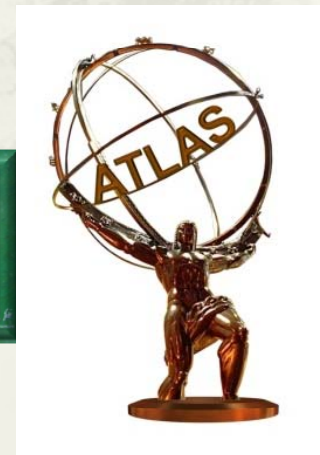


Status/Updates of VBF MVA

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2013-11-26

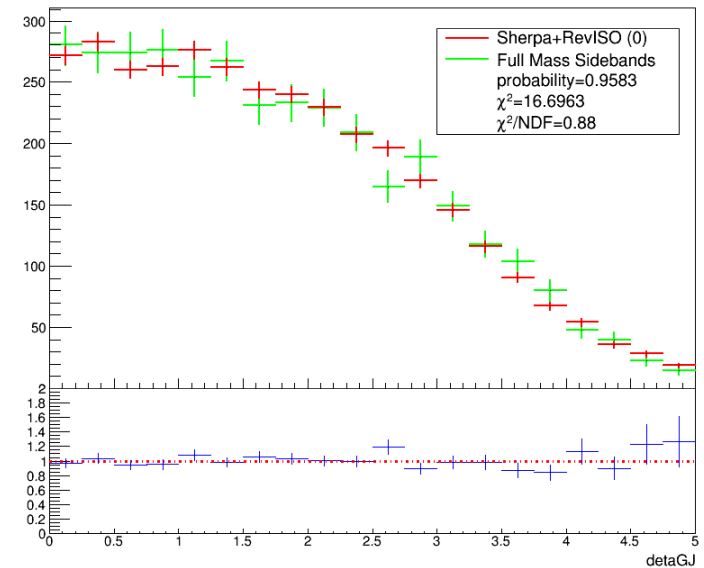
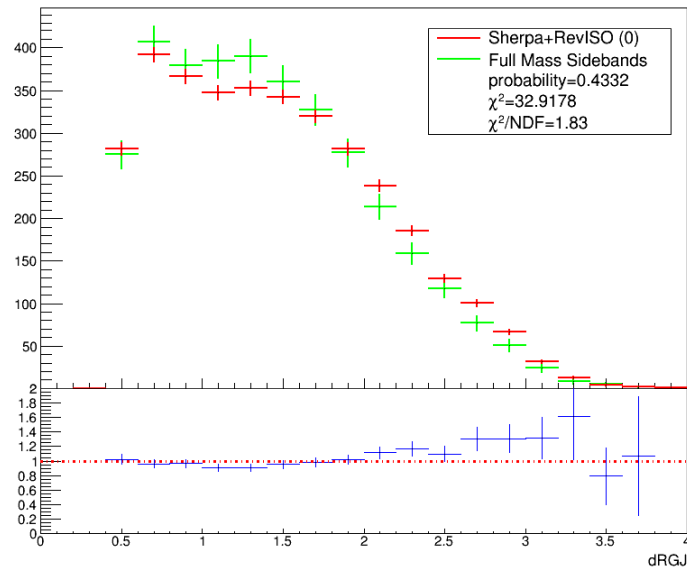
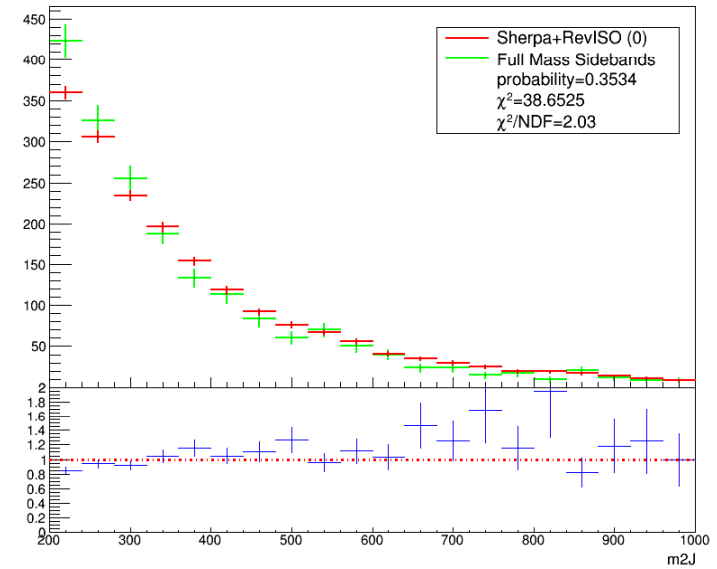
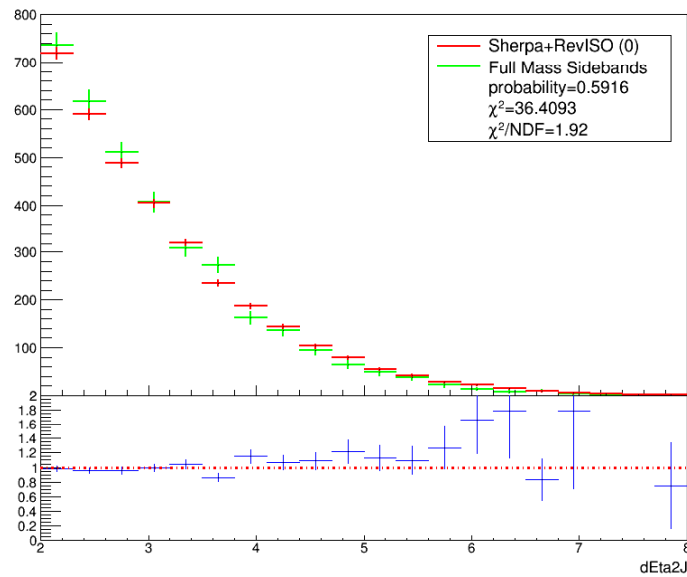


