

# 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	200000.0	4451.0	2.23
['p8_ee_ZZ_ecm240']	Background	300000.0	12718.0	4.24
['p8_ee_WW_ecm240']	Background	500000.0	761.0	0.15

## SCALED

Sample	Type	Raw	Yield	Yield %
['p8_ee_ZH_ecm240']	Signal	1009340.0	22462.86	2.23
['p8_ee_ZZ_ecm240']	Background	6794950.0	288060.58	4.24
['p8_ee_WW_ecm240']	Background	82192500.0	125096.98	0.15