Supporting Information for "A Combined effect of the Earth's magnetic dipole tilt and IMF B_y in controlling auroral electron precipitation"

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1. Figures S1 to S2

Introduction

This supporting information includes the total energy fluxes ($\mathrm{eV/cm^2s \cdot sr}$) and average energies (eV) for the southern hemisphere. Figures are in the same format as Figures 9-11 in the paper.

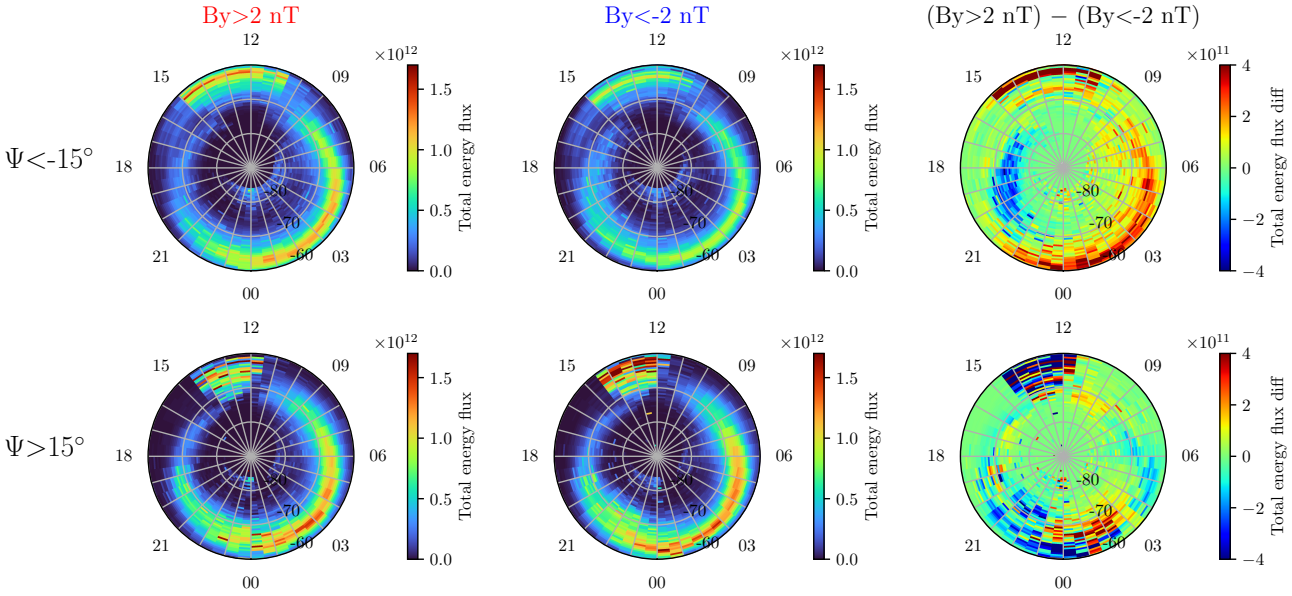

Figure S1. Total energy fluxes ($\mathrm{eV/cm^2 s \cdot sr}$) for the southern hemisphere. The first row are the total energies for for tilt angle $\Psi < -15°$ and the second row for tilt angle $\Psi > 15°$. First column shows the total energies for IMF $B_y > 2$ nT, second row for $B_y < -2$ nT, and the third row the difference of the two total energy flux maps.

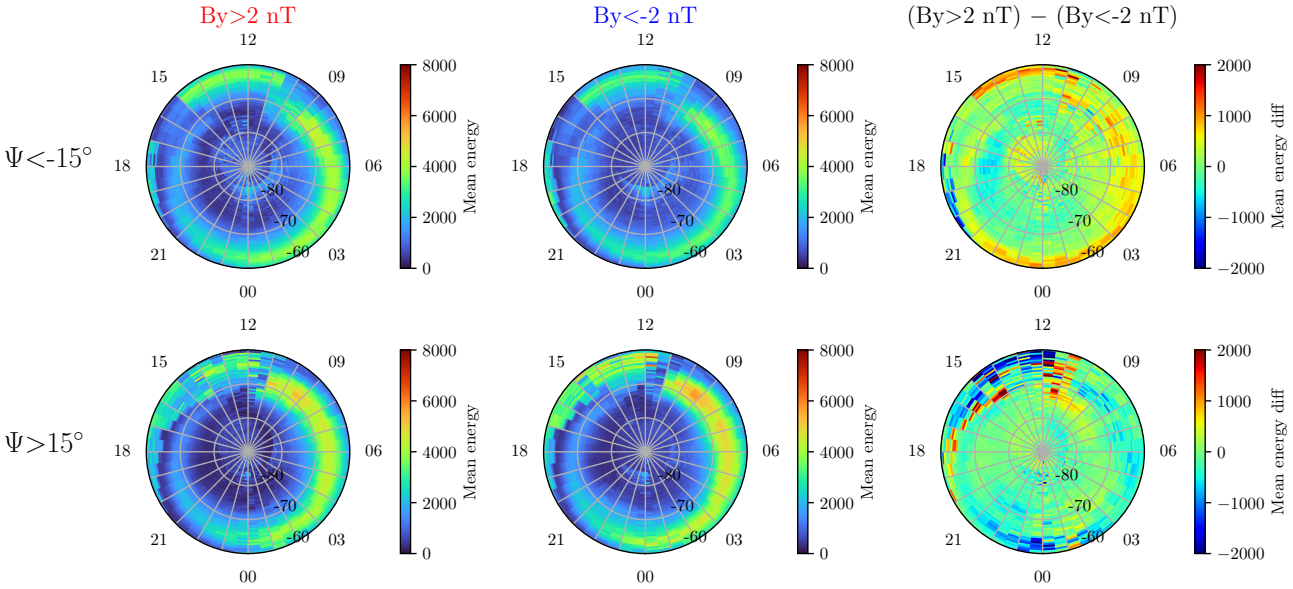

Figure S2. Average energies (eV) for the southern hemisphere, in a similar format as in Figure S1.