

BENCHMARKS BETWEEN GALACLIC AND TRACKING CODE (SBSC) ON 3 CASES

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- ◆ Still work in progress...
- ◆ Parameters used with PLD distribution

$$f_r \tau_b = 1) \infty; 2) \mathbf{2.7}; 3) \mathbf{1.0}$$

$$f_0 = 43350.8 \text{ Hz}$$

$$B_0 = f_0 \tau_b = 1.17 \cdot 10^{-4}$$

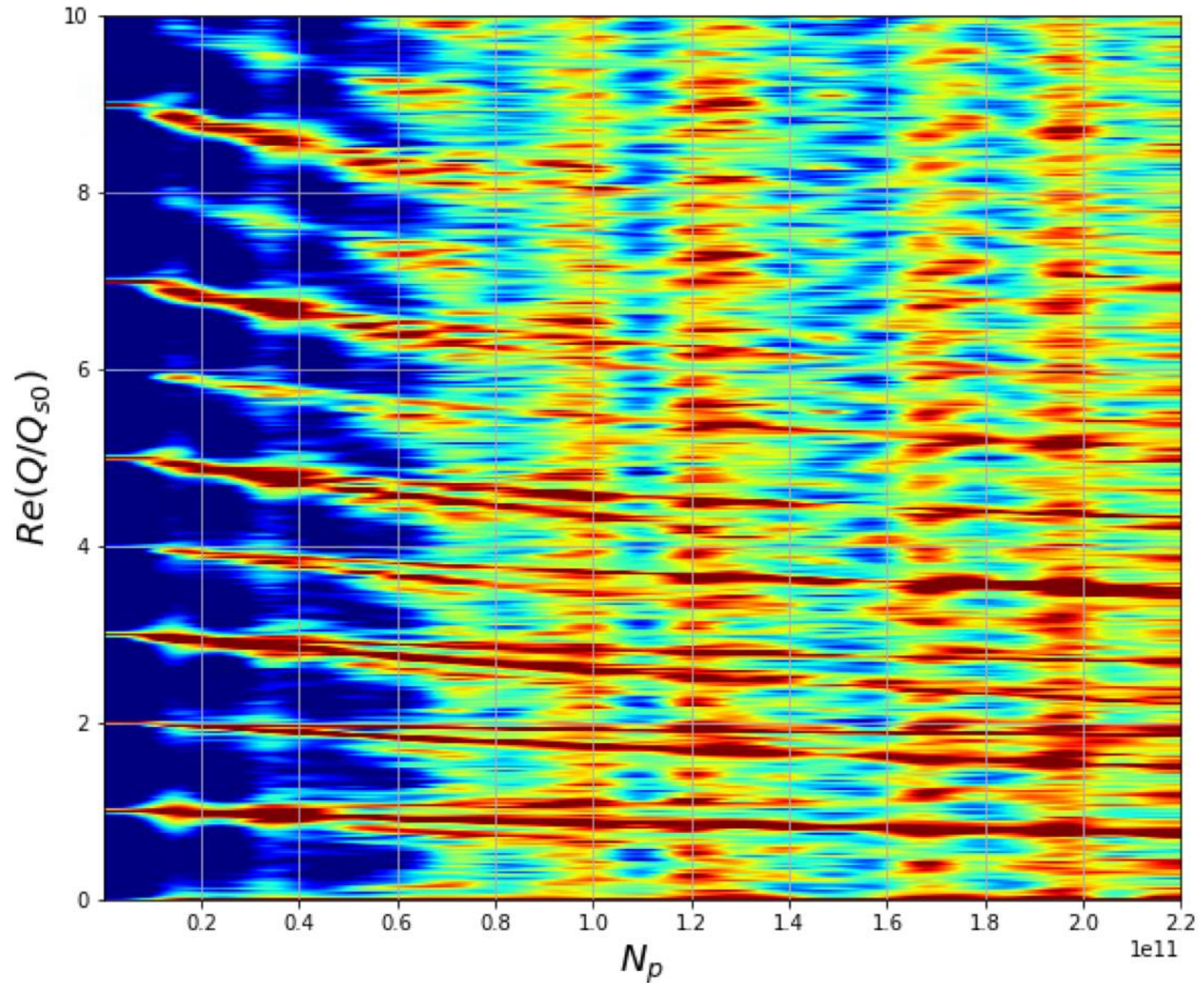
$$\left[\frac{Z_l}{p} \right]_{p=0} = 8.67 \Omega$$

