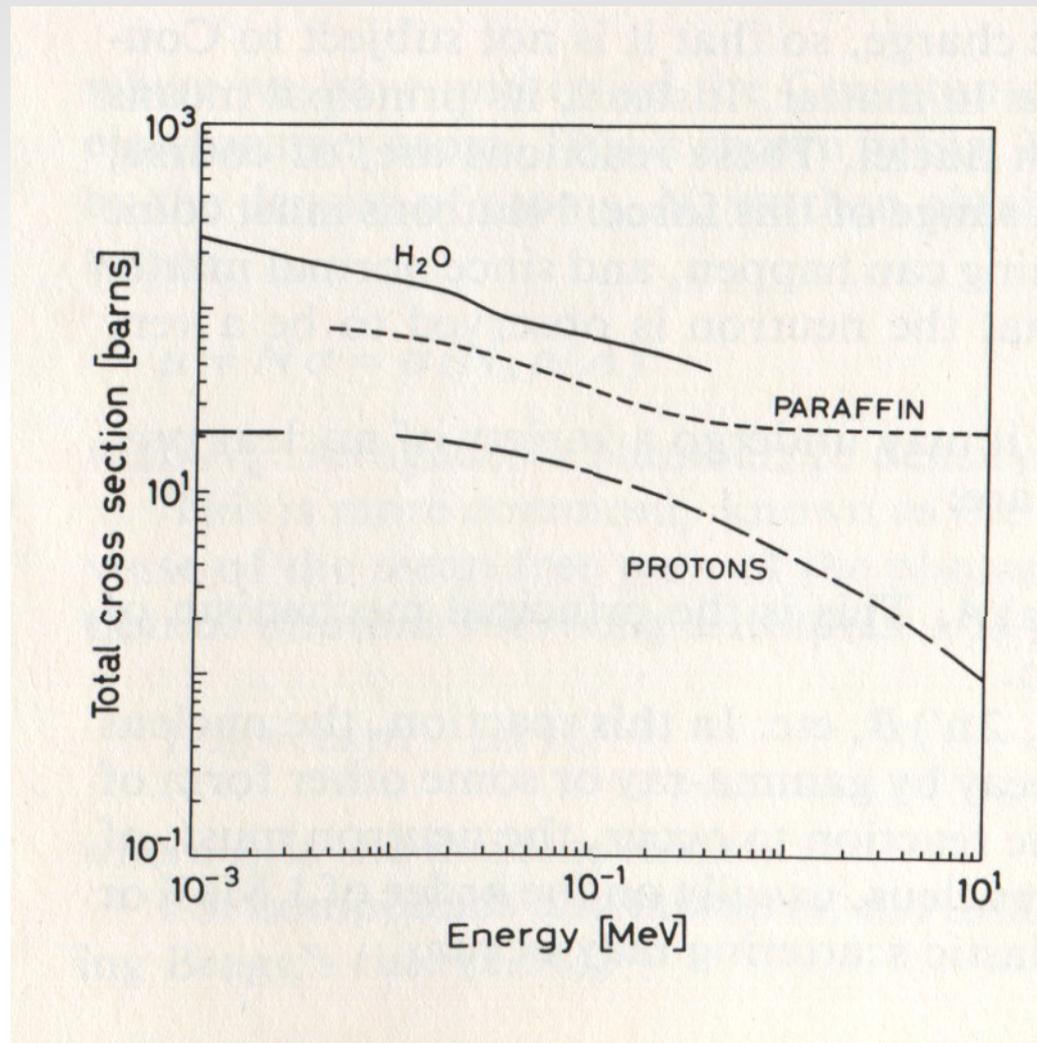
