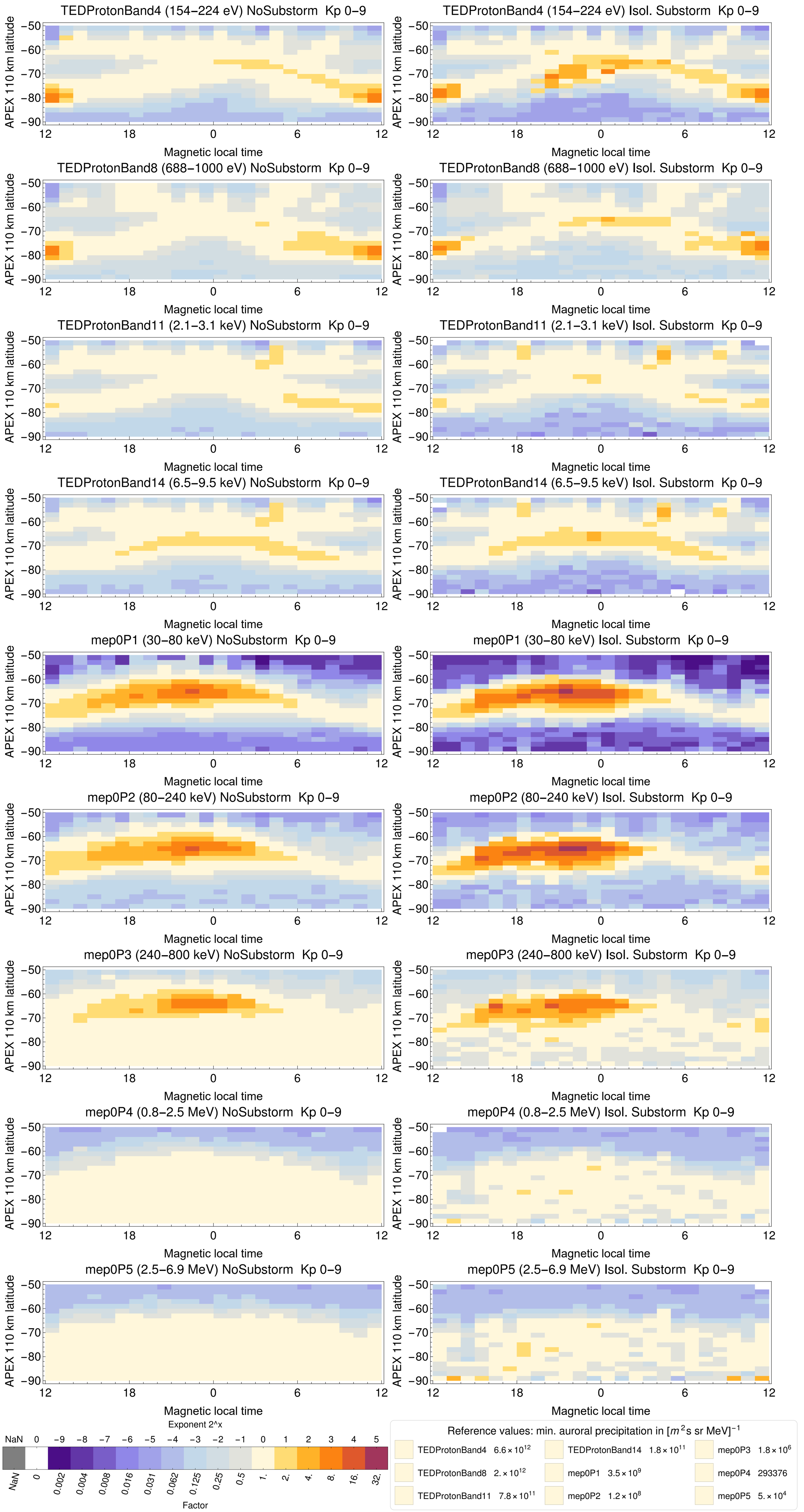
TEDProtonBand4 (154–224 eV) NoSubstorm Kp 0–9
TEDProtonBand4 (154–224 eV) Isol. Substorm Kp 0–9
TEDProtonBand8 (688–1000 eV) NoSubstorm Kp 0–9
TEDProtonBand8 (688–1000 eV) Isol. Substorm Kp 0–9
TEDProtonBand11 (2.1–3.1 keV) NoSubstorm Kp 0–9
TEDProtonBand11 (2.1–3.1 keV) Isol. Substorm Kp 0–9
TEDProtonBand14 (6.5–9.5 keV) NoSubstorm Kp 0–9
TEDProtonBand14 (6.5–9.5 keV) Isol. Substorm Kp 0–9
mep0P1 (30–80 keV) NoSubstorm Kp 0–9
mep0P1 (30–80 keV) Isol. Substorm Kp 0–9
mep0P2 (80–240 keV) NoSubstorm Kp 0–9
mep0P2 (80–240 keV) Isol. Substorm Kp 0–9
mep0P3 (240–800 keV) NoSubstorm Kp 0–9
mep0P3 (240–800 keV) Isol. Substorm Kp 0–9
mep0P4 (0.8–2.5 MeV) NoSubstorm Kp 0–9
mep0P4 (0.8–2.5 MeV) Isol. Substorm Kp 0–9
mep0P5 (2.5–6.9 MeV) NoSubstorm Kp 0–9
mep0P5 (2.5–6.9 MeV) Isol. Substorm Kp 0–9
APEX 110 km latitude
Magnetic local time
Exponent 2^x
Factor
Reference values: min. auroral precipitation in [m^2s sr MeV]$^{-1}$
TEDProtonBand4 6.6×10^{12}
TEDProtonBand8 $2.\times10^{12}$
TEDProtonBand11 7.8×10^{11}
TEDProtonBand14 1.8×10^{11}
mep0P1 3.5×10^{9}
mep0P2 1.2×10^{8}
mep0P3 1.8×10^{6}
mep0P4 293376
mep0P5 $5.\times10^{4}$