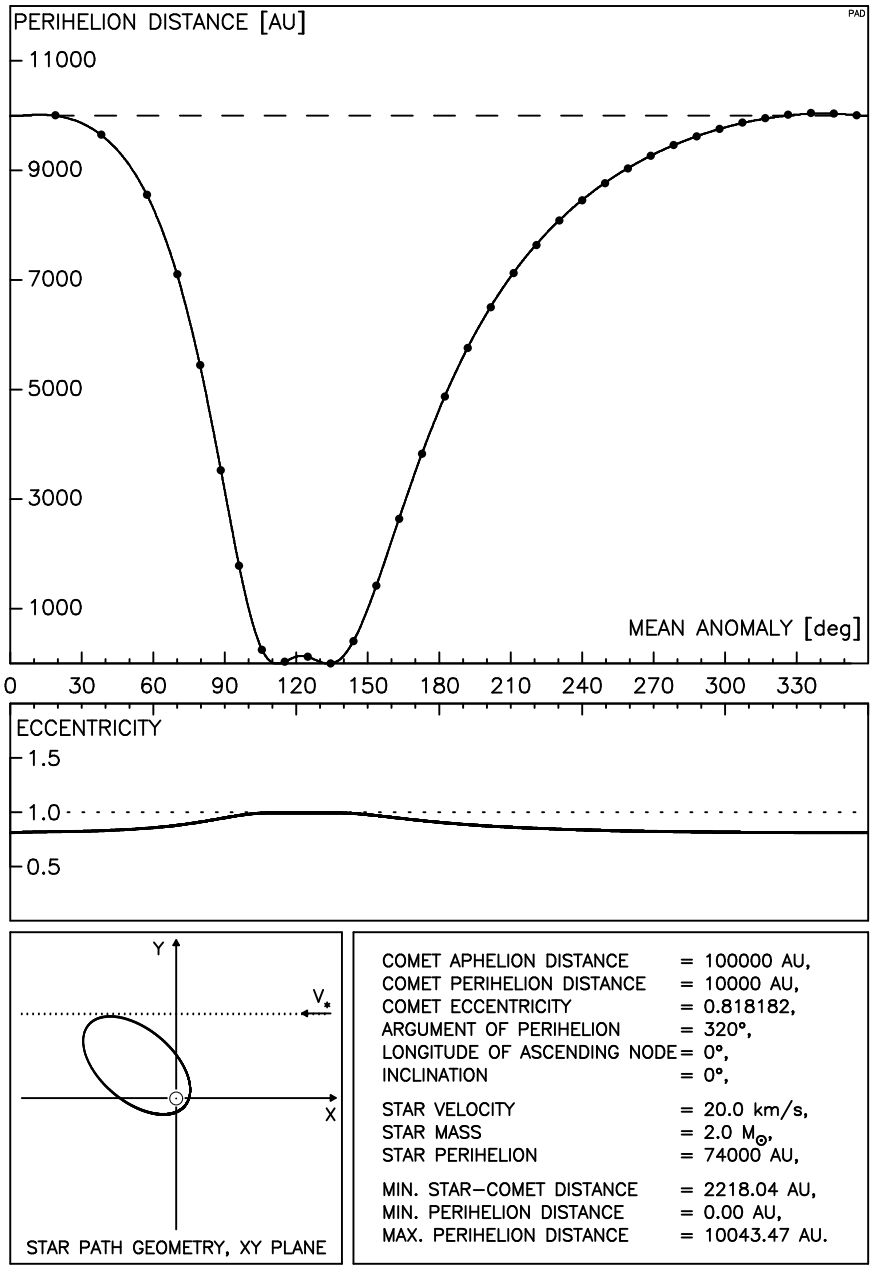
PERIHELION DISTANCE [AU]
PAD
11000
9000
7000
5000
3000
1000
MEAN ANOMALY [deg]
0
30
60
90
120
150
180
210
240
270
300
330
ECCENTRICITY
1.5
1.0
0.5
Y
X
V*
STAR PATH GEOMETRY, XY PLANE
COMET APHELION DISTANCE = 100000 AU,
COMET PERIHELION DISTANCE = 10000 AU,
COMET ECCENTRICITY = 0.818182,
ARGUMENT OF PERIHELION = 320°,
LONGITUDE OF ASCENDING NODE = 0°,
INCLINATION = 0°,
STAR VELOCITY = 20.0 km/s,
STAR MASS = 2.0 M⊙,
STAR PERIHELION = 74000 AU,
MIN. STAR–COMET DISTANCE = 2218.04 AU,
MIN. PERIHELION DISTANCE = 0.00 AU,
MAX. PERIHELION DISTANCE = 10043.47 AU.