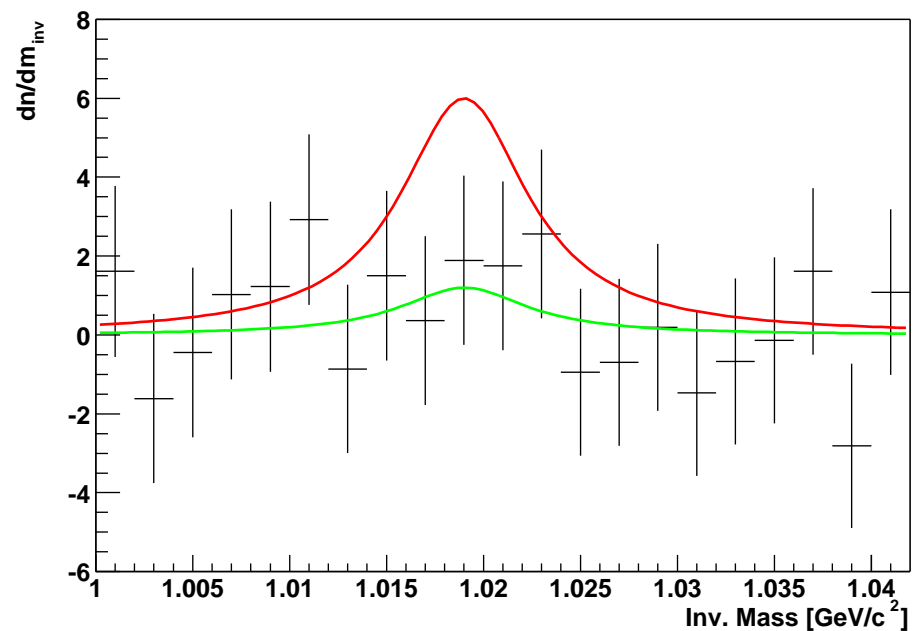


# Resolution of Gamma Invariant Mass from Embedding Simulation @ 158 AGeV

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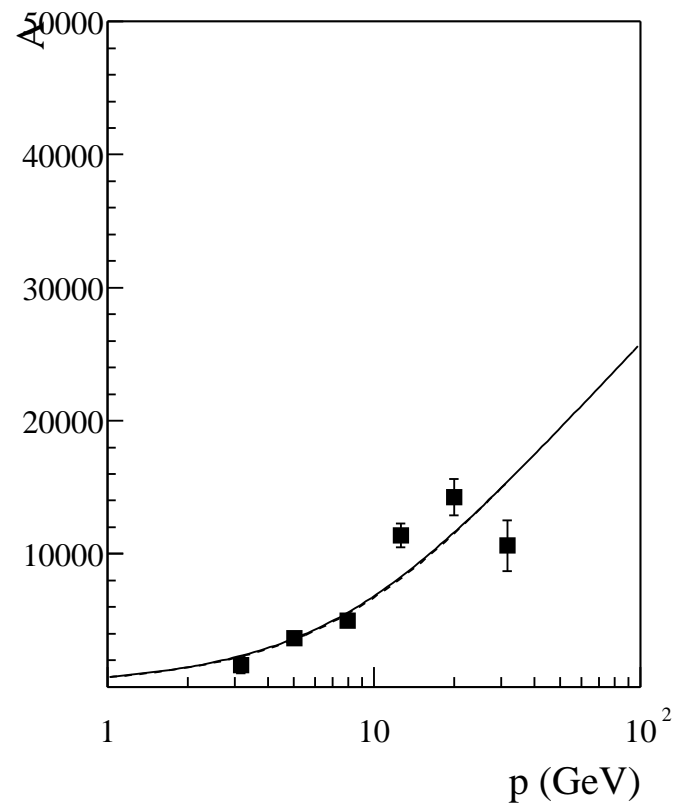
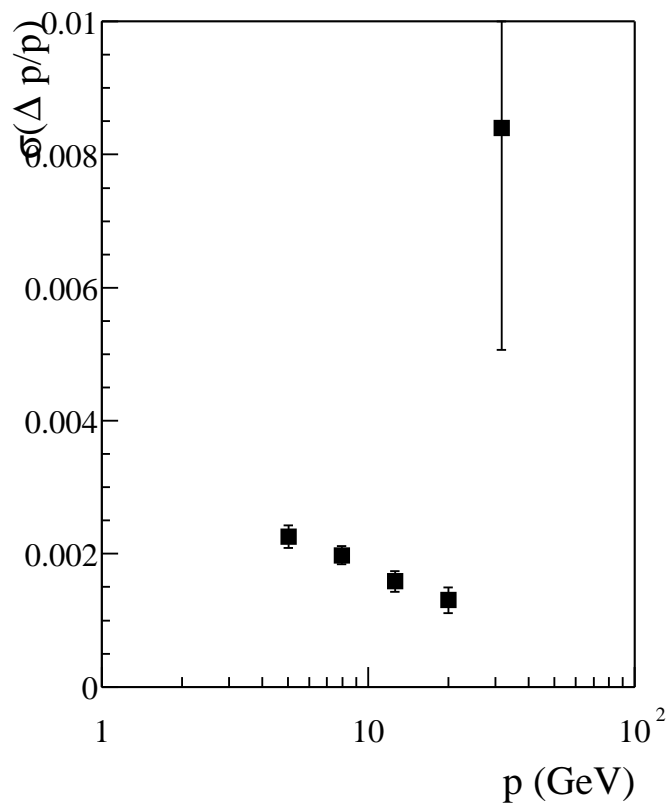
- Motivation
- 512 time bins
- 256 time bins
- To-do for publication

