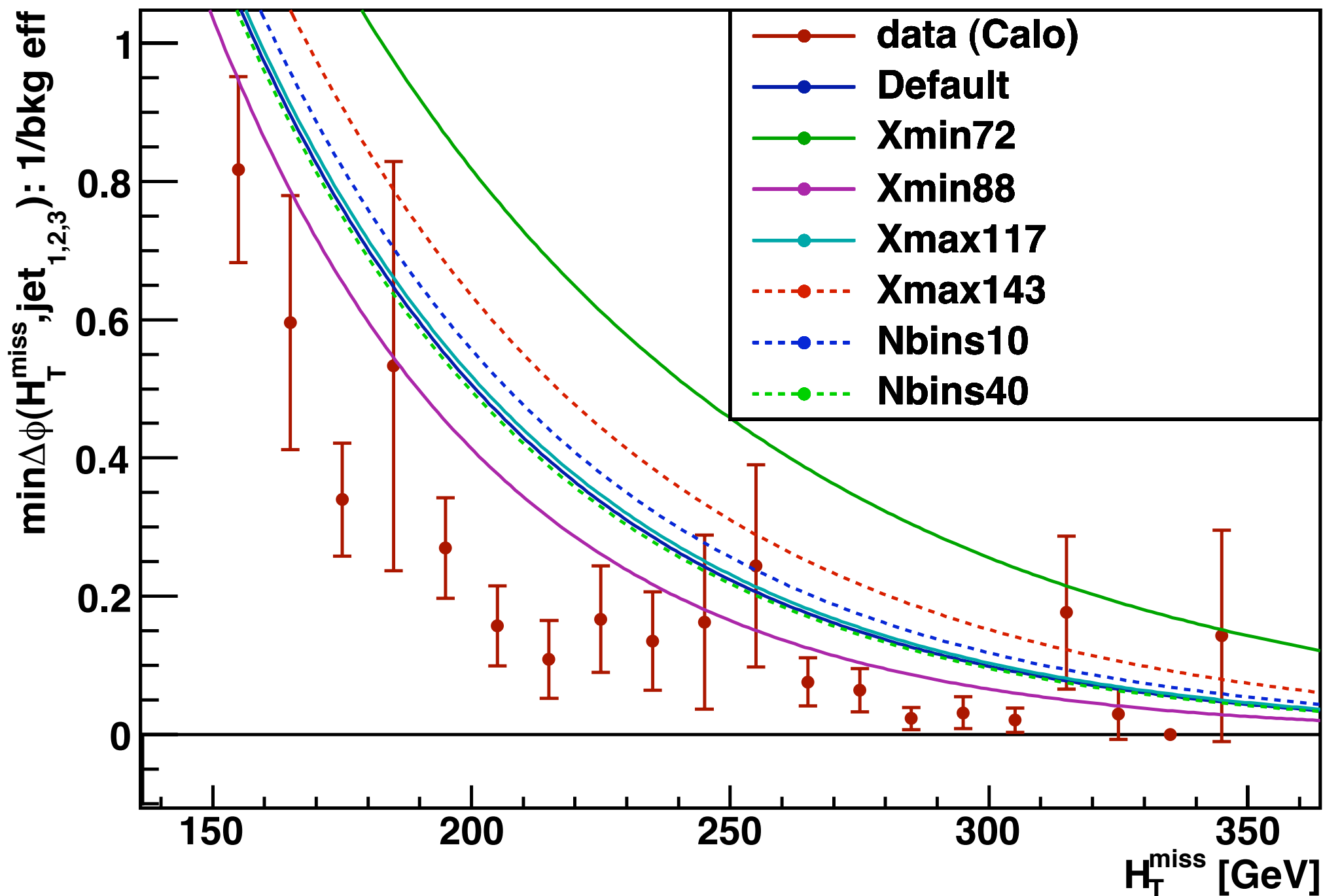


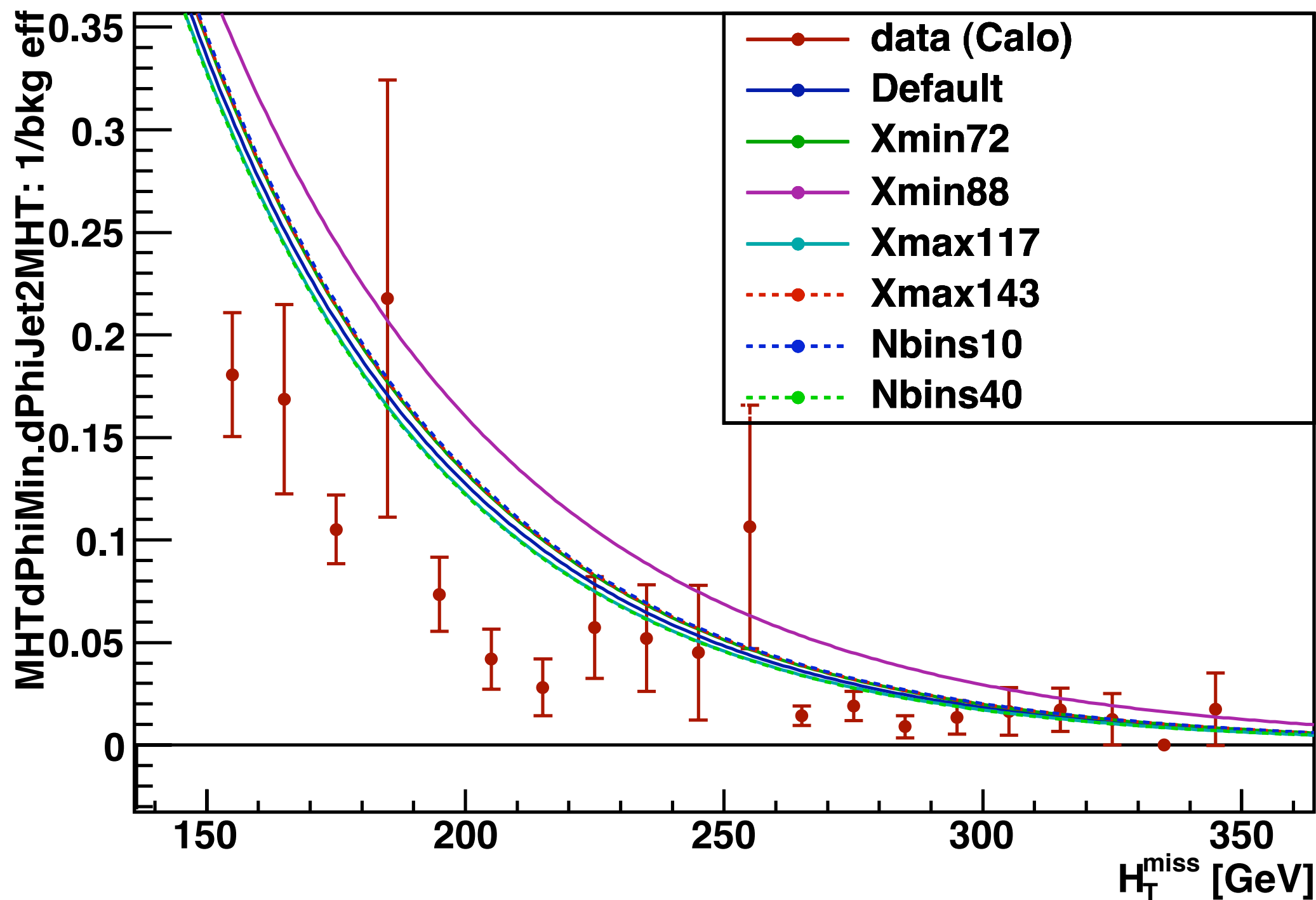
Update on "ABCD" Method

26-05-2010

