Simulation of Spectra for Cosmic Muons in BCAL

Andrei & Irina (UofR)

* GEANT3 with fiber-level model for BCAL

* 4-GeV/c muons only ($\cos^2$ distribution)

* No magnet yoke

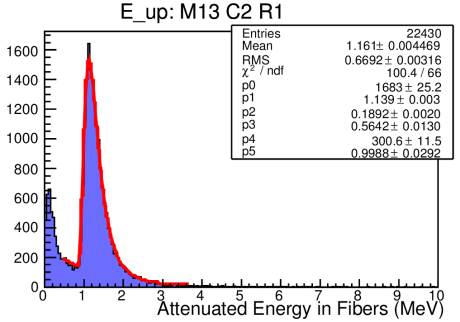
* No “3-degree-rotation correction

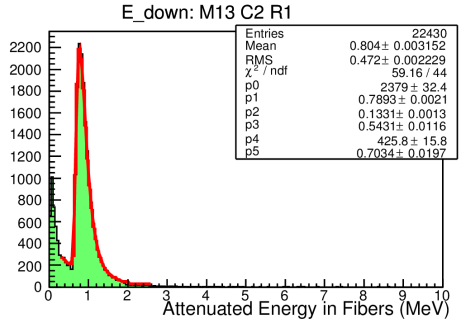
* Ideal positioning of the top trigger detector (no 14” shift)

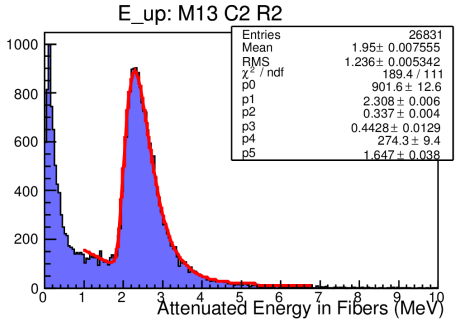
July 31, 2014

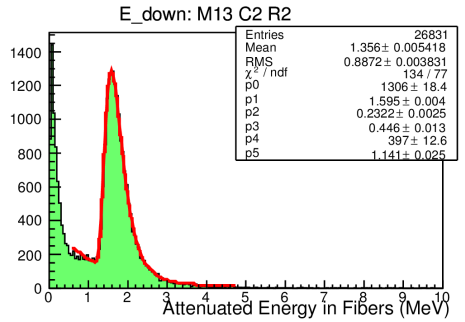
Module #13:

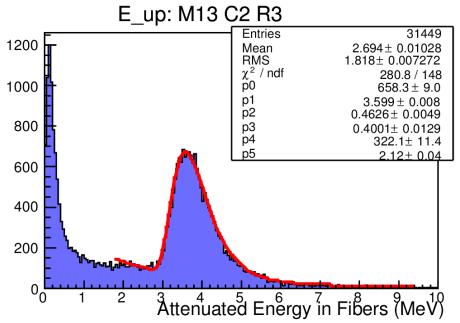
Thickness Ratio	Peak Ratio
1	1
2	2.026
3	3.160
4.781	5.083

