

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	56%							
p_T^{miss} filters	99.98	99.98	99.98	99.98	99.98	99.98	99.98	99.98
HEM veto	96.13	96.11	96.11	96.09	96.29	96.27	96.49	96.47
Trigger	38.38	36.89	38.29	36.79	37.92	36.51	37.71	36.38
$p_T^{\text{miss}} > 200 \text{ GeV}$	29.60	10.92	29.56	10.88	32.79	11.97	40.39	14.70
$ 1 - \text{PFMET}/\text{CaloMET} < 1$	99.73	10.89	99.71	10.84	99.61	11.92	99.51	14.62
$0 < N_{\text{jets}} < 3$	65.74	7.16	65.39	7.09	65.70	7.83	66.28	9.69
$N_{\text{jets}}^{\text{b-tagged}} = 0$	95.99	6.87	96.28	6.83	96.00	7.52	96.17	9.32
Leading jet $ \eta < 2.5$	96.26	6.61	95.84	6.54	96.05	7.22	95.70	8.92
Leading jet $p_T > 80 \text{ GeV}$	97.56	6.45	98.05	6.42	97.51	7.04	97.72	8.72
$ \Delta\phi(\vec{p}_T^{\text{miss}}, \vec{p}_T^{\text{leading jet}}) < 1.5$	99.62	6.43	99.74	6.40	99.69	7.02	99.63	8.68
$ \Delta\phi(\vec{p}_T^{\text{miss}}, \vec{p}_T^{\text{subleading jet}}) < 0.75$	93.90	6.04	93.55	5.99	93.30	6.55	93.69	8.14
$N_{\text{dSA}} \geq 2$	42.36	2.56	42.62	2.55	43.21	2.83	34.76	2.83
$\cos \alpha_{\mu\mu} > -0.94$	92.20	2.36	91.49	2.33	92.41	2.62	92.00	2.60
Vertex $\chi^2/\text{dof} < 4$	84.74	2.00	82.18	1.92	76.39	2.00	73.81	1.92
$\Delta R(\mu\mu) < 0.9$	72.13	1.44	73.51	1.41	73.60	1.47	73.05	1.40
Muons opposite charge	98.57	1.42	98.64	1.39	96.41	1.42	94.85	1.33
$ \Delta\phi(\vec{p}_T^{\text{miss}}, \vec{p}_T^{\mu\mu}) < 0.5$	76.59	1.09	77.38	1.08	78.35	1.11	79.99	1.06