Weekly data certification report (wk36)
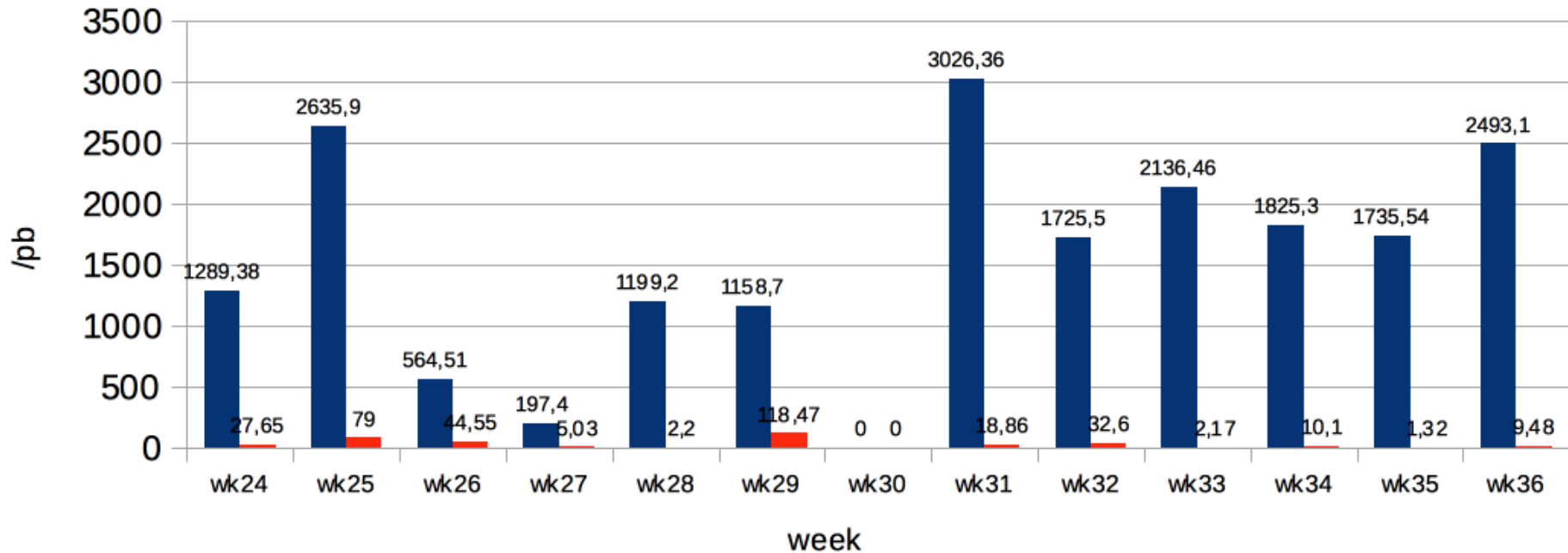Pavel Bunin
18/09/2017

overall HCAL status (3.8T) on September 12th

certified on September 17th

■ collected_by_cms ■ losses_in_hcal

GOLDEN JSON   Wk36: September 5 – September 12

/afs/cern.ch/cms/CAF/CMSCOMM/COMM_DQM/certification/Collisions17/13TeV/
PromptReco/Cert_294927-302343_13TeV_PromptReco_Collisions17_JSON.txt
with recorded luminosity: 15.337 /fb (w/o w36)

HCAL losses: ~347,5 /pb out of ~19.8 /fb (~1.7%)

Wk36

302344 LS 483-523   LS are bad for HF (high amplitudes), FED1121 issue

0,01 /pb lost (minor because of HF, losses goes to downtime)

302388 LS 158-163   HV trip in HEP01,18   1,25 /pb lost

302448 LS 313-316,443-444,484-485   LV power-cycle, FED1121 issue

1,6 /pb lost

302479 LS 223-224   HV trip in HBP07   0,46 /pb lost

302573 LS 694-729   HV trip in HEM14   5,42 /pb lost

302596 LS 706-709   HO issue: high amplitudes, CapID errors

0,73 /pb lost

Total:
9,48 /pb lost for wk36*
*(/pb) – only certified data, downtime is not calculated