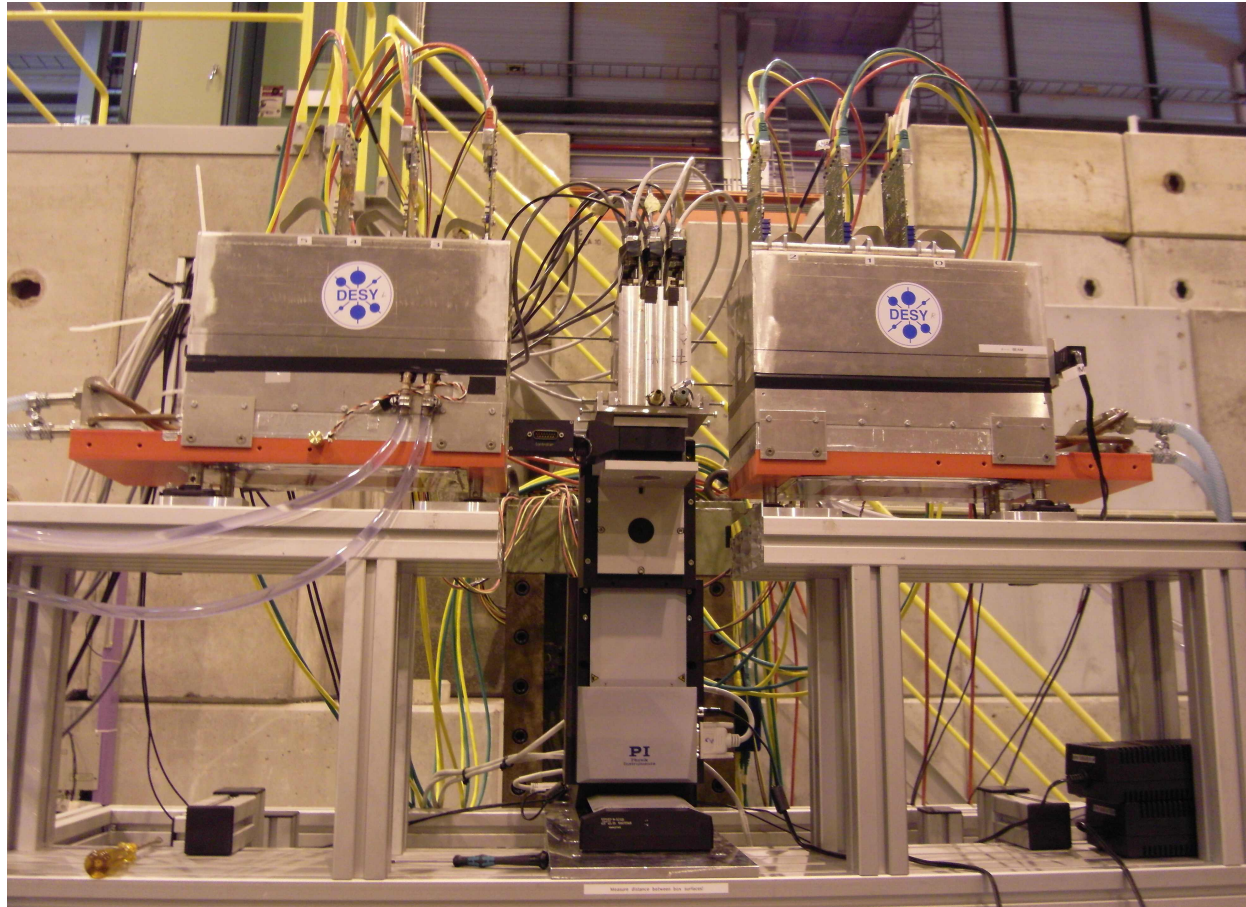


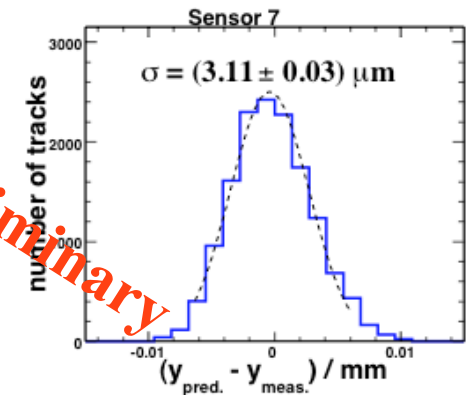
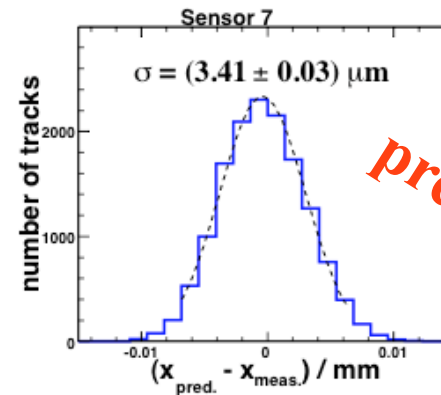
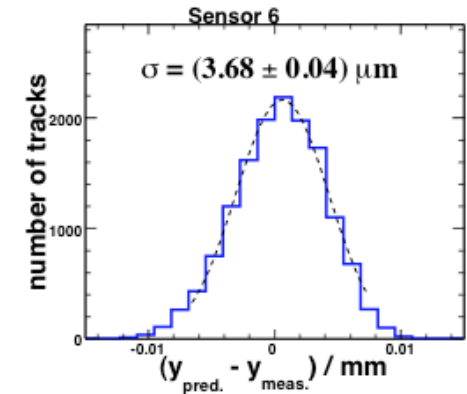
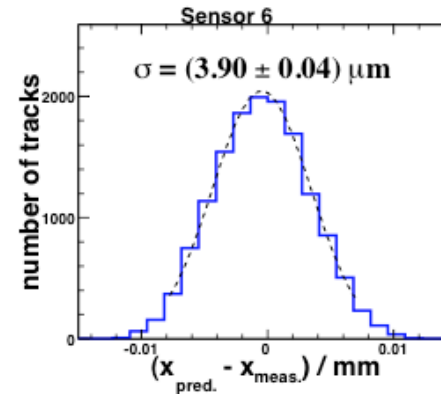
STATUS JRA 1 TELESCOPE

- Telescope currently running at CERN
- Disassembly to go back to DESY around mid November
- Three Mimosa26 run as DUT in July
