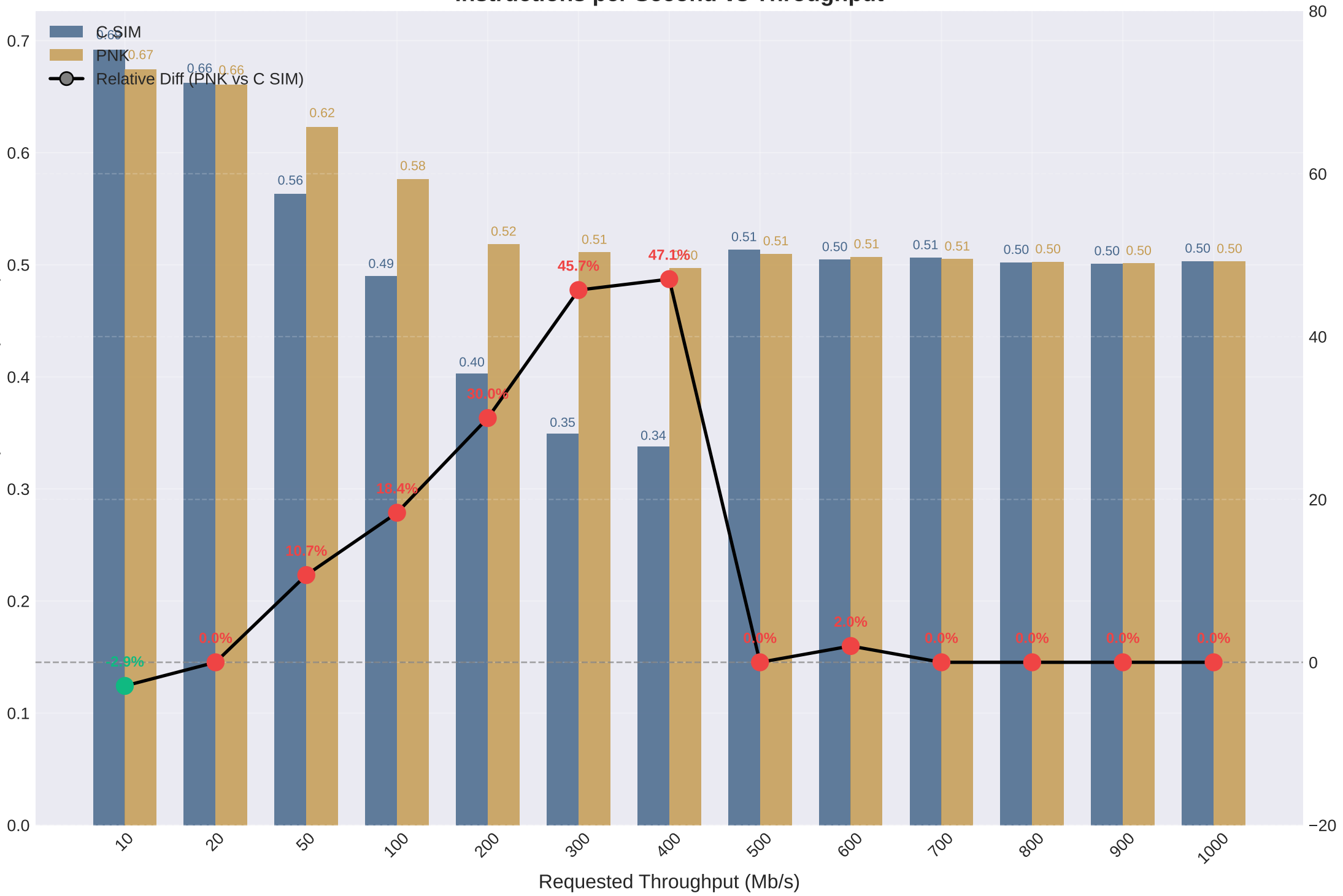


Instructions per Second vs Throughput

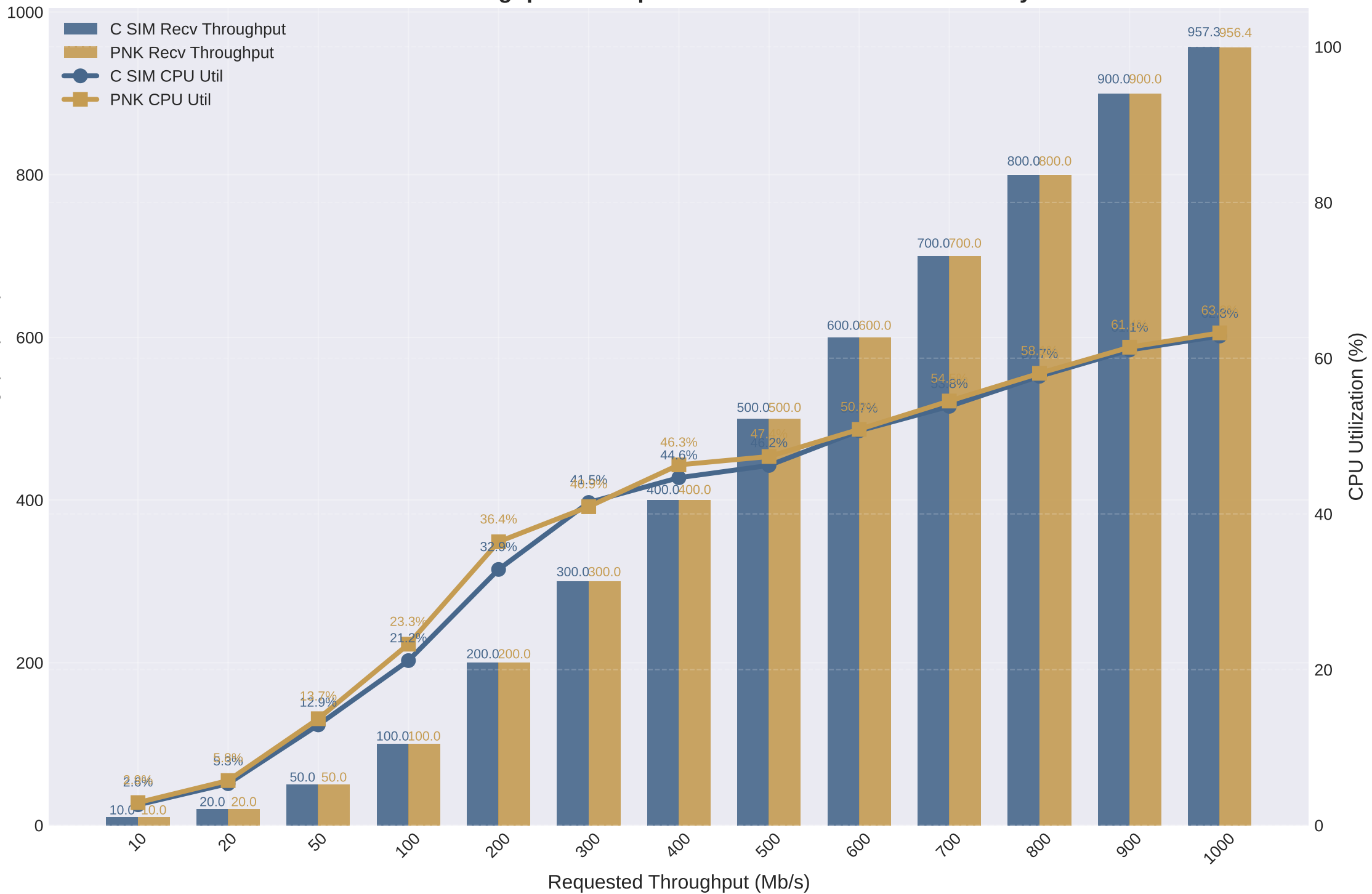
Instructions per Second (Billions)

Relative Difference (%)

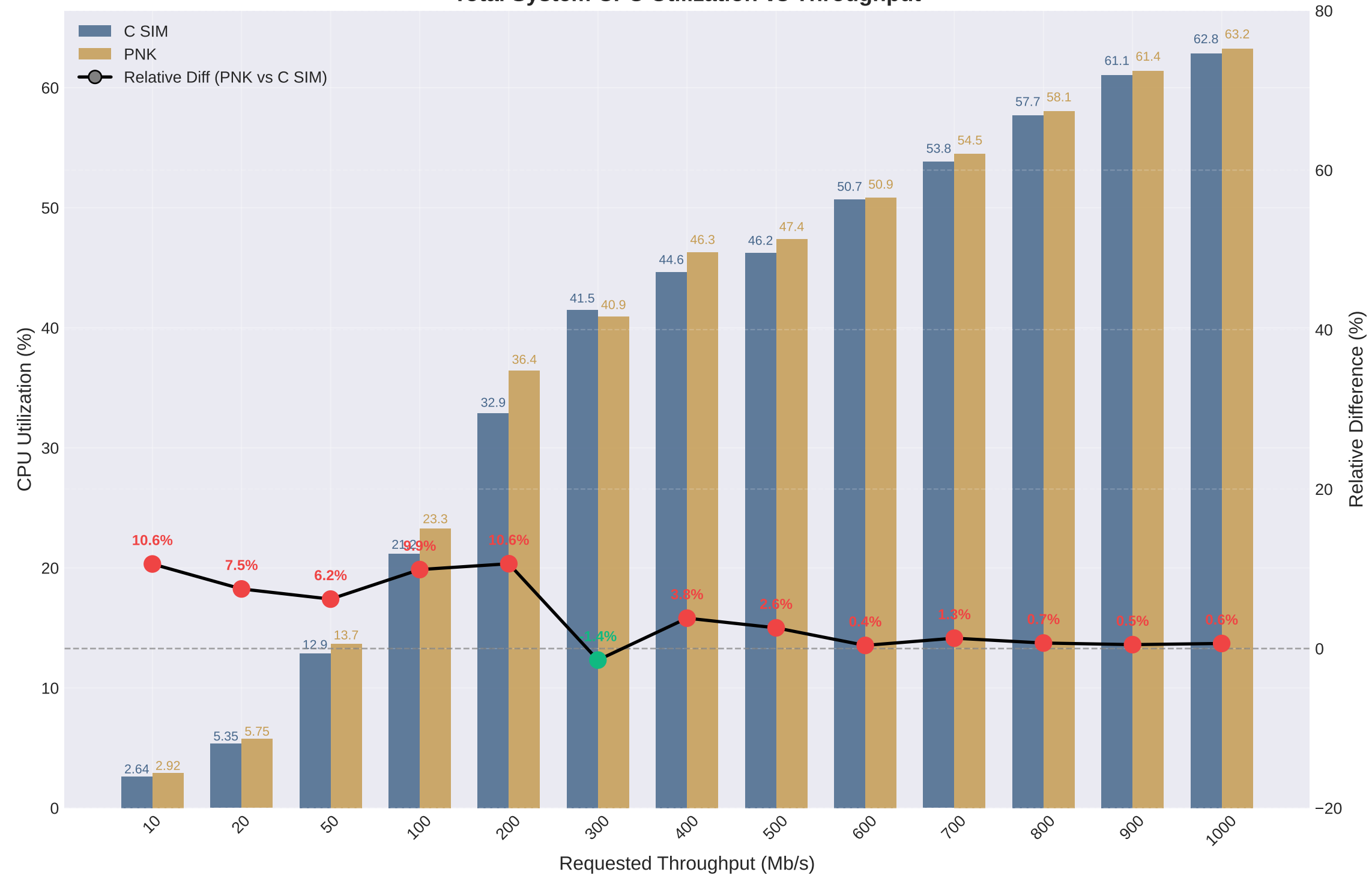
- C SIM
- PNK
- Relative Diff (PNK vs C SIM)



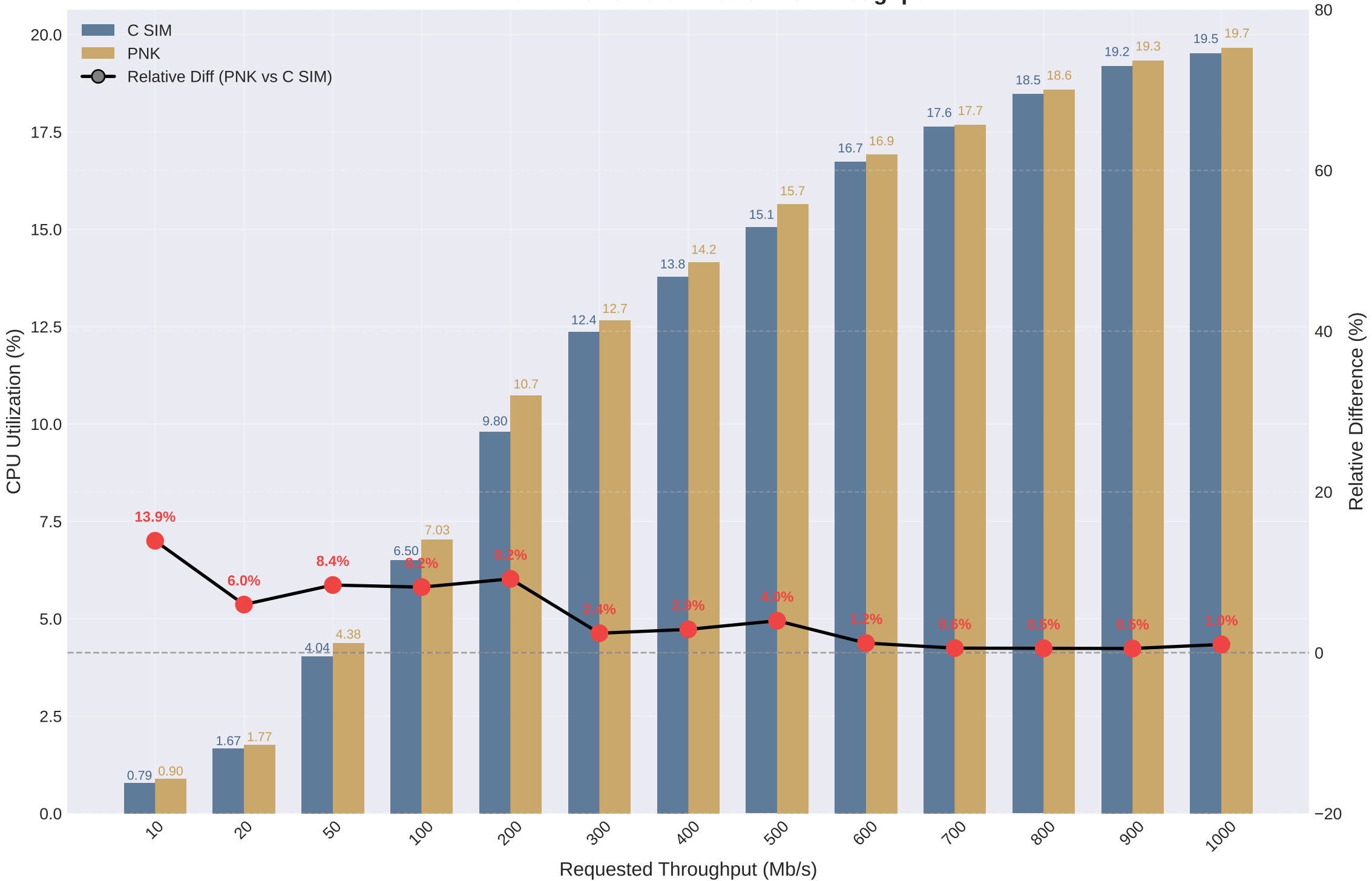
Received Throughput vs Requested with CPU Utilization Overlay



