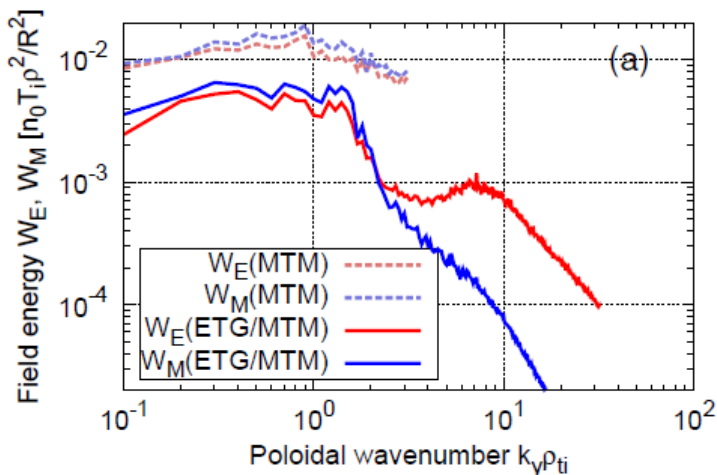


TH/P2-1 Gyrokinetic analysis of the effects of electron-scale turbulence on ion-scale micro-instabilities

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- ETG turb. enhances ITG turb. via damping short-wave-length zonal flows caused by kinetic electron response.
 - ETG turb. suppresses MTM turb. via distorting localized current sheet.
- They have impacts on transport analysis at core (ETG/ITG) and pedestal (ETG/MTM), and emphasize the importance of intermediate-scale structures for cross-scale interactions.

Suppression of MTM by ETG



Cross-scale interaction via intermediate-scale structures

