

# Lasers status

## **LASER1:**

- Laser1 OFF Wed. 2 June. Maintenance and service from Monday. Replace 2 main parts (HV pulser And pockel cell) to improve stability while there was no visible defect.

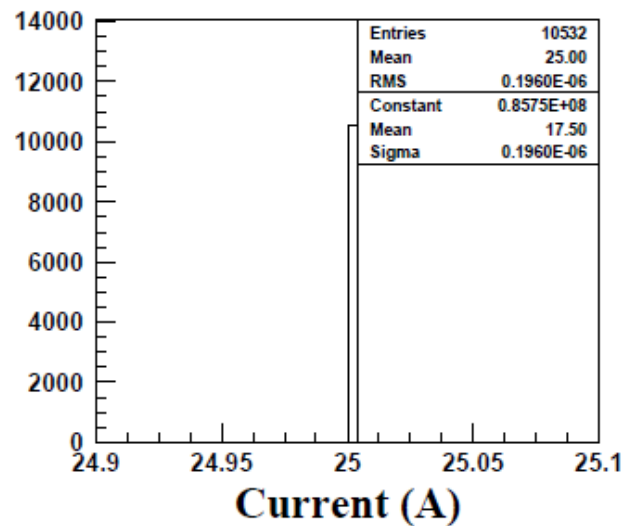
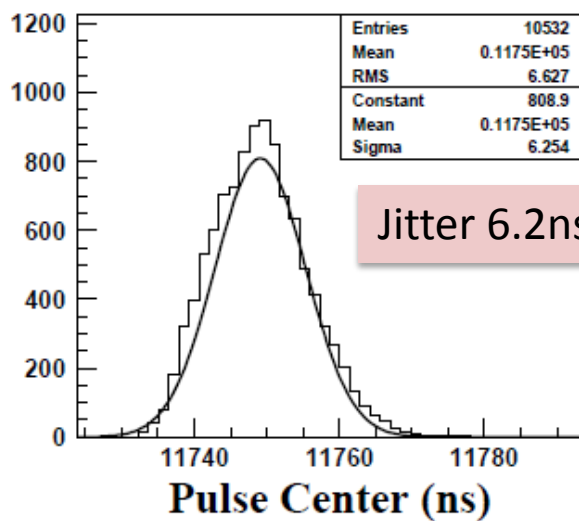
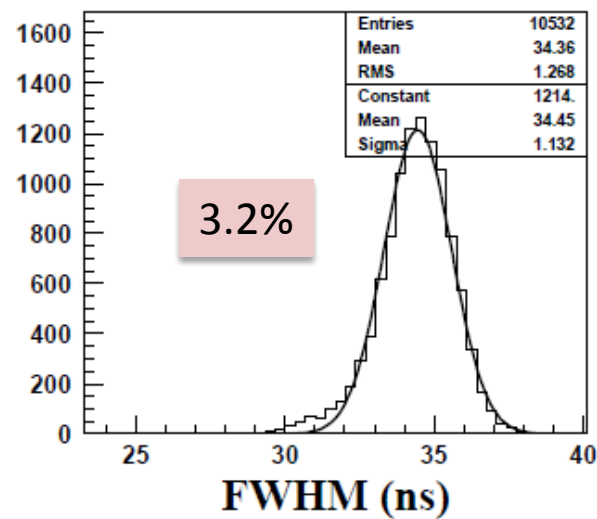
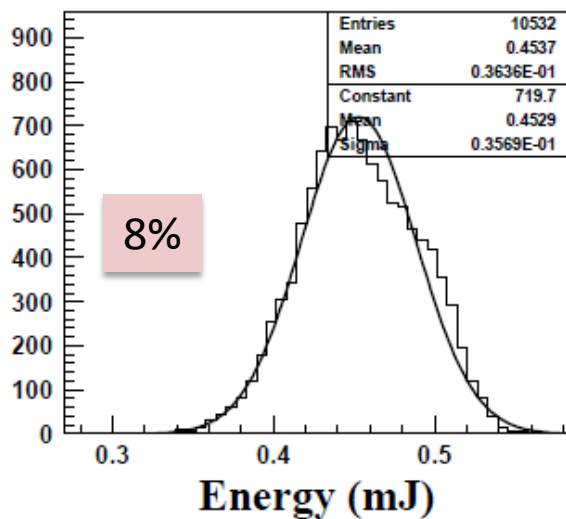
## **LASER2:**

