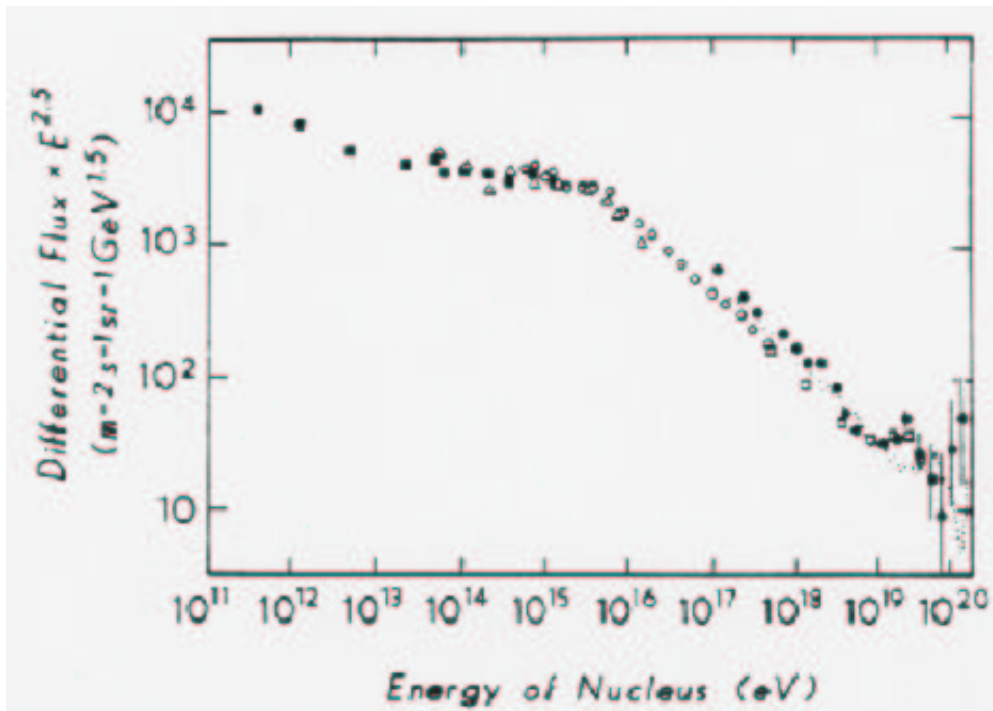


Cosmic ray spectrum



from P.Sokolsky, 1989. *Introduction to Ultrahigh Energy Cosmic Ray Physics*, Redwood City: Addison-Wesley Publishing Company.

Cosmic ray spectrum: Flux (=number of cosmic rays passing through a surface) at different energies

Primary cosmic rays: high-energetic nuclei, mostly hydrogen (protons: $\sim 95\%$), He ($\sim 4\%$), \dots