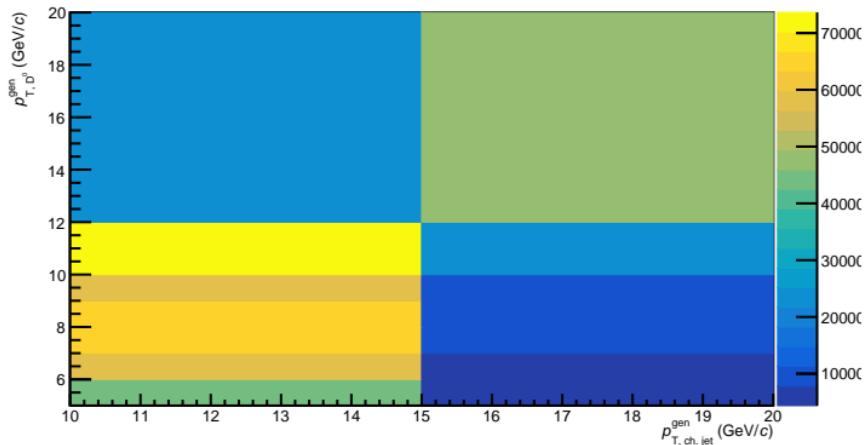
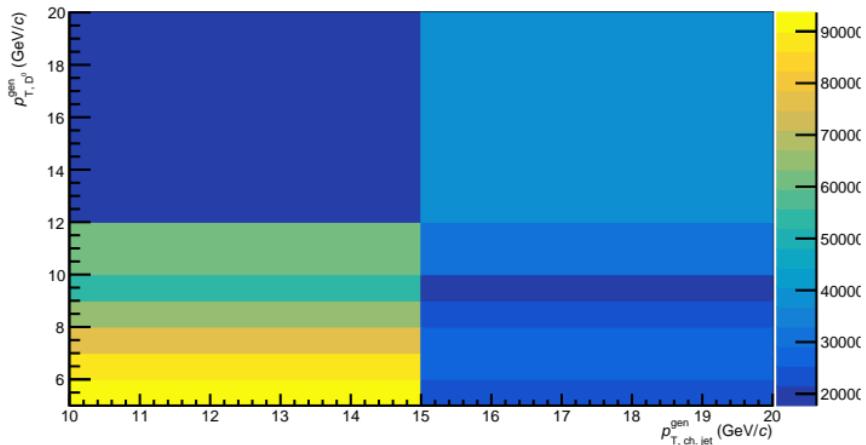


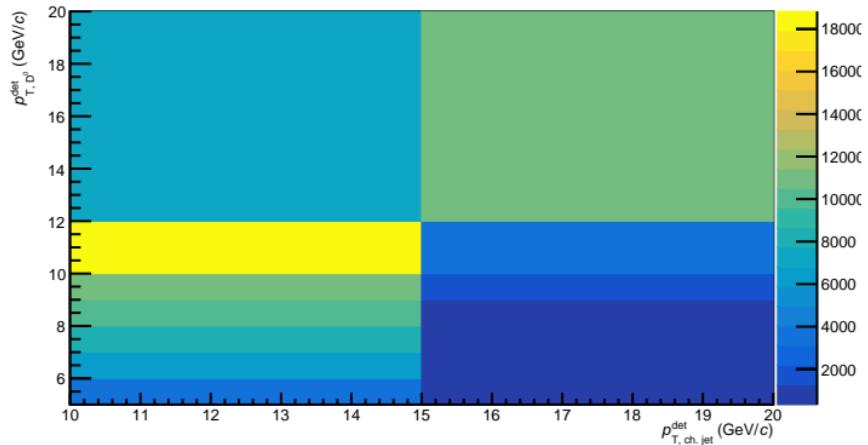
Particle level data prompt yield distribution



