XRD Experimental data χ^2 / ndf 231.2 / 153 5000 604.5 ± 29.42 -4.487 ± 0.778 m 4500 38.22 + 0.001921 **MEAN** 4000 constG 2834 ± 418.4 SigmaG 0.2912 ± 0.005483 3500 3000 constL 9455 ± 389.9 GammaL 0.4956 ± 0.03377 Experimental data 2500 2000 f = 0.6fit range is [34,42] BG + PSEUDO BG f*Gaussian (1-f)*Lorentzian 1500 1000 500

38

Angle 2theta [grad]

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