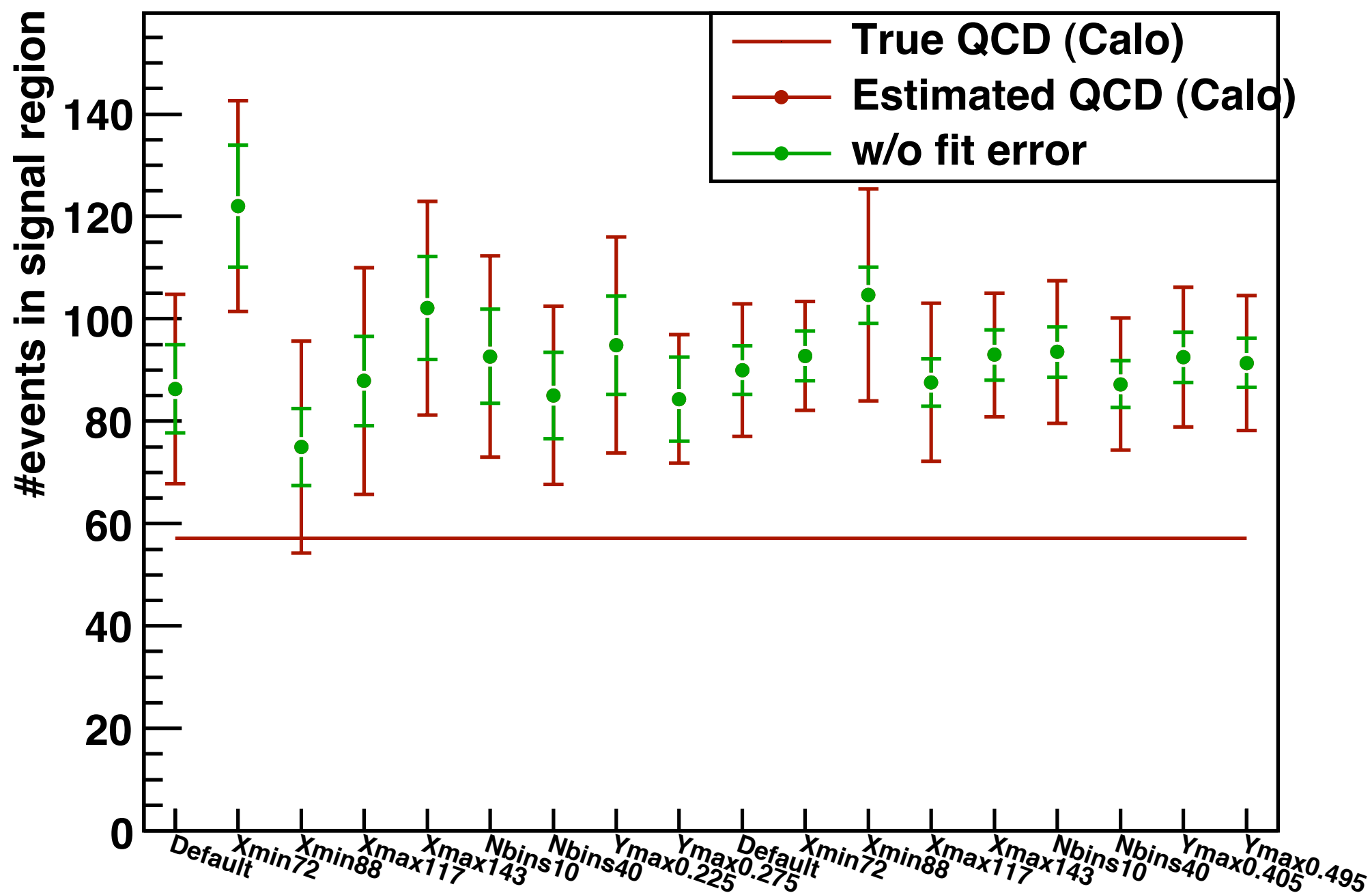
min $\Delta\phi(\text{jet}123, \text{MHT})$ with variations



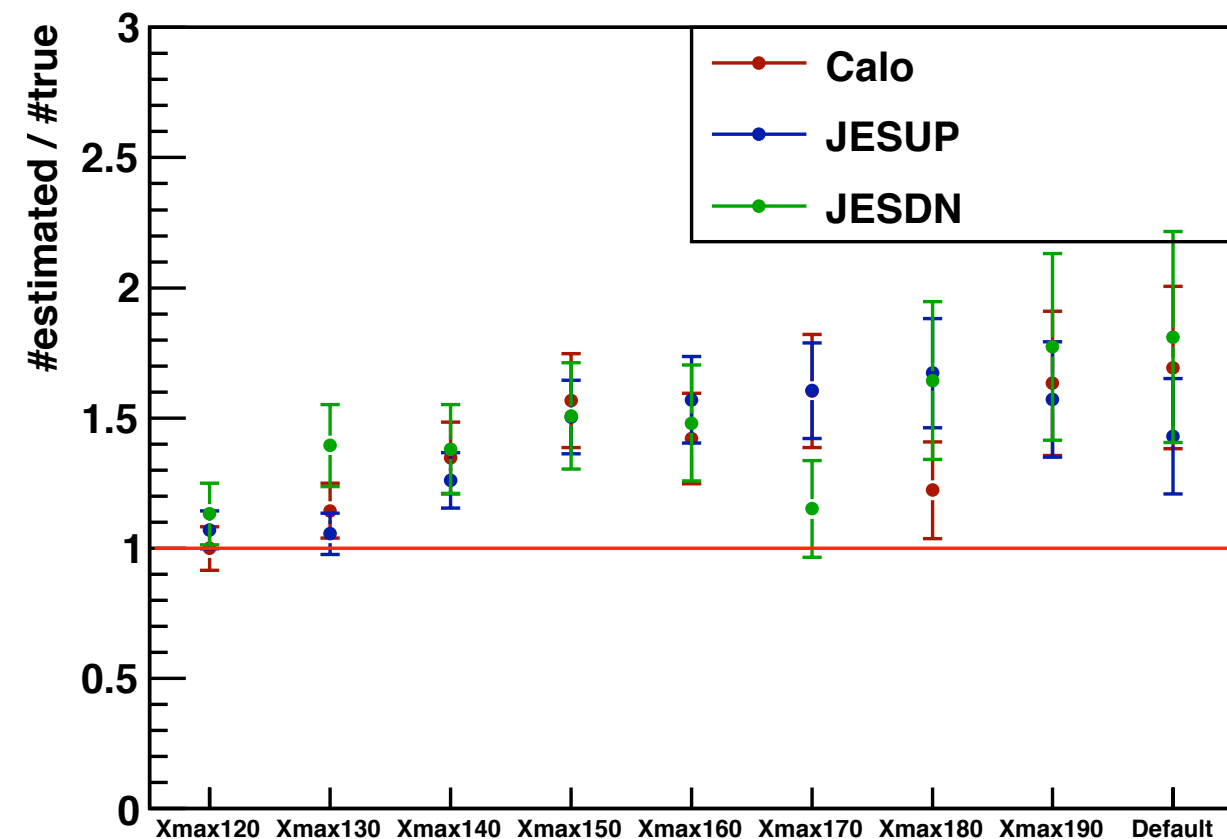
