

***** Summary for 'm4 Standard Lattice' *****

Energy: ### 3.00000 [GeV]

Circumference: ## 528.00000 [m]

Full tunes H/V ## 42.19999 16.28000

Momentum Compaction Factor: # 3.05978e-04

Chromaticity H: ##+1.02449

Chromaticity V: ##+0.99132

Radiation Loss: ## 363.80402 [keV]

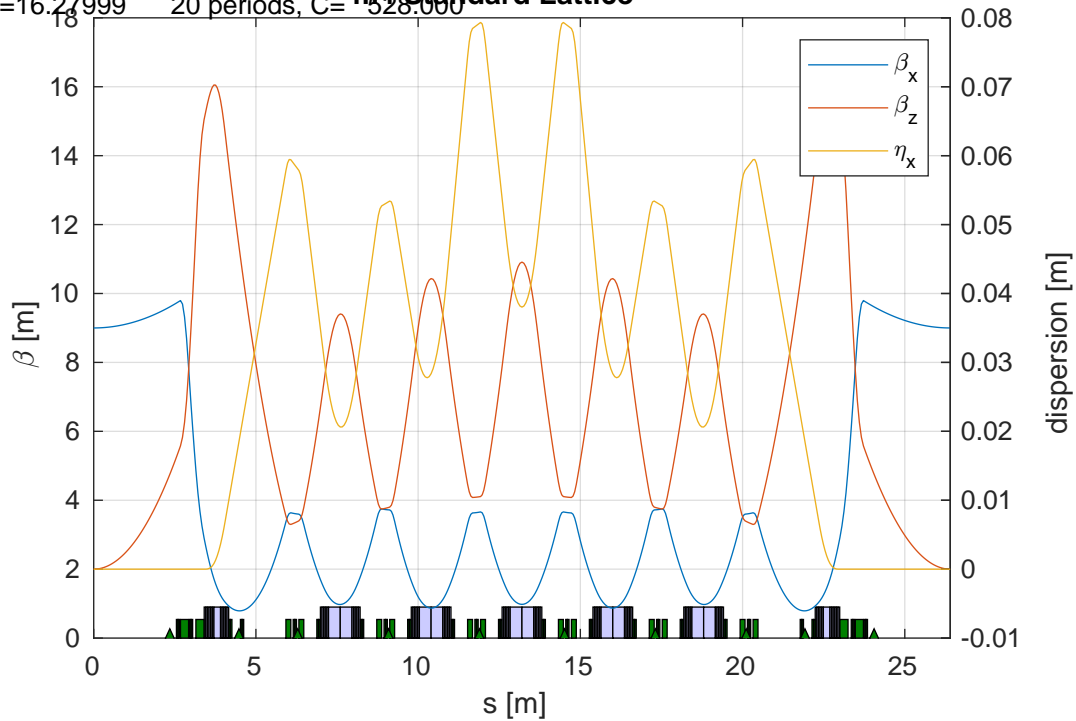
Natural Energy Spread [0.1 %]: # 0.76860

Natural Emittance: ## 328.17938 [pmrad]

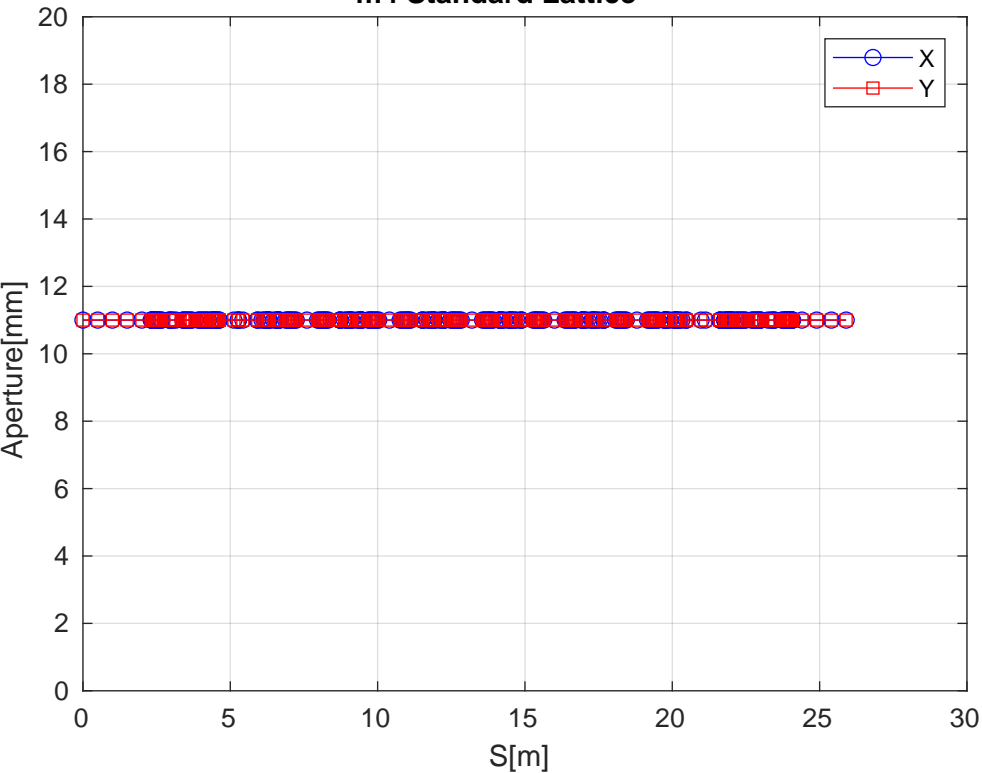
RF Voltage: # 1800.00000 [kV]

$\nu_x = 42.20000$ $\delta p/p = 0.000$ $\nu_z = 16.27999$ 20 periods, $C = 528.000$

