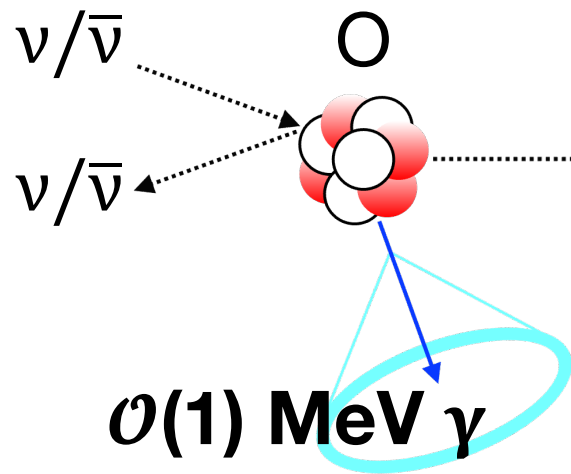
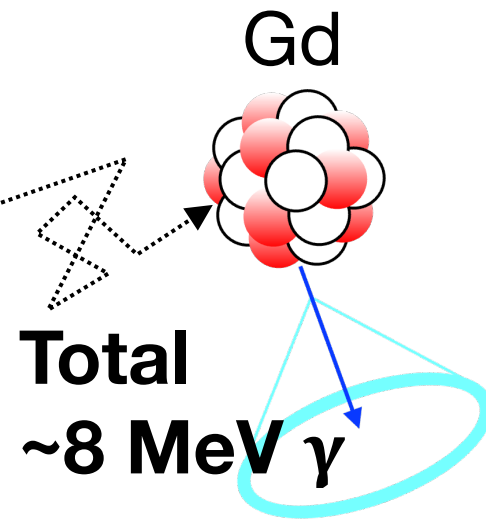
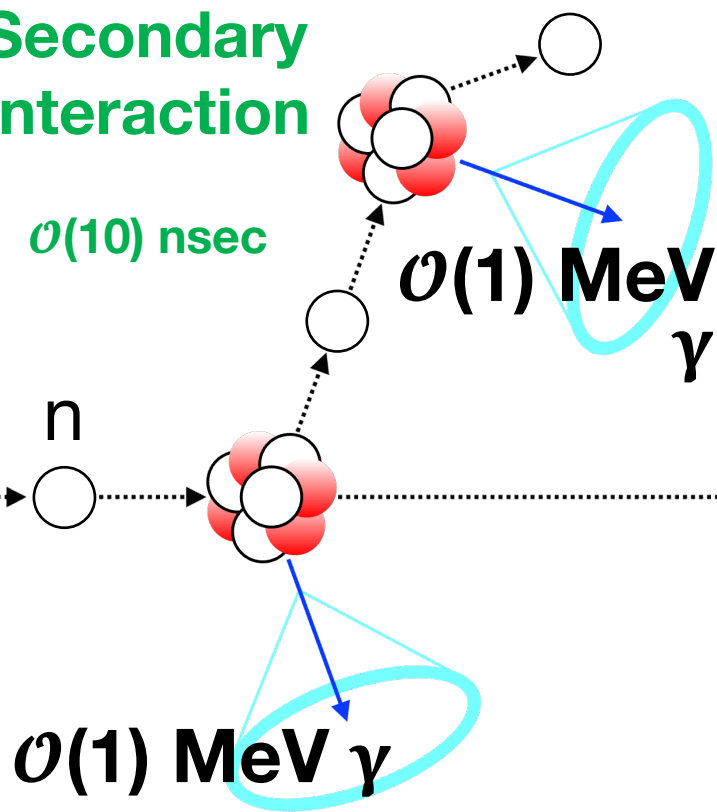


**Primary  
interaction**



**Secondary  
interaction**

$\mathcal{O}(10)$  nsec



**Prompt signal**  **Delayed signal**

$\sim 115 \mu\text{sec}$  (0.011% mass conc. of Gd)