

Figure 1 is a scatter plot showing the distribution of 30 interstellar objects (ISOs) relative to the Sun and Earth. The plot uses a coordinate system where the Sun is at the origin (0,0) and Earth is at (1,0). The x-axis represents the Sun-Earth Direction [AU], ranging from 0.0 to 1.0. The y-axis represents the N-S Direction [AU], ranging from -1.00 to 1.00. Concentric dashed circles indicate distances from the Sun at 1 AU, 2 AU, and 3 AU. A solid black curve represents the Earth's orbit. The ISOs are color-coded based on their distance from the Sun: yellow for objects within 2 AU, green for objects between 2 AU and 3 AU, and red for objects further than 3 AU. Many points are labeled with their names and discovery dates, such as 1I/2017 F1, 1I/2019 Q4, and 1I/2017 V1.