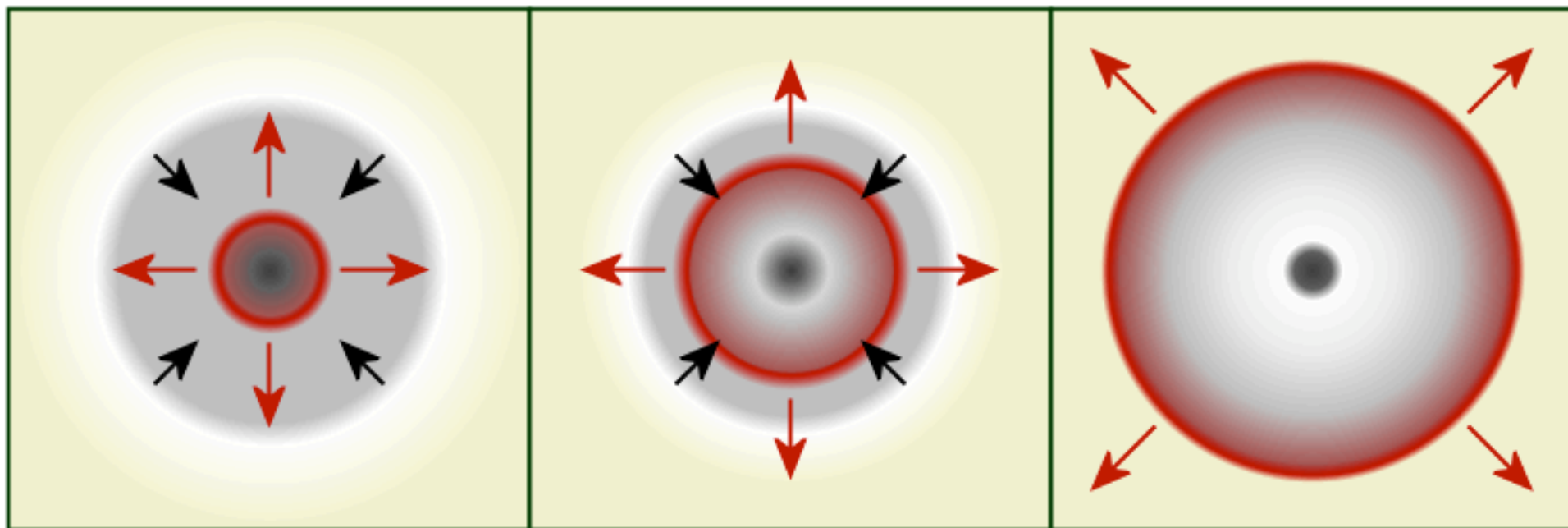


a

b

c



d

e

f

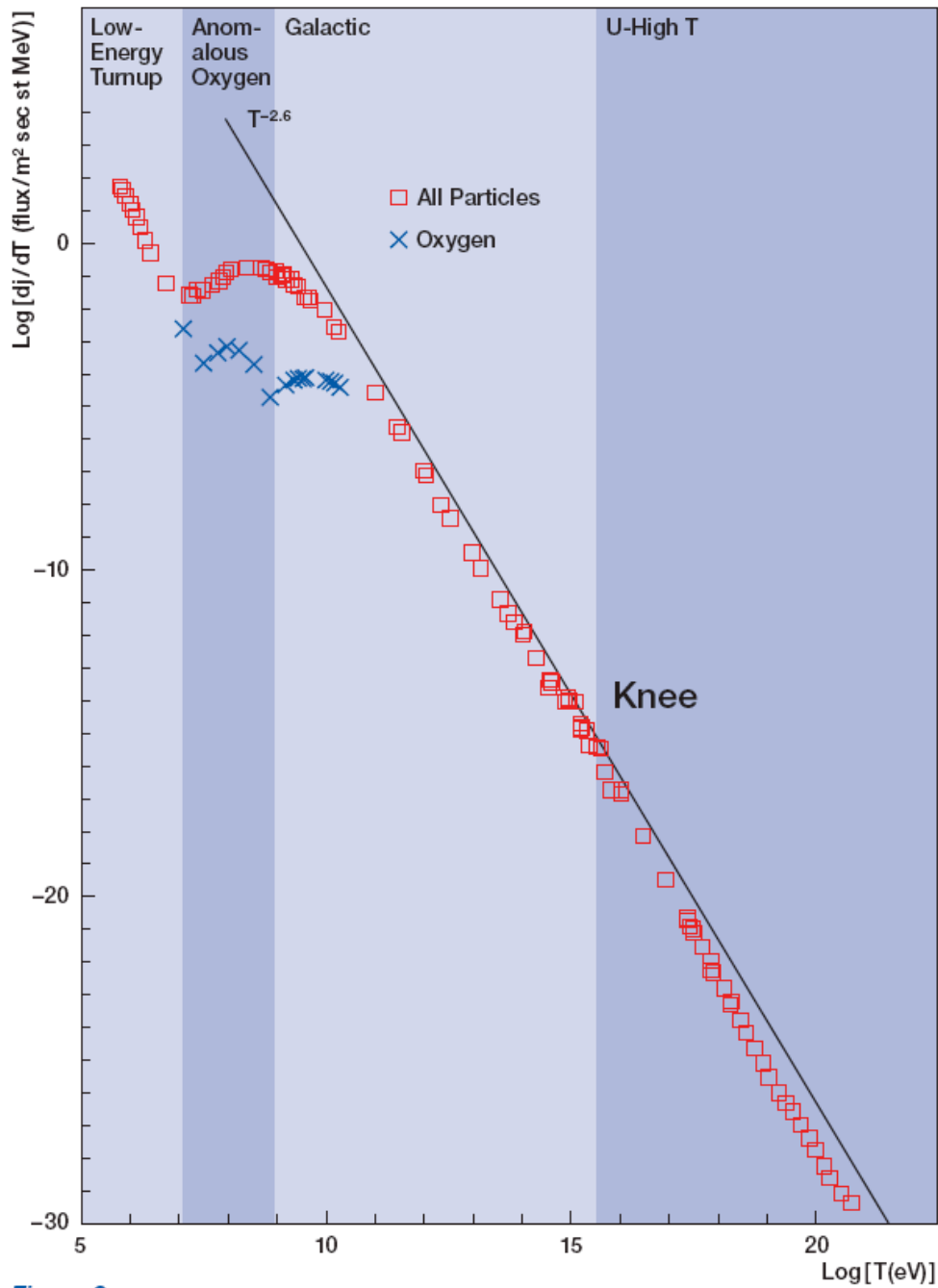


Figure 2
Energy spectrum of cosmic rays measured at the Earth.

