



Check for Polar

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Check for each vertiacal pair

It is related to a feature of the reconstruction sotware which in case of ambiguity favored some pairs wrt others.

The code was fixed to avoid that and then tested on POLA-04 (next slides).

Reconstruction of POLA-01 will be ready in a couple





NB|| The global rate doesn't change



Improvement in new reco version



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Efficiency studies

- To check efficiency variation during data taking we took as reference the so called pseudoefficiency.
- Pseudo-efficiency were measured in data (runby-run) by comparing rates with AND-4-SiPM vs Majority.

Pseudo-efficiency



Since potential correlations between SiPMs in the same plate (seeing the same charge) we cannot say a priori that these quantities coincide with real efficiencies.

Are they a good description of the efficiency?

With previous reco version we were not able to get a good description. Then we checked with the new one.

Pseudo-efficiency vs eff. Before the fix

POLA-04 OLD



Pseudo-efficiency vs eff. after the fix

POLA-04 NEW



Efficiency fluctuation on Majority condition

