Polydispersity

The size distribution of particles leads to smearing effects. The scattered intensity reads

<math> I_

Unknown macro: {poly}

(q,x) = \int_0^

Unknown macro: {infty}

G(x,r) I(q,r) dr</math>

where $G(x,r)$ characterizes the distribution function such that $\int G(x, r) dr = 1$.