

COSMIC RAY ASYMPTOTIC DIRECTIONS FOR YANGBAJING (TIBET) EXPERIMENTS

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Using the International Geomagnetic Field model for Epoch 1995.0 (IGRF 95) we have made a particle access study for the Yangbajing experiments located in Tibet ($30^{\circ} 06' 38''$ N – $90^{\circ} 31' 50''$ E, 4300 m a.s.l.). Asymptotic directions and cutoff rigidities were calculated for the 100.00 – 4.10 GV rigidity interval for the following directions: vertical (zenith = 0°); and zenith angles 15° and 30° for 8 azimuthal directions: (0° , 45° , 90° , 135° , 180° , 225° , 270° , 315° and 360°). We discuss the calculated particle asymptotic directions and we illustrate their possible use by the cosmic ray scientific community.