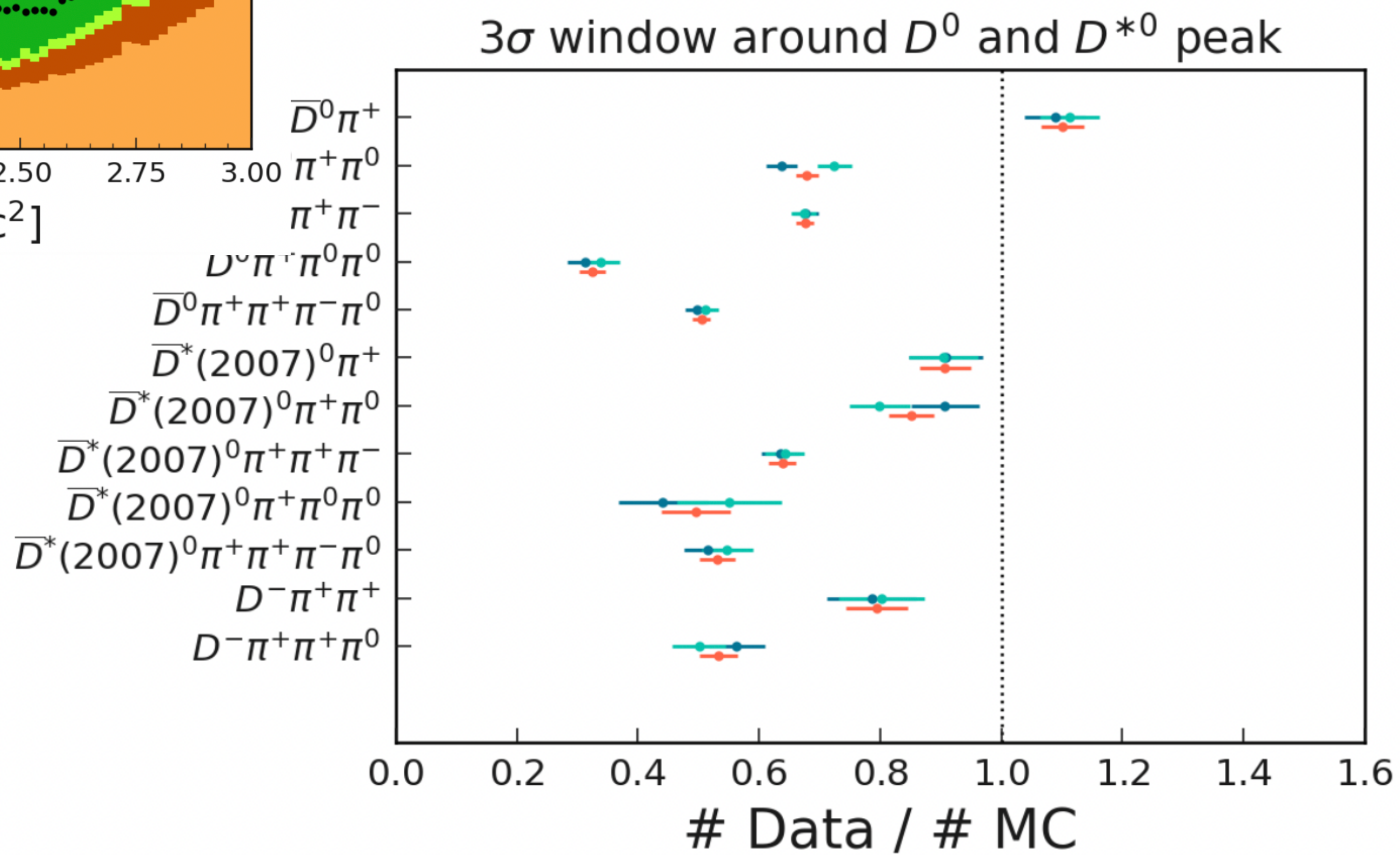
