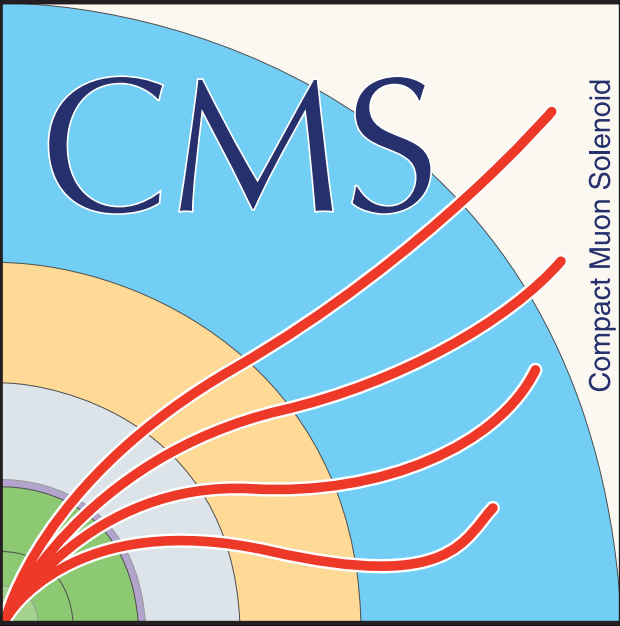
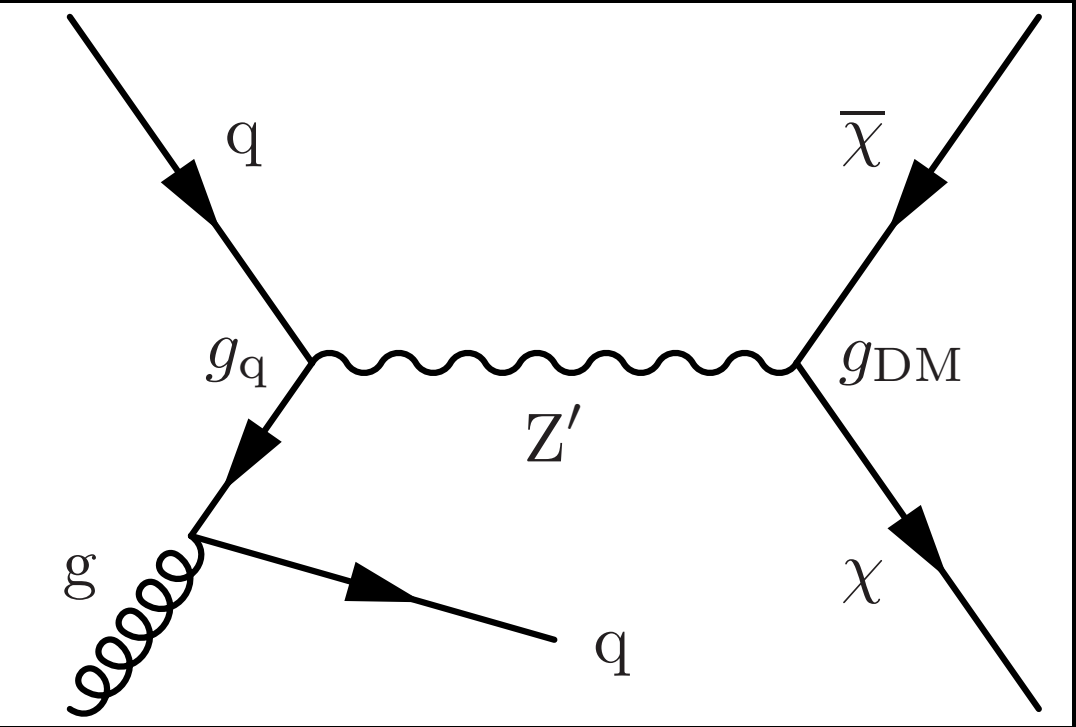
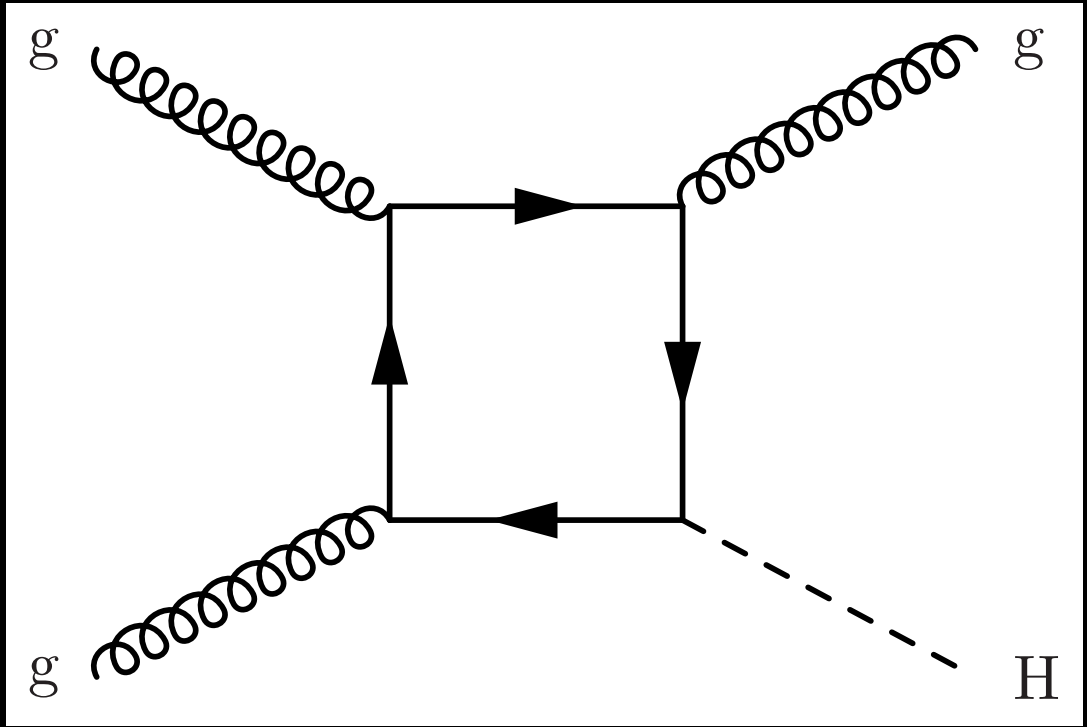


H- \rightarrow invisible: status report