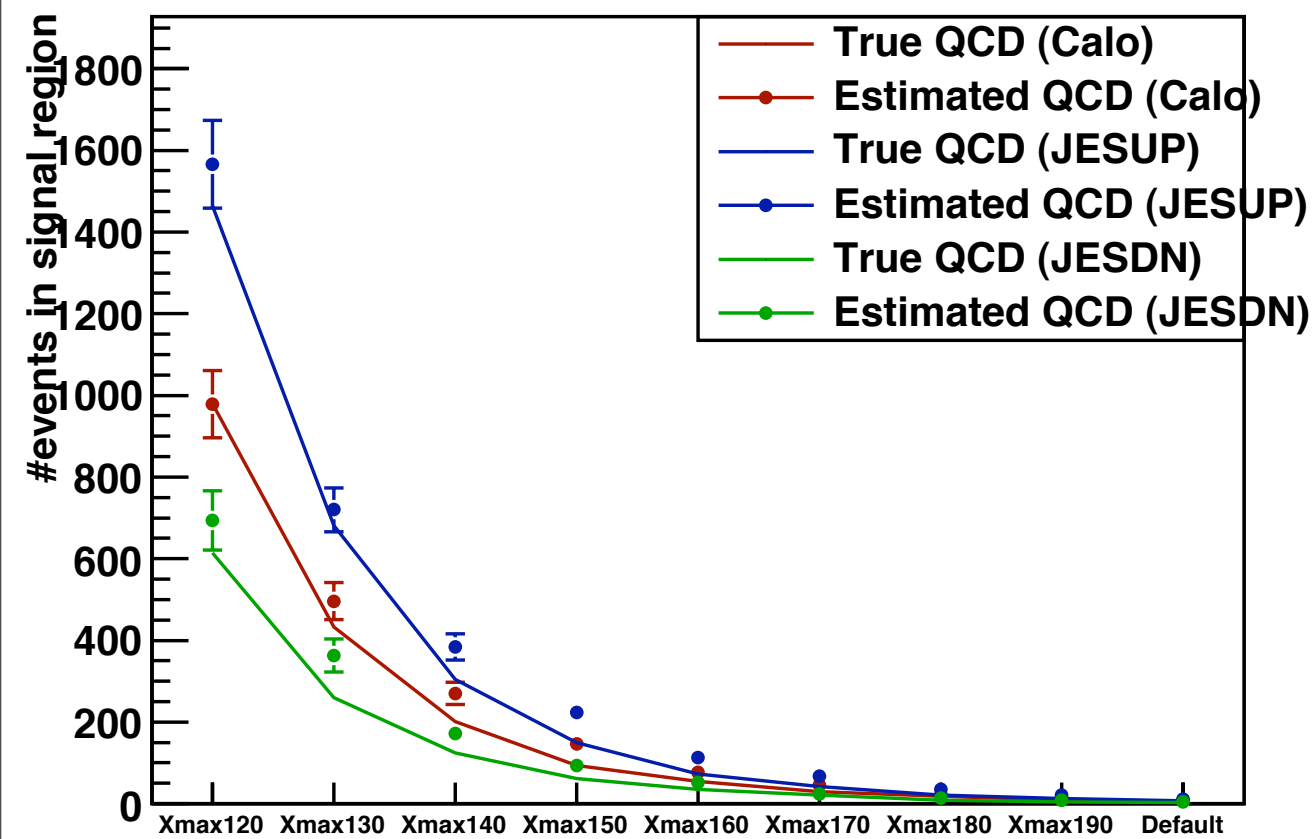
$\Delta\phi(\text{jet2}, \text{MHT})$ with variations