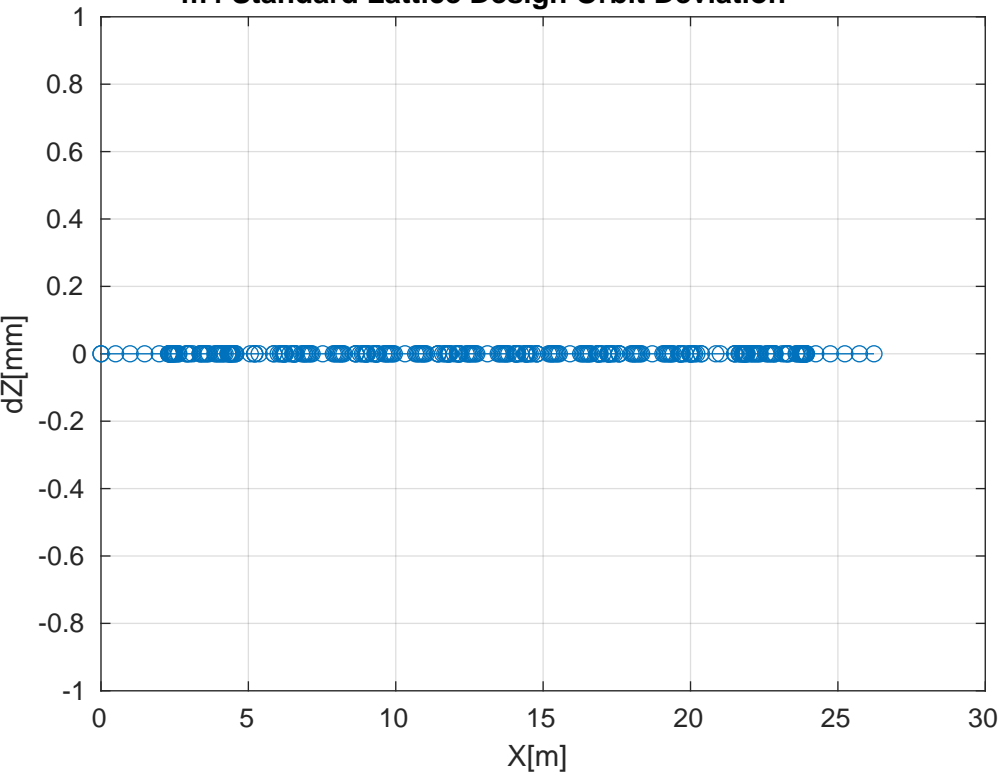
m4 Standard Lattice



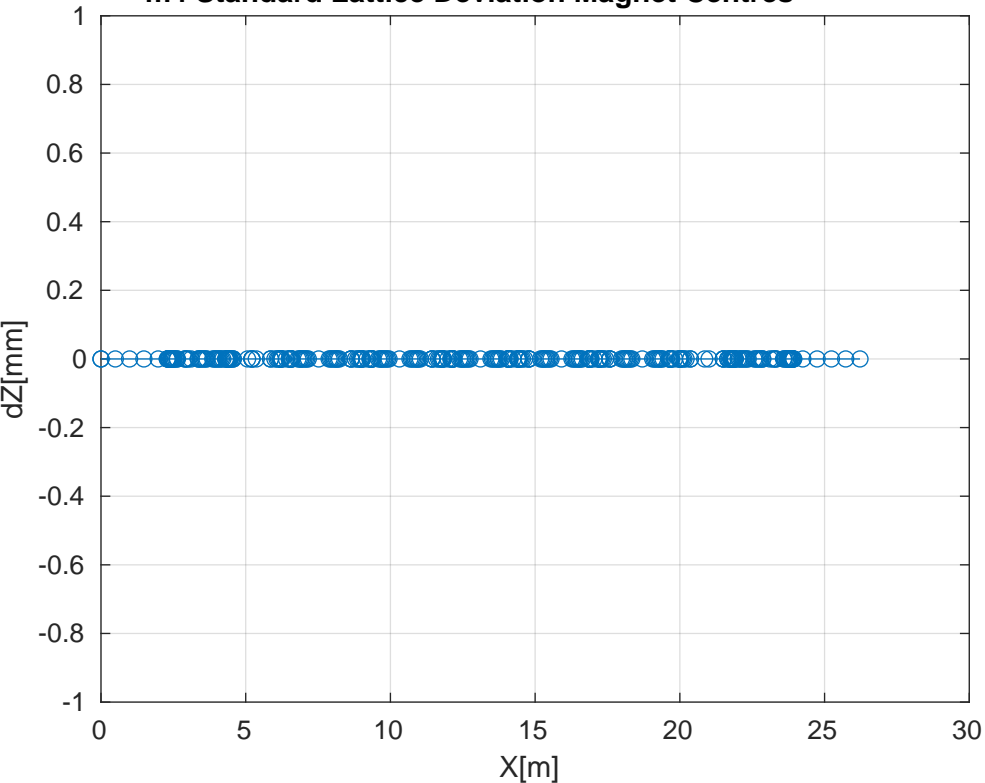
m4 Standard Lattice



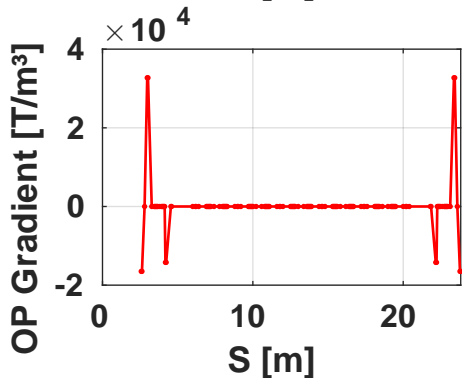
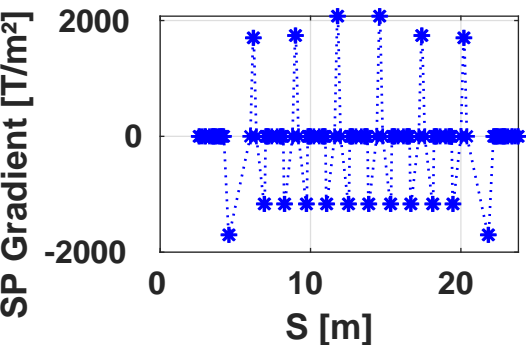
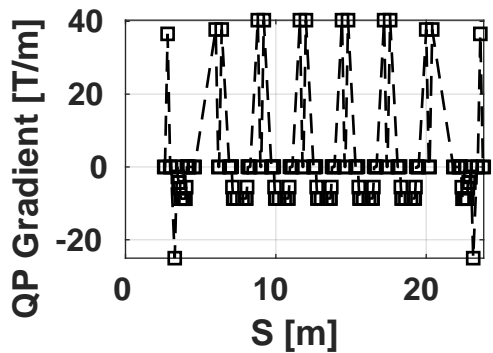
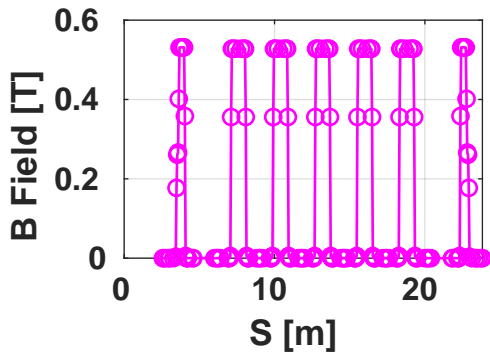
m4 Standard Lattice Design Orbit Deviation



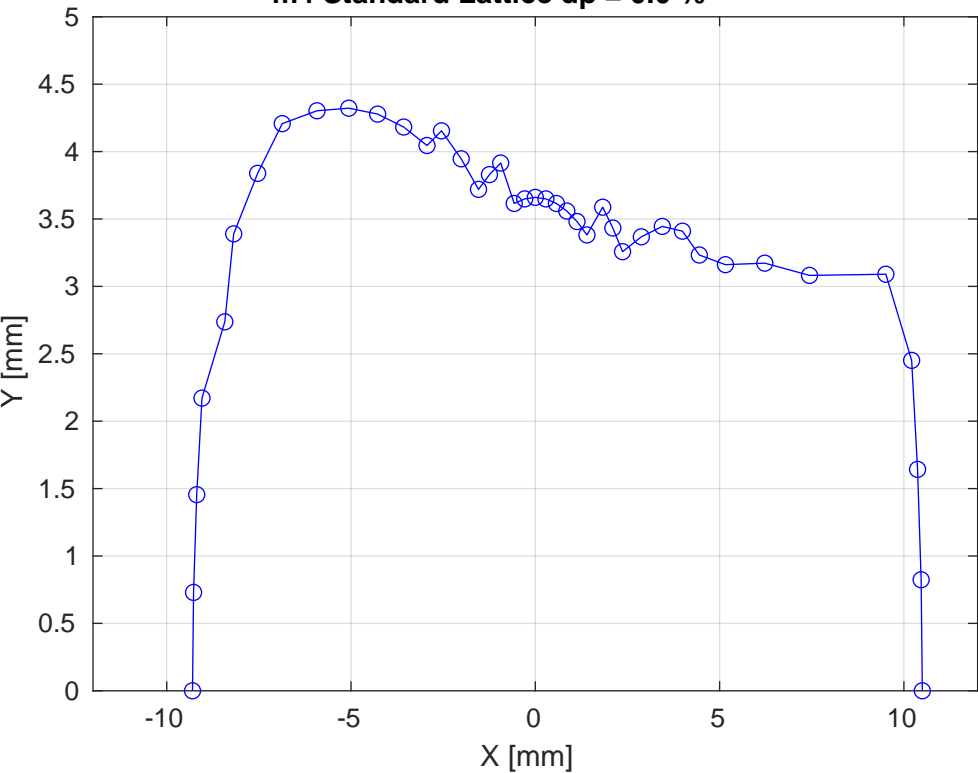
m4 Standard Lattice Deviation Magnet Centres



