

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
$p_T^{\text{miss}}$ event quality filter	135608585	0.147	0.977	0.966
4 jets with $p_T > 100$ GeV	25385580	$2.48 \times 10^{-2}$	0.901	0.884
Pass additional $H_T$ requirement	15109845	$1.36 \times 10^{-2}$	0.900	0.883
4 jets passing jet-track association	8006588	$6.64 \times 10^{-3}$	0.547	0.503
Pass additional jet $p_T$ selection	904235	$7.95 \times 10^{-4}$	0.344	0.302
$\geq 1$ EJ-tagged jet	2219	$1.49 \times 10^{-6}$	$9.85 \times 10^{-2}$	$3.34 \times 10^{-2}$
$\geq 2$ EJ-tagged jet	2	$2.19 \times 10^{-9}$	$1.24 \times 10^{-2}$	$1.31 \times 10^{-2}$