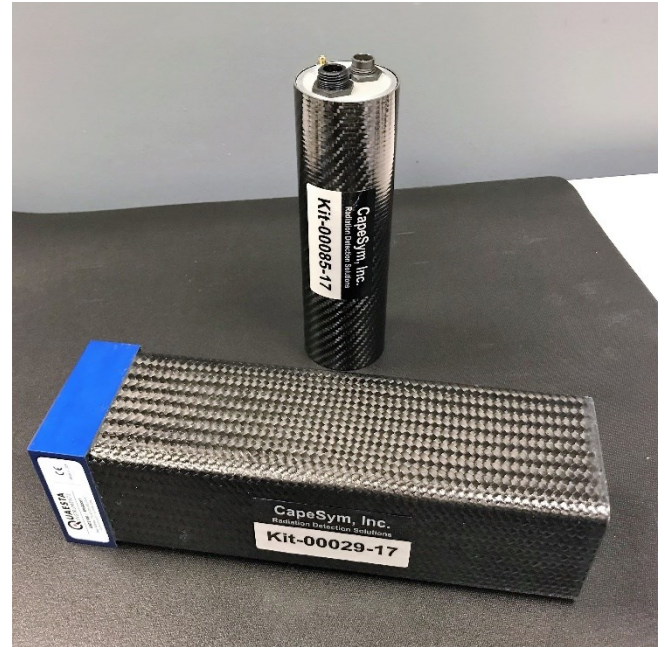
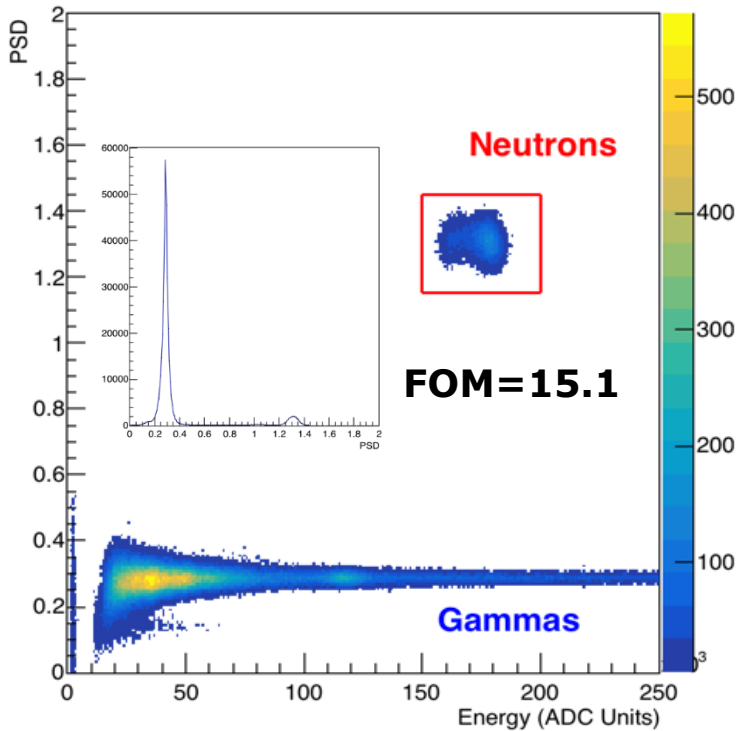




# RadSolver™

Gamma/neutron dual modality composite scintillators with ultra-high FOM, for high-confidence measurement\*



PMT and SiPM-based RadSolver™ developer kits

CapeSym's new Radsolver dual-mode product line offers enhanced  $n, \gamma$  signal separation for the highest FOM on the market. Our composite can be optimized for sensitivity, resolution, timing, and neutron type to meet application-specific requirements. Moreover, the RadSolver is available in multiple form factors suitable for hand-held, backpack, portal and other applications. It is available as plug-and-play kit, or as an OEM solution pre-assembled with a PMT or solid state photosensors, with appropriate electronics, for your accelerated development.

#### Key features:

- FOM from 5 to 20
- Tailorable thermal or fast neutron sensitivity
- Gamma sensitivity from 200 to 50k cps per  $\mu\text{Sv/h}$  (662 keV)
- Thermal neutron sensitivity from 3 to 200 cps/nv
- Energy resolution as good as 3% at 662 keV
- Application specific design options

\*Patent pending