

Résultats préliminaires concernant la génération d'événements avec Pythia et Alpgen

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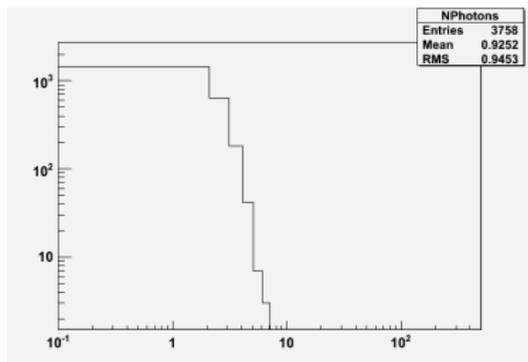
Institut de Physique Nucléaire de Lyon
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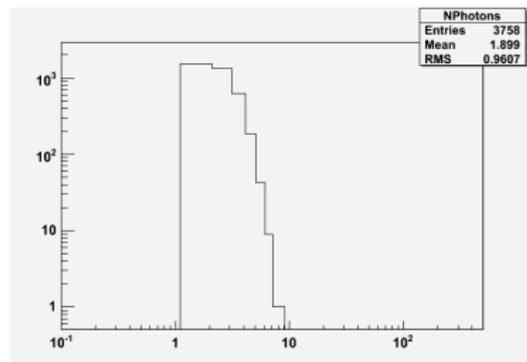
Plan de la présentation

- 1 Distributions $N\gamma$
- 2 Graphiques de variables (non)-renormalisées
- 3 Graphes Δ_R versus γ_{PT}

z_0 [Pythia seul] - z_1 [Pythia + Alpgen] N_γ

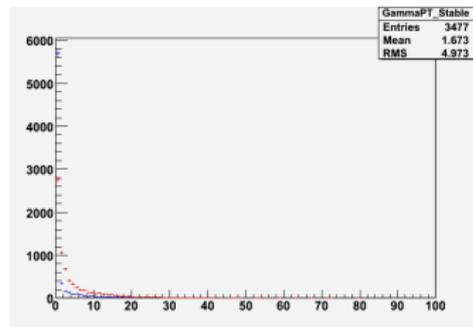
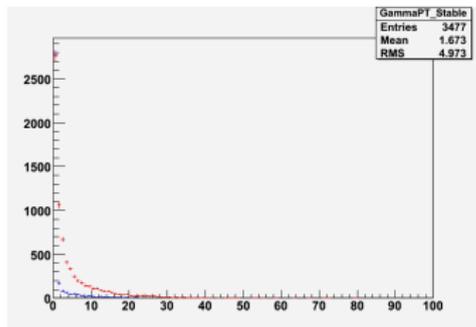


$z_0 N_\gamma$ (log)

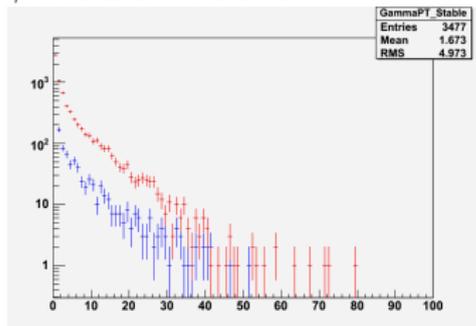


$z_1 N_\gamma$ (log)

