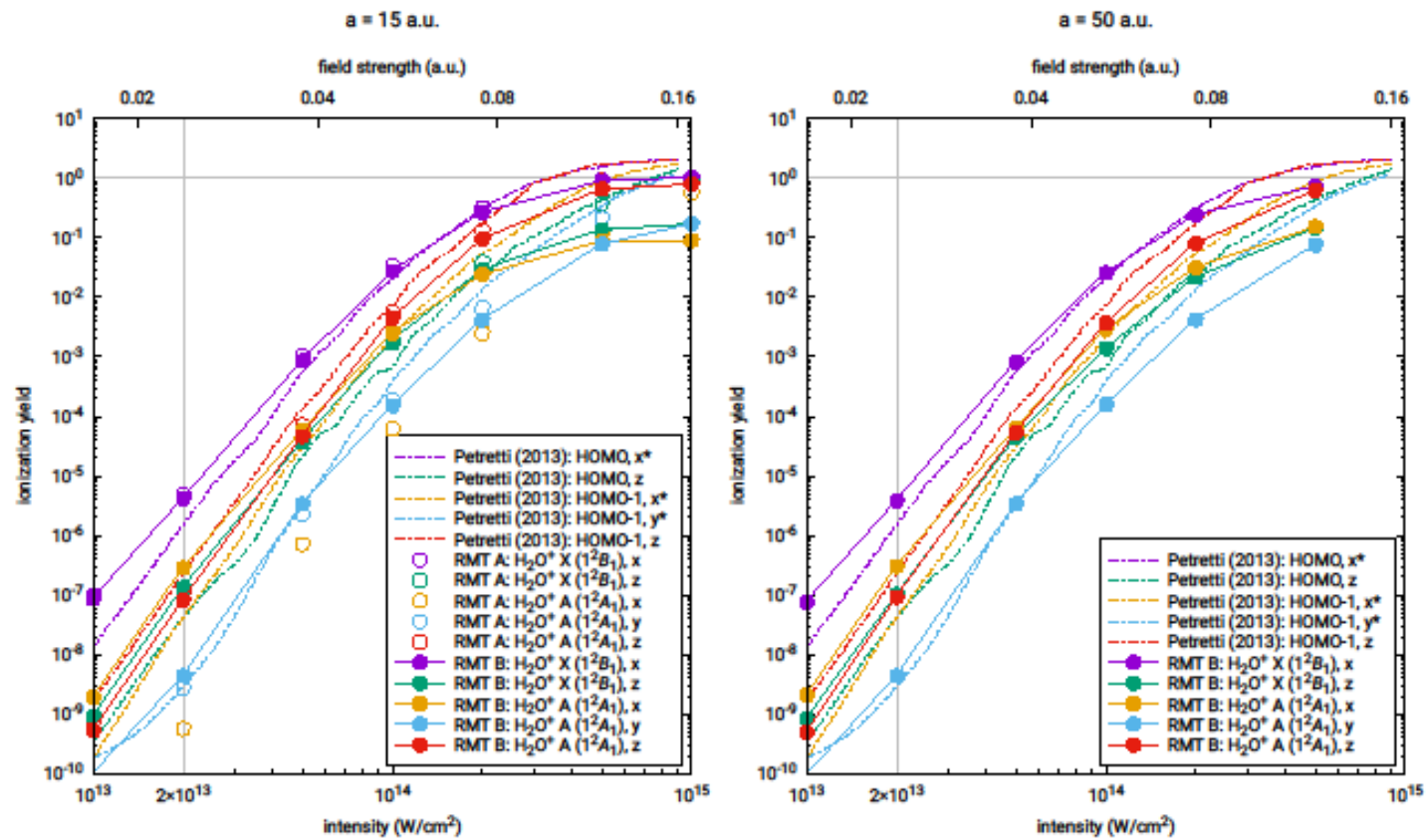
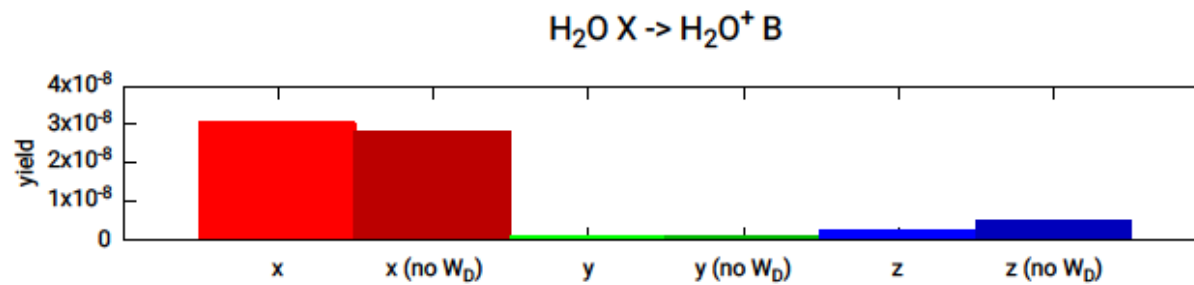
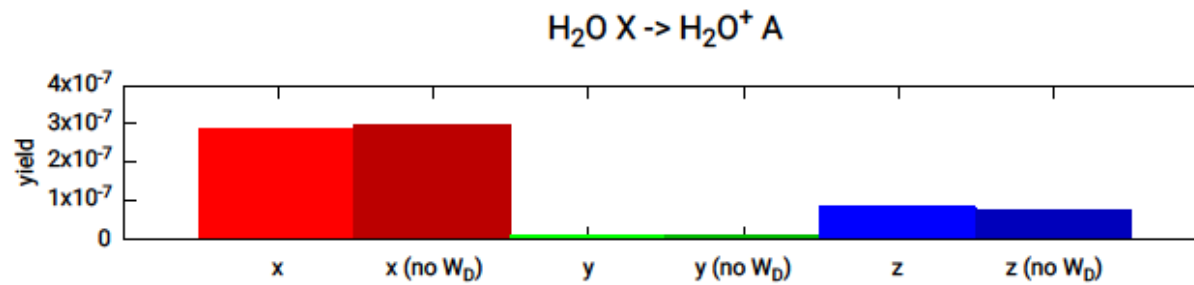
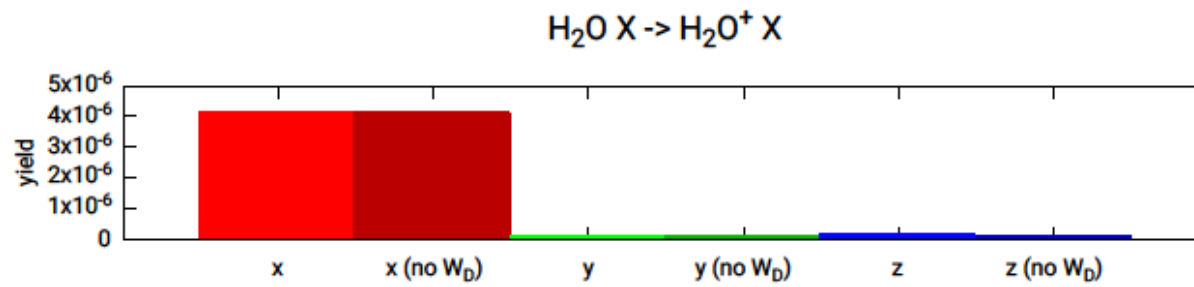


Comparison of the state-dependent ionization yields determined from calculations with different combinations of the R-matrix radius and B-spline basis sets: the ticks on the horizontal axis stand for: polarization (x,y,z), R-matrix radius in a_0 /number of B-splines in the basis.



Field-strength dependence of the ionization yields for polarizations parallel to the coordinate axes calculated for two different sizes of the inner region (R-matrix radii of 15 and 50 a_0)



Comparison of the state-dependent ionization yields for different polarizations parallel to the coordinate axes (indicated in the x-axis) with and without the inclusion in the calculations of the coupling which corresponds to laser-induced transitions in the residual ion (W^D)