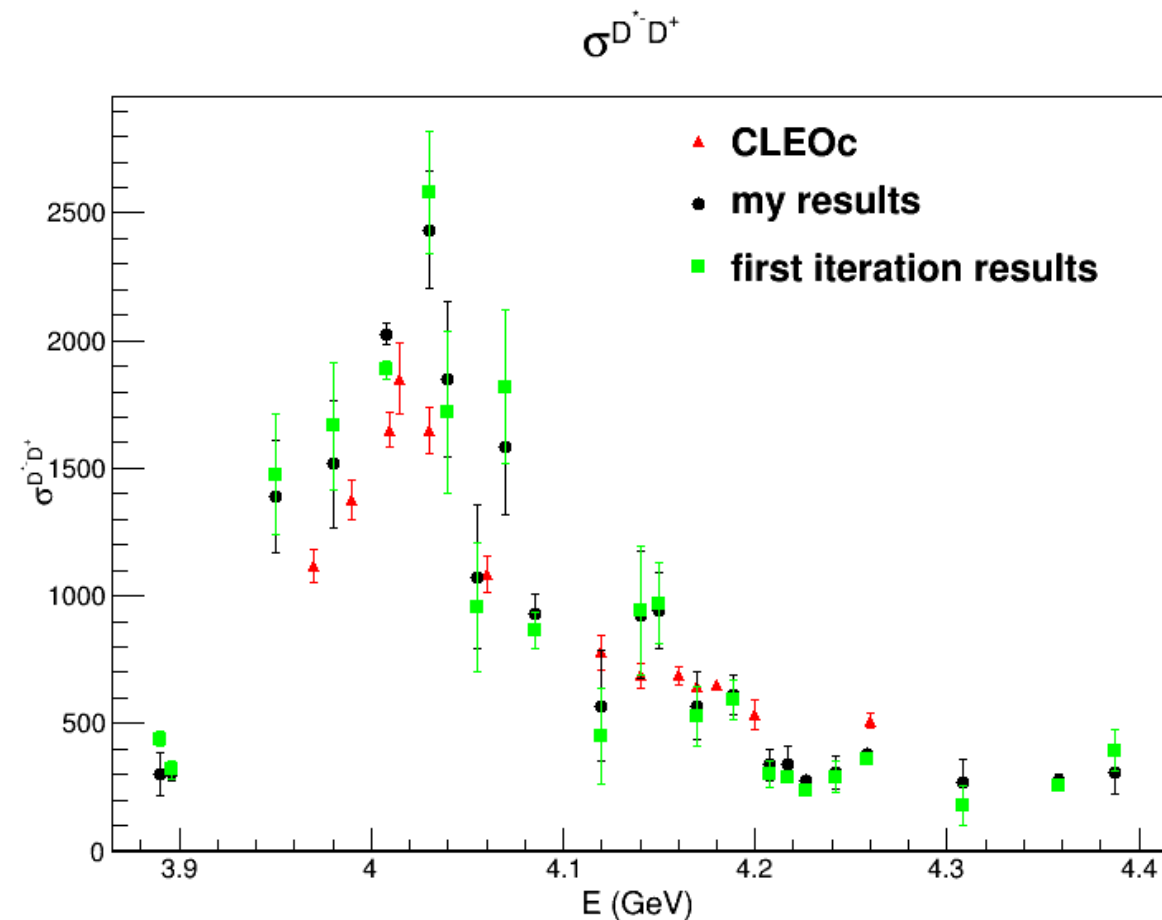
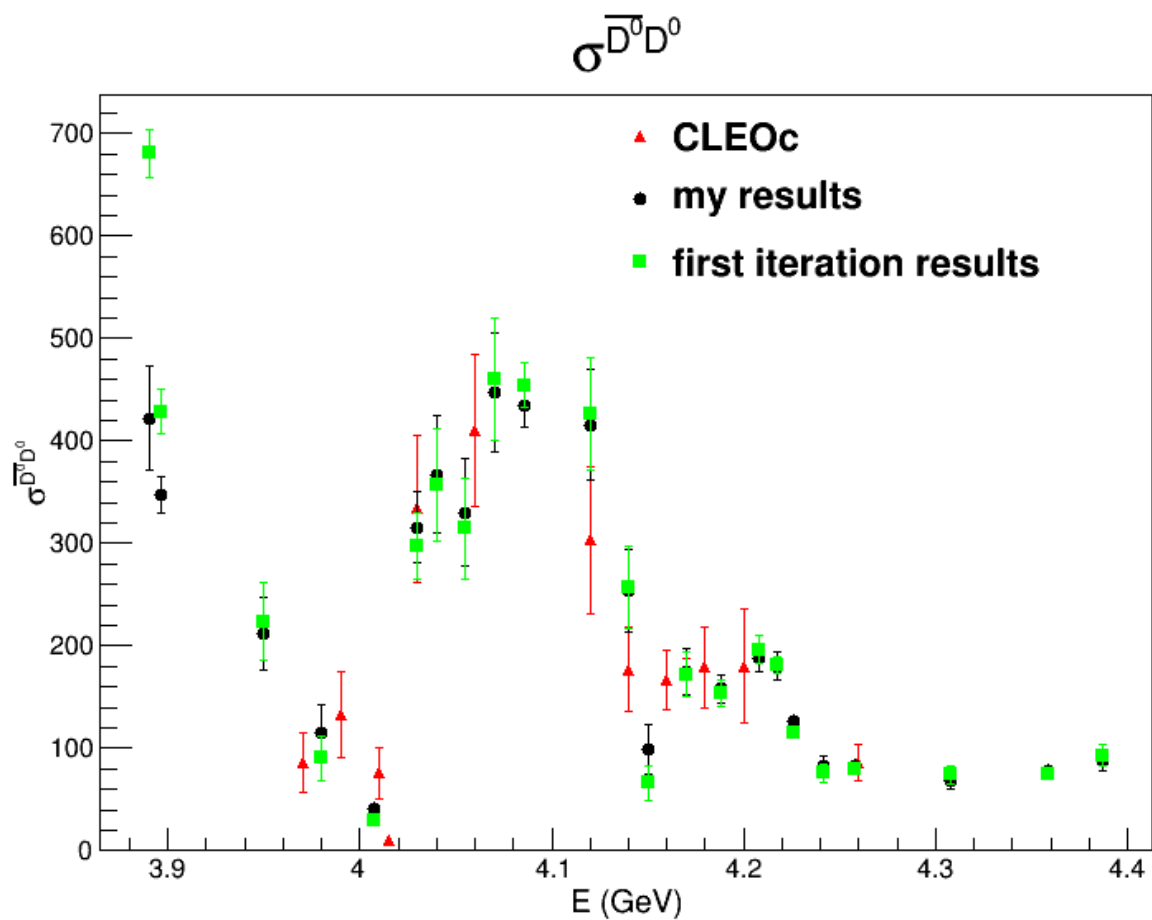
