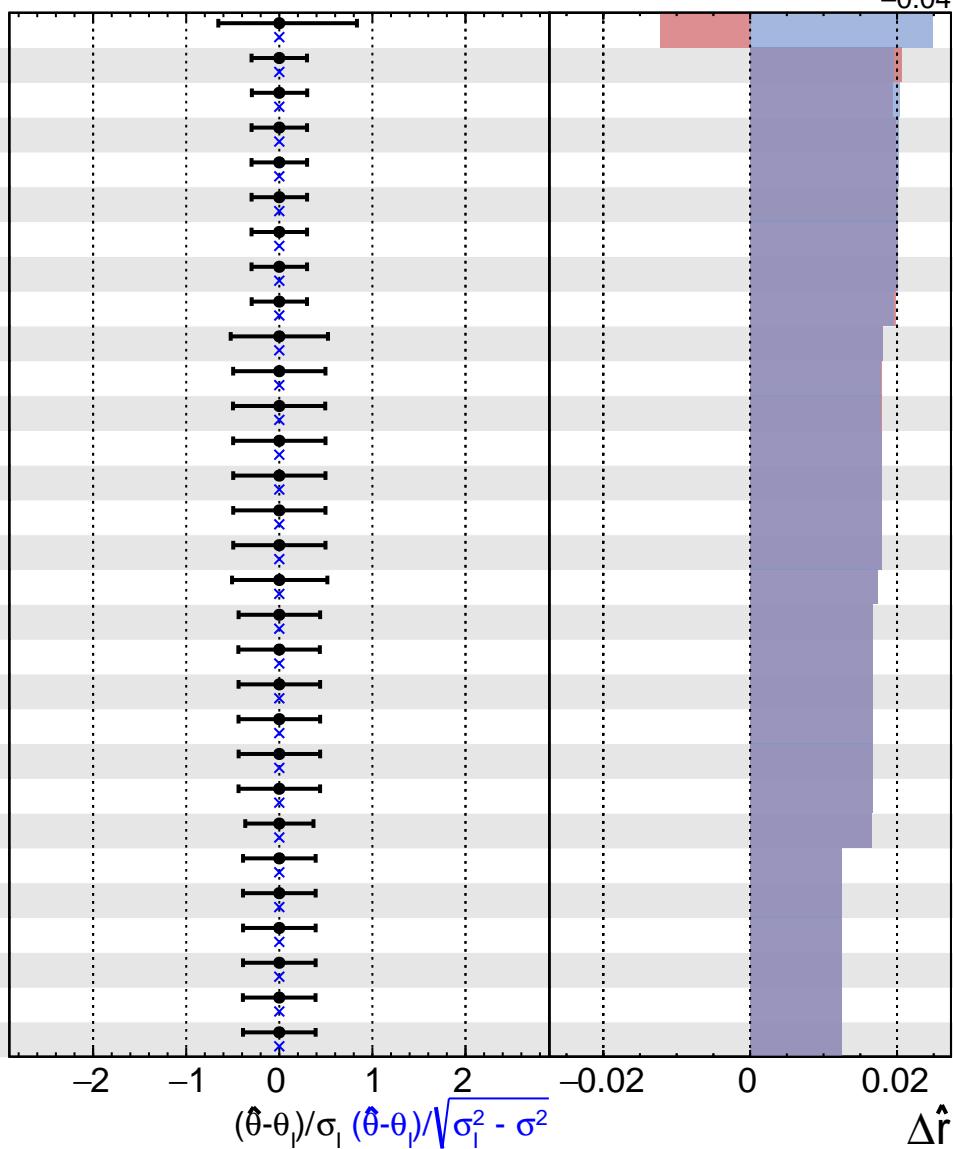


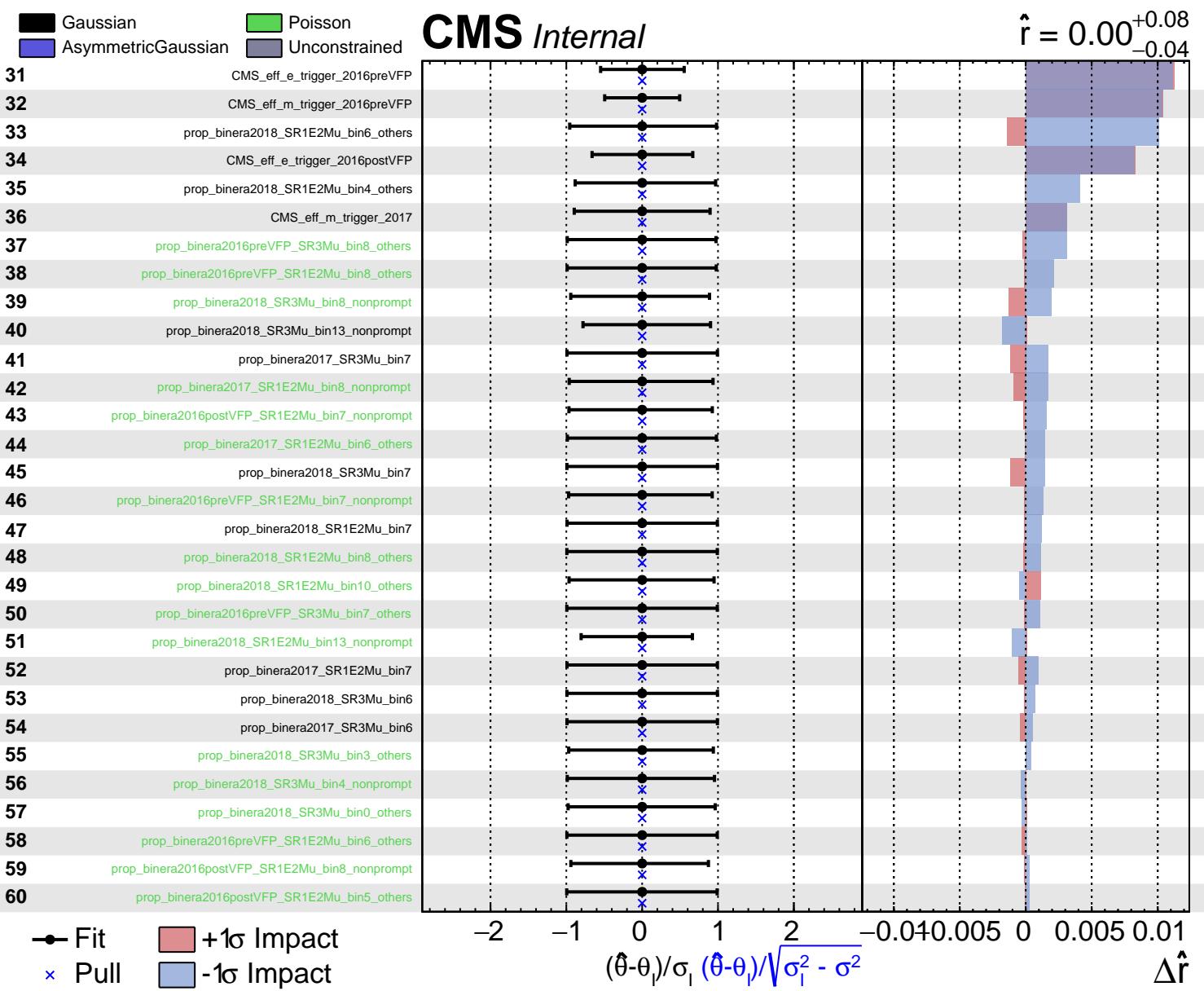
- 1 CMS_B2G25013_Norm_others
 2 CMS_pileup_13TeV
 3 CMS_scale_j
 4 CMS_btag_fixedWP_mujets_bc_correlated
 5 CMS_eff_m_id
 6 CMS_btag_fixedWP_incl_light_correlated
 7 CMS_scale_e
 8 CMS_res_e
 9 CMS_scale_m
 10 CMS_eff_m_trigger_2016postVFP
 11 CMS_btag_fixedWP_mujets_bc_uncorrelated_2017
 12 CMS_I1_prefiring_2017
 13 CMS_eff_j_PUJET_id_2017
 14 CMS_res_j_2017