- Users used Demonstrator as here in DESY
- Software meeting helped to prepare detailed to-do list to be ready for the summer
- So far “season” was **very** smooth
- Extreme good support by CERN, especially Horst Breuker, Henric Wilkens and Edda Gschwendtner

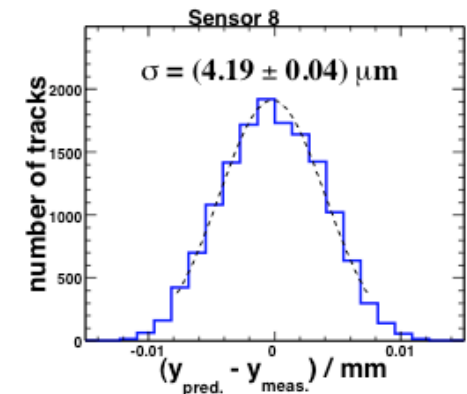
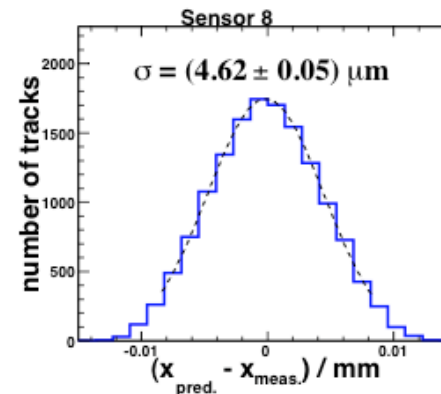