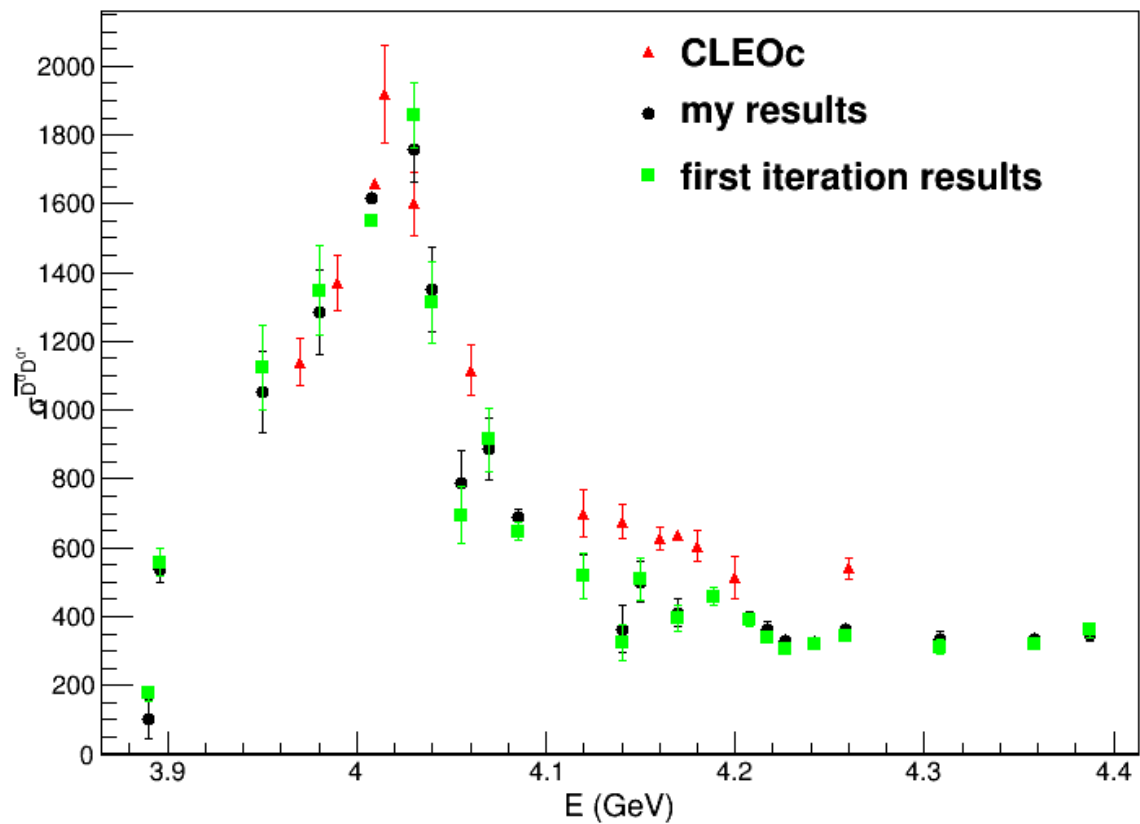
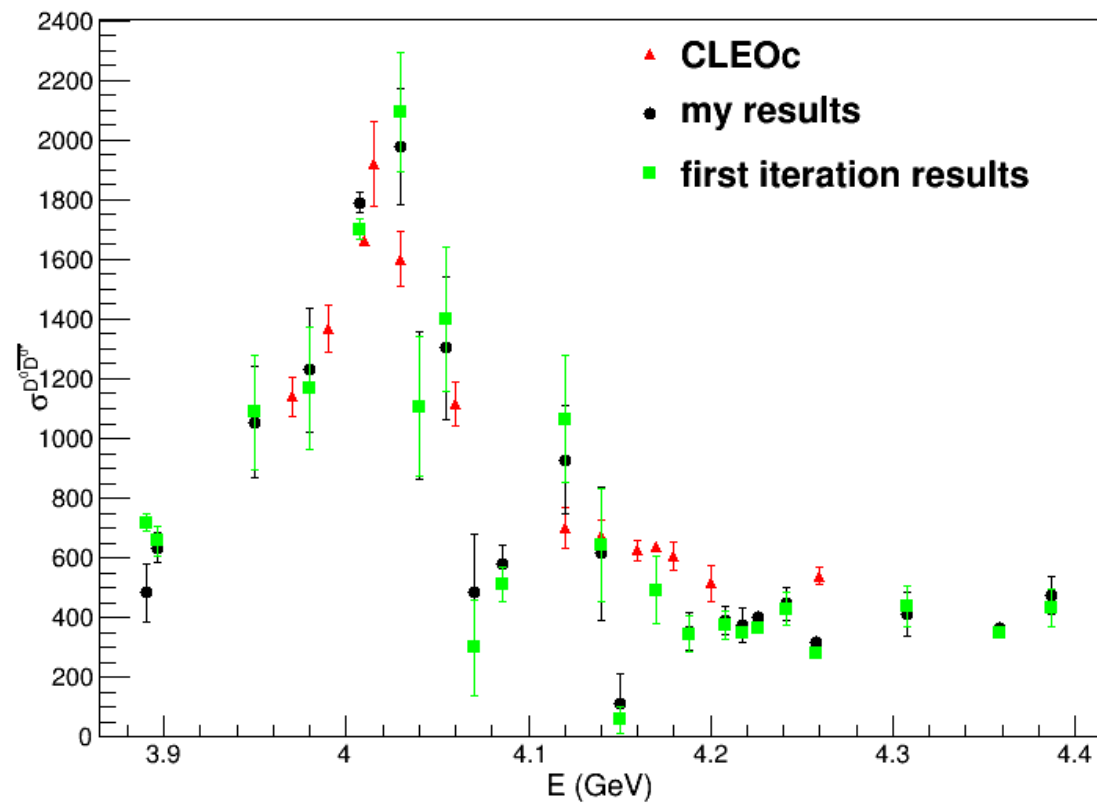


