

About PMTS

Data set : all events between 1/1/2004 and 31/12/2019
no selection

Method: check in all calibrated Stations with an exclusive hierarchy

1. mask -> % of masked PMTS
2. Quality cut flags (1st level based on moni data)
 - > % PMT cuts
 - > % Anode only cuts (if HG saturated)
3. Event by event Quality cuts (2nd level based in instantaneous D/A and VEM values)
 - > % of additional cut PMTs
4. Failed fit (in that case the PMT is not cut)

Plots:

- for each month we give percentage for each cut relative to the total number of PMTs of the active tanks
- for each month, we average the percentage for each tank and then make the average for all active tanks (to avoid a distortion of tanks triggering much more than others, such as infill or aeralet)