MIMOSA26 AS DUT

- Very preliminary results of three Mimosa26 as DUTs in demonstrator telescope
- Test of new readout and full system
- Residuals reflect the convolution of the alignment with the sensor intrinsic resolution (alignment also preliminary)
- New plots in “DUT mode” to be expected soon
- Residuals are close to the sensor resolution
- Final telescope is already on a good track to reach its nominal operation conditions



preliminary



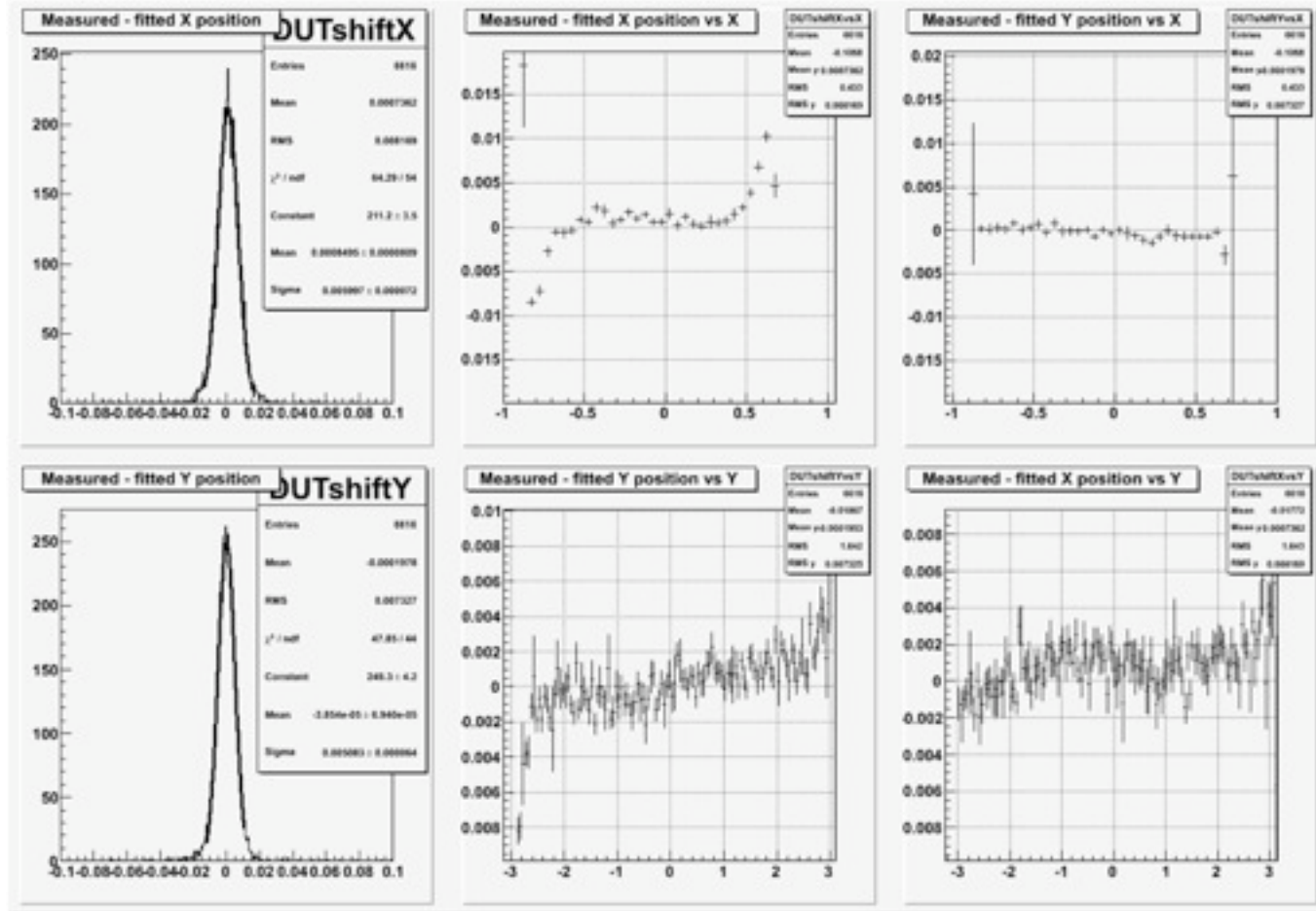
CONFIRMED USERS 2009

Project title	People and Schedule	contact person
Application for Transnational Access to the CERN Testbeam and usage of the EUDET telescope BTELE-2009-01	5 people Testbeam: 11.08 - 28.08 Destination: CERN	J.J. Velthuis
Using the EUDET pixel telescope for studies of silicon strip sensors with integrated pitch adapter BTELE-2009-02	4 people Testbeam from 19 till 31. August Destination: CERN	Thomas Bergauer
