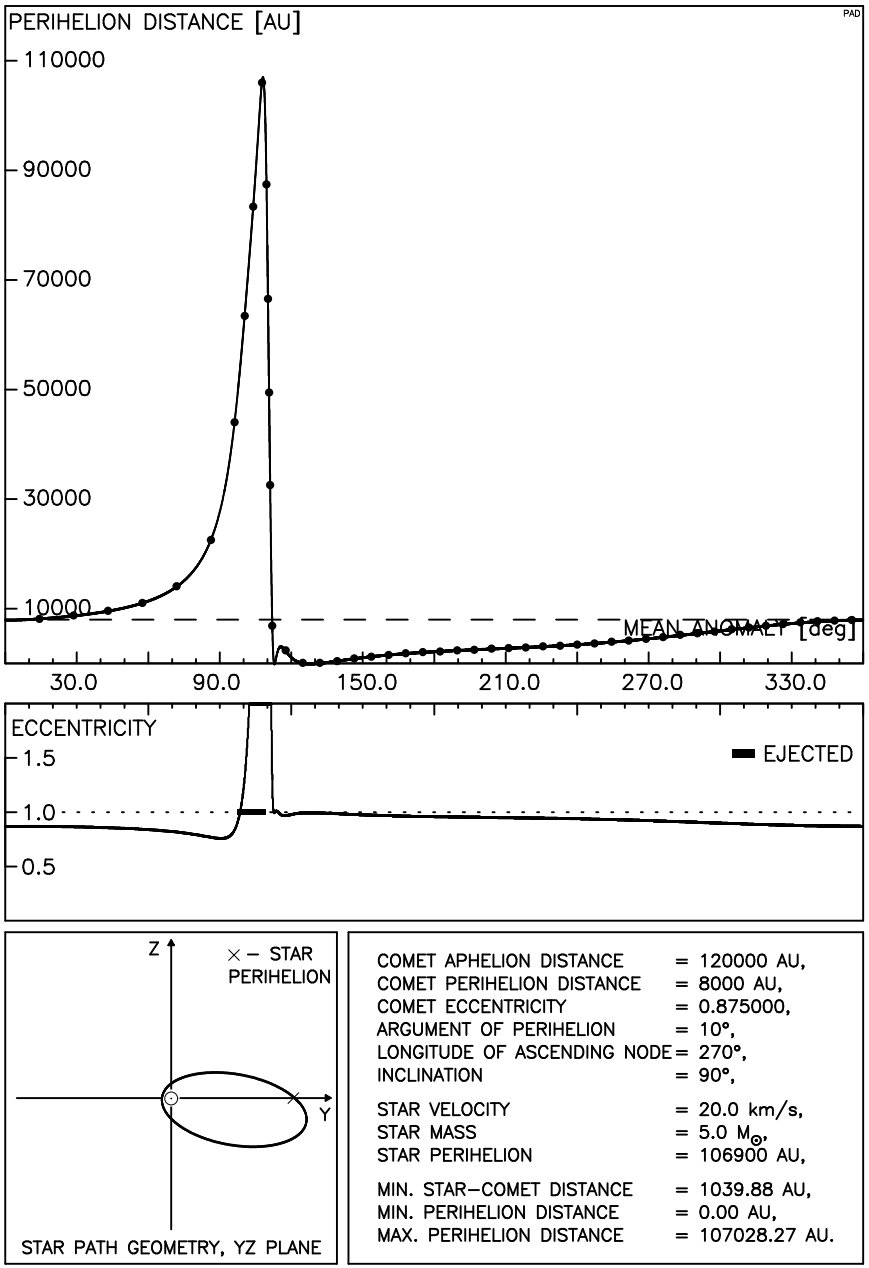
PERIHELION DISTANCE [AU]
PAD
110000
90000
70000
50000
30000
10000
MEAN ANOMALY [deg]
30.0
90.0
150.0
210.0
270.0
330.0
ECCENTRICITY
1.5
1.0
0.5
EJECTED
Z
× – STAR PERIHELION
Y
STAR PATH GEOMETRY, YZ PLANE
COMET APHELION DISTANCE = 120000 AU,
COMET PERIHELION DISTANCE = 8000 AU,
COMET ECCENTRICITY = 0.875000,
ARGUMENT OF PERIHELION = 10°,
LONGITUDE OF ASCENDING NODE = 270°,
INCLINATION = 90°,
STAR VELOCITY = 20.0 km/s,
STAR MASS = 5.0 M⊙,
STAR PERIHELION = 106900 AU,
MIN. STAR–COMET DISTANCE = 1039.88 AU,
MIN. PERIHELION DISTANCE = 0.00 AU,
MAX. PERIHELION DISTANCE = 107028.27 AU.