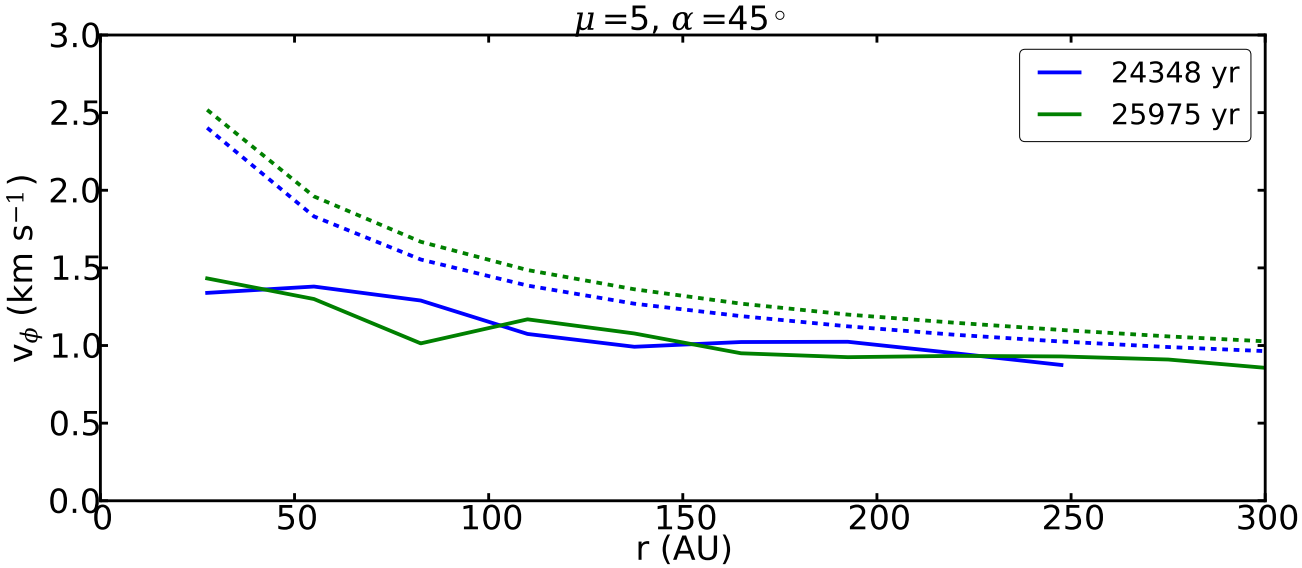
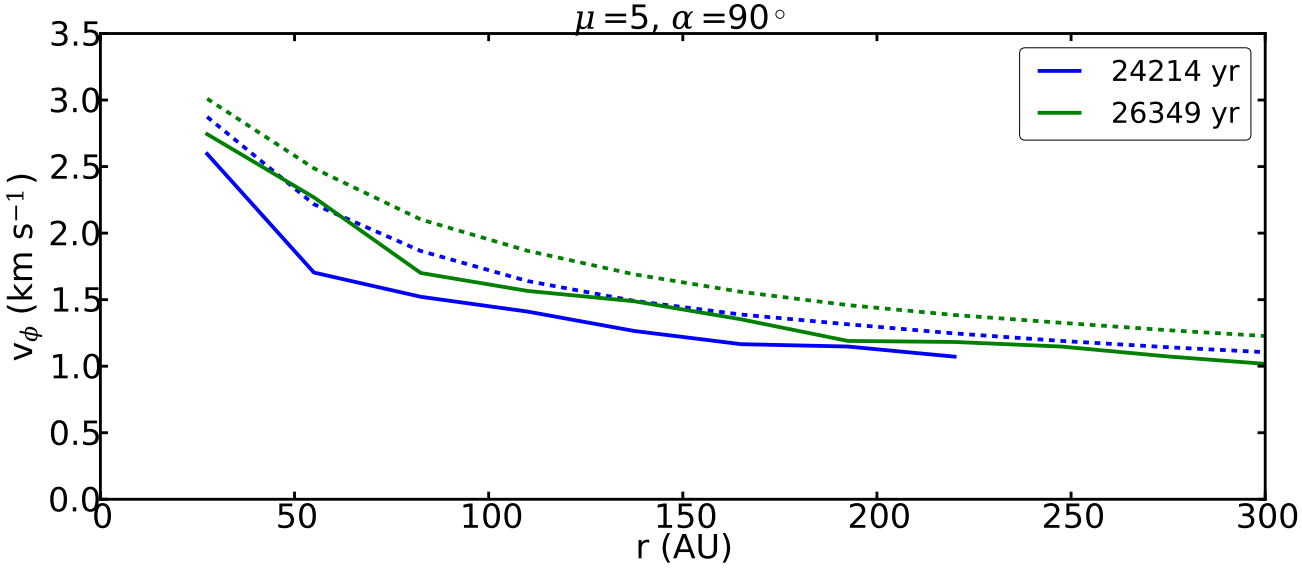
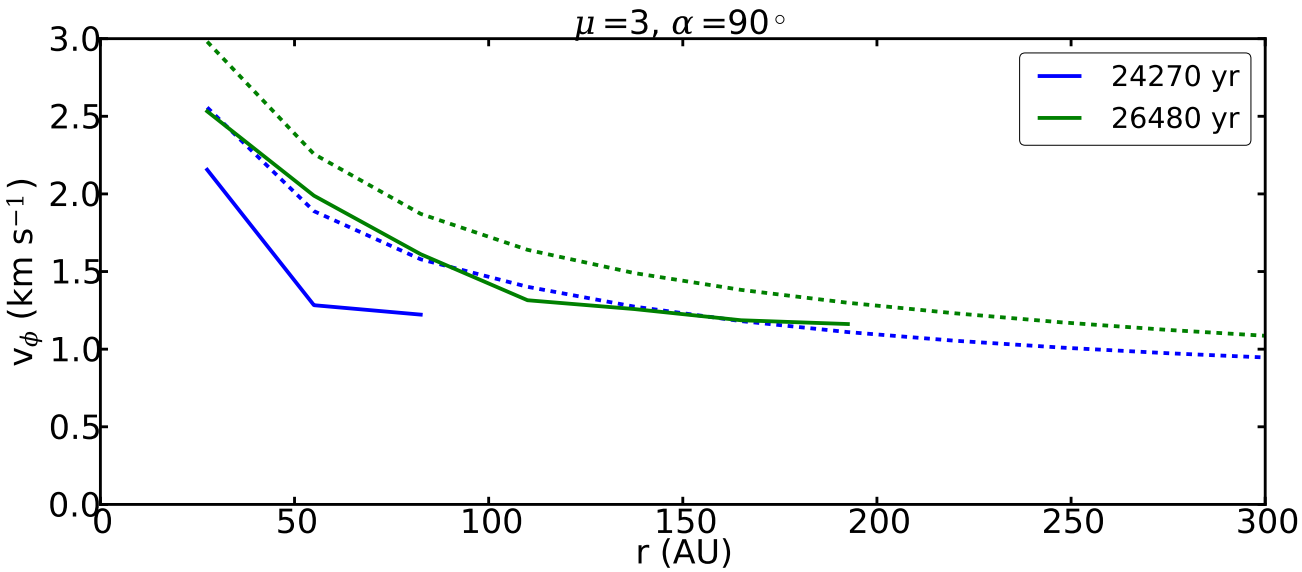

μ =5, α =45°
24348 yr
25975 yr
v_ϕ (km s^{-1})
r (AU)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0
50
100
150
200
250
300

(a)


μ =5, α =90°
24214 yr
26349 yr
v_ϕ (km s^{-1})
r (AU)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
0
50
100
150
200
250
300

(b)


μ =3, α =90°
24270 yr
26480 yr
v_ϕ (km s^{-1})
r (AU)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0
50
100
150
200
250
300

(c)