Figure 6.17: The 90% CL limit of $\sin^2(2\theta_{13})$ as a function of number of years of data taking times target mass at $\Delta m_{31}^2 = 0.0025$ eV^2. The intercept in the limit by the dashed line shows the expected limit by RENO experiment with target mass of 16 tons in three years.

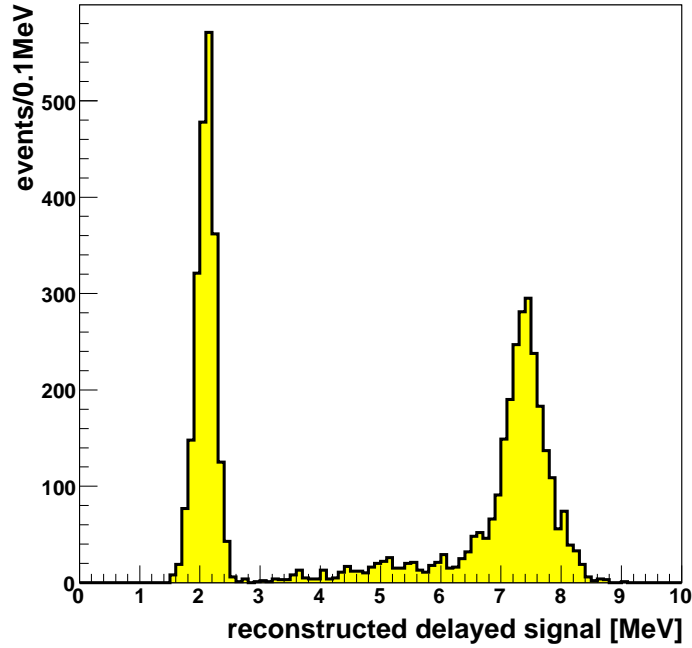Figure 6.18: The reconstructed energy spectrum of neutrons captured in the target volume. The peaks at ~ 2.0 MeV and ~ 7.5 MeV are from neutrons captured by hydrogen and Gd, respectively.