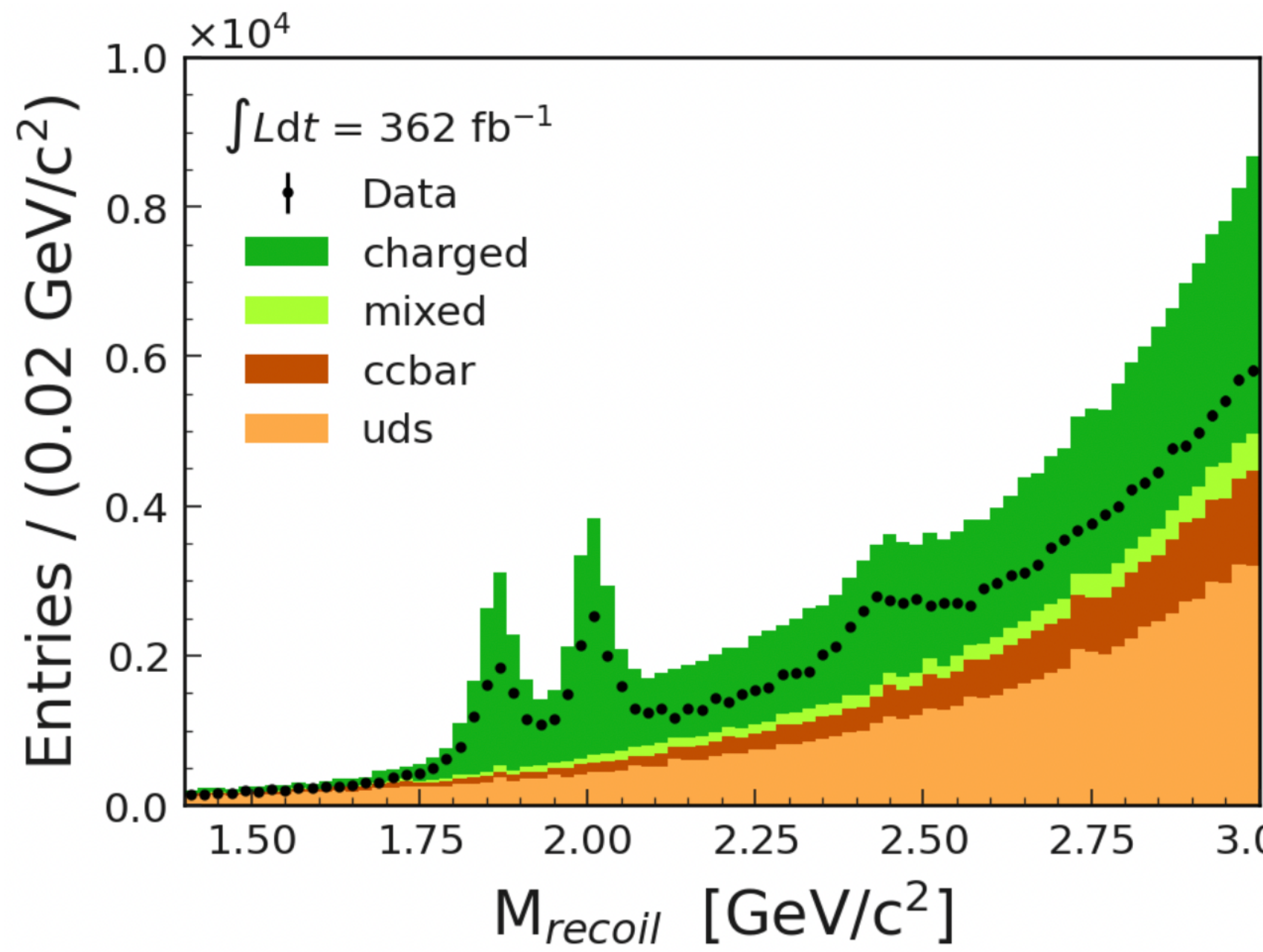


