

	$E_{\text{T}}^{\text{miss}}$	$p_{\text{T}}(\ell)$	$M_{\text{T}2}^{\text{W}}$	$N(\text{jets})$	$p_{\text{T}}(\mathbf{j}_1)$	$p_{\text{T}}(\mathbf{b}_1)$	$H_{\text{T}}$	$H_{\text{T}}^{\text{frac}}$	$\Delta R$	$\Delta\phi$	$\chi_{\text{had}}^2$	$M(\ell\mathbf{b})$	$M(3\text{jet})$
<b>tt:</b>													
$\Delta m < m(\text{t})$	✓	✓		✓		✓		✓		✓		✓	
$\Delta m \geq m(\text{t})$	✓	✓	✓	✓	✓			✓	✓	✓	✓		
<b>bbWW:</b>													
$x = 0.25, 0.50$	✓	✓	✓	✓		✓			✓	✓		✓	✓
$x = 0.75$	✓	✓	✓	✓	✓		✓			✓		✓	✓