• p16.01.00 build 6/7 l3fisolation is running out of the box with –maxopt and without –nofpe option
• no crashes
• all possible calls from triggerlist tested:
  call from tool / call from trigger for Muon track and GlobalTrack input

• Processed with build 7
  ▪ 18k all data
  ▪ 3k ELE monitor stream
  ▪ 10k MC Z →μ μ
  ▪ 4k MC Z →ee

• comparison to older build 5 version: No differences

• Update for Muon tracks (EM)
• efficiency for GlobalTracks (EM)
Hollow cone (0.4/0.1) energy for $Z \rightarrow \mu \mu$ & data

p16.01.00 build5 version
No difference in build7 version
$\Sigma p_t$ (in 0.5 cone) for $Z \rightarrow \mu\mu$ & data

- p16.01.00 build5 version
- No difference in build7 version
Trans. Energy in hollow cone l3 vs. offline

hollow cone R=0.4, r=0.1

All muons (p16.01.00, build5) local muons (p16.01.00, build7)
Pt sum in cone 0.5  l3 vs. offline

All muons (p16.01.00, build5)

local muons (p16.01.00, build7)
Efficiency / rejection for muon tracks (build5)

\[ \varepsilon = \frac{\# \text{Z event with isolated l3 muon track}}{\# \text{tot. Z events}} \]
Hollow cone (0.5/0.3) energy for $Z \rightarrow ee$ & data

**Hollowcone energy for elektron tracks**

- **ELEmon** ($E1_{SHT15}$)
- **MC $Z \rightarrow ee$**

Energy in hollowcone [GeV]
$\Sigma p_t$ (in 0.5 cone) for $Z \rightarrow ee$ & data

**Sum of pt for electron tracks**

- **ELEmon** (E1_SHT15)
- **MC Z->ee**

Rel. #

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<tr>
<th>ptsum in 0.5 cone [GeV]</th>
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<tbody>
<tr>
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Efficiency / rejection for GlobalTracks (build7)

This is still very preliminary!
Need more time for more detailed studies