

Supporting Information for “Auroral Characteristics related to AU & AL Indices”

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1. Figures S1 shows the the location of equatorward boundary (EB) as a function of AL (AU) in the given AU (AL) bin of 100~150 nT (-150~-100 nT) in different MLT sectors.
2. Figures S2 shows the location of the poleward boundary (PB) as a function of AL (AU) in the given AU (AL) bin of 100~150 nT (-150~-100 nT) in different MLT sectors.
3. Figures S3 shows the brightness of the peak intensity (PI) as a function of AL (AU) in the given AU (AL) bin of 100~150 nT (-150~-100 nT) in different MLT sectors.

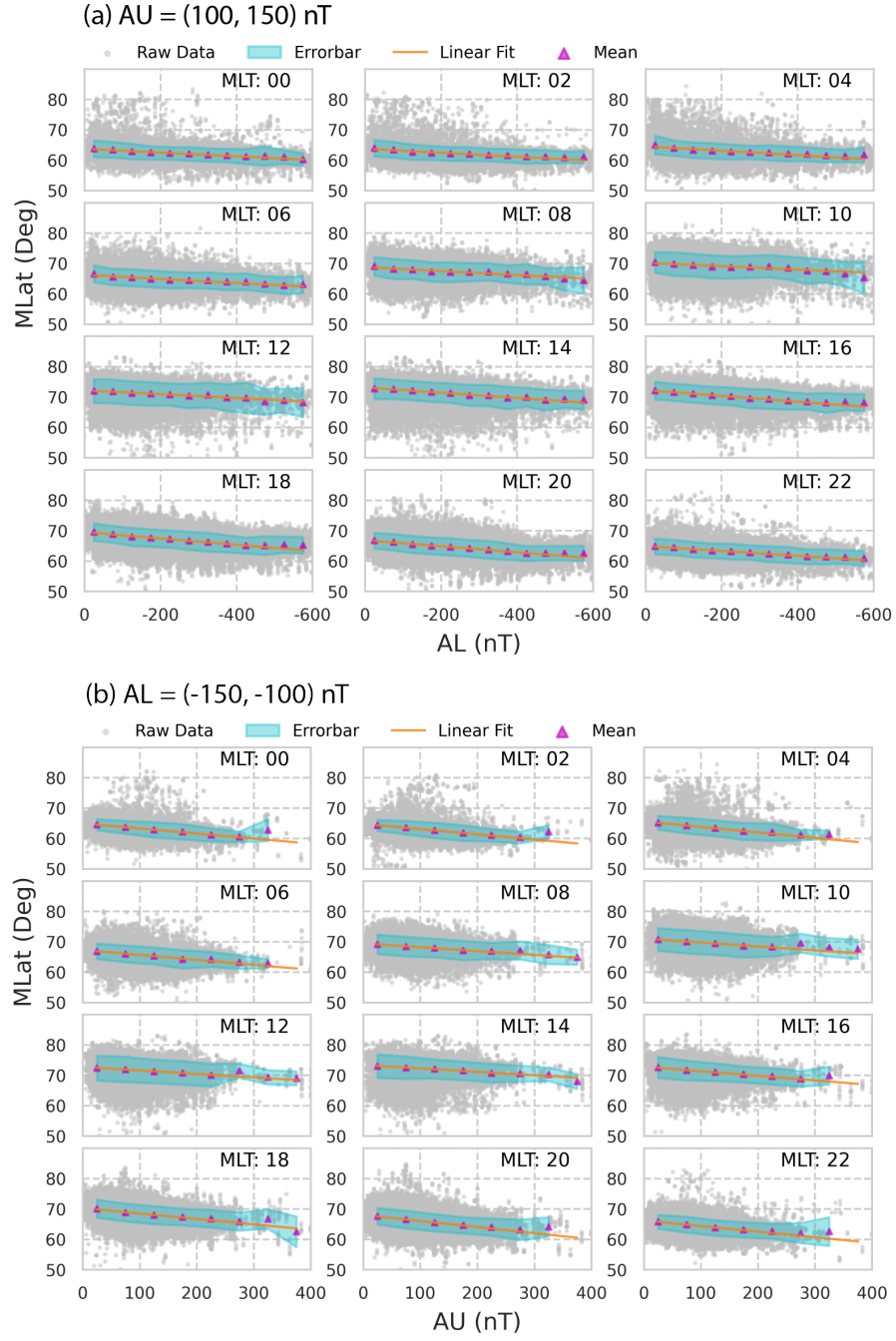


Figure S1. The location of EB as a function of AL in the given AU bin of 100~150 nT (a) and as a function of AU in the given AL bin of -150~-100 nT (b) in different MLT sectors.