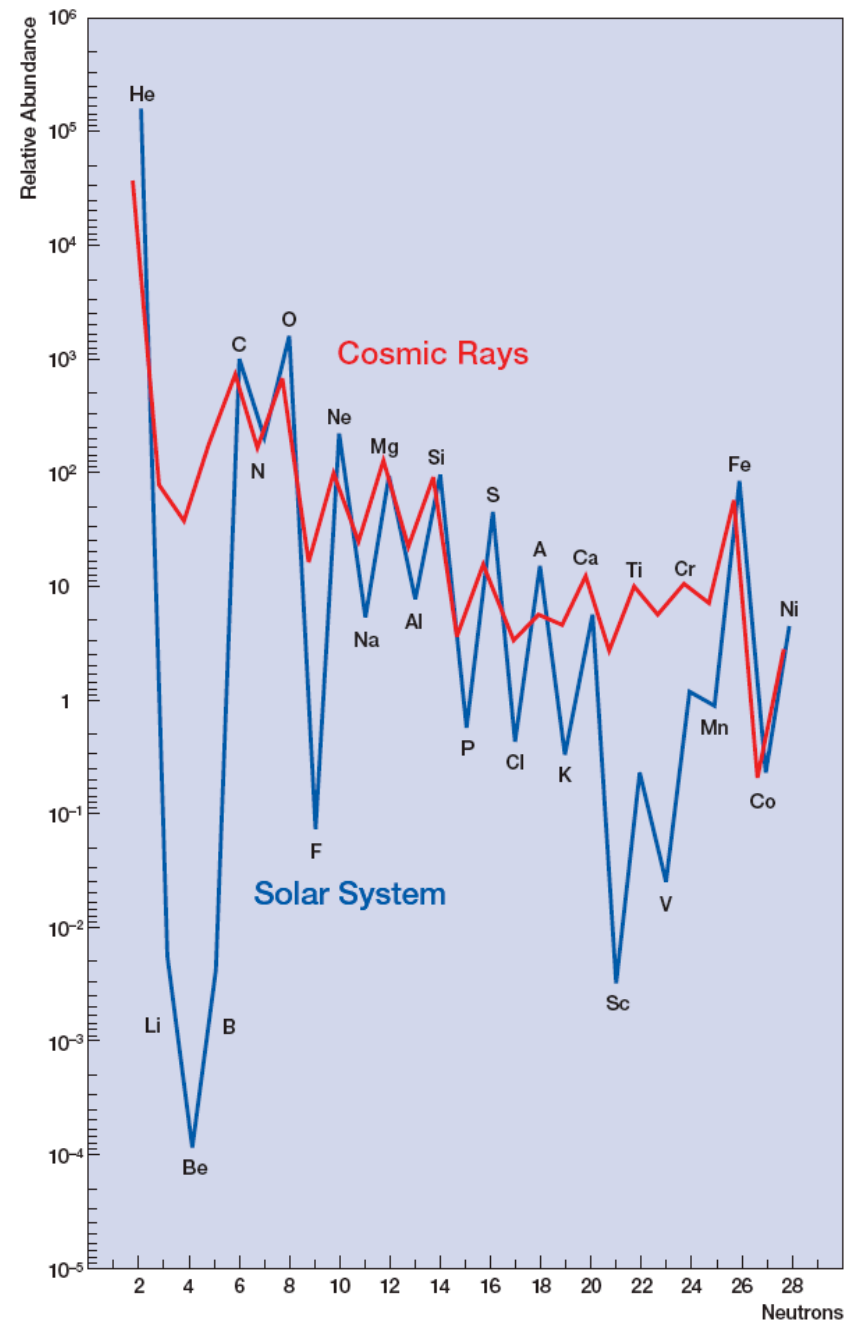
