

a CR protons

$E \frac{dF}{dE} \text{ (cm}^{-2} \text{ s}^{-1} \text{ sr}^{-1}\text{)}$

observed flux (WY83)

WY83

$dF/dE \propto E^{-2.7}$

X4
X3
X2
X1

1
0.1
0.01
 10^{-3}
 10^{-4}

10^6 10^7 10^8 10^9 10^{10}

$E = KE/\text{nucleon (eV)}$