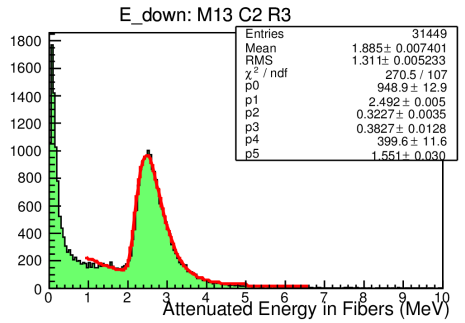


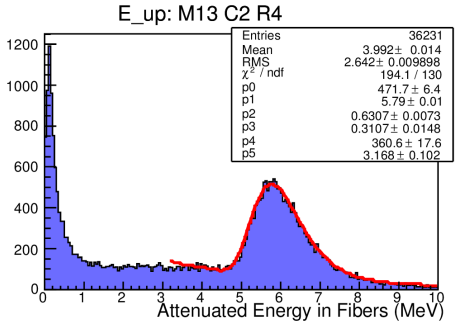


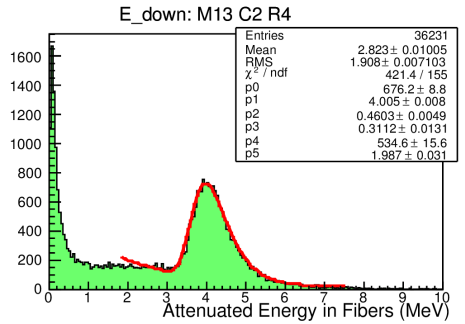




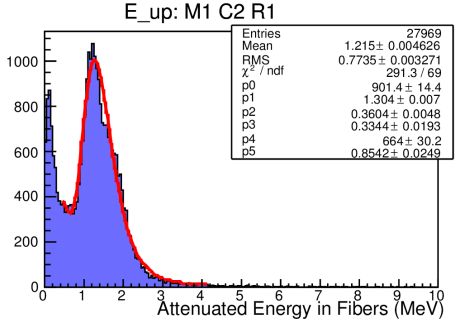


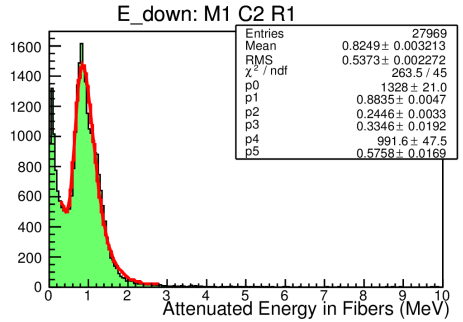




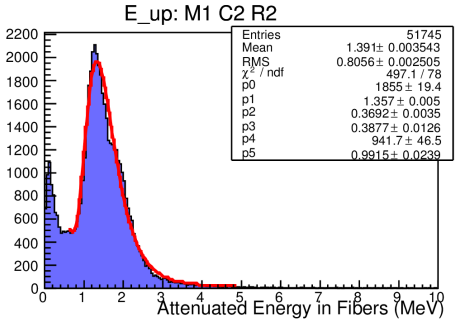


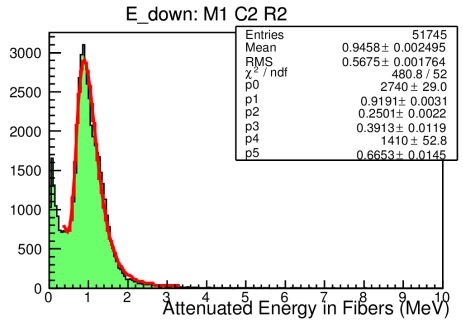
Module #1 : Thickness Ratio Peak Ratio



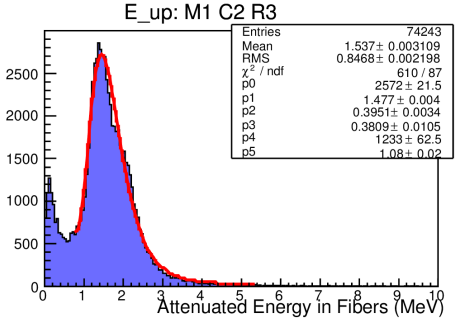


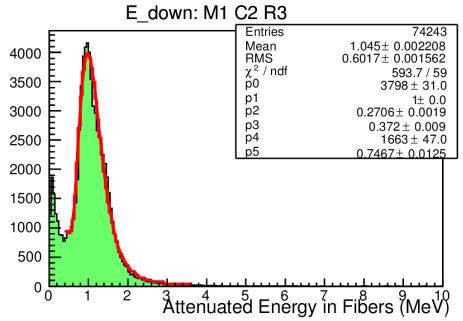
1 1



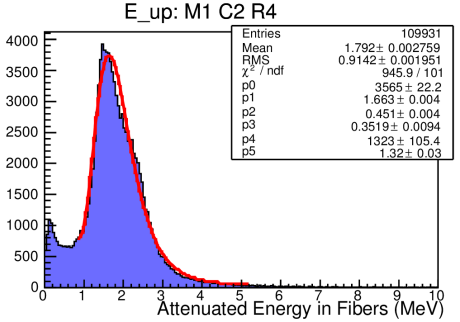


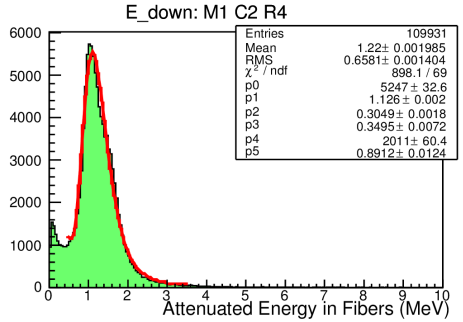
1.047 1.041





1.125 1.110





1.247 1.275