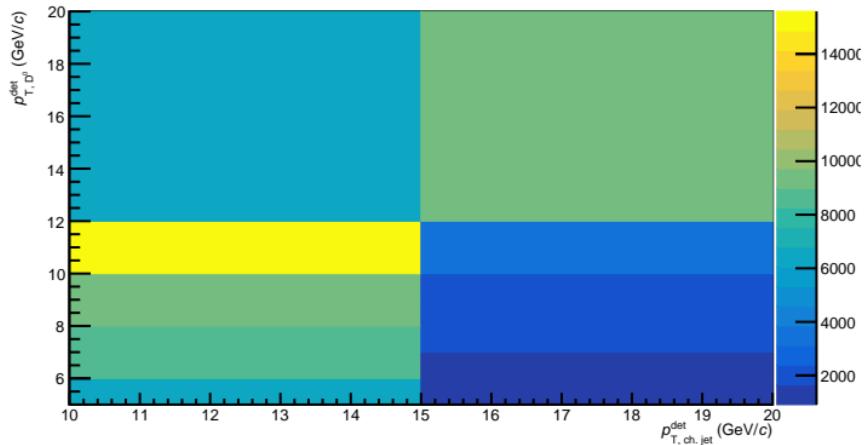
Particle level data non-prompt yield distribution



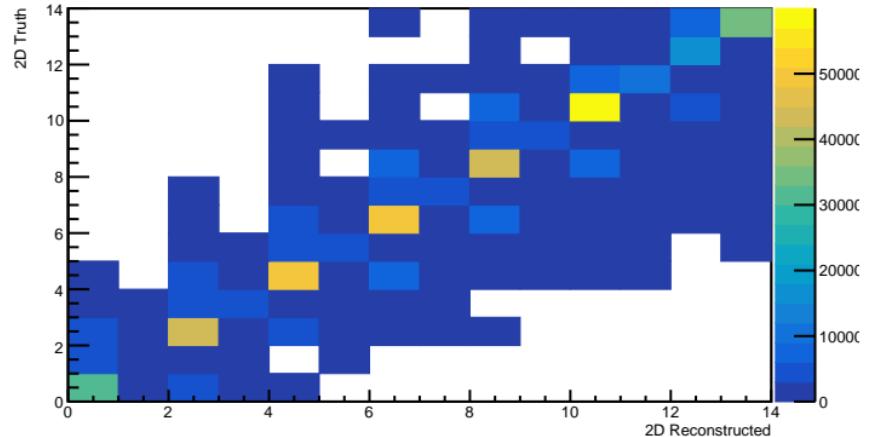
Detector level data prompt yield distribution



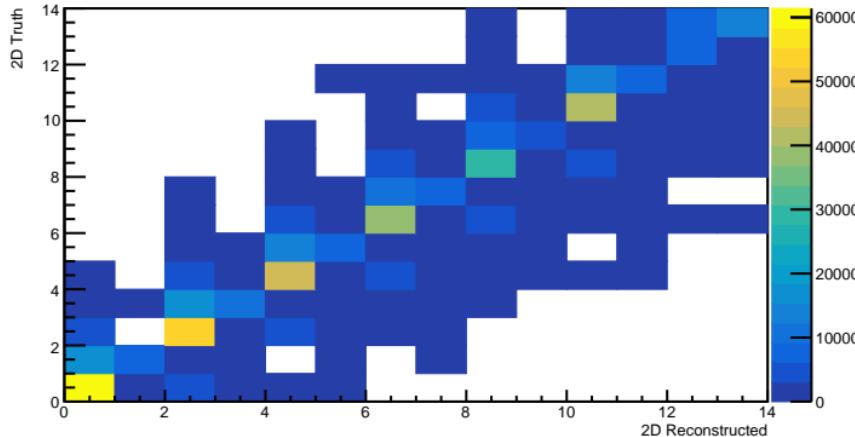
Detector level data non-prompt yield distribution

