Erratum

**Study of $^{242-248}\text{Cm}$ isotopes in the projected shell
model framework**

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The following are corrections to errors in published paper:

1. On page 5, Fig. 1. should be replaced by the following figure.

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2. On page 5, line 13, “The excited bands are predicted to possess the band having configuration $2\nu j_{15/2}(1/2, -3/2) K = 0$ in ^{242}Cm and $2\nu j_{15/2}(1/2, 1/2) K = 0$ in ^{244}Cm .” should be “From the band diagrams (Fig. 3), the excited bands are predicted to arise from mixing of the configurations $2\nu j_{15/2}(1/2, -3/2) K = 0$, $2\nu j_{15/2}(-3/2, -3/2) K = 0$, $2\pi i_{13/2}(1/2, 1/2) K = 0$ in ^{242}Cm and $2\nu j_{15/2}(-3/2, -3/2) K = 0$, $2\pi i_{13/2}(1/2, 1/2) K = 0$ in ^{244}Cm .”
3. On pages 5 and 6, line 16 and lines 1–4, “In $^{246,248}\text{Cm}$ the excited bands having configuration $2\nu j_{15/2}(1/2, 1/2) K = 0$ are compared with the experimental data. The maximum difference between the experimental and calculated values of energy in case of excited bands for the highest known spins are 0.12 MeV in ^{246}Cm and 0.54 MeV in ^{248}Cm .” should be “In $^{246,248}\text{Cm}$ the excited bands arising from configuration $2\nu j_{13/2}(1/2, 1/2) K = 0$ are compared with the experimental data. The maximum difference between the experimental and calculated values of energy in case of excited bands for the highest spins is 0.89 MeV in ^{246}Cm and 1.11 MeV in ^{248}Cm .”
4. On page 8, lines 9–11, “crossed by three 2-qp neutron and one 2-qp proton bands having configurations $2\nu j_{15/2}(1/2, -3/2) K = -1$, $2\nu j_{15/2}(1/2, 1/2) K = 0$, $2\nu[j_{15/2}(-3/2) + j_{13/2}(1/2)] K = -2$ and $2\pi i_{13/2}(1/2, -3/2) K = -1$, respectively.” should be “crossed by two 2-qp neutron and one 2-qp proton bands having configurations $2\nu j_{15/2}(1/2, -3/2) K = -1$, $2\nu[j_{15/2}(-3/2) + j_{13/2}(1/2)] K = -2$ and $2\pi i_{13/2}(1/2, -3/2) K = -1$, respectively.”
5. On page 8, line 12, “four” should be “three”.
6. On page 8, line 25, “four” should be “three”.
7. On page 11, in Sec. 4.1, line 5, “ $2\nu g_{9/2}[-7/2] K = -7/2$ ” should be “ $1\nu 2g_{9/2}[-7/2] K = -7/2$ ”.
8. On page 12, in Fig. 6, “ $2\nu g_{9/2}(-7/2) K = -7/2$ ” should be “ $1\nu 2g_{9/2}(-7/2) K = -7/2$ ”.
9. On page 13, in Sec. 4.3, line 6, “ $2\nu h_{11/2}[1/2] K = 1/2$ ” should be “ $1\nu 2h_{11/2}[1/2] K = 1/2$ ”.
10. On page 14, in Fig. 9, “ $2\nu g_{9/2}(7/2) K = 7/2$ ” should be “ $1\nu 2g_{9/2}(-7/2) K = -7/2$ ”.
11. On page 16, in Fig. 12, “ $2\nu h_{11/2}(1/2) K = 1/2$ ” should be “ $1\nu 2h_{11/2}(1/2) K = 1/2$ ”.