



Figure 3 Representative photo of the set-up used for active neutron interrogation experiments at INL.

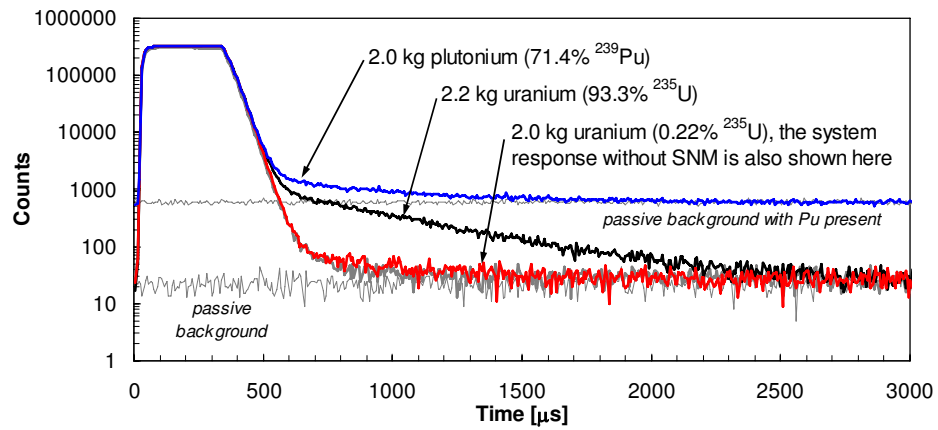


Figure 4 Die away data from HEU, depleted uranium, and Pu within the wood cube. Note that the response of the detectors to an interrogation measurement without material (dark grey) is very difficult to discern from the die-away signal of the depleted uranium (red).

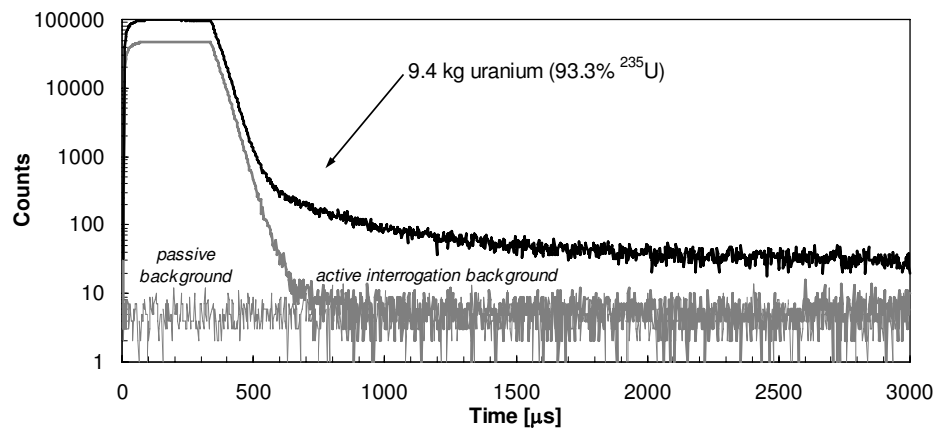


Figure 5 Die away data from 9.4 kg of bare HEU.