Energy dependence of Neutron Captures in LXe using a 20cm Polyethylene25 Absorber 10⁵ Simulated Neutrons (9919010) Neutron Captures (32764) in LXe 10^{4} 10^{3} Counts 10^2 10^{1} 10⁰ 6000 2000 4000 8000 10000 12000 14000 Energy (keV)