

[illegible]

Figure 1 is a scatter plot showing the distribution of 100 simulated objects in the N-S Direction [AU] versus the Sun-Earth Direction [AU]. The plot includes concentric dashed circles representing distances from the Sun (0.25, 0.50, 0.75, 1.00 AU) and a solid arc representing the Earth's orbit (1.00 AU). The Sun is at (0,0) and Earth is at (1,0). The objects are color-coded by their N-S direction: red for positive (N), green for negative (S), and yellow for intermediate values. The plot shows that objects are distributed throughout the volume, with a higher density near the Sun and Earth.