$$V_{RF} = 6 \text{ MV}$$

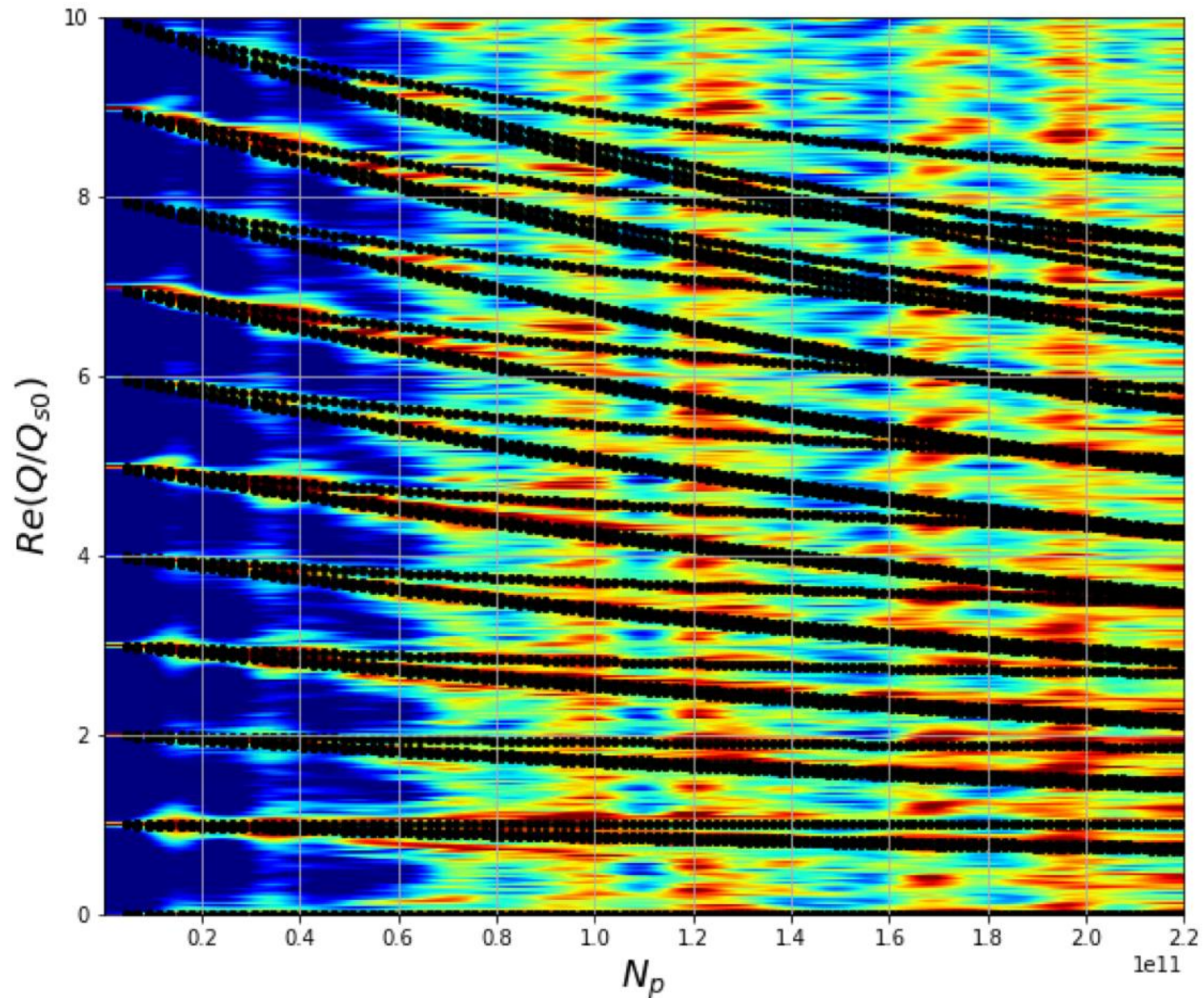
$$\omega_{s0} = 889 \text{ rad/s}$$

