Weighted marginal PDFs x=37SH 2019-02-24 granule: 08800210 Marginal PDF group2 Marginal PDF group1 Marginal PDF group3 Weighted mean over group & wavenumber 2 π/4  $-\pi/2$  $-\pi/4$  $\pi/2$ -π/2  $-\pi/4$  $\pi/4$  $\pi/2$ Angle (rad) Angle (rad) Final angle PDF 2 1 -π/2  $-\pi/4$ π/4 π/2 Angle (rad)