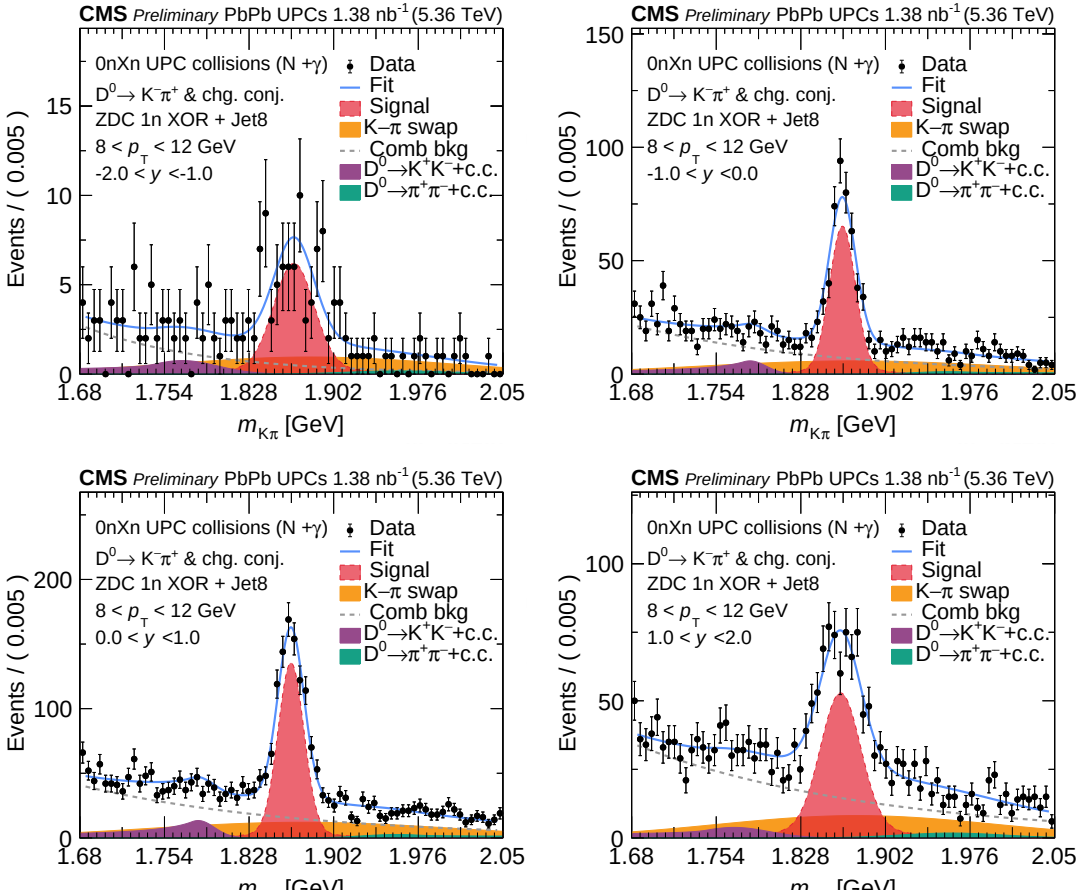
CMS Preliminary PbPb UPCs 1.38 nb$^{-1}$ (5.36 TeV)
0nXn UPC collisions (N +γ)
D$^0$→ K$^-$π$^+$ & chg. conj.
ZDC 1n XOR + Jet8
8 < $p_T$ < 12 GeV
-2.0 < $y$ <-1.0
Data
Fit
Signal
Kπ swap
Comb bkg
D$^0$→K$^+$K$^-$+c.c.
D$^0$→π$^+$π$^-$+c.c.
Events / ( 0.005 )
$m_{K\pi}$ [GeV]
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-1.0 < $y$ <0.0
Data
Fit
Signal
Kπ swap
Comb bkg
D$^0$→K$^+$K$^-$+c.c.
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CMS Preliminary PbPb UPCs 1.38 nb$^{-1}$ (5.36 TeV)
0nXn UPC collisions (N +γ)
D$^0$→ K$^-$π$^+$ & chg. conj.
ZDC 1n XOR + Jet8
8 < $p_T$ < 12 GeV
1.0 < $y$ <2.0
Data
Fit
Signal
Kπ swap
Comb bkg
D$^0$→K$^+$K$^-$+c.c.
D$^0$→π$^+$π$^-$+c.c.
Events / ( 0.005 )
$m_{K\pi}$ [GeV]