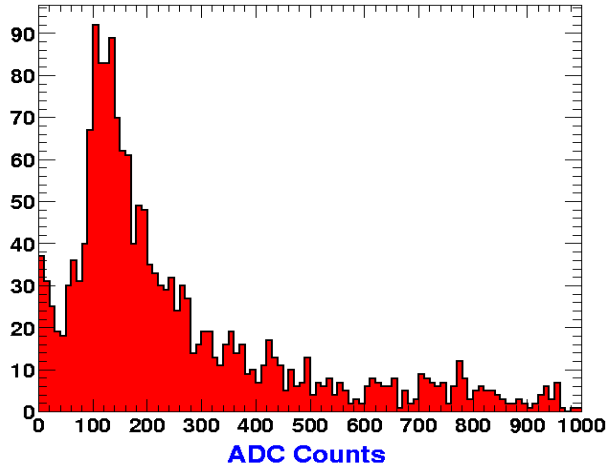
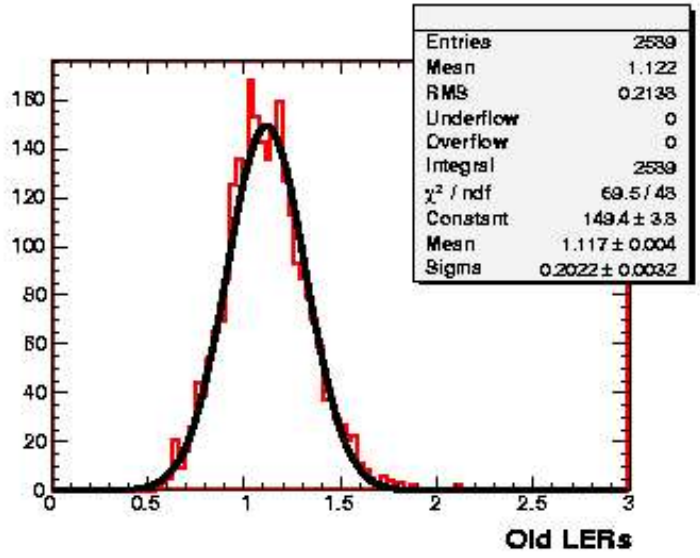
# CP2 Calibration Procedure

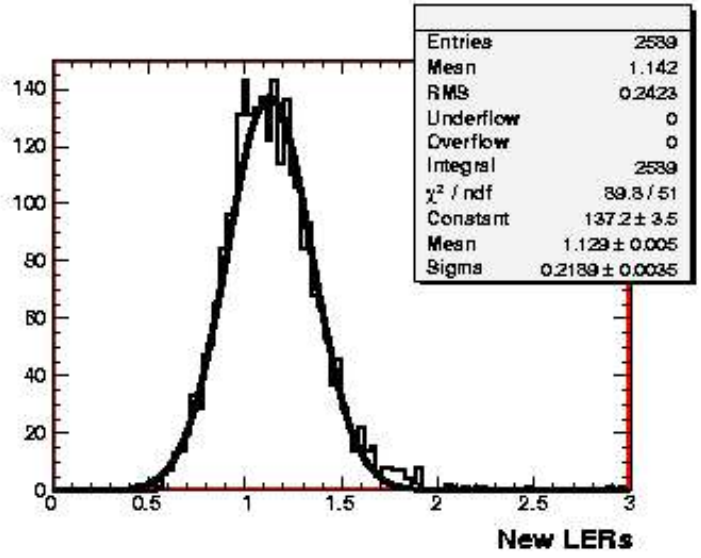
- Pick a good run (monthly)
- Make stntuples from raw data (streams a,b,c,d,e,g,h,j)
- Extrapolate L3 tracks above 1 GeV to CP2 pads (2x24x54 = 2592 pads total)
- Make 1 histogram per pad, find mean,