# Weekly report

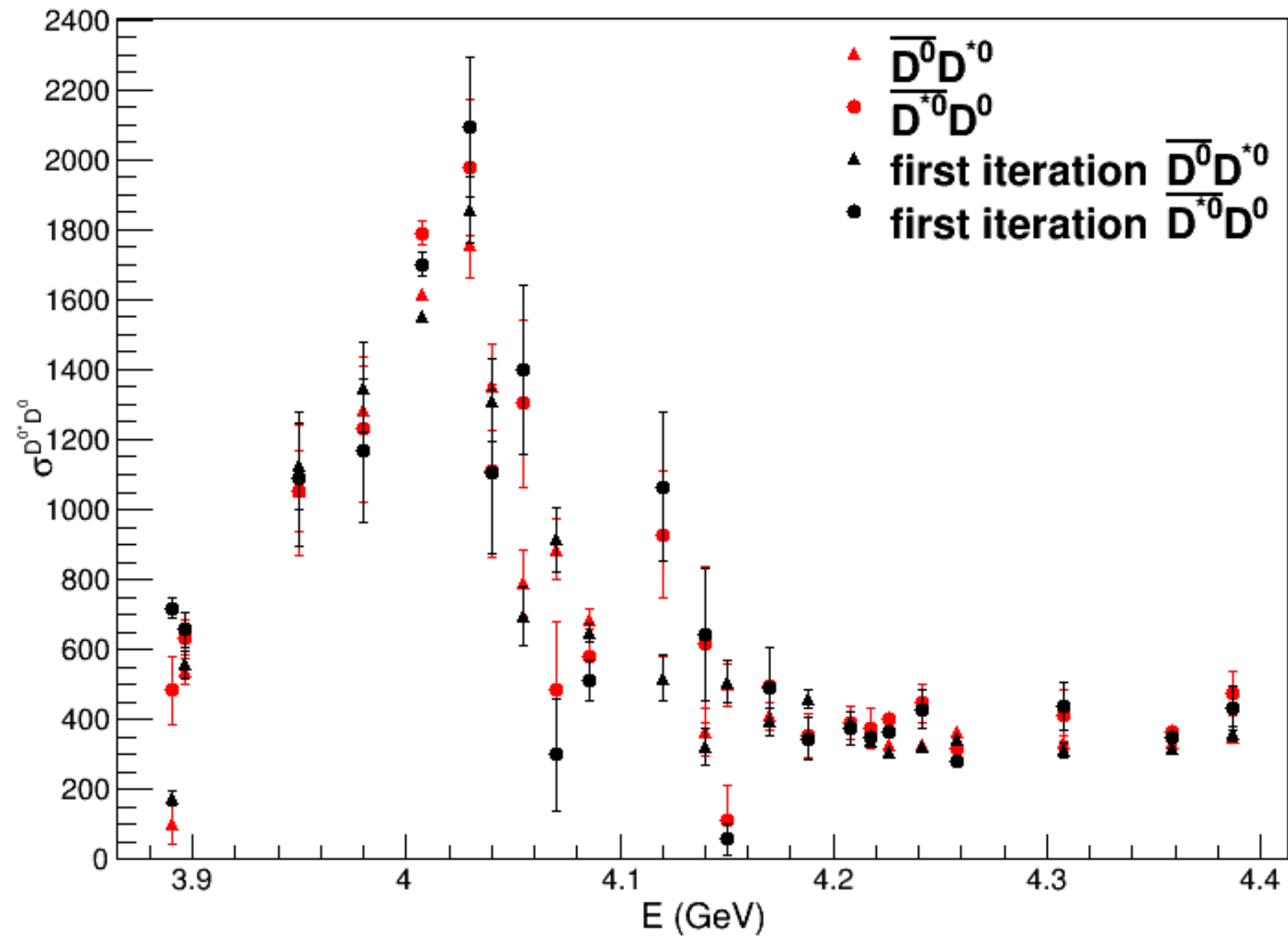
Su Yumo  
2017.3.31

# Compare CLEOc results with mine



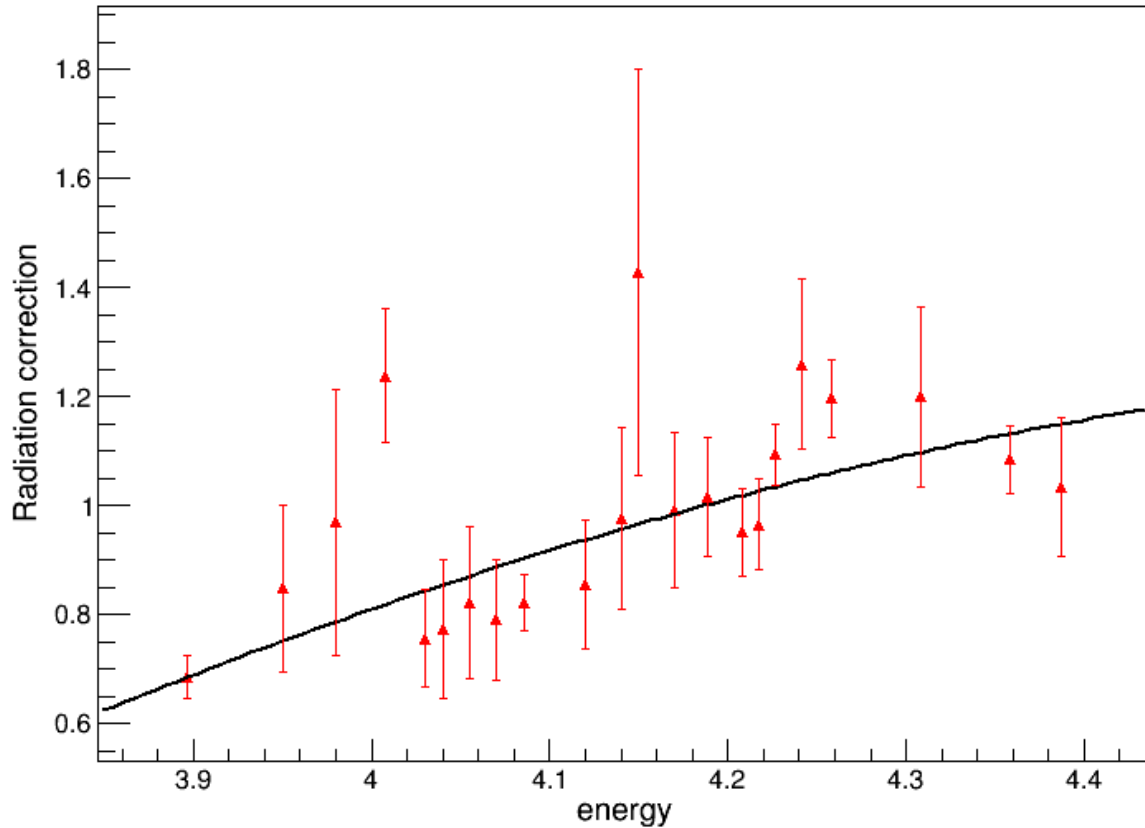
$\sigma_{D^0\bar{D}^{0*}}$  $\sigma_{D^0\bar{D}^{0*}}$ 

