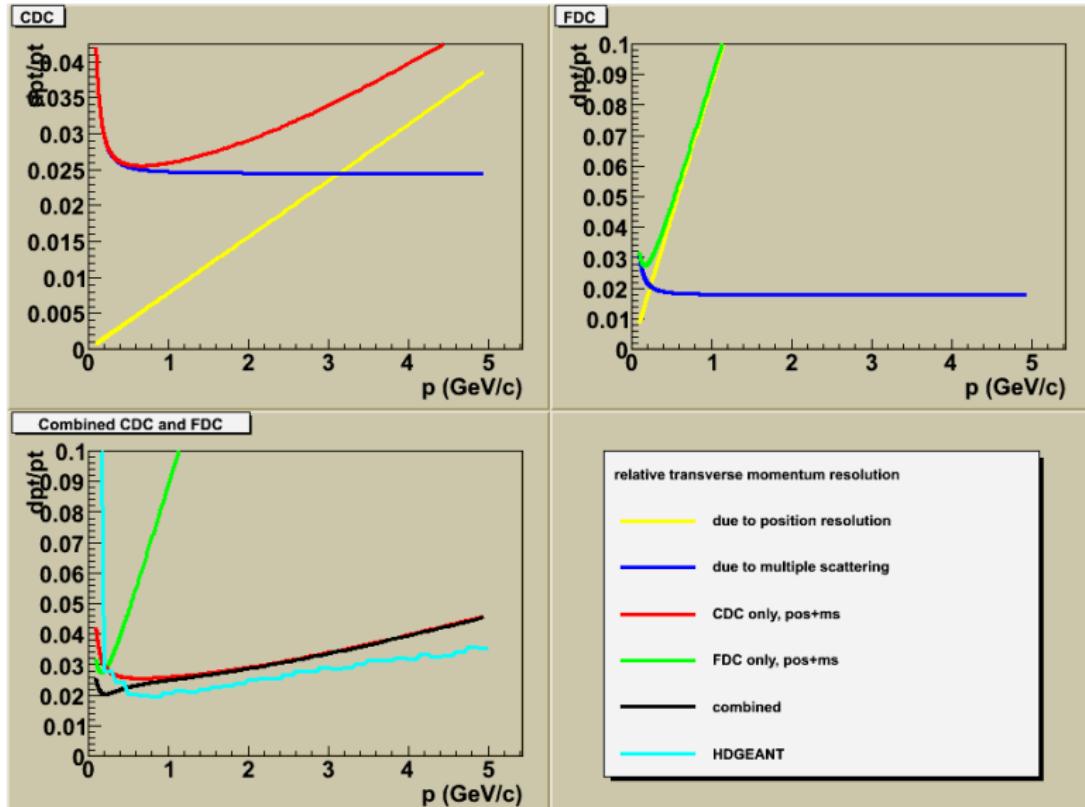
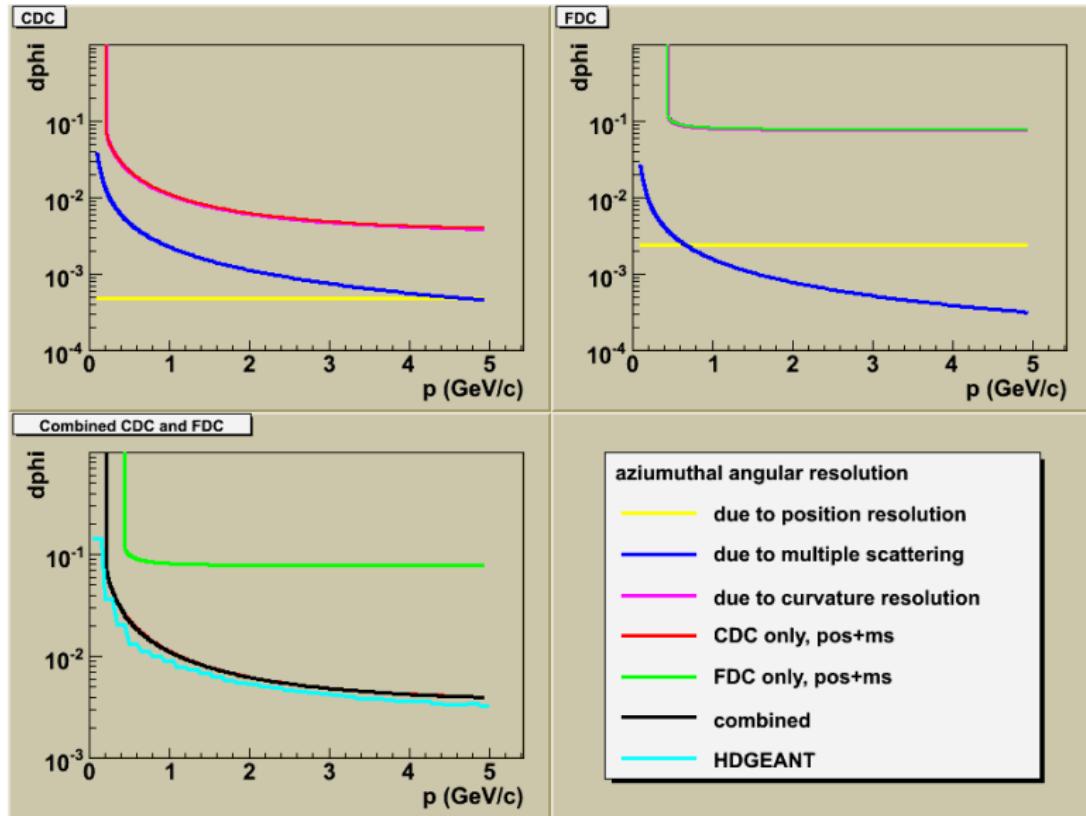