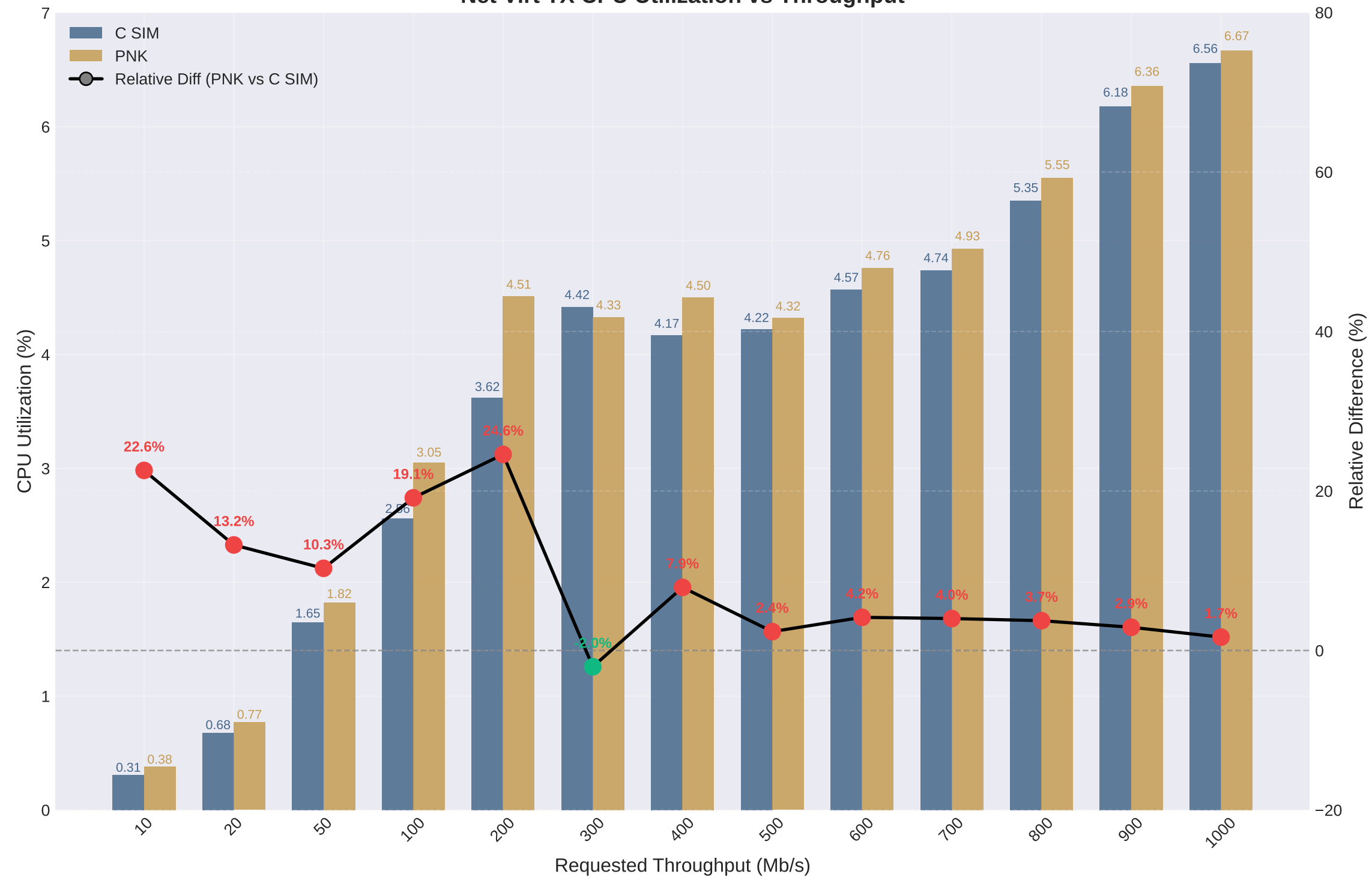
Total System CPU Utilization vs Throughput



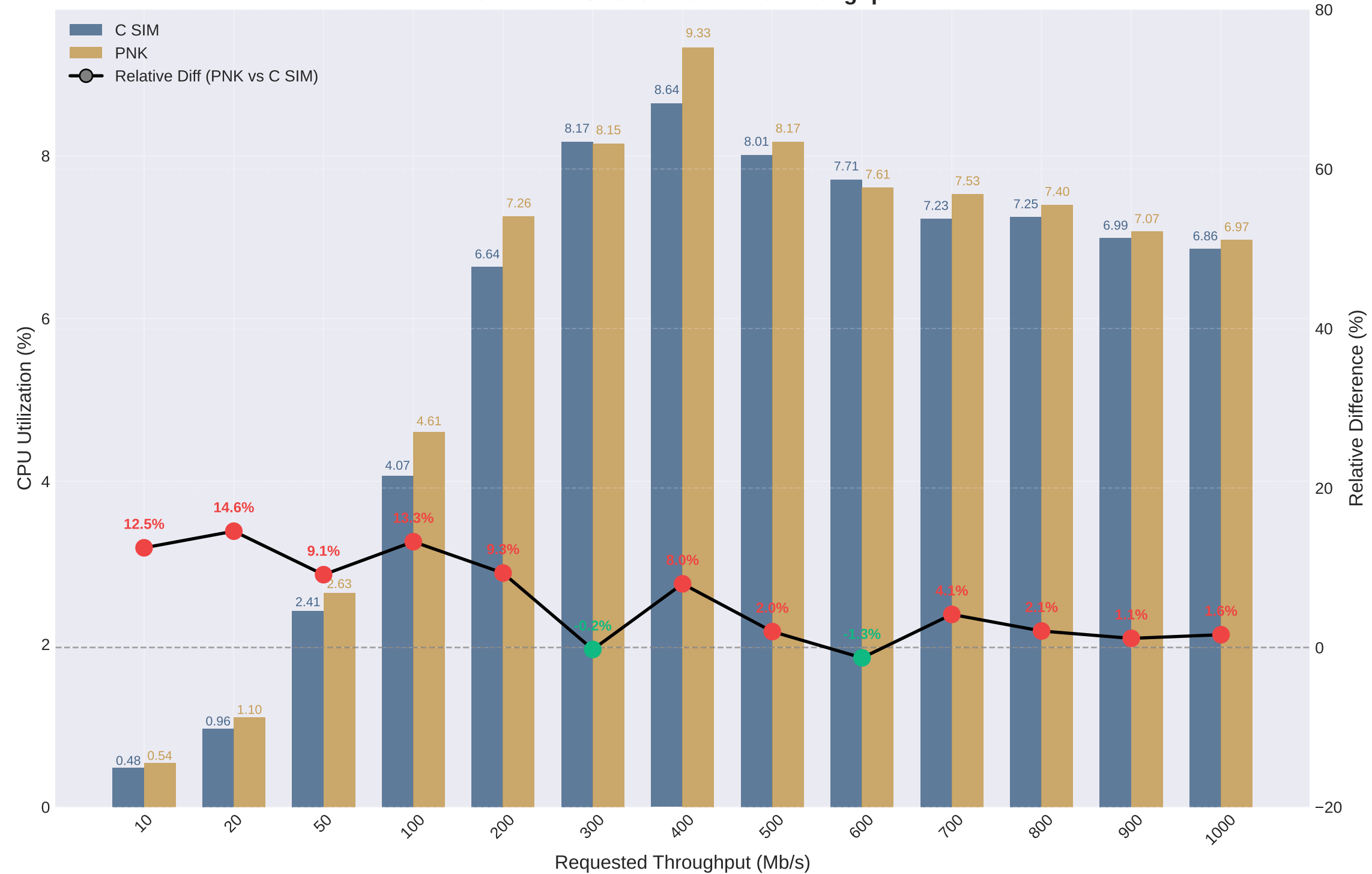
Ethernet Driver CPU Utilization vs Throughput



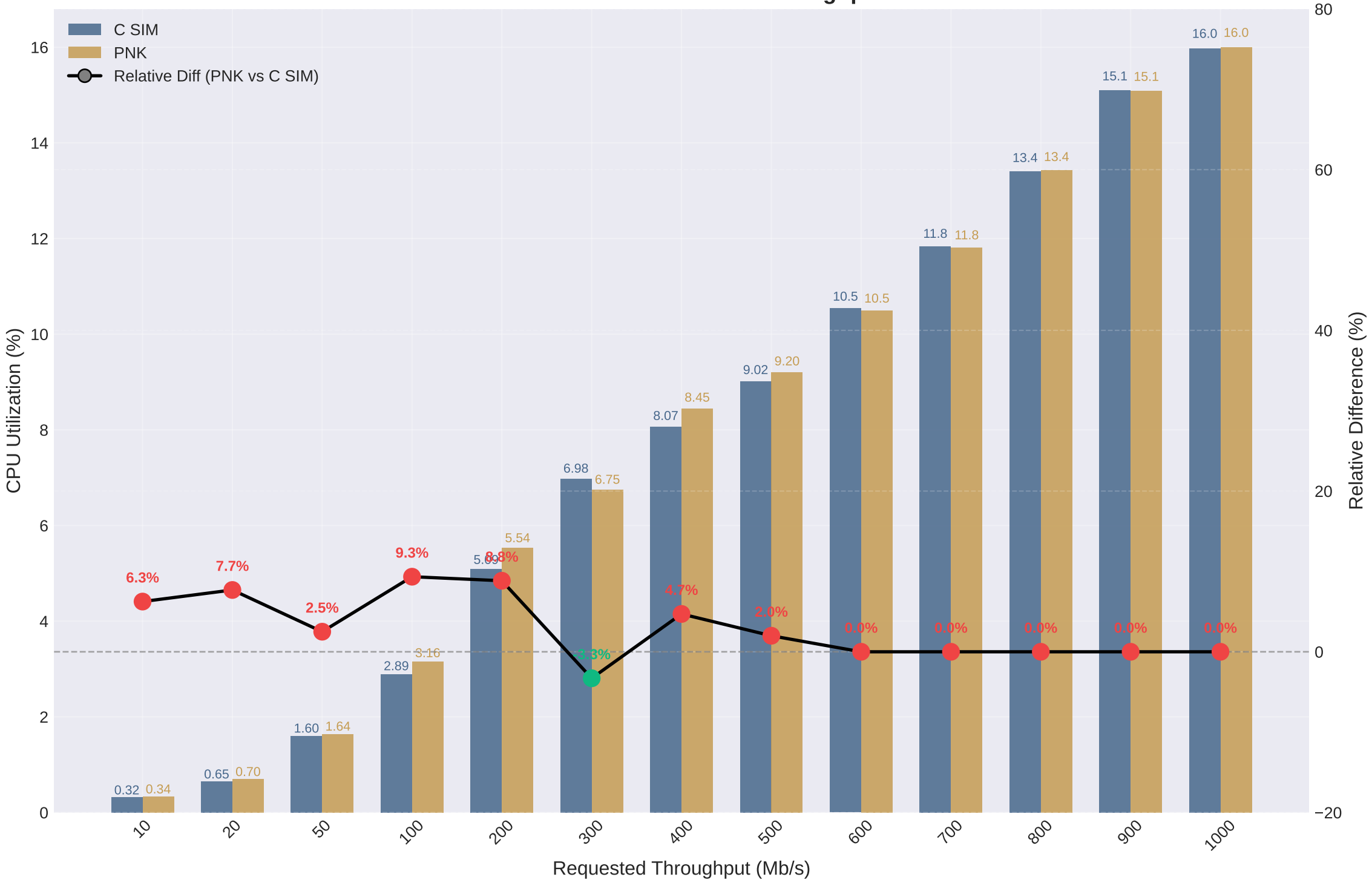
Net Virt TX CPU Utilization vs Throughput



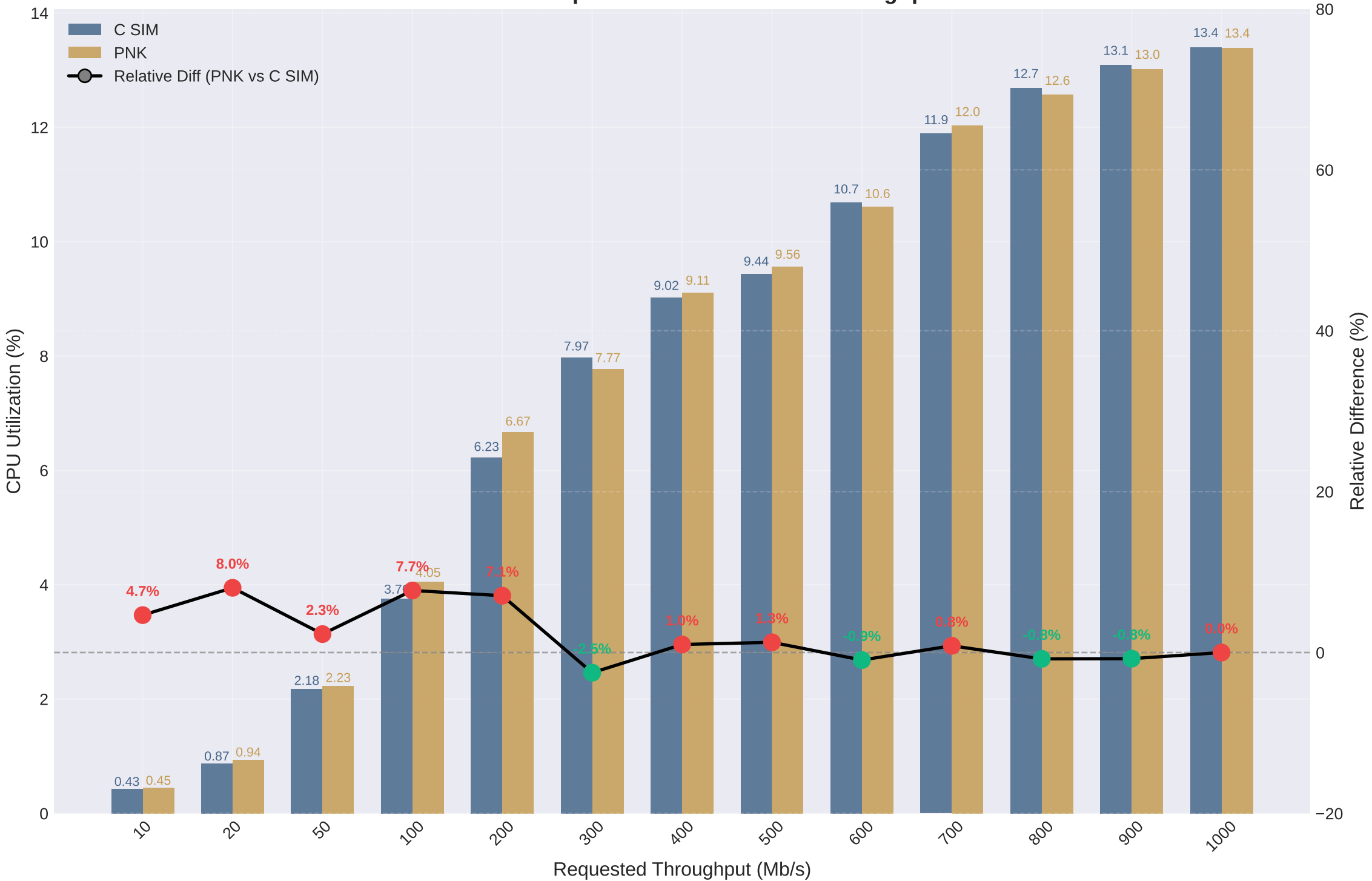
Net Virt RX CPU Utilization vs Throughput