 15 CMS_scale_met_unclustered_energy_2017
 16 CMS_btag_fixedWP_incl_light_uncorrelated_2017
 17 CMS_eff_e_trigger_2017
 18 CMS_btag_fixedWP_mujets_bc_uncorrelated_2016postVFP
 19 CMS_I1_prefiring_2016postVFP
 20 CMS_eff_j_PUJET_id_2016postVFP
 21 CMS_res_j_2016postVFP
 22 CMS_btag_fixedWP_incl_light_uncorrelated_2016postVFP
 23 CMS_scale_met_unclustered_energy_2016postVFP
 24 CMS_eff_e_id
 25 CMS_btag_fixedWP_mujets_bc_uncorrelated_2016preVFP
 26 CMS_eff_j_PUJET_id_2016preVFP
 27 CMS_btag_fixedWP_incl_light_uncorrelated_2016preVFP
 28 CMS_scale_met_unclustered_energy_2016preVFP
 29 CMS_I1_prefiring_2016preVFP
 30 CMS_res_j_2016preVFP

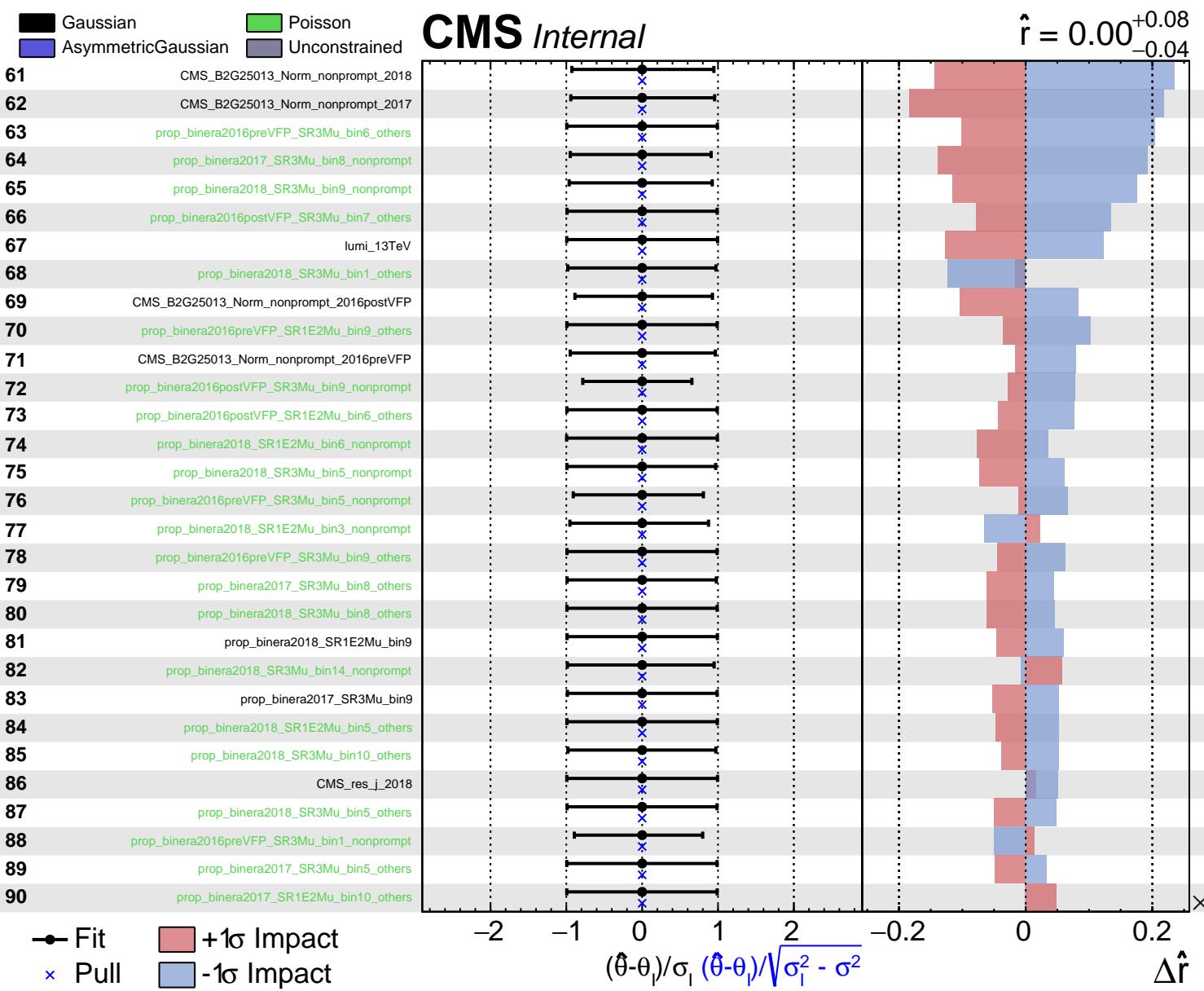


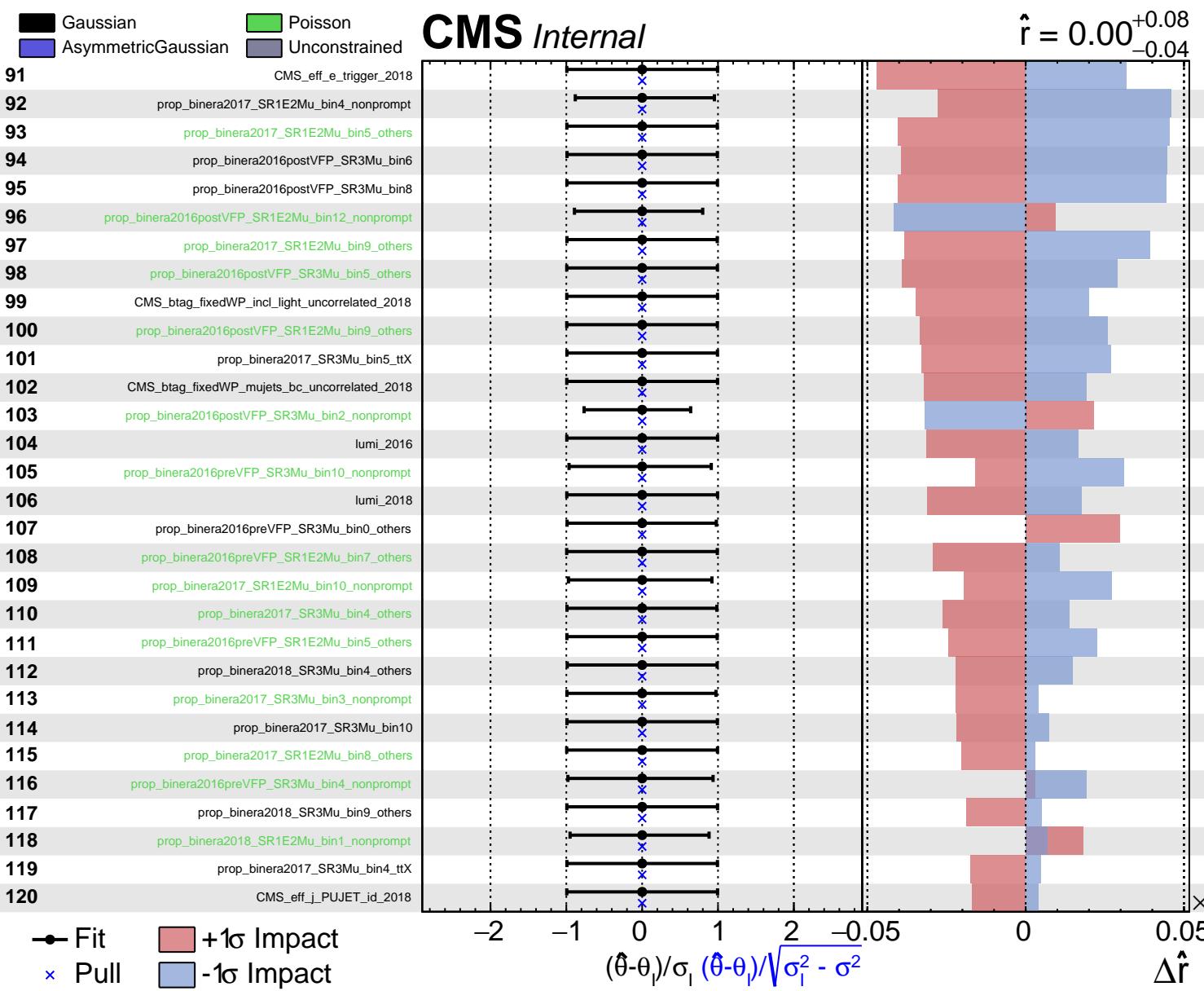
● Fit +1σ Impact
 ✕ Pull -1σ Impact

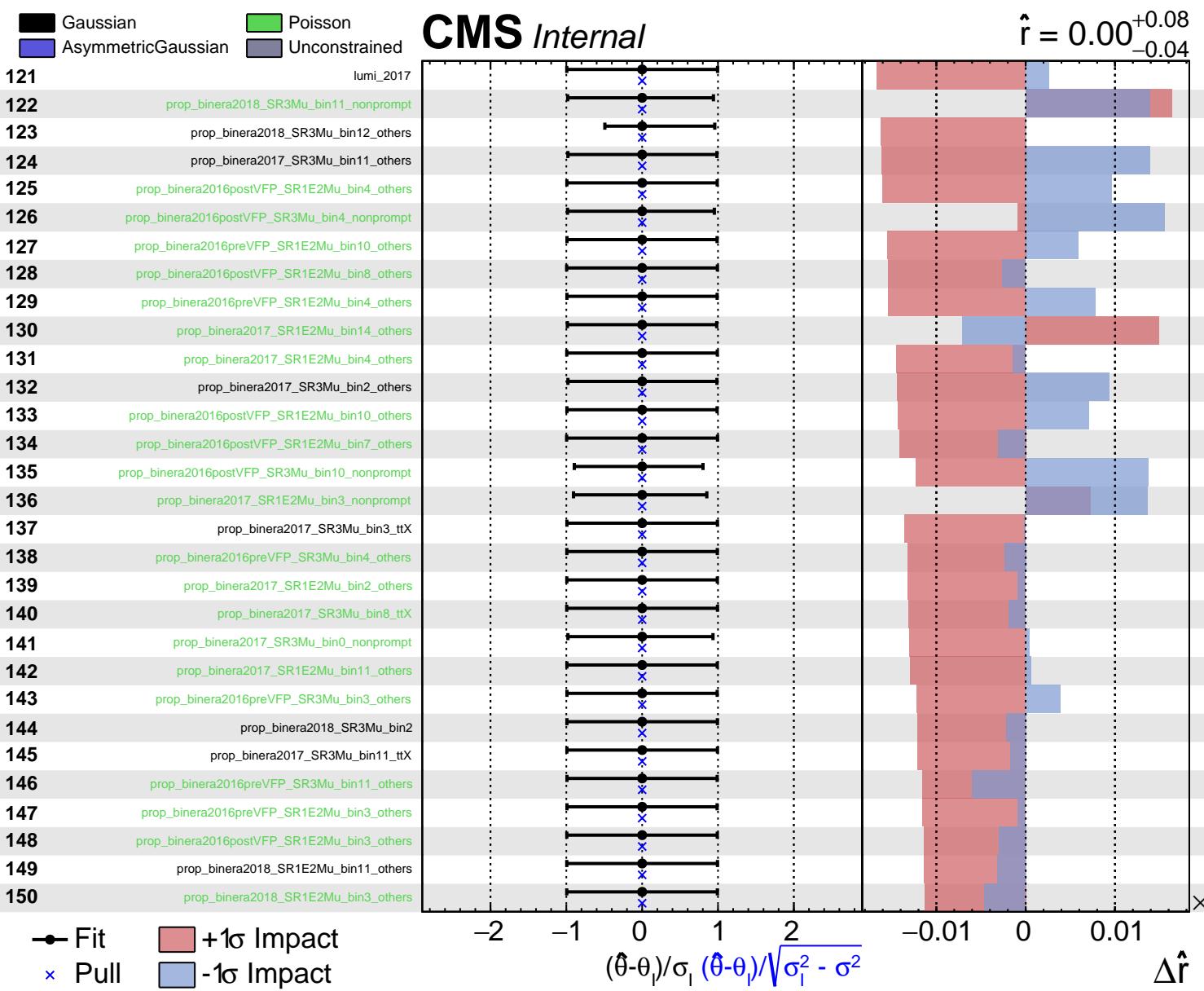
$$(\theta - \theta_i) / \sigma_i \quad (\theta - \theta_i) / \sqrt{\sigma_i^2 - \sigma^2}$$