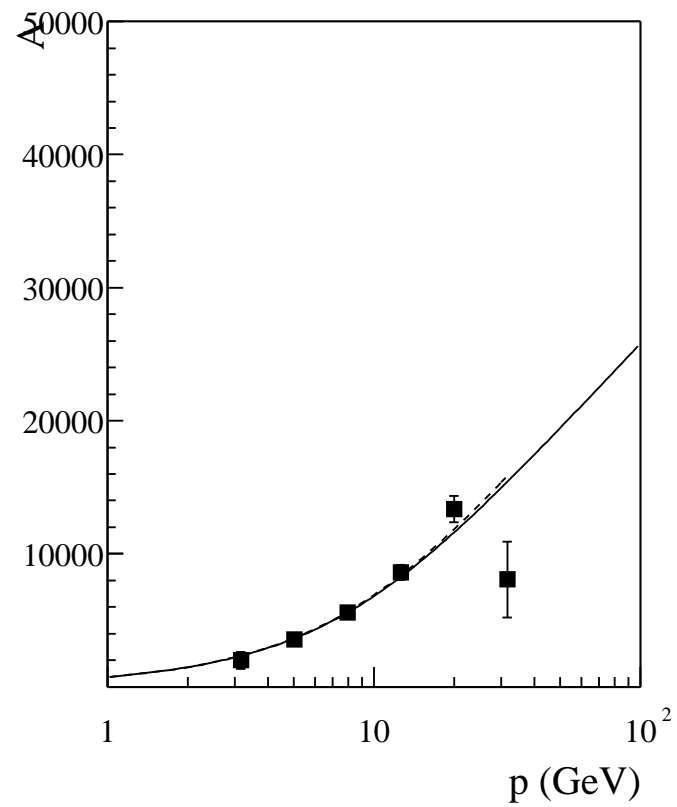
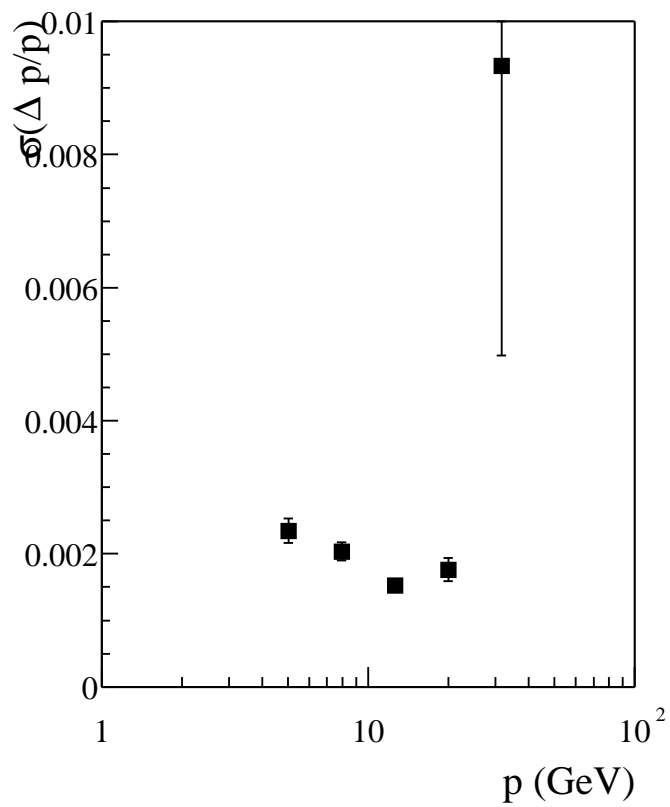


