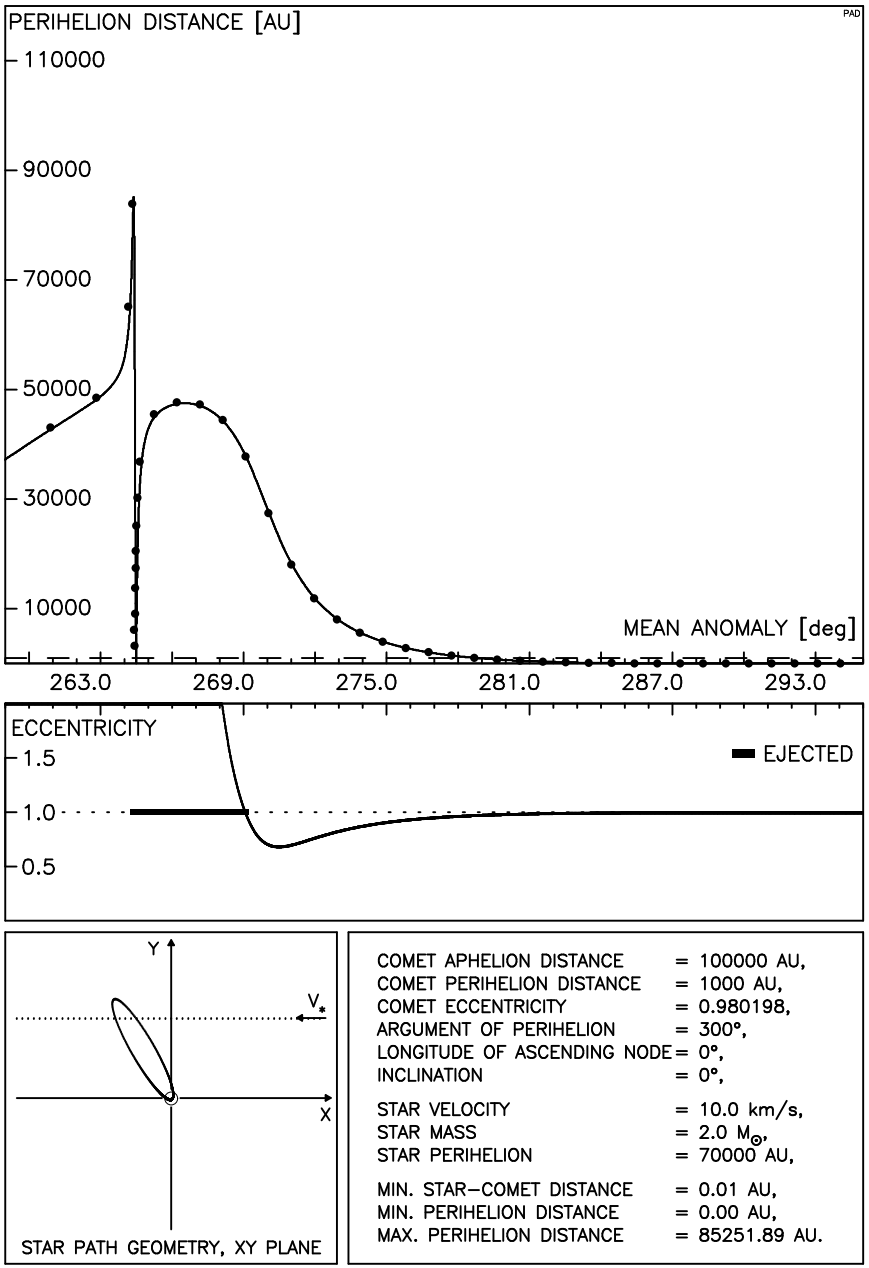
PERIHELION DISTANCE [AU]
PAD
110000
90000
70000
50000
30000
10000
MEAN ANOMALY [deg]
263.0
269.0
275.0
281.0
287.0
293.0
ECCENTRICITY
1.5
1.0
0.5
EJECTED
Y
V*
X
STAR PATH GEOMETRY, XY PLANE
COMET APHELION DISTANCE = 100000 AU,
COMET PERIHELION DISTANCE = 1000 AU,
COMET ECCENTRICITY = 0.980198,
ARGUMENT OF PERIHELION = 300°,
LONGITUDE OF ASCENDING NODE = 0°,
INCLINATION = 0°,
STAR VELOCITY = 10.0 km/s,
STAR MASS = 2.0 M⊙,
STAR PERIHELION = 70000 AU,
MIN. STAR–COMET DISTANCE = 0.01 AU,
MIN. PERIHELION DISTANCE = 0.00 AU,
MAX. PERIHELION DISTANCE = 85251.89 AU.