REQUEST FOR EUDET SUPPORT TO LUCID TEST BEAM BTELE-2009-03	5(4 asked for support) people Testbeam: 1.07 - 15.07	Marco Bruschi
Proposal for a Test Beam Run at CERN SPS in August 2009 Experiment: DEPFET Active Pixel Sensors BTELE-2009-04	5 (4 asked for support) people Testbeam: 6.08-12.08	Hans Krüger
PROPOSAL for ILC TPC GEM prototype measurements using the DESY test beam TPC-2009-01	4(3asked for support) people Testbeam: two week from 13.07-26.07	P. Christiansen

- Feed back and first results from users in users meeting during Annual Meeting

DEPFET

- DEPFET is using the telescope for the third time -> routine
- fully integrated in DAQ -> online displays etc.
- Very preliminary plots



SILC TEST BEAM

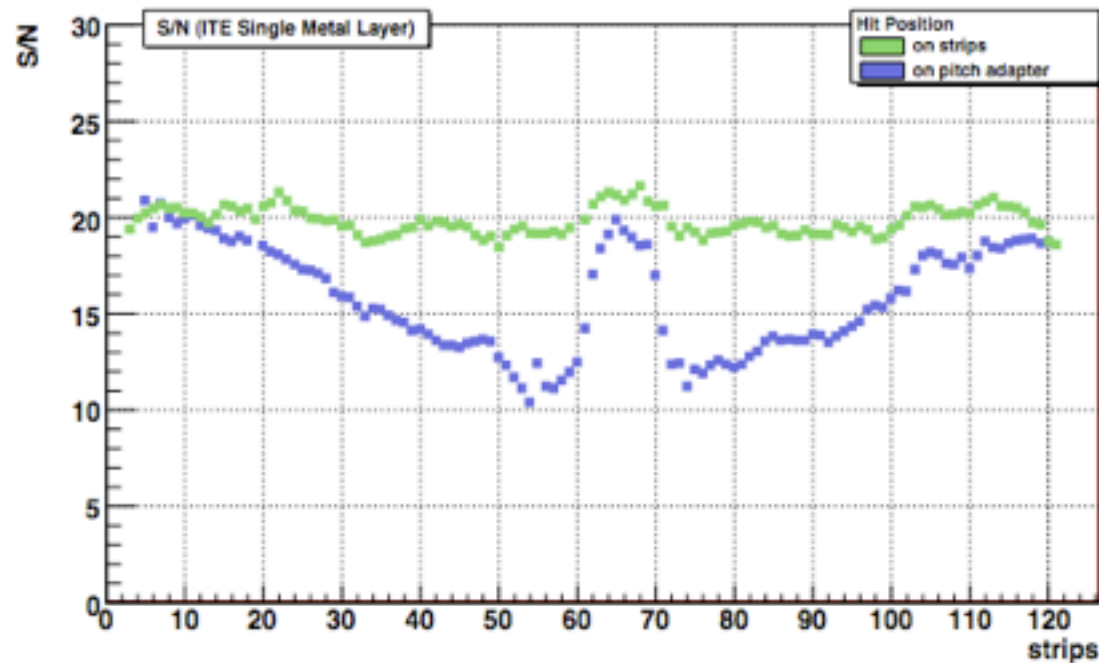
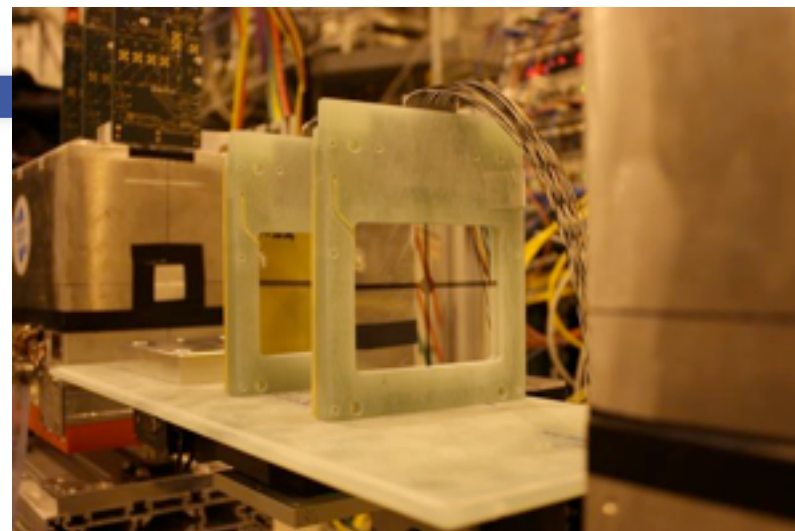
Testbeam at CERNs SPS

