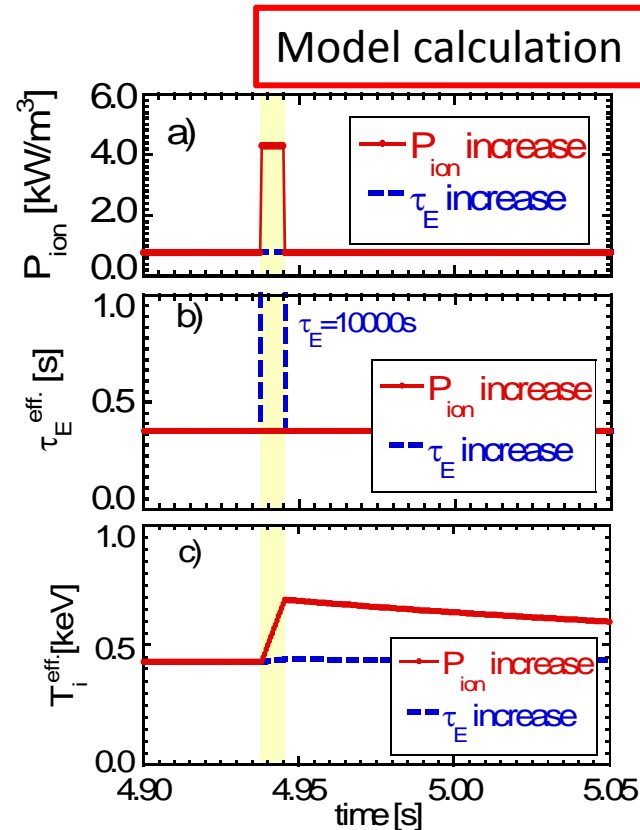
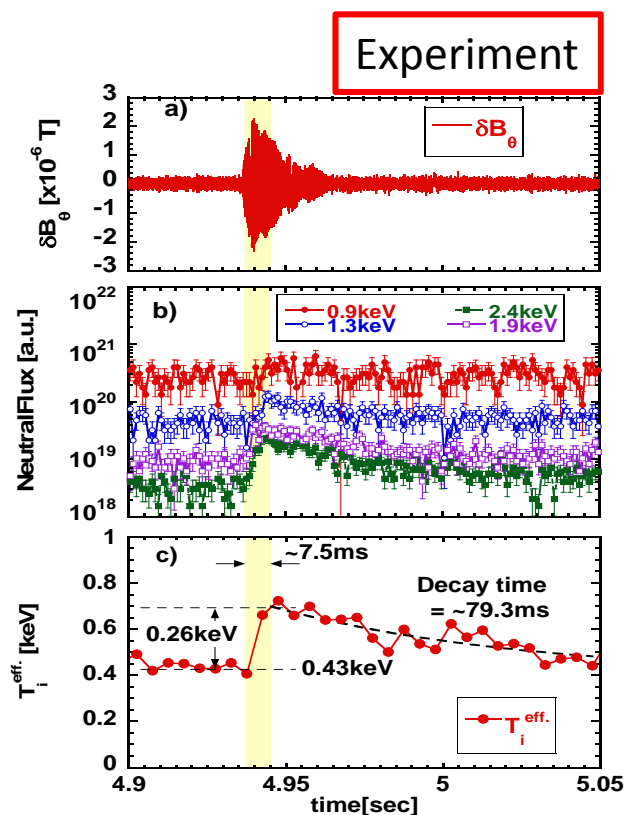




Increase of ion temperatures was observed with EGAM activity at very low density plasmas on LHD



Four mechanism, (i) Orbit topology change, (ii) Deformation of EP spectra, (iii) Confinement improvements, and (iv) Enhancement of ion-heating are examined as candidates.

=> **Enhancement of ion-heating** was the most probable mechanism.