

The figure is a circular plot representing the spatial distribution of comet nuclei relative to Earth's orbit. The horizontal axis is labeled "E-W Direction [AU]" and ranges from -1.00 to 1.00. The vertical axis has labels "N" at the top and "S" at the bottom. Concentric dashed circles indicate distances from Earth's orbit at 0.75 AU, 1.5 AU, and 2.25 AU. Data points are categorized by color based on their minimum orbital intersection distance (g): red for $g > 2$, yellow for $1.5 < g < 2$, green for $1.2 < g < 1.5$, and white for $g < 1.2$. Numerous points are labeled with identifiers such as C206+439, C286, C323+32, C263.1, C267, C273, C275, C255, C055+01, C059-010, C044-008, C035-058, C031-11, C041-08, C019-142, C057-191, C0634-19, C0839-071, C0741-06, C0713-024, C052-130, C0716+022, C0723+10, C0703+138, C0552+12, C0548+16, C0556+192, C0531+194, C0422+178, C0418+236, C0411+05, C0347+05, C0320+05, C0324+119, C0338+308, C0357, C0258+350, C0355+50, C0319, C03147, C03196, C0821+394, C0732+33, C0236, C0241, C0208, C0926+117, C0111+110, C0107+109, C0127-14, C0136-13, C0213-21.

Figure 1 is a scatter plot showing the N-S Direction [AU] versus the Sun-Earth Direction [AU]. The plot displays various interplanetary dust particles (IDPs) as colored circles, with their positions relative to the Sun and Earth indicated by concentric dashed circles. The Sun is at the center (0,0) and Earth is at (1,0). The plot shows a distribution of IDPs, with some clustered near the Sun and others further out. The N-S Direction ranges from -1.00 to 1.00 AU, and the Sun-Earth Direction ranges from 0.0 to 1.0 AU.