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QuickNXS Users Manual

Version 0.5



../../icons/logo.pdf

Extraction software
of the
SNS Magnetism Reflectometer
Beamline - 4A.

Last updated February 6, 2013

Q_z

$$\chi^2$$

$$\chi^2_{stitch} =$$

$$\left| \sum_{DS1} \frac{(\log(I_i) - p(Q_i))^2}{(\delta I_i/I_i)^2} + \sum_{DS2} \frac{(\log(I_j \cdot scale) - p(Q_j))^2}{(\delta I_j/I_j)^2} \right.$$

$$p(Q) =$$

$$\sqrt{a \cdot Q^2 + b \cdot Q + c}$$