

MORE SYSTEMATICS

Svenja Granderath

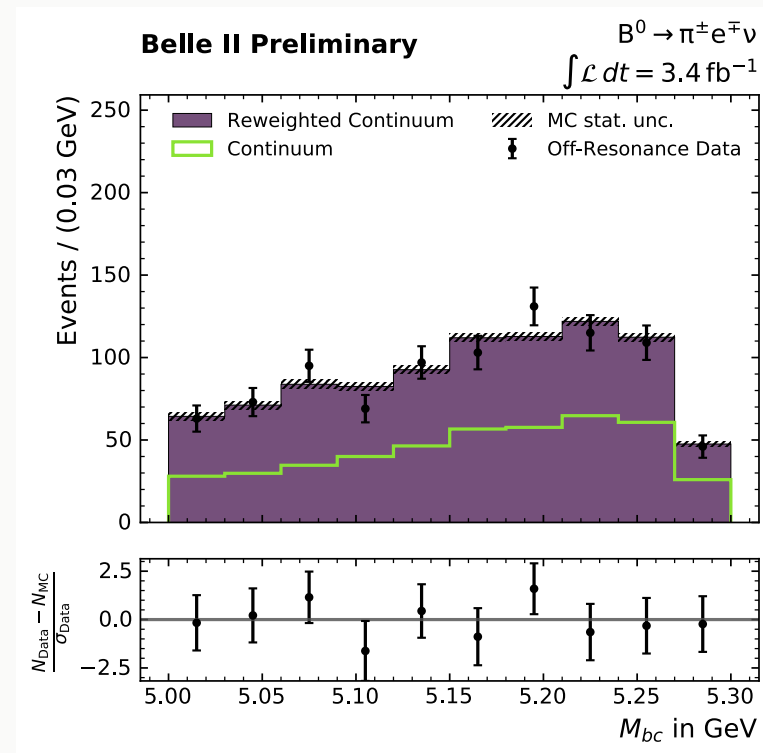
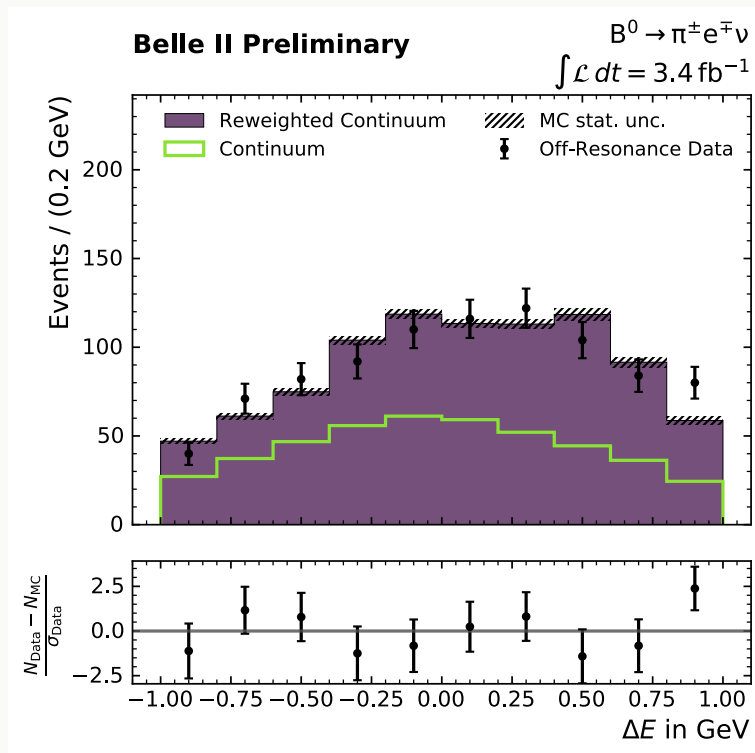
BBAM

