



Correction to: Characterization of *Mycobacterium tuberculosis* ferredoxin with Mössbauer spectroscopy

Christina S. Müller¹ · Dominique F. Bechtel² · Hendrik Auerbach¹ · Juliusz A. Wolny¹ · Antonio J. Pierik² · Volker Schünemann¹

Published online: 10 February 2020
© Springer Nature Switzerland AG 2020

Correction to: *Hyperfine Interactions* (2019) 240: 117
<https://doi.org/10.1007/s10751-019-1678-4>

The article was published with erroneous values in Table 1. Please find in this document the correct version of Table 1 that should be regarded as the final version by the reader. The following changes have been made to Table 1: The numerical values of all A-Tensors are given in kG (kilo Gauss) instead of T (Tesla). Therefore the unit is changed from T to kG in the corrected version.

This article is part of the Topical Collection on *Proceedings of the International Conference of the Application of the Mössbauer Effect (ICAME 2019) held in Dalian, China, 1-6 September 2019*
Edited by Tao Zhang, Junhu Wang and Xiaodong Wang

The online version of the original article can be found at <https://doi.org/10.1007/s10751-019-1678-4>

✉ Christina S. Müller
csmueller@physik.uni-kl.de

Antonio J. Pierik
pierik@chemie.uni-kl.de

¹ Department of Physics, Technische Universität Kaiserslautern, Erwin-Schrödinger-Str. 46, 67663 Kaiserslautern, Germany

² Department of Chemistry, Technische Universität Kaiserslautern, Erwin-Schrödinger-Str. 54, 67663 Kaiserslautern, Germany

Table 1 Mössbauer parameters of *Mt* Fdx at $T = 4.2$ K compared to the reduced form of *Dg* Fdx II at $T = 4.2$ K [10, 15]

Component	<i>Mt</i> Fdx		<i>Dg</i> Fdx II [9,15]	
	1	2	1	2
δ (mms ⁻¹)	0.27 (± 0.02)	0.44 (± 0.02)	0.32	0.46
ΔE_Q (mms ⁻¹)	-0.53 (± 0.03)	1.47 (± 0.03)	-0.52	1.47
Γ (mms ⁻¹)	0.33* (± 0.02)	0.33* (± 0.02)	-	-
η	-2 (± 0.2)	0.4 (± 0.2)	-2	0.4
D (cm ⁻¹)	-1.70 (± 0.1)	-1.70 (± 0.1)	-2.5	-2.5
E/D	0.33 (-0.05)	0.33 (-0.05)	0.23	0.23
A/μ_{NGN} (kG)	(116/120/129) (± 5)	(-140/-140/-126) (± 5)	(99/116/126)	(-149/-149/-116)
% Area	33	67	33	67

*) For the simulation of the spectrum at $T = 77$ $\Gamma_1 = 0.30$ mms⁻¹ and $\Gamma_2 = 0.35$ mms⁻¹ was used

Publisher's note Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.