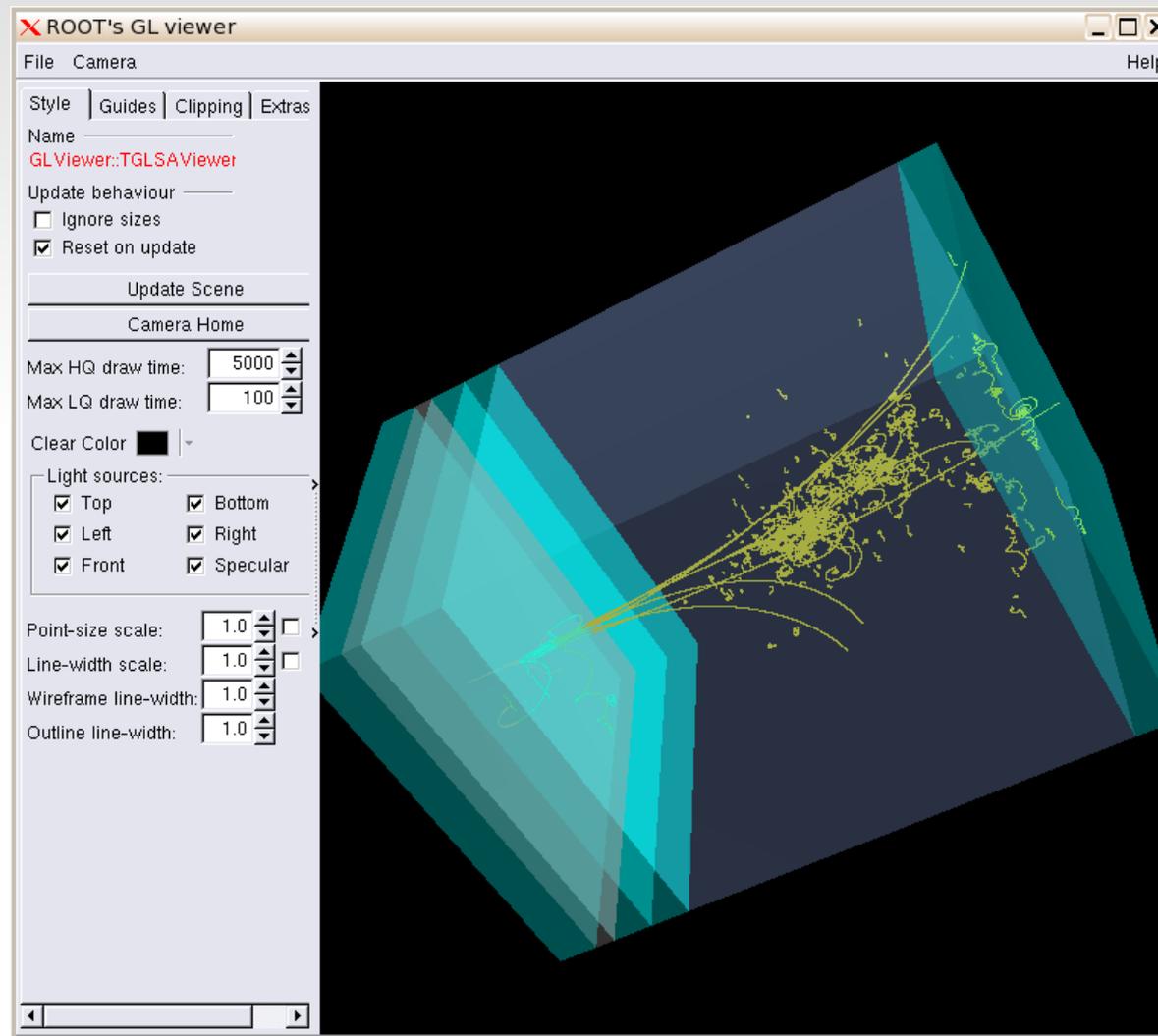