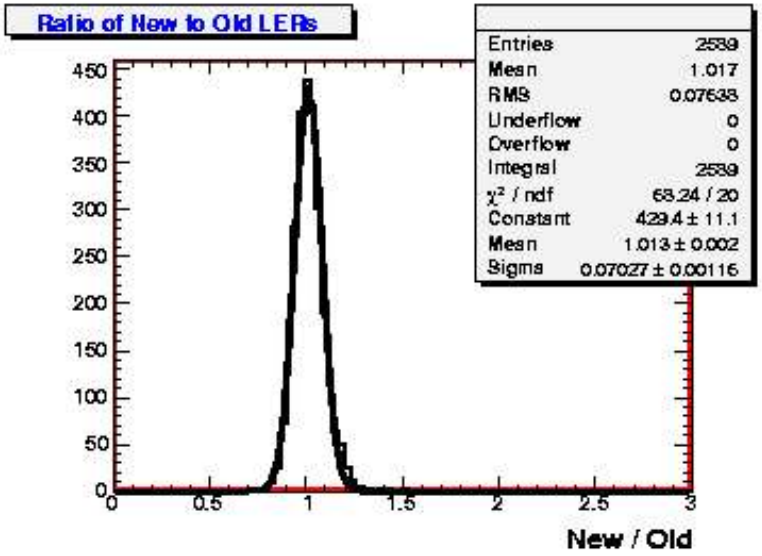
**LER = mean / global mean**

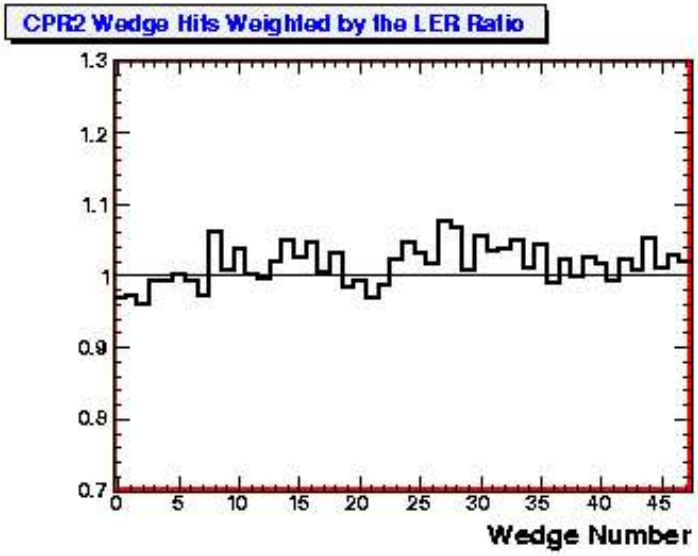


# Compare LERs with previous one in database

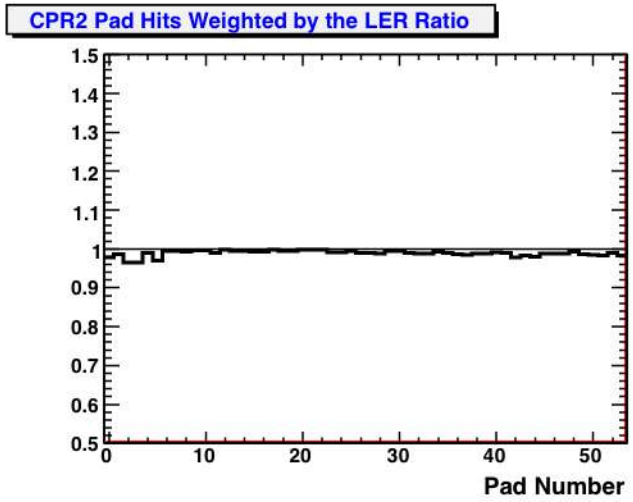