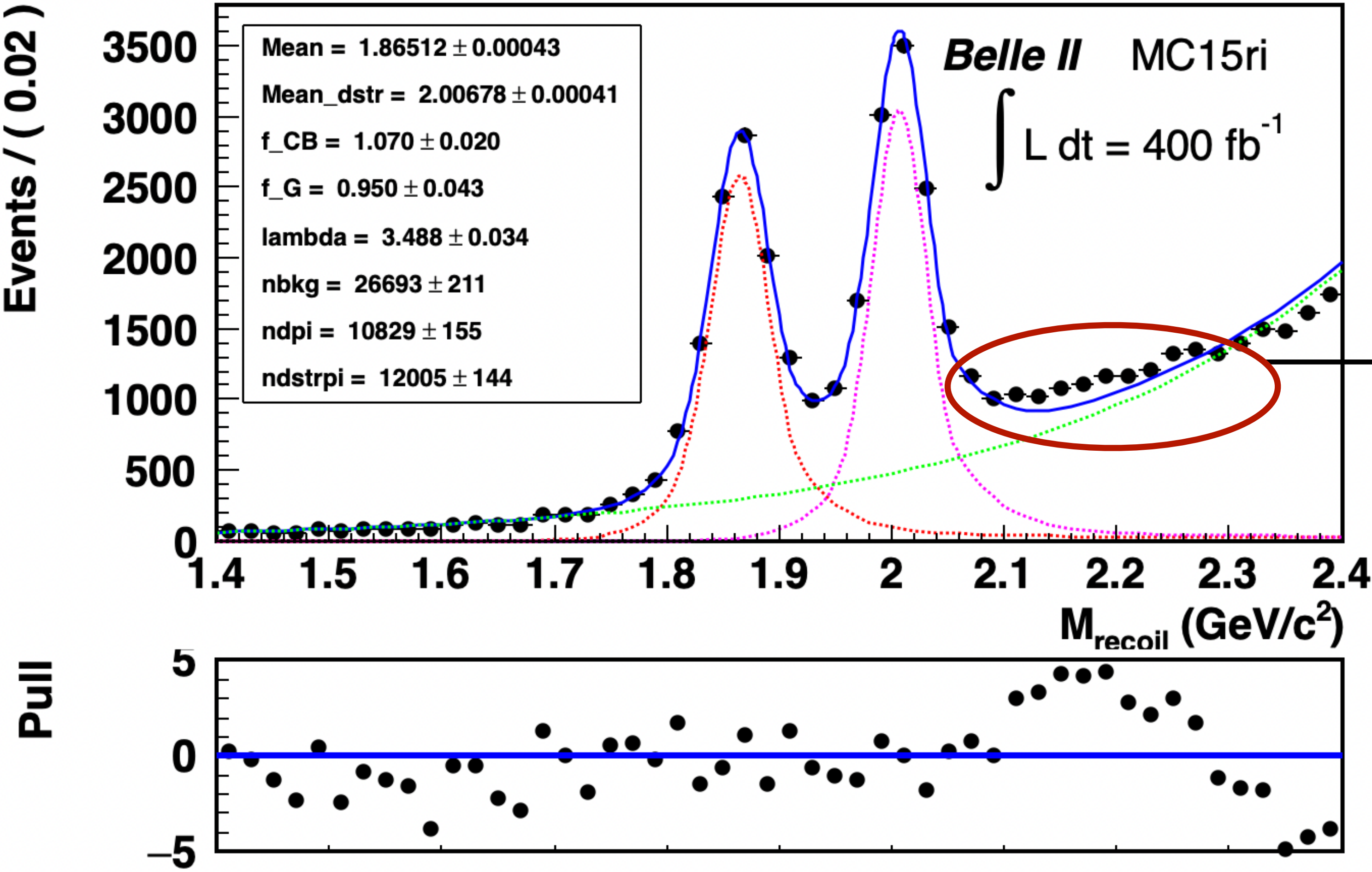
MC15ri: Calibration factors



Overall factor:
 $0.65 \pm 0.01 \pm xx$

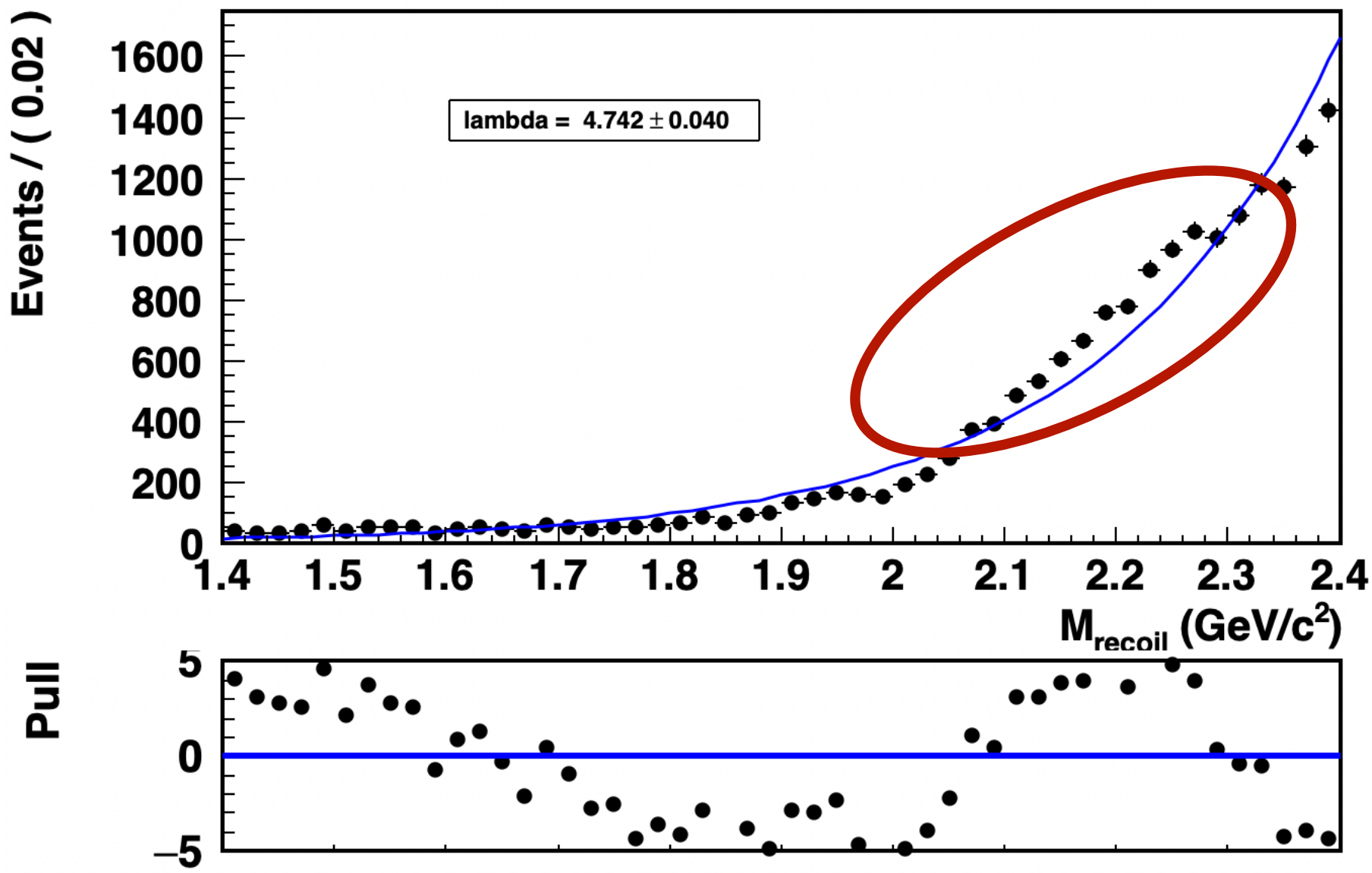
Systematics: The fit

