**Nuclear Physics Lab**

Report 6

Beta Particle Spectrum

**Questions:**

1. Explain:

* The continuous distribution of beta particle’s energy spectrum.
* The presence of peaks in beta particles’ spectrum.

1. Explain why some isotopes undergo beta decay.
2. Mention two isotopes, one of which undergoes positive beta decay and other undergoes negative beta decay.
3. Why can’t we use the same device to study gamma’s spectrum?