

Figure 1 is a scatter plot showing the N-S Direction [AU] versus the Sun-Earth Direction [AU] for various interplanetary dust particles (IDPs). The plot is a quadrant of a circle with the Sun at the center (0,0) and Earth at (1,0). The y-axis ranges from -1.00 to 1.00 AU, and the x-axis ranges from 0.0 to 1.0 AU. Concentric dashed circles represent distances of 0.25, 0.50, 0.75, and 1.00 AU from the Sun. Data points are labeled with IDs and colors: green (n=10), yellow (n=10), red (n=10), and grey (n=10). The plot shows a distribution of IDPs with a higher density near the Sun and Earth.