Weighted marginal PDFs x = 737SH 2019-05-02 granule: 05180312 Marginal PDF group2 Marginal PDF group1 5.0 5.0 PDF 2.5 2.5 0.0 Marginal PDF group3 Weighted mean over group & wavenumber 5.0 5.0 PDF 2.5 2.5 0.0 $-\pi/2$ $-\pi/4$ 0 $\pi/4$ $\pi/2$ $-\pi/2$ $-\pi/4$ $\pi/4$ $\pi/2$ Angle (rad) Angle (rad) Final angle PDF 4 2 0 -π/2 -π/4 π/4 π/2 Angle (rad)