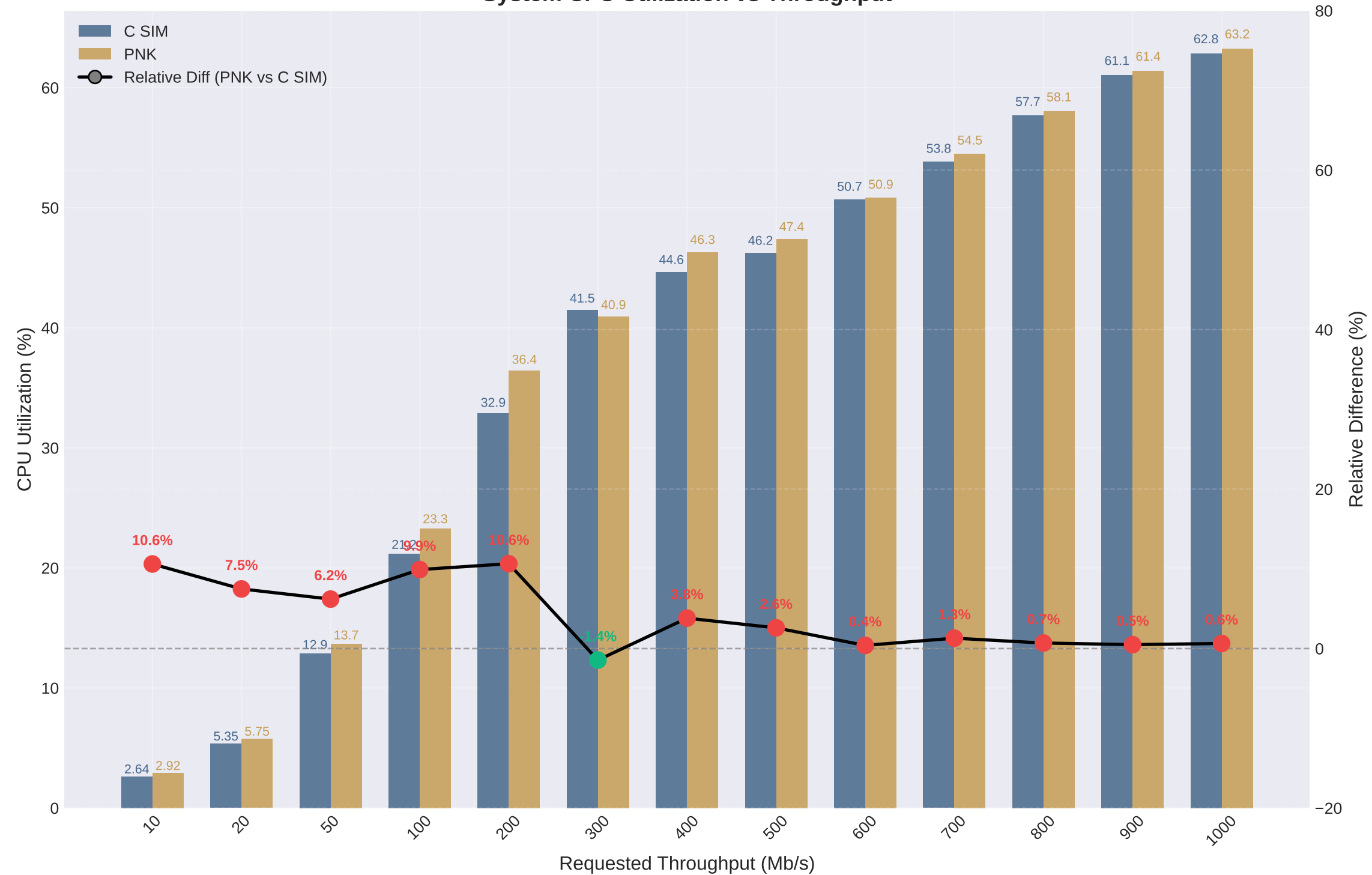
Client0 CPU Utilization vs Throughput



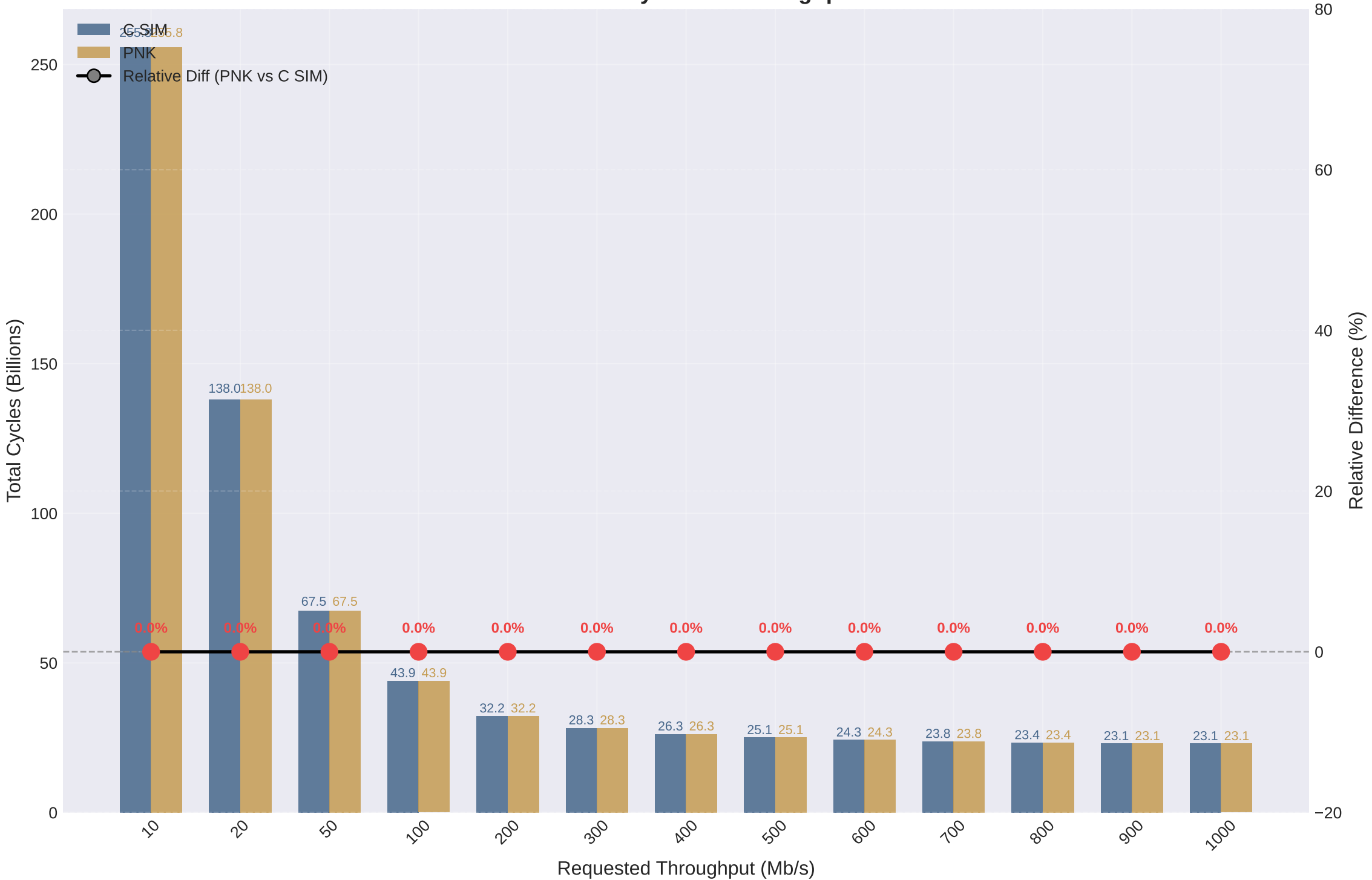
Client0 Net Copier CPU Utilization vs Throughput



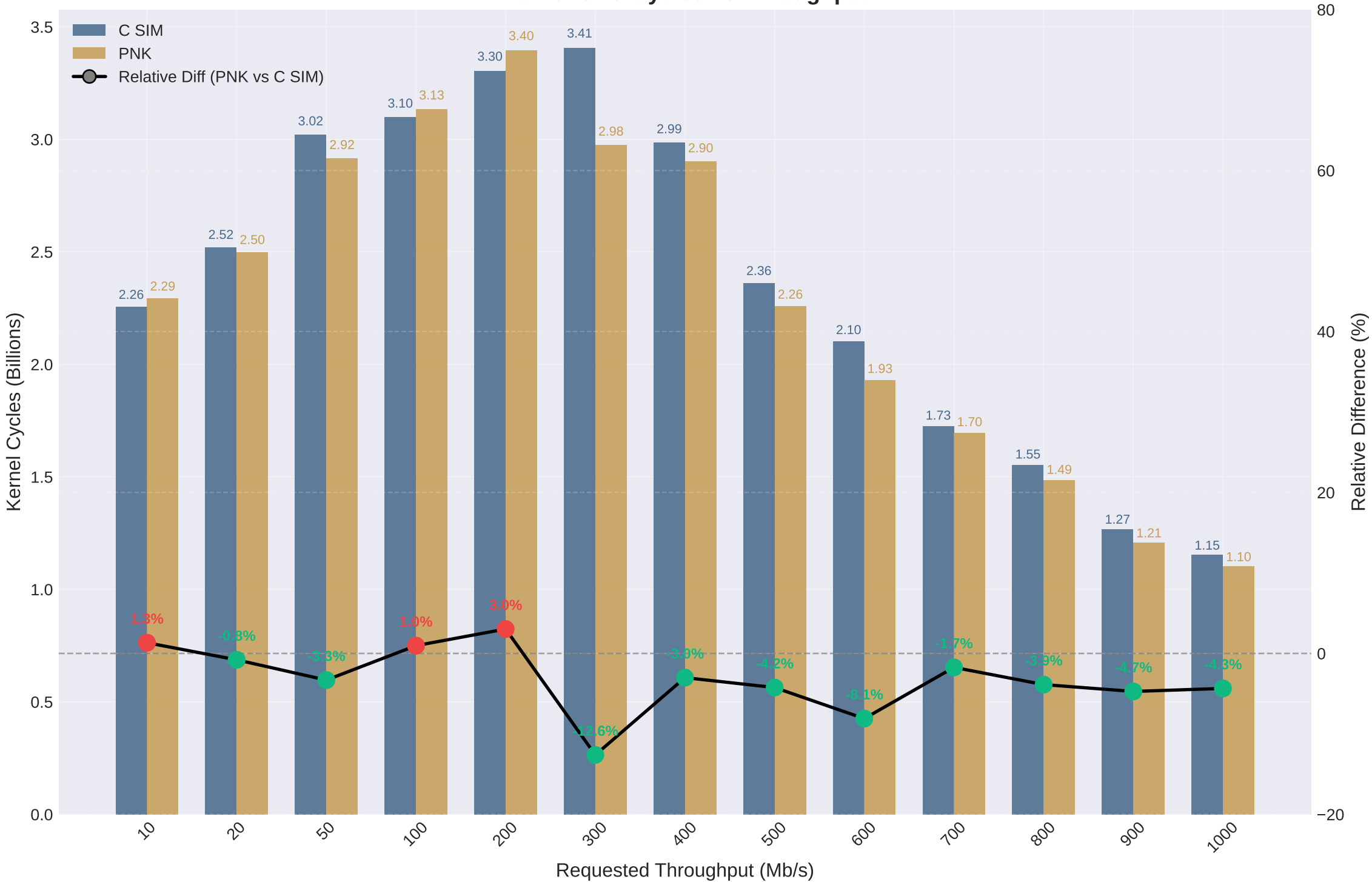
System CPU Utilization vs Throughput



Total CPU Cycles vs Throughput



Kernel CPU Cycles vs Throughput



User CPU Cycles vs Throughput

User Cycles (Billions)

14
12
10
8
6
4
2
0

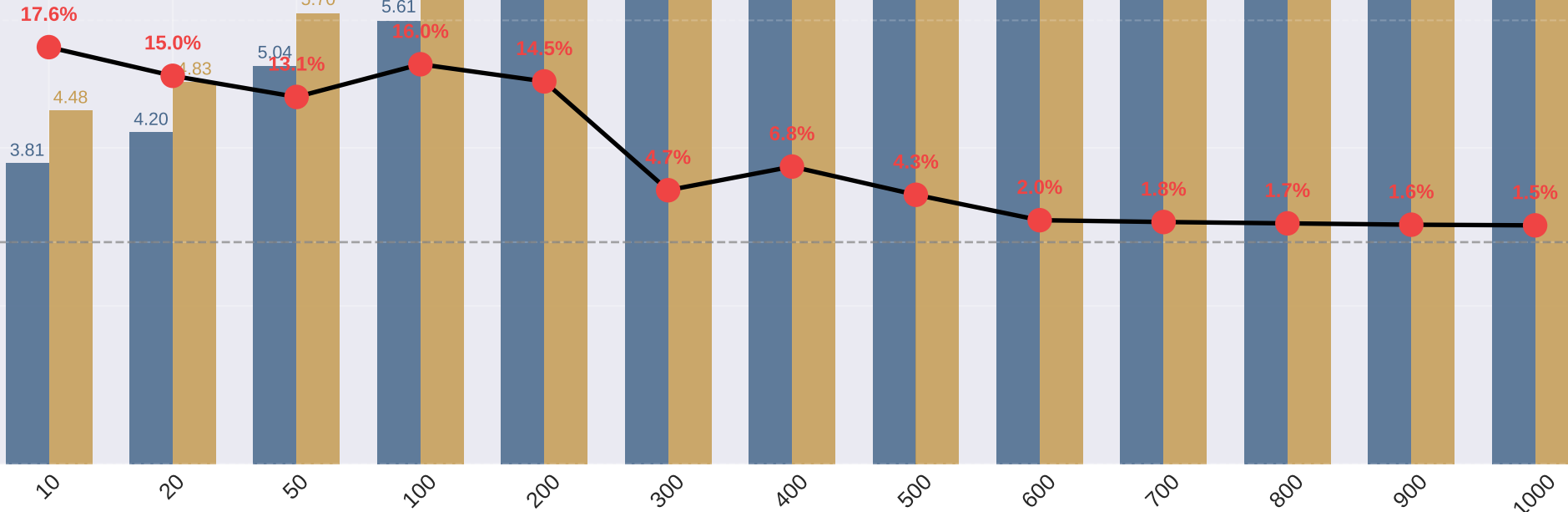
- C SIM
- PNK
- Relative Diff (PNK vs C SIM)

