Monitoring the SD/FD Timing and HE/Co Relative Energy

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Monitoring He/Co relative calibration using real events

- 1. Events crossing HEAT and Coihueco field of view were selected.
- 2. When performing the G-H profile fit, a scaling factor multiplying HEAT data points is included in the fit.
- 3. The results were compared with direct measurements using HEAT in downwards position. They seem to be off by a constant factor.
- 4. The profile fit and the **HEAT in downwards** position results were used to fit the calibration function and the (1.25) scaling factor.



Monitoring He/Co relative calibration using real events

1. If using only the first two **HEAT in downwards** position results to fit the calibration function and the (1.24) scaling factor.