MC



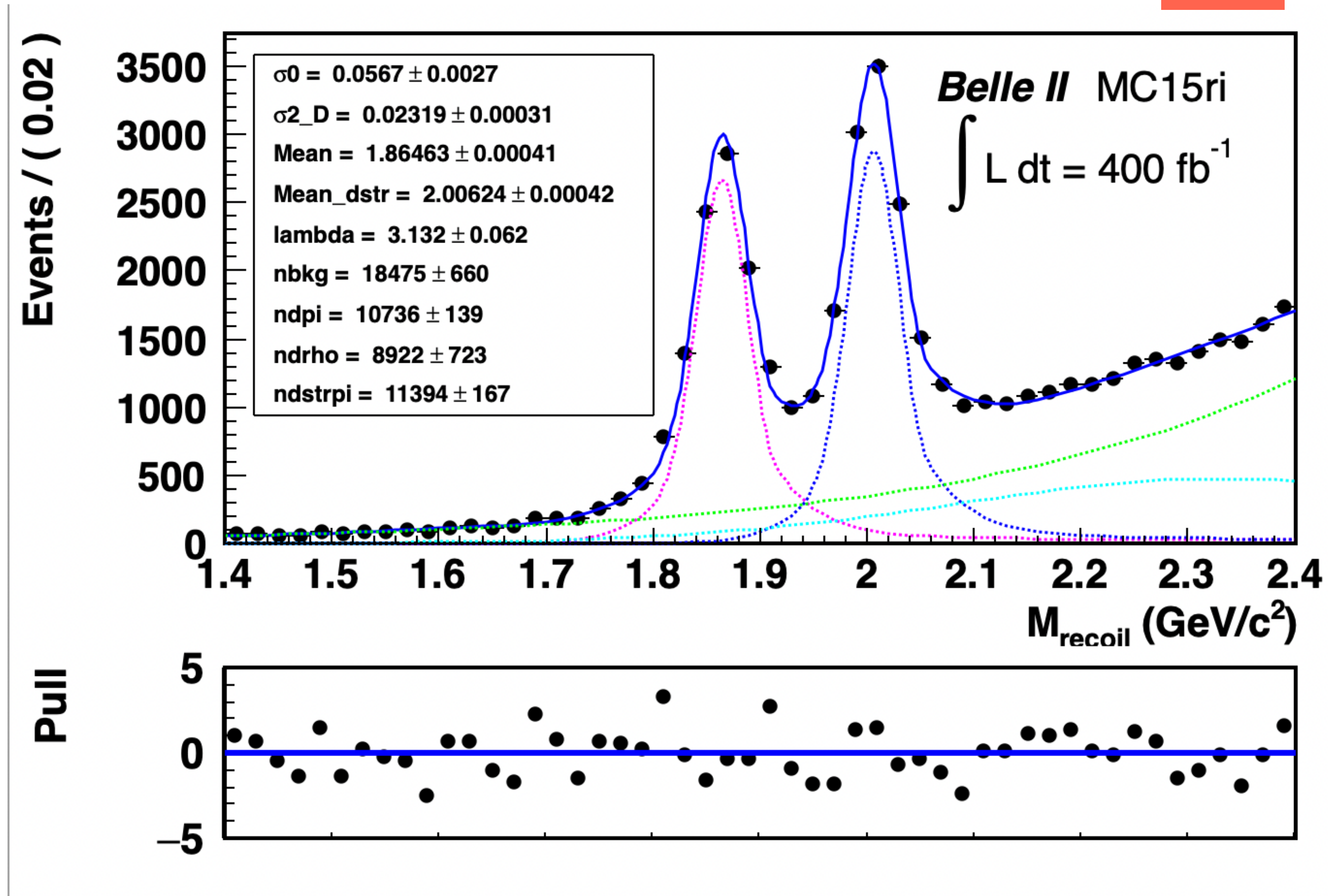
CB + Gauss
CB + Gauss
Exponential

The partial reconstructed
 $D\rho$ events



Systematics: The fit

MC



CB + Gauss

CB + Gauss

