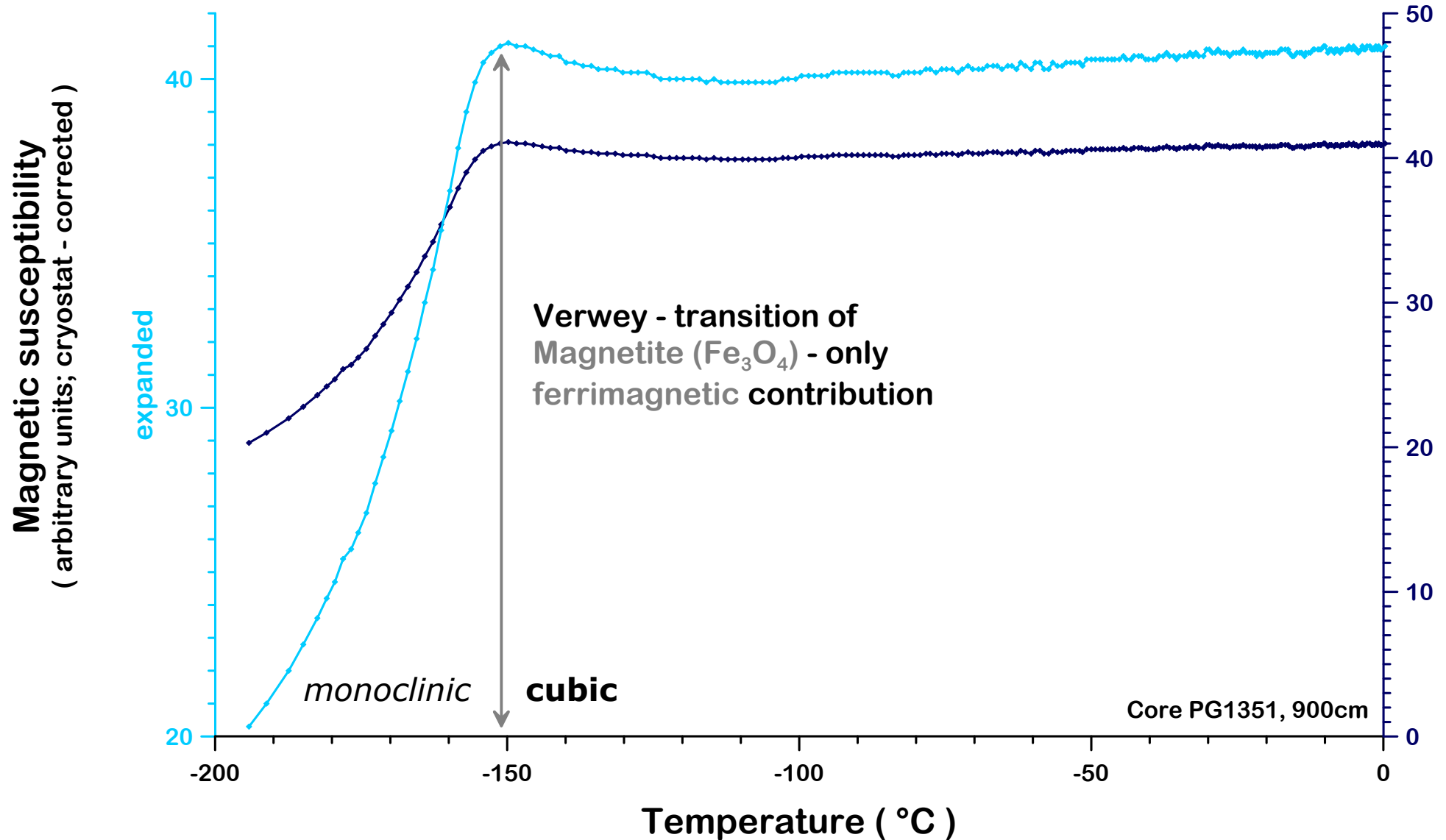


Kappabridge

Temperature-dependent measurements of magnetic susceptibility

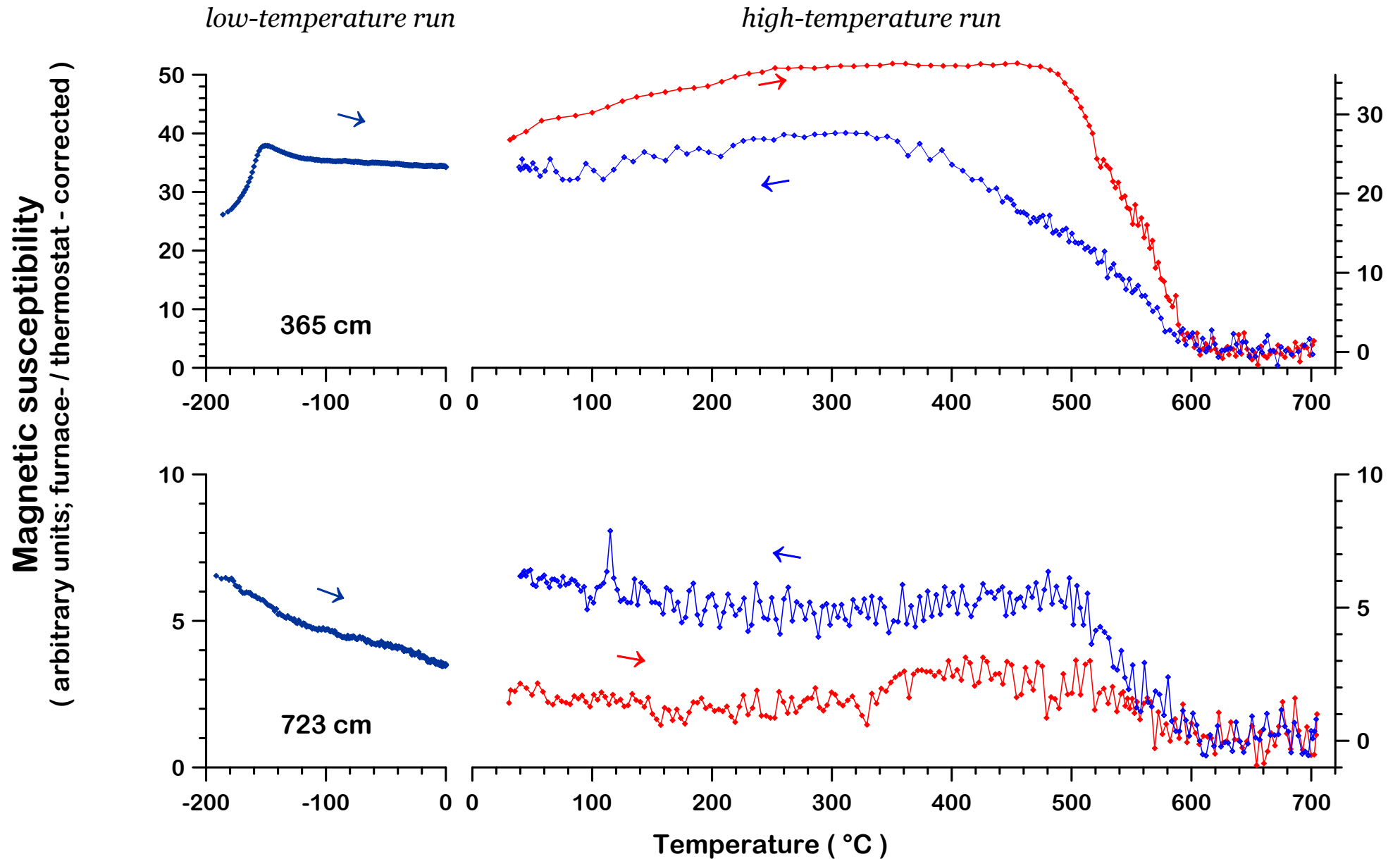
bulk sediment

(Lake El'gygytgyn, North-East-Siberia)



Kappabridge KLY-3S

Temperature-dependent measurements of magnetic susceptibility
(examples from core PG1351, Lake El'gygytyn, Chuchotka Peninsula)

