Upstream, Data Reference dataUSref\_prerad\_XdYdz  $\mathsf{d}\mathsf{Y}\mathsf{d}\mathsf{z}$ **Entries** 23028 5.932 Mean x 0.1 Mean y -0.00114 RMS x 88.22 RMS y 0.041 0.05 16 14 12 0 10 8 -0.056 4 -0.1

-150 -100

50

100

150

200

X (mm)