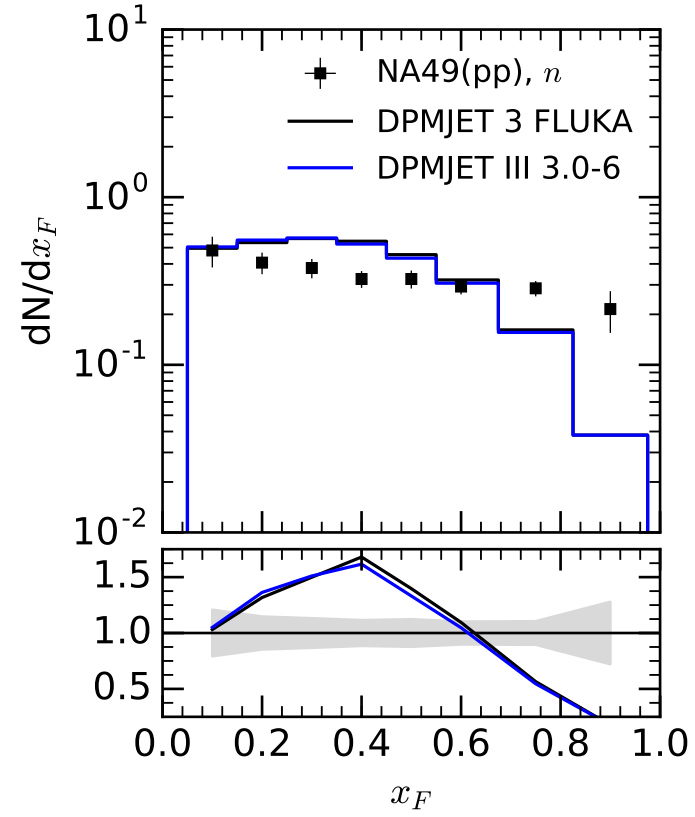
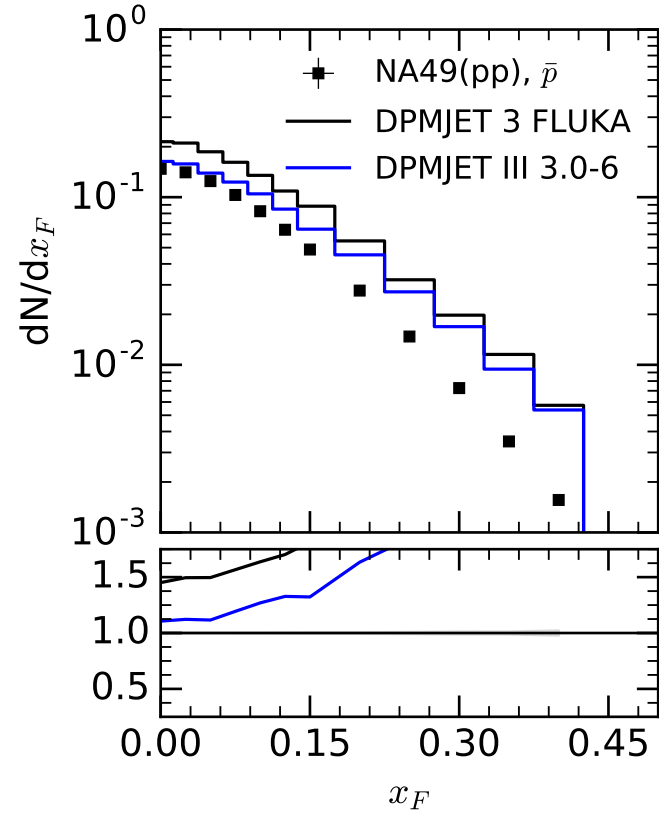
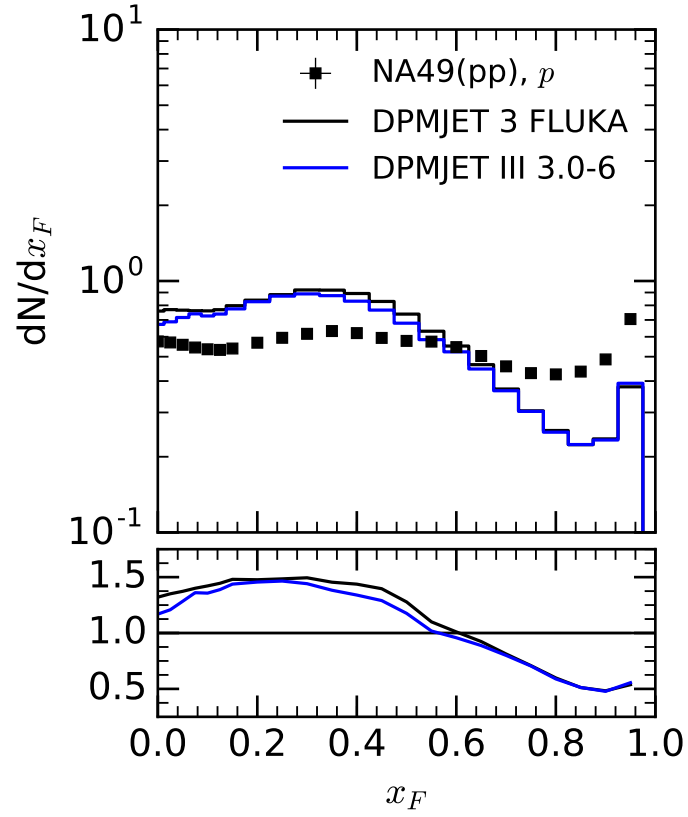
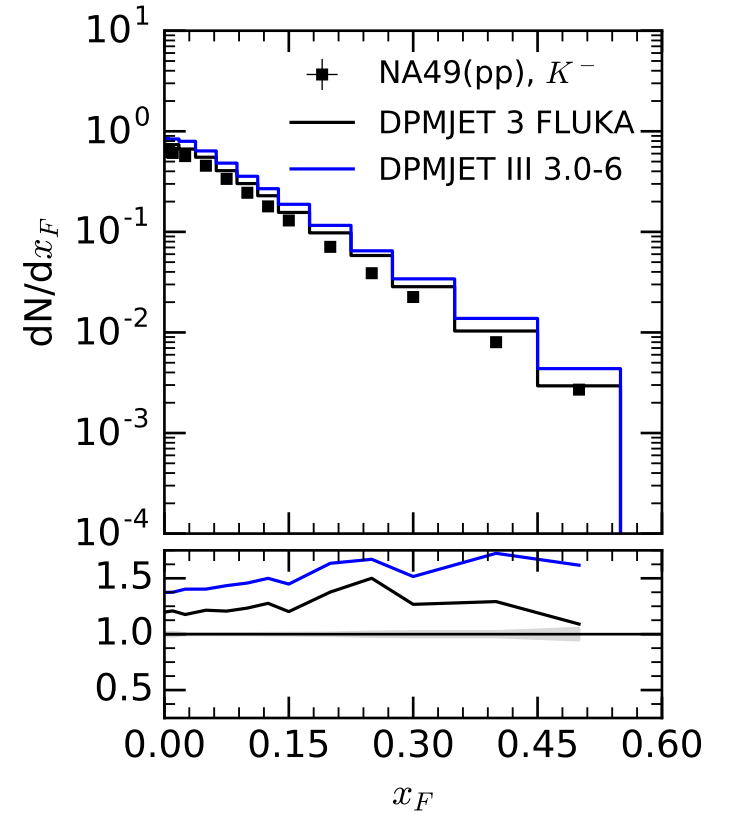
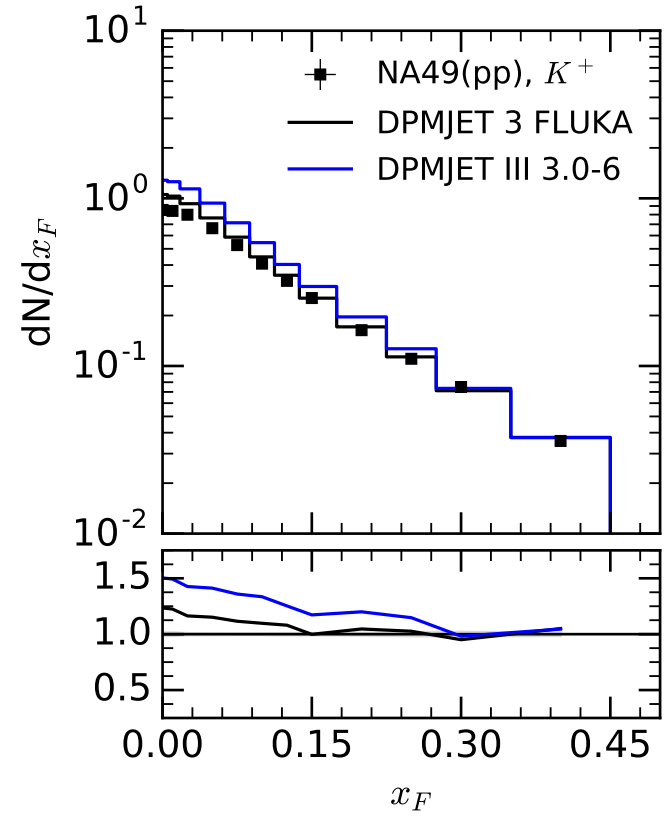
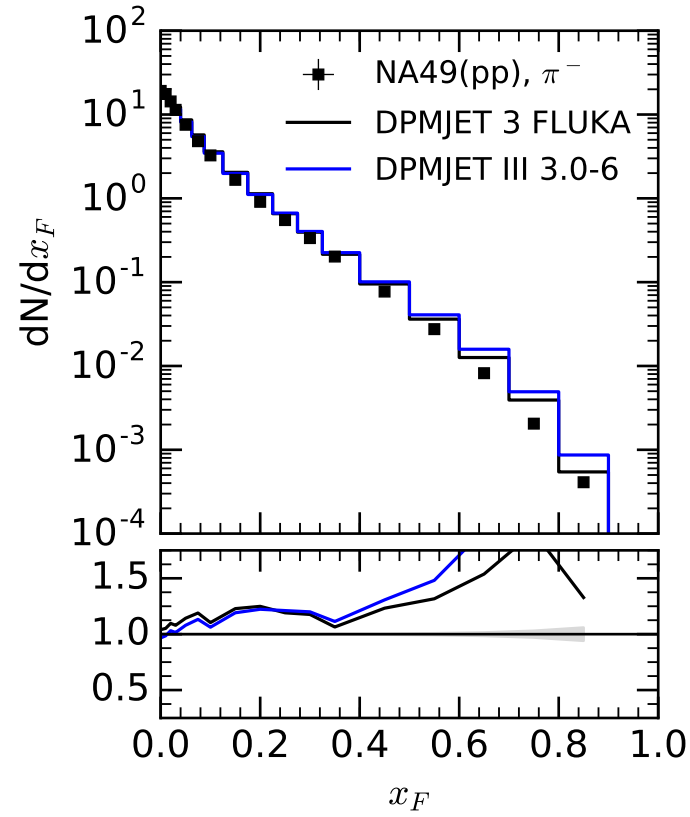
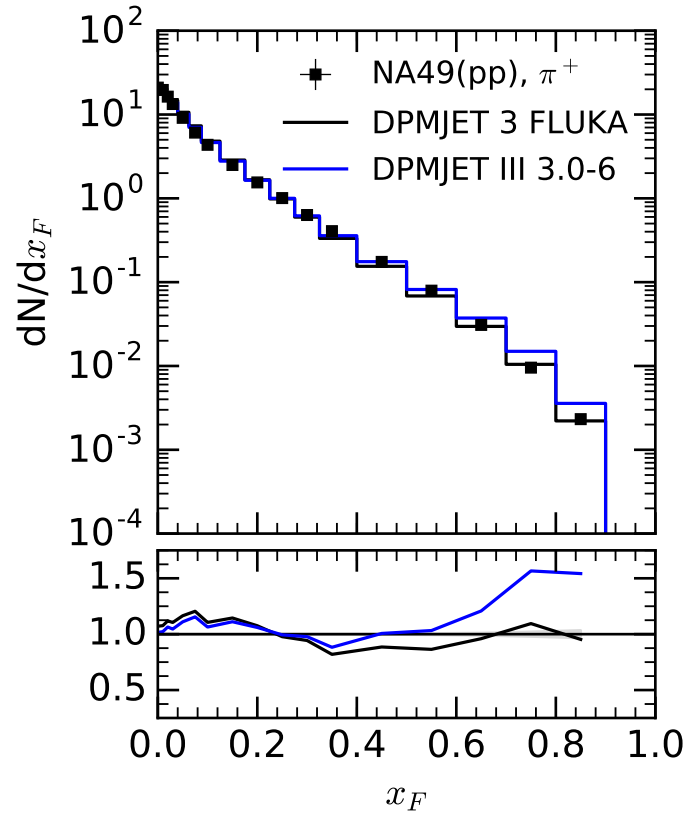
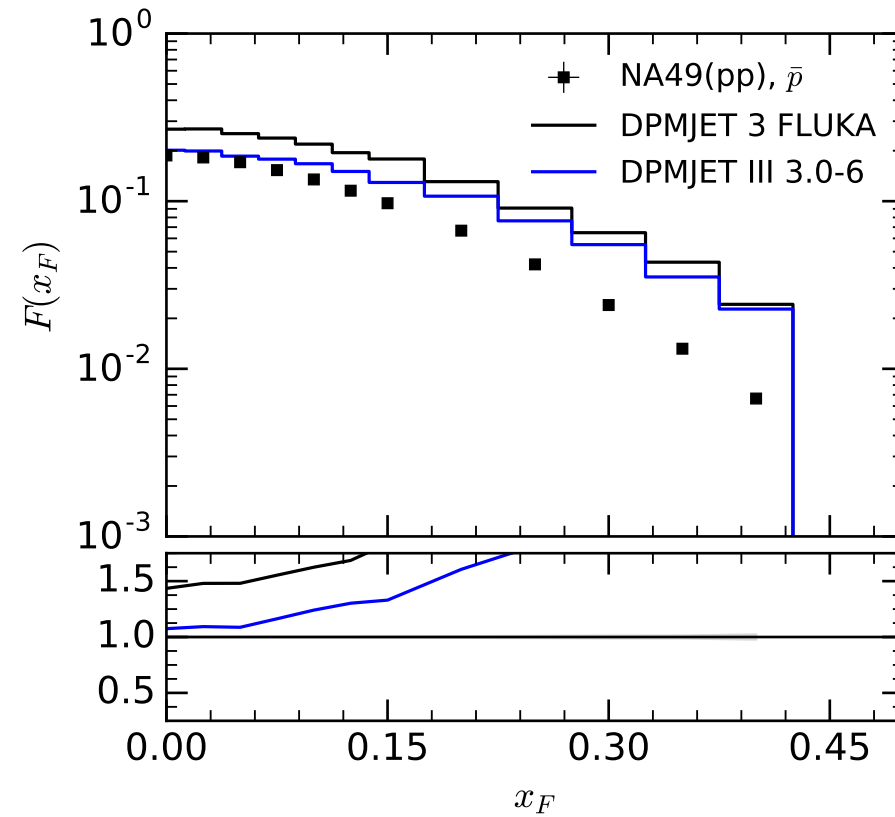
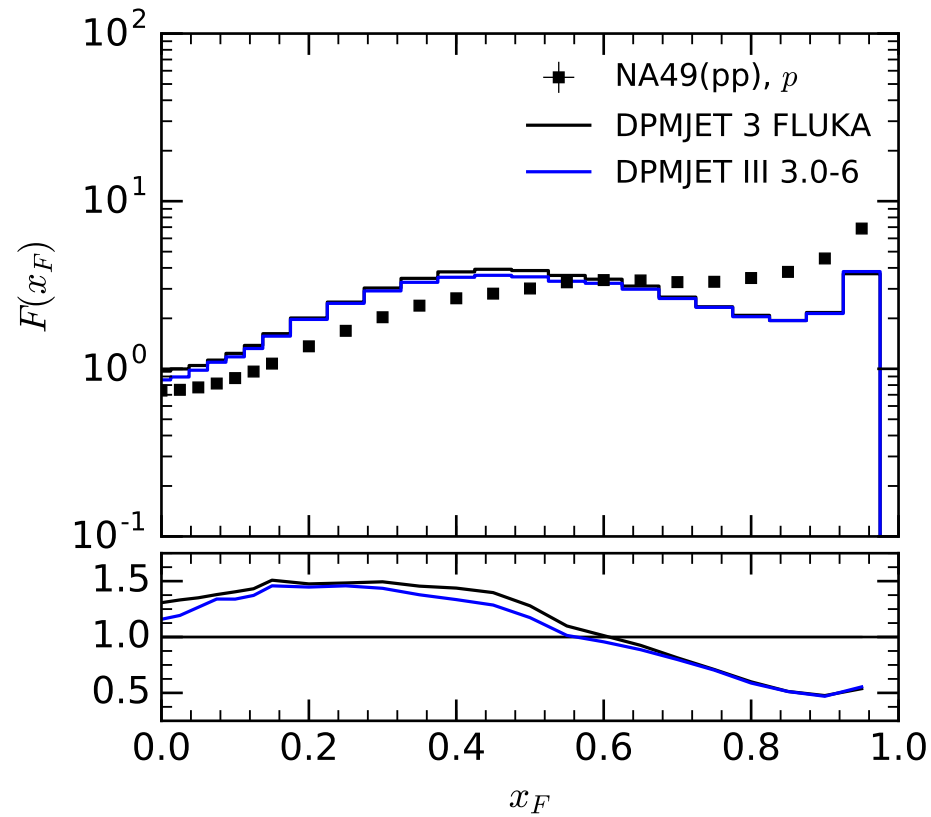
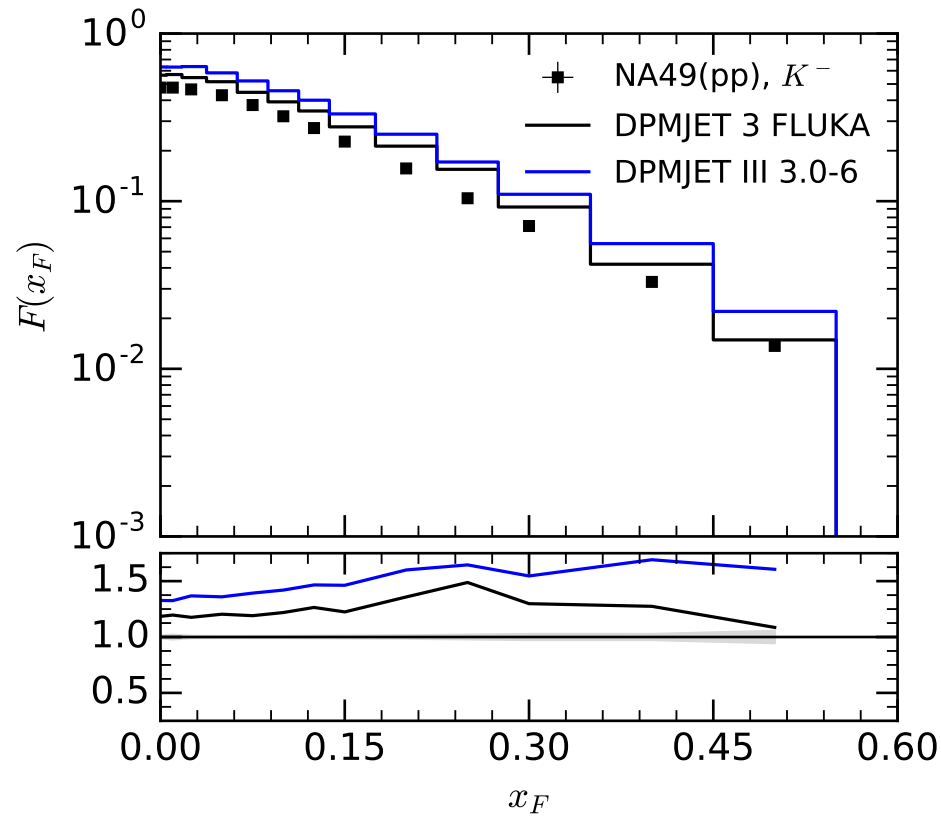
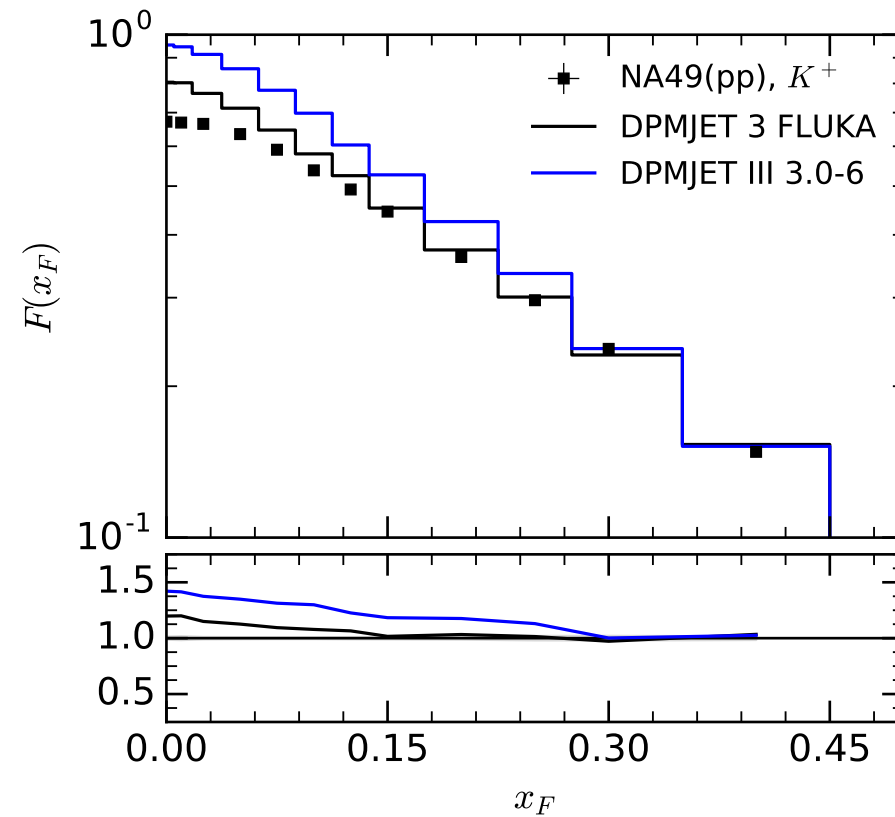
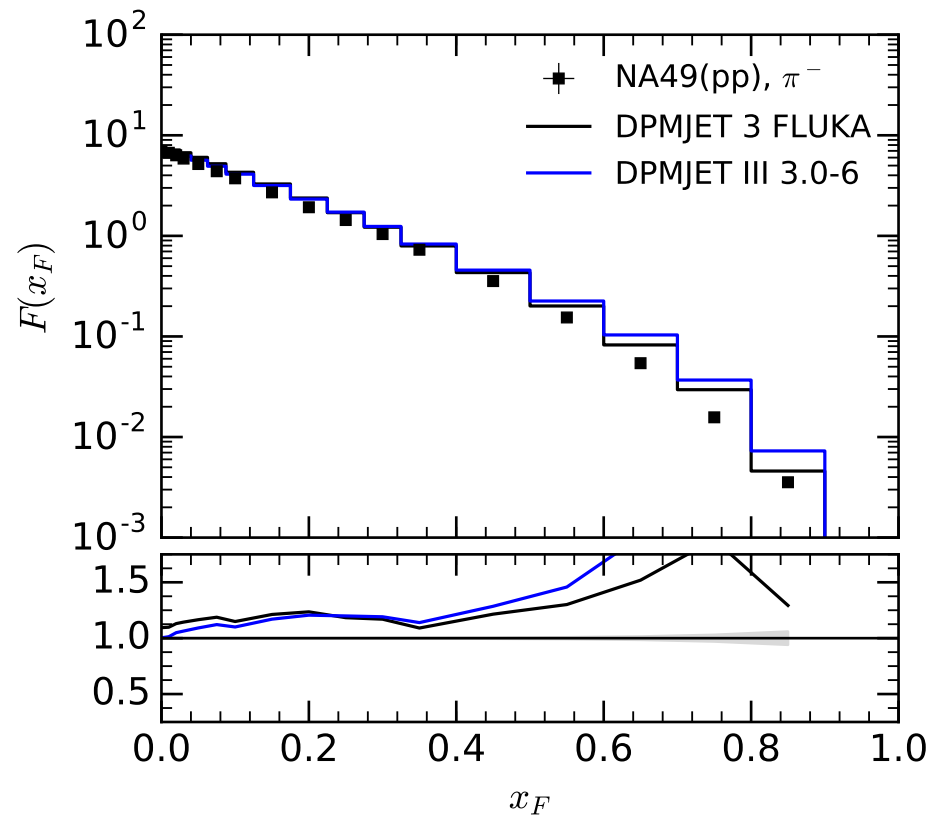
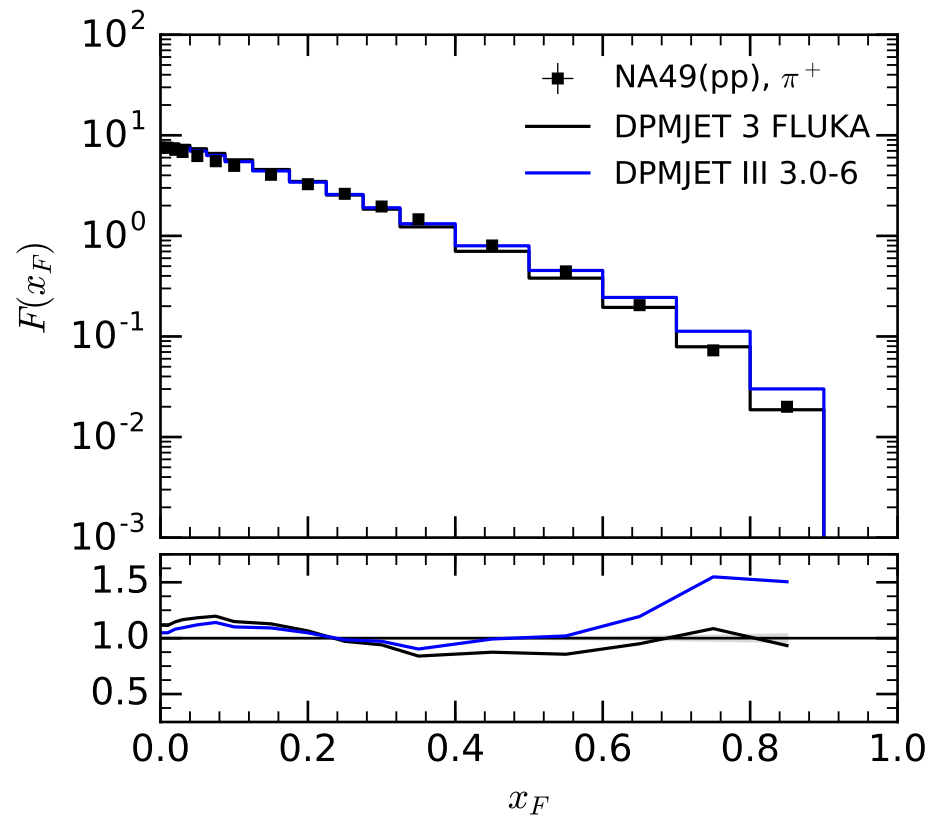


NA49: proton-proton

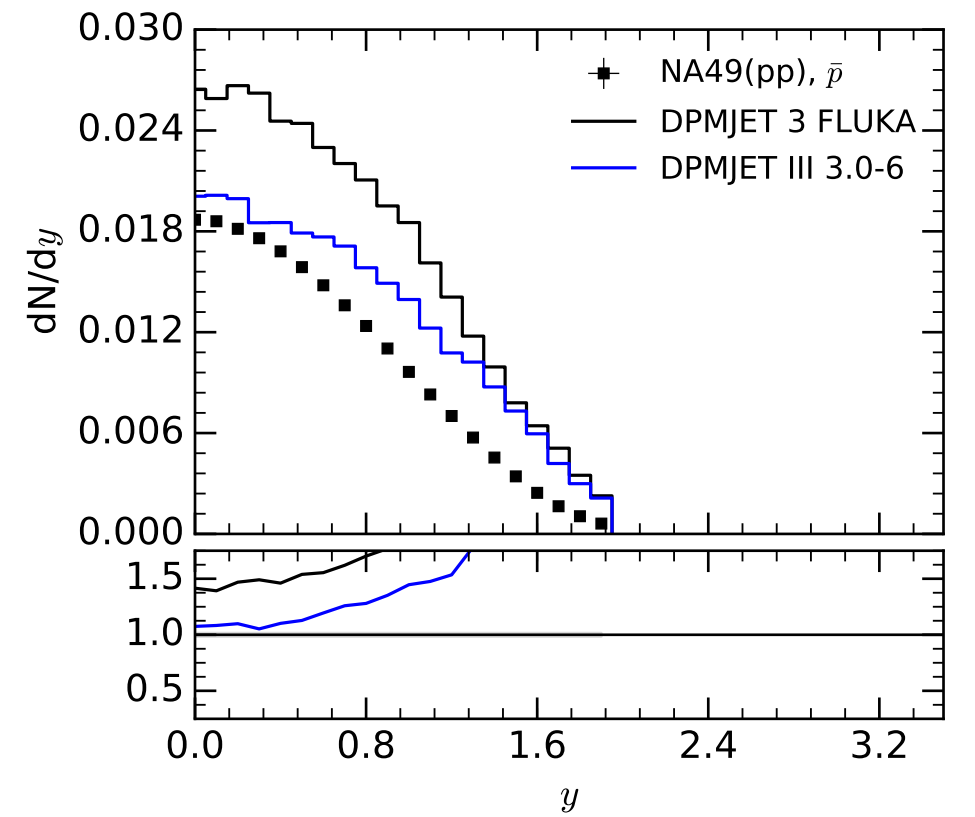
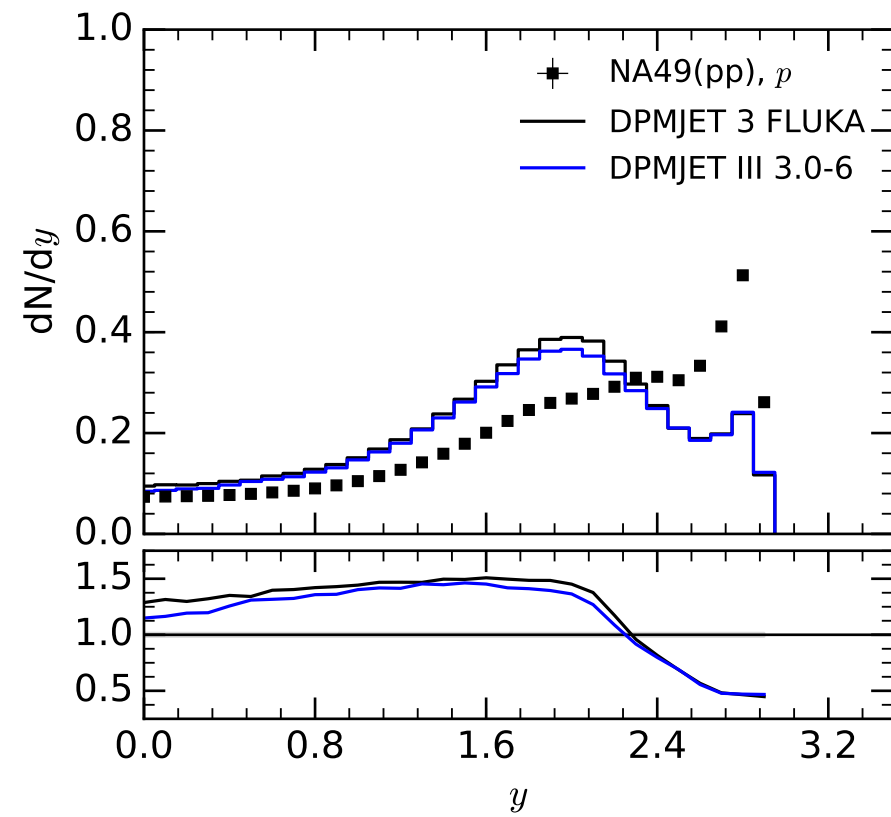
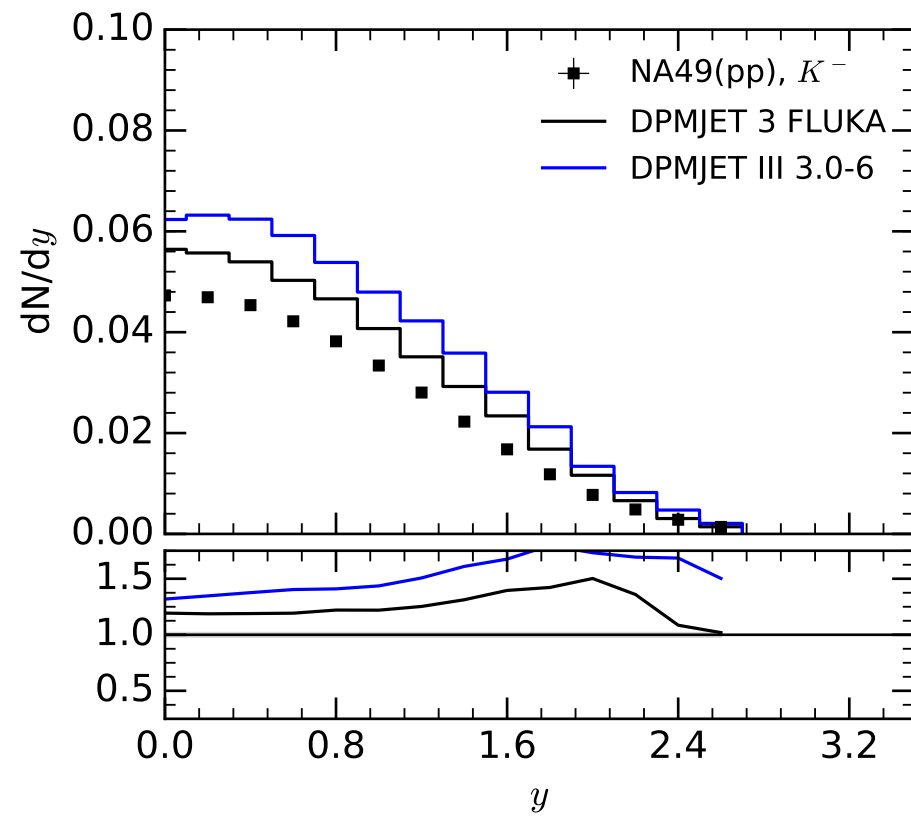
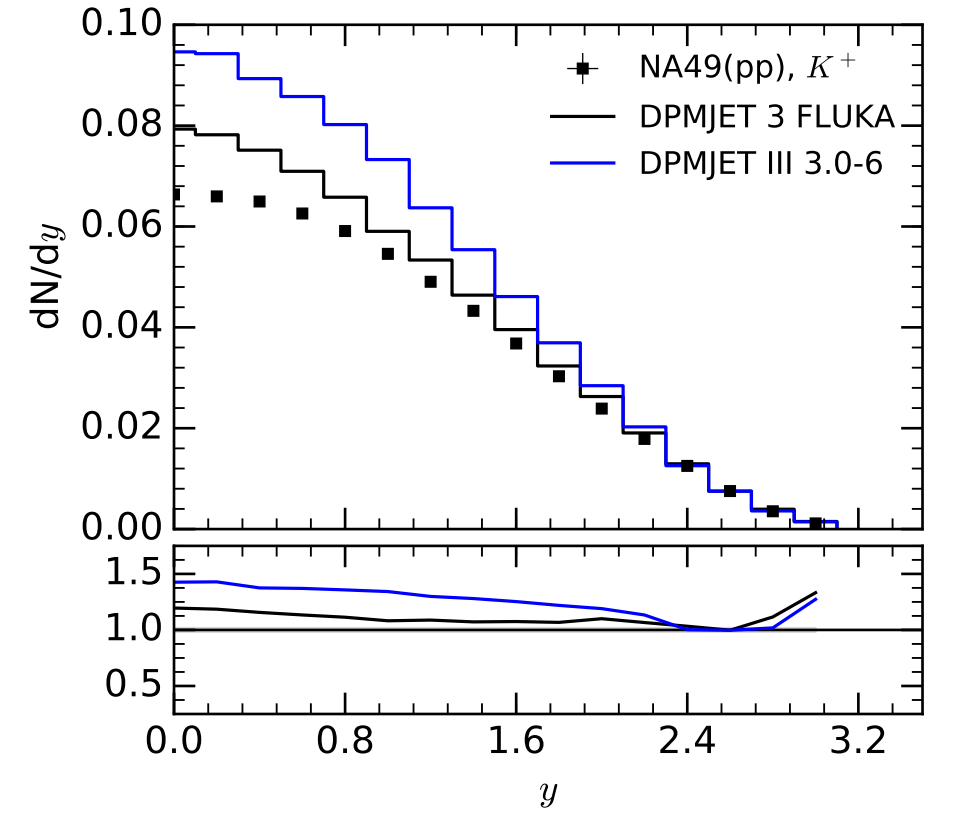
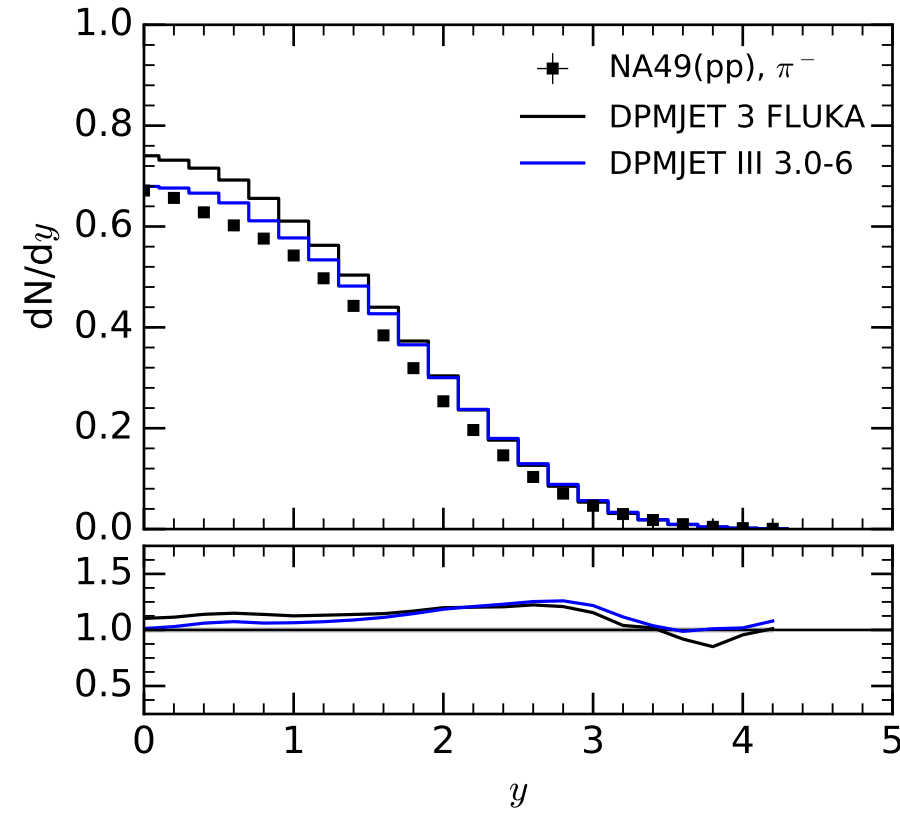
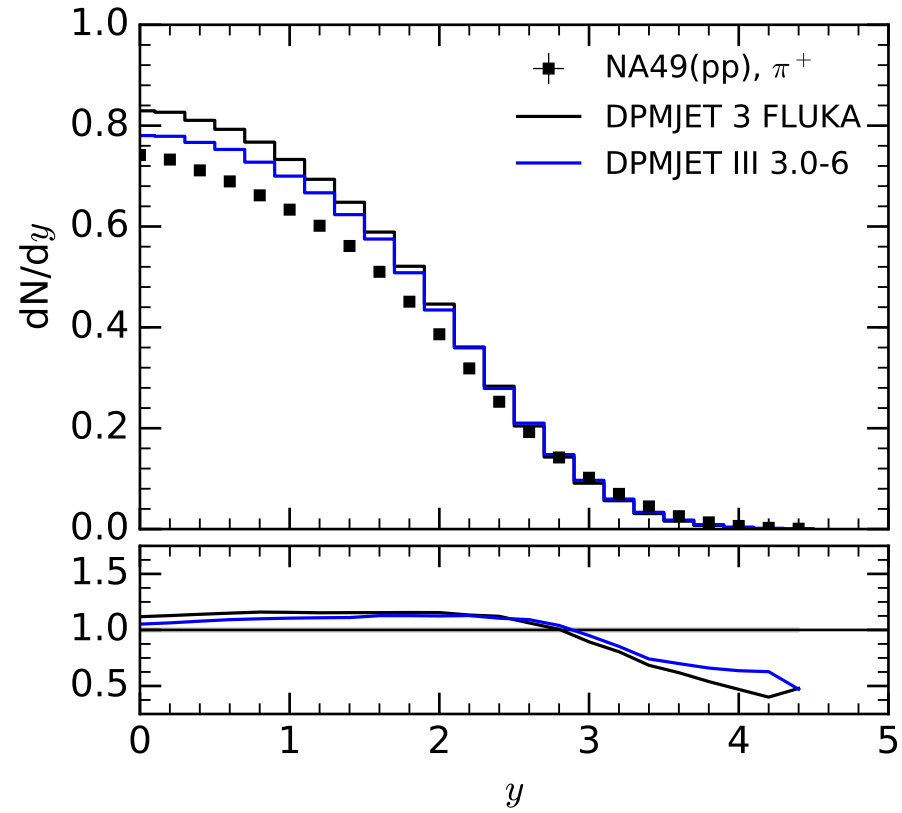
x_F - NA49 pp collisions at 158 GeV



$F(x_F)$ - NA49 pp collisions at 158 GeV

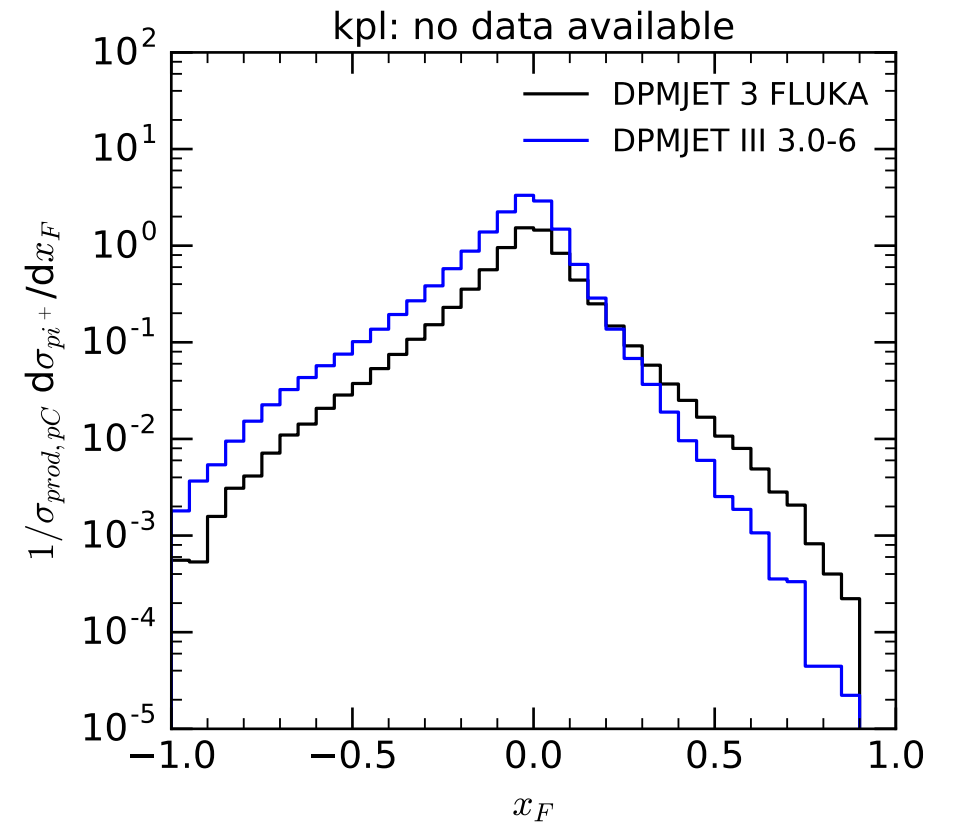
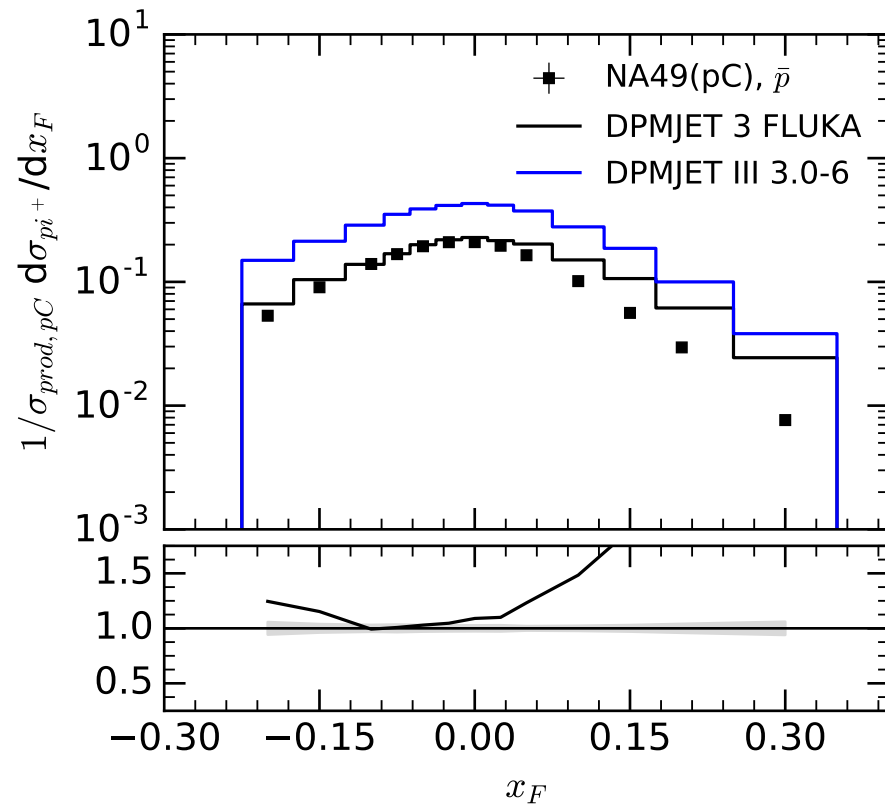
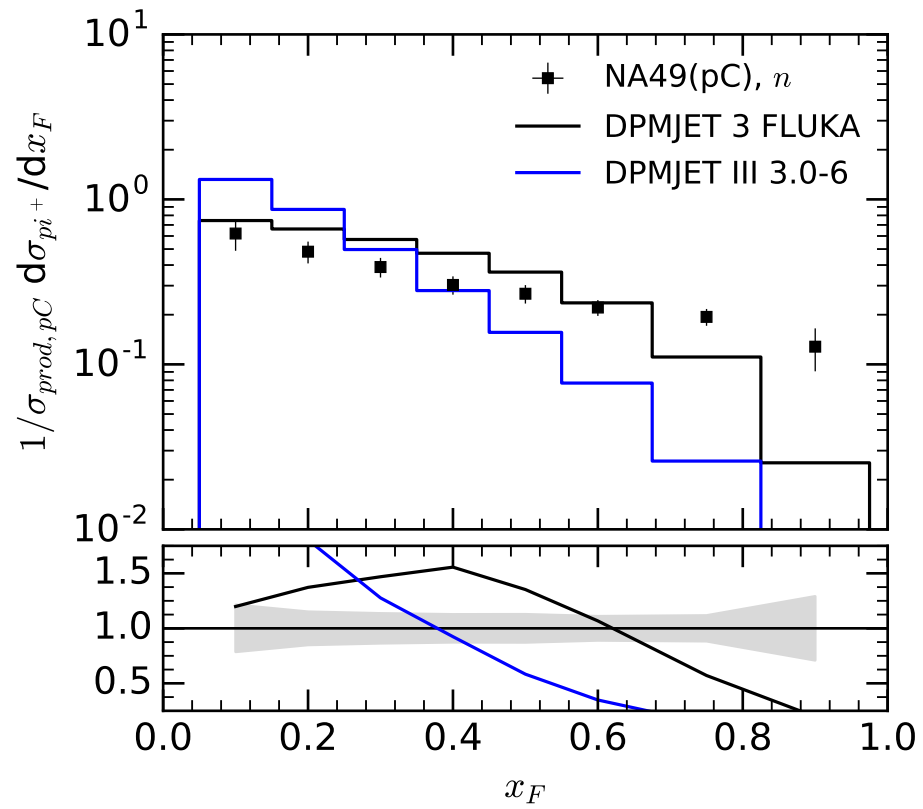
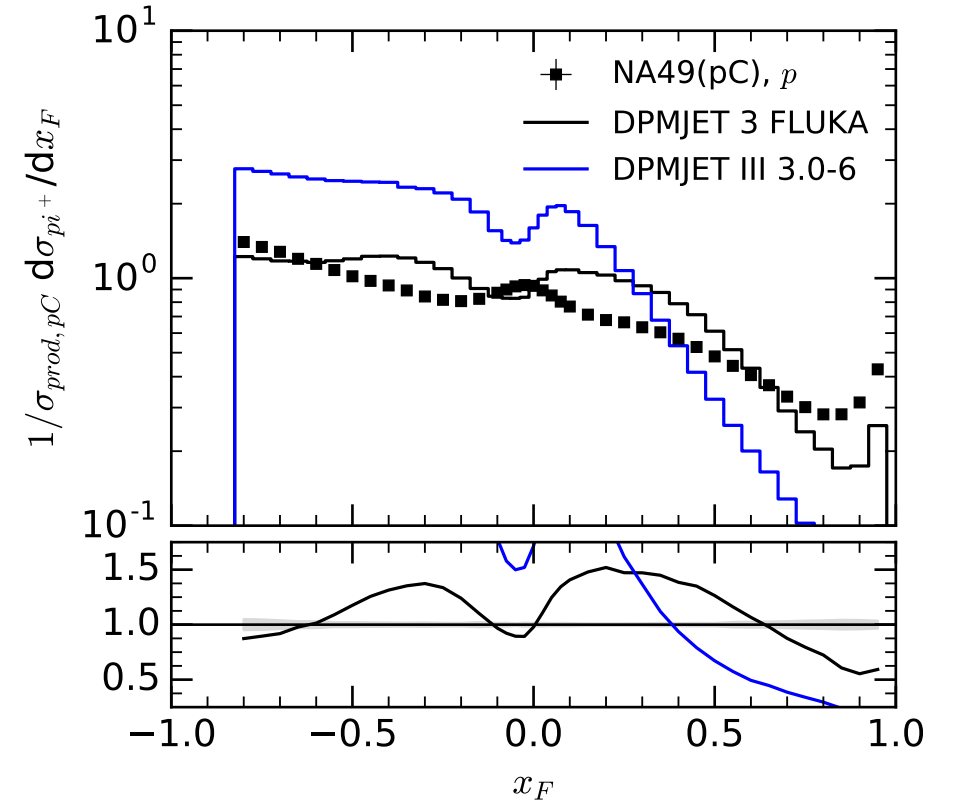
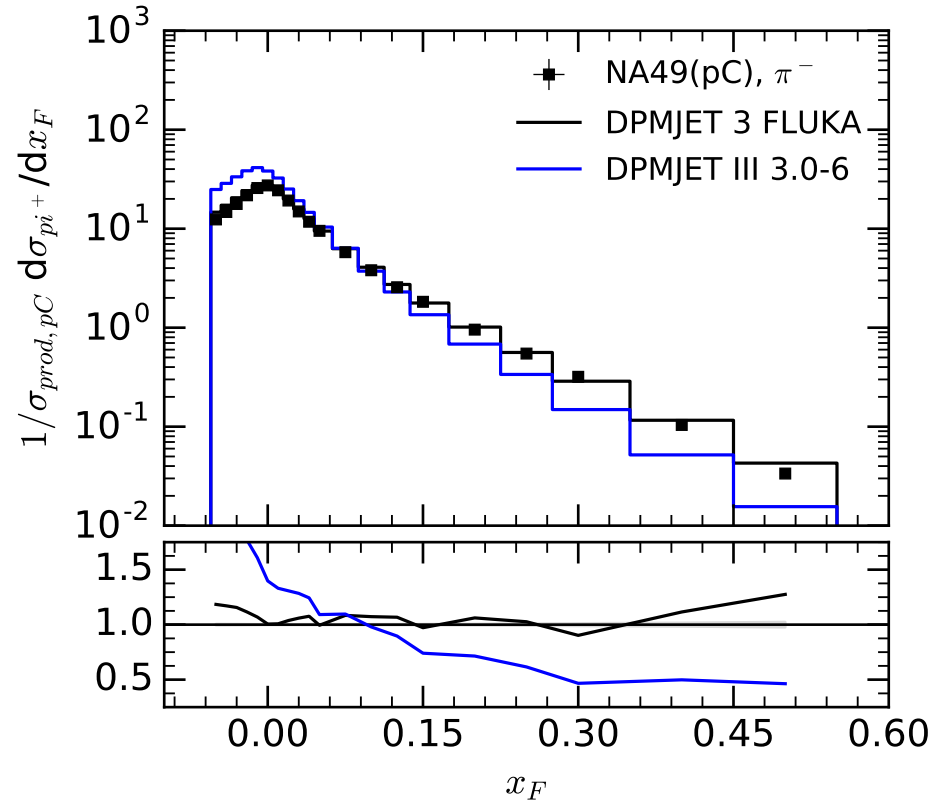
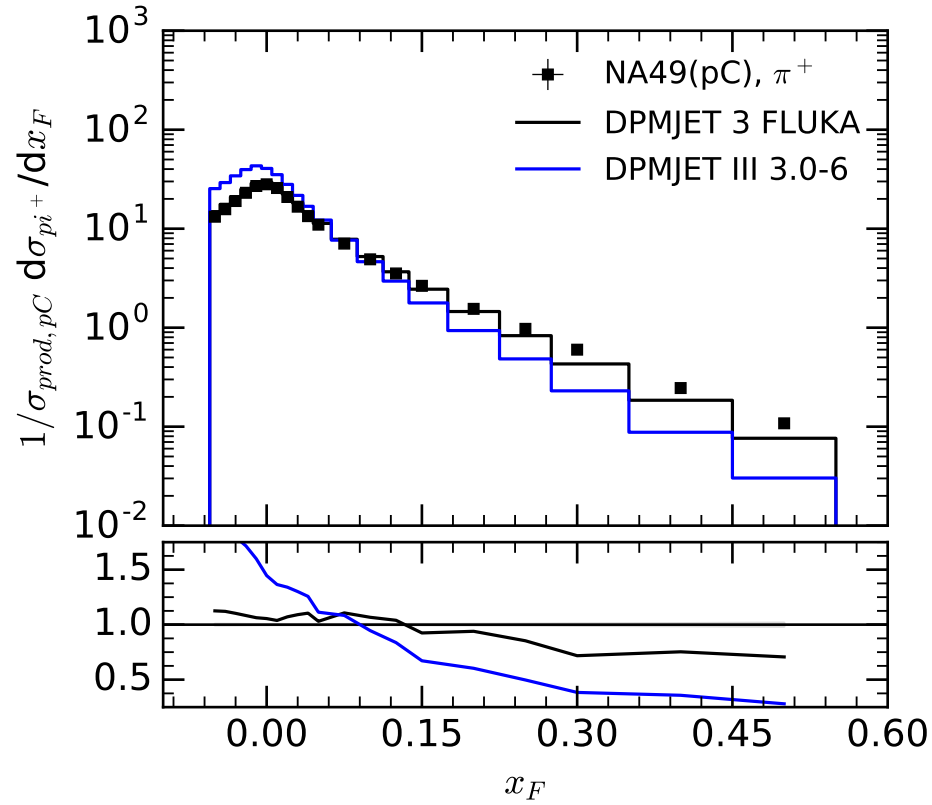


