

# MC samples

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# MC samples (background)

- Energy points: 104 from 3.850 GeV to 4.59 GeV.
- Background samples: bhabha, dimu, digam, ditau and two photons processes.
- Size of sample: bhabha (4M) , dimu(0.3M), digam(0.3M) , ditau(0.3M) and two photons processes(0.3M) except two energy points (4.030 and 4.170 GeV) .
- Two energy points at 4.030 and 4.170 GeV : bhaba (8M), the size of other processes samples (0.5M).

# MC samples(background)

- bhabha, dimu and digam processes are generated by Babayaga(3.5version)
- ditau is generated by KKMC .
- Two photon process is generated by Two photon process generator.
- BOSS version: 664p01

## MC address:

[/besfs/groups/tauqcd/zhangbx/bos664/MCdat/HighE\\_Rval](#)  
Scan

# MC samples (background)

Processes(bkg) (3.850~4.590)	size (M)	Generator	Notes
bhabha	4 .0 (8.0)	Babayaga (v3.5)	4.030 & 4.170
dimu	0.3 (0.5)	Babayaga(v3.5)	4.030 &4.170
Digam	0.3 (0.5)	Babayaga(v3.5)	4.030 &4.170
Ditau	0.3 (0.5)	KKMC	4.030&4.170
eeX	0.3 (0.5)	Two photons	4.030&4.170