10.06.20



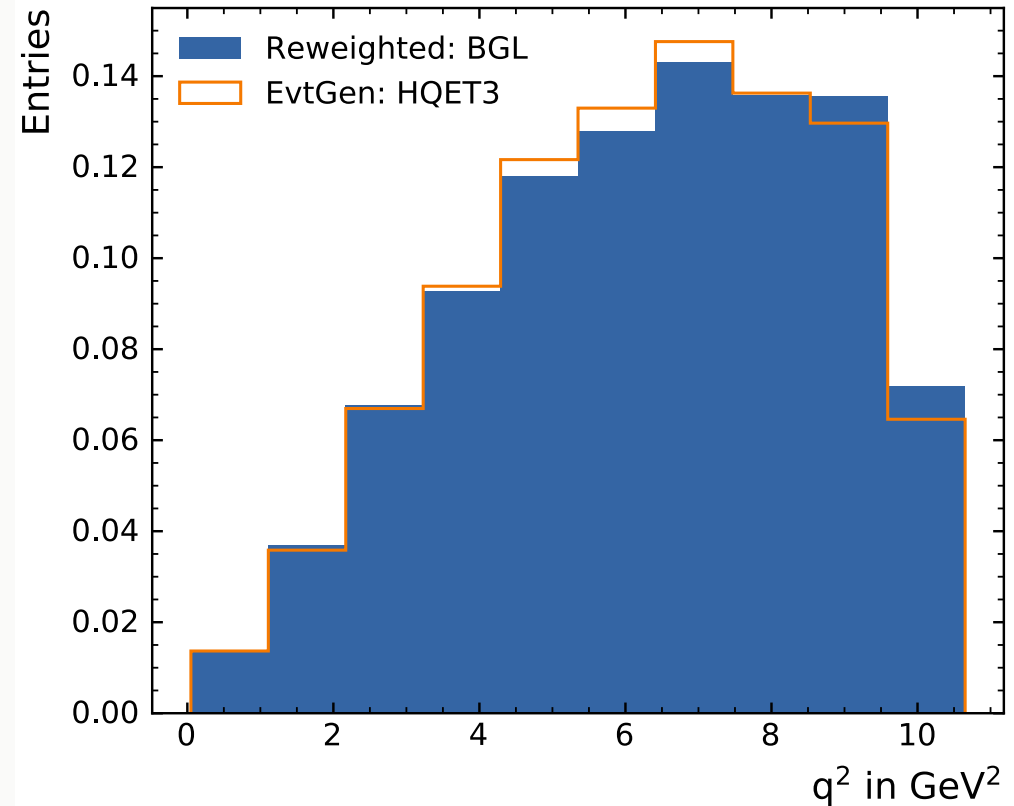
REWEIGHTING STATUS

- With new bucket 12: $\sim 3.4 \text{ fb}^{-1}$ off-resonance
- Performed 3D reweighting in q^2 , ΔE and M_{bc}



