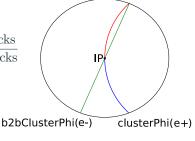Reconstruct $ee \rightarrow ee$ using only ECL
information to calculate tracking efficiency

$$\epsilon = \frac{\#\text{Events with exactly 2 reconstructed tracks}}{\#\text{Events with 1 or more reconstructed tracks}}$$

Selection:

- Only Events with exactly 2 clusters in
  the ECL with at least $3.5\,\text{GeV}$
- nTracks in an event < 7
- Total Energy in the ECL $< 15\,\text{GeV}$
- Reconstructed invariant Mass $8\,\text{GeV} \leq \text{M} \leq 12\,\text{GeV}$
- Use b2b-variable to neglect $ee \rightarrow \gamma\gamma$ events

$\rightarrow$ Only one $ee \rightarrow ee$ candidate per event is reconstructed!

First angular dependent tracking efficiency will follow soon!

clusterPhi(e-)

IP

b2bClusterPhi(e-) clusterPhi(e+)