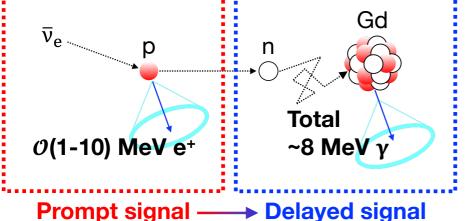
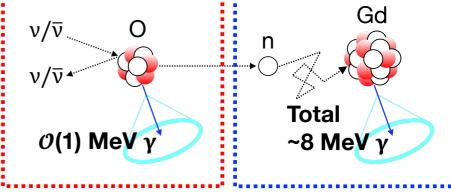
DSNB (IBD) $\overline{\nu}_e + p \rightarrow e^+ + n$

NCQE $\nu(\overline{\nu}) + {}^{16}\text{O} \rightarrow \nu(\overline{\nu}) + {}^{15}\text{O} + \frac{\gamma}{\gamma} + \frac{n}{2}$





~115 μ sec (0.011% mass conc. of Gd)

Prompt signal — ▶ Delayed signal

conc. of Gd) ~115 µsec (0.011% mass conc. of Gd)