

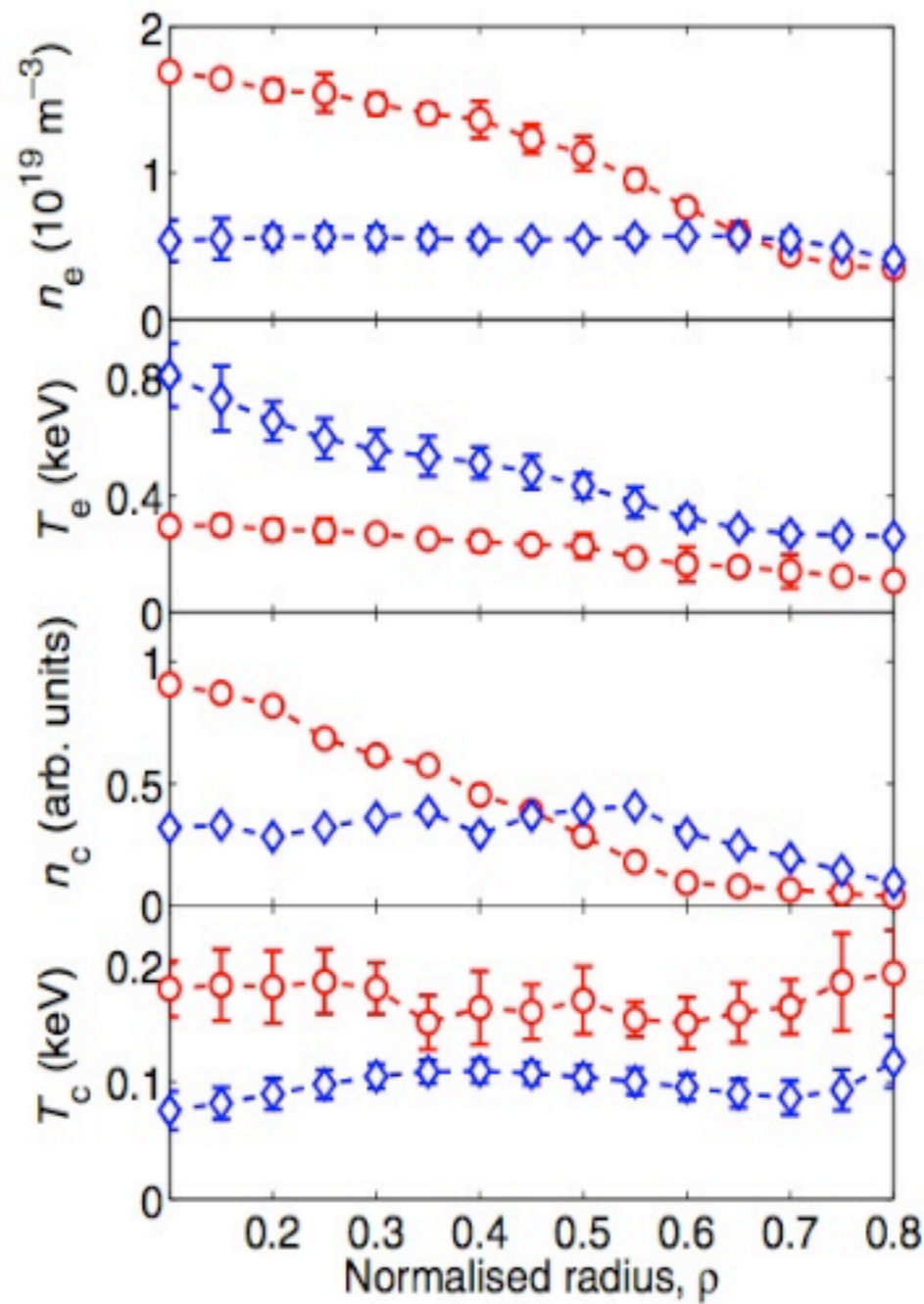


Figure 5. Profiles of n_e , T_e , n_c and T_c (from top to bottom) for the ECRH scenario, shot #25801 (blue diamonds); and the NBI case, discharge #28263 (red circles).

Shot number : 25801

Purpose : Measurement of flows with CXRS in ECH plasmas

Diagnostics : ne, Te profiles : Thomson scattering

Ti, Er and parallel flow profiles : CXRS

Simulations : DKES

Source : J. Arévalo et al., "Incompressibility of impurity flows in low density TJ-II plasmas and comparison with neoclassical theory" Nucl. Fusion (2013)

Shot number : 28263

Purpose : Measurement of flows with CXRS in NBI plasmas

Diagnostics : ne, Te profiles : Thomson scattering

Ti, Er and parallel flow profiles : CXRS

Simulations : DKES

Source : J. Arévalo et al., "Incompressibility of impurity flows in low density TJ-II plasmas and comparison with neoclassical theory" Nucl. Fusion (2013)

