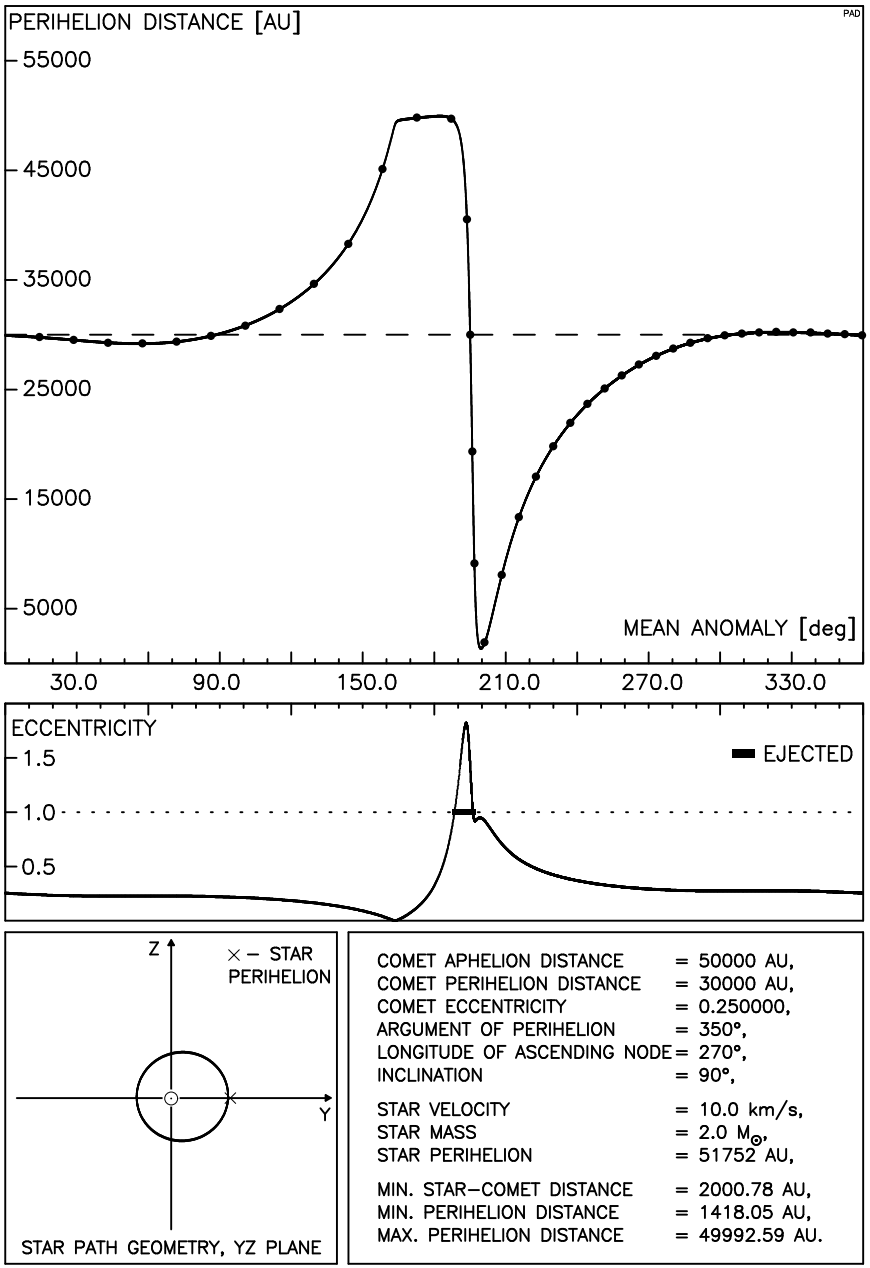
PERIHELION DISTANCE [AU]
PAD
55000
45000
35000
25000
15000
5000
MEAN ANOMALY [deg]
30.0
90.0
150.0
210.0
270.0
330.0
ECCENTRICITY
1.5
1.0
0.5
EJECTED
Z
× – STAR
PERIHELION
Y
STAR PATH GEOMETRY, YZ PLANE
COMET APHELION DISTANCE = 50000 AU,
COMET PERIHELION DISTANCE = 30000 AU,
COMET ECCENTRICITY = 0.250000,
ARGUMENT OF PERIHELION = 350°,
LONGITUDE OF ASCENDING NODE = 270°,
INCLINATION = 90°,
STAR VELOCITY = 10.0 km/s,
STAR MASS = 2.0 M⊙,
STAR PERIHELION = 51752 AU,
MIN. STAR–COMET DISTANCE = 2000.78 AU,
MIN. PERIHELION DISTANCE = 1418.05 AU,
MAX. PERIHELION DISTANCE = 49992.59 AU.