Collimation MD 15/11/2006
BLM Data

4 BLMs installed around the jaws
4 positions (motors) recorded
Available data

- 1.7s (40us) Post Mortem triggered by movement
- 80 ms Collimation PM (2.5 ms repeated sum)
- Peak of 12 Running Sums every second
Post Mortem data – 40us running sum
Post Mortem data – 40us running sum
Collimation “Post Mortem” 2.5ms repeating sum
2.5ms data Integrated over 80ms with Position of Jaws
Zoom to see “oscillations” in data
The same for PM data (SUM)
Short Conclusions

- The LHC BLM acquisition chain was tested
- Data logging works correctly
- Problems with multiple triggers to PM
- Need more time to understand the data
SEM on TIDV dump 10/11/06 FT 400 GeV beam

BLM3PS on TIDV dump 10/11/06 FT 400 GeV beam