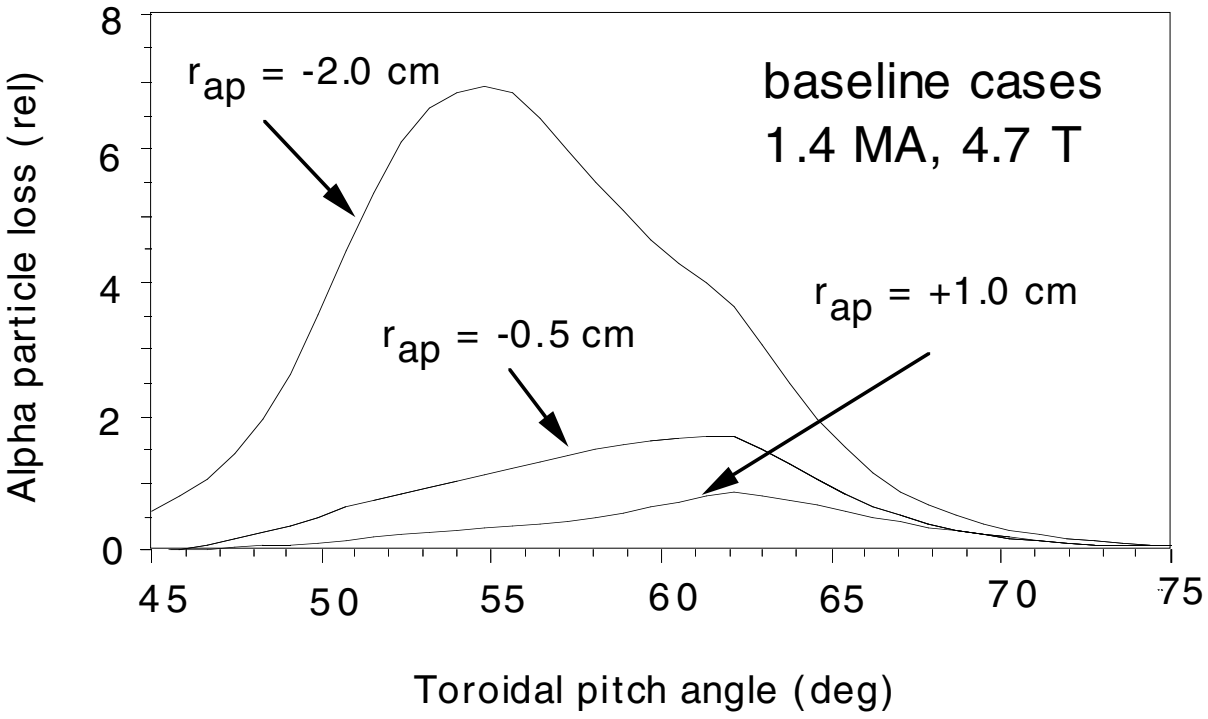
8
6
4
2
0
Alpha particle loss (rel)
$r_{ap}$ = -2.0 cm
baseline cases
1.4 MA, 4.7 T
$r_{ap}$ = +1.0 cm
$r_{ap}$ = -0.5 cm
45
50
55
60
65
70
75
Toroidal pitch angle (deg)

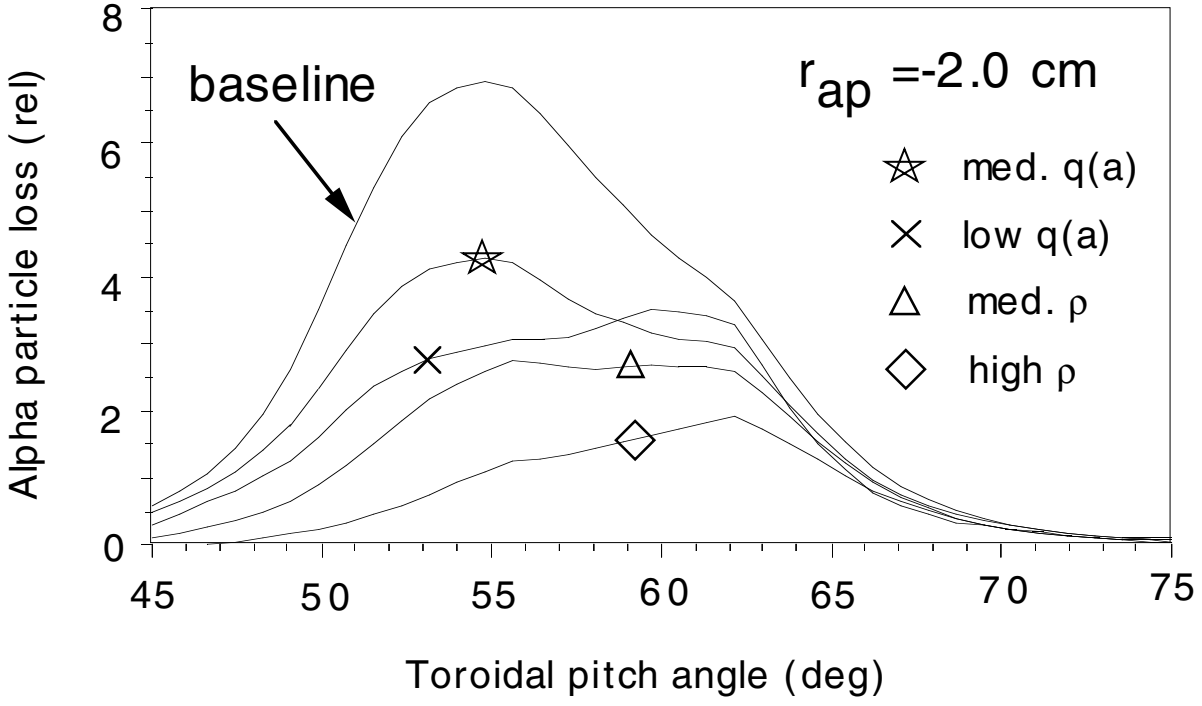
8
6
4
2
0
Alpha particle loss (rel)
baseline
$r_{ap}$ =-2.0 cm
med. q(a)
low q(a)
med. ρ
high ρ
45
50
55
60
65
70
75
Toroidal pitch angle (deg)

Figure 14