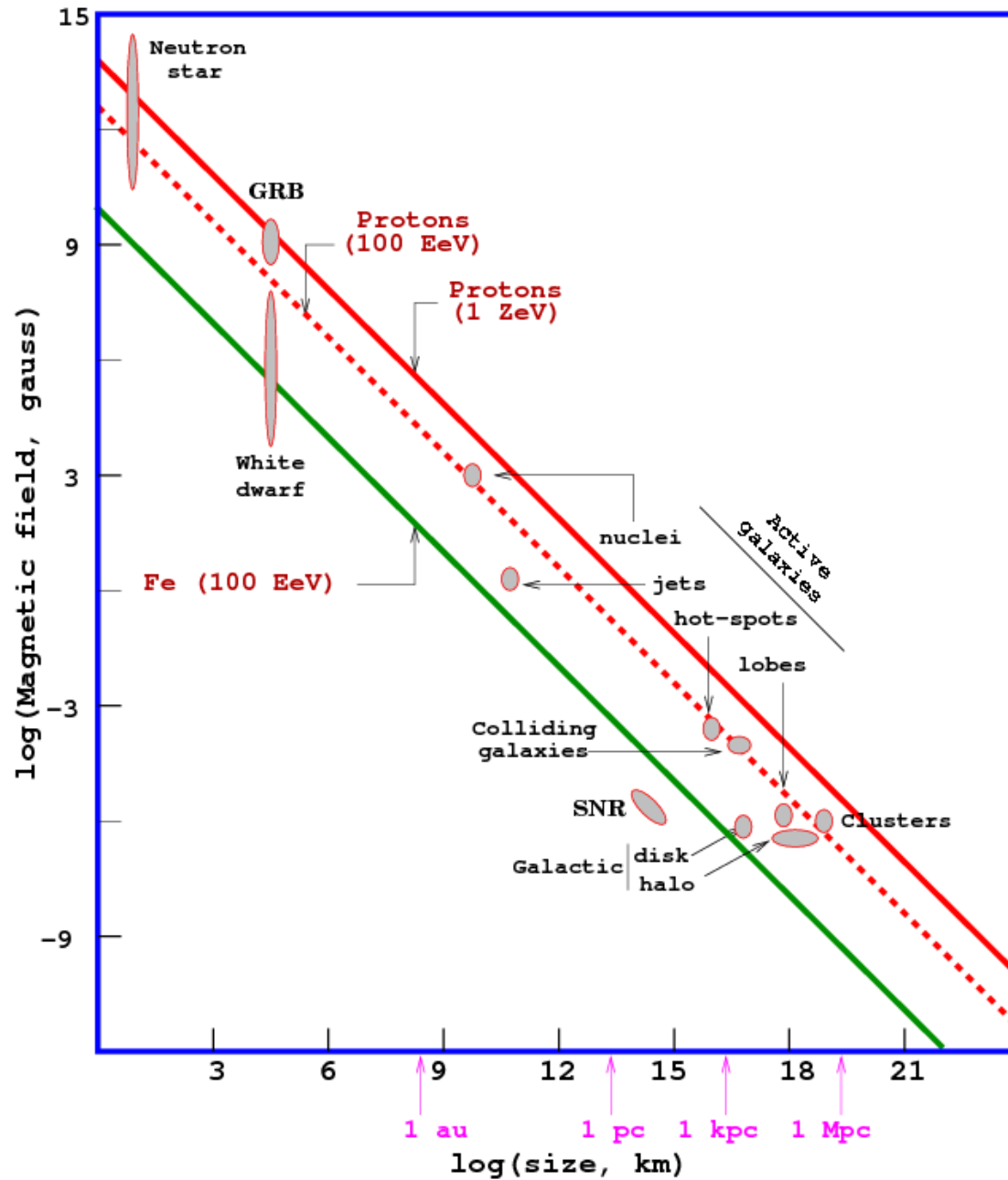


