

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	59080.0	2.95
['p8_ee_ZZ_ecm240']	Background	300000.0	18953.0	6.32
['p8_ee_WW_ecm240']	Background	5000000.0	63520.0	1.27

SCALED

Sample	Type	Raw	Yield	Yield %
['p8_ee_ZH_ecm240']	Signal	1010000.0	29835.4	2.95
['p8_ee_ZZ_ecm240']	Background	6795000.0	429285.45	6.32
['p8_ee_WW_ecm240']	Background	82195000.0	1044205.28	1.27