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Atmospheric Chemistry and Physics Discussions

Interactive comment on "Energetic particle induced inter-annual variability of ozone inside the Antarctic polar vortex observed in satellite data" *by* T. Fytterer et al.

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We thank the referee for the useful hints to improve the paper. The technical comments will be included as suggested. The specific comment will be considered (page 31263, after line 27) as followed: "The suggested NO2-CLONO2 mechanism is supported by Whole Atmosphere Community Climate Model results reported by Jackman et al. (2009, their Fig. 6 and 7), who simulated the impact of the SPE in July 2000 on stratospheric O3 and NOy (= NOx + NO3 + N2O5 + HNO3 + HO2NO2 + ClONO2 + BrONO2)."

Interactive comment on Atmos. Chem. Phys. Discuss., 14, 31249, 2014.