Relative Difference (%)

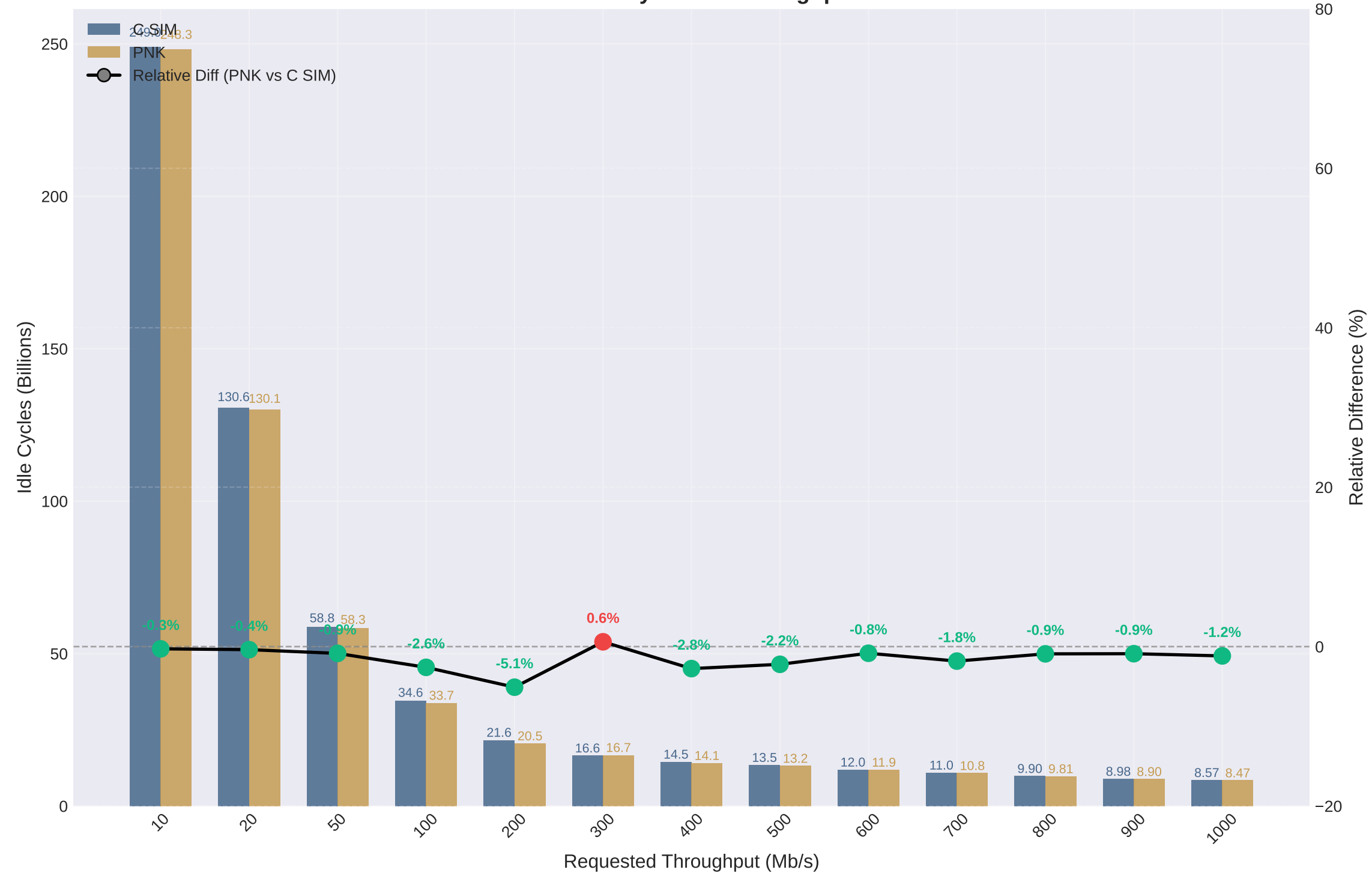
80
60
40
20
0
-20

10 20 50 100 200 300 400 500 600 700 800 900 1000

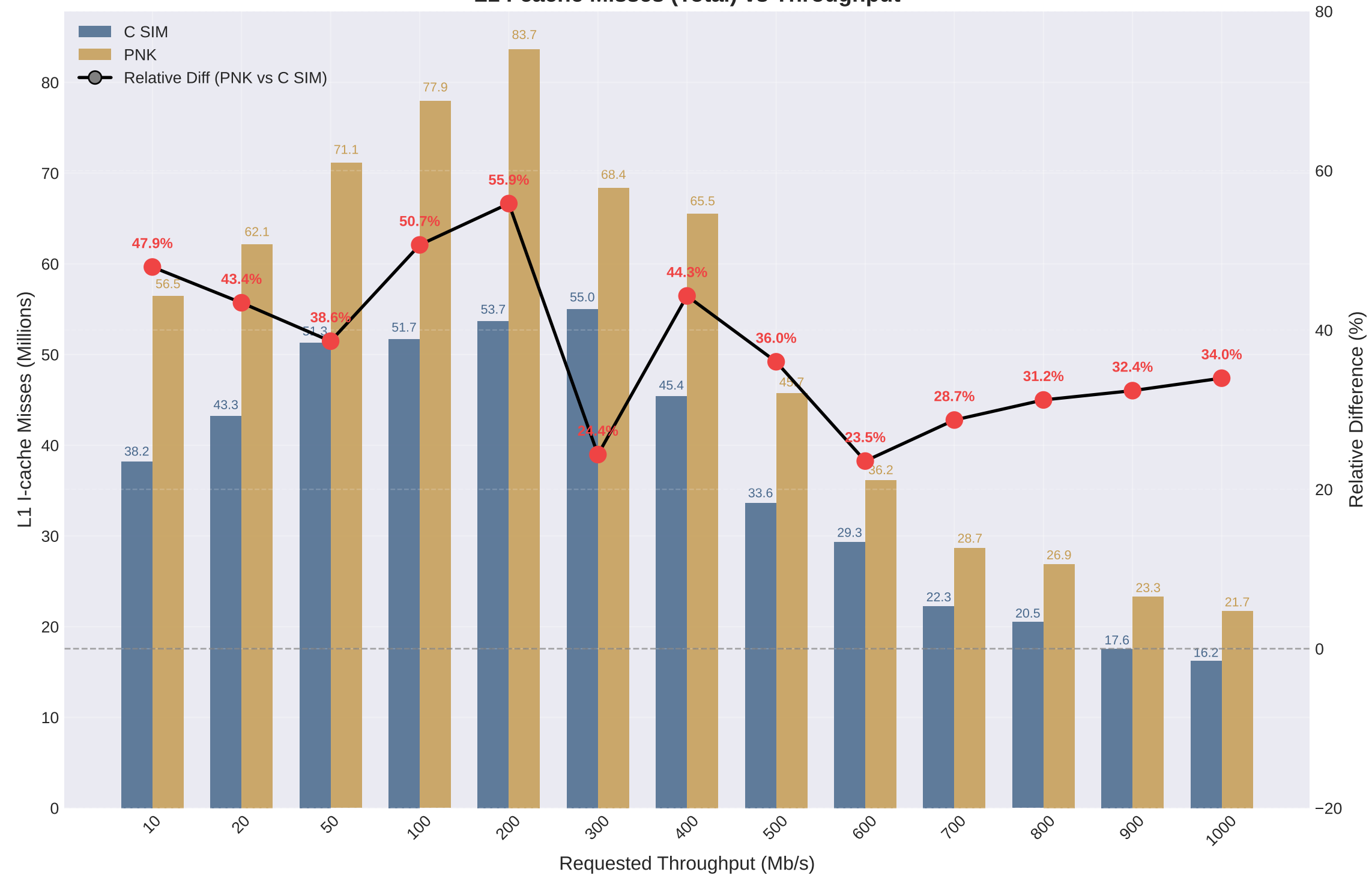
Requested Throughput (Mb/s)