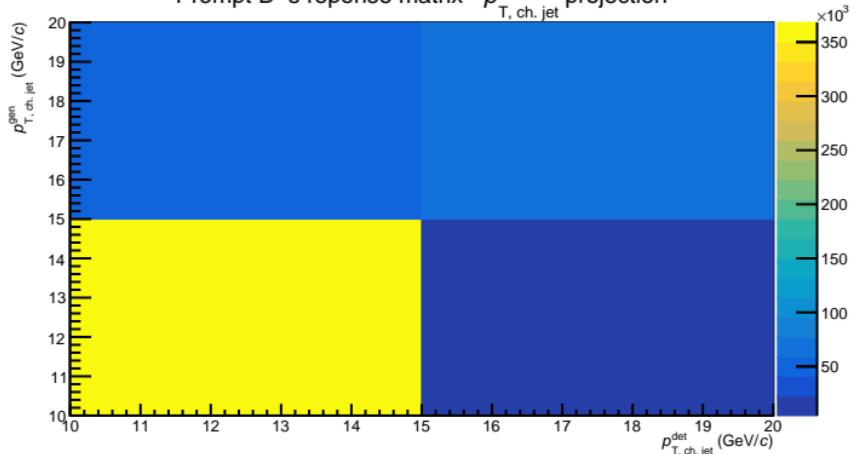
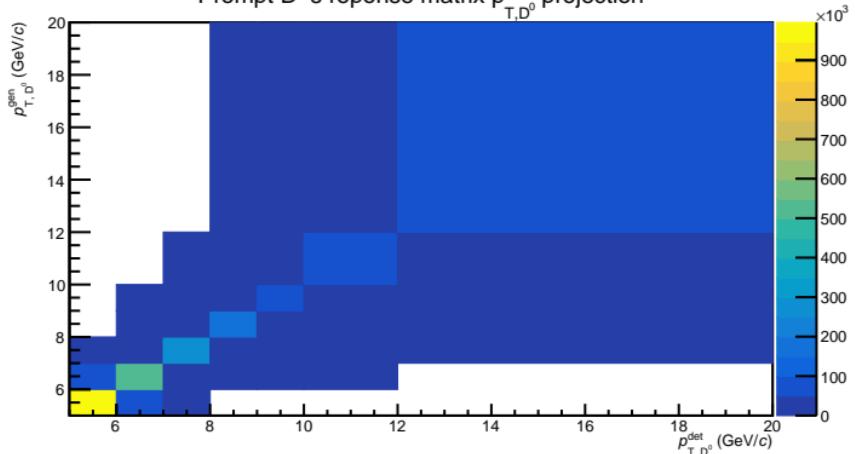
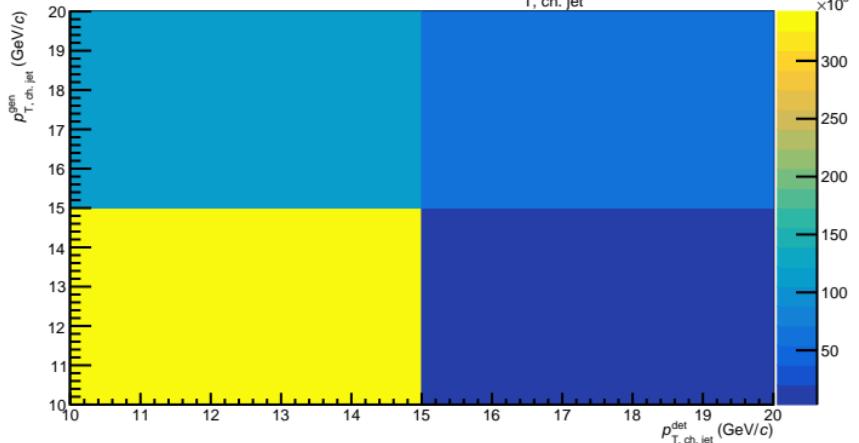
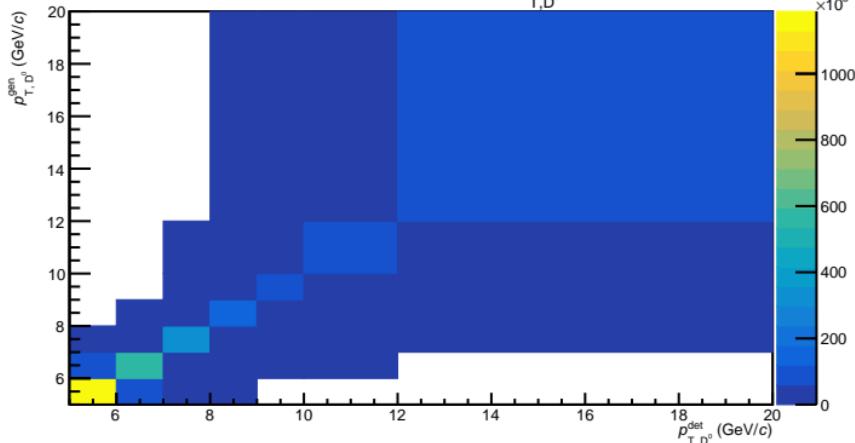