$$\sigma^{D^{0^*}D^0}$$

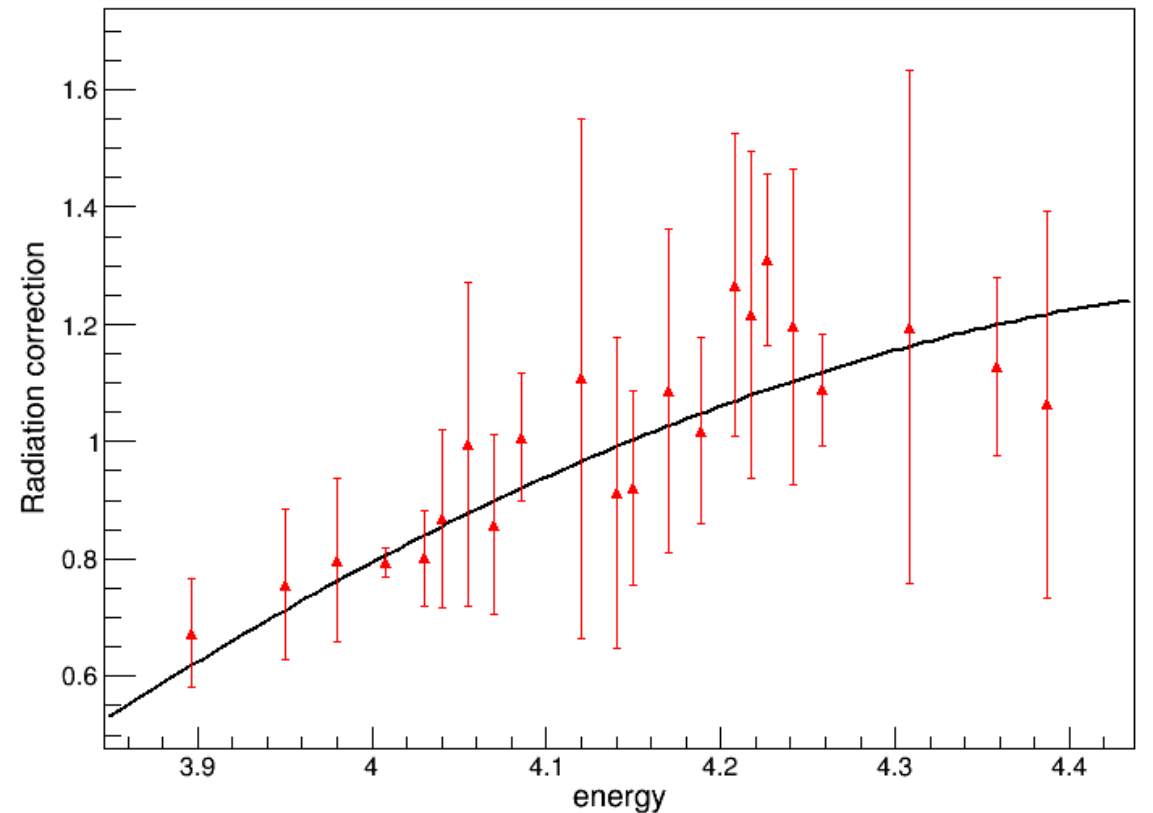


Radiation correction for  $e^+e^- \rightarrow \overline{D^0}D^0$ ,  $\overline{D^0}D^{0*}$  and  $D^{*-}D^+$  as a function of center-of-mass energy

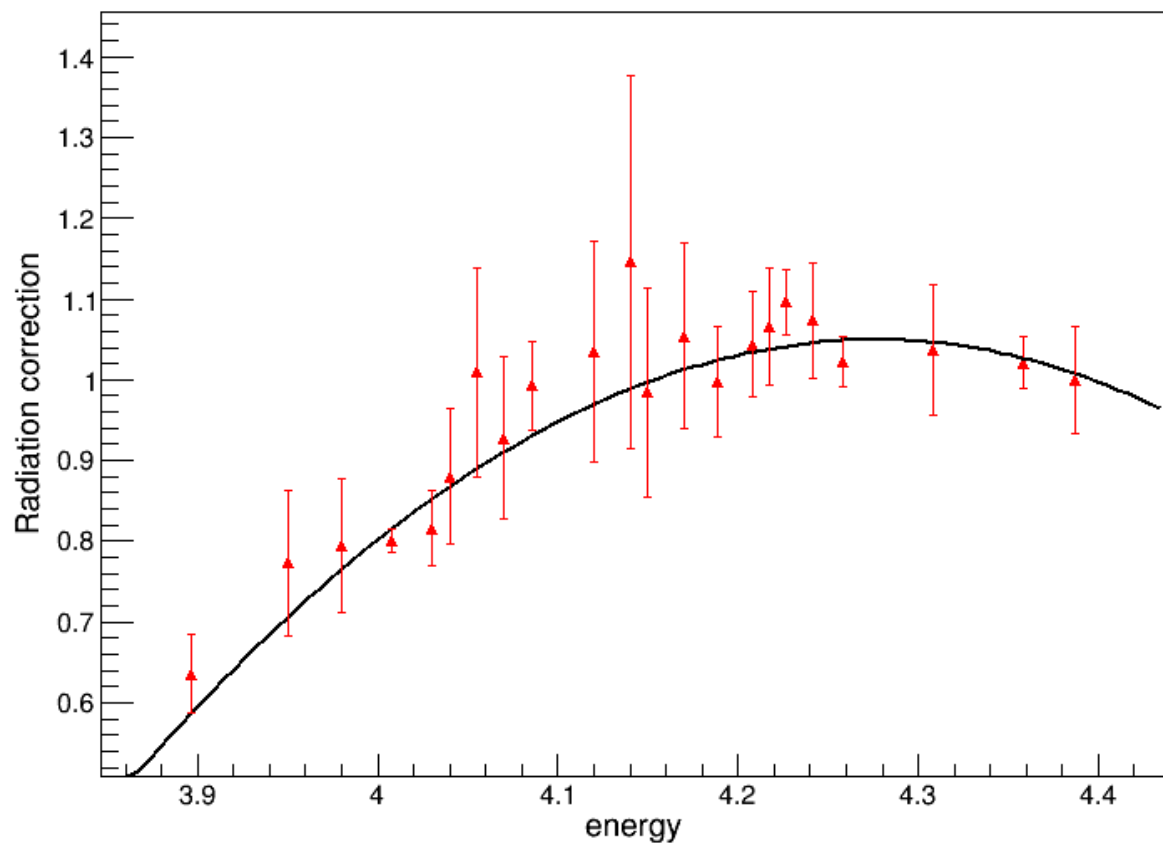
Radiation correction of  $\overline{D^0}D^0$



