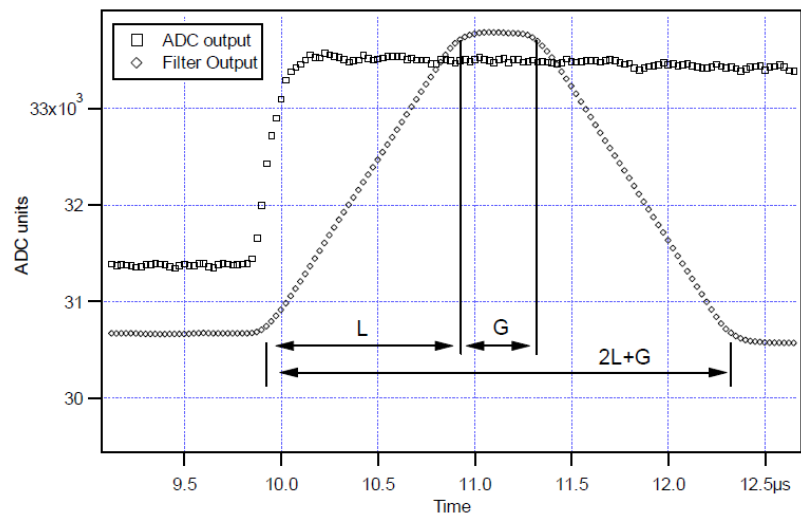## Options for electronics

Individual Spec. amps, CFDs and TDCs for each detector with common start/stop
    Suitable CAEN VME modules

Digital sampling ADCs for energy and time extraction from one channel -now possible

Digital solution

CAEN V1742
- 5 GHz sampling (200 ps/sample)
- 32+2 channels
- 1 V input range
- FPGA possible
- 12 bit adc (4096 channels)
- Can record up to 200 ns of waveform
- Can store up to 128 events/channel
- Up to 8 modules can be chained

Similar modules (slower clock) in use at ILL
    Seem to work O.K.

BUT FPGA needs to be programmed

Analogue VME electronics
Caen

TDC V1190B 64 chan,
100 ps resolution, 52µs range

Will need common start/stop -ion and/or beta

V812 16 Chan CFD