

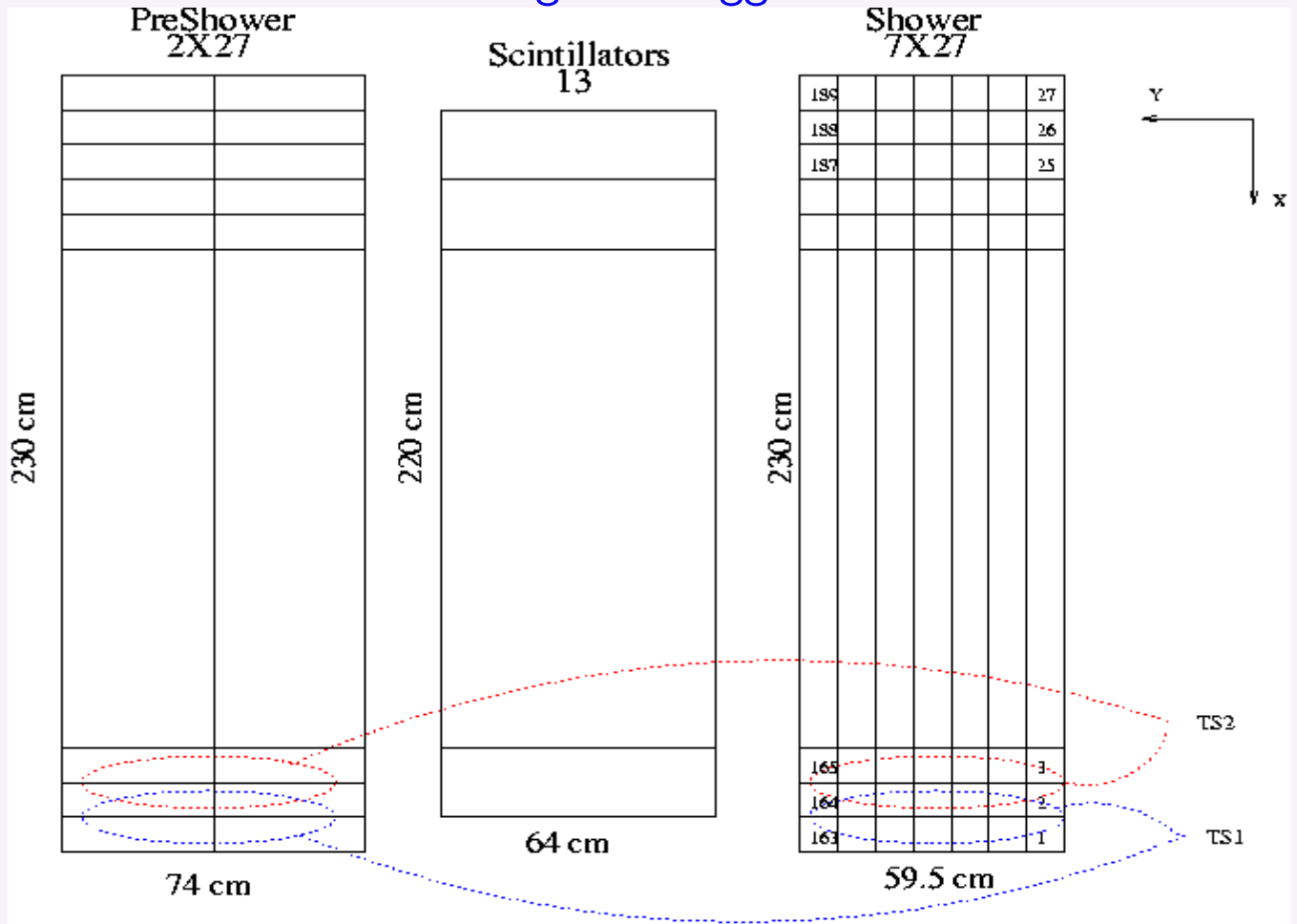
Bigbite Trigger/DAQ preparation for May test run

