

Table 3
Statistical analysis parameters of the hyperfine fields dispersion extracted from Ti-Ti-CGGO with Fe content and alkaline/rare earths spectra at RT and LHeT

Sample	Nr	Δ_Q mm/s ± 0.01	a [%] ± 2.01	³ Average $\bar{\Delta}_Q$; $\epsilon\Delta_Q$ [mm/s]	⁴ Variance σ_Q^2 [mm/s] ²	⁵ Asymmetry σ_Q^3 [mm/s] ³	x_Q $\pm \epsilon_Q^2$ [mm/s]	$w_Q/2$ $\pm \epsilon_{w_Q}^2$ [mm/s]	B_{eff} [T] ± 0.25	a [%] ± 2.9	³ Average \bar{B}_{eff} δB_{eff} [T]	⁴ Variance $\sigma_{B_{\text{eff}}}^2$ [T] ²	⁵ Asymmetry $\sigma_{B_{\text{eff}}}^3$ [T] ³	$x_{B_{\text{eff}}}$ $\pm \epsilon_{B_{\text{eff}}}^2$ [T]	$w_{B_{\text{eff}}}/2$ $\pm \epsilon_{w_{B_{\text{eff}}}}^2$ [T]	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	
Ba-Ge	1	1.32	2.23	1.24	0.018205	0.007368	1.22		31.00	2.14	34.92	3.349403	-1.2229	34.91	3.86	
	2	1.35	15.74	0.42				0.15	32.68	9.34	7.13			± 0.08	± 0.16	
	3	1.23	19.64						34.7	17.10						
	4	1.15	16.35						36.5	13.17						
	5								38.13	3.80						
	6	0.93	4.59	1.55	0.044168	-0.022934	1.62	0.15	23.87	1.28	31.41	8.677309	-95886	32.51	4.57	
	7	1.66	21.70	0.34					27.35	3.42	11.13			± 0.07	± 0.42	
	8	1.57	19.76						30.08	25.19						
	9								35.00	24.57						

$$\begin{aligned}
 \bar{\Delta}_Q &= \frac{\sum_i \Delta_{Qi} a_i}{\sum_i a_i}; \delta \Delta_Q = \frac{\sum_i \Delta_{Qi} a_i}{\sum_i a_i} - \min(\Delta_{Qi}); B_{\text{hf}} = \frac{\sum_i B_{\text{hf}i} a_i}{\sum_i a_i}; \delta B_{\text{hf}} = \frac{\sum_i B_{\text{hf}i} a_i}{\sum_i a_i} - \min(B_{\text{hf}i}) \\
 \sigma_Q^2 &= \frac{\sum_i (\Delta_{Qi} - \bar{\Delta}_Q)^2 a_i}{\sum_i a_i}; \sigma_{B_{\text{hf}}}^2 = \frac{\sum_i (B_{\text{hf}i} - B_{\text{hf}})^2 a_i}{\sum_i a_i}; \sigma_Q^3 = \frac{\sum_i (\Delta_{Qi} - \bar{\Delta}_Q)^3 a_i}{\sum_i a_i}; \sigma_{B_{\text{hf}}}^3 = \frac{\sum_i (B_{\text{hf}i} - B_{\text{hf}})^3 a_i}{\sum_i a_i}
 \end{aligned}$$

Tabelul 3 (continuare)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Sr	1	1.15	5.44	0.99	0.015719	-0.00154	0.95	0.24							
	2	1.04	14.43	0.40			±0.02	±0.02							
	3	0.9	13.23												
	4	0.75	5.79												
	5	2.1	5.61	1.75	0.035433	0.002189	1.67	0.42							
	6	1.89	25.01	0.53			±0.01	±0.01							
	7	1.57	30.48												
Sr(La)	1	1.25	3.14	1.04	0.03533	-0.00545	0.91	0.34	44.43	1.33	46.75	2.78089	-2.0727	47.30	2.33
	2	1.18	5.37	0.65			±0.02	±0.05	45.24	4.60	4.67				
	3	1.09	10.83						46.17	8.87					
	4	0.77	11.10						47.41	9.12					
	5	0.6	5.71						49.1	3.91					
	6	1.97	6.80	1.73	0.021893	-0.00081	1.70	0.31	33.1	1.84	39.61	6.17517	-16.036	39.50	4.07
	7	1.85	18.43	0.48			±0.01	±0.02	36.09	19.40	8.09				
	8	1.7	26.16						41.19	50.92					
	9	1.49	12.45												
	10	1.36	4.17	1.08	0.04826	-0.00701	0.91	0.30	43.1	3.86	45.79	3.01382	2.3605	44.50	2.51
Sr(Nd)	2	1.03	8.16	0.72			±0.02	±0.06	44.64	8.92	5.90				
	3	0.89	10.31						45.65	11.46					
	4	0.77	7.68						47.95	5.16					
	5	0.64	3.97						49	3.41					
	6	1.91	8.07	1.72	0.01445	-0.00133	1.69	0.26	36.3	6.57	40.35	3.76235	-2.1051	40.01	3.93
	7	1.79	21.91	0.57			±0.01	±0.02	38.44	17.22	8.31				
	8	1.68	27.20						40.49	22.92					
	9	1.44	6.03						42.52	14.87					
	10	1.34	2.49						44.61	5.60					