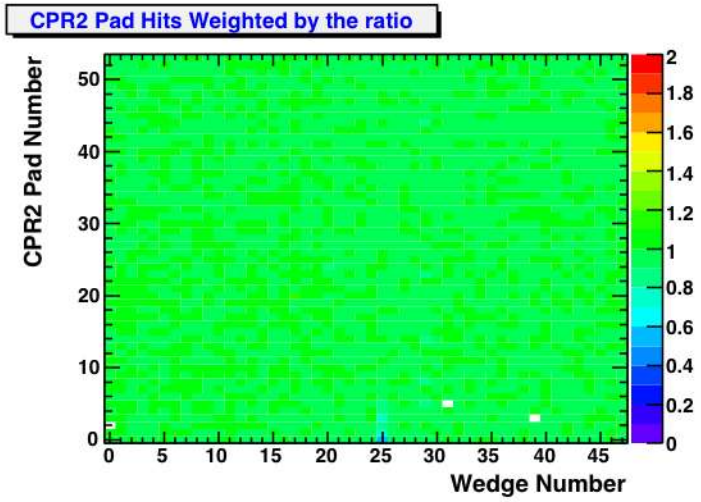



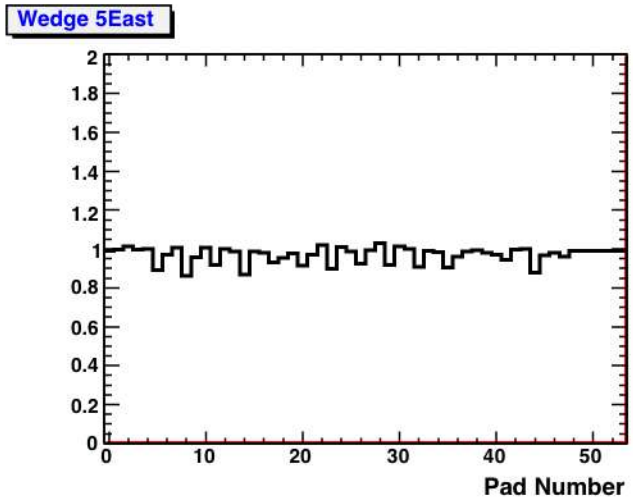



# Calibration for run 258365



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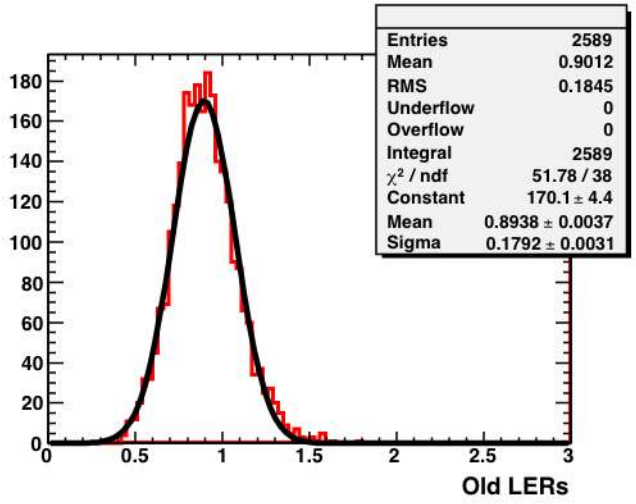
