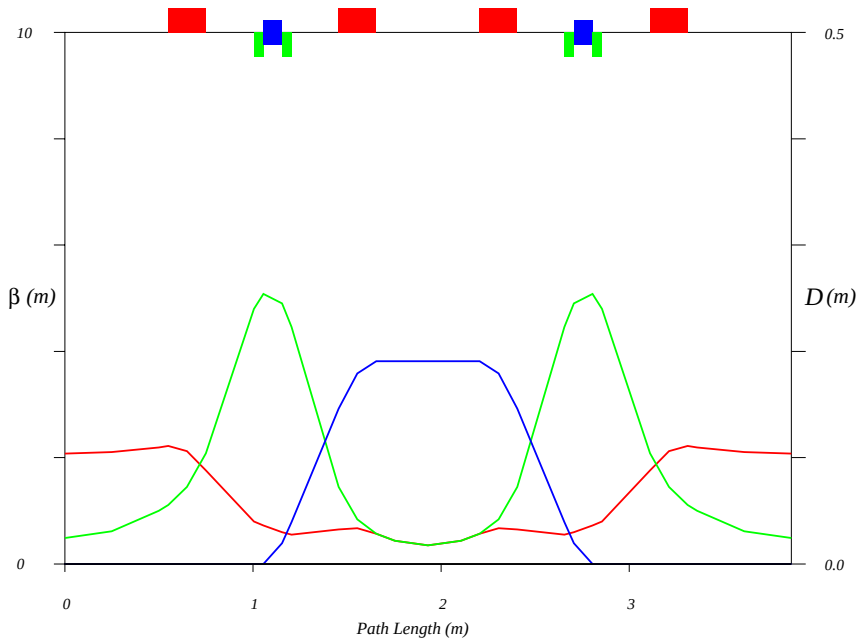
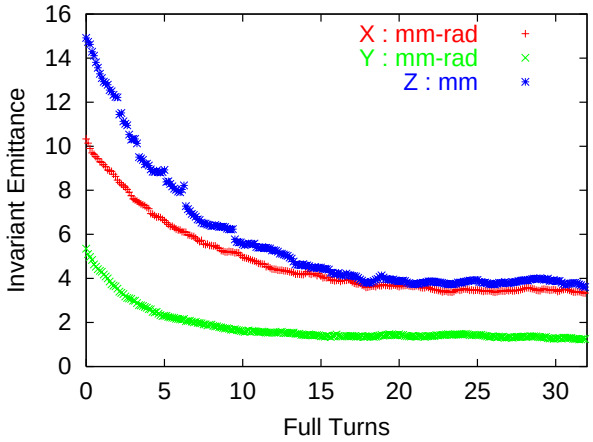
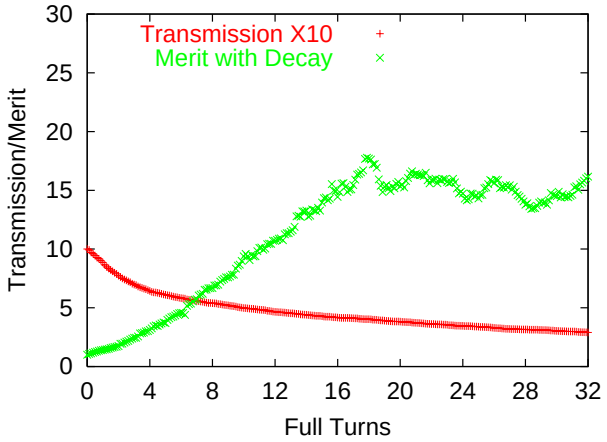
The Chasman-Green Compact Lattice