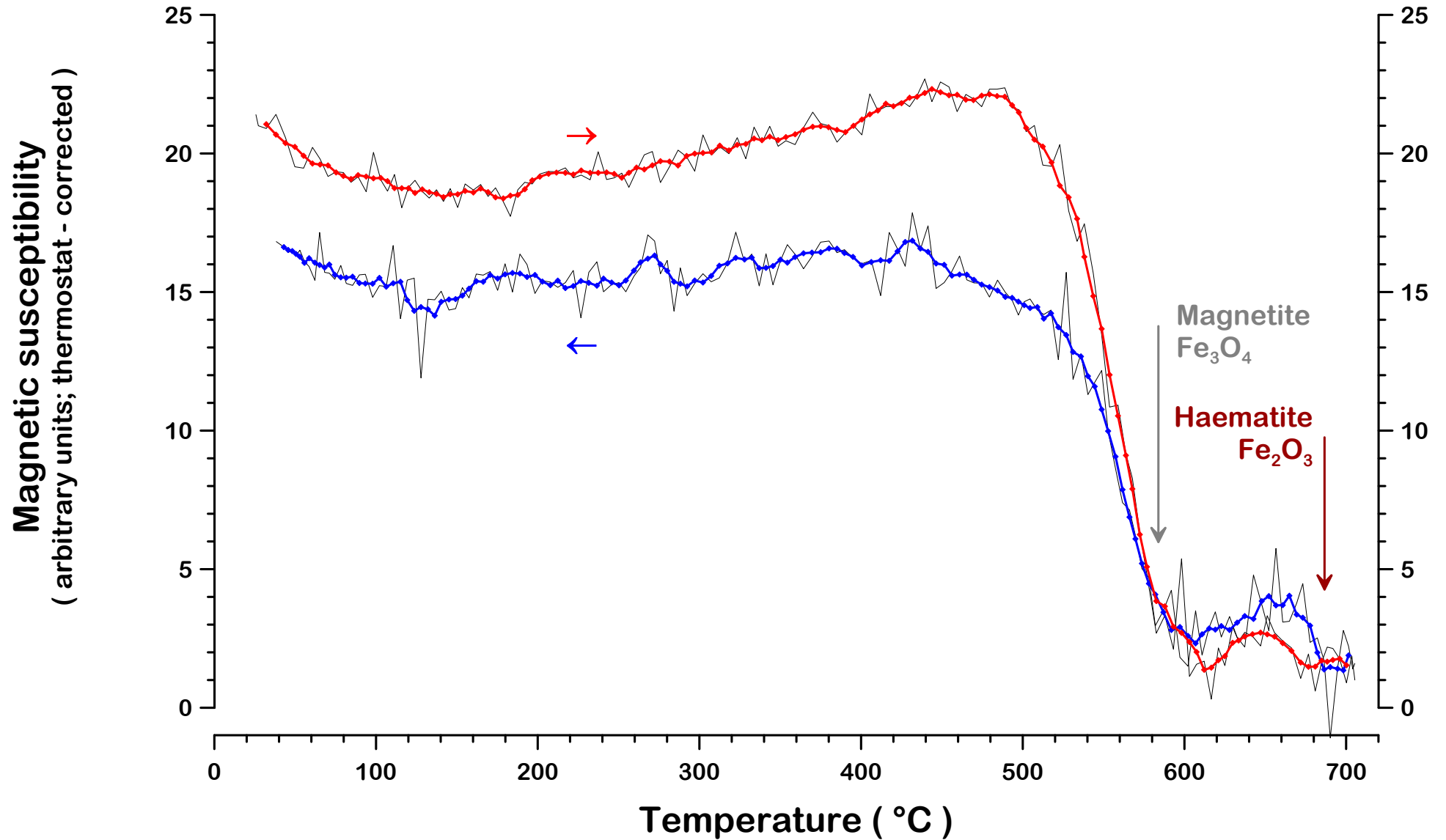


Kappabridge

Temperature-dependent measurements of magnetic susceptibility (Argon atmosphere)

Basalt

(sample ai20, Mexico)

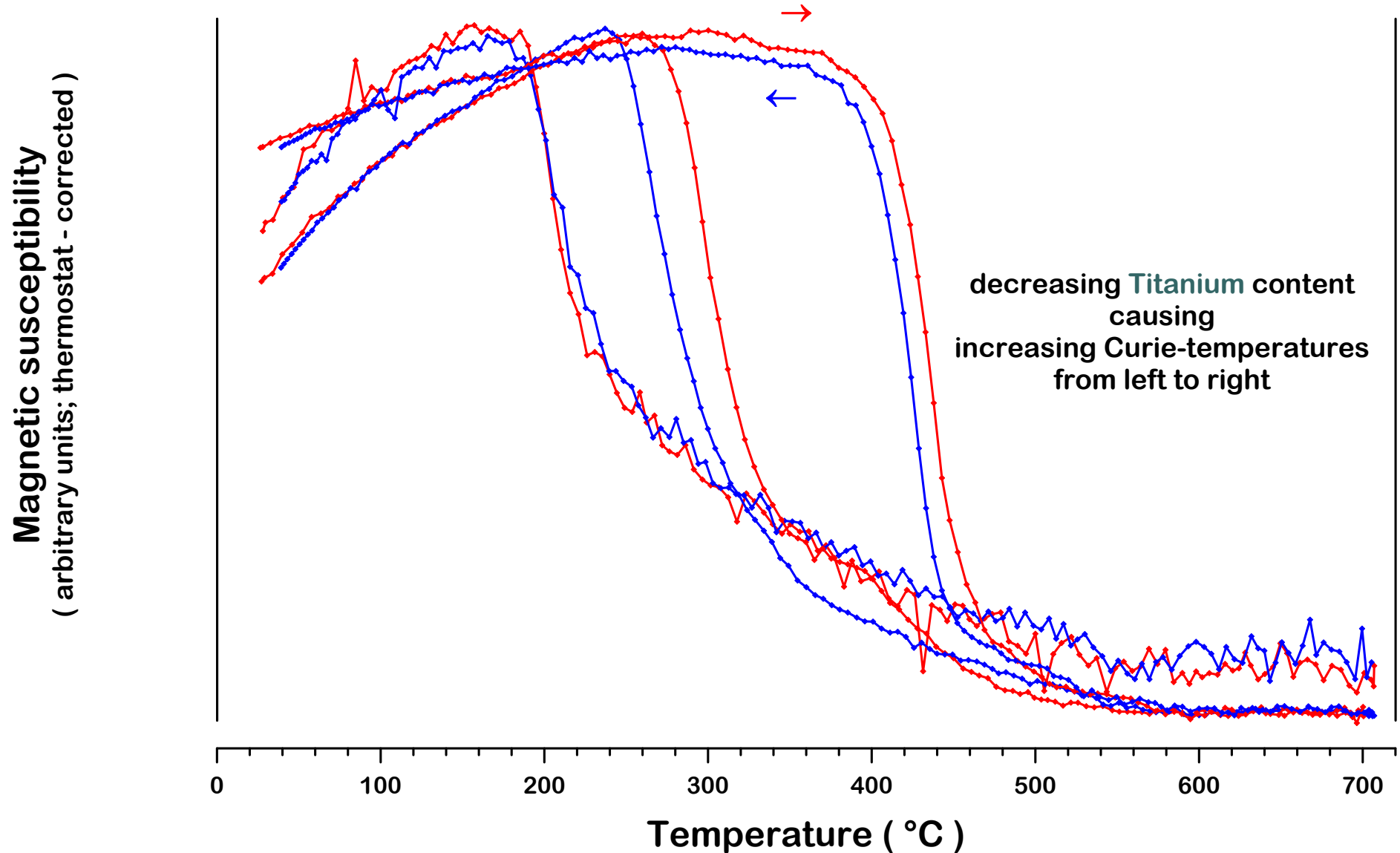


Kappabridge

Temperature-dependent measurements of magnetic susceptibility (Argon atmosphere)