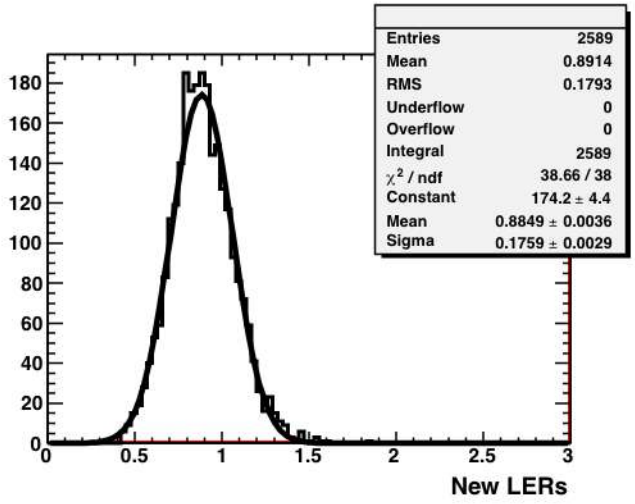
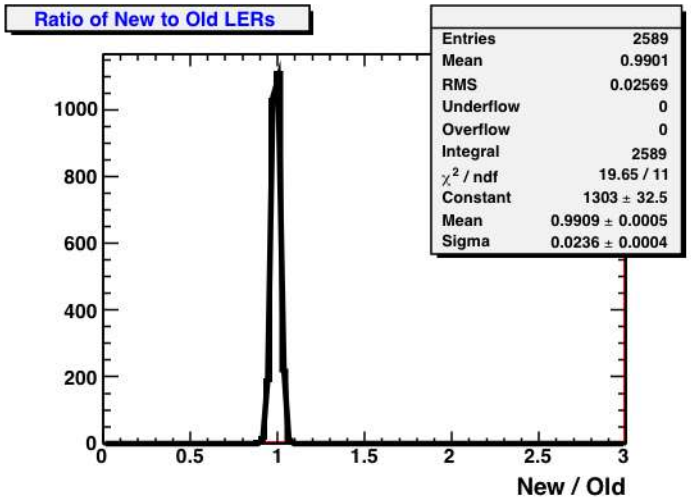
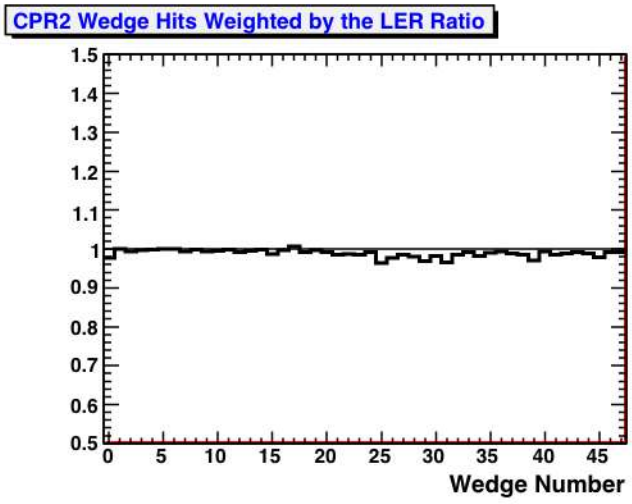
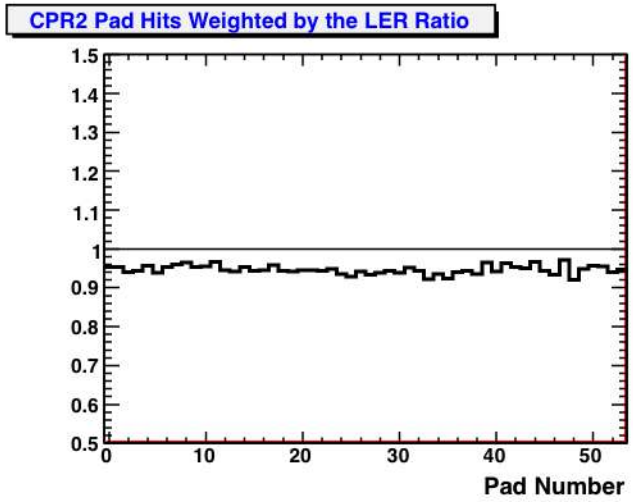


