Background 2 Background 1 Background 0 extrapeak a hcp FeNi c hcp FeNi a extrapeak Peak Shape hcp FeNi Peak Shape extrapeak Peak Width hcp FeNi Peak Width extrapeak Peak 0 Intensity hcp FeNi Peak 2 Intensity hcp FeNi Peak 1 Intensity hcp FeNi Peak 0 Intensity i Peak Shape c Peak Shape hcp FeNi a hcp FeNi c Intensity Intensity extrapeak Background Background ackground eak eak eak extrapeak Peak hcp FeNi extrapeak hcp FeNi extrapeak Fe Ni

1.00 0.75 0.50 0.25 0.00 -0.25-0.50-0.75

-1.00