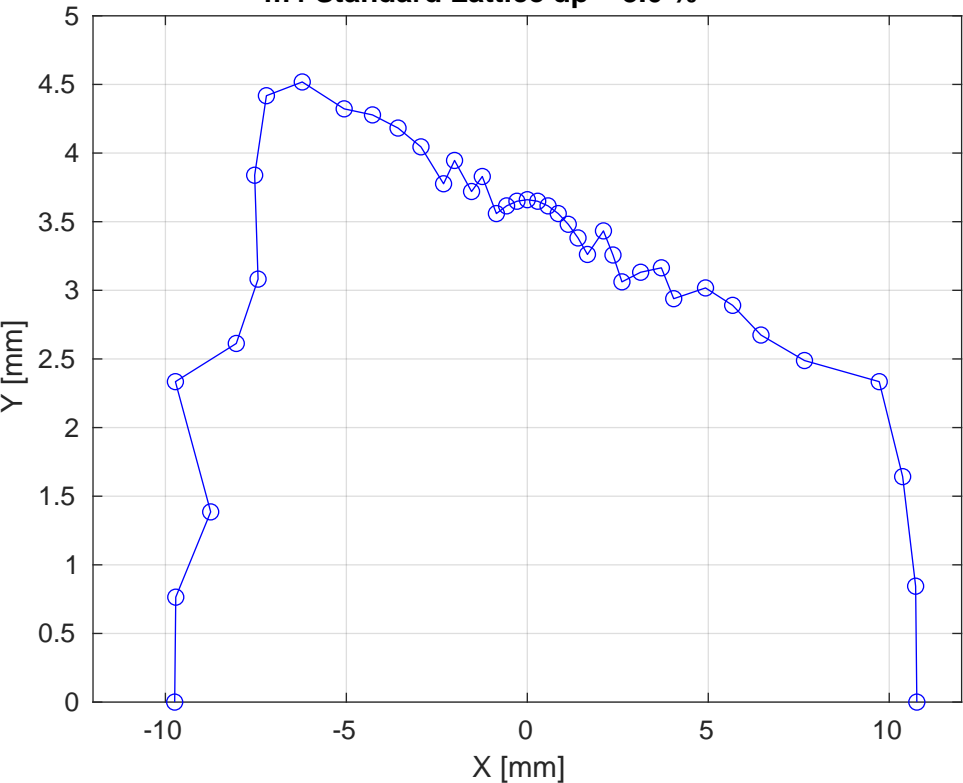
m4 Standard Lattice



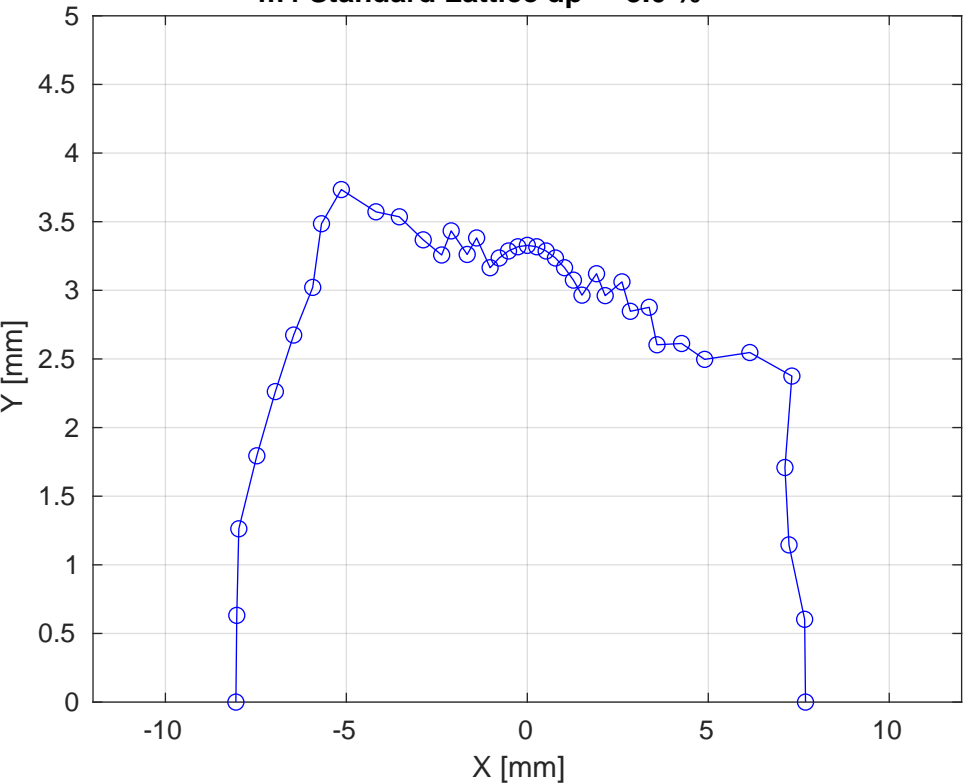
m4 Standard Lattice dp = 0.0 %



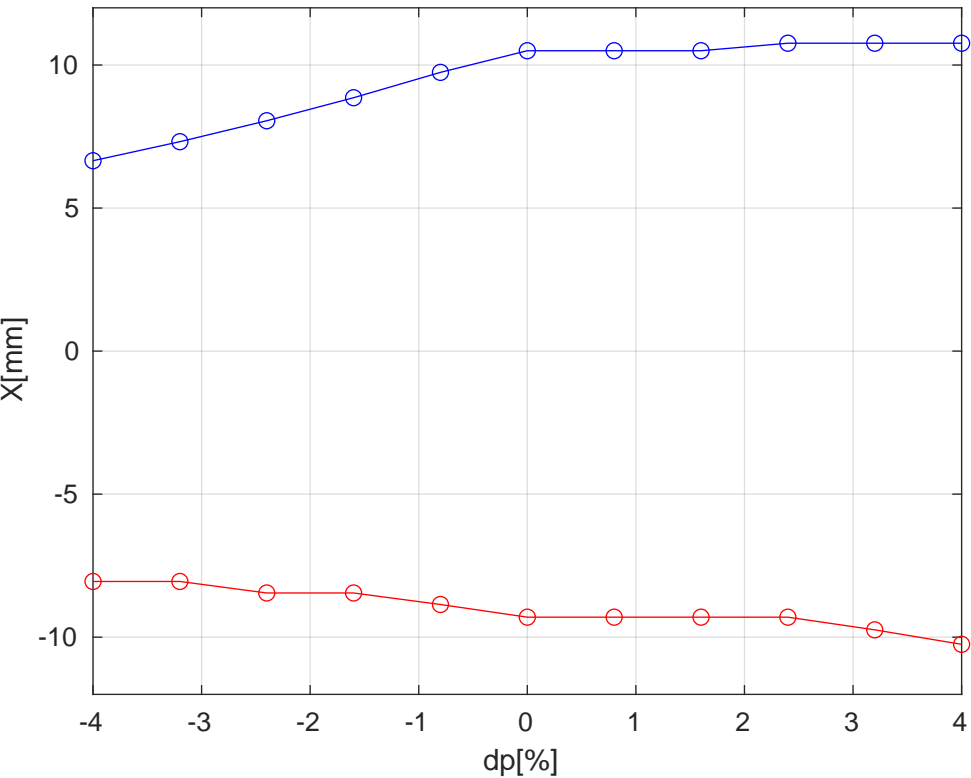
m4 Standard Lattice dp = 3.0 %



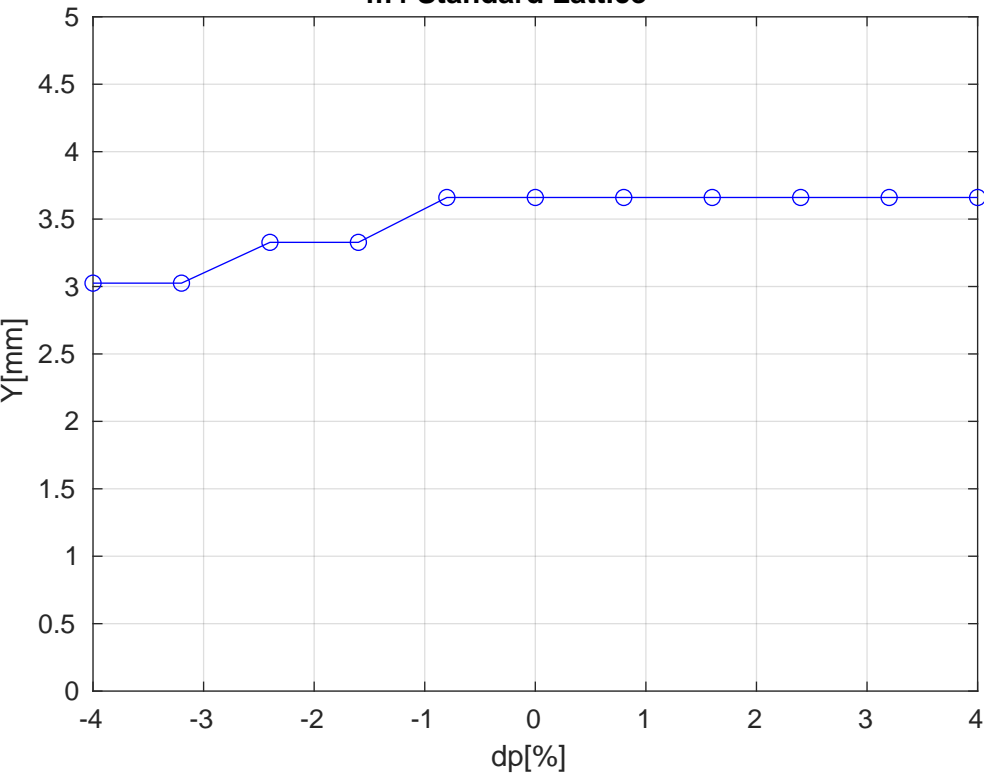