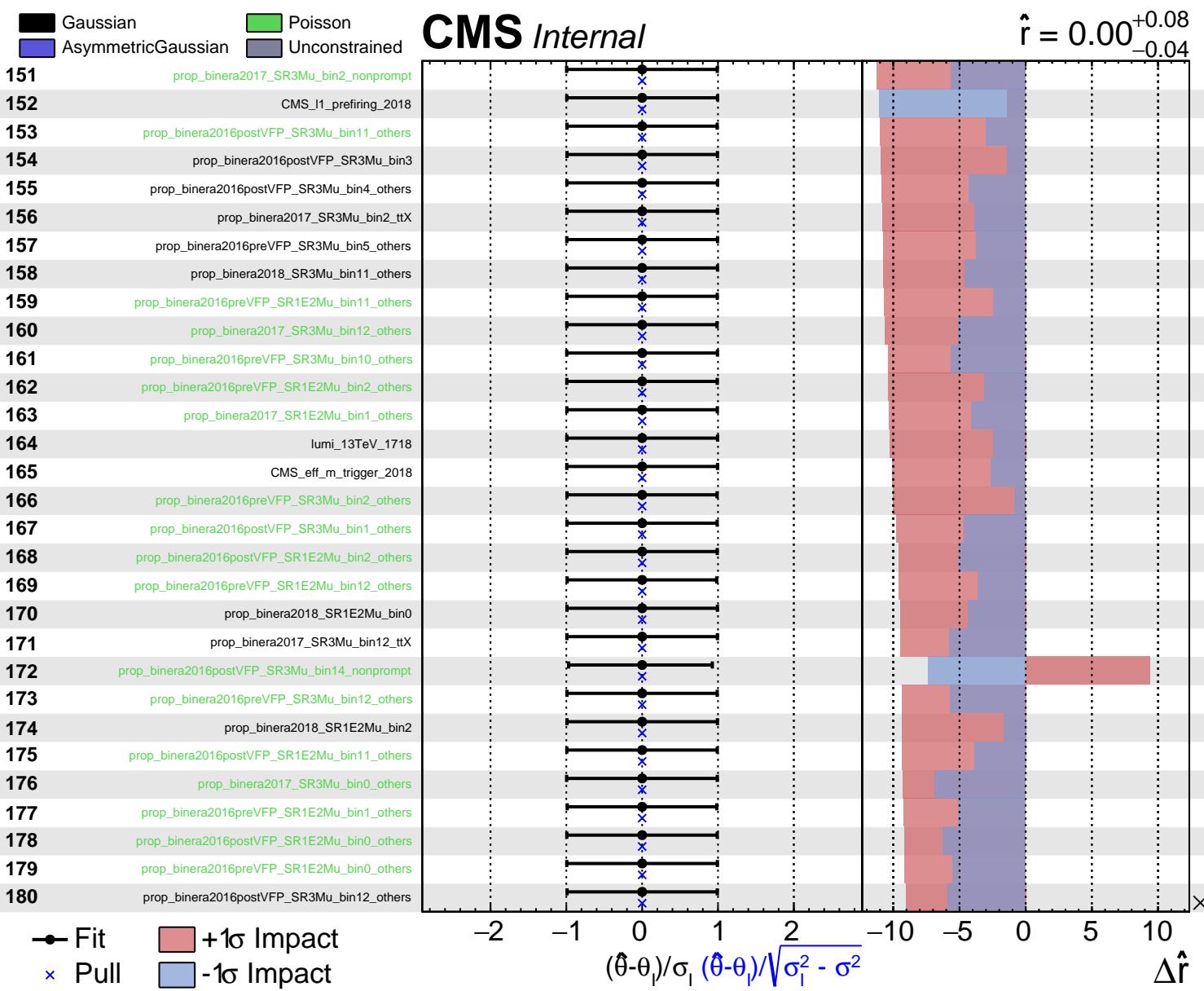
$$\Delta \hat{r}$$

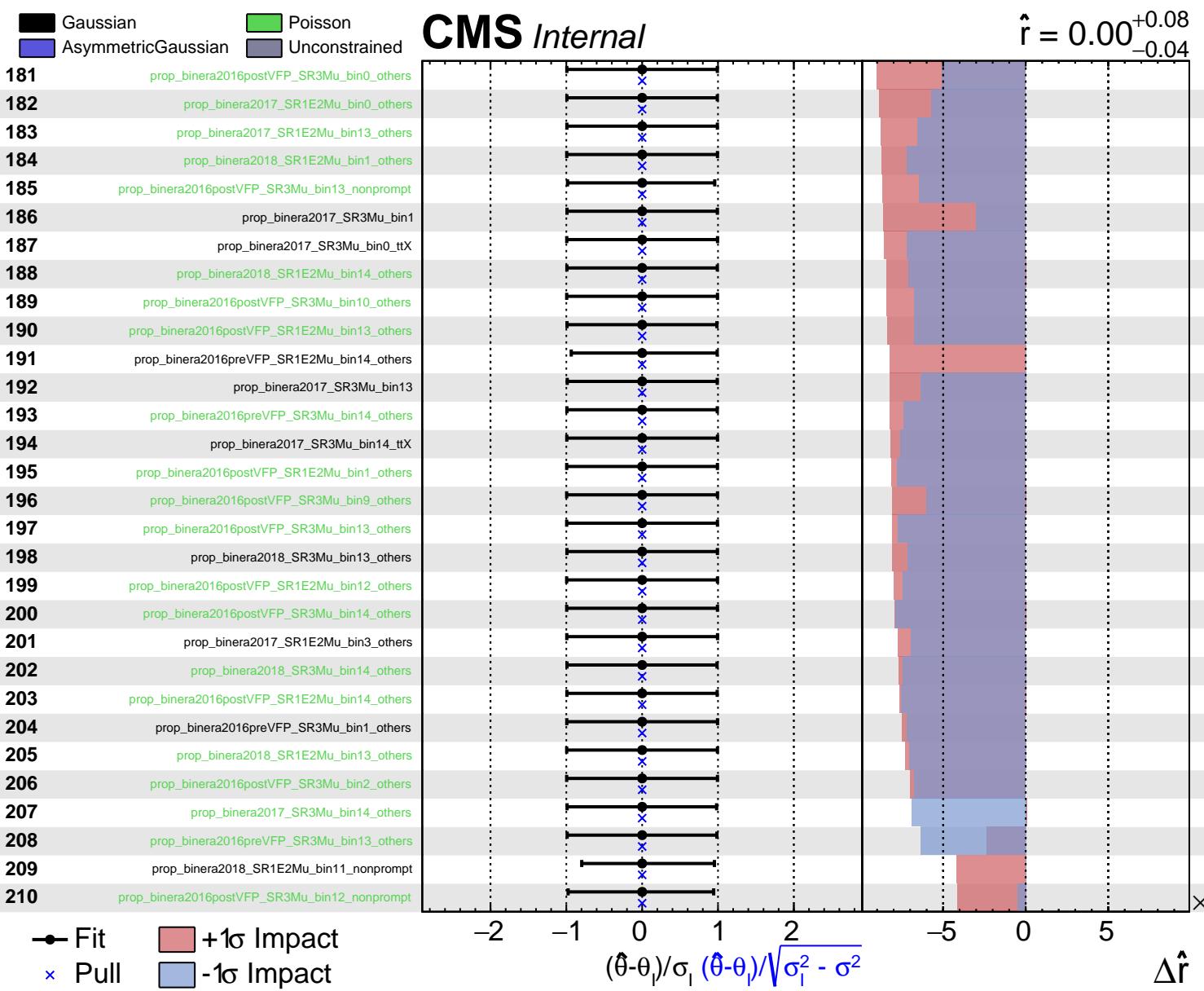


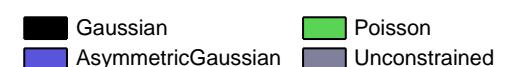




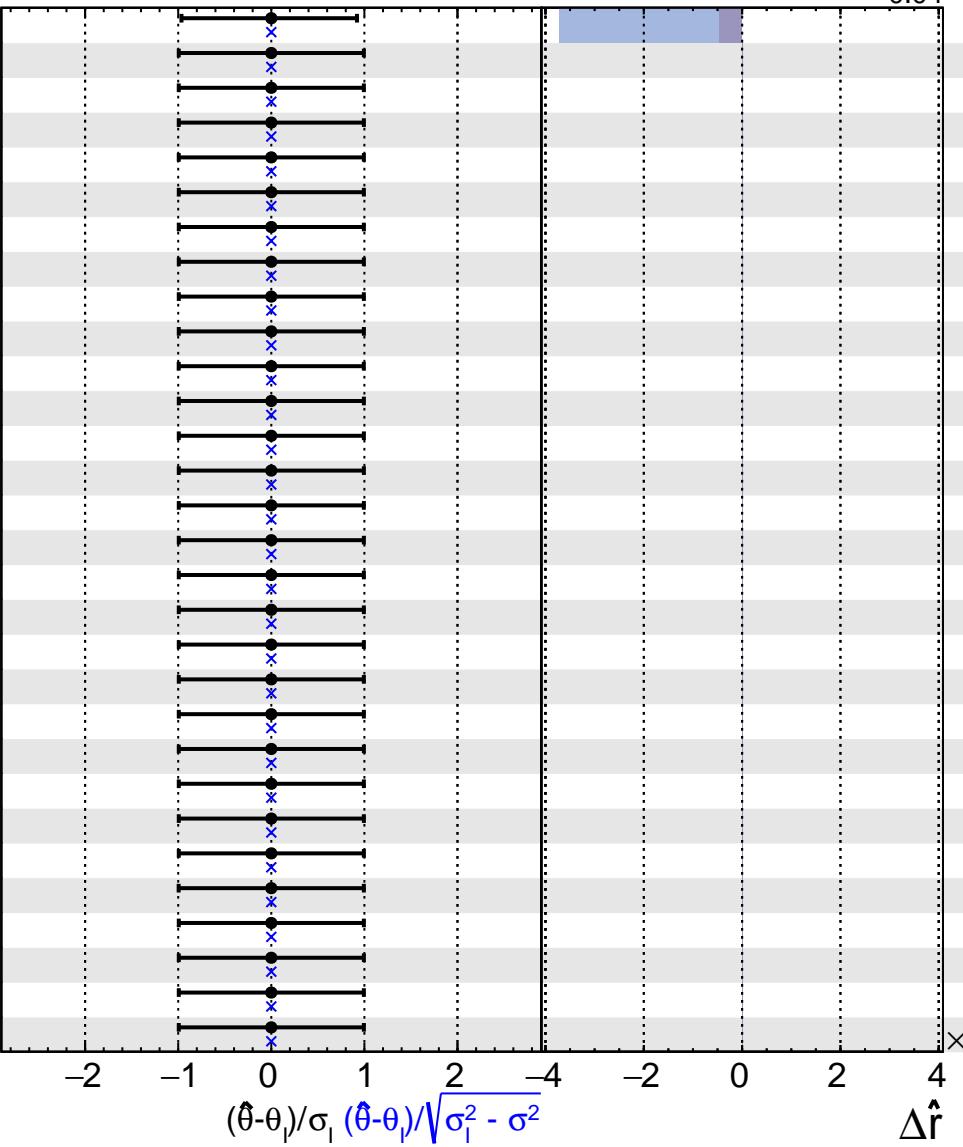


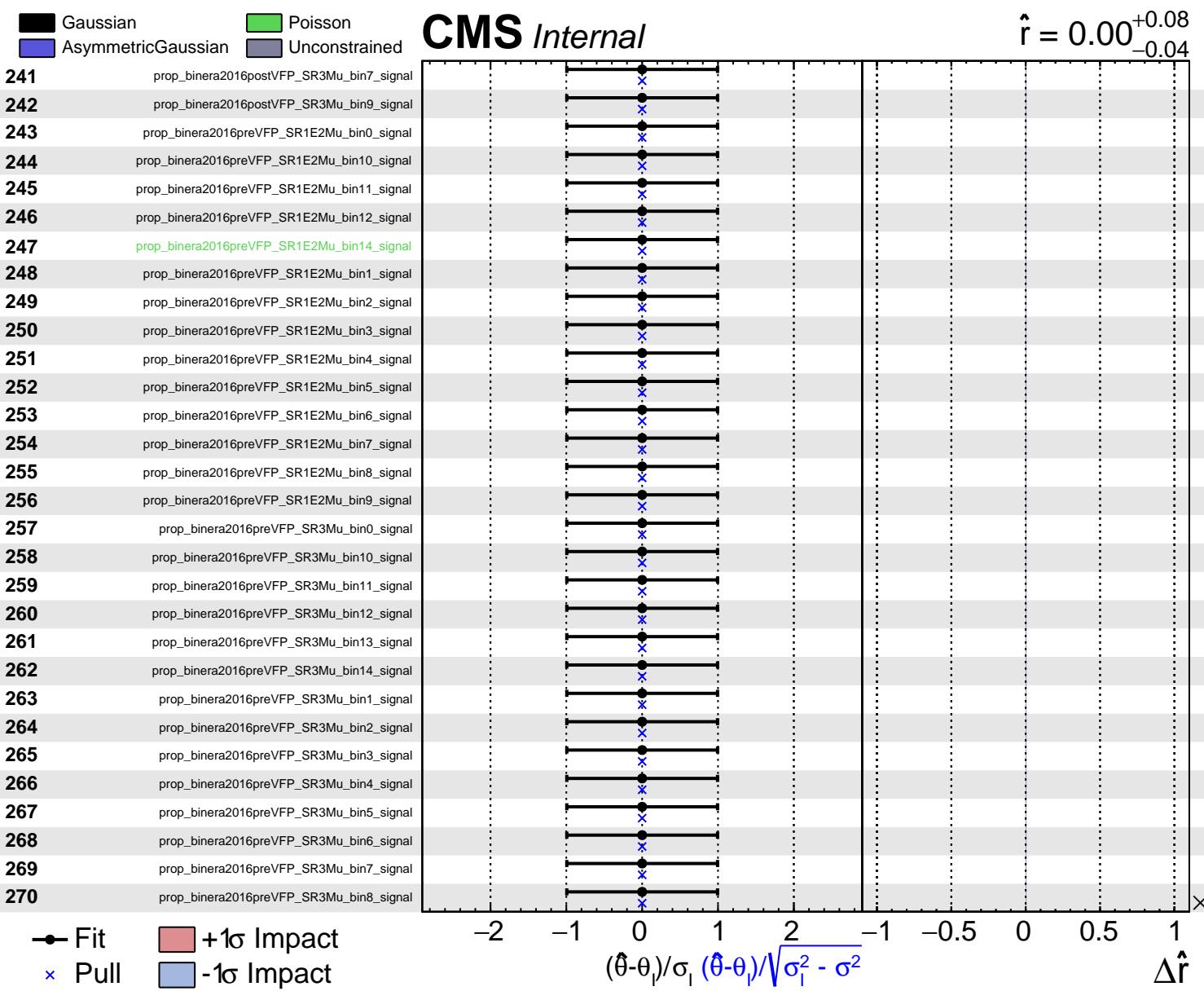


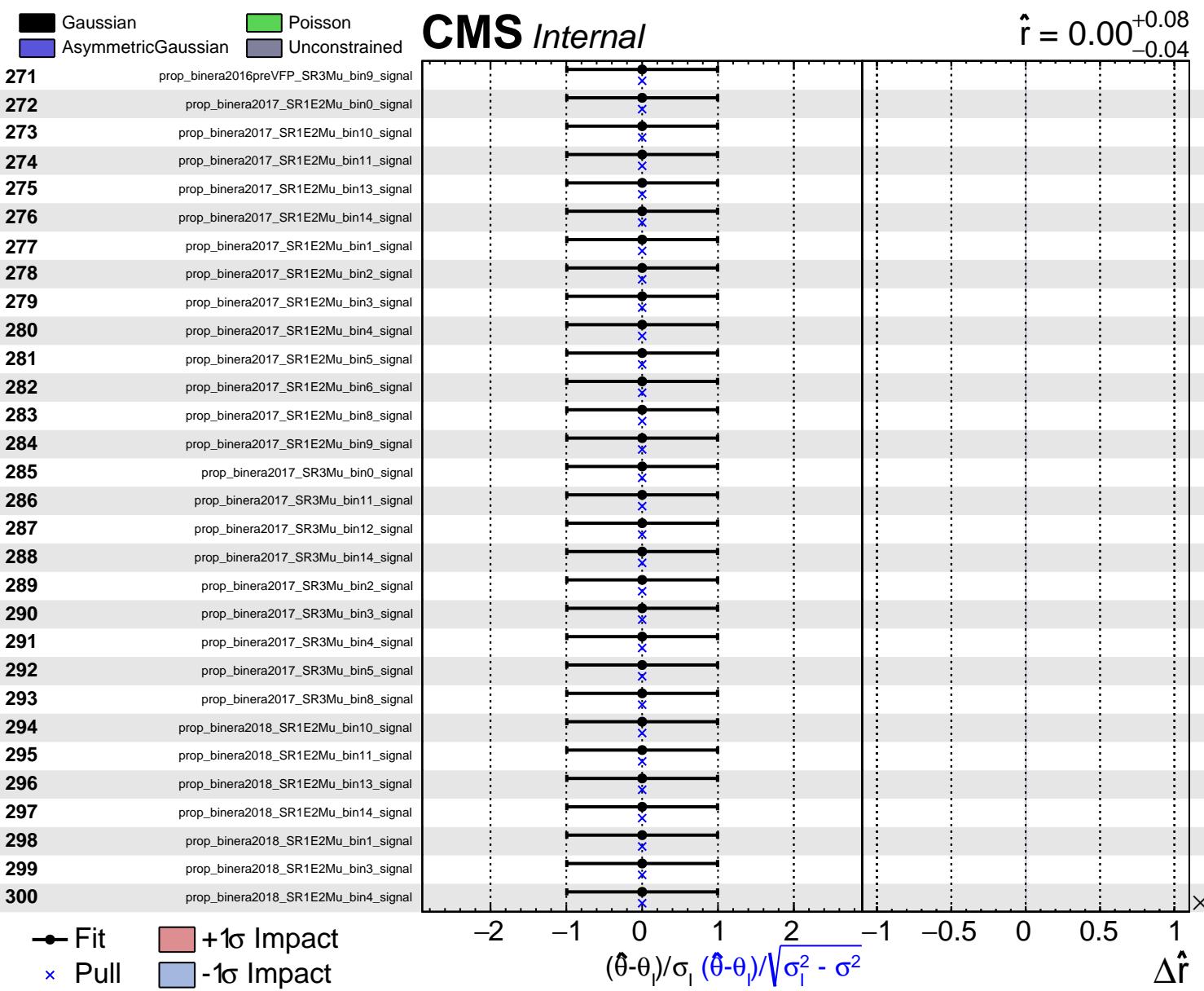




211 prop_binera2016postVFP_SR1E2Mu_bin1_nonprompt
 212 CMS_scale_met_unclustered_energy_2018
 213 QCDscale_BSMsignal
 214 pdf_00
 215 pdf_alphas
 216 prop_binera2016postVFP_SR1E2Mu_bin0_signal