Basalt

(samples ay2, du6, dy3, Mexico)

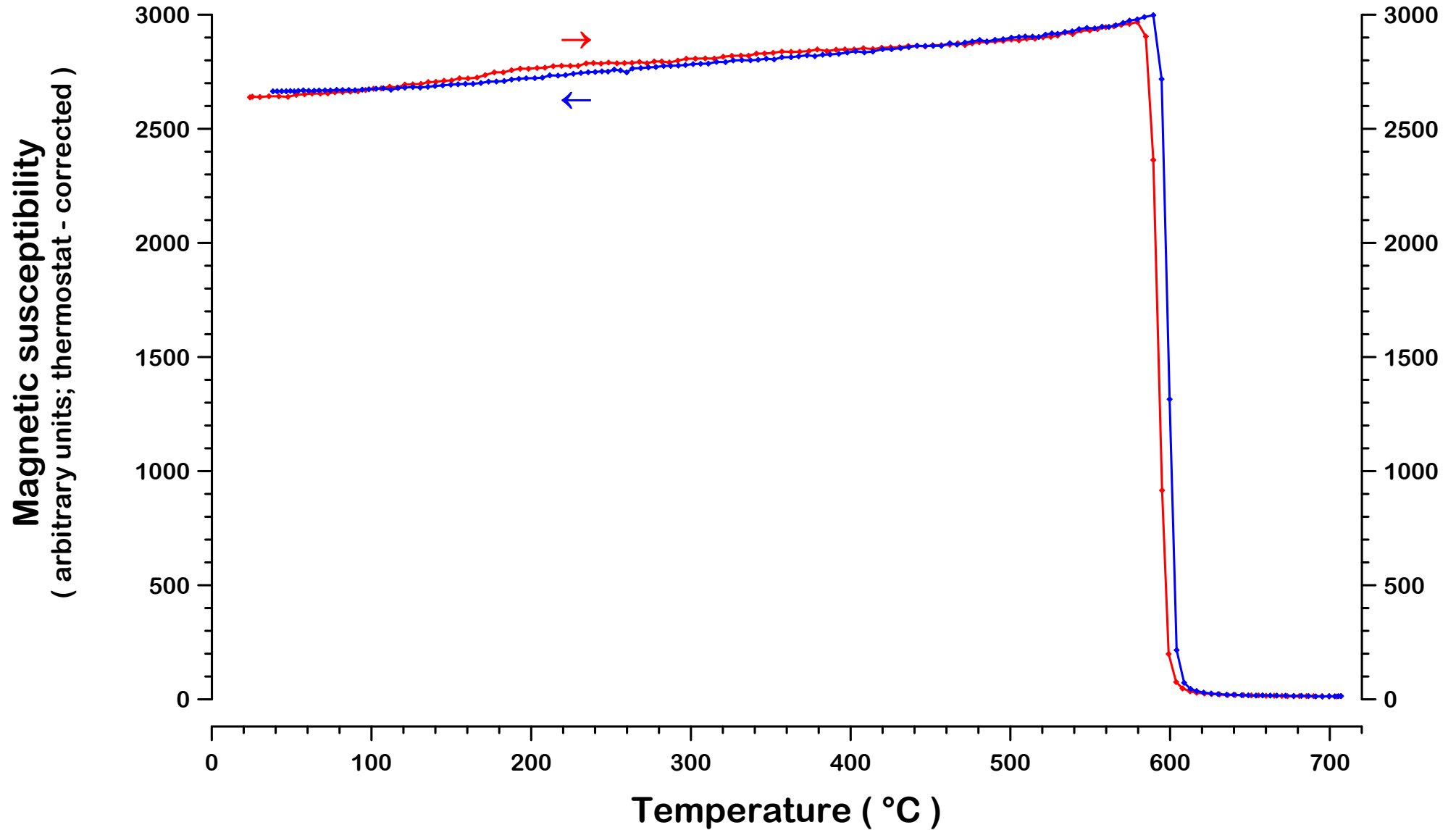


Kappabridge

Temperature-dependent measurements of magnetic susceptibility (Argon atmosphere)

Magnetite (Fe_3O_4)

(crushed iron ore, Kiruna, Sweden)

