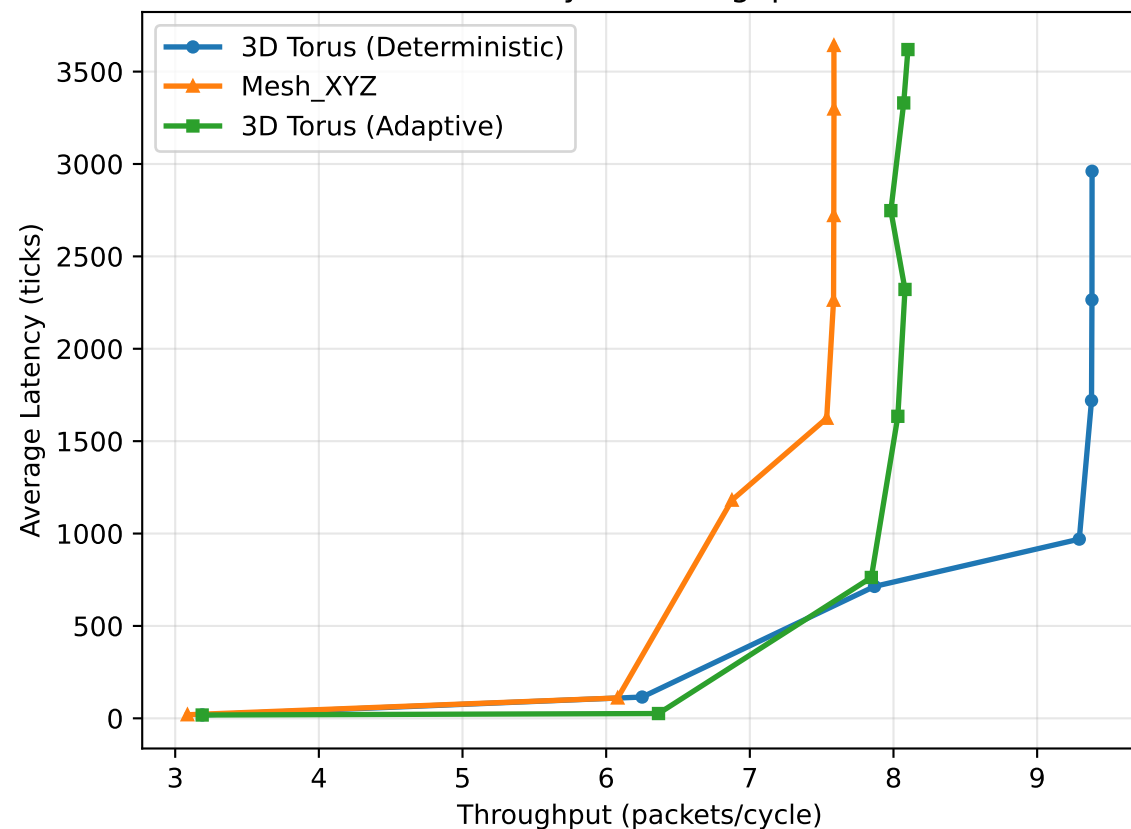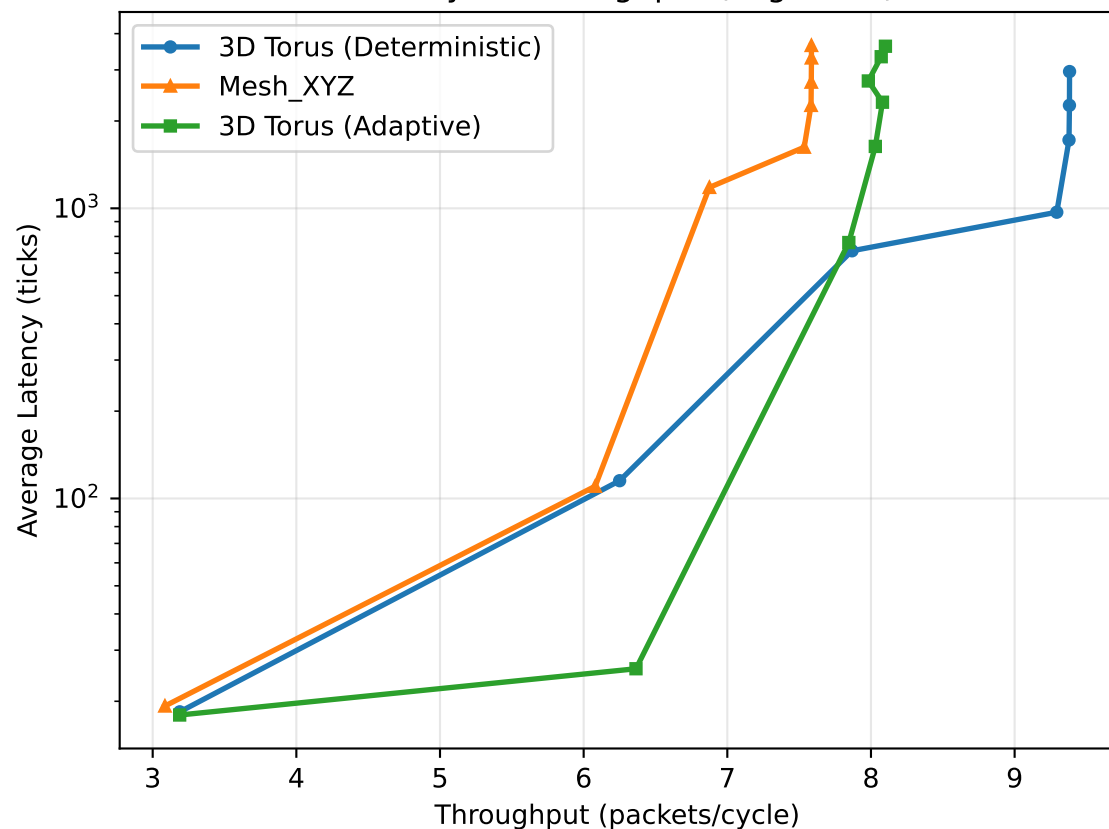**Performance Comparison: Shuffle**
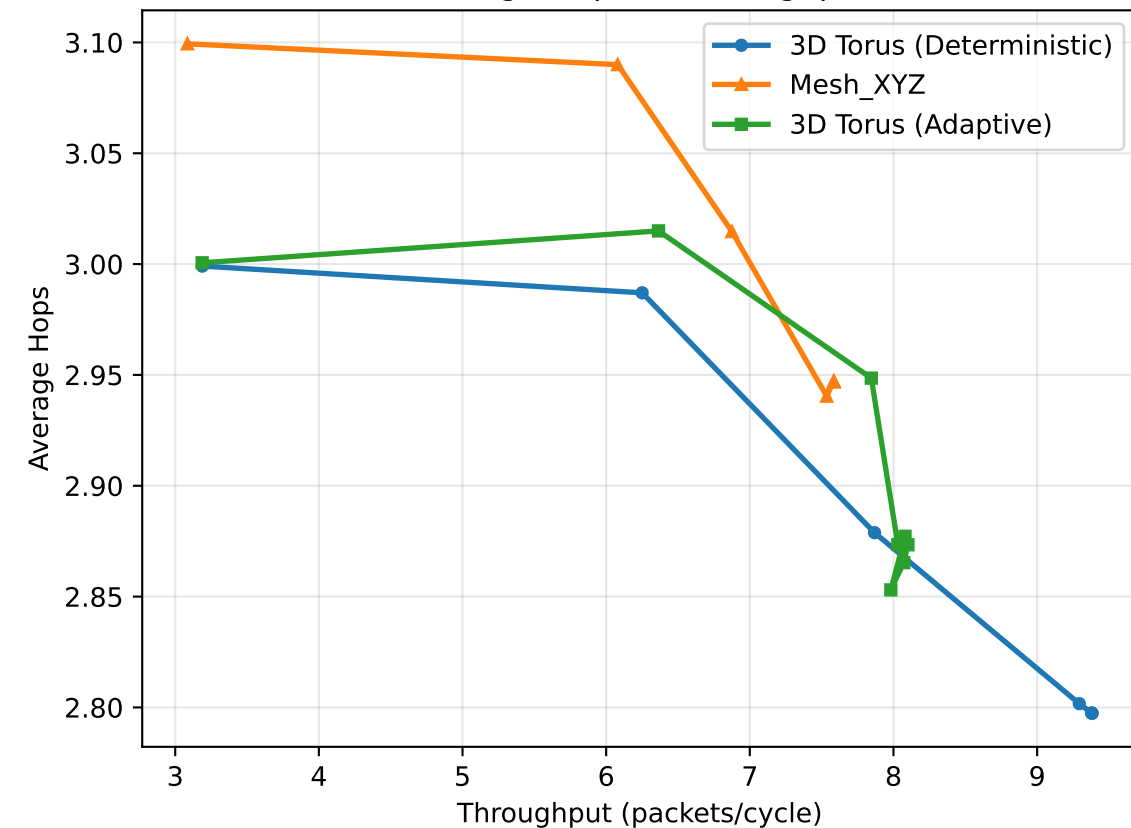**Deterministic 3D Torus vs Mesh_XYZ vs Adaptive 3D Torus**

Latency vs Throughput

Latency vs Throughput (Log Scale)

Average Hops vs Throughput

Throughput vs Injection Rate