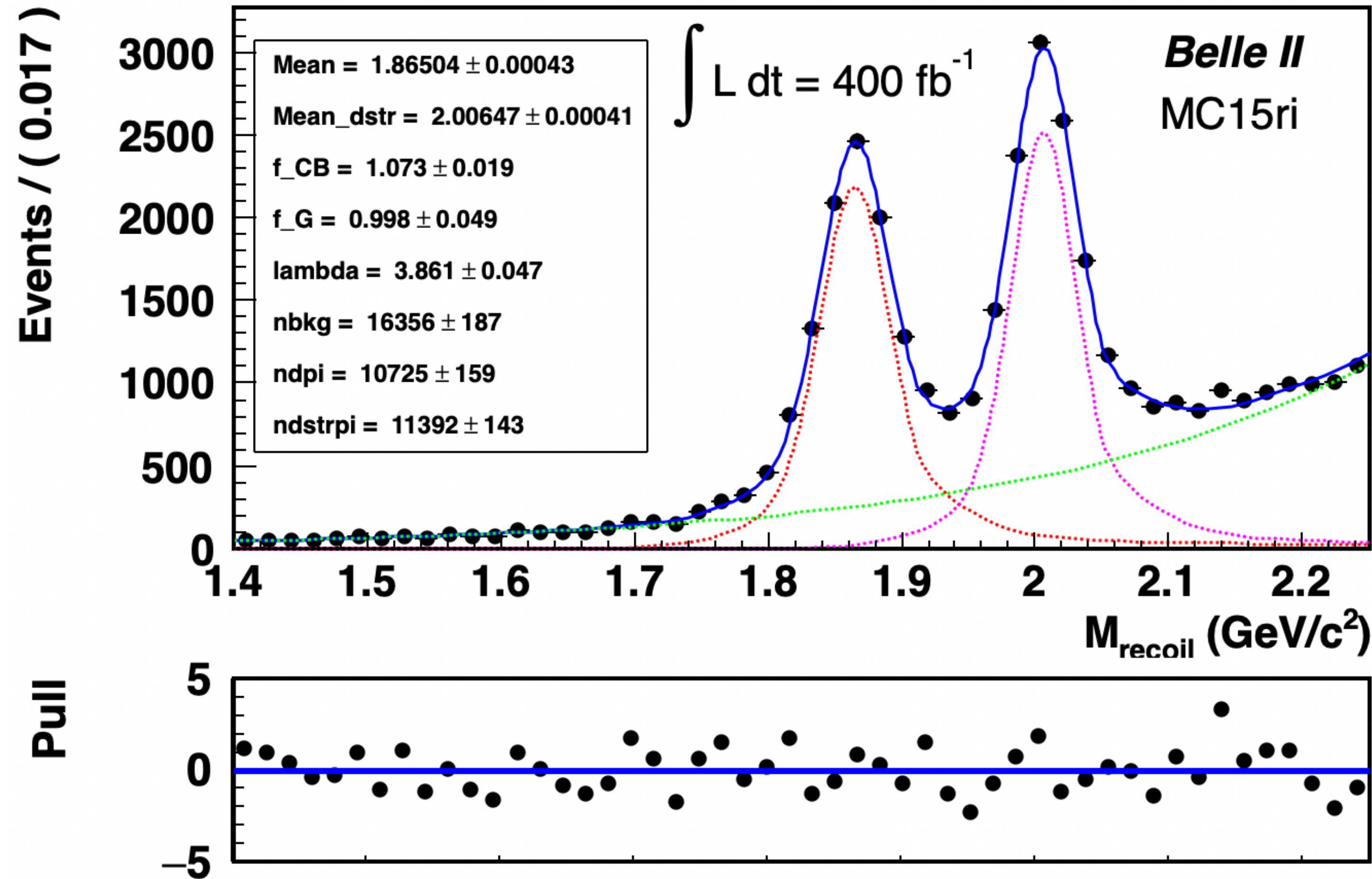
Exponential

Gauss

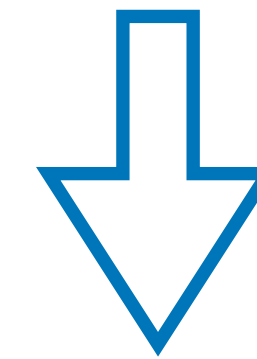
If the partial reconstructed $D\rho$ events are modelled separately