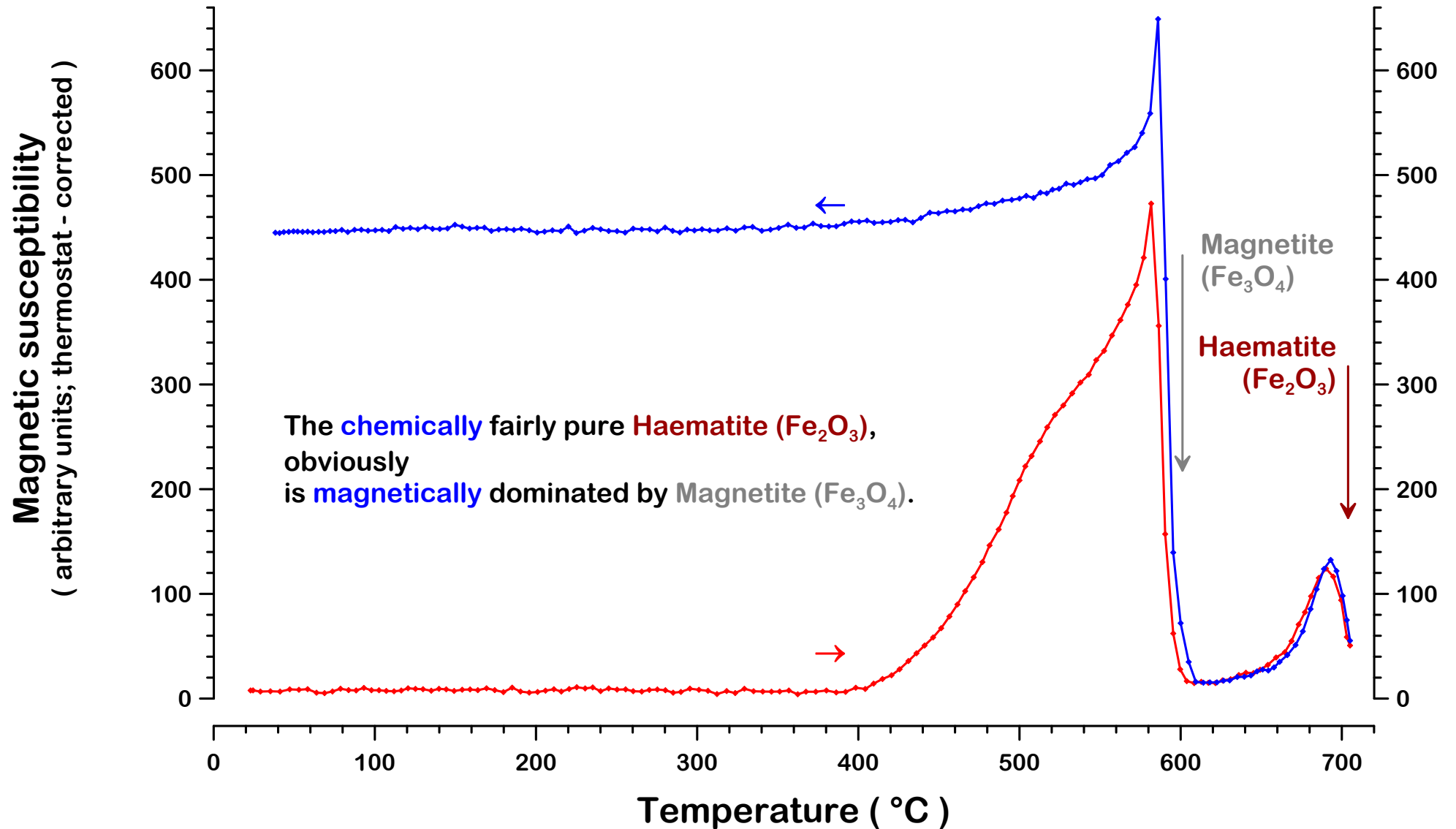


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Temperature-dependent measurements of magnetic susceptibility (Argon atmosphere)

Haematite (Fe_2O_3)

(technical, metal basis, purity: 99,945%)