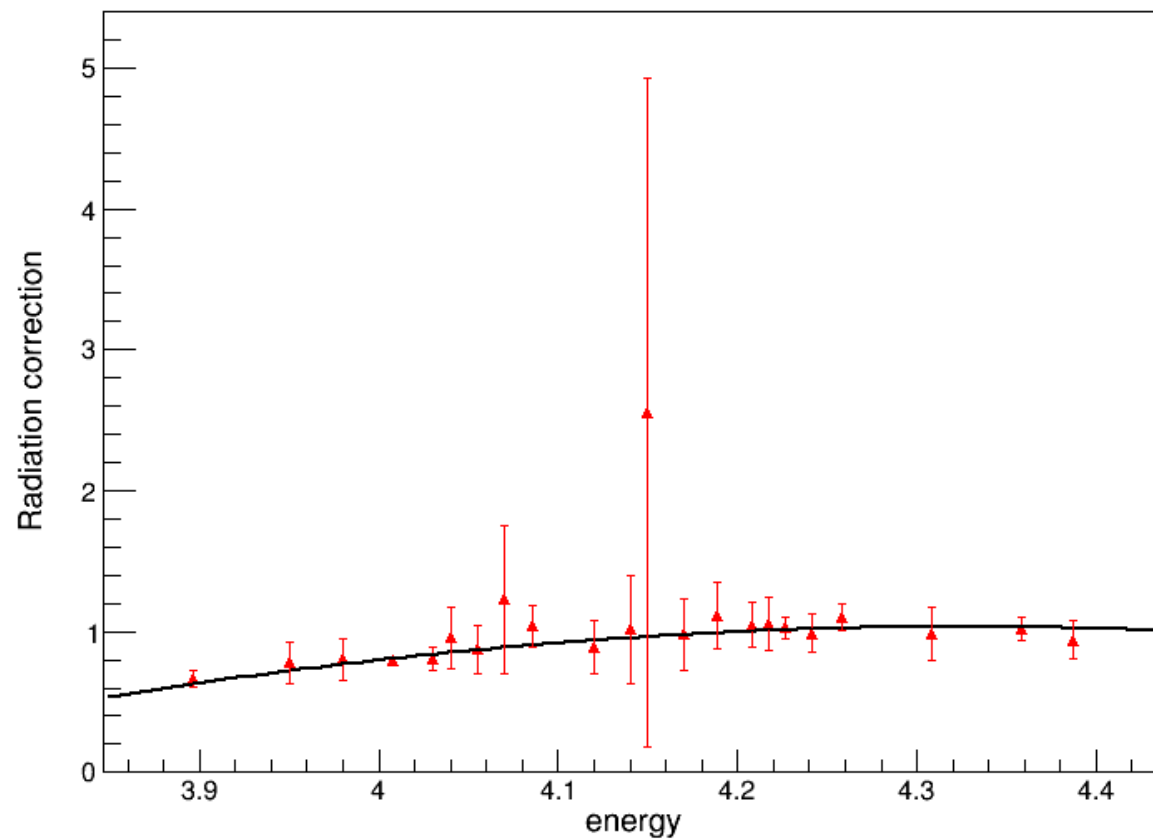
Radiation correction of  $D^{*-}D^+$



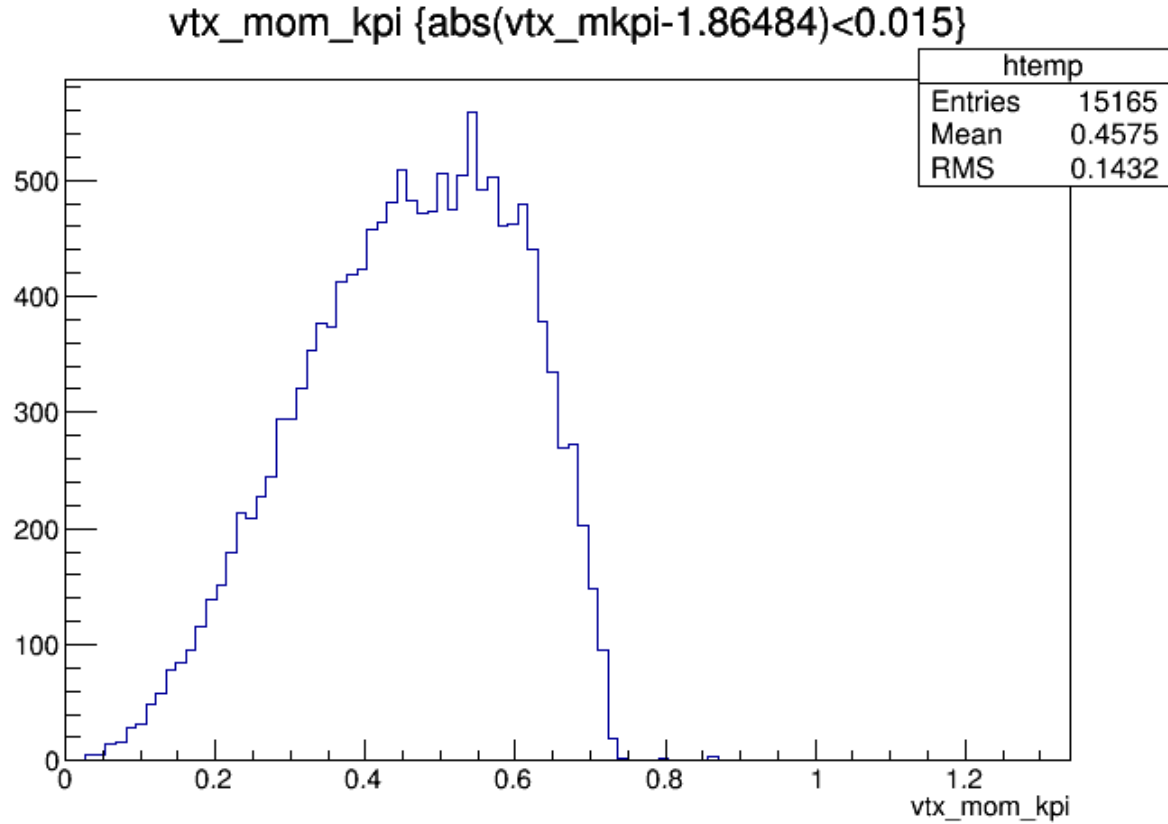
Radiation correction of  $\overline{D}^0 D^{*0}$