Systematics: The fit

MC



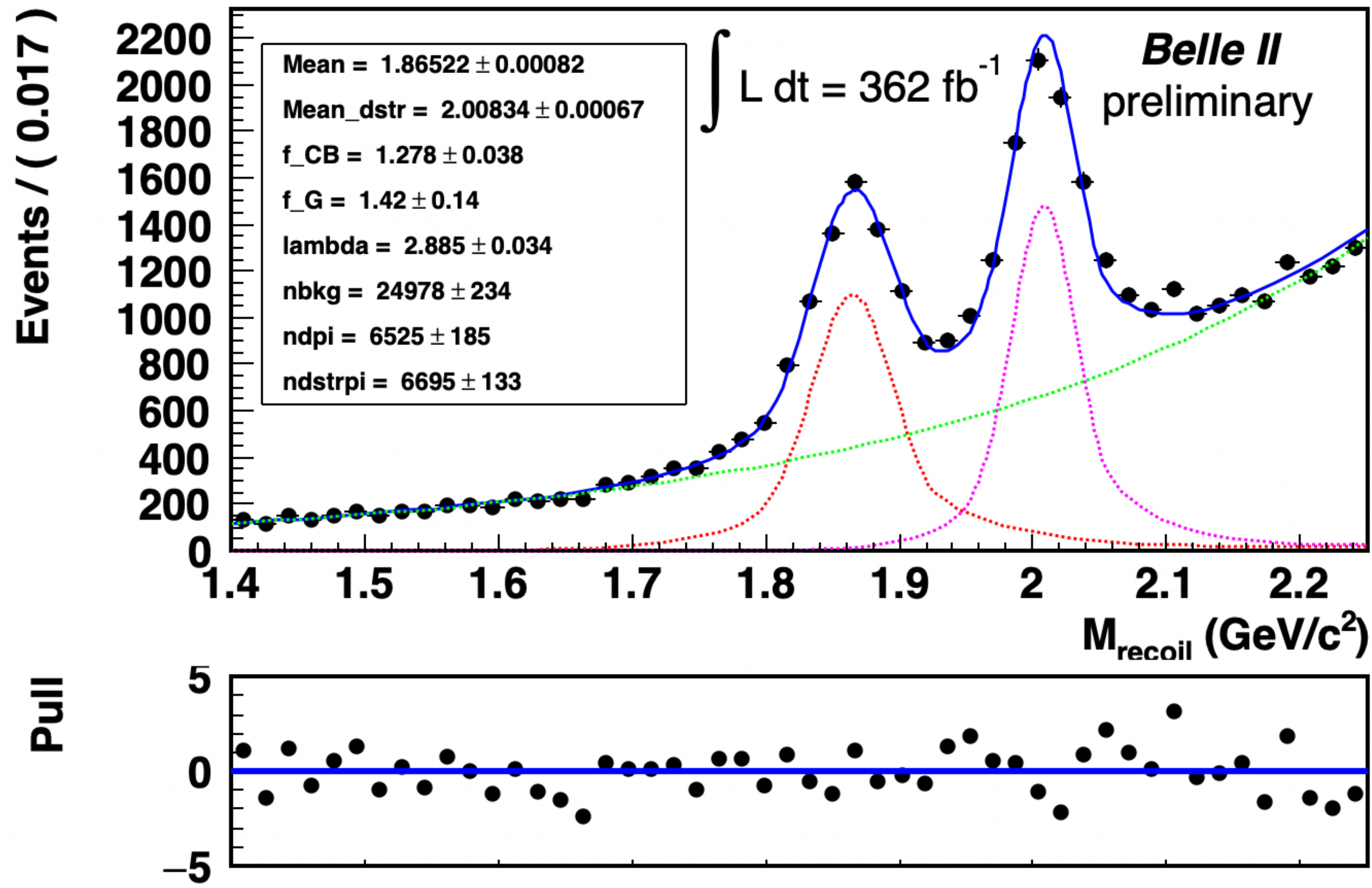
Range: $[1.4, 2.25 \text{ GeV}/c^2]$



Need to check the behaviour of the