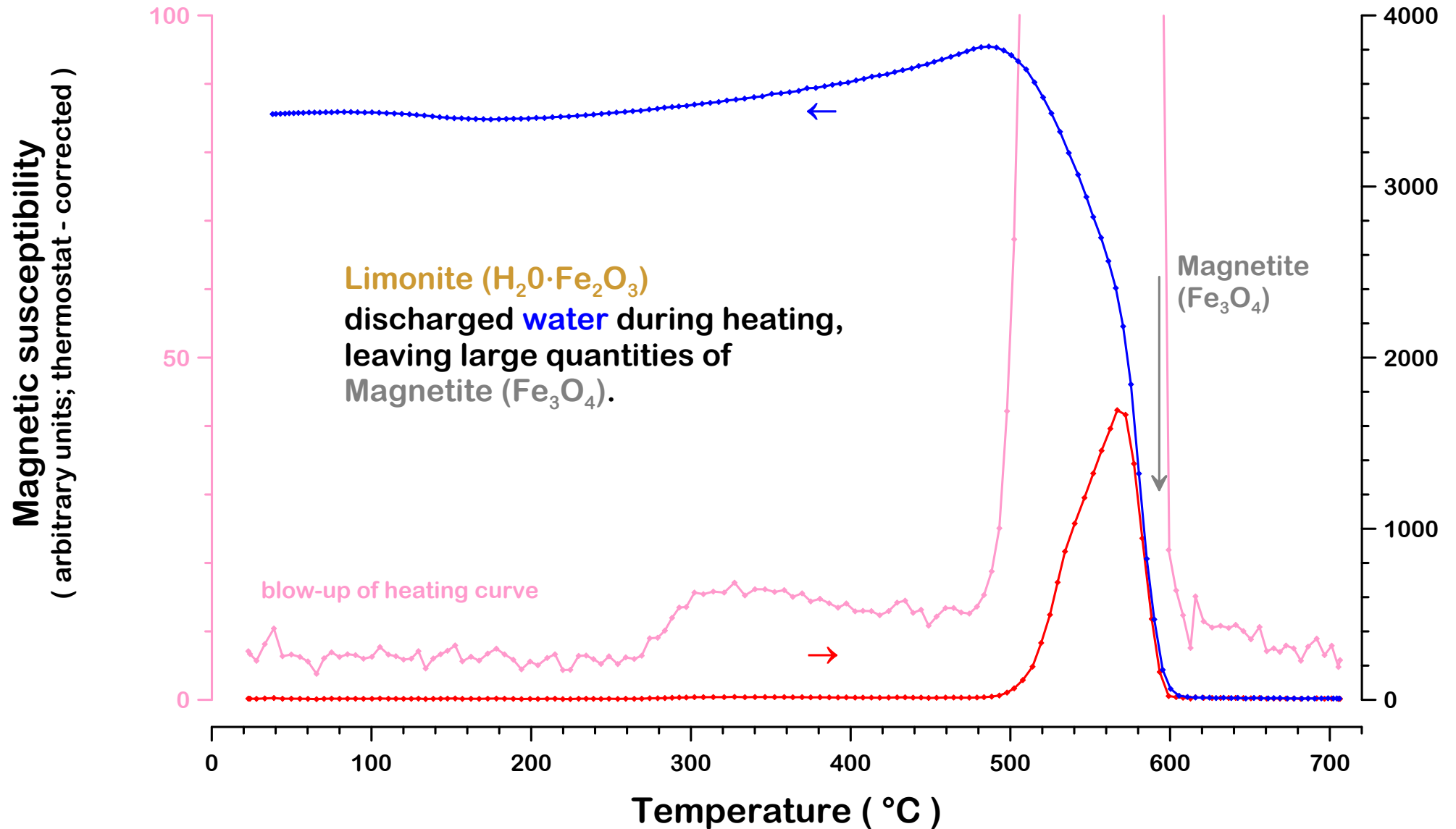


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Temperature-dependent measurements of magnetic susceptibility (Argon atmosphere)

Limonite (mainly: $\text{H}_2\text{O}\cdot\text{Fe}_2\text{O}_3$) \rightarrow **Magnetite**

(concretion, Föhr Island, Germany)