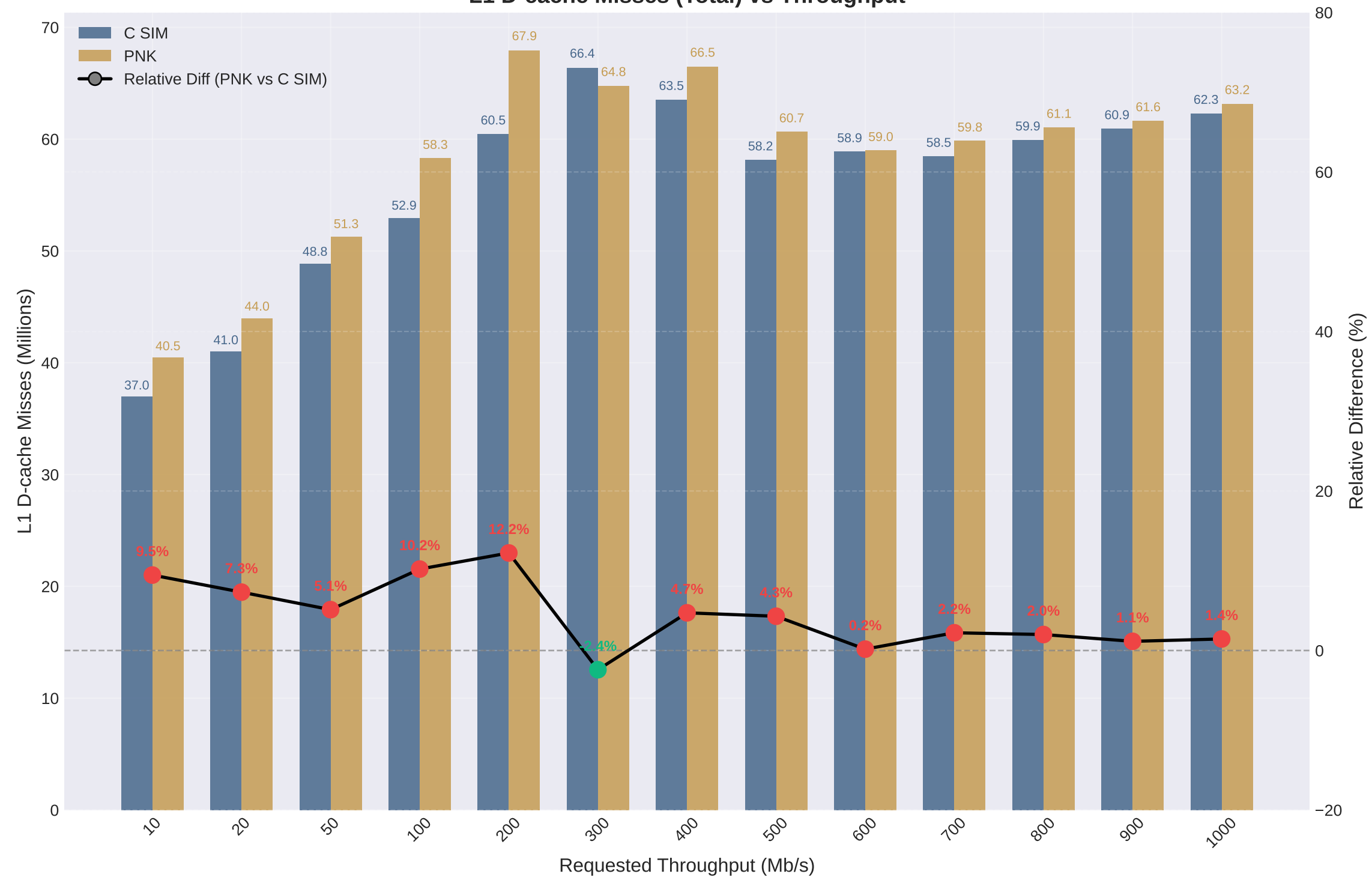
Idle CPU Cycles vs Throughput



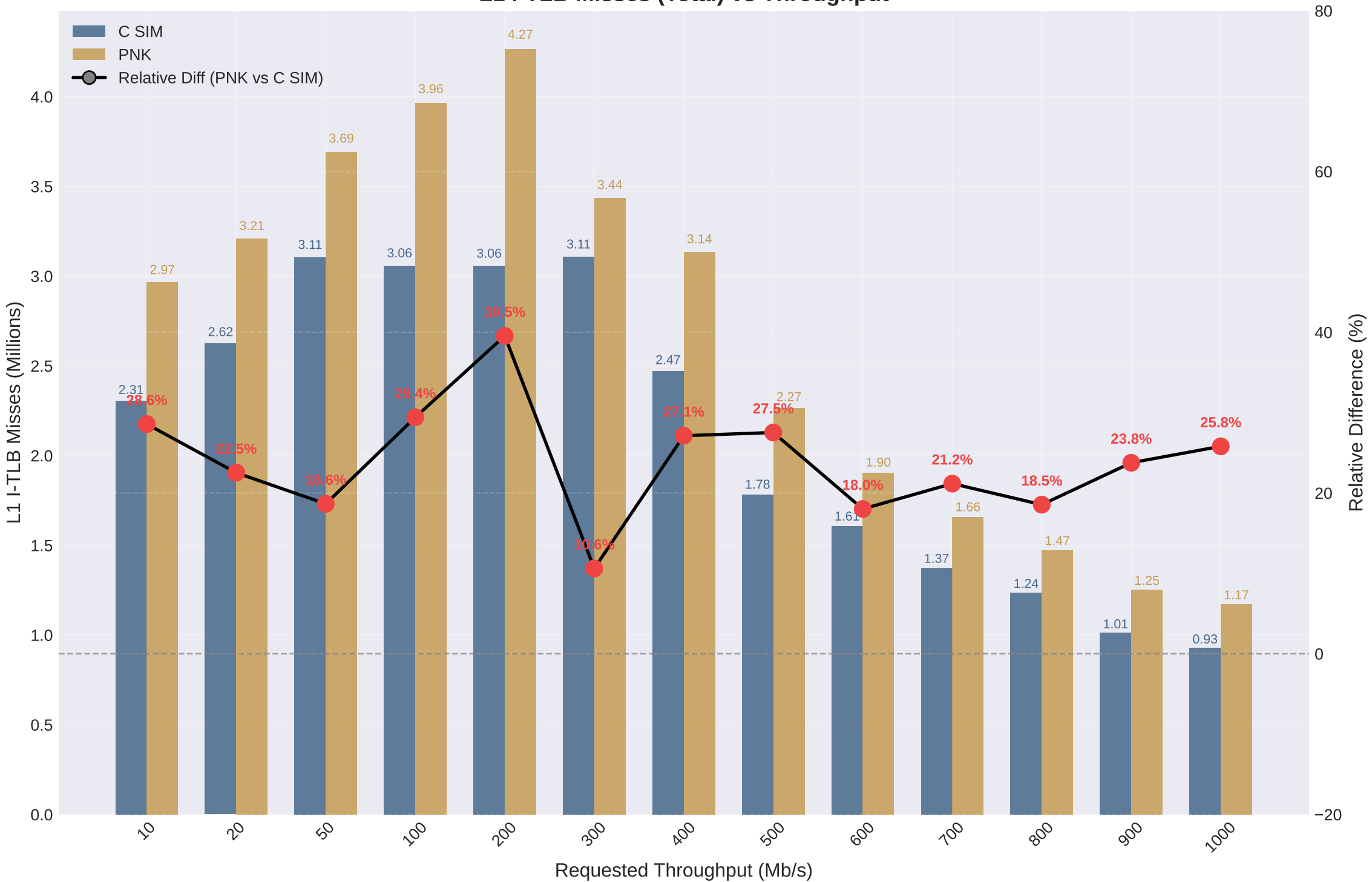
L1 I-cache Misses (Total) vs Throughput



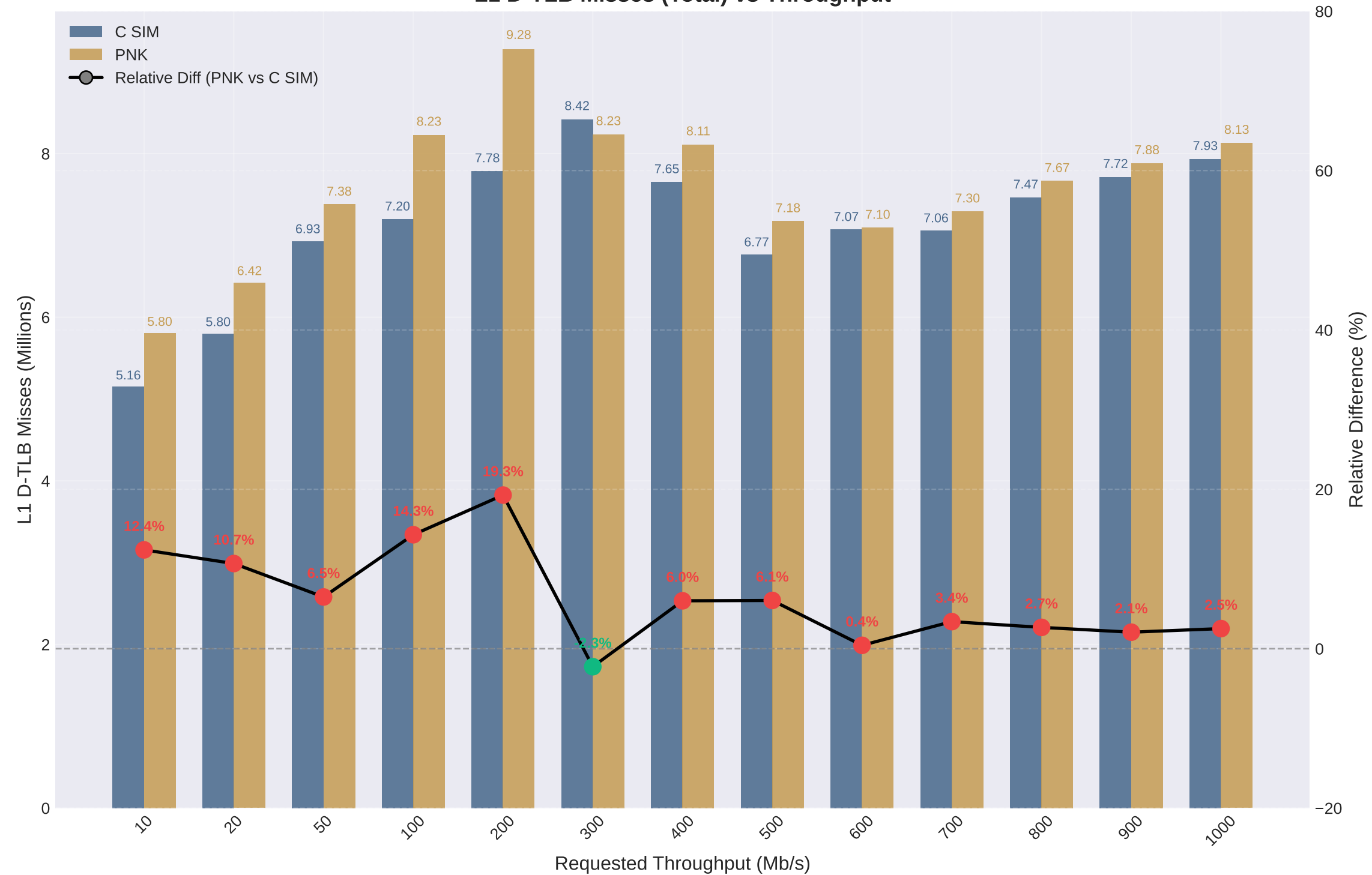
L1 D-cache Misses (Total) vs Throughput



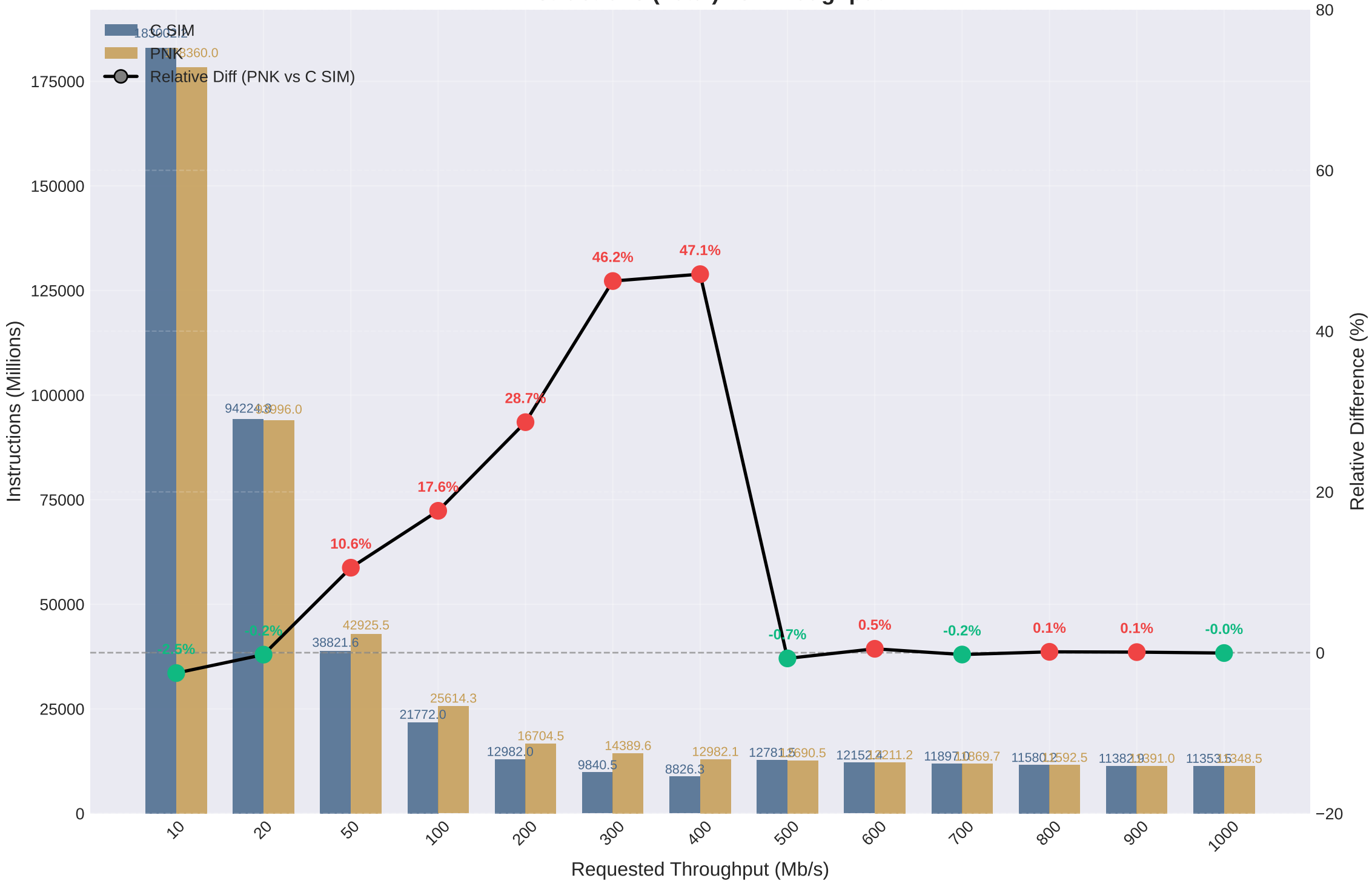
L1 I-TLB Misses (Total) vs Throughput



L1 D-TLB Misses (Total) vs Throughput



Instructions (Total) vs Throughput

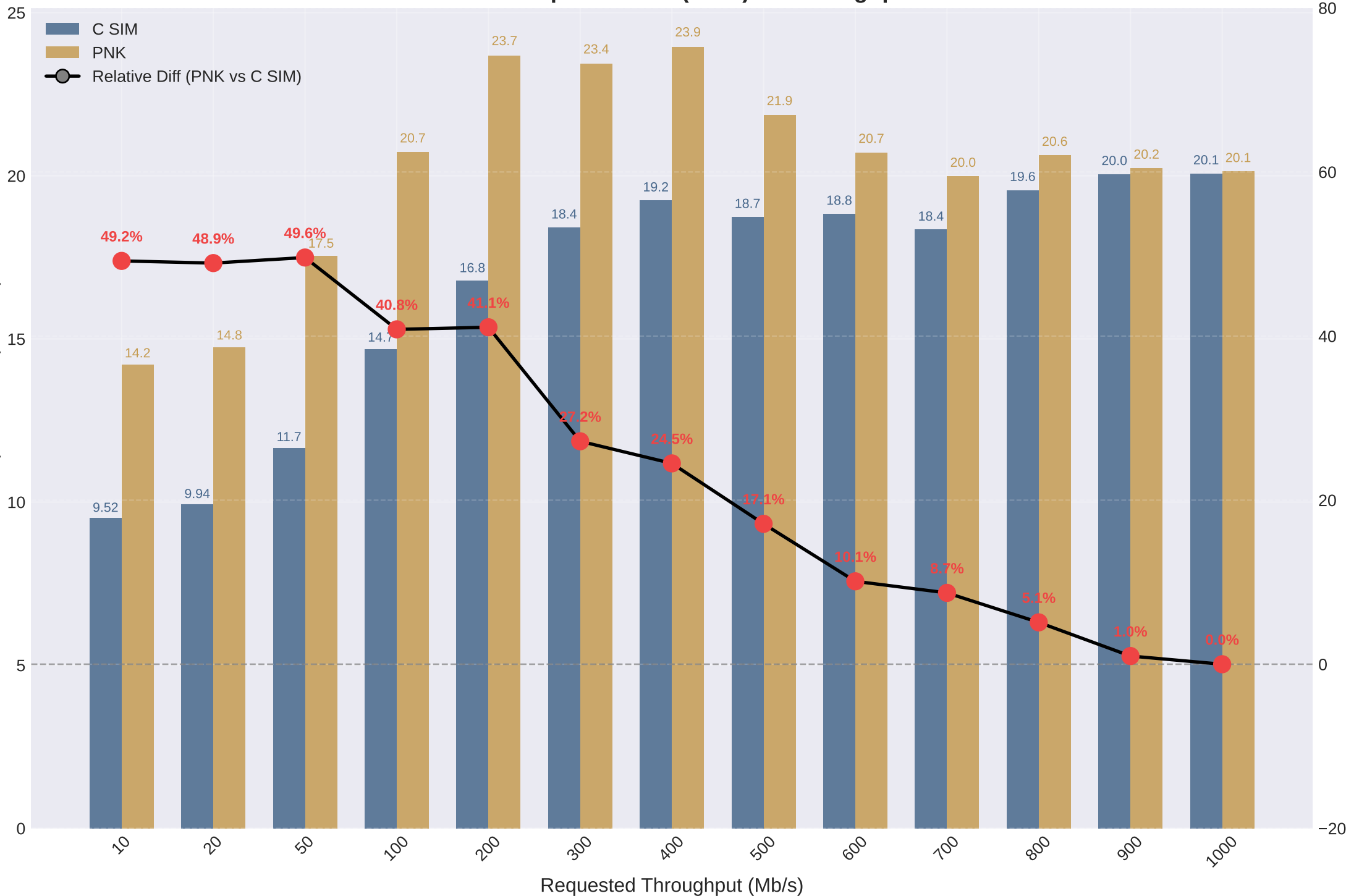


Branch Mispredictions (Total) vs Throughput

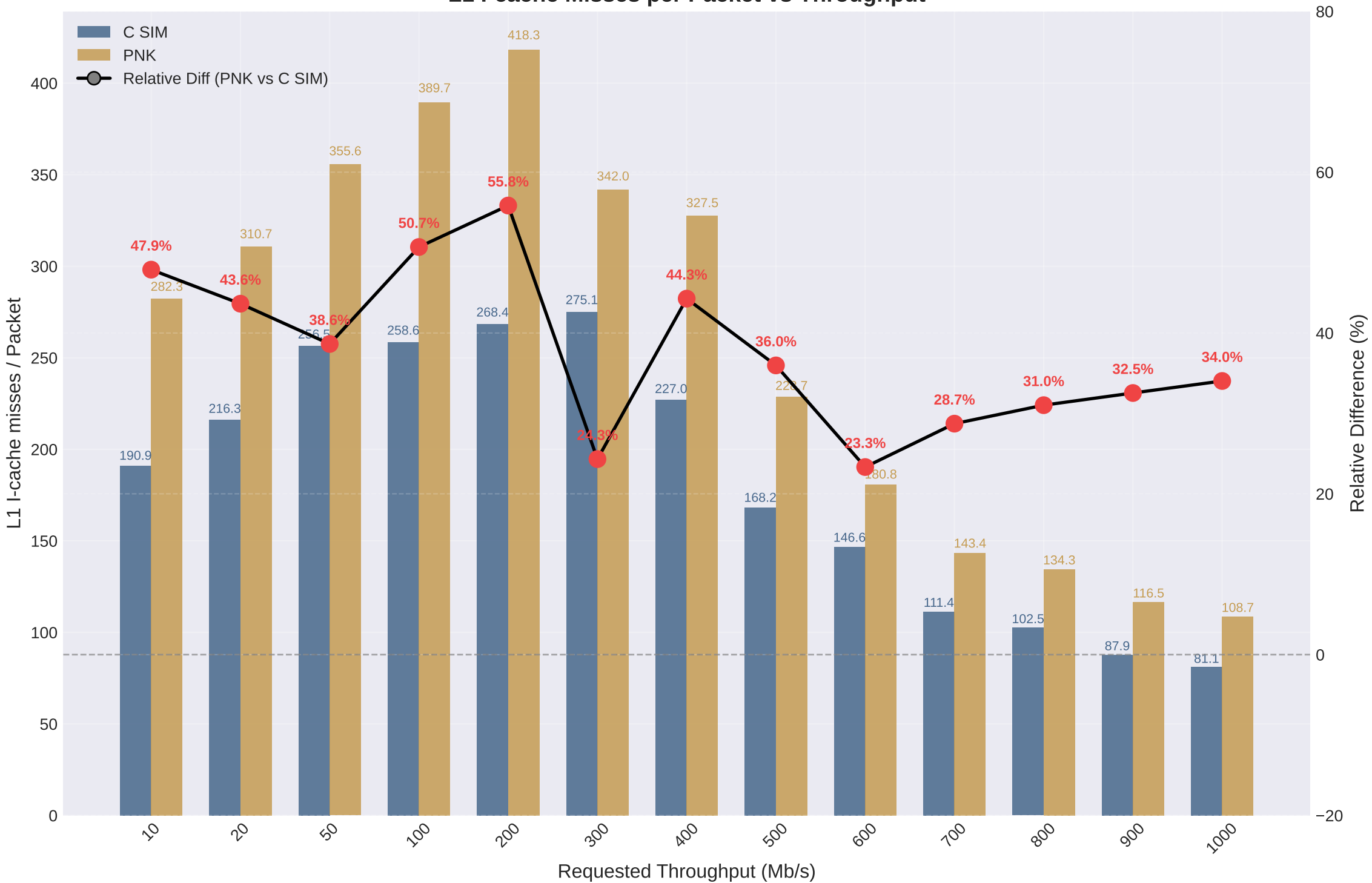
Branch Mispredictions (Millions)

