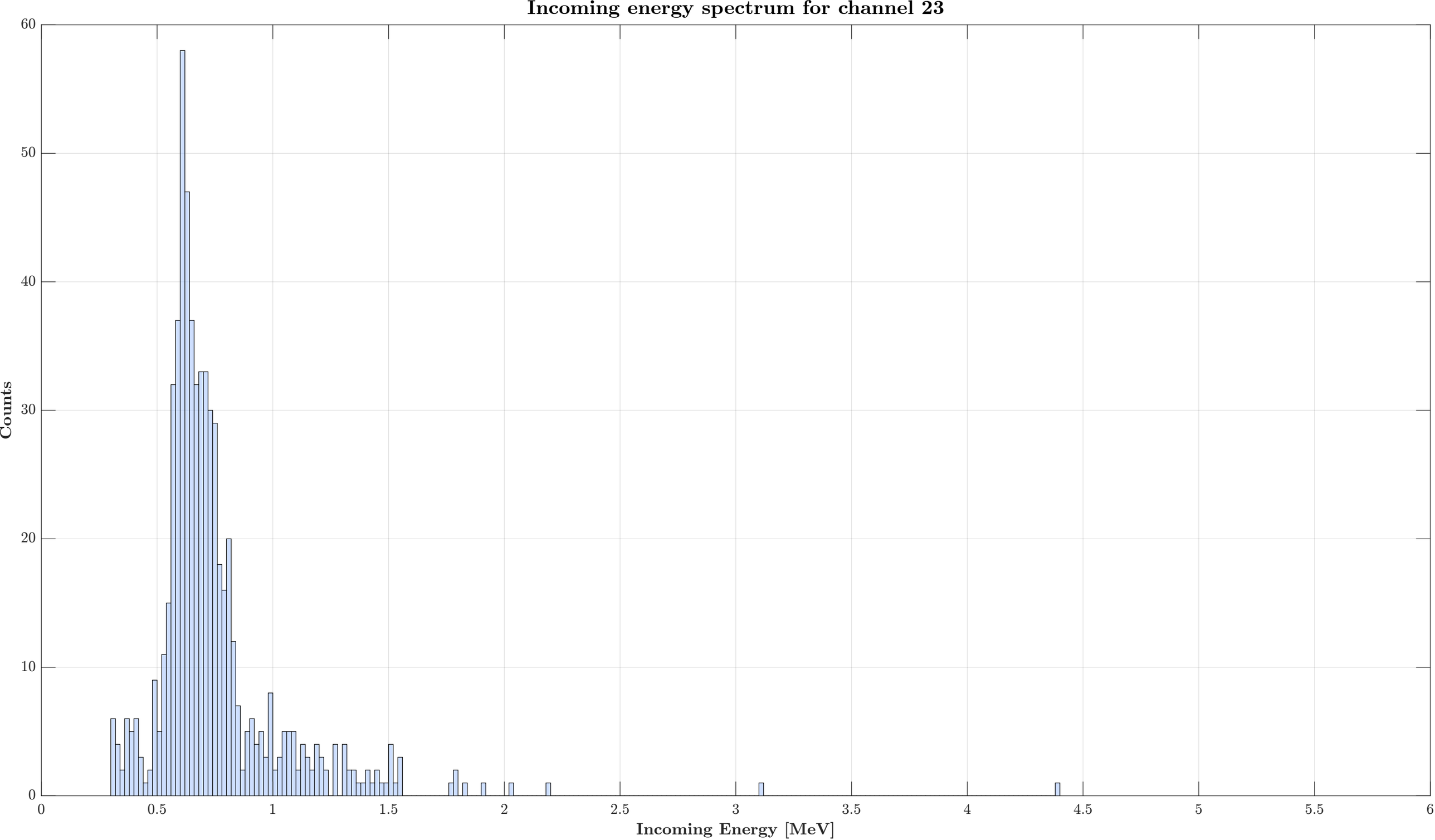Incoming energy spectrum for channel 23