

Correction to Crystallographic and Magnetic Phase Transitions in the Layered Ruthenium Oxyarsenides TbRuAsO and DyRuAsO

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Page 8507. The peak in the thermal conductivity of DyRuAsO near 10 K shown in Figure 8 is an artifact produced by the chosen measurement and data analysis routine used by the measurement system (Quantum Design Physical Property Measurement System, Thermal Transport Option). This appears to be caused by the very sharp heat capacity anomaly at the Dy magnetic ordering temperature shown in Figure 7. Repeated measurements using different measurement parameters and techniques show the thermal conductivity of DyRuAsO to vary smoothly over the temperature range investigated and agree with the data in the original Figure 8 for temperatures outside the range of 8–10.5 K. Contrary to the original report, the corrected thermal conductivity data do not indicate unusual interaction between heat-carrying phonons and magnetism in this material. Interpretations and conclusions other than this are not affected.

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