- Online since Wed 2 June at high current: 25A, to compensate low power.
- > degradation over the weekend explain by the fact that I have had no time to leave running the laser a long time before AND valve problem which was on Laser3 before (logic unit)

## **LASER3:**

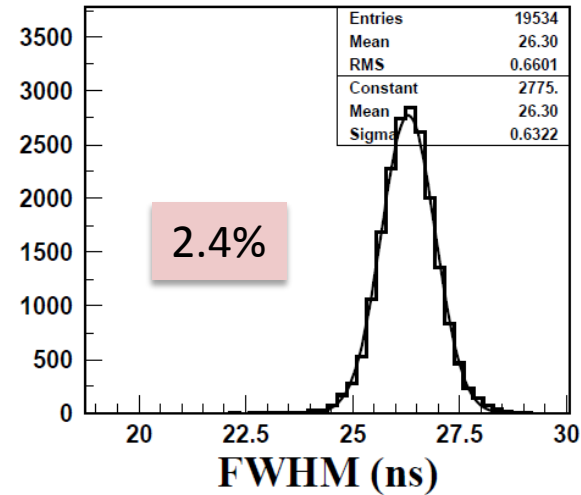
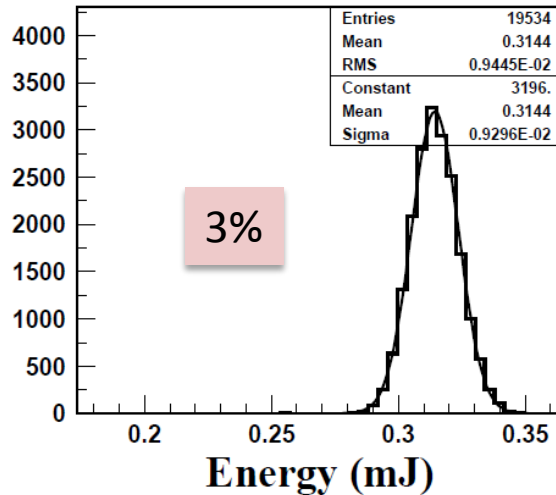
- New logic unit installed since 1 June. (quite different model) → explain why power is a bit different and need adjustment.
- Still no remote control for this board. Under investigation by Kejun remotely.
- very short incident yesterday:
  - . current jump from 20.5 to 22.8A.
  - . RED laser fired instead of blue → seen on the Matacq 5hrs

## Ti:S Laser2

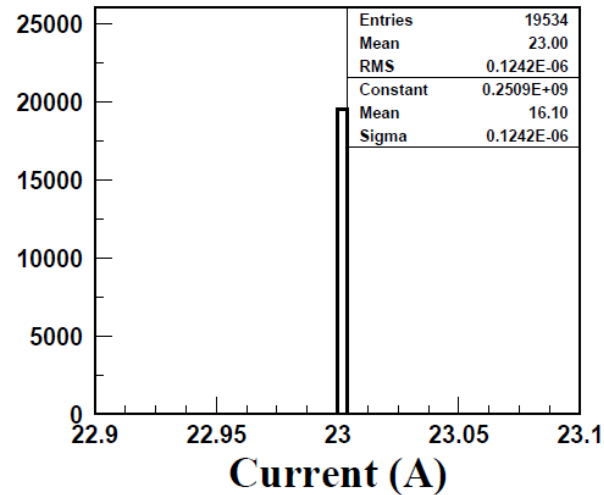
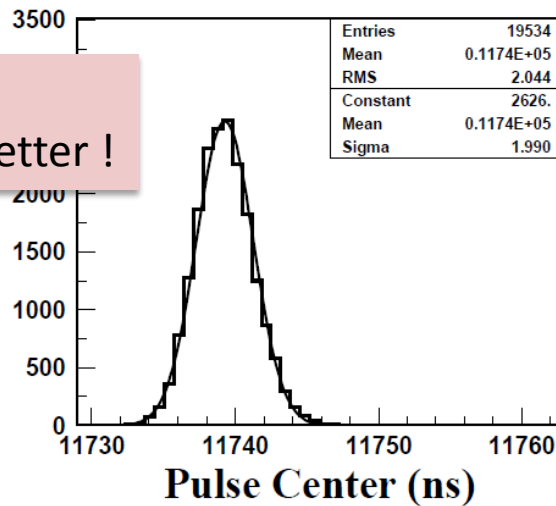


# Blue laser1 OFFLINE from 7 to 8 June

## Ti:S Laser1



Jitter 2ns:  
Hard to be better !



Laser1 ready to be online but keep it running more days

8 June

David BAILLEUX