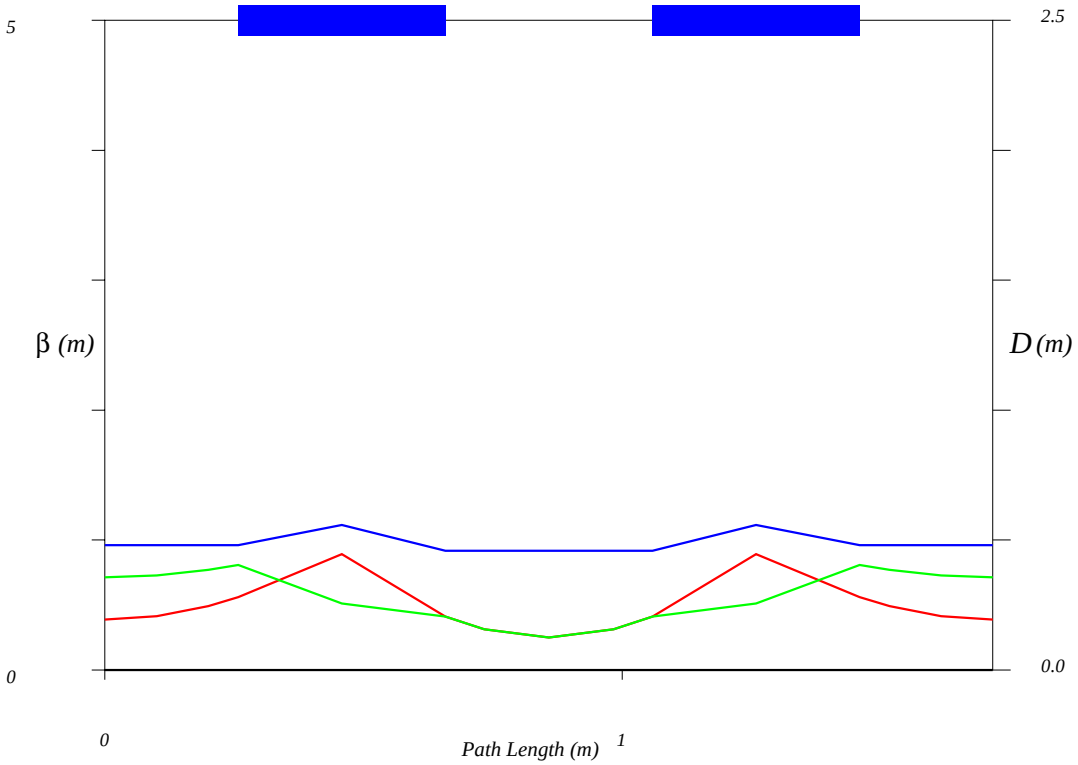
A compact 2 cell dipole-only lattice



90° Dipoles

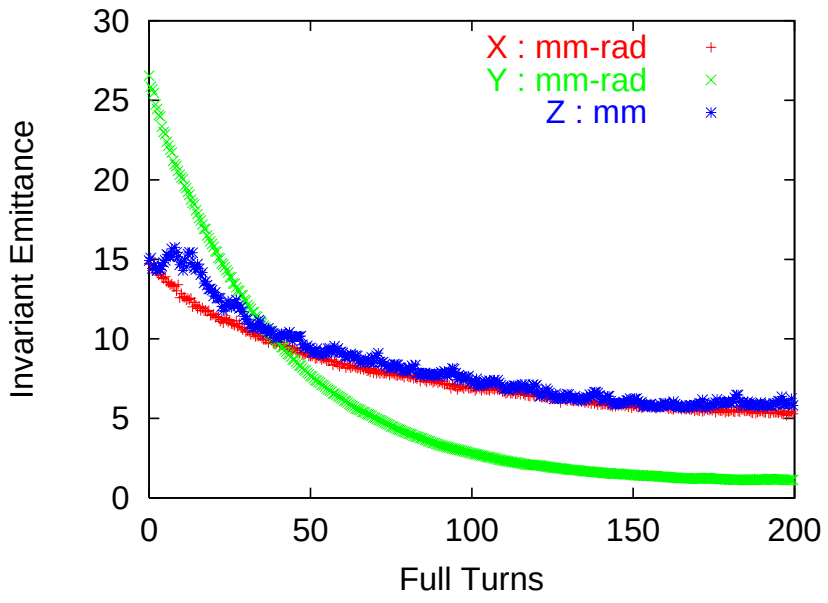
