

# Cosmic Dust Catalog

Volume 12

Particles from Collectors L2005 and L2006

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Space and Life Sciences Directorate  
Solar System Exploration Division  
Planetary Materials Branch Publication #85

Compiled by:

**Cosmic Dust Preliminary  
Examination Team (CDPET)**

June 1991



National Aeronautics and  
Space Administration

**Lyndon B. Johnson Space Center**  
Houston, Texas

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Particles from Collectors L2005 and L2006

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**Cosmic Dust Preliminary Examination Team (CDPET)\***

NASA/Johnson Space Center  
Houston, Texas 77058 U.S.A.

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## INTRODUCTION

Since May 1981, the National Aeronautics and Space Administration (NASA) has used aircraft to collect cosmic dust (CD) particles from Earth's stratosphere. Specially designed dust collectors are prepared for flight and processed after flight in an ultraclean (Class-100) laboratory constructed for this purpose at the Lyndon B. Johnson Space Center (JSC) in Houston, Texas. Particles are individually retrieved from the collectors, examined and cataloged, and then made available to the scientific community for research. Cosmic dust thereby joins lunar samples and meteorites as an additional source of extraterrestrial materials for scientific study.

This catalog summarizes preliminary observations on 345 particles retrieved from collection surfaces L2005 and L2006 (previous particles from collector L2005 were described in Cosmic Dust Catalog 11). These surfaces were flat plate Large Area Collectors (with a  $300 \text{ cm}^2$  surface area each) which was coated with silicone oil (dimethyl siloxane) and then flown aboard a NASA ER-2

aircraft during a series of flights that were made within west-central North America during the fall of 1989. These collectors were installed in a specially constructed wing pylon which ensured that the necessary level of cleanliness was maintained between periods of active sampling. During successive periods of high altitude (20 km) cruise, the collectors were exposed in the stratosphere by barometric controls and then retracted into sealed storage containers prior to descent. In this manner, a total of 40 hours of stratospheric exposure was accumulated for each collector.

## PROCESSING OF PARTICLES

Particle mounts designed for the JEOL 100CX scanning transmission electron microscope (STEM) are currently the standard receptacles for CD particles in the JSC laboratory. Each mount consists of a graphite frame (size  $\sim 3 \times 6 \times 2 \text{ mm}$ ) onto which a Nucleopore filter ( $0.4 \text{ }\mu\text{m}$  pore size) is attached. A conductive coat of carbon is vacuum evaporated onto the mount and then a microscopic reference

pattern is "stenciled" onto the carbon-coated filter by vacuum evaporation of aluminum through an appropriately sized template. Particles are individually removed from collectors using glass-needle micromanipulators under a binocular stereo-microscope. Each particle is positioned on an aluminum-free area of a Freon-cleaned (Freon 113), carbon-coated filter and washed in place with hexane to remove silicone oil. Each mount is normally limited to 16 particles. All processing and storage of each particle is performed in a Class-100 clean room.

This catalog is the second to be produced from the new Large Area Cosmic Dust Collectors (LACS). These collectors have approximately one order of magnitude more collection surface area than the conventional collectors used for Cosmic Dust Catalogs 1-10.

## **PRELIMINARY EXAMINATION OF PARTICLES**

Each rinsed particle is examined, before leaving the Class-100 clean room processing area, with a petrographic research microscope equipped with transmitted, reflected and oblique light illuminators. At a magnification of 500X, size, shape, transparency, color, and luster are determined and recorded for each particle.

After optical description, each mount (with uncoated particles) is examined by scanning electron microscopy (SEM) and X-ray energy-dispersive spectrometry (EDS). Secondary-electron imaging of each particle is performed with a JEOL-35CF SEM at an accelerating voltage of 20 kV. Images are therefore of relatively low contrast and resolution due to deliberate avoidance of conventionally applied conductive coats (carbon or gold-palladium) which might interfere with later elemental analyses of particles. EDS data are collected with the same JEOL-35CF SEM equipped with a Si(Li) detector and PGT 4000T analyzer. Using an

accelerating voltage of 20 kV, each particle is raster scanned and its X-ray spectrum recorded over the 0-10 keV range by counting for 100 sec. No system (artifact) peaks of significance appear in the spectra.

It should be pointed out that the SEM/EDS procedure used in preparing this catalog is different than that used in preparing Cosmic Dust Catalogs, Volumes 1-3 and 8. In these catalogs, EDS analysis was performed using the JEOL 100CX STEM operated at 40 kV. Only the EDS spectra exhibit differences that are likely to be noticed. These differences are a slightly higher background and more efficient excitation of high atomic number elements for EDS spectra collected at 40kV relative to those collected at 20kV. However, each catalog includes spectra of the same selected comparison standards, which allows comparison of spectra from one catalog to the next to be made. Please refer to Section 5 for a more complete discussion.

Following SEM/EDS examination, each particle mount is stored in a dry nitrogen gas atmosphere in a sealed cabinet.

## **CATALOG FORMAT**

Each page in the main body of the catalog is devoted to one particle and consists of an SEM image, an EDS spectrum, and a brief summary of preliminary examination data obtained by optical microscopy. The unique identification number assigned to the particle appears at the top of the page. Sources of the descriptive data are as follows:

**SIZE** ( $\mu\text{m}$ ) is measured using the original SEM image and its known magnification factor. For an irregularly shaped particle, the minimum dimension in the plane of the field of view is located and determined; then a second (maximum) dimension is measured at a right angle to the first. For a spherical or equidimensional particle, only a single size is recorded.

**SHAPE** is generalized to be spherical (S), equidimensional (E), or irregular (I). Particles having shape intermediate between S and E, or E and I, are not uncommon and may be denoted as S/E or E/I, etc.

### **TRANSPARENCY**

(abbreviated TRANS) is determined by optical microscopy to be transparent (T), translucent (TL), or opaque (O). Significant variations in transparency within a particle are annotated on the SEM image.

**COLOR** is determined by optical microscopy using oblique (fiber optic, quartz halogen) illumination supplemented with normal reflected (tungsten-lamp) illumination. The distinction of dark (Dk.) from light (Lt.) particles is unambiguous, although the distinction of colorless (CL) from pale-colored conditions is sometimes problematical. Complex colorations of individual particles may be noted in the "COMMENTS" column and annotated on the SEM image.

**LUSTER** is determined by optical microscopy using reflected normal (tungsten-lamp) illumination and supplemented with oblique (fiber optic, quartz halogen) illumination. Commonly applied descriptions, adopted from mineralogical usage, include dull (D), metallic (M), submetallic (SM), subvitreous (SV), vitreous (V), and resinous (R). Lusters transitional between categories or

difficult to identify are indicated accordingly (D/SM, SV/V, etc.)

**TYPE** indicates a **provisional first order identification** of each particle based on its morphology (from SEM image), elemental composition (from EDS spectrum), and optical properties. **We emphasize that, for catalog purposes, types are defined for their descriptive and curatorial utility, not as scientific classifications.** These tentative categorizations, which reflect judgements based on the collective experience of the CDPET, should not be construed to be firm identifications and should not dissuade any investigator from requesting any given particle for detailed study and more complete identification. The precise identification of each particle in our inventory is beyond the scope and intent of our collection and curation program. Indeed, the reliable identification and scientific classification of cosmic dust is one of many important research tasks that we hope this catalog will stimulate. We indicate particle "TYPE" only to aid the users of this catalog (especially those new to small particle analysis) in

distinguishing possible cosmic dust particles from other particles which are invariably collected during stratospheric dust sampling. In this catalog, particles are organized according to their type. Categories used in this catalog are defined as follows:

**C: Cosmic dust (variety unspecified)** or other extraterrestrial material. In the strict sense, "cosmic dust" refers only to those particles which have not been modified during passage from interplanetary space to Earth's stratosphere. In this catalog, though, particle type "C" is used to conveniently group together all particles which are judged to be of extraterrestrial origin, including those that have apparently experienced strong ablatational heating or melting. Type "C" particles are provisionally identified as those having one of the three following sets of attributes:

(a) irregular to spherical, opaque, dark-colored particles composed mostly of Fe with minor S and Ni.

(b) irregular to spherical, translucent to opaque, dark-colored particles containing various

proportions of Mg, Si, and Fe with traces of S and/or Ni.

(c) irregular to faceted or blocky, transparent to translucent particles containing mostly Mg, Si, and Fe but with traces S and/or Ni.

Category (a) and (b) particles commonly display either complex, porous aggregate type morphologies or distinctively spherical shapes and dull to metallic lusters which distinguish them from terrestrial minerals. Their EDS spectra are reminiscent of those exhibited by meteoritic Fe-NiS minerals, or combinations of Fe-Ni-S phases with olivine and/or pyroxene. Category (c) particles display morphologies and EDS spectra which suggest that they are fragments of olivine or pyroxene crystals, neither of which are significant components of stratospheric volcanic ash. Particles which do not fall easily into categories (a), (b), or (c) but which possess some of the same attributes may be classified here as "C?".

**TCA: Terrestrial contamination (artificial or man-made).** Particles included in the "TCA" category are commonly

irregular in shape (though a few may be spherical) and may be transparent, translucent, or opaque. Their EDS spectra commonly show Al, Fe, or Si as the principal peaks but with a variety of minor peaks including those of Cd, Ti, V, Cr, Mn, Ni, Cu, or Zn and at abundances which are frequently much greater than those expected in common minerals. However, such compositions are similar to those expected for certain metal alloys. In some cases, a high intensity (relative to intensities of characteristic X-ray peaks) of continuum radiation occurs in the EDS spectrum, suggesting that low atomic number elements not detectable by the EDS (e.g., H, C, N, O) are abundant in the particle. Such "TCA" particles are tacitly inferred to be synthetic carbon based materials. (This category probably includes particles produced by or derived from aircraft operation or collector hardware, or possibly spacecraft debris. However, some of these particles are worthy of additional research and may represent true extraterrestrial "low Z" material).

**TCN: Terrestrial contamination (natural).** "TCN" particles may be transparent

to opaque and may exhibit a variety of colors. However, they are commonly irregular in shape and distinctively rich in Si and Al with minor abundances of Na, K, Ca, or Fe. Some Fe-S particles are classified as TCN despite the fact that they may well be extra-terrestrial. This action is due to the lack of conclusive investigations regarding these particular particles. Many particles containing only low-Z elements are also classified TCN for the same reason. Morphologies and EDS spectra of most "TCN" particles compare favorably with respective properties of silica polymorphs, feldspar, or silicic volcanic glass, three materials which are principal components of stratospheric volcanic ash. In addition, platy or porous aggregate-type particles of light color and Si, Al rich composition may be silicic clay minerals, common phases in Earth's surface soils. Irregular, reddish Fe rich particles may also be products of terrestrial rock weathering. Recognition of these and other phases as "TCN" particles is based mostly on CDPET's collective mineralogical experience and comparison with reference samples. Less commonly, the "TCN" category may include

distinctive particles with apparently non-random shapes which are rich in low atomic number elements (as inferred from their EDS spectra having high levels of continuum x radiation and relatively small peaks for characteristic Xrays). Those rare particles are distinguished from "TCA" particles by their unusual, organized morphologies and probably represent biological contaminants.

**AOS: Aluminum oxide sphere.** An AOS is transparent, subvitreous to vitreous in luster, colorless to pale yellow and at least approximately spherical. However, shape may range from nearly perfect sphericity to pronounced ellipticity and surface texture may range from very smooth to rough. Other spheres or irregularly shaped material may be attached to its surface. Al is the distinctively dominant (or only) peak in its EDS spectrum. A sphere displaying the attributes of an AOS except with major elements in addition to Al may be listed as "AOS?" or "?". Transparent Al rich particles of irregular shape would probably be listed as "TCA?". (AOS particles are products of solid fuel rocket exhausts.)

Again, this system for

provisional classification of particles is presented only as a first order attempt to distinguish particles which are probably extraterrestrial in origin from those which are probably contaminants. All particles will require careful research examination before they can be satisfactorily identified.

**COMMENTS** are included for particles with special features or histories. All of the larger, cluster particles have broken apart and are present in the catalog as different grains, and the comments reflect these relationships.

## **ANALYSES OF REFERENCE MATERIALS**

The usefulness of the SEM images and EDS spectra provided for particles in this catalog is enhanced by comparison with similar data products obtained for mineral standards of known composition. Accordingly, a typical EDS spectrum is presented for each of three standard minerals prepared as polished grain mounts (San Carlos olivine, USNM

111312/444; diopside JLC 99 63; Kakanui hornblende, USNM 143965; Allende Meteorite Bulk Powder, NMNH 3529). Analyses of these optically flat surfaces eliminate inter-sample geometrical variations so that effects of detection limits and compositional variations, in general, on relative peak heights in the raw spectra can be more readily assessed. Even so, the polished grain spectra should not be over interpreted because no corrections have been attempted for atomic number, absorption, or fluorescence effects. The spectra are presented simply as additional aids to the meaningful use of the sample particle EDS spectra. Investigators who might wish to compare performance characteristics of their EDS analytical systems with those of the system used by CDPET in preparing these catalog data should contact Curator/Cosmic Dust at the address given in Section 6. A short-term loan of a polished grain mineral standard can then be arranged.

As pointed out in Section 3, the EDS spectra included in this catalog were obtained using a primary electron energy of 20 kv whereas spectra in Catalogs 1-3 and 8 were obtained with a different instrument operated at 40 kV. Although the



effects on EDS spectra to be expected from such a change are well known from X-ray spectrometric analysis, they are worth pointing out to avoid confusion among the readers of this catalog. The major effects of concern to Cosmic Dust Catalog users can be seen by comparing the two "Allende (C3) Meteorite Bulk Powder" spectra, one of which was obtained at 20 kV and the other at 40 kV, as presented in Cosmic Dust Catalogs 1-3 and 8 (only spectra collected at 20kV are presented in this catalog). In the 20 kV spectrum, the Si peak is more intense than the principal peak of Fe whereas the opposite is true for the 40 kV spectrum. In general, the 20 kV spectra in this catalog will show peaks of light elements enhanced relative to peaks of heavy elements when compared with 40 kV spectra published in Catalogs 1-3 and 8. The explanation is based both on geometrical differences between X-ray paths in the two EDS systems (the JEOL-35CF system is actually more favorable for light element analysis) and on electron and X-ray physics (X-ray emission by heavy elements is more intense at 40 kV than at 20 kV). Thus, readers are cautioned against

attempting to quantitatively intercompare 40 kV spectra with 20 kV spectra. Still, the spectra in each catalog should continue to serve as originally intended. Namely, the sample and standard spectra in any given catalog will represent a self consistent data set.

## **SAMPLE REQUESTS**

Scientists desiring to perform detailed research on particles described in this catalog should apply in writing to:

Curator/Cosmic Dust  
Code SN2  
NASA/Johnson Space Center  
Houston, Texas 77058  
U.S.A.

Telephone: (713) 483-5128  
FTS: 525-5128

Sample requests should refer to specific particle identification numbers and should describe the research being proposed as well as the qualifications and facilities of the investigator making the request. Publication reprints are frequently useful in sample allocation

considerations. Additionally, requests for particles not yet passed through preliminary examination will be considered if the requester can demonstrate a strong need for them. NASA will arrange for a review of the scientific merits of each request and will inform the requester of the results.

Approval of a sample request does not imply or include funding for the proposed research. Questions about NASA funding should be directed to:

Dr. Donald D. Bogard  
Discipline Scientist  
Planetary Materials and  
Geochemistry Program  
Code SN-4  
NASA/Johnson Space Center  
Houston, TX 77058

Although foreign scientists are welcome to request samples, NASA cannot provide funds to be spent outside the U.S.A. by citizens of other countries.

## **ACKNOWLEDGEMENTS**

Norm La Fleur and coworkers  
(NASA/Ames Research Center,  
Moffett Field, California) performed  
the loading and unloading of the  
cosmic dust collectors on the ER-2  
aircraft and provided flight log data.

Eugene Jarosewich  
(Smithsonian Institution,  
Washington, D.C.) kindly provided  
mineral standards and the Allende  
chondrite powder.

## PARTICLE TABLE OF CONTENTS

Since particles are arranged in this catalog by type, rather than sequentially by mount and number as in previous catalogs, we include a sequential listing of particles and the page on which they may be found, for the user's reading pleasure.

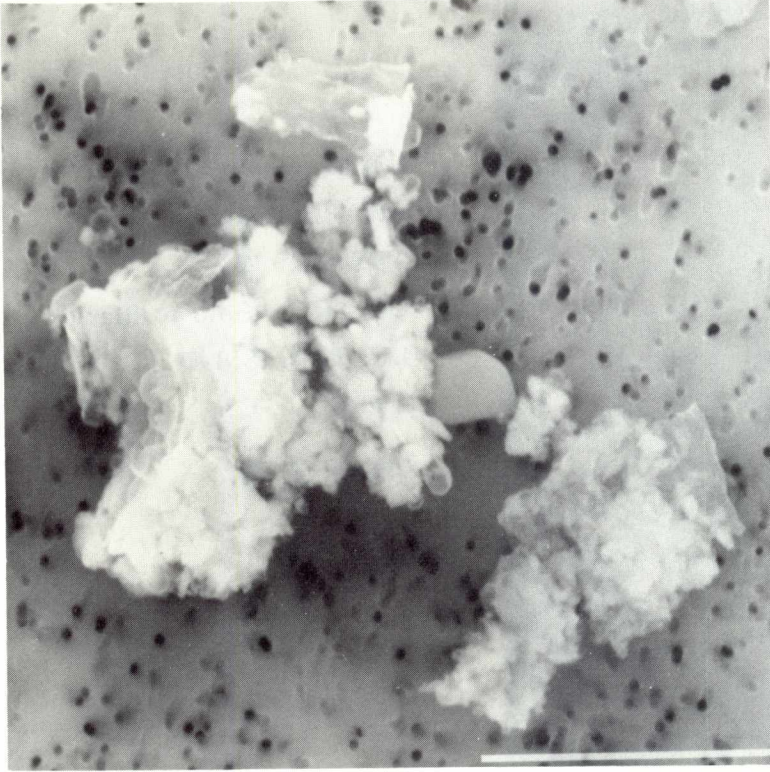
Particle	Page	Particle	Page	Particle	Page	Particle	Page
<b>L2005</b>		V7.....	265	X14.....	22	A17.....	283
T1.....	252	V8.....	266	X15.....	23	A18.....	41
T2.....	2	V9.....	267	X16.....	172	B1.....	42
T3.....	3	V10.....	155	X17.....	24	B2.....	43
T4.....	253	V11.....	156	Y1.....	278	B3.....	44
T5.....	254	V12.....	157	Y2.....	173	B4.....	45
T6.....	255	V13.....	14	Y3.....	174	B5.....	46
T7.....	256	V14.....	268	Y4.....	279	B6.....	47
T8.....	257	V15.....	15	Y5.....	25	B7.....	48
T9.....	4	V16.....	158	Y6.....	175	B8.....	49
T10.....	258	V17.....	159	Y7.....	176	B9.....	50
T11.....	5	V18.....	160	Y8.....	280	B10.....	51
T12.....	6	W1.....	161	Y9.....	177	B11.....	52
T13.....	7	W2.....	162	Y10.....	281	B12.....	186
T14.....	142	W3.....	16	Y11.....	178	B13.....	187
T15.....	8	W4.....	163	Y12.....	179	B14.....	284
T16.....	143	W5.....	269	Y13.....	180	B15.....	53
U1.....	144	W6.....	270	Y14.....	26	B16.....	54
U2.....	9	W7.....	164	Y15.....	181	B17.....	55
U3.....	259	W8.....	17	Y16.....	27	B18.....	56
U4.....	260	W9.....	271	Y17.....	182	C1.....	285
U5.....	10	W10.....	272	Y18.....	183	C2.....	286
U6.....	11	W11.....	18			C3.....	57
U7.....	145	W12.....	165	<b>L2006</b>		C4.....	58
U8.....	146	W13.....	19	A1.....	184	C5.....	59
U9.....	147	W14.....	273	A2.....	185	C6.....	60
U10.....	148	W15.....	274	A3.....	28	C7.....	61
U11.....	12	X1.....	275	A4.....	29	C8.....	188
U12.....	261	X2.....	20	A5.....	30	C9.....	287
U13.....	262	X3.....	166	A6.....	31	C10.....	62
U14.....	340	X4.....	341	A7.....	32	C11.....	189
U15.....	263	X5.....	342	A8.....	33	C12.....	63
U16.....	149	X6.....	167	A9.....	34	C13.....	64
U17.....	150	X7.....	276	A10.....	35	C14.....	65
V1.....	264	X8.....	168	A11.....	36	C15.....	288
V2.....	151	X9.....	277	A12.....	37	C16.....	289
V3.....	152	X10.....	169	A13.....	38	C17.....	290
V4.....	153	X11.....	21	A14.....	282	D1.....	291
V5.....	13	X12.....	170	A15.....	39	D2.....	292
V6.....	154	X13.....	171	A16.....	40	D3.....	66

Particle	Page	Particle	Page	Particle	Page	Particle	Page
D4	67	G10	93	J10	346	N1	125
D5	190	G11	303	J11	108	N2	126
D6	293	G12	94	J12	226	N3	241
D7	68	G13	304	J13	109	N4	127
D8	191	G14	95	J14	110	N5	128
D9	192	H1	305	J15	111	N6	129
D10	69	H2	205	K1	347	N7	328
D11	70	H3	206	K2	227	N8	130
D12	294	H4	207	K3	315	N9	329
D13	71	H5	96	K4	228	N10	330
D14	193	H6	306	K5	348	N11	242
D15	295	H7	97	K6	316	N12	331
E1	72	H8	307	K7	112	N13	131
E2	73	H9	208	K8	113	N14	332
E3	74	H10	209	K9	114	N15	243
E4	194	H11	210	K10	115	N16	132
E5	296	H12	211	K11	229	N17	244
E6	297	H13	308	L1	116	O1	333
E7	75	H14	309	L2	317	O2	133
E8	76	H15	212	L3	117	O3	134
E9	195	H16	213	L4	118	O4	245
E10	77	H17	310	L5	318	O5	246
E11	196	H18	214	L6	230	O6	334
E12	197	I1	311	L7	319	O7	247
E13	78	I2	98	L8	119	O8	335
E14	79	I3	215	L9	120	O9	336
E15	80	I4	99	L10	320	O10	135
E16	81	I5	312	L11	121	O11	136
F1	298	I6	313	L12	321	O12	137
F2	198	I7	216	L13	231	O13	248
F3	199	I8	217	L14	232	O14	138
F4	82	I9	100	L15	233	O15	139
F5	200	I10	101	L16	349	P1	140
F6	299	I11	343	L17	350	P2	337
F7	83	I12	314	L18	351	P3	249
F8	300	I13	344	M1	122		
F9	84	I14	345	M2	322		
F10	85	I15	218	M3	323		
F11	201	I16	219	M4	234		
F12	86	I17	220	M5	123		
F13	202	I18	221	M6	235		
F14	301	I19	102	M7	324		
G1	87	J1	103	M8	325		
G2	88	J2	104	M9	236		
G3	302	J3	105	M10	237		
G4	203	J4	222	M11	326		
G5	89	J5	223	M12	124		
G6	90	J6	224	M13	327		
G7	91	J7	106	M14	238		
G8	204	J8	225	M15	239		
G9	92	J9	107	M16	240		

Particle Descriptions  
**C and C? Type**

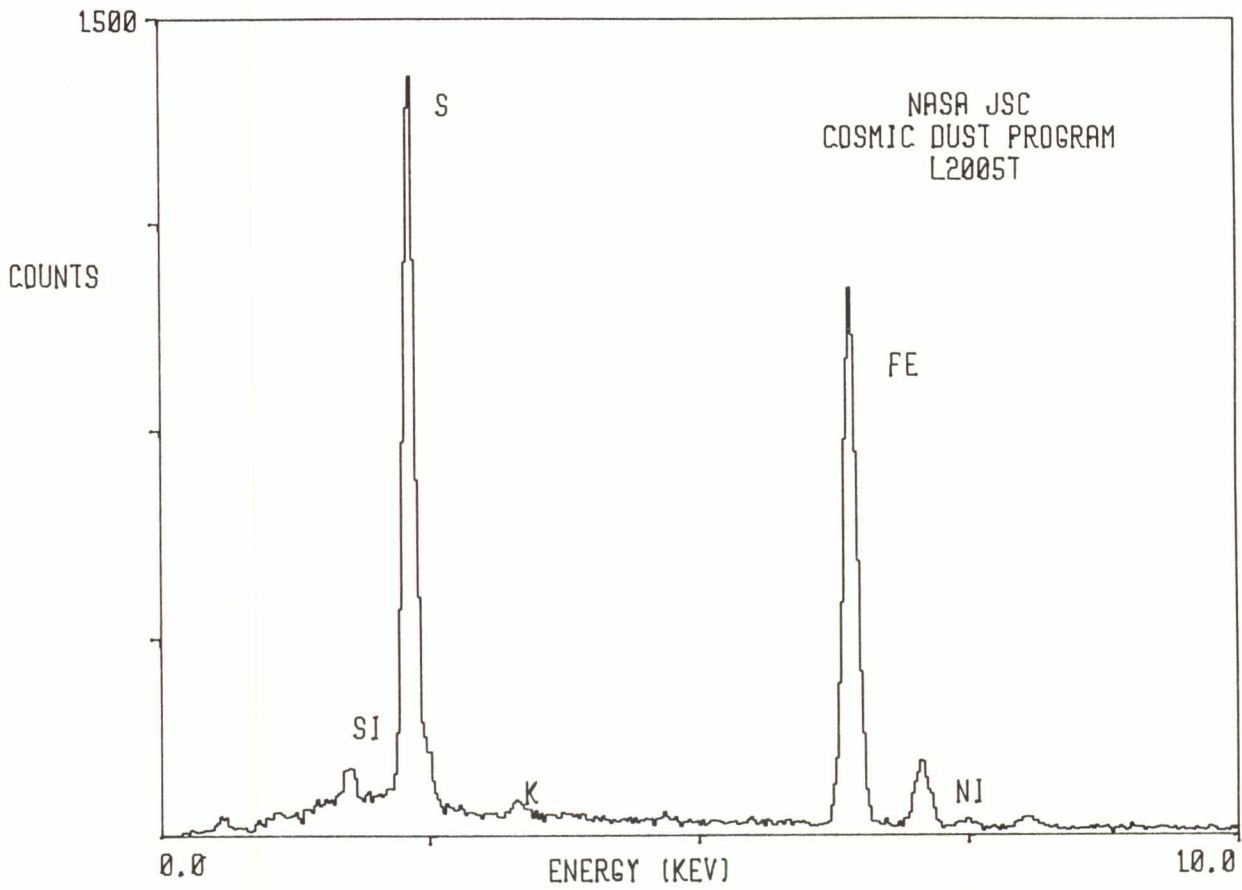
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L2005 T 2

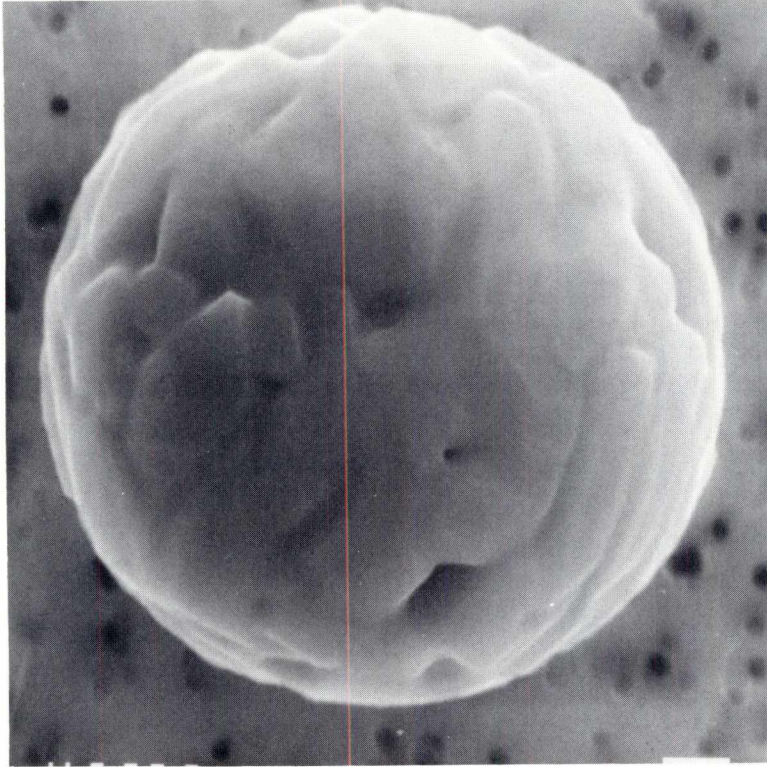


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S-91-32359

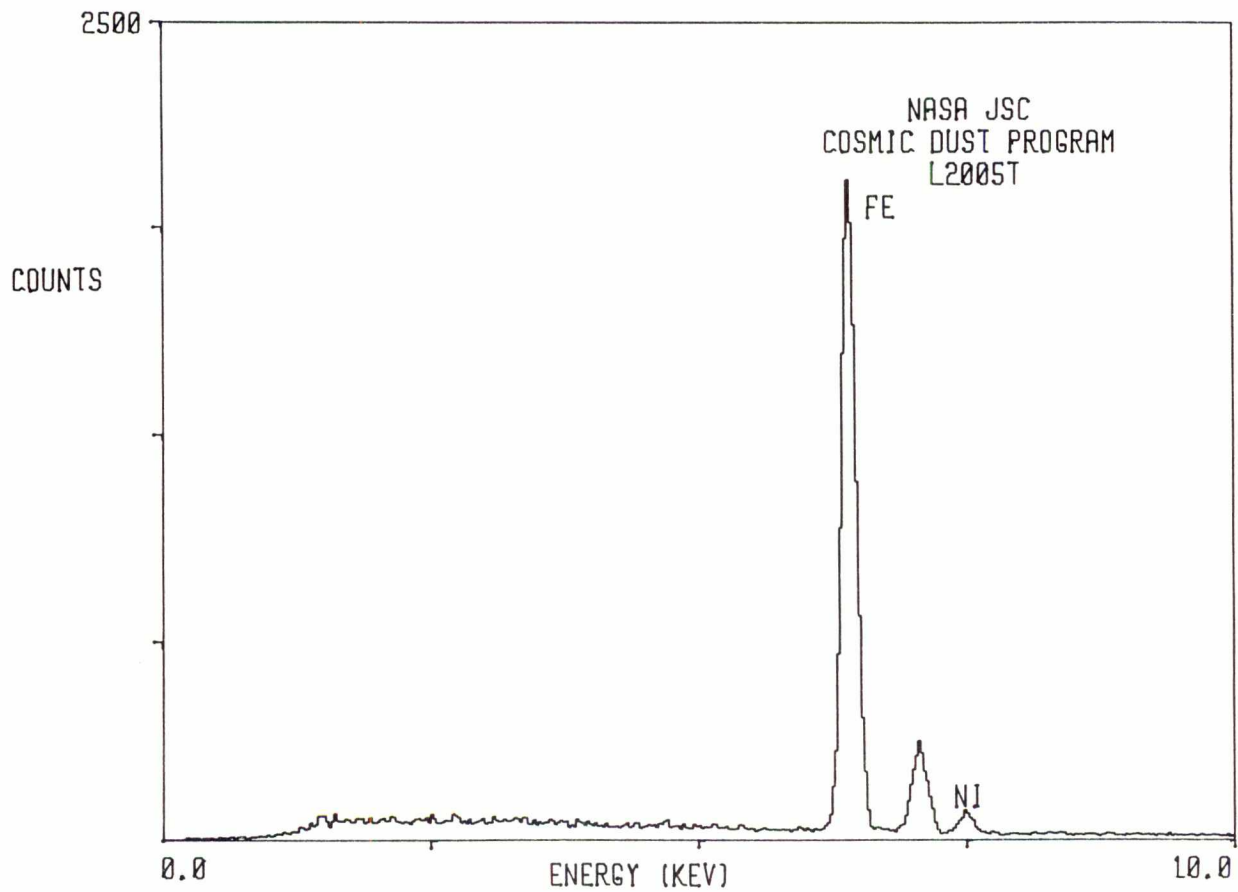


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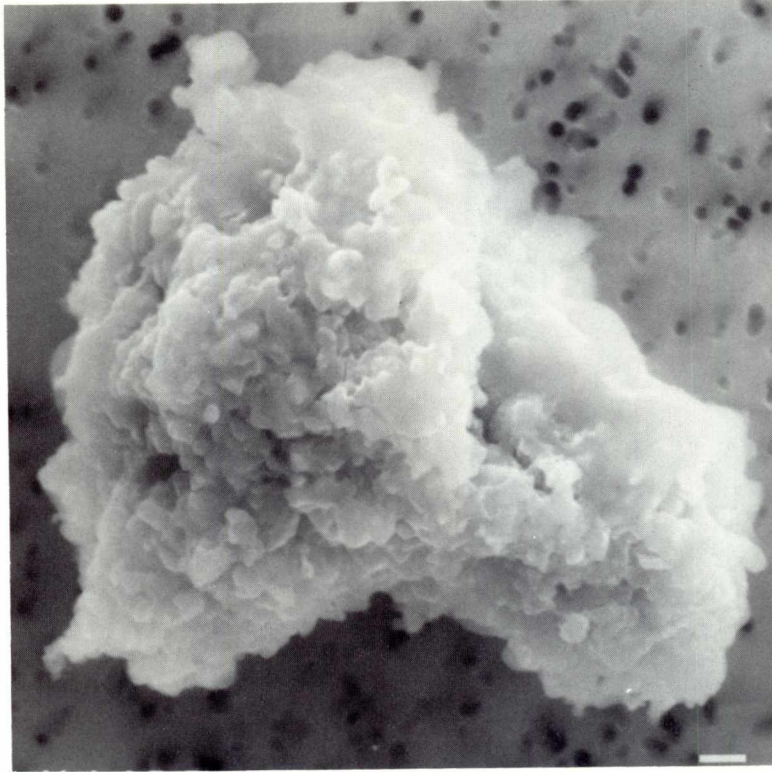


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COMMENTS:

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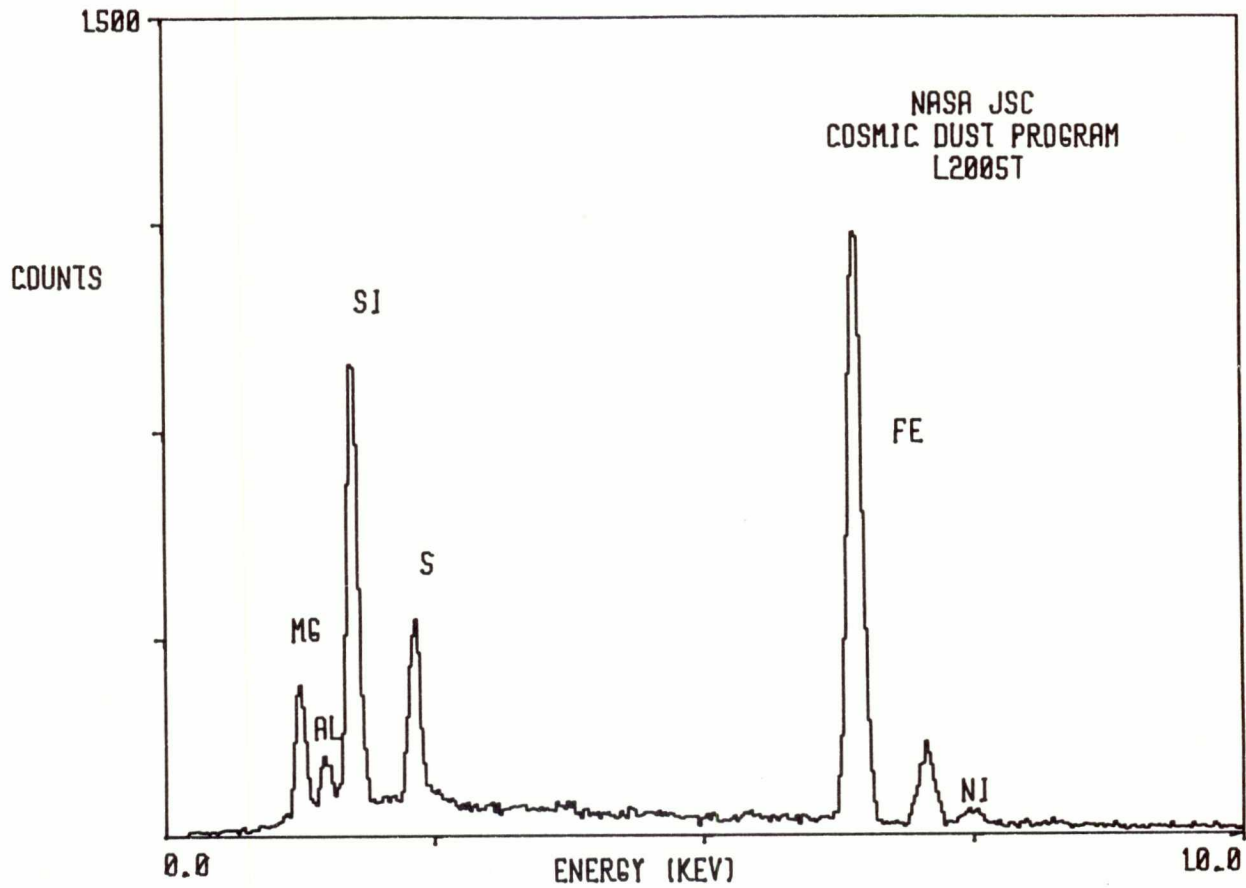


L2005 T 9



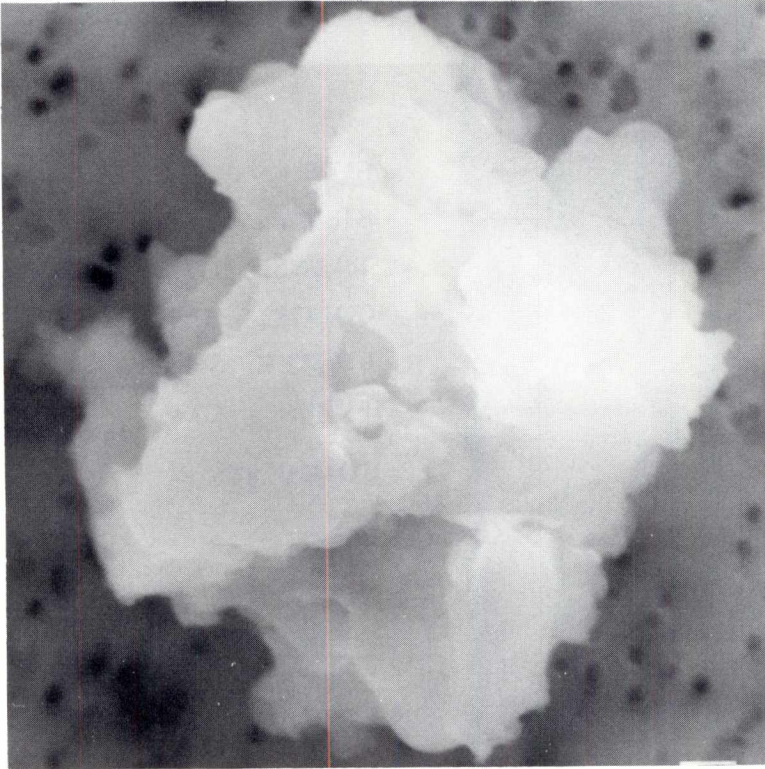
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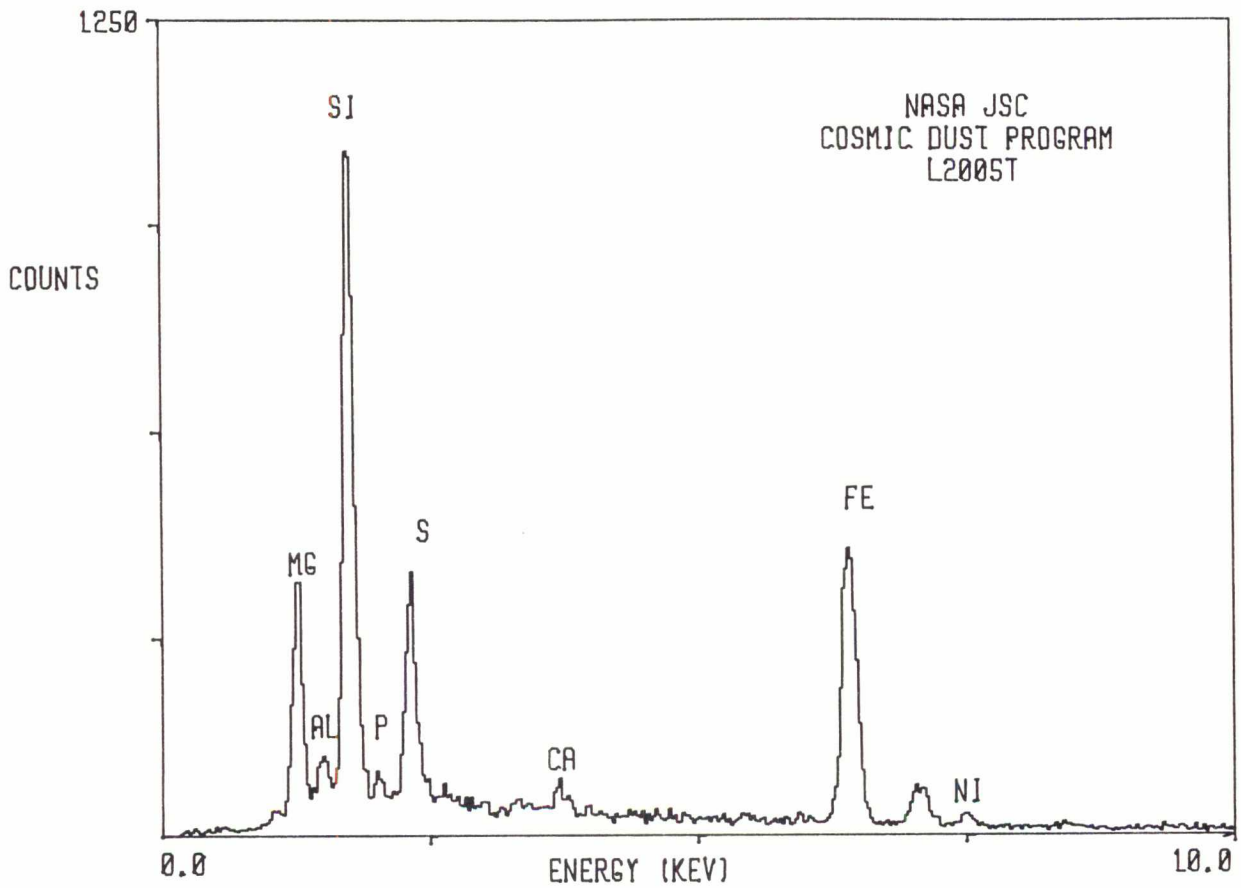


L2005 T 11

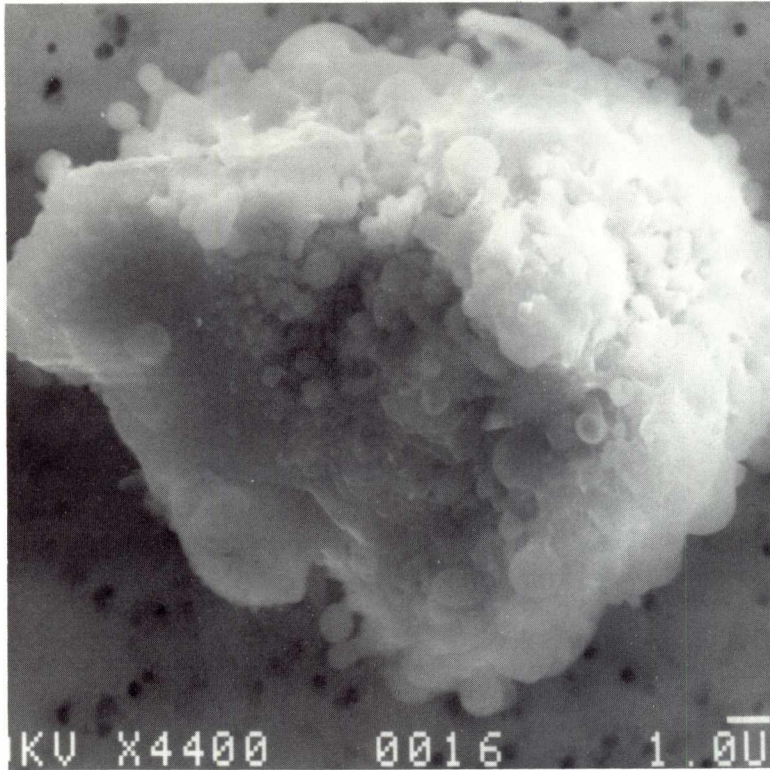


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S-91-32368

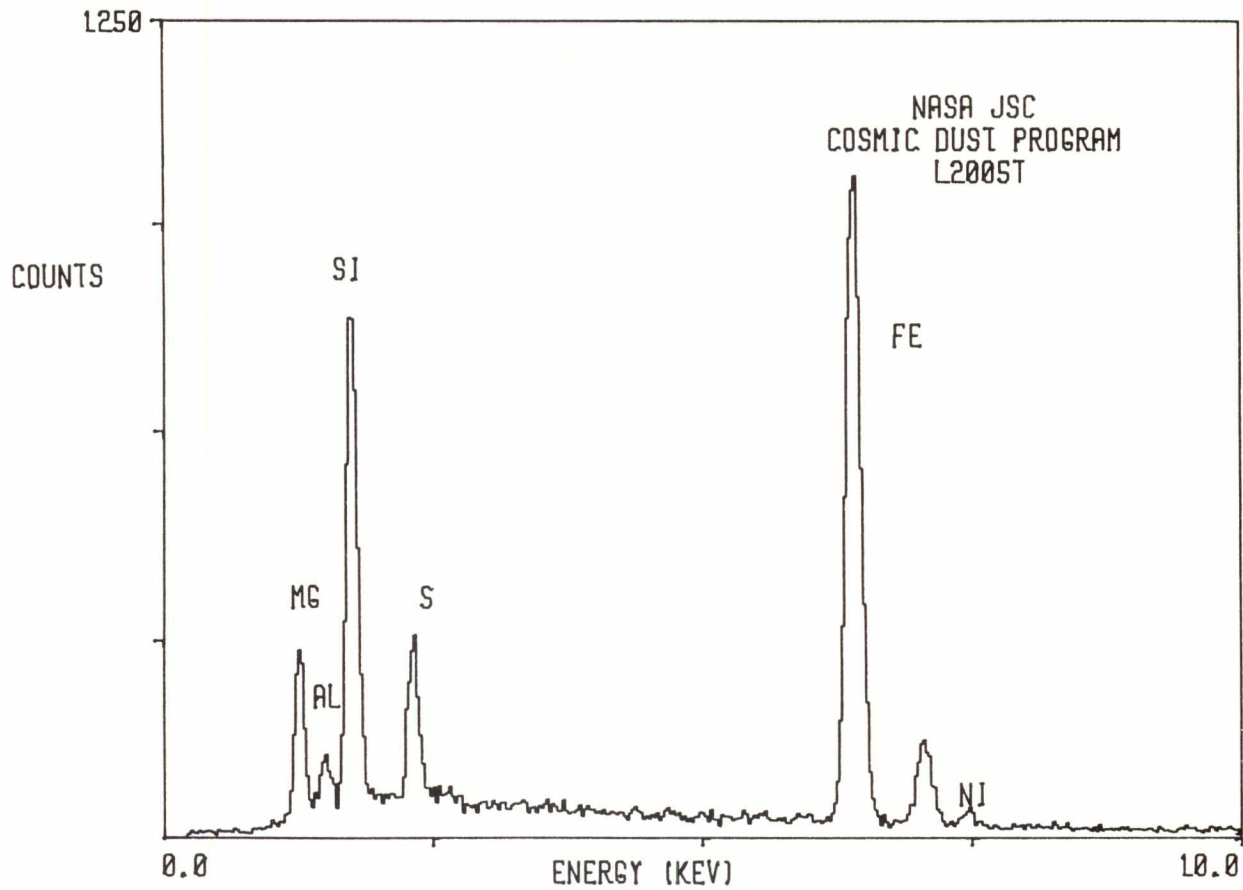


L2005 T 12

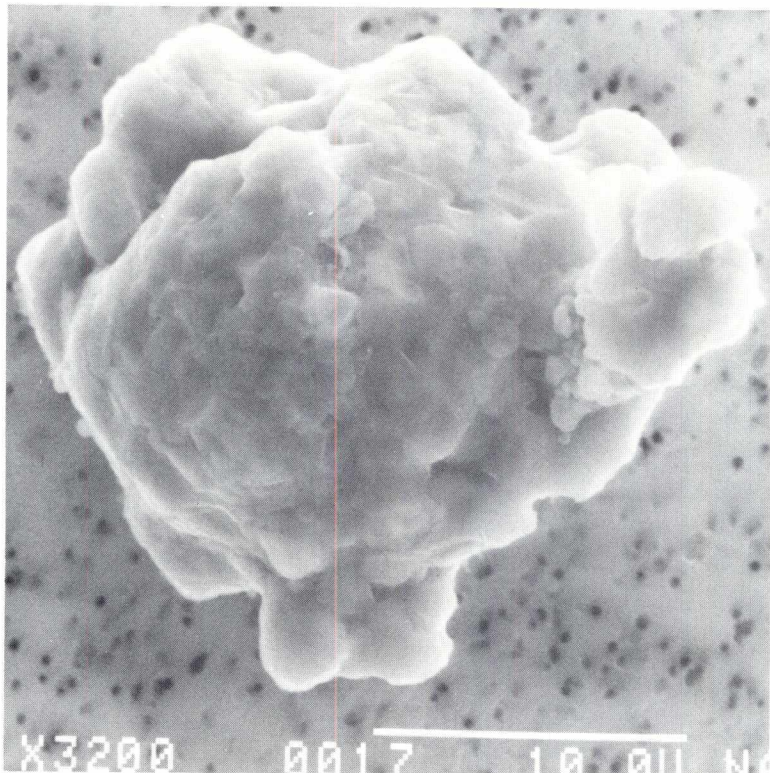


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TYPE: C  
COMMENTS:

S-91-32369

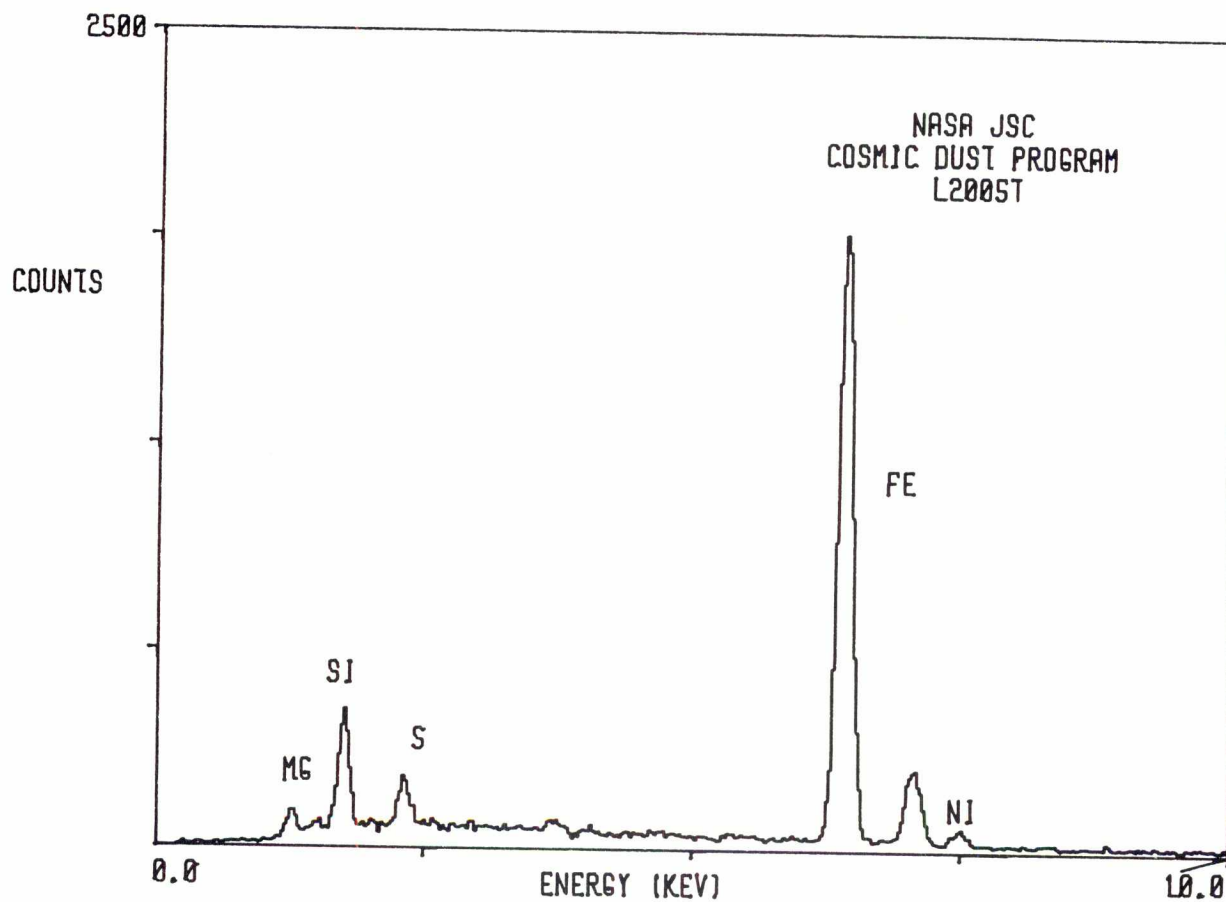


L2005 T 13

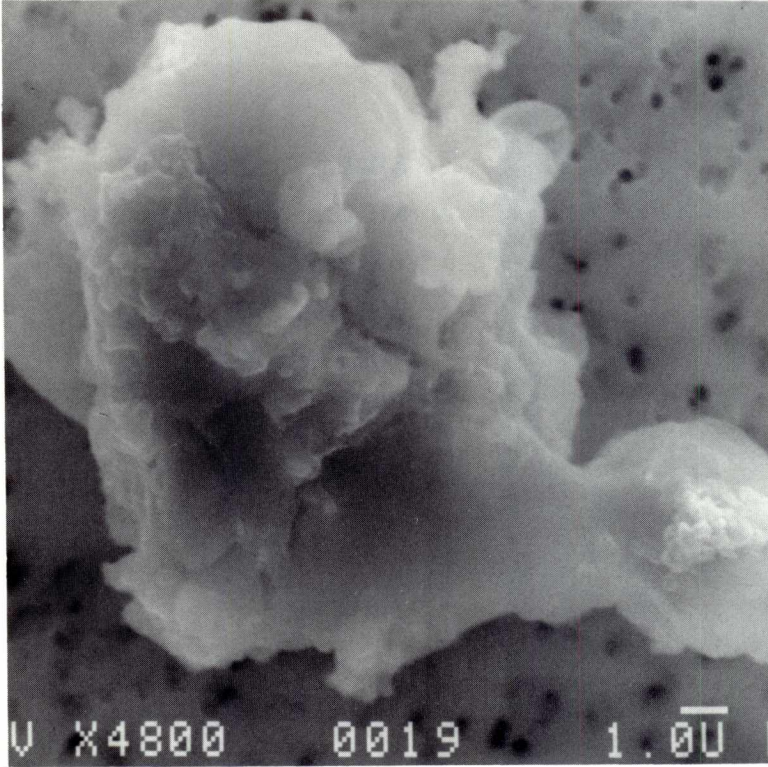


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COMMENTS:

S-91-32370

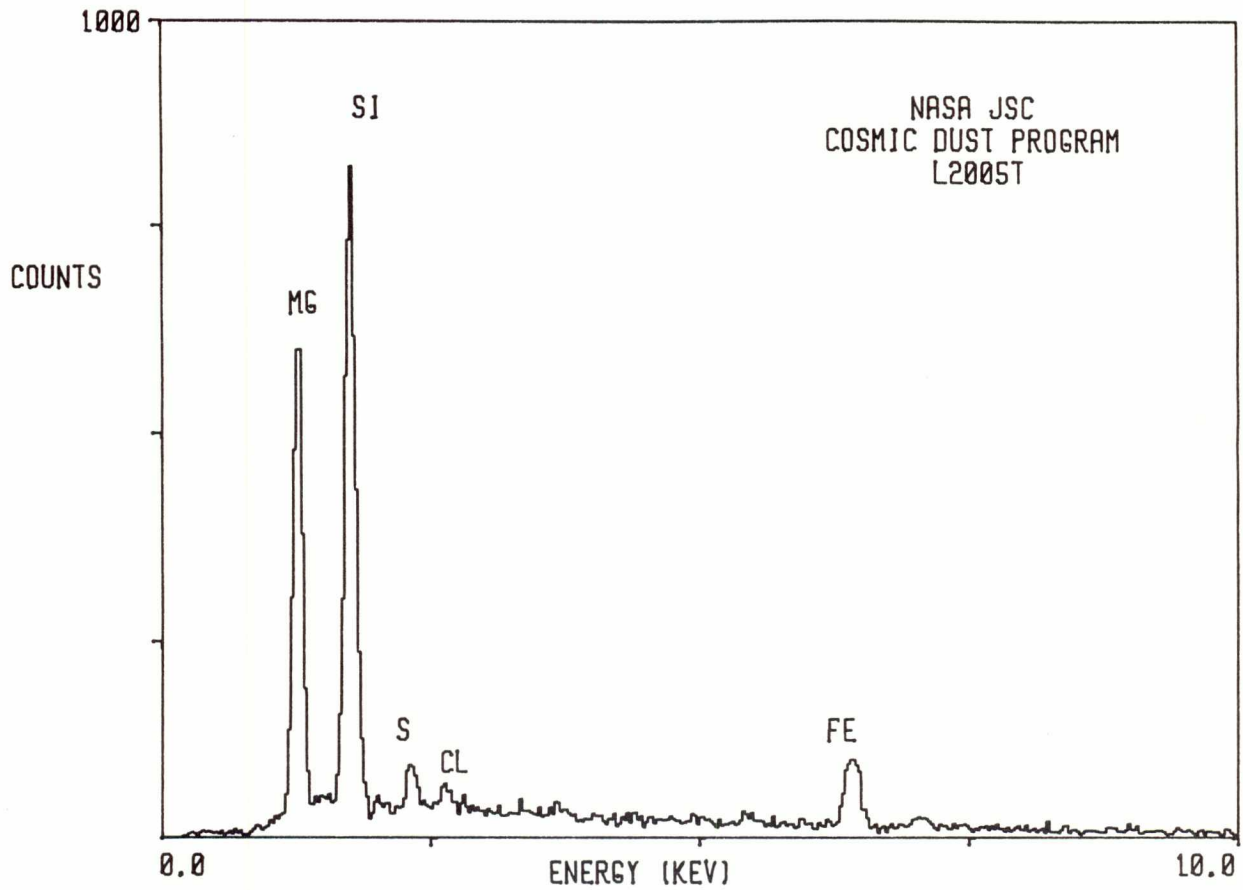


L2005 T 15

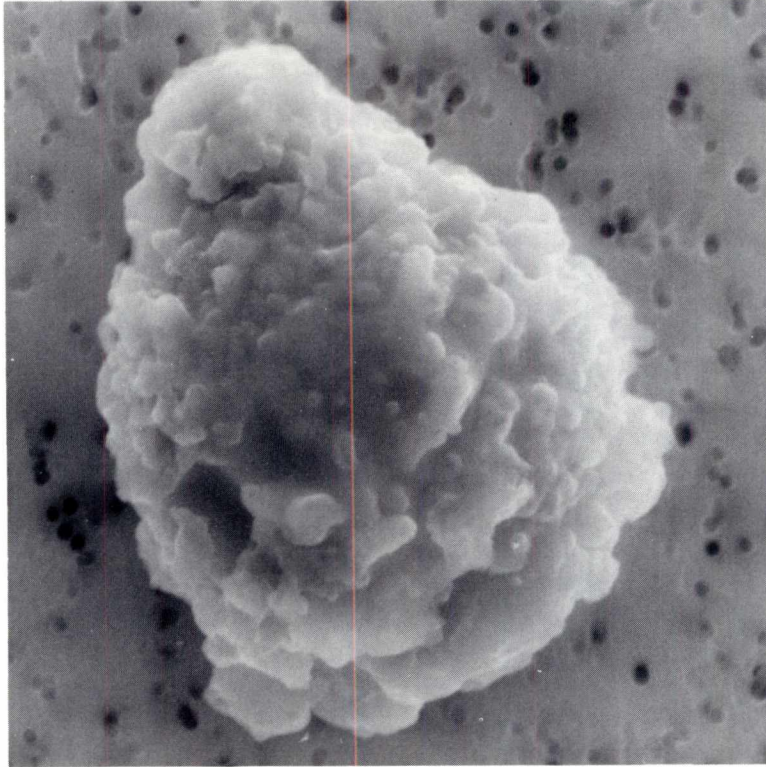


SIZE: 36x27  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM/D  
TYPE: C?  
COMMENTS:

S-91-32372

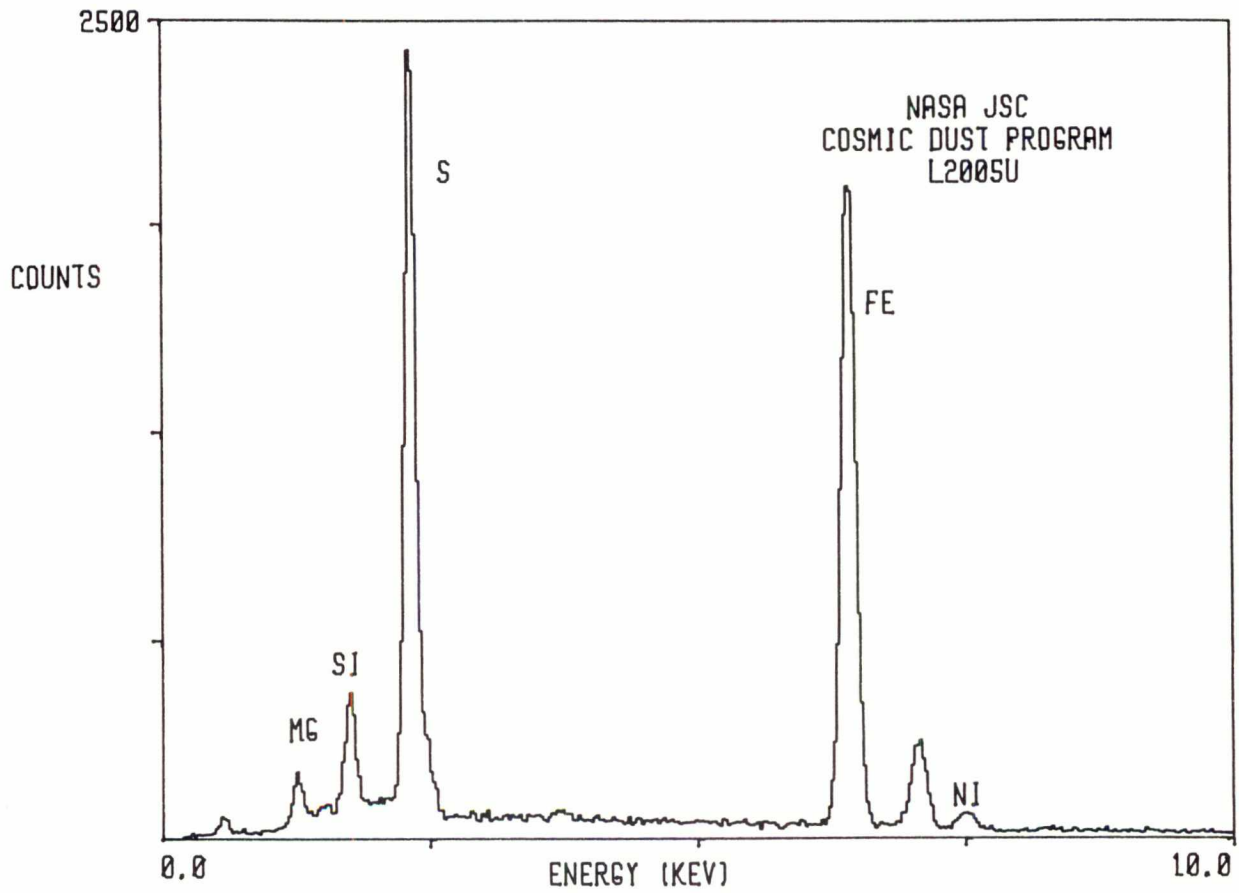


L2005 U 2

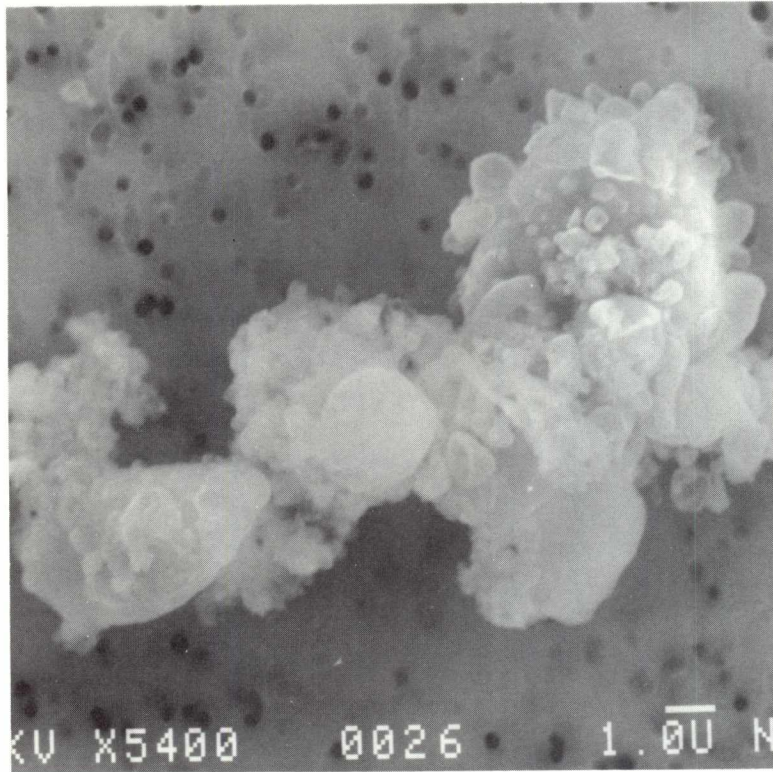


SIZE: 27x22  
SHAPE: E/S  
TRANS.: O  
COLOR: Black  
LUSTER: SM/D  
TYPE: C?  
COMMENTS:

S-91-32327

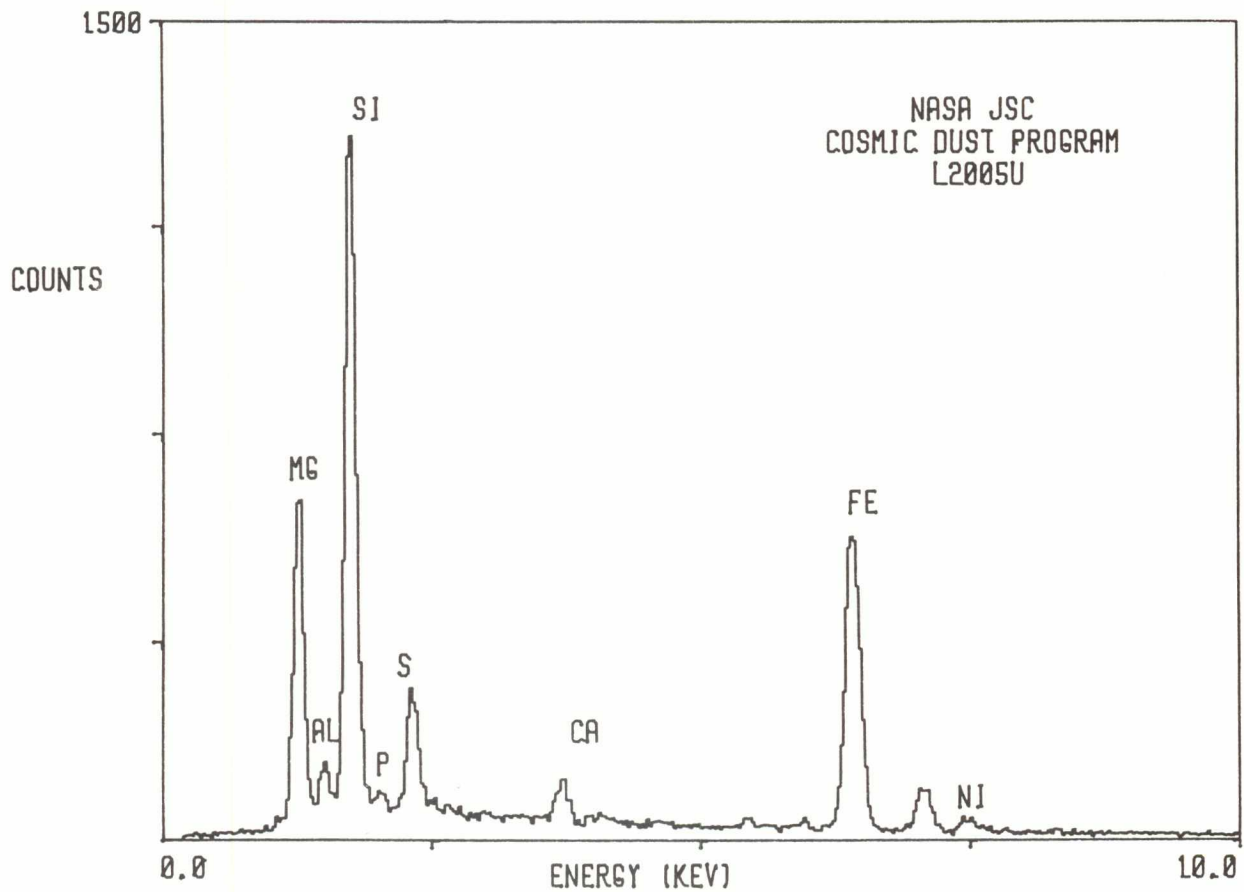


L2005 U 5

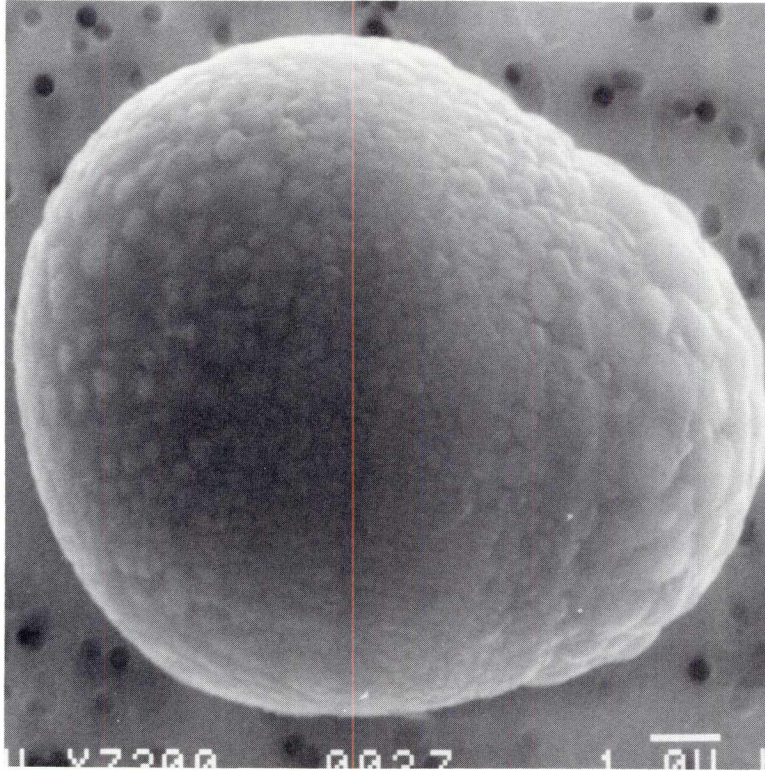


SIZE: 14x9  
SHAPE: I  
TRANS.: O/TL  
COLOR: Black  
LUSTER: SM/D  
TYPE: C?  
COMMENTS:

S-91-32330

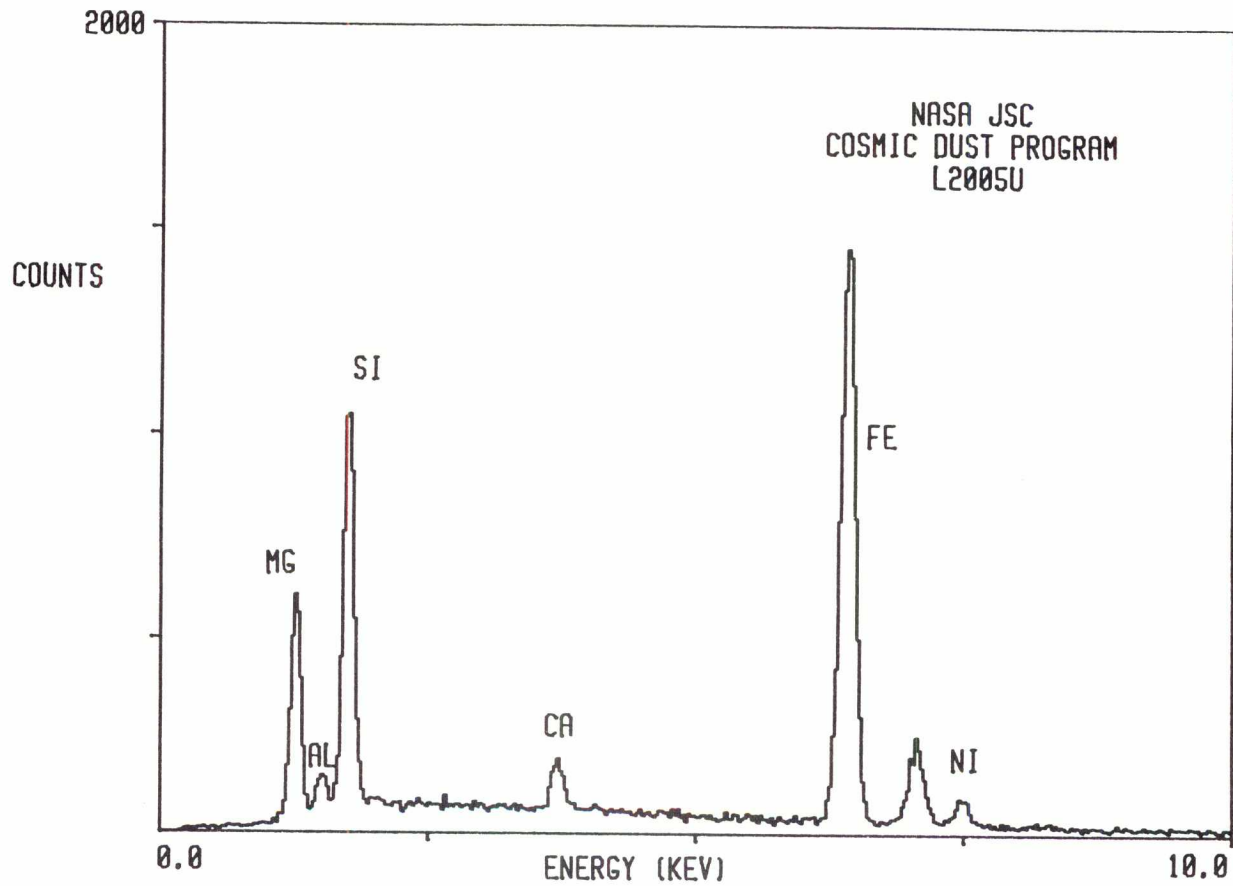


L2005 U 6

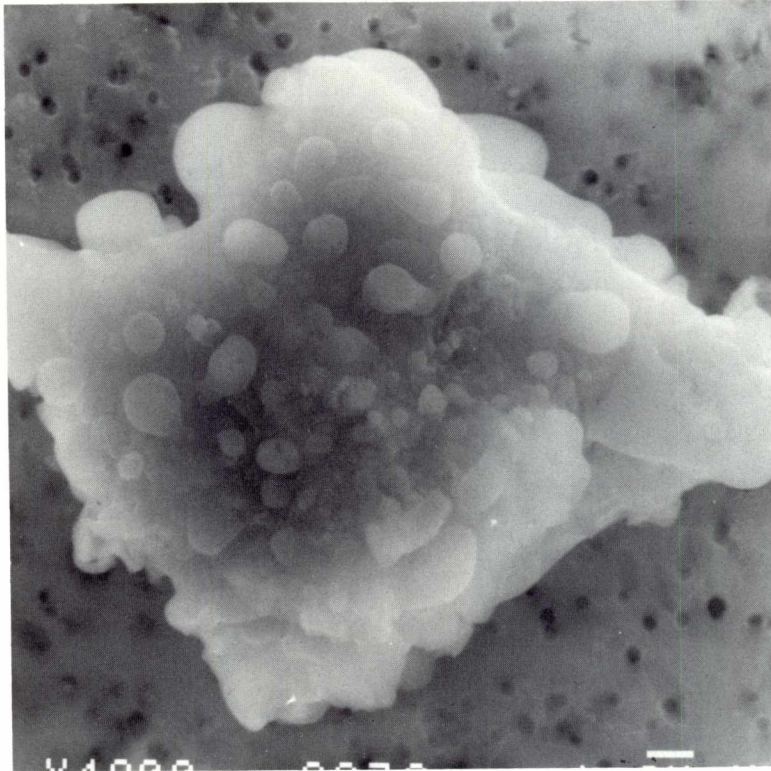


SIZE: 21x19  
SHAPE: S  
TRANS.: O  
COLOR: Black  
LUSTER: SM/SV  
TYPE: C?  
COMMENTS:

S-91-32331

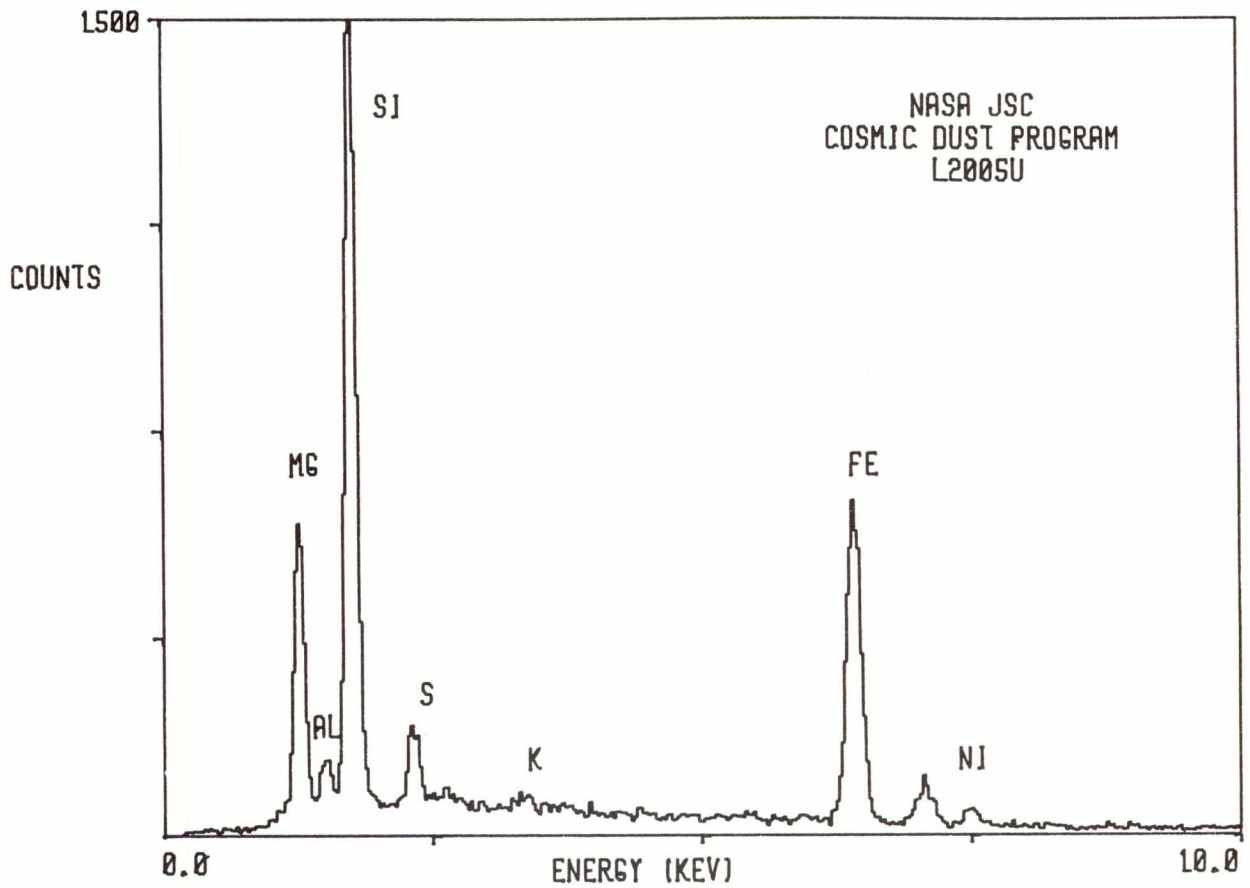


L2005 U 11



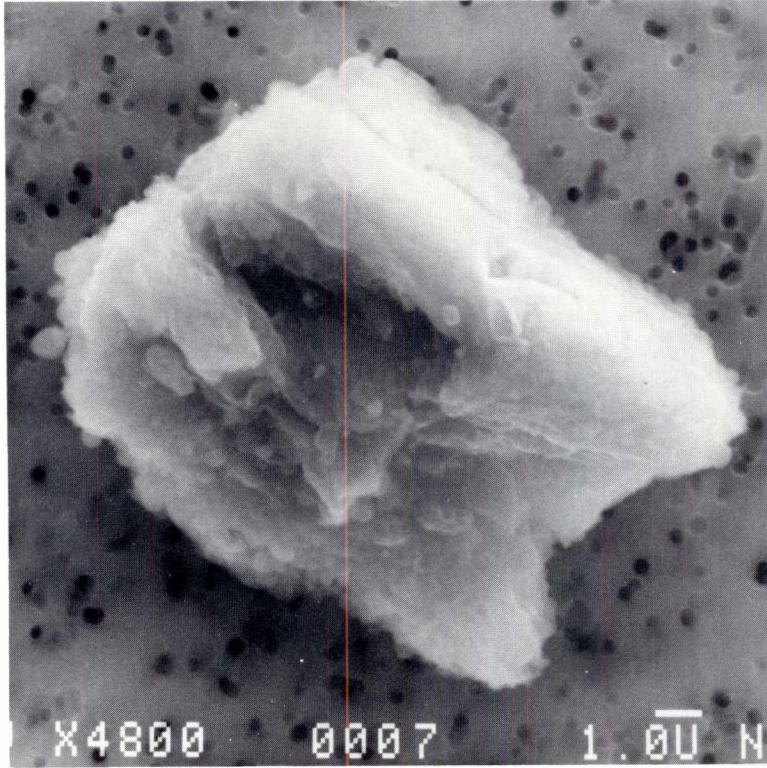
SIZE: 18x13  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM/D  
TYPE: C?  
COMMENTS:

S-91-32336



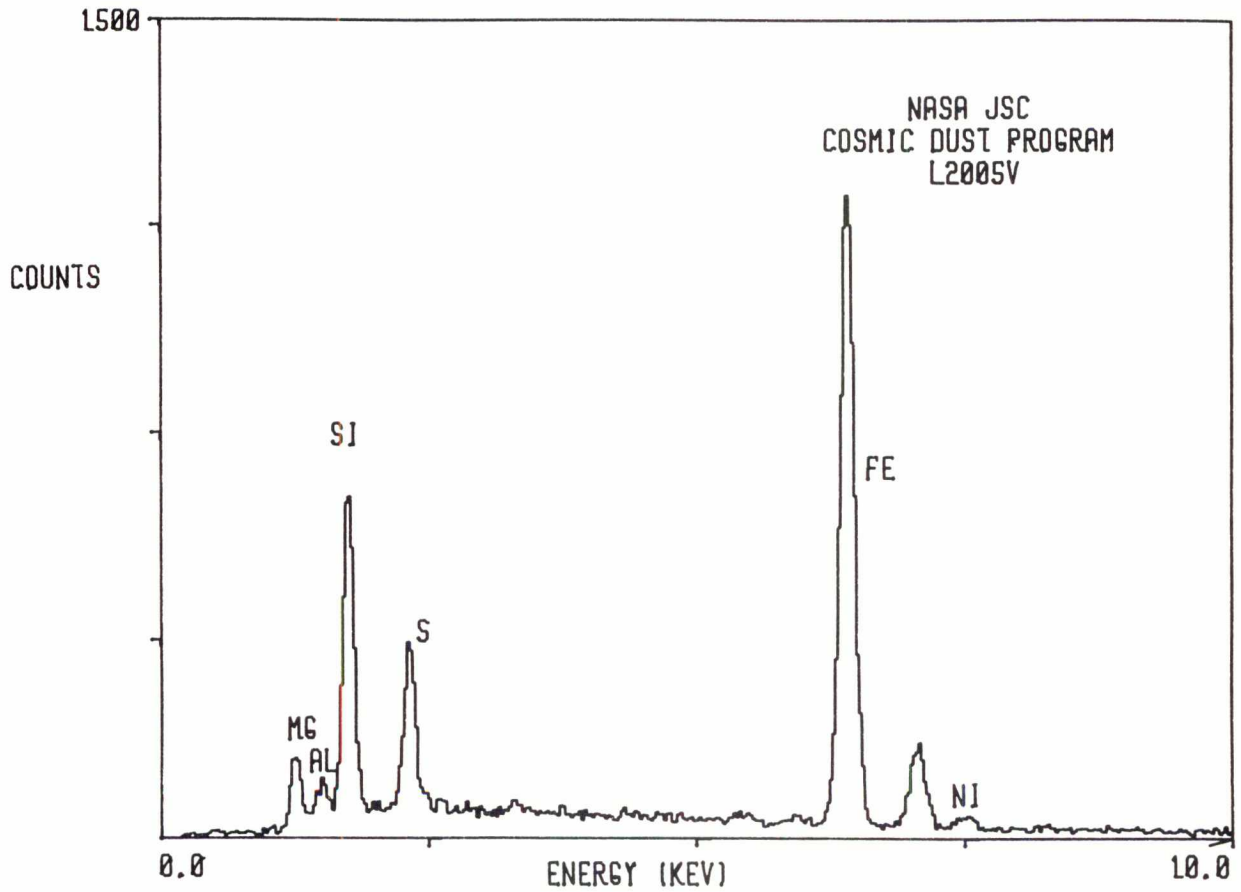


L2005 V 5

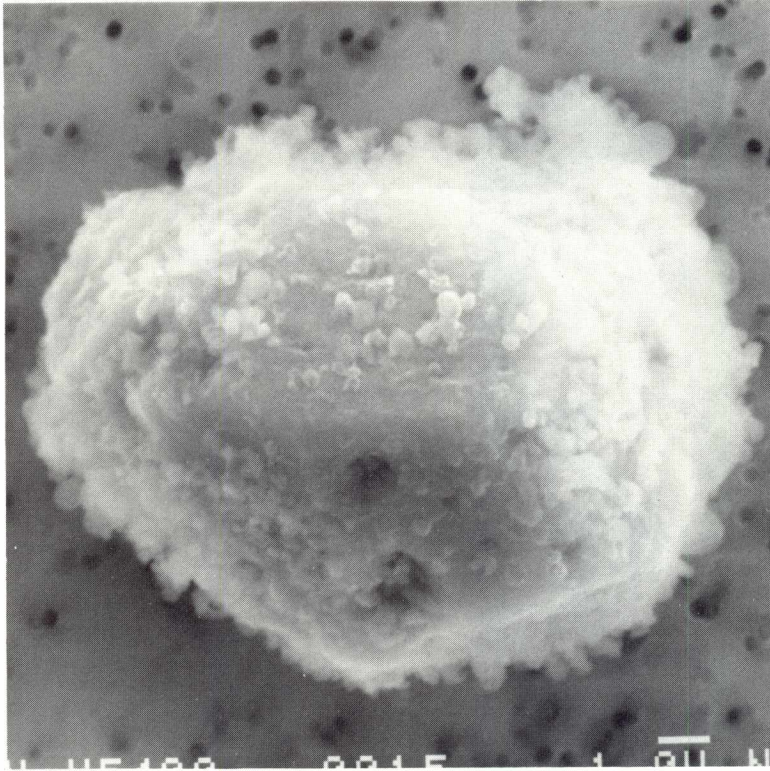


SIZE: 16x14  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SV/D  
TYPE: C?  
COMMENTS:

S-91-32293

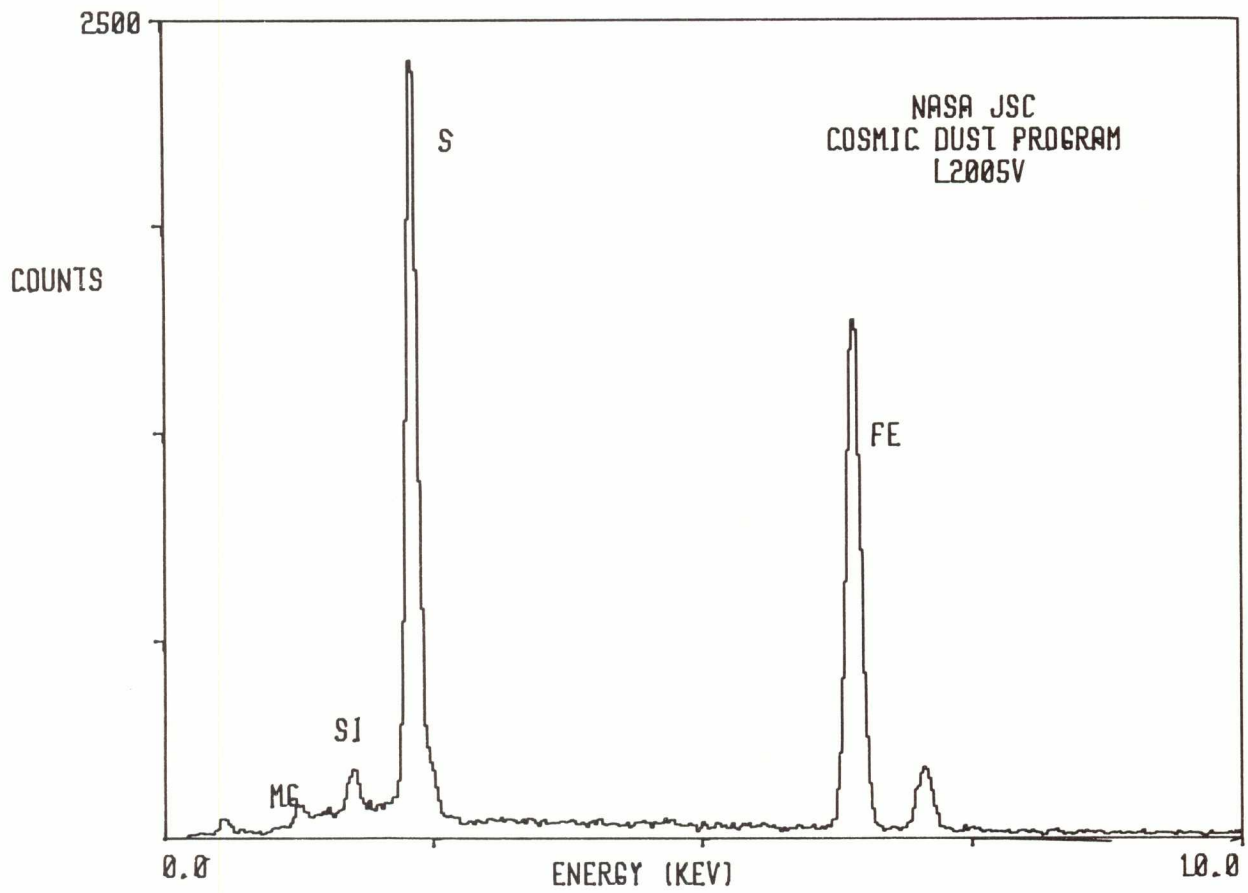


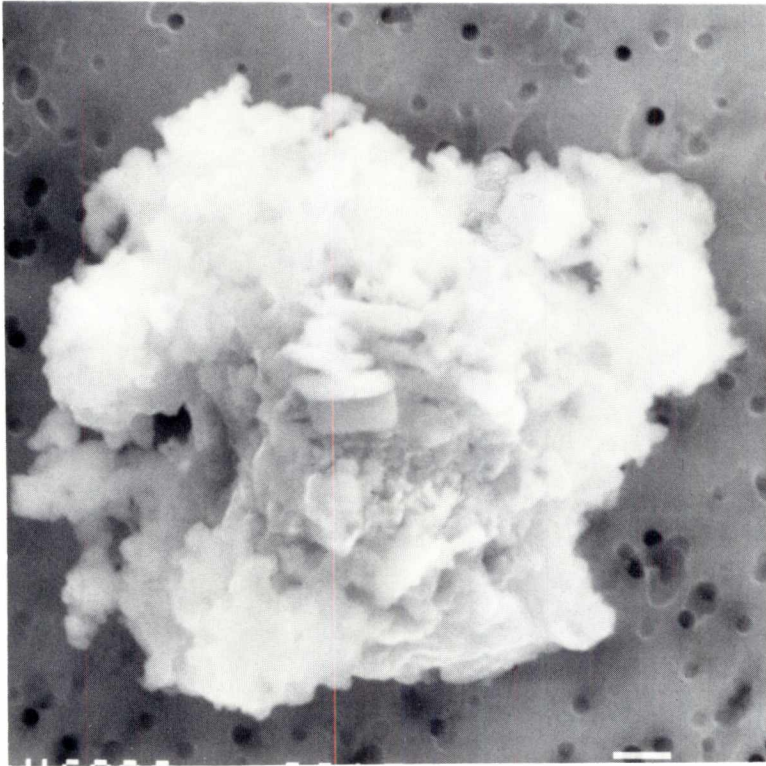
L2005 V 13



SIZE: 14x12  
SHAPE: E/S  
TRANS.: O  
COLOR: Gold to Brown  
LUSTER: SM  
TYPE: C?  
COMMENTS:

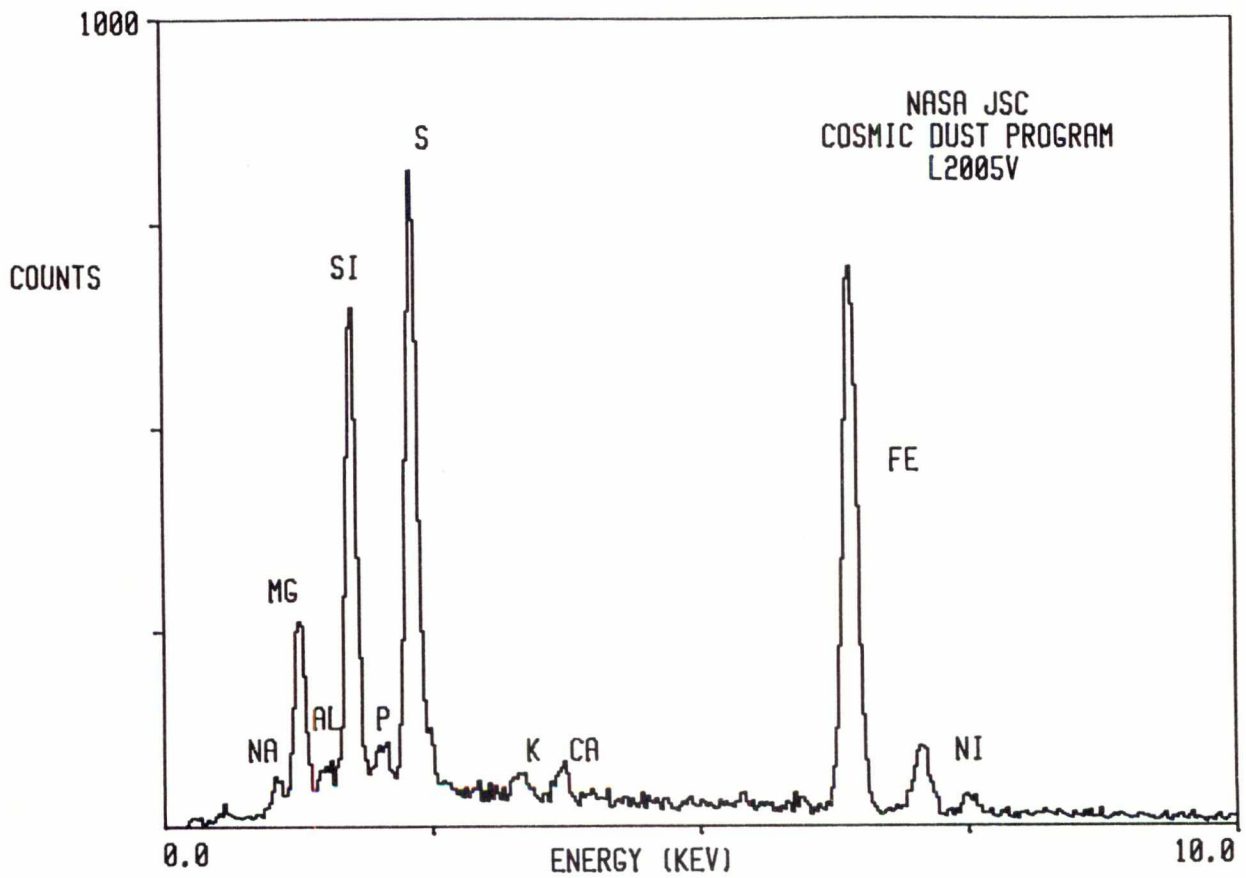
S-91-32301



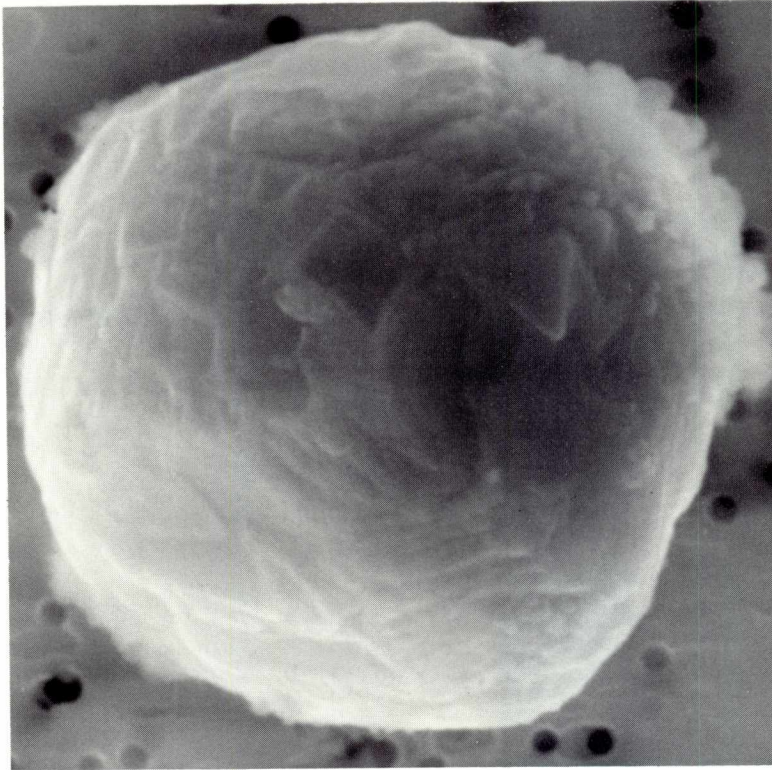


SIZE: 13x12  
SHAPE: I  
TRANS.: O/TL  
COLOR: Black  
LUSTER: SV/D  
TYPE: C  
COMMENTS:

S-91-32303

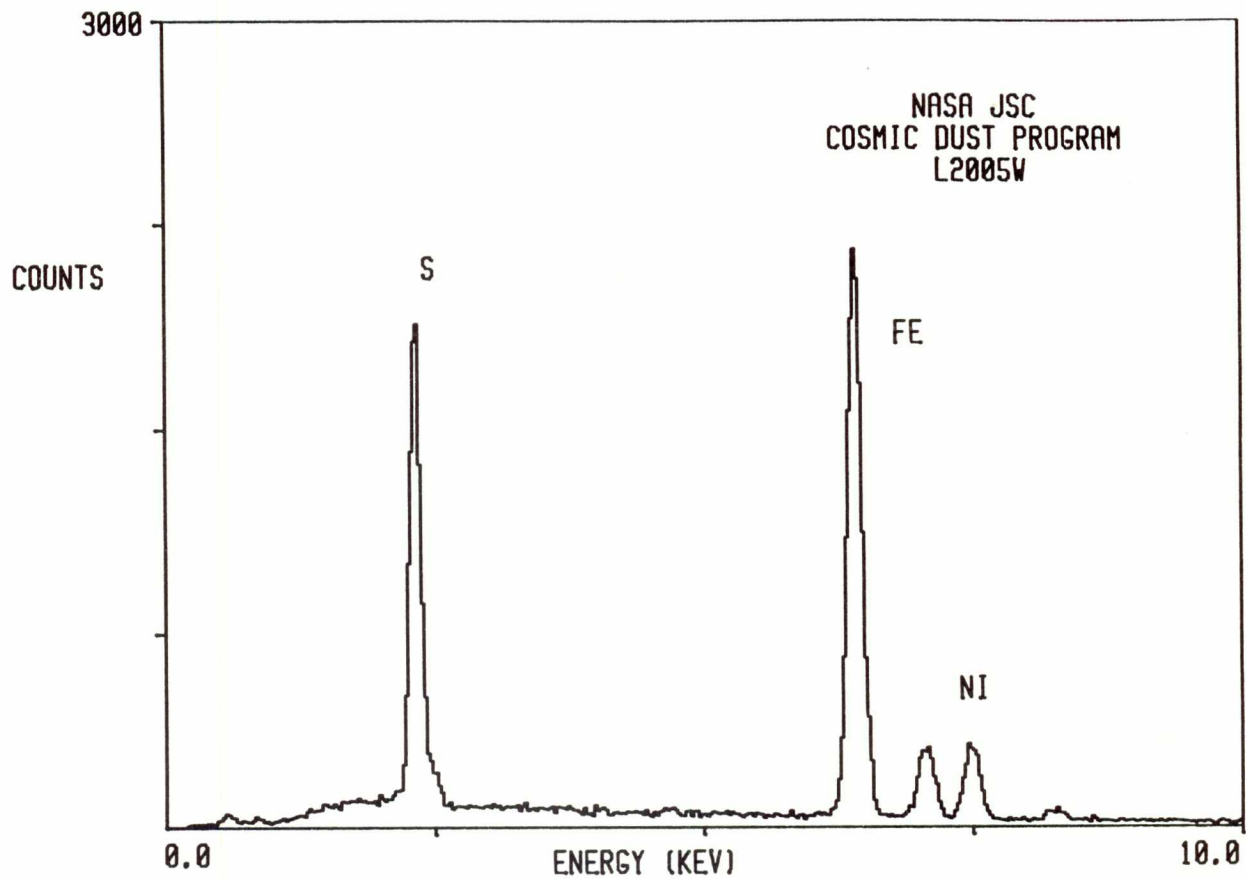


L2005 W 3

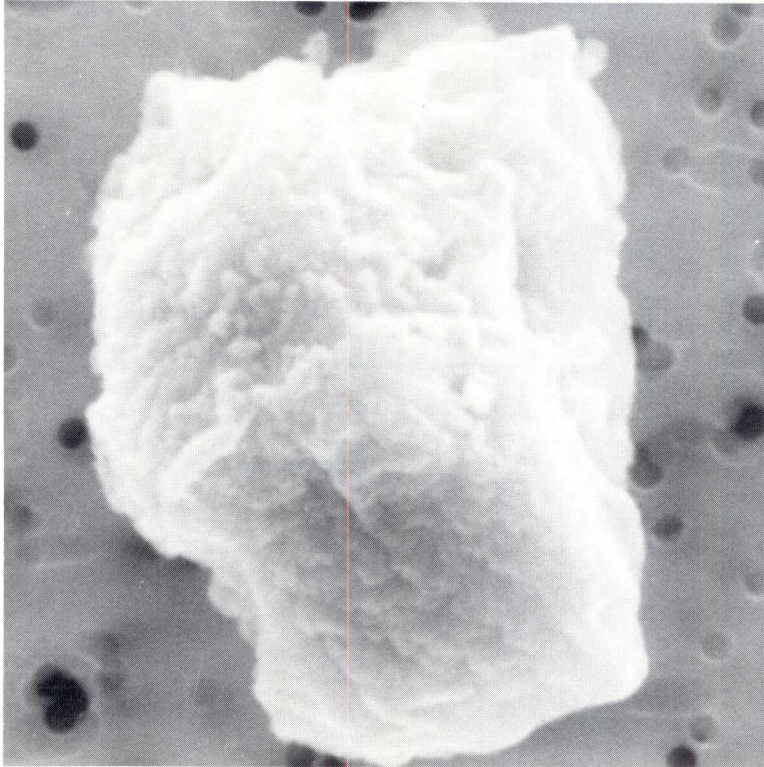


SIZE: 8  
SHAPE: S  
TRANS.: O  
COLOR: Gold to Black  
LUSTER: SM  
TYPE: C?  
COMMENTS:

S-91-32345

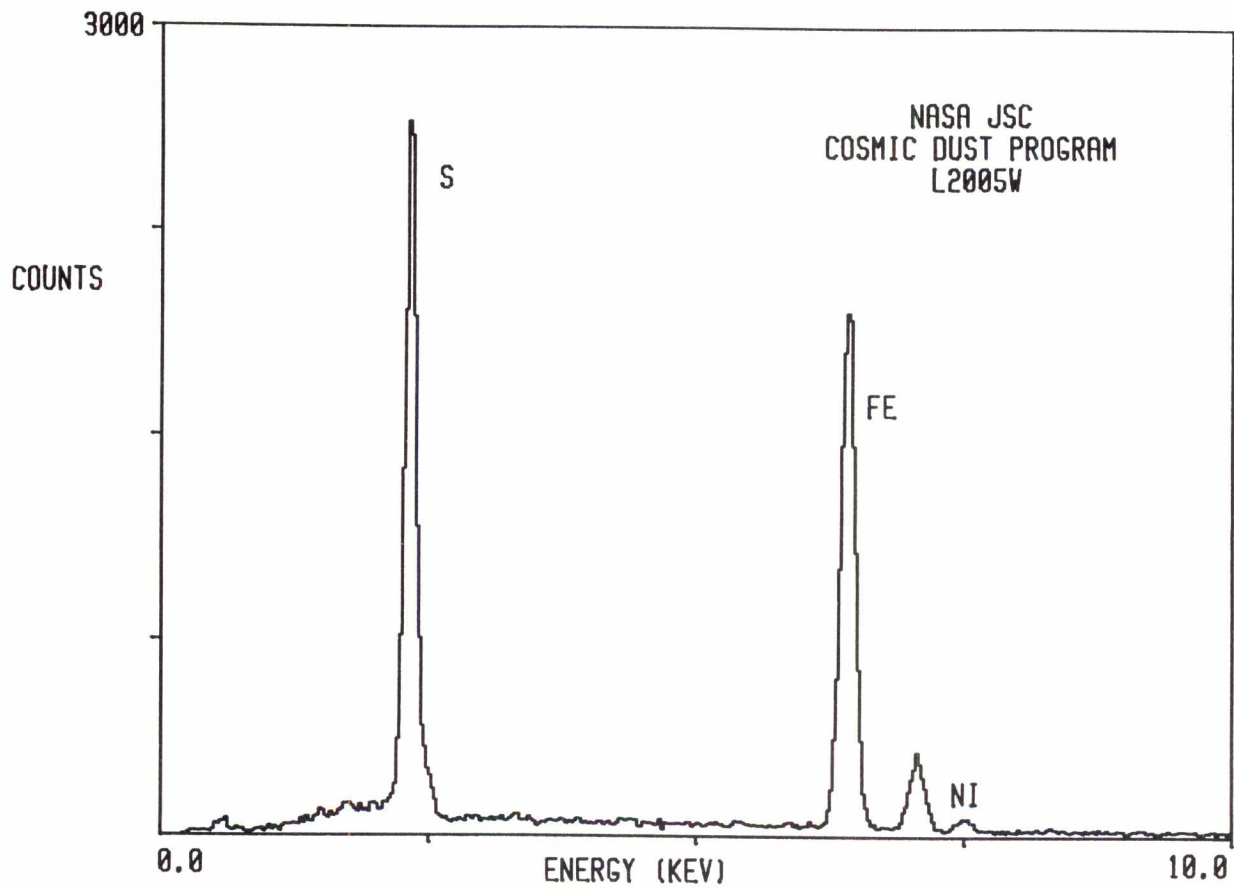


L2005 W 8

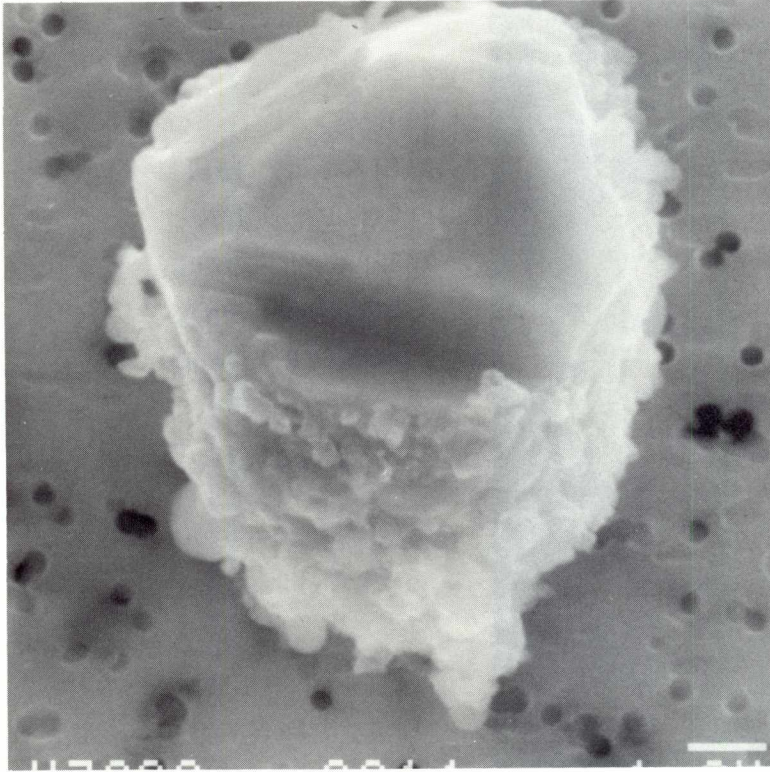


SIZE: 8x6  
SHAPE: I/E  
TRANS.: O  
COLOR: Bronze to Black  
LUSTER: SM  
TYPE: C?  
COMMENTS:

S-91-32350

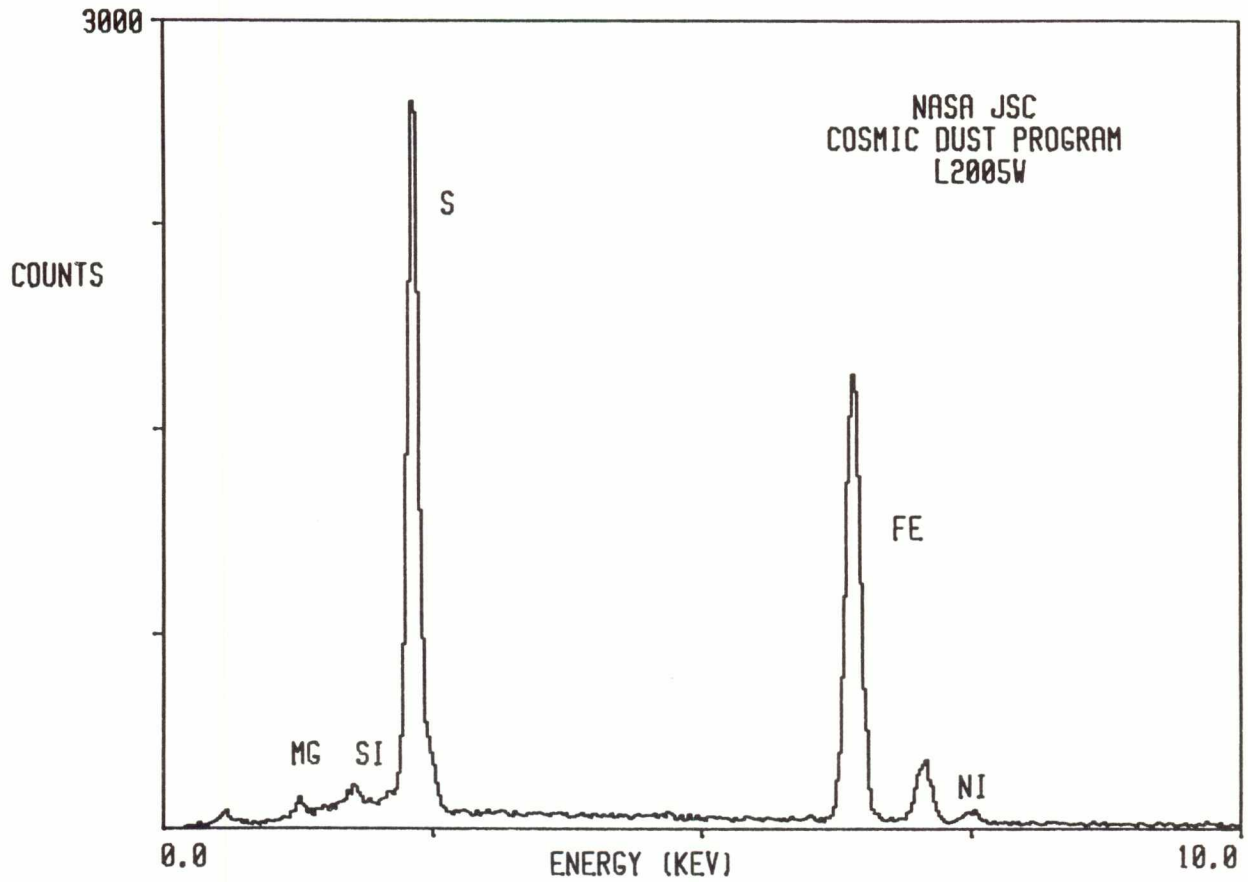


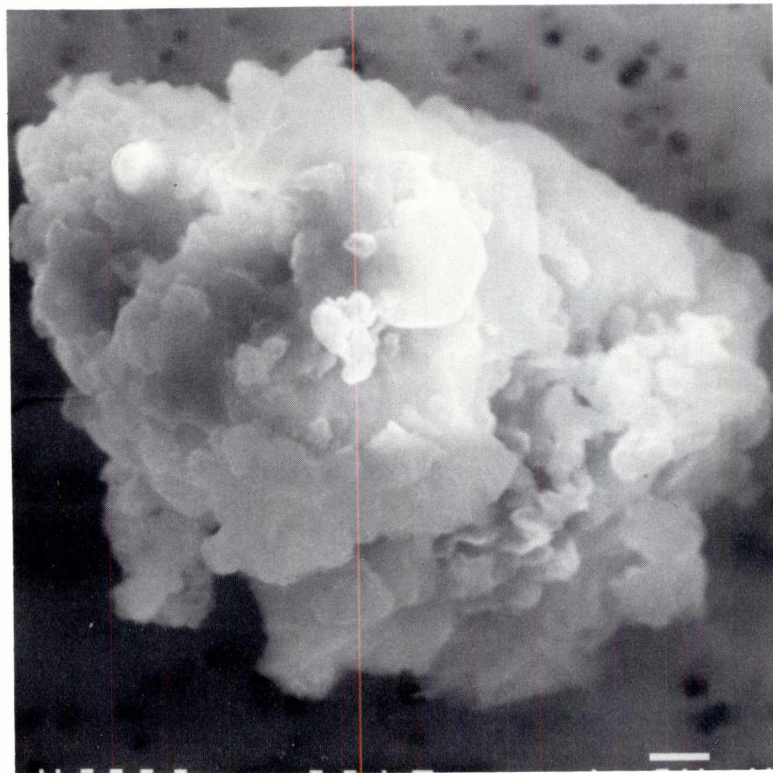
L2005 W 11



SIZE: 10x8  
SHAPE: S/E  
TRANS.: O  
COLOR: Brown to Black  
LUSTER: SV/D  
TYPE: C?  
COMMENTS:

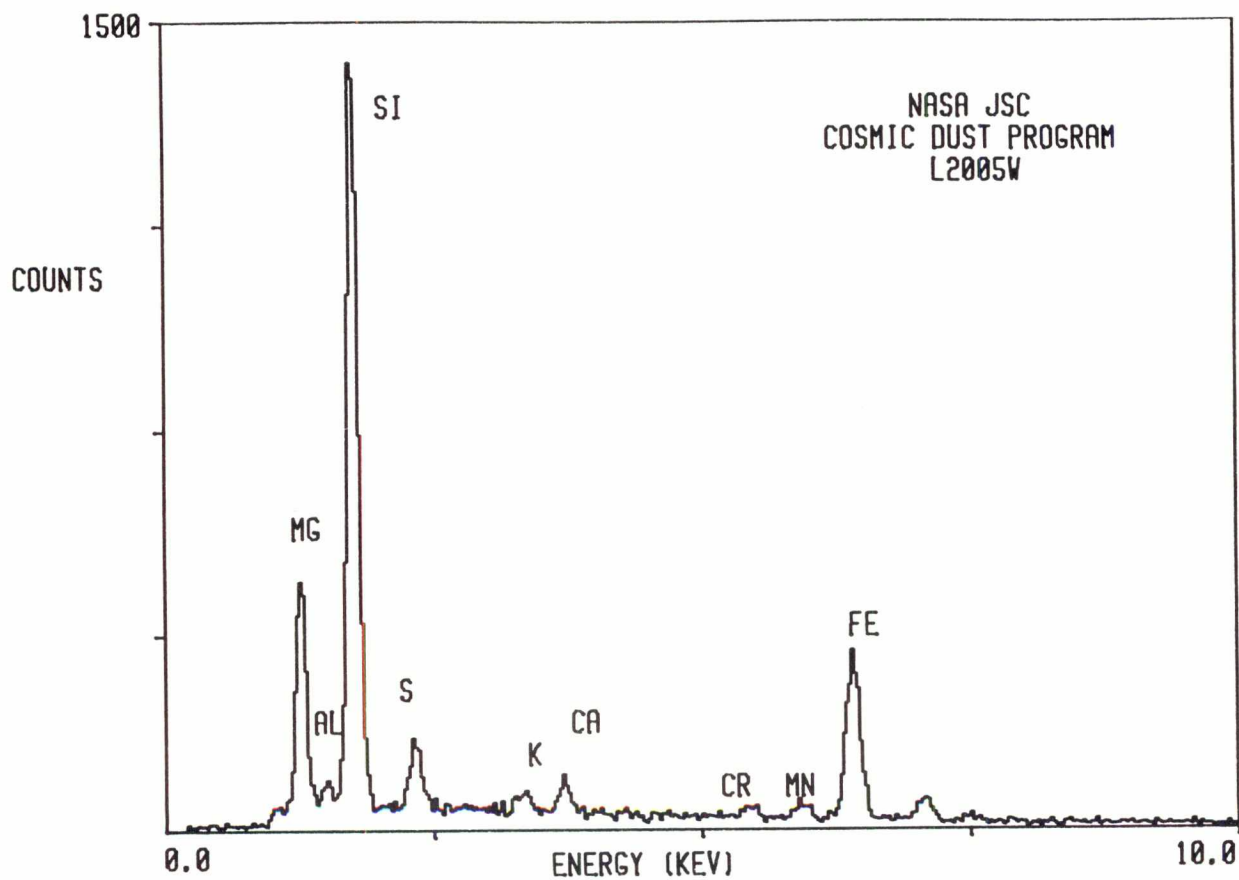
S-91-32353



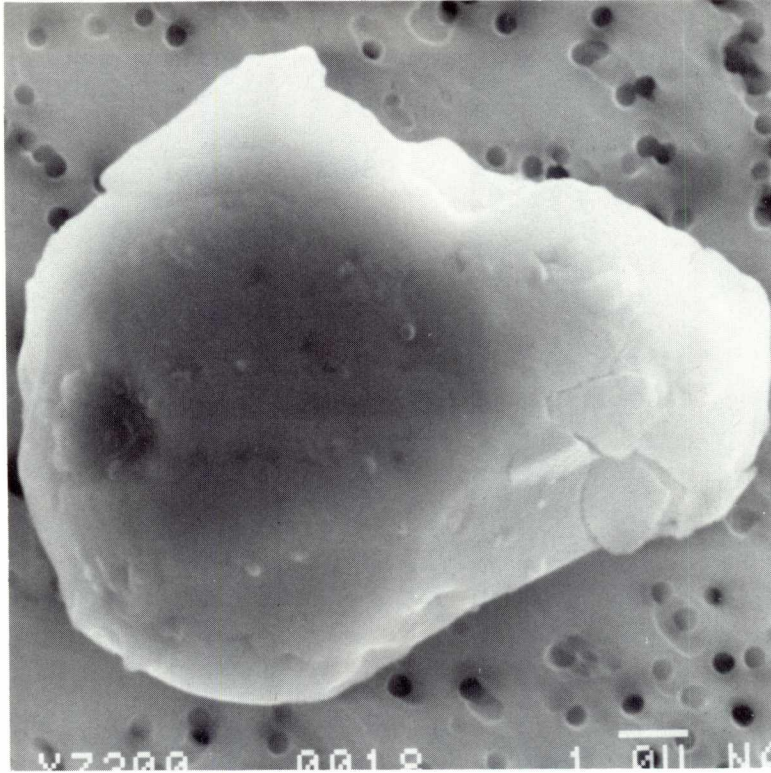


SIZE: 15x11  
SHAPE: I/E  
TRANS.: O/TL  
COLOR: Black  
LUSTER: SM/D  
TYPE: C?  
COMMENTS:

S-91-32355

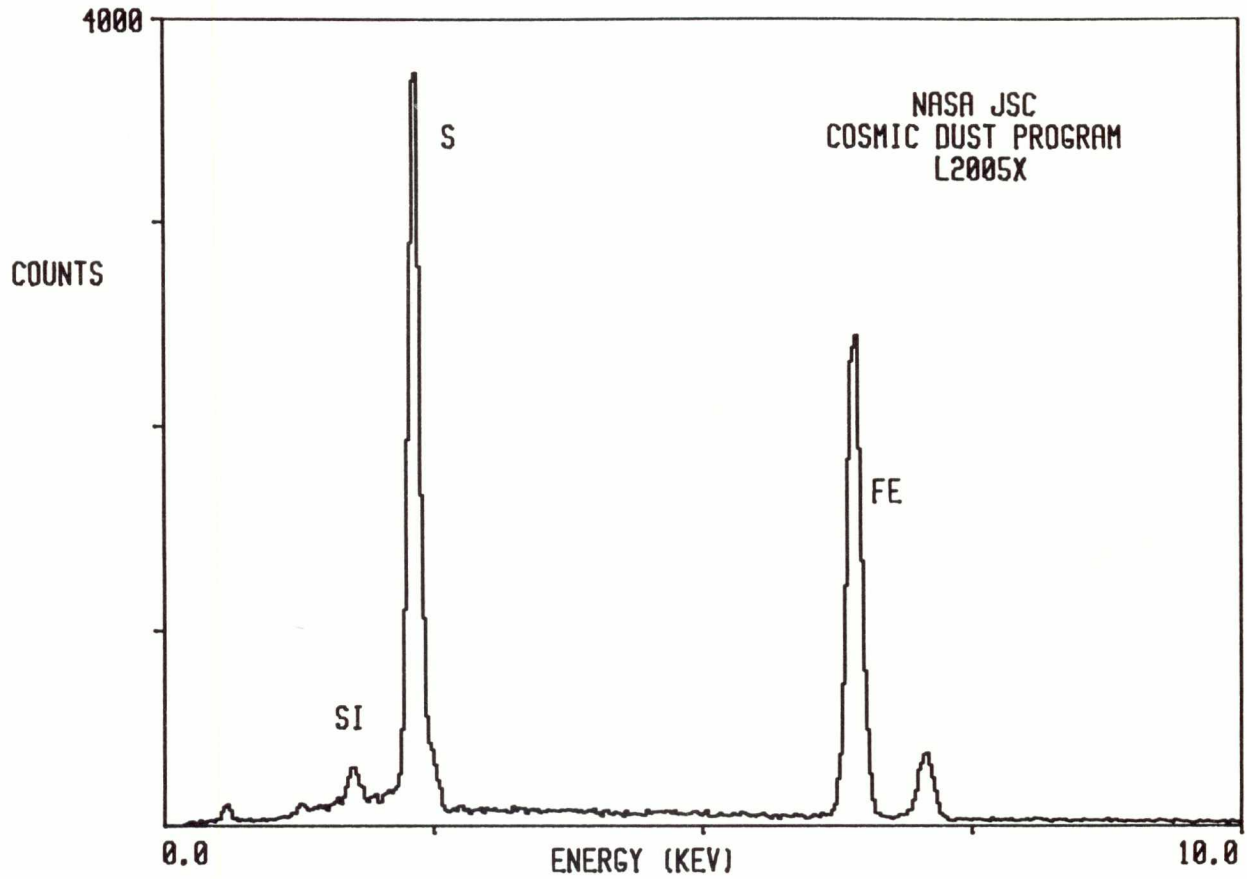


L2005 X 2



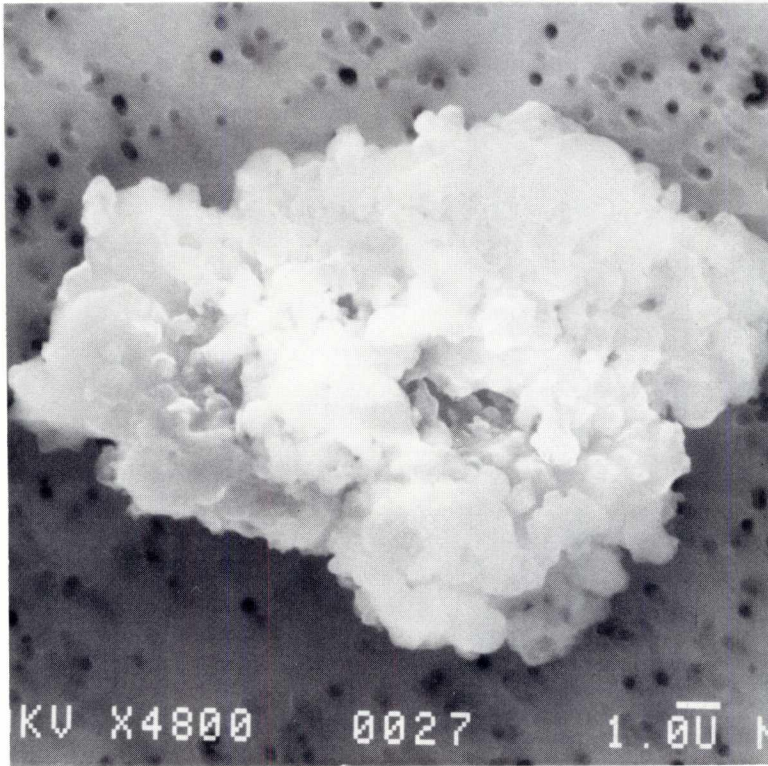
SIZE: 13x10  
SHAPE: E/S  
TRANS.: O  
COLOR: Black  
LUSTER: D/SM  
TYPE: C?  
COMMENTS:

S-91-32178



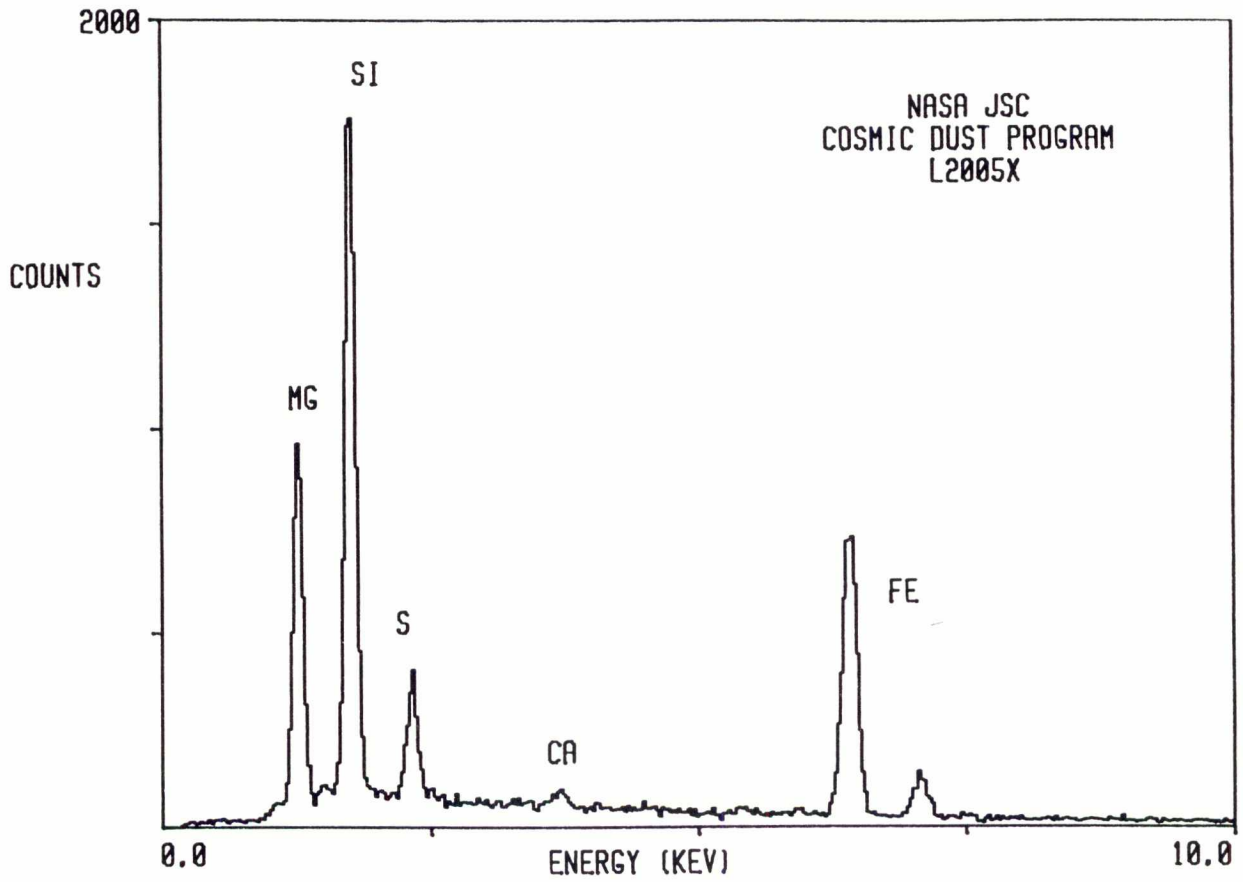


L2005 X 11

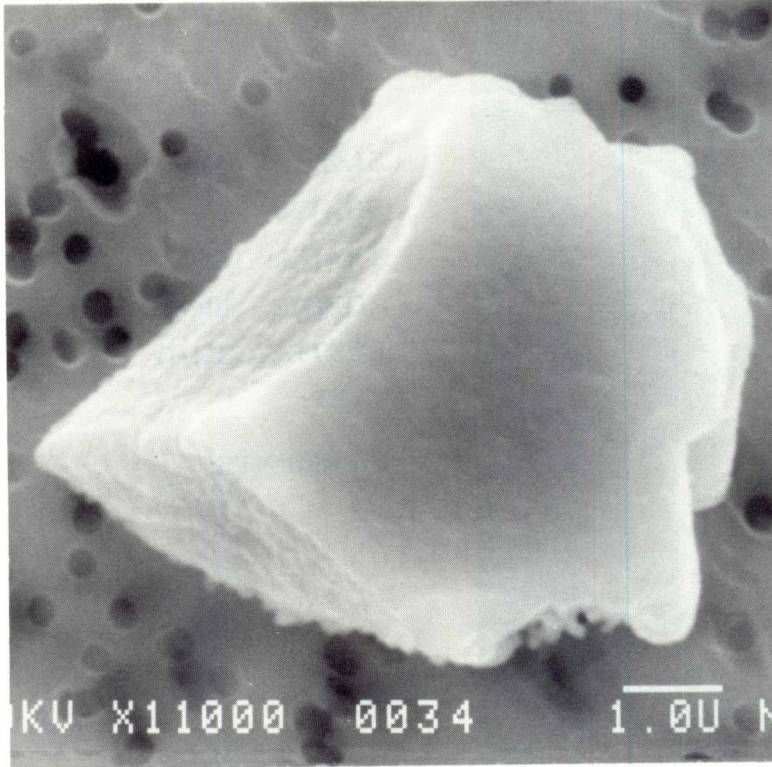


SIZE: 18x13  
SHAPE: I  
TRANS.: O/TL  
COLOR: Black  
LUSTER: SM/D  
TYPE: C  
COMMENTS:

S-91-32187

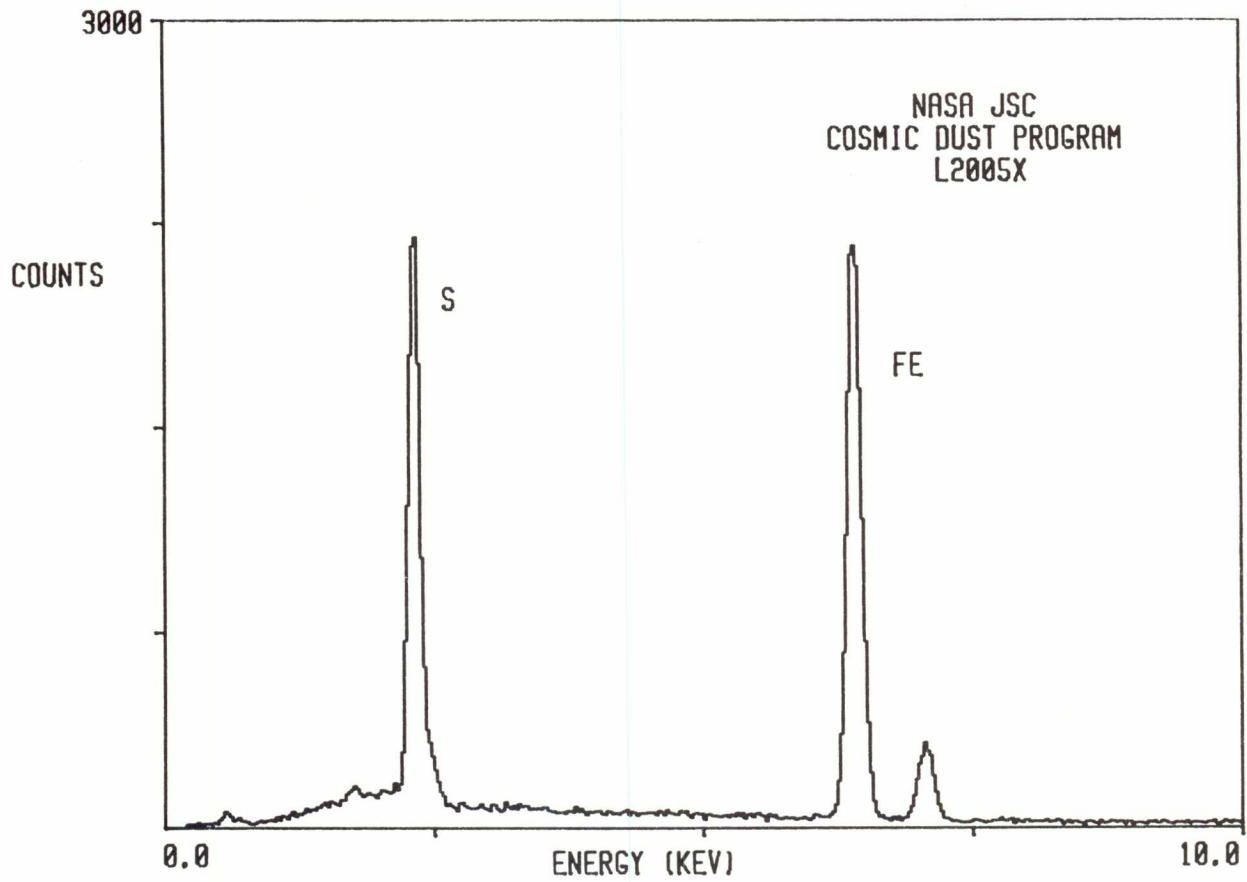


L2005 X 14

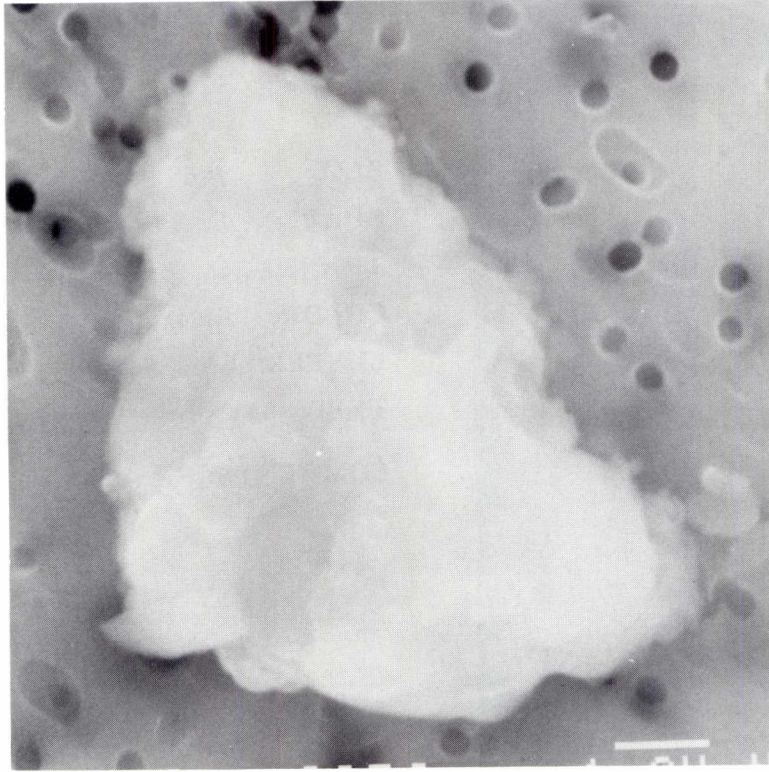


SIZE: 7x6  
SHAPE: E  
TRANS.: O  
COLOR: Black  
LUSTER: SM  
TYPE: C?  
COMMENTS:

S-91-32190

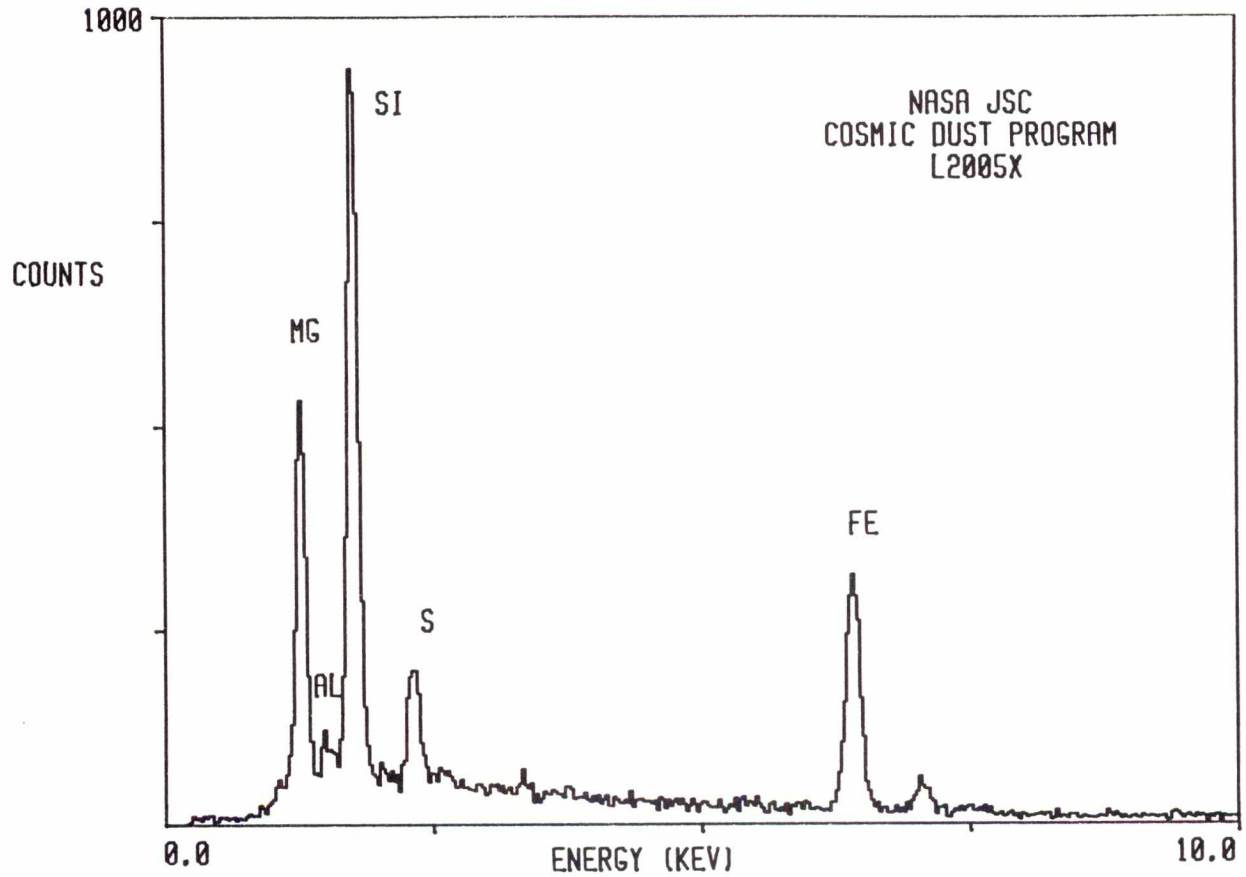


L2005 X 15

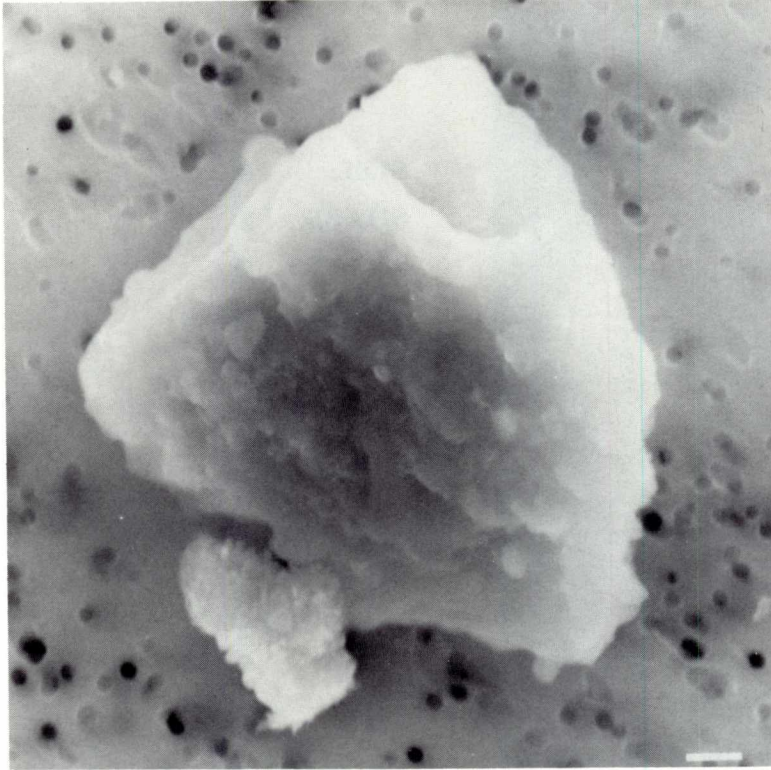


SIZE: 8x6  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM/D  
TYPE: C  
COMMENTS:

S-91-32191

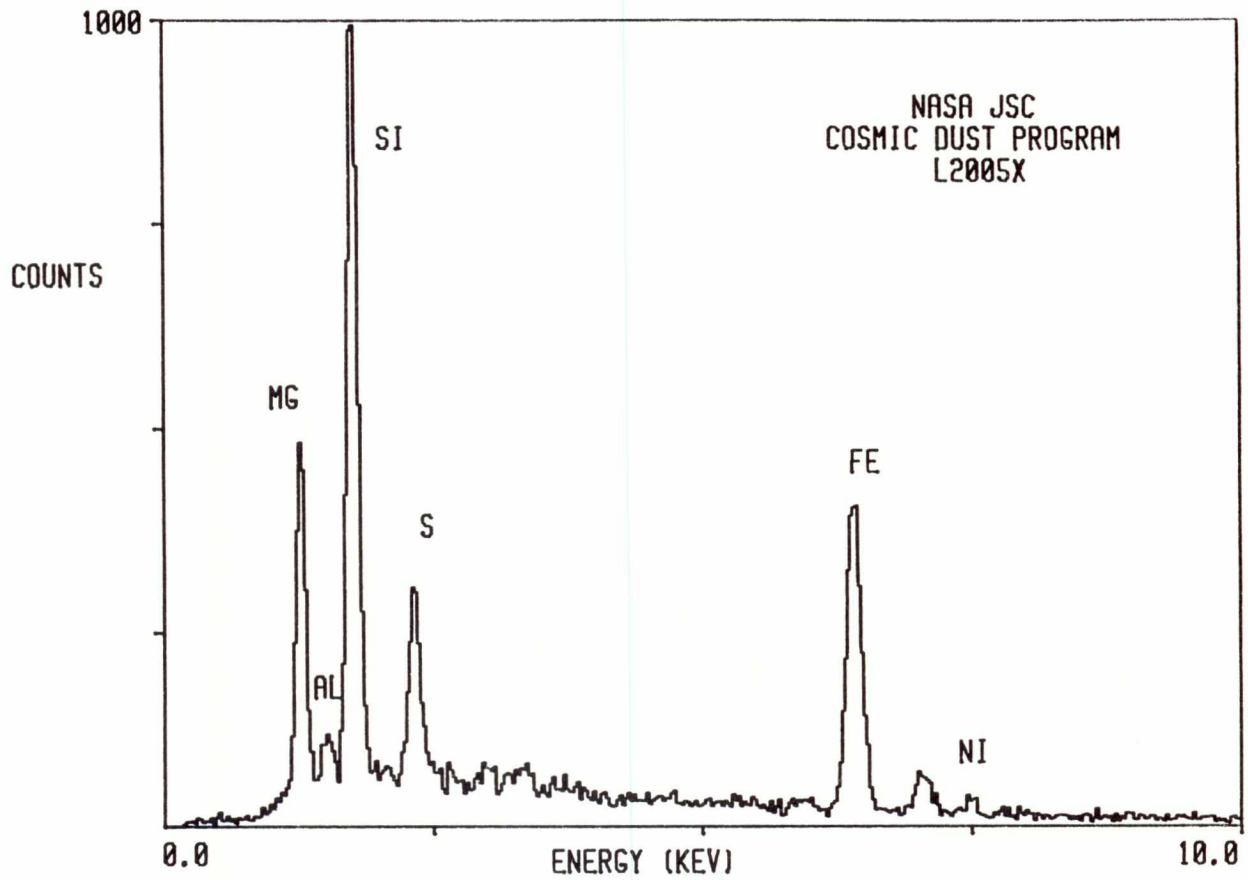


L2005 X 17

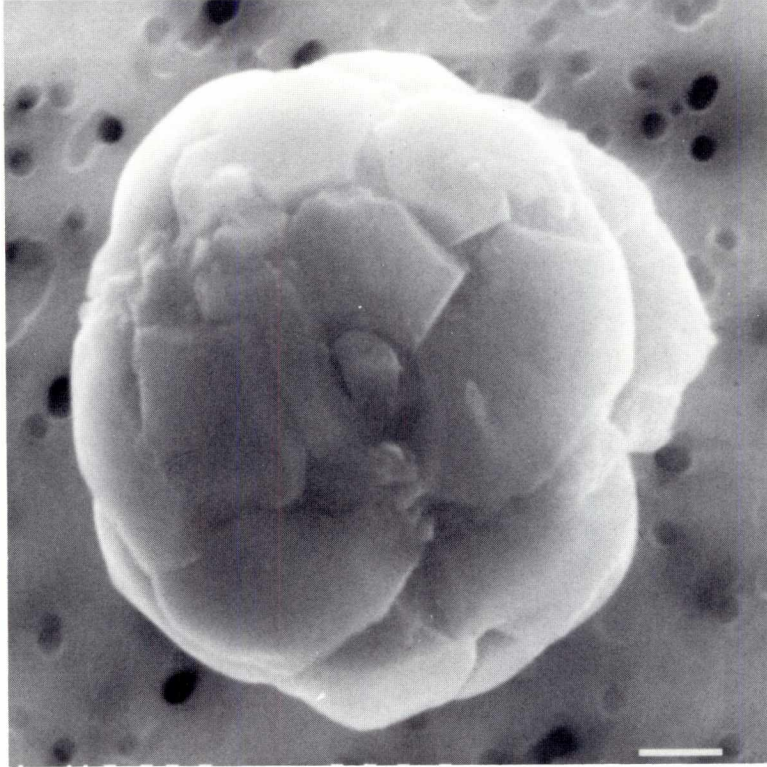


SIZE: 13x11  
SHAPE: I  
TRANS.: O/TL  
COLOR: Black  
LUSTER: SM/SV  
TYPE: C  
COMMENTS:

S-91-32193

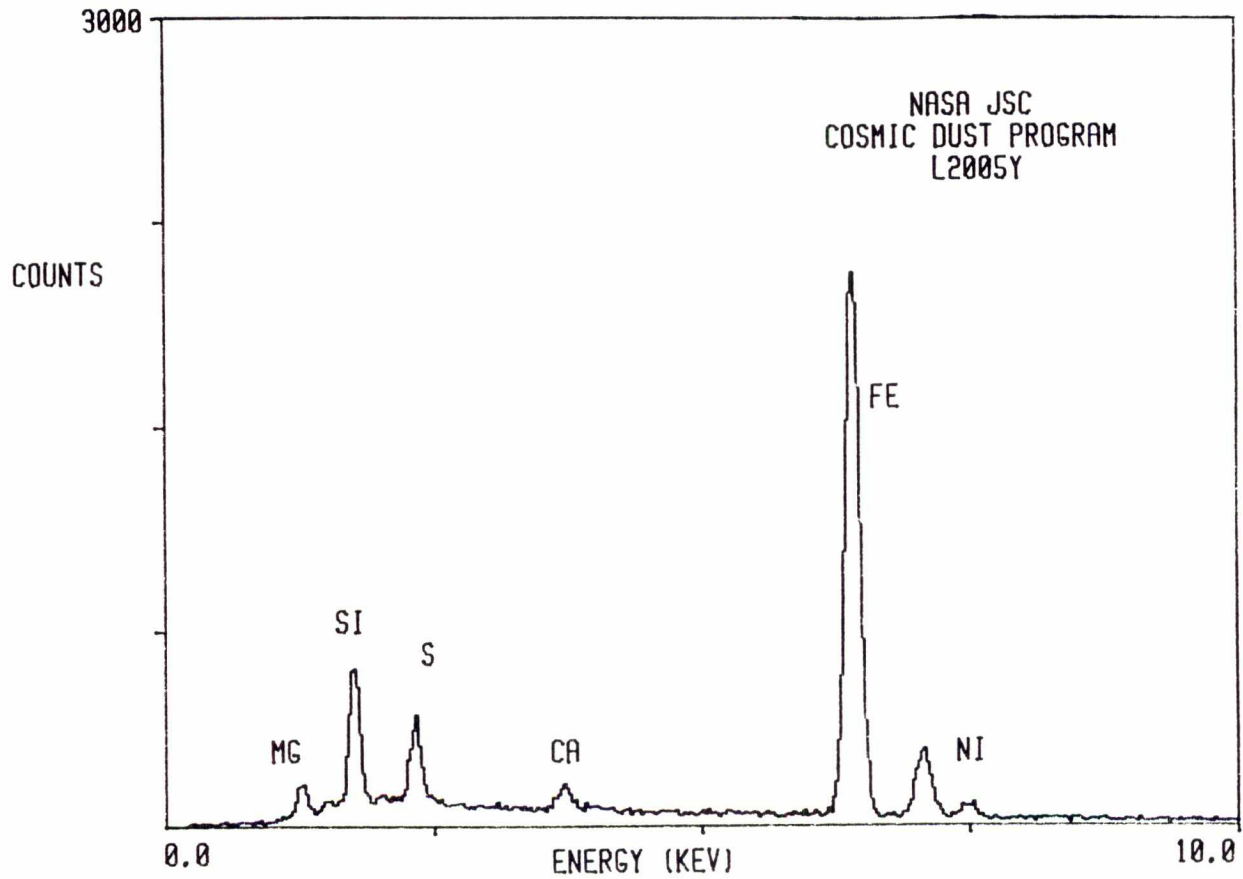


L2005 Y 5

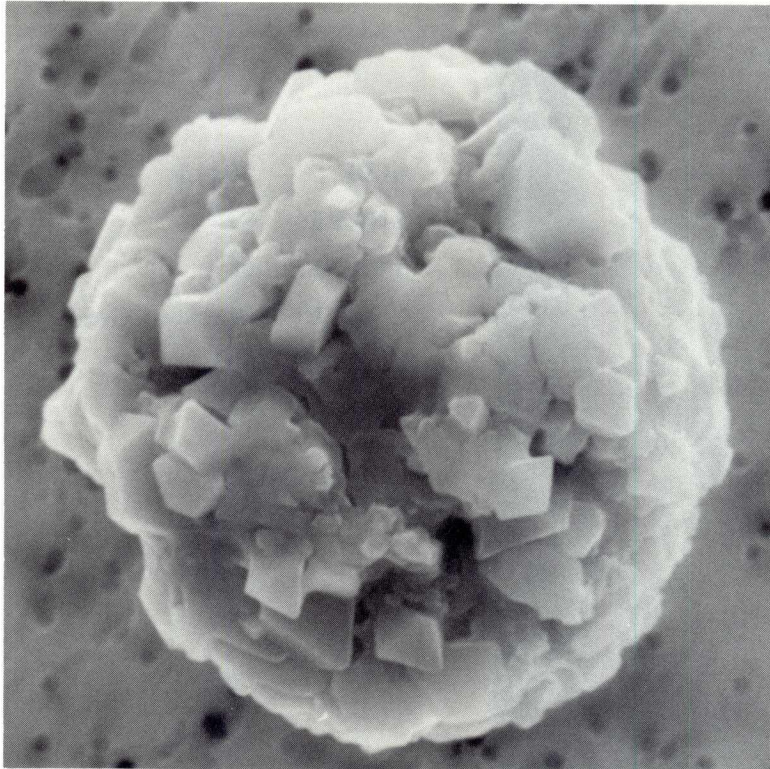


SIZE: 8  
SHAPE: S  
TRANS.: O  
COLOR: Black  
LUSTER: SM  
TYPE: C  
COMMENTS:

S-91-32149

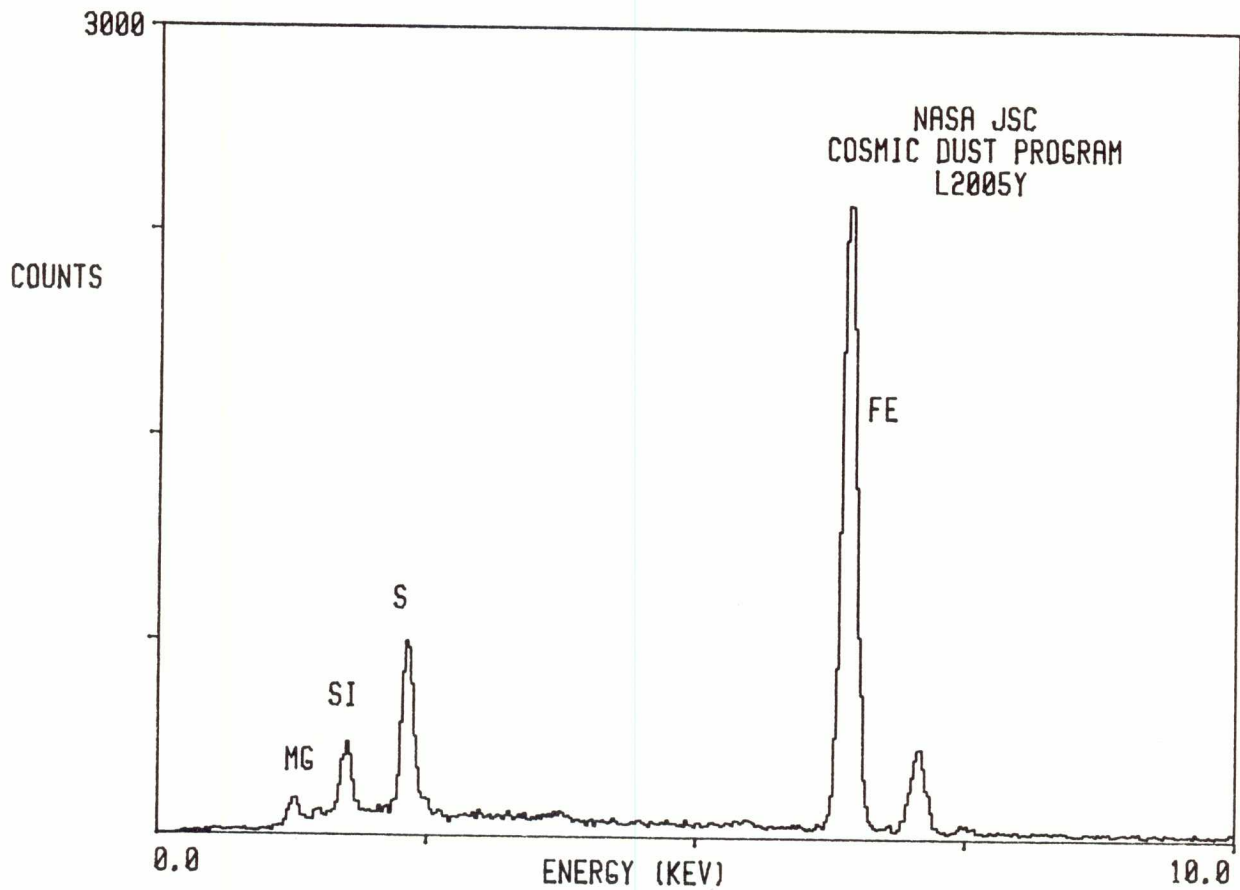


L2005 Y 14

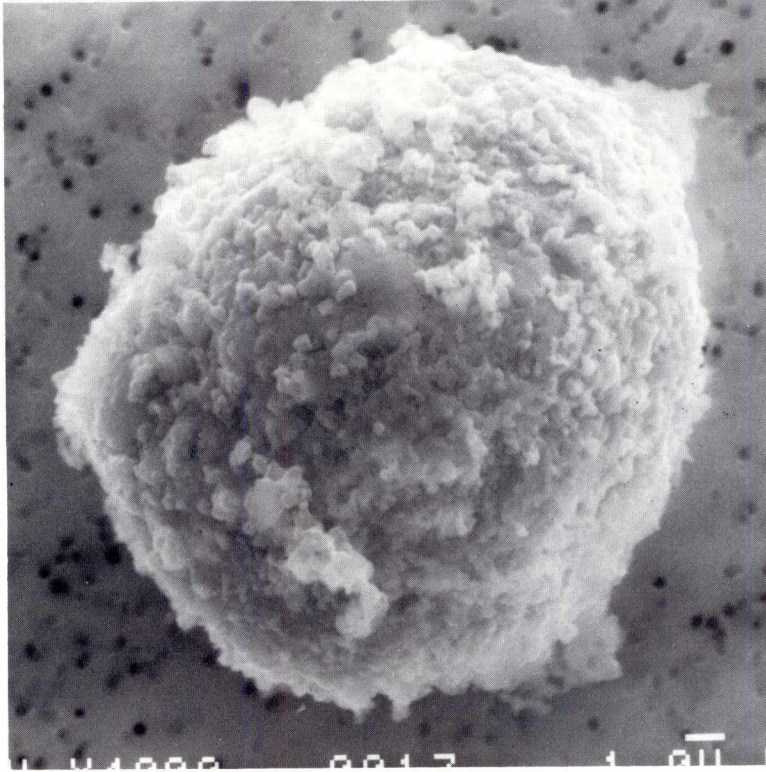


SIZE: 11  
SHAPE: S  
TRANS.: O  
COLOR: Black  
LUSTER: SM/SV  
TYPE: C  
COMMENTS:

S-91-32158

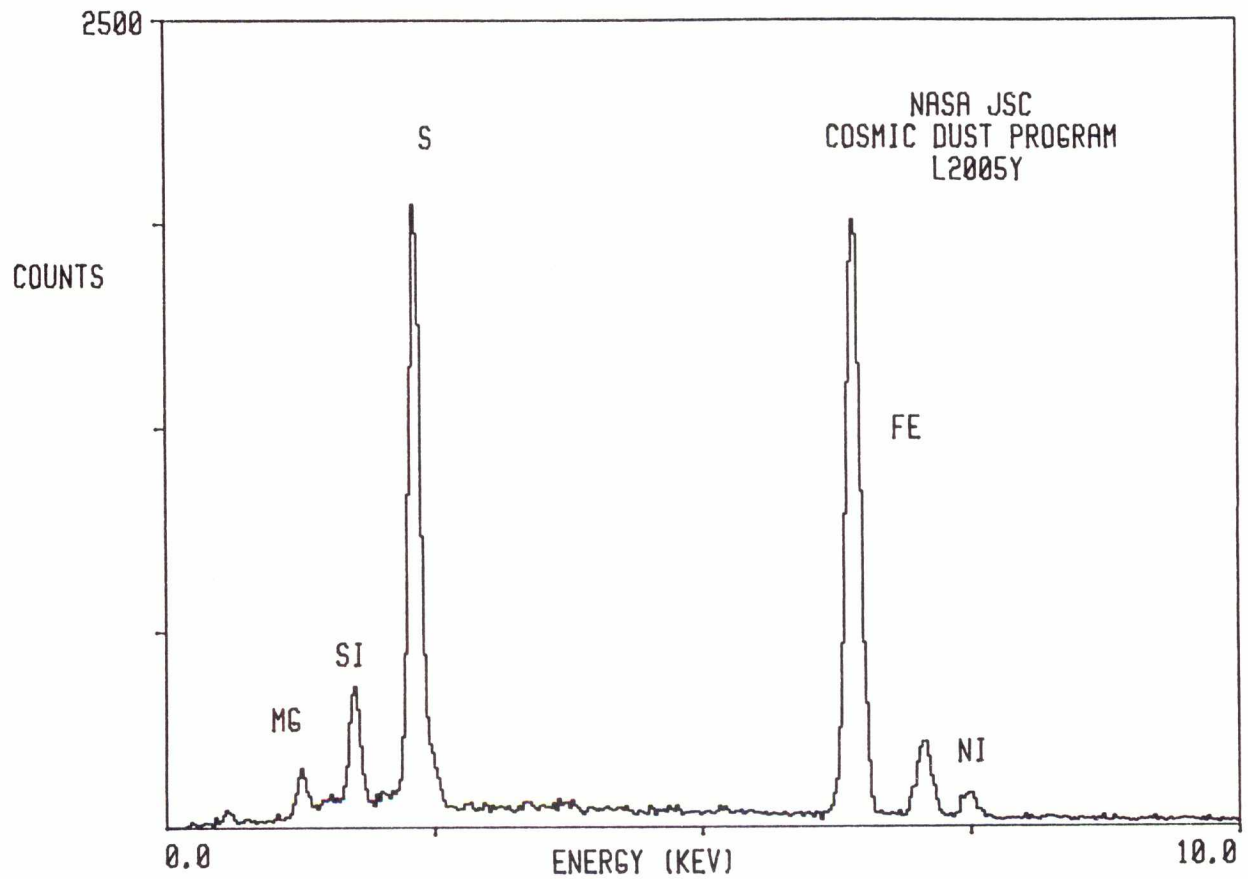


L2005 Y 16

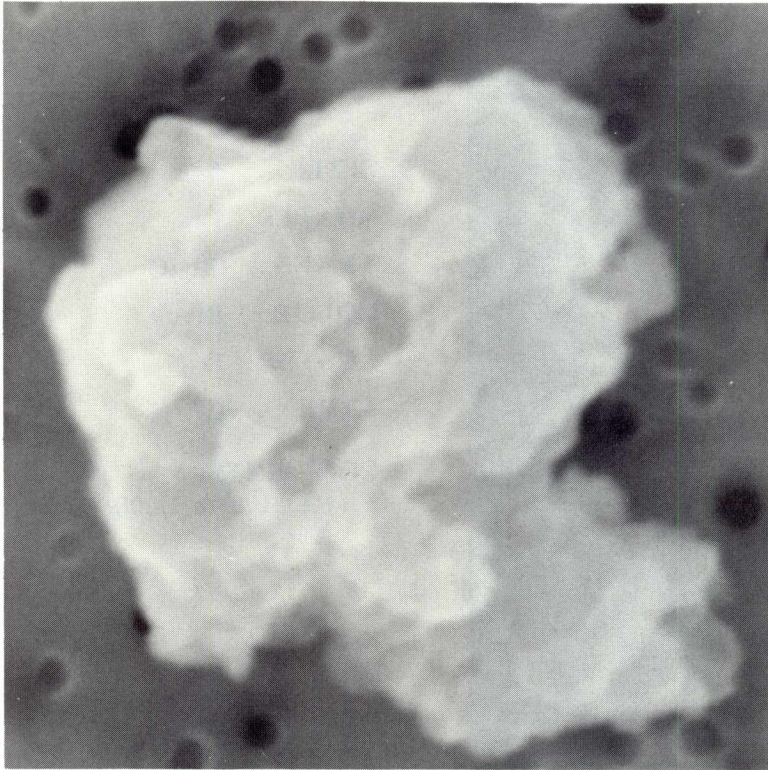


SIZE: 20x18  
SHAPE: S  
TRANS.: O  
COLOR: Black to Gold  
LUSTER: SM  
TYPE: C  
COMMENTS:

S-91-32160

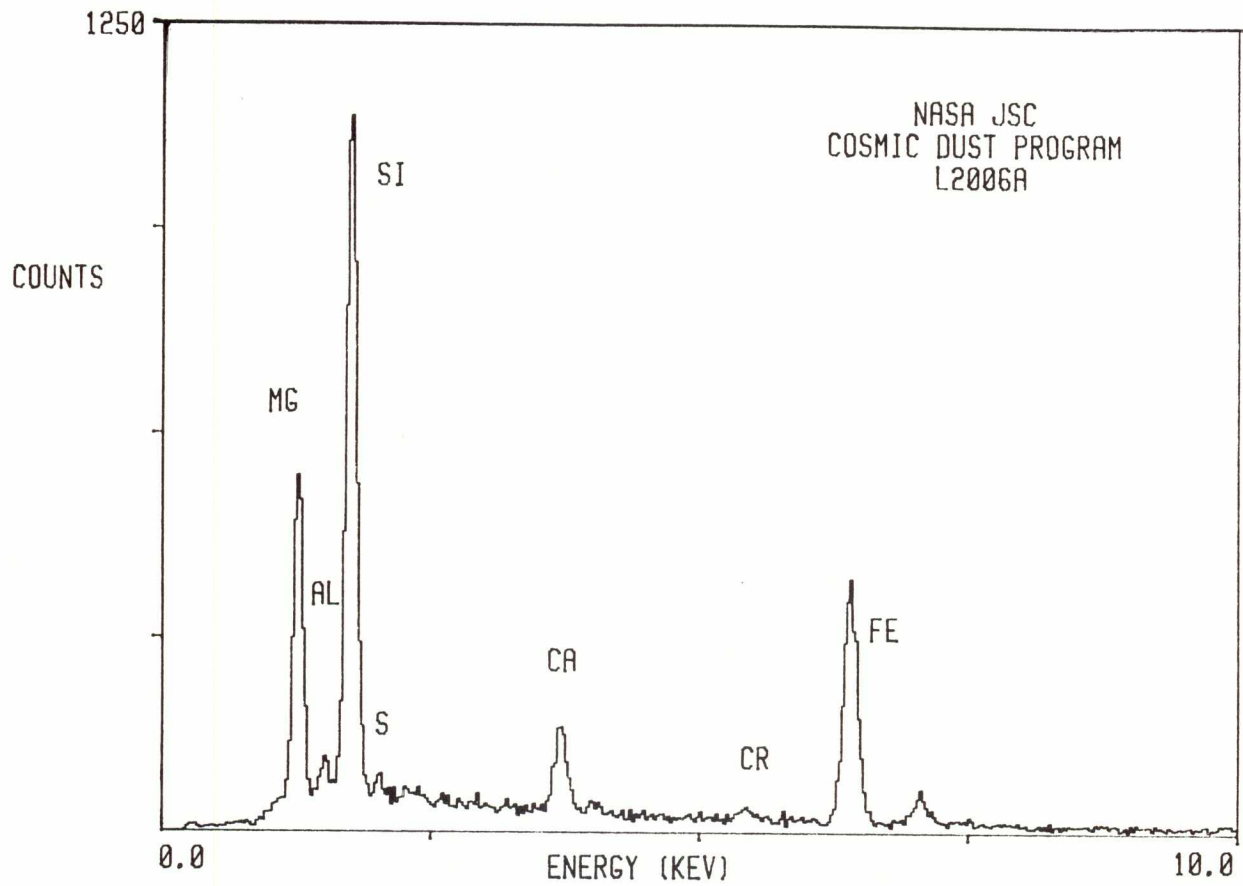


L2006 A 3



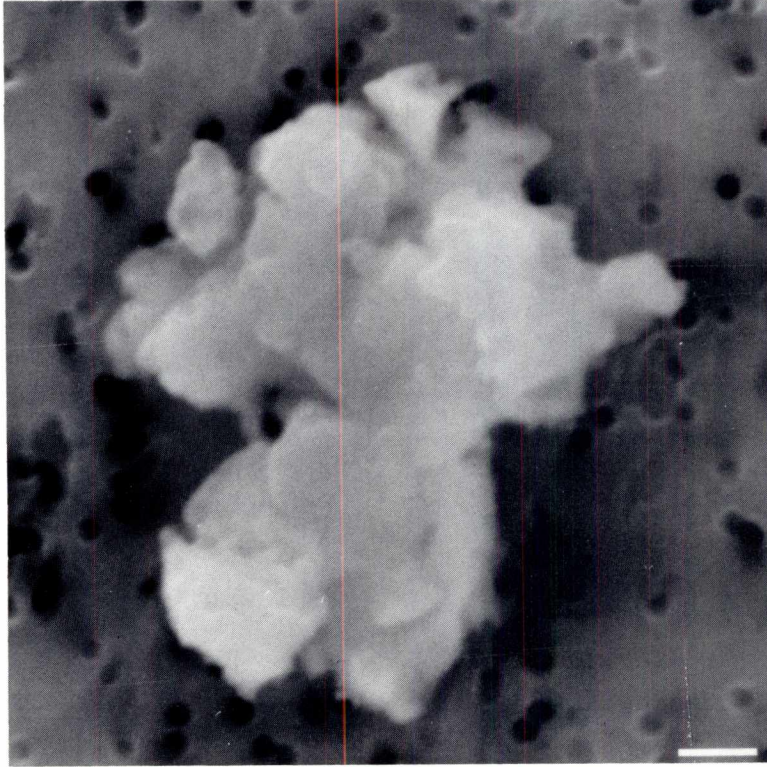
SIZE: 6  
SHAPE: I  
TRANS.: TL/O  
COLOR: Black  
LUSTER: D  
TYPE: C?  
COMMENTS:  
Related to L2006  
A4

S-91-32165



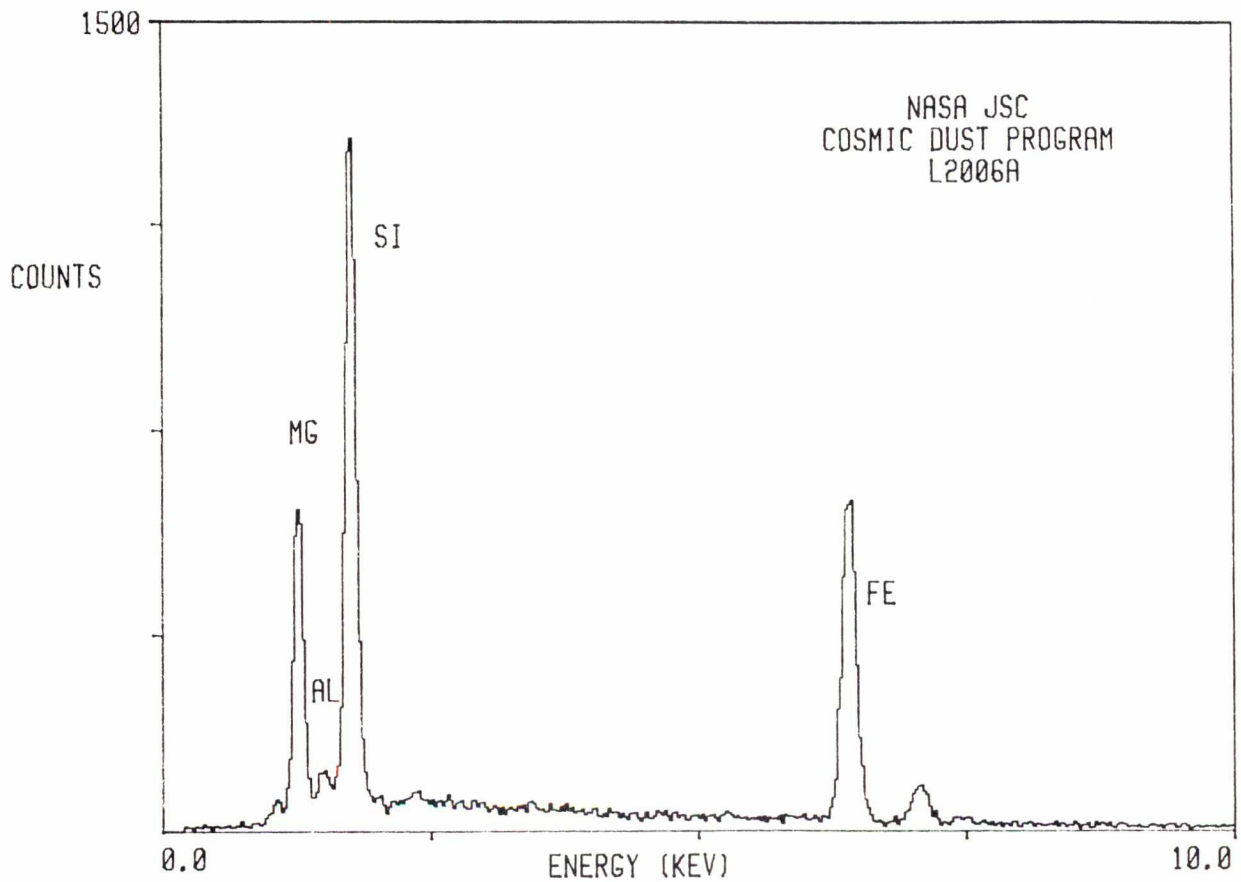


L2006 A 4

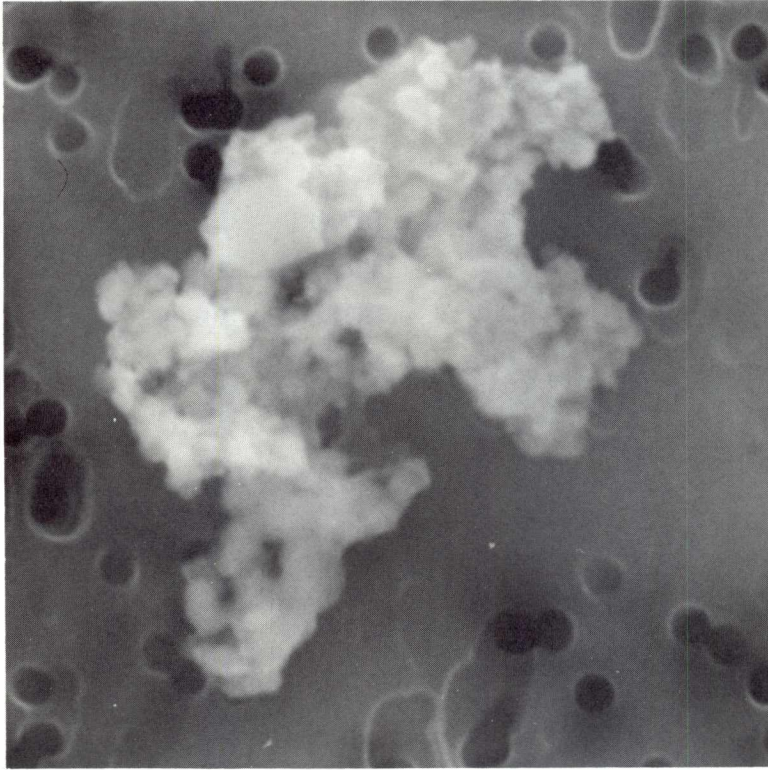


SIZE: 5  
SHAPE: I  
TRANS.: TL/O  
COLOR: Black  
LUSTER: D  
TYPE: C?  
COMMENTS:  
Related to L2006  
A3

S-91-32166



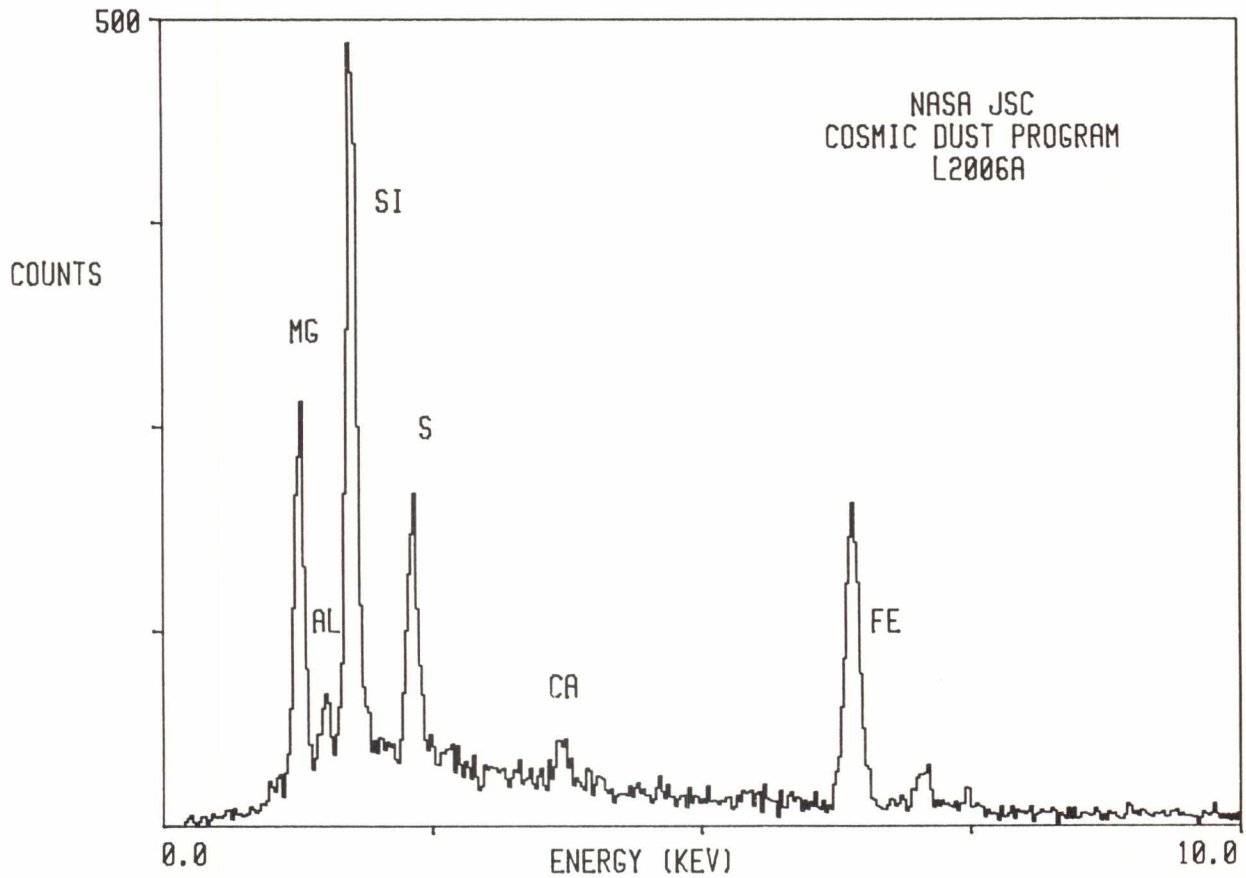
L2006 A 5



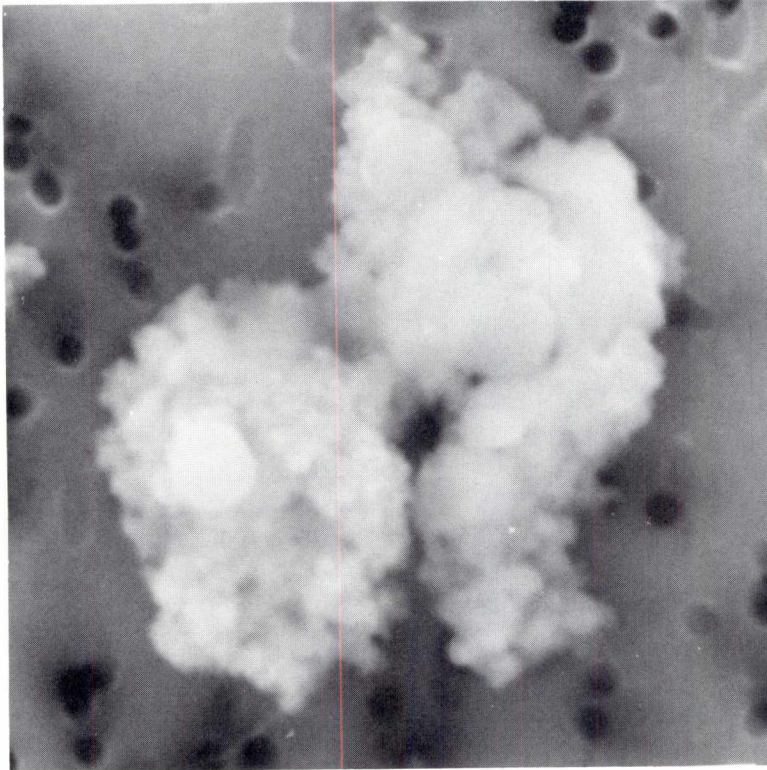
SIZE: 6  
SHAPE: I  
TRANS.: TL/O  
COLOR: Black  
LUSTER: D  
TYPE: C

COMMENTS:  
Related to L2006  
A6,A7,A8,A9 and  
A10

S-91-32167



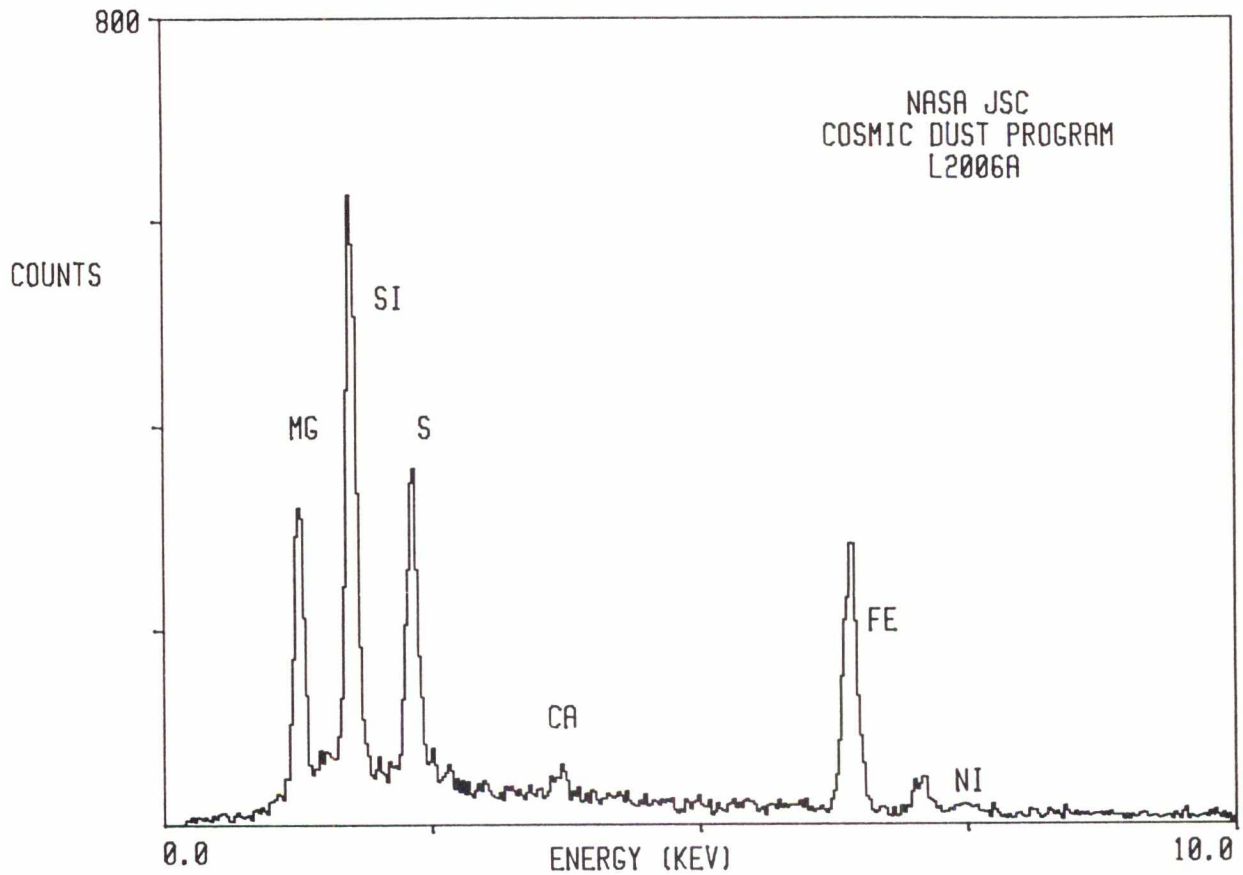
L2006 A 6



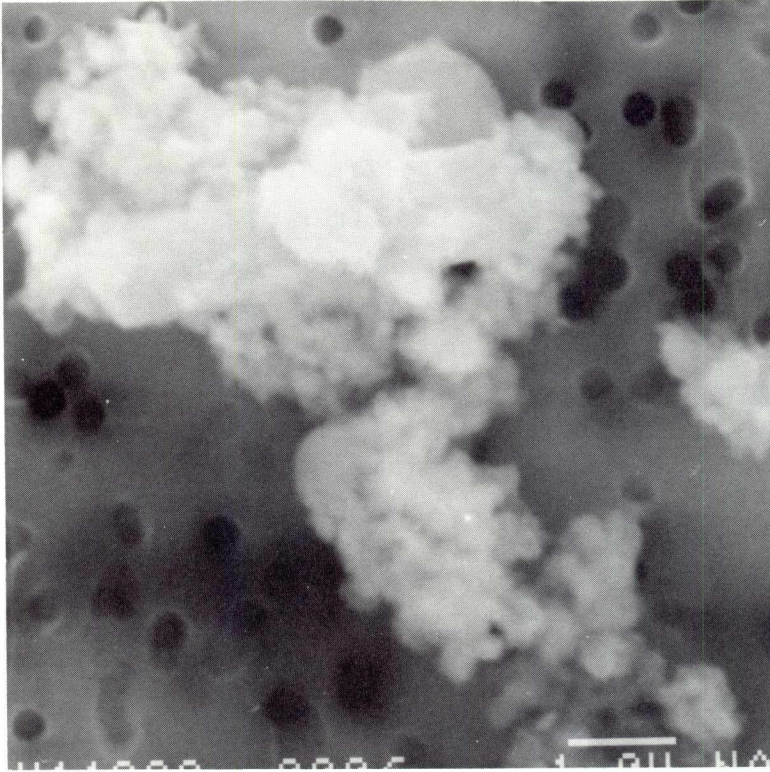
SIZE: 6  
SHAPE: I  
TRANS.: TL/O  
COLOR: Black  
LUSTER: D  
TYPE: C

COMMENTS:  
Related to L2006  
A5, A7, A8, A9 and  
A10

S-91-32168



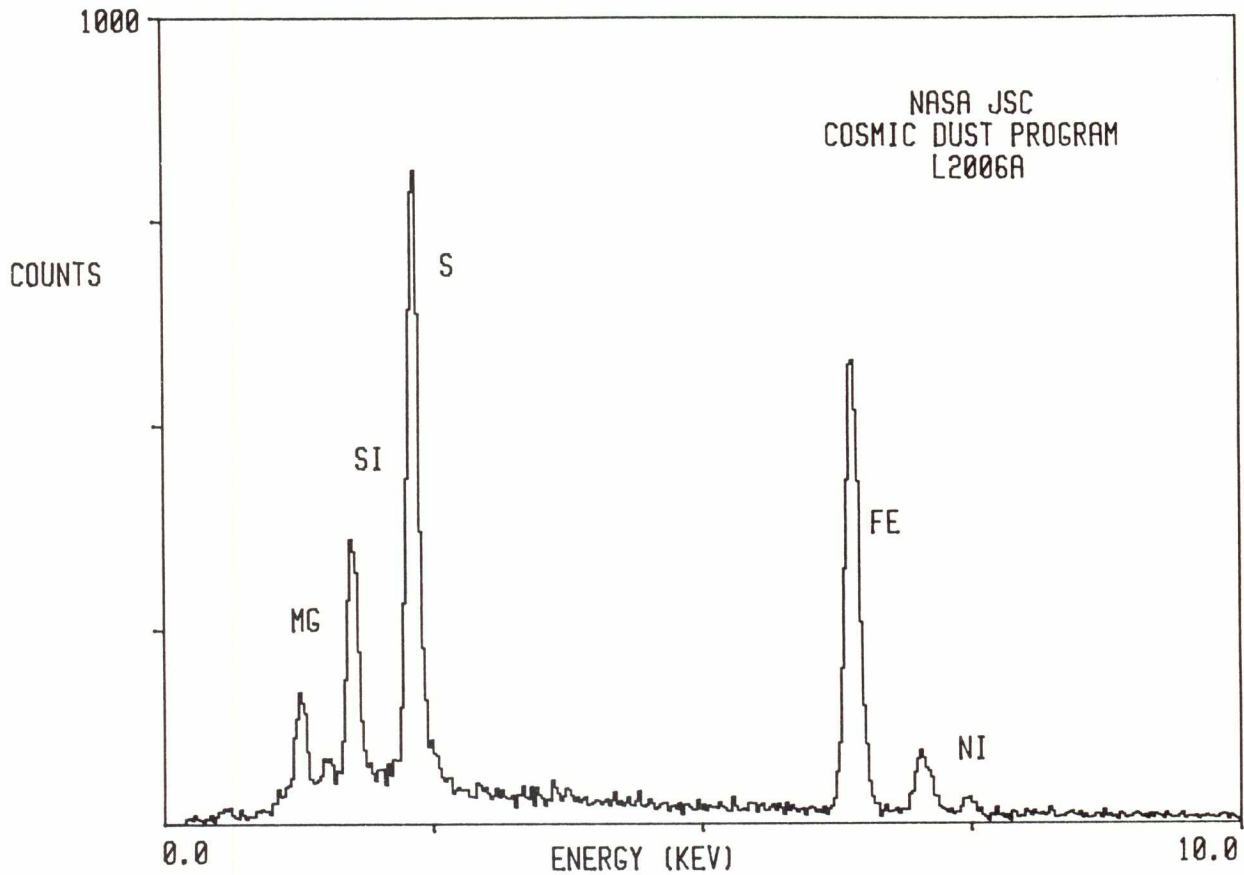
L2006 A 7



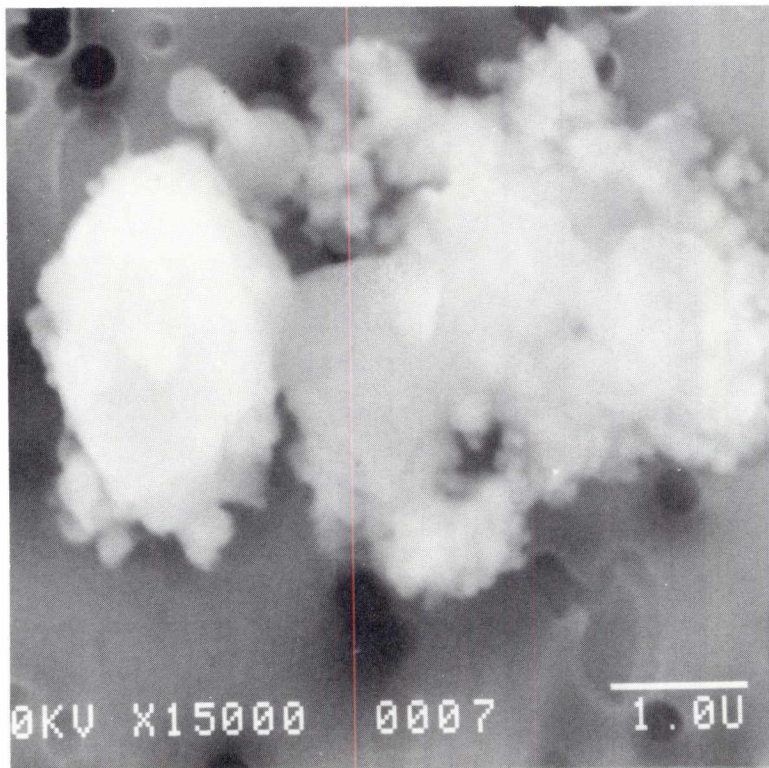
SIZE: 8  
SHAPE: I  
TRANS.: TL/O  
COLOR: Black  
LUSTER: D  
TYPE: C

COMMENTS:  
Related to L2006  
A5, A6, A8, A9 and  
A10

S-91-32169



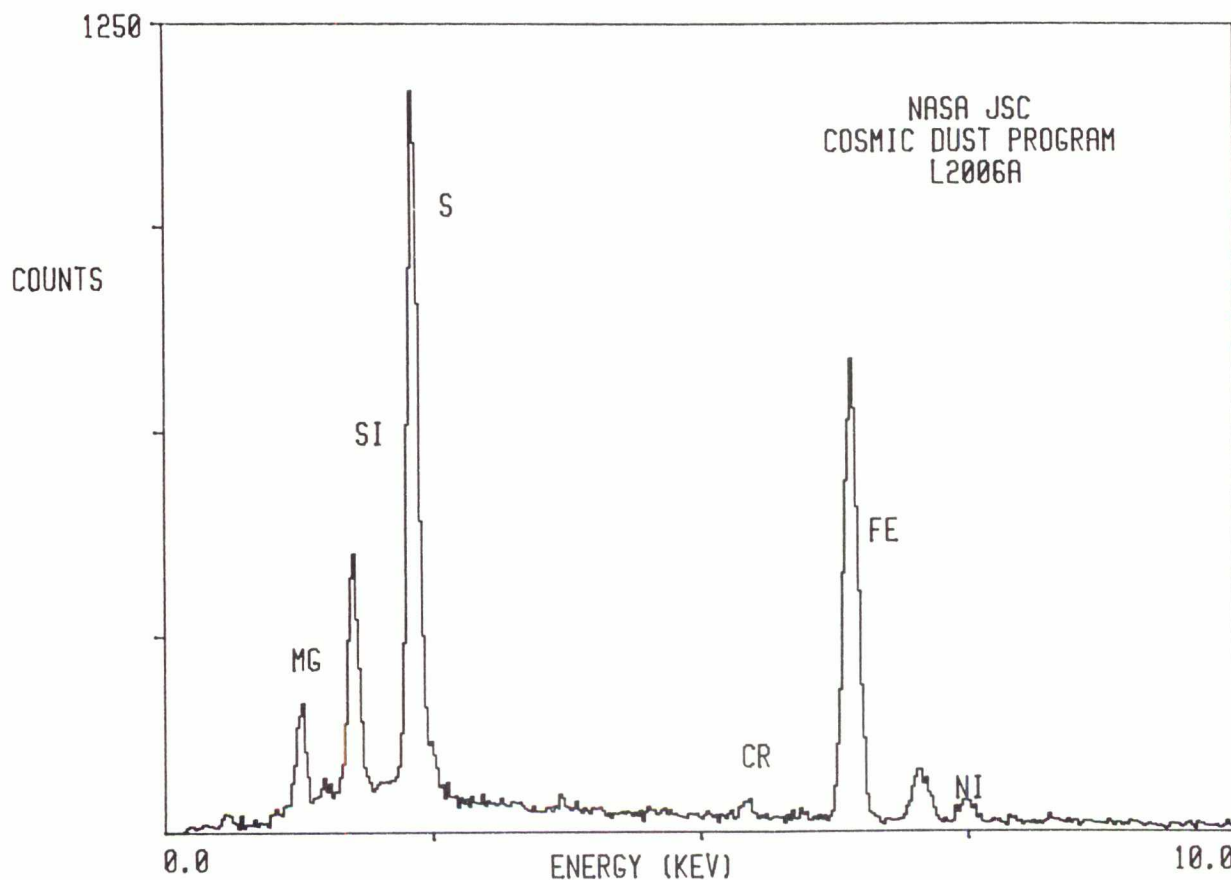
L2006 A 8



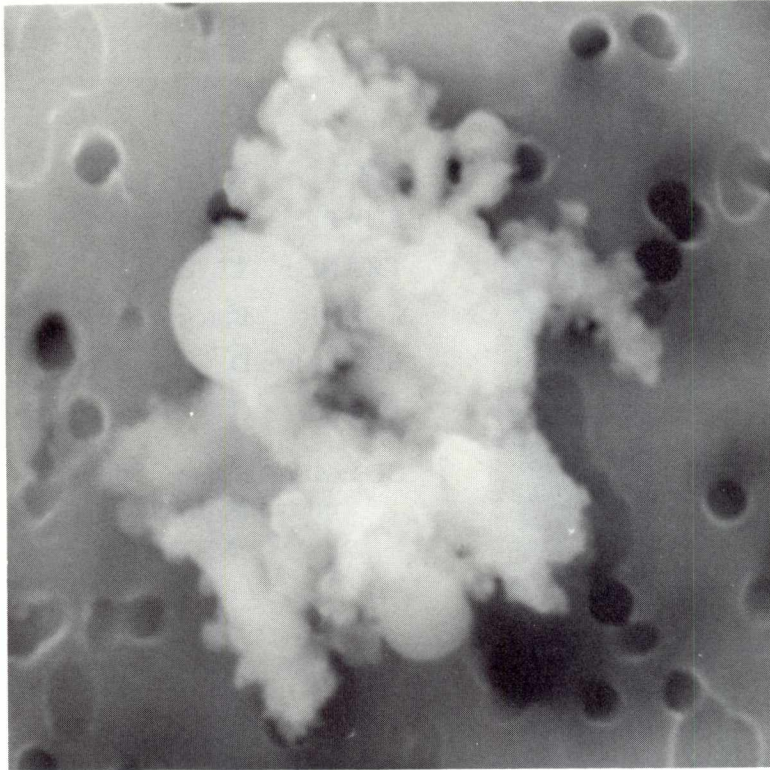
SIZE: 5  
SHAPE: I  
TRANS.: TL/O  
COLOR: Black  
LUSTER: D  
TYPE: C

COMMENTS:  
Related to L2006  
A5,A6,A7,A9 and  
A10

S-91-32170



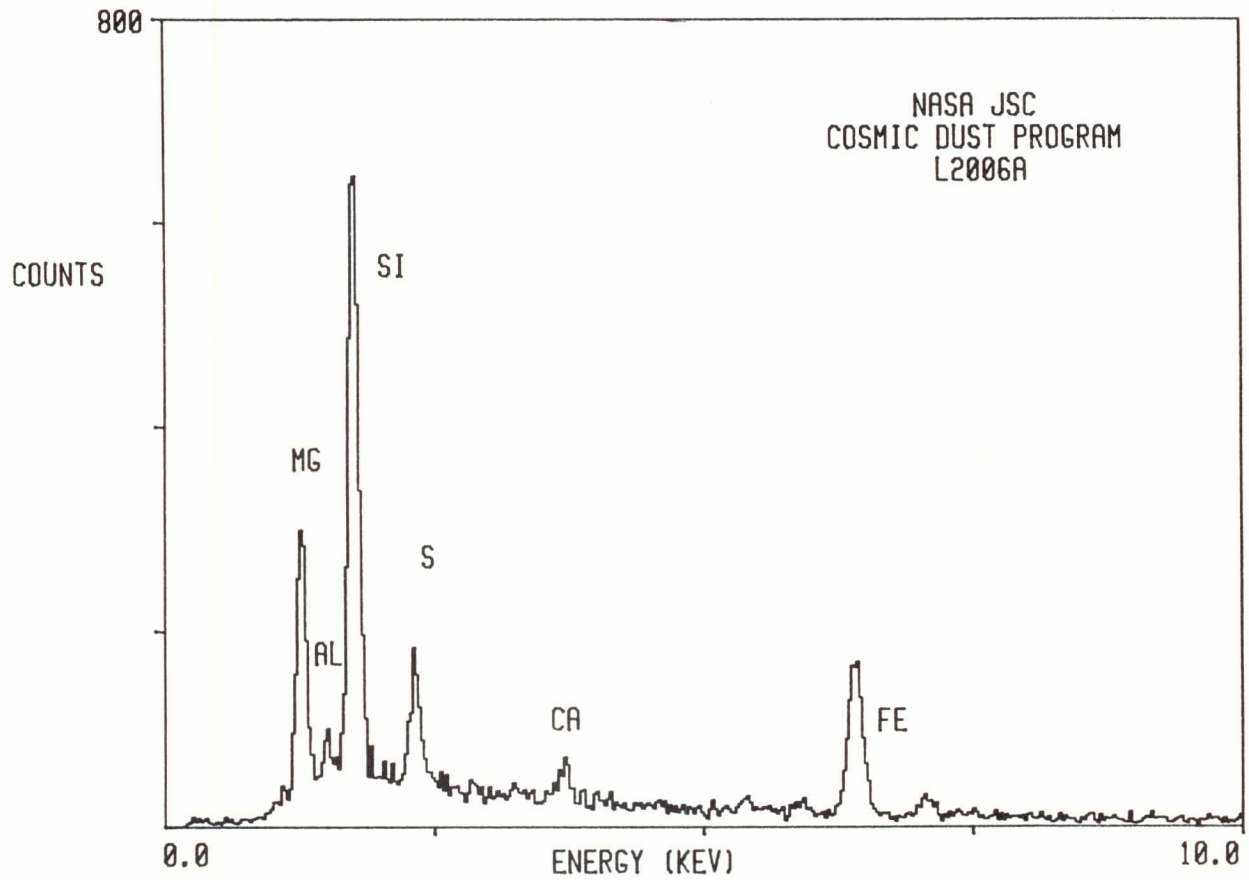
L2006 A 9



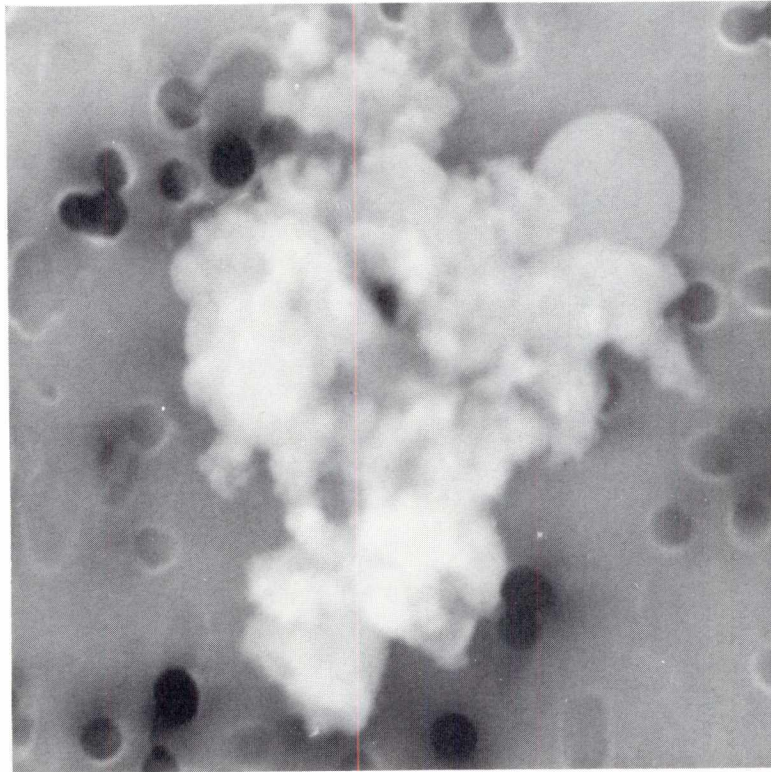
SIZE: 5  
SHAPE: I  
TRANS.: TL/O  
COLOR: Black  
LUSTER: D  
TYPE: C

COMMENTS:  
Related to L2006  
A5, A6, A7, A8 and  
A10

S-91-32171



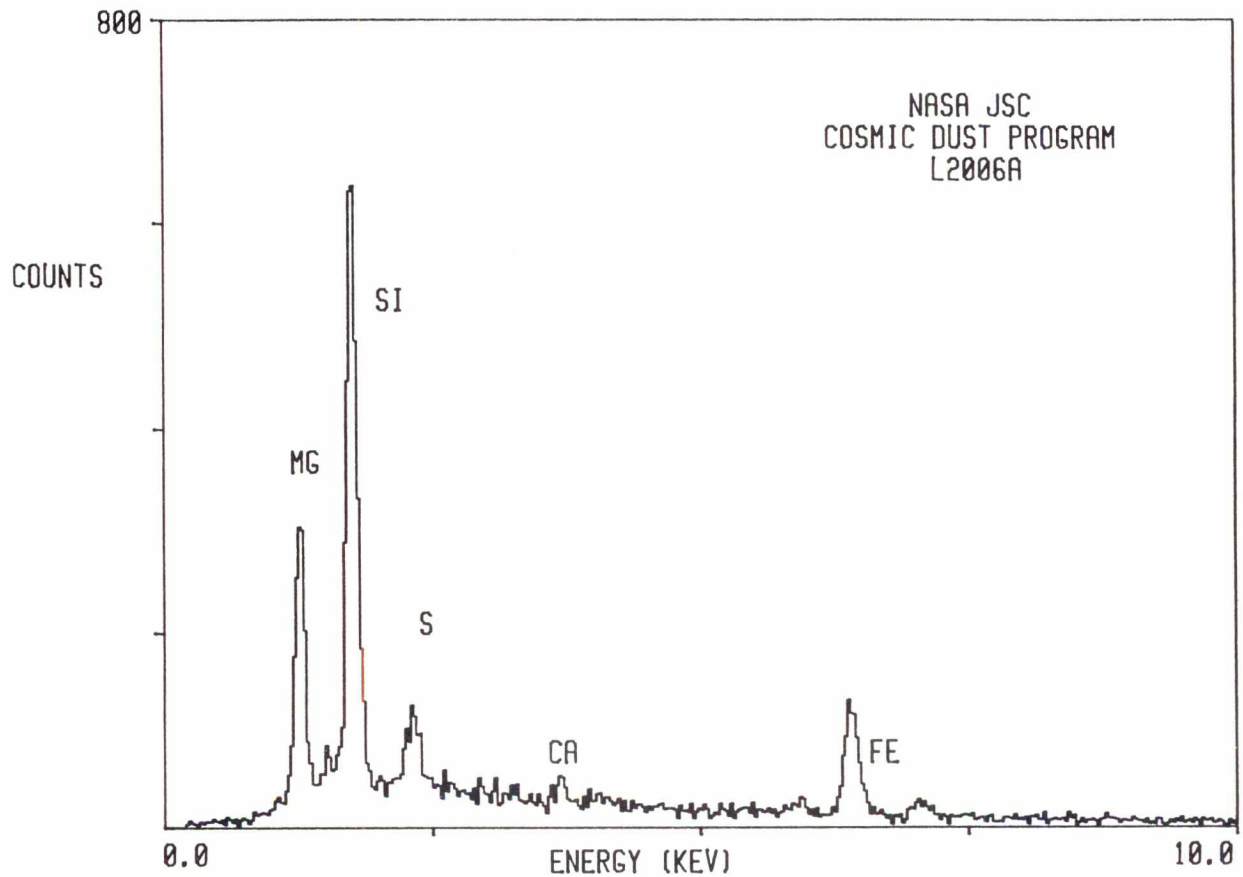
L2006 A 10



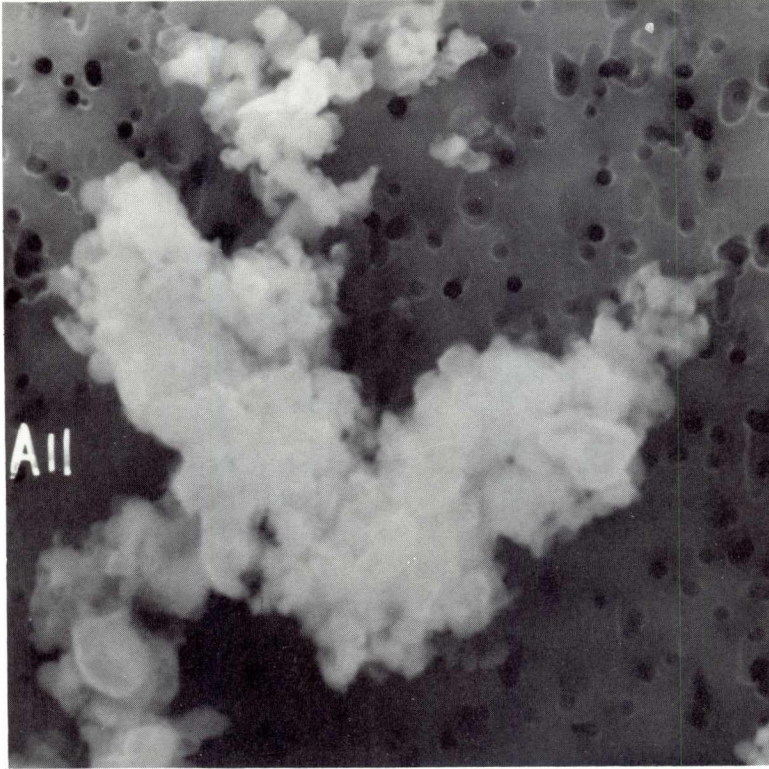
SIZE: 5  
SHAPE: I  
TRANS.: TL/O  
COLOR: Black  
LUSTER: D  
TYPE: C

COMMENTS:  
Related to L2006  
A5, A6, A7, A8 and  
A9

S-91-32172

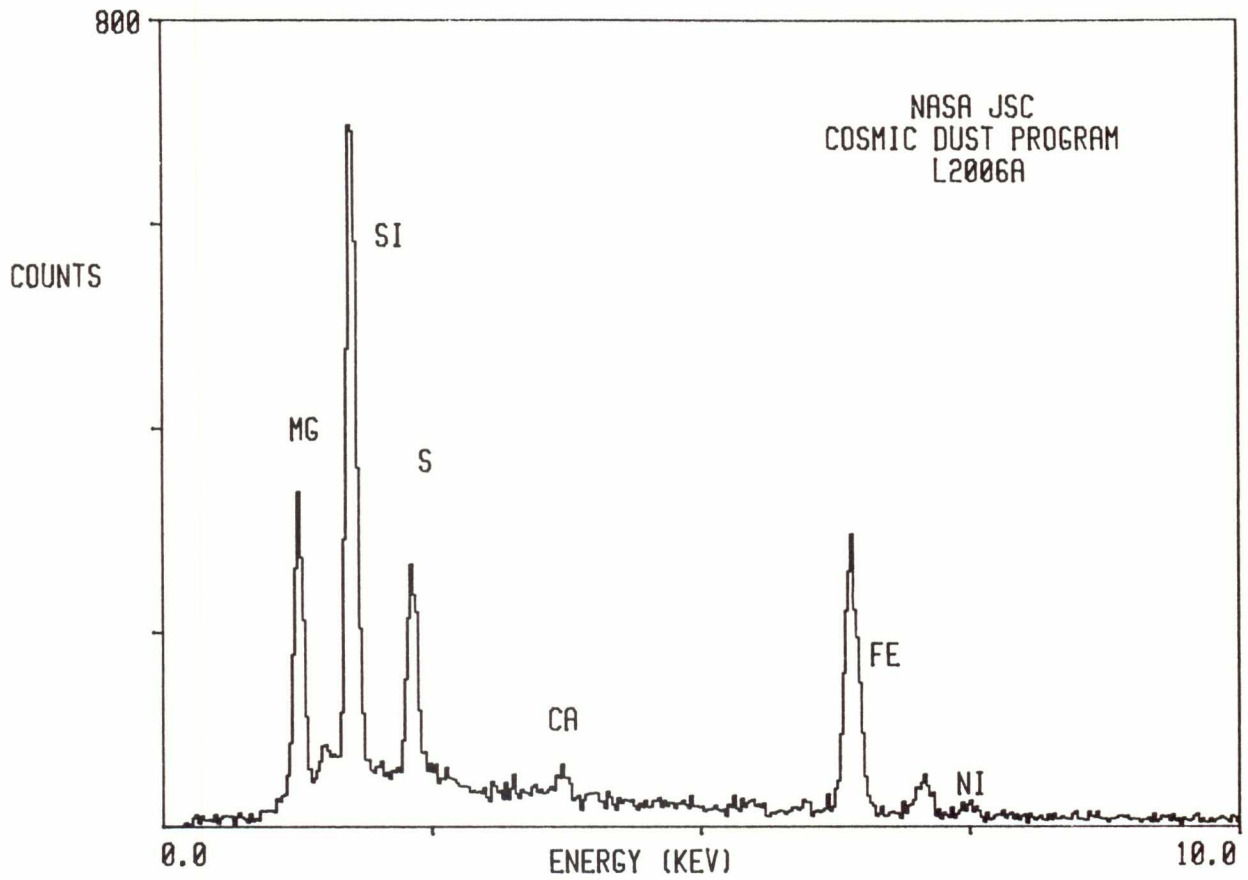


L2006 A 11



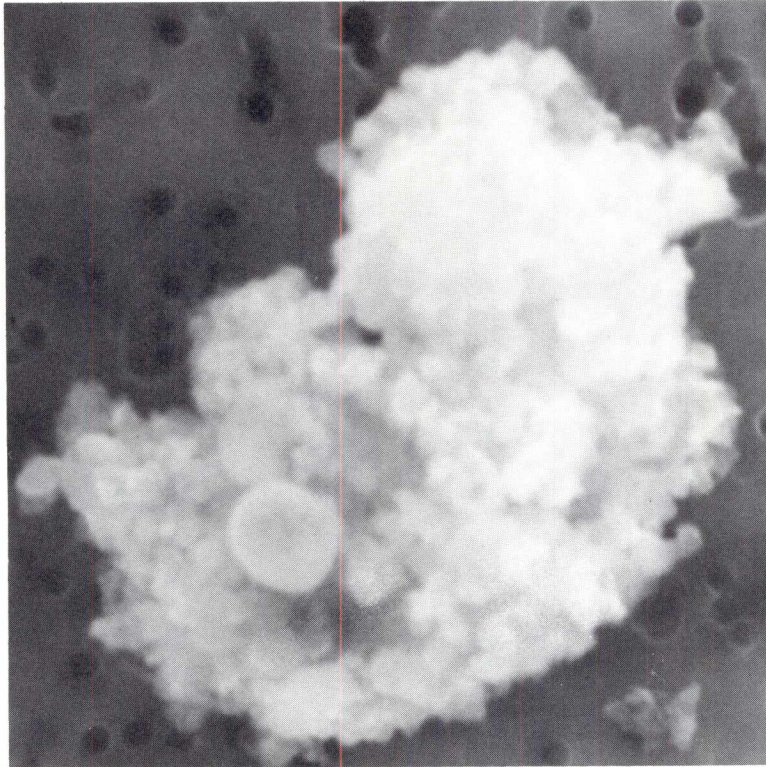
SIZE: 19  
SHAPE: I  
TRANS.: TL/O  
COLOR: Black  
LUSTER: D  
TYPE: C  
COMMENTS:  
Related to L2006  
A12 and A13

S-91-32029





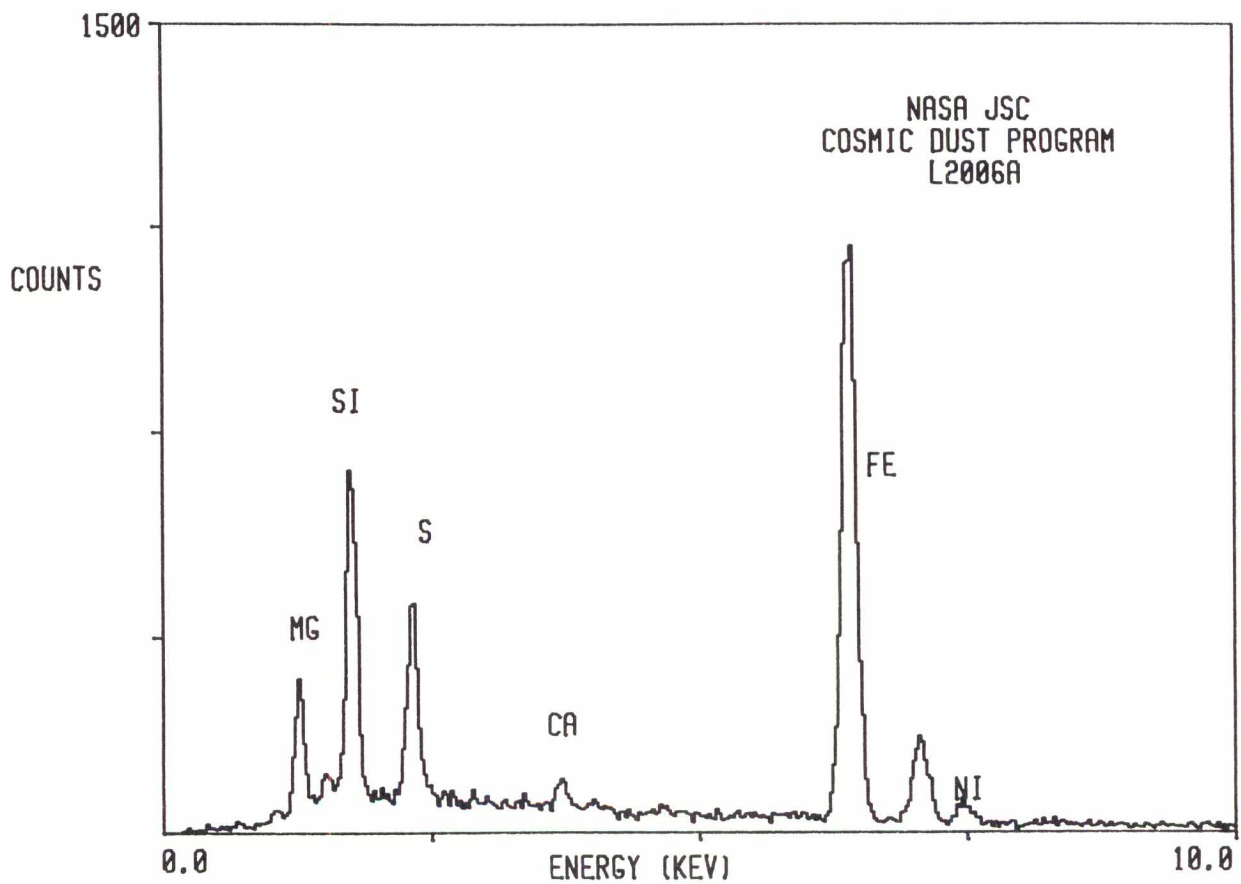
L2006 A 12



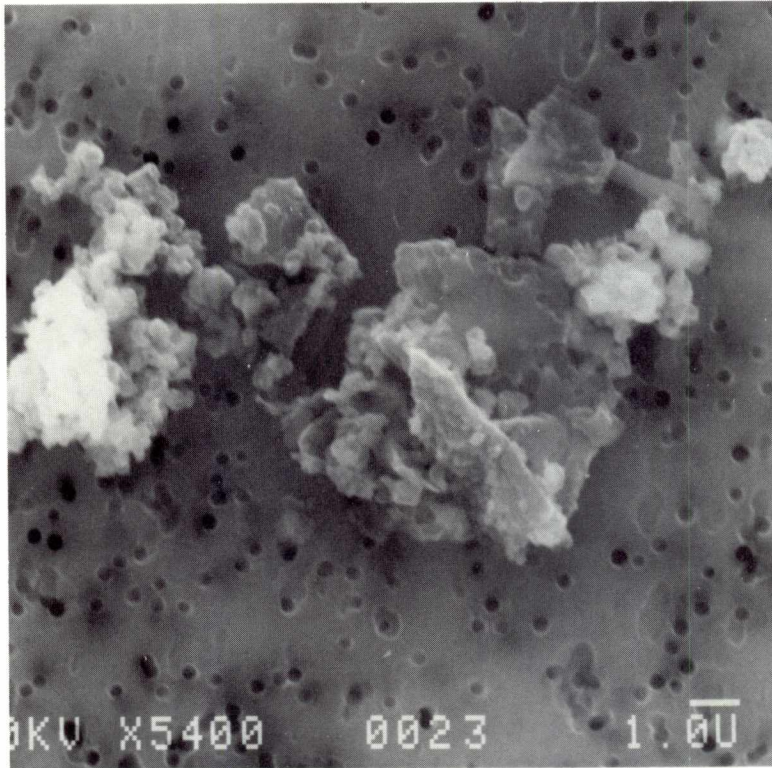
SIZE: 10  
SHAPE: I  
TRANS.: TL/O  
COLOR: Black  
LUSTER: D  
TYPE: C

COMMENTS:  
Related to L2006  
A11 and A13

S-91-32029



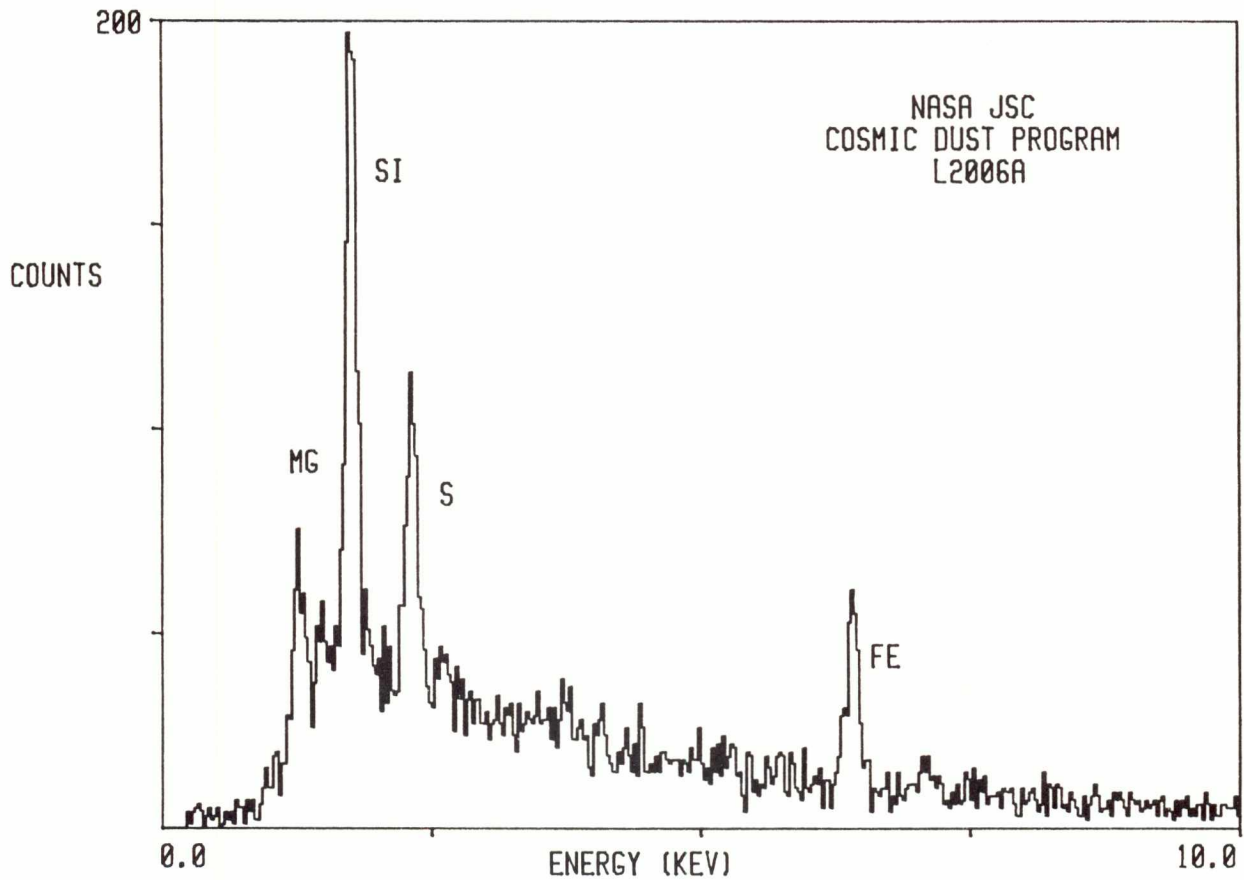
L2006 A 13



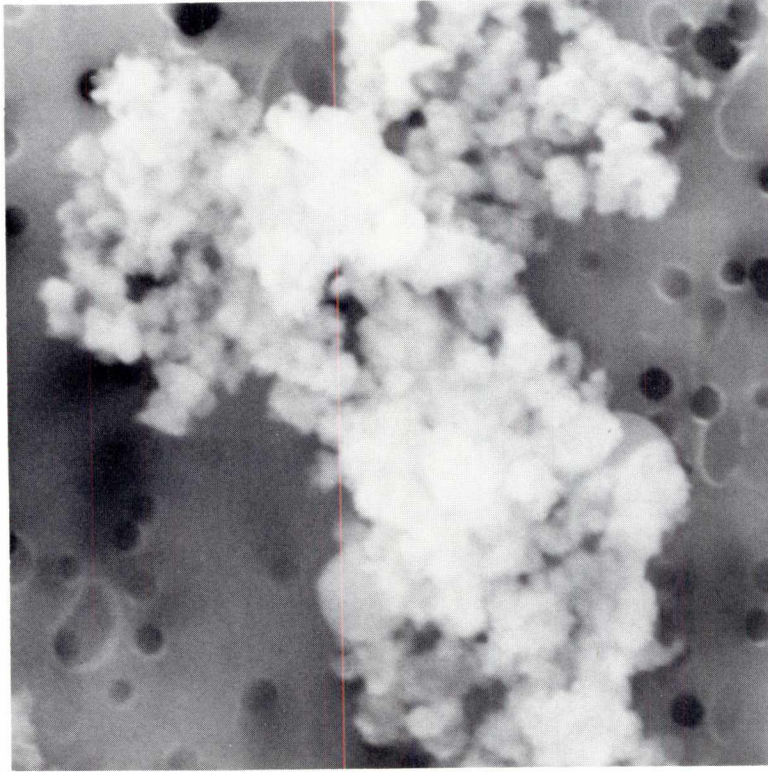
SIZE: 15  
SHAPE: I  
TRANS.: TL/O  
COLOR: Black  
LUSTER: D  
TYPE: C

COMMENTS:  
Related to L2006  
A11 and A12

S-91-32173

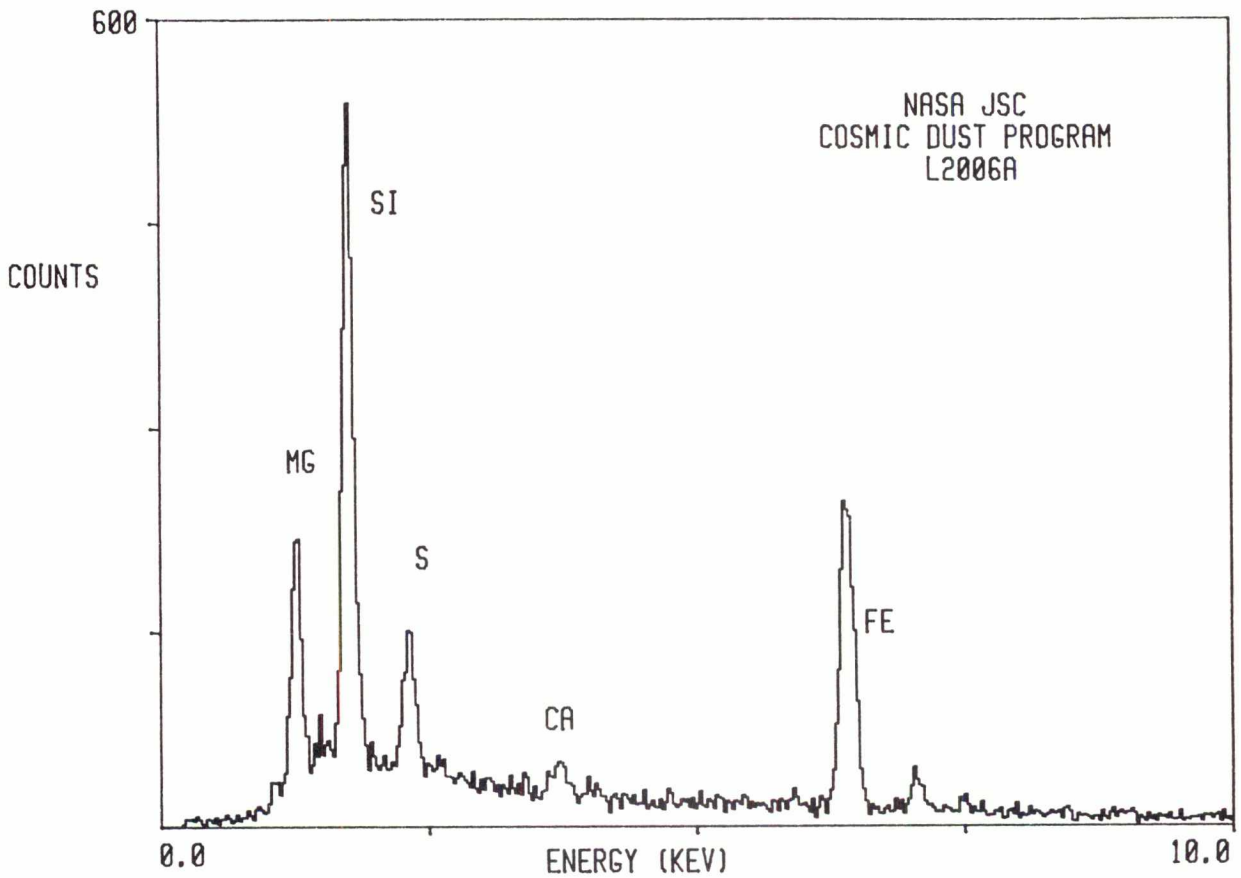


L2006 A 15

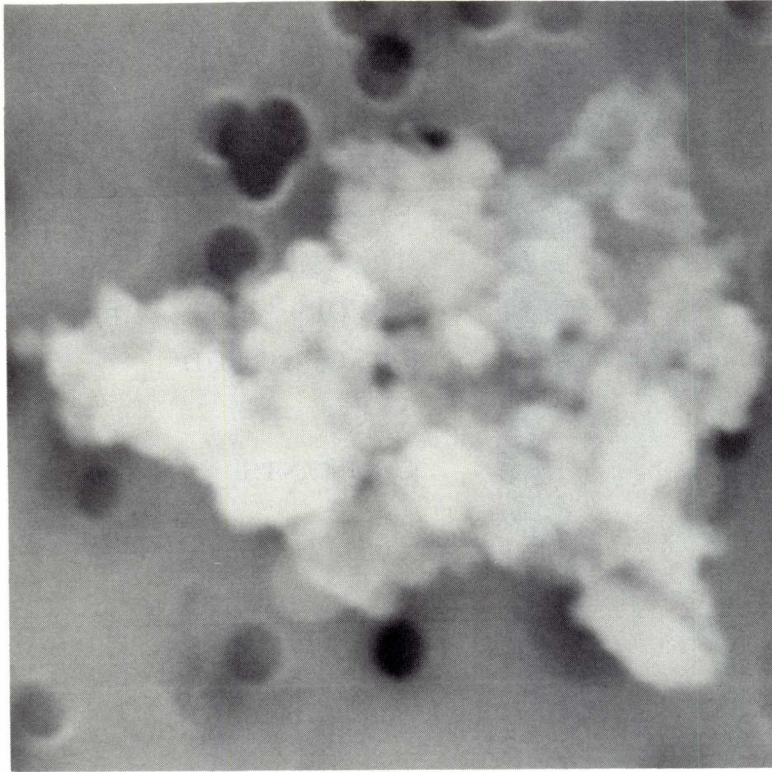


SIZE: 10  
SHAPE: I  
TRANS.: TL/O  
COLOR: Black  
LUSTER: D  
TYPE: C  
COMMENTS:  
Related to L2006  
A16

S-91-32030



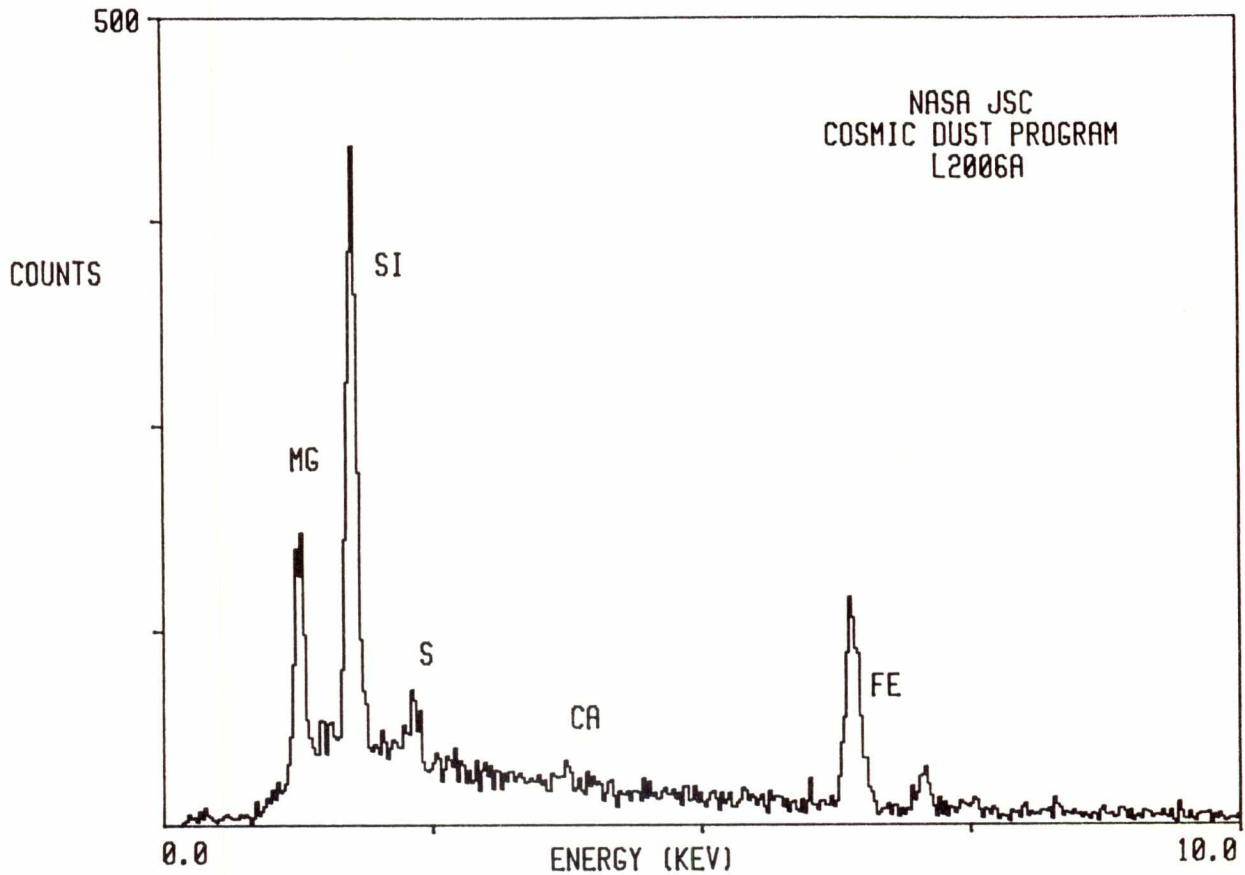
L2006 A 16



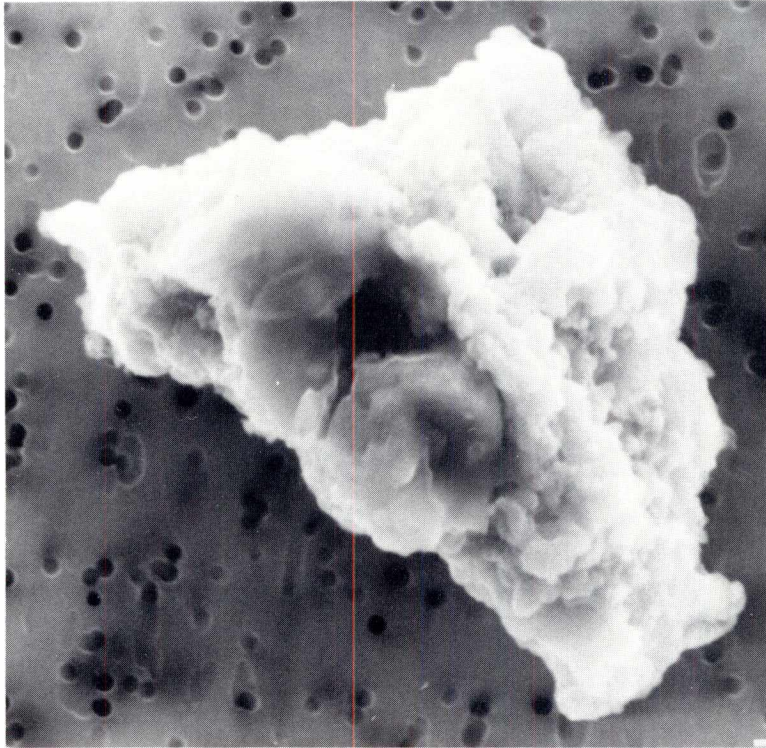
SIZE: 4  
SHAPE: I  
TRANS.: TL/O  
COLOR: Black  
LUSTER: D  
TYPE: C

