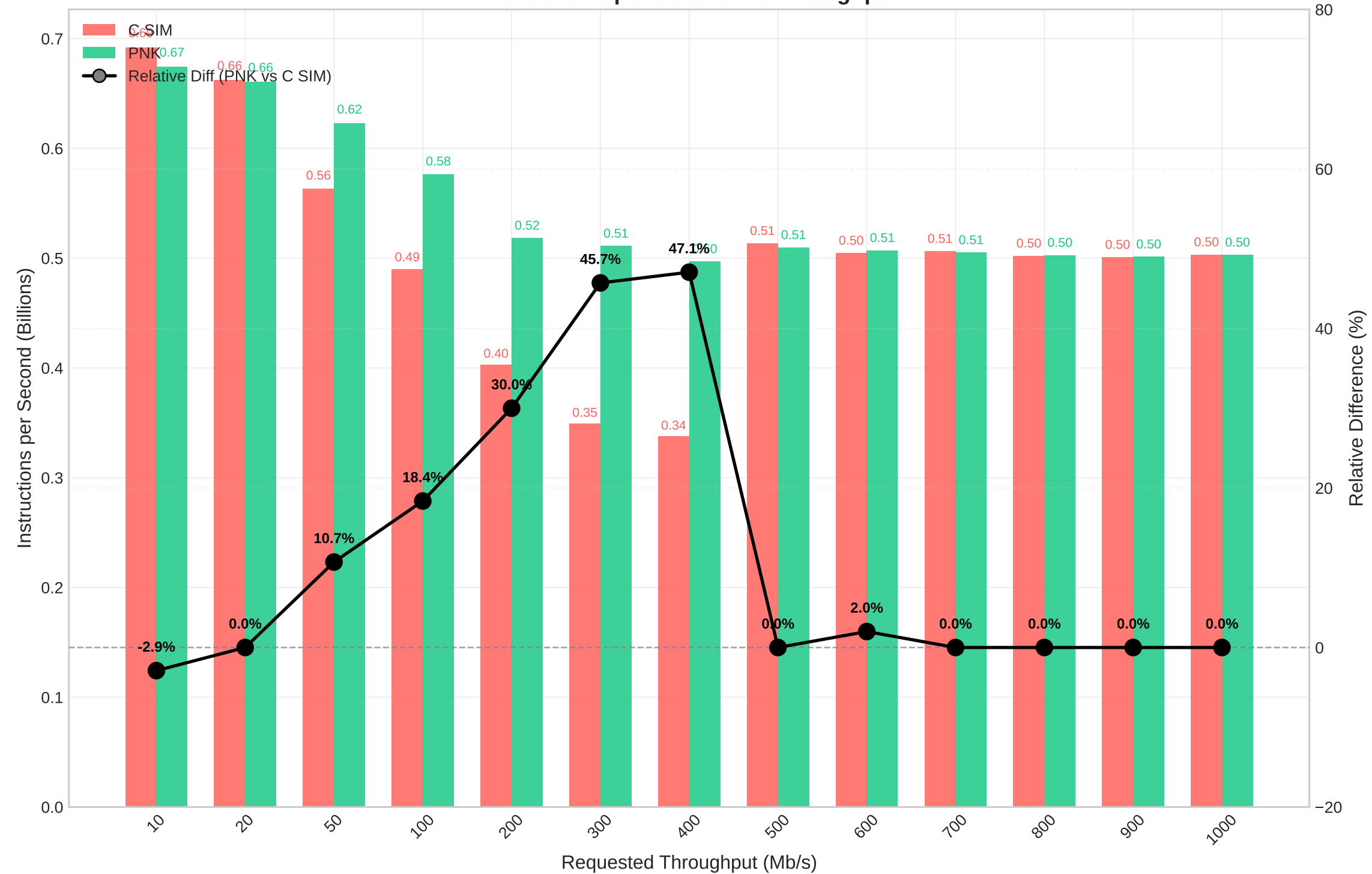


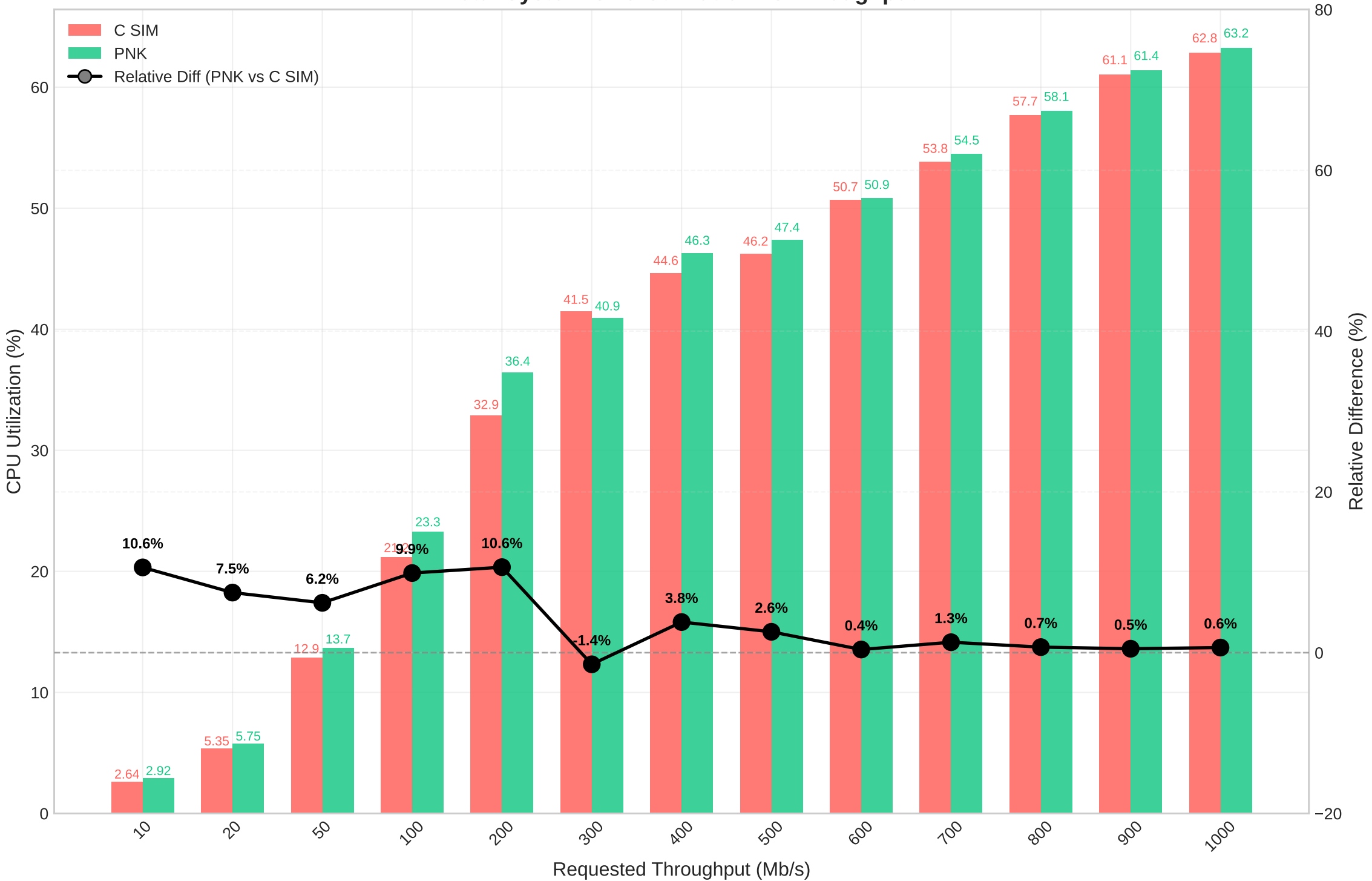
# Instructions per Second vs Throughput



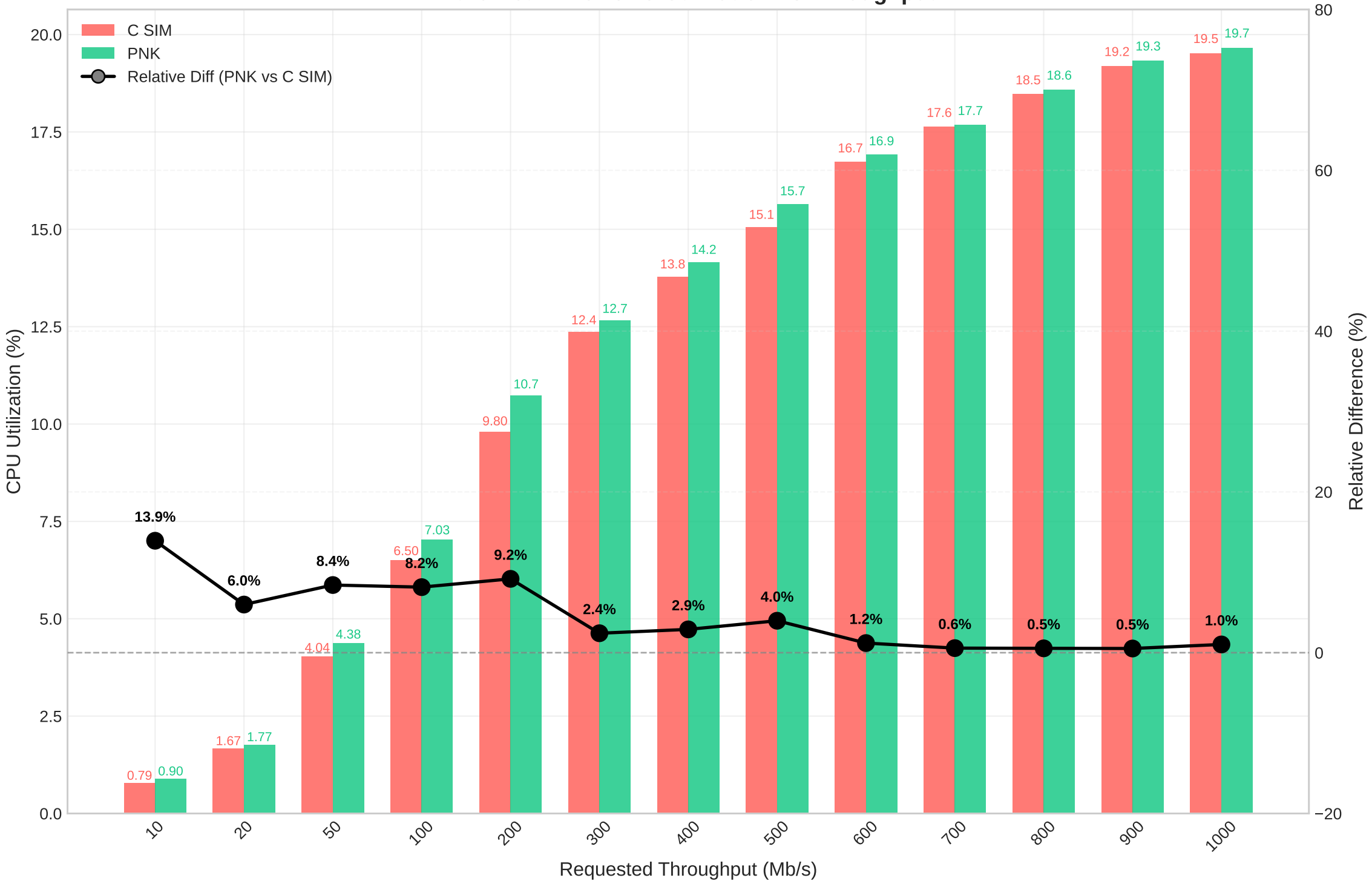
# Received Throughput vs Requested with CPU Utilization Overlay



