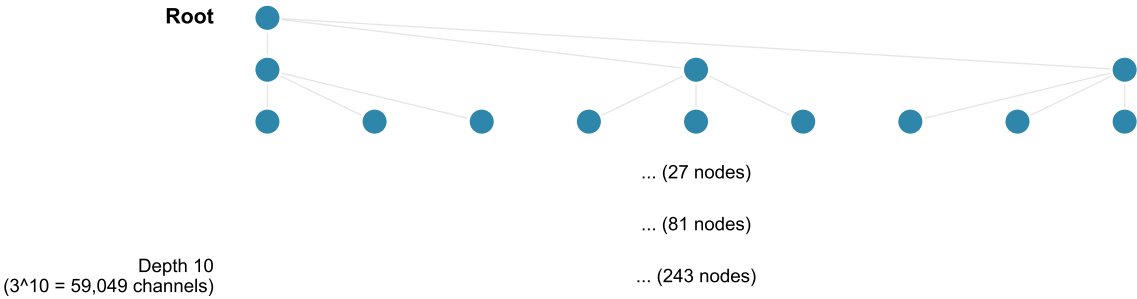
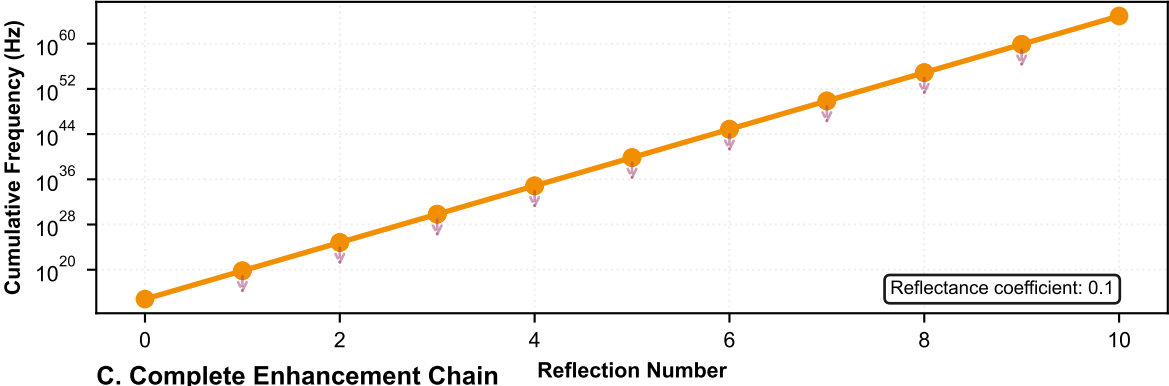


Cascade Mechanism: Hardware → Network → BMD → Reflectance

A. BMD Hierarchical Decomposition



B. Reflectance Cascade with Feedback



C. Complete Enhancement Chain

Complete Enhancement Chain

Step 1: Hardware Oscillators → Network

Base oscillators:	13
Harmonic expansion:	1,950
Network enhancement:	5.94e+04×

Step 2: Network → BMD Decomposition

BMD depth:	10
Parallel channels:	59,049
BMD enhancement:	5.90e+04×

Step 3: BMD → Reflectance Cascade

Number of reflections:	10
Reflectance coefficient:	0.1
Reflectance enhancement:	1.00e+02×

Total Enhancement

Network × BMD × Reflectance = 3.51e+11×

Final Result

Base frequency:	6.38e+14 Hz
Final frequency:	7.93e+64 Hz
Time precision:	2.01e-66 s
Orders below Planck:	22.43