

**A MEASUREMENT OF THE AVERAGE LONGITUDINAL DEVELOPMENT PROFILE OF COSMIC RAY AIR SHOWERS BETWEEN  $10^{17}$ EV AND  $10^{18}$ EV**

**HiRes/Mia Collaboration**

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The average extensive air shower longitudinal development profile is measured. Events between  $10^{17}$  and  $10^{18}$ eV recorded by the HiRes/MIA hybrid experiment are used for the average profile. Several functional forms are examined using this average profile. The best-fit parameters for the above functions are determined.