Compact Ring–3.4m Circumference

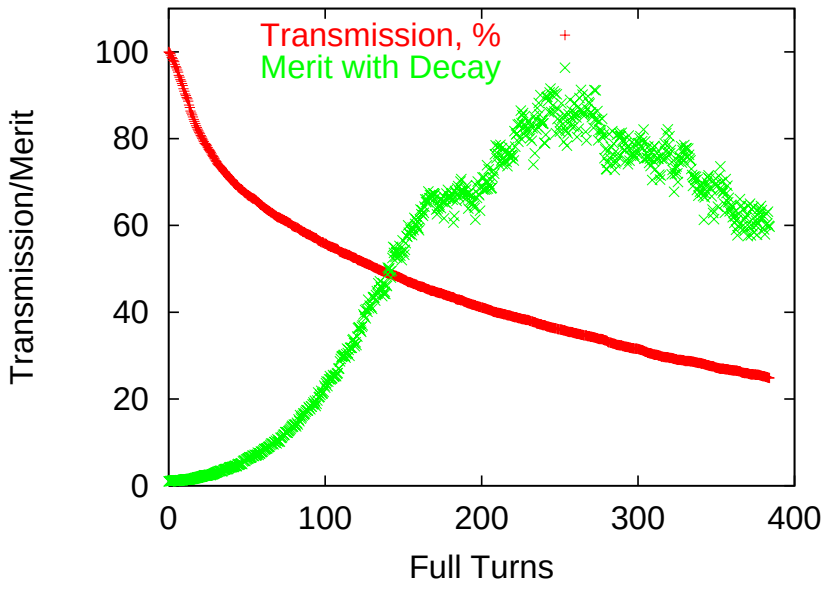
$\beta_{x_{max}} = 80\text{cm}$; $\beta_{y_{max}} = 90\text{cm}$