bkg PDF in the higher mass regions

Systematics: The fit

Data

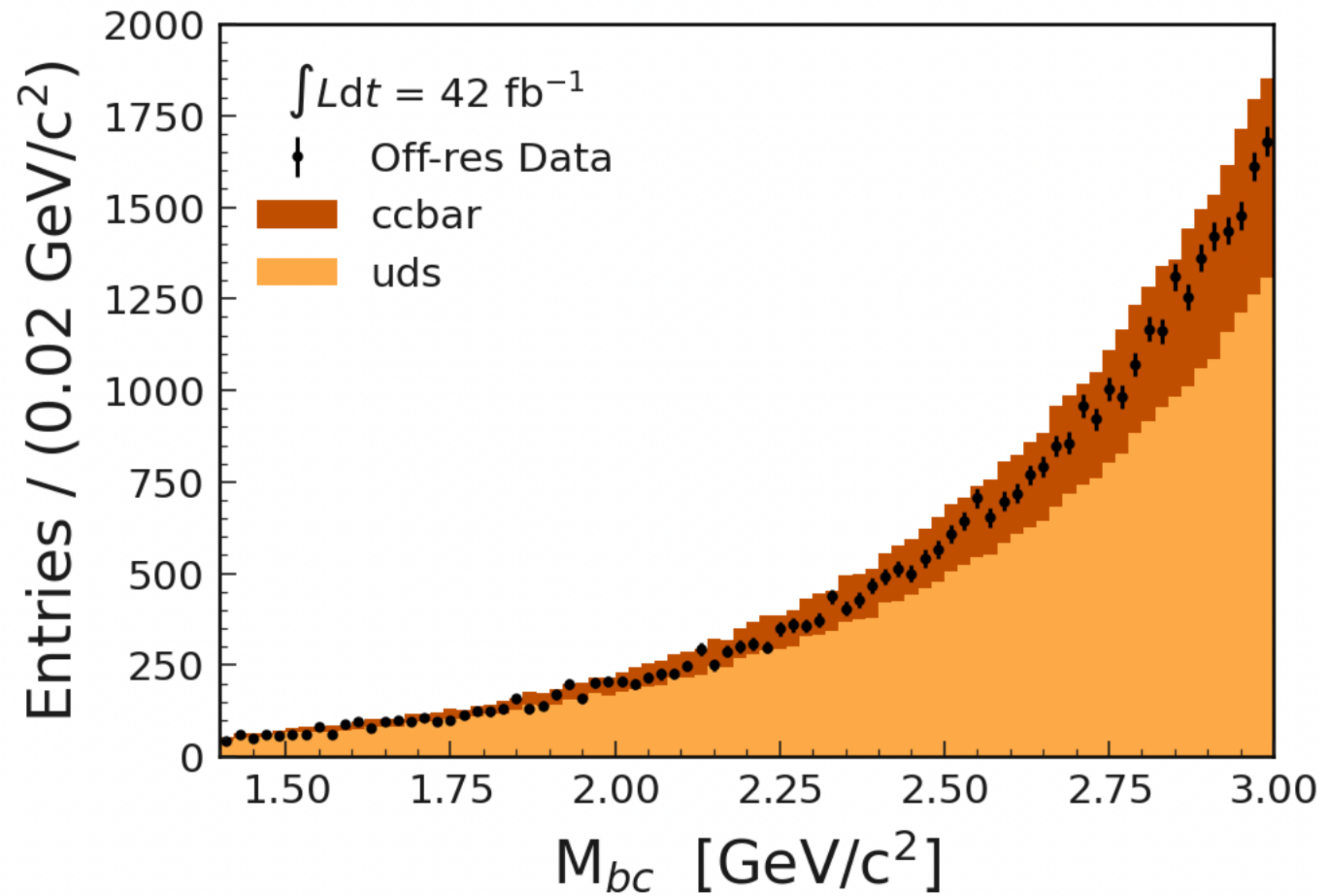


FEI correction has been applied!

