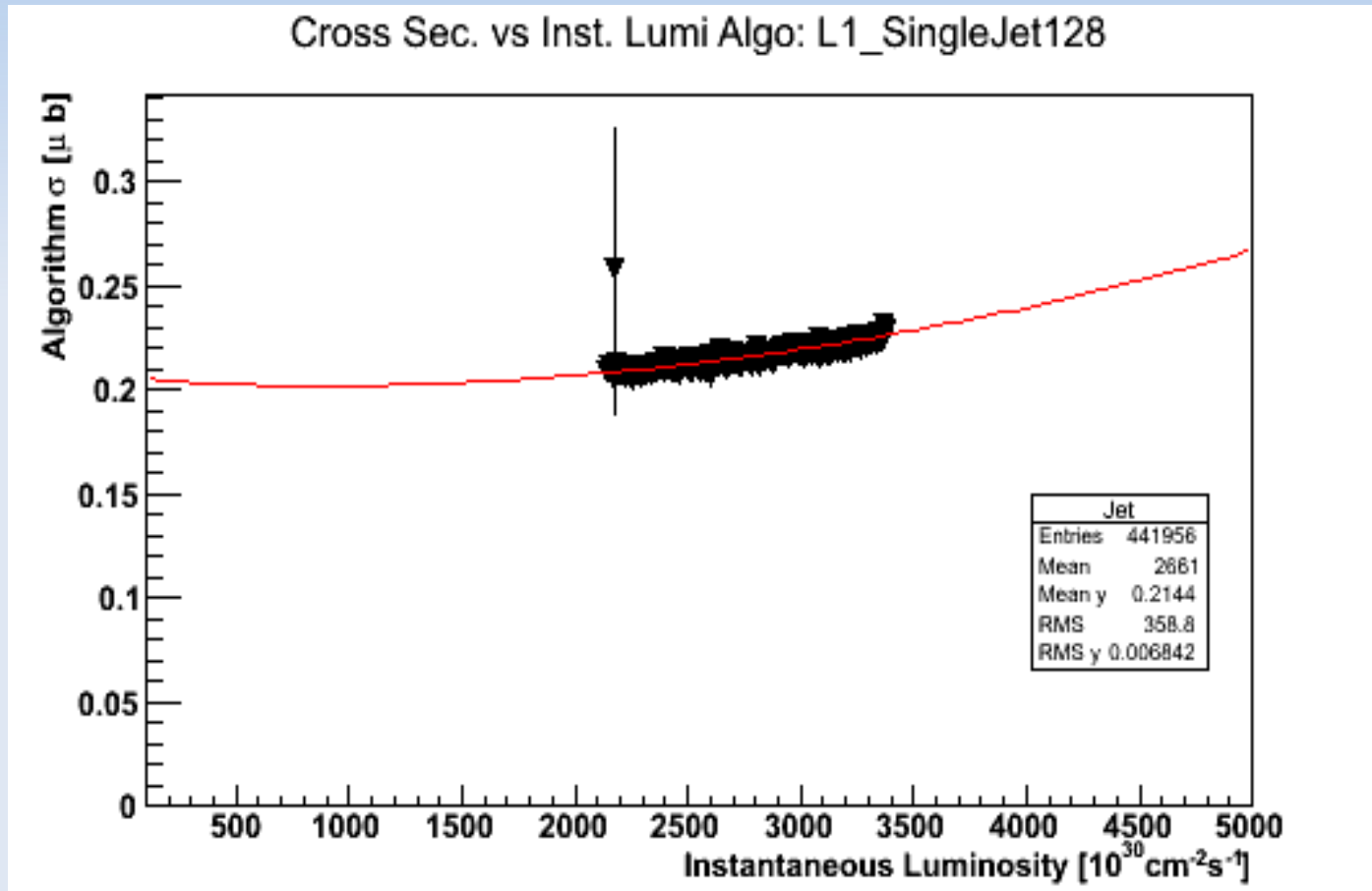# L1 DQM Tests Summary

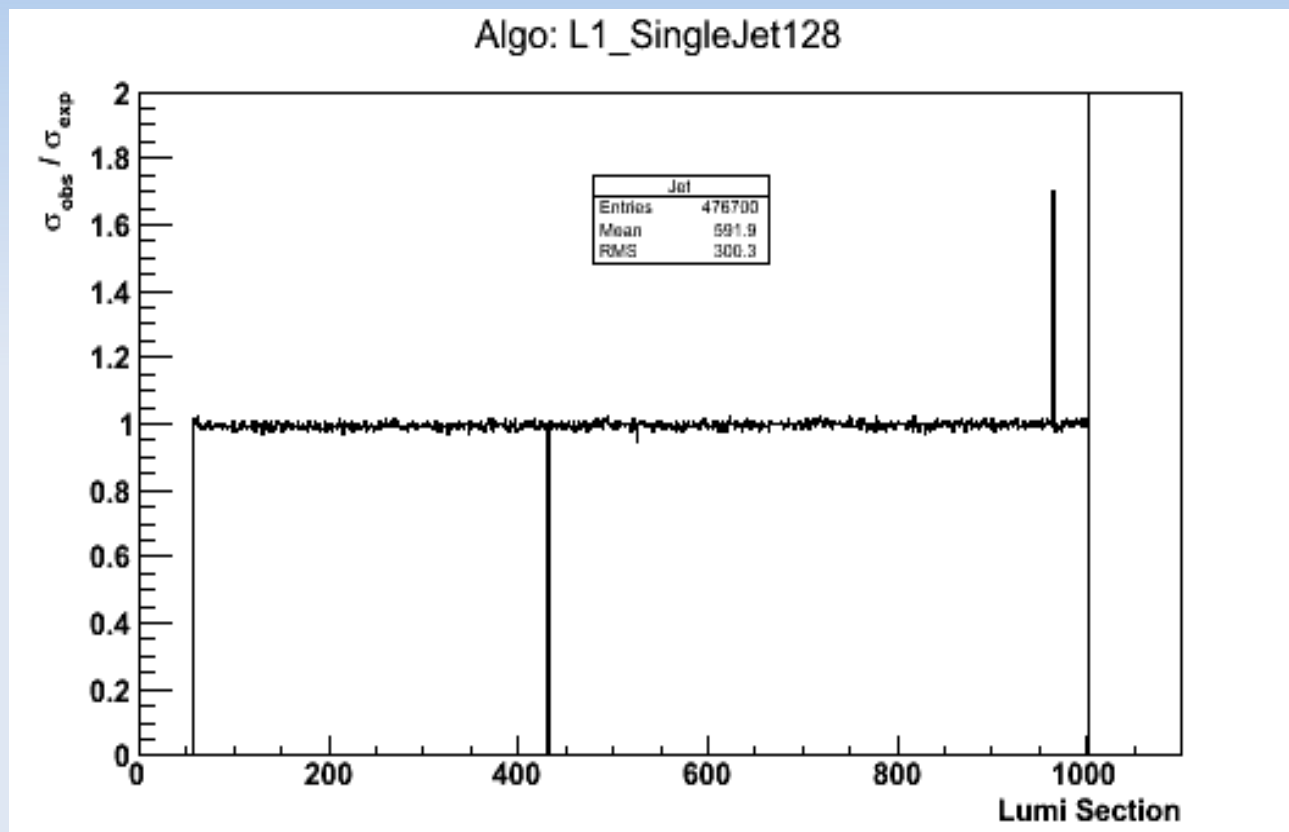J. Pela, P. Musella
LIP Lisbon

What's new

- New version of the L1T DQM Online tests is ready and being tested for deployment.

- New features:

  - L1T Occupancy Monitoring (will be on trial for some time so we can define thresholds for the test)

  - Re-implementation of L1T Rates Monitor in order to be sure all information taken correctly from SCAL

  - Manual shift of GT Rates LS number (to correct from bug in SCAL side)

  - New L1T DQM Summary plots for all preformed plots.

