

Effect of Photon Angle

Beam centered on module for both runs

PMTs

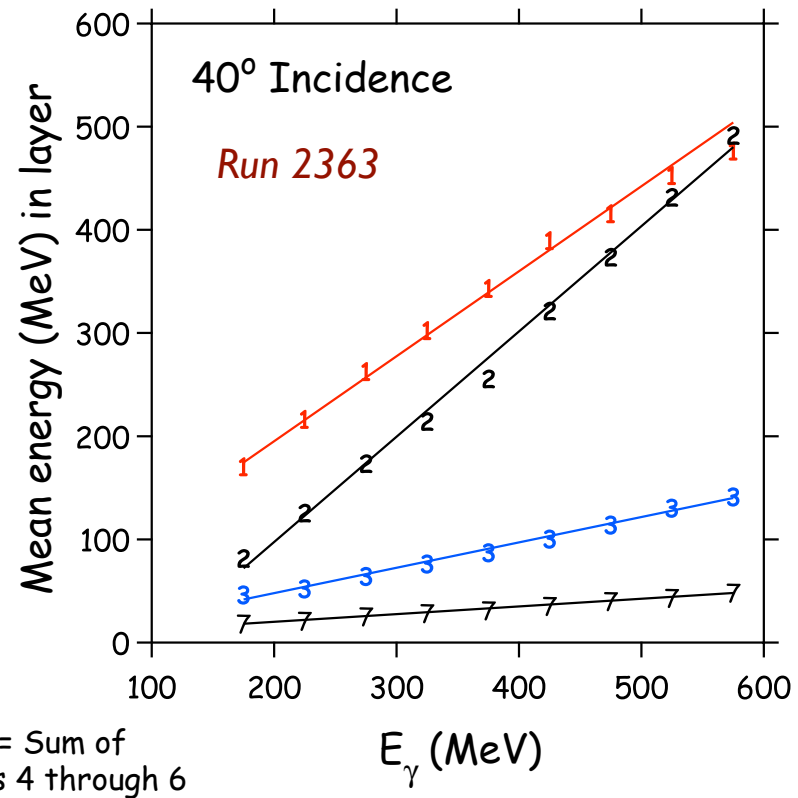
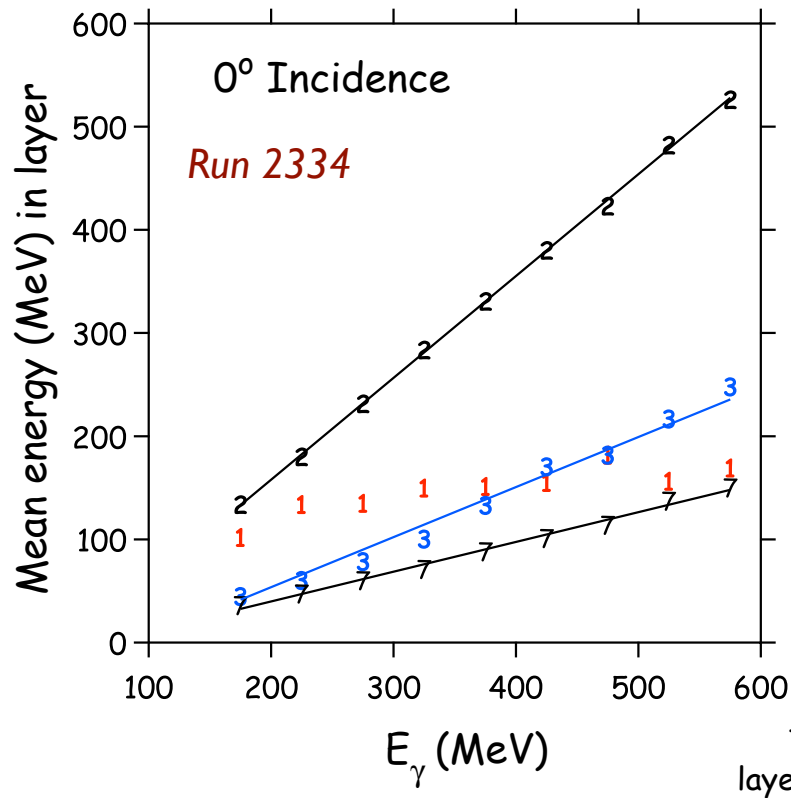
Information on PMT numbering from Rafael:

Sector 1 is on top (please find the numeration of sectors in e-logbook) or let me repicture the sectors that I have put in e-logbook

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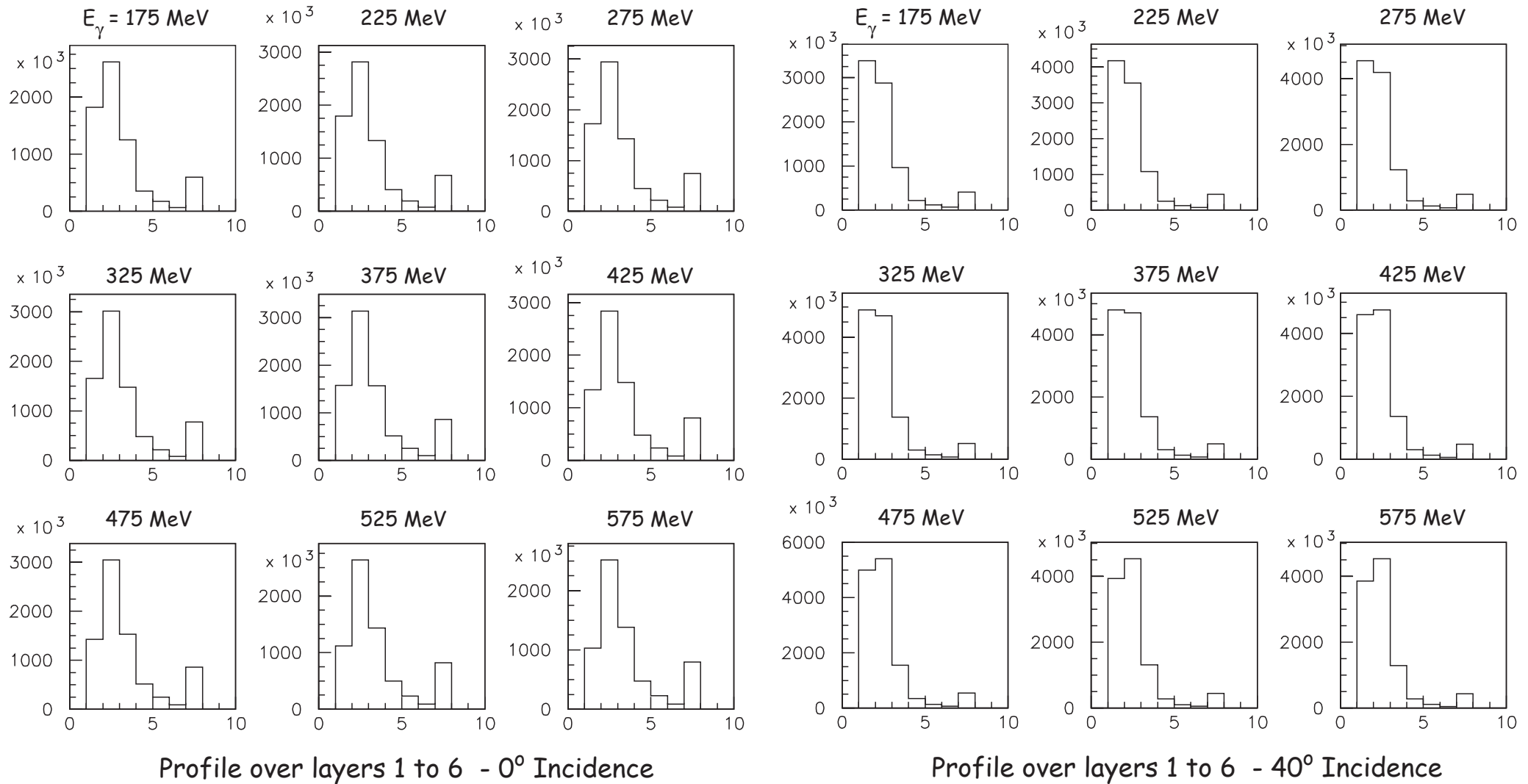
beam      1 2 3 4 5 6
----->  7 8 9 10 11 12
          13 14 15 16 17 18
    