$$h = 462$$

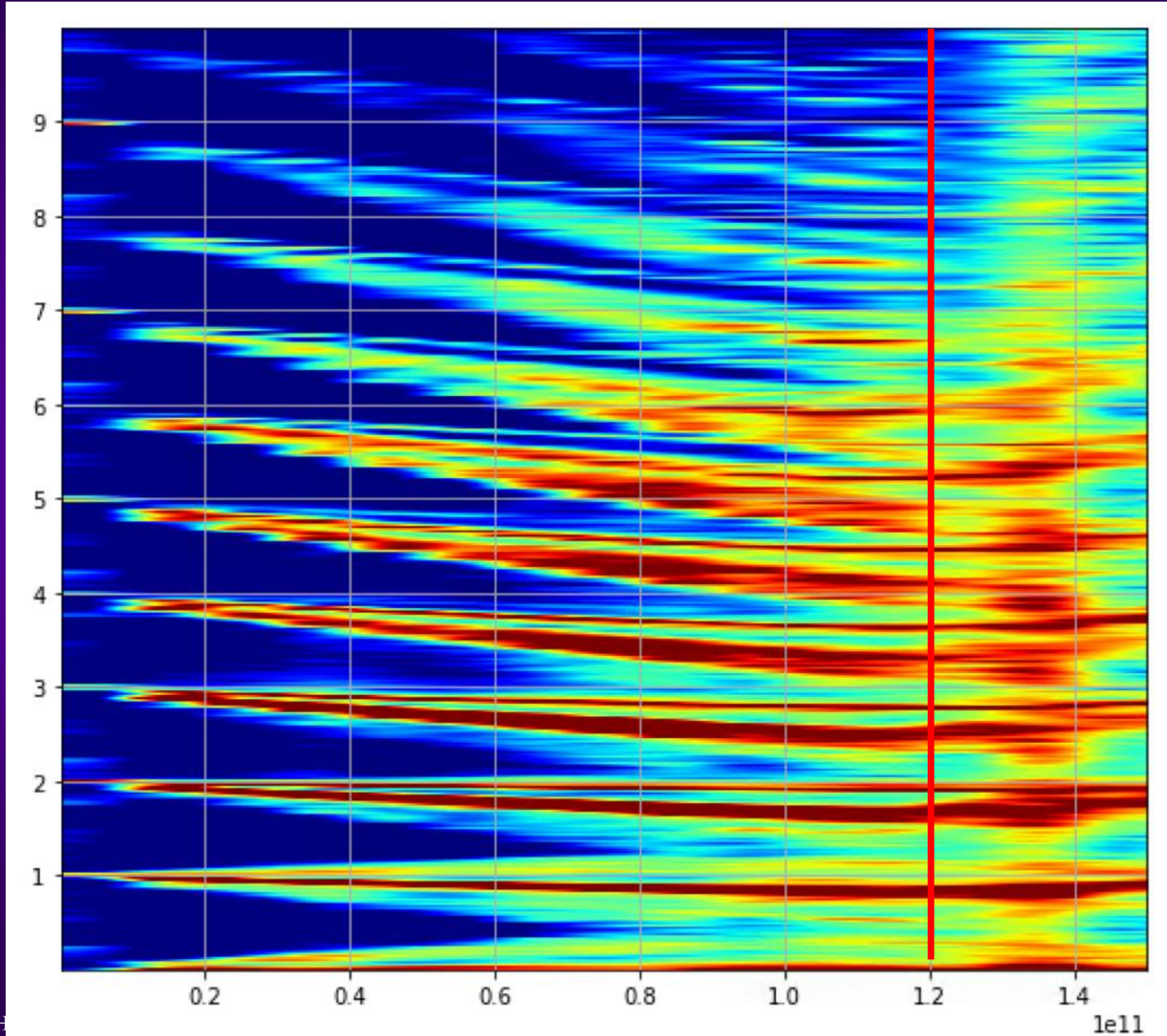
GALACLIC with Const. Ind. Imped (PLD) vs. PLD tracking sim.



