Erratum: Antiferromagnetic spin ice correlations at $(\frac{1}{2},\frac{1}{2},\frac{1}{2})$ in the ground state of the pyrochlore magnet $Tb_2Ti_2O_7$ [Phys. Rev. B 87, 094410 (2013)]

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In the original paper, the plot colors and corresponding labels in the inset of panel (e) in Fig. 5 are incorrect. The correct figure with the corrected colors and labels is given below. The corrections presented here do not affect any of the results reported in the original paper, and all the conclusions in that paper remain unchanged.

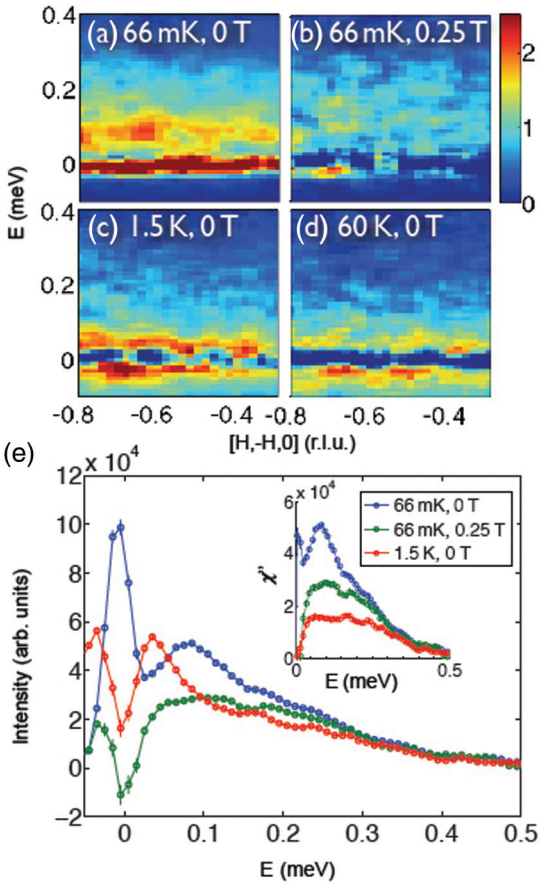

FIG. 5. (Color online) High-energy resolution data from the Low Energy Transfer (LET) with the 66 mK, 7 T data set used as a background. Inelastic scattering integrated over $[\frac{1}{2}H,\frac{1}{2}H,H] = [-1.5,1.0]$ r.l.u. (reciprocal lattice unit) and $[K,K,-K] = [-0.5,0.5]$ r.l.u. is shown for (a) $T = 66$ mK and $\mu_0 H = 0$, (b) $T = 66$ mK and $\mu_0 H = 0.25$ T, (c) $T = 1.5$ K and $\mu_0 H = 0$, and (d) $T = 60$ K and $\mu_0 H = 0$. A spin gap of $\sim 0.06 - 0.08$ meV opens up below 1.5 K, which was not resolved previously. The spin gap correlates strongly with the appearance of the $(\frac{1}{2},\frac{1}{2},\frac{1}{2})$ elastic magnetic peaks shown in Figs. 1–4. (e) Field and temperature dependences of the low-energy inelastic scattering as shown in panels (a)–(c), integrated over the full $[H,-H,0]$ range. The inset to (e) shows the same data corrected for the Bose factor, that is, $\chi''(\mathbf{Q},E)$ [see Eq. (1)].