```

and the photon beam enters the BCAL from the left site, i.e. the beam traverse the module layers 1 to 6.



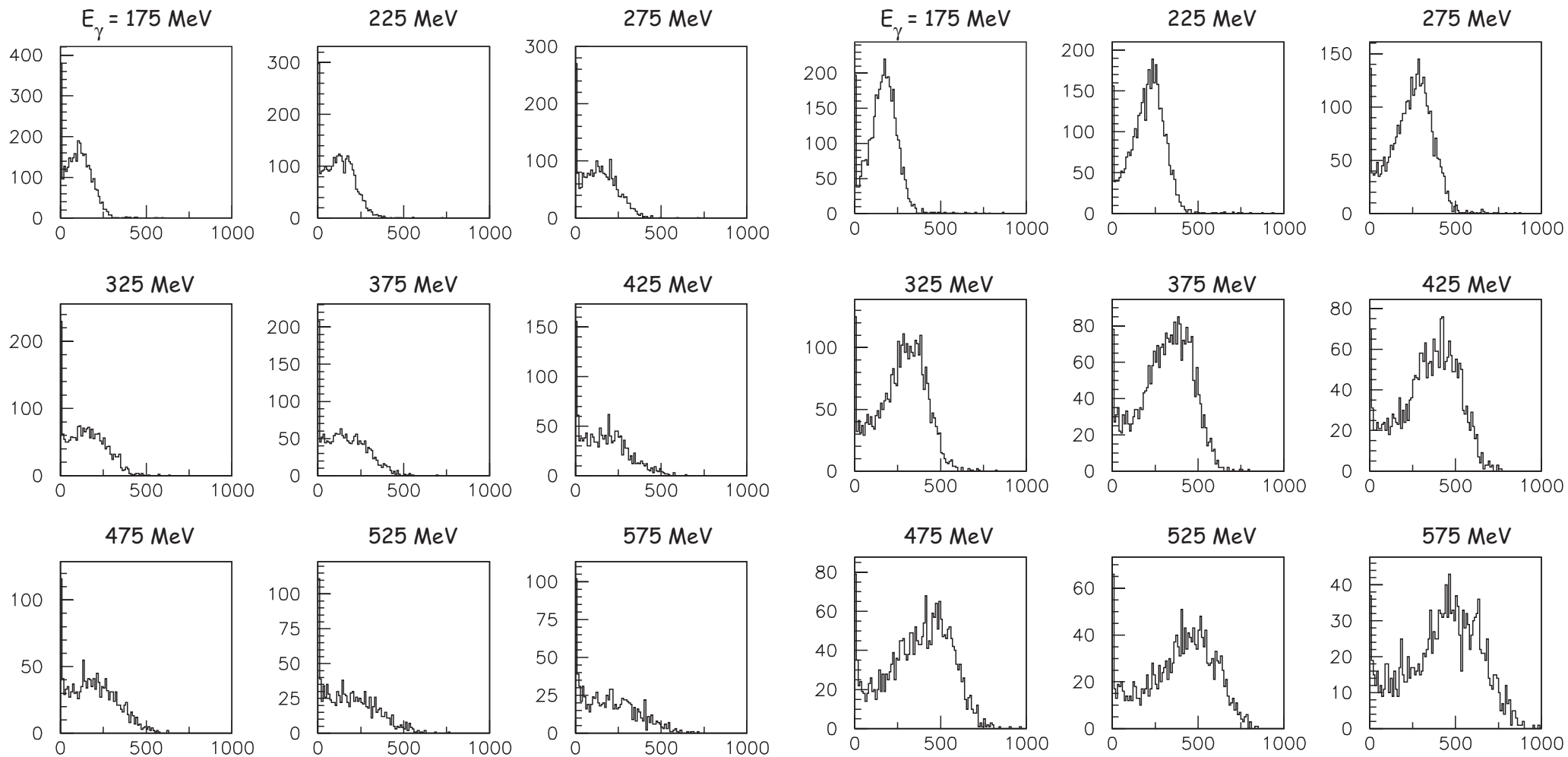
Each layer is the sum of three PMTS - upper, middle and lower sectors

Profile in Depth



Each bin is the sum of the energy in a layer - the last bin (#7) is the sum of layers 4 through 6