FF REWEIGHTING STATUS

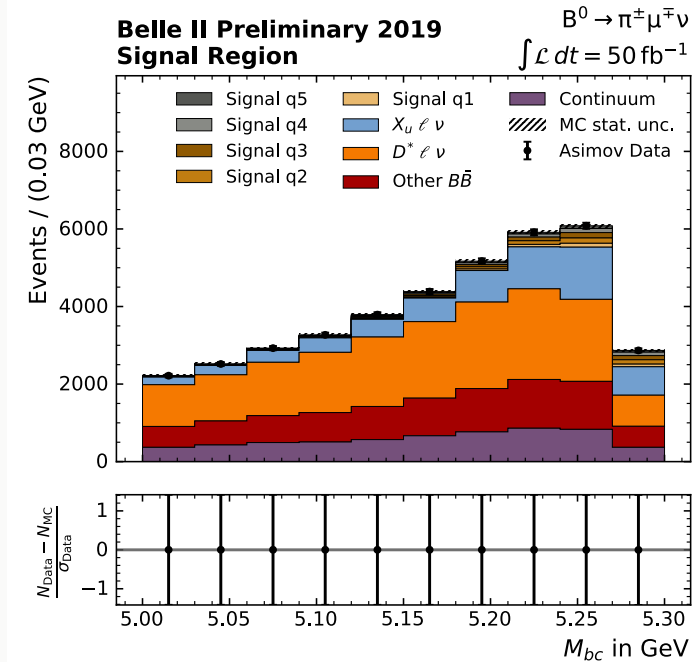
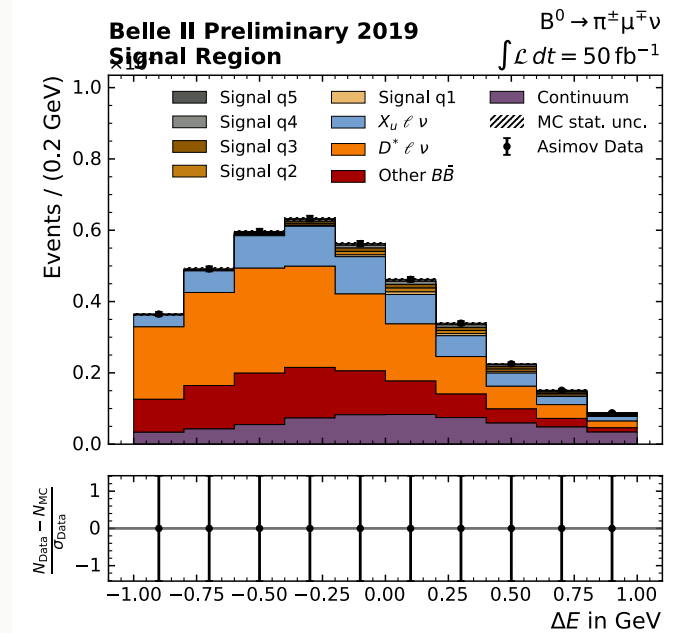
- With Chaoyi's and Lu's help I reweighted my D^* background from HQET3 to BGL
- Did 1D reweighting in q^2
- Need some more statistics