Yield	MC	Data
N_Dpi	6274 +/- 93	6525 +/- 185
N_D*pi	6664 +/- 83	6695 +/- 133
N_bkg	9568 +/- 110	24978 +/- 234

The background yield is too high in data!

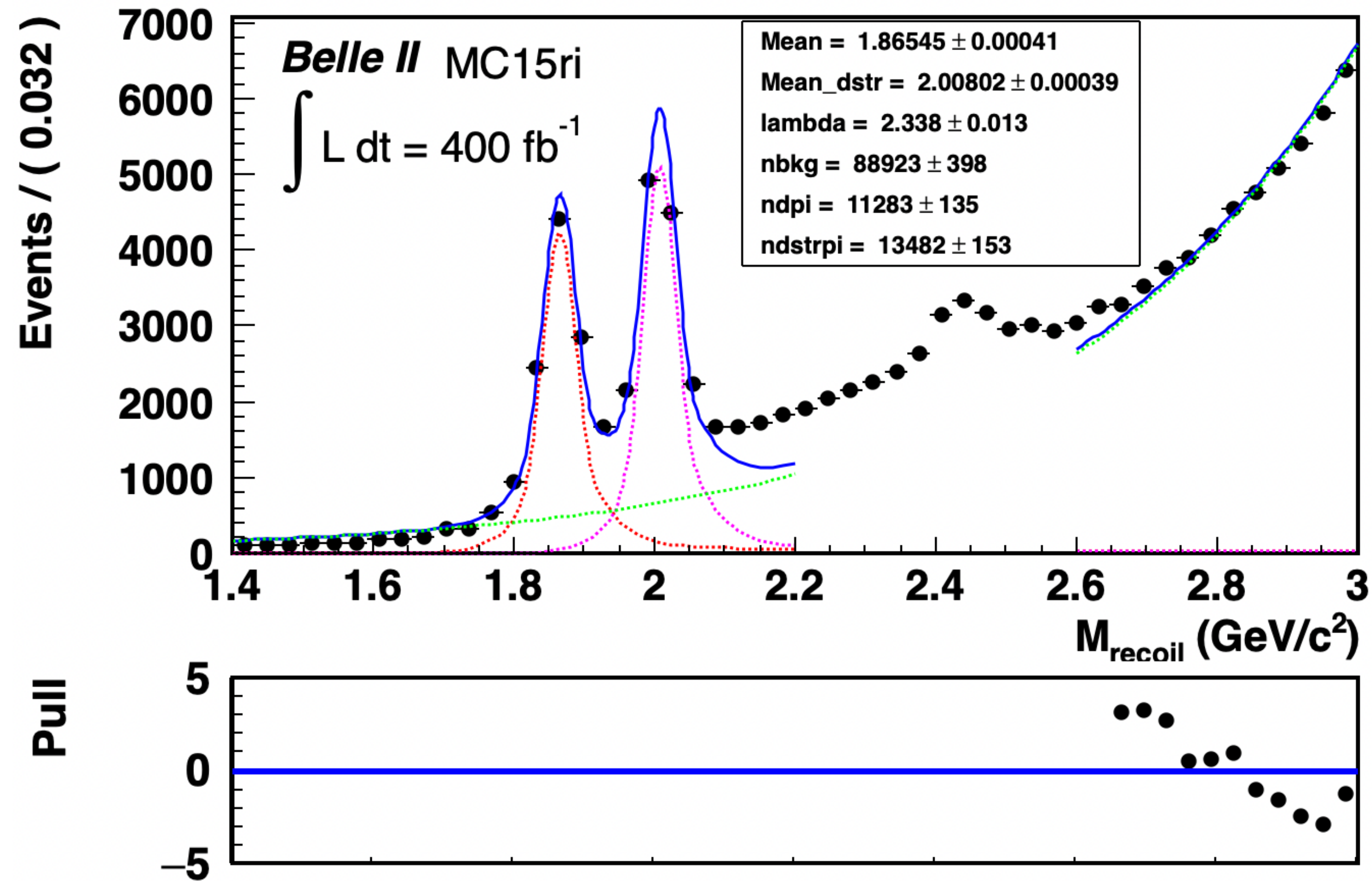
Off-resonance scaling



Overall factor:
 0.932 ± 0.006

The continuum
background will be
corrected with this scale
factor!

Fit with higher M_{recoil}



The PDF works well, but we have to justify properly why we are excluding the region $[2.2, 2.6] \text{ GeV/c}^2$