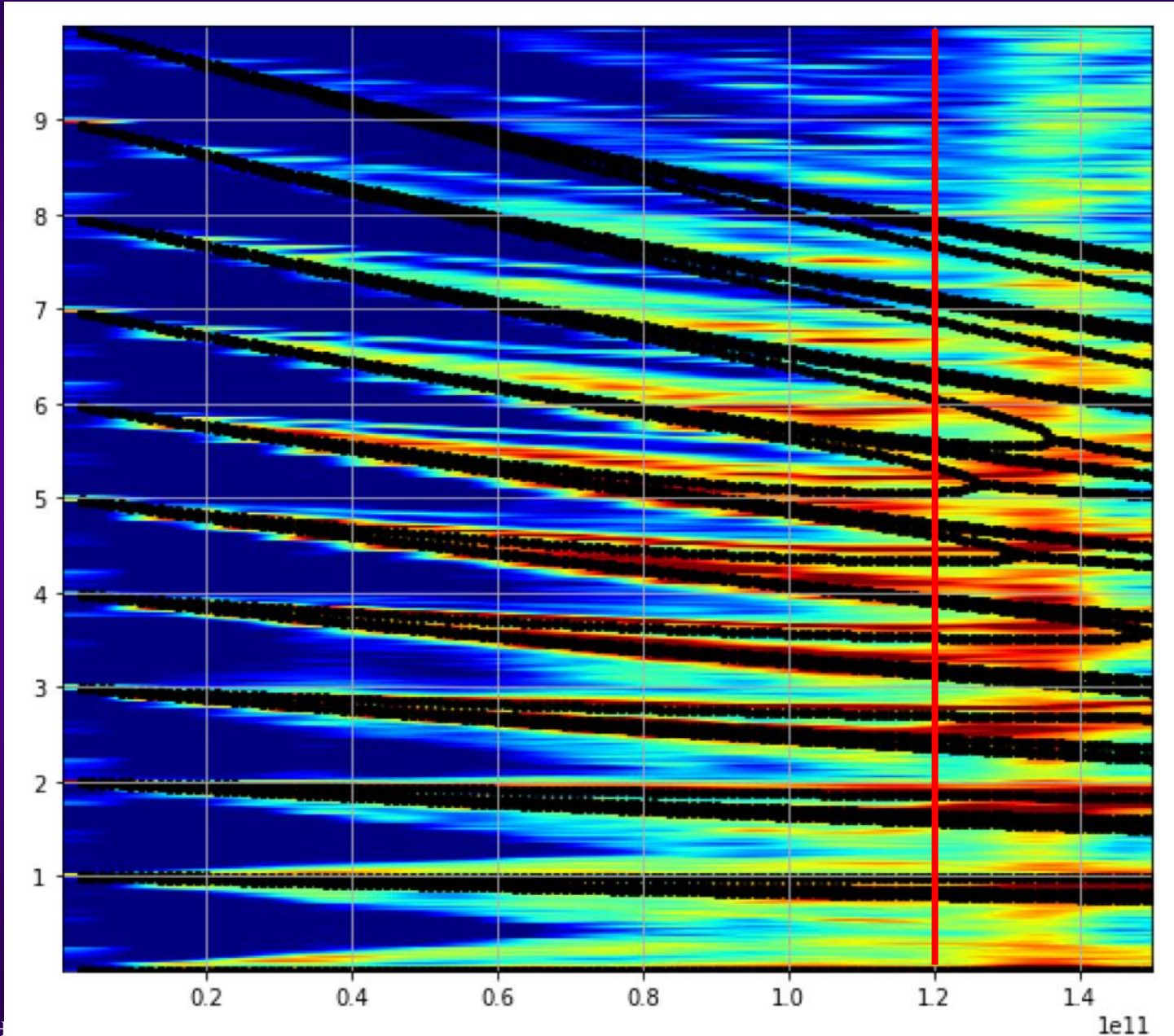
GALACLIC with Const. Ind. Imped (PLD) vs. PLD tracking sim.