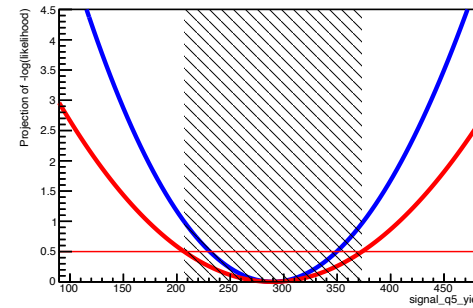
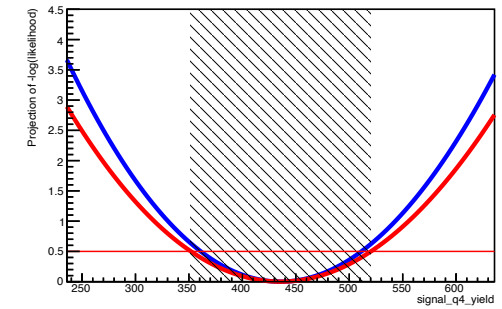
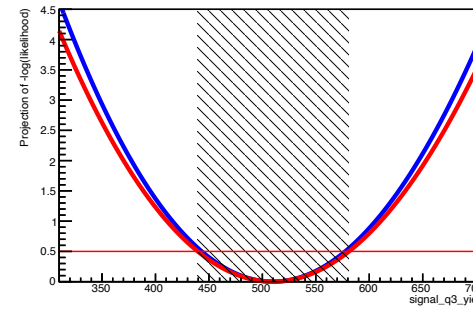
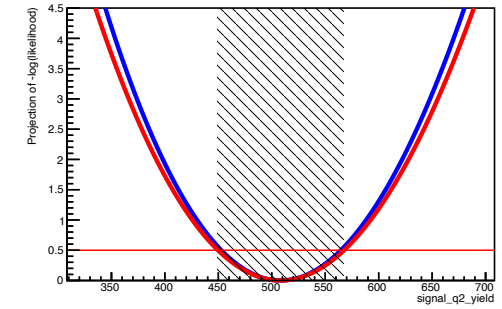
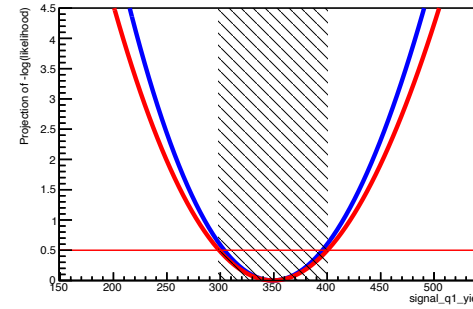
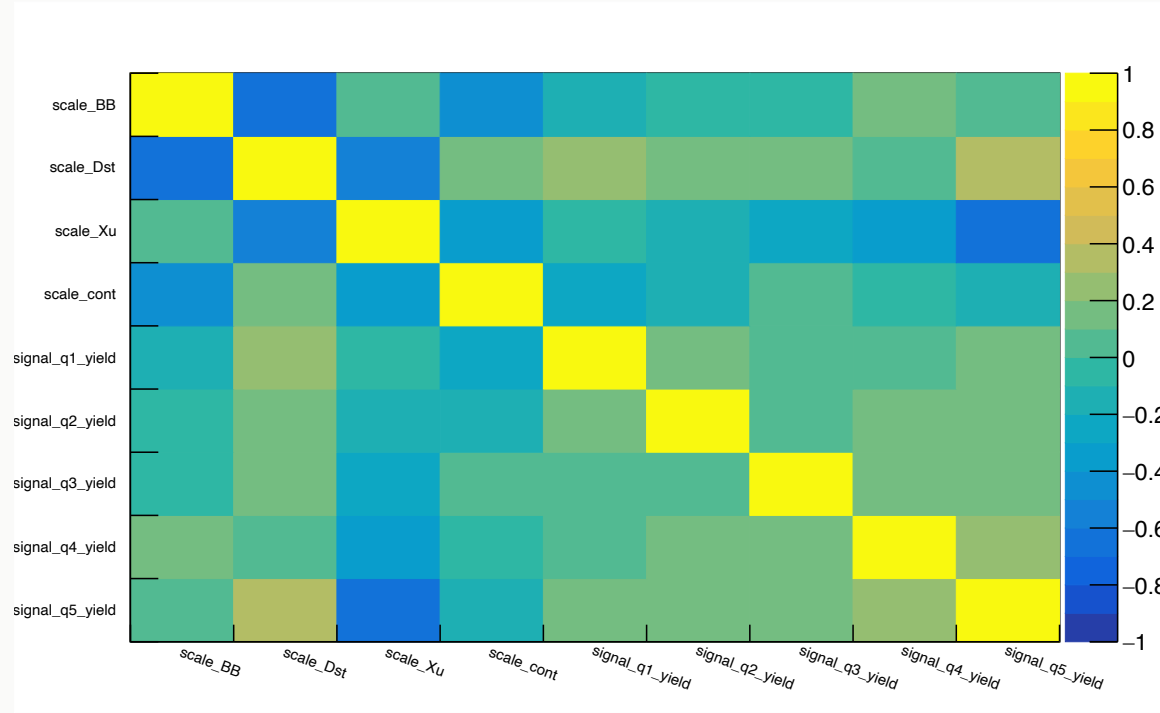
ASIMOV TESTING

