Dependence of Divertor Baffle Heating During QH Mode in DIII-D,* C.J. Lasnier, LLNL, W.P. West, K.H. Burrell, J.S. deGrassie, GA, E.J. Doyle, UCLA, J.G. Watkins, SNL – We found previously that the upper outer baffle of DIII-D was receiving an amount of heat comparable to the outer strike point during QH mode in upper-single-null discharges [1]. Here we investigate the dependence of this heat flux on variations in plasma current, distance between the separatrix and outer wall or floor, up-down magnetic balance in double-null, injected neutral beam power, and ratio of more tangential to less-tangential beams. We use these results to test the hypothesis that the baffle heating is due to ions on large banana orbits.


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