Upstream, Reconstructed Simulation recMCUS_prerad_XdXdz dXdz **Entries** 1813 -31.15Mean x 0.1 Mean y 0.005812 RMS x 48.05 RMS y 0.02771 0.05 0 5 -0.05-0.1**–200 –150 –100** 50 100 150 200 X (mm)