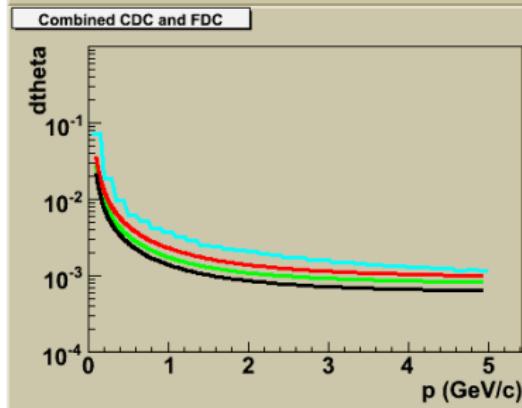
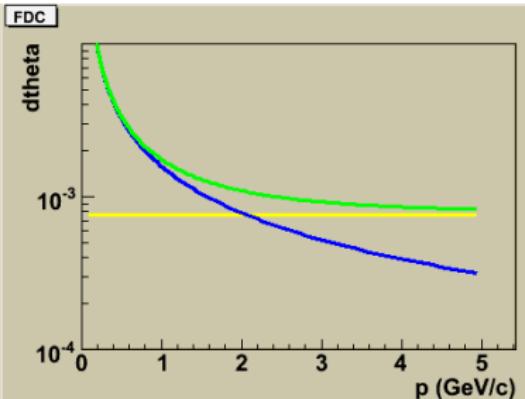
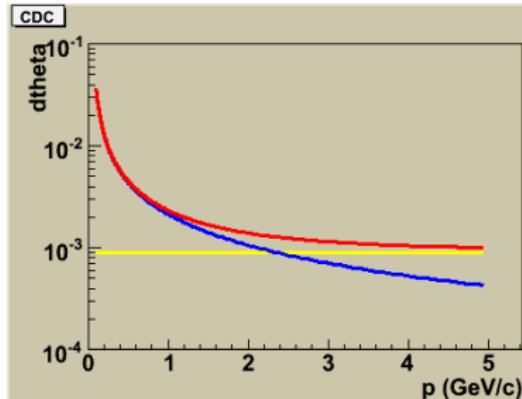
σ_{p_t}/p_t , momentum scan, $\theta = 20^\circ$