m4 Standard Lattice $dp = -3.0\%$



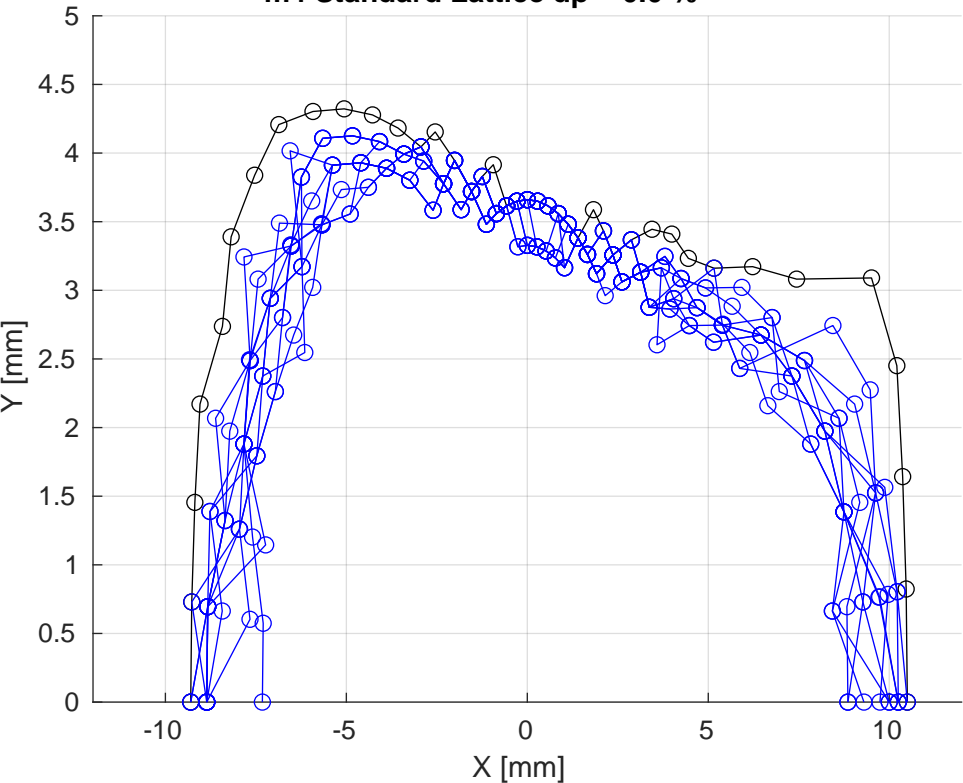
m4 Standard Lattice



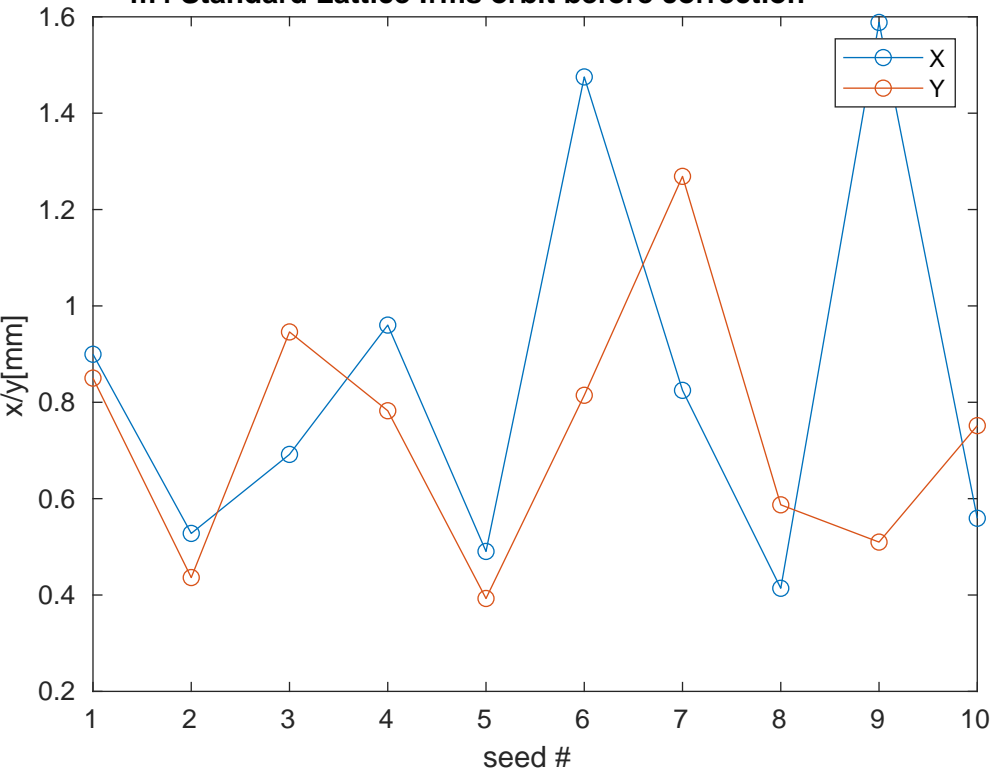
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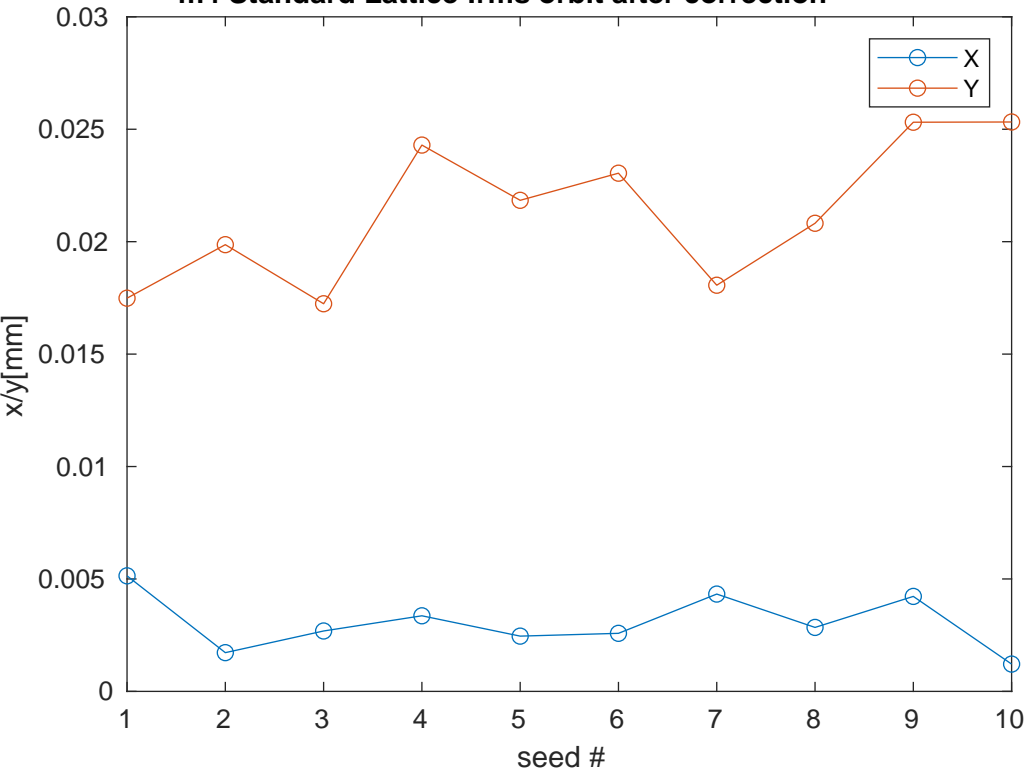
m4 Standard Lattice dp = 0.0 %