y - NA49 pp collisions at 158 GeV

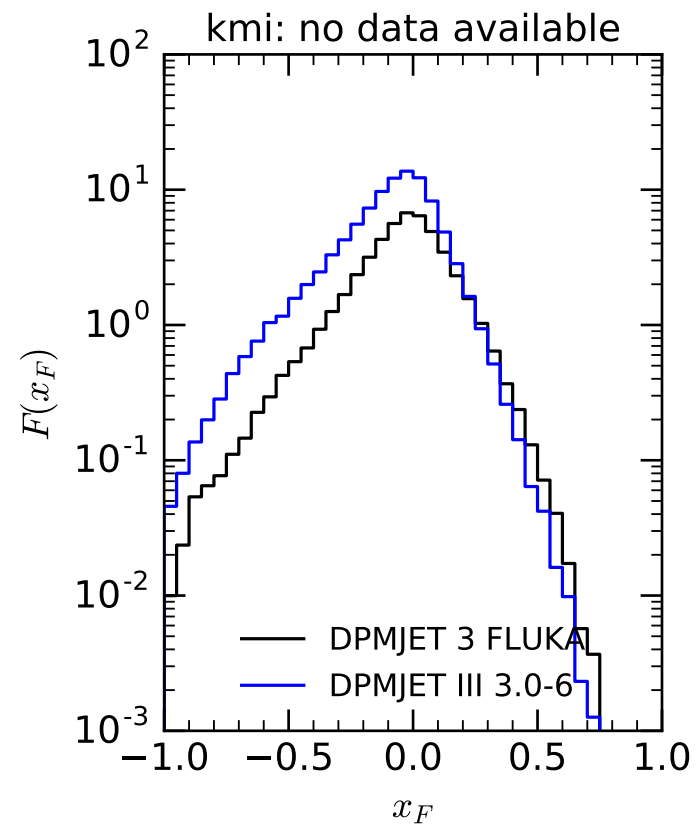
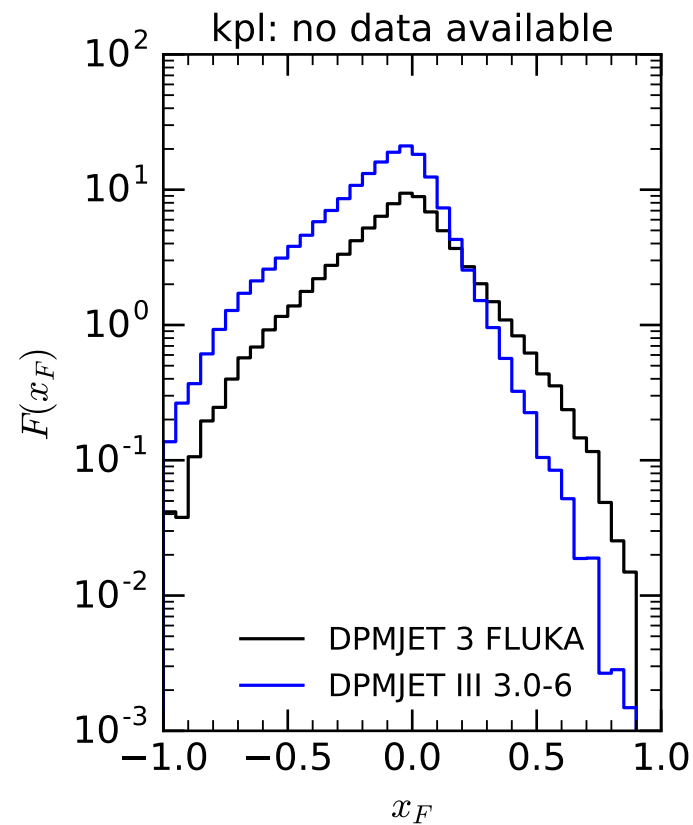
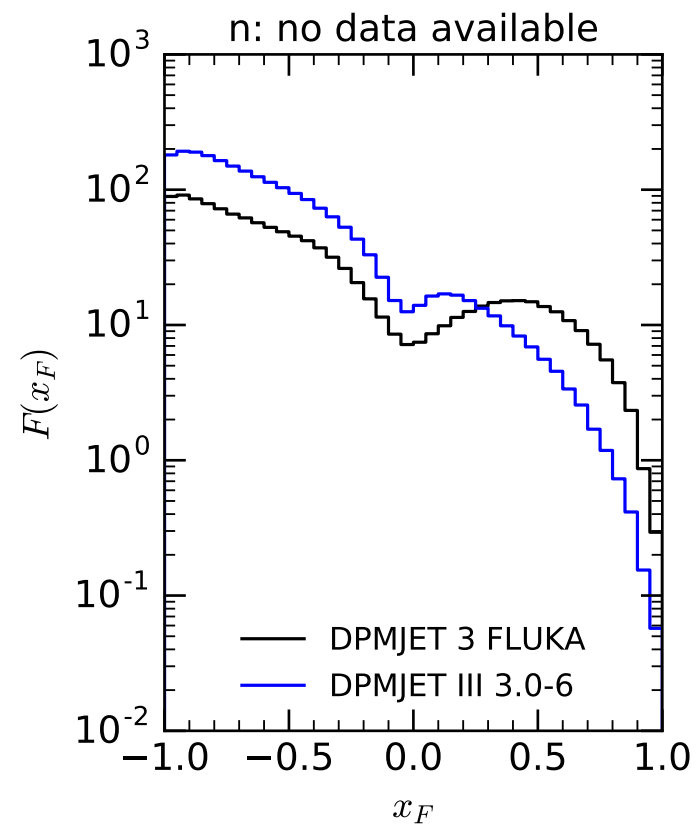
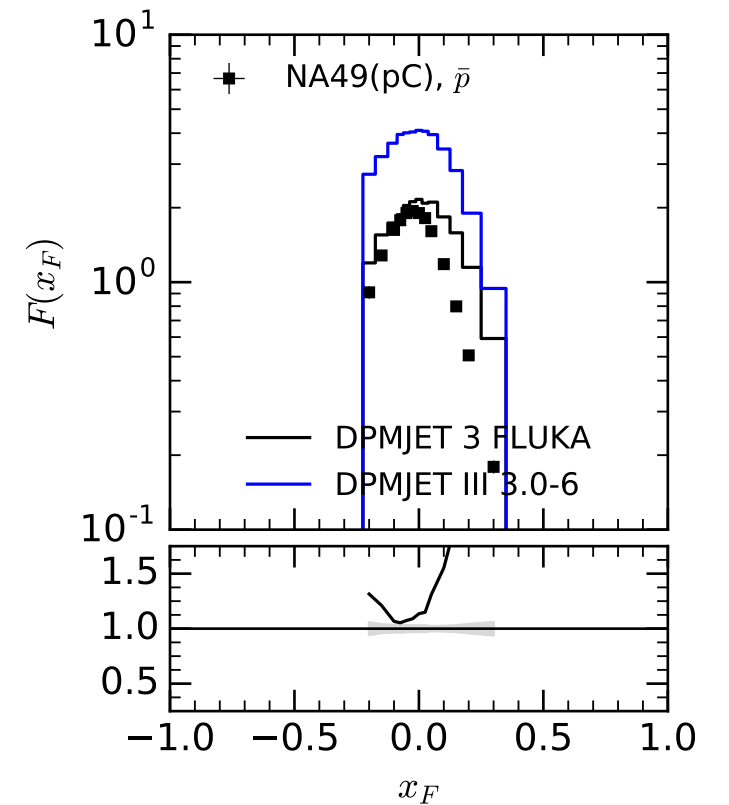
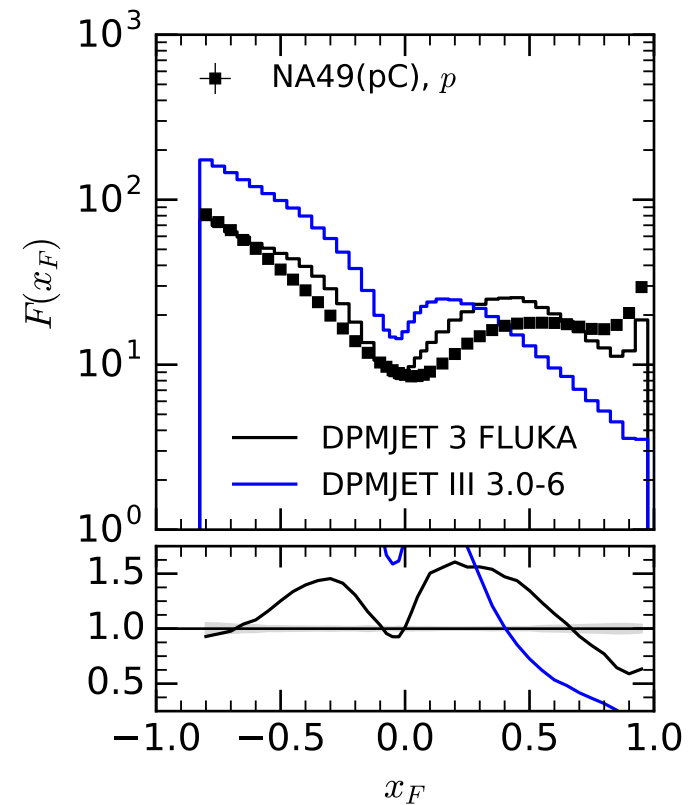
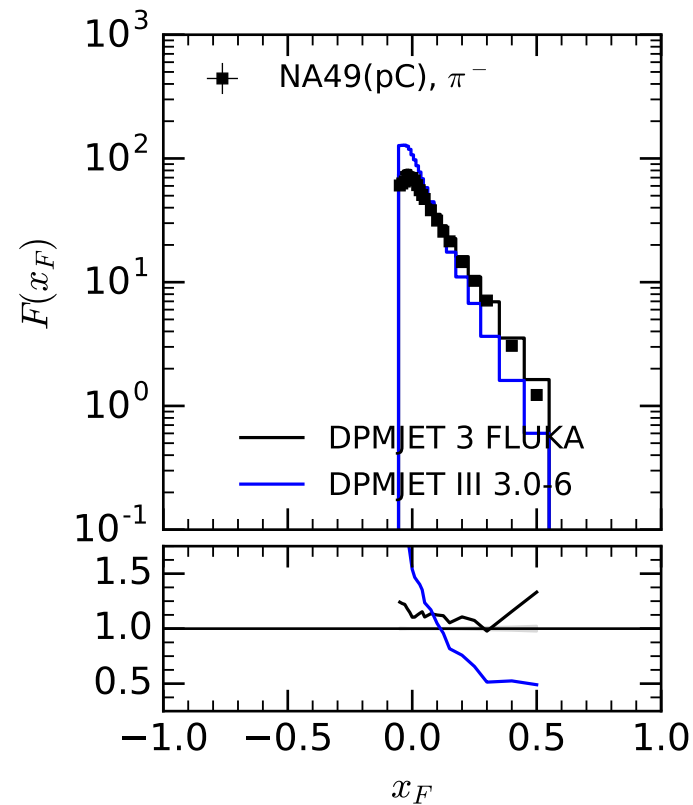
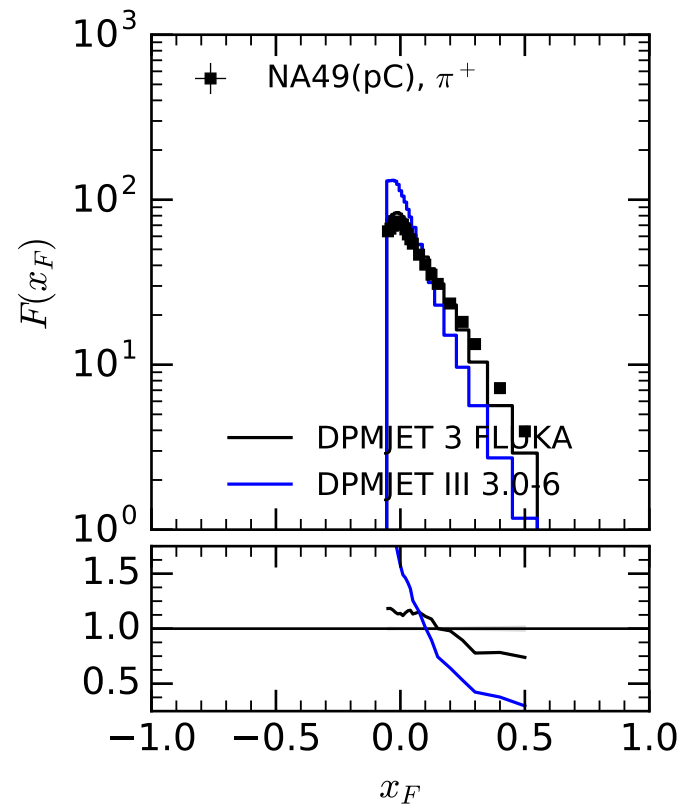


NA49: proton-carbon

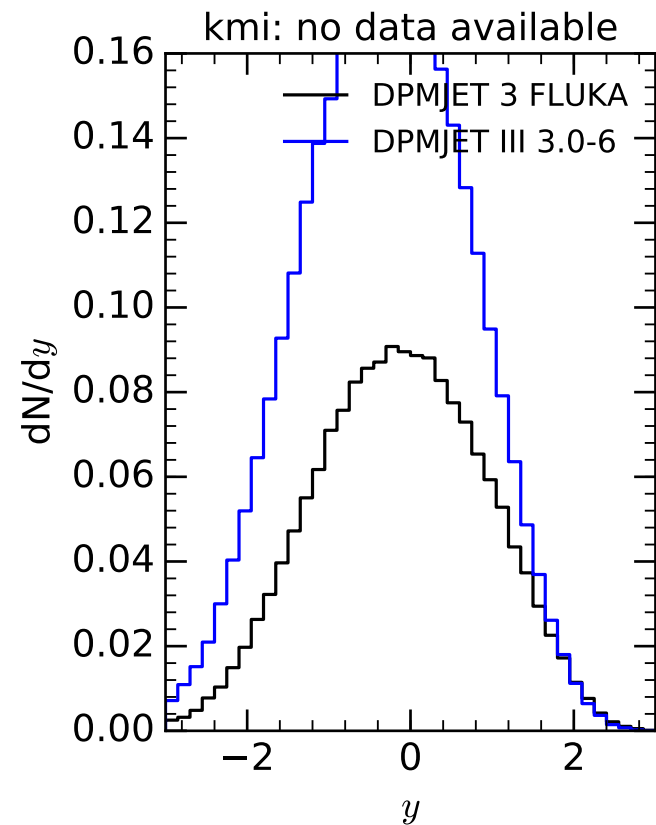
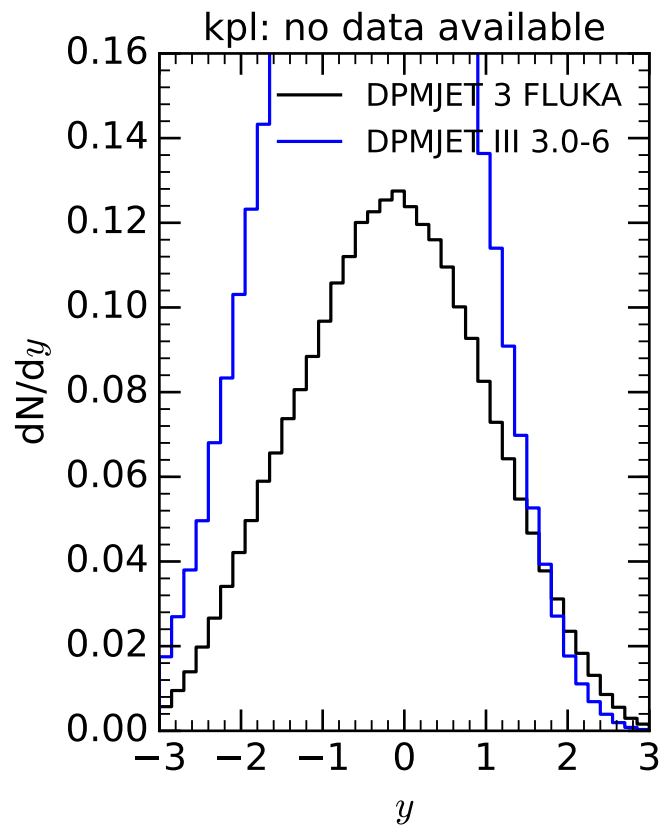
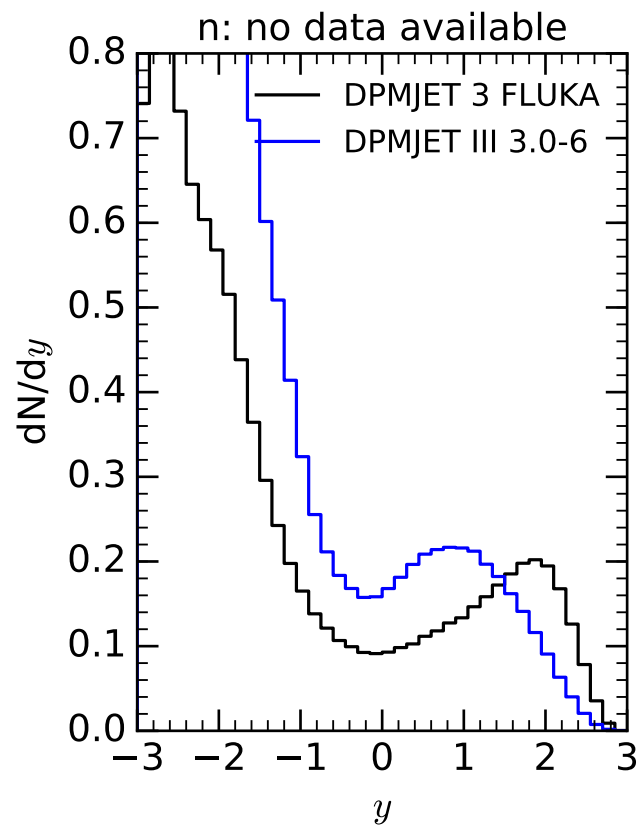
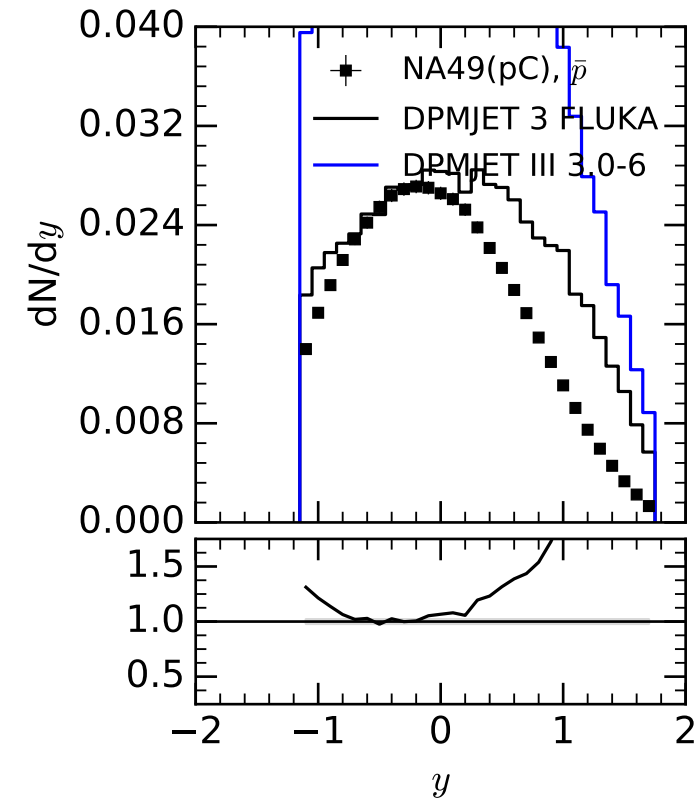
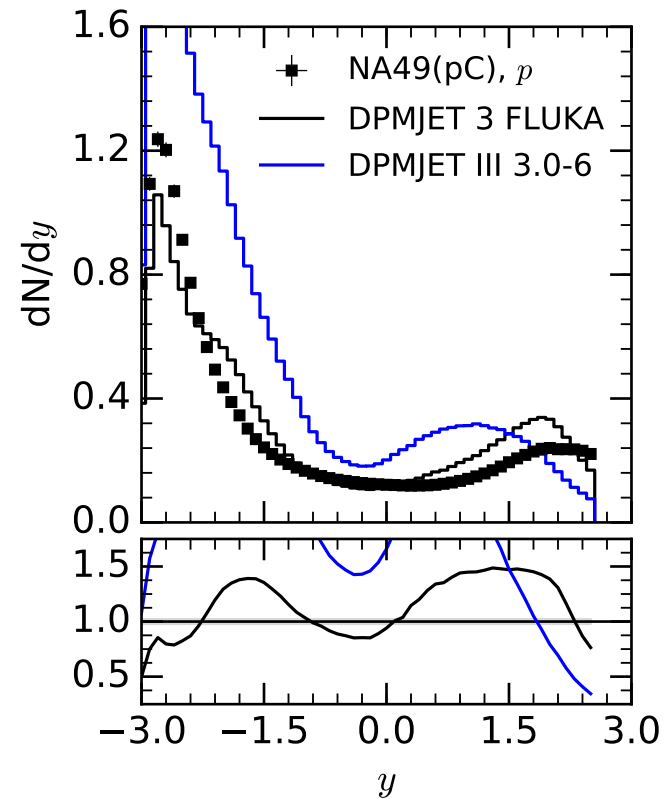
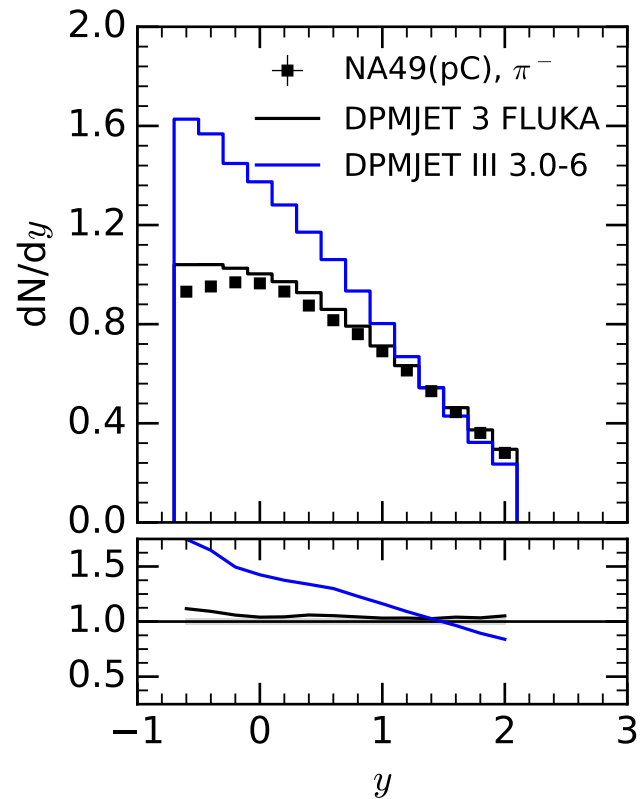
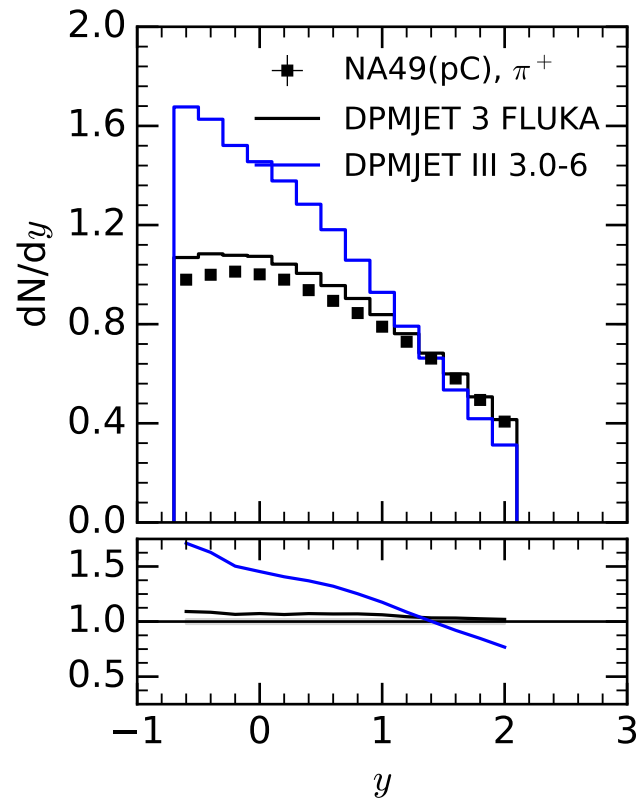
x_F - NA49 pC collisions at 158 GeV



$F(x_F)$ - NA49 pC collisions at 158 GeV

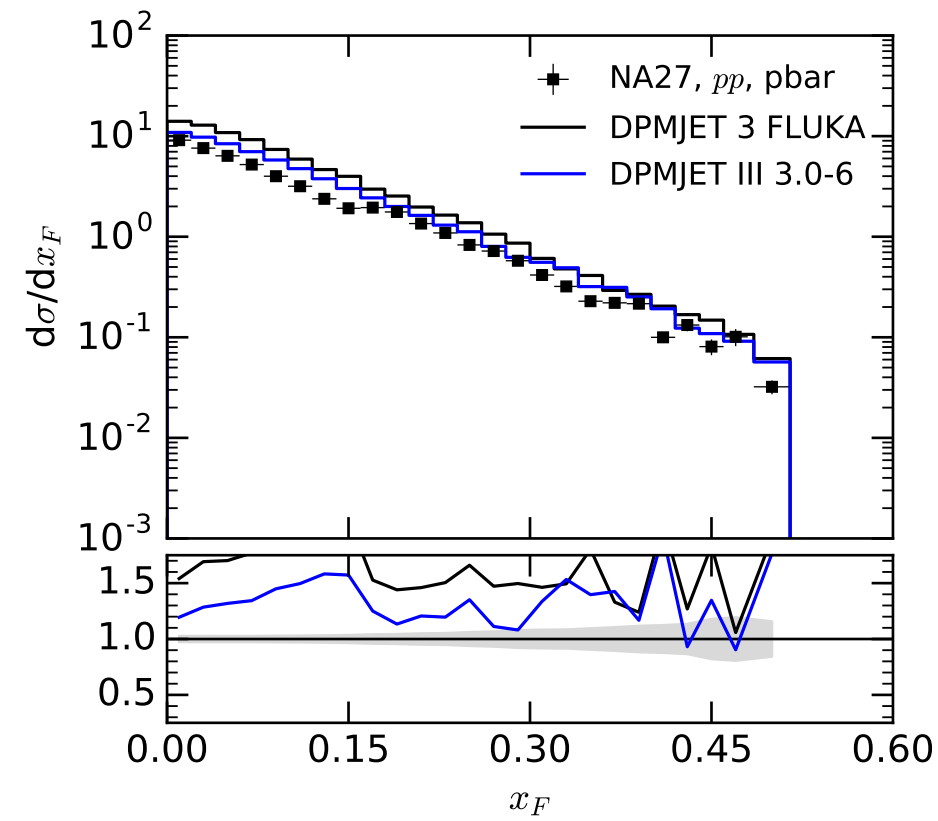
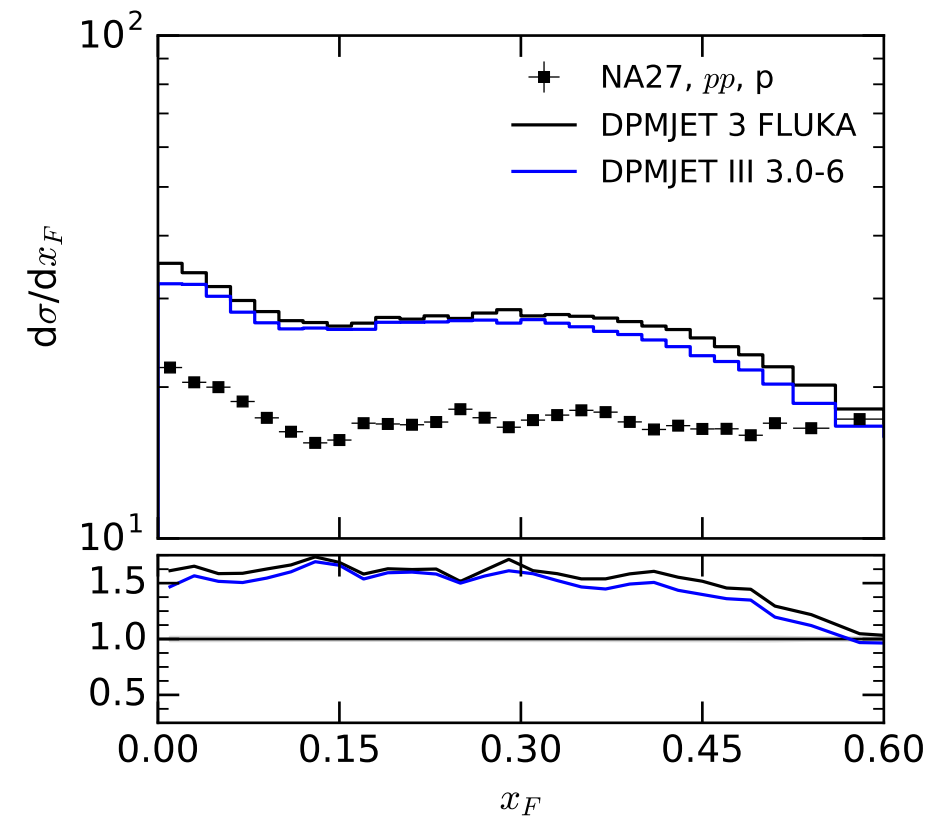
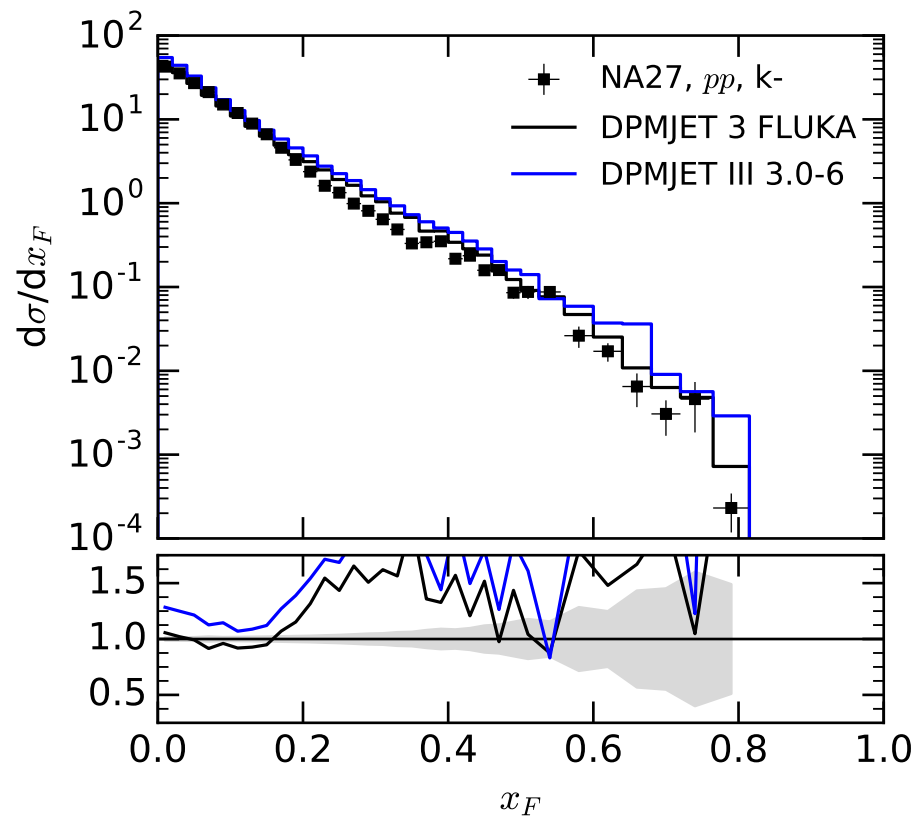
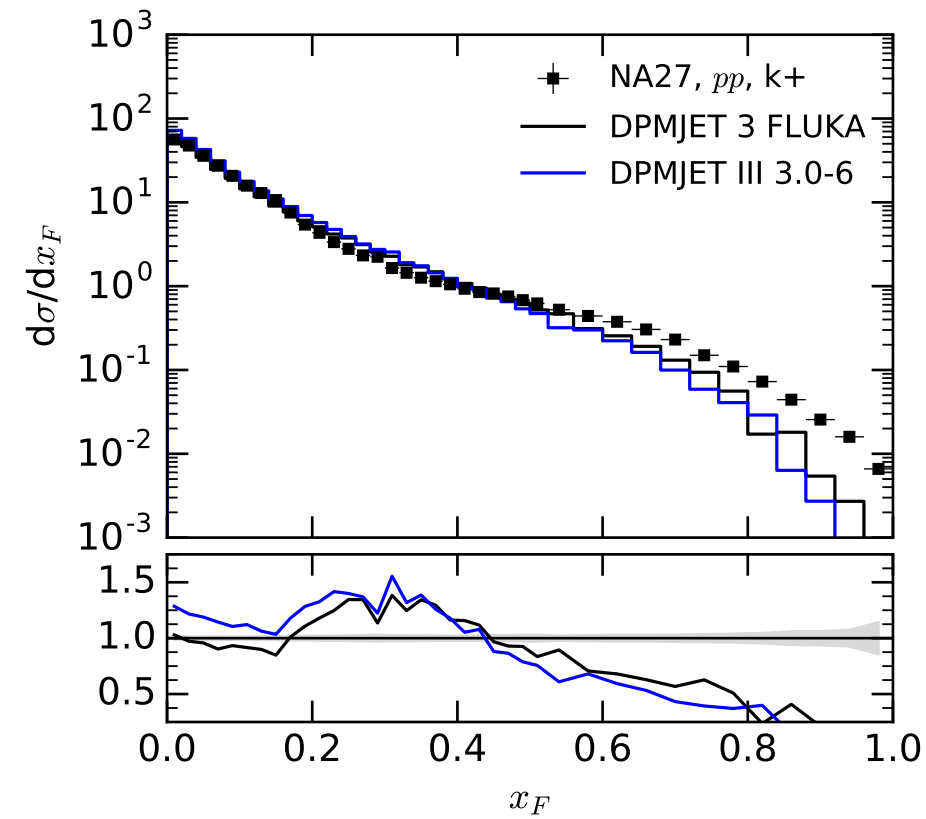
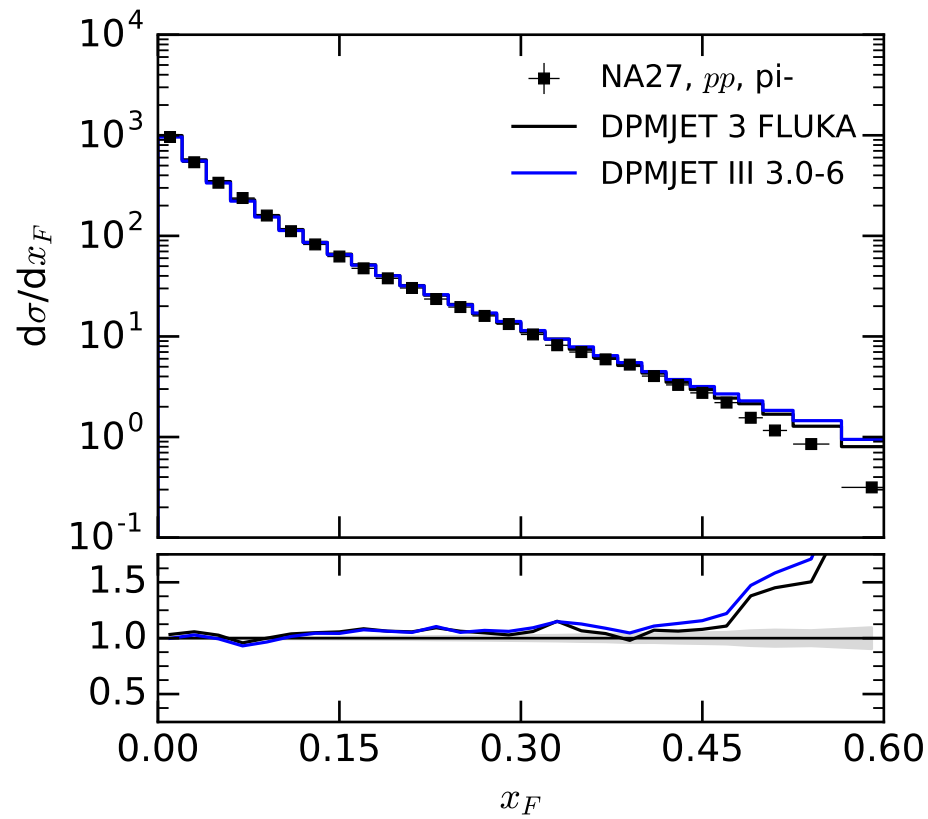
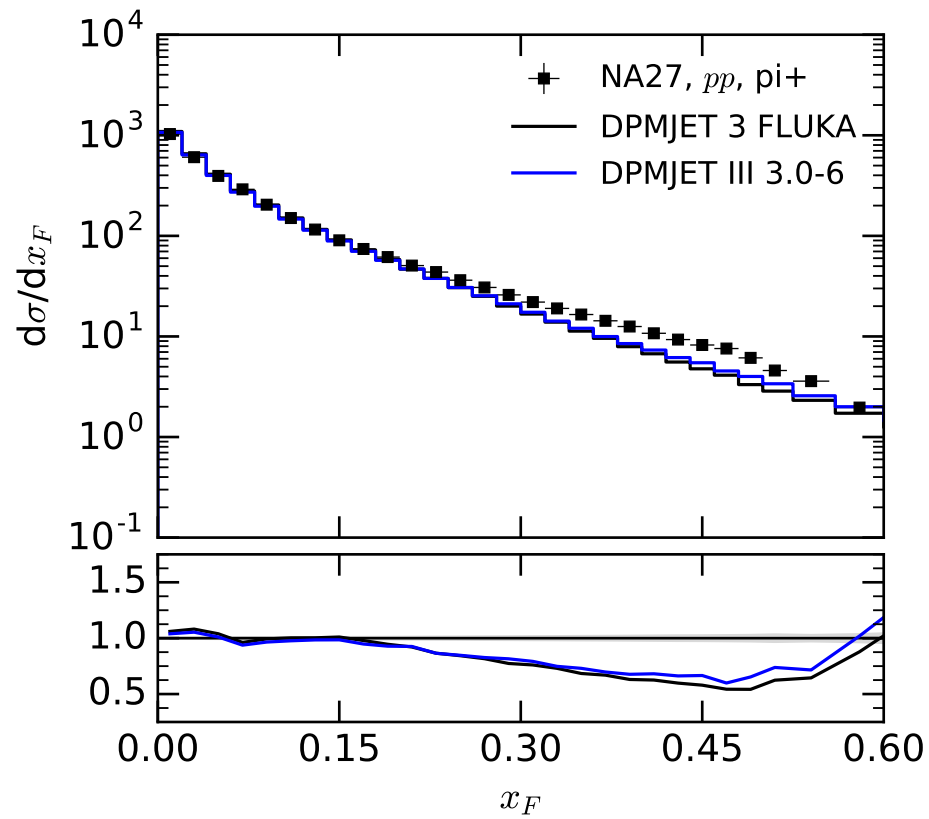


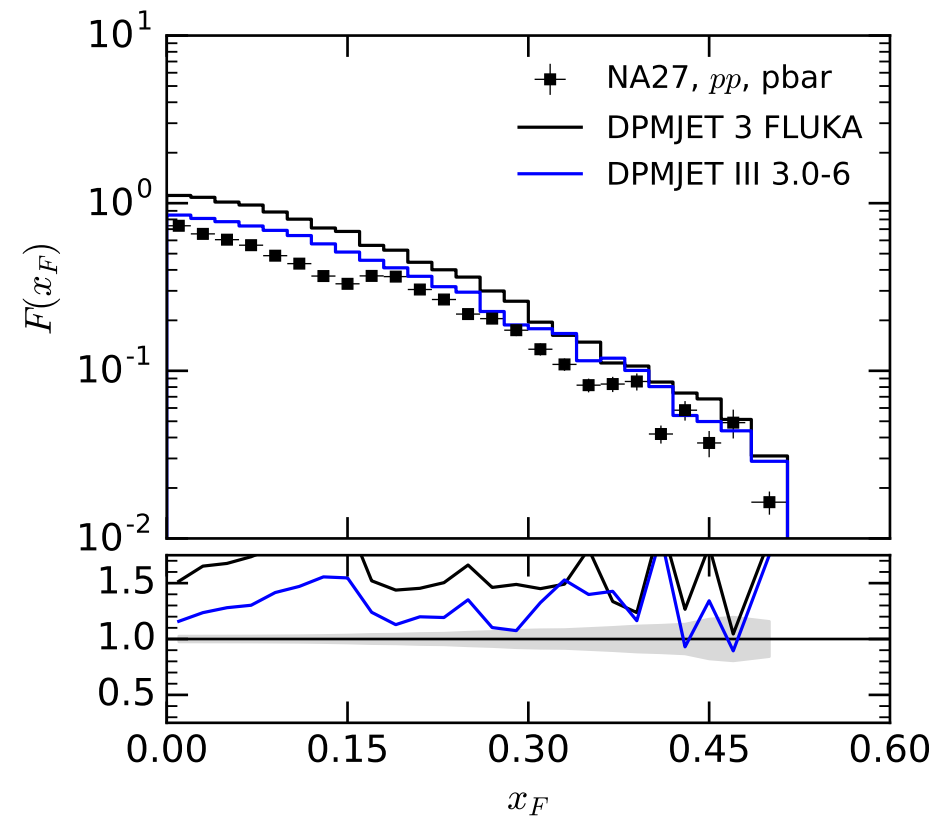
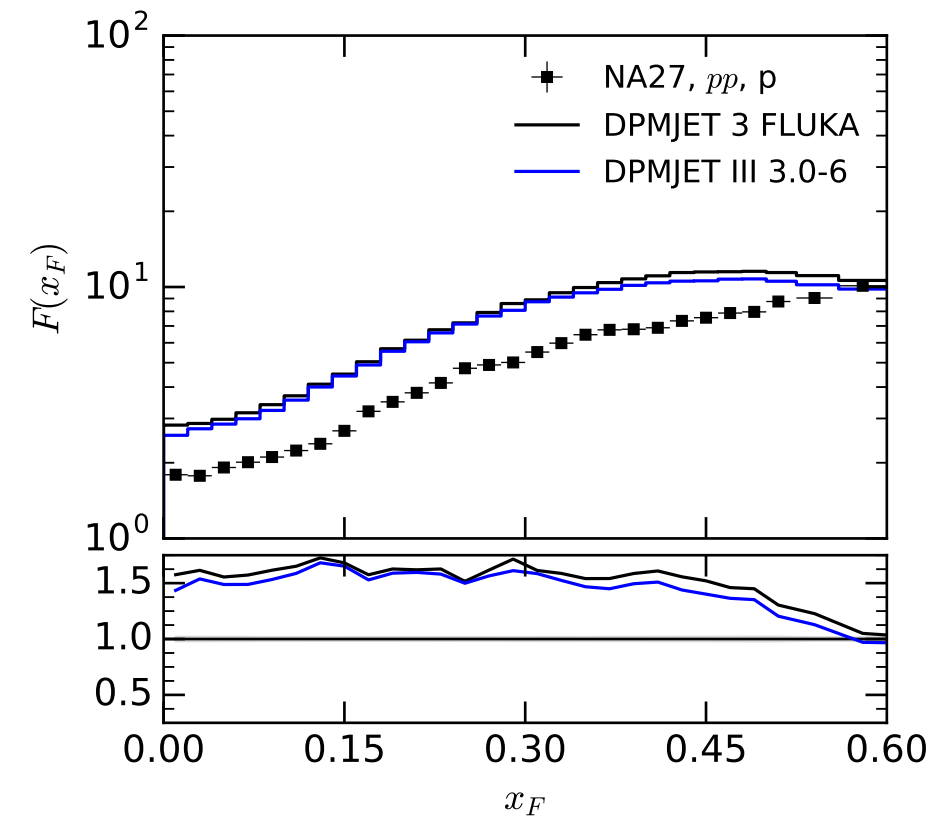
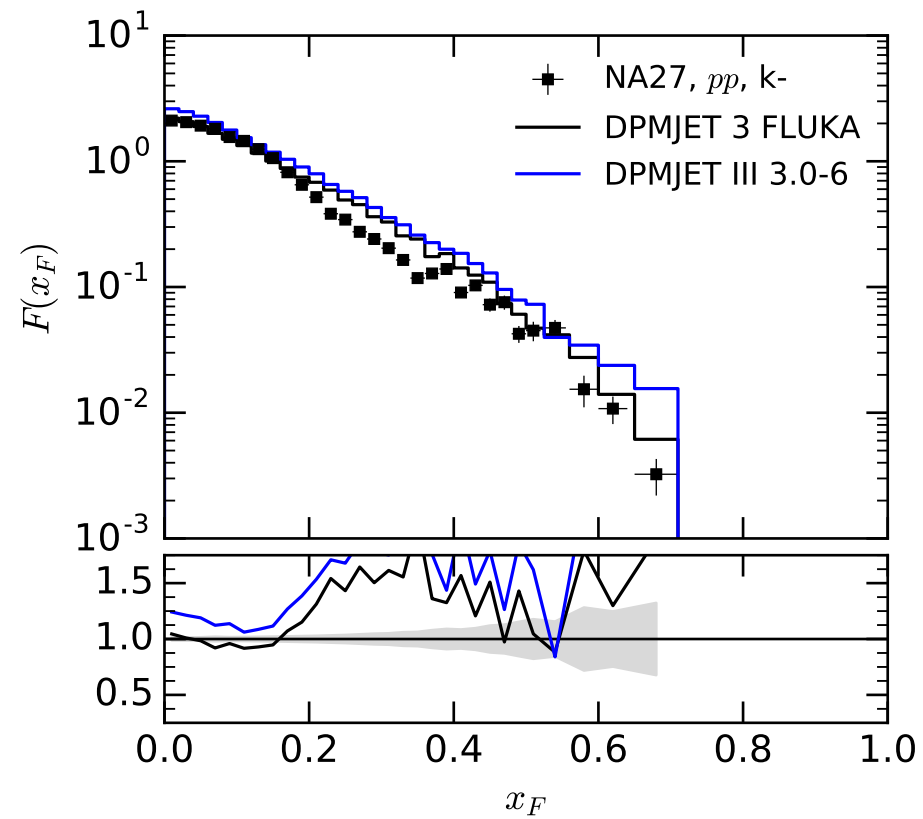
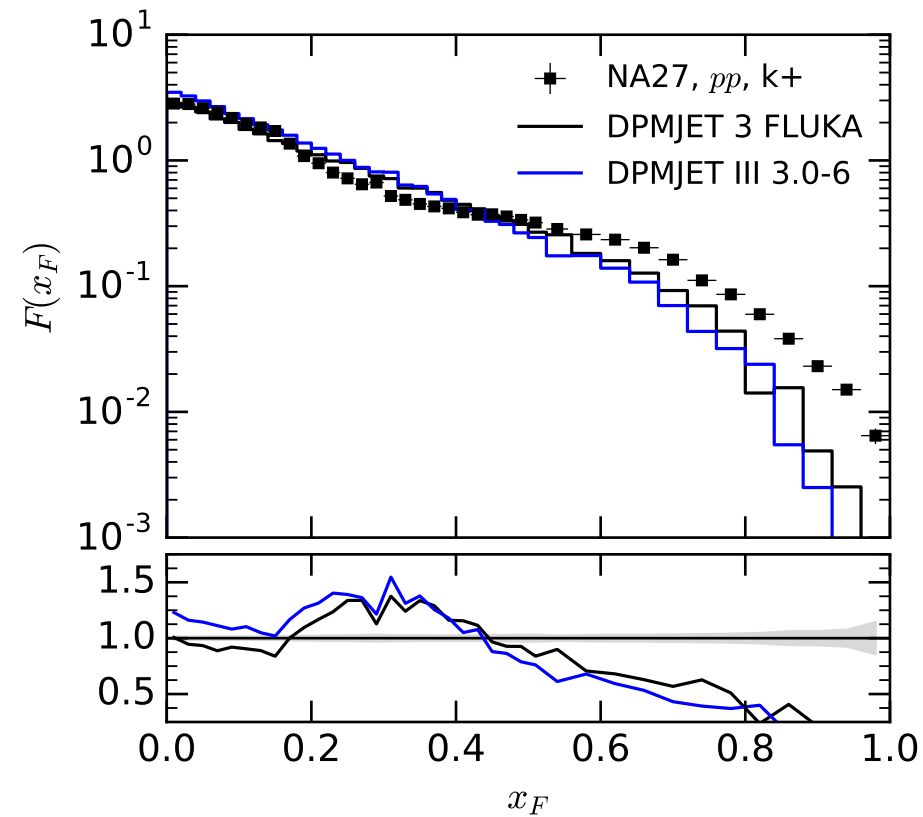
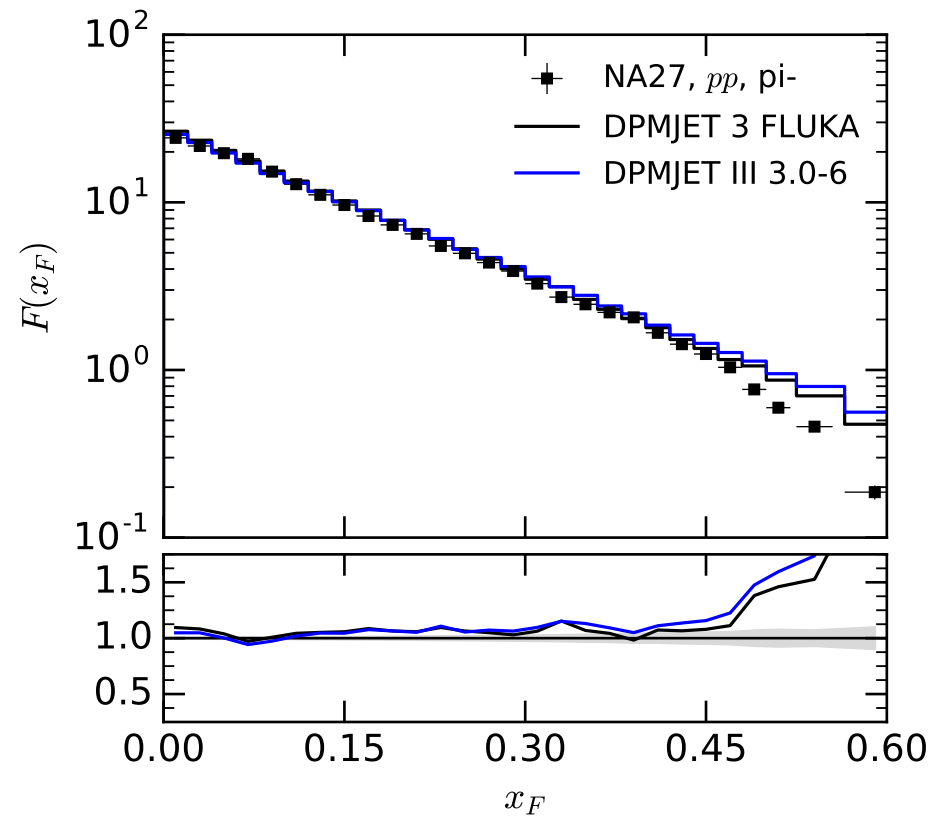
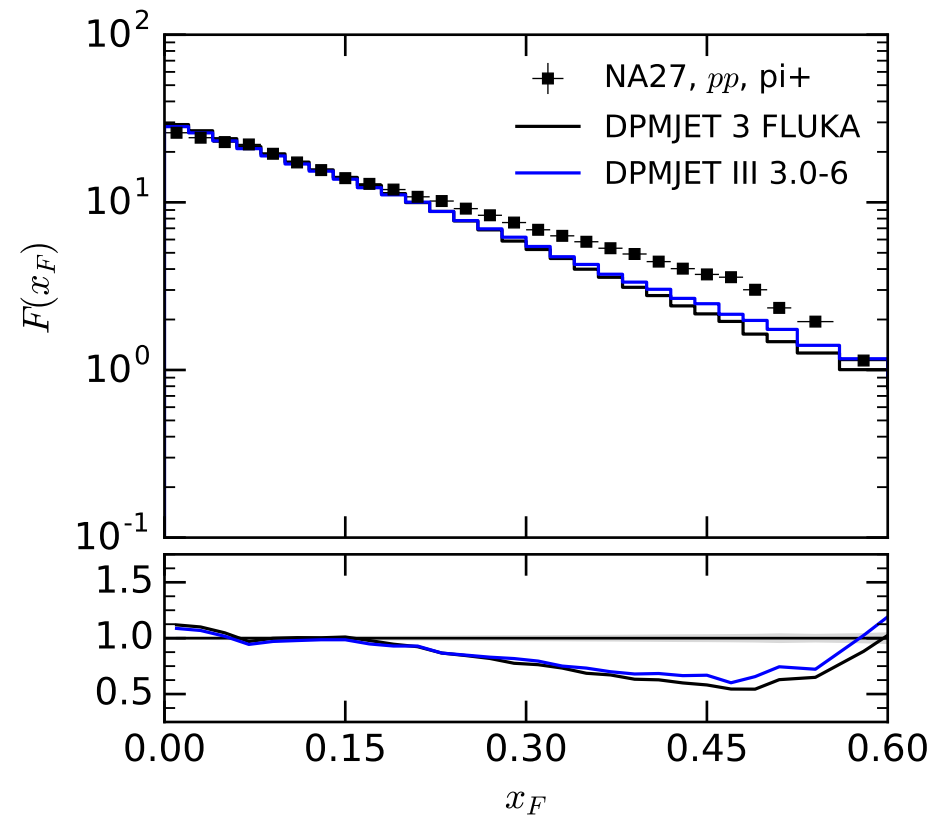
y - NA49 pC collisions at 158 GeV