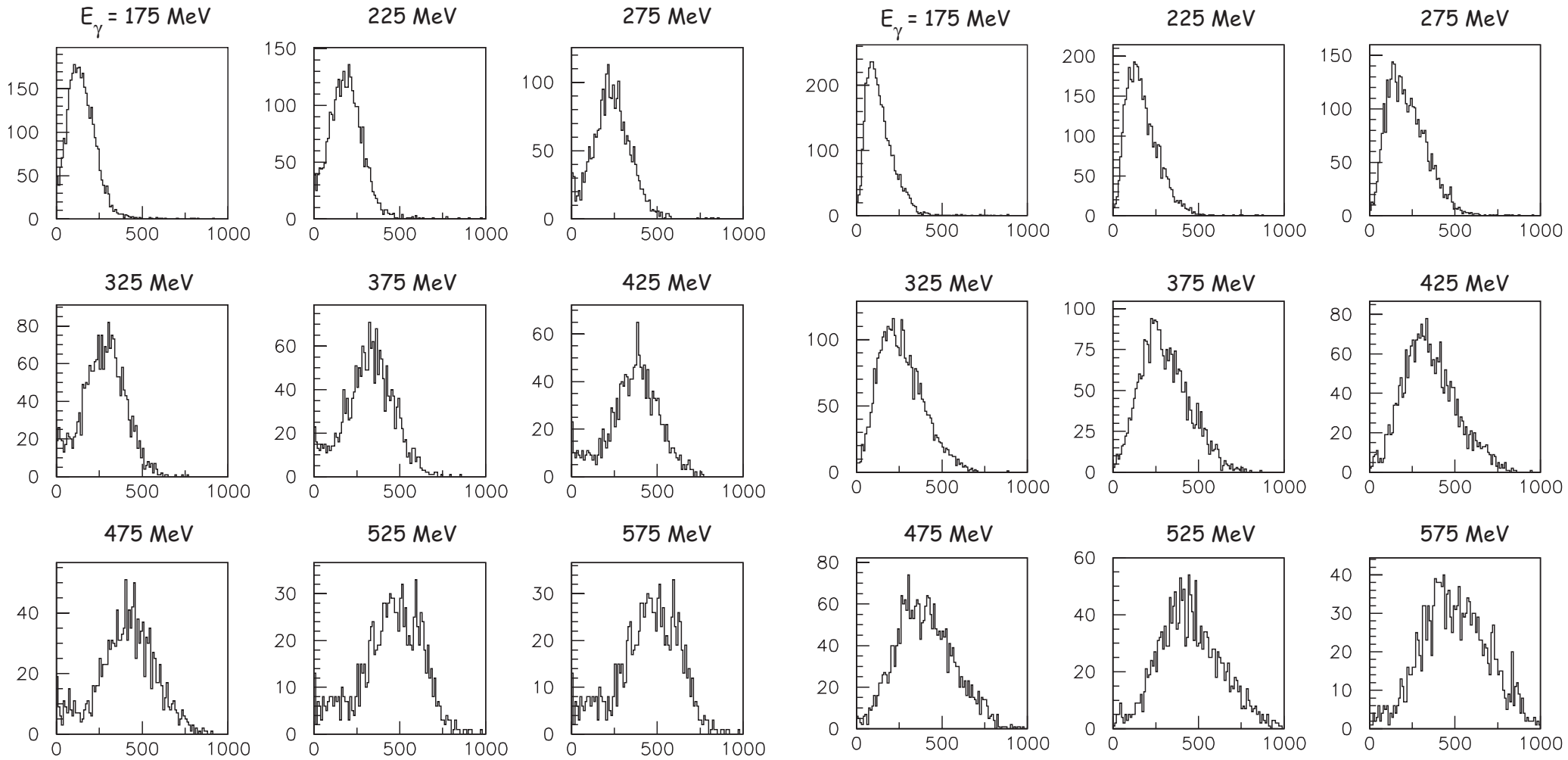
Energy in Layer I



Energy (in MeV) in Layer 1 - 0° Incidence

Energy (in MeV) in Layer 1 - 40° Incidence

Energy in Layer 2



Energy (in MeV) in Layer 2 - 0° Incidence

Energy (in MeV) in Layer 2 - 40° Incidence