

	POWHEG+PYTHIA8		POWHEG+HERWIG++		MG5_aMC@NLO+PYTHIA8	
	χ^2/ndof	p-val.	χ^2/ndof	p-val.	χ^2/ndof	p-val.
p_T^t	63/5	$< 10^{-3}$	10/5	0.087	28/5	$< 10^{-3}$
$p_T^{\bar{t}}$	386/5	$< 10^{-3}$	83/5	$< 10^{-3}$	197/5	$< 10^{-3}$
p_T^t (leading)	147/5	$< 10^{-3}$	18/5	0.003	90/5	$< 10^{-3}$
p_T^t (trailing)	160/5	$< 10^{-3}$	41/5	$< 10^{-3}$	68/5	$< 10^{-3}$
p_T^t ($t\bar{t}$ r.f.)	96/5	$< 10^{-3}$	13/5	0.019	45/5	$< 10^{-3}$
$p_T^{\bar{t}}$ ($t\bar{t}$ r.f.)	96/5	$< 10^{-3}$	13/5	0.019	45/5	$< 10^{-3}$
y_t	12/9	0.222	9/9	0.408	7/9	0.665
$y_{\bar{t}}$	7/9	0.665	5/9	0.831	4/9	0.928
y_t (leading)	3/7	0.859	3/7	0.899	5/7	0.707
y_t (trailing)	7/7	0.467	5/7	0.613	4/7	0.775
$p_T^{t\bar{t}}$	25/5	$< 10^{-3}$	180/5	$< 10^{-3}$	16/5	0.007
$y_{t\bar{t}}$	4/9	0.906	4/9	0.893	4/9	0.886
$m_{t\bar{t}}$	171/6	$< 10^{-3}$	5/6	0.532	30/6	$< 10^{-3}$
$\Delta y $ (t, \bar{t})	2/7	0.932	4/7	0.732	7/7	0.391
$\Delta\phi$ (t, \bar{t})	0/3	0.970	19/3	$< 10^{-3}$	3/3	0.433