σ_ϕ , momentum scan, $\theta = 20^\circ$



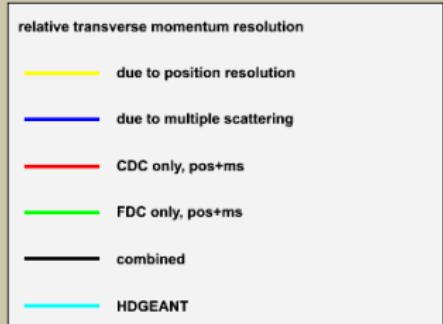
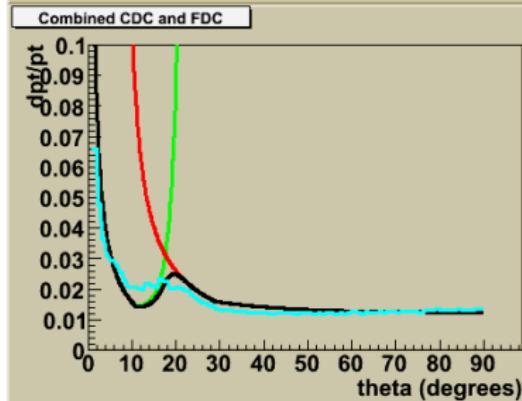
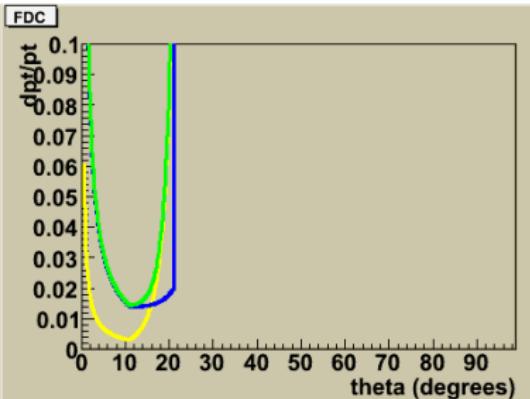
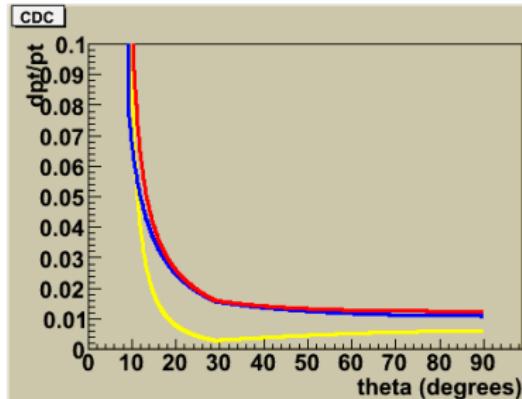
σ_θ , momentum scan, $\theta = 20^\circ$