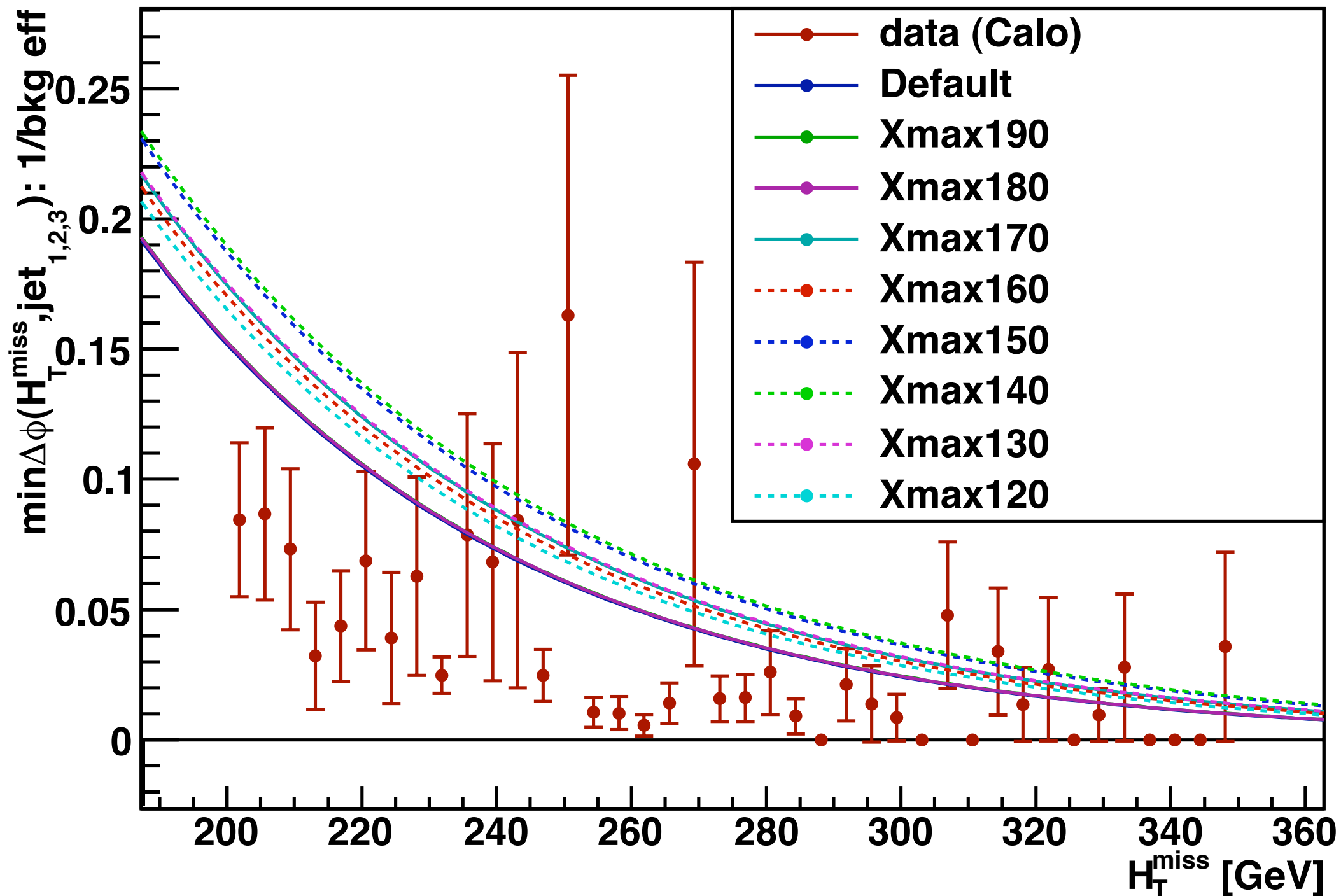
result of variations



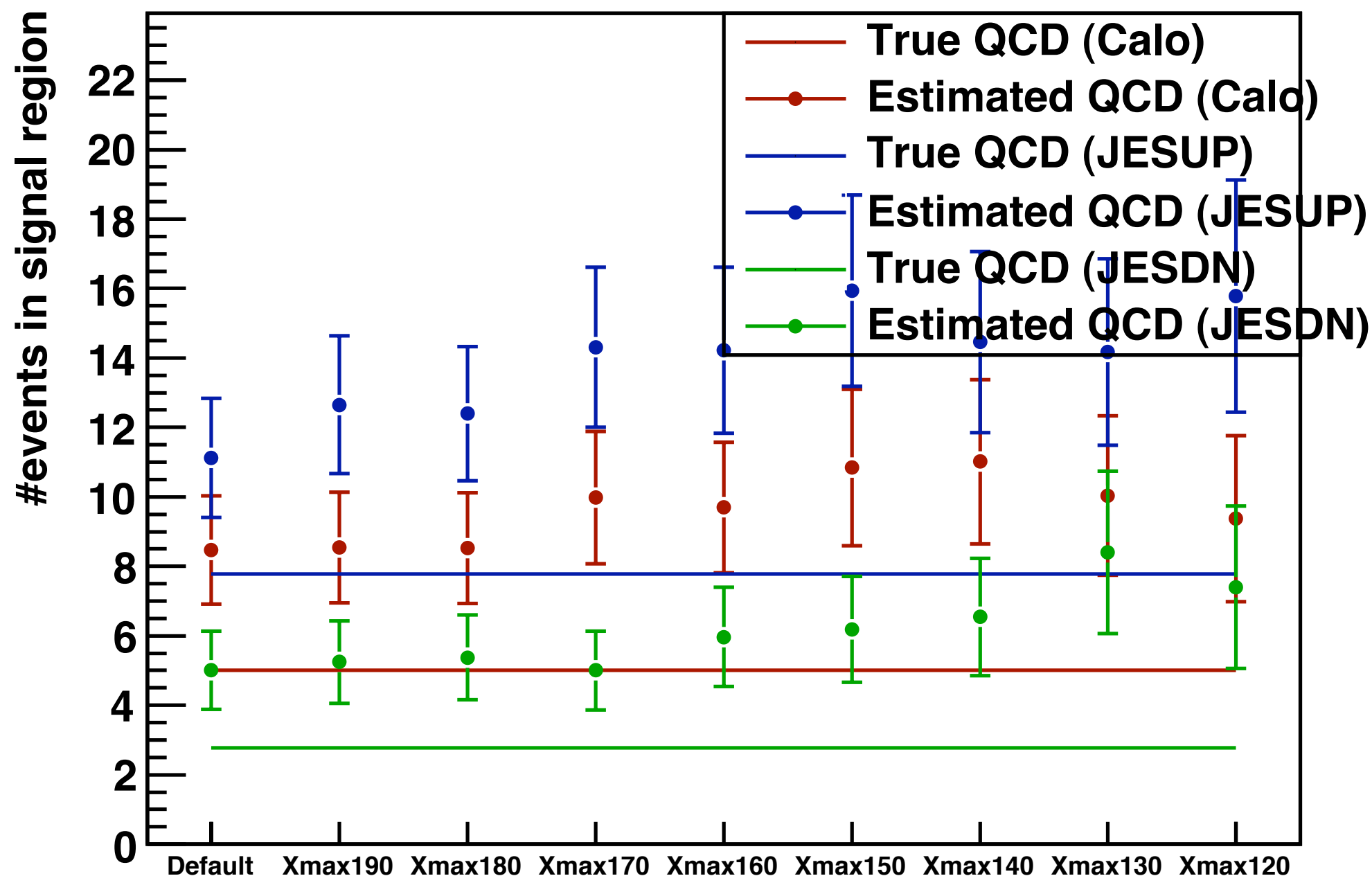
$\min\Delta\phi(\text{jet } 1,2,3)$ with sliding signal MHT cut



min $\Delta\phi(\text{jet}_{1,2,3})$ with sliding bkg MHT cut



$\min\Delta\phi(\text{jet}1,2,3)$ with sliding bkg MHT cut



1. Use SUSYPAT Spring10 MC
2. New smearing of Jet Energy Resolution (Gaus $\pm 10\%$ and Tail $\pm 3\sigma$) and JES ($\pm 10\%$)
3. Combine with other backgrounds and signal in RA2 framework
4. Update chapter in RA2 note