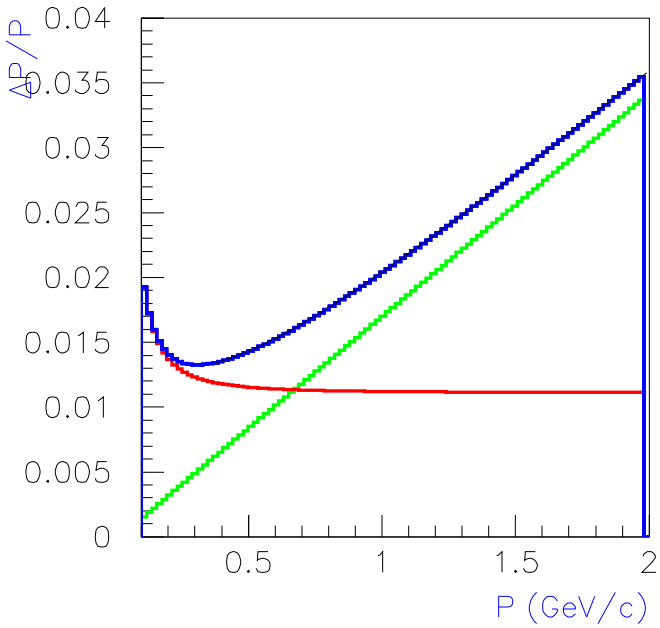
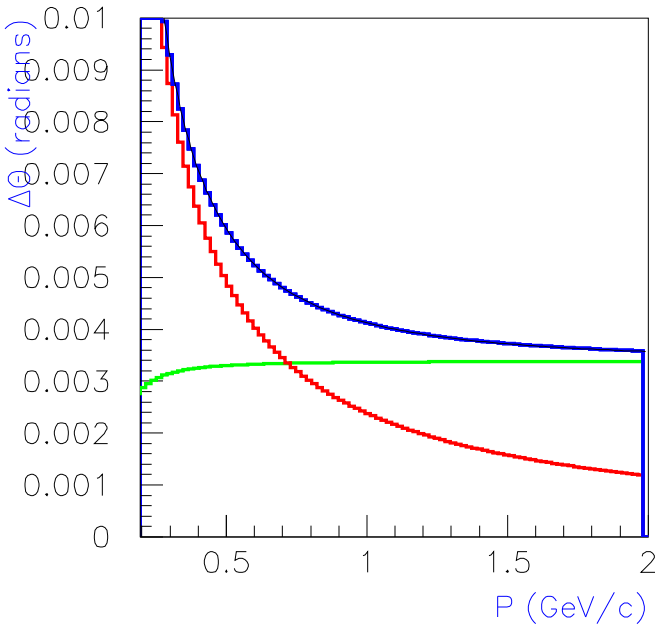
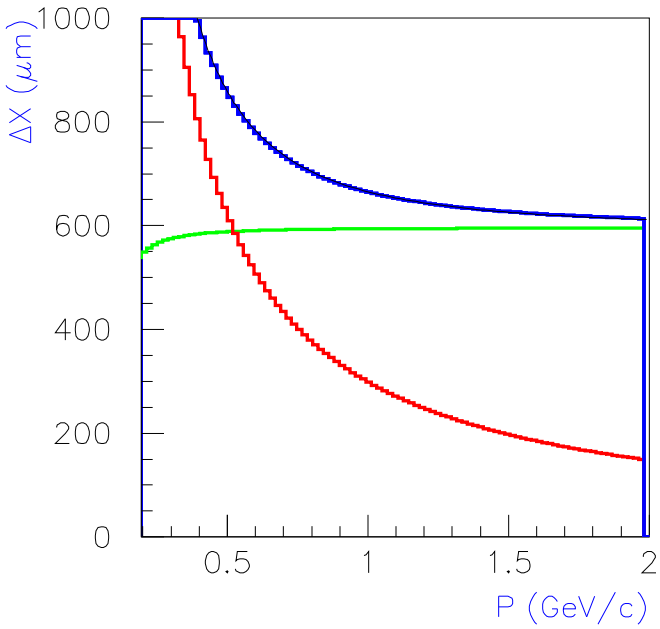
Hall D CDC at 90 degrees. sigx=300μ, scatt, st, 23 layers, B=1.74T







$\Delta P/P = \mathrm{sqrt}(\sigma_1^2 P^2 + (\sigma_2/\beta)^2)$

$\sigma_1 = 0.0171007 (\mathrm{GeV}^{-1})$

$\sigma_2 = 0.0110508$

$\Delta\Theta = \mathrm{sqrt}(\sigma_1^2 + (\sigma_2/P\beta)^2)$

$\sigma_1 = 0.00337269 (\mathrm{rad})$

$\sigma_2 = 0.0023489 (\mathrm{rad.GeV})$

$\Delta X = \mathrm{sqrt}(\sigma_1^2 + (\sigma_2/P\beta)^2)$

$\sigma_1 = 593.12 (\mu\mathrm{m})$

$\sigma_2 = 298.863 (\mu\mathrm{m.GeV})$

mass= 0.14

red – mult. green – pos. blue – sum