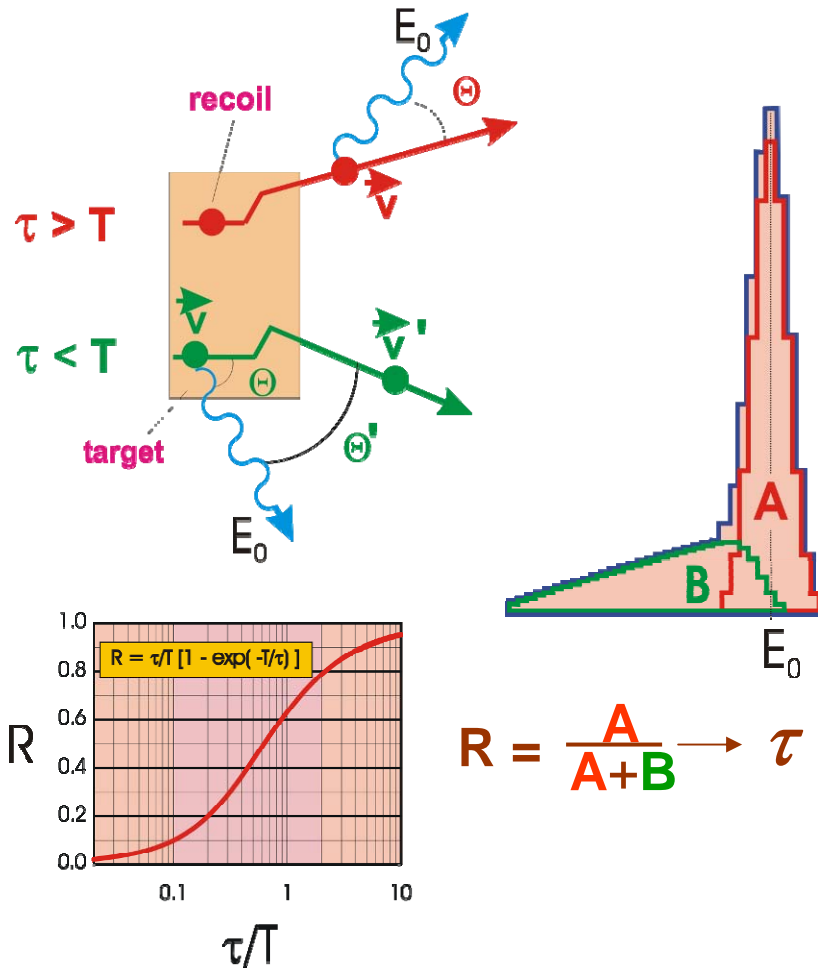


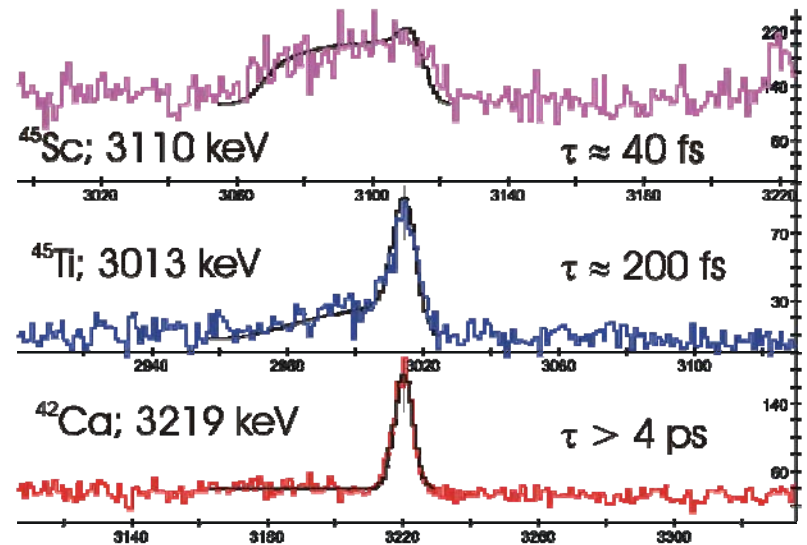
Ancillary Detectors - RFD & lifetimes

$^{18}\text{O}(@67 \text{ MeV}) + 0.8 \text{ mg/cm}^2 \text{ } ^{30}\text{Si}$

$\langle \beta \rangle = 2.8\%$



Recoil transit time $\approx 0.4 \text{ ps}$



target thickness (recoil transit time T) defines a range of measured lifetimes ($\tau = 40 - 800 \text{ fs}$)

P. Bednarczyk et al., to be published