Upstream, Reconstructed Simulation recMCUS\_prerad\_YdXdz dXdz **Entries** 1813 2.347 Mean x 0.1 Mean y 0.005812 RMS x 47.97 RMS y 0.02771 0.05 0 5 -0.05-0.1**–200 –150 –100** 50 150 200 100 (mm)