z_0 [Pythia seul] - z_1 [Pythia + Alpgen] γ_{PT} Stable

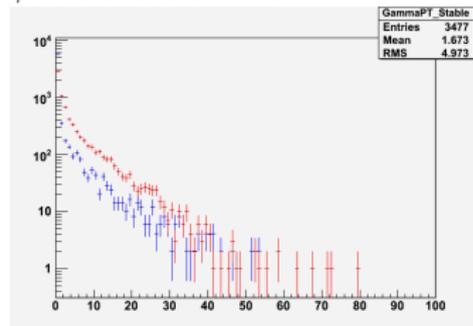


γ_{PT} Stable non renormalisé



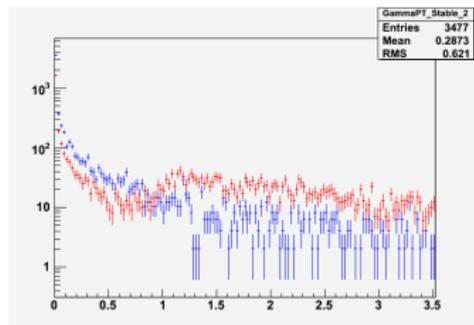
γ_{PT} Stable non renormalisé (log)

γ_{PT} Stable renormalisé

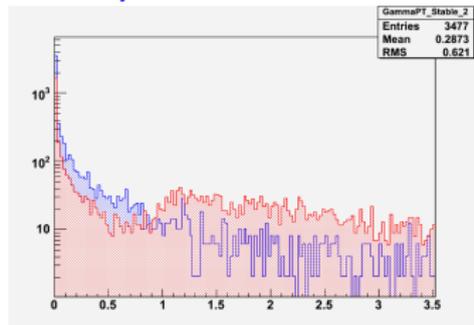


γ_{PT} Stable renormalisé (log)

Coupure z_0 [Pythia seul] - z_1 [Pythia + Alpgen] : γ PT detail low

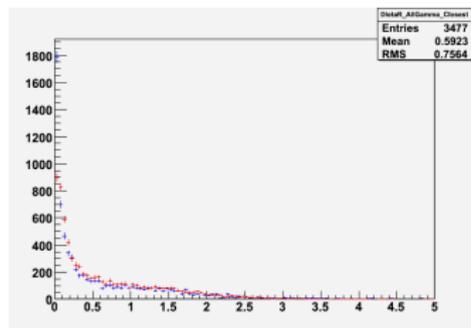
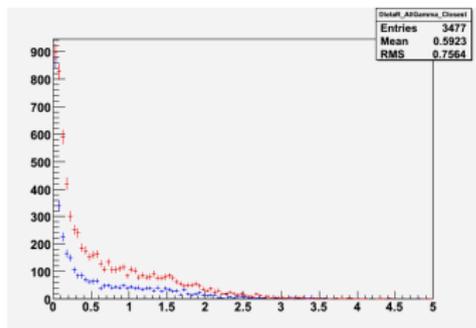


Coupure entre Pythia et ALPGEN avec barres d'erreurs

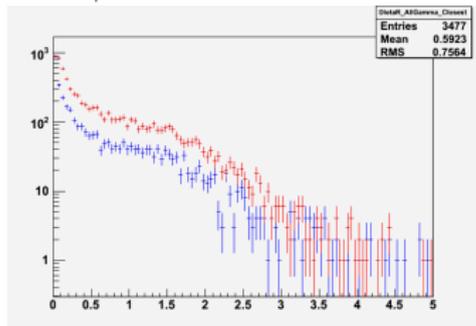


Coupure entre Pythia et ALPGEN hachurés

$z0$ [Pythia seul] - $z1$ [Pythia + Alpgen] ΔR all γ closest

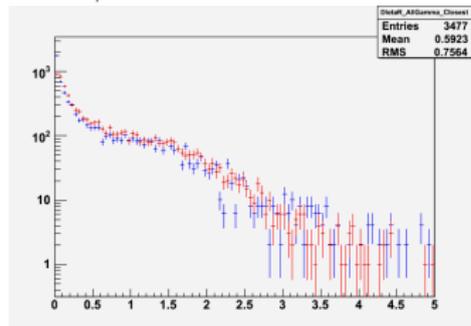


ΔR all γ closest non renormalisé



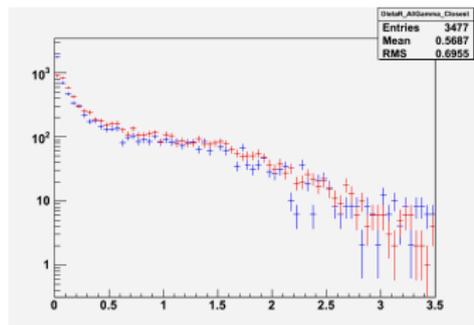
ΔR all γ closest non renormalisé (log)