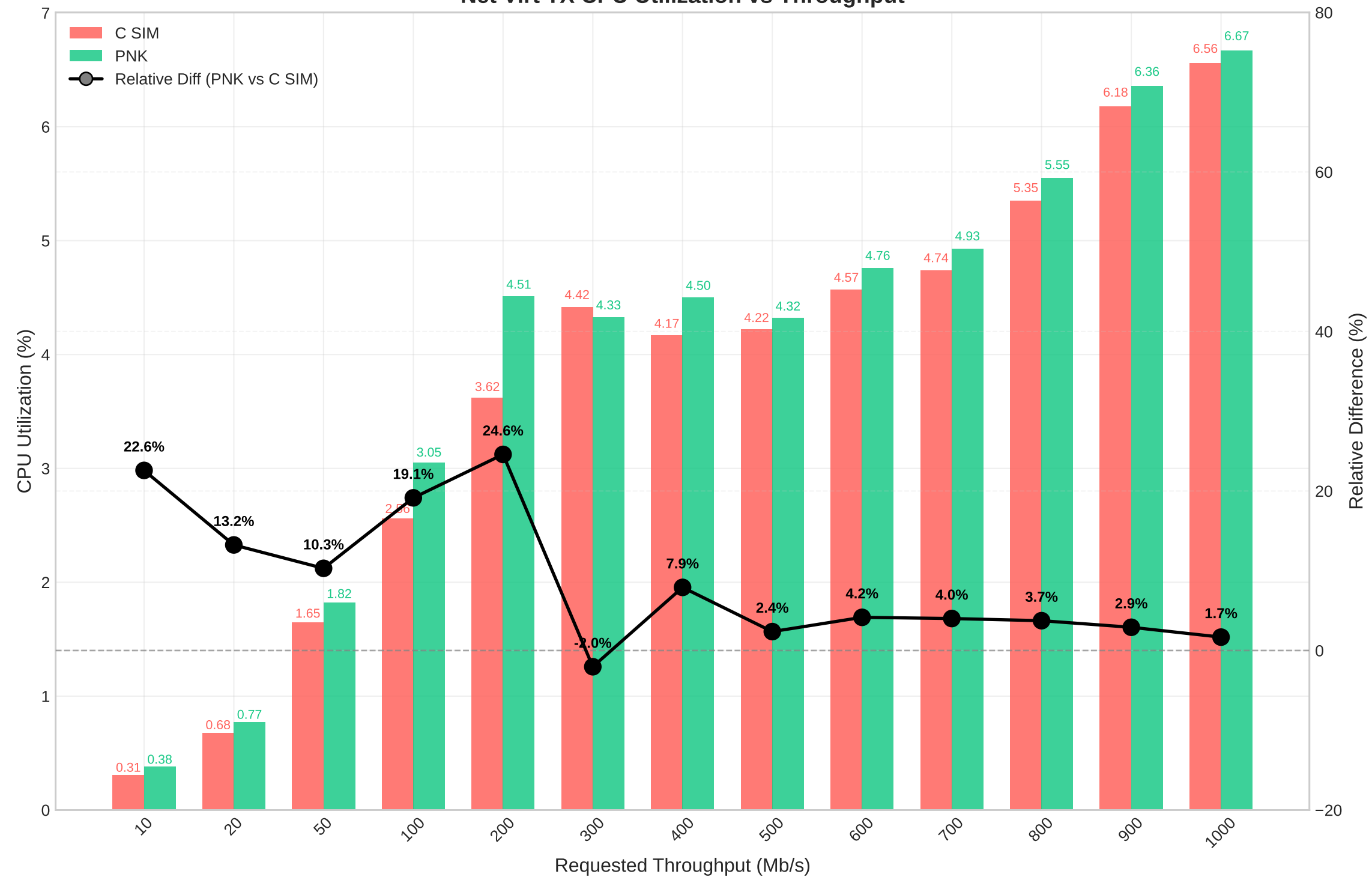
# Total System CPU Utilization vs Throughput



# Ethernet Driver CPU Utilization vs Throughput



# Net Virt TX CPU Utilization vs Throughput

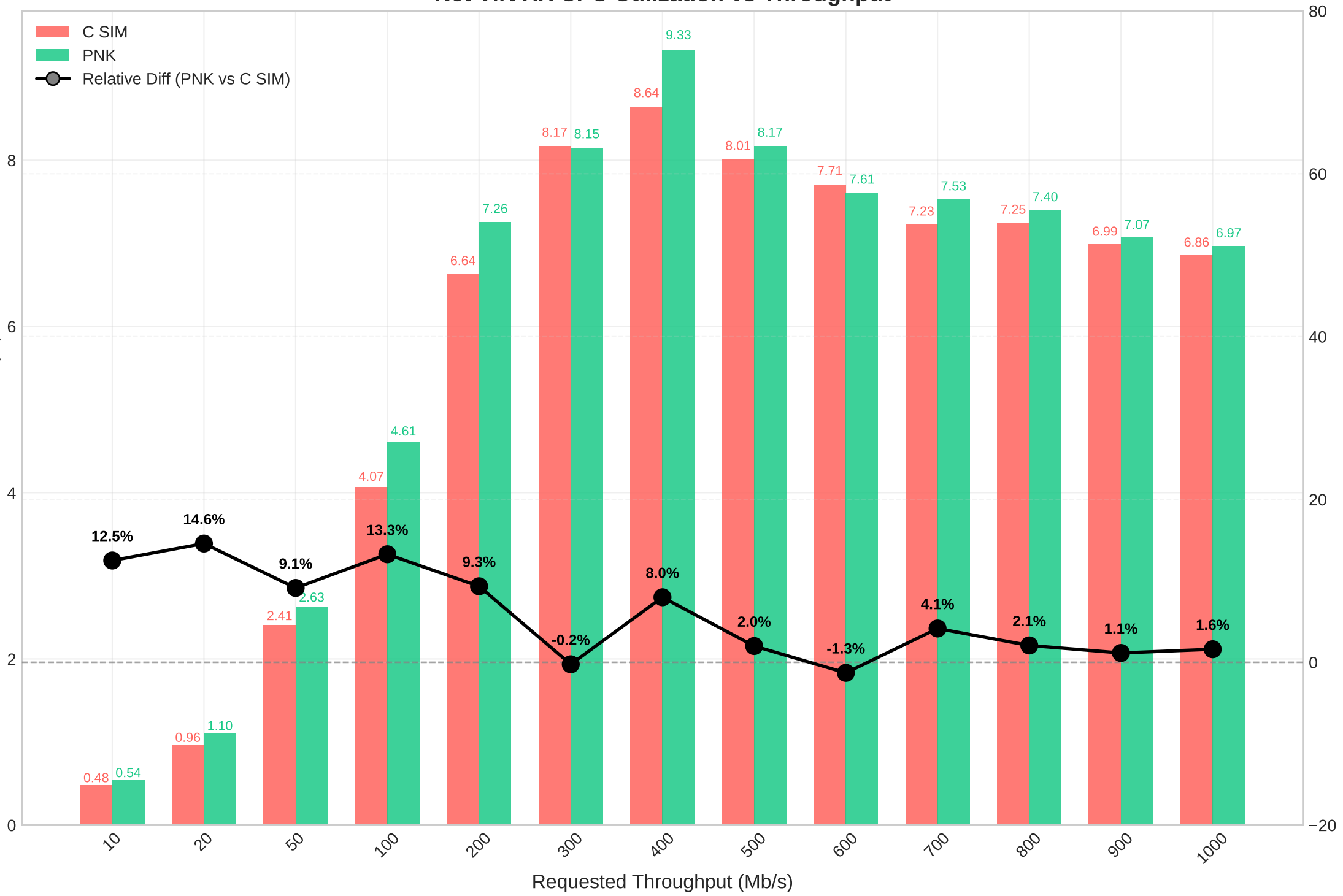


# Net Virt RX CPU Utilization vs Throughput

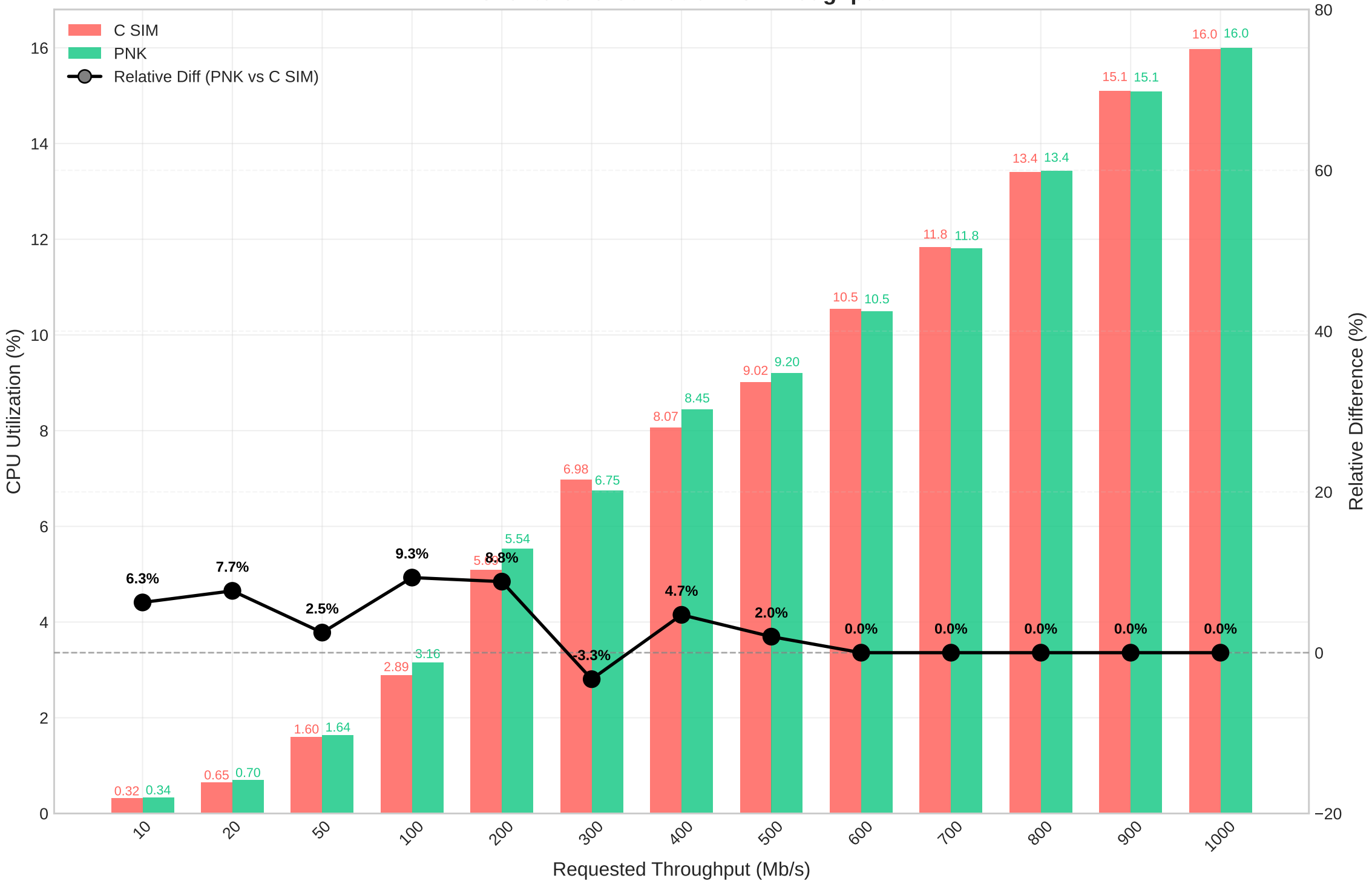
- C SIM
- PNK
- Relative Diff (PNK vs C SIM)