Training Statistics

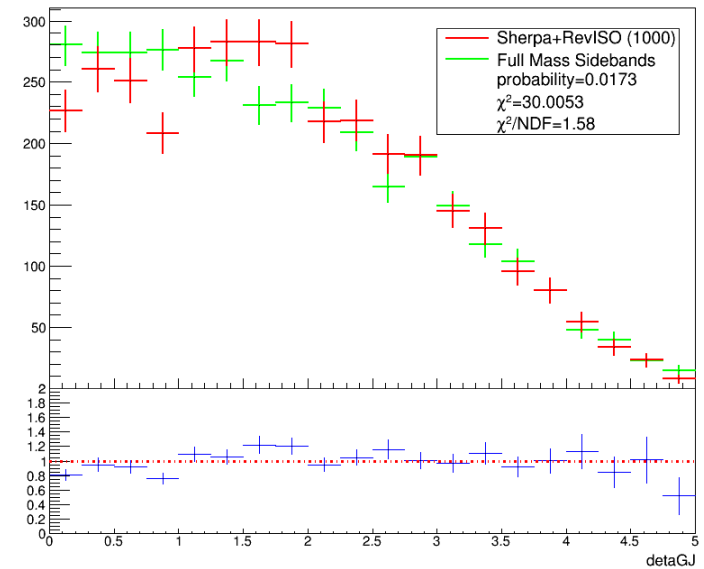
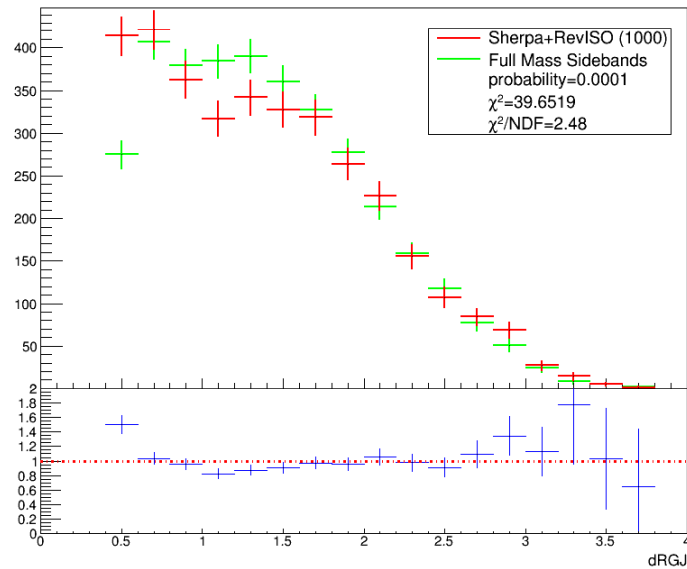
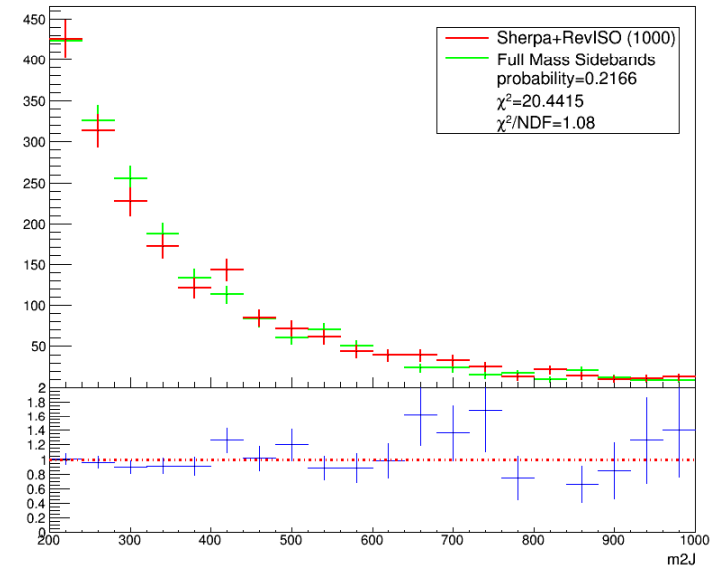
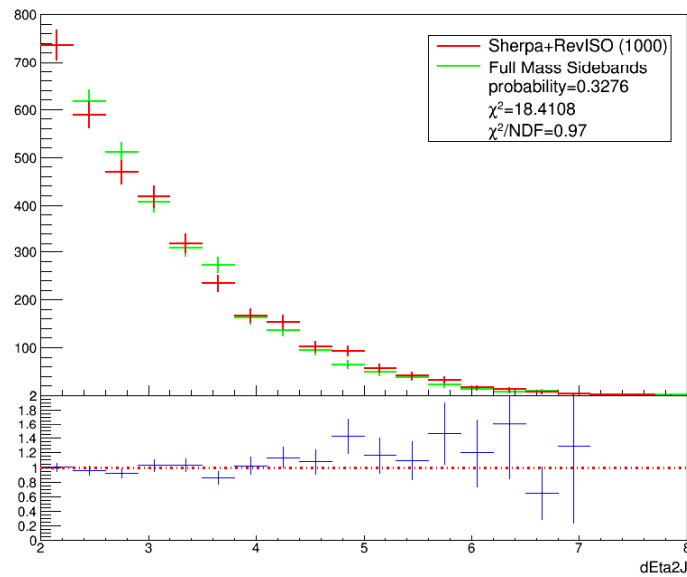
- Moriond training statistics
 - Signal MC: 97.4 K
 - Sherpa MC: 11.2 K
 - RevISO: 3.4 K
- Current training statistics
 - Signal MC: 94.2 K
 - Sherpa MC: 30.3 K
 - RevISO: 2.7 K