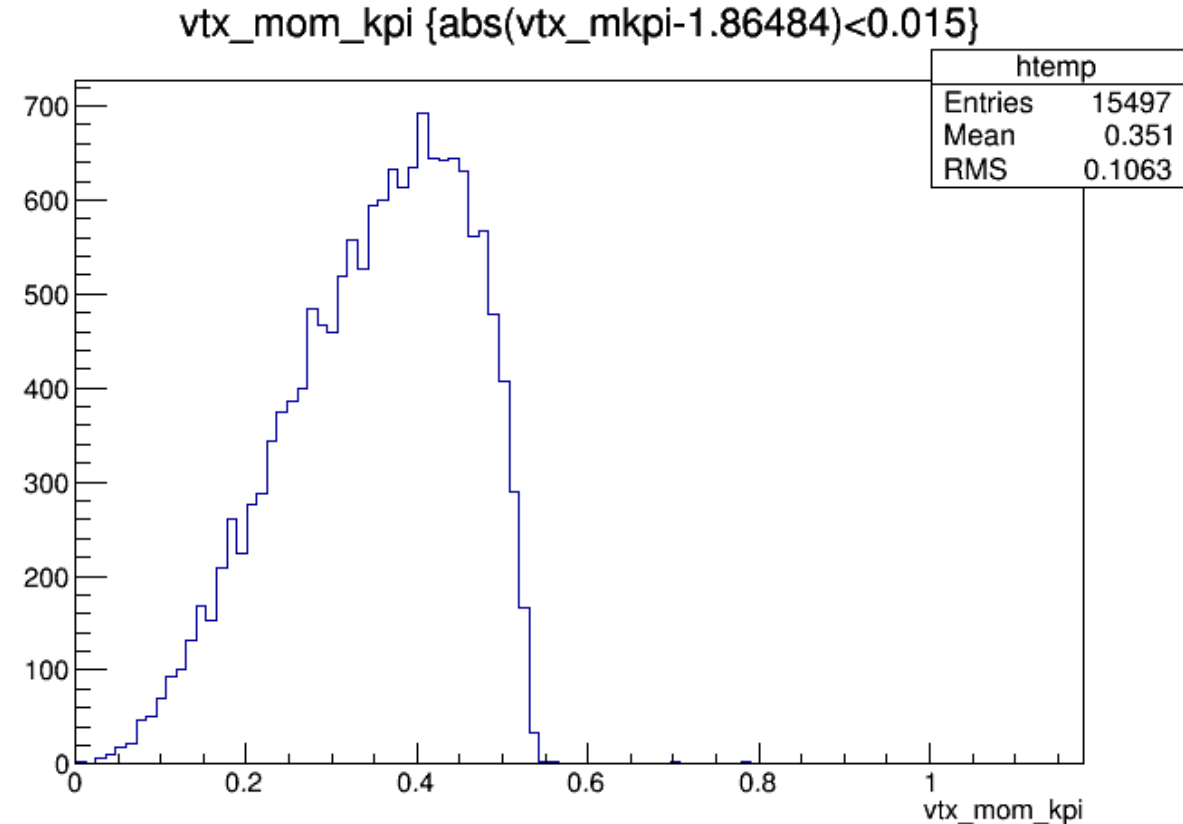
Radiation correction of  $\overline{D}^{*0} D^0$



# Momentum spectra in MC at 4010MeV for $e^+e^- \rightarrow \overline{D^0}D^0\gamma$ , $\overline{D^0}D^0\pi^0$ and $\overline{D^0}D^{0*}\gamma$