CPU Utilization (%)

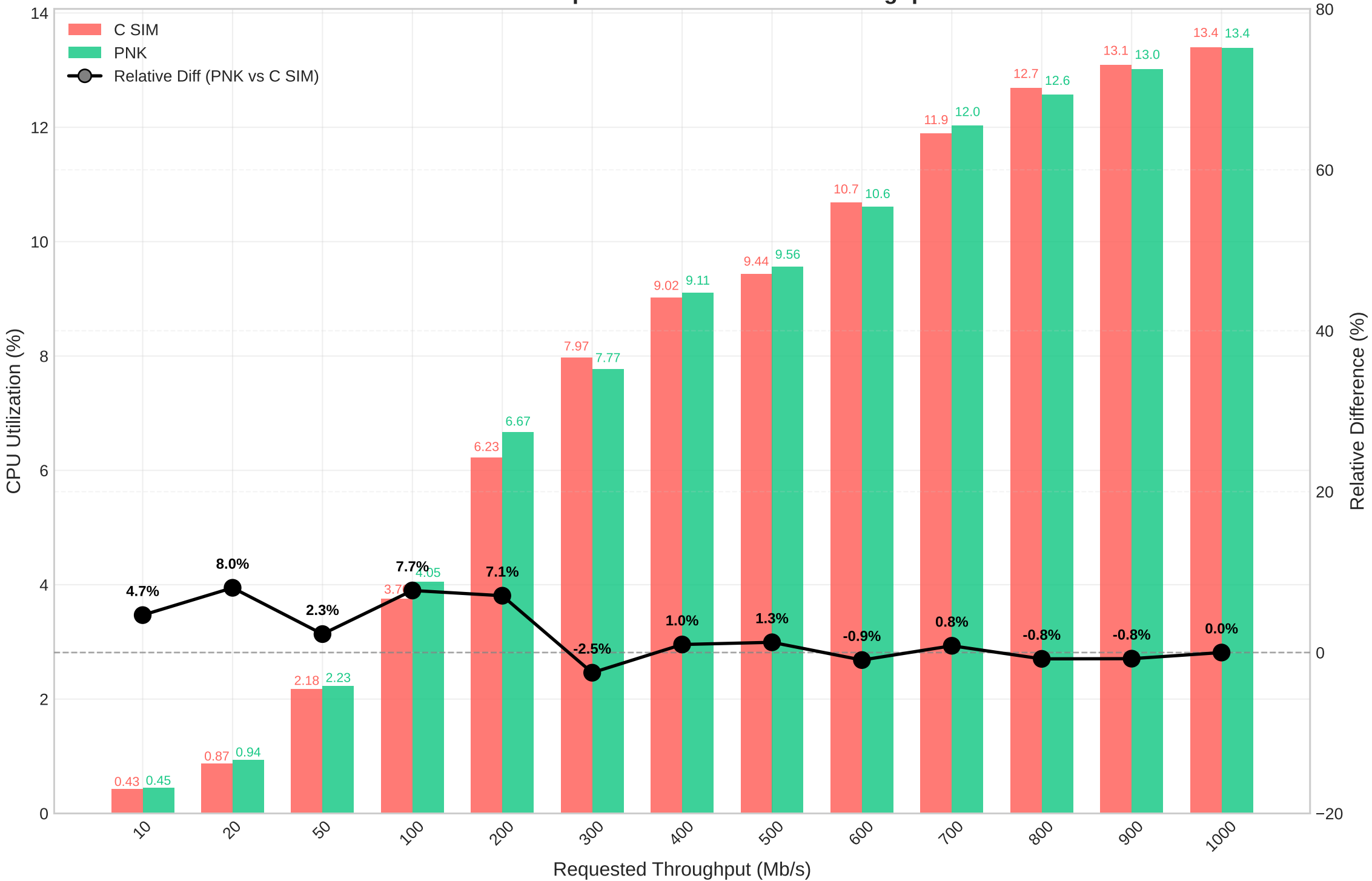
Relative Difference (%)



