

Figure 1 is a scatter plot showing the N-S Direction [AU] versus the Sun-Earth Direction [AU]. The plot displays the positions of various comets relative to the Sun and Earth. The Sun is at the origin (0,0), and Earth is at (1,0). 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. Comets are represented by colored circles (yellow, green, red) and labeled with their names. Concentric dashed circles represent distances from the Sun, and a solid arc represents the Earth's orbit. A vertical line marks the Sun-Earth direction.