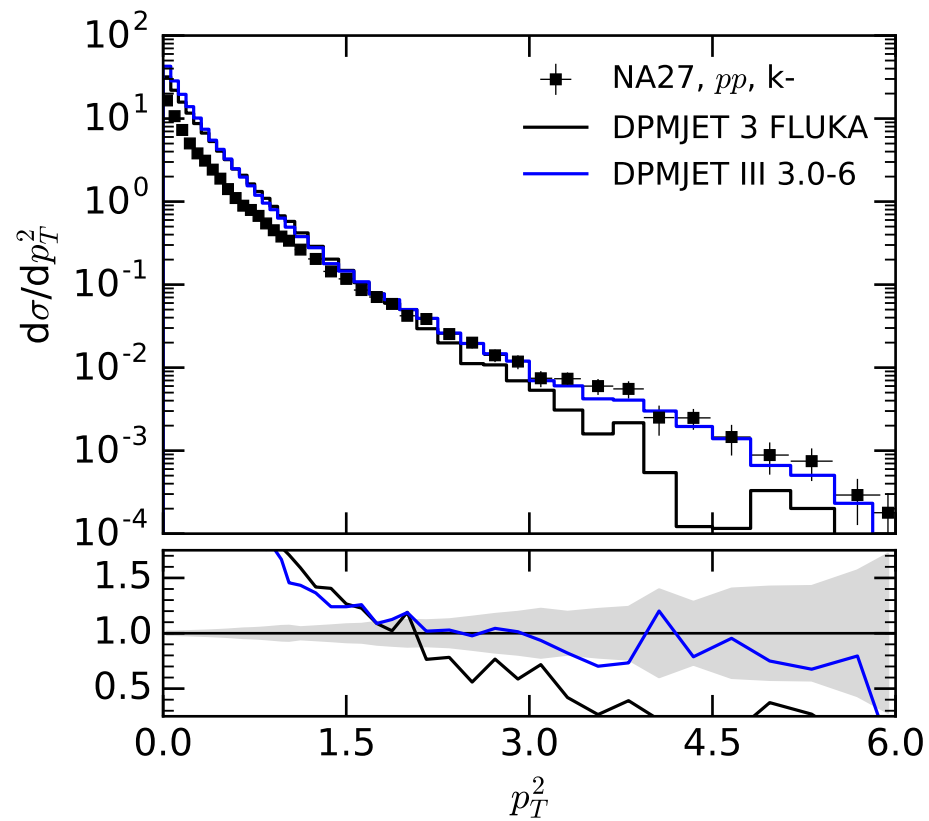
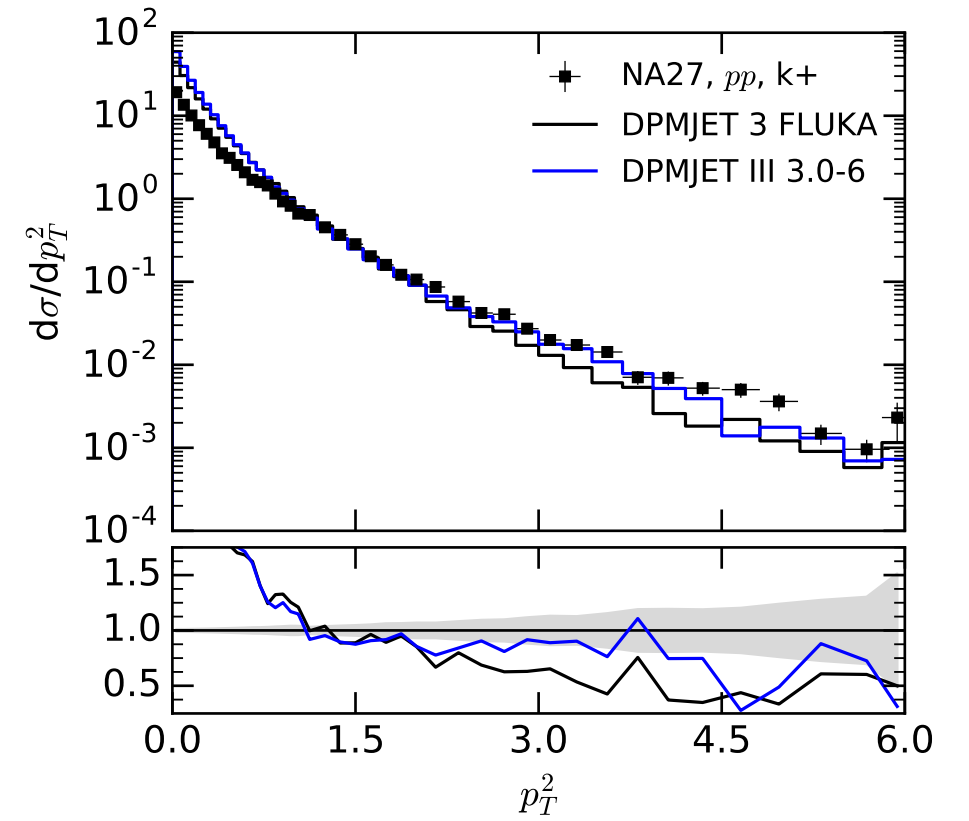
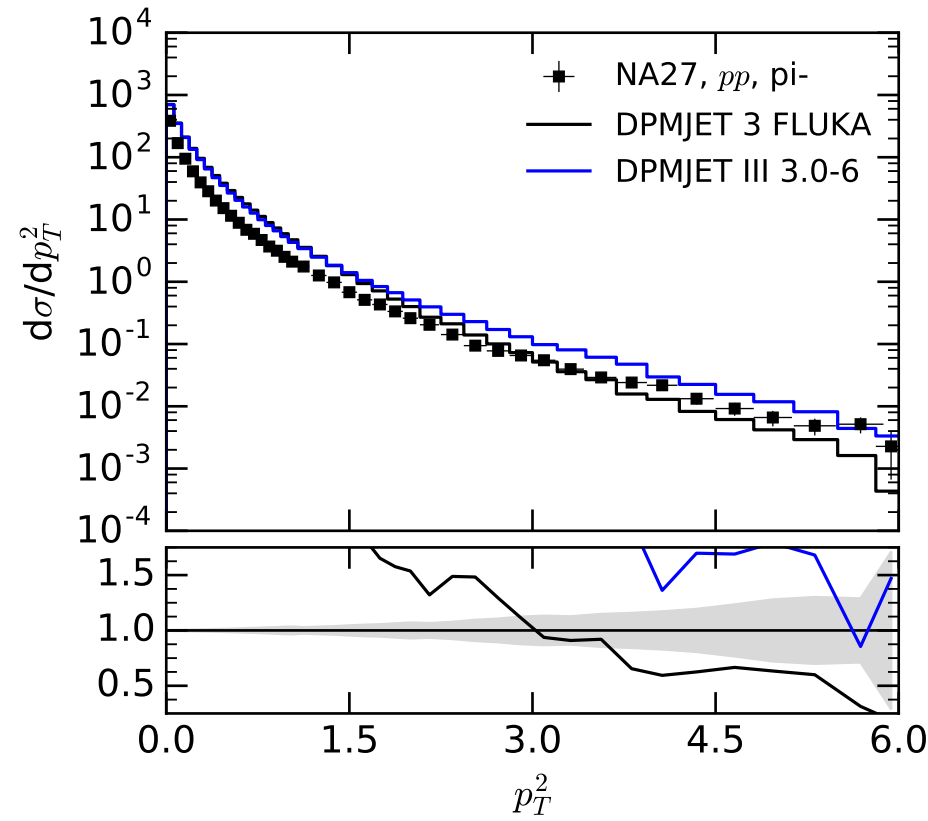
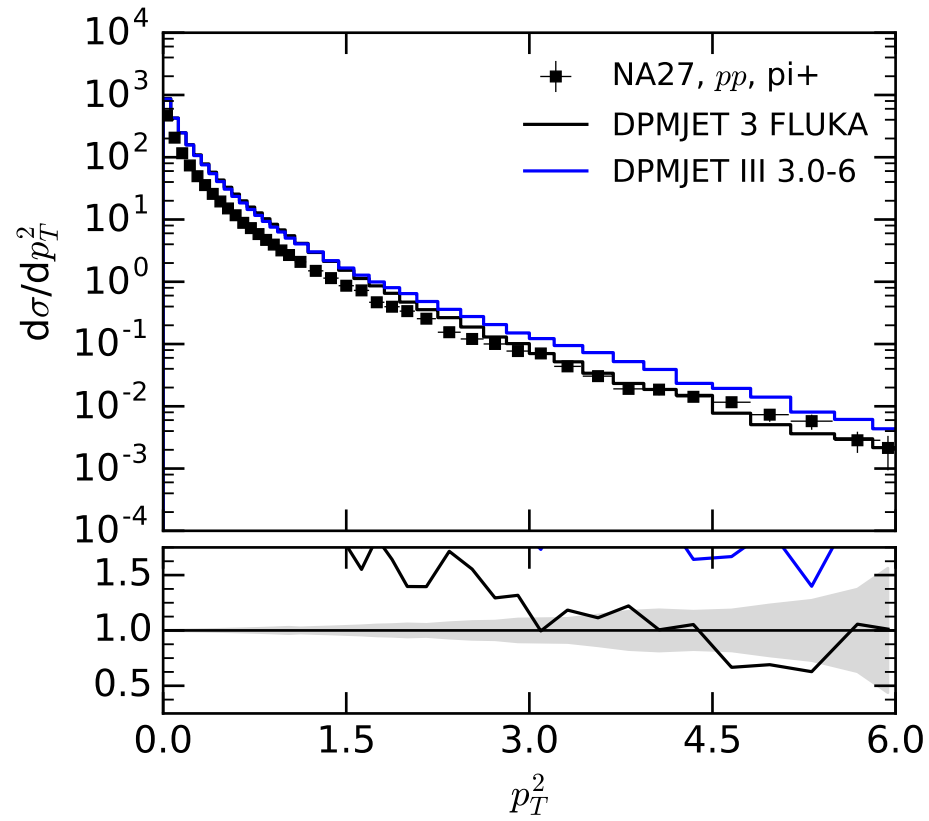
NA27: proton-proton

x_F - NA27 pp collisions at 400 GeV

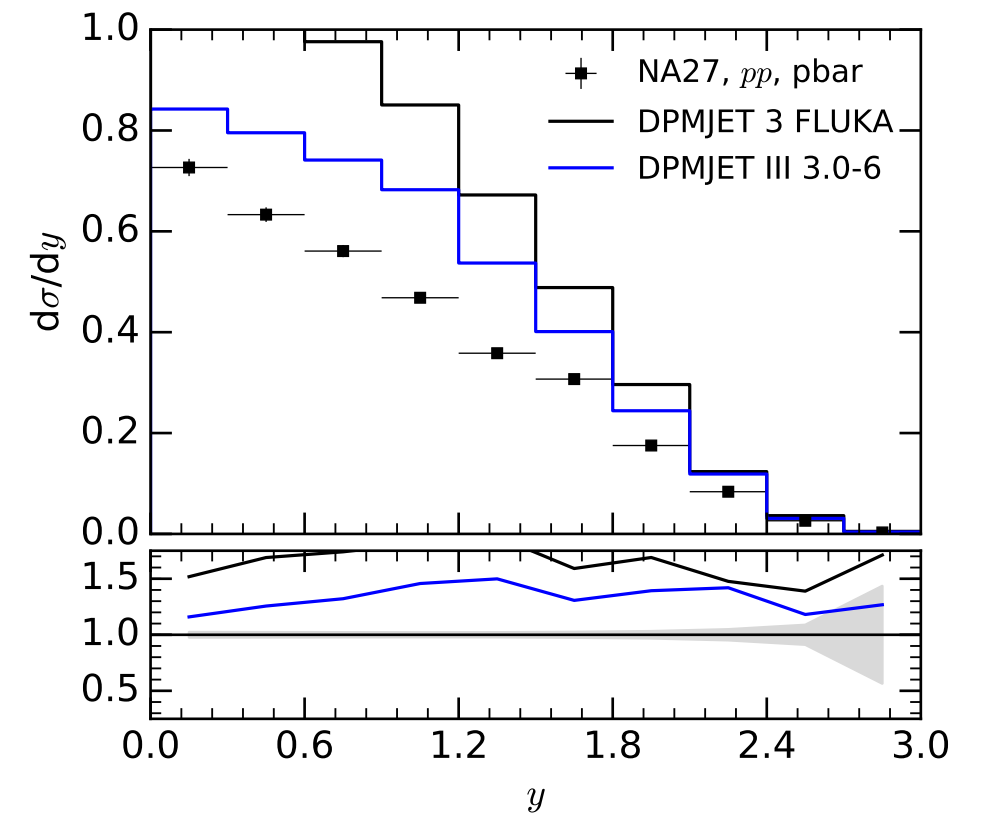
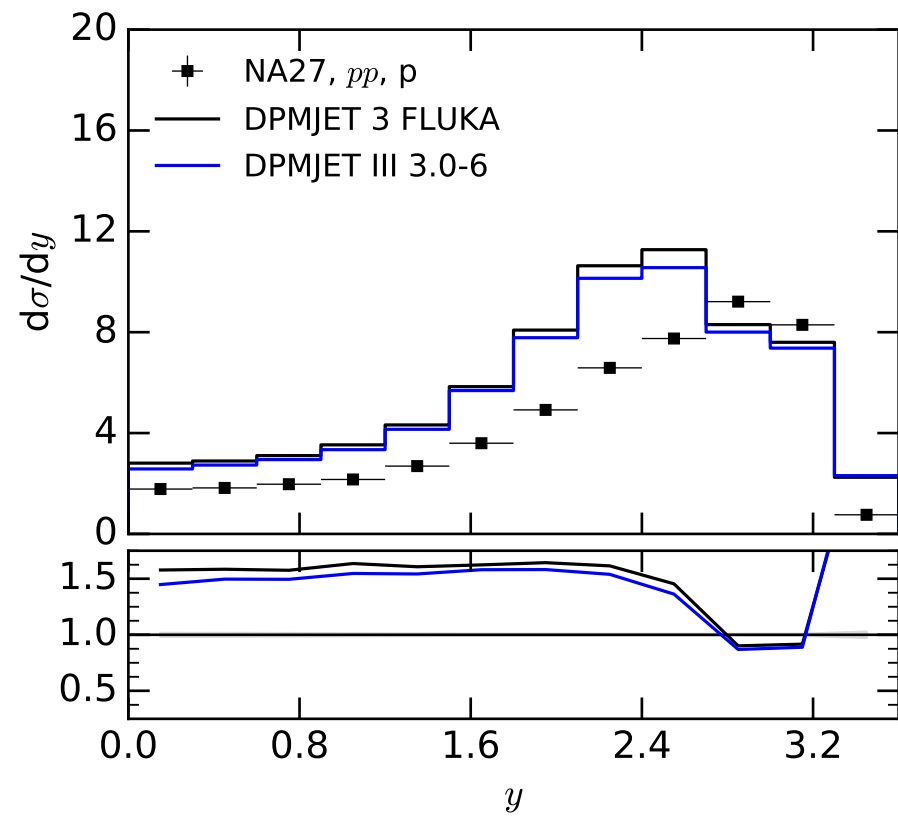
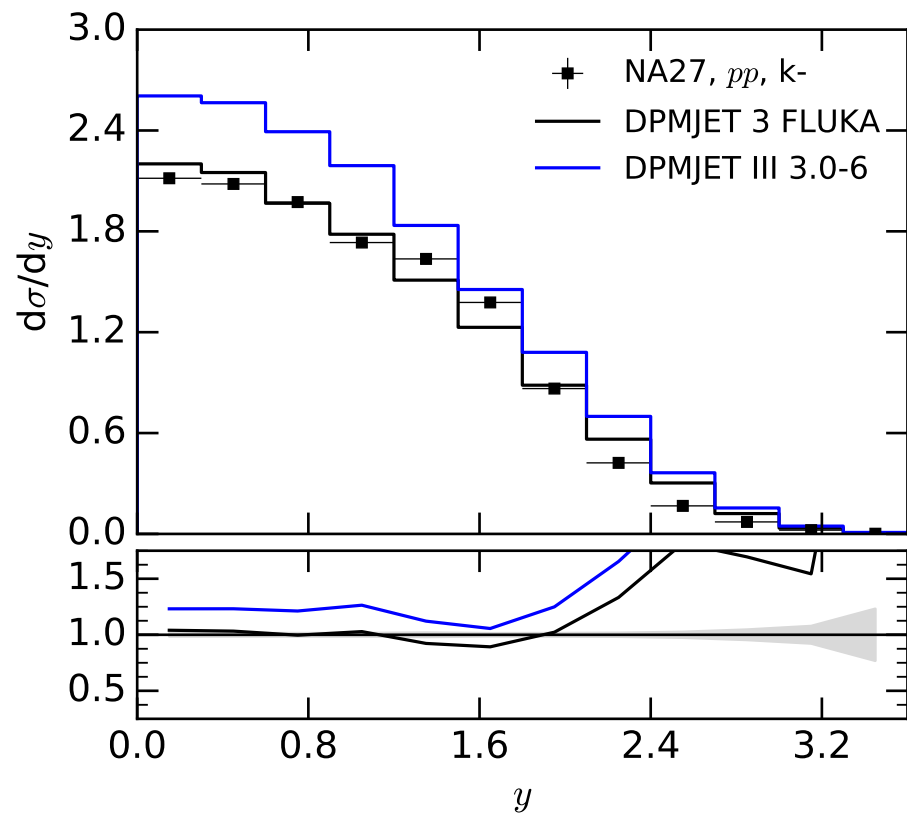
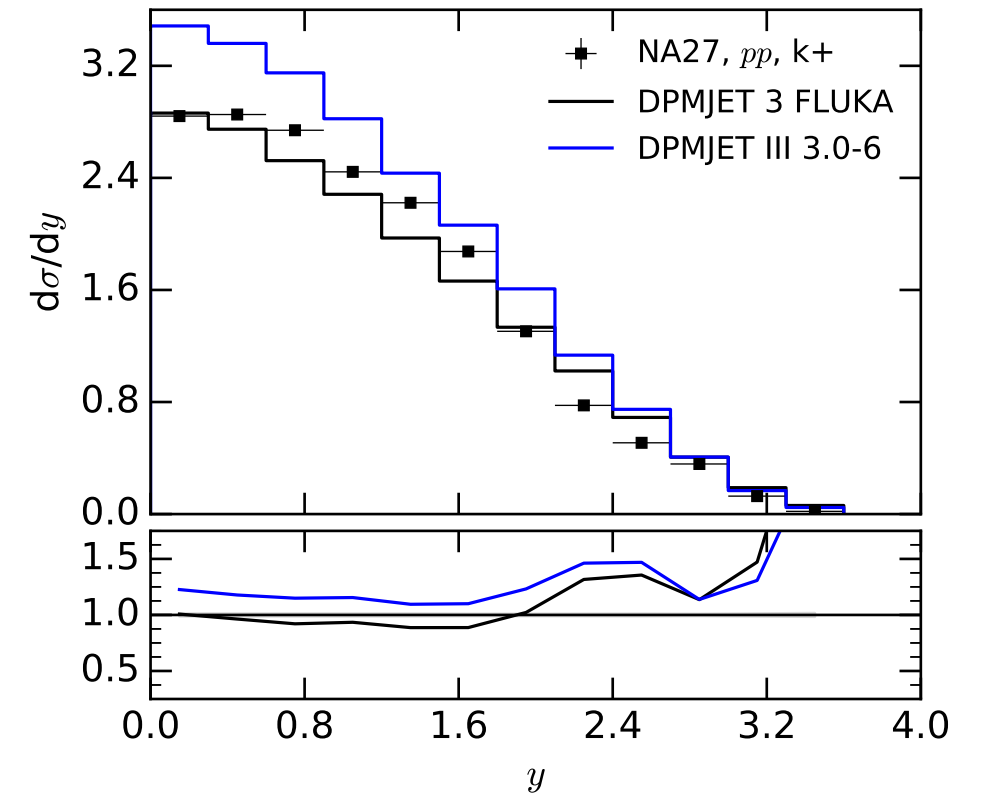
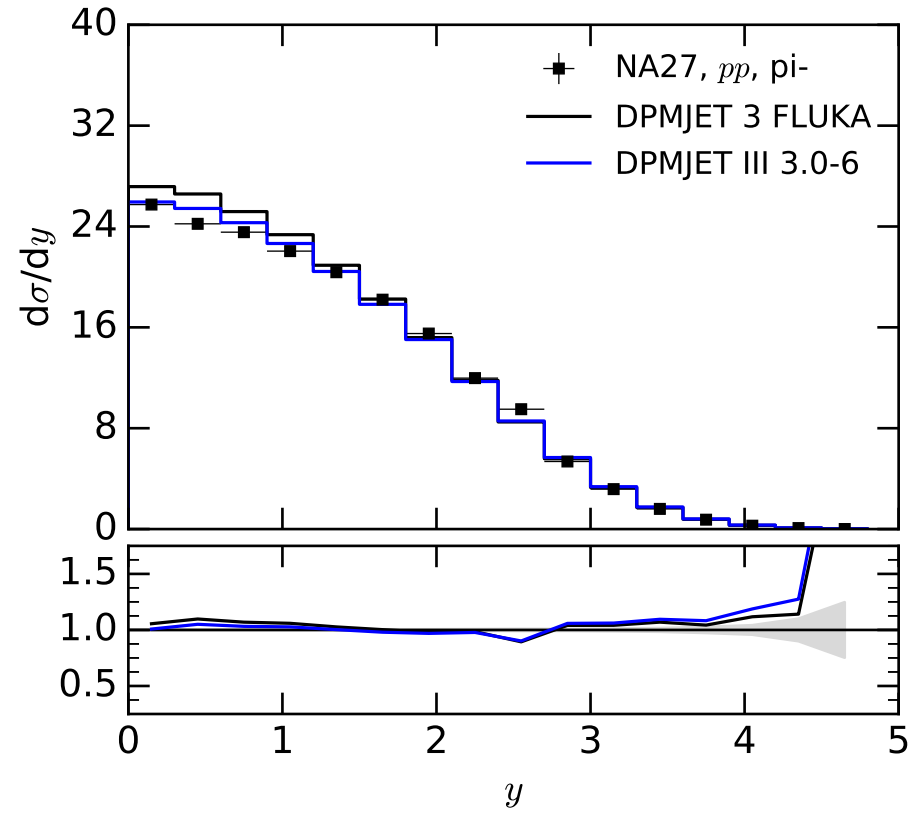
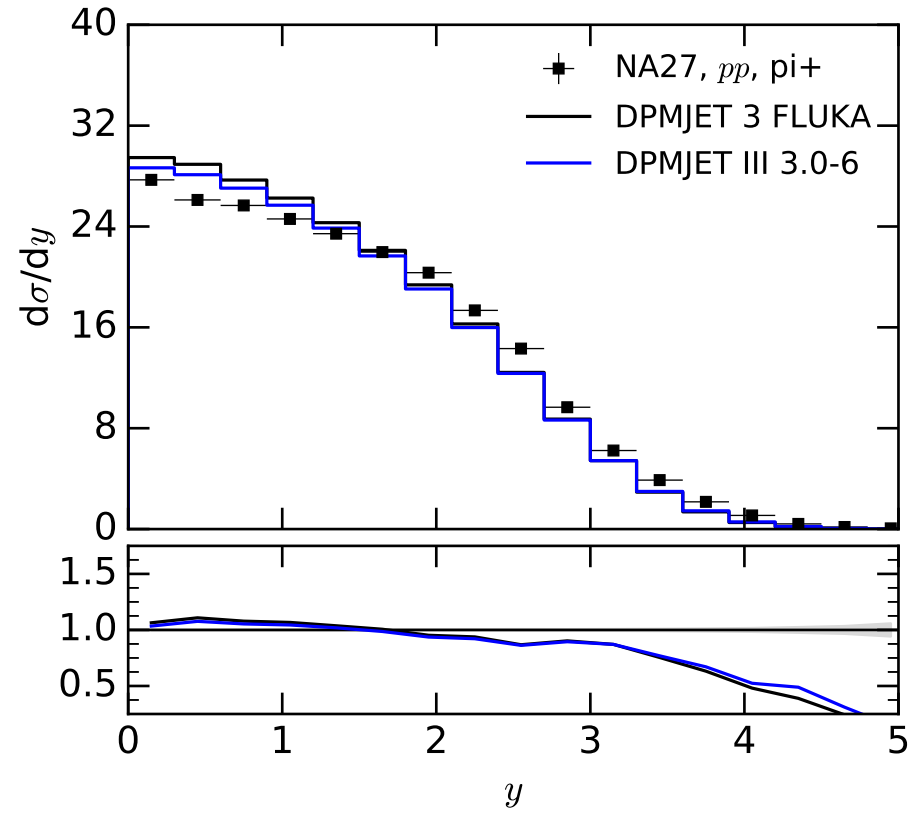


$F(x_F)$ - NA27 pp collisions at 400 GeV

p_T^2 - NA27 pp collisions at 400 GeV

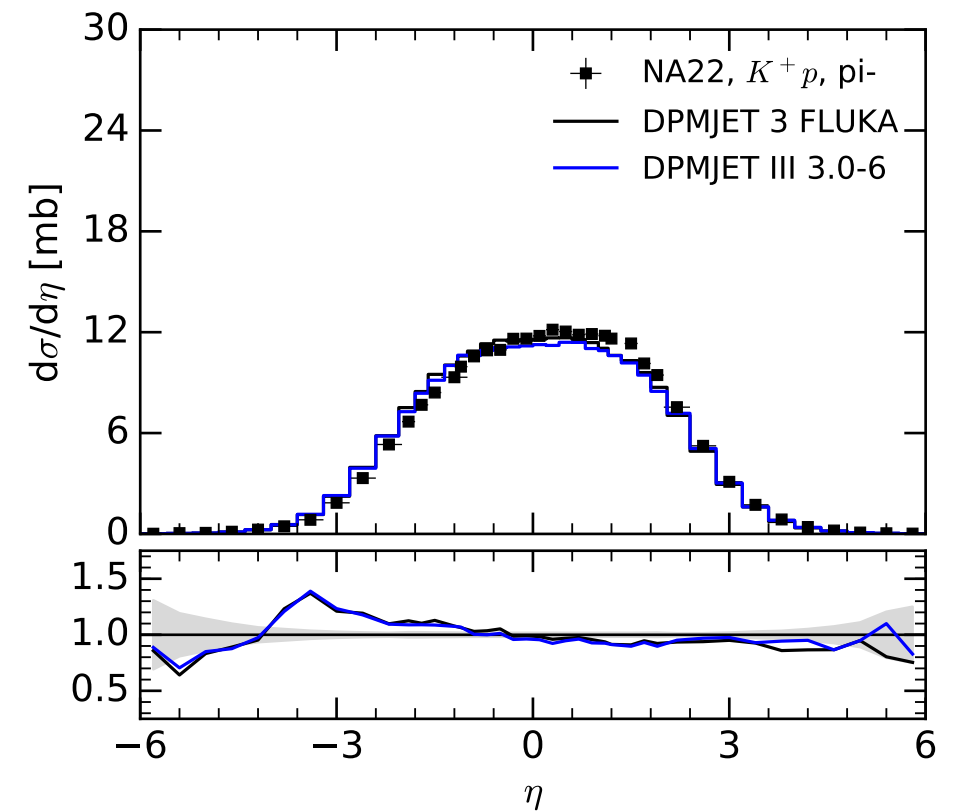
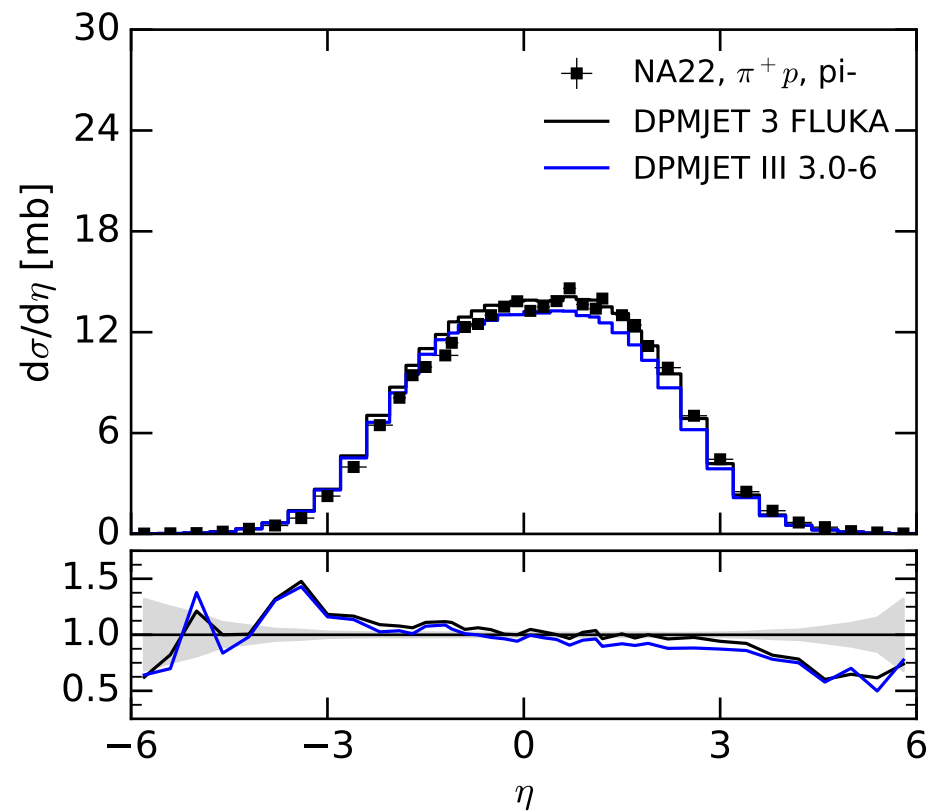
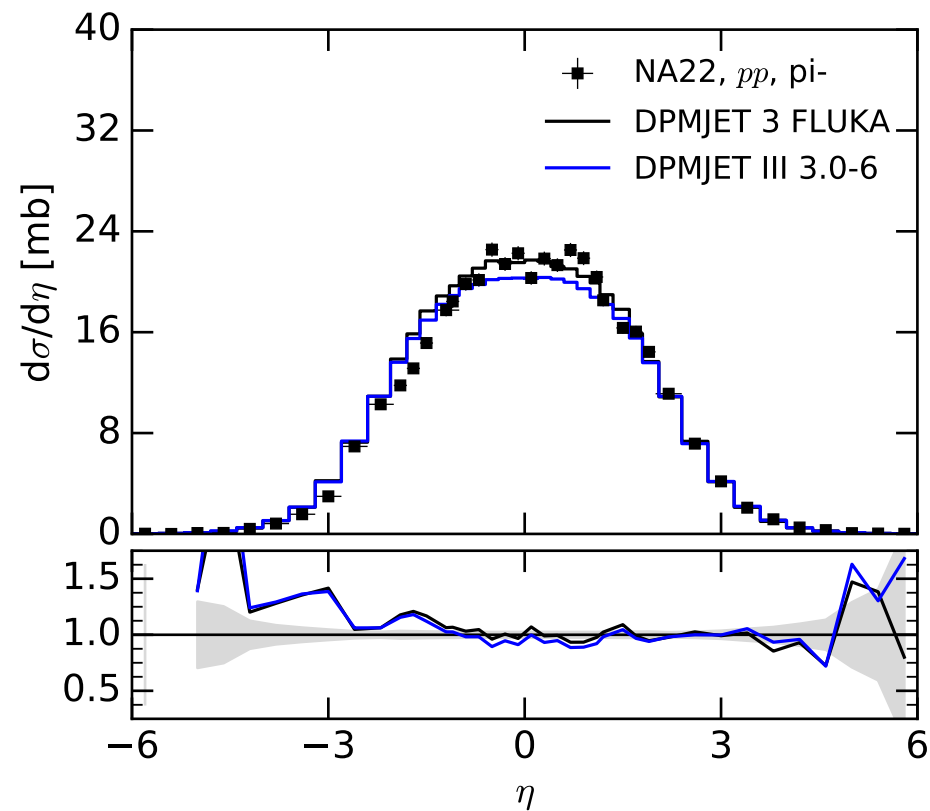
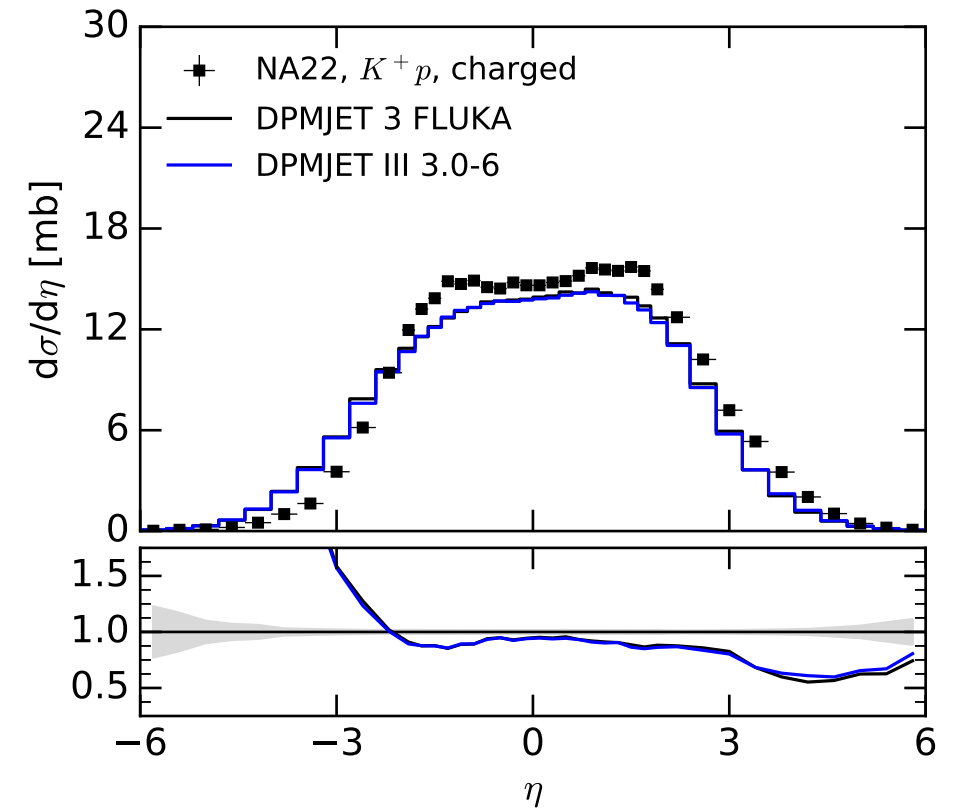
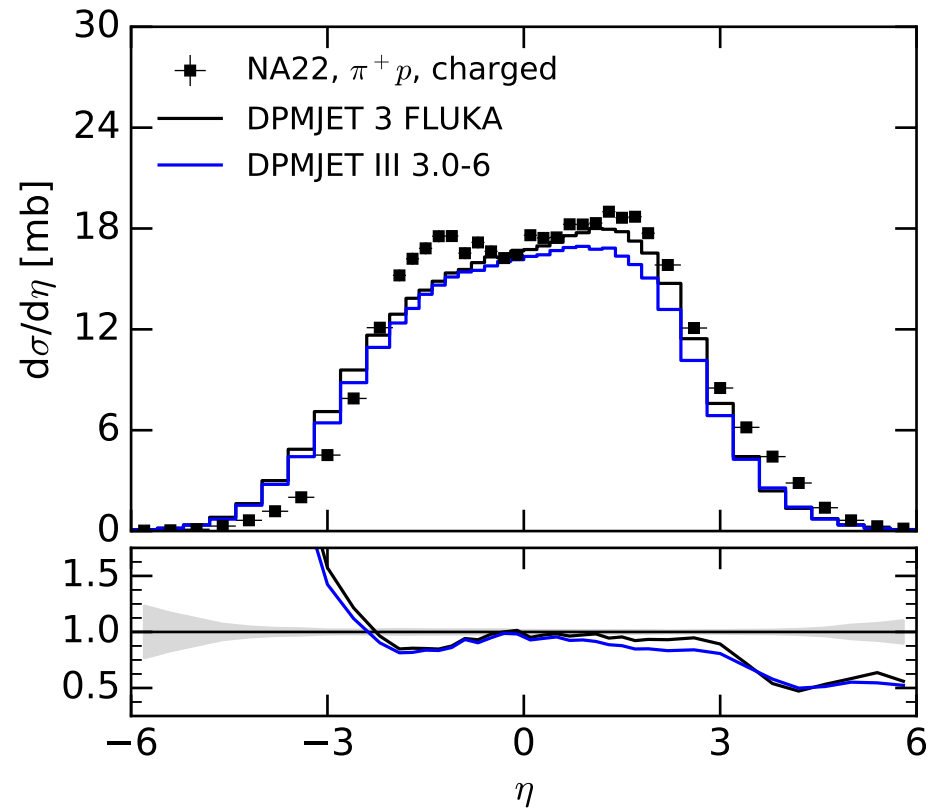
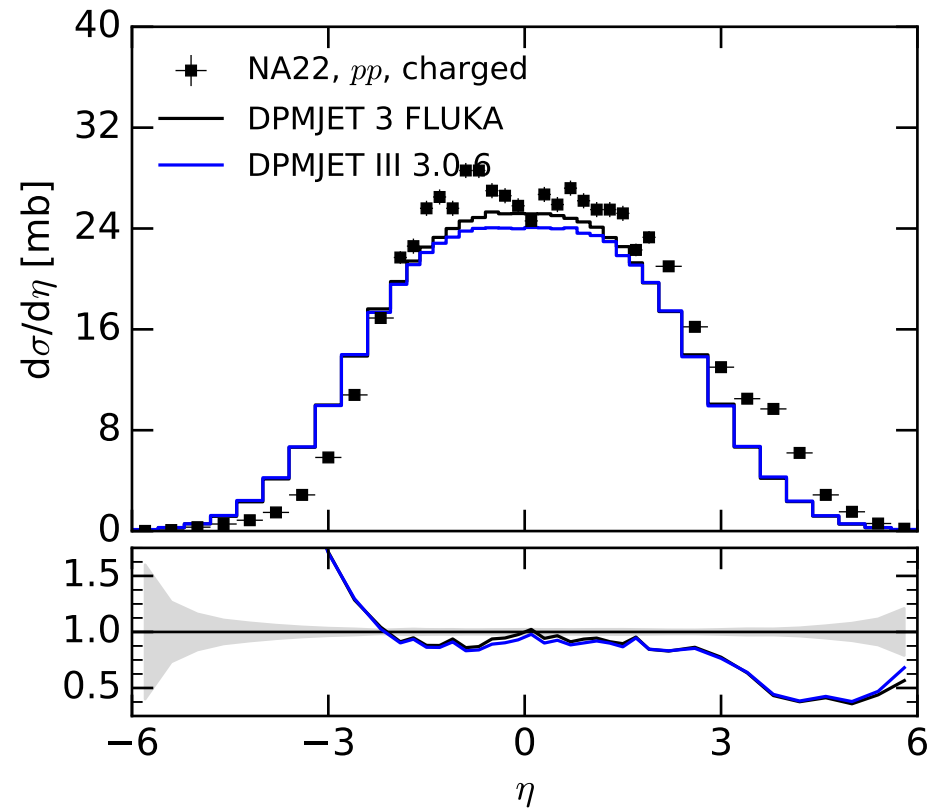


y - NA27 pp collisions at 158 GeV

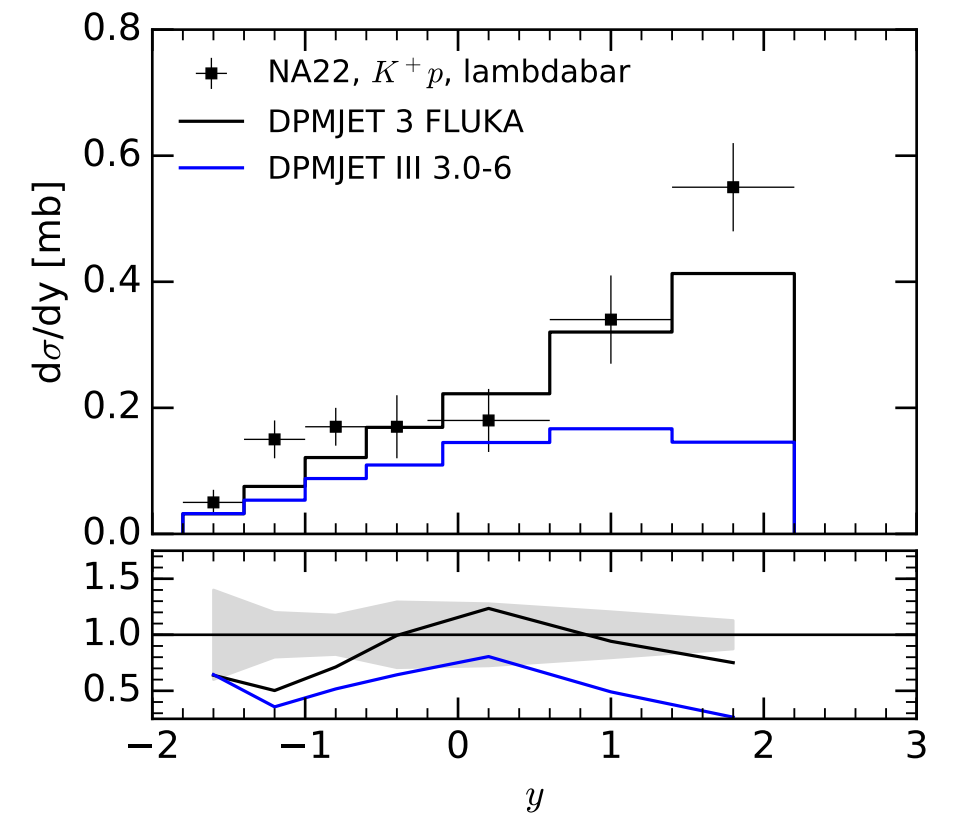
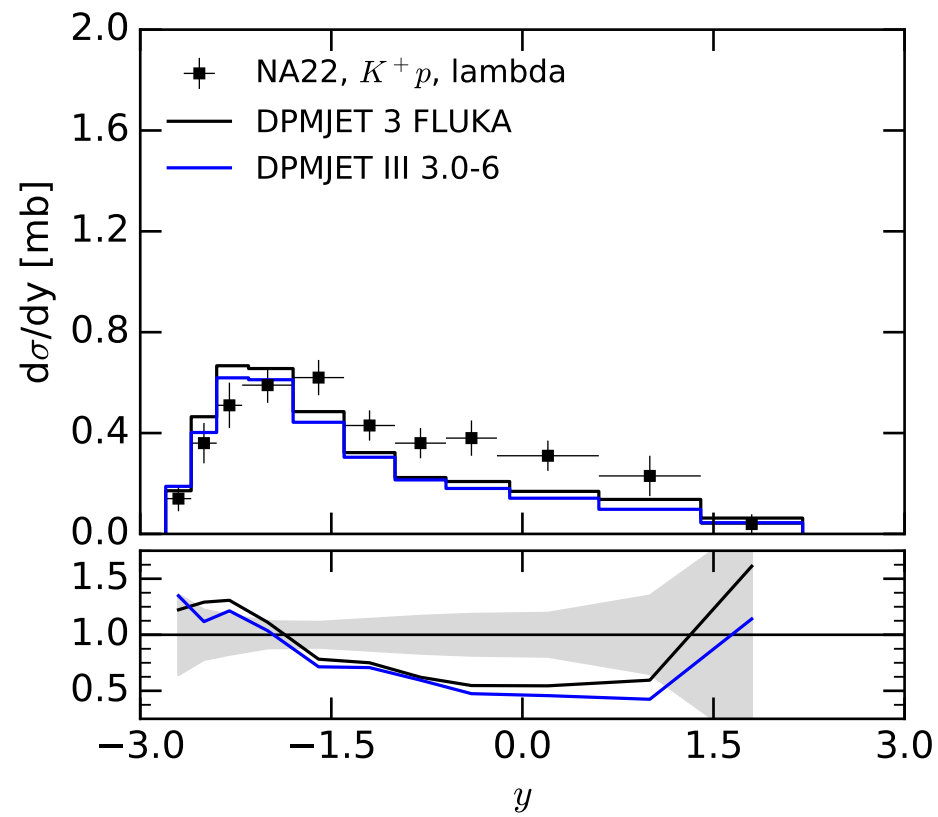
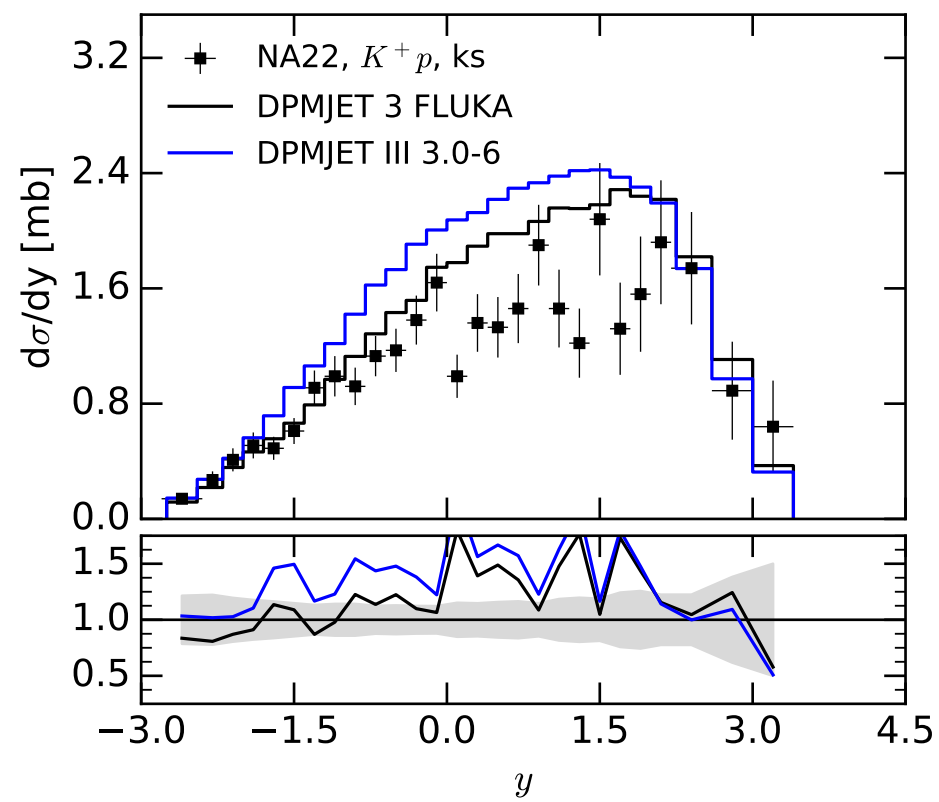
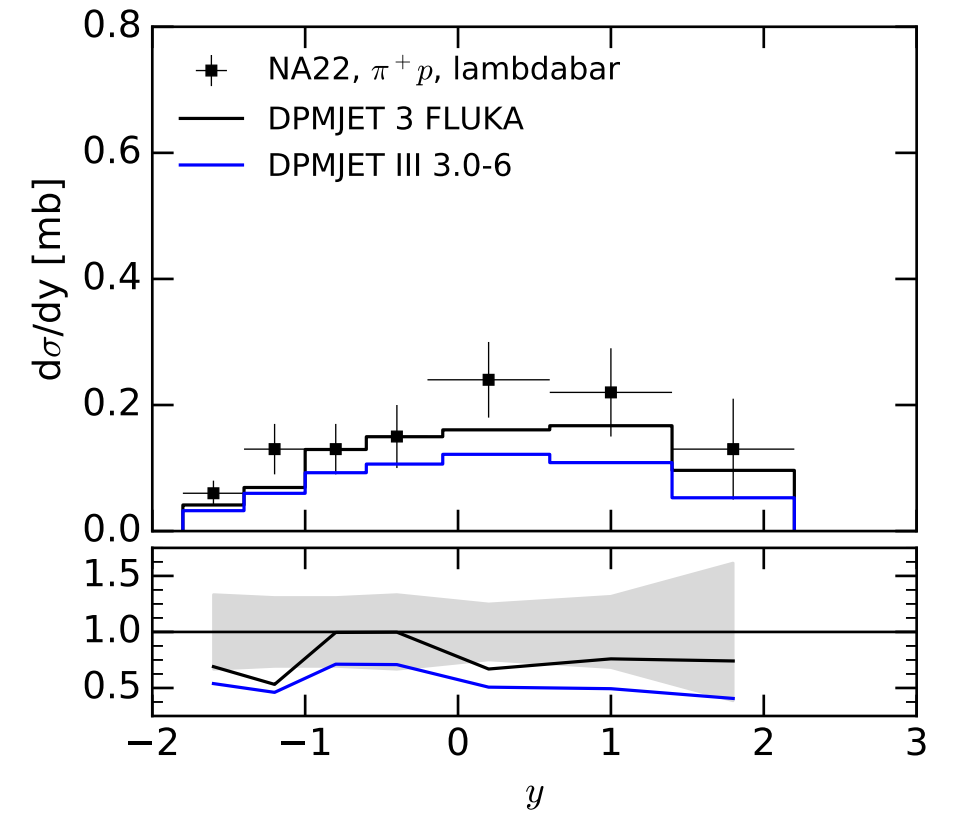
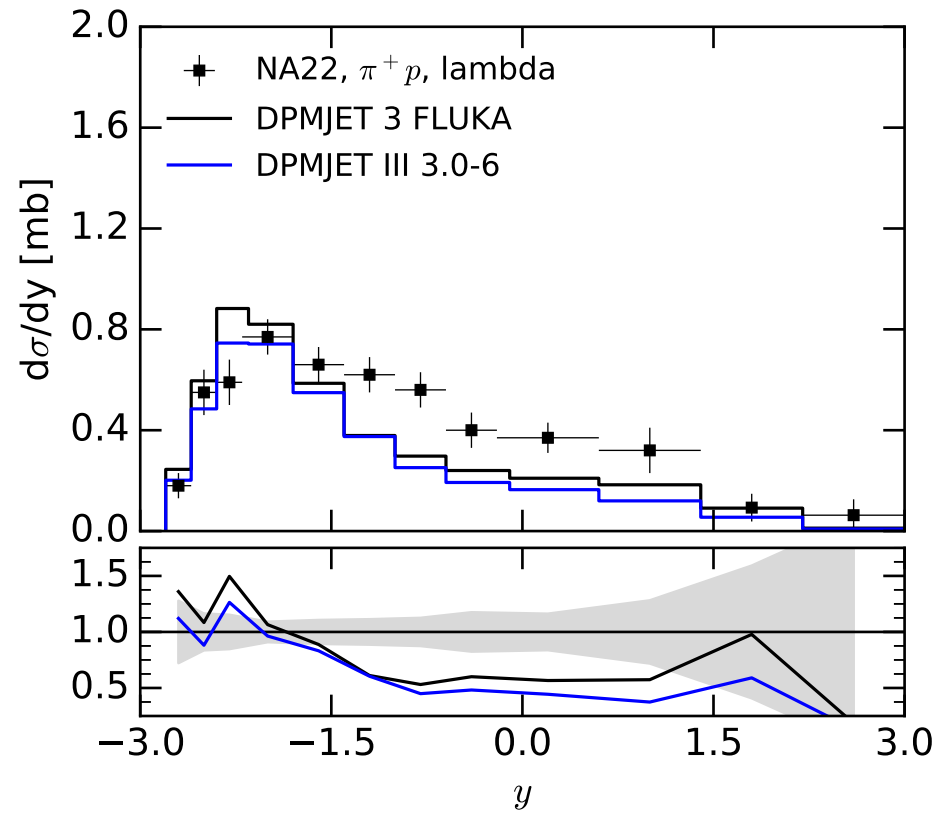
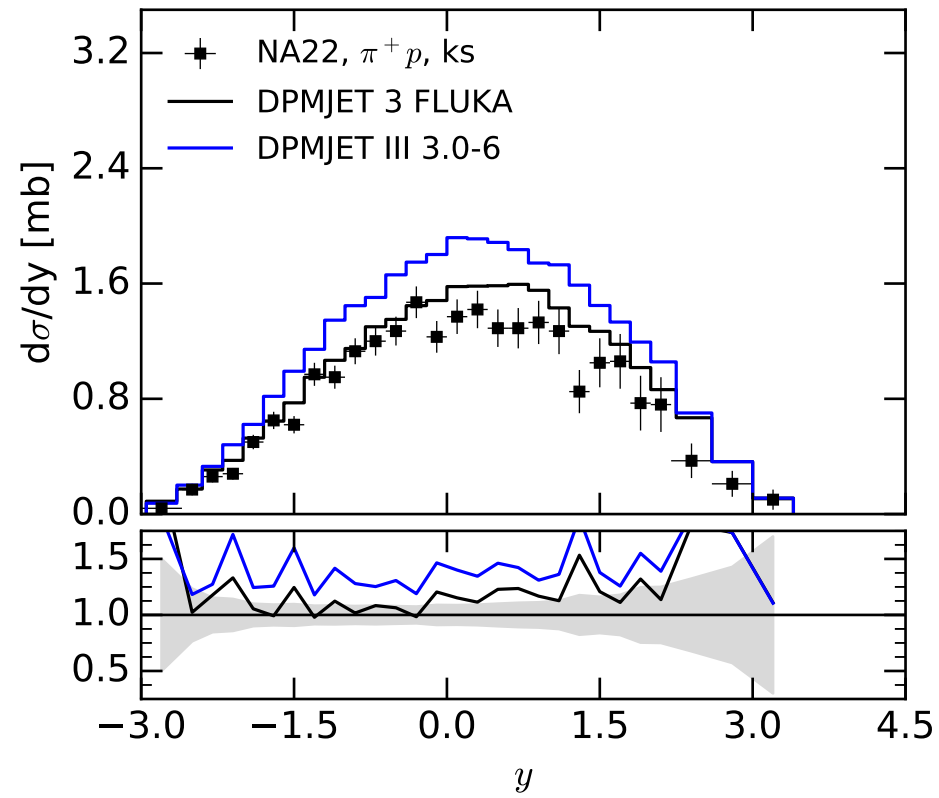