# Client0 CPU Utilization vs Throughput

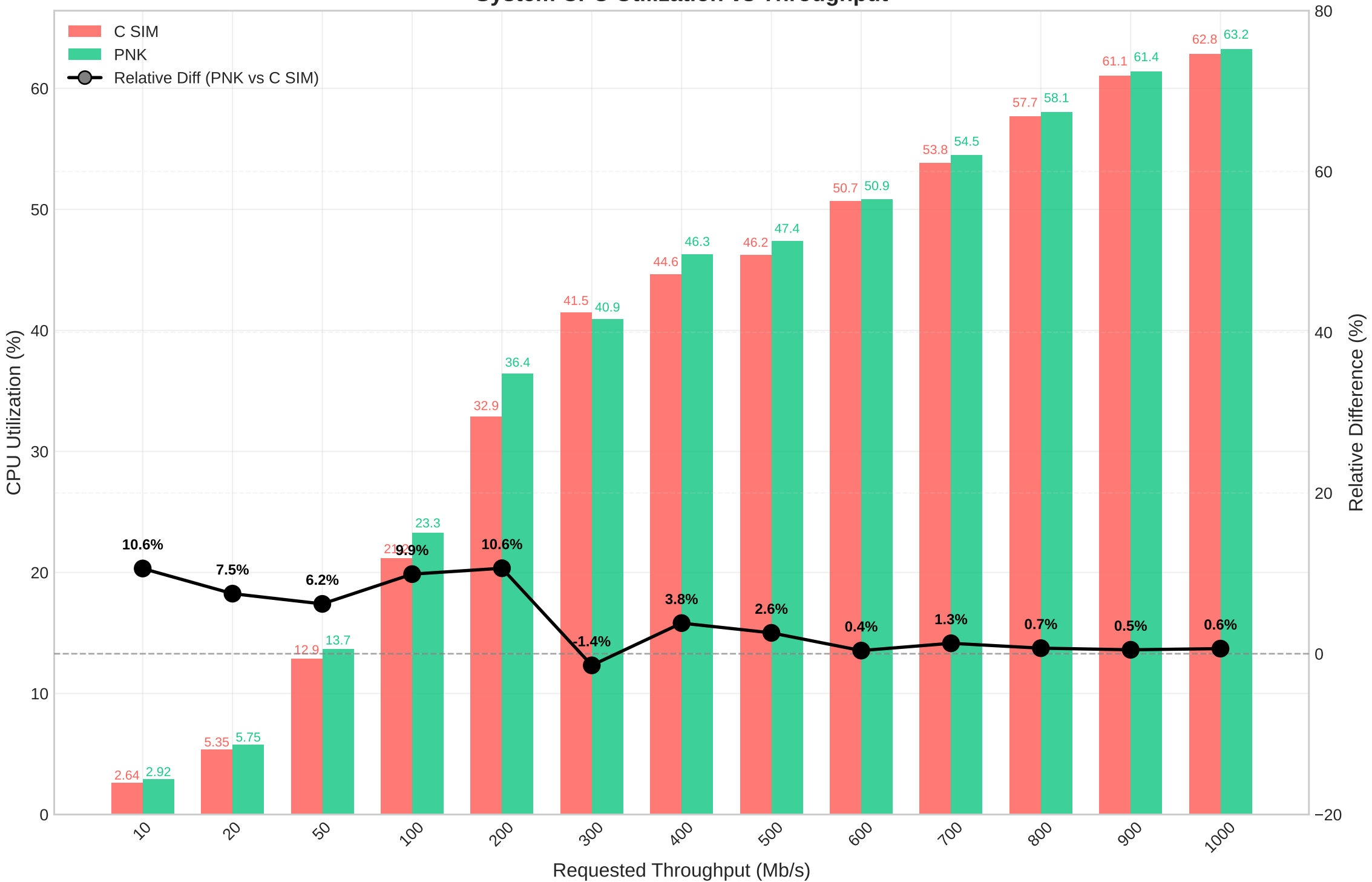


# Client0 Net Copier CPU Utilization vs Throughput

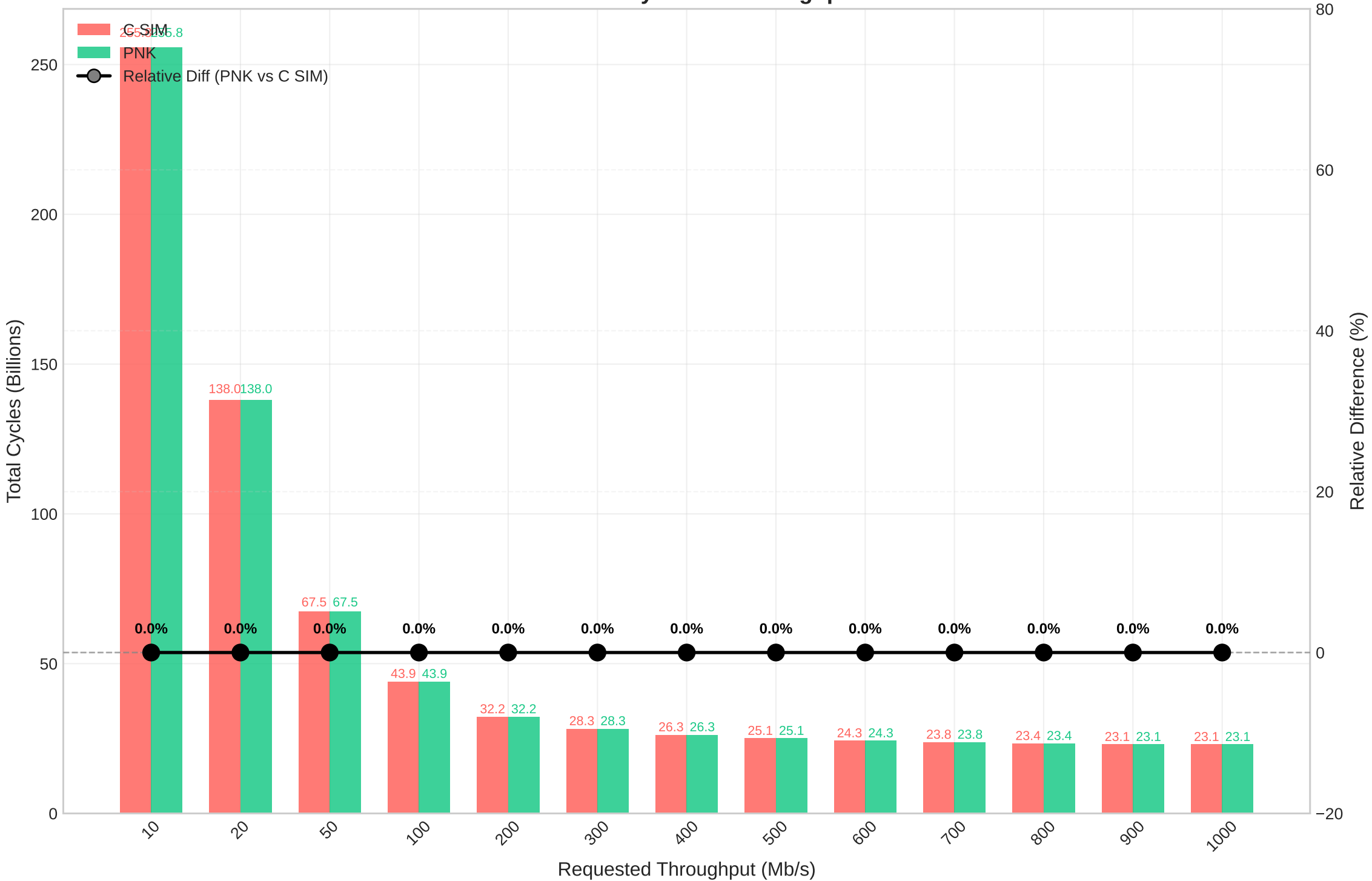




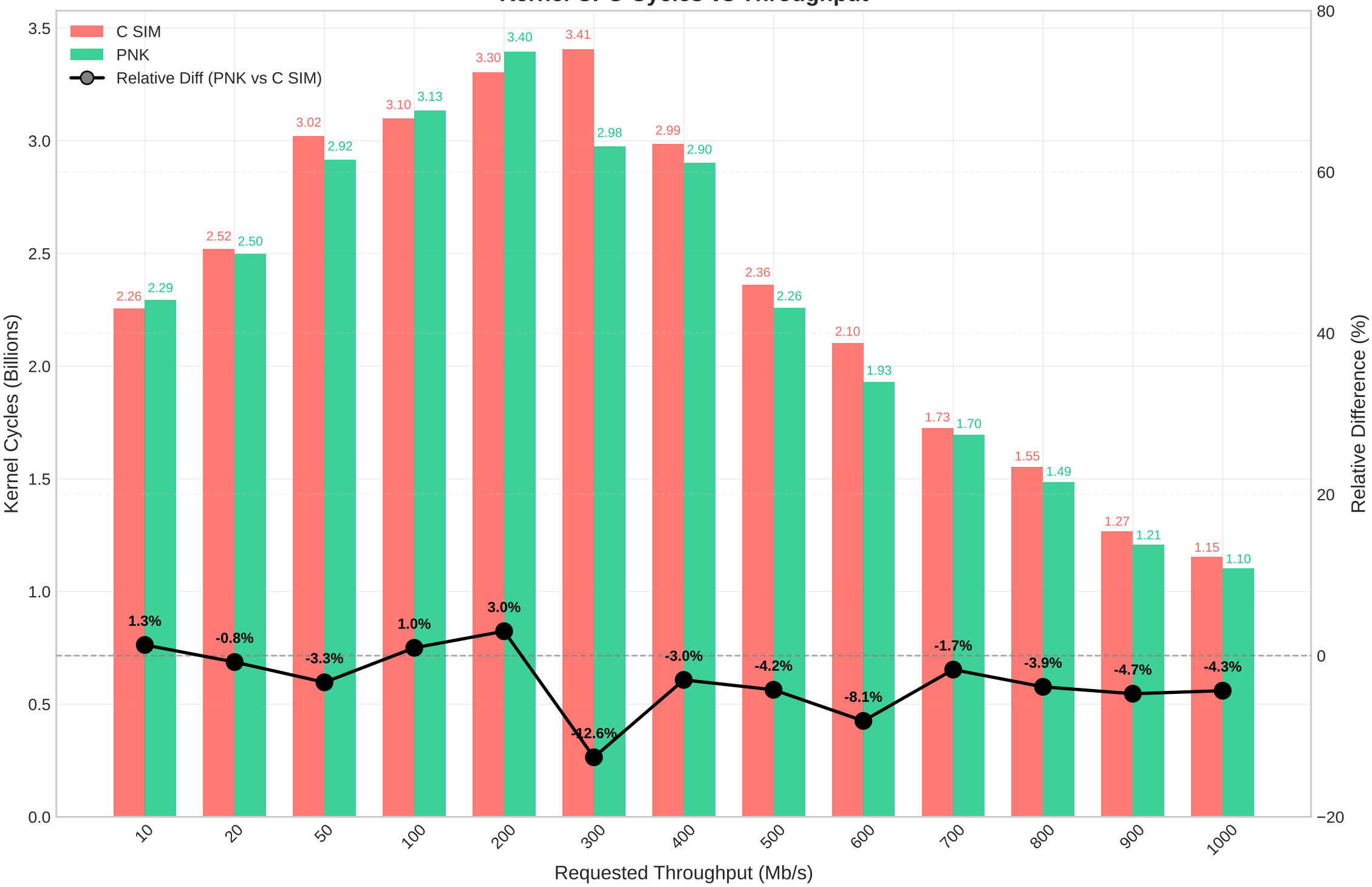
# System CPU Utilization vs Throughput



# Total CPU Cycles vs Throughput



# Kernel CPU Cycles vs Throughput



# User CPU Cycles vs Throughput

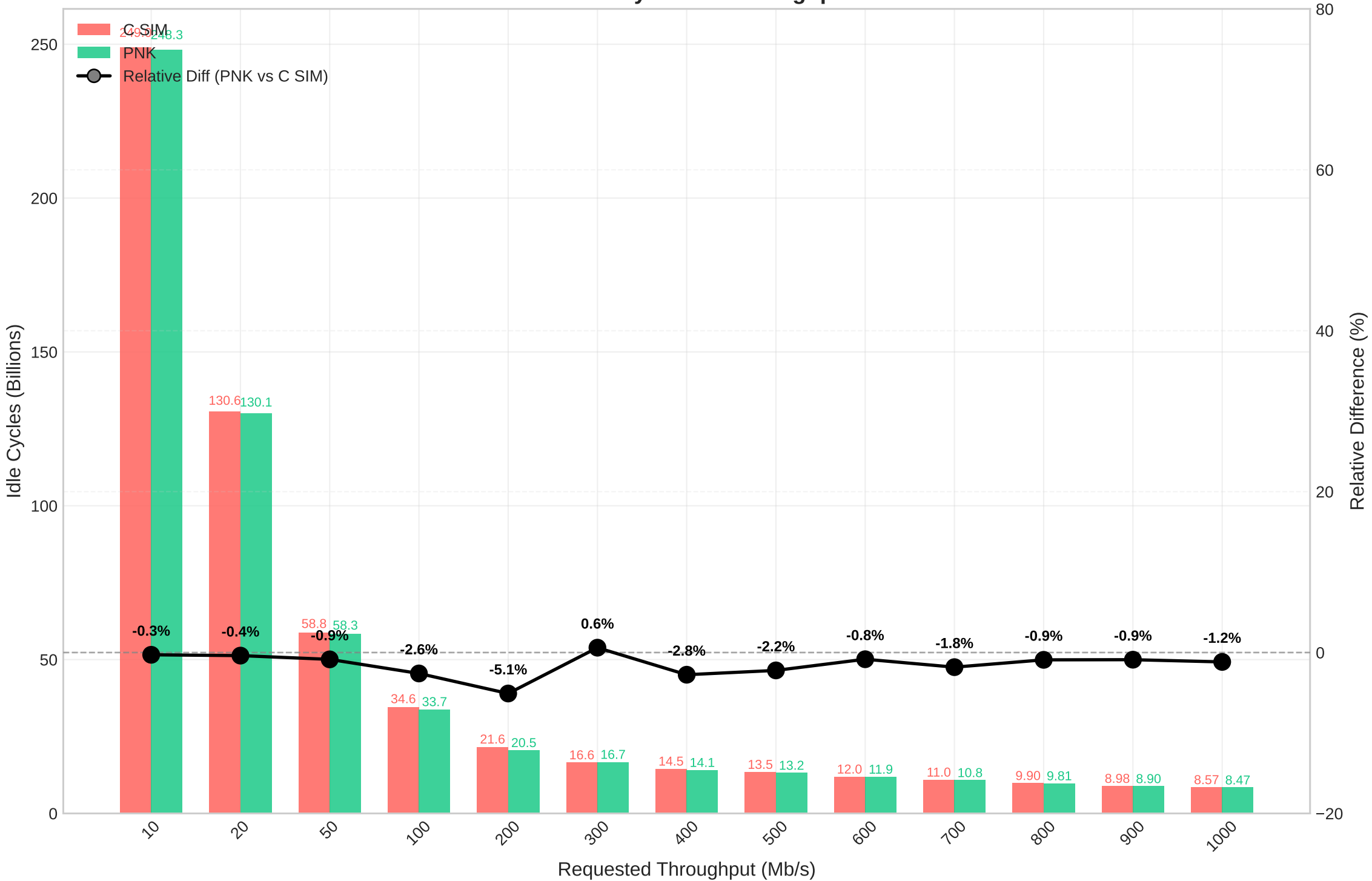
User Cycles (Billions)

