

Interactive comment on “Parameterisation and impact of aerosol uptake of HO₂ on a global tropospheric model” by H. L. Macintyre and M. J. Evans

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I have two short points to make which hopefully the authors will take on board:

1. p 16313, line 7 - 'gamma spans several orders of magnitude ($< 0.05 - 1$). This rather vaguely indicates the uncertainty is a factor of > 20 . It would be more useful at such an early point of the paper to put a range which includes the lowest reported value to back up the 'several orders'.

2. p 16317, line 1 - 'calculated using the equation of Schwartz (1986)' - which equation? Is there not a more recent, accessible (I haven't been able to obtain a copy of the Schwartz chapter) reference that could be given here? For such an important

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calculation, surely it would be better to include the equation in the paper.

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