Only Sherpa MC is increased

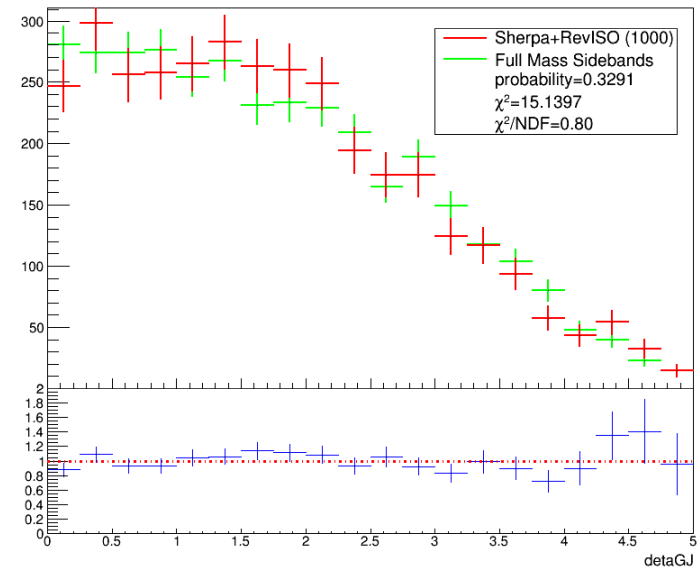
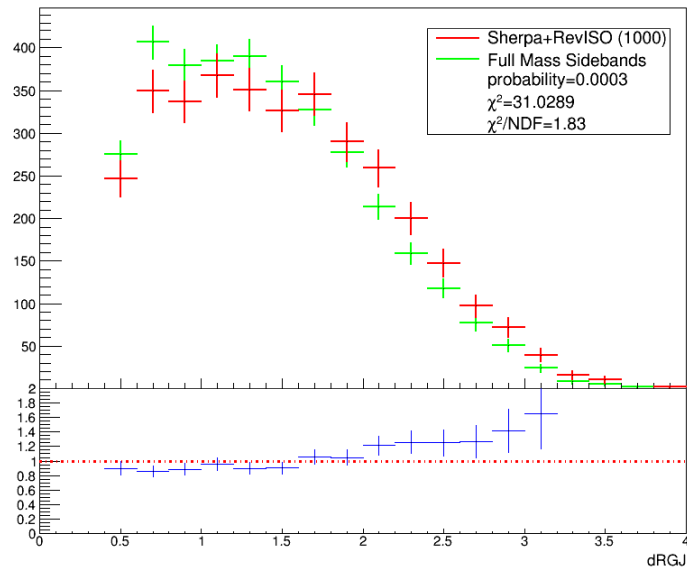
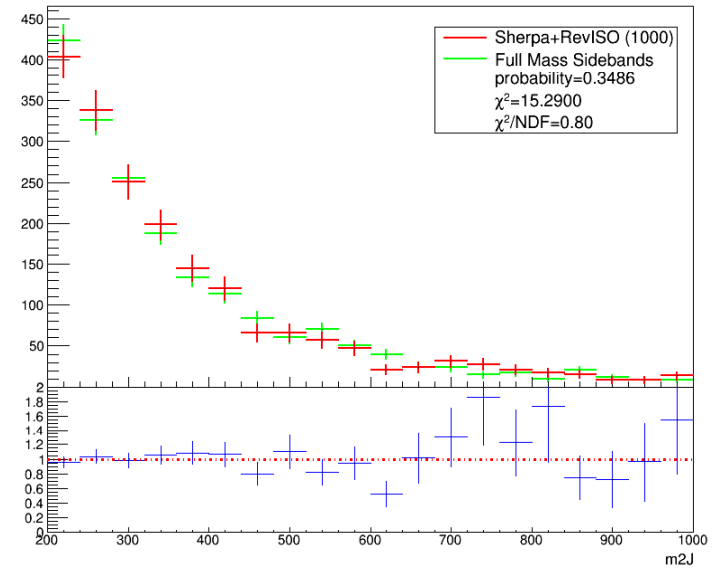
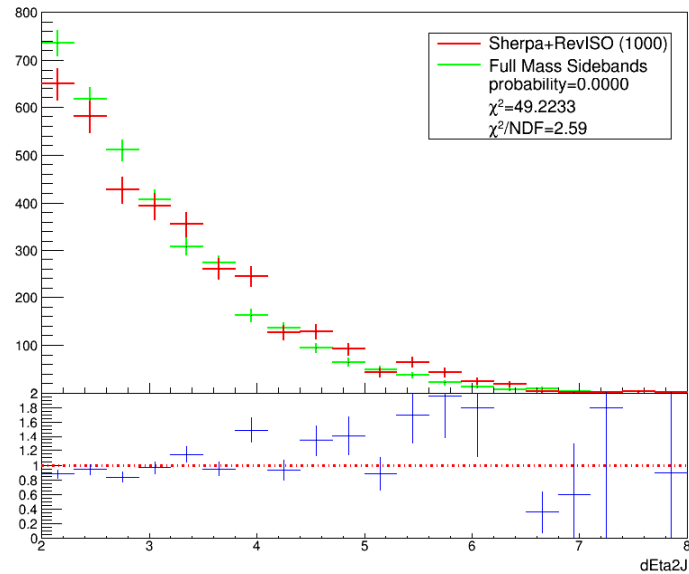
Background Model – Sherpa MC