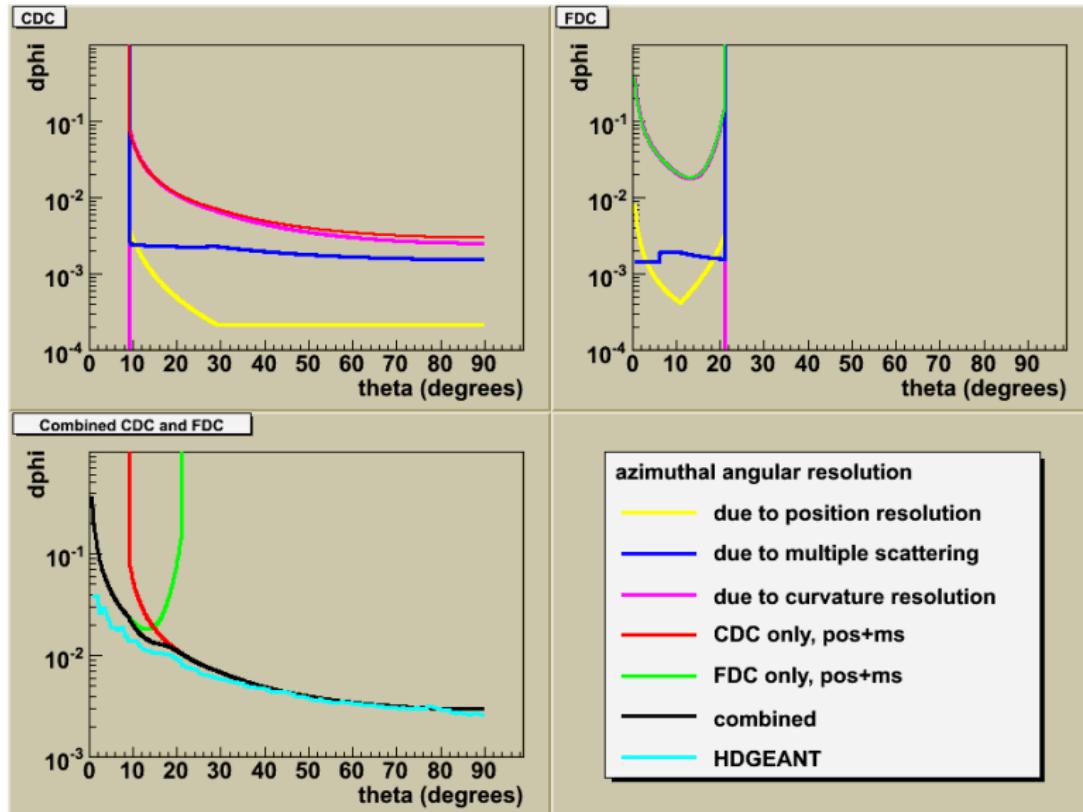
polar angular resolution

- due to position resolution
- due to multiple scattering
- CDC only, pos+ms
- FDC only, pos+ms
- combined
- HDGEANT

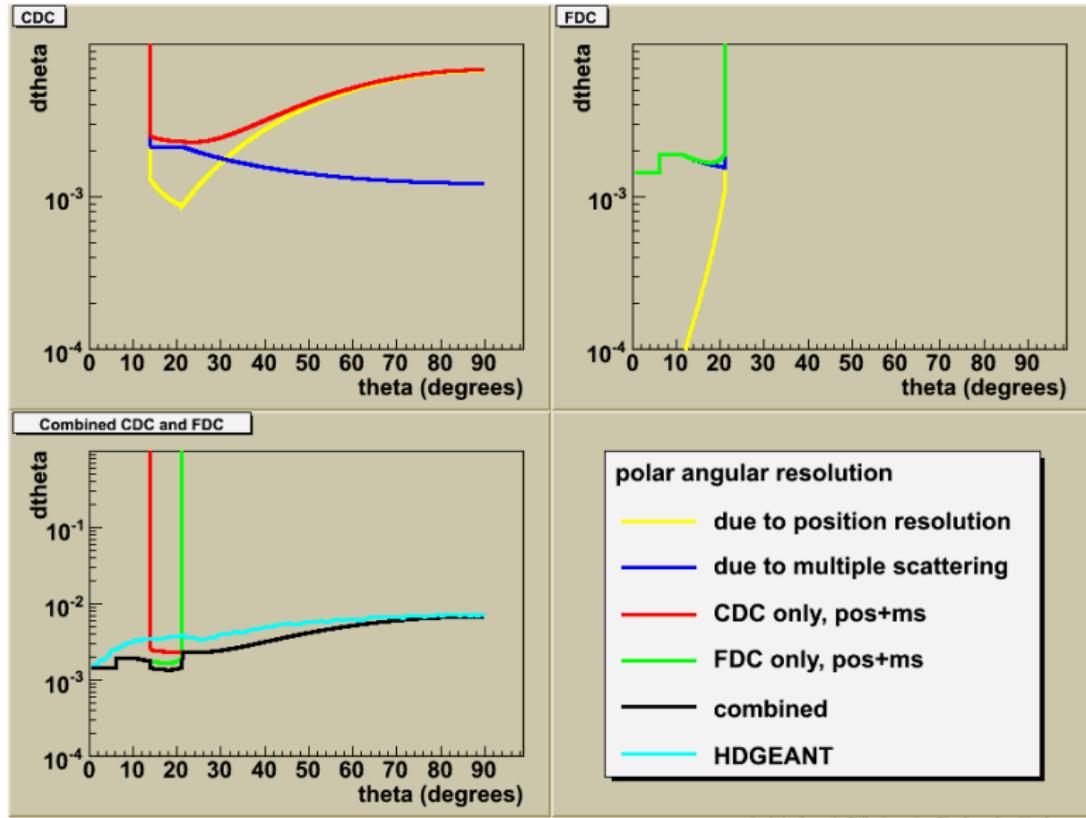
σ_{p_t}/p_t , θ scan, $p = 1 \text{ GeV}/c$



