

(13.2) What is the primary cosmic radiation hitting earth's atmosphere? Does it penetrate to the earth's surface?

1. Particles of high energy consisting approximately of 70% protons, 20%  $\alpha$ -particles, 0.7% lithium, beryllium, and boron ions, 1.7% carbon, nitrogen, and oxygen ions. The residual 0.6% is ions of  $Z > 10$ .

2. Mostly not.