

Electronic Supplementary Information

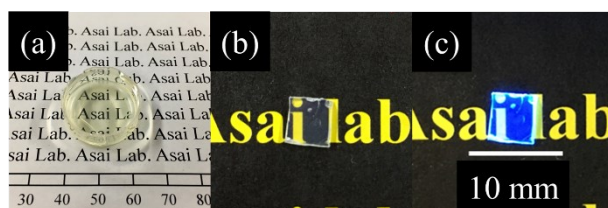


Fig. S1 Photograph of (a) synthesized 0.90-mm-thick, Bi-loaded PVK-based plastic scintillator, and the sample used for measurement under (b) visible light and (c) 302-nm UV radiation.

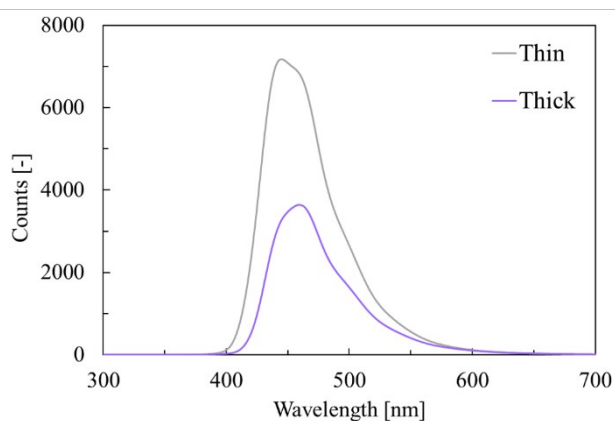


Fig. S2 XRL spectra of ~1-mm-thick and thin samples.

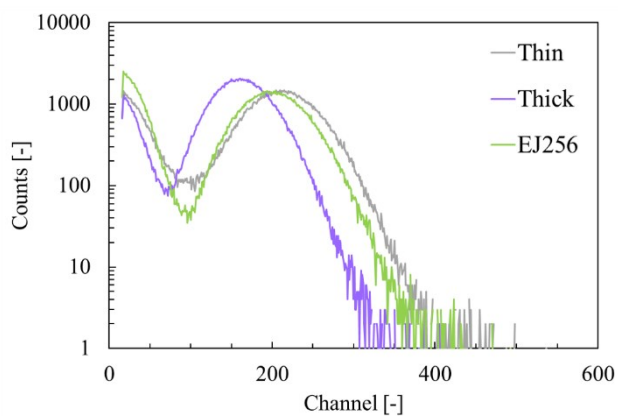


Fig. S3 Pulse-height spectra of scintillation detectors equipped with a ~1-mm-thick sample, thin sample, and EJ-256 under 67.41-keV X-radiation.

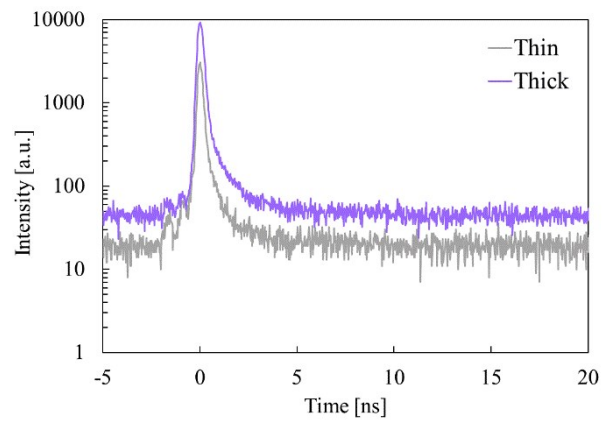


Fig. S4 Time profiles of detection signals of scintillation detectors equipped with a ~1-mm-thick sample, thin sample, and EJ-256 under 67.41-keV X-radiation.