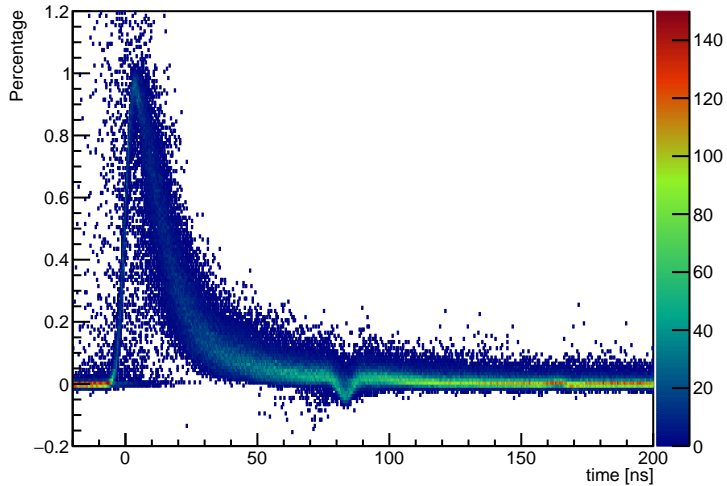
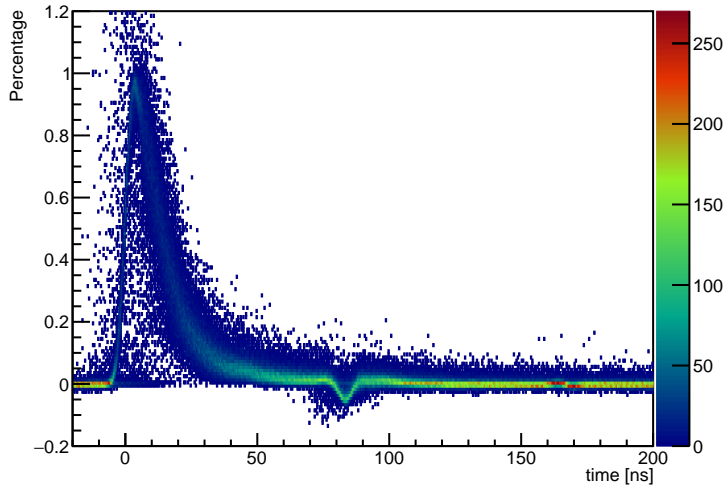


