Supporting information for: Diverse Structural and Magnetic Properties of Differently Prepared MnAs Nanoparticles

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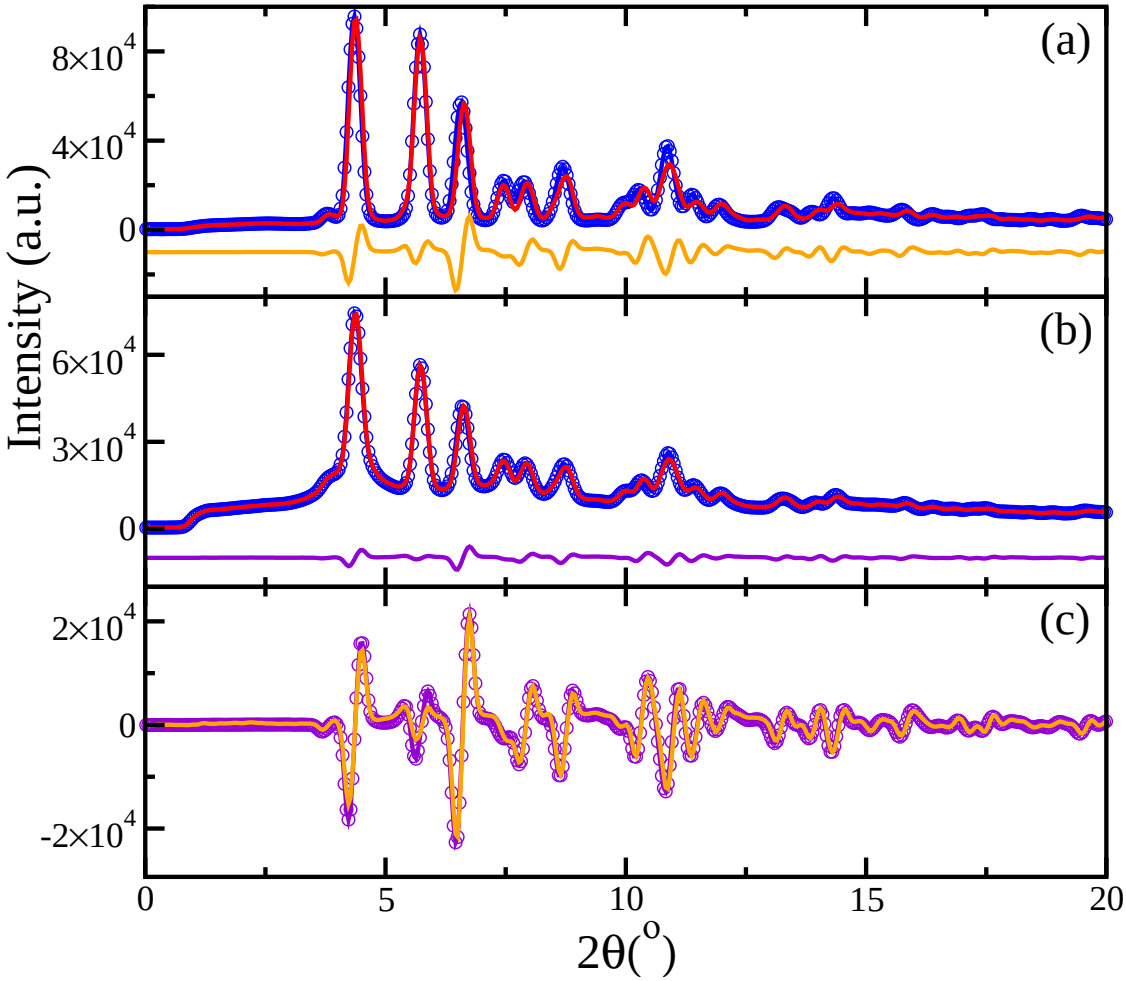
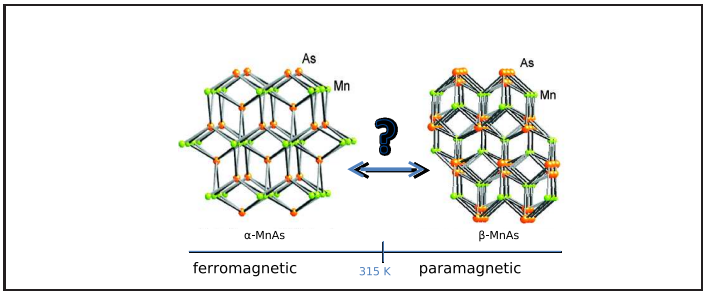


Figure 1: (a) comparison of the difference (orange curve) between 295 (blue line) and 335 K (red line) diffraction pattern for bulk MnAs. (b) same as (a) but for type-A nanoparticles with violet-colored difference curve. (c) comparison of the difference curves from (a) and (b). The orange is the same as the difference curve in (a) and the violet is the result of scaling the curve in (b) by a factor of 4 for comparison.

