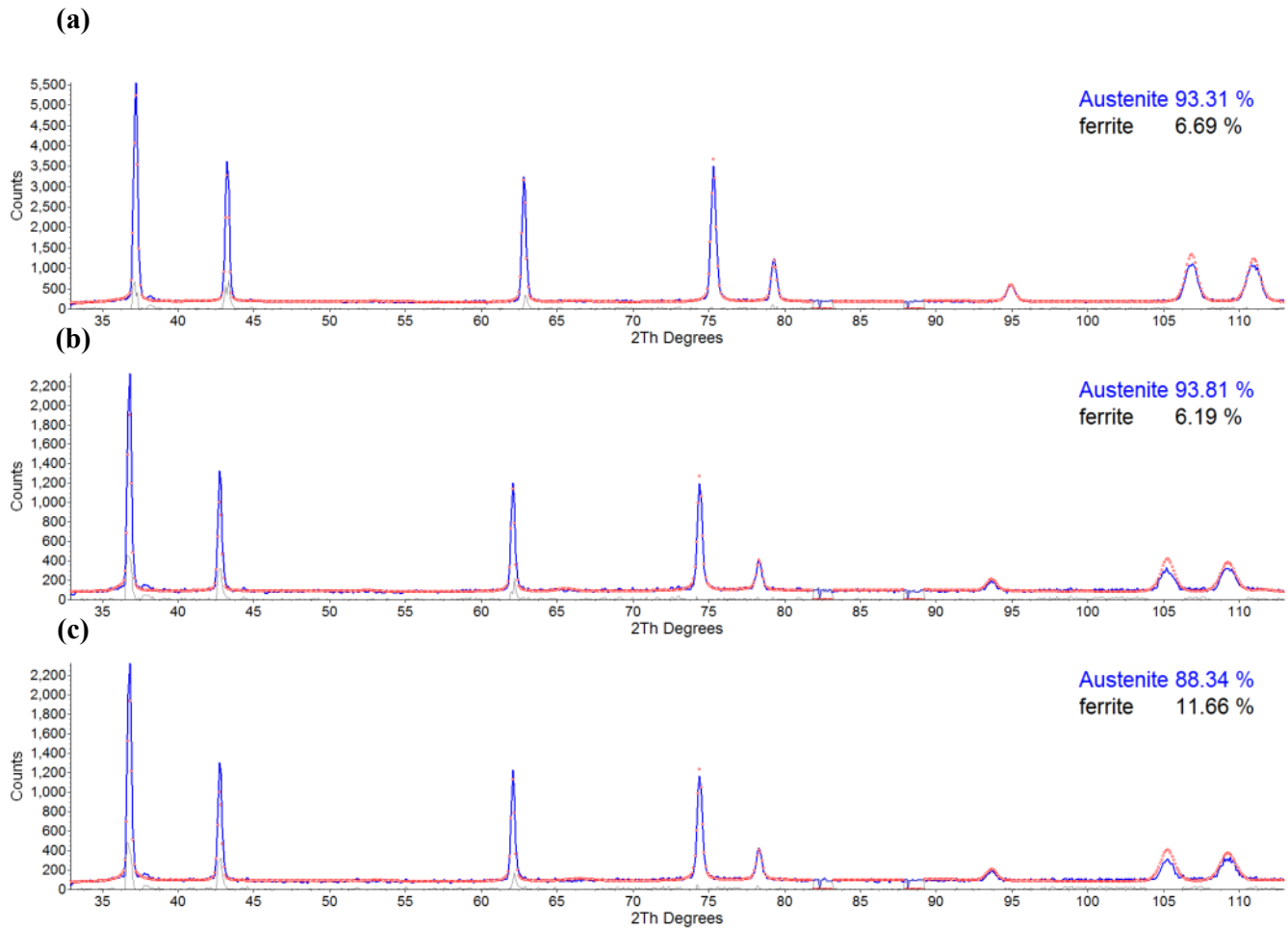








Phase quantification of the investigated samples was achieved by rietveld refinement technique using the software Topas V3, typical fitted diffraction patterns are shown in Fig.3.



*Fig.3: Typical rietveld refinement fittings of diffraction patterns of 600-710µm D2 droplets IA atomized in nitrogen, heated from room temperature to 550°C and held for (a) 5 min (b) 120 min (c) 180 min.*

## References

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