NA22: $p^-/\pi^-/K^-$ -proton

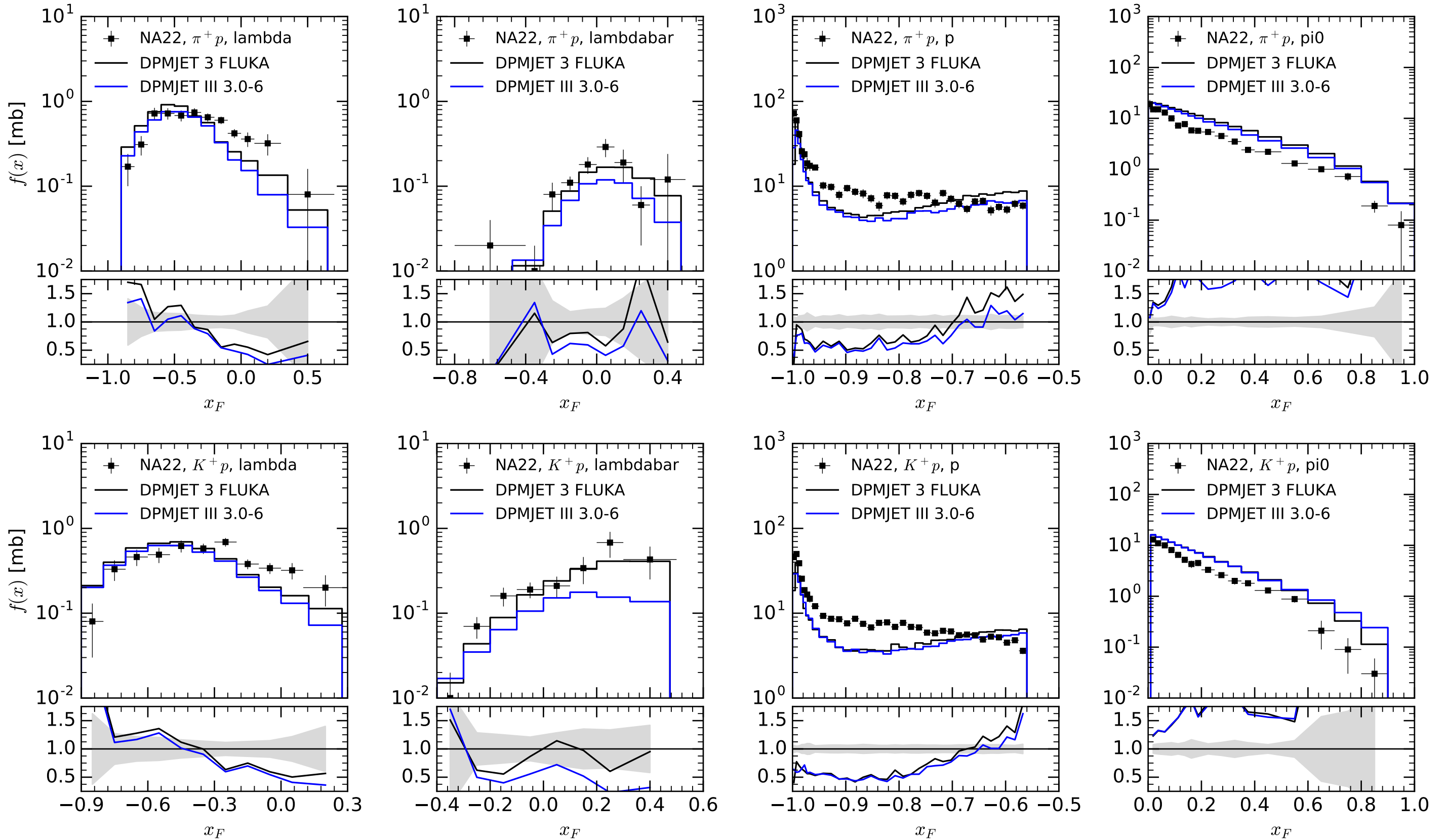
η - NA22 pp , π^+p and K^+p collisions at 250 GeV



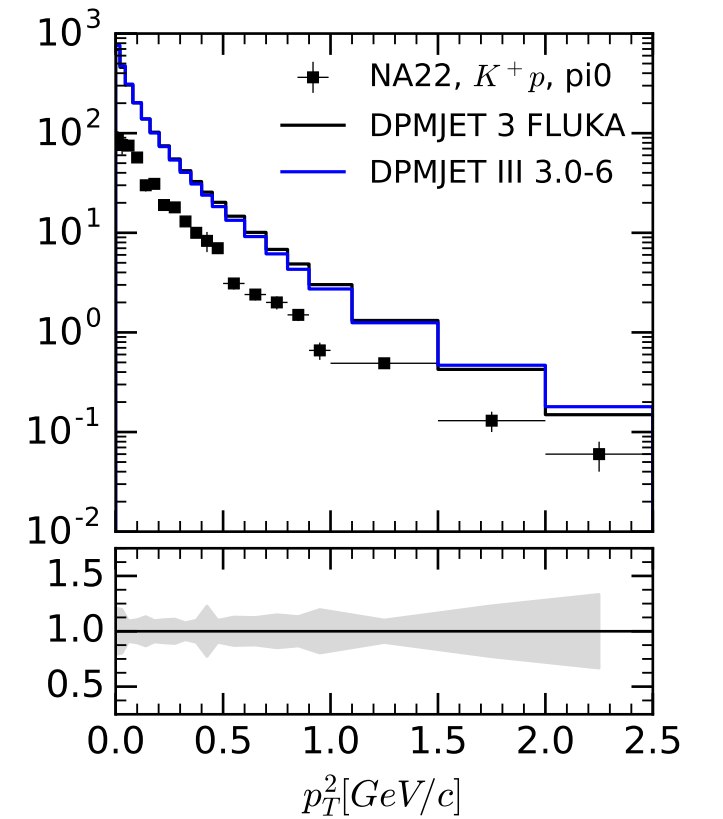
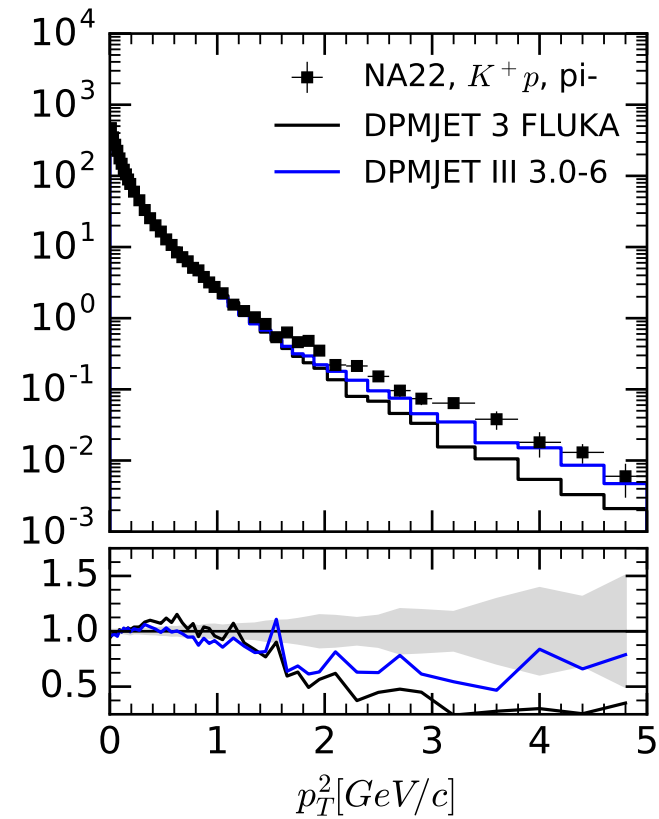
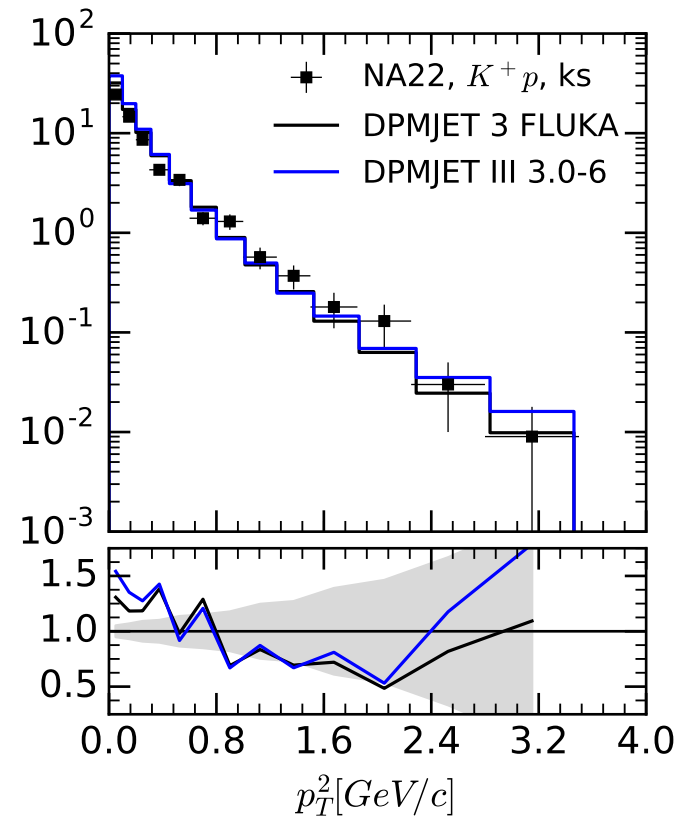
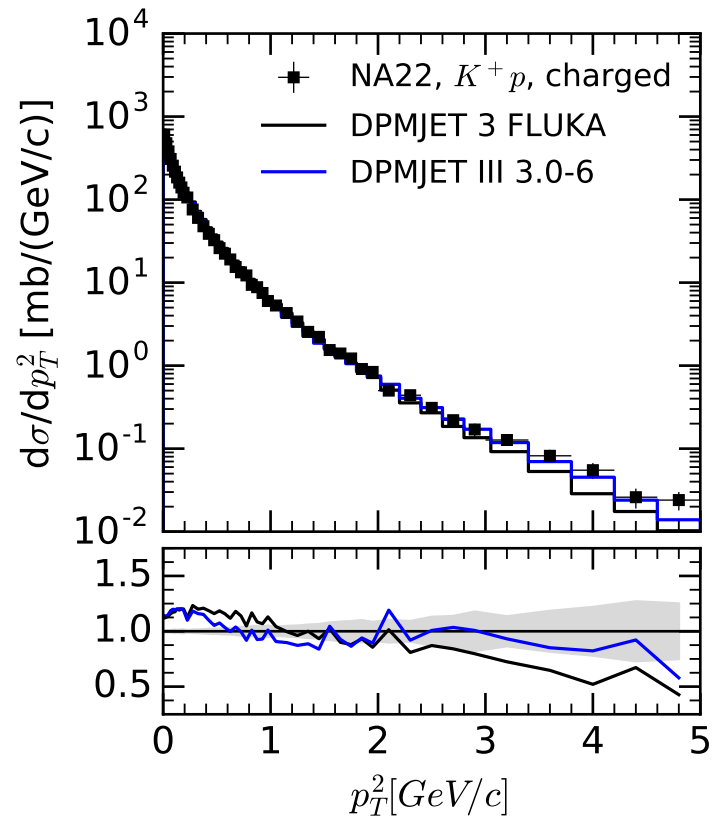
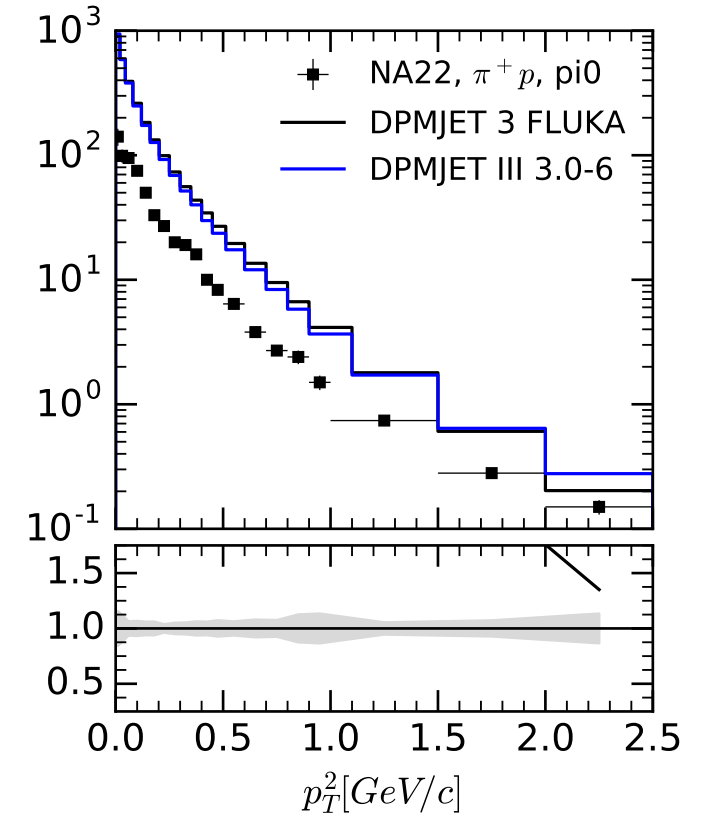
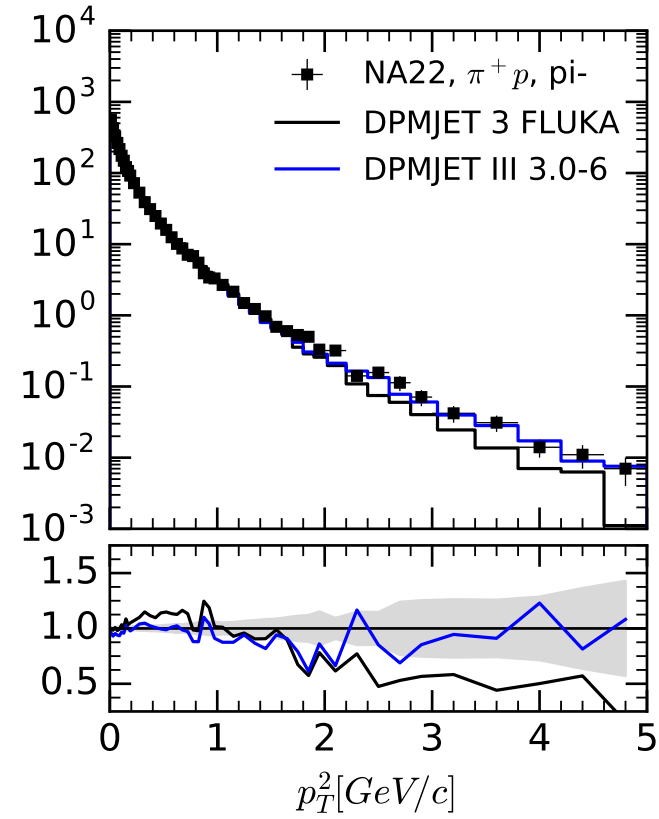
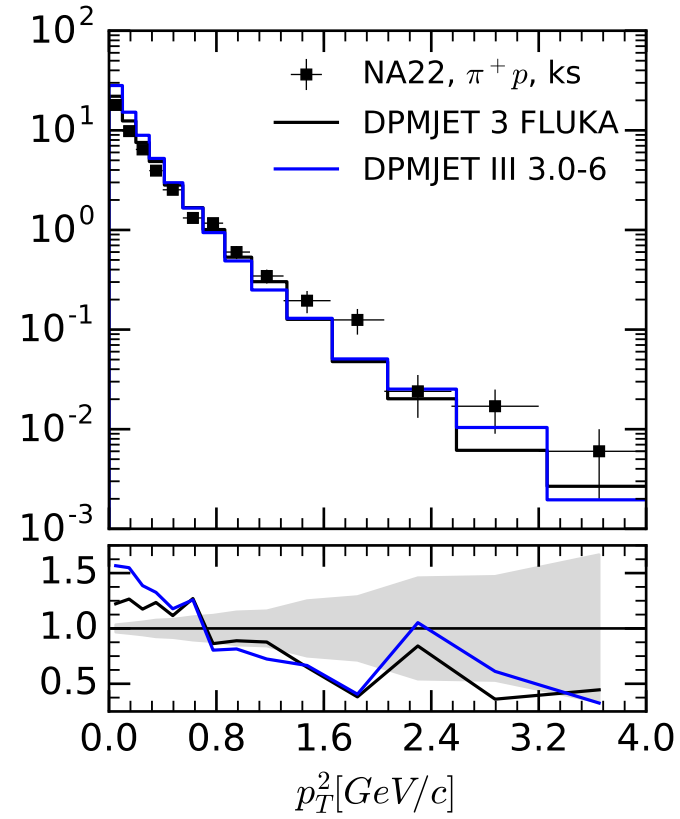
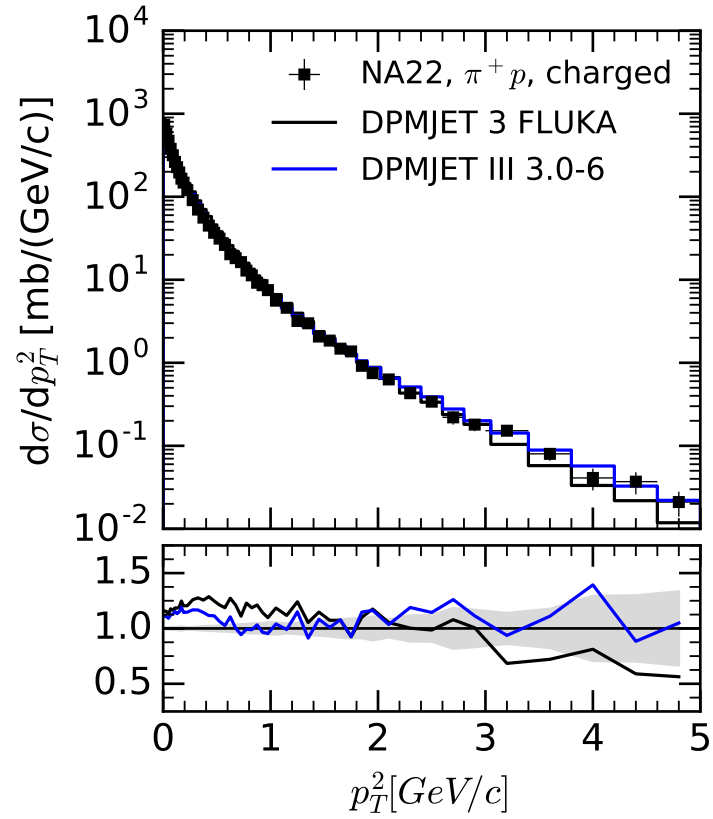
y - NA22 $\pi^+ p$ and $K^+ p$ collisions at 250 GeV



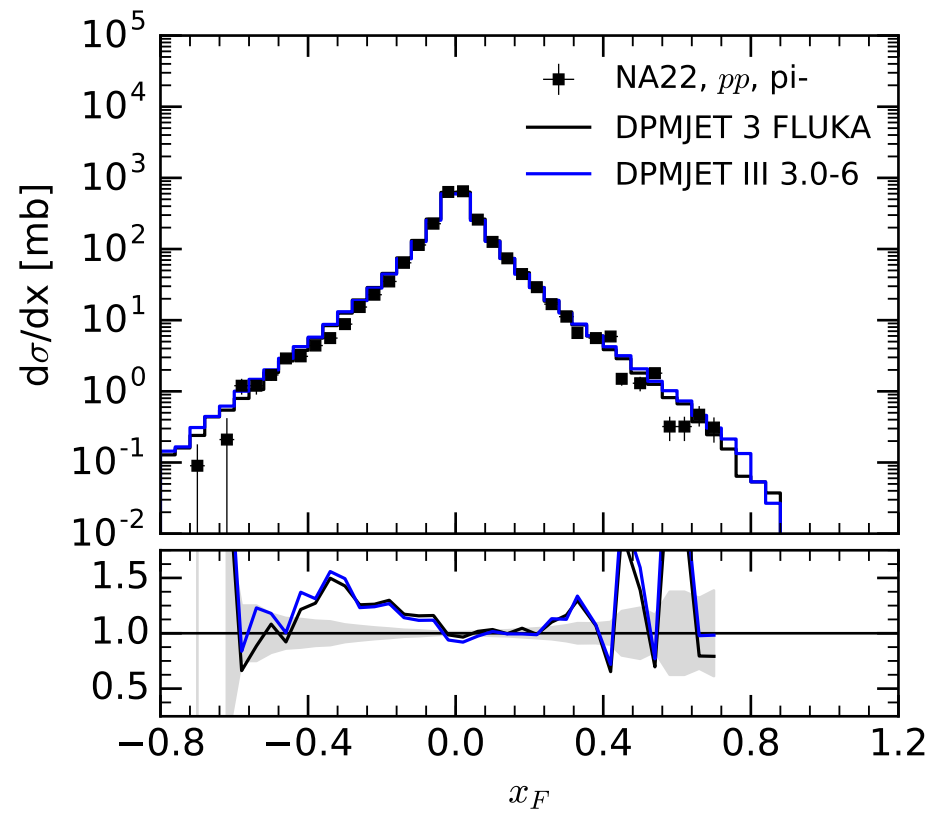
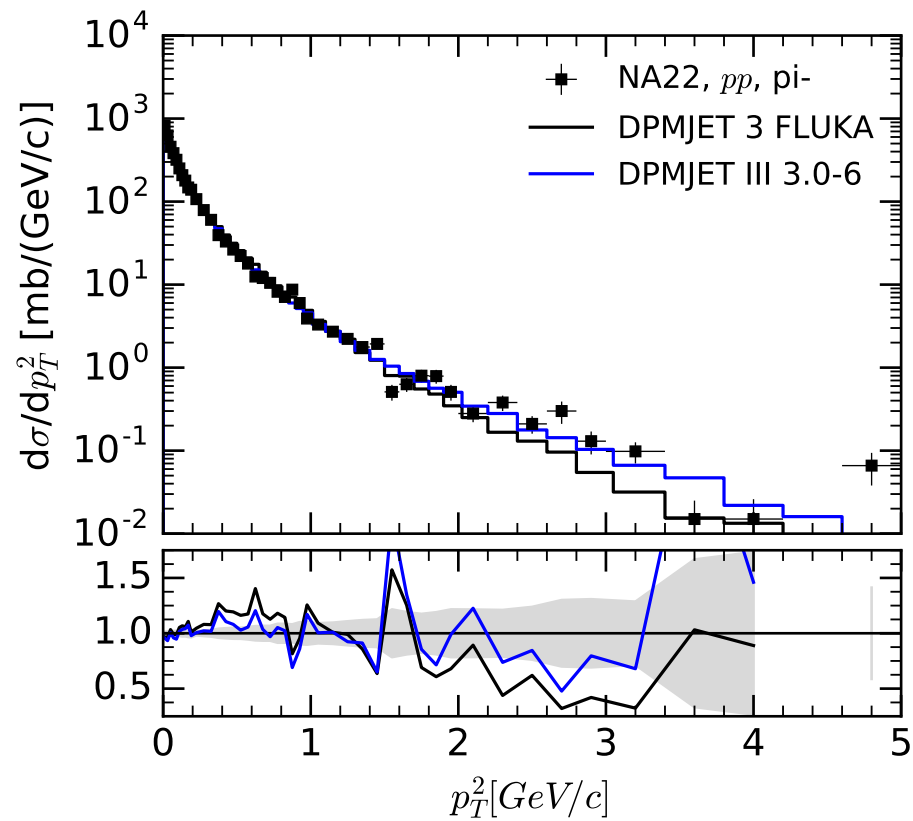
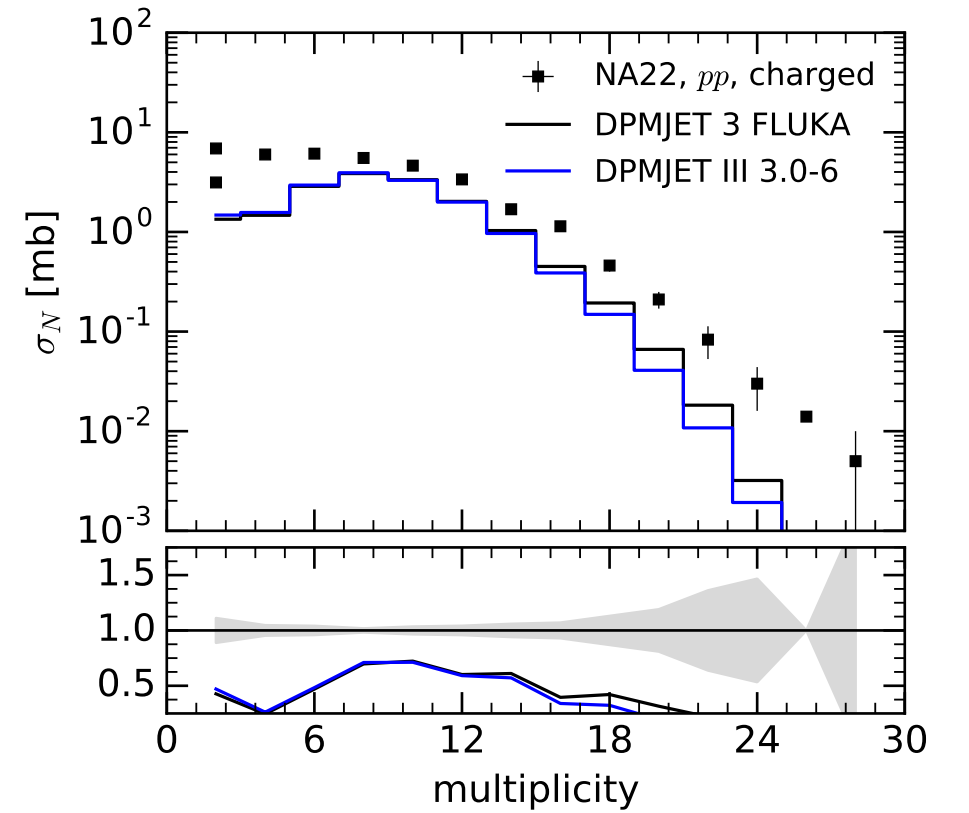
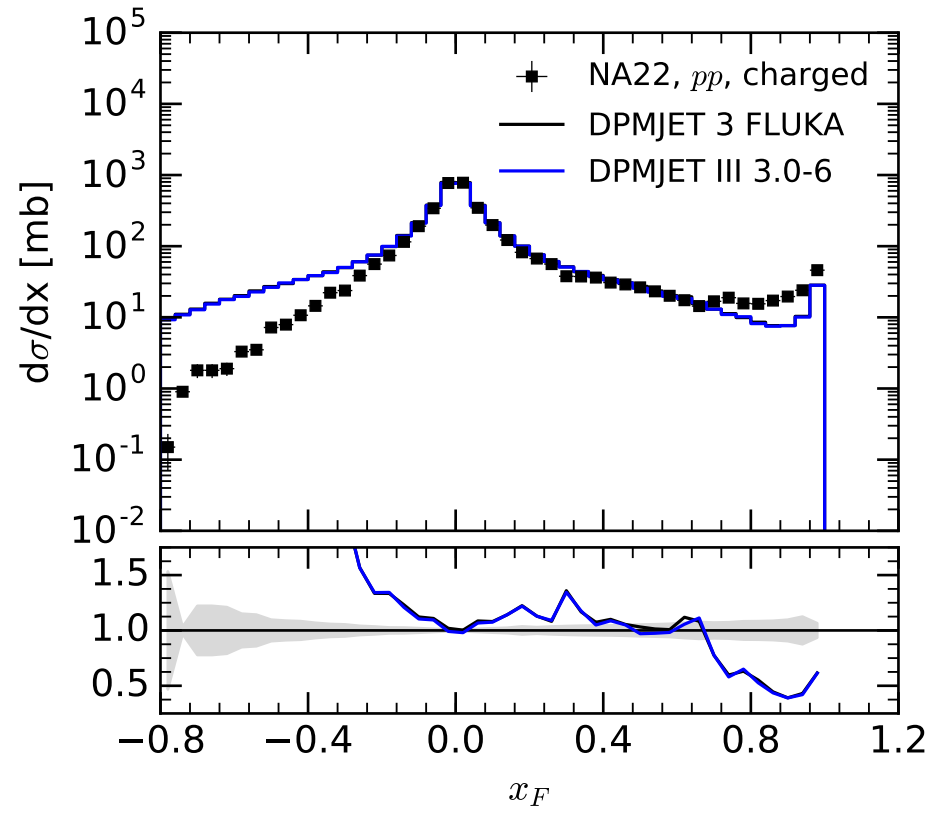
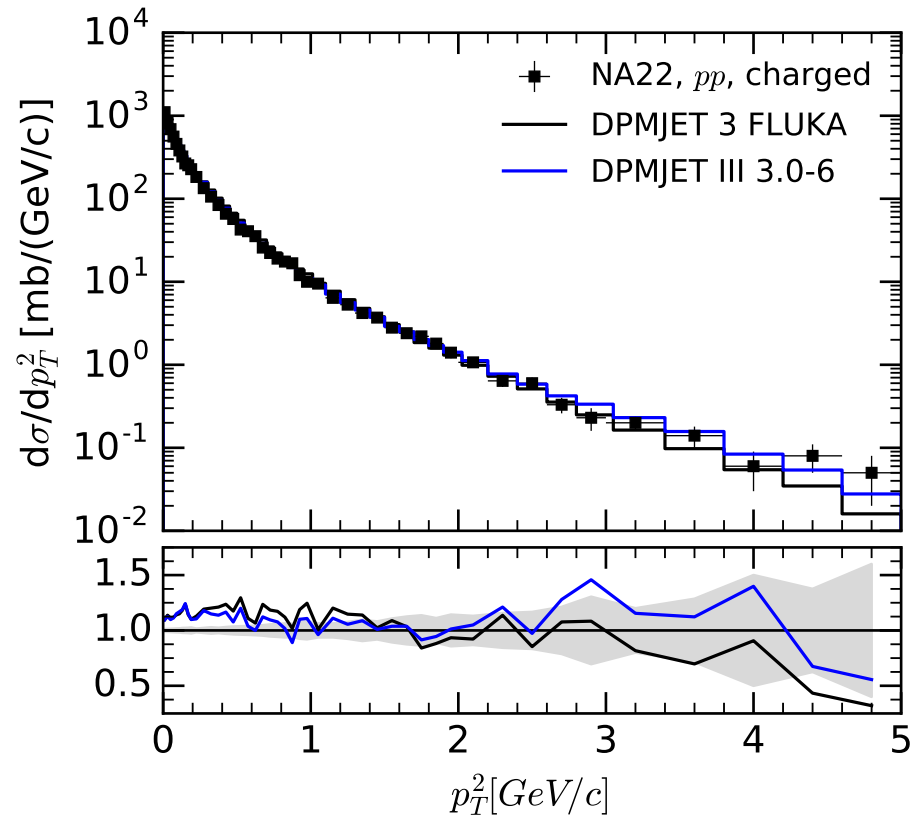
$f(x)$ - NA22 $\pi^+ p$ and $K^+ p$ collisions at 250 GeV



p_T^2 - NA22 $\pi^+ p$ and $K^+ p$ collisions at 250 GeV

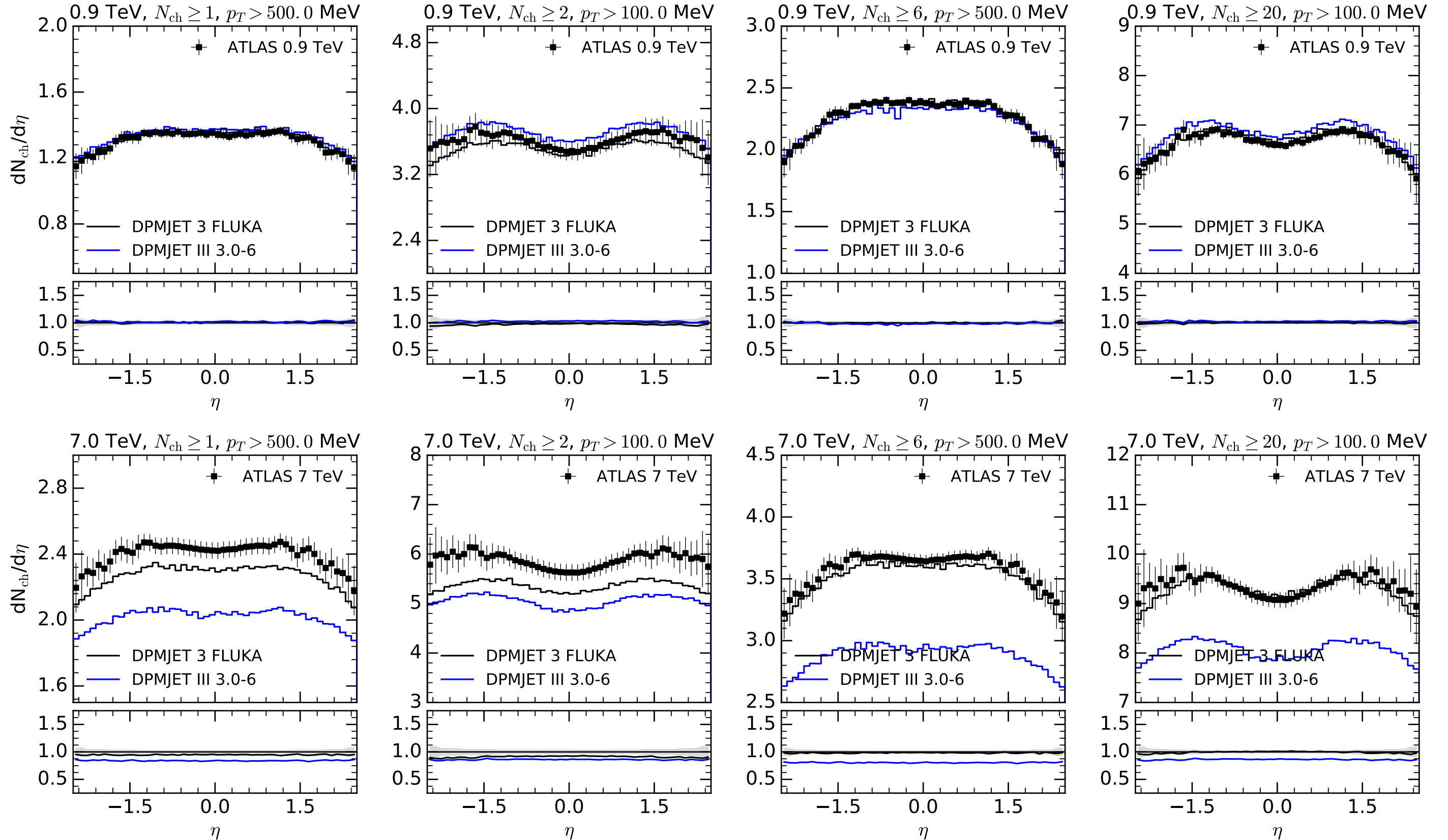


y - NA22 pp collisions at 250 GeV

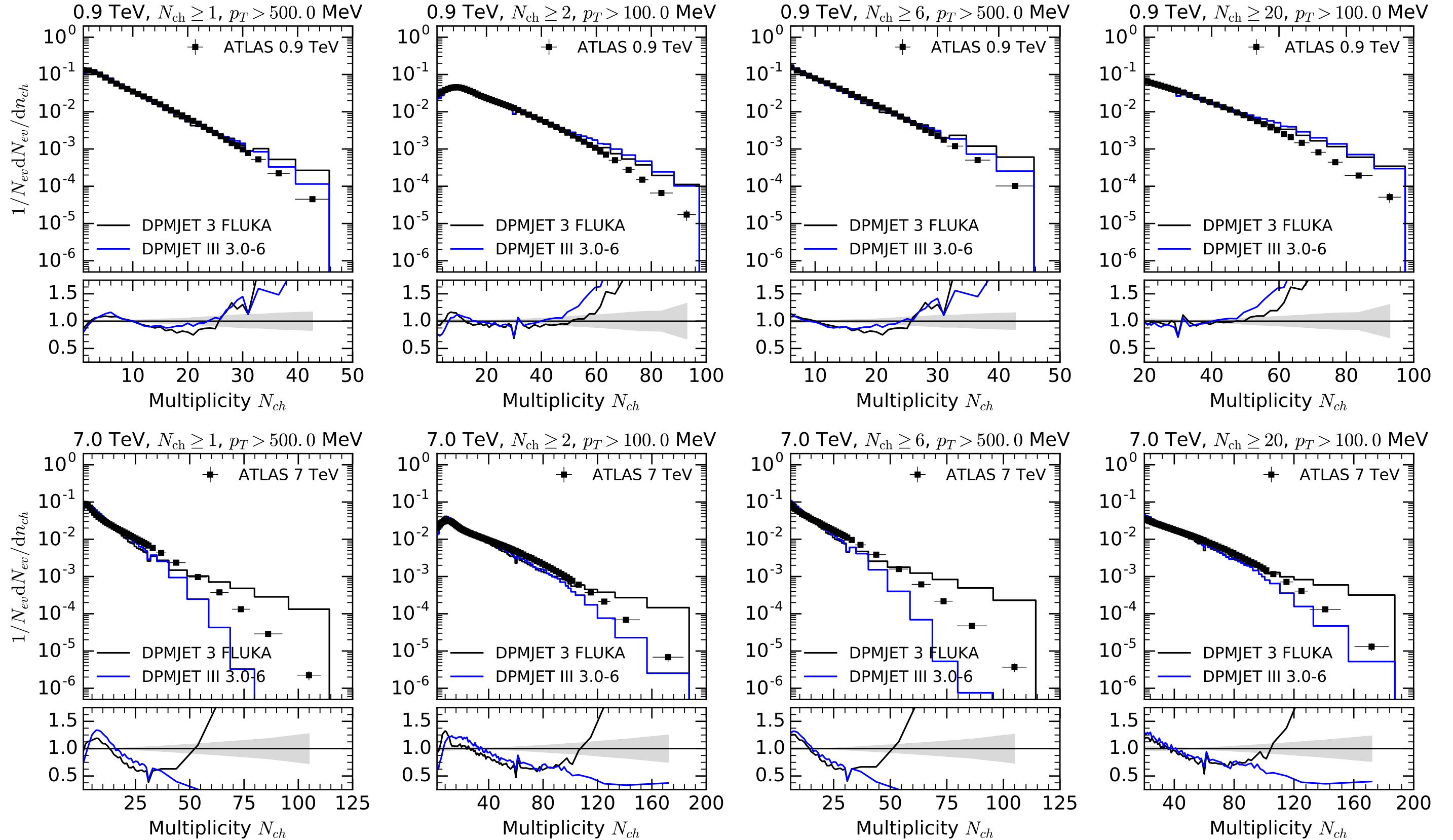


LHC: ATLAS Minimum Bias

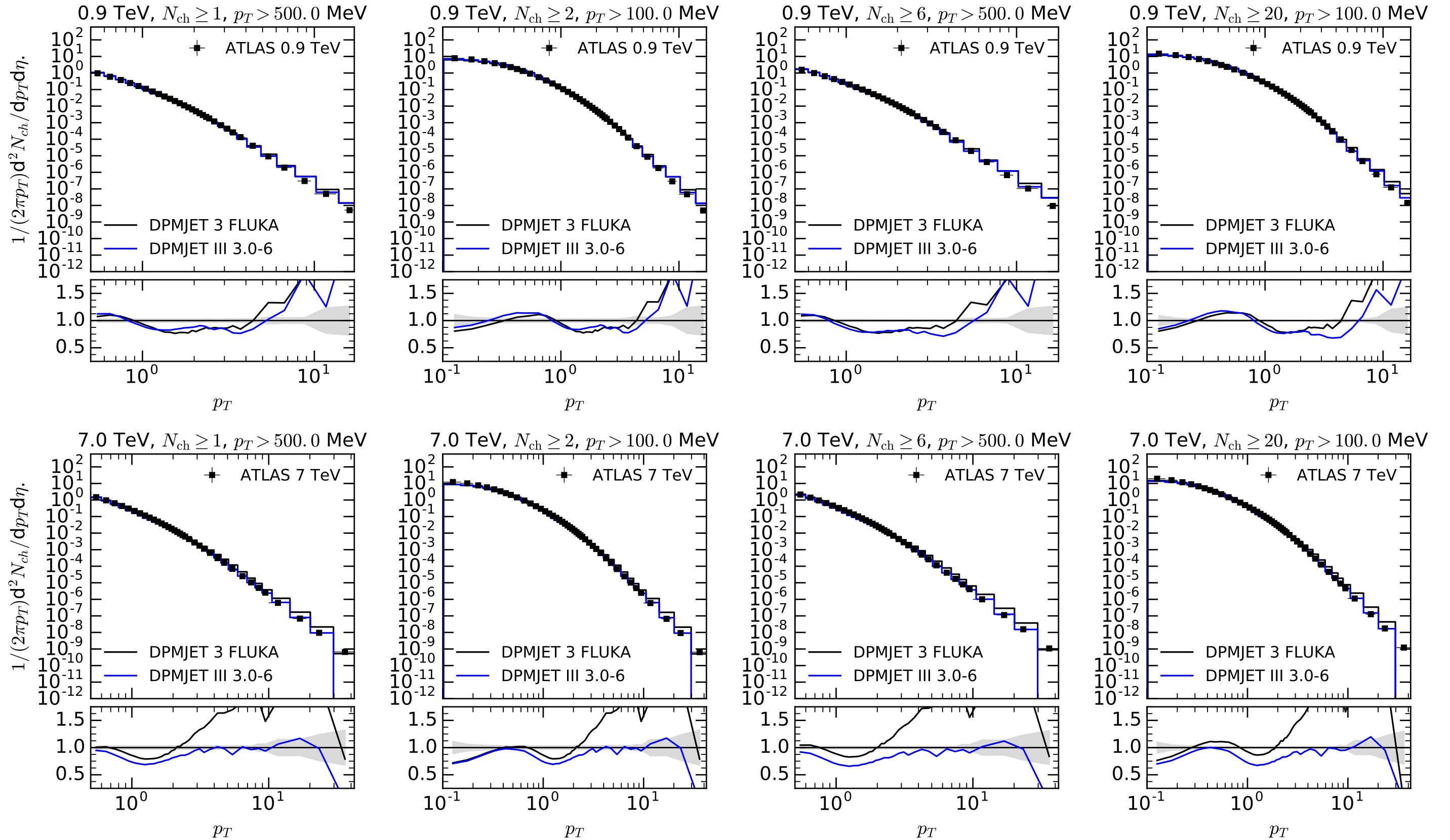
ATLAS - Charged particle pseudorapidity density.



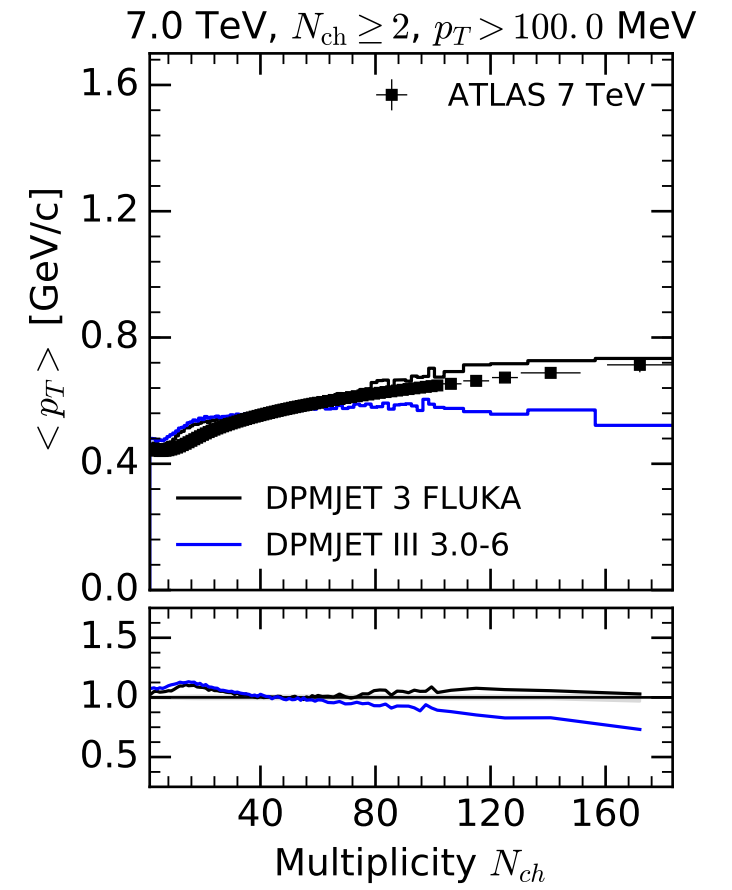
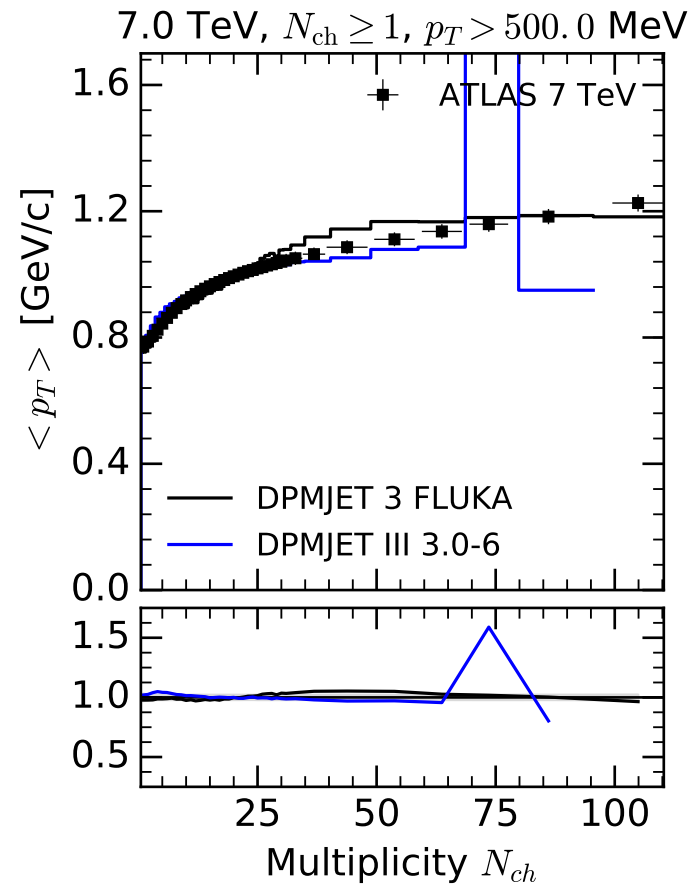
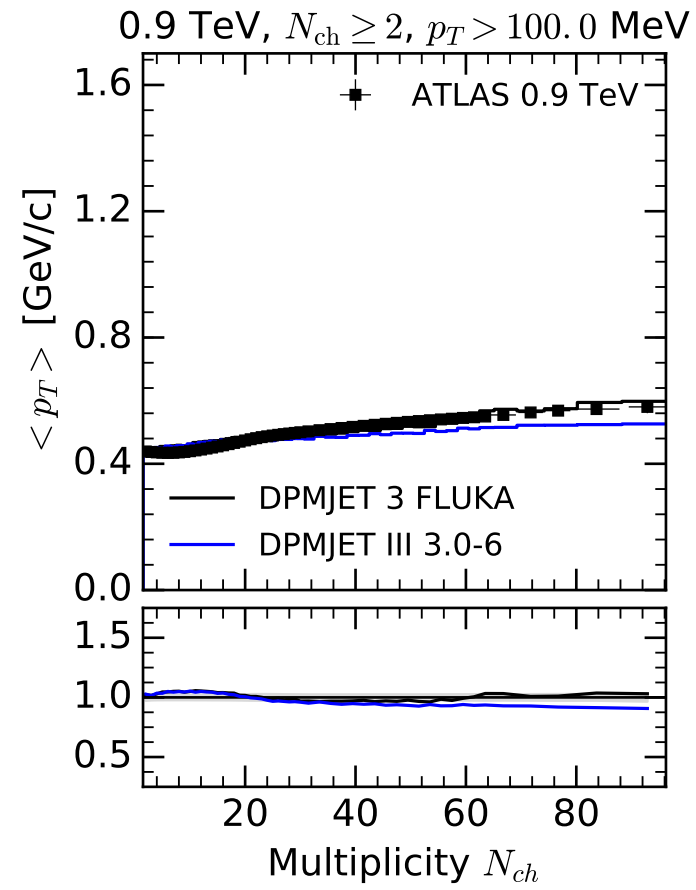
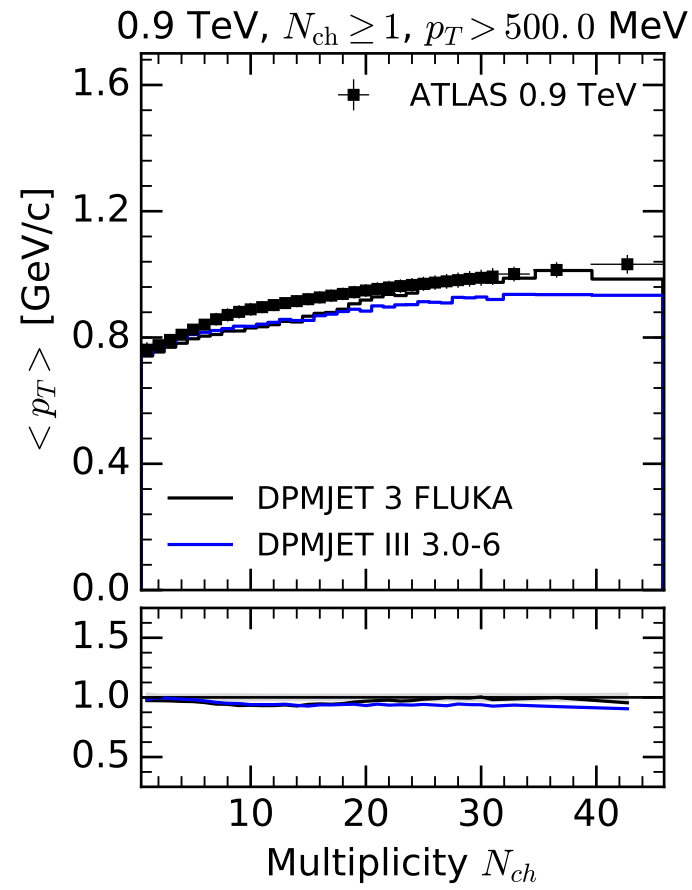
ATLAS - Charged particle multiplicity distributions.



ATLAS - Transverse momentum distributions.

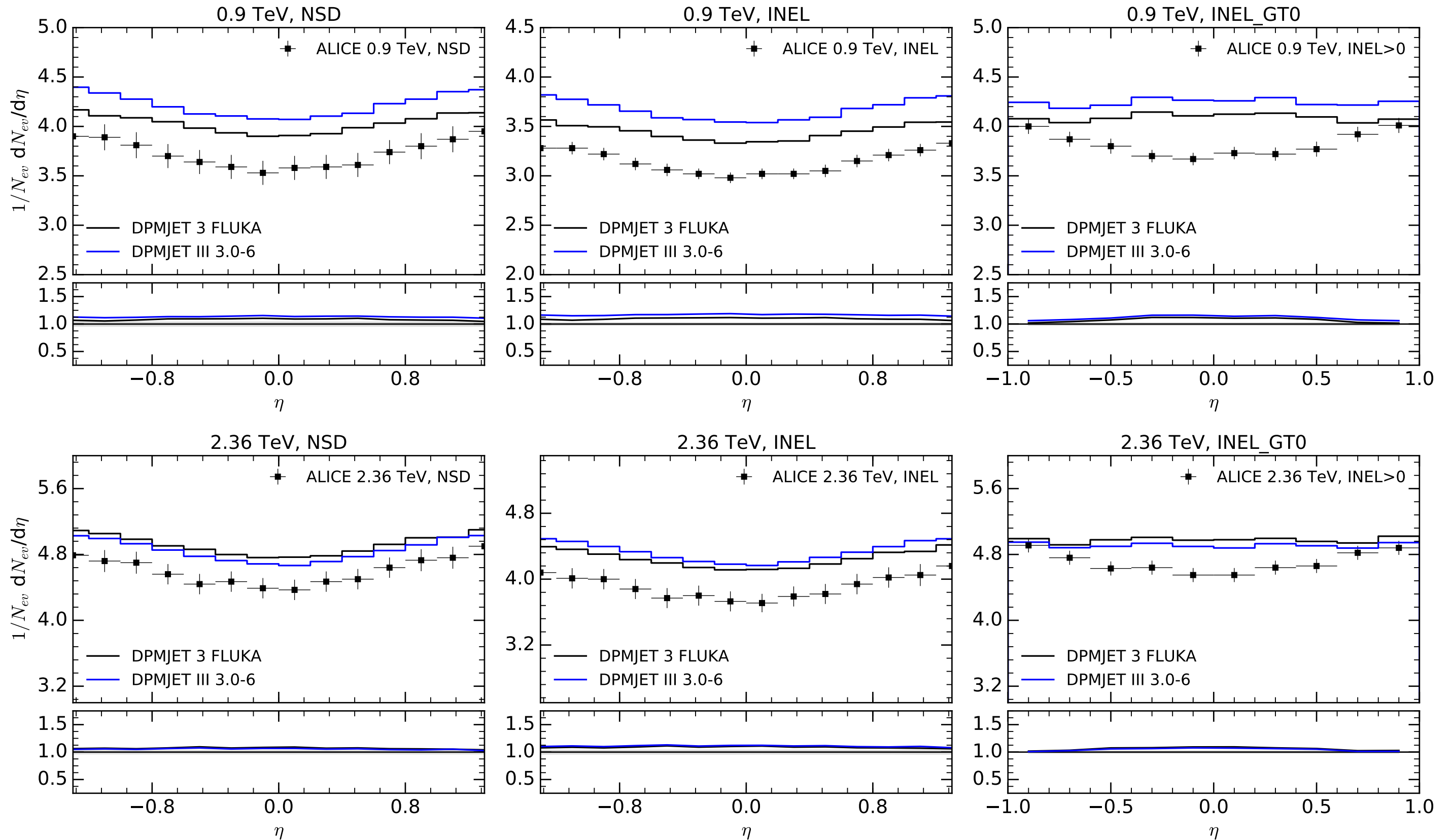


ATLAS - average p_T for multiplicity bins.

