XRD Experimental data χ^2 / ndf 131.8 / 133 700 417.8 ± 116.6 -1.543 ± 1.363 m 600 **MEAN** 81.81 ± 0.02234 constG 256.5 ± 93.34 **SigmaG** 0.5916 ± 0.06894 500 constL 114.8 ± 115.6 counts GammaL 0.3134 ± 0.1492 400 ntensity 300 200 Experimental data f = 0.4fit range is [80,87] **BG + PSEUDO** 100 BĞ Gaussian Lorentzian 80 81 82 83 86 84 85 Angle 2theta [grad]