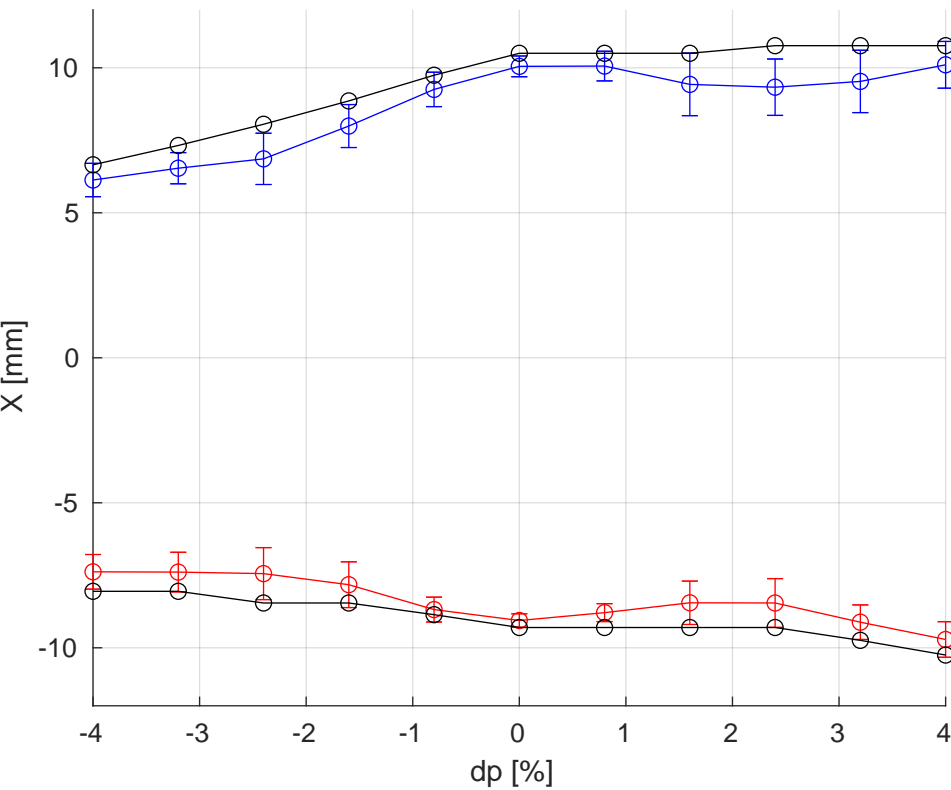
m4 Standard Lattice :rms orbit before correction



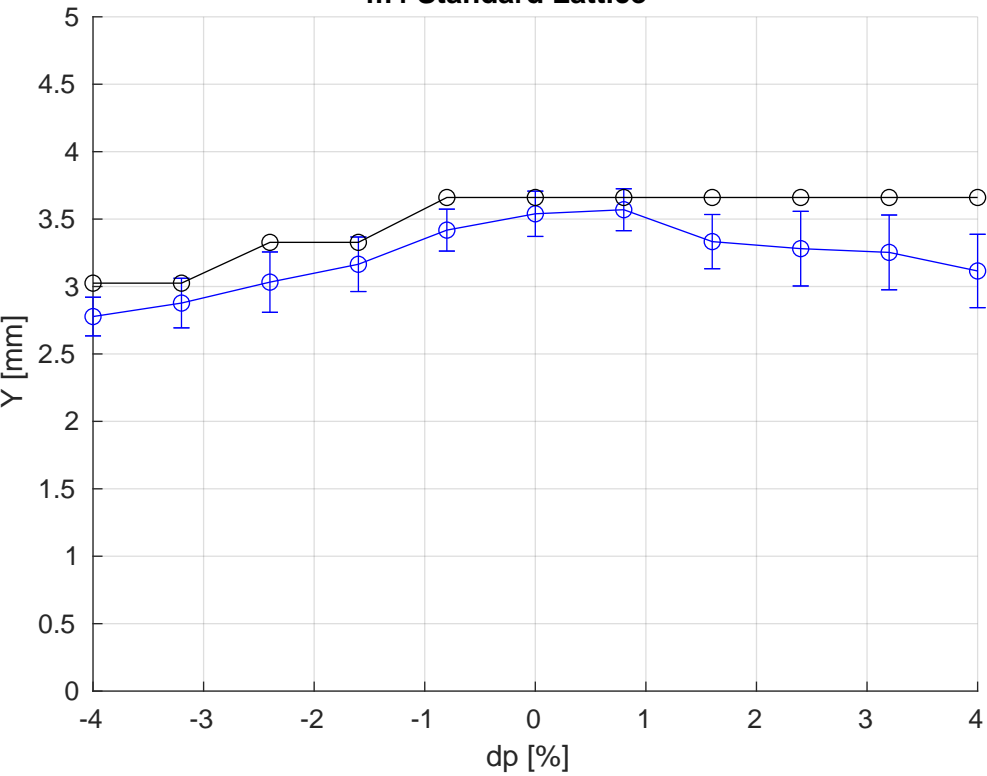
m4 Standard Lattice :rms orbit after correction