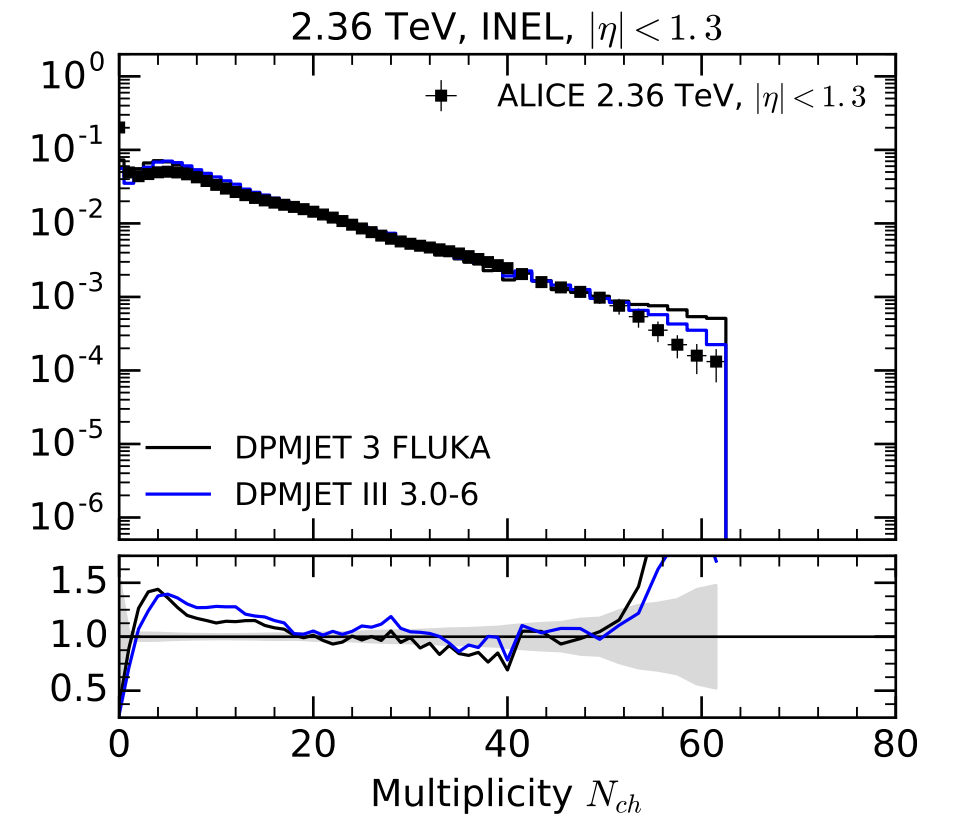
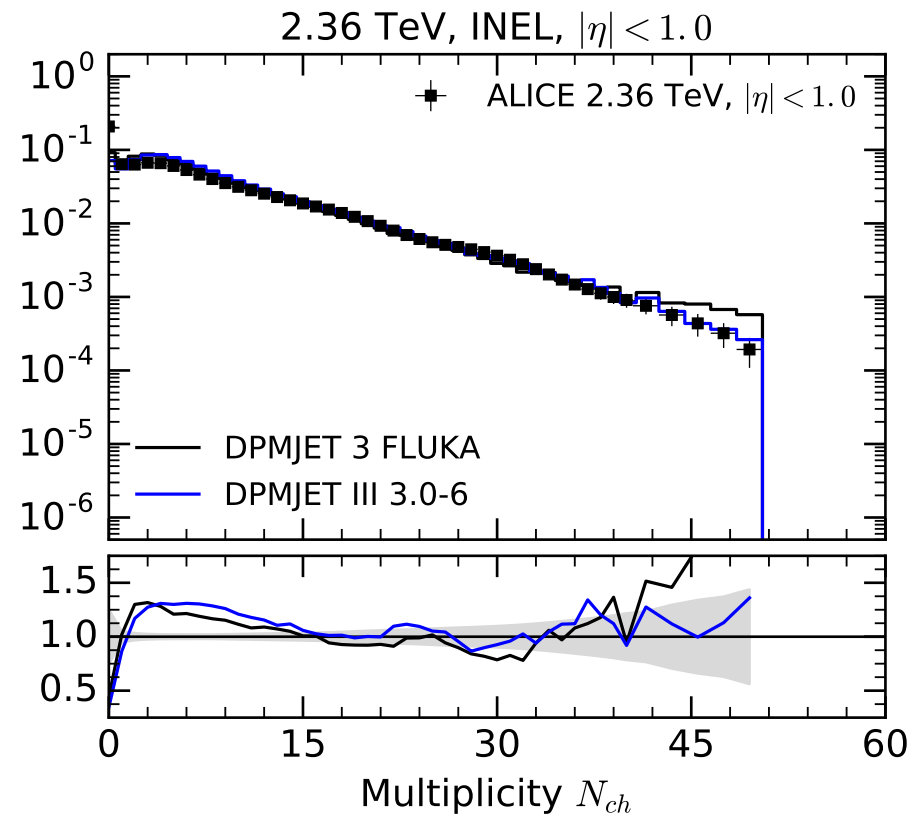
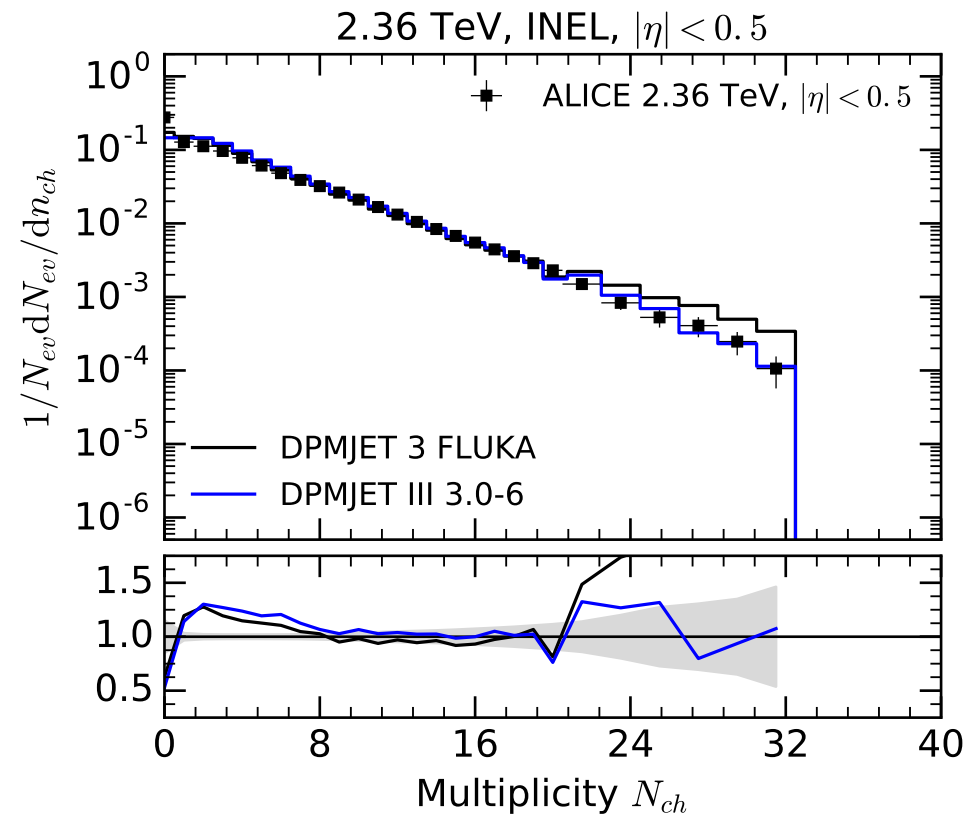
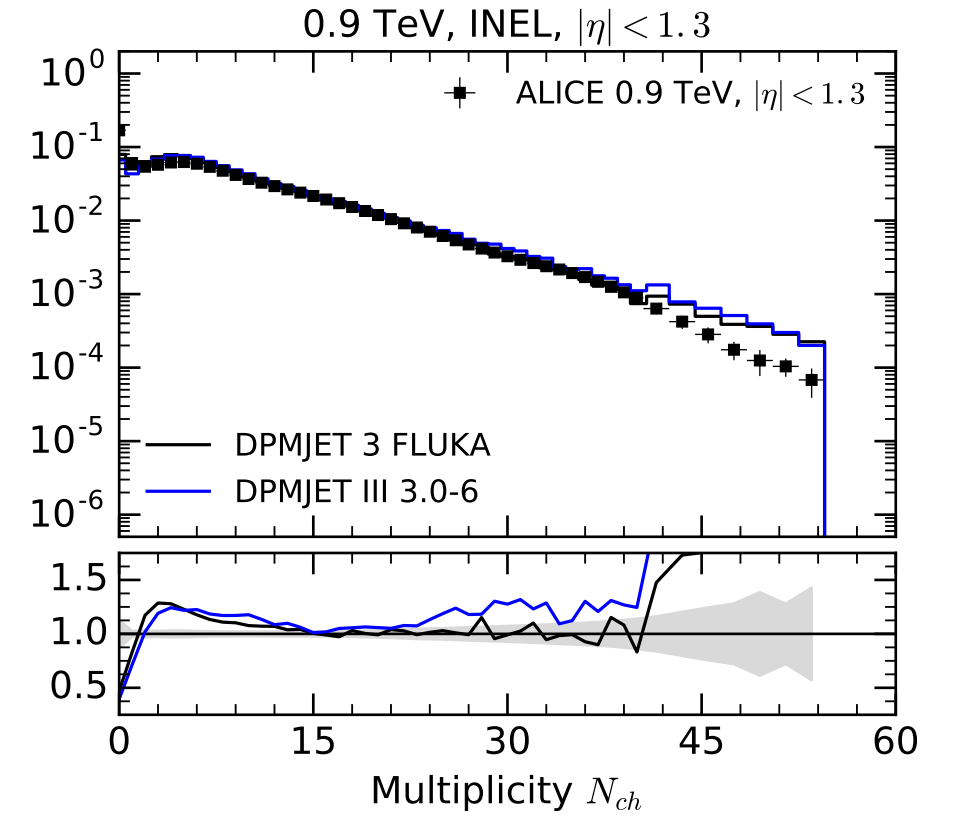
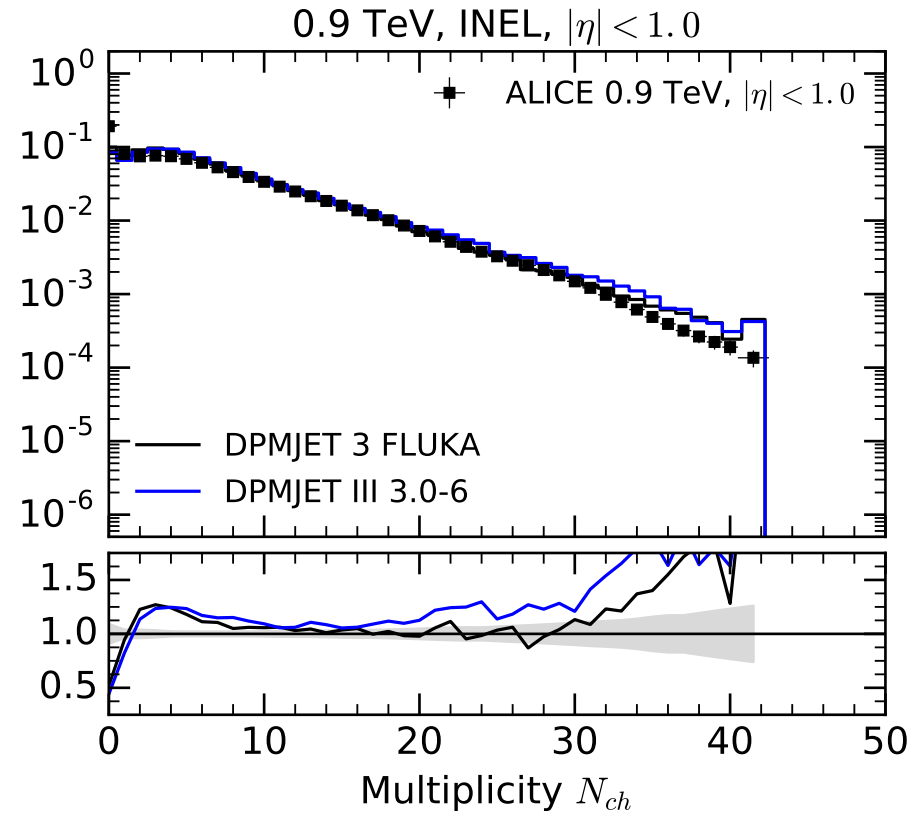
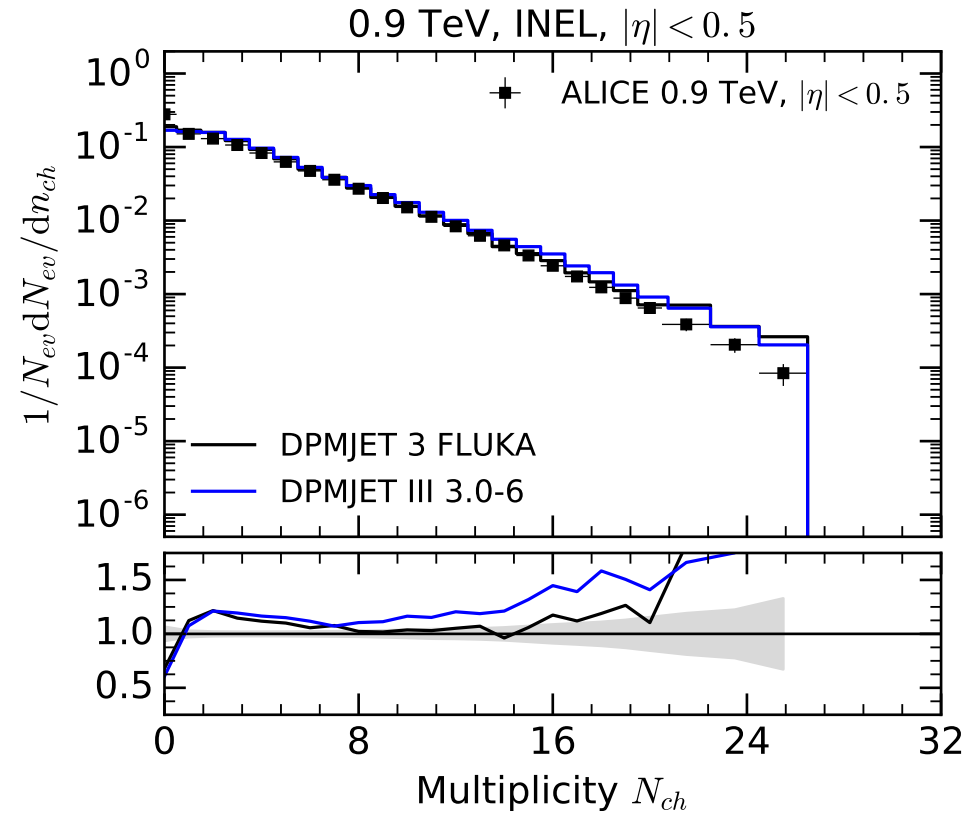


LHC: ALICE Minimum Bias

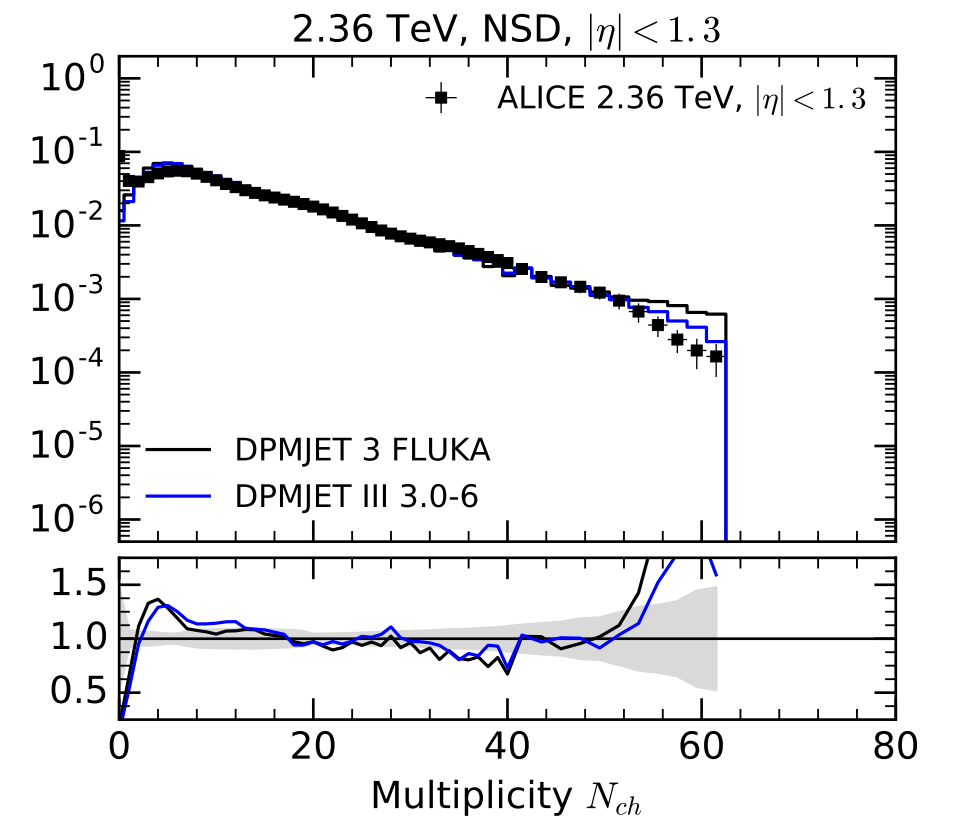
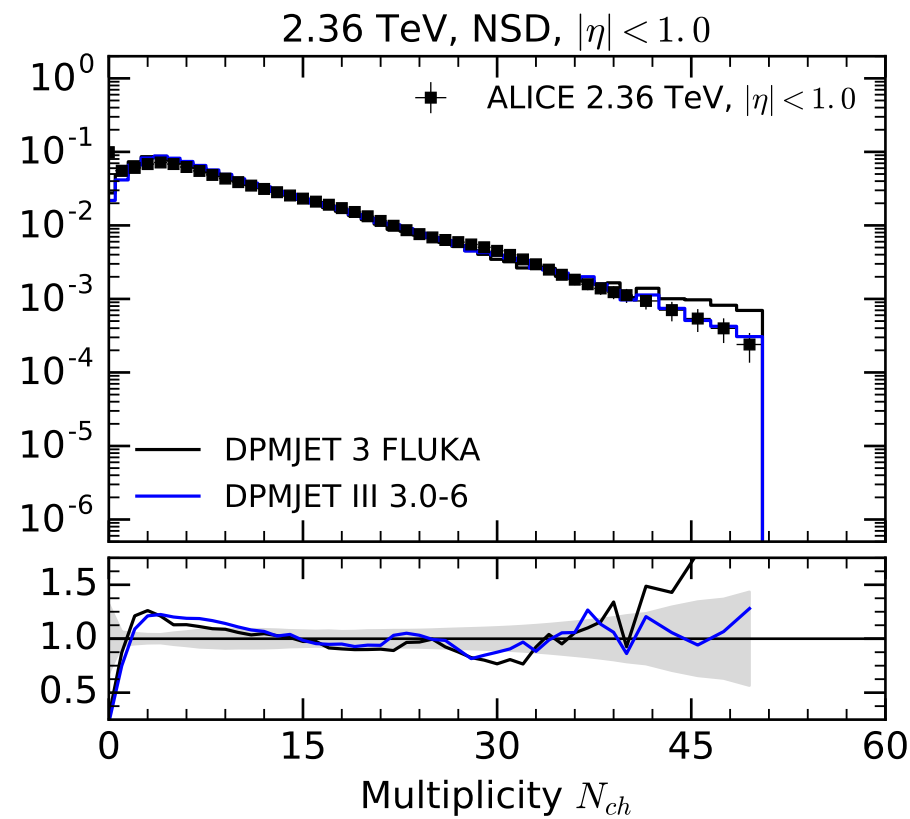
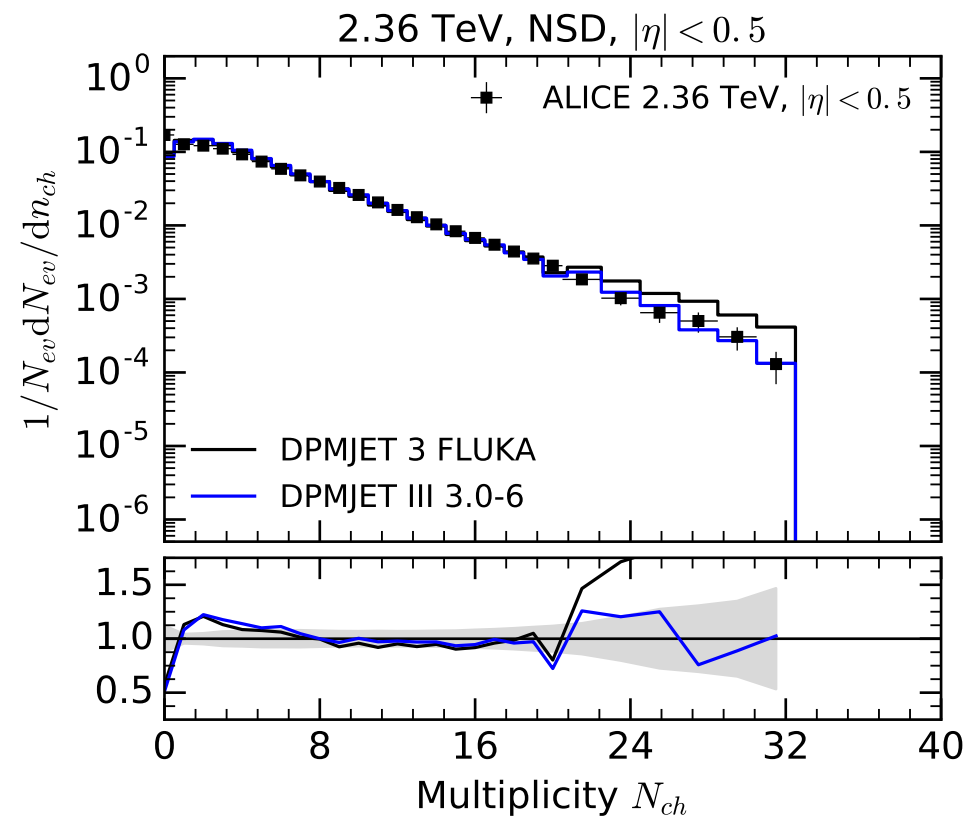
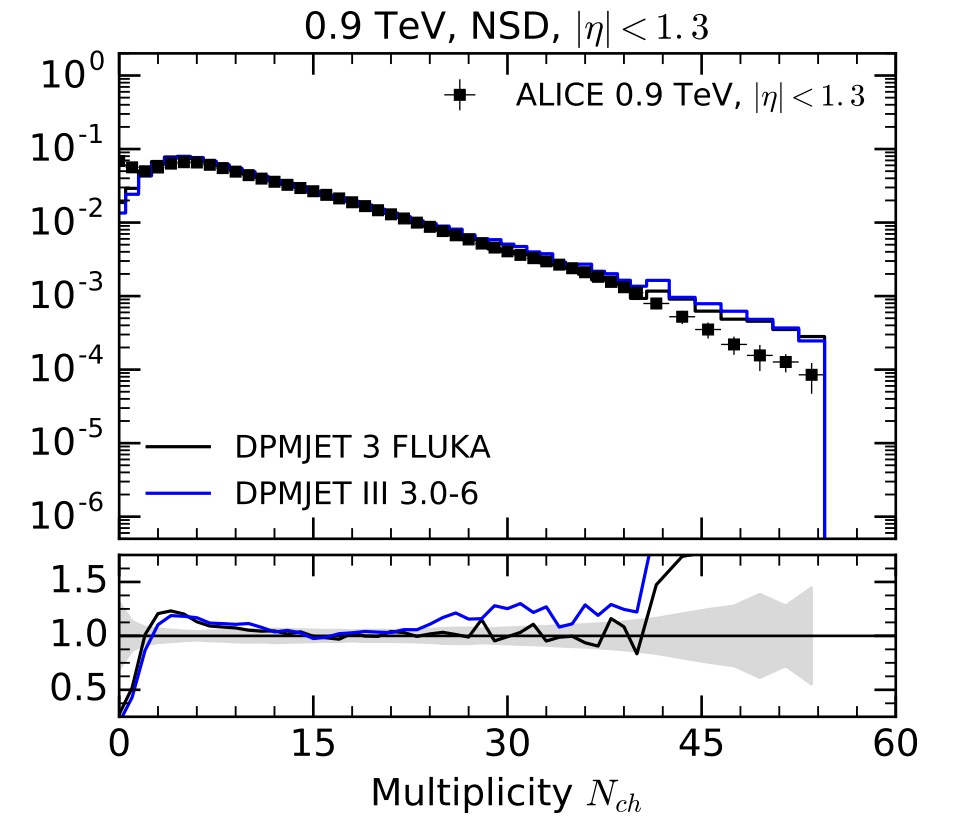
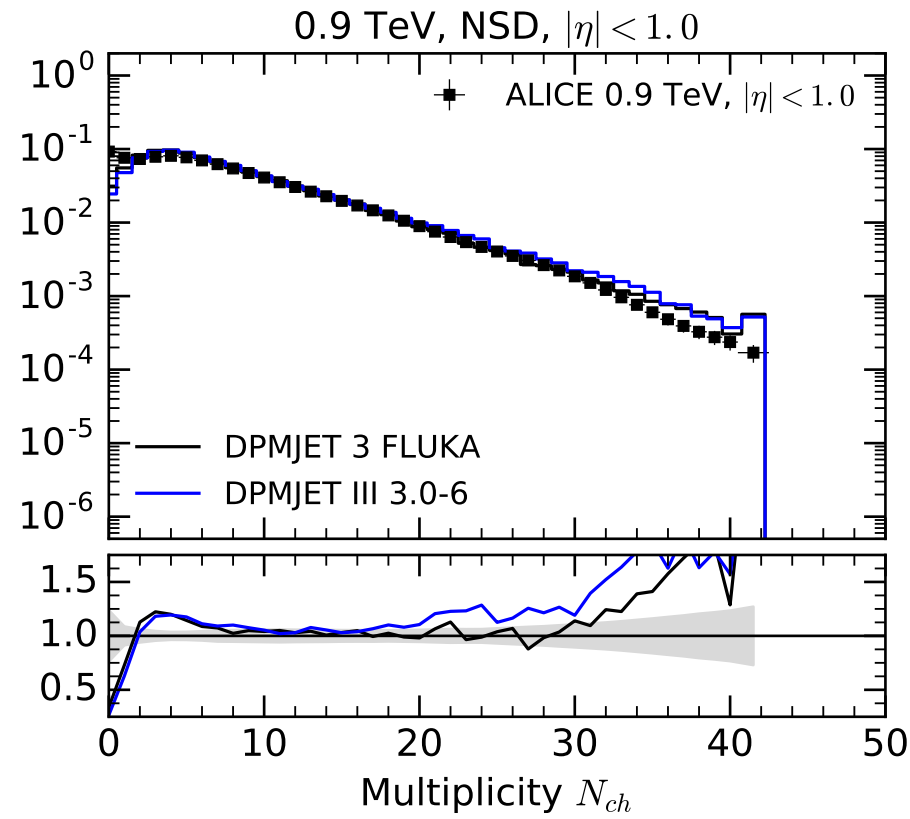
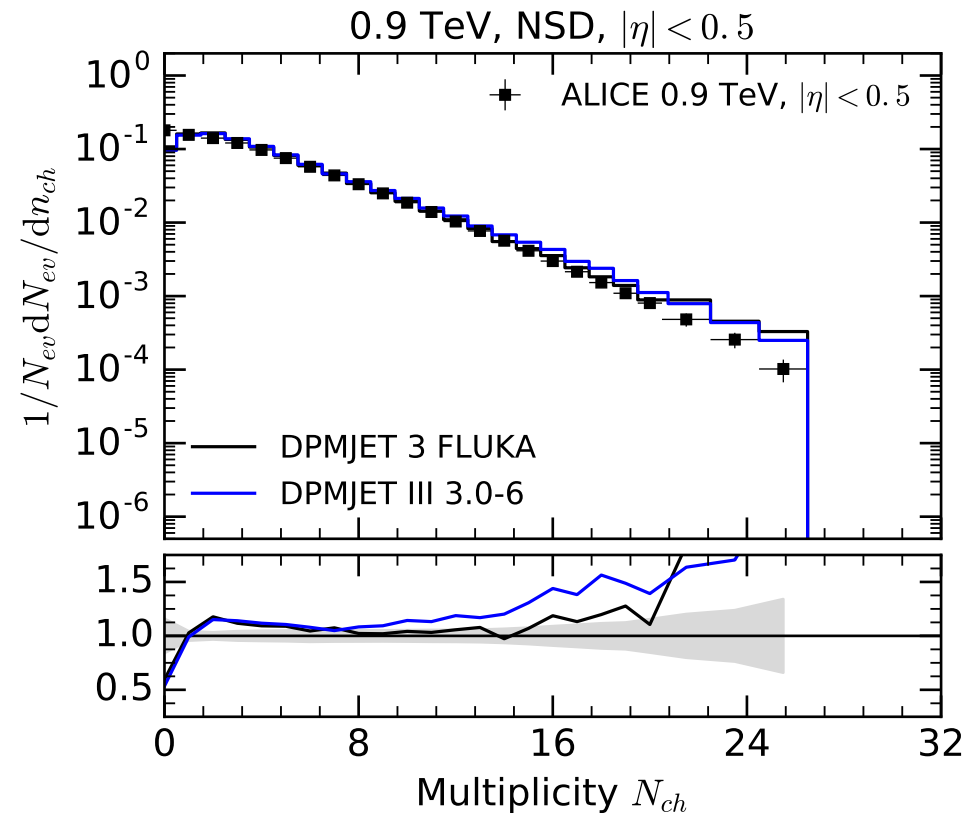
ALICE - NSD charged particle pseudorapidity density.



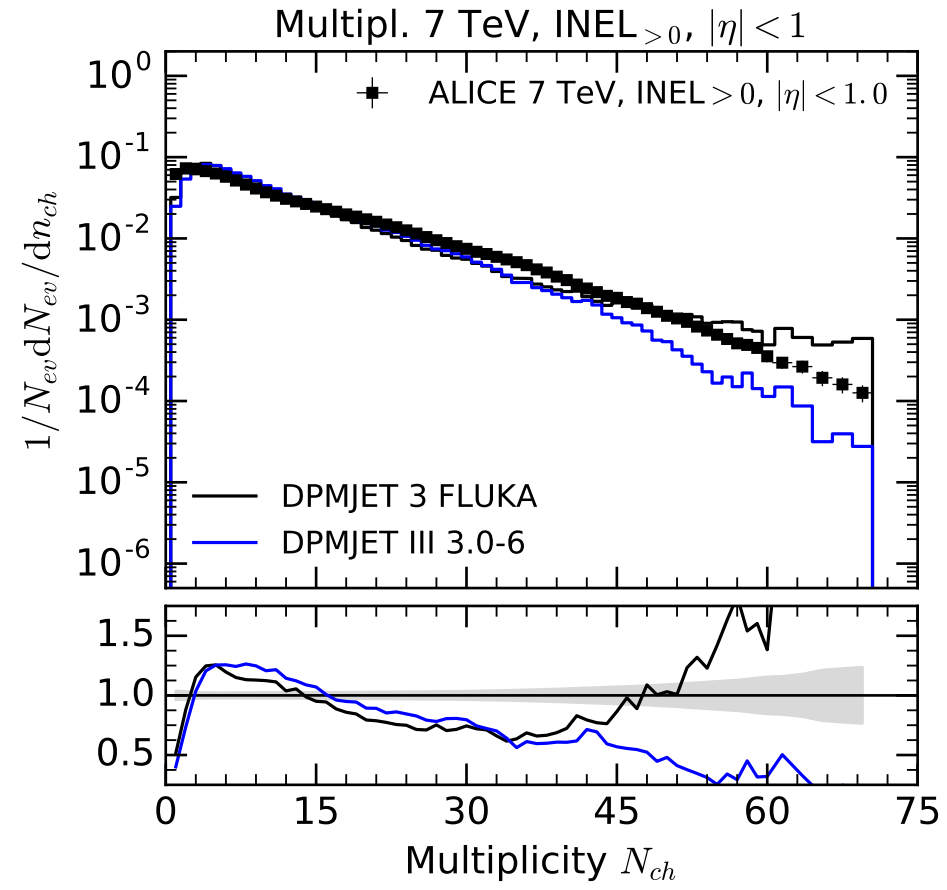
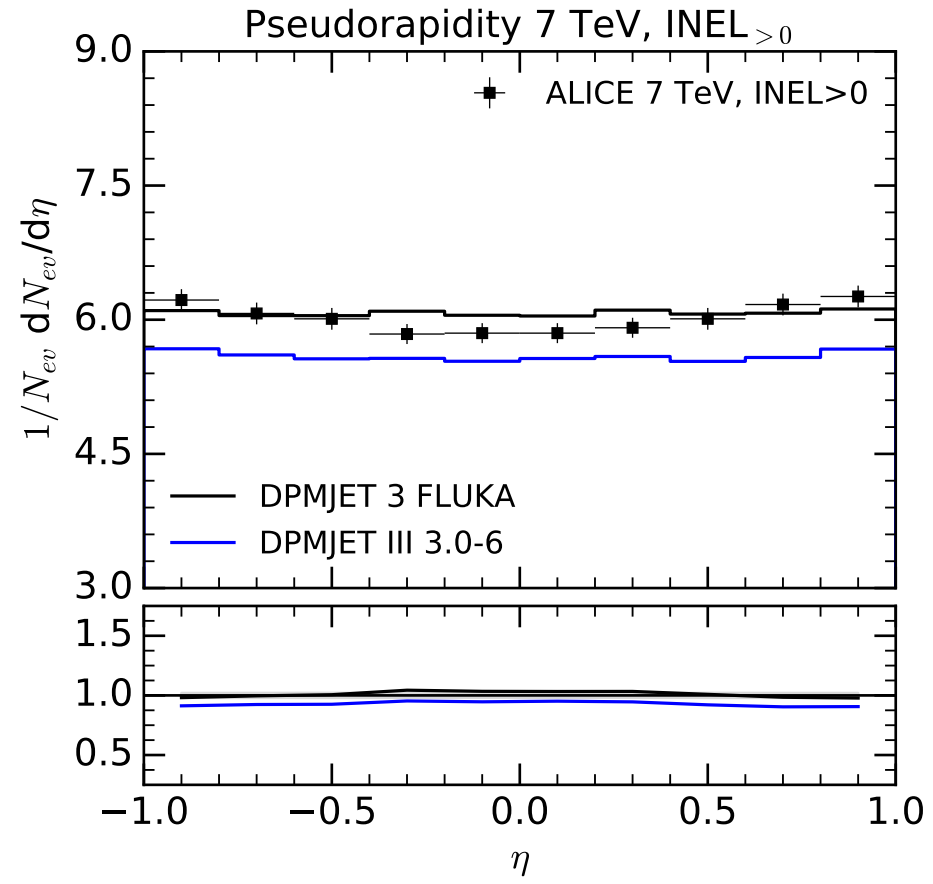
ALICE - INEL charged particle multiplicity.



ALICE - NSD charged particle multiplicity.

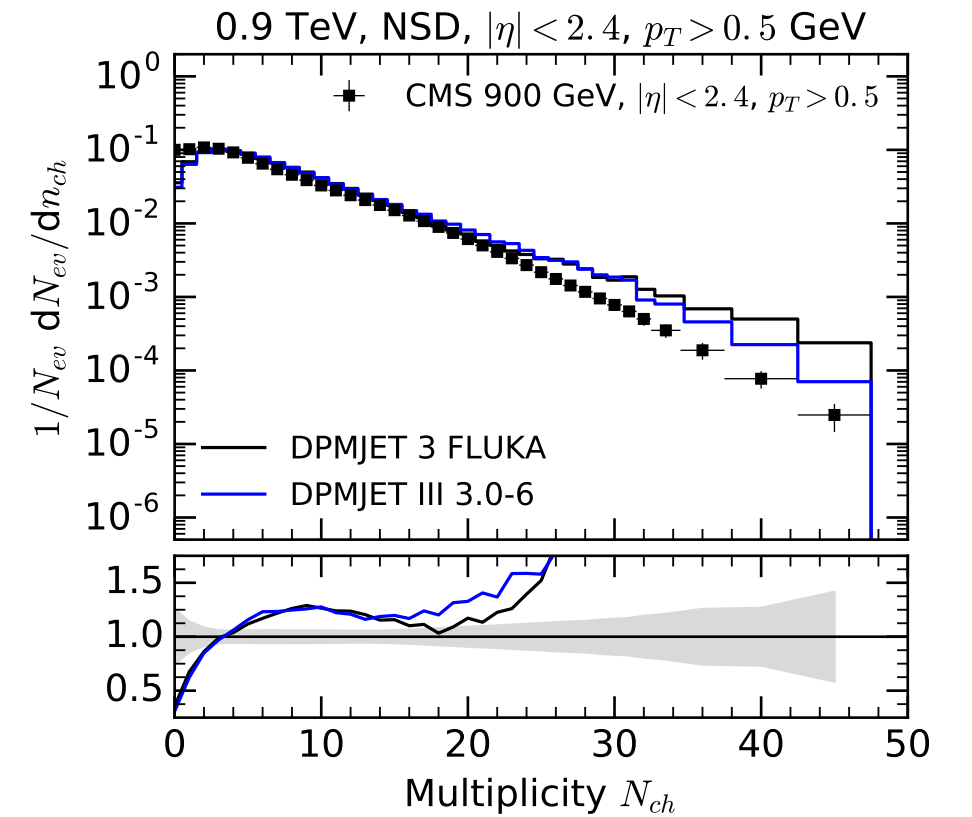
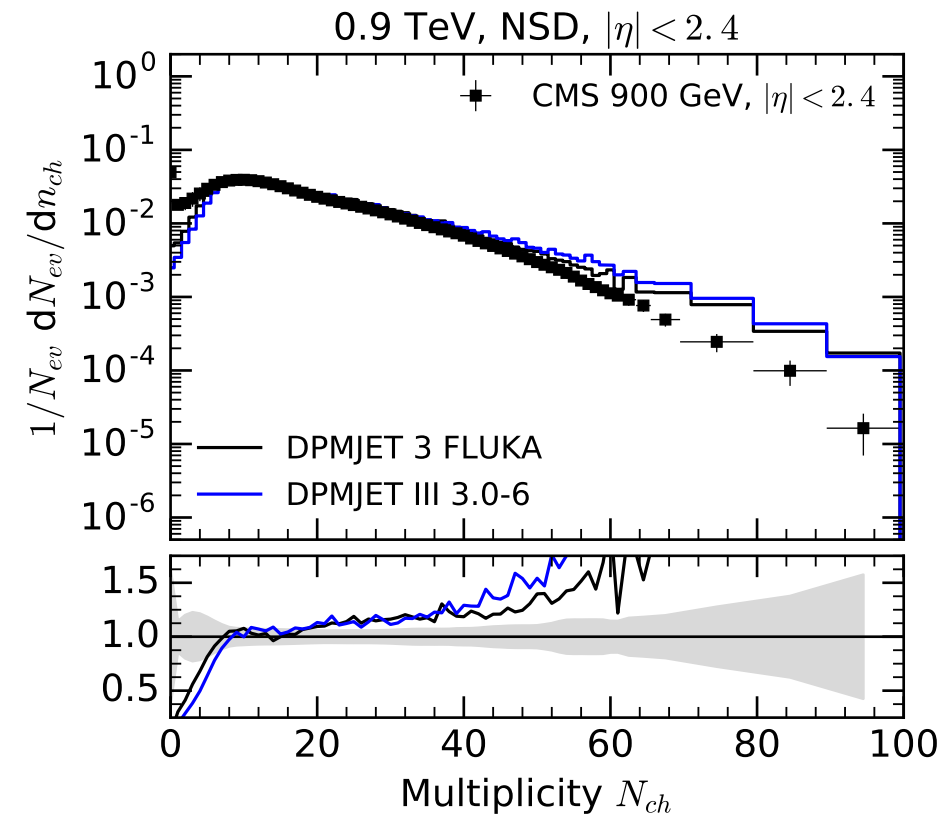
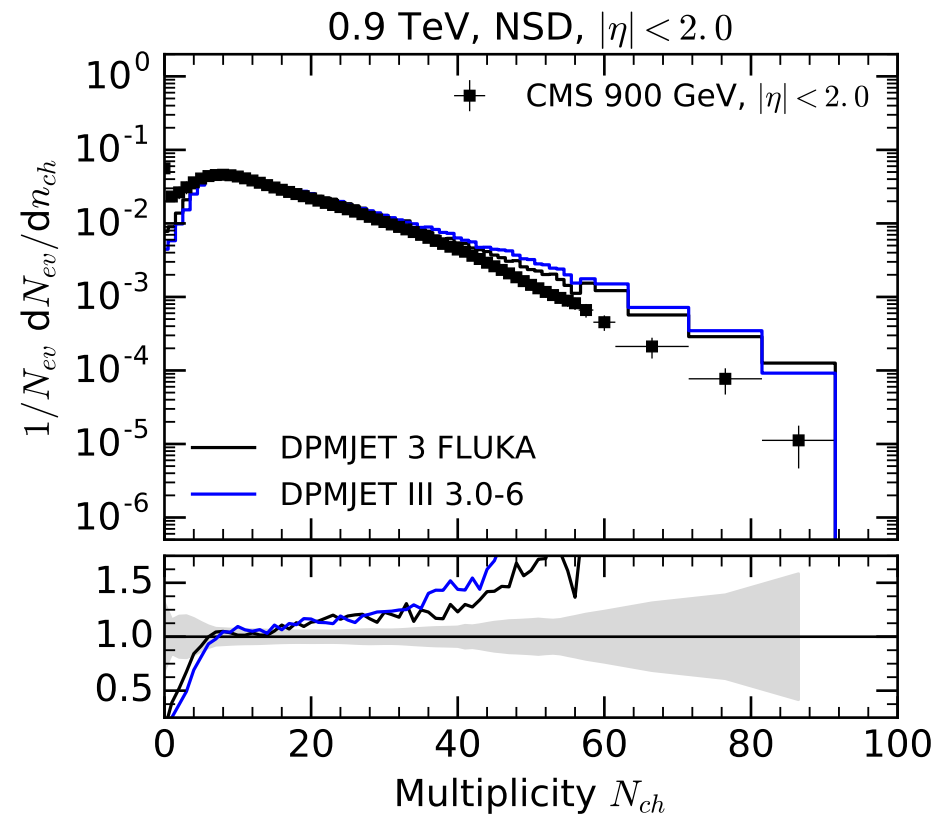
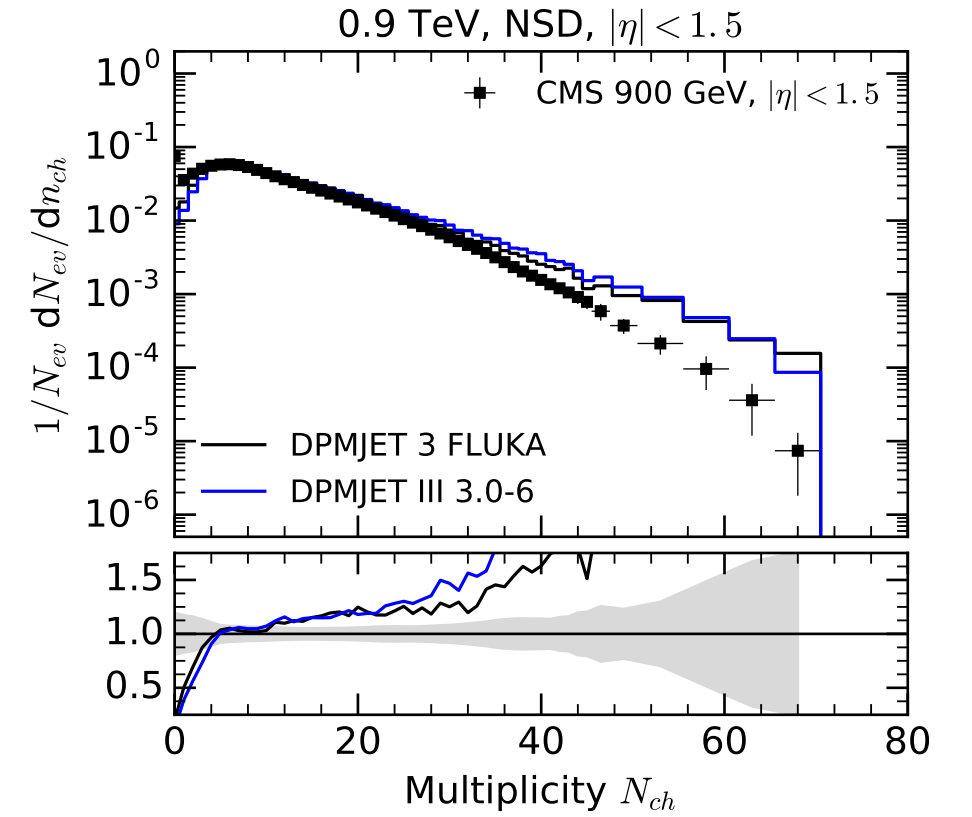
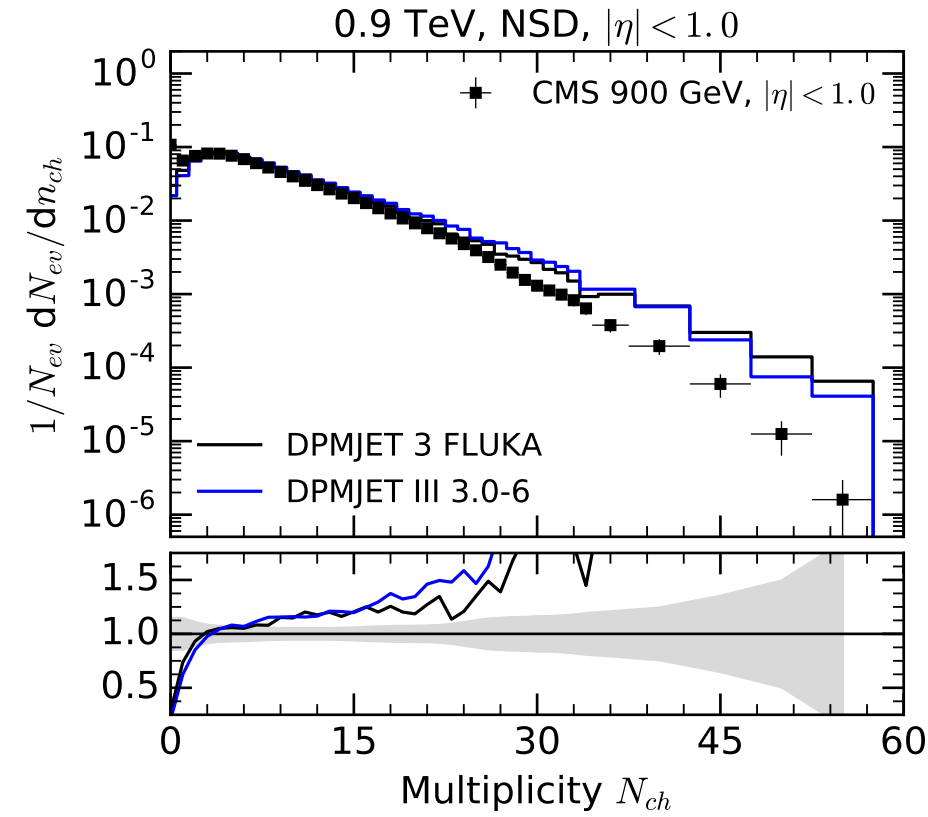
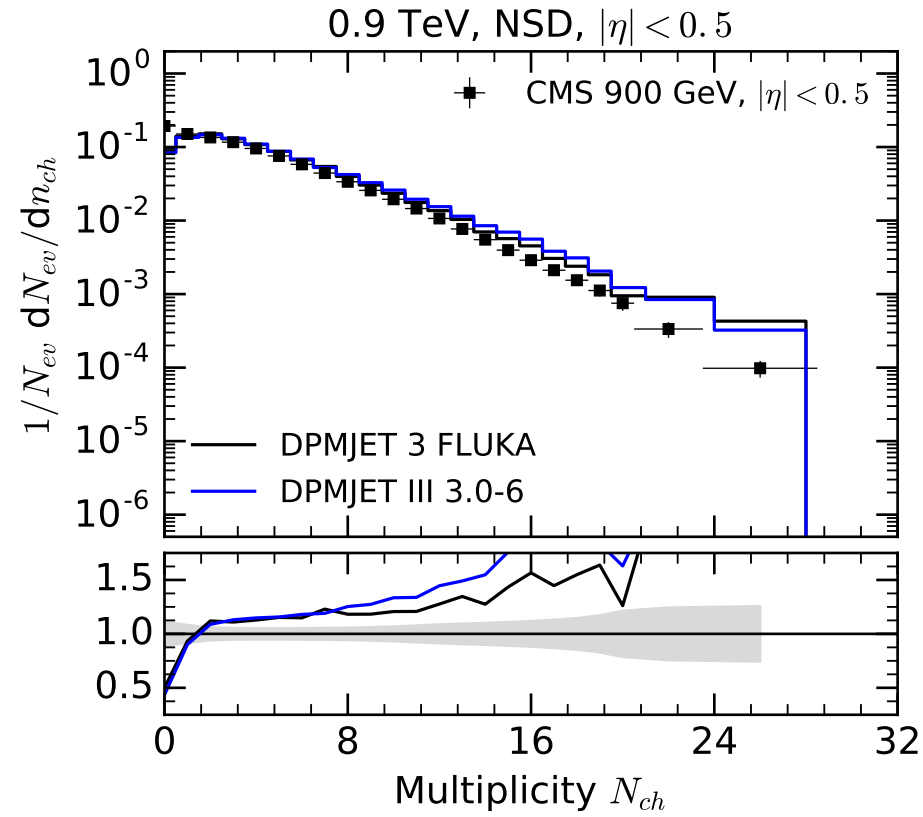


ALICE - 7 TeV.

