

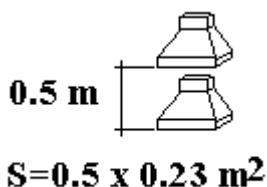
Belgrade Muon Telescope

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Basic informations:

Geographic latitude	44.85° N
Geographic longitude	20.38° E
Altitude	78 m above sea level
Standard pressure, mbar [hPa]	997
Vertical geomagnetic cutoff rigidity	5.3 GV
Detector type	1×1×2 plastic scintillate detectors (unit 0.5×0.23×0.05 m ³)
X×Y×H, m	1.0×1.0×0.5
Площадь детектора, m ²	0.115
In continuous operation since	December 2001
Time resolution	1 hour



Geometry of the Belgrade telescope

Belgrade, 0 mwe

Telescope Name	Directional Telescope	Number of sub-telescopes	Count (imp/sec)	Count error (%/hour)	P _m (GV)	β (%/hPa)	Viewing Lat °N lon °E
v0	0	1	14				

$$I = (137 \pm 3) / \text{s m}^2$$

Belgrade, 25 mwe

Telescope Name	Directional Telescope	Number of sub-telescopes	Count (imp/sec)	Count error (%/hour)	P _m (GV)	β (%/hPa)	Viewing Lat °N lon °E
v0	0	1	5				

$$I=(45\pm 2) / \text{s m}^2$$