(19. to 26. August 2009)

- CERN SPS North Area: H6B
- Low intensity 120 GeV with
 - Pi+ 55.67 %
 - p 38.95 %
 - K+ 5.38 %
- Slow control/monitoring: HV, T, RH
- Full remote control

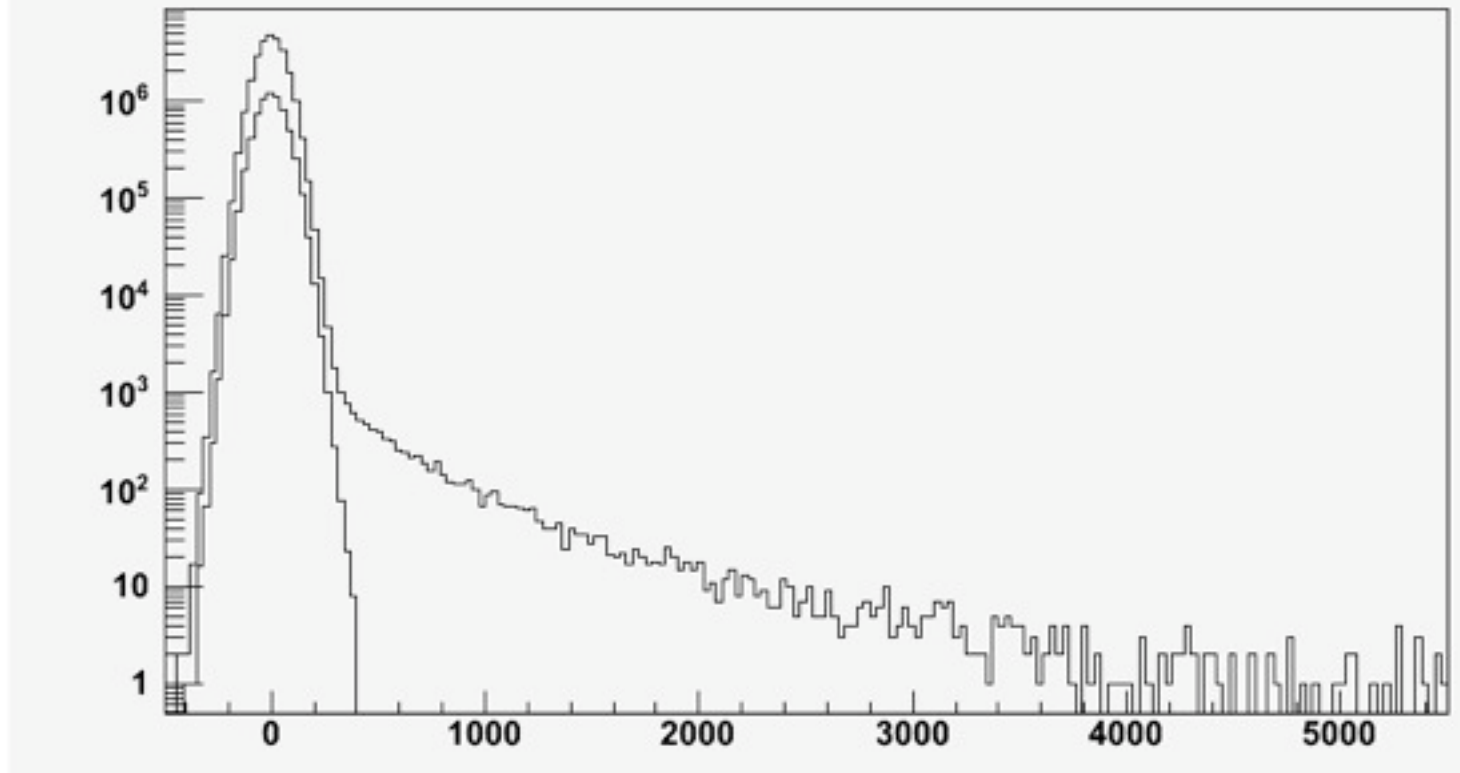
Results

- 3.2 Million events
- 1 TB of data



SPYDER

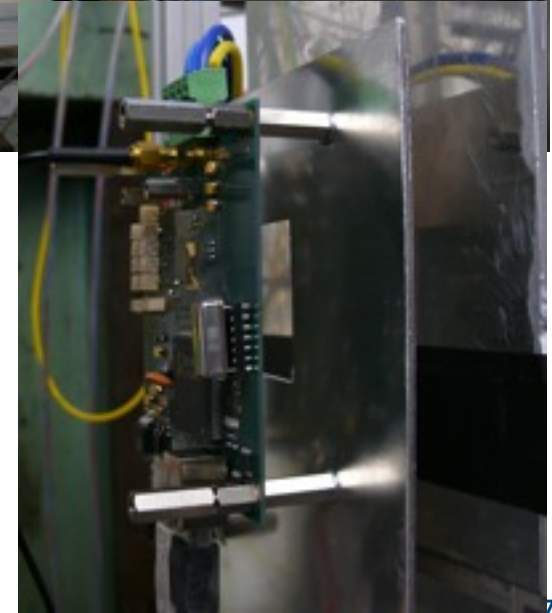
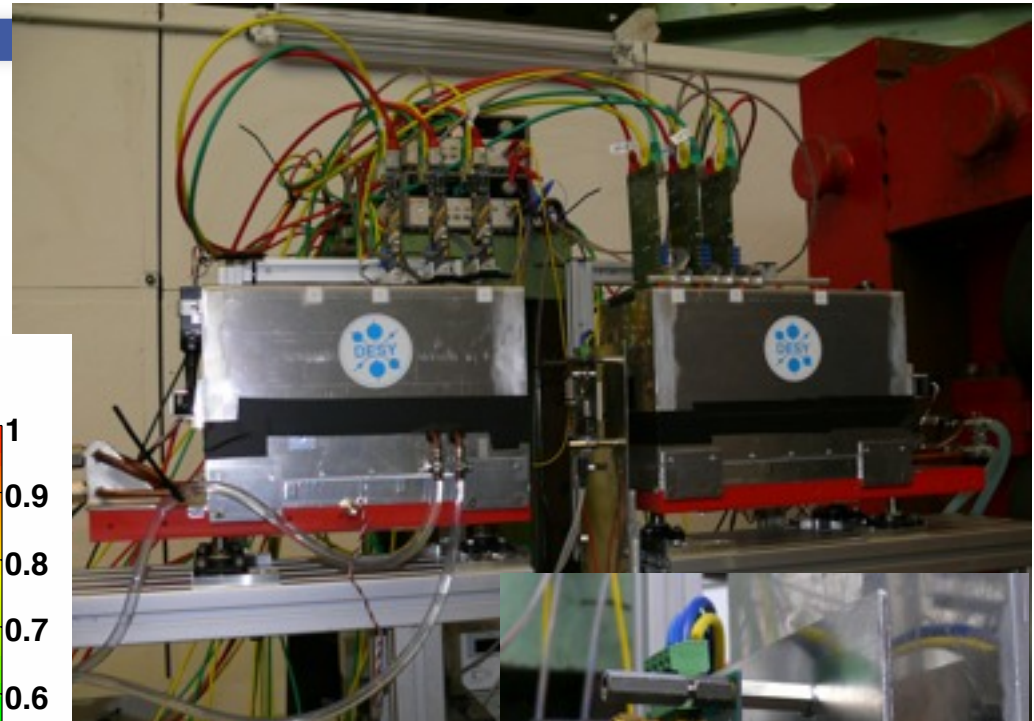
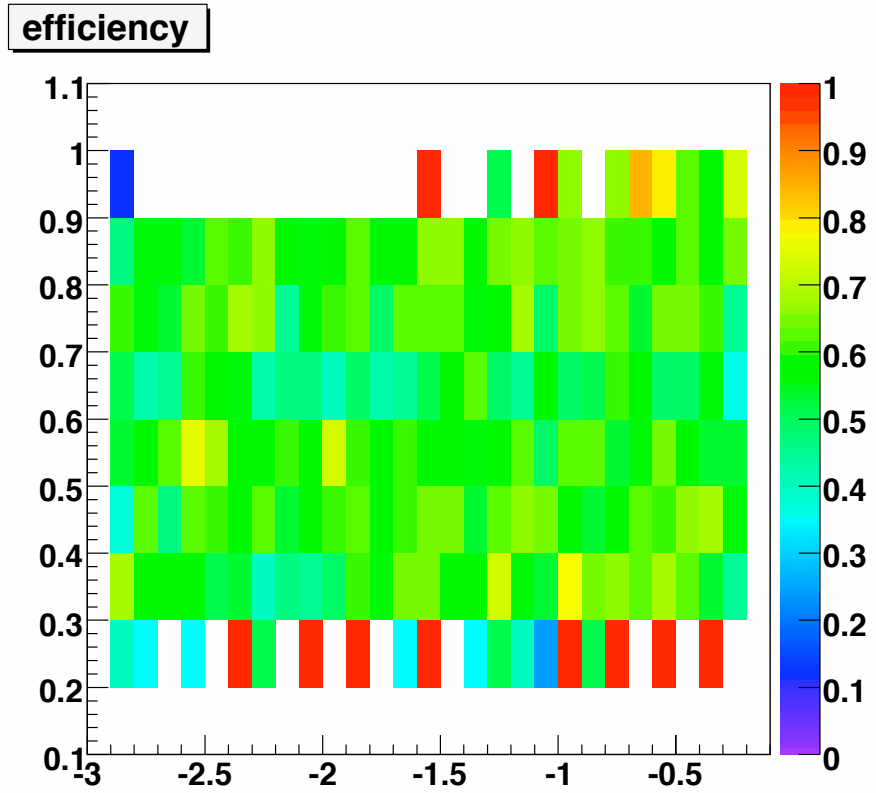
raw Signal clean 0



- Very preliminary Landau plot

CURRENT USER: IVAN PERIC

- new pixel sensor
- fully integrated in DAQ
- not taking data yet (problems with SPS)



JRA 1 SUMMARY

- The JRA1 telescope (demonstrator) is running successfully with LC and LHC users at CERN all summer
- Users meeting during Annual Meeting -> Feed back and results
- Statistics of data and computing time also at Annual Meeting

- A first test with 3 Mimosas26 showed that DAQ hardware and software are ready for the final telescope
- Preliminary results show expected performance -> annual meeting

- The telescope will be upgraded to the final version in September (Milestone end of month)

- Two user groups scheduled for October/November for Final Telescope
- Return to Hamburg: mid to end of November

- In parallel: planning of telescope copies