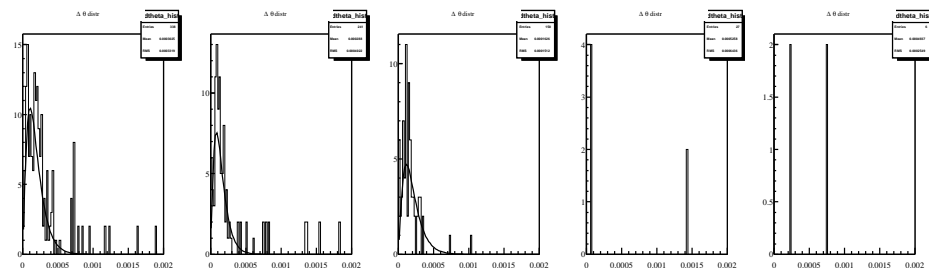
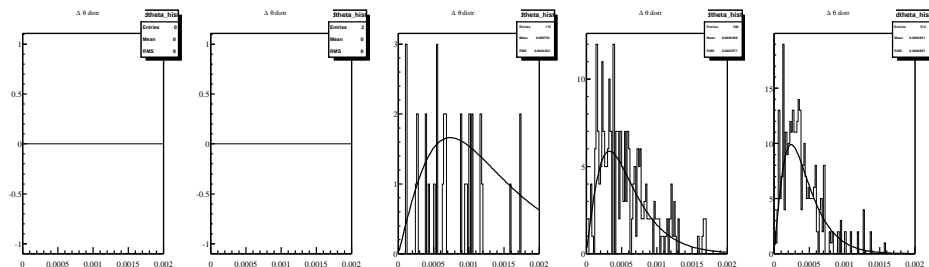
No Phi signal visible

Physical result:  
upper limit estimate

Depends strongly on  
understanding of simulation

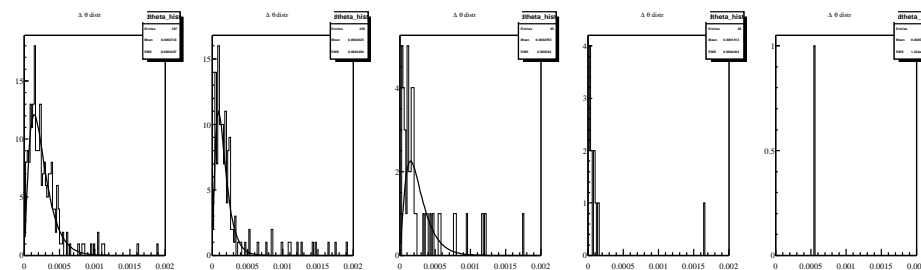
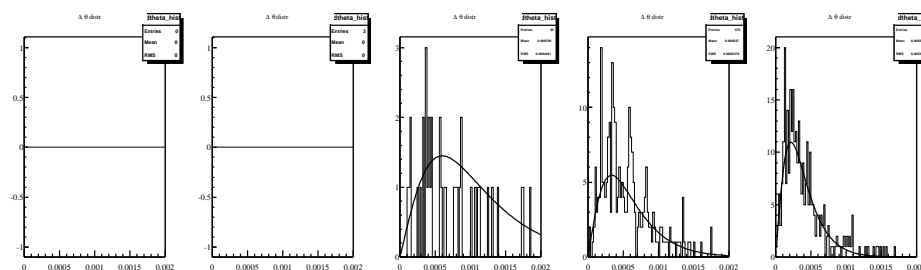