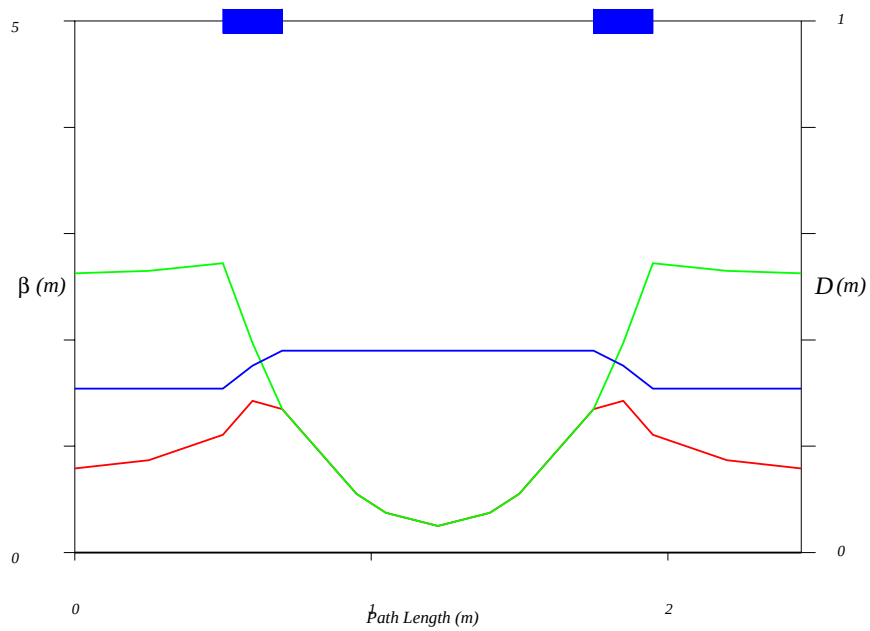


Performance: 250 MeV/c and 20° Wedges





Key Results–Dipole only lattice



$p_0 = 500$ MeV/c

90° Bending Cells

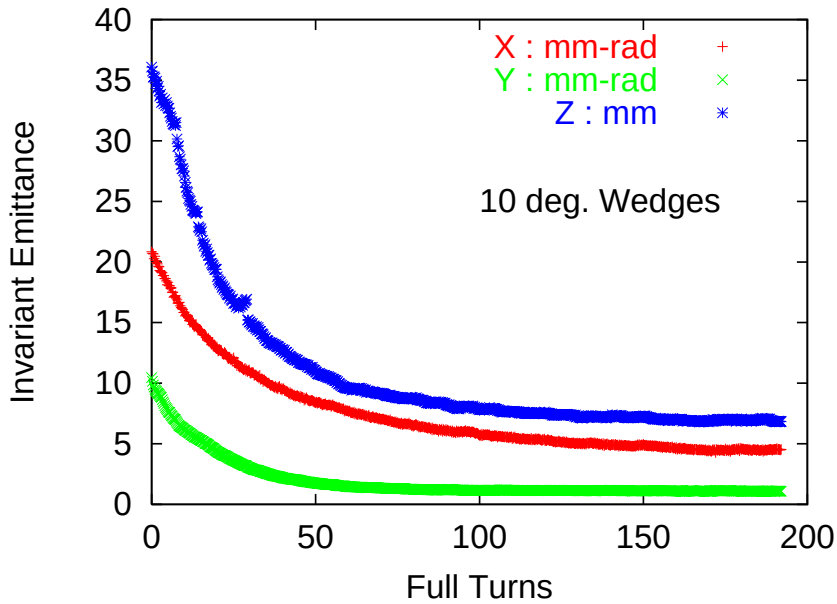
Compact Cell–2.4m

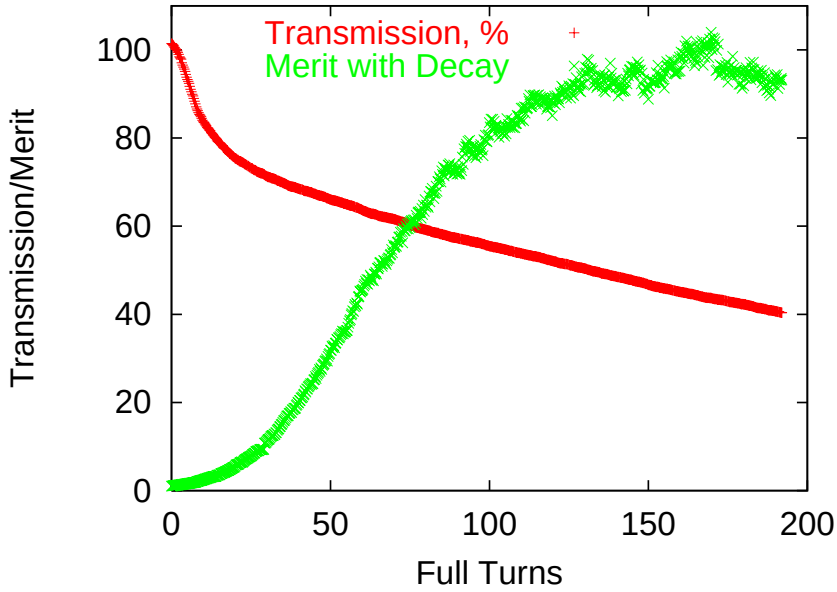
$\beta_{x_{max}} = 1.4$m $\rightarrow$ Large X admittance

