

Selections	Observed events	Signal efficiency (%)		
		$m_\chi = 1000 \text{ GeV}$		
		$c\tau_0$		
		3 mm	30 mm	300 mm
Displaced-jet triggers, offline H_T selections	17758640	69.4	91.2	80.5
Offline jet p_T and η selections, vertex $\chi^2/n_{\text{dof}} < 5.0$	8387775	68.9	90.7	73.5
Vertex $p_T > 8 \text{ GeV}$	3794960	68.2	90.3	69.4
Vertex invariant mass $> 4 \text{ GeV}$	1129531	66.5	89.3	61.6
Second largest Sig[IP _{2D}] > 15	422449	66.0	89.0	60.9
Charged energy fraction from the SV $\epsilon > 0.15$	93873	64.3	87.6	58.4
Energy fraction from the PVs $\zeta < 0.20$	15891	63.6	86.9	57.9
Veto using the NI-veto map	13721	63.6	84.9	55.4
$N_{\text{tracks}}^{3D} < 3$ for each jet	2753	54.6	76.4	48.4
GBDT > 0.988	1	51.5	73.5	42.5