2D response matrix from 4D RooUnfoldResponse - prompt  $D^0$ 's

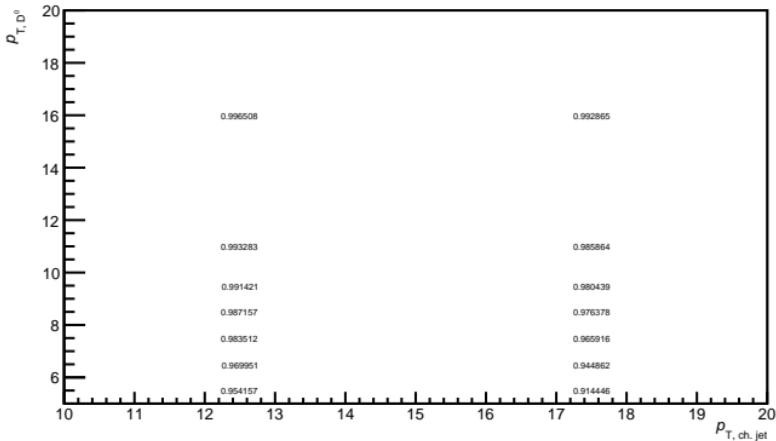


2D response matrix from 4D RooUnfoldResponse - non-prompt  $D^0$ 's

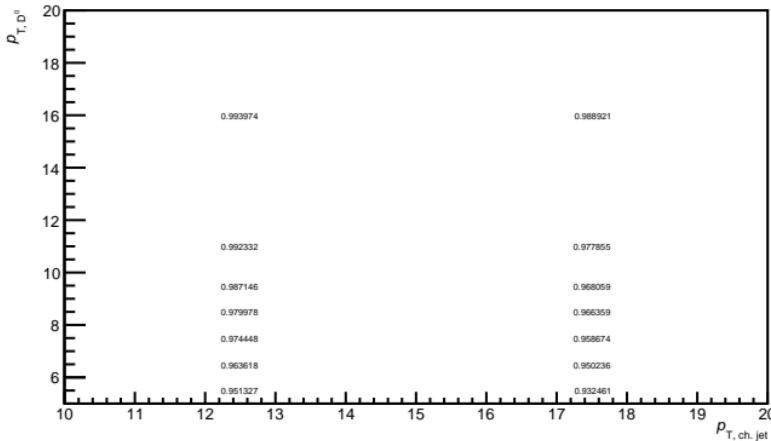


Prompt D<sup>0</sup>'s reponse matrix  $p_{T, \text{ch. jet}}$  projectionPrompt D<sup>0</sup>'s reponse matrix  $p_{T, D^0}$  projectionNon-prompt D<sup>0</sup>'s reponse matrix  $p_{T, \text{ch. jet}}$  projectionNon-prompt D<sup>0</sup>'s reponse matrix  $p_{T, D^0}$  projection

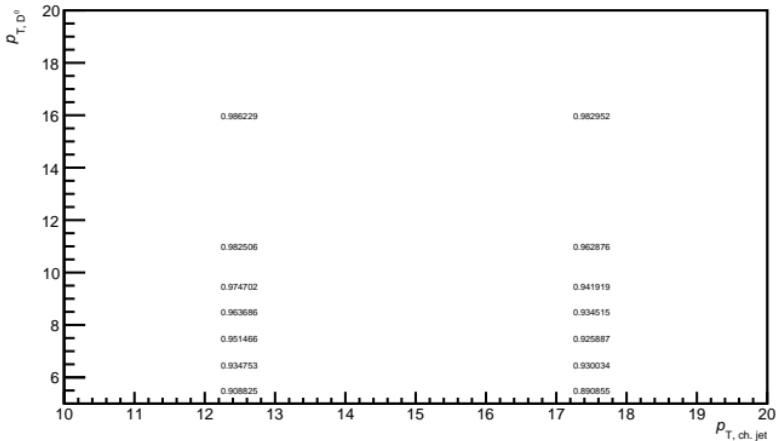
$\varepsilon_{\text{kinematic}}$  of particle level prompt D0s



