

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	65%							
$p_T^{\text{miss}}$ filters	99.98	99.98	99.98	99.98	99.98	99.98	99.98	99.98
HEM veto	96.54	96.52	96.53	96.51	96.57	96.55	96.55	96.53
Trigger	34.13	32.94	34.24	33.04	33.93	32.76	33.86	32.68
$p_T^{\text{miss}} > 200 \text{ GeV}$	37.22	12.26	37.47	12.38	38.72	12.68	40.92	13.37
$ 1 - \text{PFMET}/\text{CaloMET}  < 1$	99.69	12.22	99.60	12.33	99.52	12.62	99.52	13.31
$0 < N_{\text{jets}} < 3$	66.45	8.12	66.25	8.17	66.36	8.38	66.13	8.80
$N_{\text{jets}}^{\text{b-tagged}} = 0$	96.11	7.81	96.25	7.86	96.00	8.04	96.44	8.49
Leading jet $ \eta  < 2.5$	96.10	7.50	96.13	7.56	95.93	7.72	95.79	8.13
Leading jet $p_T > 80 \text{ GeV}$	97.70	7.33	98.00	7.41	97.60	7.53	97.74	7.95
$ \Delta\phi(\vec{p}_T^{\text{miss}}, \vec{p}_T^{\text{leading jet}})  < 1.5$	99.66	7.31	99.62	7.38	99.64	7.50	99.66	7.92
$ \Delta\phi(\vec{p}_T^{\text{miss}}, \vec{p}_T^{\text{subleading jet}})  < 0.75$	94.02	6.87	94.11	6.95	94.20	7.07	94.00	7.45
$N_{\text{dSA}} \geq 2$	17.89	1.23	17.90	1.24	18.07	1.28	13.41	1.00
$\cos \alpha_{\mu\mu} > -0.94$	93.34	1.15	92.39	1.15	93.46	1.19	92.09	0.92
Vertex $\chi^2/\text{dof} < 4$	69.08	0.79	68.76	0.79	65.28	0.78	60.78	0.56
$\Delta R(\mu\mu) < 0.9$	90.55	0.72	89.78	0.71	90.10	0.70	81.87	0.46
Muons opposite charge	98.23	0.71	98.84	0.70	96.28	0.68	94.15	0.43
$ \Delta\phi(\vec{p}_T^{\text{miss}}, \vec{p}_T^{\mu\mu})  < 0.5$	92.53	0.65	92.29	0.65	91.13	0.62	88.61	0.38