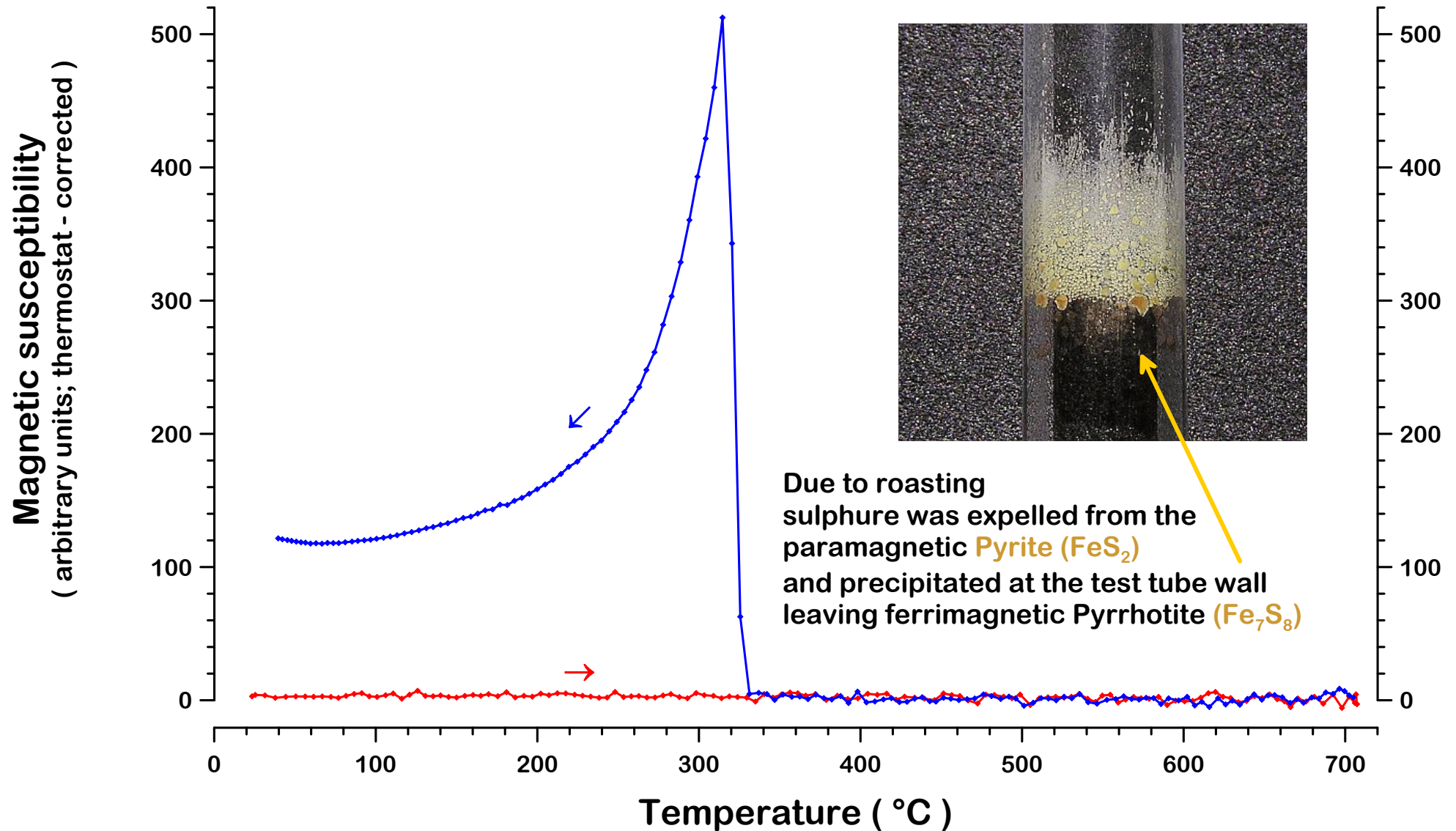


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Temperature-dependent measurements of magnetic susceptibility (Argon atmosphere)

Pyrite (FeS_2) \rightleftharpoons Pyrrhotite (Fe_7S_8)