COMMENTS:  
Related to L2006  
A15

S-91-32030

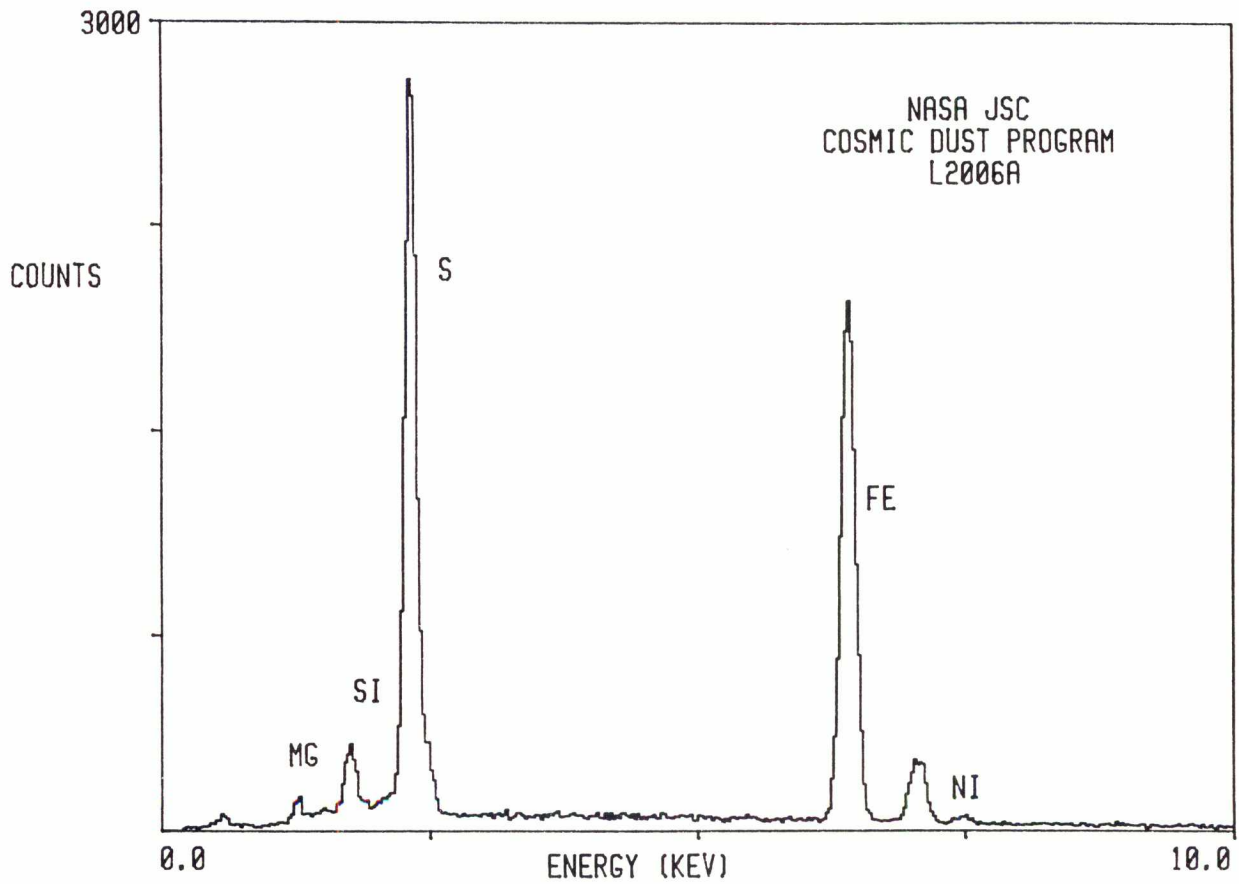


L2006 A 18

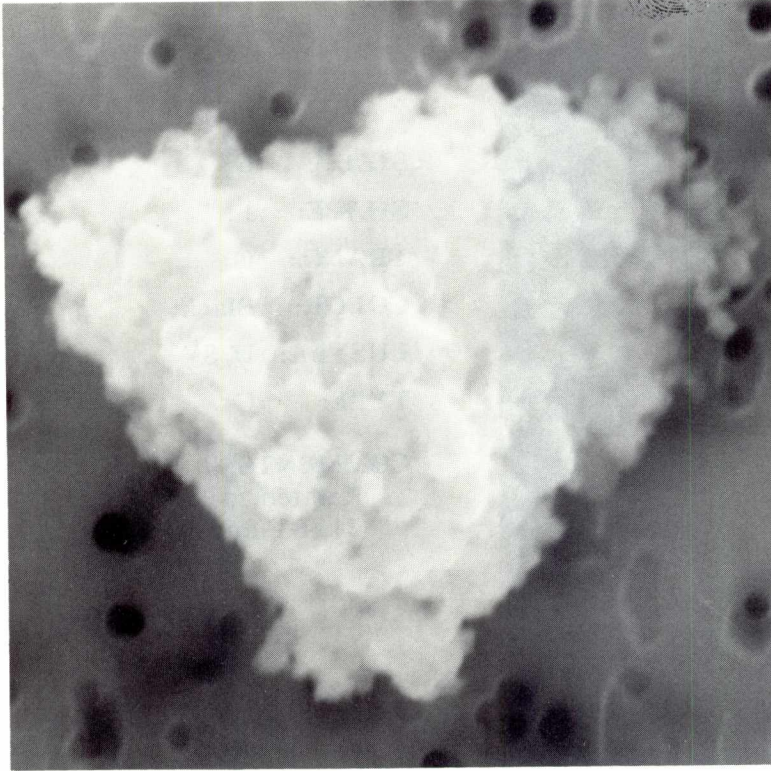


SIZE: 13  
SHAPE: I  
TRANS.: O  
COLOR: Brown to Black  
LUSTER: SM/D  
TYPE: C?  
COMMENTS:

S-91-32176



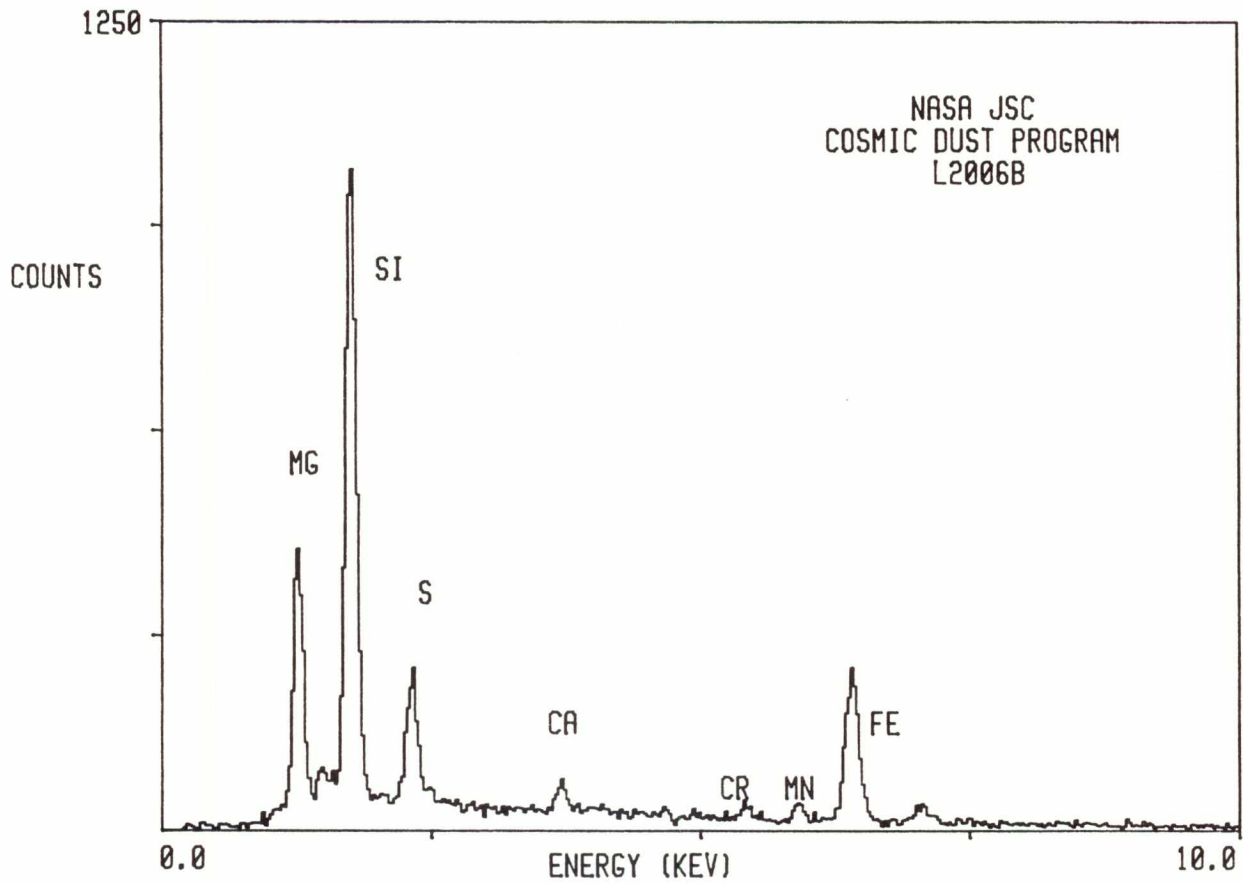
L2006 B 1



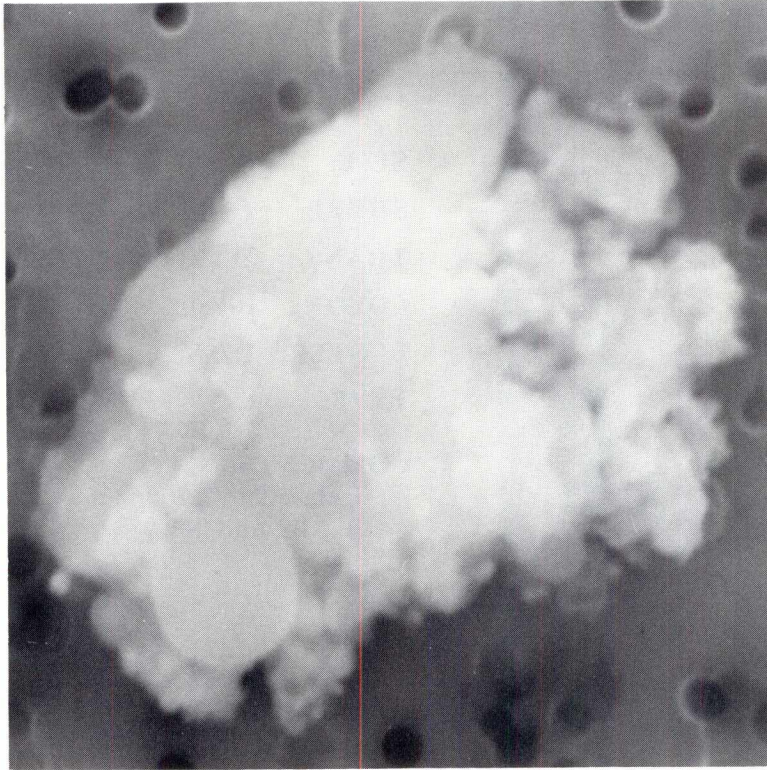
SIZE: 6  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D/SV  
TYPE: C

COMMENTS:  
Related to L2006  
B2, B3 and B4

S-91-32052



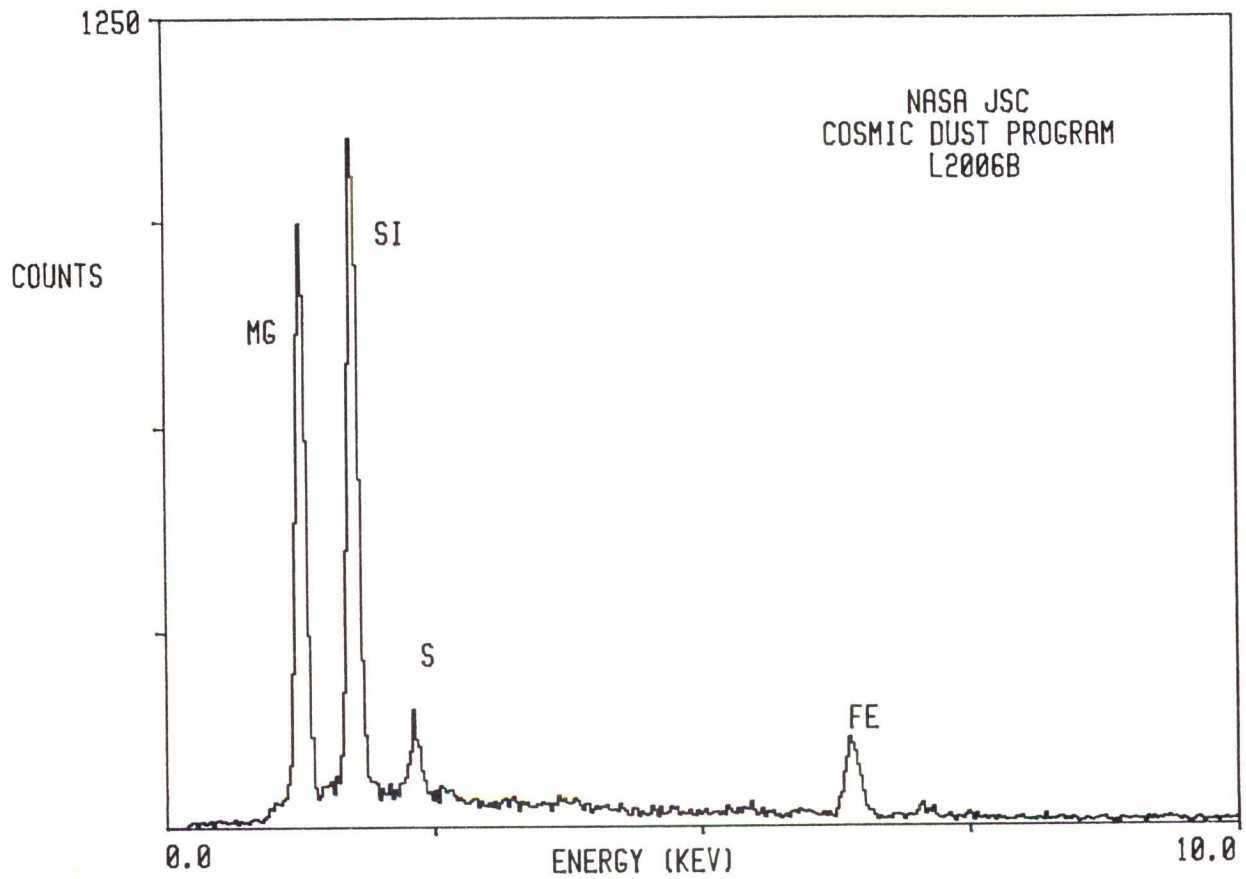
L2006 B 2



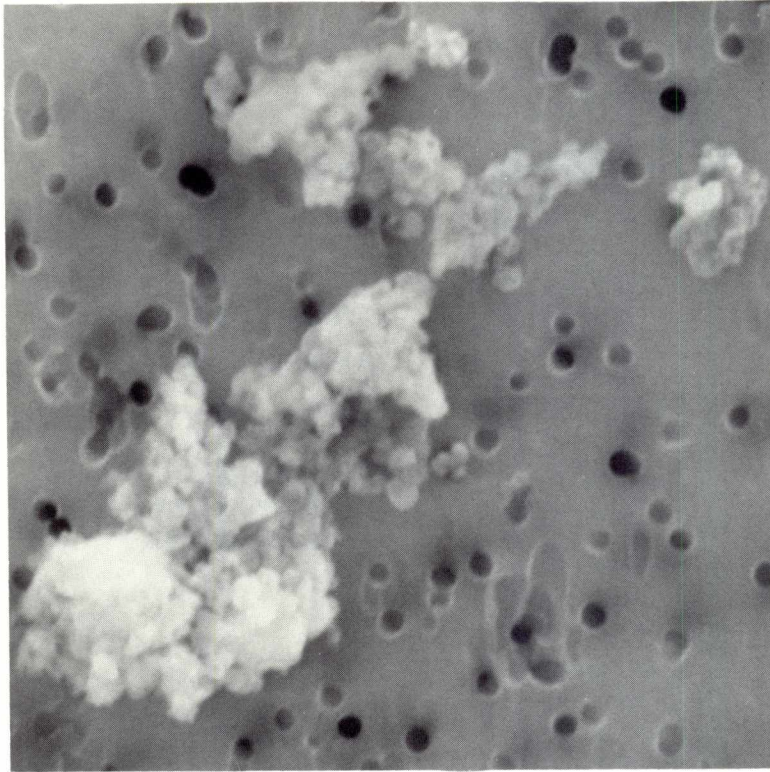
SIZE: 6  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D/SV  
TYPE: C

COMMENTS:  
Related to L2006  
B1, B3, and B4

S-91-32053



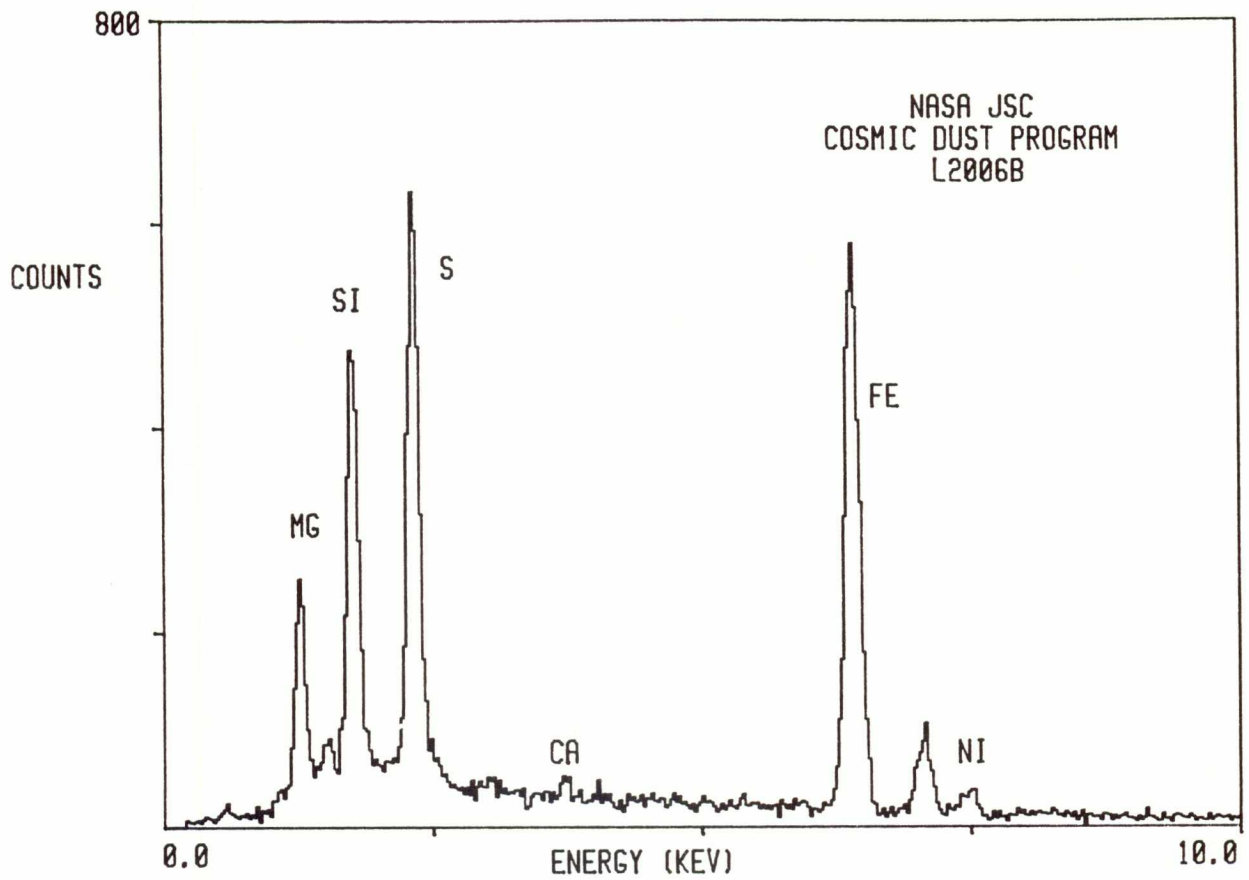
L2006 B 3



SIZE: 9  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D/SV  
TYPE: C

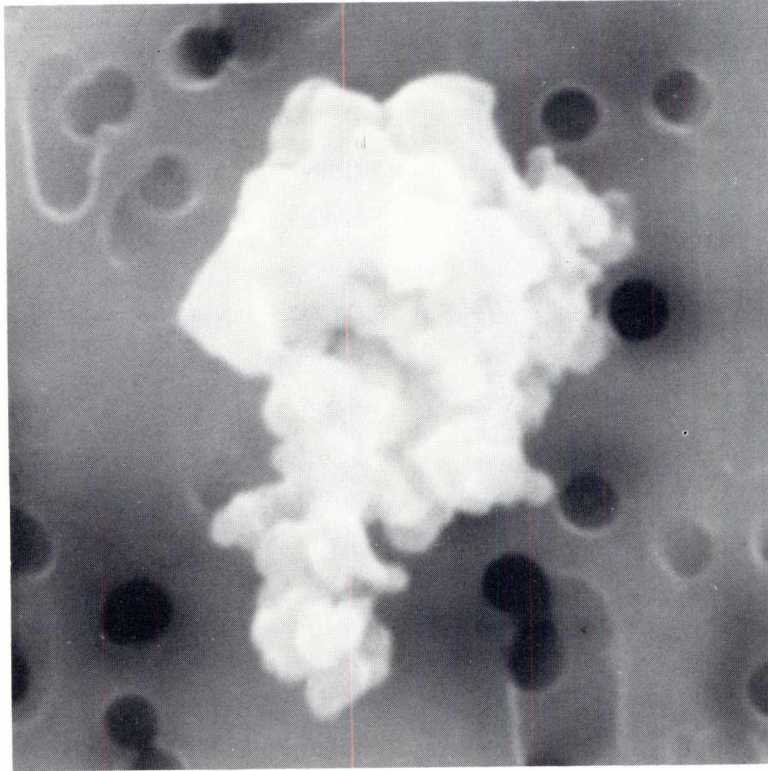
COMMENTS:  
Related to L2006  
B1, B2 and B4

S-91-32054





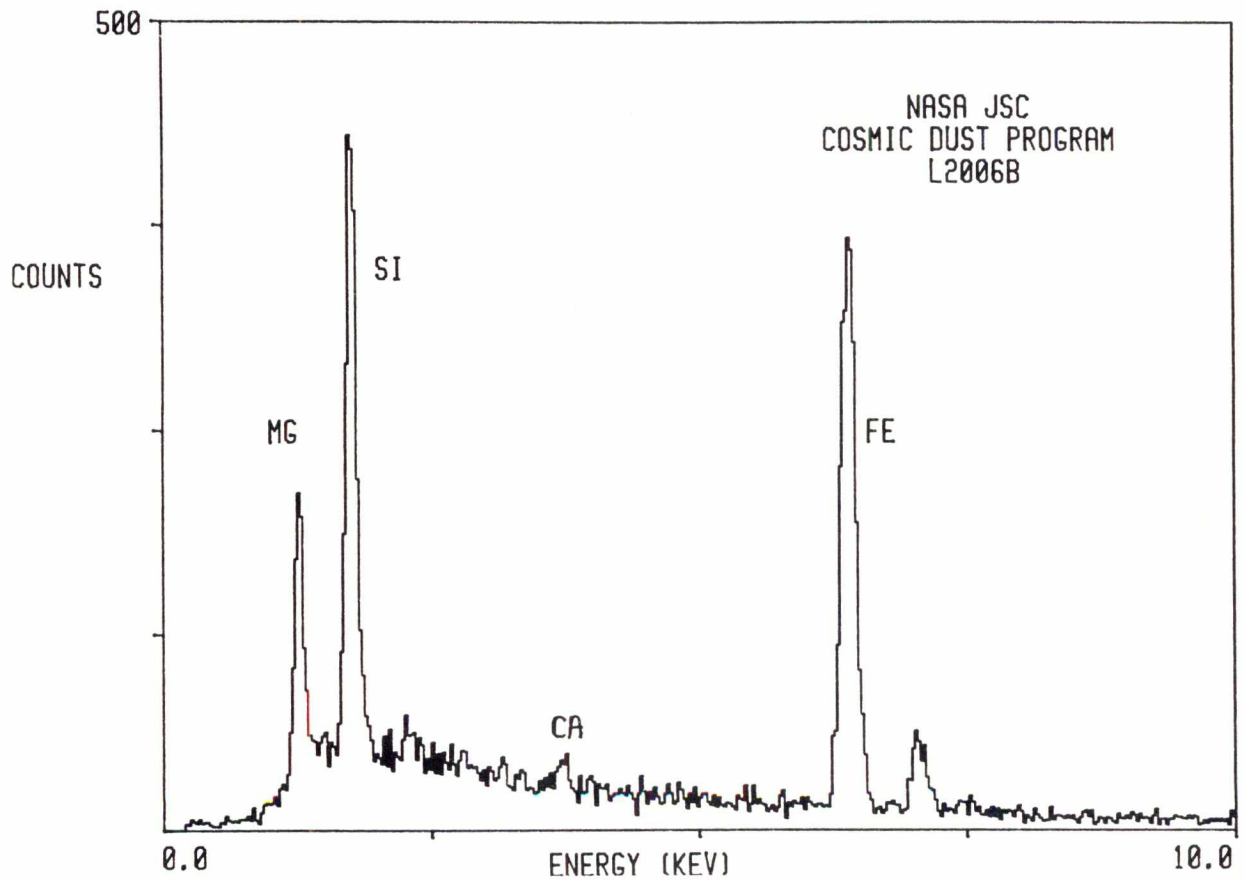
L2006 B 4



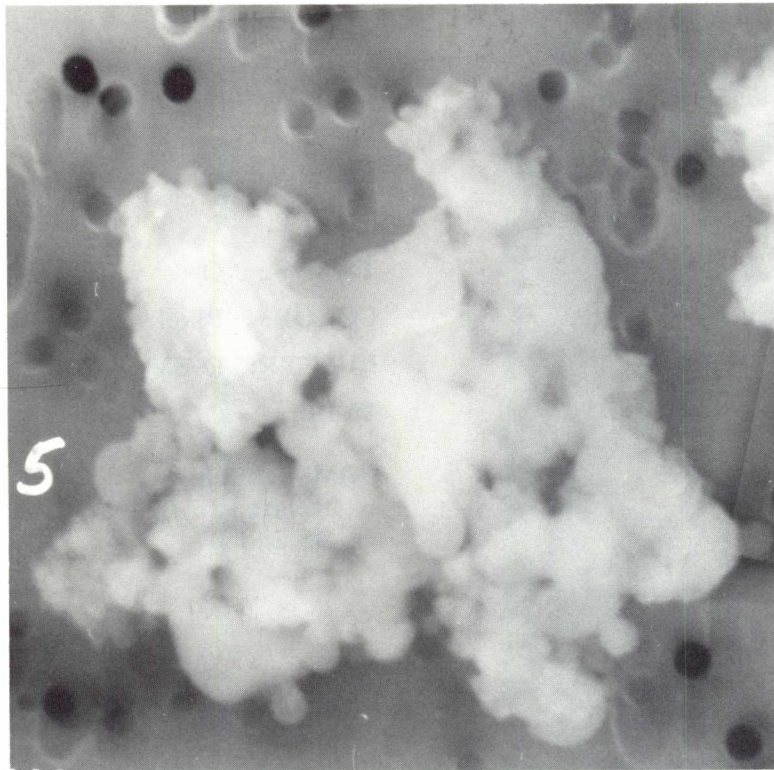
SIZE: 4  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D/SV  
TYPE: C

COMMENTS:  
Related to L2006  
B1, B2 and B3

S-91-32055



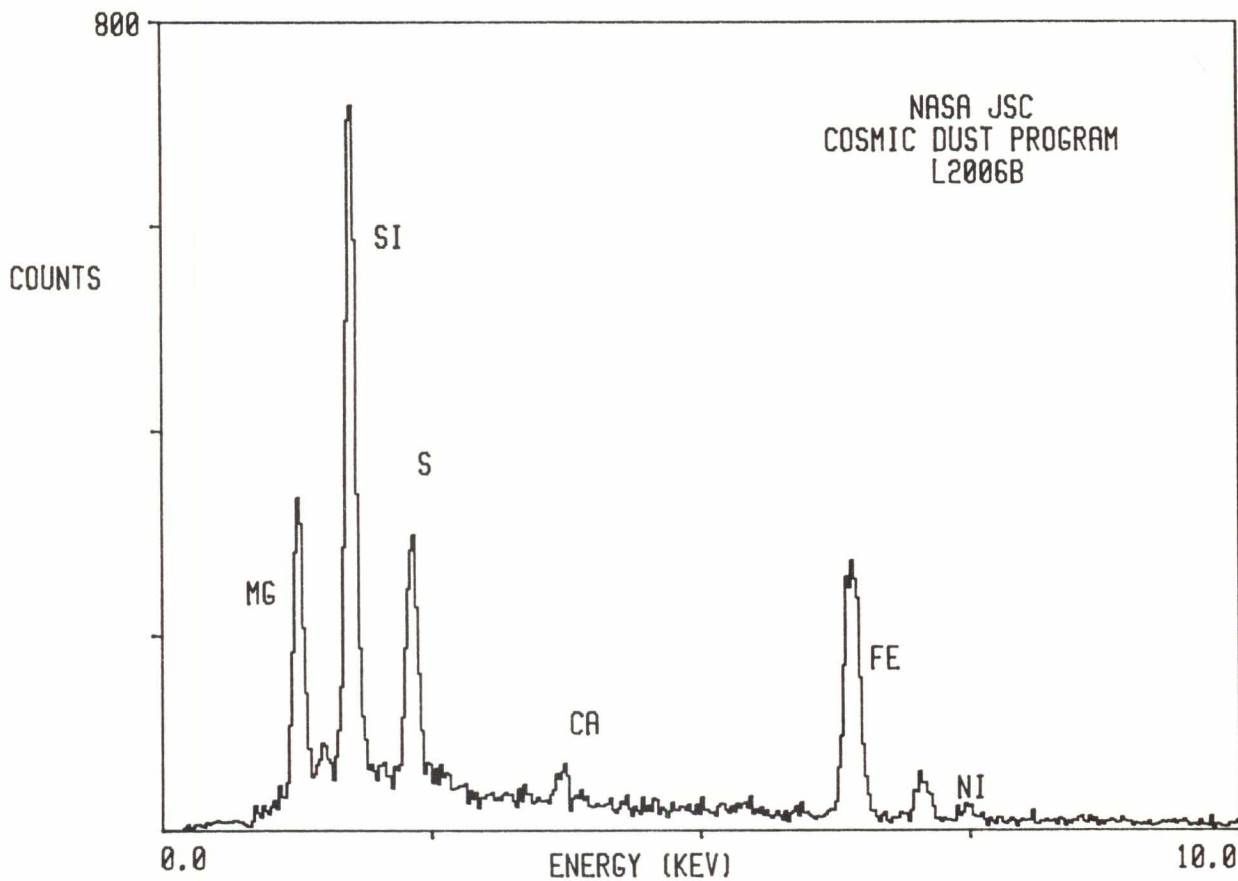
L2006 B 5



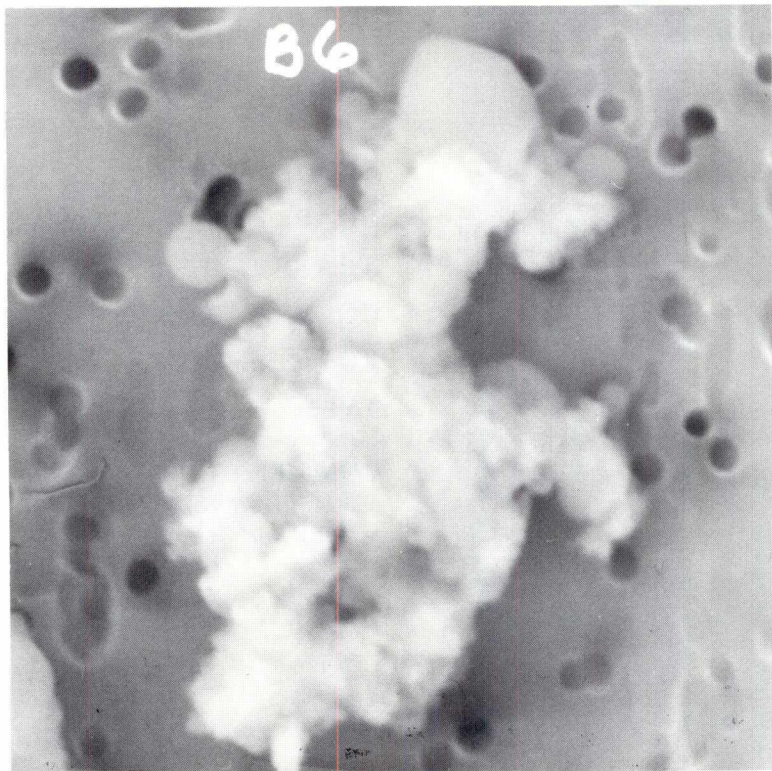
SIZE: 6  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D/SV  
TYPE: C

COMMENTS:  
Related to L2006  
B6 and B7

S-91-32032



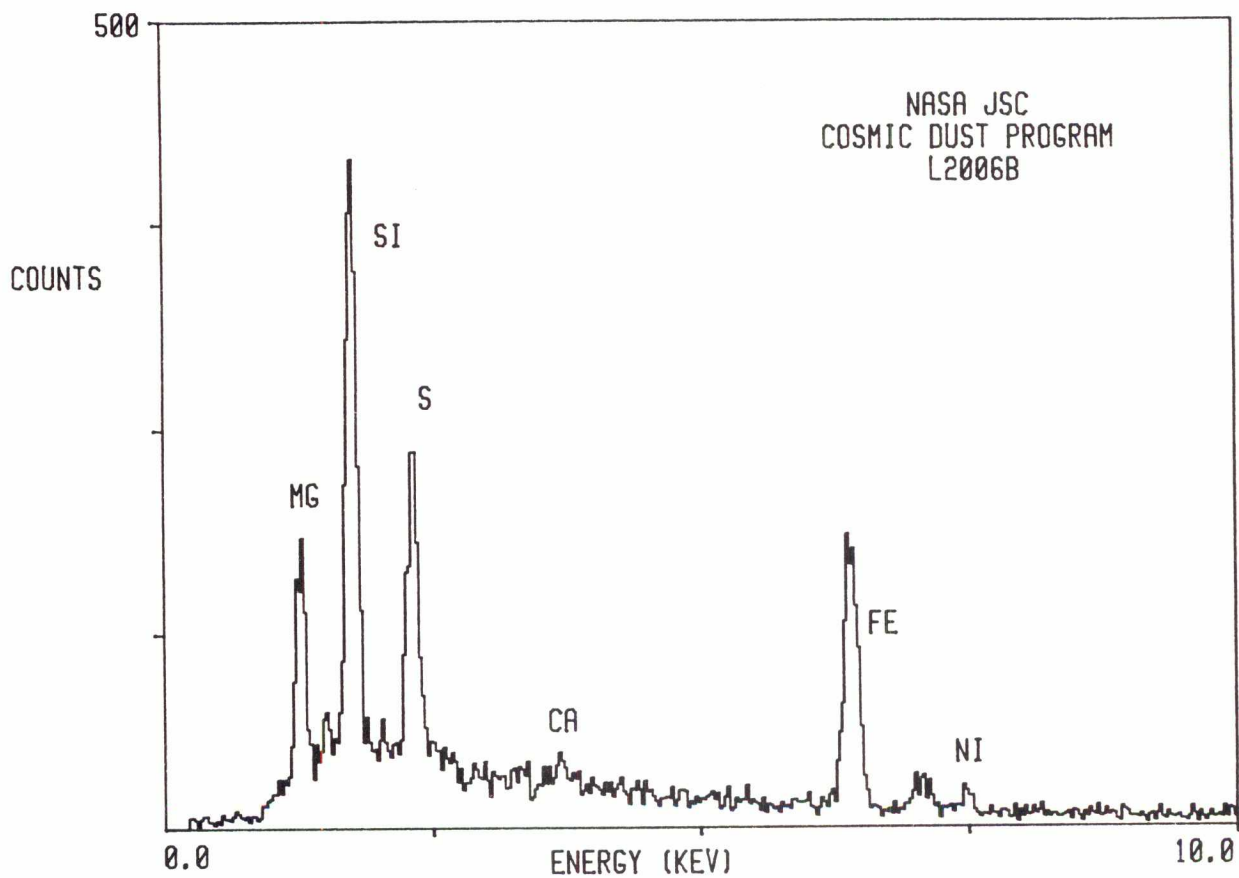
L2006 B 6



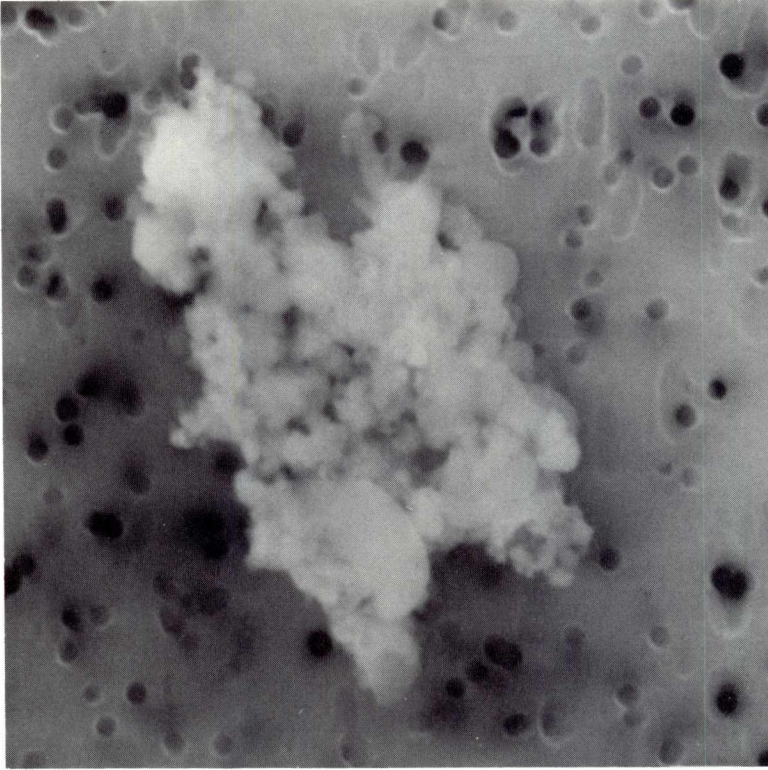
SIZE: 6  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D/SV  
TYPE: C

COMMENTS:  
Related to L2006  
B5 and B7

S-91-32032



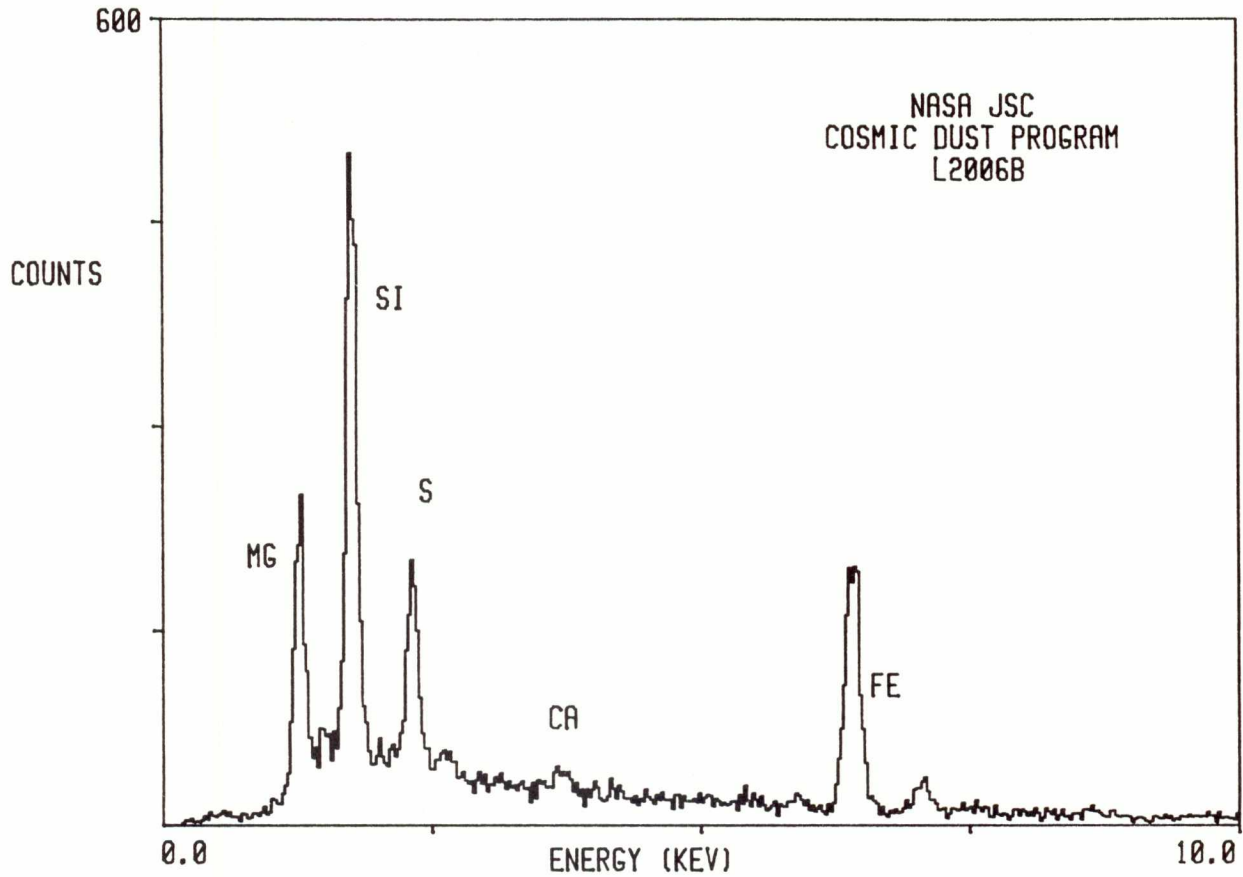
L2006 B 7



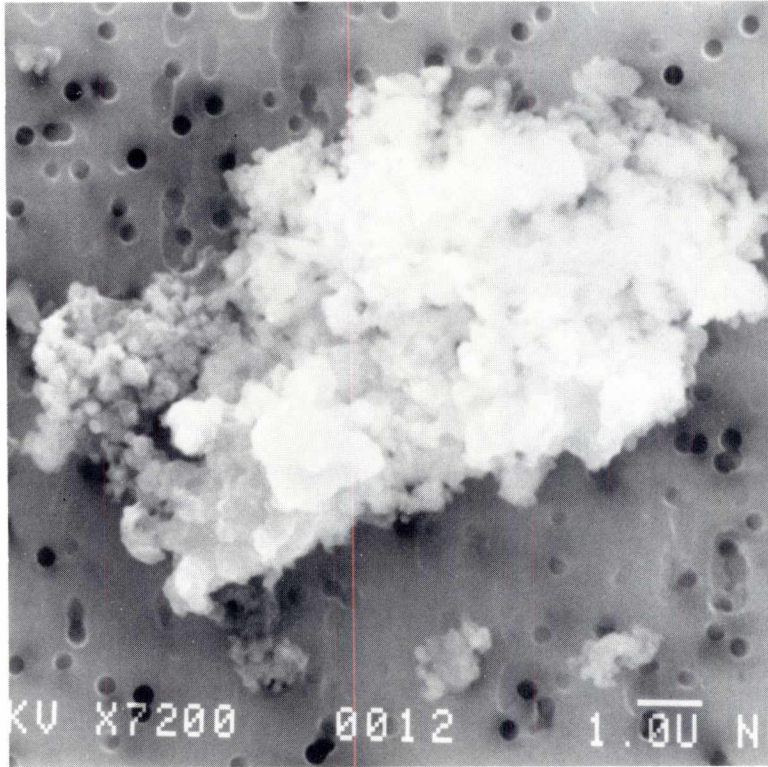
SIZE: 8  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D/SV  
TYPE: C

COMMENTS:  
Related to L2006  
B5 and B6

S-91-32056



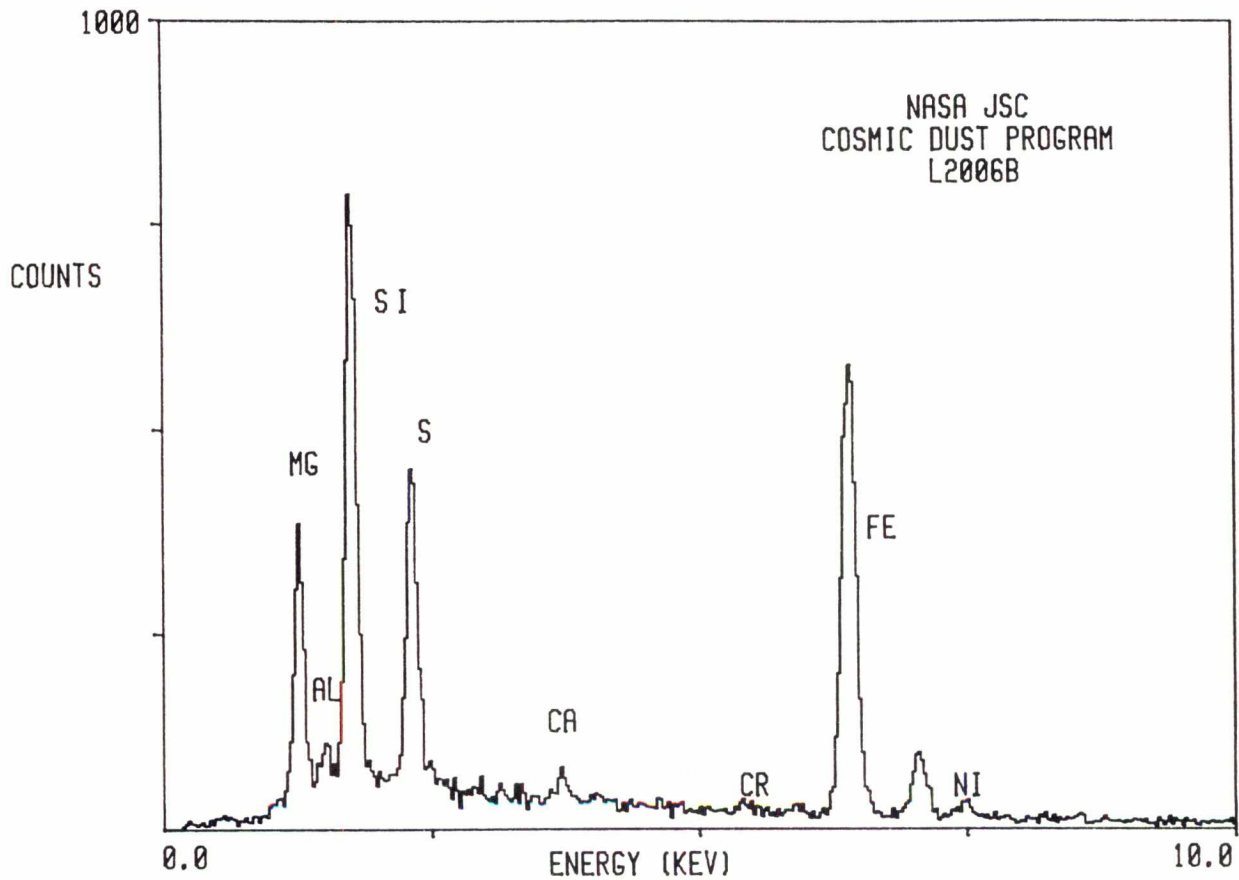
L2006 B 8



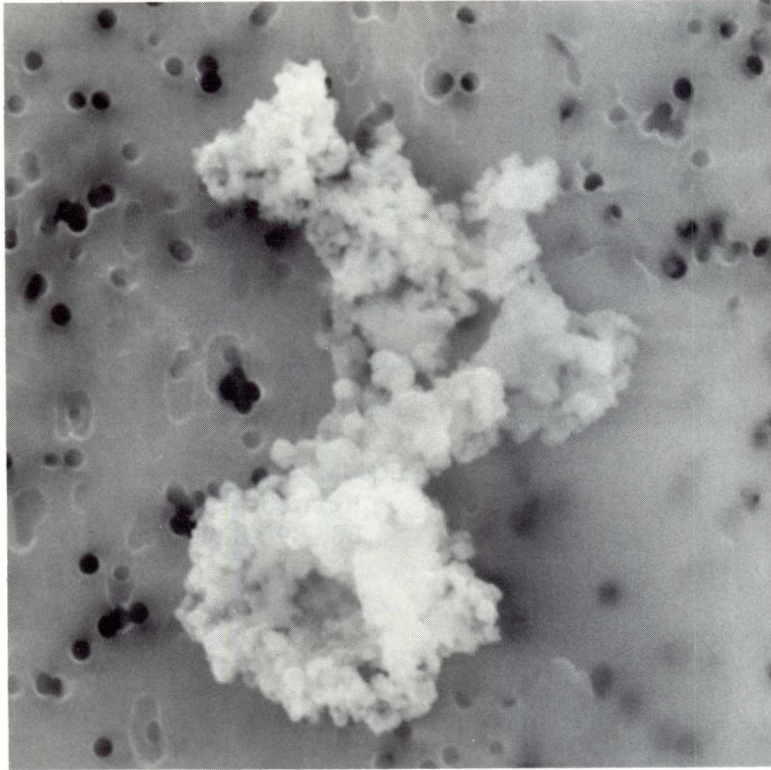
SIZE: 11  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D  
TYPE: C

COMMENTS:  
Related to L2006  
B9, B10 and B11

S-91-32057



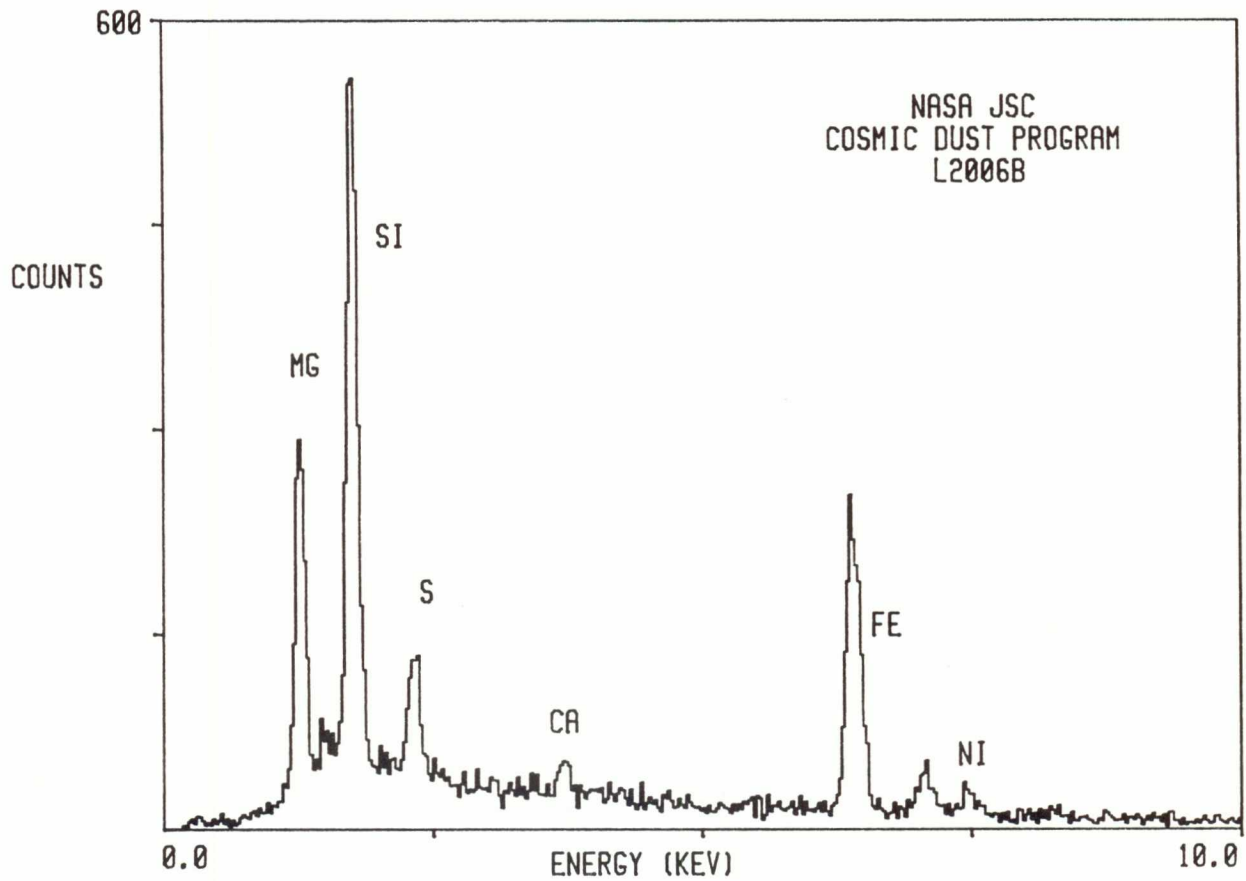
L2006 B 9



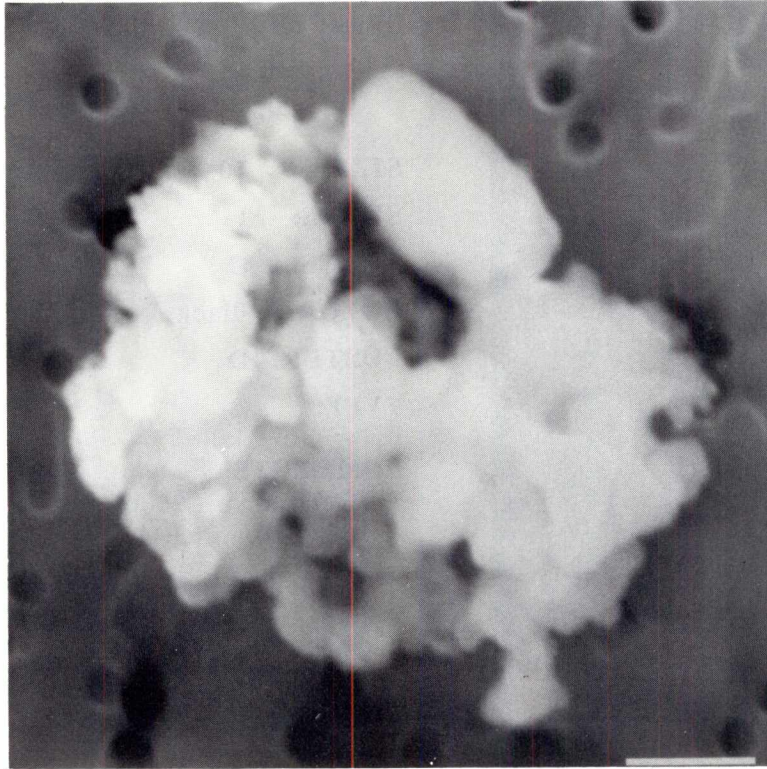
SIZE: 10  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D  
TYPE: C

COMMENTS:  
Related to L2006  
B8, B10 and B11

S-91-32058



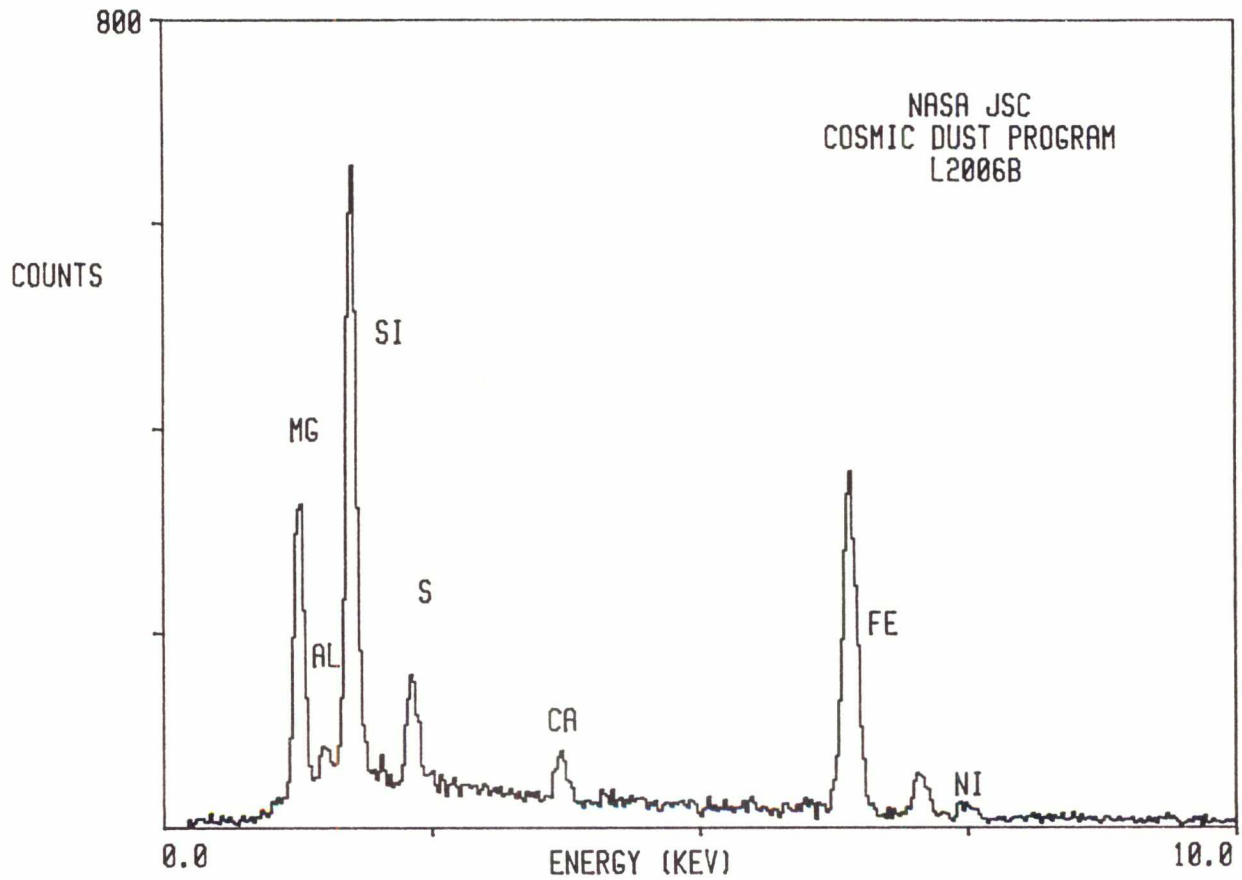
L2006 B 10



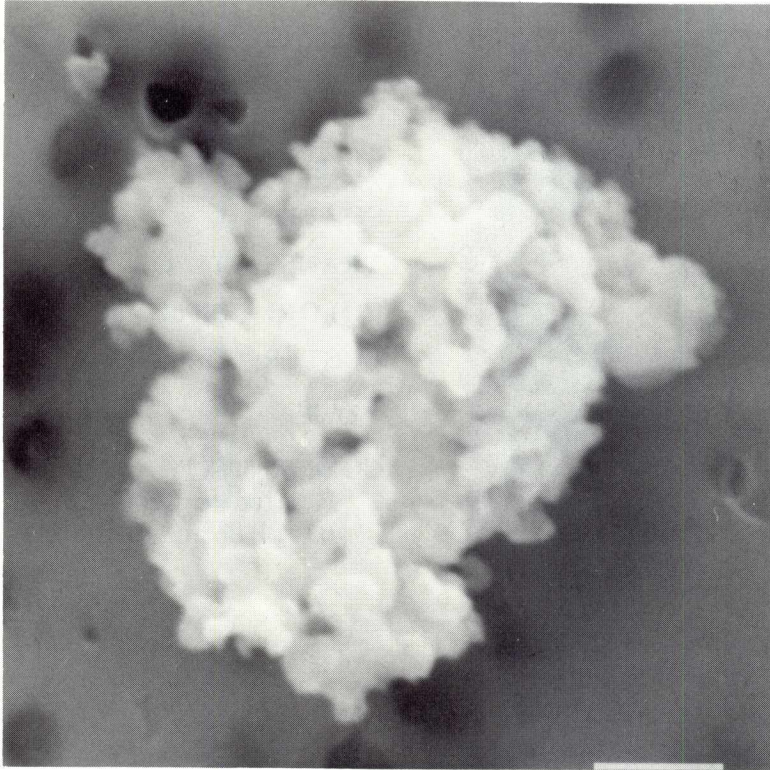
SIZE: 5  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D  
TYPE: C

COMMENTS:  
Related to L2006  
B8, B9 and B11

S-91-32059



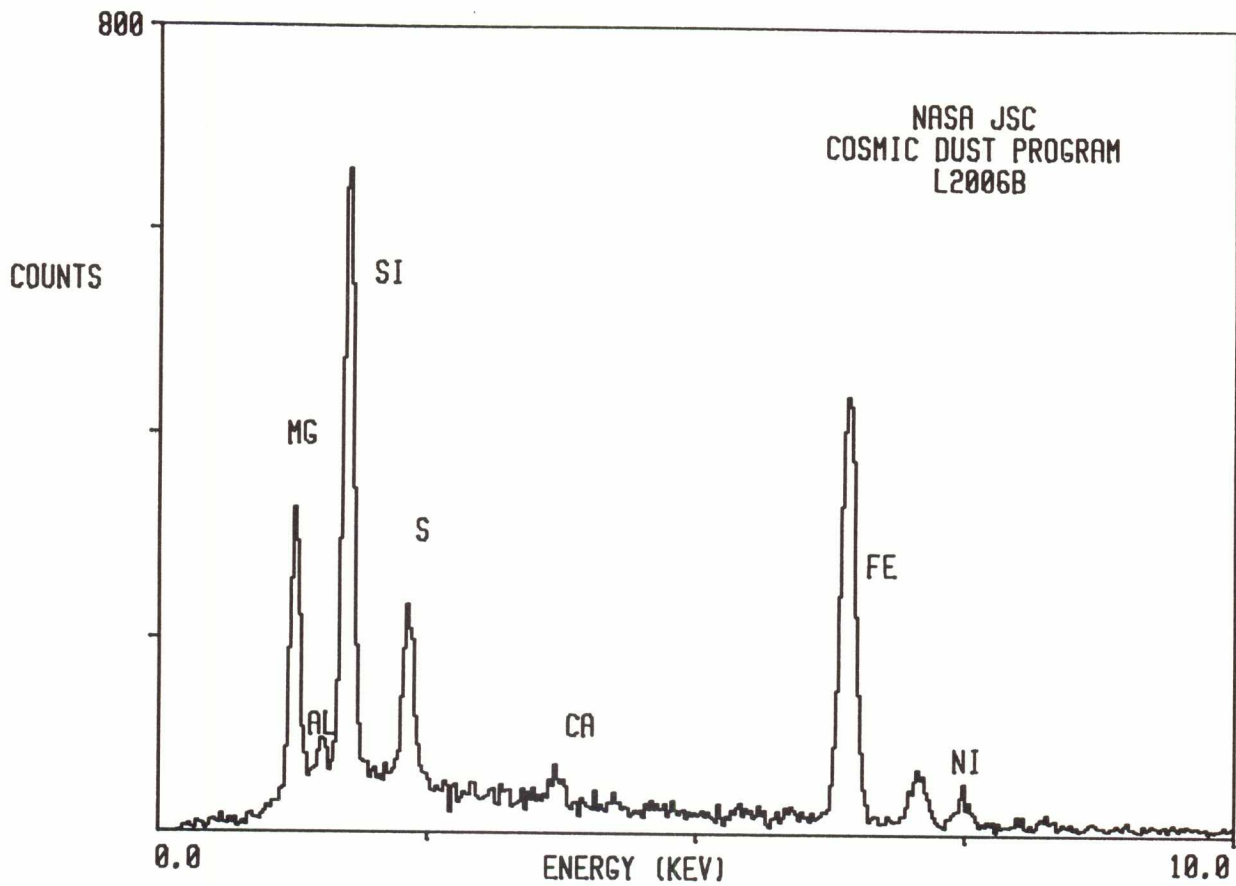
L2006 B 11



SIZE: 5  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D  
TYPE: C

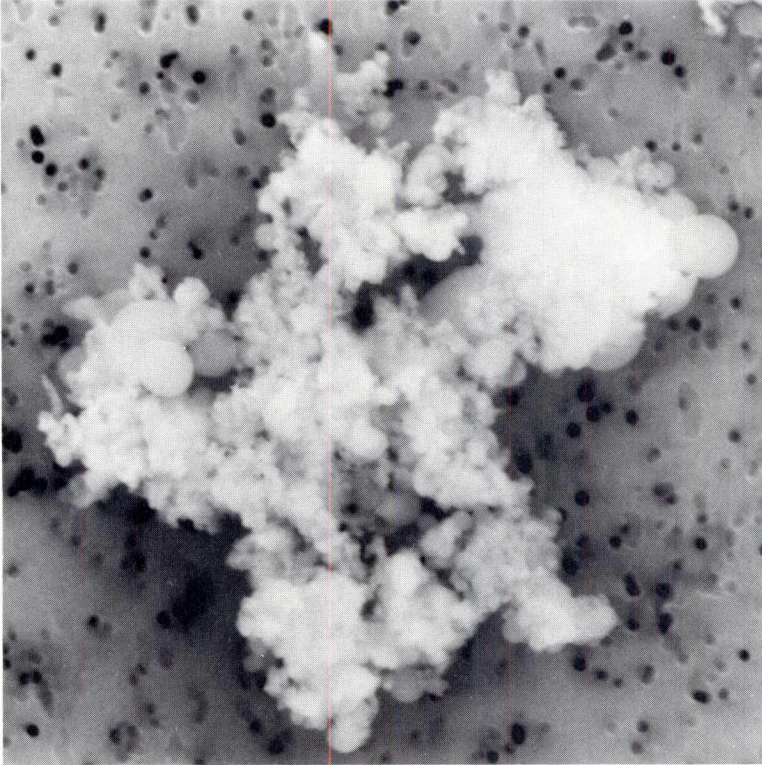
COMMENTS:  
Related to L2006  
B8, B9 and B10

S-91-32060





L2006 B 15



SIZE: 13

SHAPE: I

TRANS.: TL/O

COLOR: Black

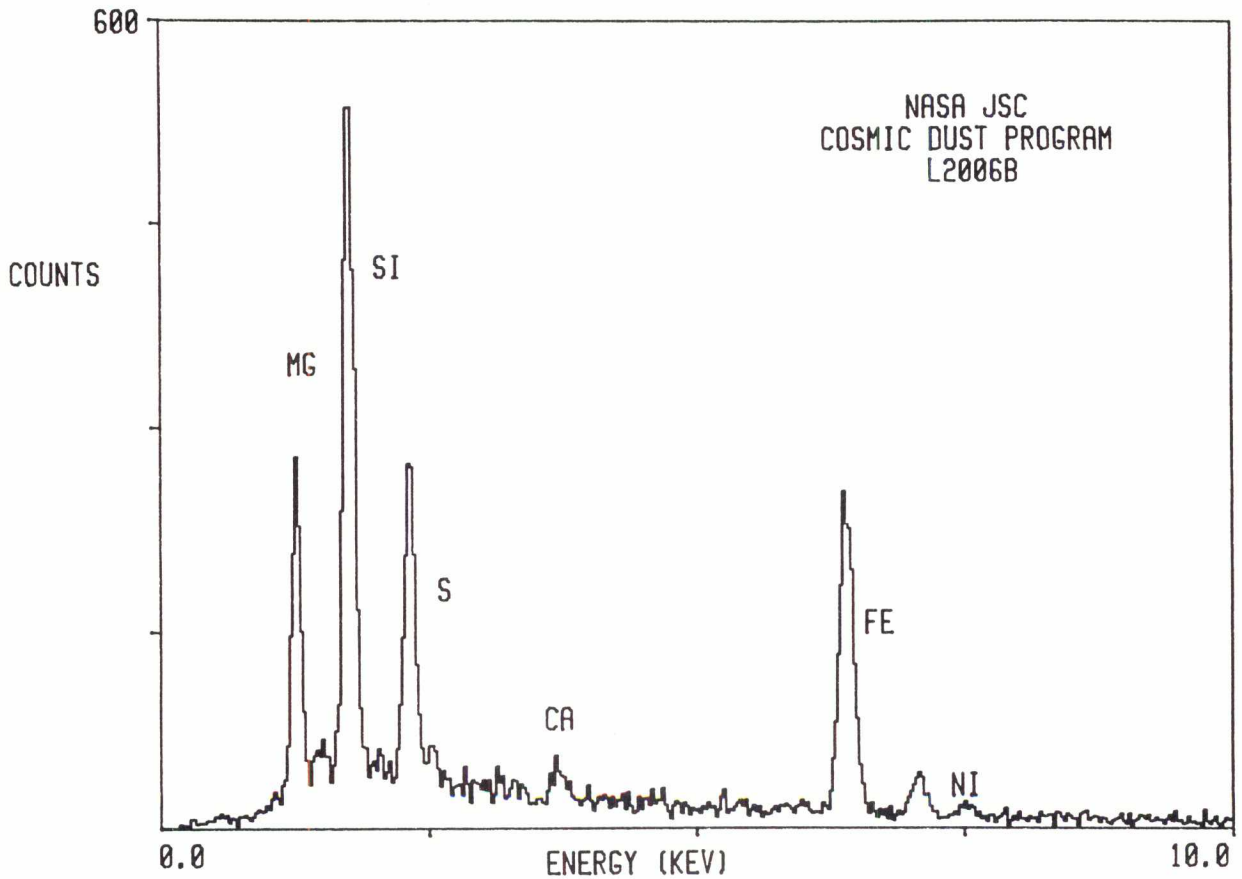
LUSTER: D

TYPE: C

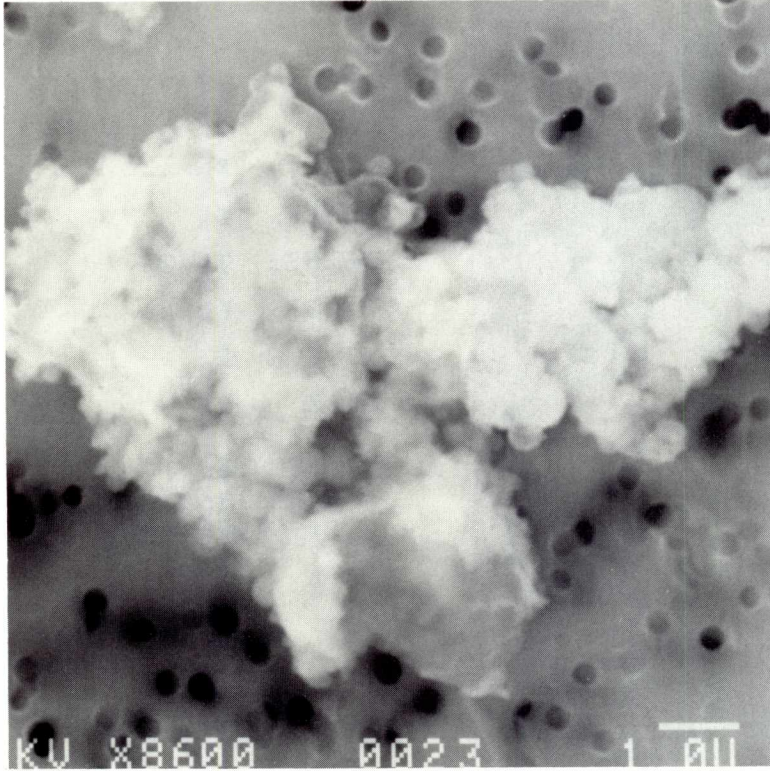
COMMENTS:

Related to L2006  
B16, B17 and B18

S-91-32064

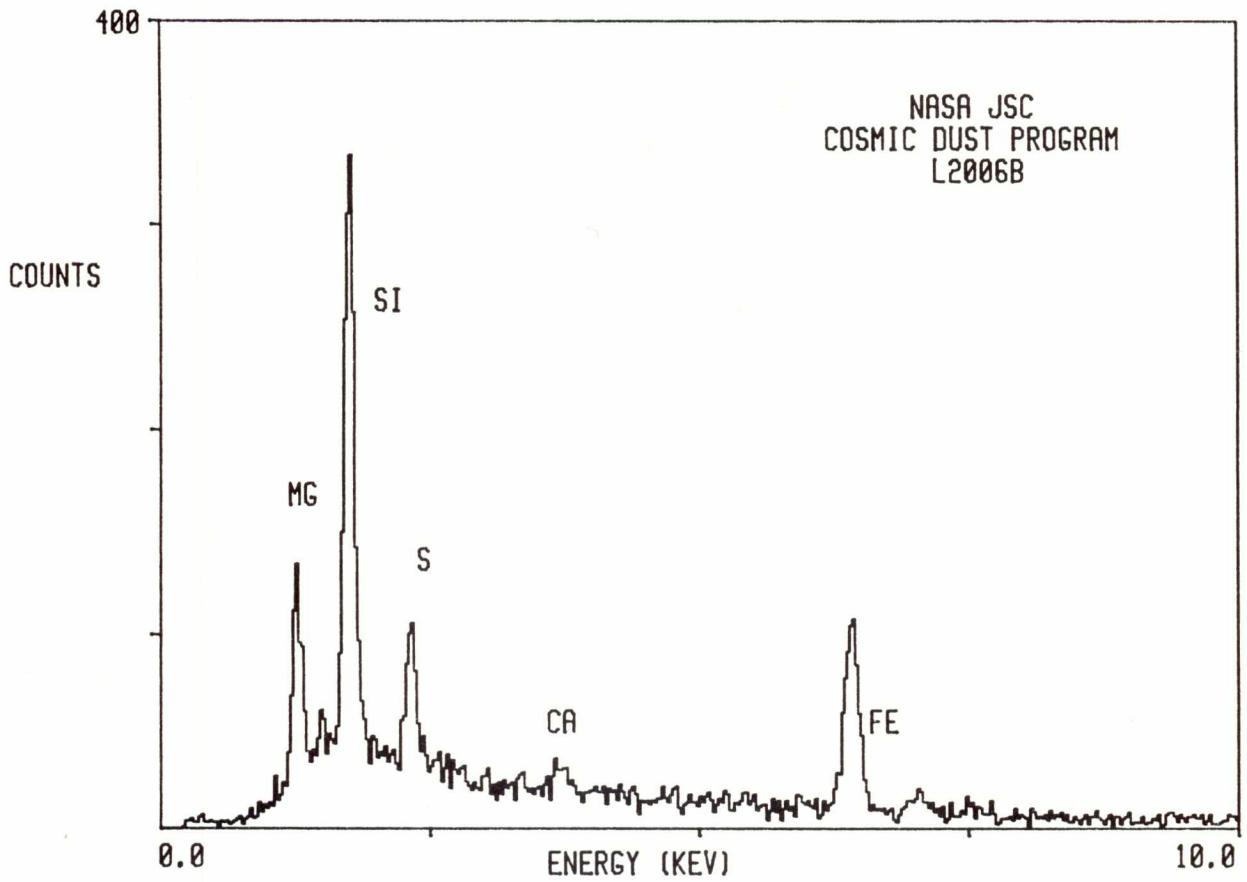


L2006 B 16

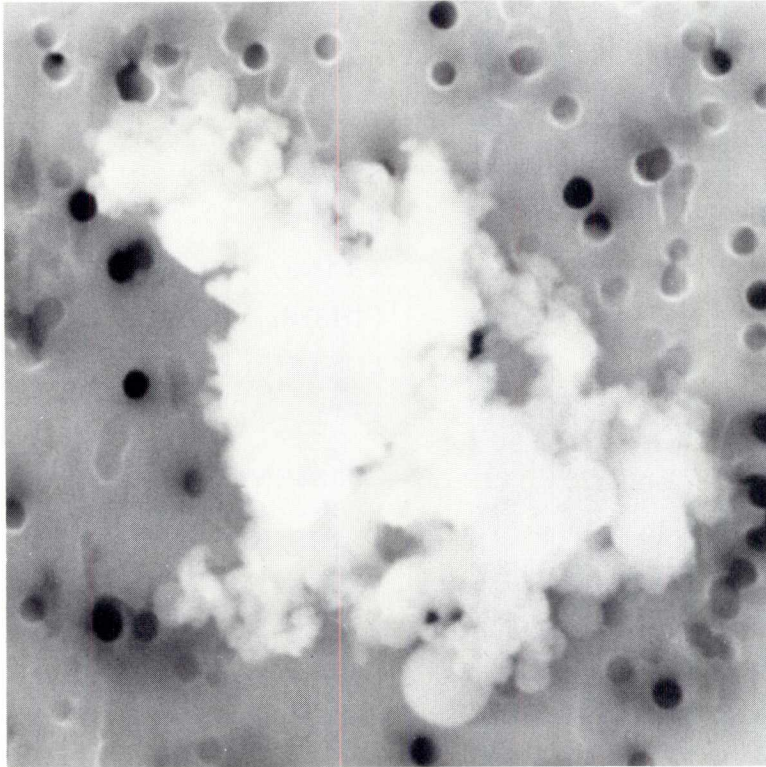


SIZE: 10  
SHAPE: I  
TRANS.: TL/O  
COLOR: Black  
LUSTER: D  
TYPE: C  
COMMENTS:  
Related to L2006  
B15, B17 and B18

S-91-32065



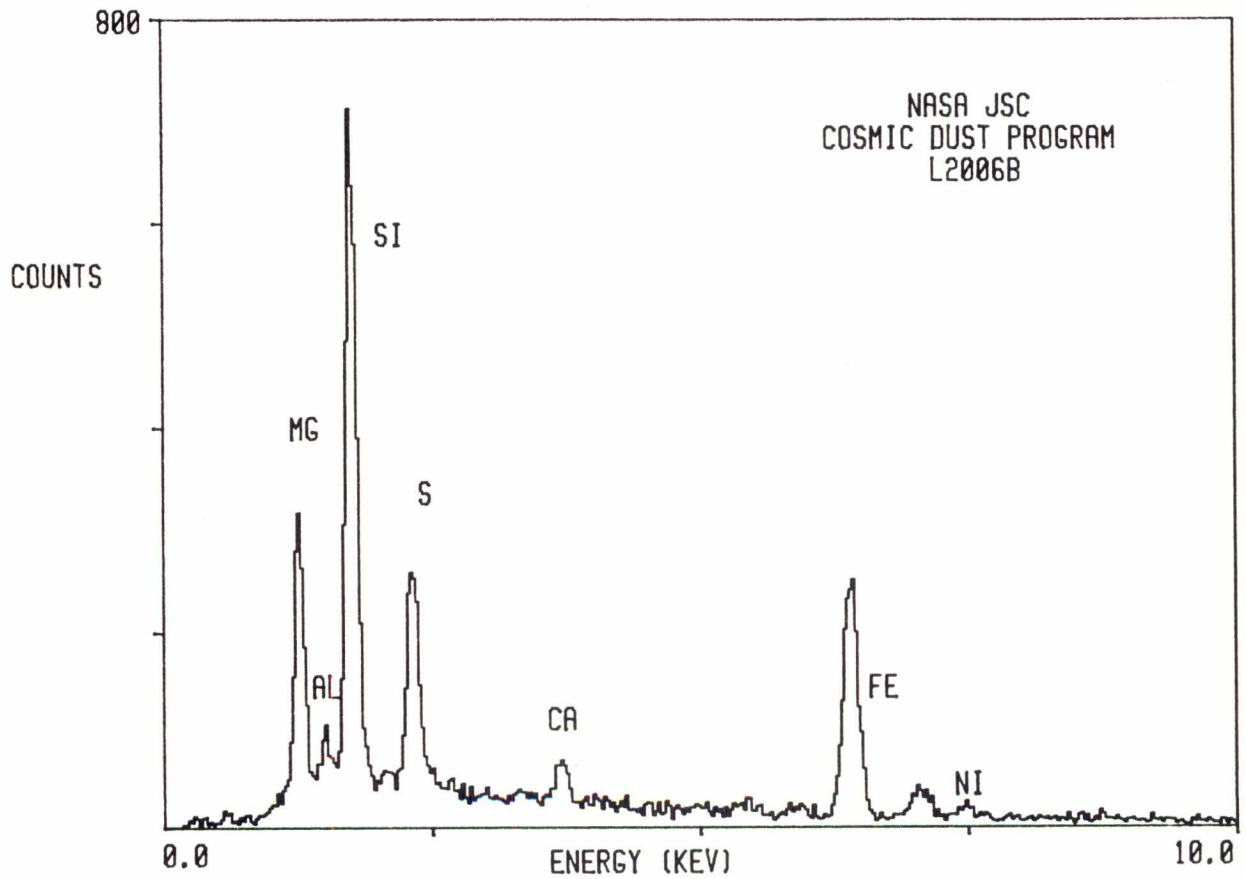
L2006 B 17



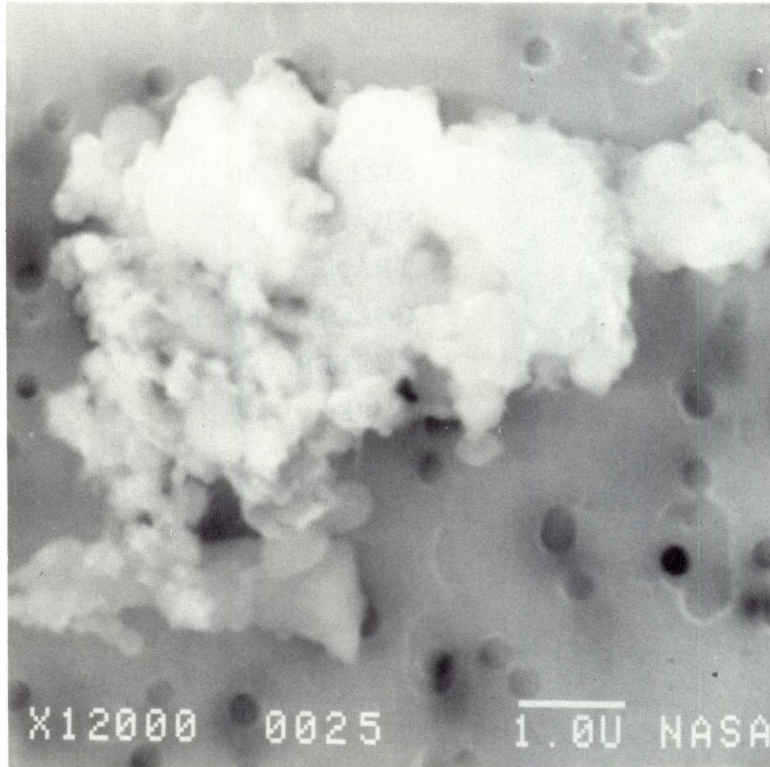
SIZE: 8  
SHAPE: I  
TRANS.: TL/O  
COLOR: Black  
LUSTER: D  
TYPE: C

COMMENTS:  
Related to L2006  
B15, B16 and B18

S-91-32066



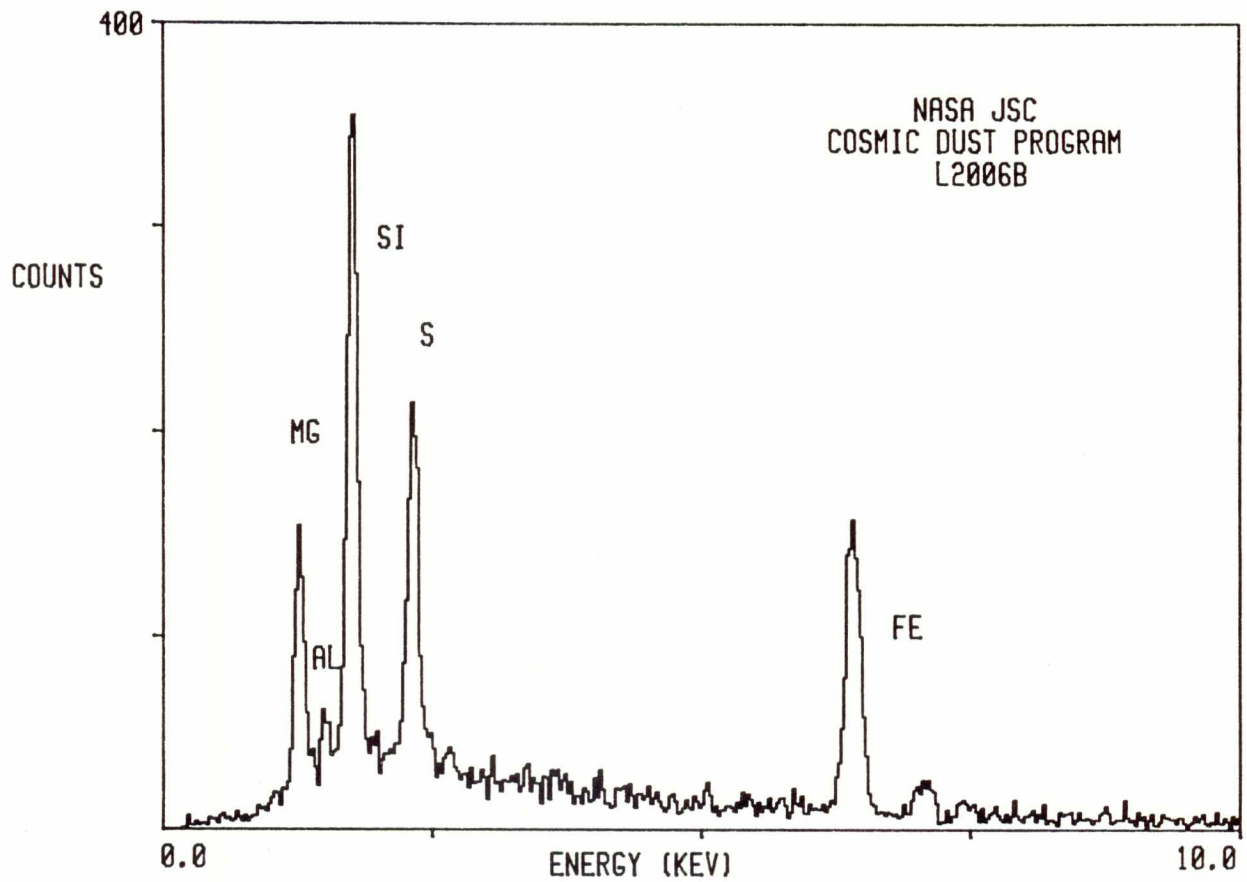
L2006 B 18



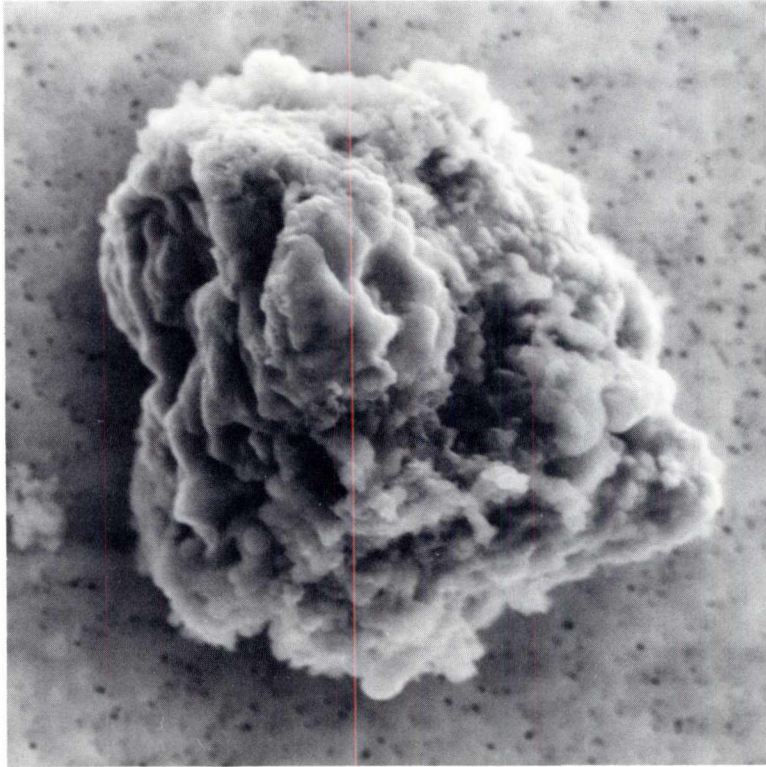
SIZE: 8  
SHAPE: I  
TRANS.: TL/O  
COLOR: Black  
LUSTER: D  
TYPE: C

COMMENTS:  
Related to L2006  
B15, B16 and B17

S-91-32067

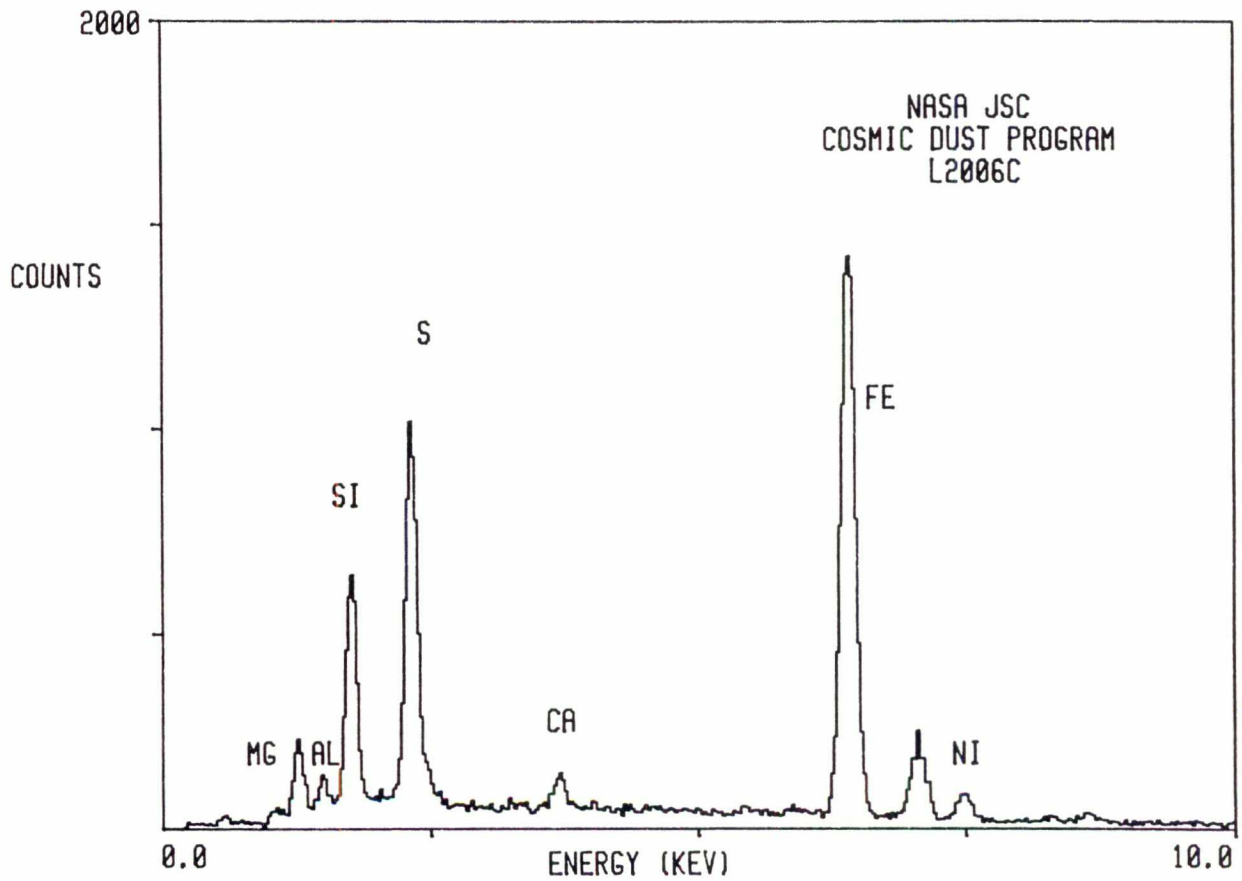


L2006 C 3

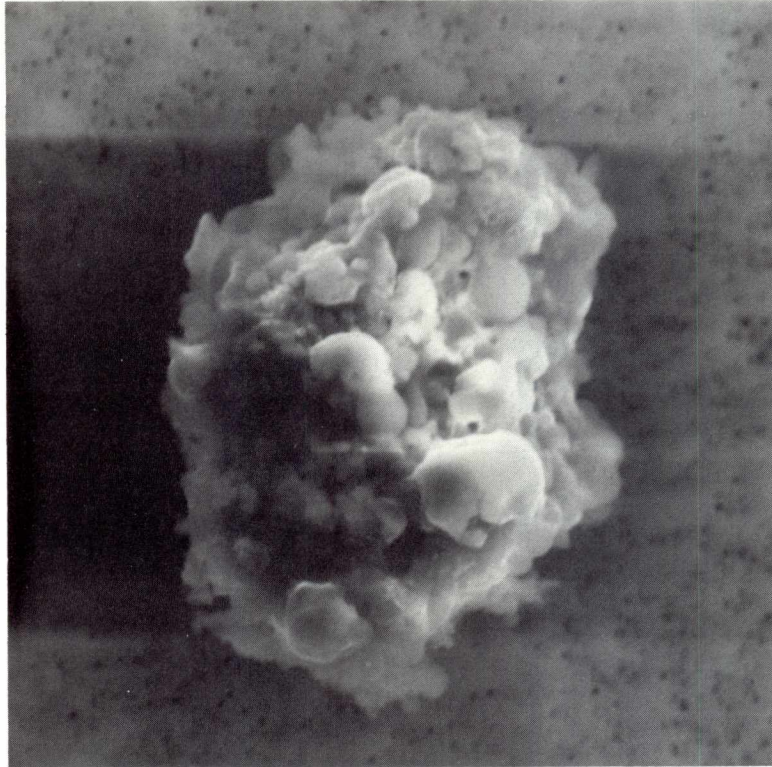


SIZE: 30  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SV/D  
TYPE: C?  
COMMENTS:

S-91-32130

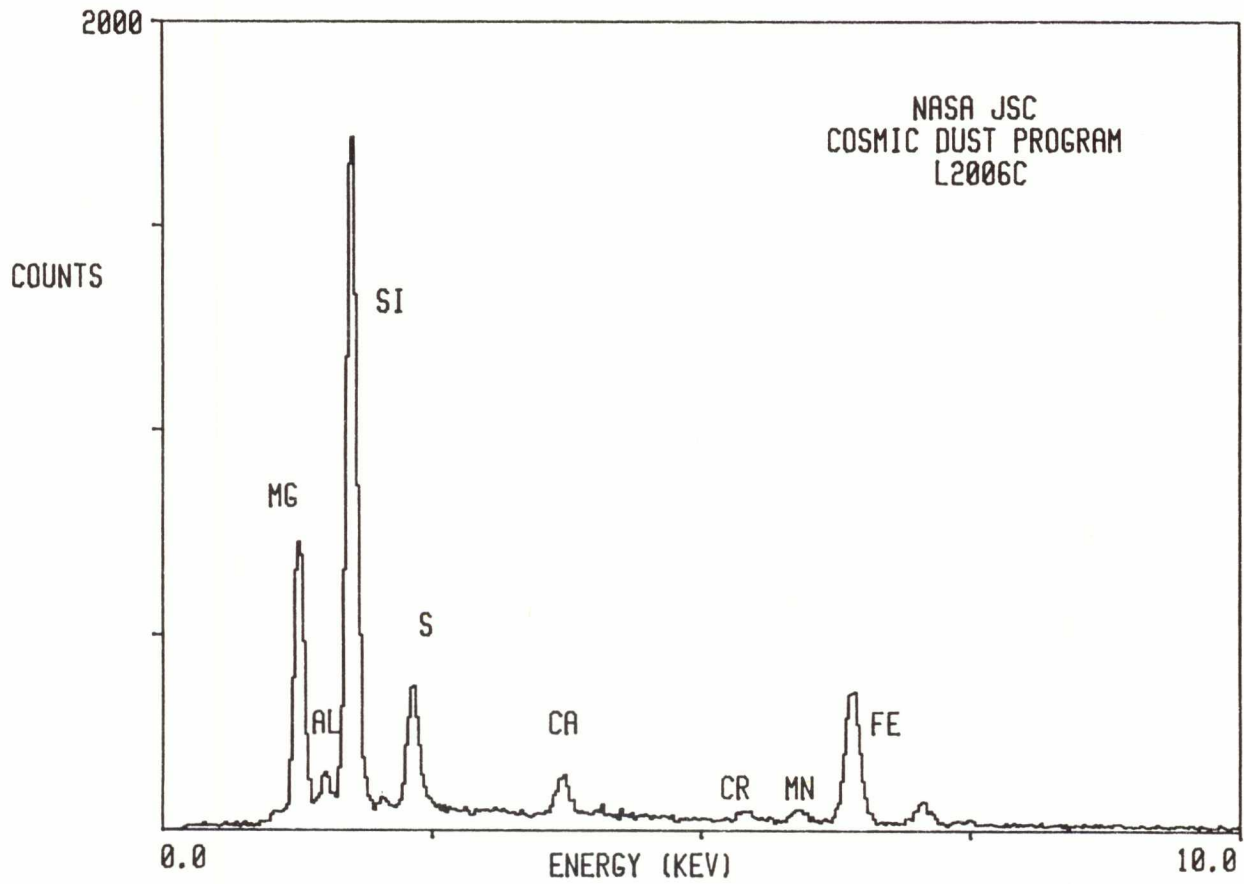


L2006 C 4

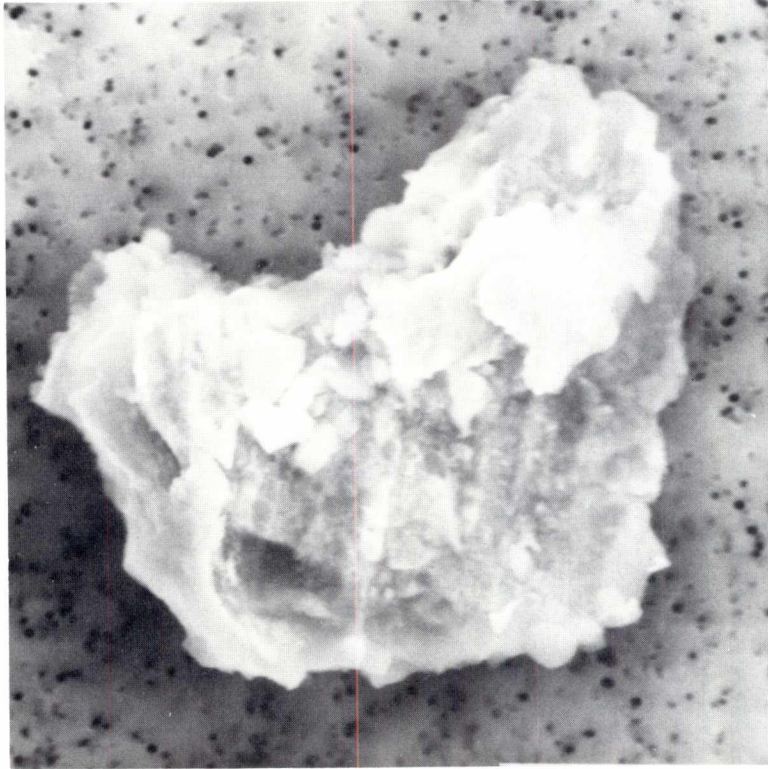


SIZE: 30x20  
SHAPE: I  
TRANS.: O/TL  
COLOR: Black  
LUSTER: SV/D  
TYPE: C  
COMMENTS:

S-91-32131

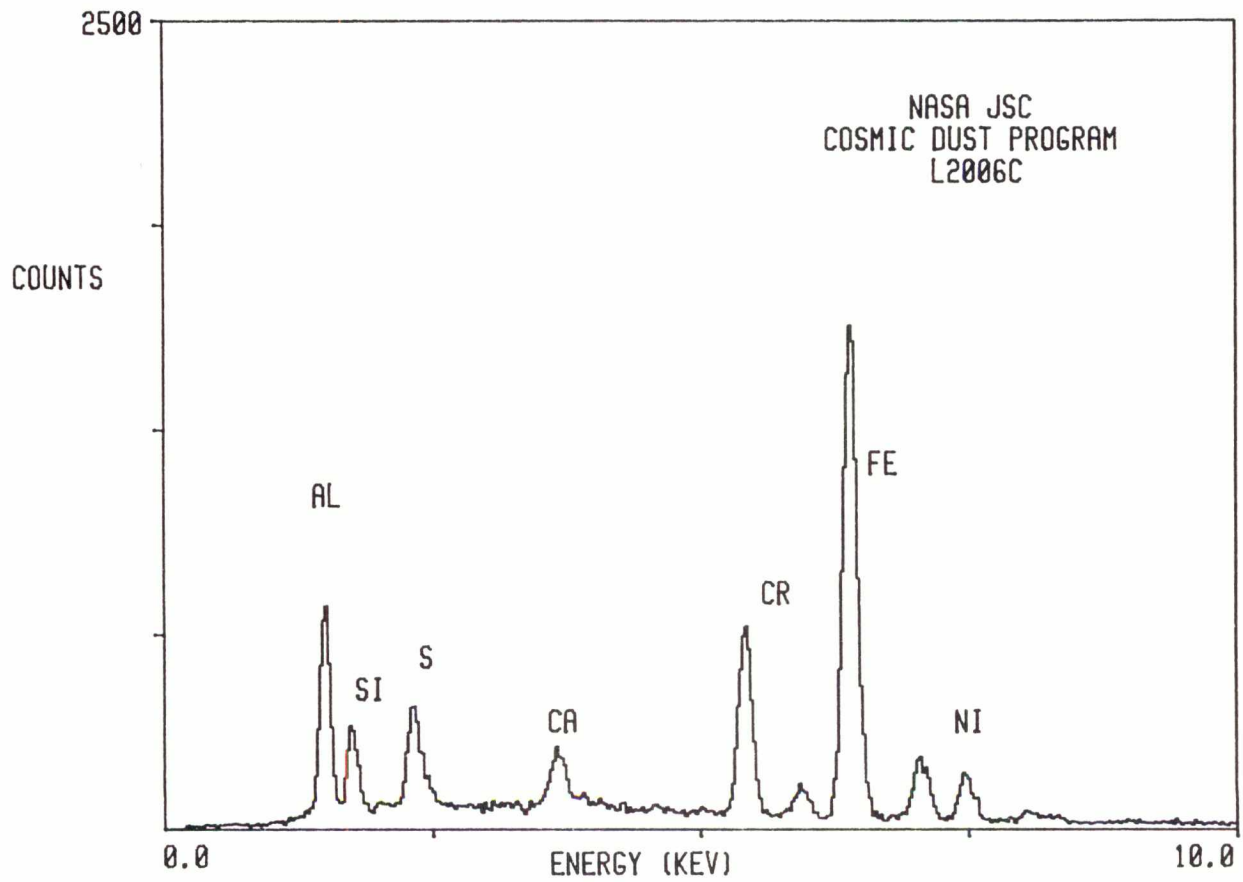


L2006 C 5

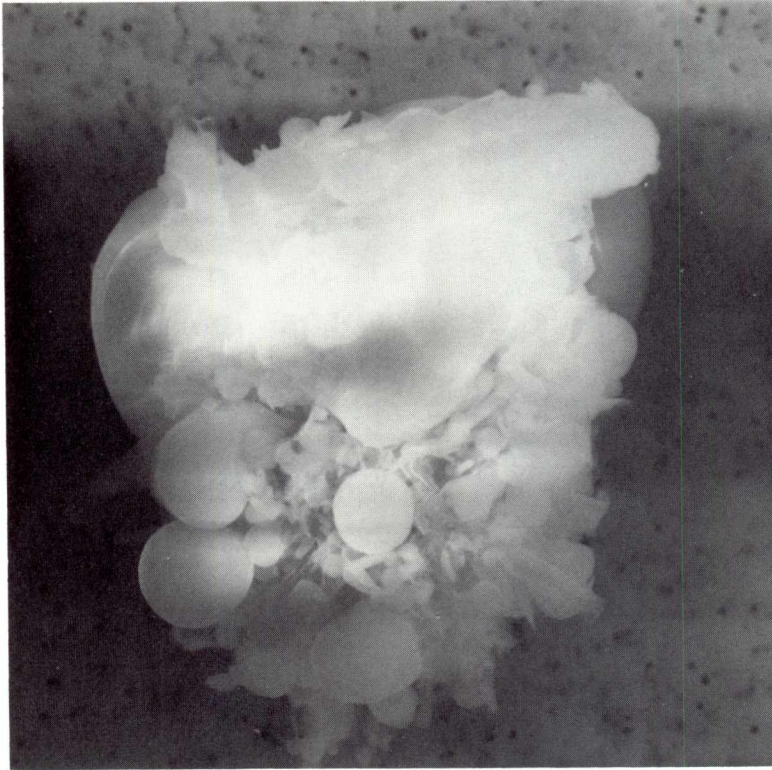


SIZE: 25x20  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D  
TYPE: C?  
COMMENTS:

S-91-32132

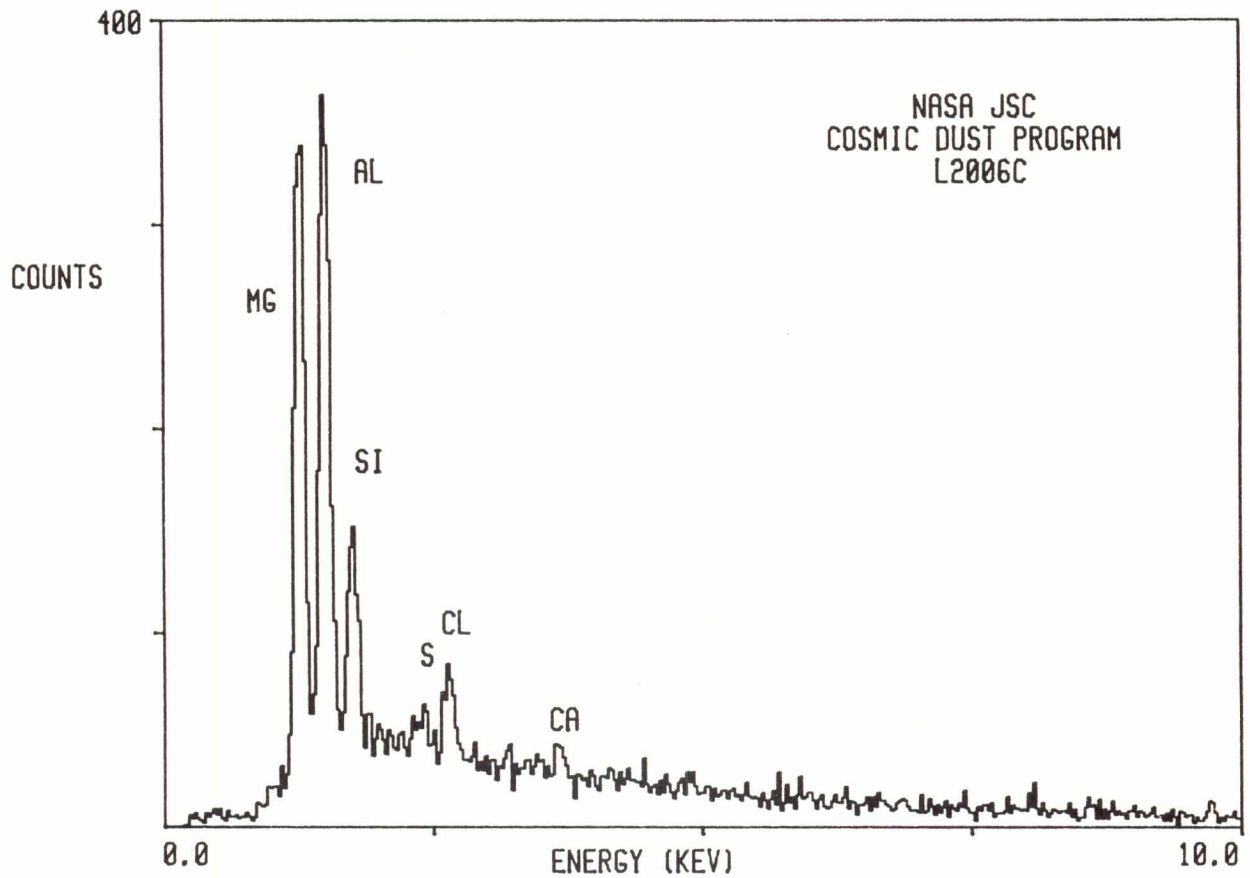


L2006 C 6



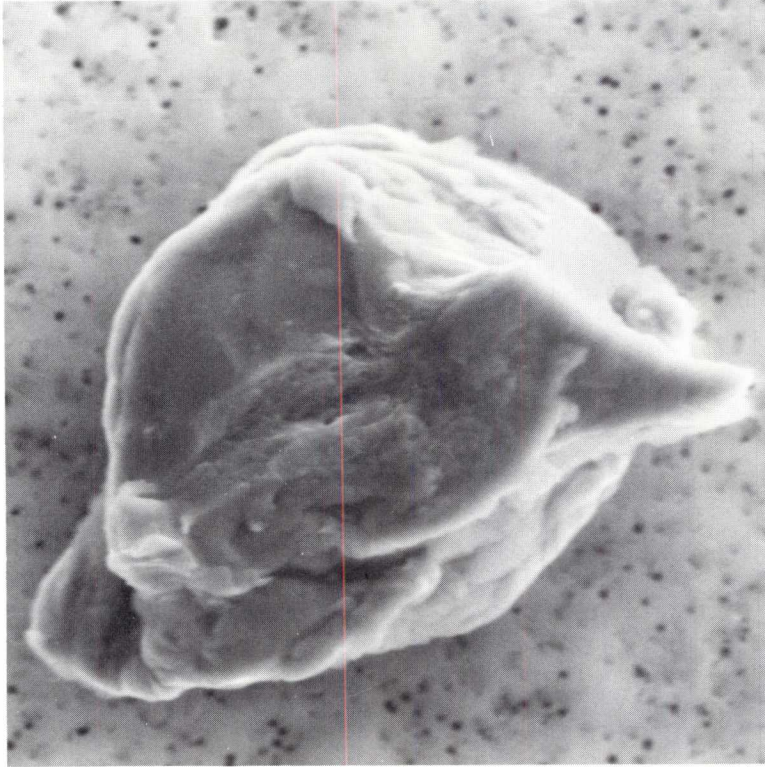
SIZE: 20x5  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D  
TYPE: C?  
COMMENTS:

S-91-32133



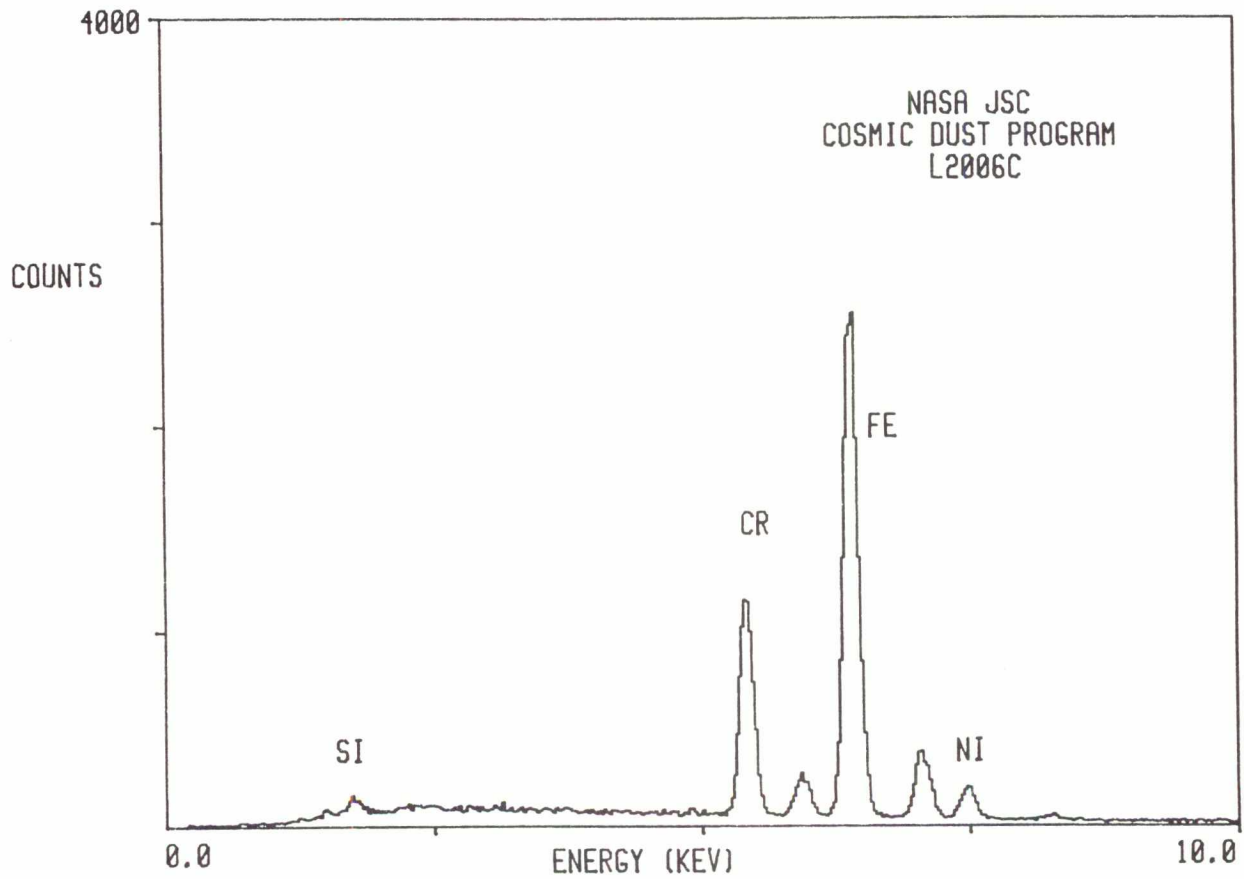


L2006 C 7

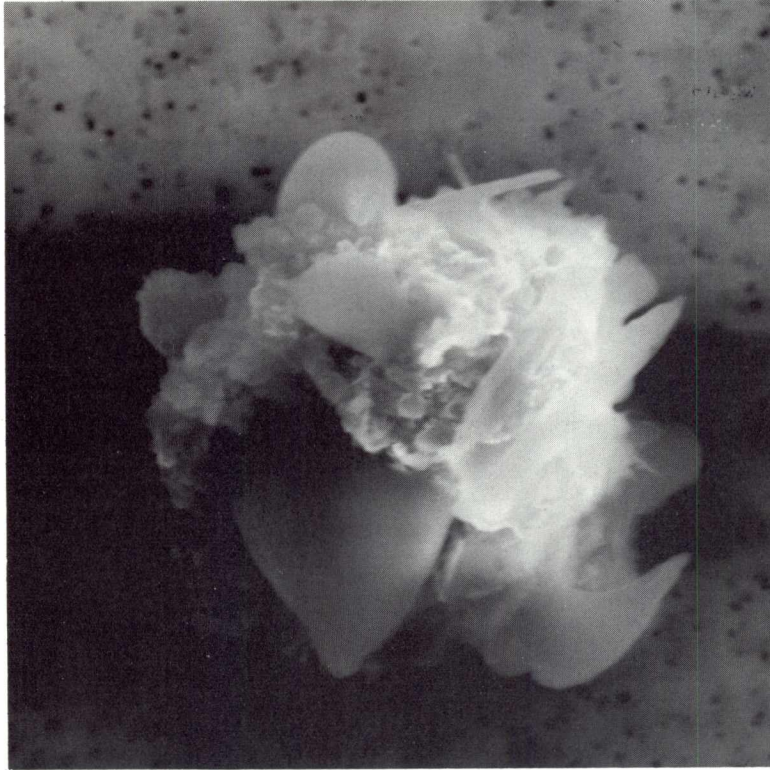


SIZE: 20  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D  
TYPE: C?  
COMMENTS:

S-91-32134

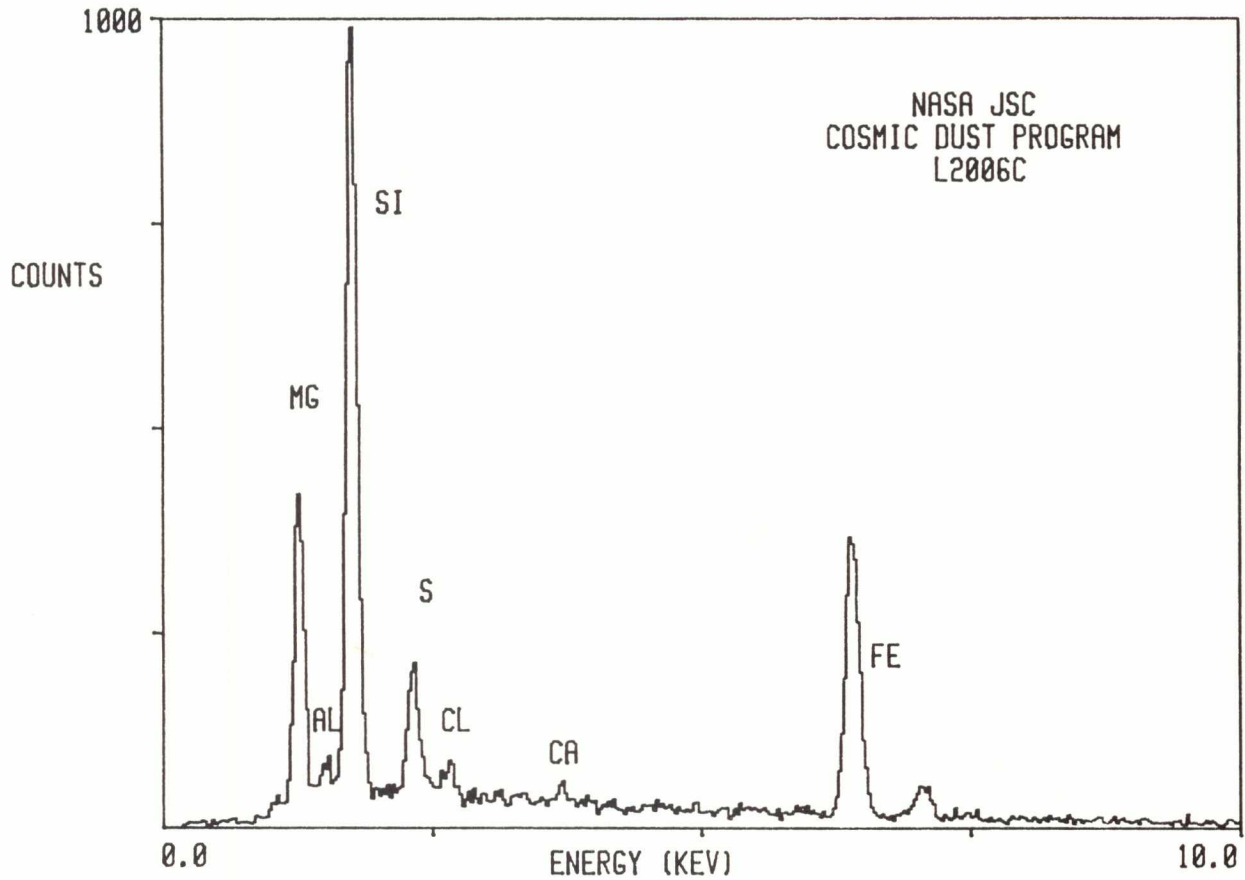


L2006 C 10

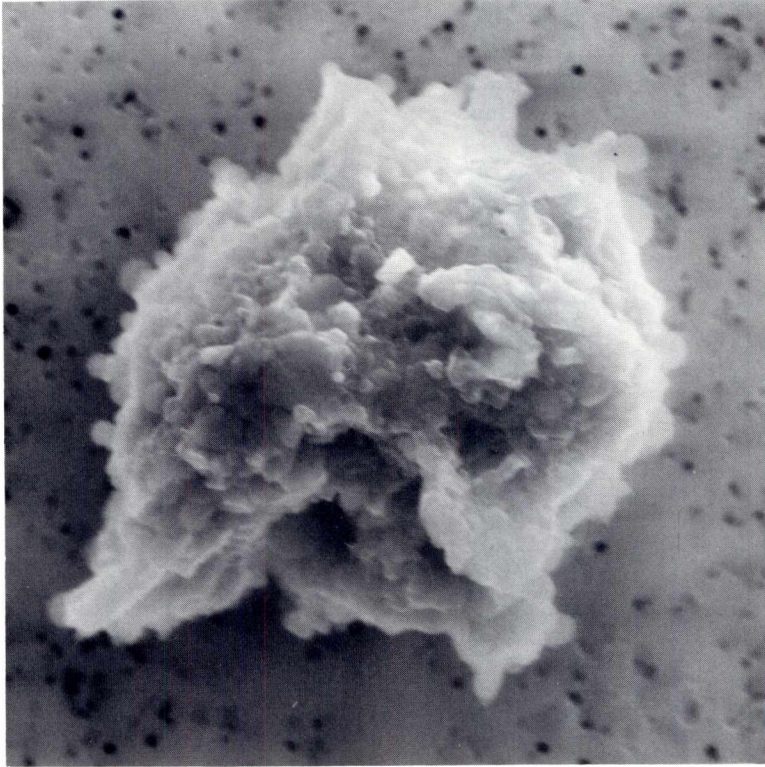


SIZE: 15  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D/SV  
TYPE: C  
COMMENTS:

S-91-32137

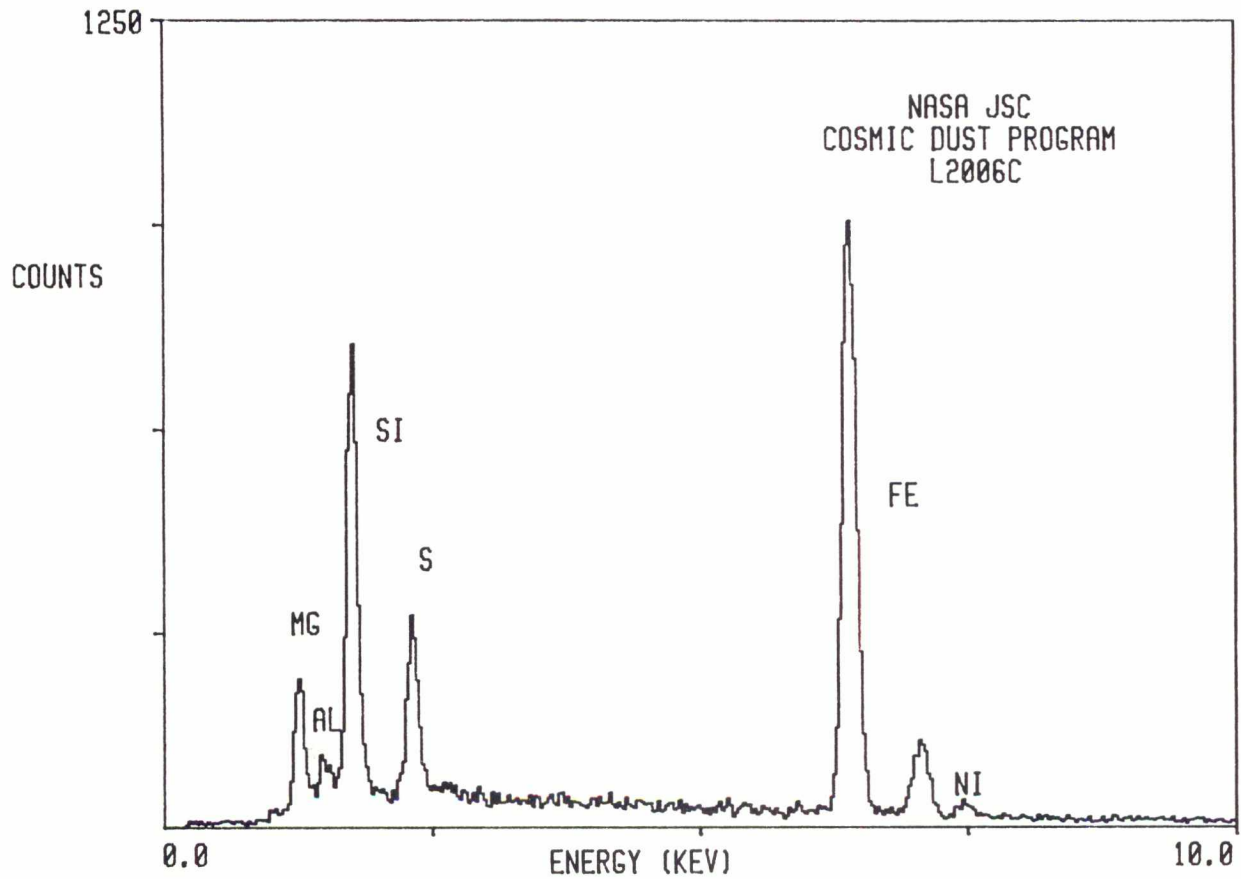


L2006 C 12

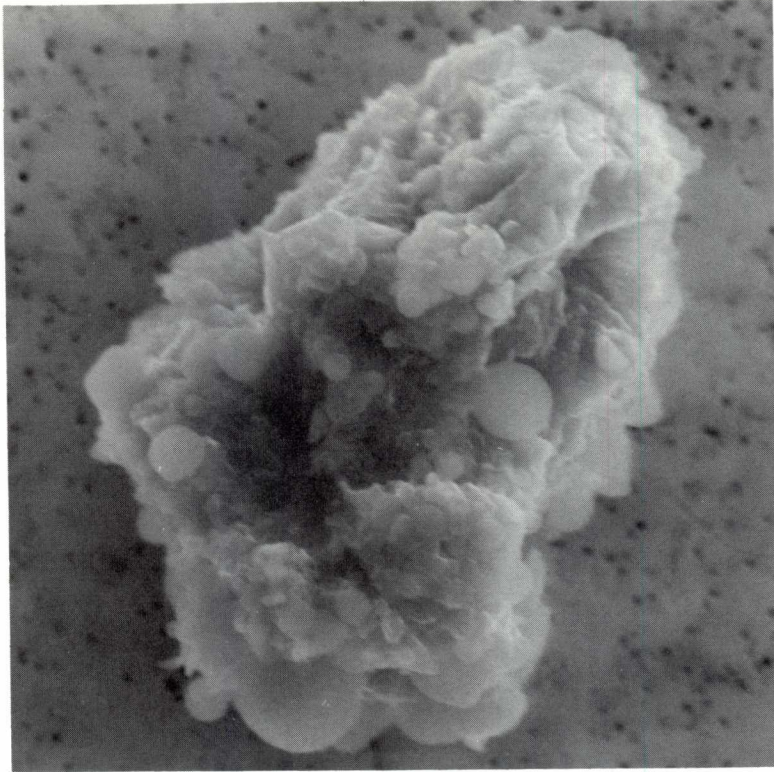


SIZE: 15  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D/SV  
TYPE: C  
COMMENTS:

S-91-32139



L2006 C 13



SIZE: 20x15

SHAPE: I

TRANS.: O

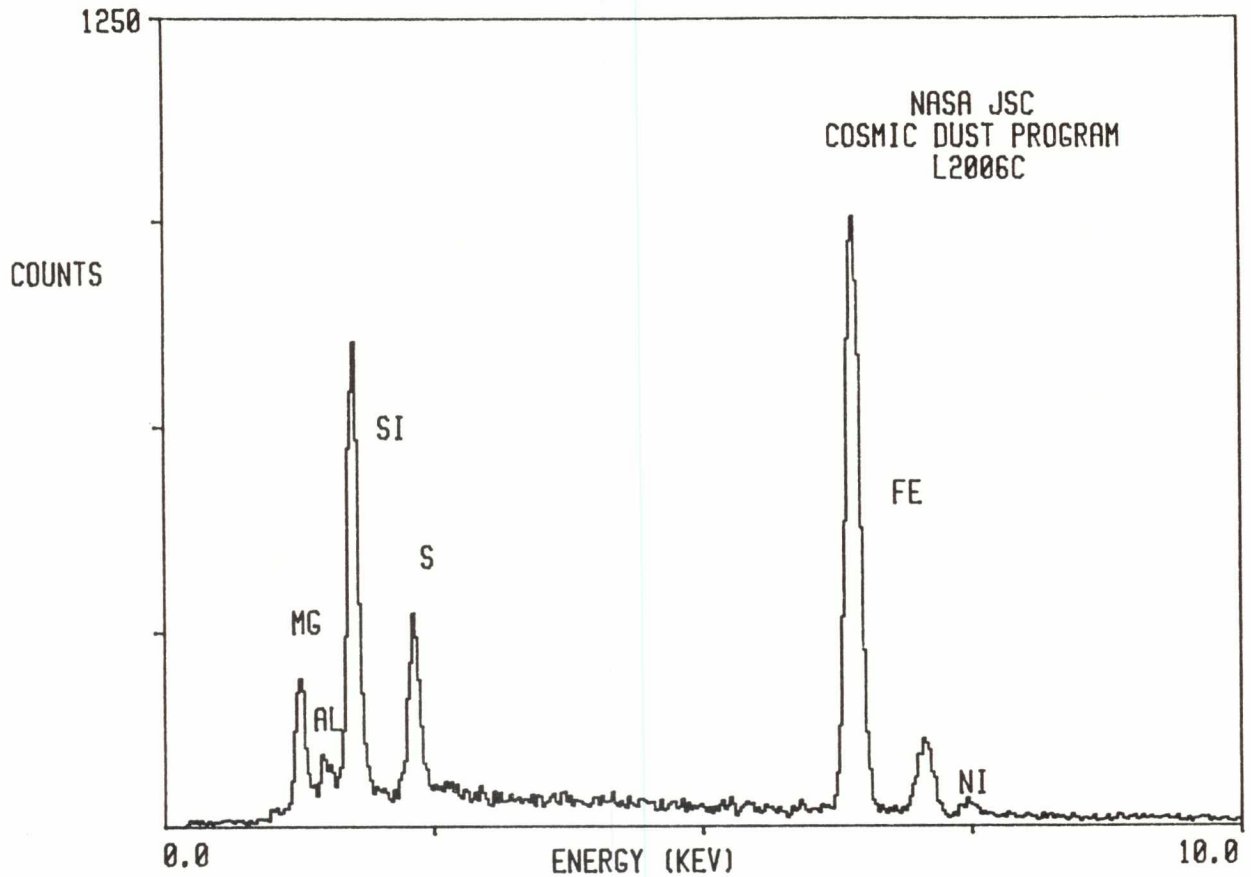
COLOR: Black

LUSTER: D/SV

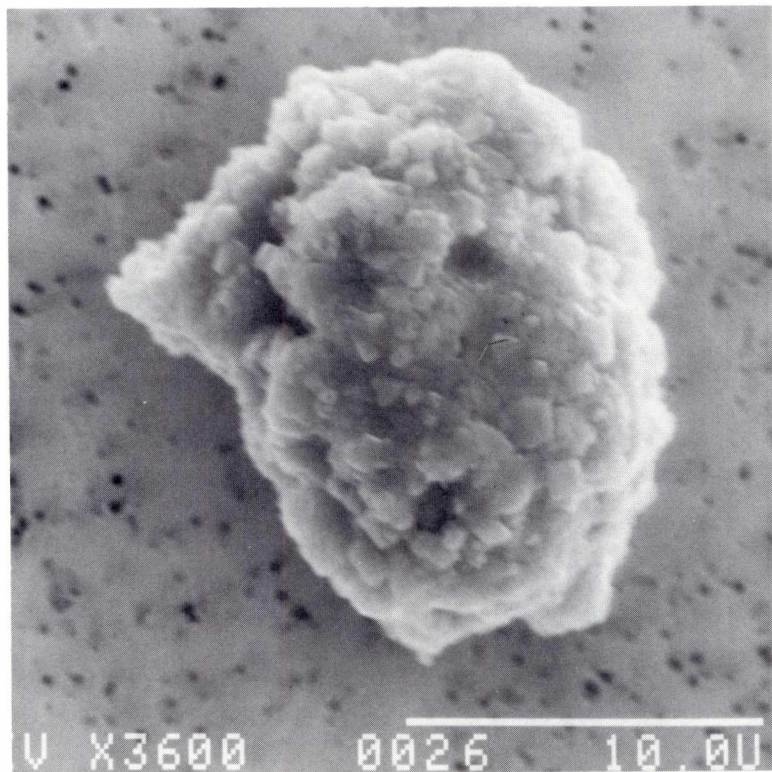
TYPE: C

COMMENTS:

S-91-32140

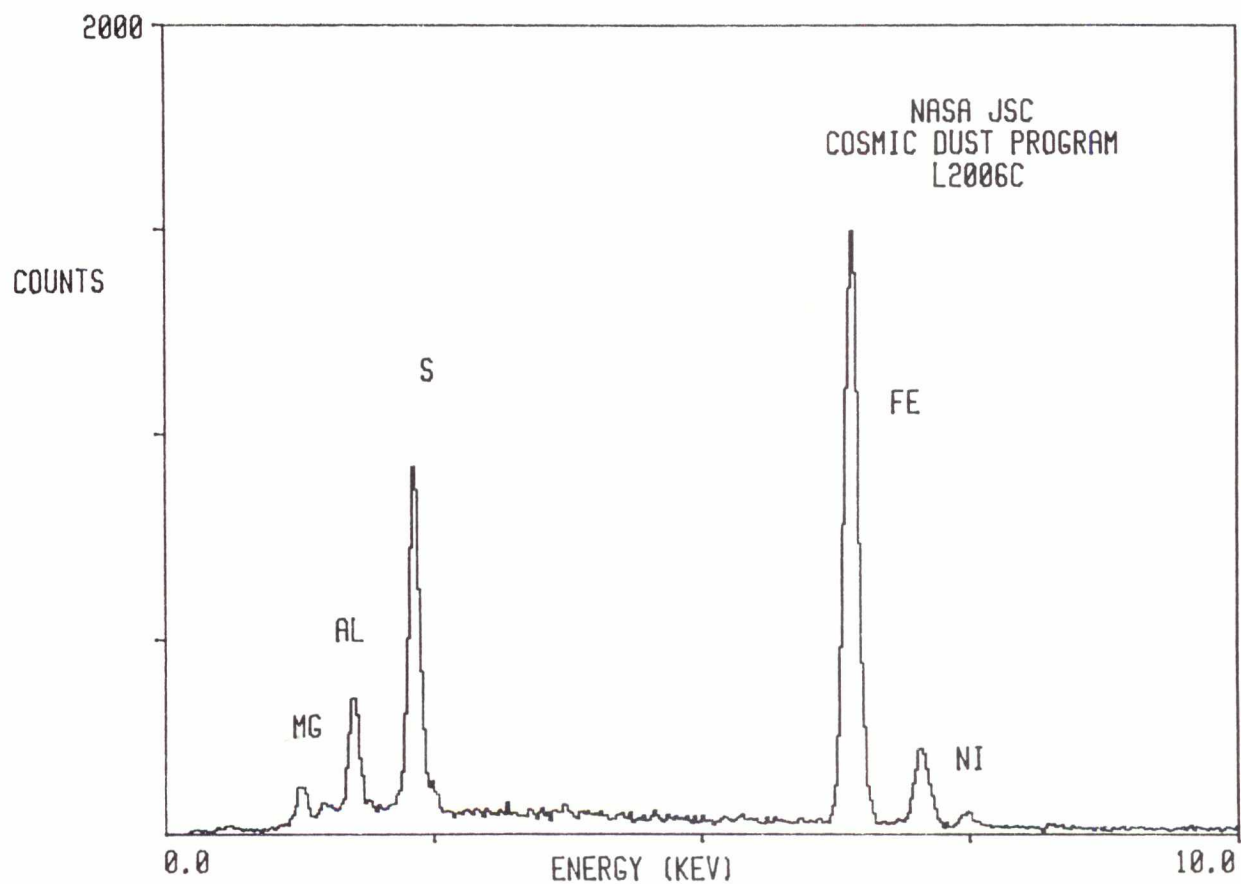


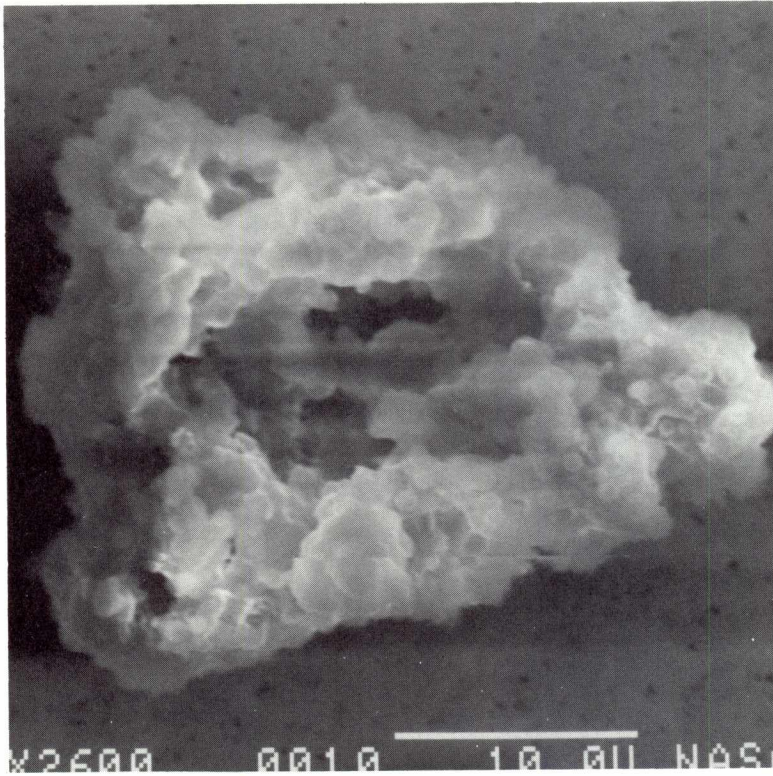
L2006 C 14



SIZE: 15x10  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D/SM  
TYPE: C?  
COMMENTS:

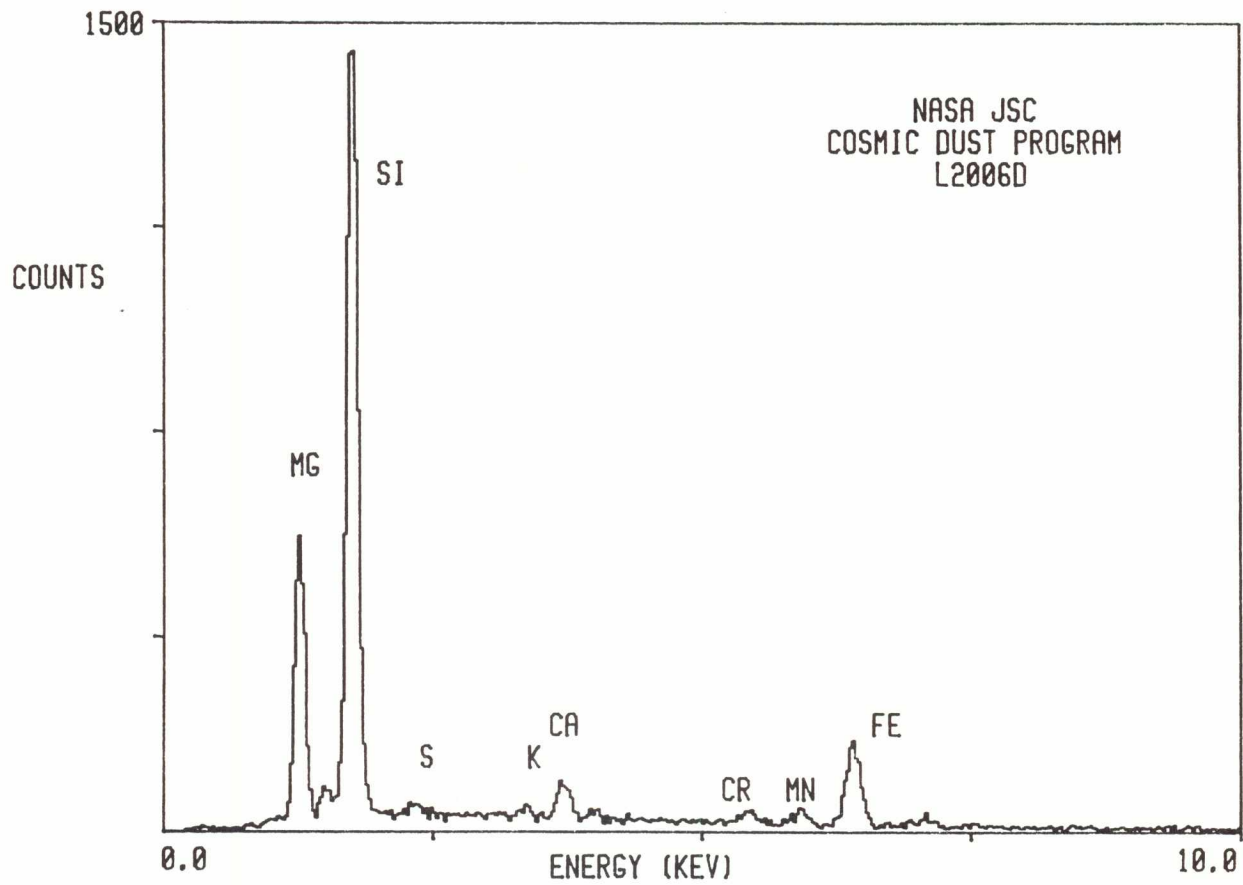
S-91-32142



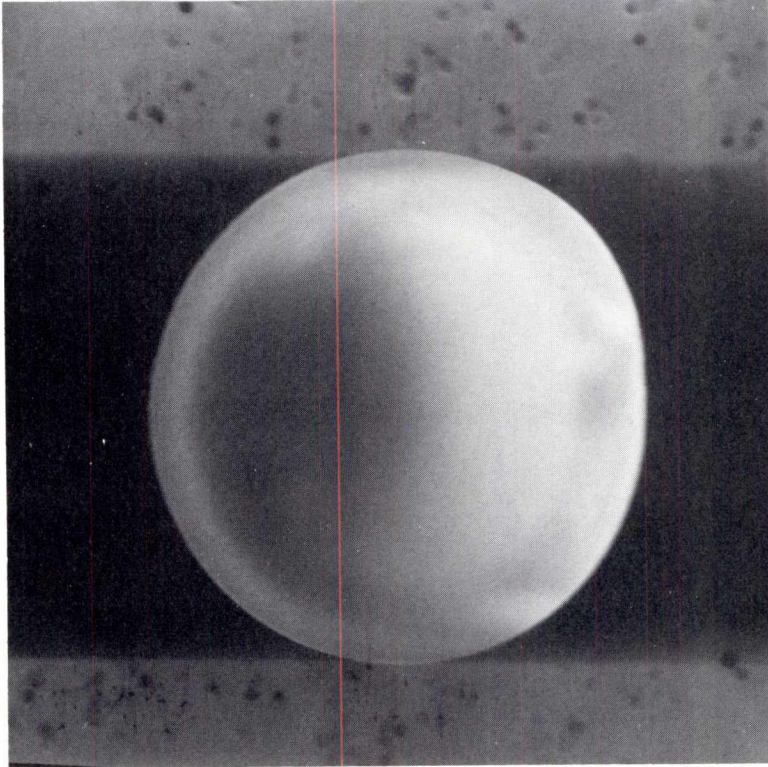


SIZE: 20x15  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D  
TYPE: C?  
COMMENTS:

S-91-32039

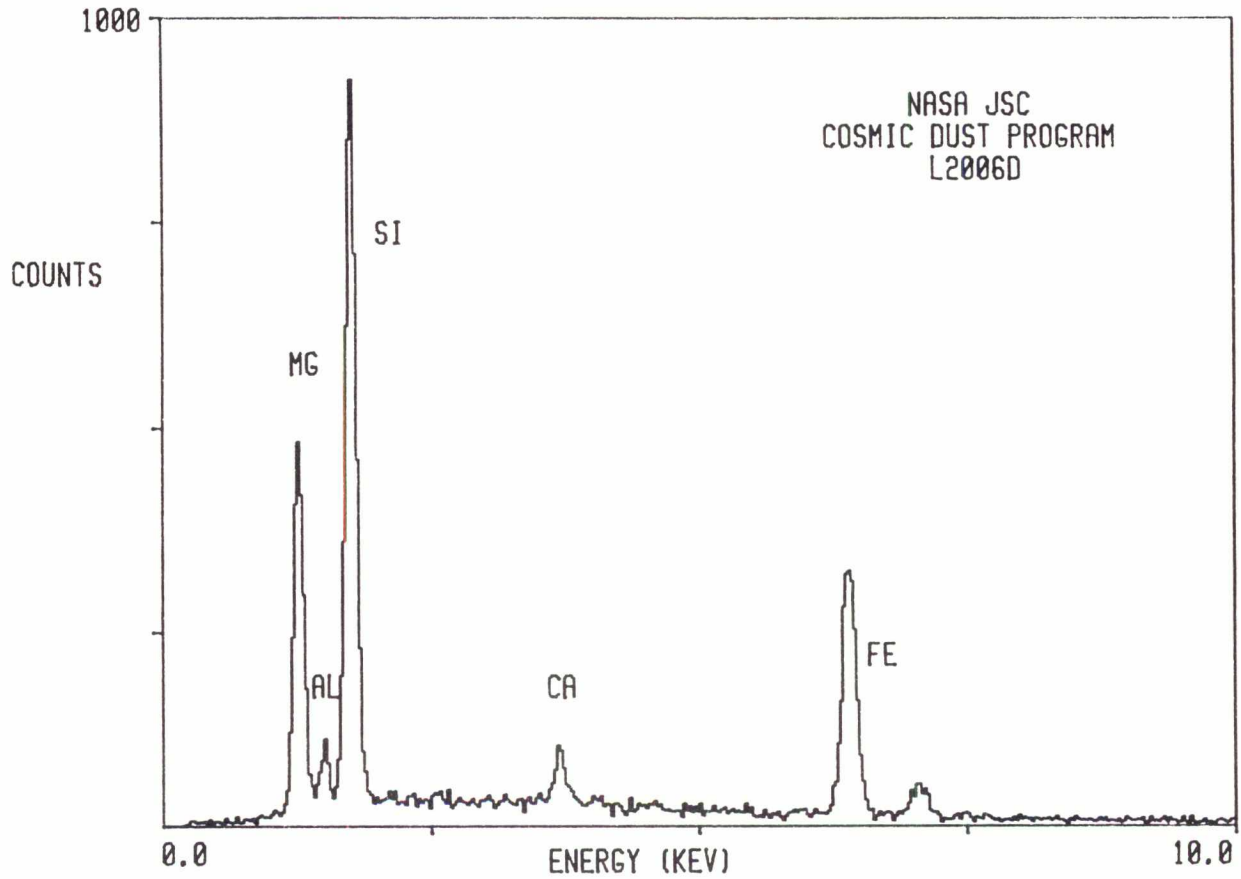


L2006 D 4

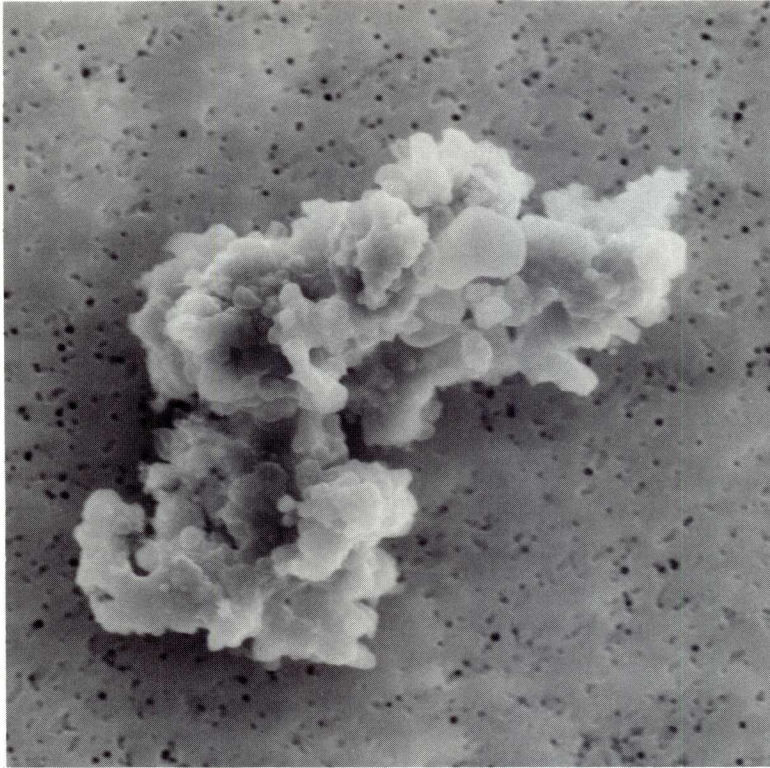


SIZE: 10  
SHAPE: S  
TRANS.: TL  
COLOR: Brown  
LUSTER: SV  
TYPE: C  
COMMENTS:

S-91-32040

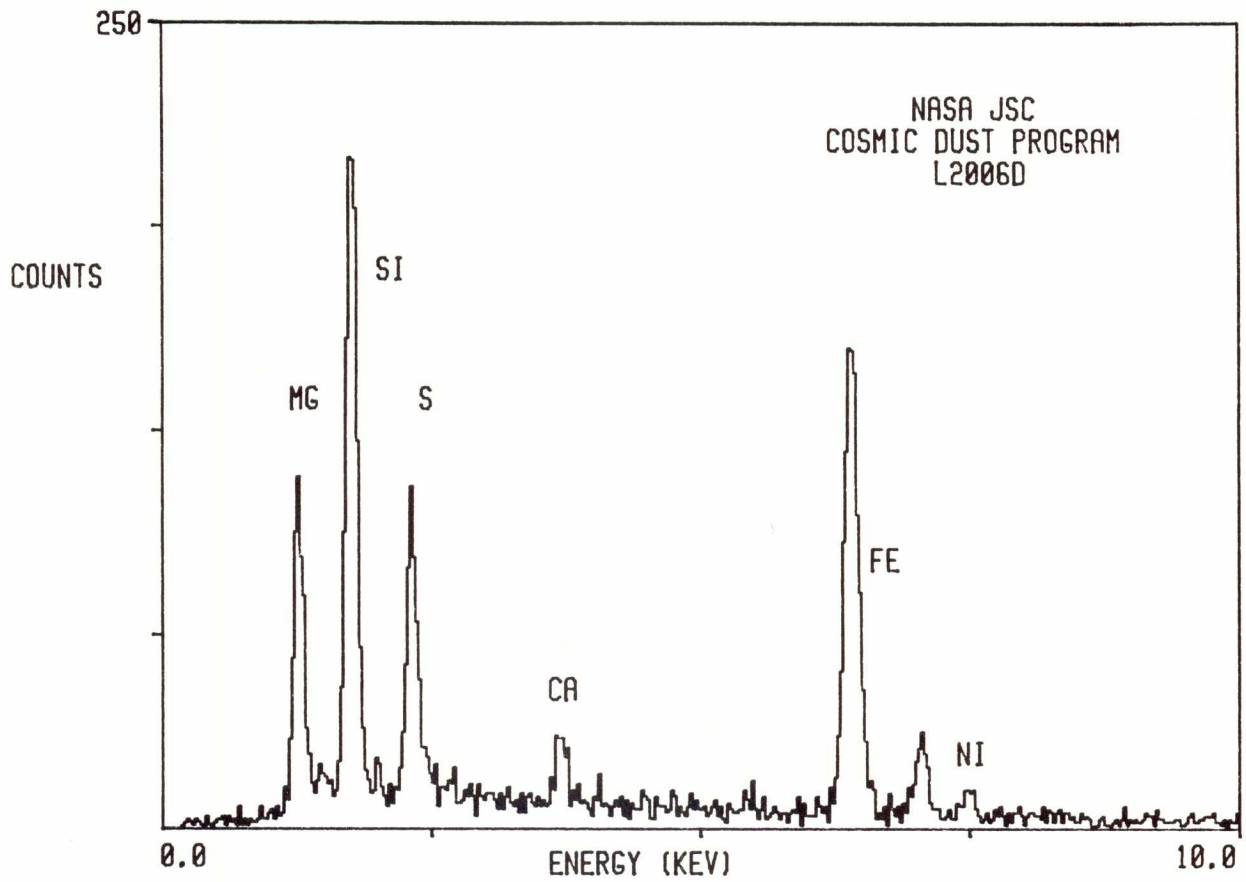


L2006 D 7



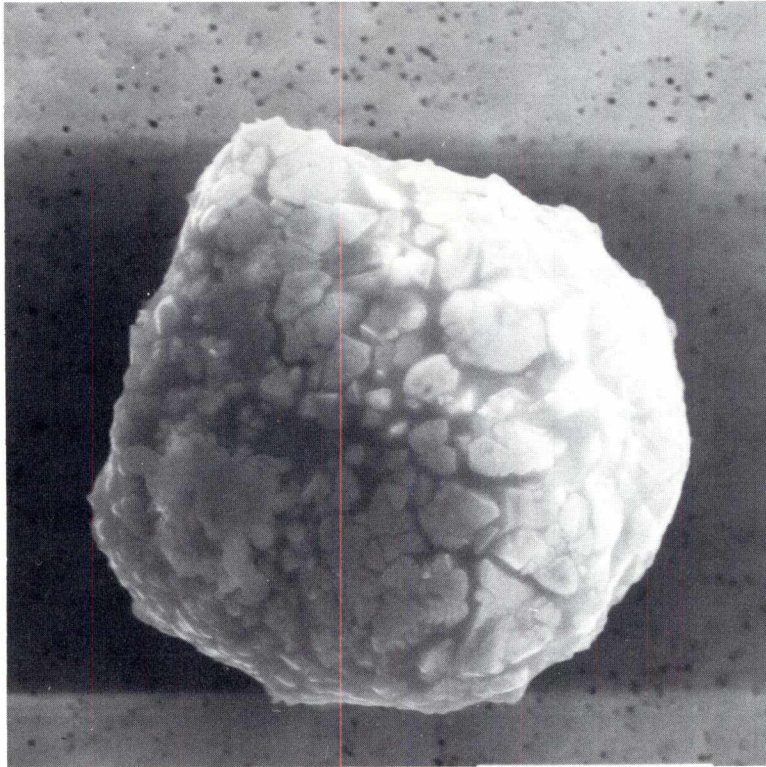
SIZE: 25x10  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D/SM  
TYPE: C  
COMMENTS:

S-91-32043



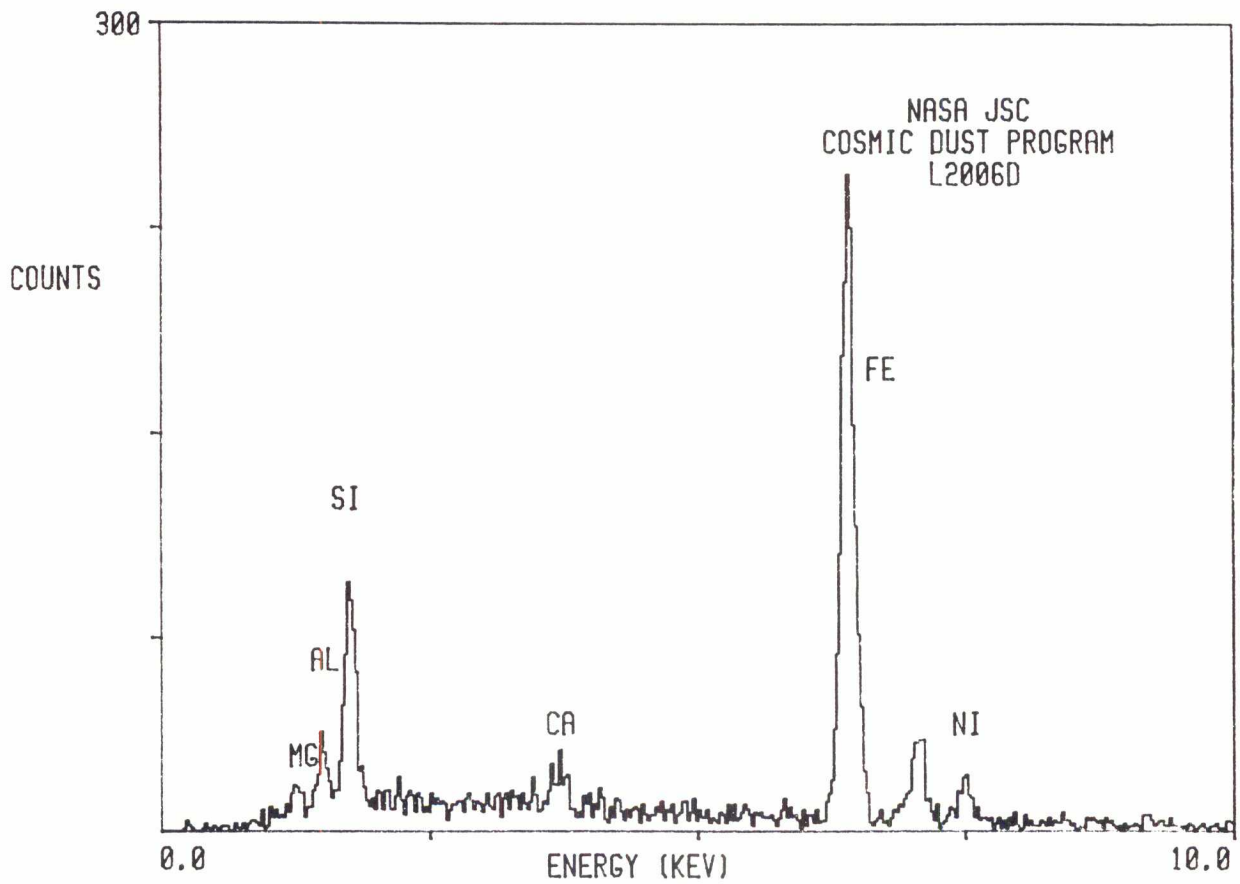


L2006 D 10

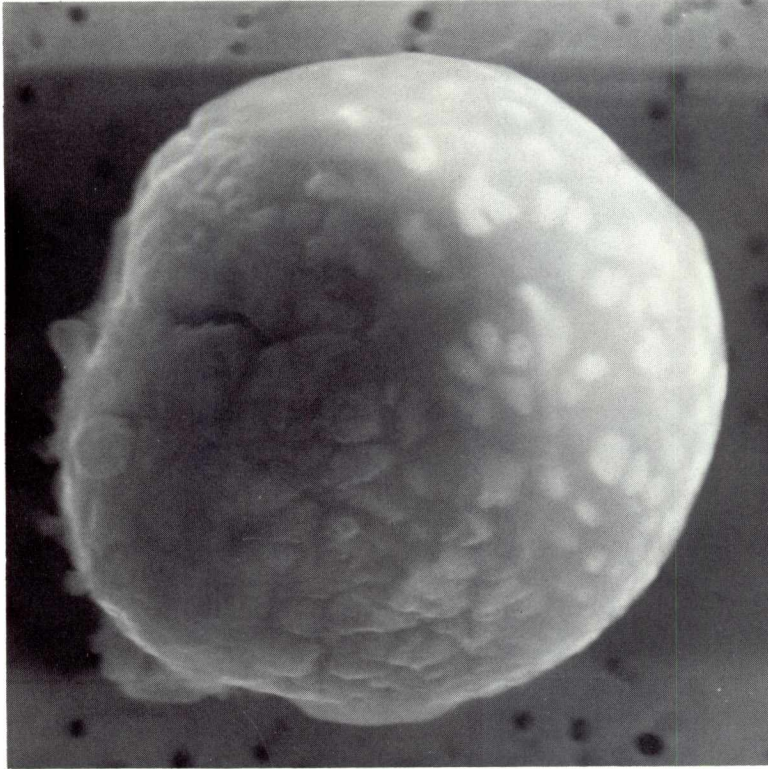


SIZE: 20  
SHAPE: E  
TRANS.: O  
COLOR: Black  
LUSTER: SM/D  
TYPE: C?  
COMMENTS:

S-91-32046

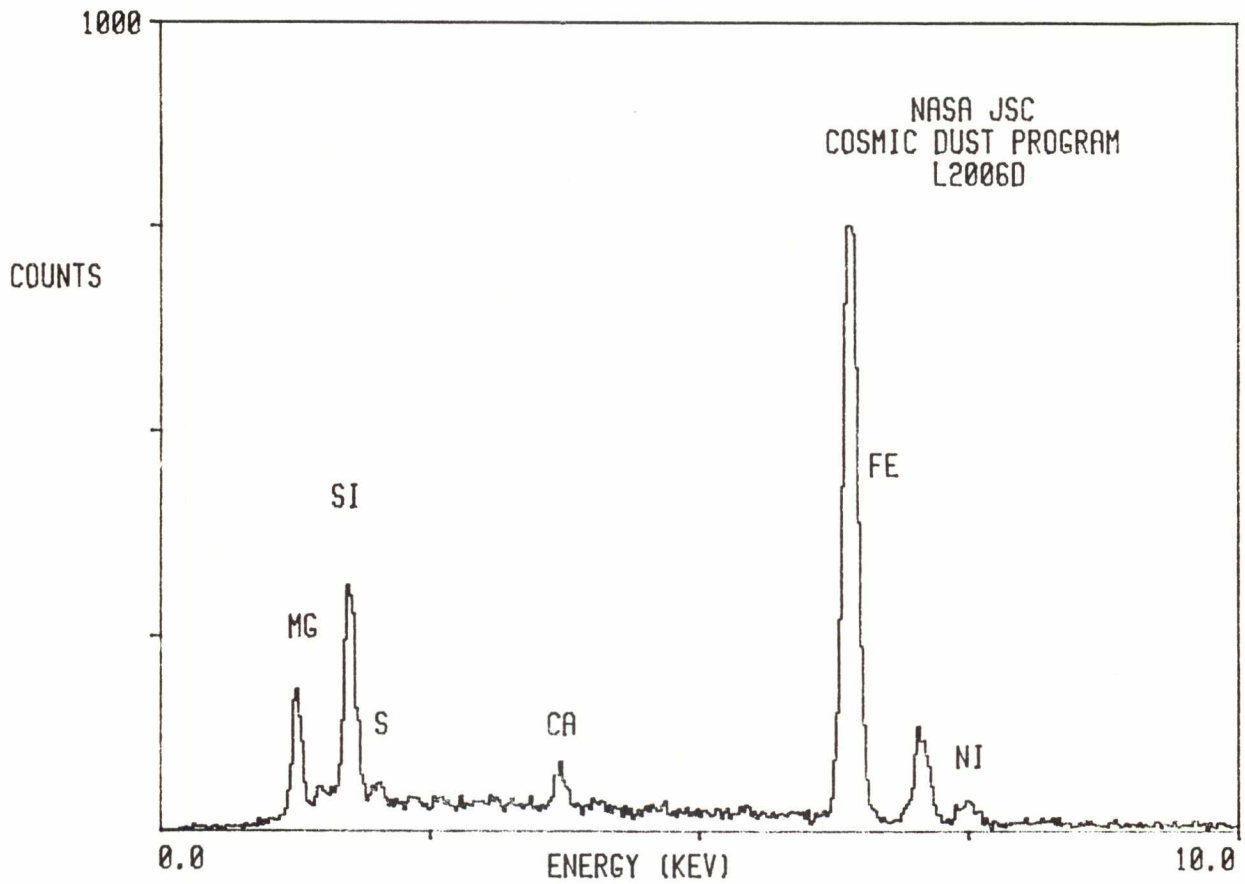


L2006 D 11

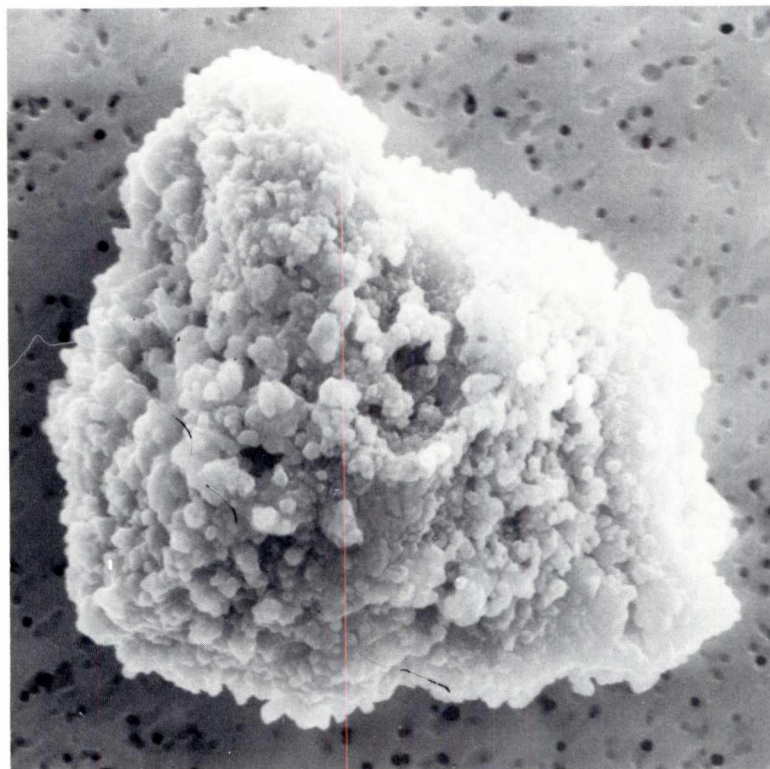


SIZE: 8  
SHAPE: S  
TRANS.: O  
COLOR: Brown to Black  
LUSTER: SV  
TYPE: C?  
COMMENTS:

S-91-32047

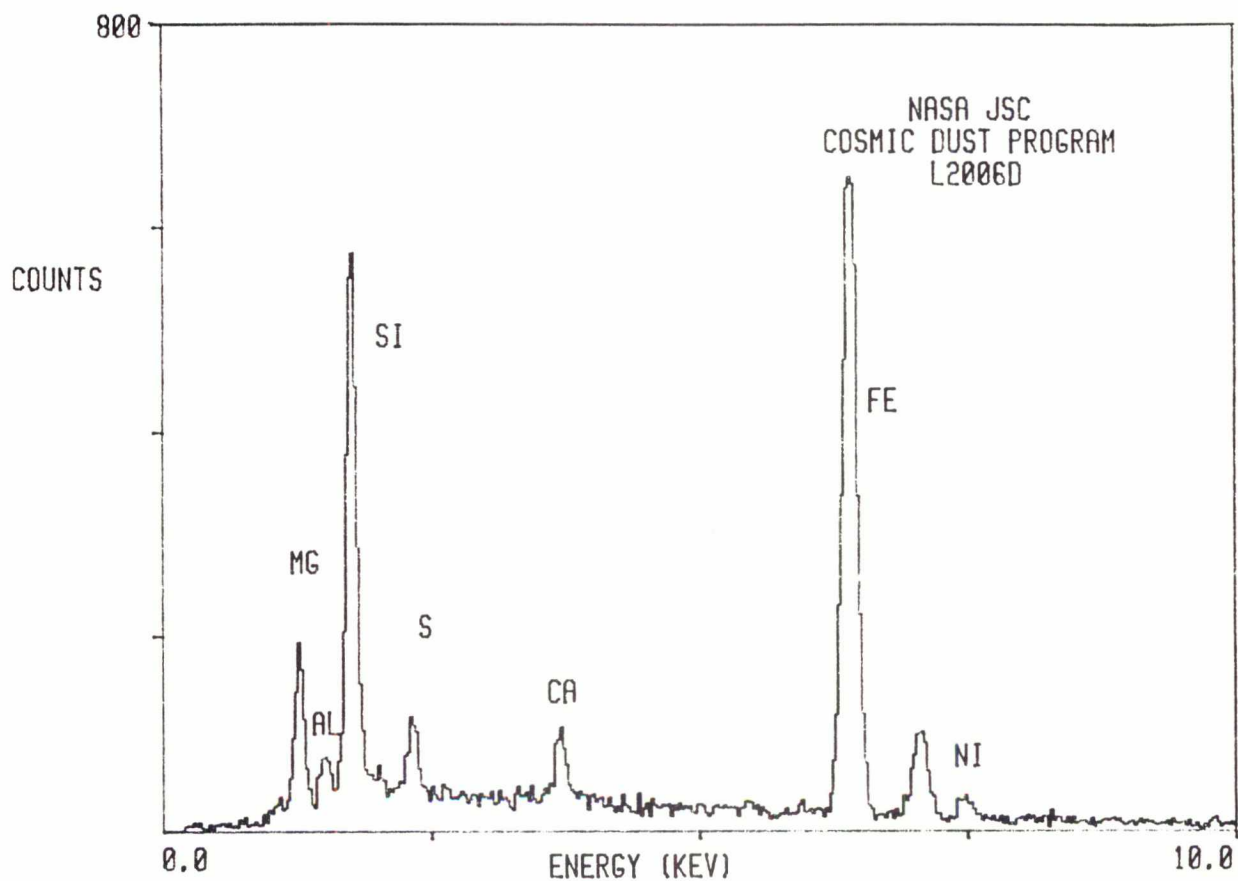


L2006 D 13

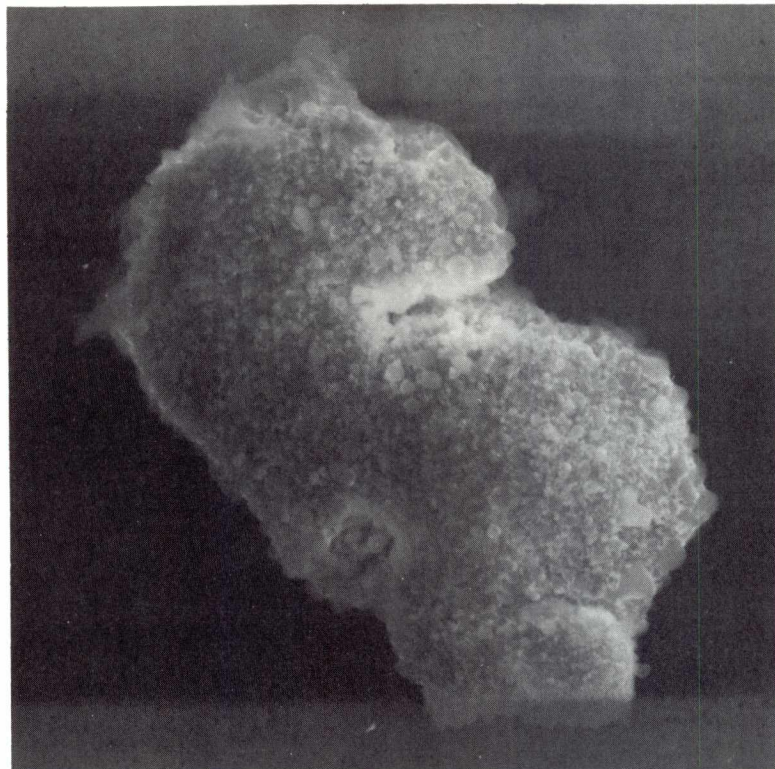


SIZE: 20  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D/SM  
TYPE: C  
COMMENTS:

S-91-32049



L2006 E 1



SIZE: 60x30

SHAPE: I

TRANS.: O

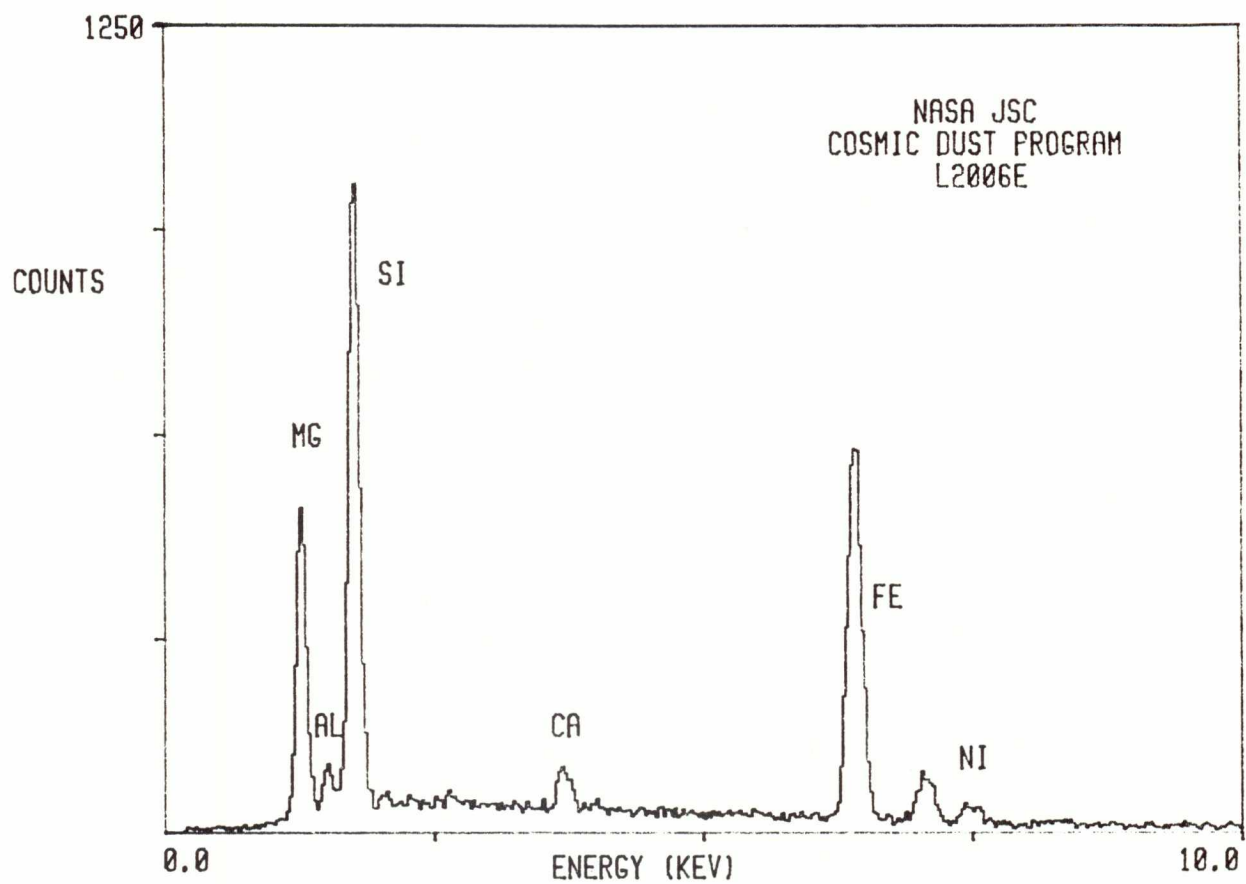
COLOR: Black

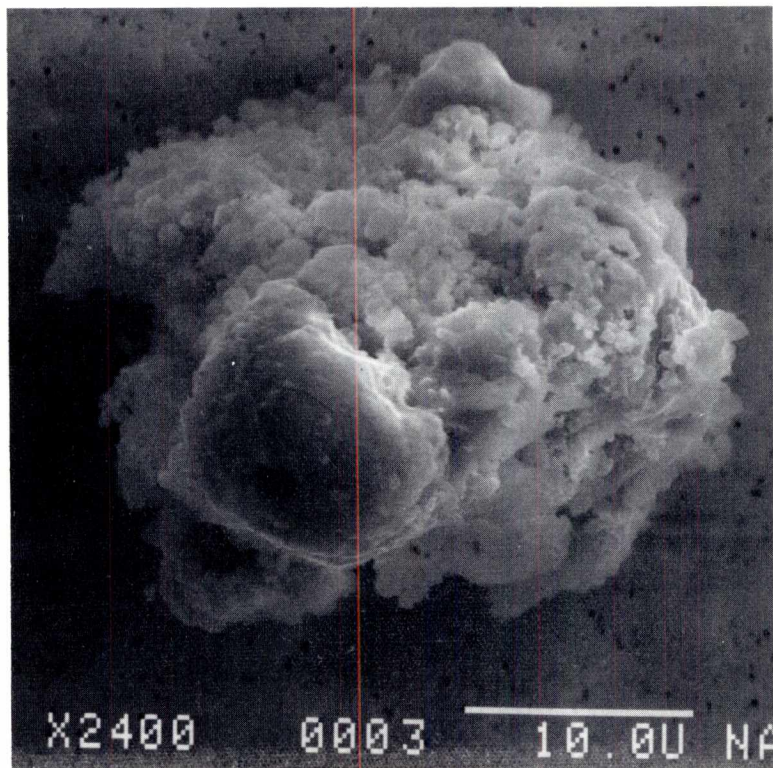
LUSTER: D/SV

TYPE: C

COMMENTS:

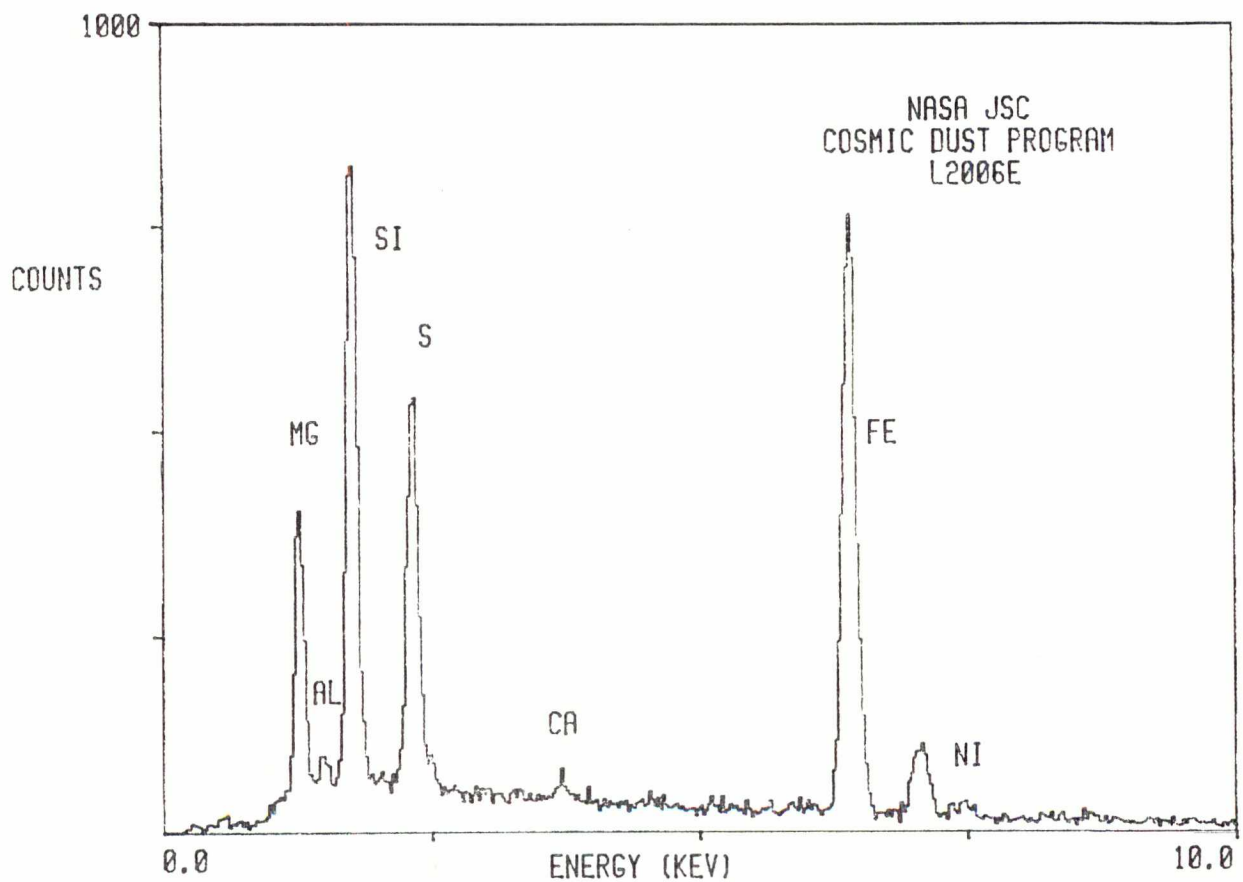
S-91-32097



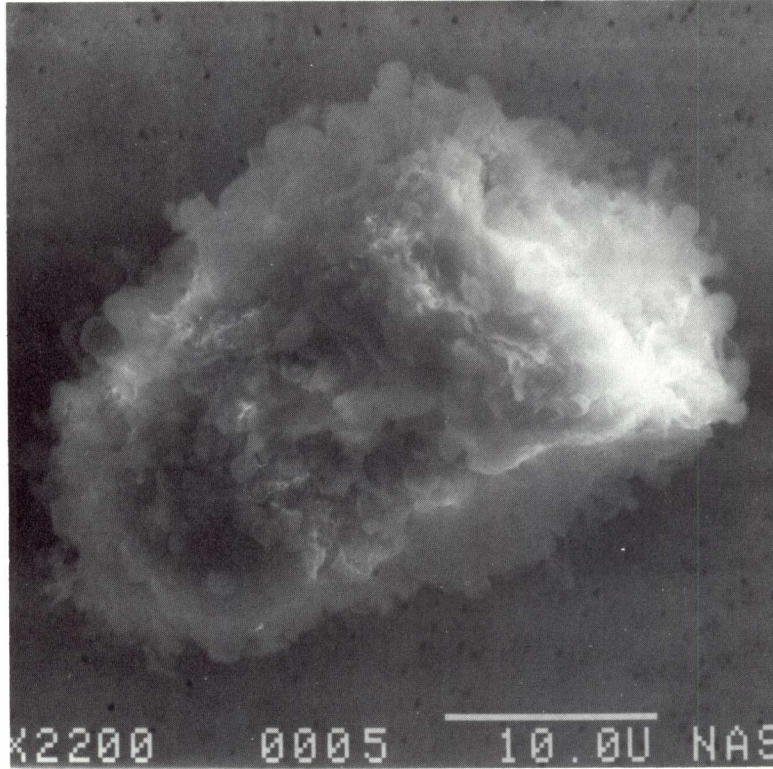


SIZE: 25  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D  
TYPE: C  
COMMENTS:

S-91-32098

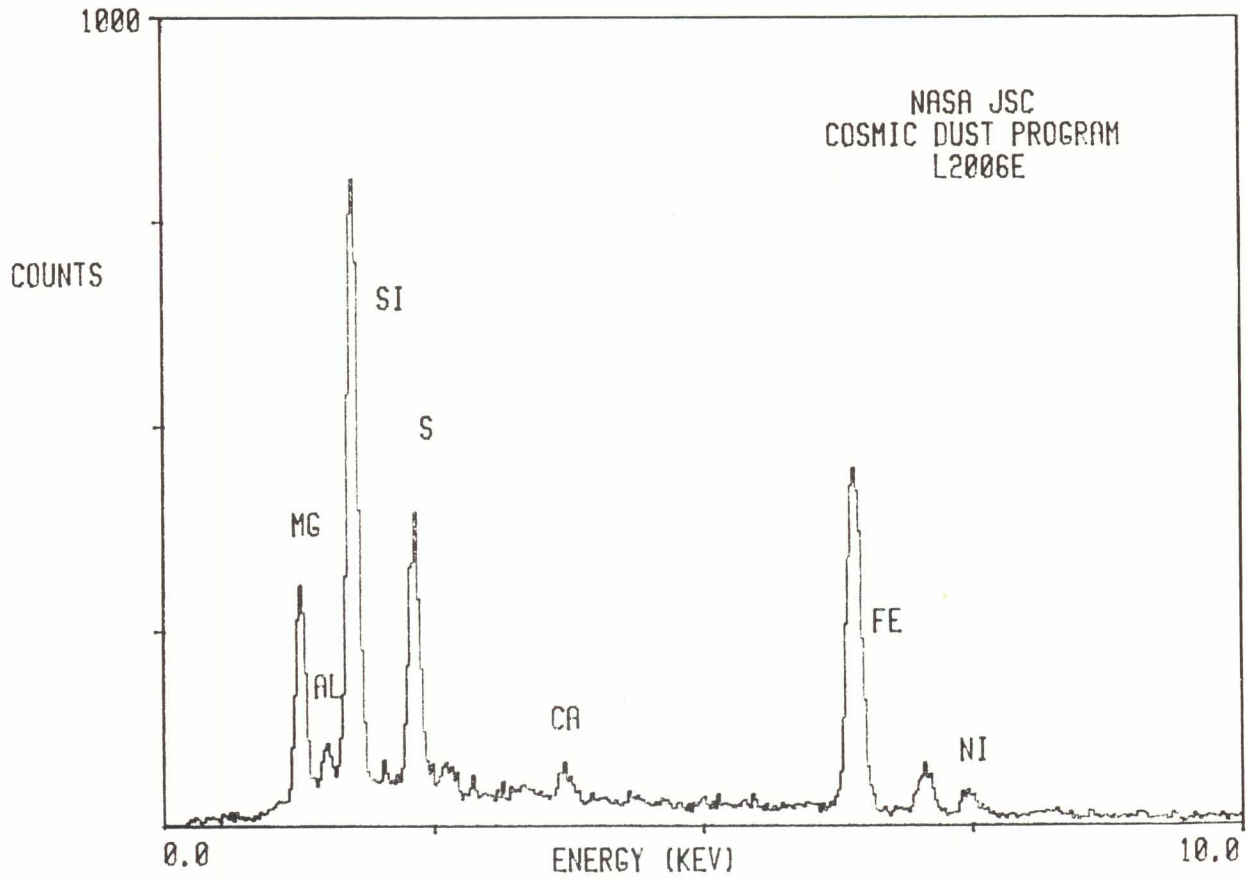


L2006 E 3

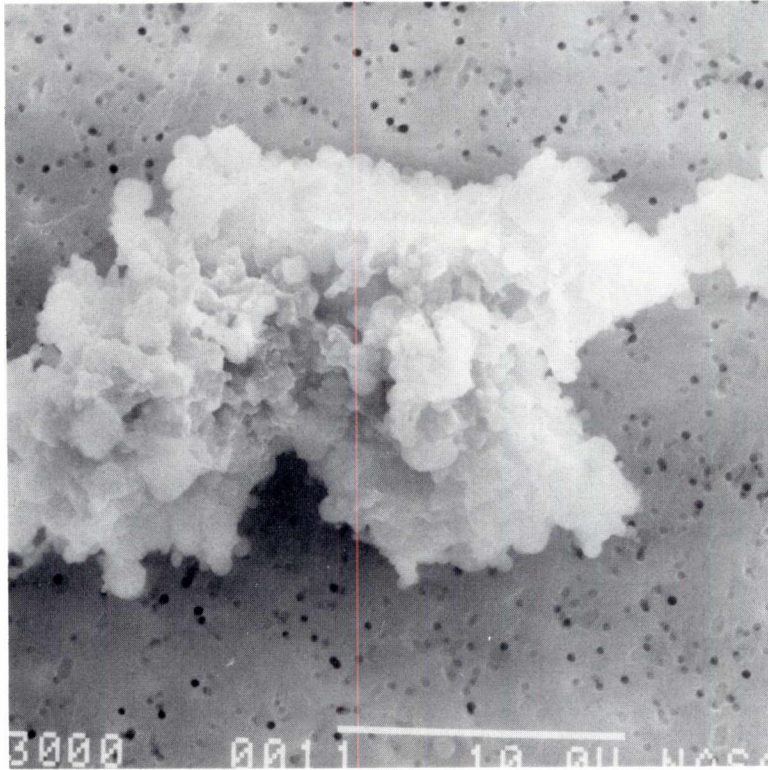


SIZE: 30x20  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D  
TYPE: C  
COMMENTS:

S-91-32099

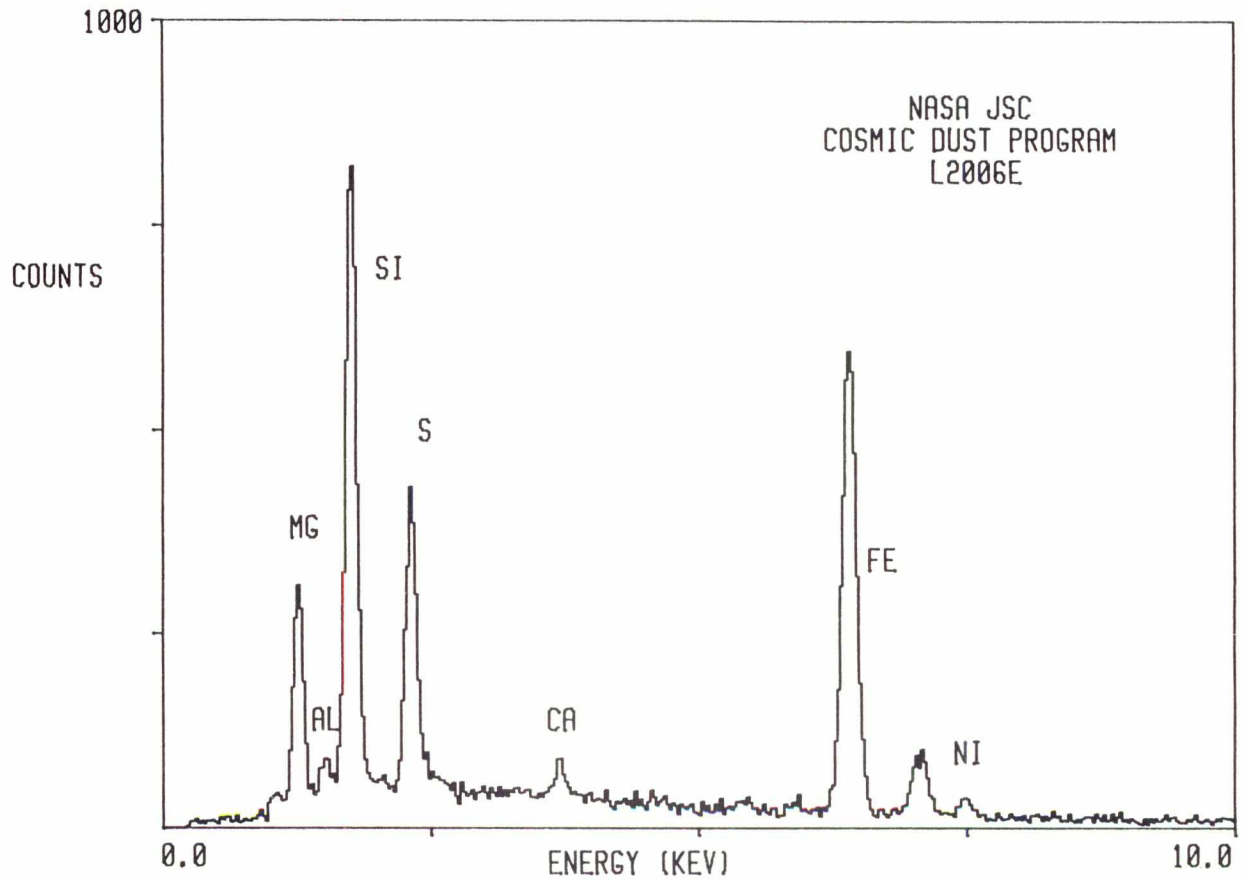


L2006 E 7

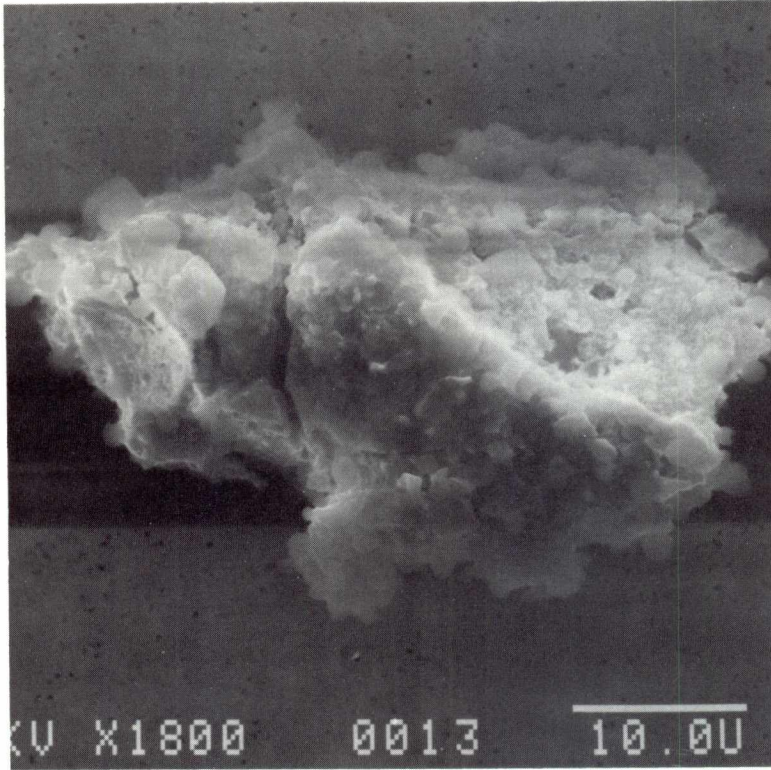


SIZE: 25x15  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D/SM  
TYPE: C  
COMMENTS:

S-91-32103



L2006 E 8



SIZE: 40x20

SHAPE: I

TRANS.: O

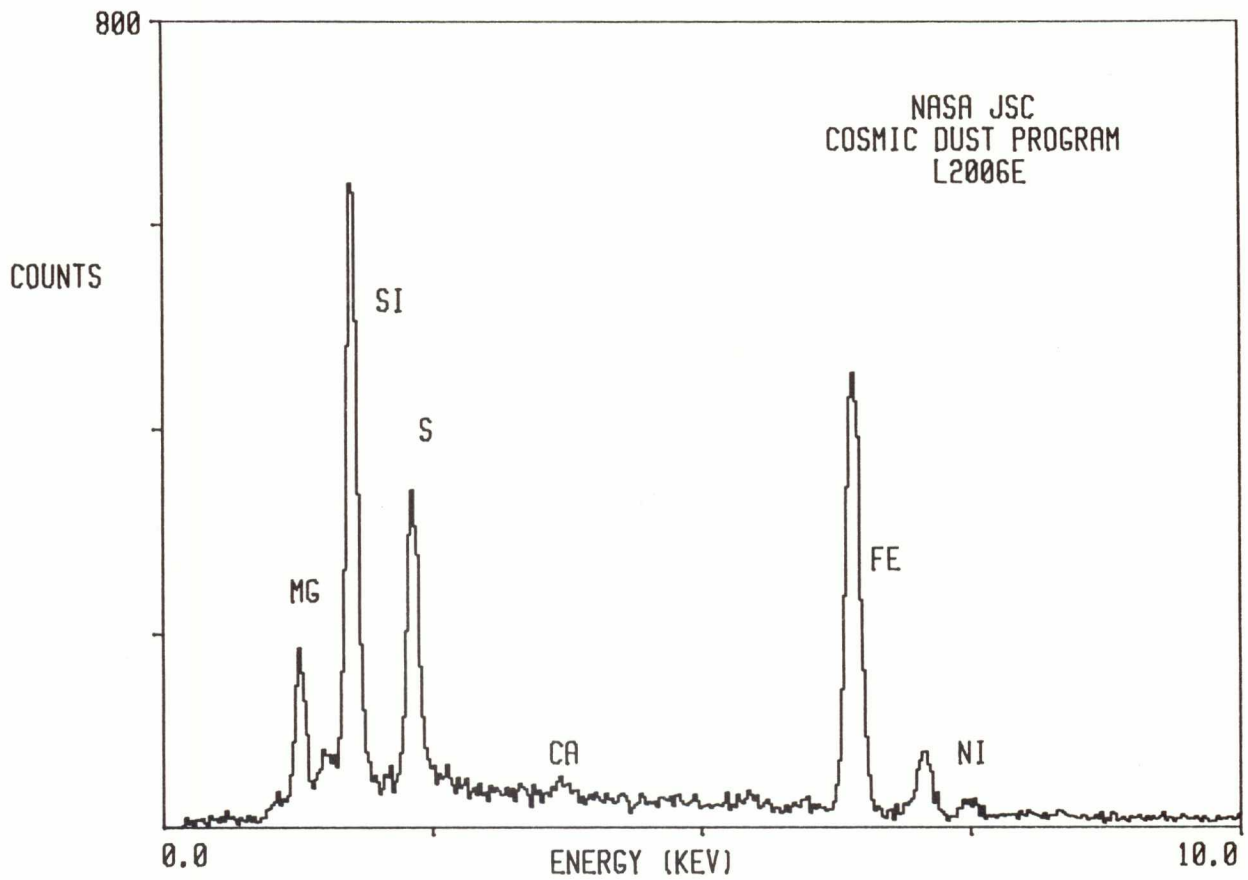
COLOR: Black

LUSTER: D/SM

TYPE: C

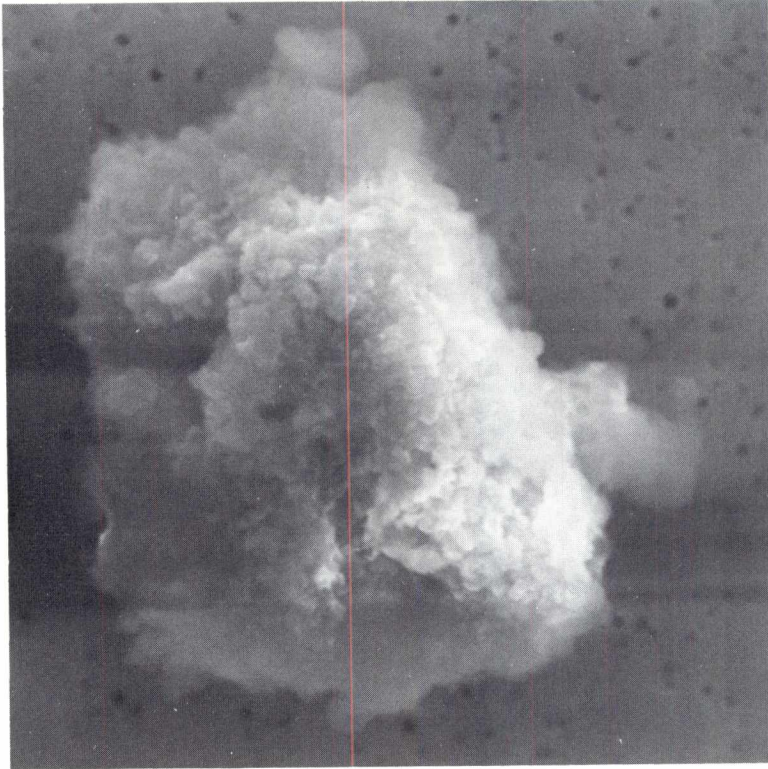
COMMENTS:

S-91-32104



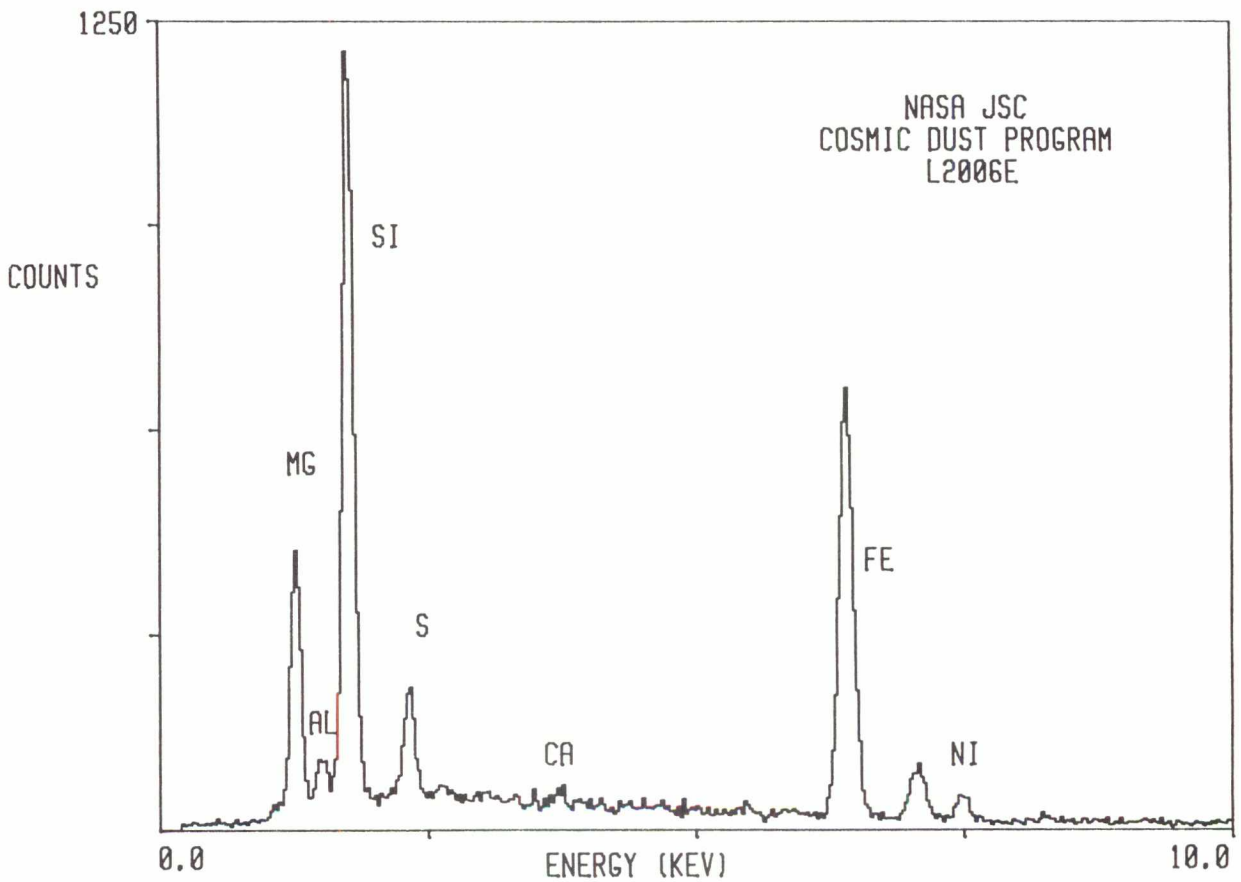


L2006 E 10

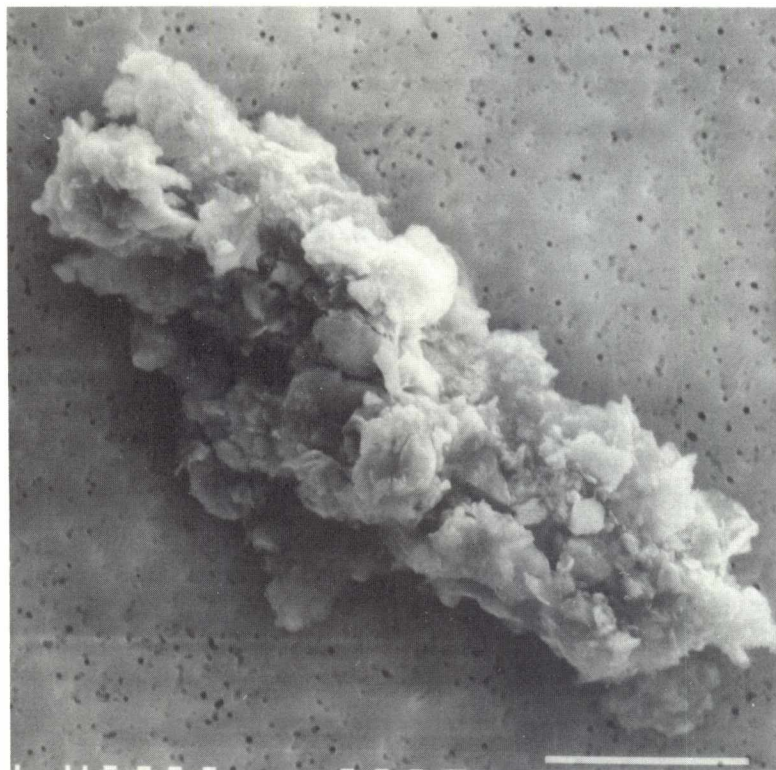


SIZE: 15x12  
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COLOR: Black  
LUSTER: D/SM  
TYPE: C  
COMMENTS:

S-91-32106

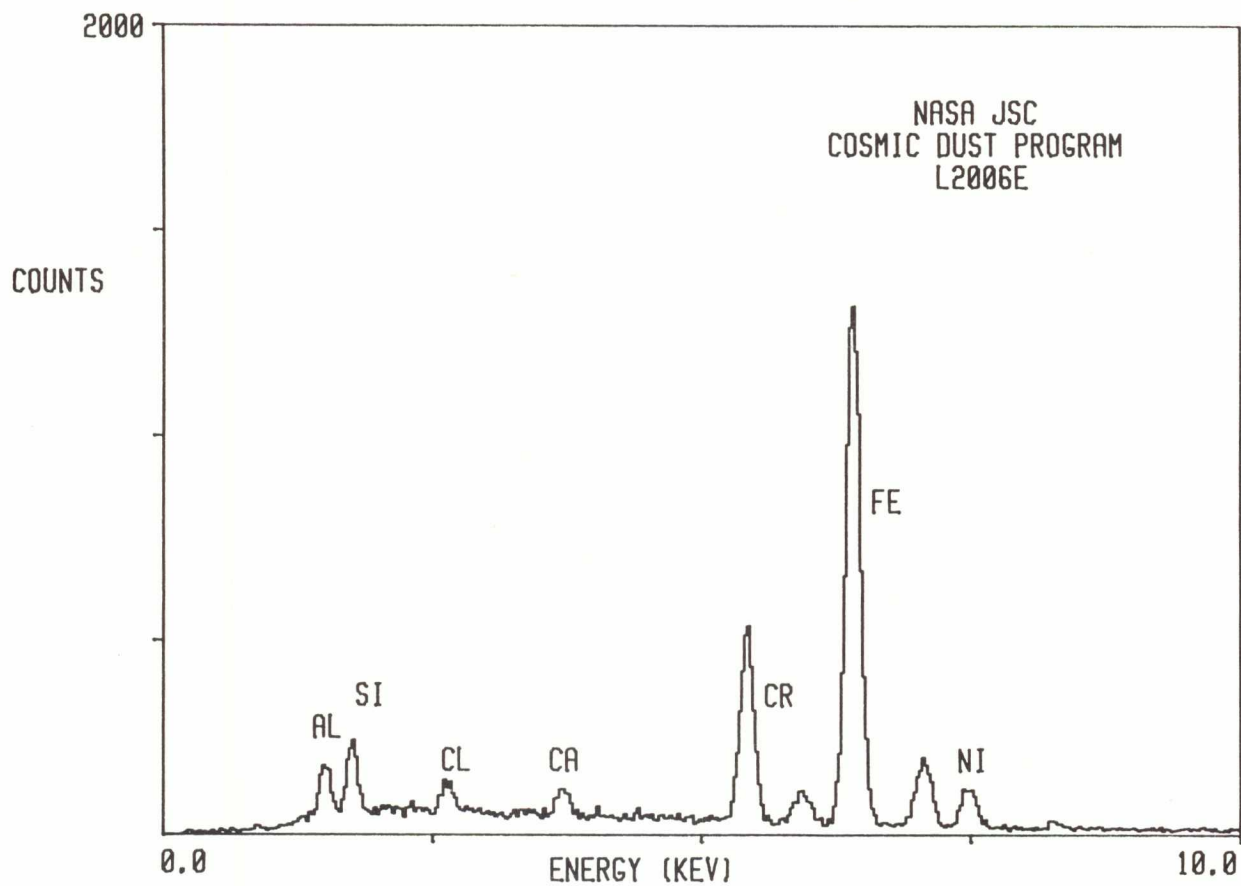


L2006 E 13

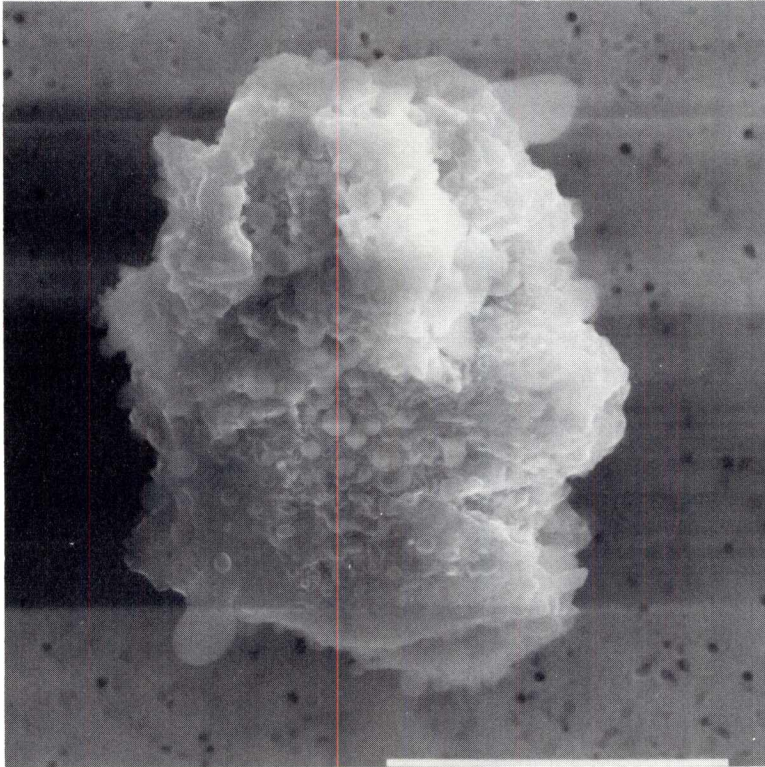


SIZE: 40x20  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D/SM  
TYPE: C?  
COMMENTS:

S-91-32107

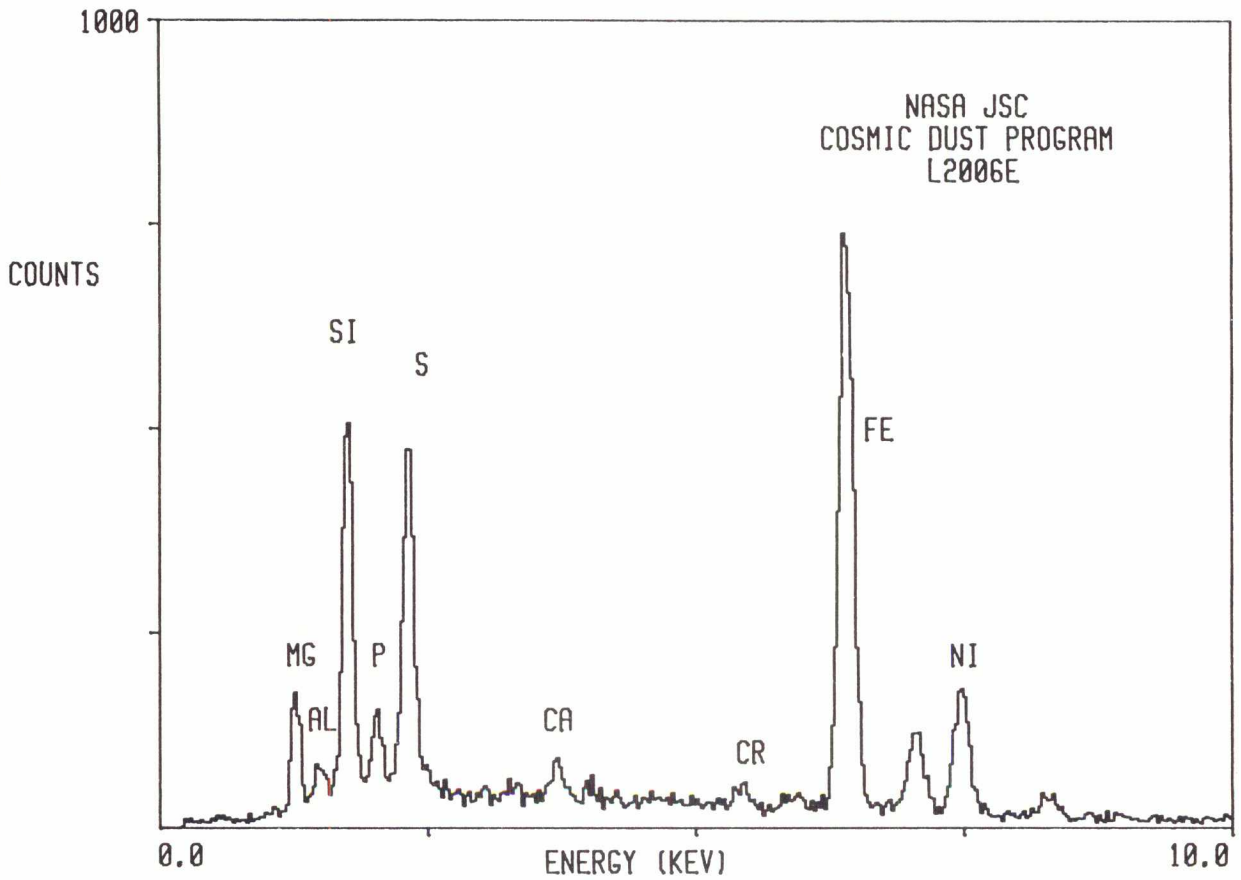


L2006 E 14

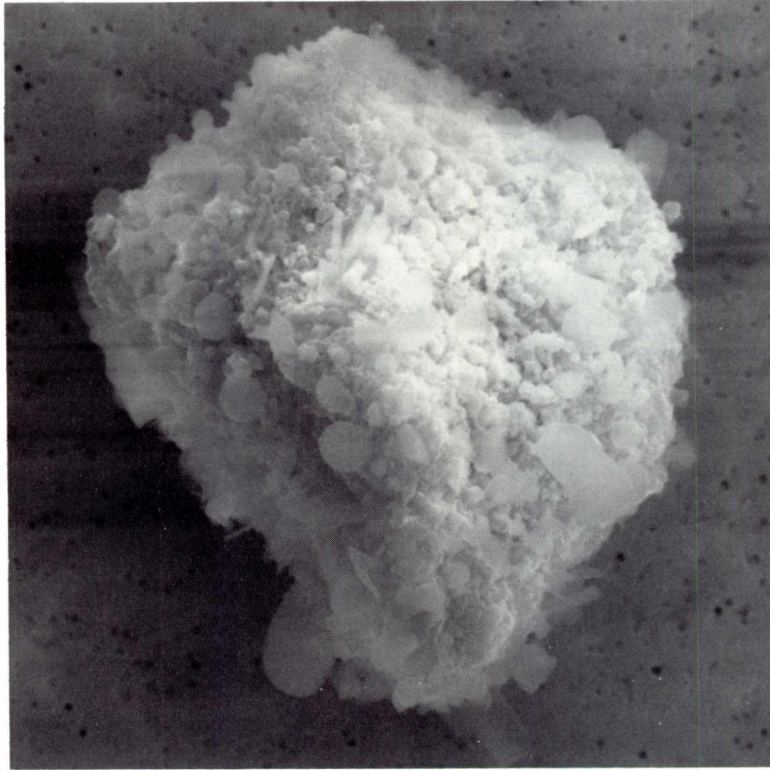


SIZE: 18x12  
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COLOR: Black  
LUSTER: D/SV  
TYPE: C  
COMMENTS:

S-91-32108

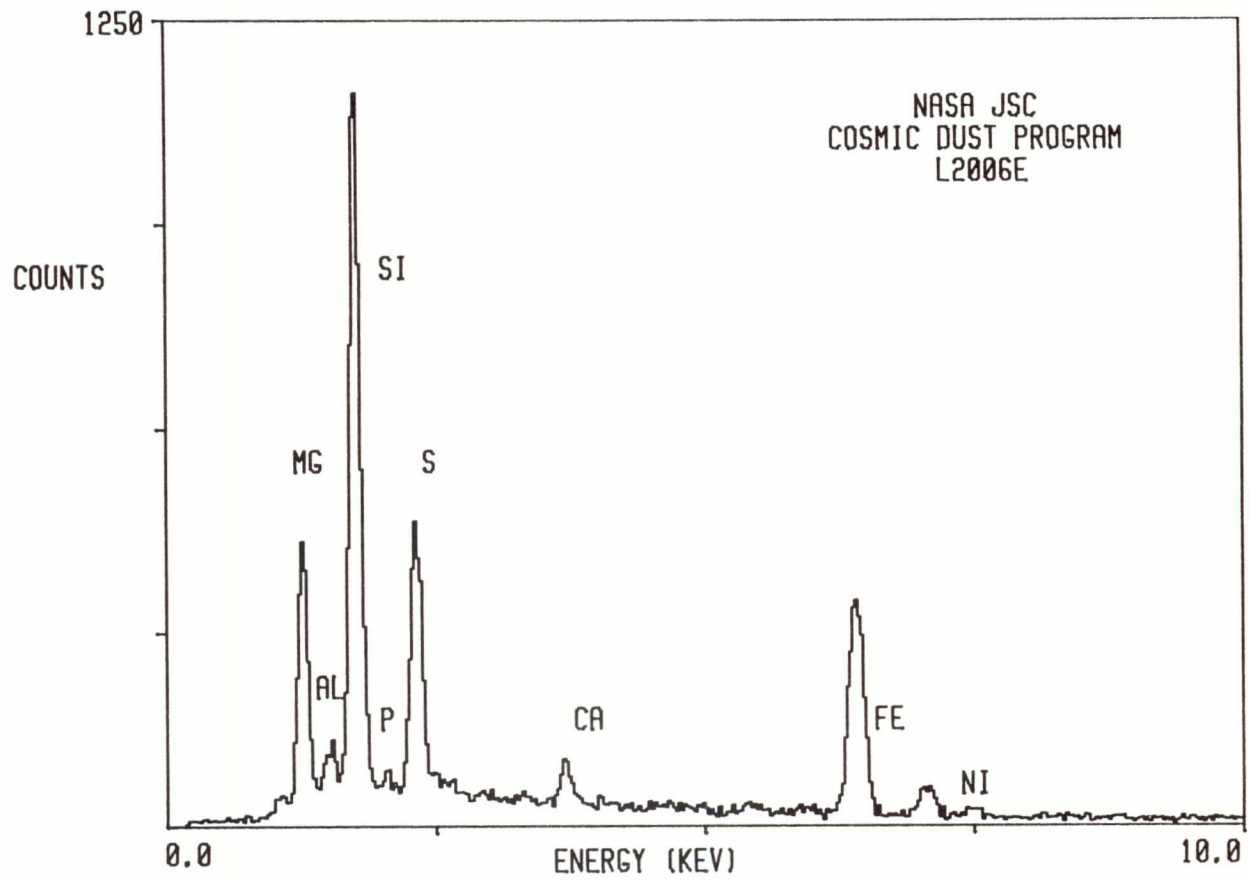


L2006 E 15



SIZE: 25x20  
SHAPE: I/E  
TRANS.: O  
COLOR: Black  
LUSTER: D/SM  
TYPE: C  
COMMENTS:

S-91-32109

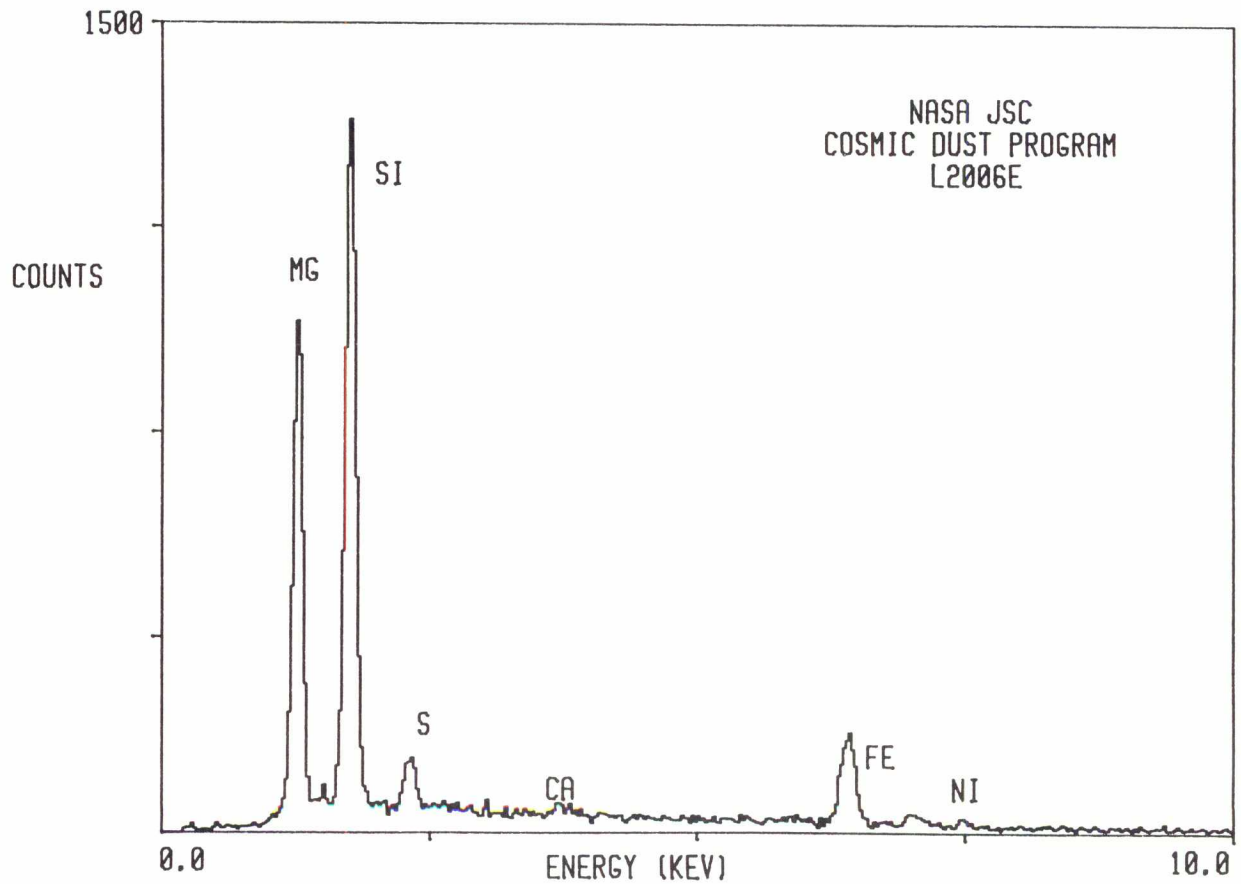


L2006 E 16

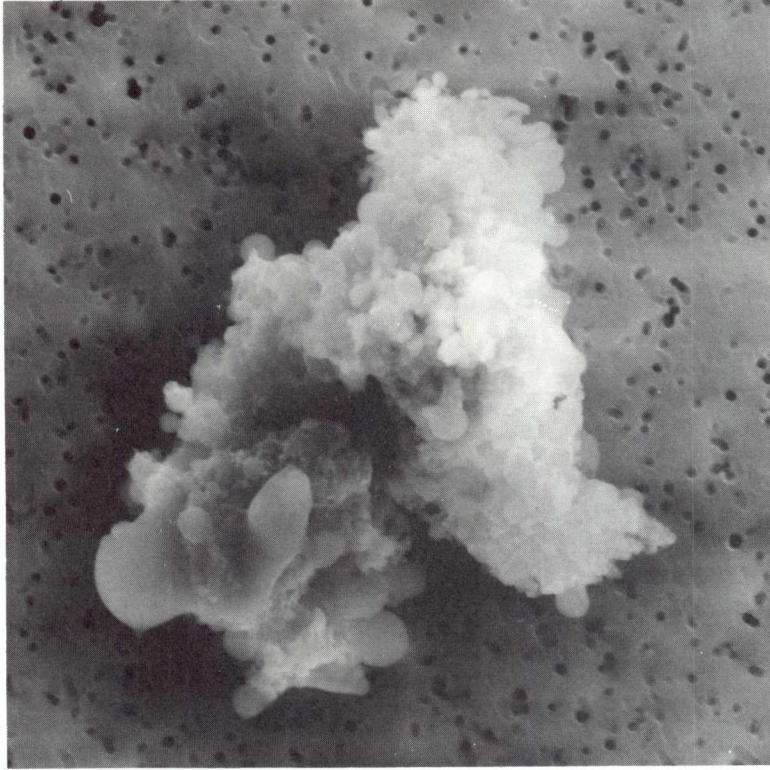


SIZE: 20  
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TRANS.: O  
COLOR: Black  
LUSTER: D/SM  
TYPE: C  
COMMENTS:

S-91-32110

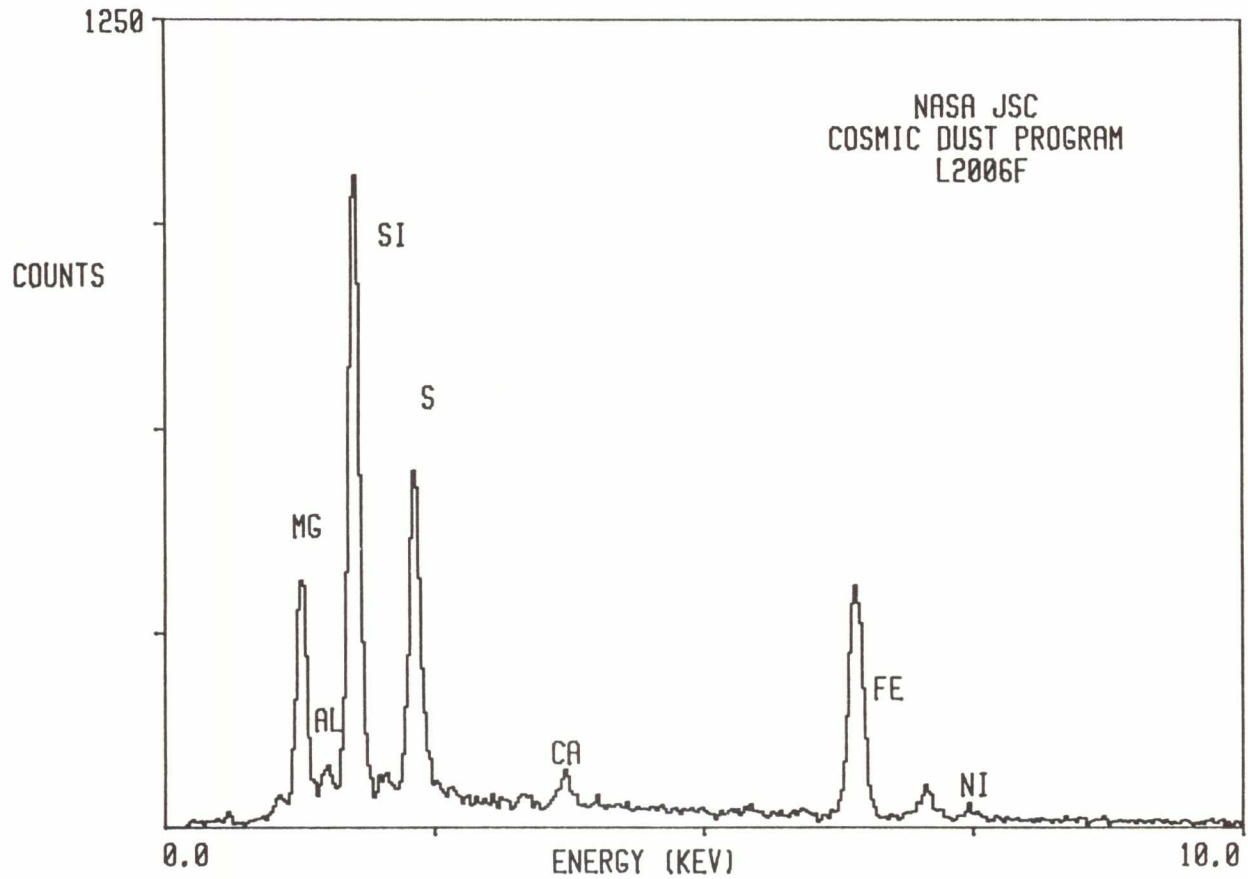


L2006 F 4

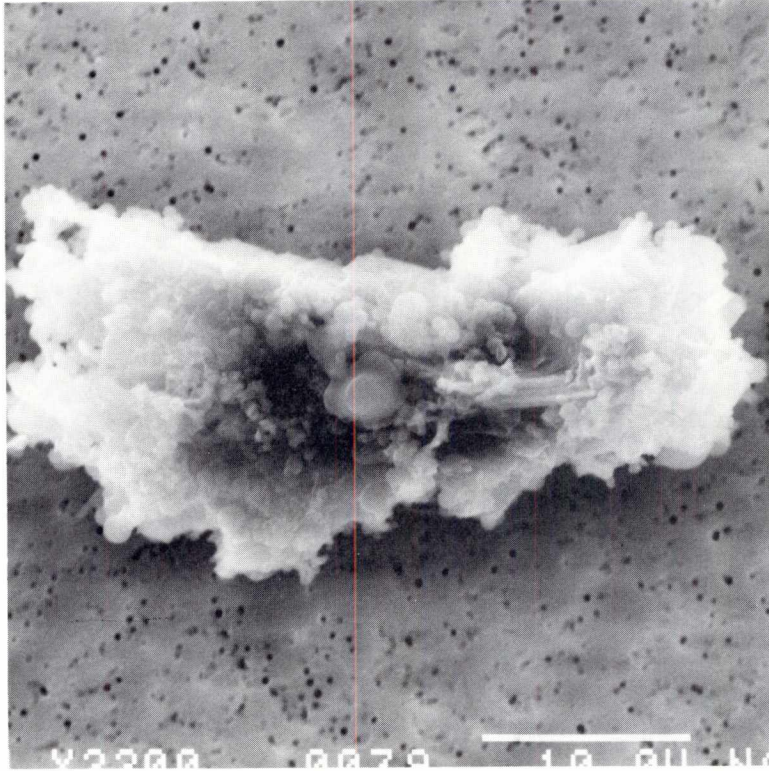


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COLOR: Black  
LUSTER: D/SM  
TYPE: C  
COMMENTS:

S-91-32071

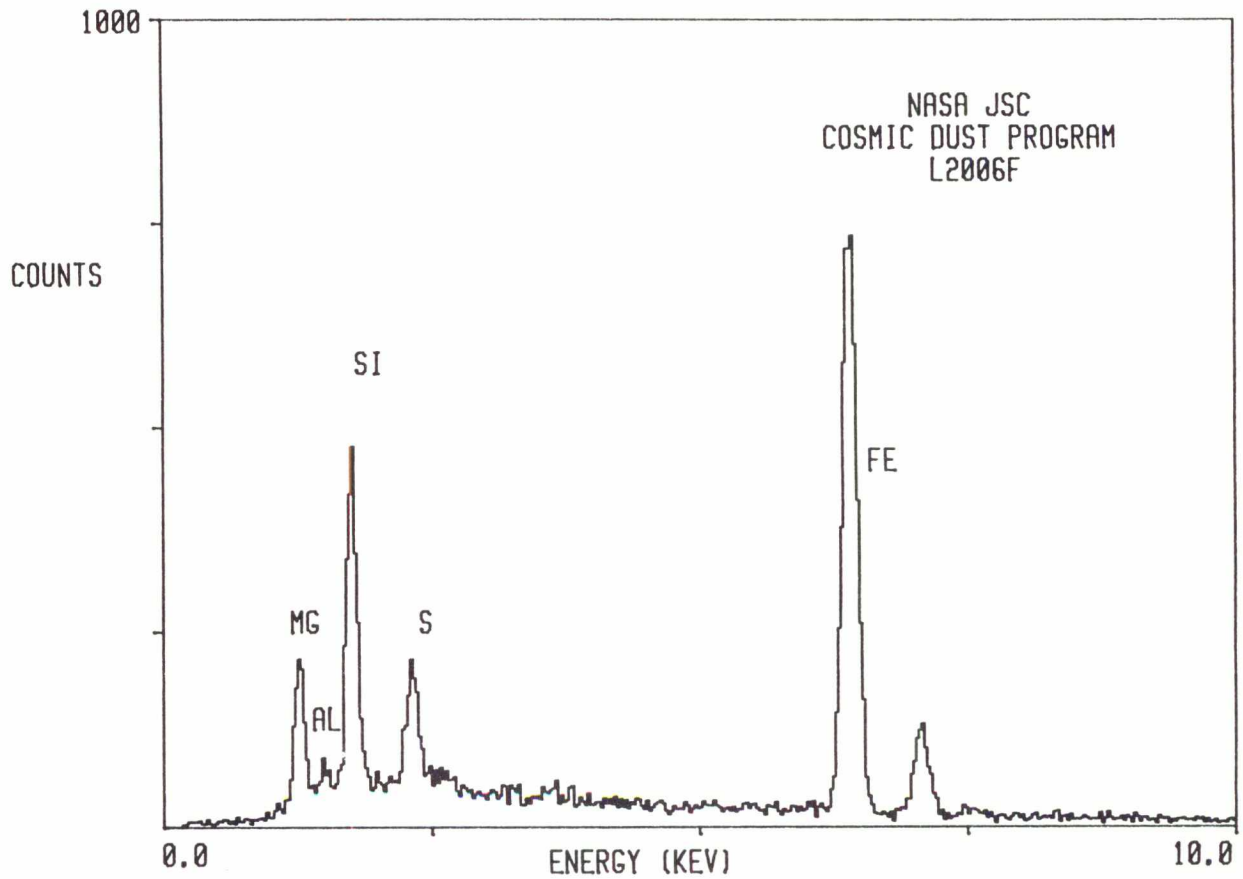


L2006 F 7

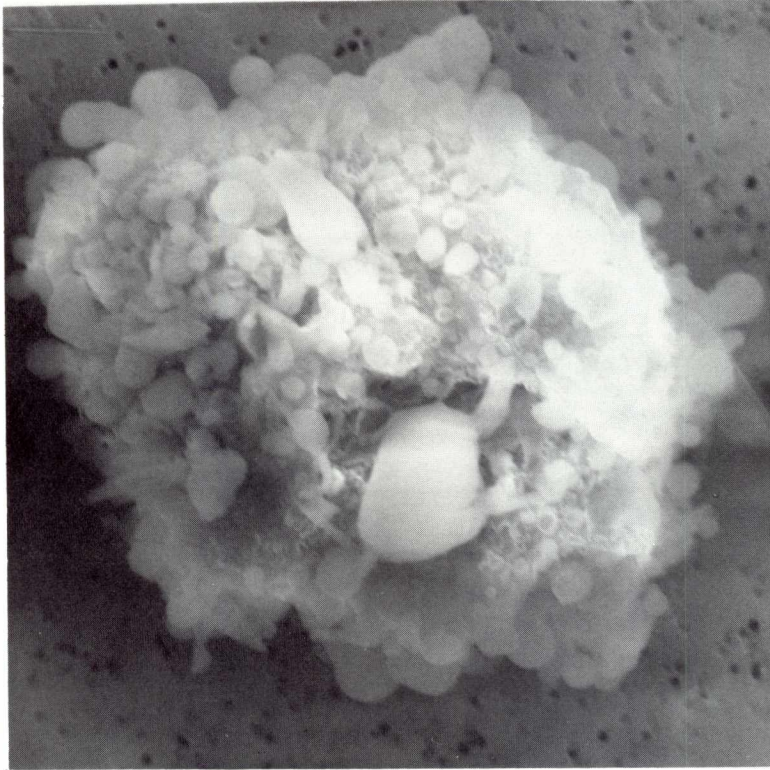


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COLOR: Black  
LUSTER: D/SM  
TYPE: C  
COMMENTS:

S-91-32074

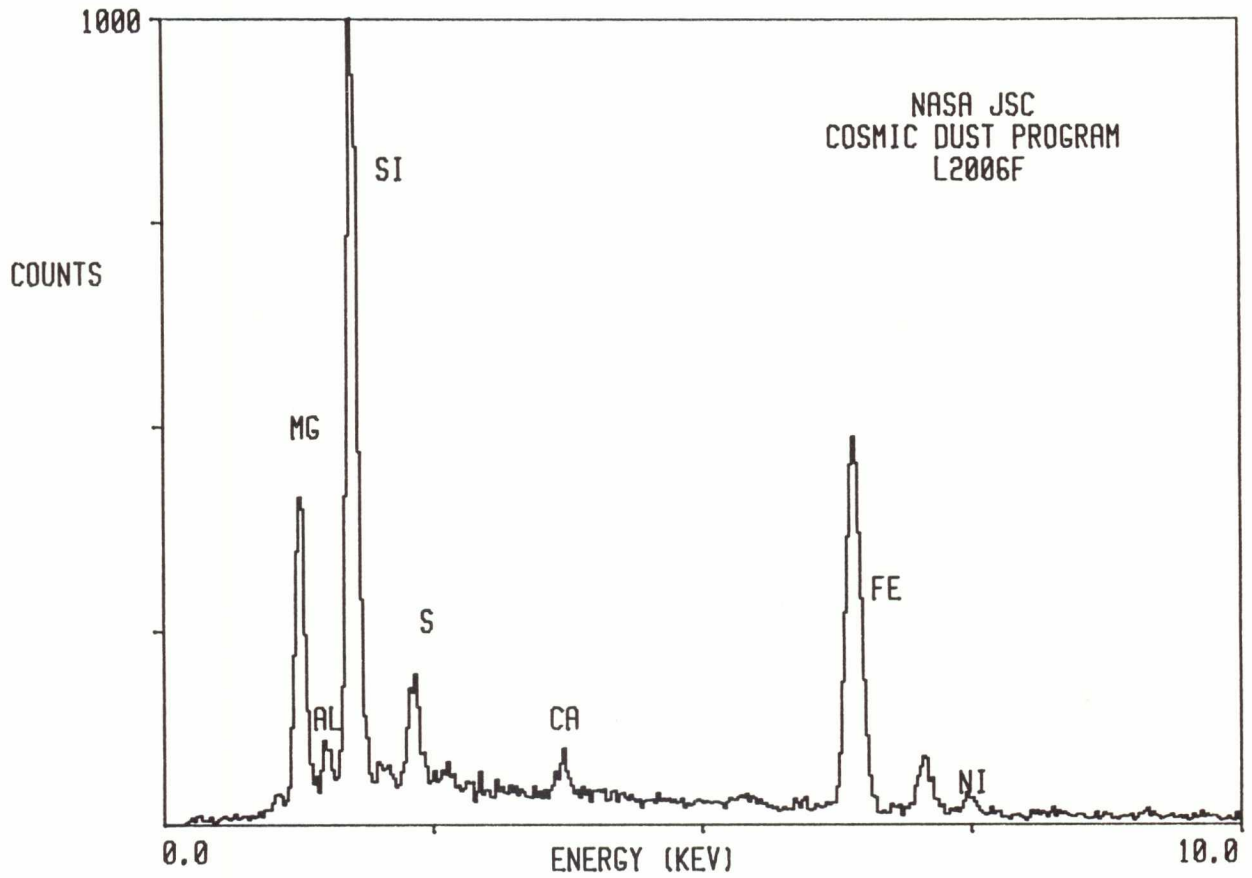


L2006 F 9



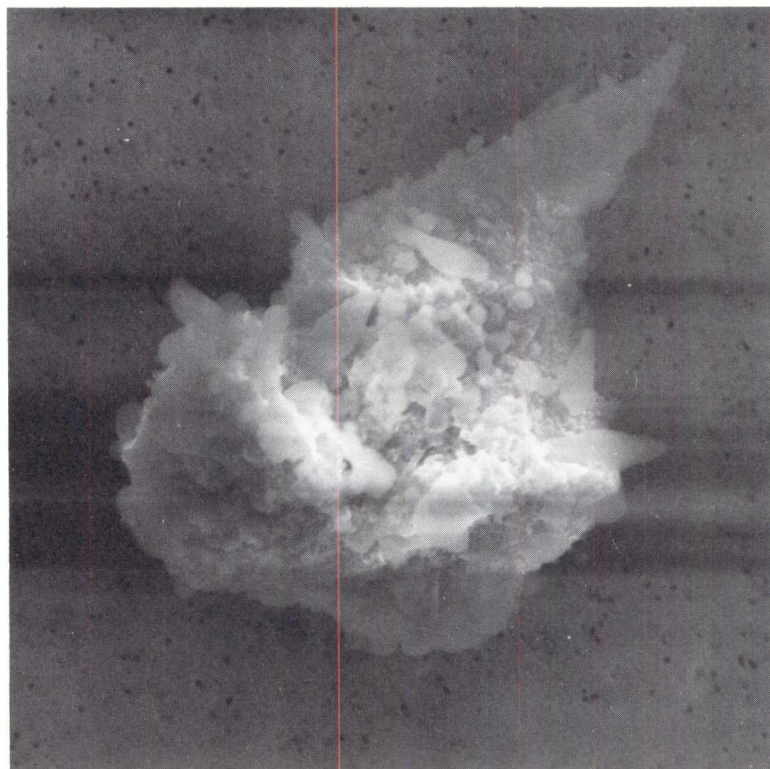
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SHAPE: I/E  
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COLOR: Black  
LUSTER: D/SM  
TYPE: C  
COMMENTS:

S-91-32076



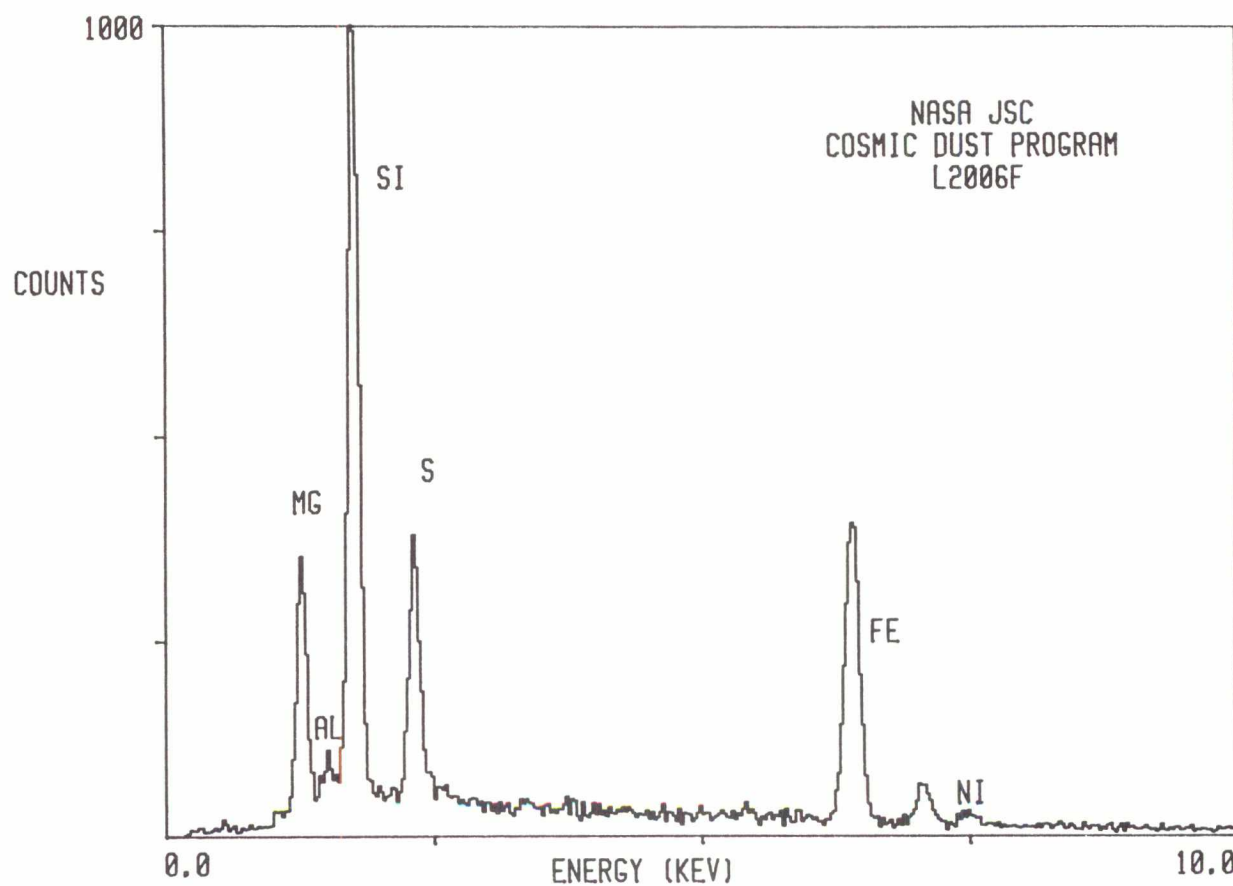


L2006 F 10

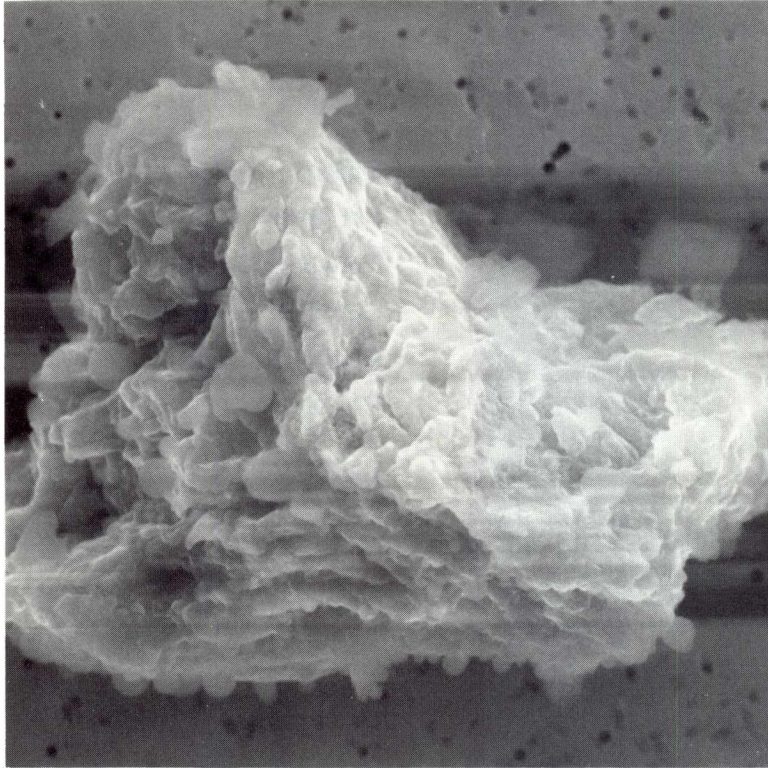


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TRANS.: O  
COLOR: Black  
LUSTER: D/SM  
TYPE: C  
COMMENTS:

S-91-32077

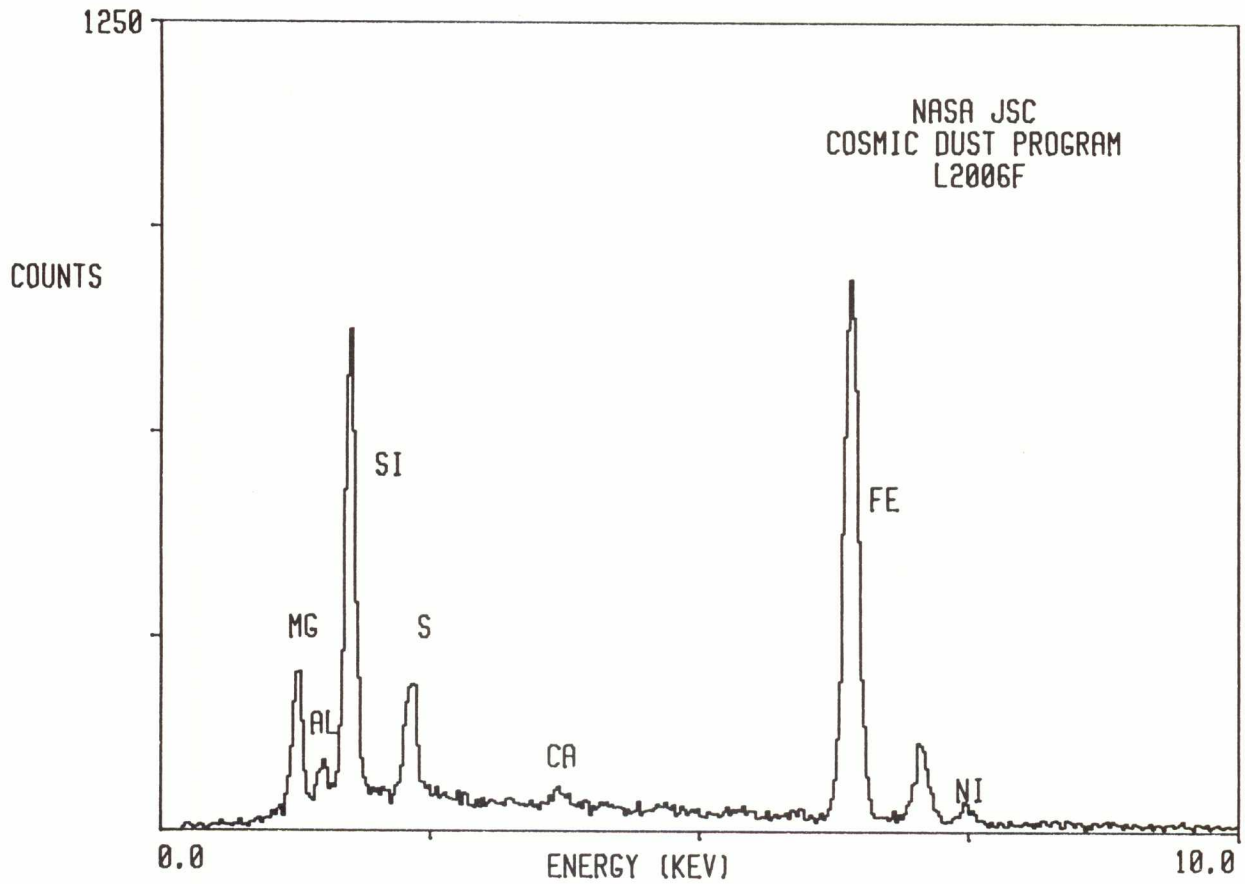


L2006 F 12

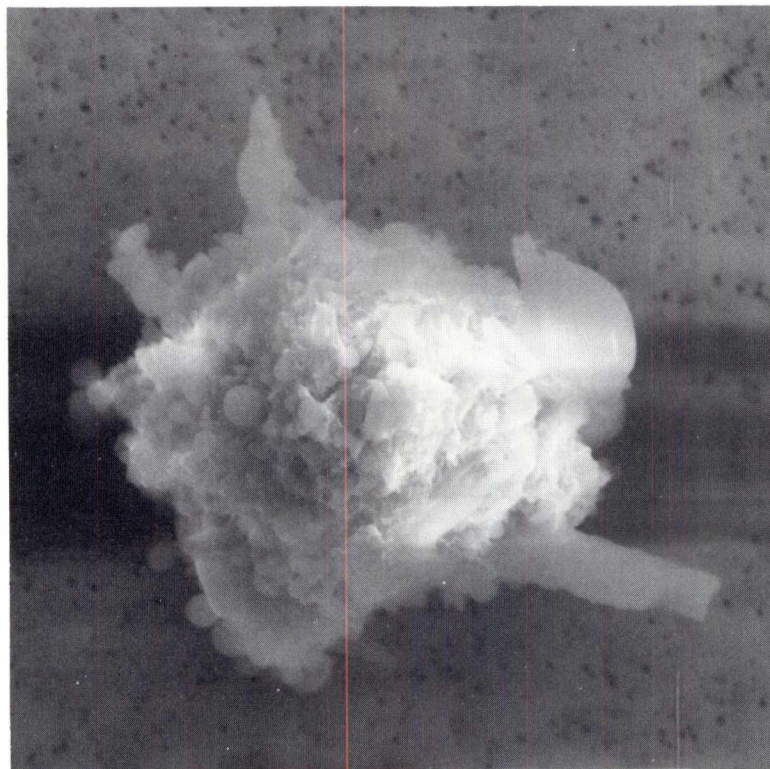


SIZE: 22x12  
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TRANS.: O  
COLOR: Black  
LUSTER: D/SM  
TYPE: C  
COMMENTS:

S-91-32079

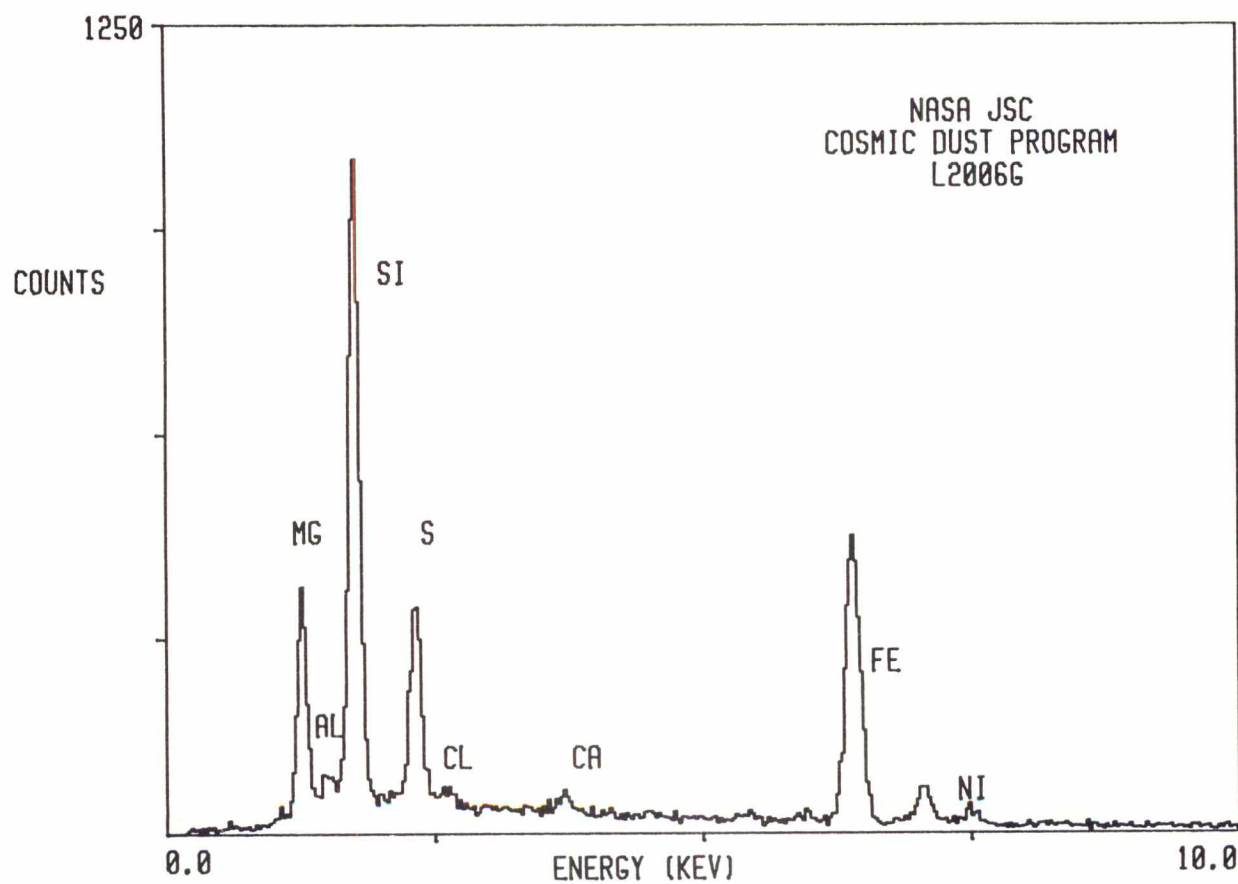


L2006 G 1

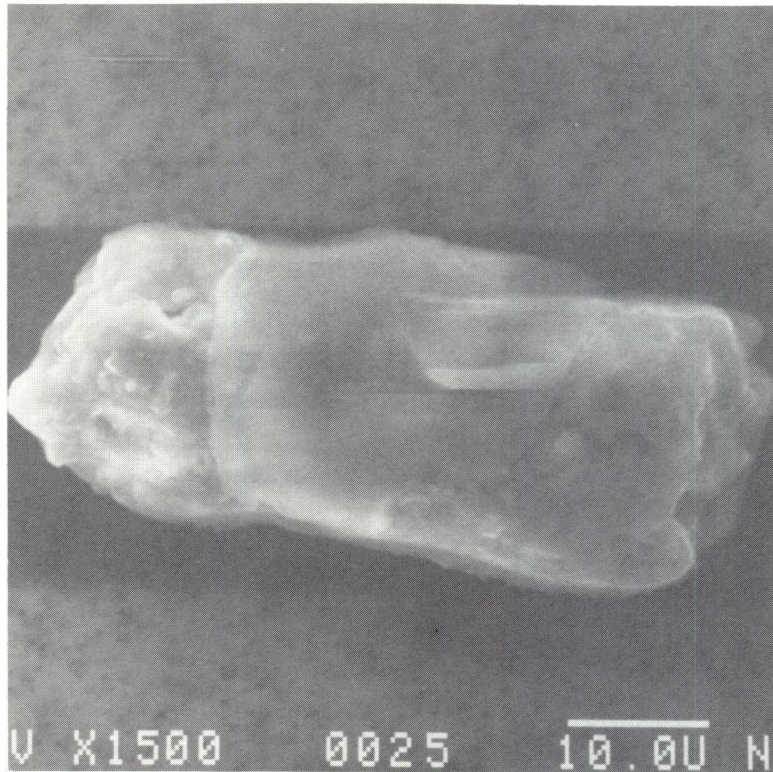


SIZE: 25  
SHAPE: I  
TRANS.: O/TL  
COLOR: Black  
LUSTER: D/SM  
TYPE: C  
COMMENTS:

S-91-32082

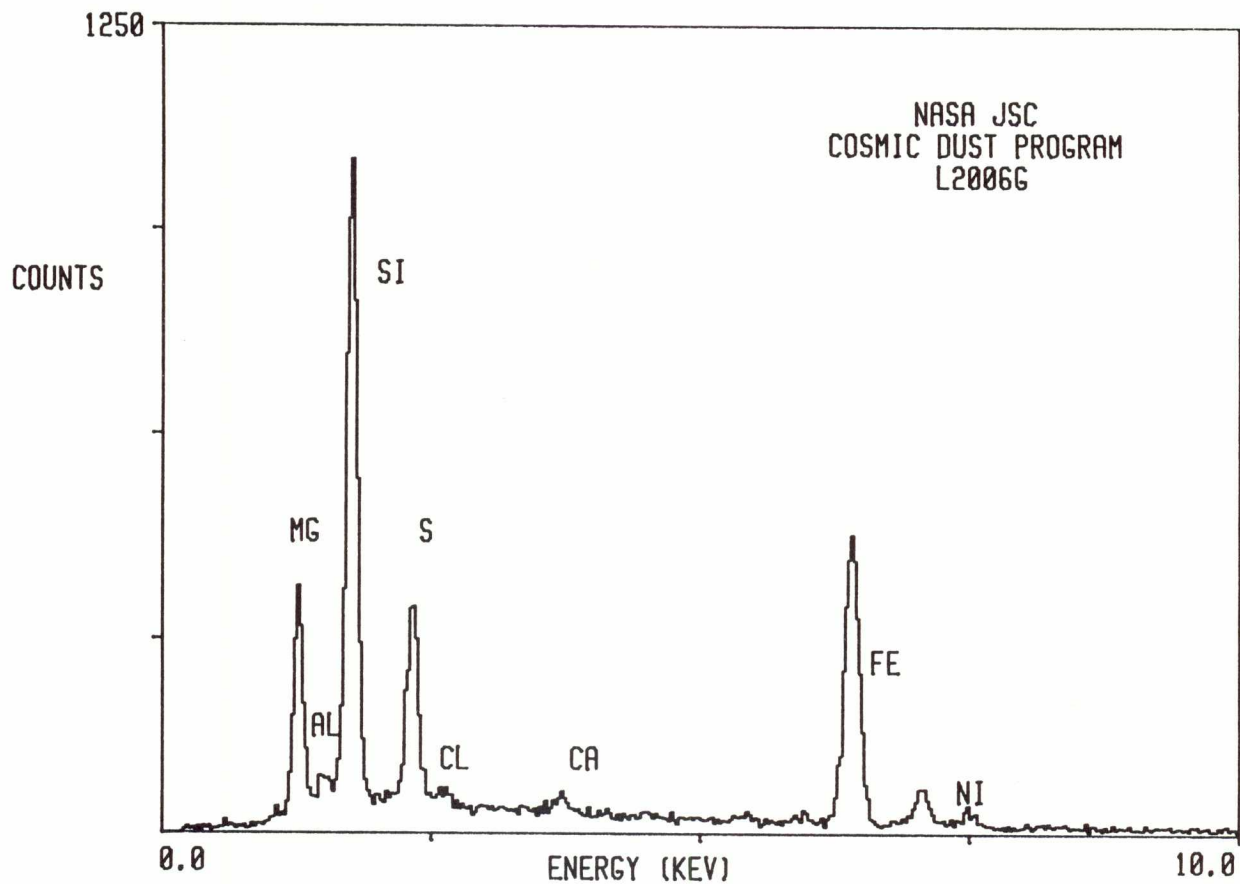


L2006 G 2

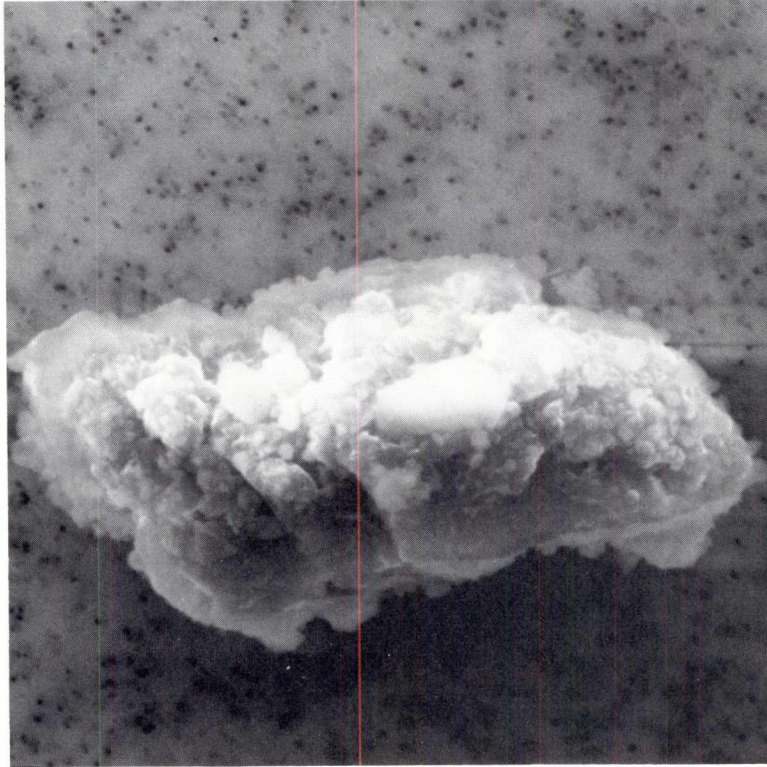


SIZE: 50x20  
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TRANS.: O/TL  
COLOR: Black  
LUSTER: D/SM  
TYPE: C  
COMMENTS:

S-91-32083

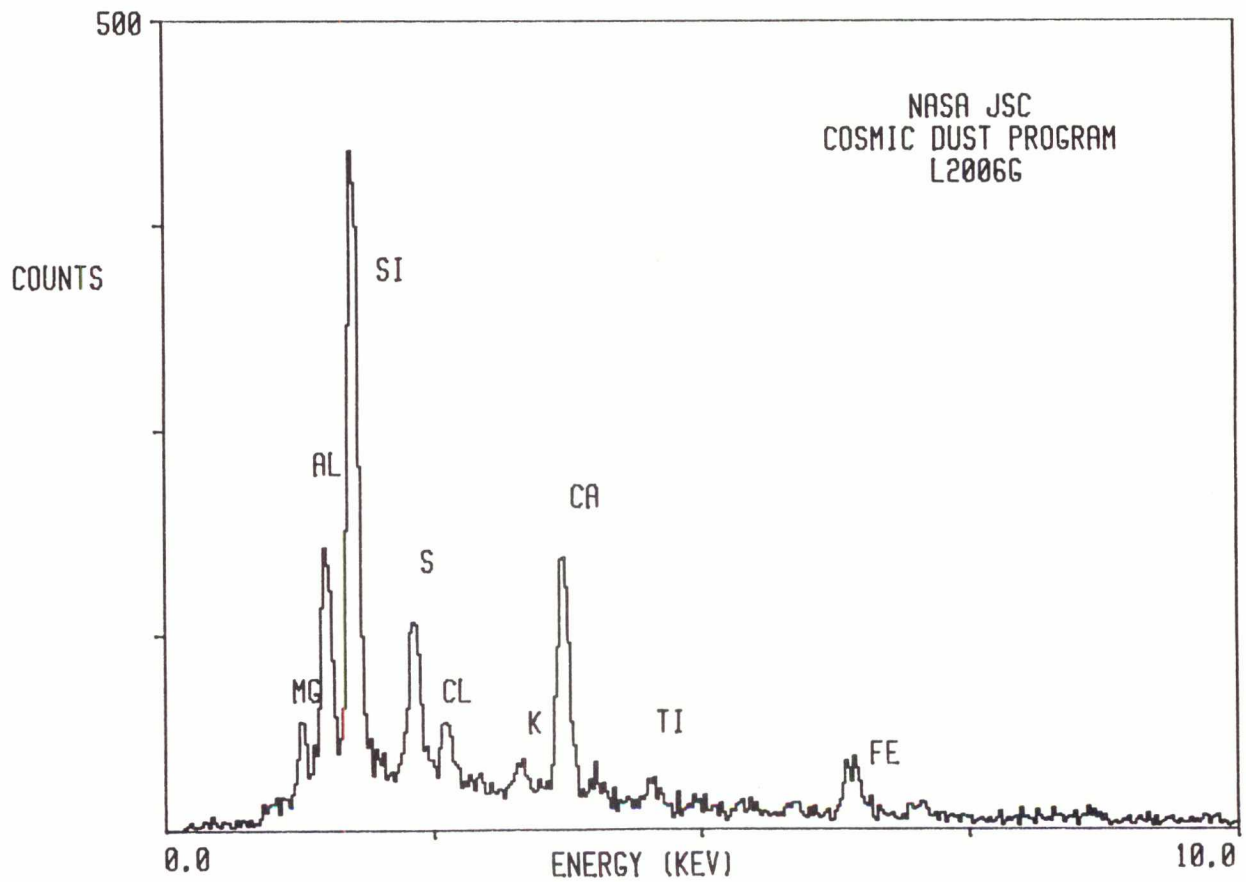


L2006 G 5

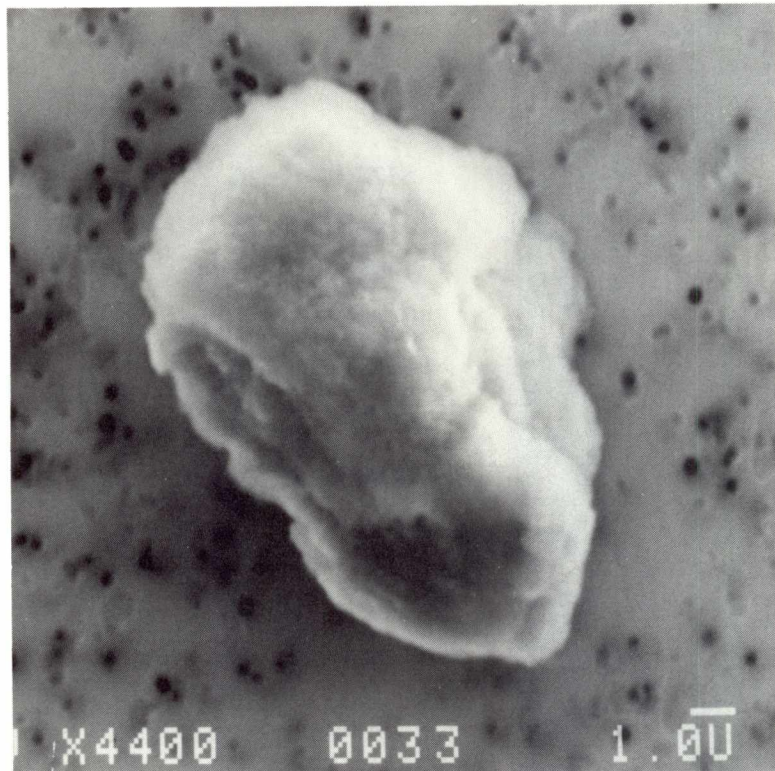


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COLOR: Black  
LUSTER: D  
TYPE: C?  
COMMENTS:

S-91-32086

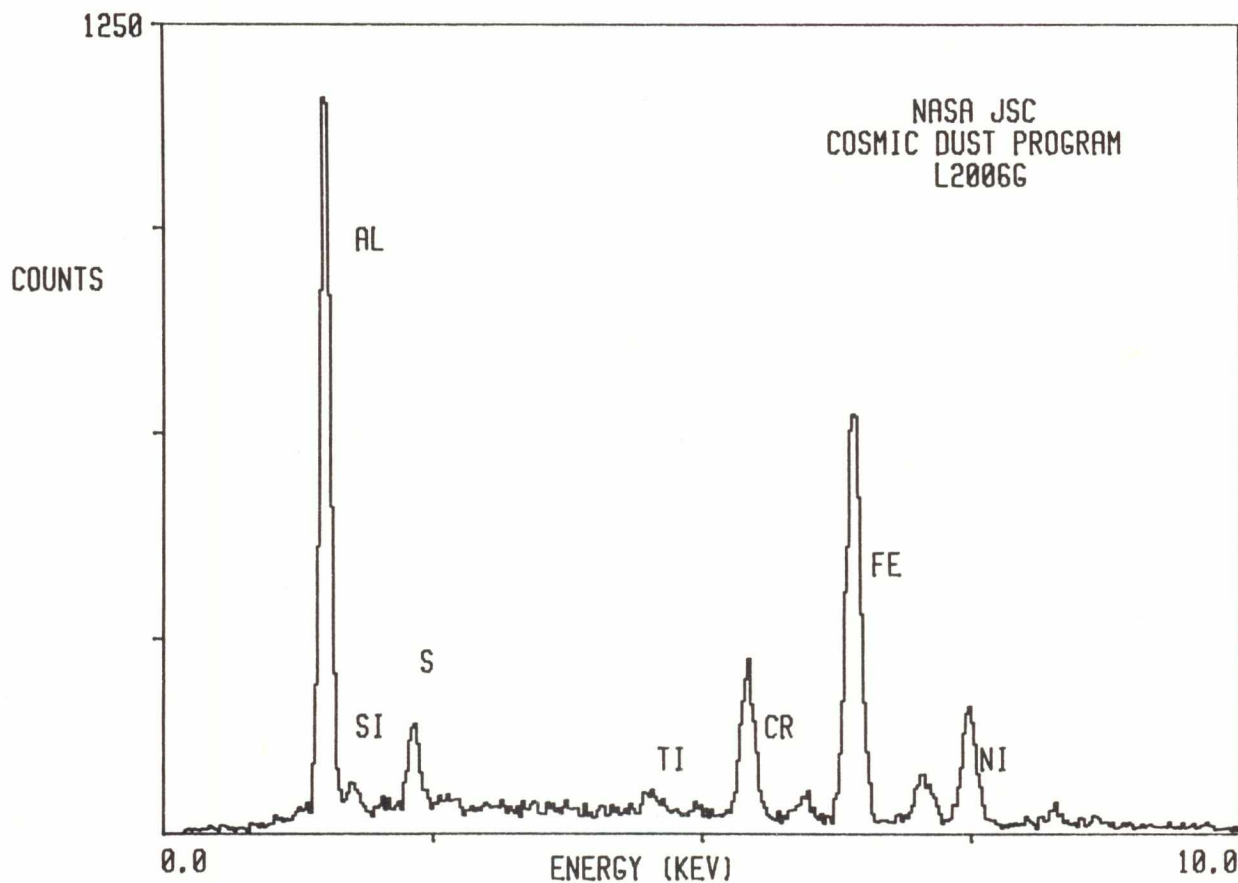


L2006 G 6

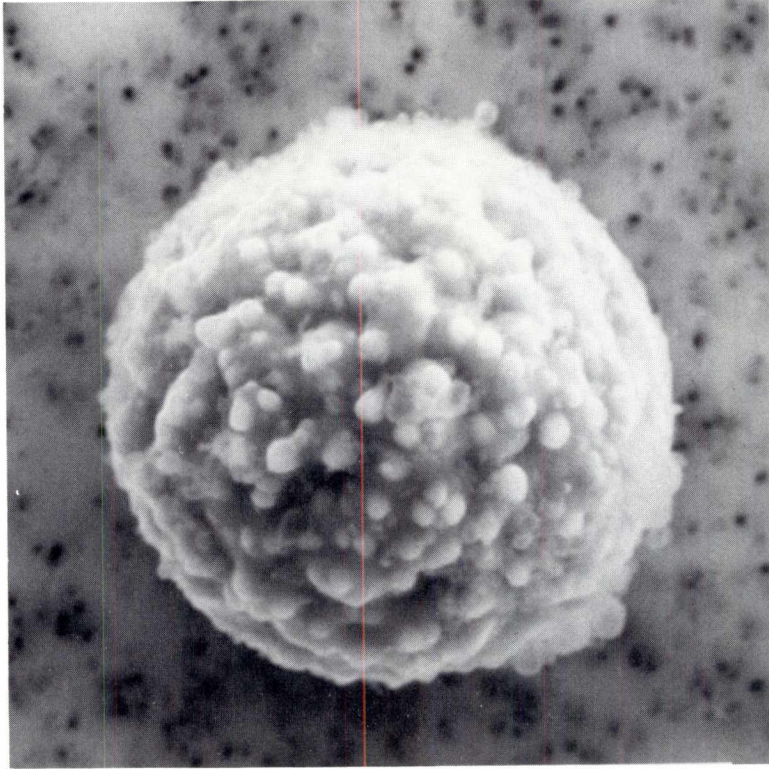


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SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D/SV  
TYPE: C?  
COMMENTS:

S-91-32087

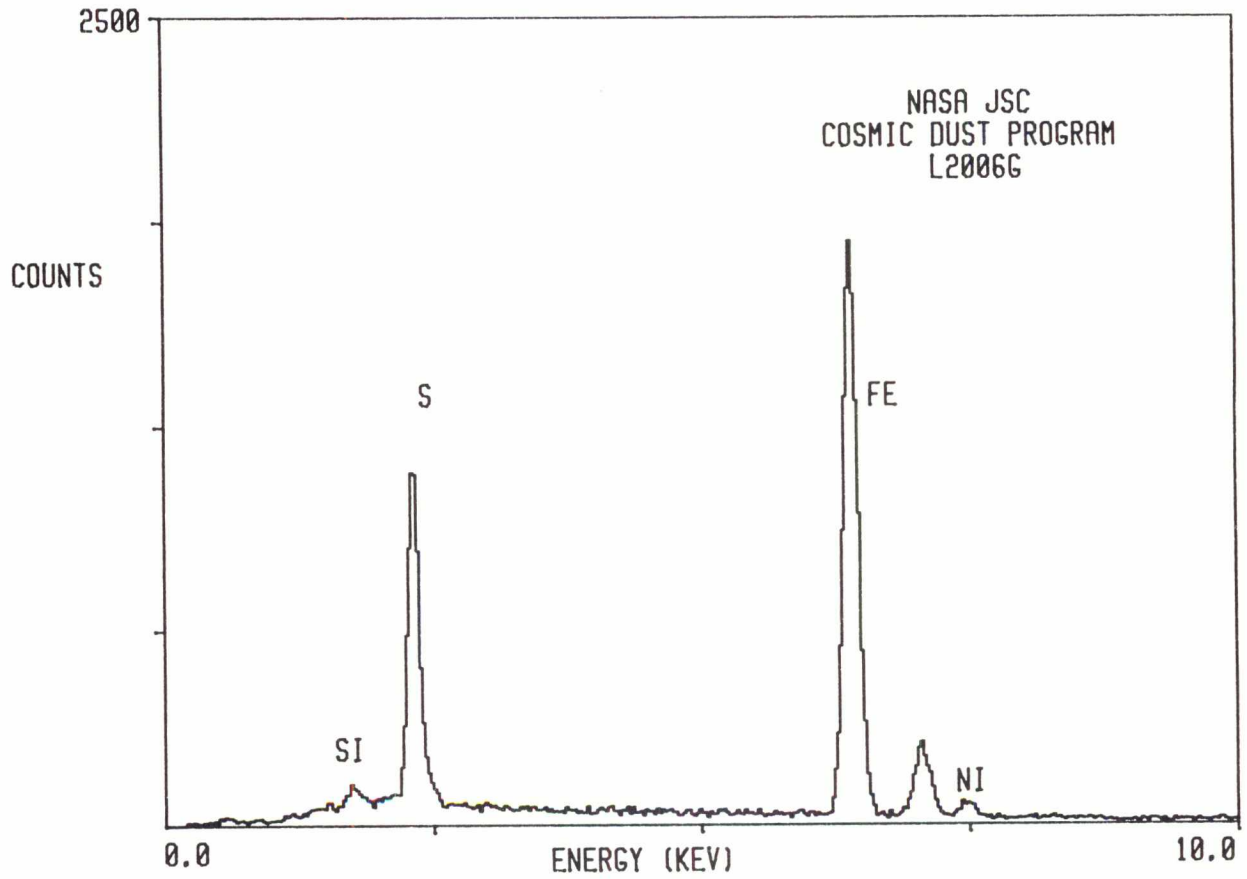


L2006 G 7

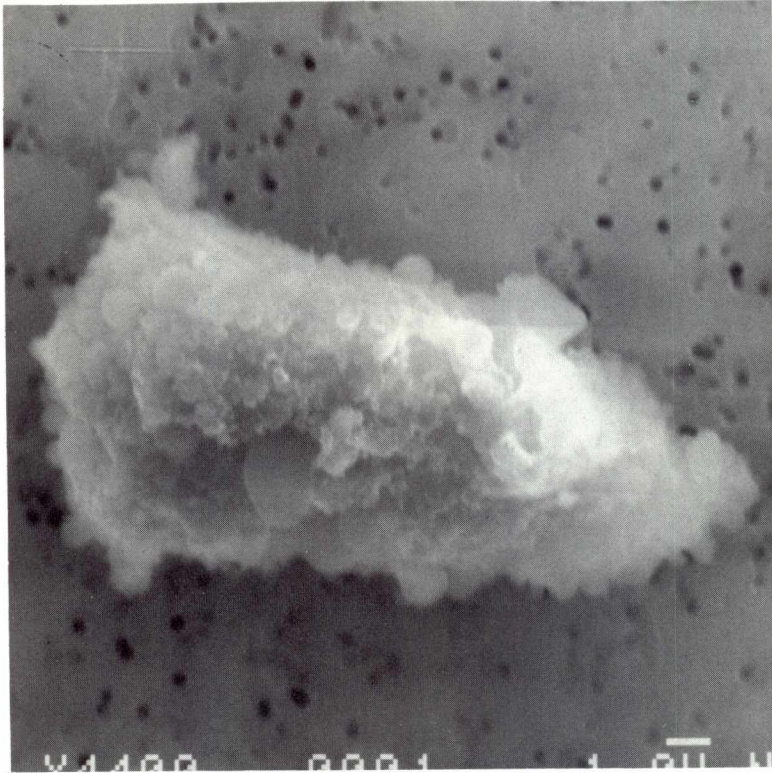


SIZE: 20  
SHAPE: S  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: V/D  
TYPE: C?  
COMMENTS:

S-91-32088

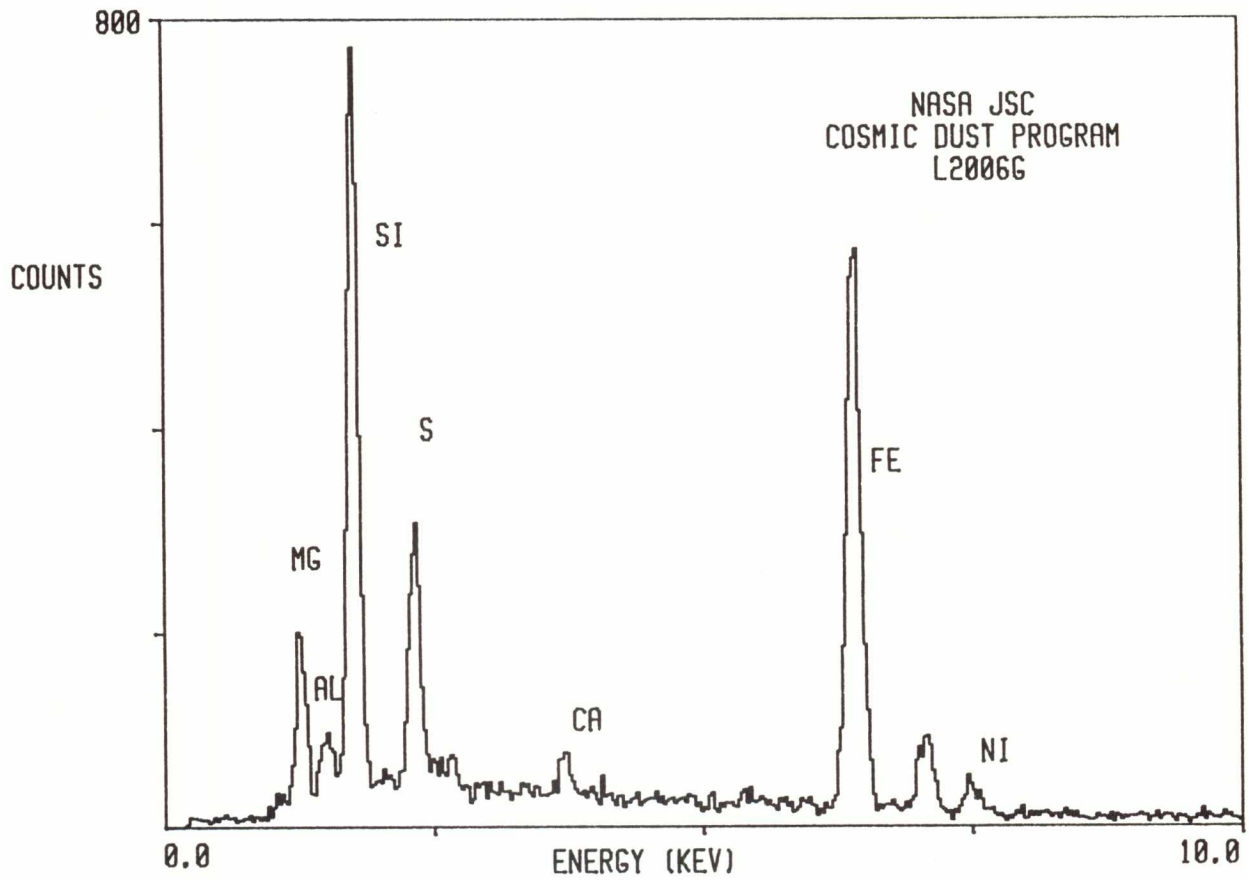


L2006 G 9



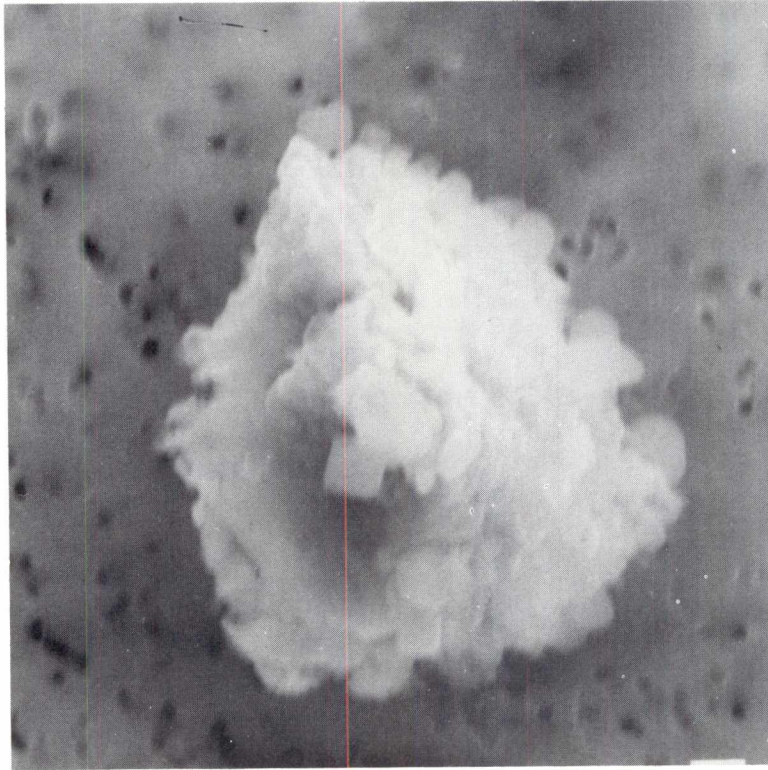
SIZE: 12x5  
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COLOR: Black  
LUSTER: D  
TYPE: C  
COMMENTS:

S-91-32090



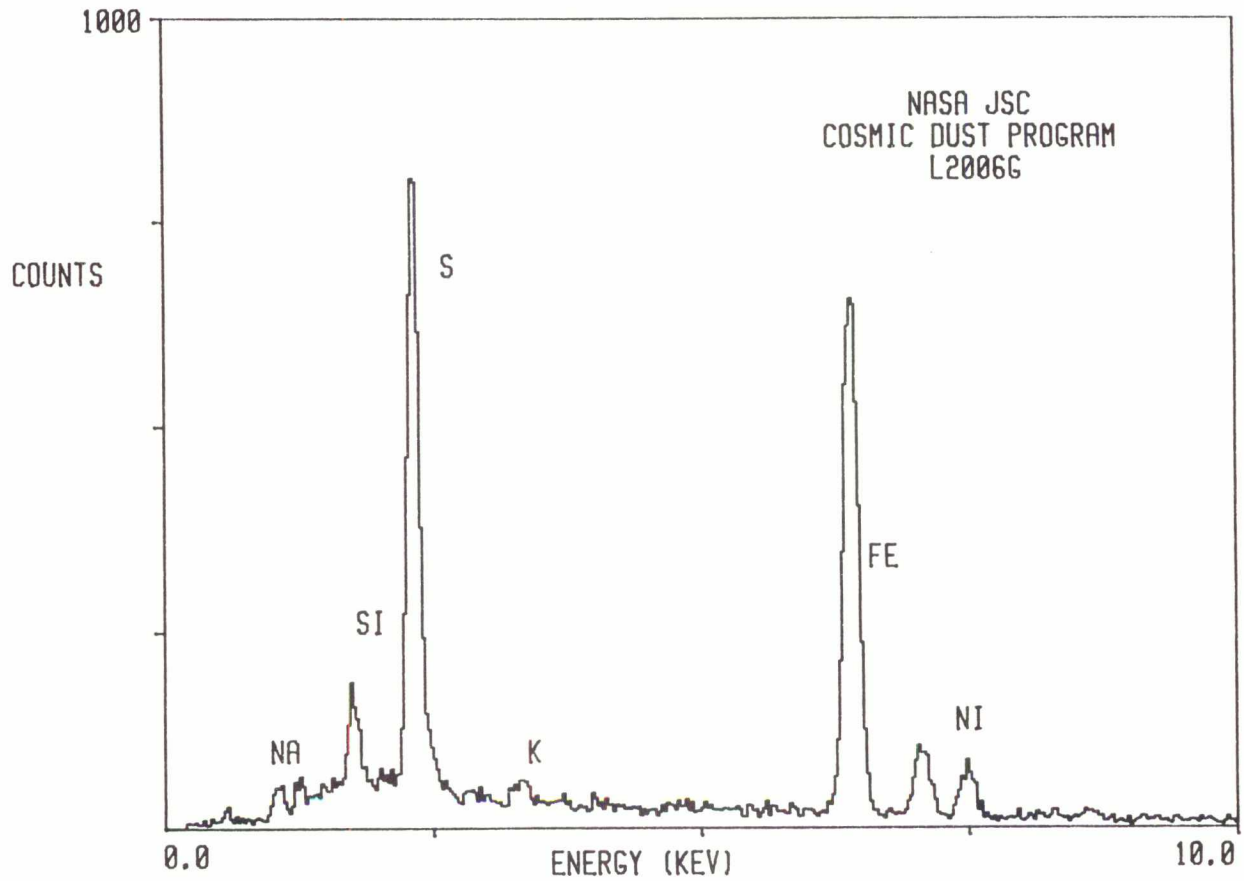


L2006 G 10

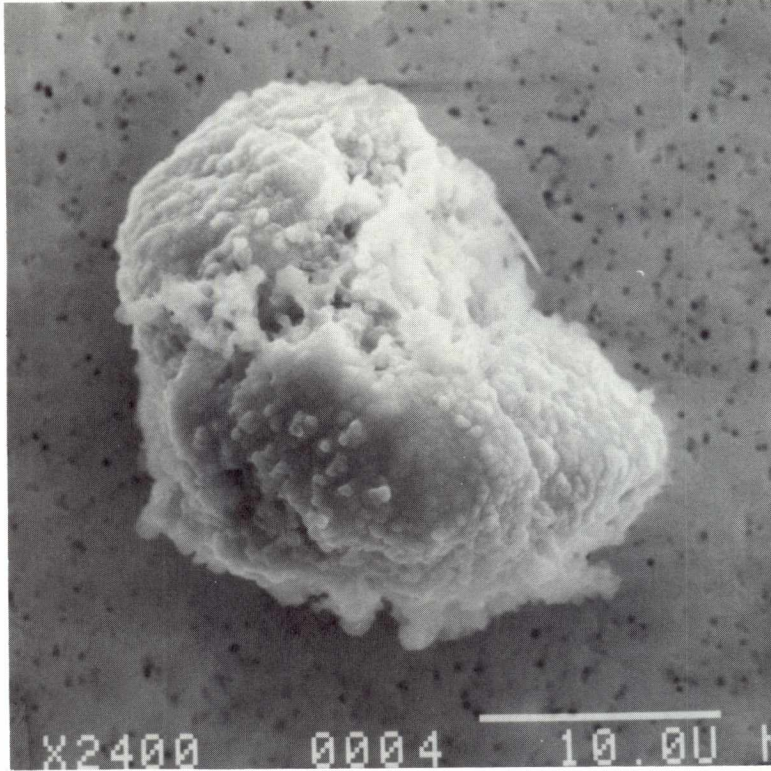


SIZE: 10x8  
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TRANS.: O  
COLOR: Black  
LUSTER: D  
TYPE: C?  
COMMENTS:

S-91-32091

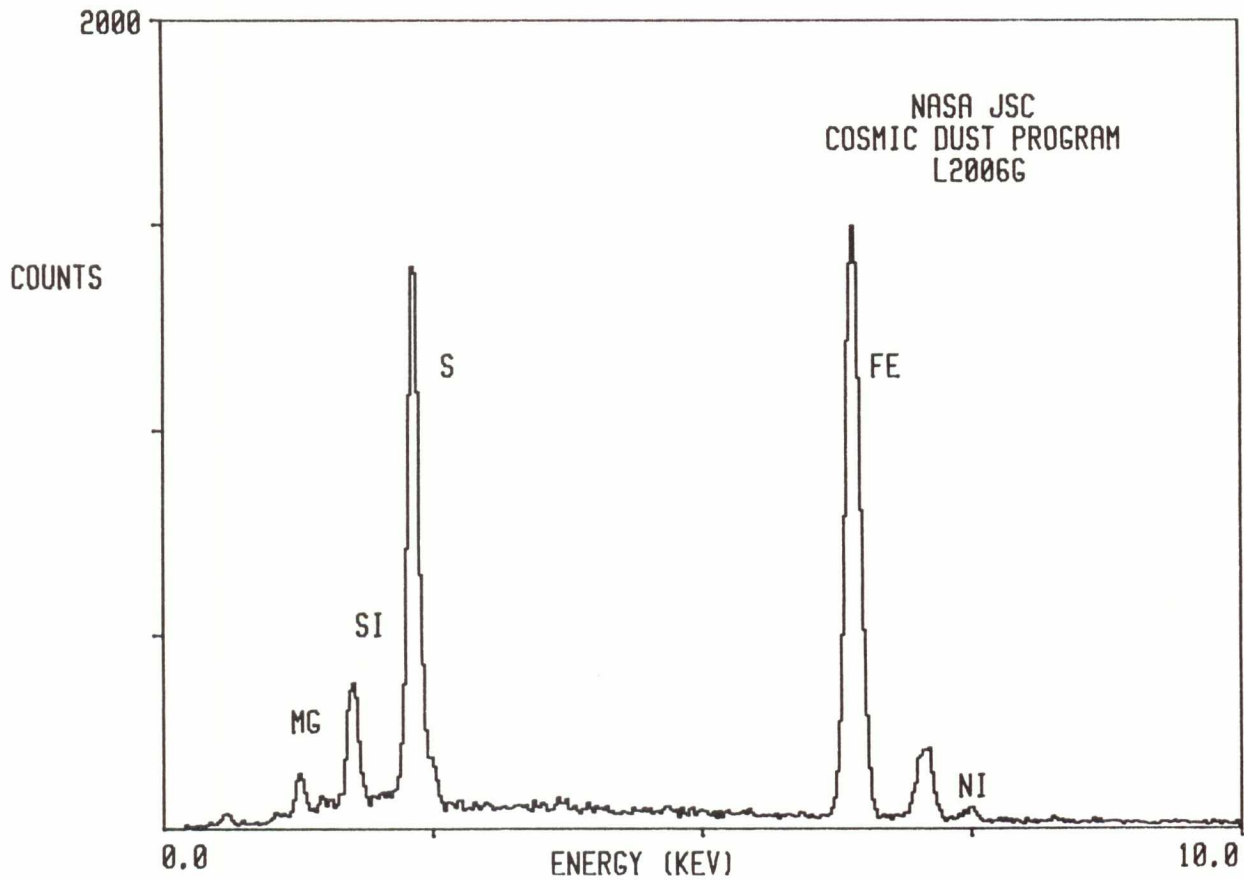


L2006 G 12

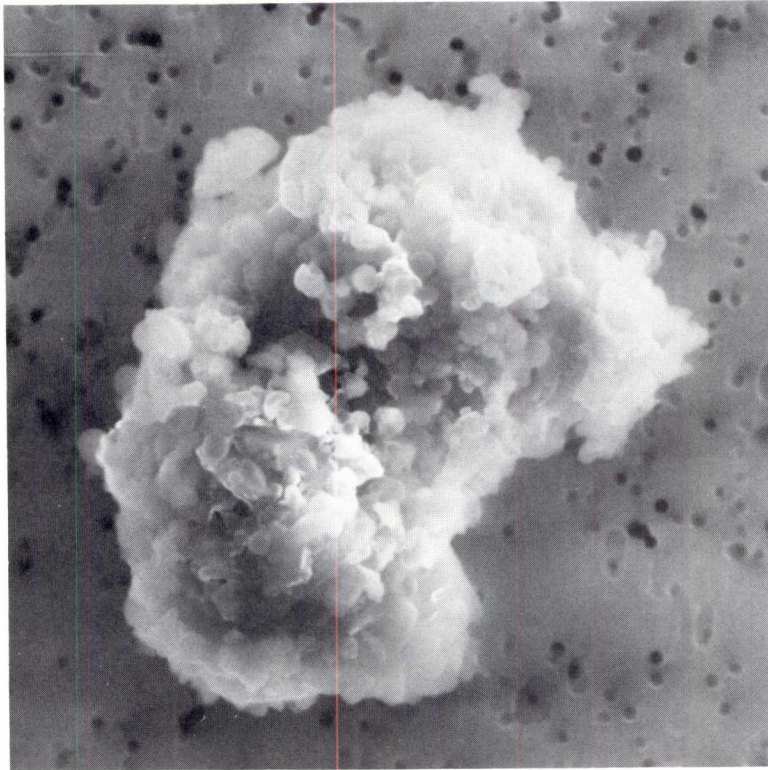


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TRANS.: O  
COLOR: Brown  
LUSTER: D/SM  
TYPE: C?  
COMMENTS:

S-91-32093

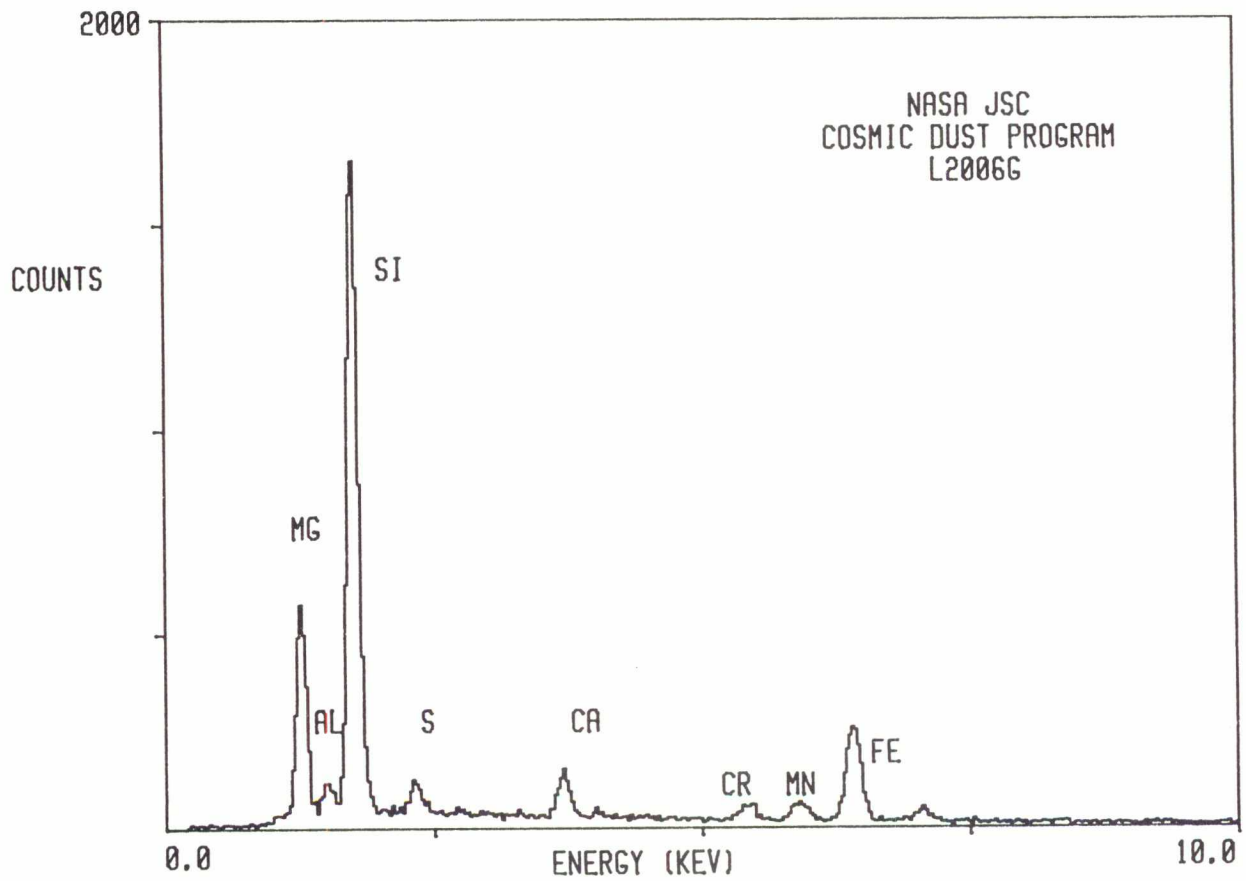


L2006 G 14

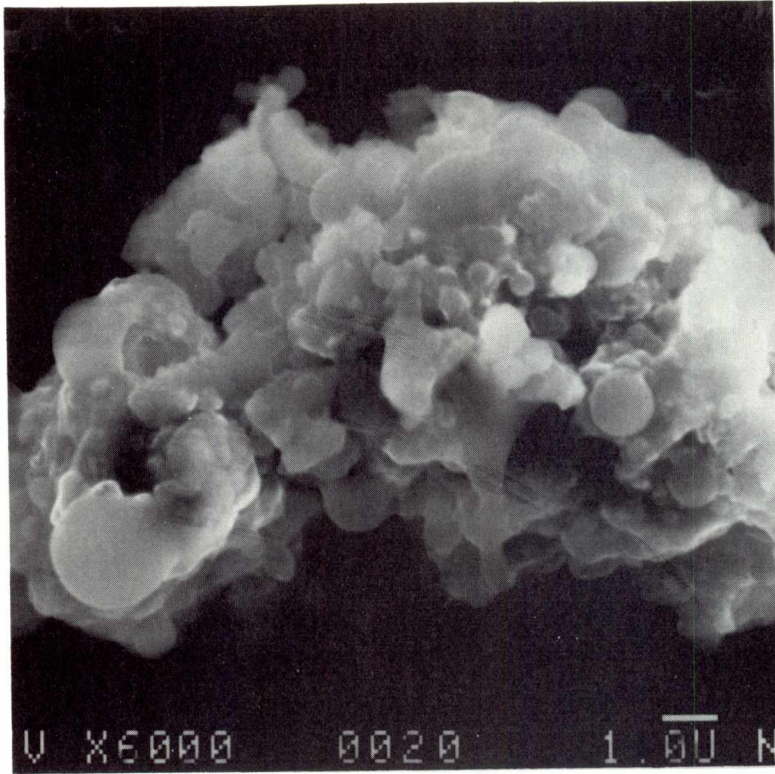


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SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SV/D  
TYPE: C?  
COMMENTS:

S-91-32095

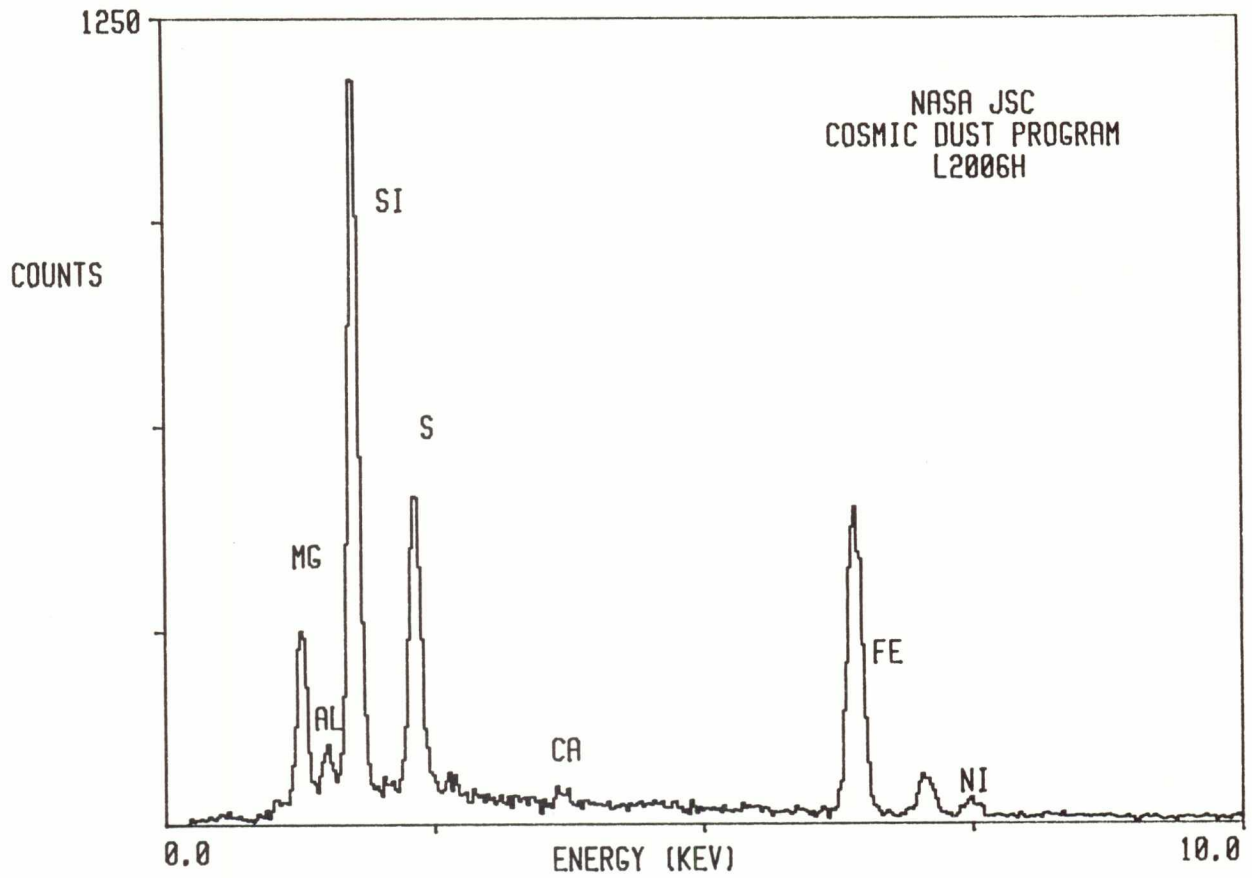


L2006 H 5

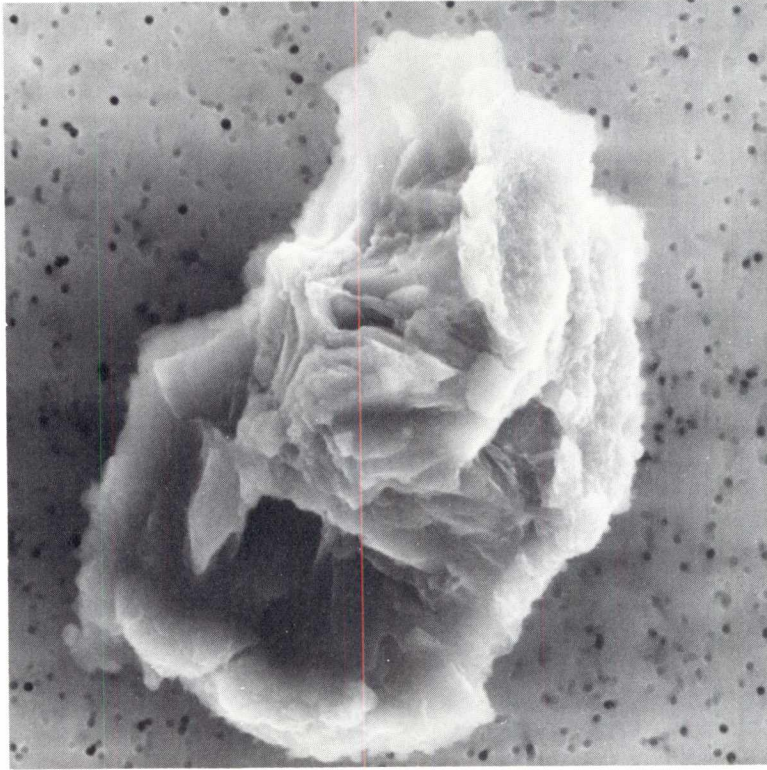


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COLOR: Black  
LUSTER: D/SM  
TYPE: C  
COMMENTS:

S-91-32115

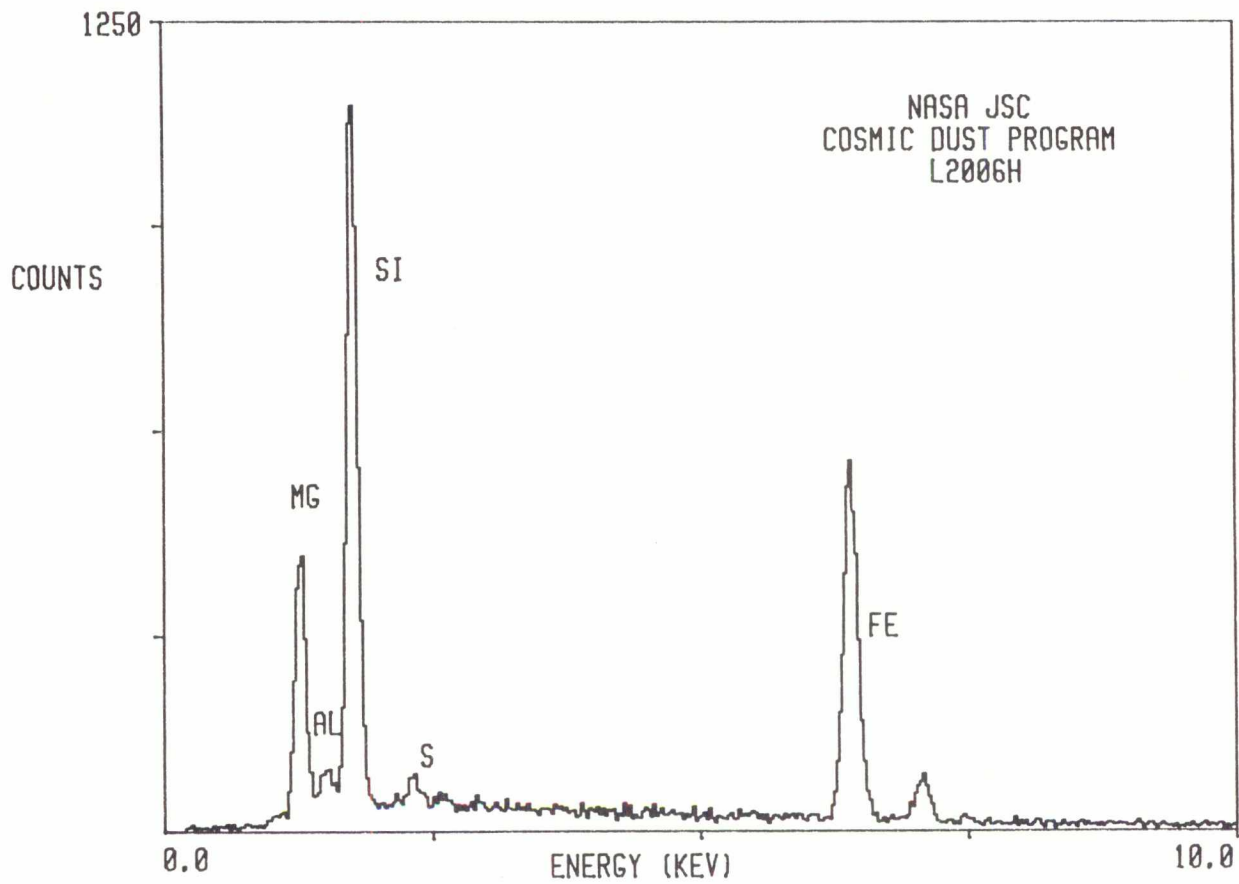


L2006 H 7

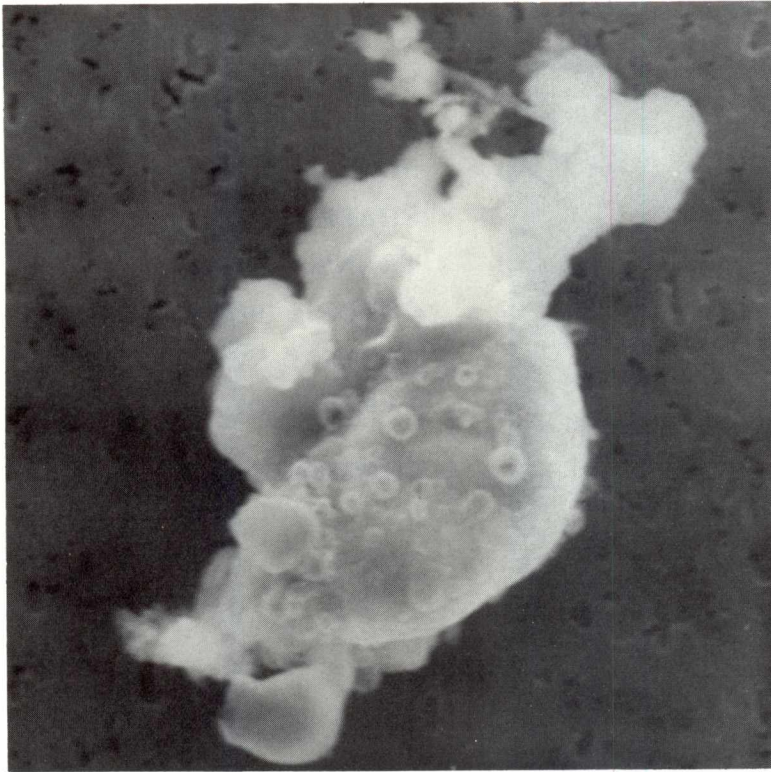


SIZE: 25x18  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D/SM  
TYPE: C?  
COMMENTS:

S-91-32117

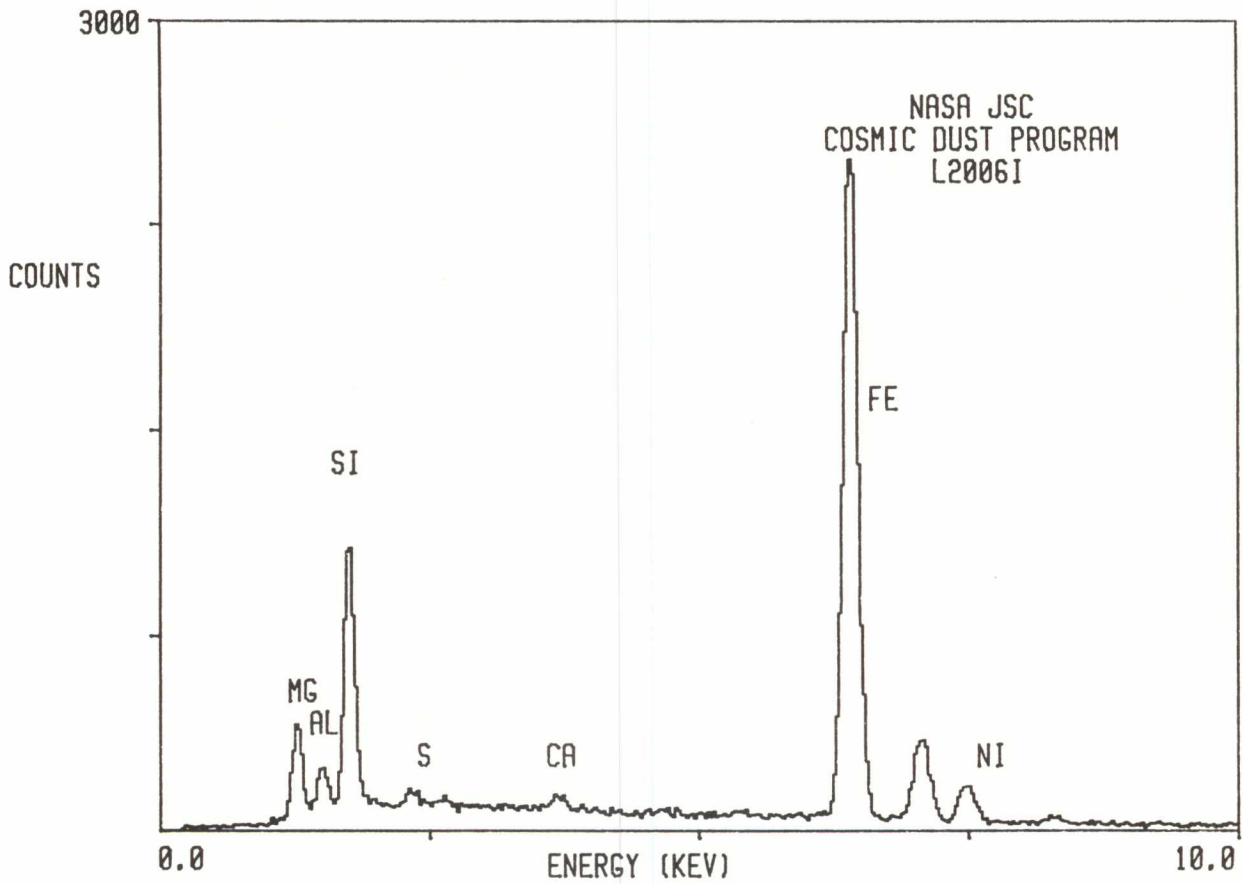


L2006 I 2

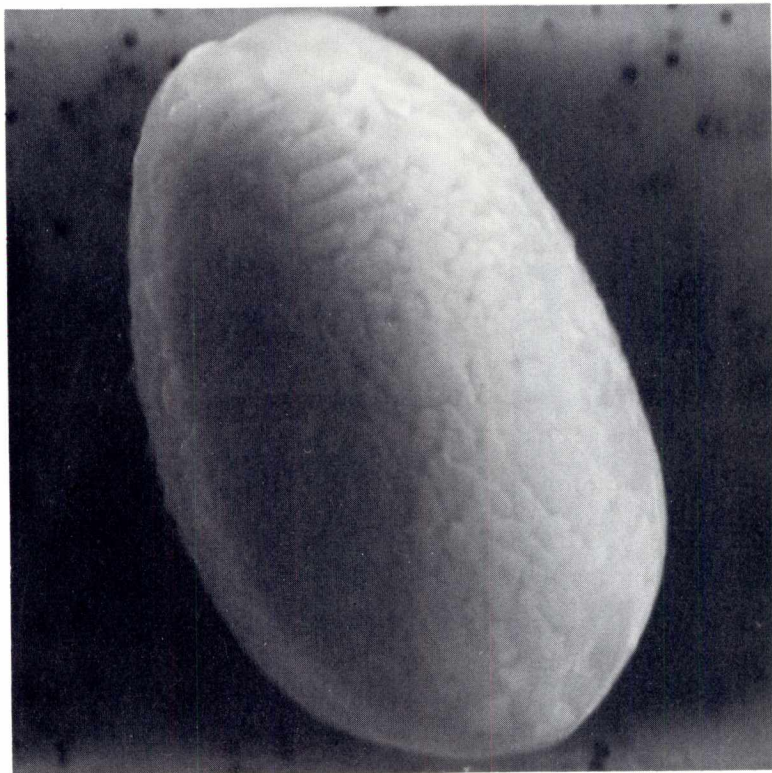


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COLOR: Black  
LUSTER: SV/D  
TYPE: C?  
COMMENTS:

S-91-32308

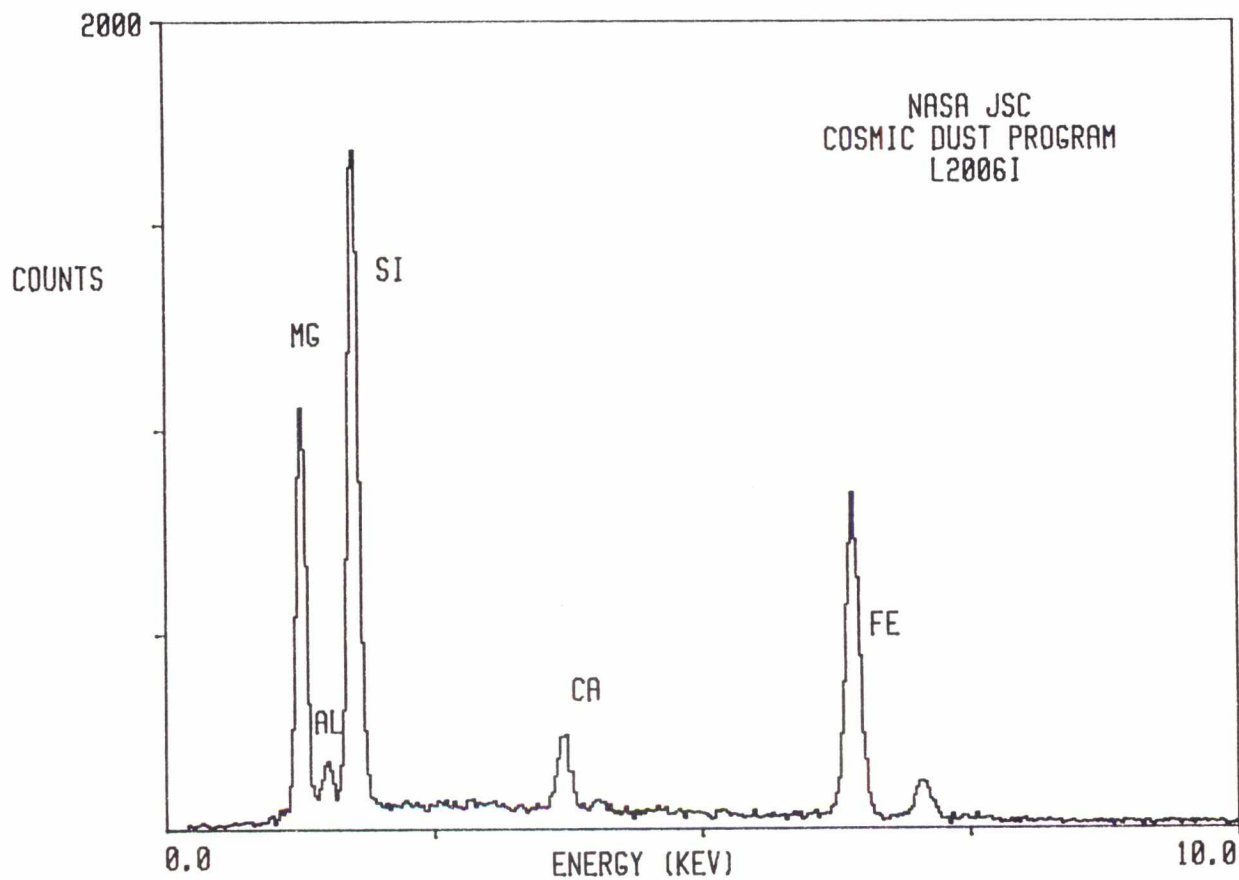


L2006 I 4

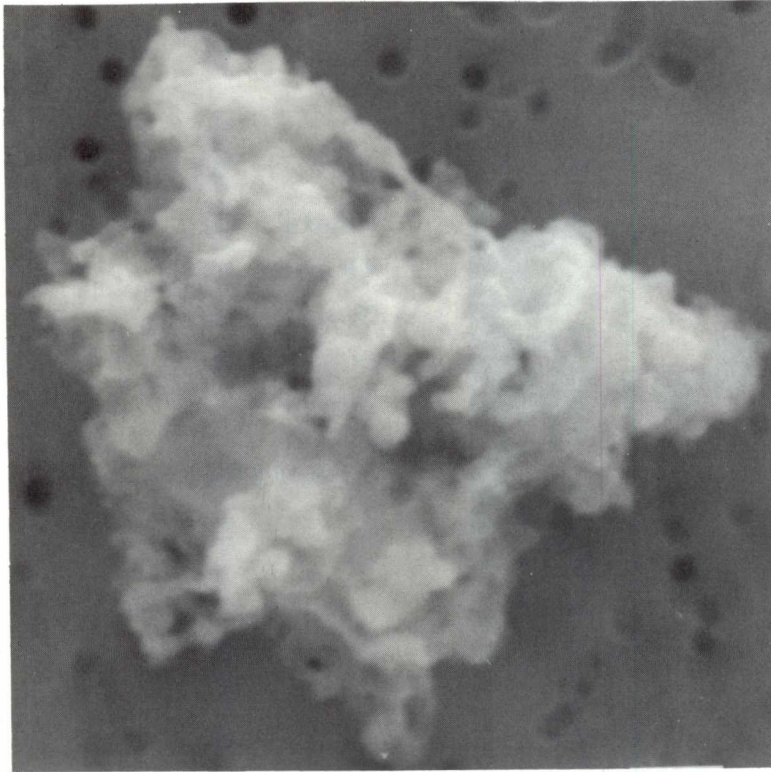


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TRANS.: TL/O  
COLOR: Brown  
LUSTER: SV  
TYPE: C?  
COMMENTS:

S-91-32310

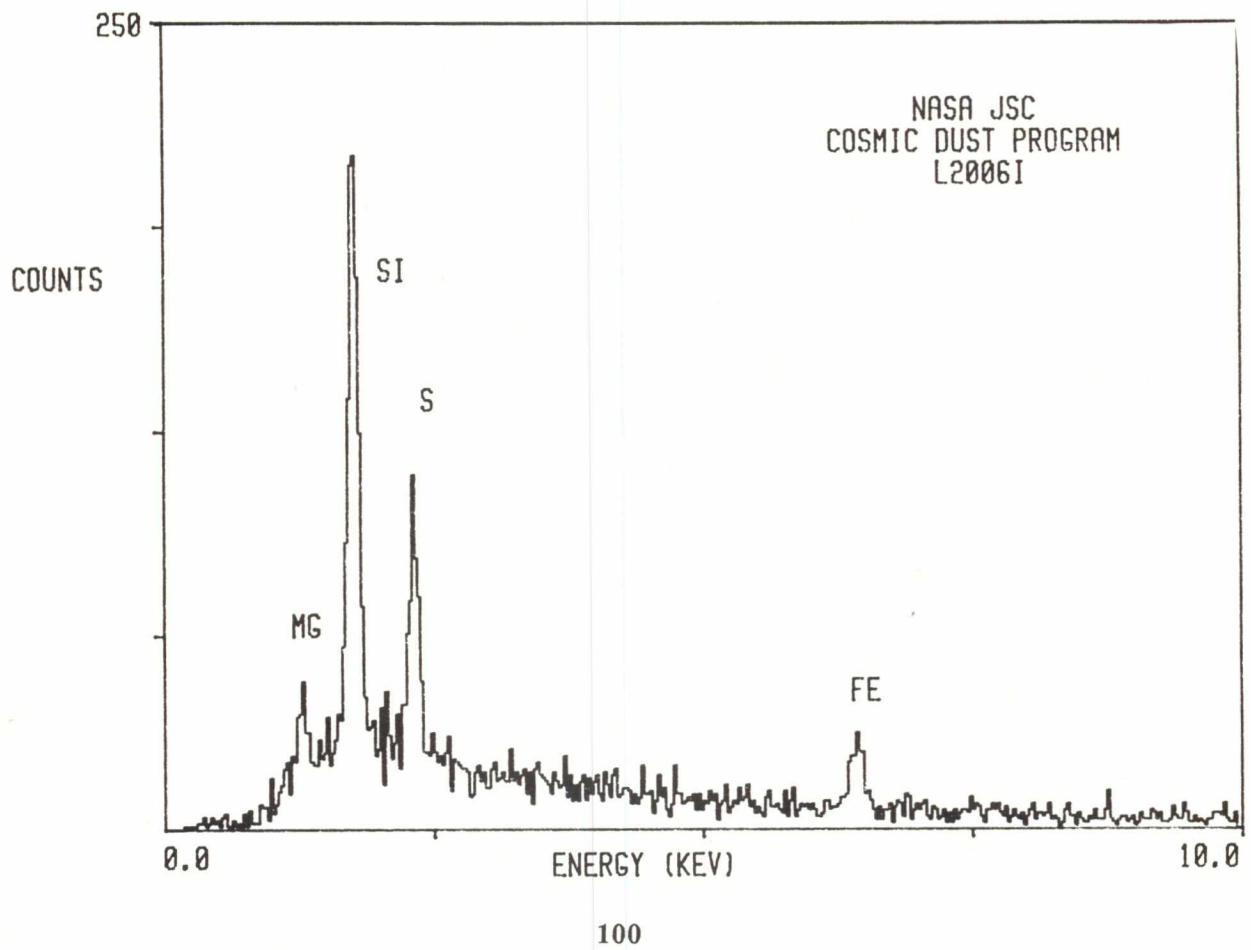


L2006 I 9



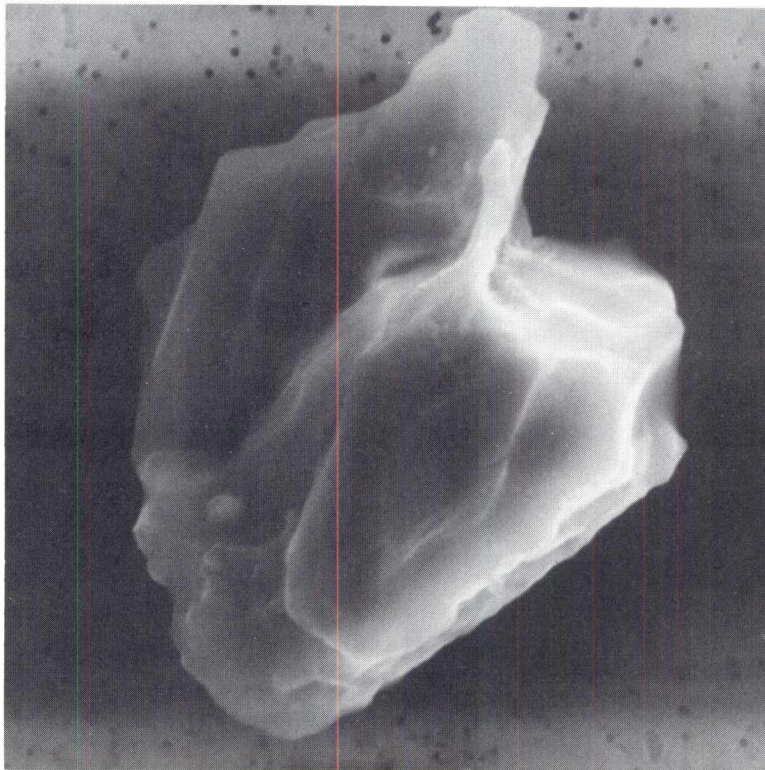
SIZE: 8  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SV/SM  
TYPE: C?  
COMMENTS:

S-91-32315



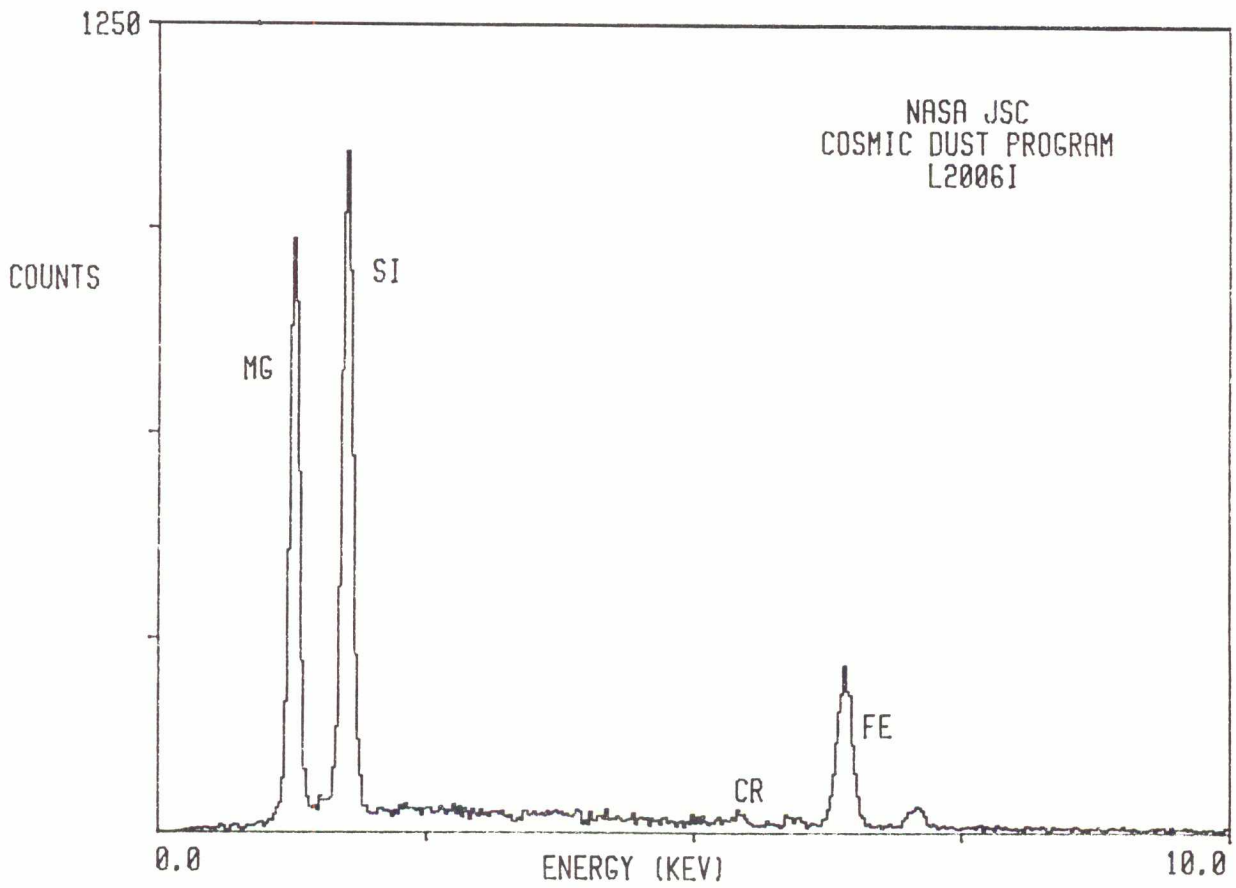


L2006 I 10

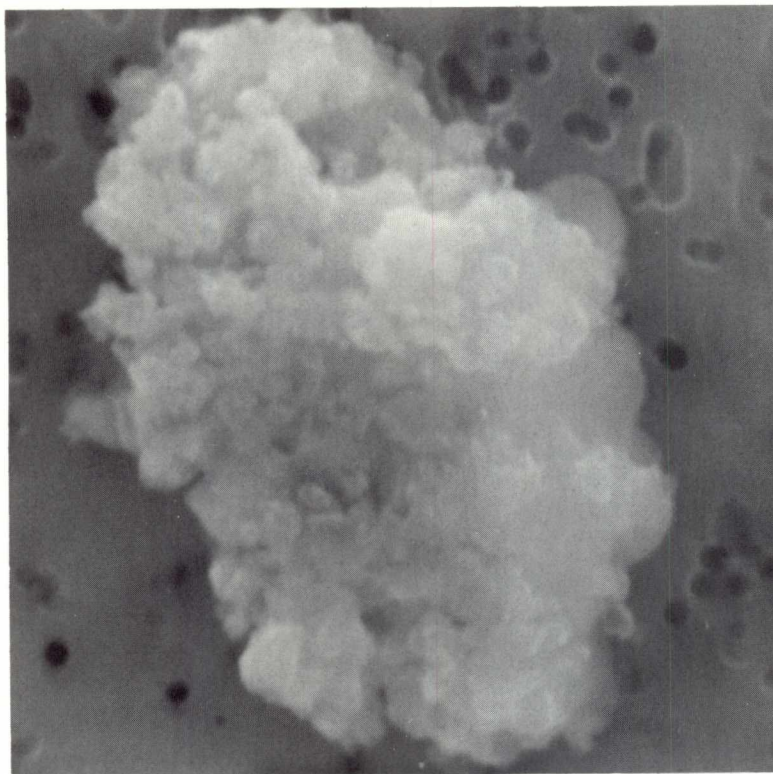


SIZE: 15  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: C?  
COMMENTS:

S-91-32316

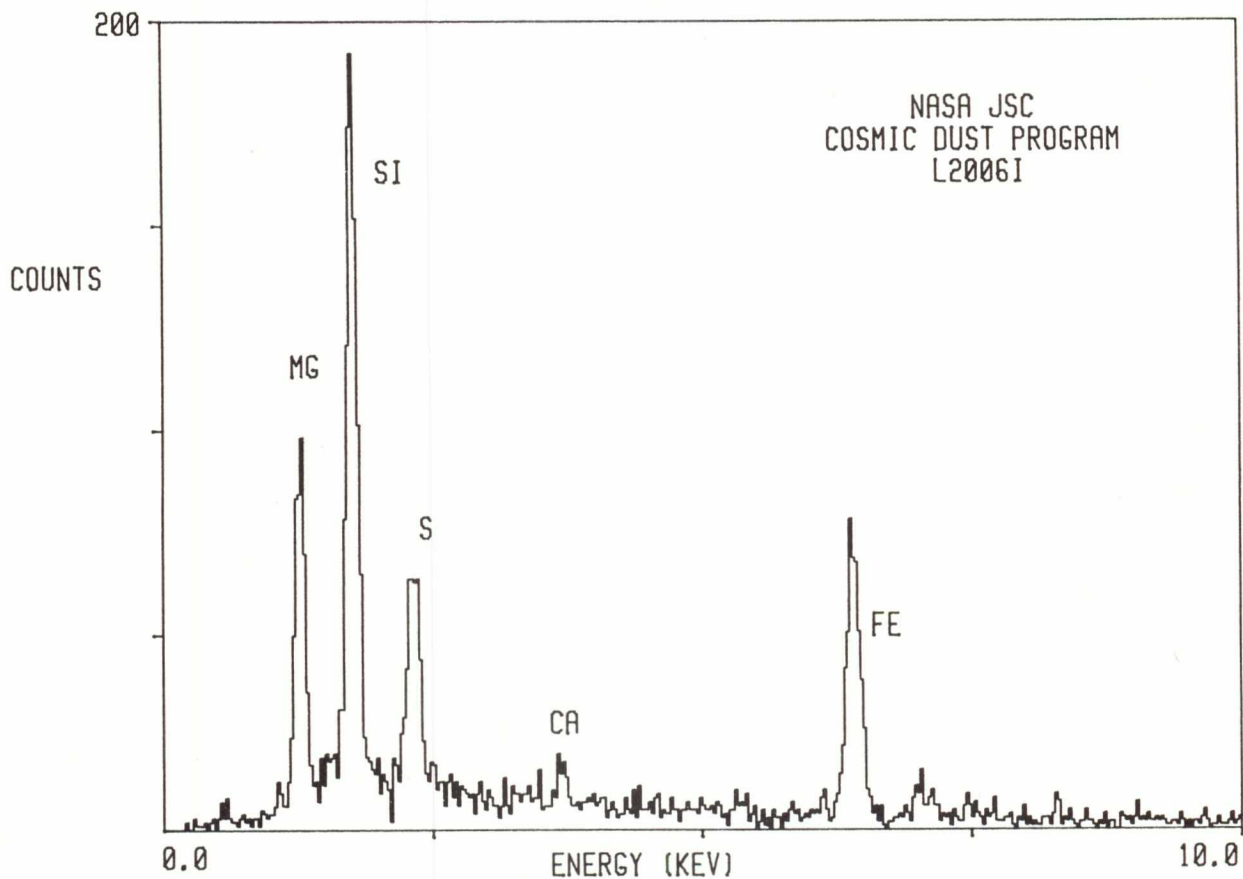


L2006 I 19

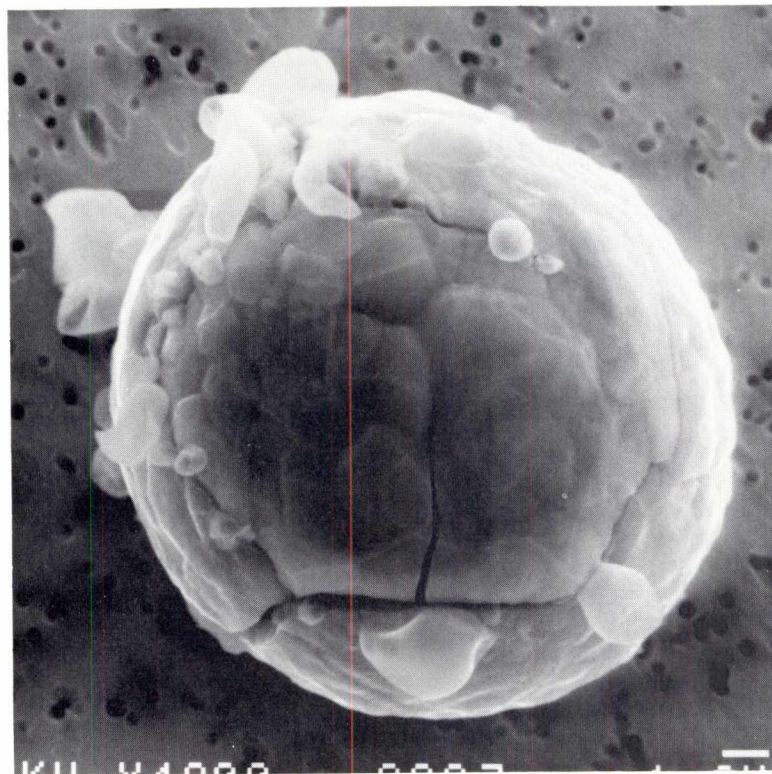


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COLOR: Black  
LUSTER: SM/D  
TYPE: C  
COMMENTS:

S-91-32325

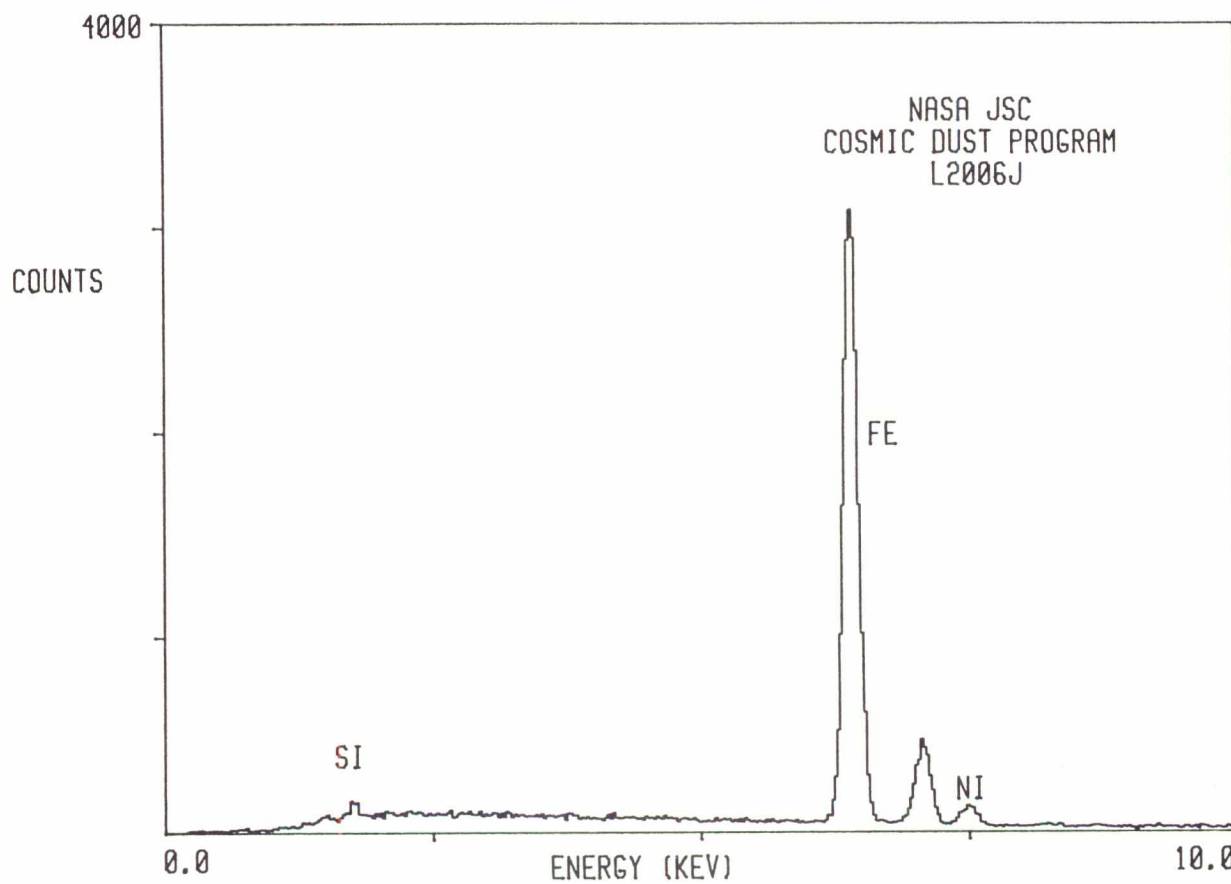


L2006 J 1

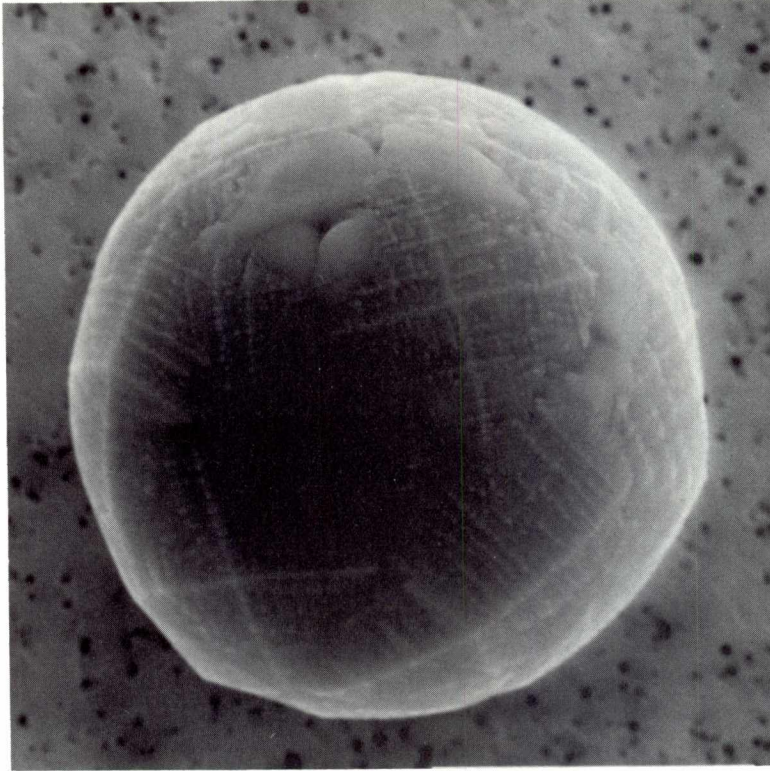


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TRANS.: O  
COLOR: Black  
LUSTER: SM  
TYPE: C?  
COMMENTS:

S-91-32256

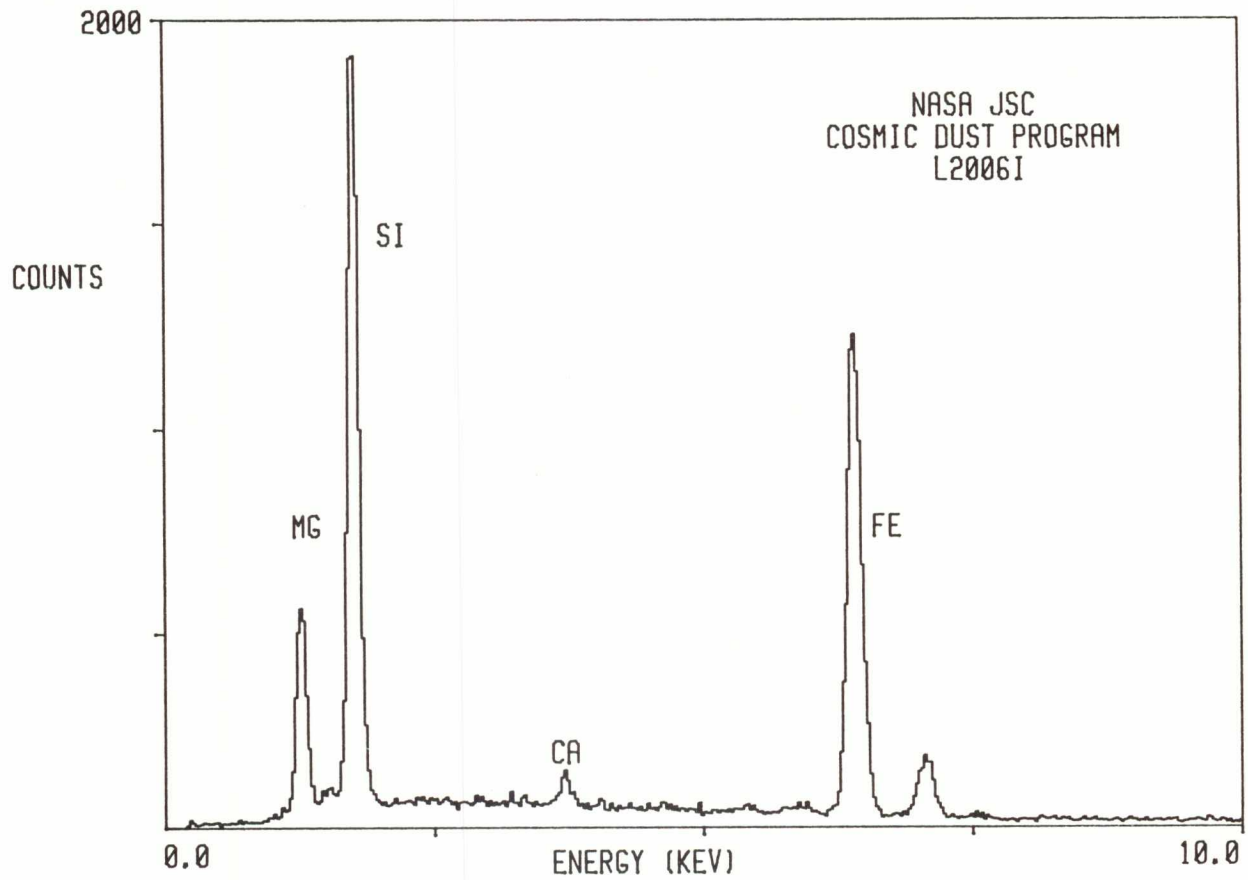


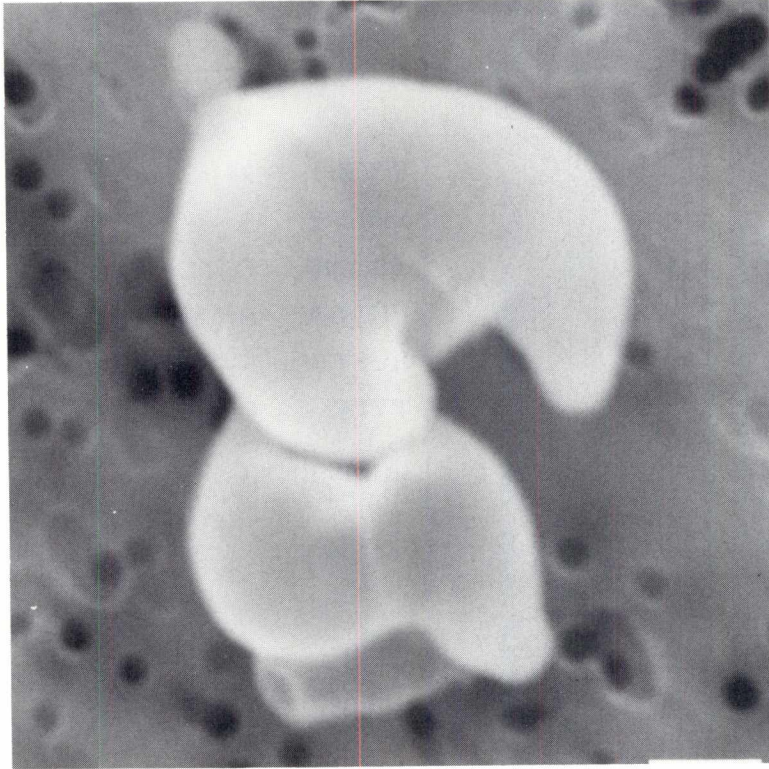
L2006 J 2



SIZE: 20  
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TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV/SM  
TYPE: C?  
COMMENTS:

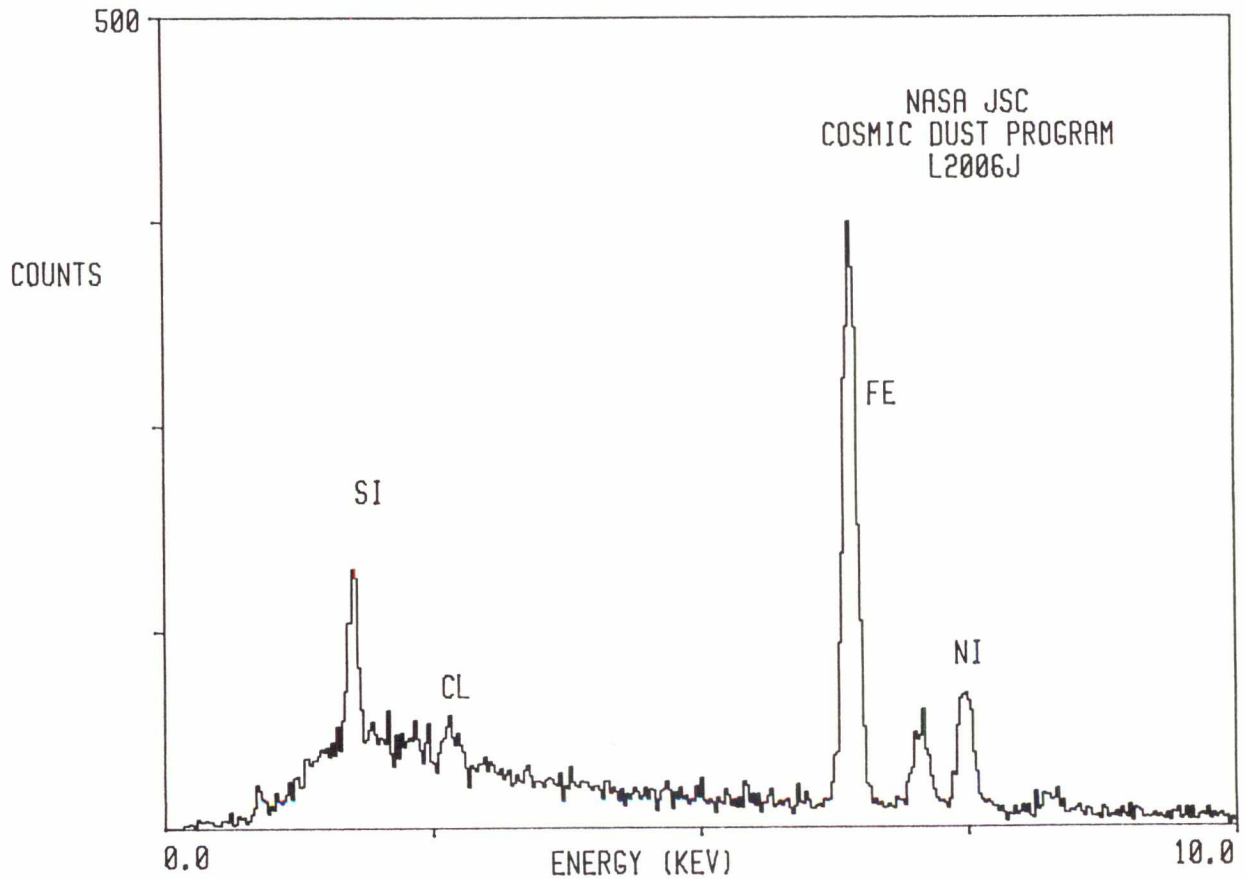
S-91-32257



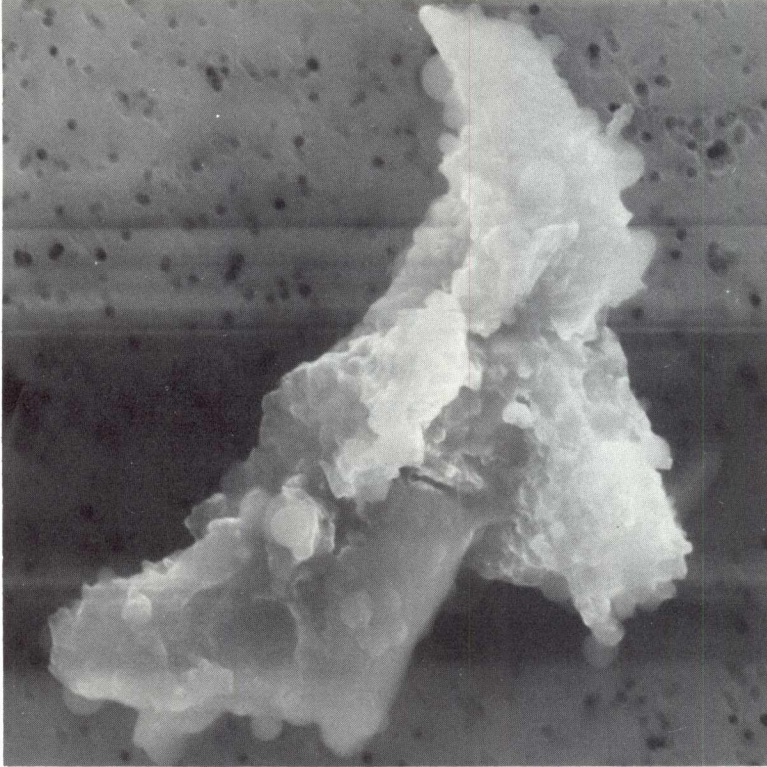


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SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM  
TYPE: C?  
COMMENTS:

S-91-32258

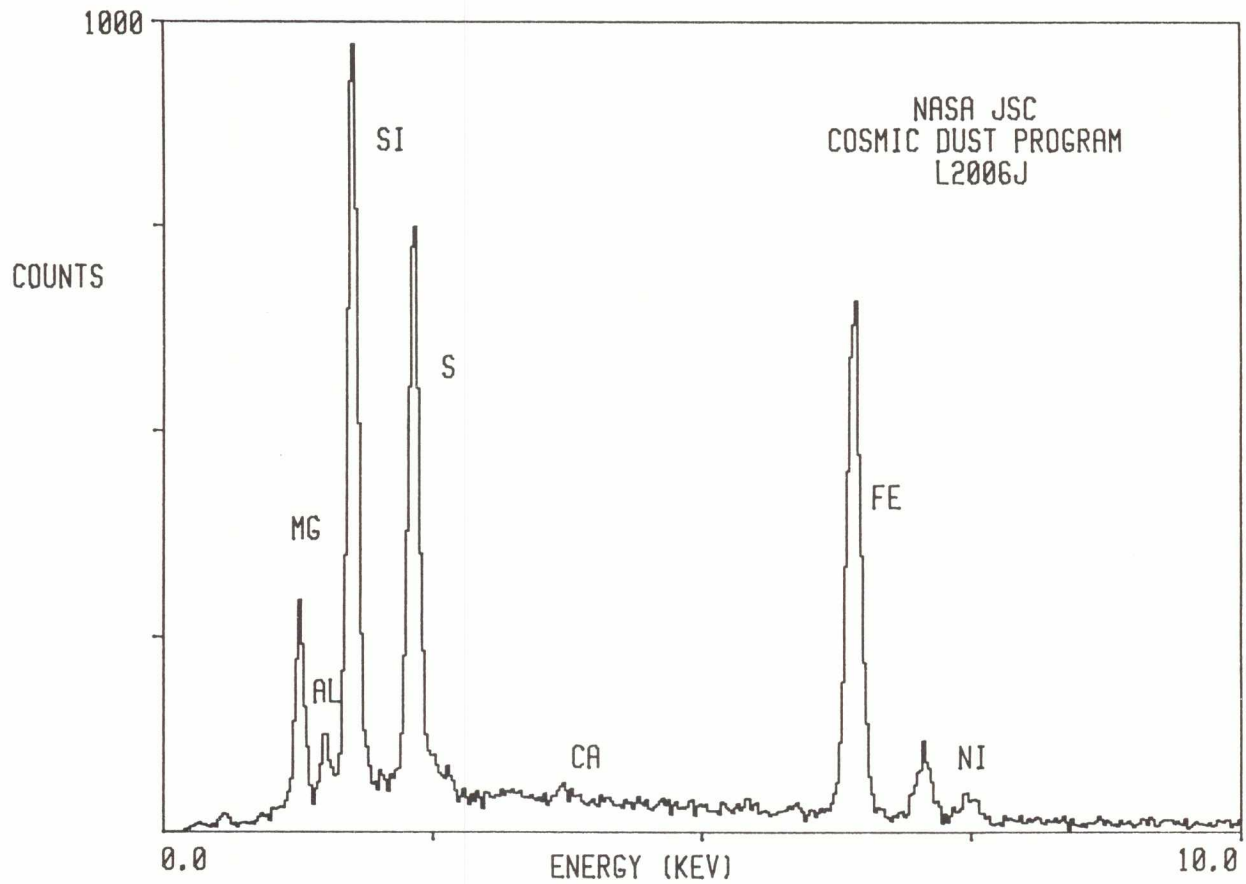


L2006 J 7

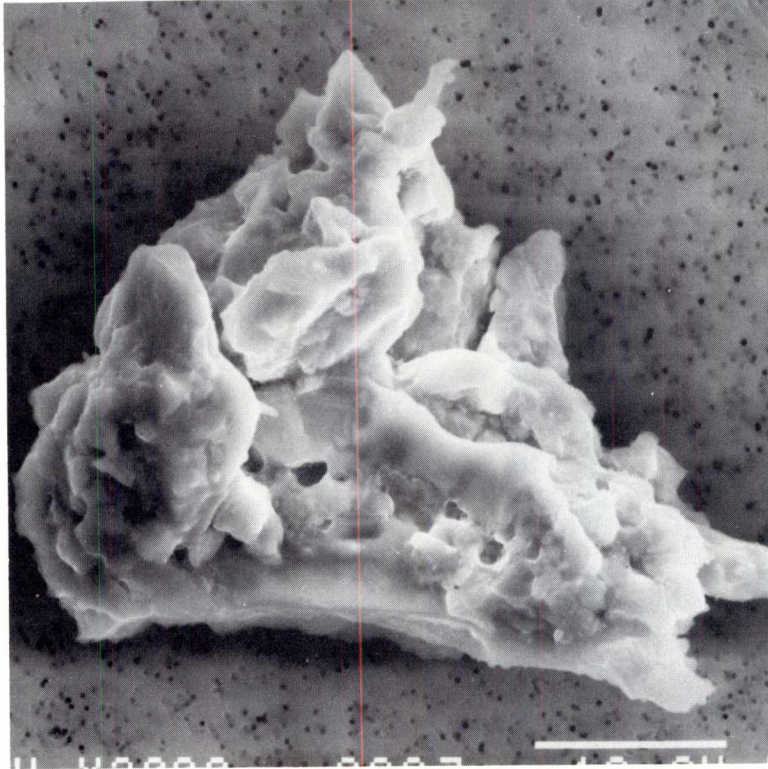


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TRANS.: O/TL  
COLOR: Black  
LUSTER: D/SM  
TYPE: C  
COMMENTS:

S-91-32262

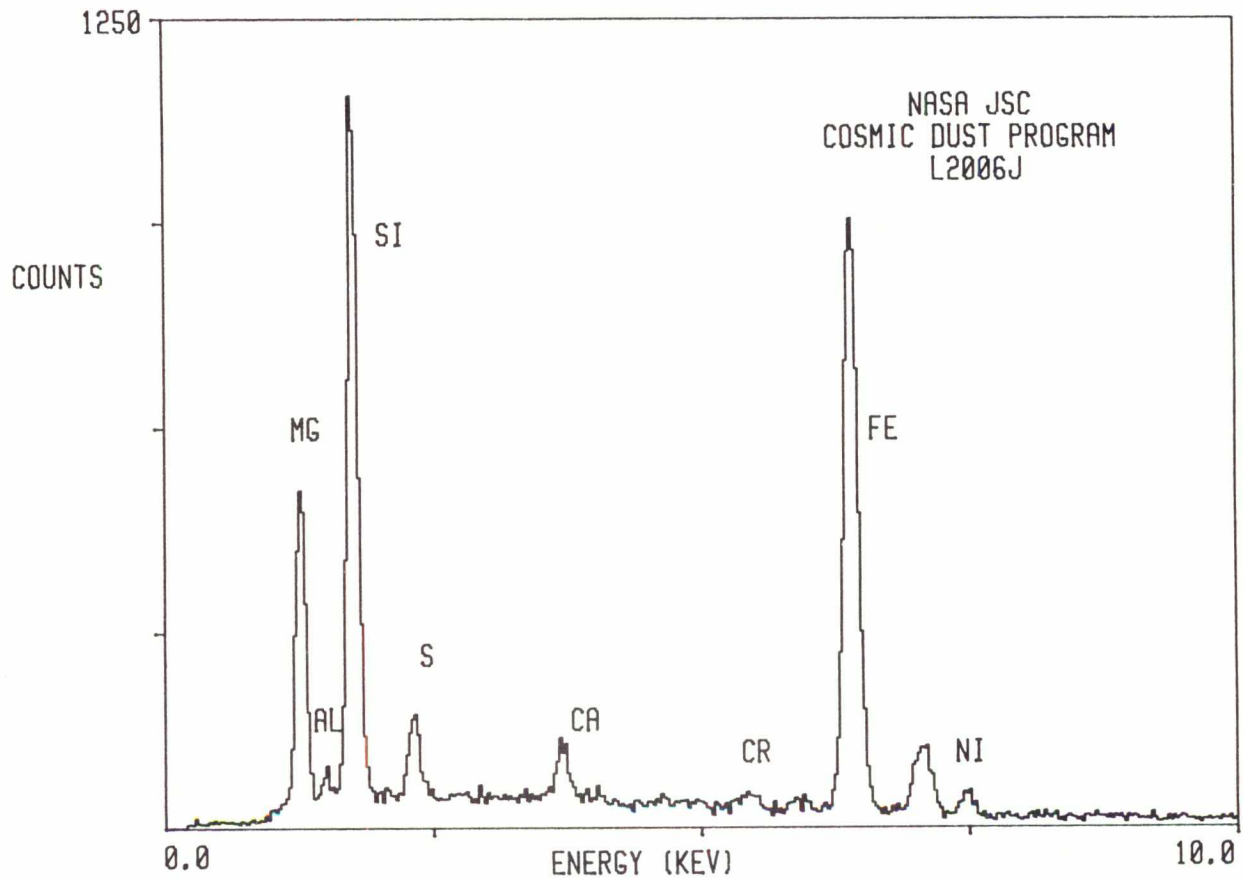


L2006 J 9

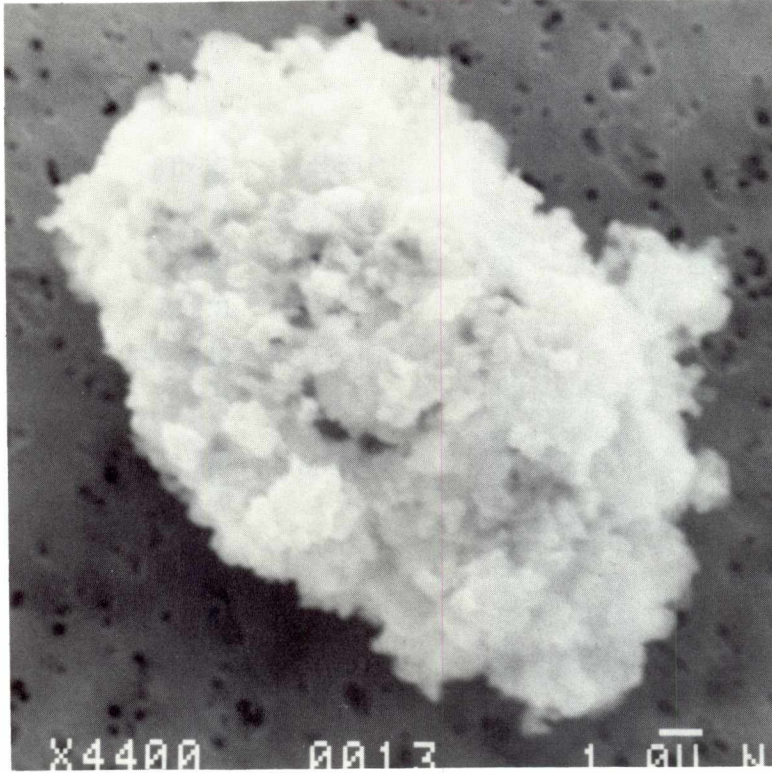


SIZE: 40X35  
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TRANS.: O/TL  
COLOR: Black  
LUSTER: SV/SM  
TYPE: C  
COMMENTS:

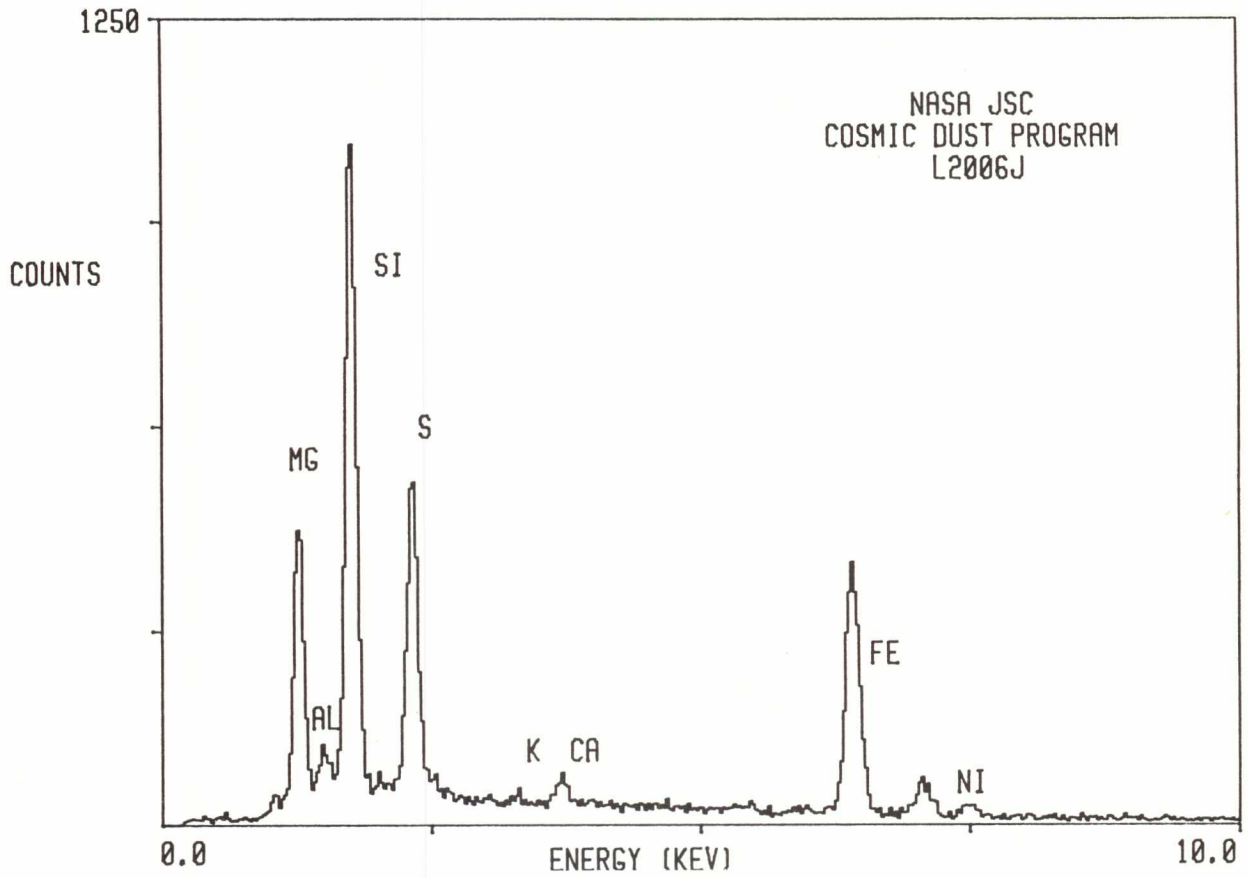
S-91-32264



L2006 J 11

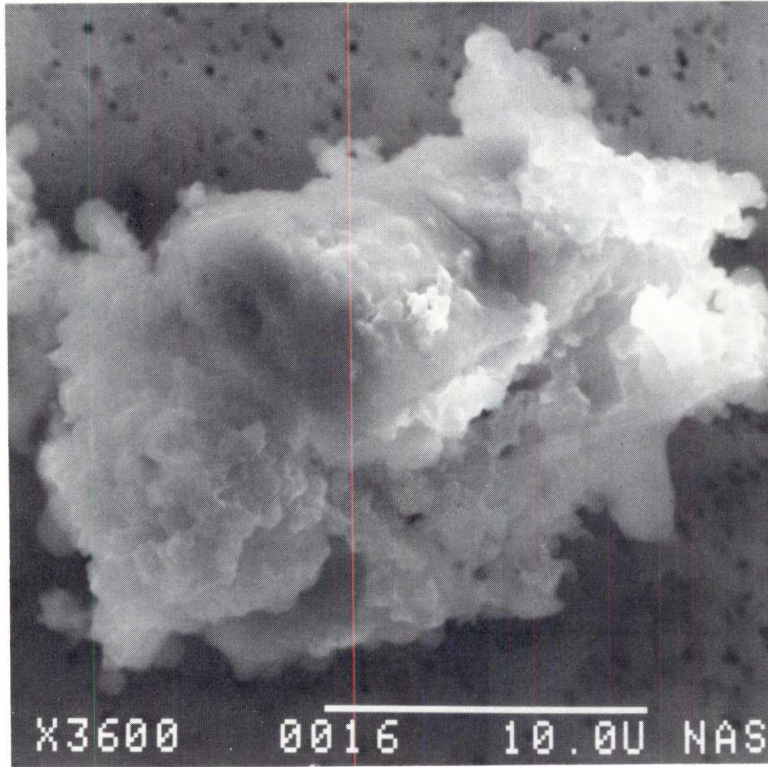


SIZE: 15x11  
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TRANS.: O/TL  
COLOR: Black  
LUSTER: SM/SV  
TYPE: C  
COMMENTS:



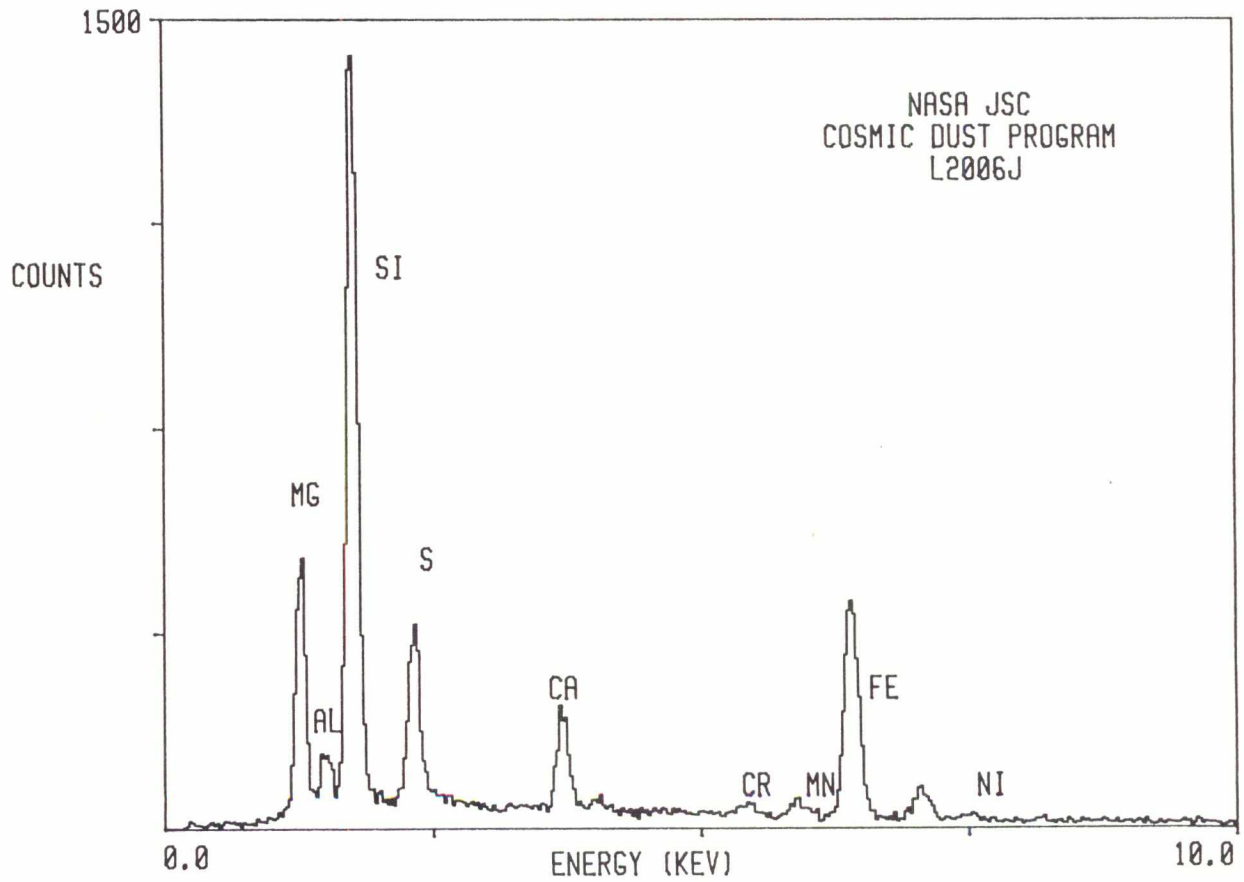


L2006 J 13

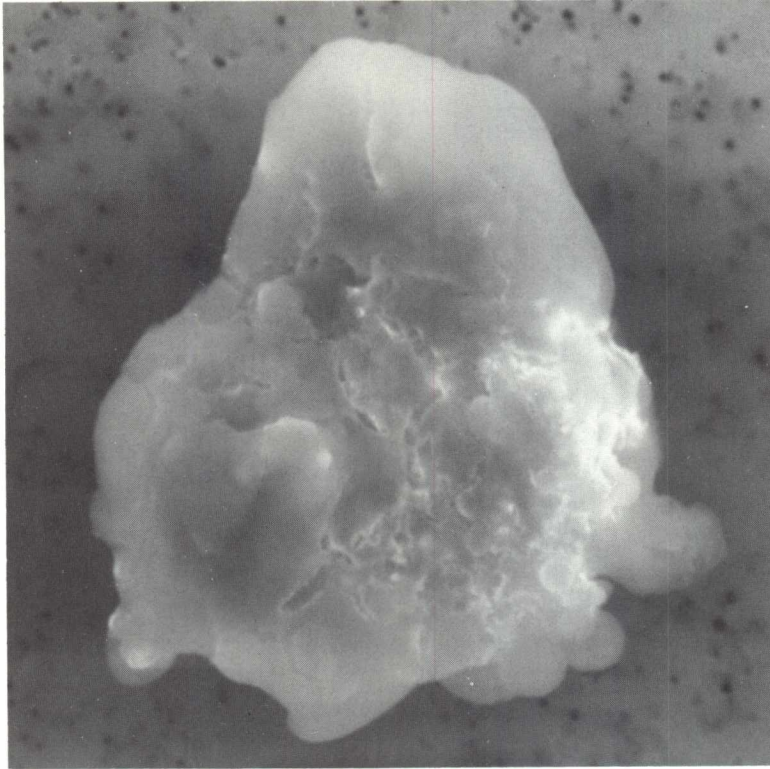


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TRANS.: O/TL  
COLOR: Black  
LUSTER: SM/SV  
TYPE: C  
COMMENTS:

S-91-32268

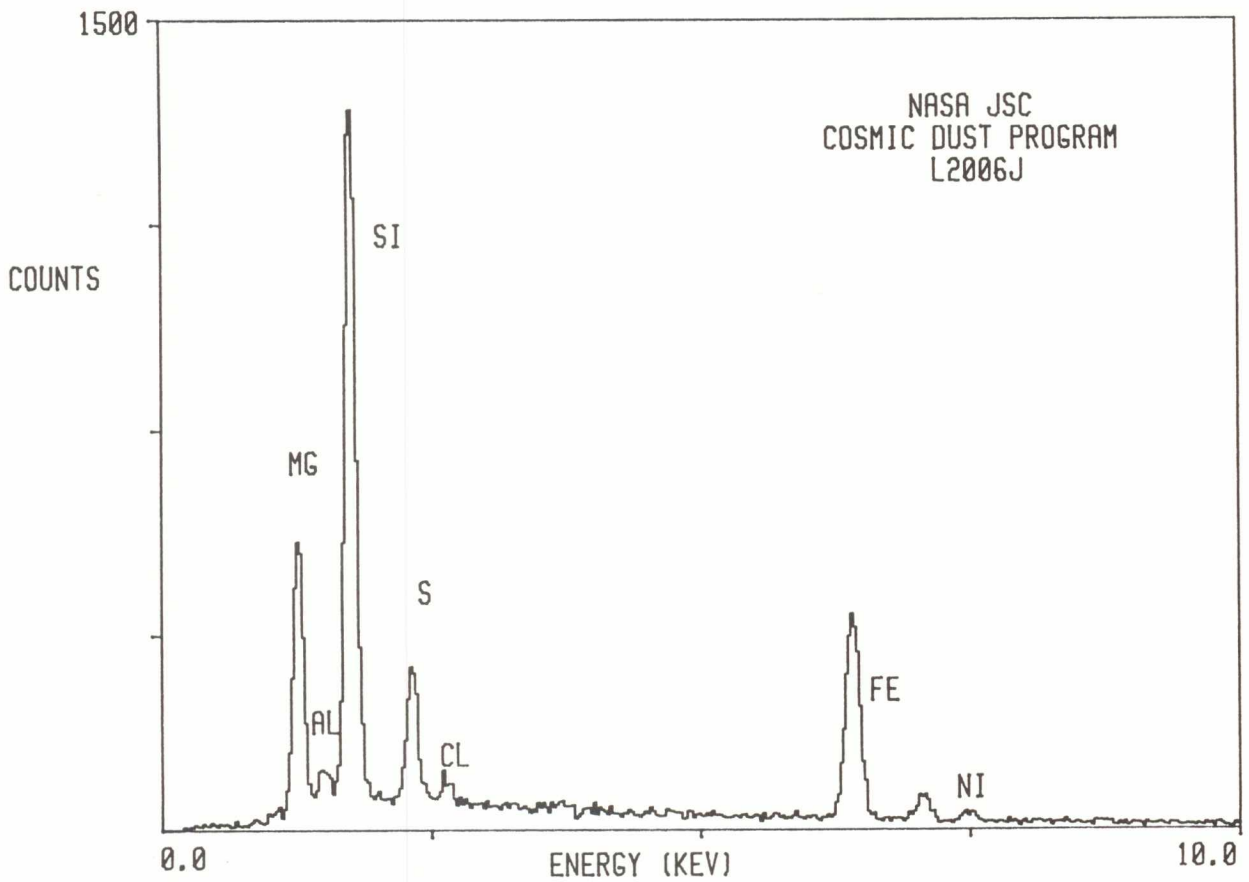


L2006 J 14

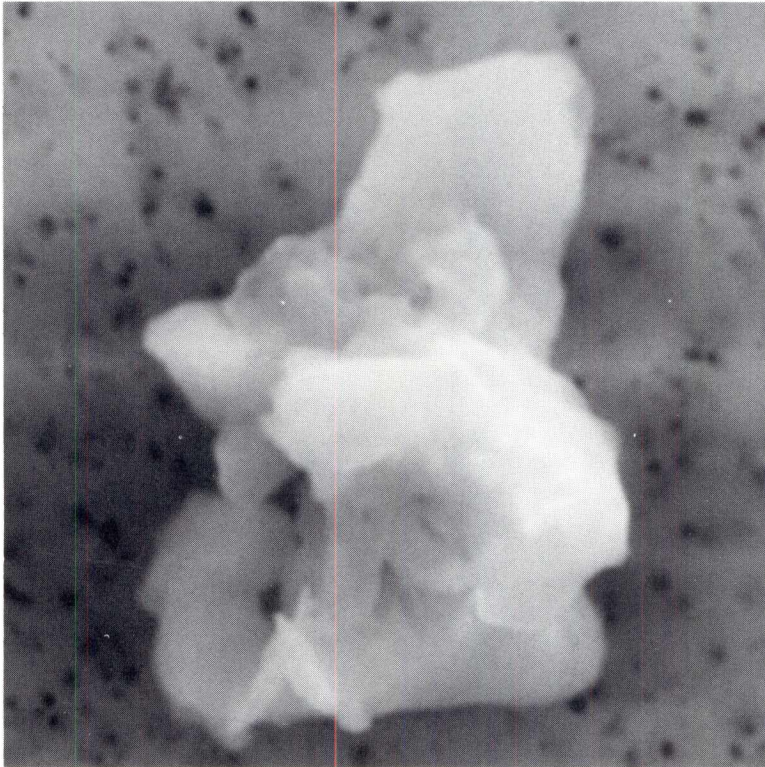


SIZE: 22x20  
SHAPE: I  
TRANS.: O/TL  
COLOR: Black  
LUSTER: SM/SV  
TYPE: C  
COMMENTS:

S-91-32269

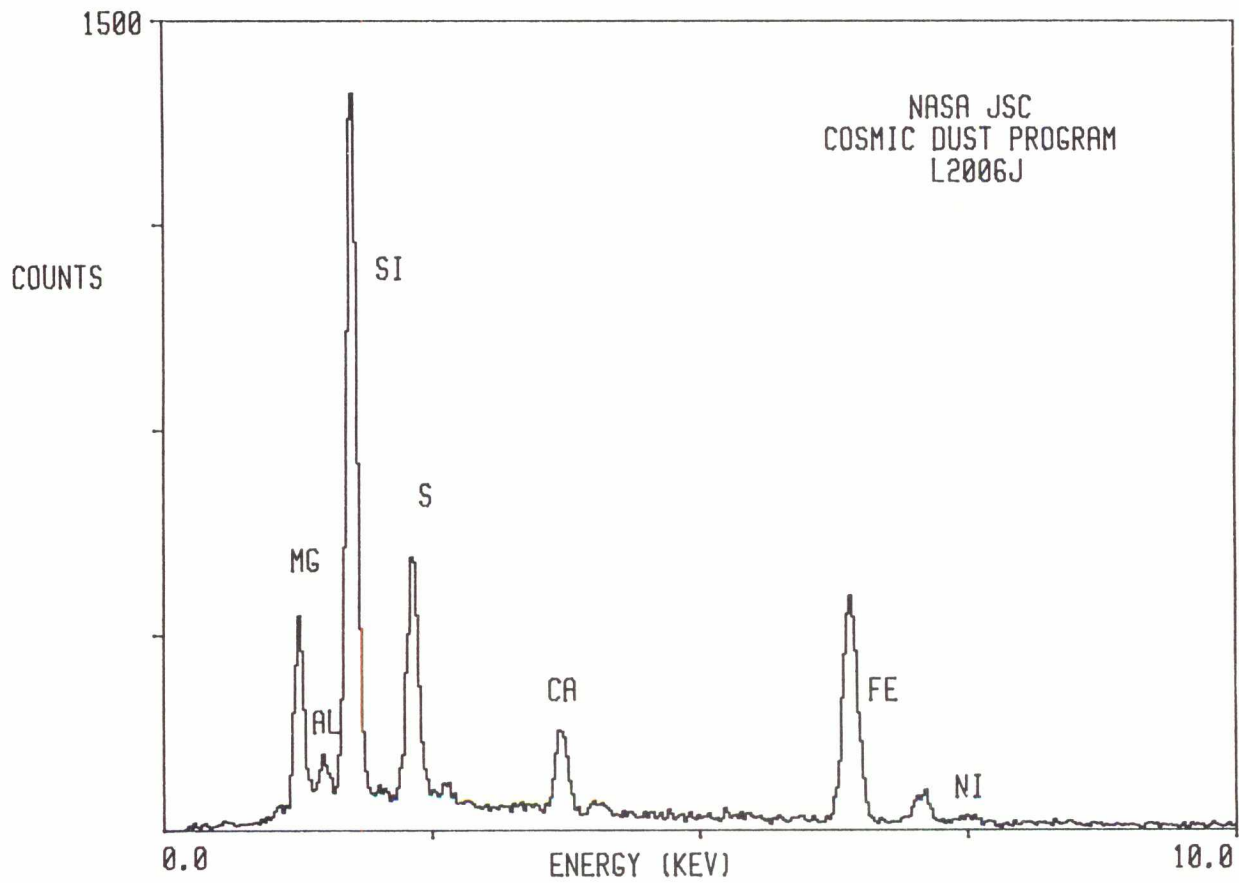


L2006 J 15

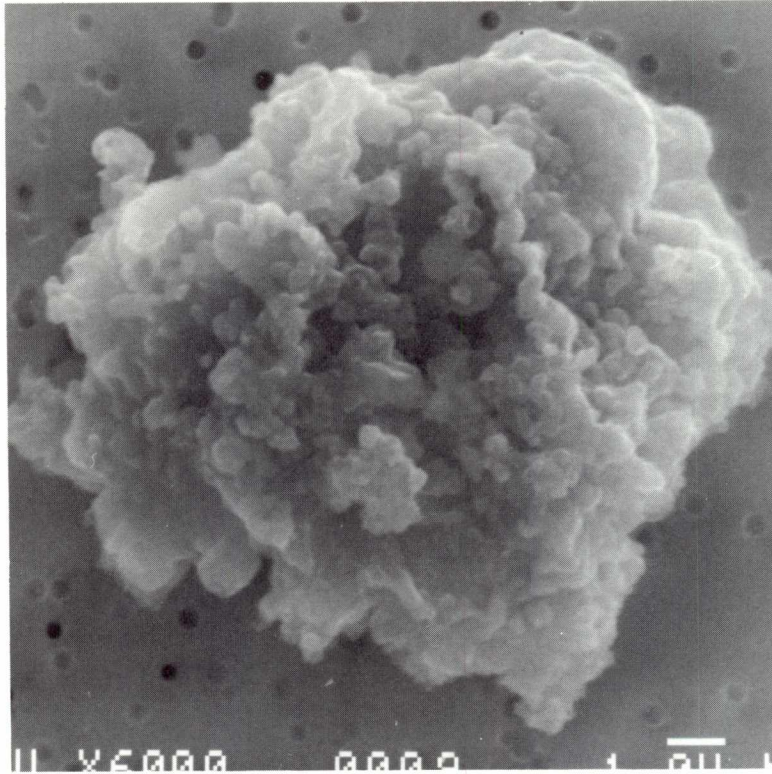


SIZE: 16x10  
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TRANS.: O/TL  
COLOR: Black  
LUSTER: SM/SV  
TYPE: C  
COMMENTS:

S-91-32270

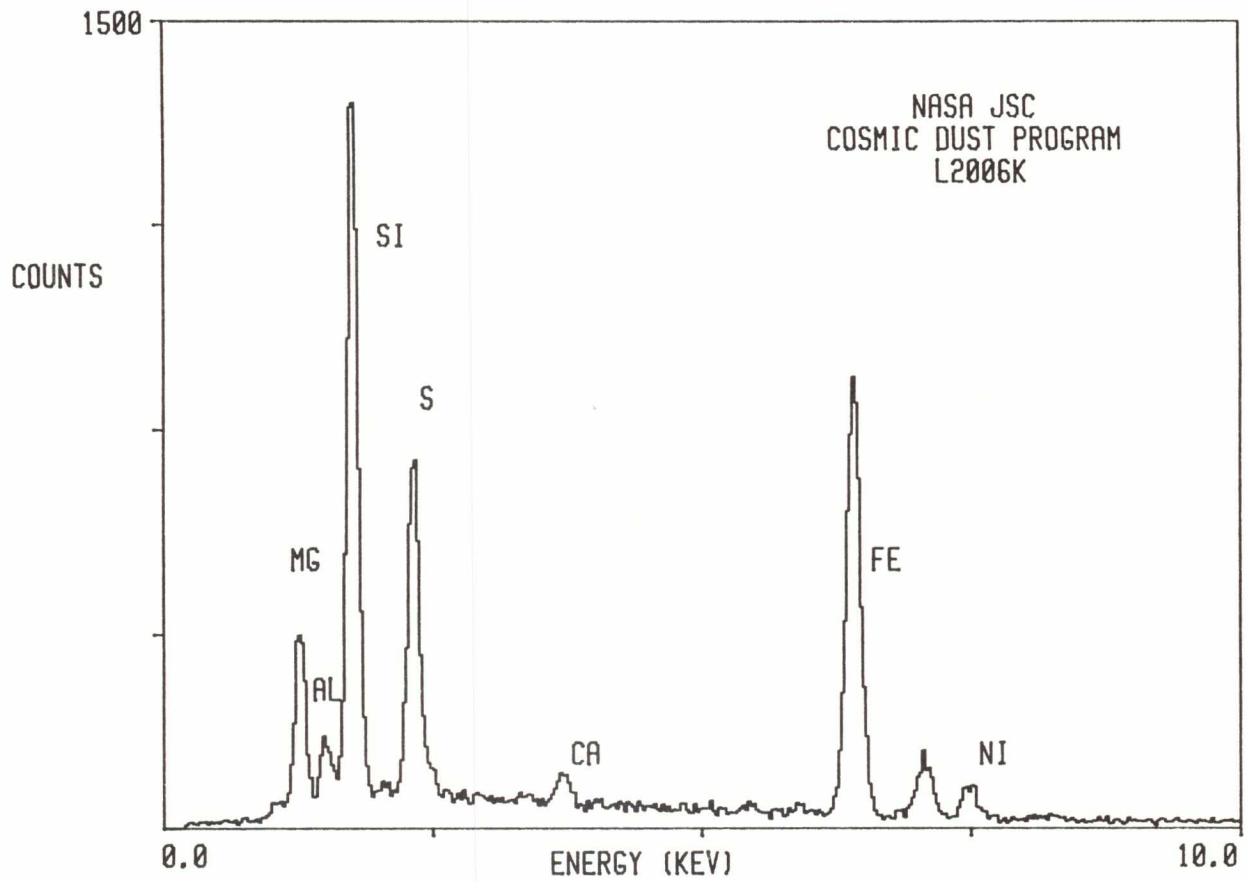


L2006 K 7

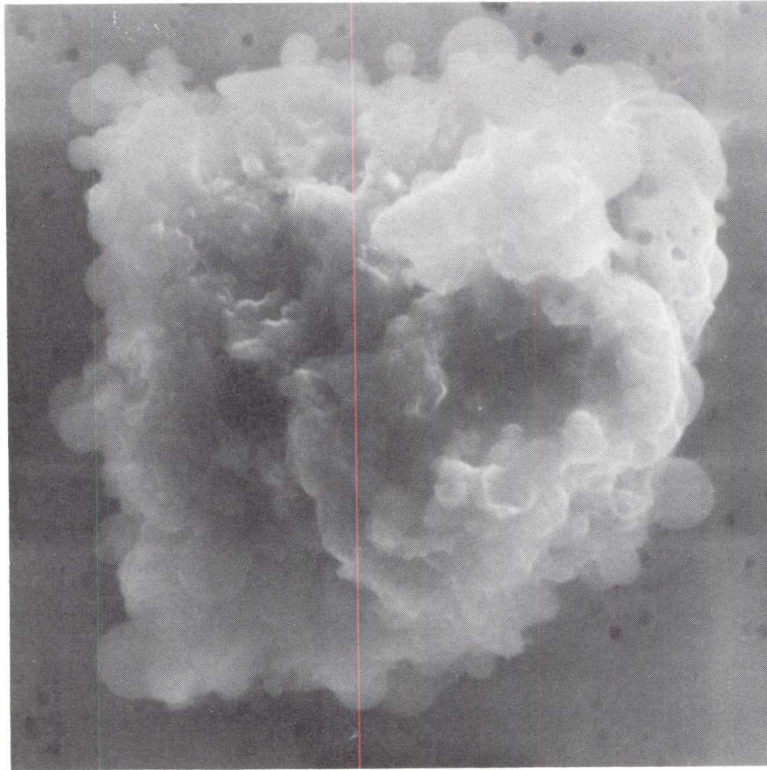


SIZE: 13  
SHAPE: I  
TRANS.: O/TL  
COLOR: Black  
LUSTER: D/SM  
TYPE: C  
COMMENTS:

S-91-32216

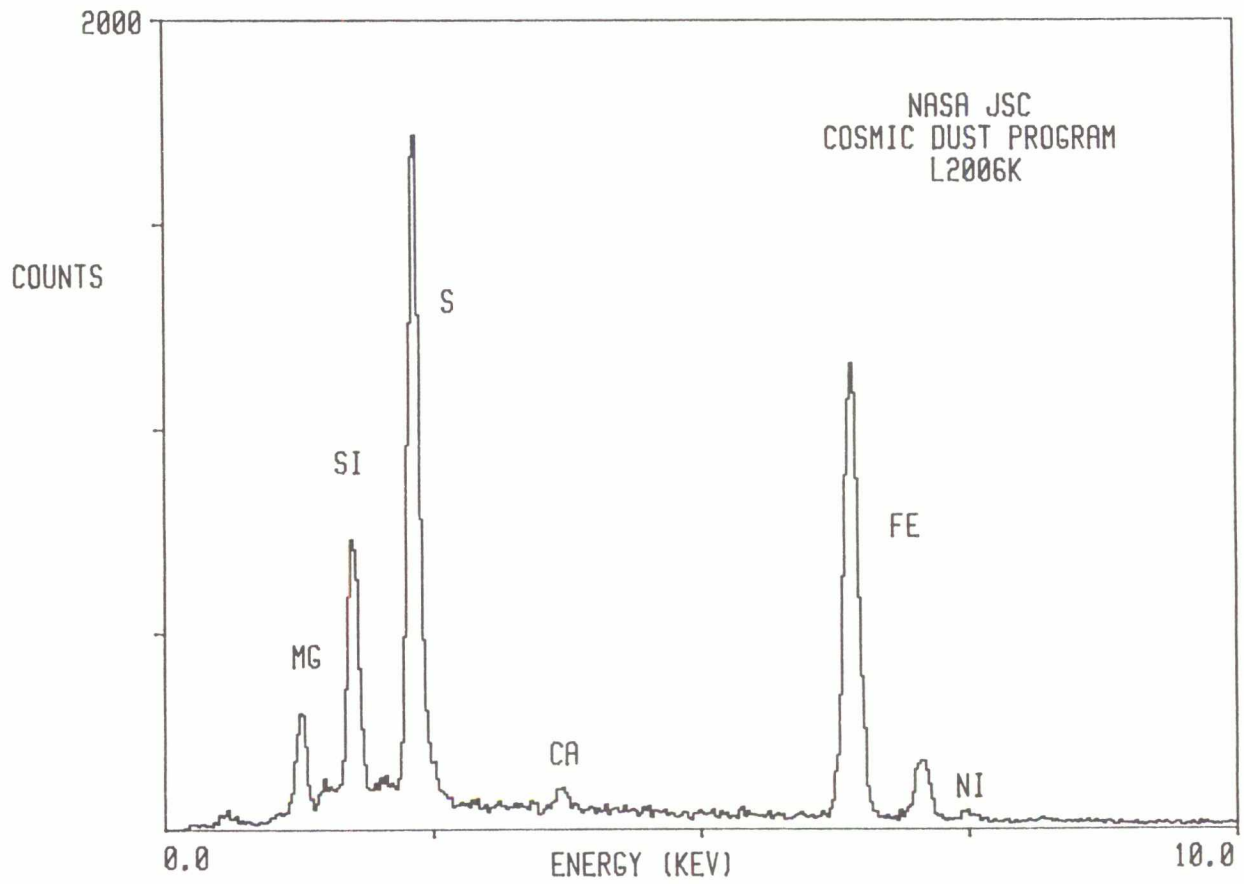


L2006 K 8

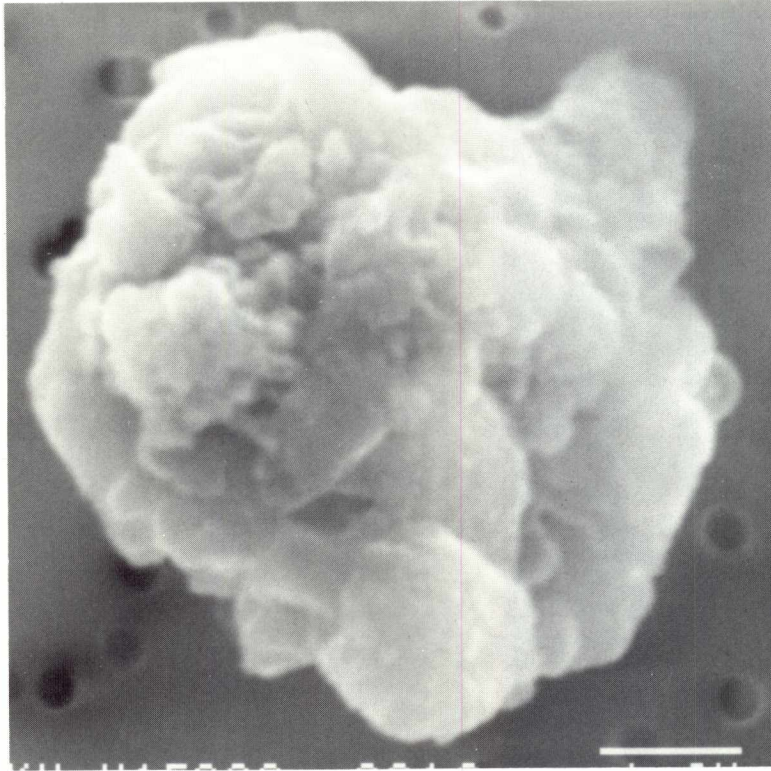


SIZE: 14  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM/D  
TYPE: C  
COMMENTS:

S-91-32217



L2006 K 9



SIZE: 16x10

SHAPE: I

TRANS.: O/TL

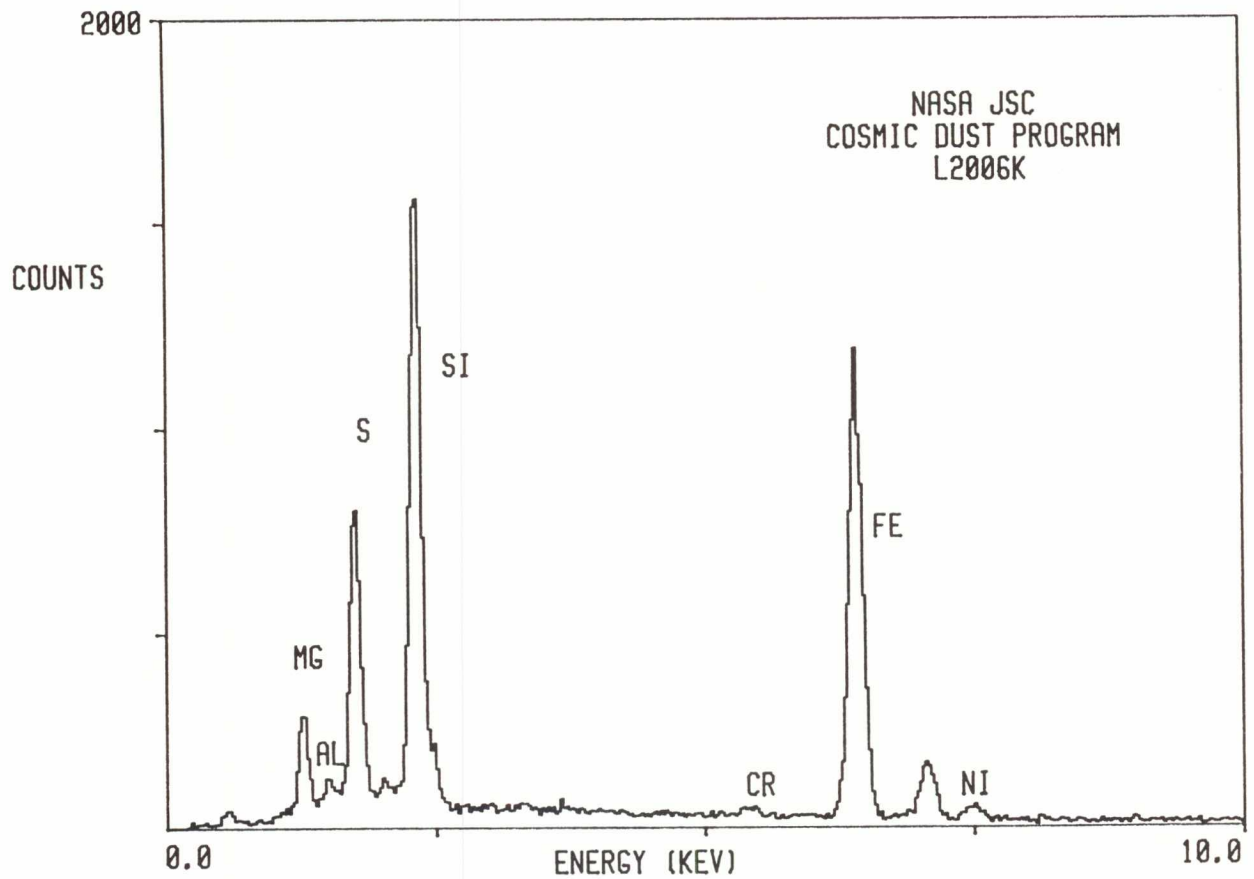
COLOR: Black

LUSTER: SM/D

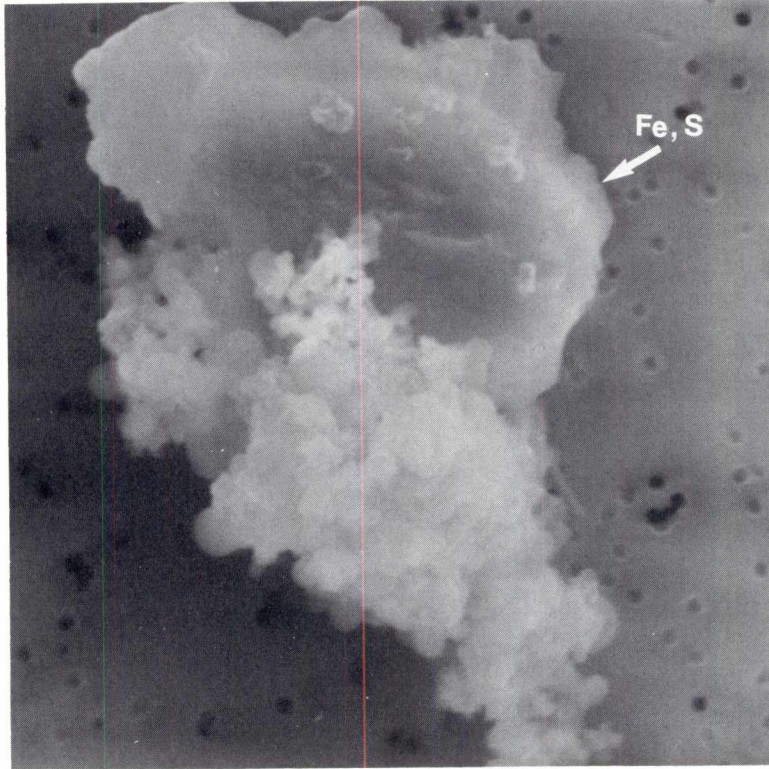
TYPE: C

COMMENTS:

S-91-32218

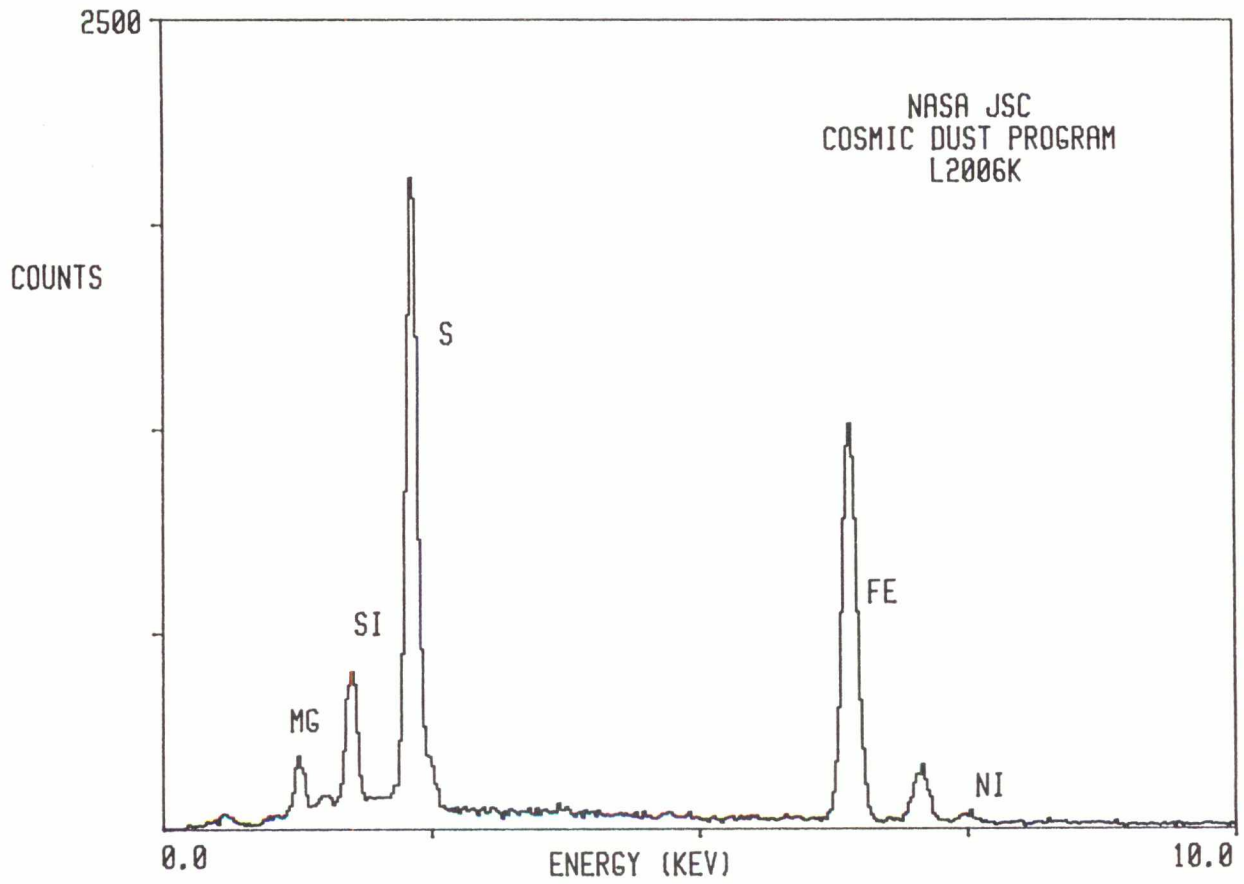


L2006 K 10



SIZE: 5  
SHAPE: I  
TRANS.: O/TL  
COLOR: Black  
LUSTER: SM/D  
TYPE: C  
COMMENTS:

S-91-32219

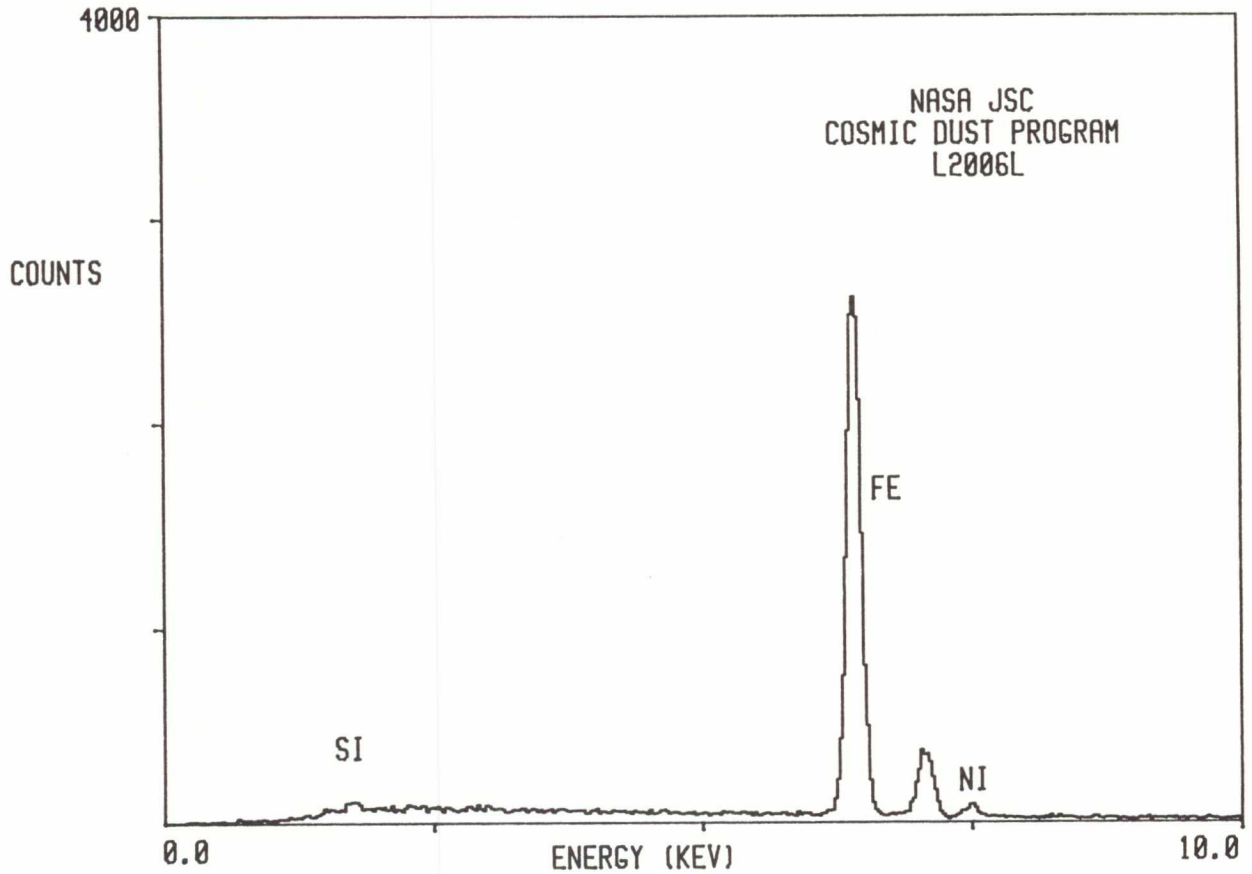


L2006 L 1



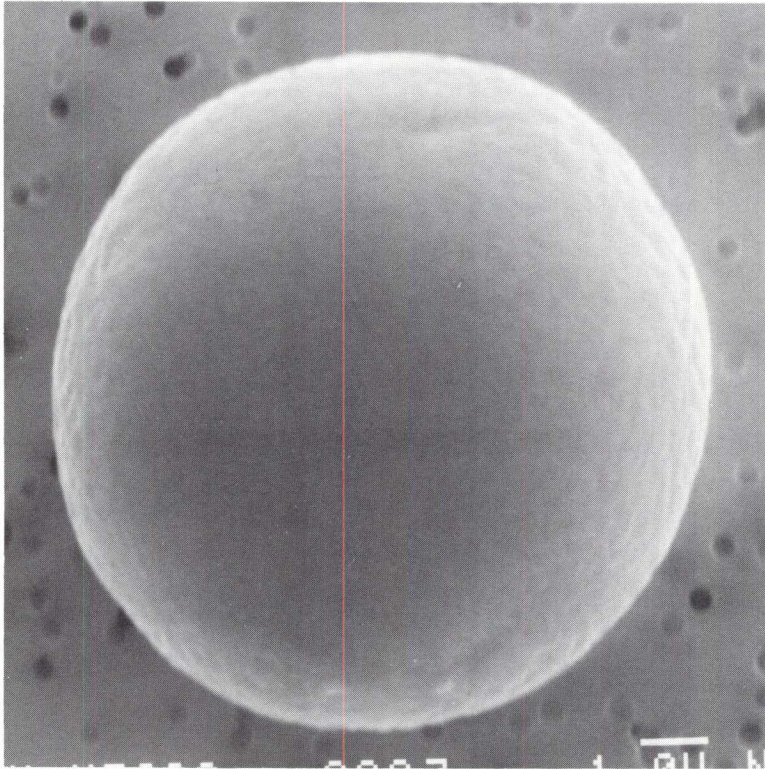
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SHAPE: I/E  
TRANS.: O  
COLOR: Black  
LUSTER: SM  
TYPE: C?  
COMMENTS:

S-91-32238



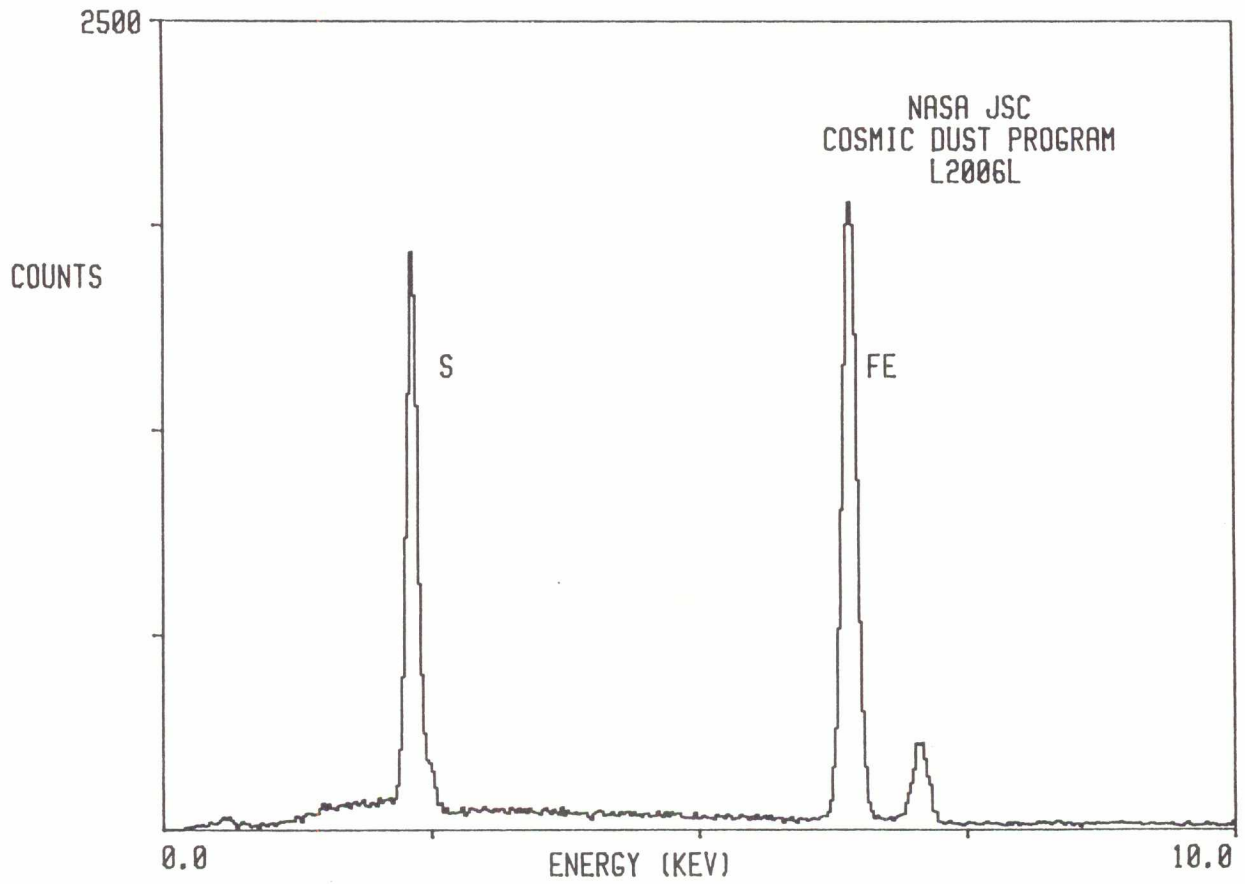


L2006 L 3

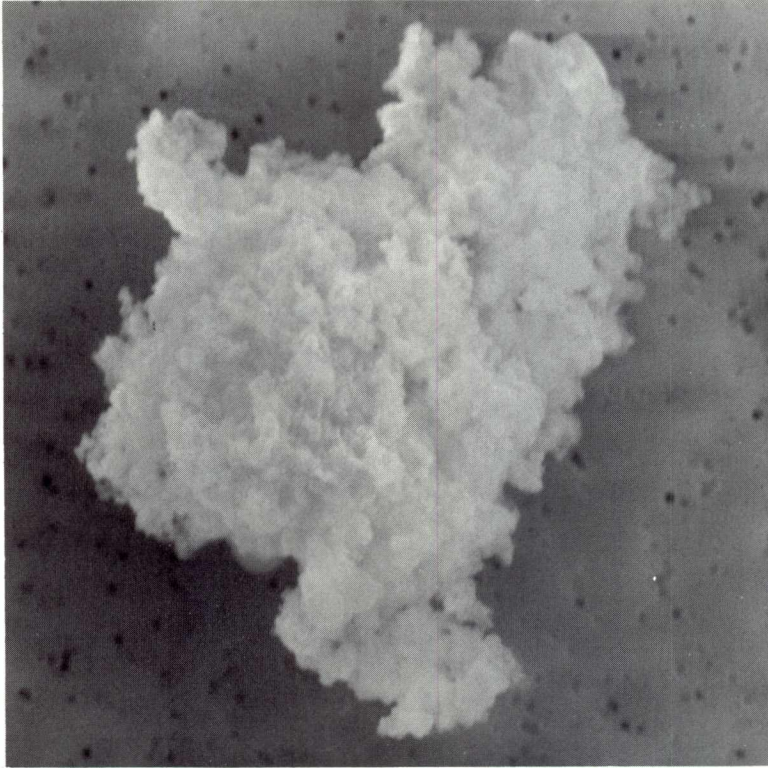


SIZE: 9  
SHAPE: S  
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COLOR: Brown  
LUSTER: SM  
TYPE: C?  
COMMENTS:

S-91-32240

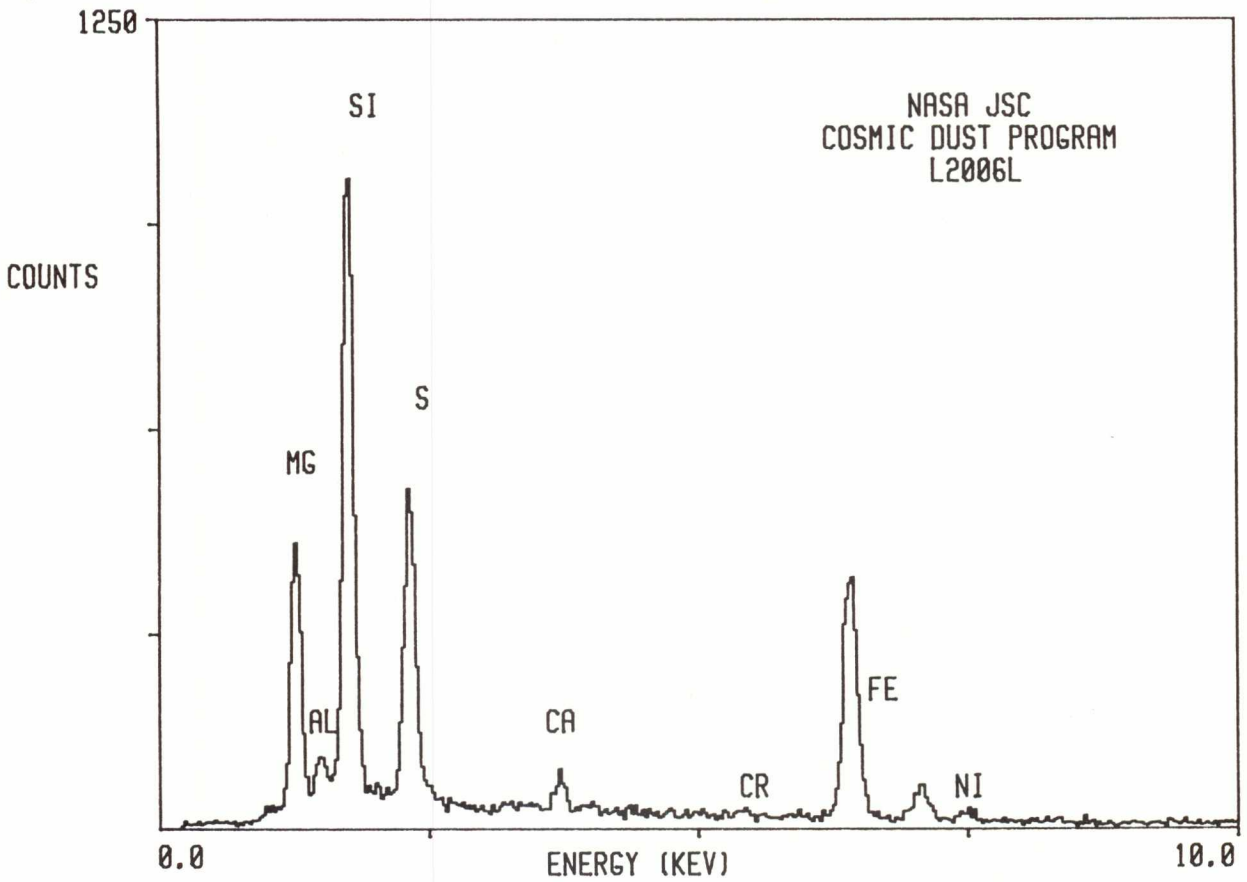


L2006 L 4

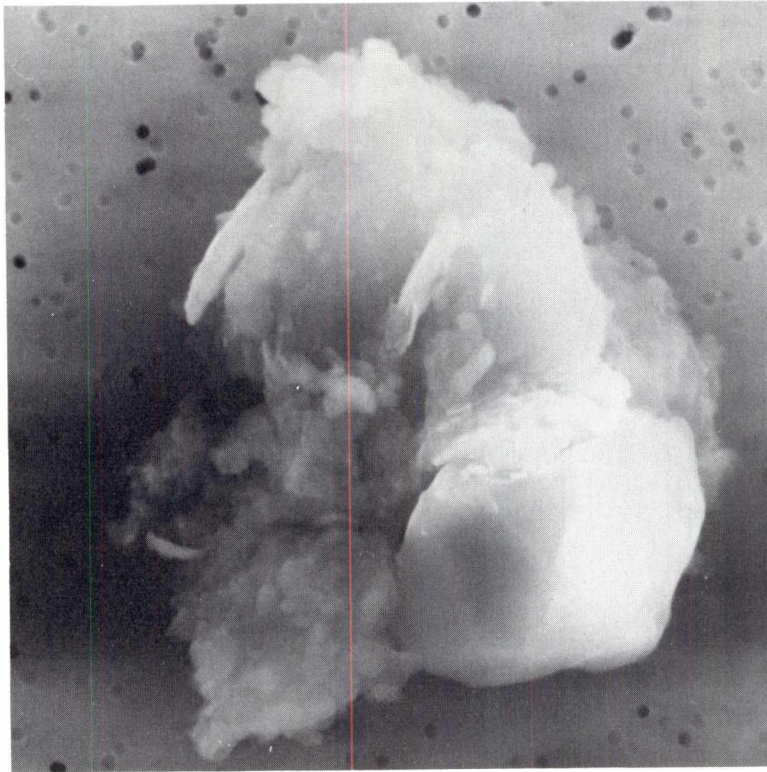


SIZE: 25x18  
SHAPE: I  
TRANS.: O/TL  
COLOR: Black  
LUSTER: SM/SV  
TYPE: C  
COMMENTS:

S-91-32241

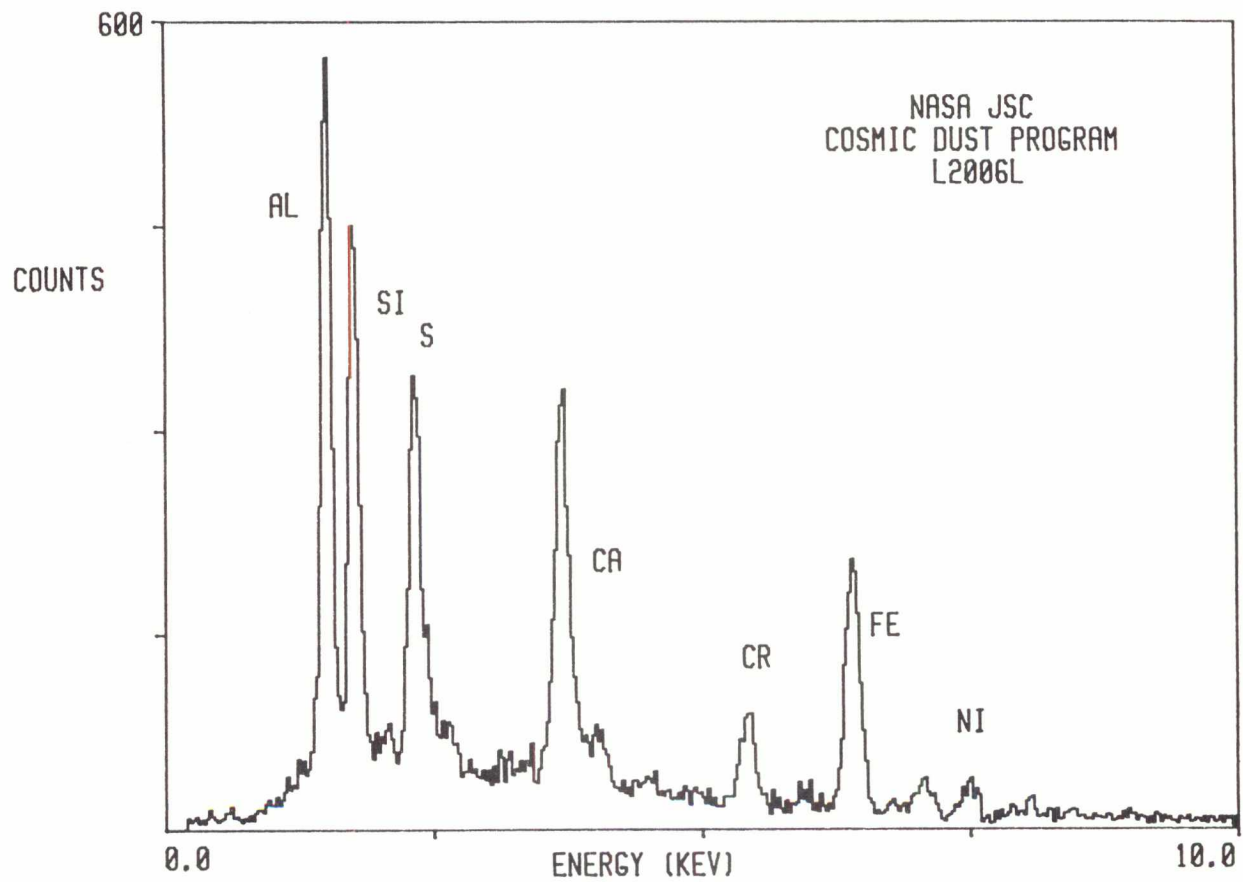


L2006 L 8

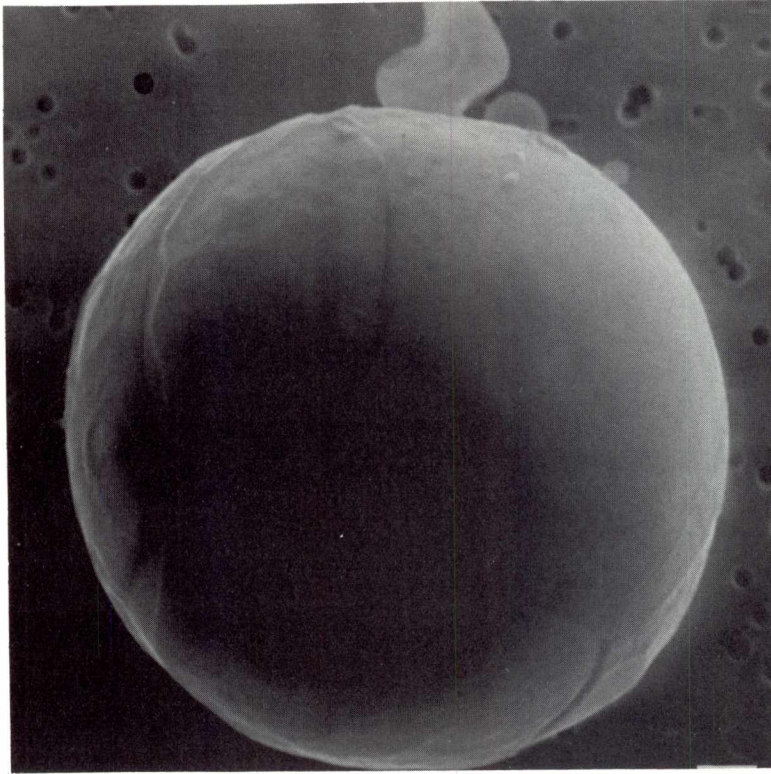


SIZE: 15  
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TRANS.: O/TL  
COLOR: Brown  
LUSTER: SM/D  
TYPE: C?  
COMMENTS:

S-91-32245

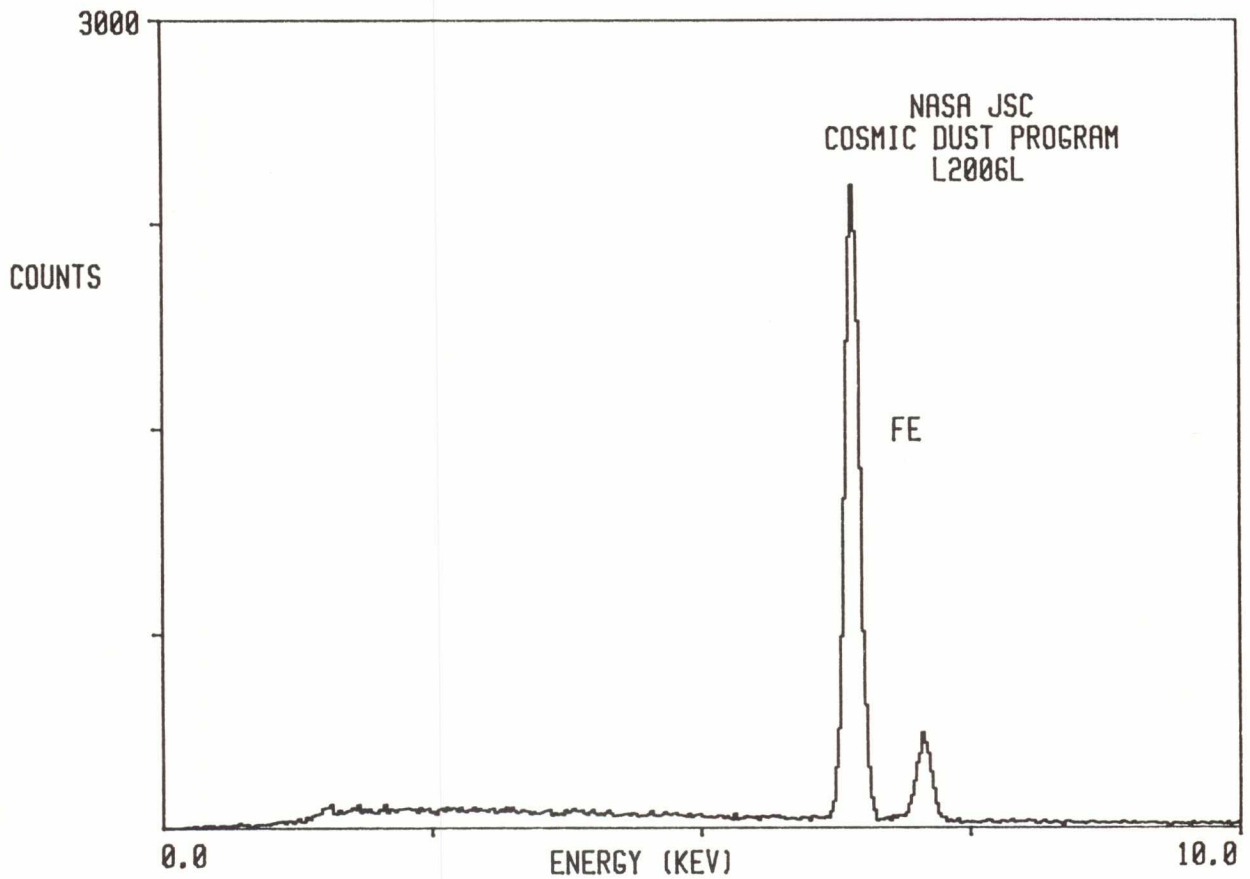


L2006 L 9

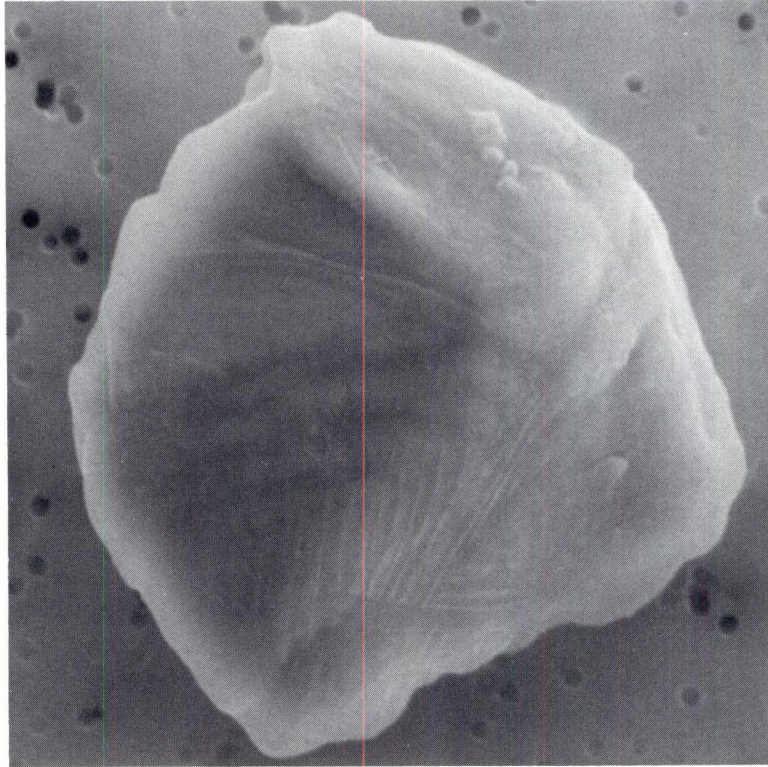


SIZE: 11  
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COLOR: Black  
LUSTER: SM  
TYPE: C?  
COMMENTS:

S-91-32246

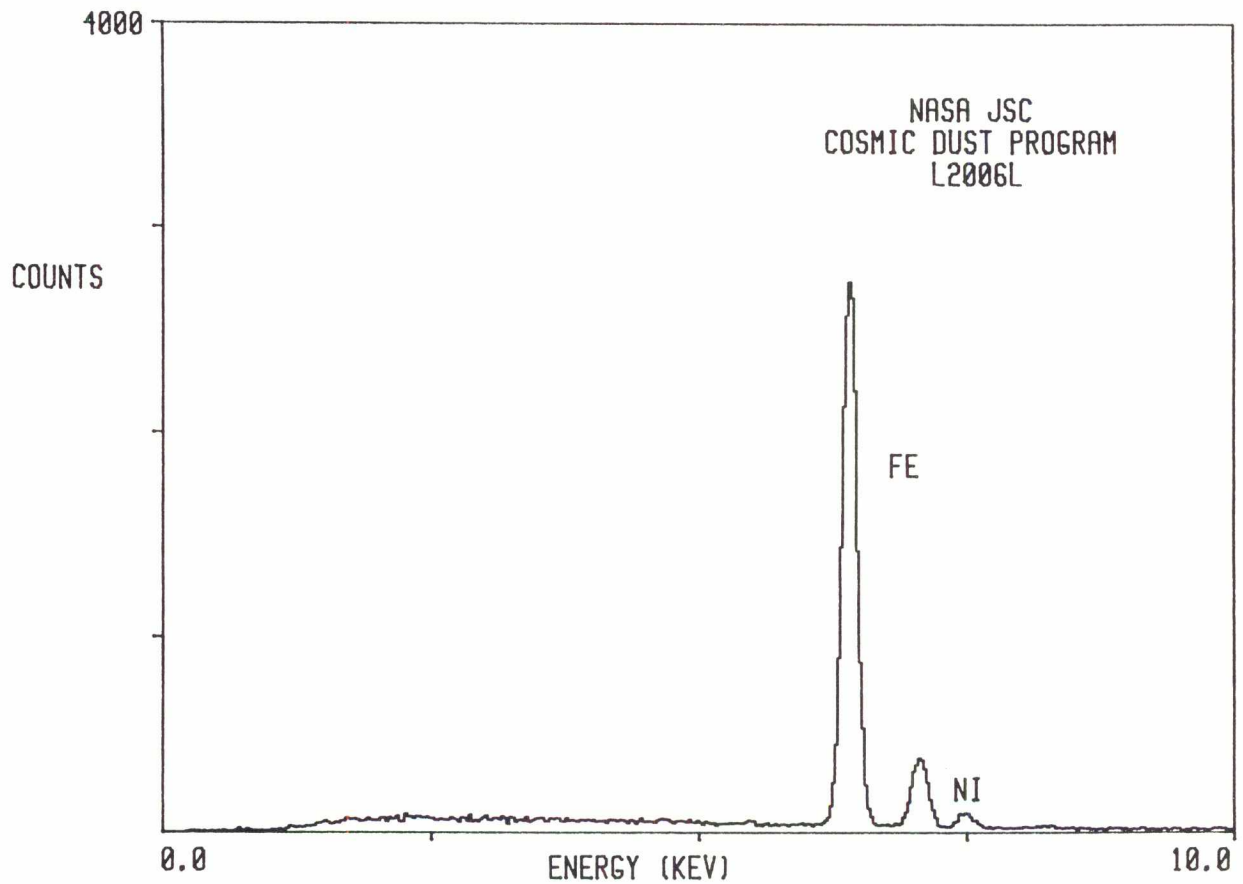


L2006 L 11

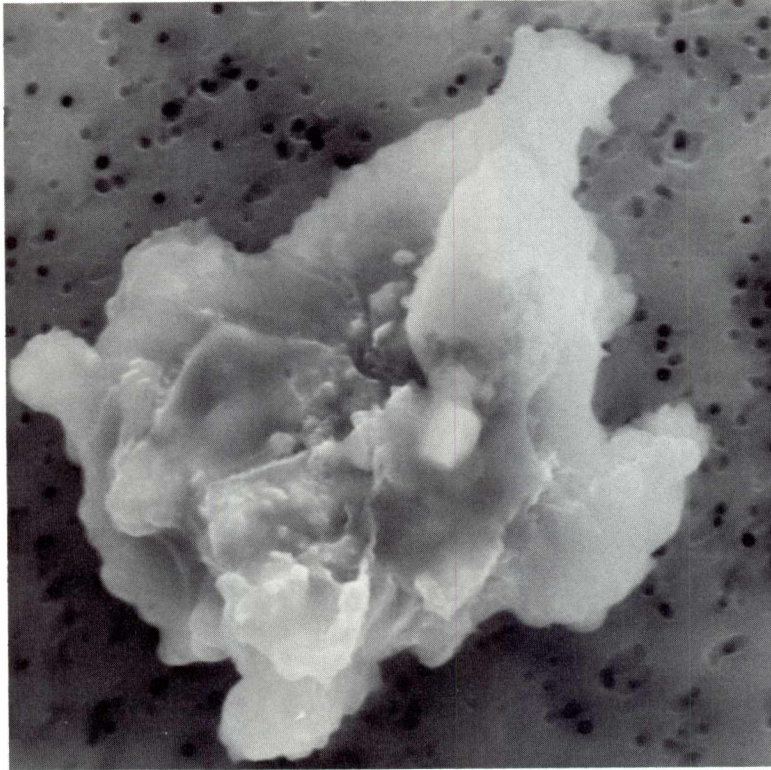


SIZE: 13  
SHAPE: E  
TRANS.: O  
COLOR: Black  
LUSTER: SM  
TYPE: C?  
COMMENTS:

S-91-32248

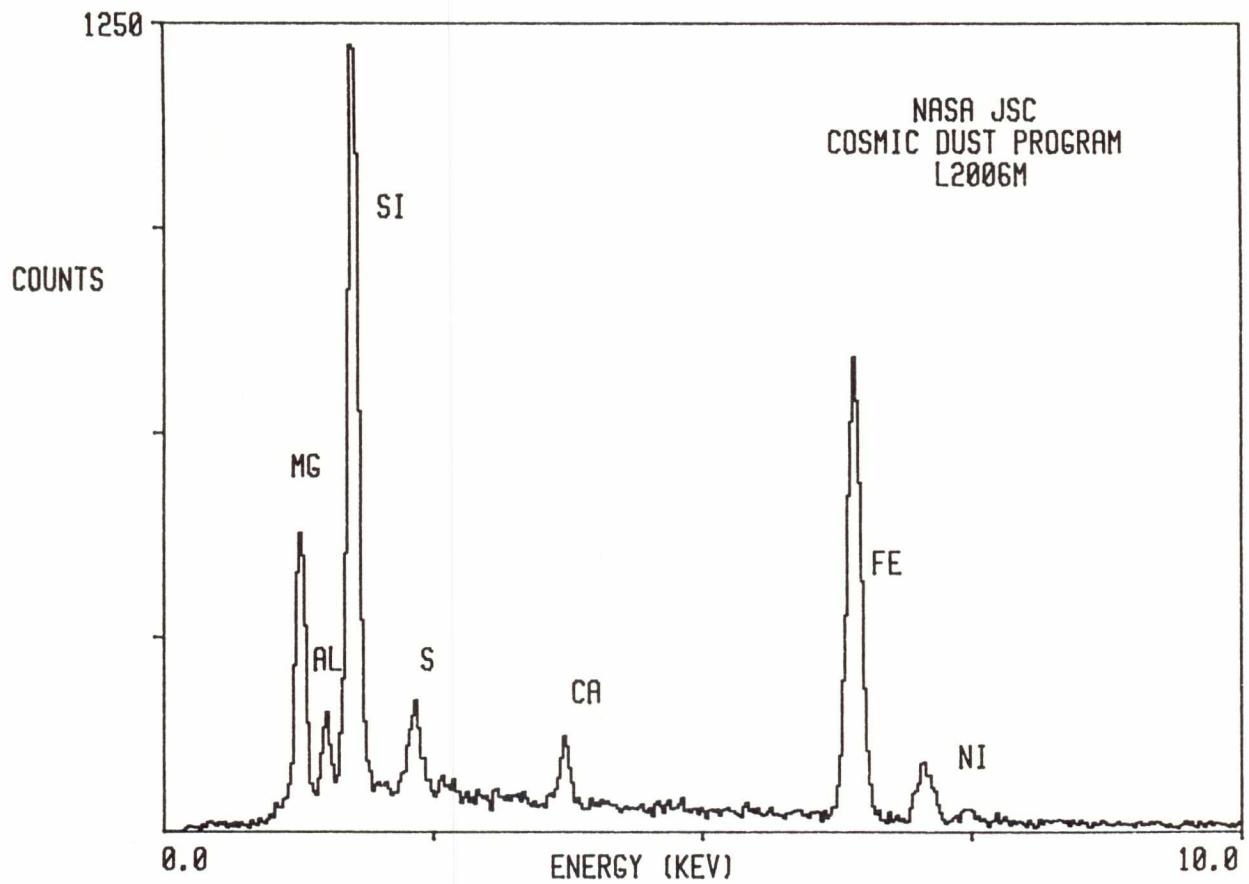


L2006 M 1

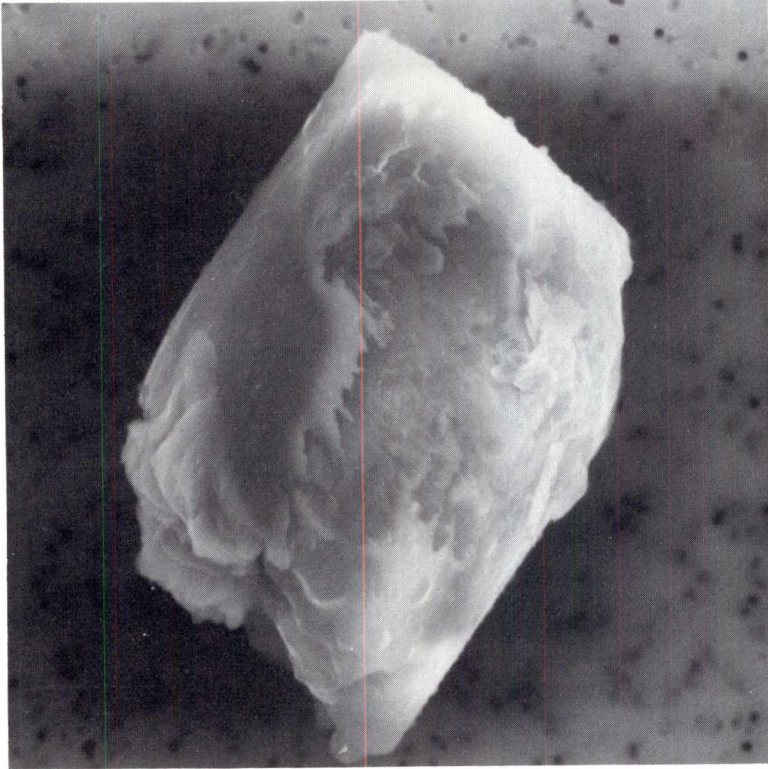


SIZE: 19x13  
SHAPE: I  
TRANS.: O/TL  
COLOR: Black  
LUSTER: SM/D  
TYPE: C  
COMMENTS:

S-91-32194

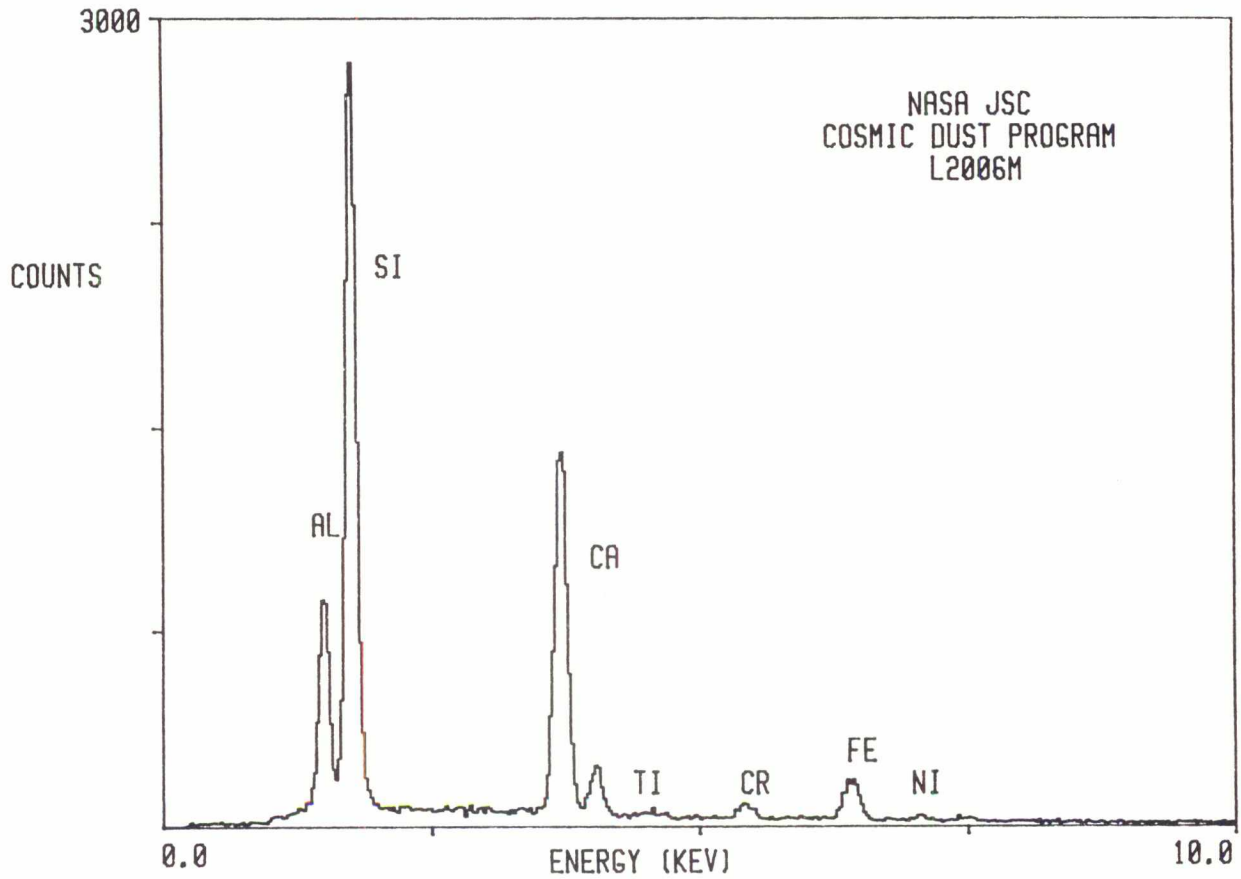


L2006 M 5

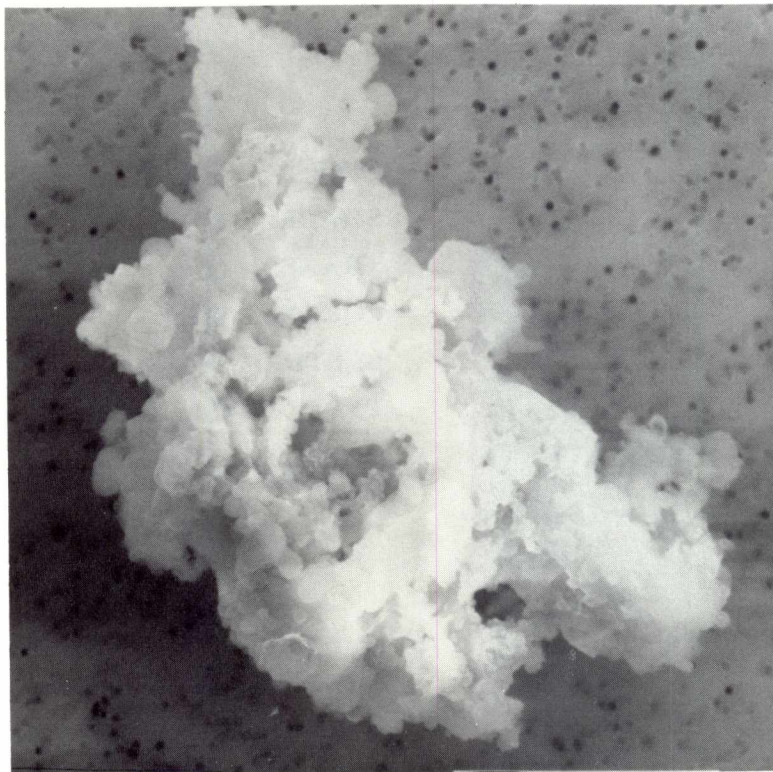


SIZE: 22x15  
SHAPE: E  
TRANS.: TL  
COLOR: Brown  
LUSTER: V  
TYPE: C?  
COMMENTS:

S-91-32198

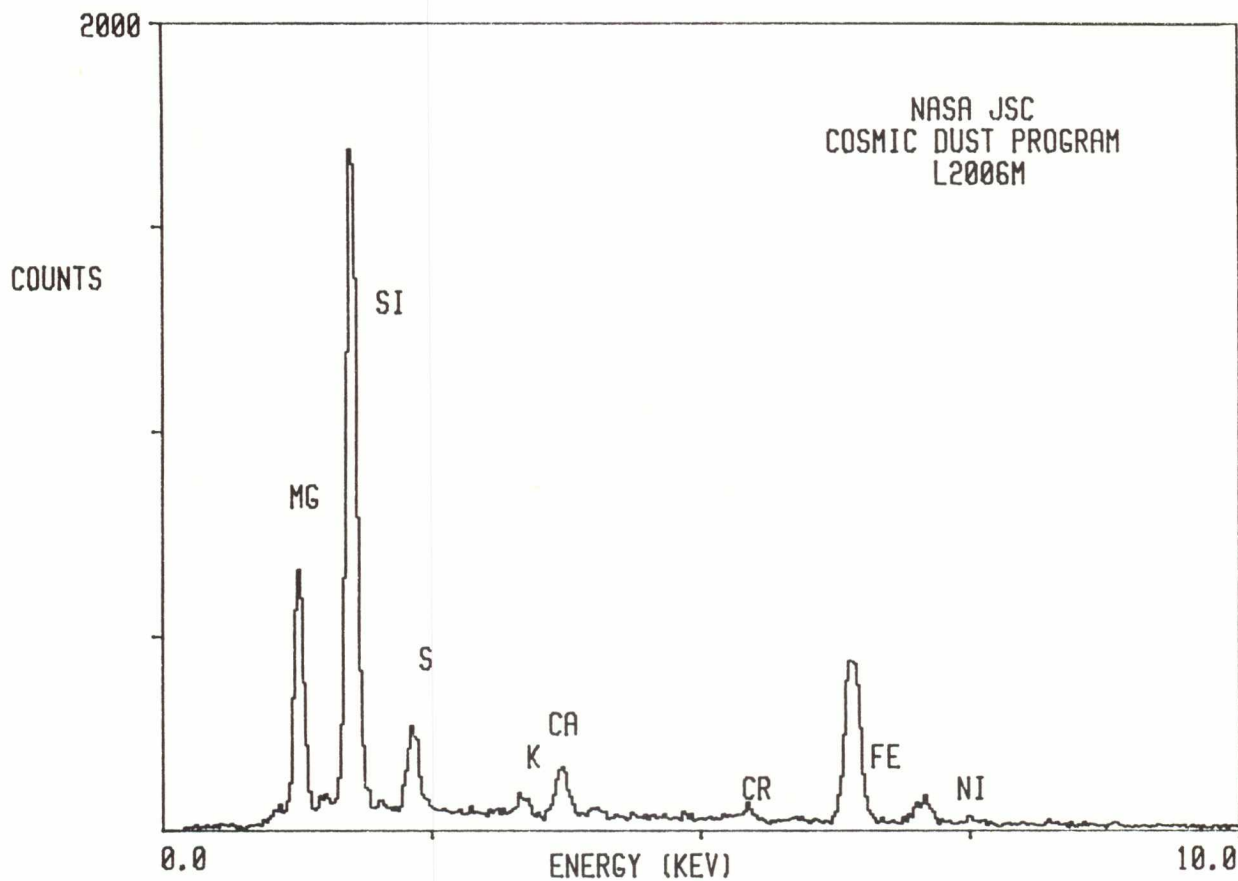


L2006 M 12



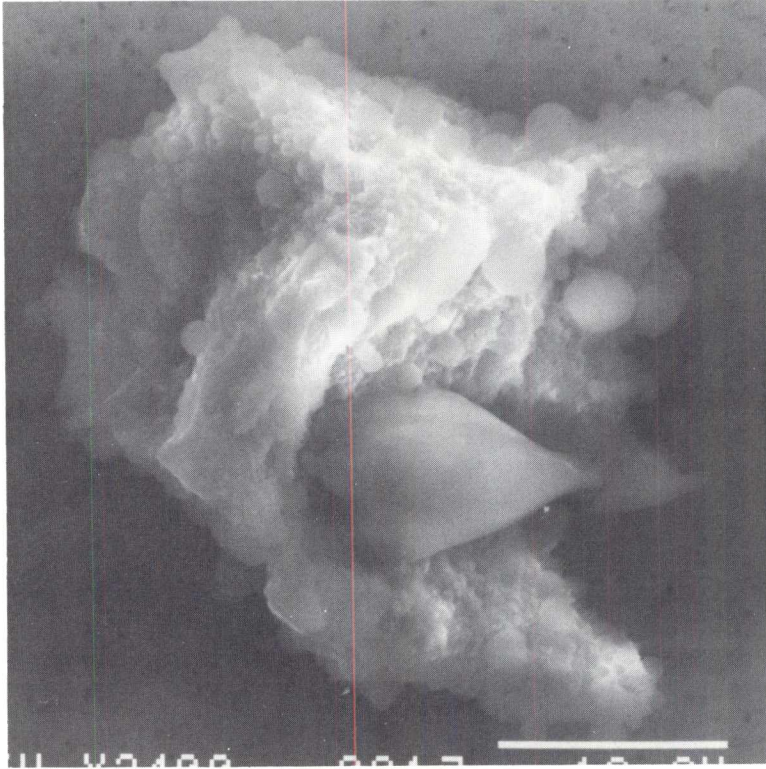
SIZE: 30x18  
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TRANS.: O/TL  
COLOR: Black  
LUSTER: SM/D  
TYPE: C?  
COMMENTS:

S-91-32205



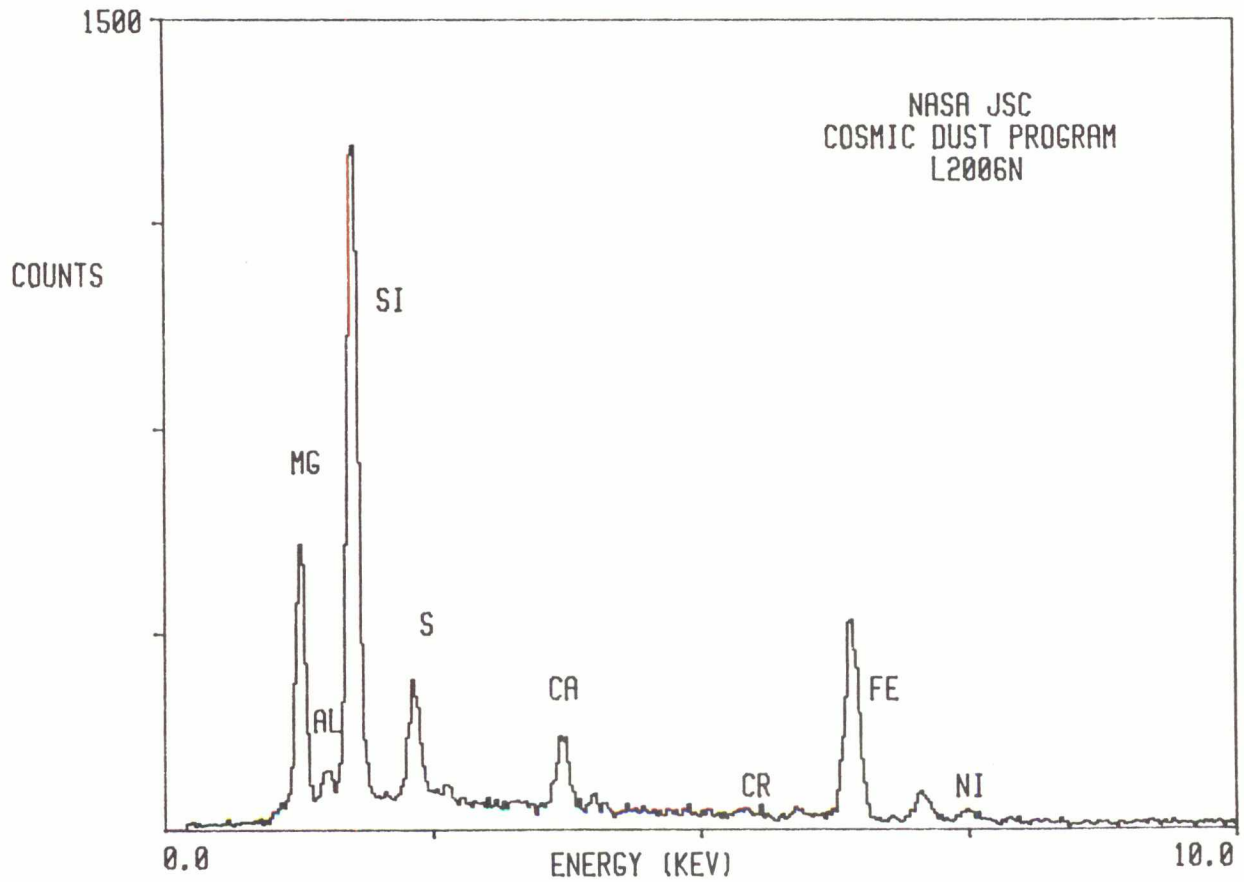


L2006 N 1

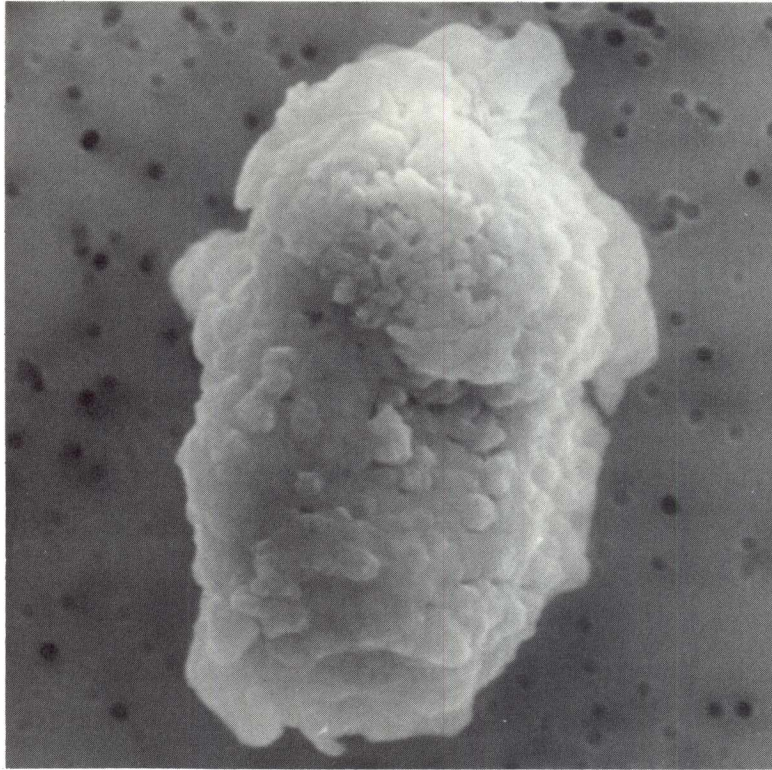


SIZE: 37x35  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SV/SM  
TYPE: C  
COMMENTS:

S-91-32221

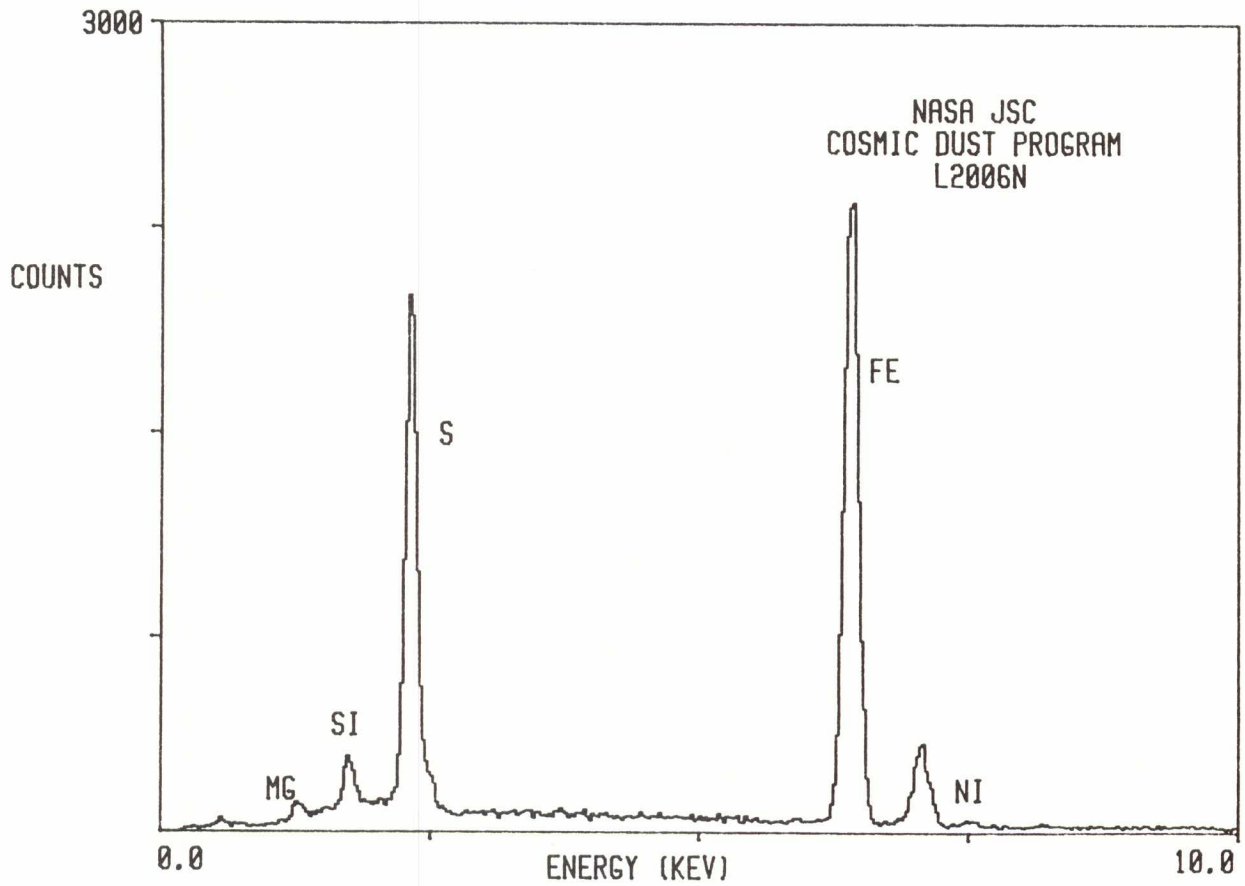


L2006 N 2

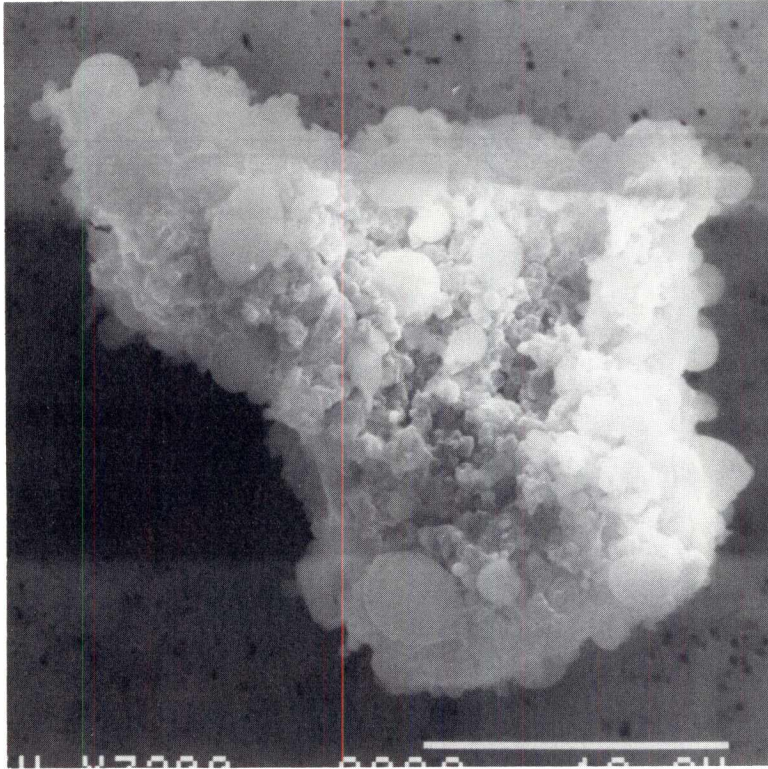


SIZE: 12x8  
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TRANS.: O  
COLOR: Black  
LUSTER: SV/SM  
TYPE: C?  
COMMENTS:

S-91-32222

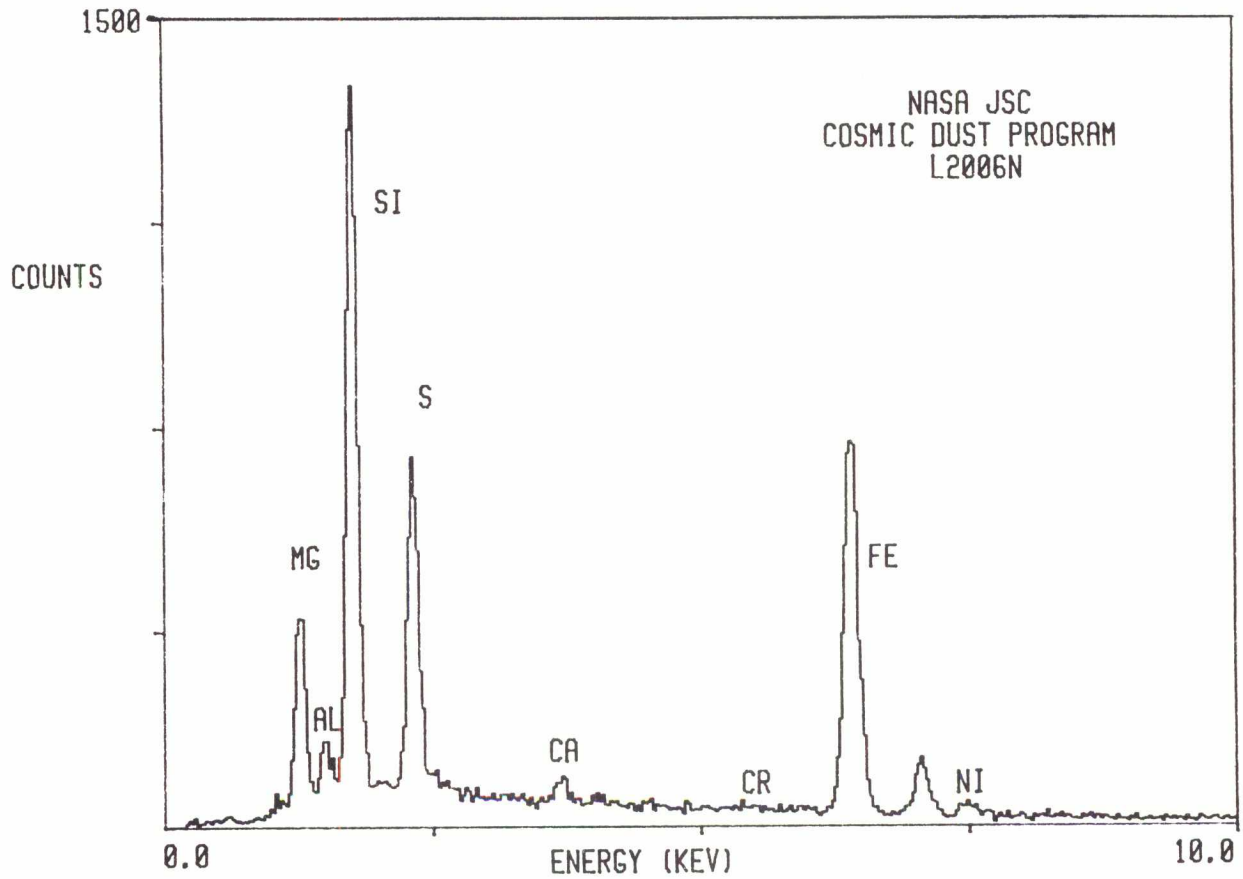


L2006 N 4

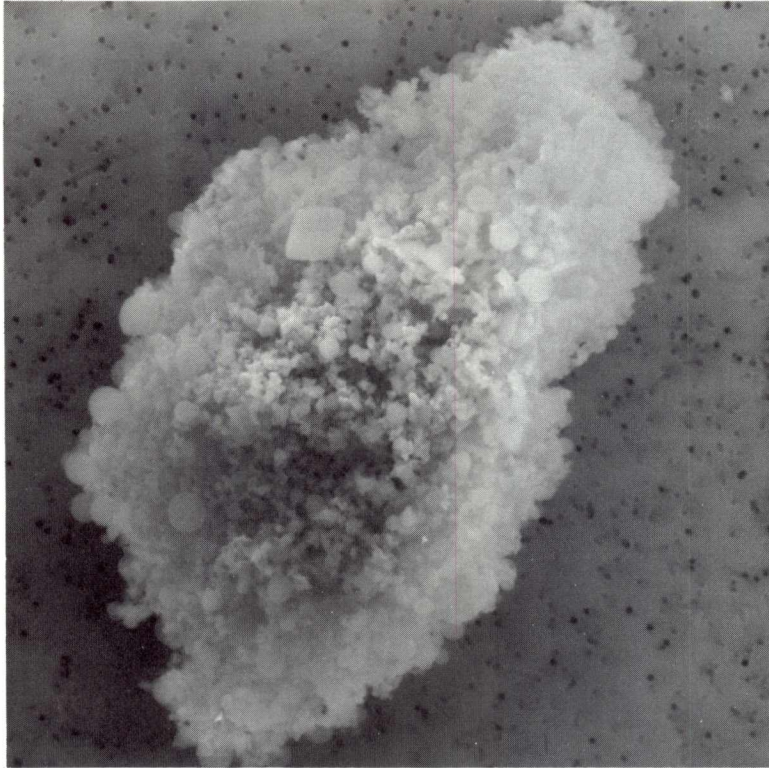


SIZE: 28x20  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SV/D  
TYPE: C  
COMMENTS:

S-91-32224

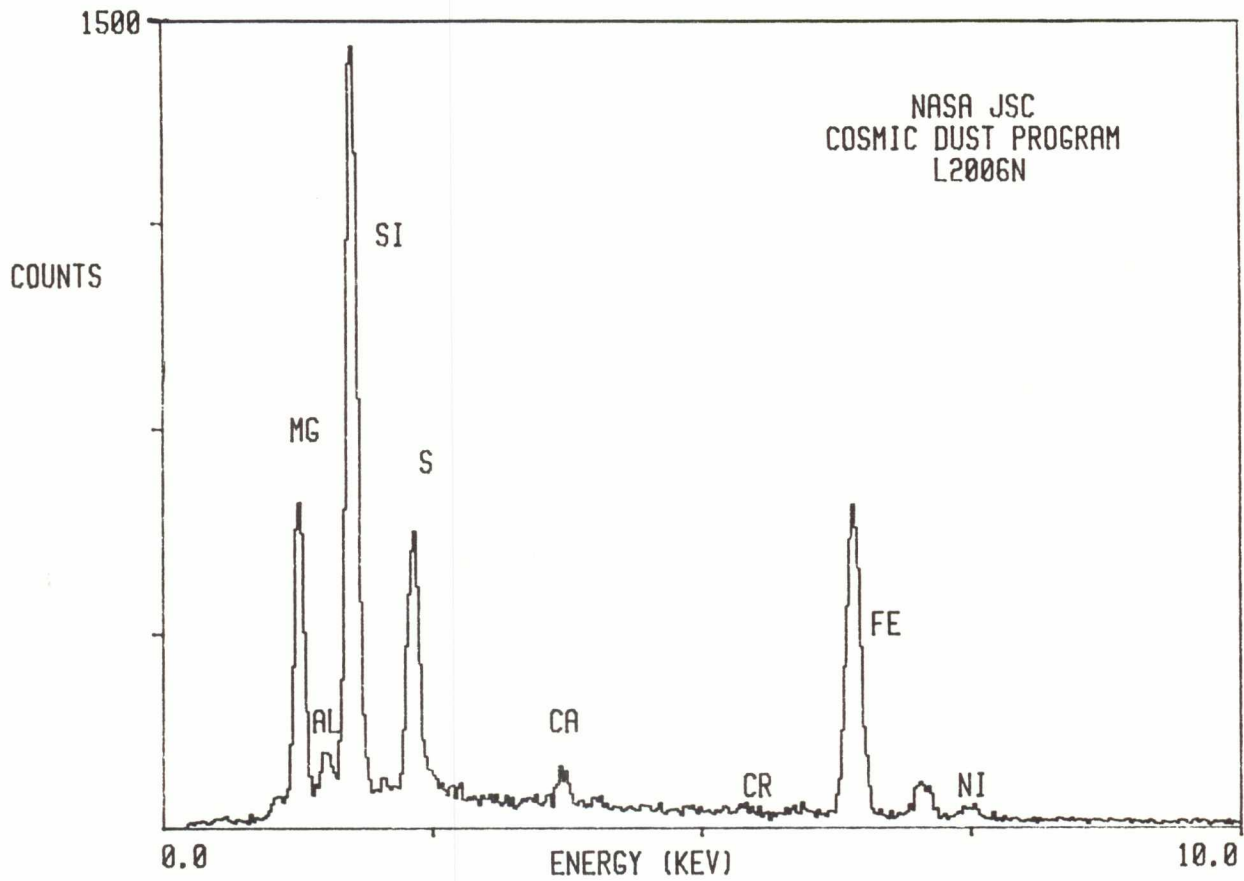


L2006 N 5



SIZE: 40x20  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SV/SM  
TYPE: C  
COMMENTS:

S-91-32225

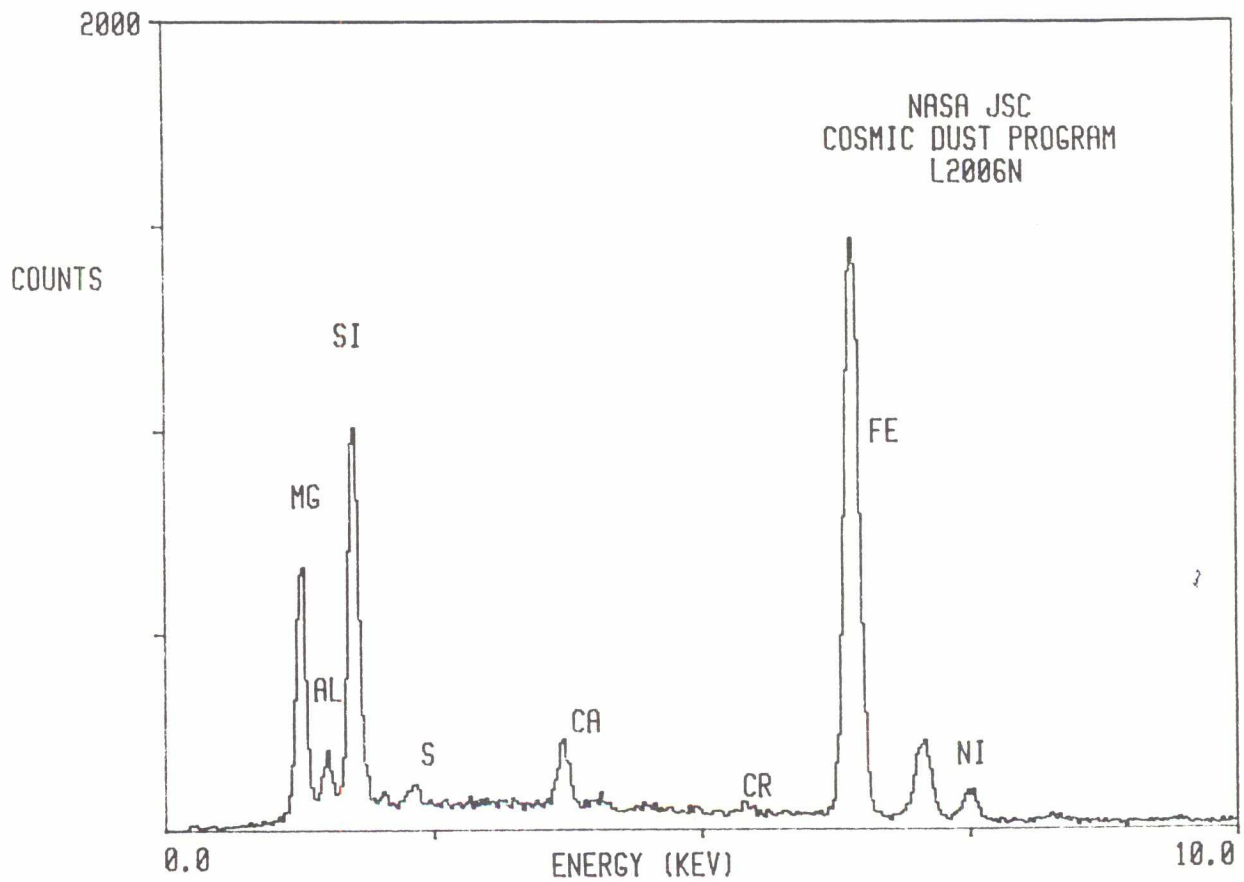


L2006 N 6

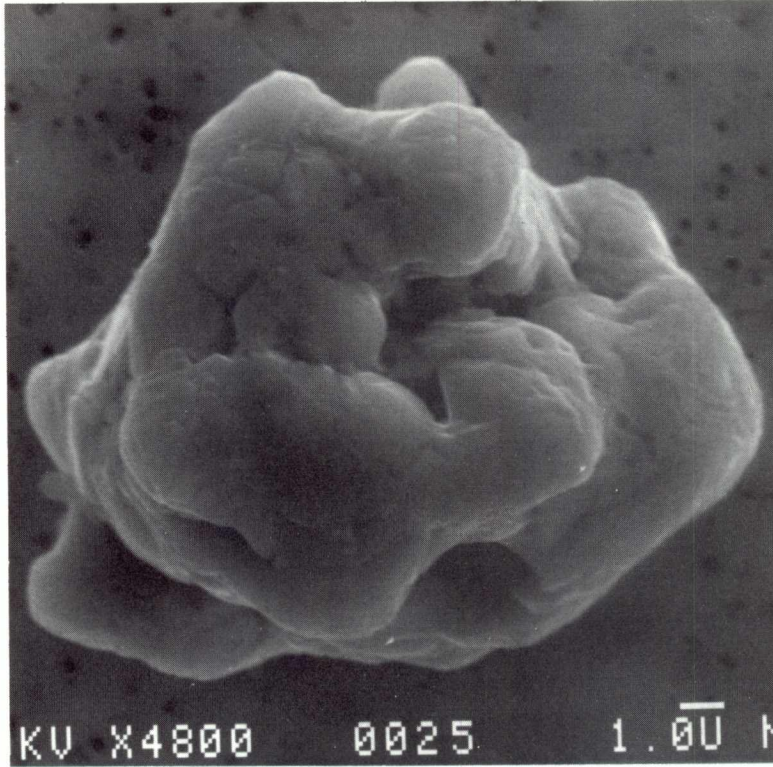


SIZE: 15  
SHAPE: S/E  
TRANS.: O  
COLOR: Black  
LUSTER: SV/SM  
TYPE: C?  
COMMENTS:

S-91-32226

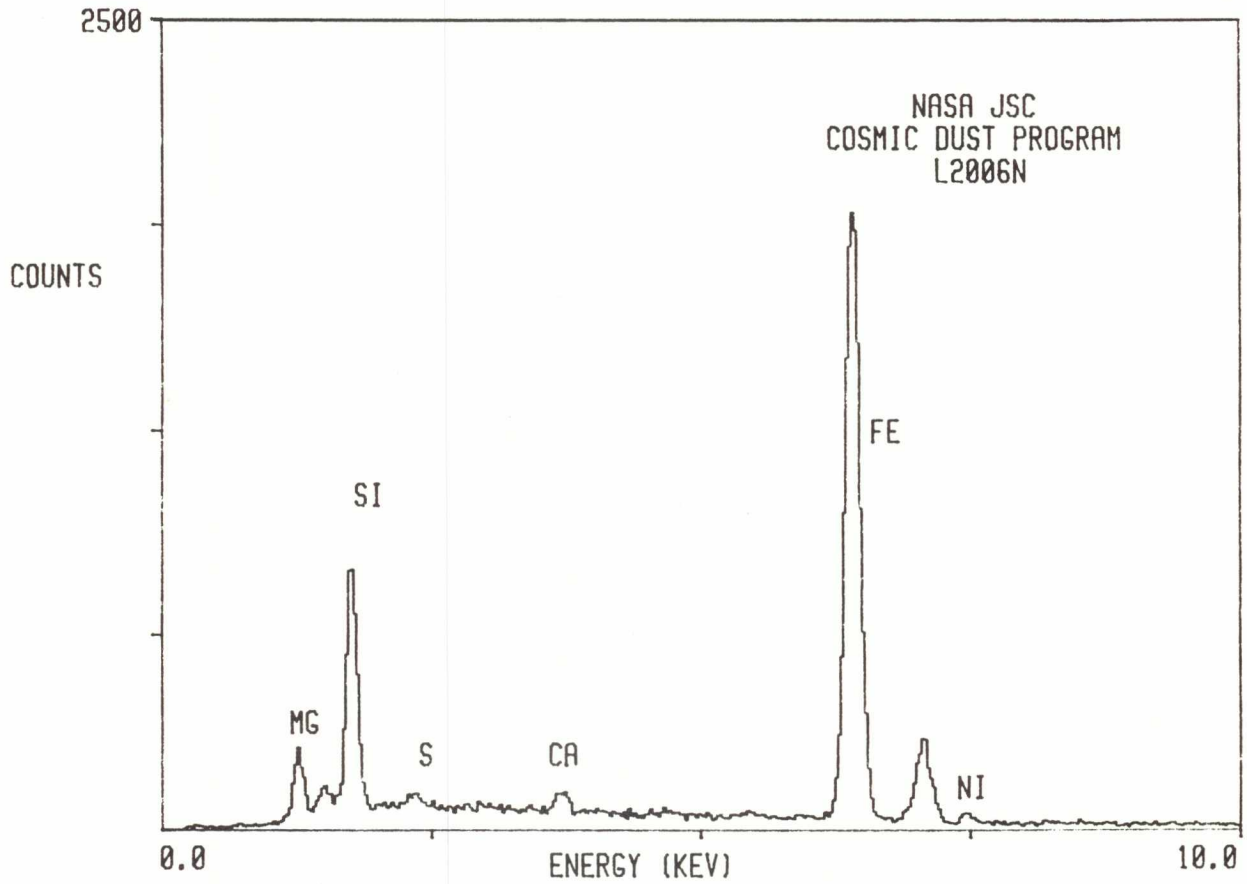


L2006 N 8

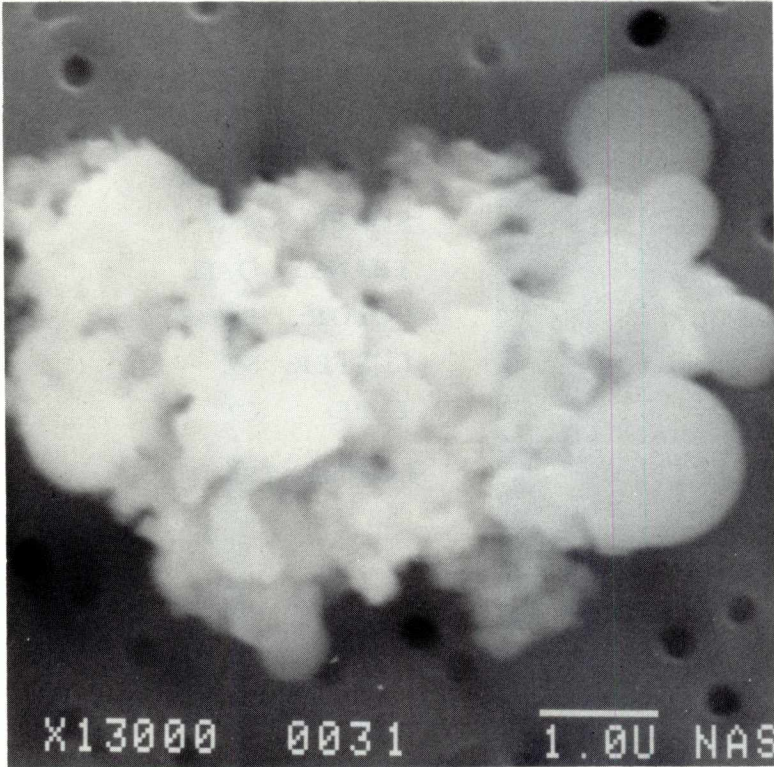


SIZE: 17x13  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: C?  
COMMENTS:

S-91-32228

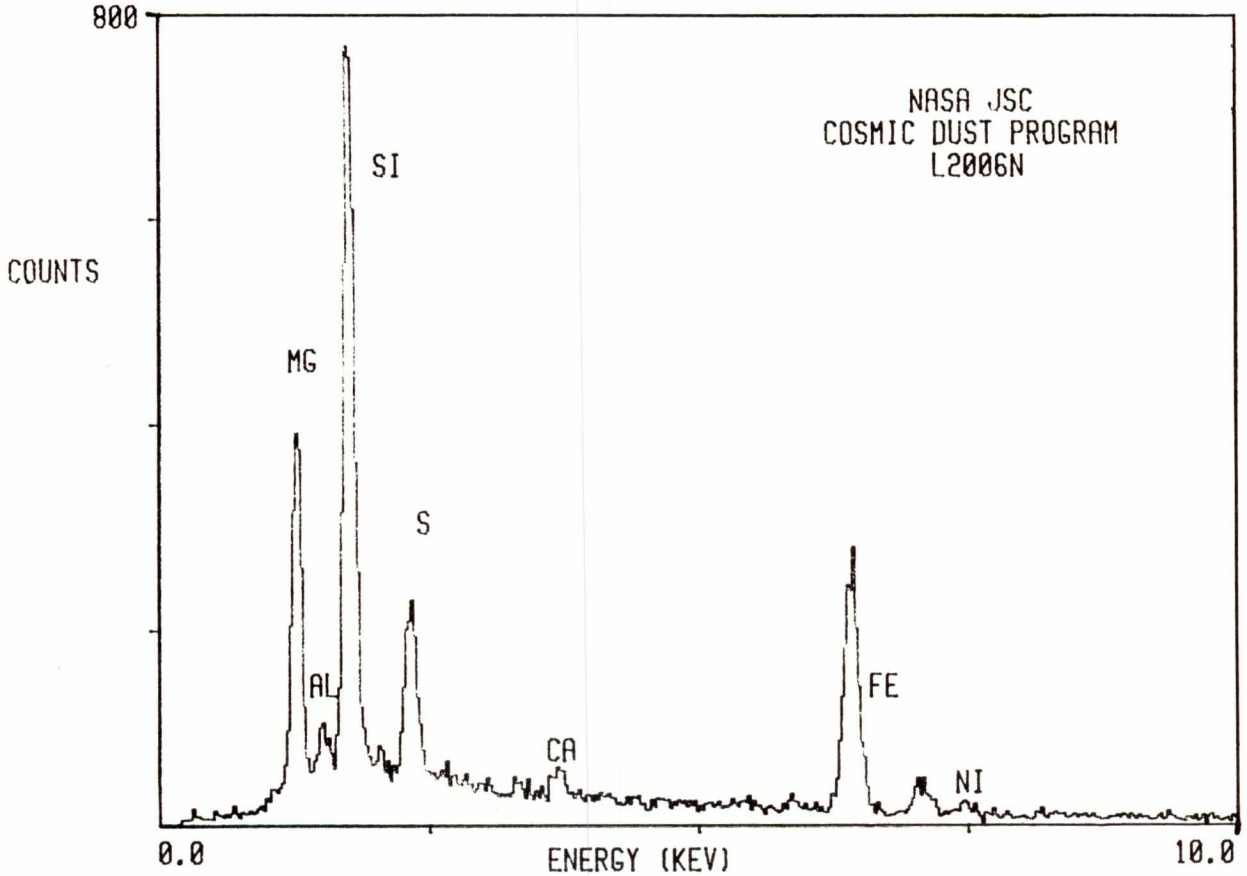


L2006 N 13

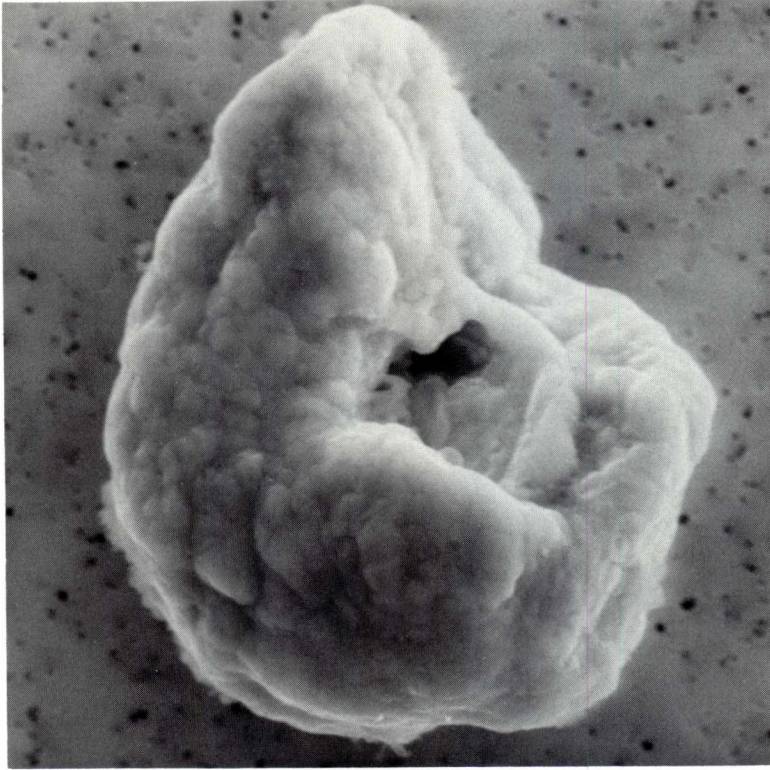


SIZE: 7x5  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown to Black  
LUSTER: SV/D  
TYPE: C  
COMMENTS:

S-91-32233

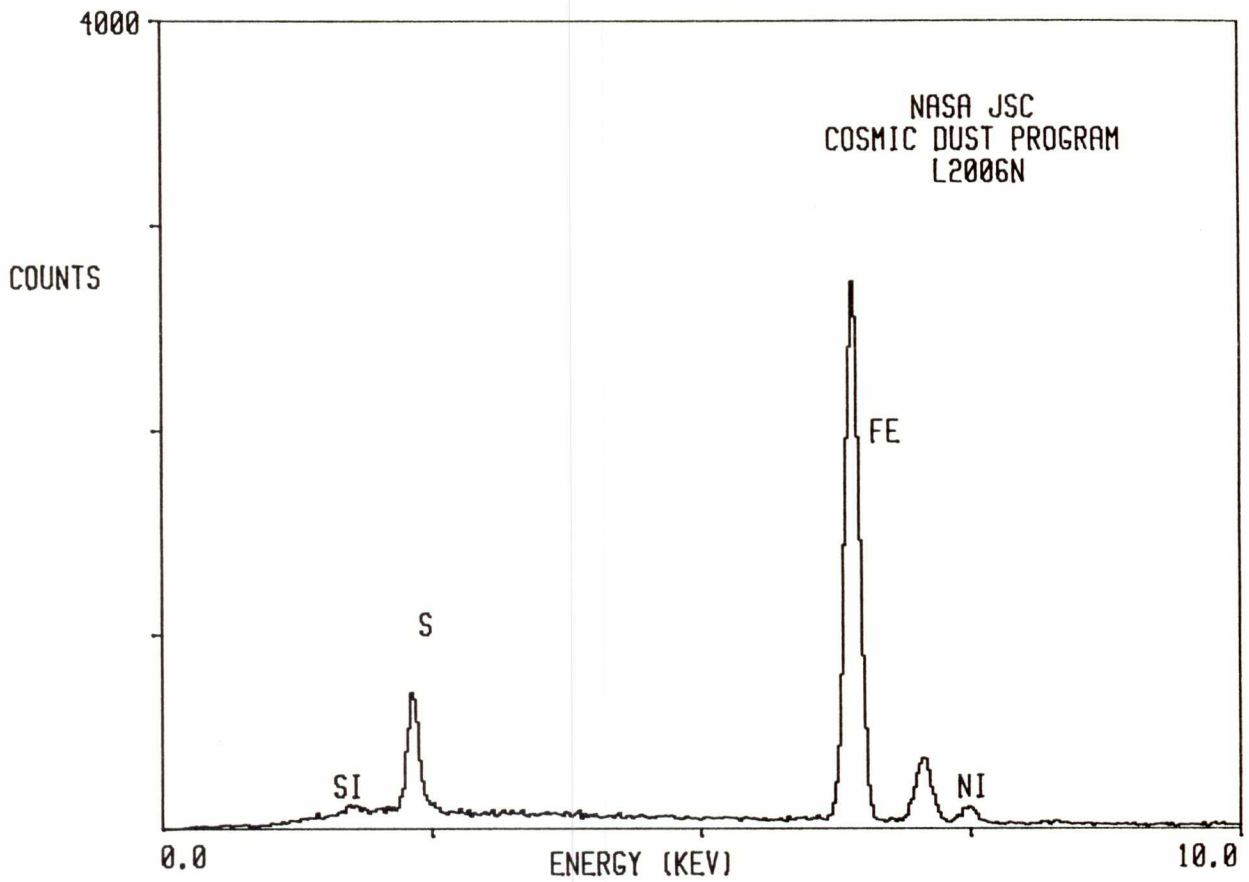


L2006 N 16



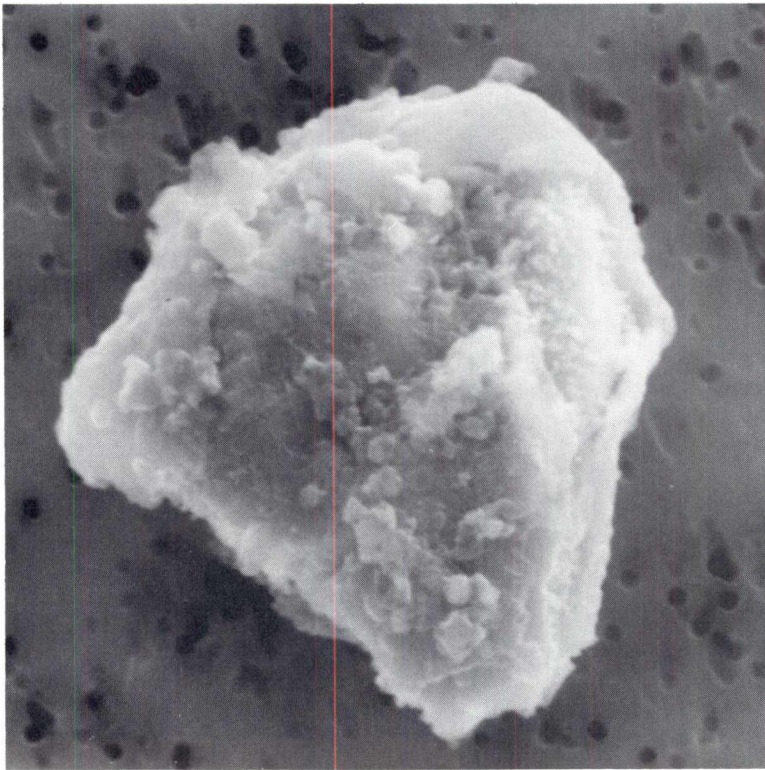
**SIZE:** 23x19  
**SHAPE:** E/S  
**TRANS.:** O  
**COLOR:** Gold to Black  
**LUSTER:** SM/SV  
**TYPE:** C?  
**COMMENTS:**

S-91-32236



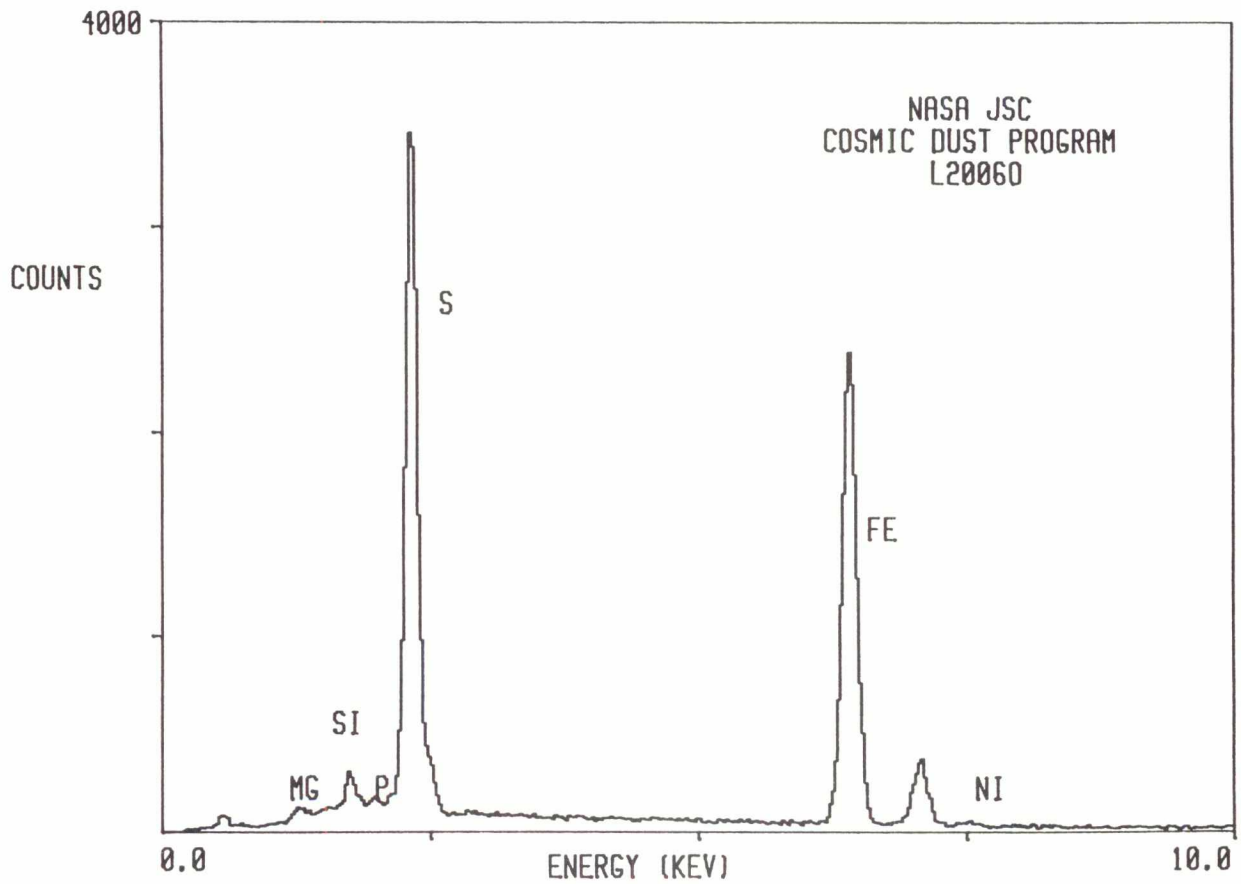


L2006 O 2

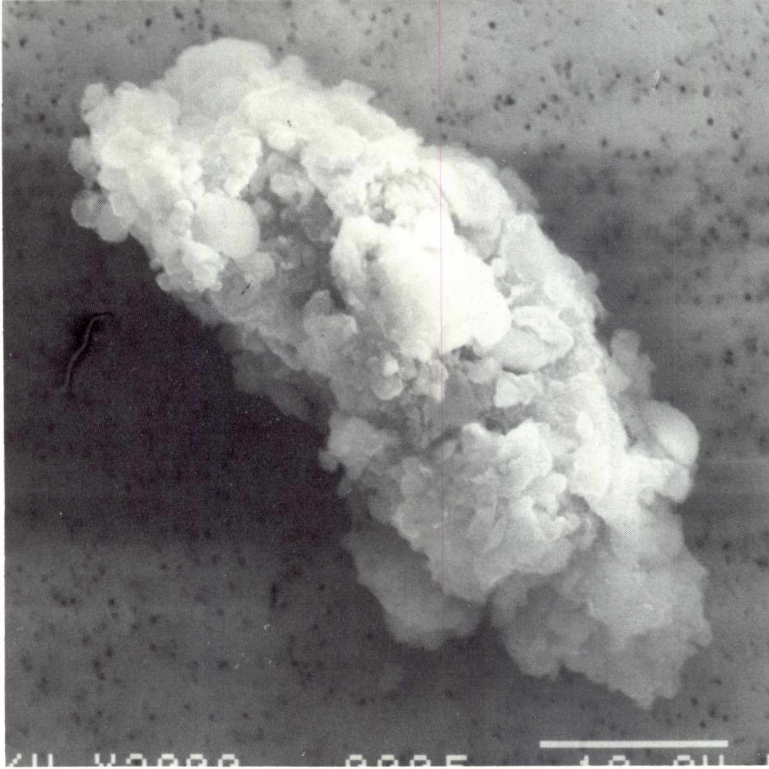


SIZE: 12  
SHAPE: I/E  
TRANS.: O  
COLOR: Gold to Brown  
LUSTER: SM  
TYPE: C?  
COMMENTS:

S-91-32272

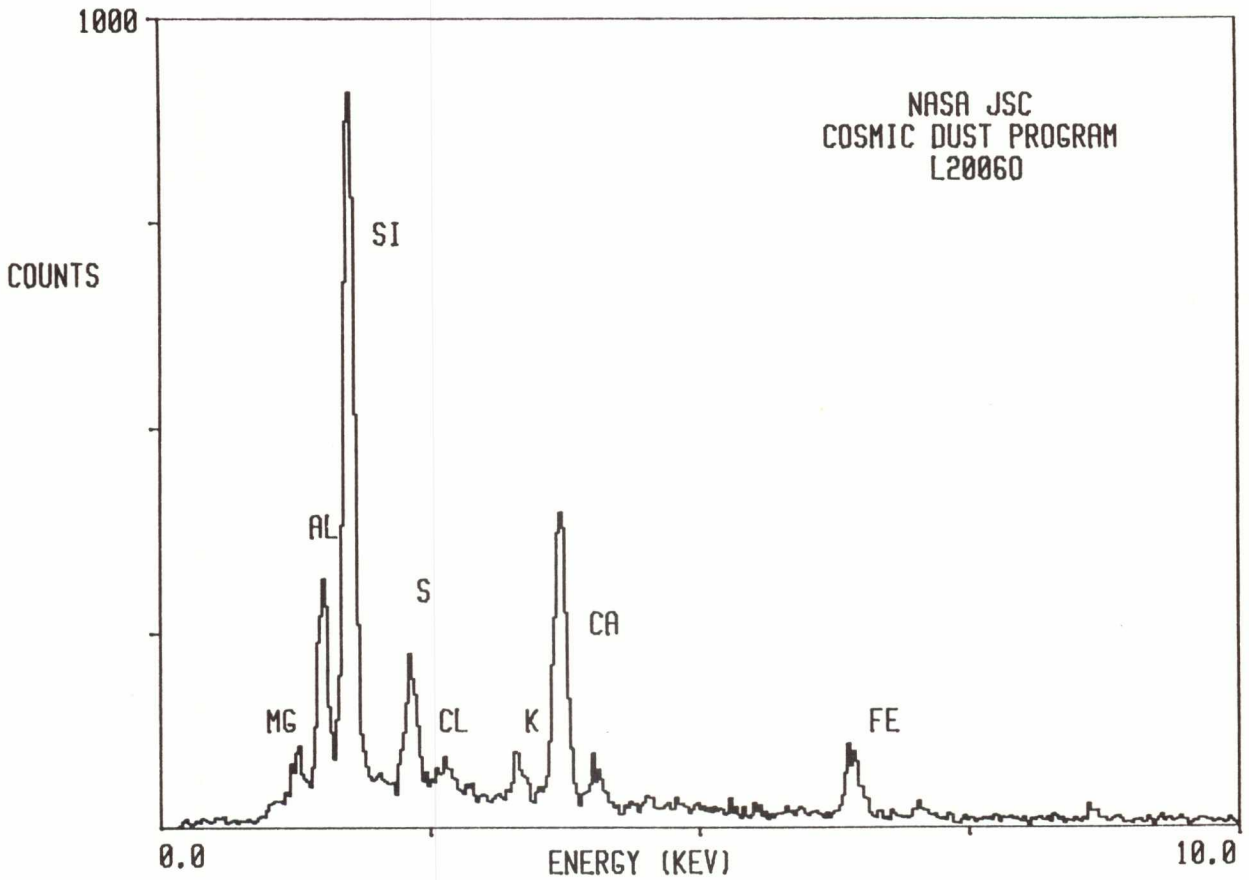


L2006 O 3

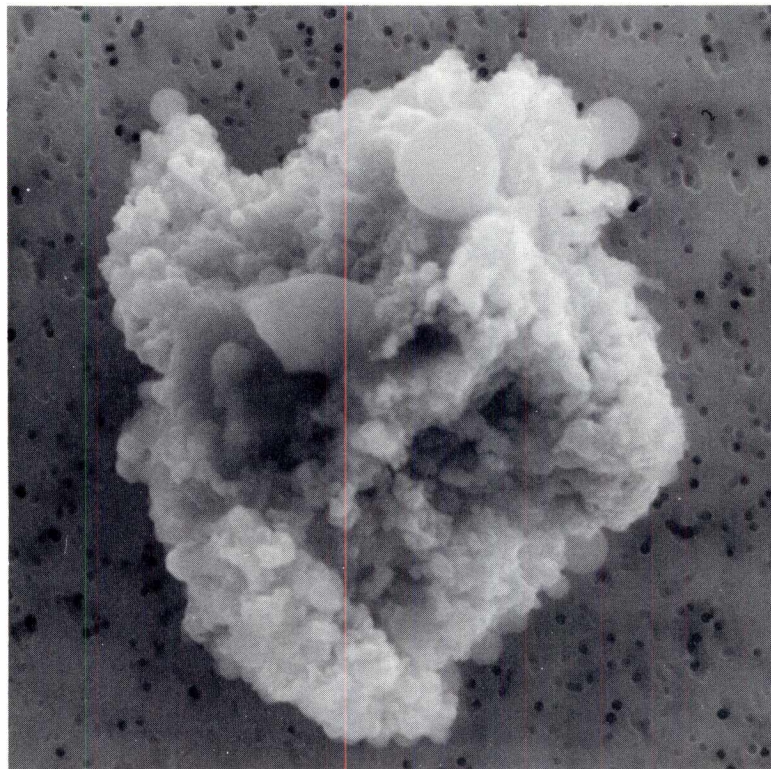


SIZE: 45x20  
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TRANS.: O/TL  
COLOR: Black  
LUSTER: SV/SM  
TYPE: C?  
COMMENTS:

S-91-32273

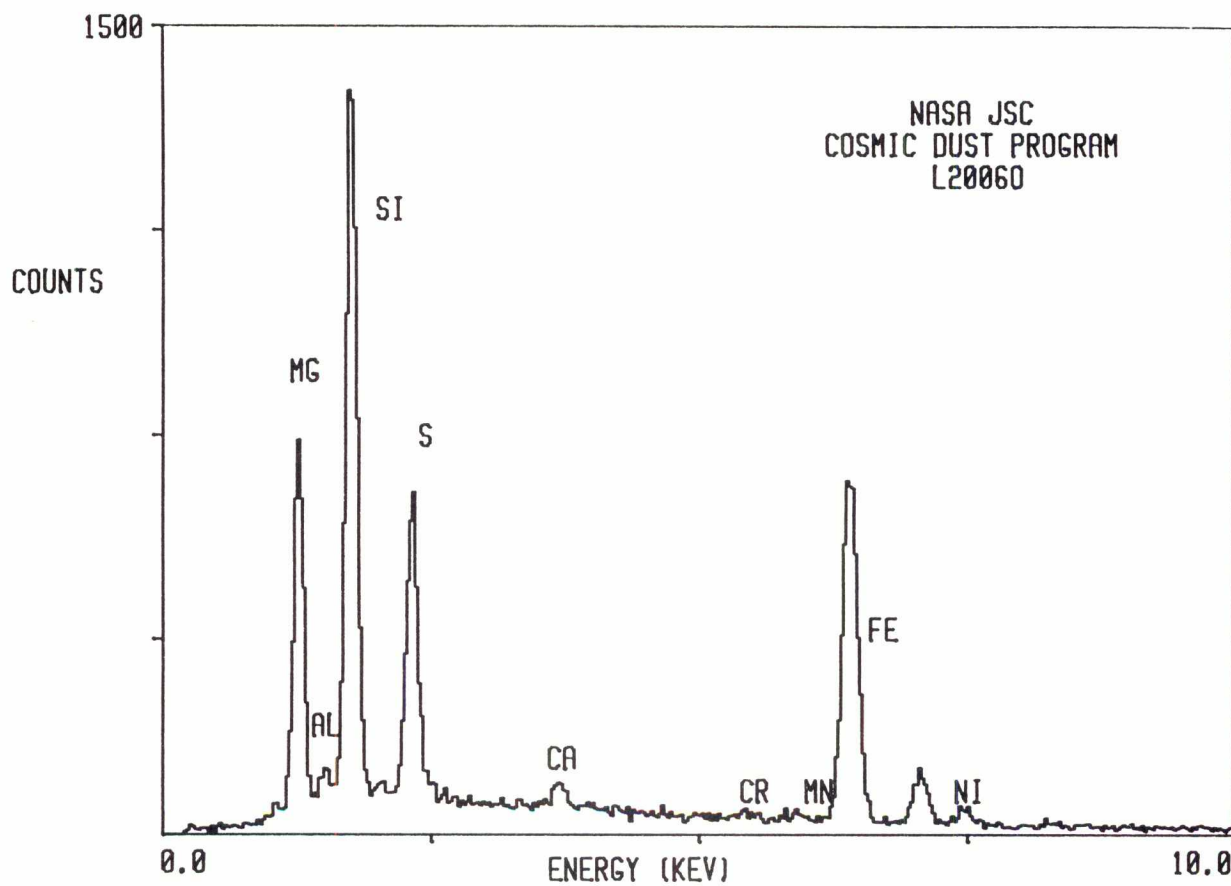


L2006 O 10

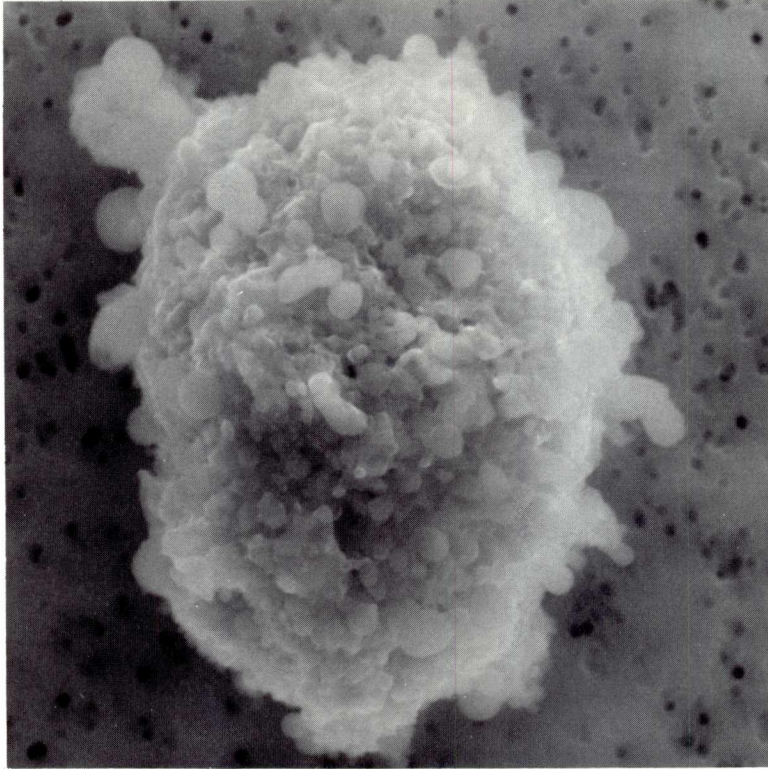


SIZE: 23  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM/D  
TYPE: C  
COMMENTS:

S-91-32280

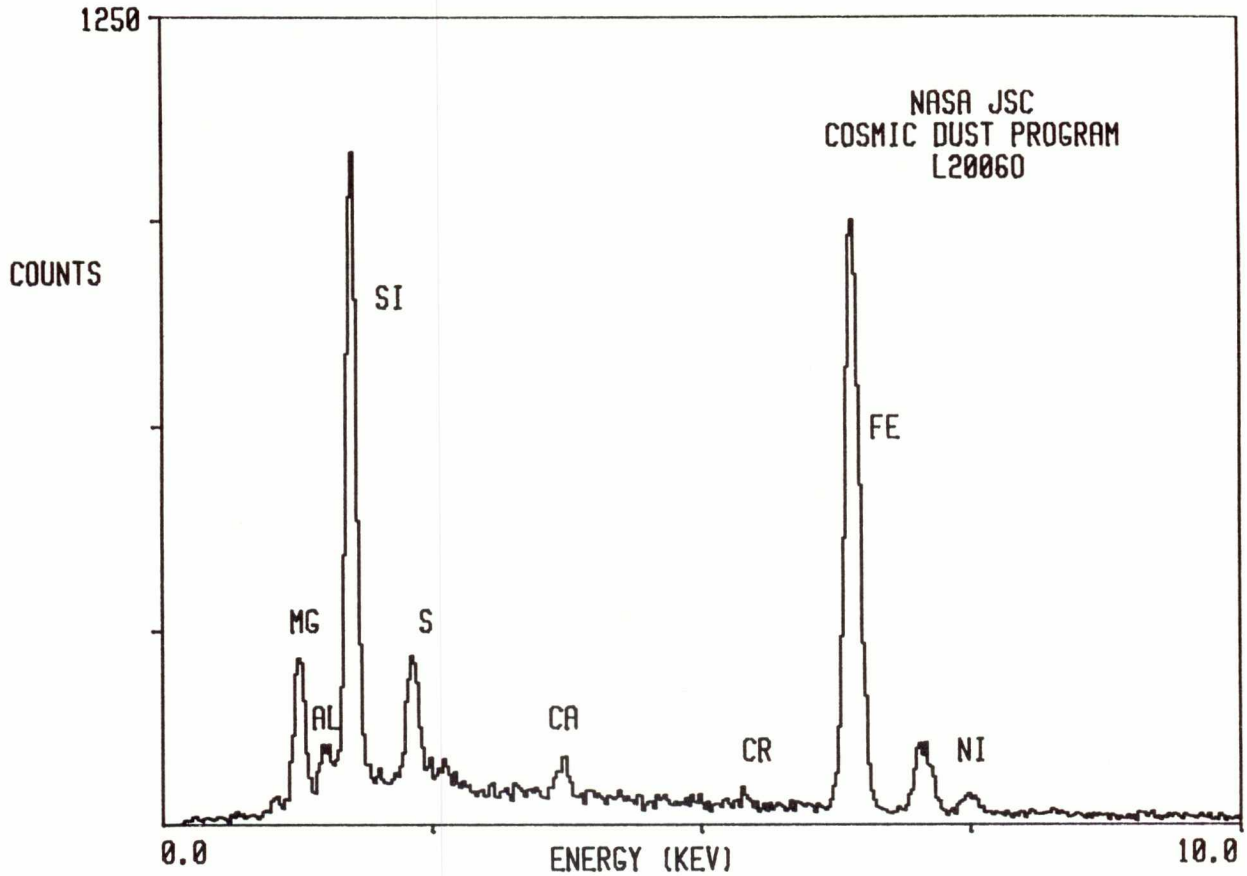


L2006 O 11

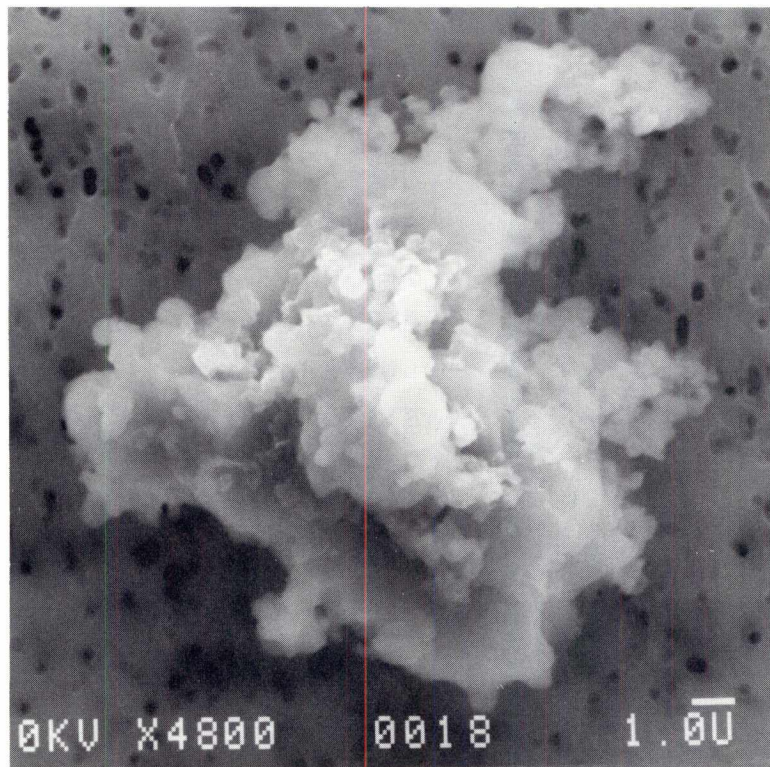


SIZE: 16x14  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM/D  
TYPE: C?  
COMMENTS:

S-91-32281

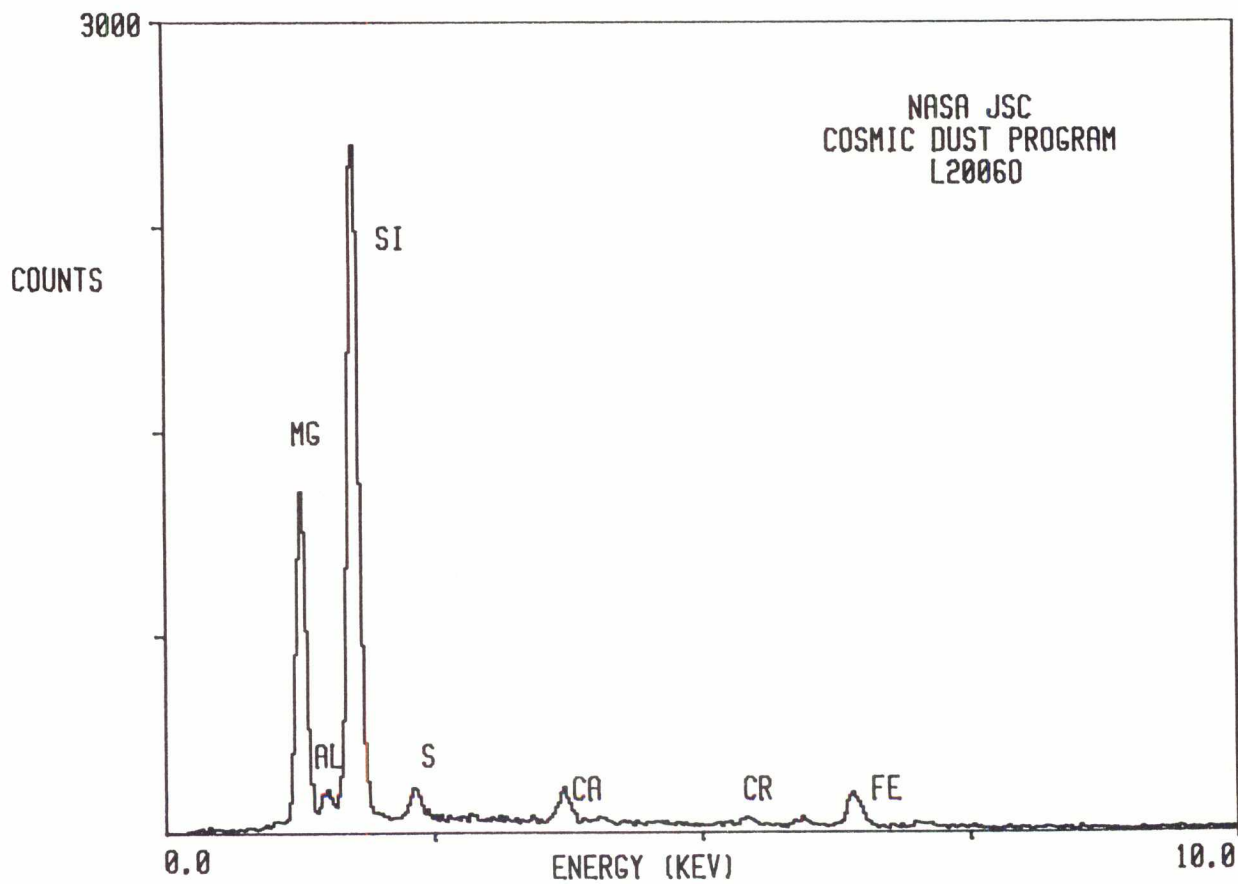


L2006 O 12

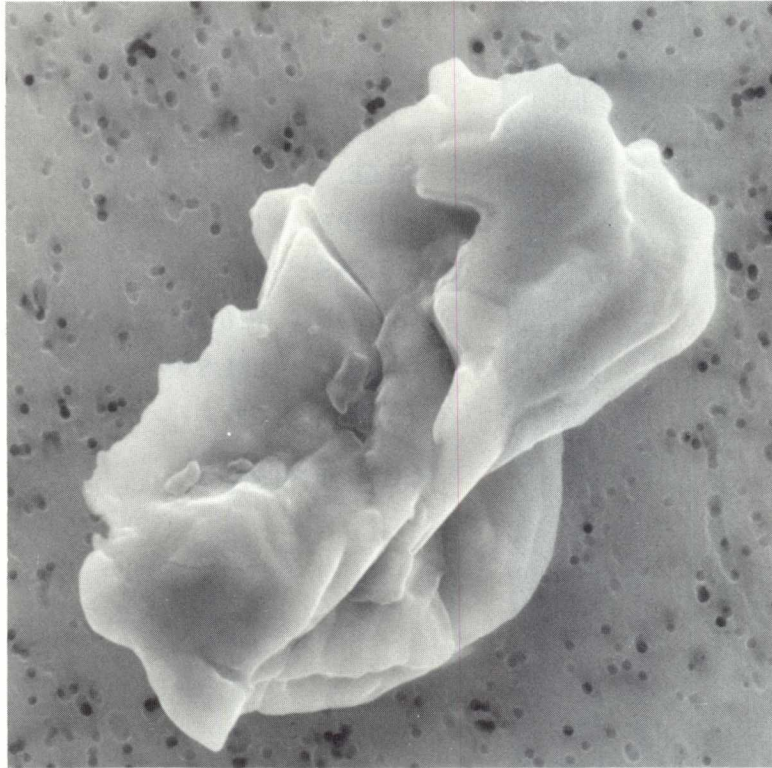


SIZE: 17x12  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM/SV  
TYPE: C?  
COMMENTS:

S-91-32282

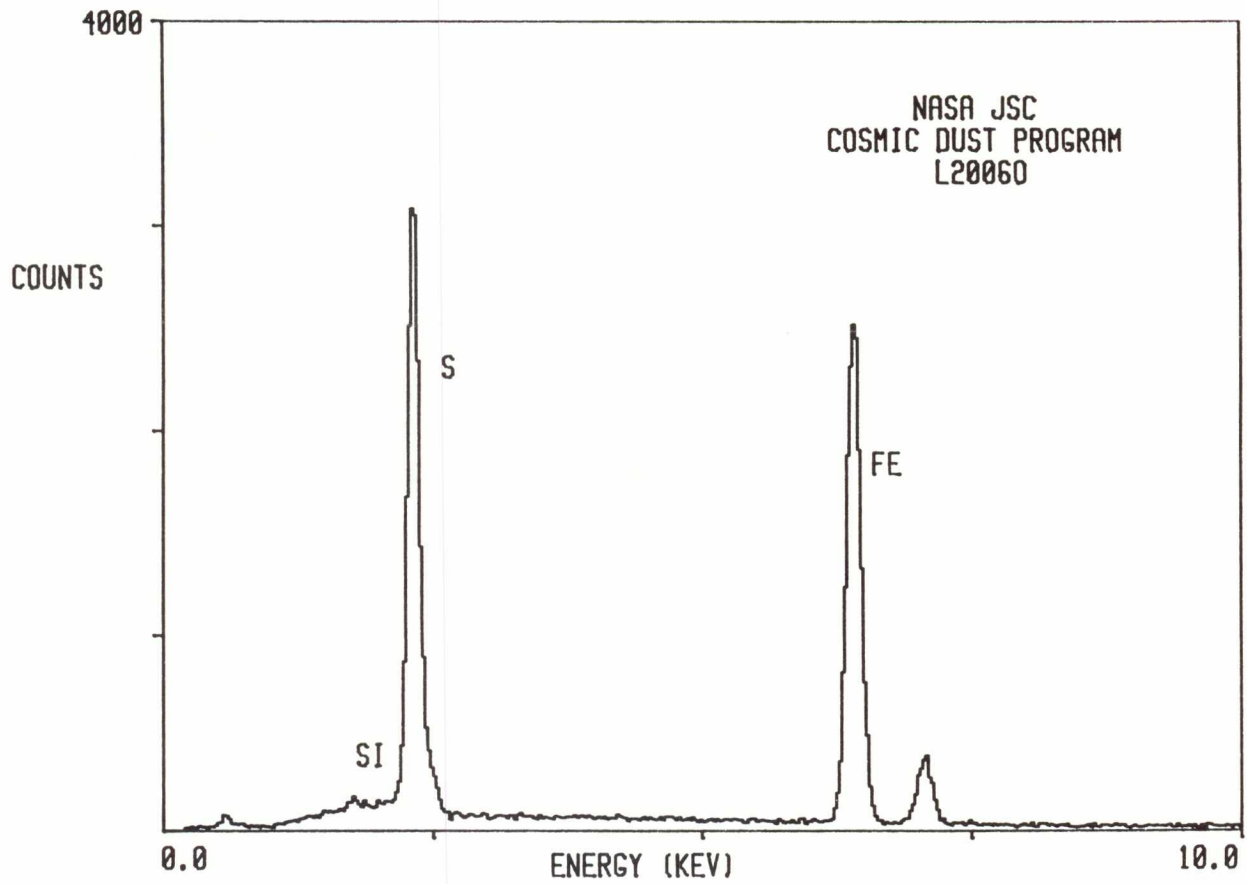


L2006 O 14

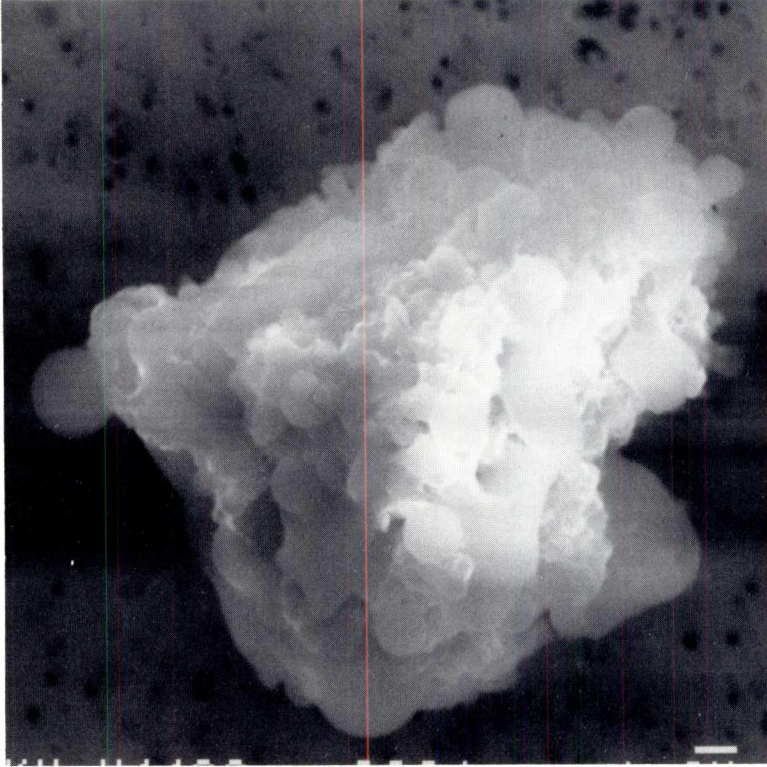


SIZE: 22x14  
SHAPE: I  
TRANS.: O  
COLOR: Brown to Gold  
LUSTER: SM  
TYPE: C?  
COMMENTS:

S-91-32284

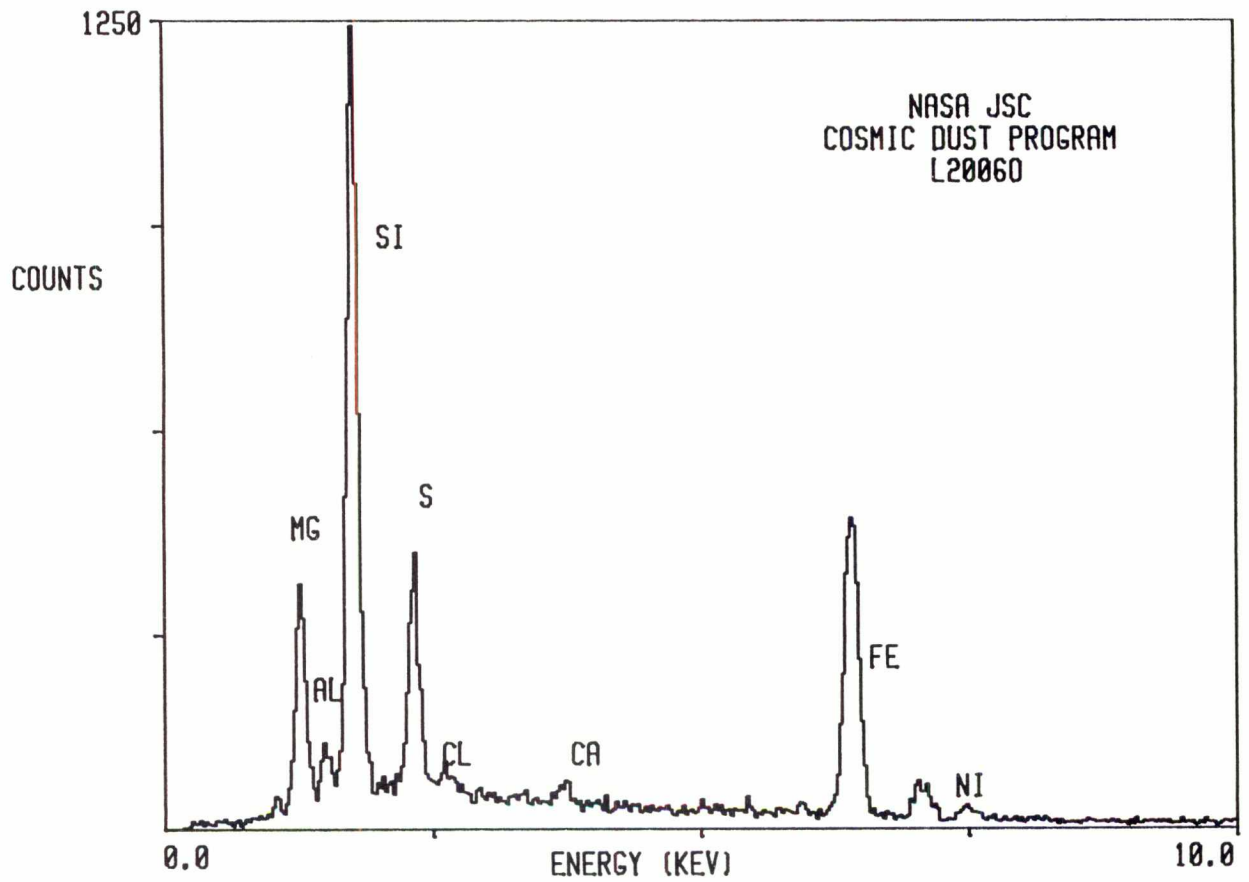


L2006 O 15

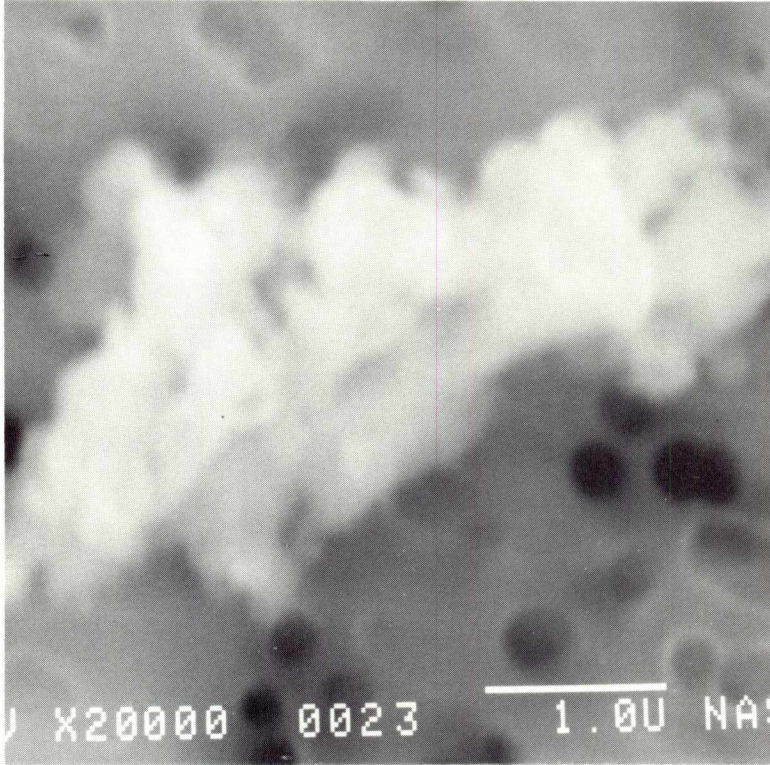


SIZE: 16  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SM/SV  
TYPE: C?  
COMMENTS:

S-91-32285

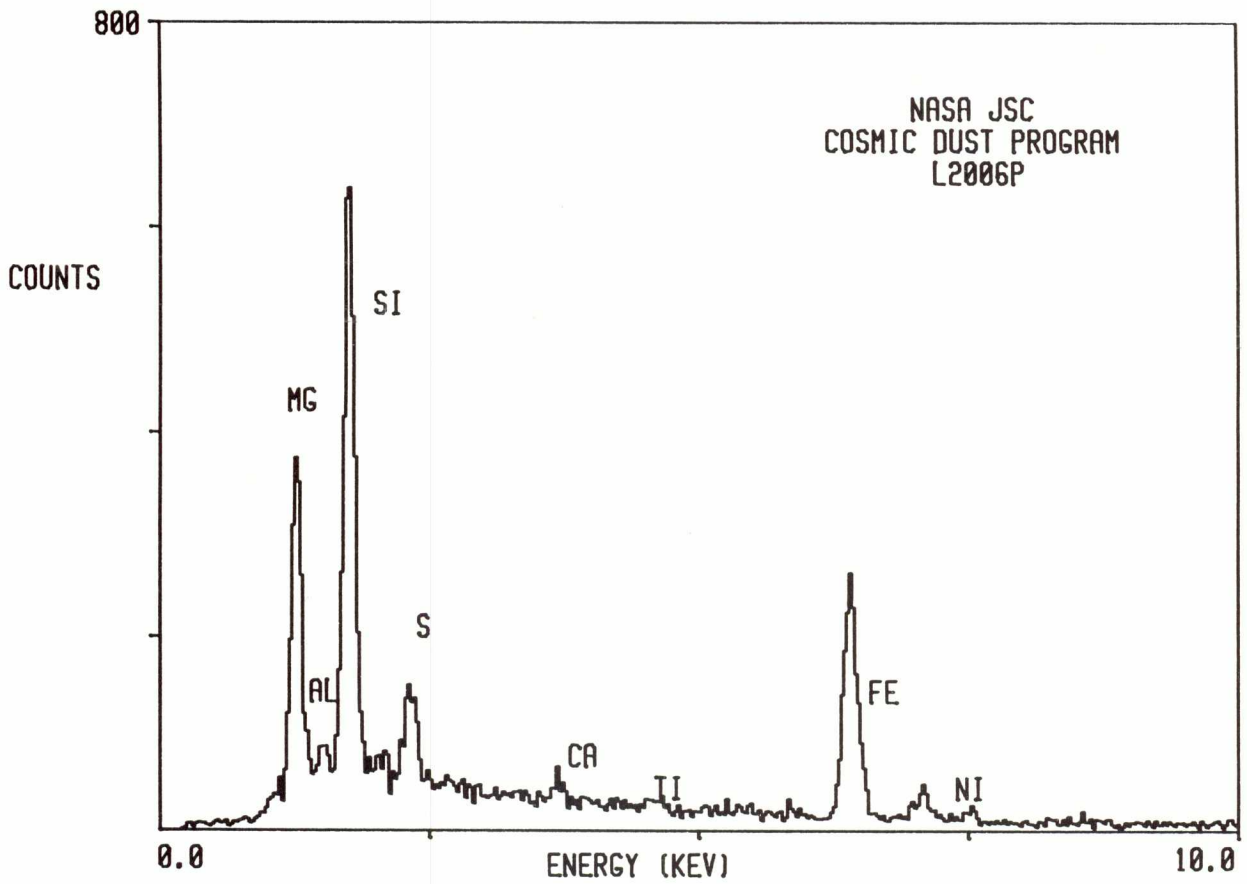


L2006 P 1



SIZE: 4x3  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM/D  
TYPE: C  
COMMENTS:

S-91-32286

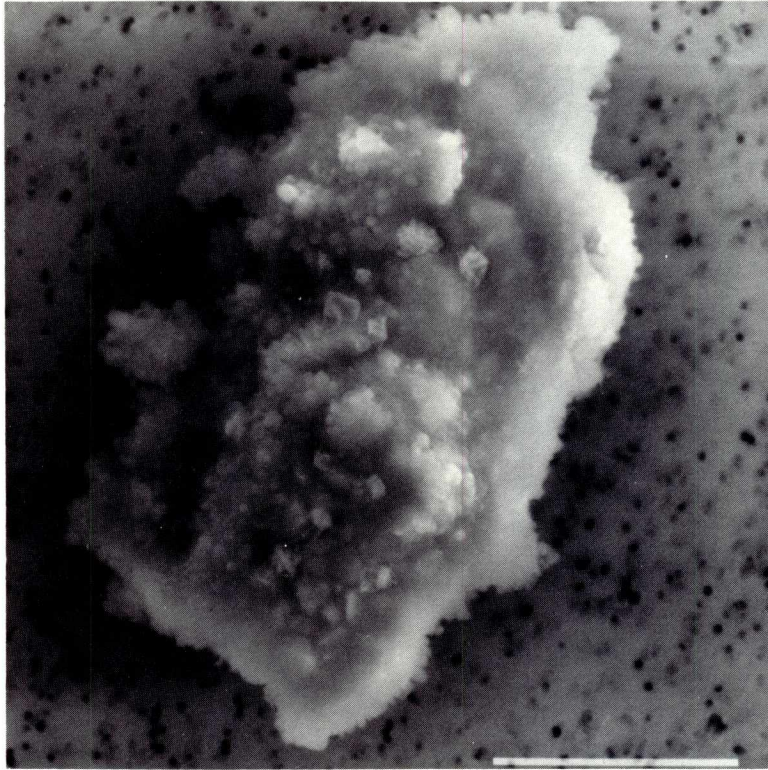




Particle Descriptions  
**TCA Type**

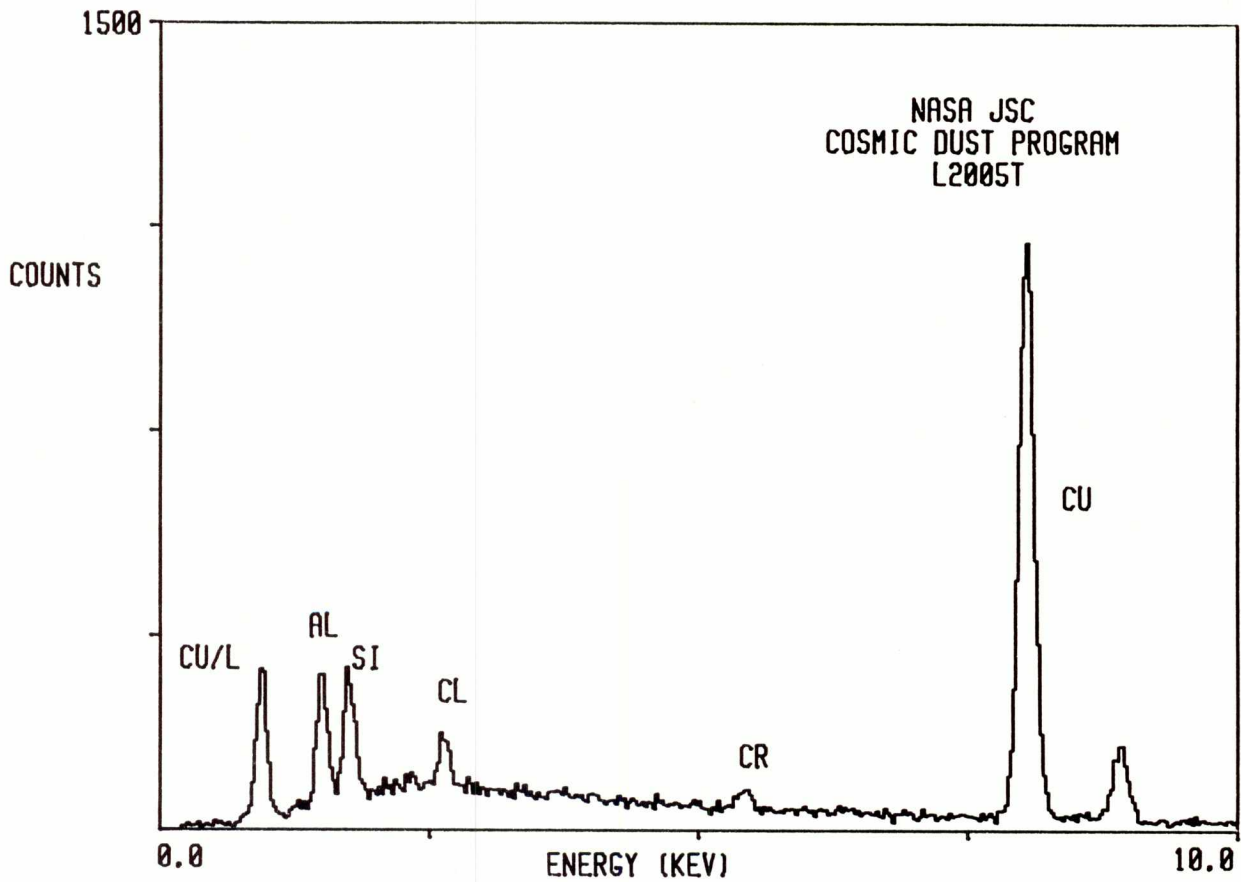
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L2005 T 14

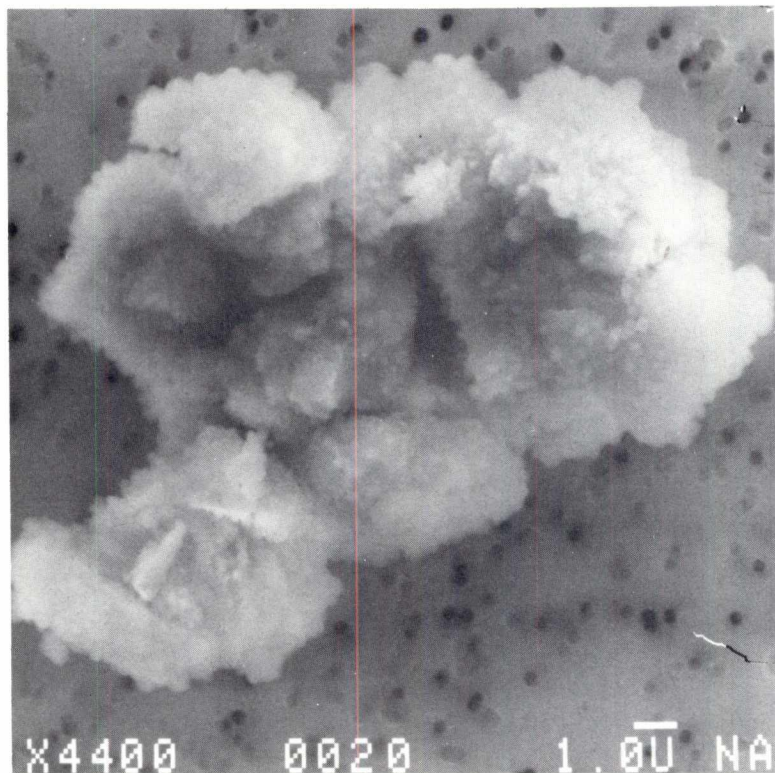


SIZE: 32x20  
SHAPE: I  
TRANS.: O  
COLOR: Brown to Gold  
LUSTER: SM/D  
TYPE: TCA  
COMMENTS:

S-91-32371

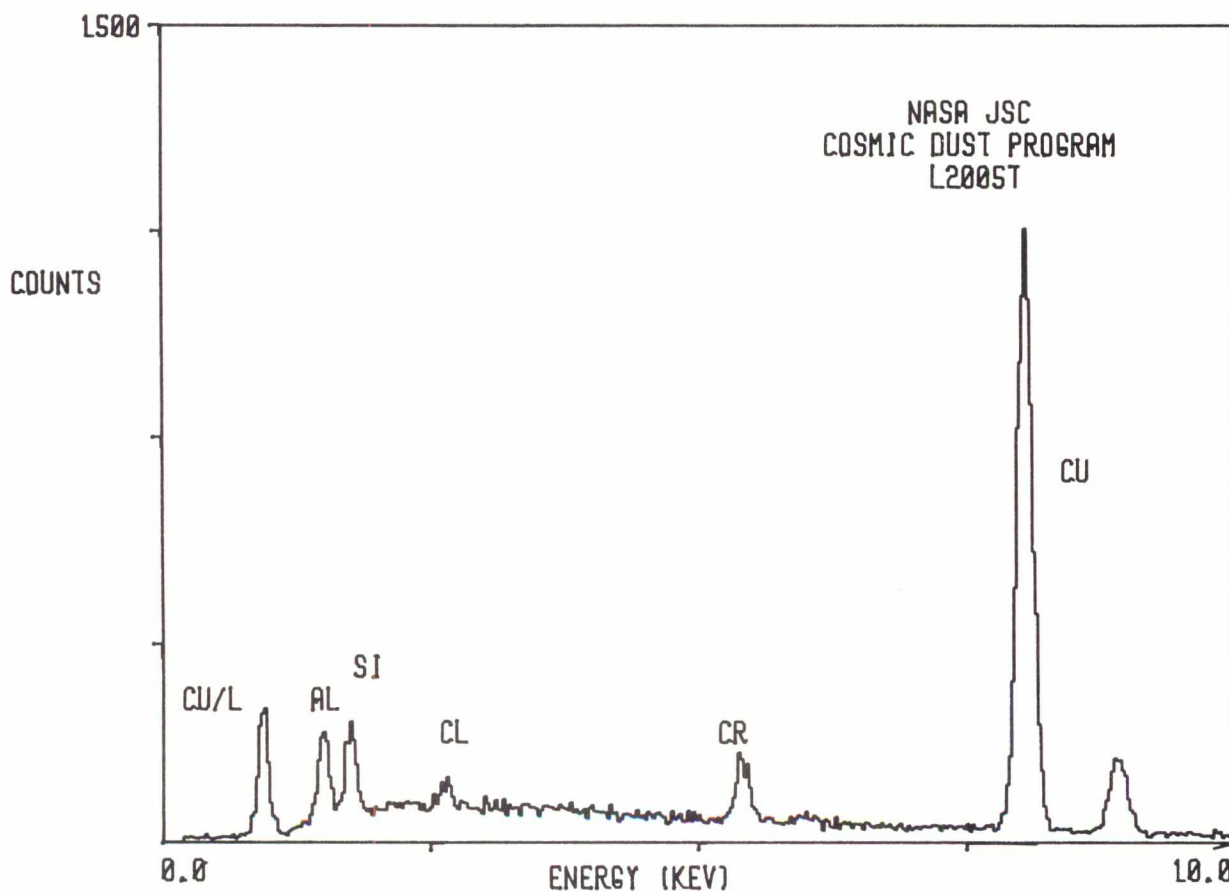


L2005 T 16

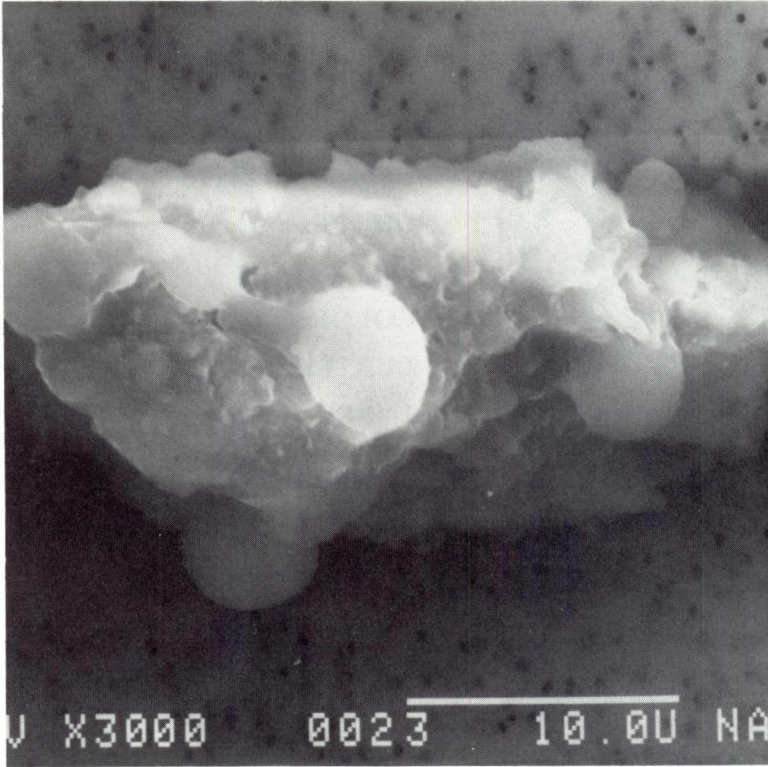


SIZE: 35x23  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D/SM  
TYPE: TCA  
COMMENTS:

S-91-32373

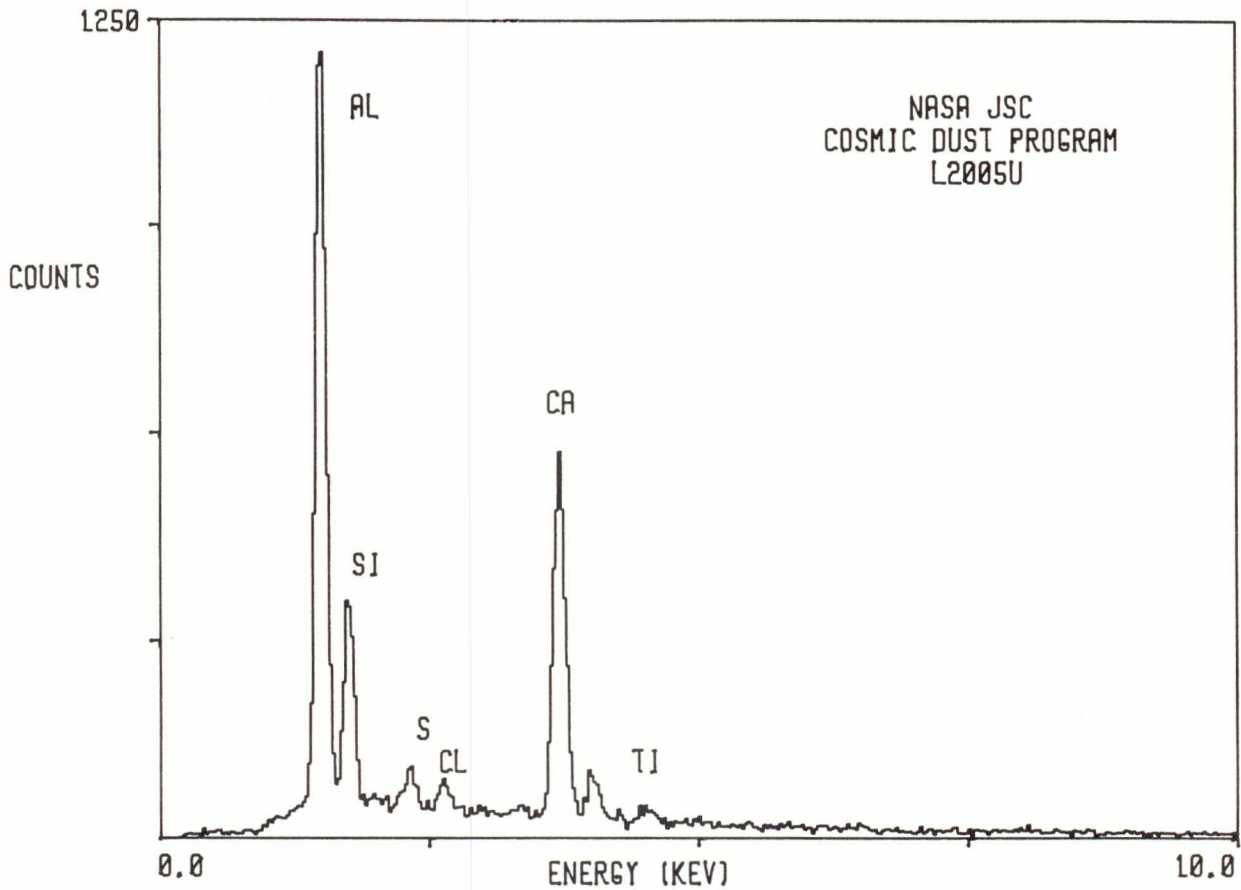


L2005 U 1

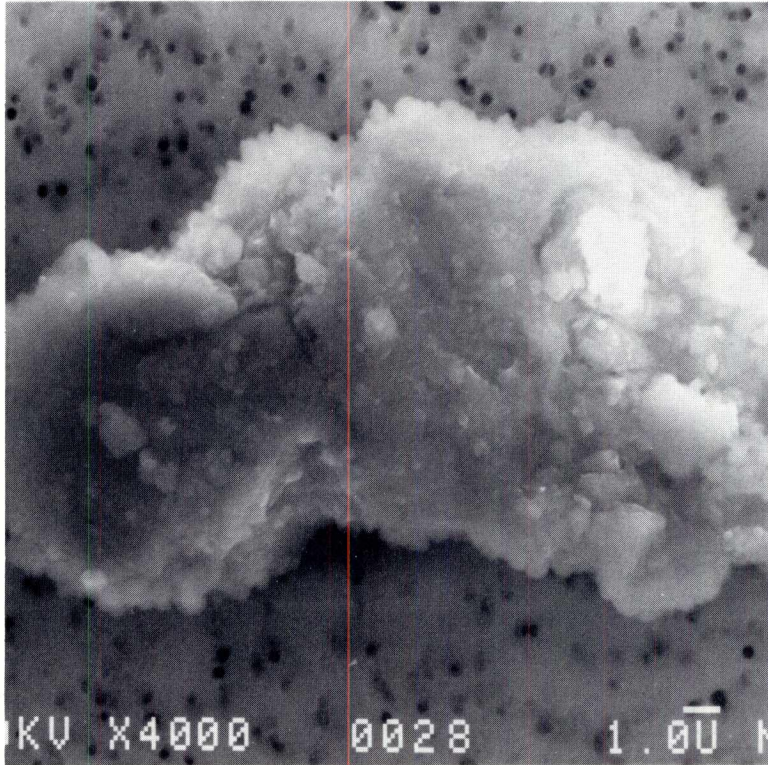


SIZE: 31x17  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SM/D  
TYPE: TCA  
COMMENTS:

S-91-32326

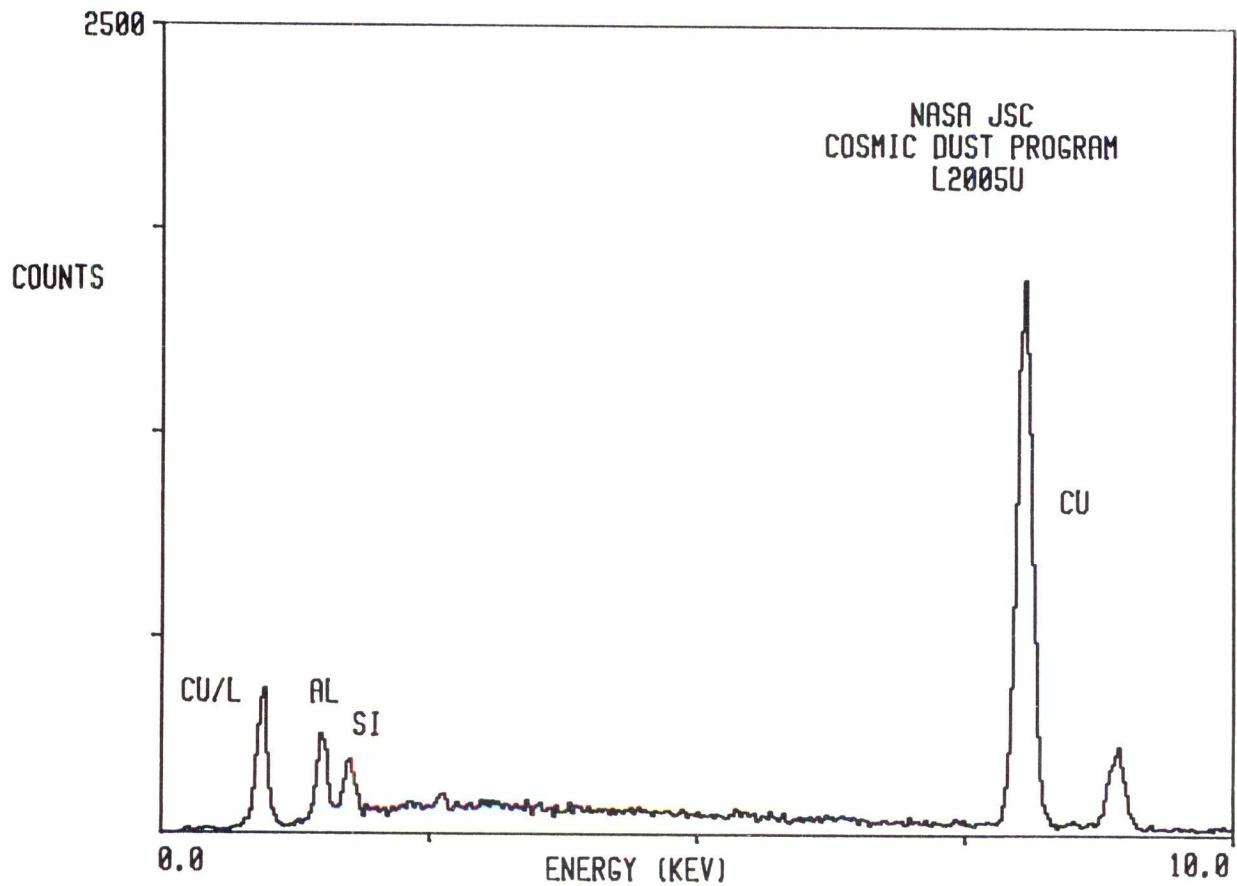


L2005 U 7

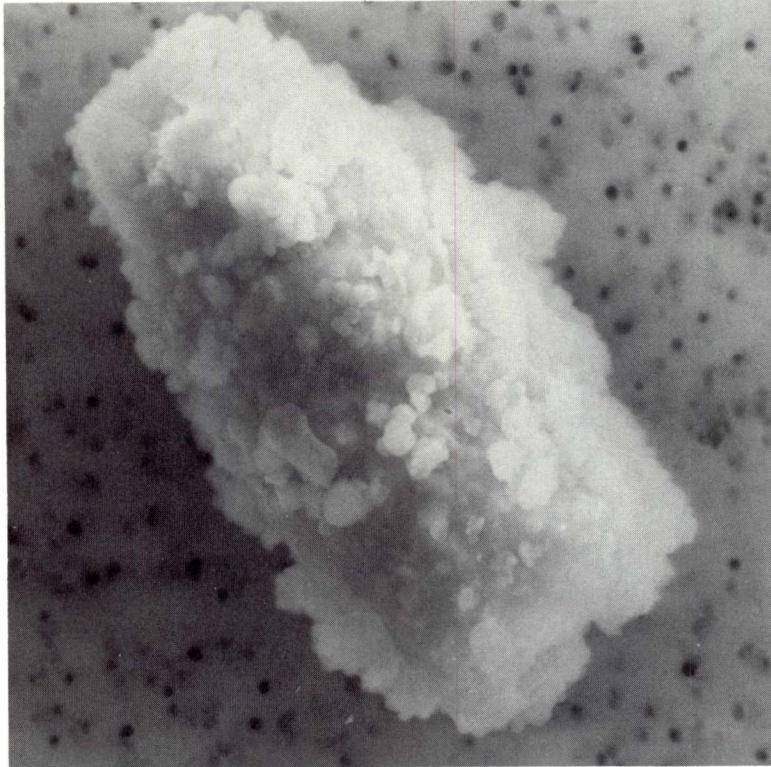


SIZE: 25x13  
SHAPE: I  
TRANS.: O  
COLOR: Grey  
LUSTER: SM/D  
TYPE: TCA  
COMMENTS:

S-91-32332

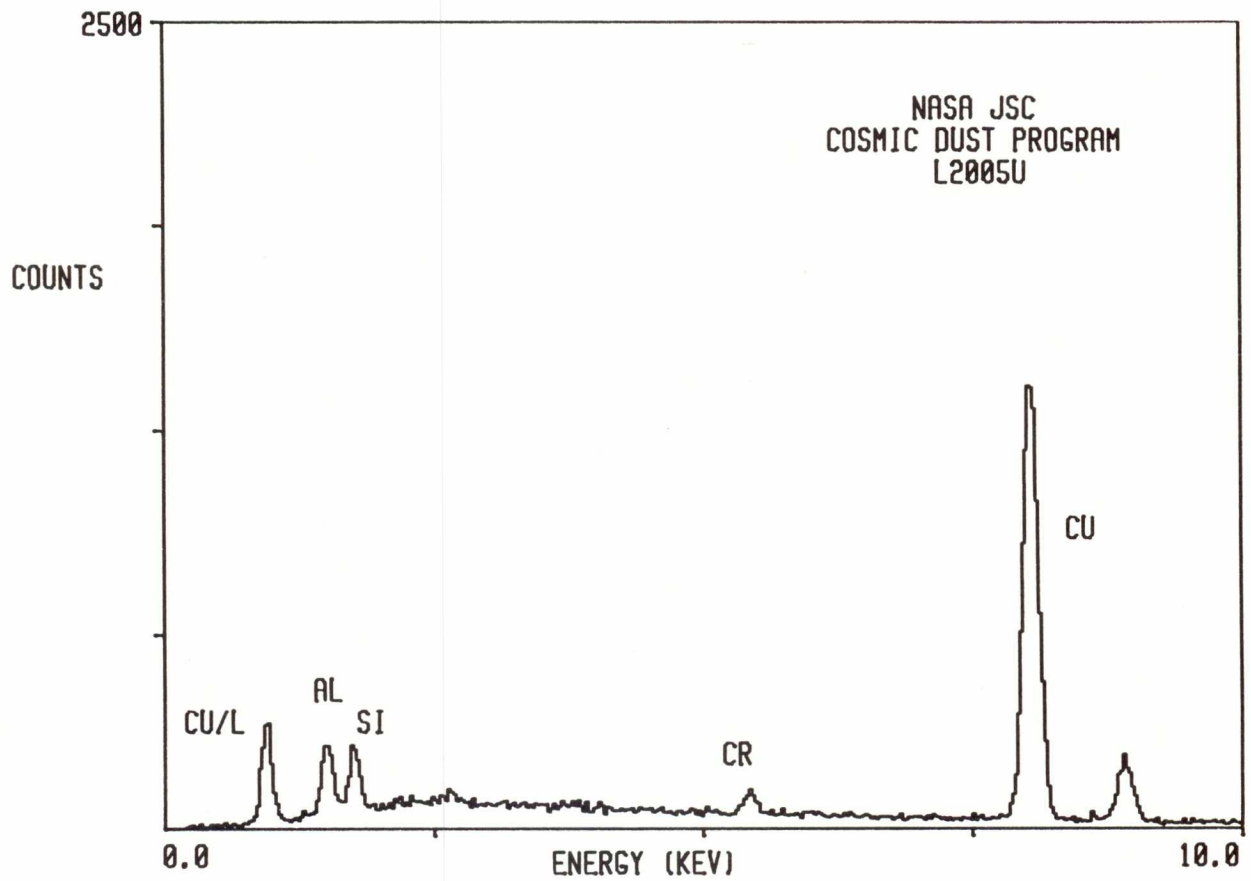


L2005 U 8

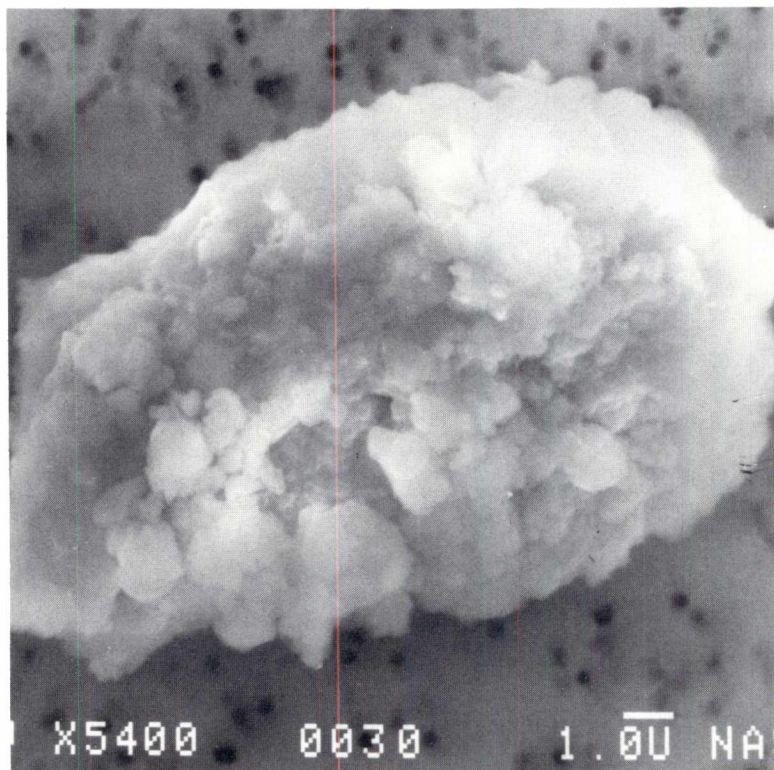


SIZE: 20x12  
SHAPE: I  
TRANS.: O  
COLOR: Grey  
LUSTER: SM/D  
TYPE: TCA  
COMMENTS:

S-91-32333

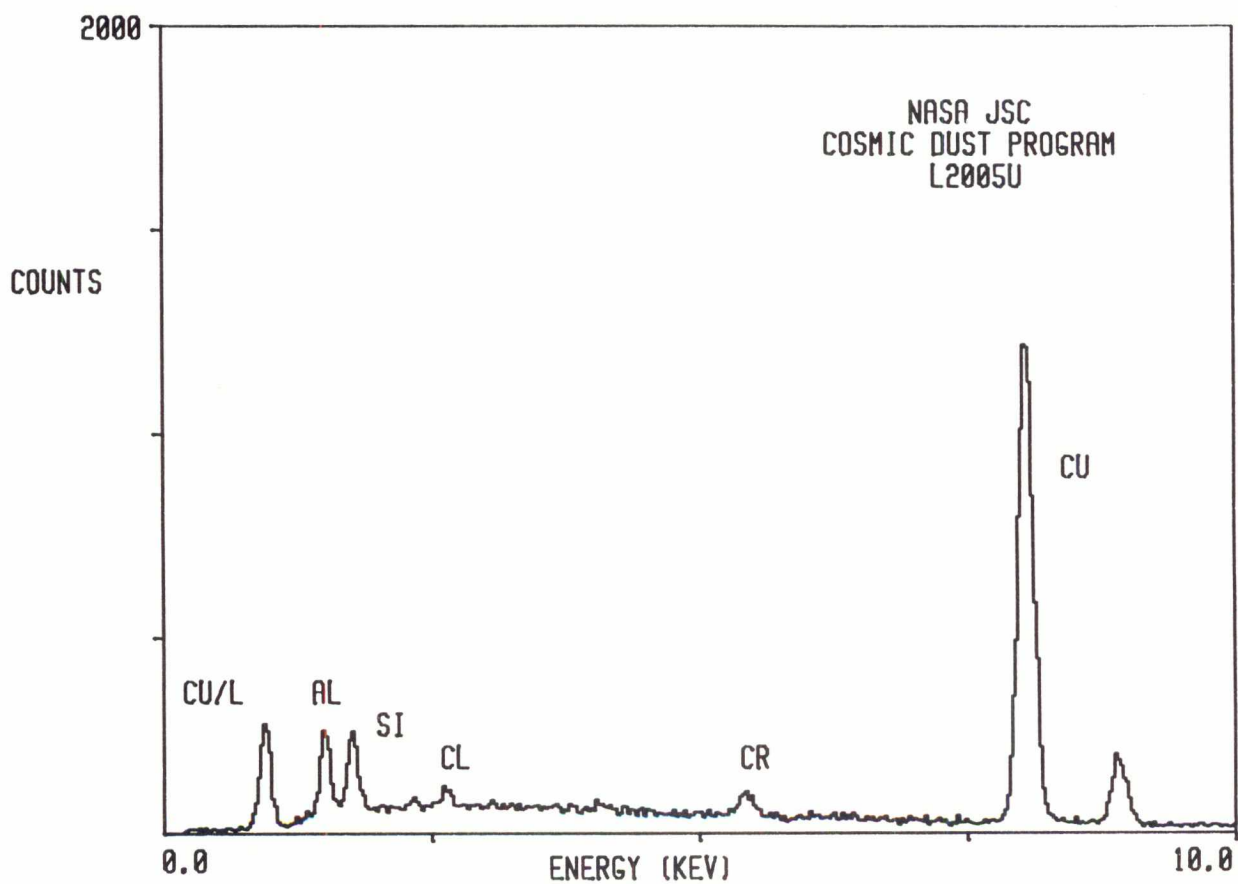


L2005 U 9

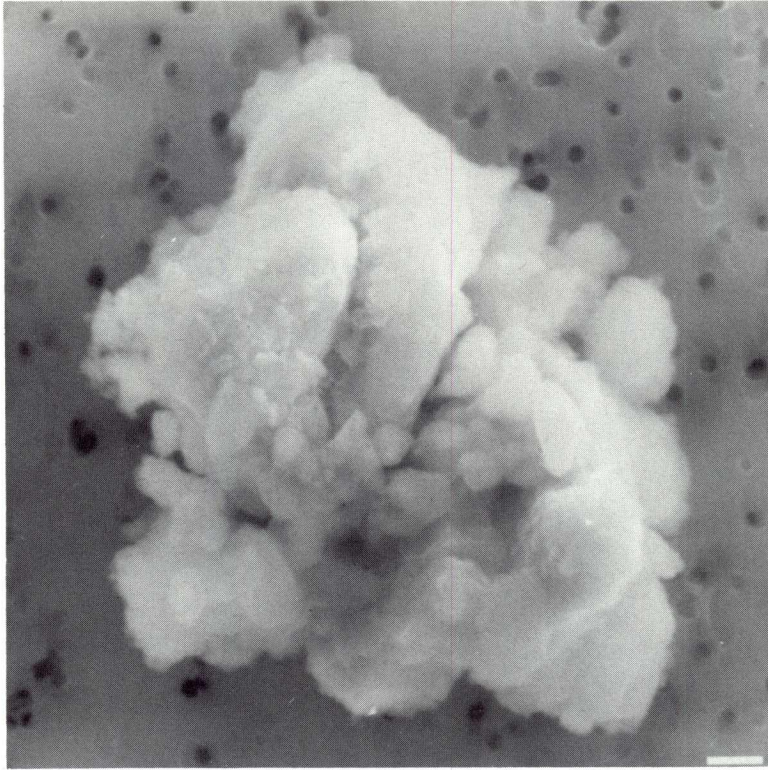


SIZE: 35x20  
SHAPE: I  
TRANS.: O  
COLOR: Grey  
LUSTER: SM/D  
TYPE: TCA  
COMMENTS:

S-91-32334



L2005 U 10



SIZE: 15x10

SHAPE: I

TRANS.: O

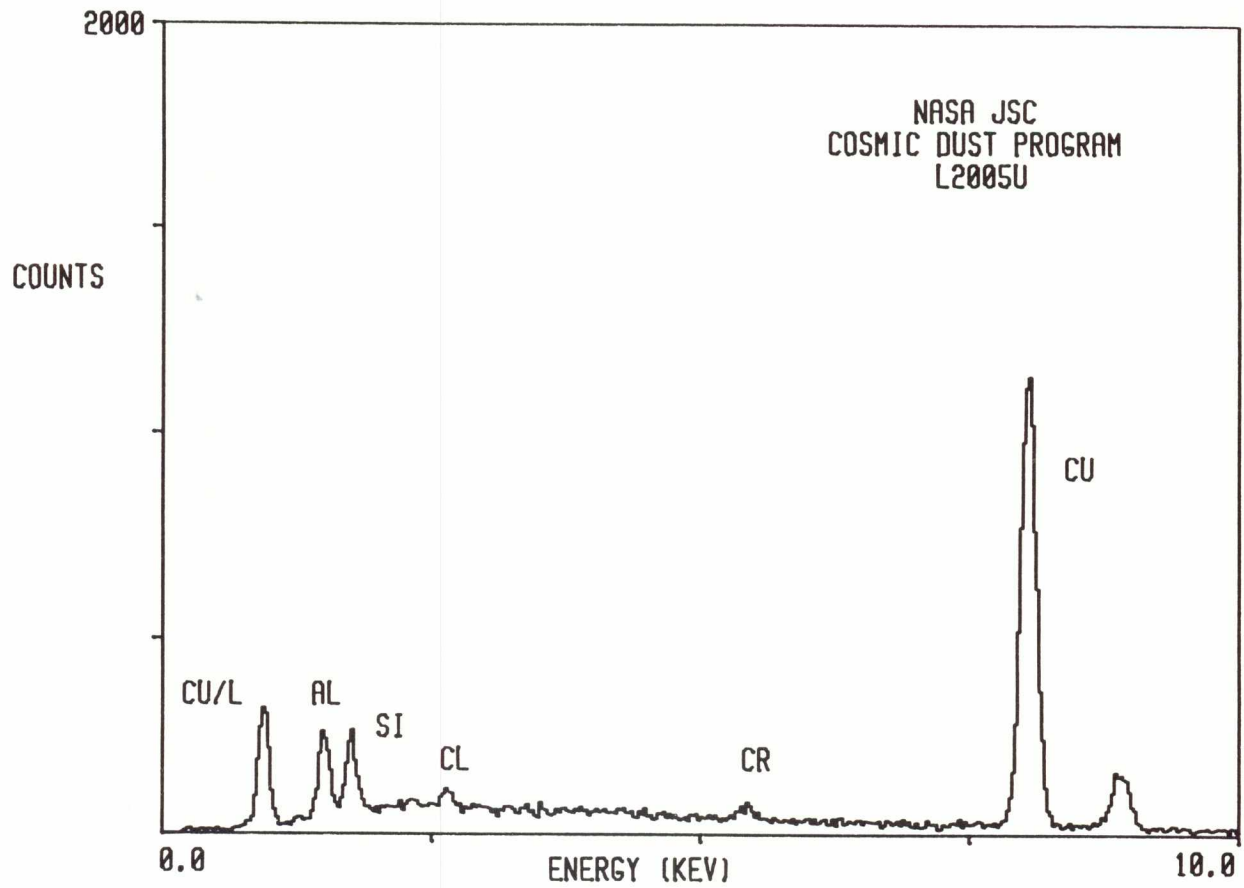
COLOR: Grey

LUSTER: SM/D

TYPE: TCA

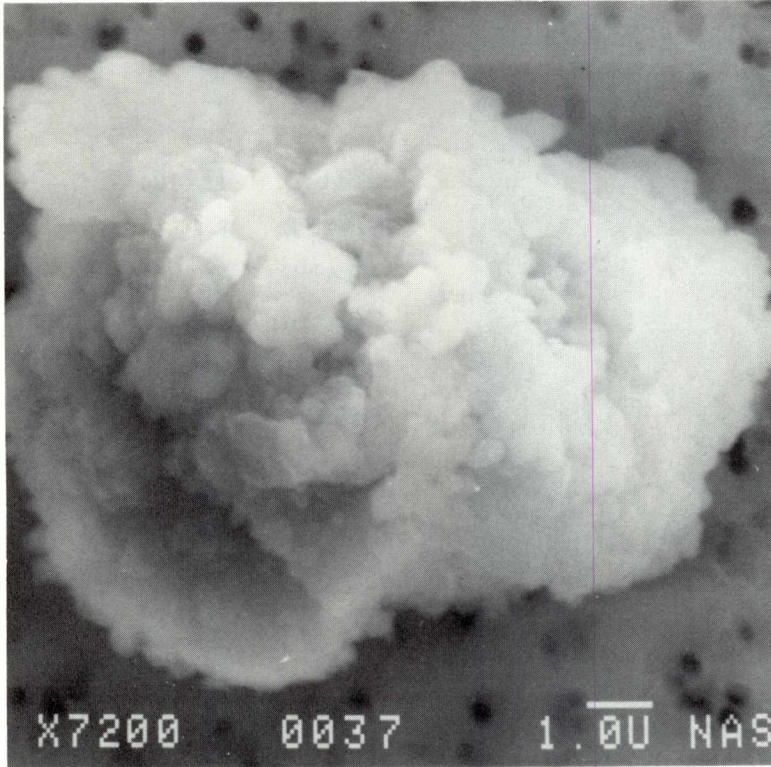
COMMENTS:

S-91-32335



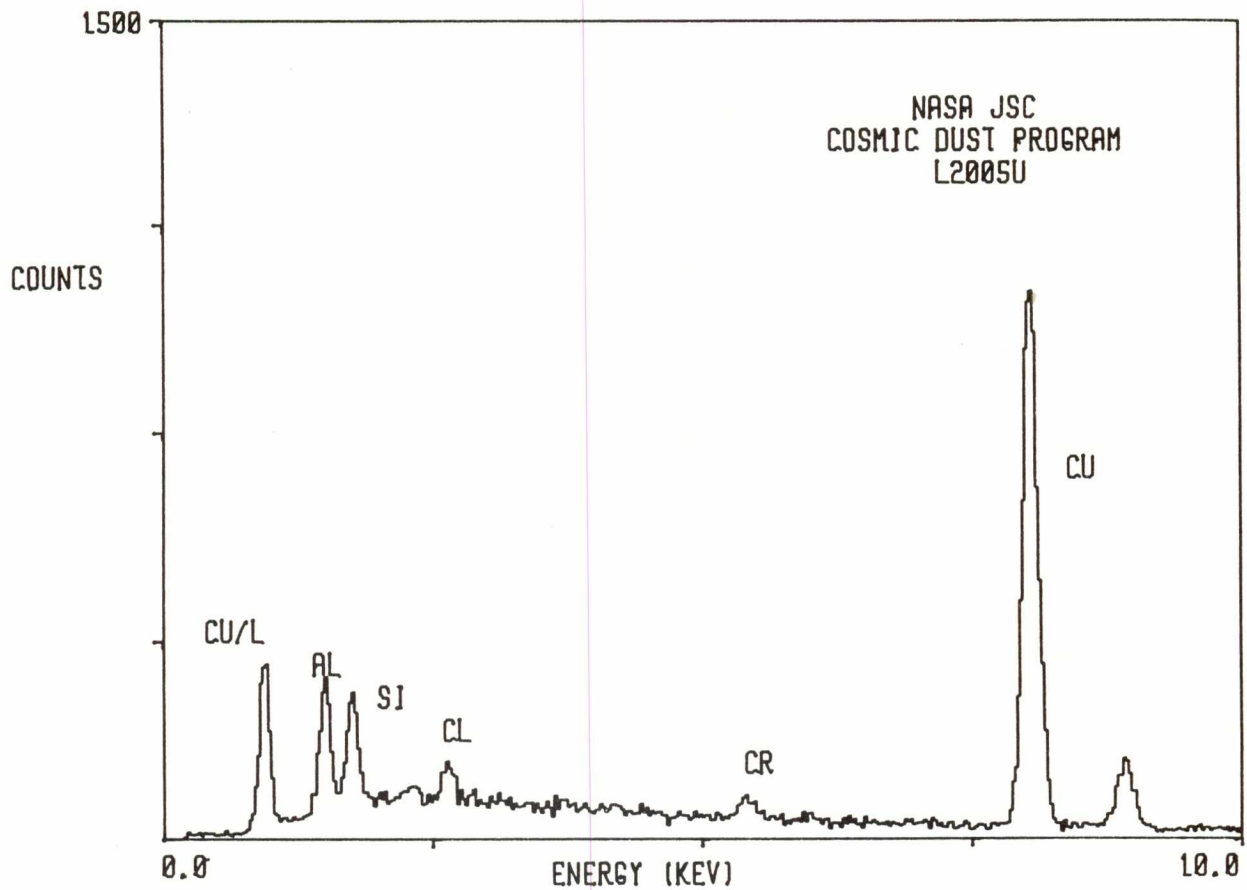


L2005 U 16

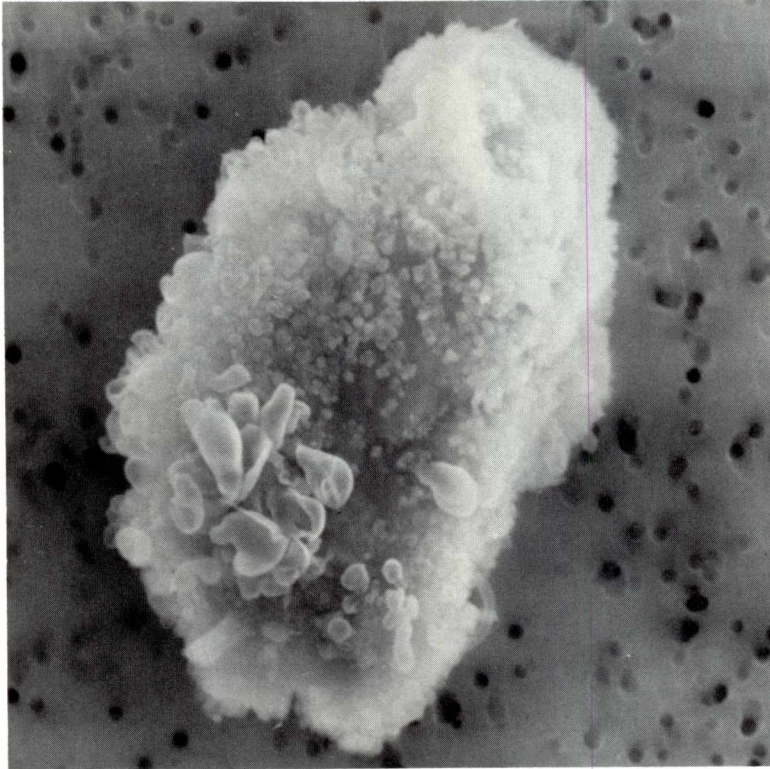


SIZE: 12x10  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: TCA  
COMMENTS:

S-91-32341

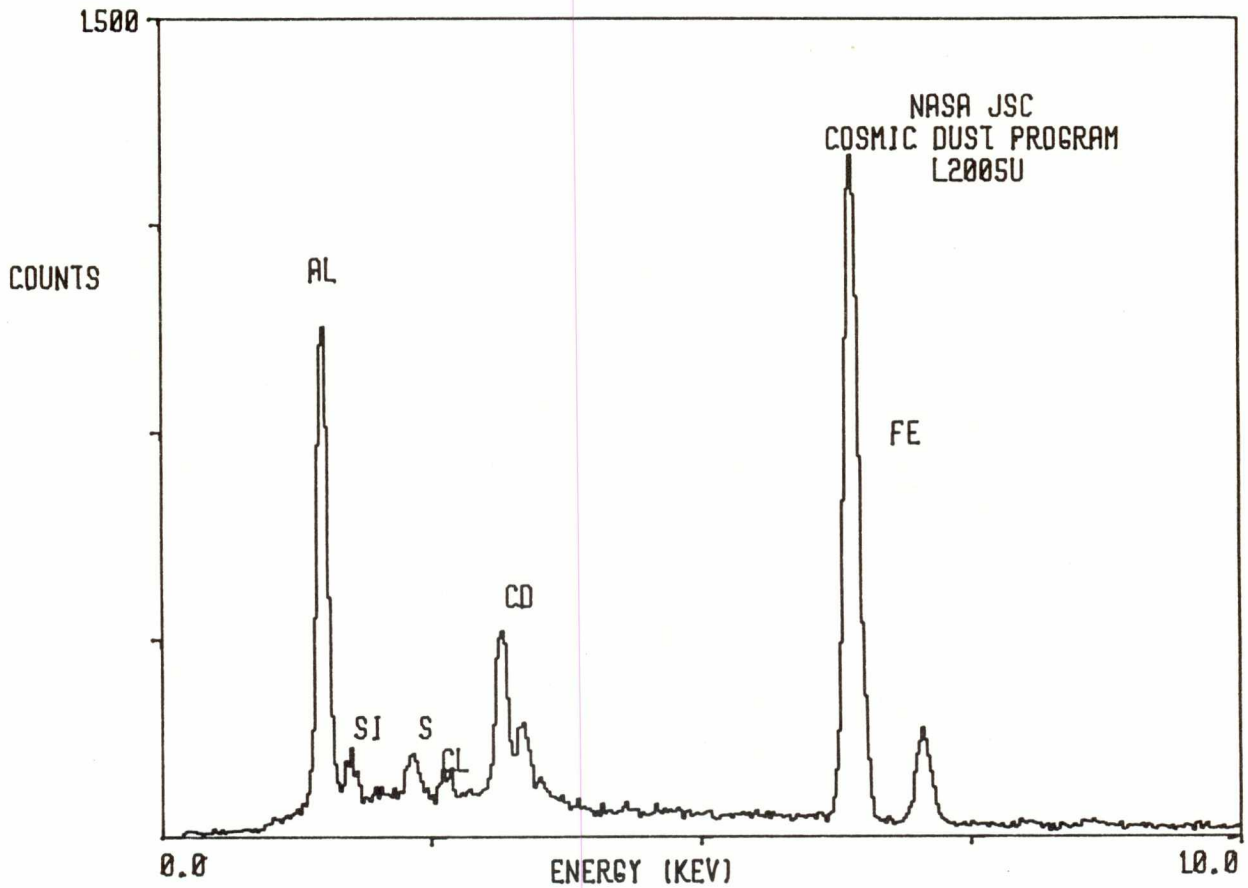


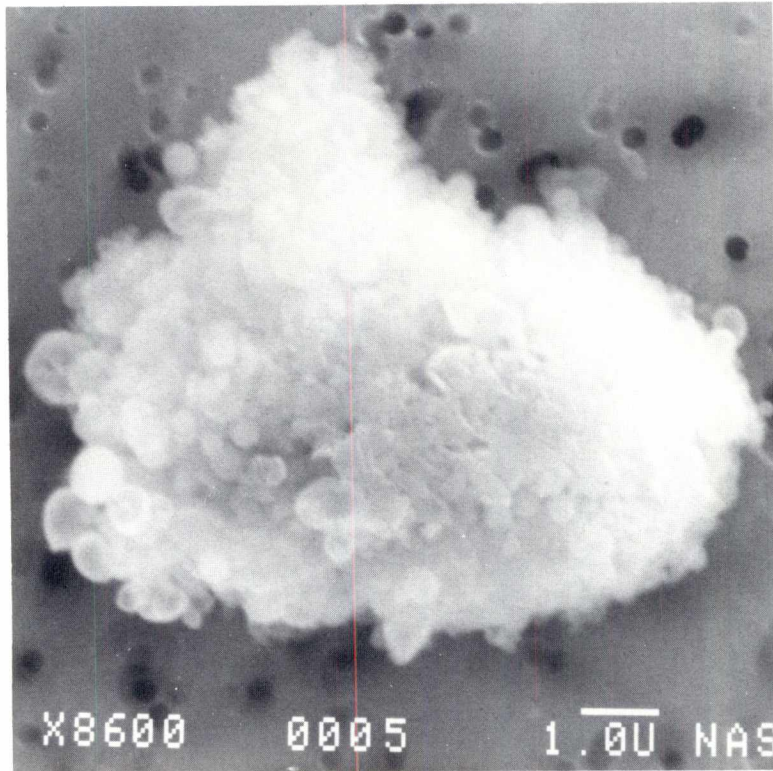
L2005 U 17



SIZE: 13x9  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SV/D  
TYPE: TCA  
COMMENTS:

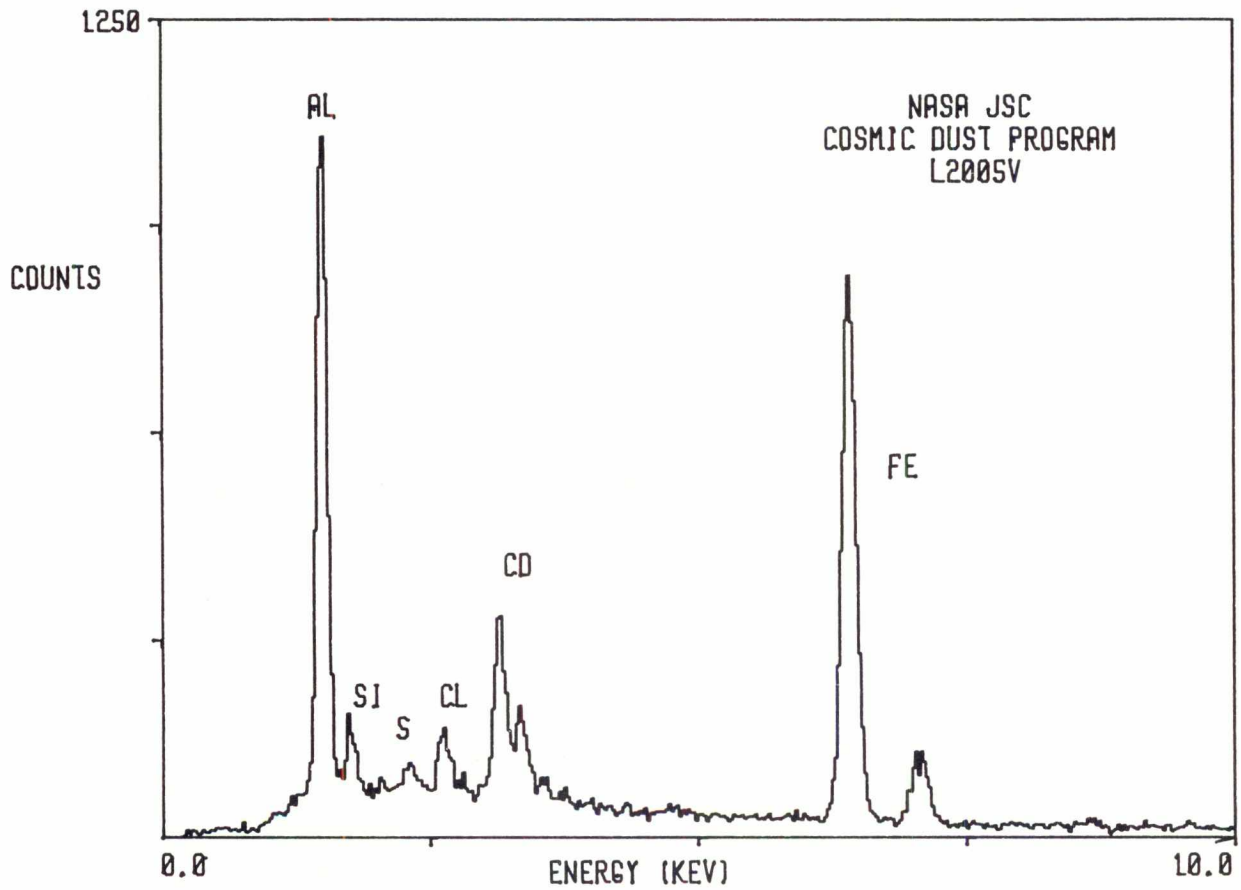
S-91-32342



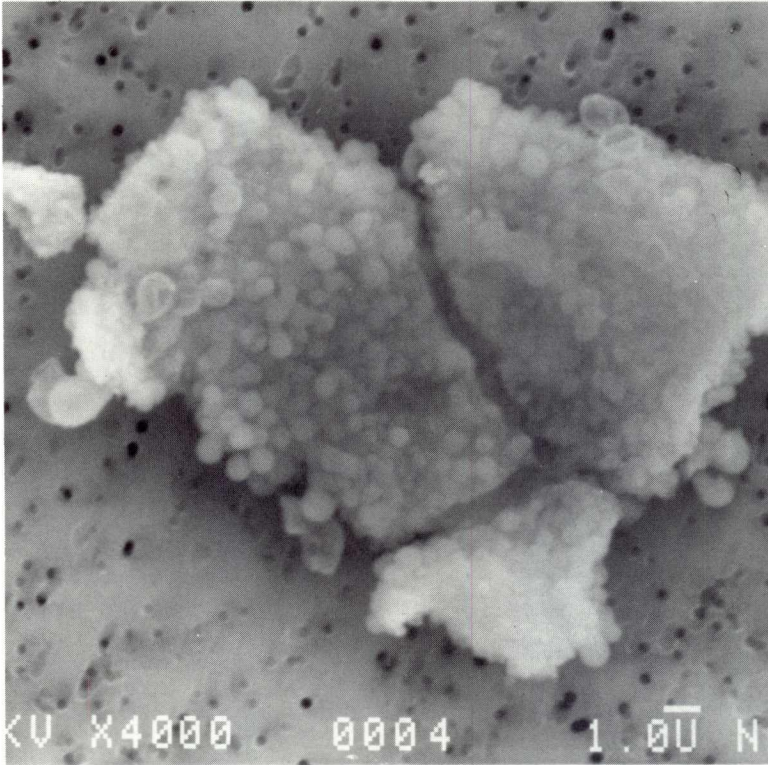


SIZE: 5x4  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV/SM  
TYPE: TCA  
COMMENTS:

S-91-32290

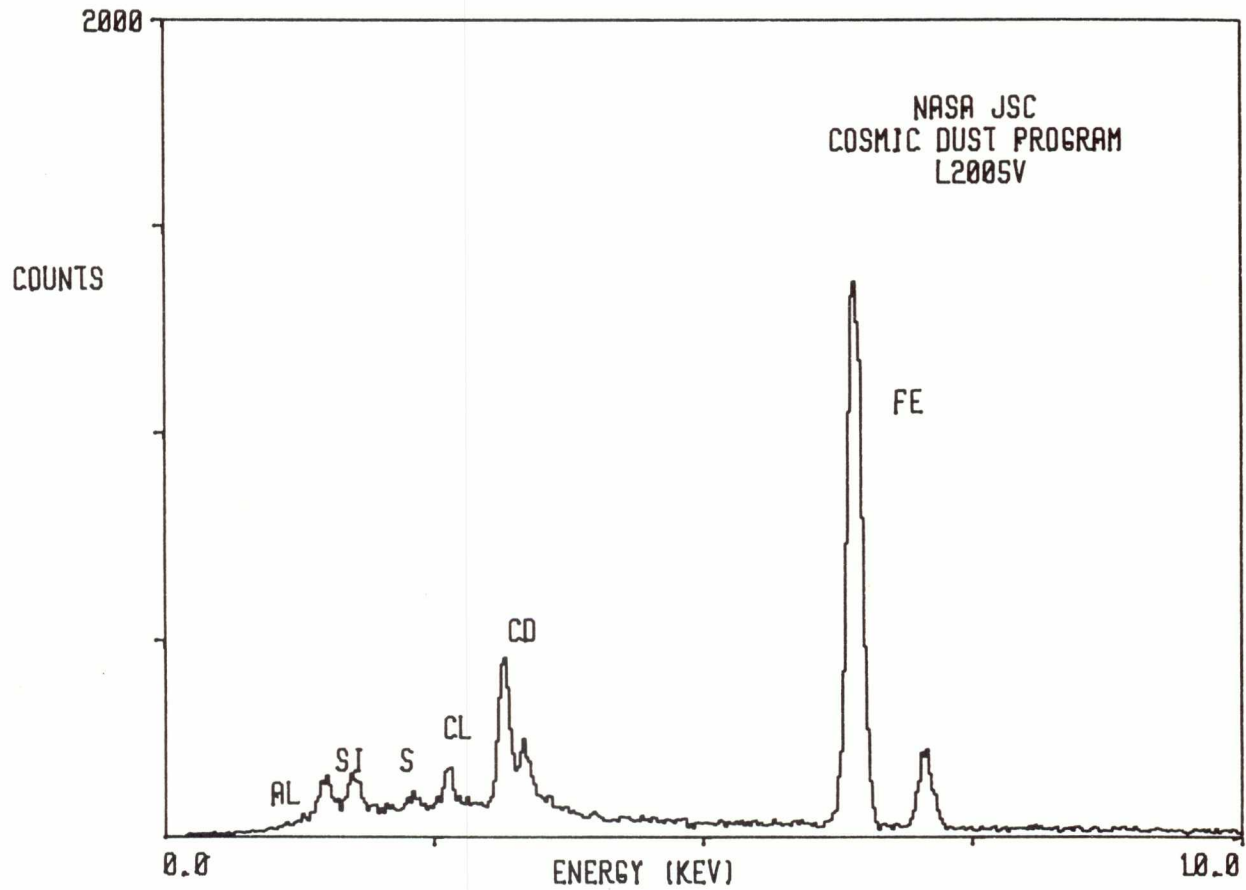


L2005 V 3

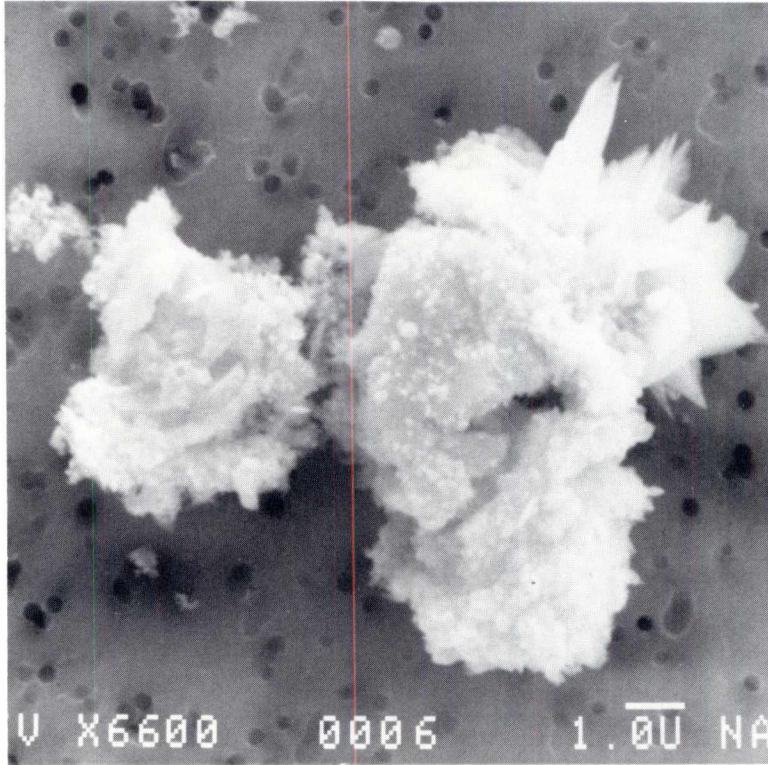


SIZE: 22x18  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV/D  
TYPE: TCA  
COMMENTS:

S-91-32291

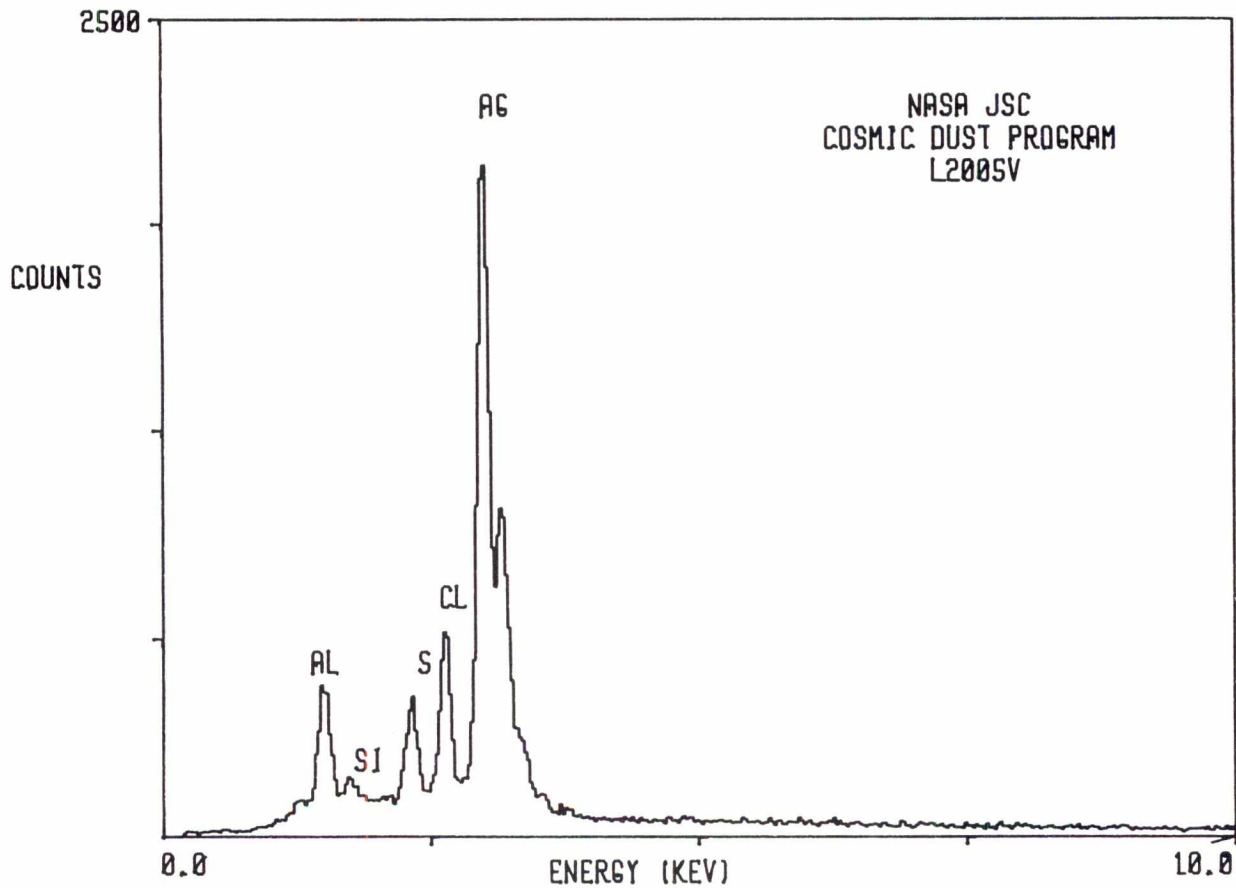


L2005 V 4

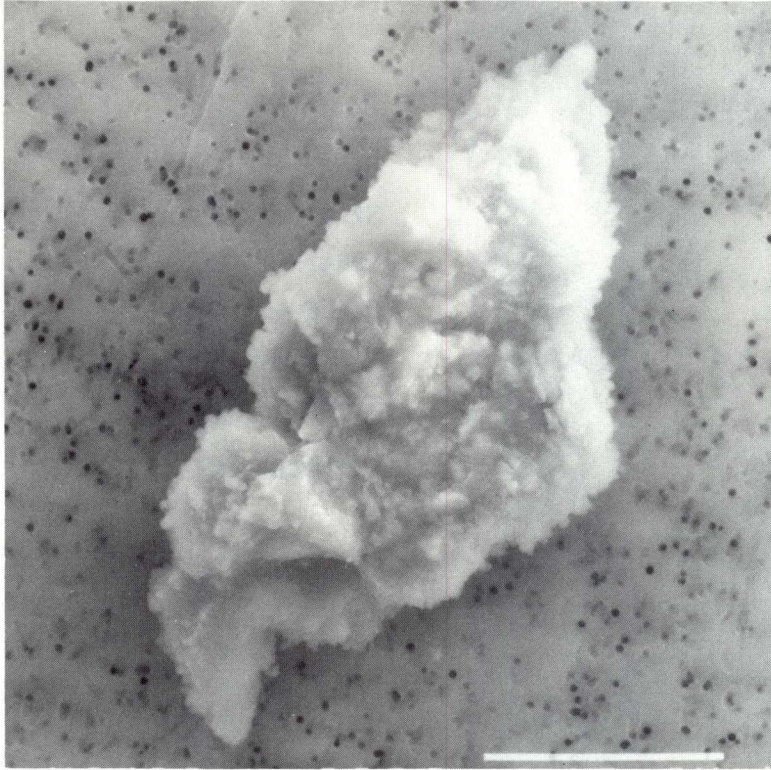


SIZE: 12x10  
SHAPE: I  
TRANS.: O  
COLOR: Grey  
LUSTER: M  
TYPE: TCA  
COMMENTS:

S-91-32292

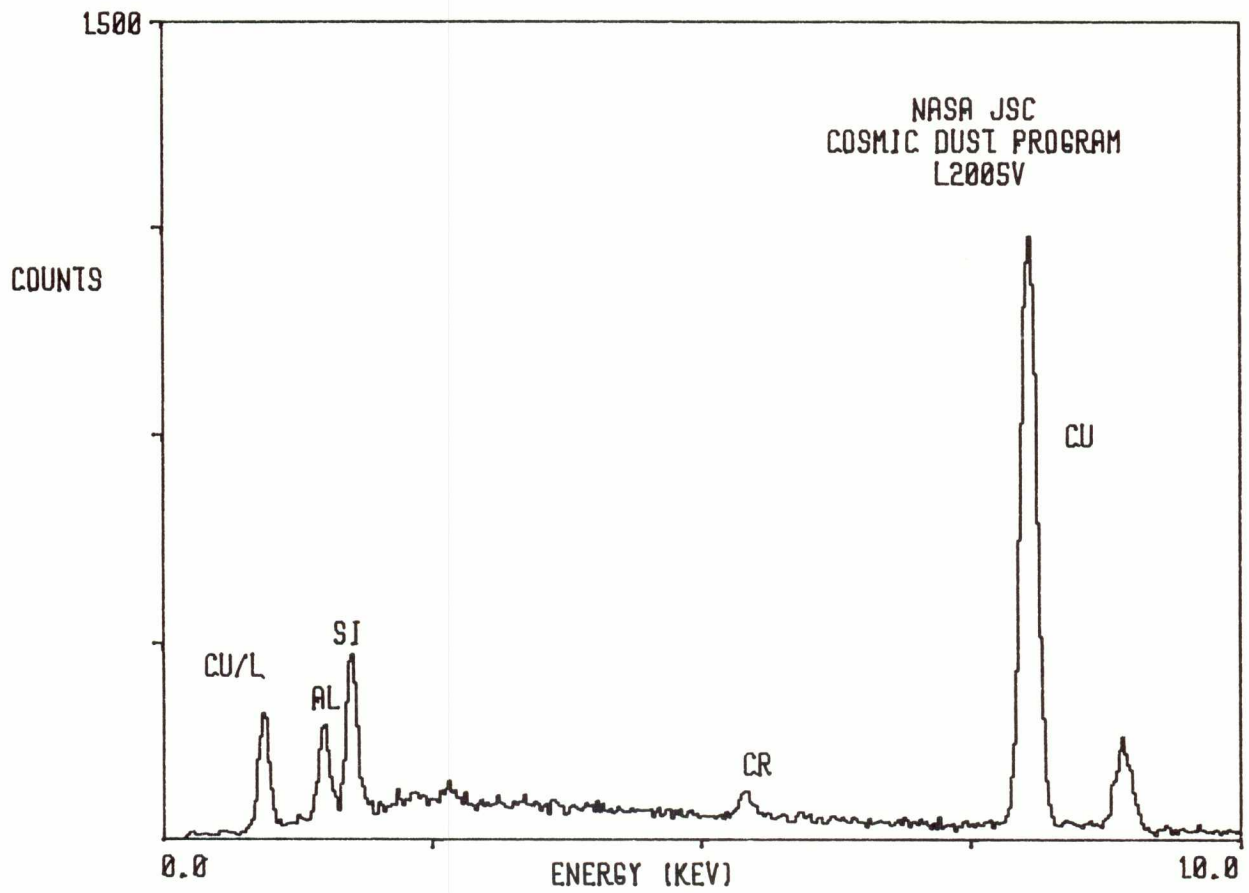


L2005 V 6

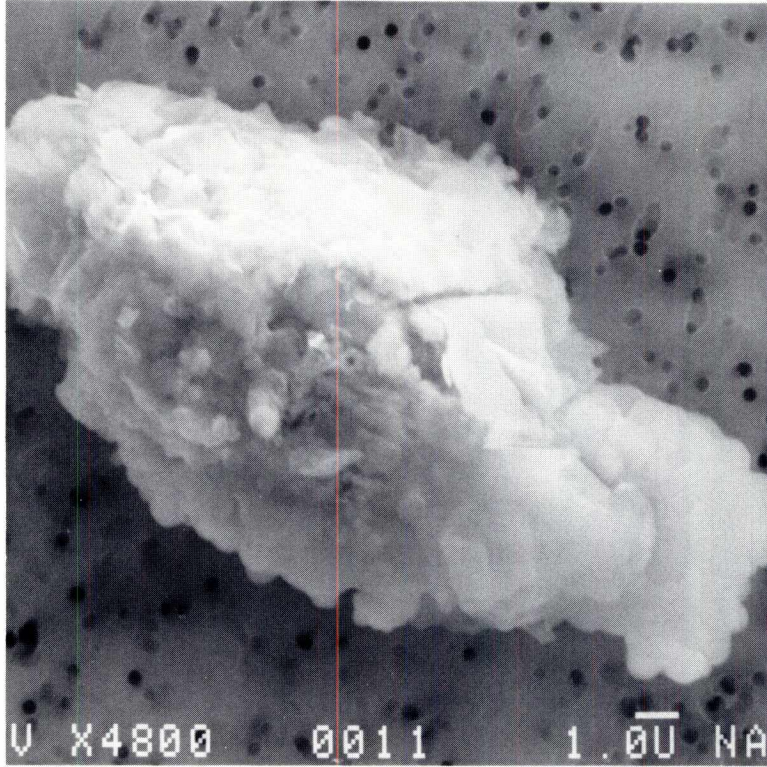


SIZE: 35x18  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SV/D  
TYPE: TCA  
COMMENTS:

S-91-32294

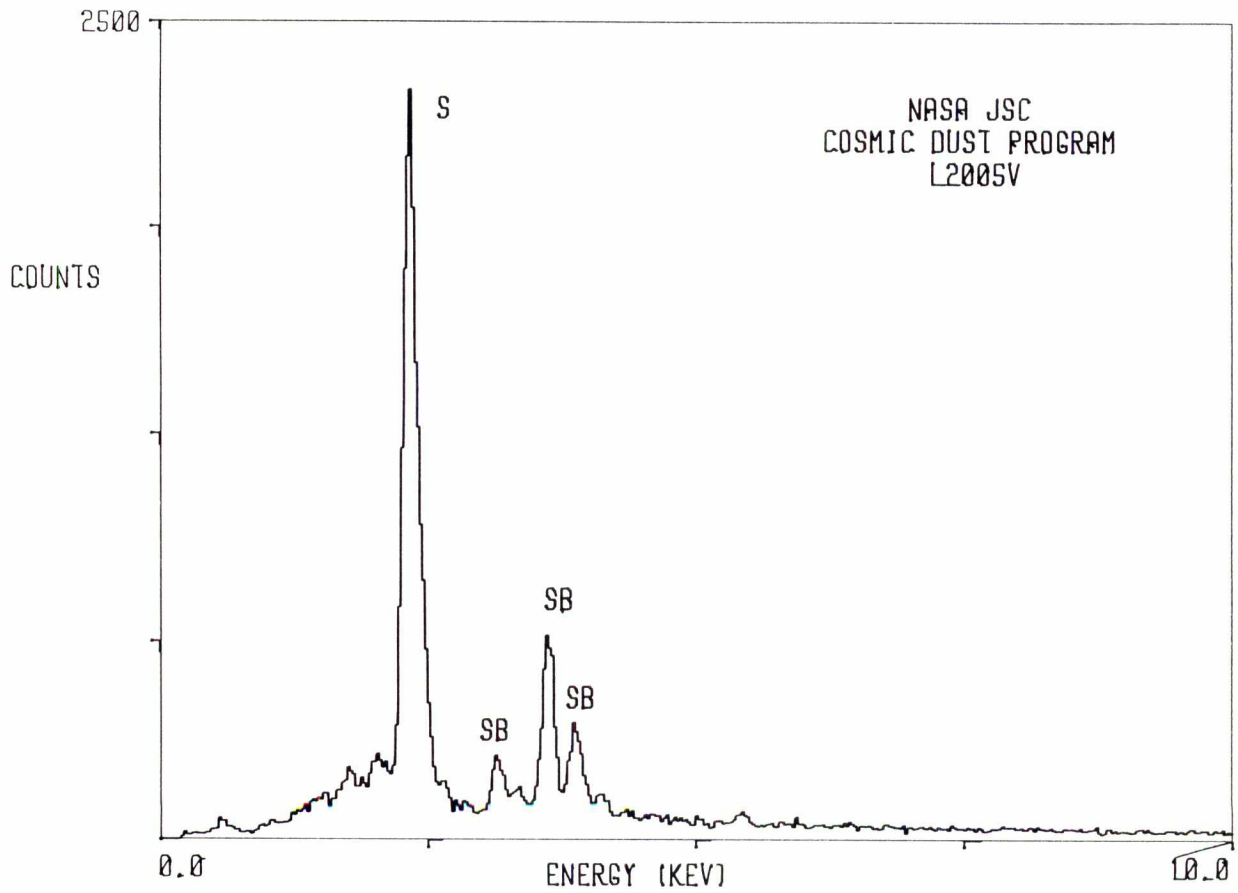


L2005 V 10

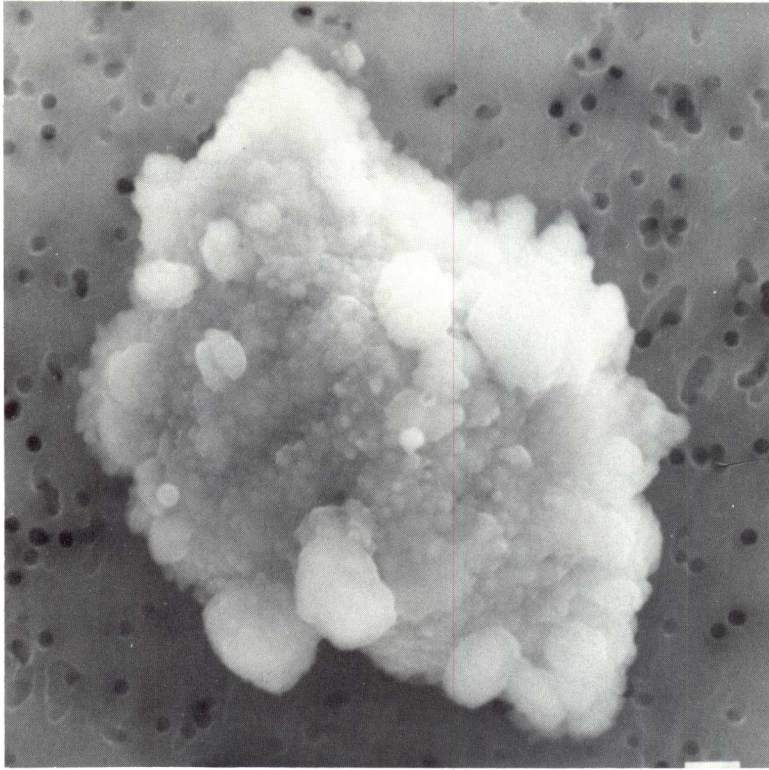


SIZE: 21x12  
SHAPE: I  
TRANS.: O  
COLOR: Grey  
LUSTER: M  
TYPE: TCA  
COMMENTS:

S-91-32298

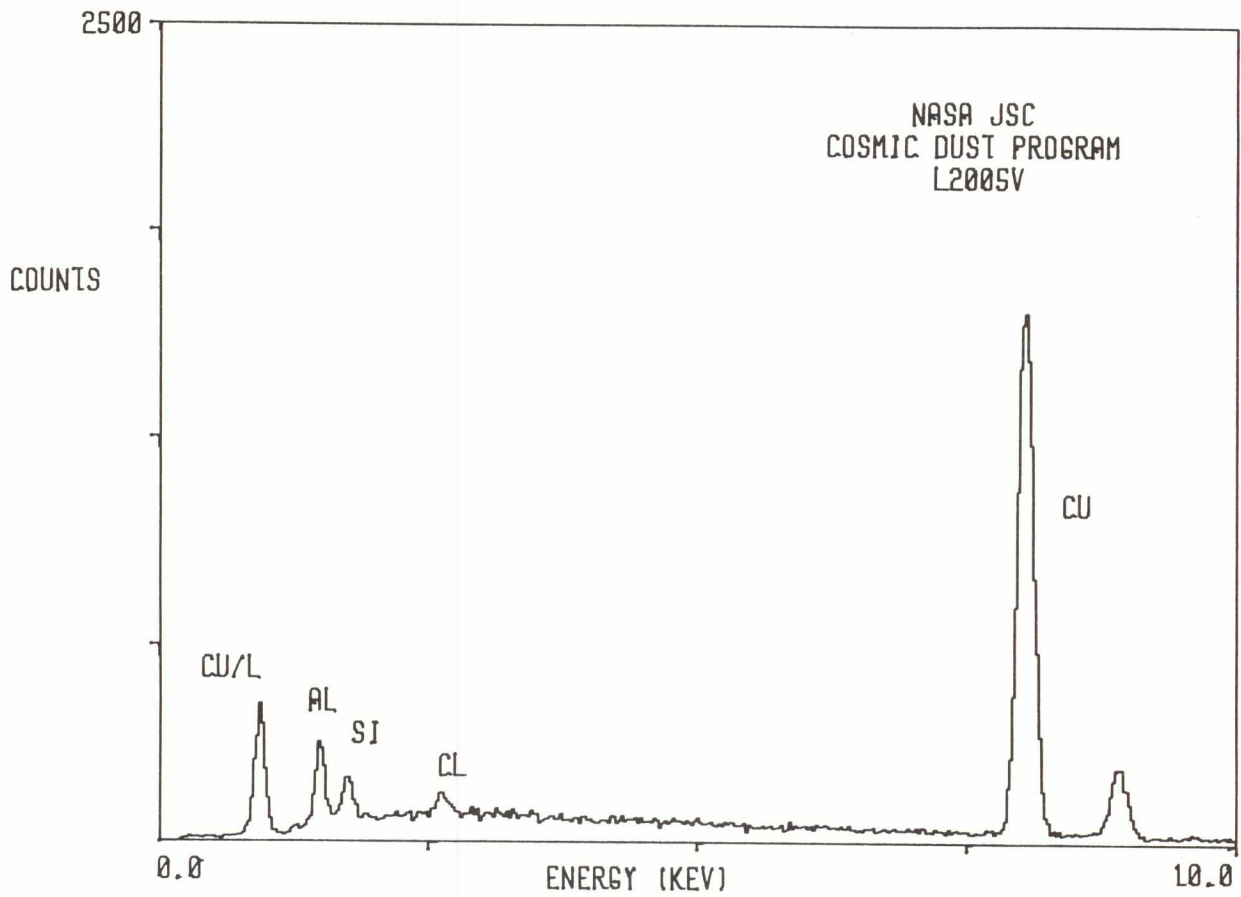


L2005 V 11



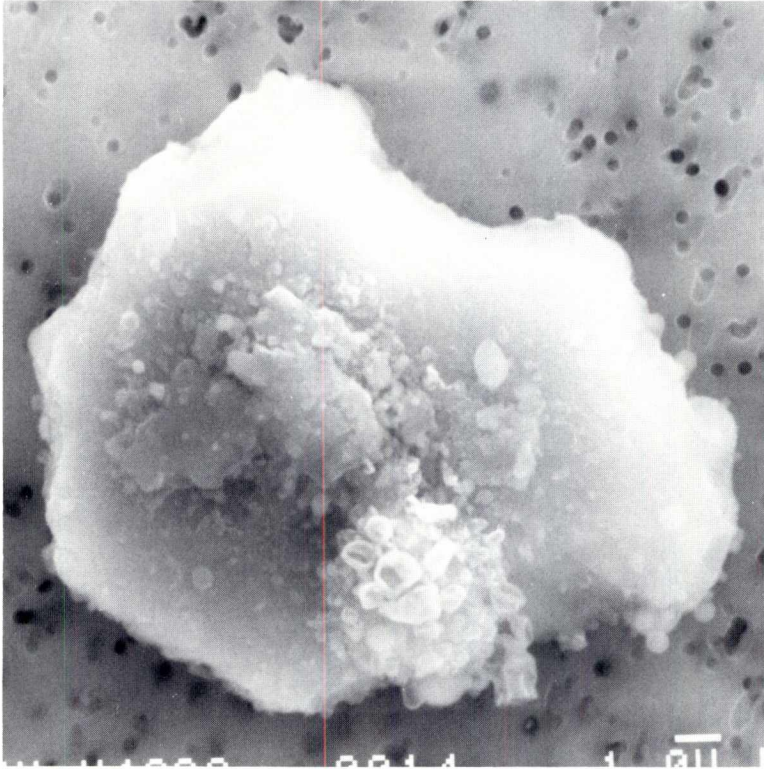
SIZE: 13x10  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SM  
TYPE: TCA  
COMMENTS:

S-91-32299



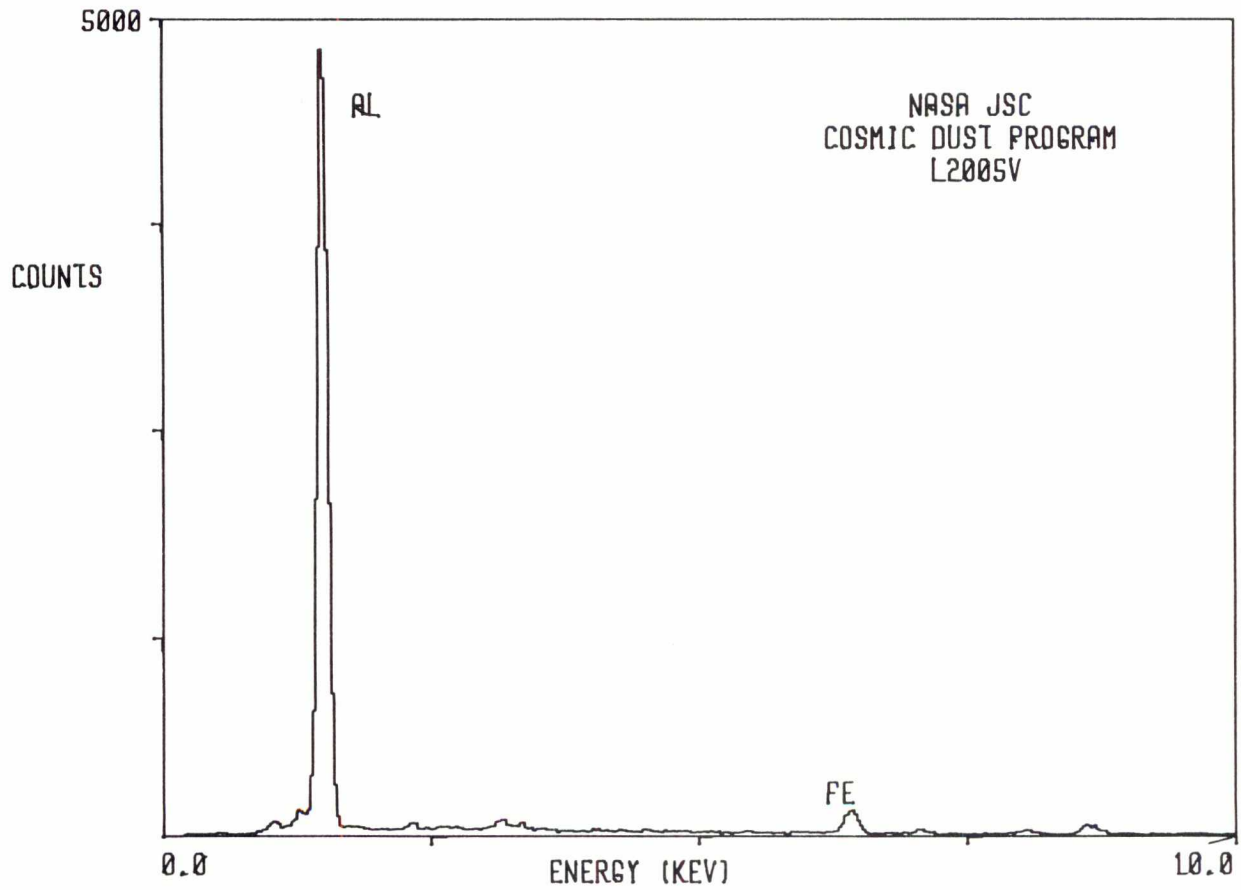


L2005 V 12

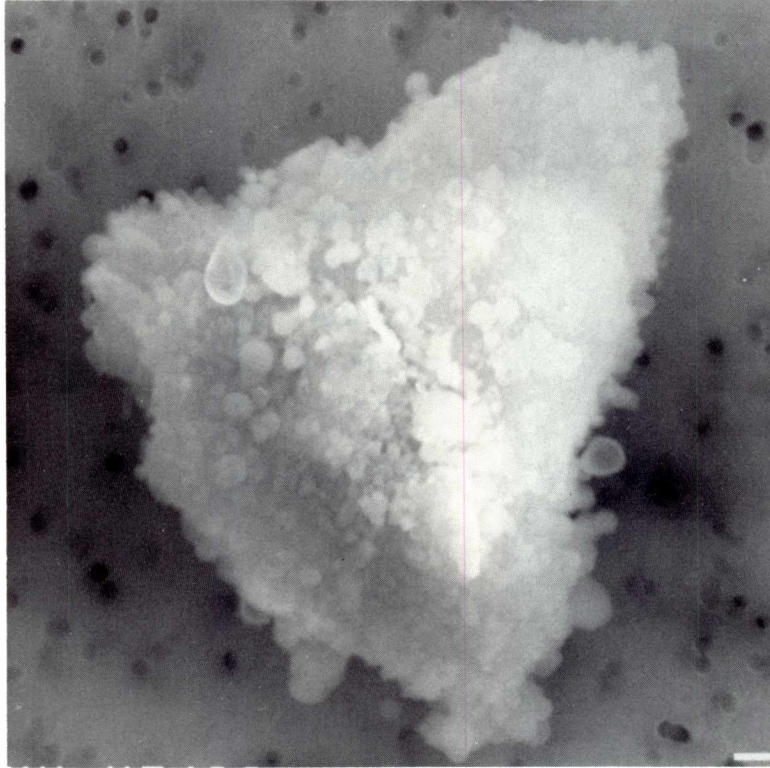


SIZE: 22x14  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SV  
TYPE: TCA  
COMMENTS:

S-91-32300

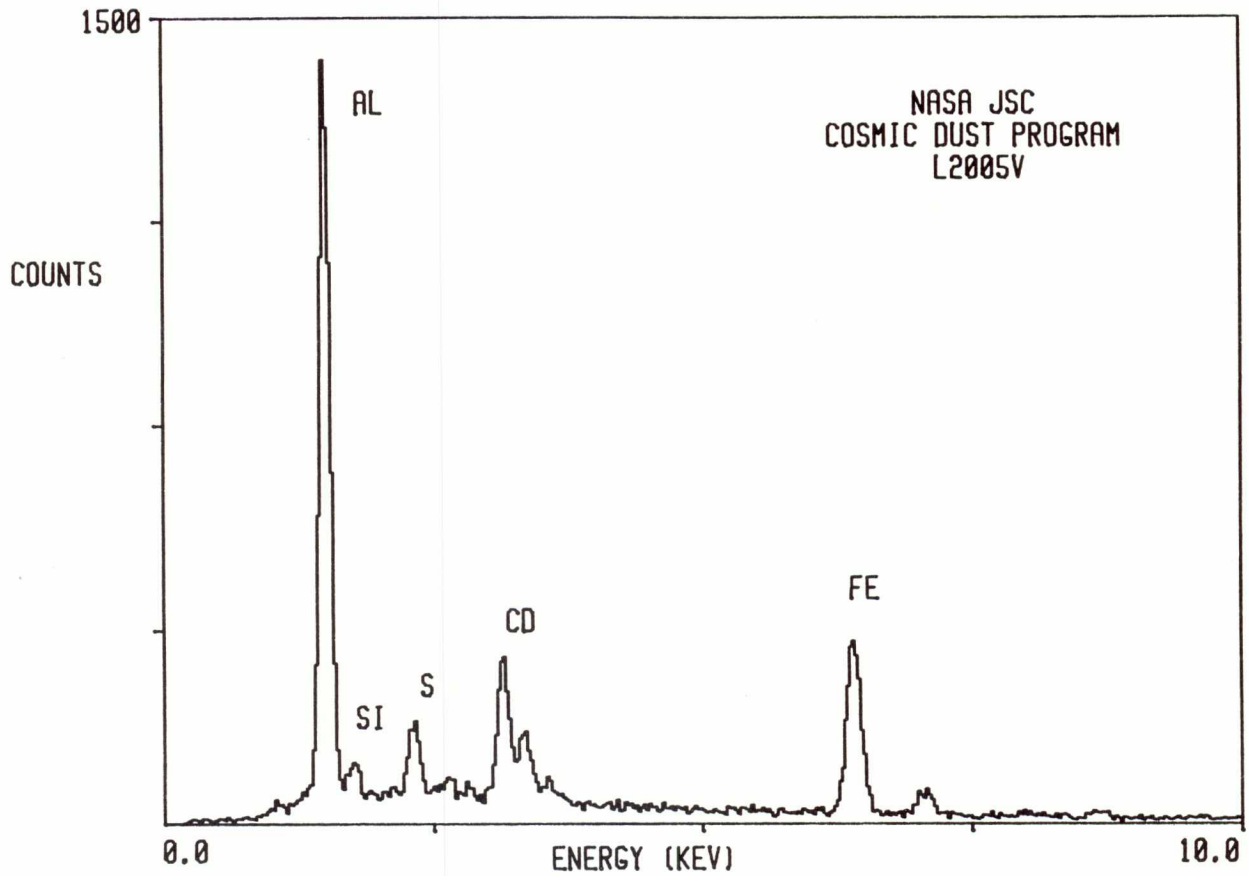


L2005 V 16

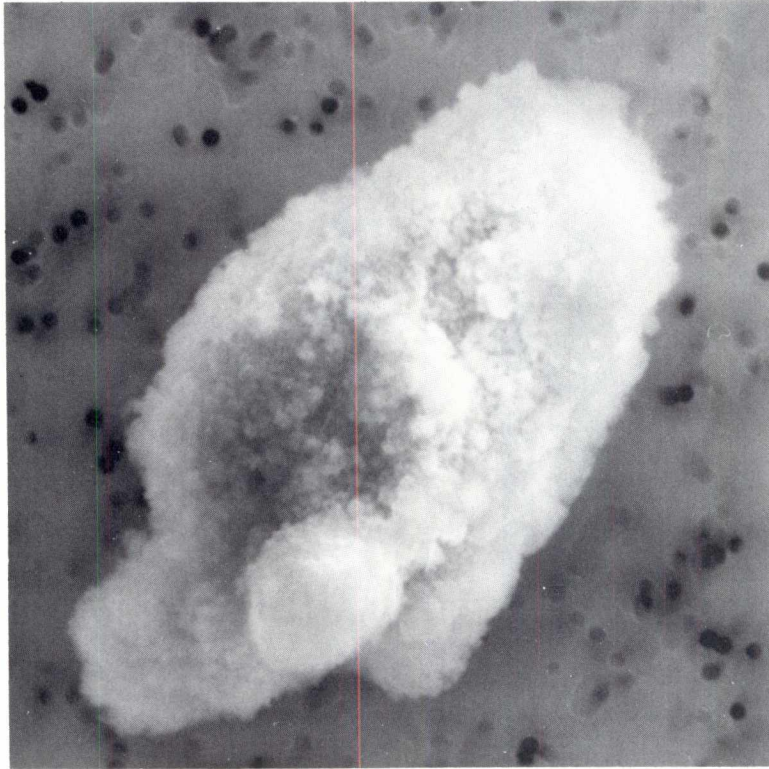


SIZE: 10x10  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SM  
TYPE: TCA  
COMMENTS:

S-91-32304

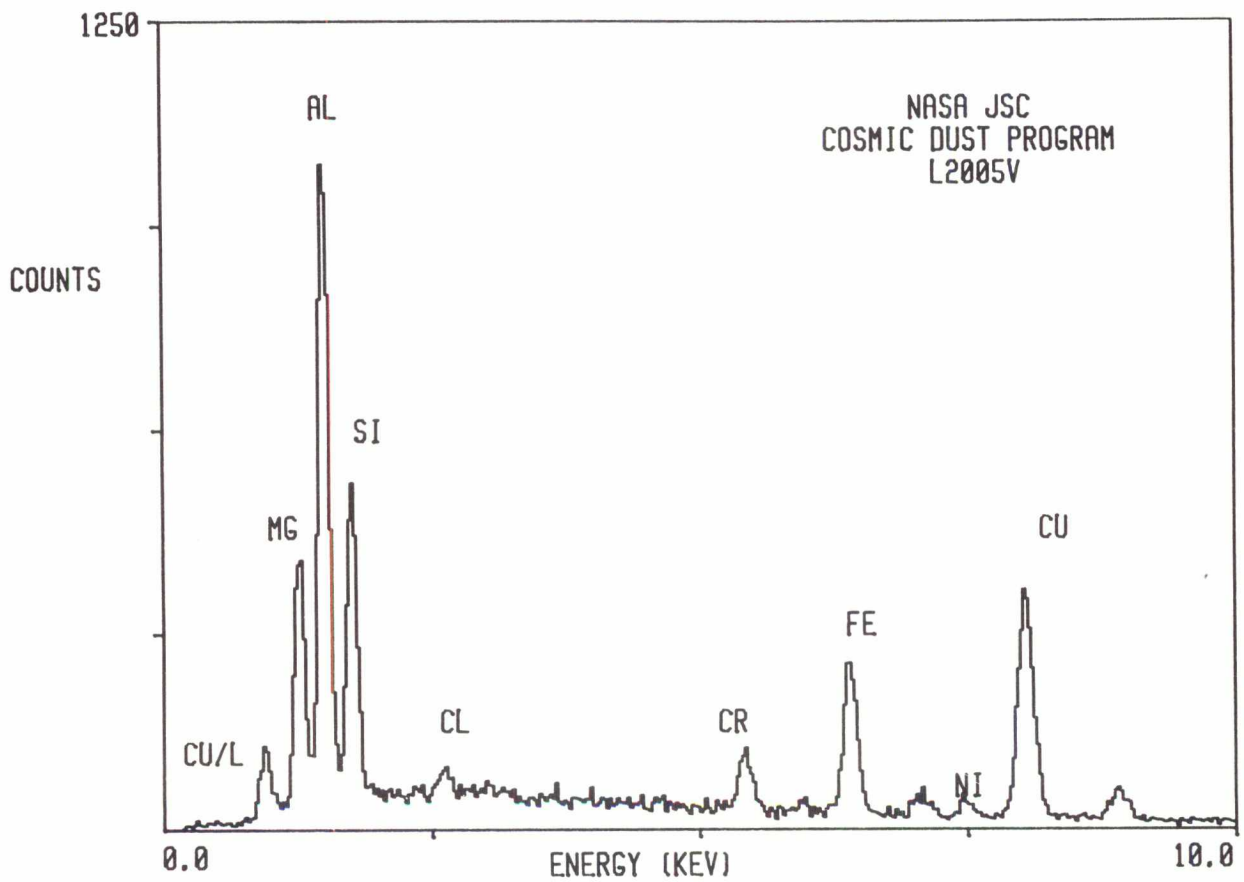


L2005 V 17

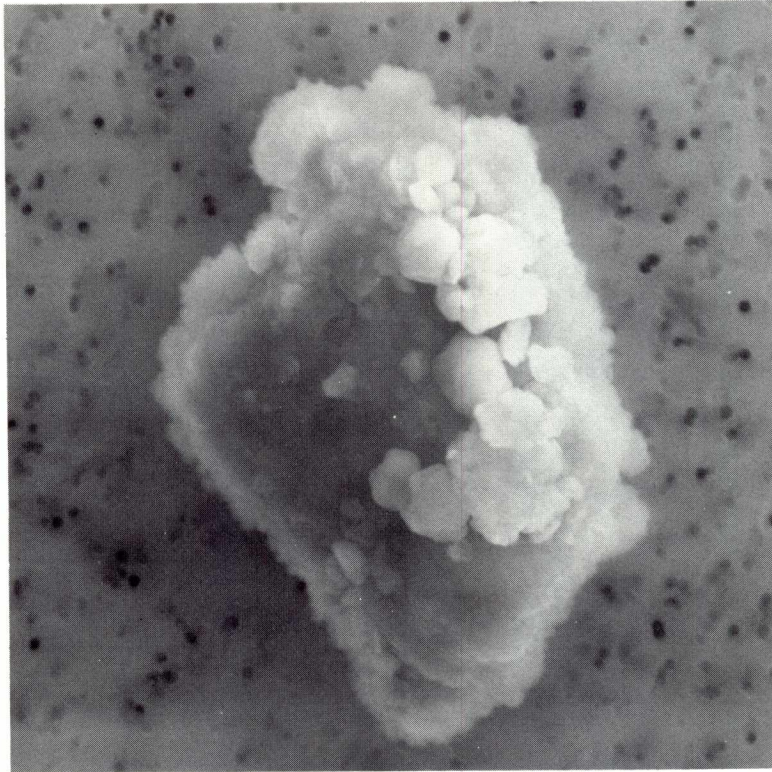


SIZE: 15x7  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SM/D  
TYPE: TCA  
COMMENTS:

S-91-32305

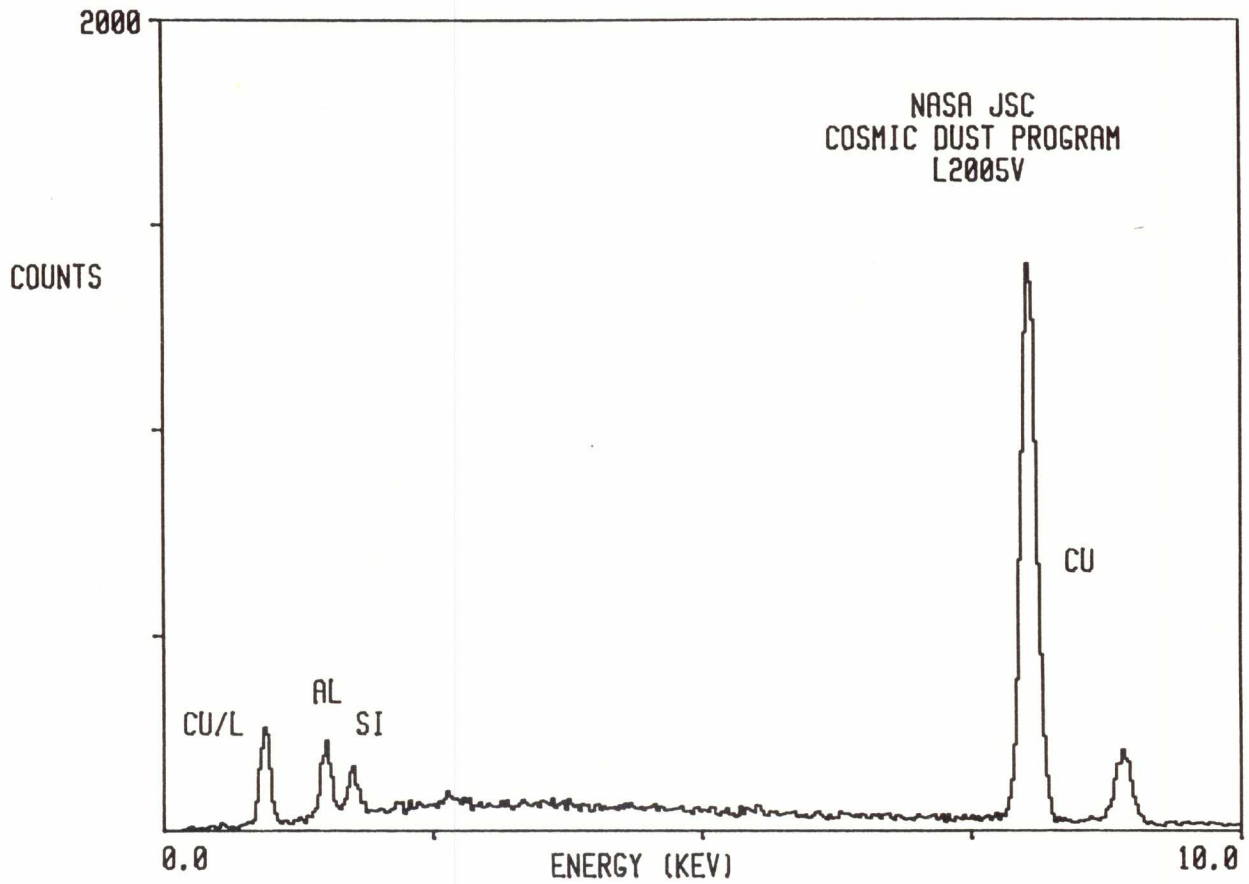


L2005 V 18

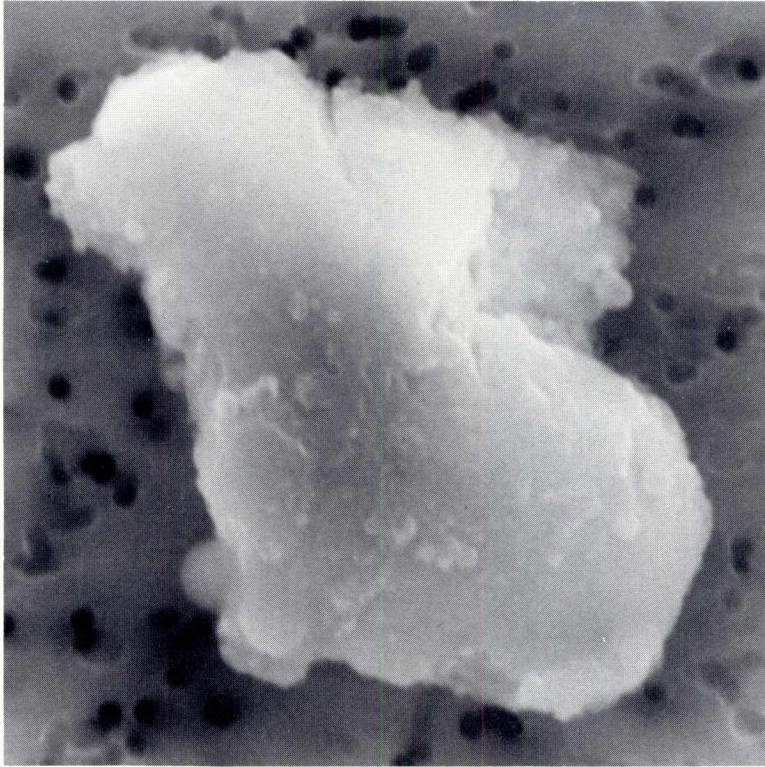


SIZE: 19x15  
SHAPE: I  
TRANS.: O  
COLOR: Brown to Gold  
LUSTER: SM  
TYPE: TCA  
COMMENTS:

S-91-32306

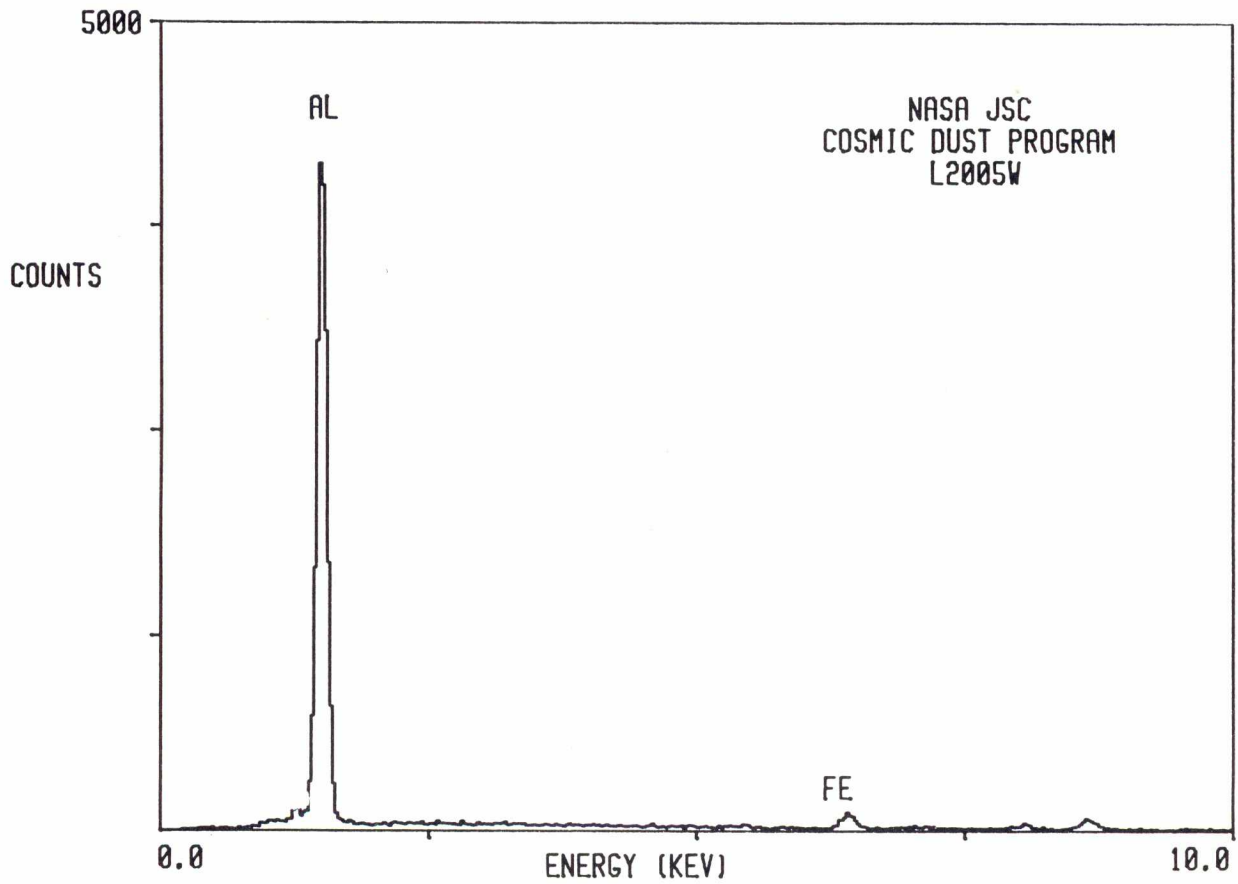


L2005 W 1

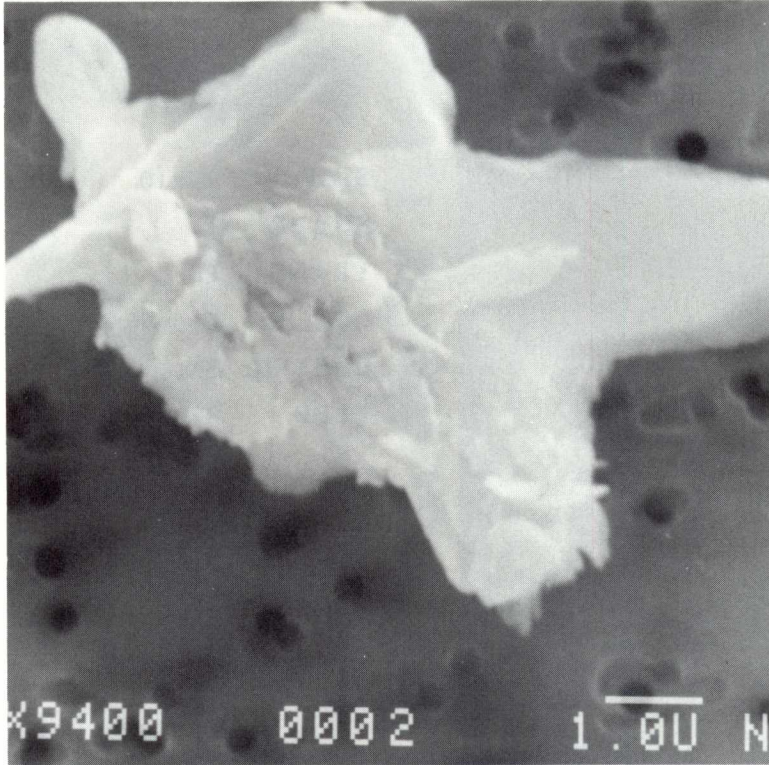


SIZE: 10x8  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SM  
TYPE: TCA  
COMMENTS:

S-91-32343

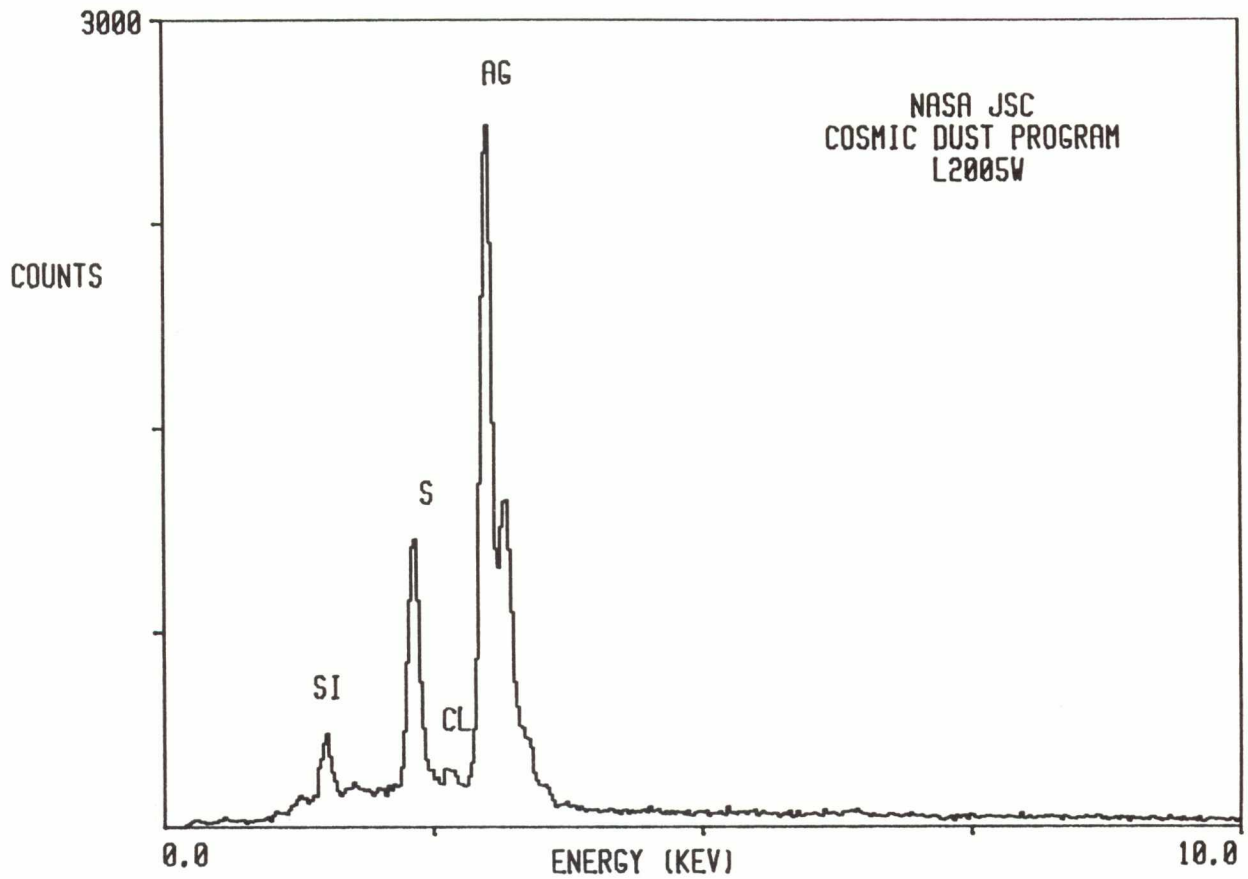


L2005 W 2

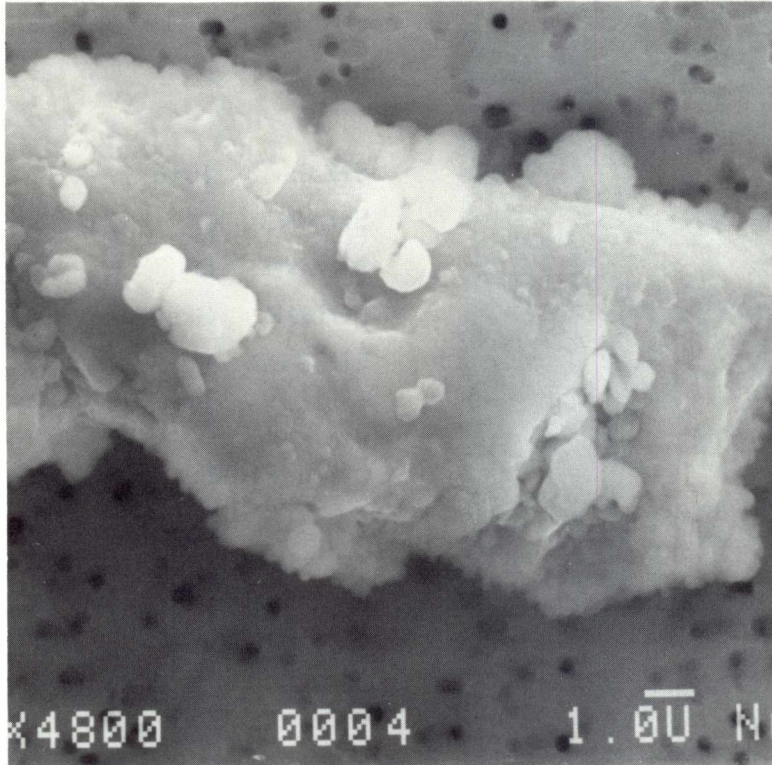


SIZE: 10x6  
SHAPE: I  
TRANS.: O  
COLOR: Grey  
LUSTER: M  
TYPE: TCA  
COMMENTS:

S-91-32344

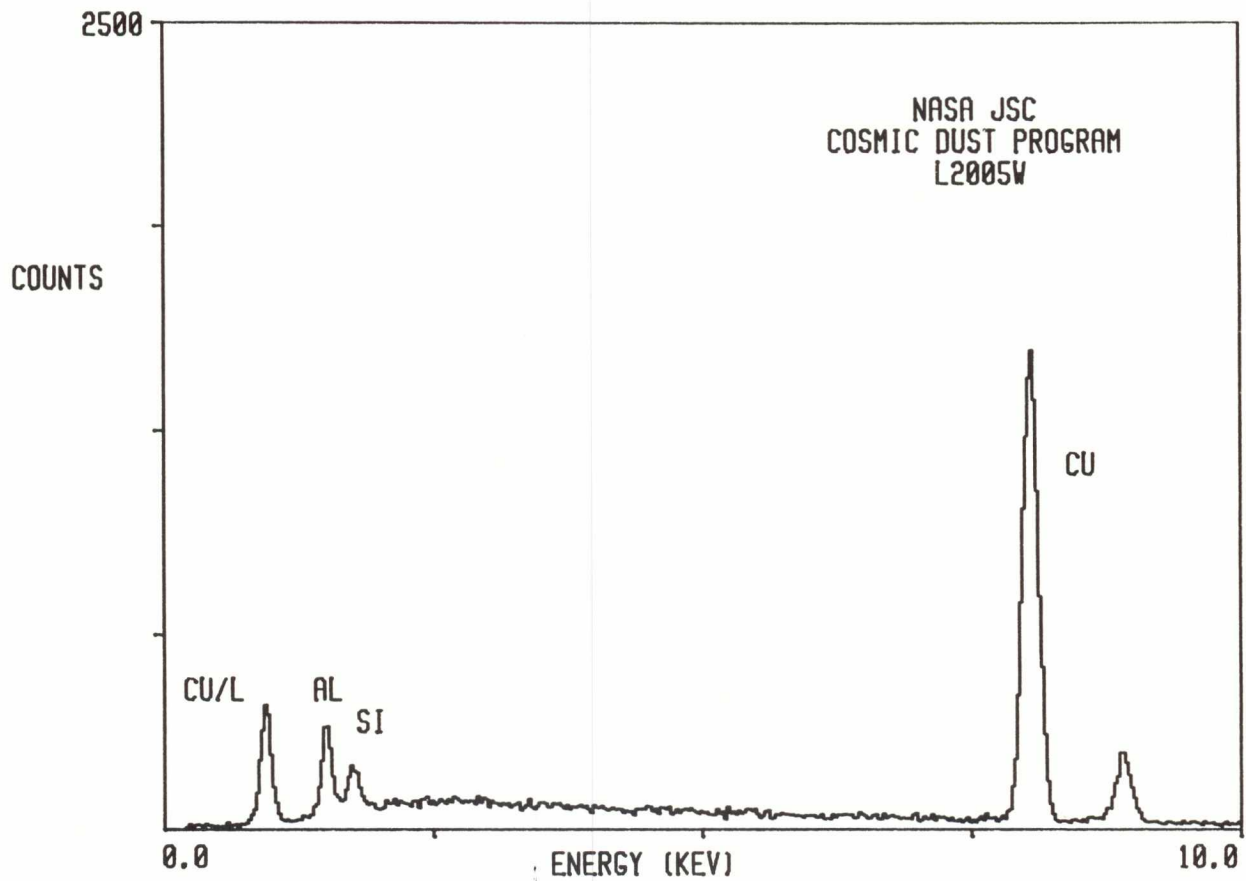


L2005 W 4

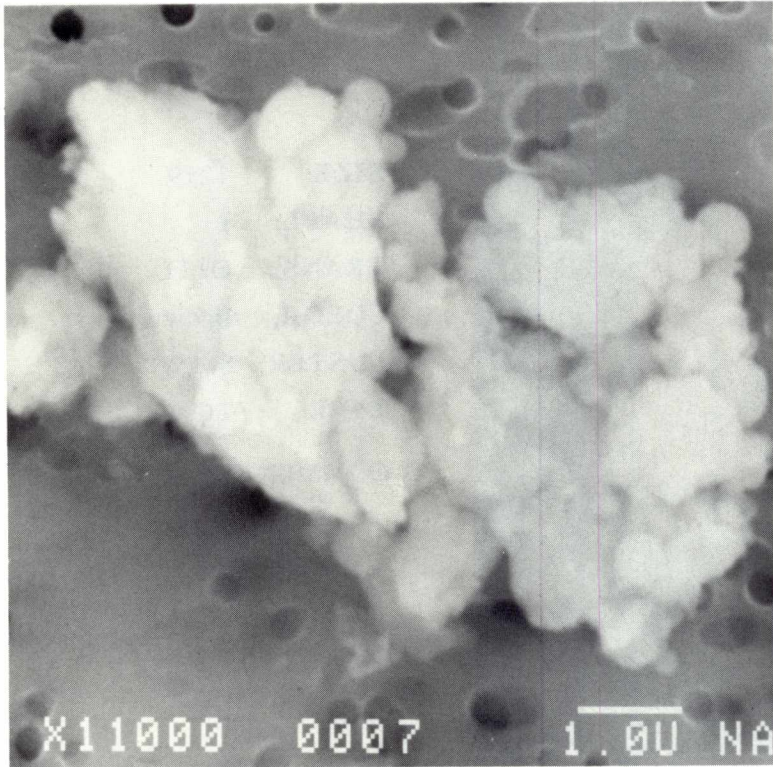


SIZE: 19x10  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SM  
TYPE: TCA  
COMMENTS:

S-91-32346

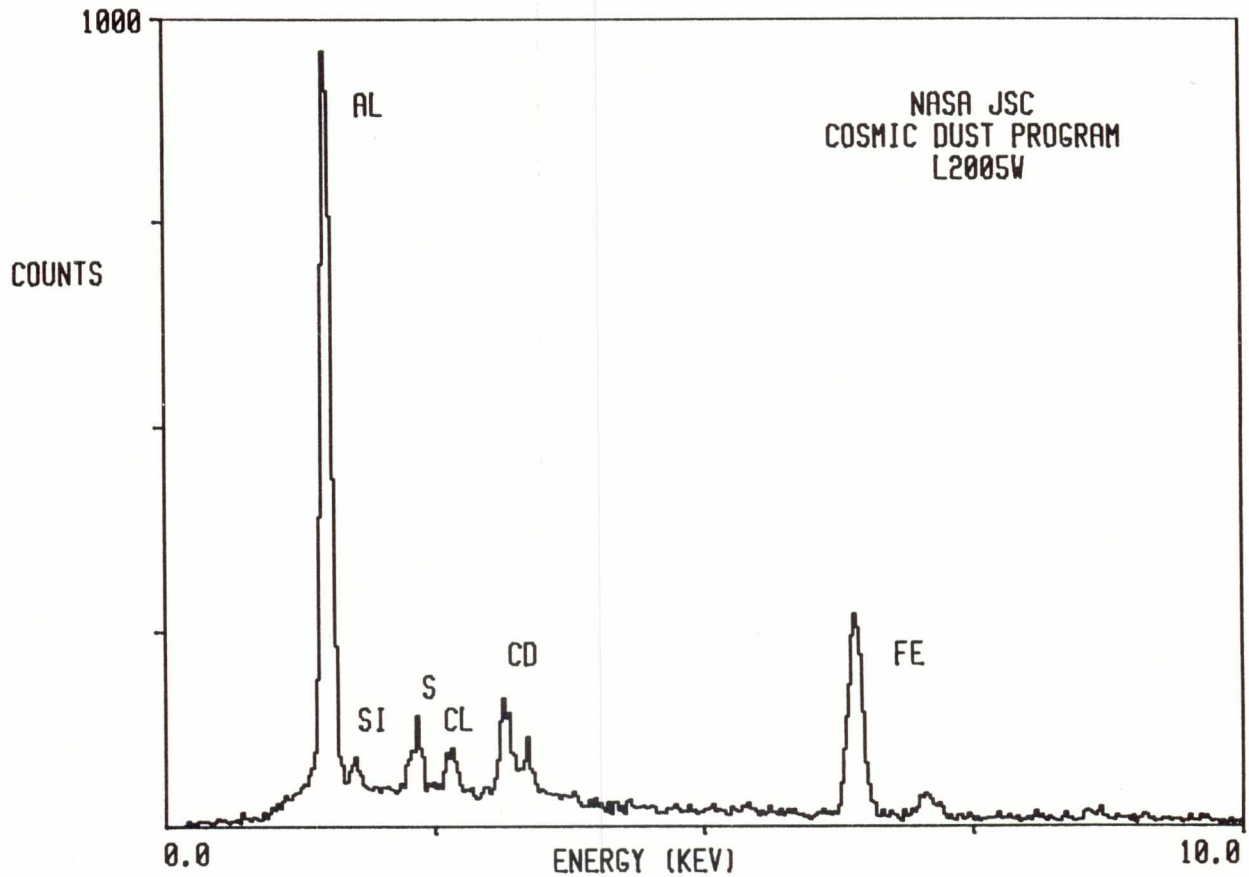


L2005 W 7



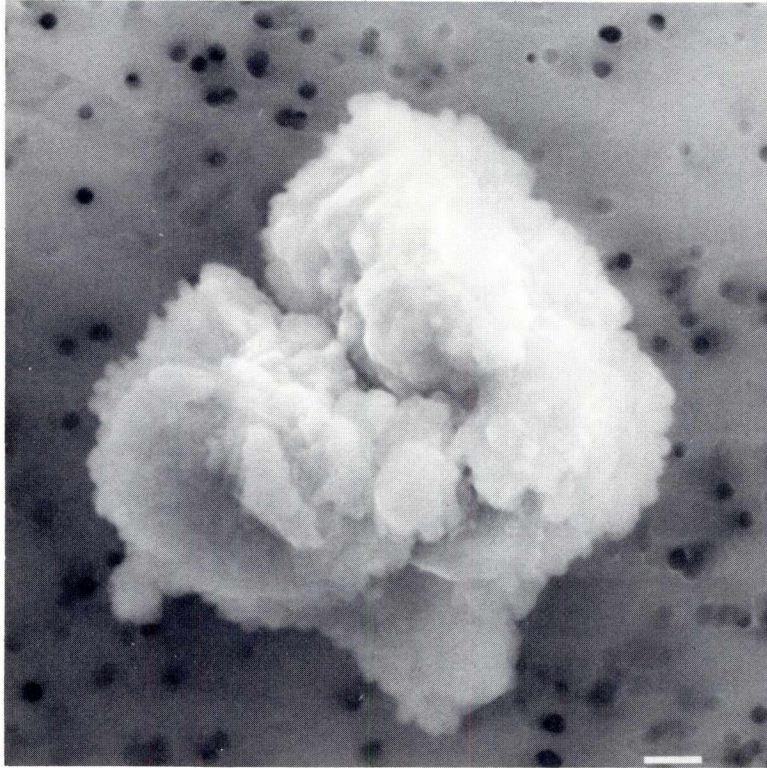
SIZE: 8x6  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV/D  
TYPE: TCA  
COMMENTS:

S-91-32349



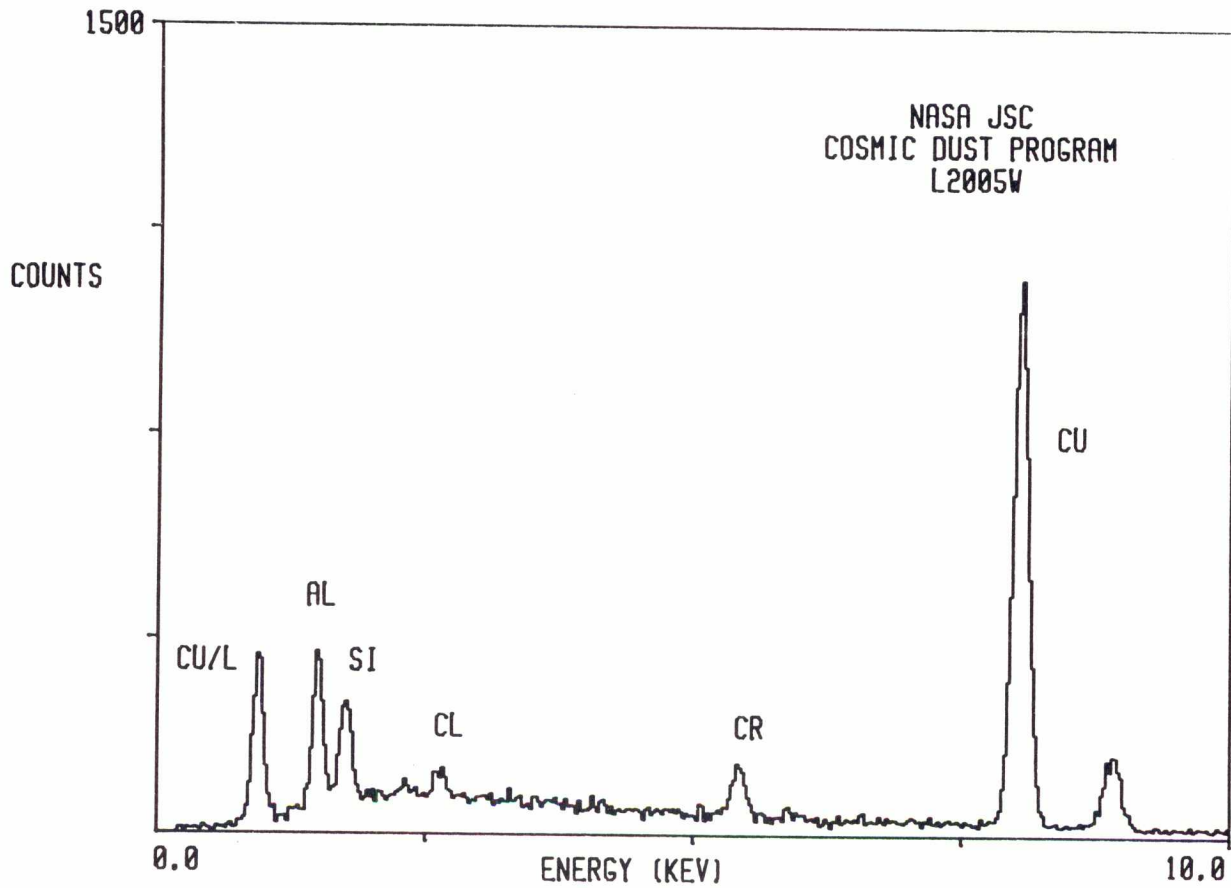


L2005 W 12

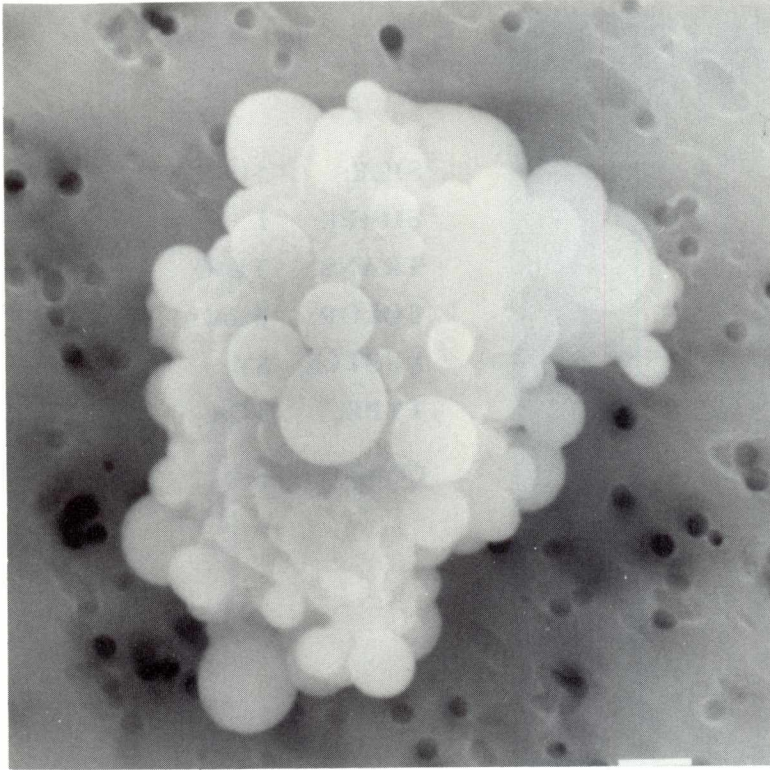


SIZE: 12x9  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SM/V  
TYPE: TCA  
COMMENTS:

S-91-32354

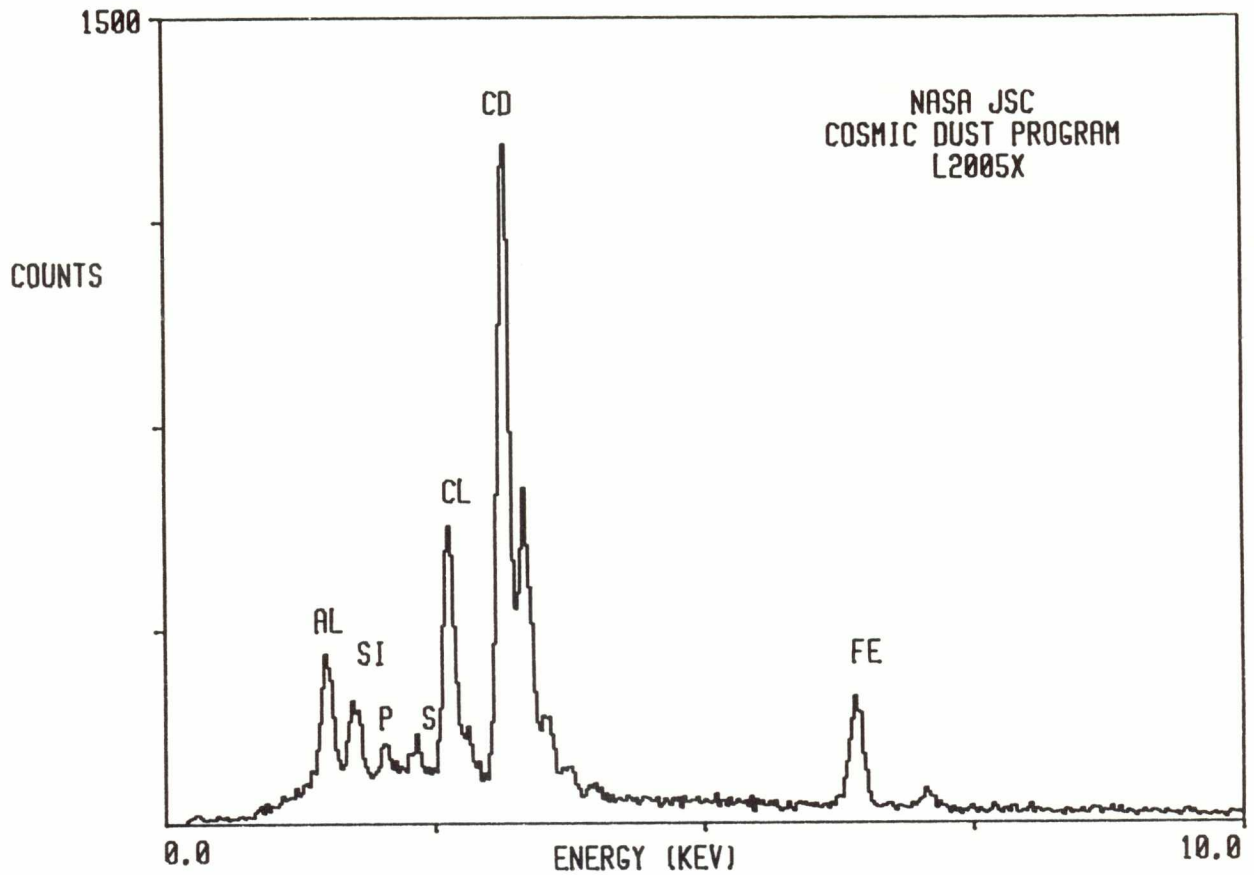


L2005 X 3

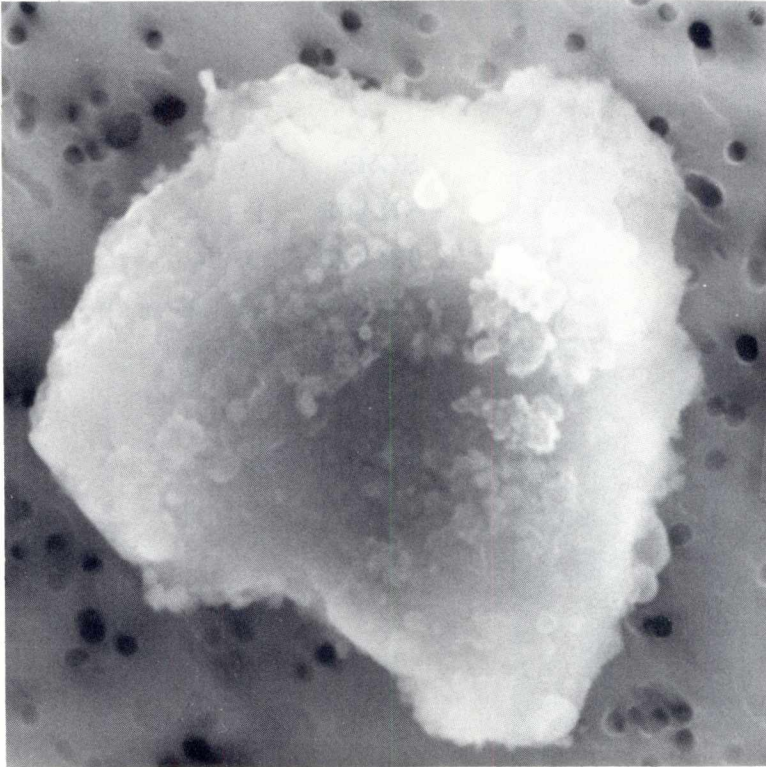


SIZE: 9x7  
SHAPE: I  
TRANS.: O/TL  
COLOR: Yellow to Brown  
LUSTER: SM/SV  
TYPE: TCA  
COMMENTS:

S-91-32179

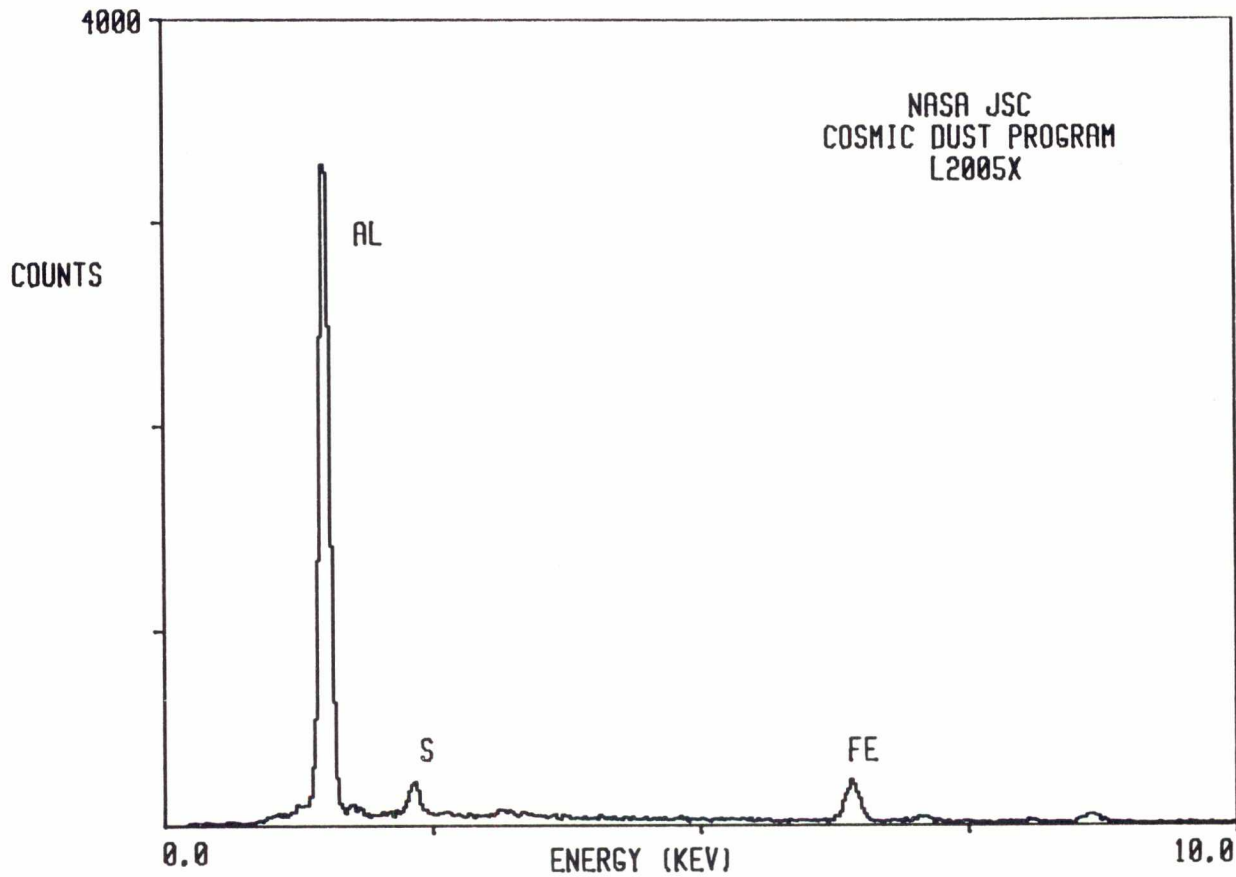


L2005 X 6

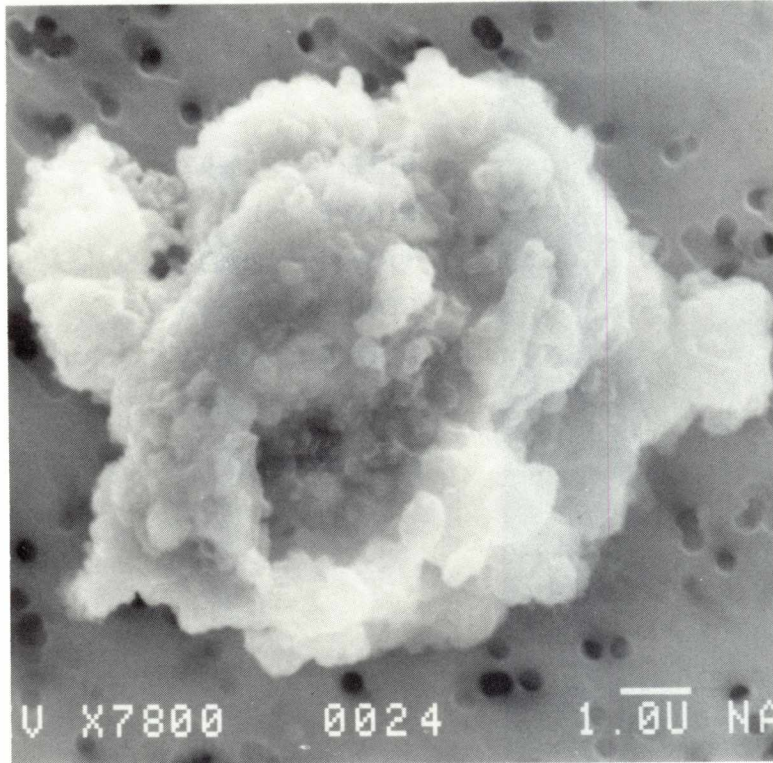


SIZE: 11x10  
SHAPE: I  
TRANS.: TL/O  
COLOR: Brown  
LUSTER: SV  
TYPE: TCA  
COMMENTS:

S-91-32182

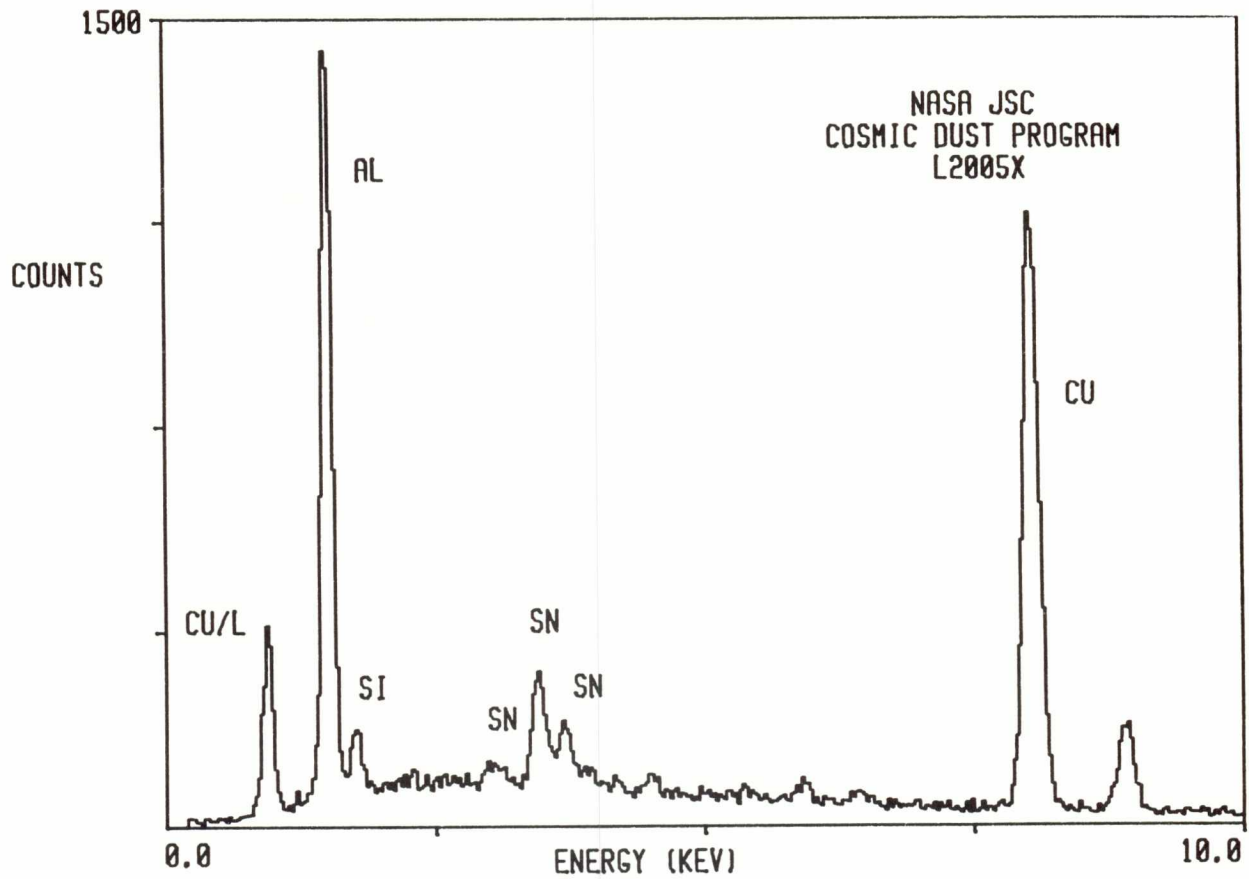


L2005 X 8

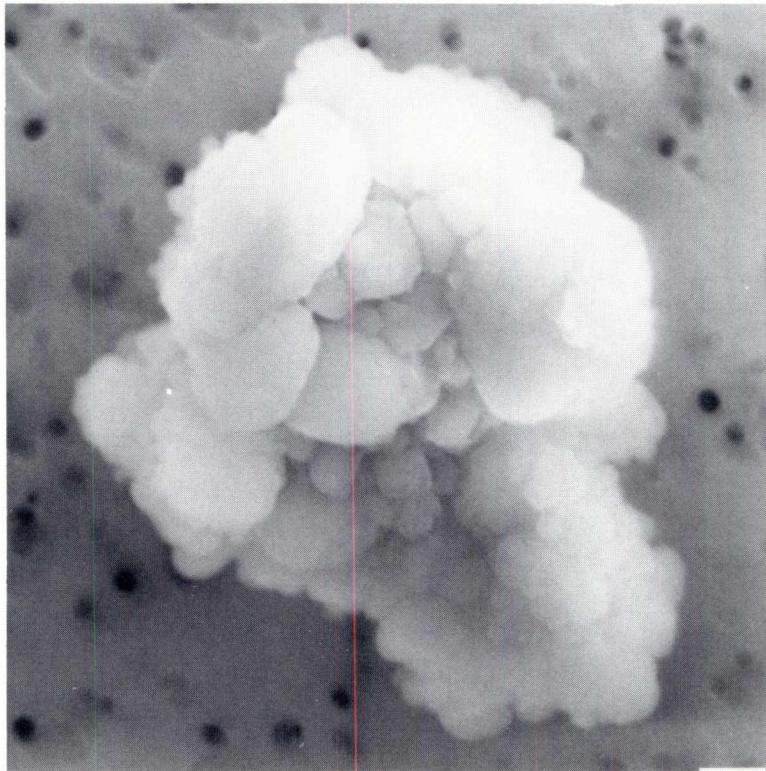


SIZE: 11x10  
SHAPE: I  
TRANS.: O  
COLOR: Grey  
LUSTER: M  
TYPE: TCA  
COMMENTS:

S-91-32184

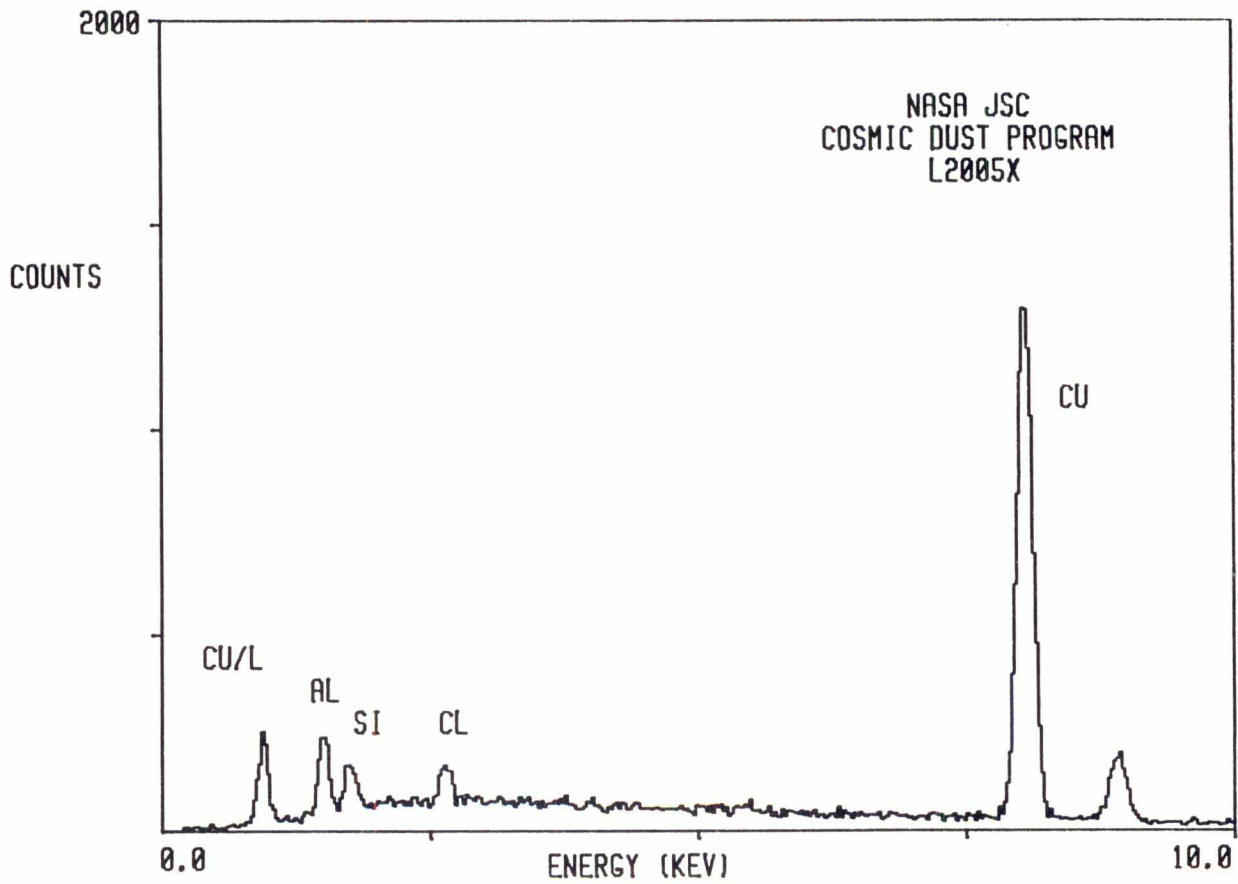


L2005 X 10

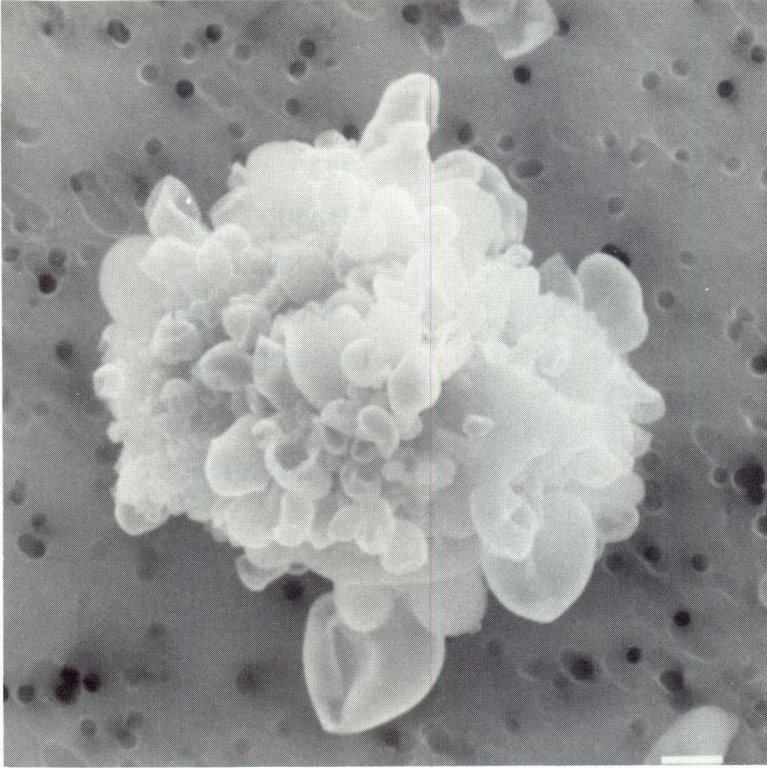


SIZE: 11x9  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SM/SV  
TYPE: TCA  
COMMENTS:

S-91-32186



L2005 X 12



SIZE: 12x10

SHAPE: I

TRANS.: O

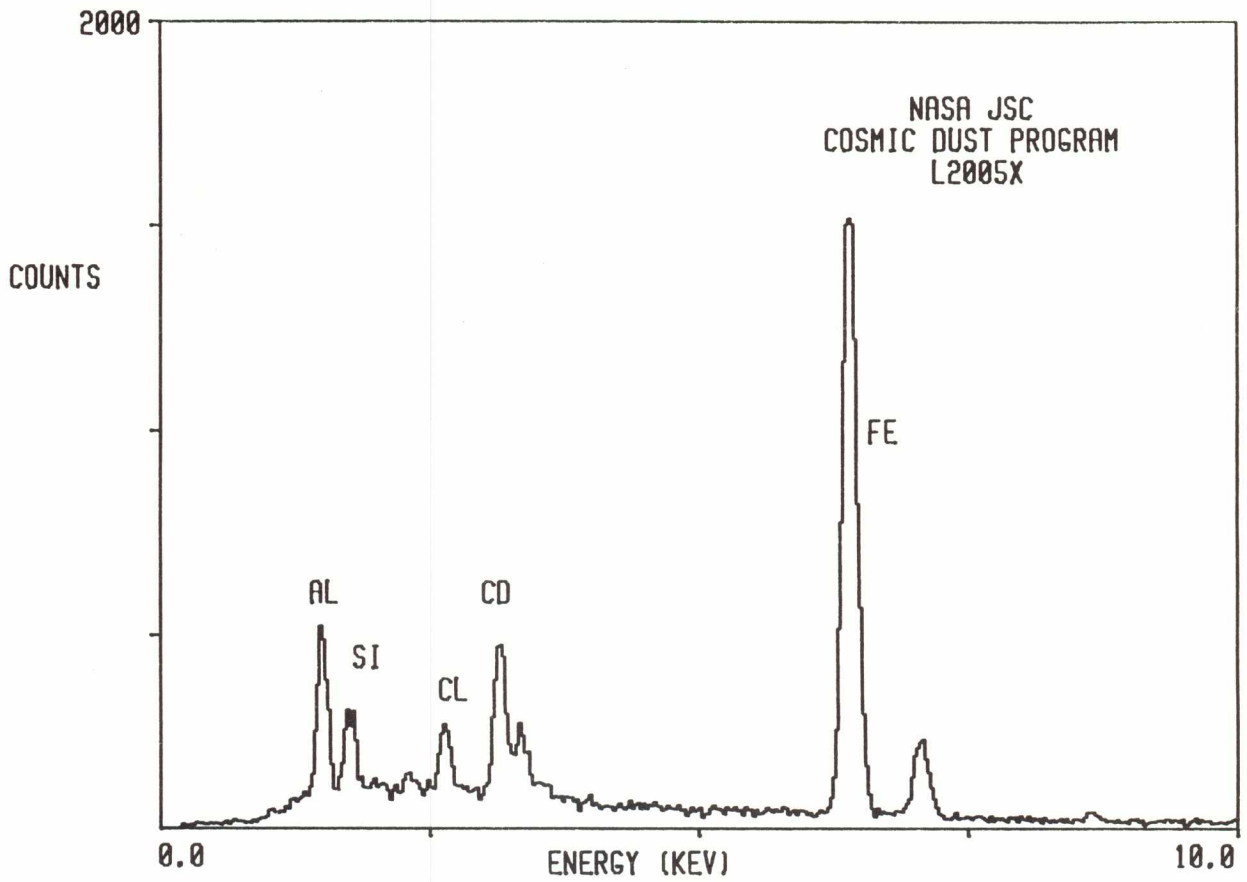
COLOR: Black

LUSTER: SM

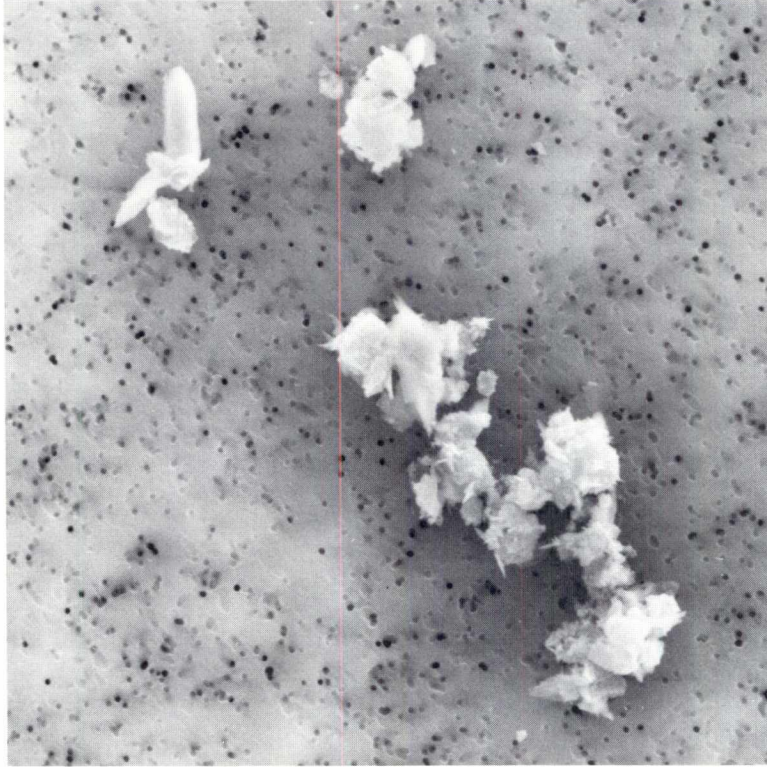
TYPE: TCA

COMMENTS:

S-91-32188

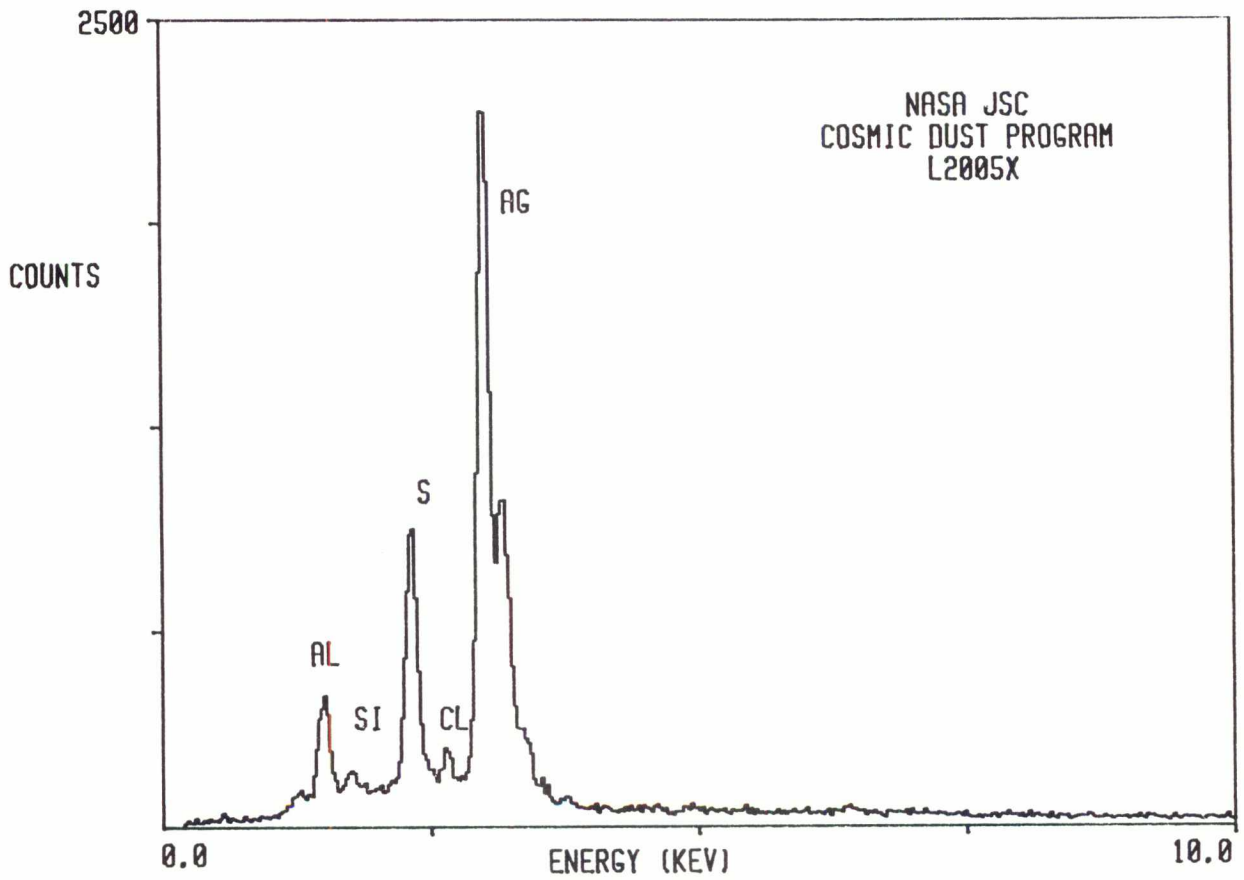


L2005 X 13

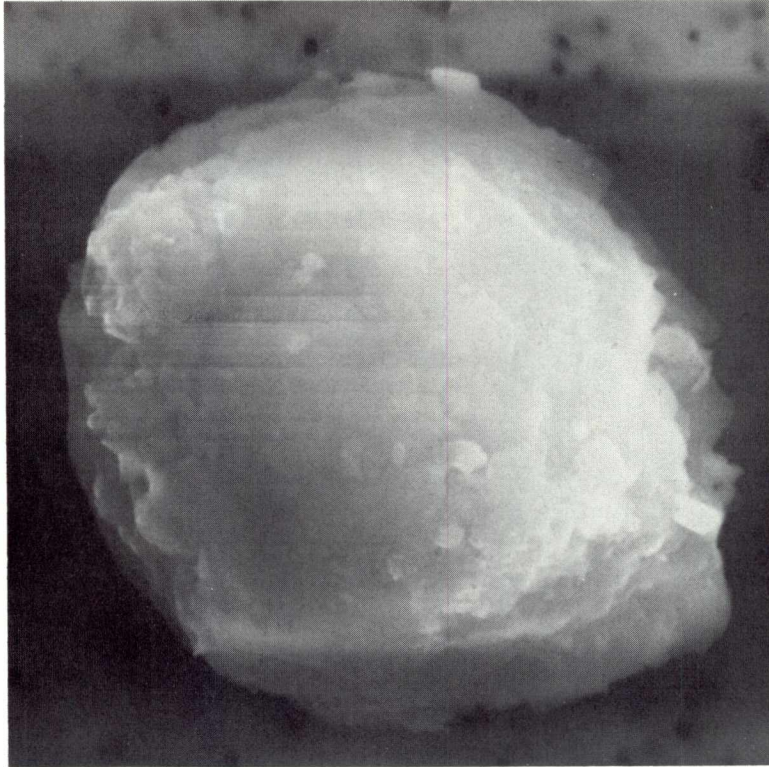


SIZE: 25x10  
SHAPE: I  
TRANS.: O  
COLOR: Grey  
LUSTER: M  
TYPE: TCA  
COMMENTS:

S-91-32189

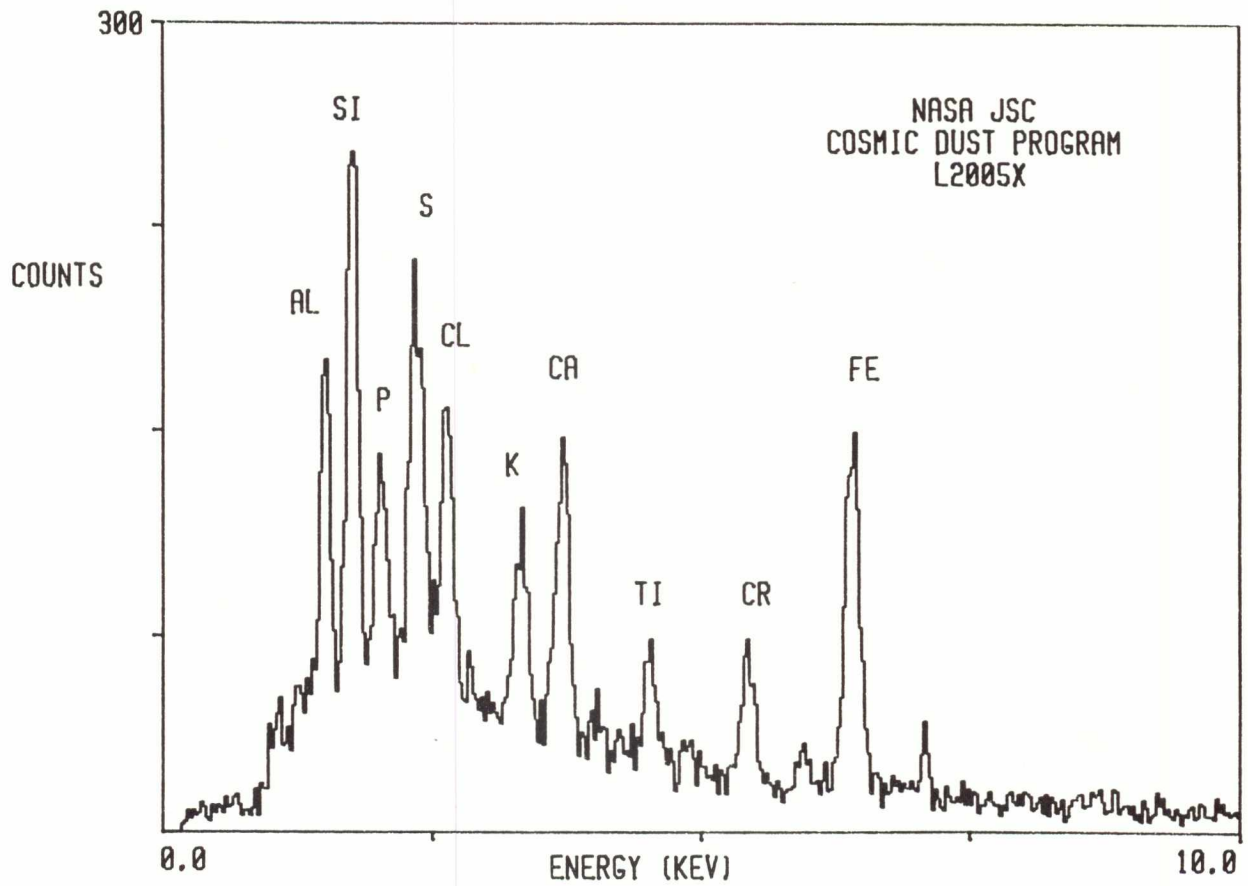


L2005 X 16



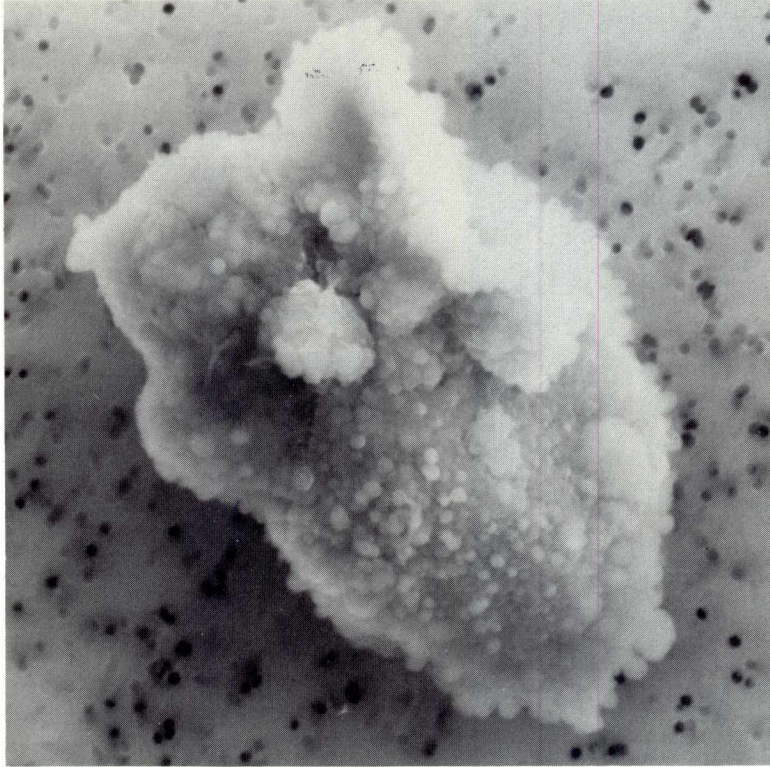
SIZE: 14x12  
SHAPE: S  
TRANS.: TL/O  
COLOR: Brown  
LUSTER: SM/SV  
TYPE: TCA  
COMMENTS:

S-91-32192



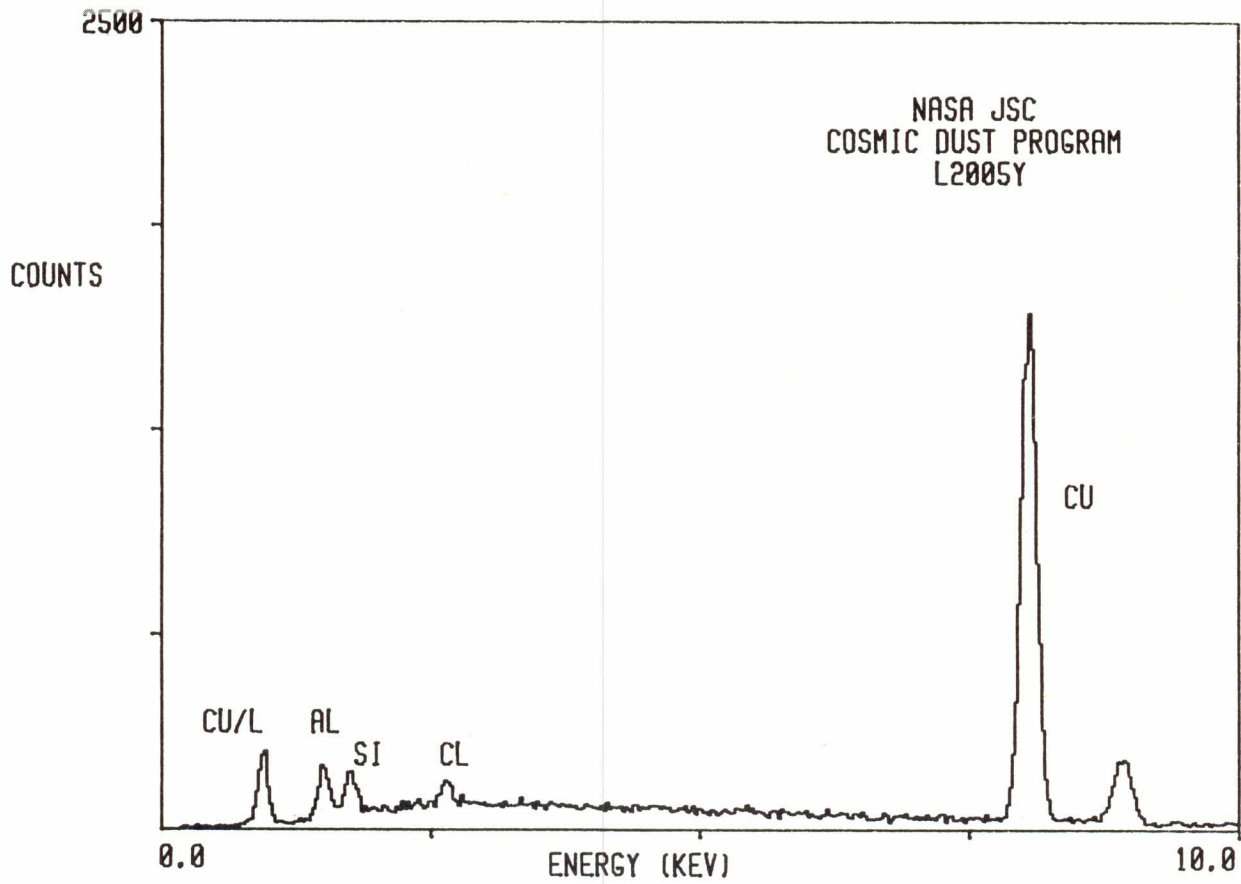


L2005 Y 2

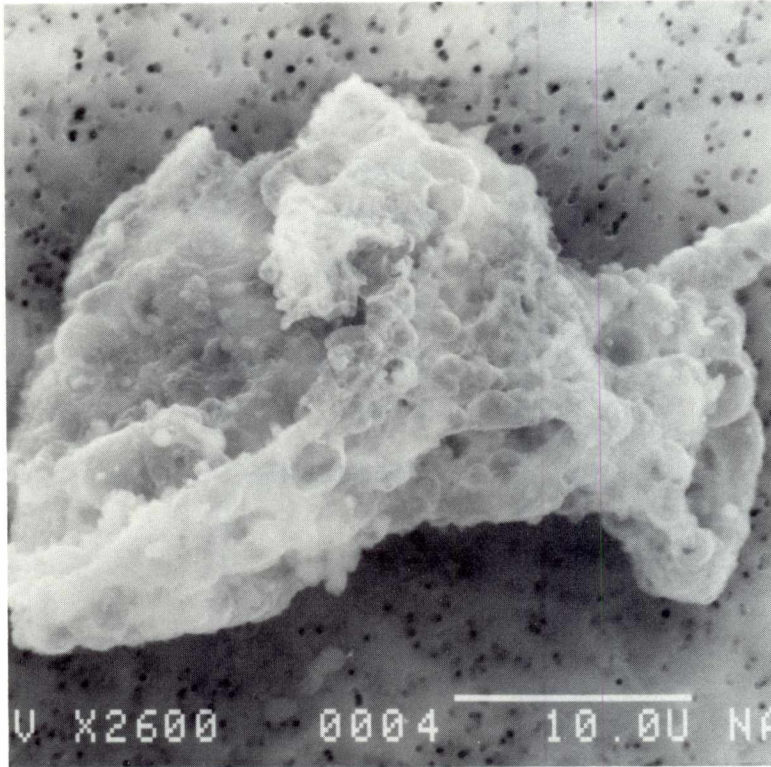


SIZE: 21x14  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SM  
TYPE: TCA  
COMMENTS:

S-91-32146

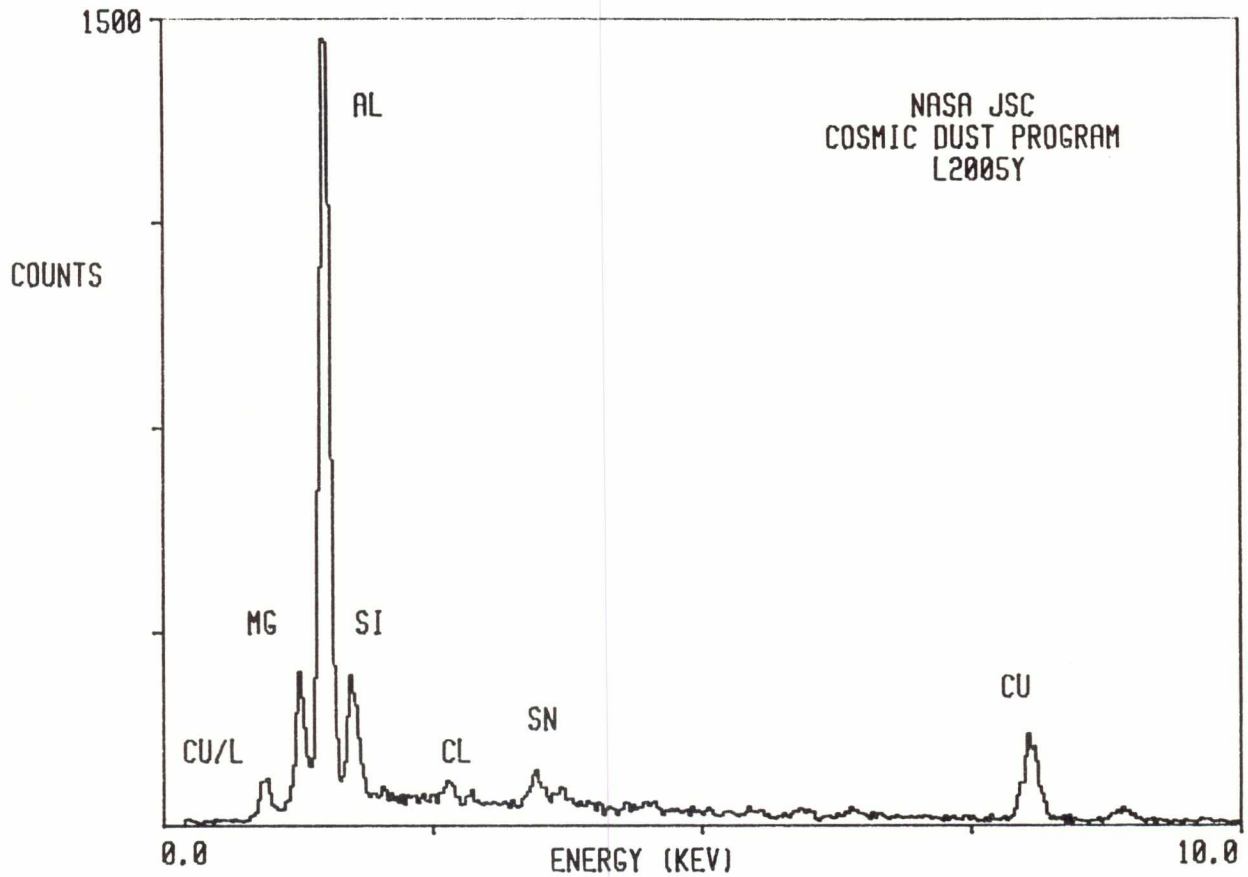


L2005 Y 3

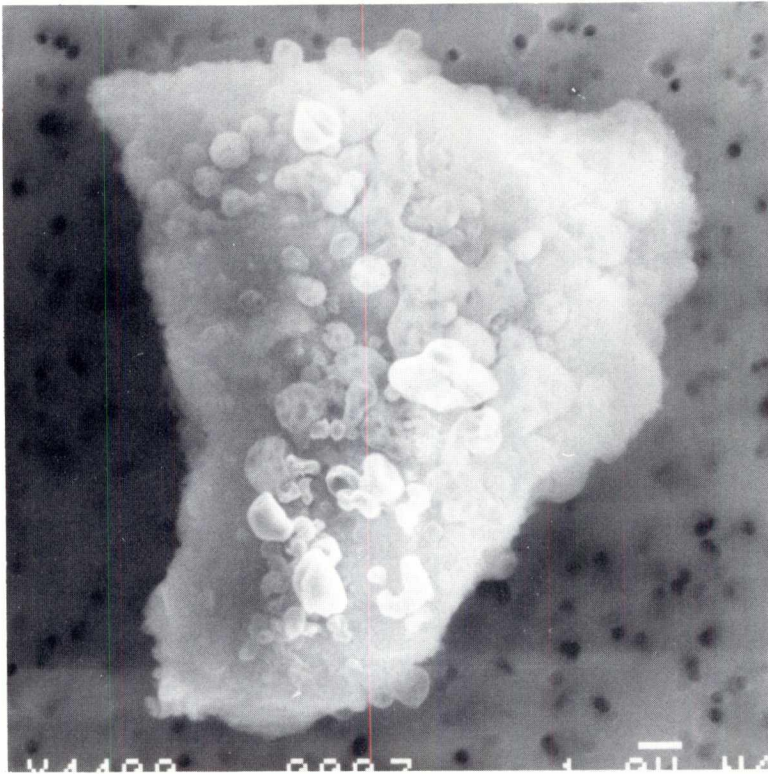


SIZE: 35x25  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SM/D  
TYPE: TCA  
COMMENTS:

S-91-32147

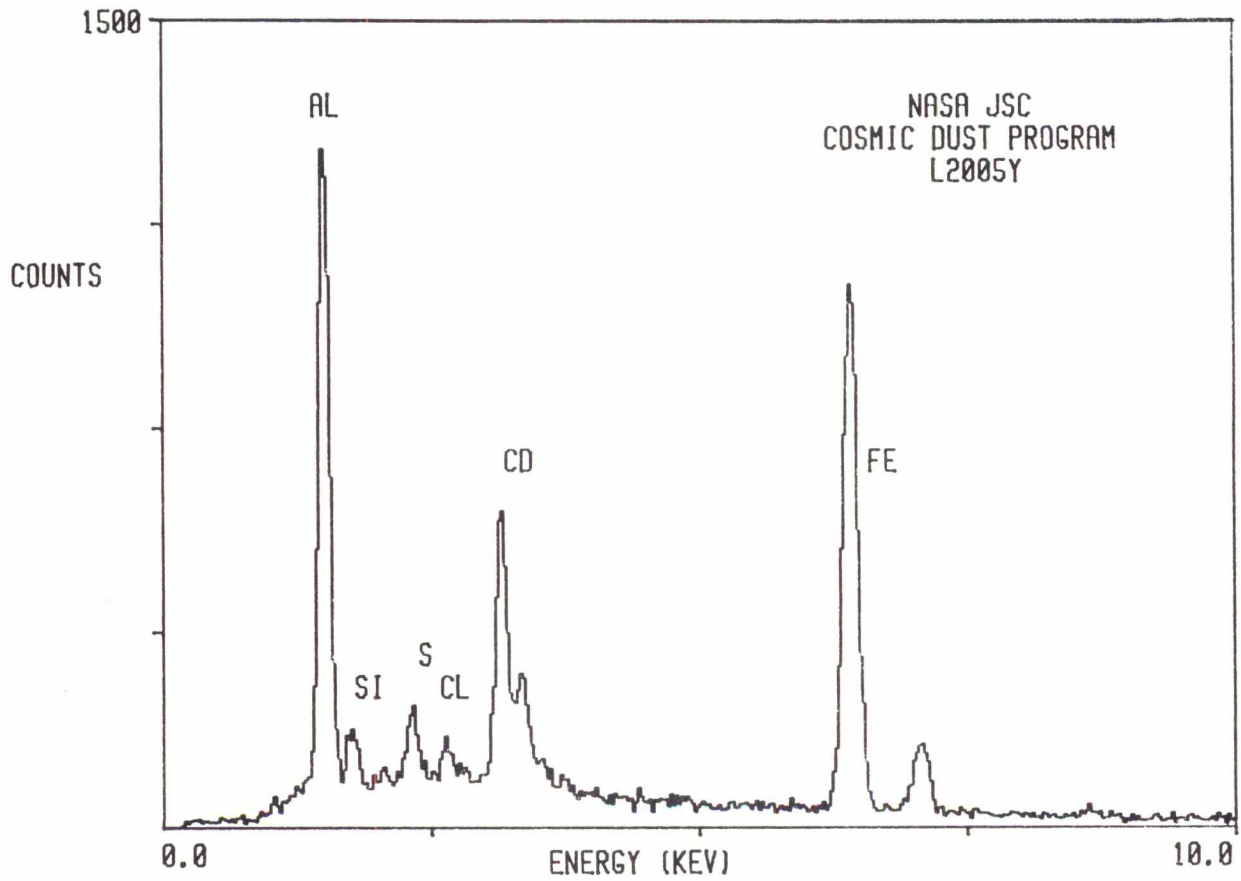


L2005 Y 6

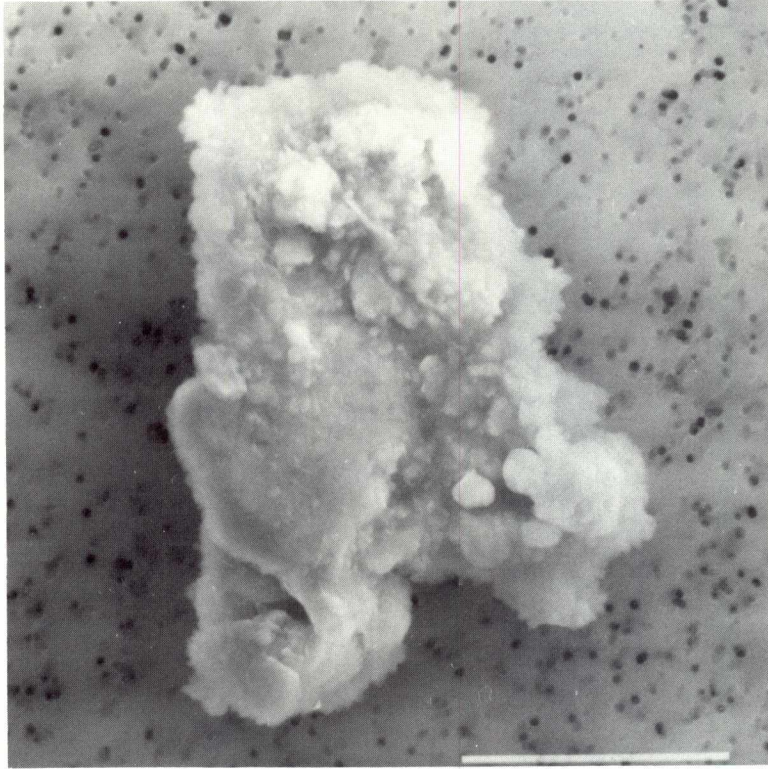


SIZE: 17x13  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM/D  
TYPE: TCA  
COMMENTS:

S-91-32150

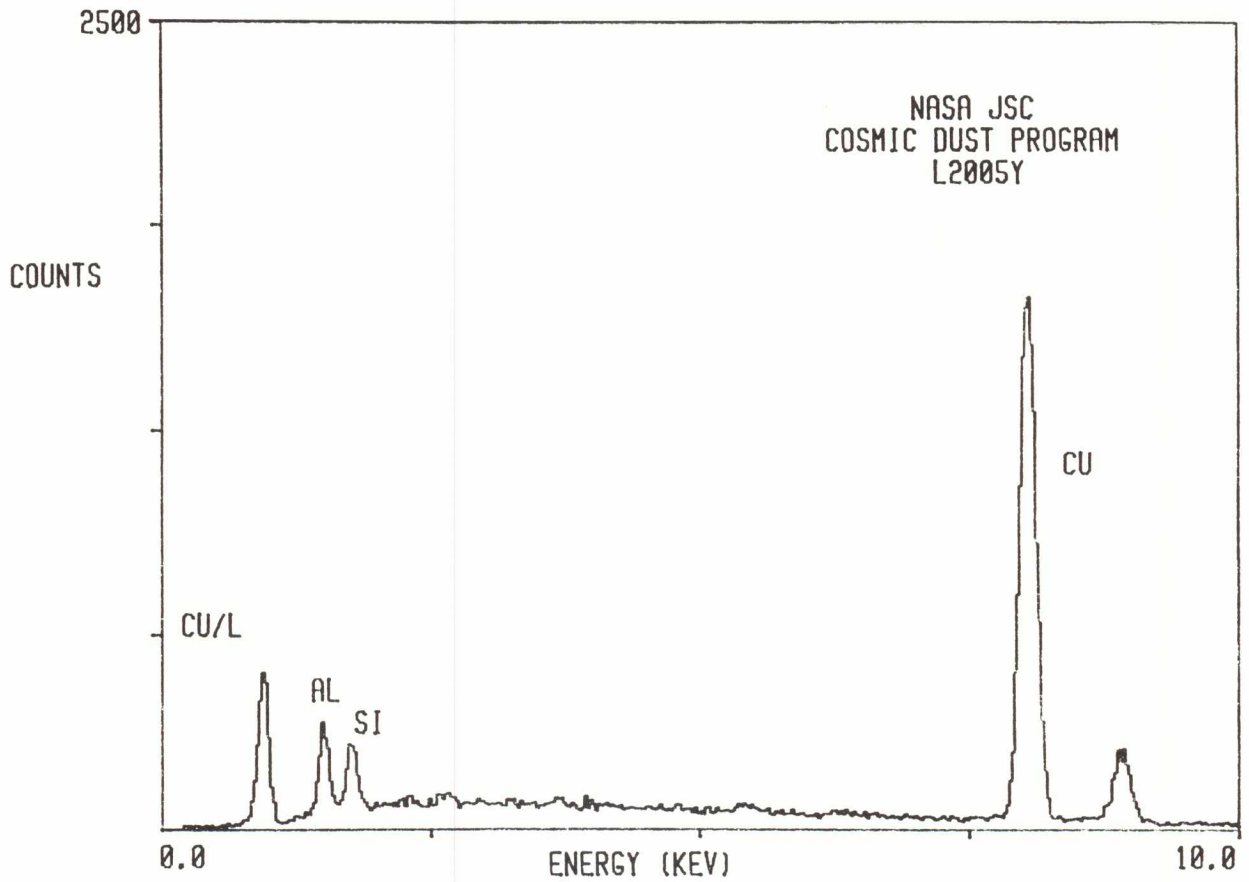


L2005 Y 7

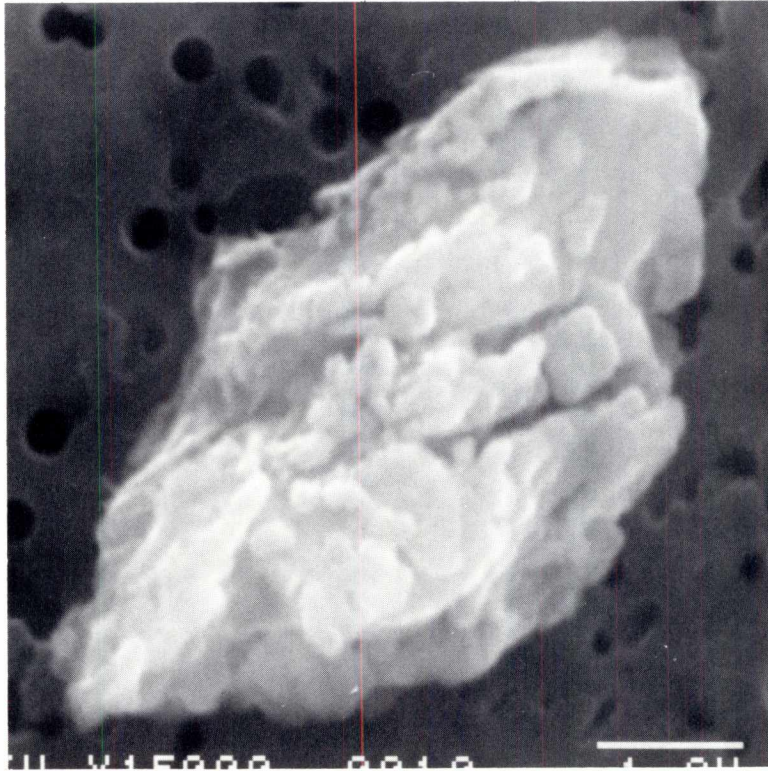


SIZE: 26x19  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SM/D  
TYPE: TCA  
COMMENTS:

S-91-32151

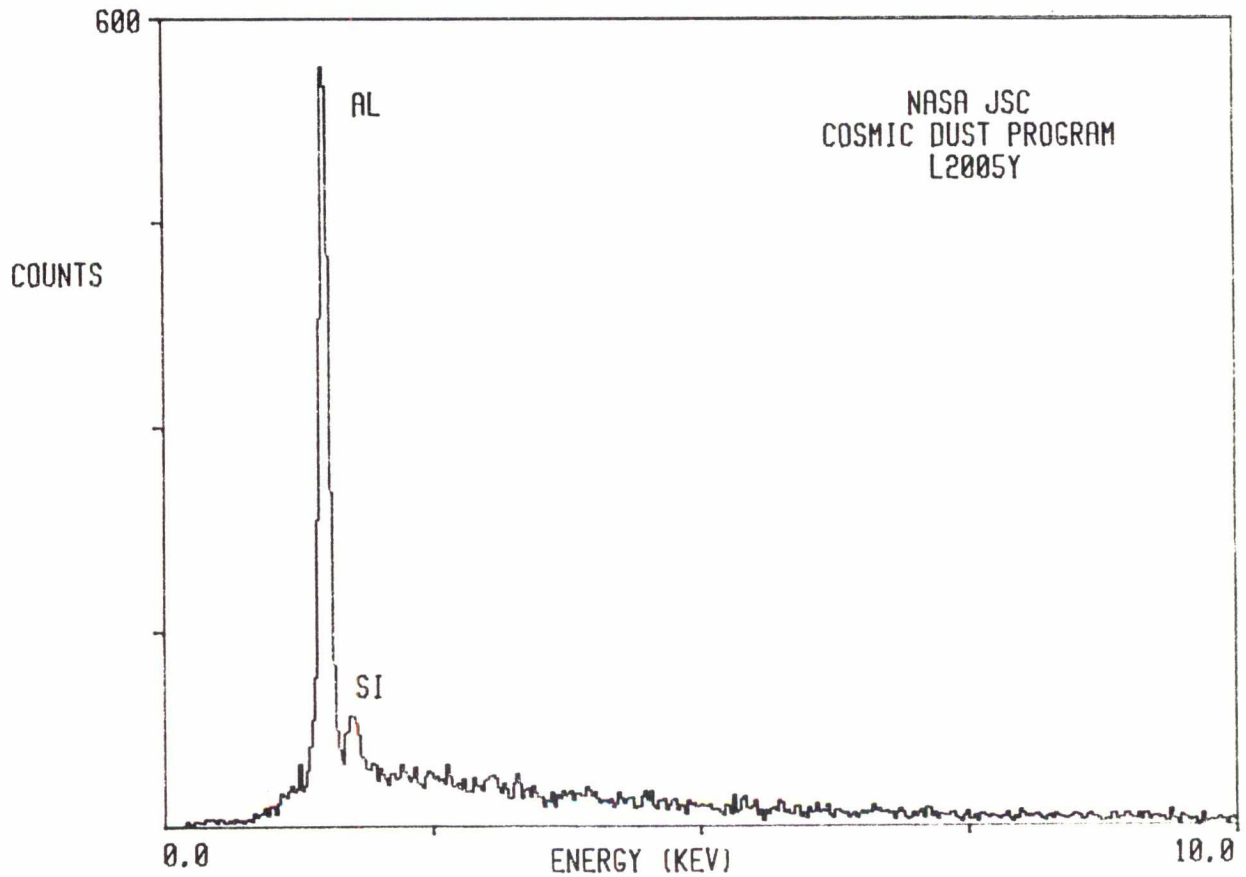


L2005 Y 9

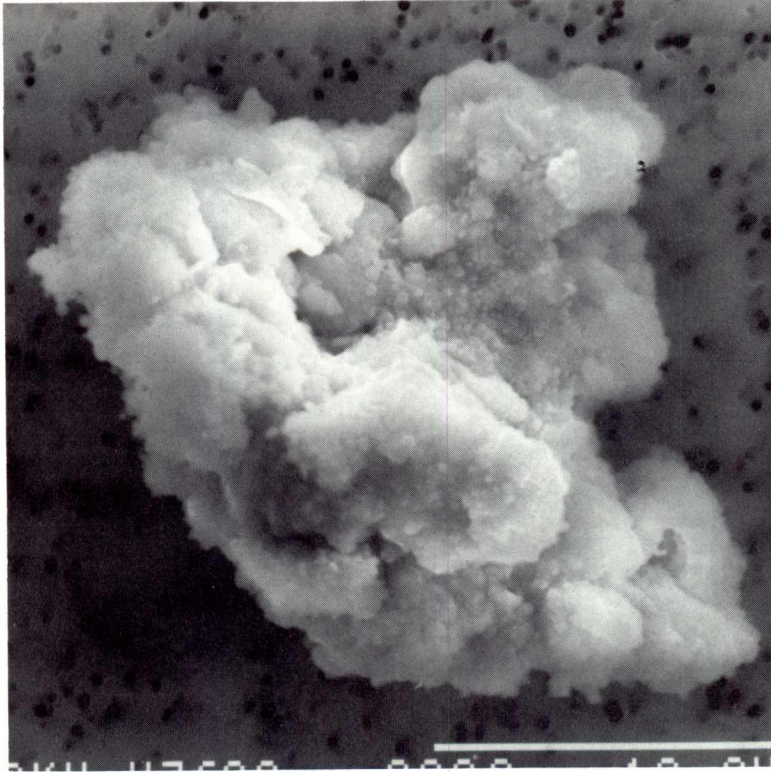


SIZE: 6x4  
SHAPE: I  
TRANS.: O/TL  
COLOR: Yellow  
LUSTER: SV  
TYPE: TCA  
COMMENTS:

S-91-32153

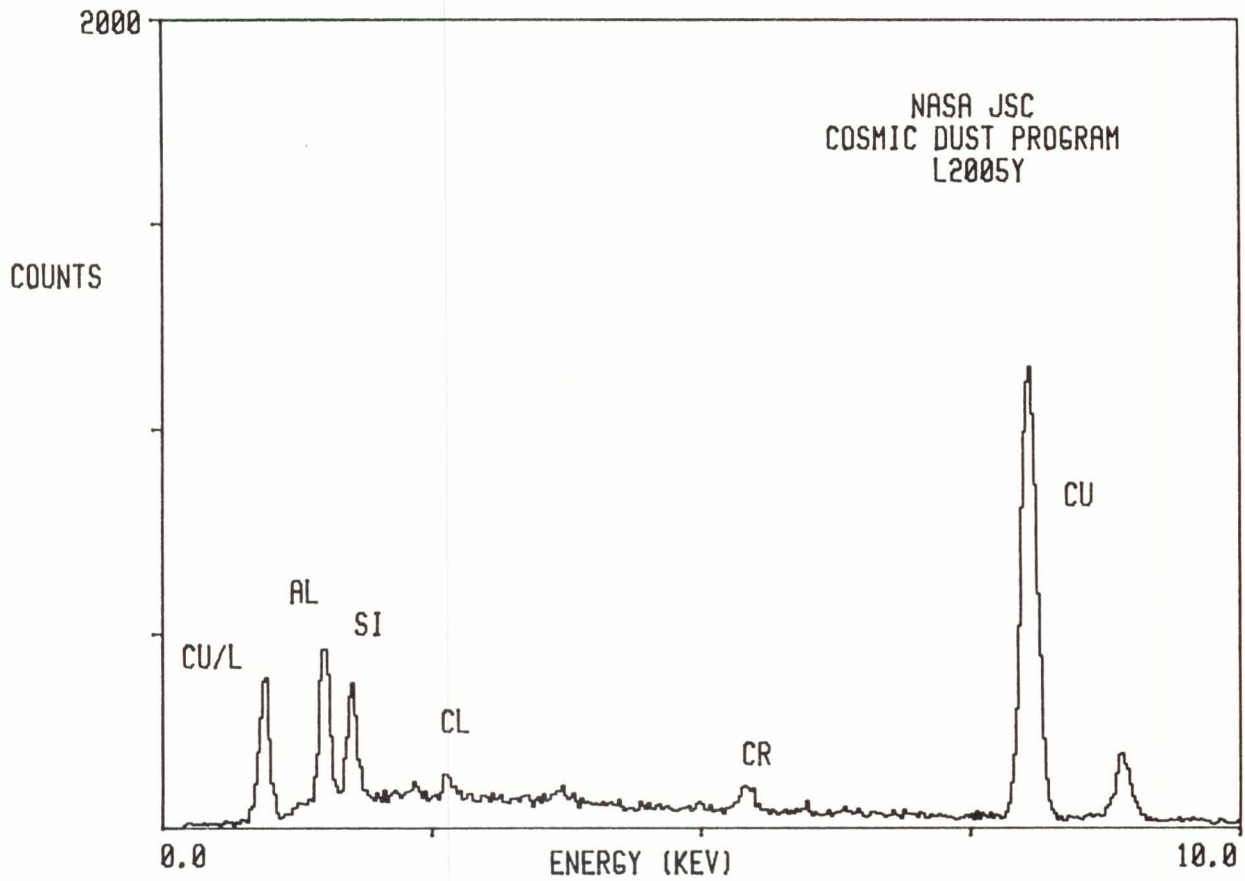


L2005 Y 11

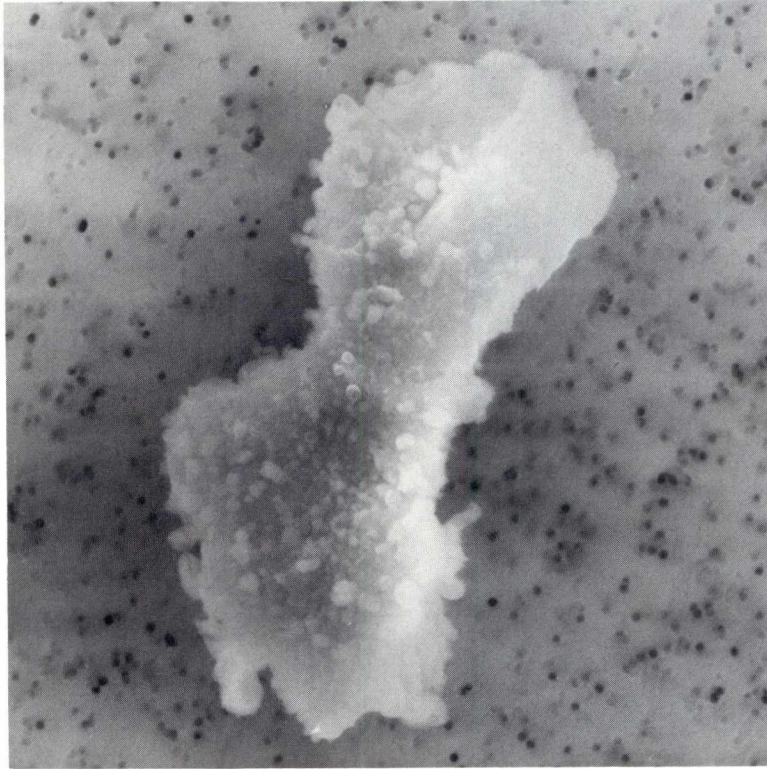


SIZE: 25x19  
SHAPE: I  
TRANS.: TL/O  
COLOR: Black  
LUSTER: SM/D  
TYPE: TCA  
COMMENTS:

S-91-32155

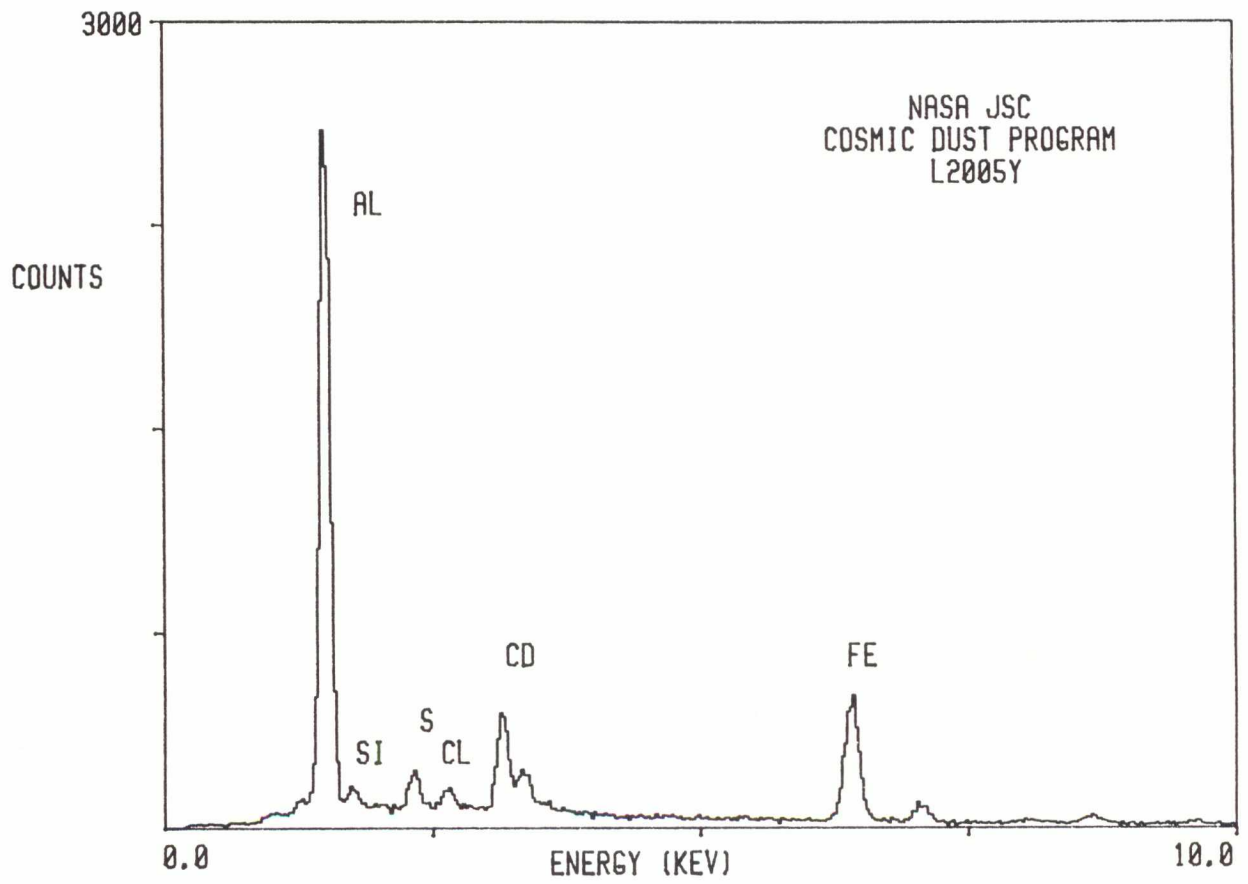


L2005 Y 12

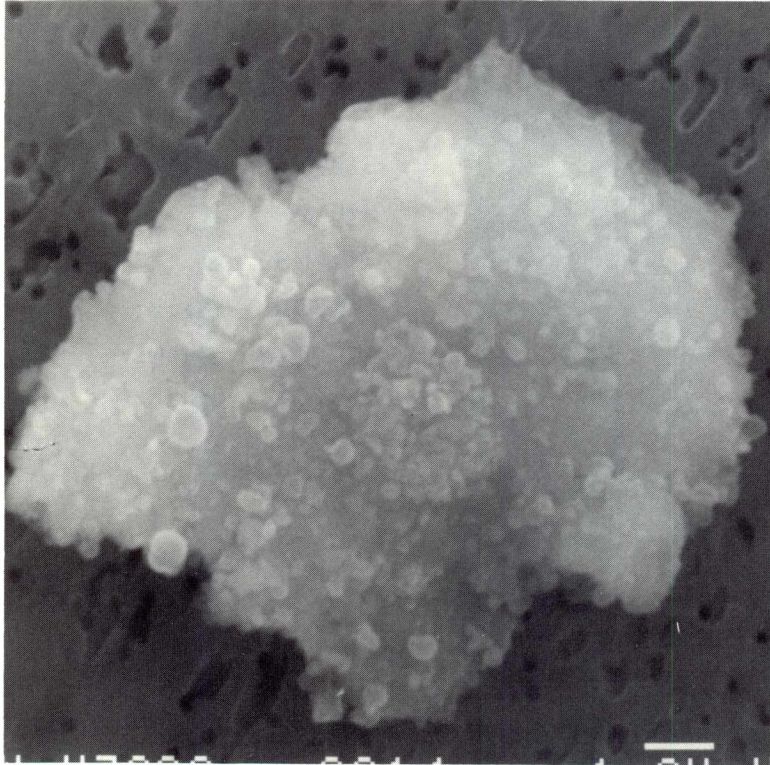


SIZE: 28x13  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM/SV  
TYPE: TCA  
COMMENTS:

S-91-32156

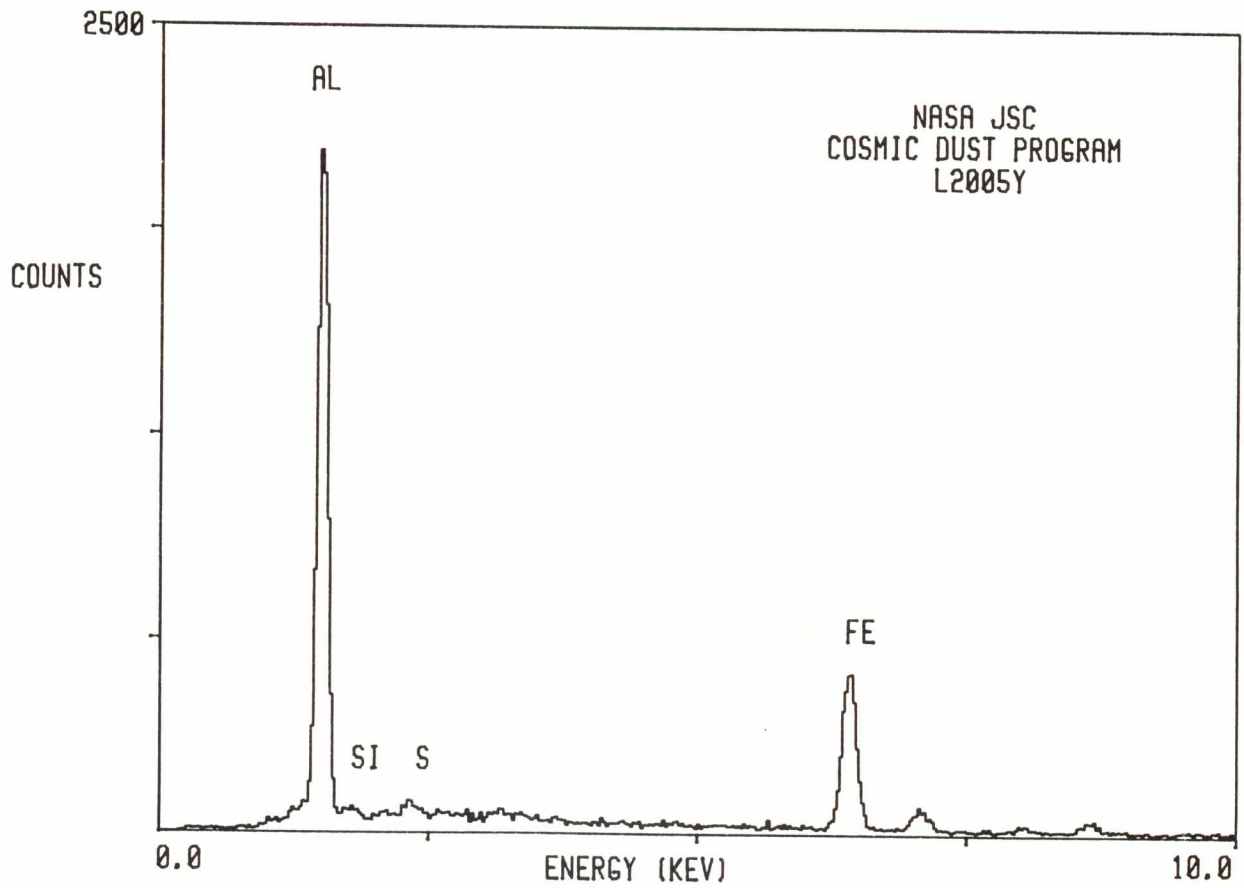


L2005 Y 13



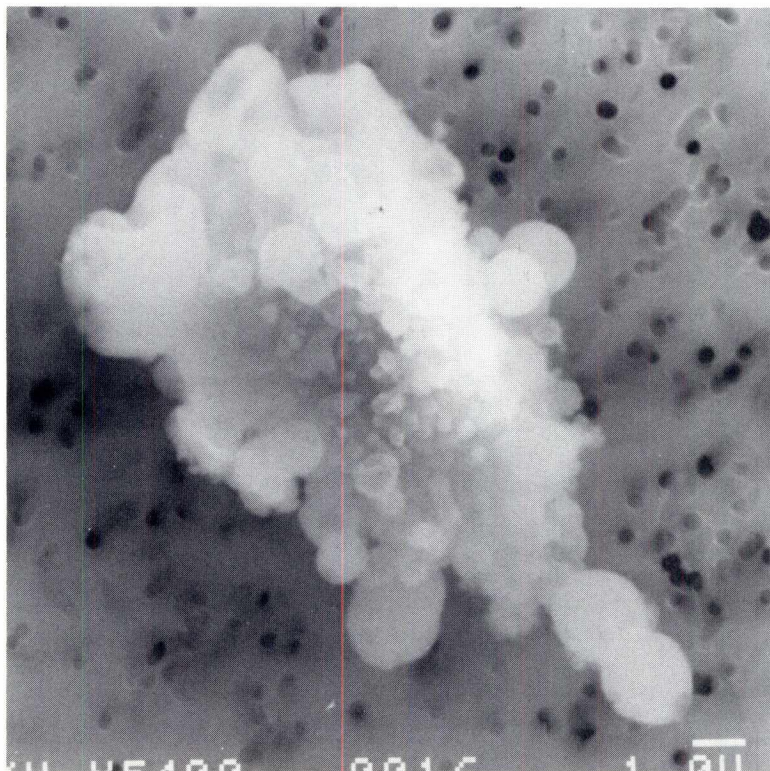
SIZE: 11x9  
SHAPE: I/E  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: TCA  
COMMENTS:

S-91-32157



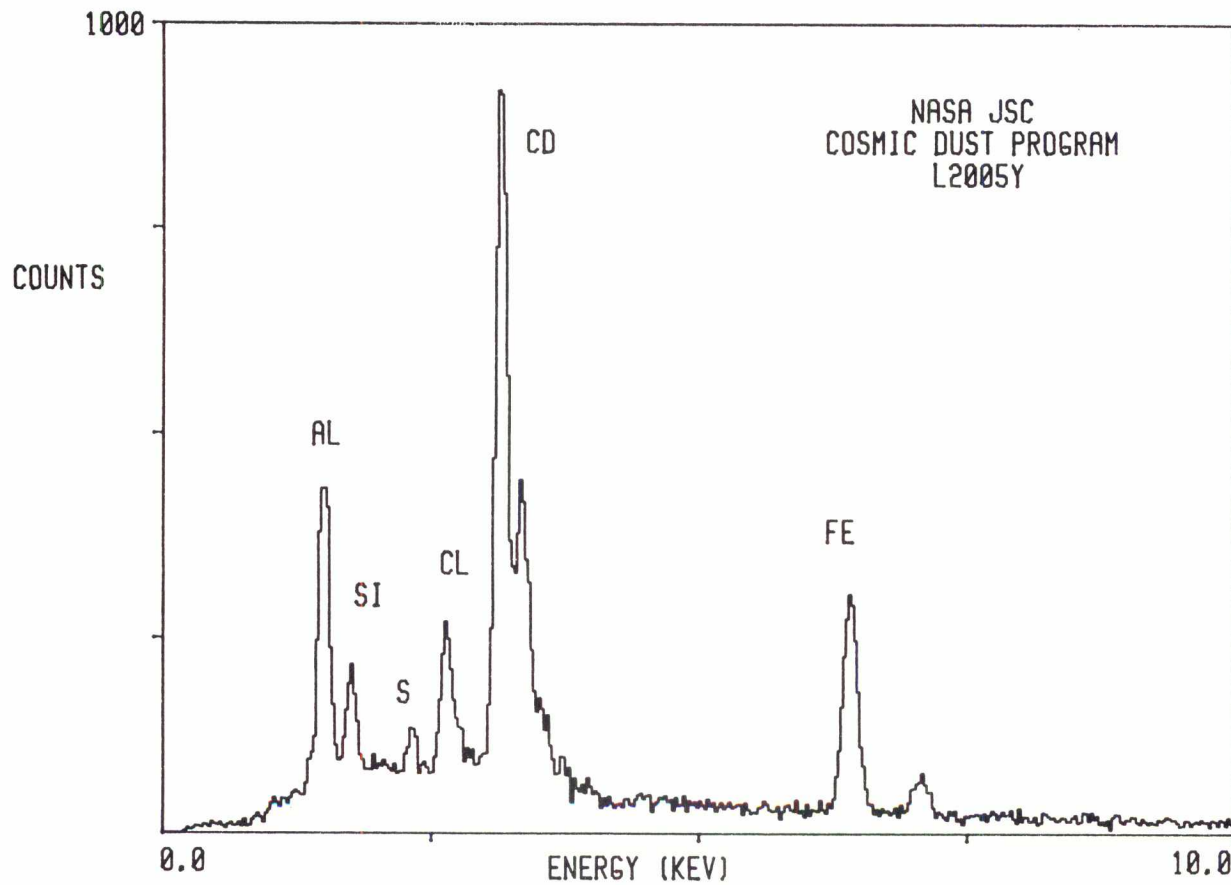


L2005 Y 15

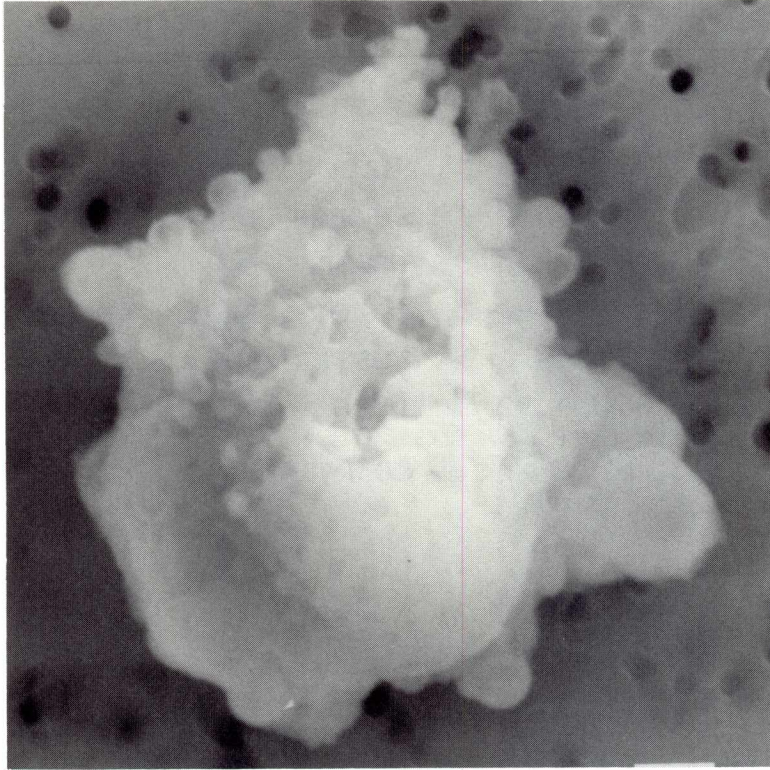


SIZE: 14x7  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM/D  
TYPE: TCA  
COMMENTS:

S-91-32159

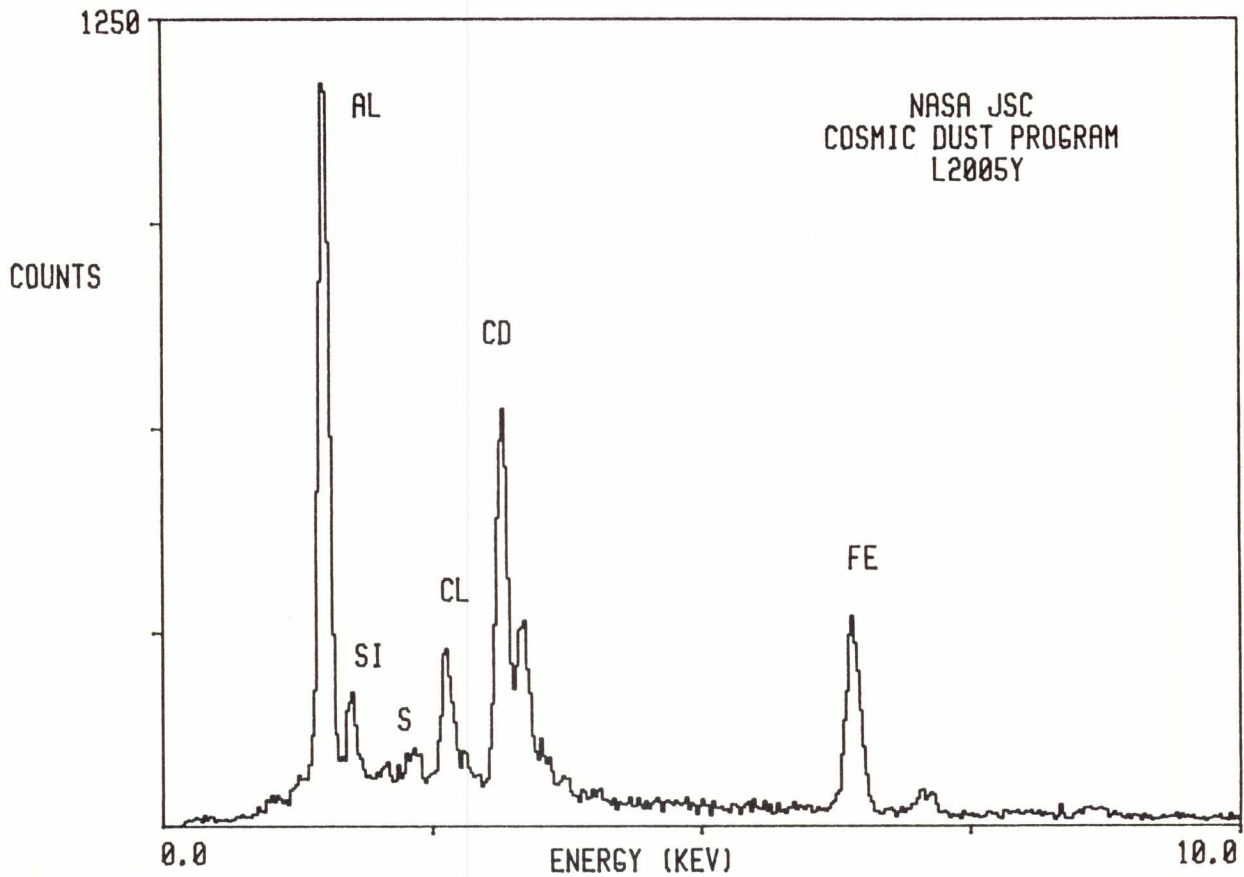


L2005 Y 17

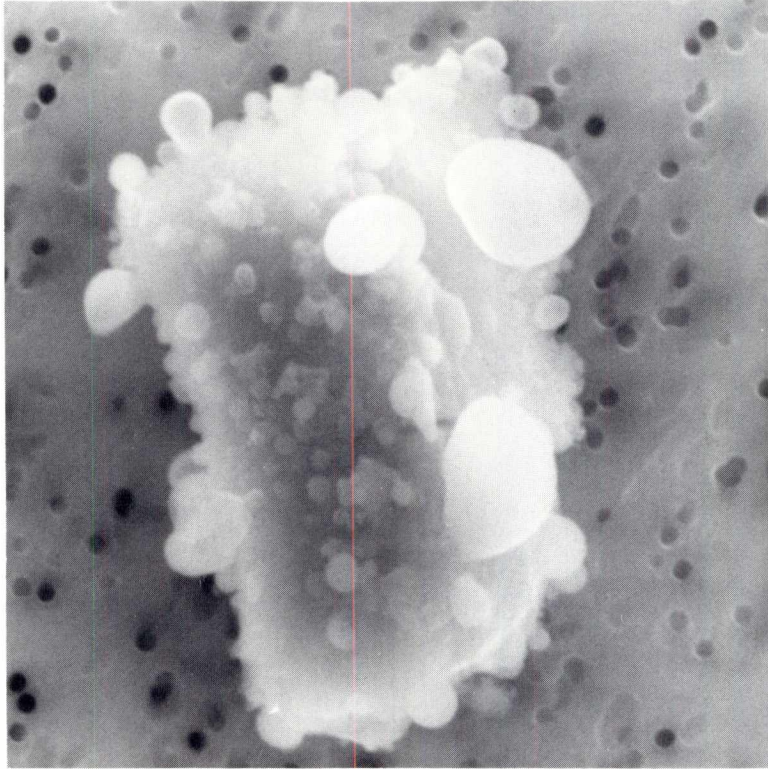


SIZE: 9x9  
SHAPE: I/S  
TRANS.: O  
COLOR: Black  
LUSTER: SM  
TYPE: TCA  
COMMENTS:

S-91-32161

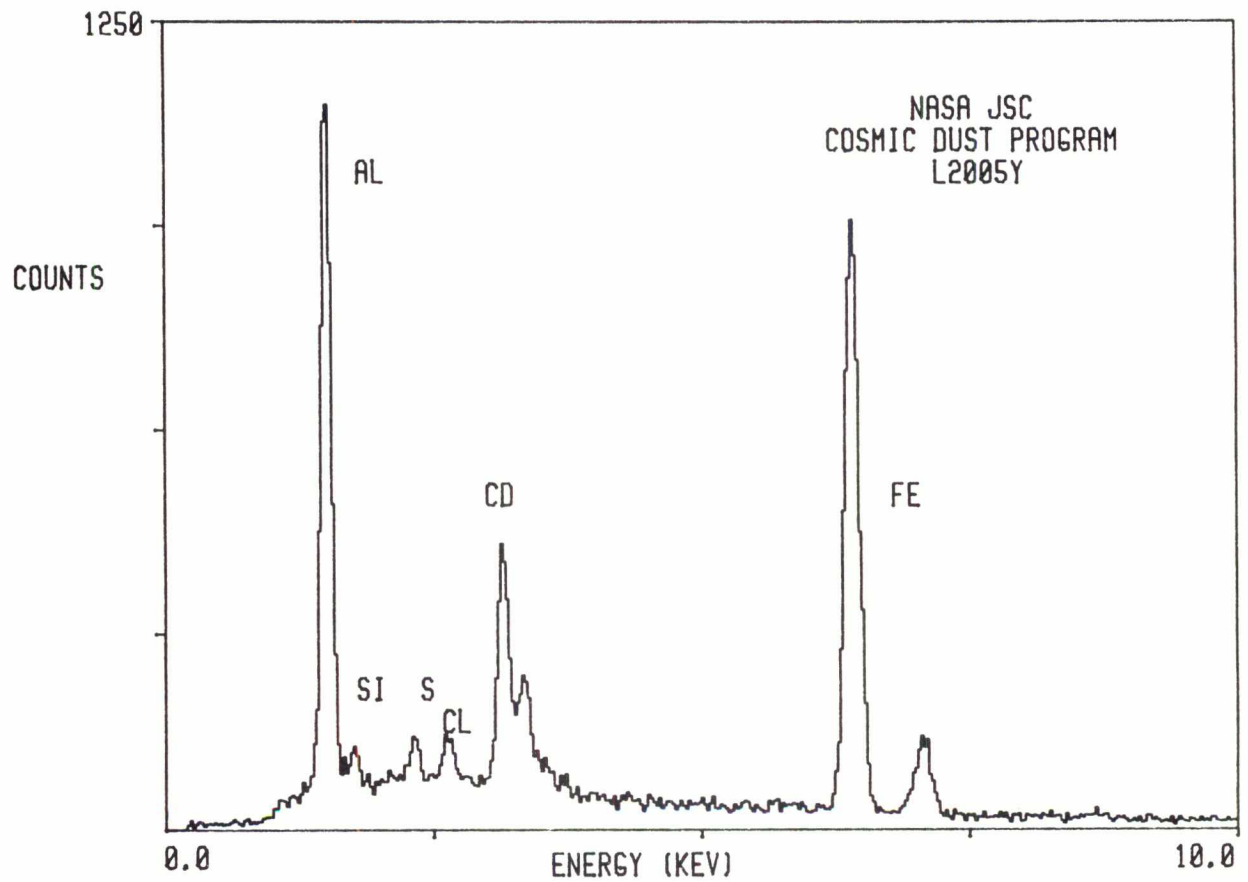


L2005 Y 18

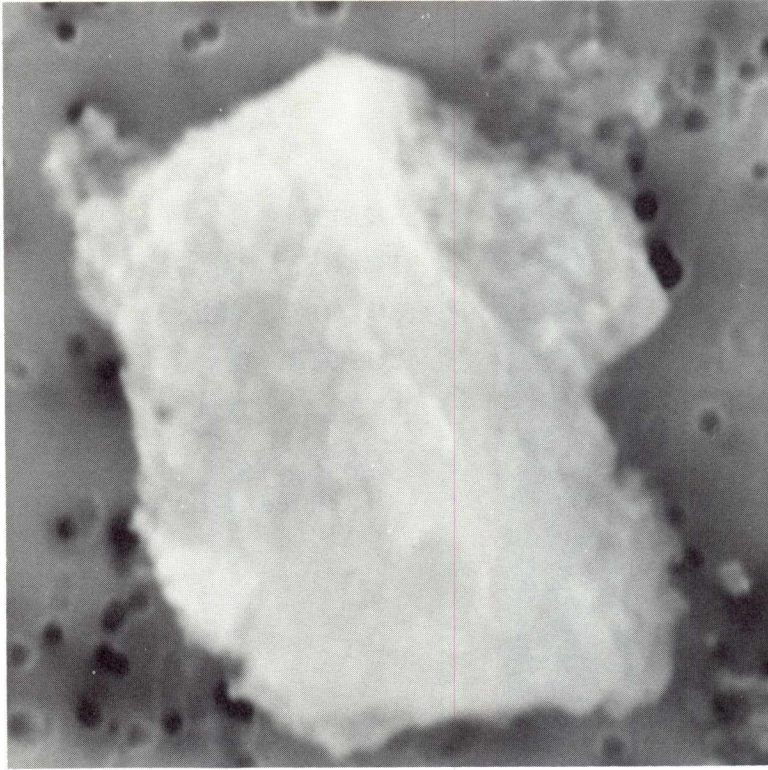


SIZE: 11x7  
SHAPE: I  
TRANS.: O  
COLOR: Black to Brown  
LUSTER: SM  
TYPE: TCA  
COMMENTS:

S-91-32162

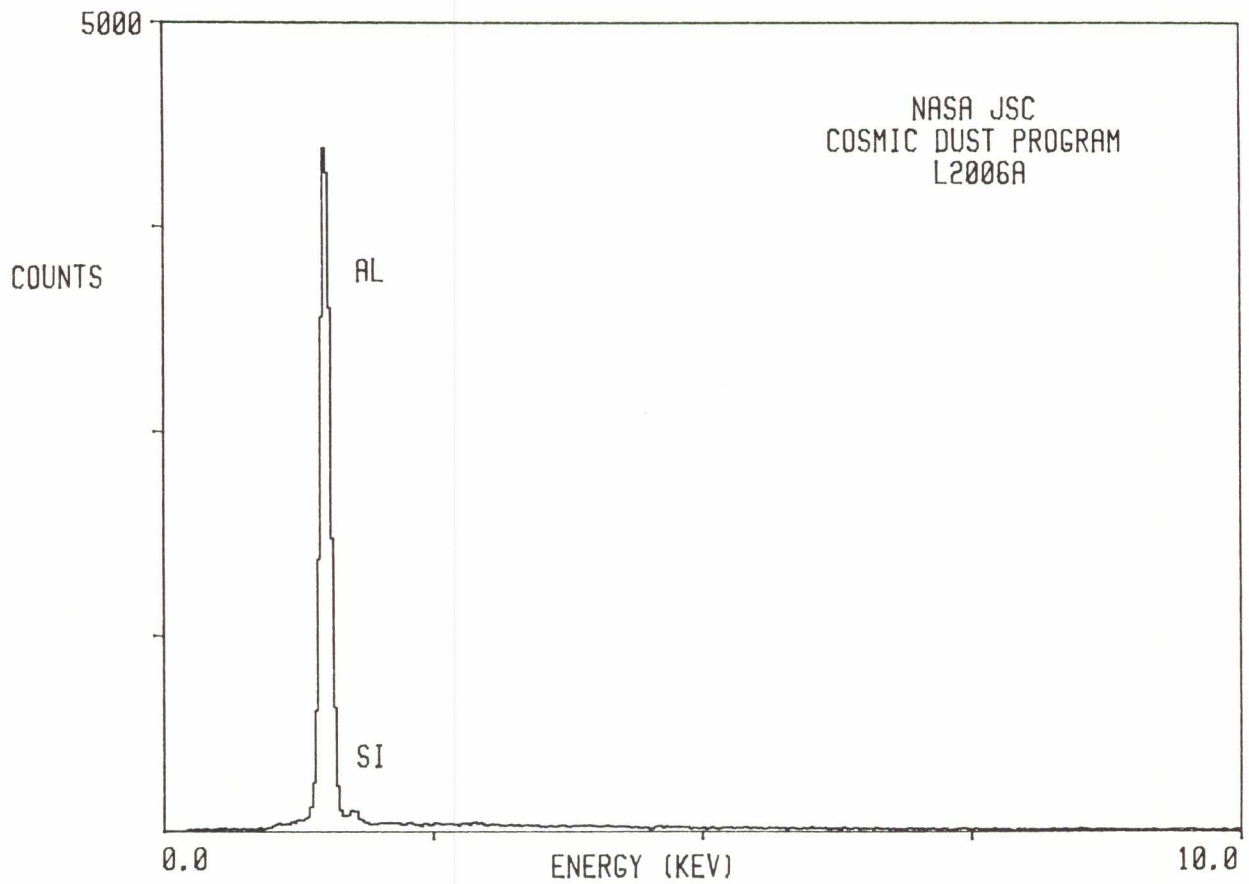


L2006 A 1



SIZE: 8  
SHAPE: I  
TRANS.: TL/O  
COLOR: White  
LUSTER: D  
TYPE: TCA  
COMMENTS:  
Related to L2006  
A2

S-91-32163



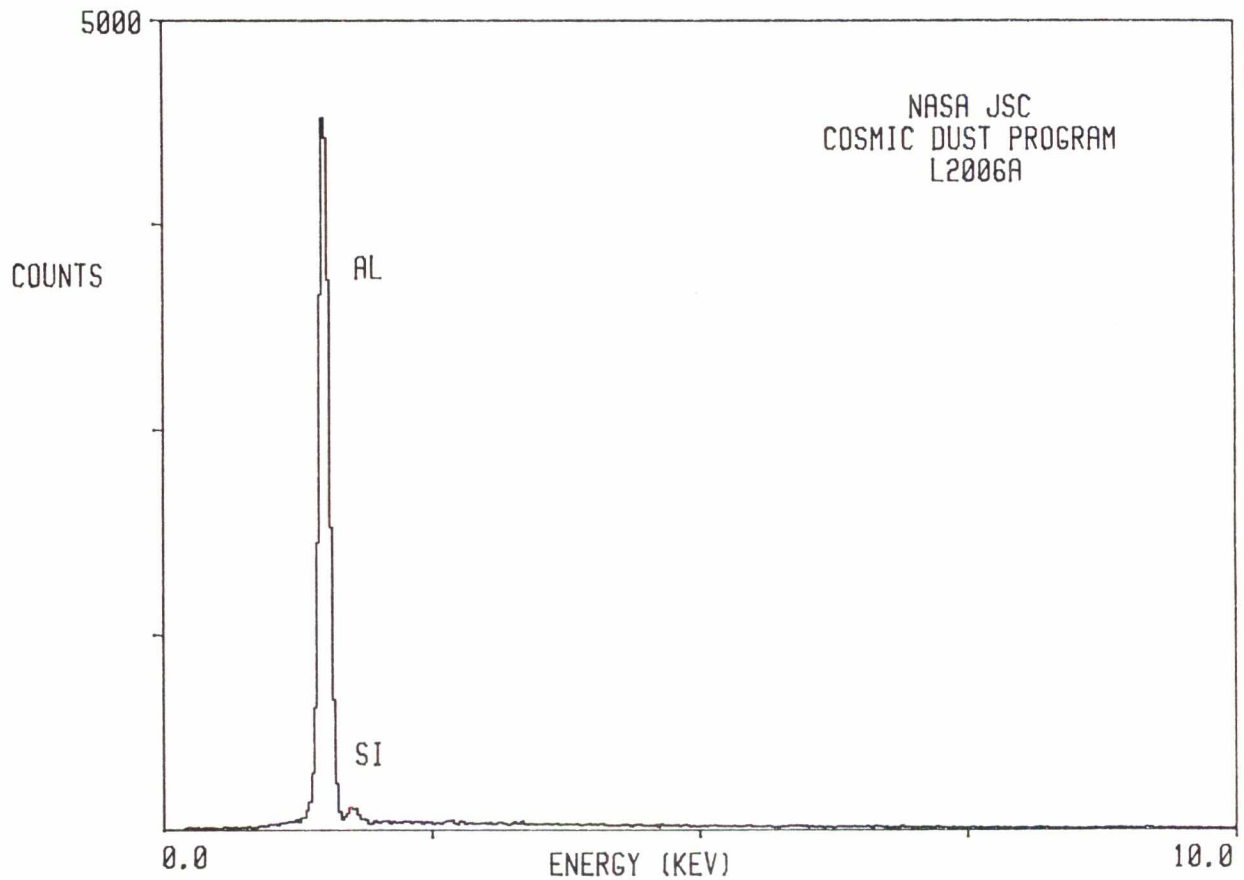
L2006 A 2



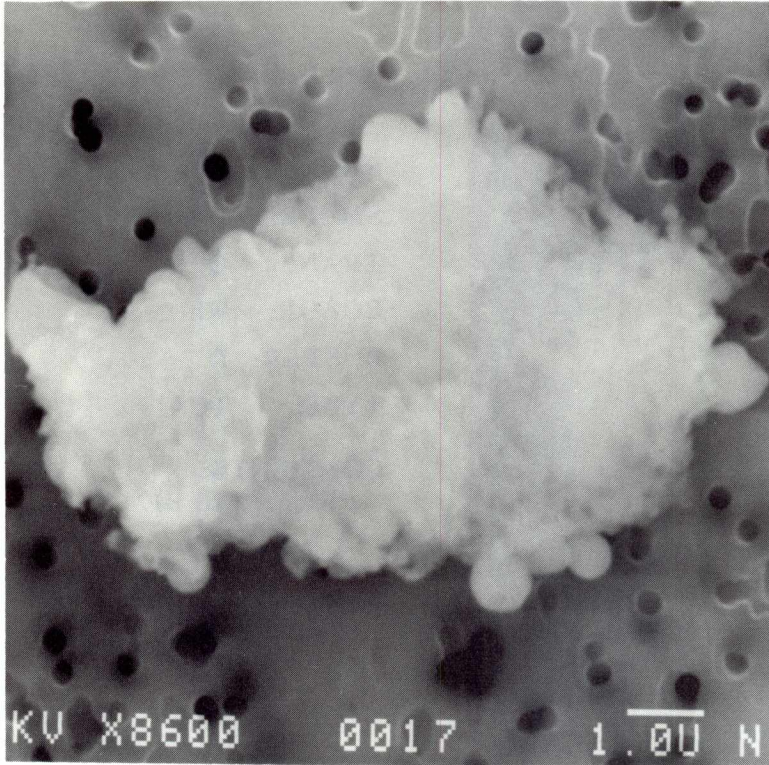
SIZE: 7  
SHAPE: I  
TRANS.: TL/O  
COLOR: White  
LUSTER: D  
TYPE: TCA

COMMENTS:  
Related to L2006  
A1

S-91-32164



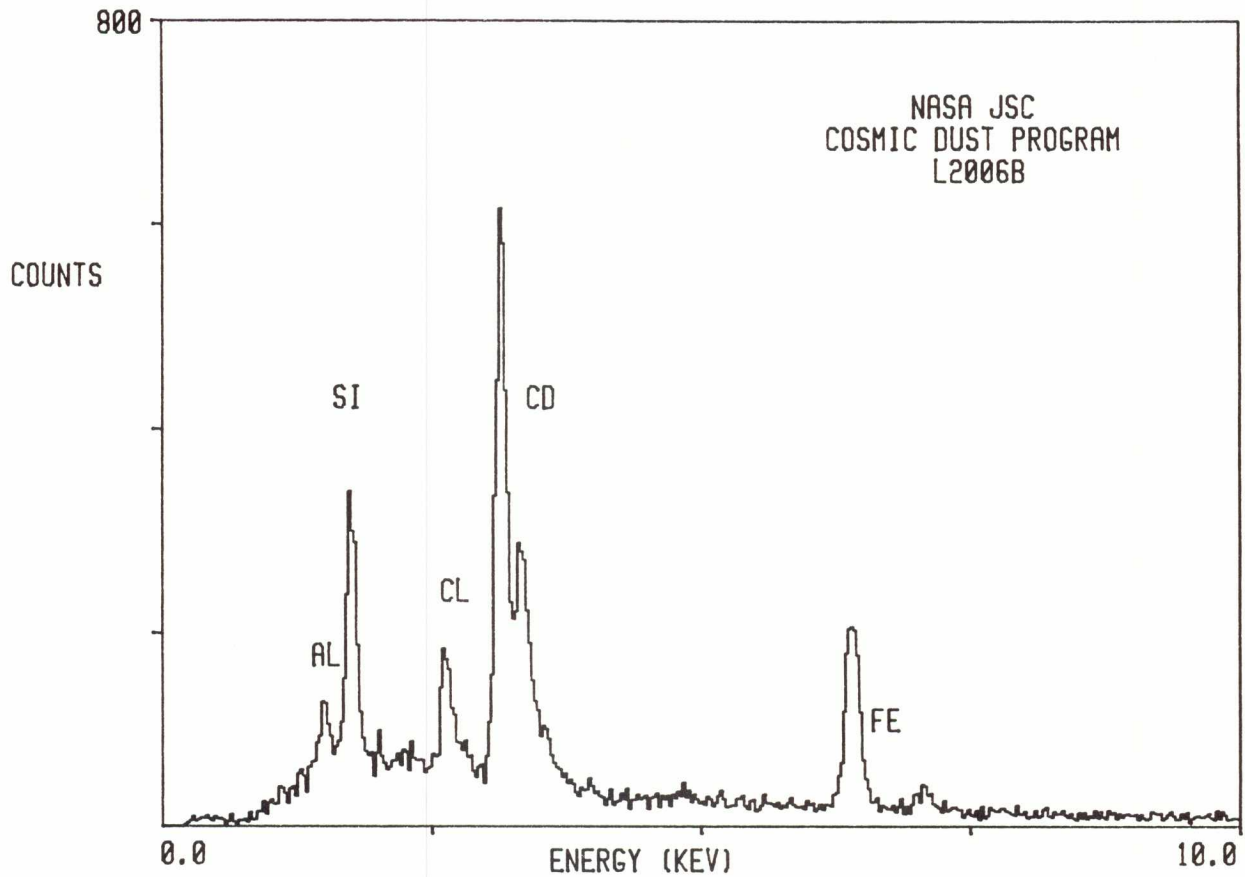
L2006 B 12



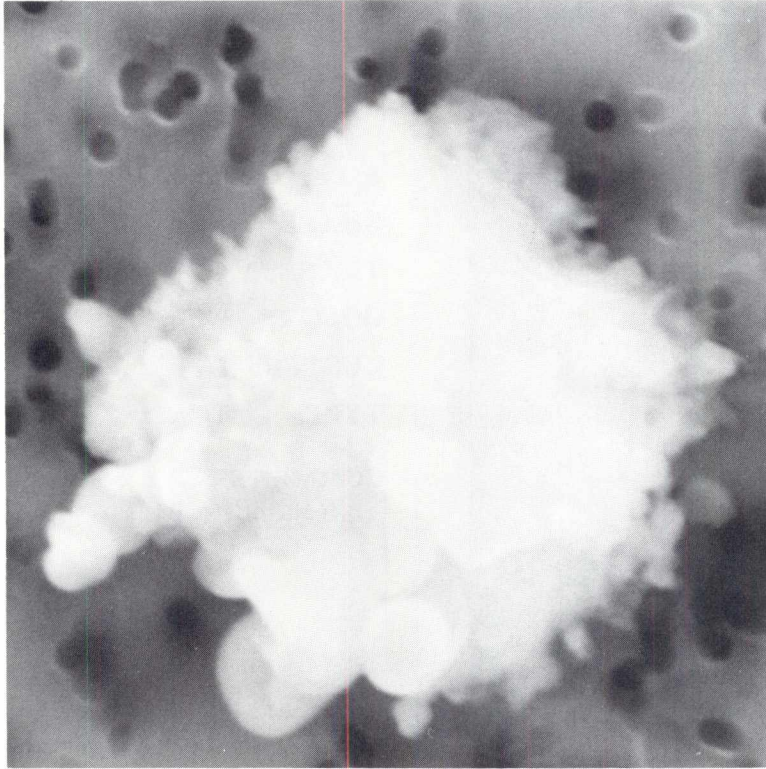
SIZE: 9  
SHAPE: I  
TRANS.: O  
COLOR: White  
LUSTER: D  
TYPE: TCA

COMMENTS:  
Related to B13

S-91-32061

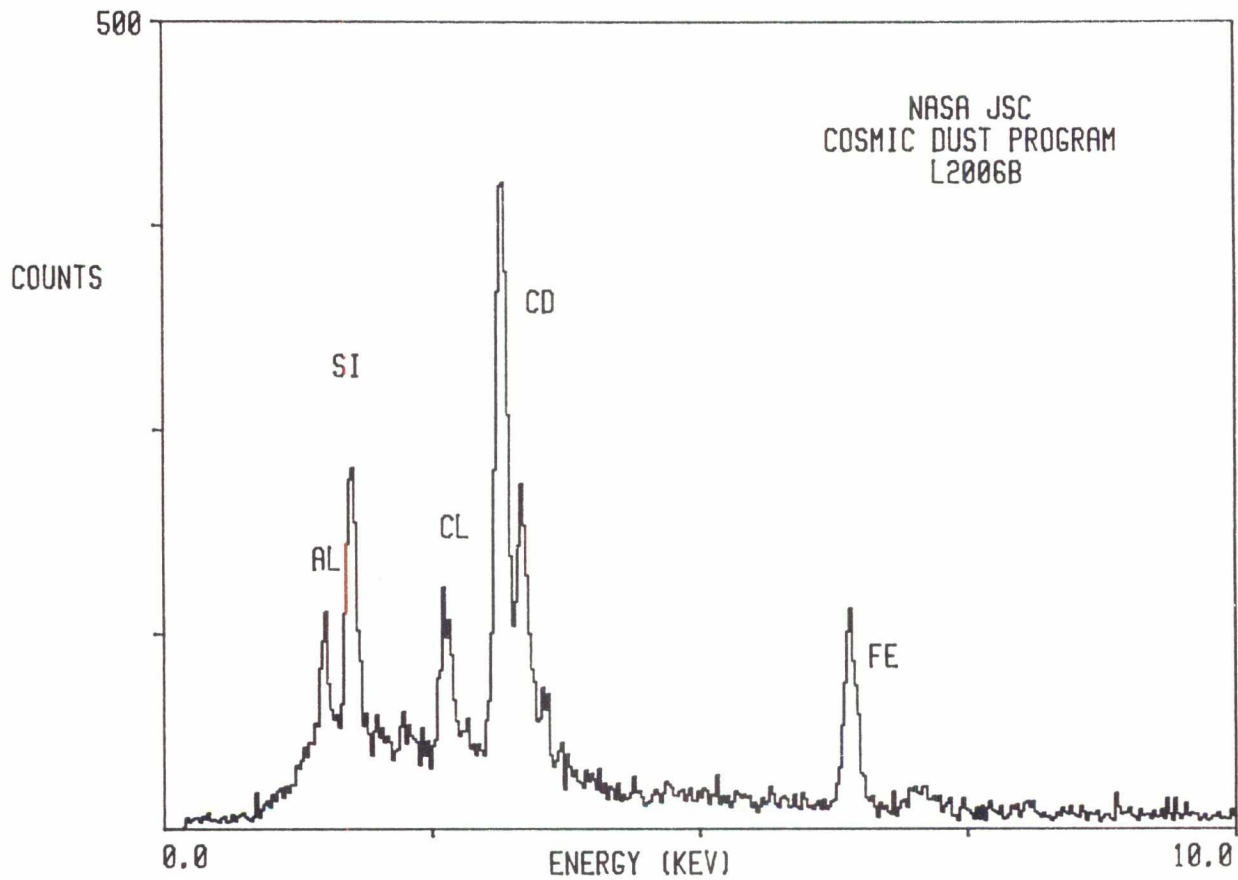


L2006 B 13

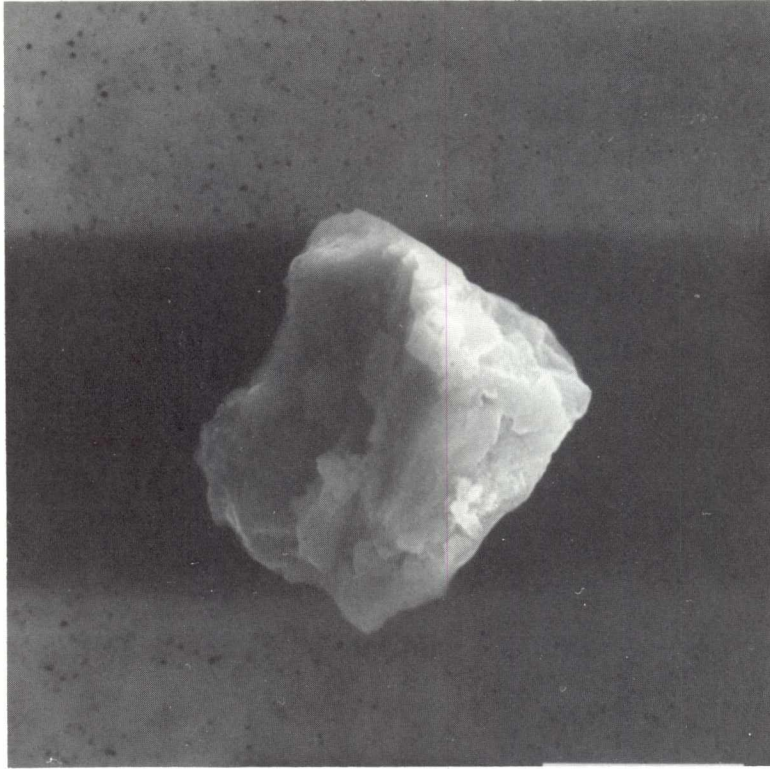


SIZE: 7  
SHAPE: I  
TRANS.: O  
COLOR: White  
LUSTER: D  
TYPE: TCA  
COMMENTS:  
Related to B12

S-91-32062

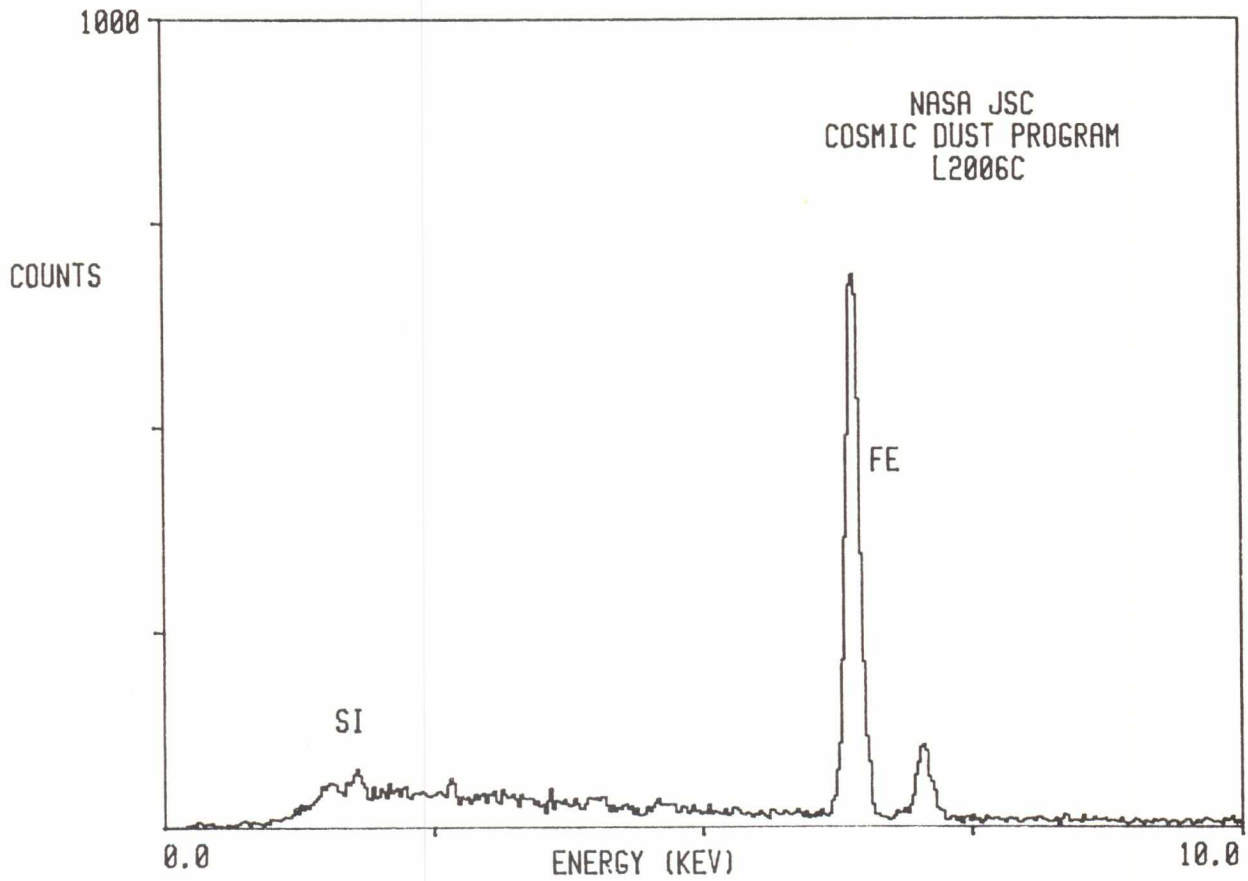


L2006 C 8



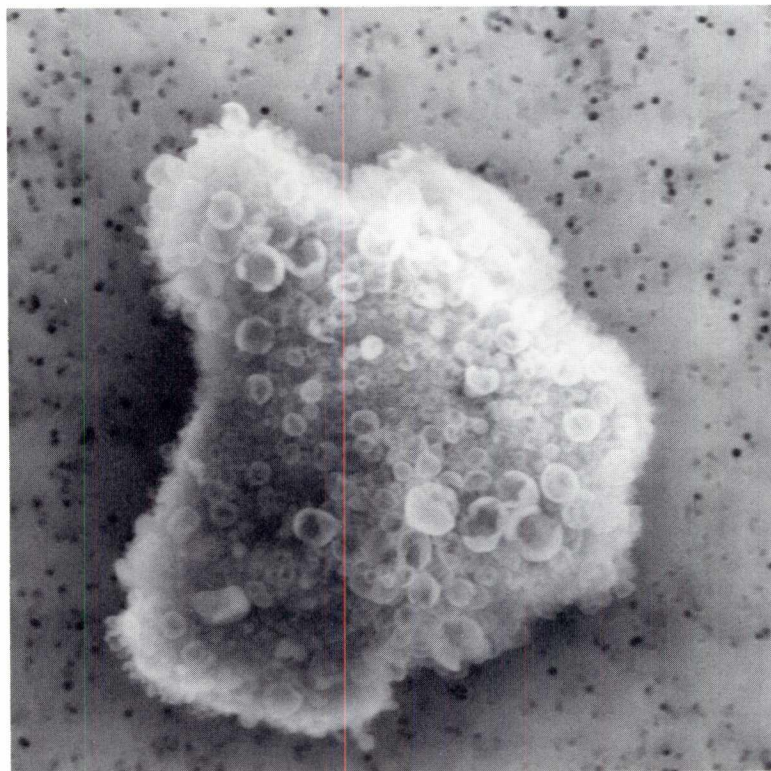
SIZE: 15  
SHAPE: E  
TRANS.: O  
COLOR: Black  
LUSTER: D/SM  
TYPE: TCA?  
COMMENTS:

S-91-32135



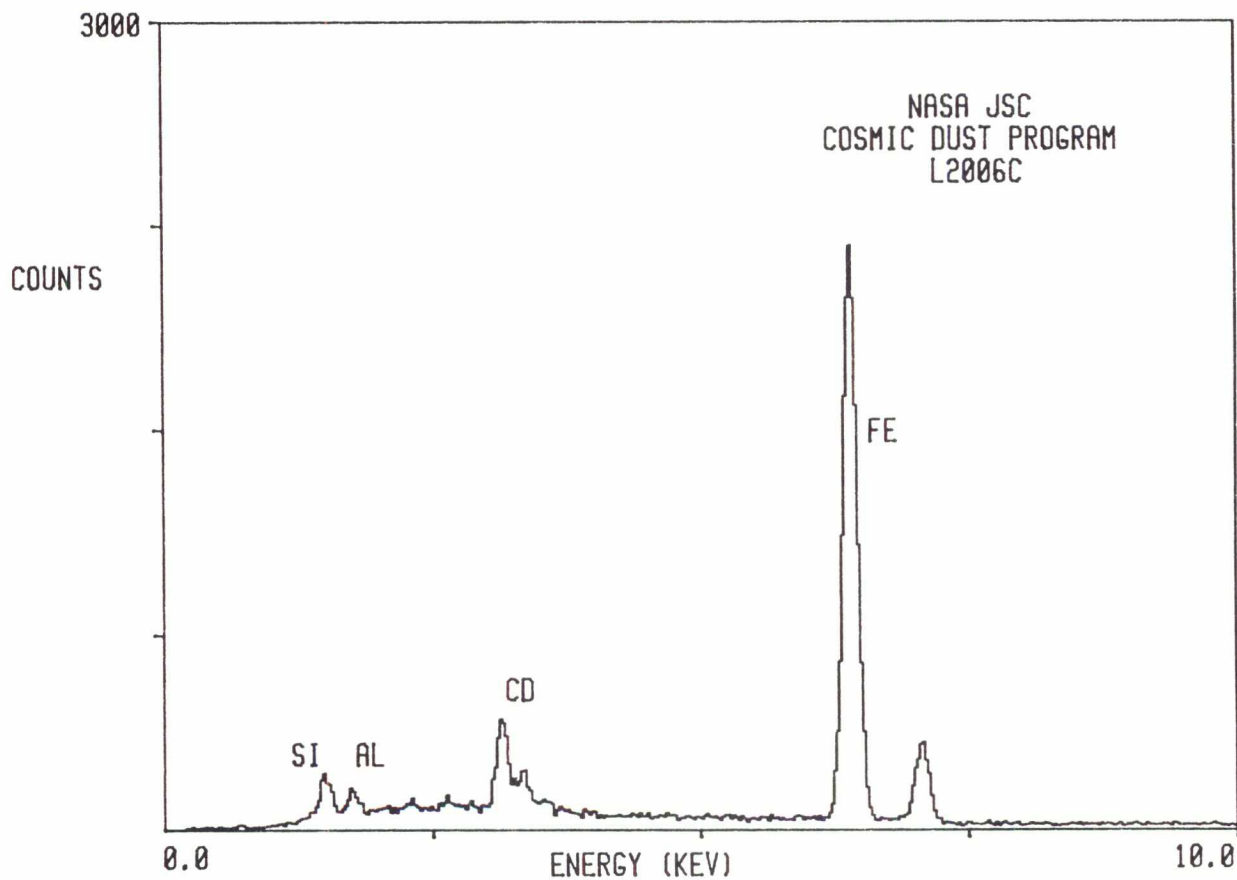


L2006 C 11

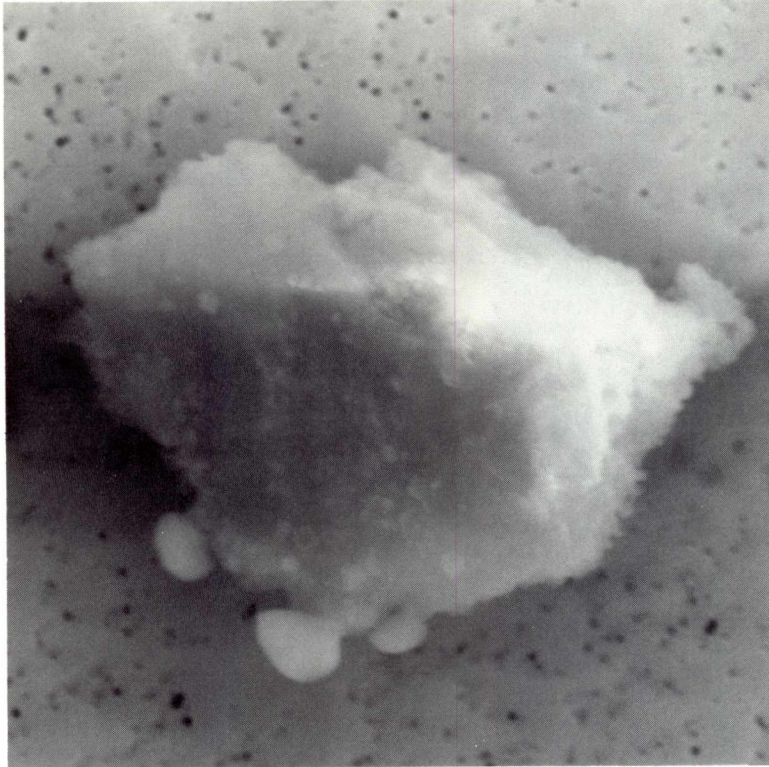


SIZE: 20x17  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D  
TYPE: TCA  
COMMENTS:

S-91-32138

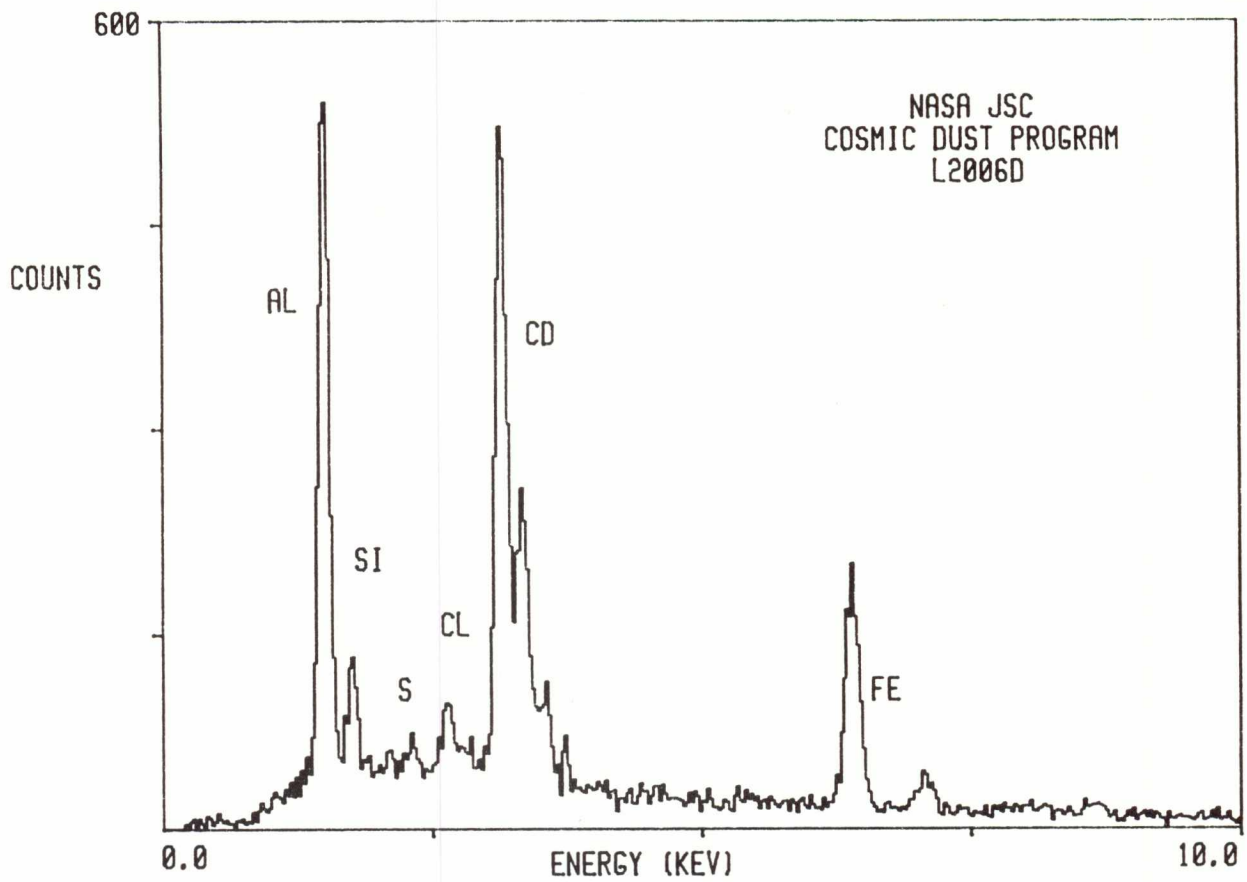


L2006 D 5

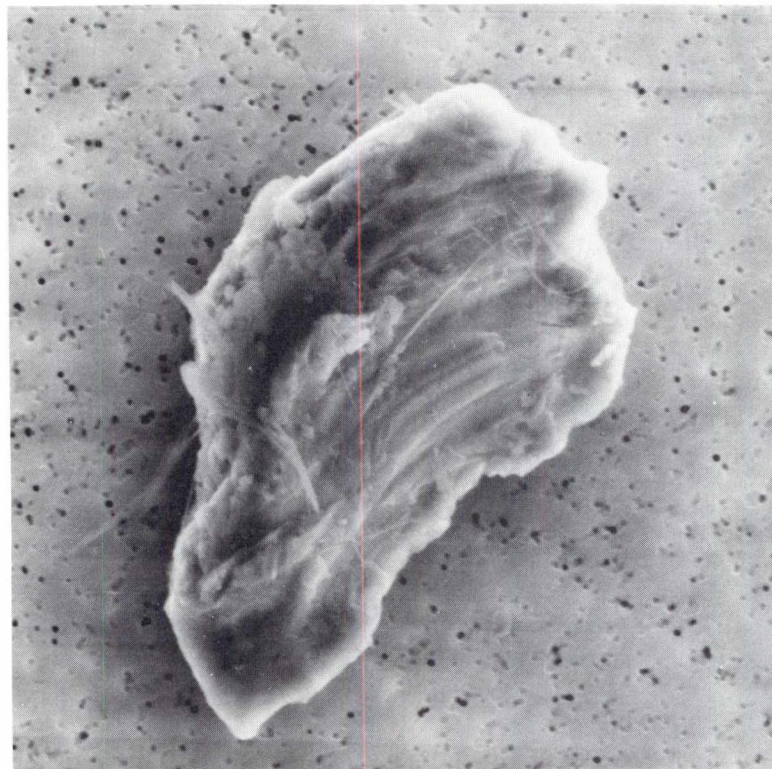


SIZE: 15  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D  
TYPE: TCA  
COMMENTS:

S-91-32041

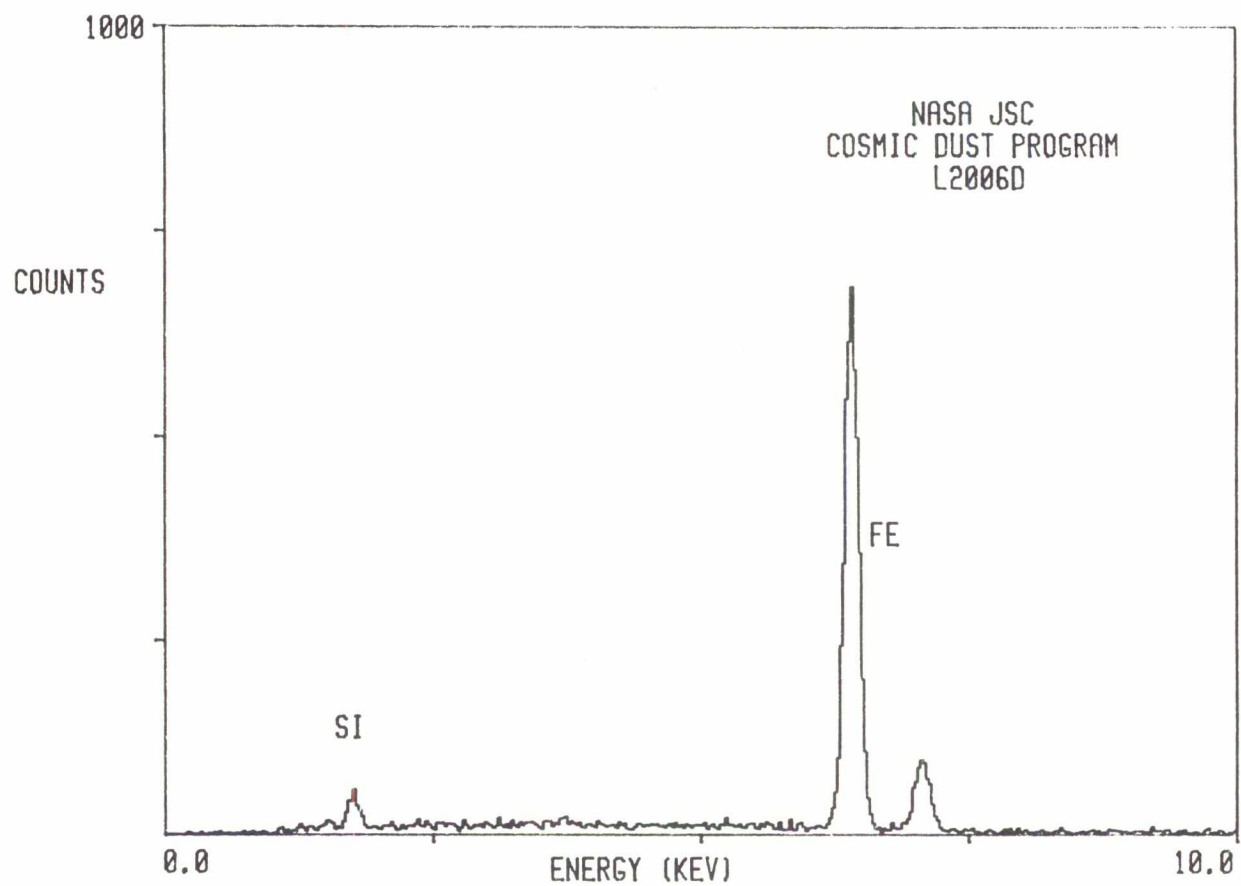


L2006 D 8

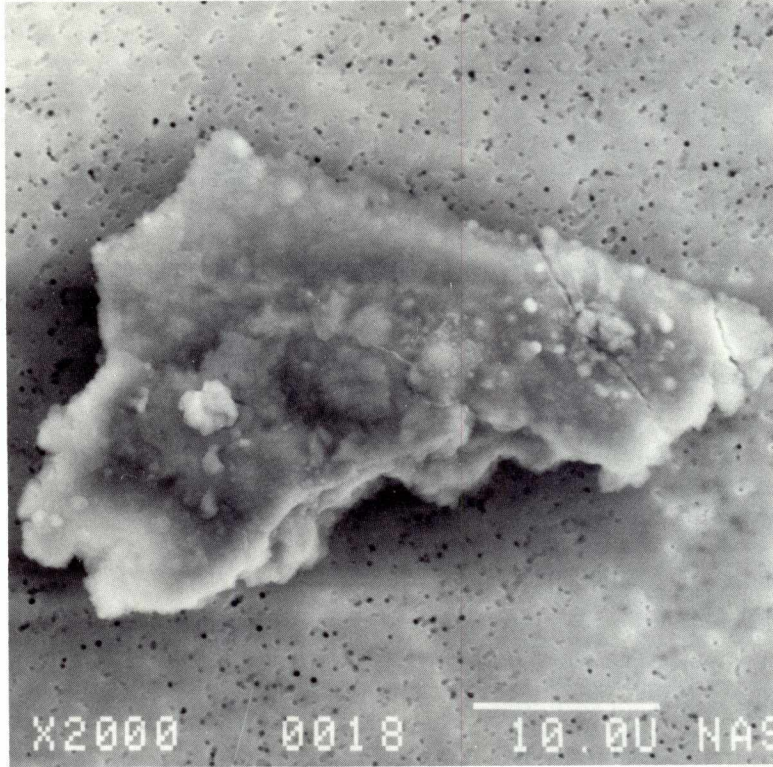


SIZE: 25x20  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM/M  
TYPE: TCA?  
COMMENTS:

S-91-32044

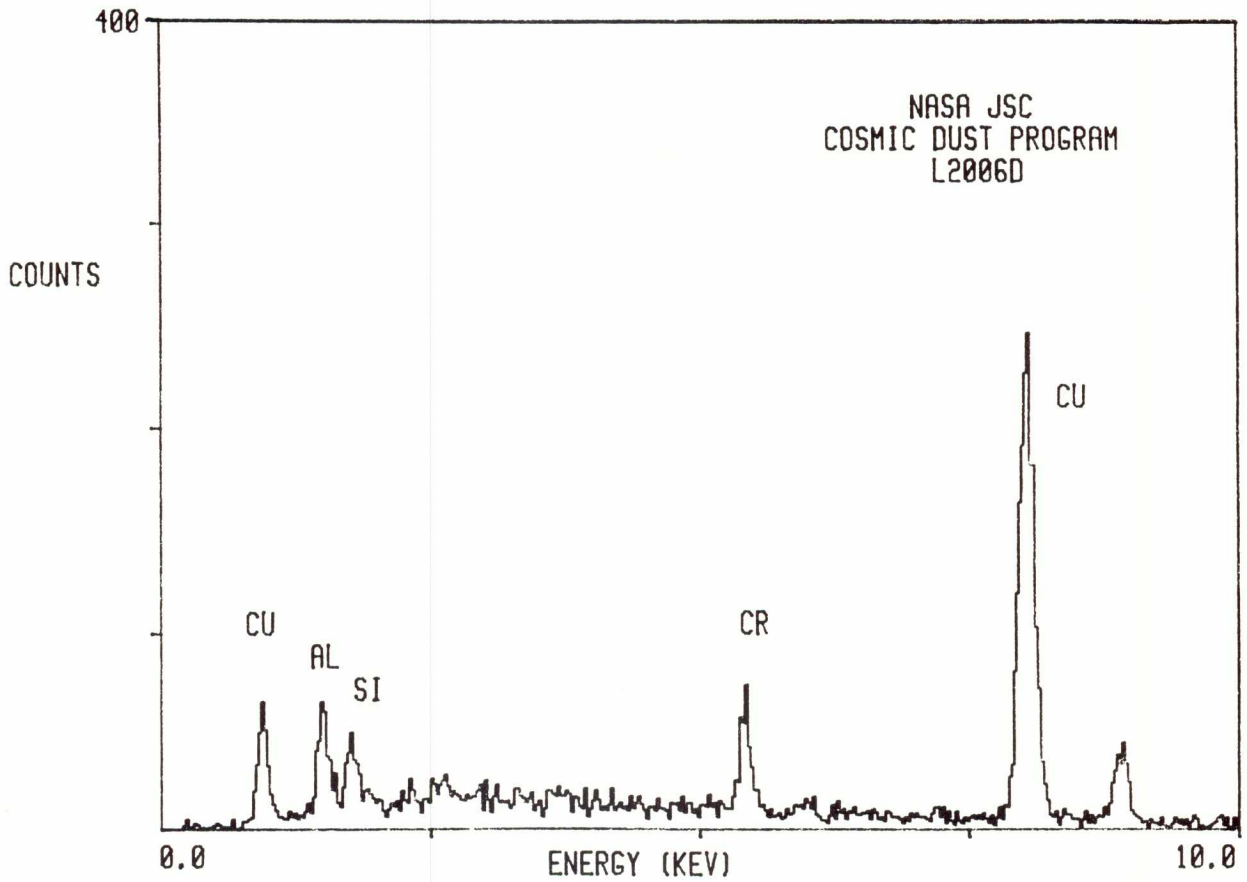


L2006 D 9

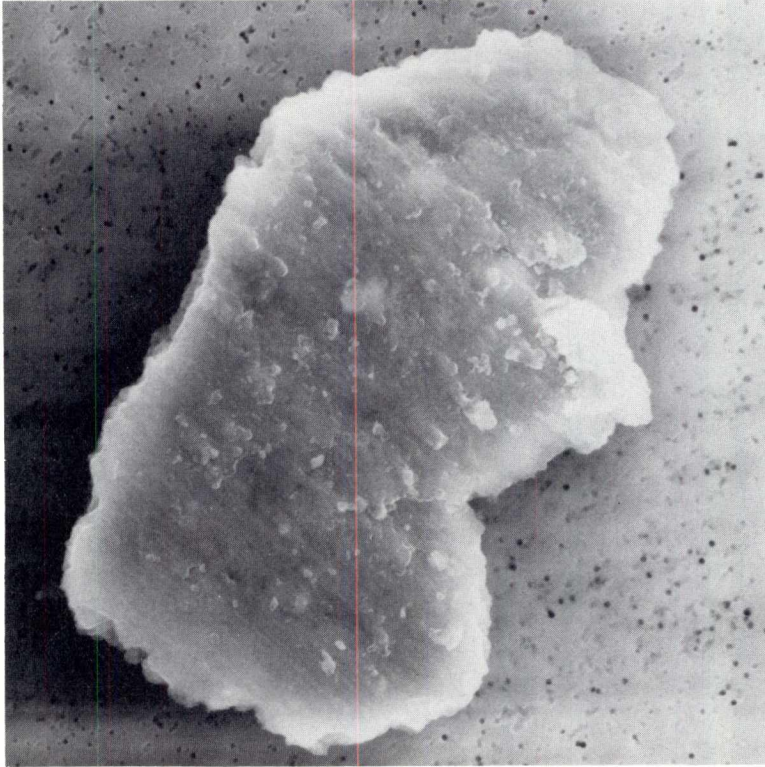


SIZE: 30x20  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D/SM  
TYPE: TCA  
COMMENTS:

S-91-32045

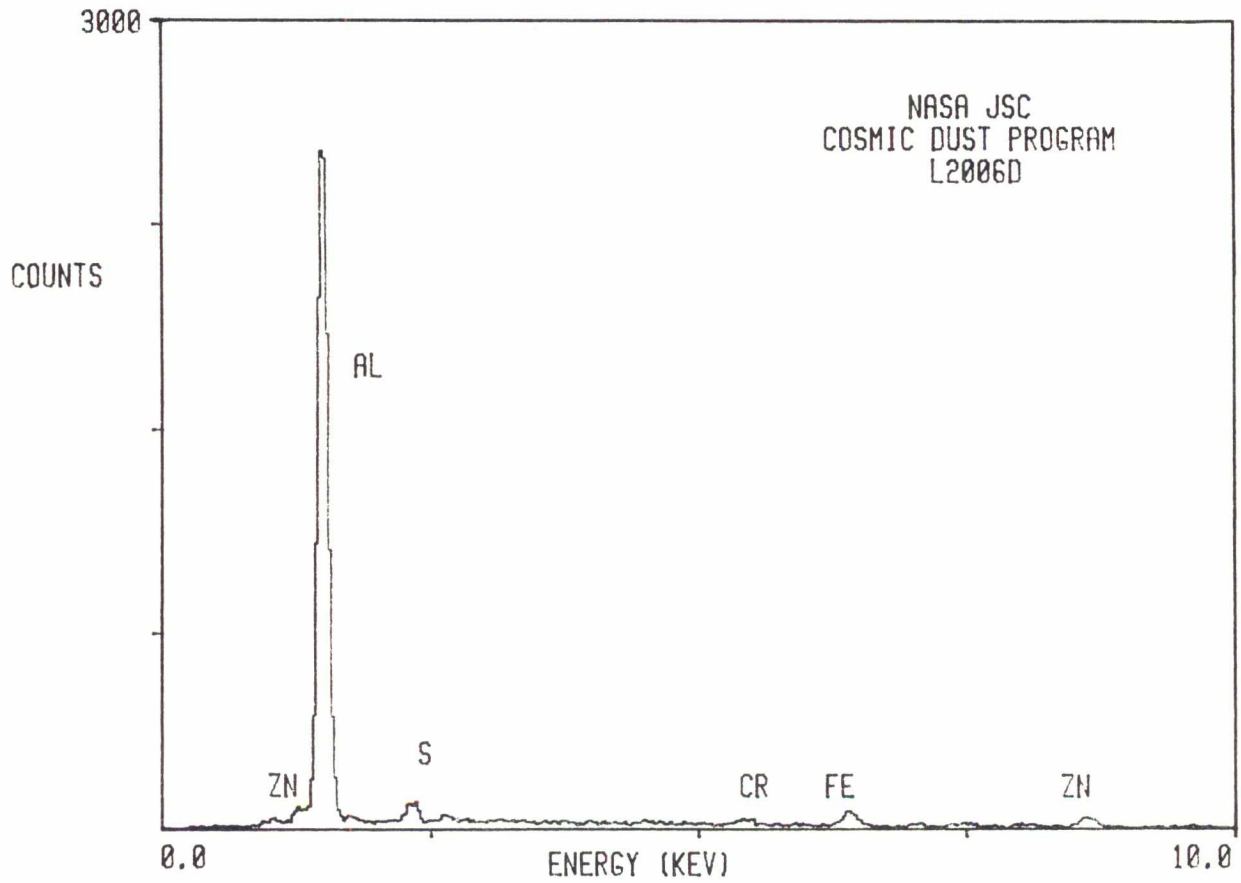


L2006 D 14

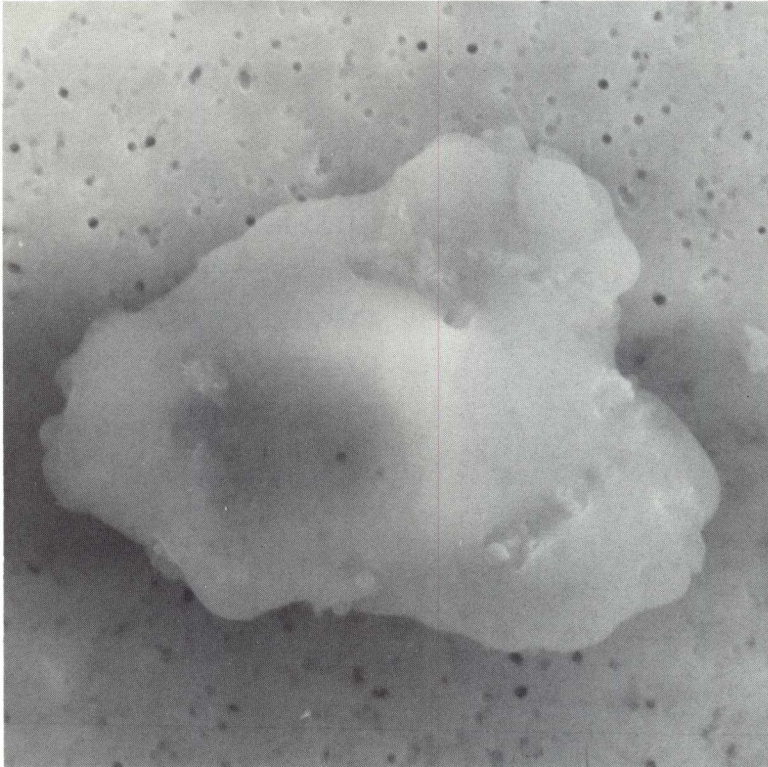


SIZE: 30x15  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SM/D  
TYPE: TCA  
COMMENTS:

S-91-32050

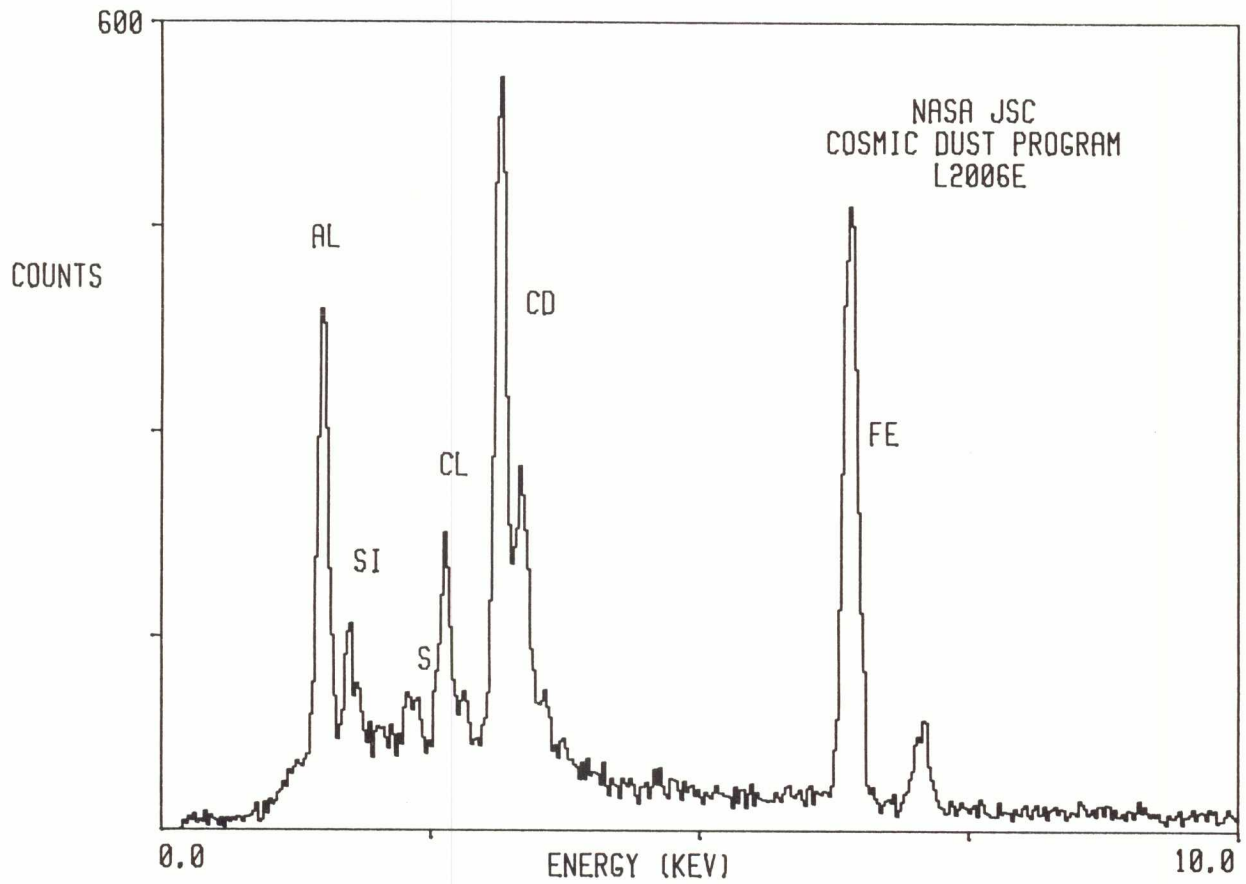


L2006 E 4

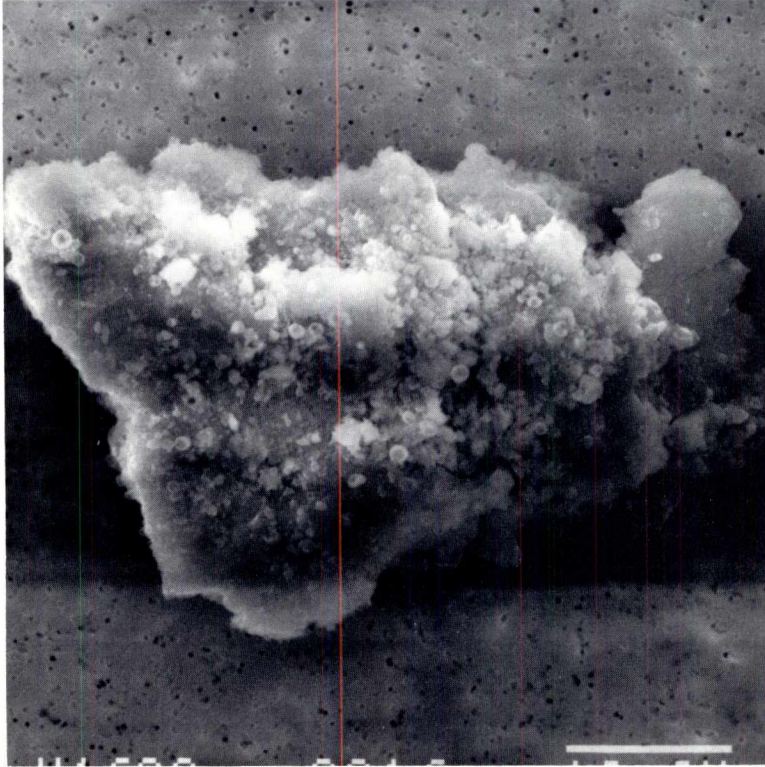


SIZE: 20x15  
SHAPE: I/E  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: D/SV  
TYPE: TCA  
COMMENTS:

S-91-32100

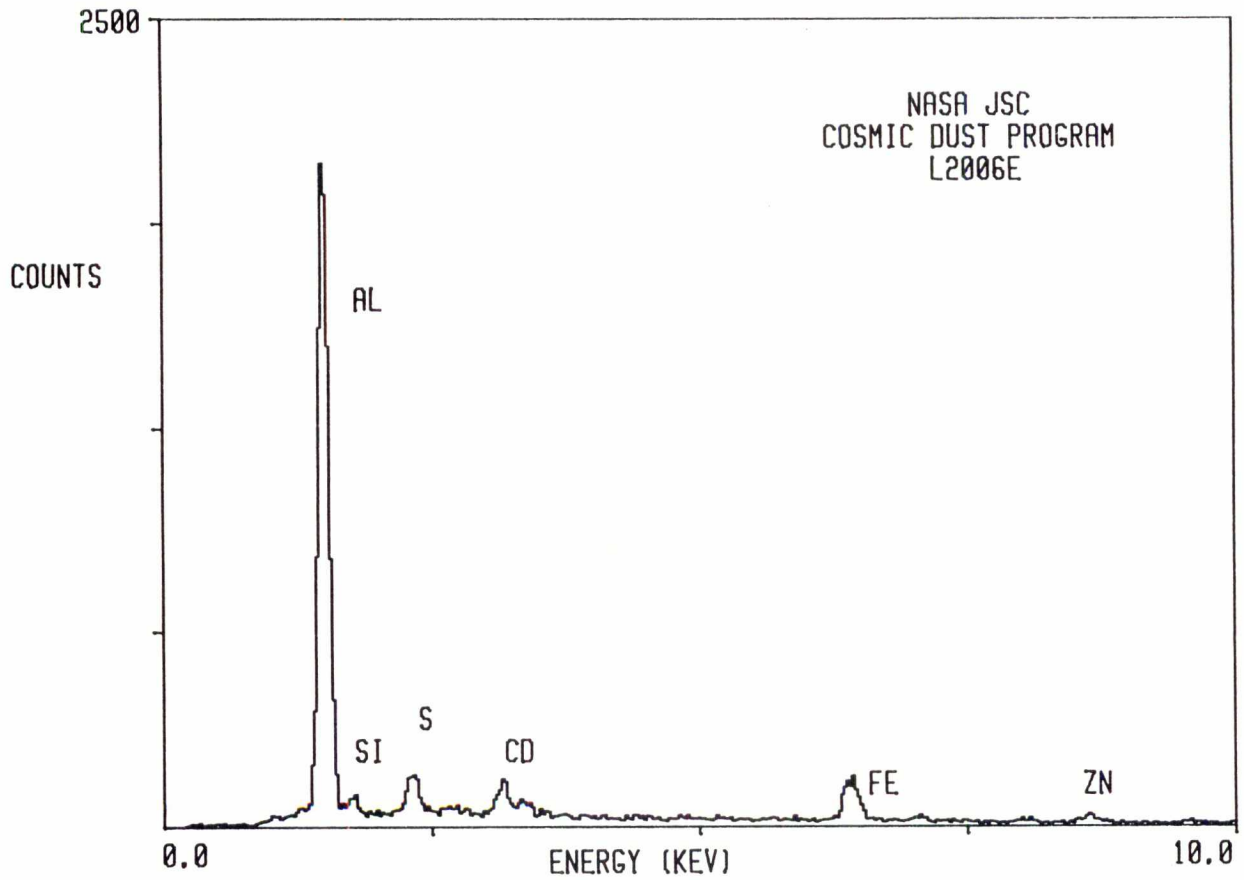


L2006 E 9

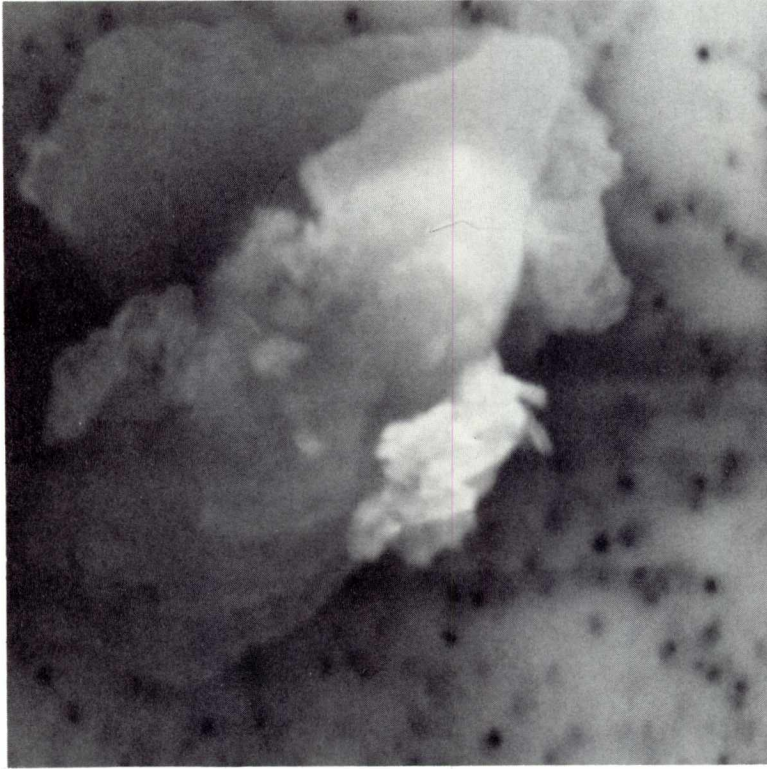


SIZE: 40x30  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D  
TYPE: TCA  
COMMENTS:

S-91-32105



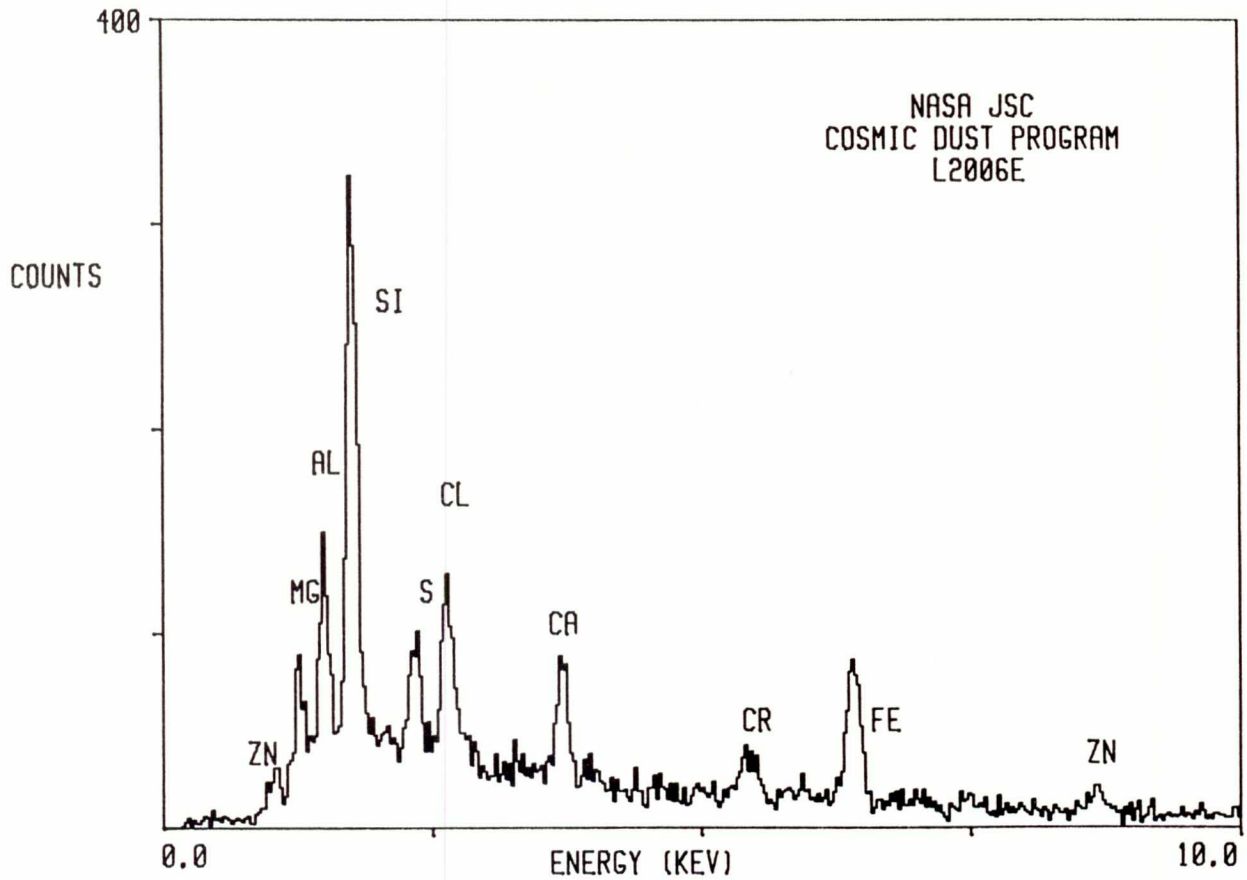
L2006 E 11



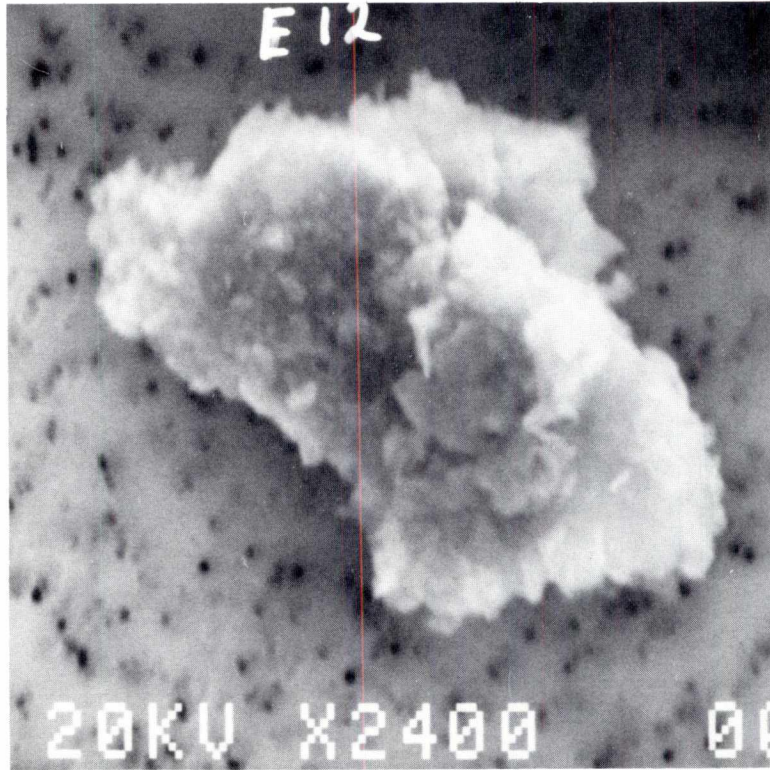
SIZE: 12  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D/SM  
TYPE: TCA?

COMMENTS:  
Related to L2006  
E12

S-91-32033

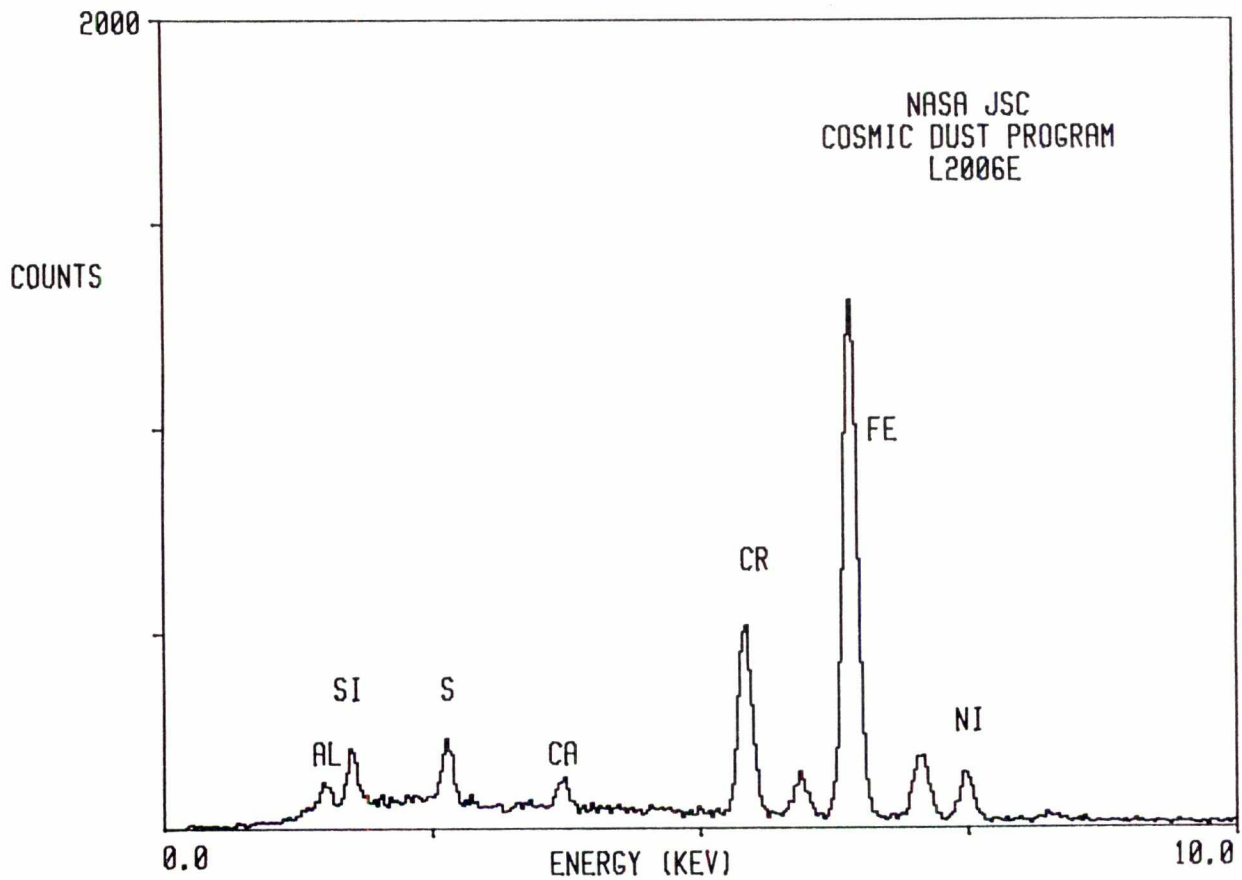




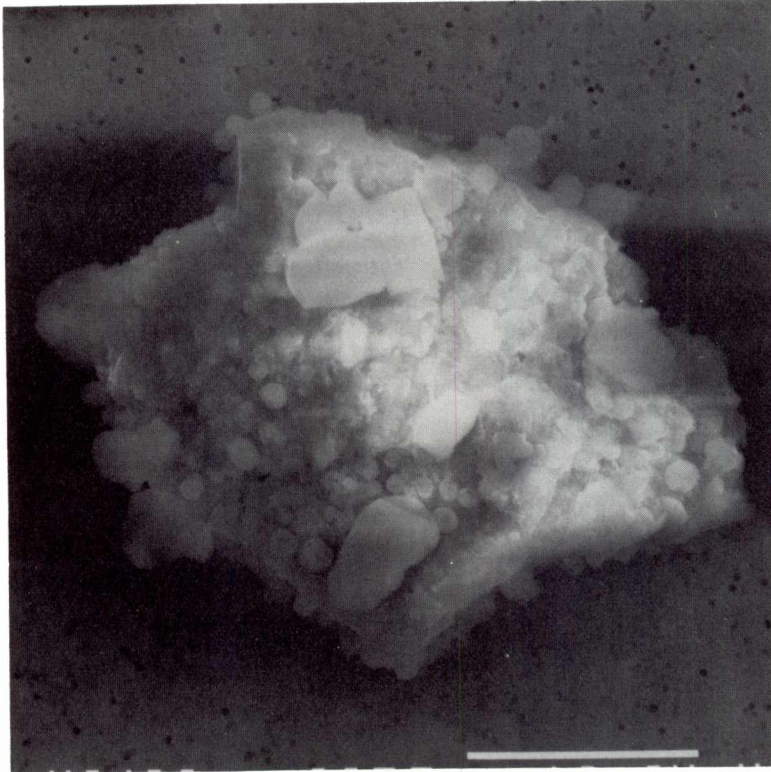


SIZE: 13  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D/SM  
TYPE: TCA?  
COMMENTS:  
Related to L2006  
E11

S-91-32033

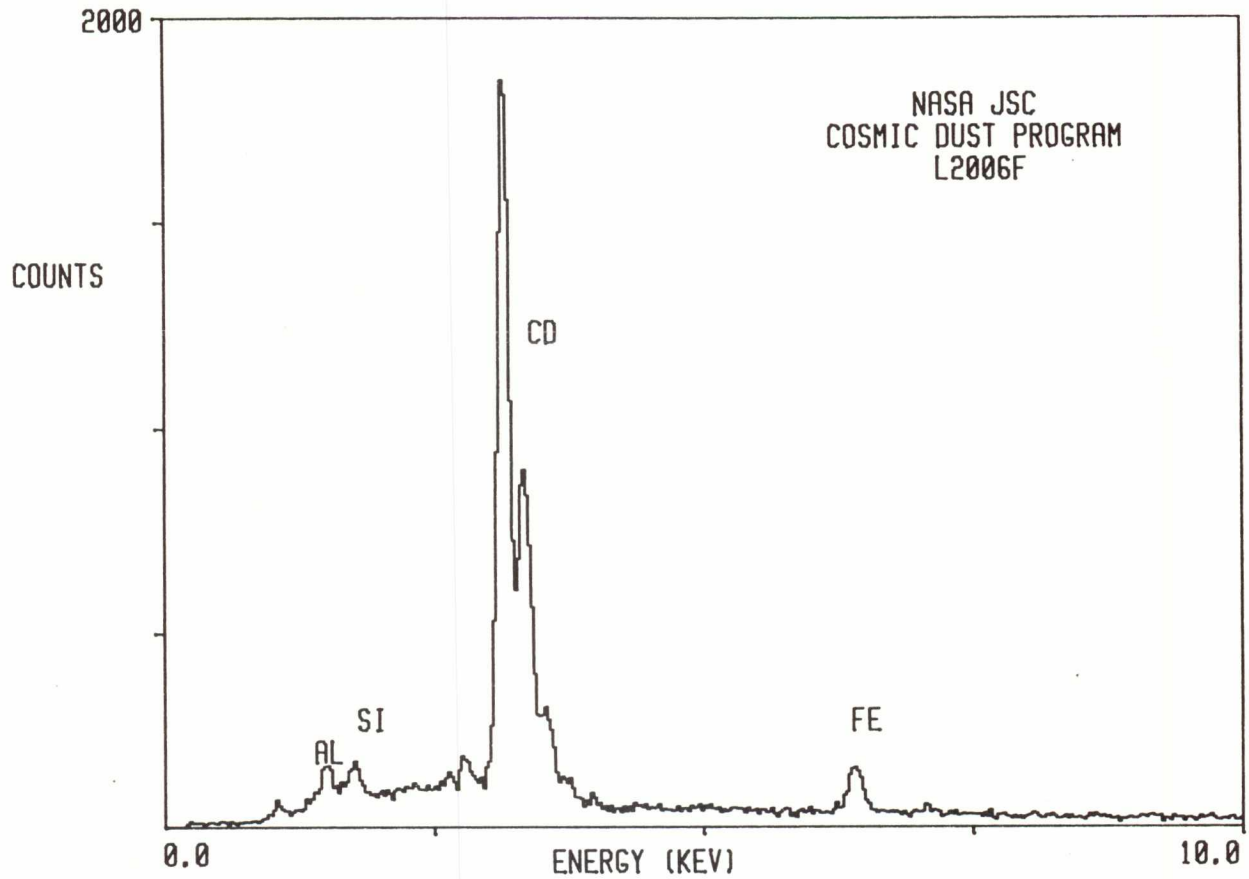


L2006 F 2

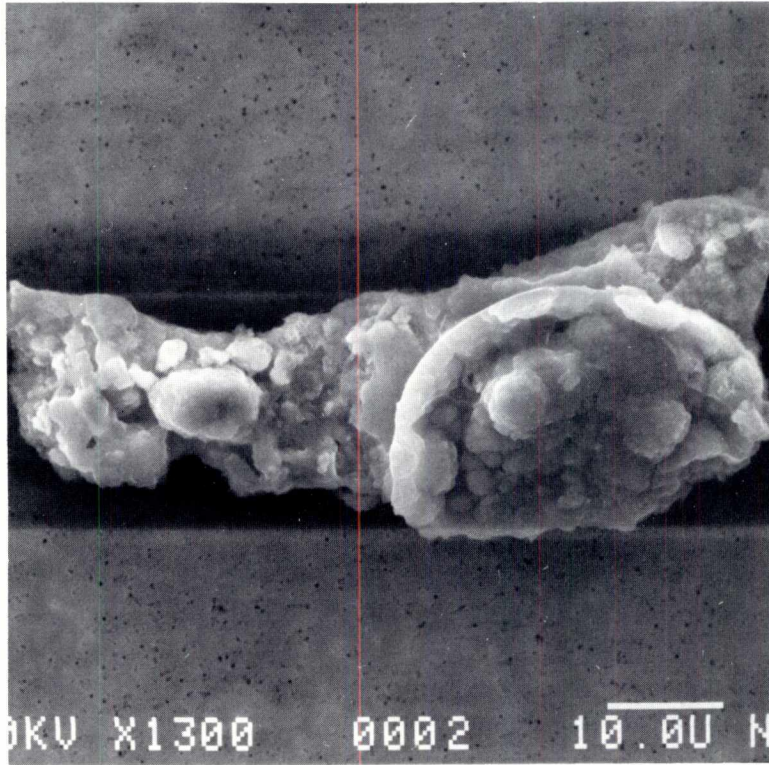


SIZE: 30x20  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D  
TYPE: TCA  
COMMENTS:

S-91-32069

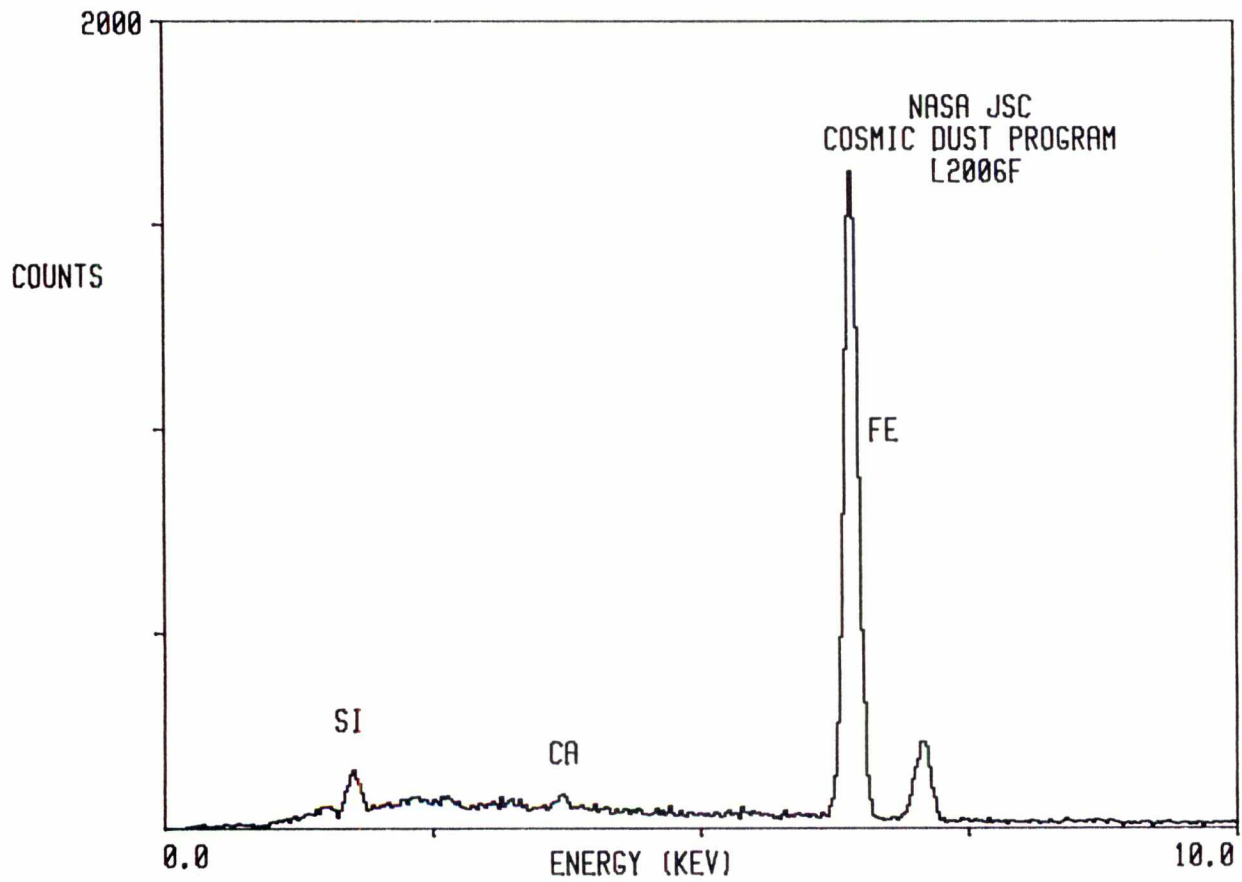


L2006 F 3

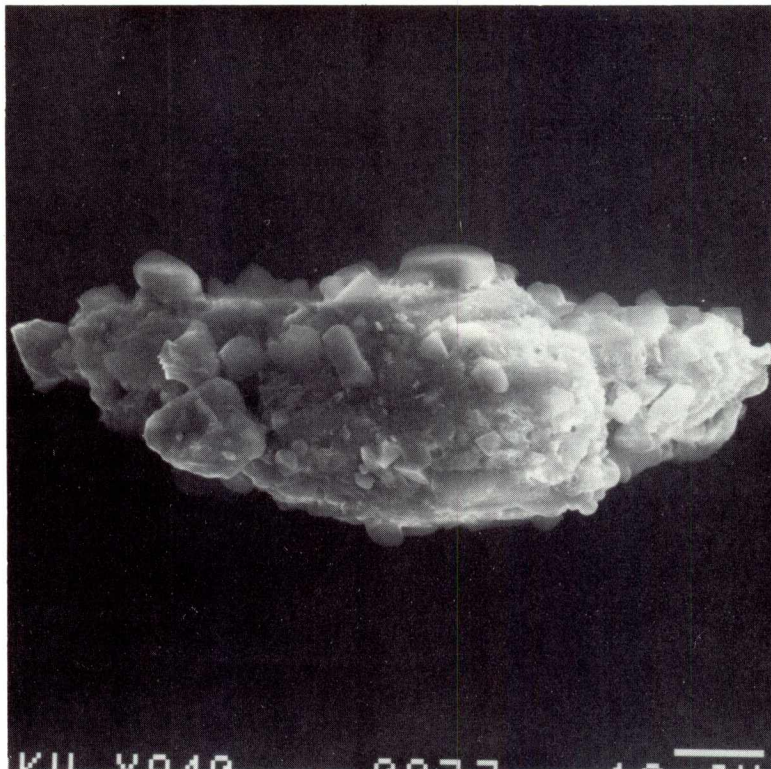


SIZE: 55x20  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: M/SM  
TYPE: TCA?  
COMMENTS:

S-91-32070

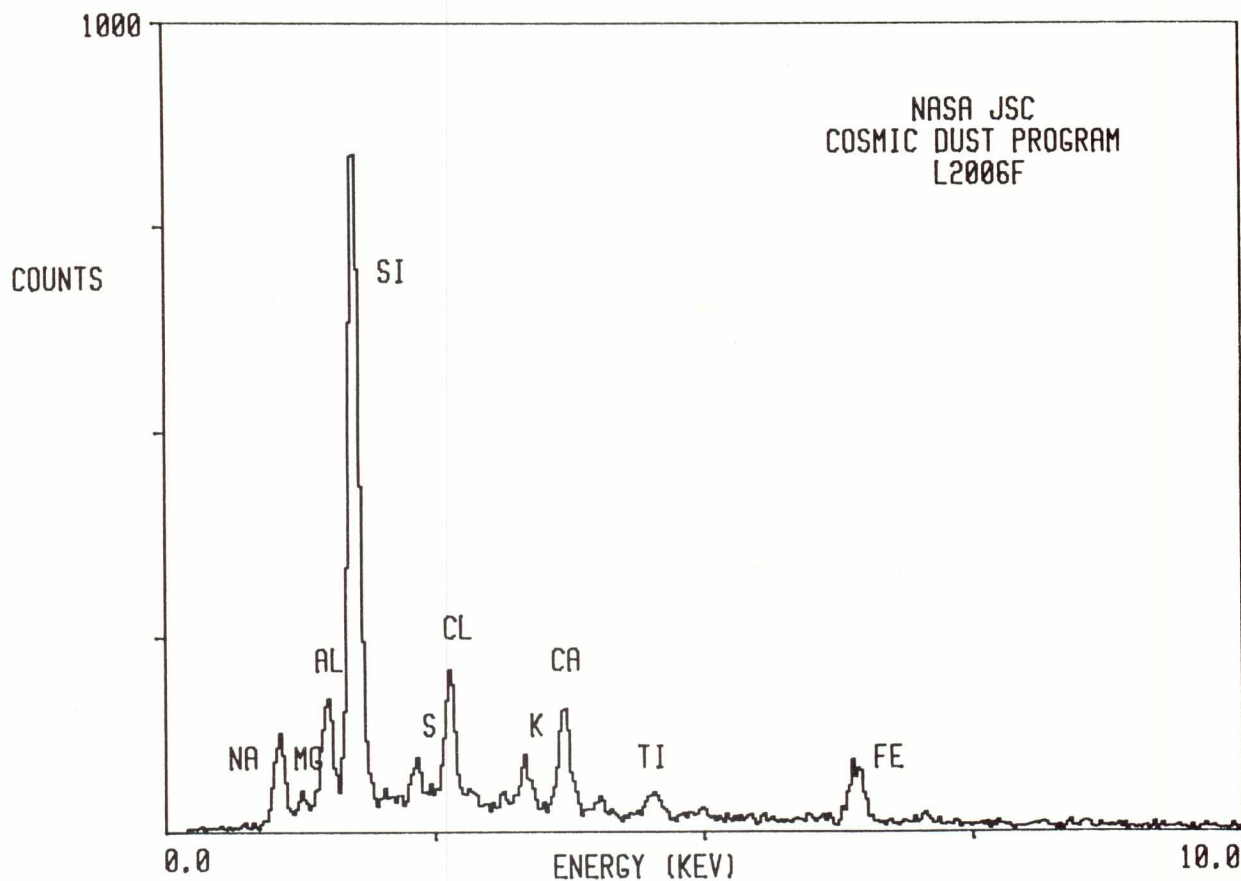


L2006 F 5



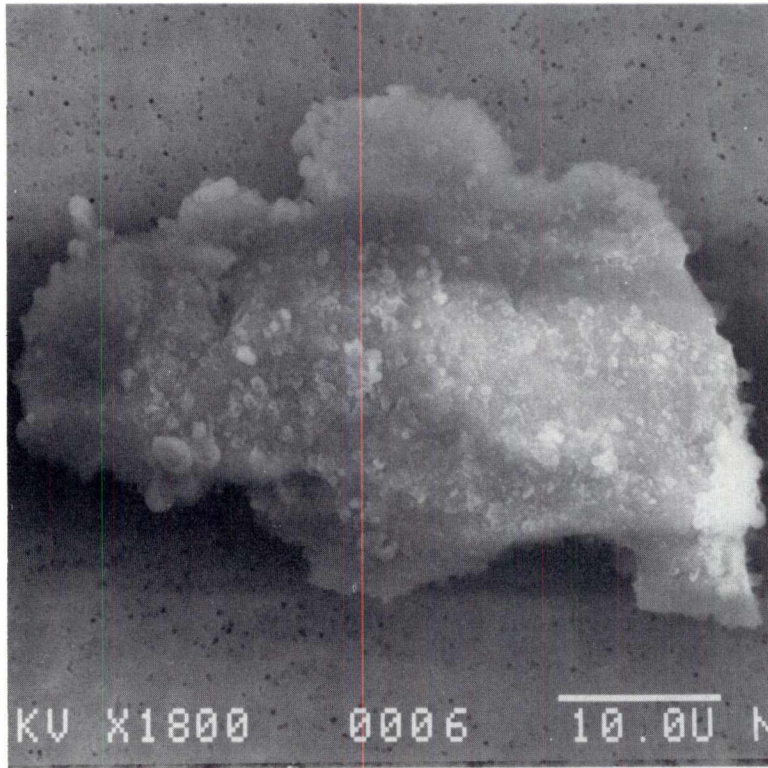
SIZE: 65x28  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D  
TYPE: TCA?  
COMMENTS:

S-91-32072



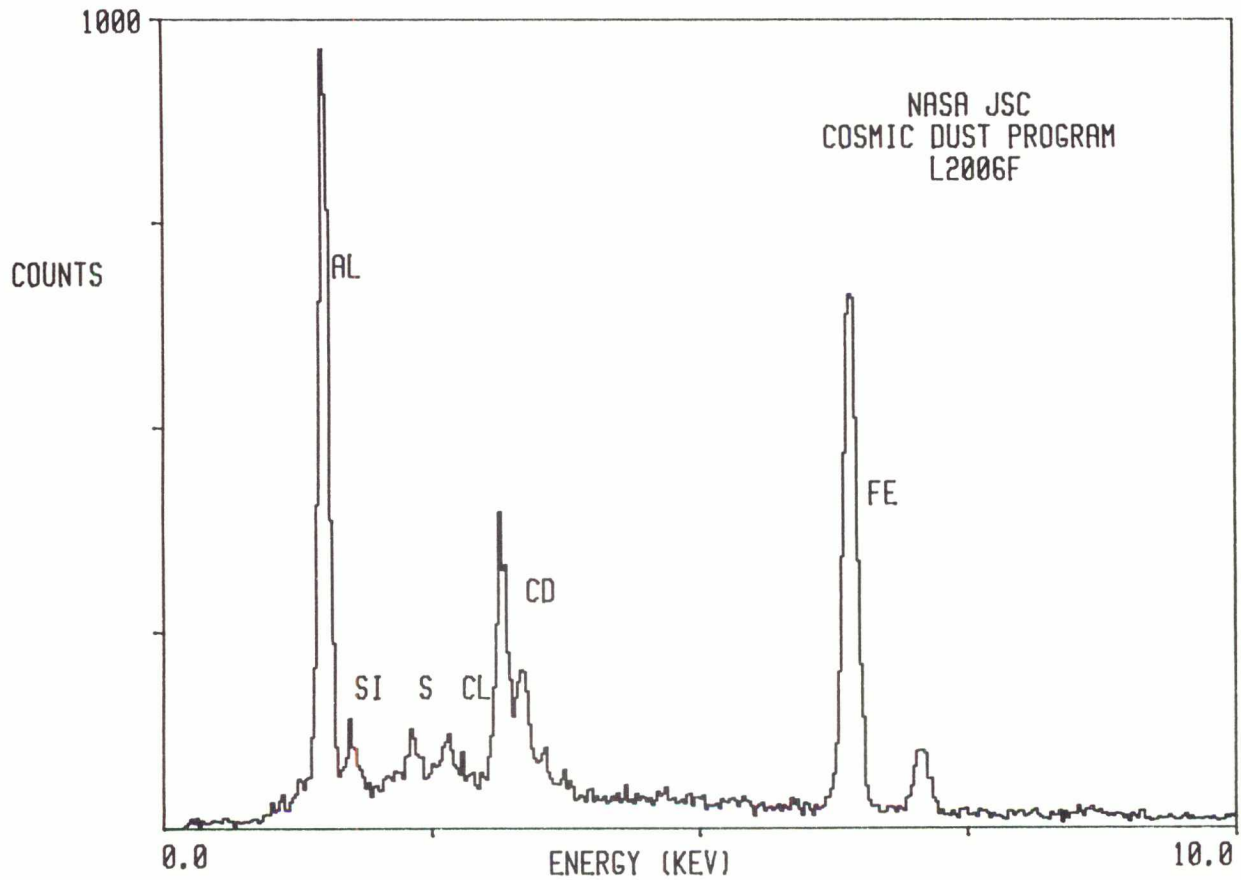
200

L2006 F 11

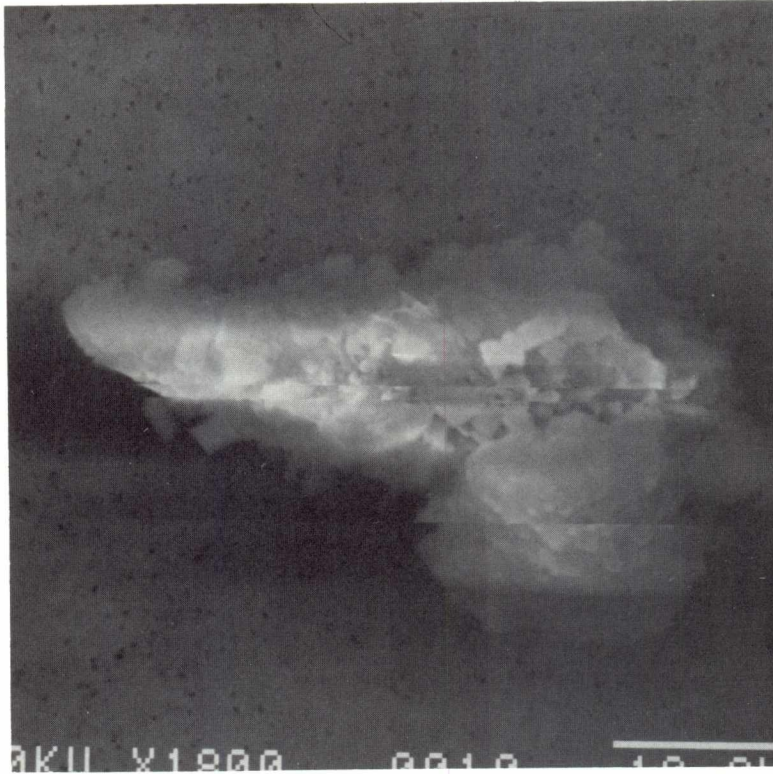


SIZE: 40x25  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: D  
TYPE: TCA  
COMMENTS:

S-91-32078

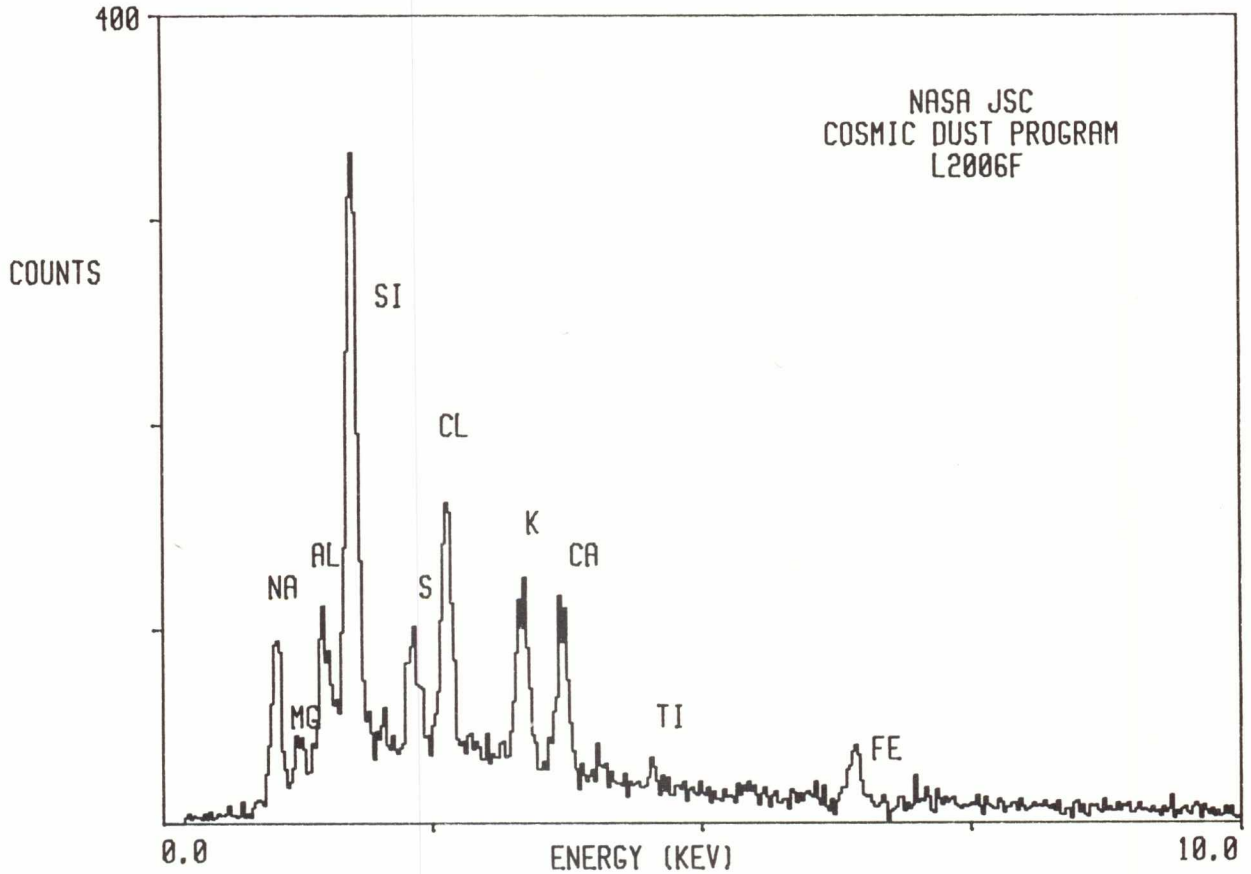


L2006 F 13

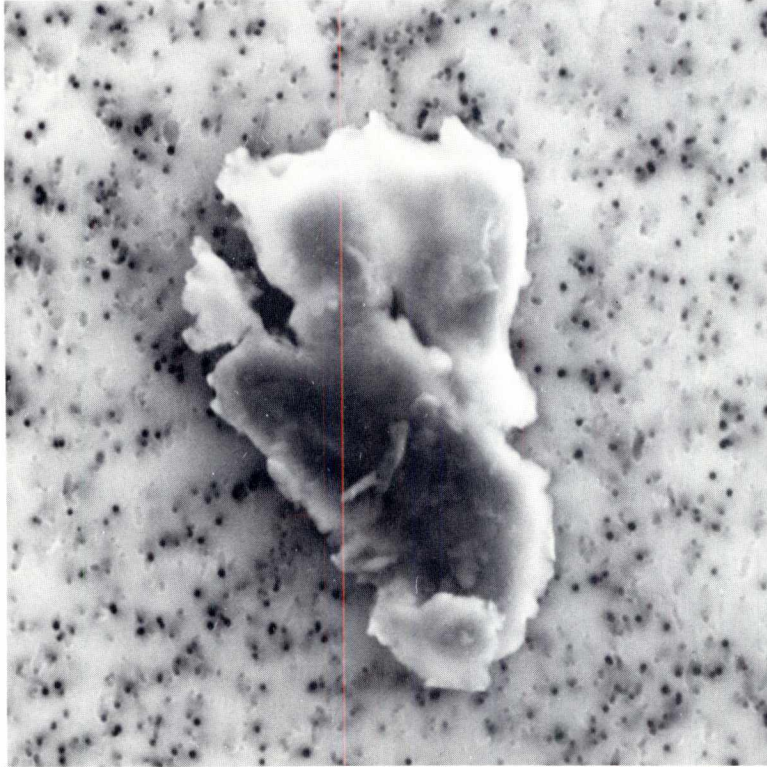


SIZE: 37x15  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: D  
TYPE: TCA  
COMMENTS:

S-91-32080

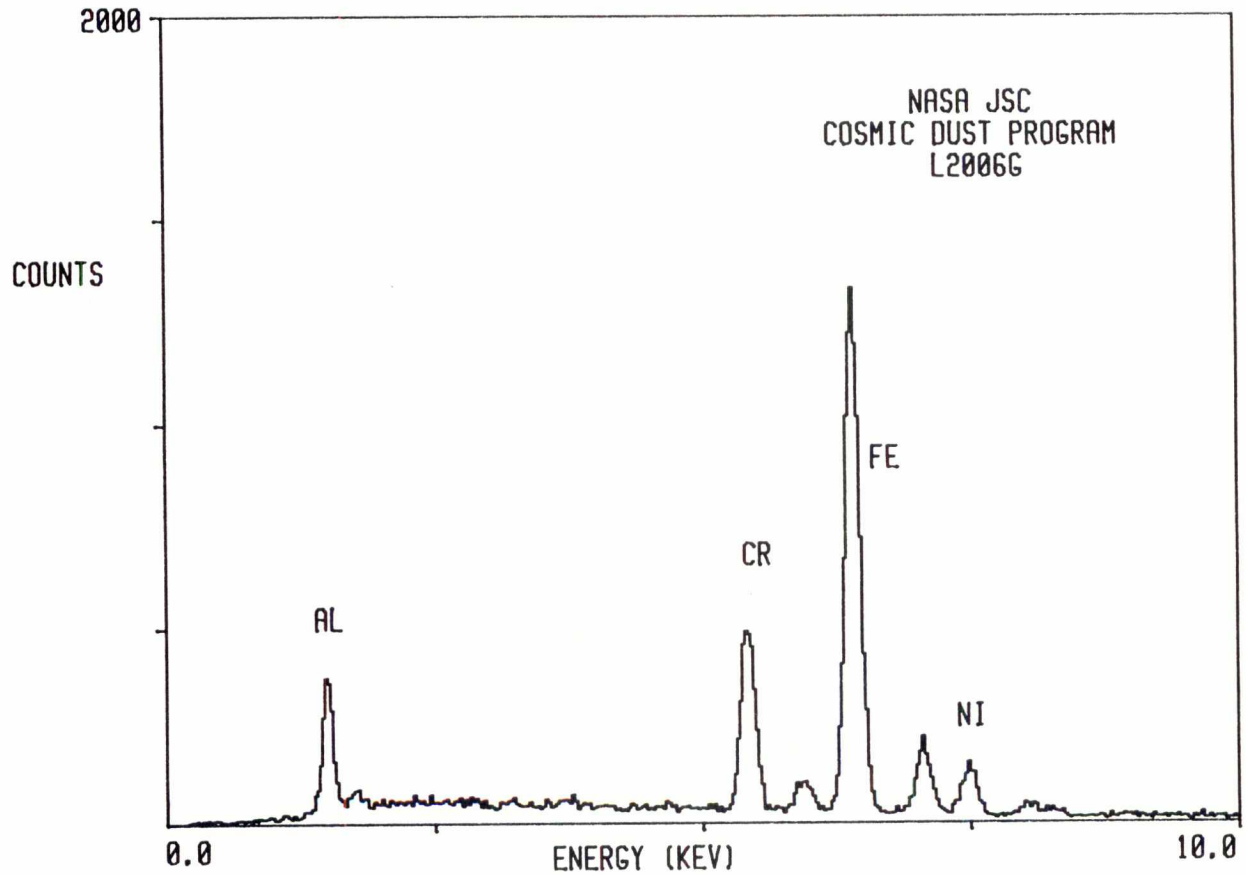


L2006 G 4

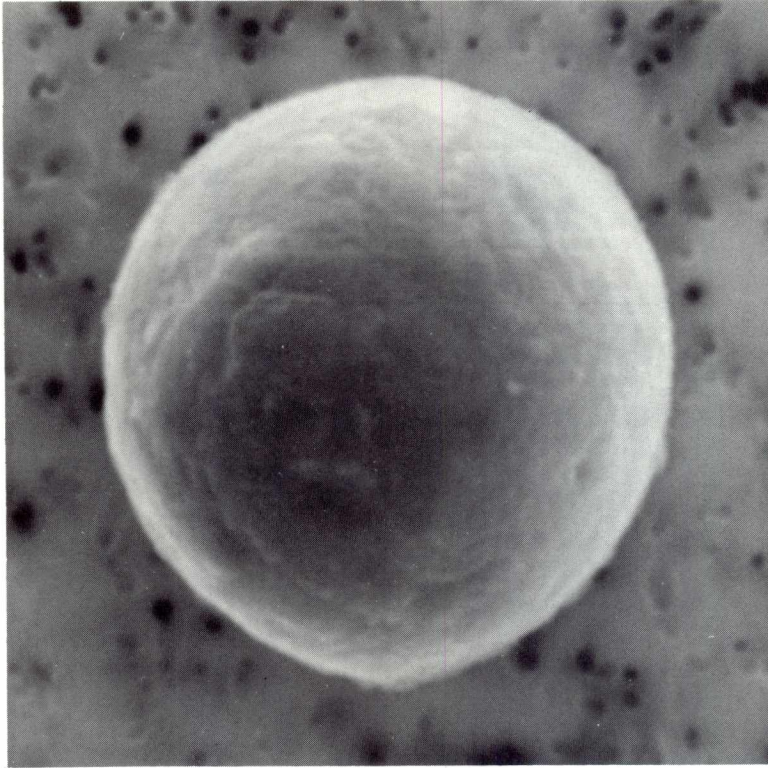


SIZE: 25x15  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D/M  
TYPE: TCA  
COMMENTS:

S-91-32085

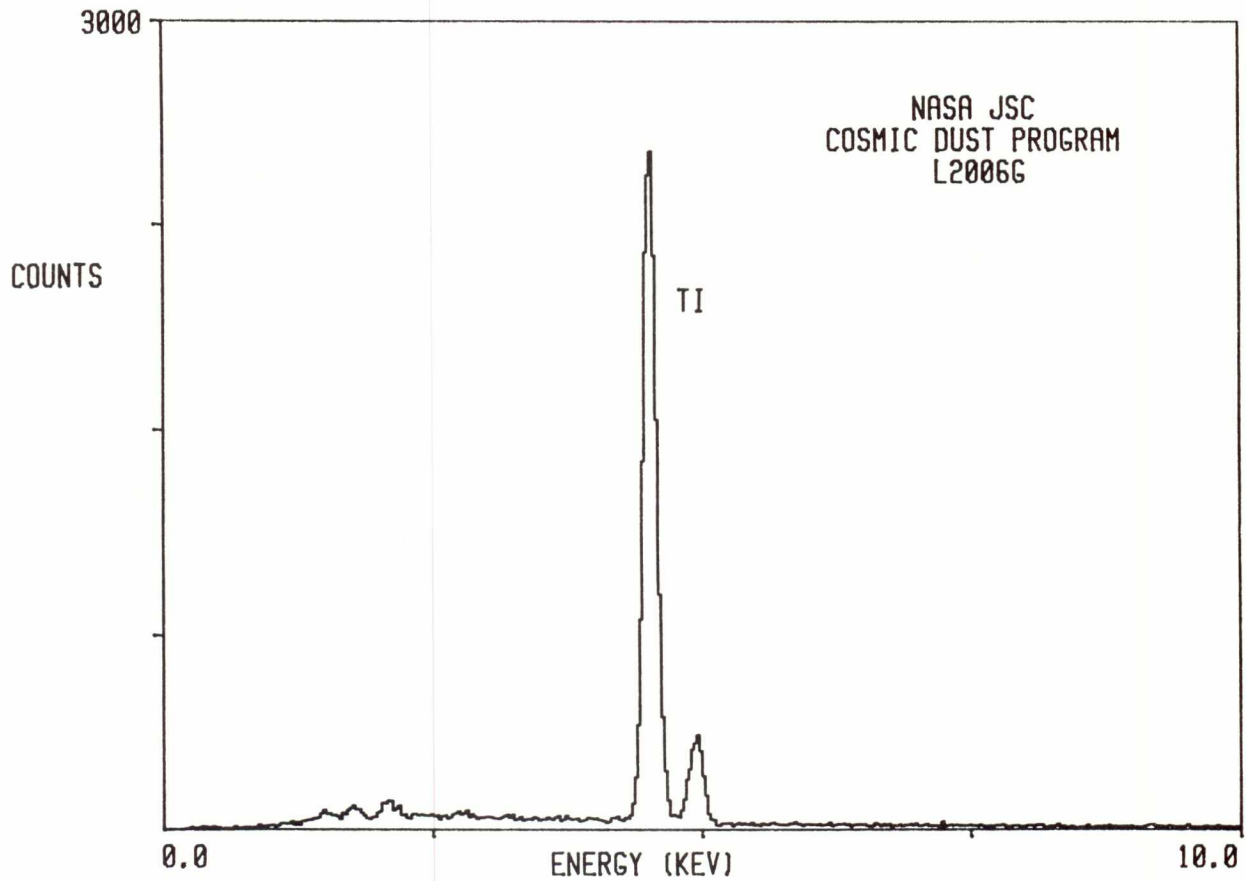


L2006 G 8



SIZE: 10  
SHAPE: S  
TRANS.: O  
COLOR: Black  
LUSTER: D/SV  
TYPE: TCA?  
COMMENTS:

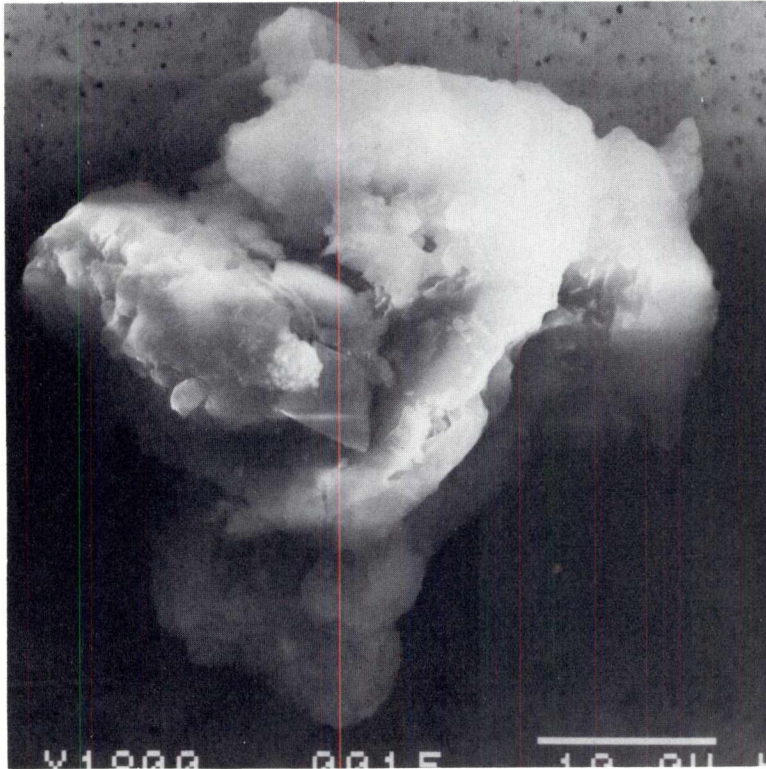
S-91-32089



204

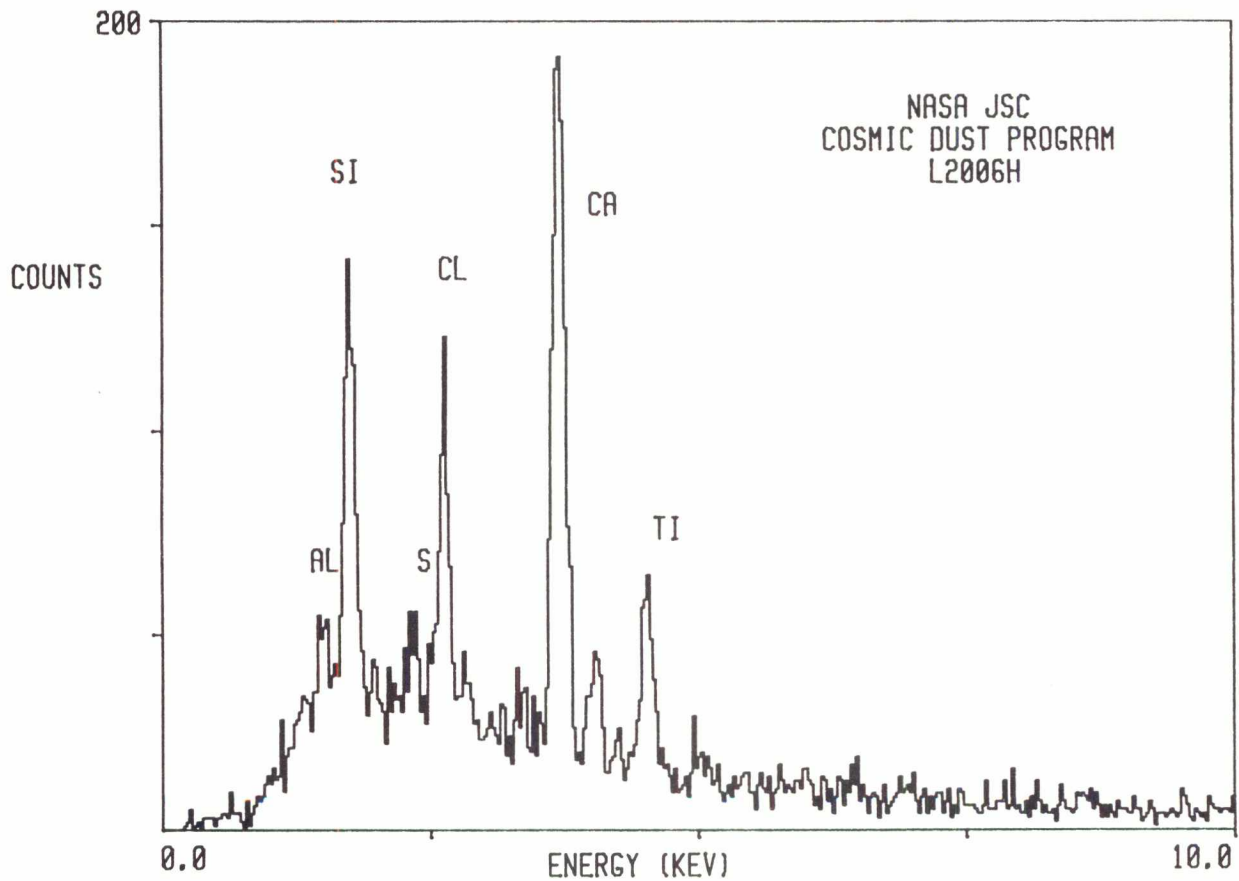


L2006 H 2

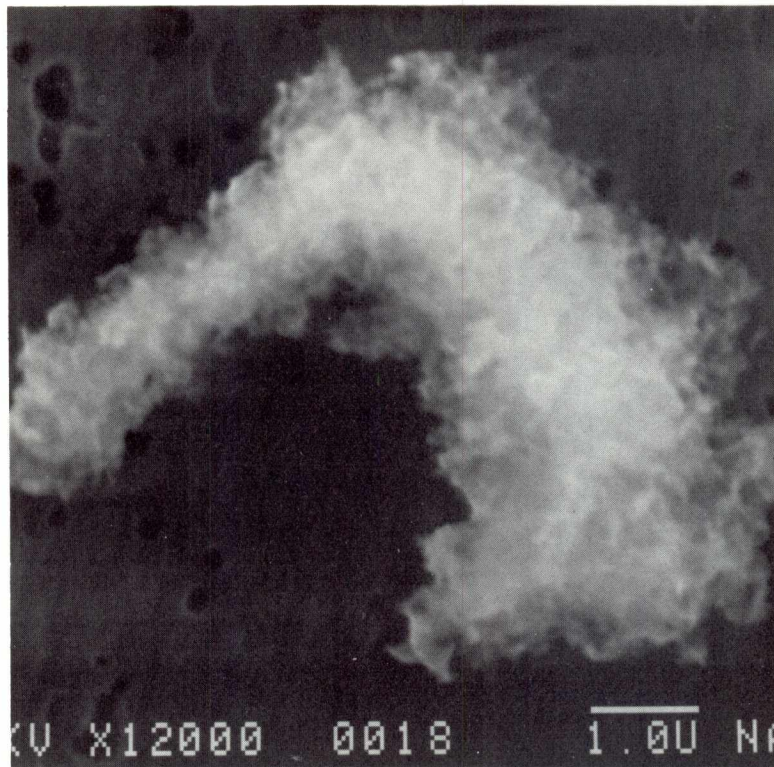


SIZE: 37  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: D/SV  
TYPE: TCA?  
COMMENTS:

S-91-32112

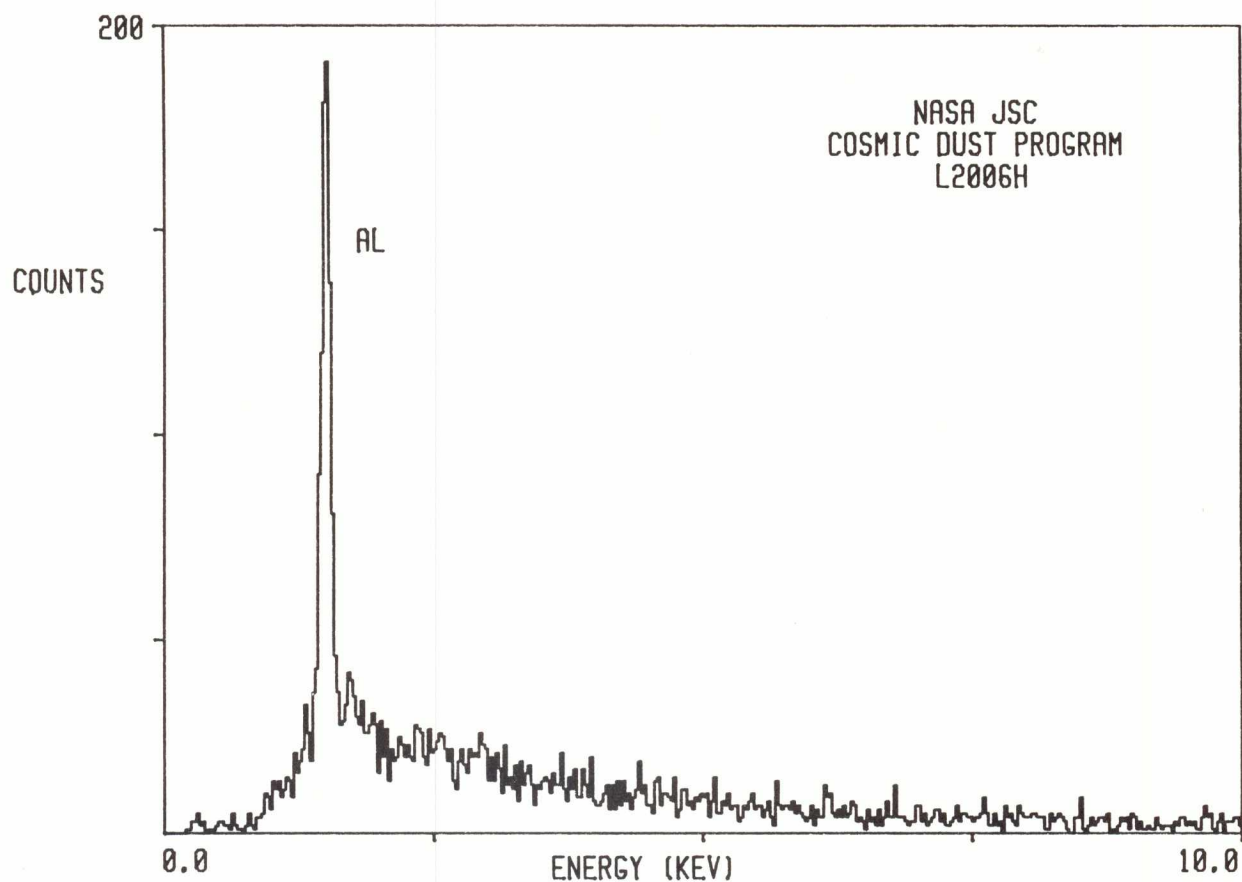


L2006 H 3

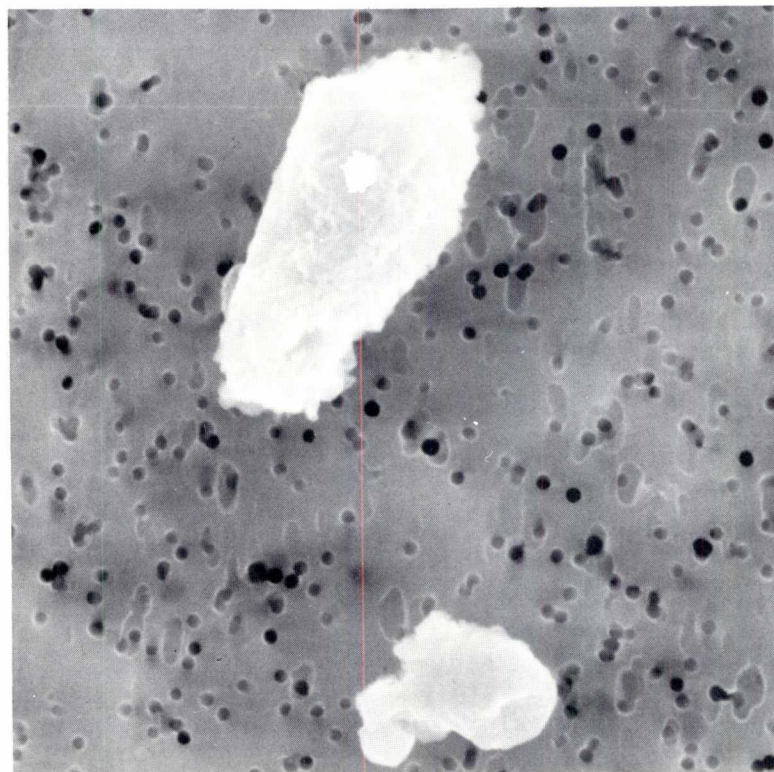


SIZE: 7  
SHAPE: I  
TRANS.: TL  
COLOR: Brown  
LUSTER: D/SV  
TYPE: TCA  
COMMENTS:

S-91-32113

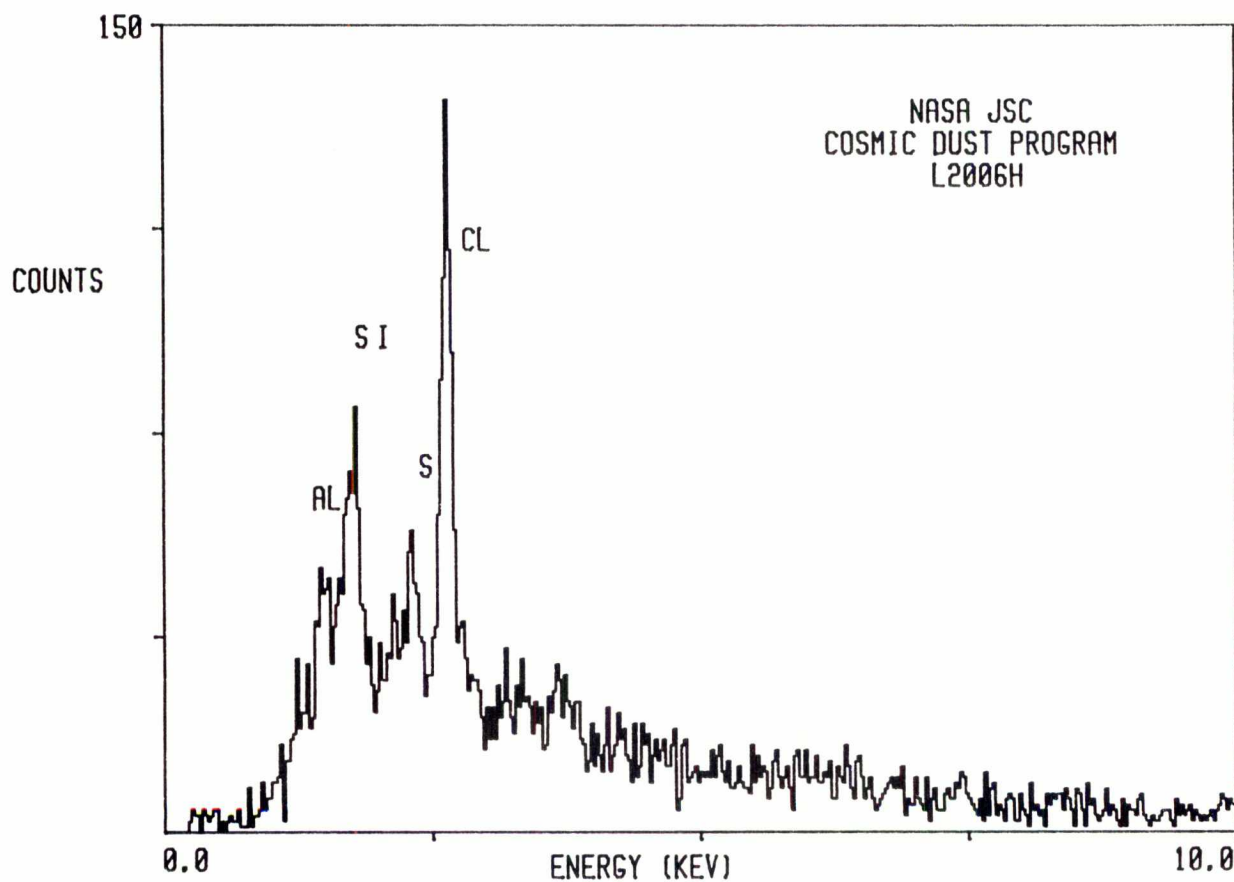


L2006 H 4

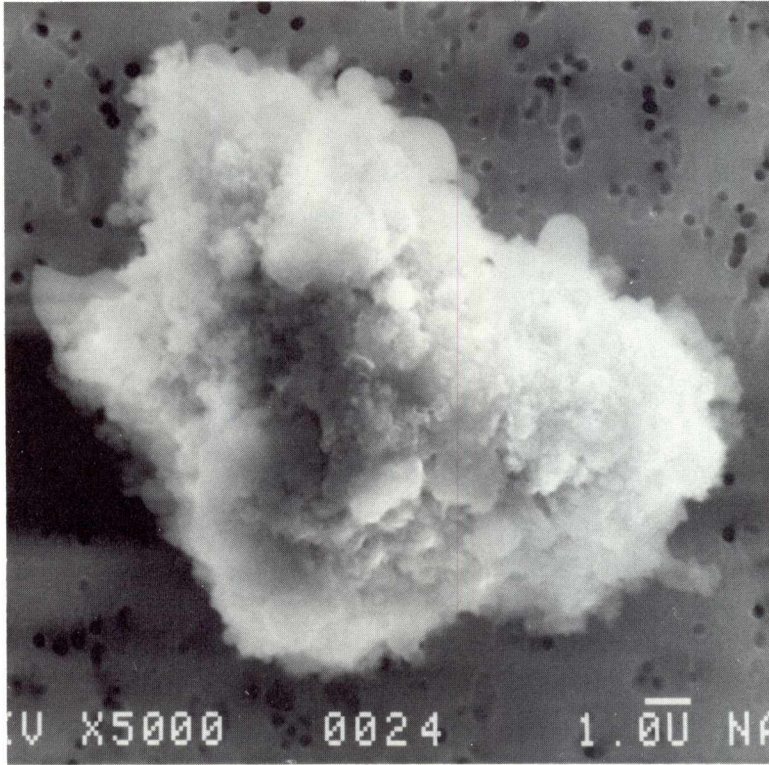


SIZE: 8x4  
SHAPE: I  
TRANS.: TL/O  
COLOR: Brown  
LUSTER: D  
TYPE: TCA  
COMMENTS:

S-91-32114

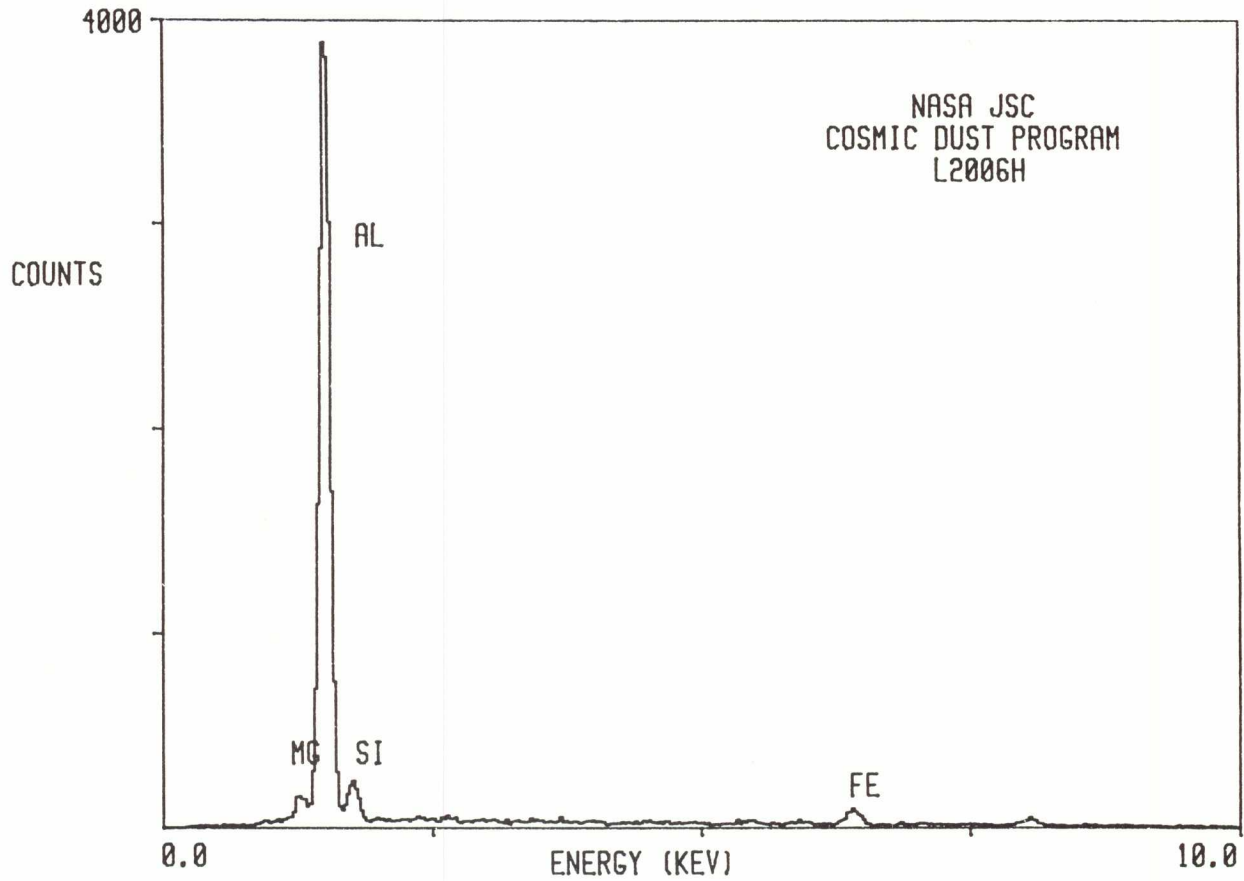


L2006 H 9

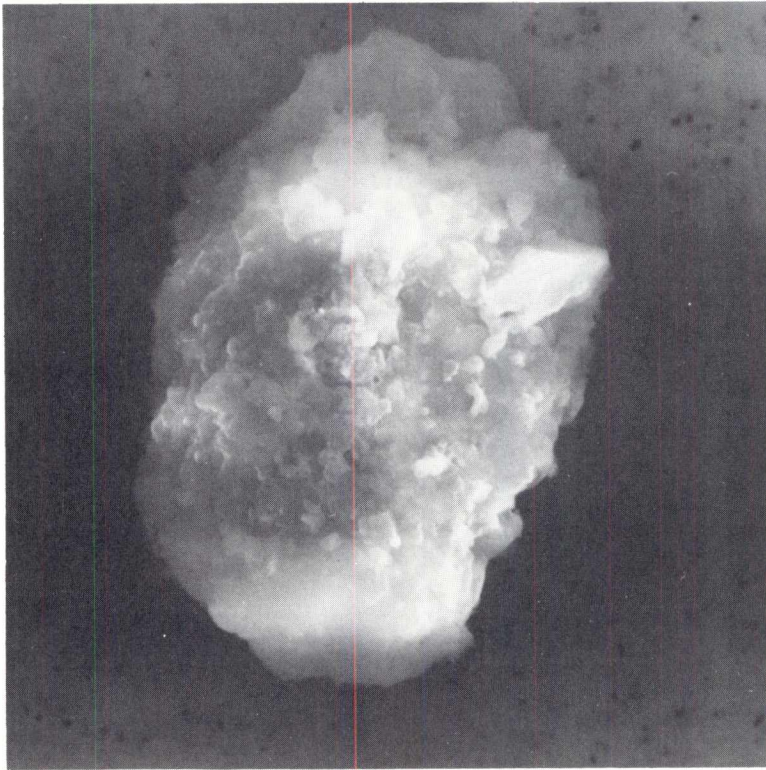


SIZE: 14  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: TCA  
COMMENTS:

S-91-32119

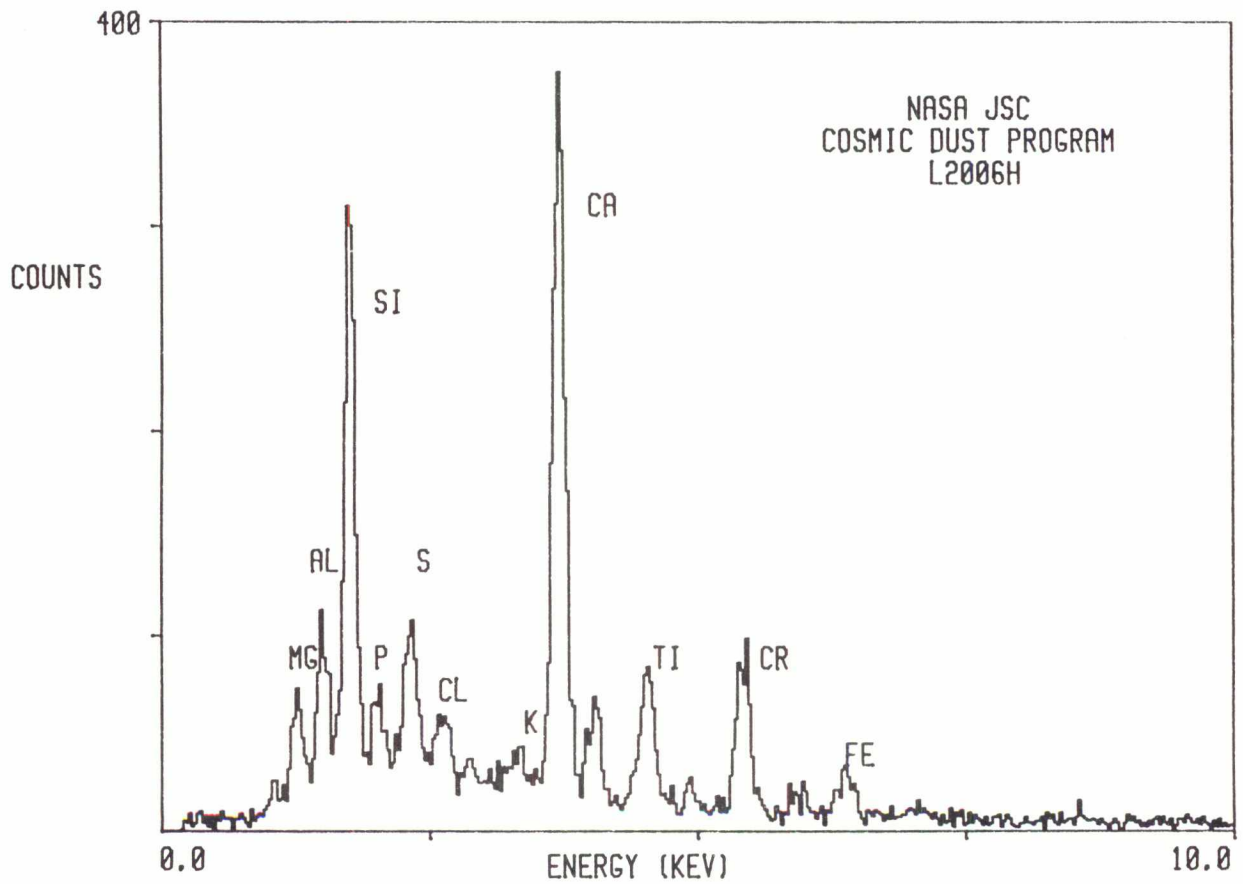


L2006 H 10

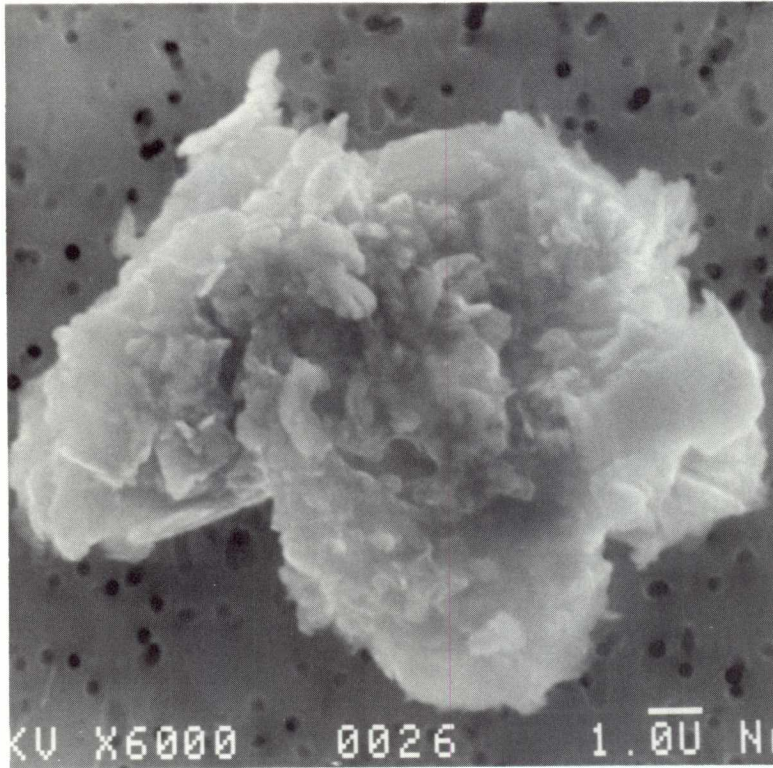


SIZE: 28x18  
SHAPE: I  
TRANS.: O  
COLOR: White  
LUSTER: D/SV  
TYPE: TCA  
COMMENTS:

S-91-32120

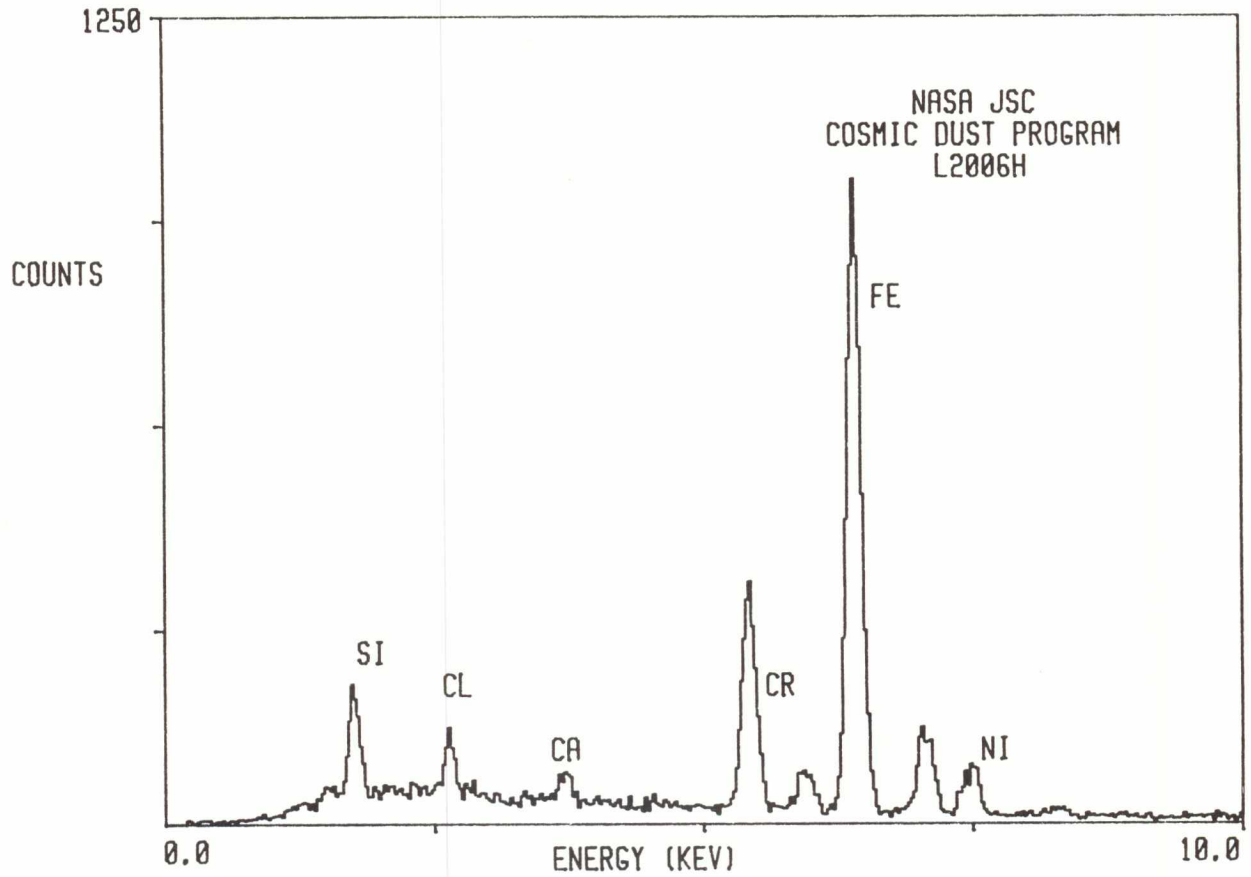


L2006 H 11

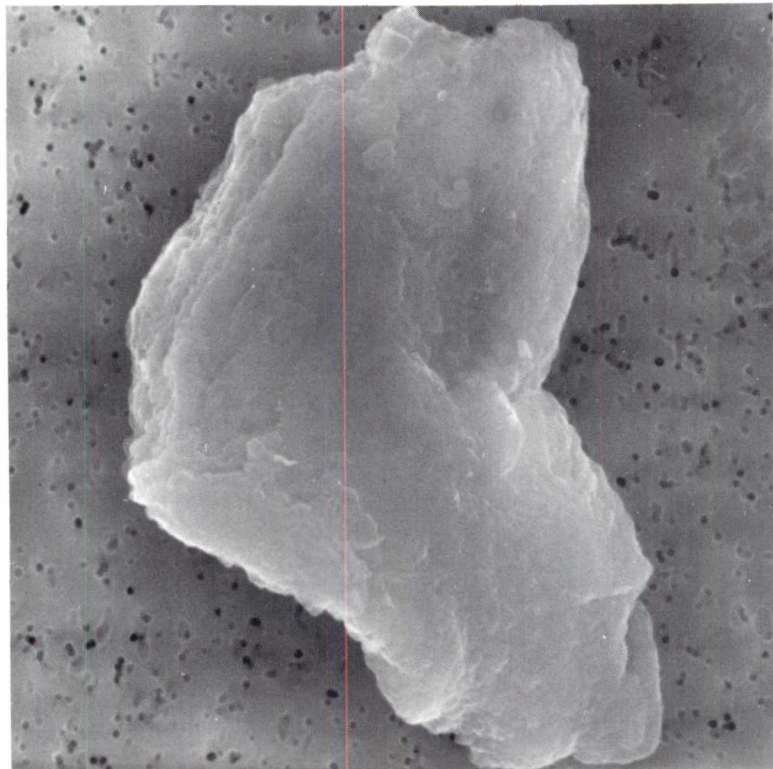


SIZE: 14  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM  
TYPE: TCA?  
COMMENTS:

S-91-32121

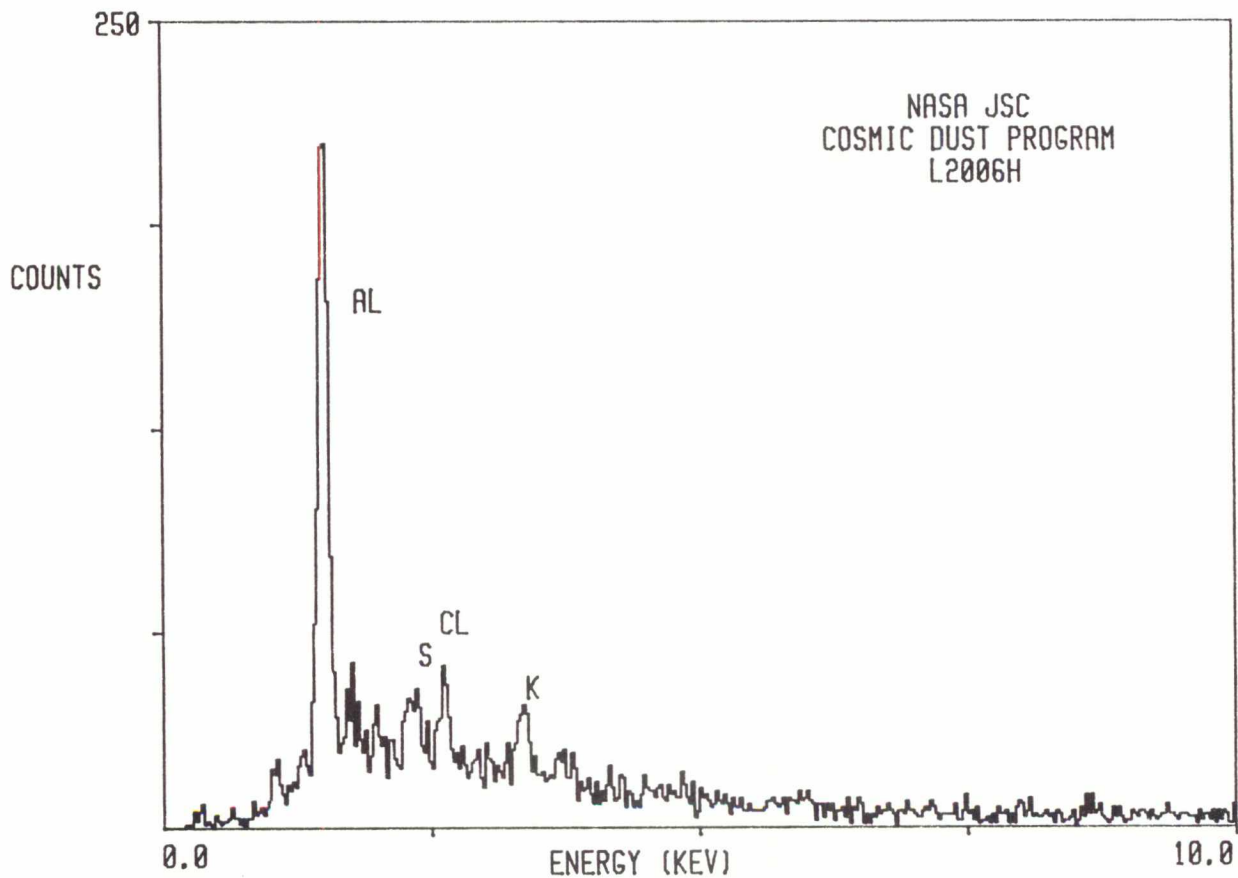


L2006 H 12

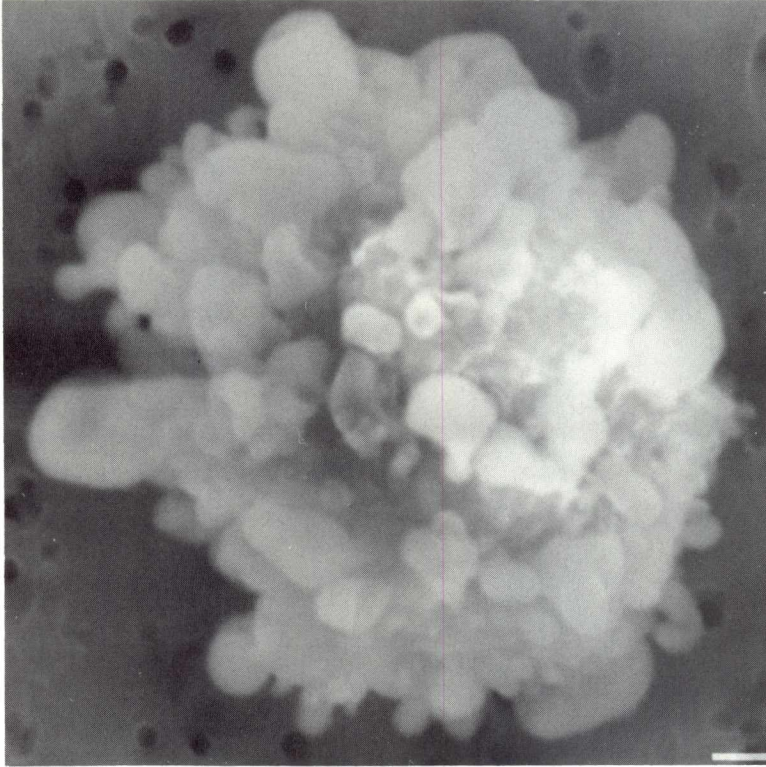


SIZE: 28x15  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SV/D  
TYPE: TCA  
COMMENTS:

S-91-32122

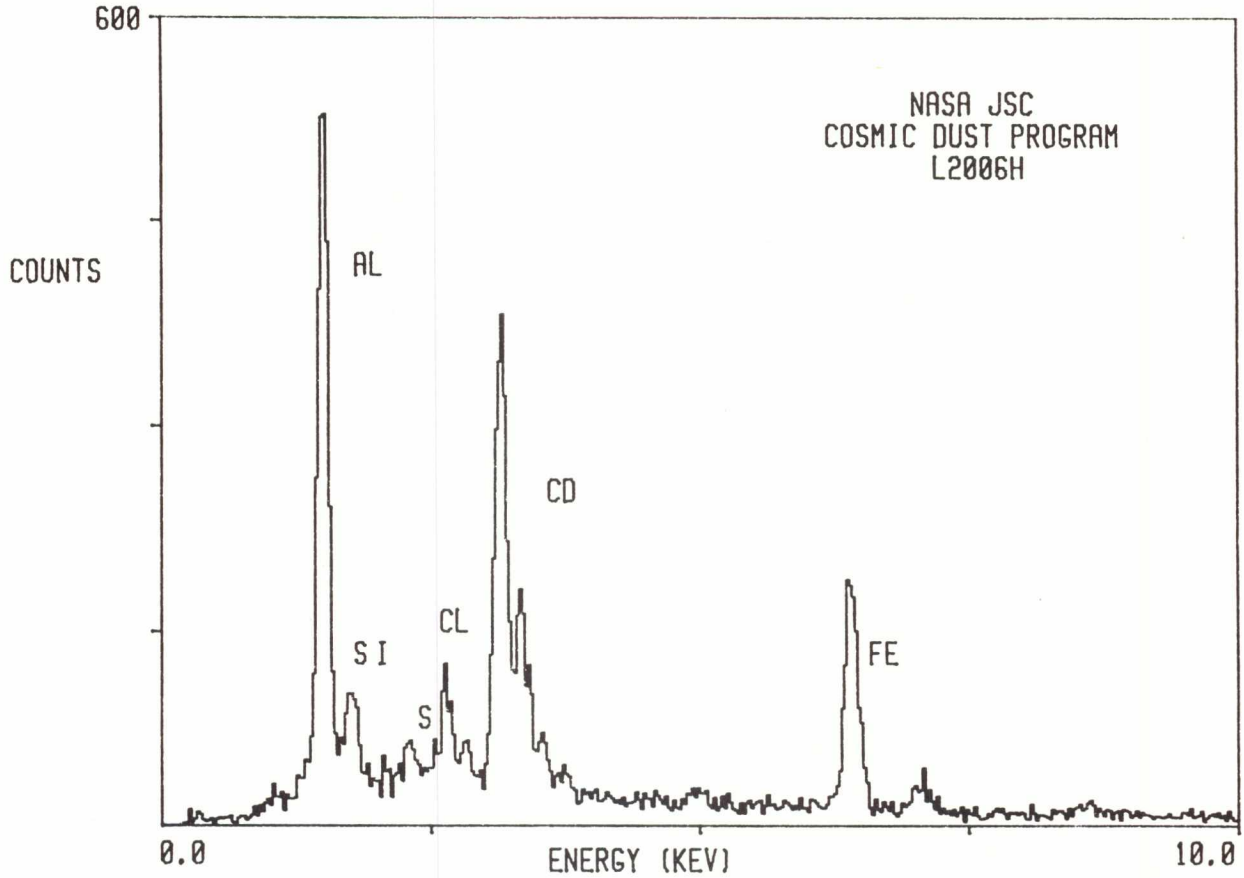


L2006 H 15



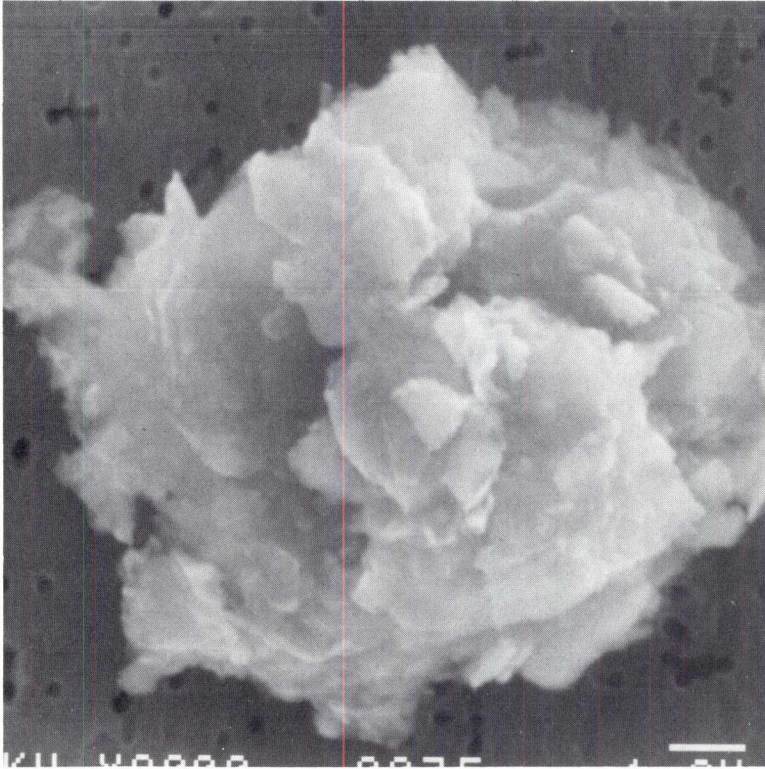
SIZE: 9x8  
SHAPE: I/E  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV/SM  
TYPE: TCA  
COMMENTS:

S-91-32125



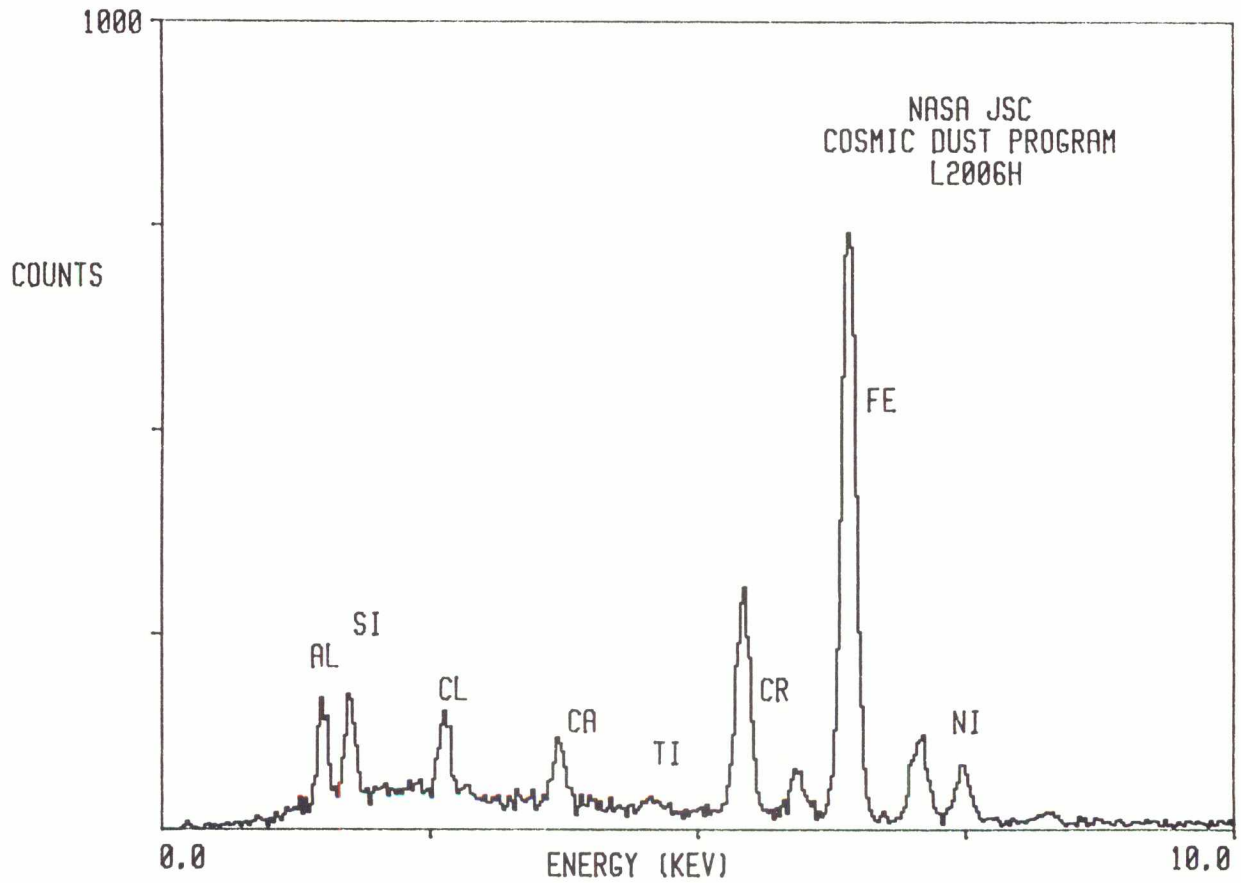


L2006 H 16

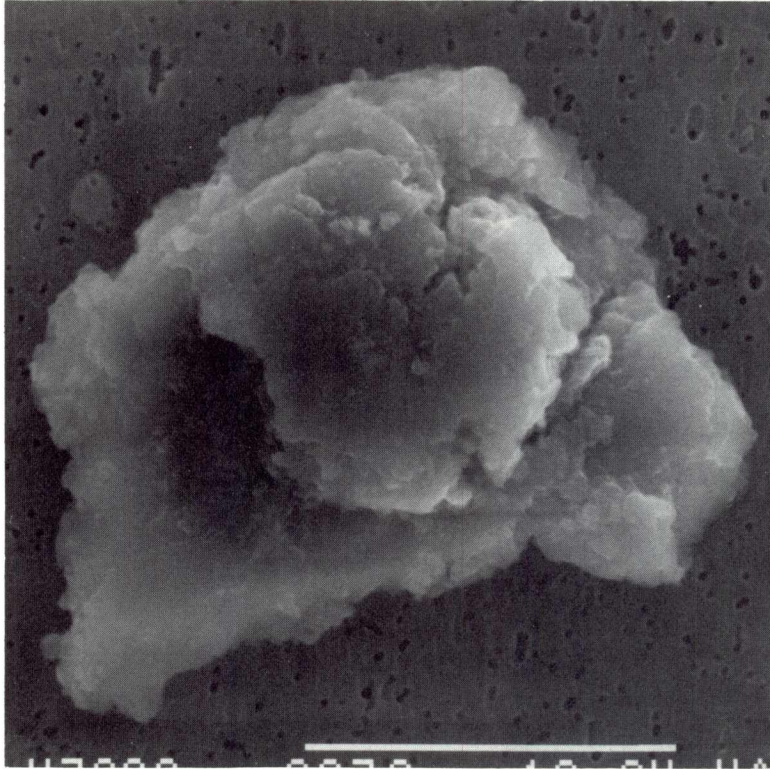


SIZE: 10  
SHAPE: I  
TRANS.: O  
COLOR: Black to Brown  
LUSTER: SM  
TYPE: TCA?  
COMMENTS:

S-91-32128

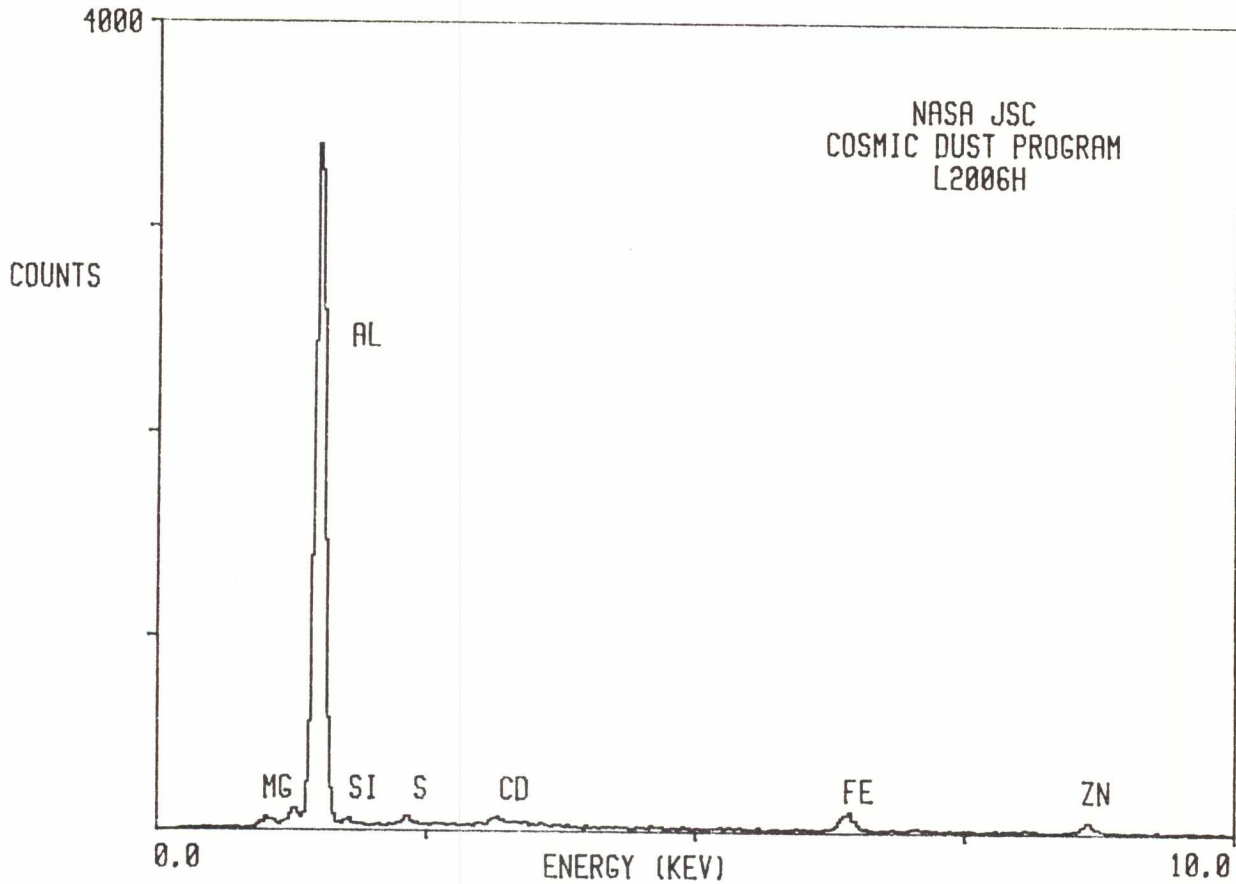


L2006 H 18

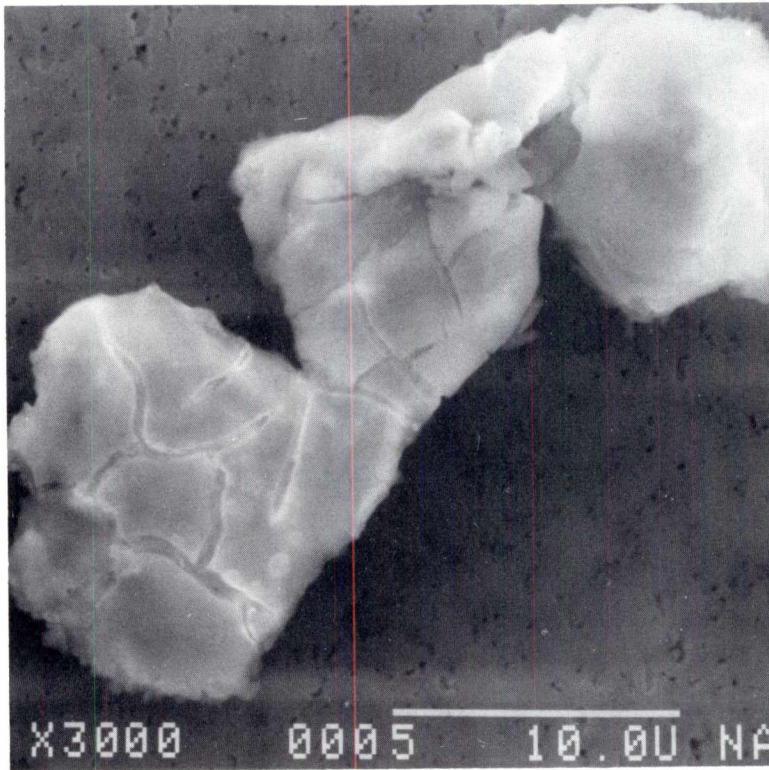


SIZE: 20x18  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: TCA  
COMMENTS:

S-91-32126

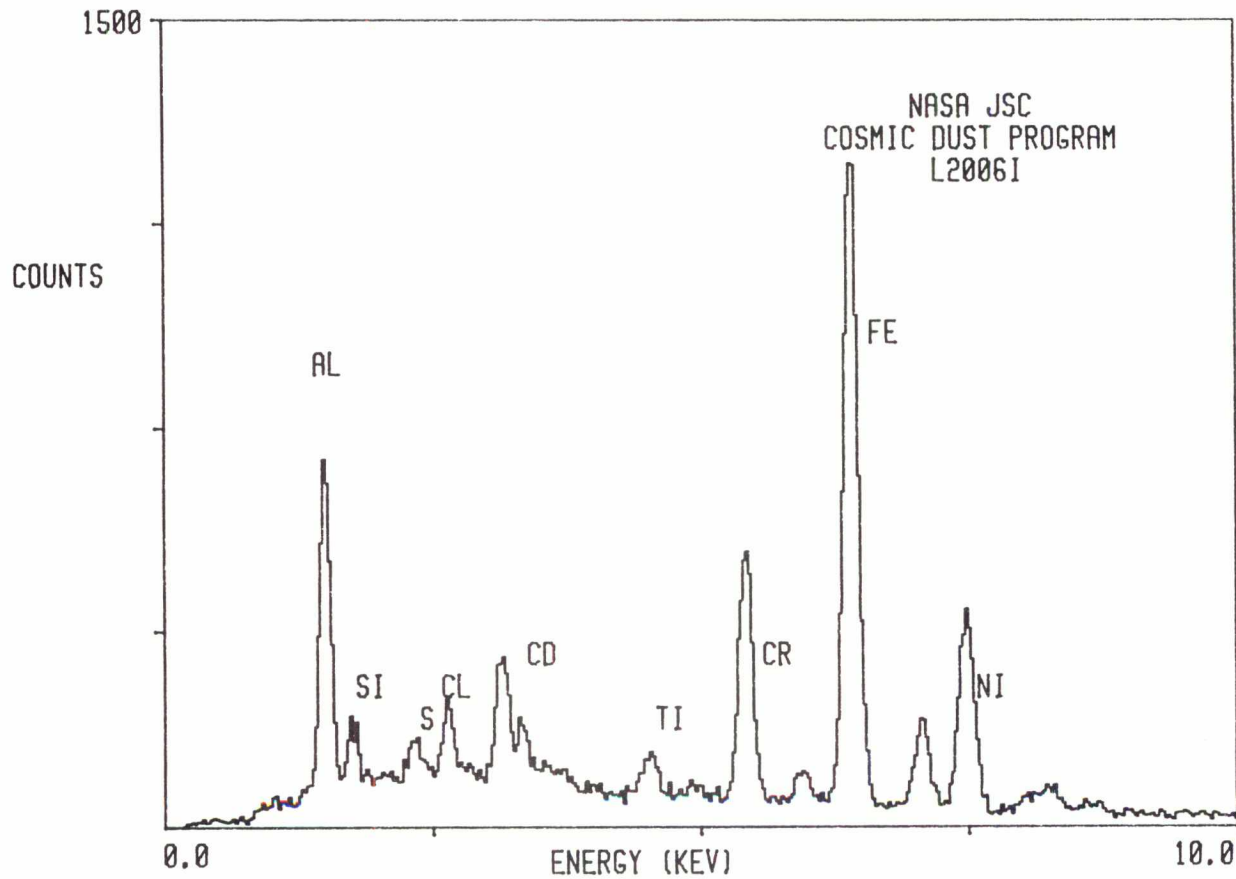


L2006 I 3

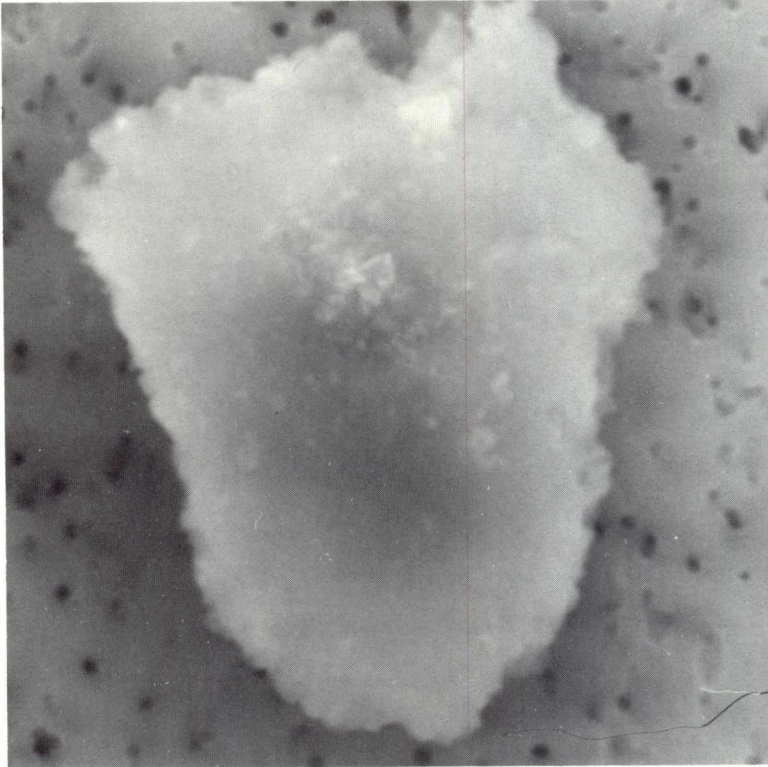


SIZE: 32x13  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM  
TYPE: TCA  
COMMENTS:

S-91-32309

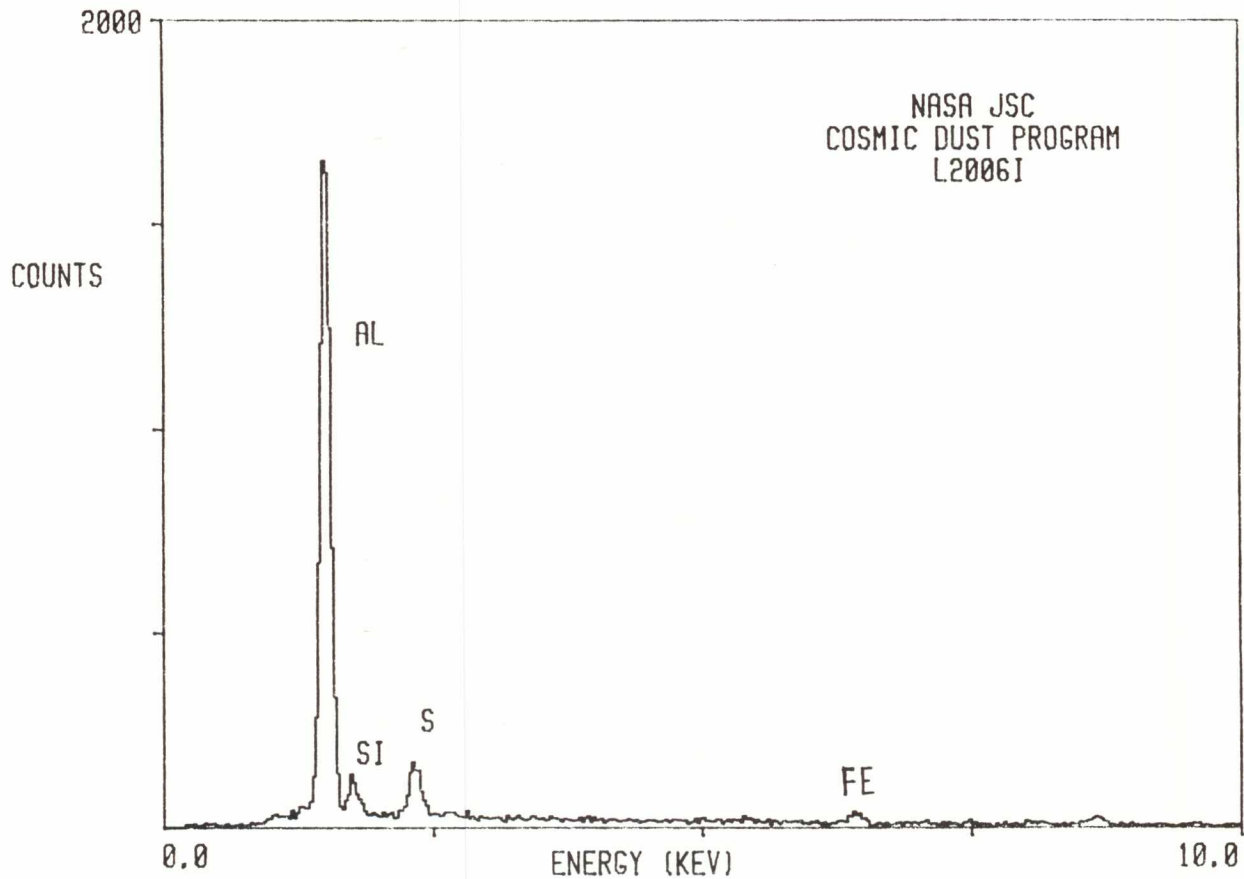


L2006 I 7

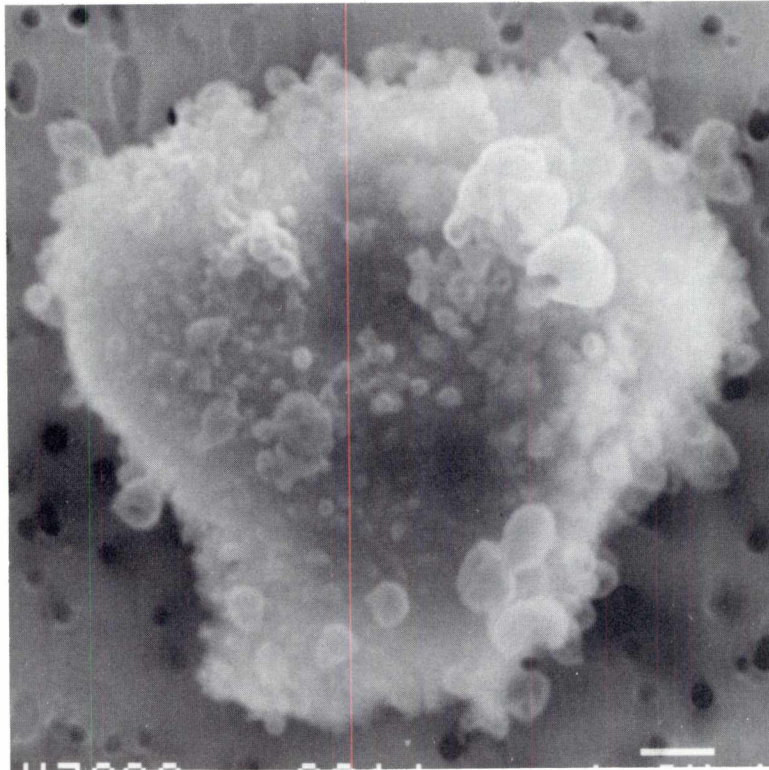


SIZE: 13x10  
SHAPE: E  
TRANS.: TL/O  
COLOR: Brown  
LUSTER: SV  
TYPE: TCA  
COMMENTS:

S-91-32313

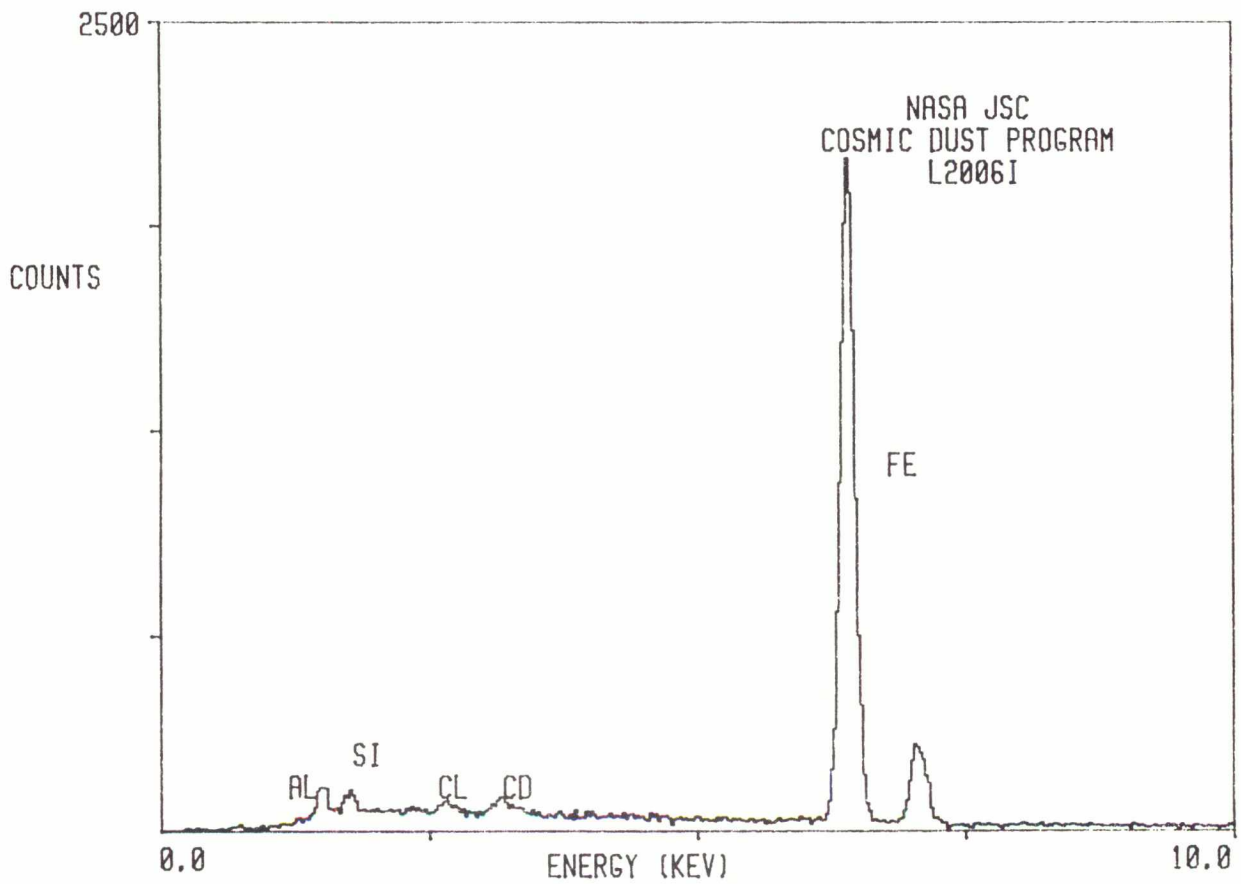


L2006 I 8

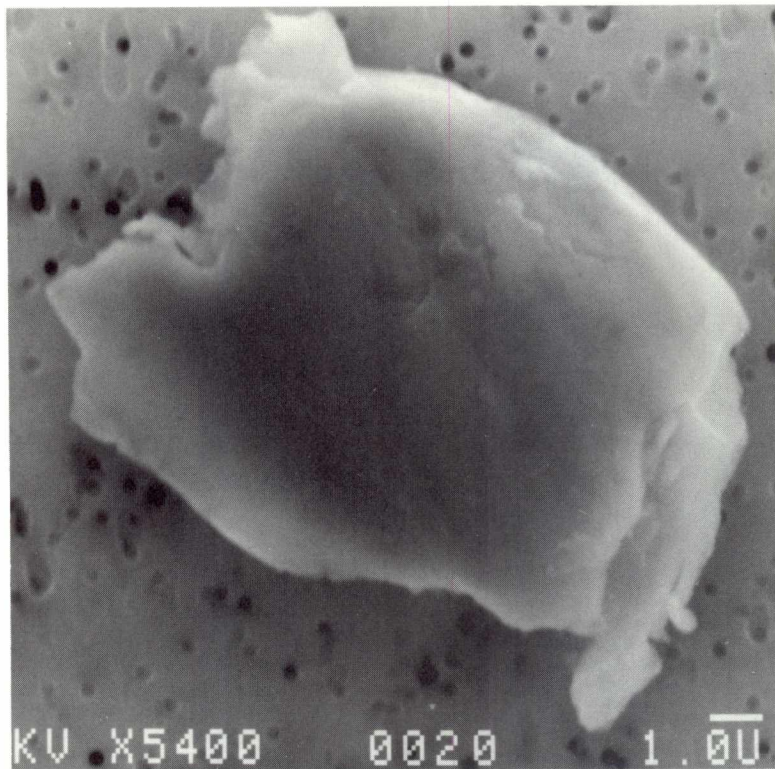


SIZE: 10  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SV/SM  
TYPE: TCA  
COMMENTS:

S-91-32314

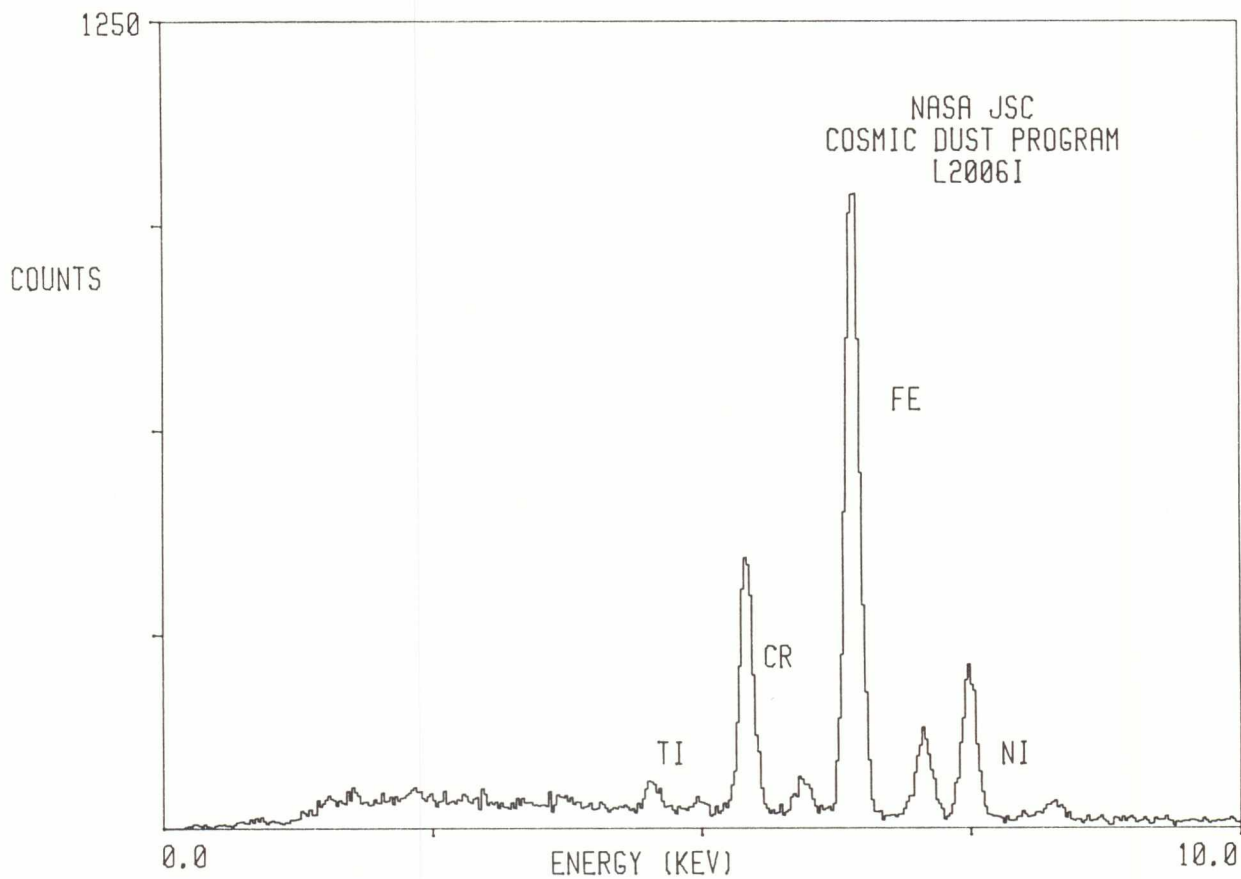


L2006 I 15

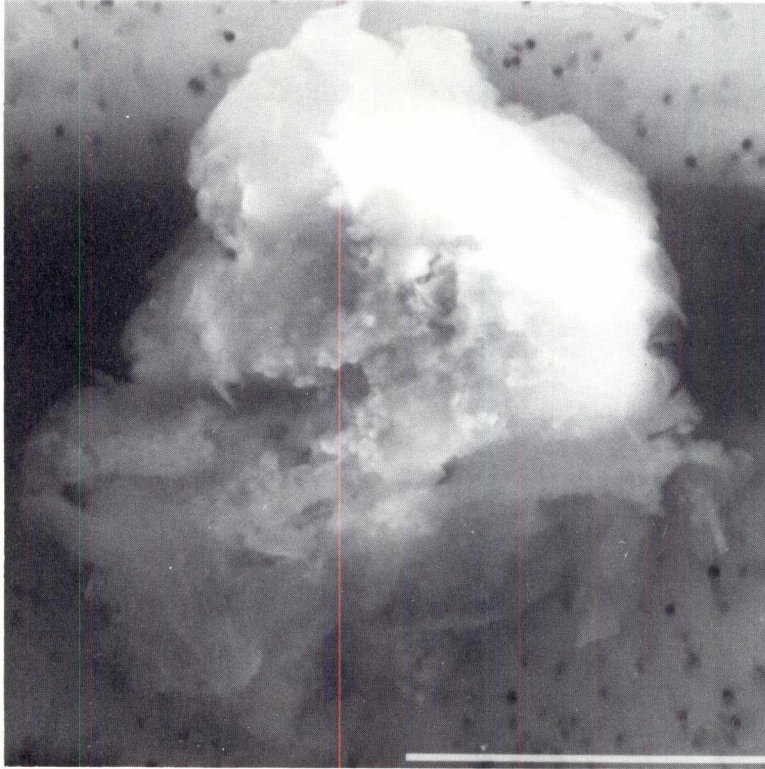


SIZE: 13  
SHAPE: I  
TRANS.: O  
COLOR: Grey  
LUSTER: M/SM  
TYPE: TCA  
COMMENTS:

S-91-32321

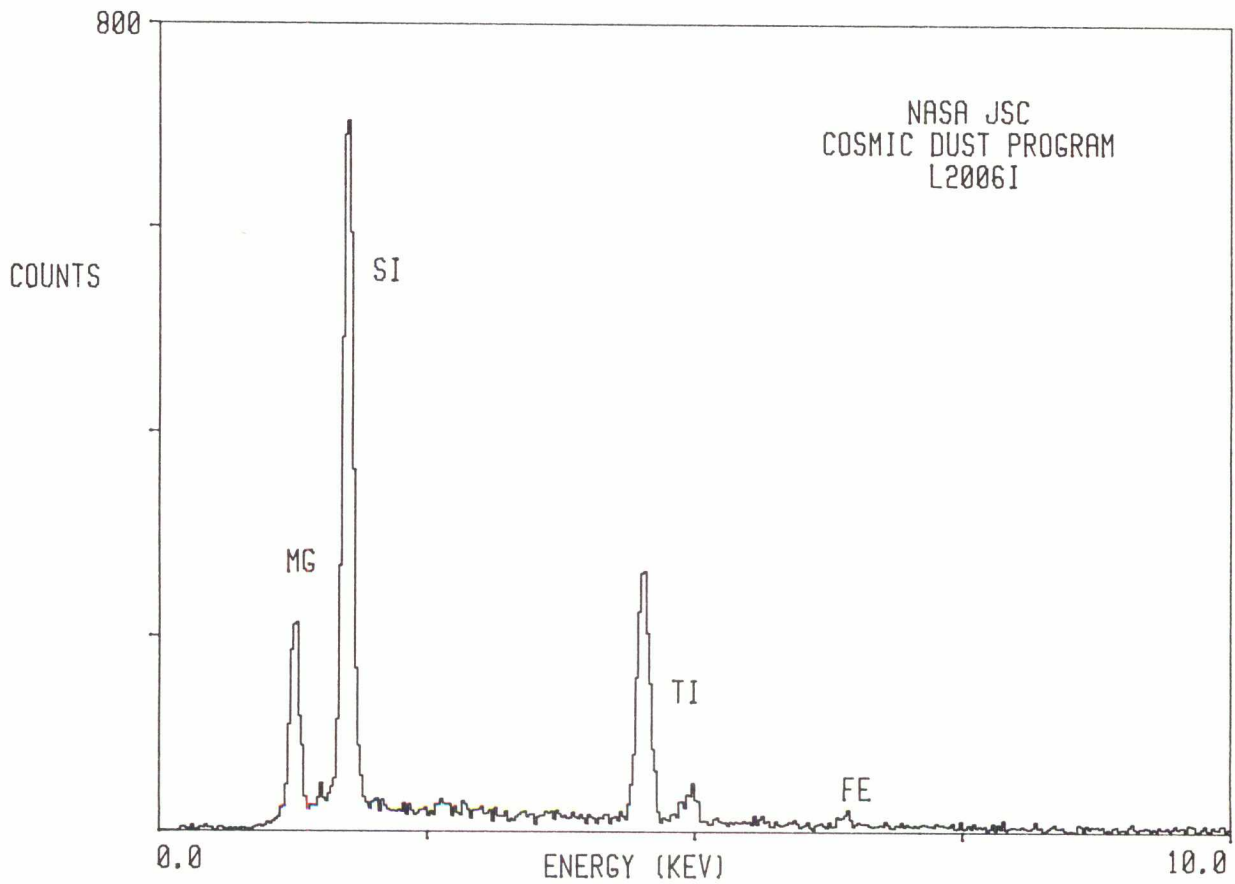


L2006 I 16

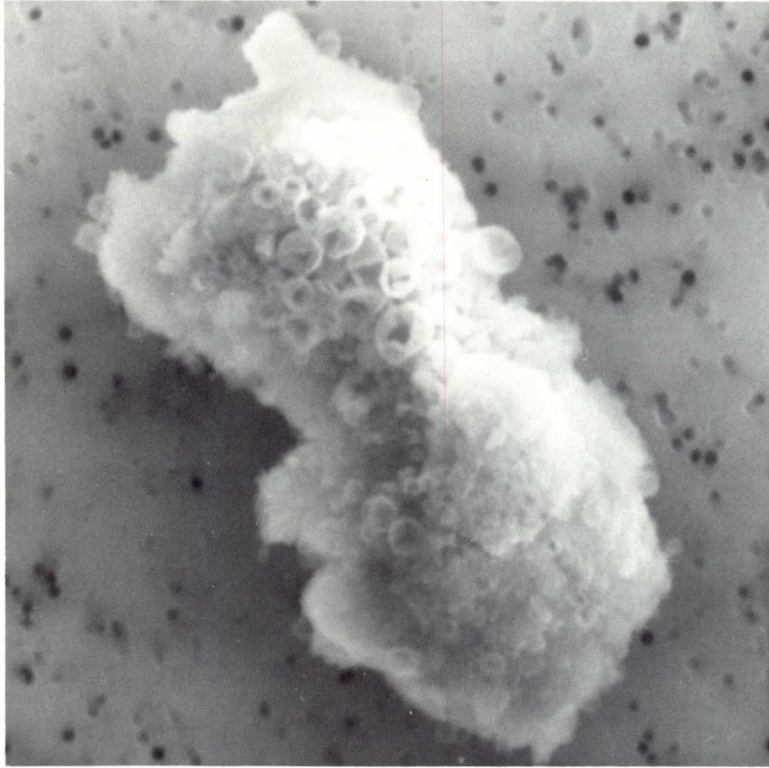


SIZE: 20  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SV/D  
TYPE: TCA?  
COMMENTS:

S-91-32322

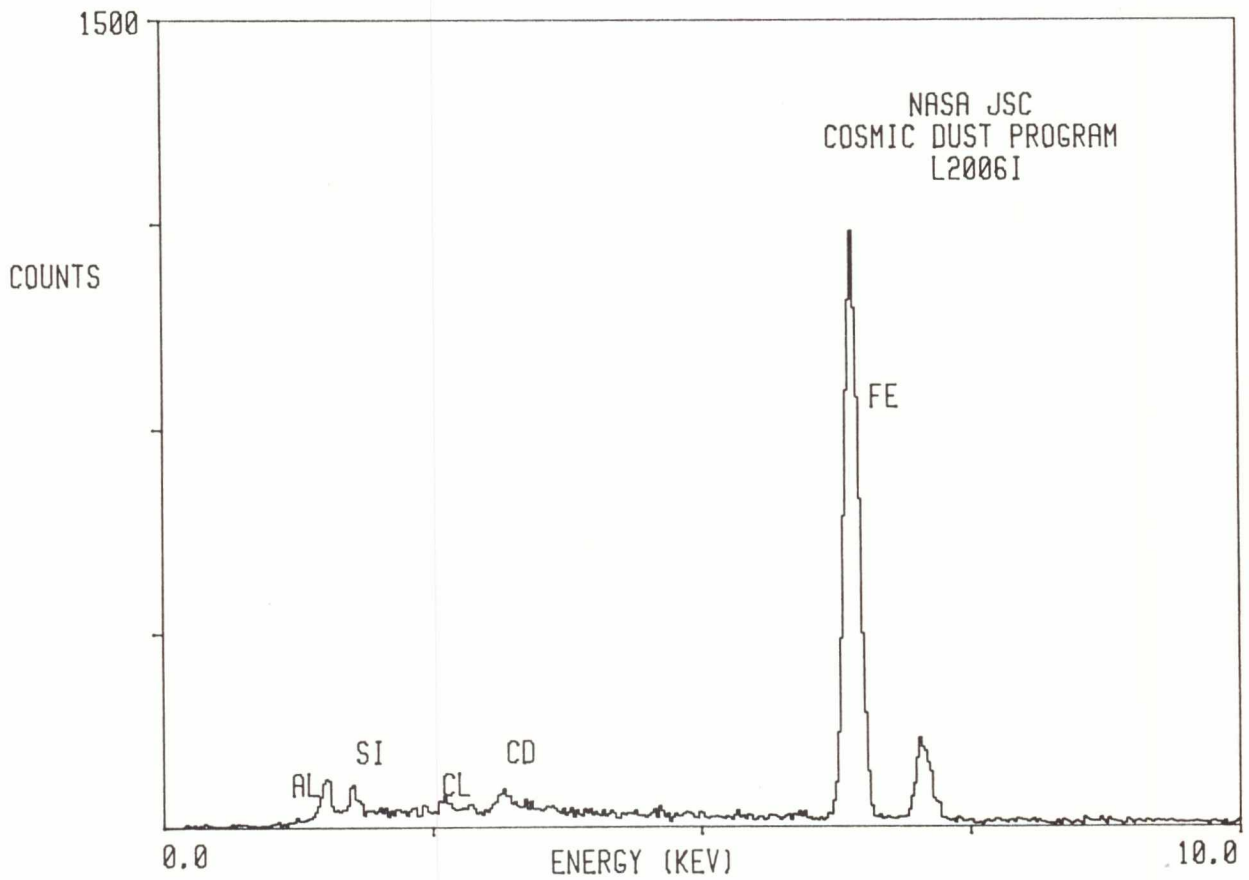


L2006 I 17



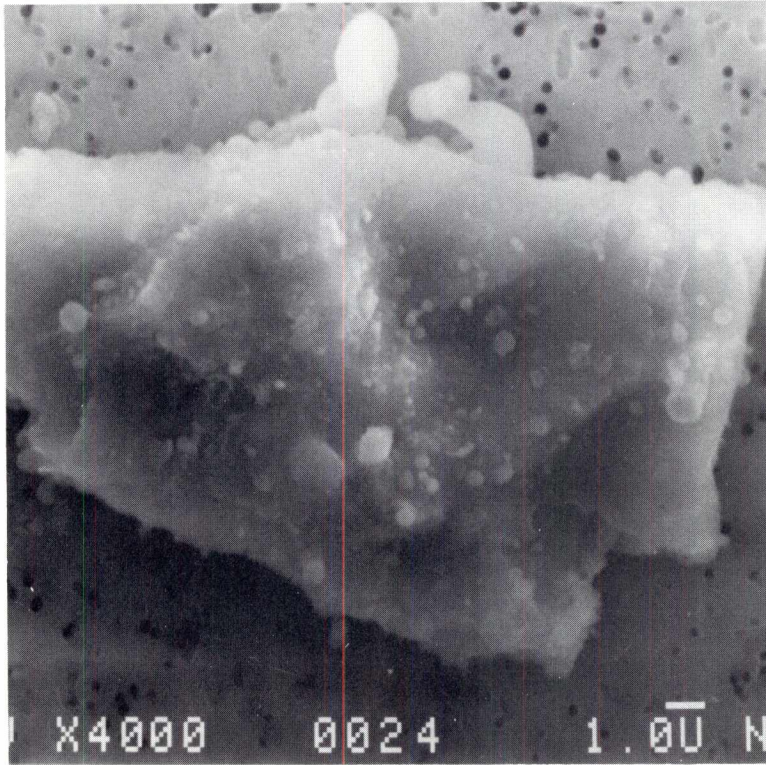
SIZE: 15x8  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM  
TYPE: TCA  
COMMENTS:

S-91-32323



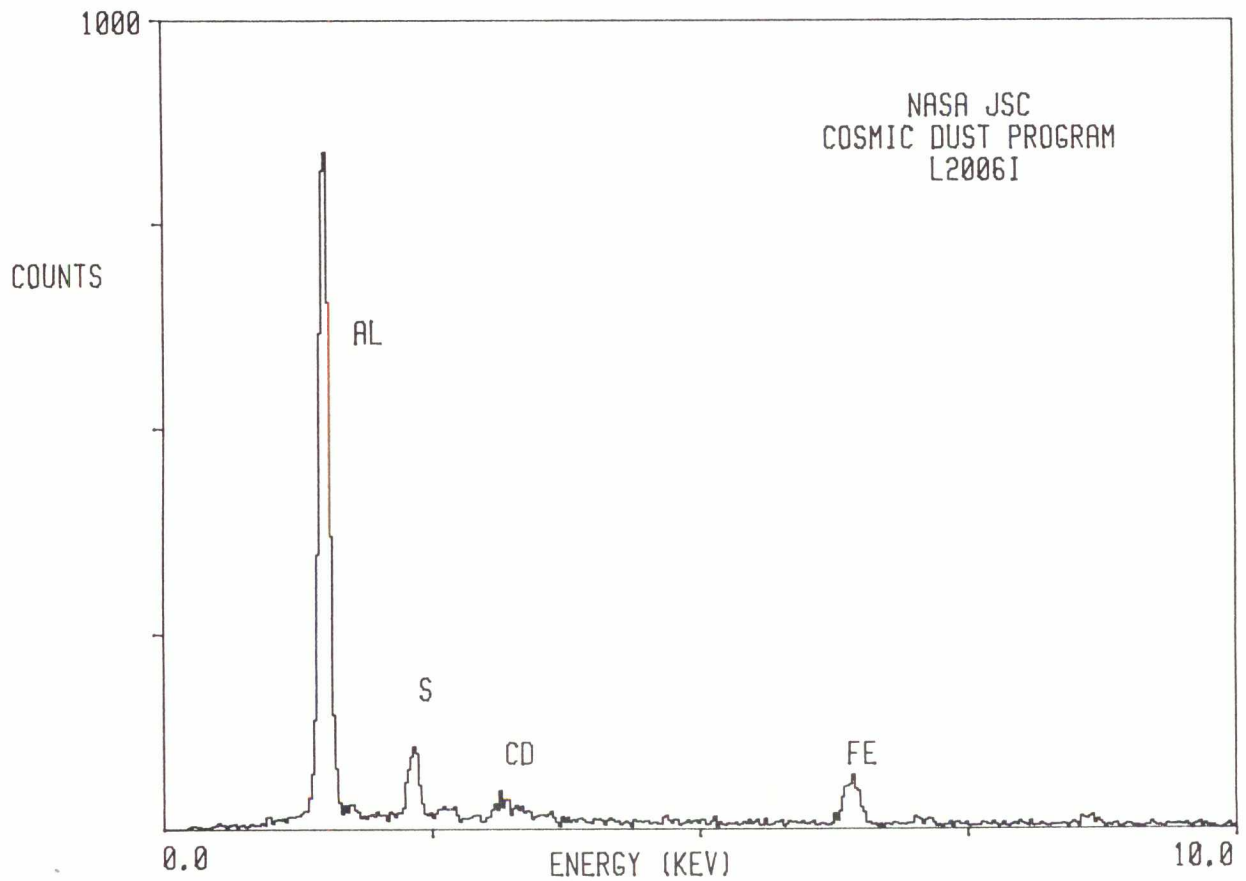


L2006 I 18

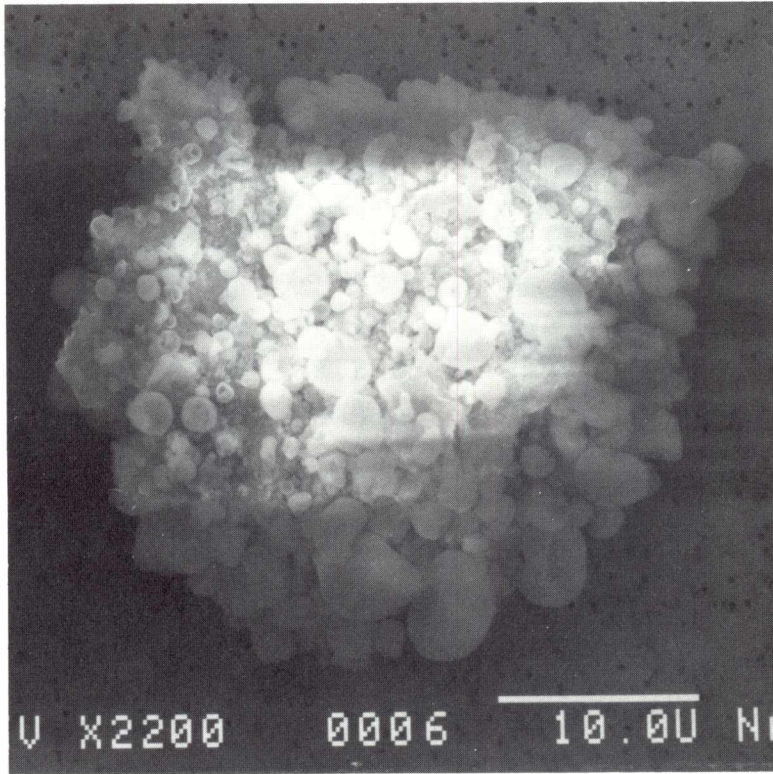


SIZE: 18x13  
SHAPE: I  
TRANS.: O  
COLOR: Black to Brown  
LUSTER: SM/SV  
TYPE: TCA  
COMMENTS:

S-91-32324

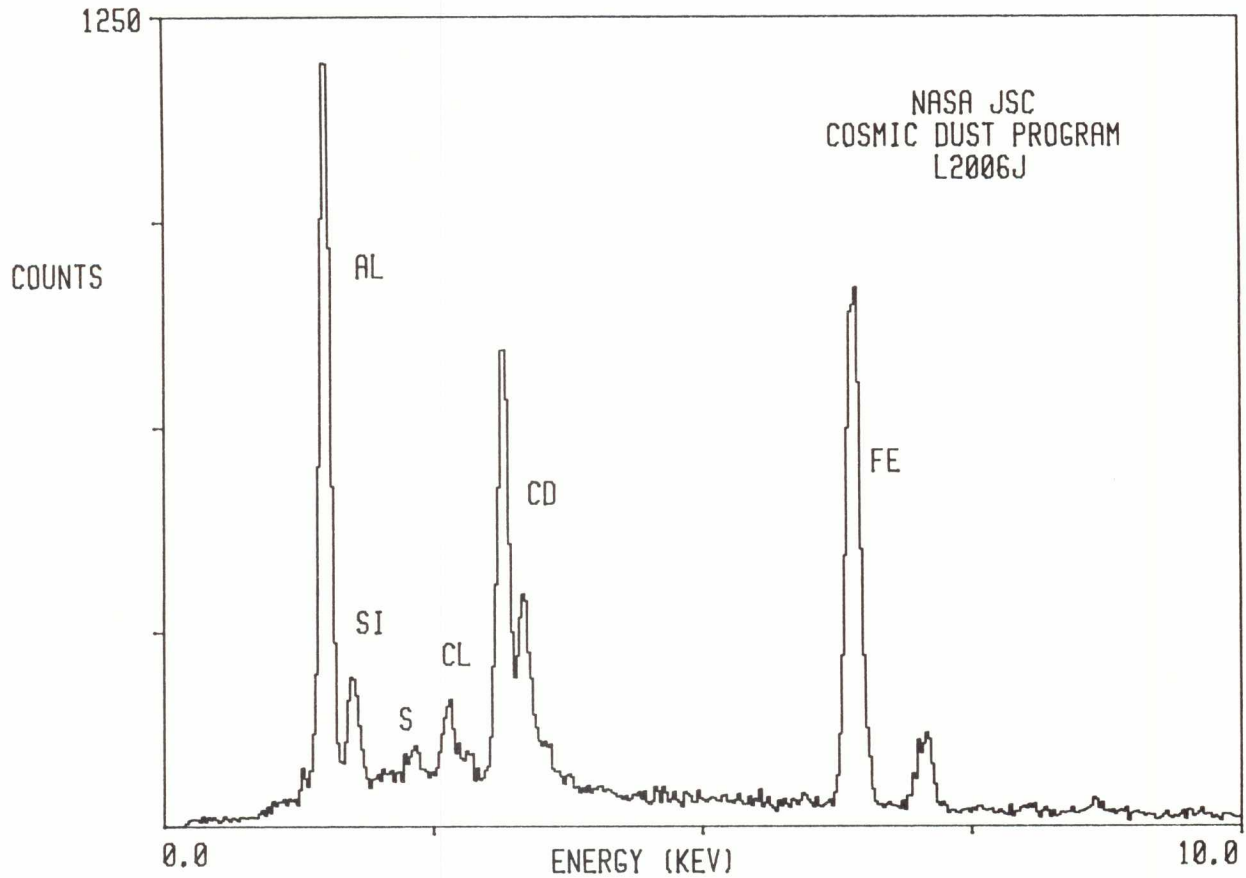


L2006 J 4

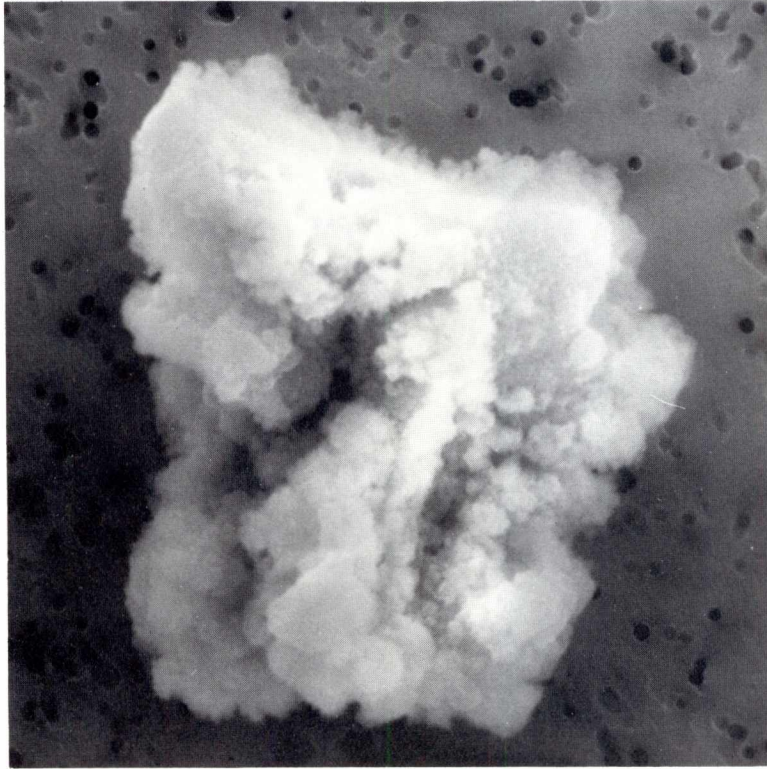


SIZE: 35  
SHAPE: I  
TRANS.: O  
COLOR: Black to Brown  
LUSTER: SM/SV  
TYPE: TCA  
COMMENTS:

S-91-32259

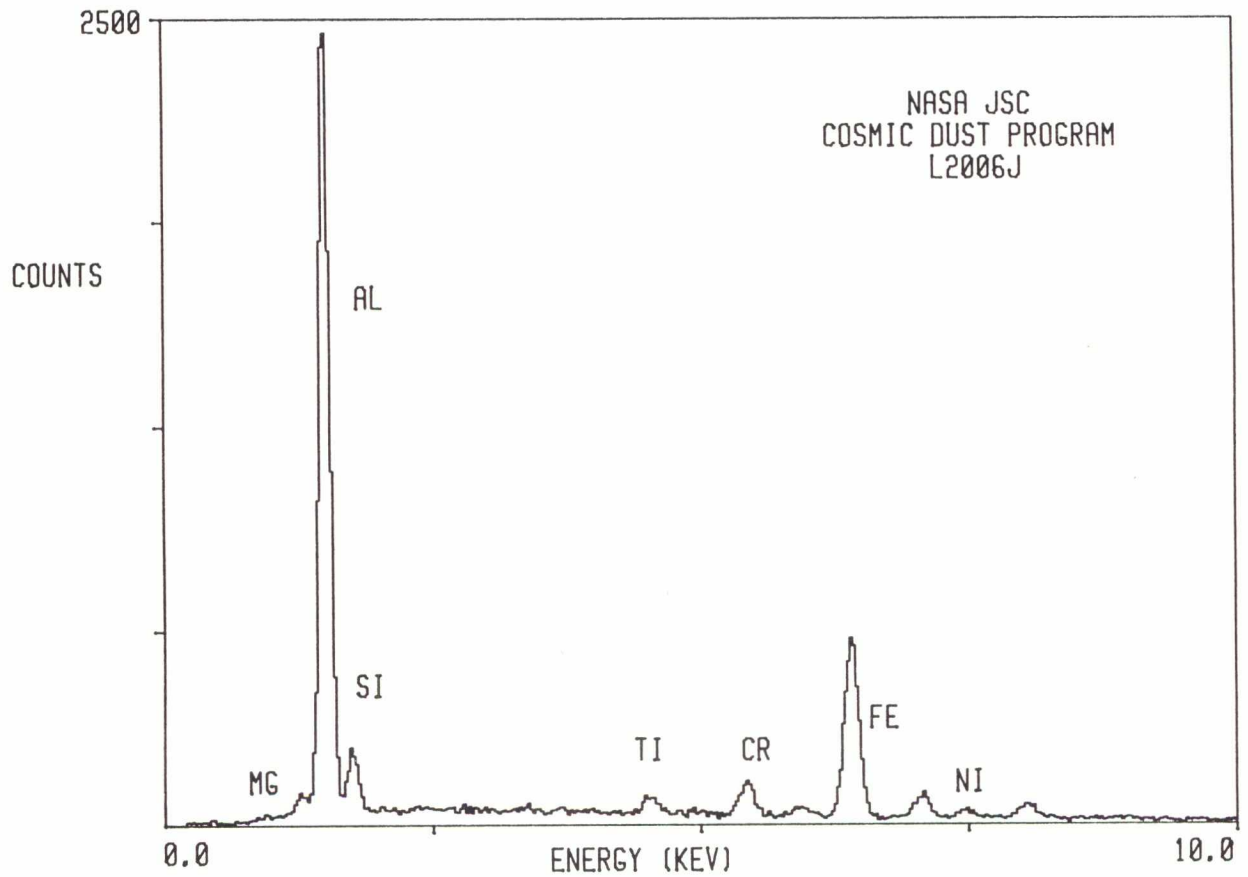


L2006 J 5

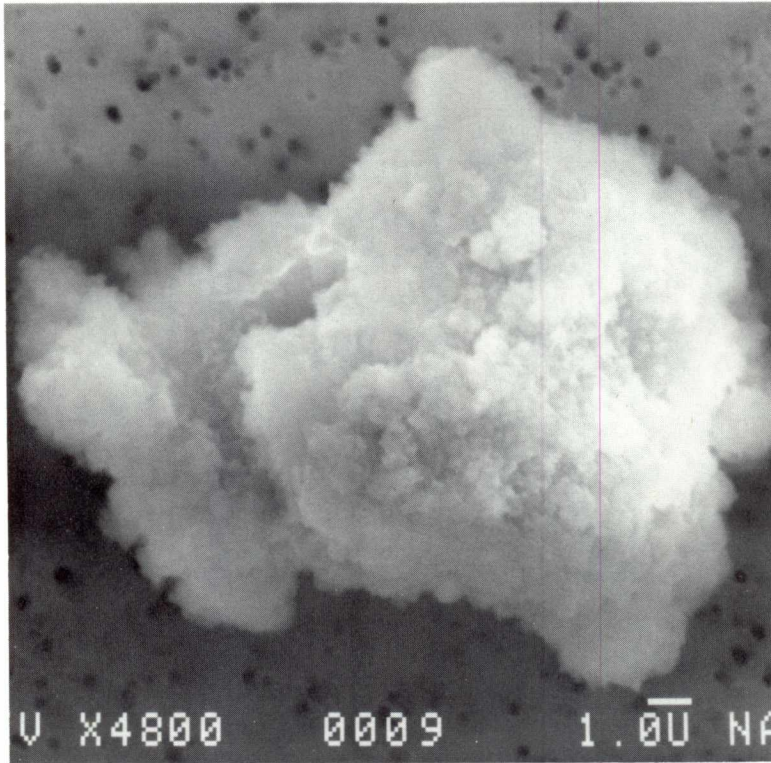


SIZE: 14  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SV/D  
TYPE: TCA  
COMMENTS:

S-91-32260

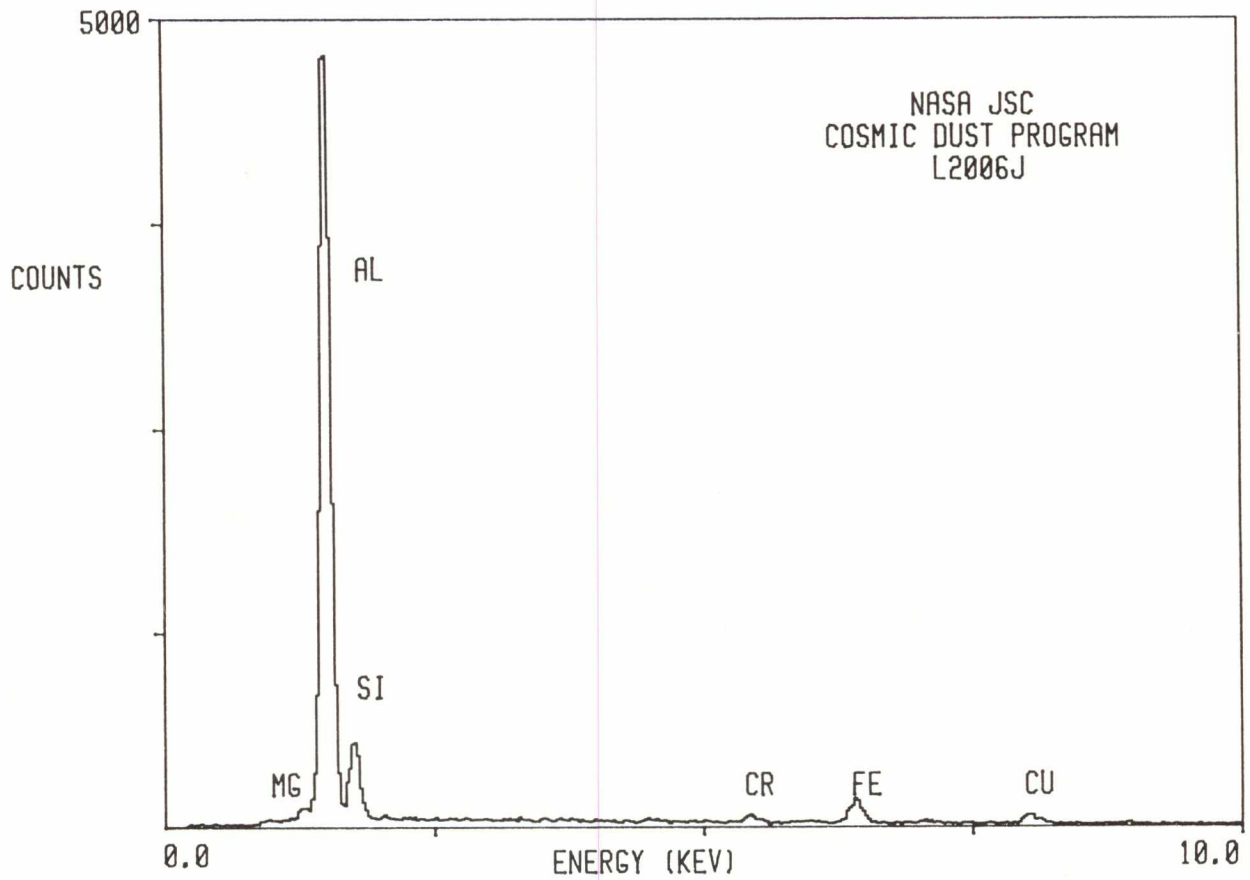


L2006 J 6

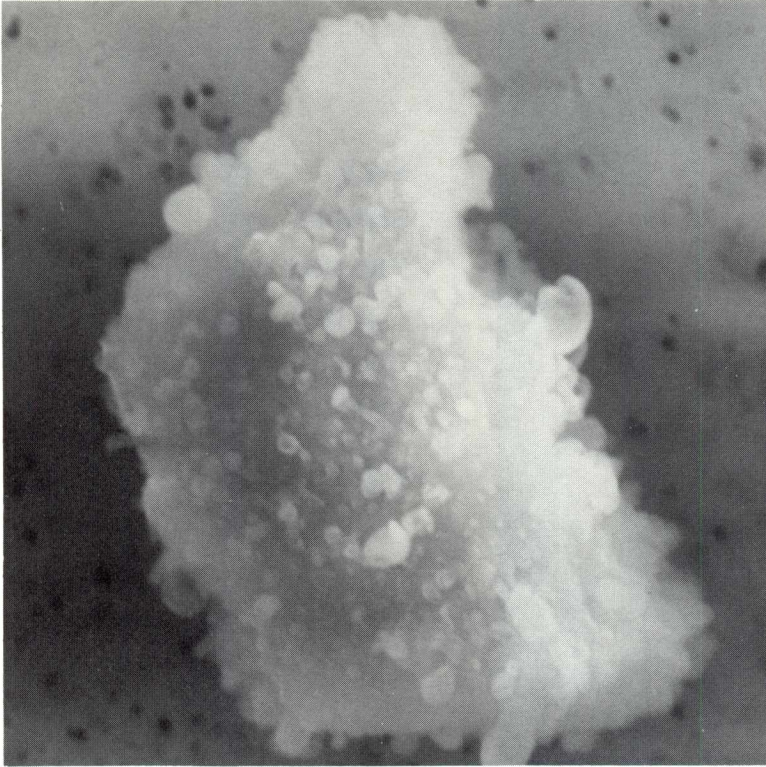


SIZE: 16  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: TCA  
COMMENTS:

S-91-32261

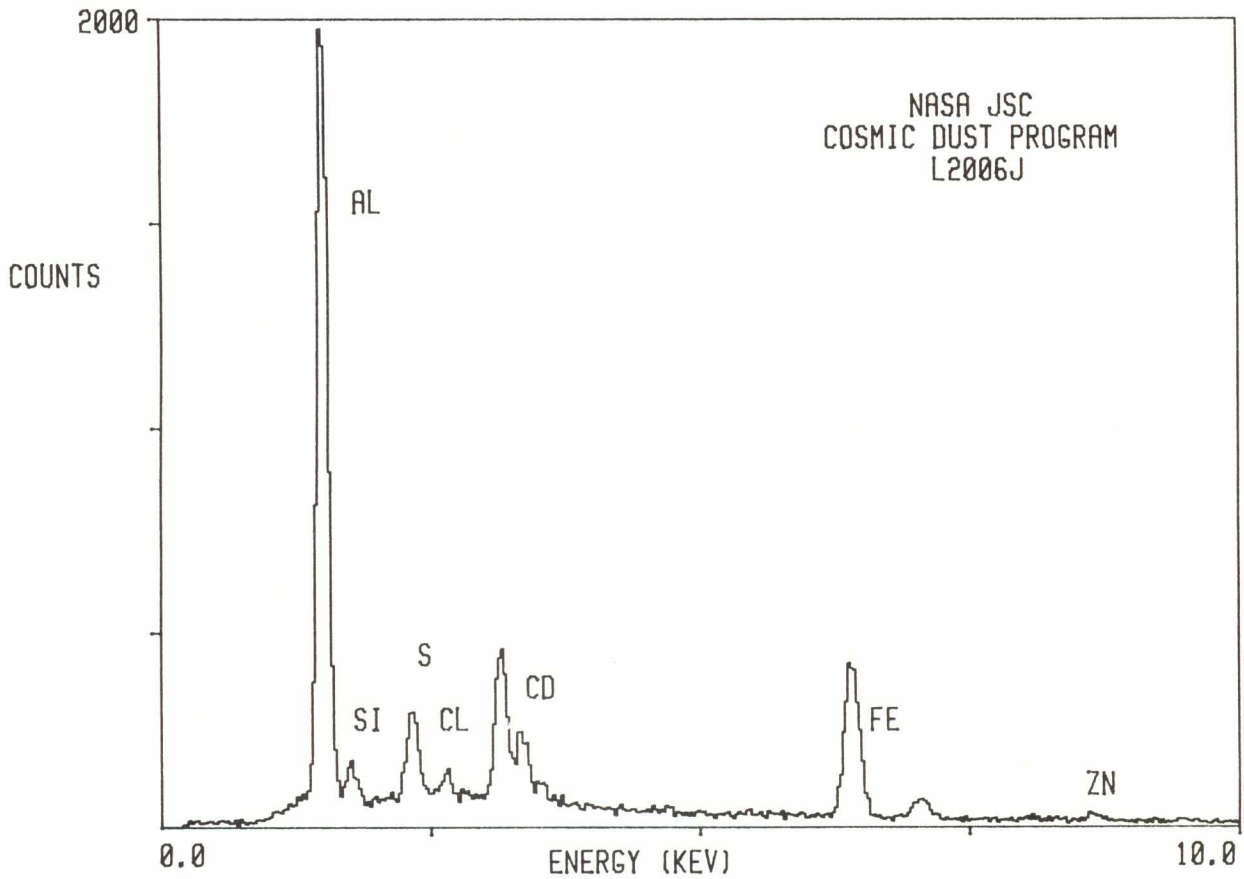


L2006 J 8

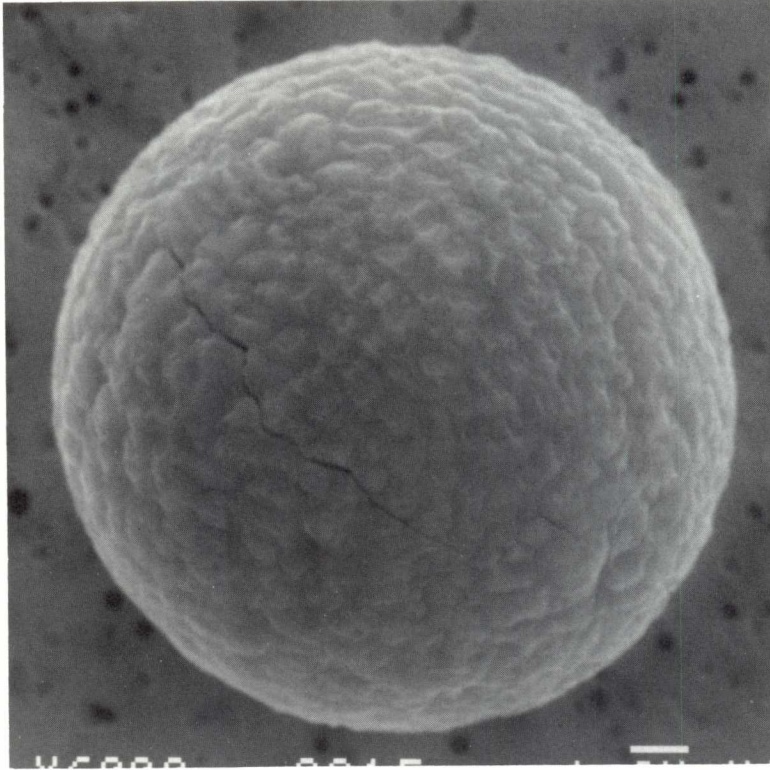


SIZE: 15x10  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV/D  
TYPE: TCA  
COMMENTS:

S-91-32263

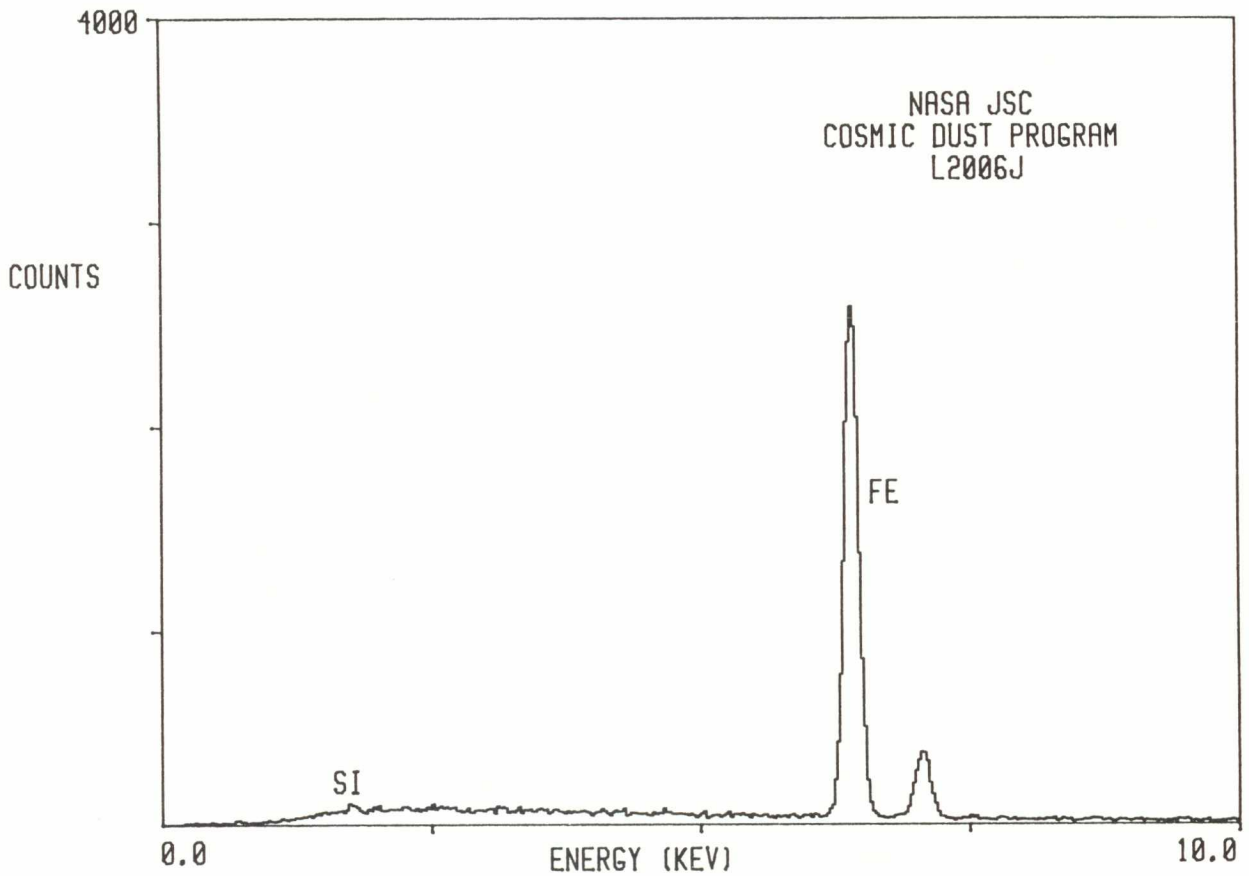


L2006 J 12

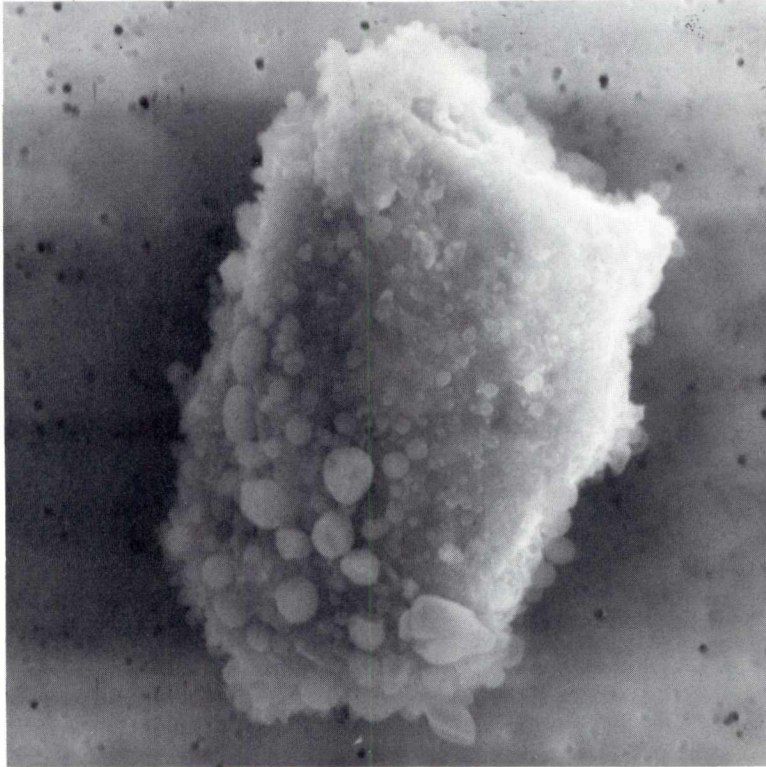


SIZE: 11  
SHAPE: S  
TRANS.: O  
COLOR: Black  
LUSTER: SM/M  
TYPE: TCA?  
COMMENTS:

S-91-32267

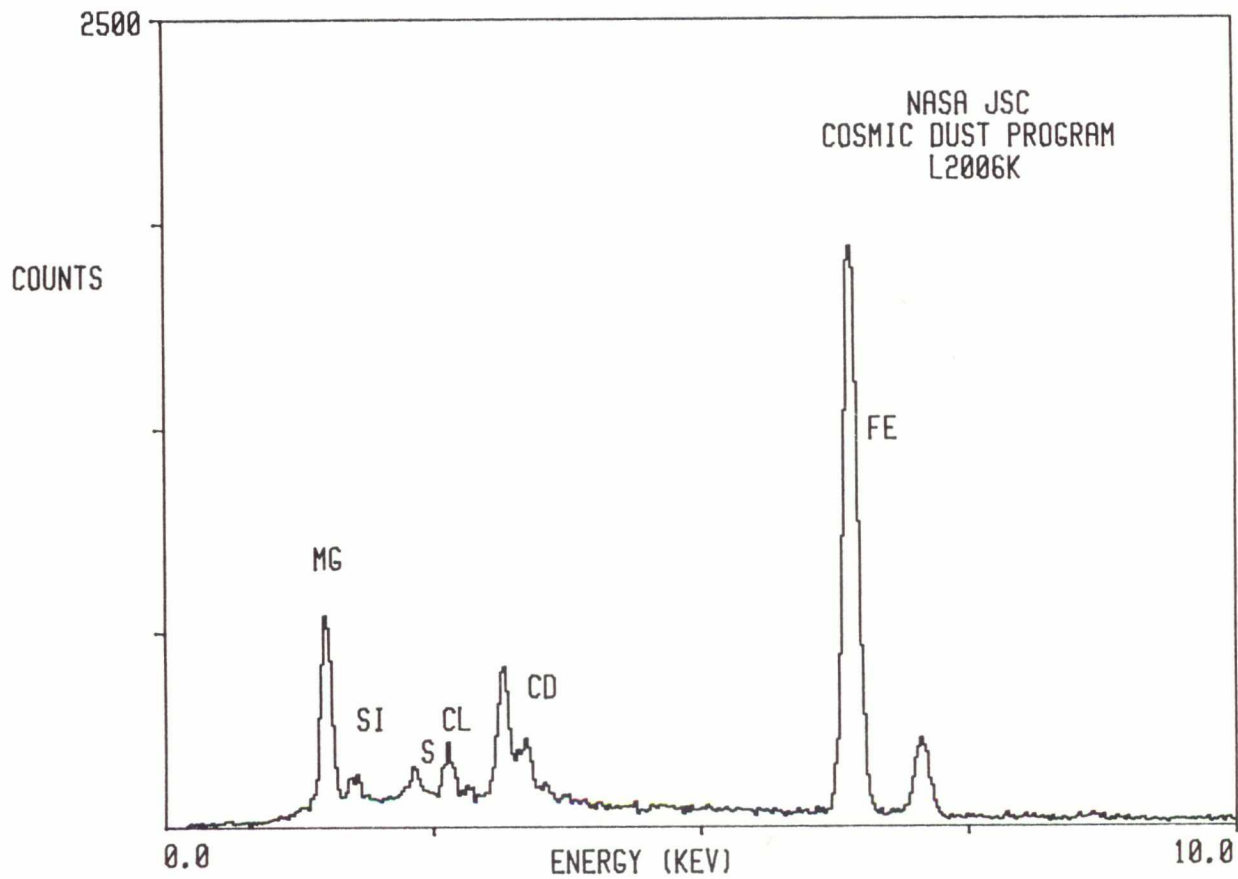


L2006 K 2

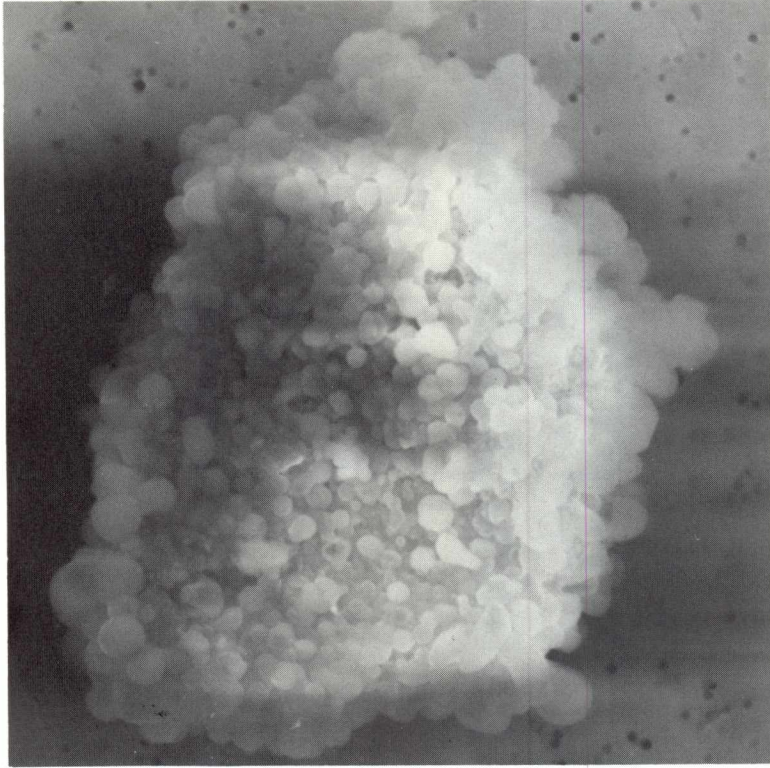


SIZE: 23x15  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM/SV  
TYPE: TCA  
COMMENTS:

S-91-32211

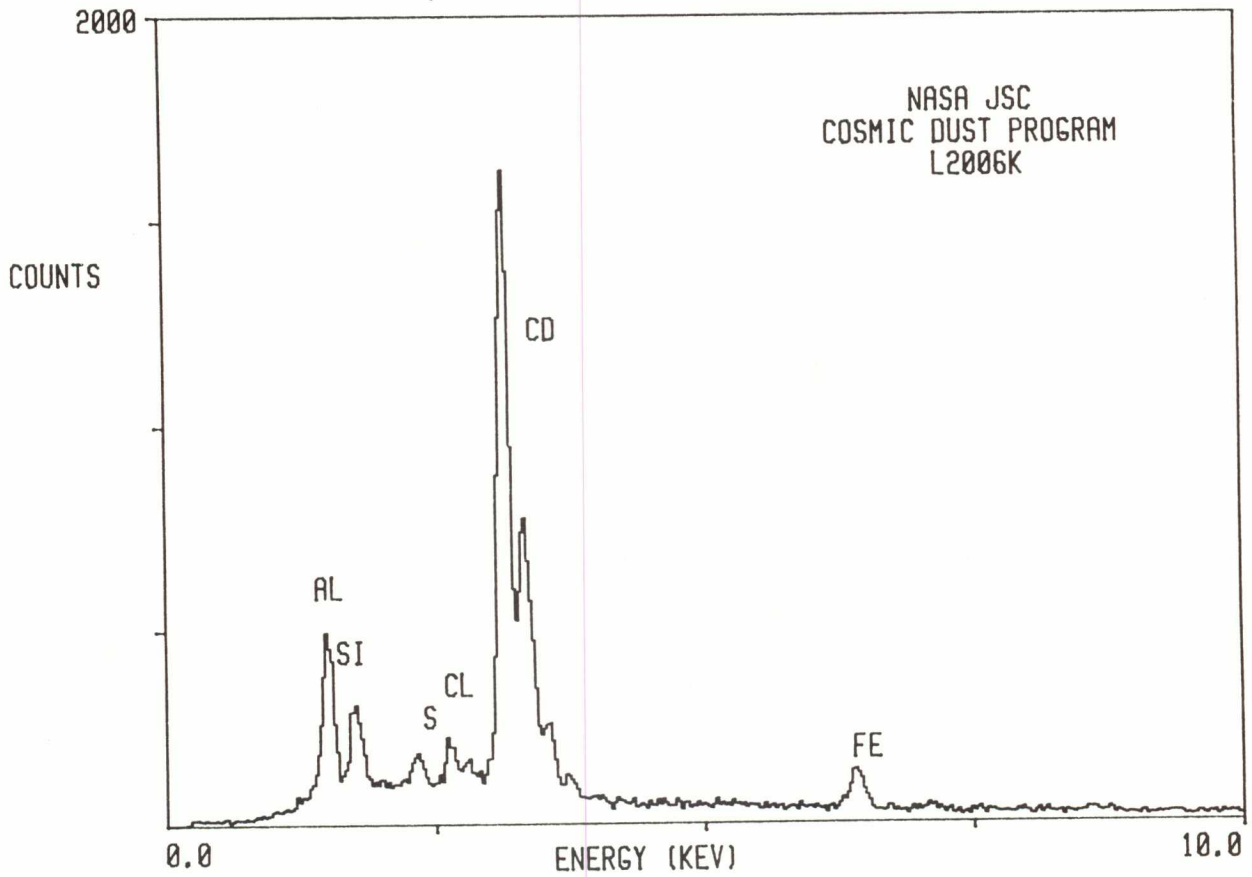


L2006 K 4



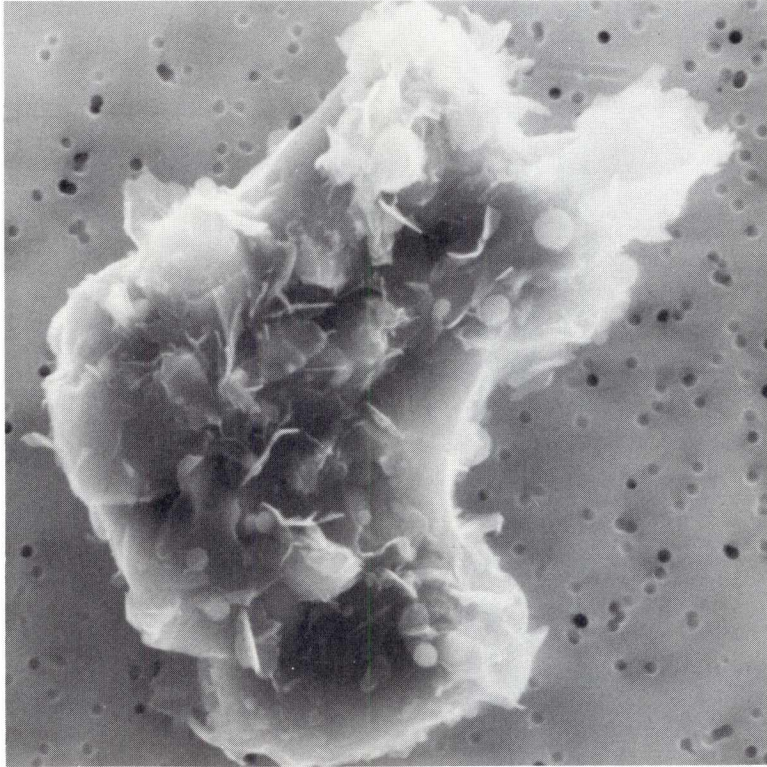
SIZE: 24x18  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SM/SV  
TYPE: TCA  
COMMENTS:

S-91-32213



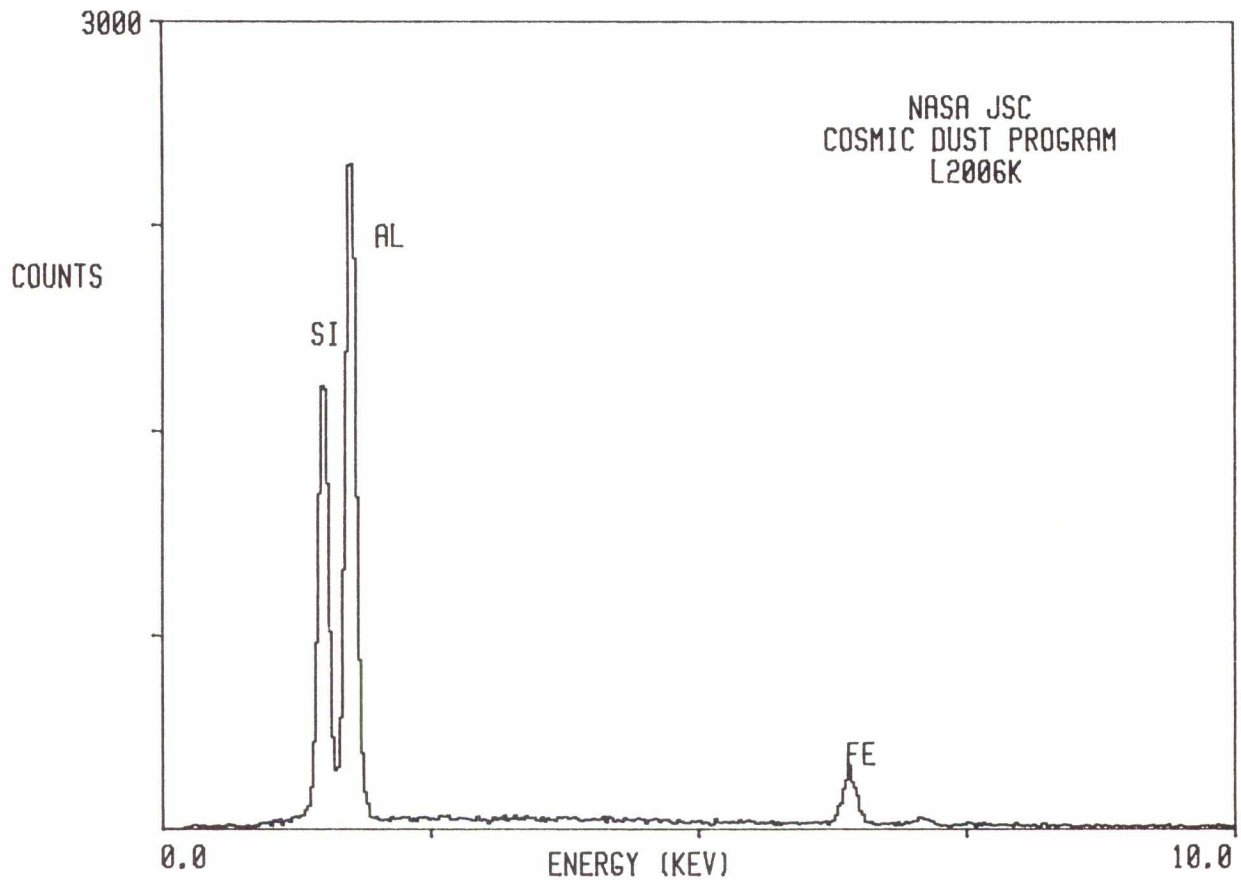


L2006 K 11

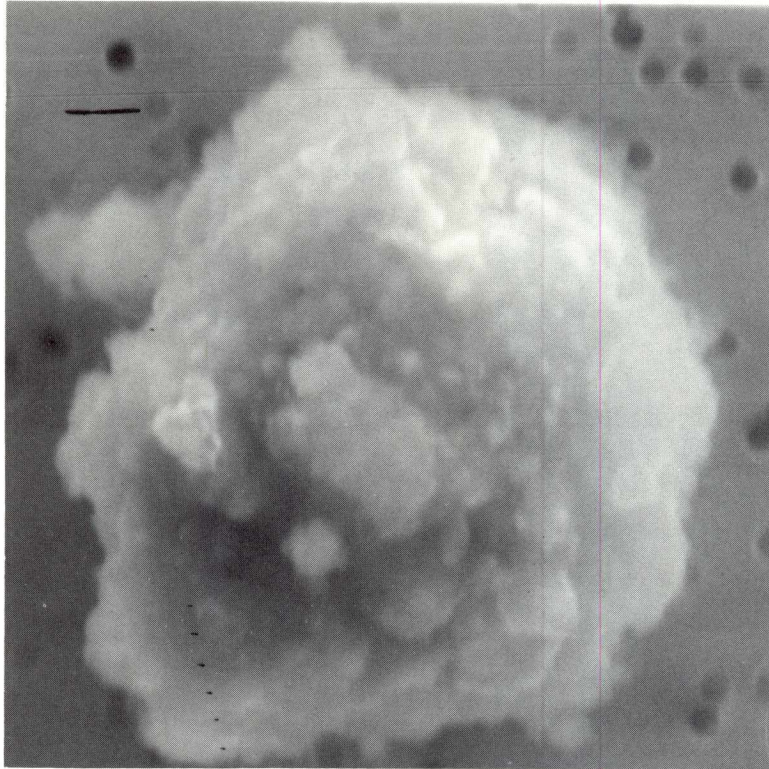


SIZE: 15x8  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D  
TYPE: TCA?  
COMMENTS:

S-91-32220

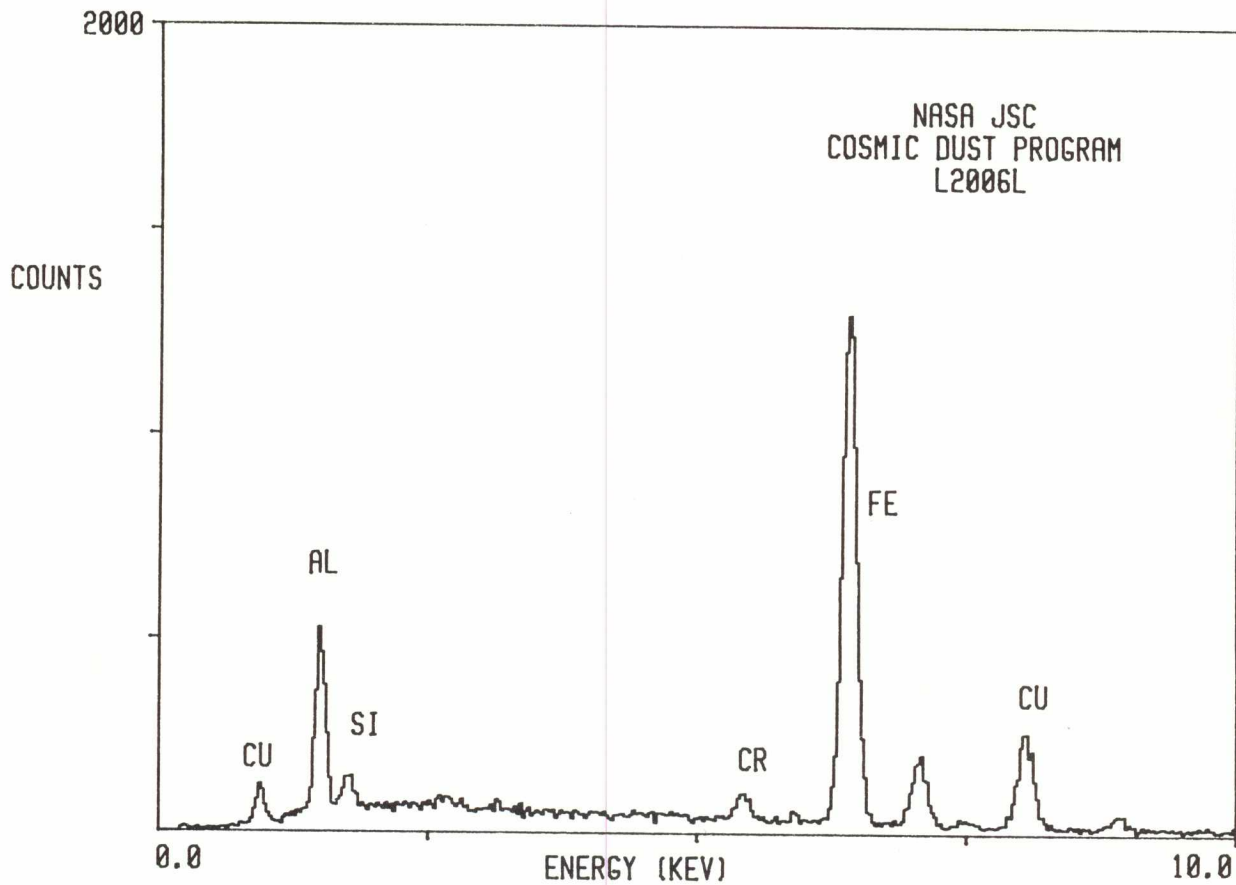


L2006 L 6

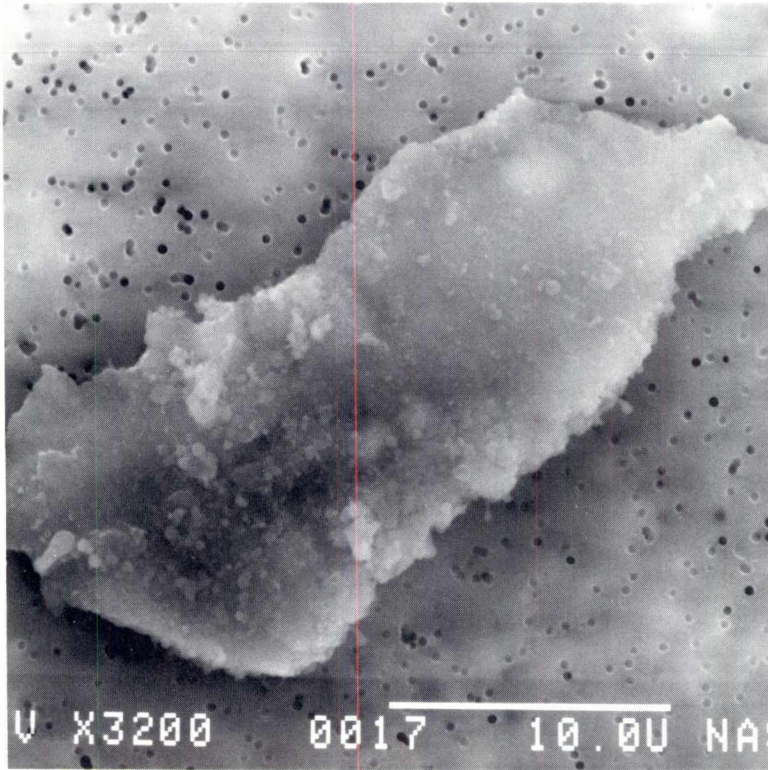


SIZE: 8  
SHAPE: S/E  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV/SM  
TYPE: TCA  
COMMENTS:

S-91-32243

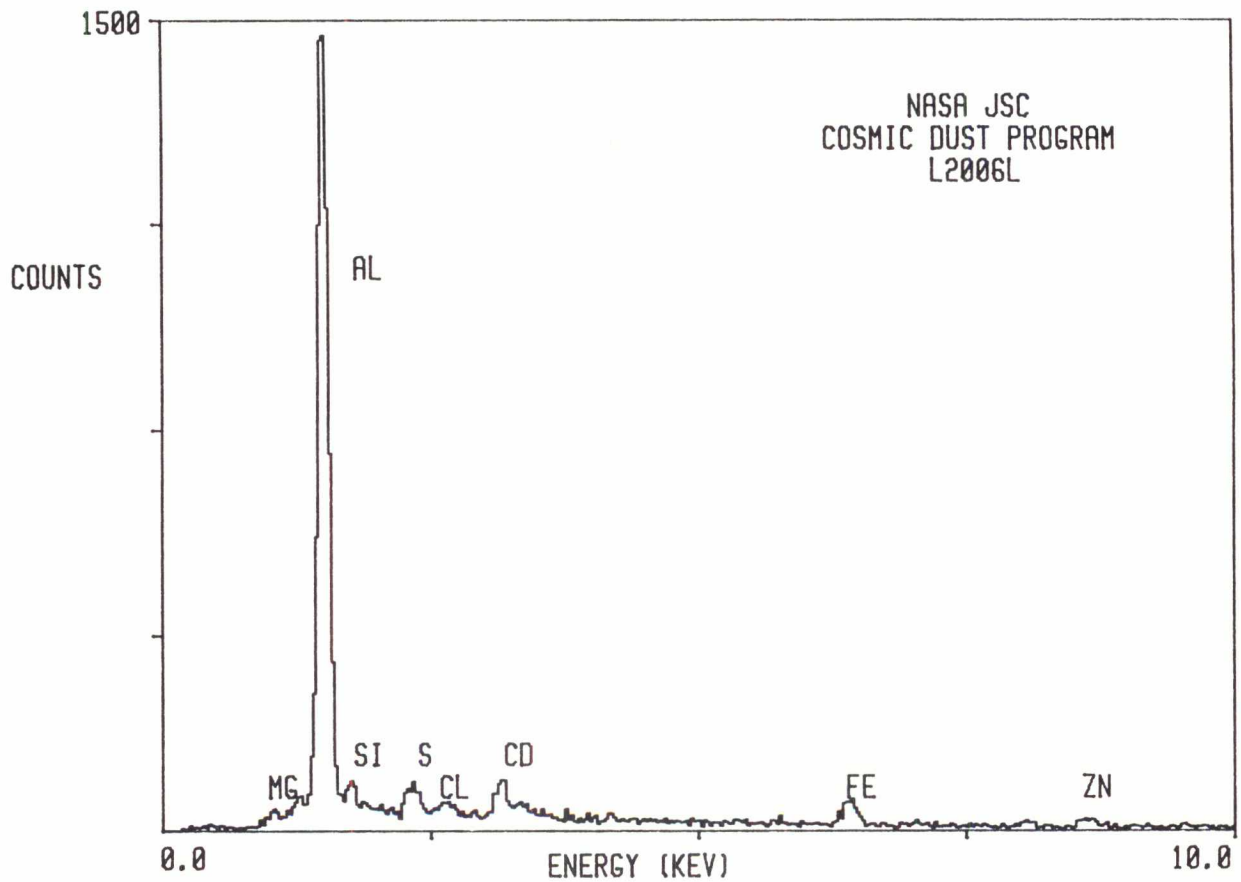


L2006 L 13

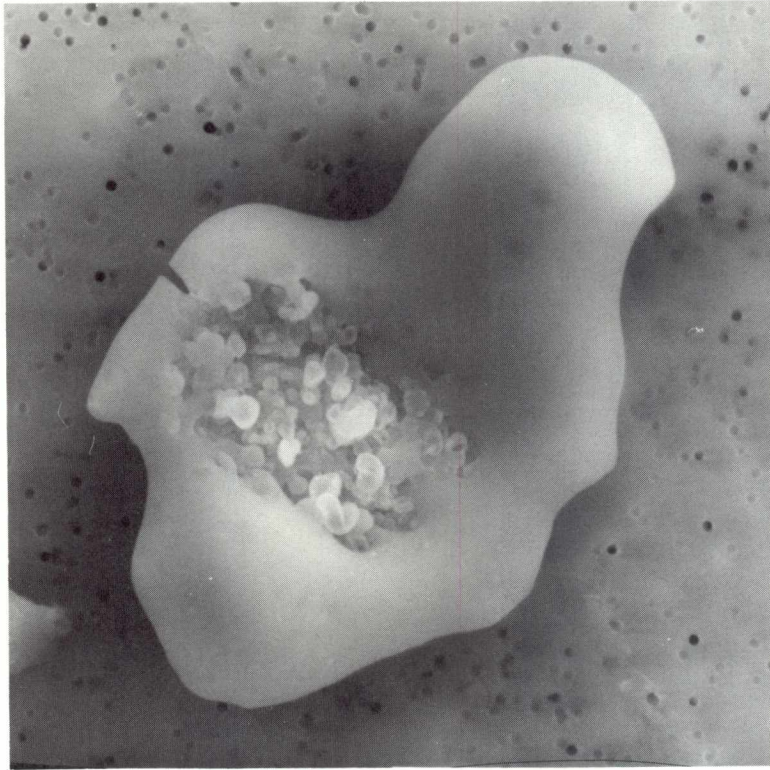


SIZE: 35x15  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SM  
TYPE: TCA  
COMMENTS:

S-91-32250

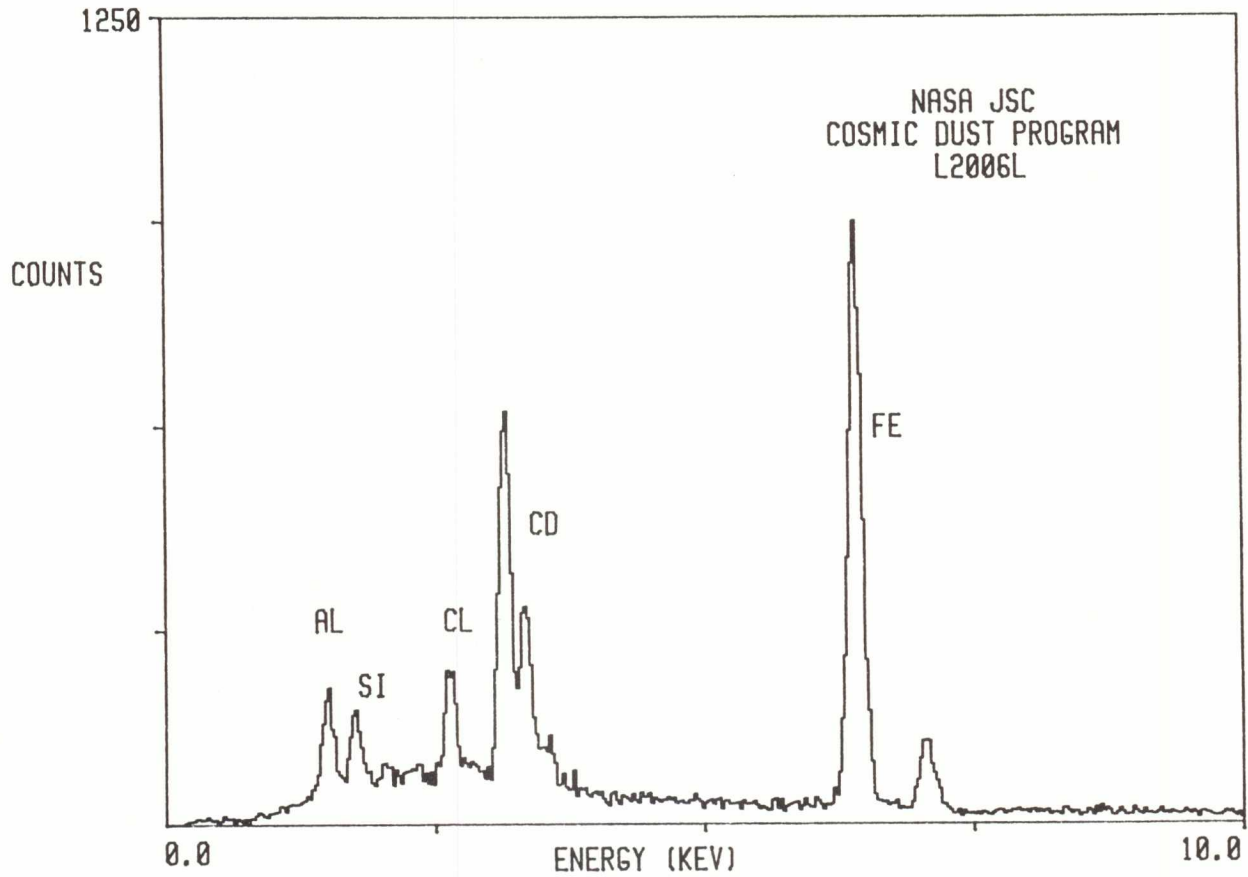


L2006 L 14

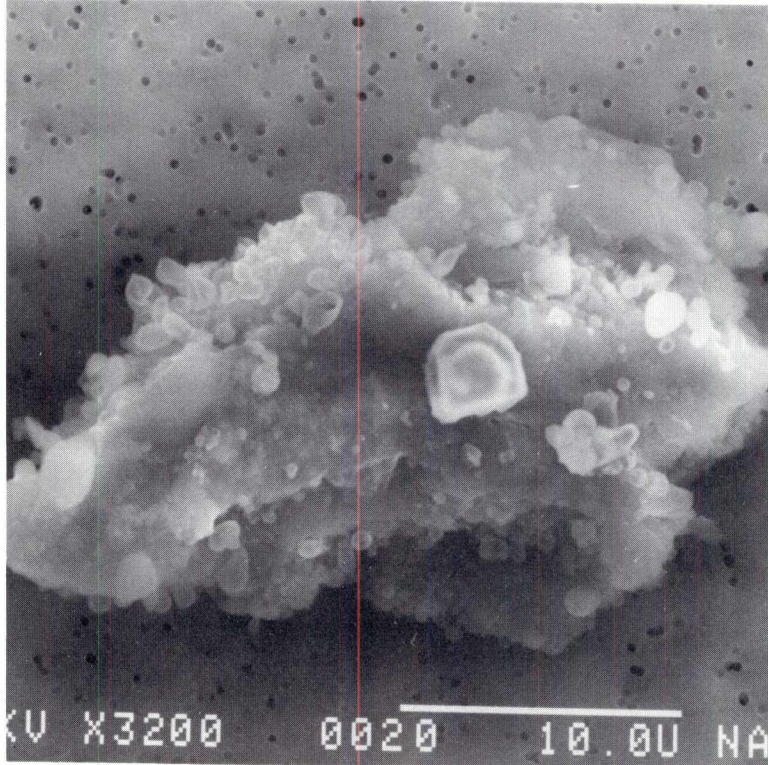


SIZE: 25x15  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SV/D  
TYPE: TCA  
COMMENTS:

S-91-32251

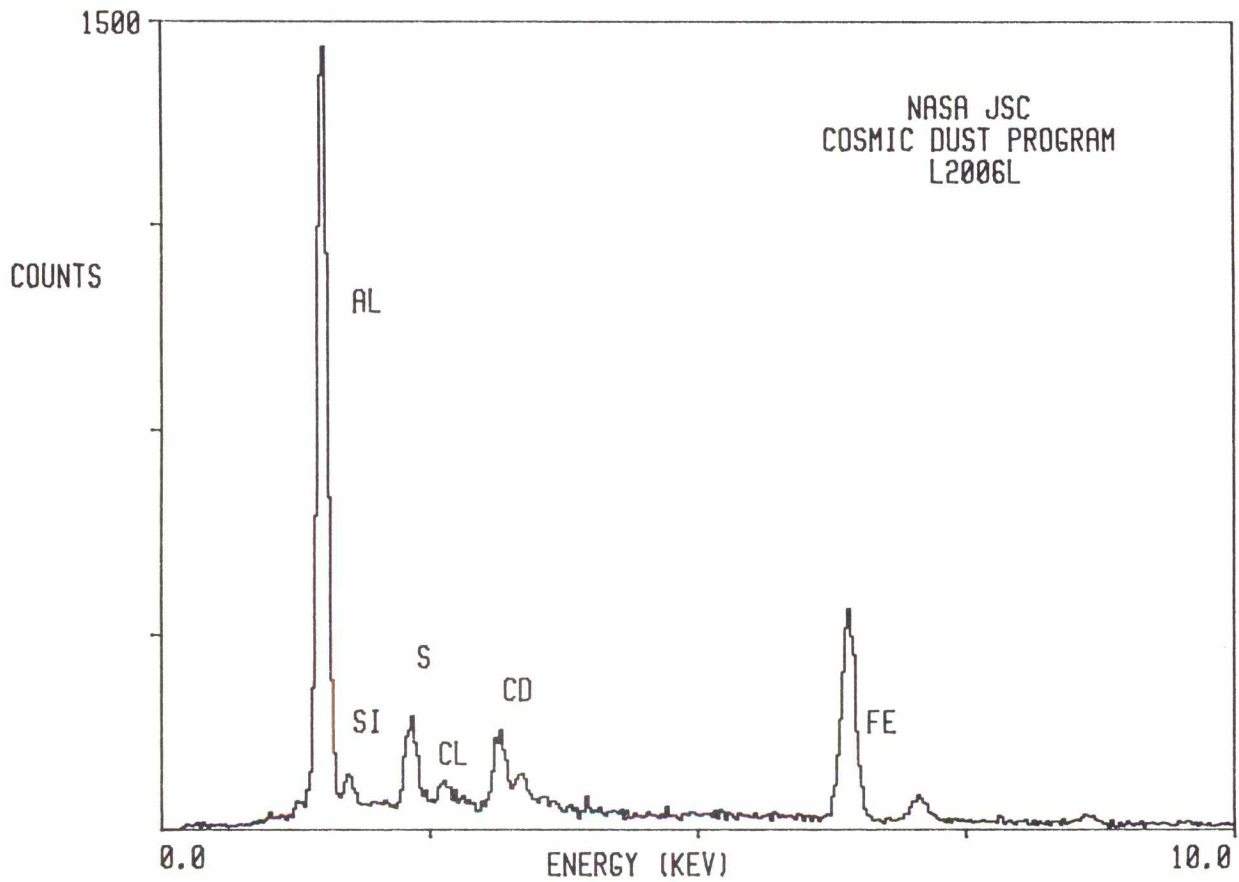


L2006 L 15

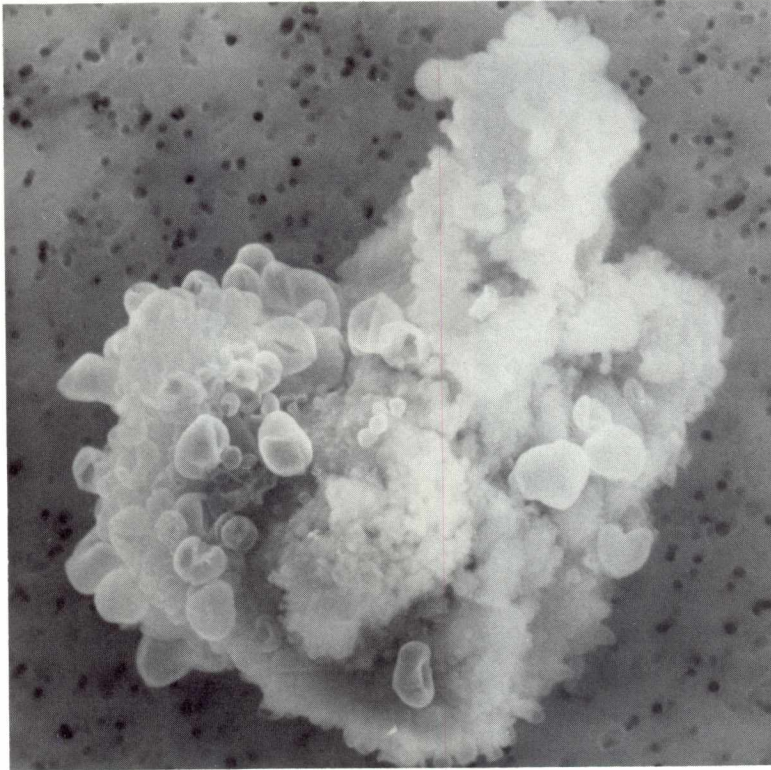


SIZE: 30x18  
SHAPE: I  
TRANS.: O  
COLOR: Brown to Gold  
LUSTER: SM/SV  
TYPE: TCA  
COMMENTS:

S-91-32252

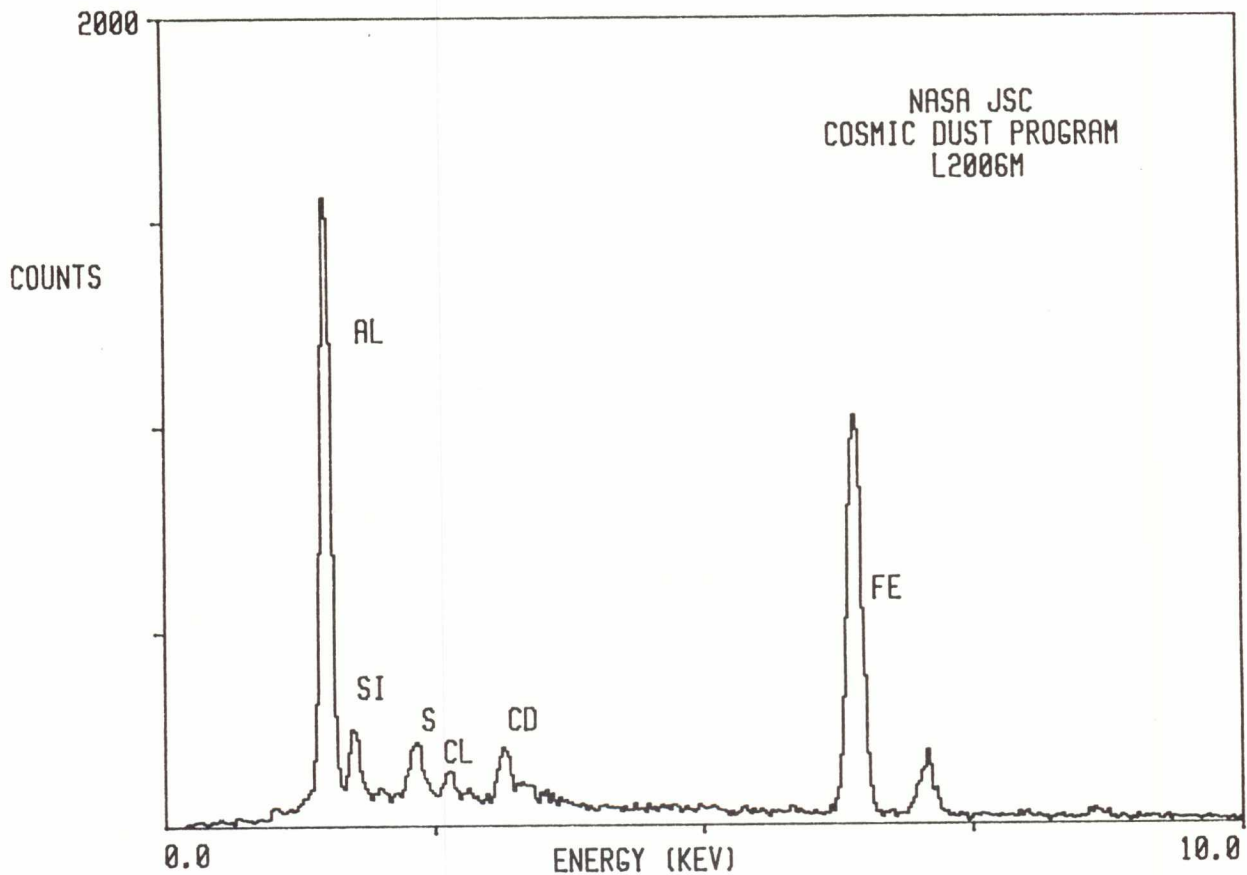


L2006 M 4

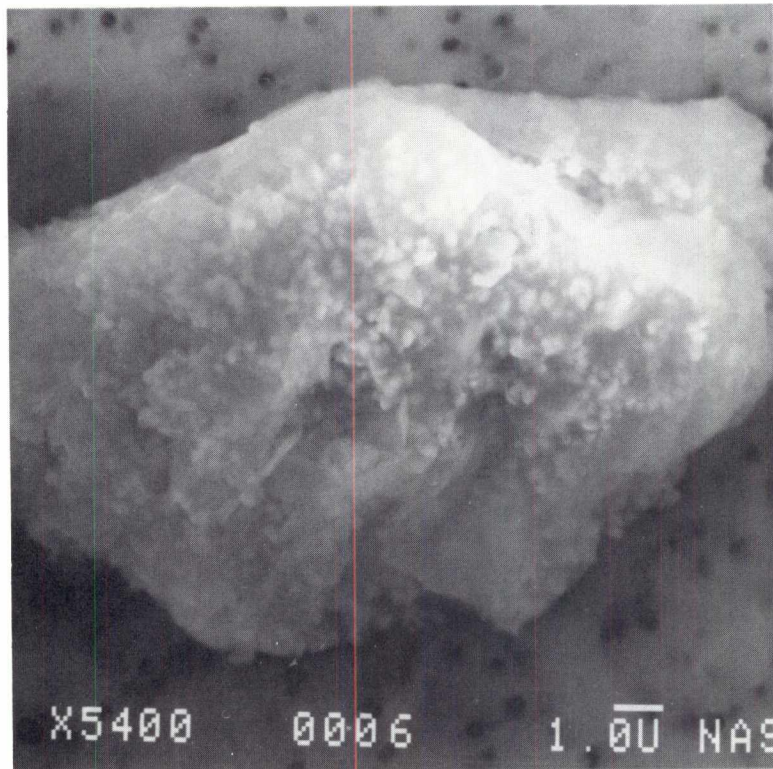


SIZE: 25x18  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: D/SV  
TYPE: TCA  
COMMENTS:

S-91-32197

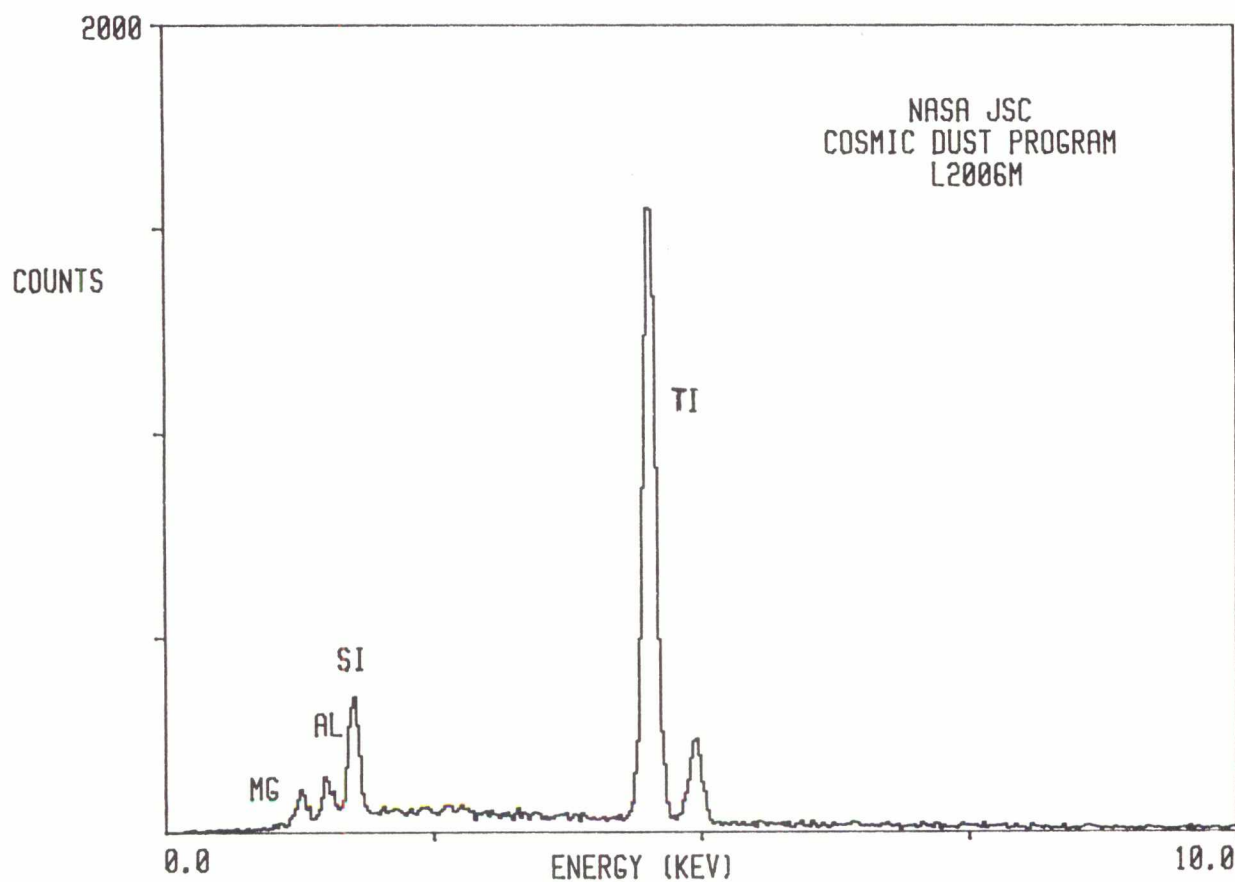


L2006 M 6

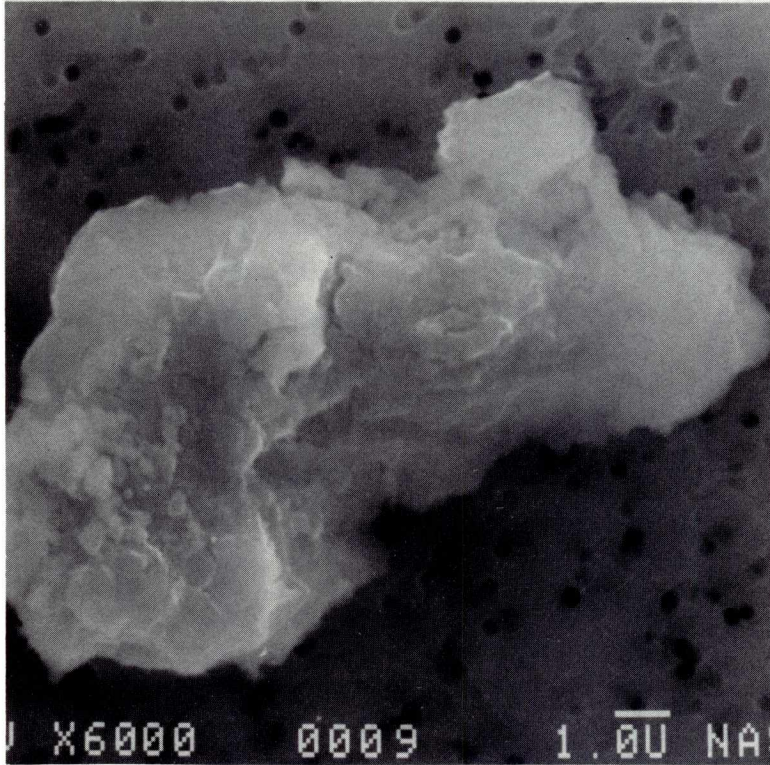


SIZE: 17x12  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SV/SM  
TYPE: TCA?  
COMMENTS:

S-91-32199

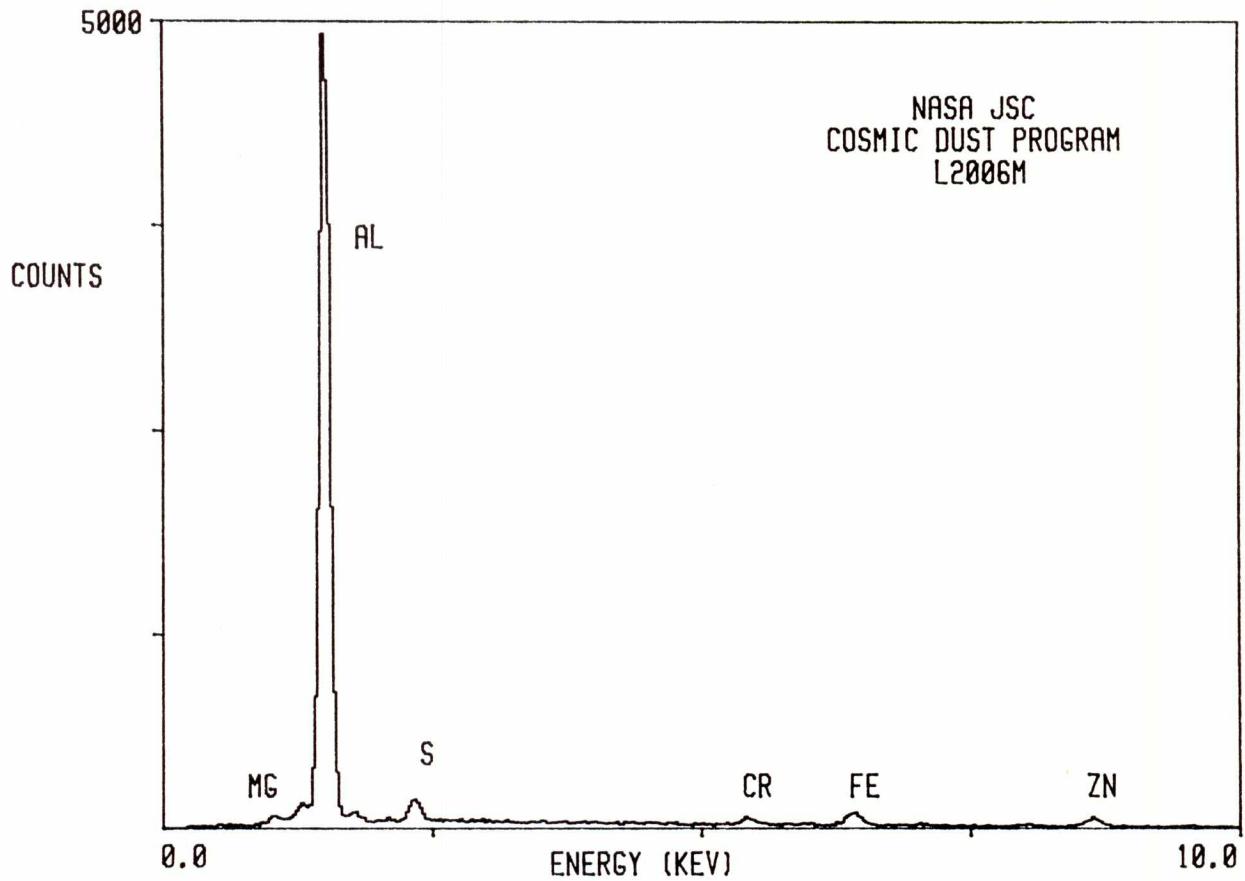


L2006 M 9



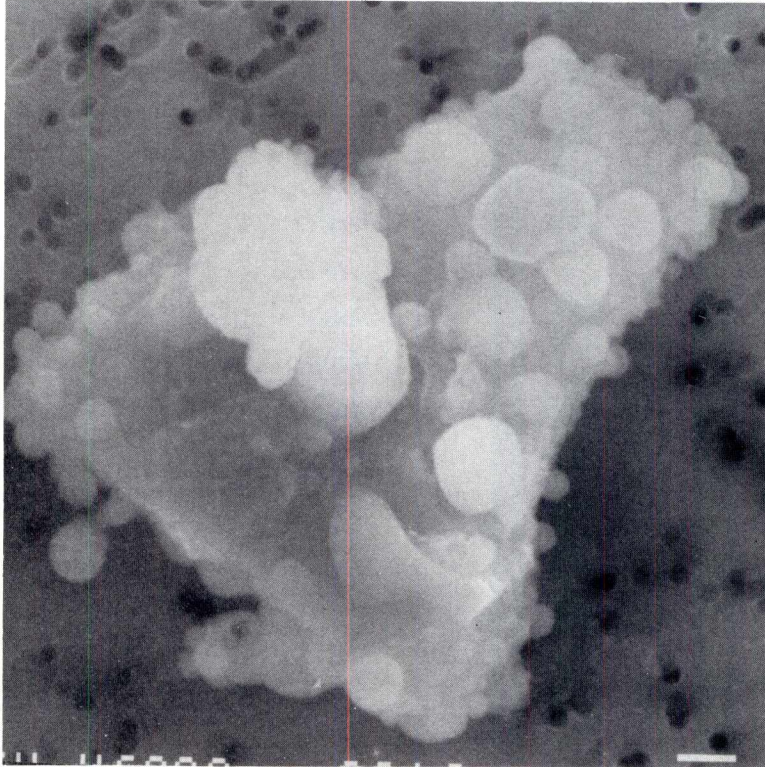
SIZE: 15x8  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: TCA  
COMMENTS:

S-91-32202



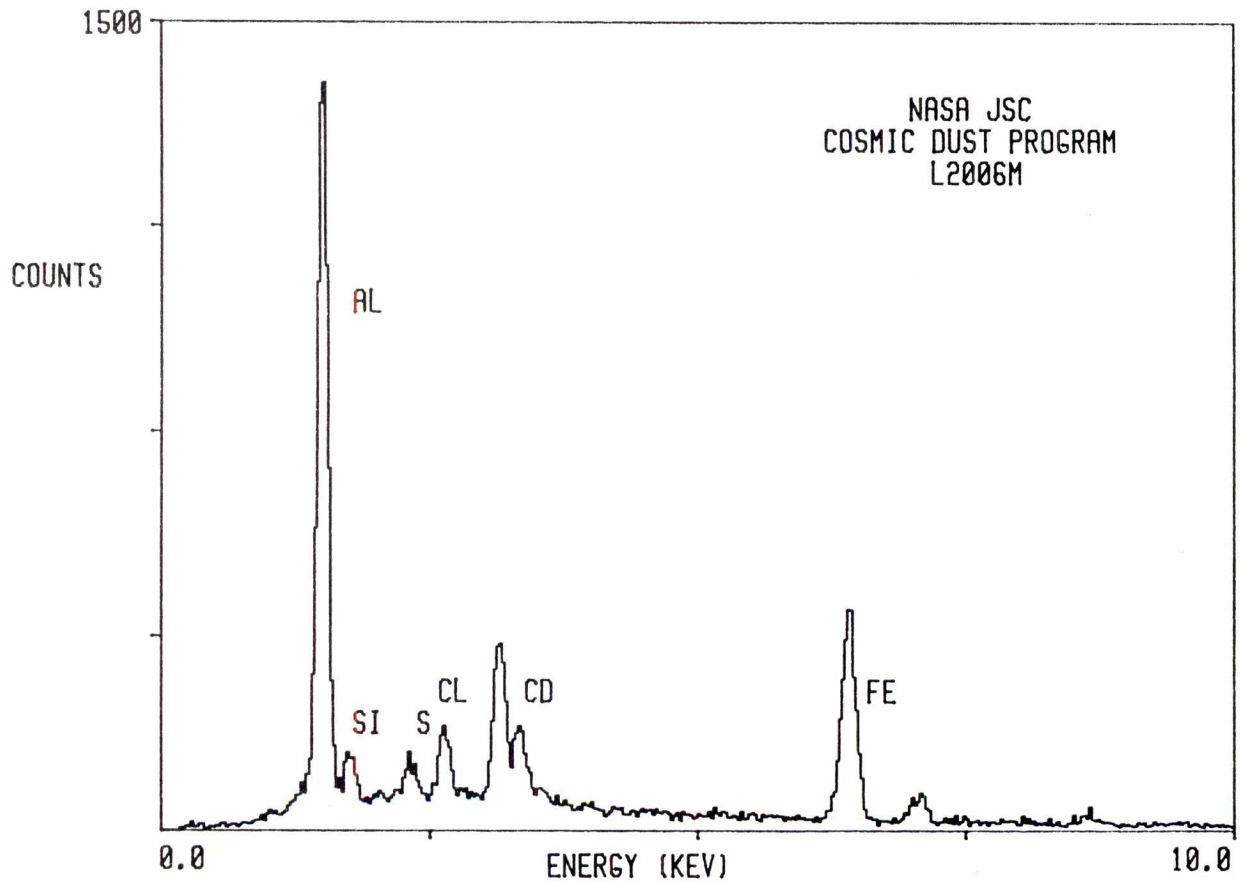


L2006 M 10

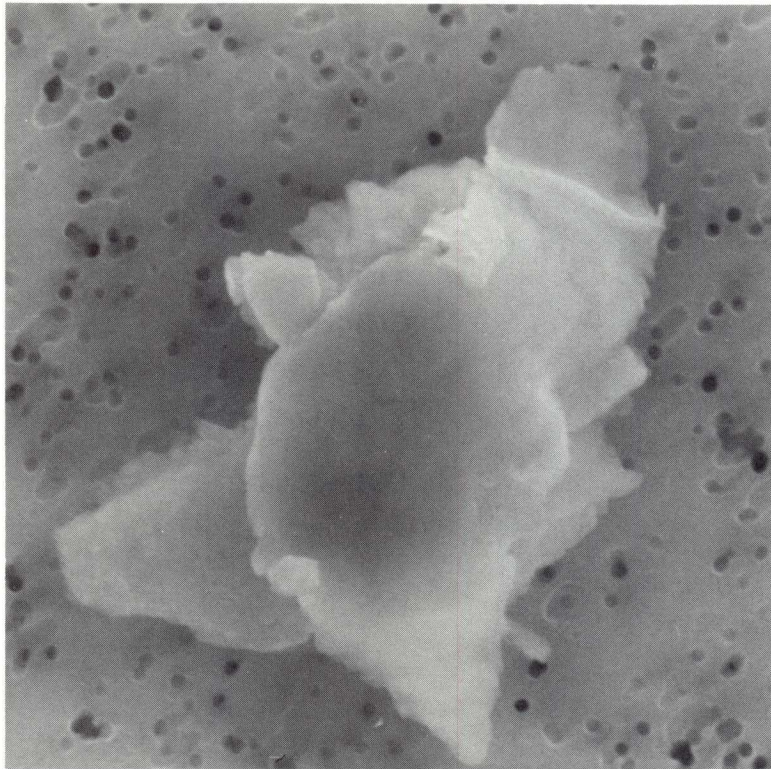


SIZE: 14x11  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: TCA  
COMMENTS:

S-91-32203

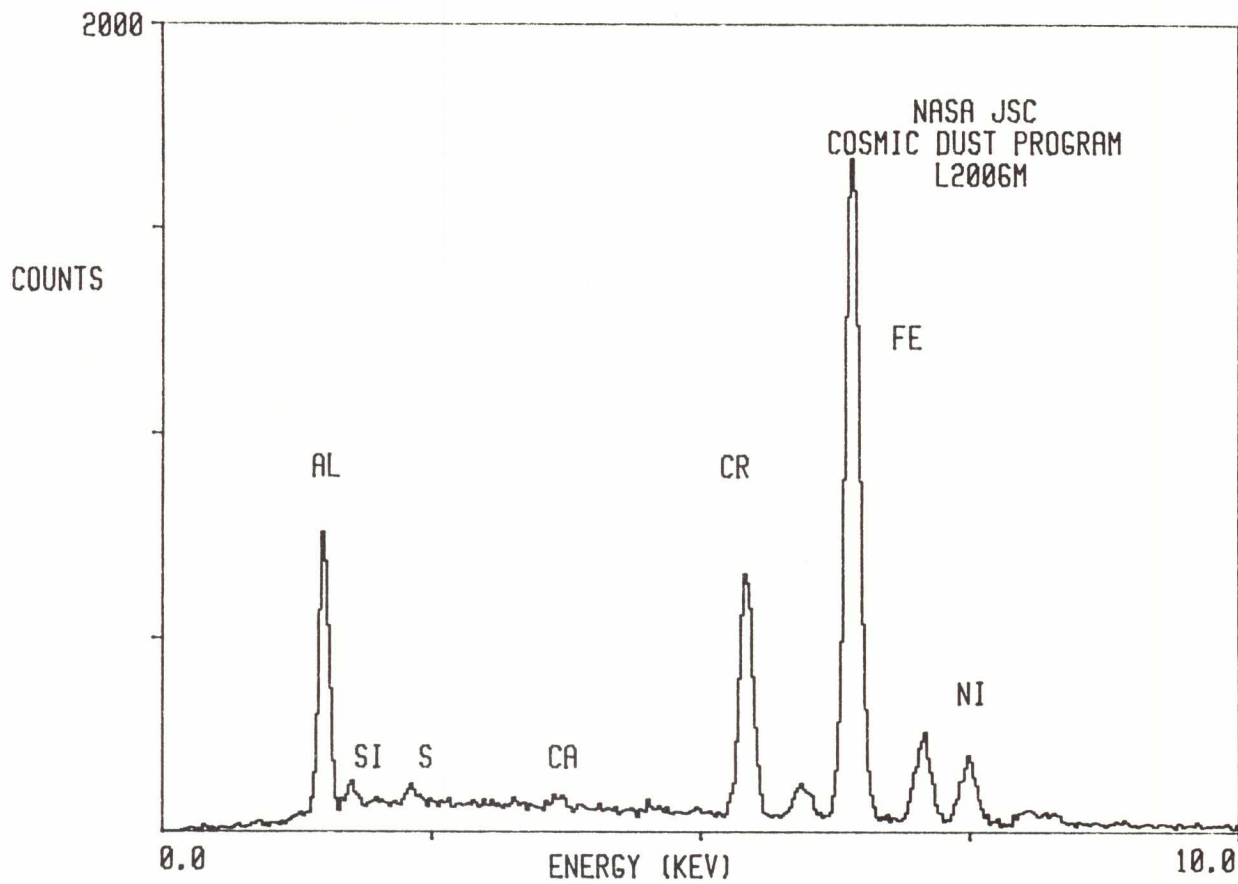


L2006 M 14

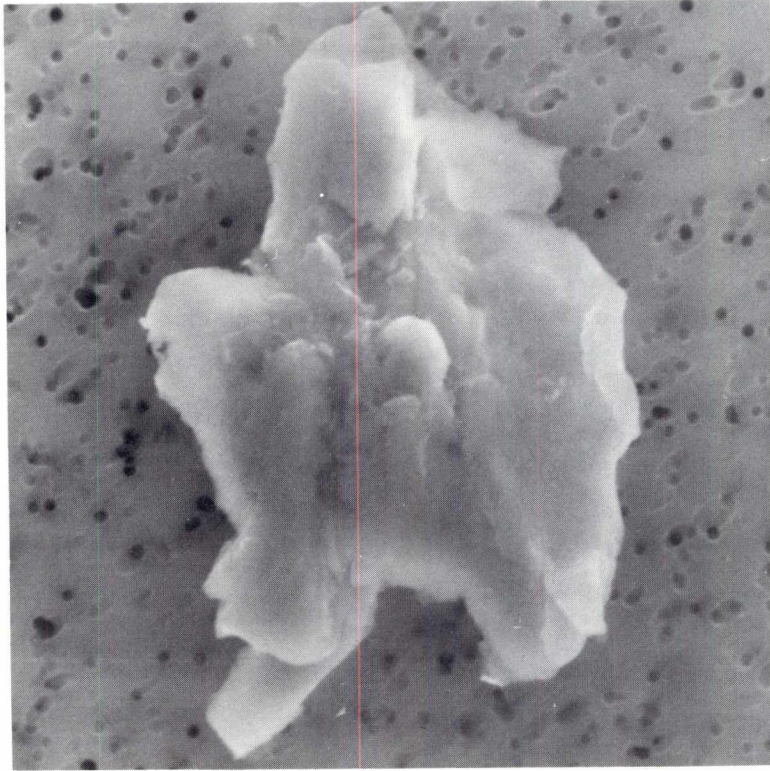


SIZE: 16x10  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: M/SM  
TYPE: TCA?  
COMMENTS:

S-91-32207

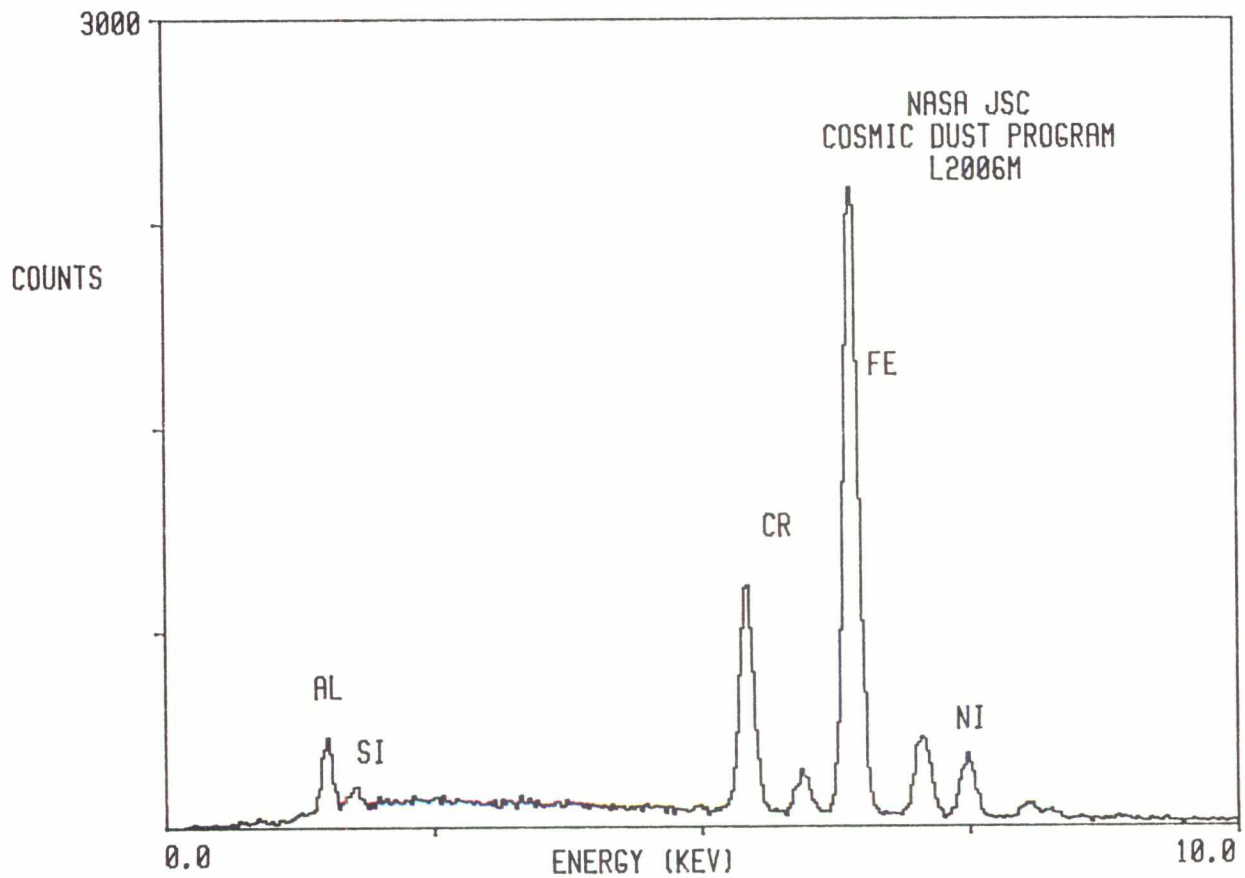


L2006 M 15

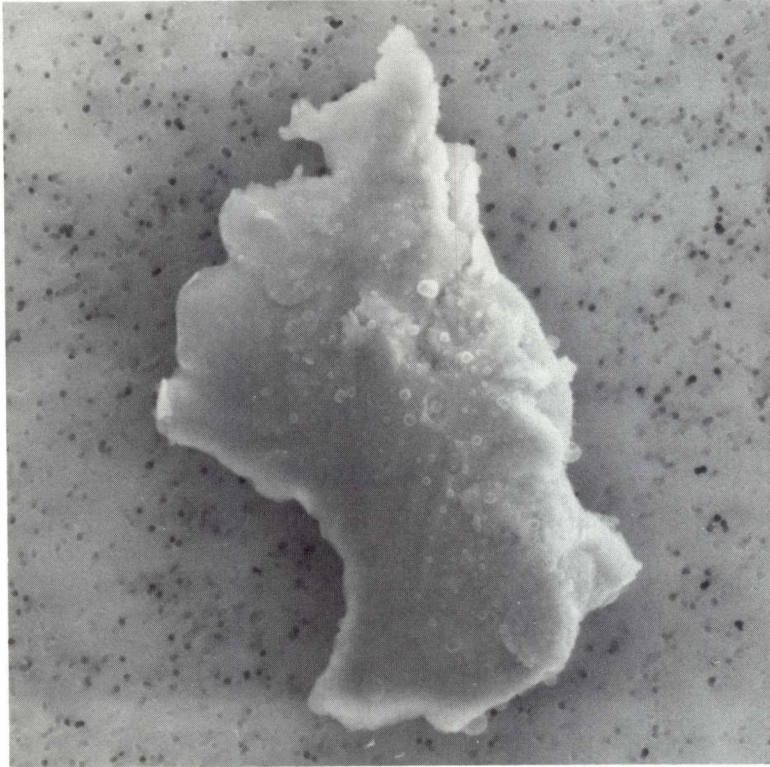


SIZE: 15x11  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: M/SM  
TYPE: TCA?  
COMMENTS:

S-91-32208

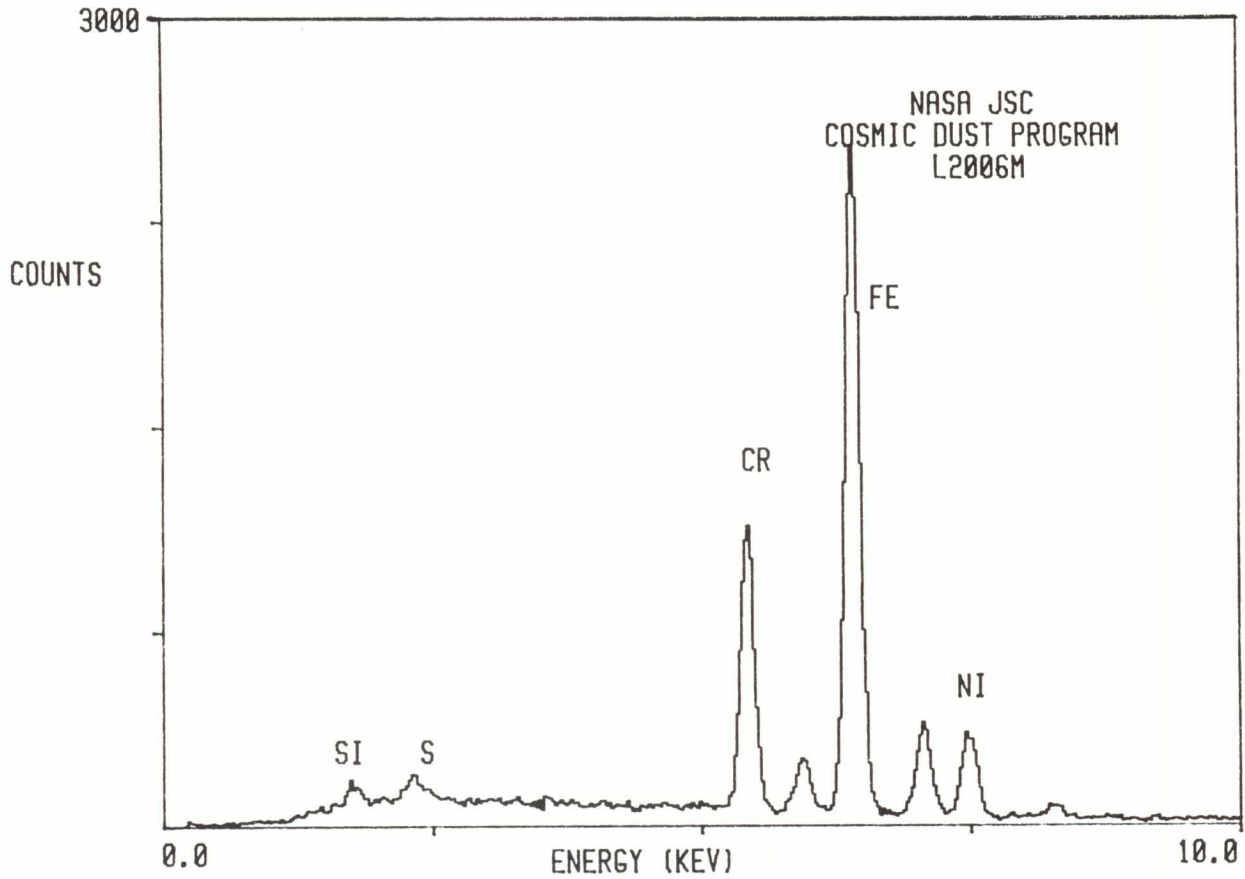


L2006 M 16

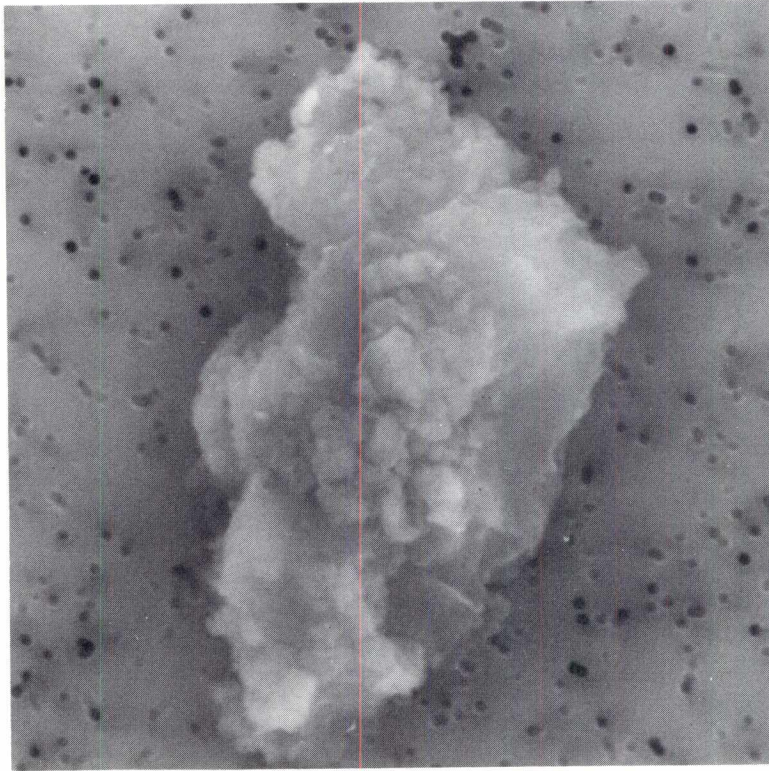


SIZE: 31x18  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: M/SM  
TYPE: TCA?  
COMMENTS:

S-91-32209

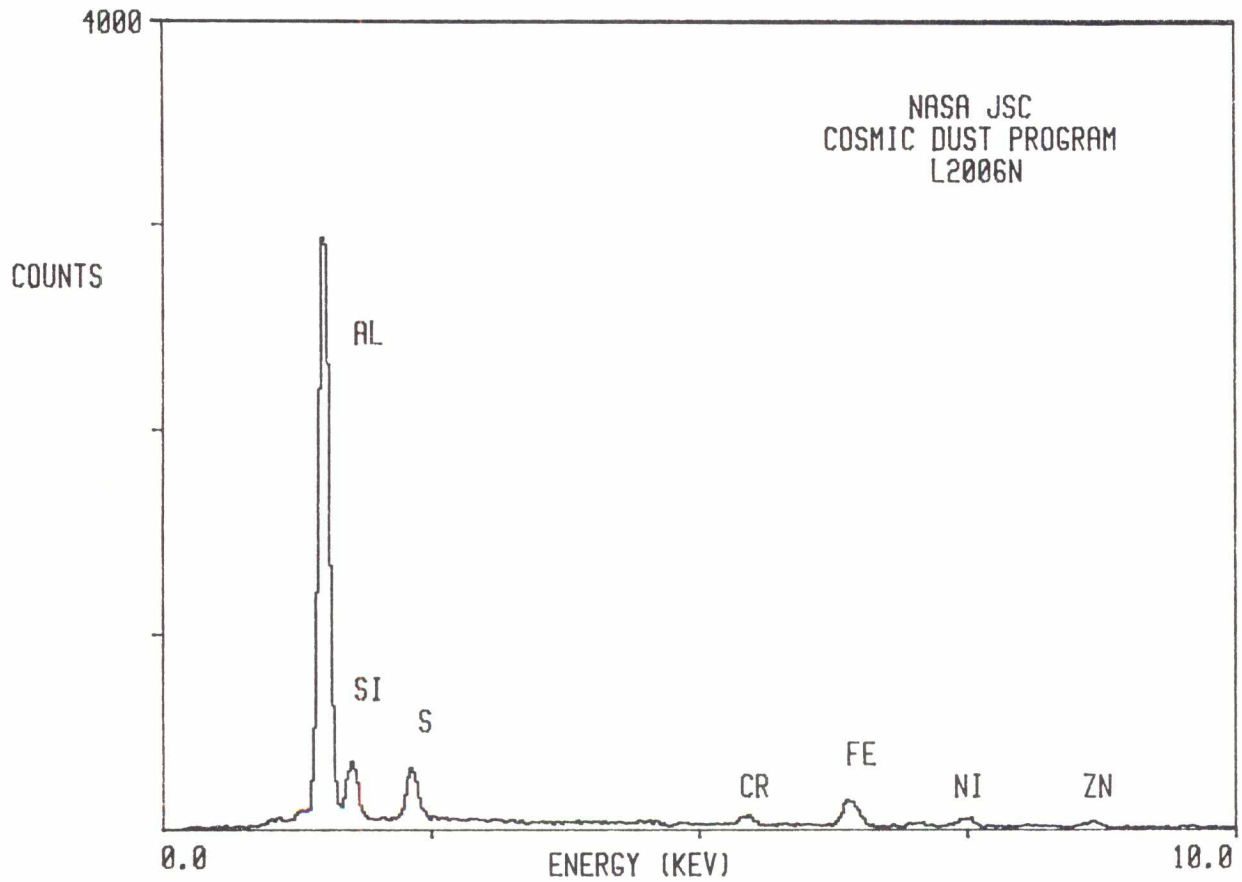


L2006 N 3

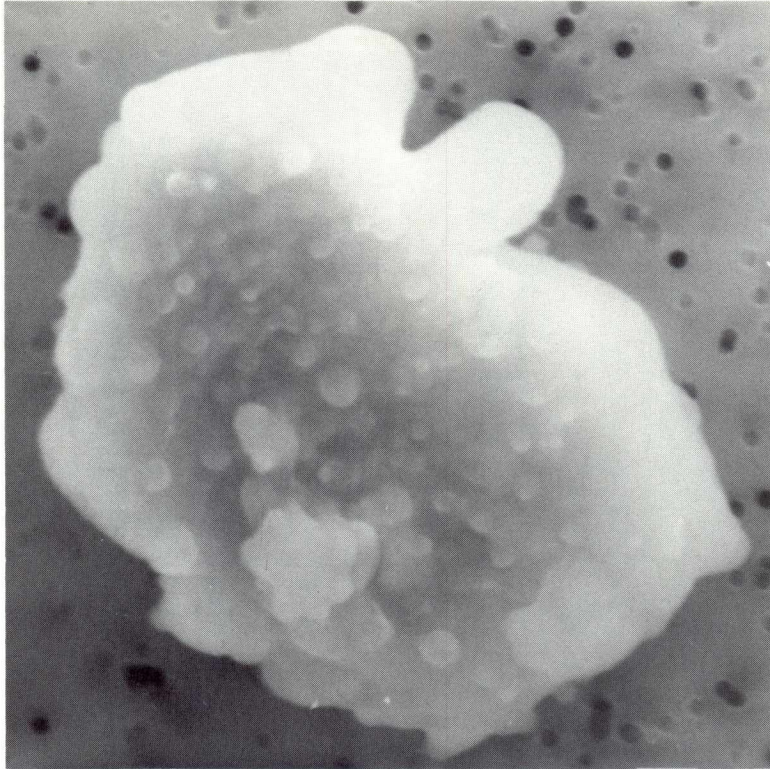


SIZE: 14x8  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SV/SM  
TYPE: TCA?  
COMMENTS:

S-91-32223

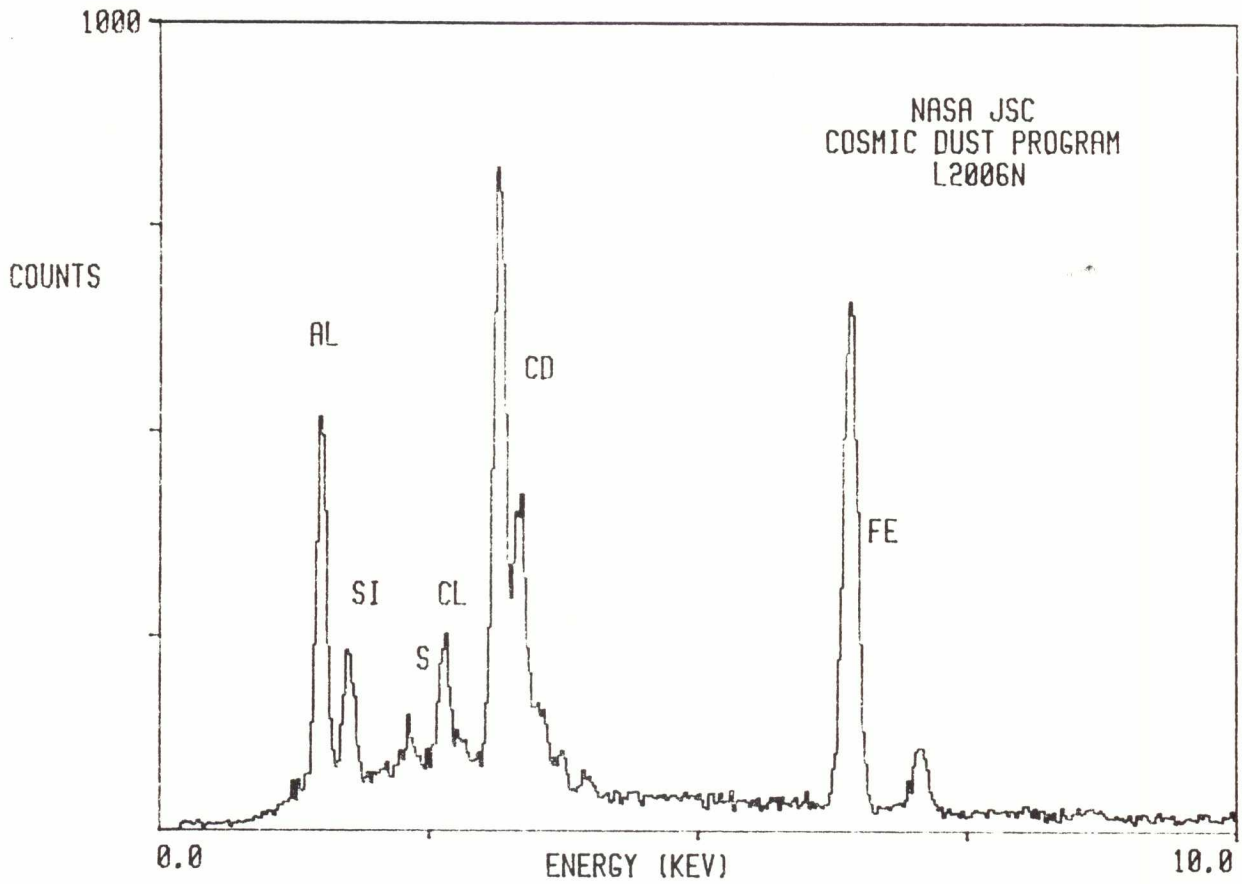


L2006 N 11

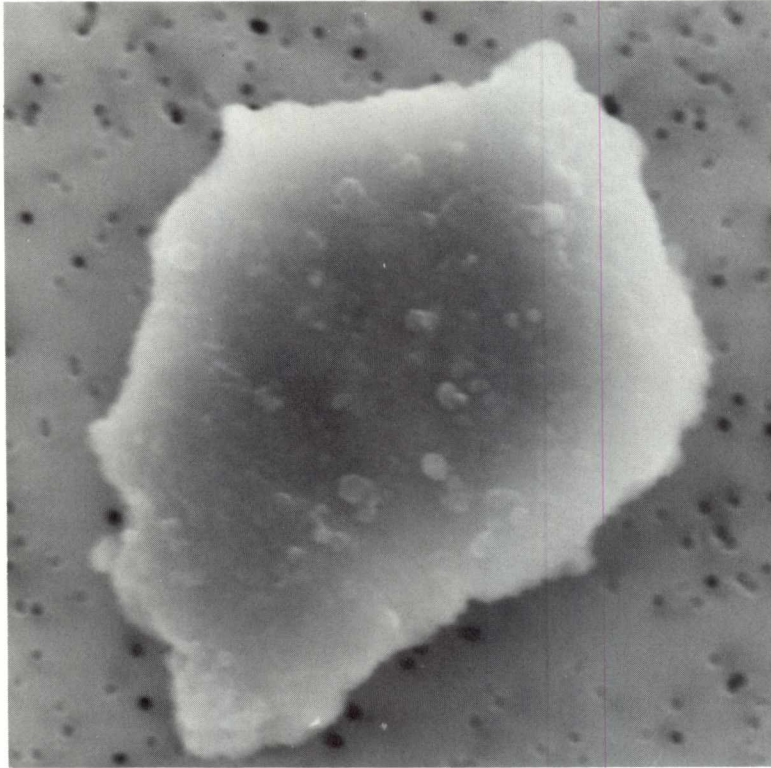


SIZE: 11x9  
SHAPE: I  
TRANS.: TL/O  
COLOR: Brown  
LUSTER: SV/D  
TYPE: TCA  
COMMENTS:

S-91-32231

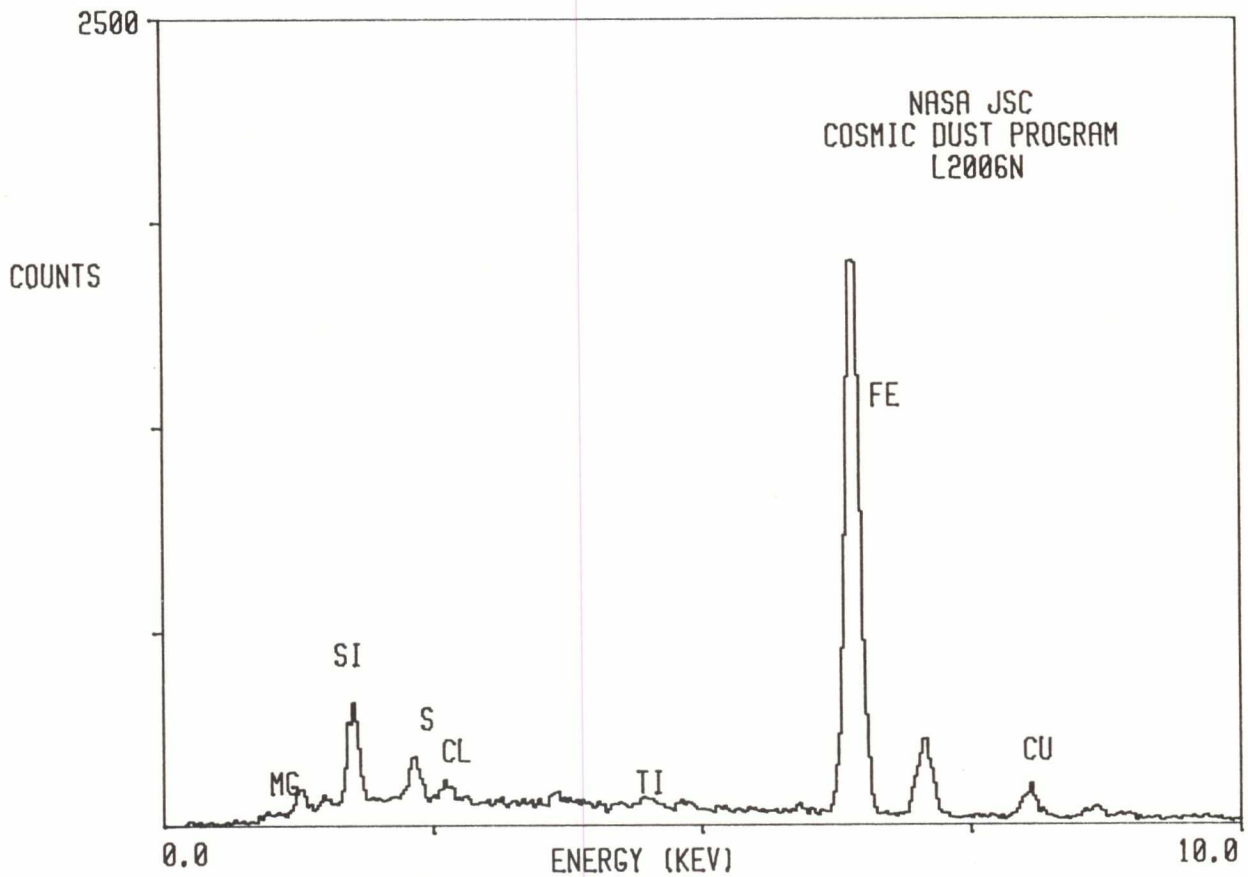


L2006 N 15

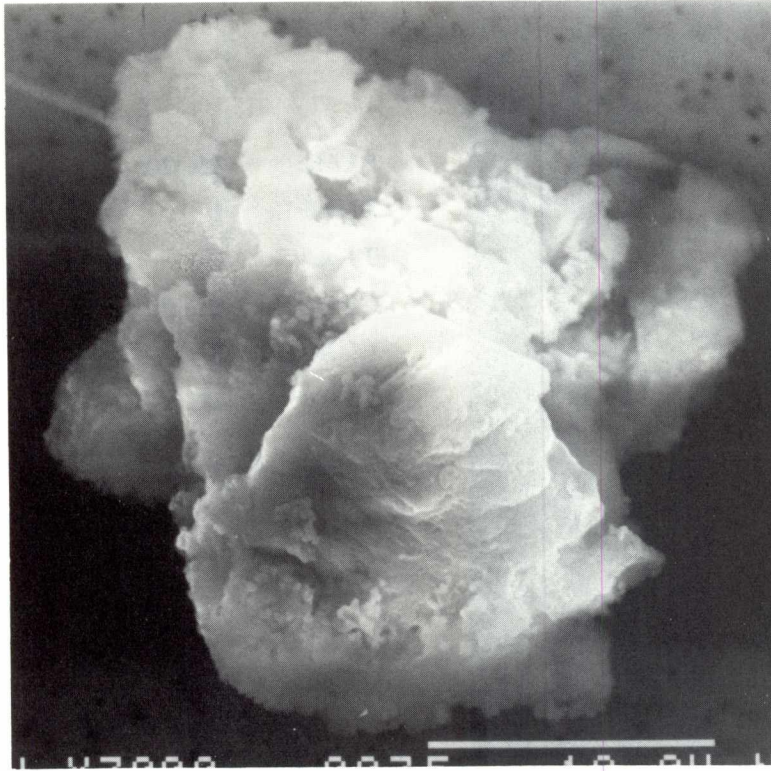


SIZE: 16x10  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM/D  
TYPE: TCA?  
COMMENTS:

S-91-32235

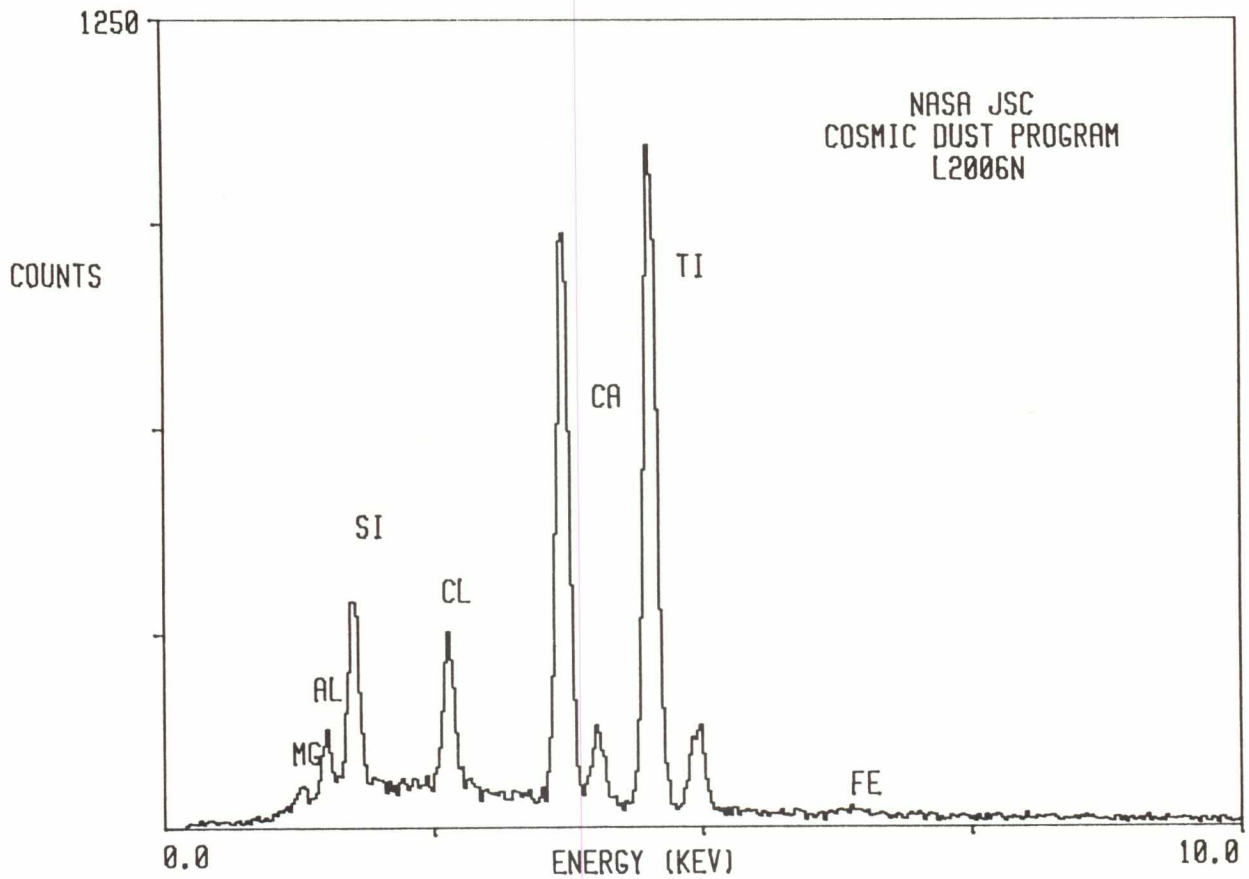


L2006 N 17



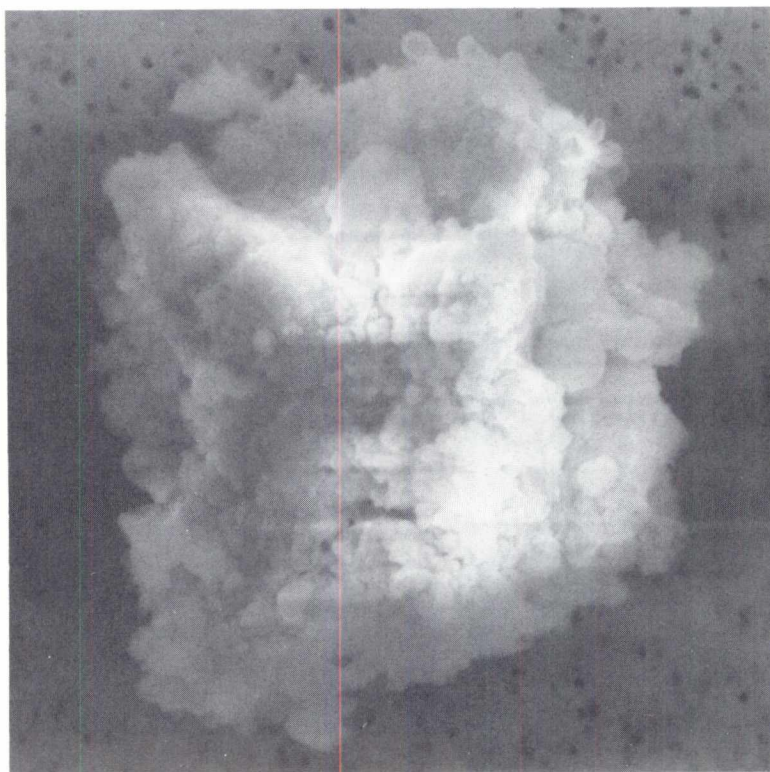
SIZE: 29x27  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM/SV  
TYPE: TCA?  
COMMENTS:

S-91-32237



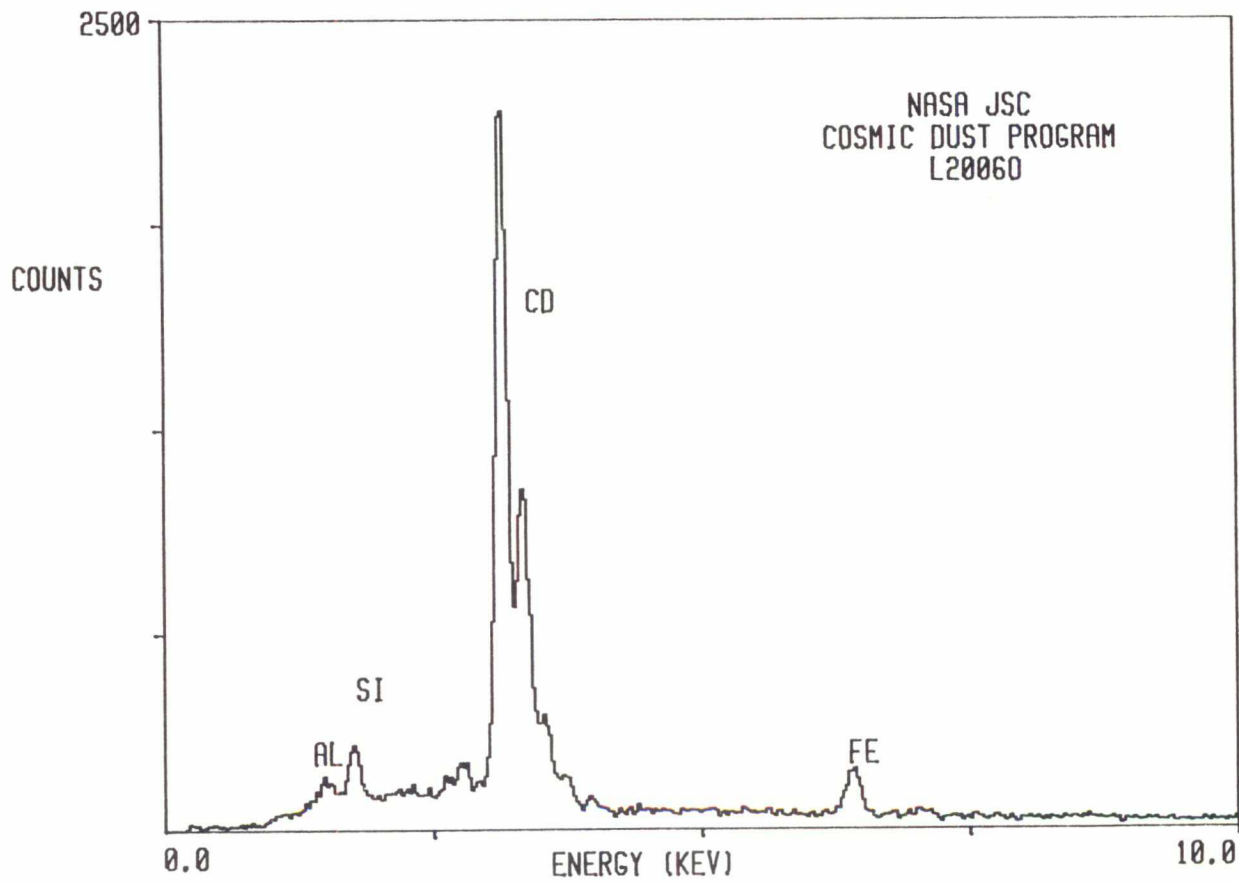


L2006 O 4

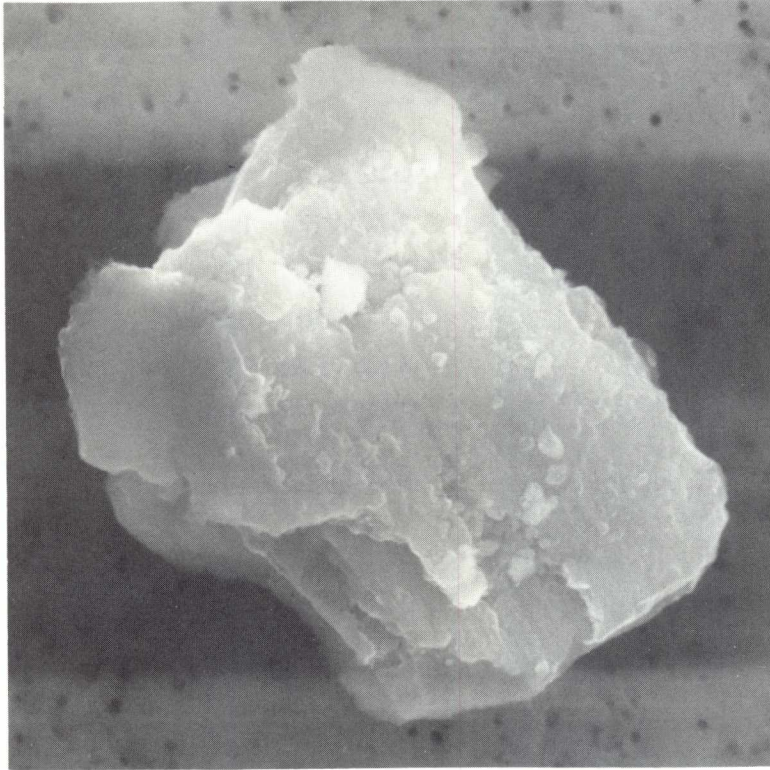


SIZE: 25x20  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D  
TYPE: TCA  
COMMENTS:

S-91-32274

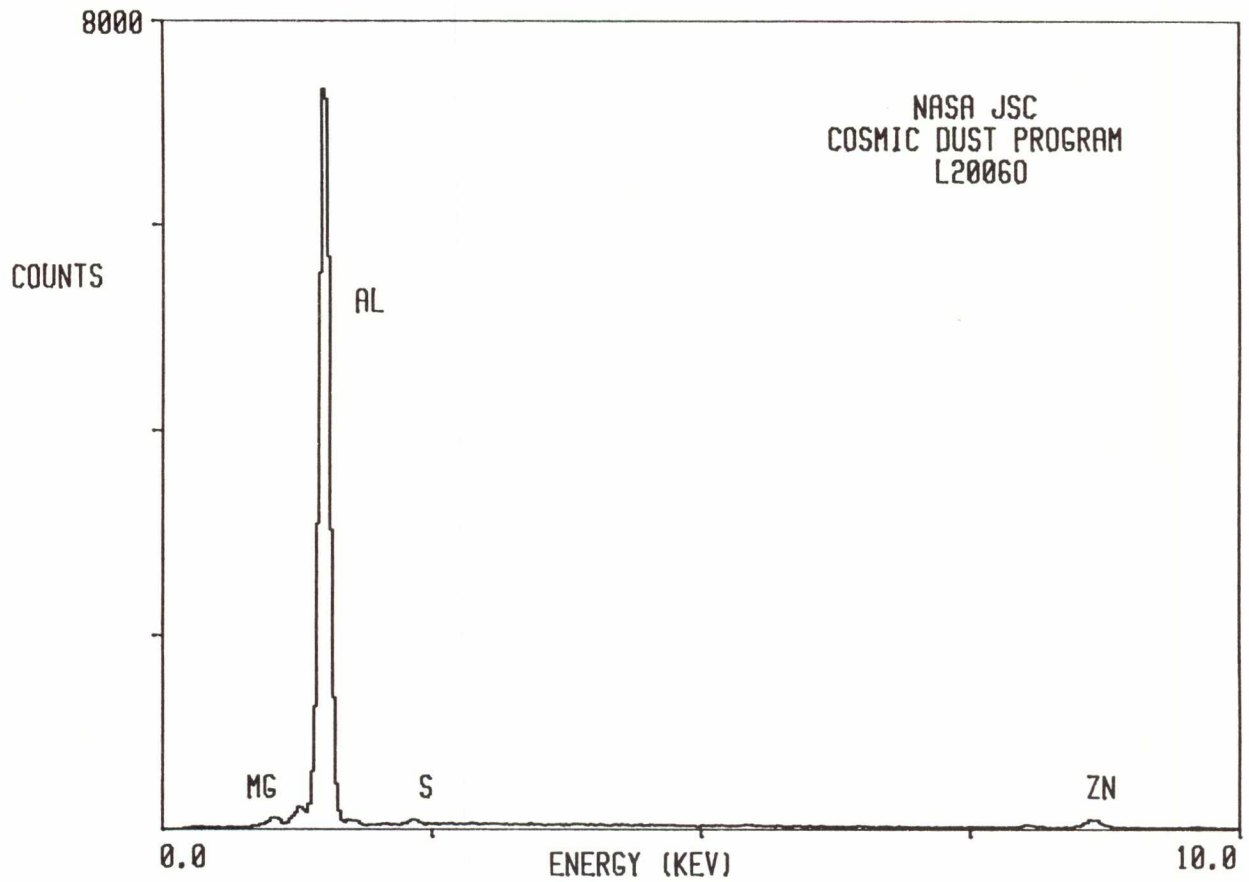


L2006 O 5

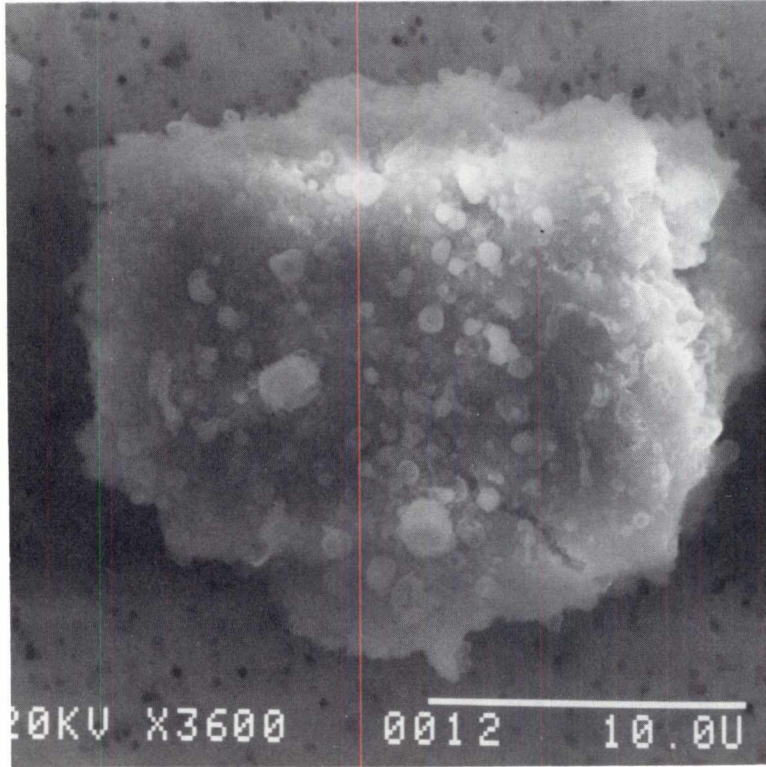


SIZE: 19x15  
SHAPE: I/E  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: TCA  
COMMENTS:

S-91-32275

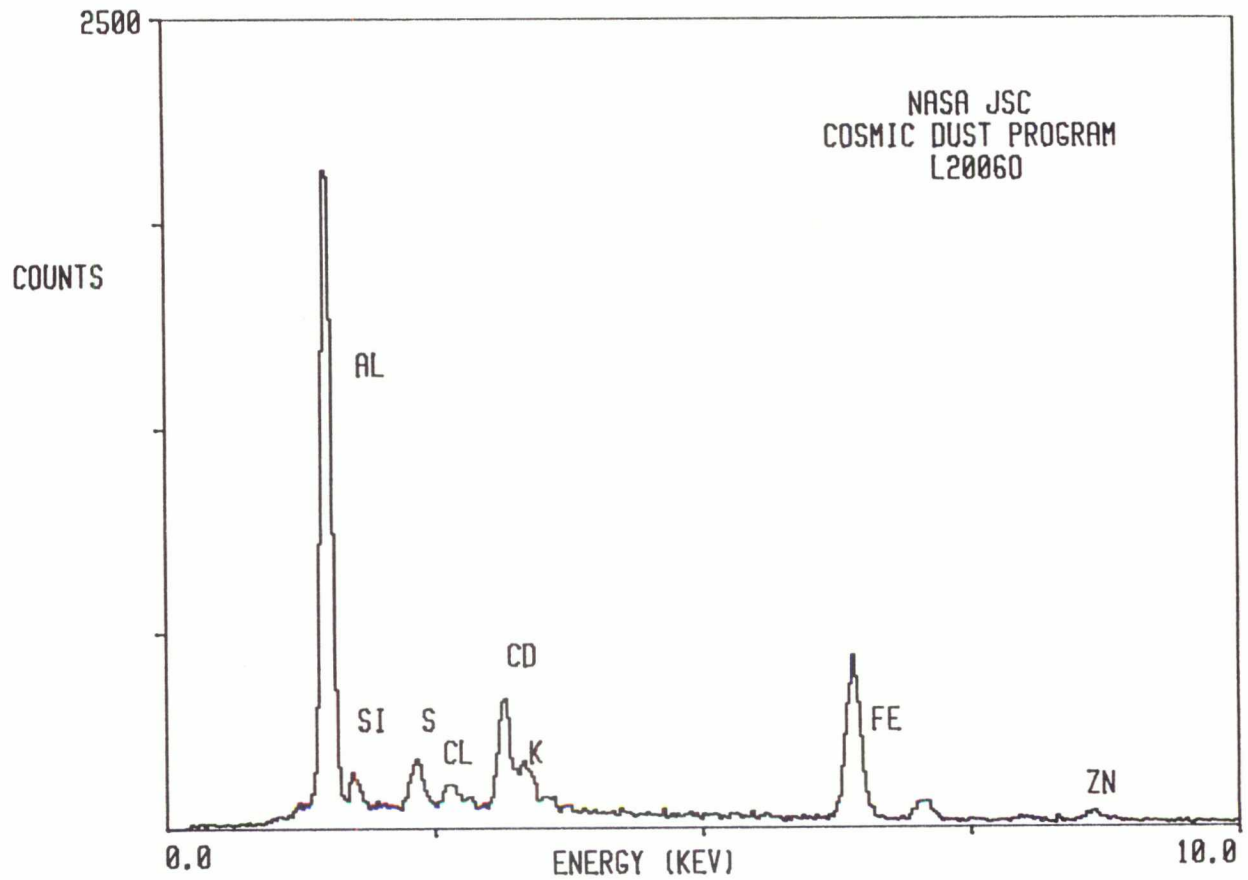


L2006 O 7

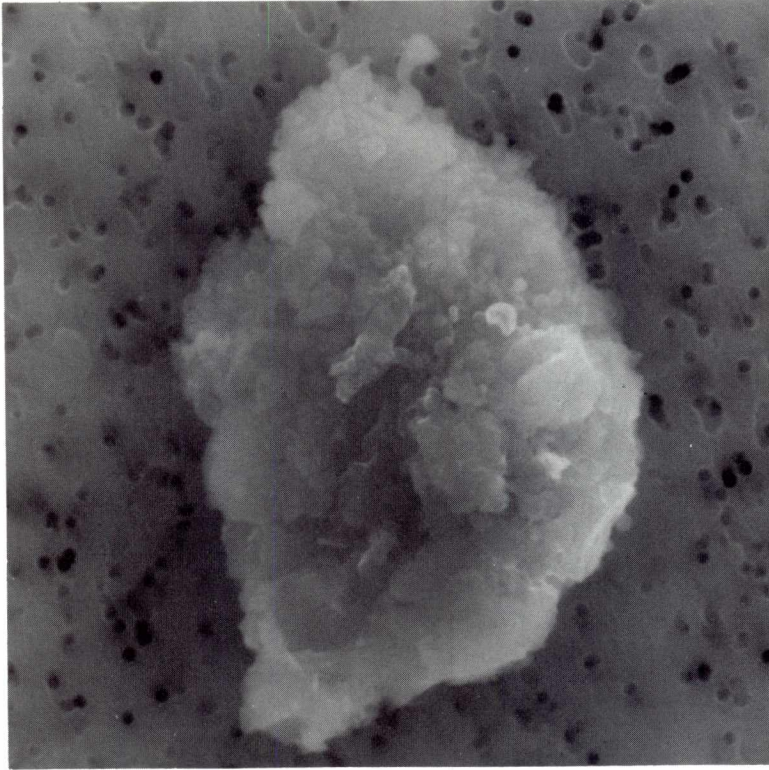


SIZE: 24x19  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SV/SM  
TYPE: TCA  
COMMENTS:

S-91-32277

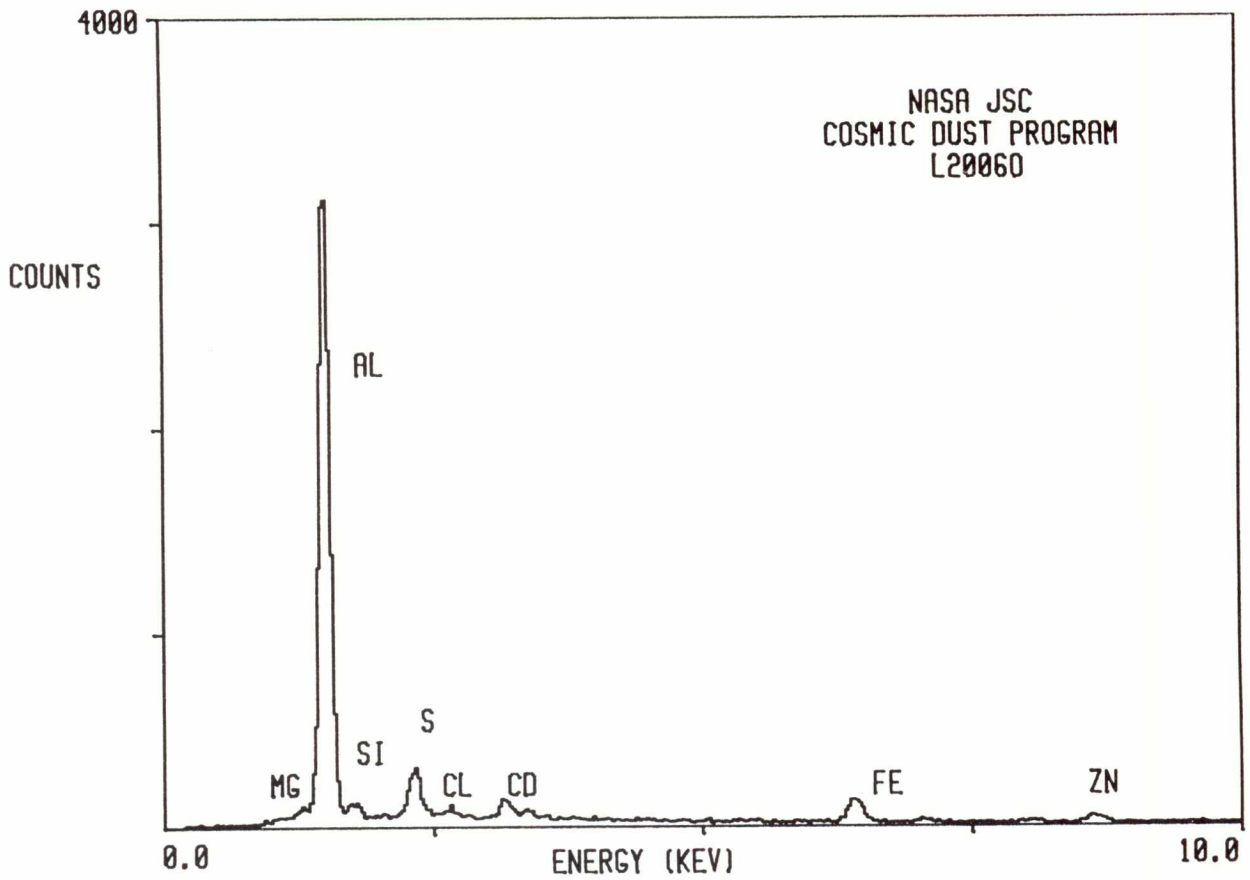


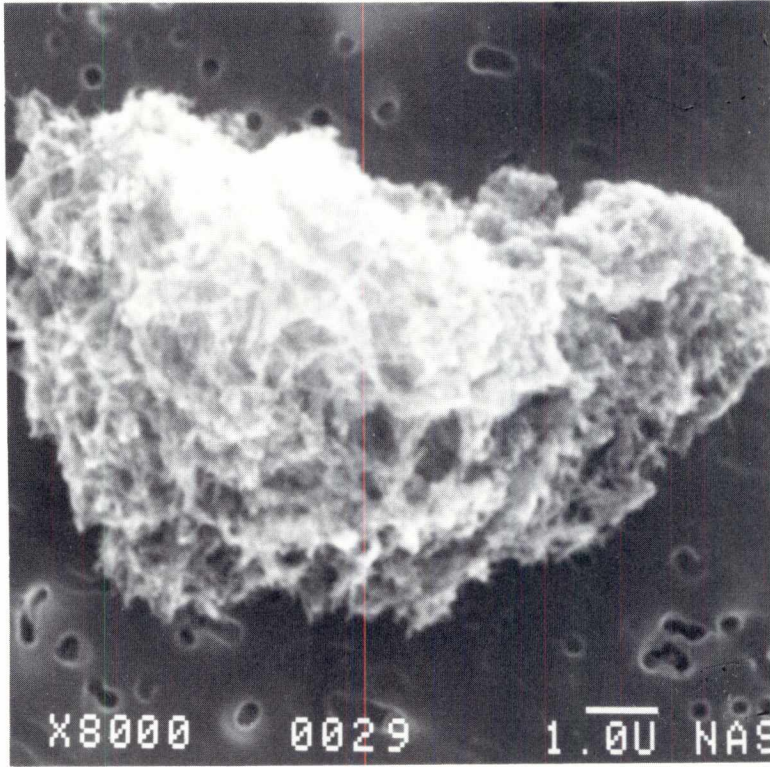
L2006 O 13



SIZE: 15x10  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SM/SV  
TYPE: TCA  
COMMENTS:

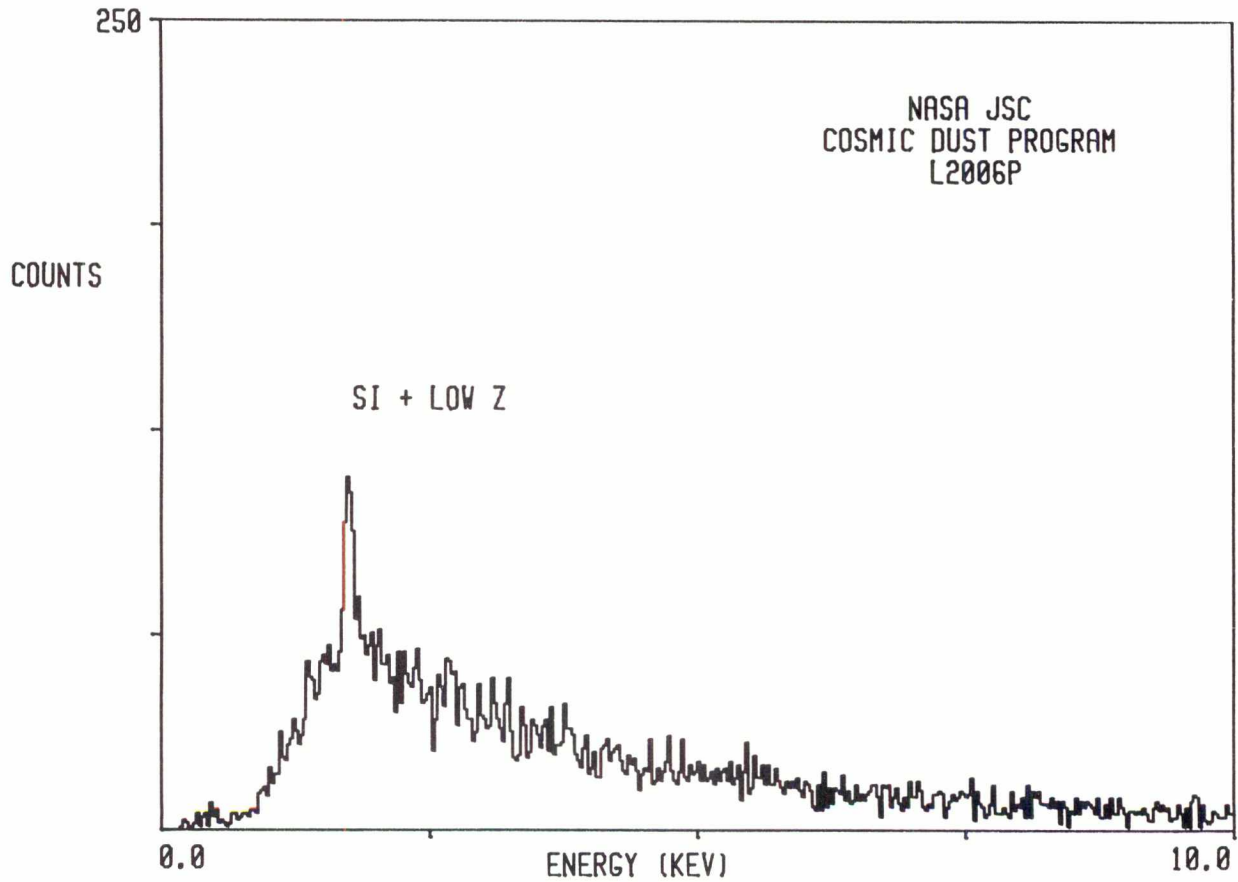
S-91-32283





SIZE: 11x7  
SHAPE: I  
TRANS.: O  
COLOR: Black to Grey  
LUSTER: D  
TYPE: TCA?  
COMMENTS:

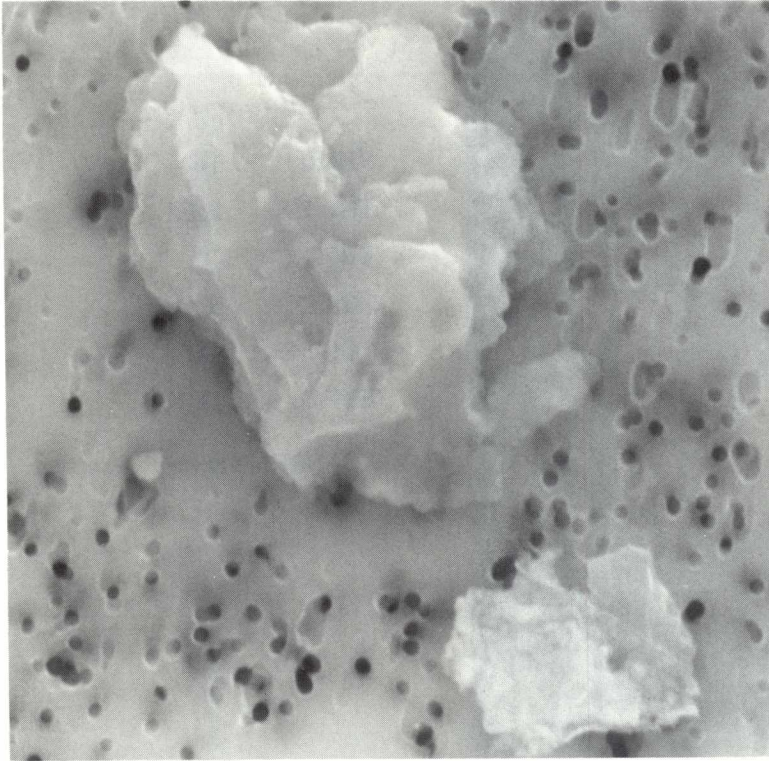
S-91-32288



Particle Descriptions  
**TCN Type**

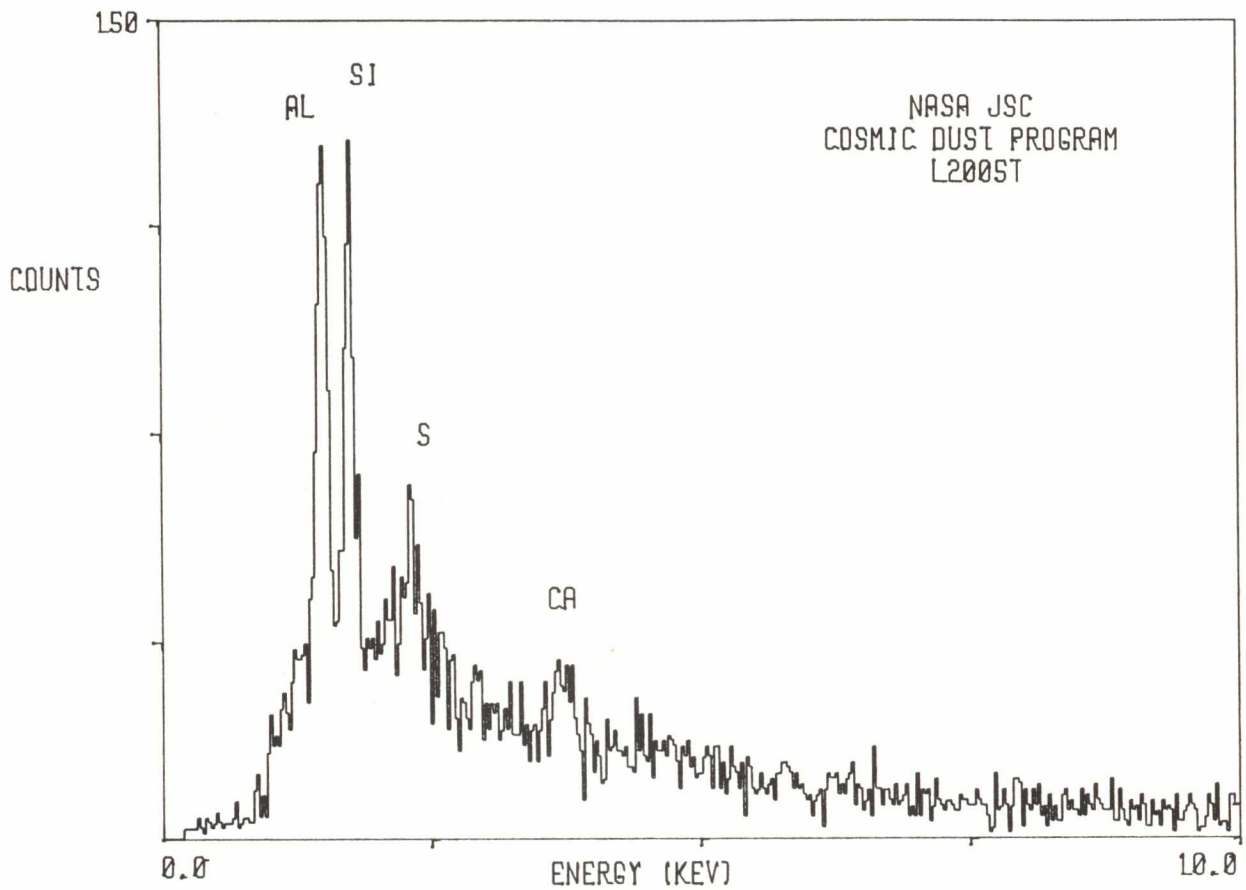
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L2005 T 1

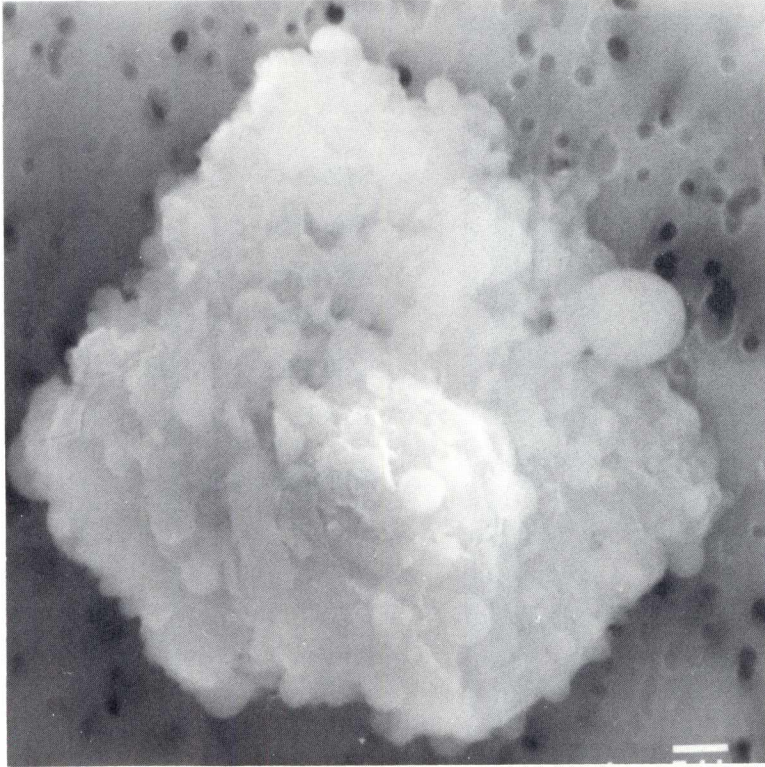


SIZE: 11x7  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SM/D  
TYPE: TCN  
COMMENTS:

S-91-32358

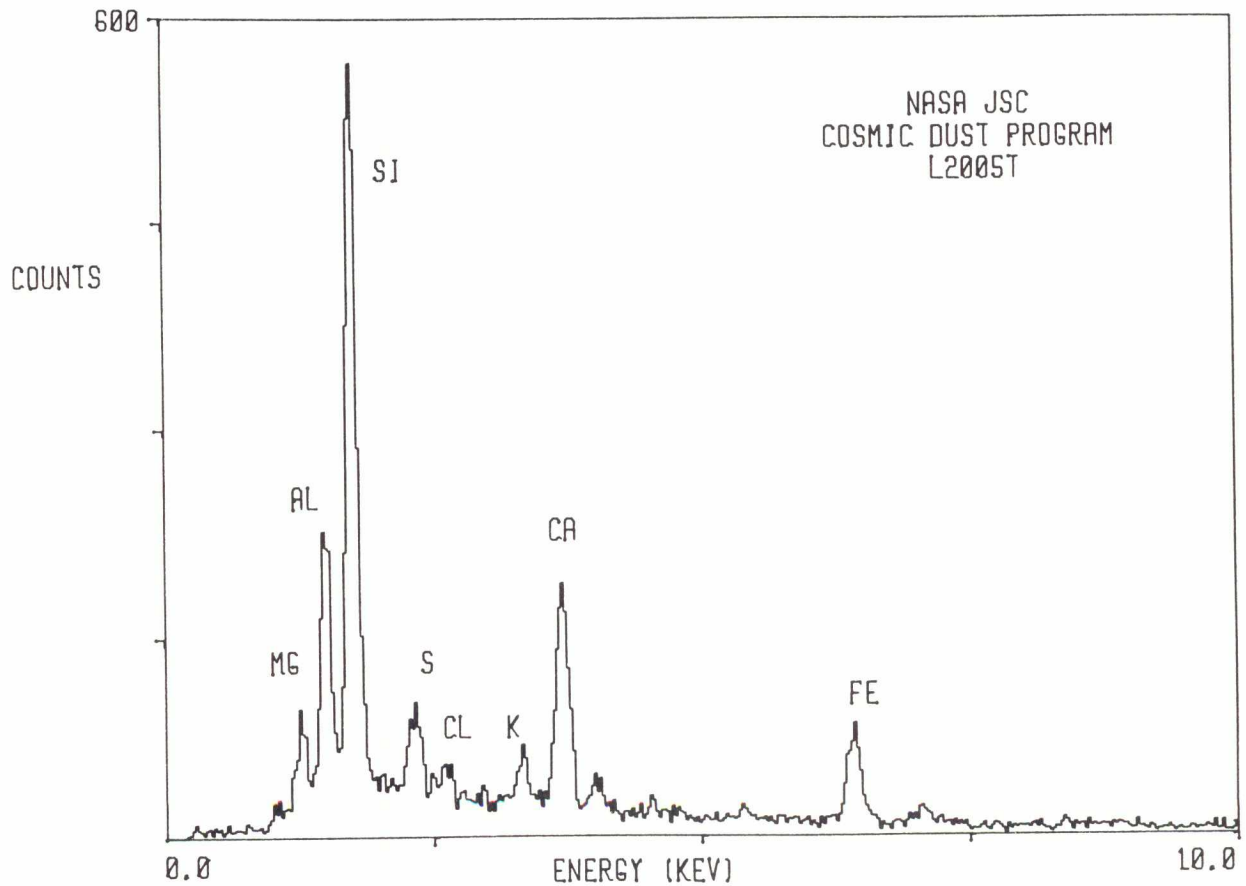


L2005 T 4



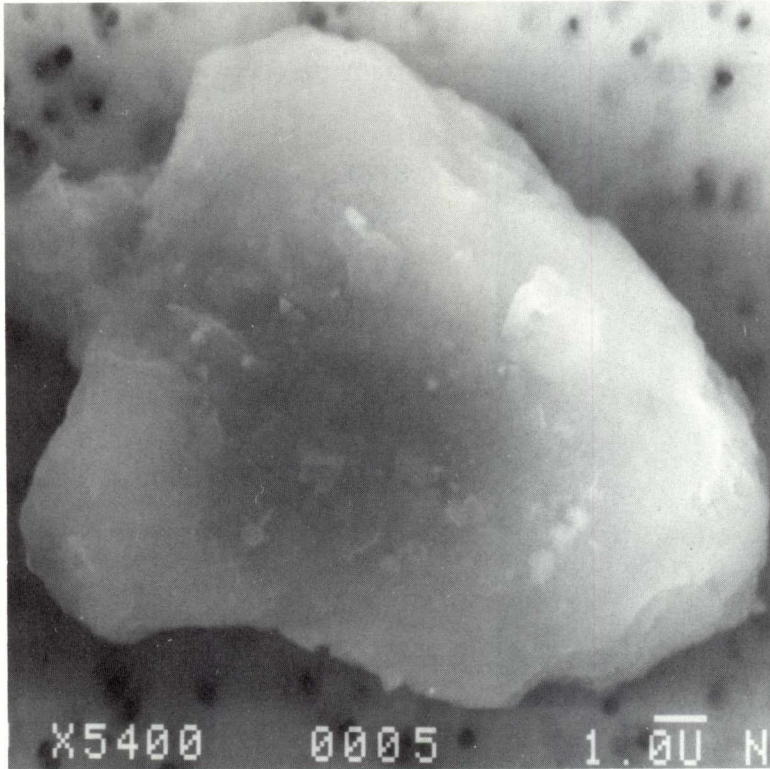
SIZE: 14  
SHAPE: I/E  
TRANS.: O  
COLOR: Black  
LUSTER: SM/D  
TYPE: TCN?  
COMMENTS:

S-91-32361



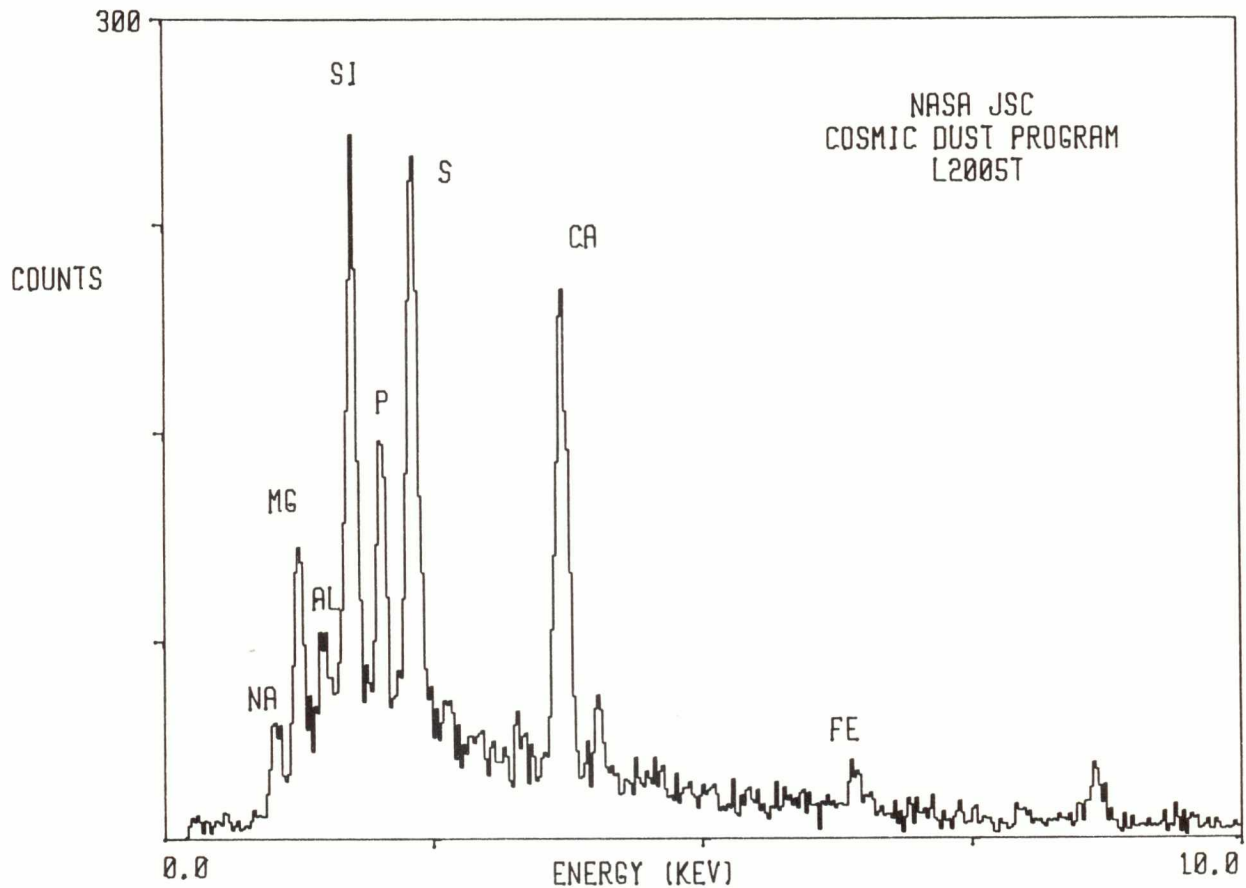


L2005 T 5

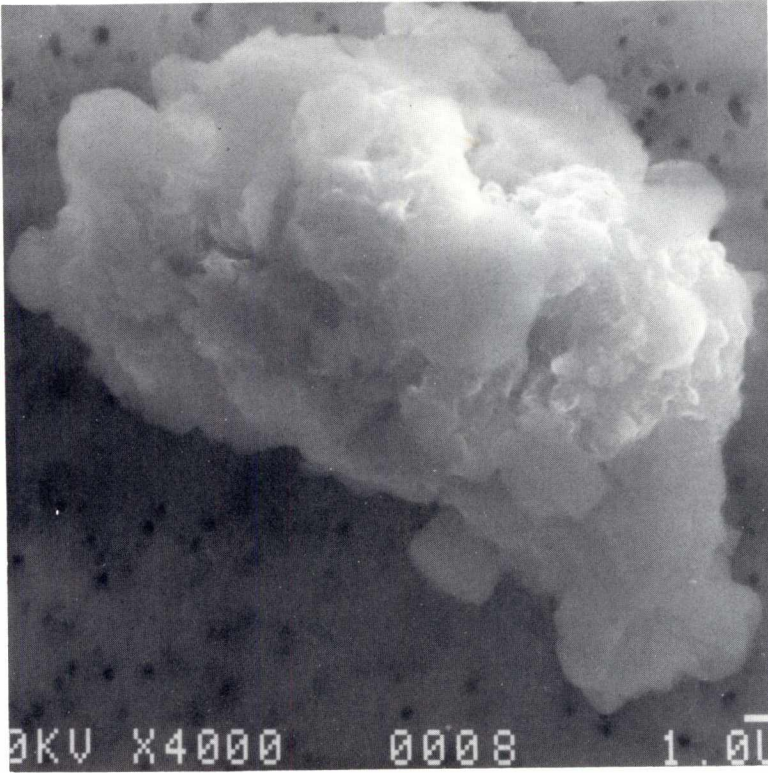


SIZE: 17x13  
SHAPE: E  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SM/D  
TYPE: TCN?  
COMMENTS:

S-91-32362

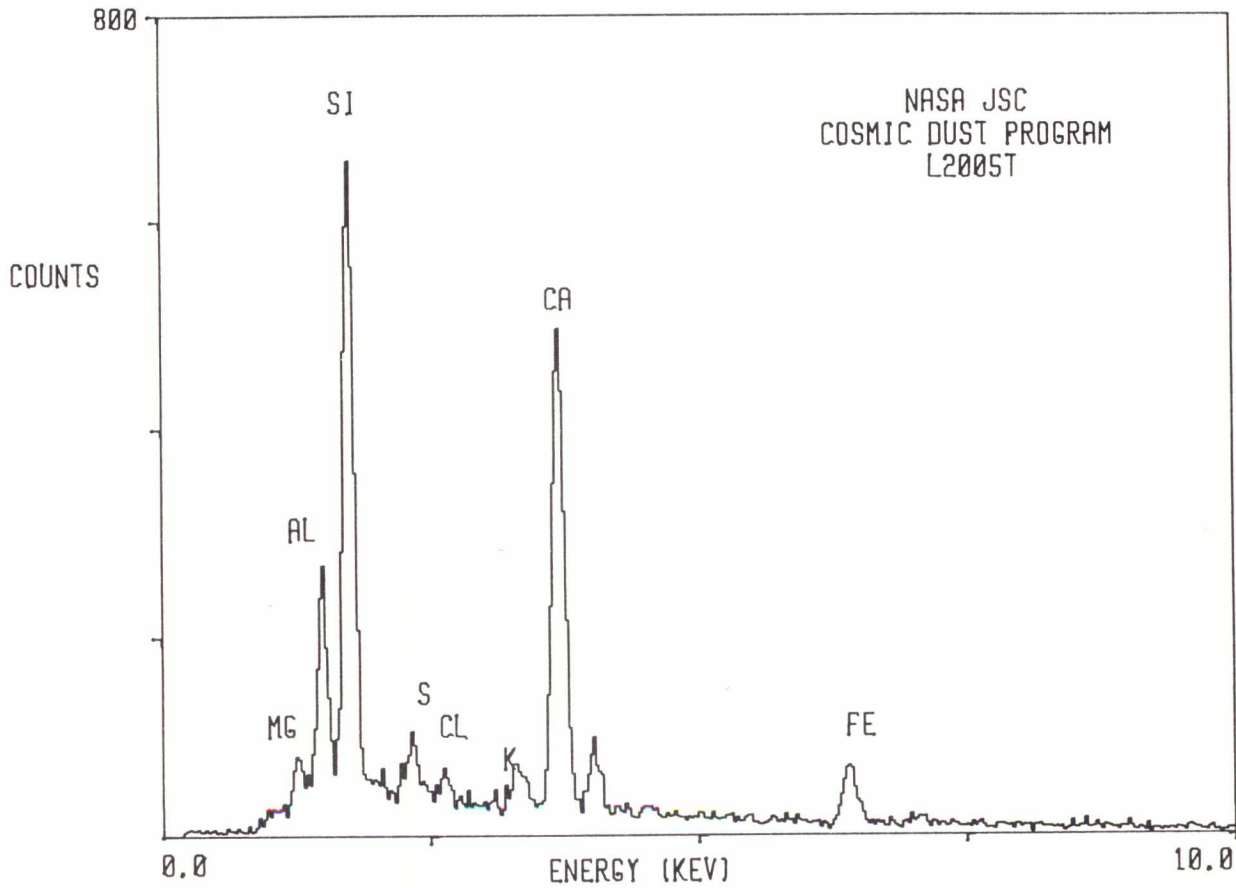


L2005 T 6

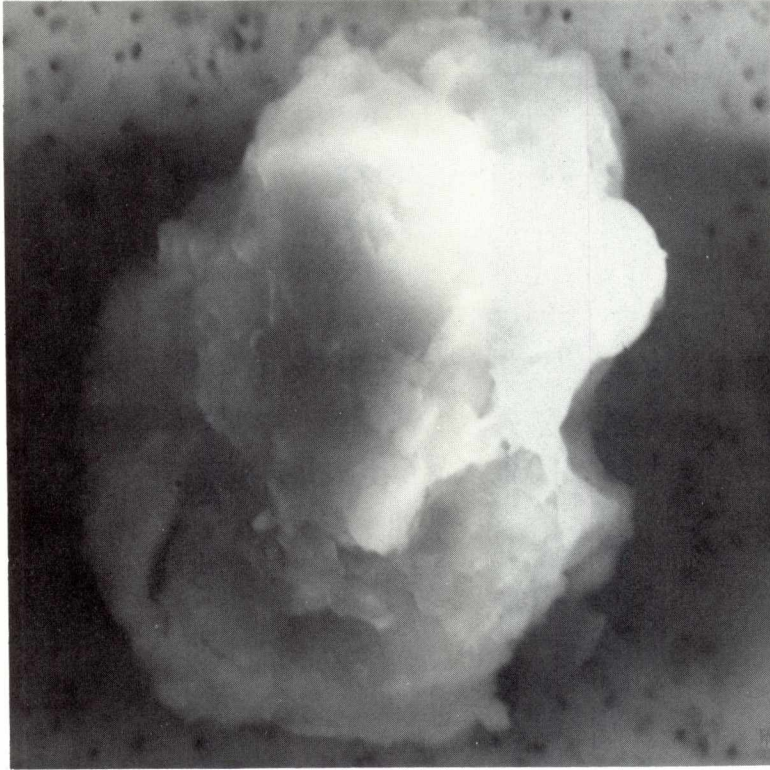


SIZE: 20x15  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SM/D  
TYPE: TCN  
COMMENTS:

S-91-32363

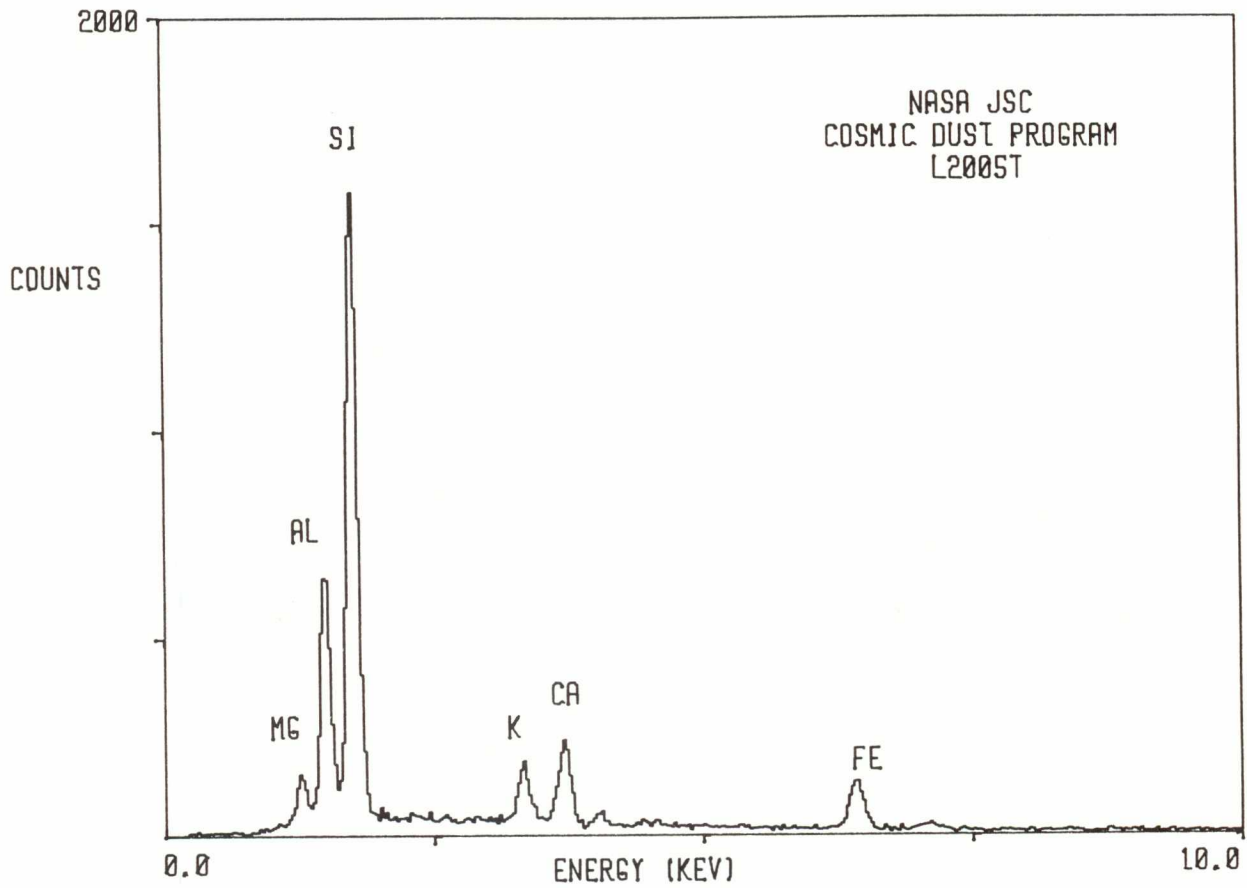


L2005 T 7

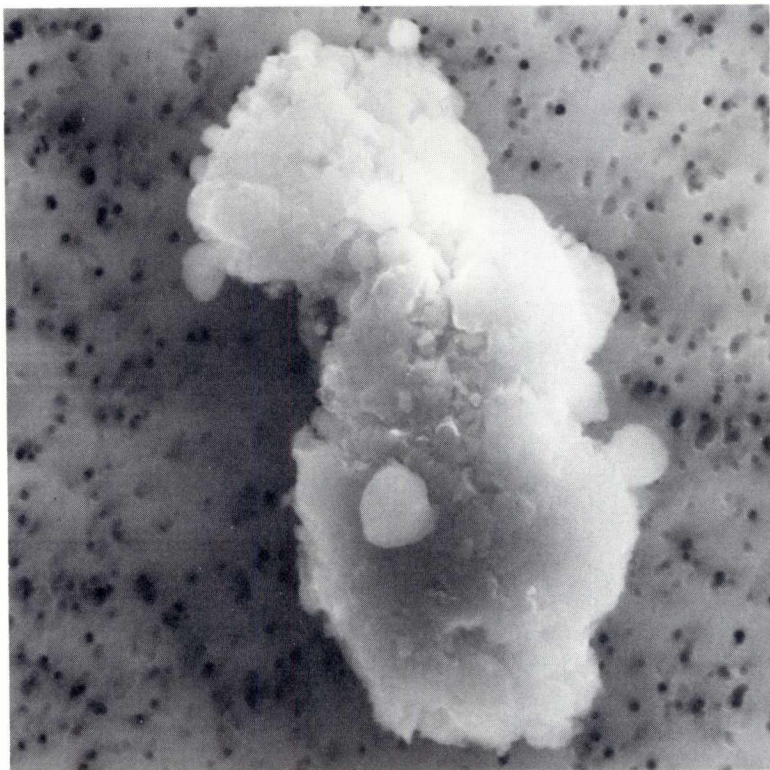


SIZE: 25x18  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: D/SV  
TYPE: TCN  
COMMENTS:

S-91-32364

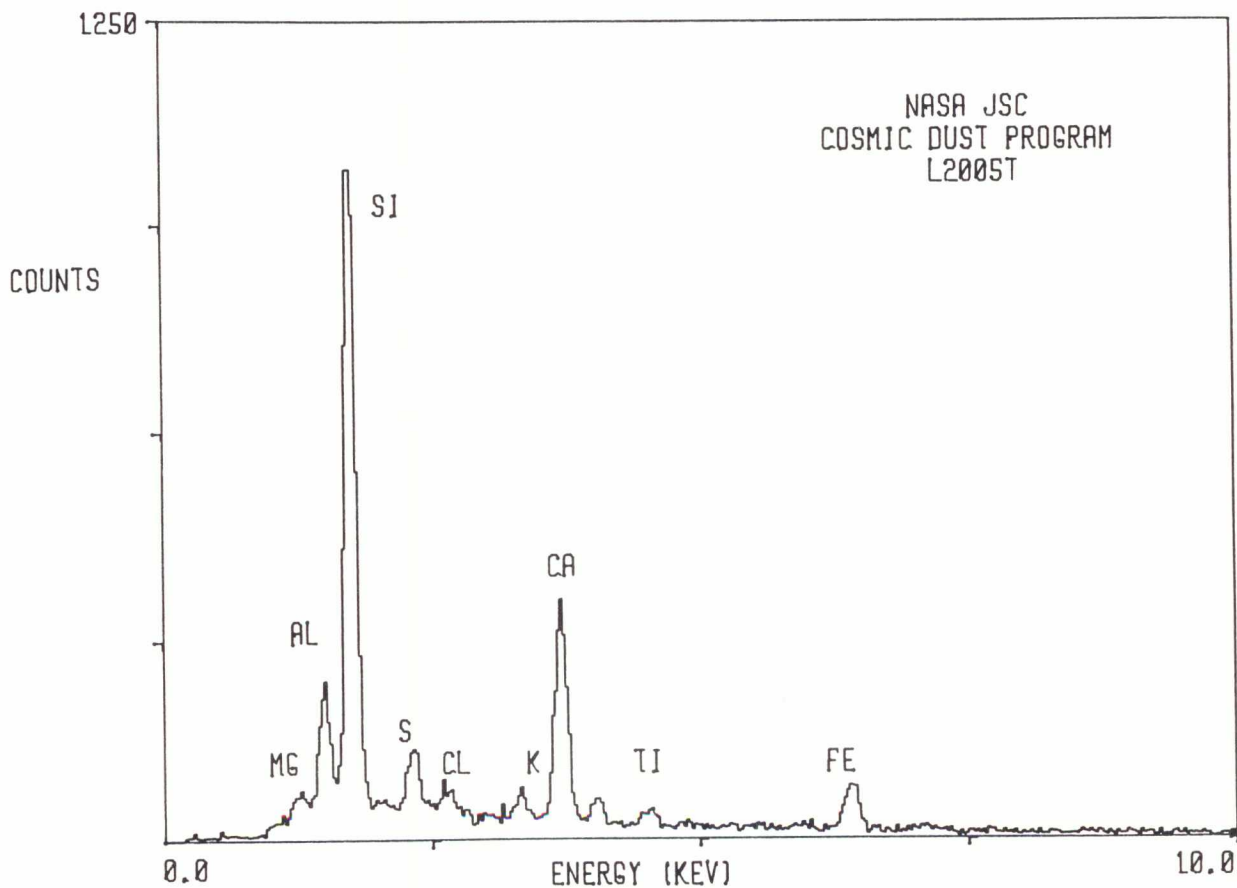


L2005 T 8

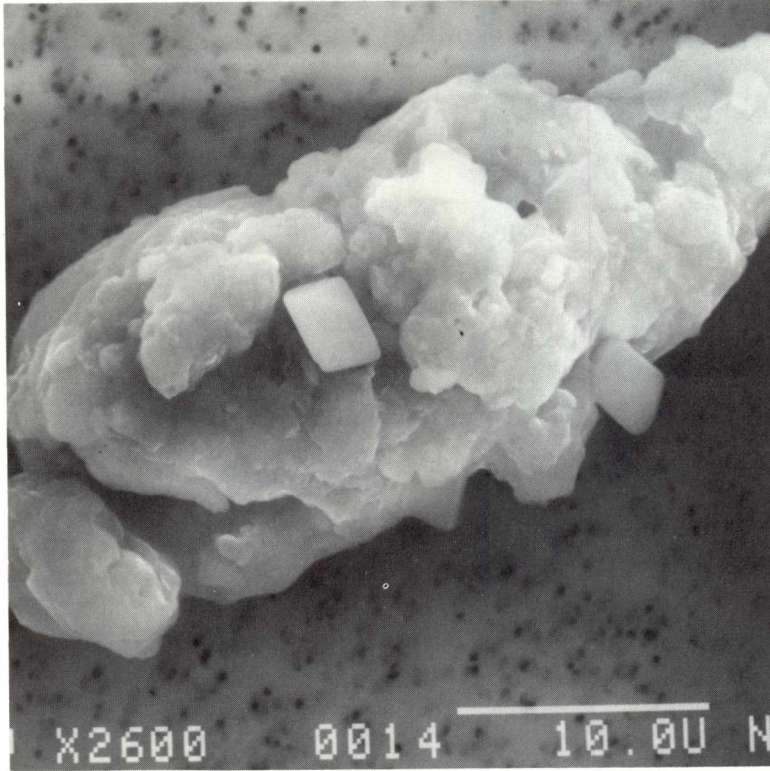


SIZE: 25x13  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: D/SV  
TYPE: TCN  
COMMENTS:

S-91-32365

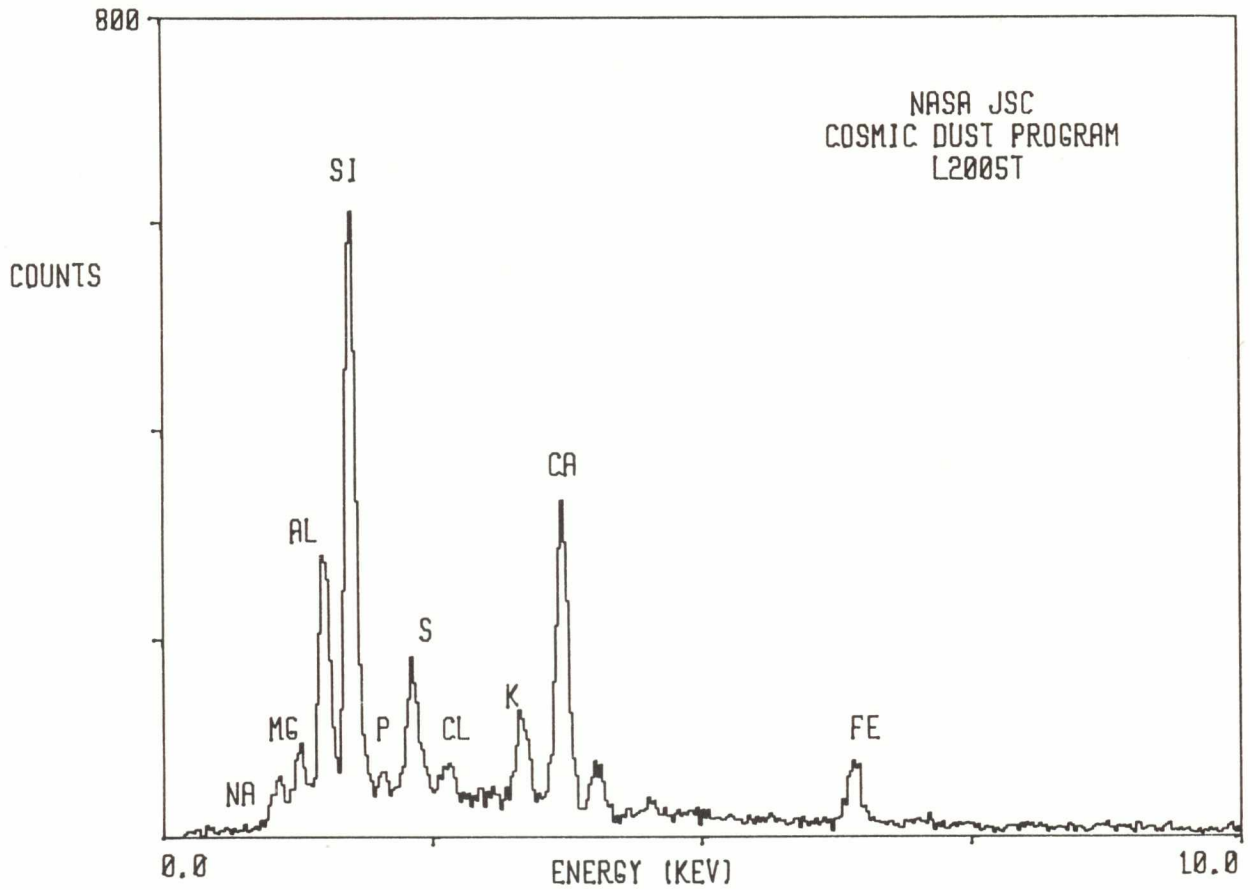


L2005 T 10

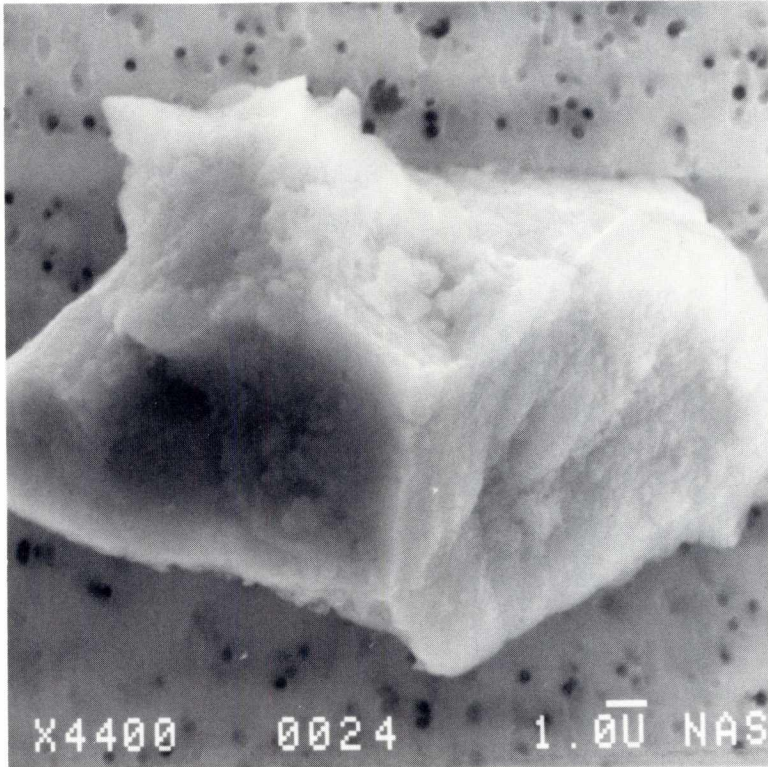


SIZE: 40x20  
SHAPE: I  
TRANS.: O/TL  
COLOR: Black to Grey  
LUSTER: SM/SV  
TYPE: TCN?  
COMMENTS:

S-91-32367

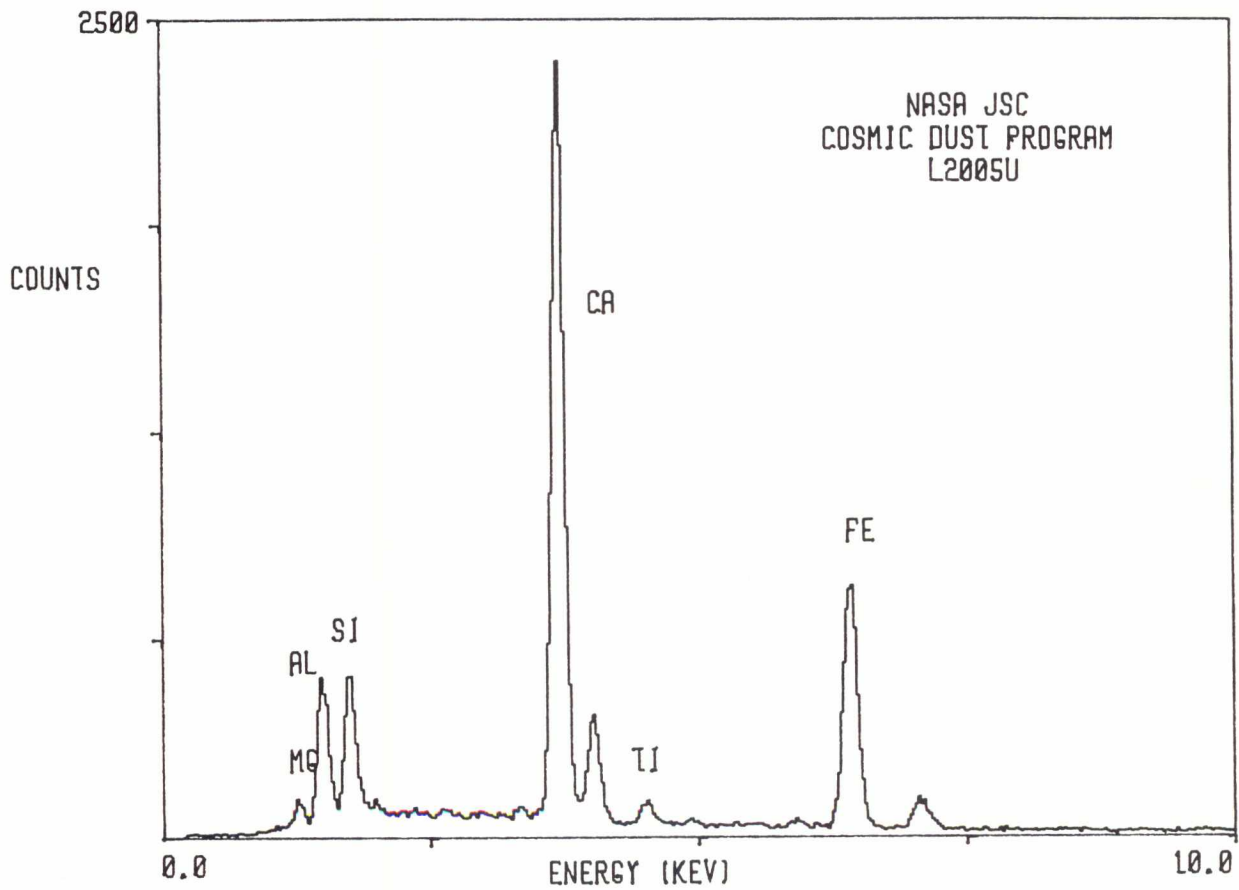


L2005 U 3

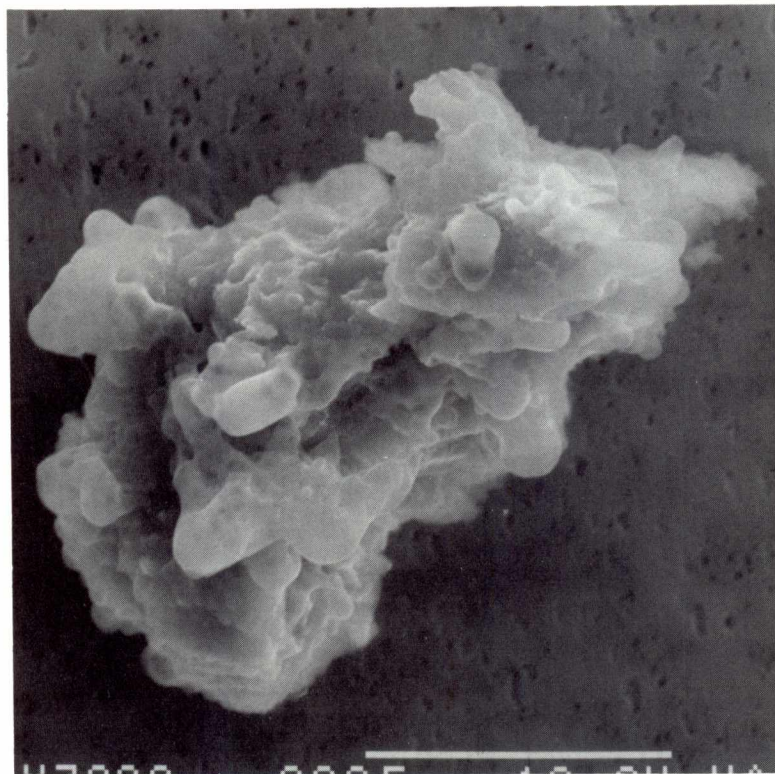


SIZE: 40x27  
SHAPE: E/I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: V  
TYPE: TCN?  
COMMENTS:

S-91-32328

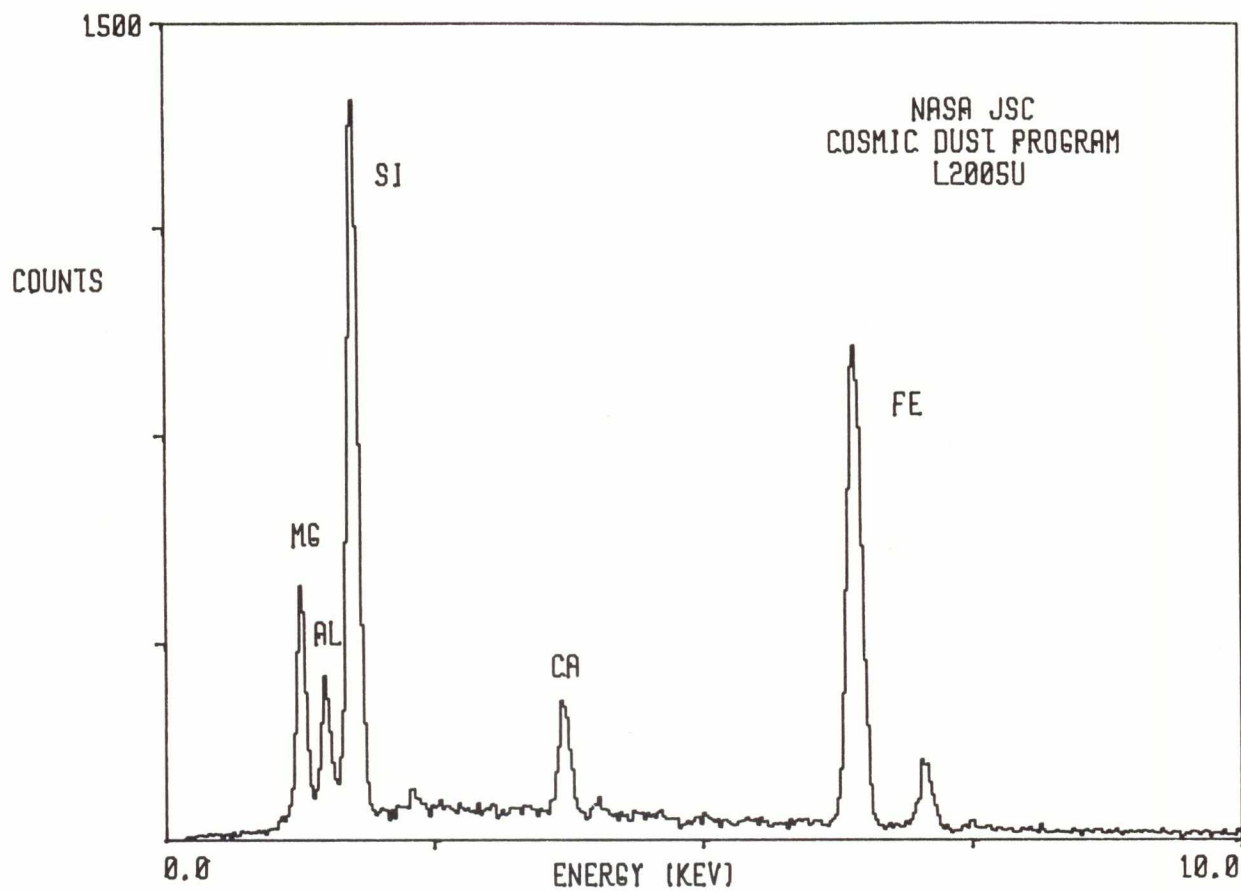


L2005 U 4

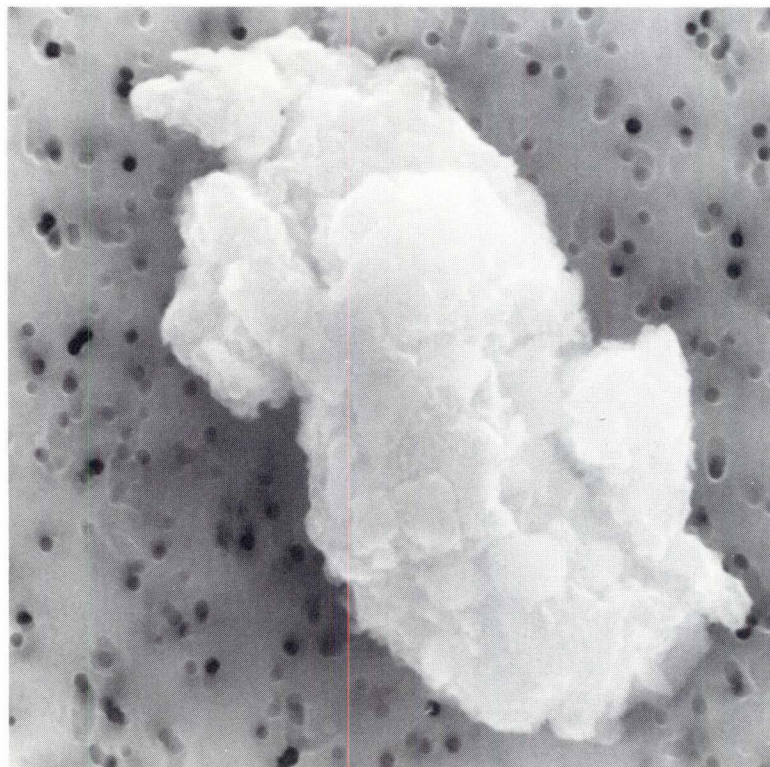


SIZE: 27x17  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SM/SV  
TYPE: TCN?  
COMMENTS:

S-91-32329

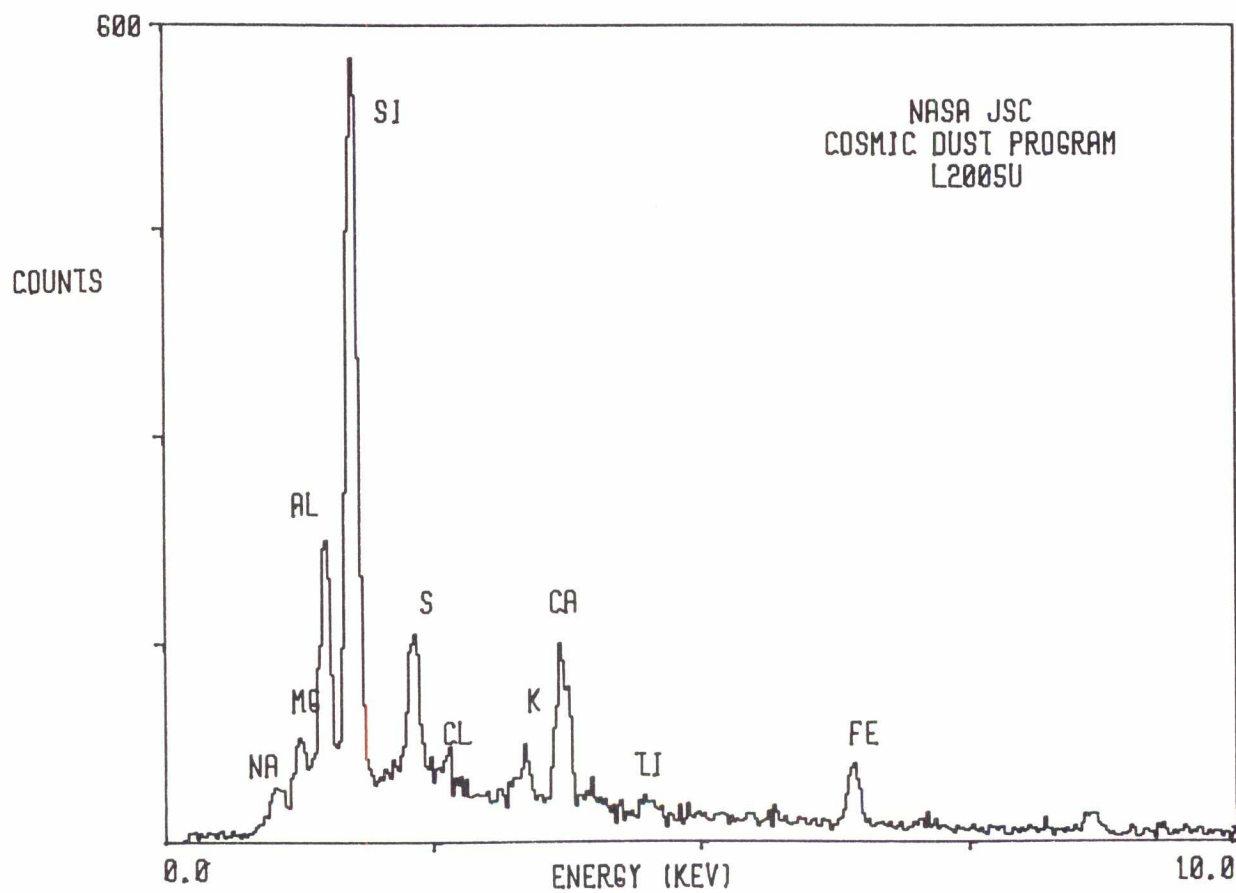


L2005 U 12



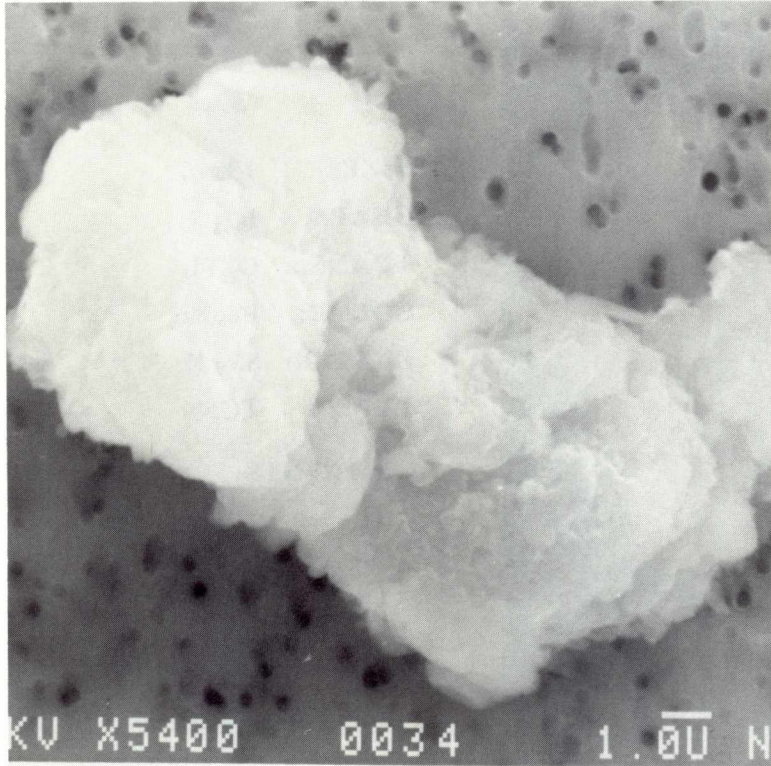
SIZE: 15x8  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SM/D  
TYPE: TCN  
COMMENTS:

S-91-32337



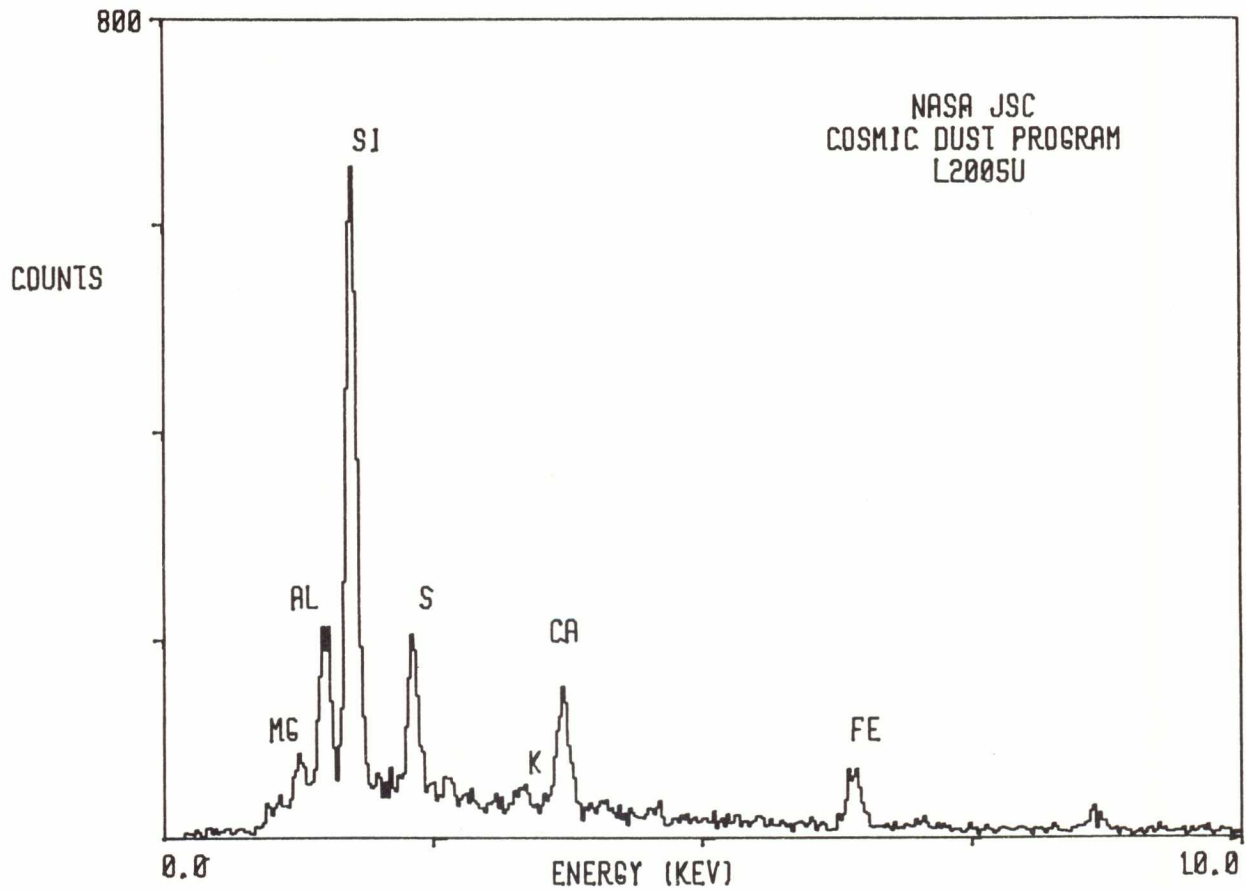


L2005 U 13

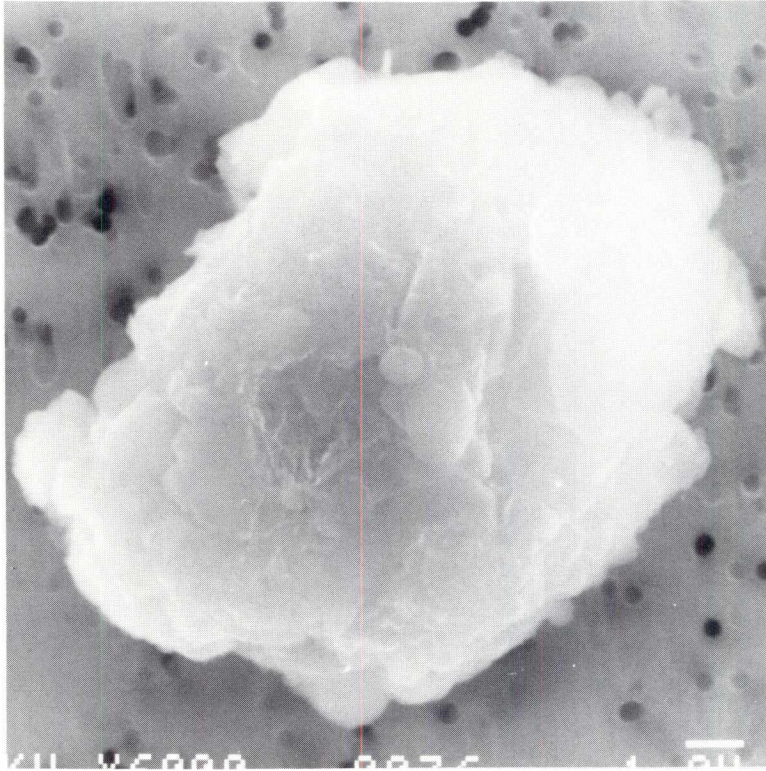


SIZE: 16x11  
SHAPE: I  
TRANS.: O/TL  
COLOR: Black to Brown  
LUSTER: SV/D  
TYPE: TCN?  
COMMENTS:

S-91-32338

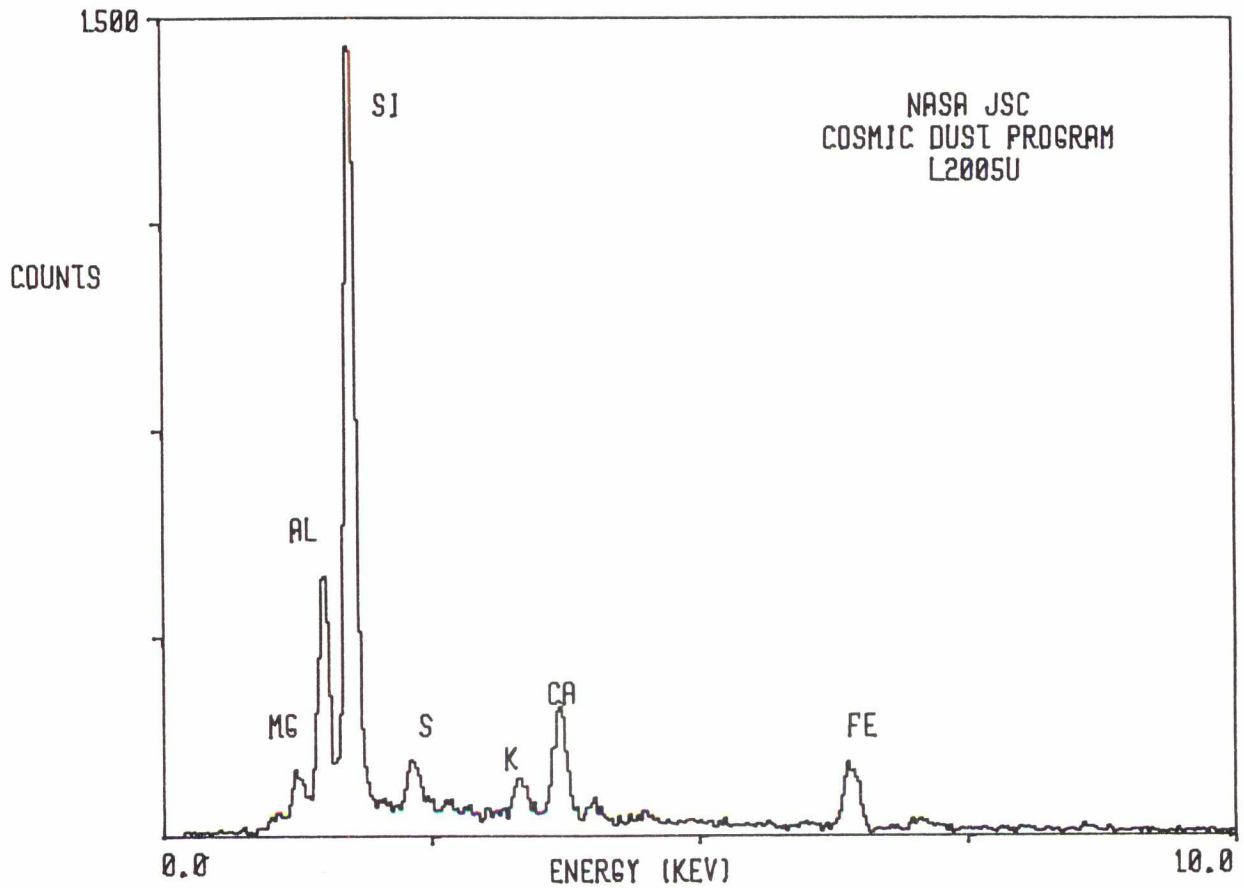


L2005 U 15

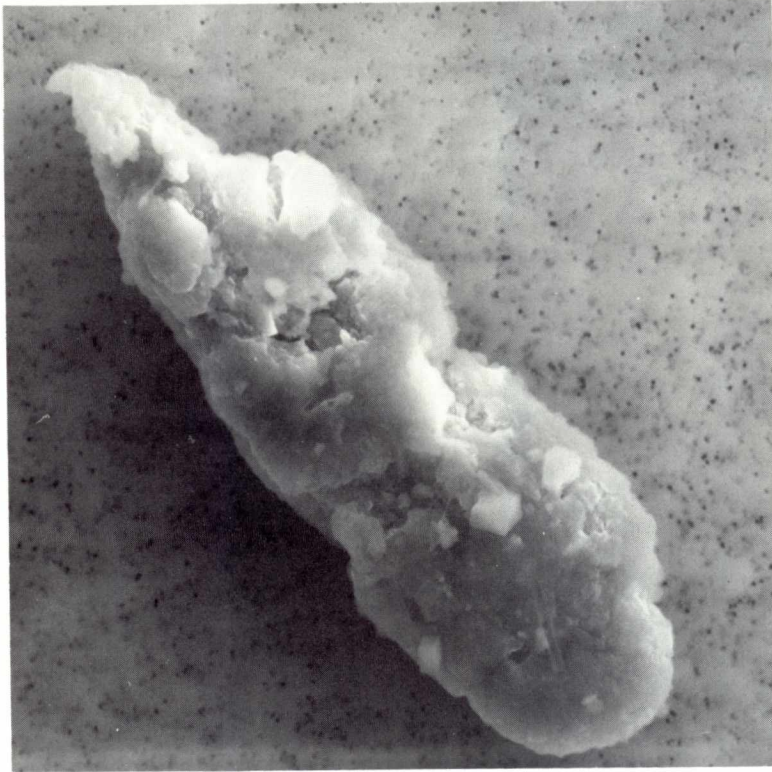


SIZE: 13x10  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV/D  
TYPE: TCN  
COMMENTS:

S-91-32340

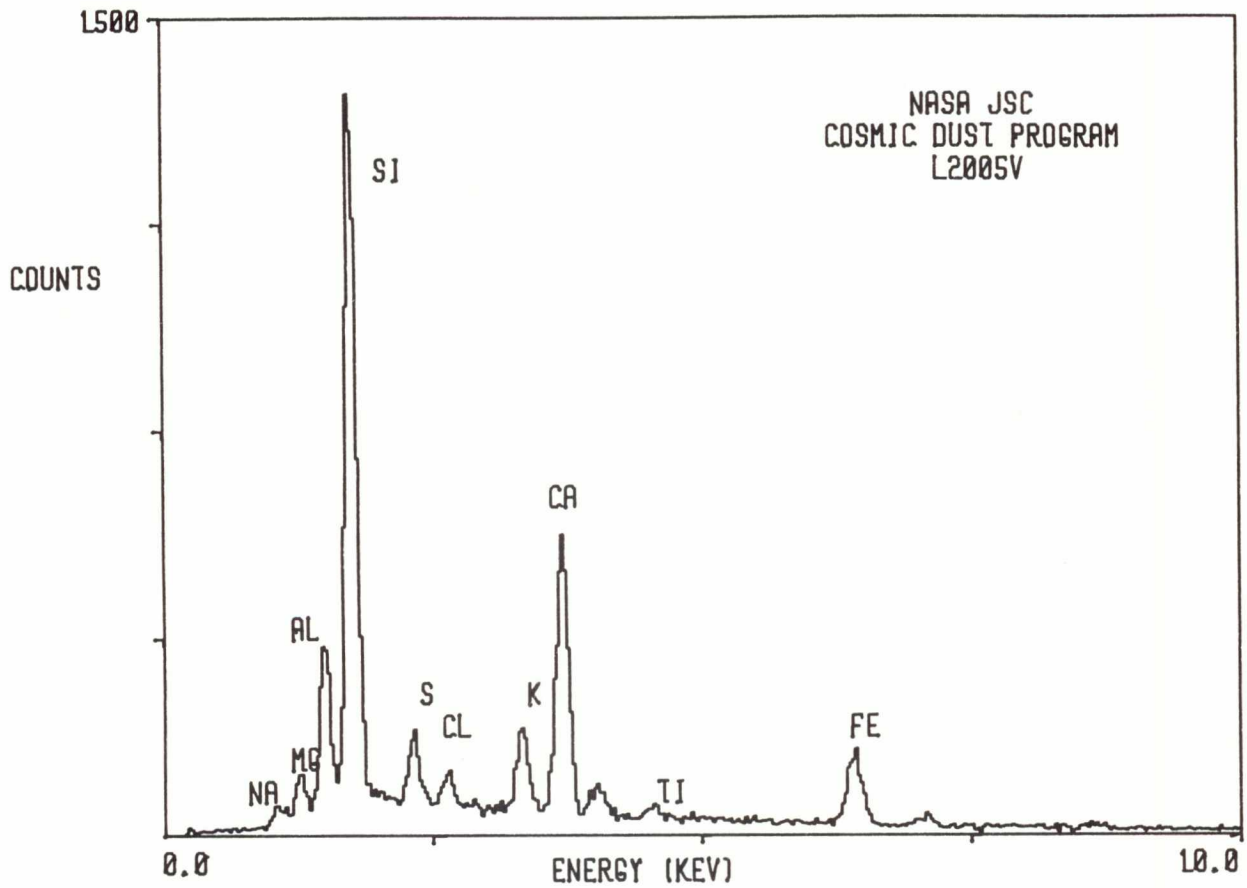


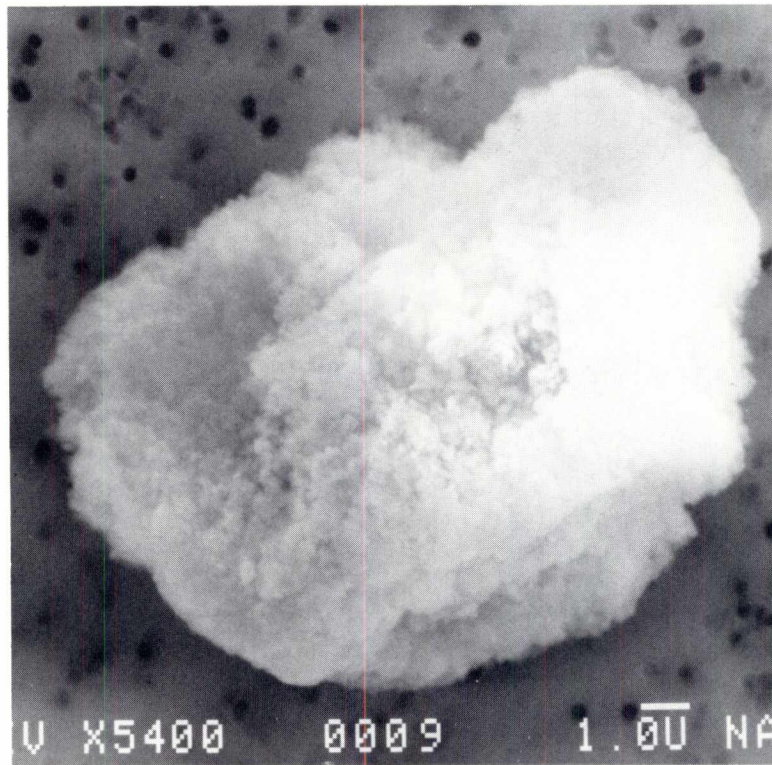
L2005 V 1



SIZE: 70x22  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SV  
TYPE: TCN  
COMMENTS:

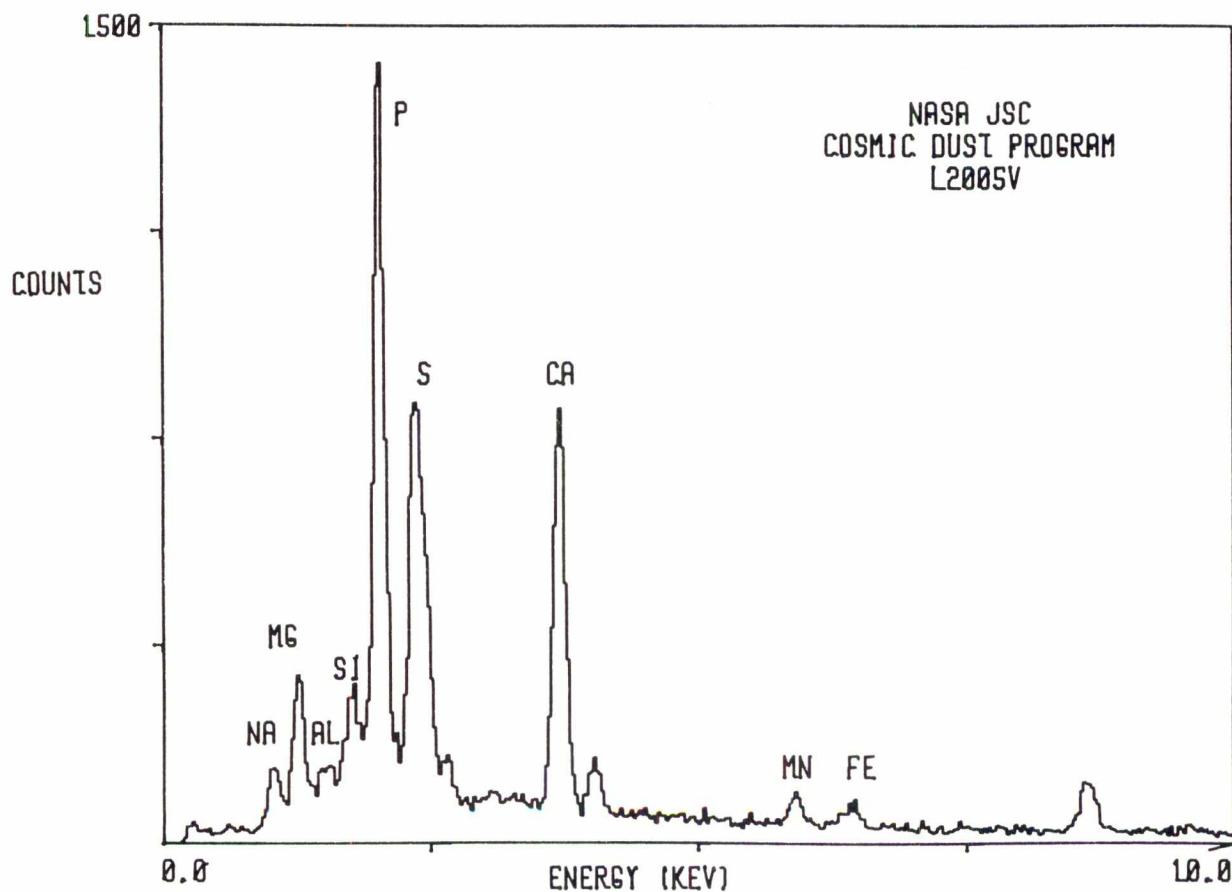
S-91-32289



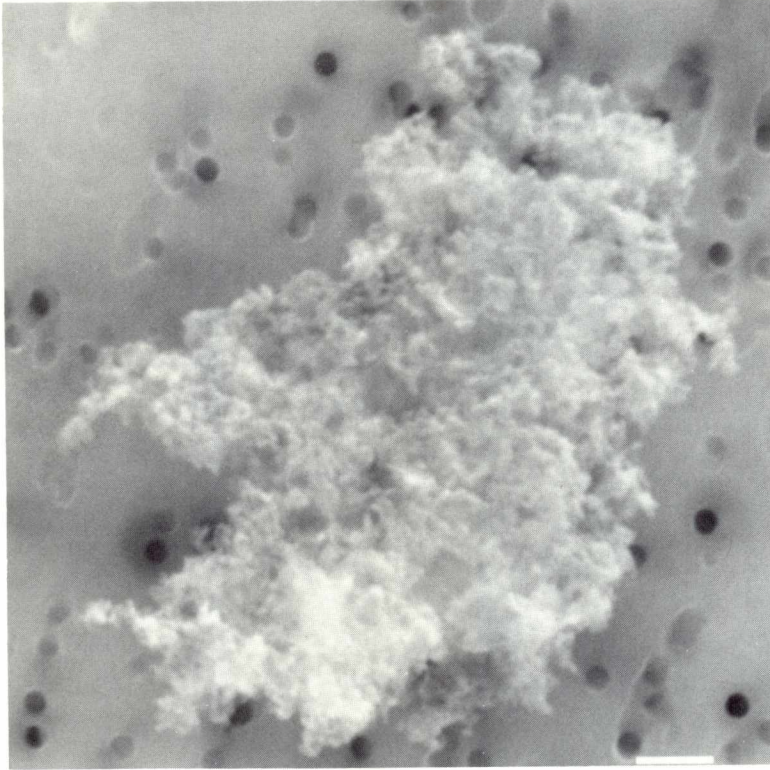


SIZE: 21x13  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown to Grey  
LUSTER: SV  
TYPE: TCN?  
COMMENTS:

S-91-32295

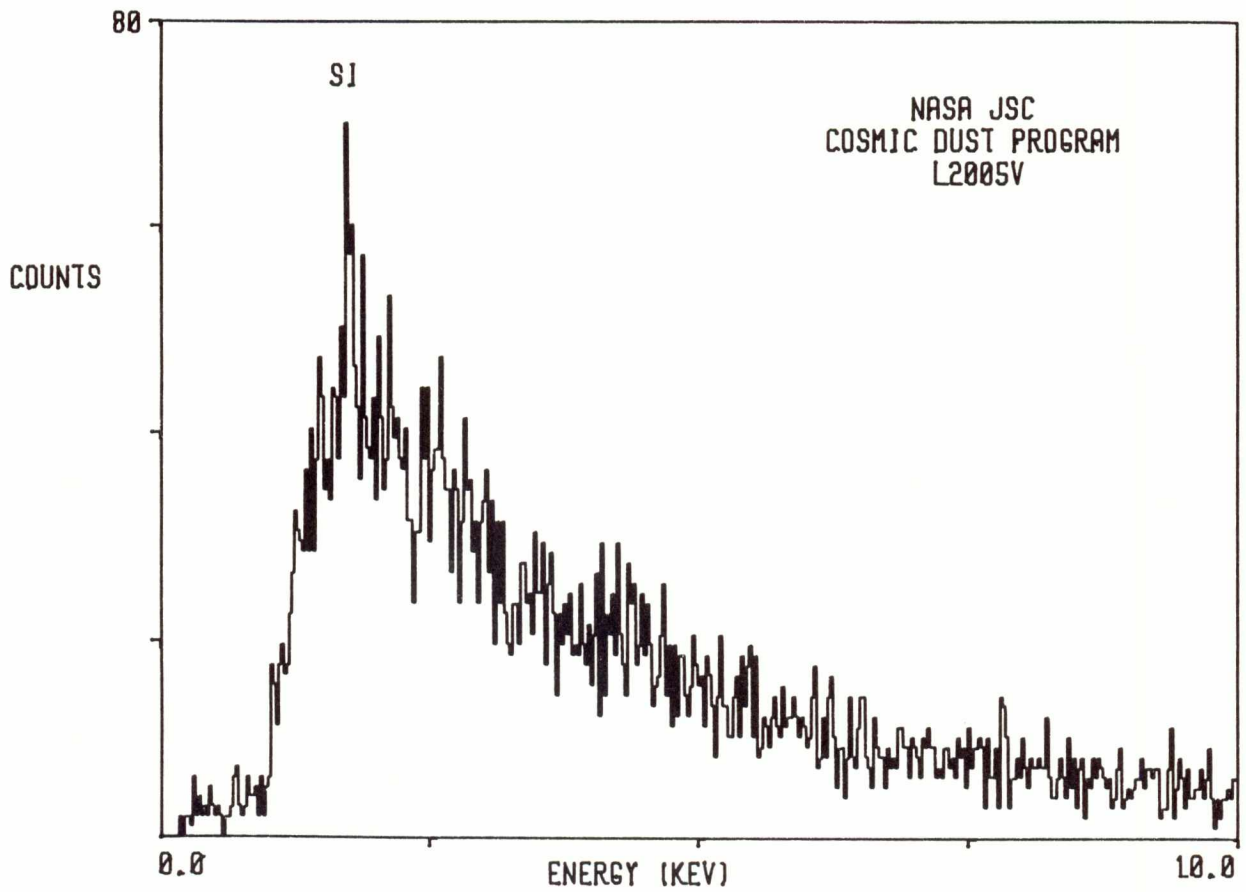


L2005 V 8

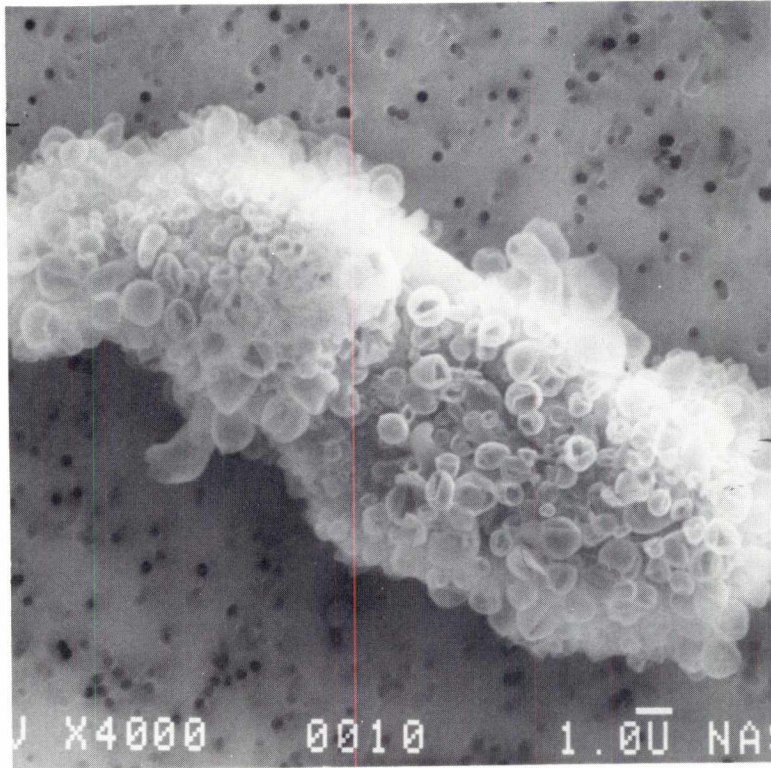


**SIZE:** 10x7  
**SHAPE:** I  
**TRANS.:** O  
**COLOR:** Black to Grey  
**LUSTER:** D  
**TYPE:** TCN?  
**COMMENTS:**

S-91-32296

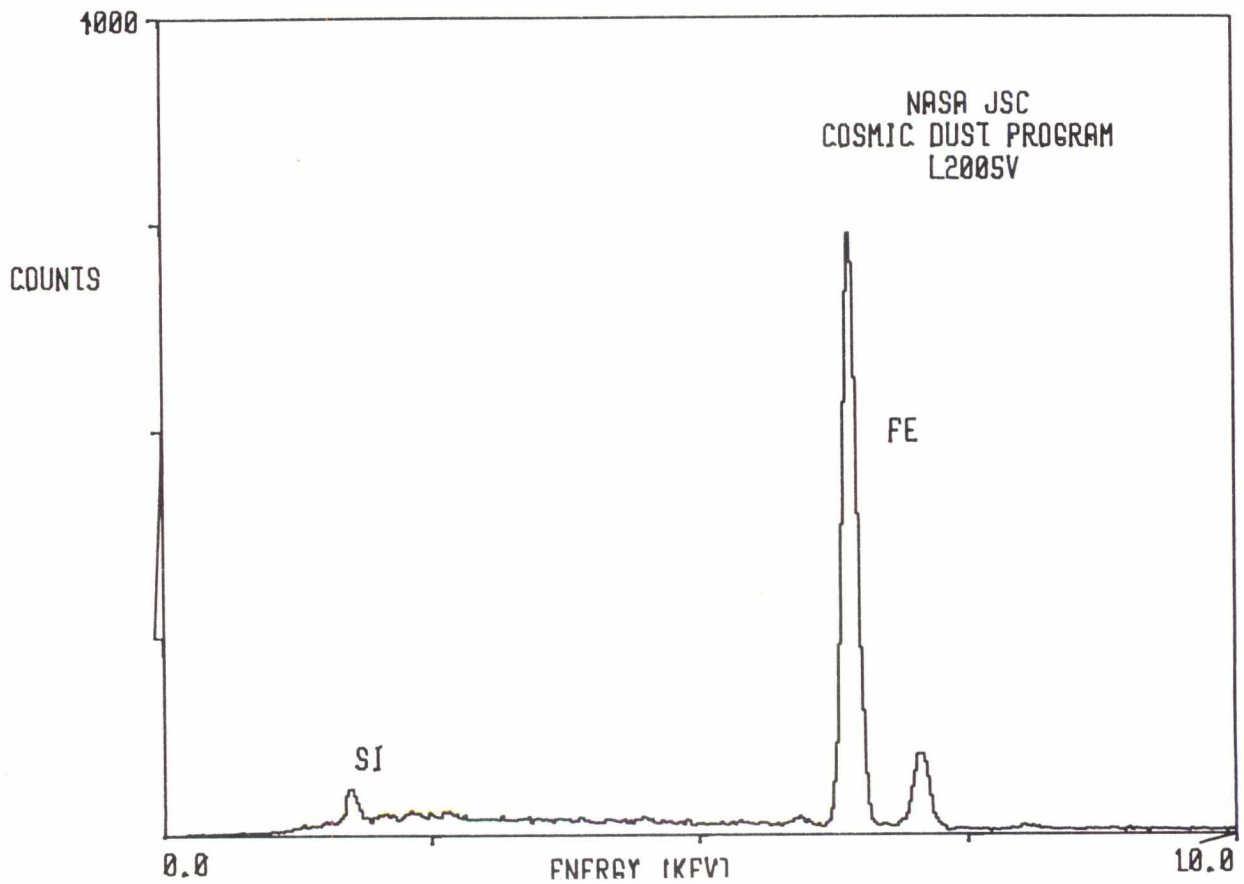


L2005 V 9

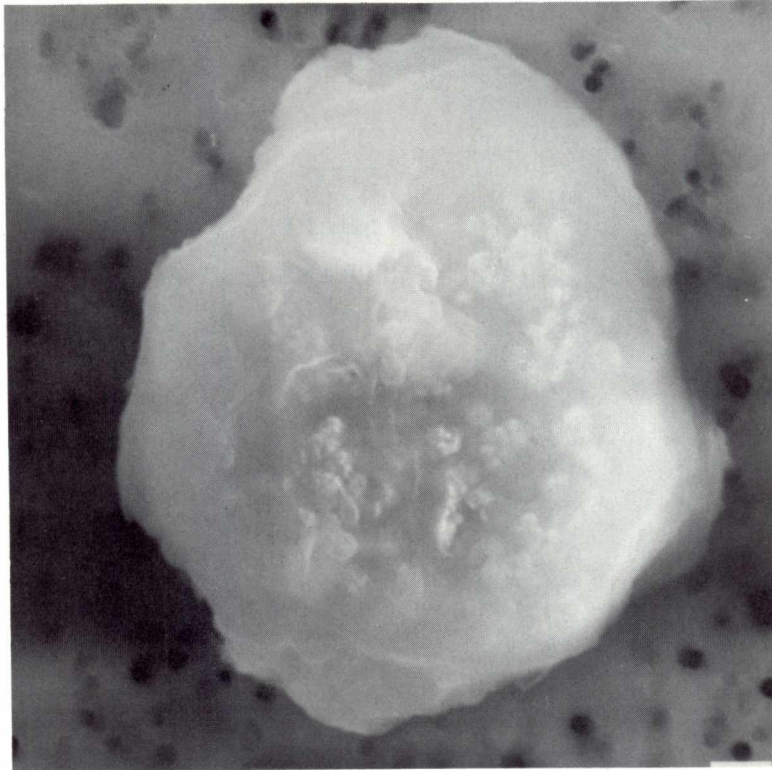


SIZE: 22x20  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM  
TYPE: TCN?  
COMMENTS:

S-91-32297

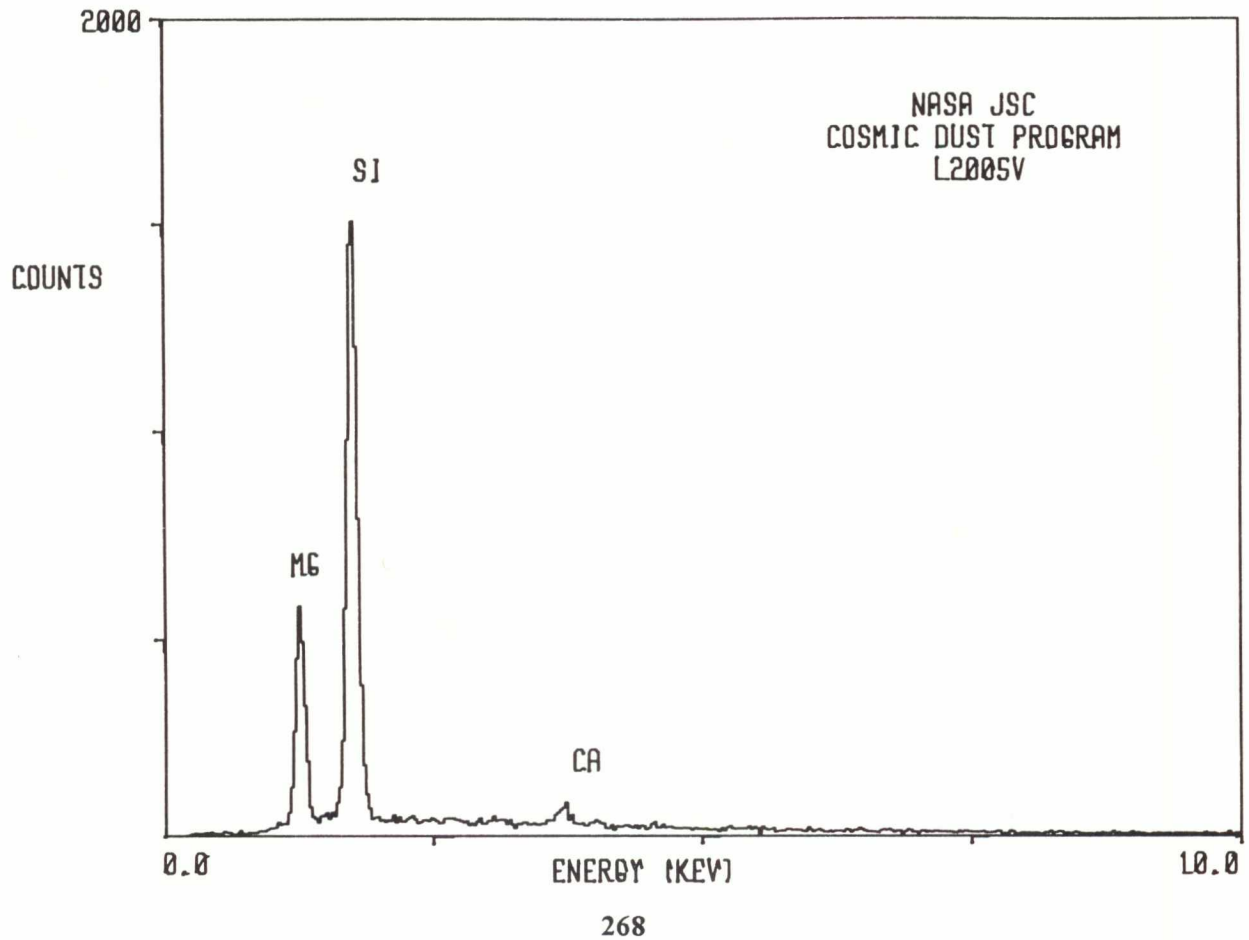


L2005 V 14

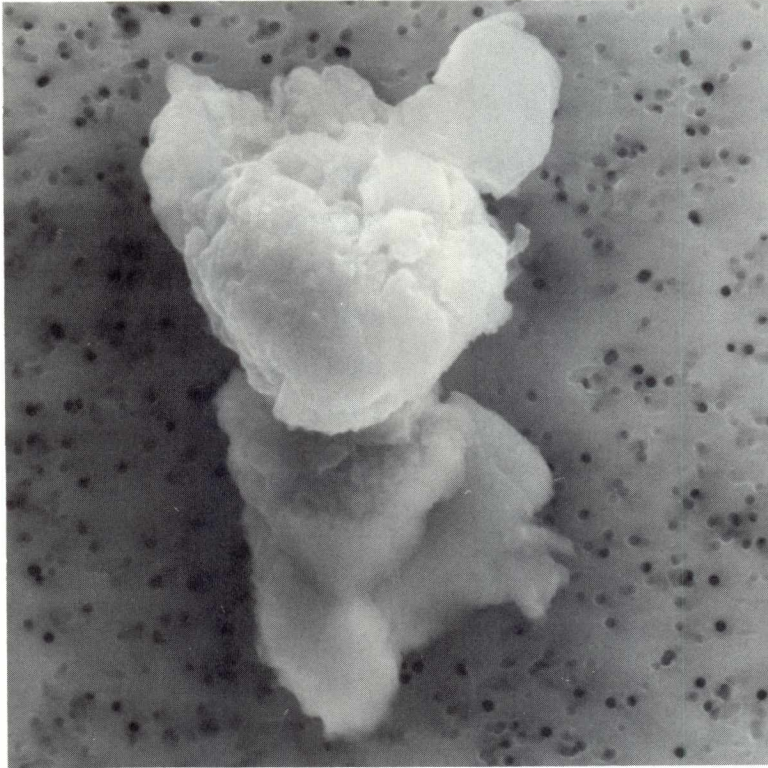


SIZE: 12x11  
SHAPE: E/S  
TRANS.: TL  
COLOR: Brown  
LUSTER: V  
TYPE: TCN?  
COMMENTS:

S-91-32302

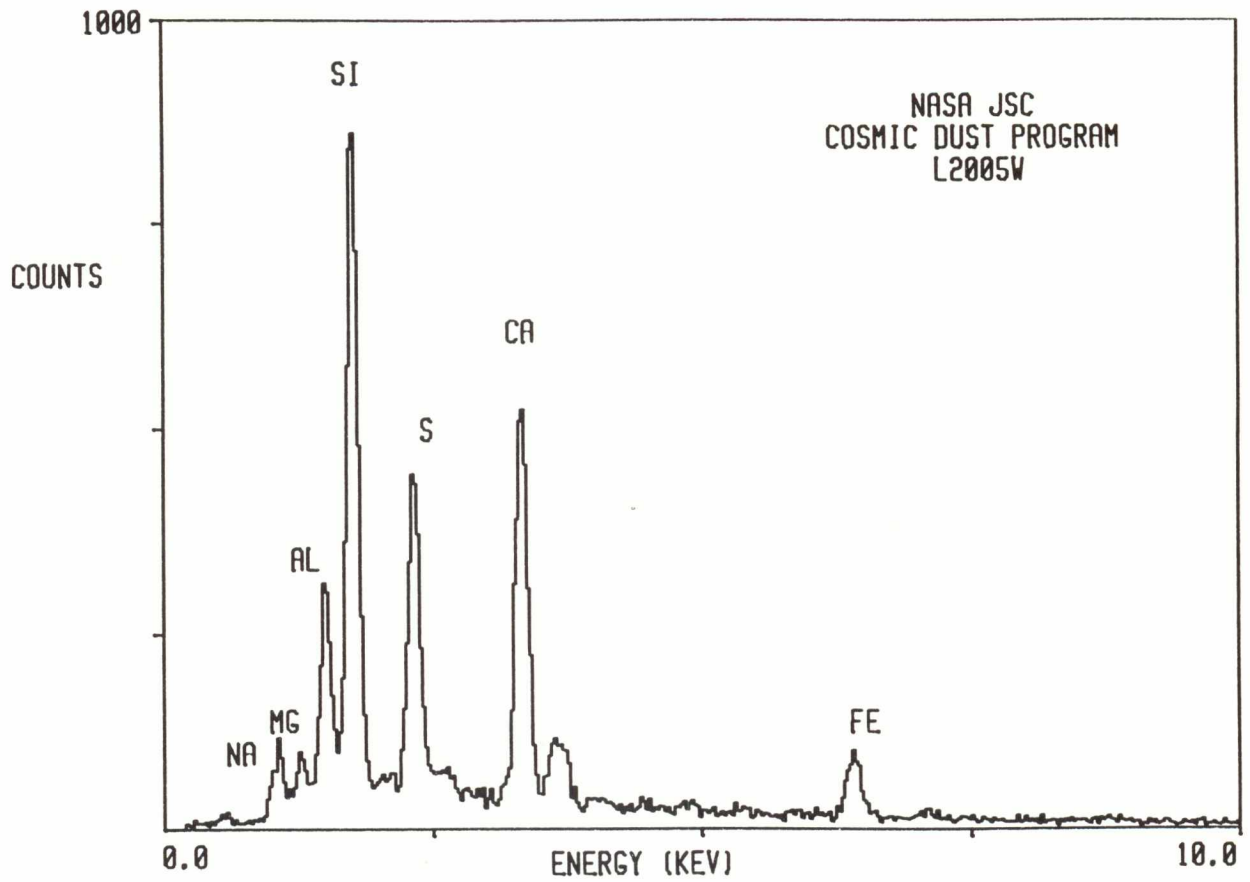


L2005 W 5



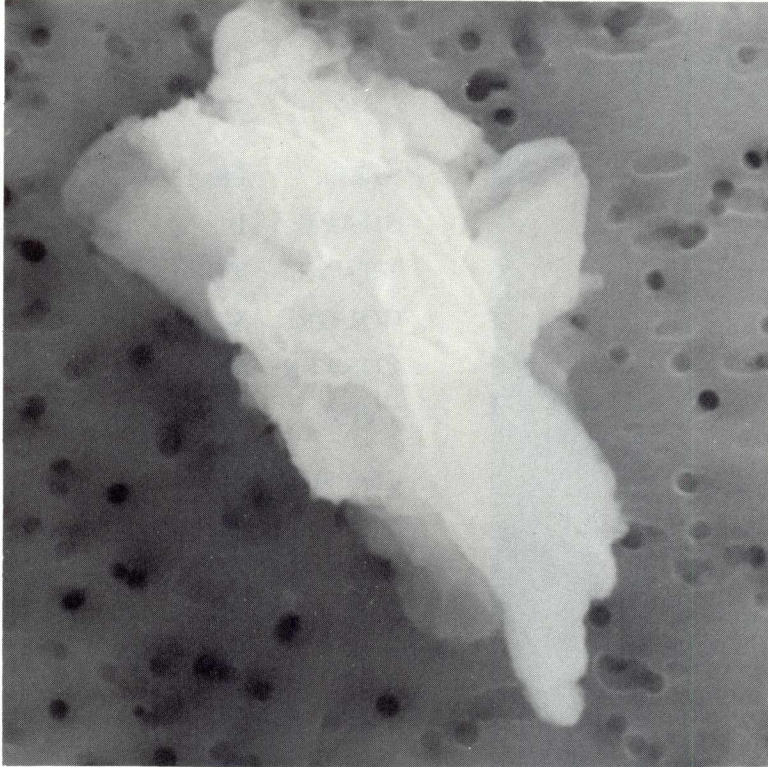
SIZE: 24x13  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: V  
TYPE: TCN  
COMMENTS:

S-91-32347



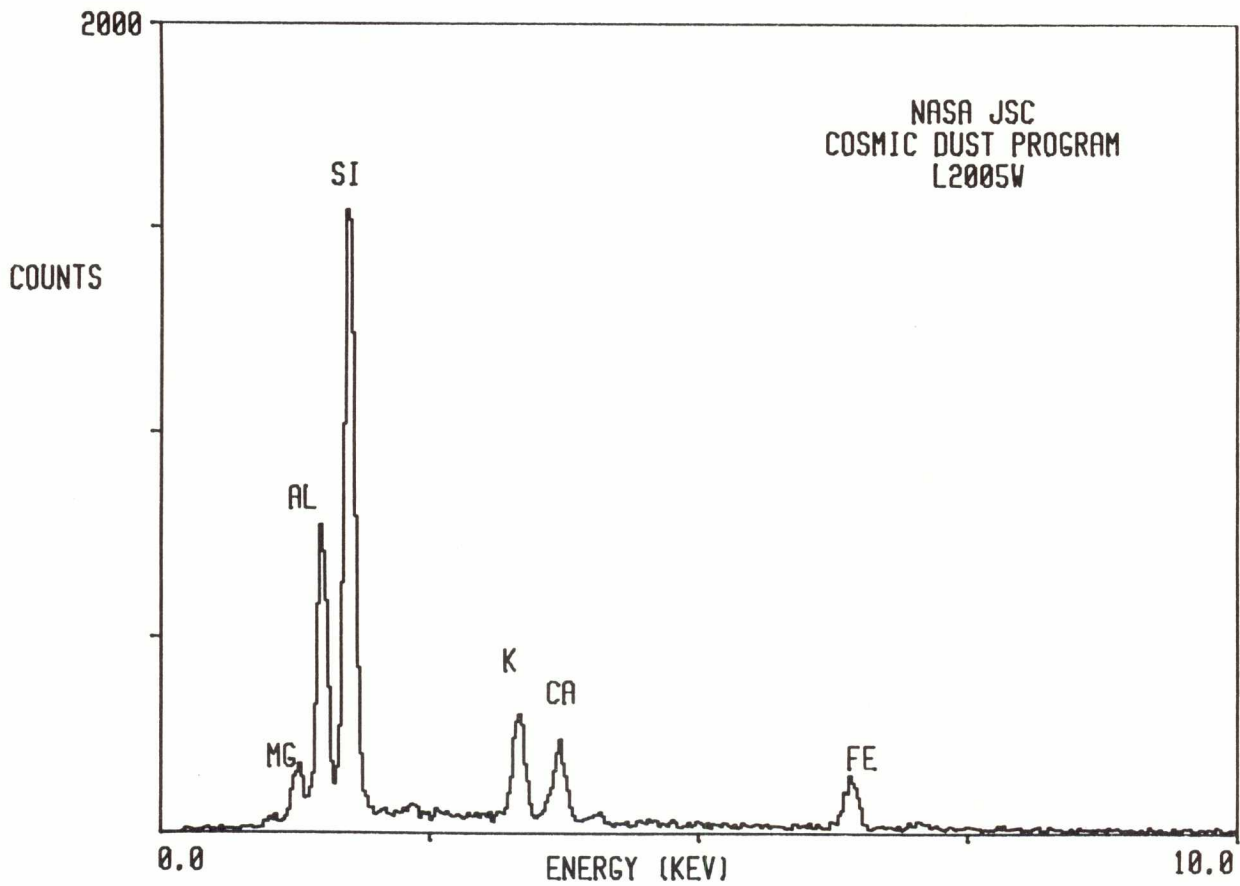


L2005 W 6

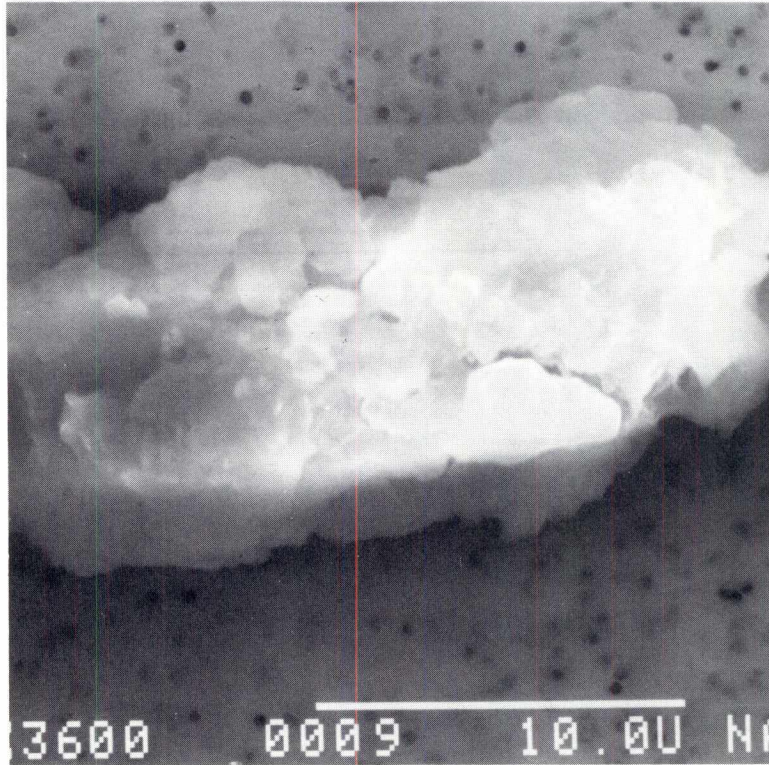


SIZE: 10x6  
SHAPE: I  
TRANS.: TL  
COLOR: Yellow  
LUSTER: V  
TYPE: TCN  
COMMENTS:

S-91-32348

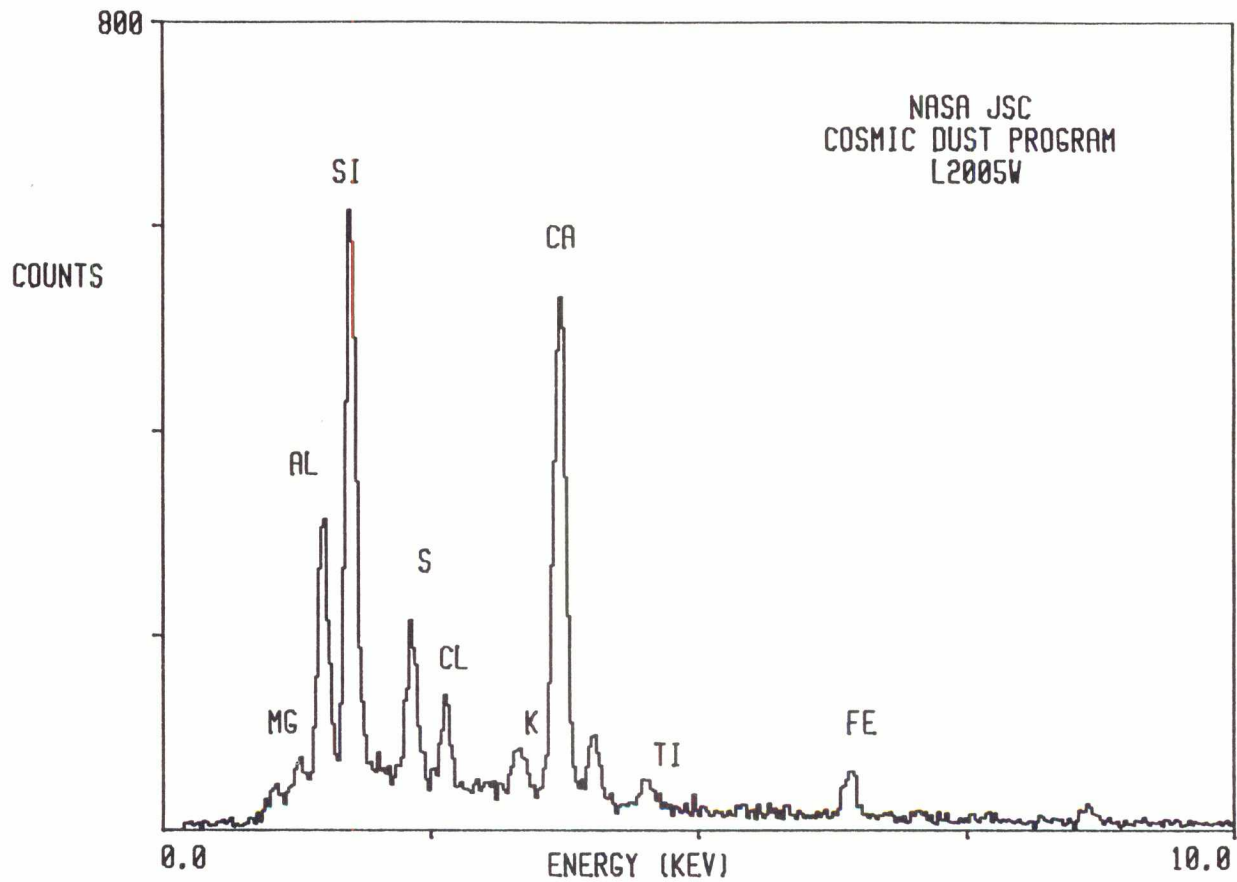


L2005 W 9

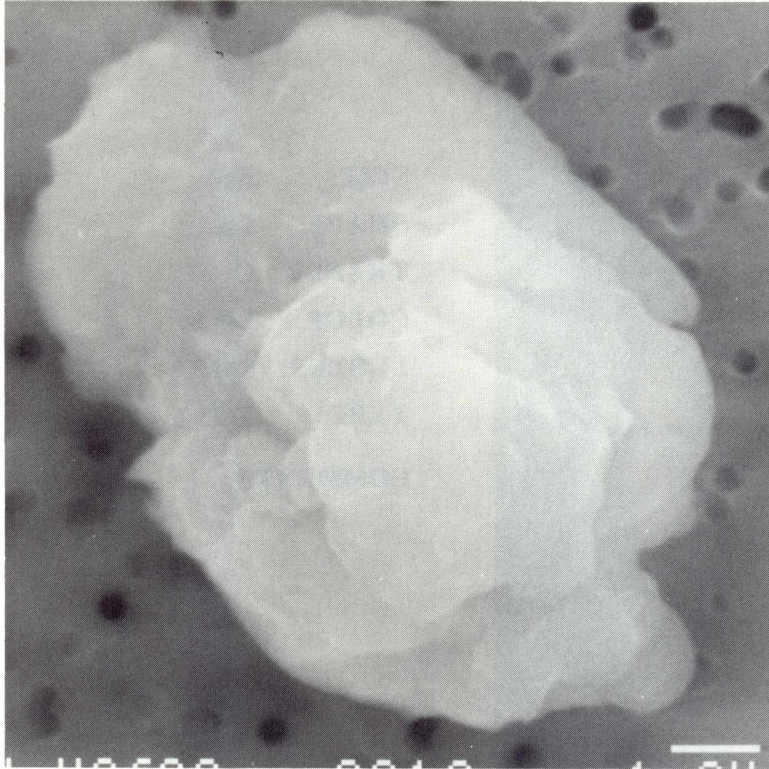


SIZE: 28x13  
SHAPE: I  
TRANS.: TL  
COLOR: Yellow  
LUSTER: V  
TYPE: TCN  
COMMENTS:

S-91-32351

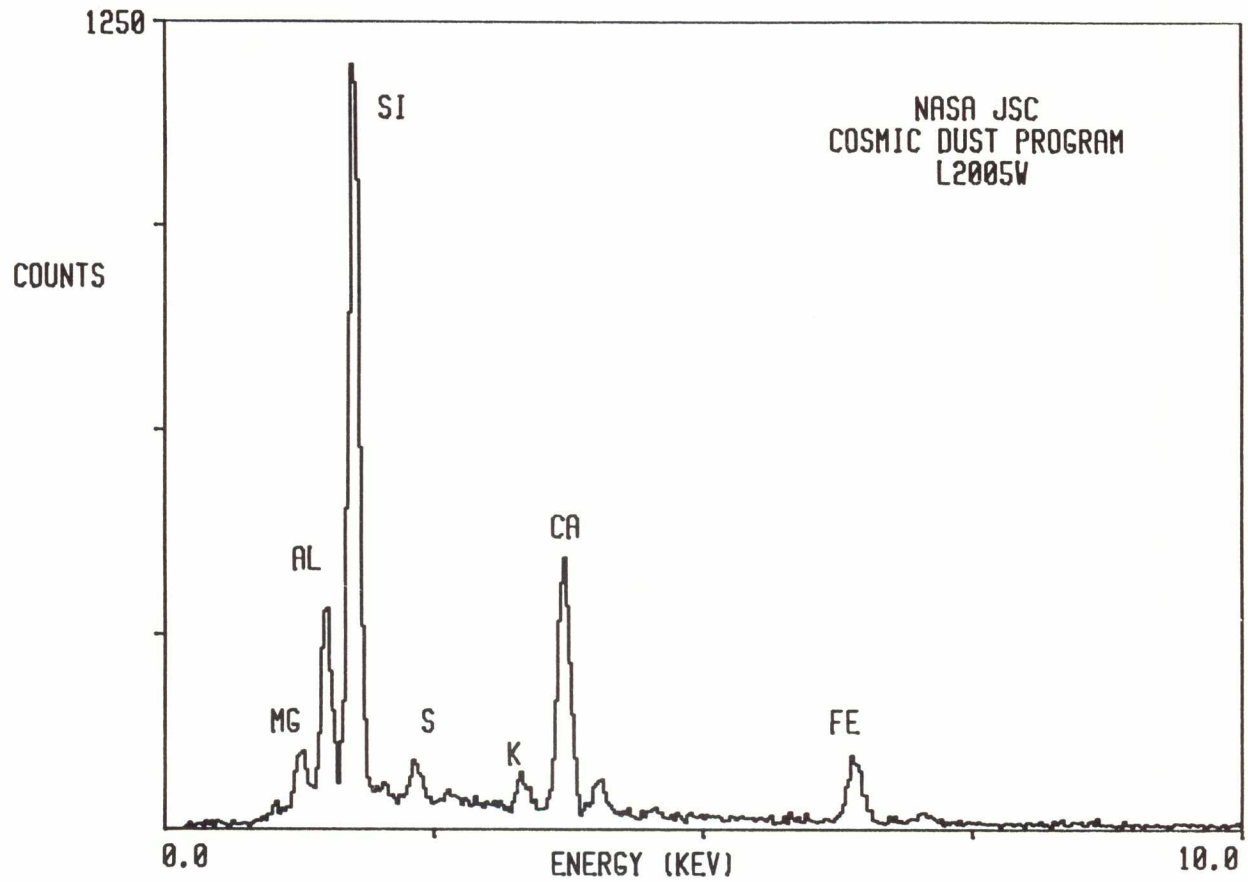


L2005 W 10

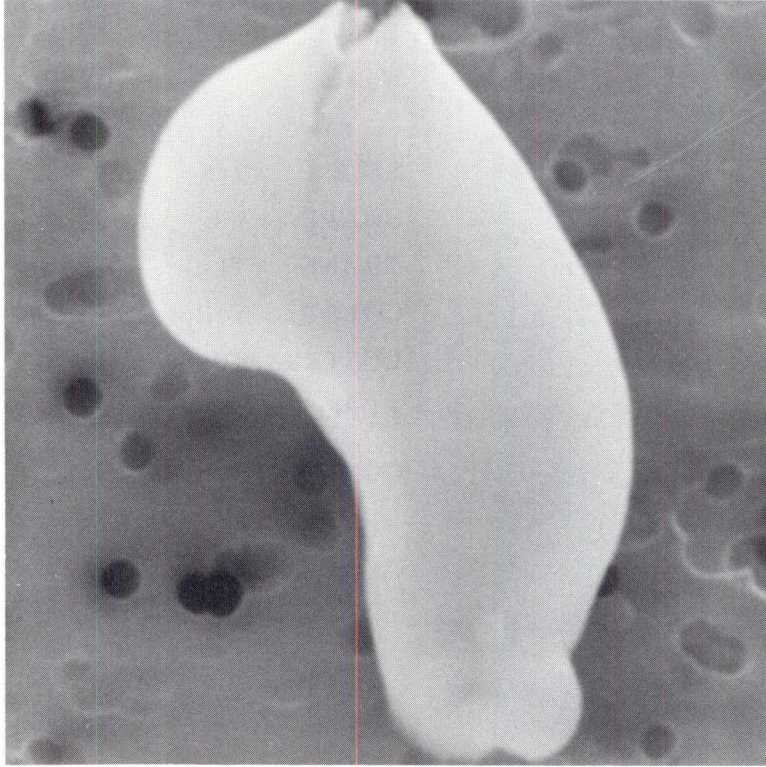


SIZE: 9x6  
SHAPE: I/E  
TRANS.: TL  
COLOR: Yellow to Brown  
LUSTER: SV  
TYPE: TCN  
COMMENTS:

S-91-32352

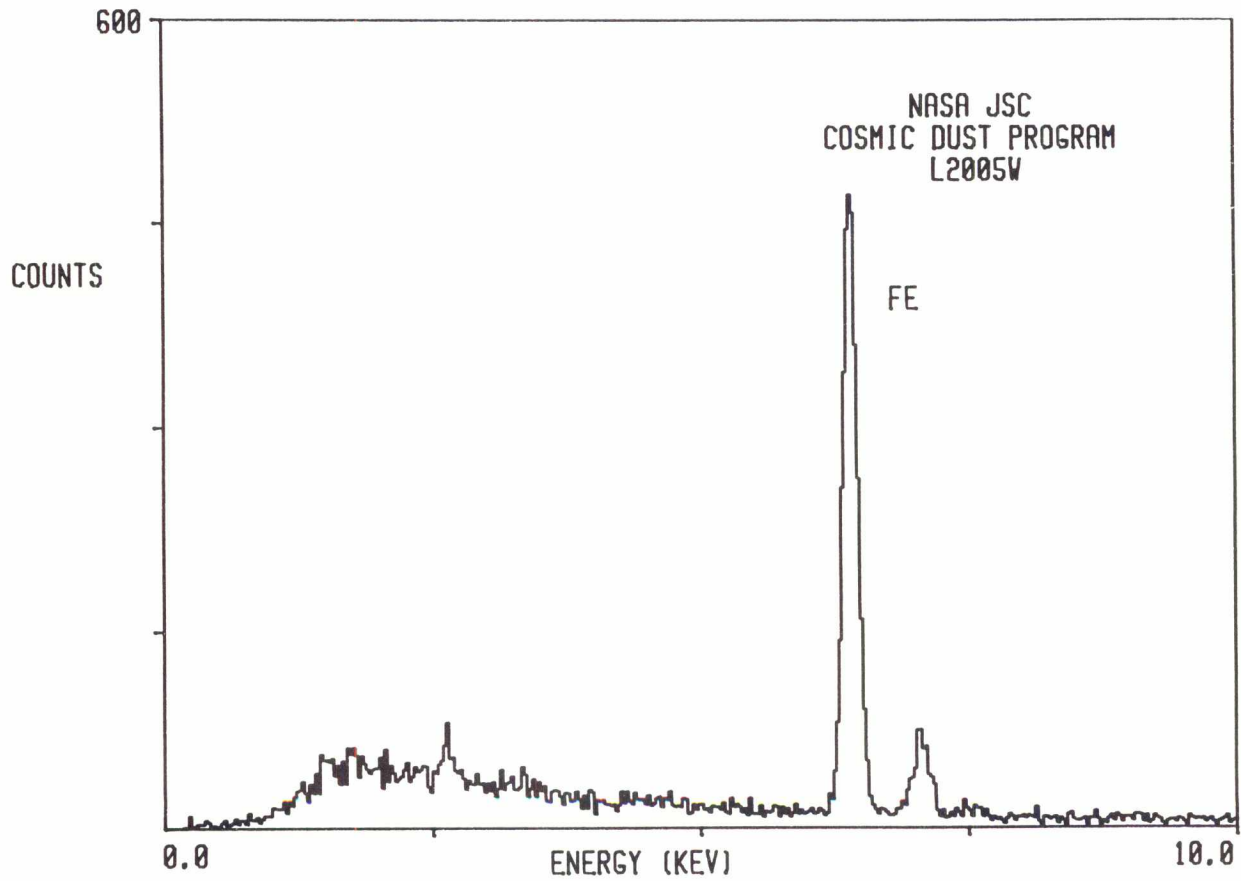


L2005 W 14



SIZE: 6x3  
SHAPE: I/S  
TRANS.: O  
COLOR: Black  
LUSTER: SM/D  
TYPE: TCN?  
COMMENTS:

S-91-32356

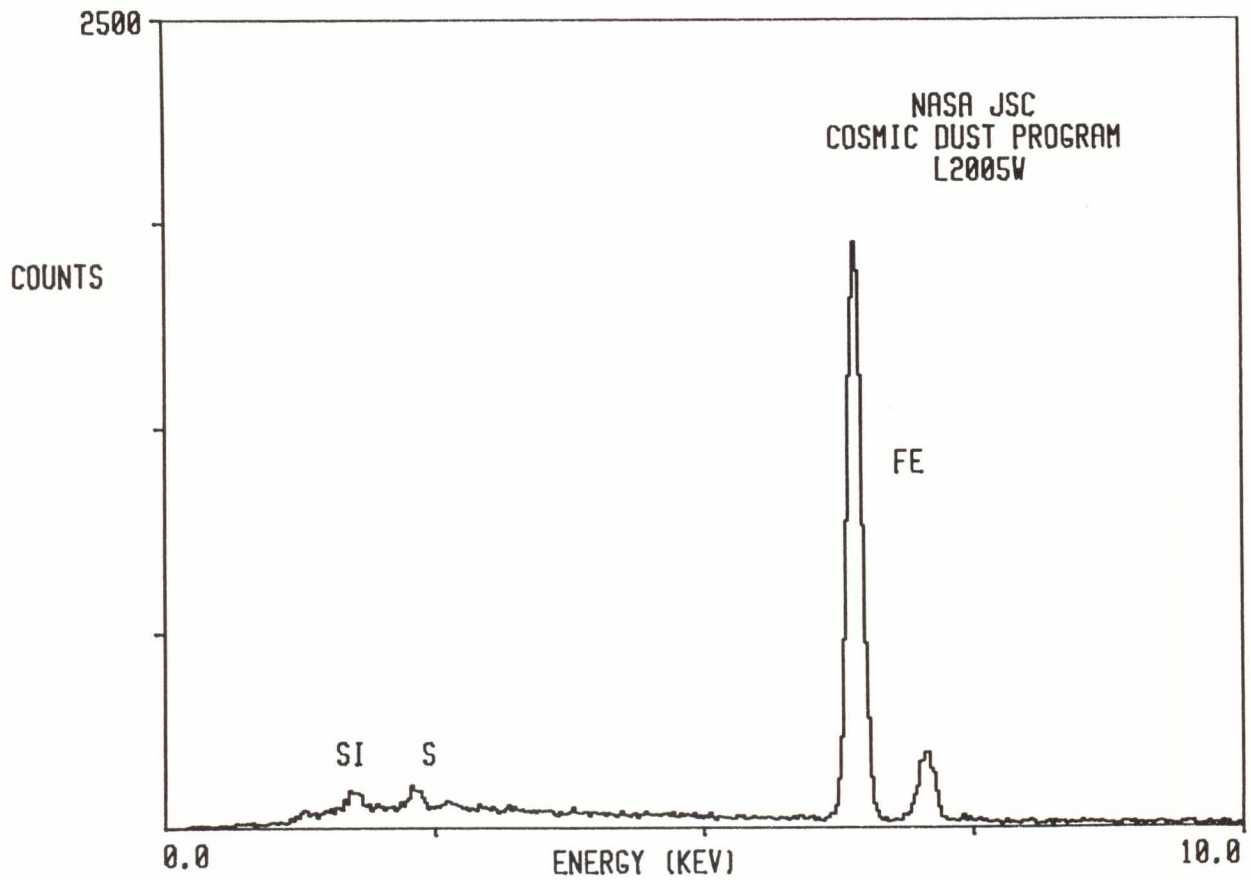


L2005 W 15

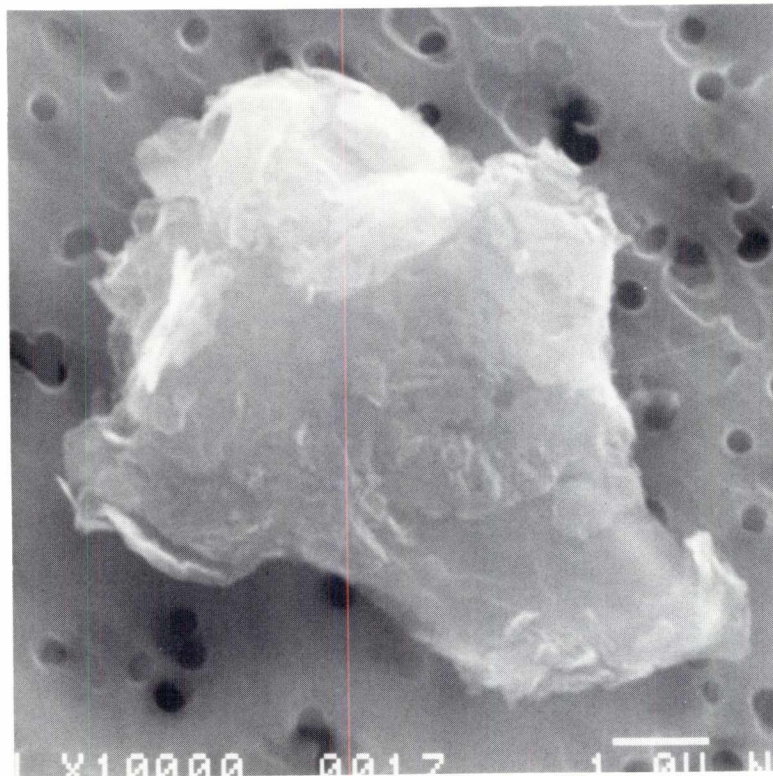


SIZE: 10x8  
SHAPE: S  
TRANS.: O  
COLOR: Black  
LUSTER: SM  
TYPE: TCN?  
COMMENTS:

S-91-32357

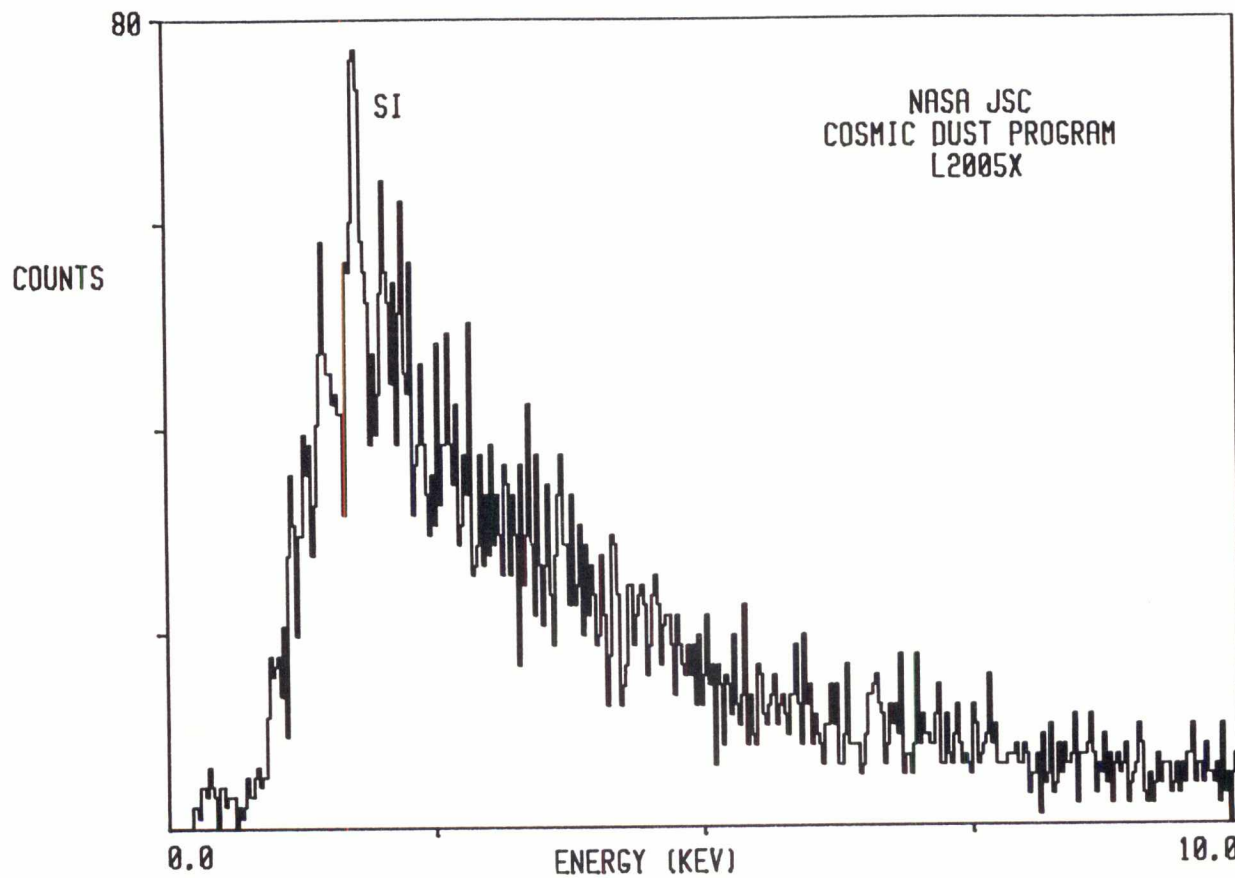


L2005 X 1

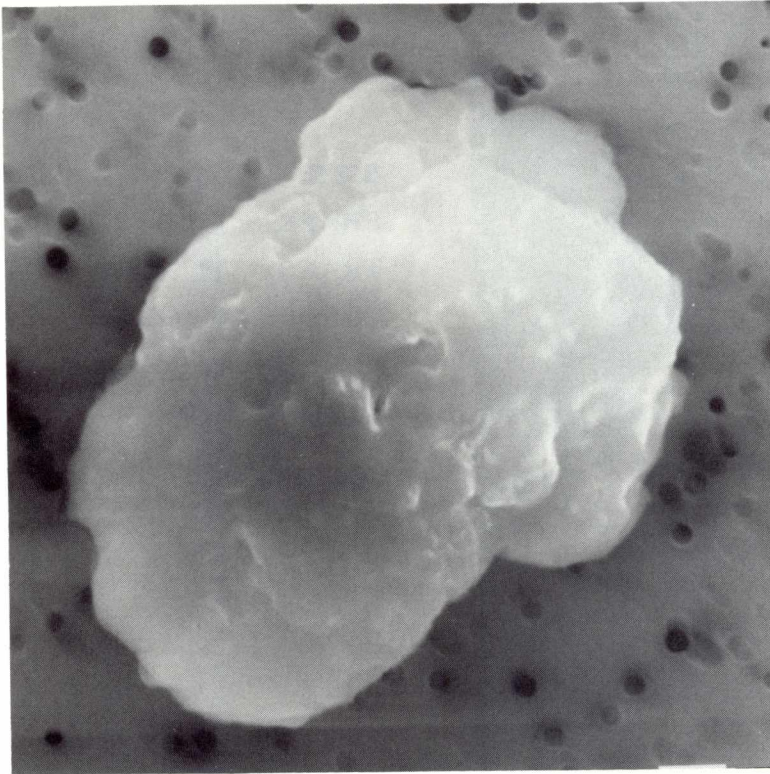


SIZE: 8x6  
SHAPE: I  
TRANS.: O  
COLOR: Black to Grey  
LUSTER: D  
TYPE: TCN?  
COMMENTS:

S-91-32177

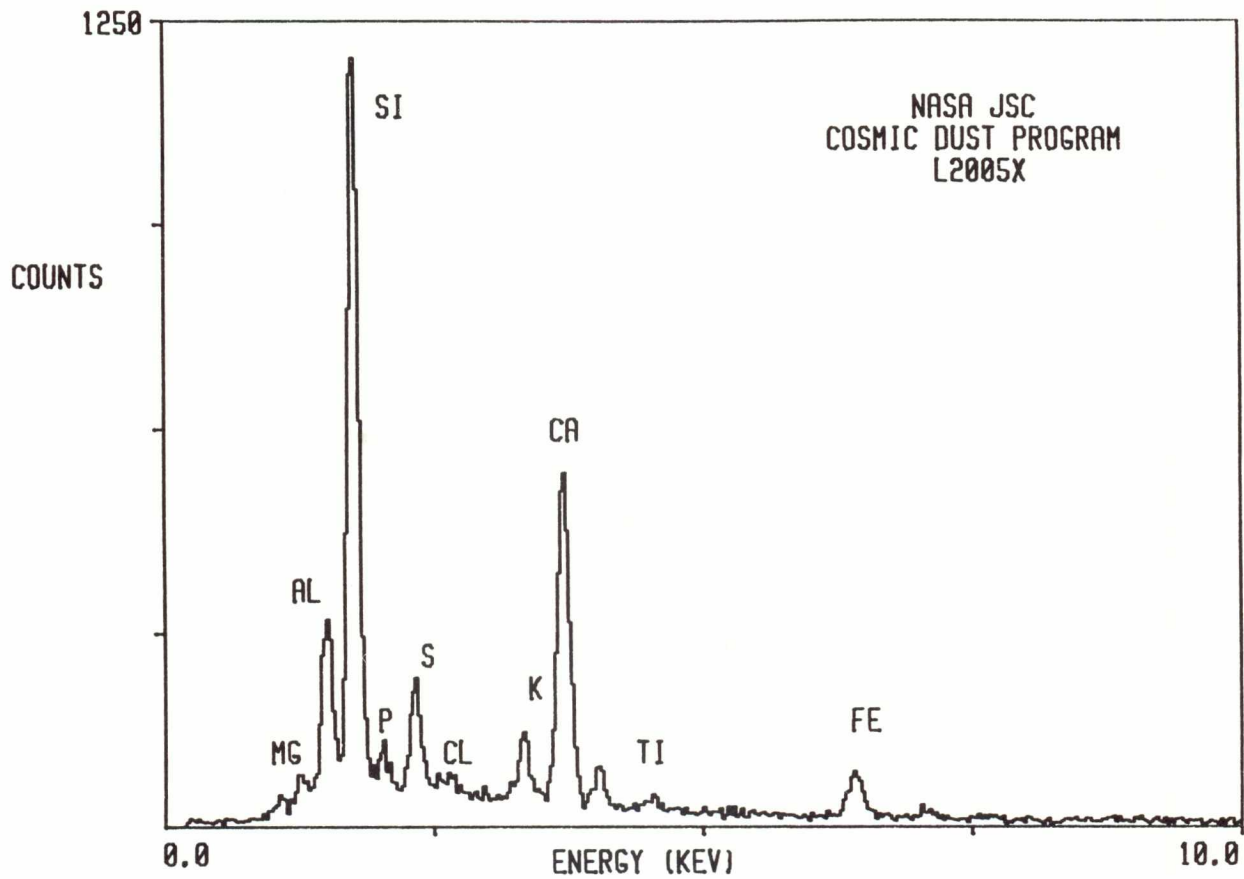


L2005 X 7

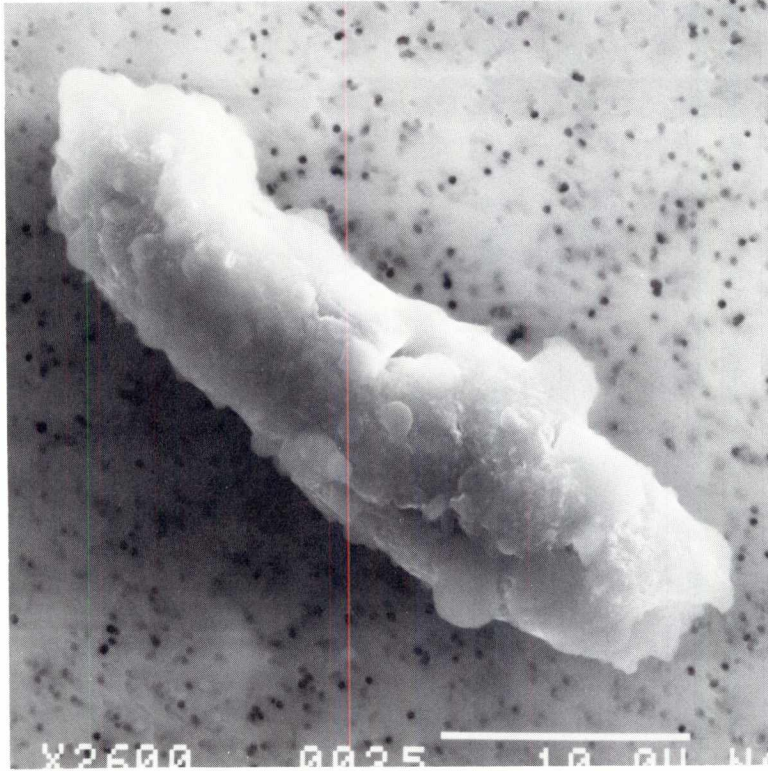


SIZE: 11x8  
SHAPE: E  
TRANS.: TL/O  
COLOR: Brown  
LUSTER: SV  
TYPE: TCN  
COMMENTS:

S-91-32183

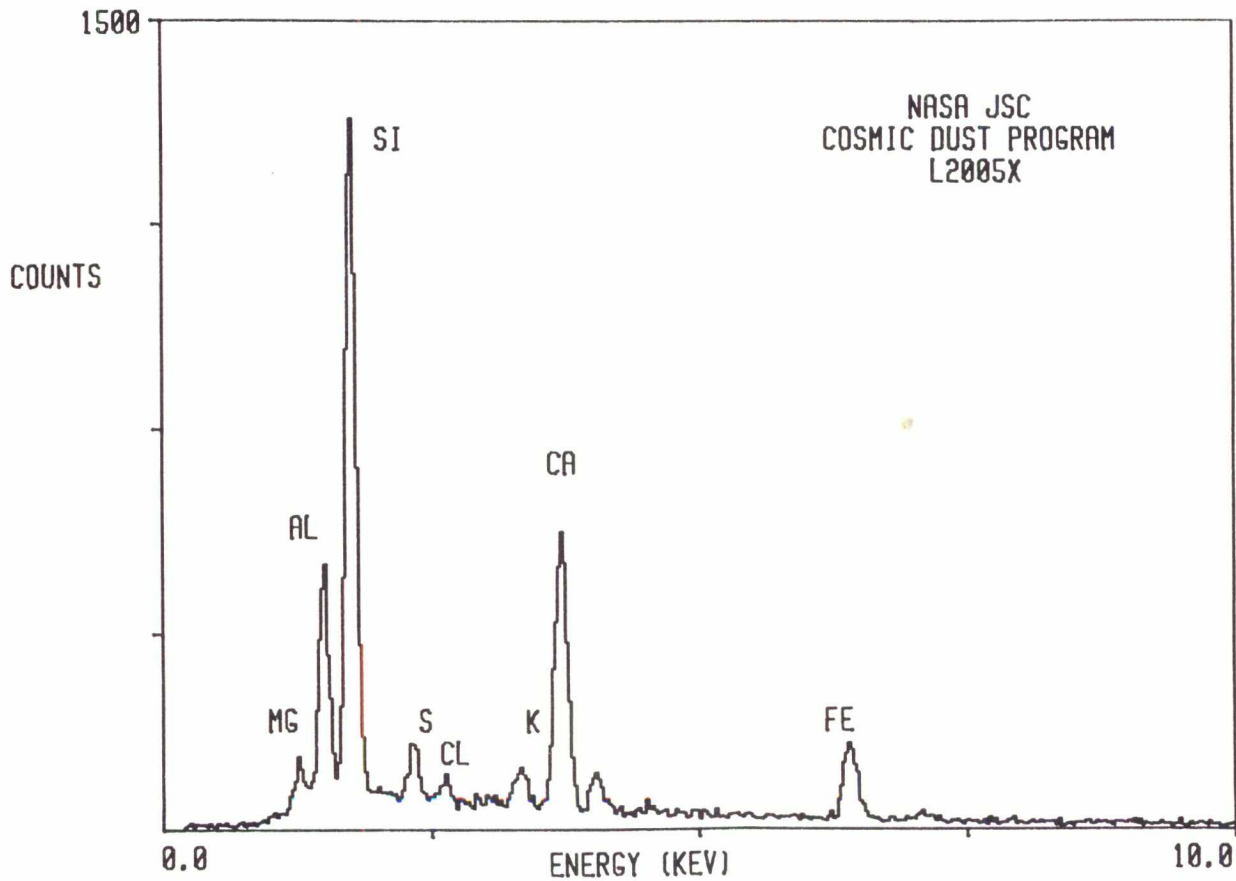


L2005 X 9



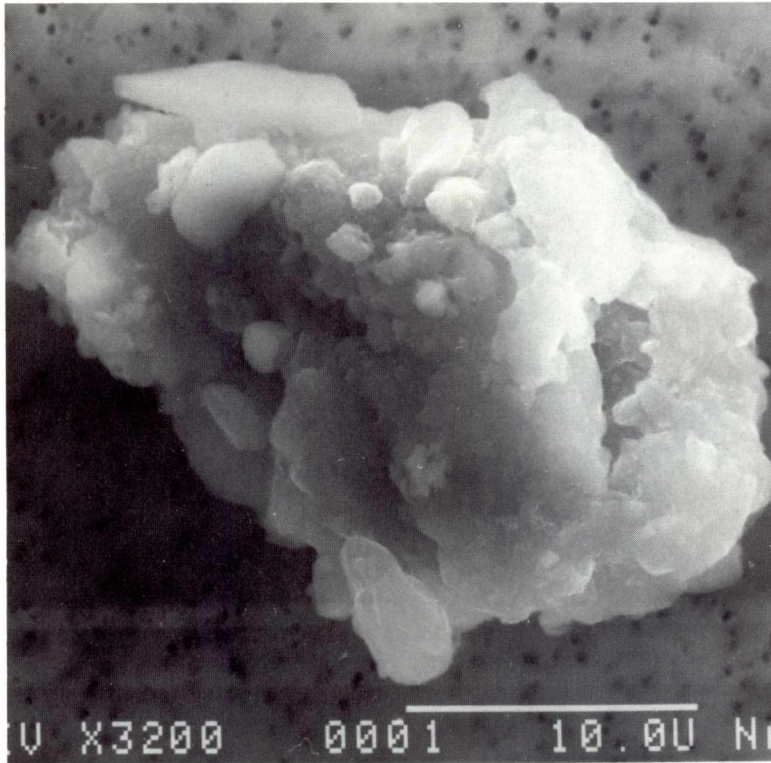
SIZE: 35x12  
SHAPE: I  
TRANS.: TL  
COLOR: Yellow  
LUSTER: V  
TYPE: TCN  
COMMENTS:

S-91-32185



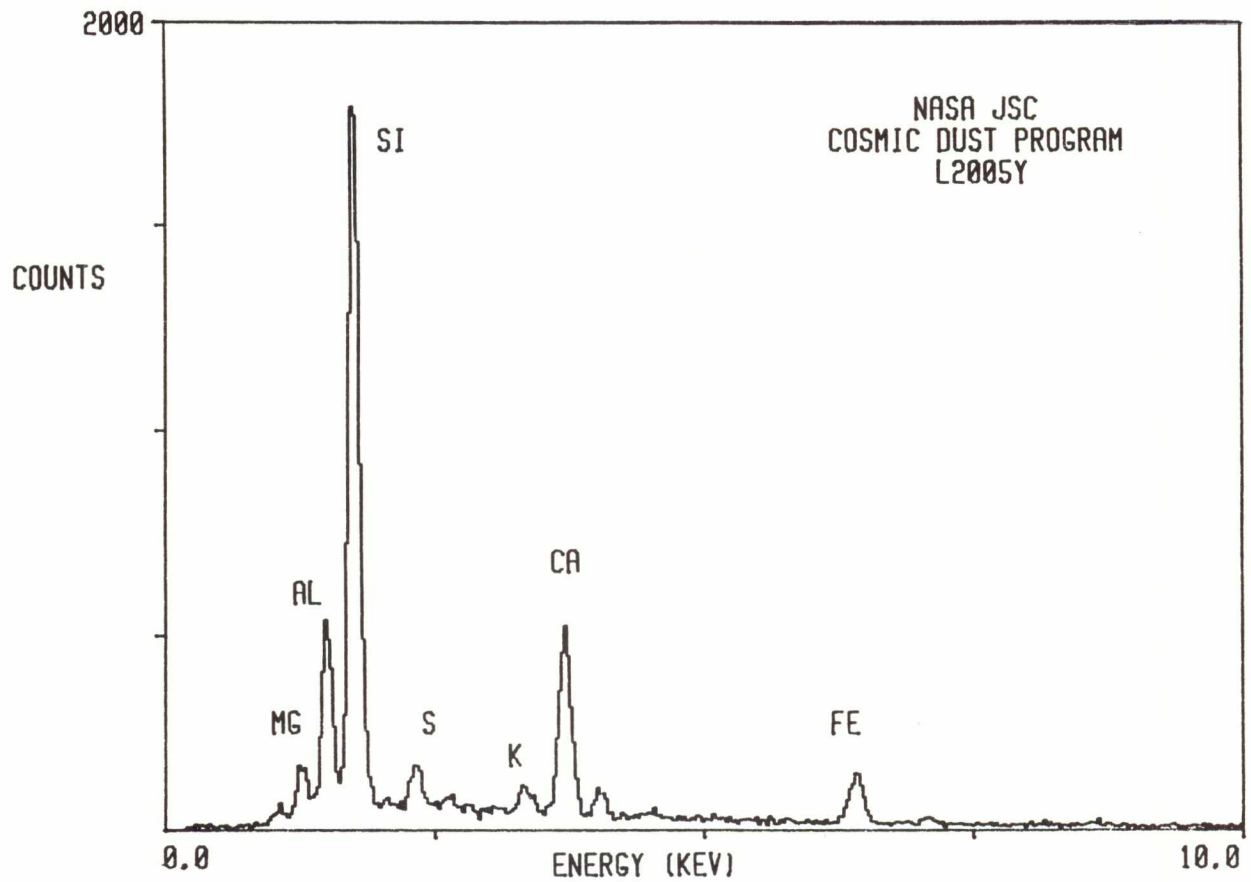


L2005 Y 1

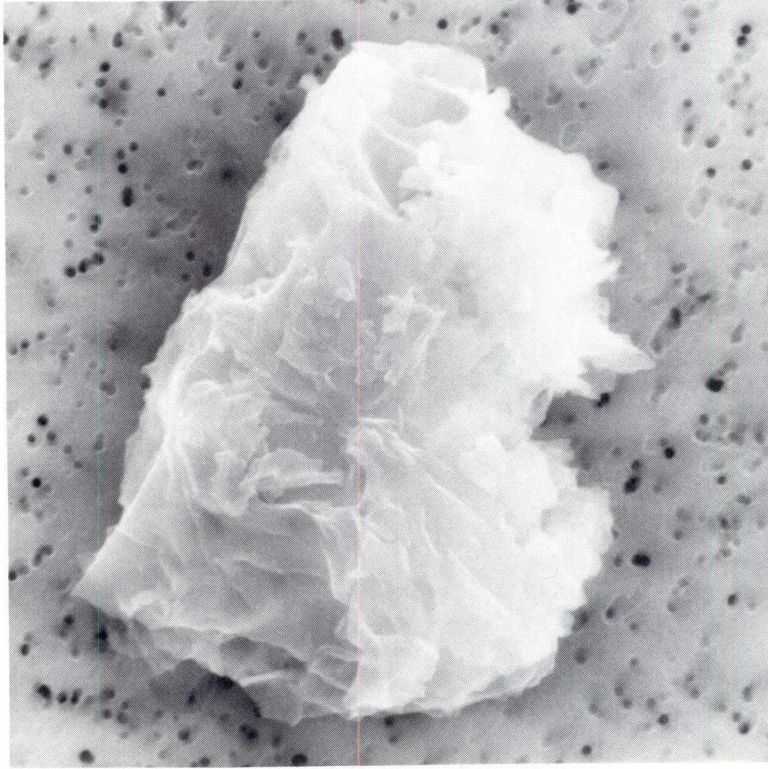


SIZE: 28x21  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: TCN  
COMMENTS:

S-91-32145

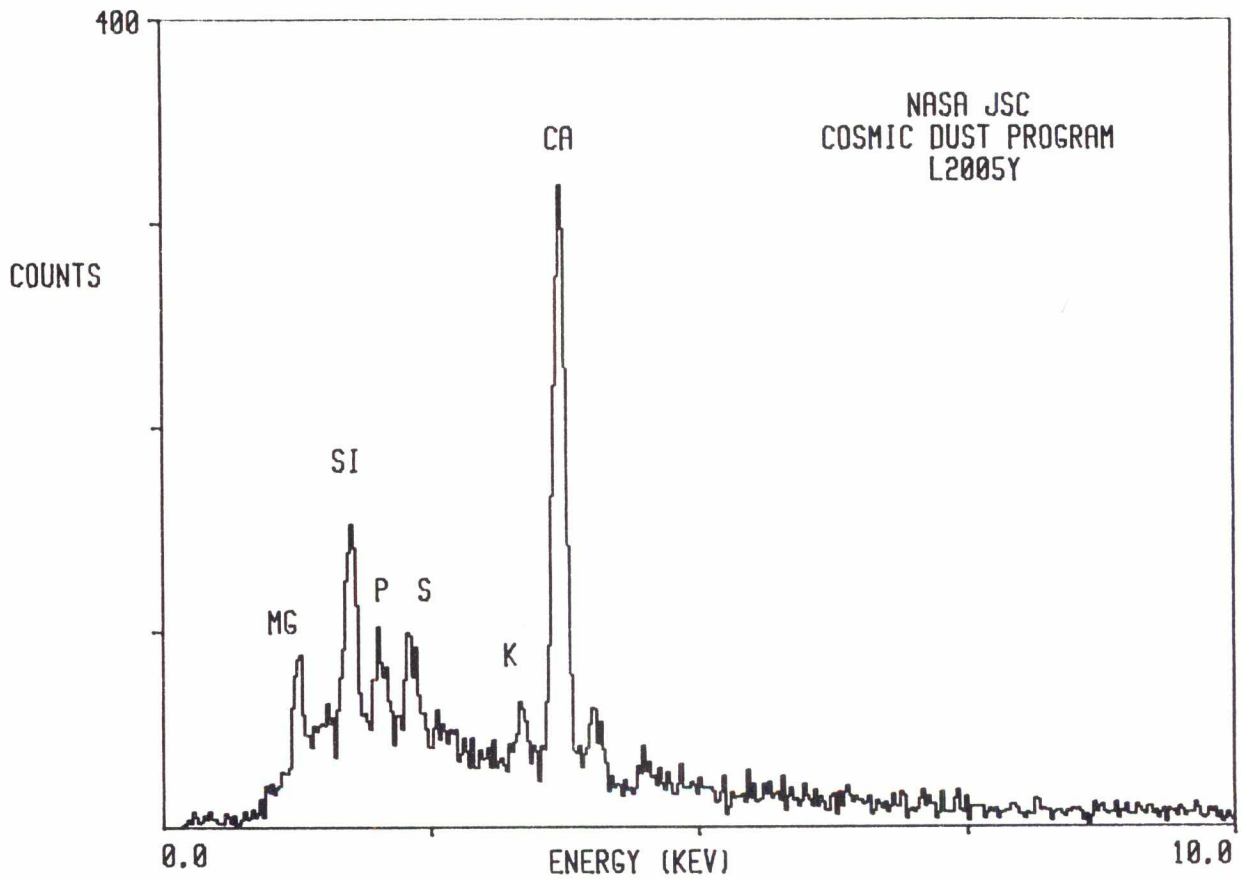


L2005 Y 4

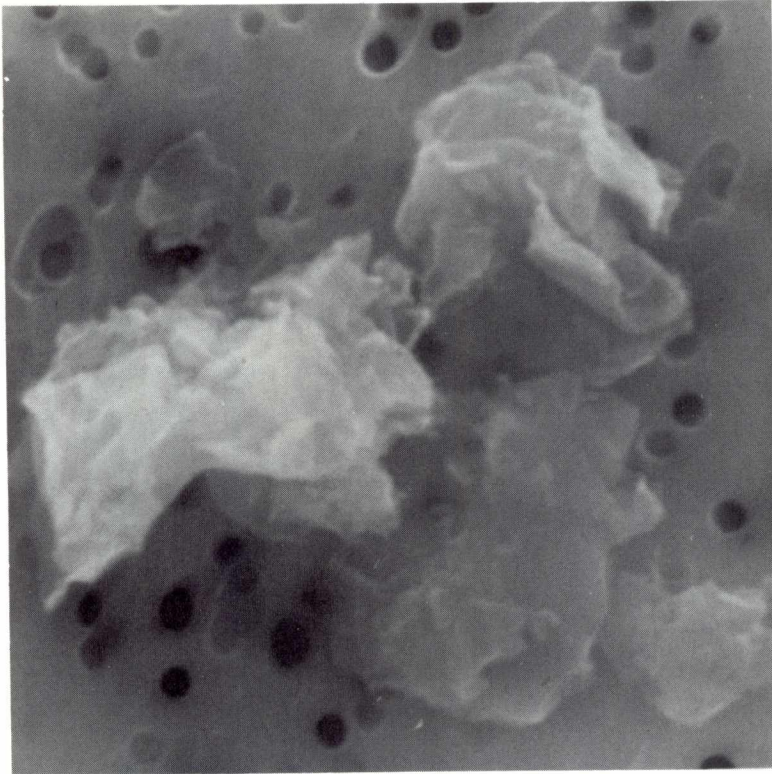


SIZE: 21x15  
SHAPE: I  
TRANS.: TL  
COLOR: Yellow  
LUSTER: SV  
TYPE: TCN  
COMMENTS:

S-91-32148

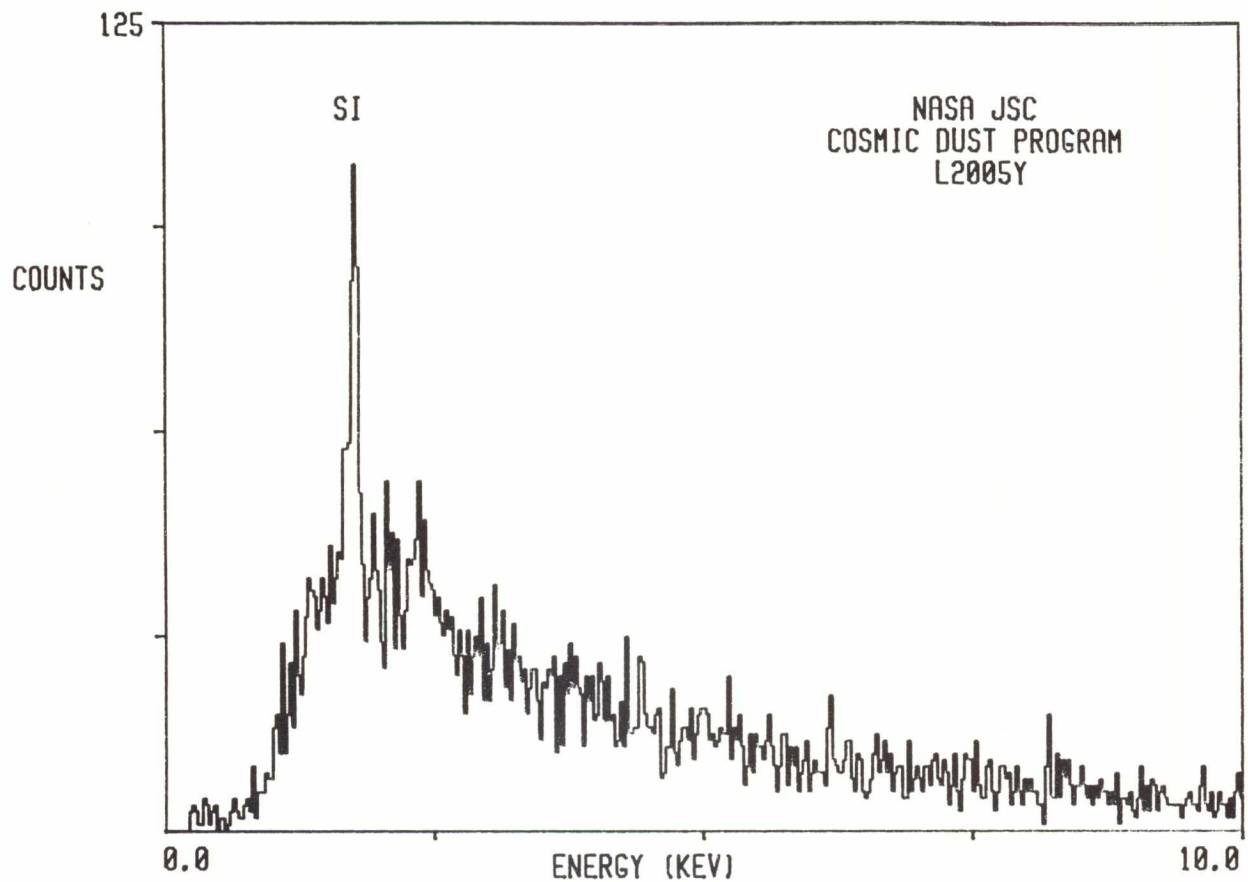


L2005 Y 8

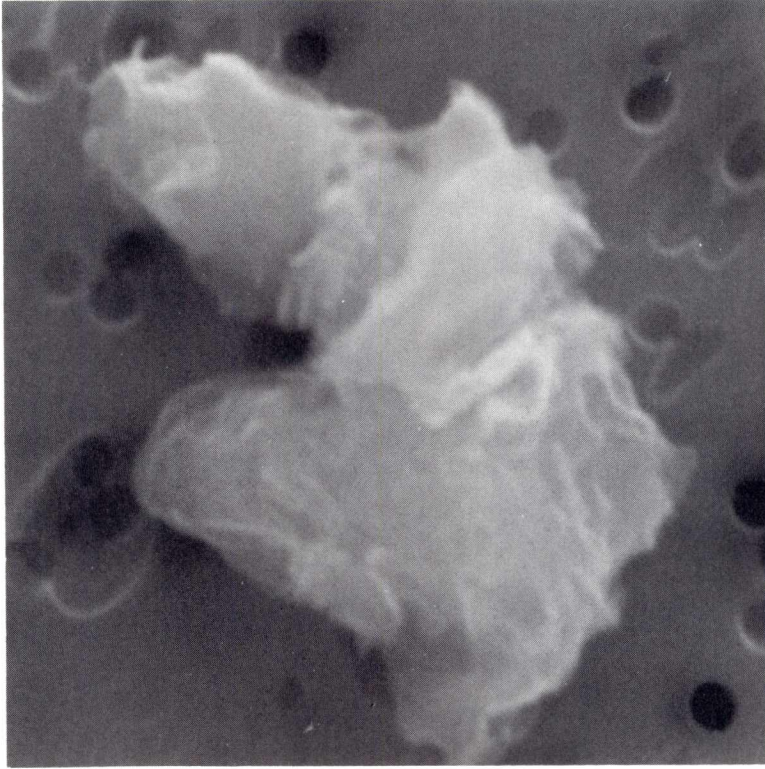


SIZE: 7  
SHAPE: I  
TRANS.: O  
COLOR: Grey to White  
LUSTER: D  
TYPE: TCN?  
COMMENTS:

S-91-32152

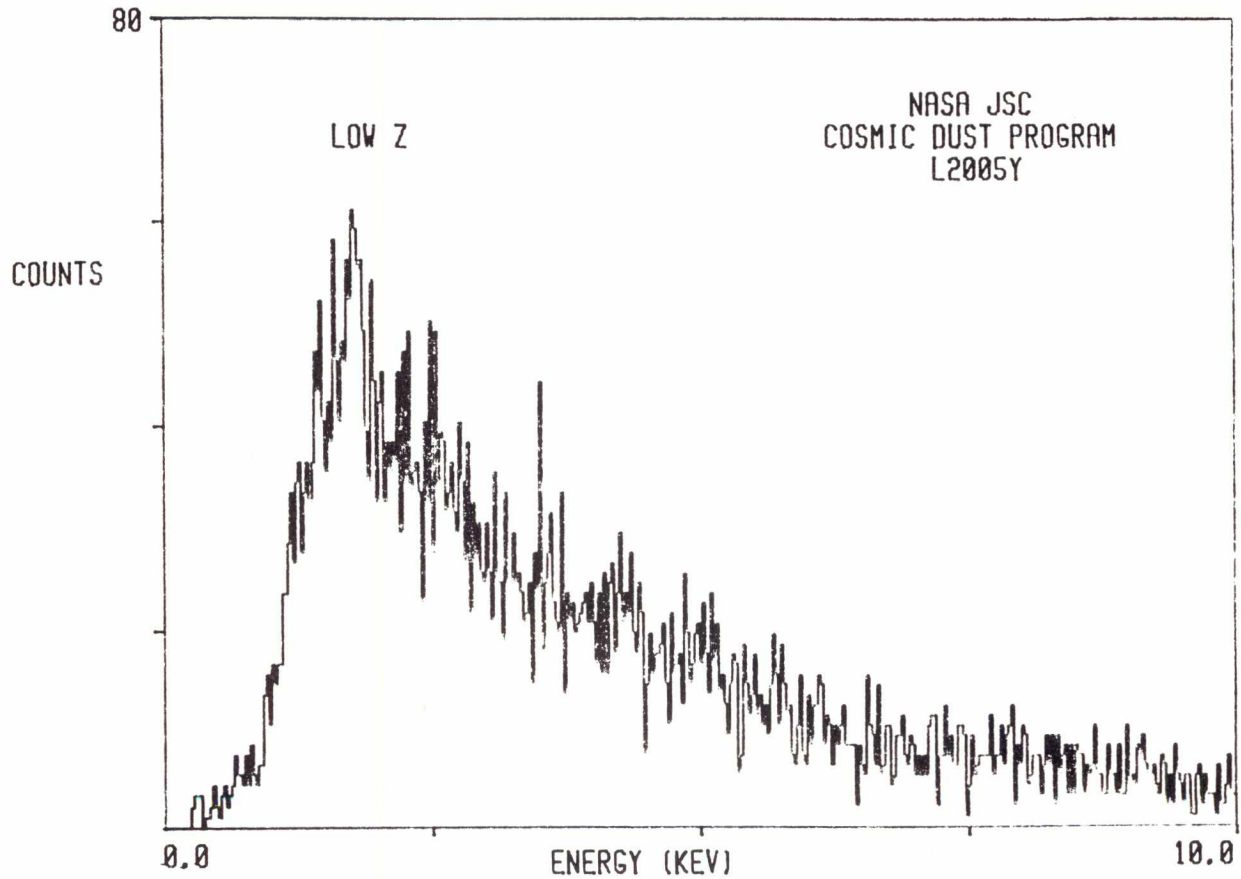


L2005 Y 10



SIZE: 6x4  
SHAPE: I  
TRANS.: O  
COLOR: Black to Grey  
LUSTER: D  
TYPE: TCN?  
COMMENTS:

S-91-32154

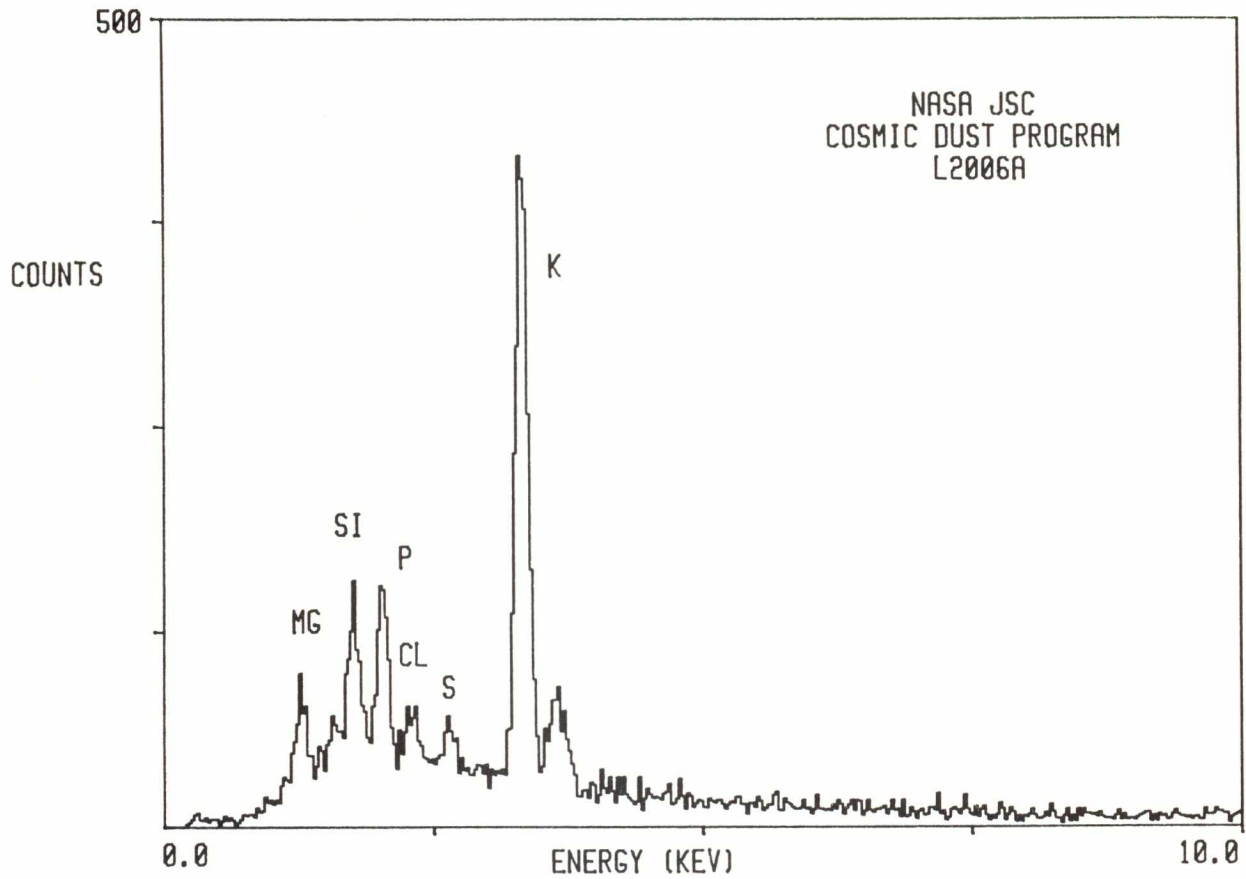


L2006 A 14

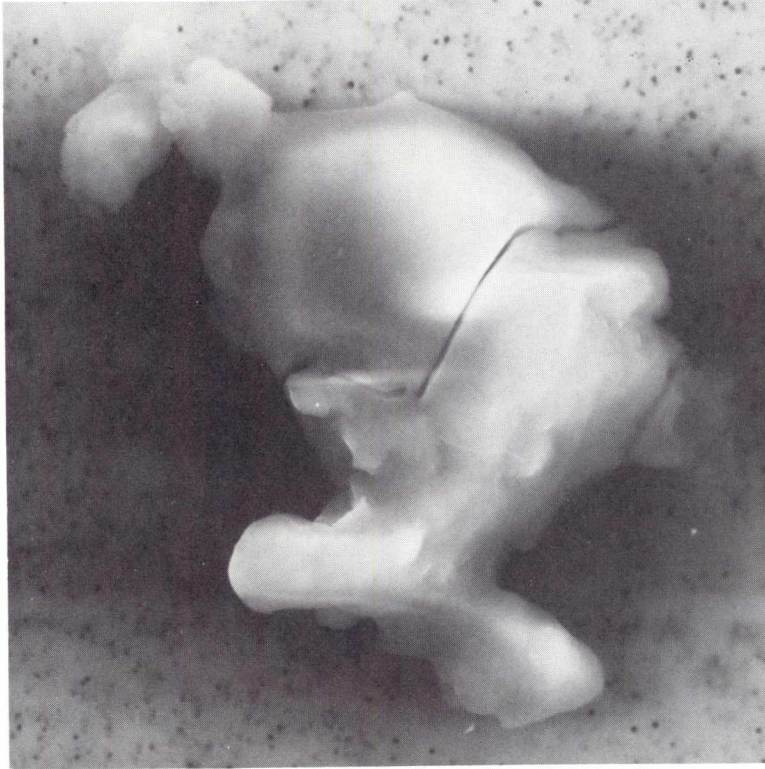


SIZE: 12  
SHAPE: I  
TRANS.: TL  
COLOR: White  
LUSTER: D  
TYPE: TCN  
COMMENTS:

S-91-32174

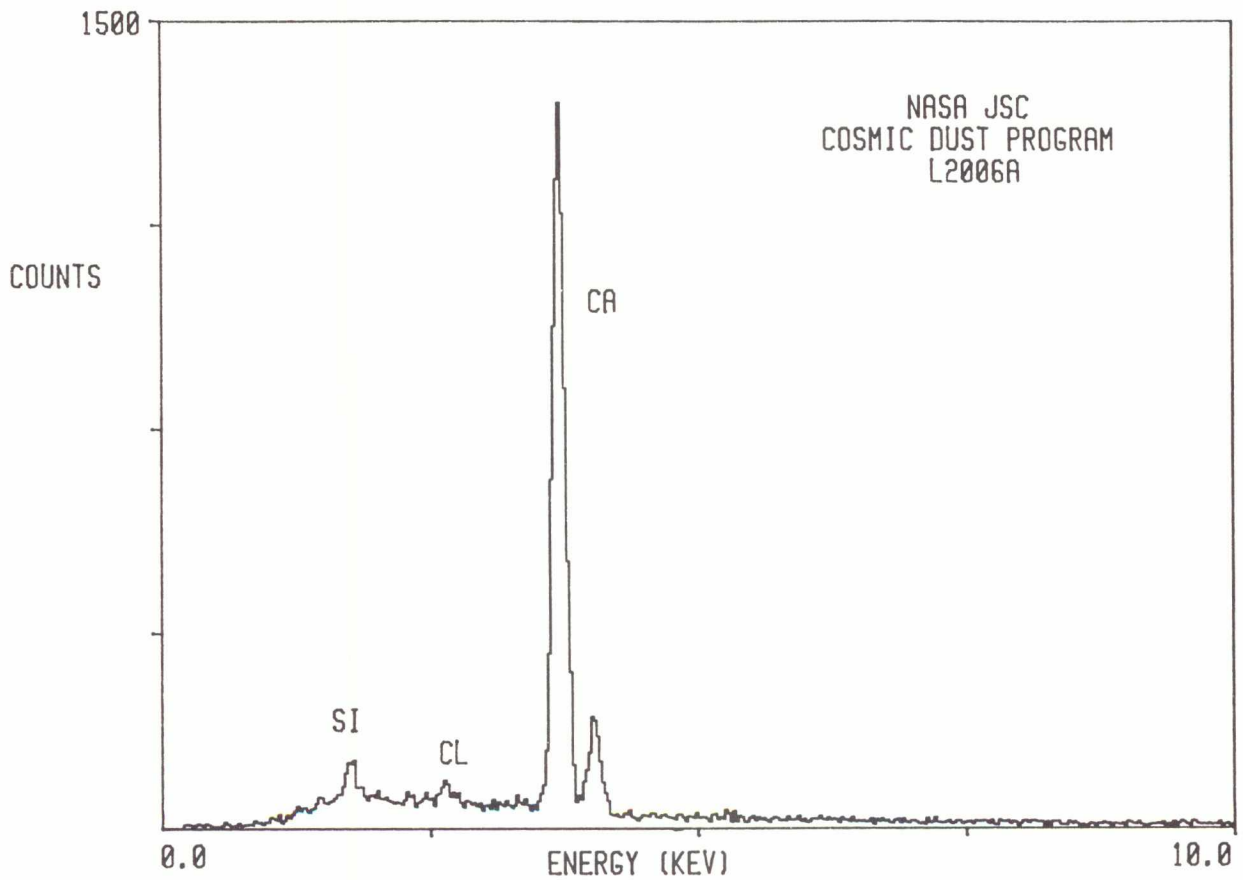


L2006 A 17



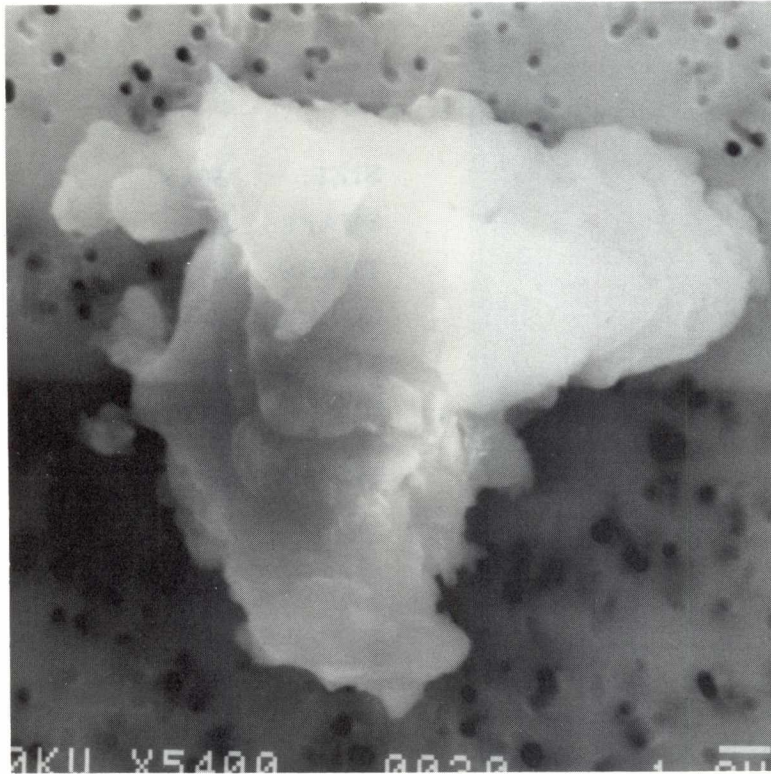
SIZE: 5  
SHAPE: I  
TRANS.: TL  
COLOR: White  
LUSTER: SV  
TYPE: TCN  
COMMENTS:

S-91-32175



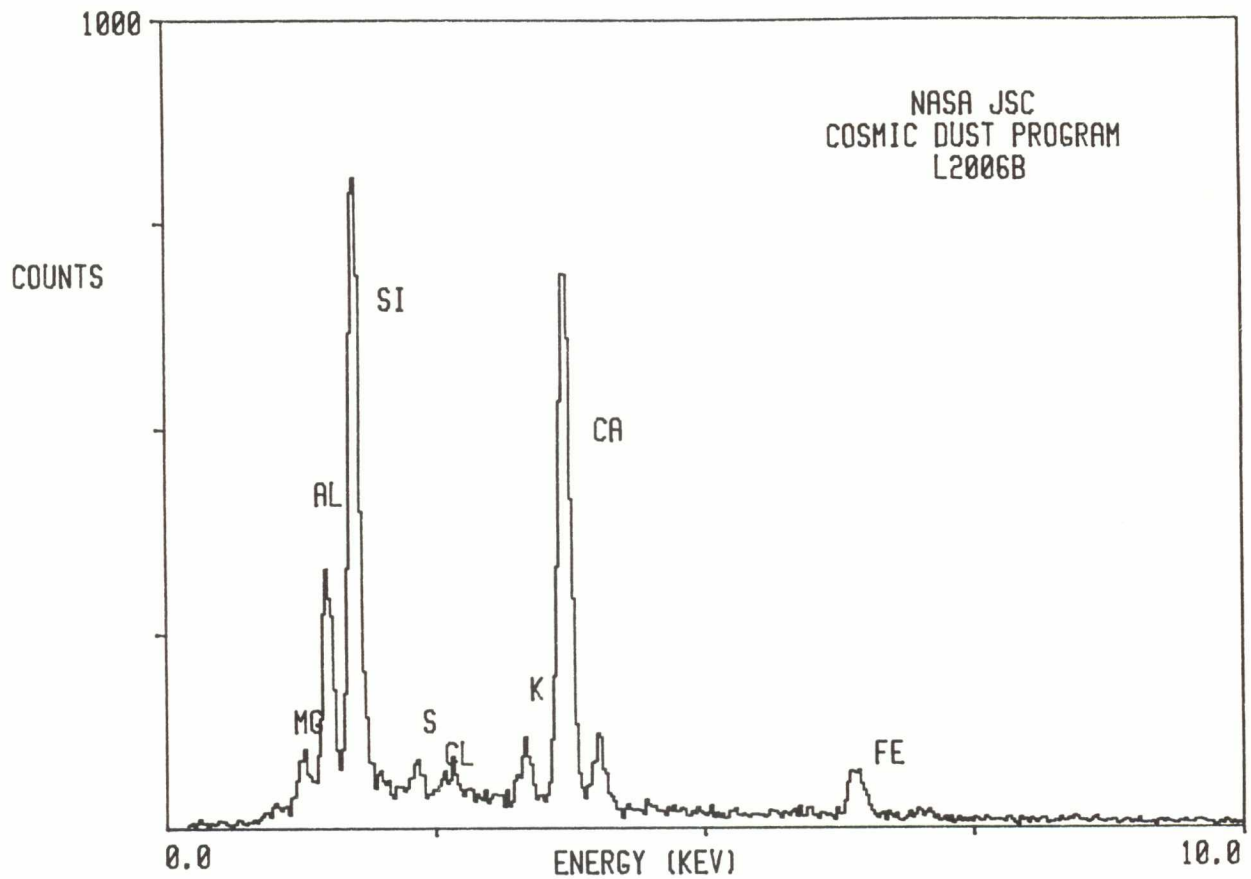
283

L2006 B 14

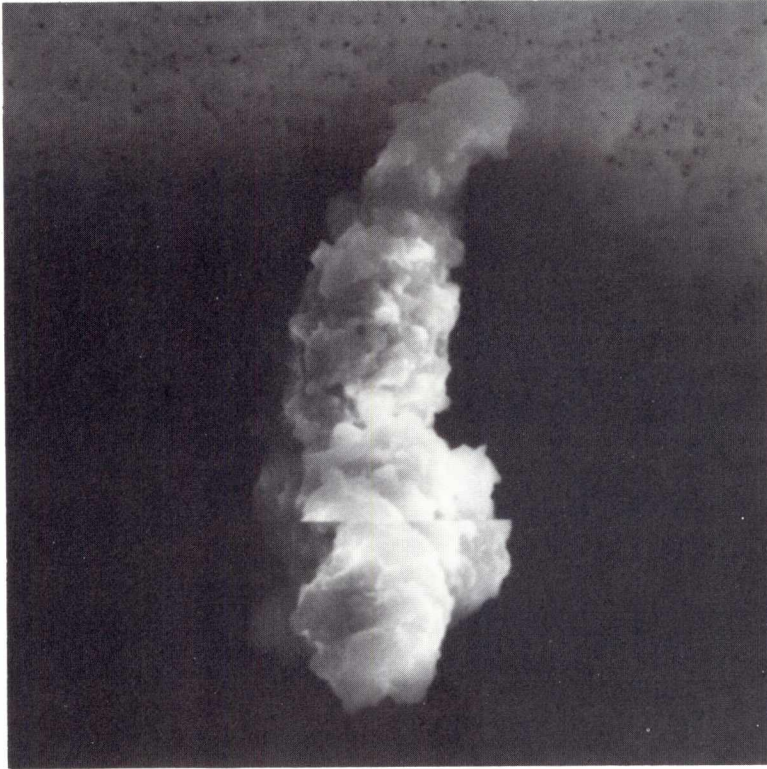


SIZE: 11  
SHAPE: I  
TRANS.: TL  
COLOR: Brown  
LUSTER: V  
TYPE: TCN  
COMMENTS:

S-91-32063

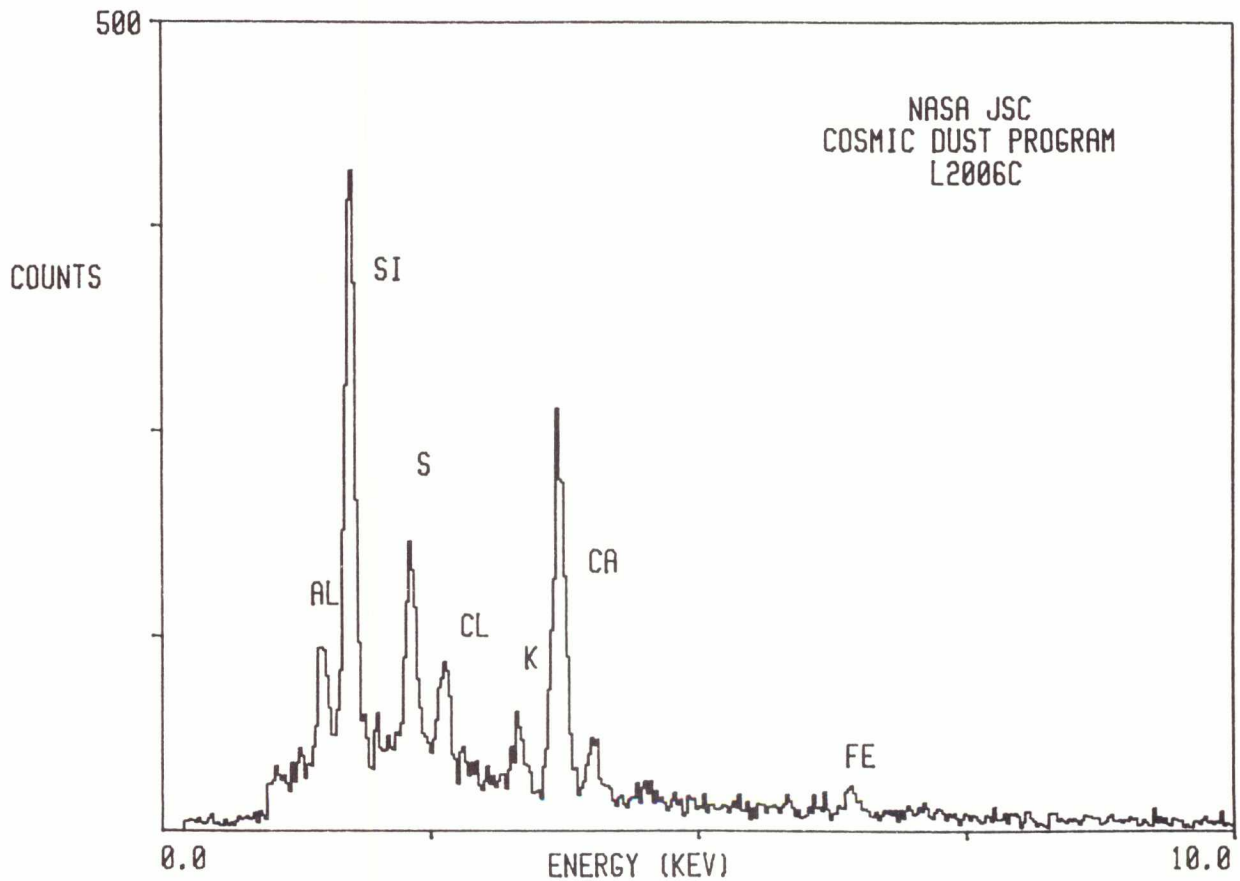


L2006 C 1



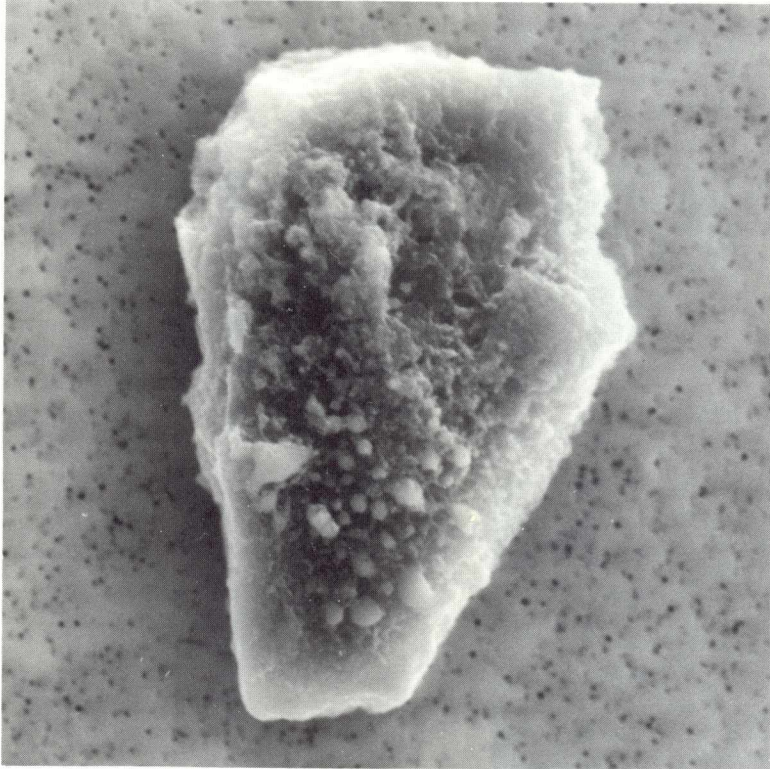
SIZE: 30x5  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SV  
TYPE: TCN  
COMMENTS:

S-91-32031





L2006 C 2



SIZE: 30x15

SHAPE: I

TRANS.: O

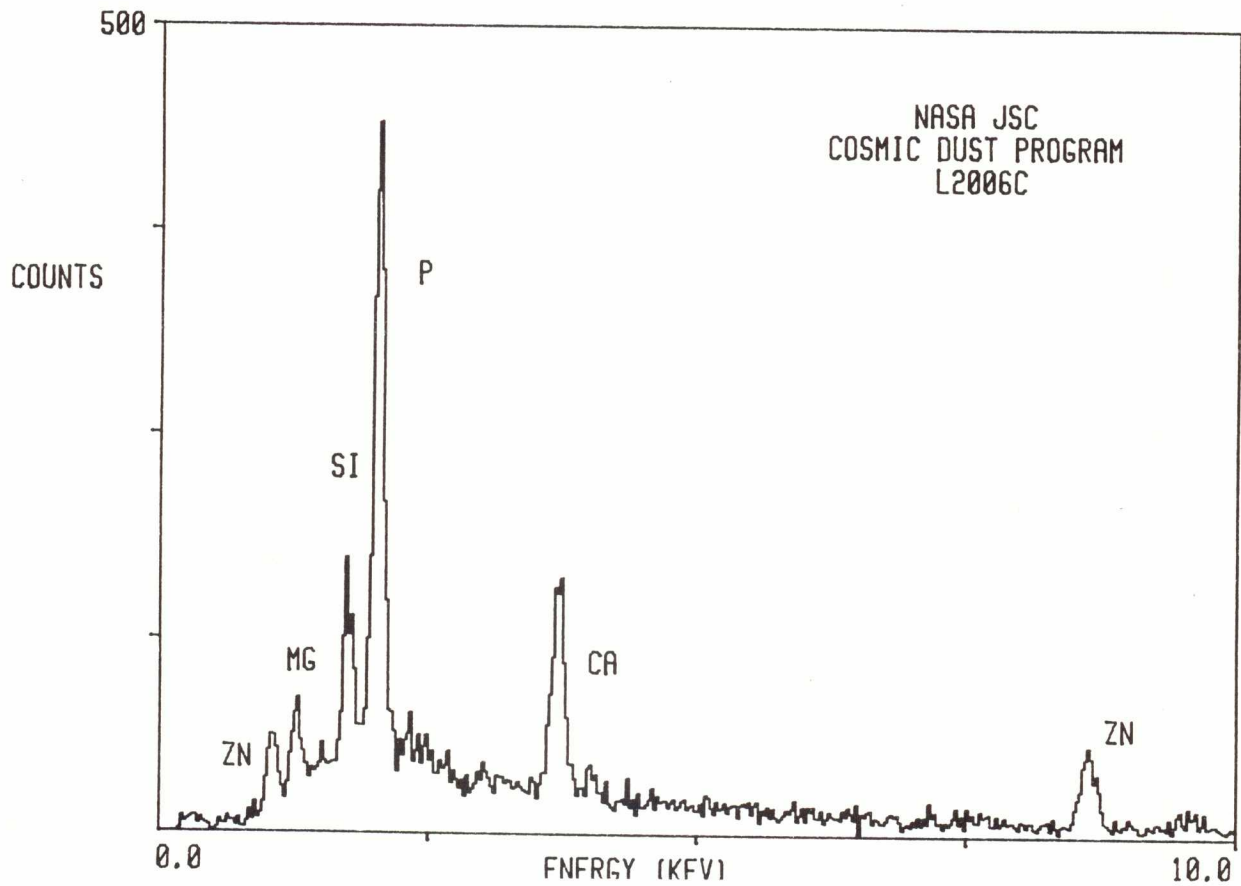
COLOR: Brown

LUSTER: V

TYPE: TCN

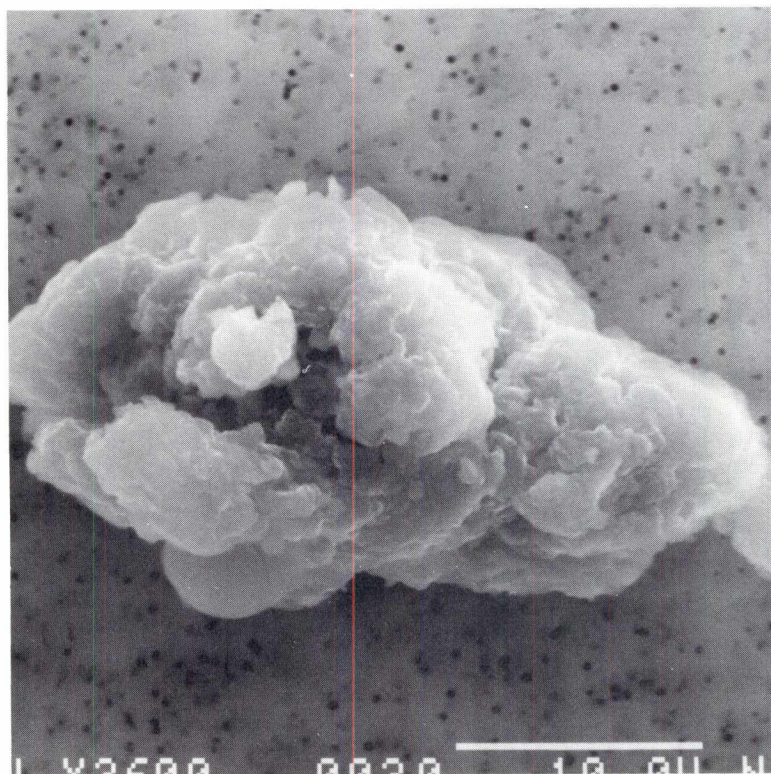
COMMENTS:

S-91-32129



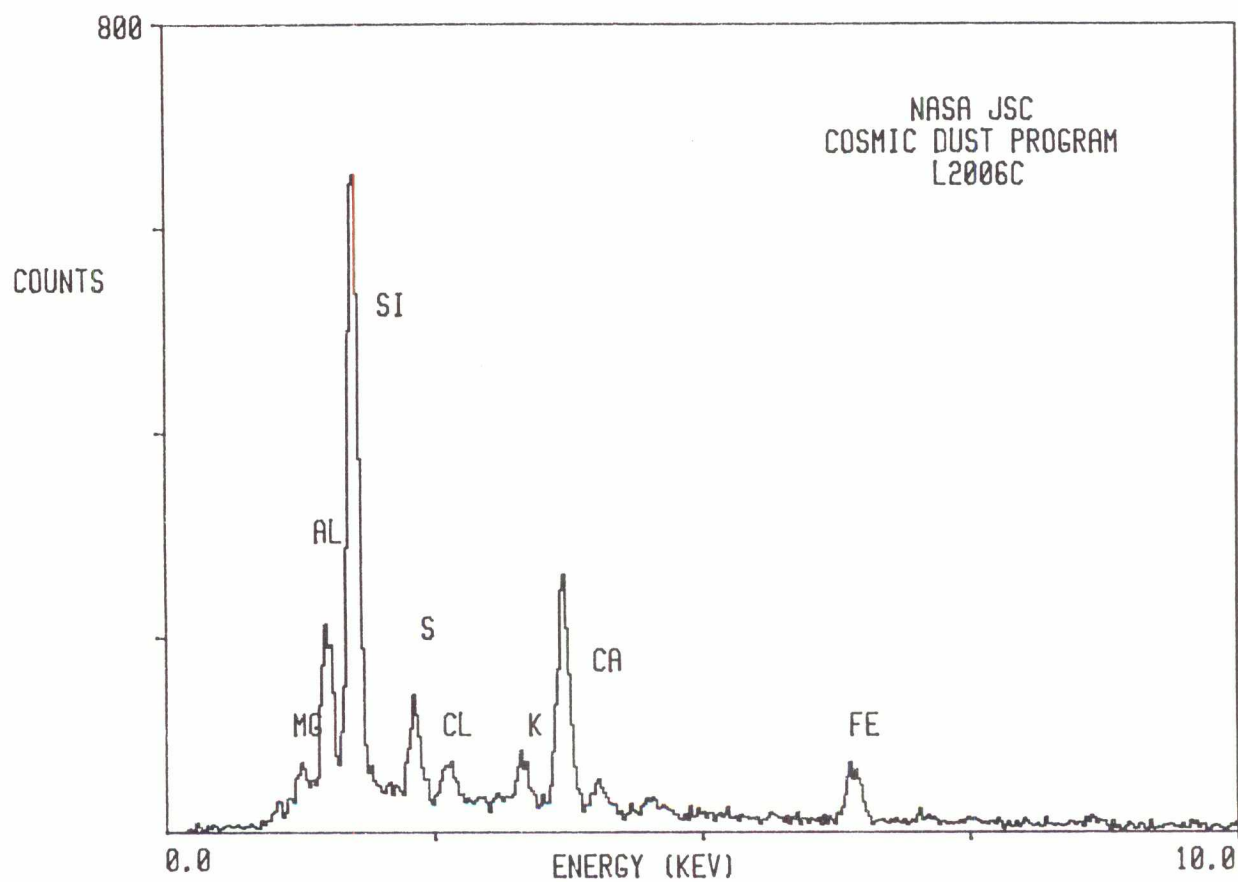
286

L2006 C 9



SIZE: 30x20  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D/SV  
TYPE: TCN  
COMMENTS:

S-91-32136

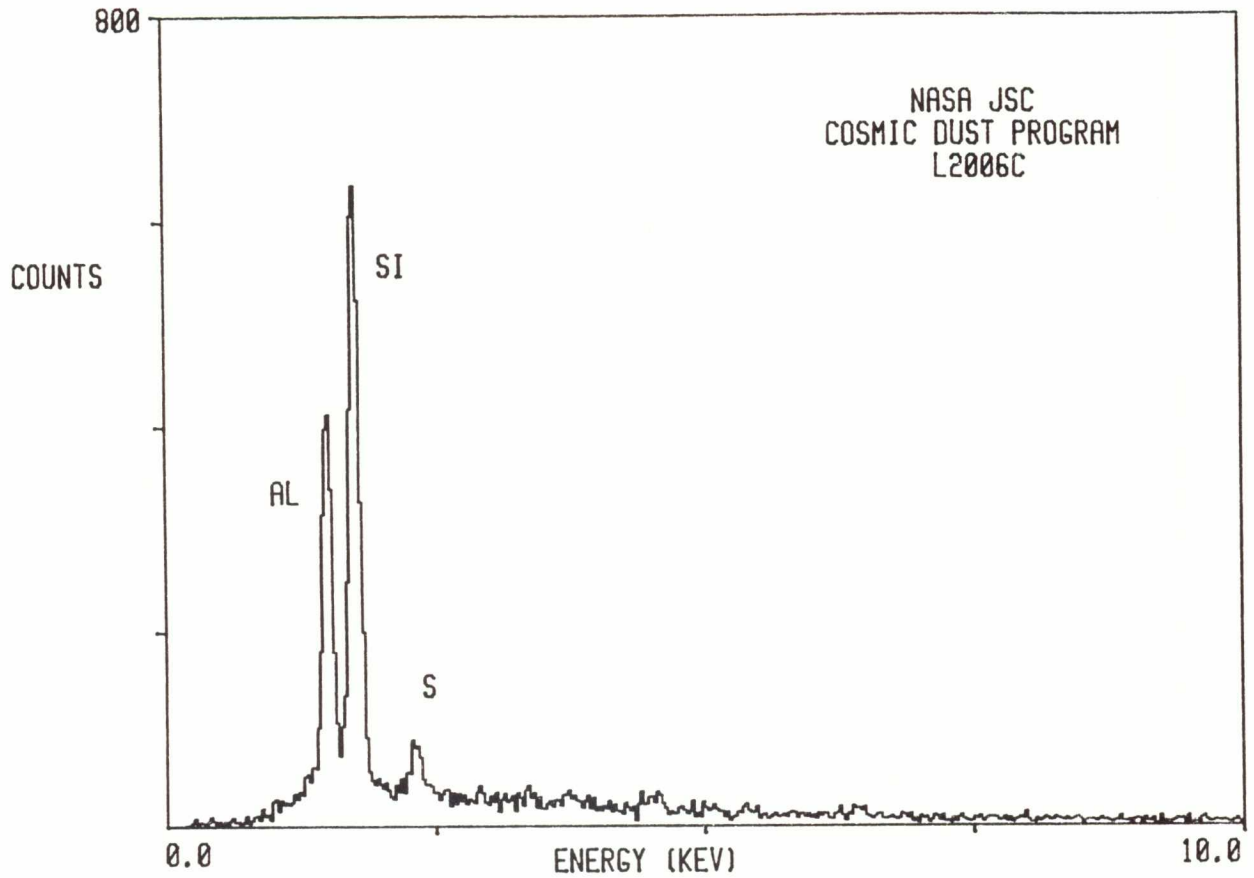


L2006 C 15

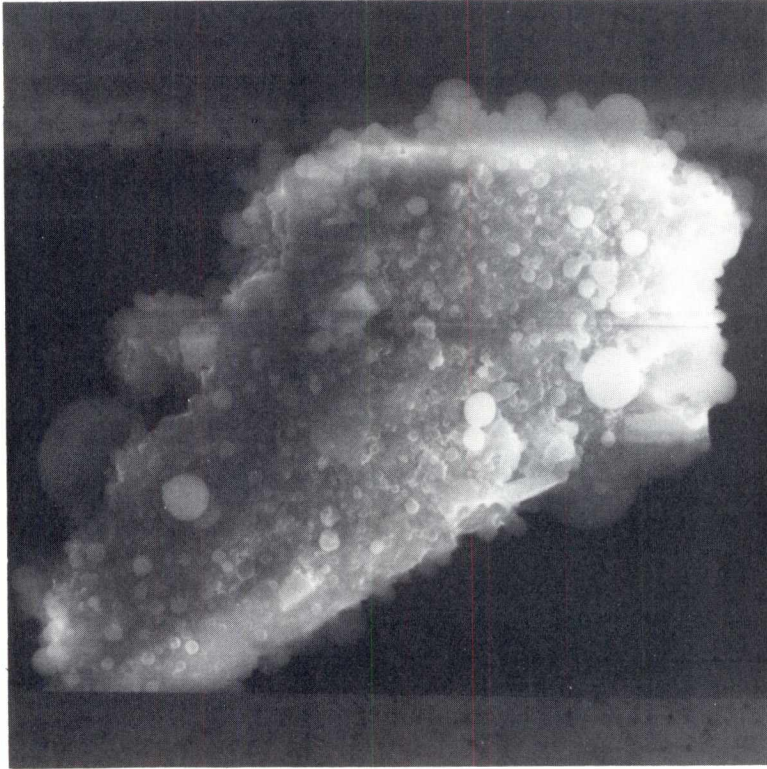


SIZE: 20x15  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D  
TYPE: TCN  
COMMENTS:

S-91-32143

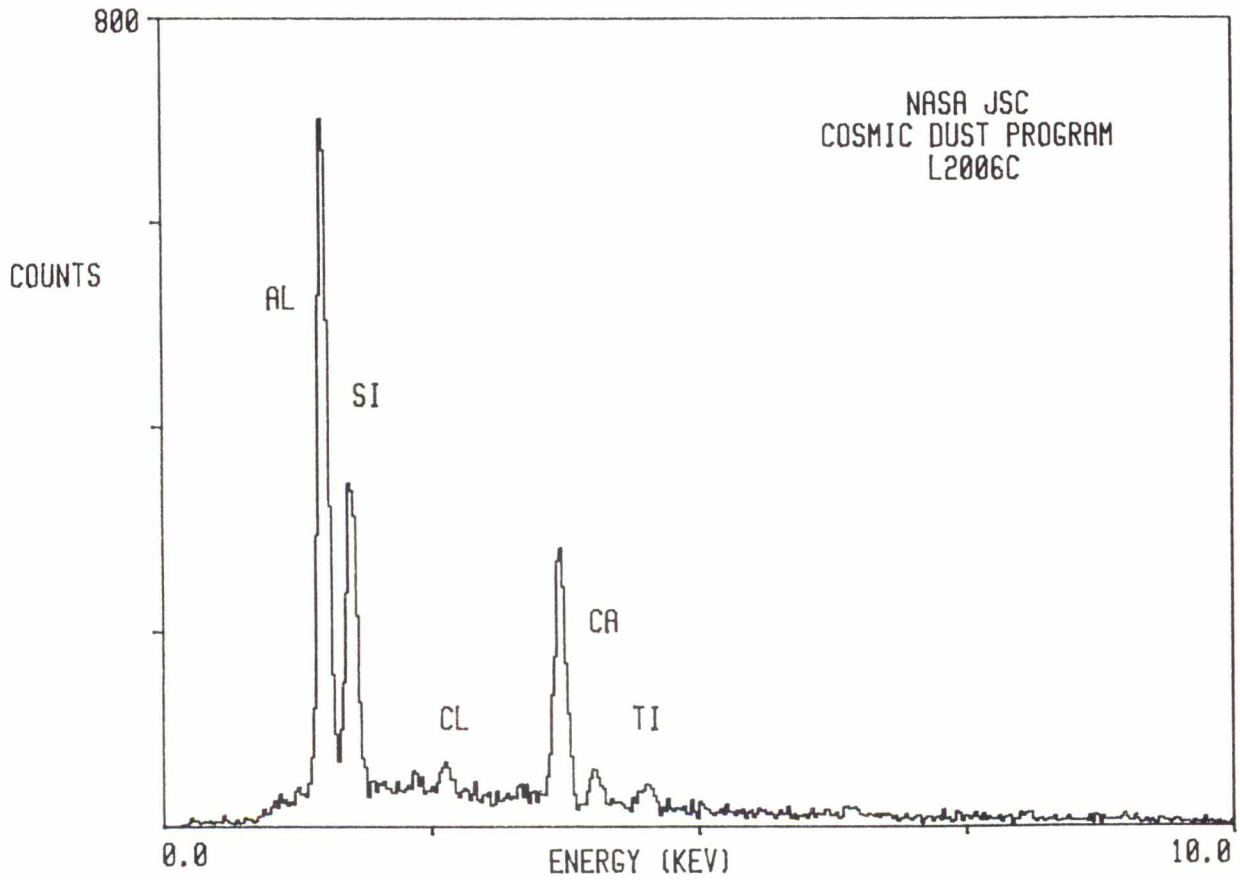


L2006 C 16

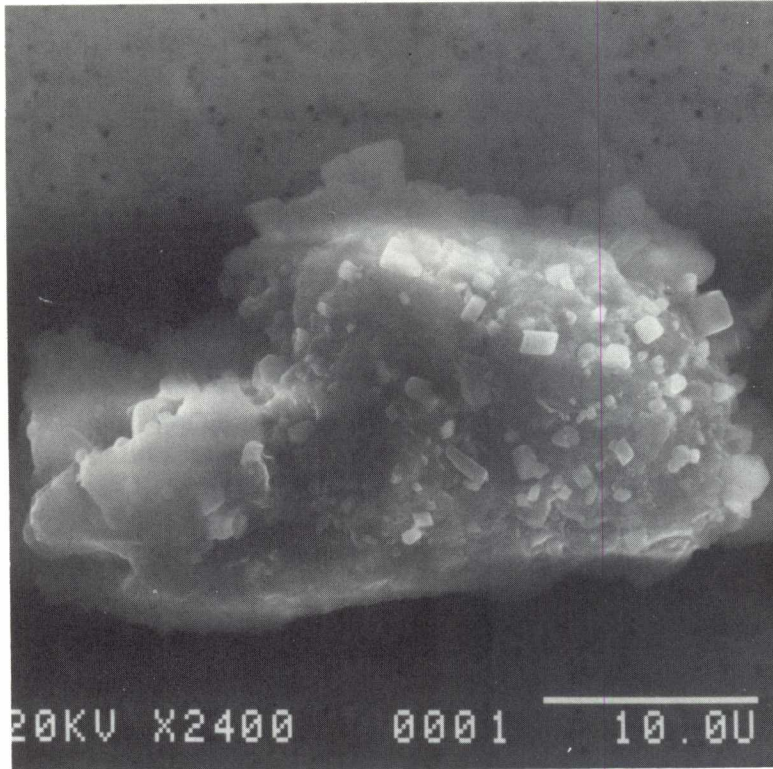


SIZE: 50x20  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D  
TYPE: TCN?  
COMMENTS:

S-91-32144

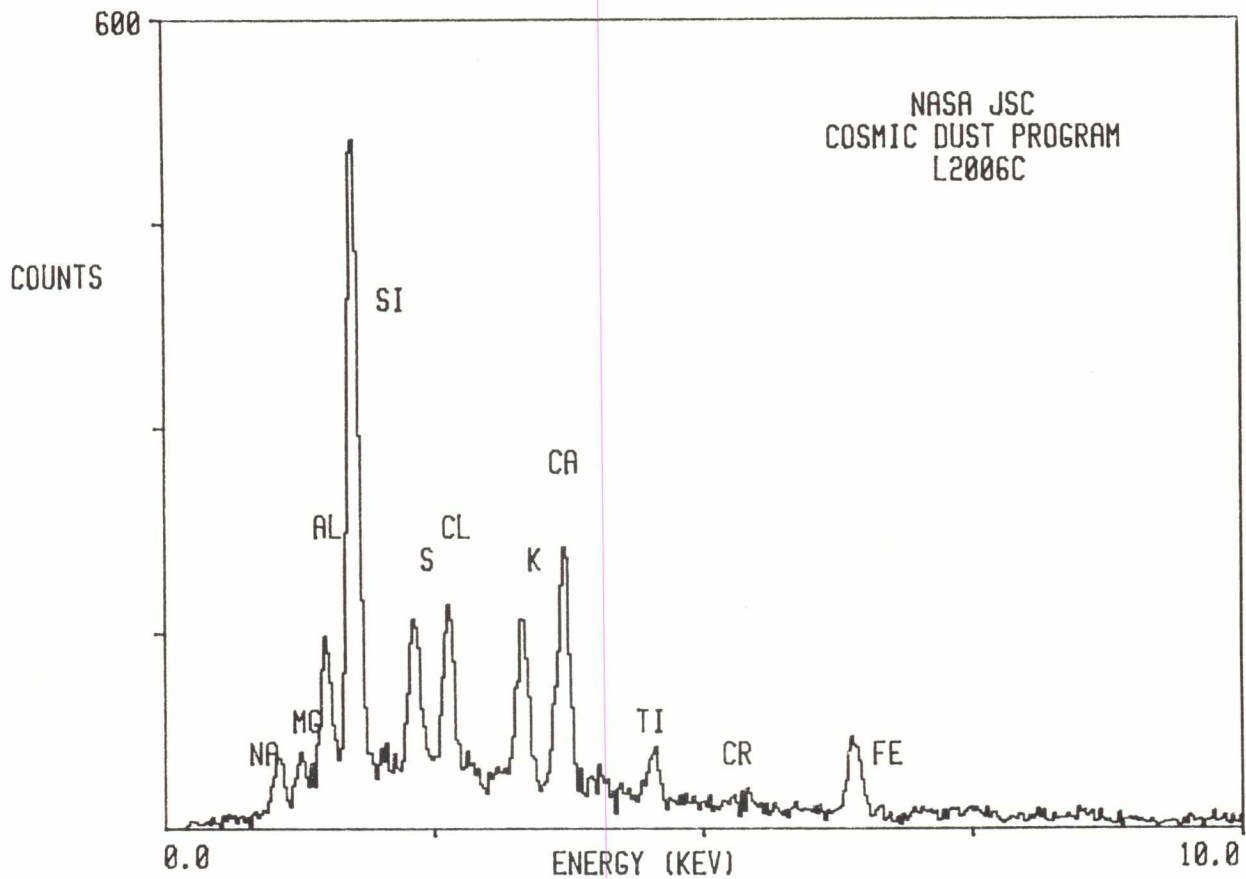


L2006 C 17

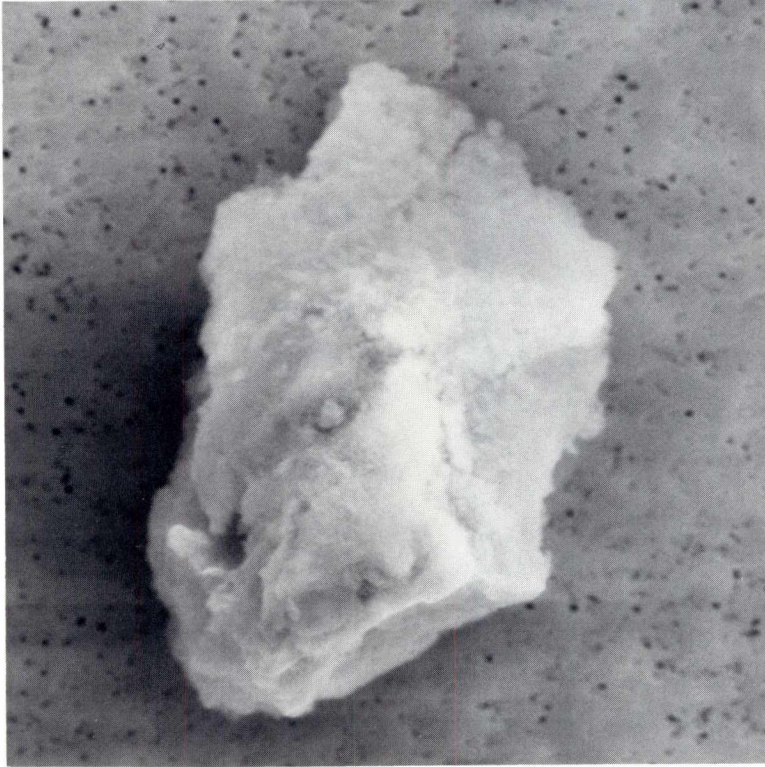


SIZE: 25x15  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D/SV  
TYPE: TCN?  
COMMENTS:

S-91-32141

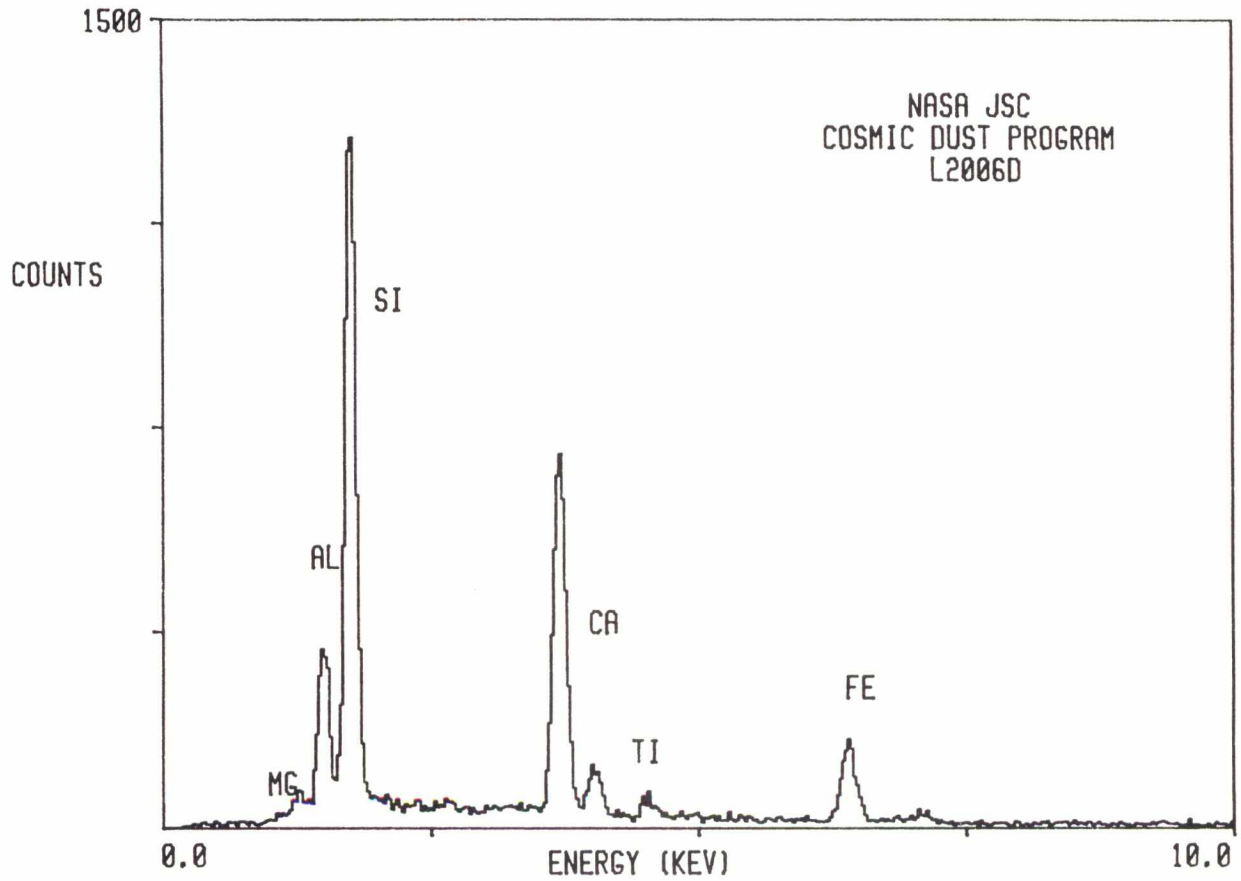


L2006 D 1

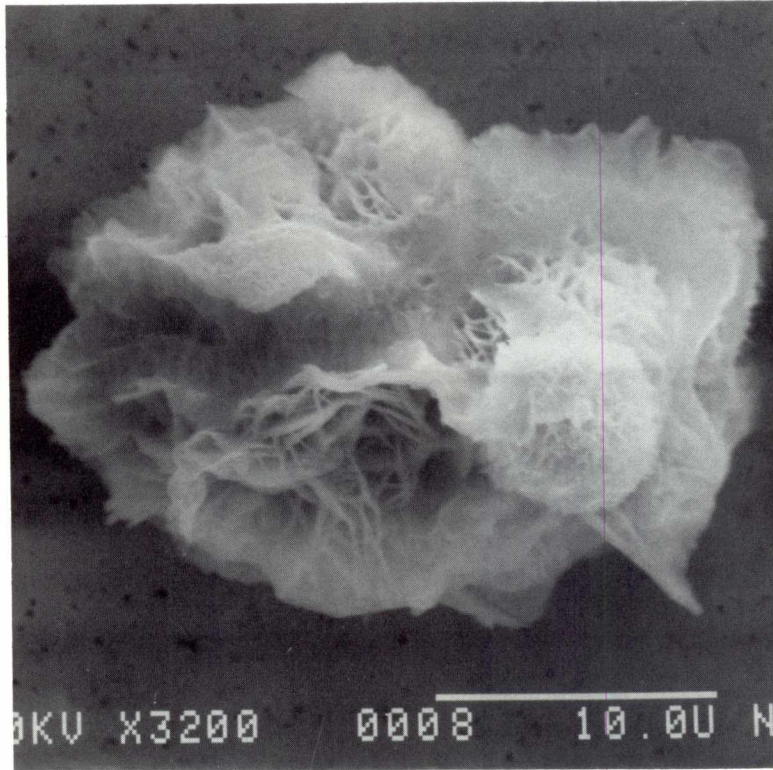


SIZE: 25x20  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D  
TYPE: TCN?  
COMMENTS:

S-91-32037

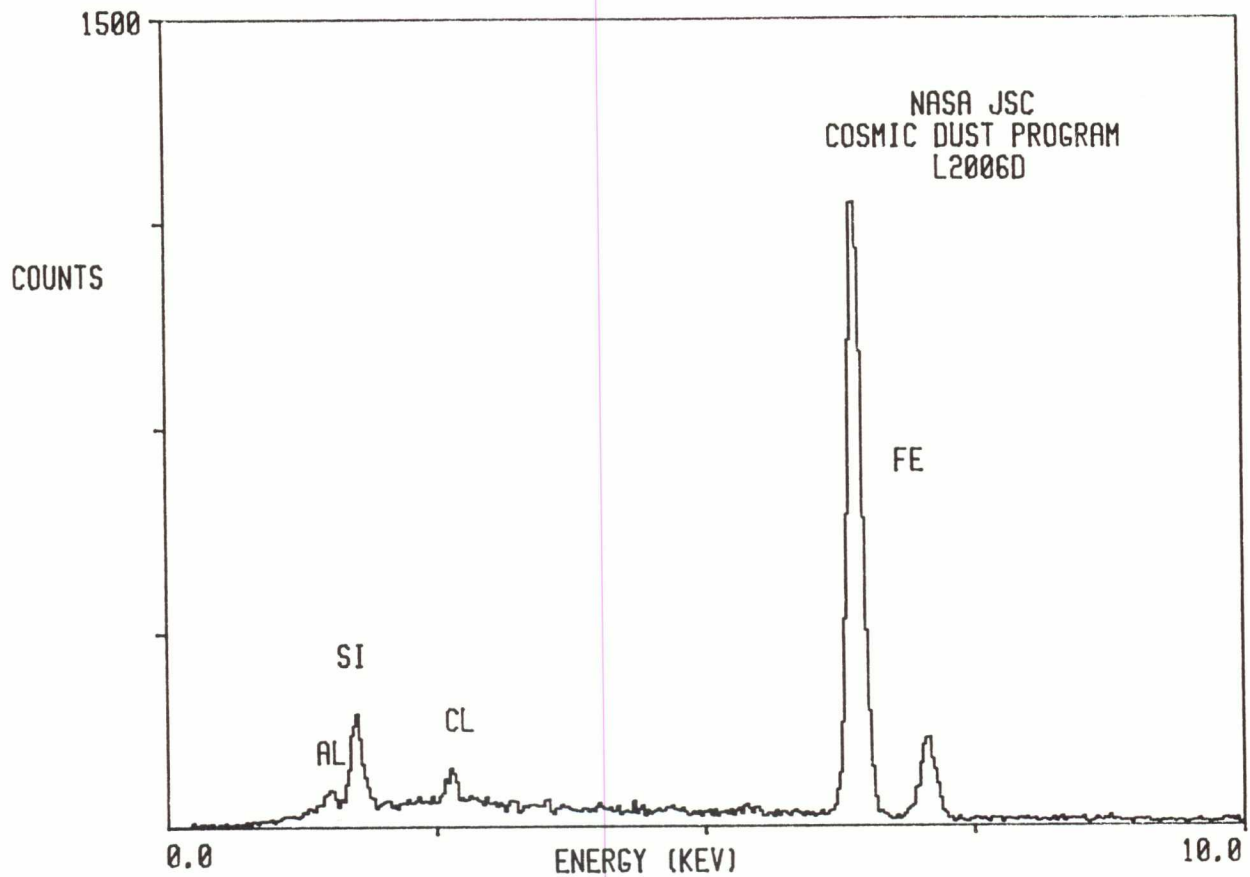


L2006 D 2



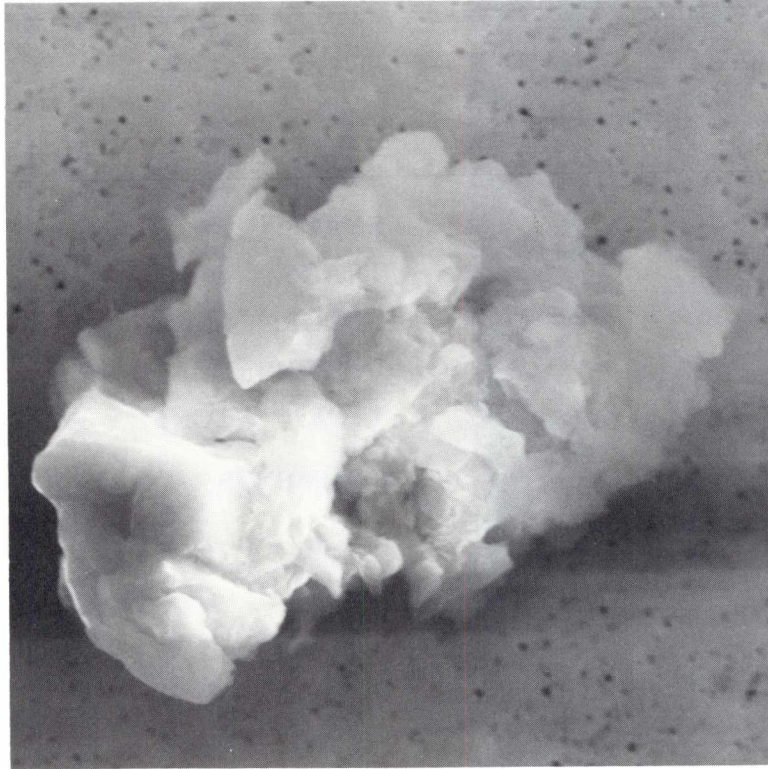
SIZE: 25x20  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D  
TYPE: TCN?  
COMMENTS:

S-91-32038



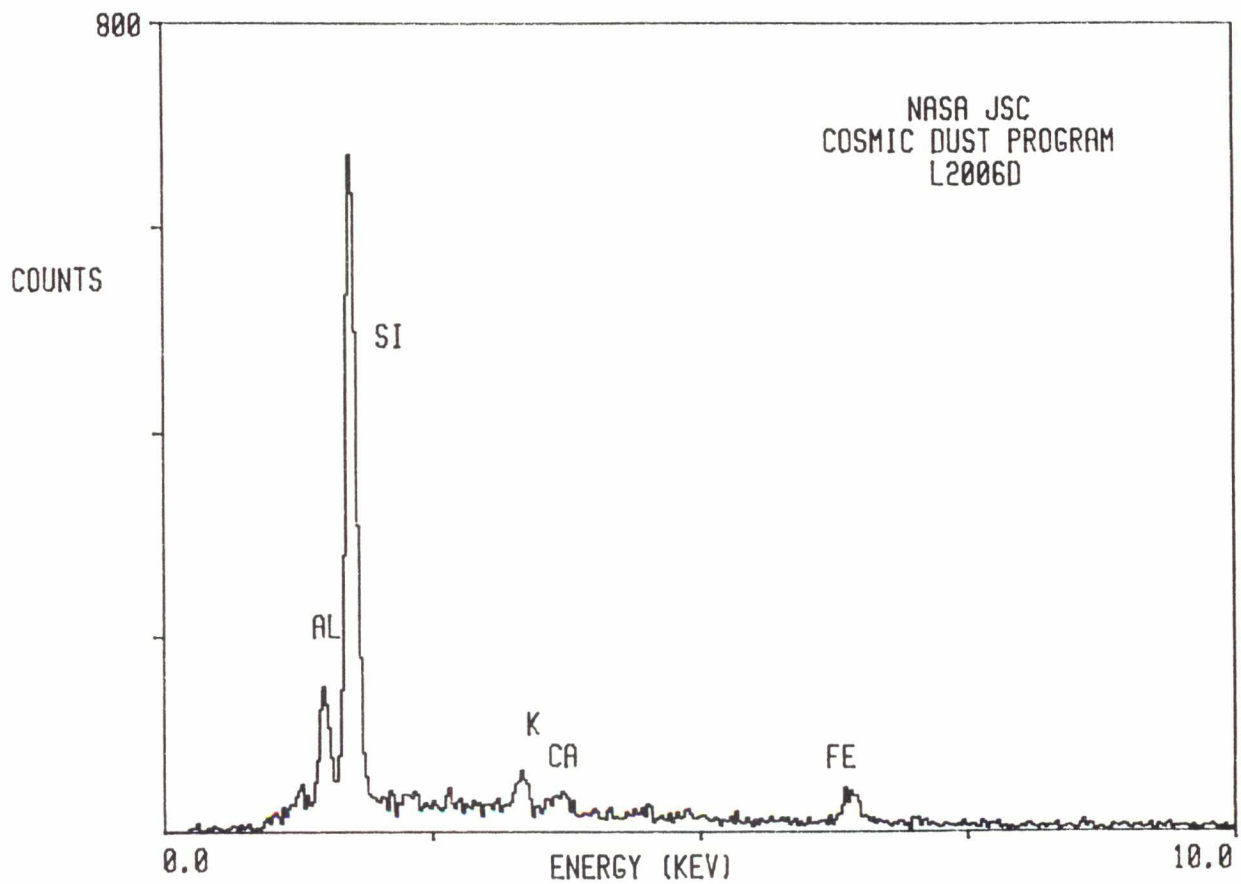
292

L2006 D 6



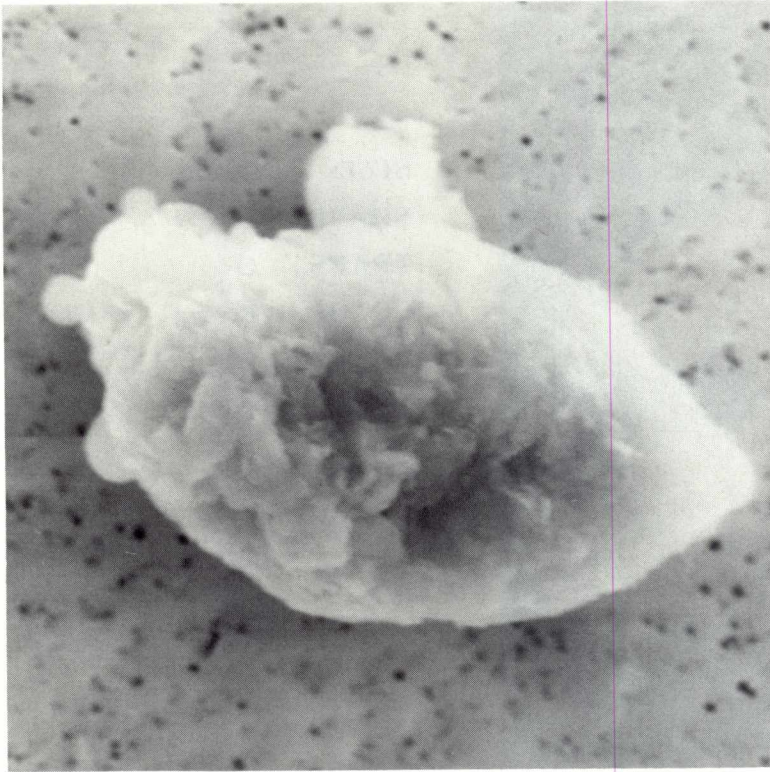
SIZE: 20x15  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D/SV  
TYPE: TCN  
COMMENTS:

S-91-32042



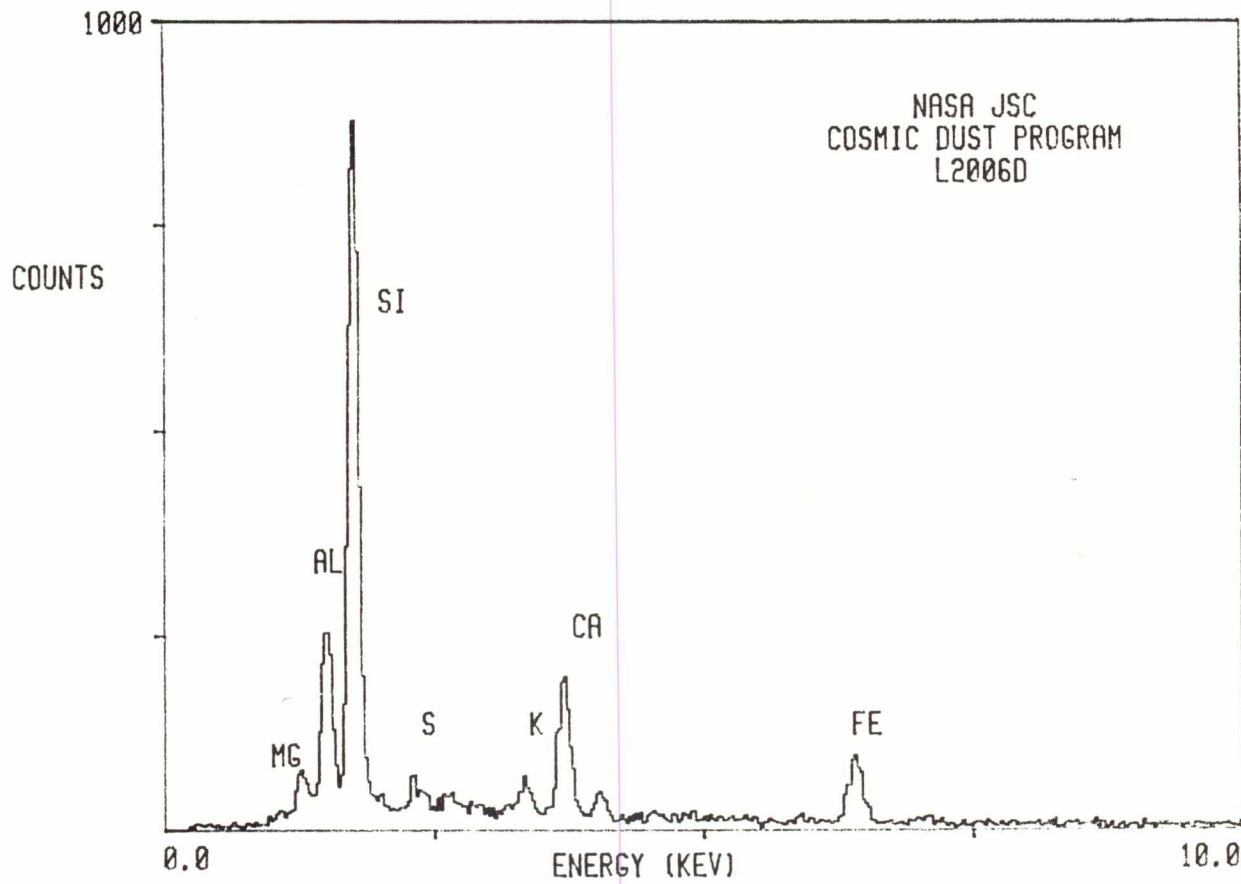


L2006 D 12

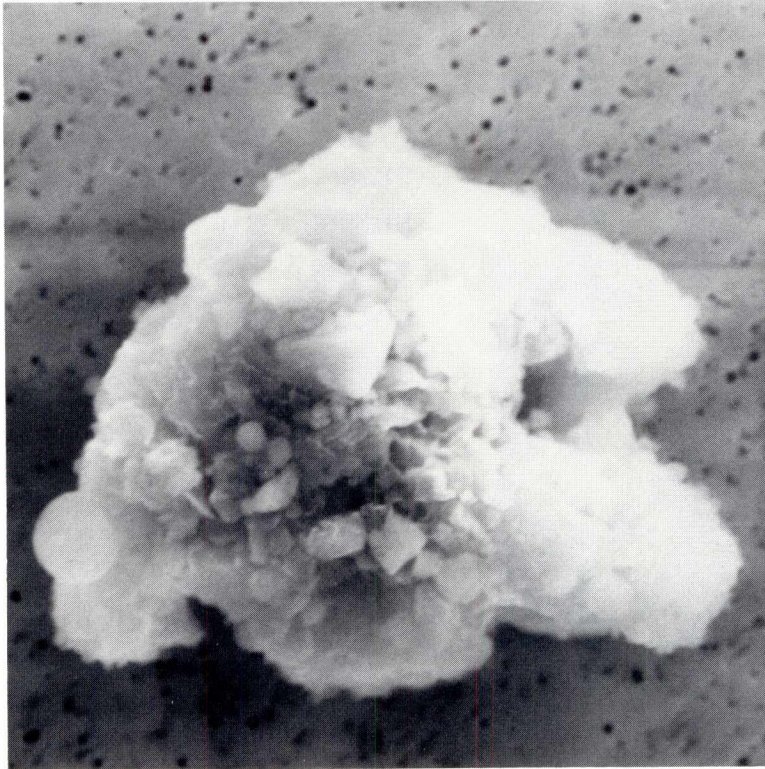


SIZE: 20x10  
SHAPE: S/E  
TRANS.: O  
COLOR: Brown  
LUSTER: SV  
TYPE: TCN  
COMMENTS:

S-91-32048

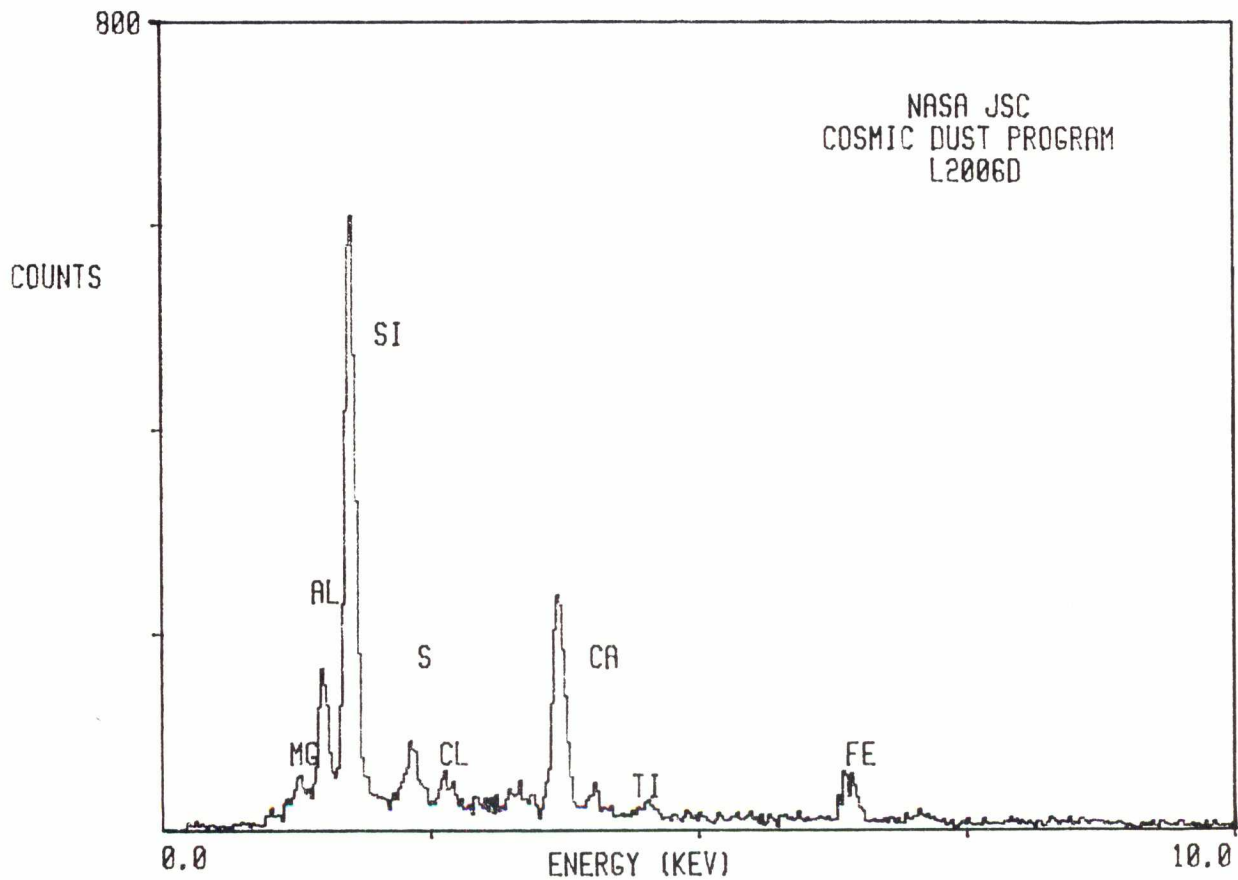


L2006 D 15

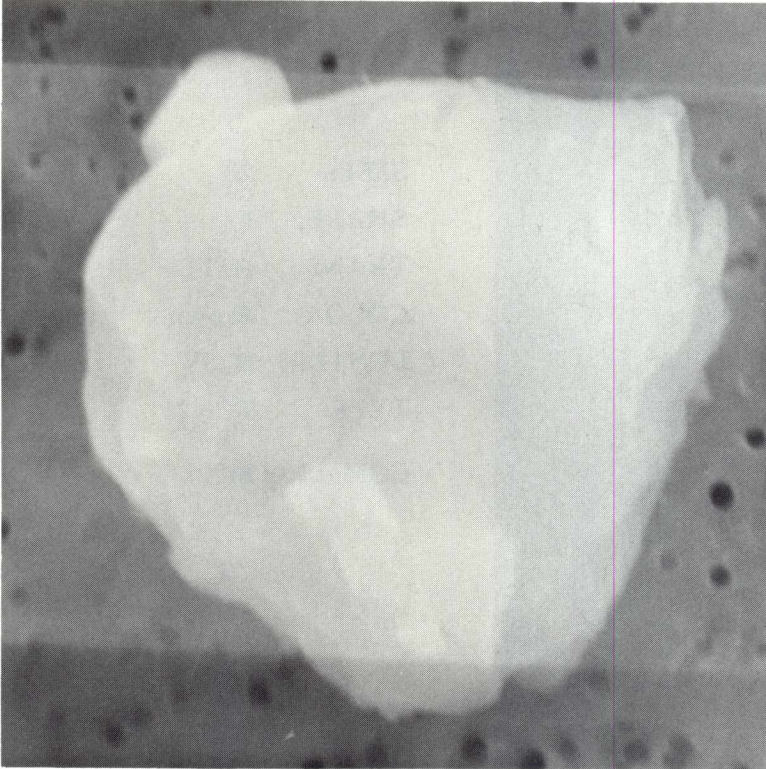


SIZE: 20x15  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D  
TYPE: TCN  
COMMENTS:

S-91-32051

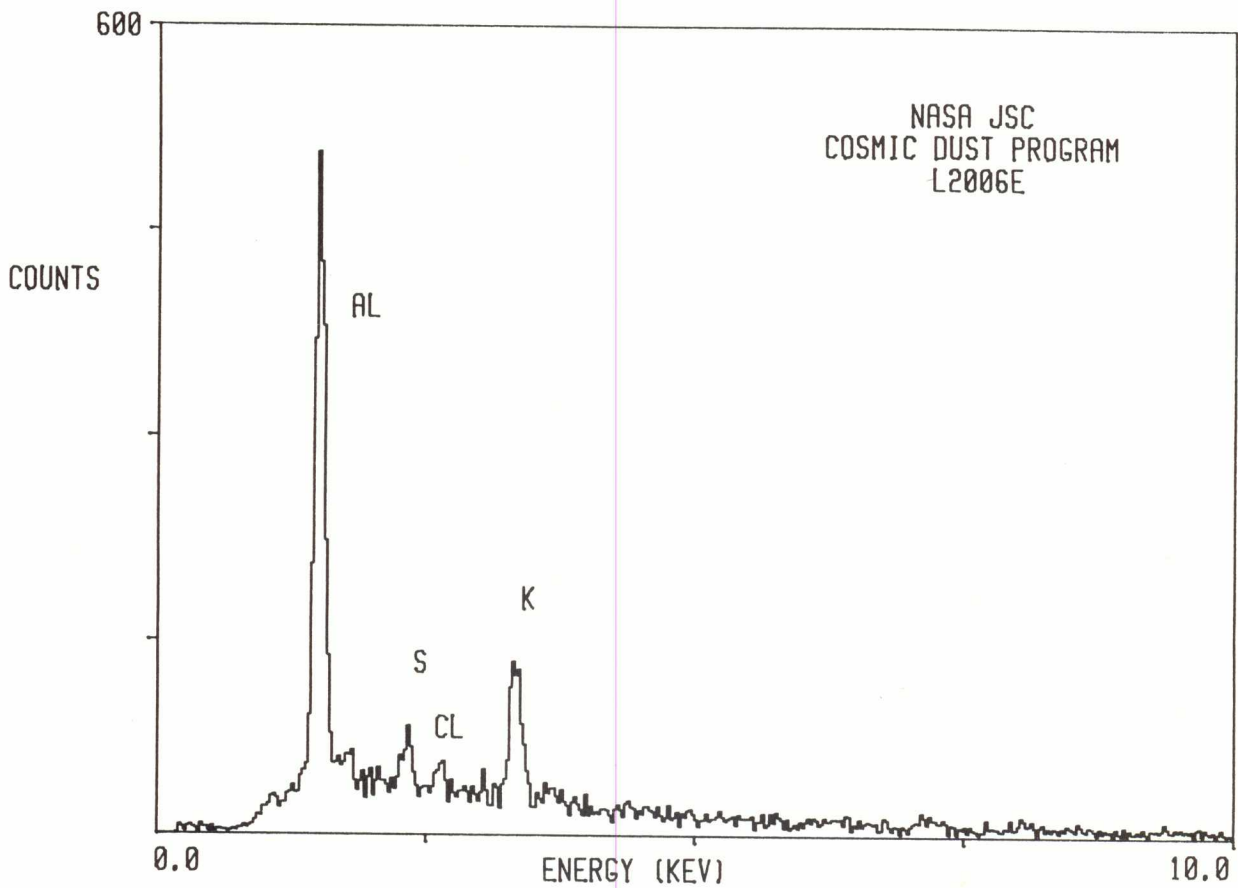


L2006 E 5

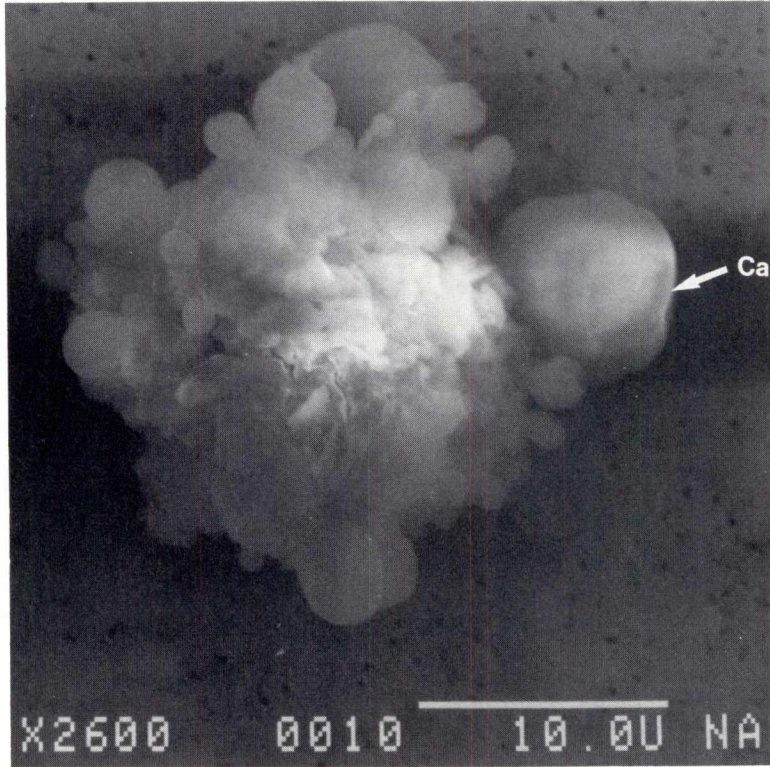


SIZE: 9x8  
SHAPE: I/E  
TRANS.: O  
COLOR: Brown  
LUSTER: D/SV  
TYPE: TCN  
COMMENTS:

S-91-32101

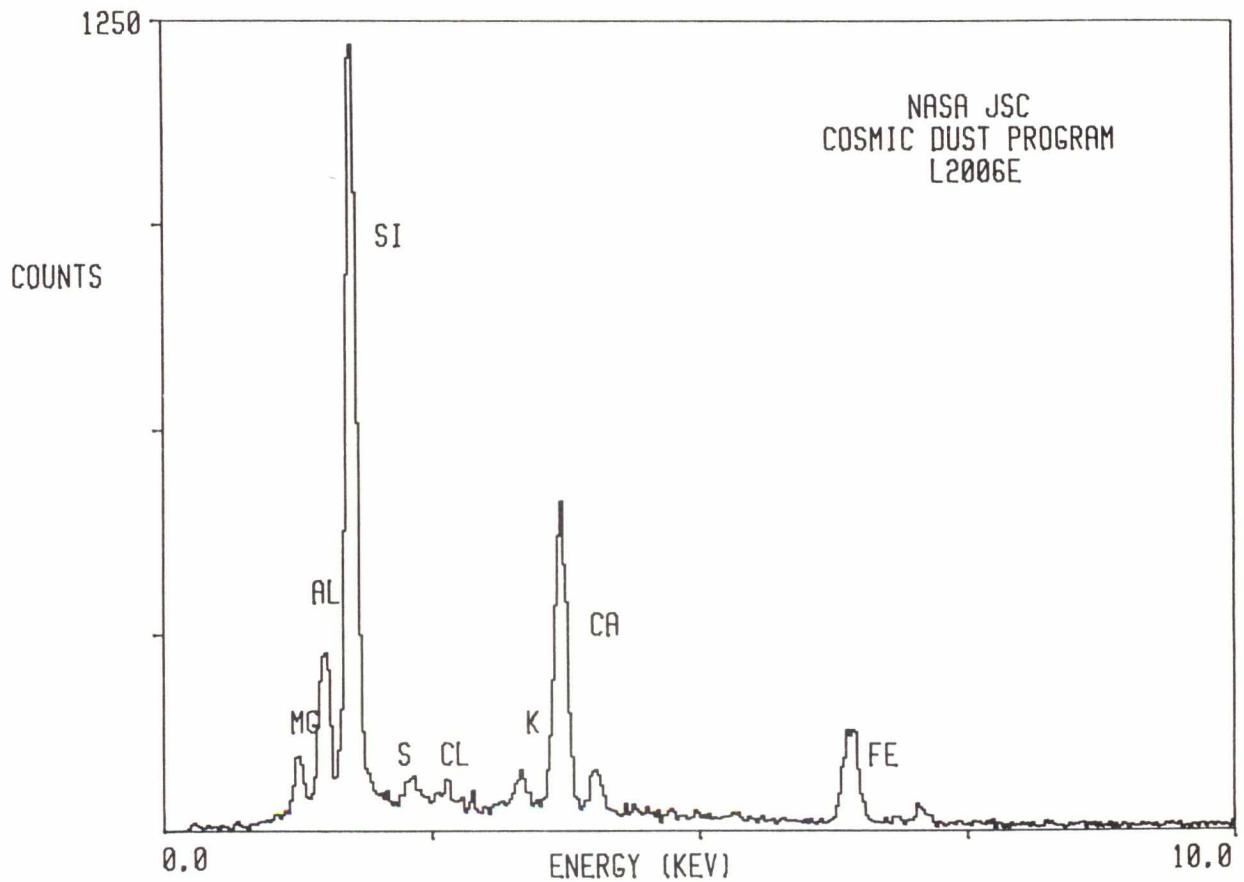


L2006 E 6

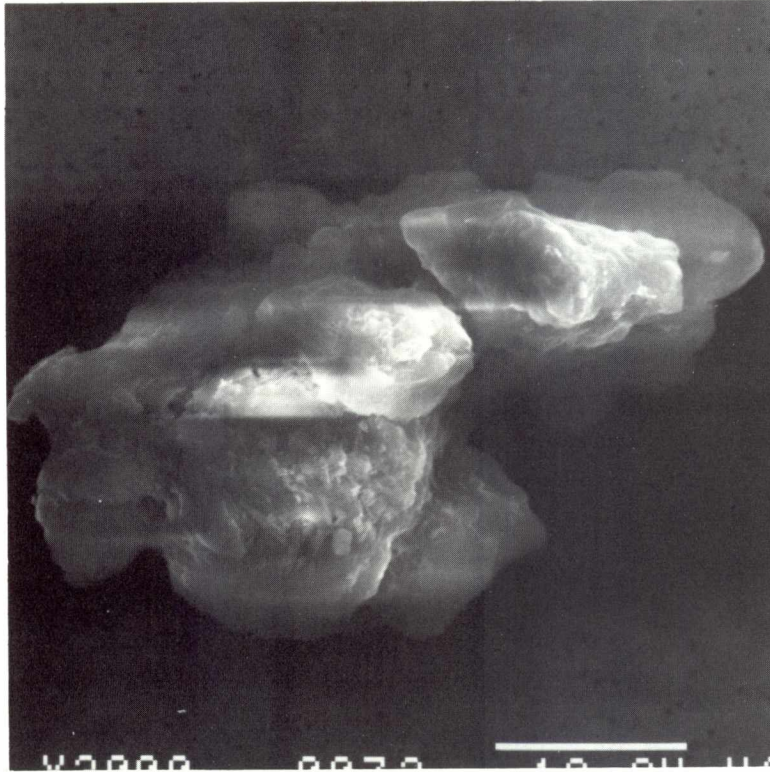


SIZE: 20  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: D/SV  
TYPE: TCN?  
COMMENTS:

S-91-32102

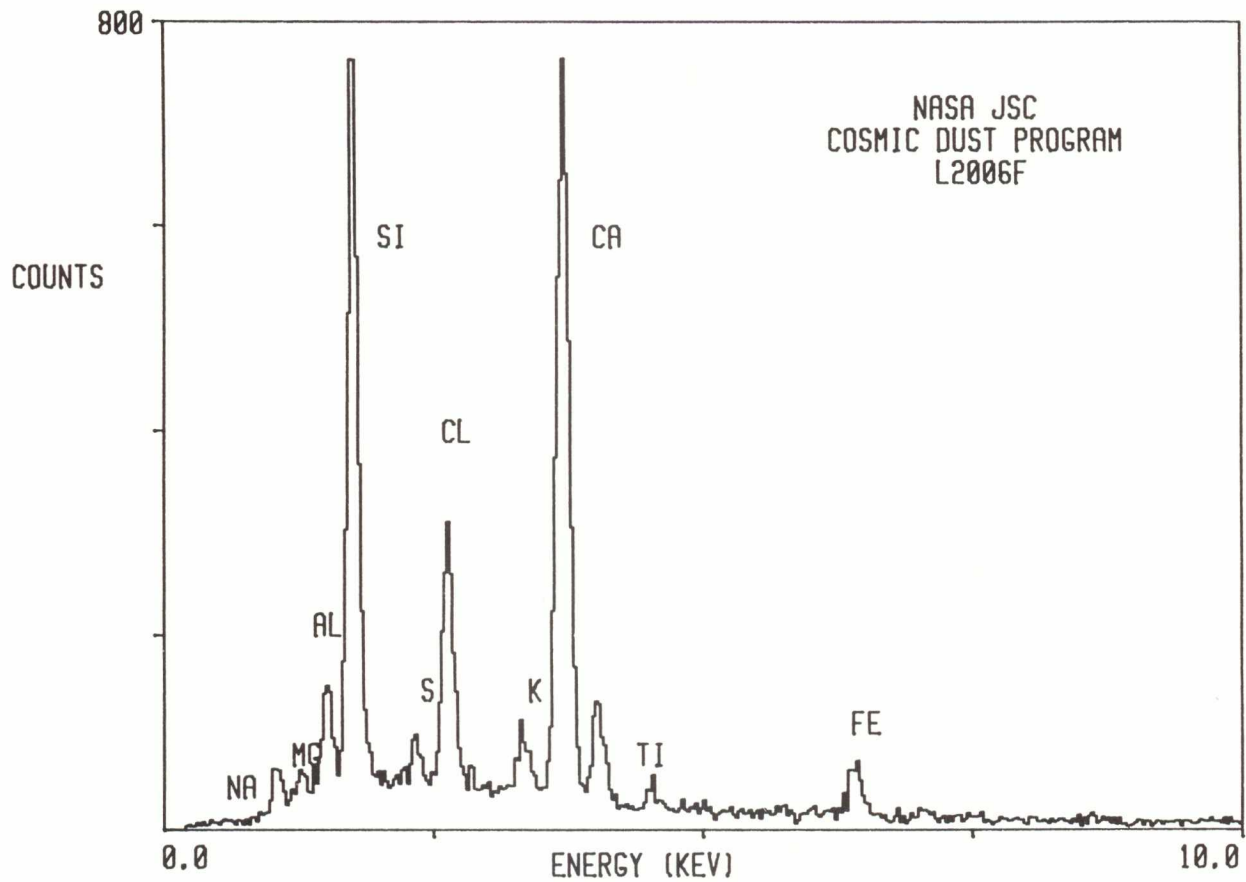


L2006 F 1

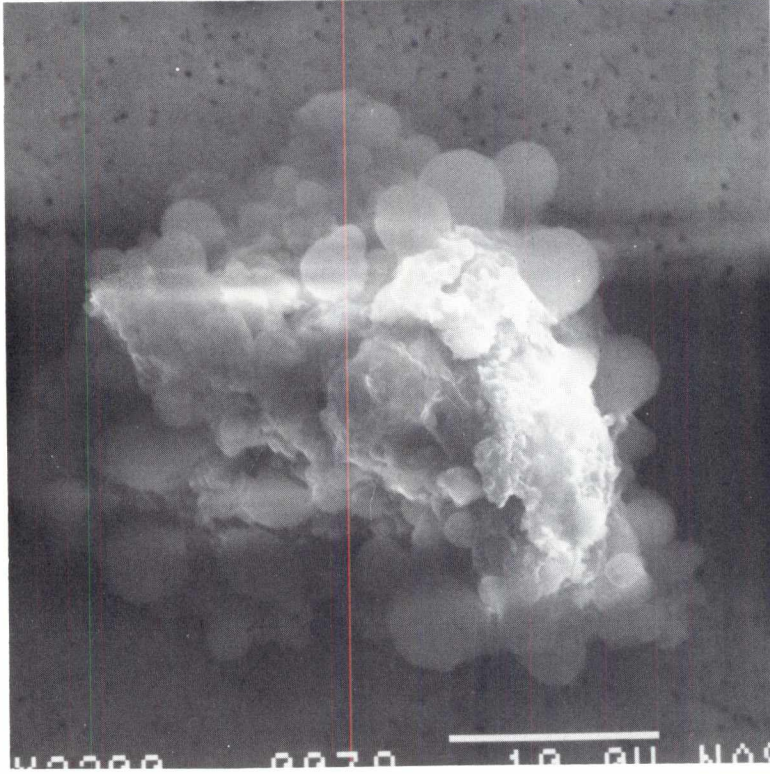


SIZE: 35x20  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D  
TYPE: TCN?  
COMMENTS:

S-91-32068

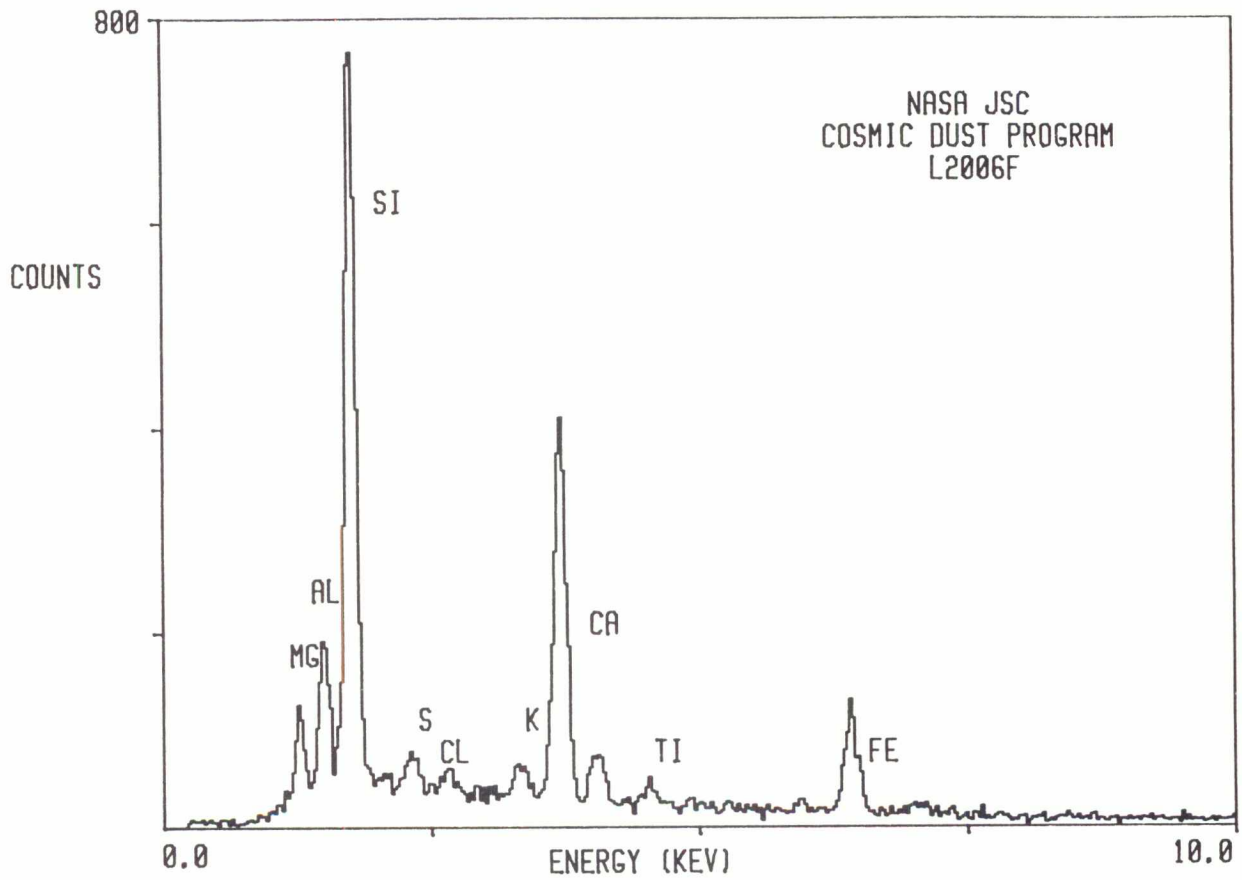


L2006 F 6

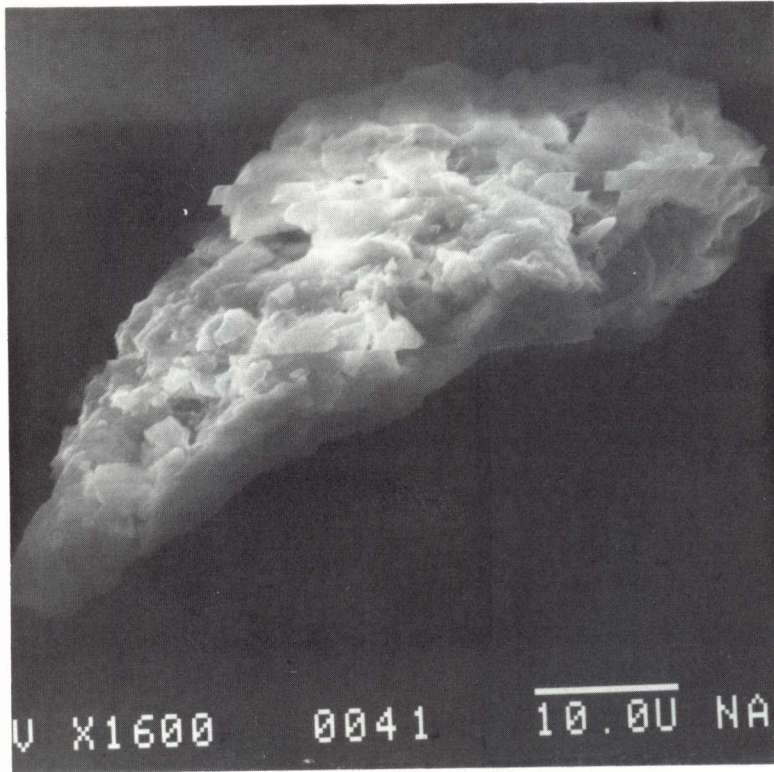


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COLOR: Brown  
LUSTER: D/SV  
TYPE: TCN  
COMMENTS:

S-91-32073

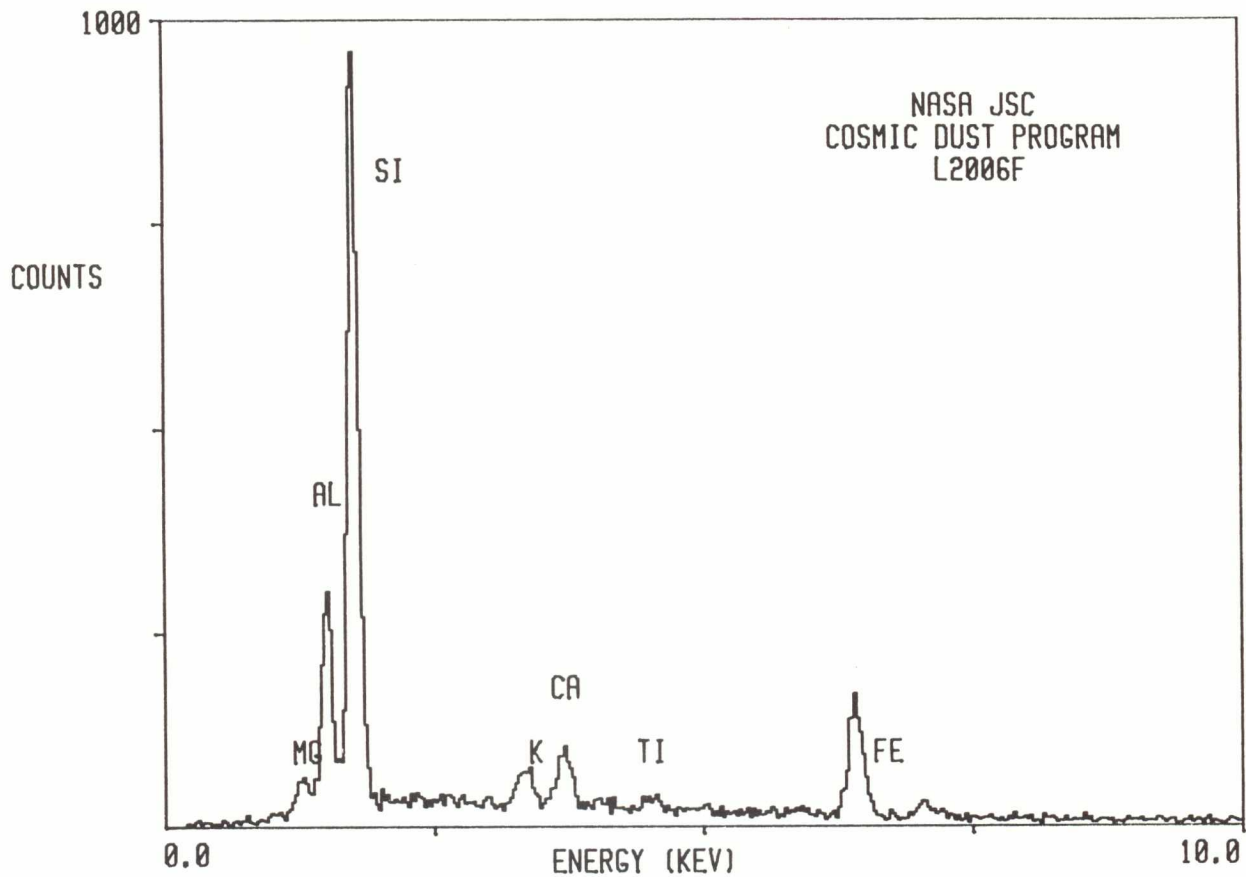


L2006 F 8

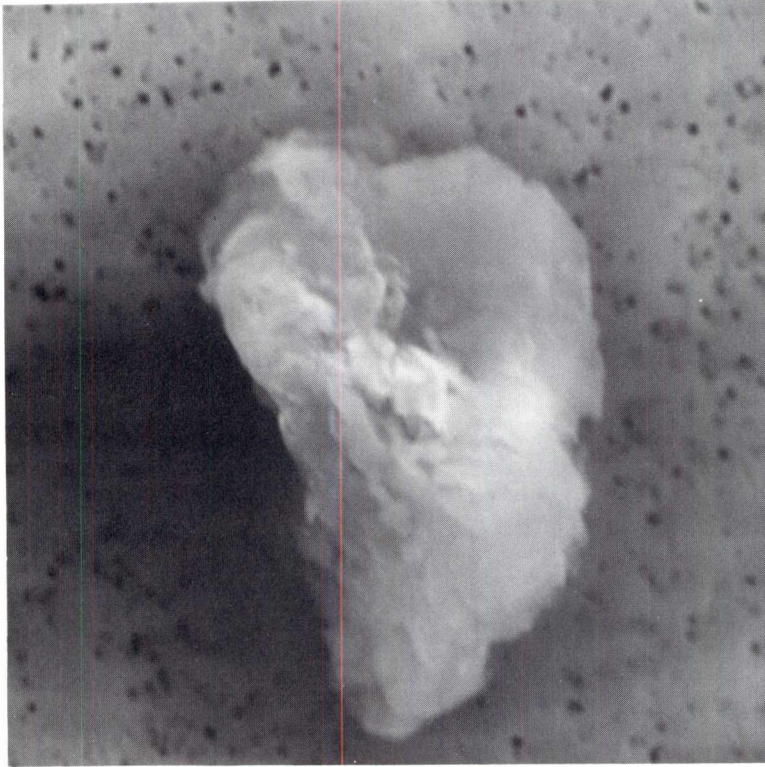


SIZE: 50x15  
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TRANS.: O/TL  
COLOR: Brown  
LUSTER: D/SV  
TYPE: TCN  
COMMENTS:

S-91-32075

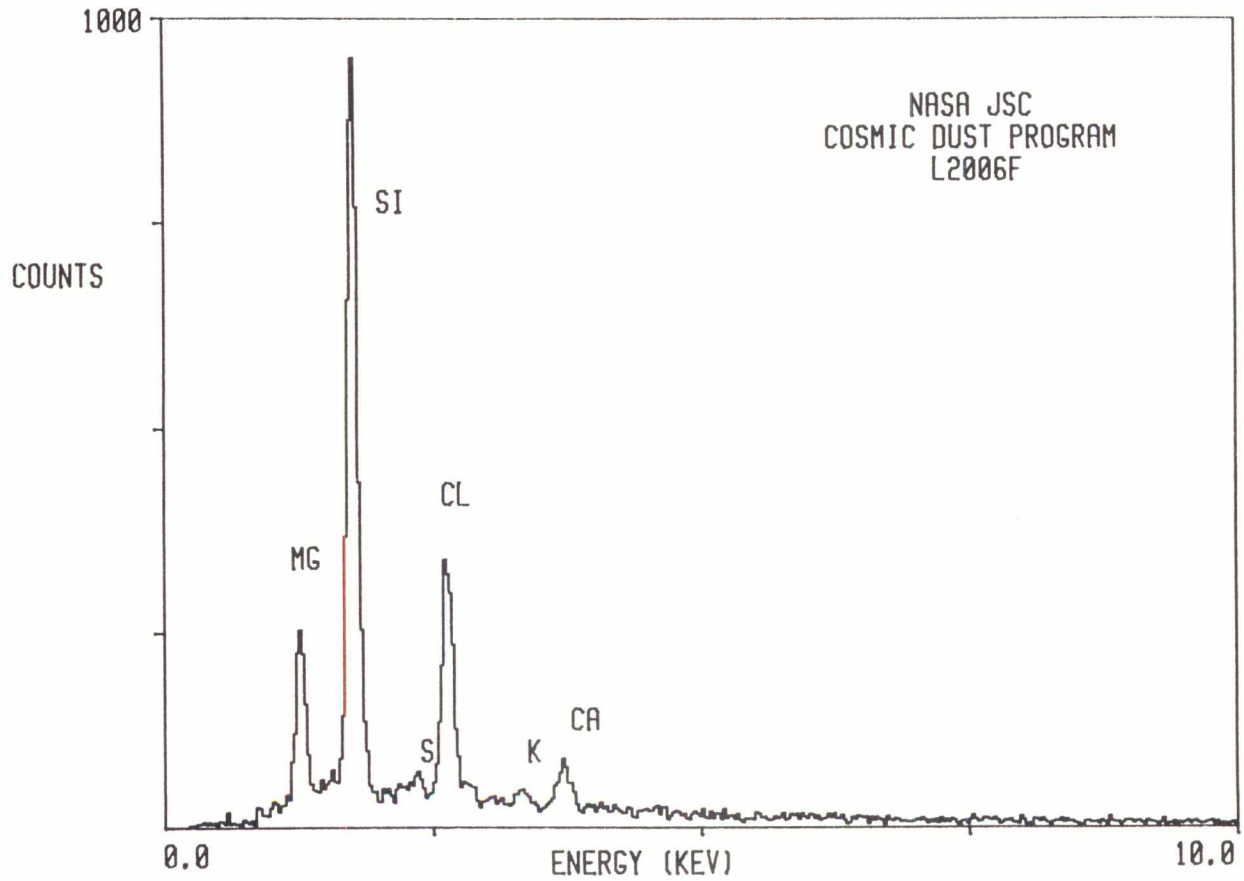


L2006 F 14



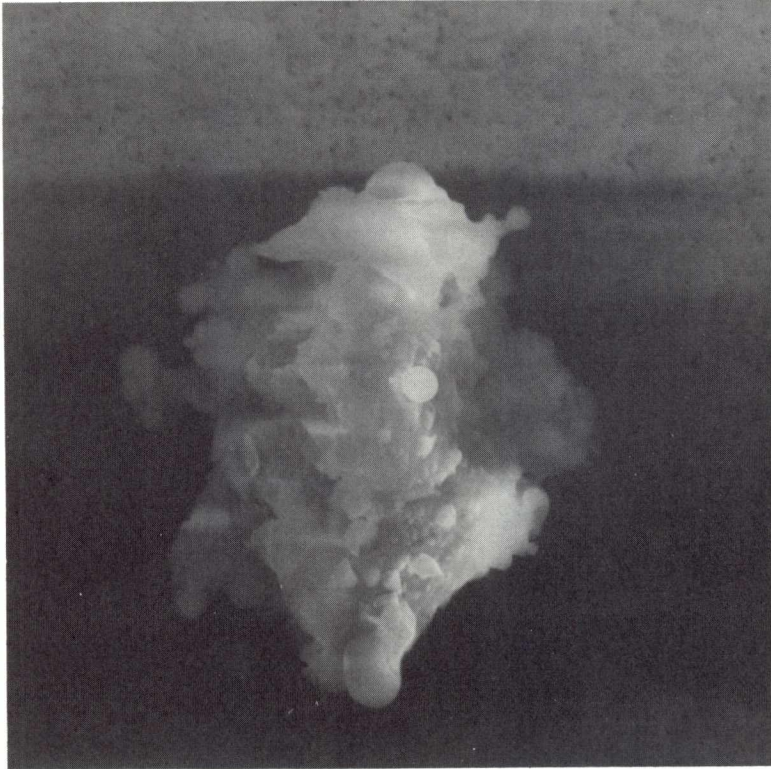
SIZE: 17x10  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: D/SV  
TYPE: TCN  
COMMENTS:

S-91-32081



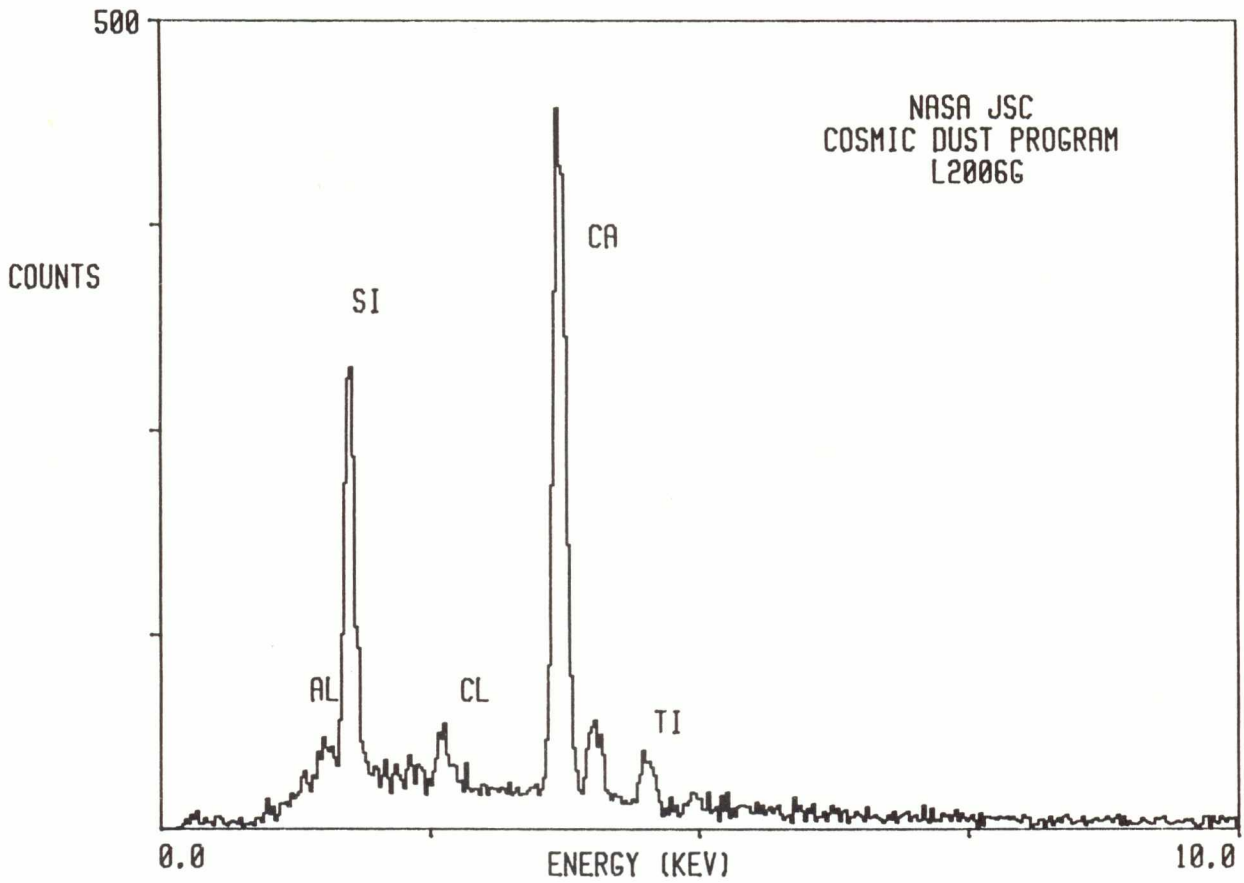


L2006 G 3

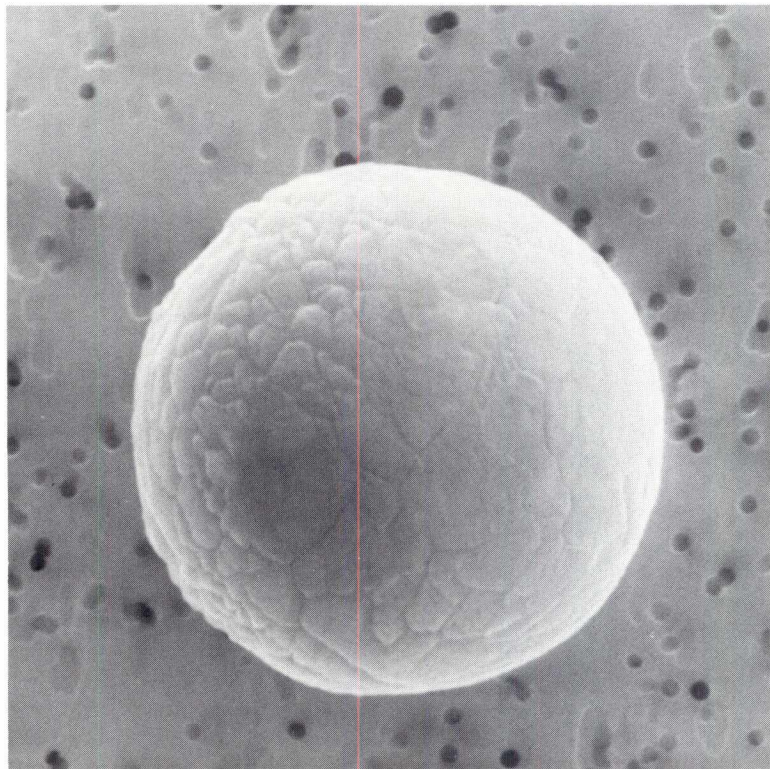


SIZE: 45x30  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D  
TYPE: TCN?  
COMMENTS:

S-91-32084

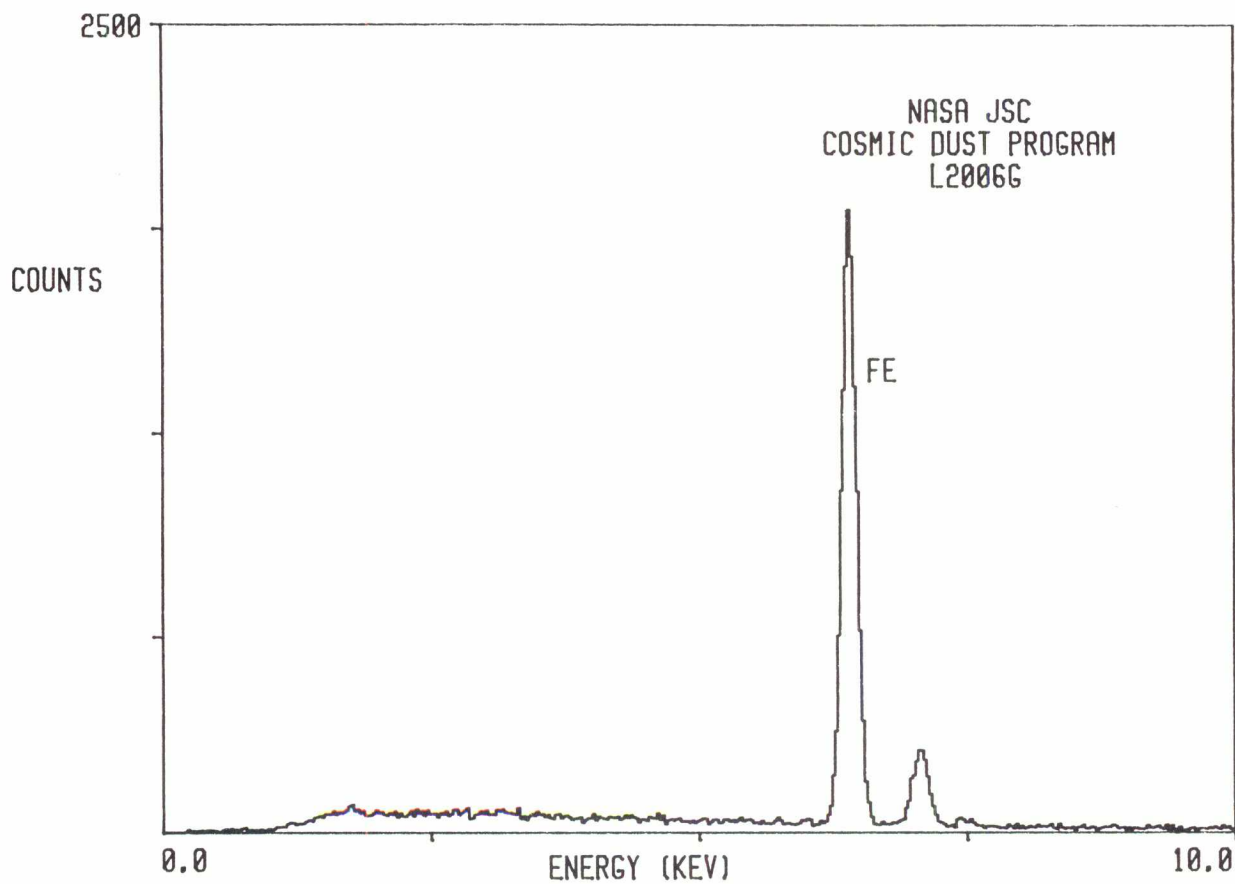


L2006 G 11

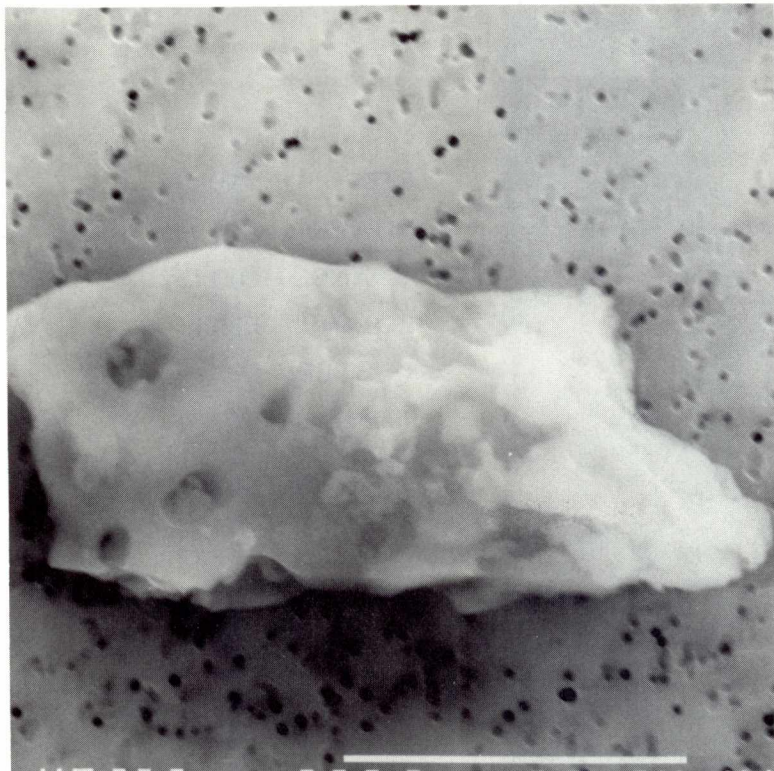


SIZE: 10  
SHAPE: S  
TRANS.: O  
COLOR: Black  
LUSTER: SM  
TYPE: TCN?  
COMMENTS:

S-91-32092

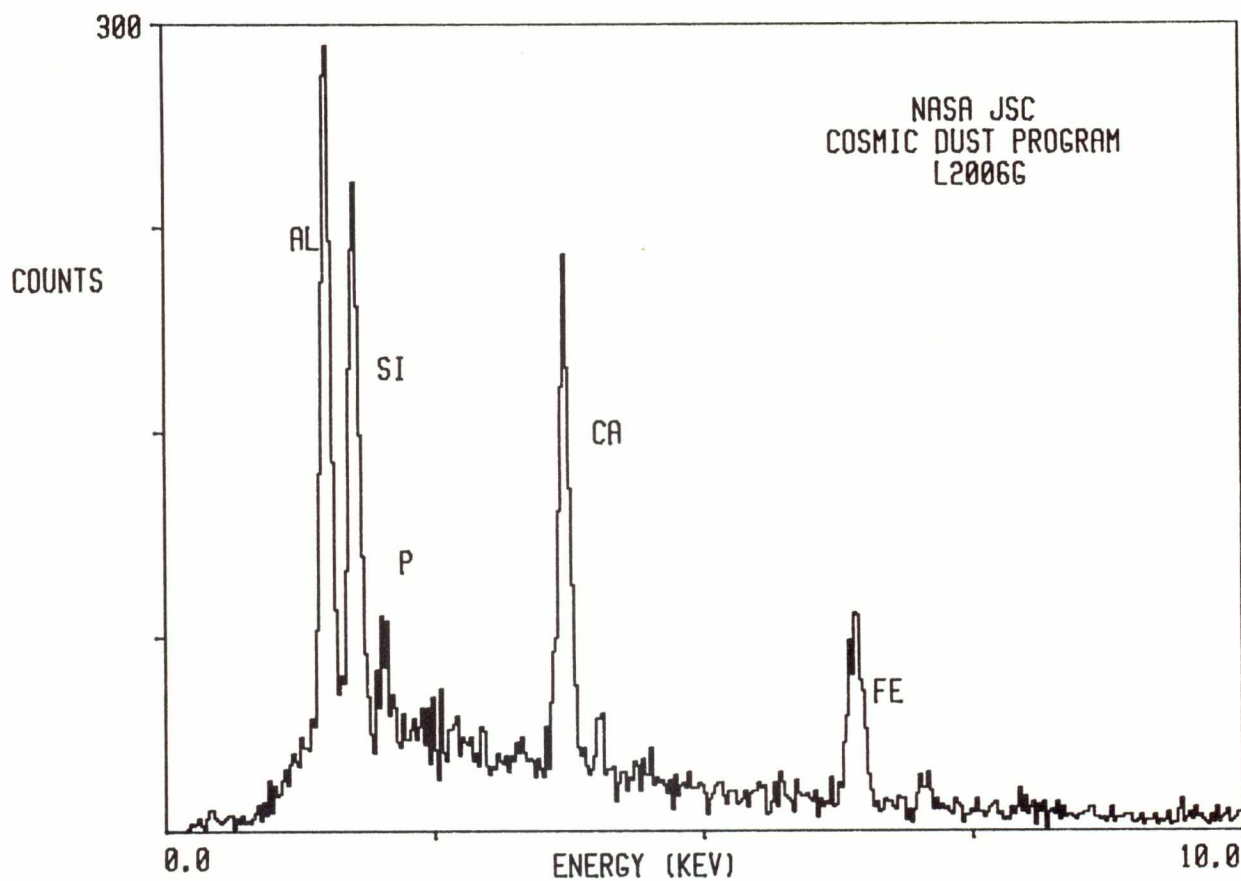


L2006 G 13

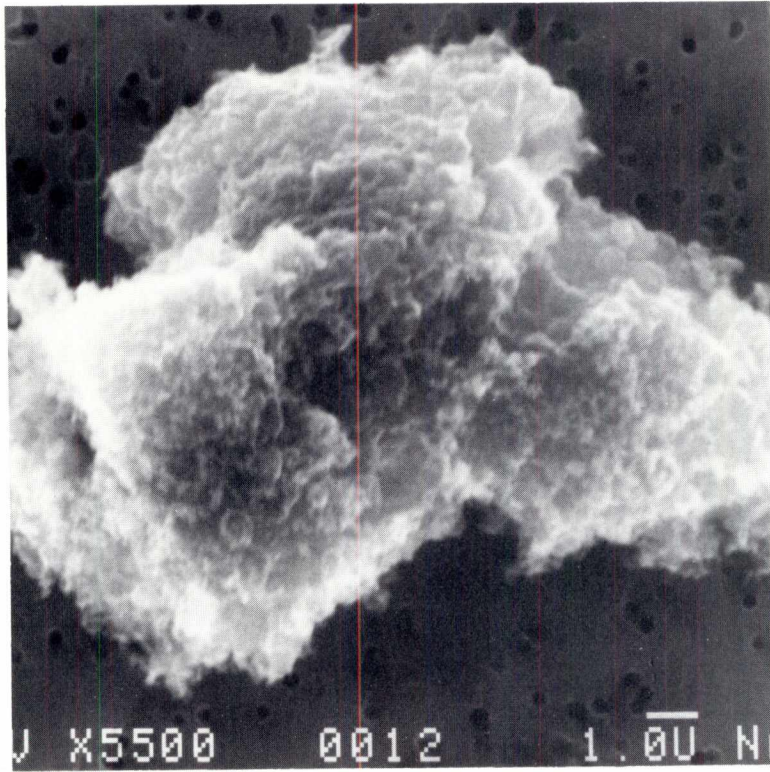


SIZE: 12x7  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV/D  
TYPE: TCN  
COMMENTS:

S-91-32094

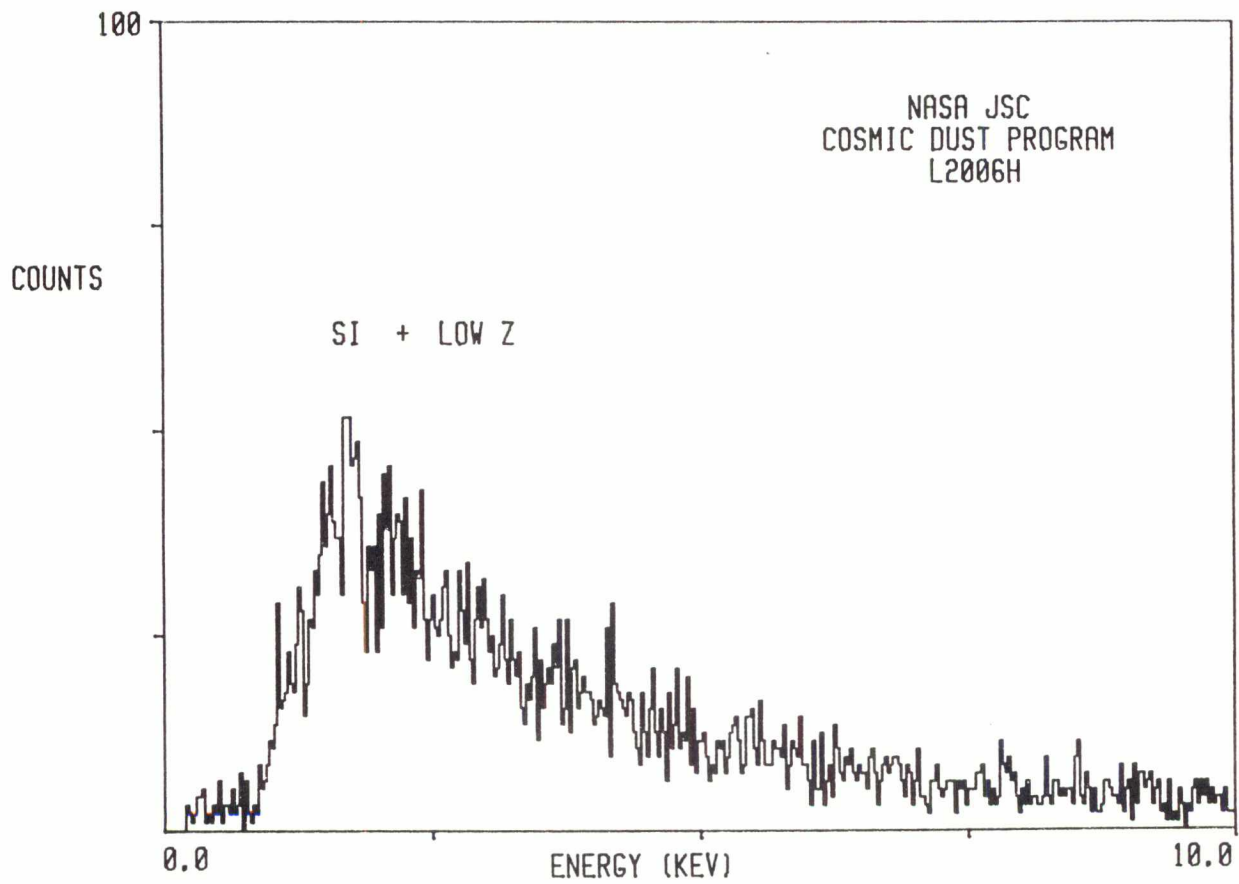


L2006 H 1

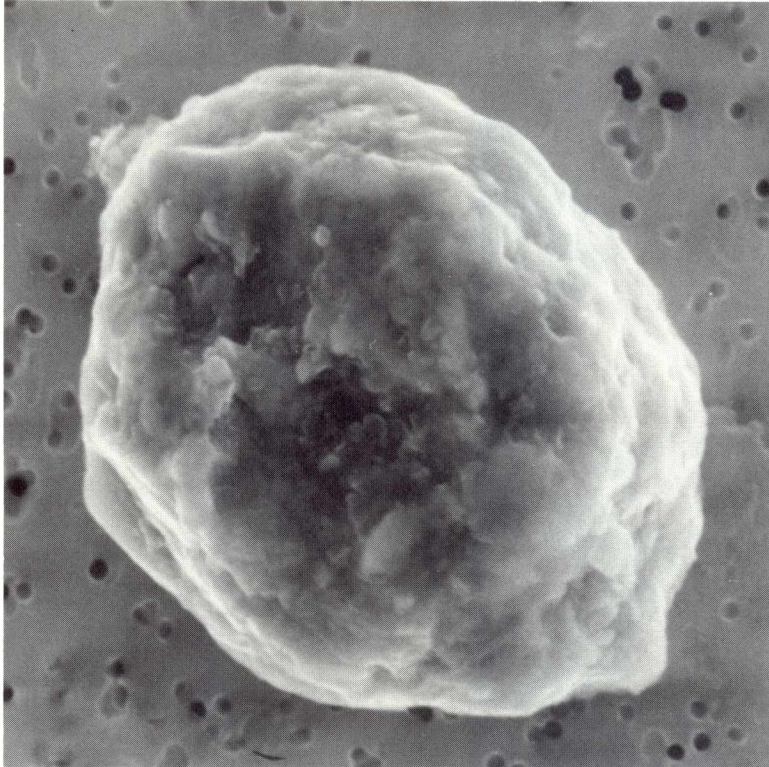


SIZE: 15x12  
SHAPE: I  
TRANS.: O/TL  
COLOR: Black  
LUSTER: D  
TYPE: TCN?  
COMMENTS:

S-91-32111

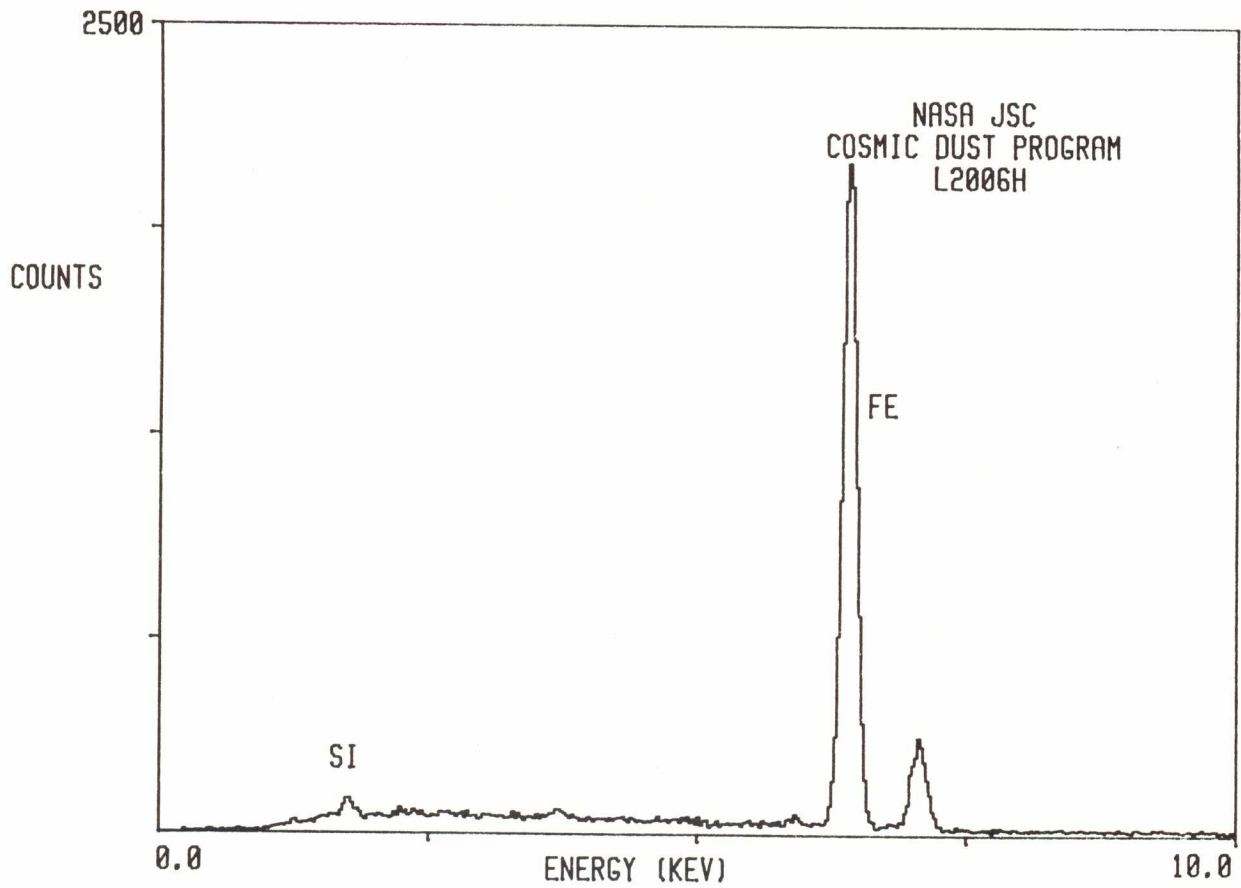


L2006 H 6

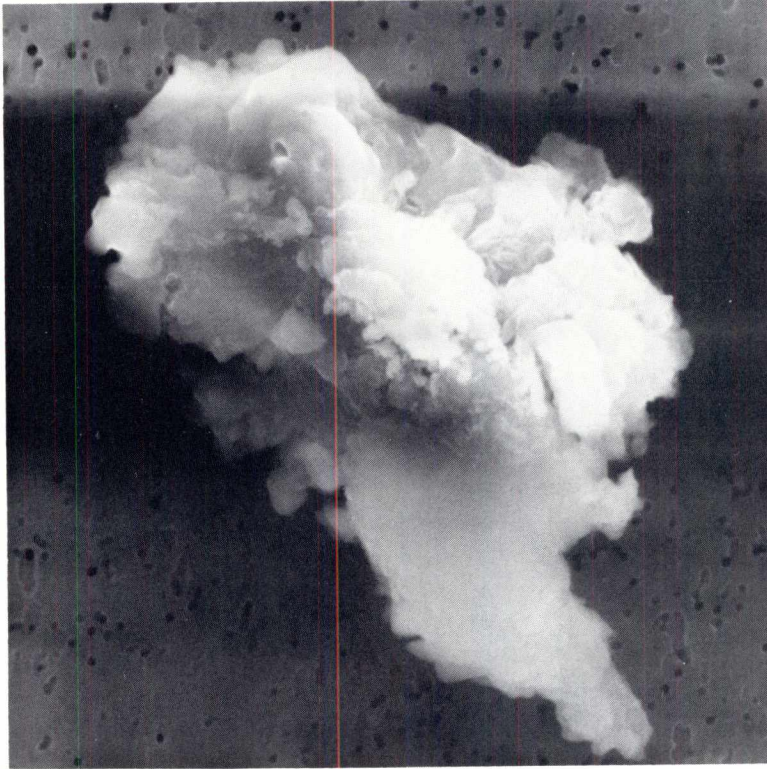


SIZE: 12  
SHAPE: I/E  
TRANS.: O  
COLOR: Brown  
LUSTER: D  
TYPE: TCN?  
COMMENTS:

S-91-32116

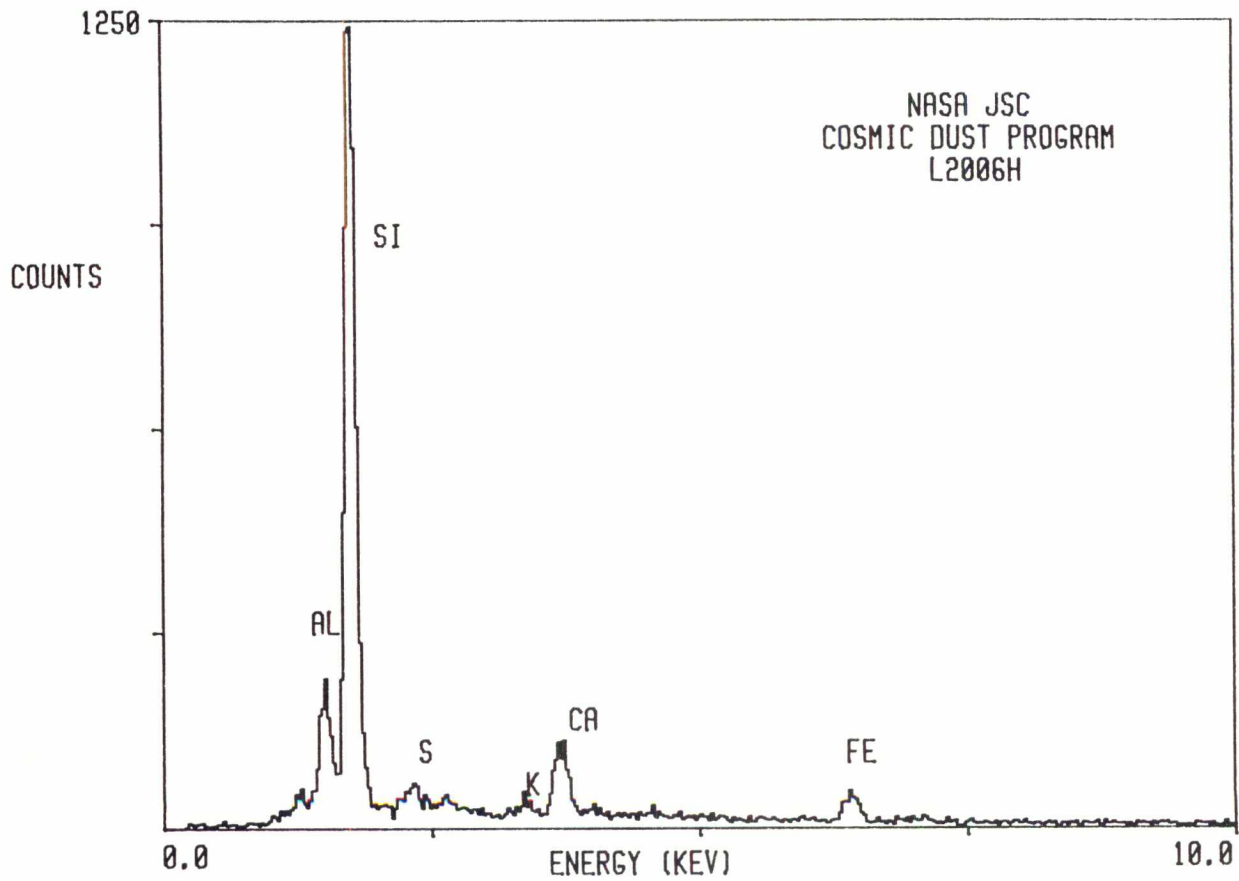


L2006 H 8

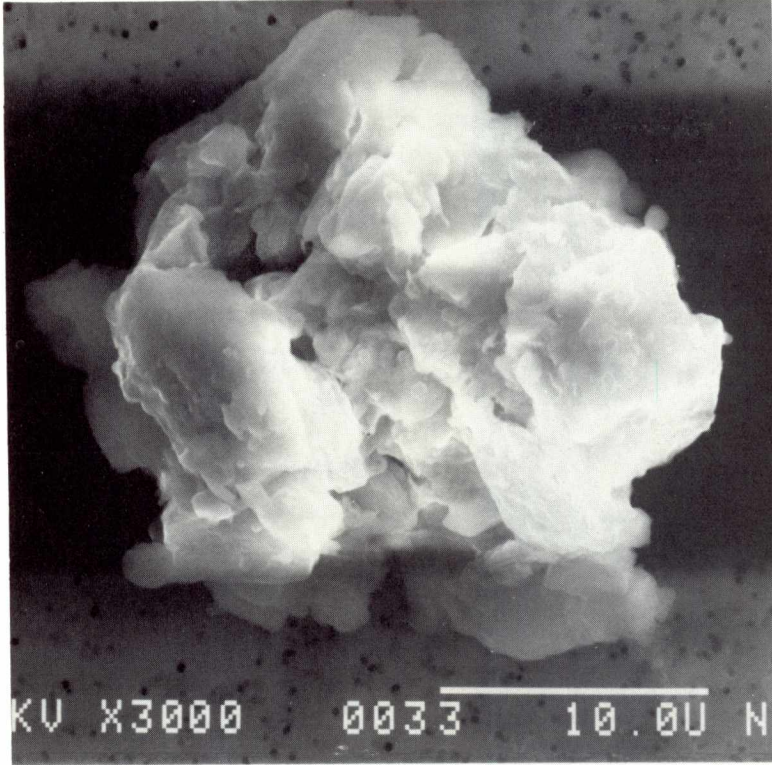


SIZE: 24x14  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: V  
TYPE: TCN  
COMMENTS:

S-91-32118

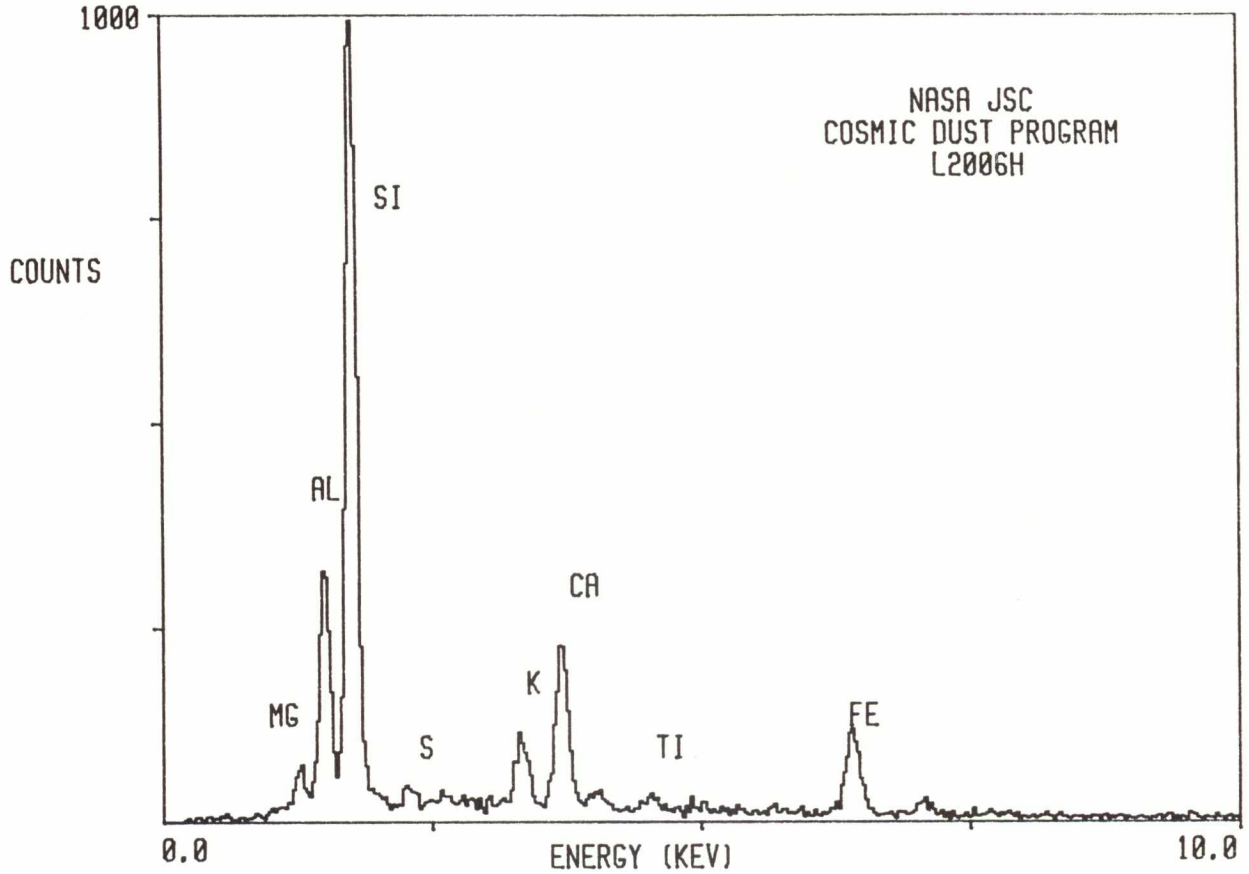


L2006 H 13

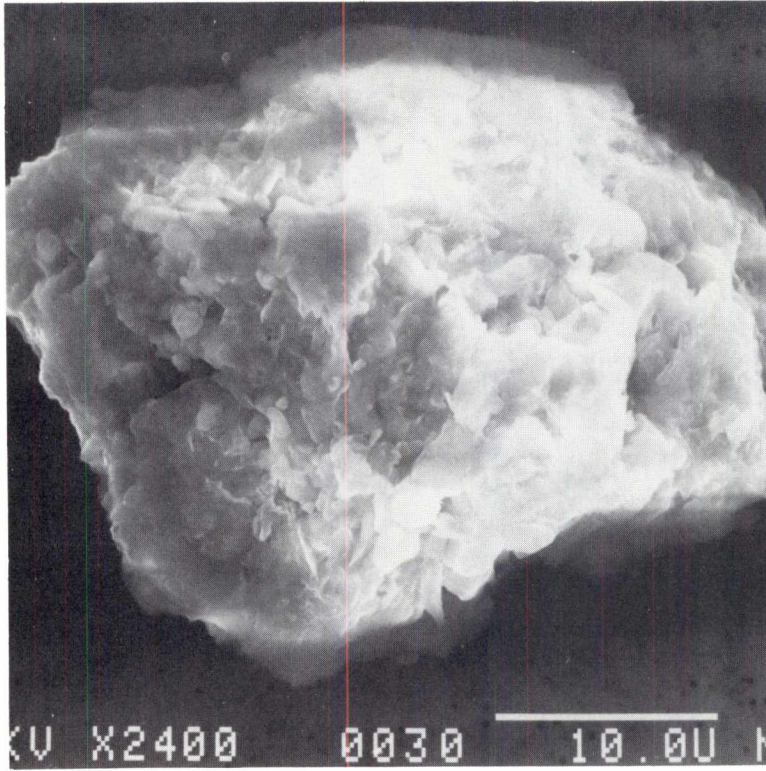


SIZE: 27  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: TCN  
COMMENTS:

S-91-32123

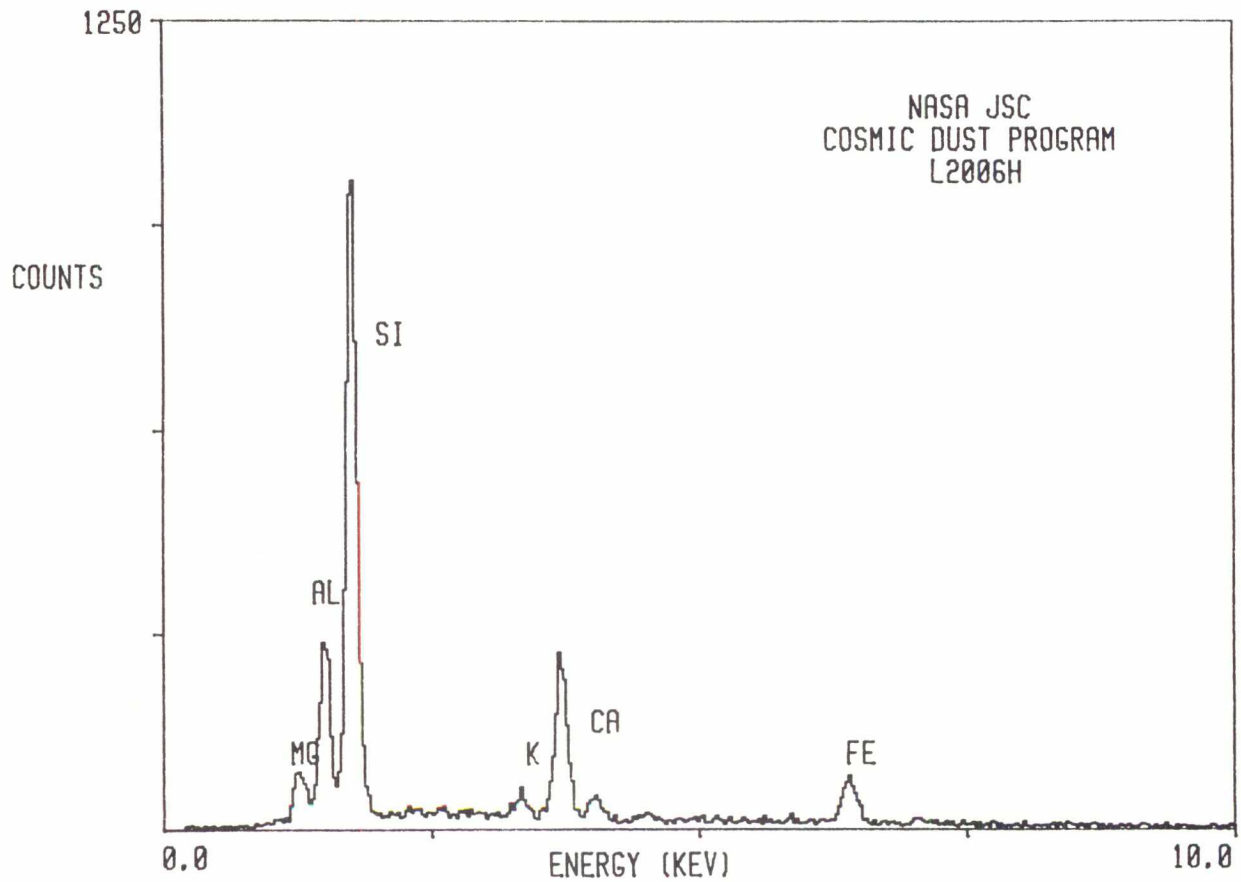


L2006 H 14



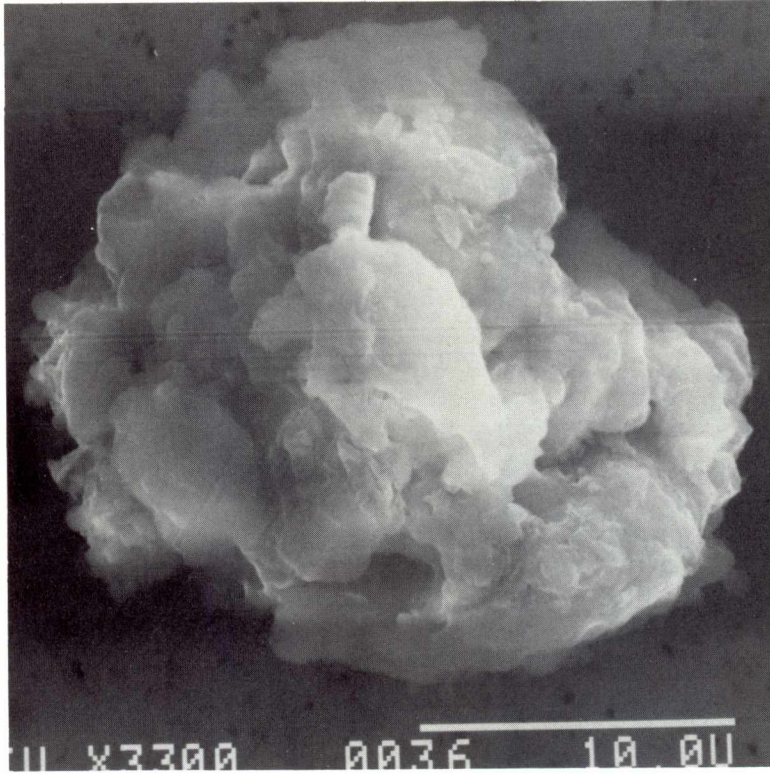
SIZE: 38x30  
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TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: TCN  
COMMENTS:

S-91-32124



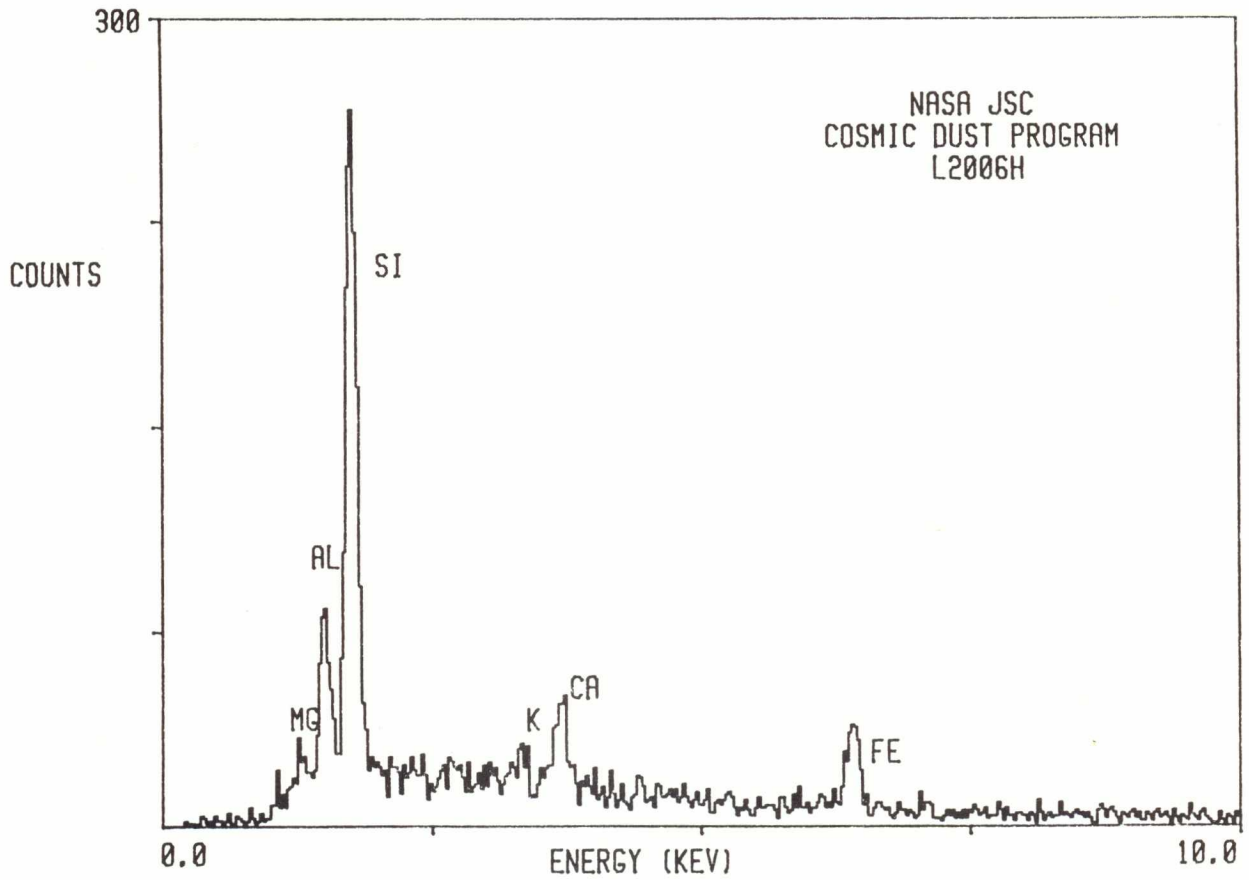


L2006 H 17

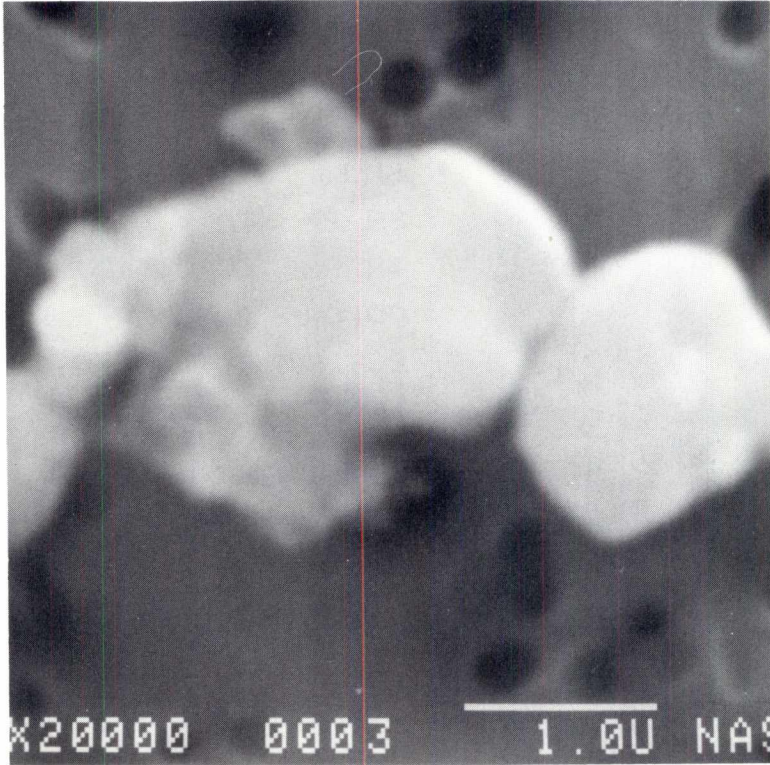


SIZE: 23  
SHAPE: I/E  
TRANS.: O  
COLOR: Black  
LUSTER: SV  
TYPE: TCN  
COMMENTS:

S-91-32127

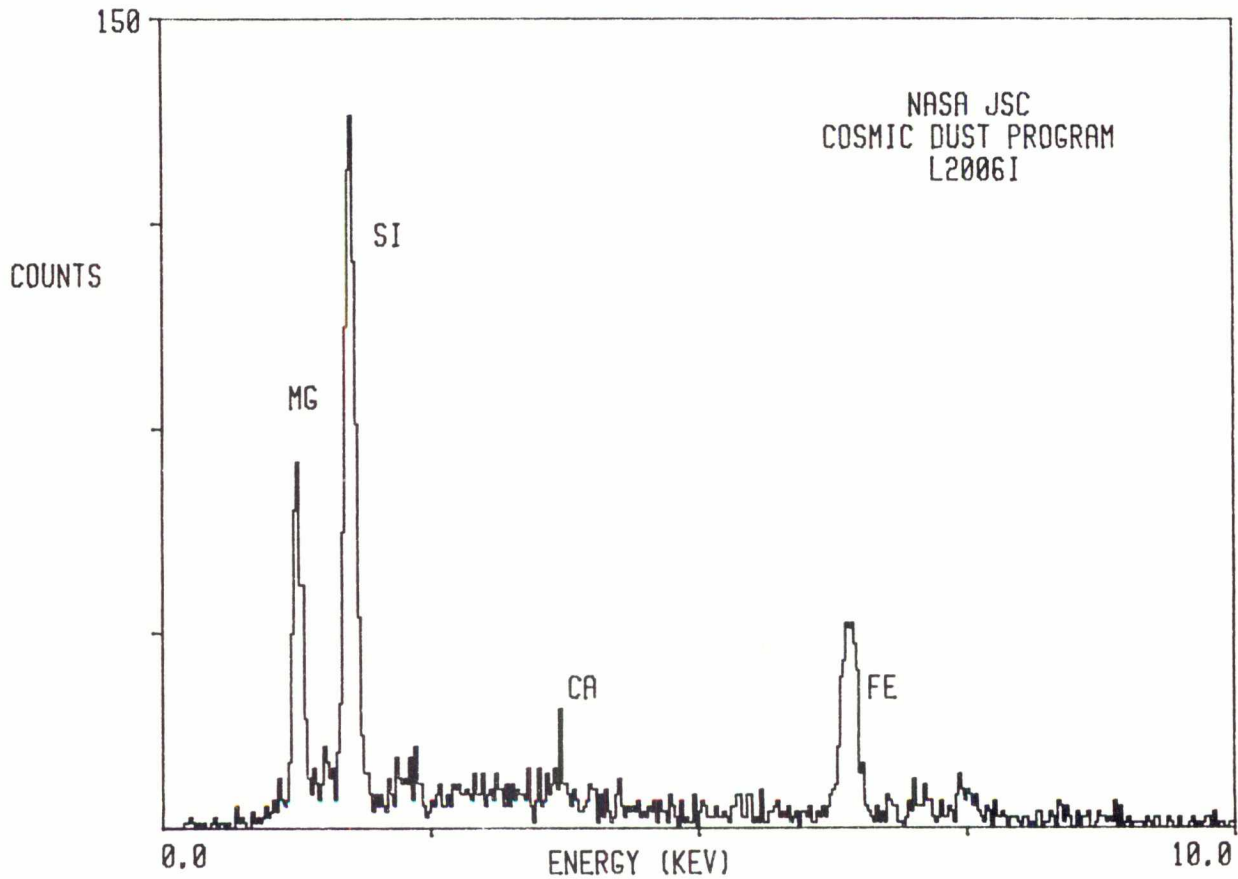


L2006 I 1

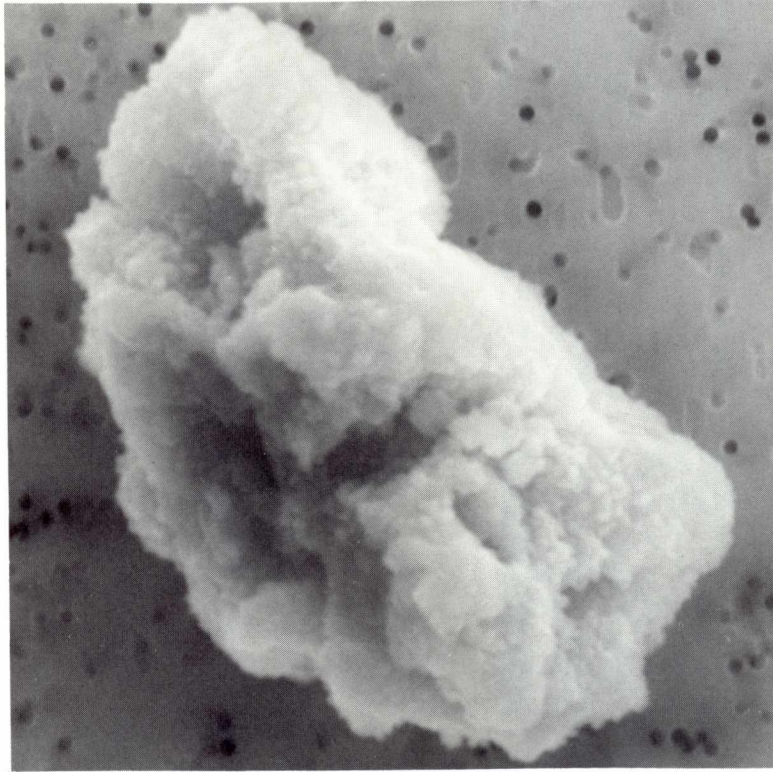


SIZE: 5x2  
SHAPE: I  
TRANS.: TL  
COLOR: Brown  
LUSTER: SV  
TYPE: TCN?  
COMMENTS:

S-91-32307

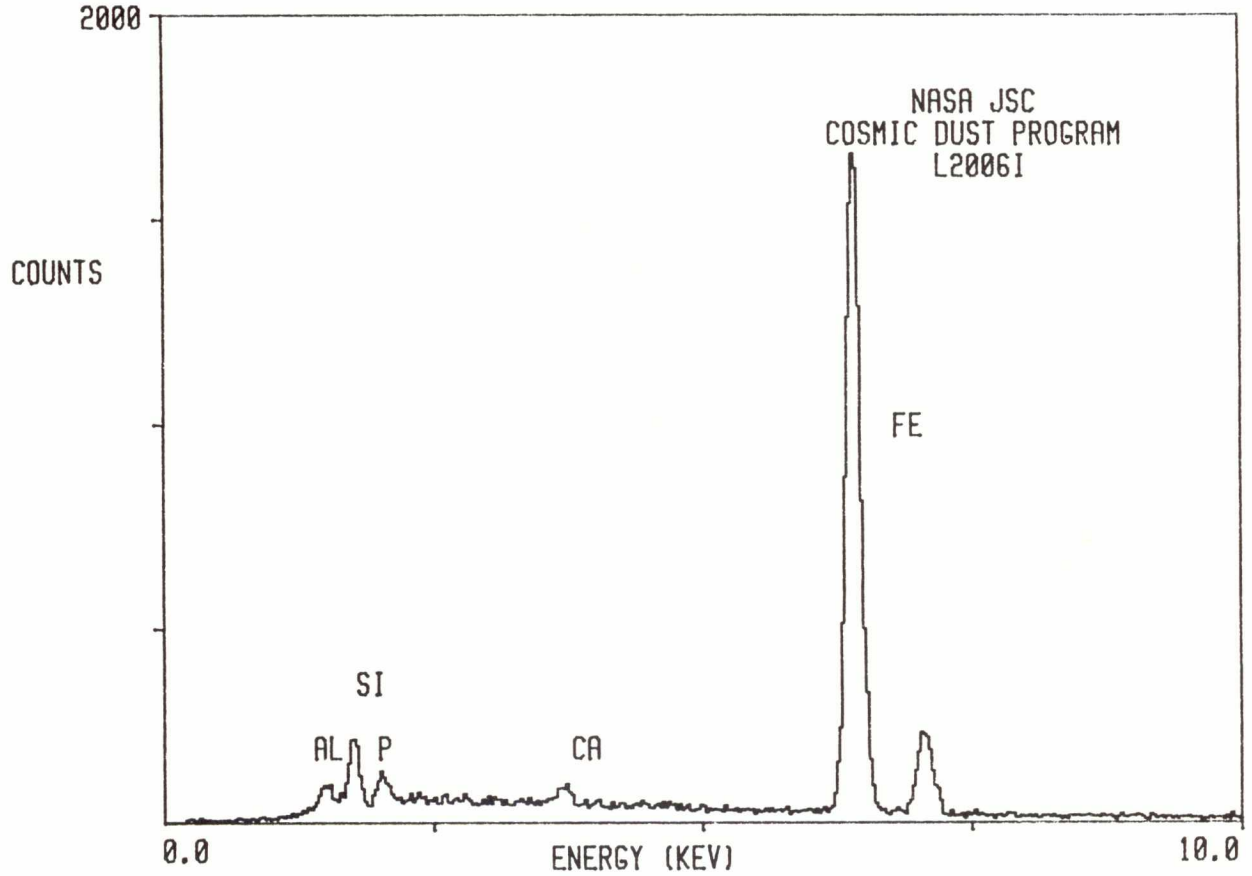


L2006 I 5

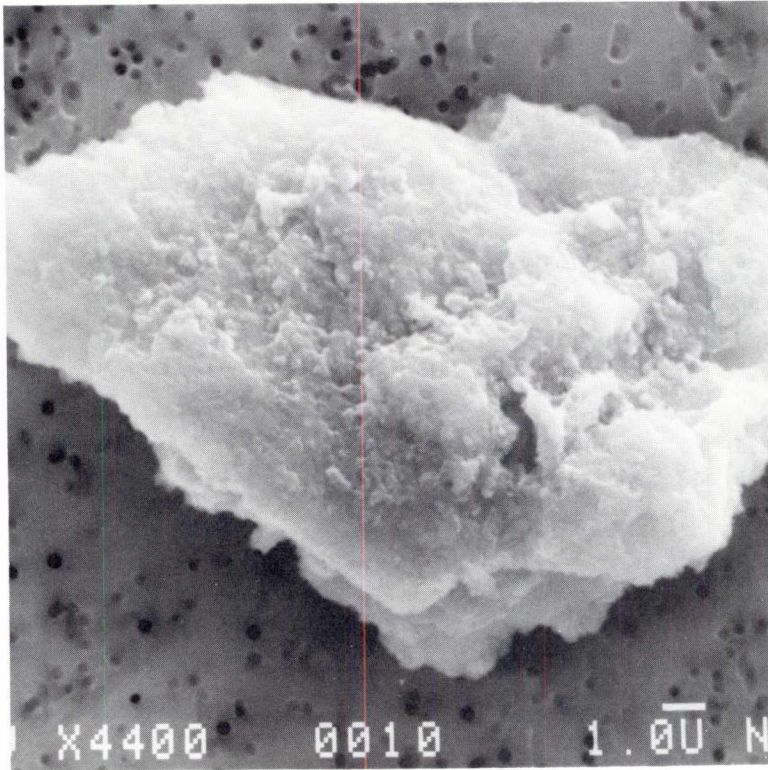


SIZE: 15x10  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SV/D  
TYPE: TCN?  
COMMENTS:

S-91-32311

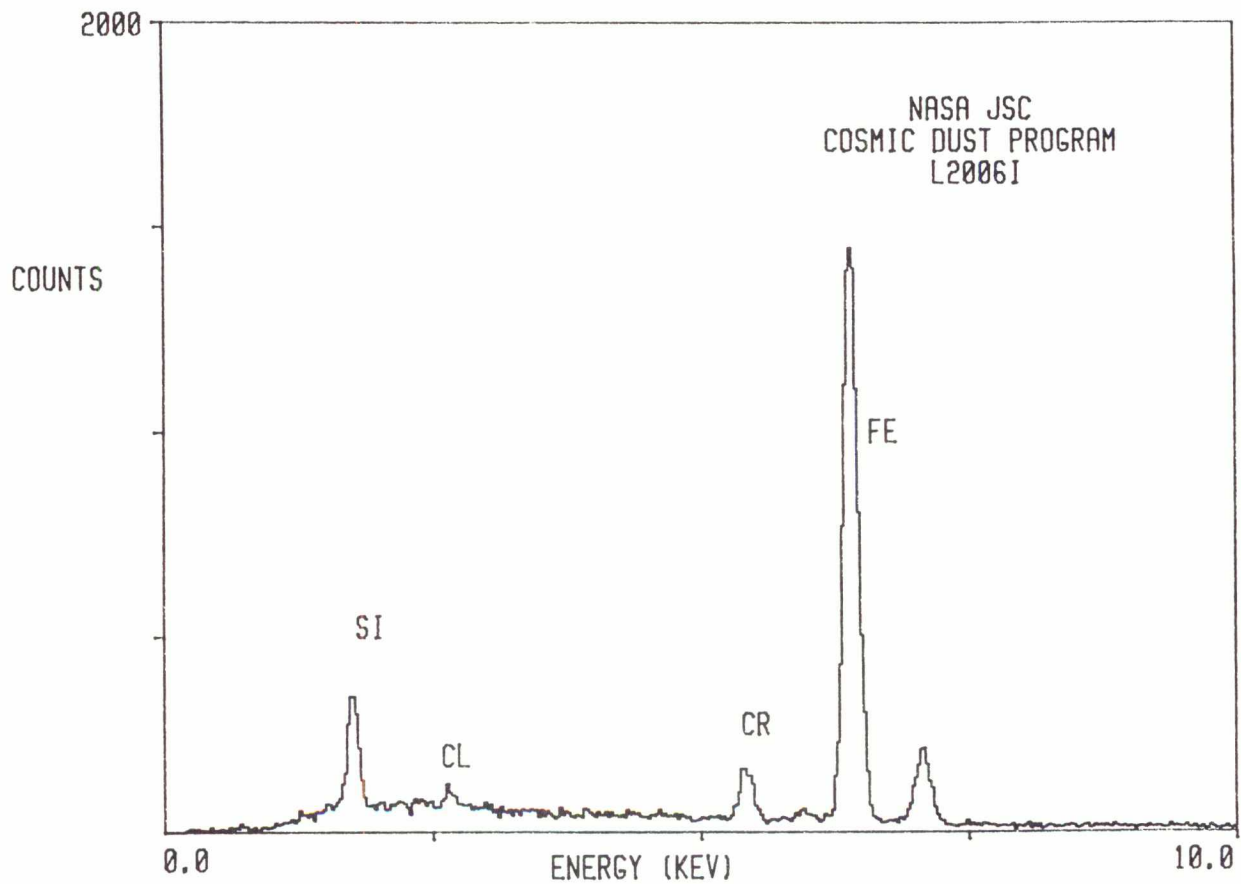


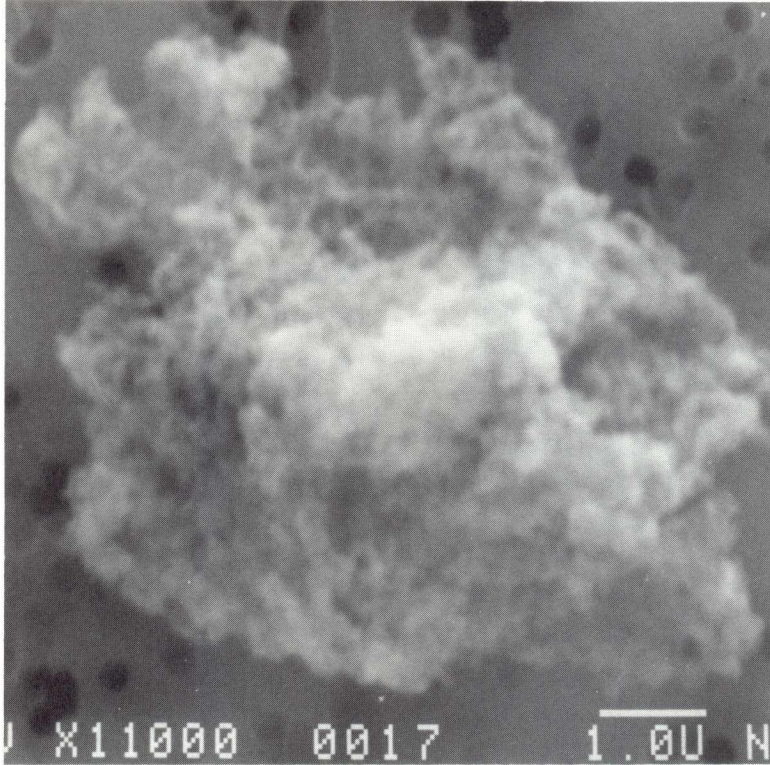
L2006 I 6



SIZE: 20x14  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SM  
TYPE: TCN?  
COMMENTS:

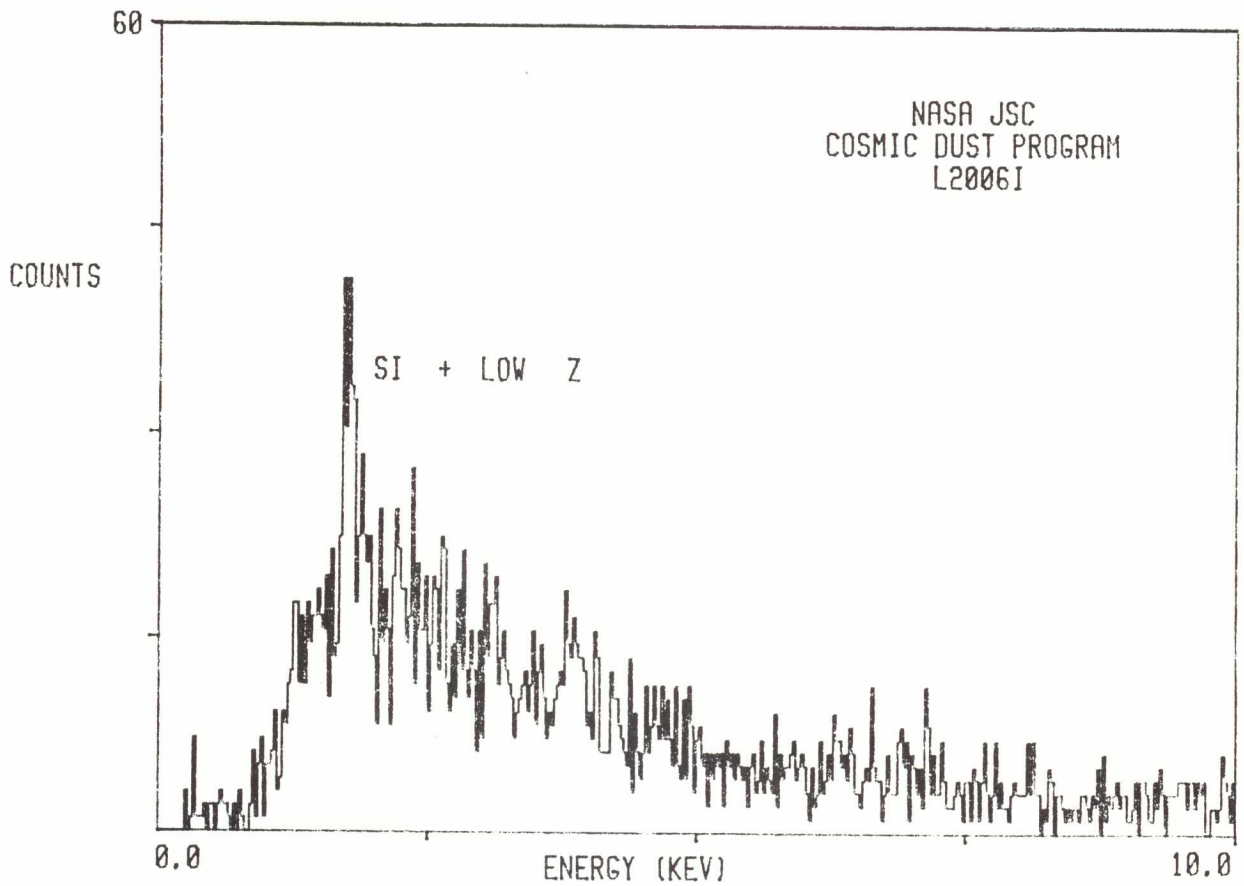
S-91-32312



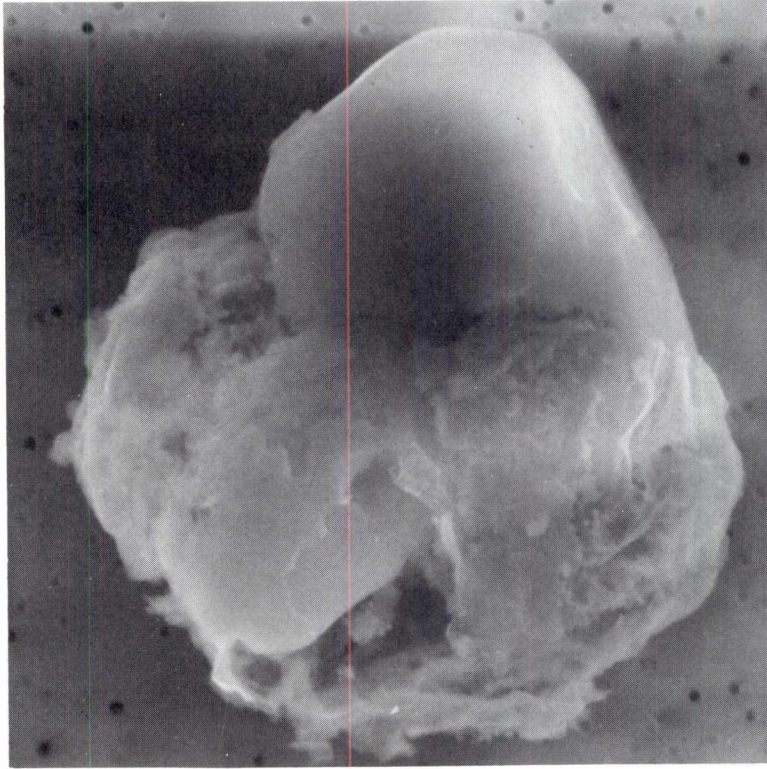


SIZE: 18x7  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: D  
TYPE: TCN?  
COMMENTS:

S-91-32318

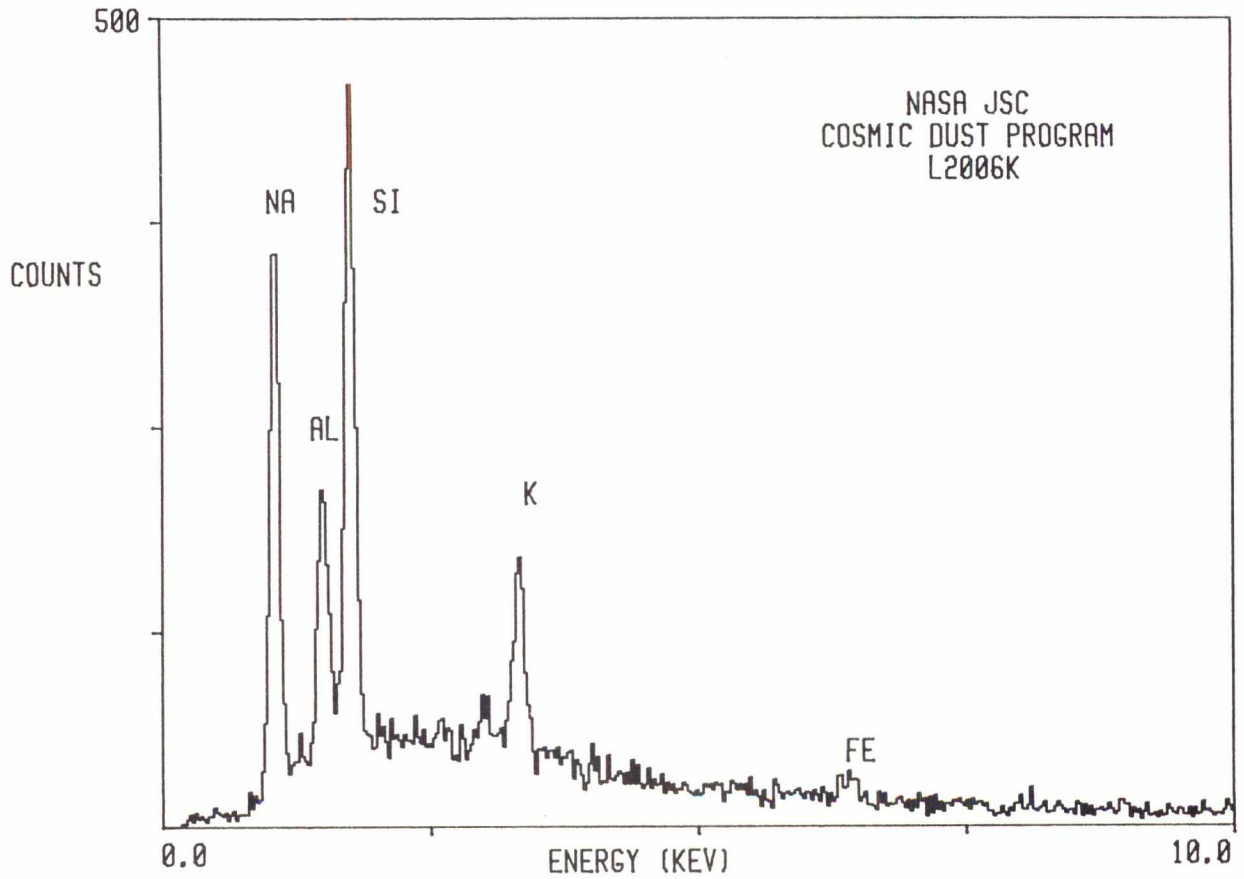


L2006 K 3



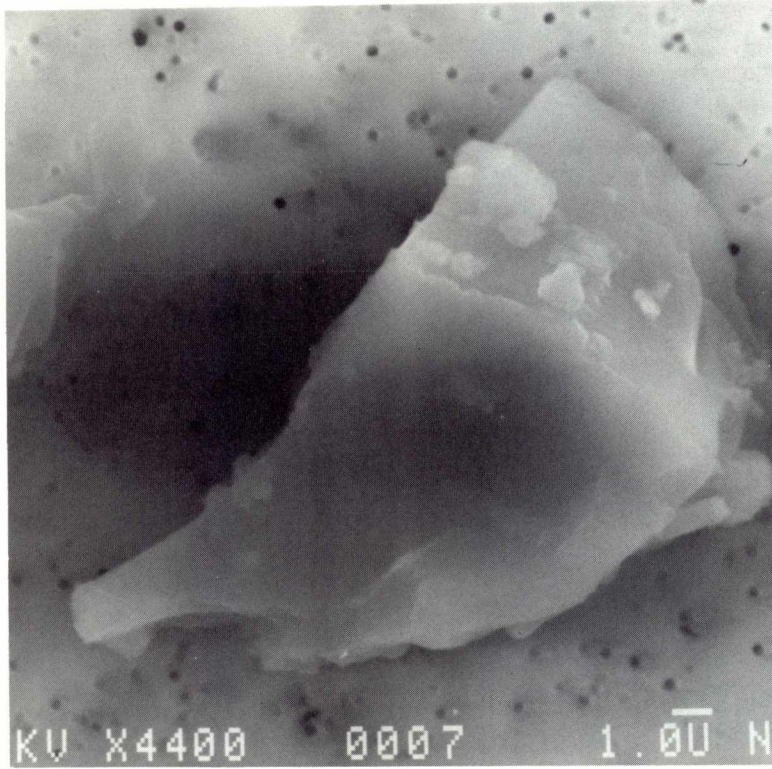
SIZE: 13  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: TCN  
COMMENTS:

S-91-32212



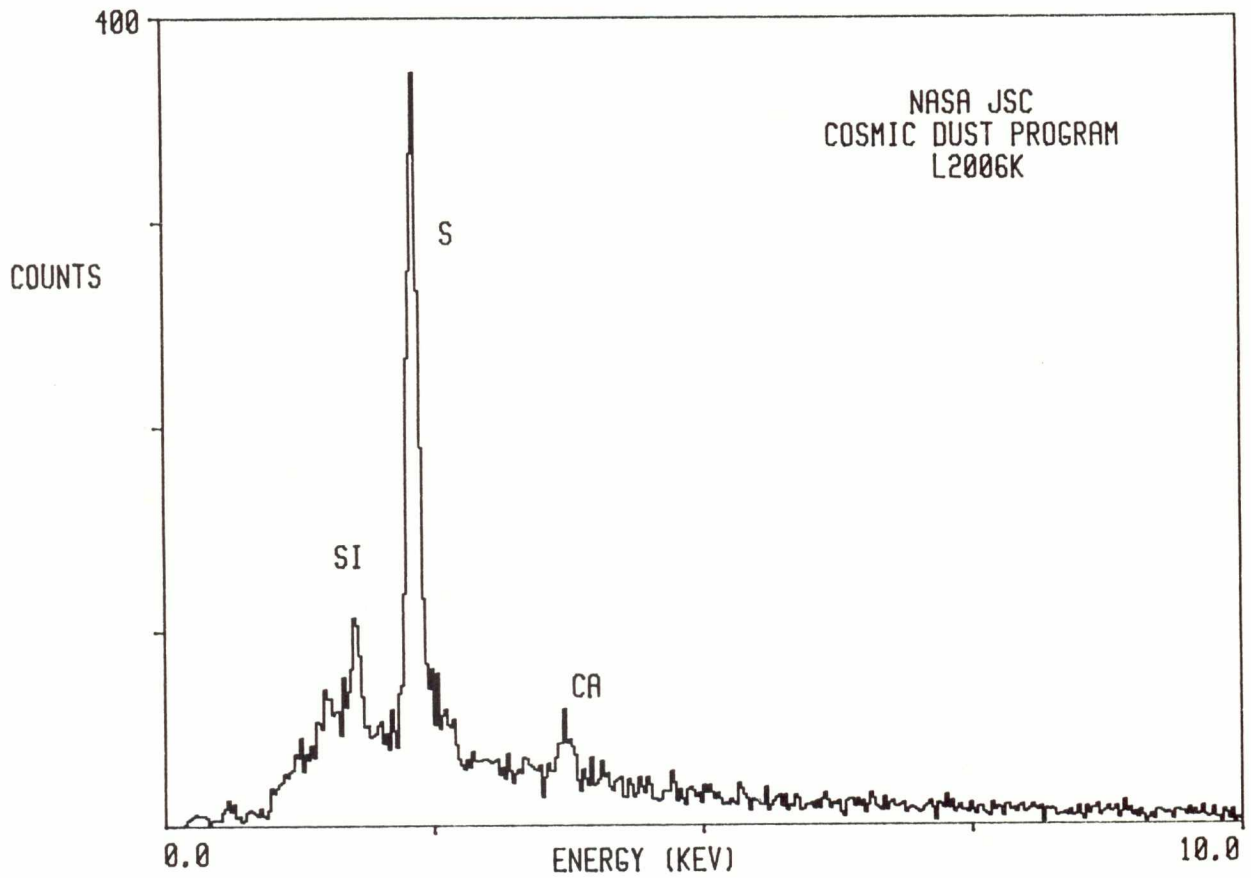
315

L2006 K 6

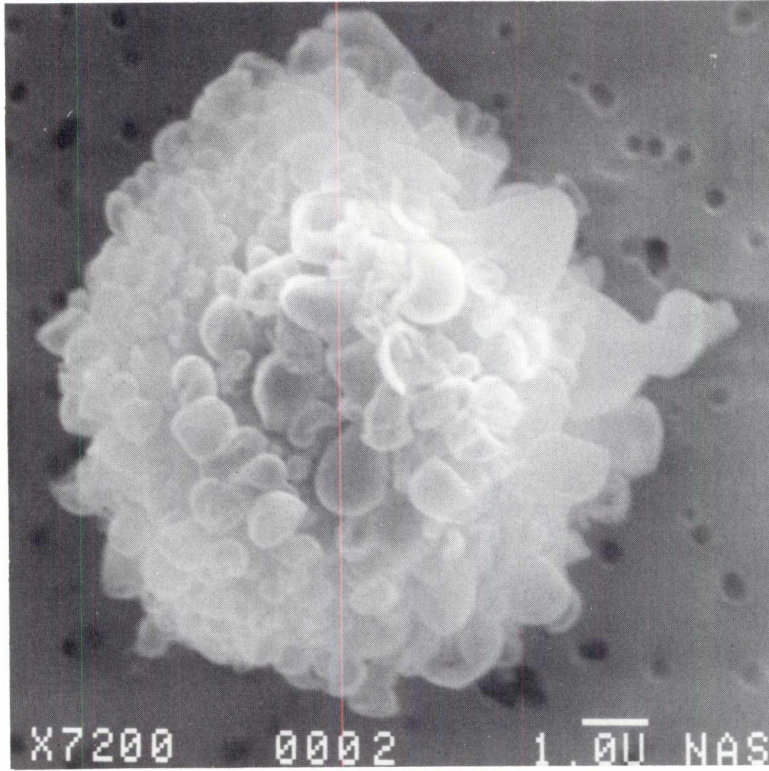


SIZE: 18x10  
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TRANS.: O/TL  
COLOR: Brown  
LUSTER: D  
TYPE: TCN  
COMMENTS:

S-91-32215

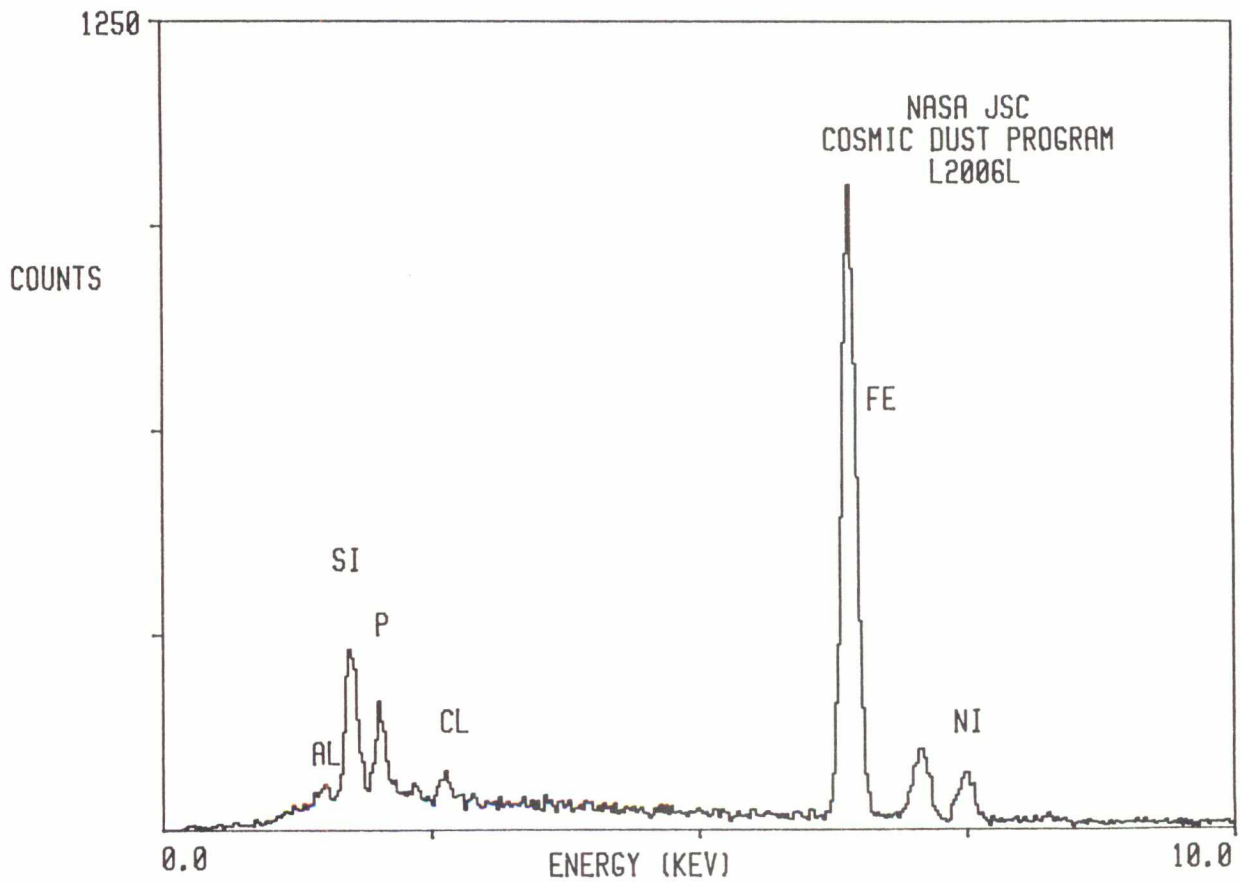


L2006 L 2



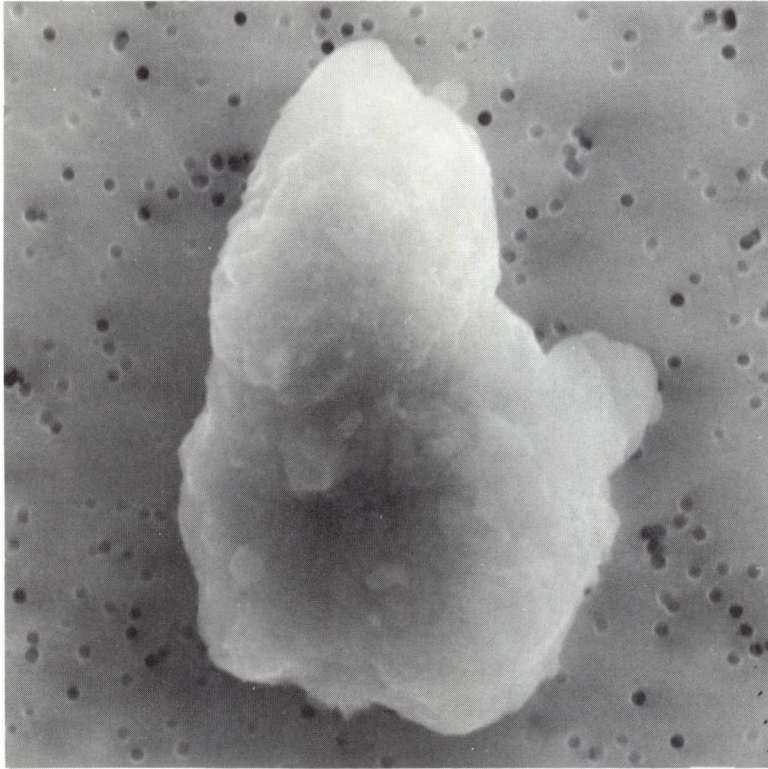
SIZE: 10  
SHAPE: S/E  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SM/SV  
TYPE: TCN?  
COMMENTS:

S-91-32239



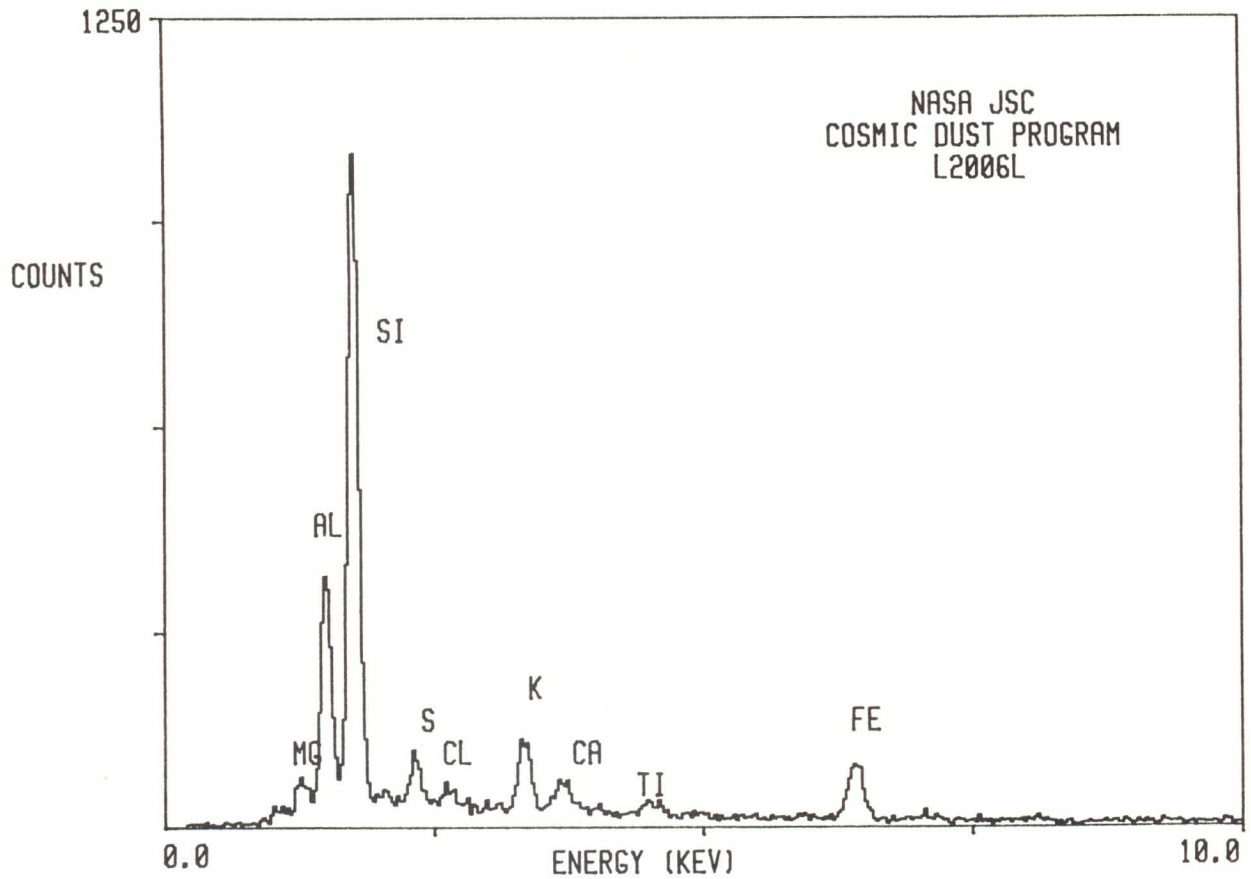


L2006 L 5

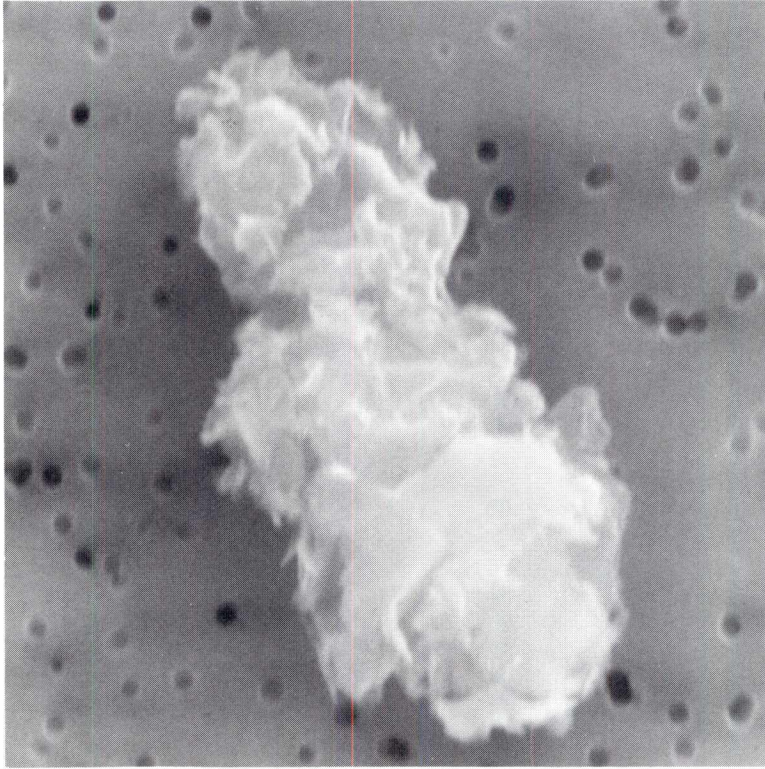


SIZE: 15x10  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SV  
TYPE: TCN  
COMMENTS:

S-91-32242

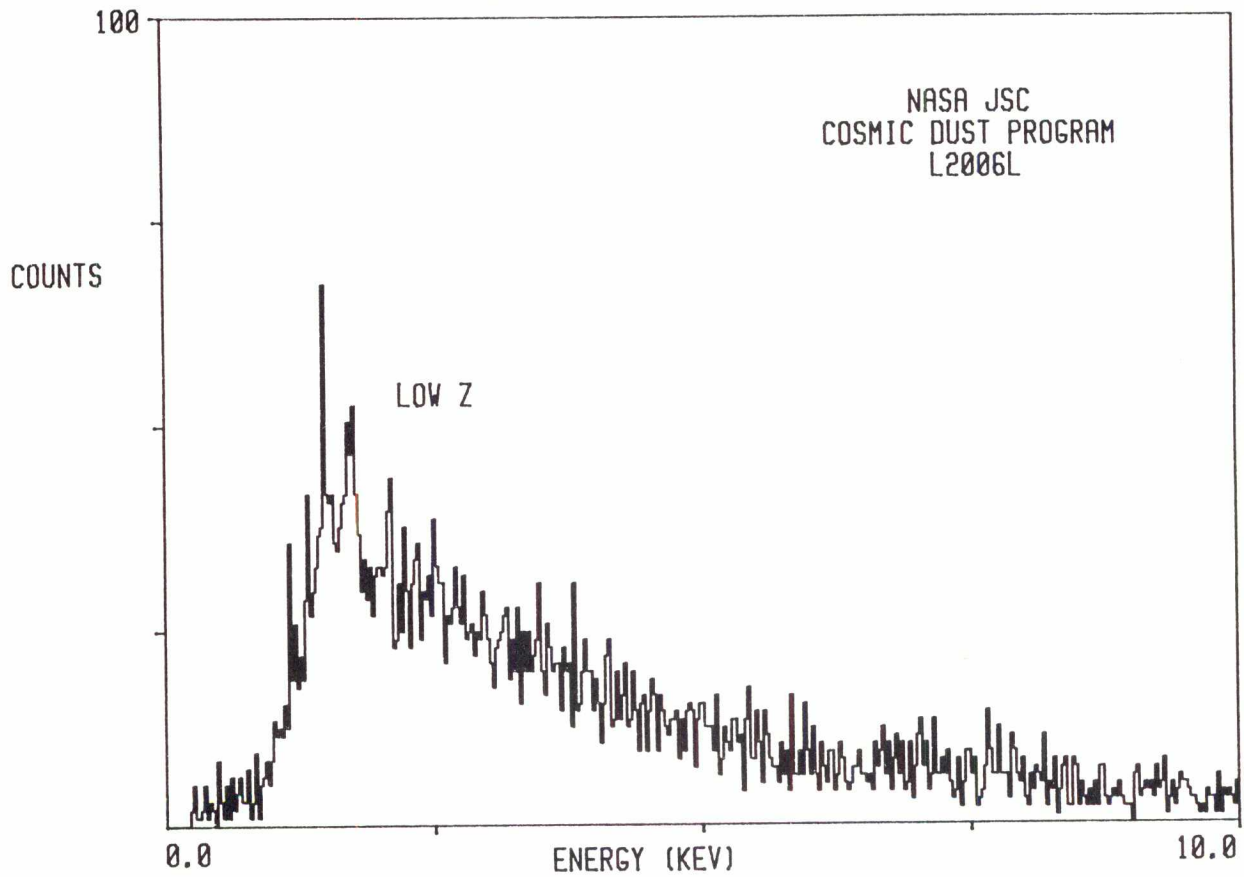


L2006 L 7

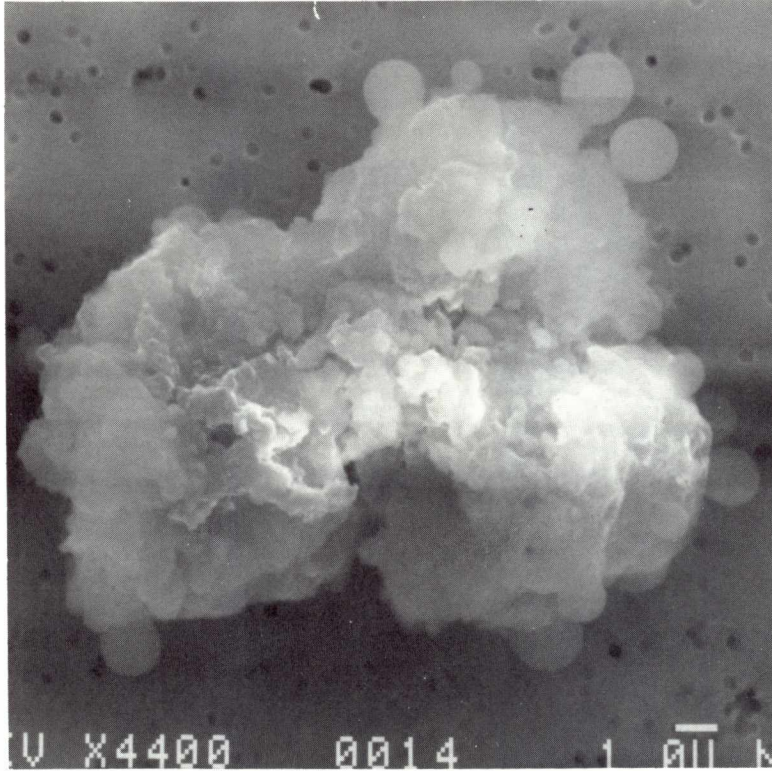


SIZE: 11x5  
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COLOR: Black to Grey  
LUSTER: D  
TYPE: TCN  
COMMENTS:

S-91-32244

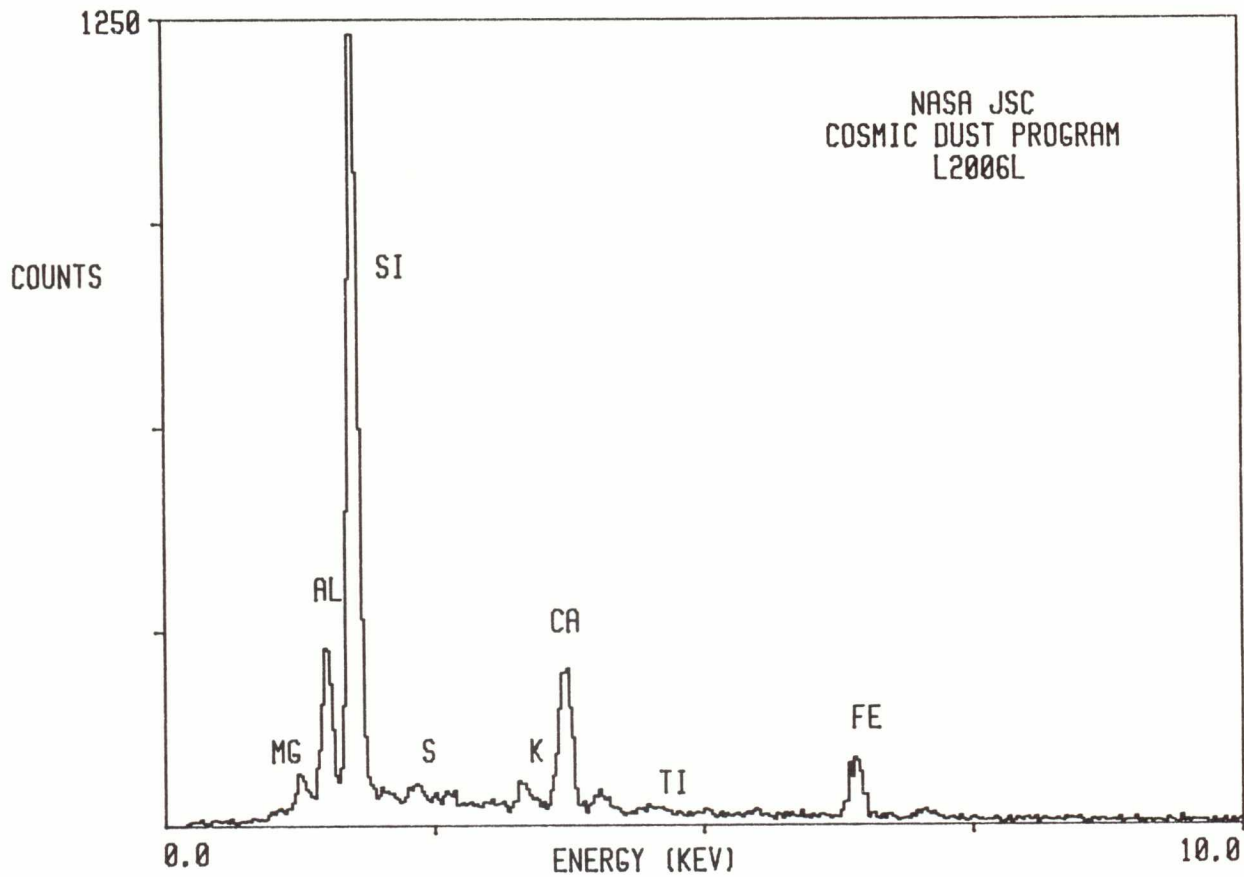


L2006 L 10

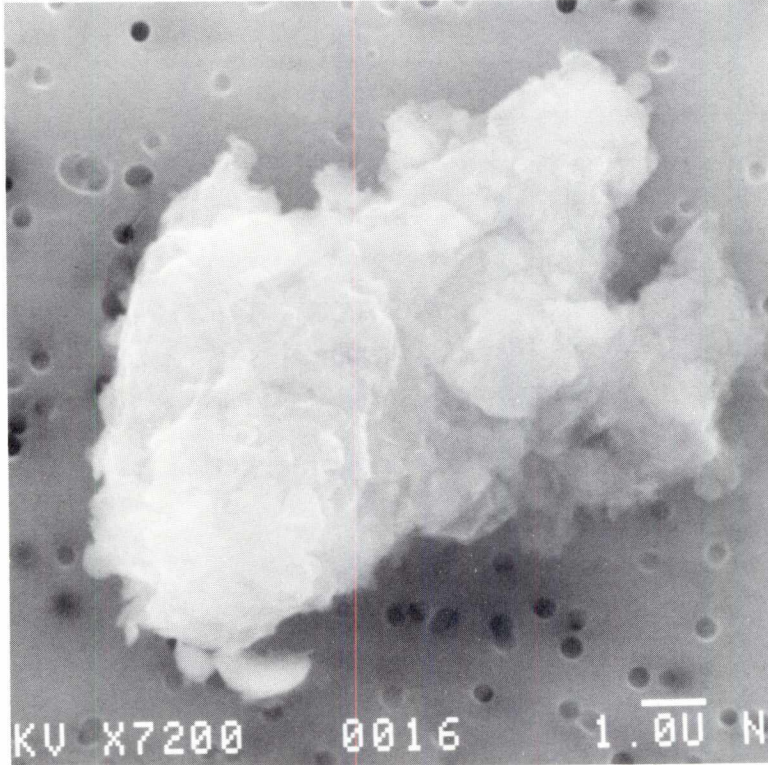


SIZE: 15  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown to Black  
LUSTER: SV/SM  
TYPE: TCN  
COMMENTS:

S-91-32247

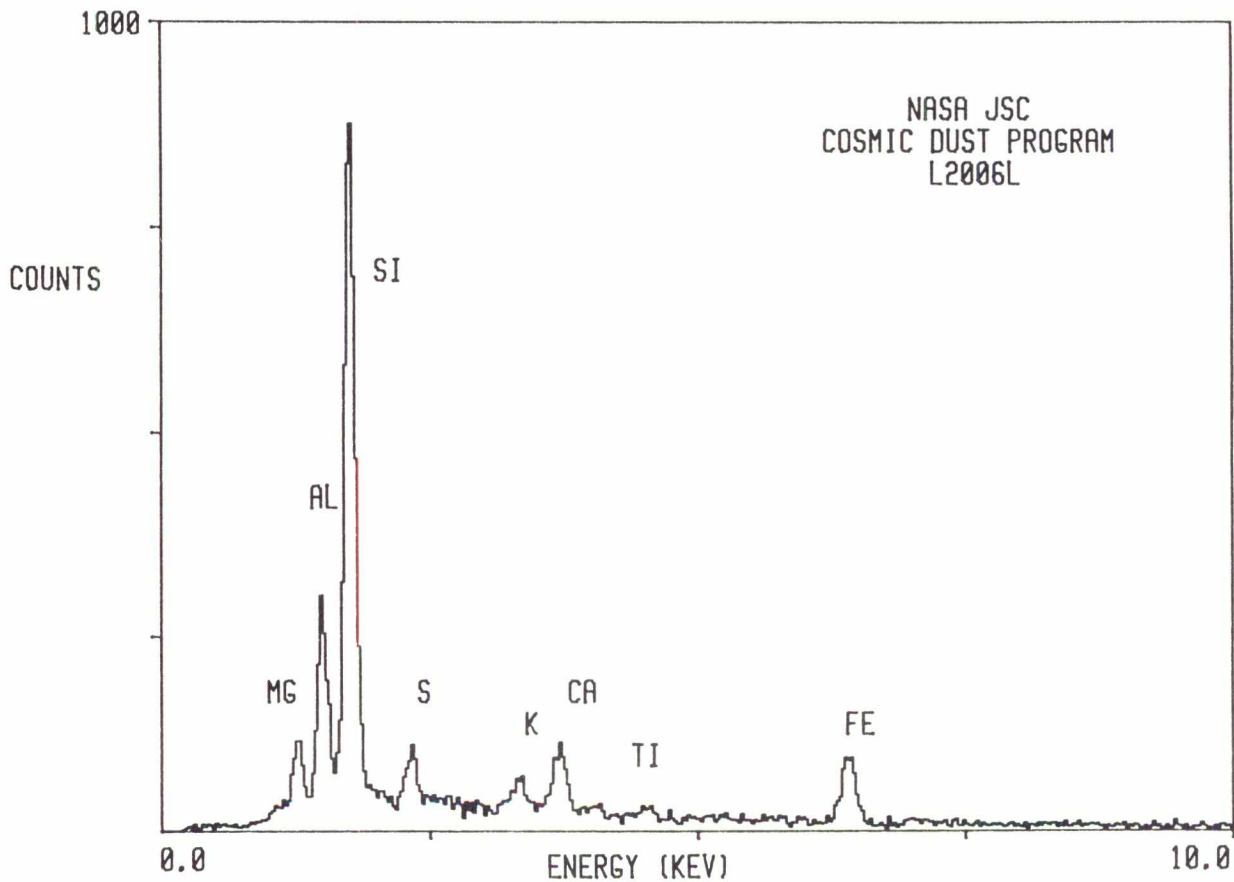


L2006 L 12

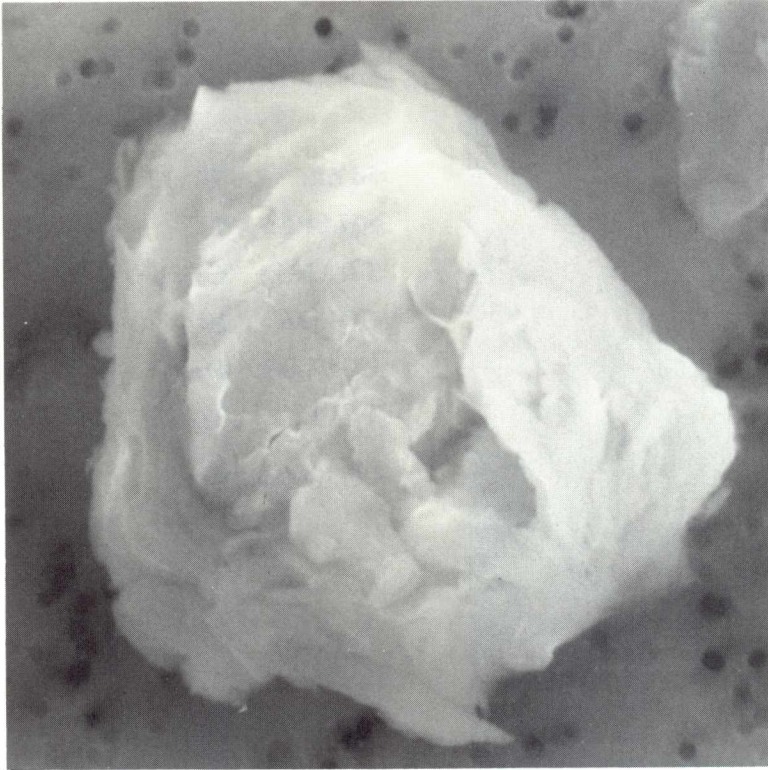


SIZE: 12  
SHAPE: I  
TRANS.: TL  
COLOR: Brown  
LUSTER: SV  
TYPE: TCN  
COMMENTS:

S-91-32249

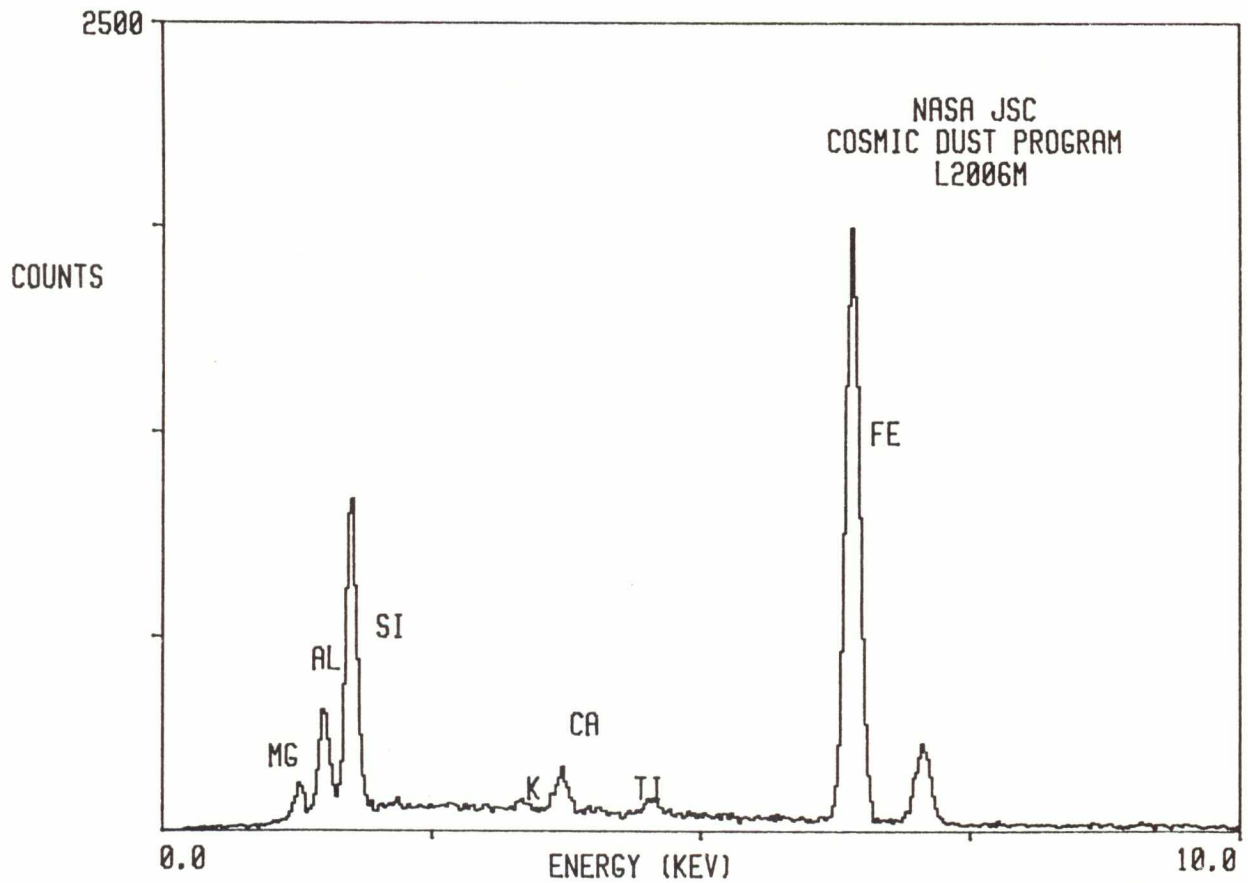


L2006 M 2

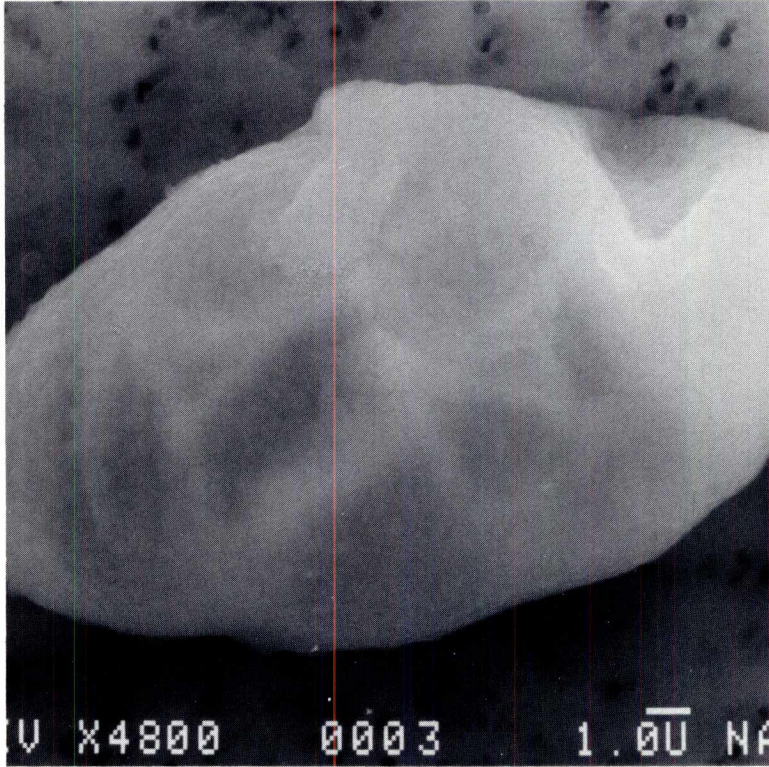


SIZE: 12  
SHAPE: E  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SM/SV  
TYPE: TCN?  
COMMENTS:

S-91-32195

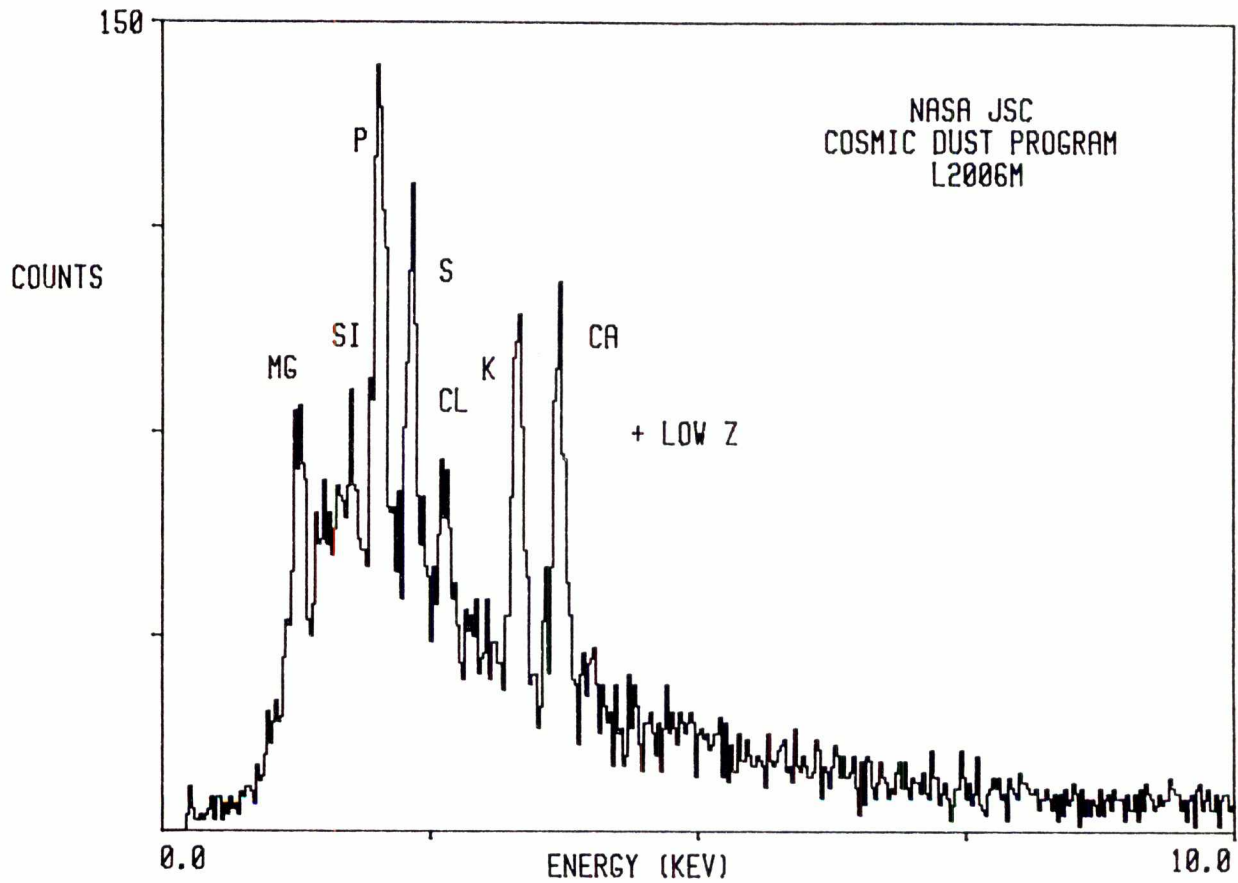


L2006 M 3

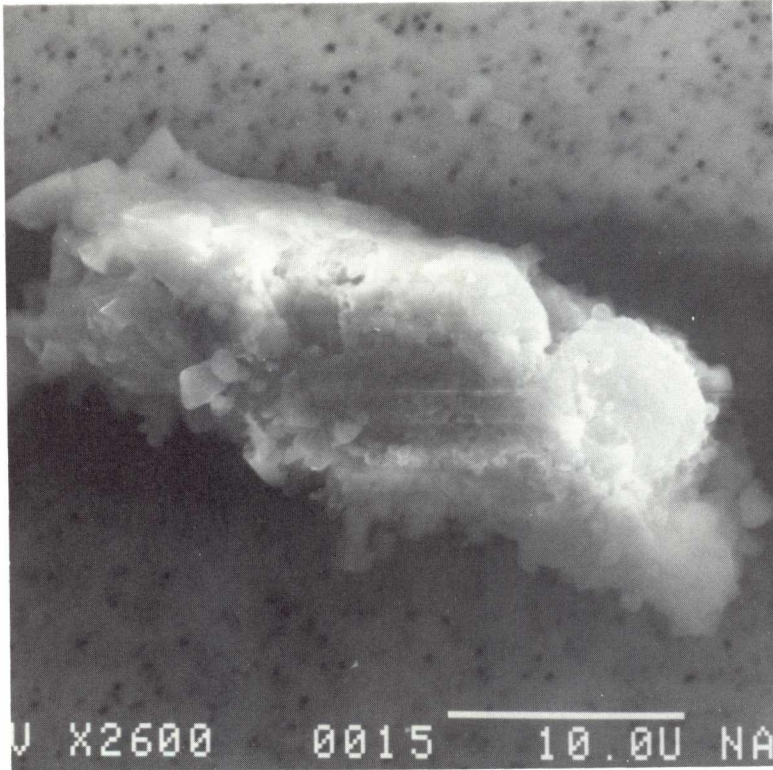


SIZE: 24x13  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: D/SV  
TYPE: TCN?  
COMMENTS:

S-91-32196

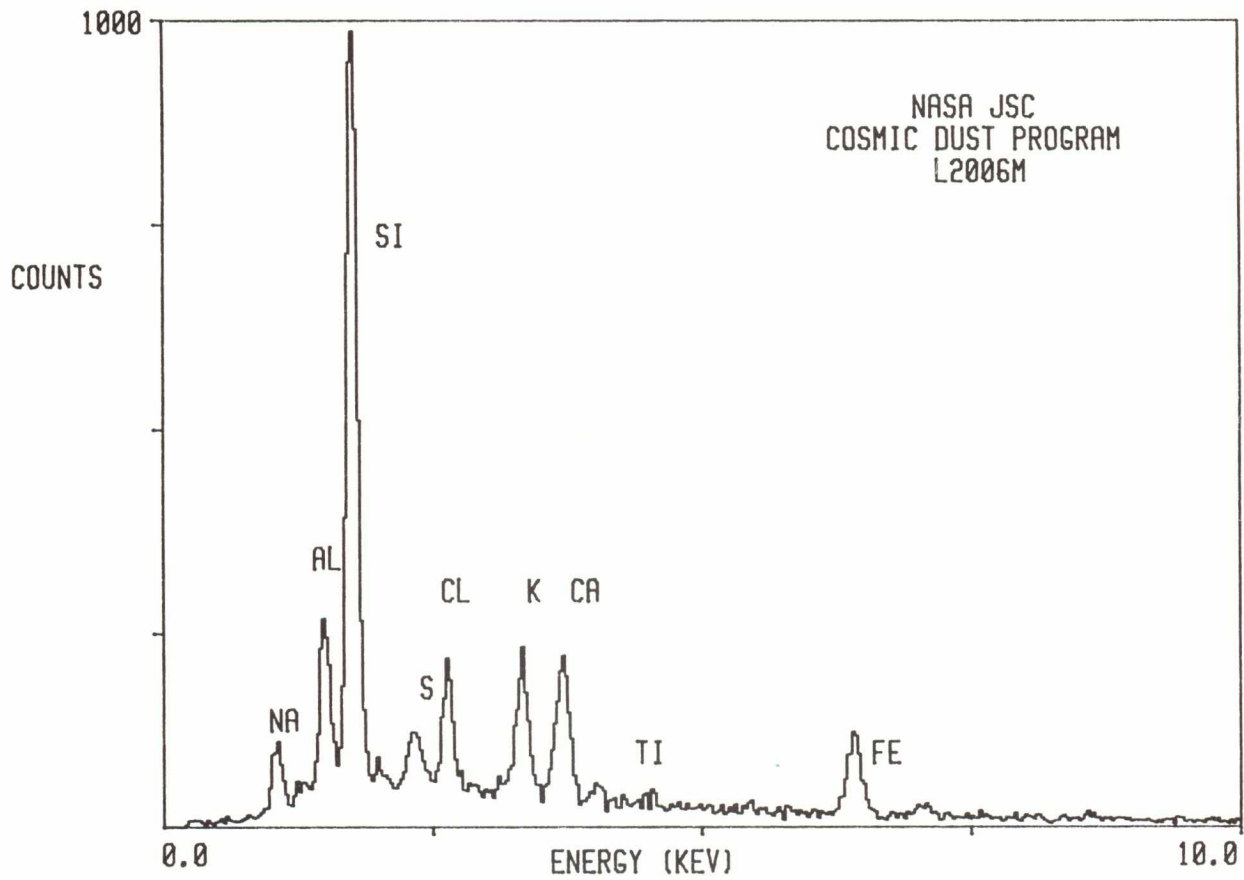


L2006 M 7

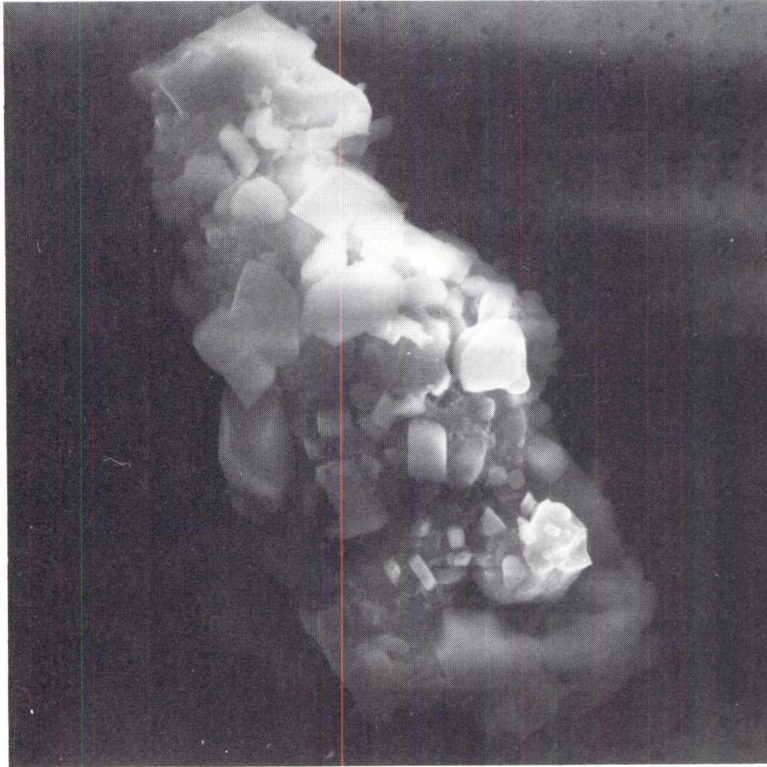


SIZE: 35x15  
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TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV/SM  
TYPE: TCN  
COMMENTS:

S-91-32200

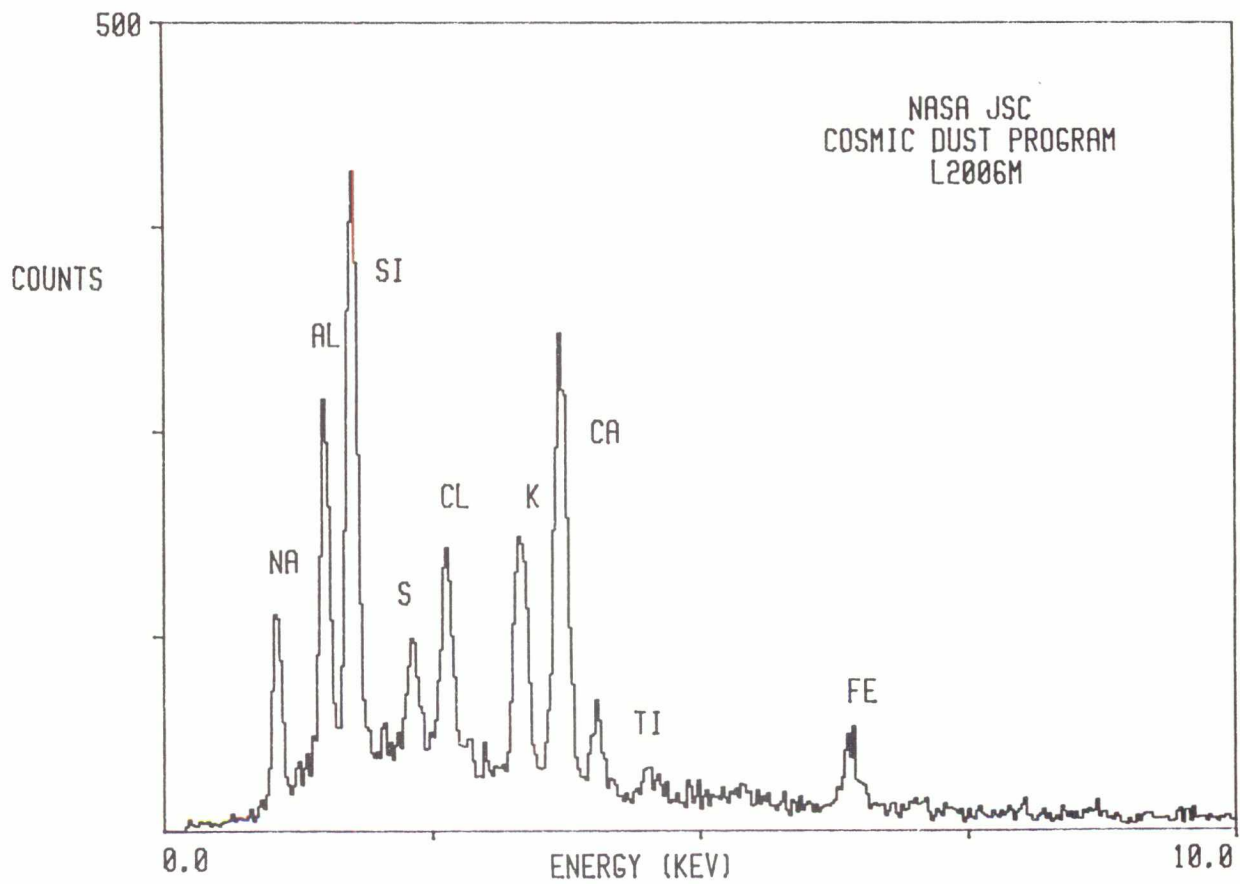


L2006 M 8



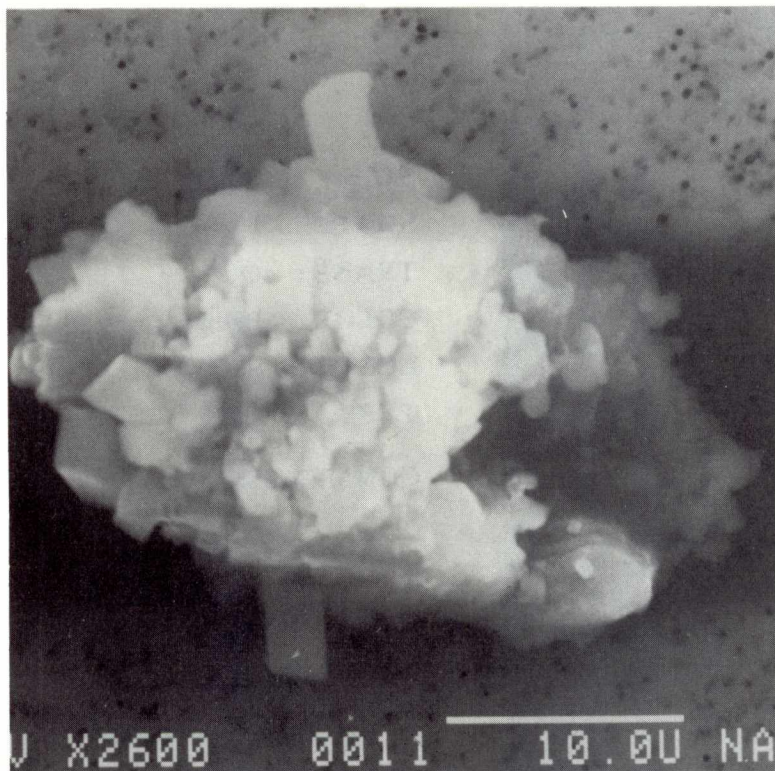
SIZE: 38x18  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV/D  
TYPE: TCN  
COMMENTS:

S-91-32201



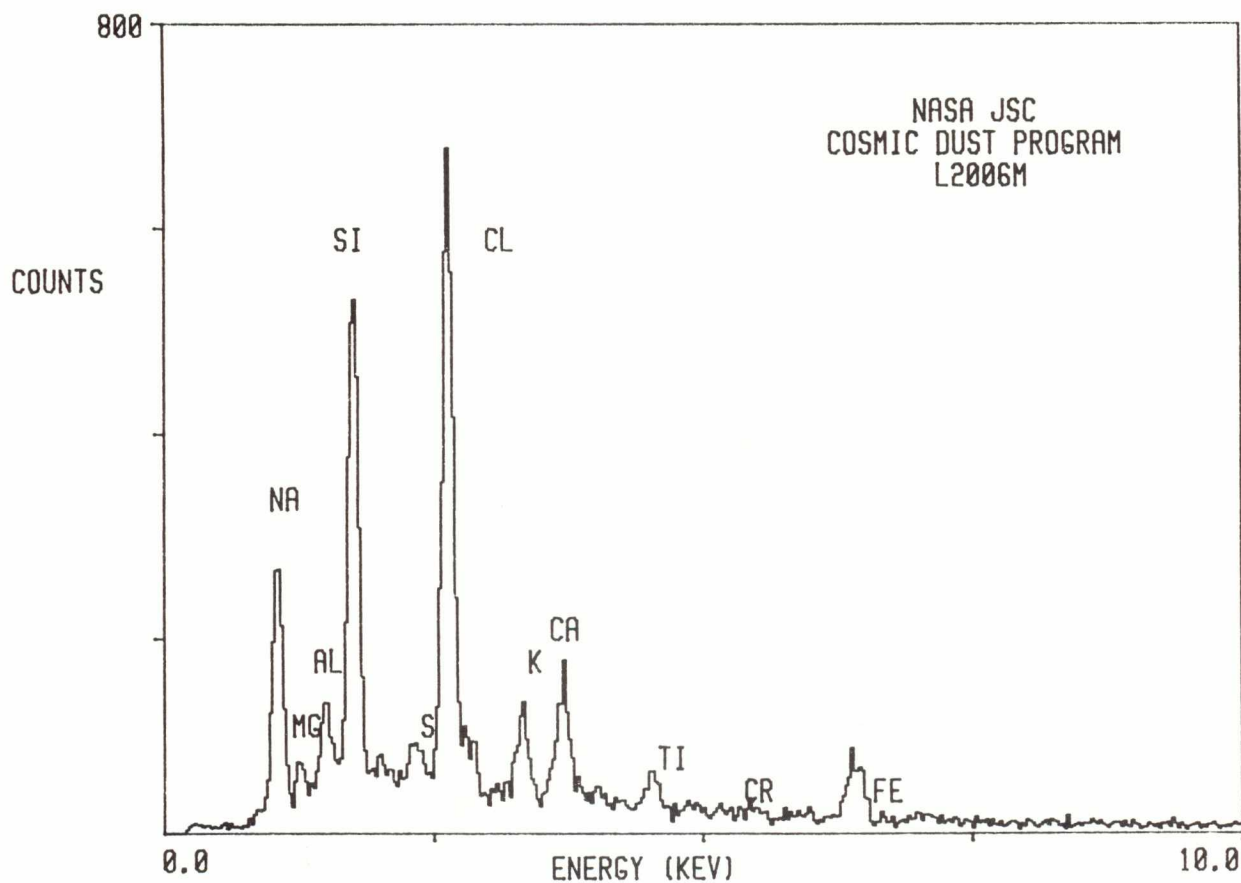


L2006 M 11

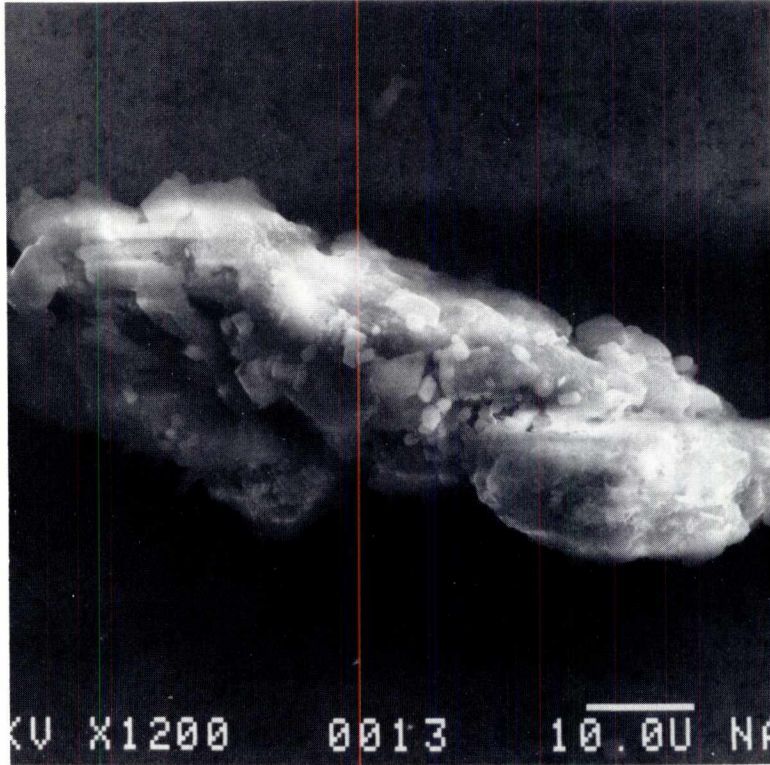


SIZE: 33x27  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV/D  
TYPE: TCN  
COMMENTS:

S-91-32204

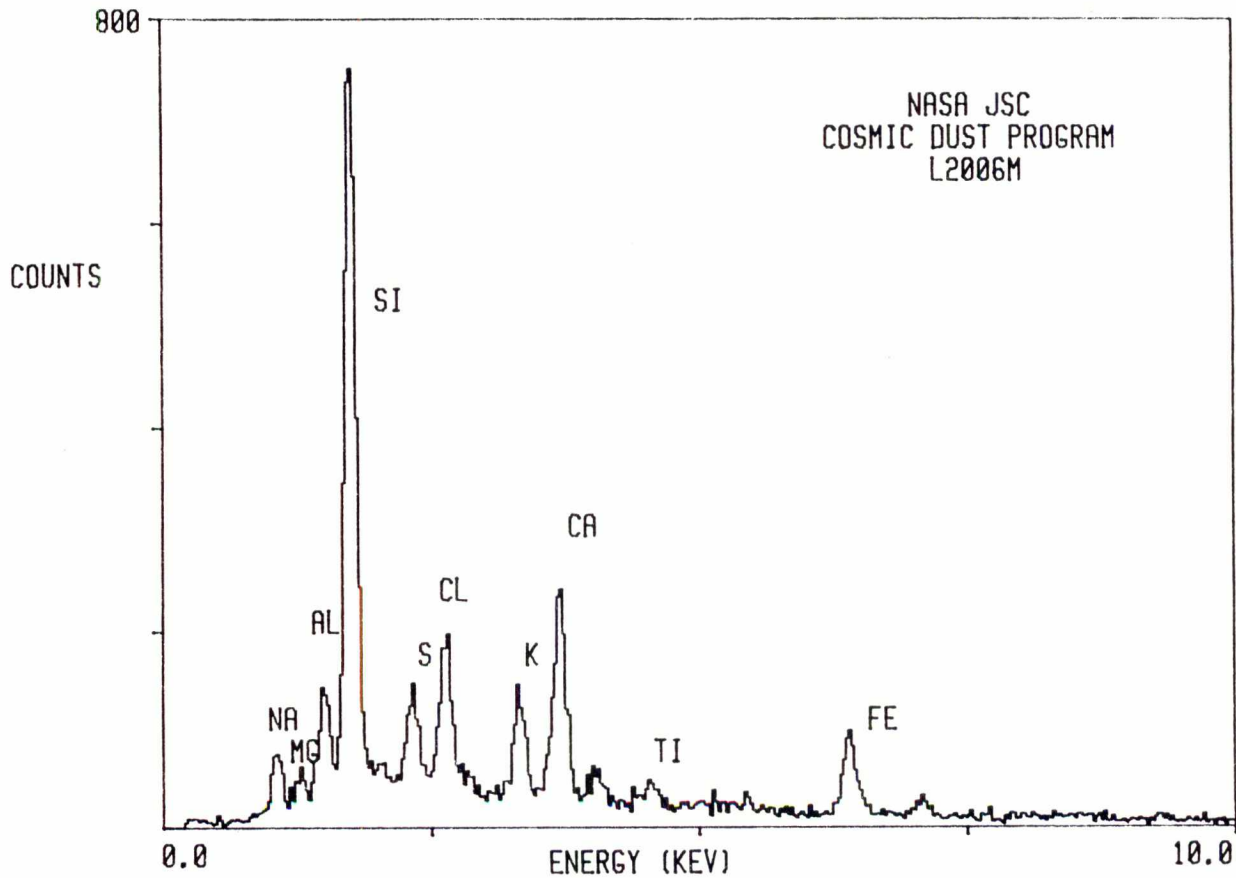


L2006 M 13

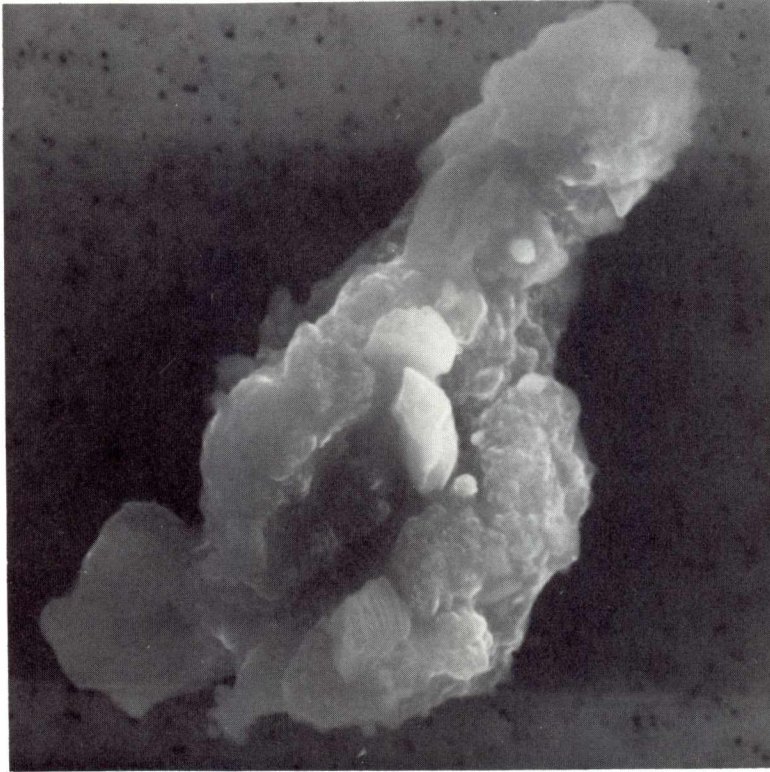


SIZE: 80x30  
SHAPE: I  
TRANS.: O  
COLOR: Brown to Gold  
LUSTER: SM/V  
TYPE: TCN  
COMMENTS:

S-91-32206

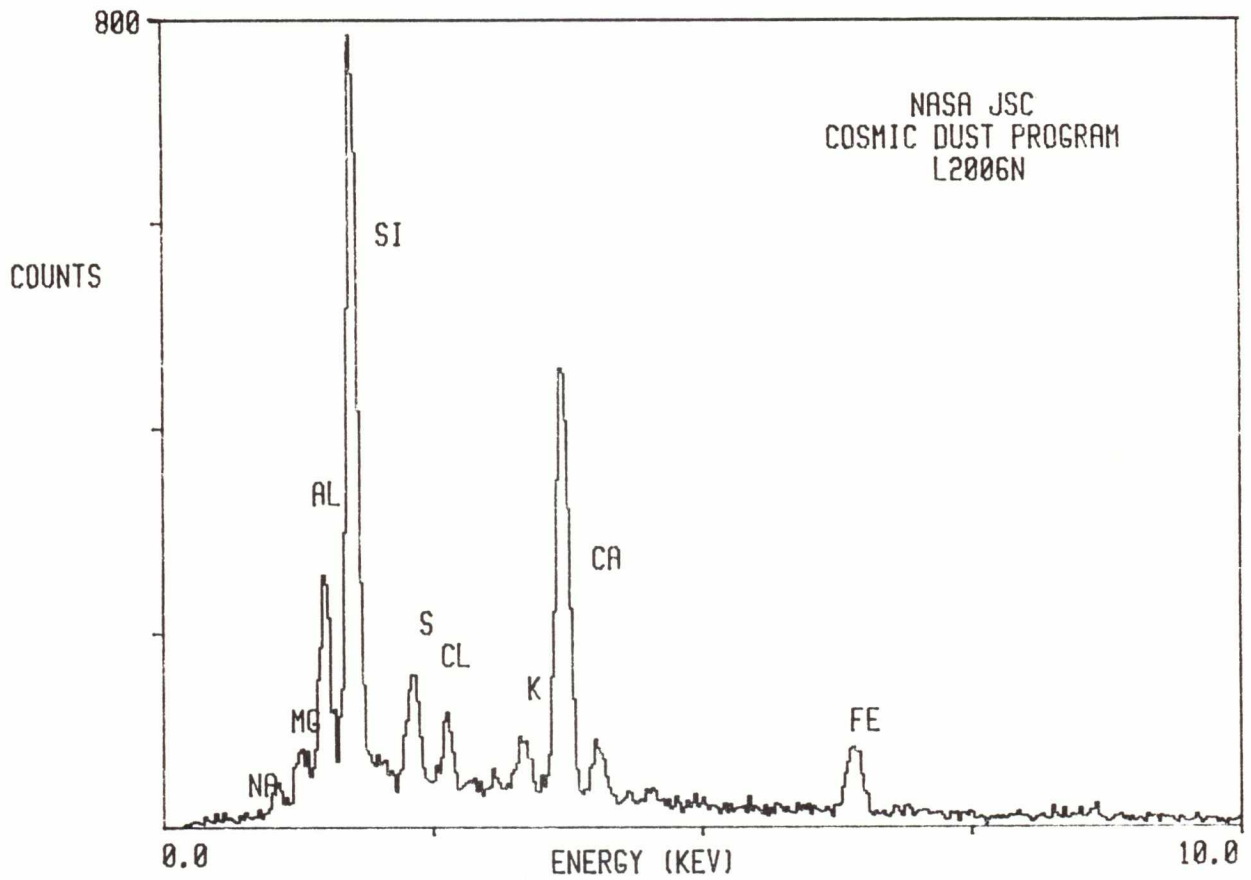


L2006 N 7

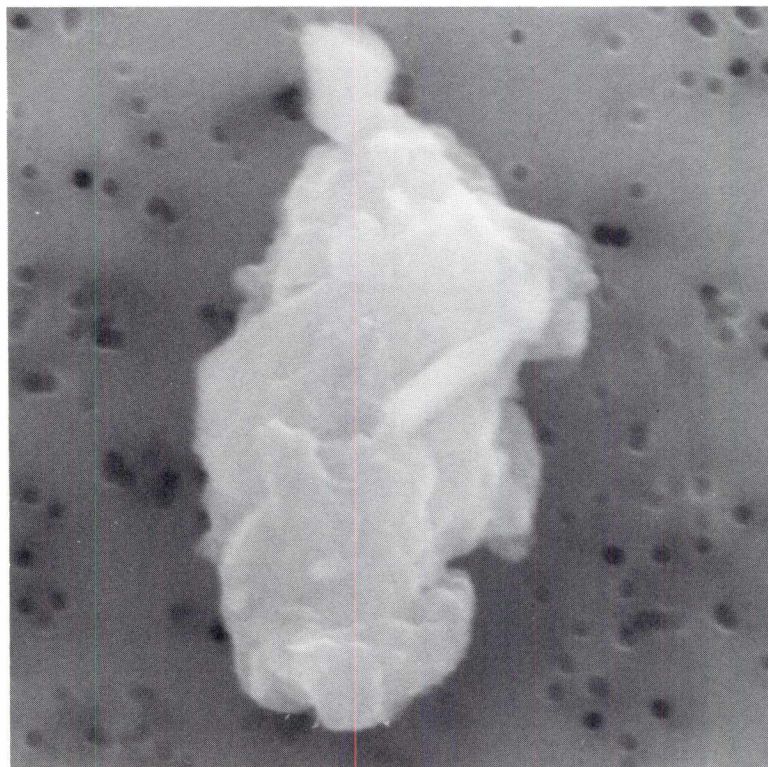


SIZE: 34x15  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: TCN?  
COMMENTS:

S-91-32227

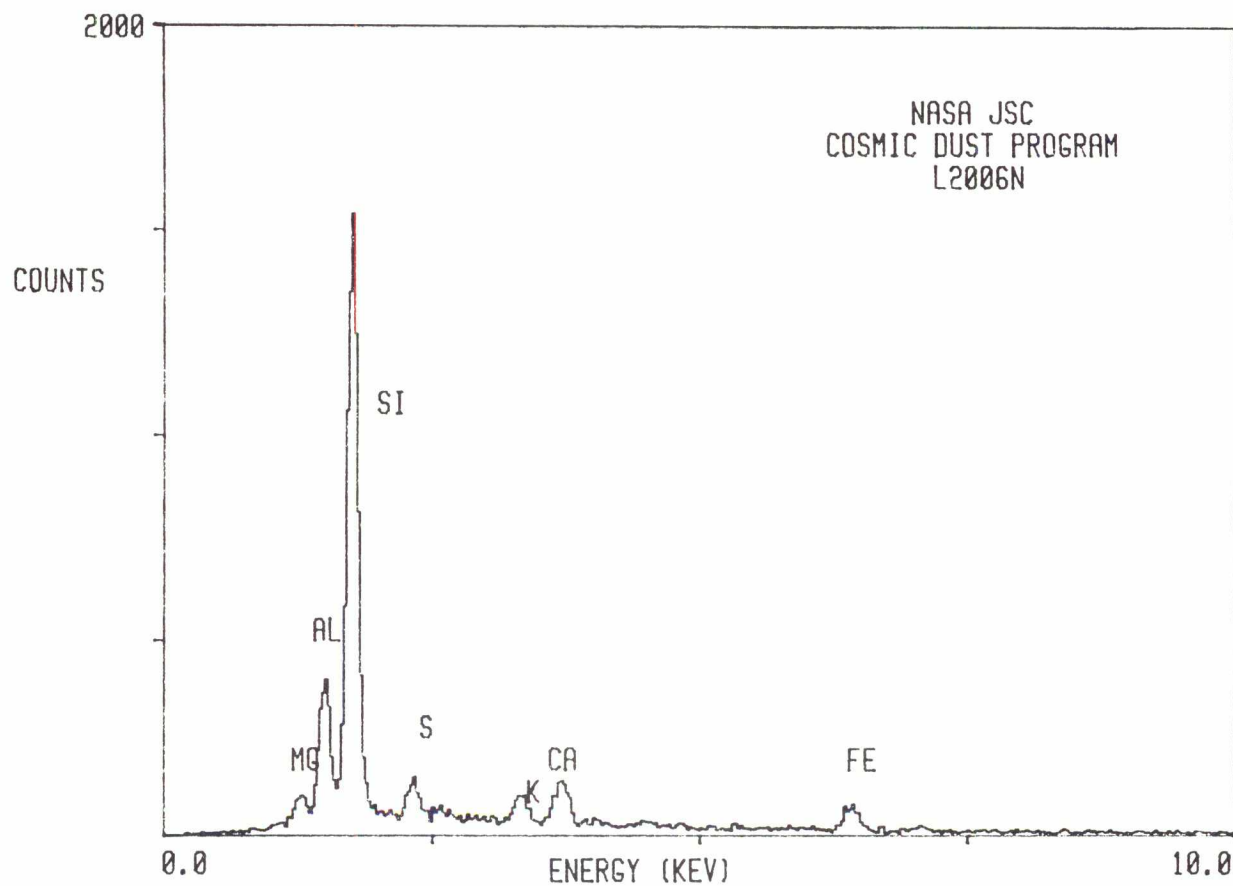


L2006 N 9

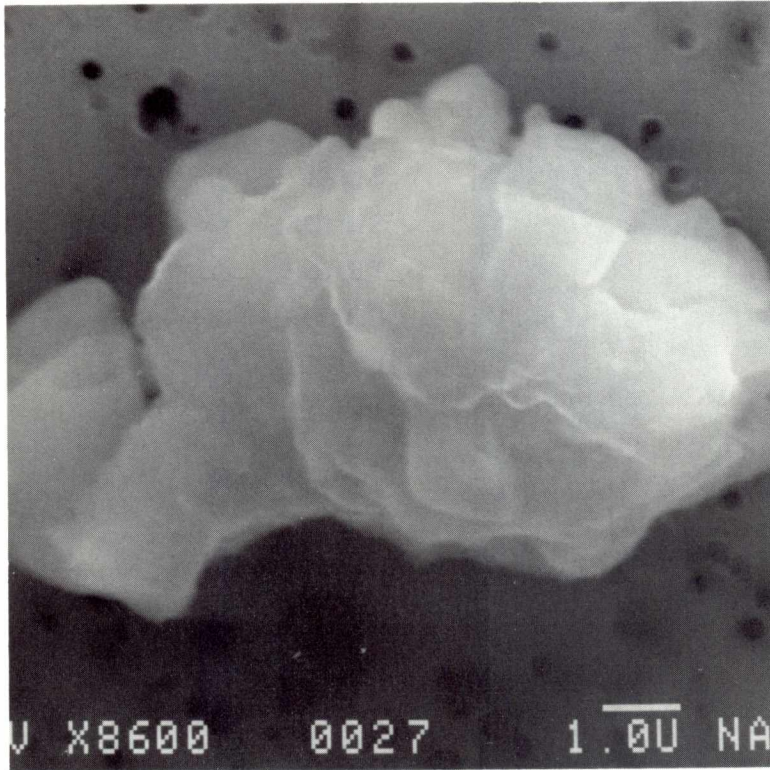


SIZE: 12x6  
SHAPE: I  
TRANS.: TL  
COLOR: Brown  
LUSTER: SV  
TYPE: TCN  
COMMENTS:

S-91-32229

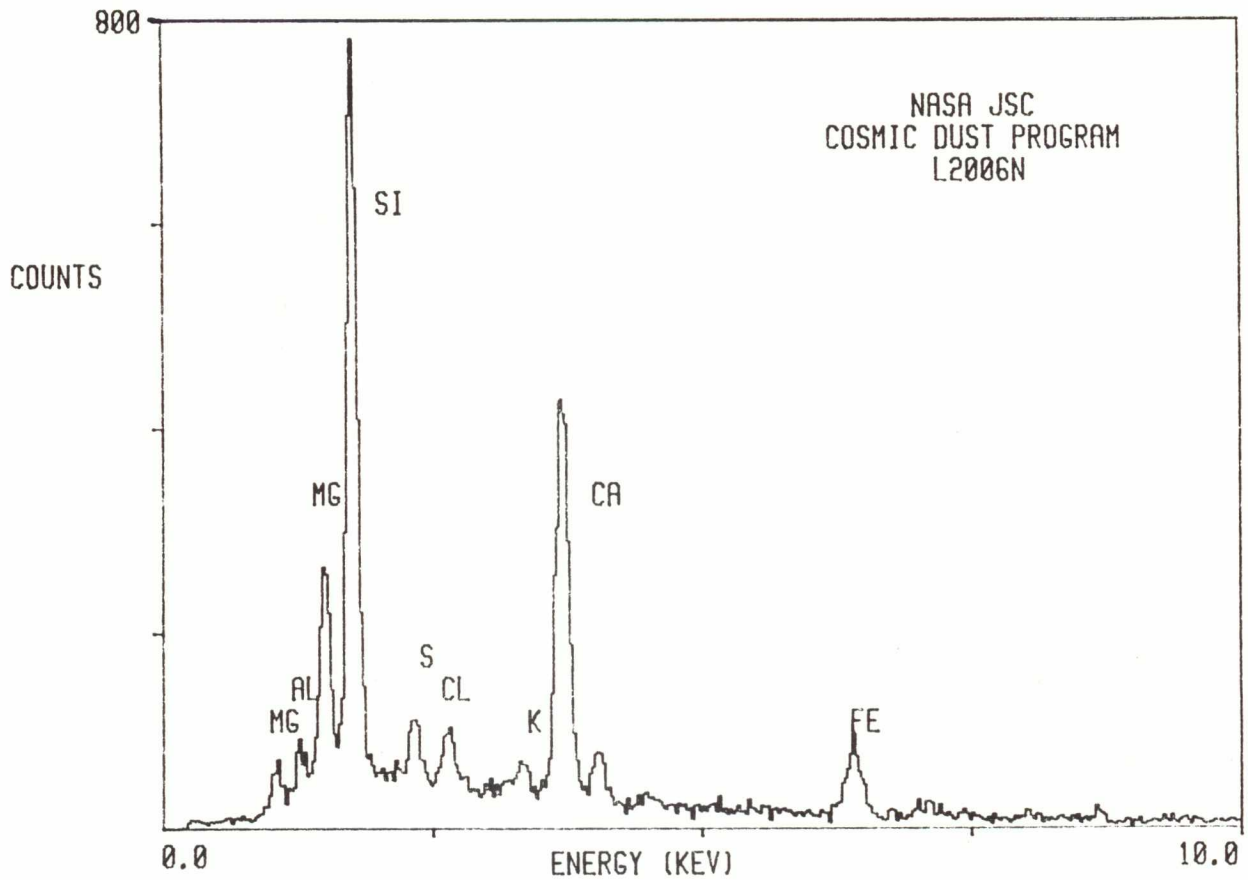


L2006 N 10

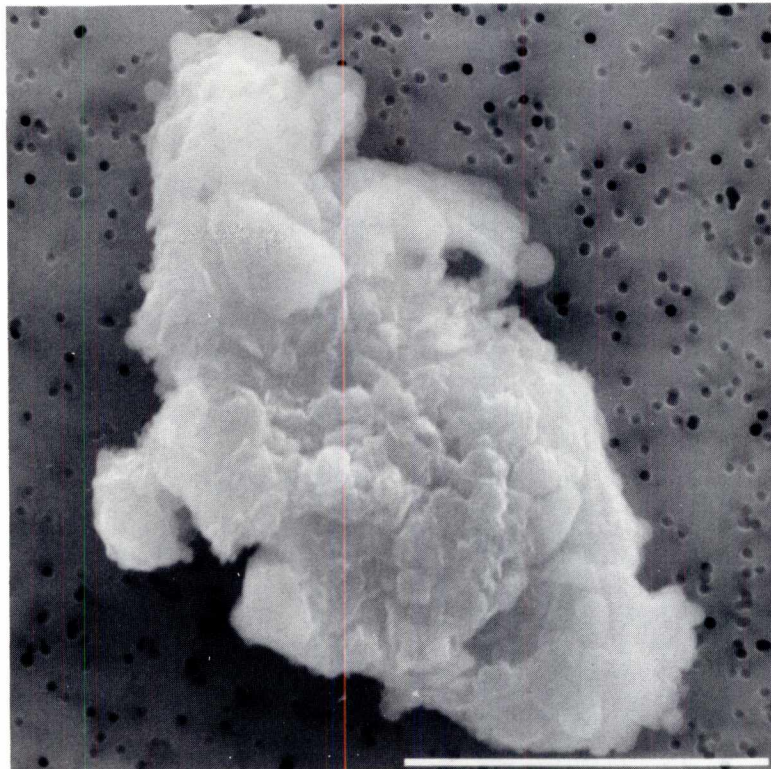


SIZE: 11x6  
SHAPE: I  
TRANS.: TL/O  
COLOR: Brown  
LUSTER: SV  
TYPE: TCN  
COMMENTS:

S-91-32230

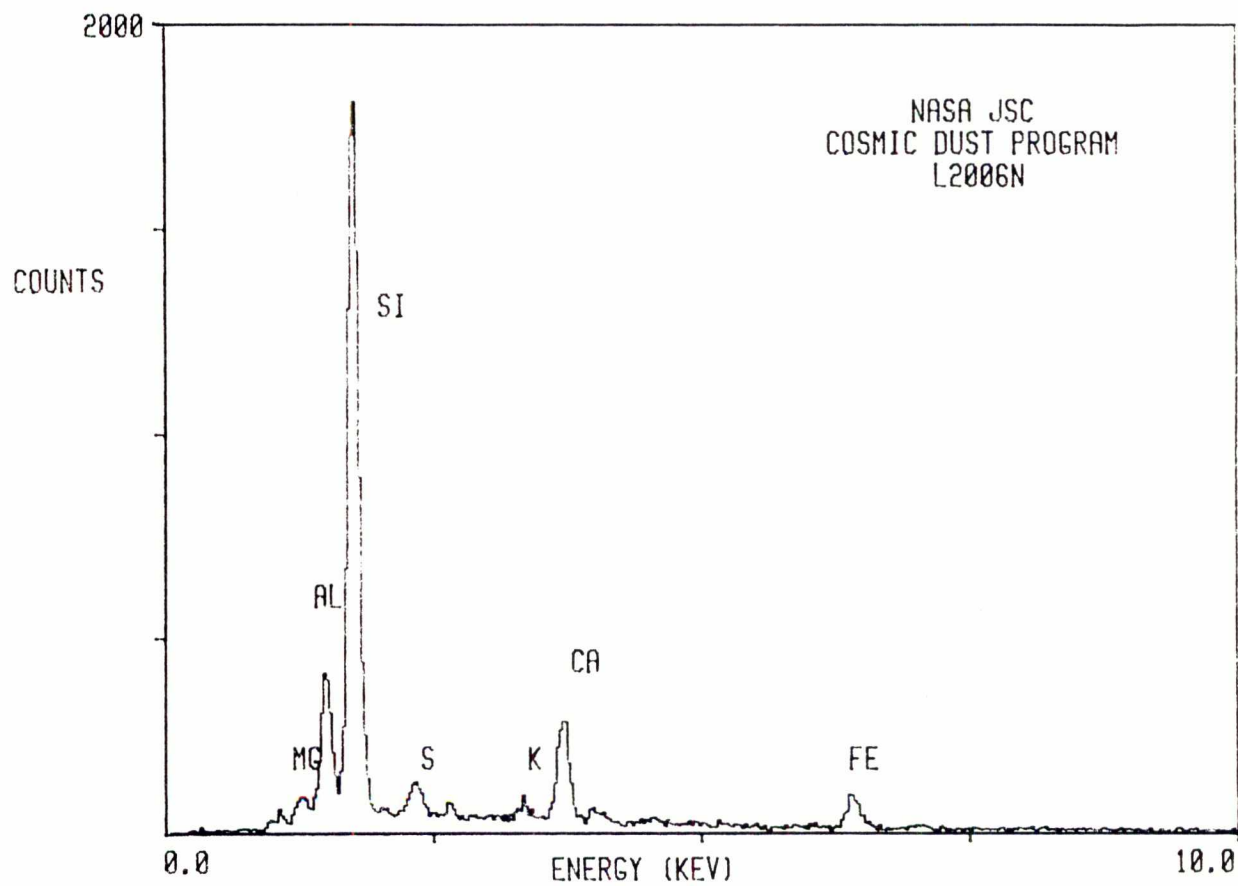


L2006 N 12

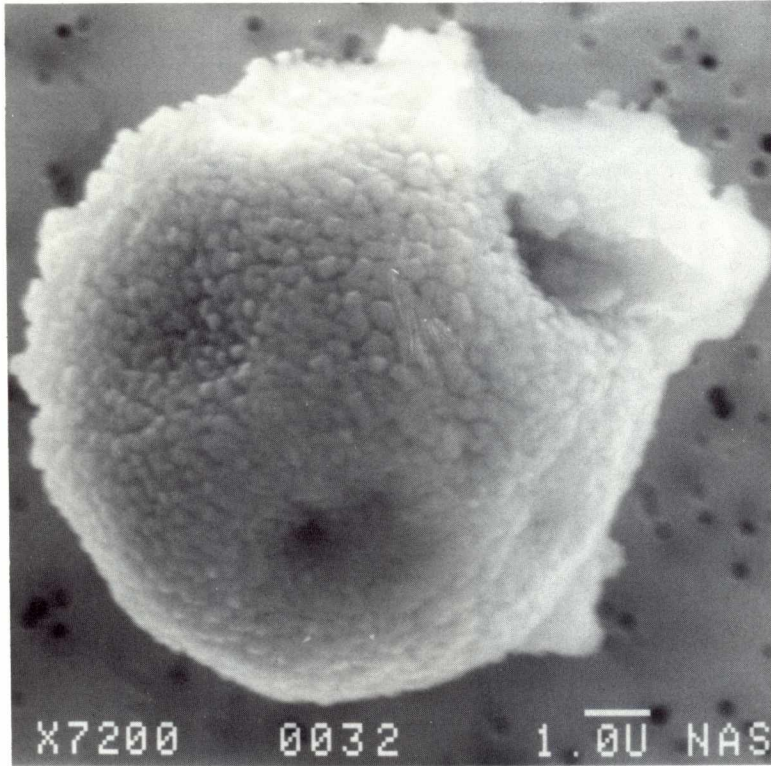


SIZE: 24x15  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: TCN?  
COMMENTS:

S-91-32232

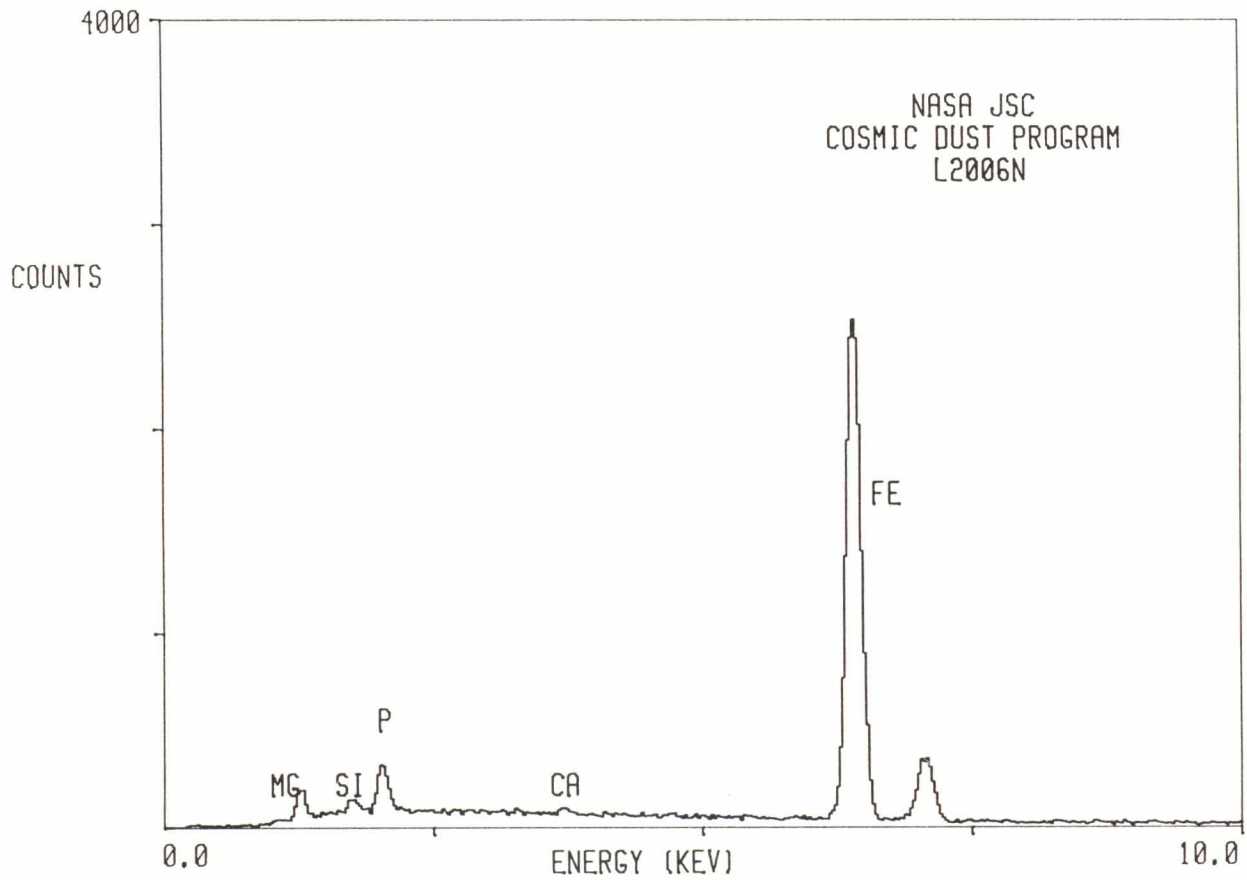


L2006 N 14

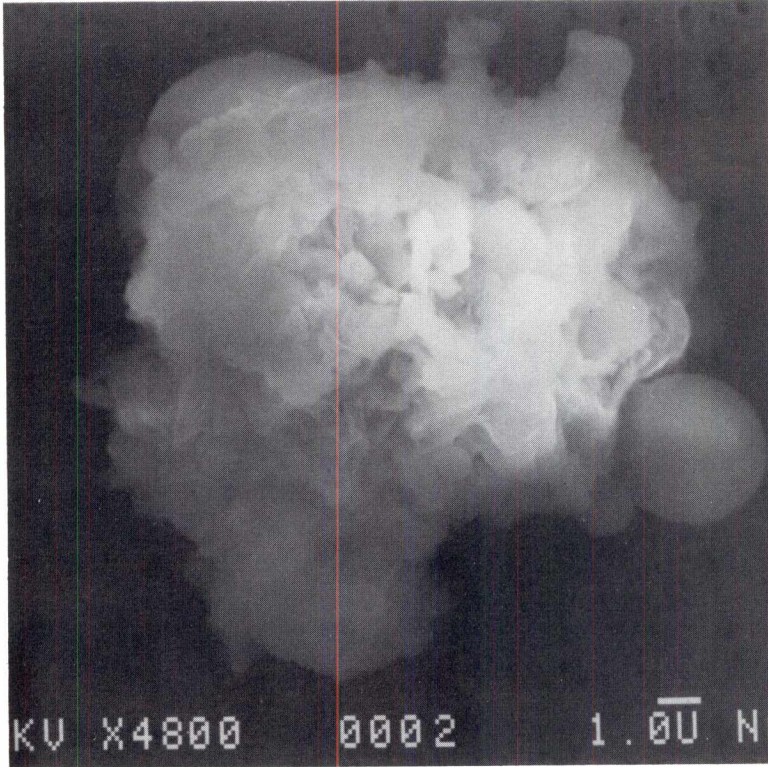


SIZE: 12  
SHAPE: I  
TRANS.: O  
COLOR: Black  
LUSTER: SM  
TYPE: TCN?  
COMMENTS:

S-91-32234

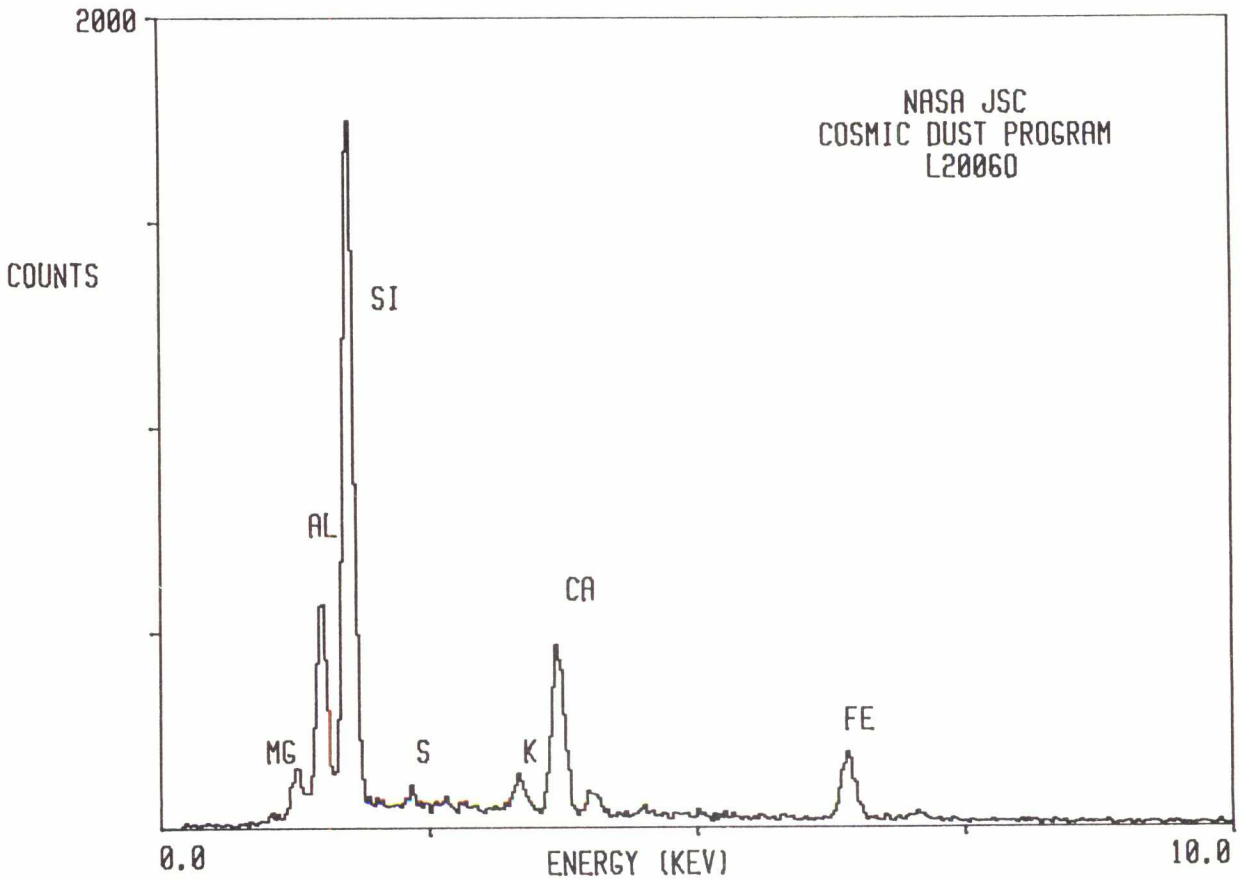


L2006 O 1



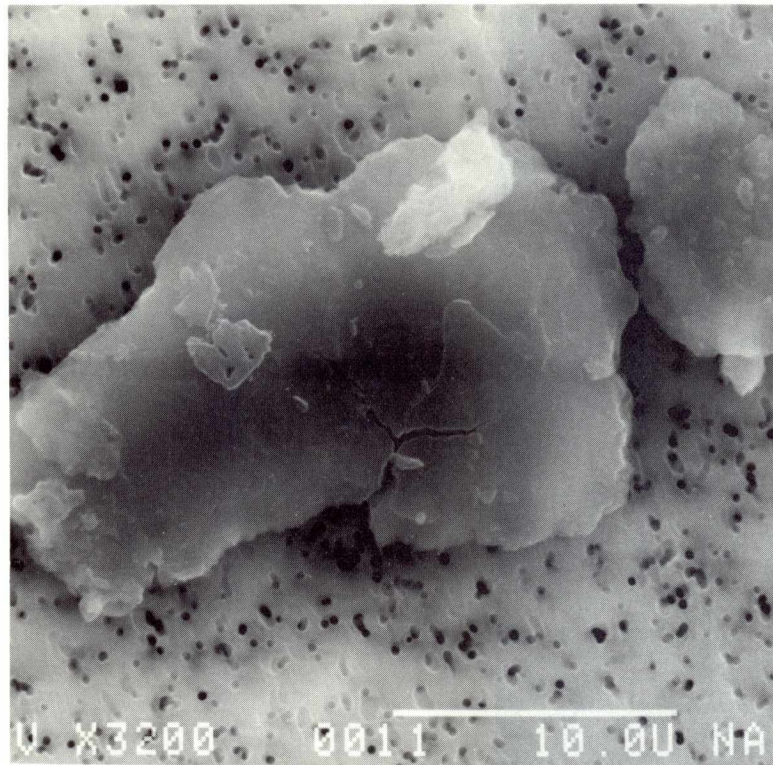
SIZE: 14  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: TCN  
COMMENTS:

S-91-32271





L2006 O 6



SIZE: 25x18

SHAPE: I

TRANS.: O

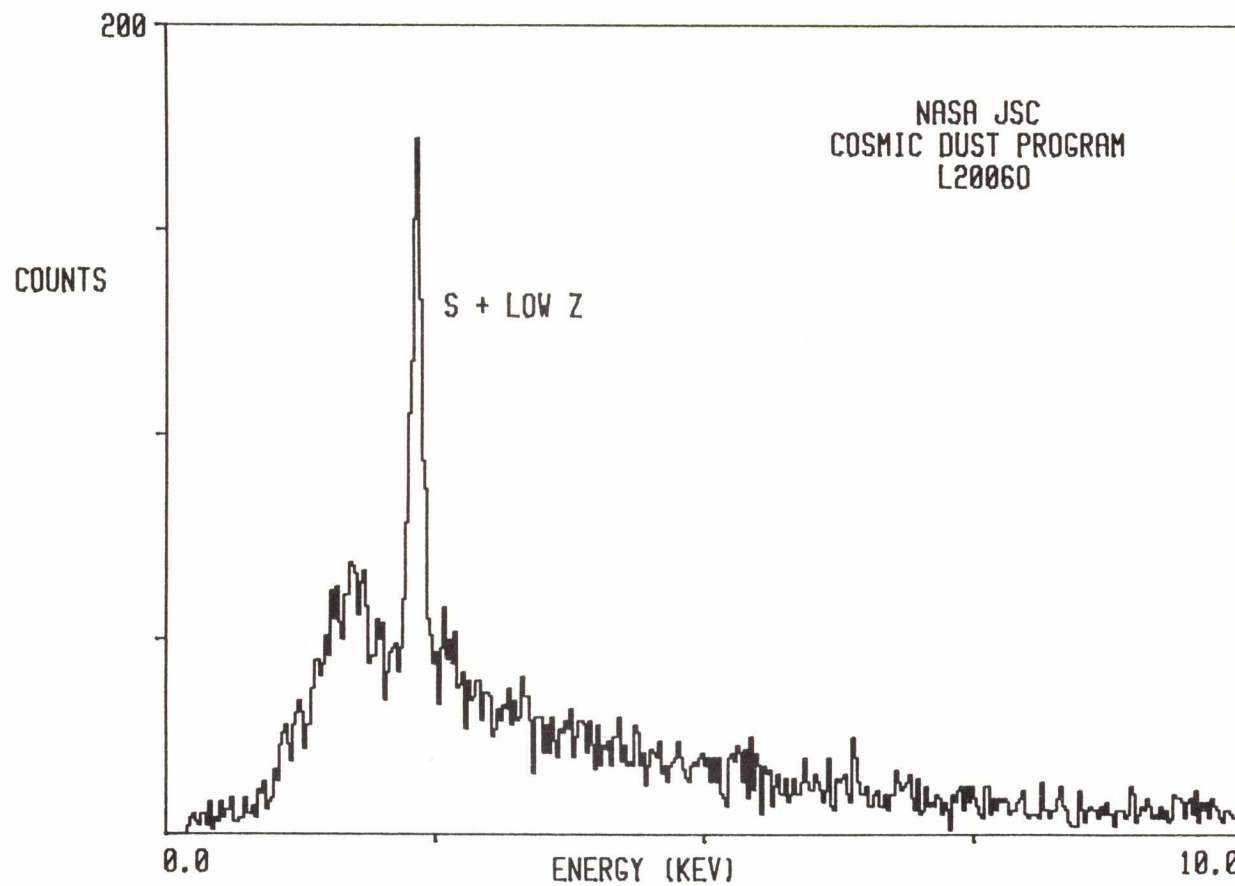
COLOR: Black

LUSTER: D

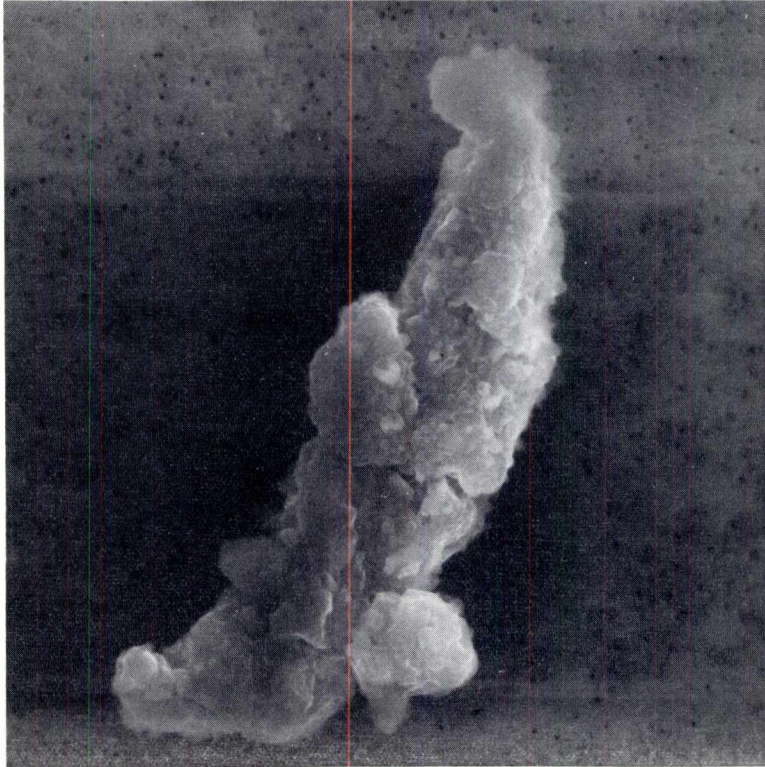
TYPE: TCN

COMMENTS:

S-91-32276

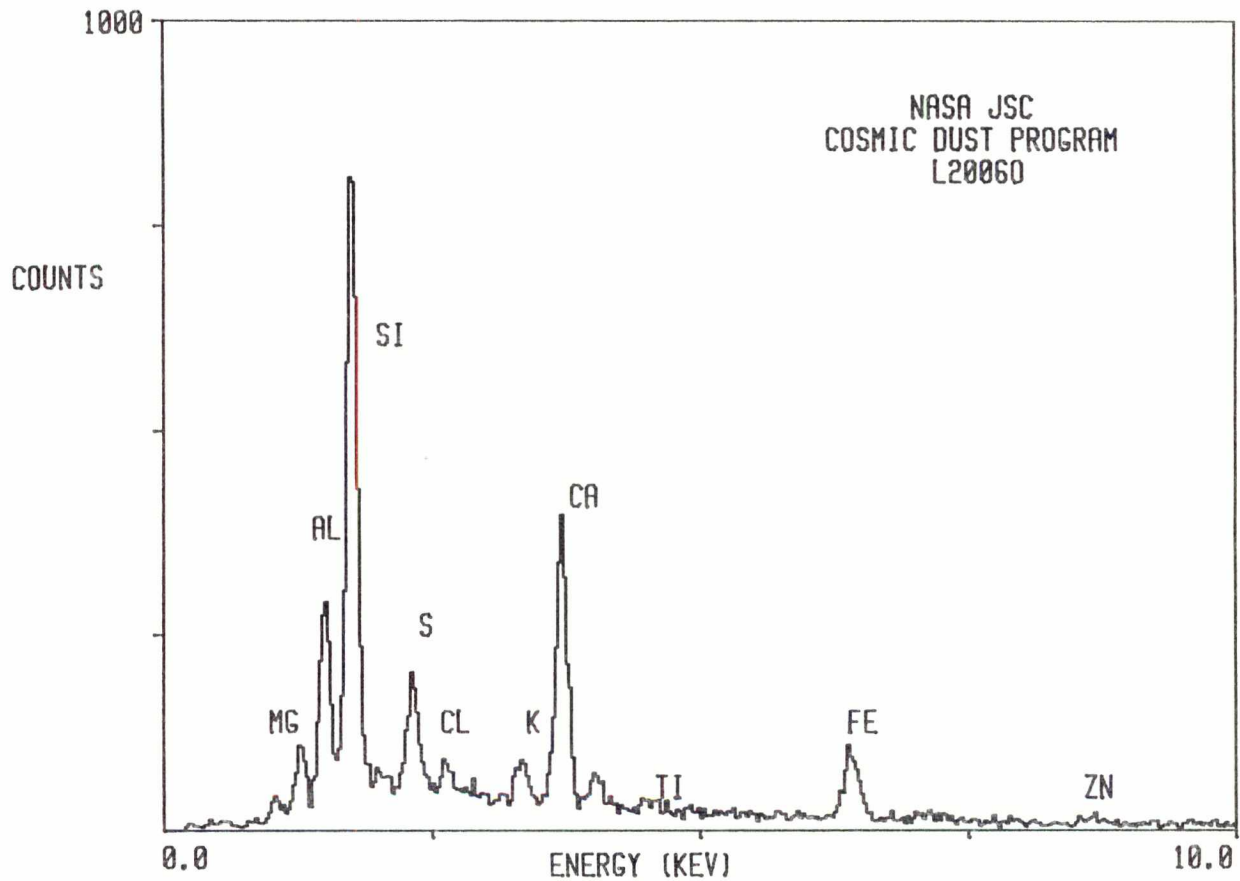


L2006 O 8



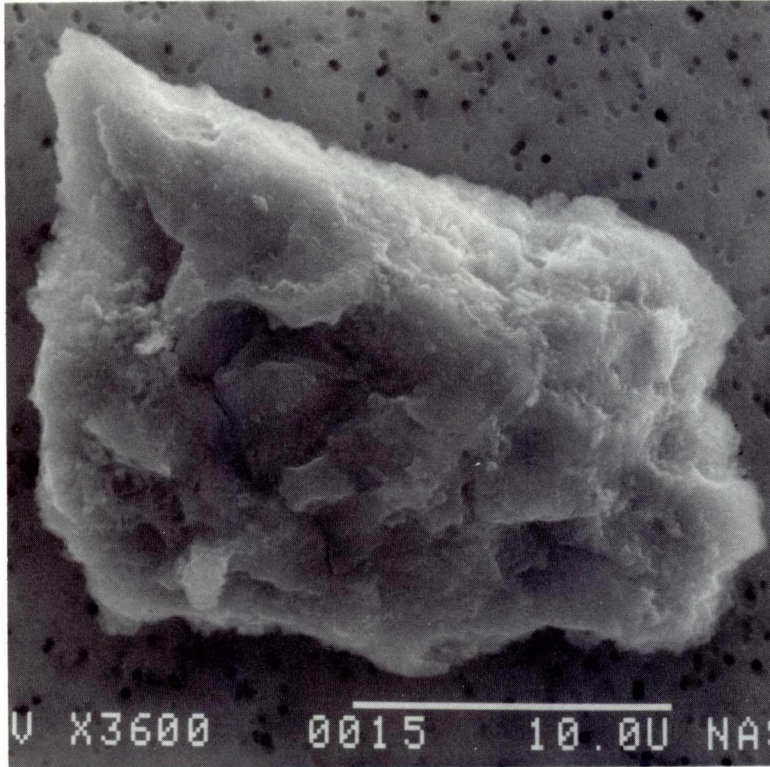
SIZE: 55x16  
SHAPE: I  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: TCN?  
COMMENTS:

S-91-32278



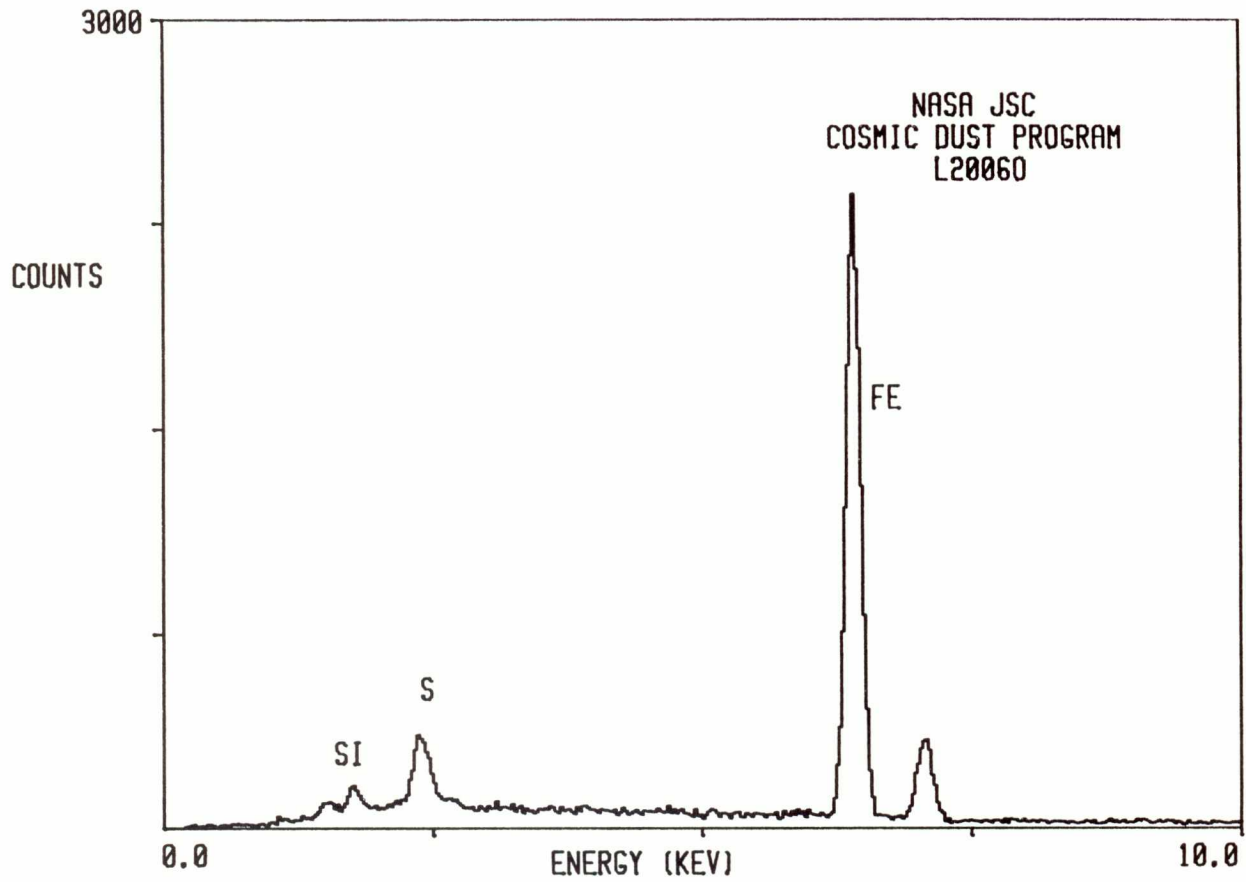
335

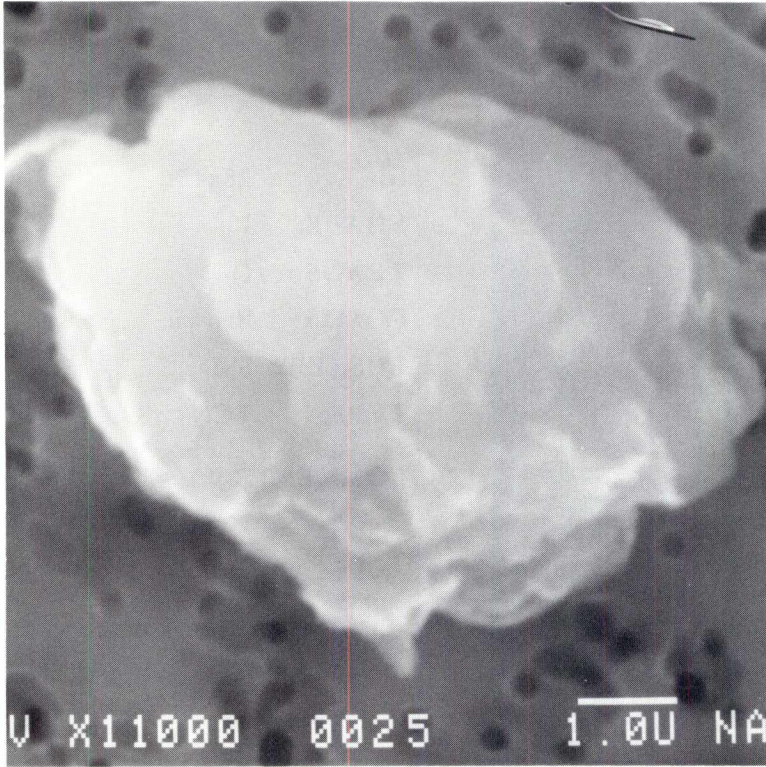
L2006 O 9



SIZE: 28x17  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: SM  
TYPE: TCN?  
COMMENTS:

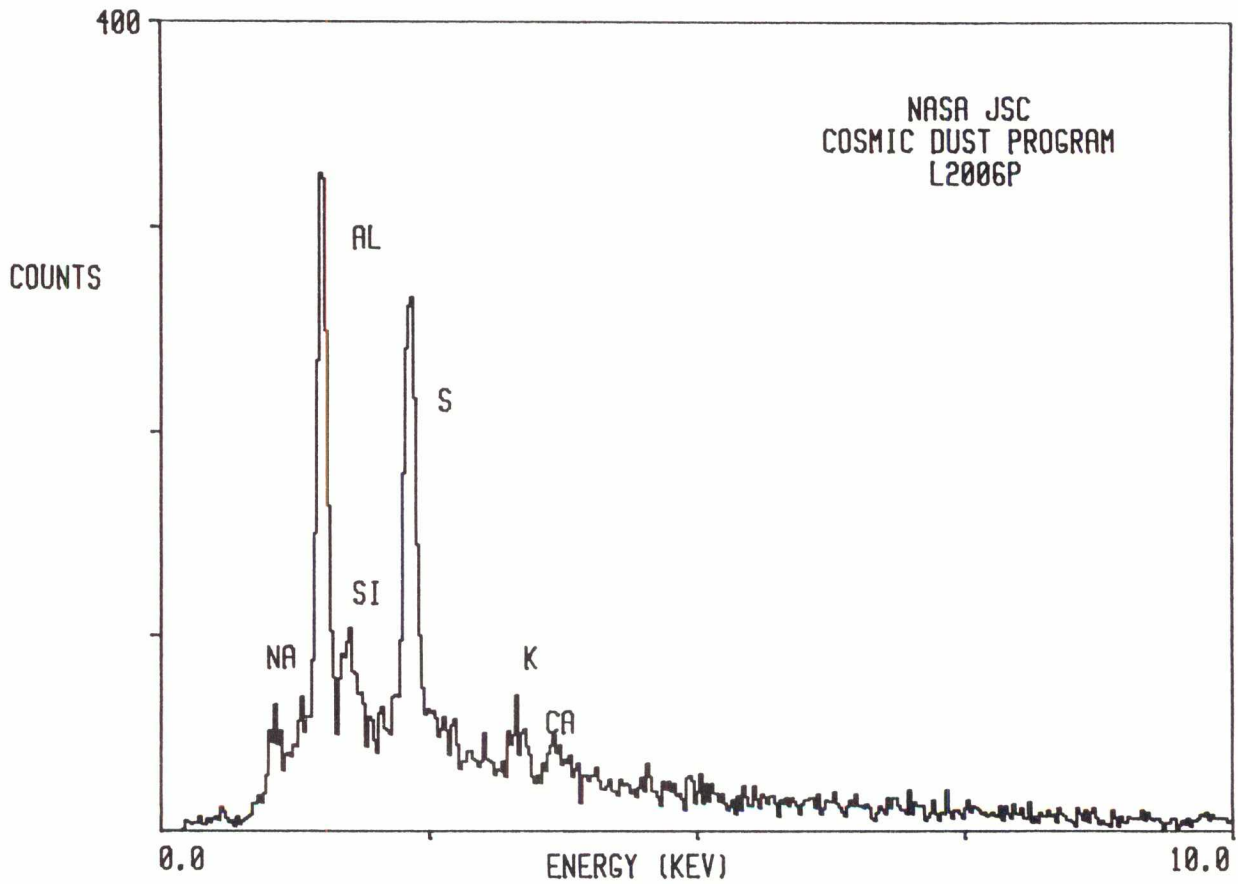
S-91-32279





SIZE: 8x6  
SHAPE: I  
TRANS.: O  
COLOR: Brown  
LUSTER: D  
TYPE: TCN?  
COMMENTS:

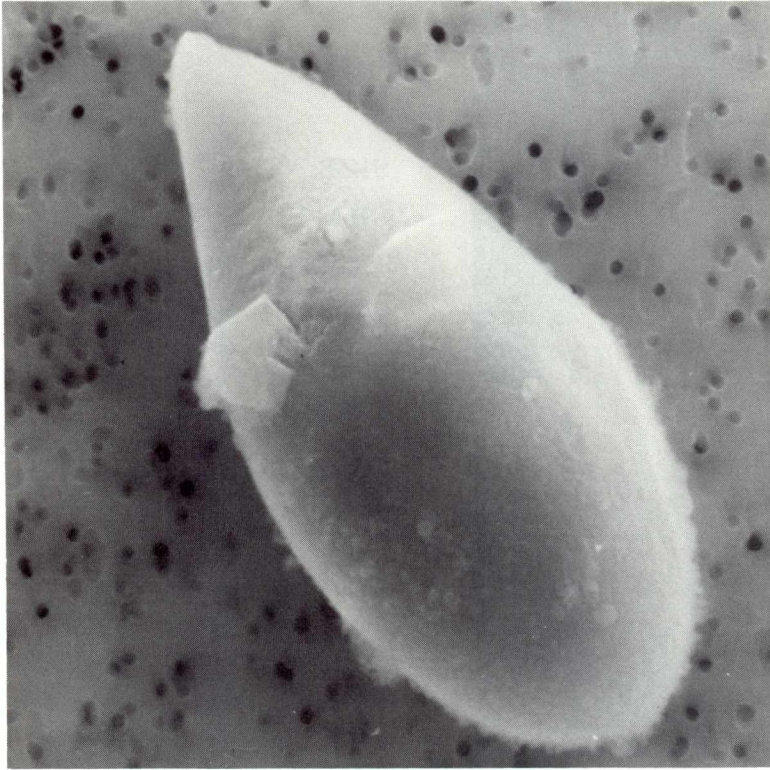
S-91-32287



Particle Descriptions  
**AOS Type**

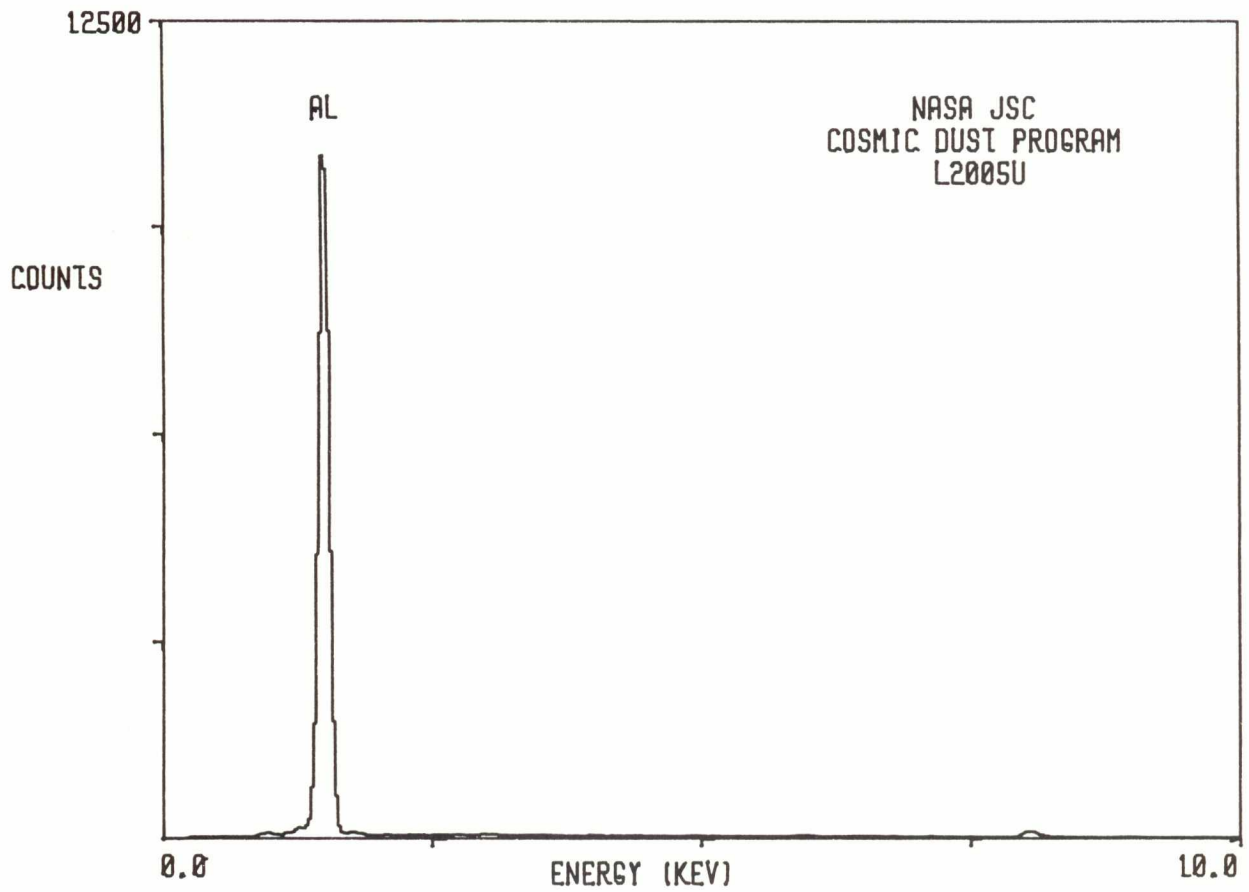
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L2005 U 14

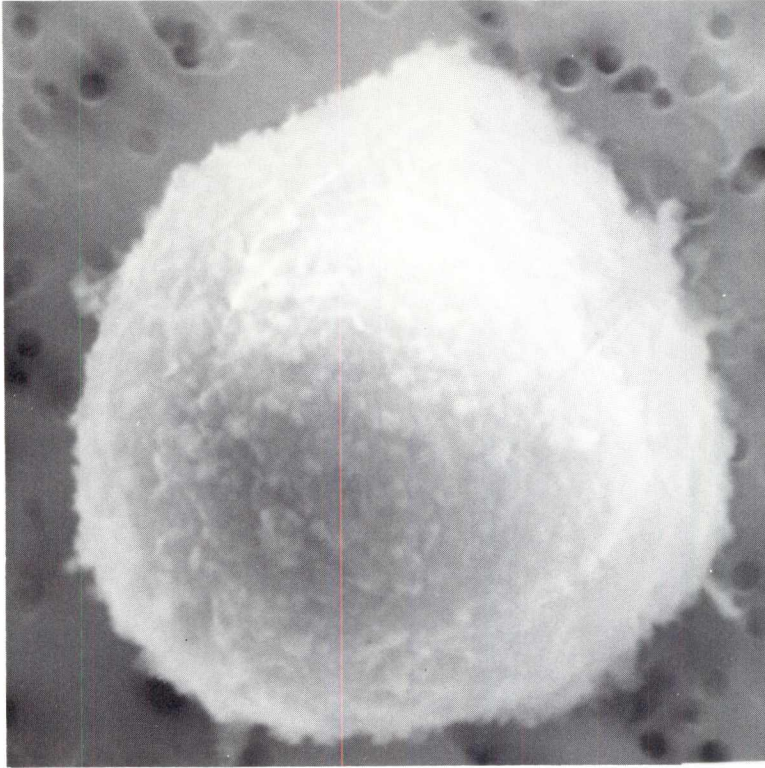


SIZE: 15x9  
SHAPE: I/S  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: AOS  
COMMENTS:

S-91-32339

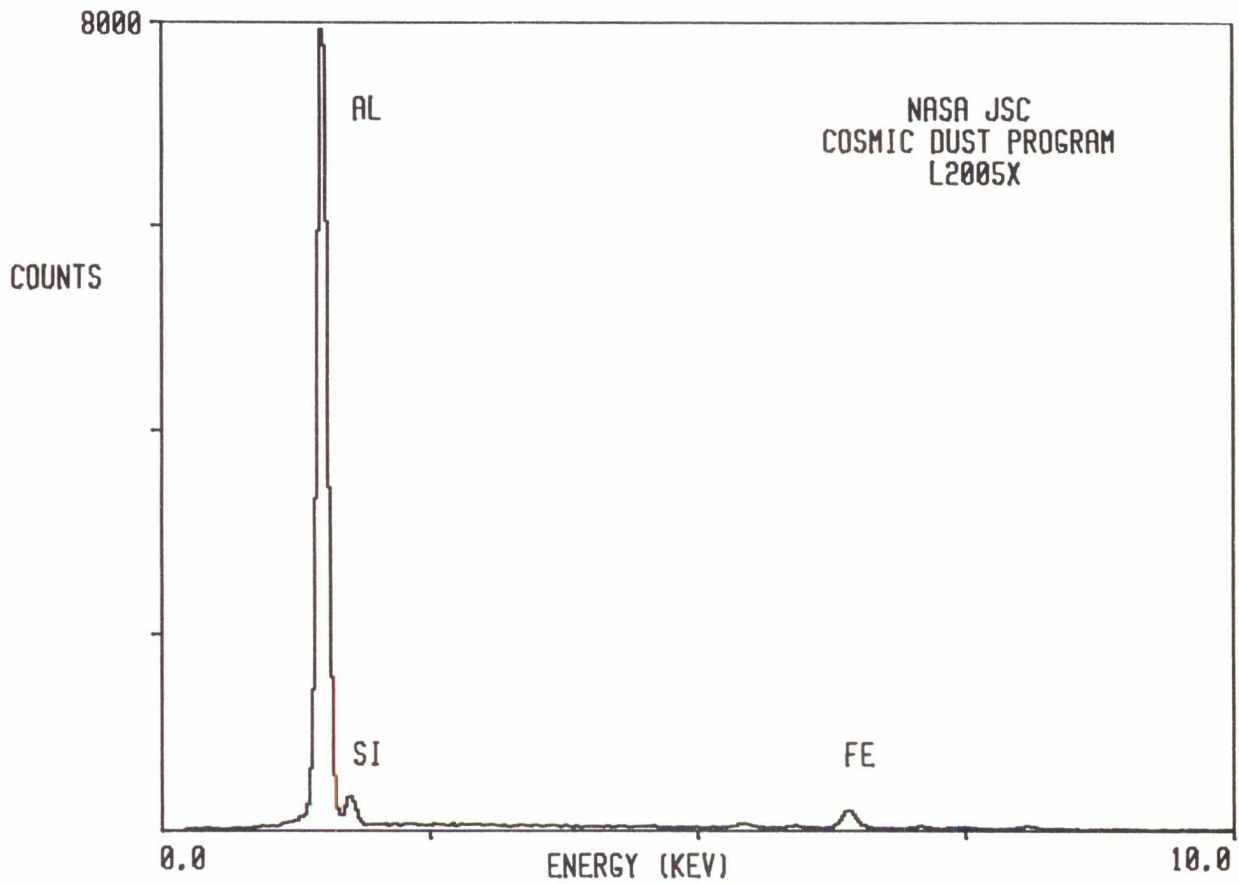


L2005 X 4

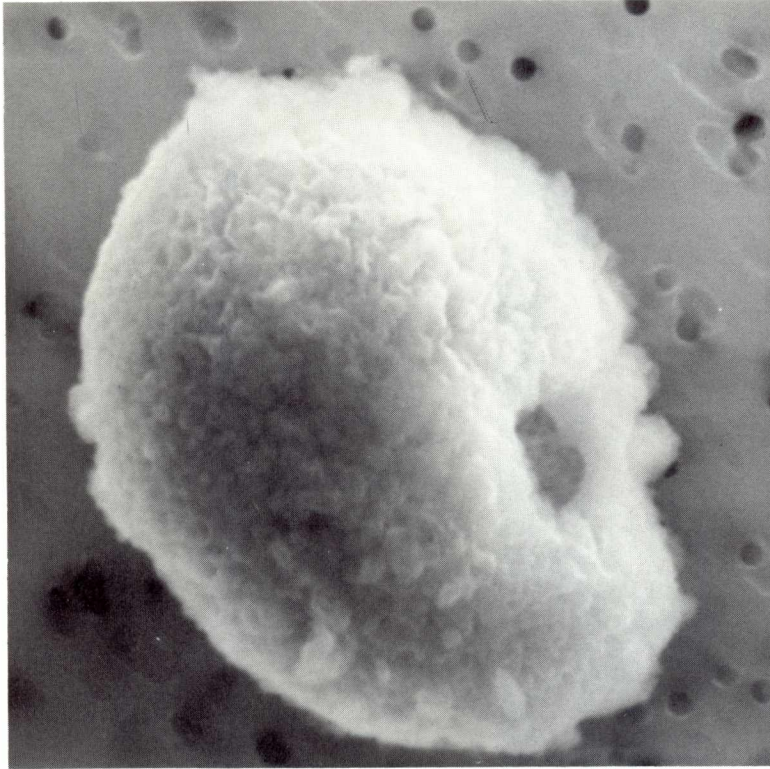


SIZE: 8  
SHAPE: S  
TRANS.: TL  
COLOR: Yellow  
LUSTER: V  
TYPE: AOS  
COMMENTS:

S-91-32180

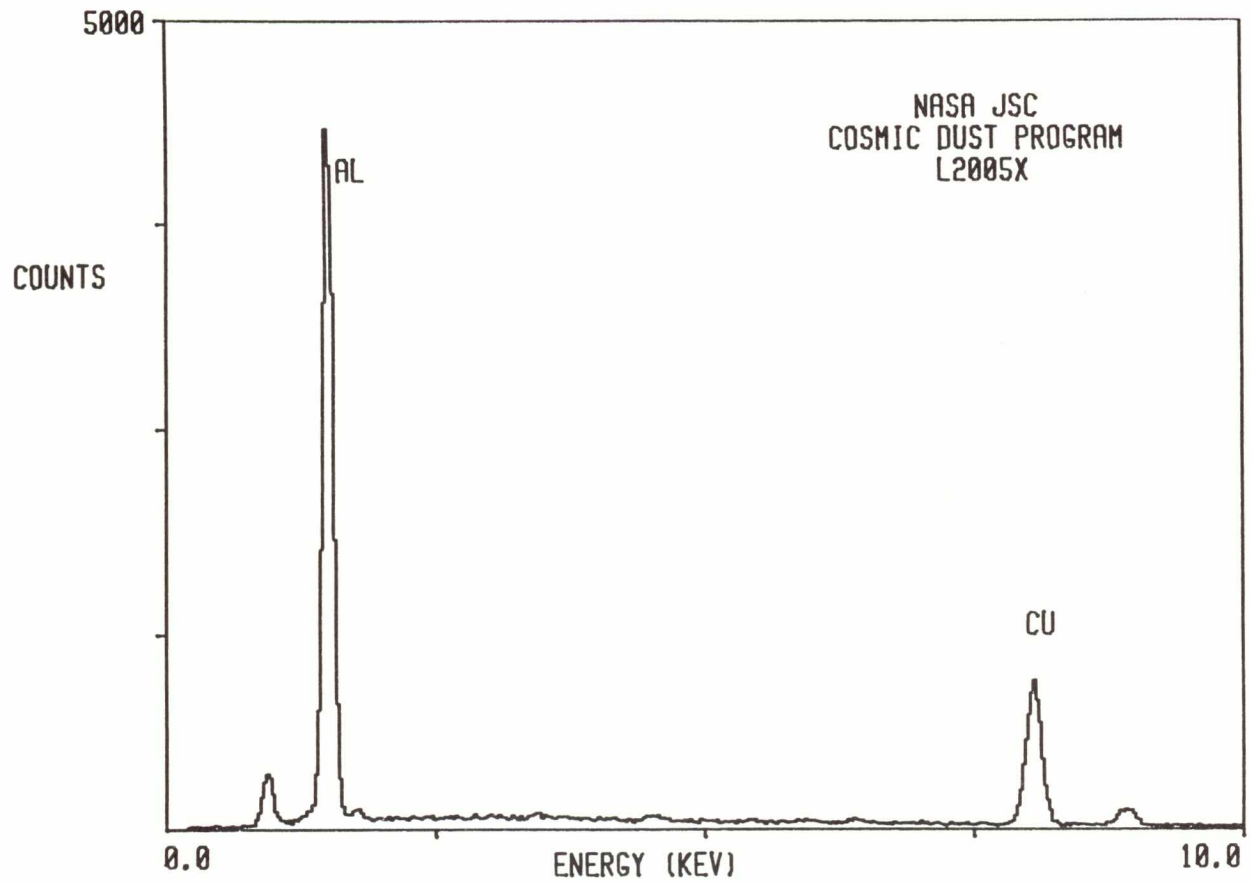


L2005 X 5



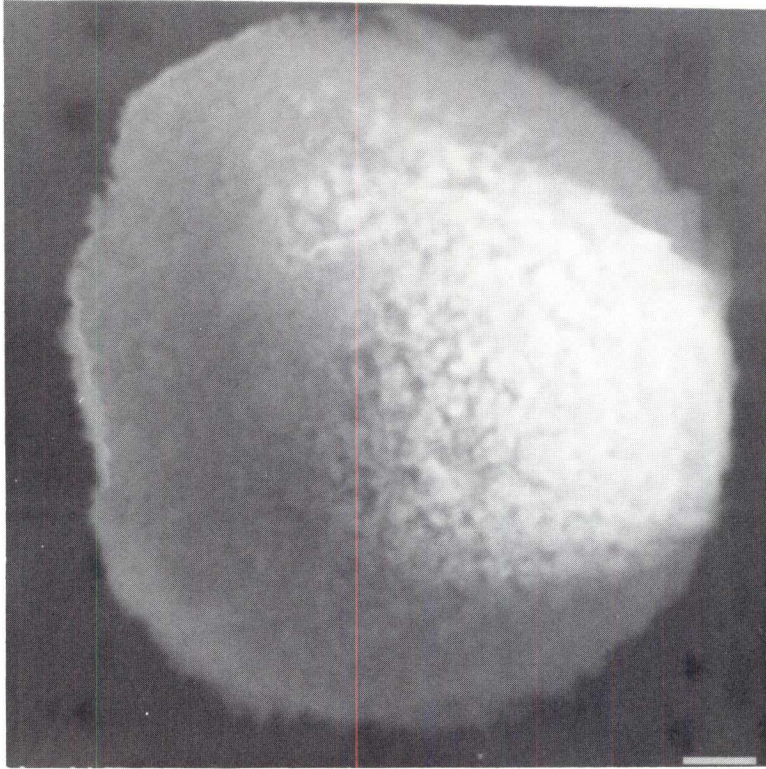
**SIZE:** 9x8  
**SHAPE:** E/S  
**TRANS.:** TL/O  
**COLOR:** Yellow to Brown  
**LUSTER:** V  
**TYPE:** AOS  
**COMMENTS:**

S-91-32181



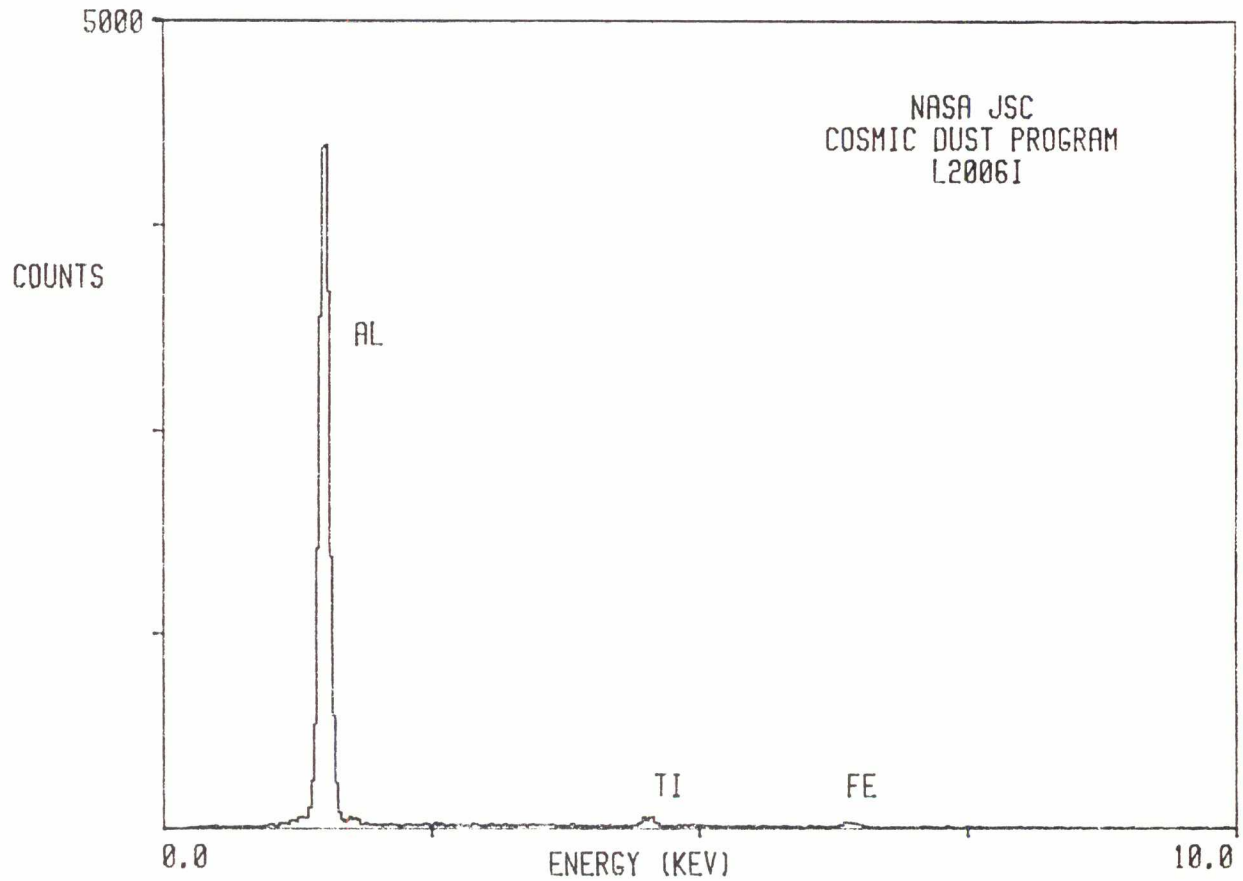


L2006 I 11

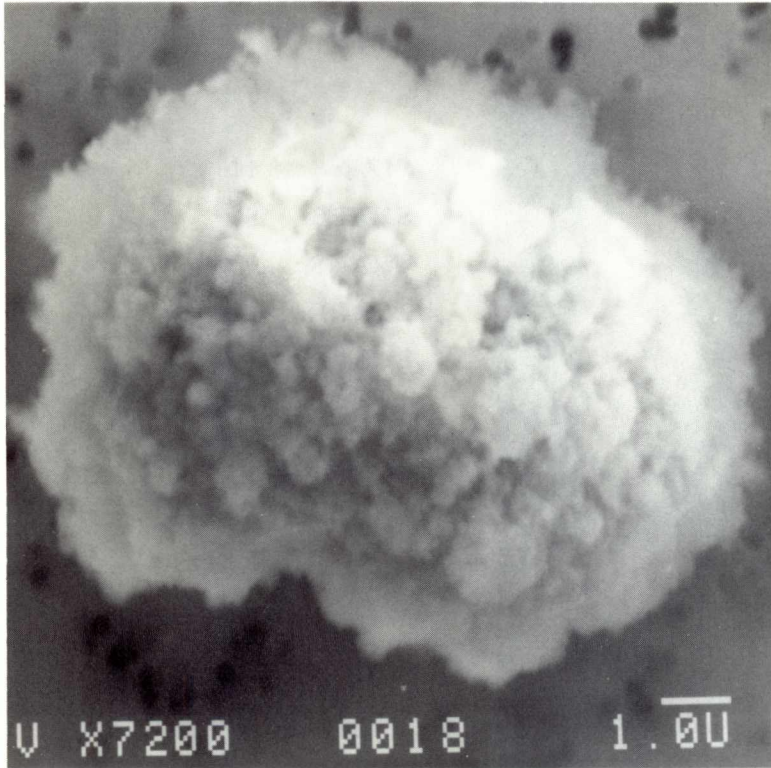


SIZE: 10  
SHAPE: S  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: V/D  
TYPE: AOS  
COMMENTS:

S-91-32317

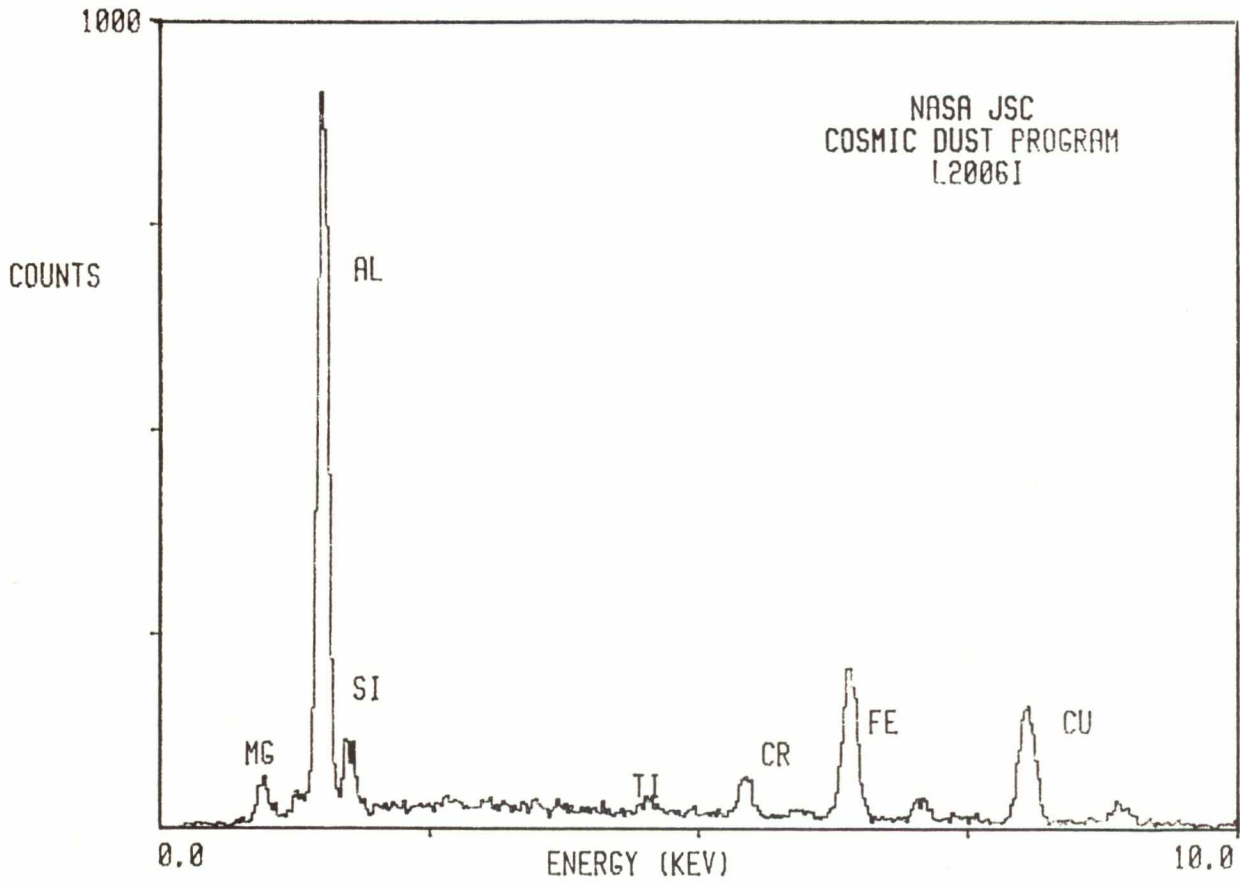


L2006 I 13

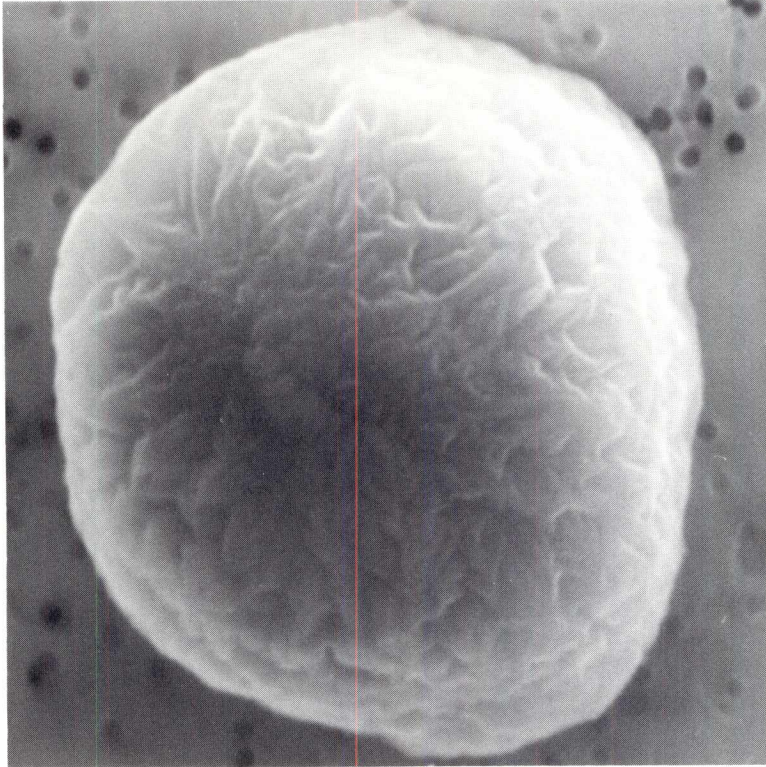


SIZE: 12x10  
SHAPE: S/E  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: V/D  
TYPE: AOS  
COMMENTS:

S-91-32319

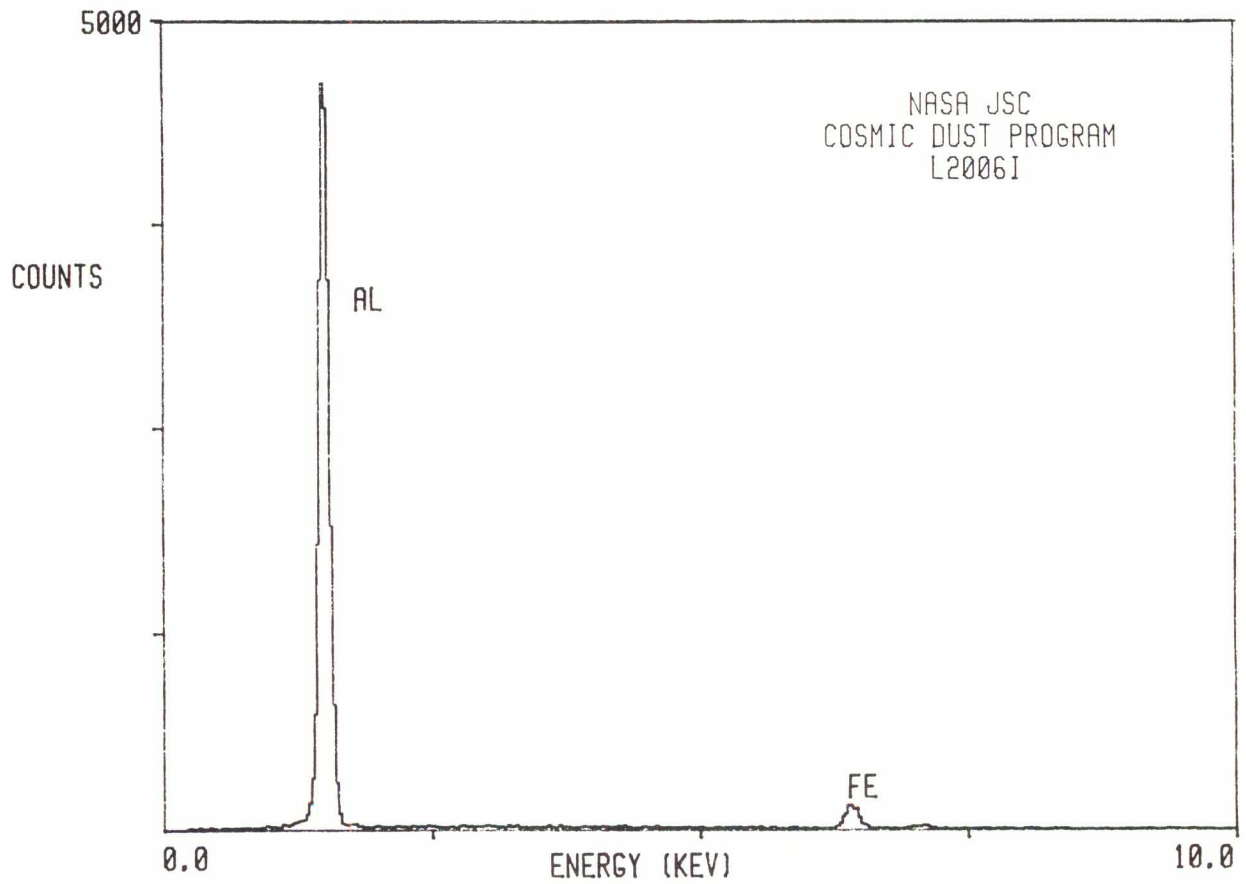


L2006 I 14



SIZE: 11  
SHAPE: S  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: V/D  
TYPE: AOS  
COMMENTS:

S-91-32320

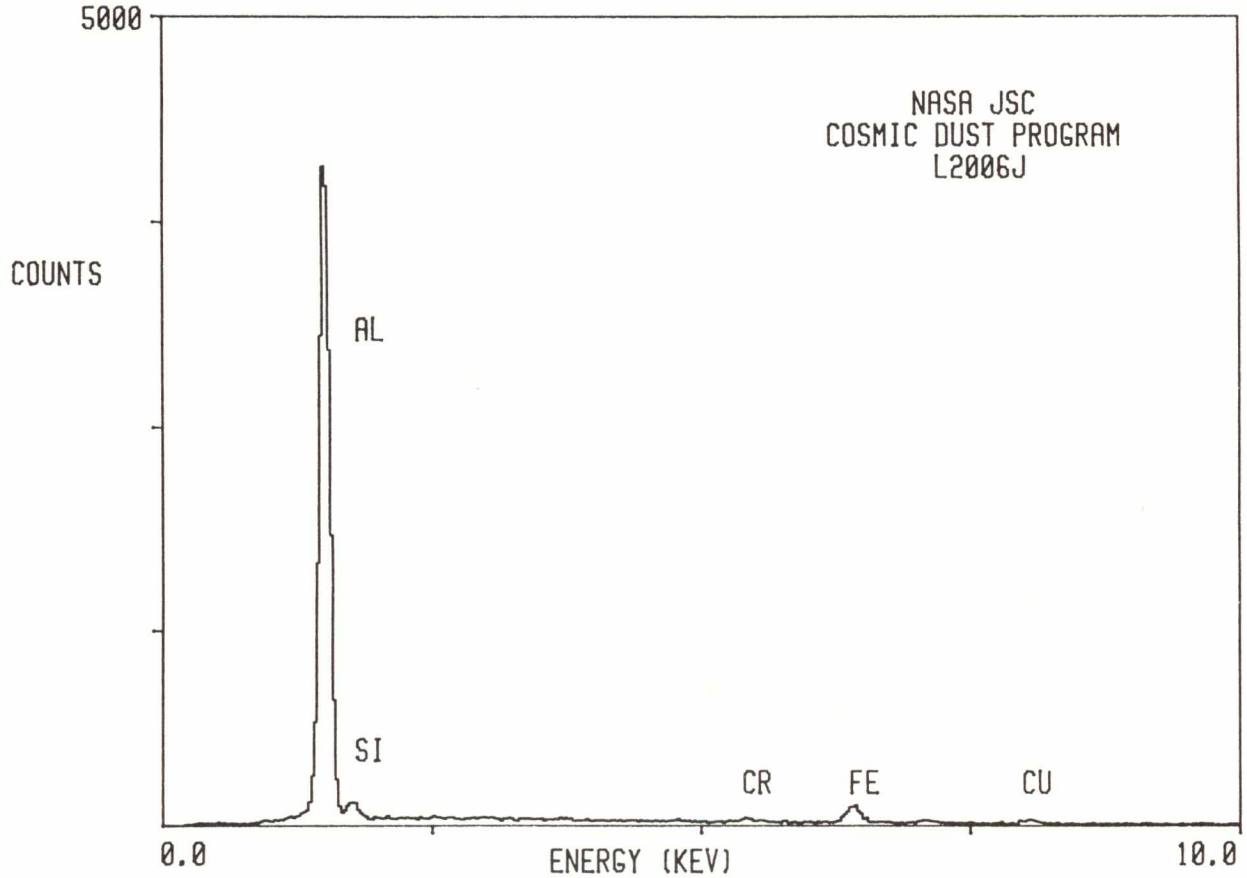


L2006 J 10

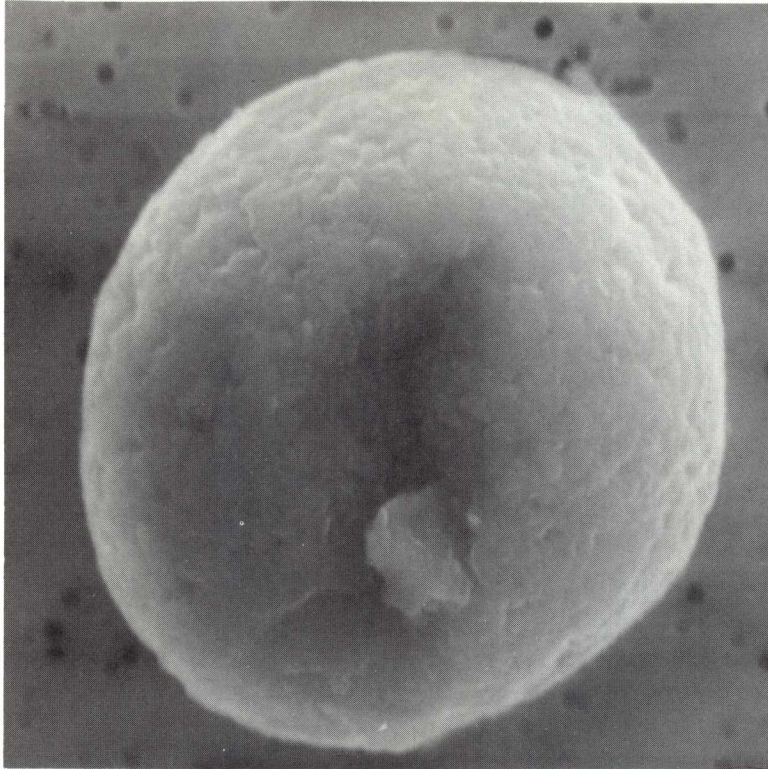


SIZE: 9  
SHAPE: S  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: AOS  
COMMENTS:

S-91-32265

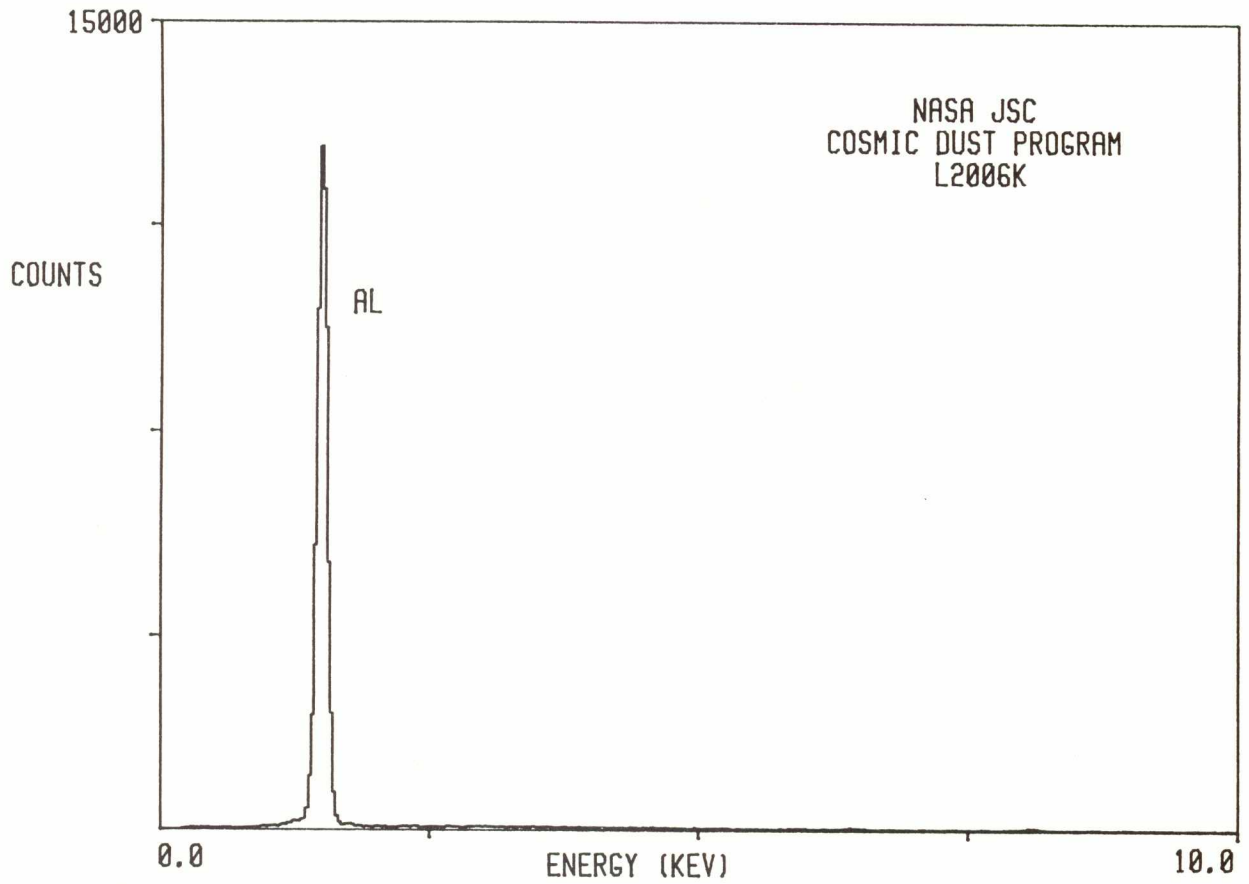


L2006 K 1

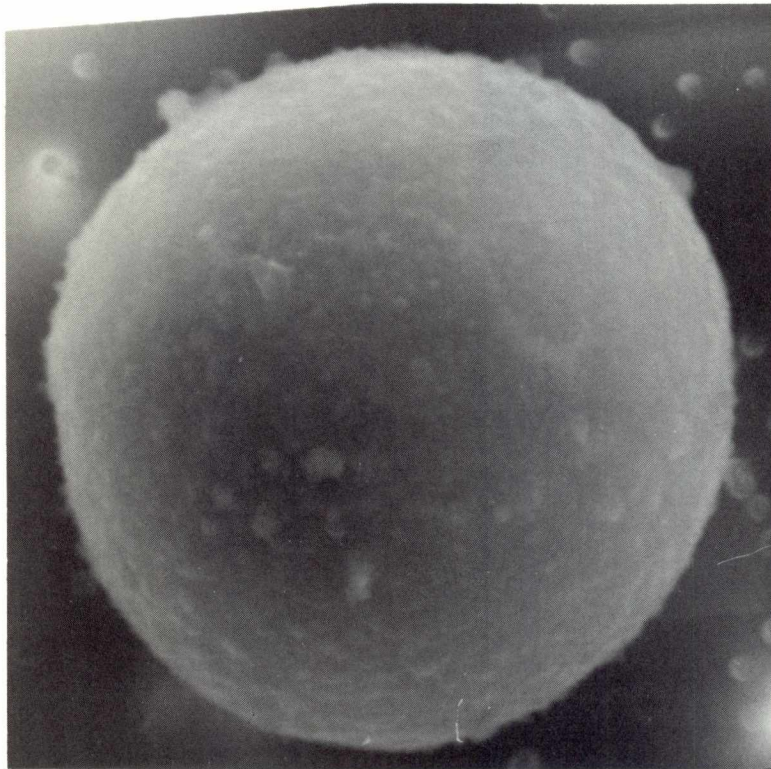


SIZE: 13  
SHAPE: S  
TRANS.: O  
COLOR: Brown  
LUSTER: SV  
TYPE: AOS  
COMMENTS:

S-91-32210

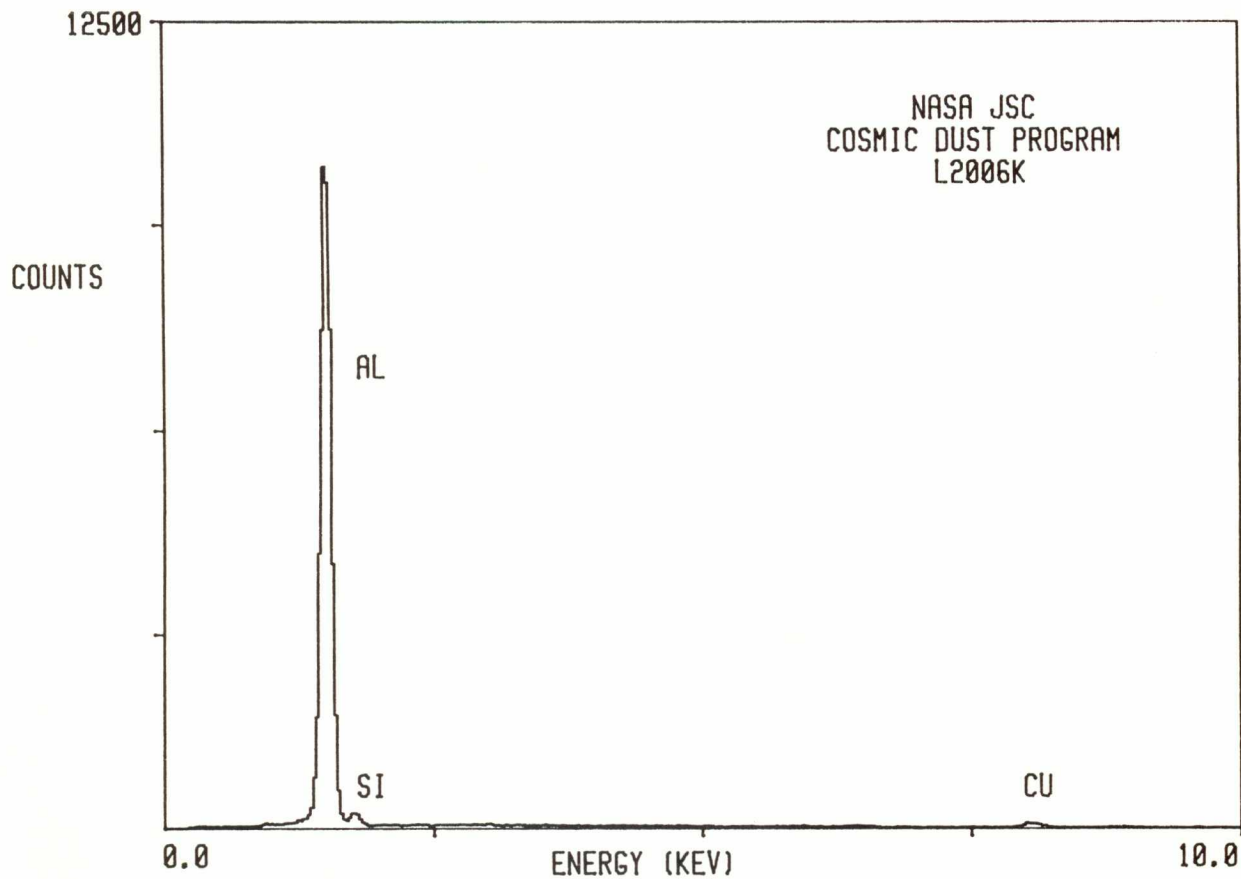


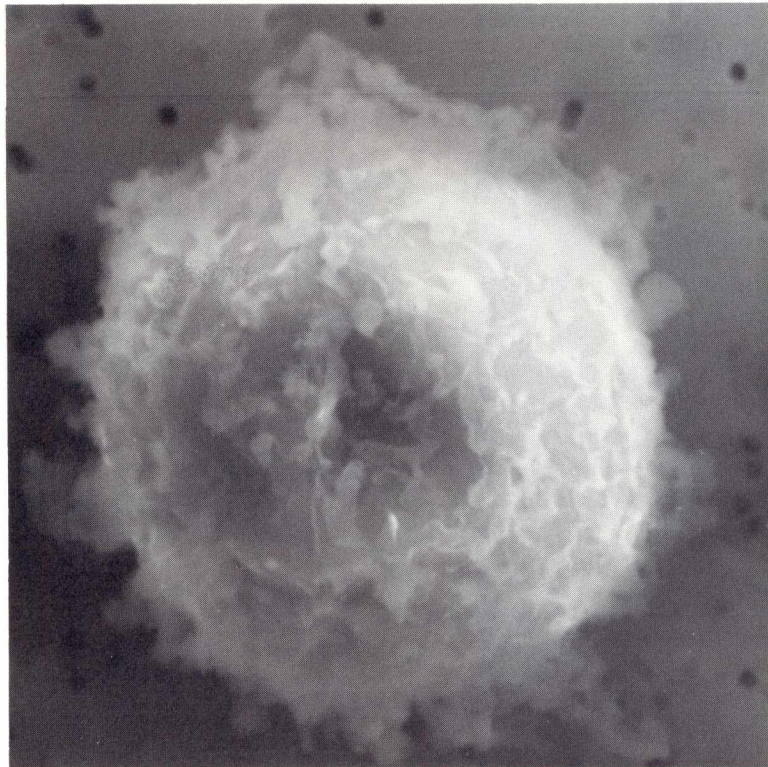
L2006 K 5



SIZE: 10  
SHAPE: S  
TRANS.: O/TL  
COLOR: Brown  
LUSTER: SV  
TYPE: AOS  
COMMENTS:

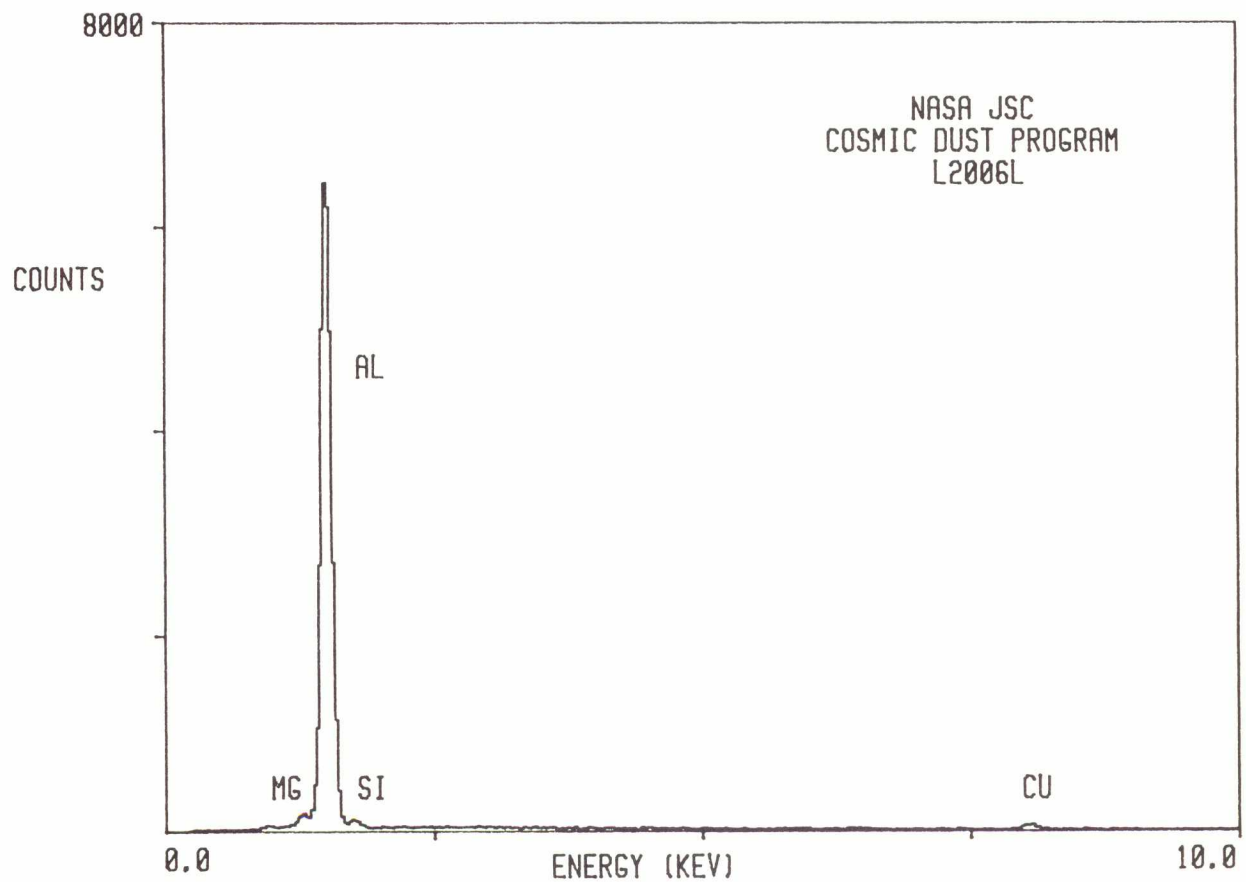
S-91-32214



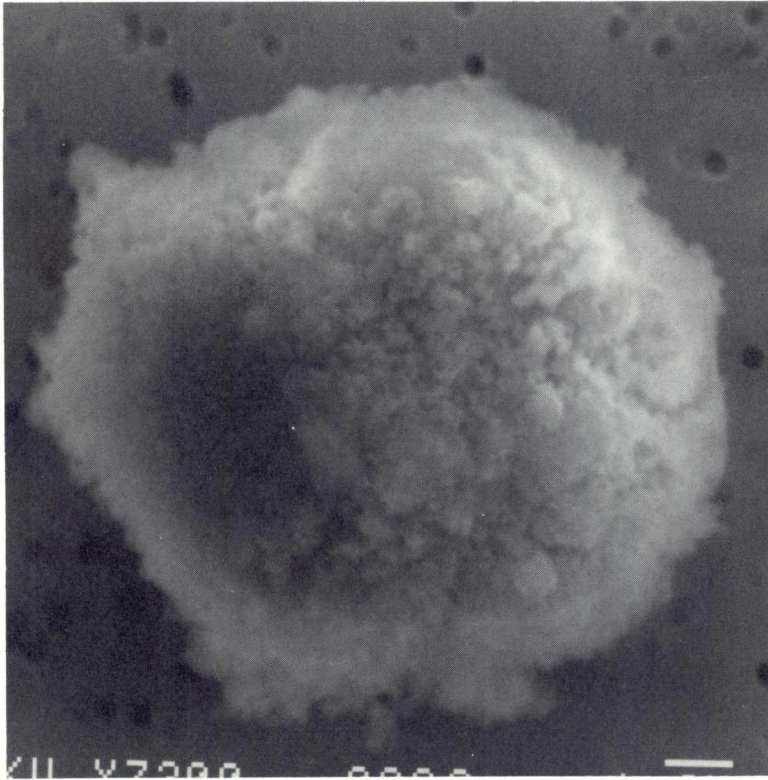


SIZE: 11  
SHAPE: S  
TRANS.: O  
COLOR: Brown  
LUSTER: SV  
TYPE: AOS  
COMMENTS:

S-91-32253

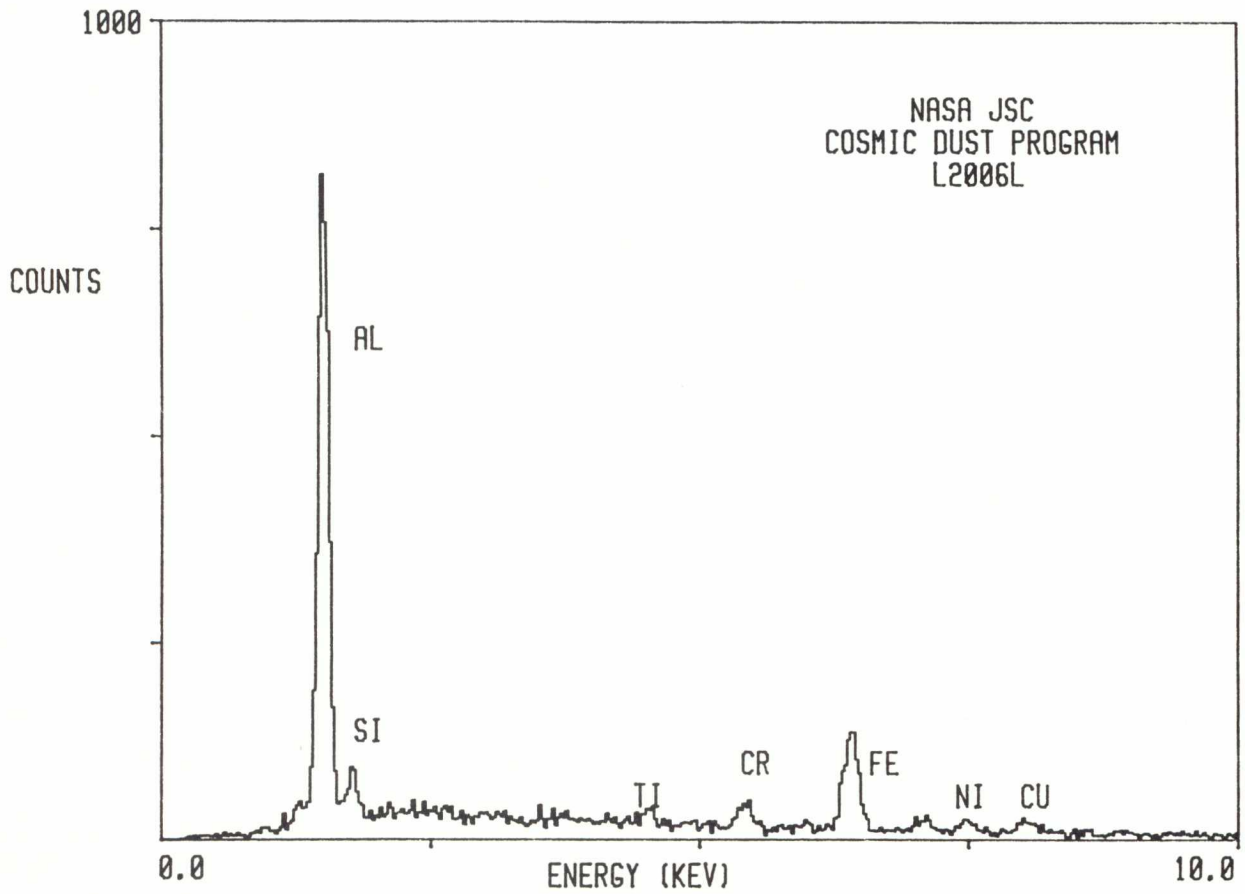


L2006 L 17



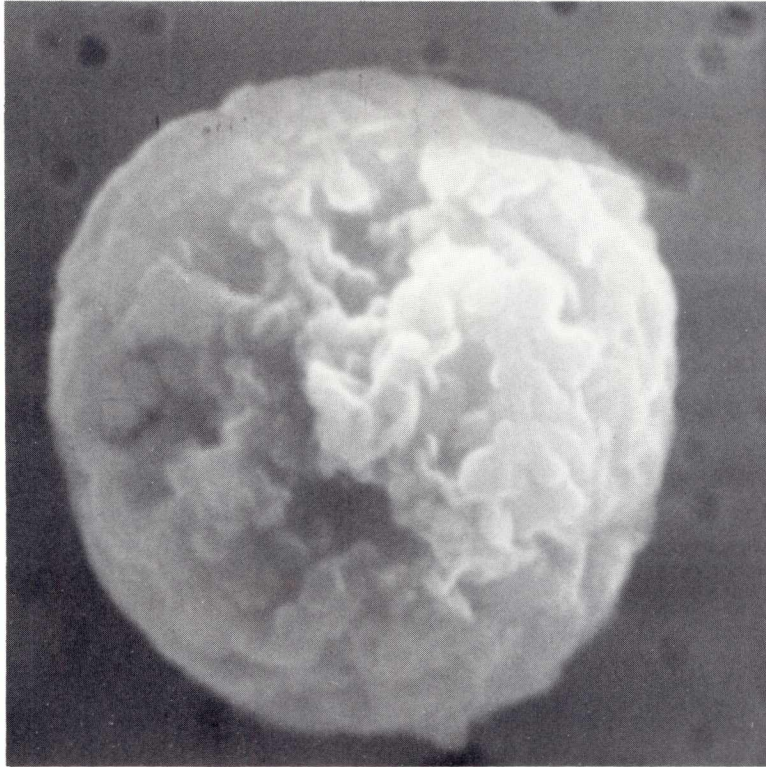
SIZE: 11  
SHAPE: S  
TRANS.: O  
COLOR: Brown  
LUSTER: SV  
TYPE: AOS  
COMMENTS:

S-91-32254





L2006 L 18



SIZE: 7  
SHAPE: S  
TRANS.: O  
COLOR: Brown  
LUSTER: SV  
TYPE: AOS  
COMMENTS:

S-91-32255