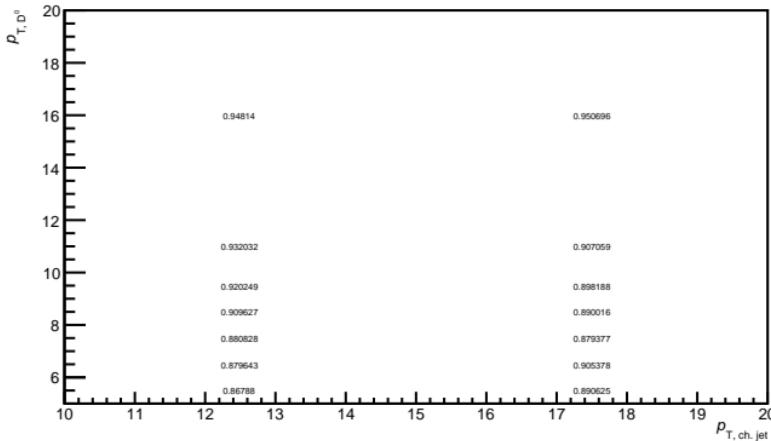
$\varepsilon_{\text{kinematic}}$  of particle level non-prompt D0s



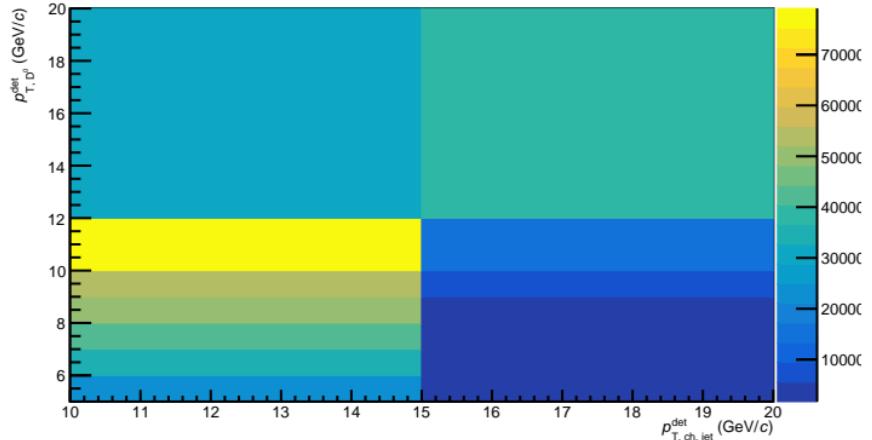
$\varepsilon_{\text{kinematic}}$  of detector level prompt D0s



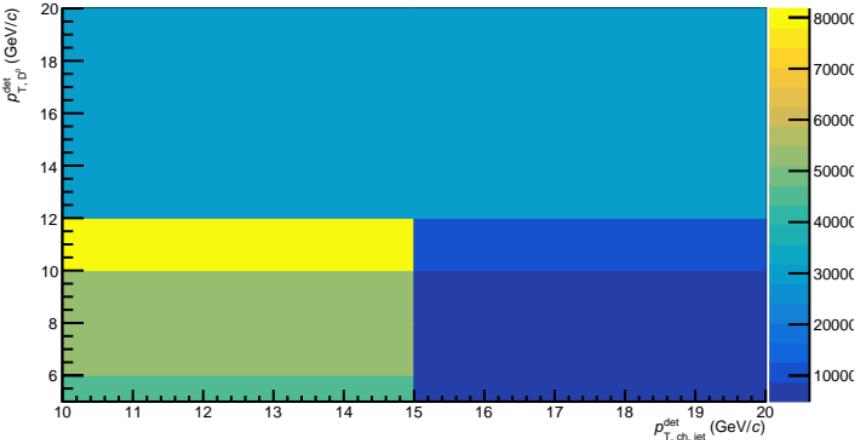
$\varepsilon_{\text{kinematic}}$  of detector level non-prompt D0s