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

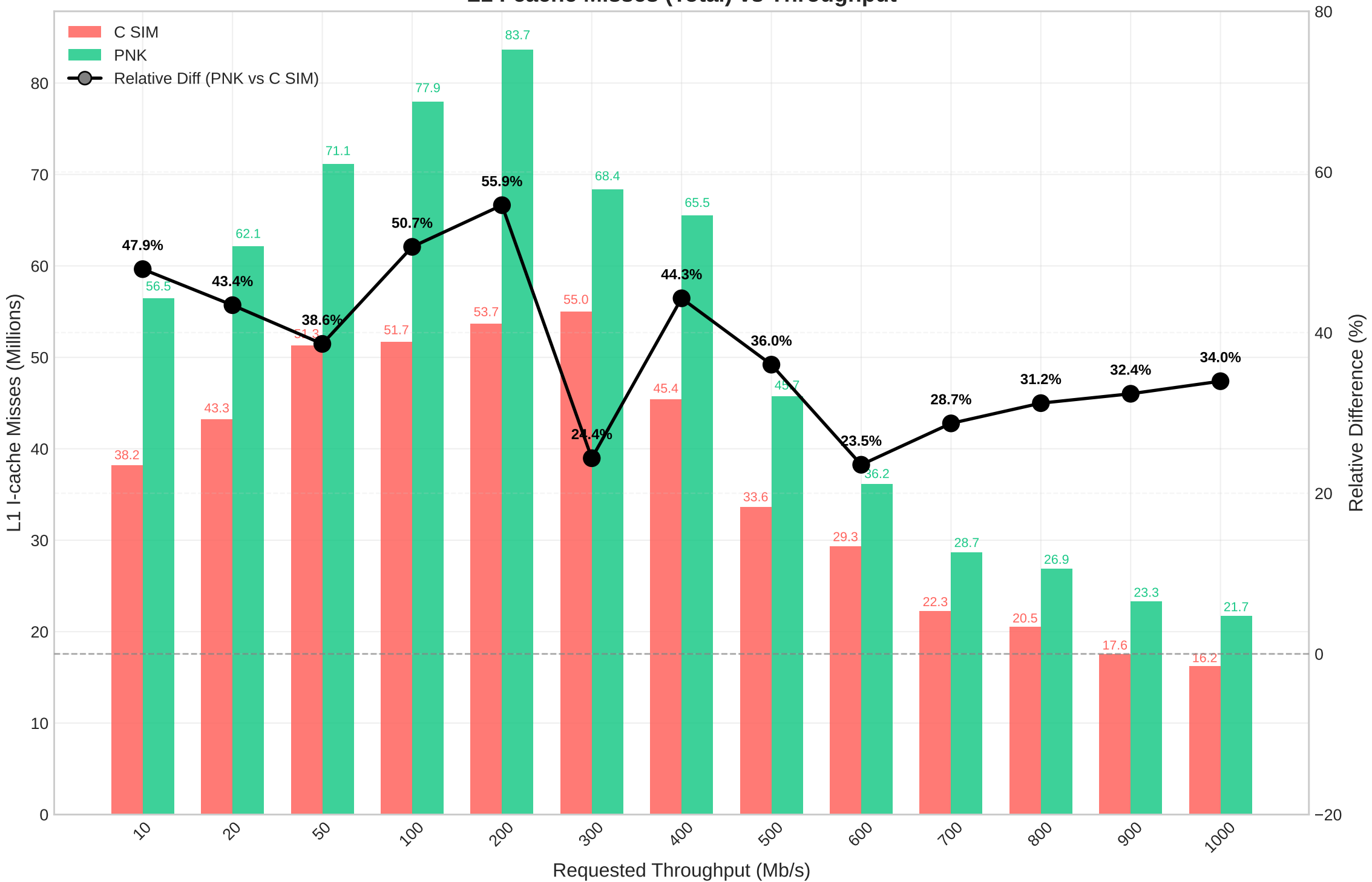
Relative Difference (%)



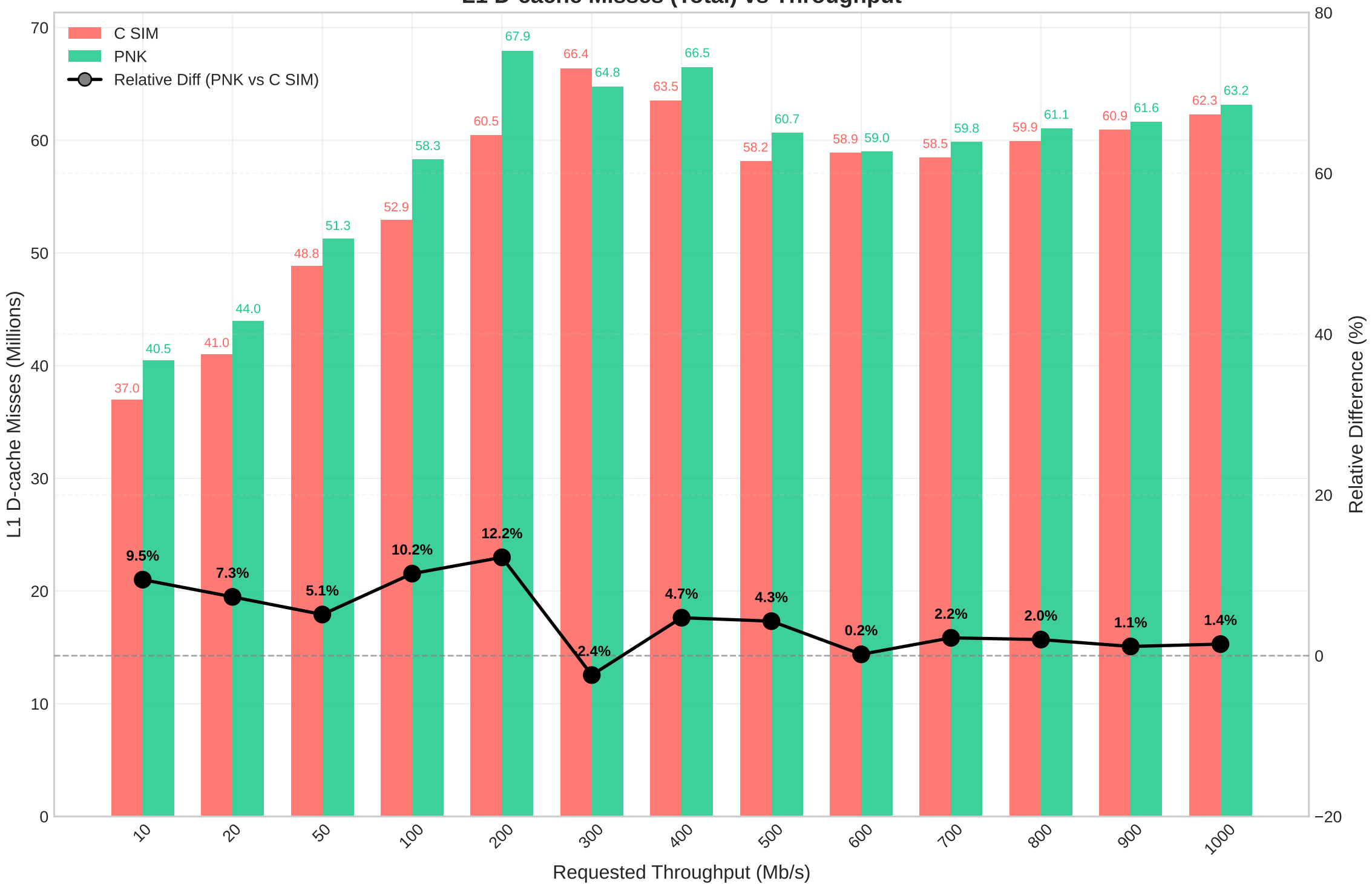
# Idle CPU Cycles vs Throughput



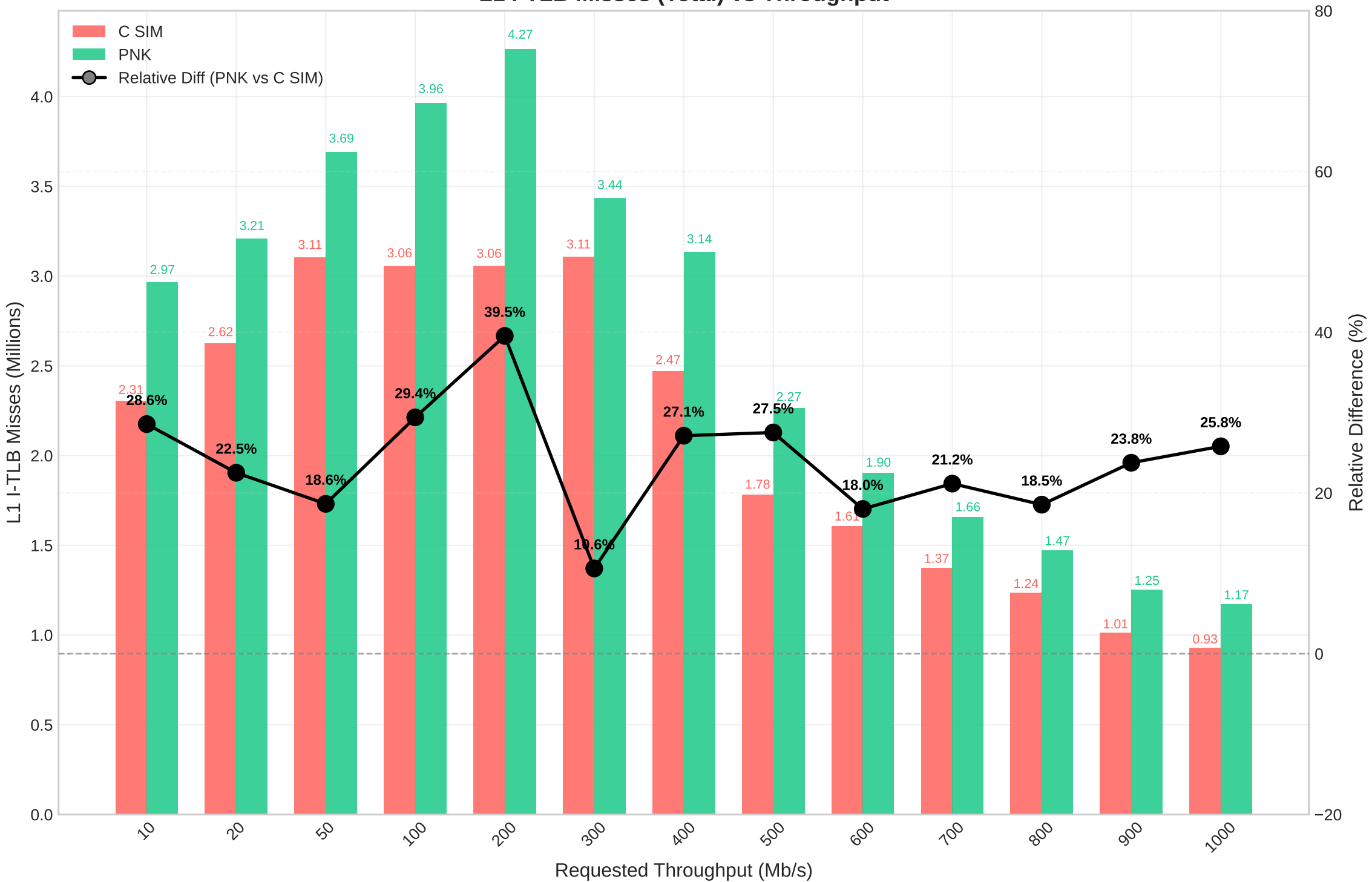
# L1 I-cache Misses (Total) vs Throughput