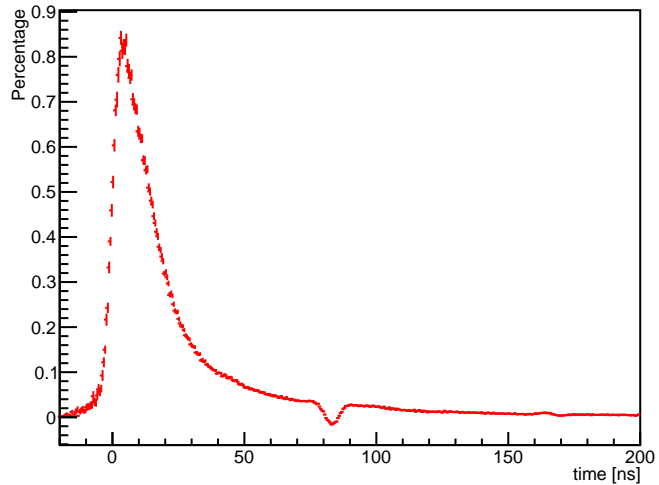
Normalized Waveform: Neutron



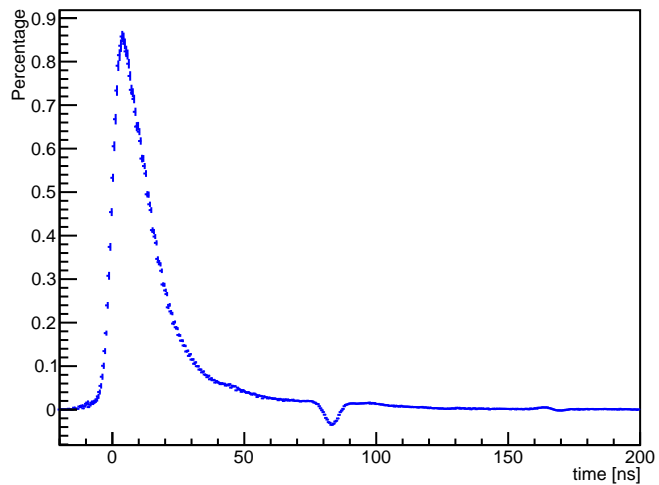
Normalized Waveform: Photon



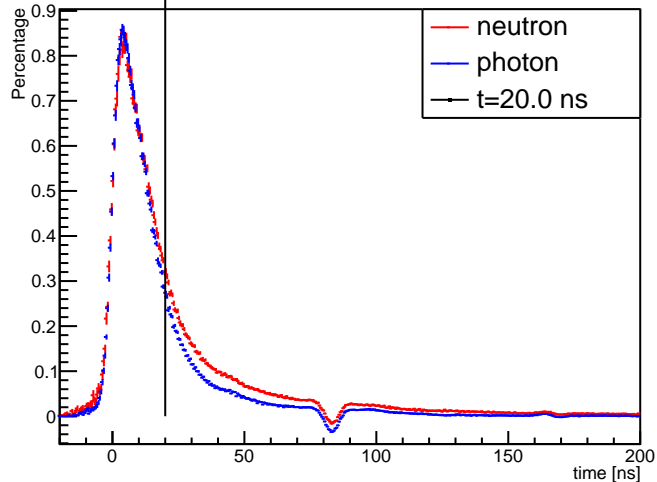
X-Profile of Normalized Waveform: Neutron



X-Profile of Normalized Waveform: Photon



X-Profile of Normalized Waveform: Neutron



Tail is defined as the part of the waveform to the right of t=20.0 ns

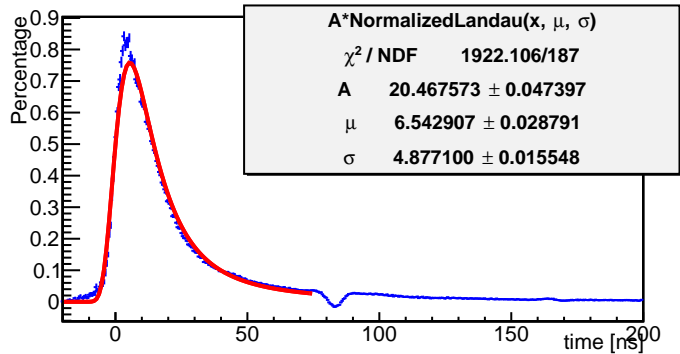
Defining the Tail Area Ratio Q

$$Q = \frac{\text{Area under the tail}}{\text{Total area under the waveform}}$$

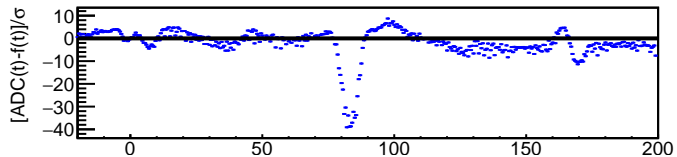
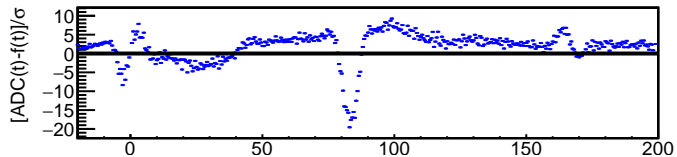
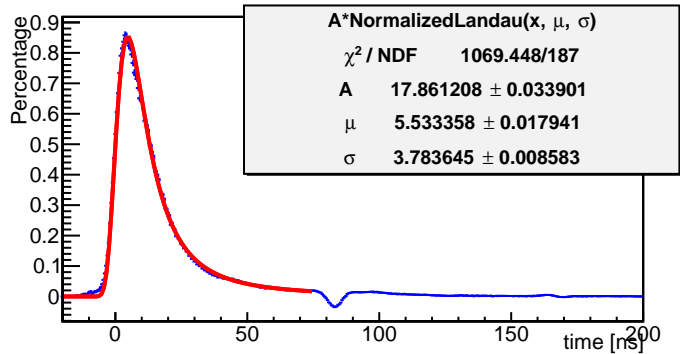
For the averaged photon waveform, Q=0.247723

