

FCCAnalyses: FCC-ee Simulation (Delphes)

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

$L = 10.8 \text{ ab}^{-1}$

$e^+e^- \rightarrow ZH \rightarrow \mu^+\mu^- + \text{Invisible}$

$\text{sel_BNL1} + \text{Missing } pT > 11$

Signal scale=1.0

	$Z(\nu\bar{\nu})H(ZZ \rightarrow \mu^+\mu^-\nu\bar{\nu})$
	$Z(\nu\bar{\nu})H(WW \rightarrow \mu^+\nu\mu^-\bar{\nu})$
	W^+W^-
	ZZ
	$Z/\gamma \rightarrow \mu^+\mu^-$
	$Z/\gamma \rightarrow \tau^+\tau^-$
	Rare
	$Z(\mu^+\mu^-)H(4\nu)$

Process	Yields	Raw MC
$Z(\mu^+\mu^-)H(4\nu)$	107	1387548
$Z(\nu\bar{\nu})H(ZZ \rightarrow \mu^+\mu^-\nu\bar{\nu})$	46	530496
$Z(\nu\bar{\nu})H(WW \rightarrow \mu^+\nu\mu^-\bar{\nu})$	1	1016
W^+W^-	237151	498754
ZZ	238799	913768
$Z/\gamma \rightarrow \mu^+\mu^-$	429	402
$Z/\gamma \rightarrow \tau^+\tau^-$	49891	51856
Rare	19460	108082