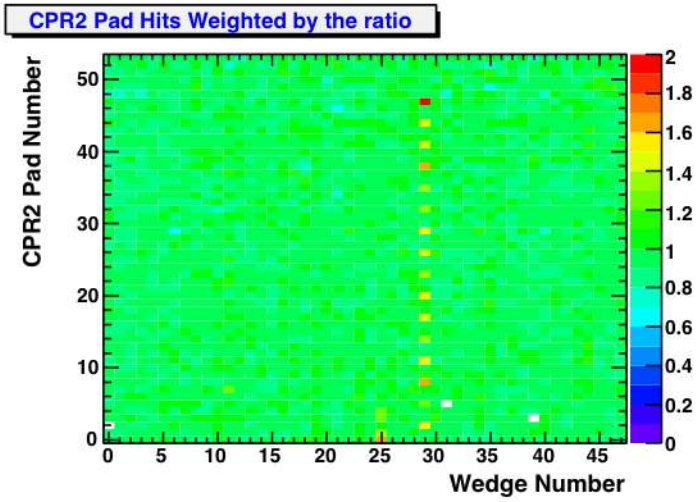



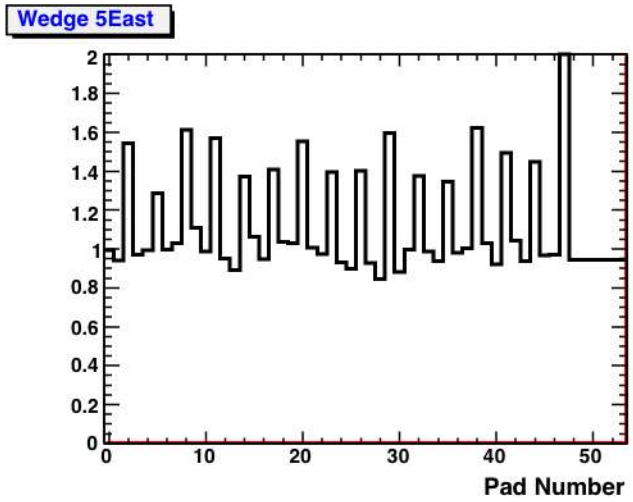



# Calibration comparison: Jan 2008 to Oct 2006



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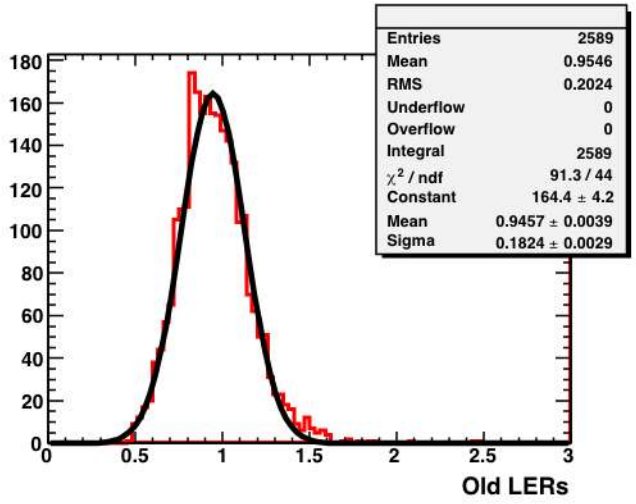


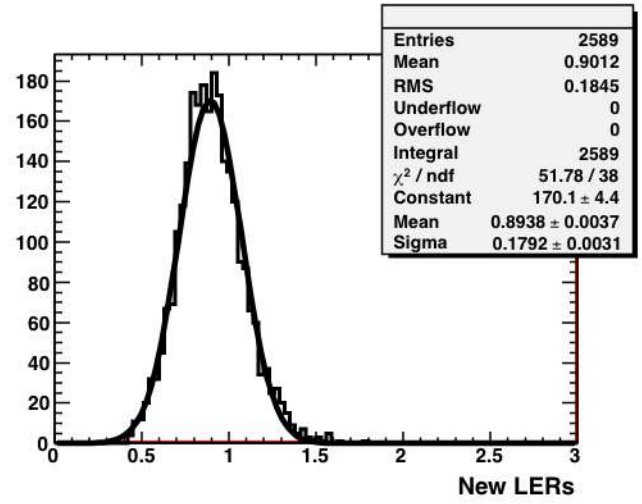


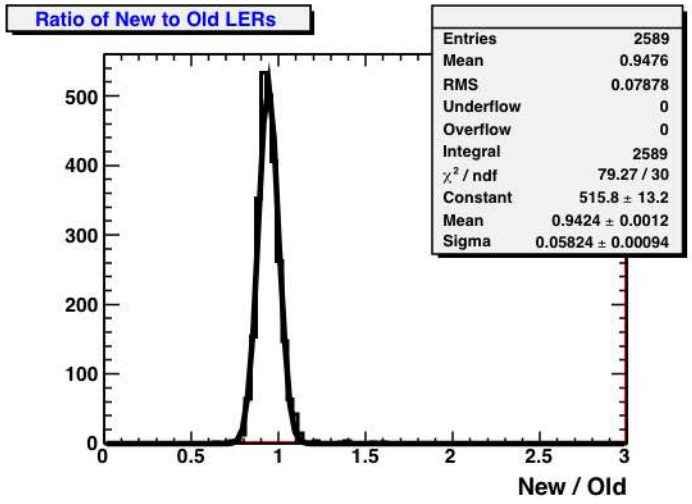


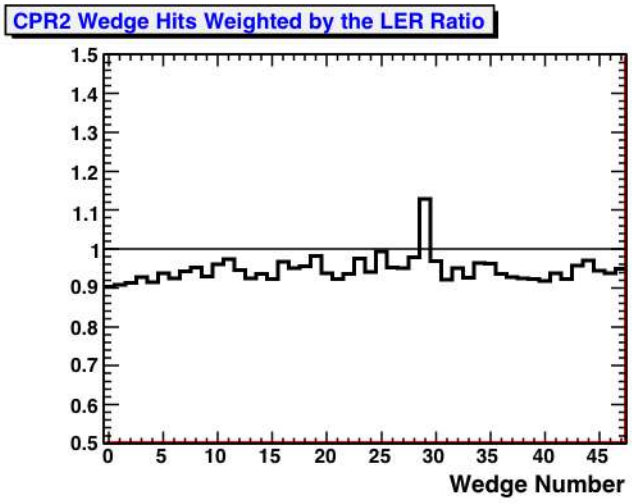

# Compare LERs with previous one in database

- Look for clumps of bad channels or calibration changes, or global change > 5%, put in database if so.
- 7 database entries since Dec 2004, pretty stable system.

# CP2 HV-Off Search

- Make stntuples from stream A raw data over few months
- Same code as calibration checks for <1% CP2 occupancy per event.
- Send run/event range to DQM for goodrun list