Retrieval Latency vs. Database Size

Legend:
- Flat Scan (brute-force)
- Aeon Atlas (FP32)
- Aeon Atlas (INT8)

Y-axis: Query Latency (ms)
X-axis: Database Size (number of nodes)

Data labels:
- Flat Scan: 0.5 ms (10K), 5.9 ms (100K), 70 ms (1M)
- Aeon Atlas (FP32): 10.5 µs (1M)
- Aeon Atlas (INT8): 7.82 µs (10K), 30.8 µs (100K)

Annotation: >6,500× speedup