

# Mott Polarizations

Nominal Cuts: +/- 2 sigma in Time-of-Flight, -1 to +3 in Energy

$$P = A_0 / S_{\text{theory}}$$

Run 1:

$$\lambda(\text{fit}) = 0.3117 \pm 0.0098$$

$$A_0(\text{fit}) = 43.90 \pm 0.12$$

$$S_{\text{theory}} = 0.51 \pm \text{something tiny}$$

$$P = 86.07 \pm 0.24$$

Run 2:

$$\lambda(\text{fit}) = 0.3136 \pm 0.0098$$

$$A_0(\text{fit}) = 43.97 \pm 0.10$$

$$P = 86.22 \pm 0.20$$

