

	POWHEG+PYTHIA		POWHEG+HERWIG++		MG5_aMC@NLO+PYTHIA[FxFx]	
	$\chi^2/\text{dof}$	$p$ -value	$\chi^2/\text{dof}$	$p$ -value	$\chi^2/\text{dof}$	$p$ -value
$p_T^t$	51/6	$< 10^{-3}$	8/6	0.239	18/6	0.007
$p_T^{\bar{t}}$	41/6	$< 10^{-3}$	9/6	0.157	14/6	0.026
$p_T^t$ (leading)	47/6	$< 10^{-3}$	4/6	0.627	20/6	0.003
$p_T^t$ (trailing)	38/6	$< 10^{-3}$	16/6	0.012	9/6	0.150
$p_T^t$ ( $t\bar{t}$ RF)	40/6	$< 10^{-3}$	11/6	0.077	13/6	0.046
$y_t$	5/10	0.864	5/10	0.885	4/10	0.936
$y_{\bar{t}}$	2/10	0.991	2/10	0.992	3/10	0.983
$y_t$ (leading)	3/8	0.948	2/8	0.966	3/8	0.924
$y_t$ (trailing)	3/8	0.956	3/8	0.912	2/8	0.976
$\Delta y (t, \bar{t})$	1/8	0.995	3/8	0.902	4/8	0.849
$\Delta\phi(t, \bar{t})$	0/4	0.980	3/4	0.607	2/4	0.741
$p_T^{t\bar{t}}$	22/6	0.001	36/6	$< 10^{-3}$	12/6	0.054
$y_{t\bar{t}}$	4/10	0.967	4/10	0.945	5/10	0.891
$m_{t\bar{t}}$	12/7	0.109	3/7	0.906	6/7	0.533