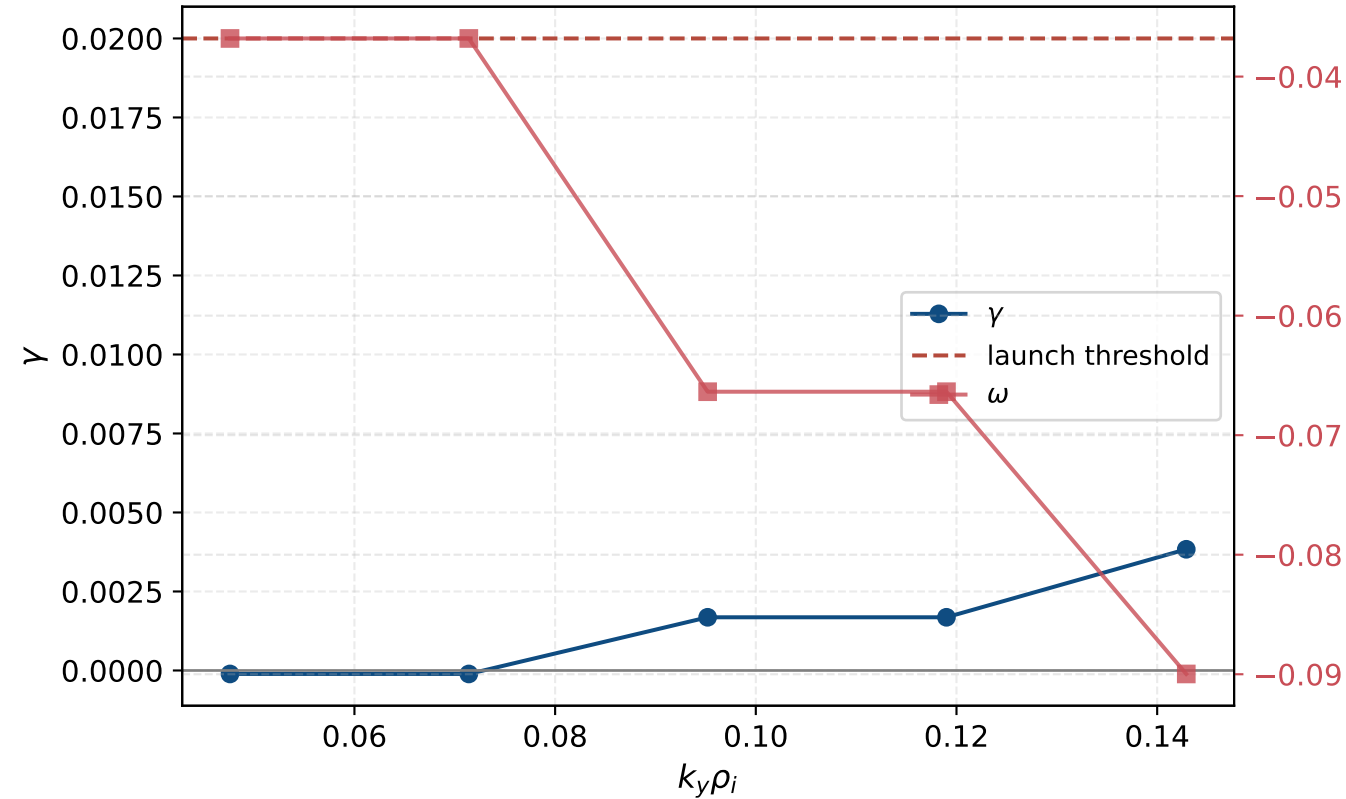


# QI seed branch-refinement gate

QI seed linear branch



Status: BLOCKED

max gamma: 0.003835

at  $k_y$ : 0.1429

launch threshold: 0.02

positive run length: 3

Subgates:

- finite rows: True
- positive run: True
- launch growth: False
- Krylov consistency: True
- |delta gamma|=0.000251

Claim boundary:

linear branch refinement only;  
no nonlinear transport validation.