# Fig. 1.28: Totaler Wirkungsquerschnitt von Neutronen



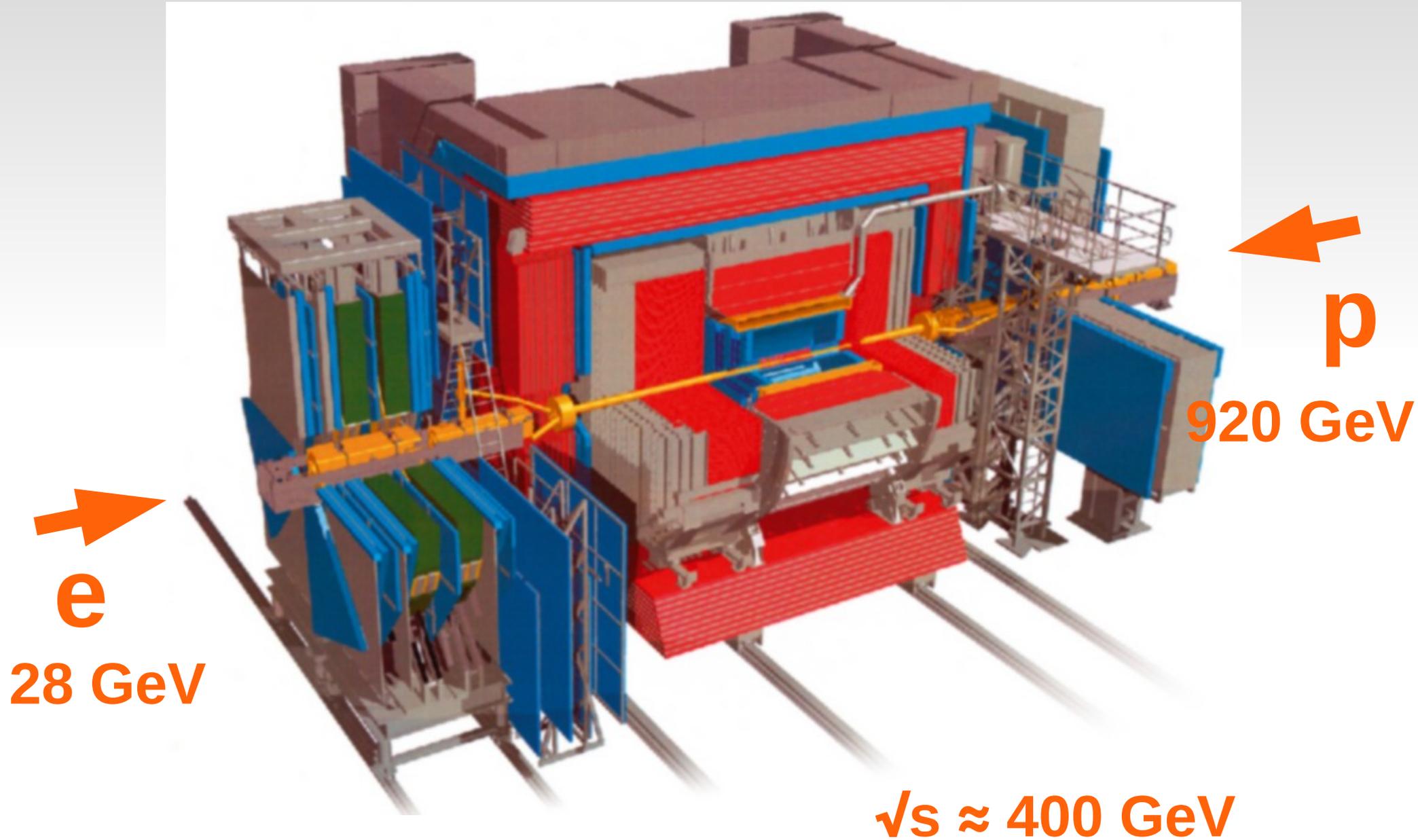
