

	POWHEG+PYTHIA		POWHEG+HERWIG++		MG5_aMC@NLO+PYTHIA[FXFX]	
	χ^2/dof	p -value	χ^2/dof	p -value	χ^2/dof	p -value
p_T^t	43/5	$< 10^{-3}$	6/5	0.269	21/5	$< 10^{-3}$
$p_T^{\bar{t}}$	35/5	$< 10^{-3}$	7/5	0.257	18/5	0.003
p_T^t (leading)	42/5	$< 10^{-3}$	3/5	0.650	25/5	$< 10^{-3}$
p_T^t (trailing)	44/5	$< 10^{-3}$	14/5	0.016	18/5	0.003
p_T^t ($t\bar{t}$ RF)	32/5	$< 10^{-3}$	7/5	0.209	16/5	0.008
y_t	6/9	0.723	6/9	0.758	5/9	0.825
$y_{\bar{t}}$	3/9	0.976	3/9	0.974	3/9	0.966
y_t (leading)	3/7	0.862	3/7	0.899	4/7	0.820
y_t (trailing)	3/7	0.897	4/7	0.795	2/7	0.965
$p_T^{t\bar{t}}$	24/5	$< 10^{-3}$	83/5	$< 10^{-3}$	16/5	0.007
$y_{t\bar{t}}$	3/9	0.951	4/9	0.916	4/9	0.940
$m_{t\bar{t}}$	17/6	0.009	2/6	0.882	6/6	0.382
$\Delta y (t, \bar{t})$	1/7	0.987	3/7	0.899	4/7	0.738
$\Delta\phi(t, \bar{t})$	0/3	0.978	2/3	0.503	2/3	0.633