For the averaged neutron waveform, Q=0.342912

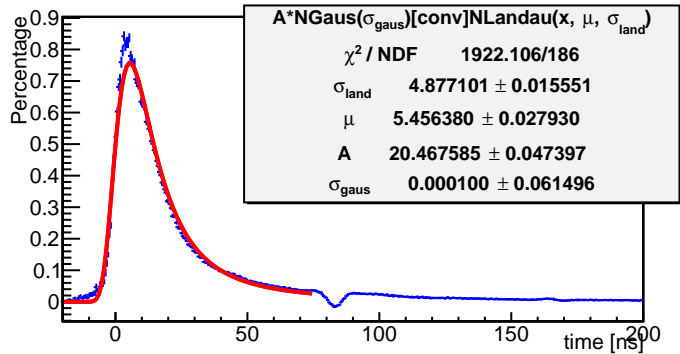
X-Profile of Normalized Waveform: Neutron



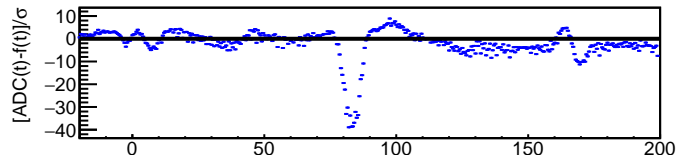
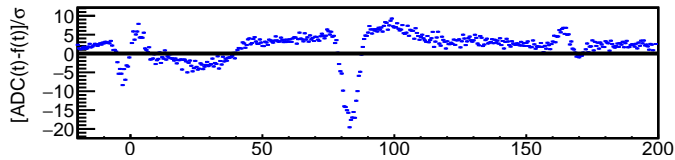
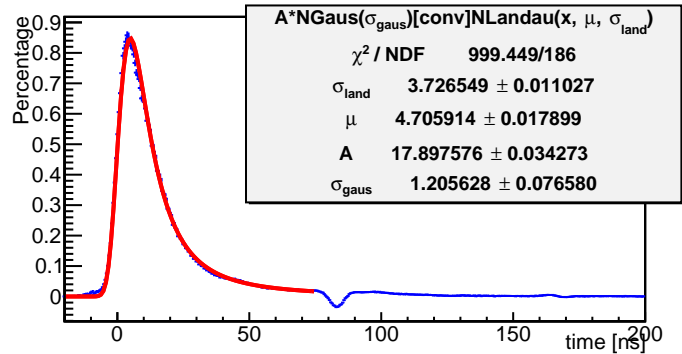
X-Profile of Normalized Waveform: Photon



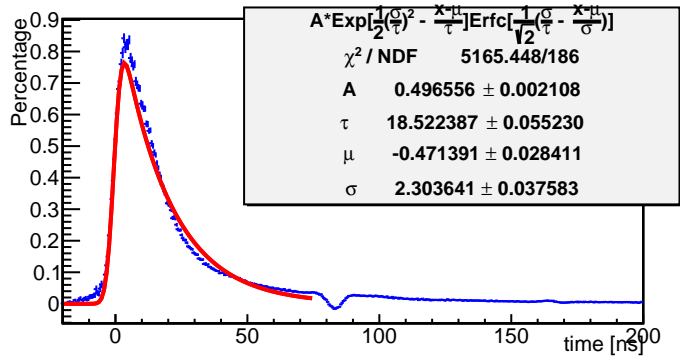
X-Profile of Normalized Waveform: Neutron