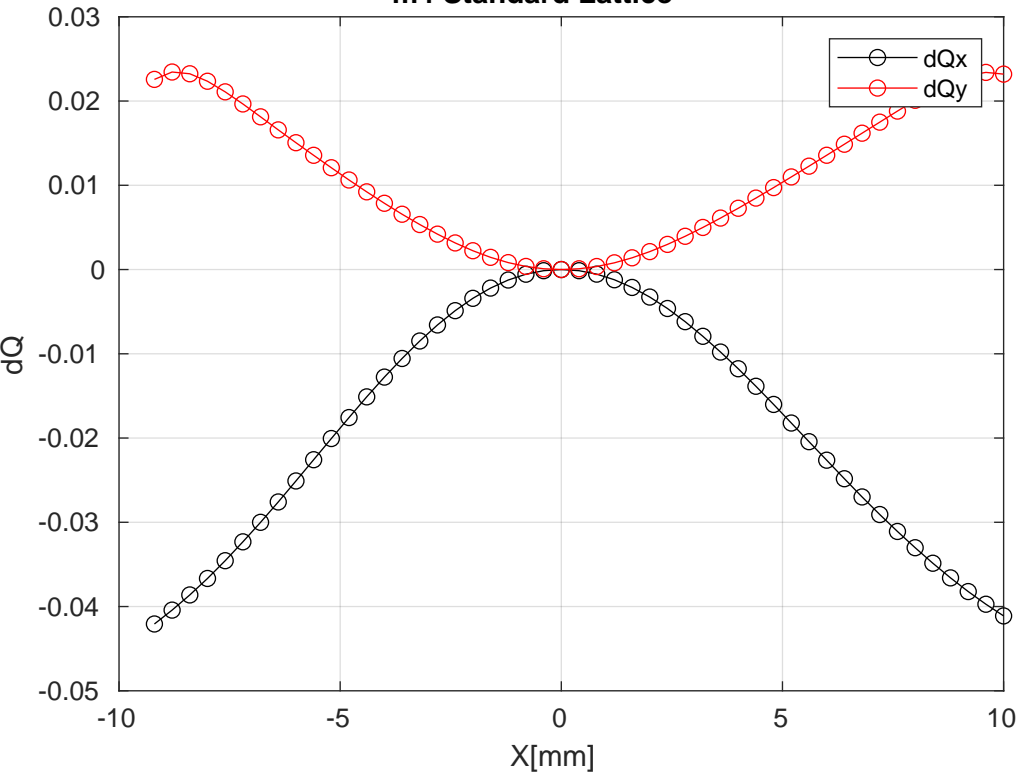
m4 Standard Lattice



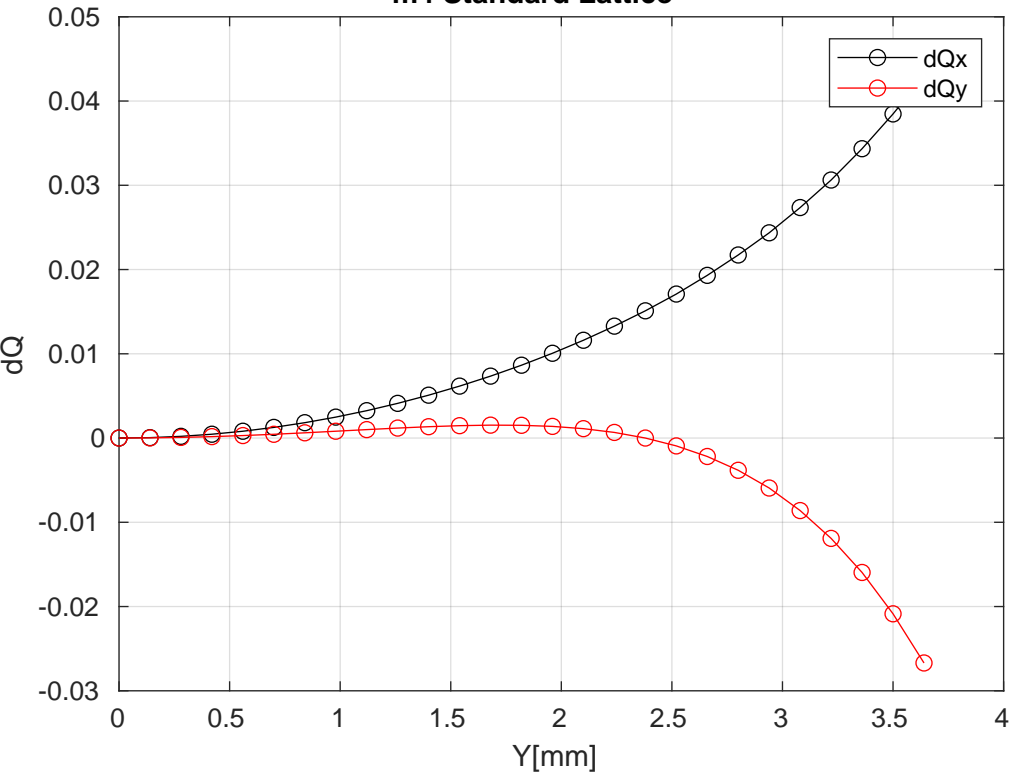
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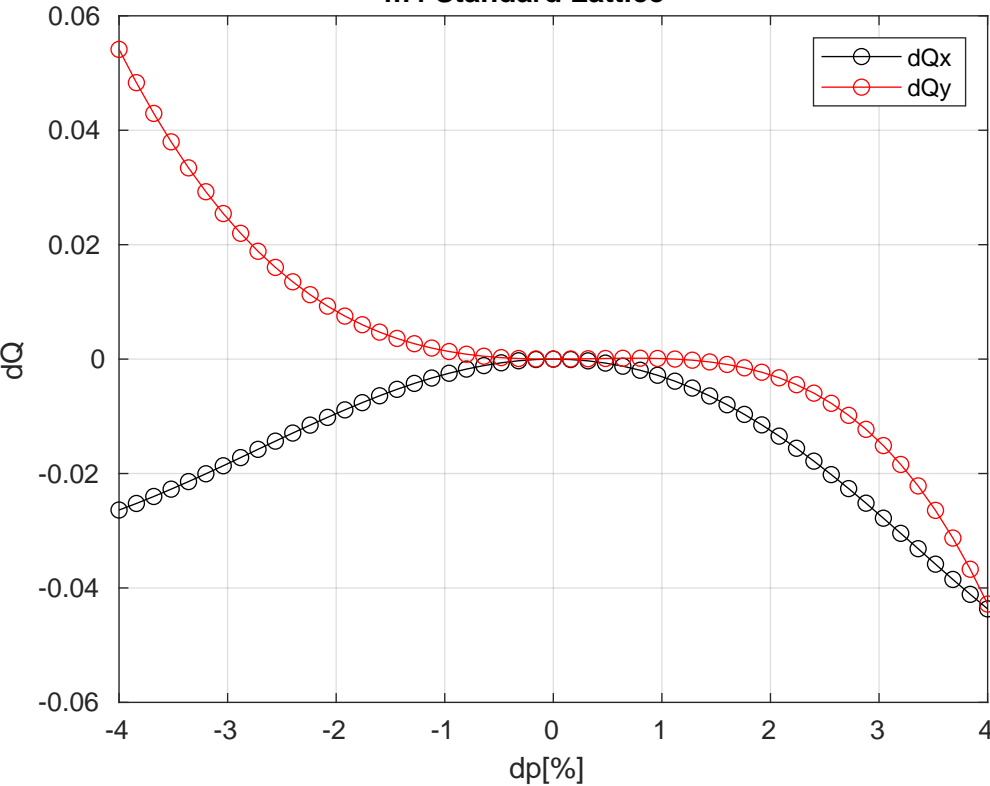
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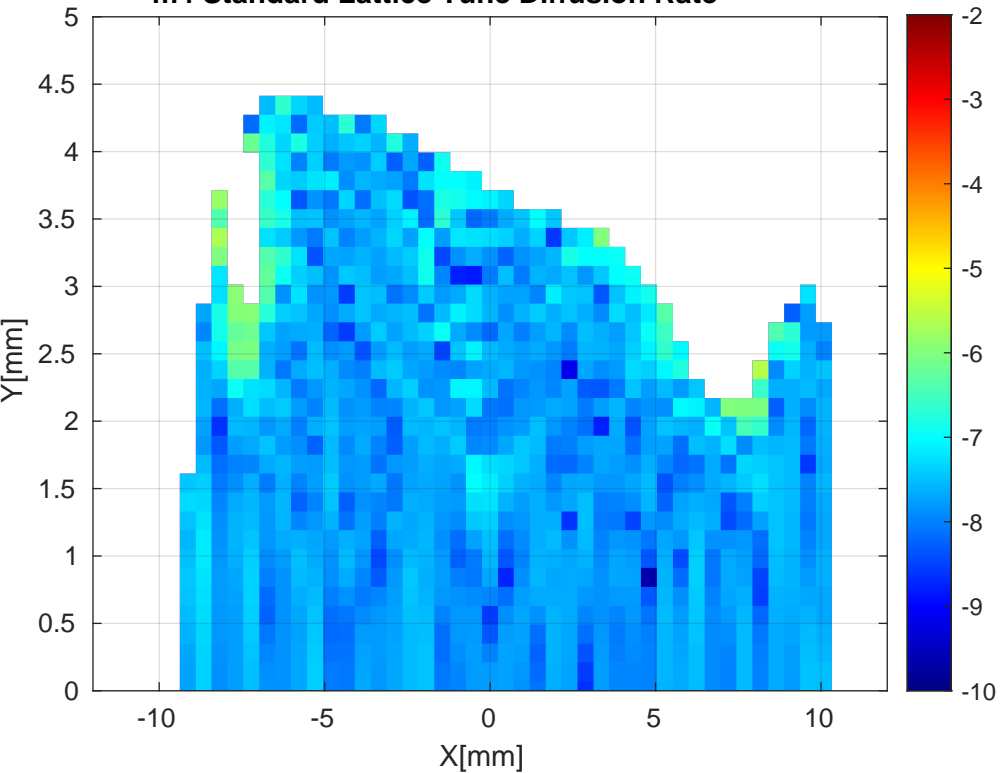
m4 Standard Lattice



