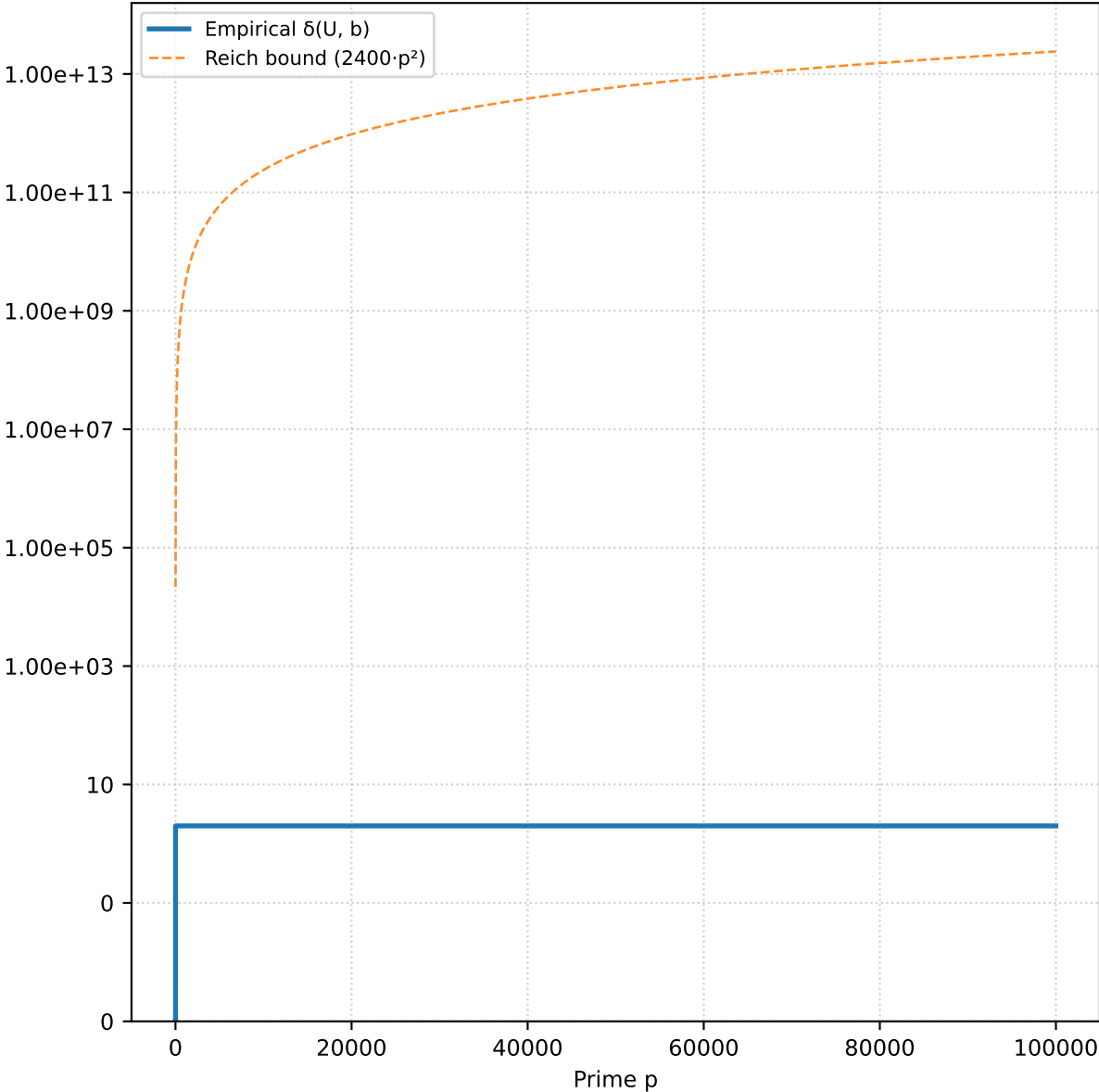


UNIVERSE PROFILE: $U_n(2, -5)$ — Discriminant $D = 24$

Field: $\mathbb{Q}(\sqrt{24})$ | Tested primes: 3 .. 99991
Staircase valuations and Reich bound (single axis, log scale)



Statistical Summary

Total primes tested : 9,591

Standard primes ($v=1$): 9585

WSS candidates ($v \geq 2$): 4

Exact zeros (periodic primes): 0

Max observed valuation : 2

p-adic depth (max_k): 5

Theoretical safety margin (log10): 13

ANOMALY LOG — primes with $v_p(U_n) \geq 2$

- 11 $v=2$
- 163 $v=2$
- 37 $v=2$
- 4219 $v=2$

Note: primes tested up to 99991. Reich bound plotted on same axis (log scale).