Graphical TOC Entry



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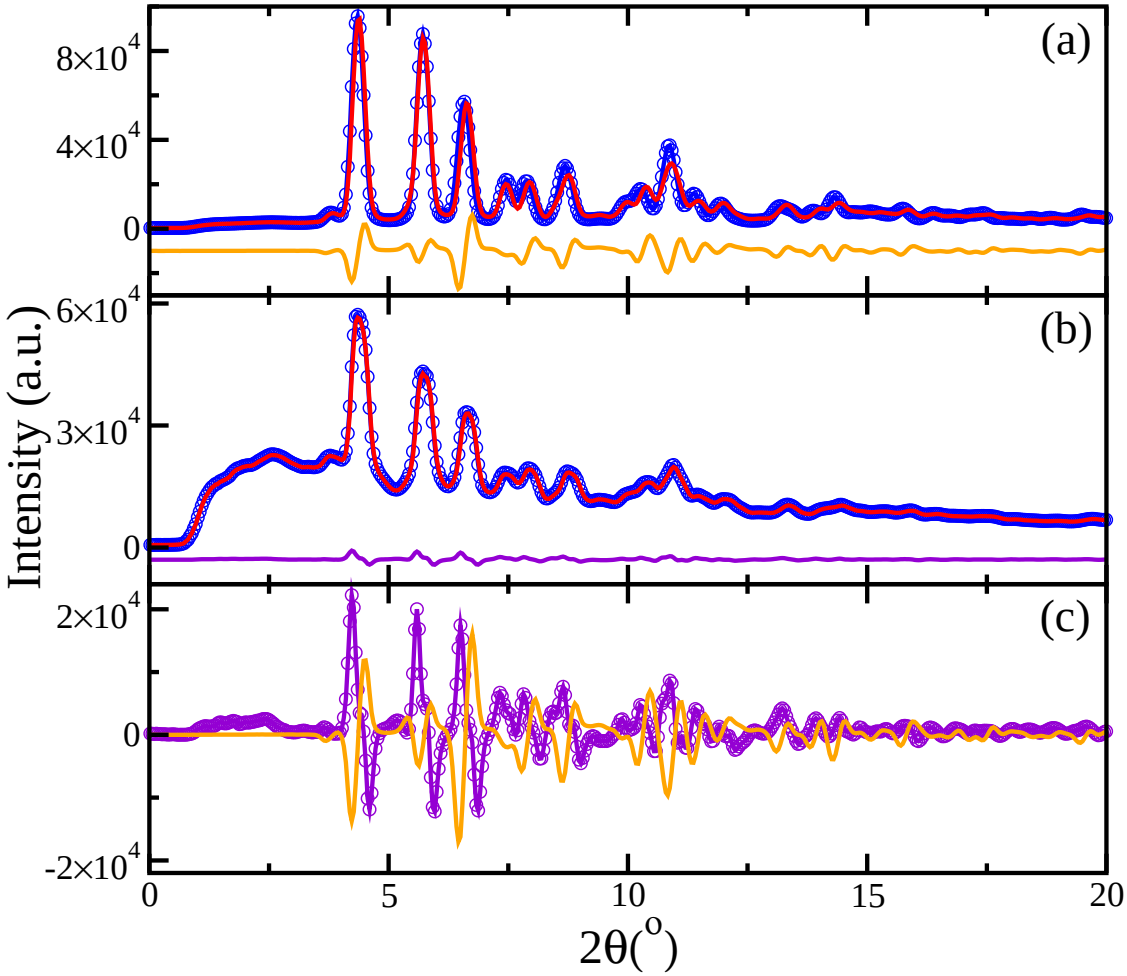

Figure 2: Same as Figure 1 but for type-B nanoparticles. In (c) the difference curve (violet) of type-B nanoparticles is scaled by a factor of 10 since its amplitude is too small to compare with the bulk one.