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BigBite Trigger



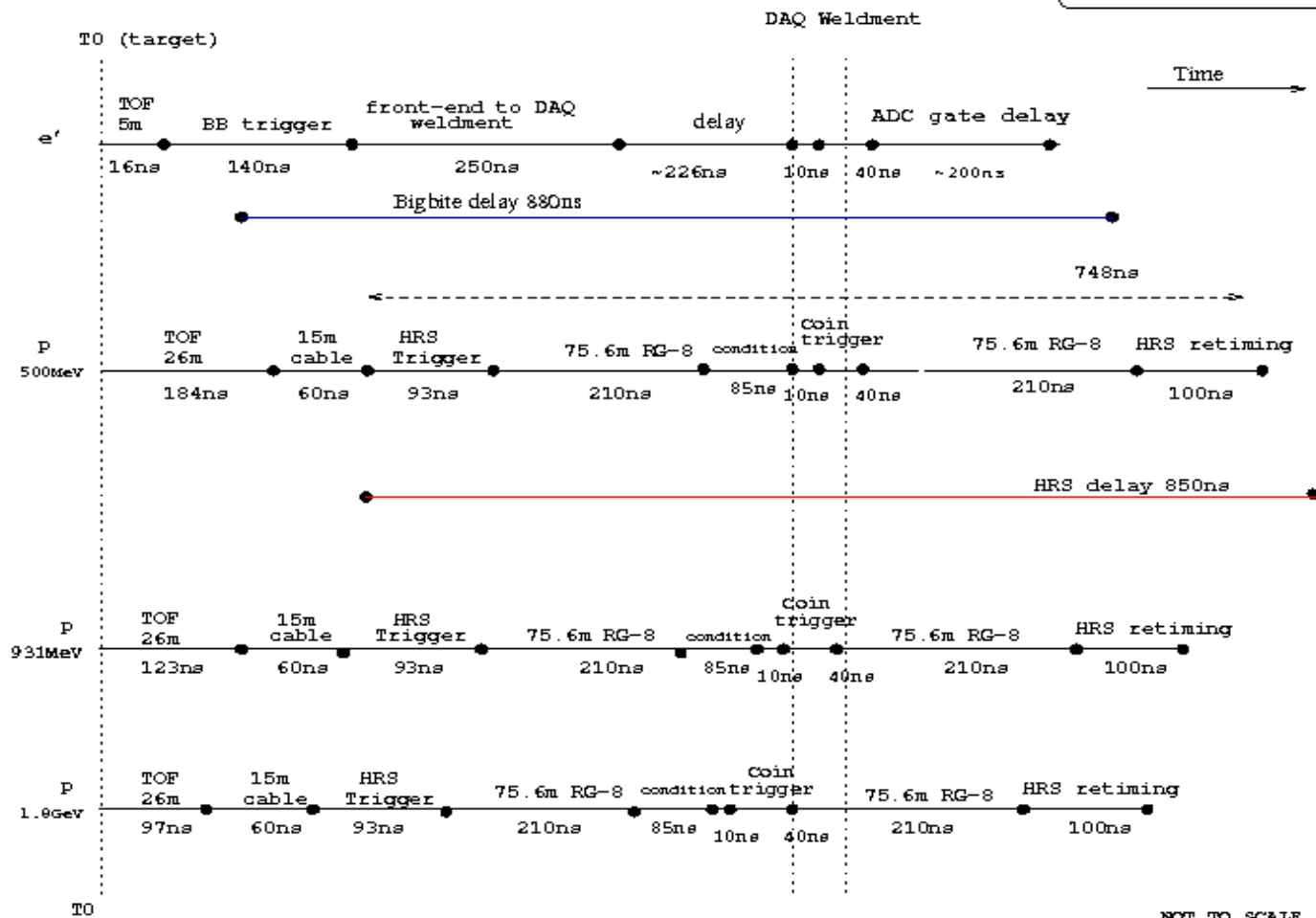
- Each TS is sum of 4 preshower and 14 shower blocks.
- Trigger is formed by OR of all TS channels

BigBite trigger/DAQ preparation for May test run

- Finished cabling Bitebite trigger(formed out of total shower).
- Checked timing for all the shower clusters - looks good.
- Cherenkov+ total shower will be a separate trigger type?
- Bigbite scintillators plugged to LeCroy 1877 TDC. Need to plug them in high res TDC like CAEN 775?
- No spare seven inputs summing modules for shower?
- Scalers
 - Normalization scalers(triggers,bcm,helicity etc) in LHRS.
 - Bigbite scalers can be setup similar to pi0 experiment.
- Made a rough coincidence trigger timing diagram - L-HRS analog delay is enough.

E08-007 Coincidence Trigger Time Diagram

Kalyan Allada
1st May 2008
Version 1.1



NOT TO SCALE