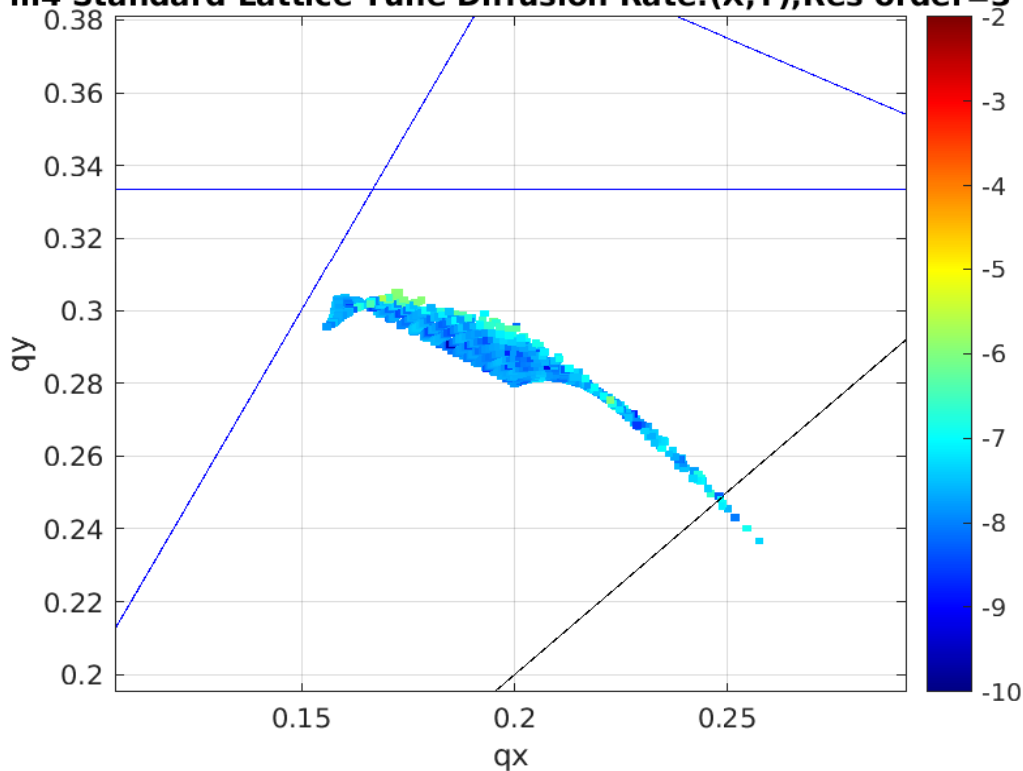
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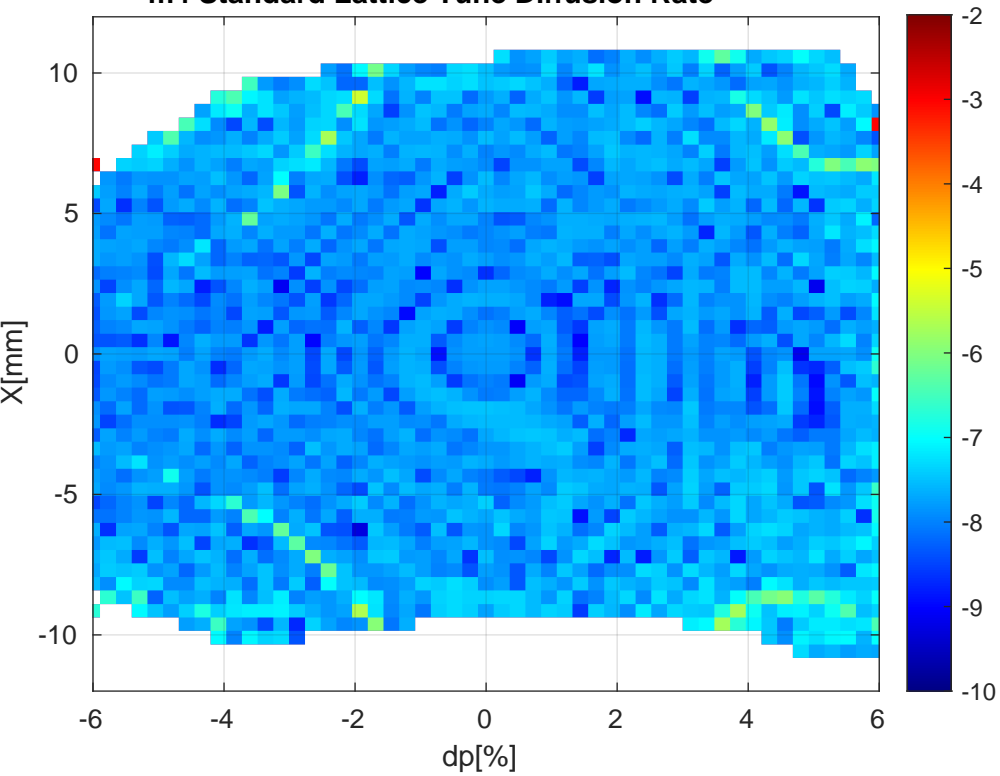
m4 Standard Lattice Tune Diffusion Rate



