The power of computational thermochemistry in high-temperature process design and optimization: Part 2 – Pyrometallurgical process modeling using FactFlow

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Electronic Supplementary Material (ESM)

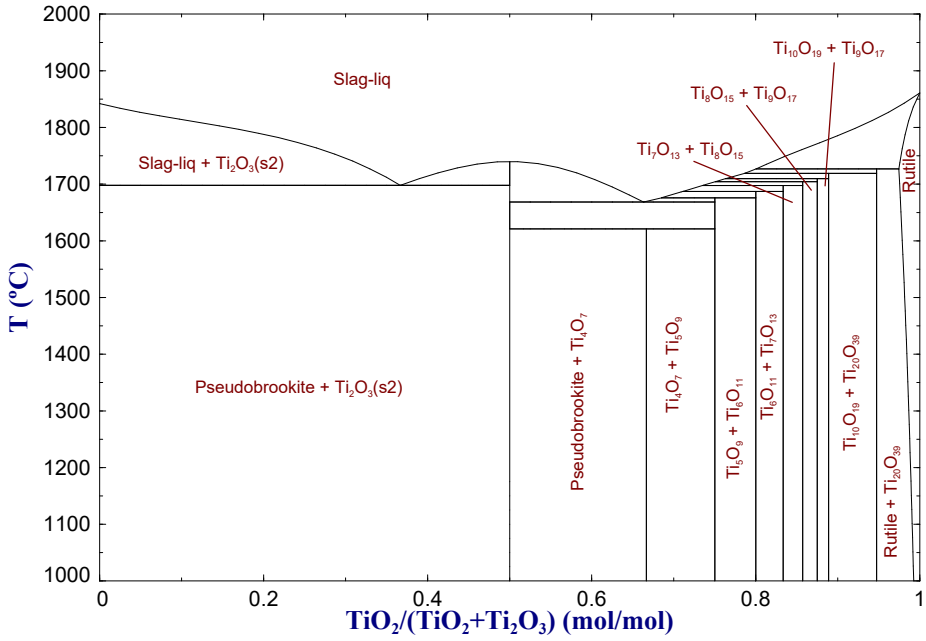

Figure E1. Ti_2O_3-TiO_2 phase diagram computed with FTOxid database, illustrating the stability domains of the slag phase (molten oxide) and various intermediary compounds resulting from mixed titanium oxidation states (Ti^{3+}/Ti^{4+}).

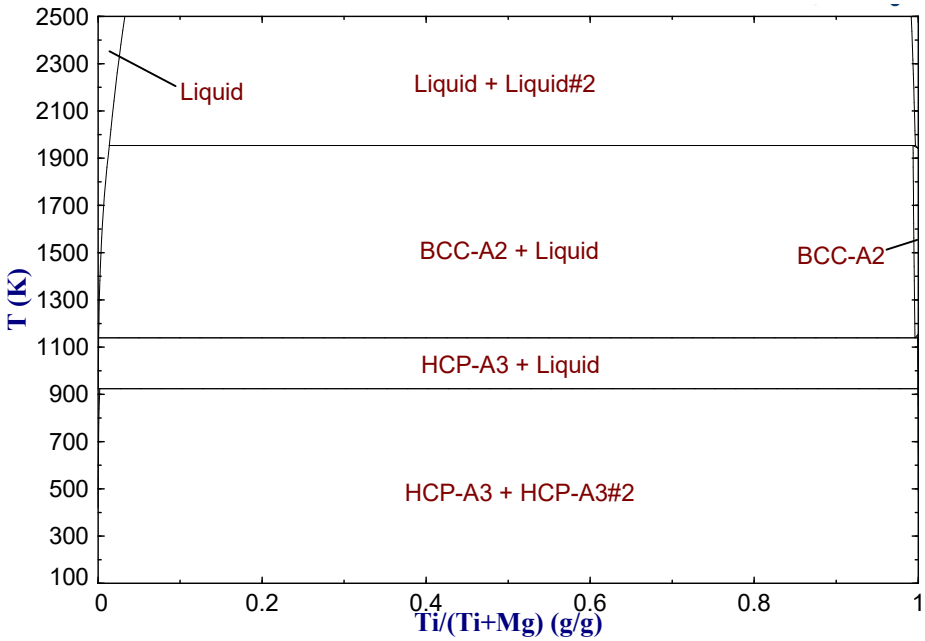

Figure E2. Mg-Ti phase diagram computed with FTlite database.