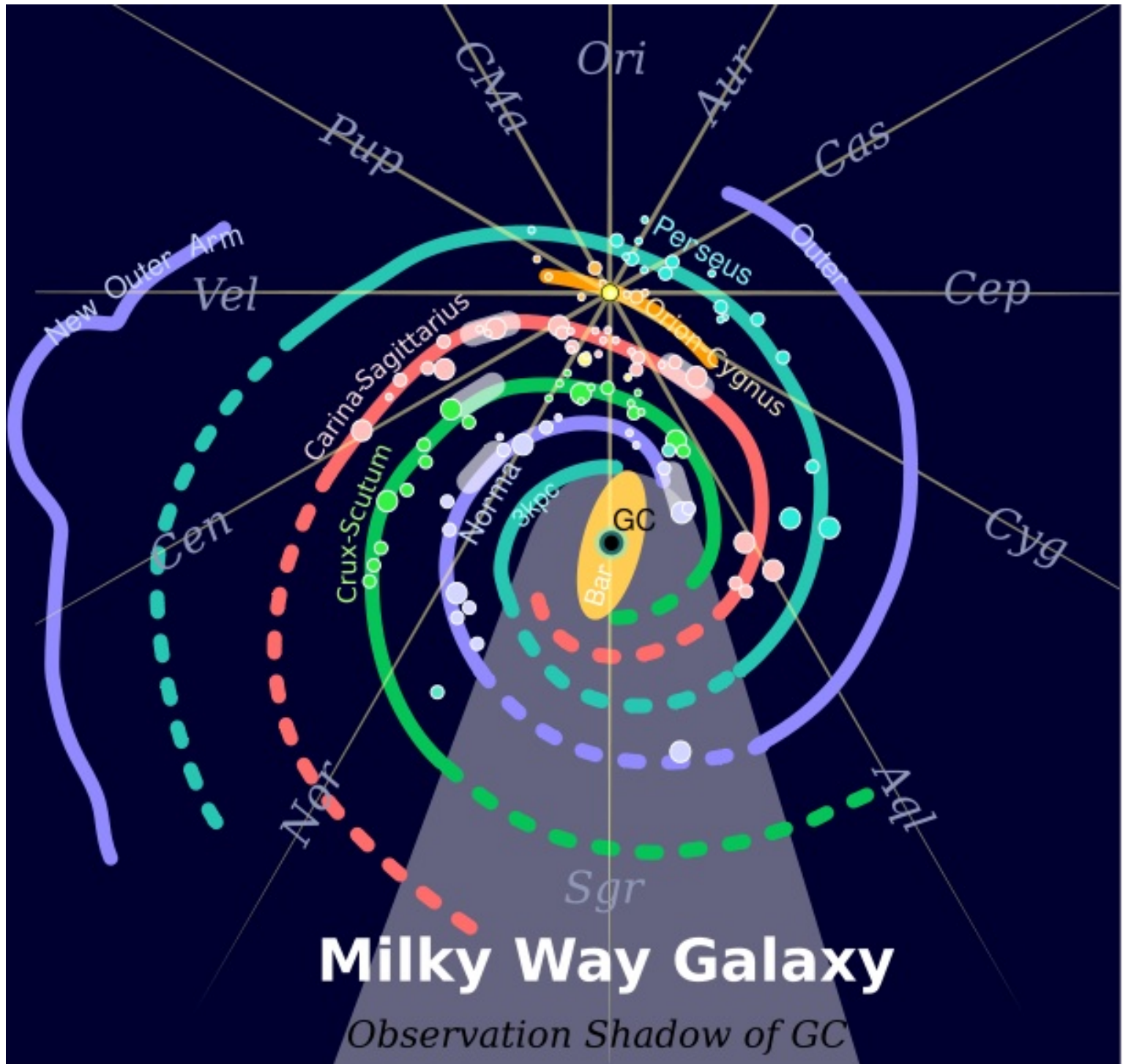
Figure 3
The relative abundance of He to Ni in cosmic rays (red line), and in the Solar System (blue line).