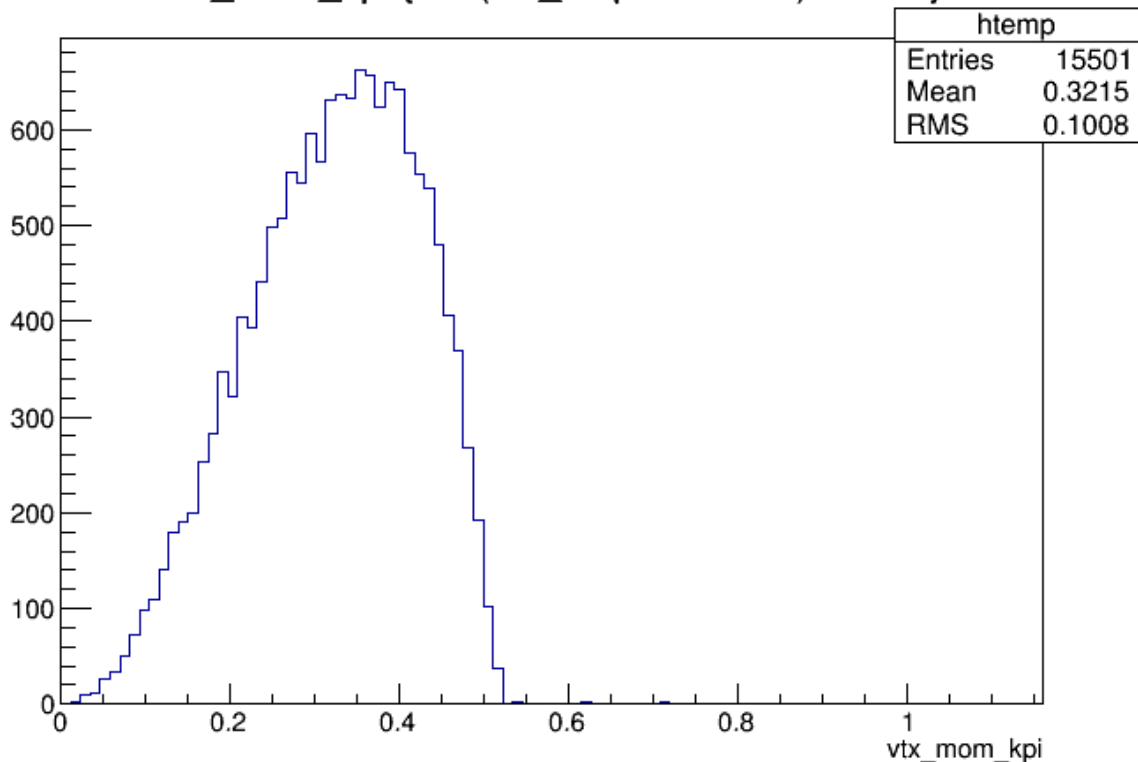


$$e^+e^- \rightarrow \overline{D^0}D^0\gamma$$

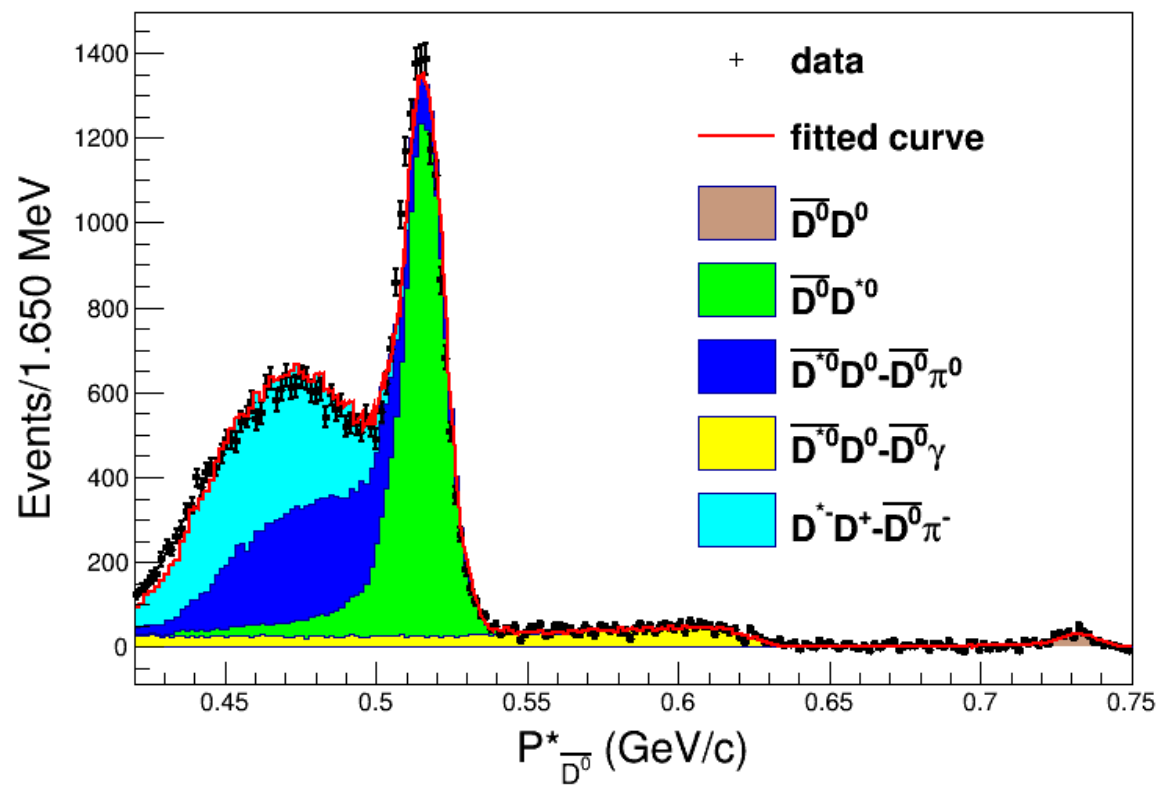


$$e^+e^- \rightarrow \overline{D^0}D^0\pi^0$$

vtx\_mom\_kpi {abs(vtx\_mkpi-1.86484)<0.015}

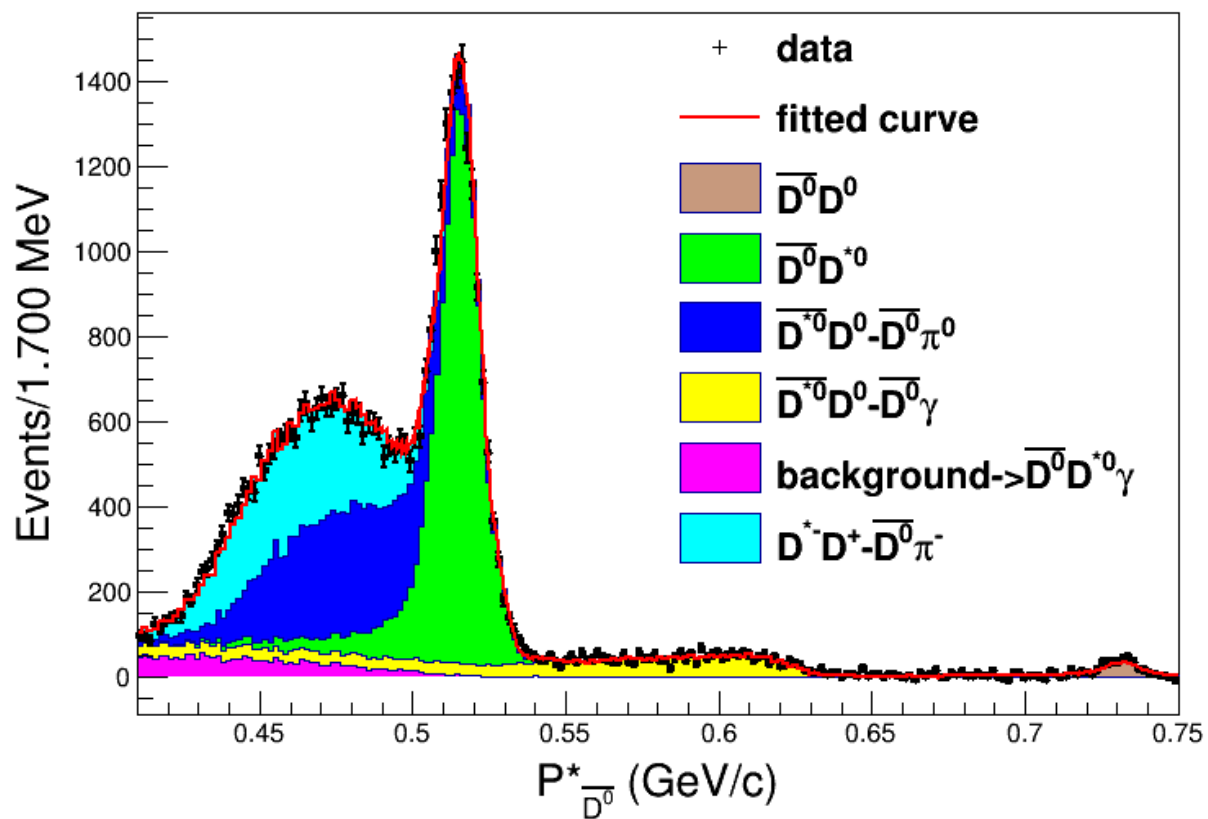


