

Summer internship

GBAR TOF Detector Assembly & Gain Calibration

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GBAR

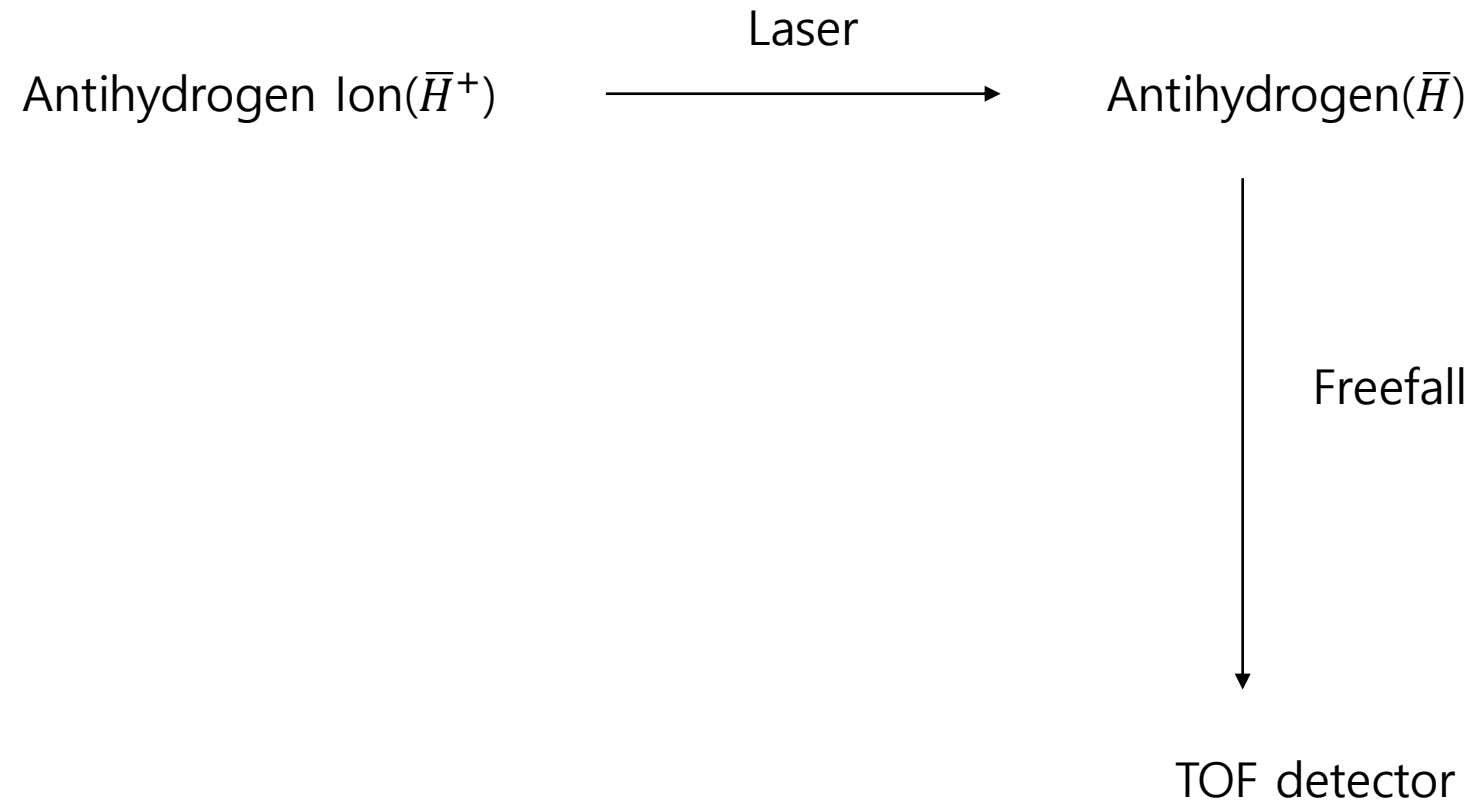


GBAR linac

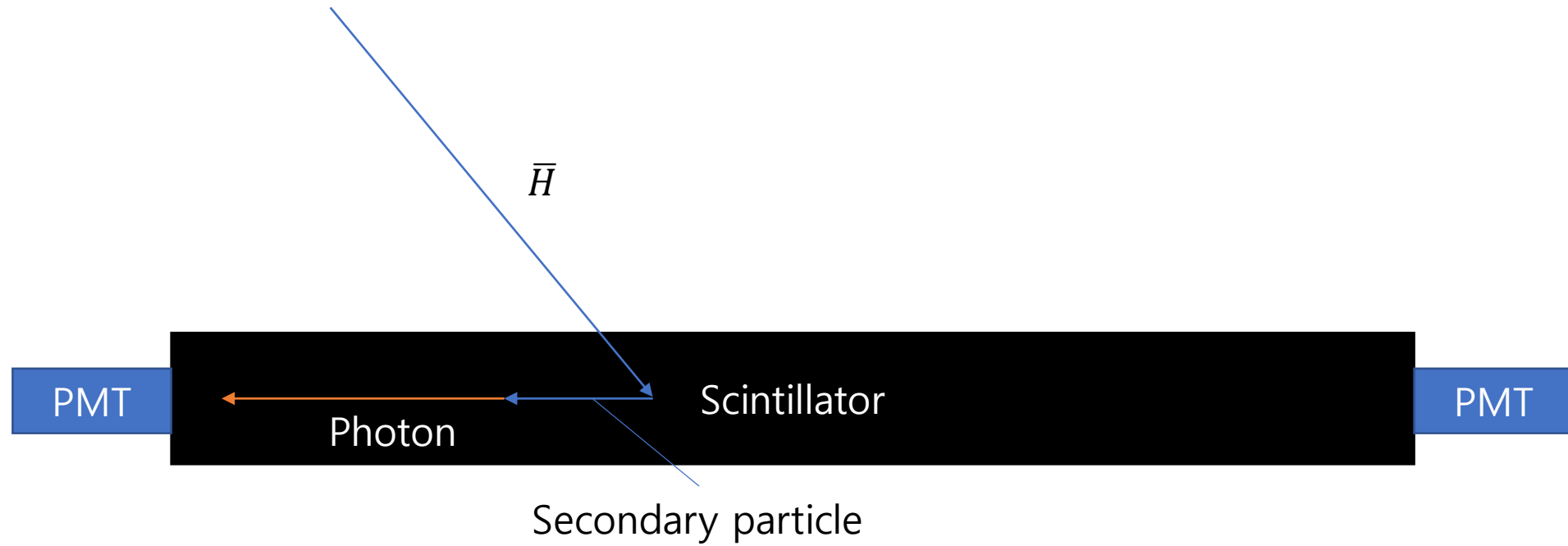
- Gravitational Behaviour of Antihydrogen at Rest
- SNU, Korea University, ETHZ, etc.



