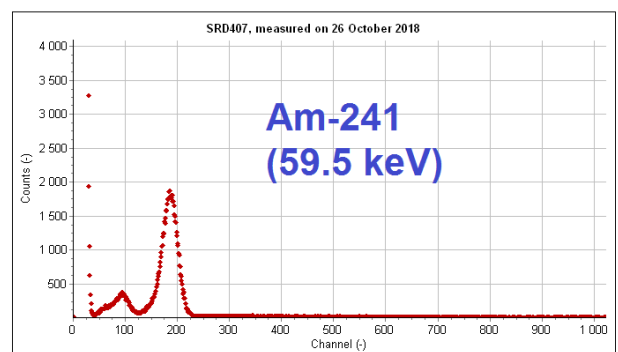
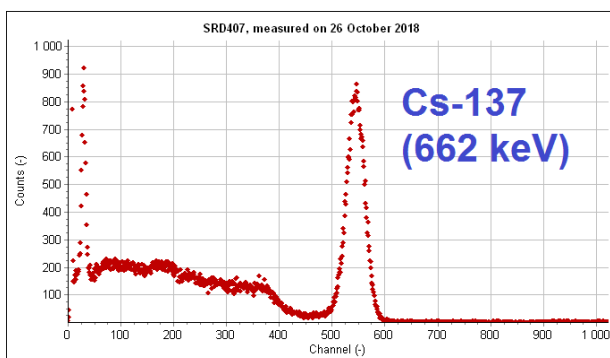


The new generation scintillator / Sipm detectors

- Compact
- Low power (5 V , 5 mA)
- Built-in temperature compensated bias generator / preamplifier
- PMT readout comparable energy resolution
- Wide choice of scintillator



The currently available silicon photomultipliers allow the design of compact low power sensors applicable in numerous applications. With a careful choice of the number of SiPms per scintillation crystal, the energy resolution and noise can be tuned / managed within the desired temperature range. Some examples of energy spectra are shown below.

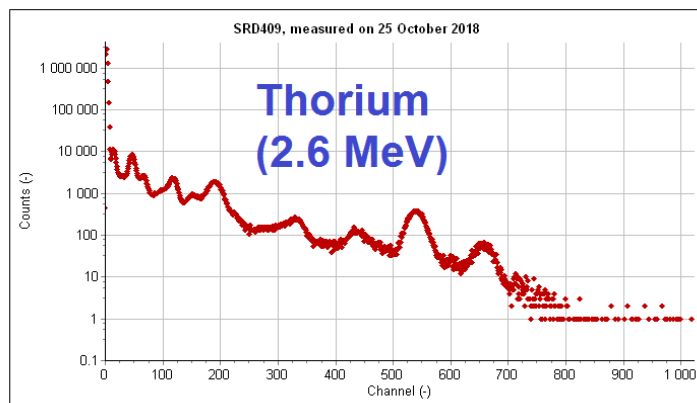
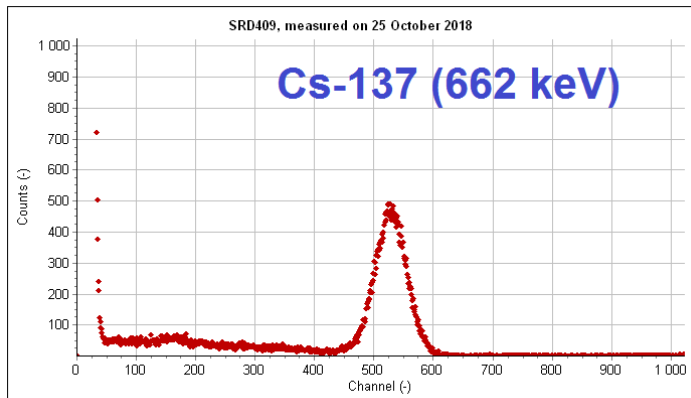


Nal(Tl)

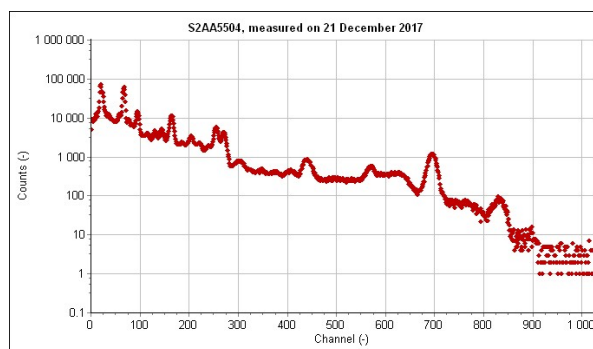
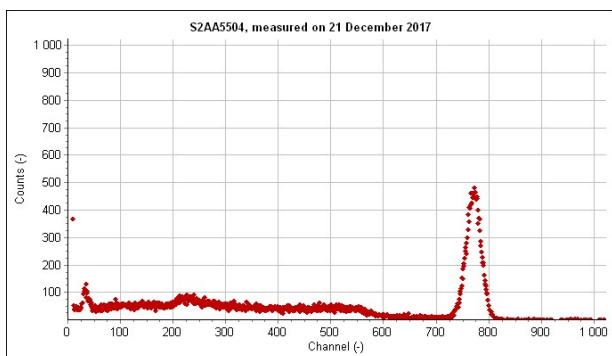
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