Fit of invariant mass

Fit of pt

b_{exc} = 4.78
b_{diss} = 0.76

- - - Exclusive J/Psi
- - - Dissociative J/Psi
- - - γ + Pb
- - - Psi(2s)
- - - $\gamma\gamma \to \mu^+ \mu^-$
— sum
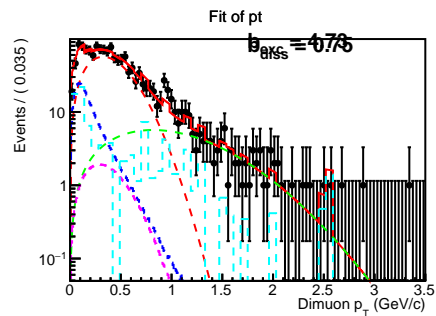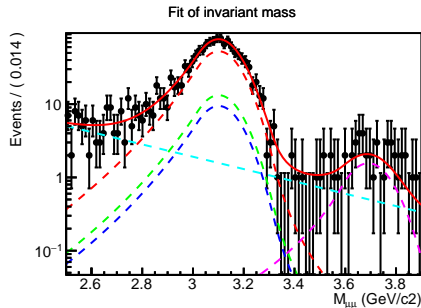
Exclusive J/Ψ : 866.8 $\pm$ 47.6
Dissociative J/Ψ : 218.2 $\pm$ 38.7
γ-Pb J/Ψ : 155.5 $\pm$ 36.0
Ψ(2s) : 26.7 $\pm$ 6.9
$\gamma\gamma \to \mu^+ \mu^-$ **: 173.7 $\pm$ 20.7**

N_{diss}/N_{exc} = 25.18 $\pm$ 5.24 %
$N_{\gamma\text{-}Pb}/N_{exc}$ = 17.94 $\pm$ 4.59 %

(data - fit)/σ for m distribution

(data - fit)/σ for p_T distribution