 217 prop_binera2016postVFP_SR1E2Mu_bin10_signal
 218 prop_binera2016postVFP_SR1E2Mu_bin11_signal
 219 prop_binera2016postVFP_SR1E2Mu_bin12_signal
 220 prop_binera2016postVFP_SR1E2Mu_bin13_signal
 221 prop_binera2016postVFP_SR1E2Mu_bin14_signal
 222 prop_binera2016postVFP_SR1E2Mu_bin1_signal
 223 prop_binera2016postVFP_SR1E2Mu_bin2_signal
 224 prop_binera2016postVFP_SR1E2Mu_bin3_signal
 225 prop_binera2016postVFP_SR1E2Mu_bin4_signal
 226 prop_binera2016postVFP_SR1E2Mu_bin5_signal
 227 prop_binera2016postVFP_SR1E2Mu_bin6_signal
 228 prop_binera2016postVFP_SR1E2Mu_bin7_signal
 229 prop_binera2016postVFP_SR1E2Mu_bin8_signal
 230 prop_binera2016postVFP_SR1E2Mu_bin9_signal
 231 prop_binera2016postVFP_SR3Mu_bin0_signal
 232 prop_binera2016postVFP_SR3Mu_bin10_signal
 233 prop_binera2016postVFP_SR3Mu_bin11_signal
 234 prop_binera2016postVFP_SR3Mu_bin12_signal
 235 prop_binera2016postVFP_SR3Mu_bin13_signal