Relative Difference (%)

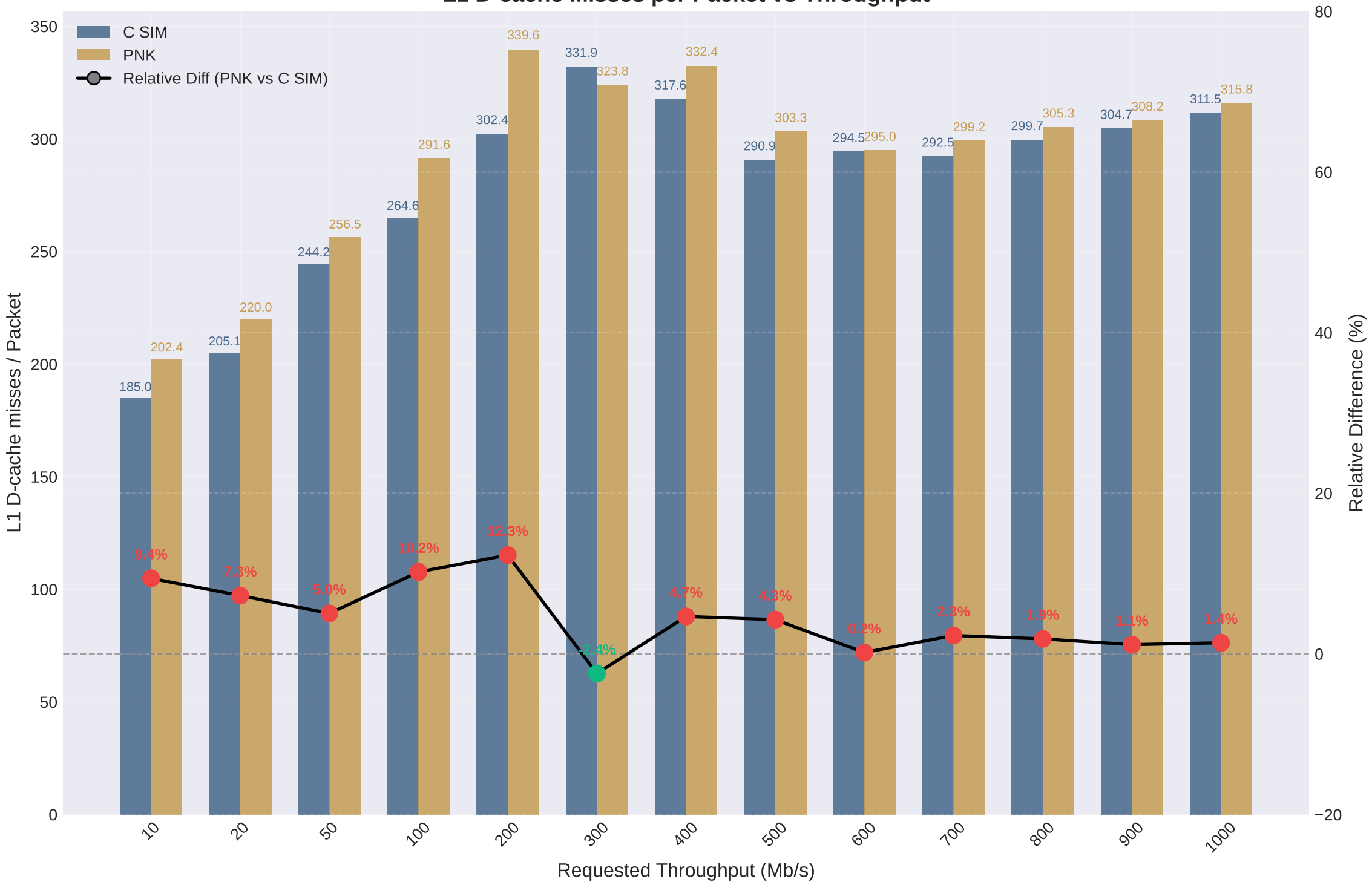
- C SIM
- PNK
- Relative Diff (PNK vs C SIM)



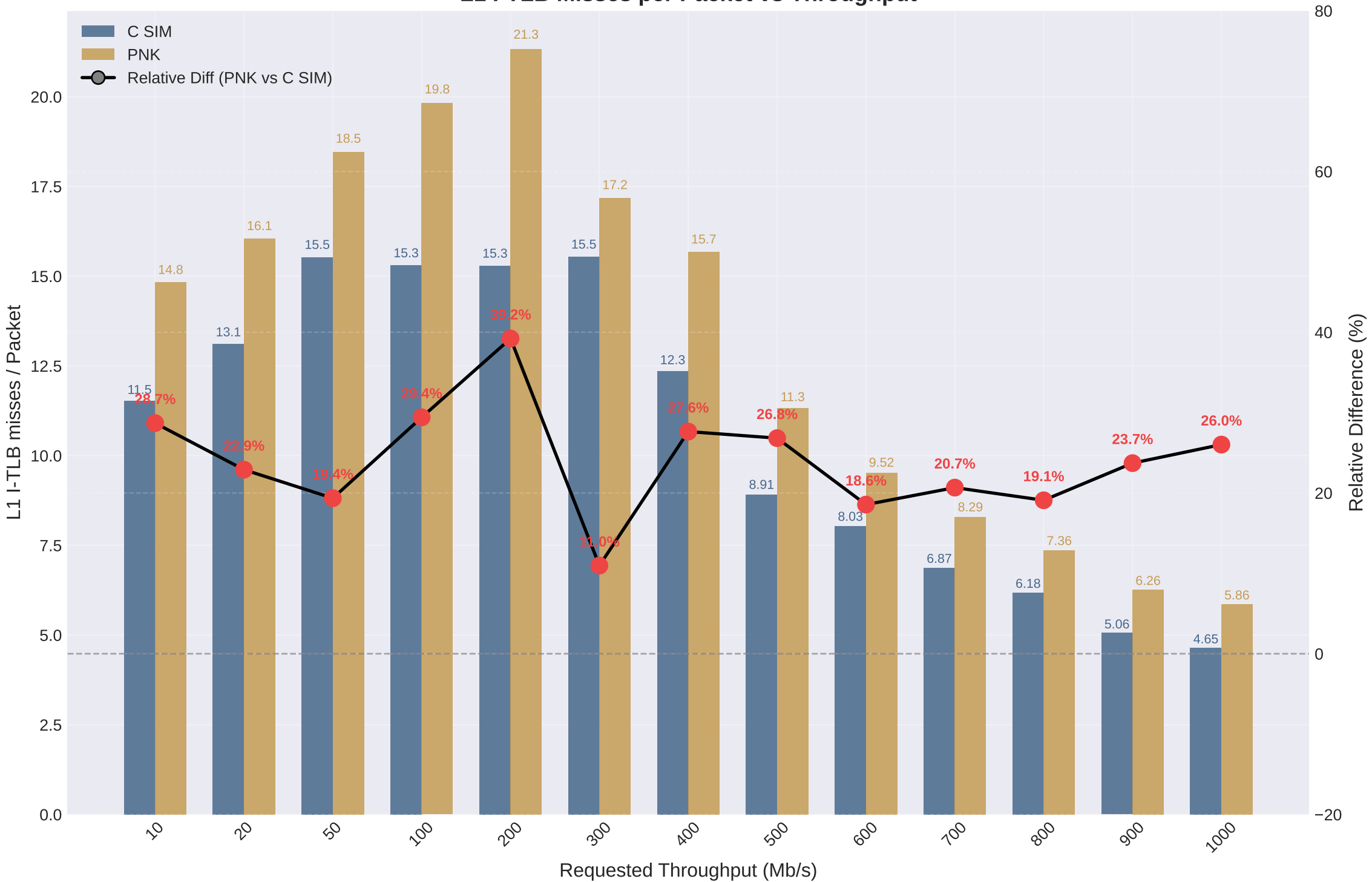
L1 I-cache Misses per Packet vs Throughput



L1 D-cache Misses per Packet vs Throughput



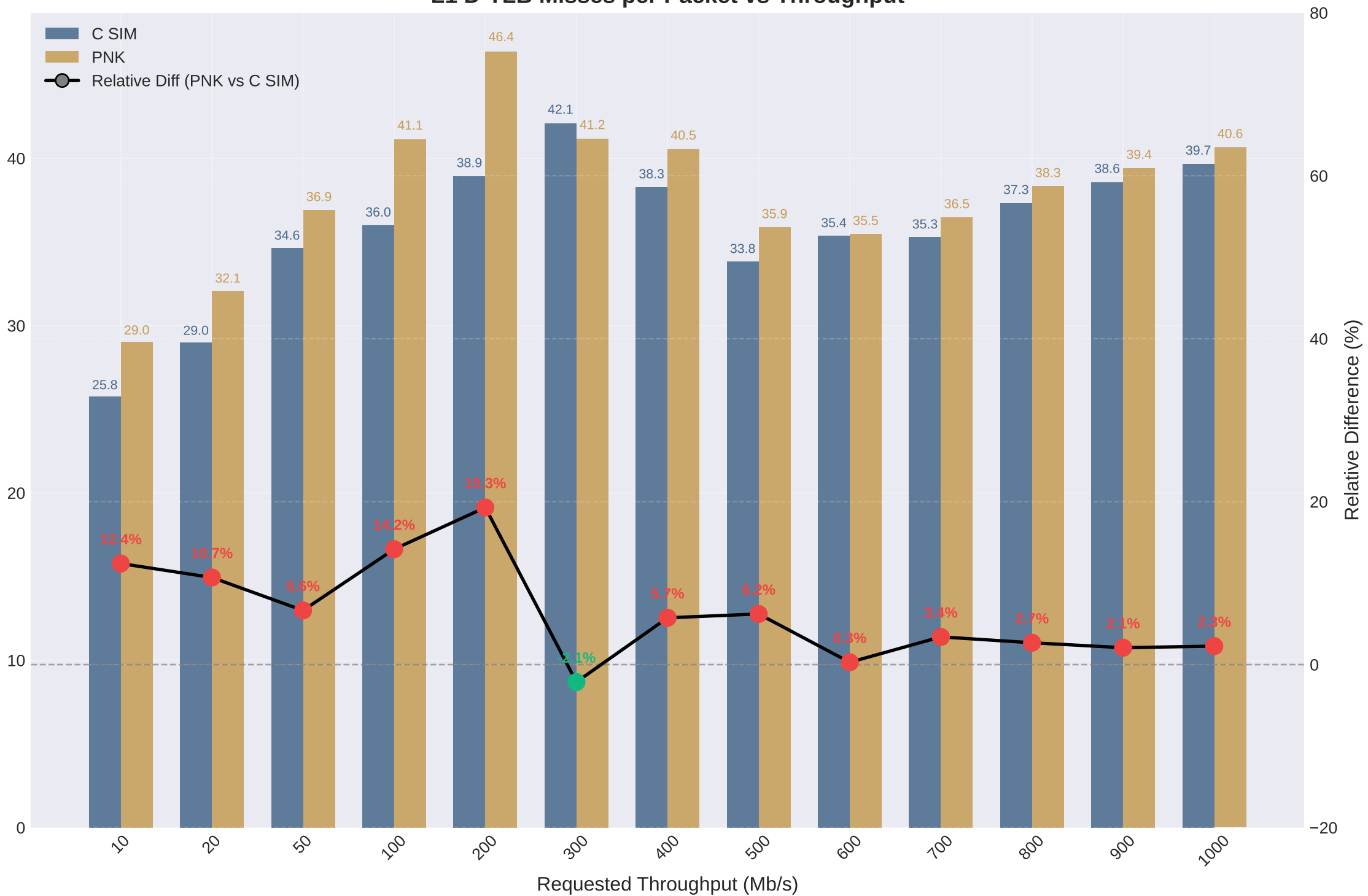
L1 I-TLB Misses per Packet vs Throughput



