

Prongs	Process $A \rightarrow BC$	Comparison method	Improvement factors in expected sensitivities		
			95% CL limit	95% CL limit	5σ discovery
			$m_A = 3 \text{ TeV}$	$m_A = 5 \text{ TeV}$	$m_A = 3 \text{ TeV}$
2+2	$X \rightarrow YY' \rightarrow 4q$	2-prong (τ_{21}, m_{SD})	1.8 (<i>QUAK</i>)	1.4 (<i>CATHODE</i>)	2.9 (<i>CATHODE</i>)
3+3	$W' \rightarrow B't \rightarrow bZt$	3-prong (τ_{32}, m_{SD})	1.3 (<i>TNT</i>)	1.2 (<i>TNT</i>)	2.1 (<i>TNT</i>)
4+2	$W_{\text{KK}} \rightarrow RW \rightarrow 3W$	Inclusive	1.5 (<i>CWoLa Hunting</i>)	1.4 (<i>TNT</i>)	2.6 (<i>CWoLa Hunting</i>)
6+6	$G_{\text{KK}} \rightarrow HH \rightarrow 4t$	3-prong (τ_{32}, m_{SD})	2.5 (<i>VAE-QR</i>)	1.3 (<i>TNT</i>)	2.9 (<i>TNT</i>)