Andrea Malara

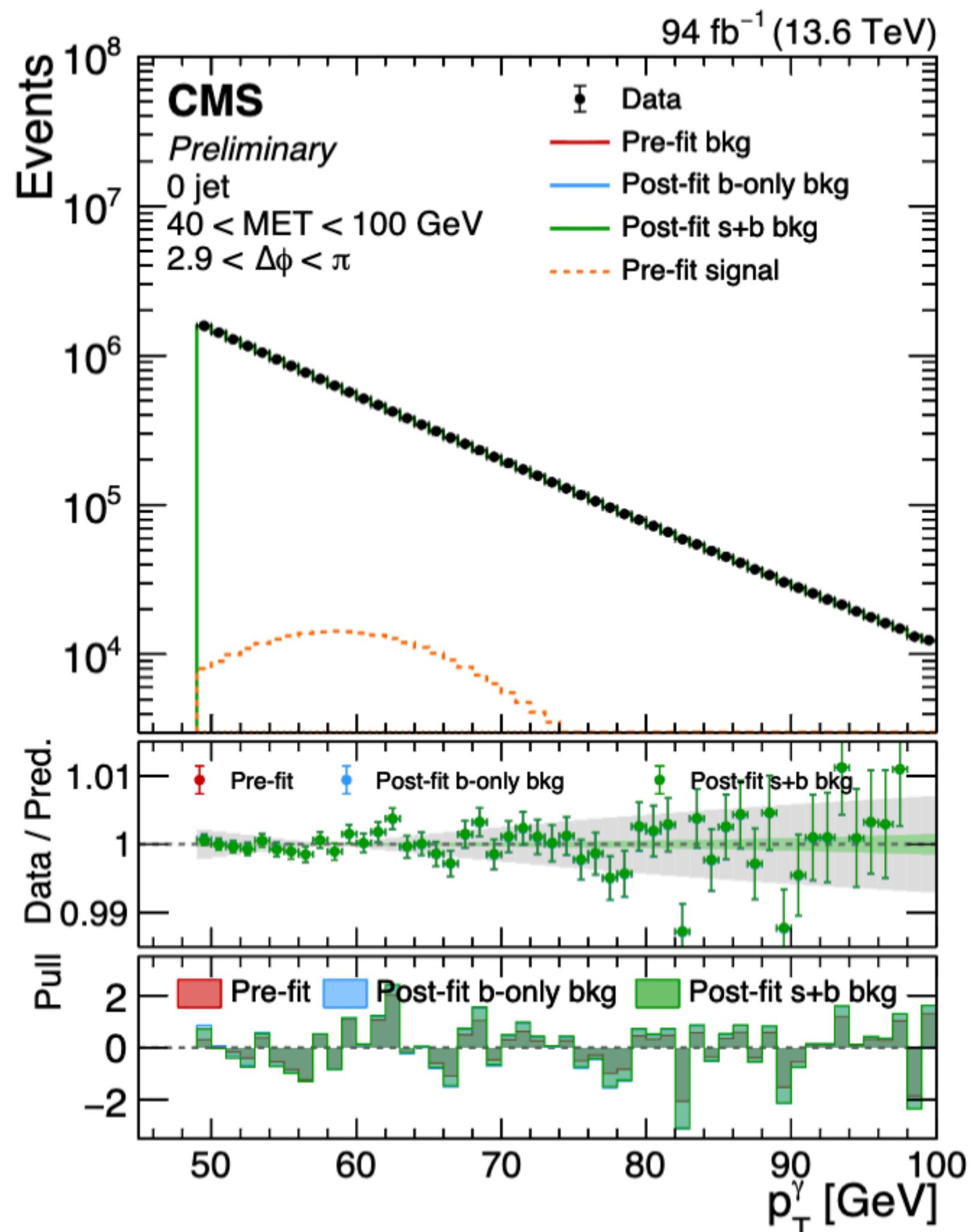
Université Libre de Bruxelles

06 July 2026

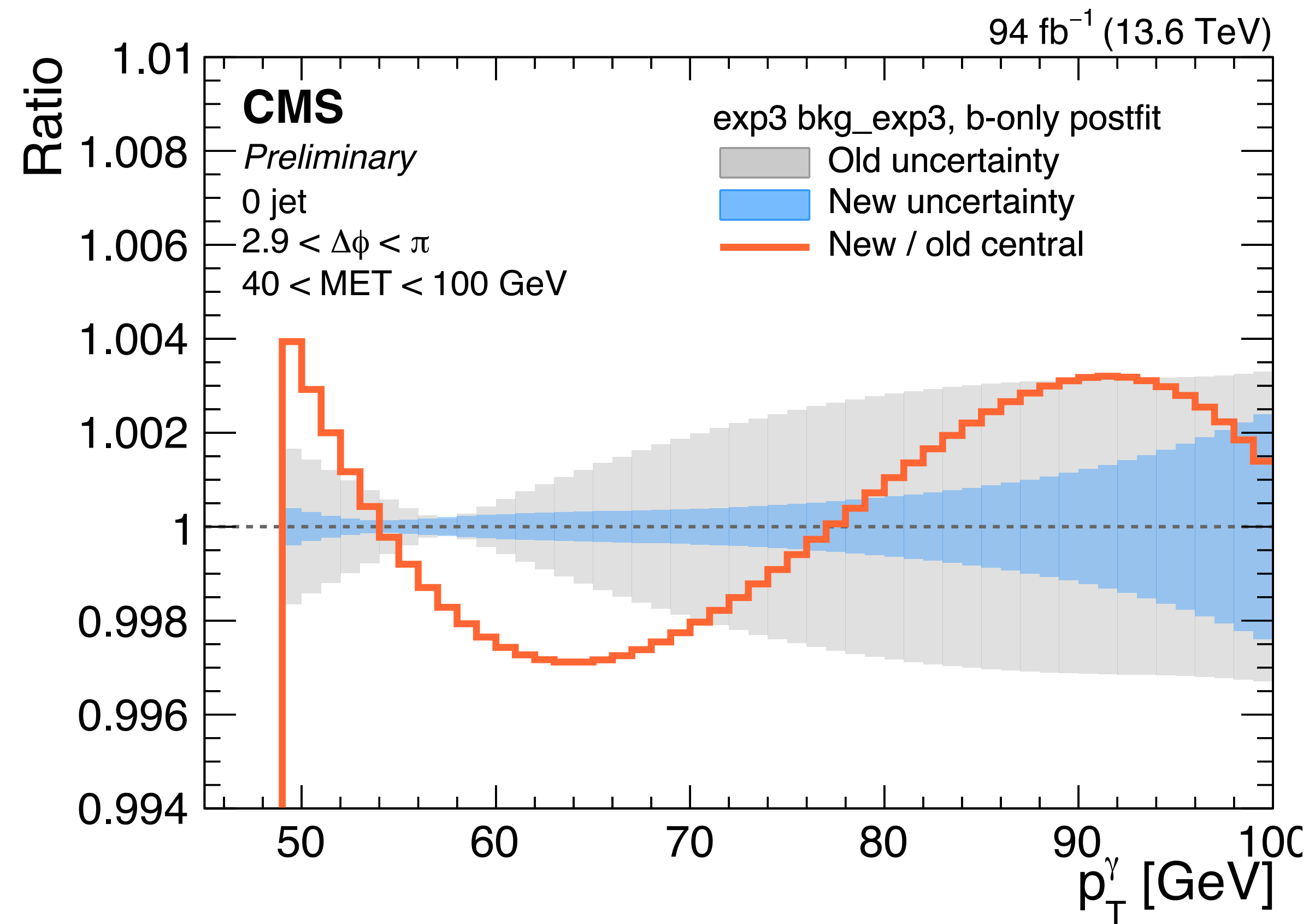
Combine Results

