

## $^{27}\text{F}$

$^{27}\text{F}$  was discovered by Stevenson and Price in the 1981 paper “Production of the neutron-rich nuclides  $^{20}\text{C}$  and  $^{27}\text{F}$  by fragmentation of 213 MeV/nucleon  $^{48}\text{Ca}$ ” (1981St23).  $^{48}\text{Ca}$  at 213 MeV/nucleon from the Berkeley Bevatron was fragmented on a beryllium target. The fragments were focussed on a stack of Lexan plastic track detectors in the zero-degree magnetic spectrometer. “There is clear evidence for the first observation of  $^{20}\text{C}$  ( $\sim 40$  counts) and  $^{27}\text{F}$  ( $\sim 20$  counts).”

Adapted from reference (2012Th01)

1981St23 J. D. Stevenson and P. B. Price, Phys. Rev. C **24**, 2102 (1981).

2012Th01 M. Thoennessen, At. Data Nucl. Data Tables **98**, 43 (2012).

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