

Cut level	CMS data	SM multijet	$c\tau_{\pi_{\text{dark}}} = 25 \text{ GeV}$	$c\tau_{\pi_{\text{dark}}} = 45 \text{ GeV}$
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 $p_T > 100 \text{ GeV}$	25385580	2.48×10^{-2}	0.901	0.884
Pass additional H_T requirement	1944954	1.78×10^{-3}	0.874	0.850
4 jets passing jet-track association	1067205	8.66×10^{-4}	0.675	0.657
Pass additional jet p_T selection	936525	7.65×10^{-4}	0.659	0.639
≥ 1 EJ-tagged jet	4203	2.00×10^{-6}	0.653	0.631
≥ 2 EJ-tagged jet	9	2.72×10^{-9}	0.585	0.556