Monitored variable
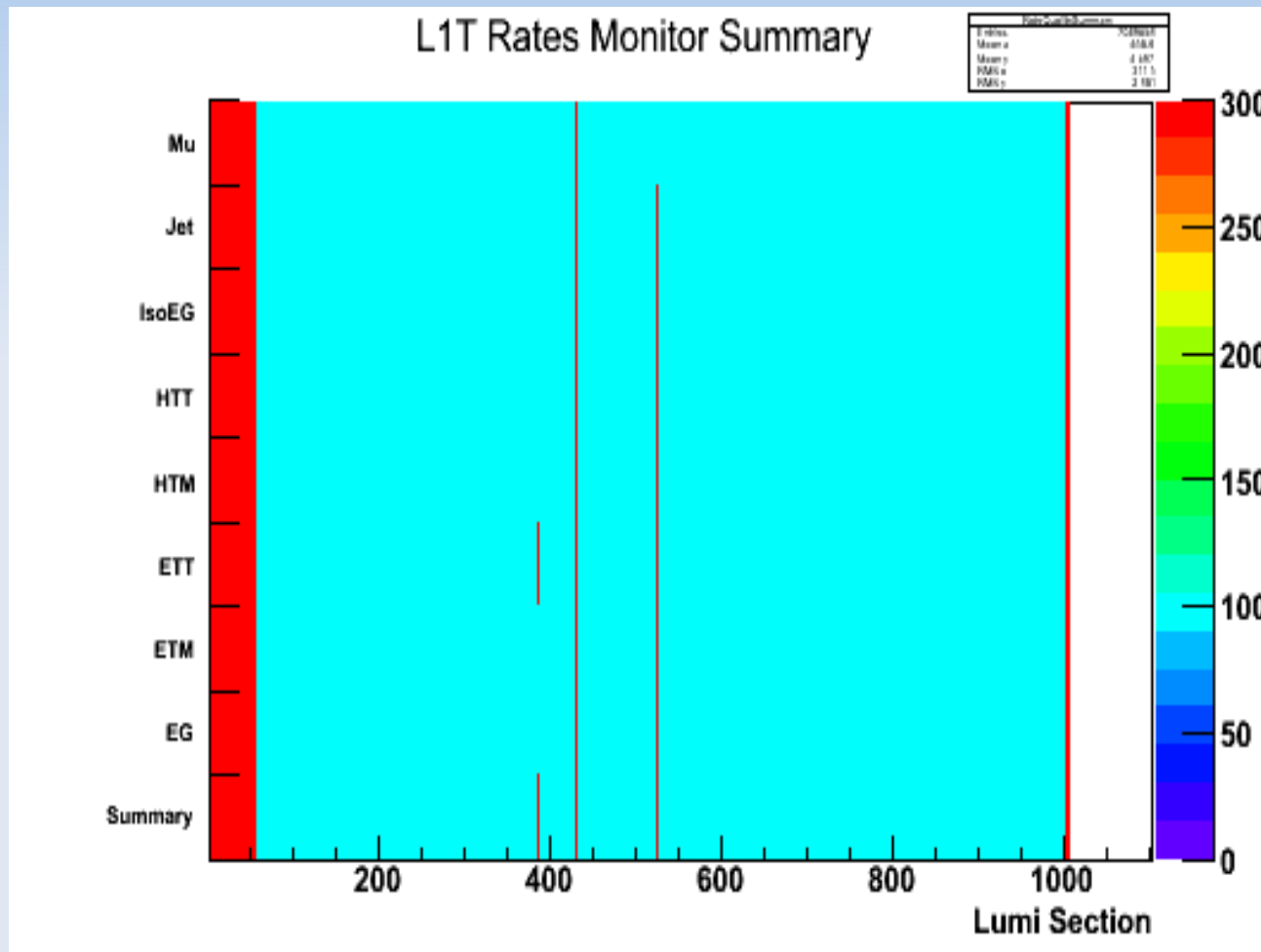

Cross Sec. vs Inst. Lumi Algo: L1_SingleJet128

- We Monitor variables and plots associated with the level 1 trigger
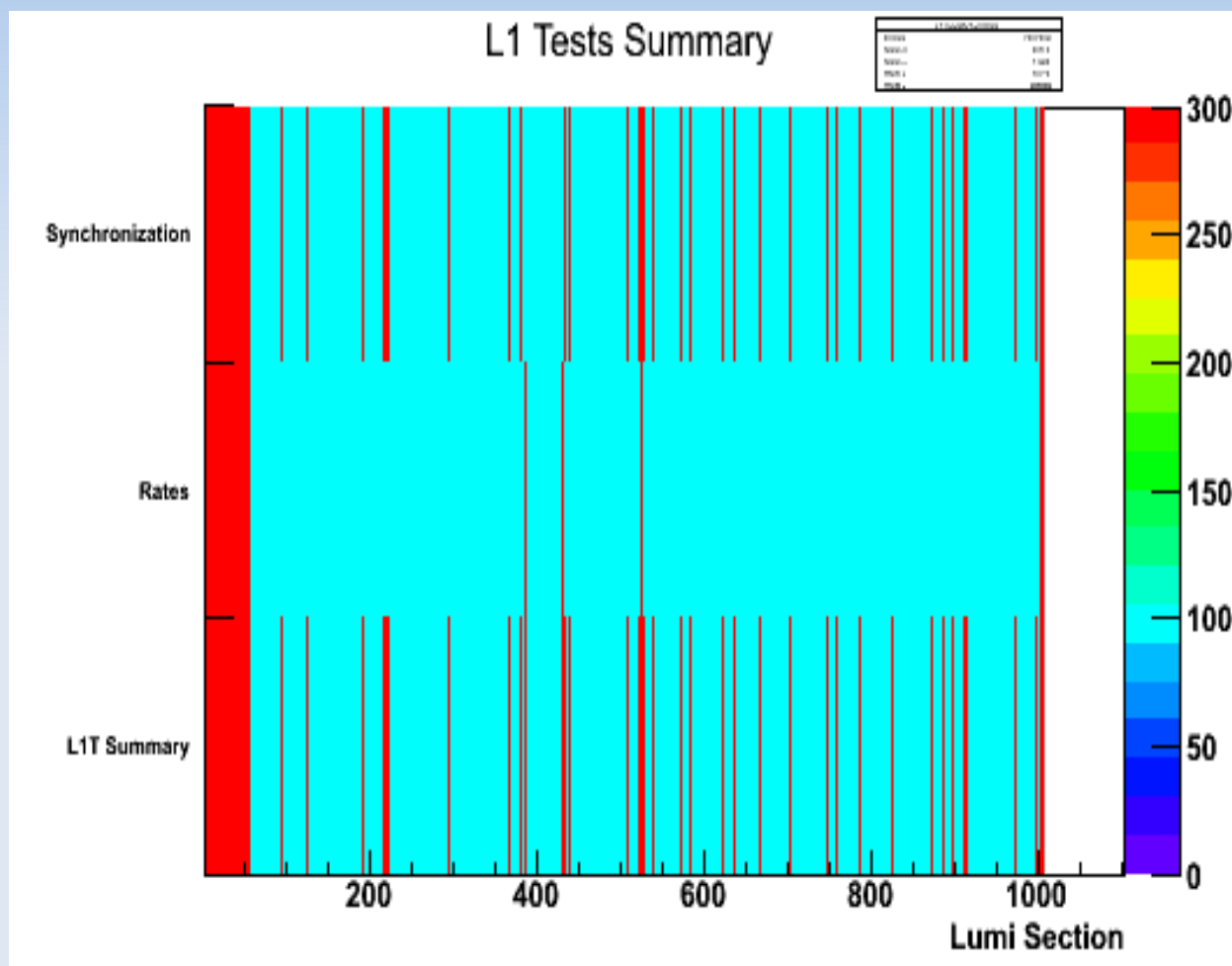- Currently we monitor rates, occupancy and occupancy

Test Result

- For each monitored variable we produce a plot with the test result per luminosity section

Test Summary

- A summary of all tested objects/plots of a given test is now produced

L1T DQM Tests Summary

- A global summary of all tests is produced
- Global Flag is the worst of all tests preformed for that LS