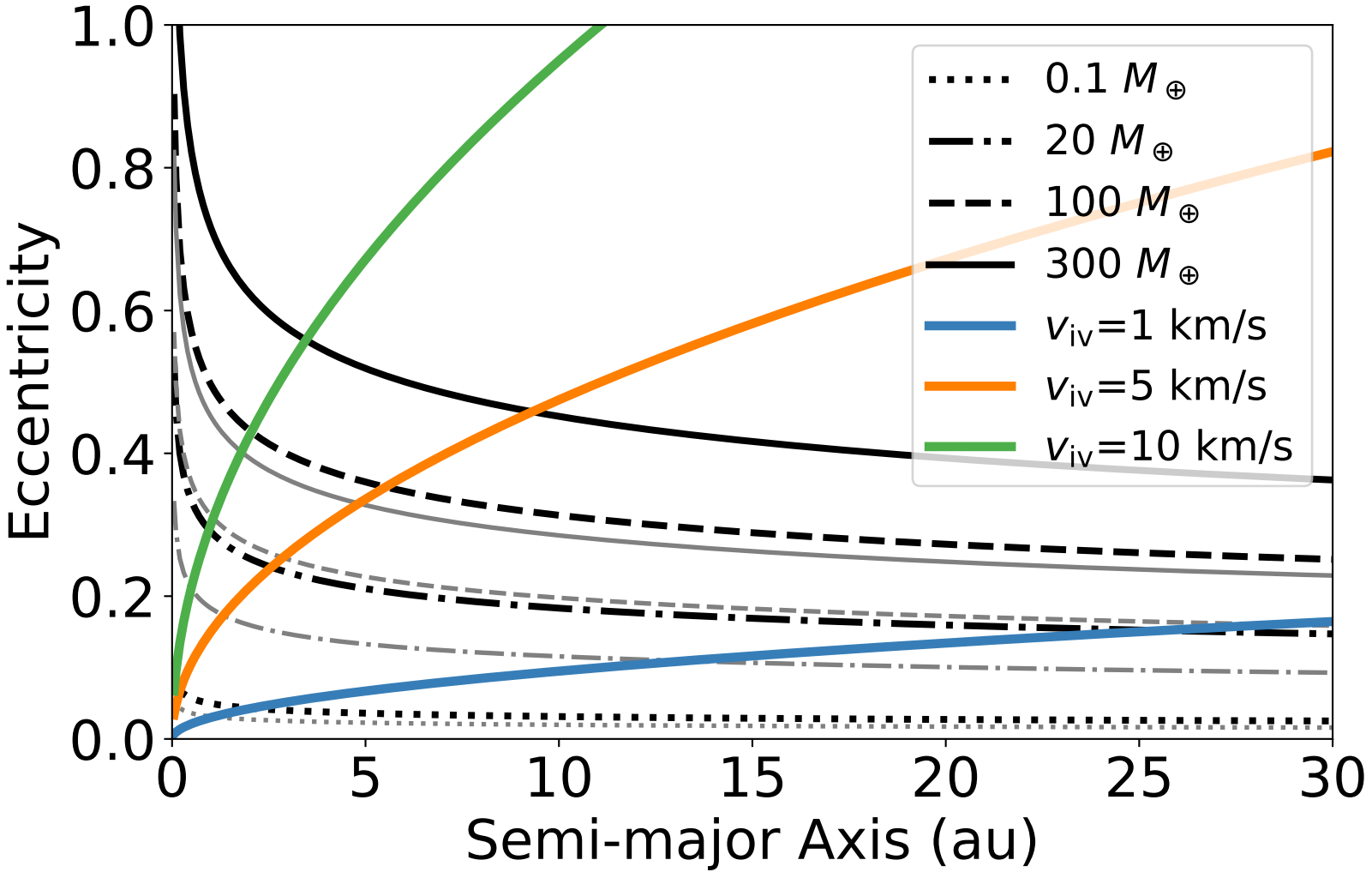
1.0
0.8
0.6
0.4
0.2
0.0
Eccentricity
0
5
10
15
20
25
30
Semi-major Axis (au)
0.1 $M_\oplus$
20 $M_\oplus$
100 $M_\oplus$
300 $M_\oplus$
$v_{\rm iv}$=1 km/s
$v_{\rm iv}$=5 km/s
$v_{\rm iv}$=10 km/s