



Fig. 1 Time sequences in the decay chains observed at two ^{48}Ca energies $E_L=248 \text{ MeV}$ (a) and $E_L=253 \text{ MeV}$ (b). Measured energies, time intervals and positions of the observed decay events are shown. 1) Energies of events detected by both the focal-plane and side detectors. 2) Energies of events detected by side detectors only. We have inserted an unobserved nuclide in the fourth decay chain.