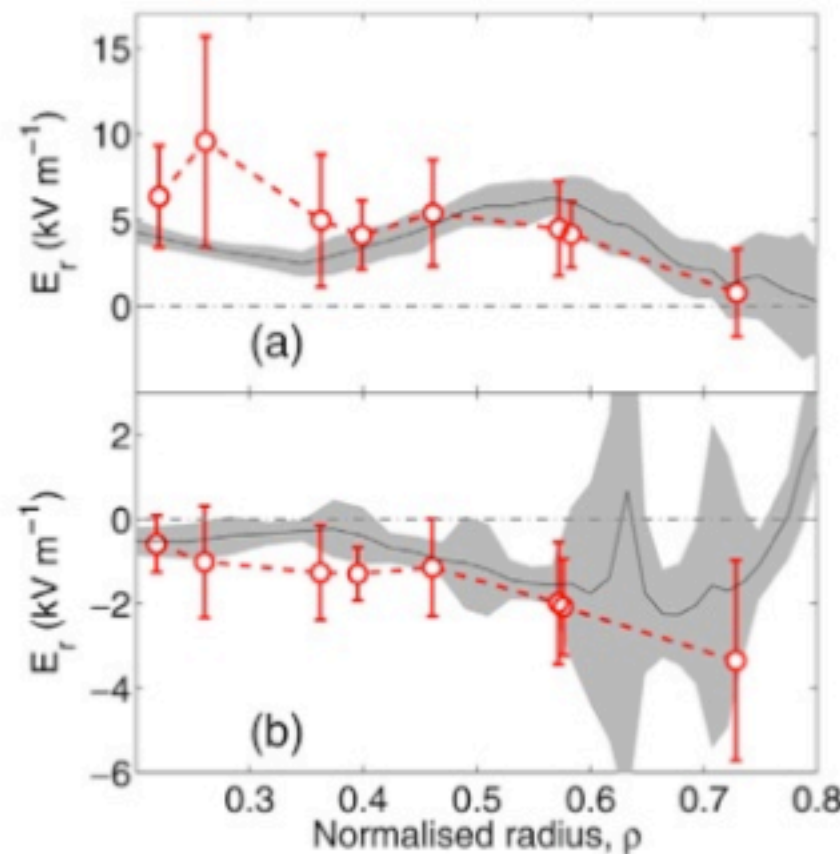


Figure 8. Comparison of NC (grey shading) and measured (red circles) E_r , for the (a) ECRH discharge, #25801 and (b) NBI plasma, #28263.

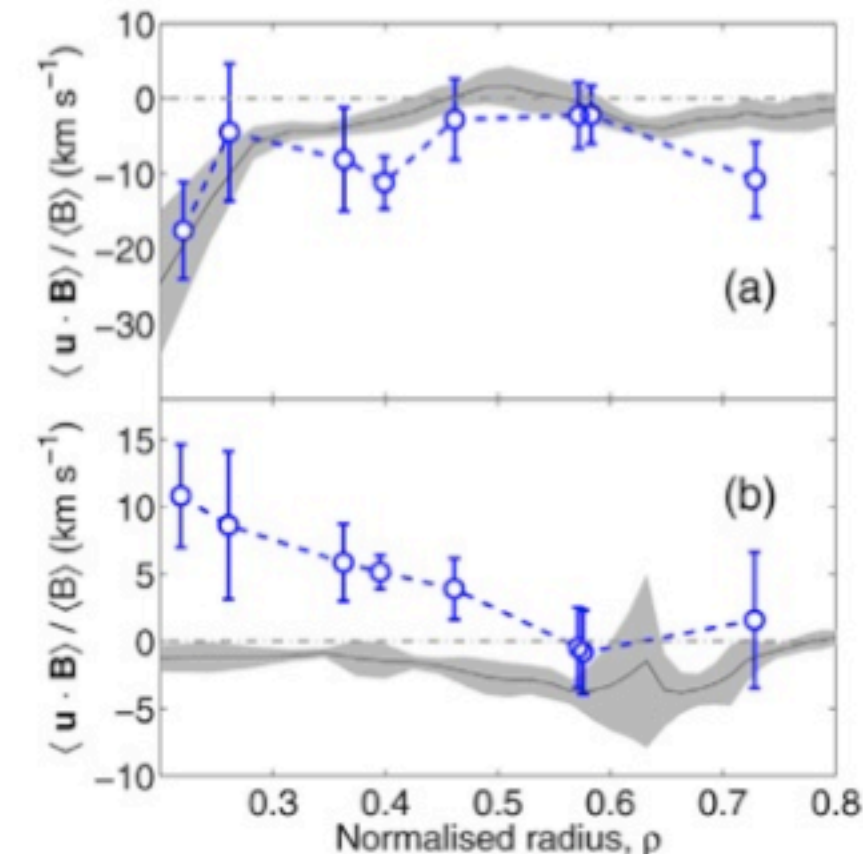


Figure 9. Comparison of NC and measured parallel flow, U_b , for the (a) ECRH discharge, #25801 and (b) NBI plasma, #28263.