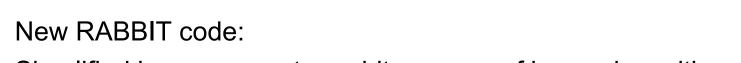


- ~20 ms per time-step, ~1000x faster than NUBEAM but still good agreement
- used as input for transport and equilibrium codes, or for direct comparison with experimental data (e.g. neutrons)

- M. Weiland et al.: Real-time simulation of the NBI fast-ion distribution
- Simplified beam geometry, orbit average of beam deposition, analytic solution of Fokker-Planck equation





[1/keV/cm^{3*}

RABBIT

 $\rho = 0.04, T_{o} = 2.83 \text{ keV}$

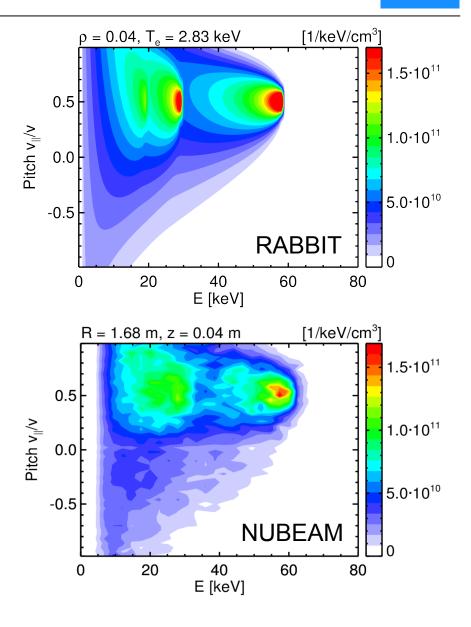
0.5

0.0

-0.5

Pitch v_{II}/v





contour plot including colorbar axis label