# L1 D-cache Misses (Total) vs Throughput

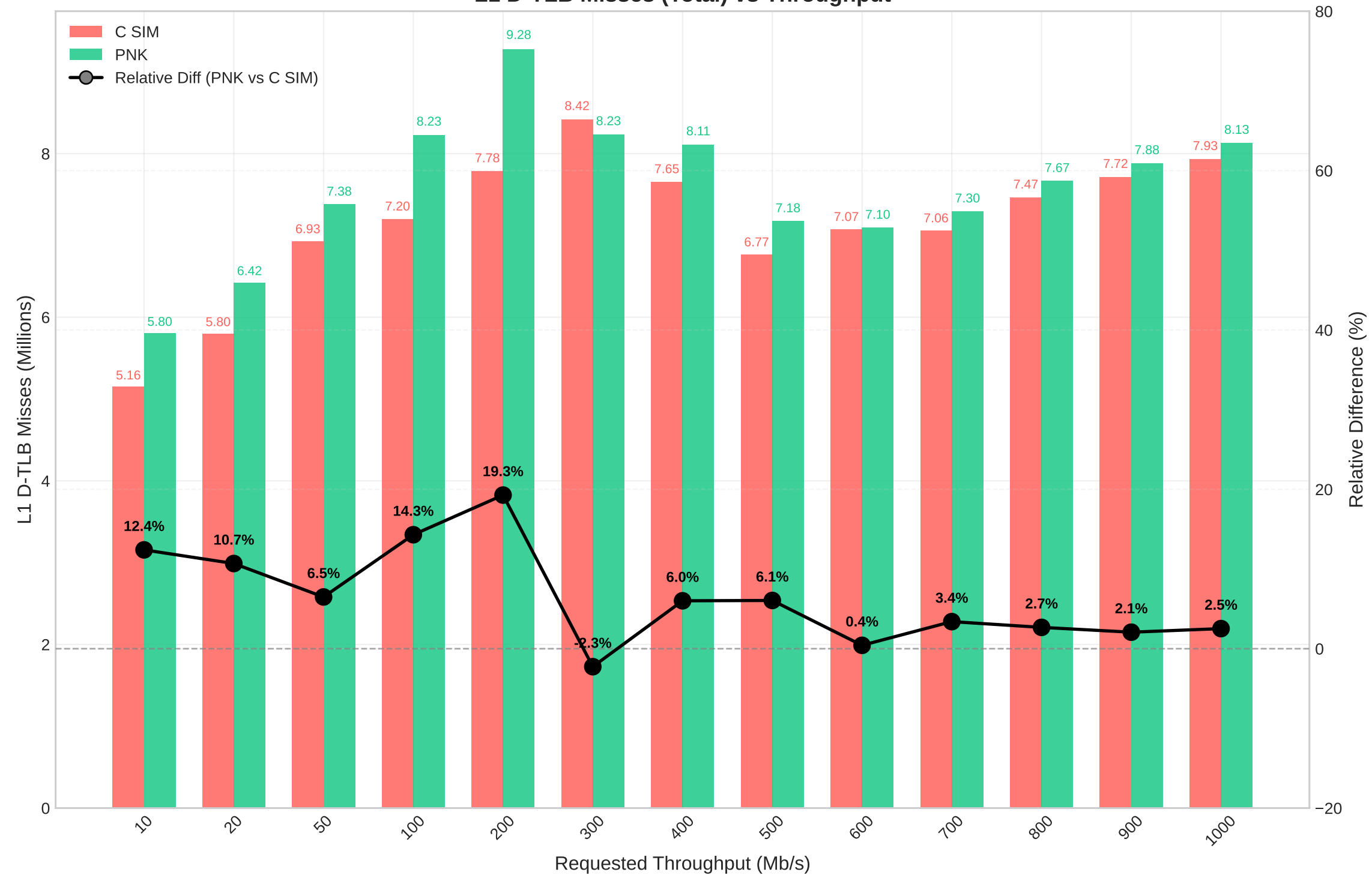


# L1 I-TLB Misses (Total) vs Throughput

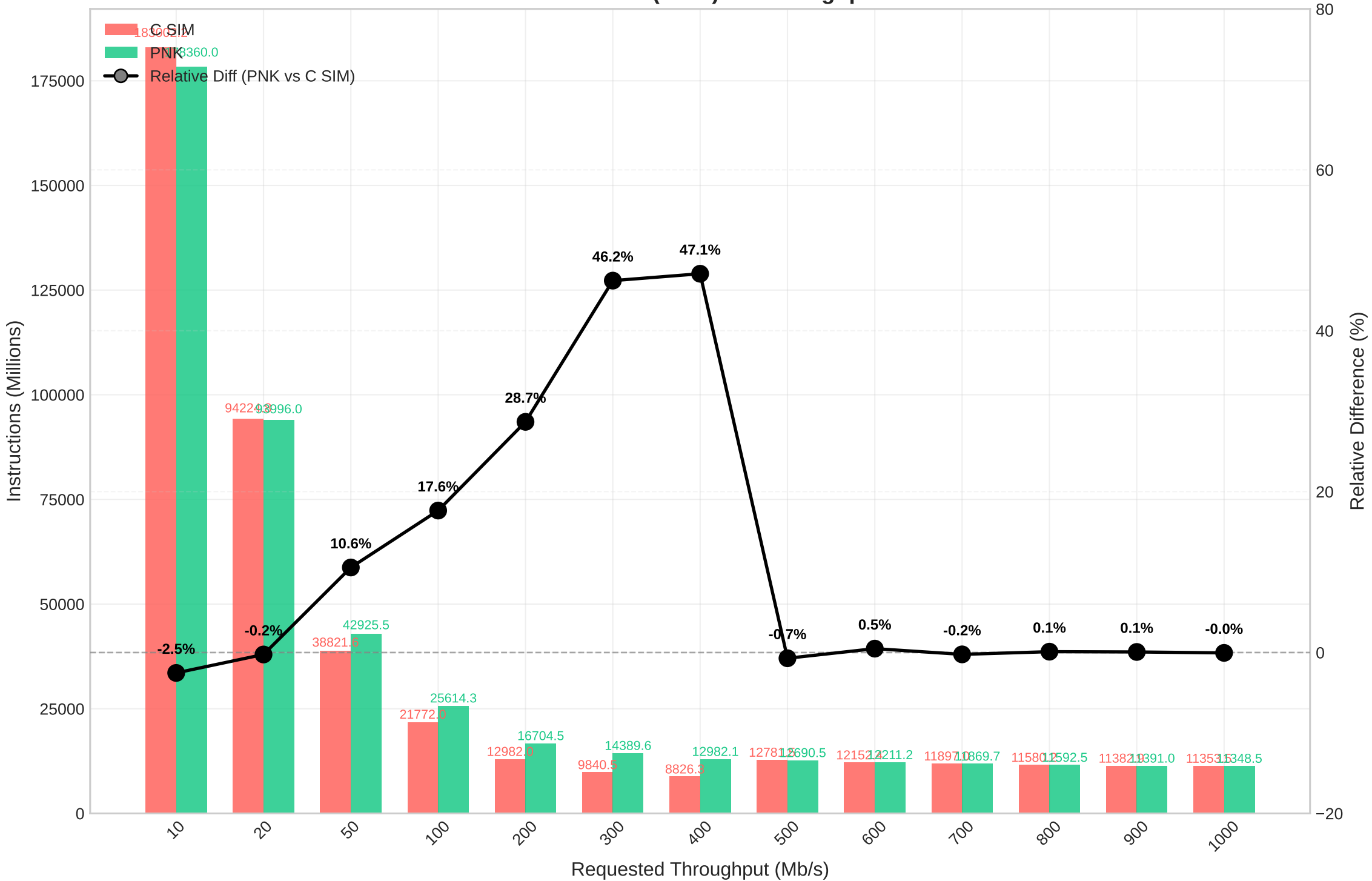




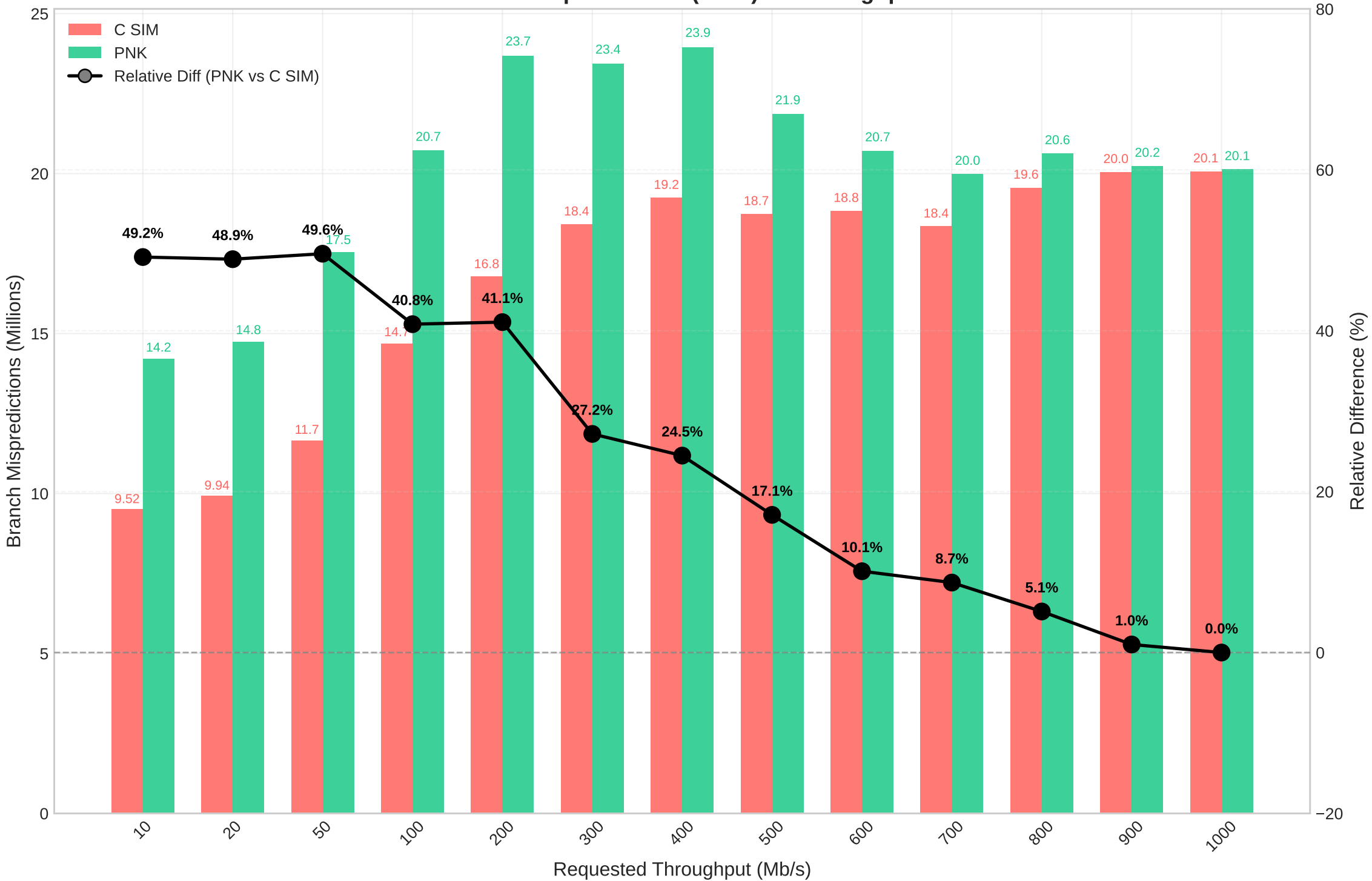
# L1 D-TLB Misses (Total) vs Throughput



