Qualue 1. B , Ec. decay B+ +X -> +X + 5+ V interms of nuclear wasses, Q= m, (A,Z) - m, (A,Z-1) - me - my M (A,Z) = MN(A,Z)+7, E- ZB; 6= M(A,Z)Z = = B= - M(A,Z-1 Q = m(4,2)-m(A,2-1)2-2m2+(23:-23:-23: 1,022 MeV AX + e > AX + V Selection coptioned, Q= m(A,Z)c7 (- Zmet + mec) + EB; - m (A,Z-1) + (Z-1) m = - EB; = m(A,Z)c2-m(A,Z-DZ+ ZB; - EB; Tuitol Not so small ist w. Eupty K shell folls coscade, so net LIFF is By -BZ