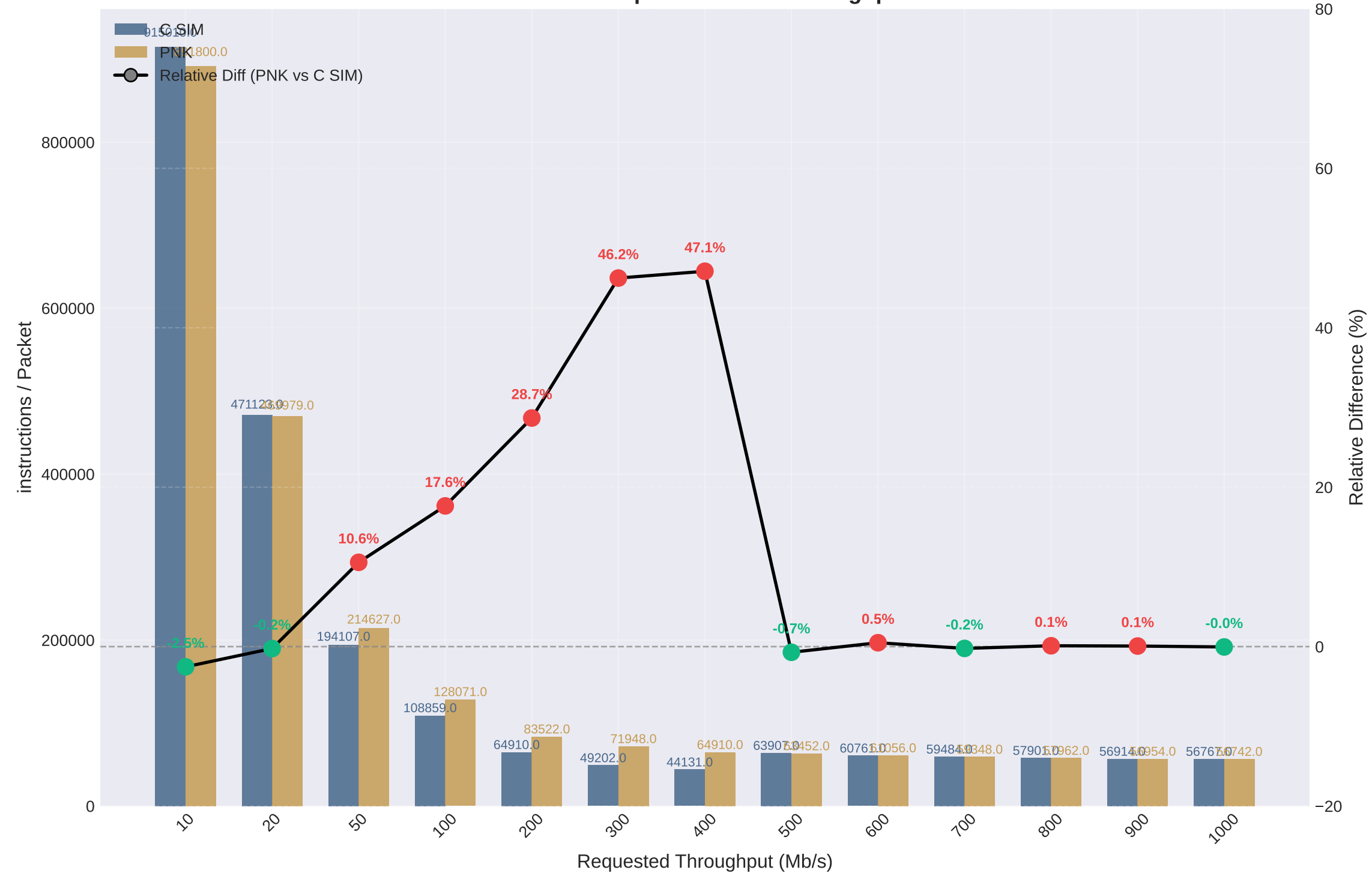
L1 D-TLB Misses per Packet vs Throughput

L1 D-TLB misses / Packet

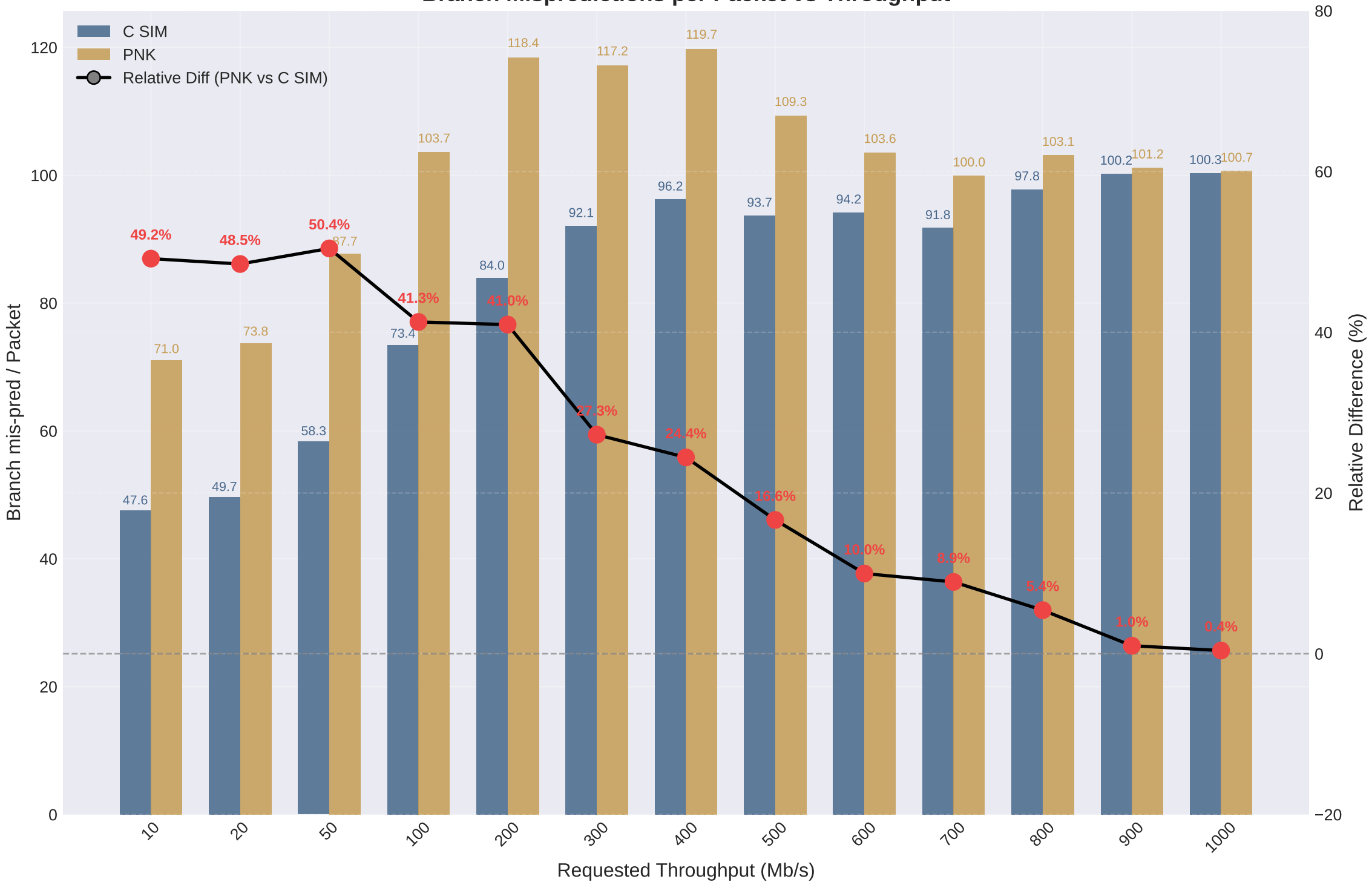
- C SIM
- PNK
- Relative Diff (PNK vs C SIM)



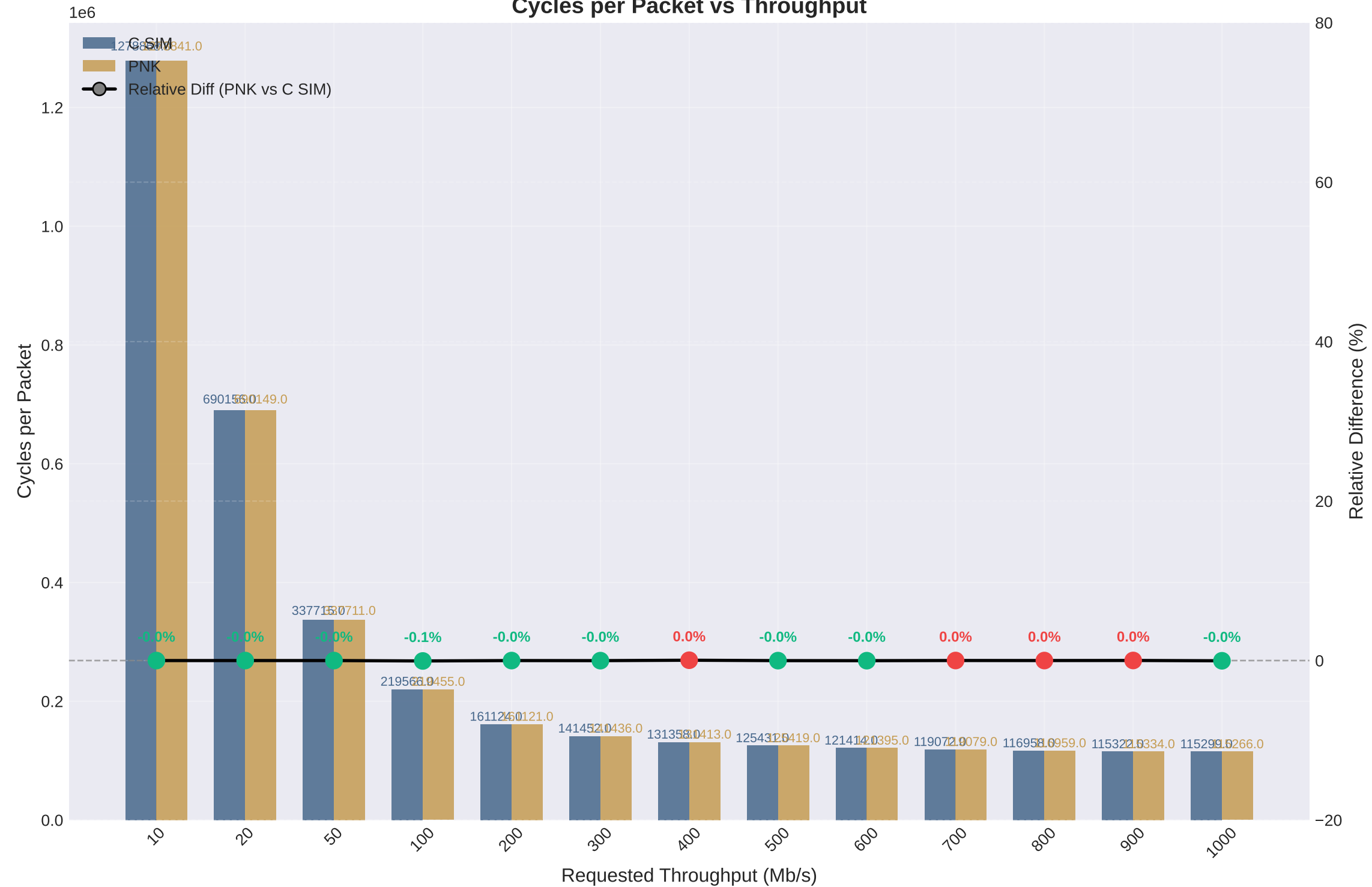
Instructions per Packet vs Throughput



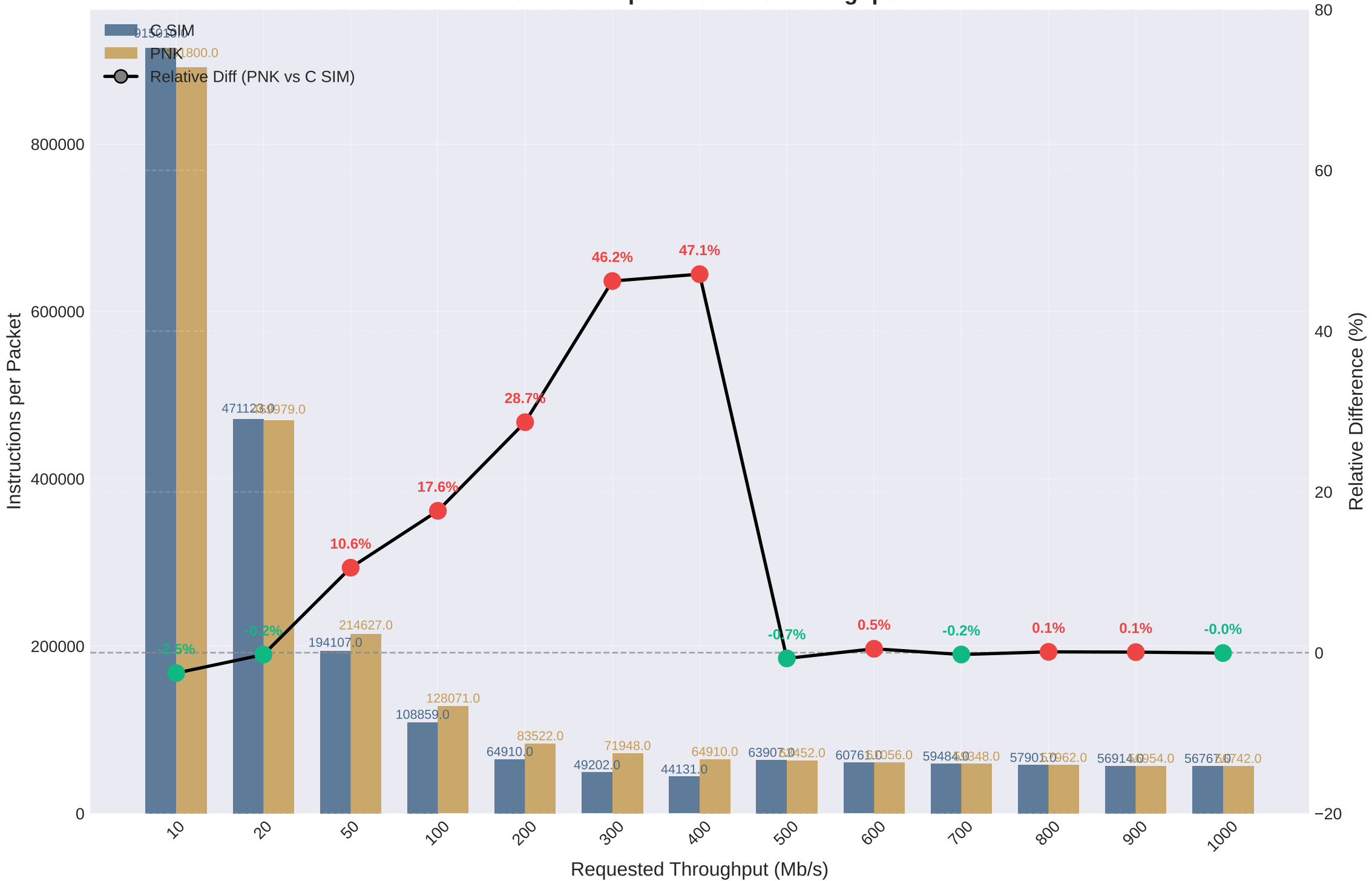
Branch Mispredictions per Packet vs Throughput