datacard_exp2_ch_0jet_dphi_2p9_pi_MET_40_100

Model: exp2 Channel: ch_0jet_dphi_2p9_pi_MET_40_100 Expected BR limit [%]: $3.53^{+1.15}_{-0.79}$



ch_0jet_dphi_2p9_pi_MET_40_100_both.pdf

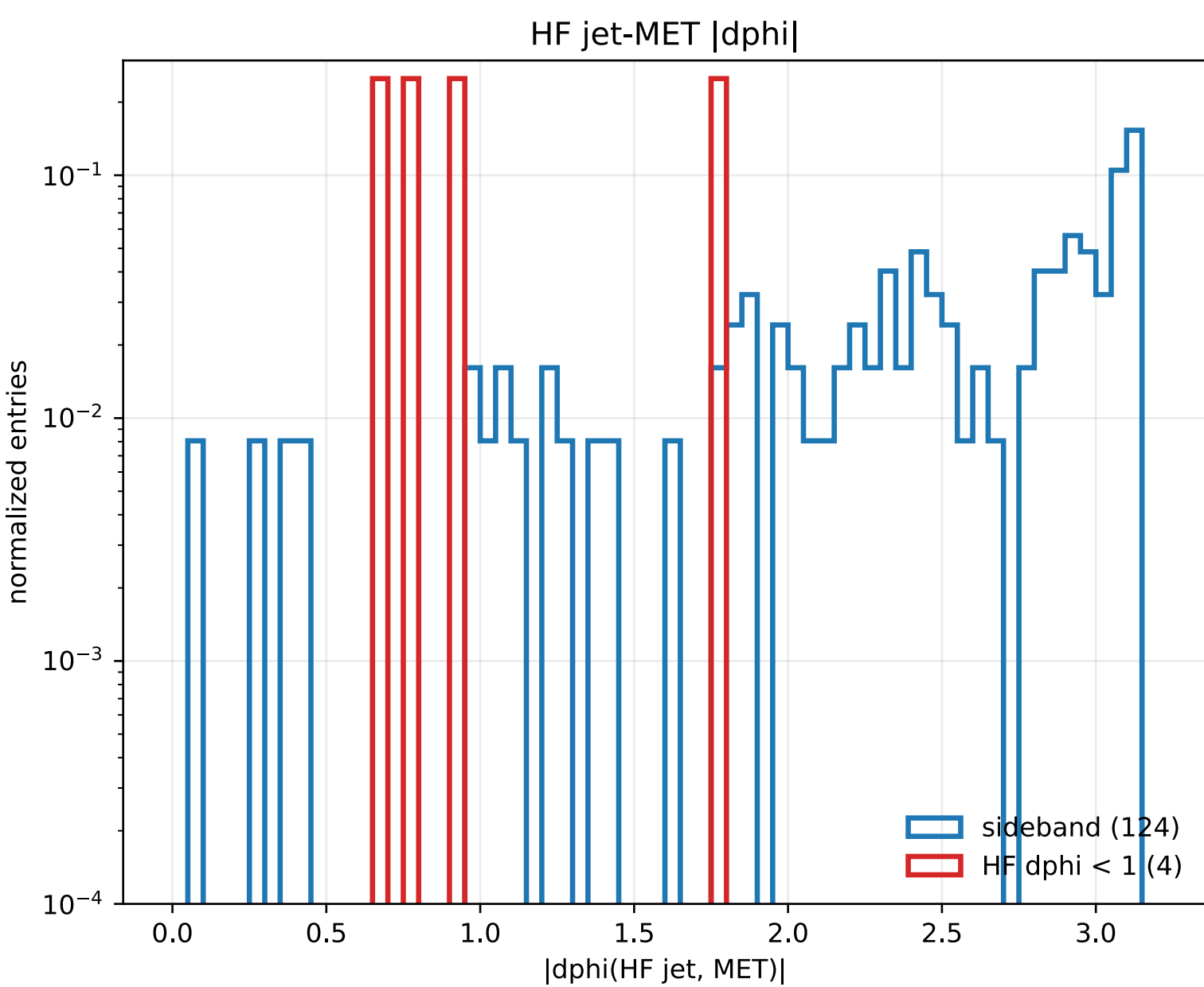
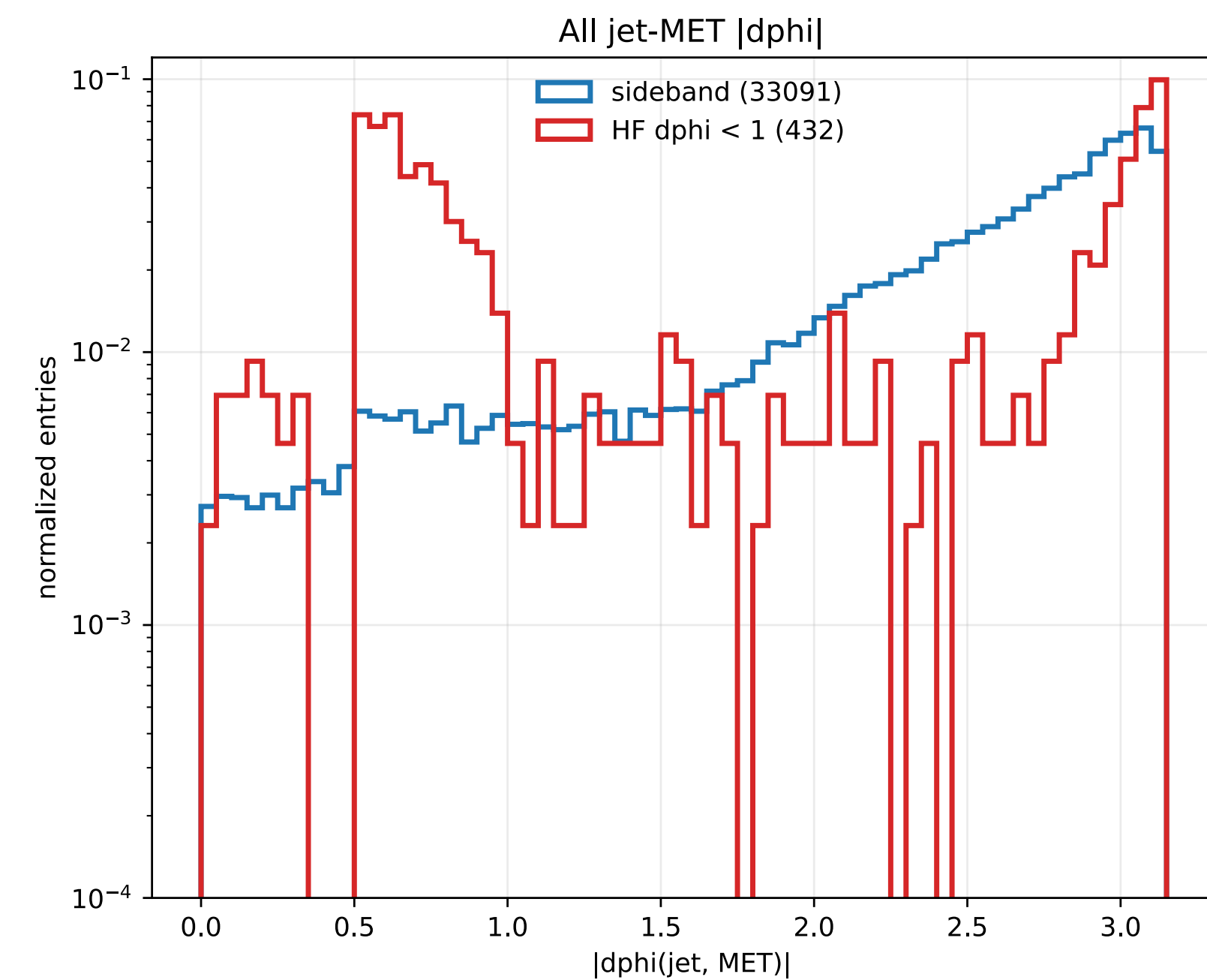
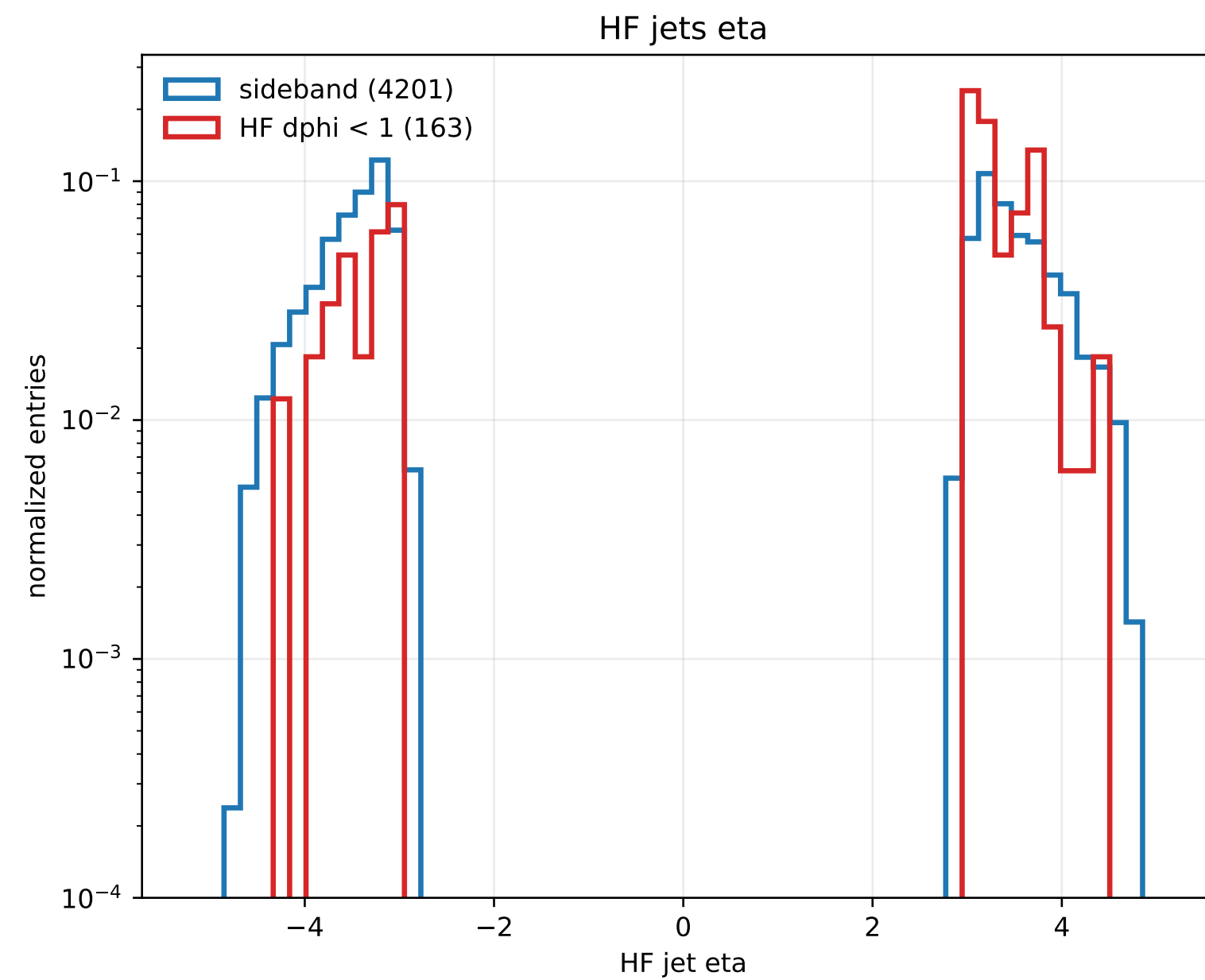
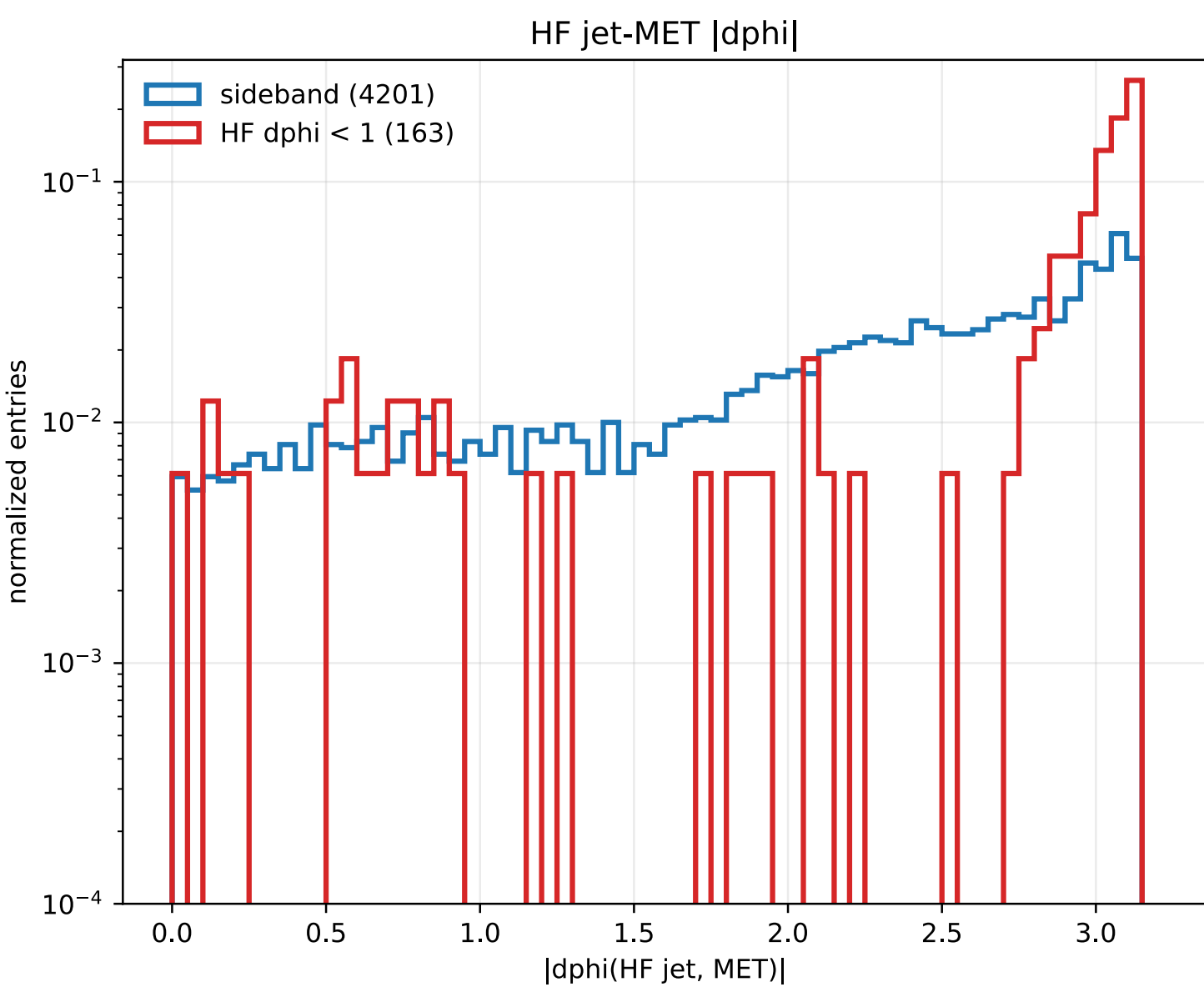