$$e^+e^- \rightarrow \overline{D^0}D^{0*}\gamma$$

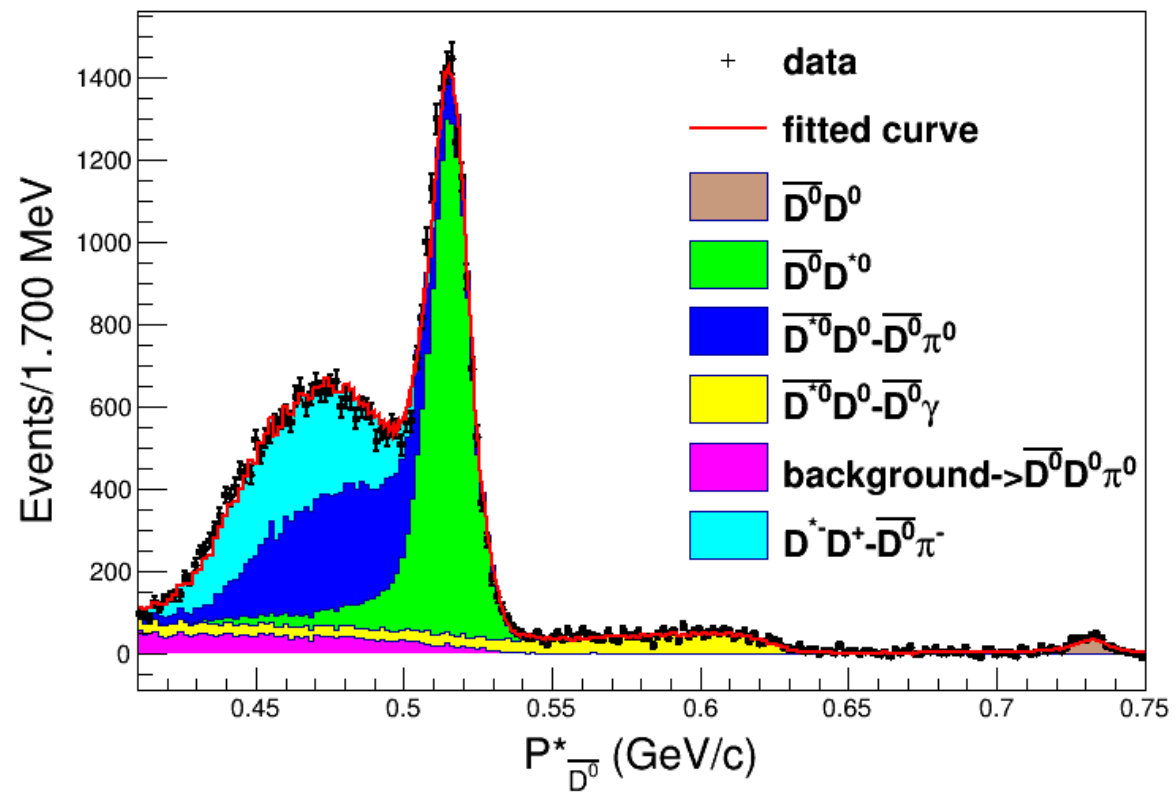


$$\chi^2/NDF=2.32$$

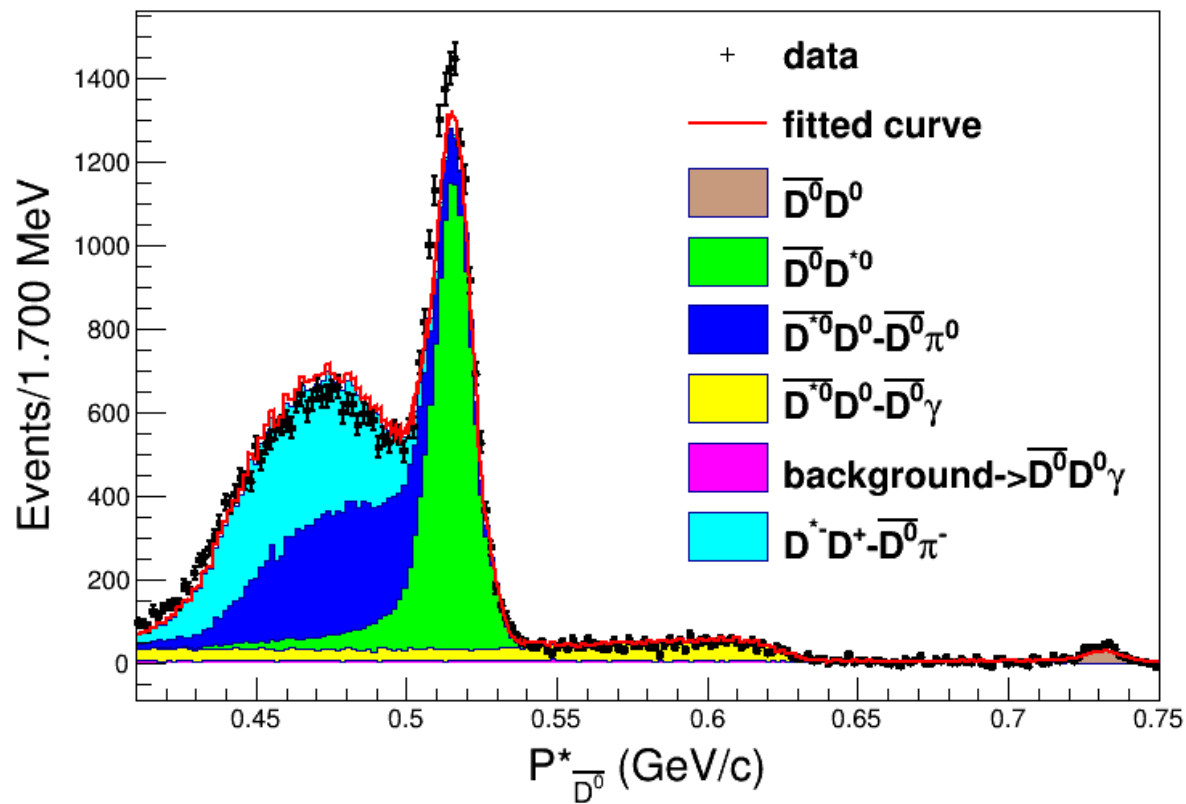




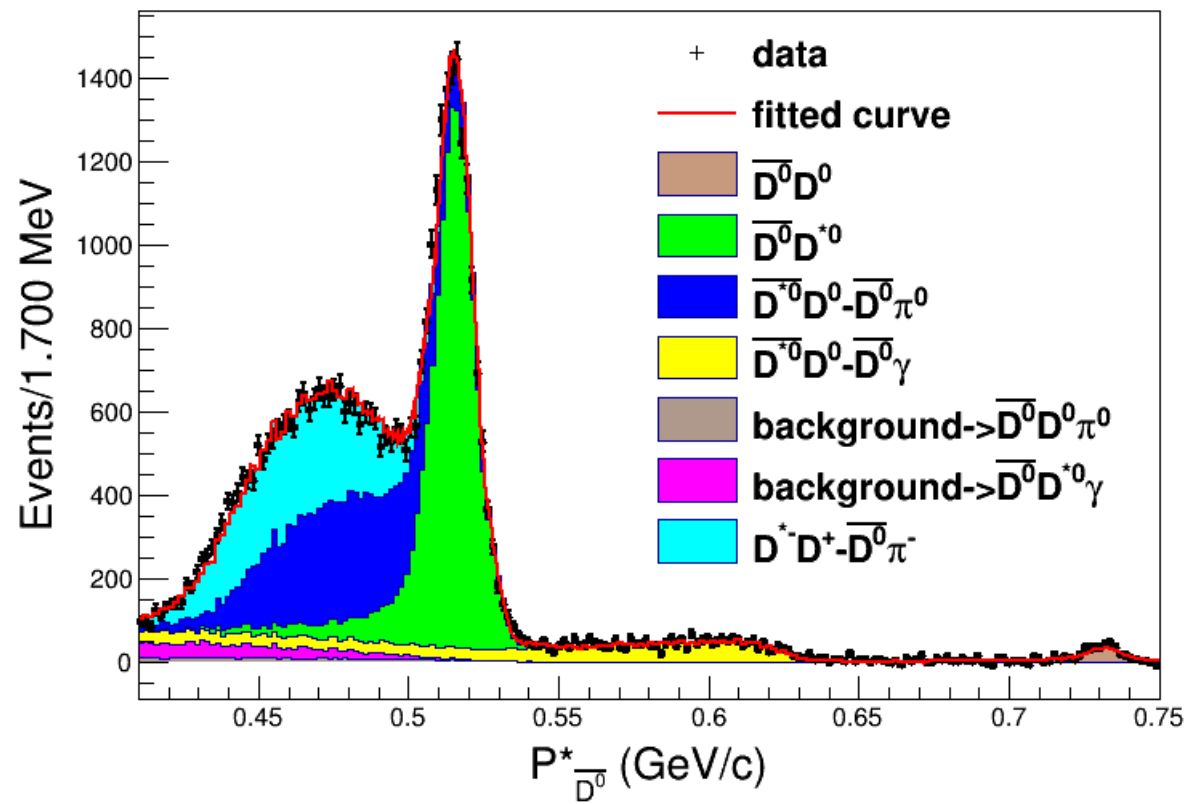
$\chi^2/NDF=1.438$



$\chi^2/NDF=1.512$



$\chi^2/NDF=2.944$



$\chi^2/NDF=1.447$