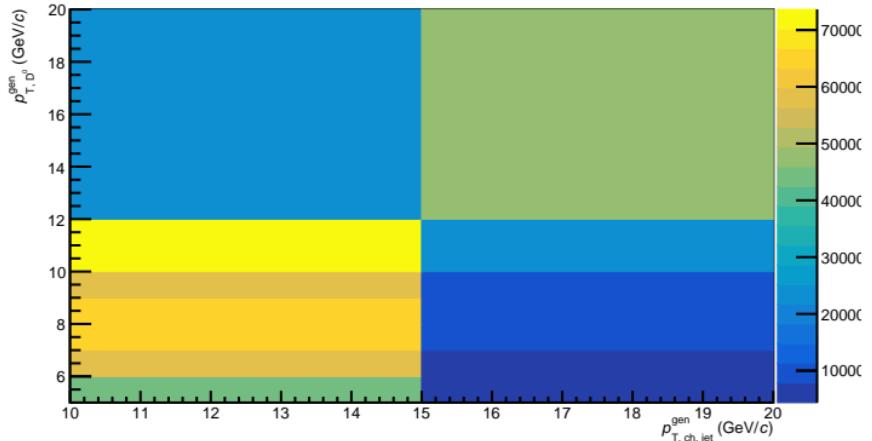
Corrected particle level data prompt yield distribution



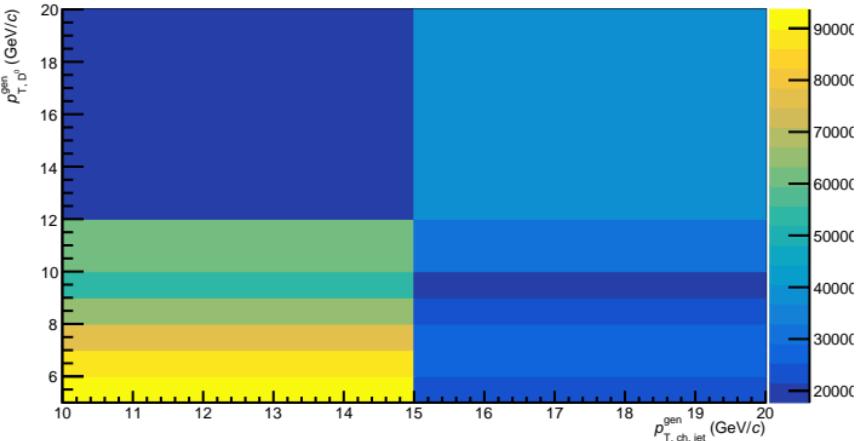
Corrected particle level data non-prompt yield distribution



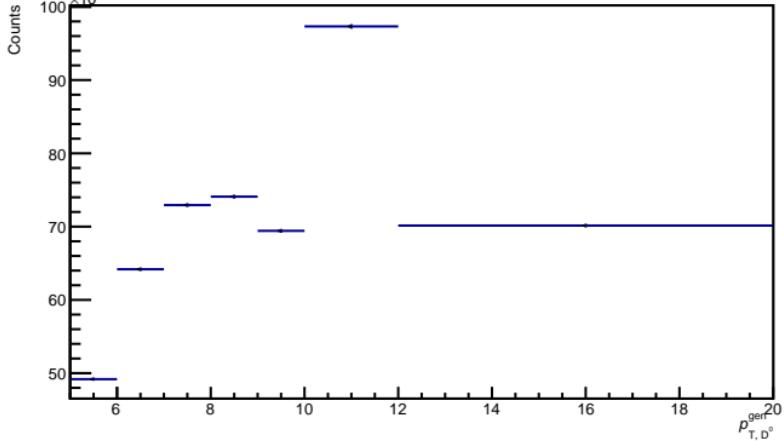
Particle level data prompt yield distribution



