Weighted marginal PDFs x=37SH 2019-05-02 granule: 05160312 Marginal PDF group2 Marginal PDF group1 4 PDF 2 Marginal PDF group3 Weighted mean over group & wavenumber 4 PDF 2 0 -π/4 -π/2 $-\pi/4$ $\pi/4$ $\pi/2$ $-\pi/2$ $\pi/4$ $\pi/2$ Angle (rad) Angle (rad) Final angle PDF 2 -π/2 $-\pi/4$ $\pi/4$ π/2 Angle (rad)