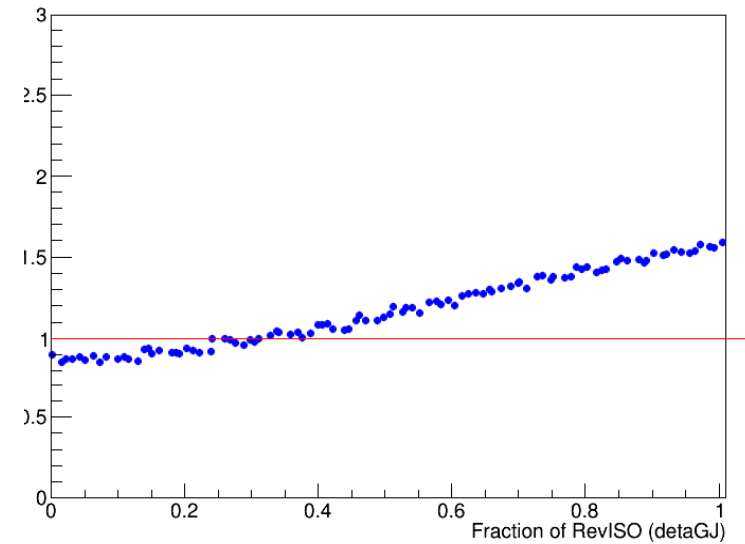
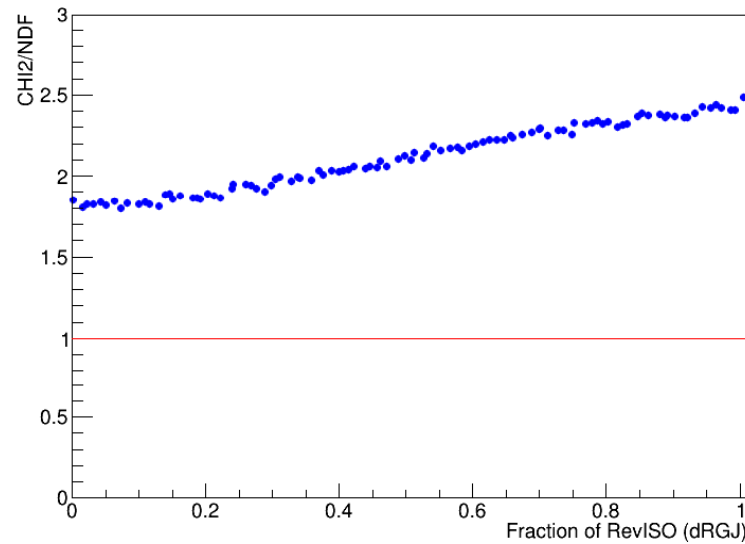
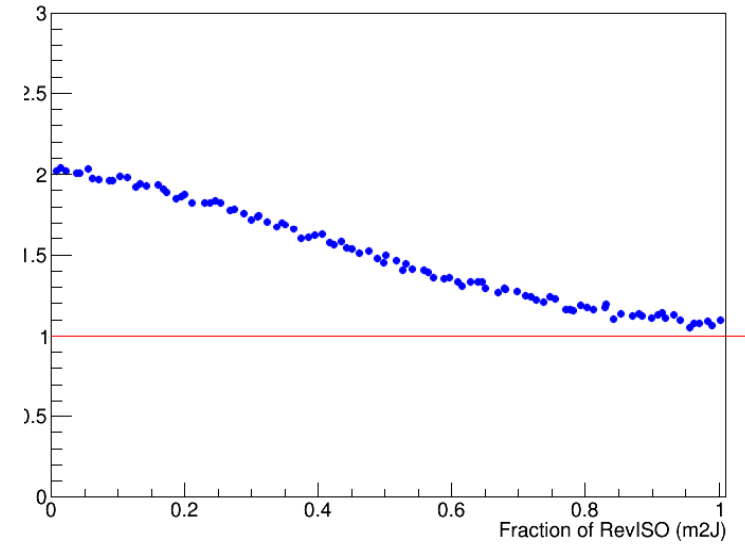
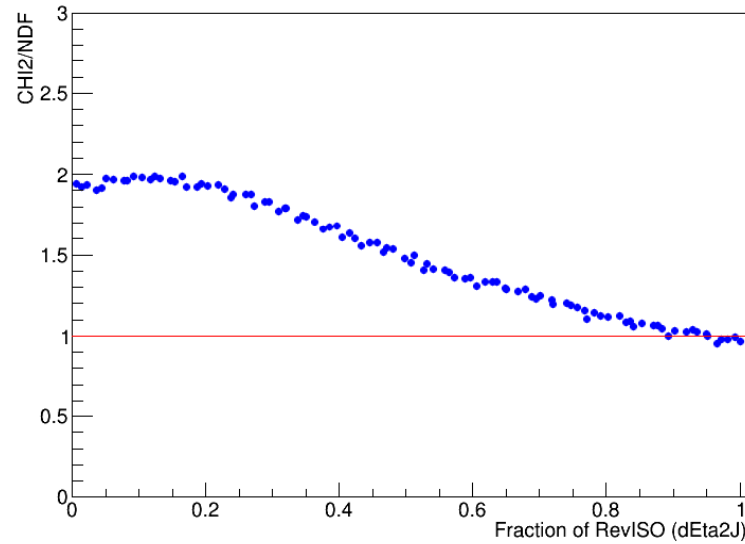
Background Model - RevISO



