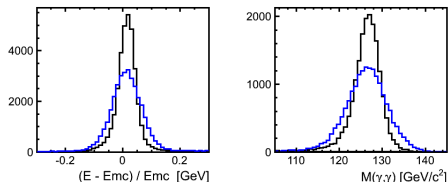


# $H \rightarrow \gamma\gamma$ : Effect on $\gamma$ Energy Resolution over Significance

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## Procedure

- I will assume several photon resolutions worse than the observed one.
- For each resolution  $i$  I will compute the significance of the signal over the main background.

## Plan

- Show this study in the incoming ILD meeting.