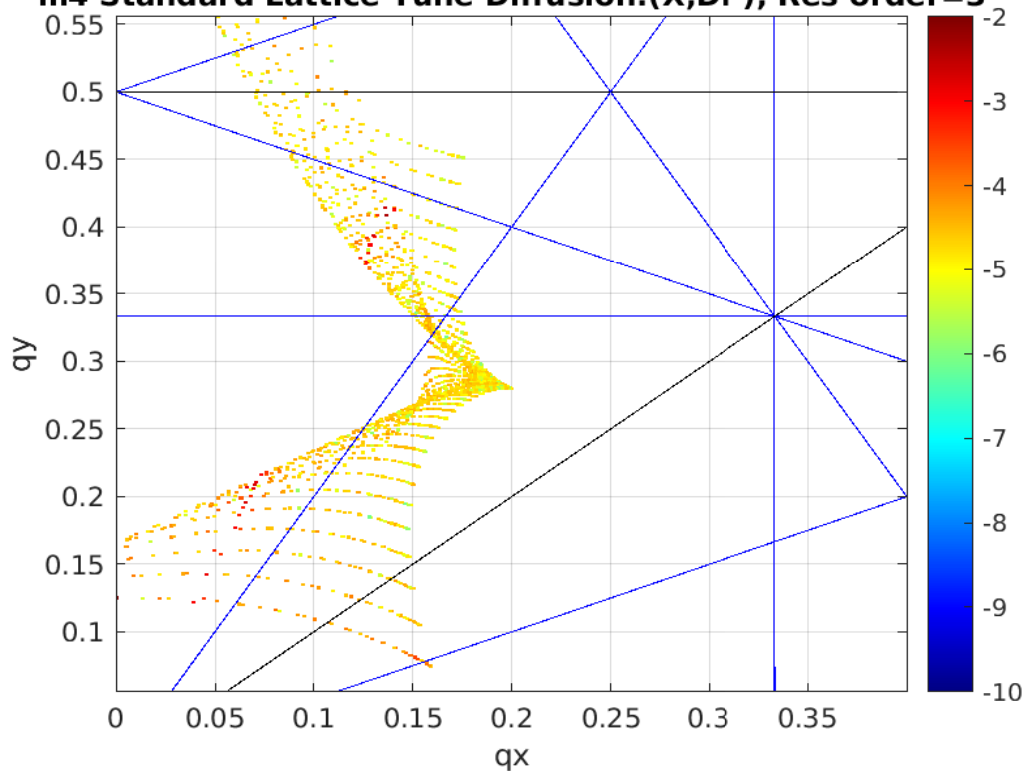
m4 Standard Lattice Tune Diffusion Rate:(X,Y),Res order=3



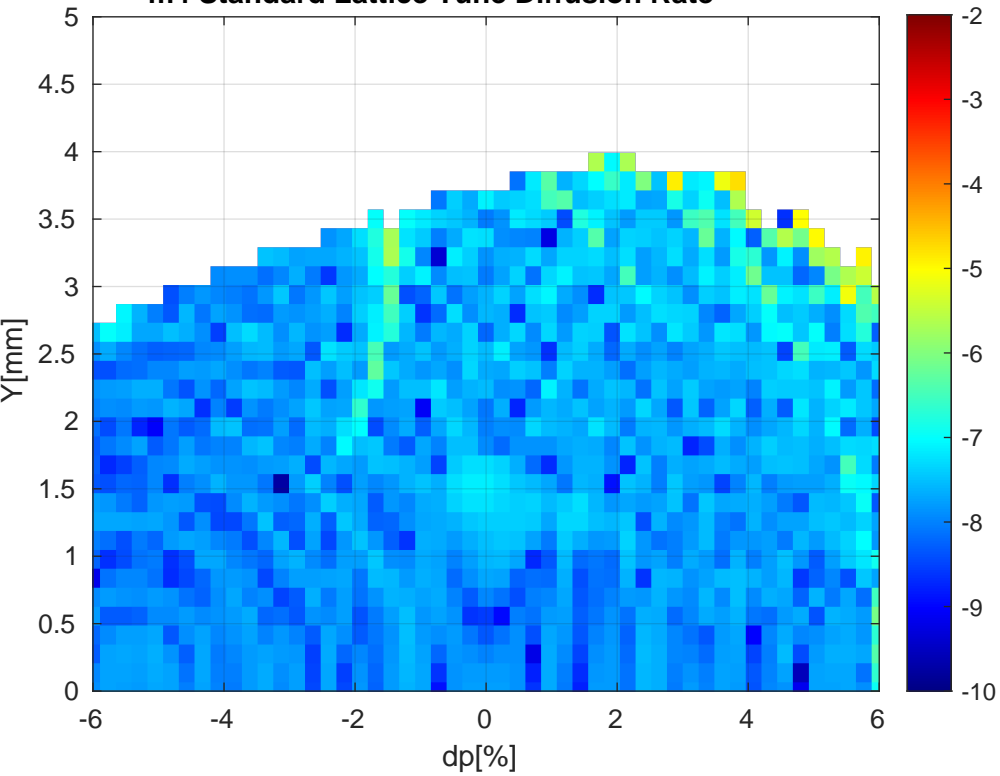
m4 Standard Lattice Tune Diffusion Rate



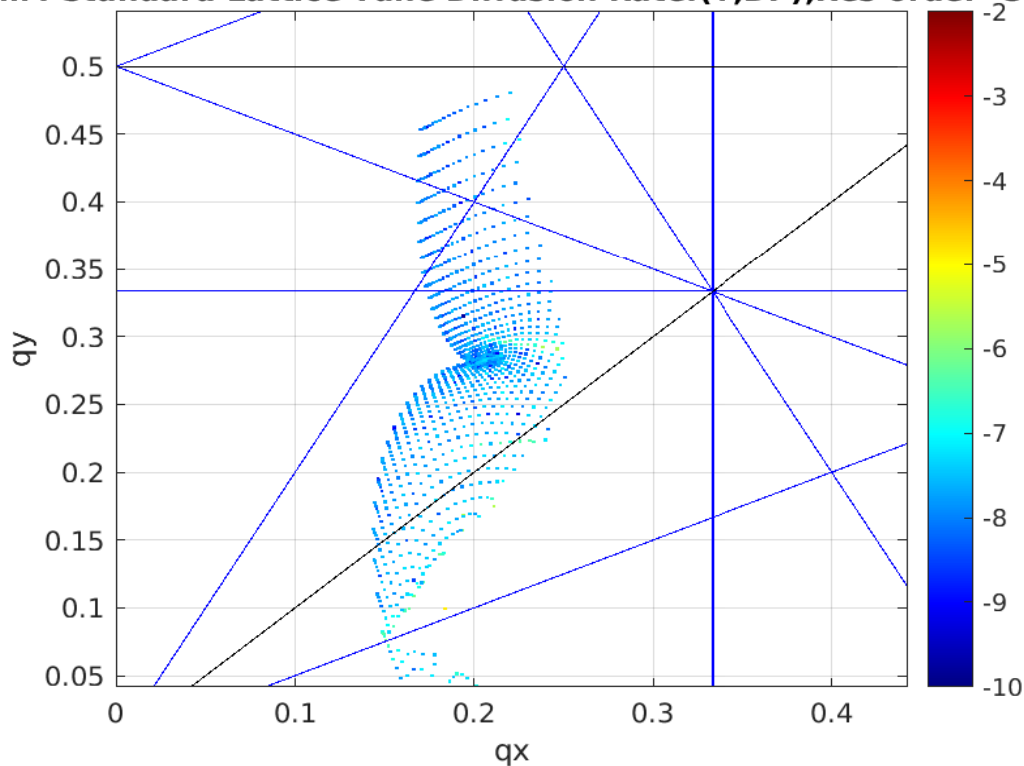
m4 Standard Lattice Tune Diffusion:(X,DP), Res order=3



m4 Standard Lattice Tune Diffusion Rate



m4 Standard Lattice Tune Diffusion Rate:(Y,DP),Res order=3



m4 Standard Lattice

