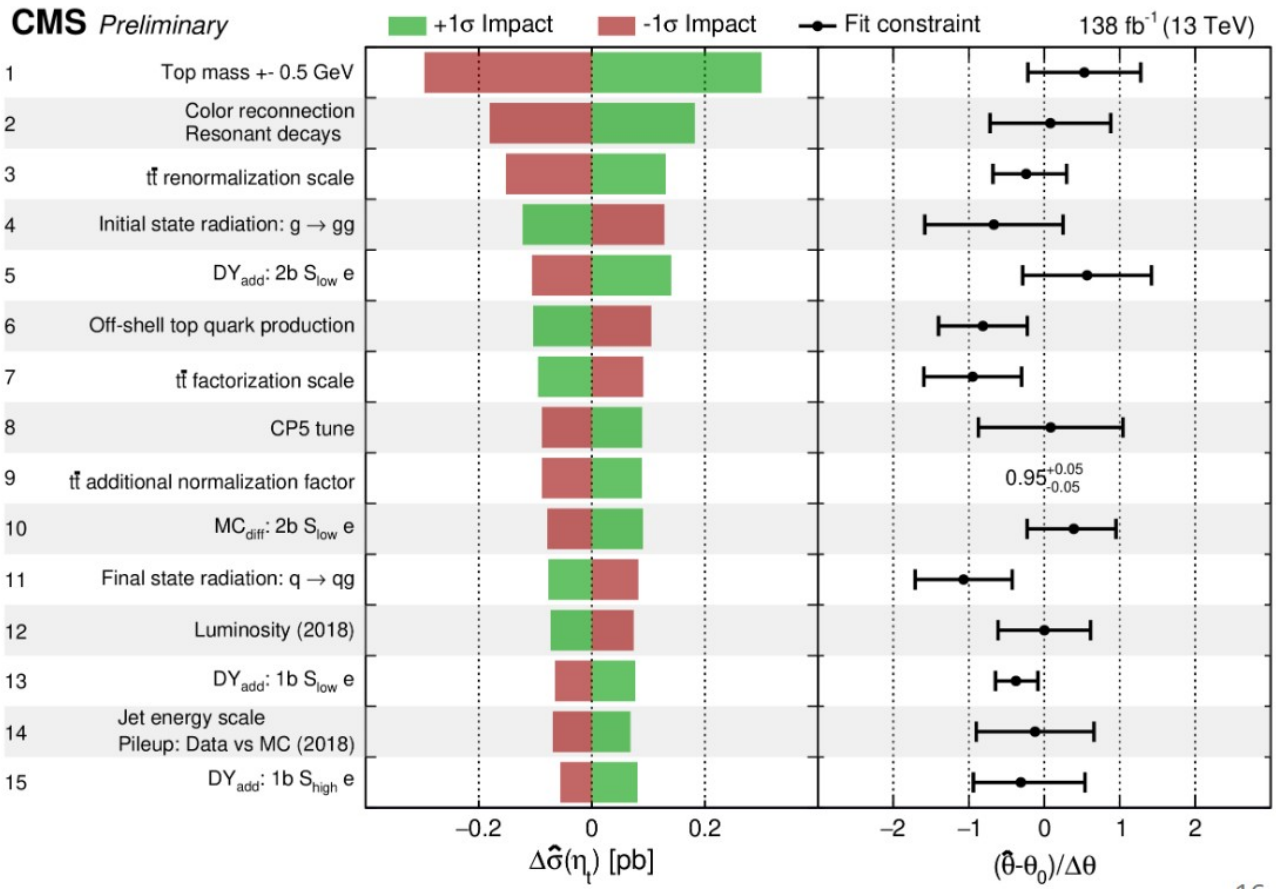
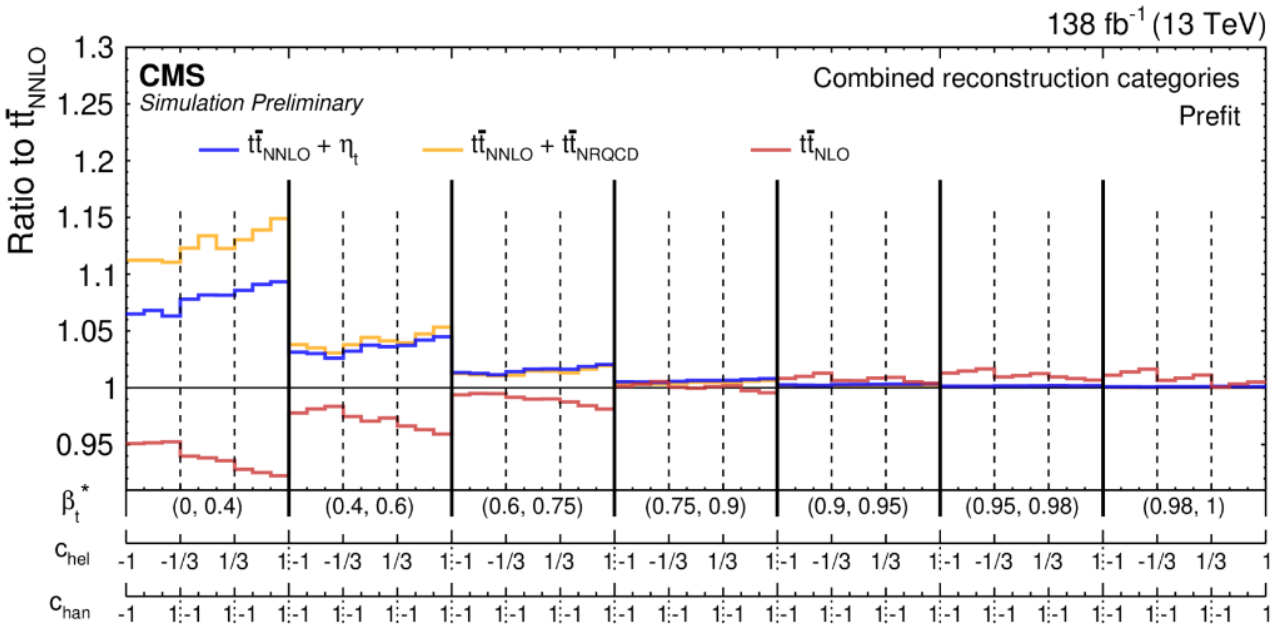
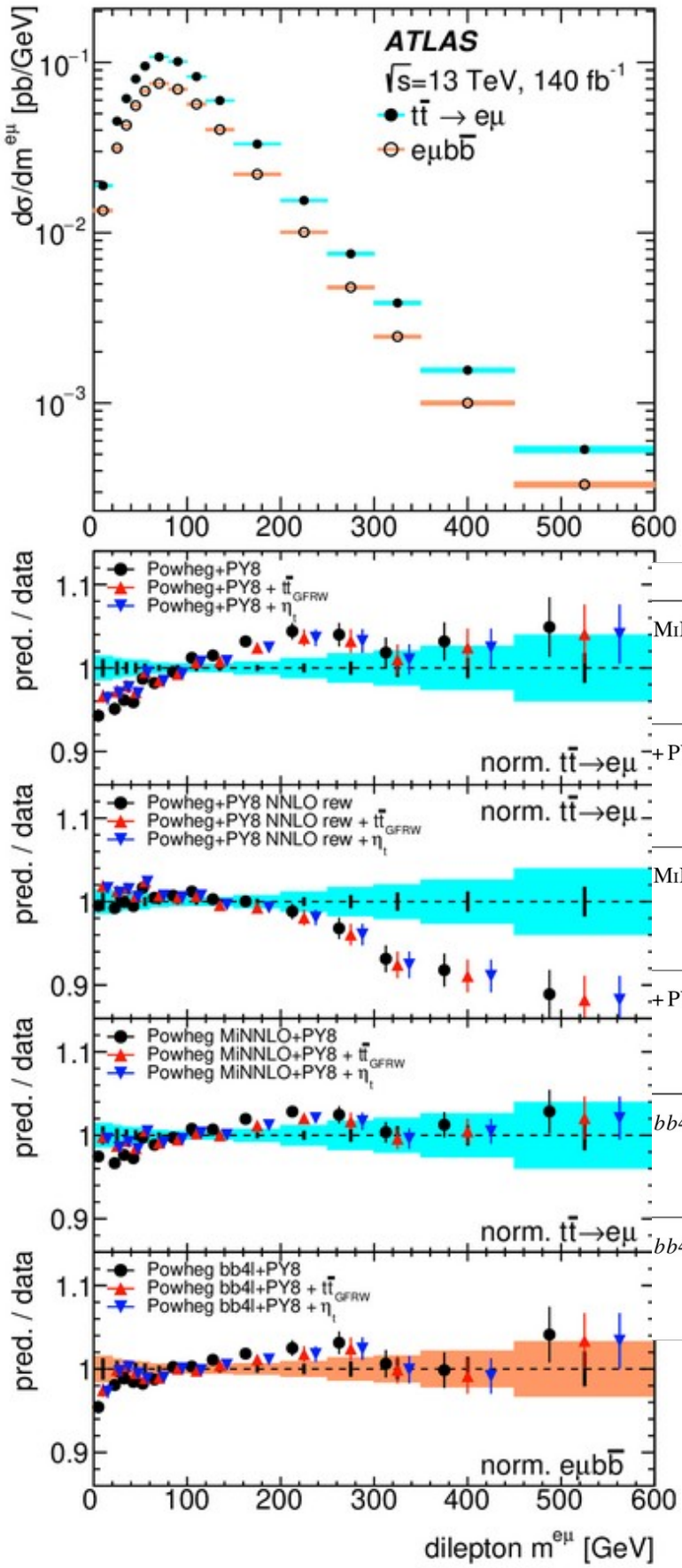
Morion QCD talk





https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/PAPERS/TOPQ-2024-12/



	Distribution	N_{dof}	χ^2_{min}	μ
MiNNLO + PY8 + $t\bar{t}_{\mathrm{GFRW}}$	$m^{e\mu}$	13	16.2	$1.22^{+0.38}_{-0.38}$
	$\Delta\phi^{e\mu}$	18	14.5	$2.10^{+0.95}_{-0.78}$
	$\Delta\phi^{e\mu} \times m^{e\mu}$	38	43.2	$0.81^{+0.32}_{-0.31}$
