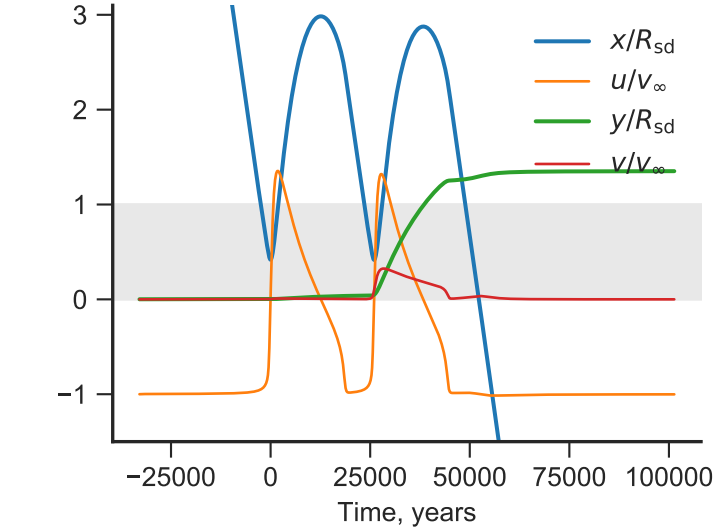
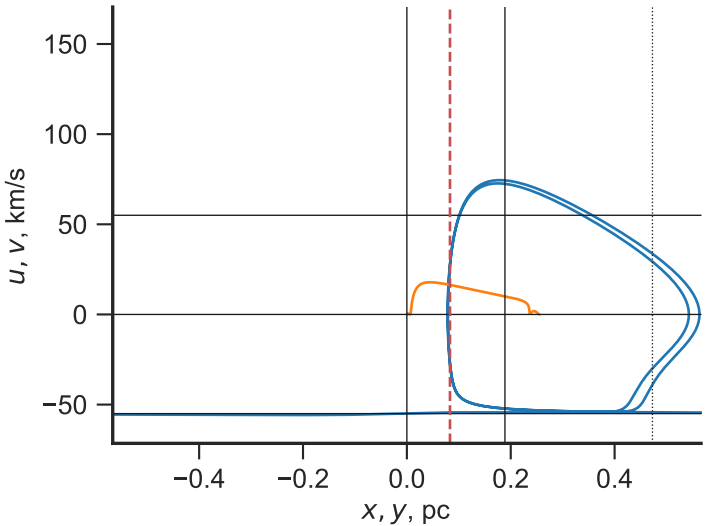

3
2
1
0
−1
−25000
0
25000
50000
75000
100000
Time, years
x/R_{sd}
u/v_∞
y/R_{sd}
v/v_∞


150
100
50
0
−50
u, v, km/s
−0.4
−0.2
0.0
0.2
0.4
x, y, pc