$\beta_{x_{max}} = \beta_{y_{max}} = 25\text{cm}$

2 Cell Dipole-only Lattice: 4° Wedges

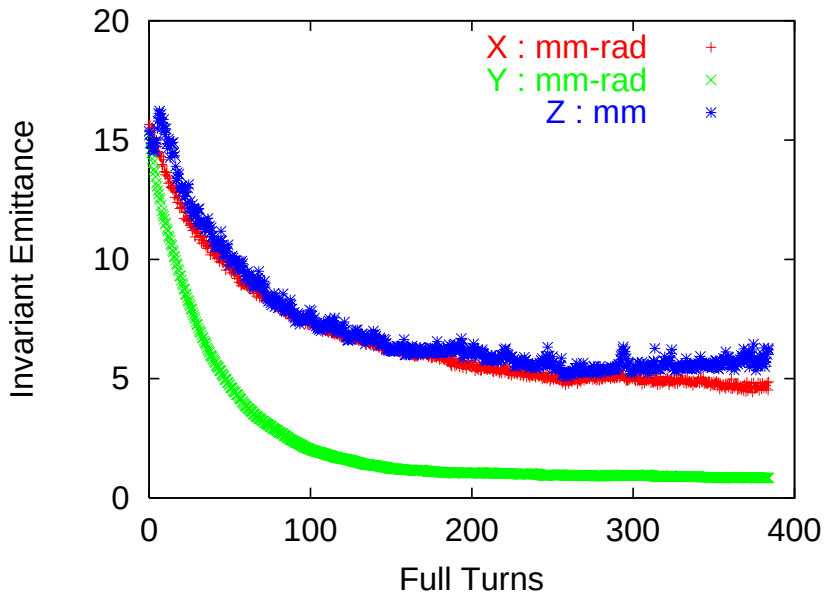
250 MeV/c ; Half aperture 21cm

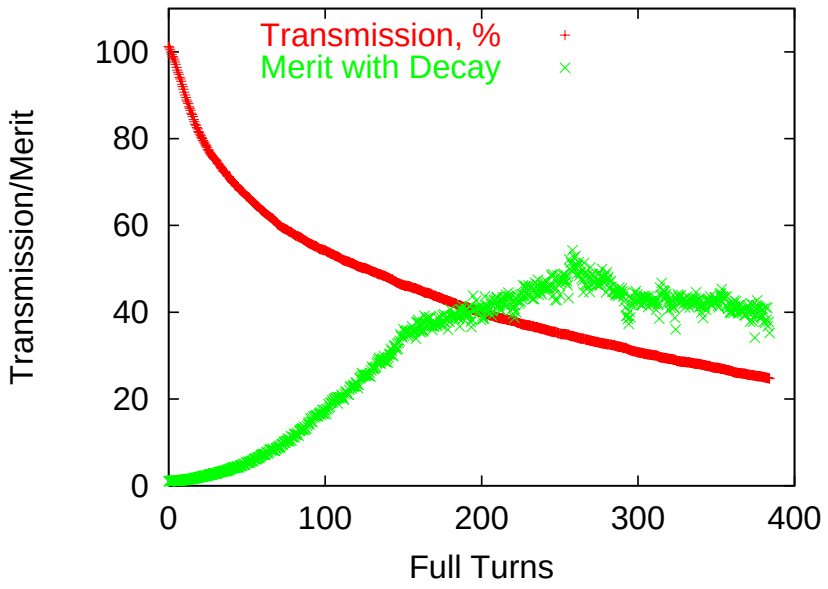




2 Cell Dipole-only Lattice: 4° Wedges

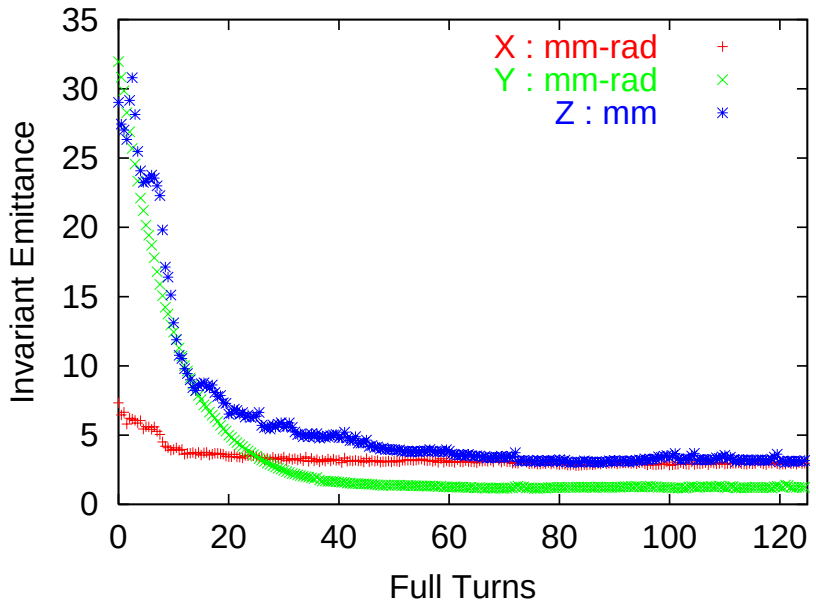