(Elba, Mediterranean Sea)

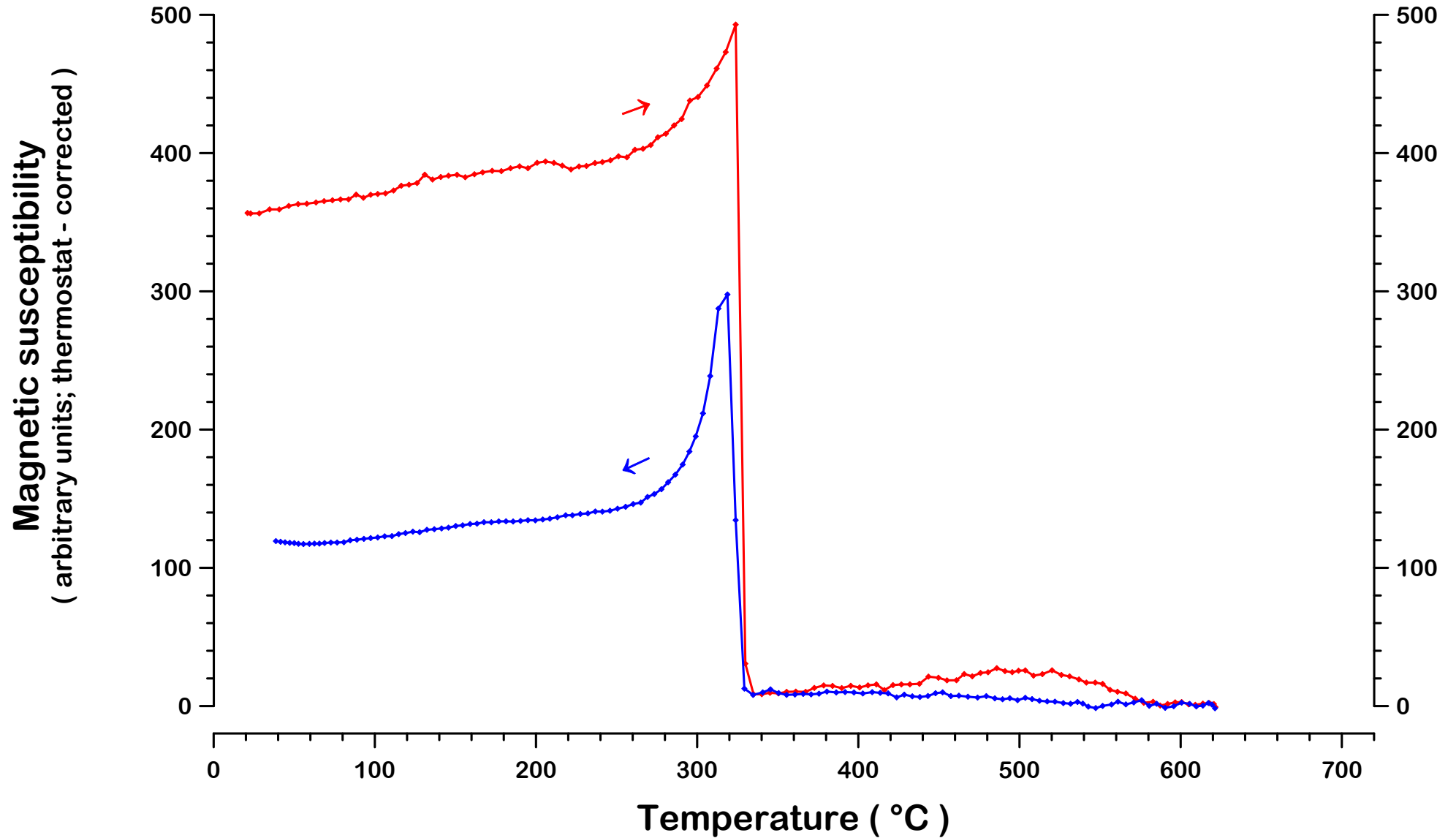


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Temperature-dependent measurements of magnetic susceptibility (Argon atmosphere)