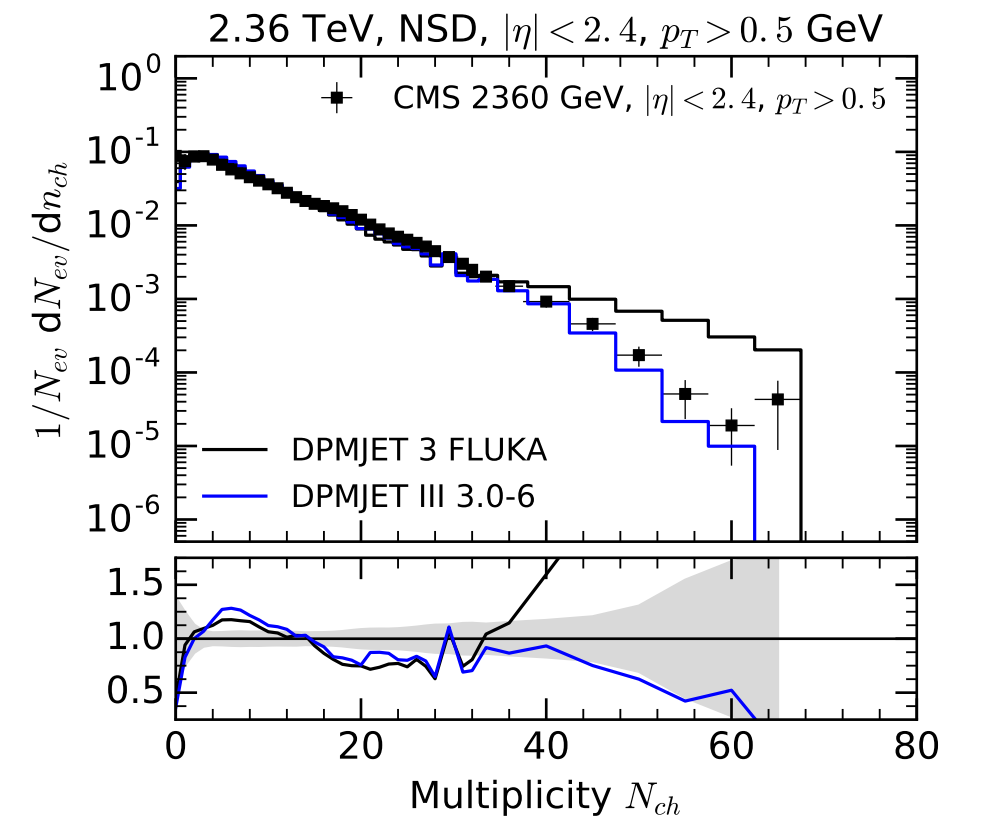
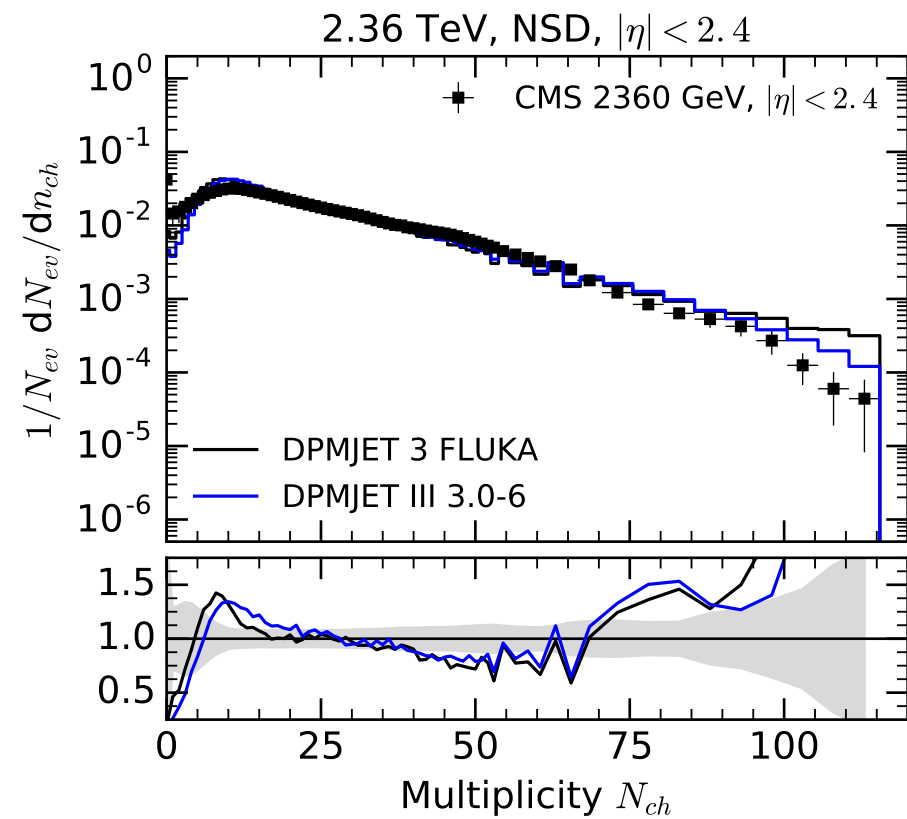
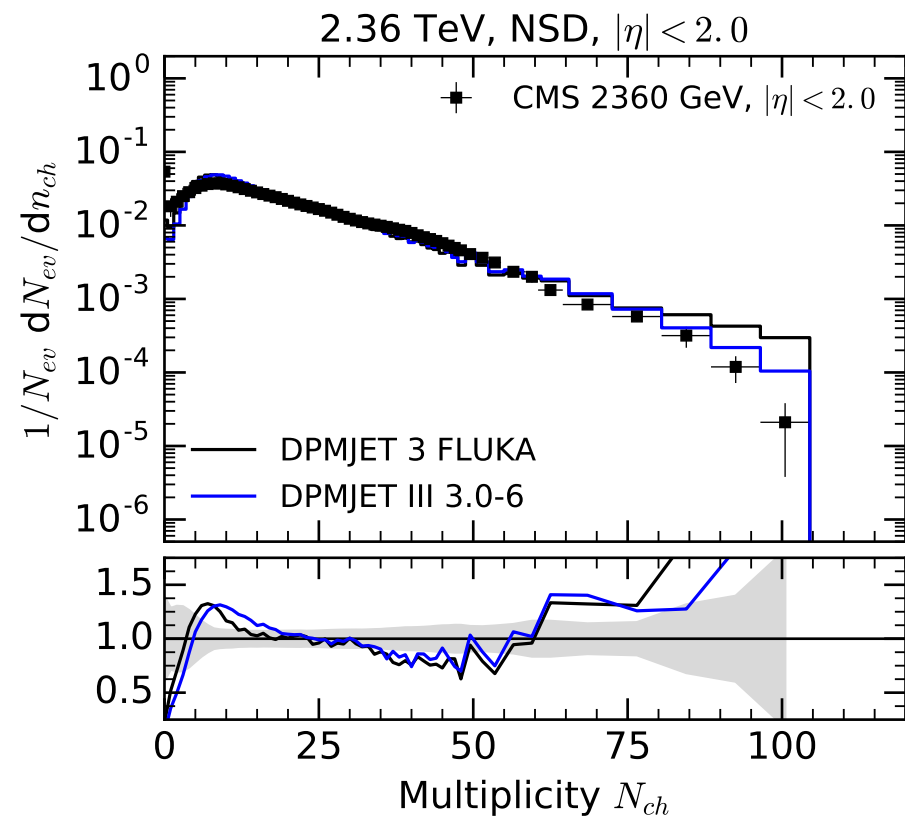
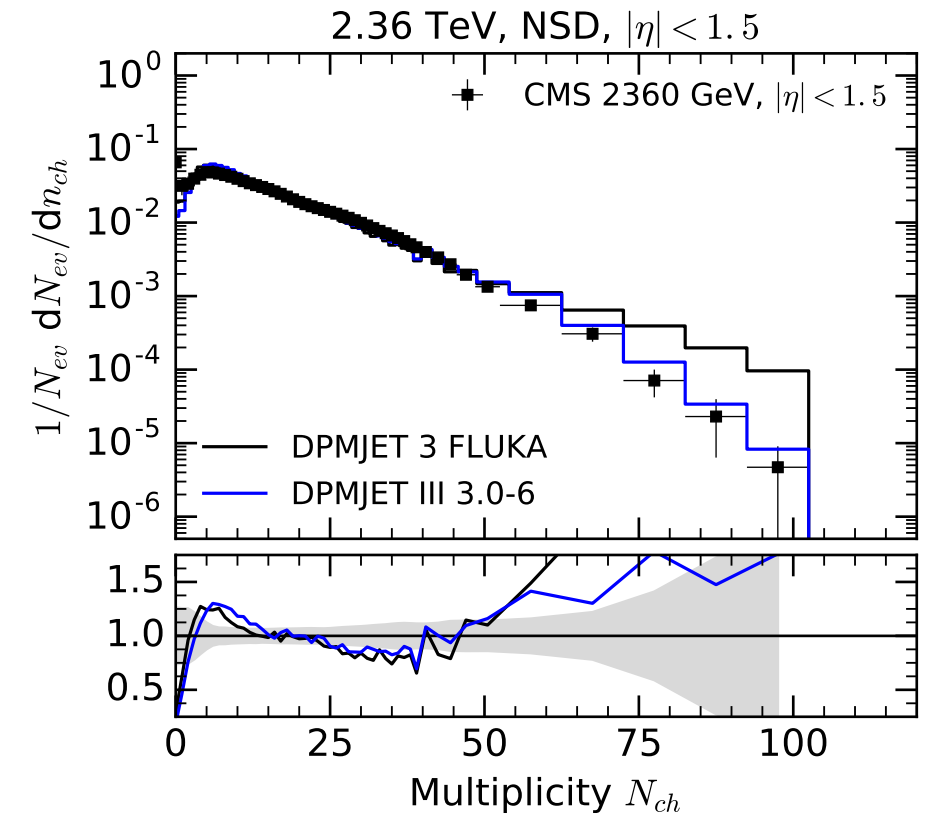
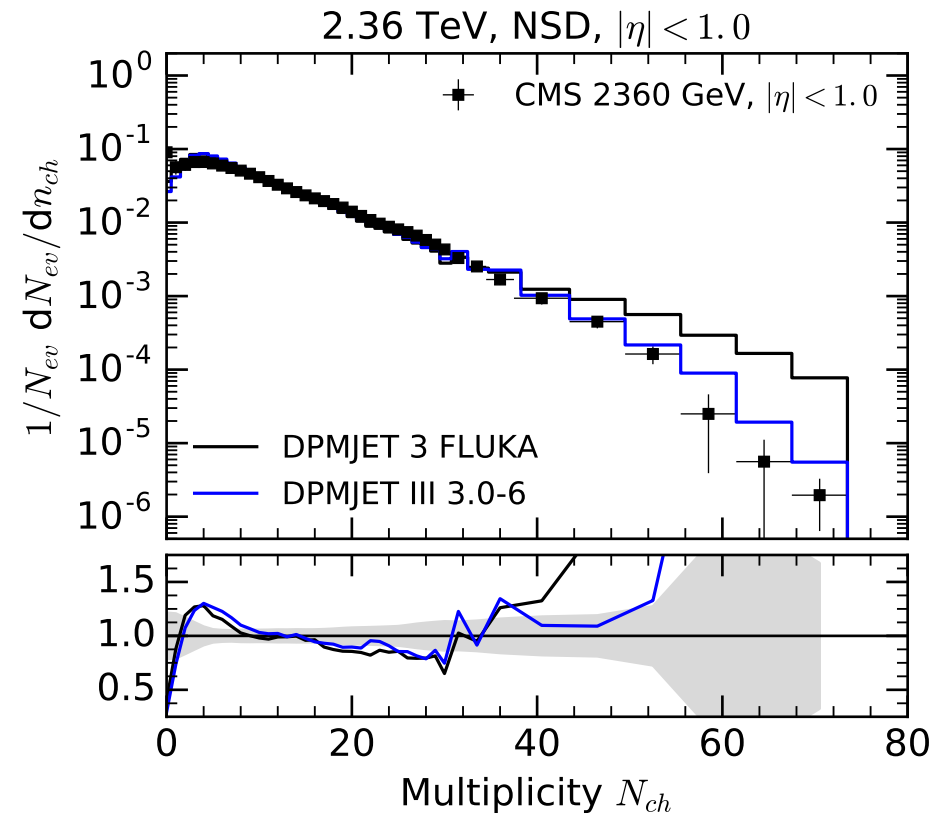
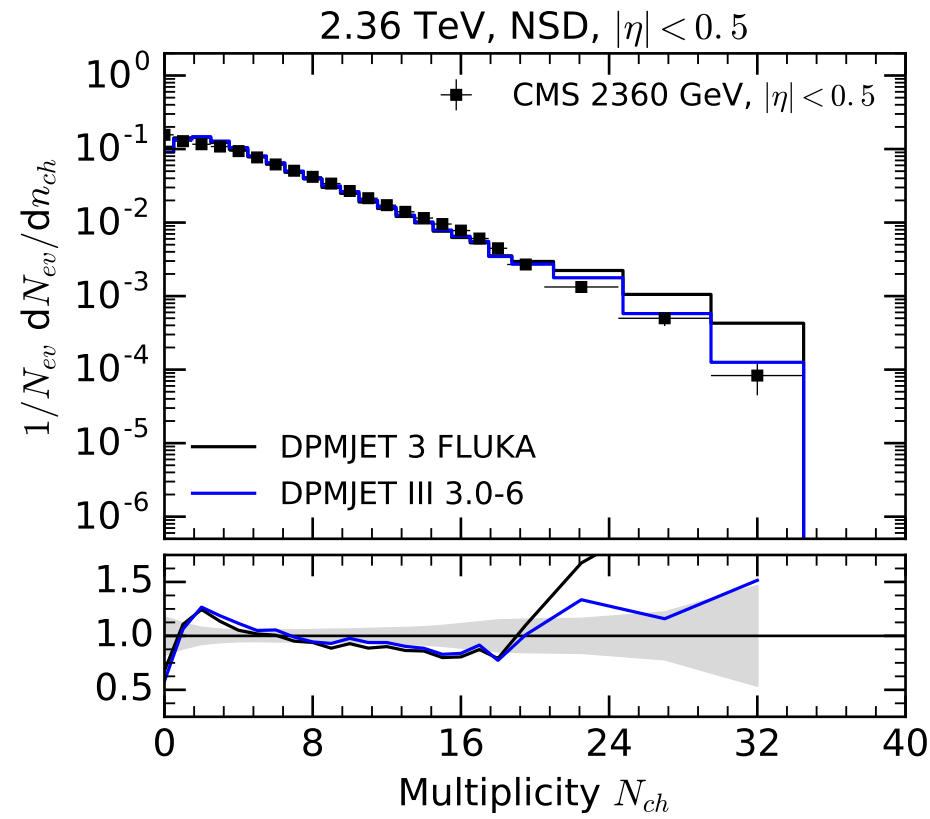


LHC: CMS Minimum Bias

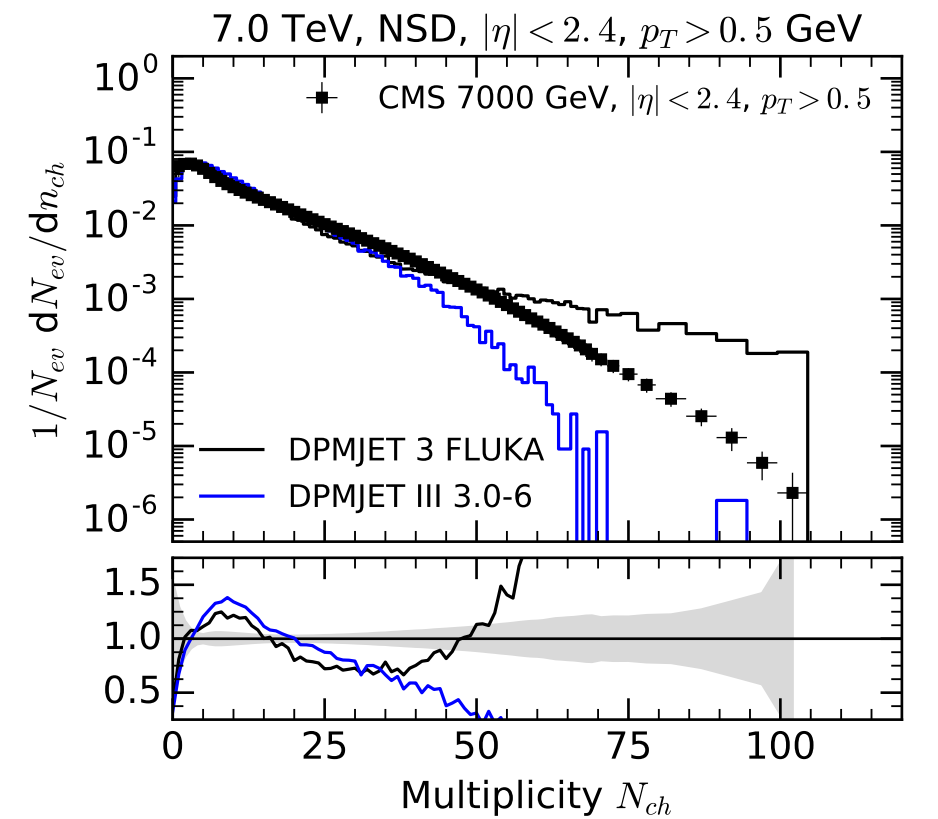
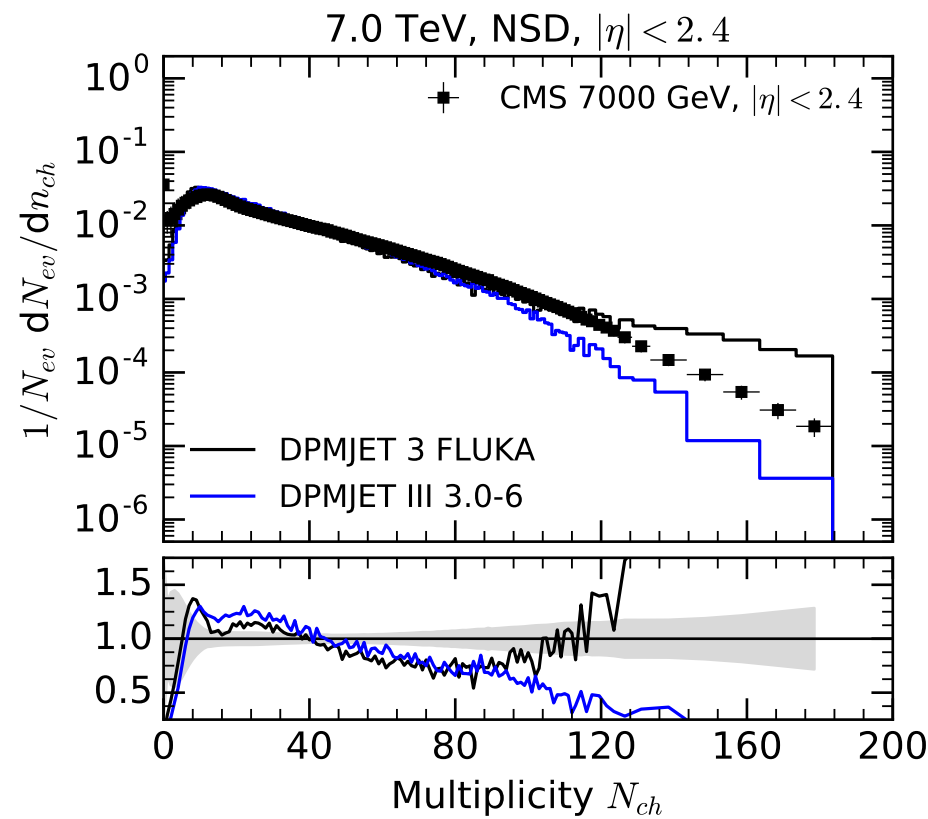
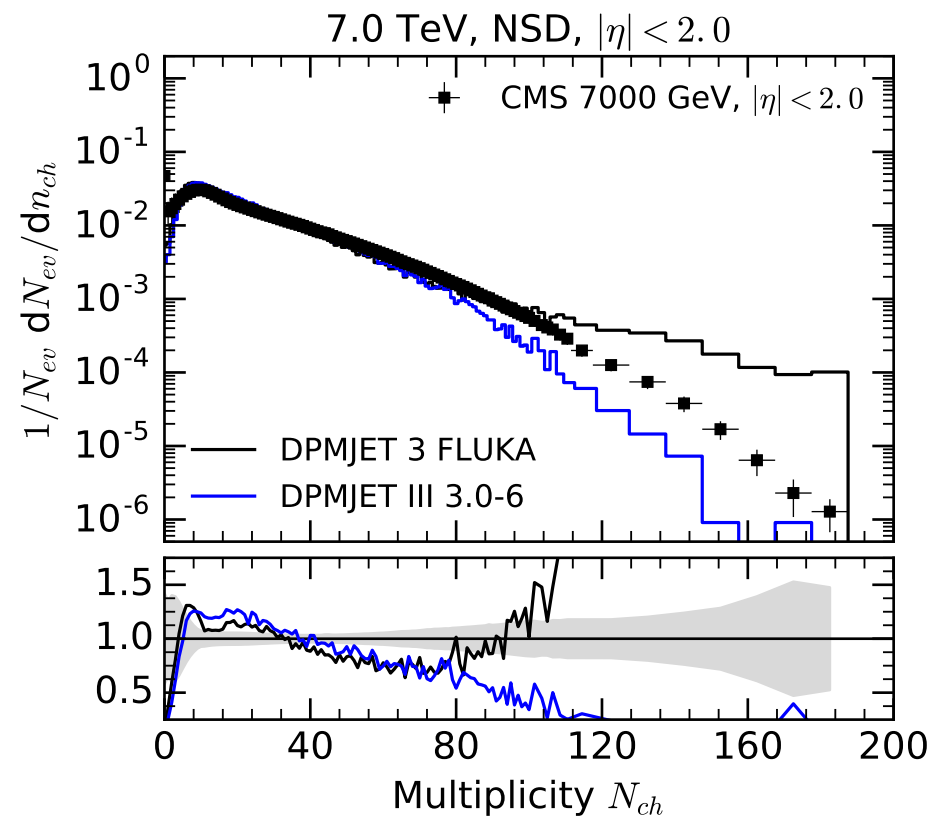
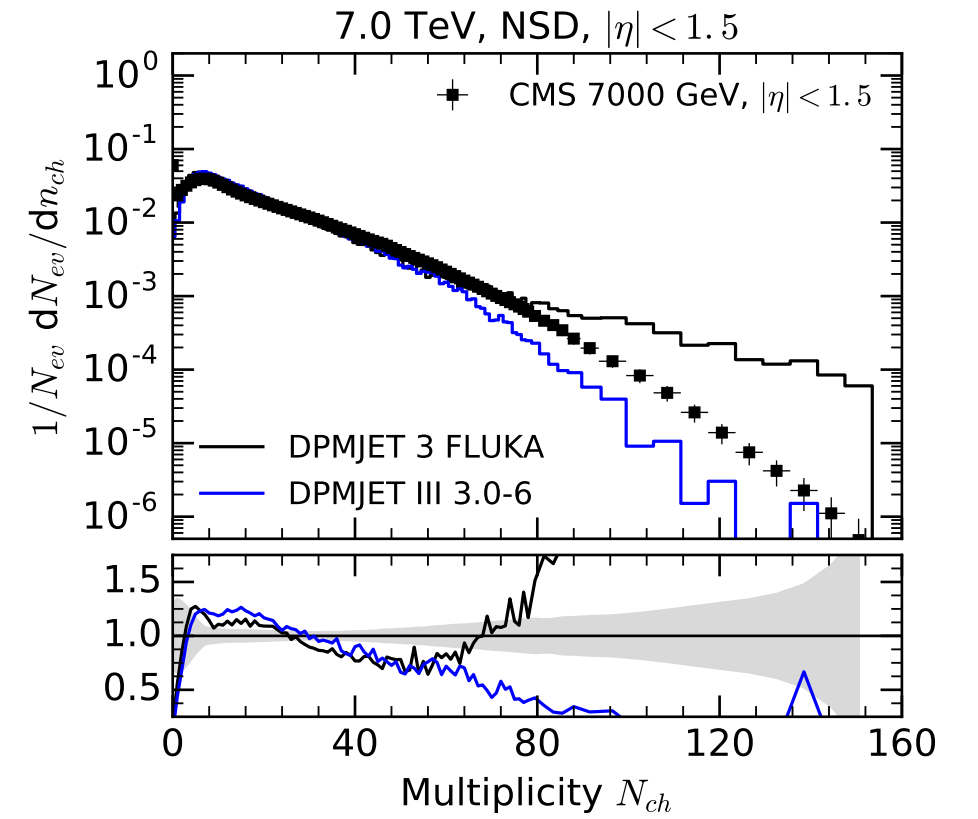
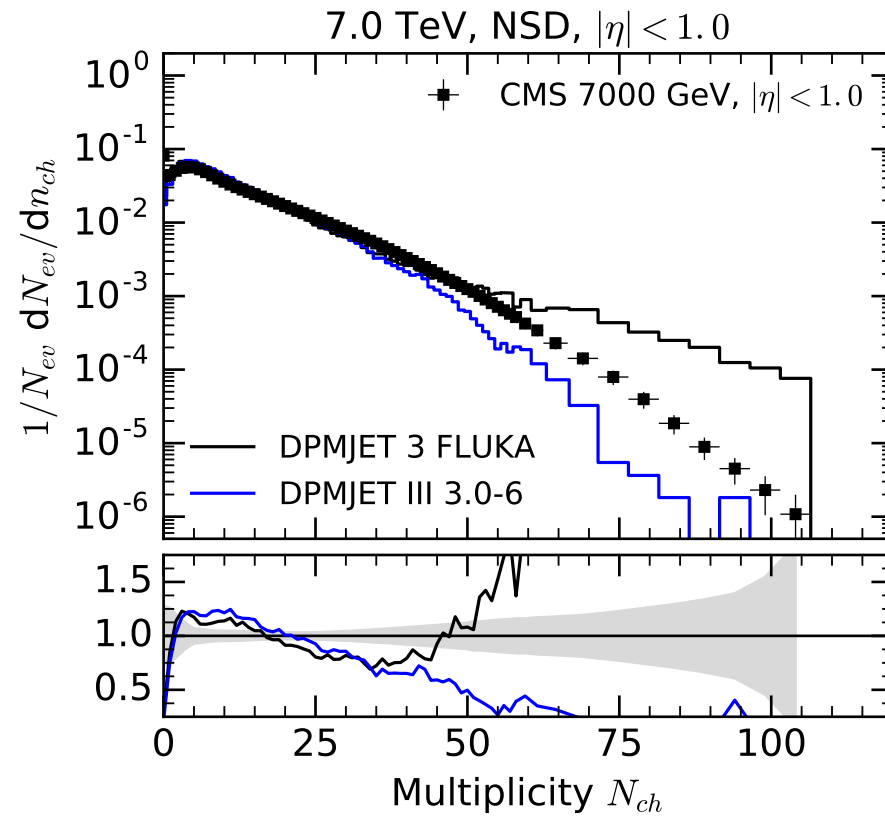
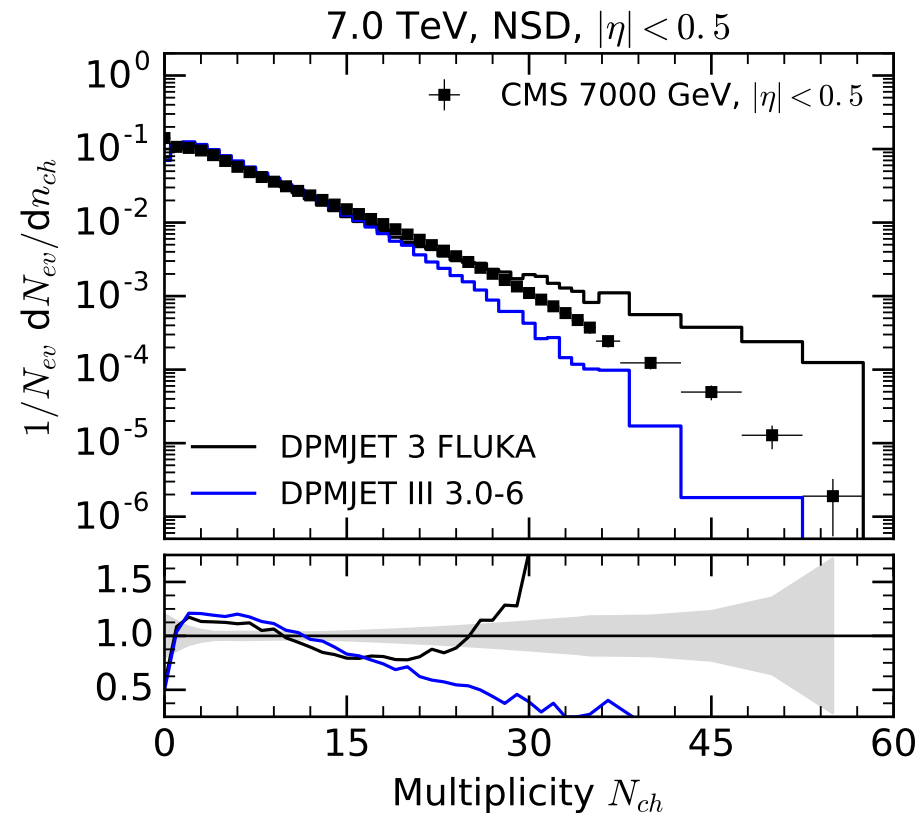
CMS 900 GeV - NSD charged particle multiplicity.



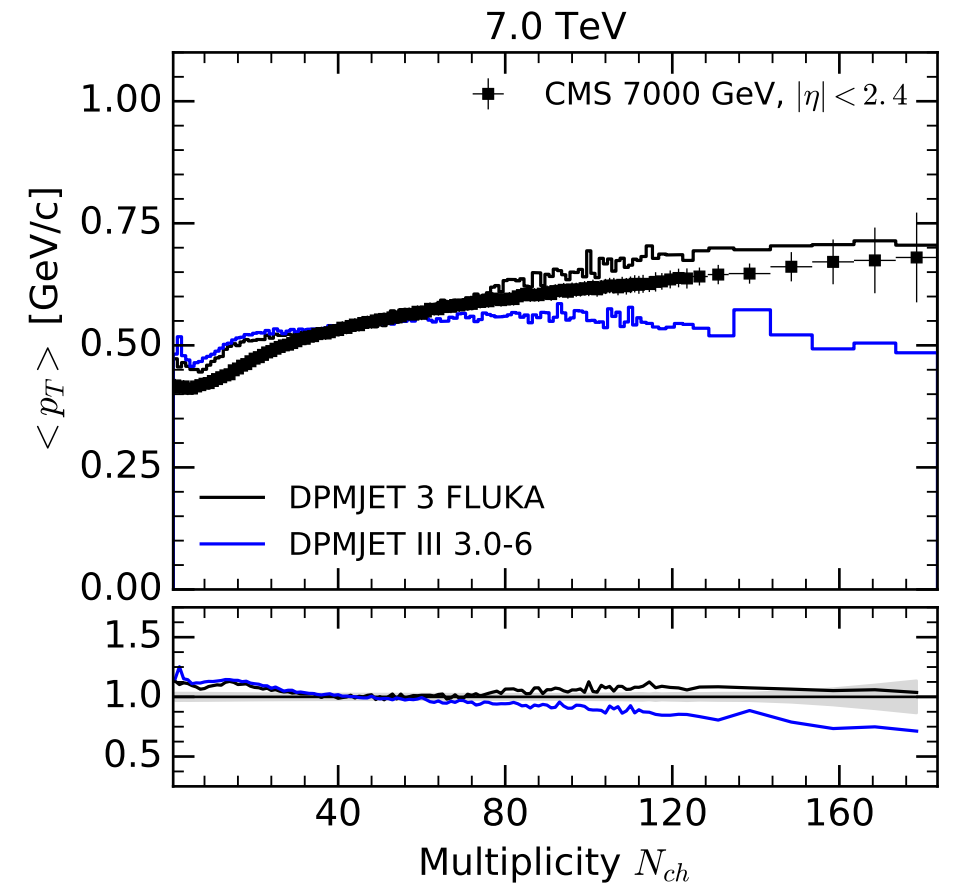
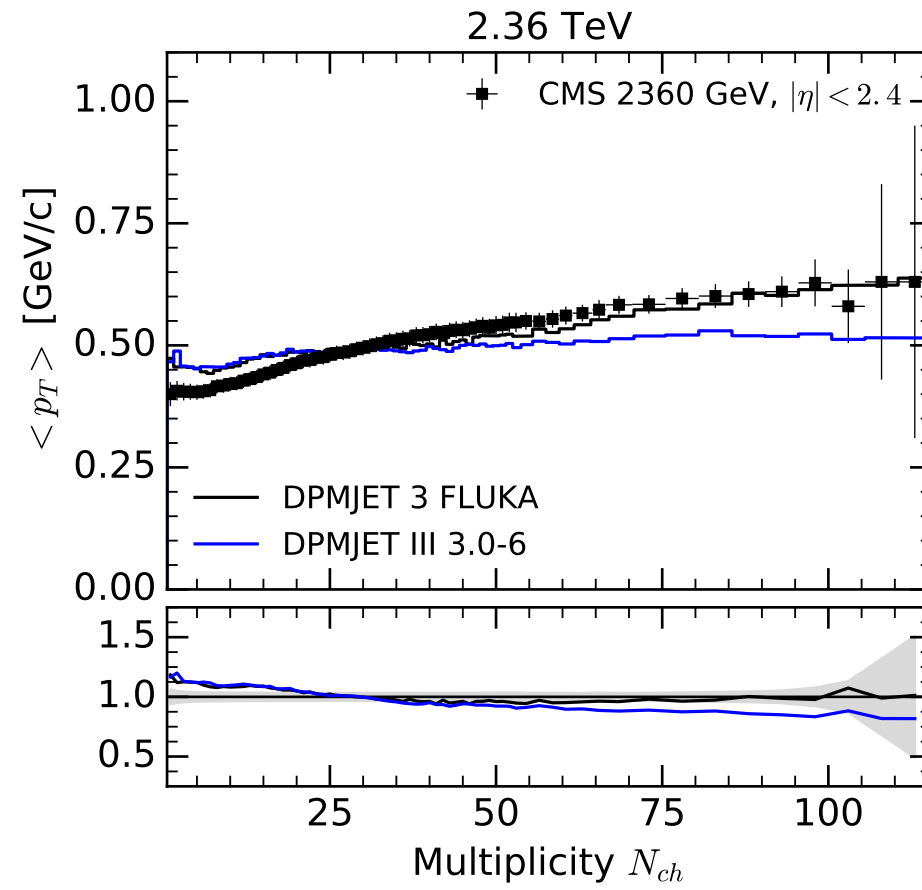
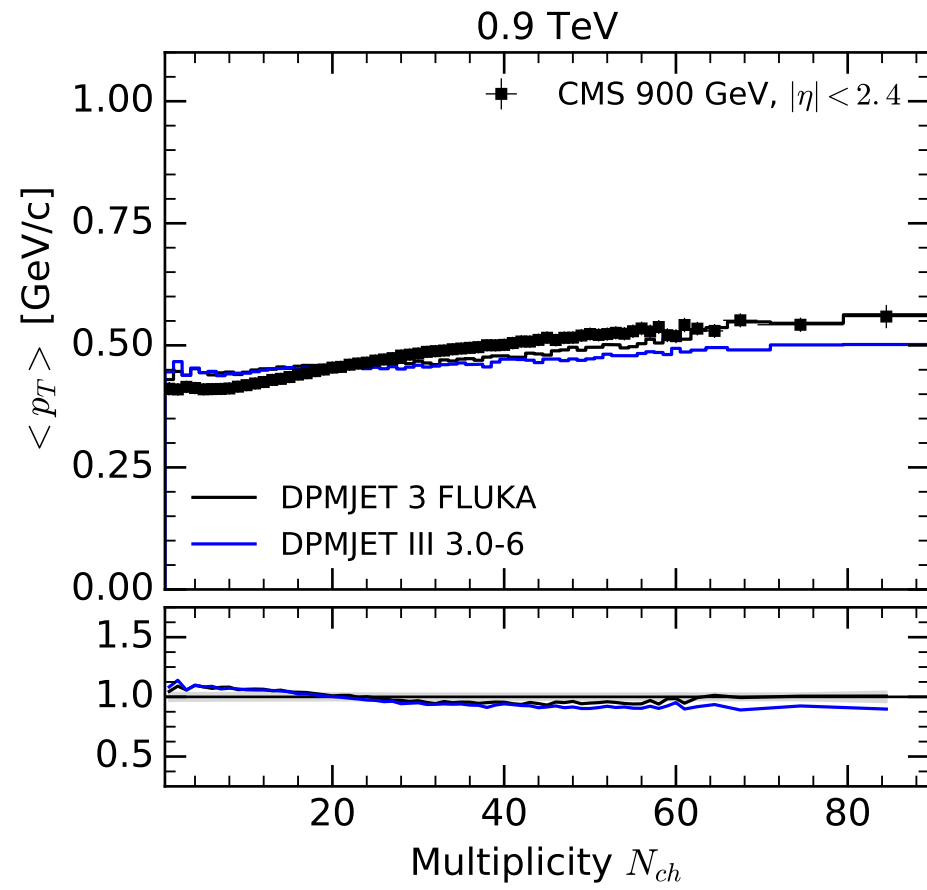
CMS 2360 GeV - NSD charged particle multiplicity.



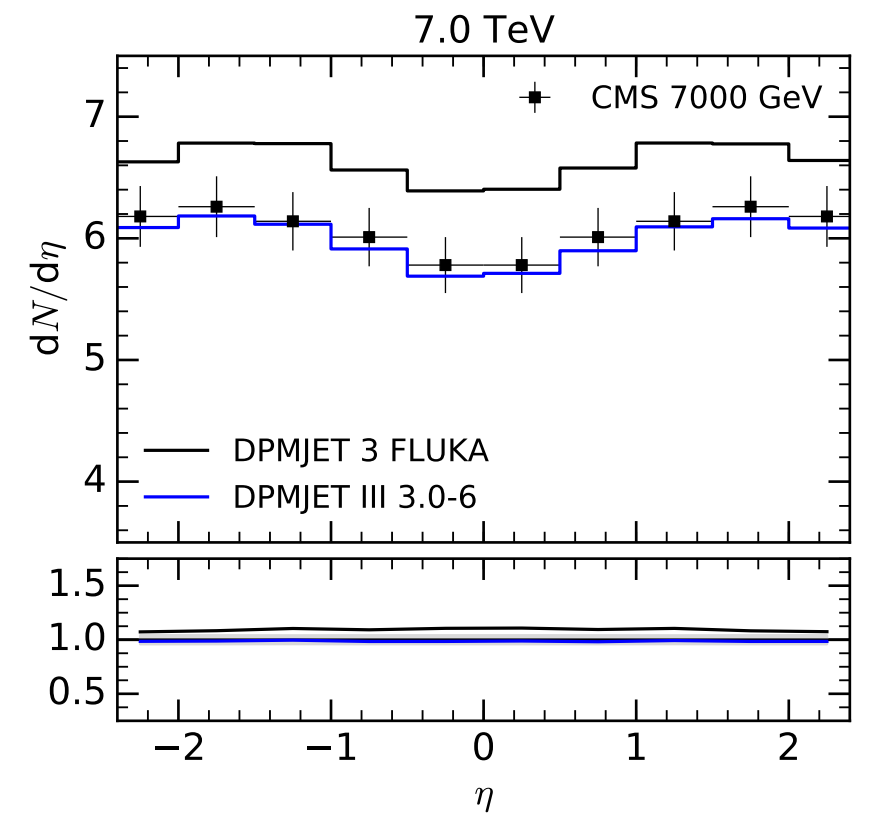
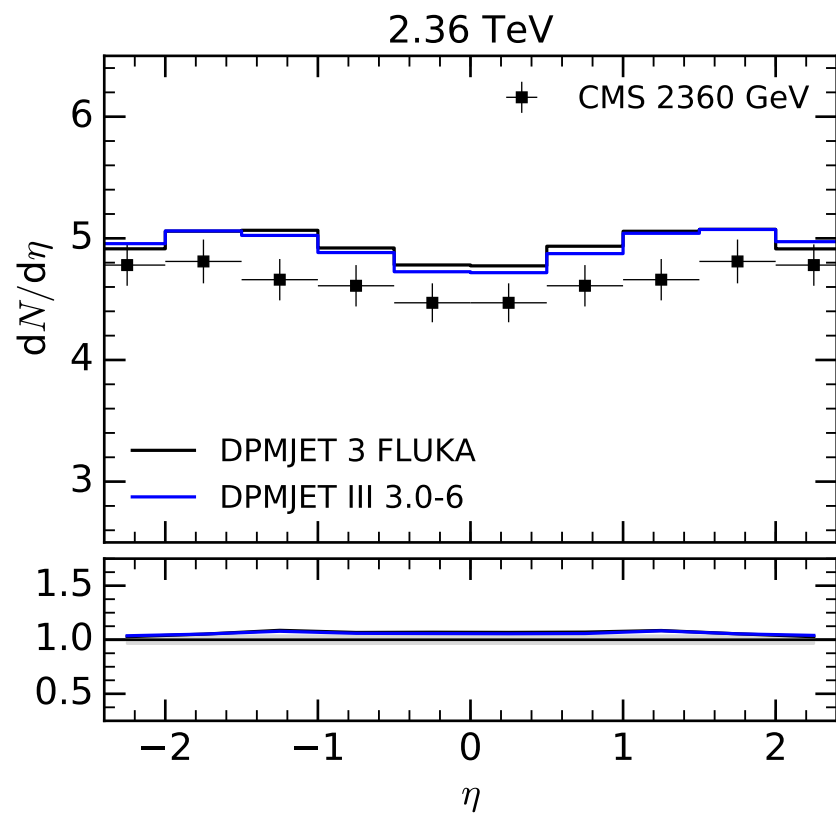
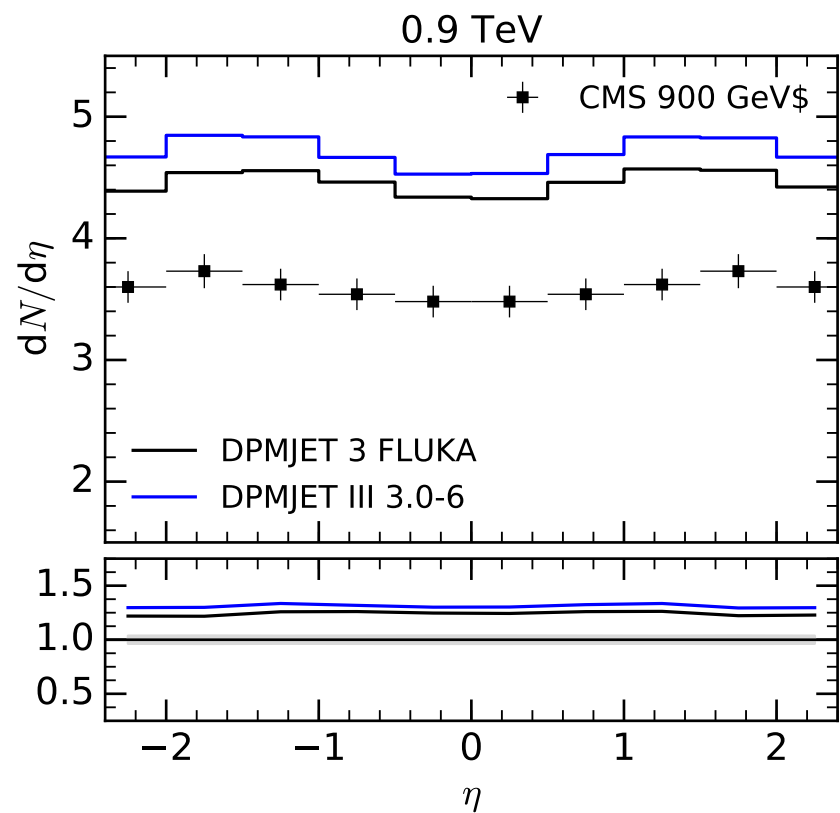
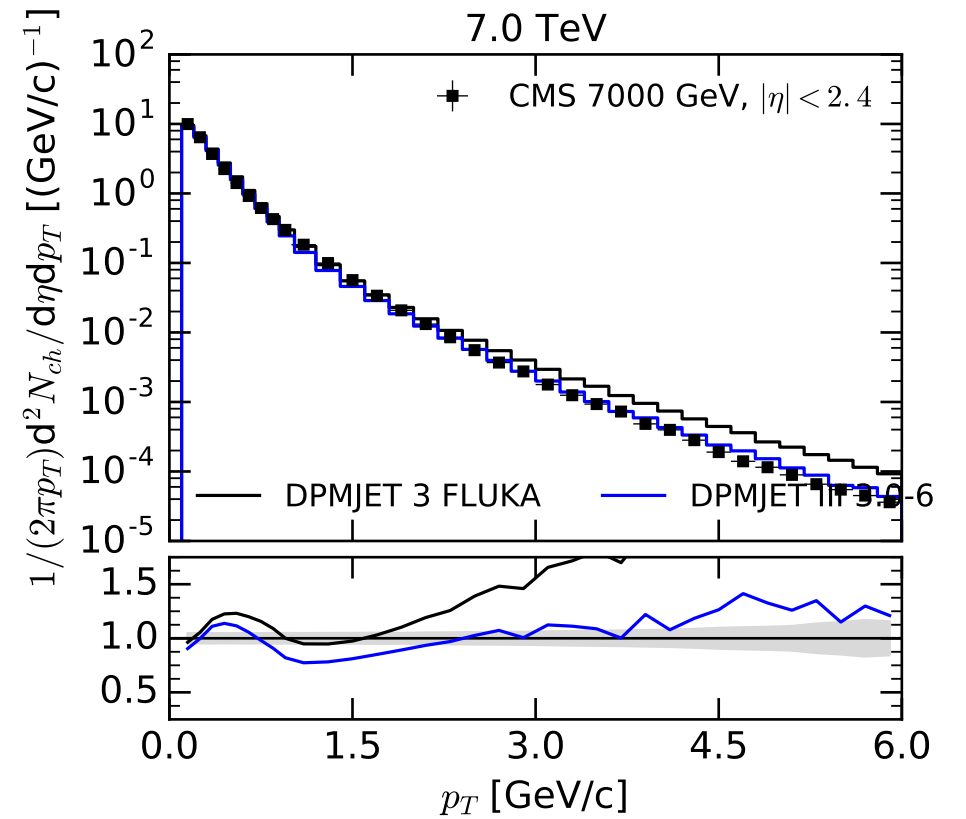
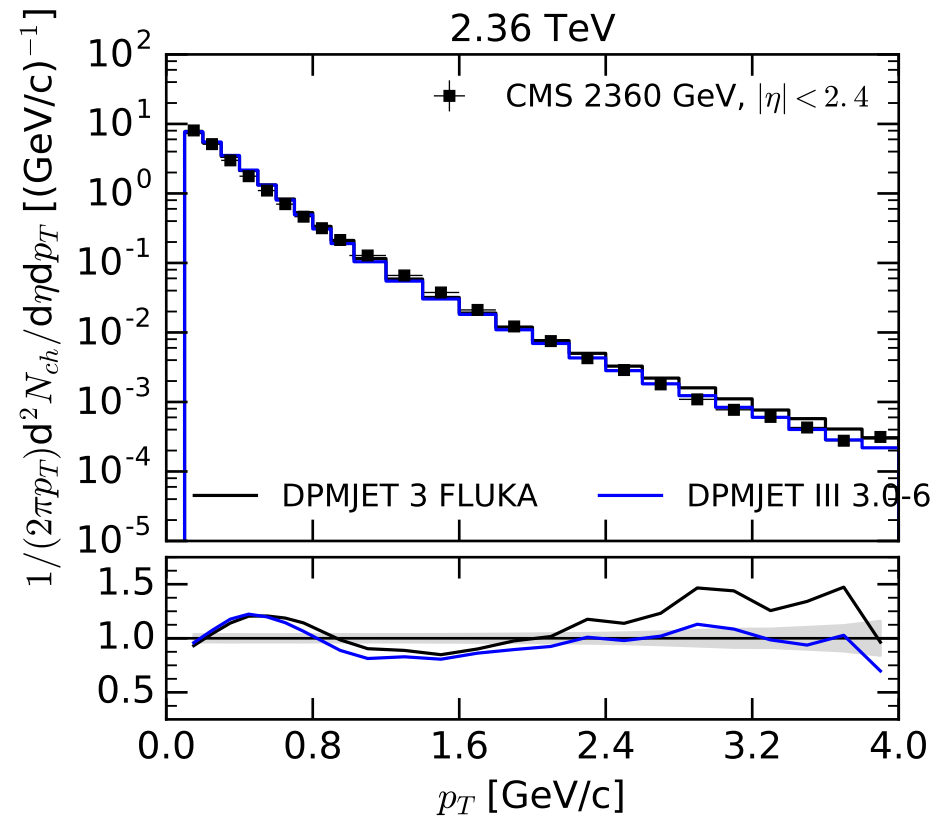
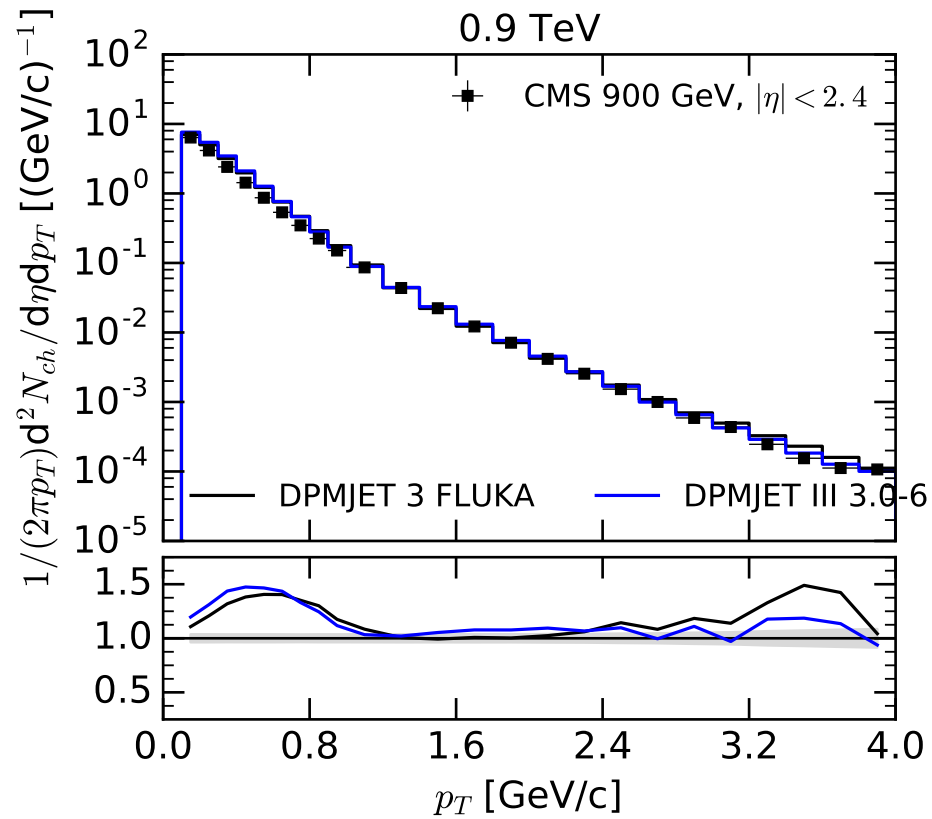
CMS 7000 GeV - NSD charged particle multiplicity.



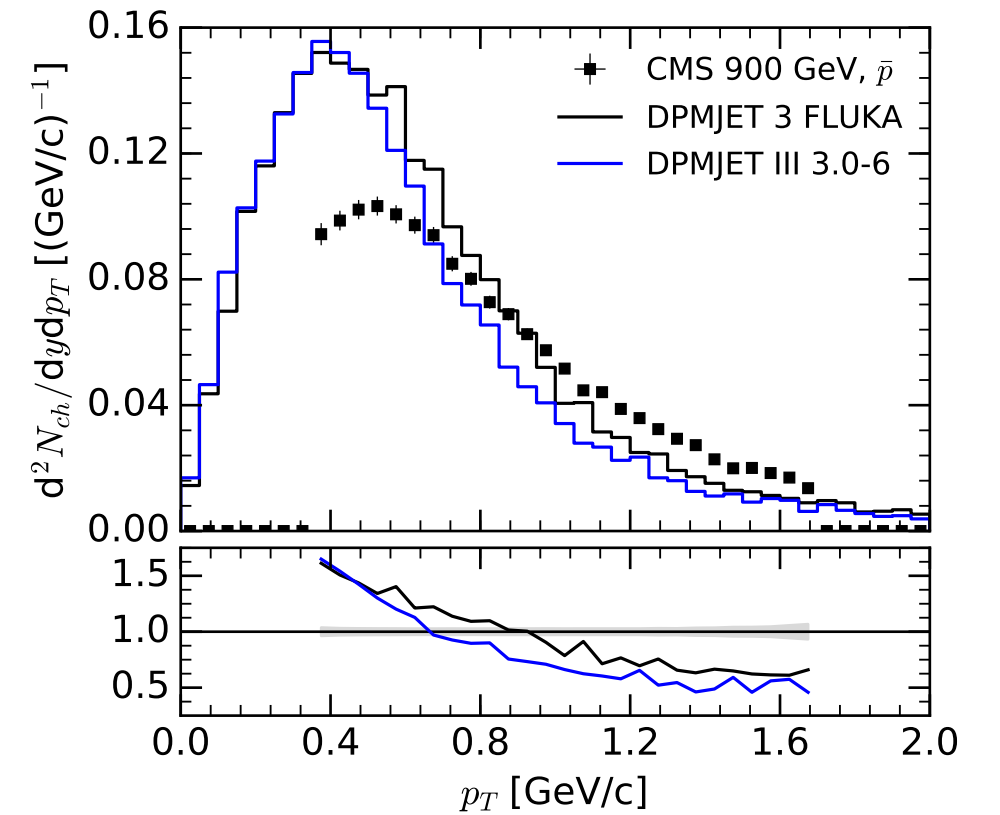
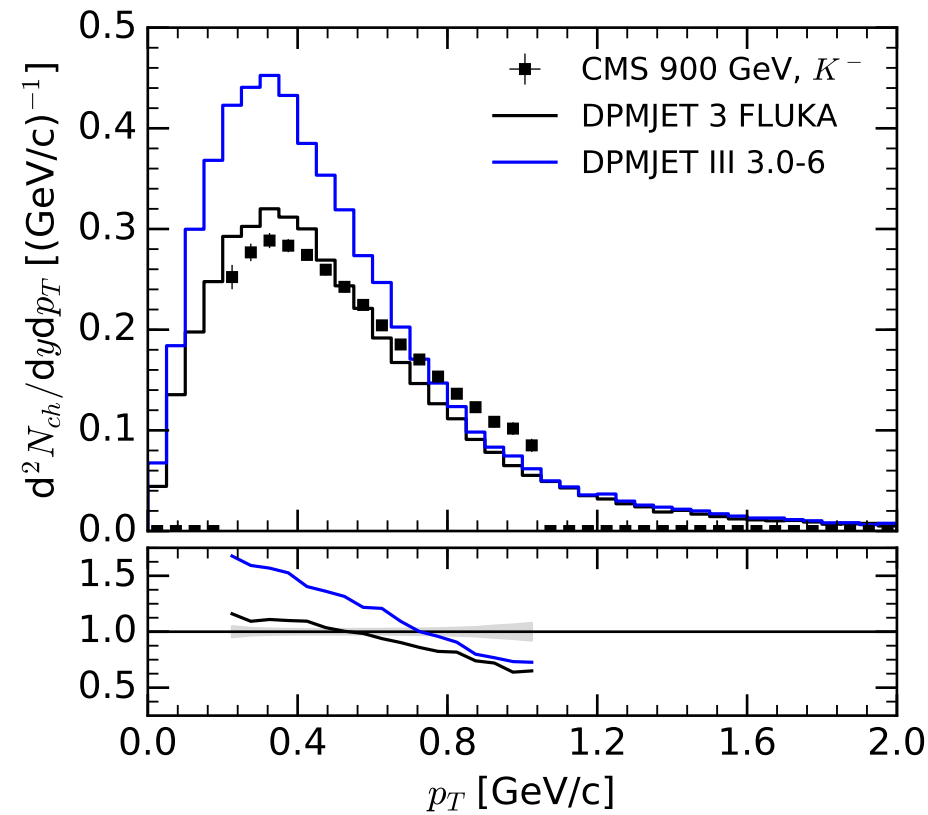
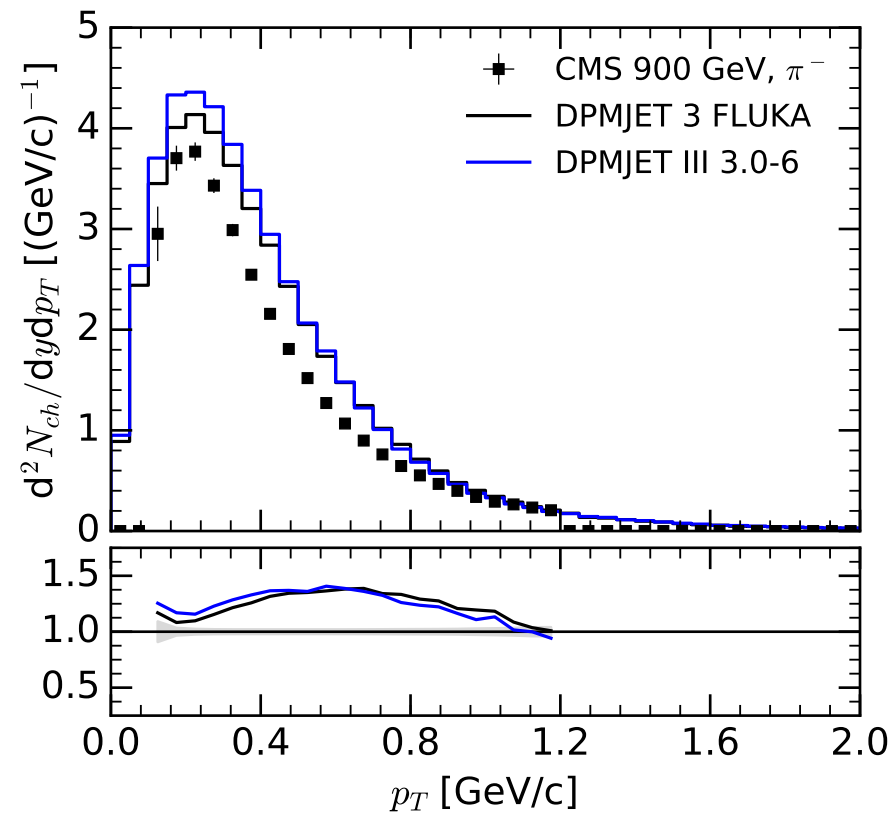
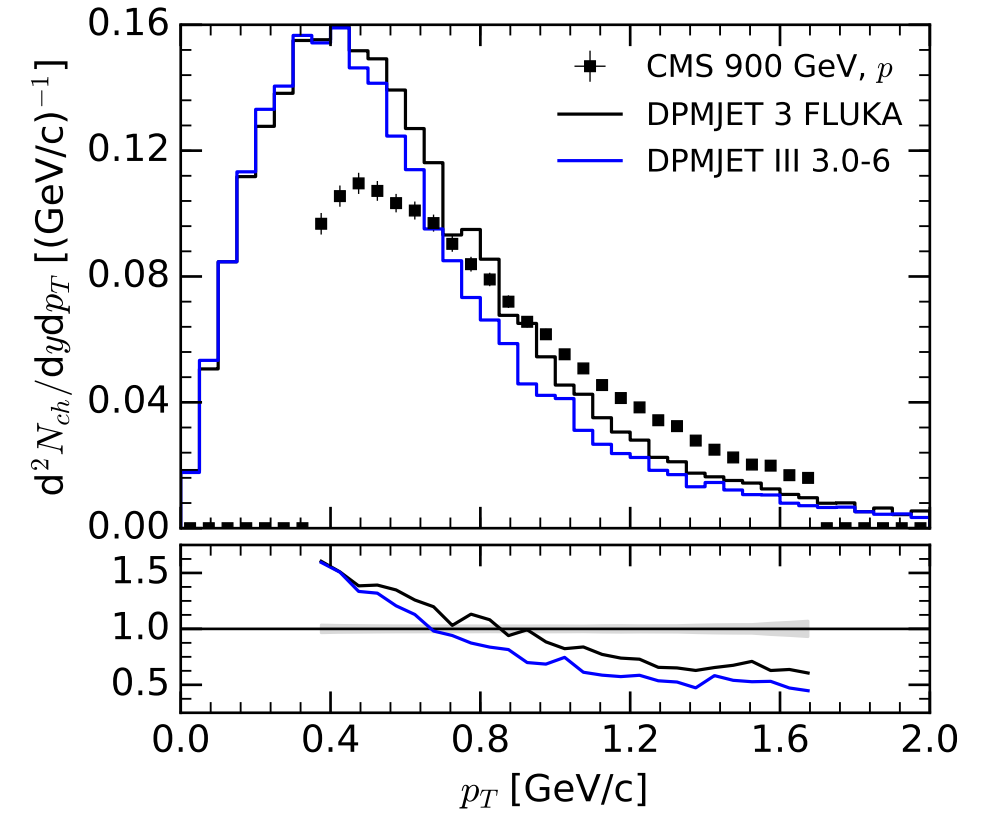
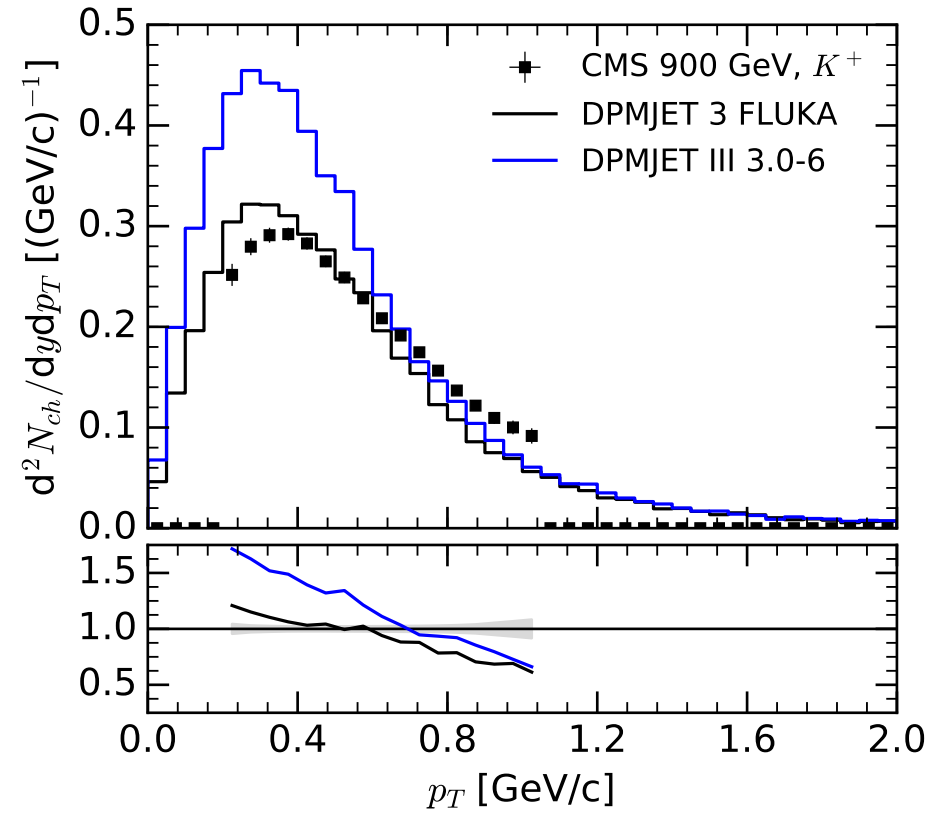
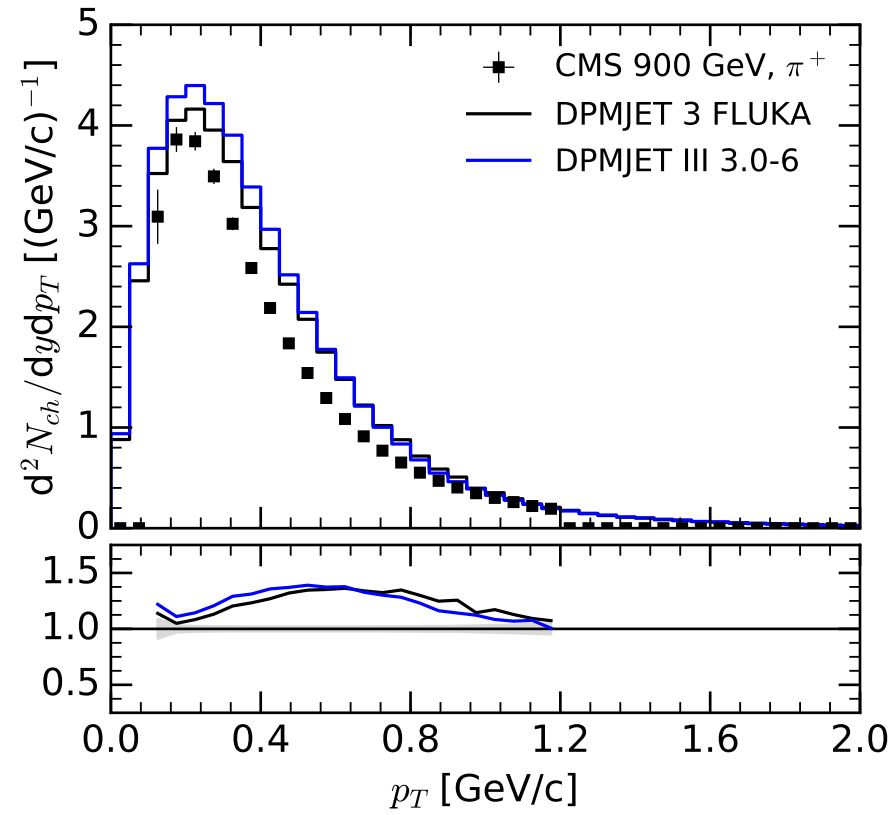
CMS - average p_T for multiplicity bins.