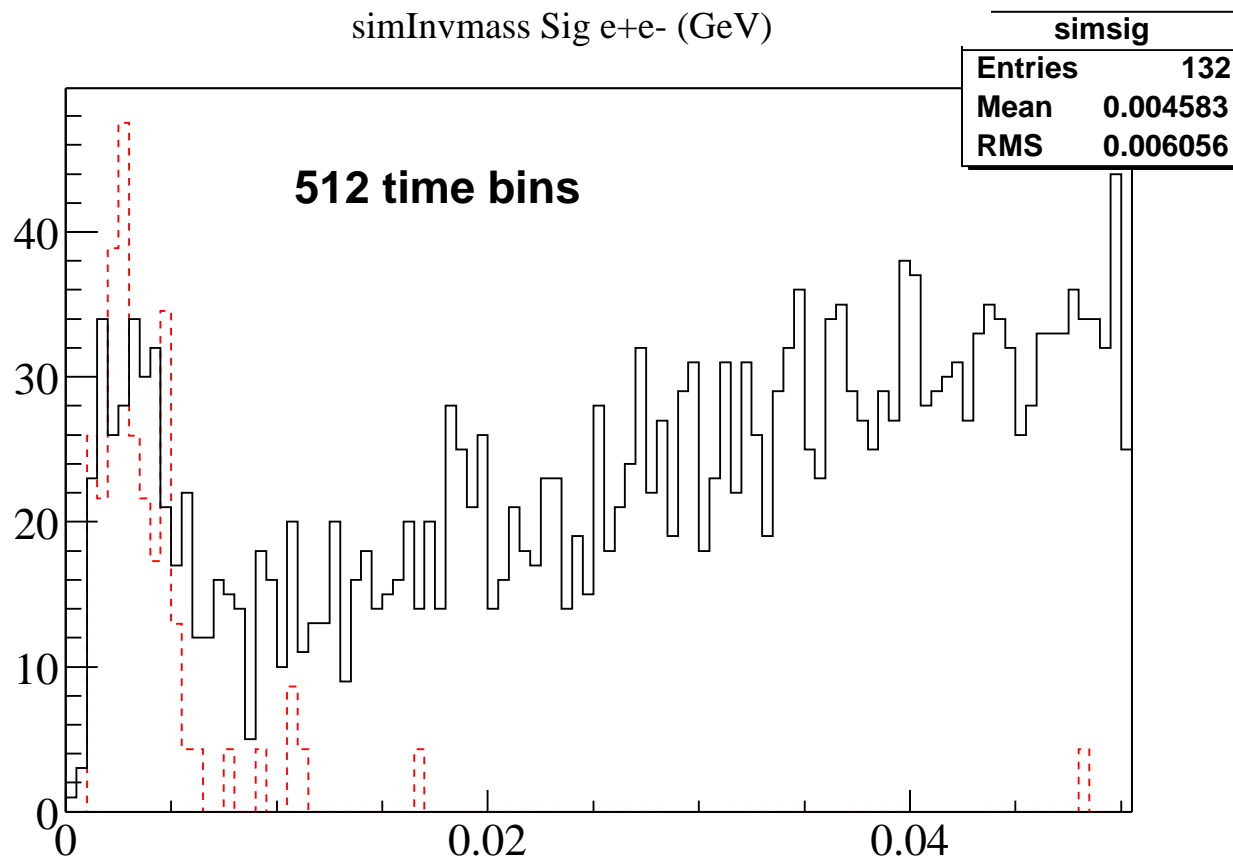


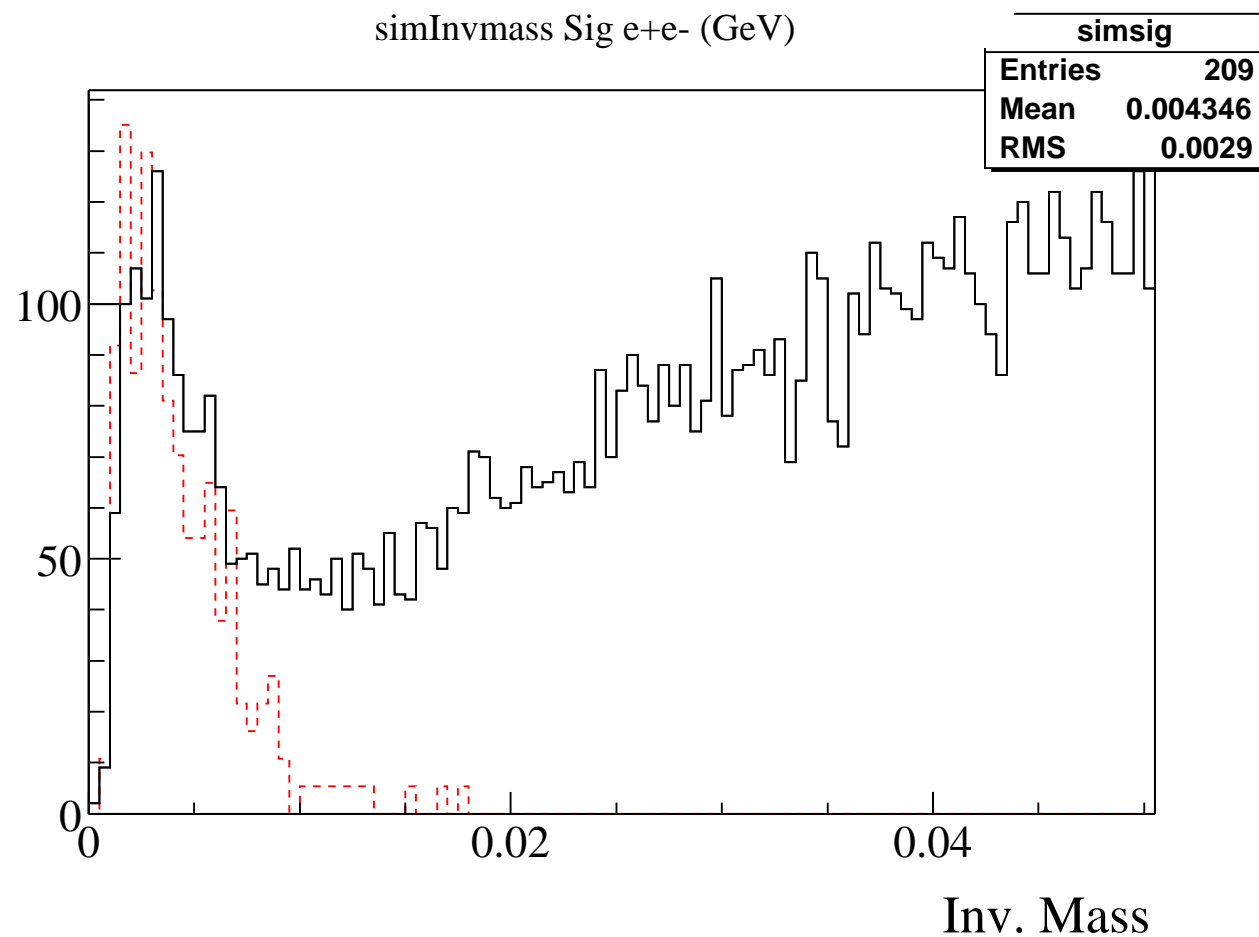
512 time bins

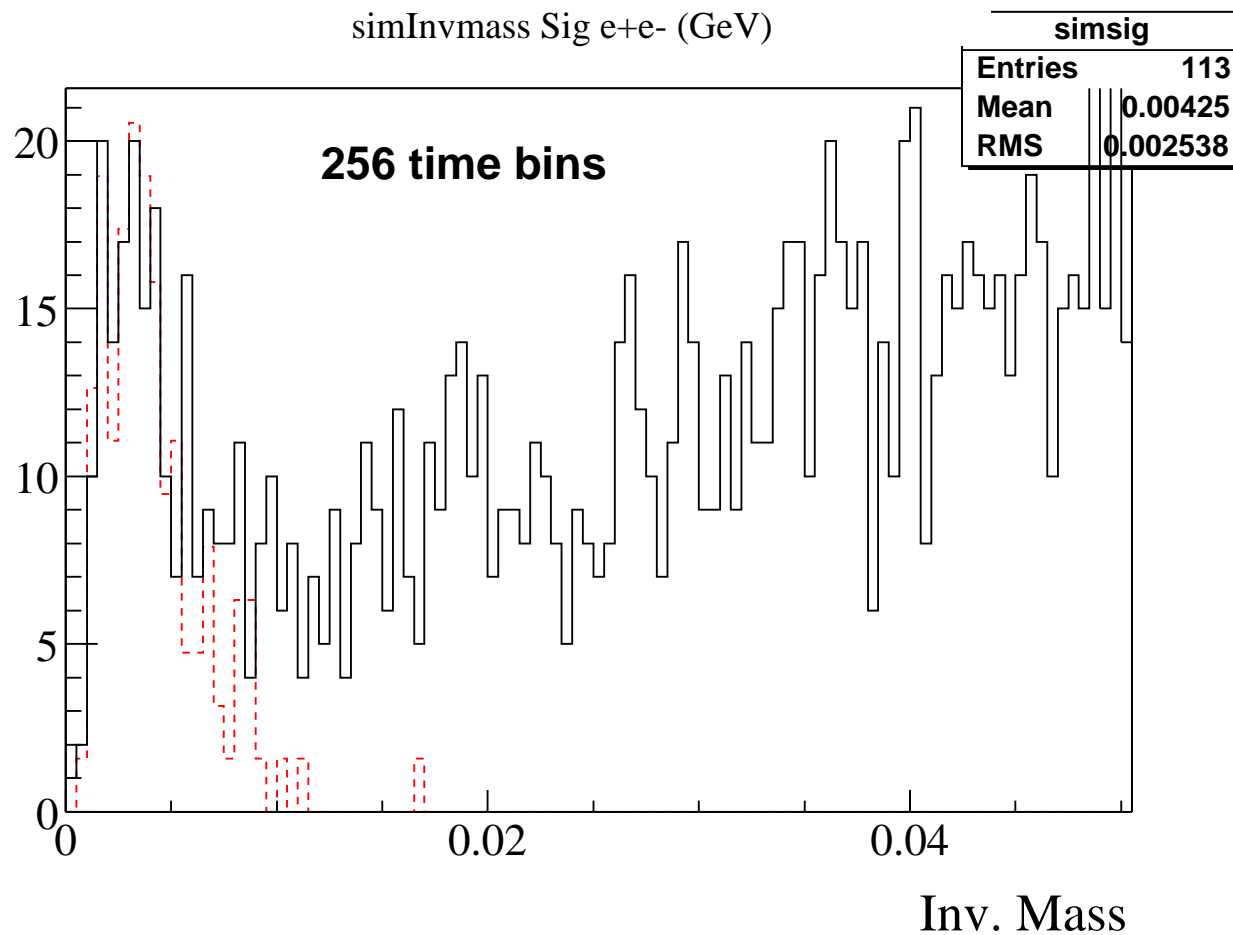
256 time bins



# 512 Time Bins









Gamma conversion peak in  $e^+ e^-$  Invariant mass spectrum reproduced by embedding simulation

Mass resolution of our detector under control

### To-Do:

- Last iteration of Phi analysis
- Publication together with  $D_0$