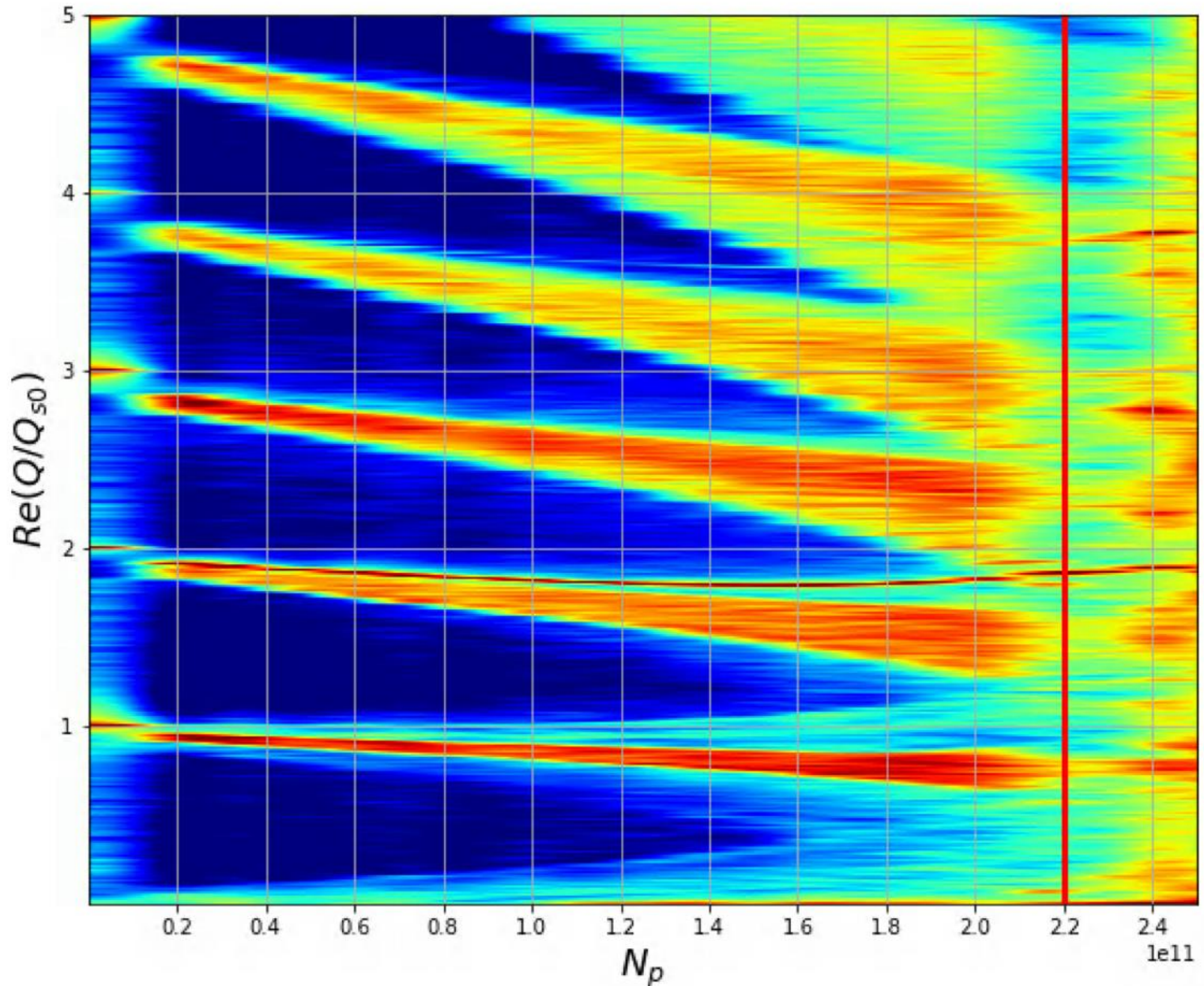
GALACLIC with $f_r \tau_b = 2.7$ (PLD) vs. PLD tracking sim.



GALACLIC with $f_r \tau_b = 2.7$ (PLD) vs. PLD tracking sim.



GALACLIC with $f_r \tau_b = 1.0$ (PLD) vs. PLD tracking sim.



GALACLIC with $f_r \tau_b = 1.0$ (PLD) vs. PLD tracking sim.