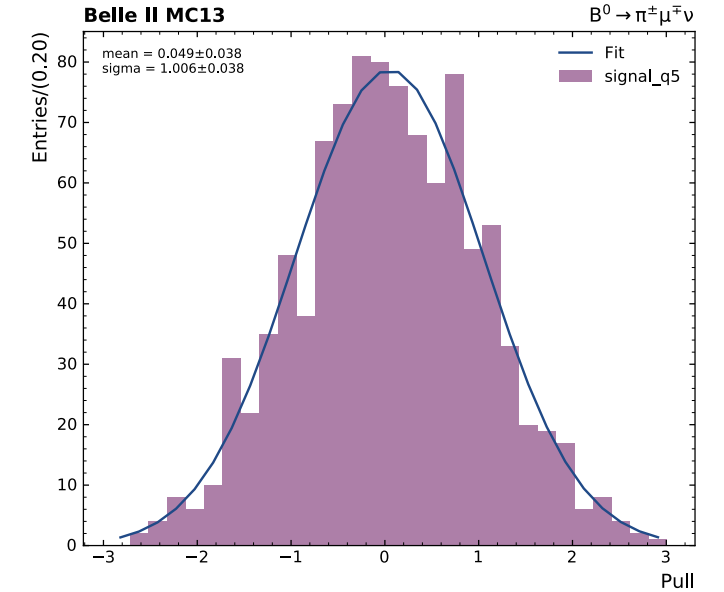
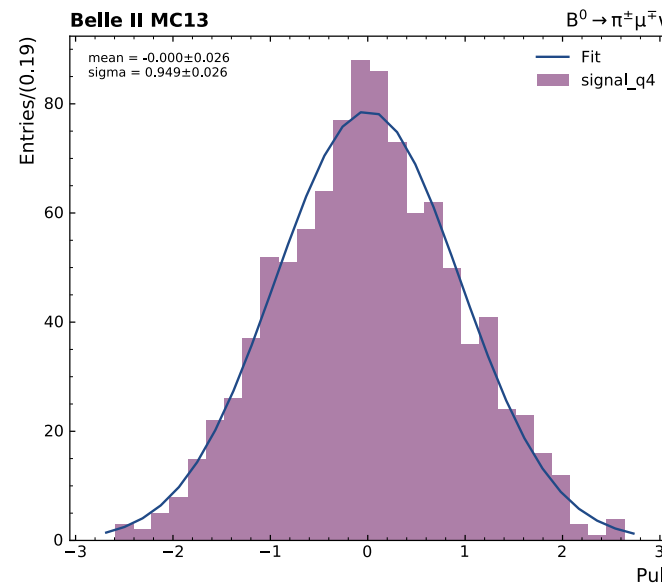
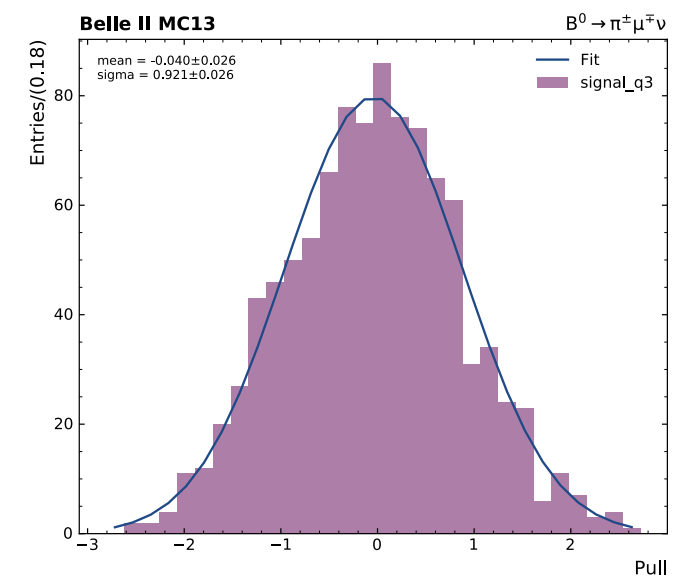
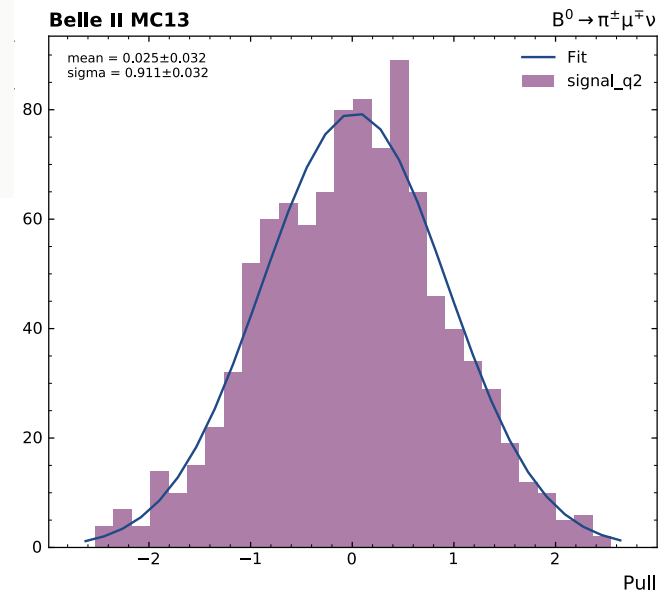
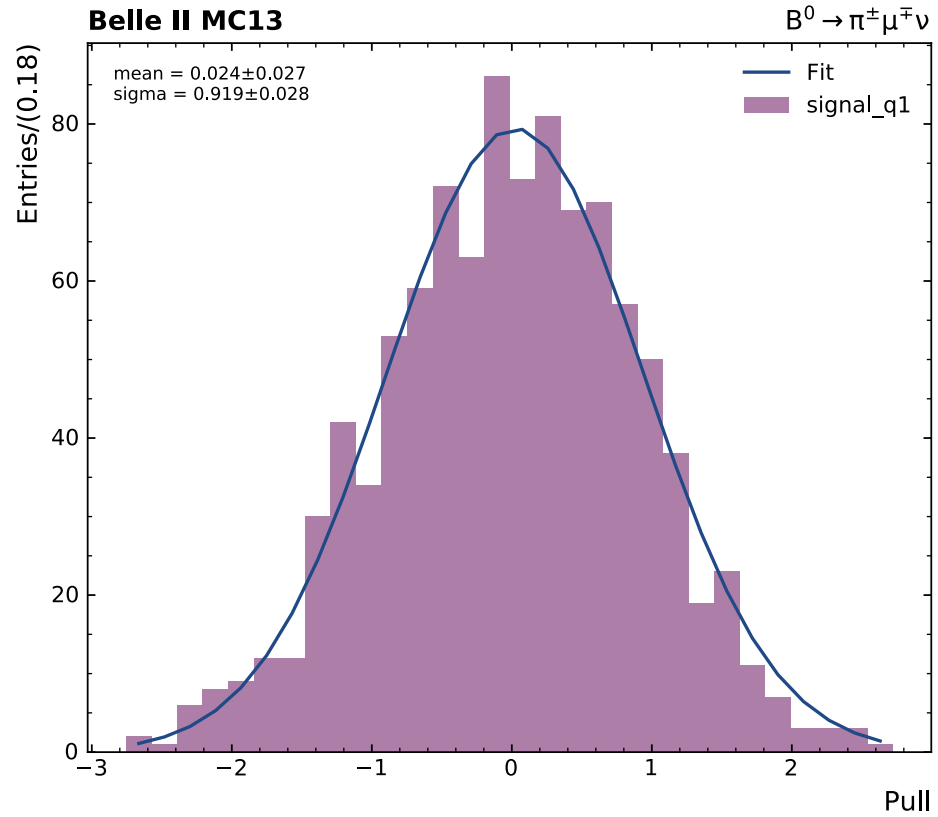
	In	Asimov
q1	349±18	349 ±51
q2	508±23	508±59
q3	510±23	510±71
q4	436±21	436±84
q5	290±17	290±83

BB	Dst	Xu	cont
1.00±0.03	1.00±0.02	1.00±0.05	1.00±0.03



CORRELATIONS AND LIKELIHOODS





- Included in fit now:
 - MC stat uncertainty
 - Lepton ID cor uncertainties
 - Reweighting uncertainties
 - D^* FF uncertainties
- Efficiencies:
 - Corrected for leptonID
 - Also include uncertainties
- Next:
 - Xu exclusive FF
 - Hybrid Model