

Fig. 5. Pre-neutron emission mass-yield distributions for SF of Cf isotopes (Ref. 5).

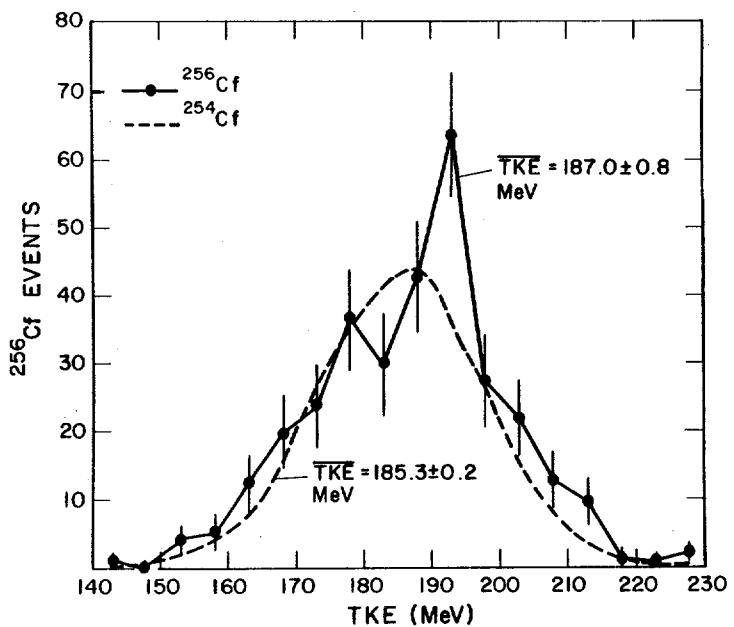


Fig. 6. Total kinetic energy distributions for SF of  $^{254}\text{Cf}$  and  $^{256}\text{Cf}$  with no correction for neutron emission. The average pre-neutron emission total kinetic energy is  $188.8 \pm 0.9$  MeV for  $^{256}\text{Cf}$  after correction for a long-lived background from  $^{254}\text{Cf}$  and for neutron emission.