+ PY8 NNLO rew + $t\bar{t}_{\mathrm{GFRW}}$	$m^{e\mu}$	13	23.8	$1.02^{+0.34}_{-0.33}$
	$\Delta\phi^{e\mu}$	18	16.3	$0.18^{+0.51}_{-0.48}$
	$\Delta\phi^{e\mu} \times m^{e\mu}$	38	67.4	$0.62^{+0.34}_{-0.33}$
MiNNLO + PY8 + η_t	$m^{e\mu}$	13	15.8	$1.38^{+0.40}_{-0.41}$
	$\Delta\phi^{e\mu}$	18	14.2	$2.45^{+0.93}_{-0.85}$
	$\Delta\phi^{e\mu} \times m^{e\mu}$	38	43.4	$0.86^{+0.33}_{-0.33}$
+ PY8 NNLO rew + η_t	$m^{e\mu}$	13	23.6	$1.14^{+0.37}_{-0.37}$
	$\Delta\phi^{e\mu}$	18	16.4	$0.19^{+0.54}_{-0.52}$
	$\Delta\phi^{e\mu} \times m^{e\mu}$	38	68.4	$0.54^{+0.35}_{-0.34}$
$bb4l$ + PY8 + $t\bar{t}_{\mathrm{GFRW}}$	$m^{e\mu}$	13	14.0	$1.19^{+0.44}_{-0.45}$
	$\Delta\phi^{e\mu}$	18	19.9	$1.25^{+1.04}_{-1.02}$
	$\Delta\phi^{e\mu} \times m^{e\mu}$	38	63.9	$0.60^{+0.43}_{-0.42}$
$bb4l$ + PY8 + η_t	$m^{e\mu}$	13	13.7	$1.34^{+0.47}_{-0.49}$
	$\Delta\phi^{e\mu}$	18	19.8	$1.44^{+1.10}_{-1.13}$
	$\Delta\phi^{e\mu} \times m^{e\mu}$	38	64.3	$0.58^{+0.44}_{-0.44}$