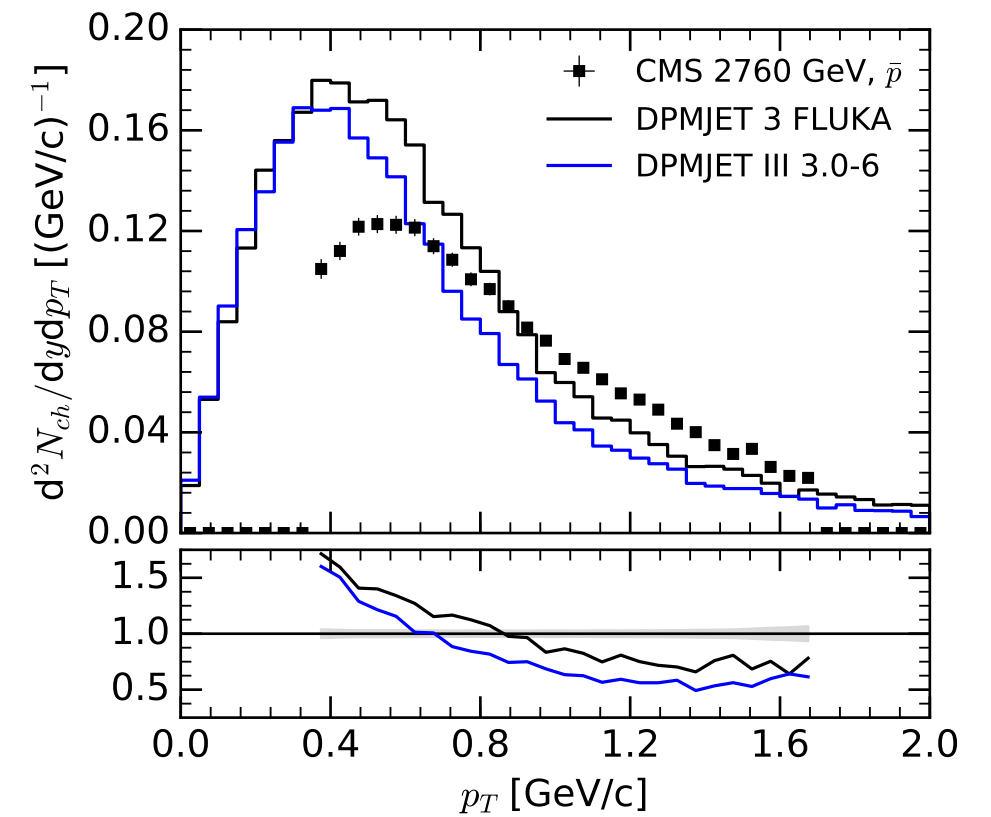
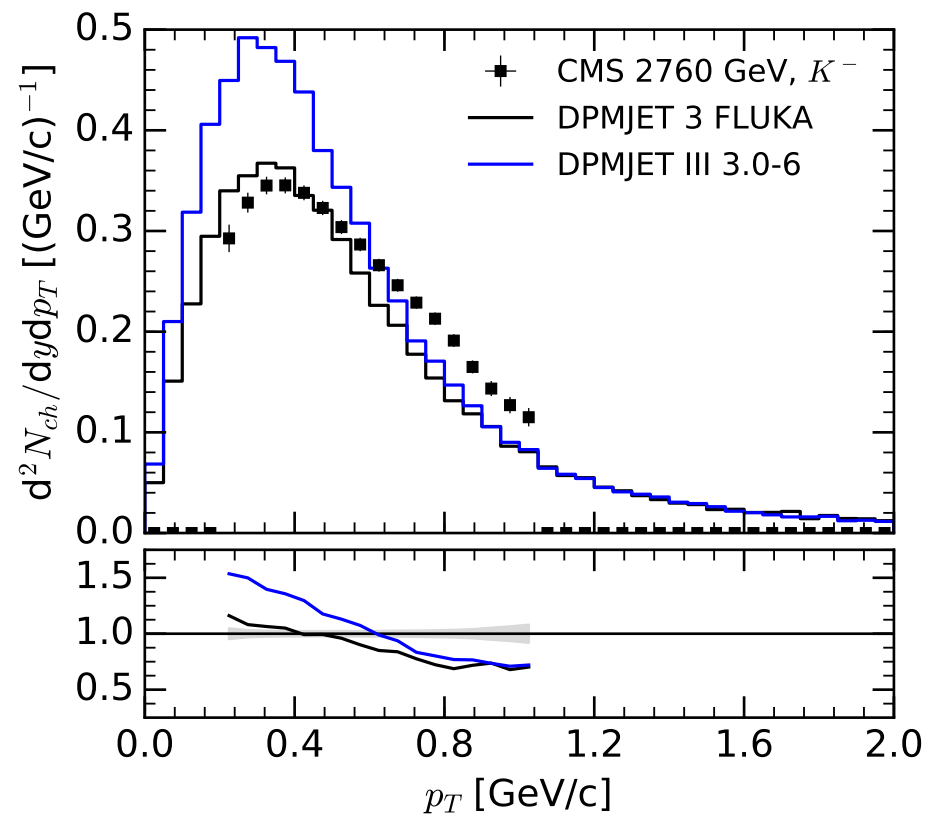
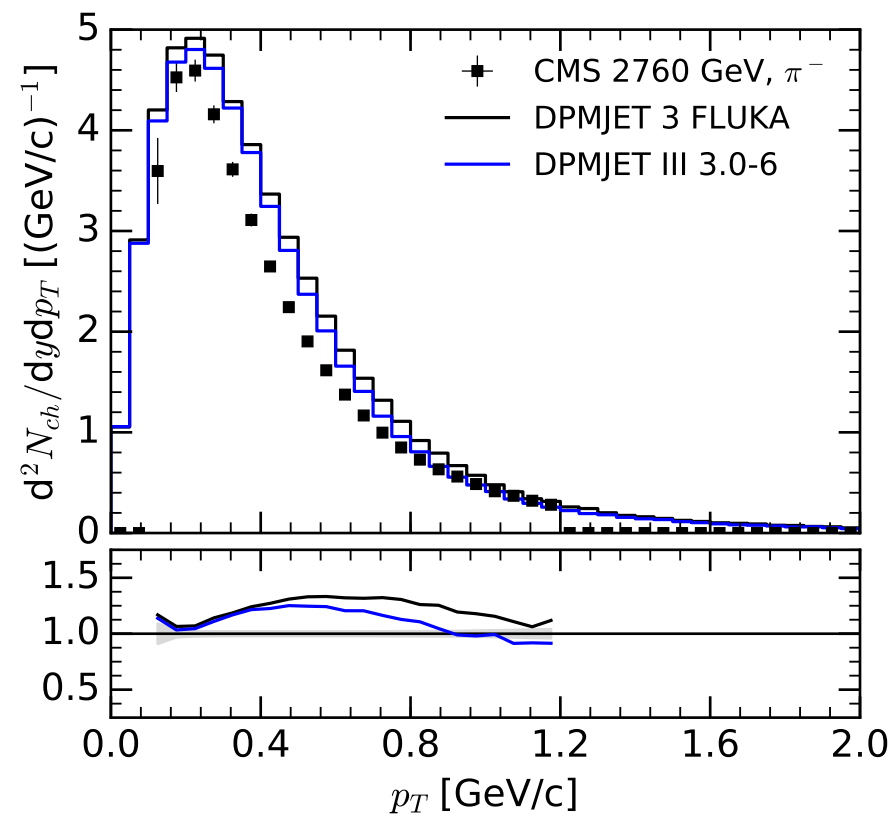
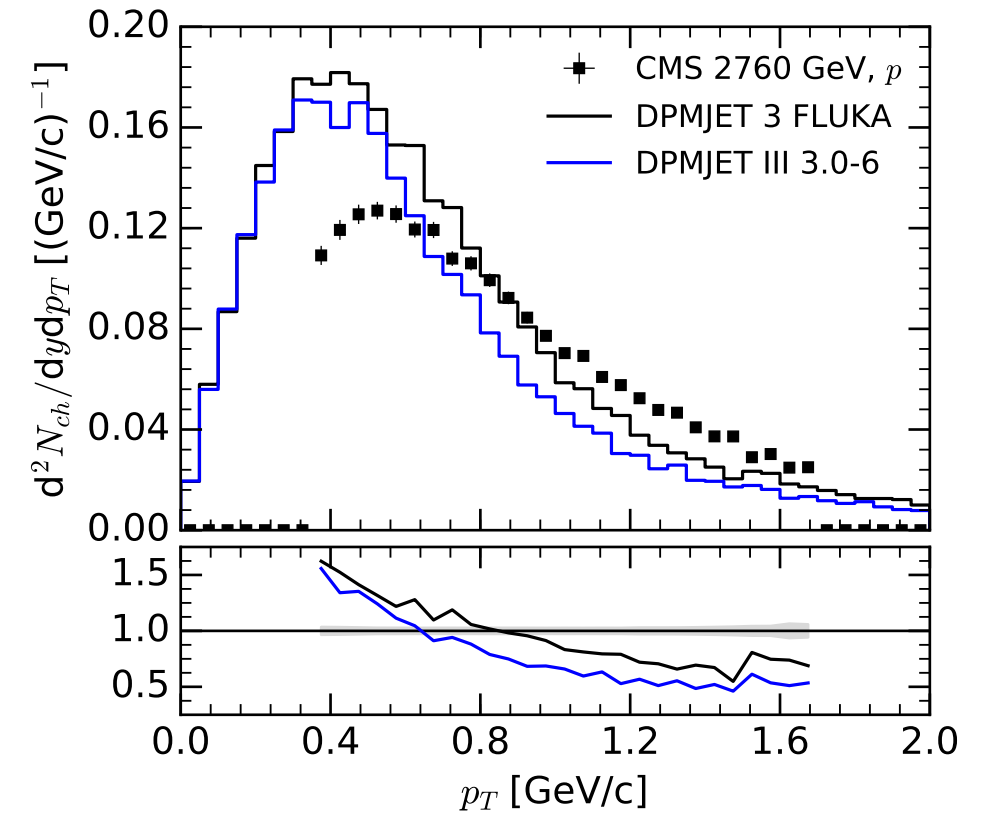
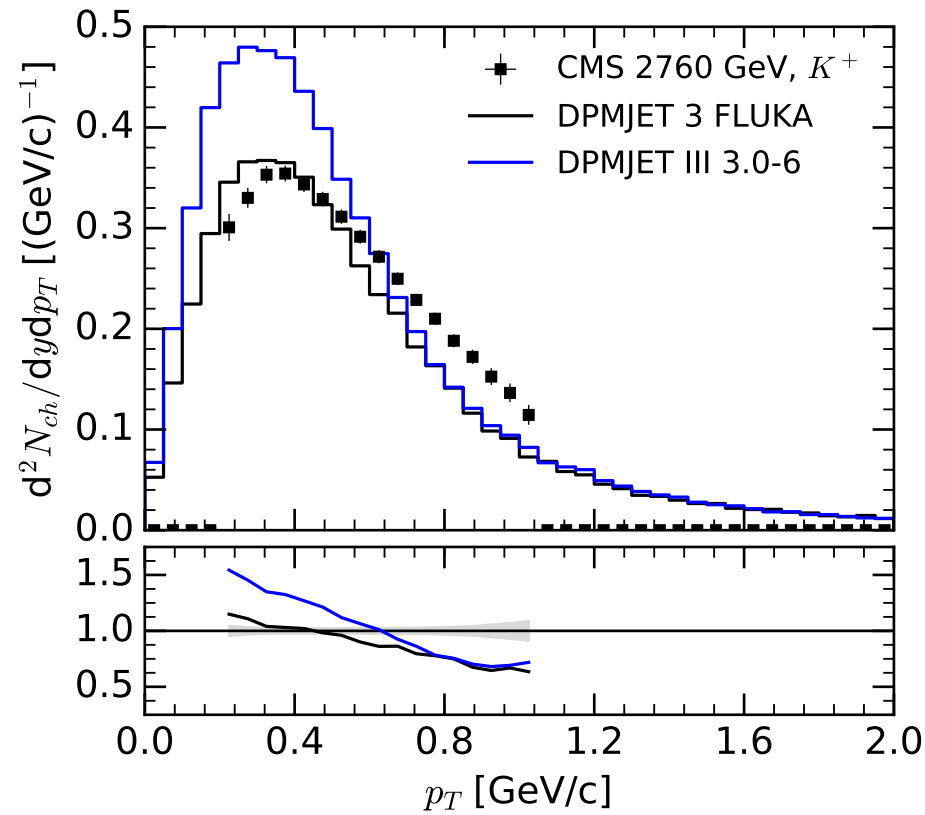
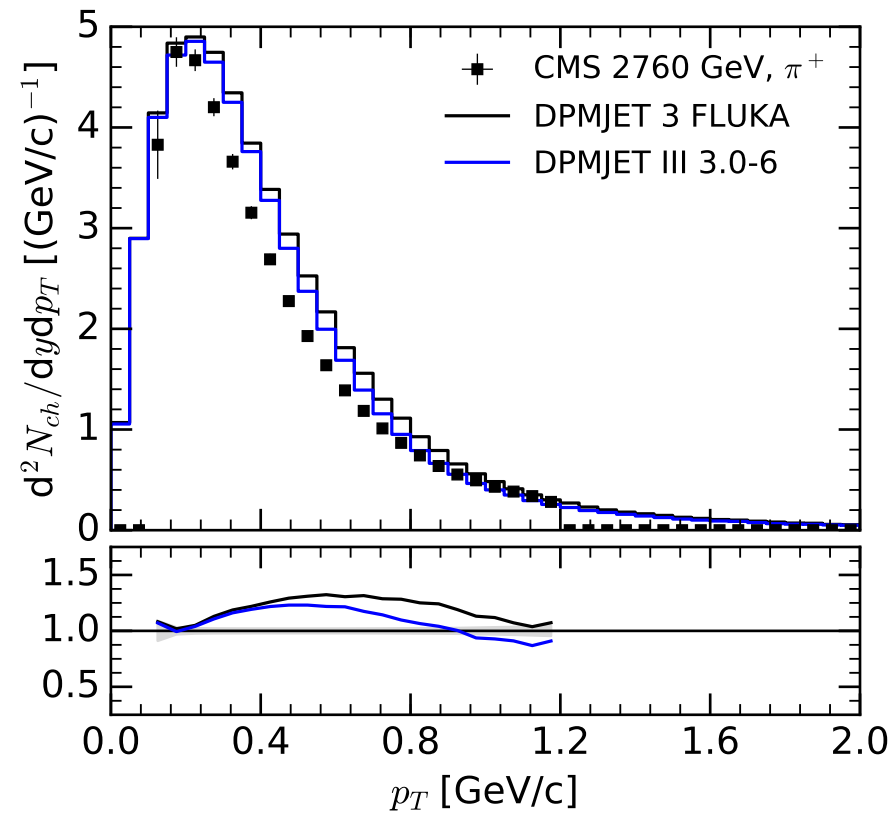
CMS - NSD p_T and η distributions.



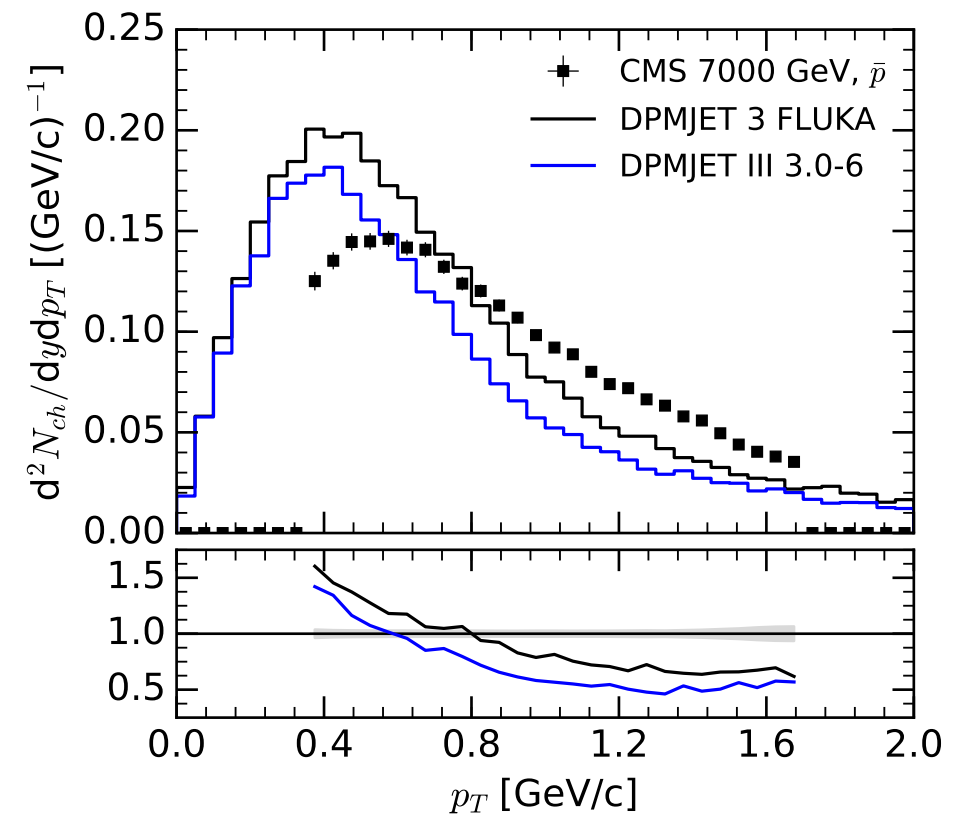
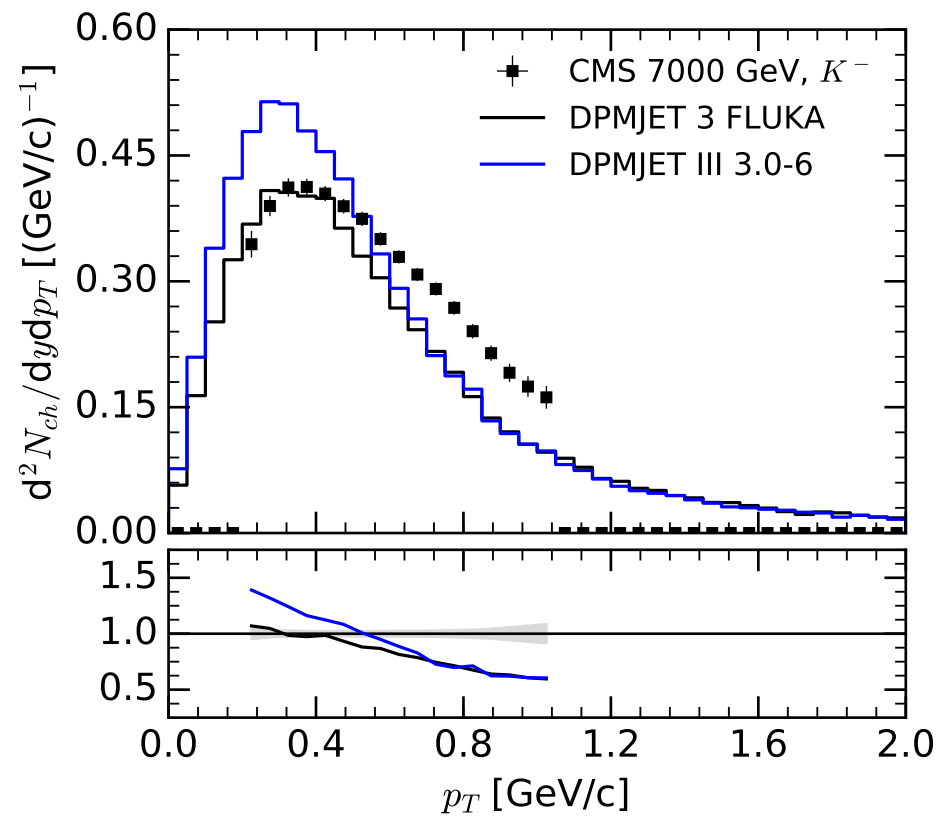
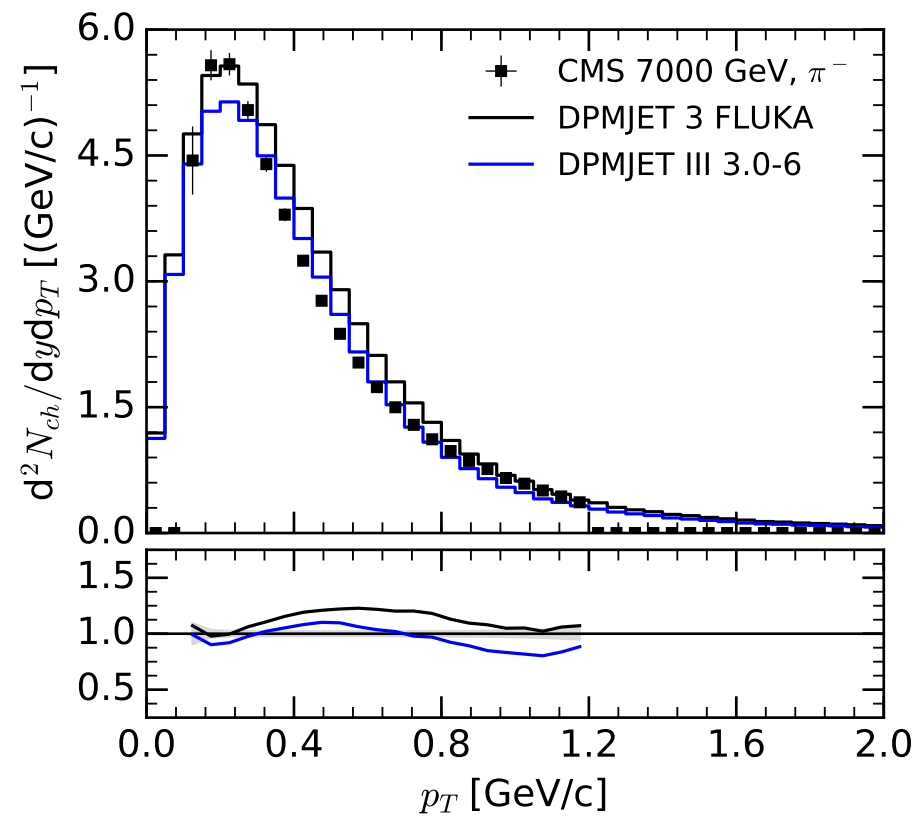
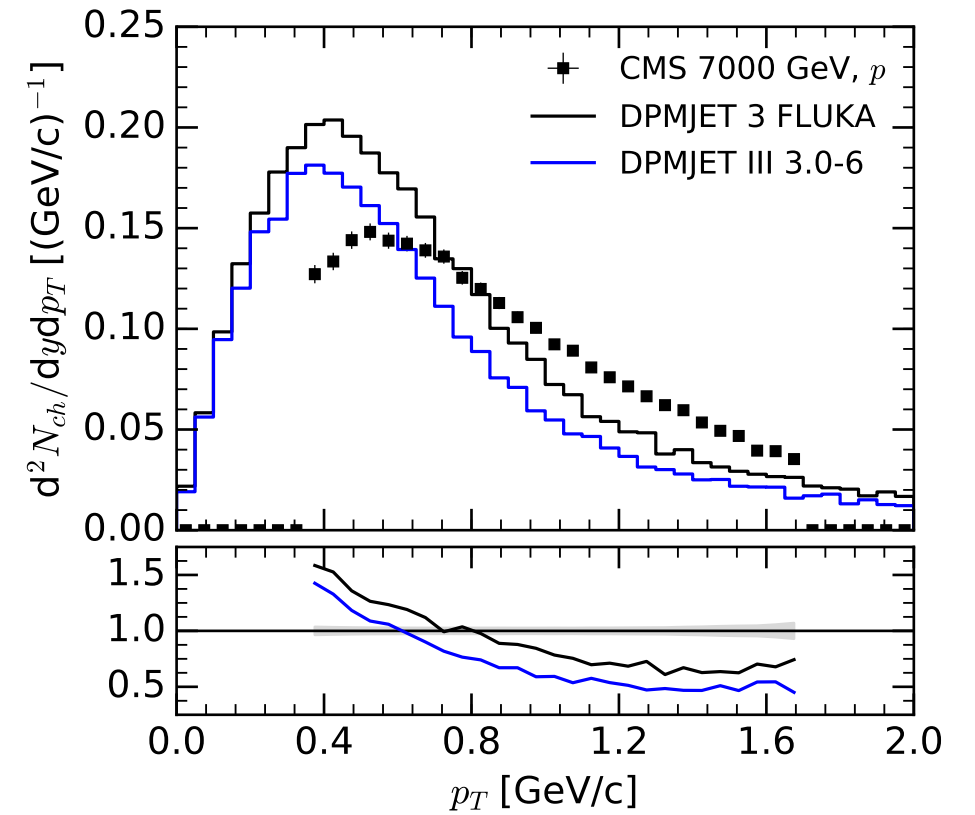
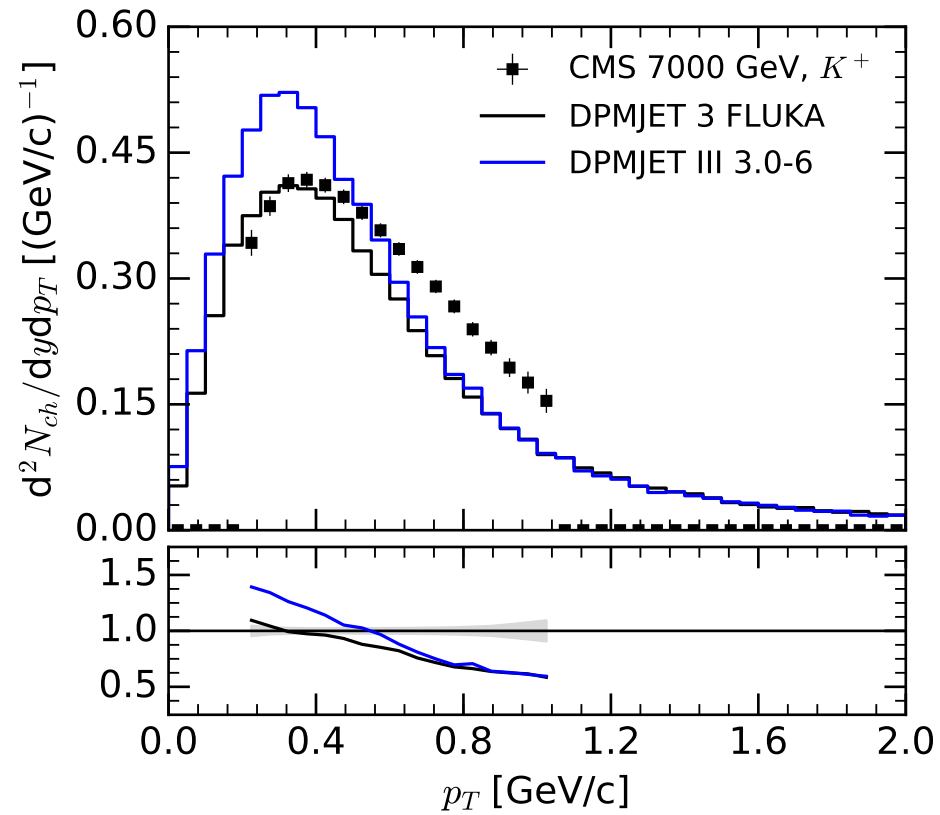
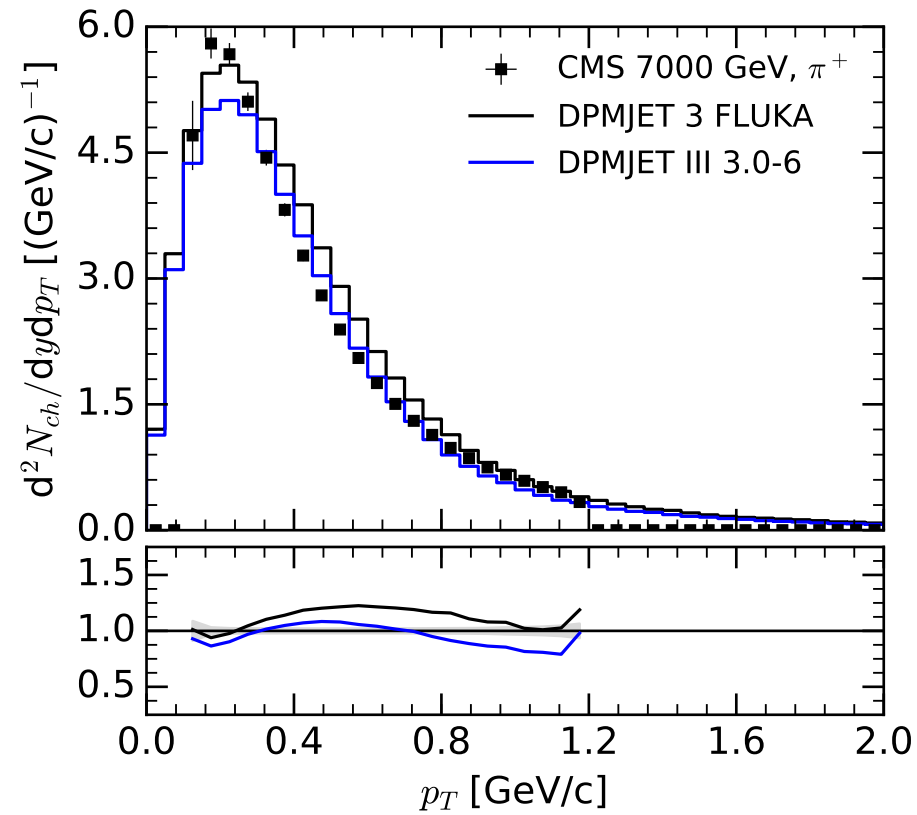
CMS - identified particle spectra in $|y| < 1$ for pp at 900 GeV.



CMS - identified particle spectra in $|y| < 1$ for pp at 2760 GeV.

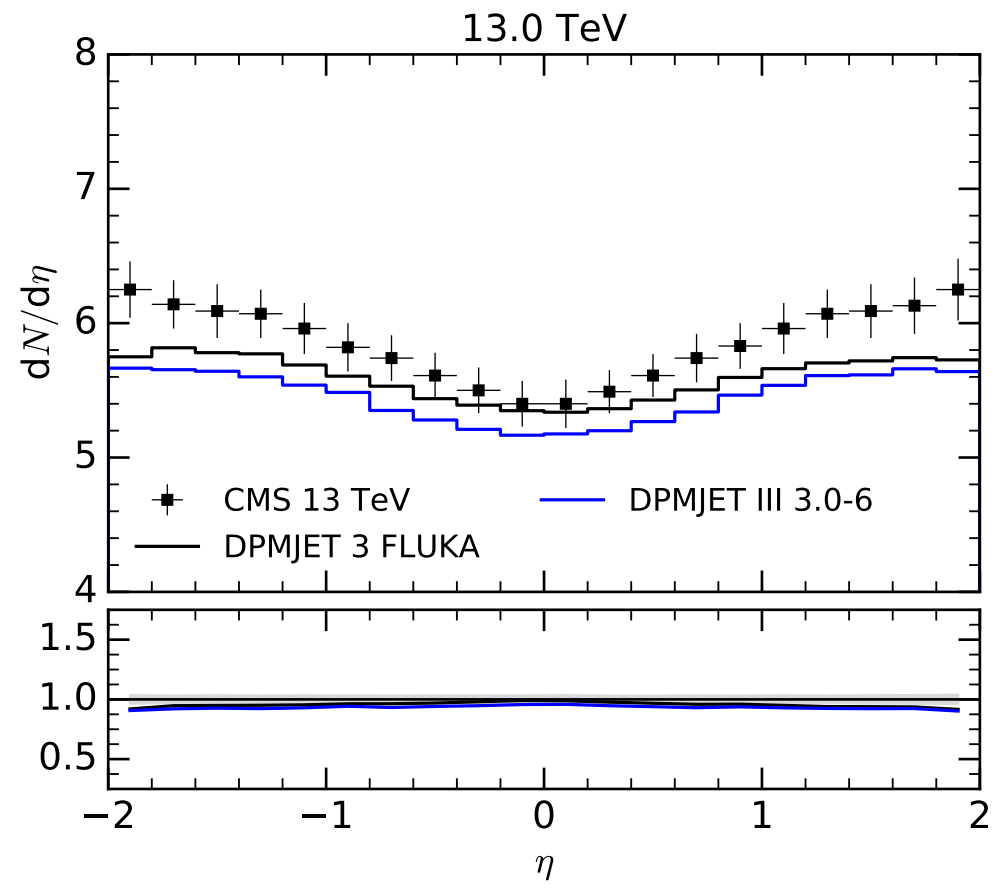


CMS - identified particle spectrain in $|y| < 1$ for pp at 7000 GeV.



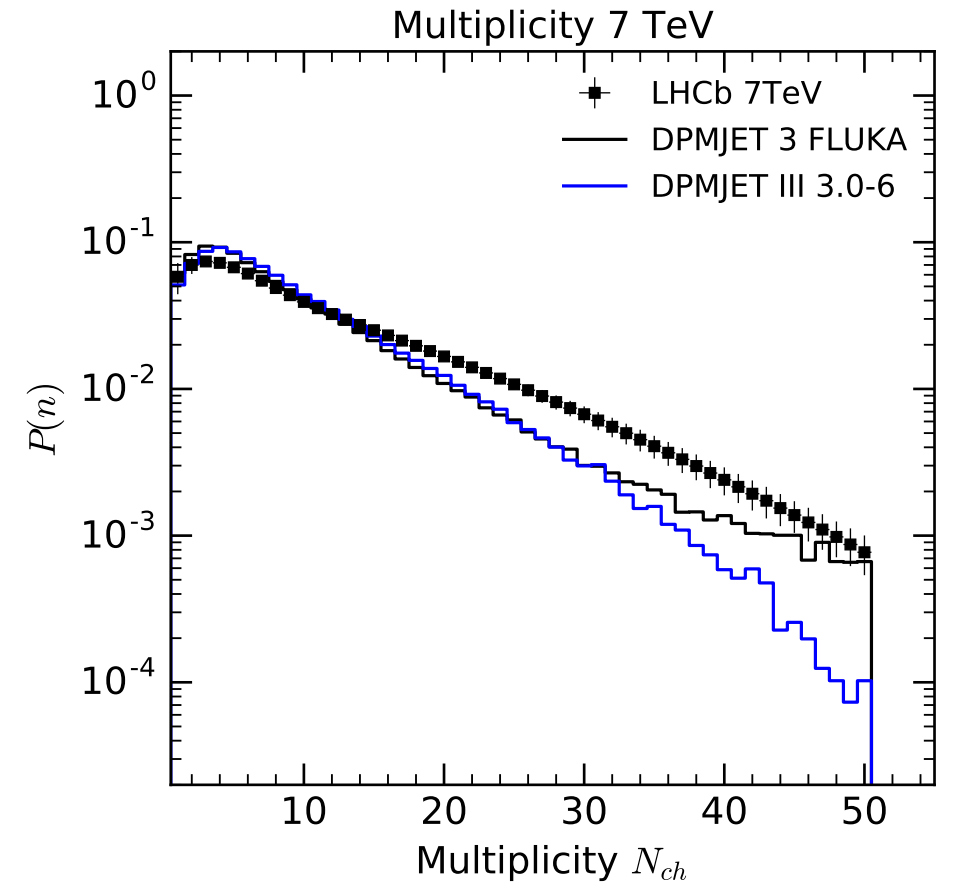
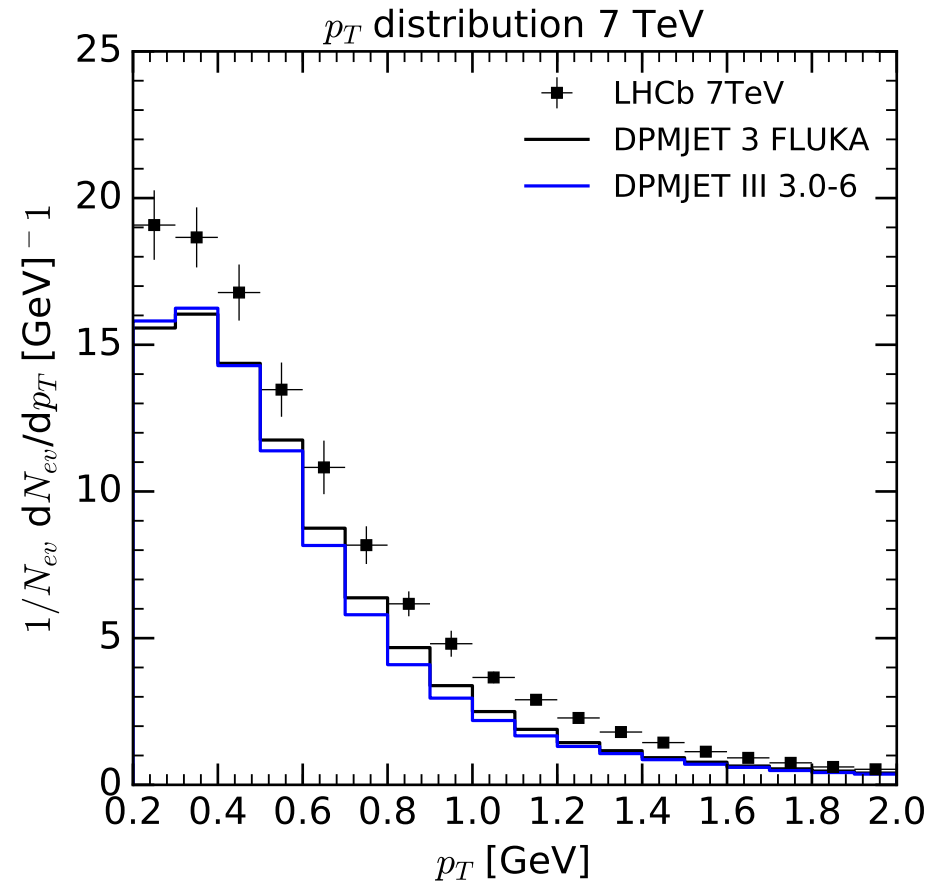
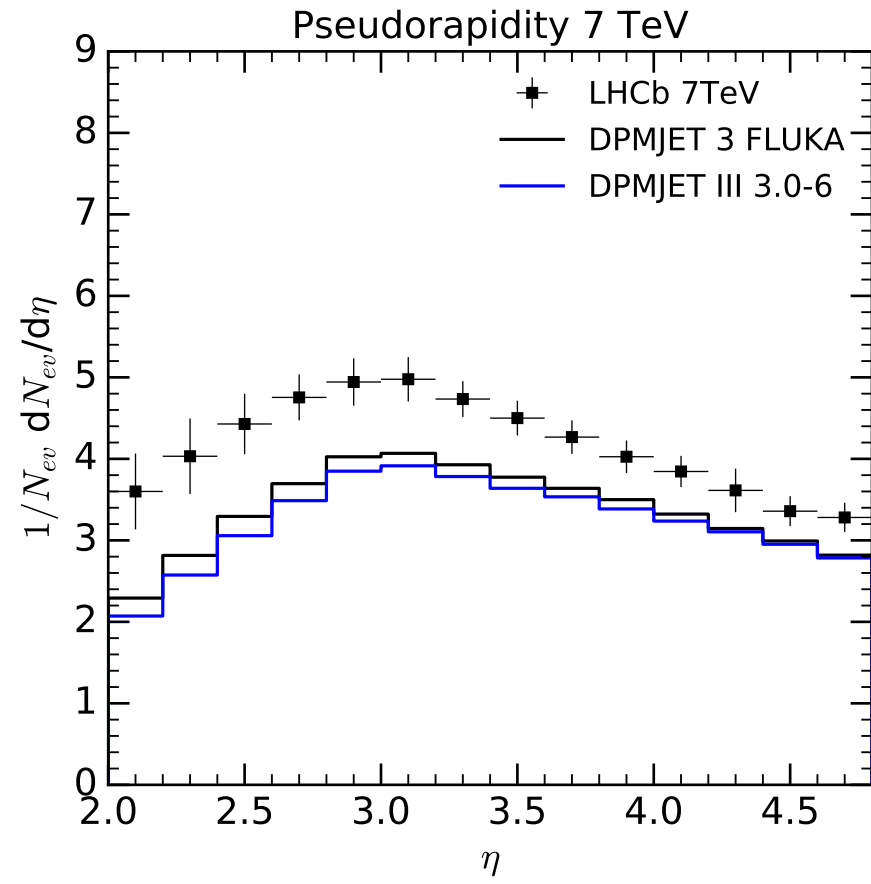
LHC: 13 TeV data

CMS - INEL η distribution.

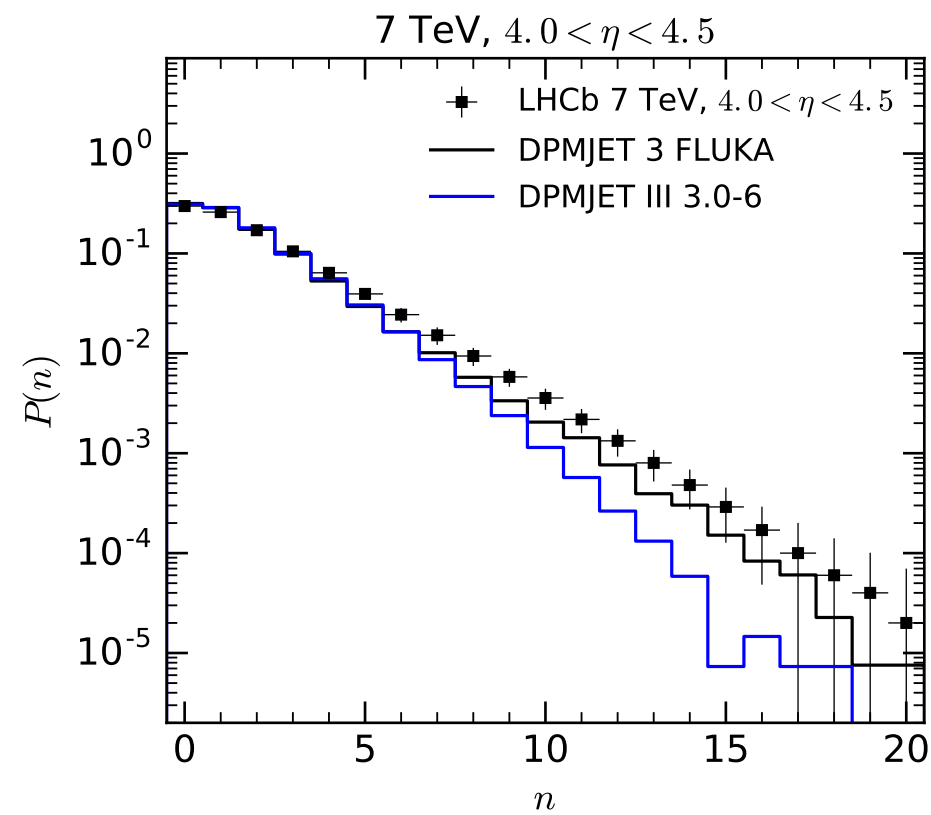
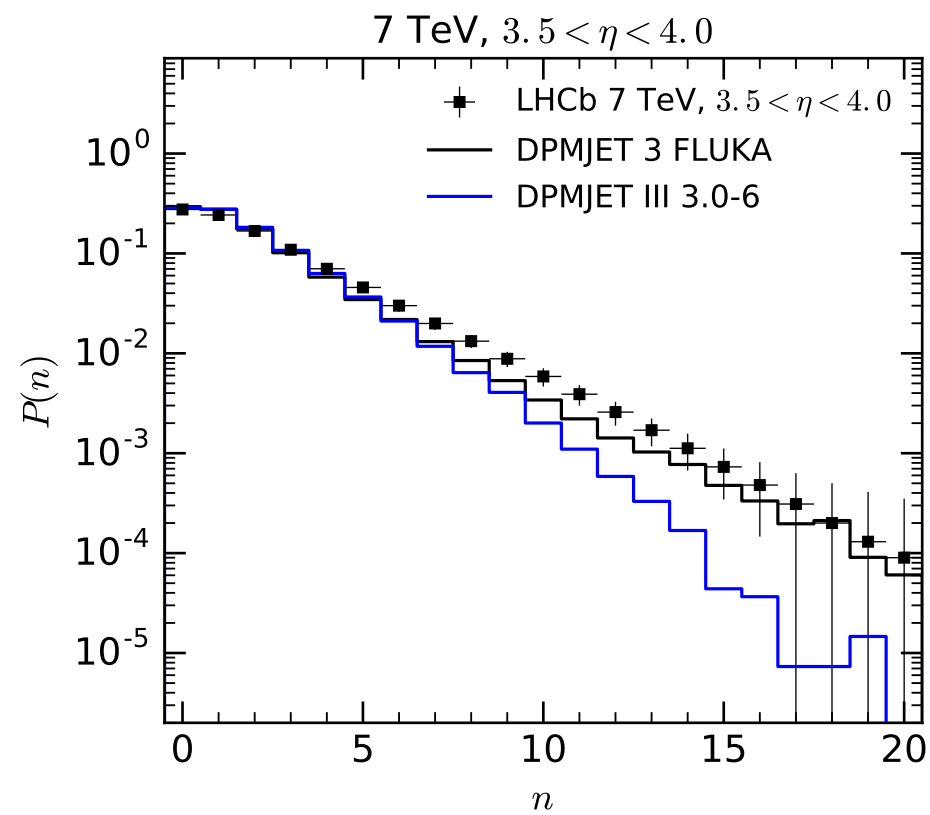
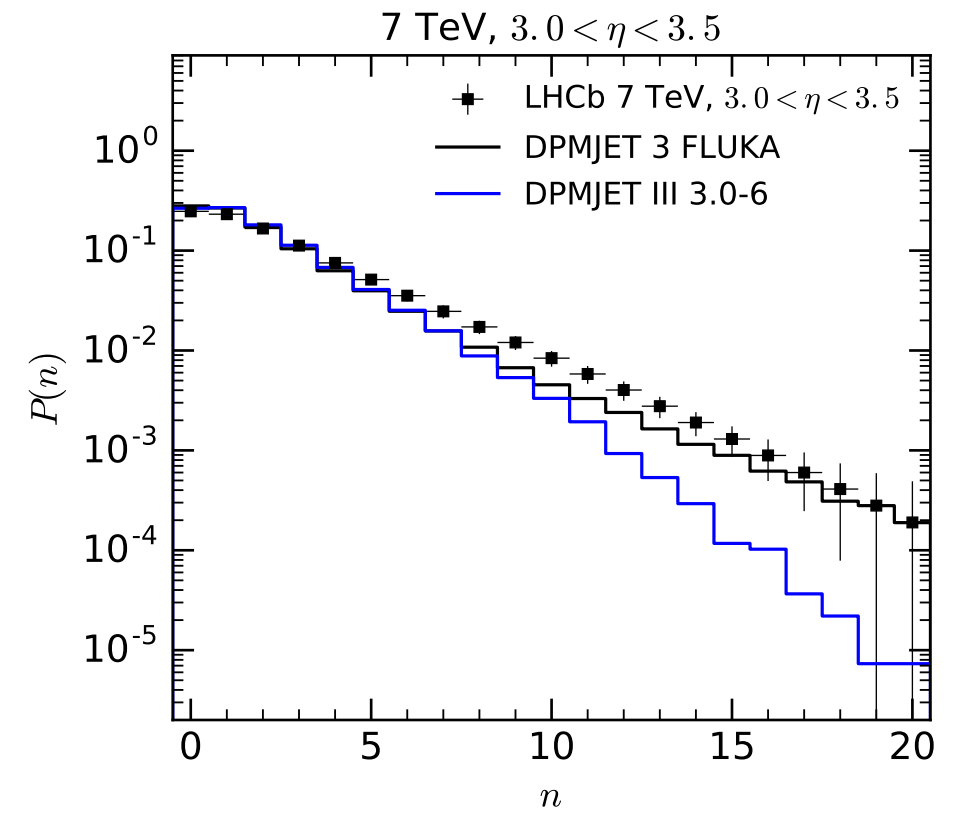
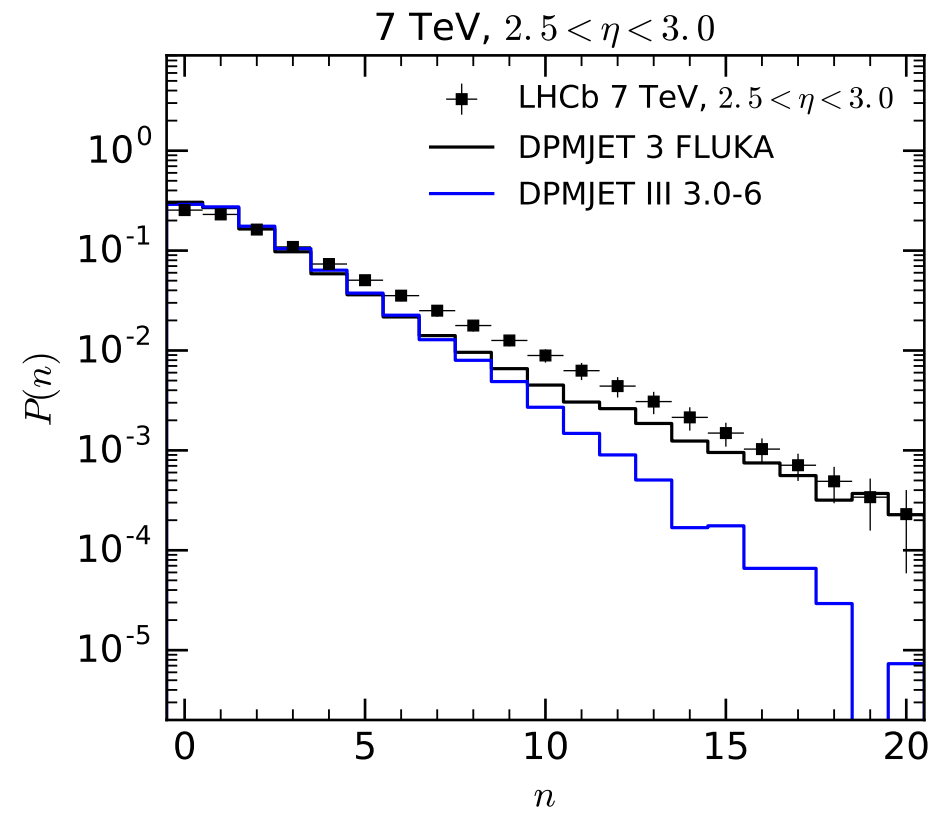
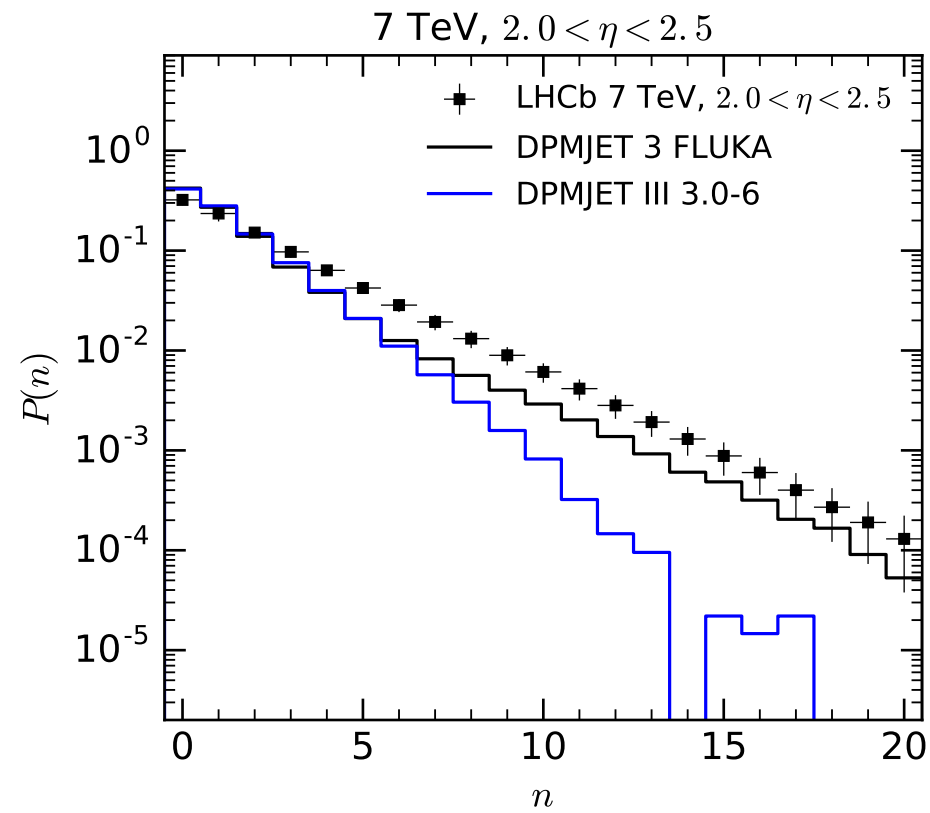


