



ratio $\frac{dN}{dE}$ C8 / C7.72*

SIBYLL 2.3c03

p 10^{18} eV, 0°

$h_0 = 7$ km, $X = 455$ g cm $^{-2}$

10^{10}

10^{12}

10^{14}

10^{16}

E_{kin}/eV

π^+

K^+

p

μ^+