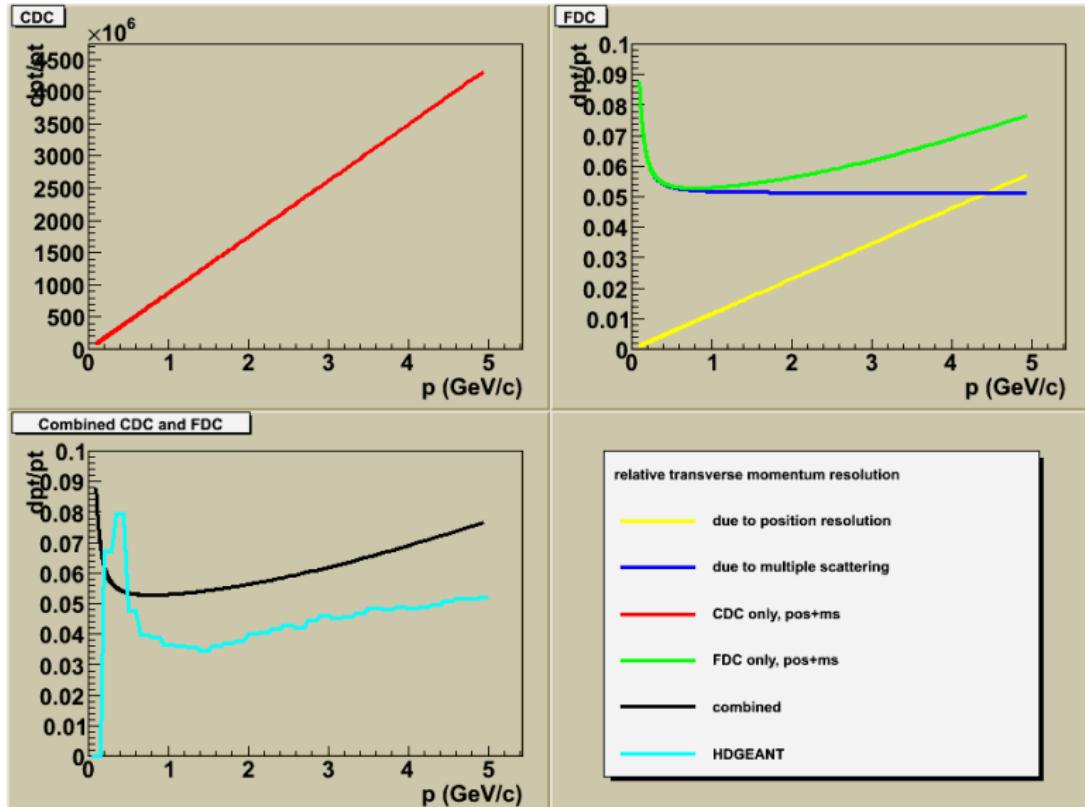
σ_ϕ , θ scan, $p = 1$ GeV/c



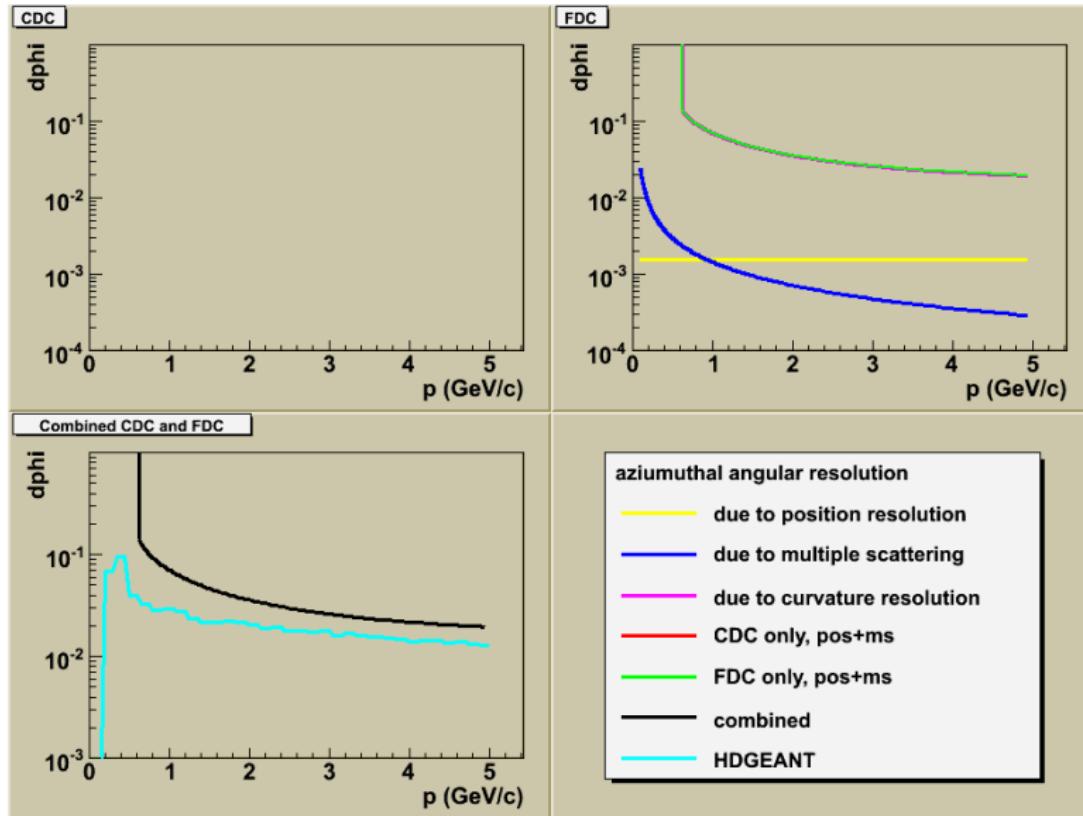
σ_θ , θ scan, $p = 1$ GeV/ c



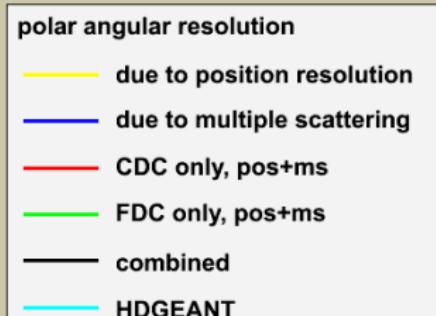