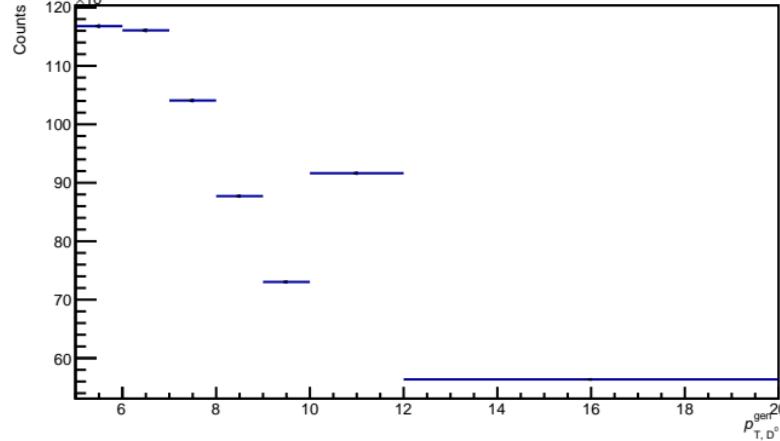
Particle level data non-prompt yield distribution



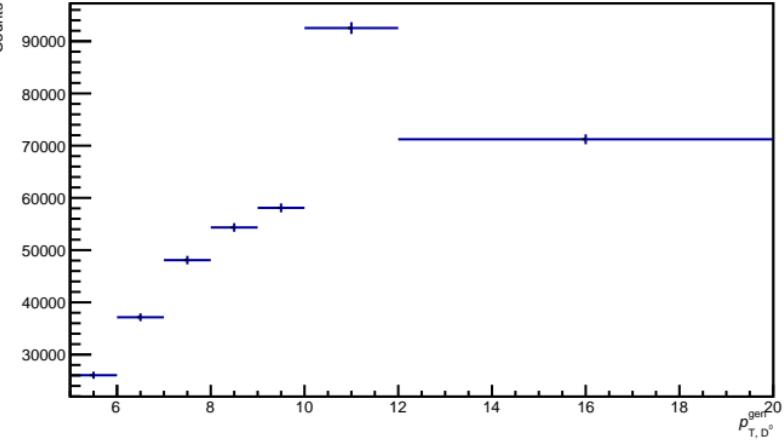
Denominator prompt  $D^0$   $p_T$  distribution before correction



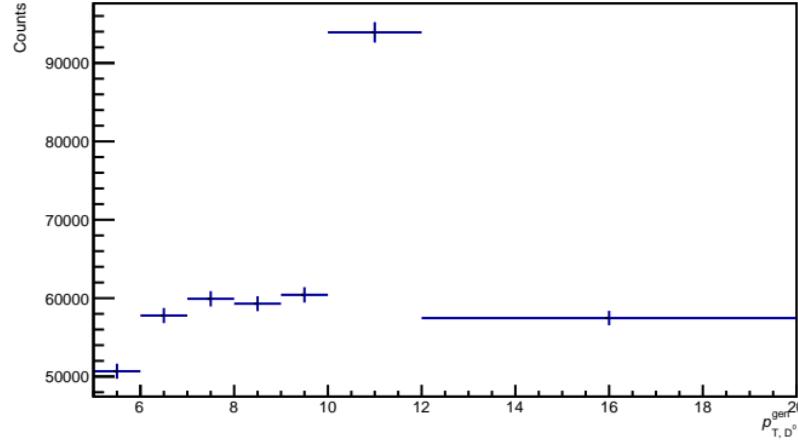
Denominator non-prompt  $D^0$   $p_T$  distribution before correction



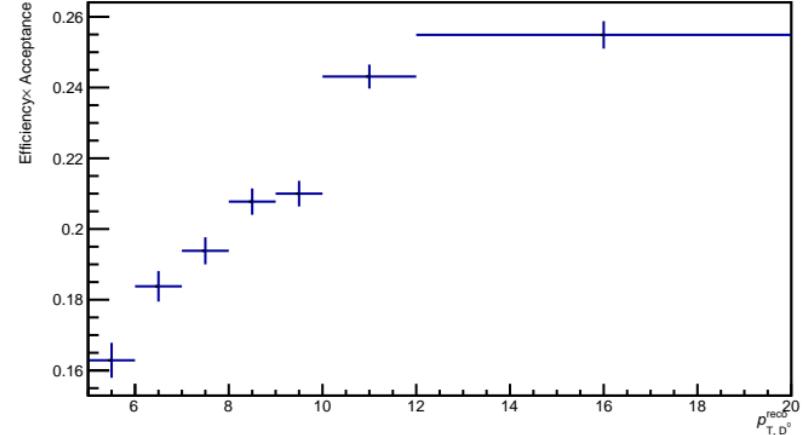
Denominator prompt  $D^0$   $p_T$  distribution after correction



