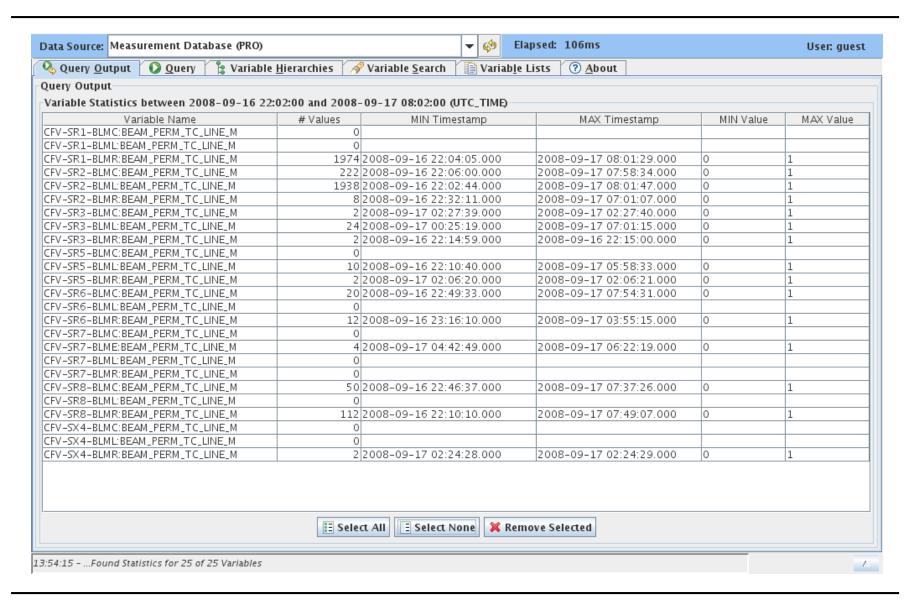
Bernd Dehning

Commissioning of BLM Interlock Feature

- Activation of BLM connection to the BIS
- Beam energy set to 7 TeV, most sensitive
- Identification of channels which take beam permit away and repair
- Identification of difference between thresholds and noise levels, check all channels (query of channels in database, load to high, under investigation)
- Means to reduce the beam permit changes:
 - Investigation of the threshold settings
 - 40 us channel set to a high threshold value
 - Lowering of bias current
 - Gain of a factor 6 going from 7 to 5 GeV
 - Disabling of channels
- About two weeks needed for this operation, masking of channels required in case of LHC operation

Timber Records Beam Interlock



BLM IP 2 left Channel with Noise

