

$e^+e^- \rightarrow Z \text{ gamma analysis}$ Current status

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Physics analysis

Trying to analyze

- DBD 250 GeV samples
- New samples

Mz reconstruction using theta of jets!

Looking at background (e.g. 4f_singleW_semleptonic)

- Processor is being modified as the particle IDs are different process by process.
-> **Regard the particle whose daughter particleID is 94 as seed of a jet**
- In the background events, MC clustering is sometimes failed.
We should remove photon (ISR and signal photon) and then, do the jet clustering.
Need to develop the general way to remove the photons.