



Detector Impact – Table



- Preliminary results. Without any safety factor. Take the highest bin value as result.
- Beampipe Radius 10mm, First Layer Vertex R in 12mm, Length 164mm(total,cos0.99)
- Pair Production Only
- Link to Results file(To be updated):
 - Higgs:
 - Z-pole:

	Higgs	Z
BXRate(Hz)	1.34e6	3.93e7

Detector	Hit Density($cm^{-2} \cdot s^{-1}$)		TID($krad \cdot yr^{-1}$)		1 MeV equivalent neutron fluence ($n_{eq} \times 10^{12} \cdot cm^{-2} \cdot yr^{-1}$)	
	Higgs	Z-pole	Higgs	Z-pole	Higgs	Z-pole
Vertex	3.4e5	8.49e6	180	4092	0.04	58.34
Last Week	7.23e5	1.18e7	80	4850	0.03	10.8