

LAT701 Run

From digitization-latte-v3r5p1_600001190_digi_DIGI.root and recon-v3r5p1_600001190_recon_RECON.root

CAL-LO triggers

For each event, a set of Xtals returns a reconstructed energy. A simple check of the CAL-LO trigger is to look for the highest reconstructed energy which should probably never be below the CAL-LO trigger threshold.

Analyzing 483931 events, of which 213564 had the CAL-LO bit set, the [histogram](#) of highest energies shows a peak around 100 MeV with however a significant amount of events below that value.

With a [finer binnig](#) the muon peak is apparent. Anders suggests that this might be an effect of 4 versus 1 range readouts.

The events with only 1-range readout triggers (black) [and 1-range CAL-LO triggers](#) (red) reproduce what is seen previously.

CAL-HI triggers