Tof detector



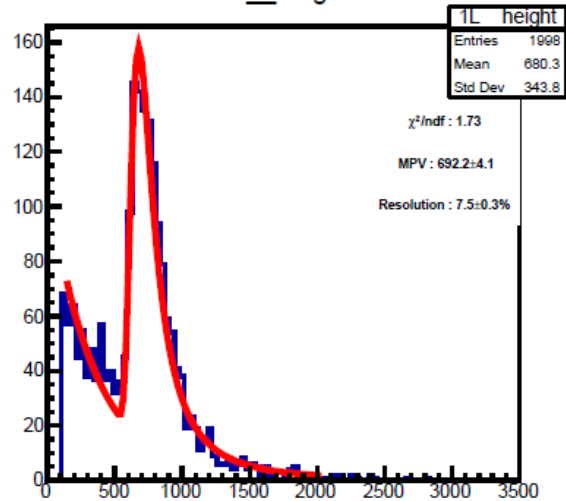
Tof detector



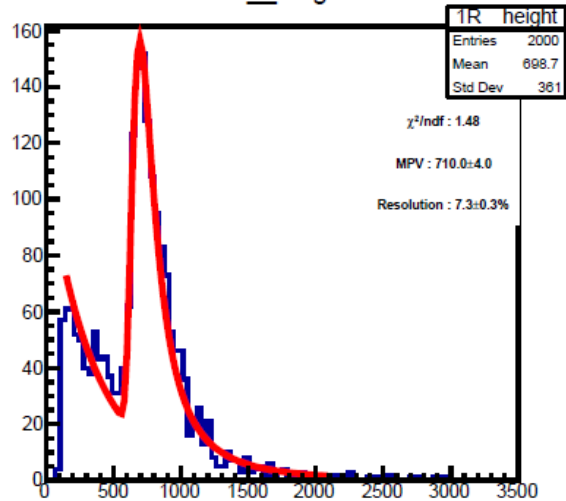
Gain Calibration

- Using muons to test& calibrate gain of the detector(42, 44, M, K, L)
- 30000 events, trigger condition 6 coincidence(1L,2L,3L,1R,2R,3R)
- Landau distribution & Exponential fitting

