Simulation of Spectra for Cosmic Muons in BCAL

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- * GEANT3 with fiber-level model for BCAL
- * 4-GeV/c muons only (cos² distribution)
- * No magnet yoke
- * No "3-degree-rotation correction
- * Ideal positioning of the top trigger detector (no 14" shift)

Module #13:

59.16/44

59.16744 2379±32.4 0.7893±0.0021 0.1331±0.0013 0.5431±0.0116 425.8±15.8

 0.7034 ± 0.0197

397± 12.6 1.141± 0.025

31449

270.5 / 107 948.9 ± 12.9

L551± 0.030

36231

676.2 ± 8.8 4.005 ± 0.008

0.4603± 0.0049

0.3112± 0.0131

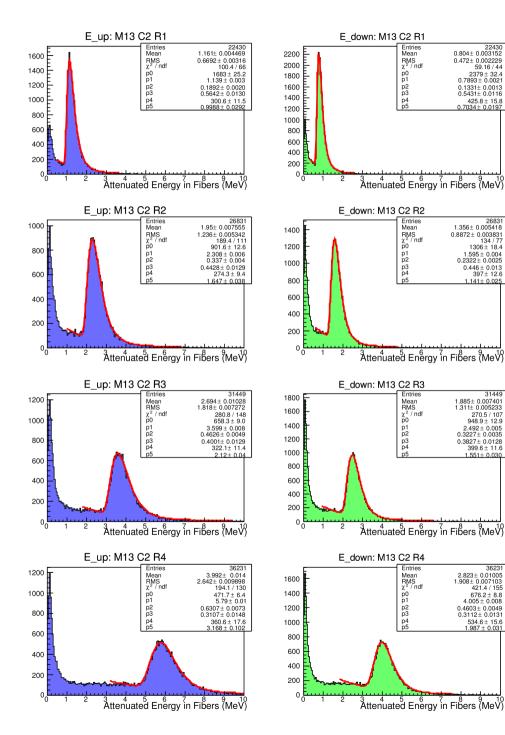
534.6 ± 15.6 1.987 ± 0.031

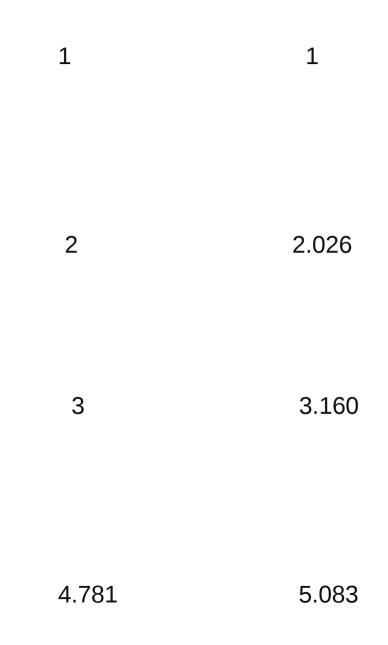
2.492 ± 0.005 0.3227 ± 0.0035

0.3827± 0.0128 399.6 ± 11.6

Thickness Ratio

Peak Ratio





Module #1 :

Thickness Ratio

Peak Ratio