Cycles per Packet vs Throughput

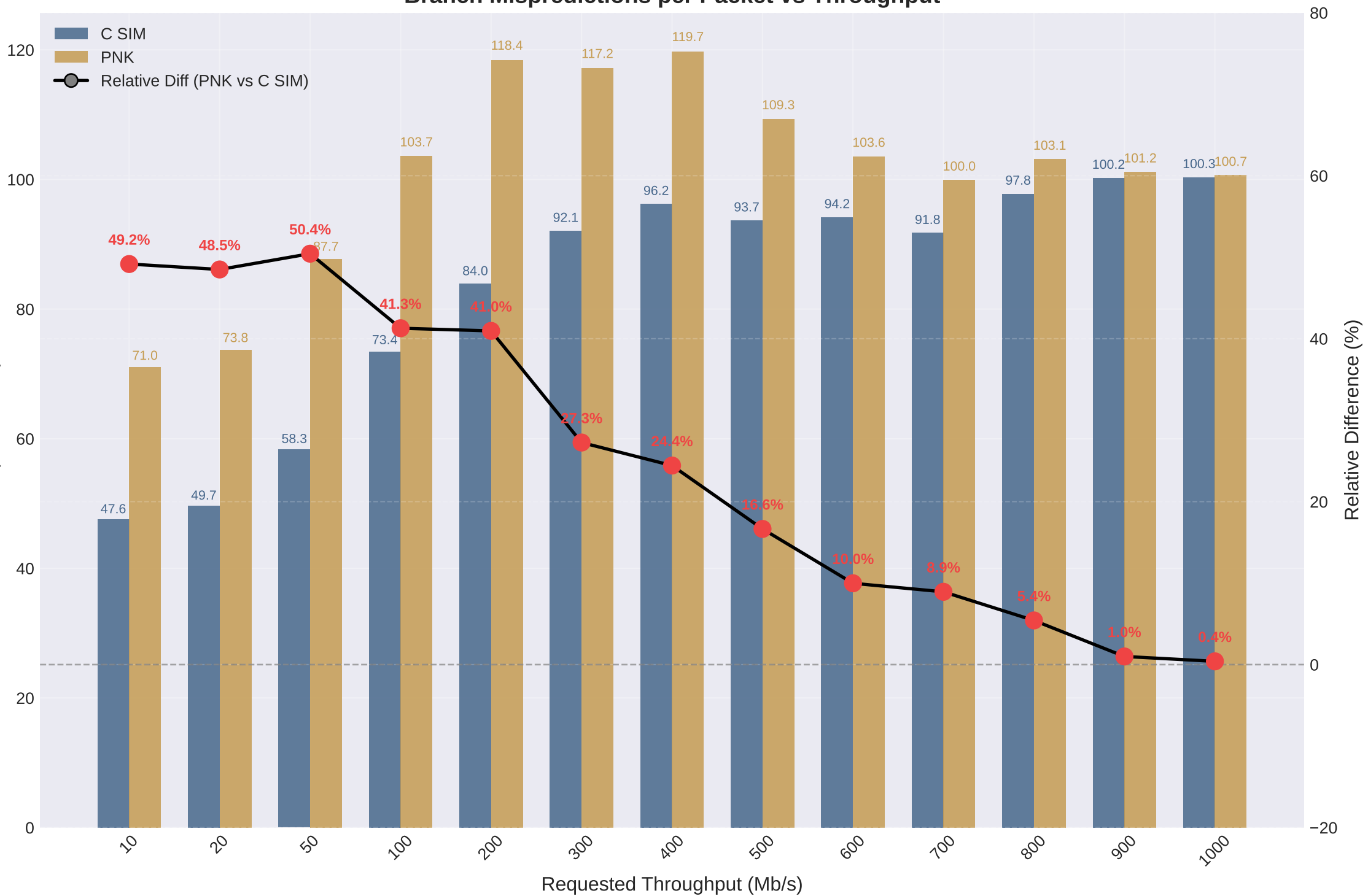


Instructions per Packet vs Throughput

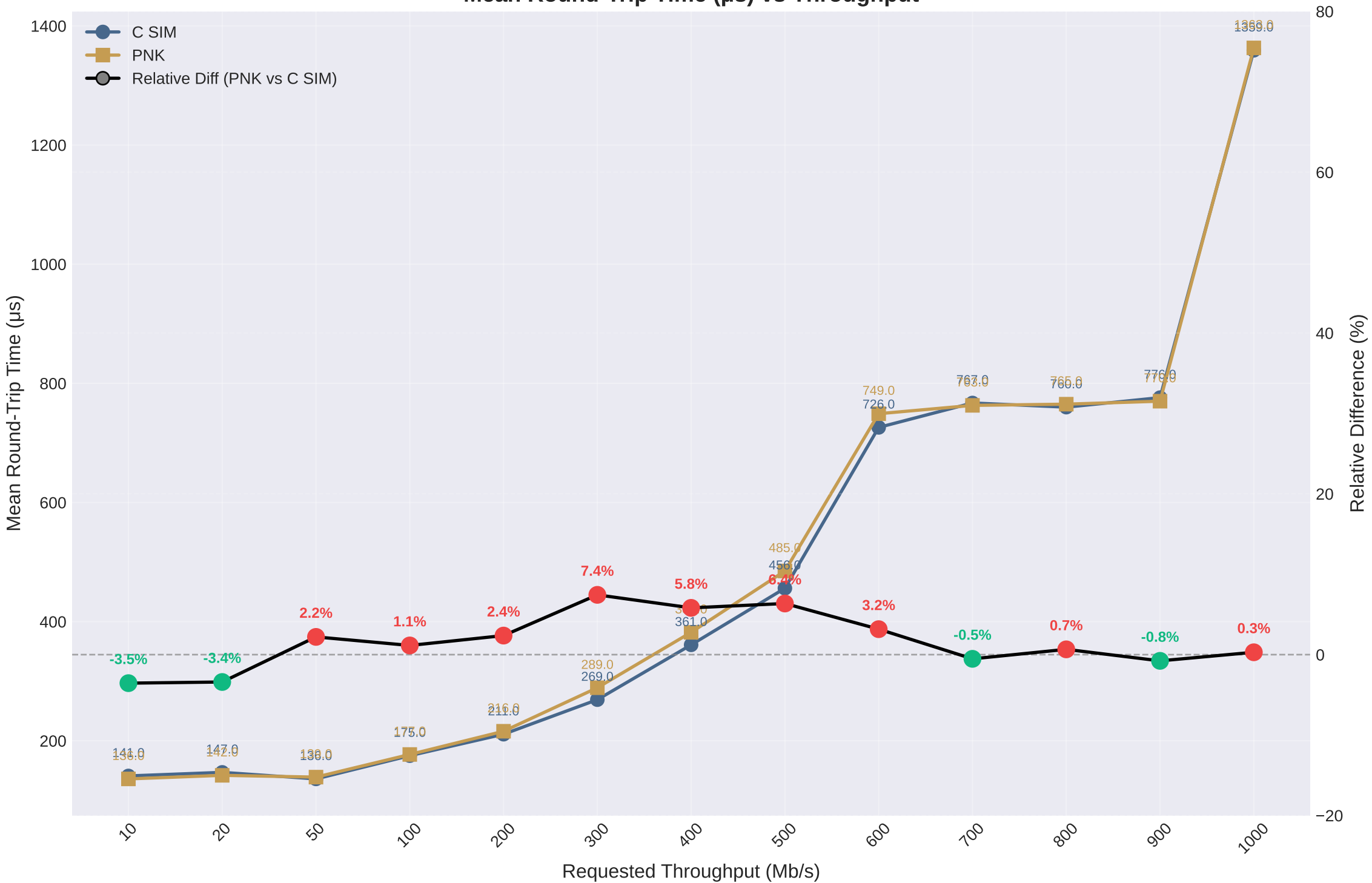


Branch Mispredictions per Packet vs Throughput

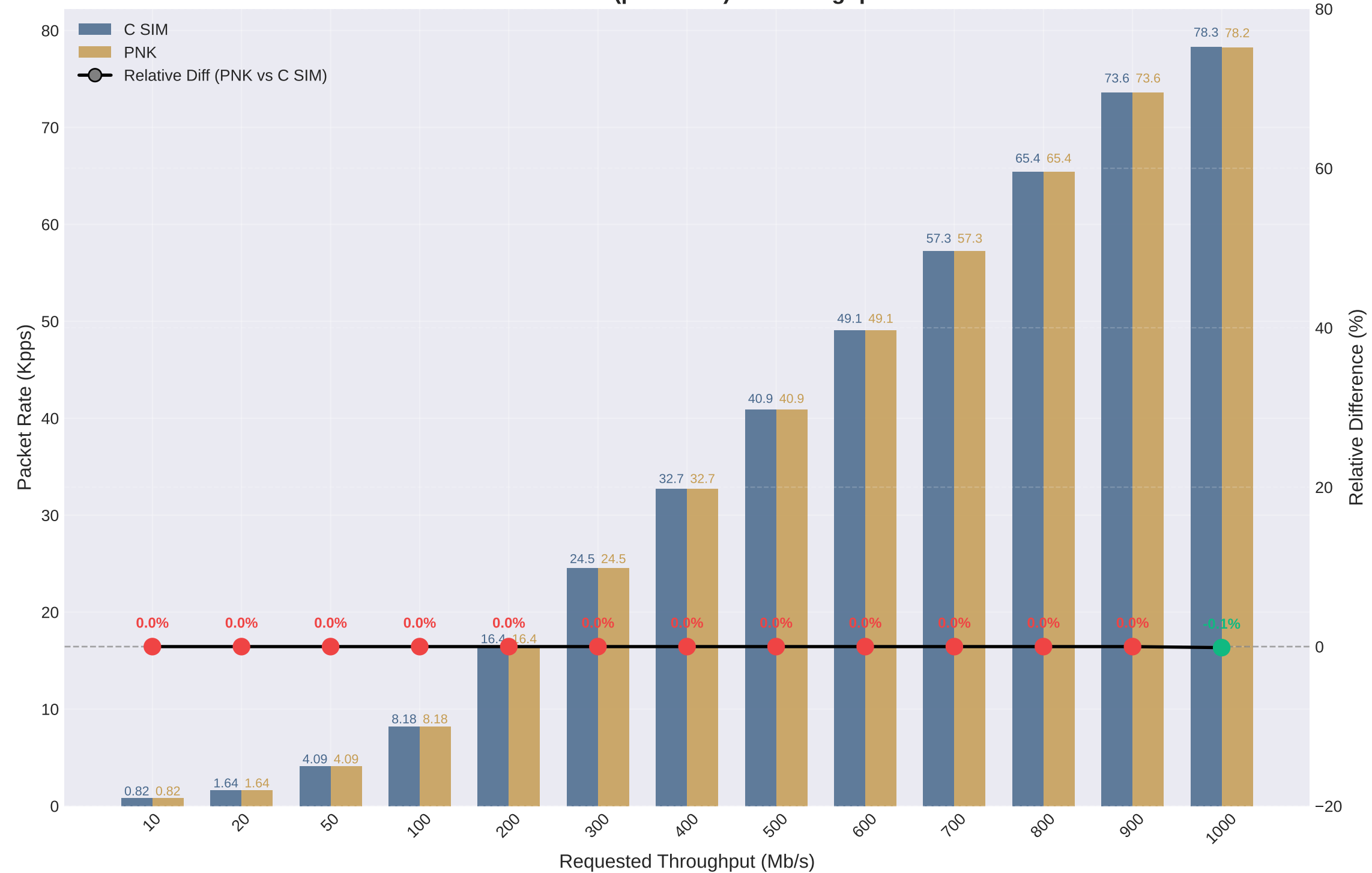
Branch Mispredictions per Packet



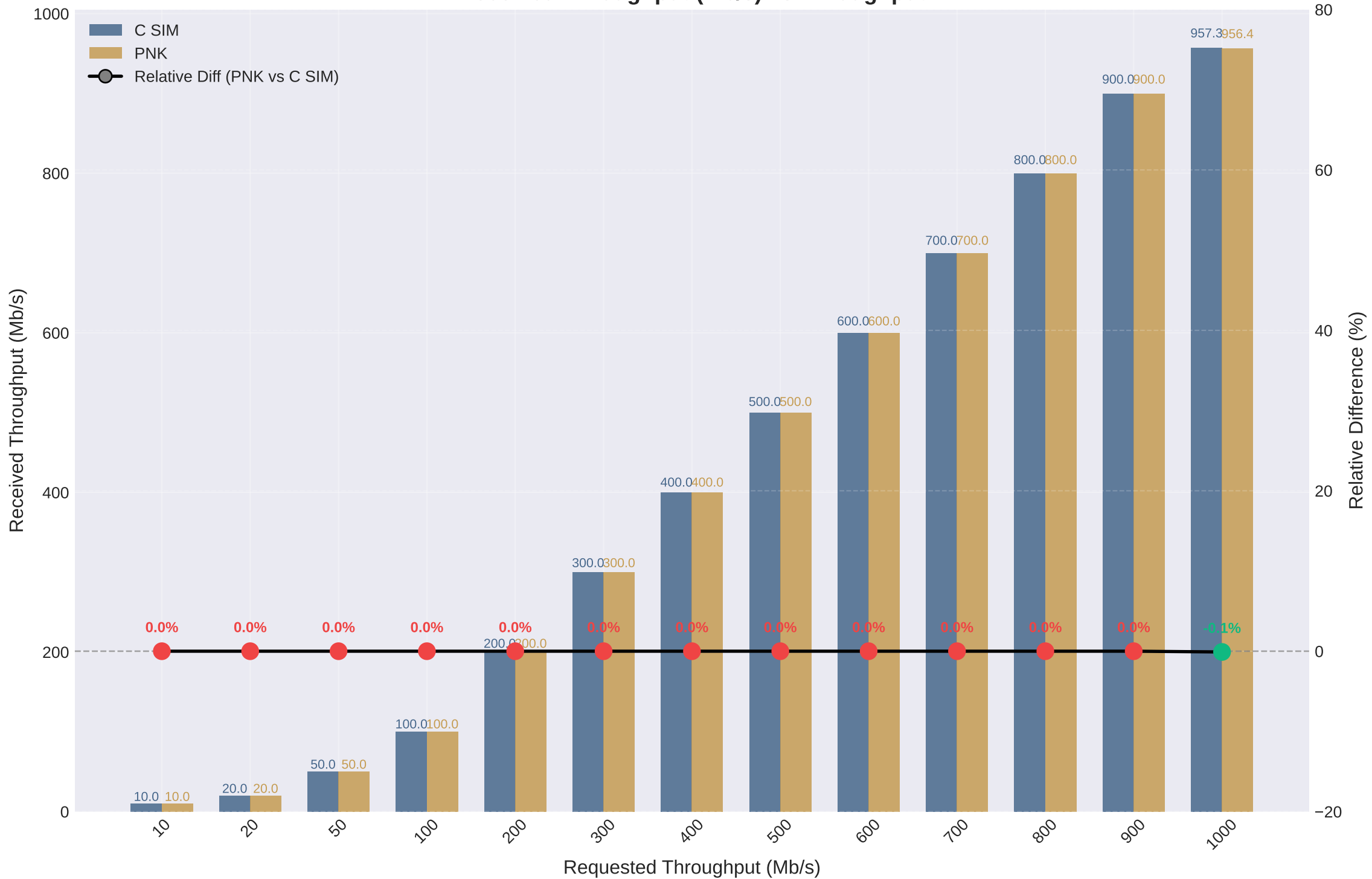
Mean Round-Trip Time (μs) vs Throughput



Packet Rate (packets/s) vs Throughput



Received Throughput (Mb/s) vs Throughput



Sent Throughput (Mb/s) vs Throughput

