Histogram Showing the Normalised Marginalised PDF of Velocity Marginalised 2.0 Mean 1σ 2σ 1.5 Raw Histogram P(v) (arb) 0.5 0.0 -1.0-0.8-0.6-0.4-0.20.0 0.2 0.4 0.6 +9.7e3 Velocity(ms^{-1})