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Erratum

Erratum to "Southern ozone variations induced by solar particle events during 15 January–5 February 2005" [Journal of Atmospheric and Solar-Terrestrial Physics 68 (2006) 2042–2052]

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In the paper "Southern ozone variations induced by solar particle events during 15 January–5 February 2005" by Damiani et al. [Journal of Atmospheric and Solar-Terrestrial Physics 68 (2006) 2042–2052] Figs. 4 and 6 were erroneously reported, because they do not reproduce the ozone variability normalized to the average level indicated in the text. Here enclosed the right figures with their captions. It follows that:

- at p. 2048 (Section 4) we should read "At 60 (55, 49.5) km, we found an O_3 decrease of about 33% (20%, 15%) at 18.35 (20.10) UT,…" instead of about 50% (25%, 20%) at 18.35 (20.10) UT,…
- at p. 2049 (Section 4) we should read "The evaluation of the O_3 depletion between 64.5 and 38.5 km at 20.10 resulted to be ~1.90%" instead of ~2.25%.

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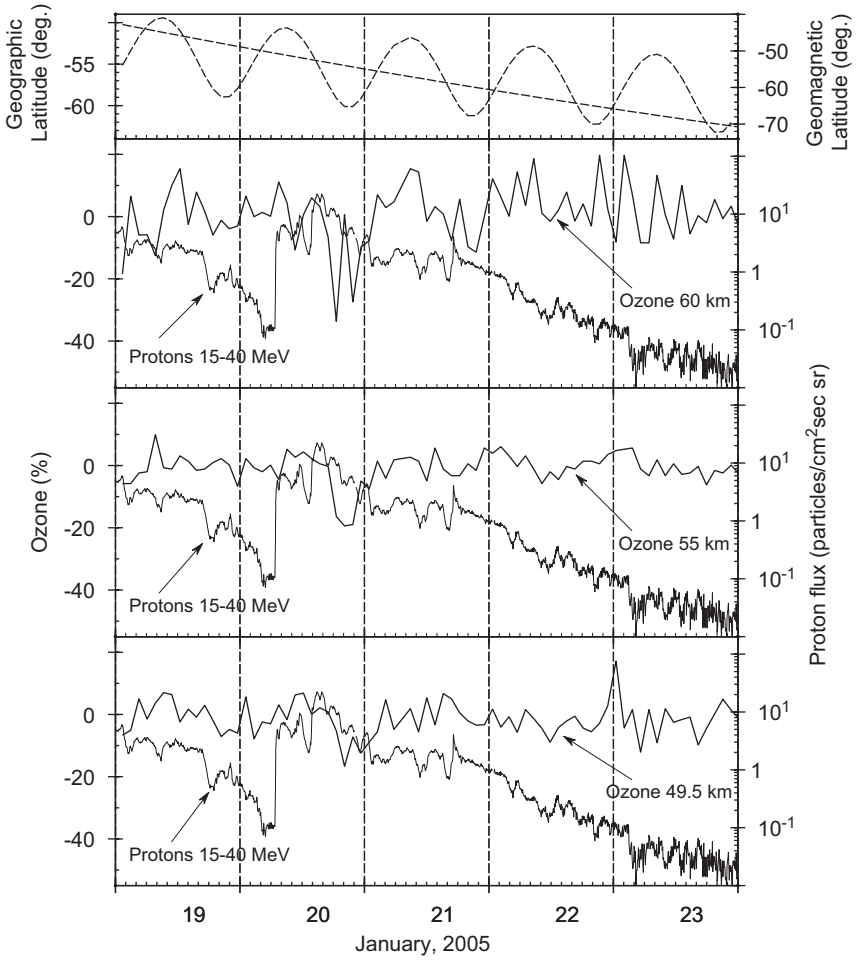

Fig. 4. SAGE II O_3 (% of the average between 19-01/01.21 UT and 20-01/17.00 UT) at altitudes of 60, 55 and 49.5 km (thick line) and the 15–40 MeV proton flux from GOES 10 (thin line). The SAGE II geographic (straight line) and geomagnetic (curve line) latitude is shown in the top panel.

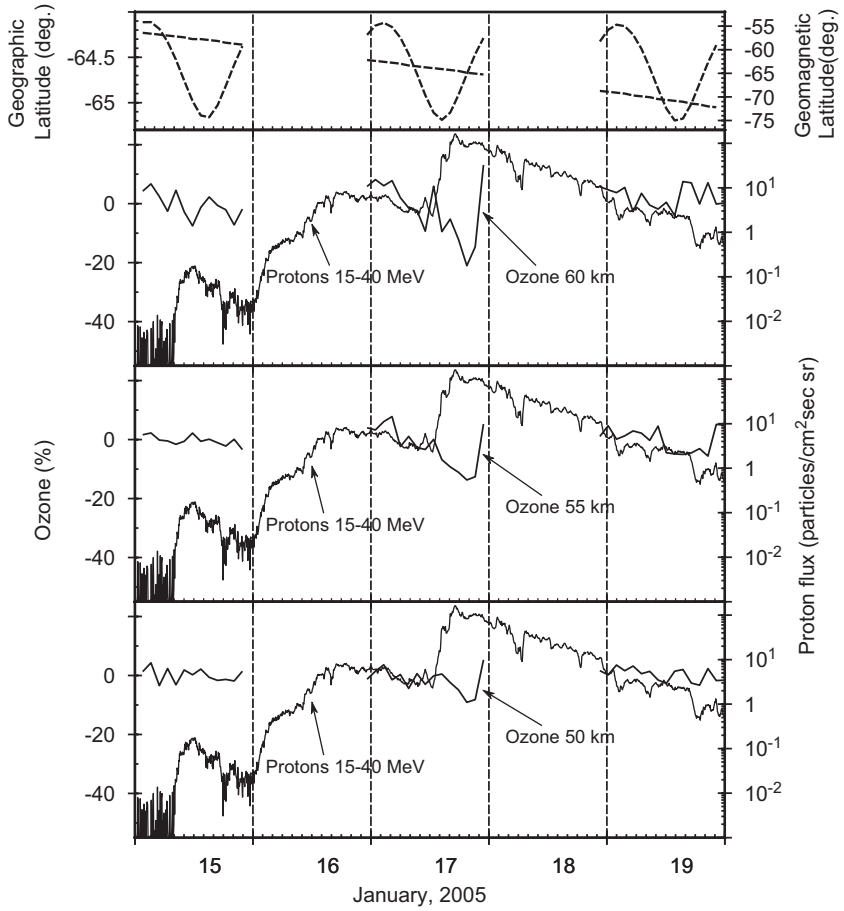

Fig. 6. POAM III O_3 (% of the 15-01 average) at altitudes of 60, 55 and 50 km (thick line) and the 15–40 MeV proton flux from GOES 10 (thin line). The POAM III geographic (straight line) and geomagnetic (curve line) latitude is shown in the top panel.