

sel1 Yield

FCC Analyses: FCC Simulation Delphes

$\sqrt{s} = 240.0\text{GeV}$

FCC-ee

Delphes Version: 3.4.2

Signal : $e^+e^- \rightarrow ZH \rightarrow \mu^+\mu^- + X$

$L = 5.0\text{ab}^{-1}$

UNSCALED

Sample	Type	Raw	Yield	Yield %
['p8_ee_ZH_ecm240']	Signal	2000000.0	48372.0	2.42
['p8_ee_ZZ_ecm240']	Background	300000.0	13424.0	4.47
['p8_ee_WW_ecm240']	Background	5000000.0	7914.0	0.16

SCALED

Sample	Type	Raw	Yield	Yield %
['p8_ee_ZH_ecm240']	Signal	1010000.0	24427.86	2.42
['p8_ee_ZZ_ecm240']	Background	6795000.0	304053.6	4.47
['p8_ee_WW_ecm240']	Background	82195000.0	130098.25	0.16