# Fig 2.1: Monte-Carlo-Simulation



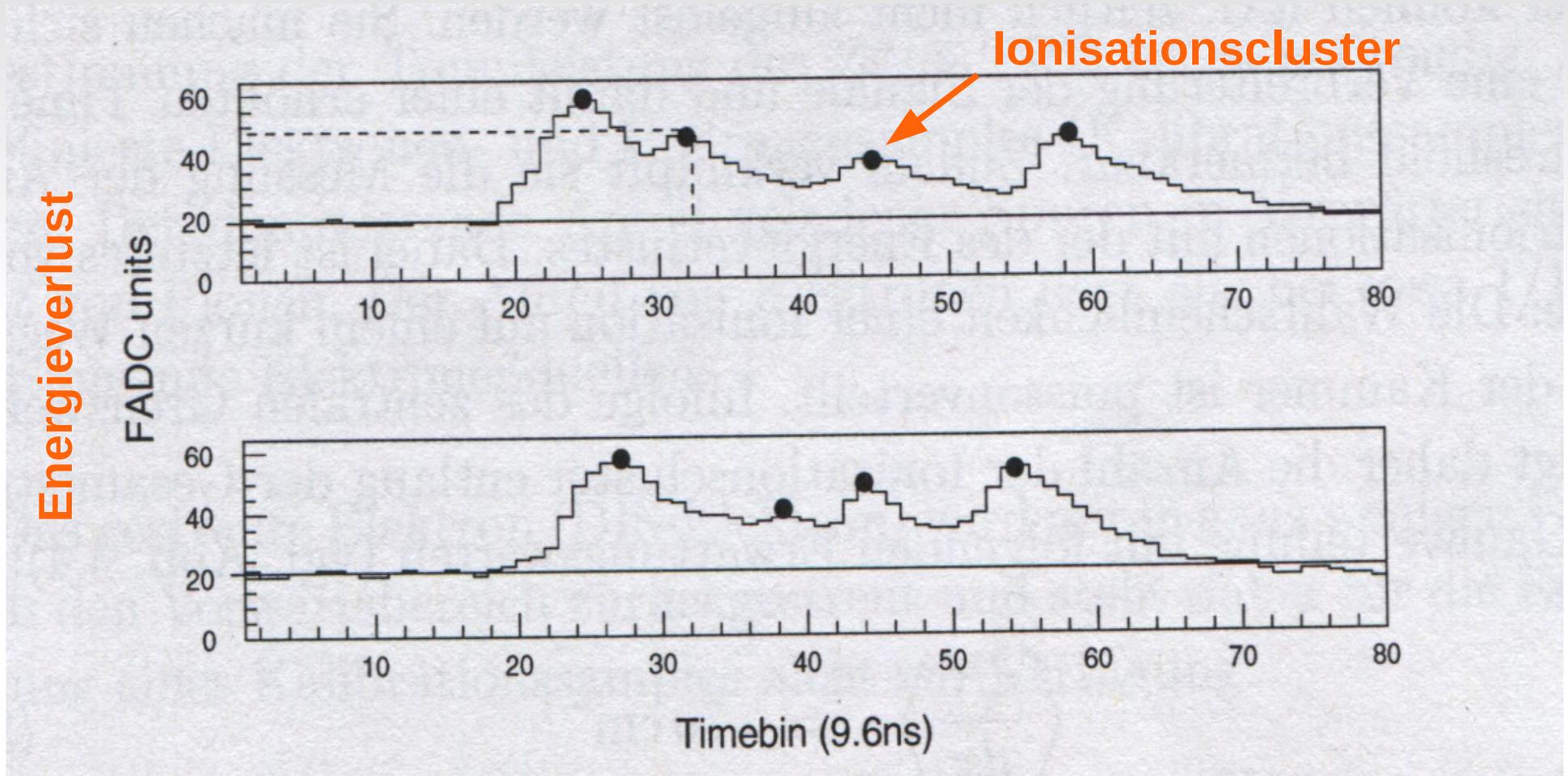
# Fig 2.2a: HERA, DESY Hamburg (1994-2007)



