

Selection	$c\tau = 1 \text{ mm}$		$c\tau = 10 \text{ mm}$		$c\tau = 100 \text{ mm}$		$c\tau = 1000 \text{ mm}$	
	Cut (%)	Total (%)	Cut (%)	Total (%)	Cut (%)	Total (%)	Cut (%)	Total (%)
Generator filters	15%							
p_T^{miss} filters	99.98	99.98	99.97	99.97	99.99	99.99	99.98	99.98
HEM veto	95.81	95.79	95.85	95.82	96.11	96.10	96.19	96.18
Trigger	24.92	23.87	25.25	24.20	25.08	24.10	25.95	24.96
$p_T^{\text{miss}} > 200 \text{ GeV}$	21.42	5.11	21.88	5.29	28.84	6.95	31.68	7.91
$ 1 - \text{PFMET}/\text{CaloMET} < 1$	99.48	5.09	99.42	5.26	99.30	6.90	99.27	7.85
$0 < N_{\text{jets}} < 3$	65.03	3.31	63.20	3.33	63.45	4.38	65.35	5.13
$N_{\text{jets}}^{\text{b-tagged}} = 0$	95.54	3.16	95.42	3.17	96.26	4.21	95.59	4.91
Leading jet $ \eta < 2.5$	96.16	3.04	94.37	3.00	94.49	3.98	94.78	4.65
Leading jet $p_T > 80 \text{ GeV}$	97.32	2.96	97.42	2.92	97.44	3.88	97.29	4.53
$ \Delta\phi(\vec{p}_T^{\text{miss}}, \vec{p}_T^{\text{leading jet}}) < 1.5$	99.63	2.95	99.47	2.90	99.37	3.86	99.46	4.50
$ \Delta\phi(\vec{p}_T^{\text{miss}}, \vec{p}_T^{\text{subleading jet}}) < 0.75$	90.65	2.67	90.27	2.62	88.30	3.40	89.40	4.03
$N_{\text{dSA}} \geq 2$	37.87	1.01	40.74	1.07	29.30	1.00	5.82	0.23
$\cos \alpha_{\mu\mu} > -0.94$	94.12	0.95	94.01	1.00	96.01	0.96	90.57	0.21
Vertex $\chi^2/\text{dof} < 4$	54.40	0.52	49.67	0.50	48.73	0.47	50.00	0.11
$\Delta R(\mu\mu) < 0.9$	92.34	0.48	93.81	0.47	85.31	0.40	91.67	0.10
Muons opposite charge	97.70	0.47	95.28	0.45	92.78	0.37	93.18	0.09
$ \Delta\phi(\vec{p}_T^{\text{miss}}, \vec{p}_T^{\mu\mu}) < 0.5$	100.0	0.47	99.50	0.44	100.0	0.37	100.0	0.09