LHC: LHCb Minimum Bias

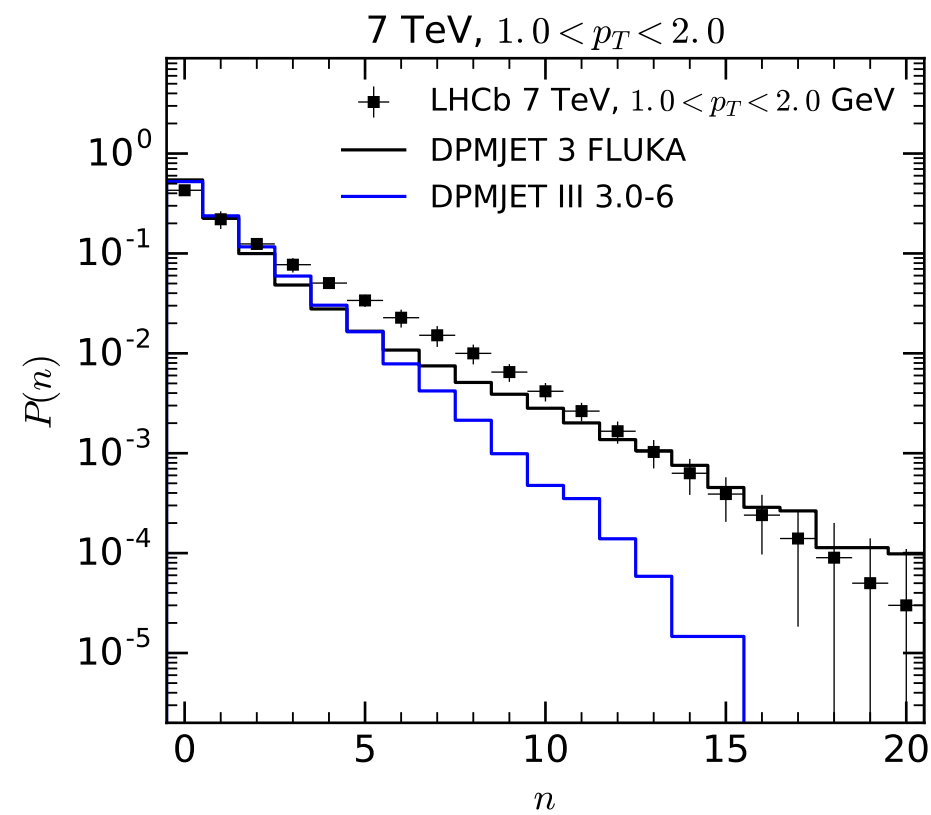
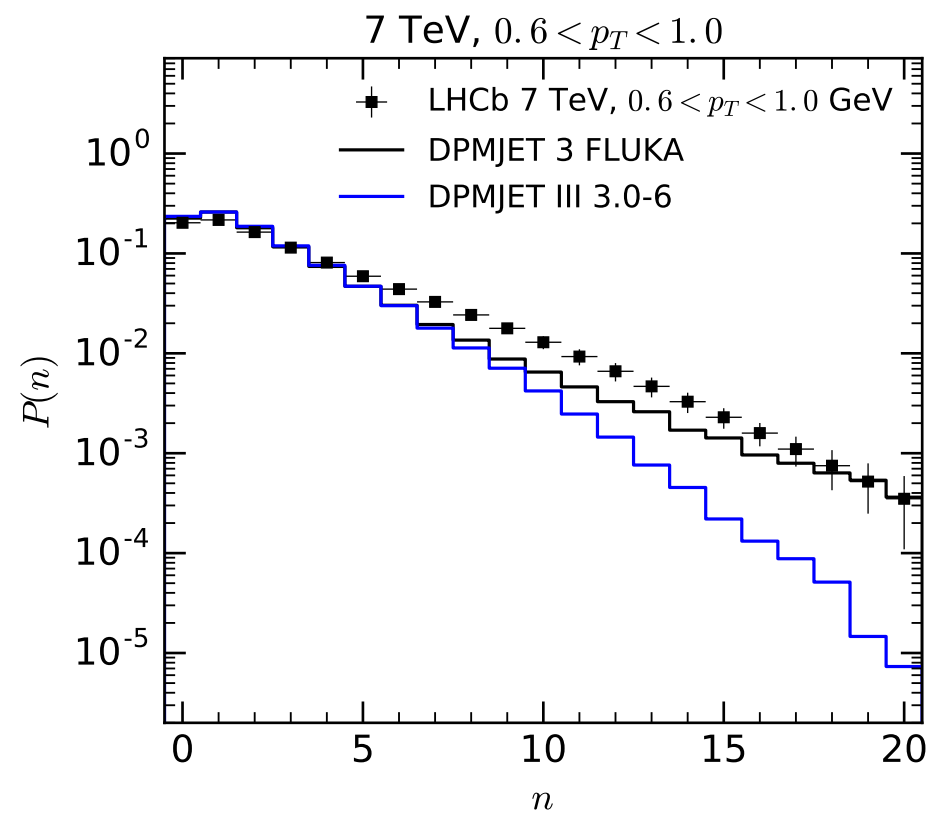
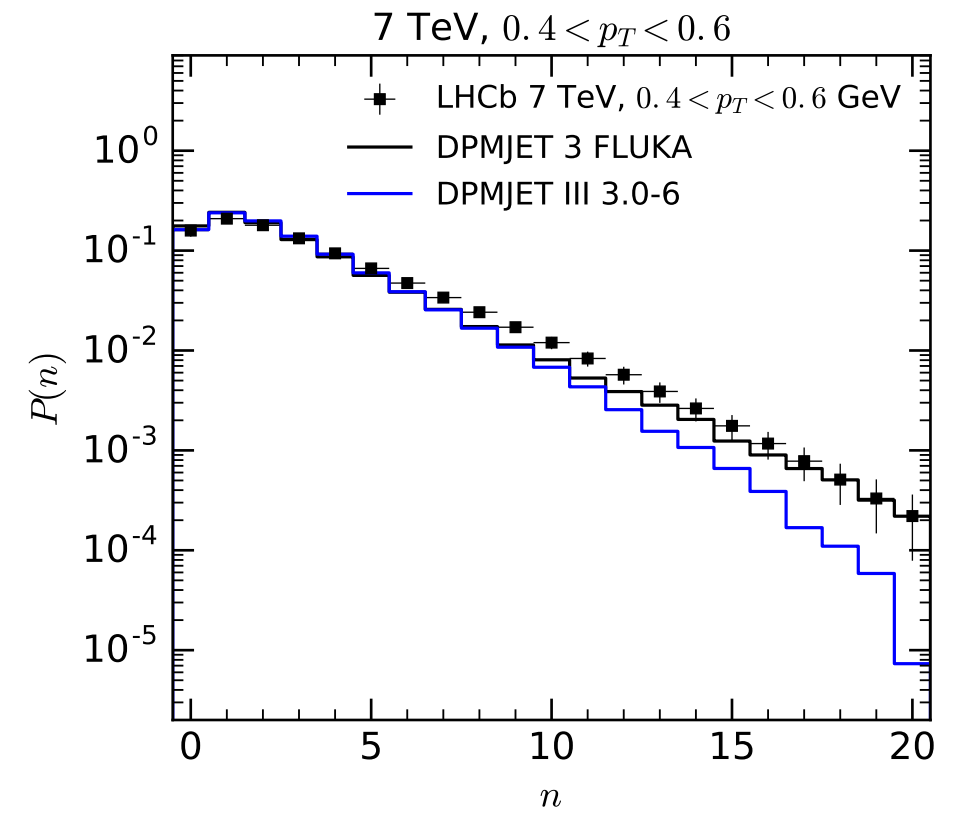
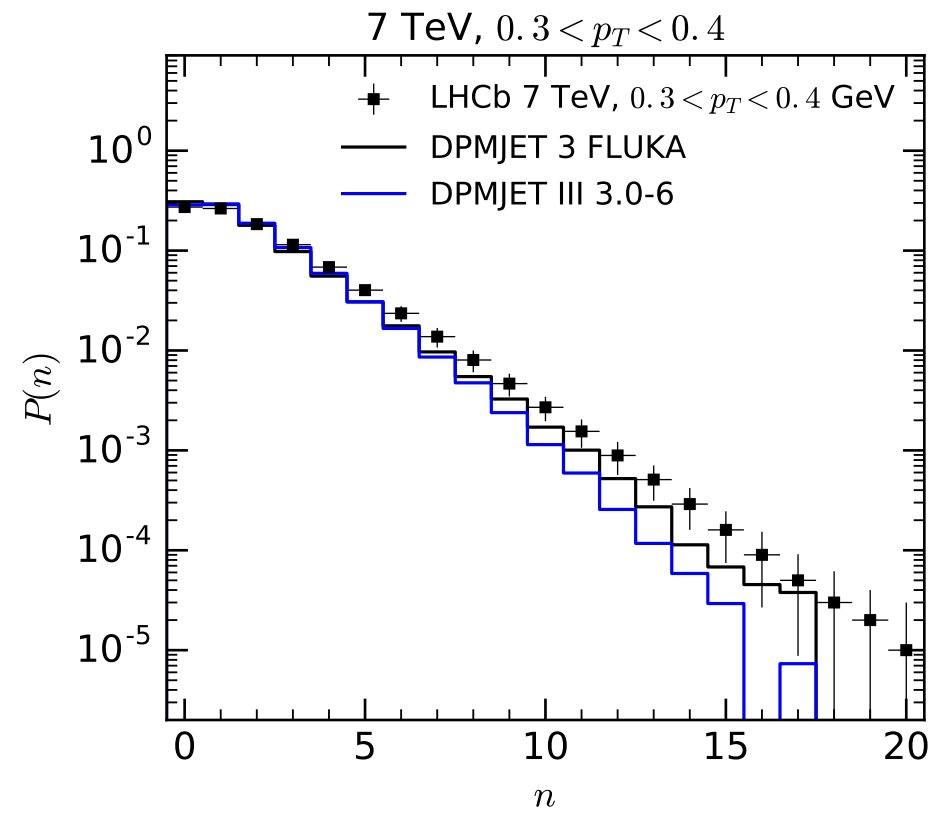
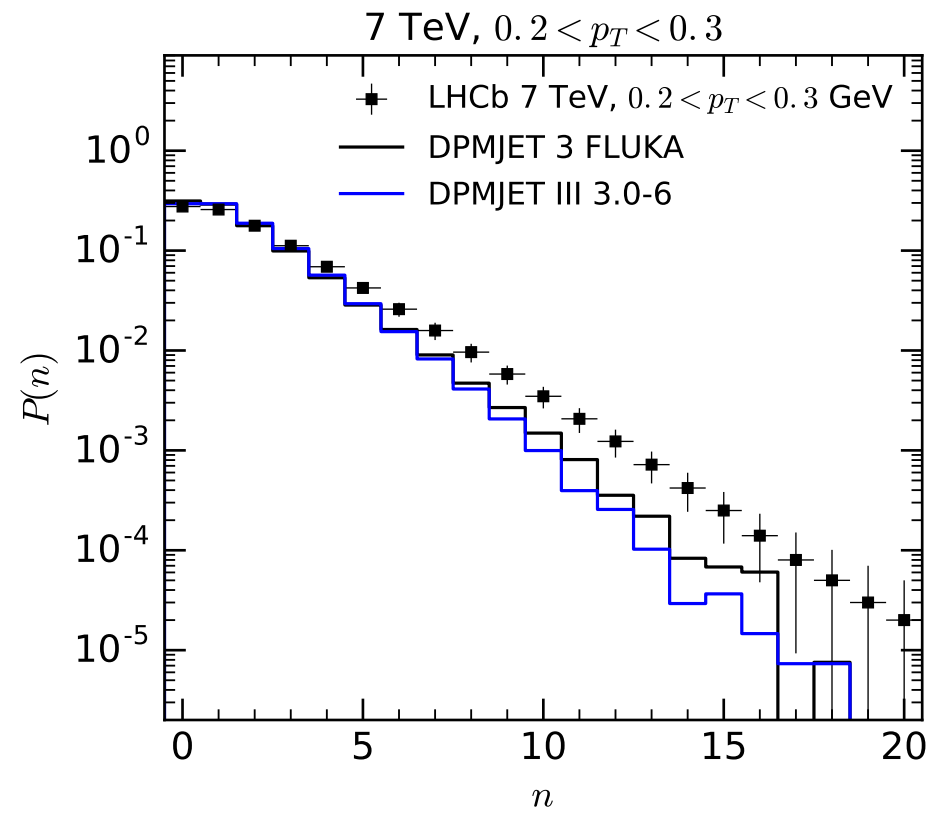
LHCb - inclusive charged particles in $2 < \eta < 4.8$ at 7 TeV



LHCb: Charged particle multiplicities in pp collisions at 7 TeV

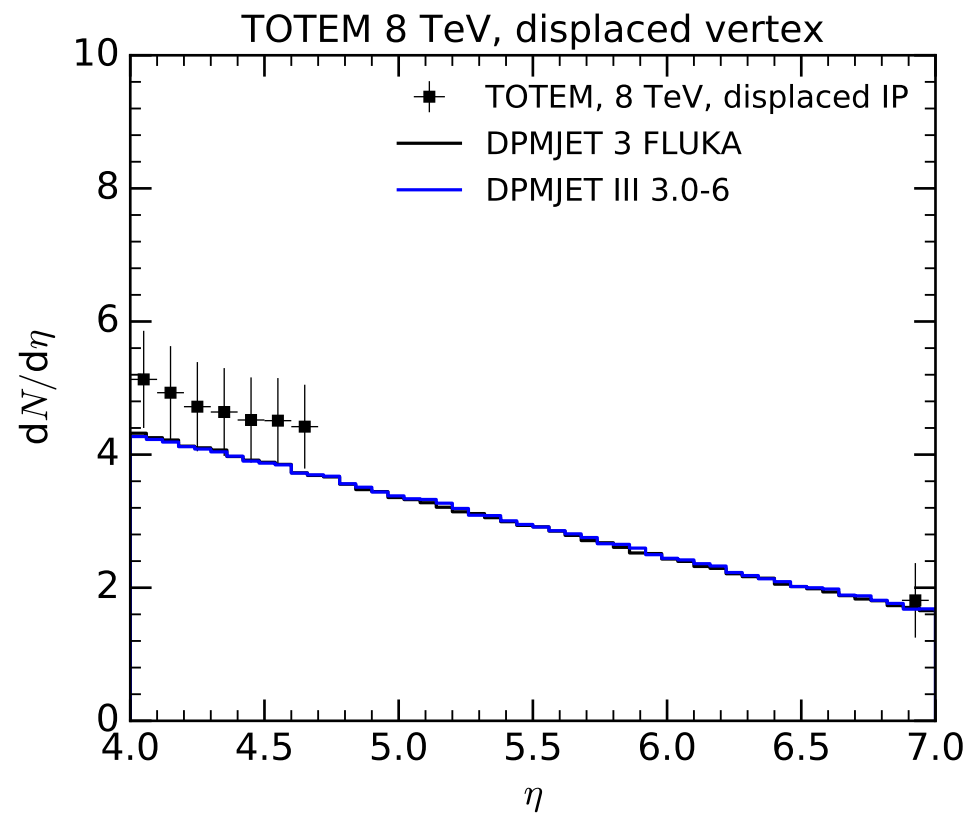
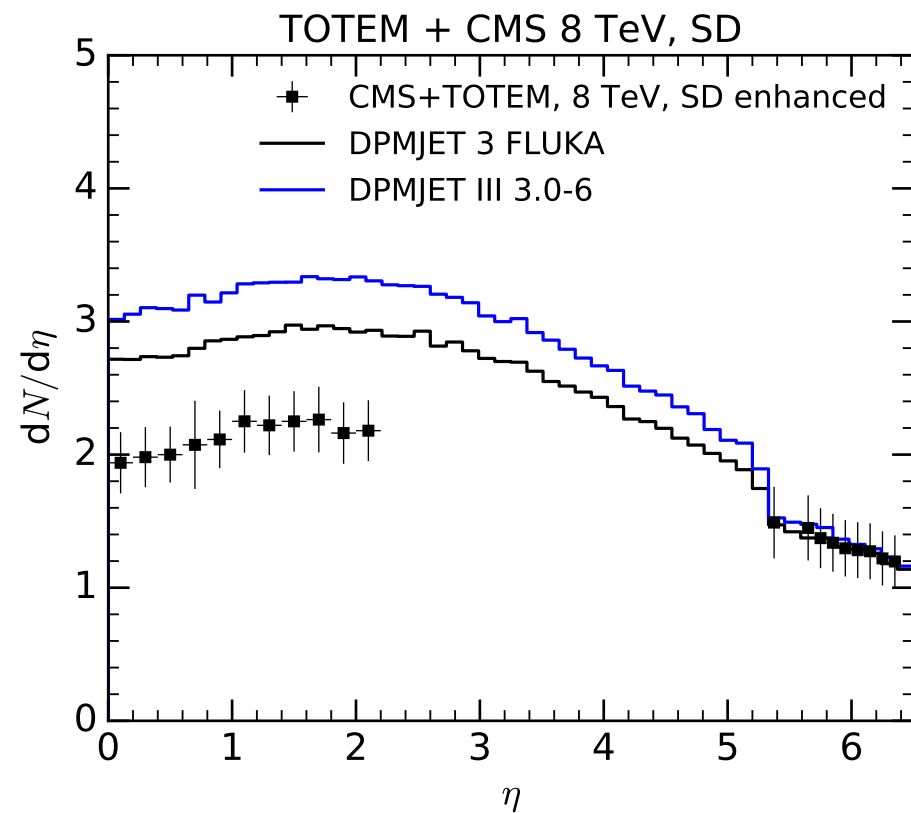
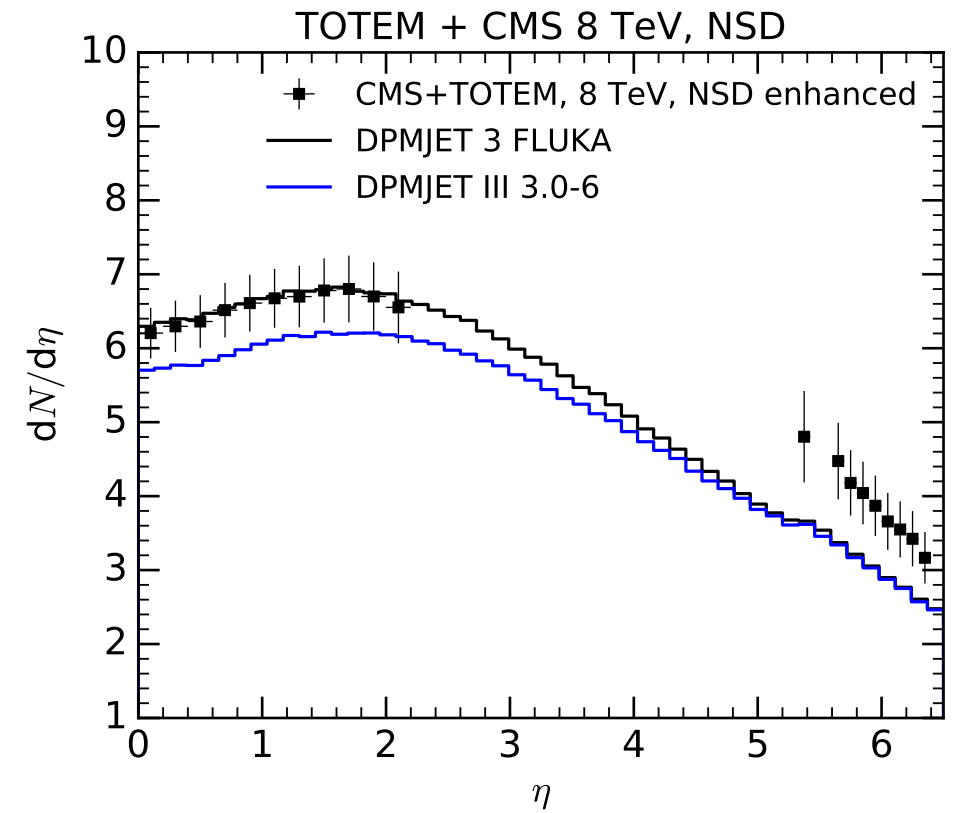
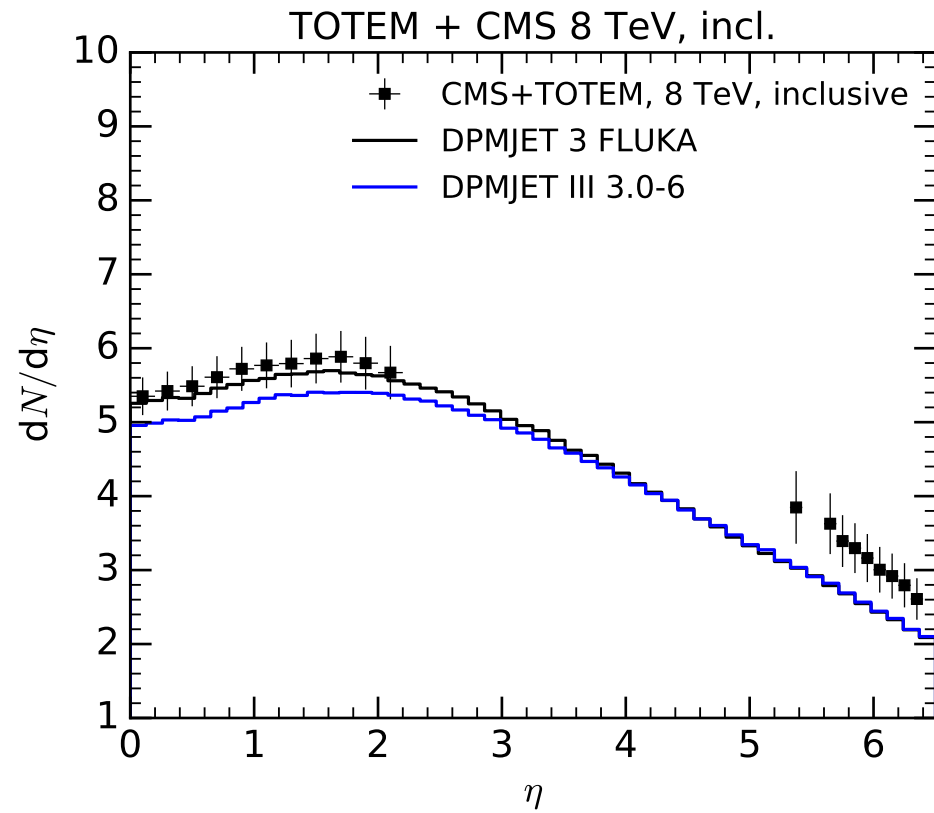
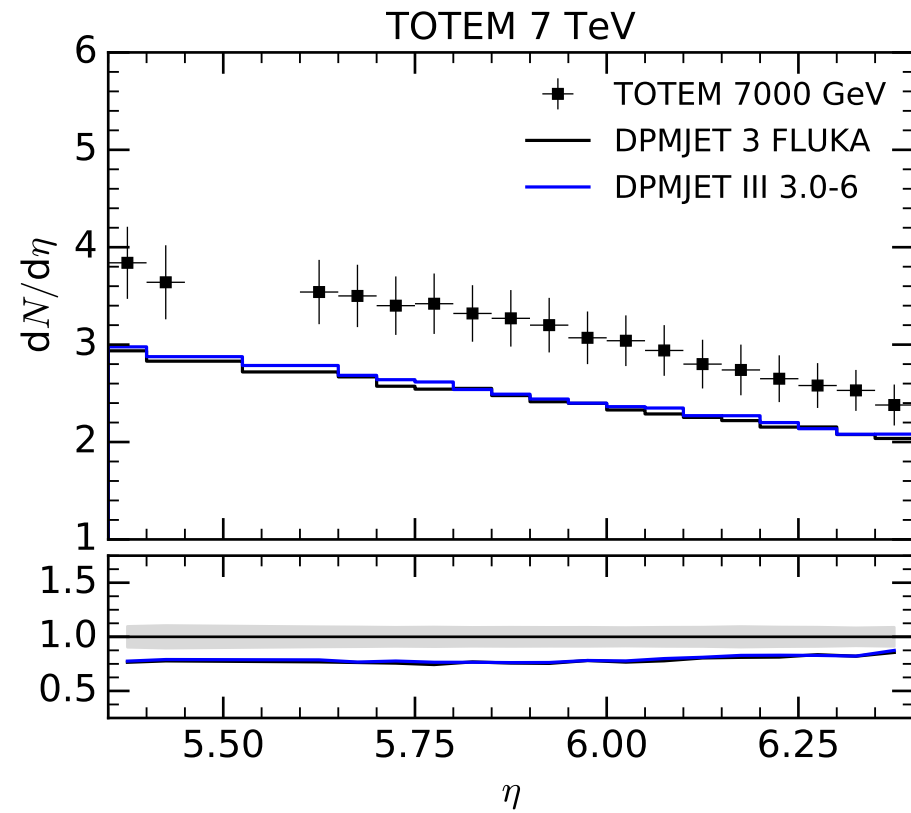


LHCb: Charged particle multiplicities in pp collisions at 7 TeV

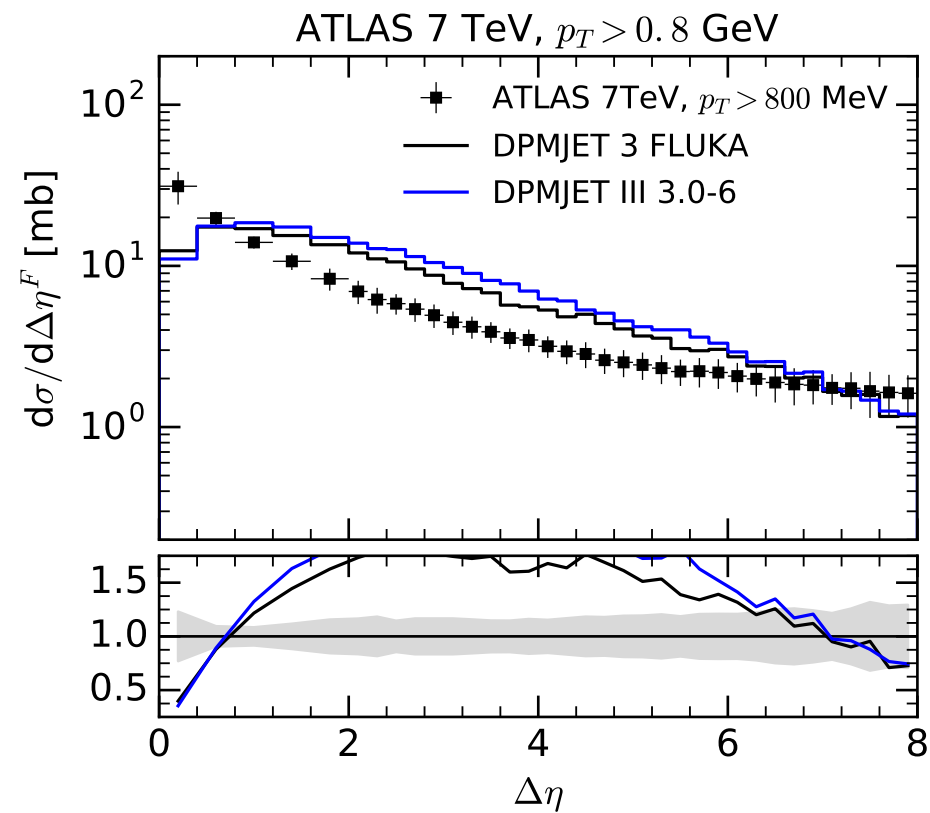
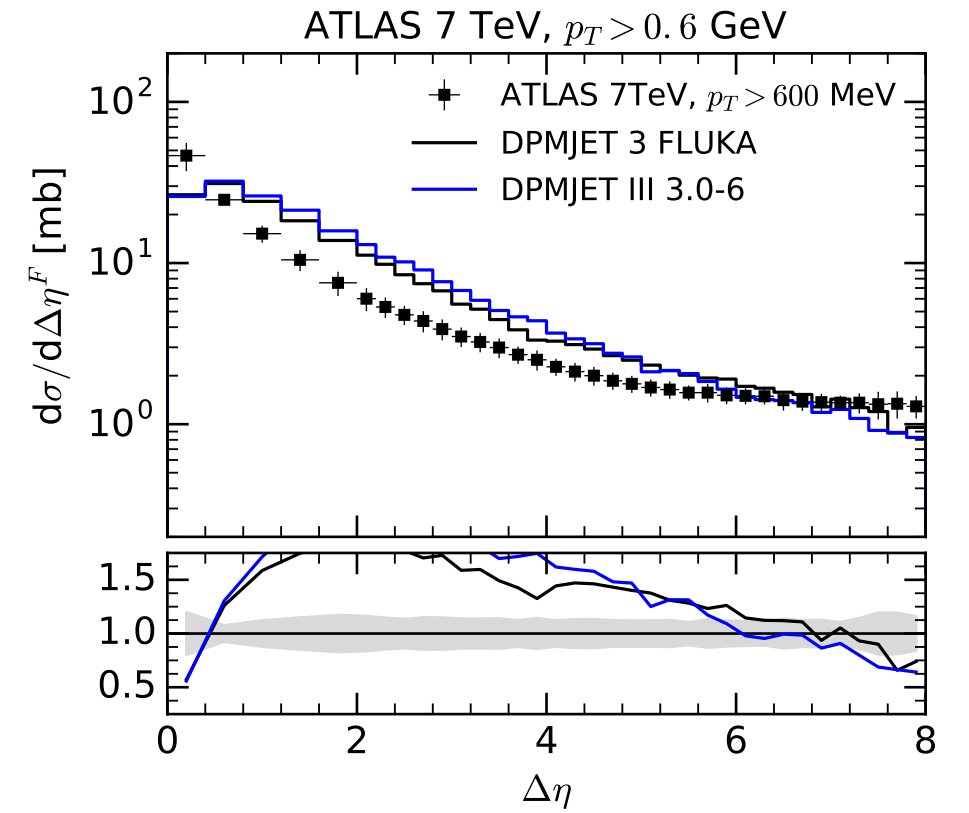
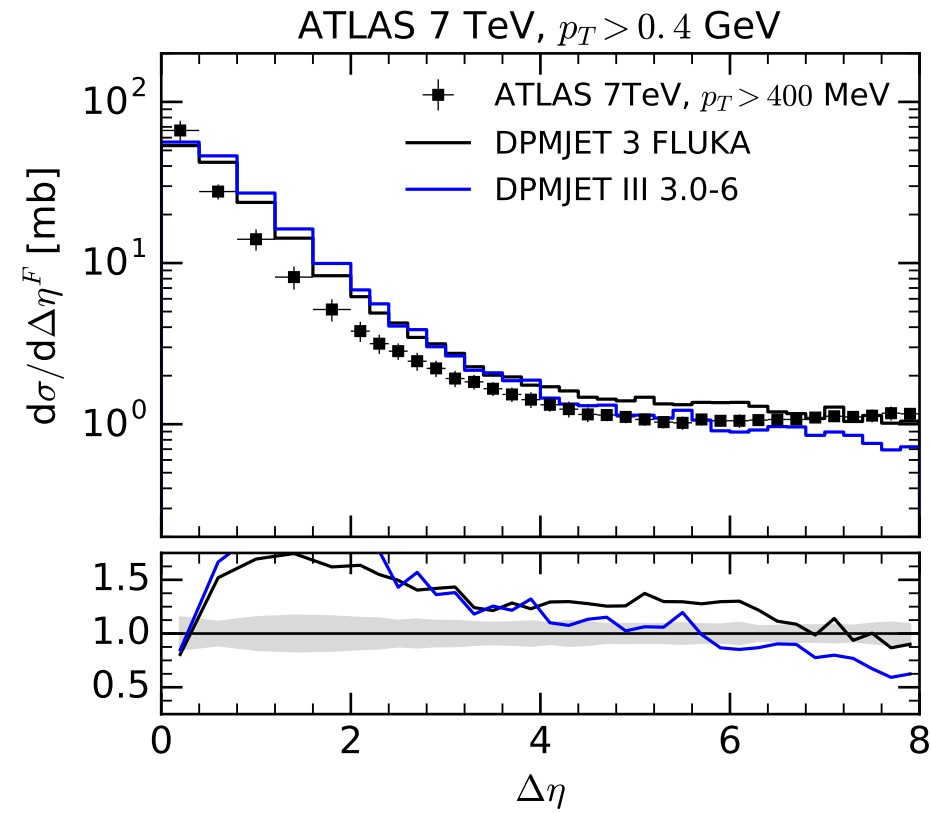
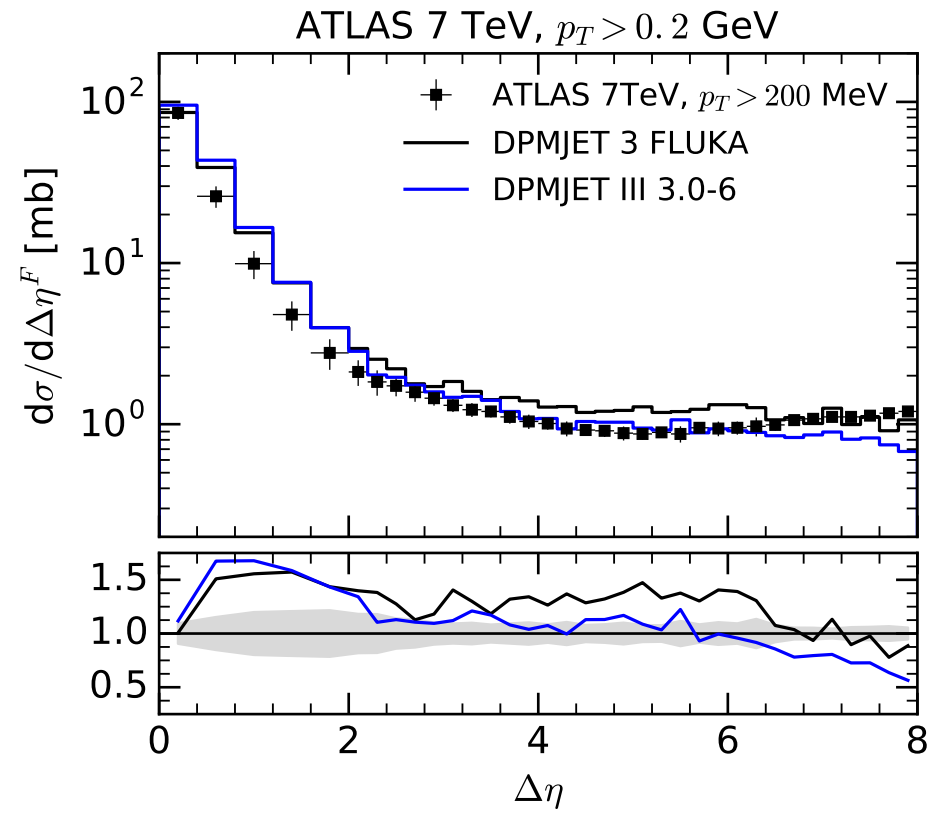


LHC: Forward physics

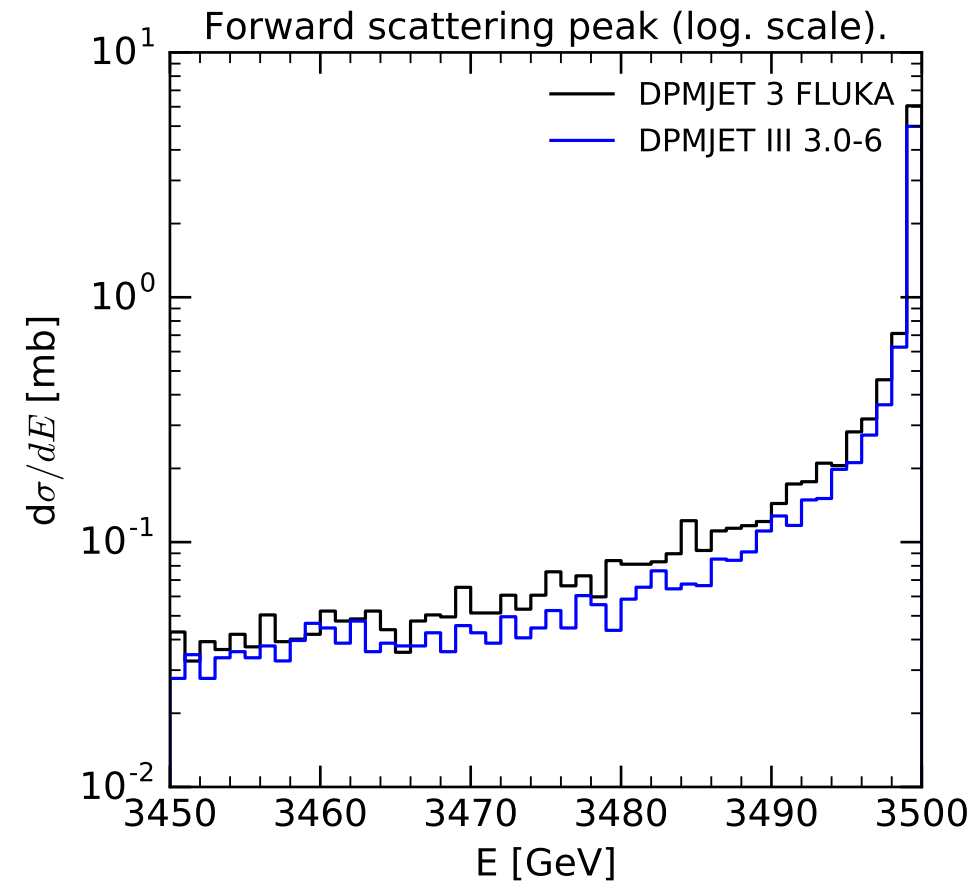
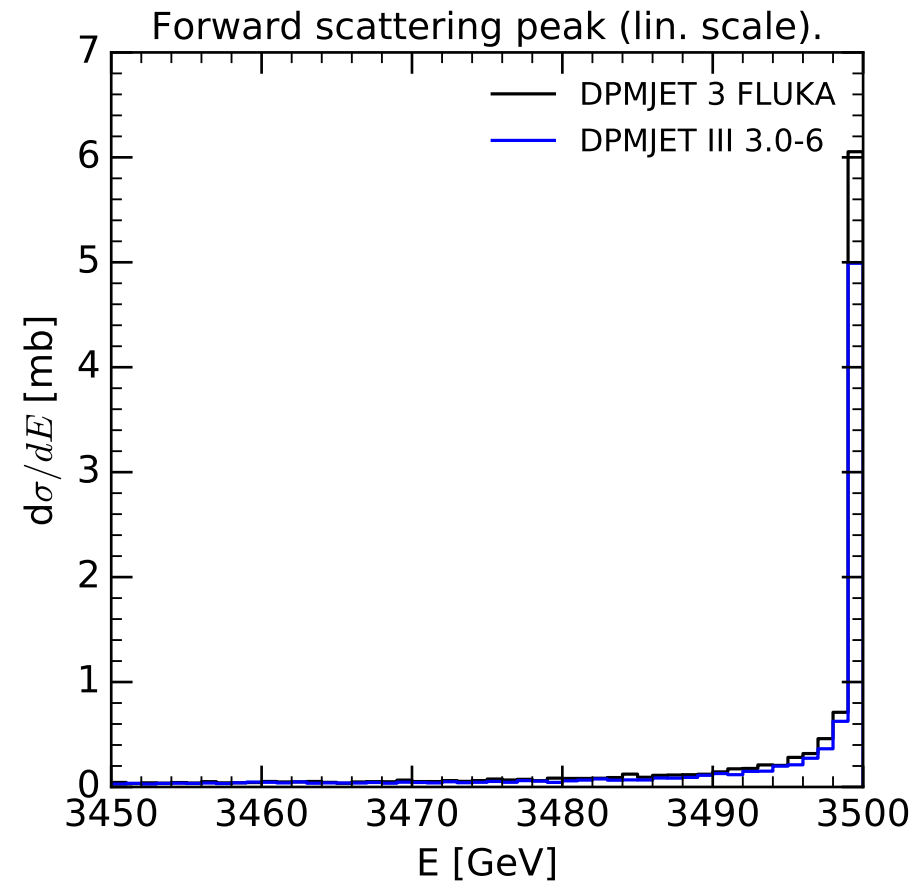
TOTEM - η distribution.



ATLAS - Rapidity gaps at 7 TeV

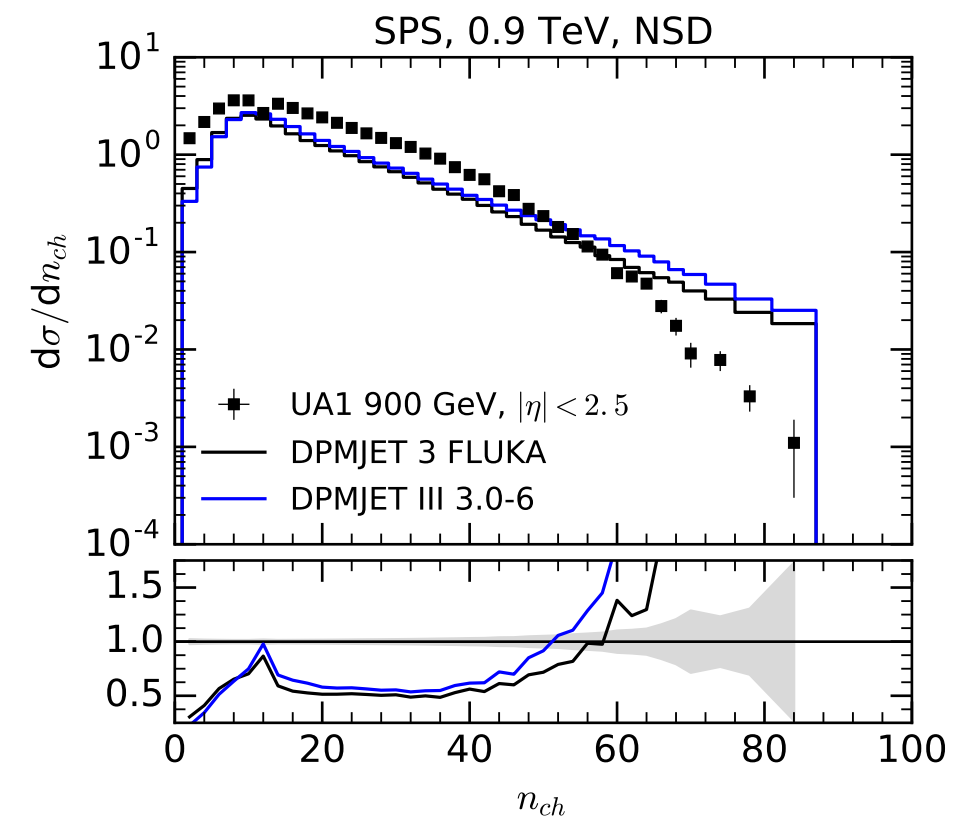
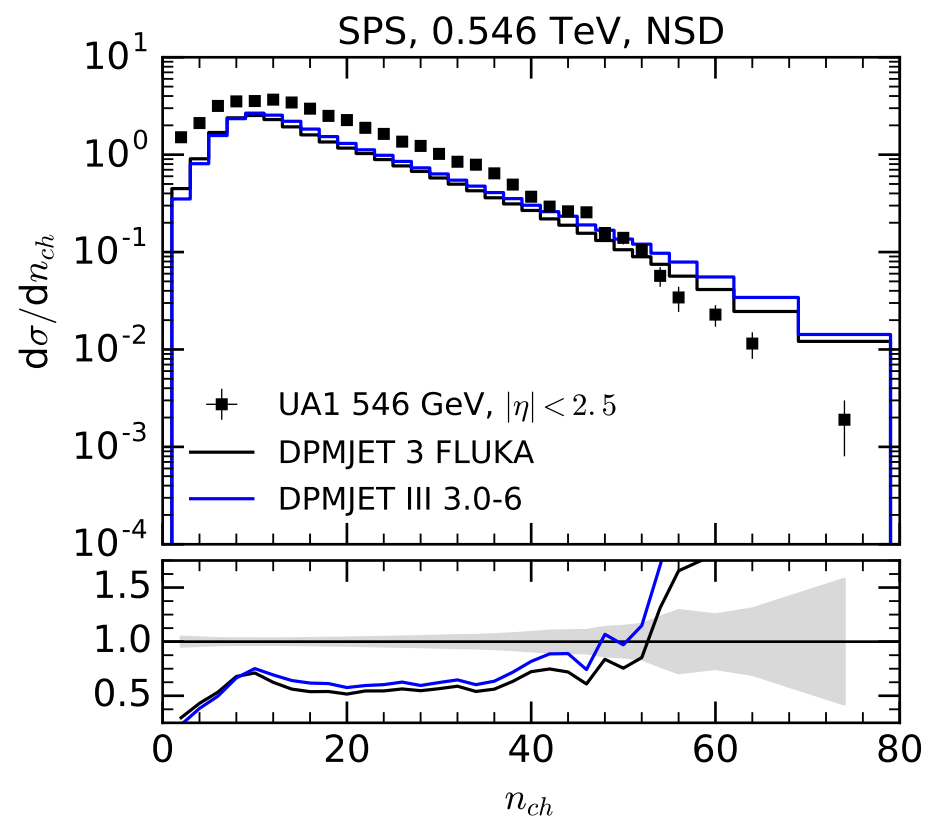
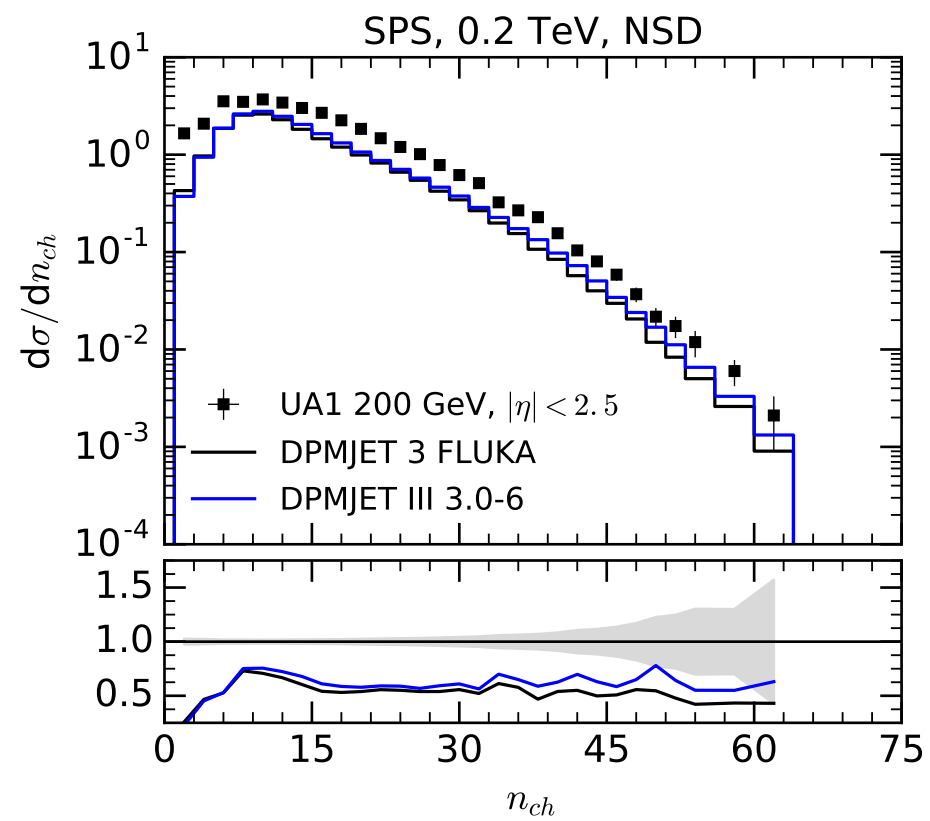
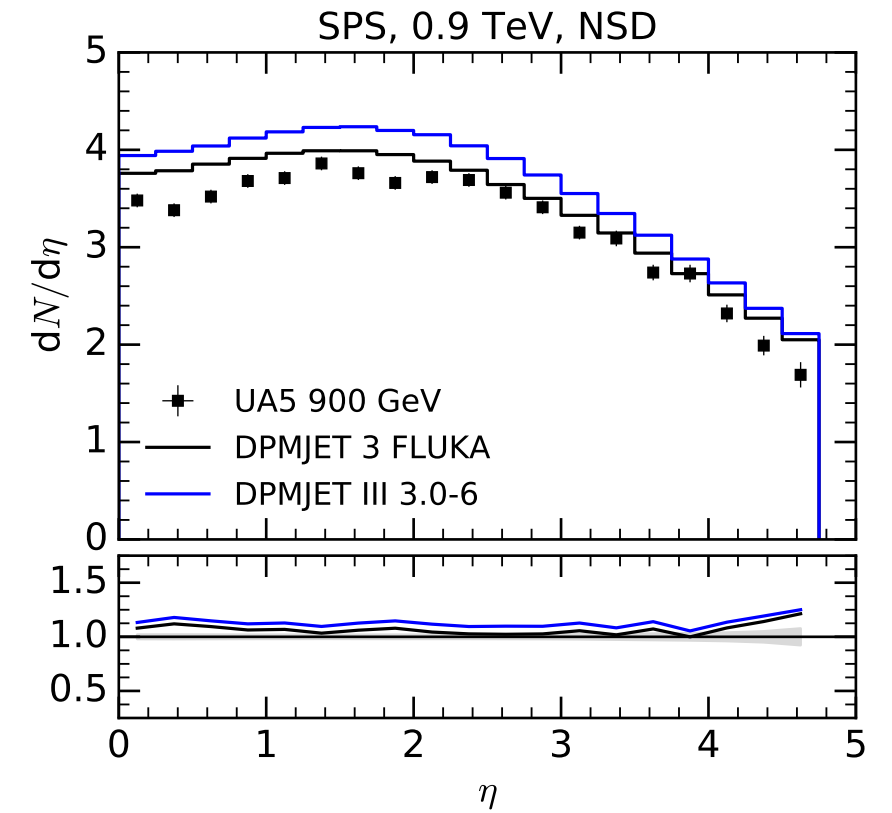
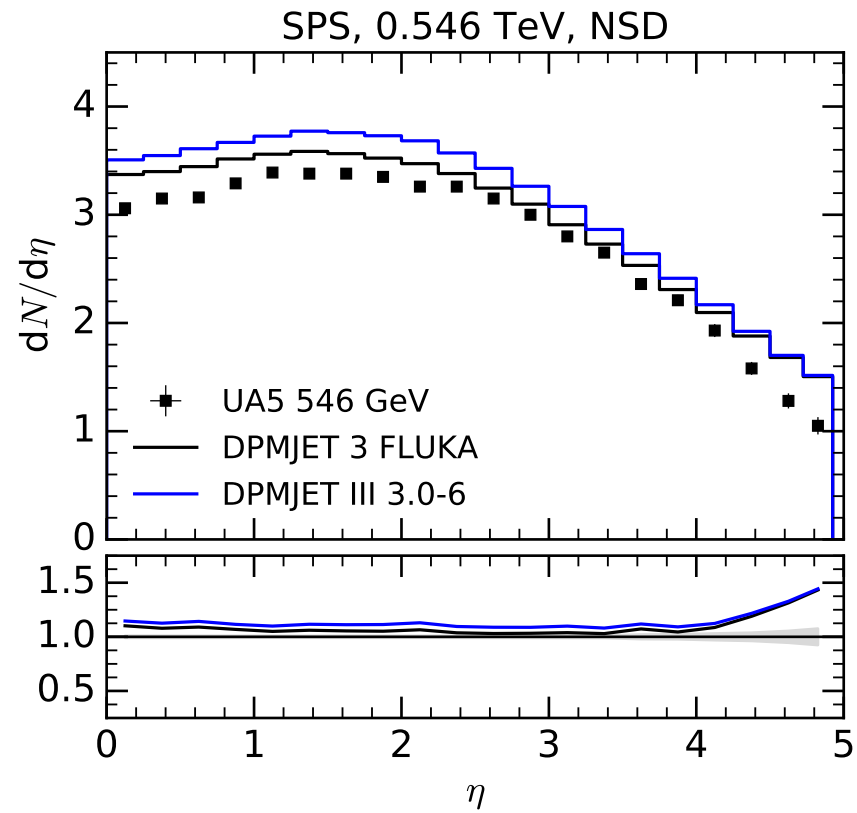
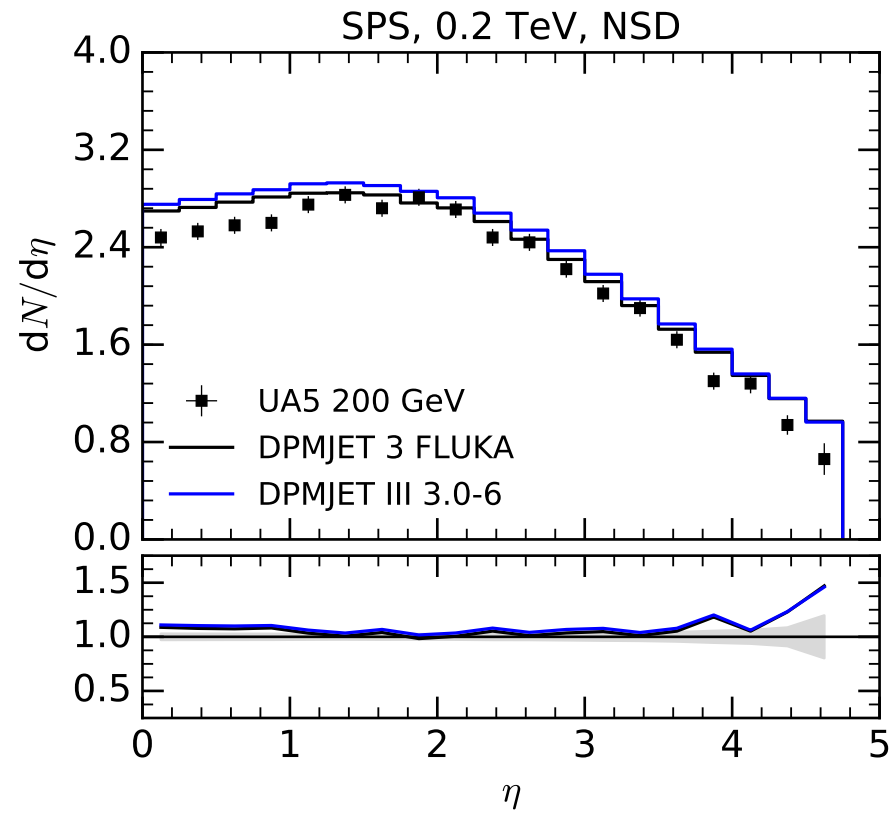


Diffractive peak



SPS: Minimum Bias

SPS - NSD multiplicity and η distributions.



SPS - NSD Invariant crosssection in $|\eta| < 0.1$

