

## Erratum

### First identification of excited states in the $N = Z$ nucleus $^{70}\text{Br}$

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After the publication of the short note with the above title we have learnt that the level scheme proposed for the nucleus  $^{70}\text{Br}$  is identical with the low-energy part of the level scheme of  $^{193}\text{Tl}$  [1] as presented in [2].

This nucleus could be populated in our experiment via the reaction  $^{181}\text{Ta}(^{16}\text{O},4n)$  in the beamstop made of tantalum.

The assignment of the  $\gamma$  rays at 392, 406, 735, 751 and 754 keV to the nucleus  $^{70}\text{Br}$  was based on the analysis of ratios of  $\gamma - \gamma$  intensities from exit channels with different neutron and proton multiplicities, which are presented in Figs. 2–4 of the short note. This analysis gave a consistent picture. The critical point was that the assignments to

$3n$  as well as  $1p$  were extrapolations, since there were no known exit channels with  $3n$  or  $1p$  emission that could be used for comparison.

In conclusion, the level scheme presented in the short note displays excited states in  $^{193}\text{Tl}$ . The identification of excited states in  $^{70}\text{Br}$  remains an open problem.

## References

1. C. Svensson, priv. comm
2. S. Bouneau, et al., Eur. Phys. J. A **2**, 245 (1998)