

Cometary Cell C2029

Images

Aerogel Cell: [C2029-01.jpg](#)
[C2029_T1_20x.jpg](#)

Cell History: Cell C2029 was removed from the cometary grid on May 18, 2006

Track Information: The tile has several small-sized tracks.

Feature Images

Allocation History

Results

Log Entries

Note: All track / features (e.g., T1) numbers assigned during the Level 3 scanning are to be considered “**Temporary**” and in do not relate to the “Official” track number that is assigned when a given features is extracted (e.g., Keystoned) from a tile. Abbreviations: EH – Entrance Hole, TP – Terminal Particle, MTW – Maximum Track / Bulb Width, TL – Track Length.

05-31-06 – T.H. See

Removed cell **C029** from sample cabinets, determined Level 2 orientation and mount sample in to the Level 3 fixture for scanning.

Since the transmitted light source was already in position, I began this tile with the 20x & 7x mosaics in the backlight configuration.

Completed the 20x & 7x top views with backlighting.

Reconfigured for Depth Profiles.

Completed Depth Profiles @ 09:51.

Tracks

C029-T1 – Fairly large, bulbous track located near the back edge of the tile and ~ 8 mm from left end. Track measures on the order of 620 to 760 μm , depending on which object is the terminal particle that is associated with this track. No terminal particle visible due to the image having to pass through the entire aerogel cell. At lower magnification there does appear to be a terminal particle present. Entrance hole on the order of 50 μm , while the wide part of the bulb (MTW) is ~ 140 μm across.

C029-T2 – Somewhat smaller bulbous track ~ 1200 μm in length with a terminal particle ~ 30 μm in size. Entrance Hole is on the order of 40 μm in size, while the widest part of the bulb in ~ 115 to 120 μm across.

Completed tile around 11:10 am. Only two tracks found.