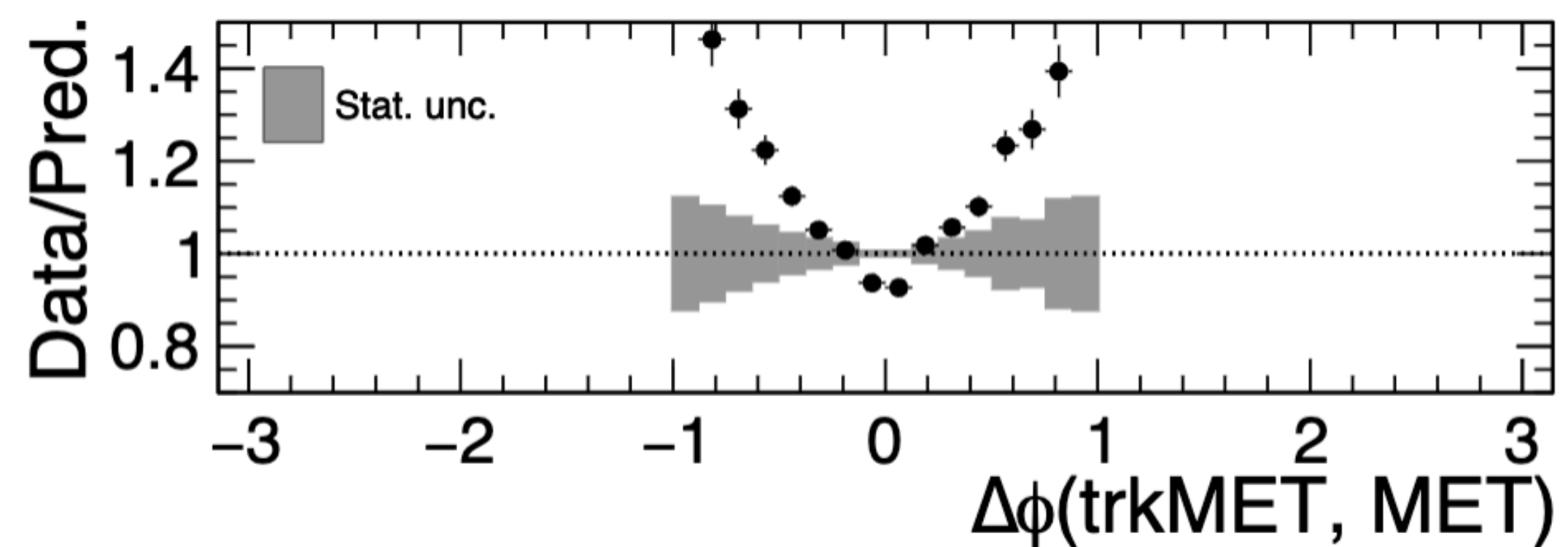
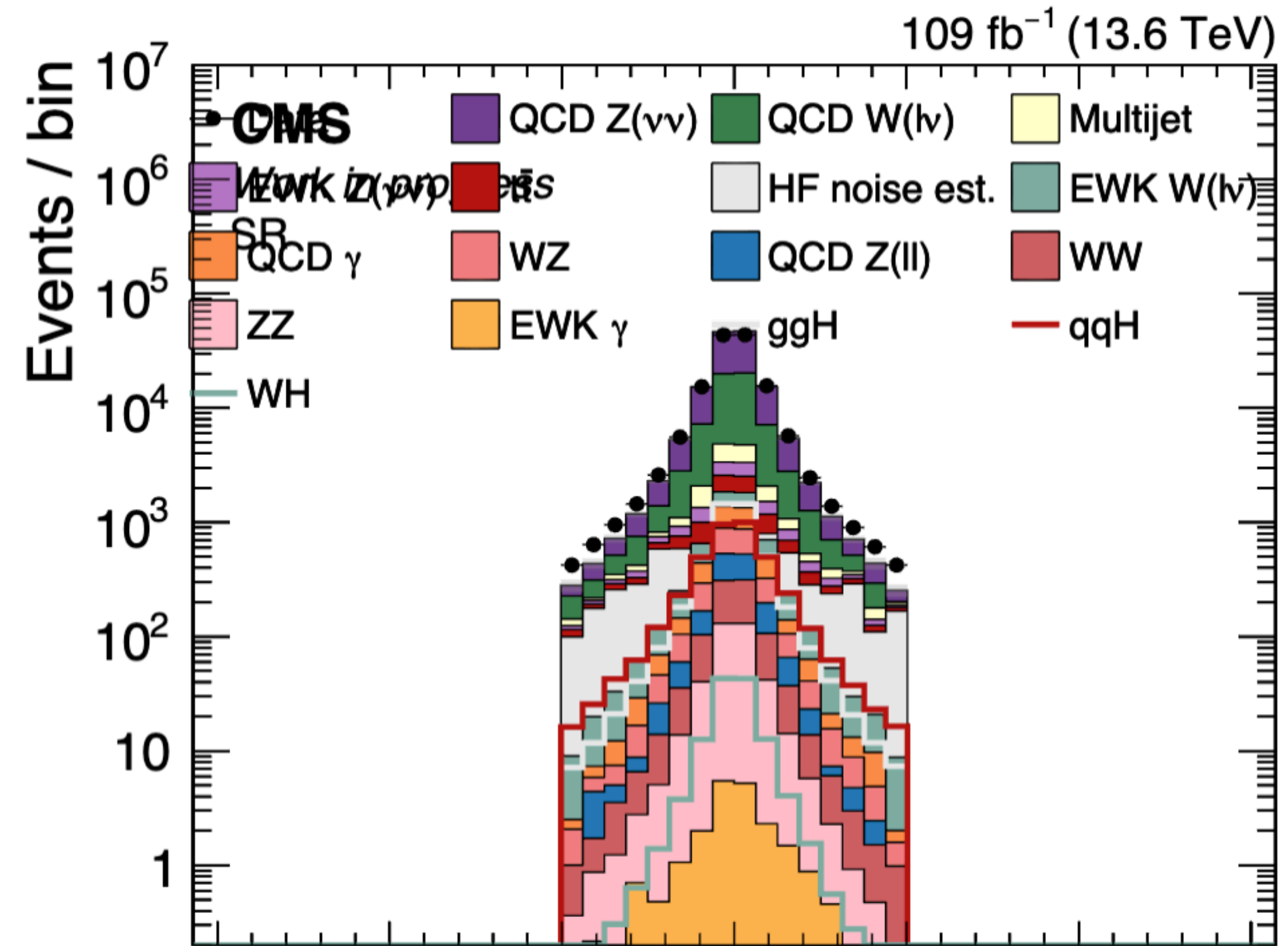
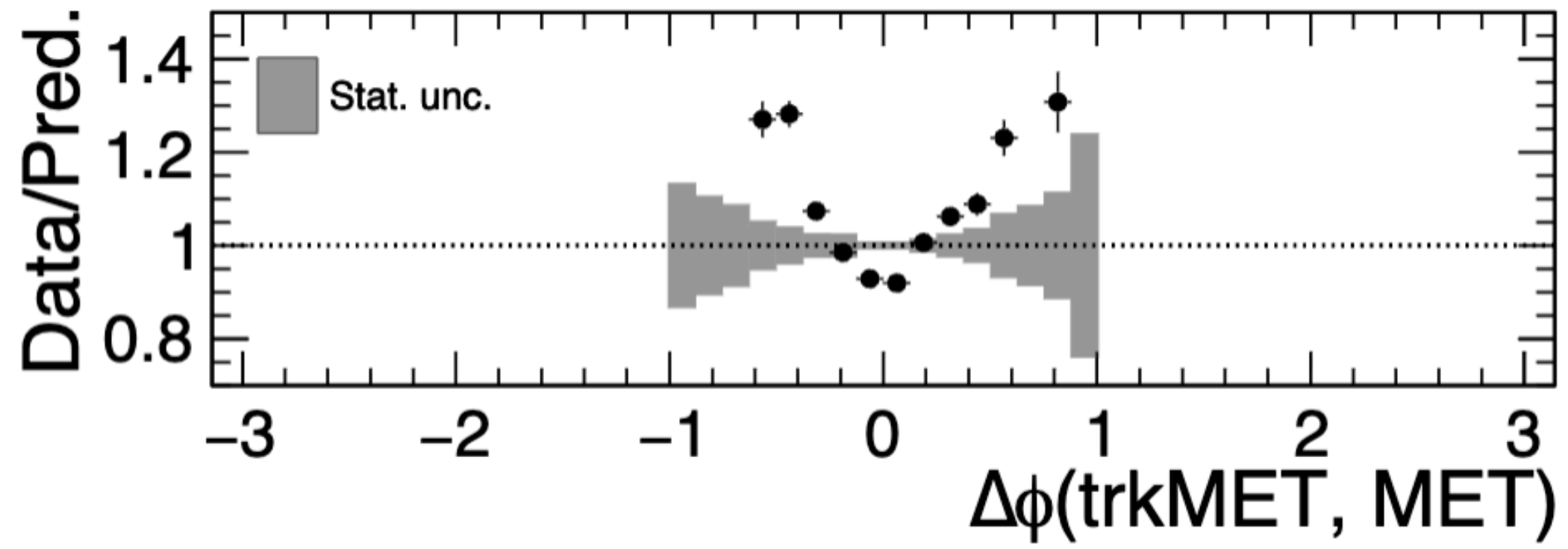
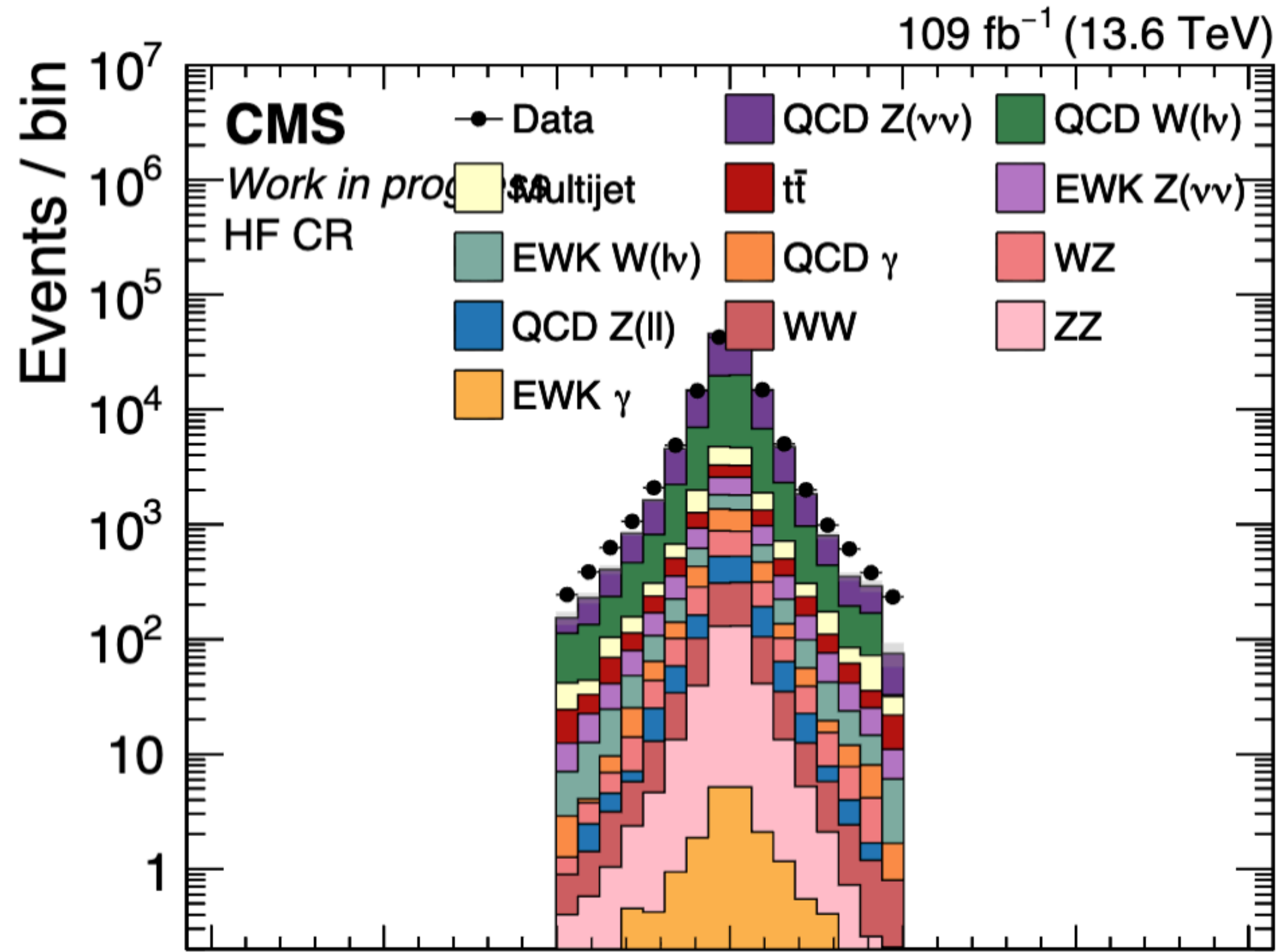
