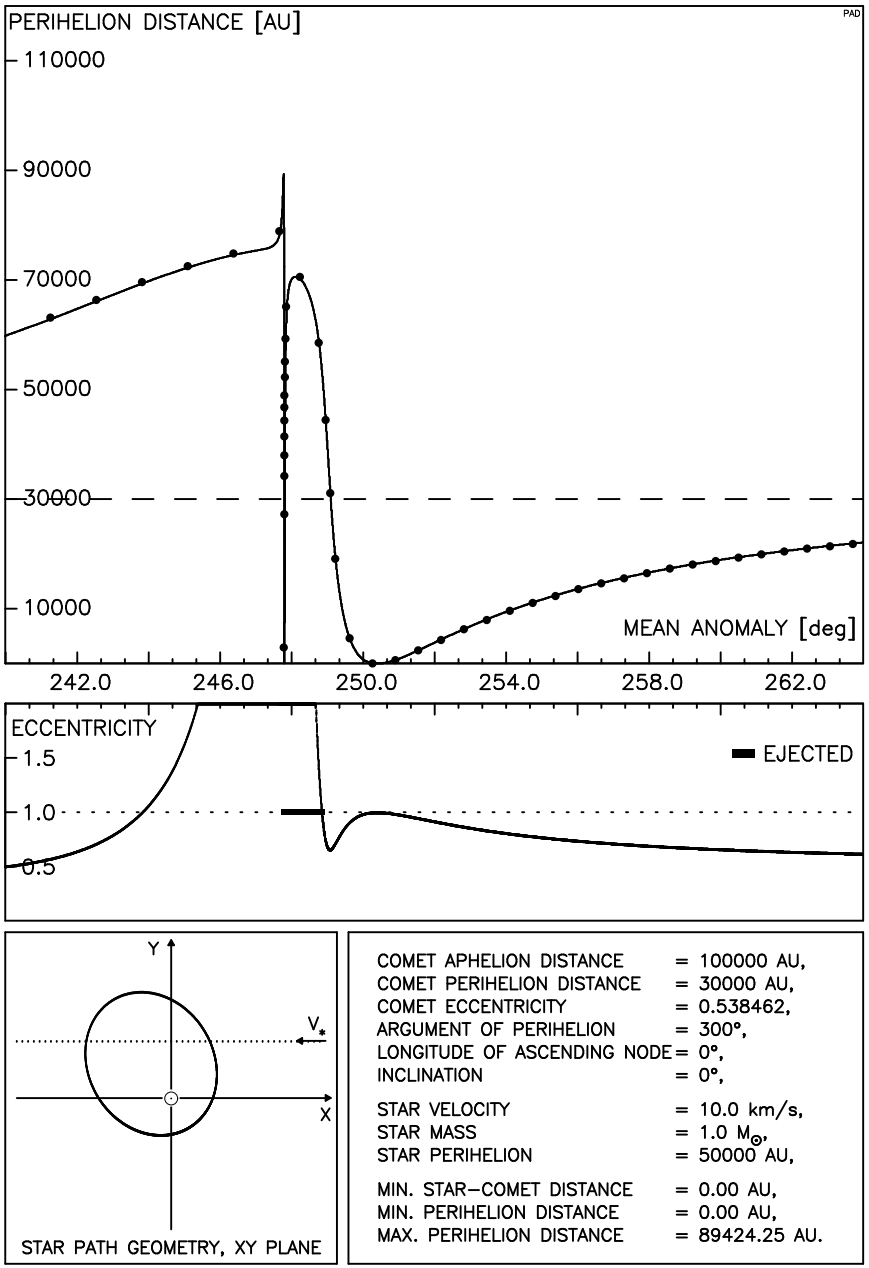
PERIHELION DISTANCE [AU]
PAD
110000
90000
70000
50000
30000
10000
MEAN ANOMALY [deg]
242.0
246.0
250.0
254.0
258.0
262.0
ECCENTRICITY
1.5
1.0
0.5
EJECTED
Y
X
V_*
STAR PATH GEOMETRY, XY PLANE
COMET APHELION DISTANCE = 100000 AU,
COMET PERIHELION DISTANCE = 30000 AU,
COMET ECCENTRICITY = 0.538462,
ARGUMENT OF PERIHELION = 300°,
LONGITUDE OF ASCENDING NODE = 0°,
INCLINATION = 0°,
STAR VELOCITY = 10.0 km/s,
STAR MASS = 1.0 $M_\odot$,
STAR PERIHELION = 50000 AU,
MIN. STAR–COMET DISTANCE = 0.00 AU,
MIN. PERIHELION DISTANCE = 0.00 AU,
MAX. PERIHELION DISTANCE = 89424.25 AU.