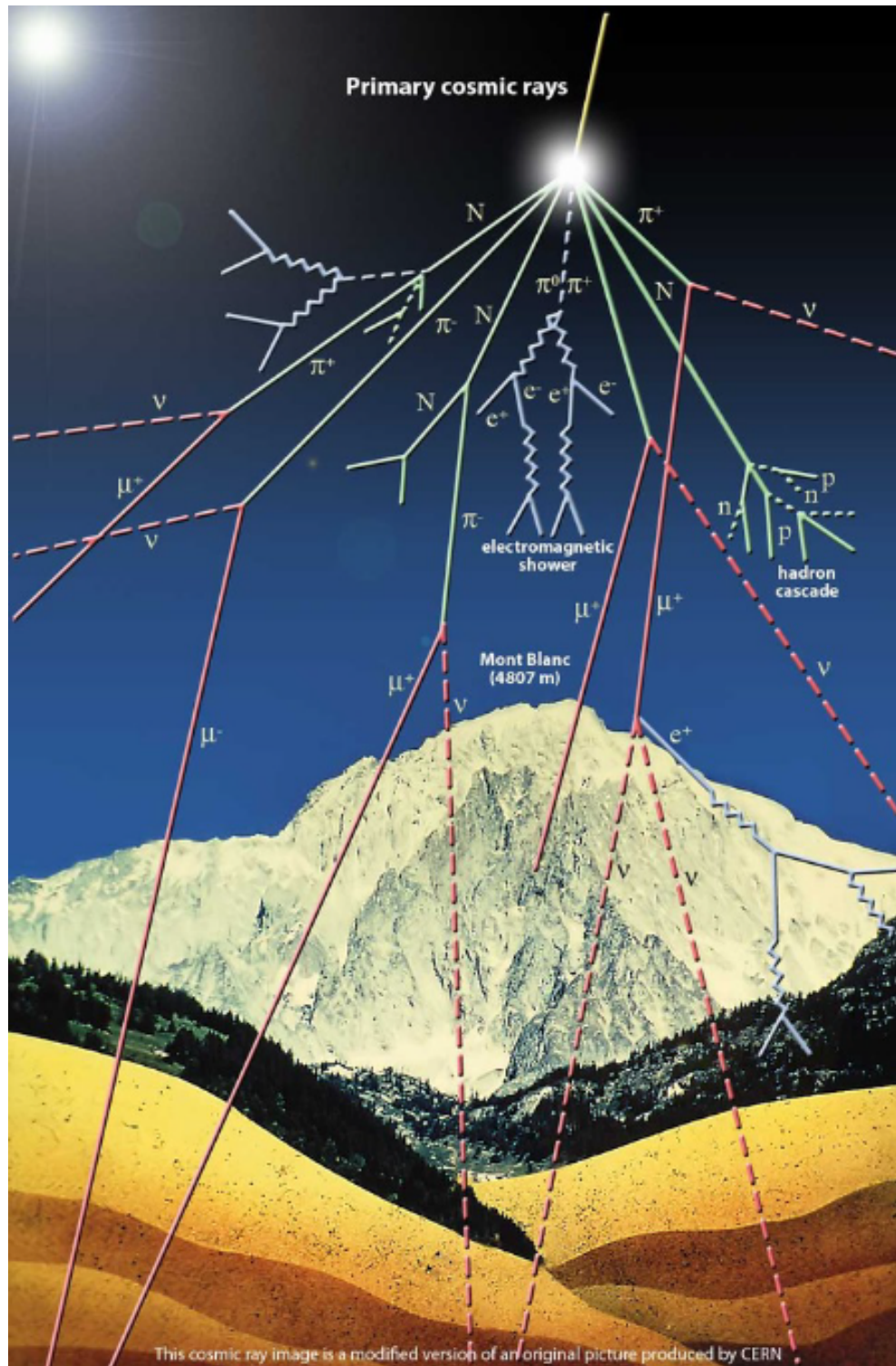
Hillas-plot (candidate sites for $E=100 \text{ EeV}$ and $E=1 \text{ ZeV}$)



$$E_{\text{max}} \sim ZBL \quad (\text{Fermi})$$

$$E_{\text{max}} \sim ZBL\Gamma \quad (\text{Ultra-relativistic shocks-GRB})$$





This cosmic ray image is a modified version of an original picture produced by CERN