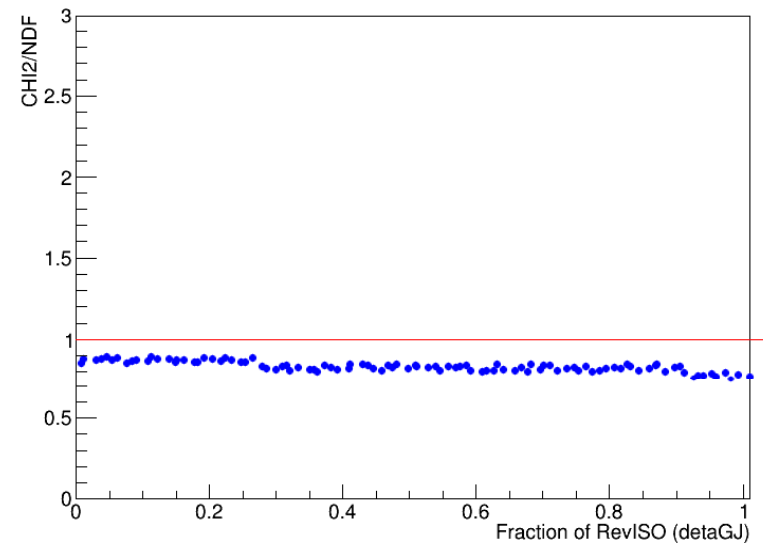
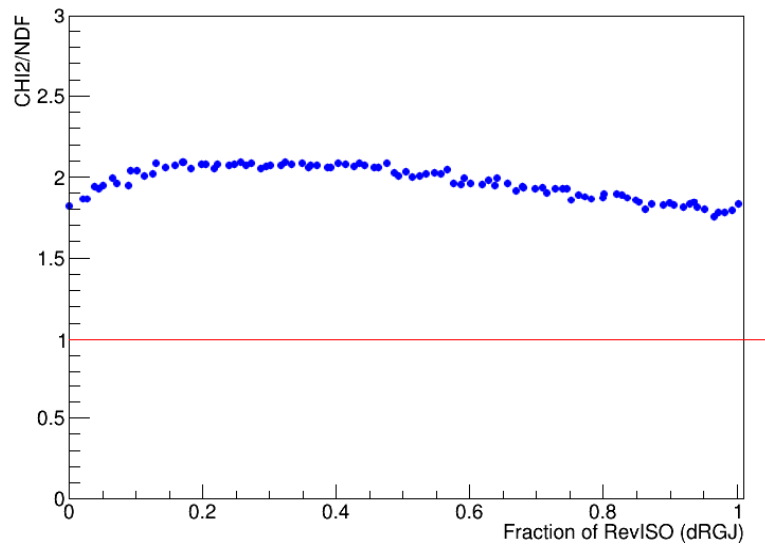
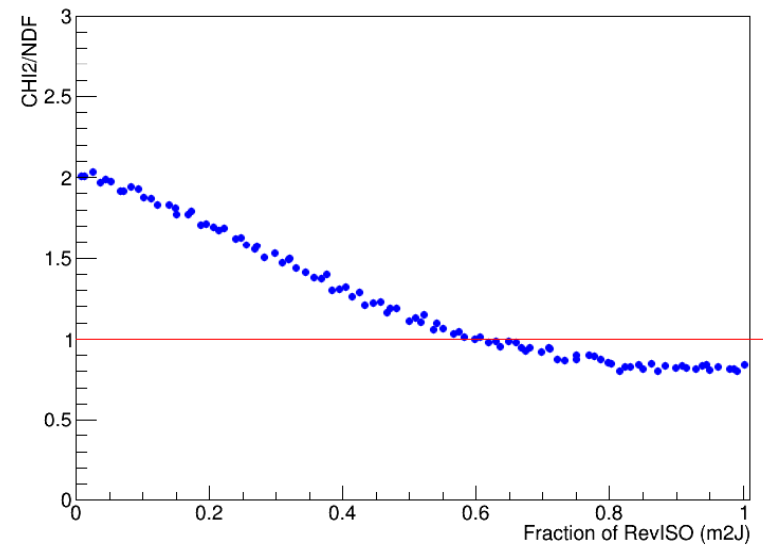
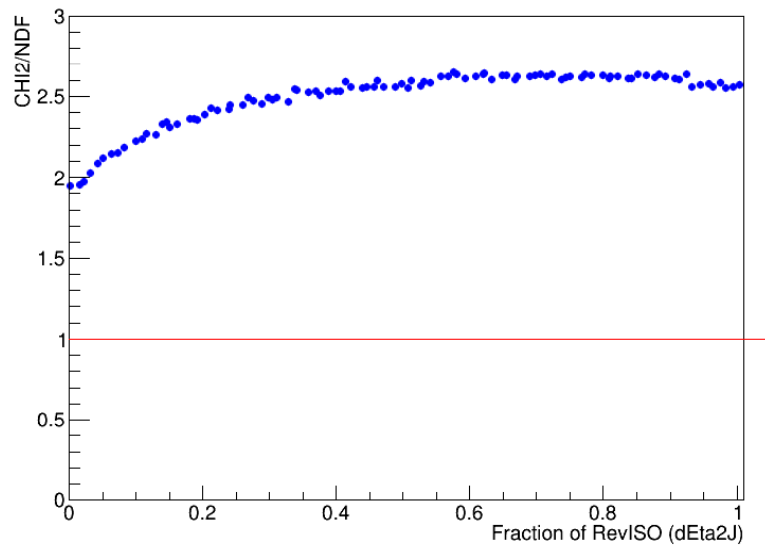
Background Model - RevID



Background Composition (Sherpa+RevISO)



Background Composition (Sherpa+RevID)



Training Option

- With full RevISO samples
- Increase RevISO statistics with
 - larger mass: 100-170GeV
 - Old gamma pt cut
- New training / preparing slides