

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	46712.0	2.34
['p8_ee_ZZ_ecm240']	Background	300000.0	13094.0	4.36
['p8_ee_WW_ecm240']	Background	5000000.0	8301.0	0.17

SCALED

Sample	Type	Raw	Yield	Yield %
['p8_ee_ZH_ecm240']	Signal	1009340.0	23574.15	2.34
['p8_ee_ZZ_ecm240']	Background	6794950.0	296576.92	4.36
['p8_ee_WW_ecm240']	Background	82192500.0	136455.99	0.17