 236 prop_binera2016postVFP_SR3Mu_bin14_signal
 237 prop_binera2016postVFP_SR3Mu_bin1_signal
 238 prop_binera2016postVFP_SR3Mu_bin2_signal
 239 prop_binera2016postVFP_SR3Mu_bin4_signal
 240 prop_binera2016postVFP_SR3Mu_bin5_signal









CMS Internal

$$\hat{r} = 0.00^{+0.08}_{-0.04}$$

301	prop_binera2018_SR1E2Mu_bin5_signal
302	prop_binera2018_SR1E2Mu_bin6_signal
303	prop_binera2018_SR1E2Mu_bin8_signal
304	prop_binera2018_SR3Mu_bin0_signal
305	prop_binera2018_SR3Mu_bin10_signal
306	prop_binera2018_SR3Mu_bin11_signal
307	prop_binera2018_SR3Mu_bin12_signal
308	prop_binera2018_SR3Mu_bin13_signal
309	prop_binera2018_SR3Mu_bin14_signal
310	prop_binera2018_SR3Mu_bin1_signal
311	prop_binera2018_SR3Mu_bin3_signal
312	prop_binera2018_SR3Mu_bin4_signal
313	prop_binera2018_SR3Mu_bin5_signal
314	prop_binera2018_SR3Mu_bin8_signal
315	prop_binera2018_SR3Mu_bin9_signal
316	ps_fsr
317	ps_isr

