

Nuclear Lunch Questions

1. What on the pyramid points North? What is the range of initial muon energy? **Ibrahim**
2. Is the Big void found in the pyramid the only chamber muography found? Can it be claimed that there are no other new chambers? Did muography scan the entire region of the Pyramid?
Sudhanva
3. How do CEA detectors work? **Bishnu**
4. What is the approximate minimum energy must the muons on the outside surface of the pyramid have in order to reach the detectors. **Abinash**
5. What is the rate or flux of cosmic ray muons at the outside surface of the pyramid as a function of energy between ~ 1 GeV and 1 TeV or at least approximately how does it vary from 1, to 10, to 100 to 1000 GeV? **Doug**
6. How does a scintillation hodoscope detect muons? **Mahesh**
7. Out of the 3 techniques, which technique for muonography is superior over the others? **Cole**
8. Why use muons and not some other particle to do analysis? Why not send a controlled beam into the pyramid to do images rather than the random atmospheric muons? **Matt**