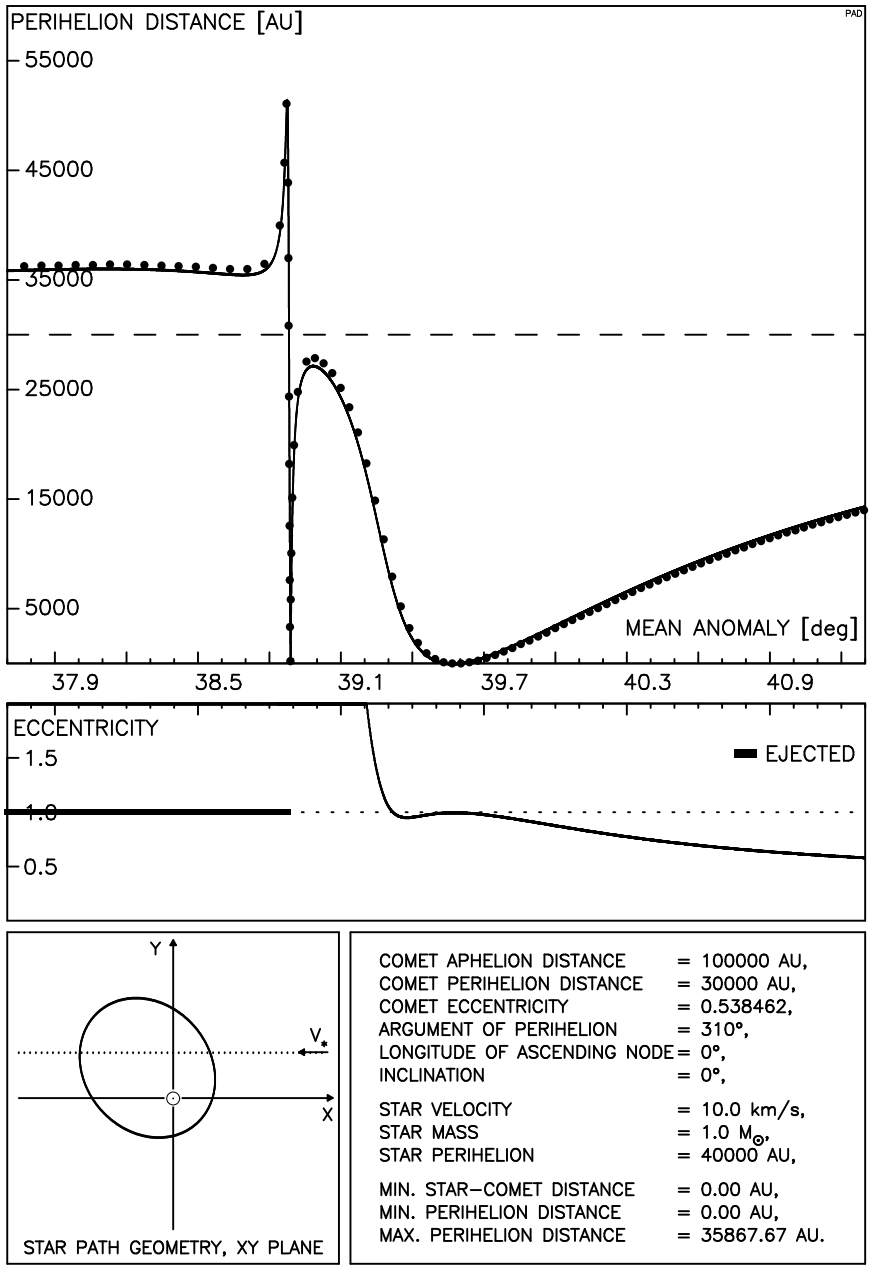
PERIHELION DISTANCE [AU]
PAD
55000
45000
35000
25000
15000
5000
MEAN ANOMALY [deg]
37.9
38.5
39.1
39.7
40.3
40.9
ECCENTRICITY
1.5
1.0
0.5
EJECTED
Y
X
V*
STAR PATH GEOMETRY, XY PLANE
COMET APHELION DISTANCE = 100000 AU,
COMET PERIHELION DISTANCE = 30000 AU,
COMET ECCENTRICITY = 0.538462,
ARGUMENT OF PERIHELION = 310°,
LONGITUDE OF ASCENDING NODE = 0°,
INCLINATION = 0°,
STAR VELOCITY = 10.0 km/s,
STAR MASS = 1.0 M⊙,
STAR PERIHELION = 40000 AU,
MIN. STAR–COMET DISTANCE = 0.00 AU,
MIN. PERIHELION DISTANCE = 0.00 AU,
MAX. PERIHELION DISTANCE = 35867.67 AU.