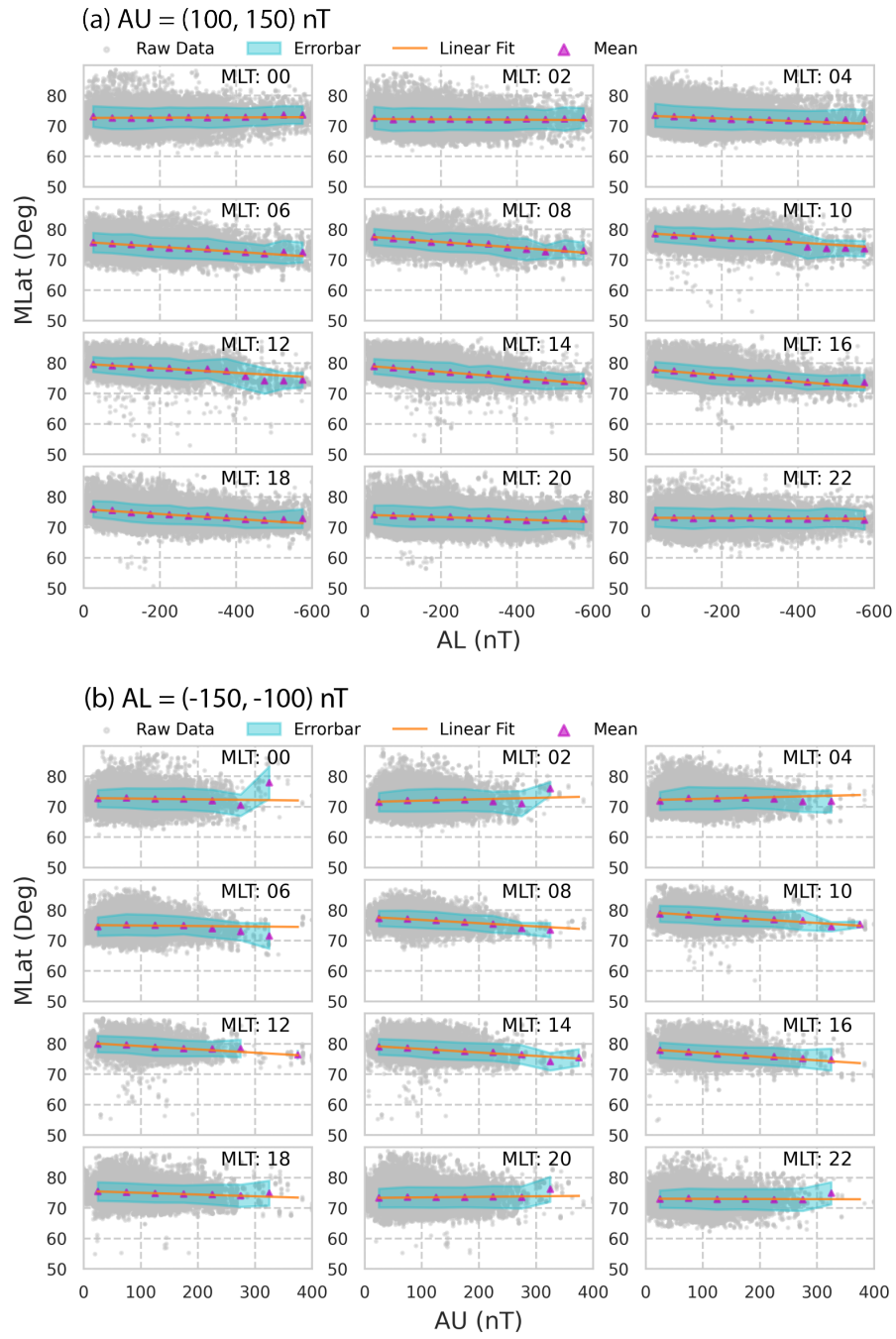


Figure S2. The location of PB as a function of AL in the given AU bin of 100~150 nT (a) and as a function of AU in the given AL bin of -150~-100 nT (b) in different MLT sectors.

