CMS *Internal*

$\hat{r} = 1.00^{+0.08}_{-0.08}$

Legend:
- Unconstrained
- Poisson
- Gaussian
- AsymmetricGaussian

#	Parameter	Value
31	qcdmu_norm2016fail	
32	sr2016failmass40to120recoil1_zjets_bin6	2102^{+31}_{-31}
33	sr2016failmass40to120recoil2_zjets_bin4	614^{+20}_{-21}
34	sr2017failmass120to300recoil0_zjets_bin1	8150^{+90}_{-90}
35	sr2018failmass40to120recoil0_zjets_bin4	4700^{+80}_{-80}
36	sr2017failmass120to300recoil0_zjets_bin2	8530^{+120}_{-130}
37	sr2018failmass40to120recoil0_zjets_bin5	4540^{+60}_{-70}
38	sr2018failmass40to120recoil0_zjets_bin6	8970^{+90}_{-100}
39	sr2018failmass120to300recoil0_zjets_bin0	12300^{+100}_{-110}
40	sr2016failmass40to120recoil0_zjets_bin1	4380^{+50}_{-50}
41	sr2017failmass40to120recoil0_zjets_bin6	7400^{+80}_{-80}
42	sr2018failmass120to300recoil1_zjets_bin2	5070^{+60}_{-60}
43	sr2017failmass40to120recoil0_zjets_bin4	3920^{+70}_{-70}
44	tf_dataResidualZ2016_recoil_par0_fjmass_par	$1.00^{+0.07}_{-0.07}$
45	CMS_scale_j_2018	
46	sr2017failmass120to300recoil0_zjets_bin0	10230^{+90}_{-90}
47	sr2016failmass40to120recoil0_zjets_bin0	4730^{+50}_{-50}
48	tf_dataResidualZ2016_recoil_par0_fjmass_par0	$1.00^{+0.04}_{-0.04}$
49	lumi_13TeV_correlated	
50	trig_met2016	
51	sr2018failmass120to300recoil0_zjets_bin3	2780^{+40}_{-40}
52	sr2016failmass40to120recoil2_zjets_bin3	668^{+18}_{-18}
53	sr2017failmass40to120recoil0_zjets_bin5	3830^{+60}_{-60}
54	sr2018failmass40to120recoil0_zjets_bin3	4940^{+70}_{-70}
55	sr2017failmass120to300recoil1_zjets_bin2	4200^{+50}_{-50}
56	sr2018failmass120to300recoil1_zjets_bin1	3560^{+40}_{-40}
57	sr2017failmass40to120recoil0_zjets_bin3	4150^{+60}_{-60}
58	CMS_scale_j_2017	
59	tt_norm2018fail	
60	sr2016failmass40to120recoil2_zjets_bin6	1031^{+20}_{-20}

Legend:
- ● Fit
- ✕ Pull
- +1σ Impact
- -1σ Impact

$(\hat{\theta}-\theta_I)/\sigma_I$ $(\hat{\theta}-\theta_I)/\sqrt{\sigma_I^2 - \sigma^2}$

$\Delta\hat{r}$