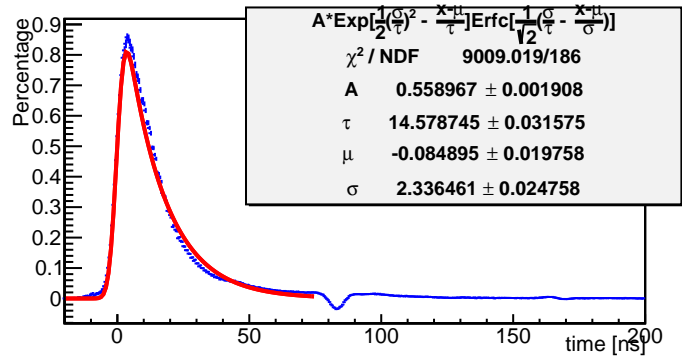
X-Profile of Normalized Waveform: Photon



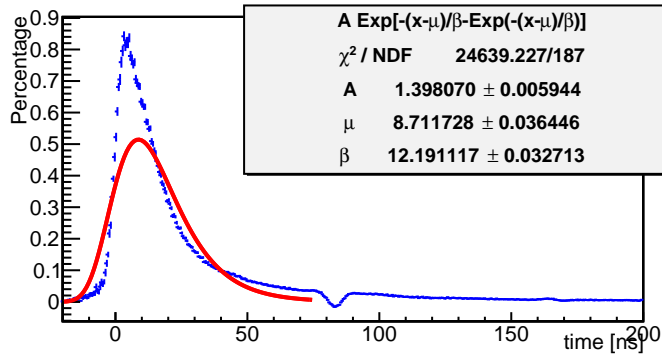
X-Profile of Normalized Waveform: Neutron



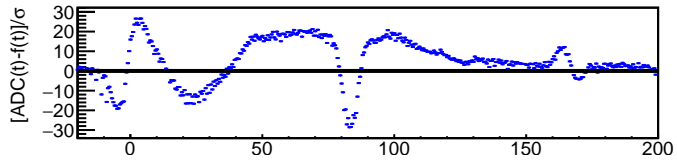
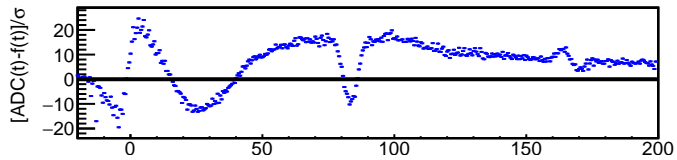
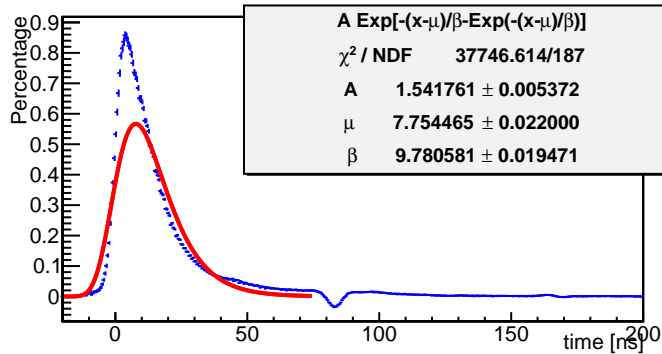
X-Profile of Normalized Waveform: Photon



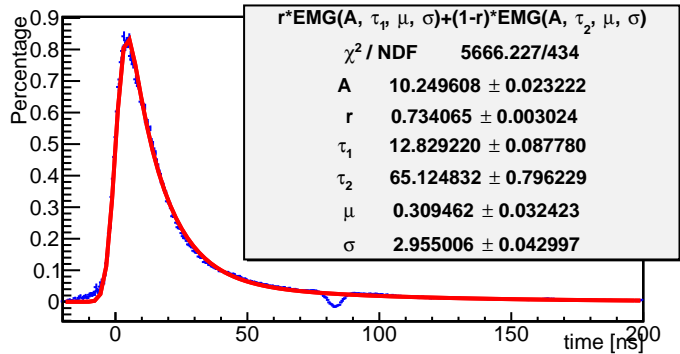
X-Profile of Normalized Waveform: Neutron



X-Profile of Normalized Waveform: Photon



X-Profile of Normalized Waveform: Neutron



X-Profile of Normalized Waveform: Photon