250 MeV/c ; Half-aperture 15 cm

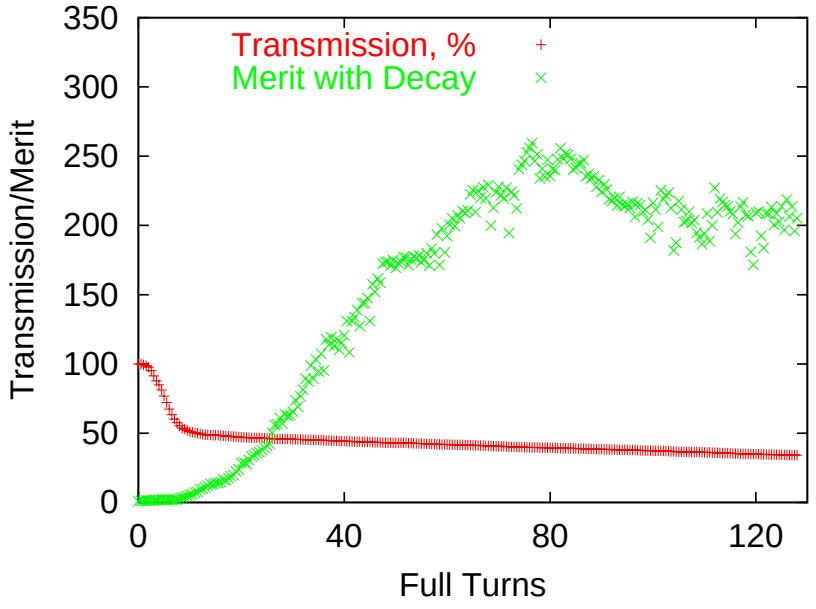




2 Cell Dipole-only Lattice: 100 atmos. H_2 Gas

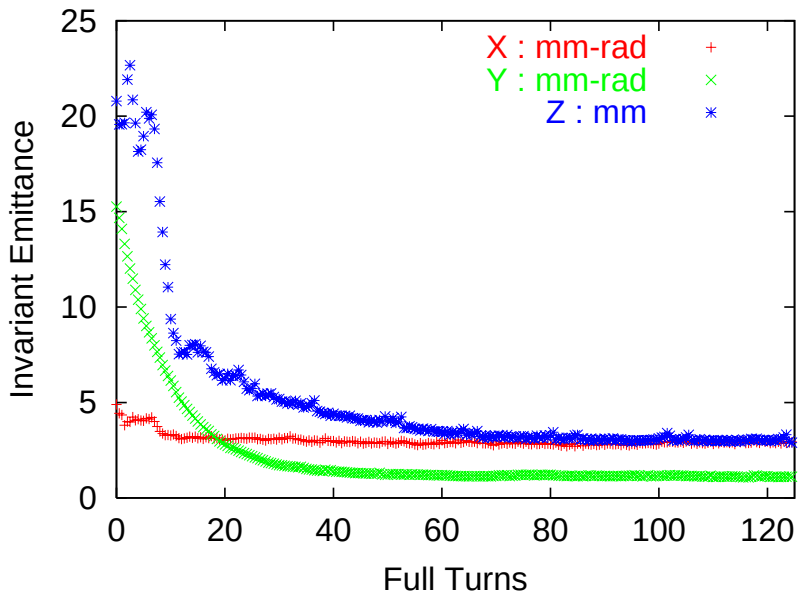
250 MeV/c ; Half-aperture 21 cm

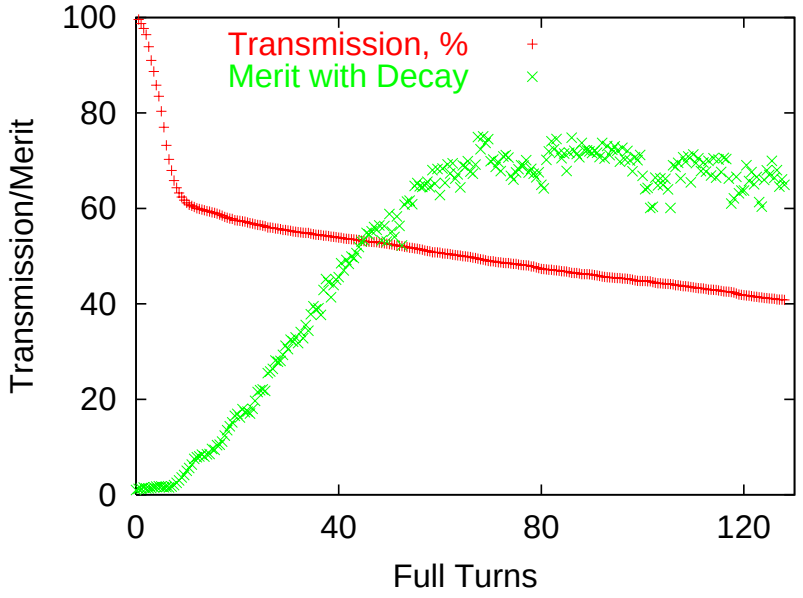




2 Cell Dipole-only Lattice: 100 atmos. H_2 Gas