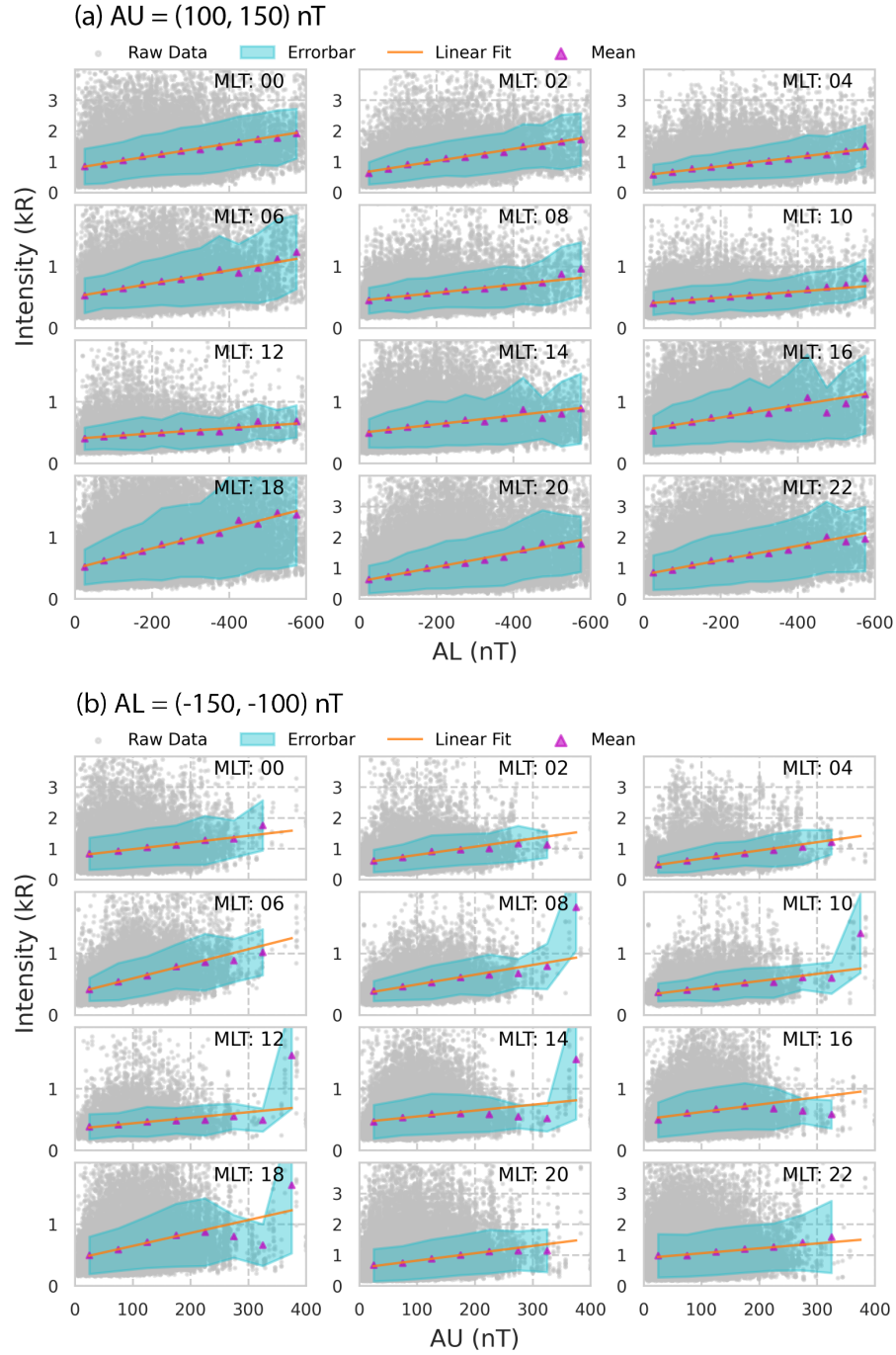


Figure S3. The brightness of PI as a function of AL in the given AU bin of 100~150 nT (a) and as a function of AU in the given AL bin of -150~-100 nT (b) in different MLT sectors.