Table 1: Observational circumstances: Exp is the number of exposures, R and Δ are the heliocentric and geocentric distances, respectively, α it the solar phase, m_v is the visual magnitude, and D is the diameter ((*) IRAS diameter)

Asteroid	UT Date dd/mm/yy	Exp.	R(AU)	Δ (AU)	α	m_v	D (km)	Analog
24 Themis	16,20/03/97	03	2.708	1.975	16.7	11.6	181.66	HD44594
62 Erato	07,13/07/97	03	3.291	2.277	1.5	13.3	95.39*	HD44585
90 Antiope	05,06/03/98	03	3.484	2.500	2.5	13.2	120.07*	HD44595
171 Ophelia	07,09/07/97	02	3.479	3.427	16.9	14.6	116.69*	HD44585
	24,30/12/97	03	3.352	3.053	16.8	14.2		HD44594
268 Adorea	09,15/07/97	04	3.341	2.601	13.6	13.8	139.89*	HD44585
316 Goberta	08/07/97	02	3.641	2.757	9.1	15.4	47.92*	HD44585
431 Nephele	09/01/97	02	2.814	2.716	20.4	14.1	95.03*	HD44594
461 Saskia	13/07/97	01	3.577	2.627	6.8	15.8	37.95	HD44585
468 Lina	17/03/97	02	3.694	2.759	6.2	15.4	69.34*	HD44594
526 Jena	07,08,09/03/98	03	2.869	2.119	15.1	14.9	41.49*	HD44595
621 Werlandi	04/07/97	02	3.477	2.736	12.9	16.1	27.15*	HD44585
637 Chrysothemis	16/03/97	02	2.713	1.720	1.4	14.5	29.87	HD44594
846 Lipperta	08/07/97	02	3.596	2.943	13.8	16.2	52.42*	HD44585
848 Inna	06,13/07/97	03	2.572	1.823	18.3	15.2	31.28	HD44585
954 Li	09/01/97	01	3.597	3.008	13.7	15.9	58.03*	HD44594
1003 Lilofee	09/01/97	01	2.845	2.652	20.2	15.6	43.18	HD44594
1171 Rusthawelia	07,13/07/97	03	2.896	2.327	18.7	15.0	70.13*	HD44585
1229 Tilia	08/03/98	01	3.712	2.720	0.5	16.2	27.65*	HD44595
1340 Yvette	06,07/03/98	03	2.843	1.851	0.9	14.8	25.87*	HD44595
1487 Boda	15/07/97	02	3.096	2.080	0.9	14.8	29.16*	HD44585
1539 Borrelly	04/01/98	01	3.214	2.462	12.9	15.8	35.91	HD44594
1576 Fabiola	07,14/07/97	03	3.225	2.251	6.2	15.8	27.25*	HD44585
1615 Bardwell	04,14/07/97	02	2.934	2.204	16.0	16.3	27.78*	HD44585
1691 Oort	26/12/97	01	3.045	2.310	14.2	16.0	30.57	HD44594
	03/01/98	01						HD44594
2296 Kugultinov	06,07/03/98	03	2.697	1.722	4.8	15.0	26.02	HD44595
2489 Suvorov	06,14/07/97	03	2.617	1.669	10.1	15.8	18.85	HD44585
2519 Annagerman	09/07/97	01	2.613	2.026	20.8	15.9	26.02	HD44585
2524 Budovicium	06,13/07/97	04	2.635	1.618	0.4	14.1	31.39*	HD44585
2525 O'Steen	06,13/07/97	03	2.759	1.901	13.7	14.9	37.61	HD44585
3128 Obruchev	06,14/07/97	02	2.675	2.098	20.4	16.3	23.73	HD44585
3274 Maillen	04/07/97	01	2.811	1.938	12.8	16.5	18.00	HD44585
3507 Vilas	06,14/07/97	03	2.756	2.160	19.4	16.2	26.02	HD44585
3615 Safronov	04,14/07/97	03	2.824	2.527	21.0	16.5	28.53	HD44585
3663 Tisserand	04,13/07/97	02	2.718	1.767	9.5	16.5	15.68	HD44585
3832 Shapiro	04,13/07/97	02	3.033	2.057	6.5	17.0	15.68	HD44585
4143 1981 QN_1	09,15/07/97	03	2.626	1.656	8.3	16.3	18.00	HD44585