

The figure is a scatter plot titled "N-S Direction [AU]" vs "Sun-Earth Direction [AU]". The x-axis represents the distance from the Sun towards Earth, ranging from 0.0 to 1.0 AU. The y-axis represents the North-South direction, ranging from -1.00 to 1.00 AU. The Sun is located at (0,0) and Earth is at (1,0). Dashed concentric circles centered at the Sun indicate distances of 0.25, 0.5, 0.75, and 1.0 AU. Data points include comets (open circles) and asteroids (filled dots) of varying sizes. Many points are labeled with identifiers such as 3C267, 3C298, 3C318, 3C216, 3C279, 3C255, 3C222, 3C230, 3C237, 3C241, 3C263.1, 3C266+32, 3C206+439, 3C313+453, 3C345+12, 3C434+03, 3C523+03, 3C535+139, 3C555+01, 3C741, 3C743, 3C744, 3C745, 3C746, 3C747, 3C748, 3C749, 3C750, 3C751, 3C752, 3C753, 3C754, 3C755, 3C756, 3C757, 3C758, 3C759, 3C760, 3C761, 3C762, 3C763, 3C764, 3C765, 3C766, 3C767, 3C768, 3C769, 3C770, 3C771, 3C772, 3C773, 3C774, 3C775, 3C776, 3C777, 3C778, 3C779, 3C780, 3C781, 3C782, 3C783, 3C784, 3C785, 3C786, 3C787, 3C788, 3C789, 3C790, 3C791, 3C792, 3C793, 3C794, 3C795, 3C796, 3C797, 3C798, 3C799, 3C800, 3C801, 3C802, 3C803, 3C804, 3C805, 3C806, 3C807, 3C808, 3C809, 3C810, 3C811, 3C812, 3C813, 3C814, 3C815, 3C816, 3C817, 3C818, 3C819, 3C820, 3C821, 3C822, 3C823, 3C824, 3C825, 3C826, 3C827, 3C828, 3C829, 3C830, 3C831, 3C832, 3C833, 3C834, 3C835, 3C836, 3C837, 3C838, 3C839, 3C840, 3C841, 3C842, 3C843, 3C844, 3C845, 3C846, 3C847, 3C848, 3C849, 3C850, 3C851, 3C852, 3C853, 3C854, 3C855, 3C856, 3C857, 3C858, 3C859, 3C860, 3C861, 3C862, 3C863, 3C864, 3C865, 3C866, 3C867, 3C868, 3C869, 3C870, 3C871, 3C872, 3C873, 3C874, 3C875, 3C876, 3C877, 3C878, 3C879, 3C880, 3C881, 3C882, 3C883, 3C884, 3C885, 3C886, 3C887, 3C888, 3C889, 3C890, 3C891, 3C892, 3C893, 3C894, 3C895, 3C896, 3C897, 3C898, 3C899, 3C900, 3C901, 3C902, 3C903, 3C904, 3C905, 3C906, 3C907, 3C908, 3C909, 3C910, 3C911, 3C912, 3C913, 3C914, 3C915, 3C916, 3C917, 3C918, 3C919, 3C920, 3C921, 3C922, 3C923, 3C924, 3C925, 3C926, 3C927, 3C928, 3C929, 3C930, 3C931, 3C932, 3C933, 3C934, 3C935, 3C936, 3C937, 3C938, 3C939, 3C940, 3C941, 3C942, 3C943, 3C944, 3C945, 3C946, 3C947, 3C948, 3C949, 3C950, 3C951, 3C952, 3C953, 3C954, 3C955, 3C956, 3C957, 3C958, 3C959, 3C960, 3C961, 3C962, 3C963, 3C964, 3C965, 3C966, 3C967, 3C968, 3C969, 3C970, 3C971, 3C972, 3C973, 3C974, 3C975, 3C976, 3C977, 3C978, 3C979, 3C980, 3C981, 3C982, 3C983, 3C984, 3C985, 3C986, 3C987, 3C988, 3C989, 3C990, 3C991, 3C992, 3C993, 3C994, 3C995, 3C996, 3C997, 3C998, 3C999, 4000+001, 4000+002, 4000+003, 4000+004, 4000+005, 4000+006, 4000+007, 4000+008, 4000+009, 4000+010, 4000+011, 4000+012, 4000+013, 4000+014, 4000+015, 4000+016, 4000+017, 4000+018, 4000+019, 4000+020, 4000+021, 4000+022, 4000+023, 4000+024, 4000+025, 4000+026, 4000+027, 4000+028, 4000+029, 4000+030, 4000+031, 4000+032, 4000+033, 4000+034, 4000+035, 4000+036, 4000+037, 4000+038, 4000+039, 4000+040, 4000+041, 4000+042, 4000+043, 4000+044, 4000+045, 4000+046, 4000+047, 4000+048, 4000+049, 4000+050, 4000+051, 4000+052, 4000+053, 4000+054, 4000+055, 4000+056, 4000+057, 4000+058, 4000+059, 4000+060, 4000+061, 4000+062, 4000+063, 4000+064, 4000+065, 4000+066, 4000+067, 4000+068, 4000+069, 4000+070, 4000+071, 4000+072, 4000+073, 4000+074, 4000+075, 4000+076, 4000+077, 4000+078, 4000+079, 4000+080, 4000+081, 4000+082, 4000+083, 4000+084, 4000+085, 4000+086, 4000+087, 4000+088, 4000+089, 4000+090, 4000+091, 4000+092, 4000+093, 4000+094, 4000+095, 4000+096, 4000+097, 4000+098, 4000+099, 4000+100, 4000+101, 4000+102, 4000+103, 4000+104, 4000+105, 4000+106, 4000+107, 4000+108, 4000+109, 4000+110, 4000+111, 4000+112, 4000+113, 4000+114, 4000+115, 4000+116, 4000+117, 4000+118, 4000+119, 4000+120, 4000+121, 4000+122, 4000+123, 4000+124, 4000+125, 4000+126, 4000+127, 4000+128, 4000+129, 4000+130, 4000+131, 4000+132, 4000+133, 4000+134, 4000+135, 4000+136, 4000+137, 4000+138, 4000+139, 4000+140, 4000+141, 4000+142, 4000+143, 4000+144, 4000+145, 4000+146, 4000+147, 4000+148, 4000+149, 4000+150, 4000+151, 4000+152, 4000+153, 4000+154, 4000+155, 4000+156, 4000+157, 4000+158, 4000+159, 4000+160, 4000+161, 4000+162, 4000+163, 4000+164, 4000+165, 4000+166, 4000+167, 4000+168, 4000+169, 4000+170, 4000+171, 4000+172, 4000+173, 4000+174, 4000+175, 4000+176, 4000+177, 4000+178, 4000+179, 4000+180, 4000+181, 4