

# Weekly data certification report (wk40)

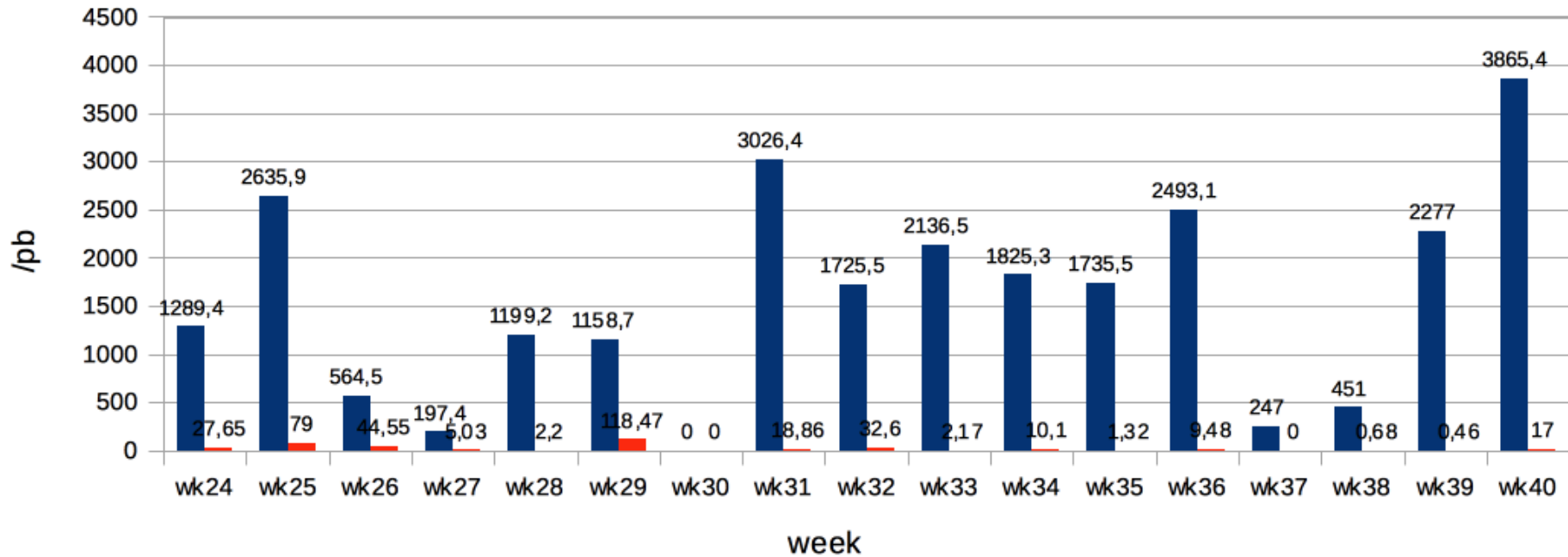
Pavel Bunin

16/10/2017

# overall HCAL status (3.8T) on October 5th

certified on October 15th

■ collected\_by\_cms ■ losses\_in\_hcal



Wk40: September 29 – October 6

GOLDEN JSON

[/afs/cern.ch/cms/CAF/CMSCOMM/COMM\\_DQM/certification/Collisions17/13TeV/  
PromptReco/Cert\\_294927-304120\\_13TeV\\_PromptReco\\_Collisions17\\_JSON.txt](/afs/cern.ch/cms/CAF/CMSCOMM/COMM_DQM/certification/Collisions17/13TeV/PromptReco/Cert_294927-304120_13TeV_PromptReco_Collisions17_JSON.txt)

with recorded luminosity: 21.15 /fb (w/o w40)

HCAL losses: ~365,6 /pb out of ~26,63 /fb (~1.4%)

## Wk40

304209 LS158-175 HFP Q2 LV 6.34 /pb  
<http://cmsonline.cern.ch/cms-elog/1012752>

304292 LS1126-1181 HEM17 HV 9.44 /pb  
<http://cmsonline.cern.ch/cms-elog/1013022>

304447 LS535-539 HF LV SEU 1.3 /pb  
<http://cmsonline.cern.ch/cms-elog/1013600>

304292 Ipbus problem HF in LS 368-370 recovered  
304447 LS220-255 acromag issue recovered

Total:

~17 /pb lost for wk40\*

\*(/pb) – only certified data, downtime is not calculated