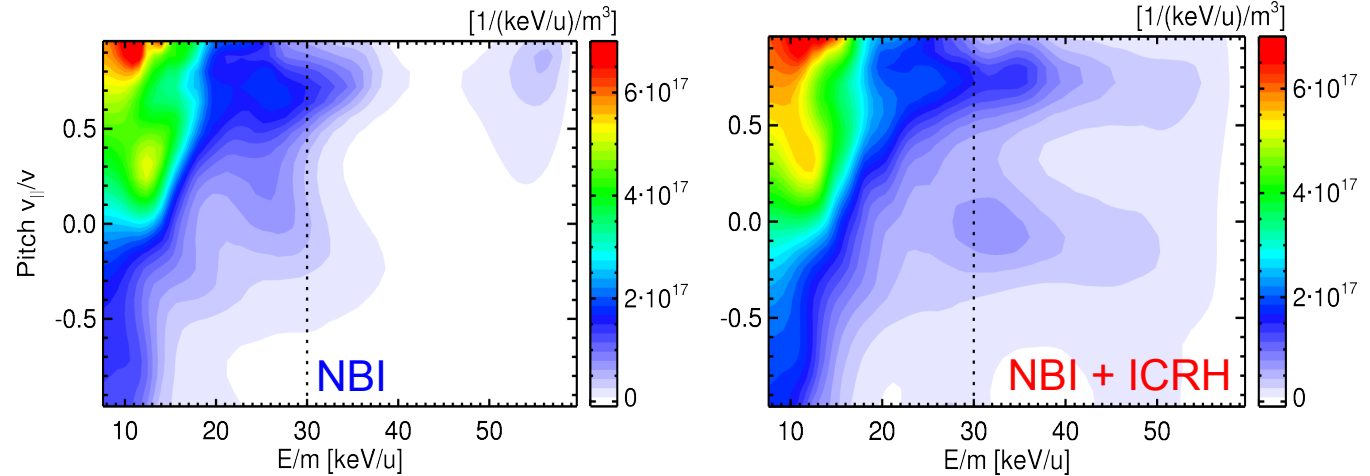


Acceleration of D beam ions by second harmonic ICRH:

Reconstructed velocity-space distribution in the plasma center:



→ Effect of ICRH is clearly seen: Significant high energy tails at pitches 0.7 and -0.1

Velocity-space dependence of sawtooth-induced fast-ion redistribution:

Relative change of fast-ion velocity space density before/after a sawtooth crash:

→ Ions with high v_{\parallel}/v are stronger redistributed than ions with $v_{\parallel}/v \approx 0$