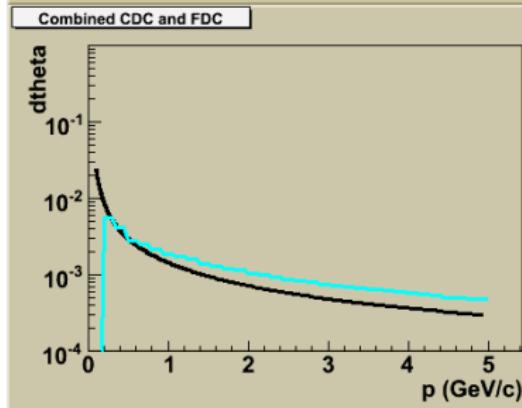
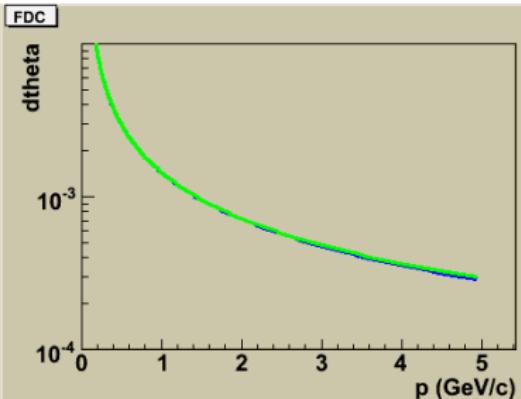
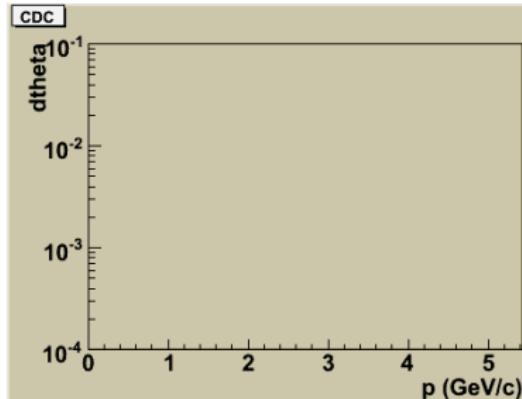
σ_{p_t}/p_t , momentum scan, $\theta = 3^\circ$