Pyrrhotite (Fe_7S_8)

(Dalnegosk, East-Siberia)

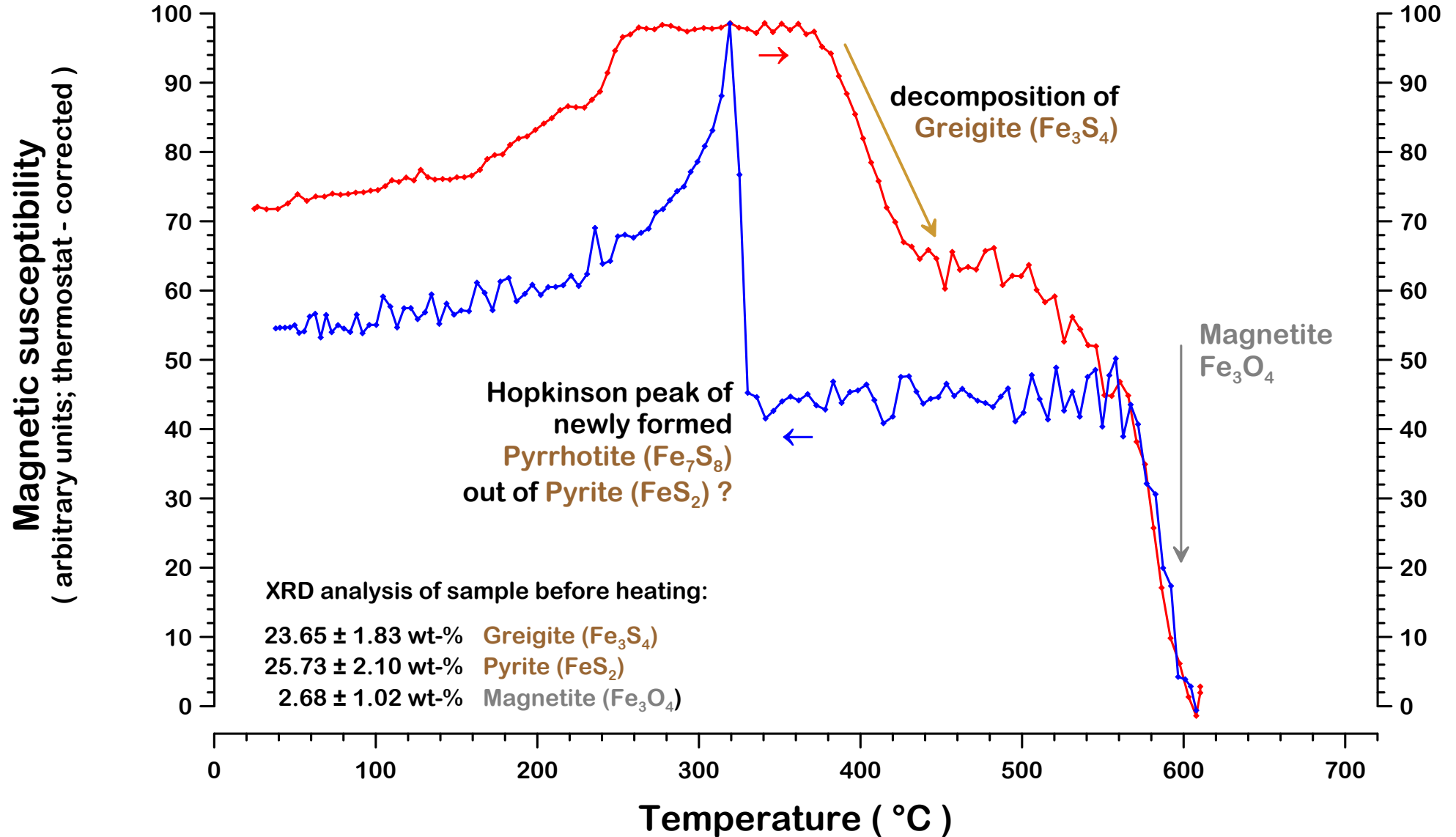


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Temperature-dependent measurements of magnetic susceptibility (Argon atmosphere)

Magnetite (Fe_3O_4) & Greigite (Fe_3S_4) \rightarrow Pyrrhotite (Fe_7S_8)

(magnetic extract from sediments from Lake Kinneret, Israel)



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Temperature-dependent measurements of magnetic susceptibility (Argon atmosphere)

various iron sulphides, mainly Greigite (Fe_3S_4) & Magnetite (Fe_3O_4)

(magnetic extract from concretions in Black Sea sediments)

