

# 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	61330.0	3.07
['p8_ee_ZZ_ecm240']	Background	300000.0	21246.0	7.08
['p8_ee_WW_ecm240']	Background	5000000.0	71226.0	1.42

## SCALED

Sample	Type	Raw	Yield	Yield %
['p8_ee_ZH_ecm240']	Signal	1009340.0	30951.41	3.07
['p8_ee_ZZ_ecm240']	Background	6794950.0	481218.36	7.08
['p8_ee_WW_ecm240']	Background	82192500.0	1170848.6	1.42