

Cut level	CMS data	SM multijet	$\kappa_0 = 0.67$	$\kappa_0 = 0.58$
All events	–	1.0	1.0	1.0
Pass H_T trigger	137418086	0.148	0.997	0.997
Vertex quality	137219515	0.148	0.995	0.996
p_T^{miss} event quality filter	135608585	0.147	0.977	0.966
4 jets with $p_T > 100$ GeV	25385580	2.48×10^{-2}	0.901	0.884
Pass additional H_T requirement	7484355	6.70×10^{-3}	0.898	0.880
4 jets passing jet-track association	4071695	3.30×10^{-3}	0.690	0.676
Pass additional jet p_T selection	2134713	1.78×10^{-3}	0.610	0.594
≥ 1 EJ-tagged jet	3724	1.83×10^{-6}	0.602	0.580
≥ 2 EJ-tagged jet	5	2.05×10^{-9}	0.518	0.473