Expected Limits

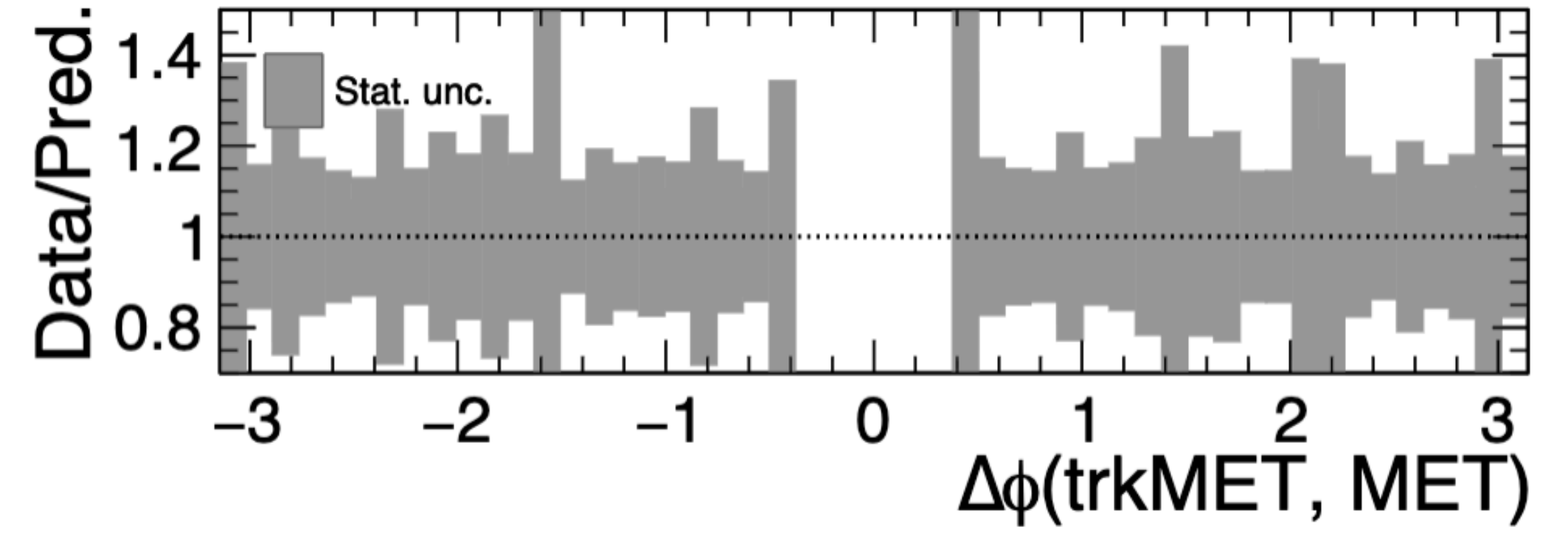
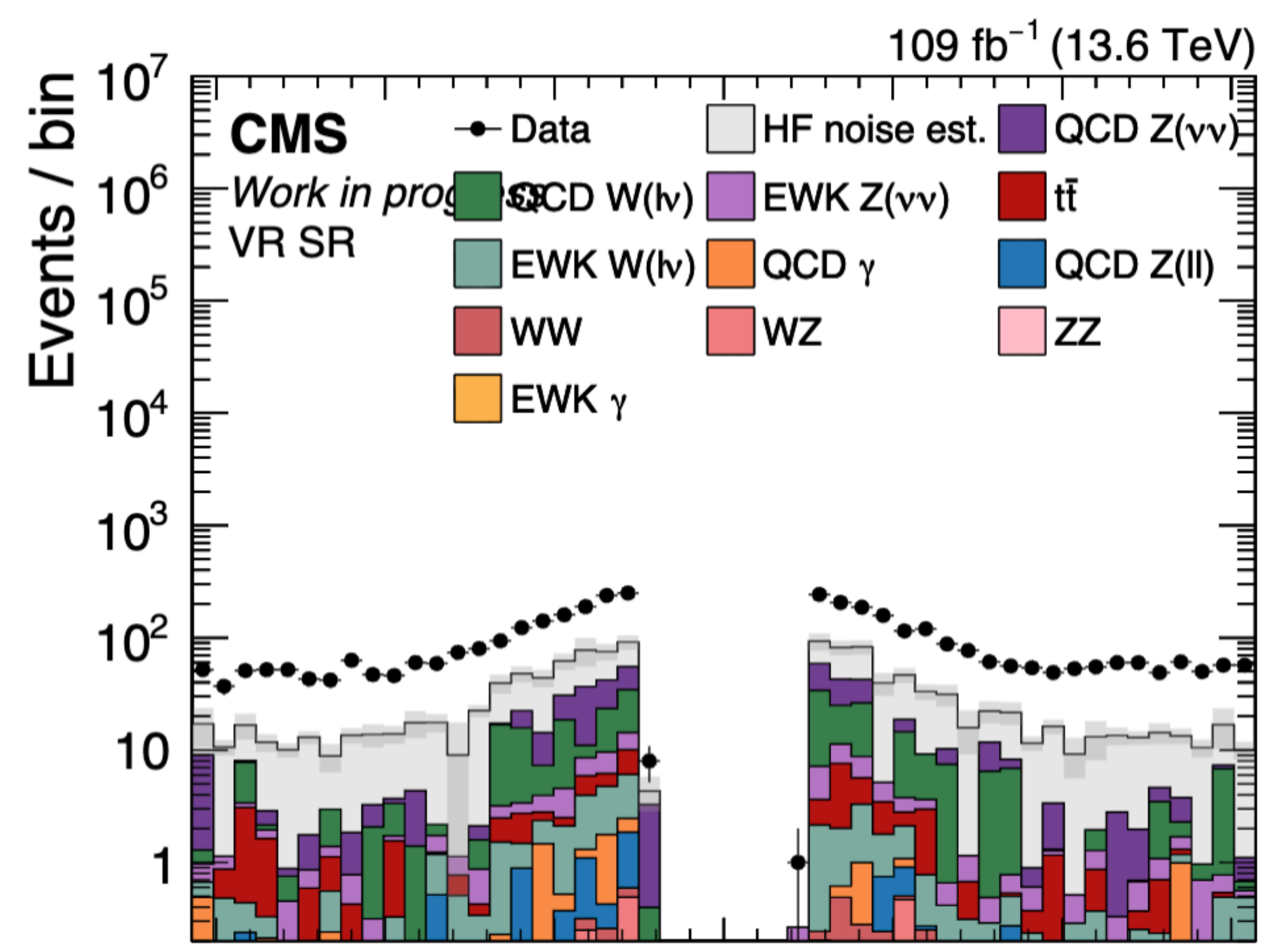
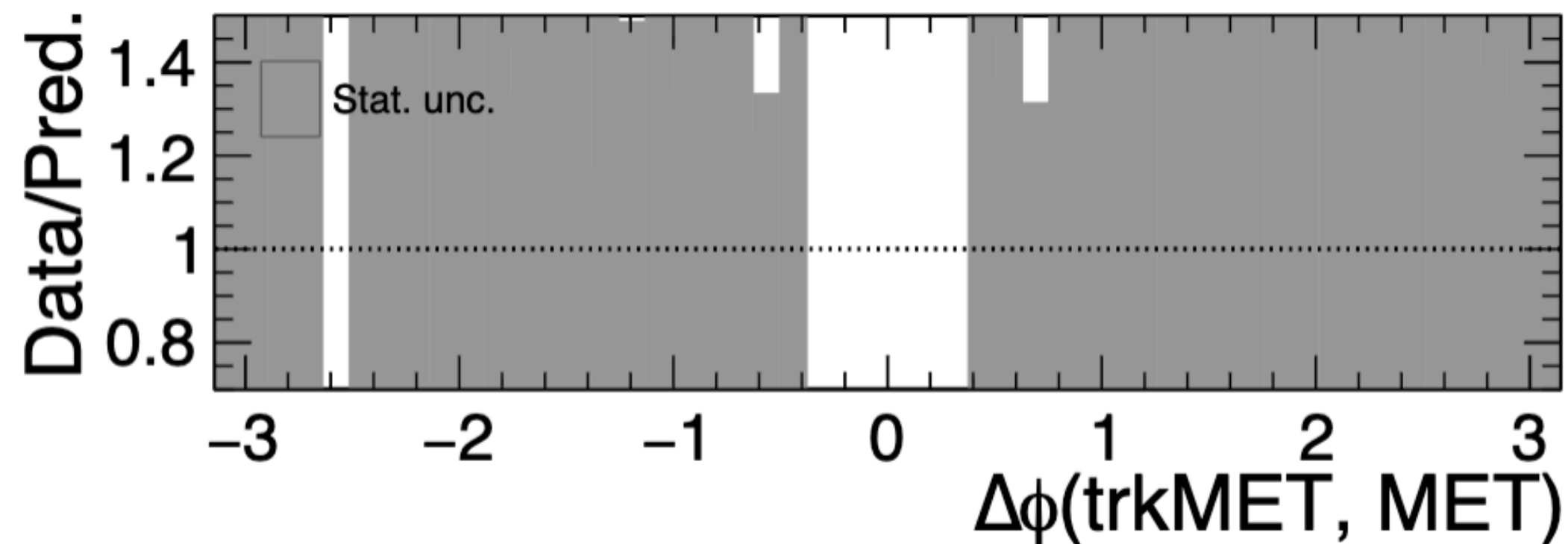
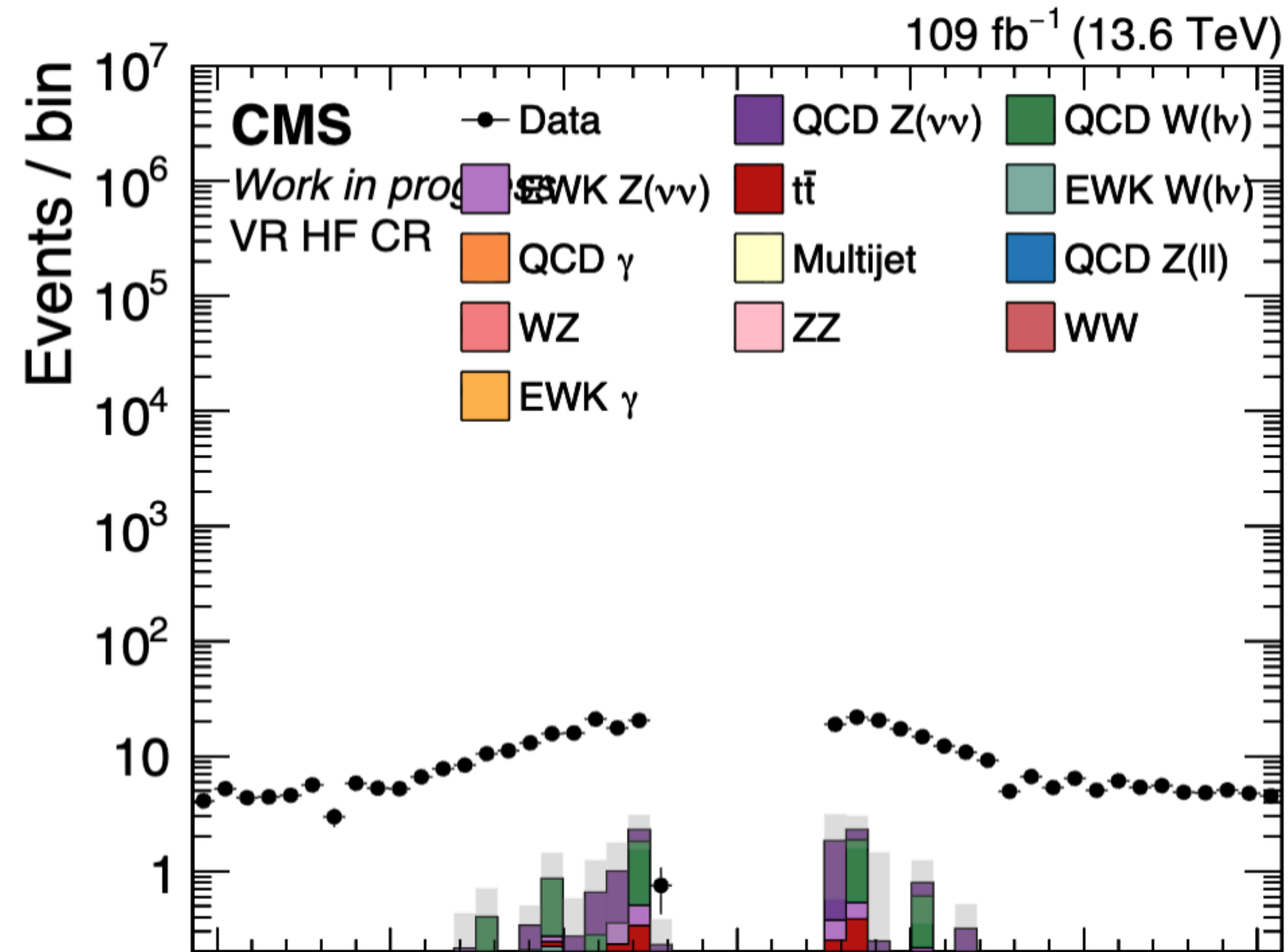
ch_0jet_dphi_2p9_pi_MET_40_100

Fit	BR limit $^{+1\sigma}_{-1\sigma}$ [%]
exp2	$3.53^{+1.15}_{-0.79}$
exp3	$3.75^{+1.20}_{-0.84}$
exp4	$3.77^{+1.21}_{-0.84}$
exp5	$3.74^{+1.20}_{-0.84}$
hist	$2.55^{+1.05}_{-0.72}$

Useful read: [arXiv.2607.00884](https://arxiv.org/abs/2607.00884)







~~~ **Additional Material** ~~~