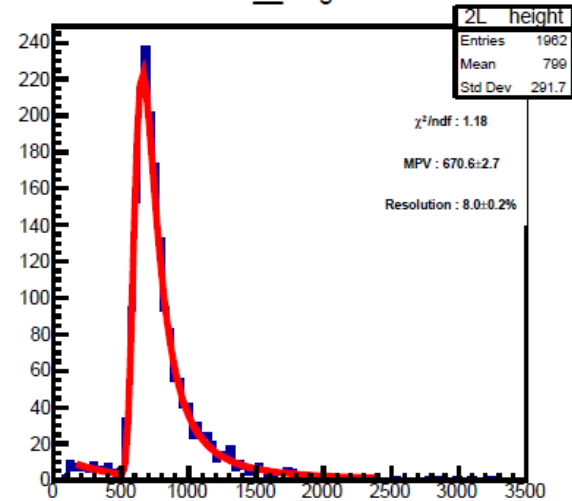
1L_height



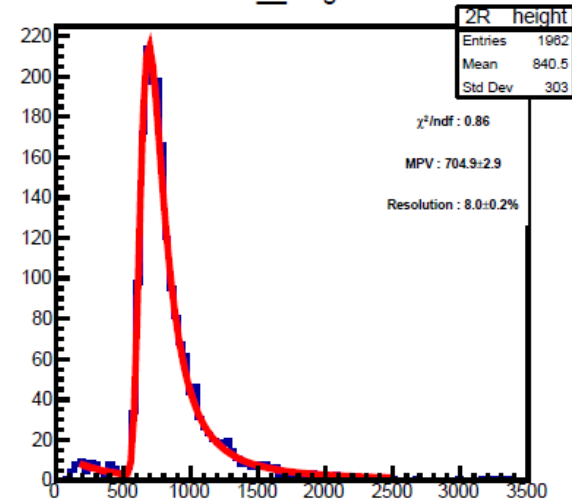
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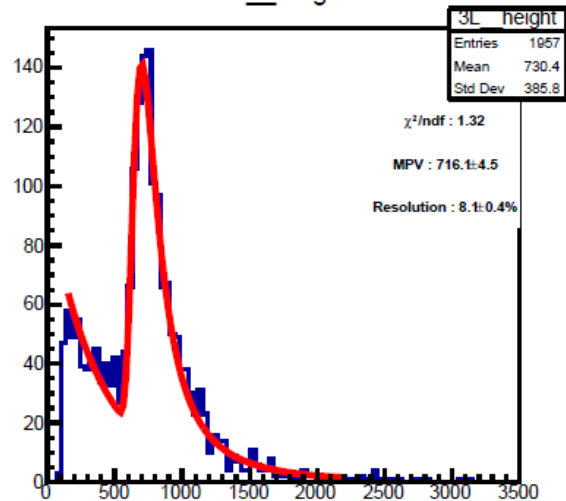
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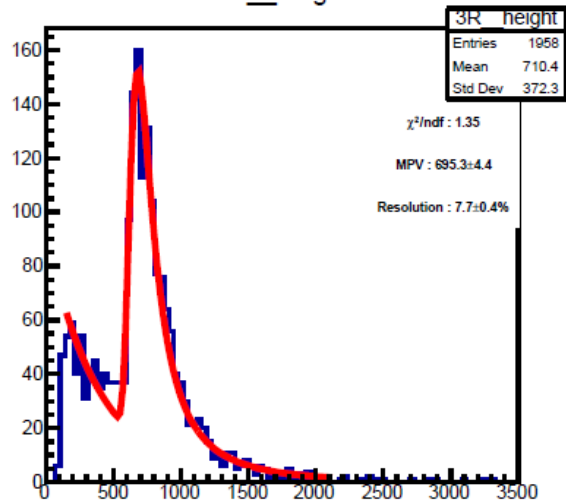
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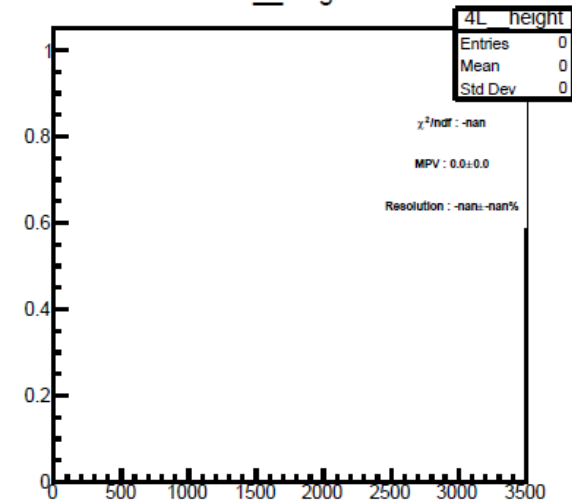
3L_height



3R_height



4L_height



4R_height