# Fig 2.2b: ZEUS-Detektor

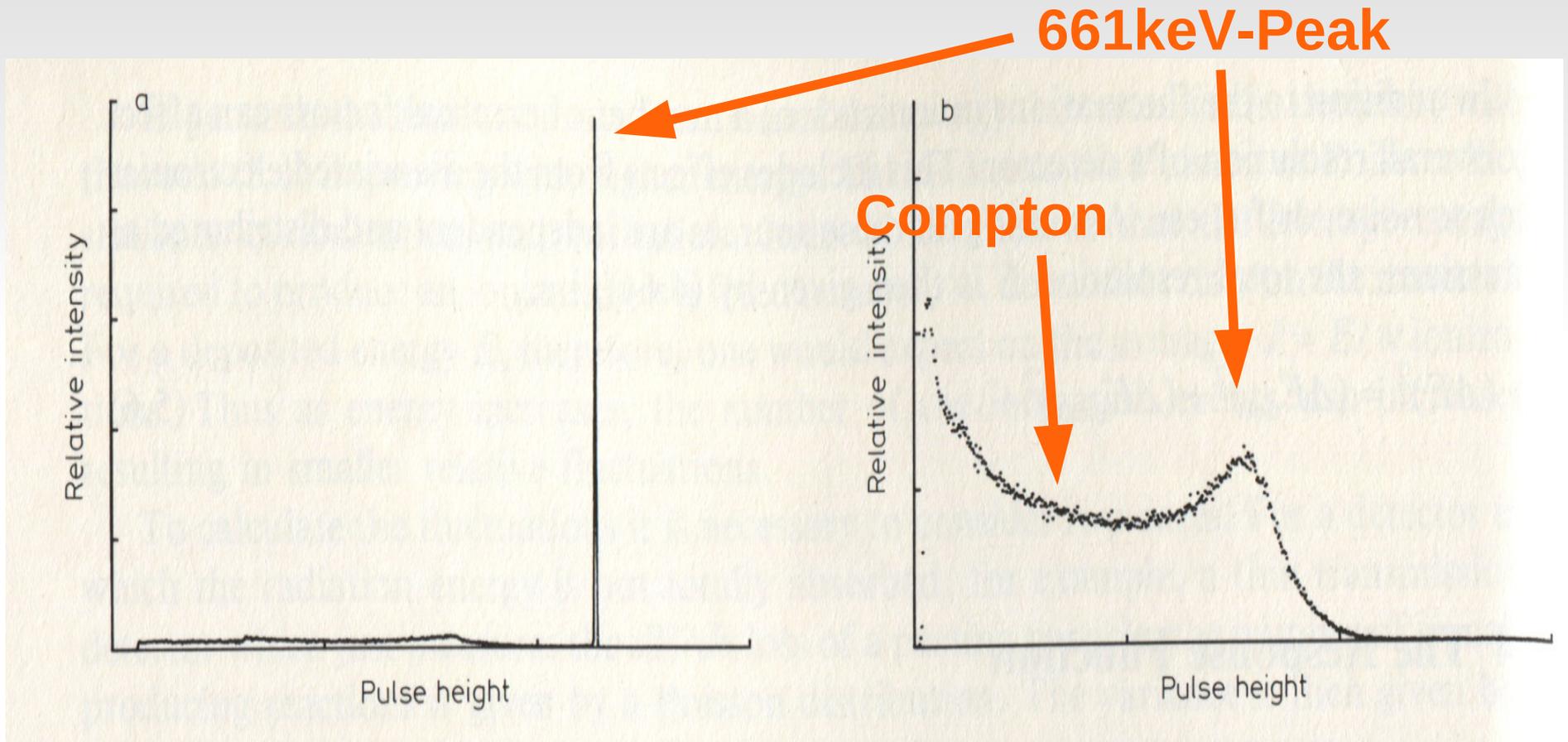


# Fig 2.3: ZEUS-Übergangsstrahlungsdetektor Pulszug



FADC = Flash Analogue Digital Converter

# Fig 2.4: Pulshöhenspektrum für 661keV Photonen



**Ge-Halbleiter**

**Organischer Szintillator**

# Fig 2.5: Totzeit

nicht akzeptiert

Non - extendable dead time

Events

Dead time

$\tau$

Extendable dead time

Events

Dead time

$\tau$

