Interactive comment on “Short- and medium-term atmospheric effects of very large solar proton events” by C. H. Jackman et al.

c. waymark

waymark@atm.ox.ac.uk

Received and published: 14 September 2007

Overall I thought the paper was well written and very informative. Here are a few comments;

p.10554 line 10: Why is a chemical tracer used to calculate the edge of the polar vortex instead of the mean zonal winds and how are the CO profiles obtained?

Fig.8 and Fig.9: How do the MIPAS retrievals compare to the WACCM3 model for a non SPE case?