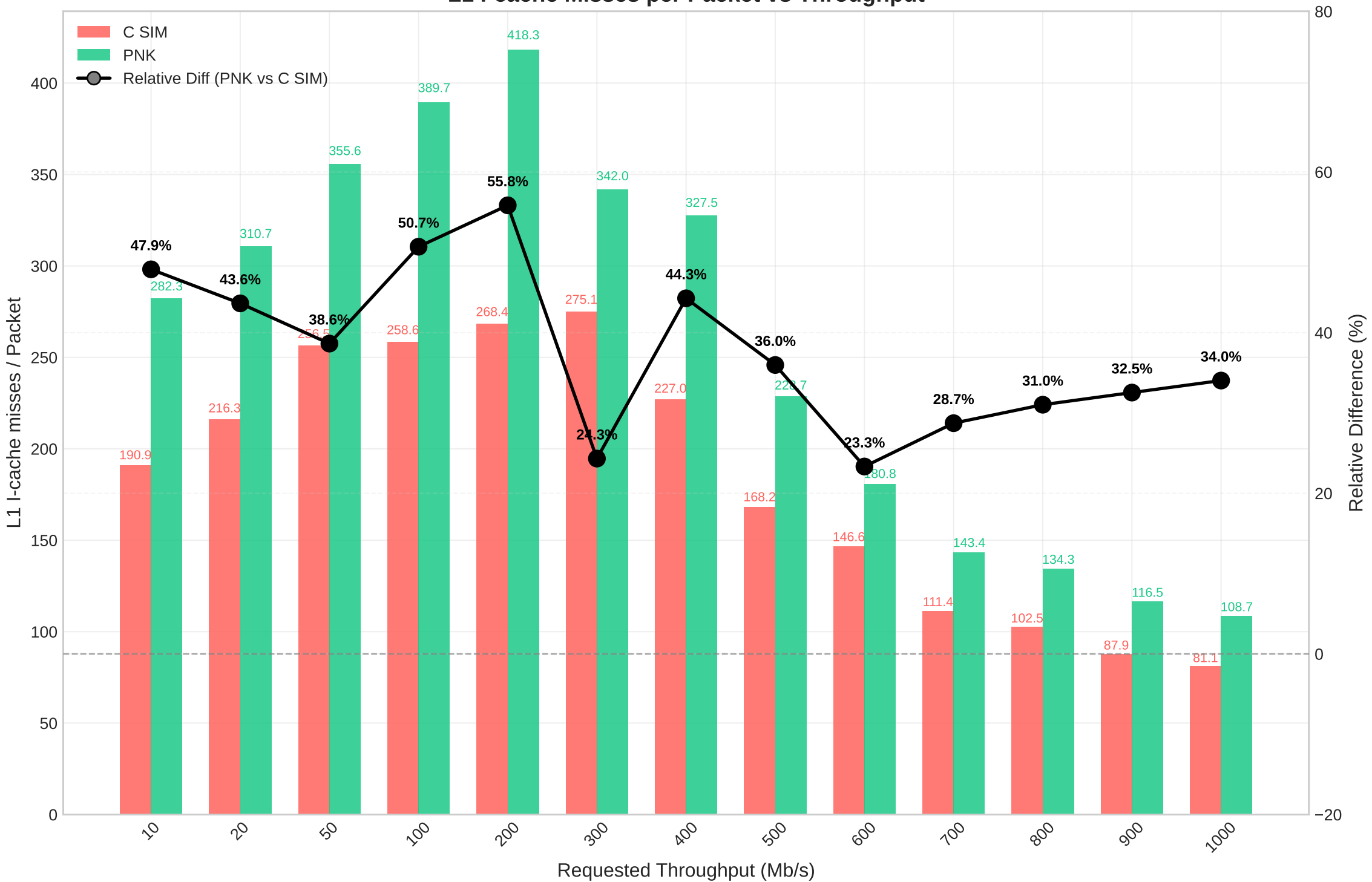
# Instructions (Total) vs Throughput



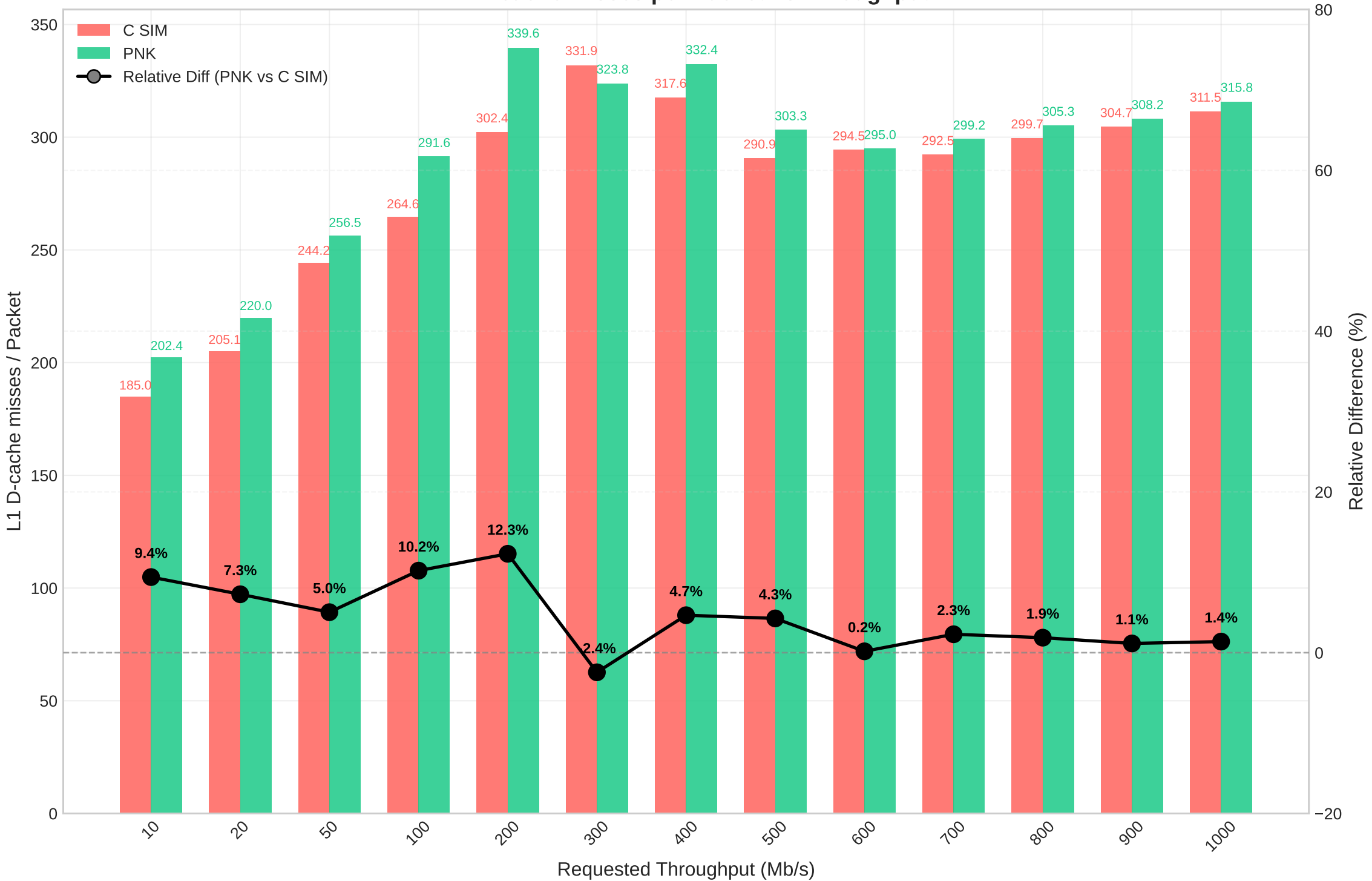
# Branch Mispredictions (Total) vs Throughput



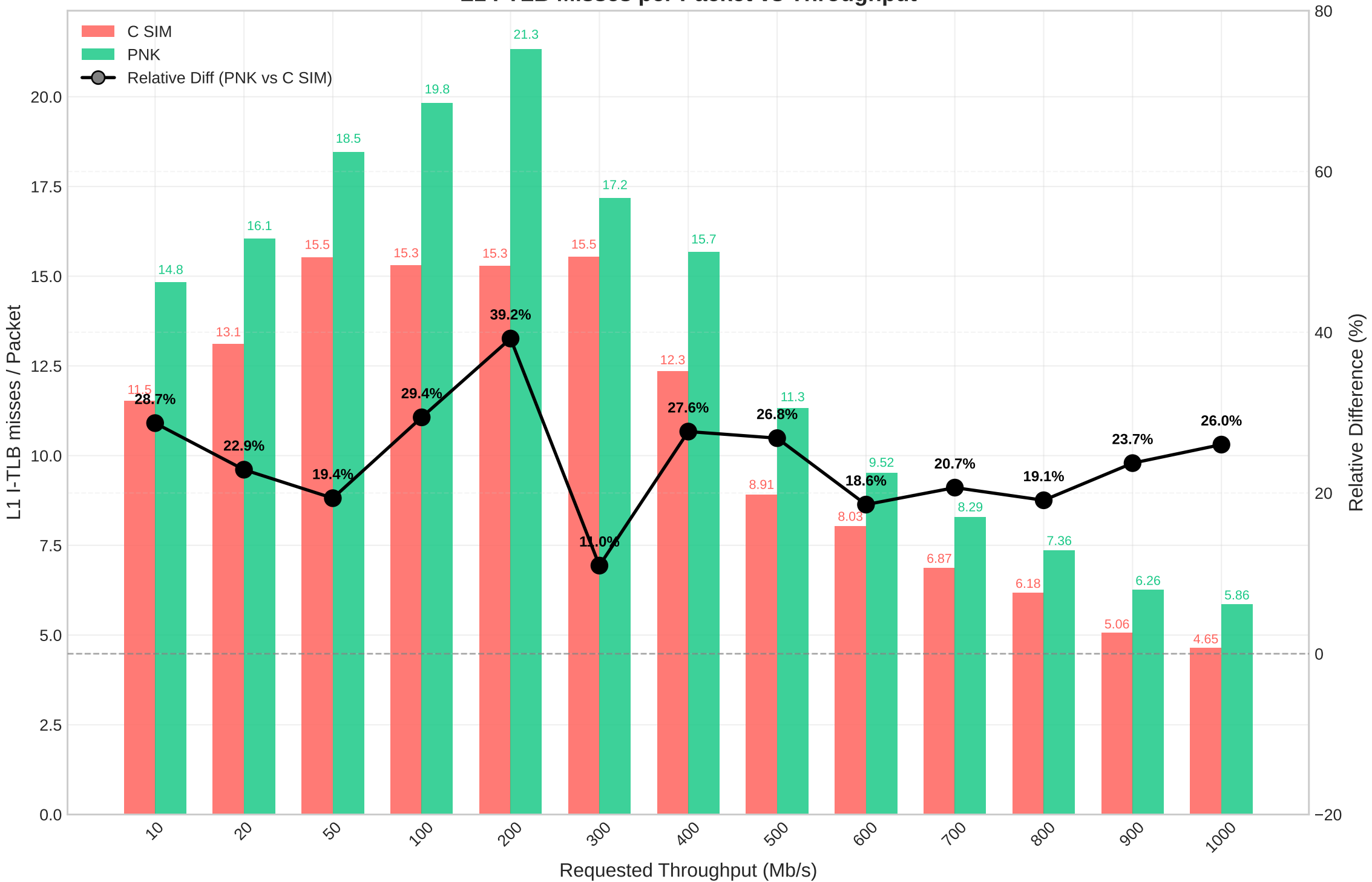
# L1 I-cache Misses per Packet vs Throughput