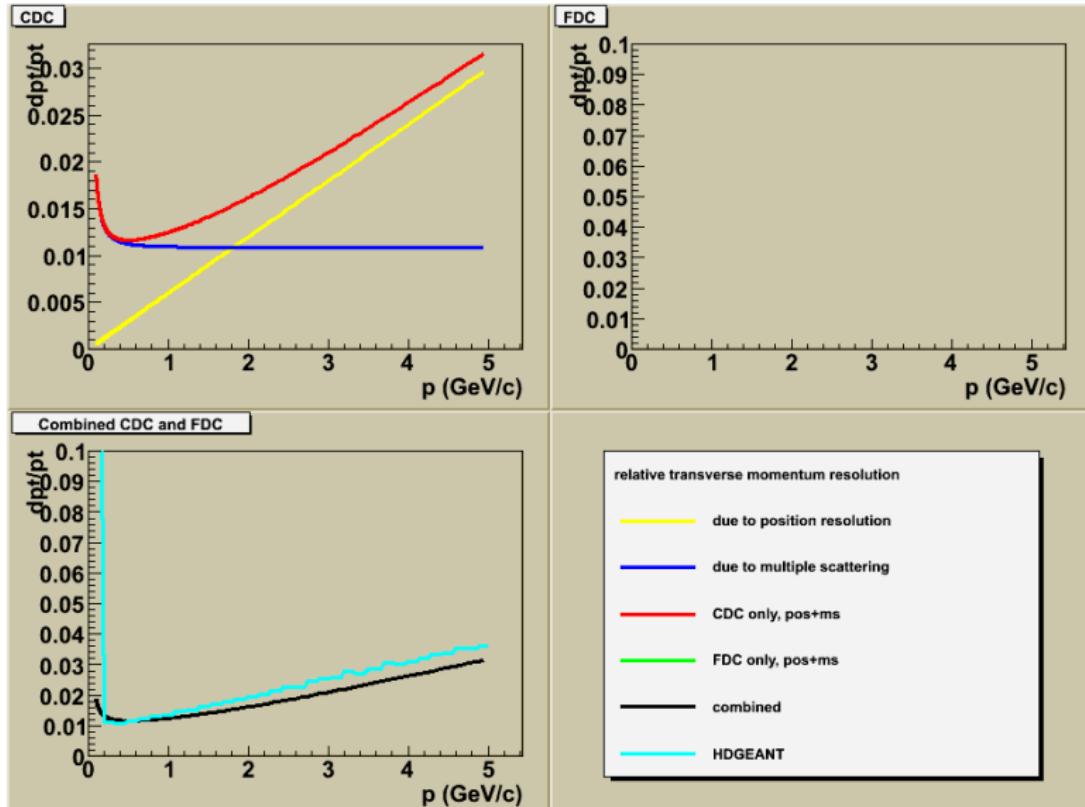
σ_ϕ , momentum scan, $\theta = 3^\circ$



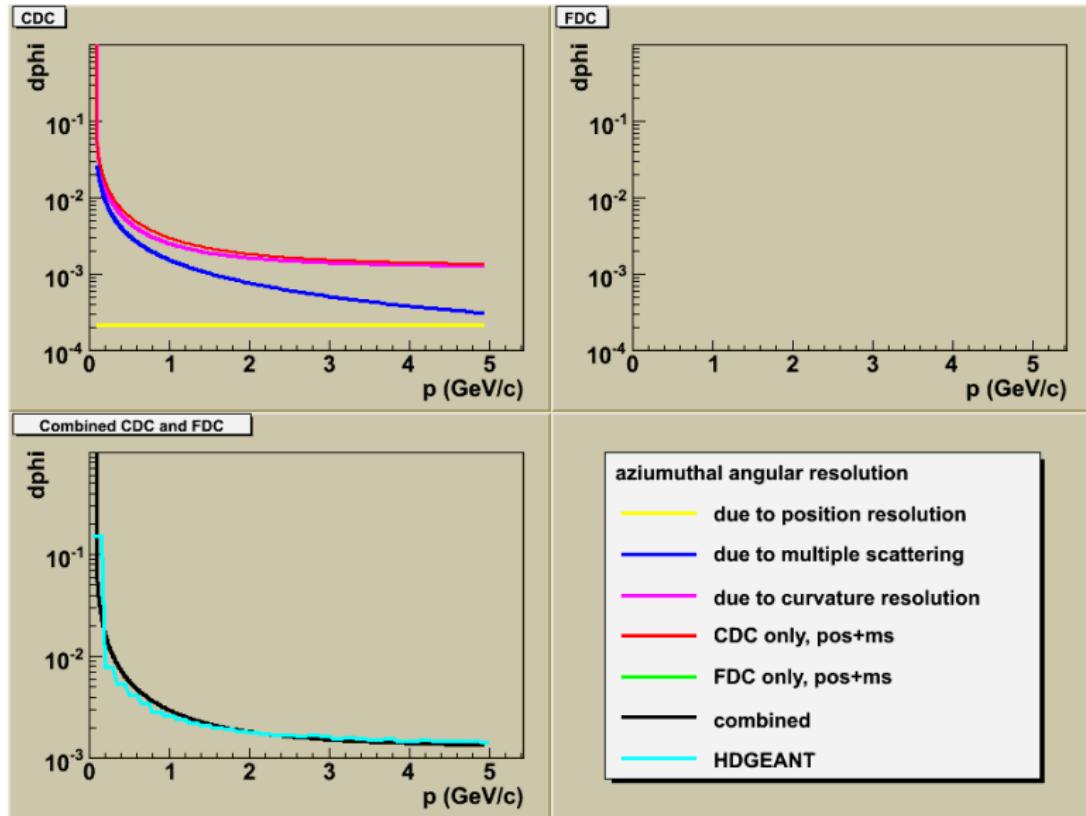
σ_θ , momentum scan, $\theta = 3^\circ$



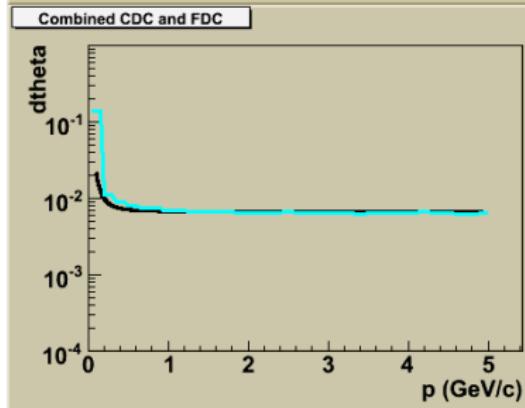
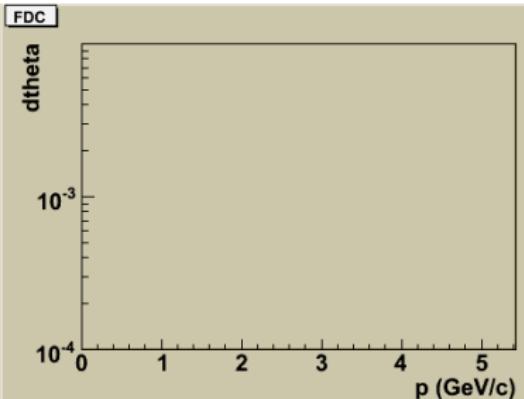
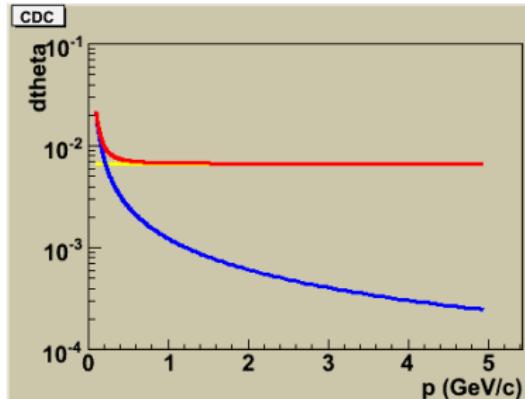
σ_{p_t}/p_t , momentum scan, $\theta = 90^\circ$



σ_ϕ , momentum scan, $\theta = 90^\circ$



σ_θ , momentum scan, $\theta = 90^\circ$



polar angular resolution

- due to position resolution
- due to multiple scattering
- CDC only, pos+ms
- FDC only, pos+ms
- combined
- HDGEANT