250 MeV/c ; Half-aperture 15 cm

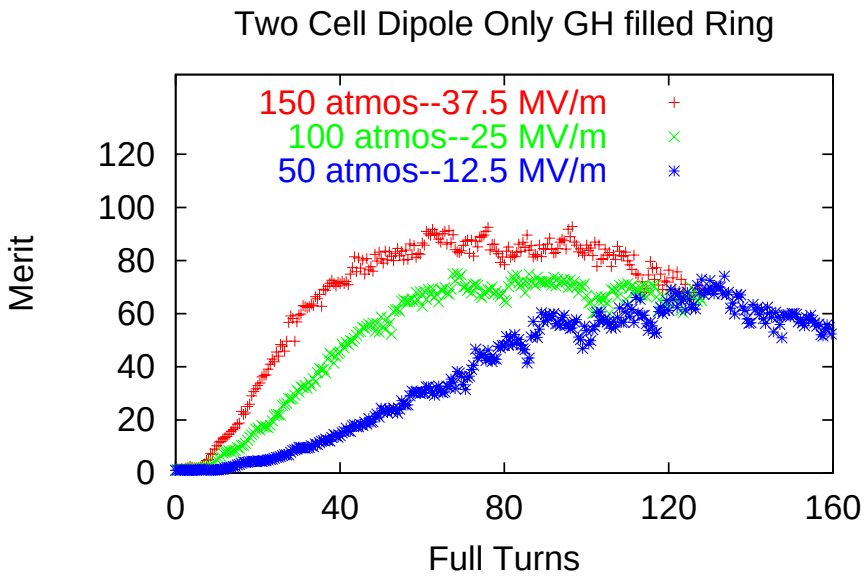
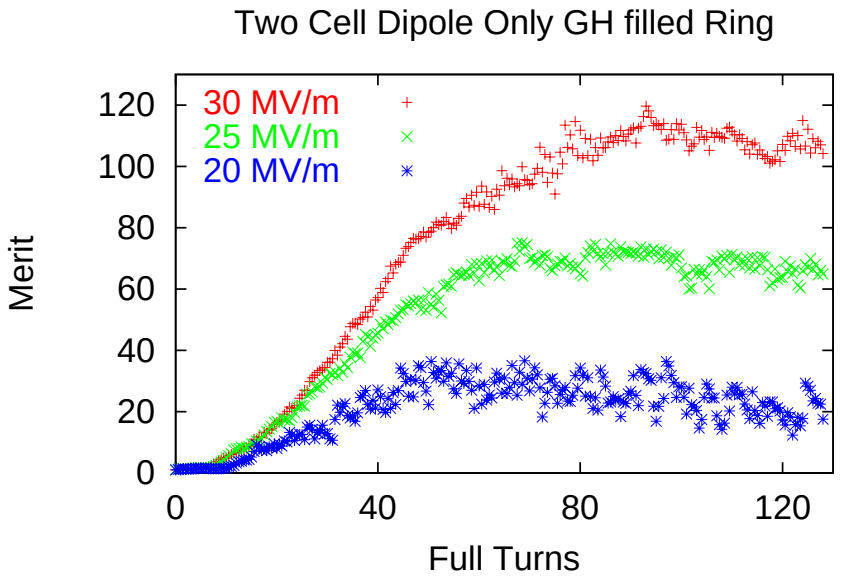




2 Cell Dipole-only Lattice with H_2 Gas

250 MeV/c ; Half-aperture 15 cm

Vary H_2 pressure and peak rf gradient



Vary rf peak gradient - 100 atmos.