

Supplementary information

Supplementary figure

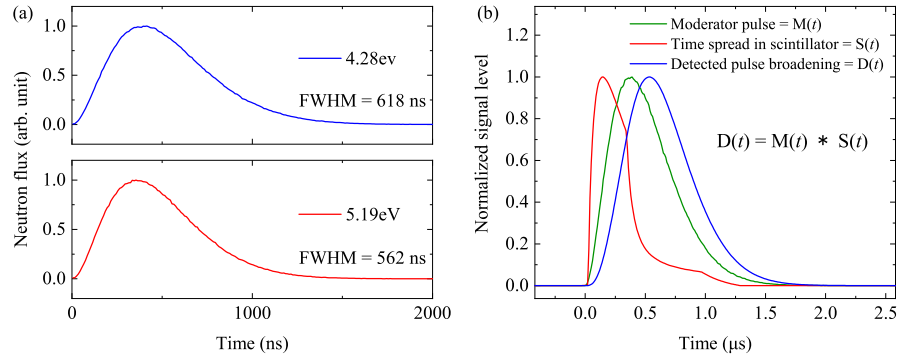


Figure 1: The PHITS simulation of moderated neutron pulse and the evaluated broadening in neutron beamline. (a) Simulated pulse duration for 5.19 eV and 4.28 eV neutrons at the exit of the moderator. (b) Simulated results of pulse broadening at the neutron moderator (green line) and the ^6Li glass scintillator (red line). The convolved result at the detector at 1.78 m is shown as a blue line.