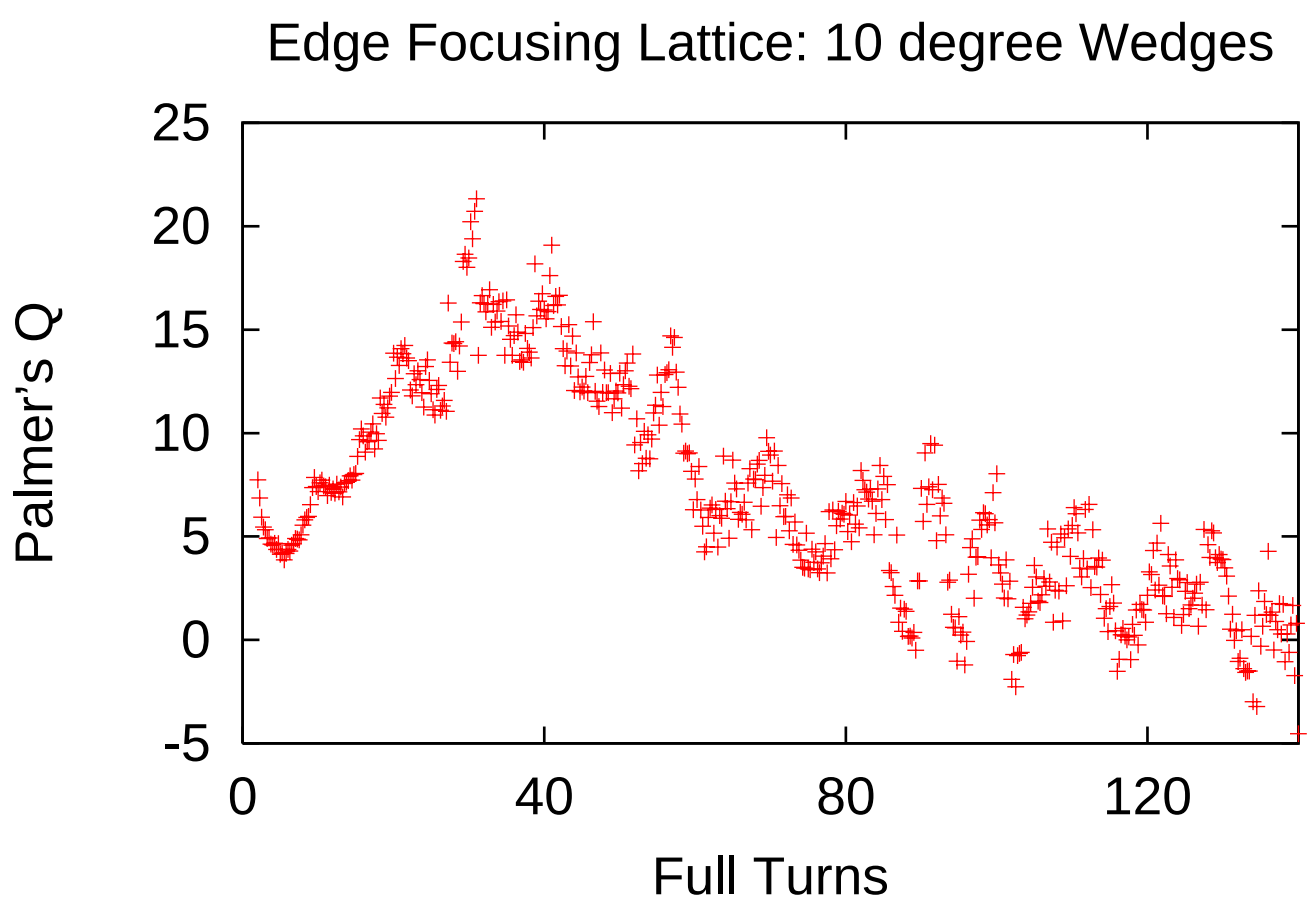
ICOOL V2.45

Edge Focusing Lattice: 10° Wedges

Performance at 500 MeV/c






Edge Focusing Lattice: 10 degree Wedges
Palmer's Q
25
20
15
10
5
0
-5
0
40
80
120
Full Turns