Weighted marginal PDFs x = 112SH 2019-02-19 granule: 08070210 Marginal PDF group1 Marginal PDF group2 10 10 -PDF Marginal PDF group3 Weighted mean over group & wavenumber 10 -10 ÖF 5 5  $-\pi/2$  $-\pi/4$  $\pi/4$  $\pi/2$ -π/2  $-\pi/4$  $\pi/4$  $\pi/2$ Angle (rad) Angle (rad) Final angle PDF 5 -π/2  $-\pi/4$ π/4 π/2 Angle (rad)