Erratum: Analysis of spectroscopic factors in ^{11}Be and ^{12}Be in the Nilsson strong-coupling limit [Phys. Rev. C **97, 011302(R) (2018)]**

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There was a mistake in Table II of our original paper showing the predicted spectroscopic factors for the $^{12}\text{Be}(d,p)^{12}\text{Be}$ reaction. For completeness, we present here the relevant formulas obtained from Eqs. (3) and (4):

$$S_{0^+,1/2^+} = C_{1/2,0}^2 \beta^2,$$

$$S_{0^+,5/2^+} = \frac{1}{3} C_{5/2,2}^2 \beta^2,$$

$$S_{0^+,1/2^-} = C_{1/2,1}^2 \alpha^2,$$

giving the correct predictions in the revised Table II. These corrections do not affect the main conclusions of the paper.

We would like to thank Dr. Antonio Moro for pointing out this mistake to us.

TABLE II. Predicted spectroscopic factors (with no quenching) in the Nilsson scheme for the reactions $^{12}\text{Be}(d,p)^{13}\text{Be}$ and $^{13}\text{B}(d,^3\text{He})^{12}\text{Be}$. Quoted uncertainties for the ^{12}Be case follow from those in the amplitudes obtained by the minimization procedure and the expressions above. These amplitudes do not enter in the ^{13}B case, which simply reduces to Clebsch-Gordan coefficients under the assumptions discussed in the paper.

Initial state	Final state	Energy (MeV)	ℓ	Calculated $S_{i,f}$
^{12}Be	^{13}Be			
0_1^+	$\frac{1}{2}^+$	0.00	0	0.24(3)
	$\frac{5}{2}^+$	≈ 1.8	2	0.07(1)
	$\frac{1}{2}^-$	$0 + x$	1	0.25(4)
^{13}B	^{12}Be			
$\frac{3}{2}^-$	0_1^+	0.00	1	0.50
	2_1^+	2.11	1	0.50
	0_2^+	2.24	1	0