Weighted marginal PDFs x=37SH 2019-02-19 granule: 08070210 Marginal PDF group1 Marginal PDF group2 5.0 5.0 PDF 2.5 2.5 0.0 Marginal PDF group3 Weighted mean over group & wavenumber 5.0 5.0 ρF 2.5 2.5 0.0  $-\pi/2$  $-\pi/4$  $\pi/4$  $\pi/2$  $-\pi/2$  $-\pi/4$  $\pi/4$  $\pi/2$ Angle (rad) Angle (rad) Final angle PDF 2 0 -π/2  $-\pi/4$ π/4 π/2 Angle (rad)