

# sel0 Yield

FCC Analyses: FCC Simulation Delphes

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

FCC-ee

Delphes Version: 3.4.2

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

$L = 5.0ab^{-1}$

## UNSCALED

Sample	Type	Raw	Yield	Yield %
['p8_ee_ZH_ecm240']	Signal	200000.0	5510.0	2.76
['p8_ee_ZZ_ecm240']	Background	300000.0	18003.0	6.0
['p8_ee_WW_ecm240']	Background	500000.0	6449.0	1.29

## SCALED

Sample	Type	Raw	Yield	Yield %
['p8_ee_ZH_ecm240']	Signal	1009340.0	27807.32	2.76
['p8_ee_ZZ_ecm240']	Background	6794950.0	407764.95	6.0
['p8_ee_WW_ecm240']	Background	82192500.0	1060118.86	1.29