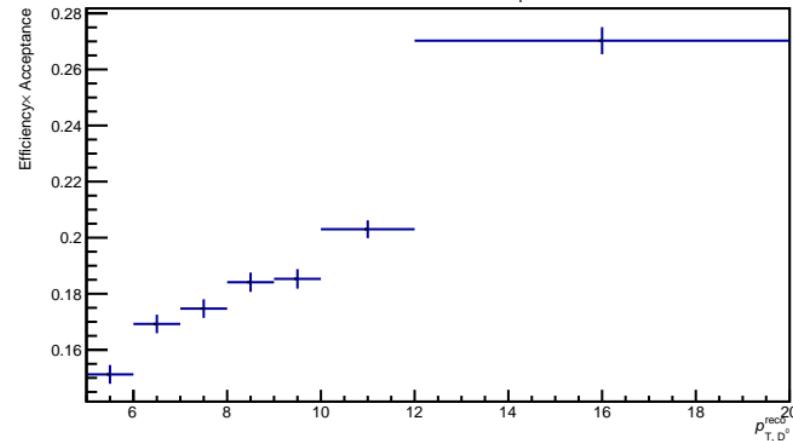
Denominator non-prompt  $D^0$   $p_T$  distribution after correction



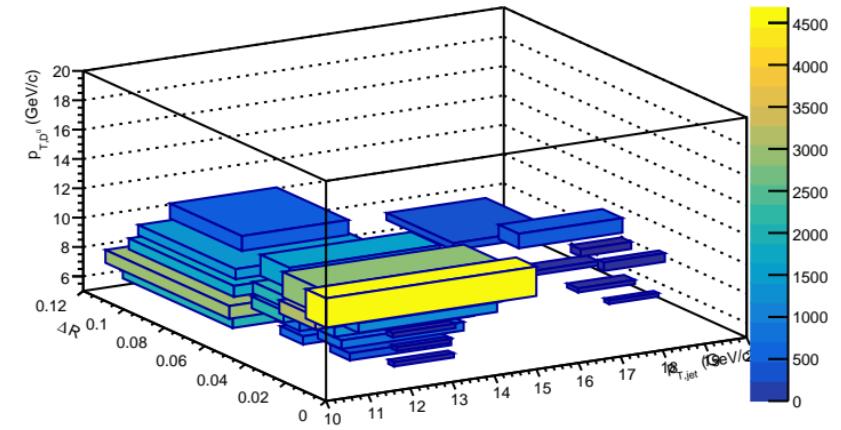
Efficiency prompt  $D^0$   $p_T$  distribution



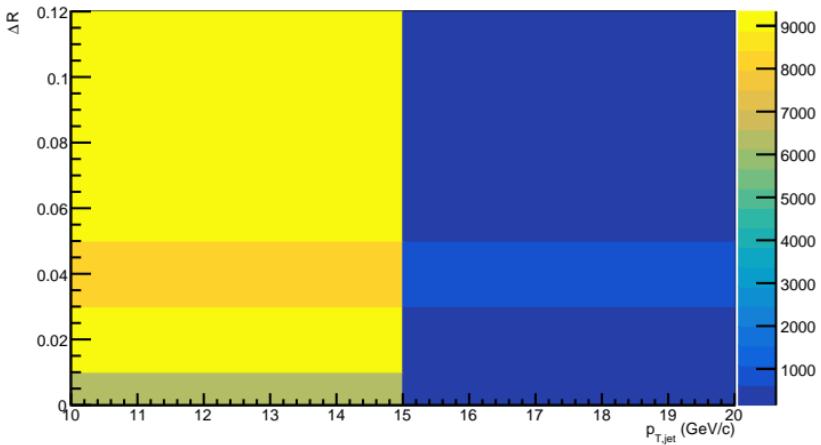
Efficiency non-prompt  $D^0$   $p_T$  distribution



Background subtracted, efficiency corrected



Background subtracted, efficiency corrected



Background subtracted, efficiency corrected

