

sel0 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	58793.0	2.94
['p8_ee_ZZ_ecm240']	Background	300000.0	18861.0	6.29
['p8_ee_WW_ecm240']	Background	5000000.0	63517.0	1.27

SCALED

Sample	Type	Raw	Yield	Yield %
['p8_ee_ZH_ecm240']	Signal	1010000.0	29690.46	2.94
['p8_ee_ZZ_ecm240']	Background	6795000.0	427201.65	6.29
['p8_ee_WW_ecm240']	Background	82195000.0	1044155.96	1.27