Upstream, Data Reference dataUSref\_prerad\_YdYdz  $\mathsf{d}\mathsf{Y}\mathsf{d}\mathsf{z}$ **Entries** 17941 Mean x 1.154 0.1 Mean y -0.001105 RMS x 79.56 RMS y 0.04038 0.05 25 20 0 15 -0.0510 5 -0.1**–200 –150 –100** 50 100 150 200 -50(mm)