ΔR all γ closest renormalisé

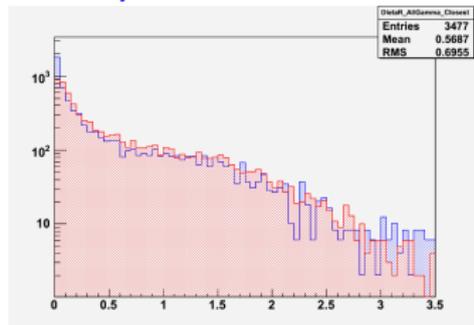


ΔR all γ closest renormalisé (log)

Coupure z_0 [Pythia seul] - z_1 [Pythia + Alpgen] : Δ_R detail

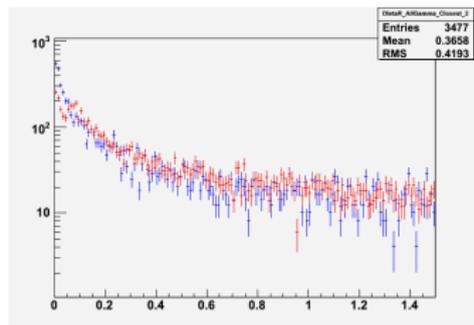


Coupure entre Pythia et ALPGEN avec barres d'erreurs

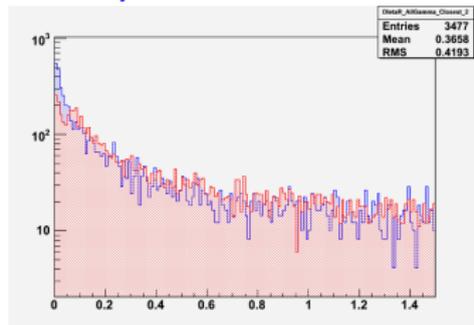


Coupure entre Pythia et ALPGEN hachurés

Coupure z_0 [Pythia seul] - z_1 [Pythia + Alpgen] : Δ_R detail low

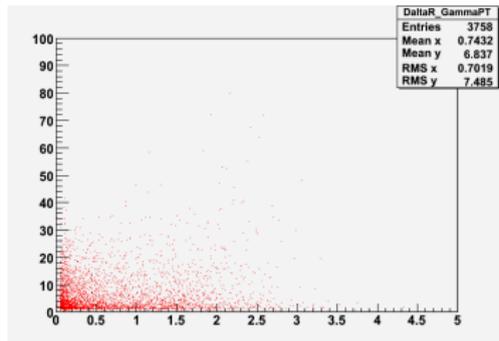


Coupure entre Pythia et ALPGEN avec barres d'erreurs

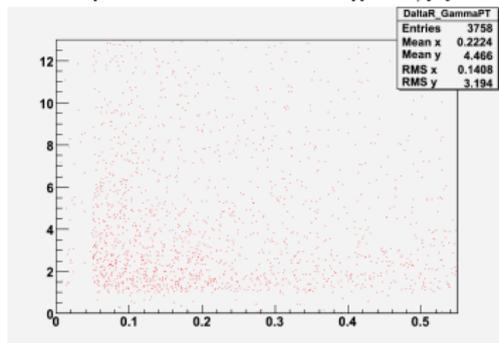


Coupure entre Pythia et ALPGEN hachurés

Corrélations entre Δ_R vs γ_{PT} (Z1 : Pythia + Alpgen)



Graphes deux dimensions Δ_R vs γ_{PT}



Graphes deux dimensions Δ_R vs γ_{PT} zoom