

Figure 1 is a scatter plot showing the distribution of 40 interplanetary dust particles (IDPs) in the Sun-Earth direction. The x-axis represents the Sun-Earth Direction in AU, ranging from 0.0 to 1.0. The y-axis represents the E-W Direction in AU, ranging from -1.00 to 1.00. Concentric dashed circles indicate distances from the Sun at 0.25, 0.50, 0.75, and 1.00 AU. A solid arc represents the Earth's orbit at 1 AU. IDPs are marked with circles: green for those with measured sizes and yellow for those without. Many points are labeled with IDs like C273, C283, C286, etc.