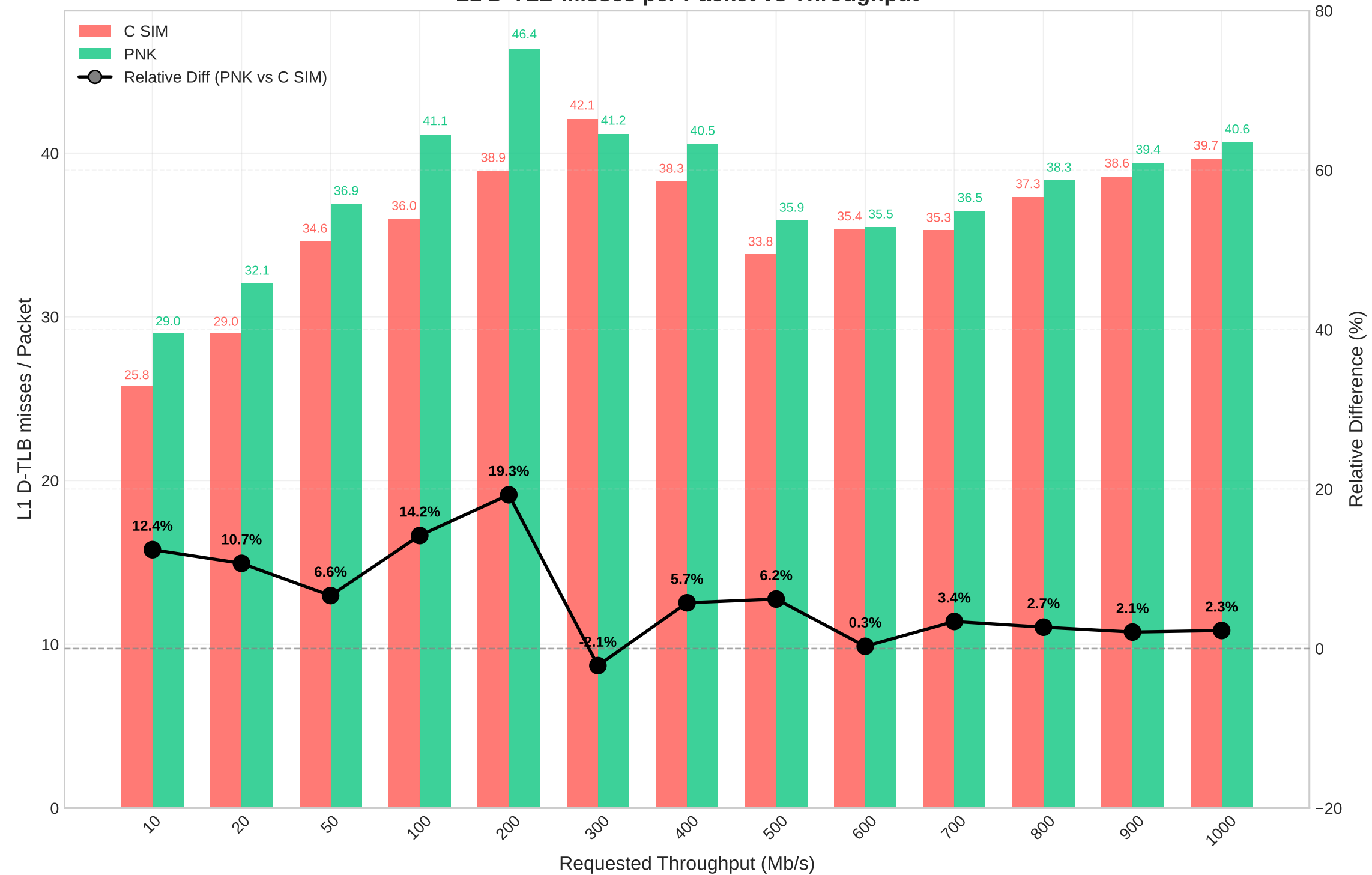
# L1 D-cache Misses per Packet vs Throughput



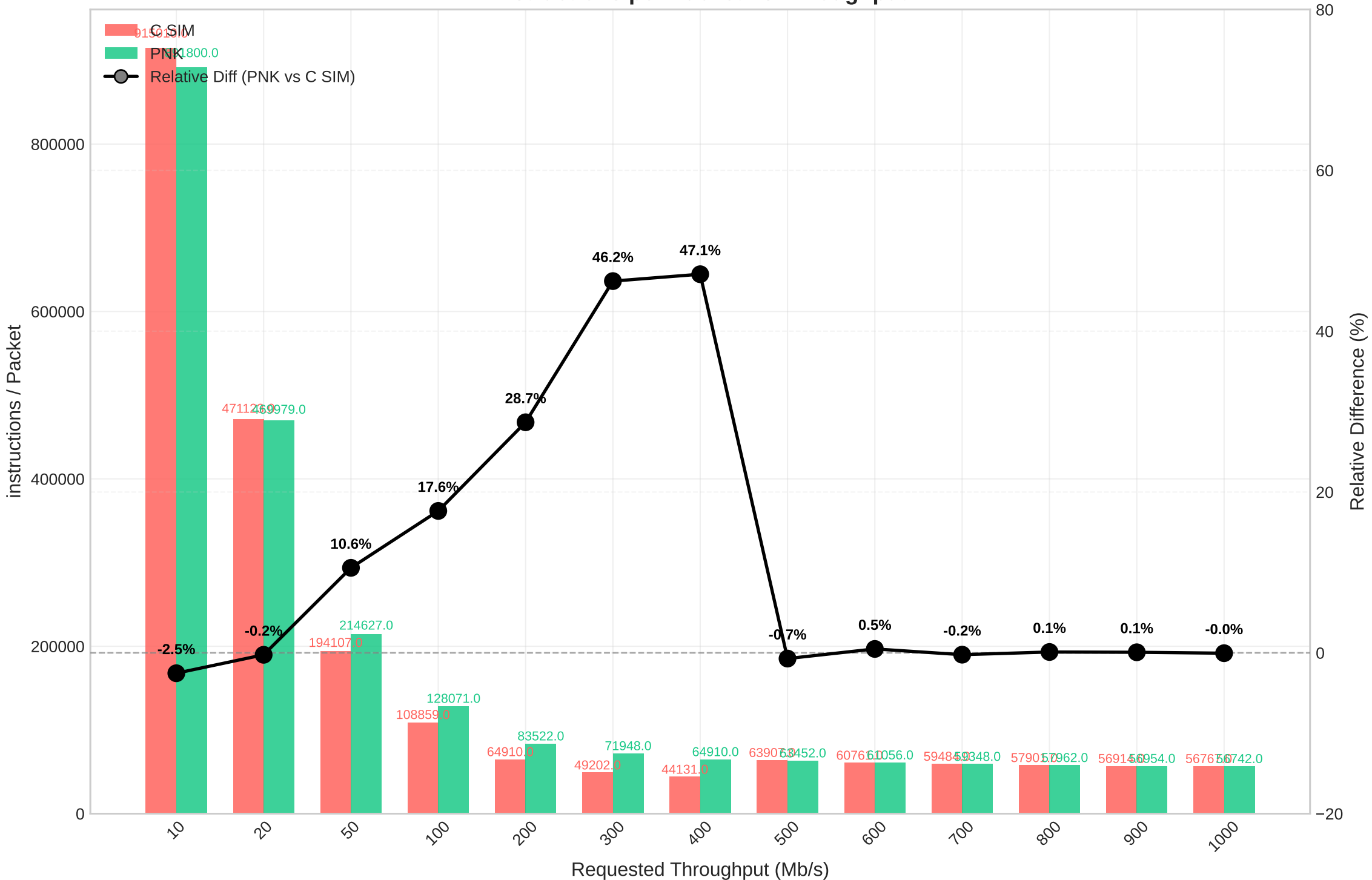
# L1 I-TLB Misses per Packet vs Throughput



# L1 D-TLB Misses per Packet vs Throughput

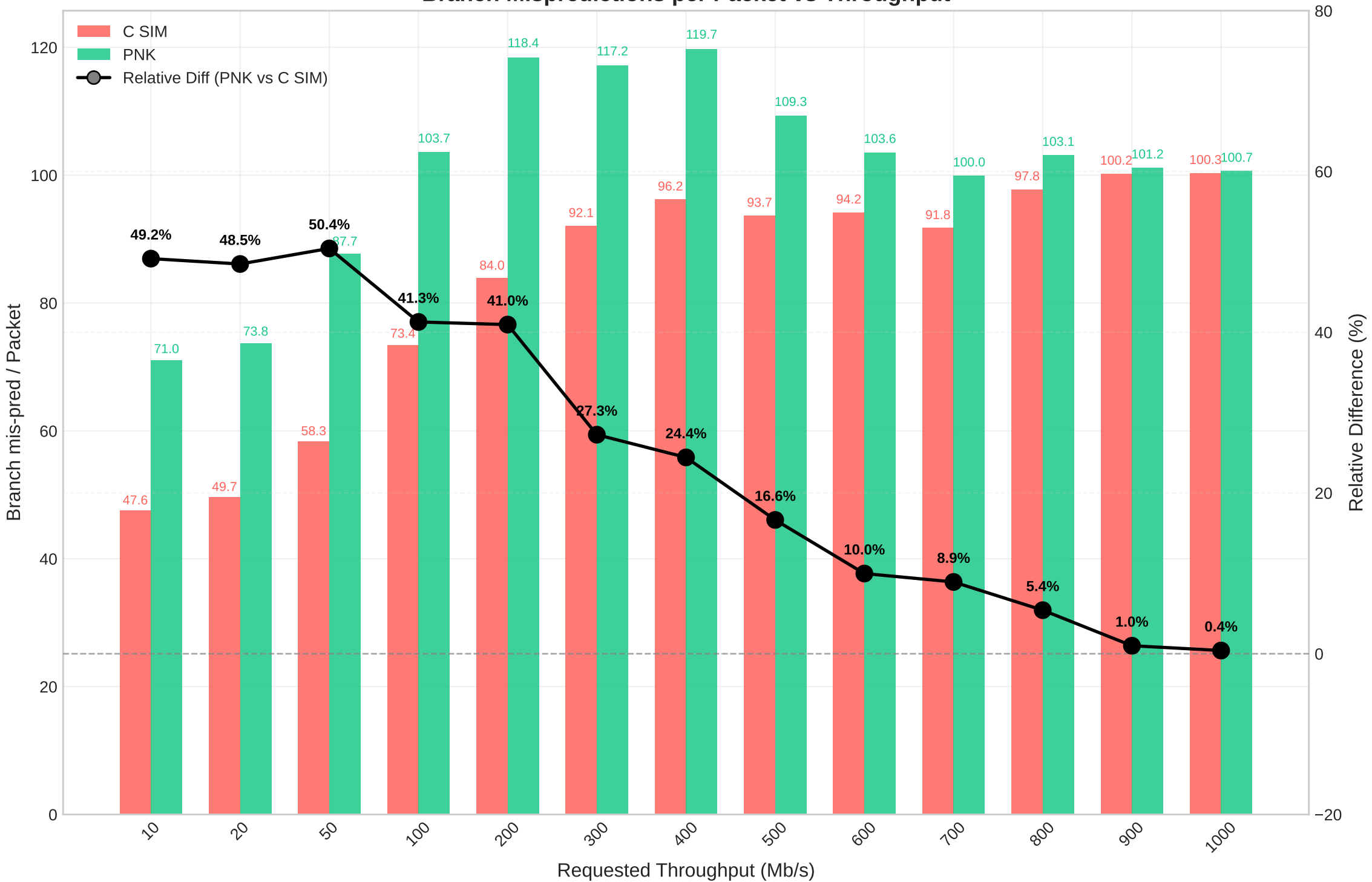


# Instructions per Packet vs Throughput

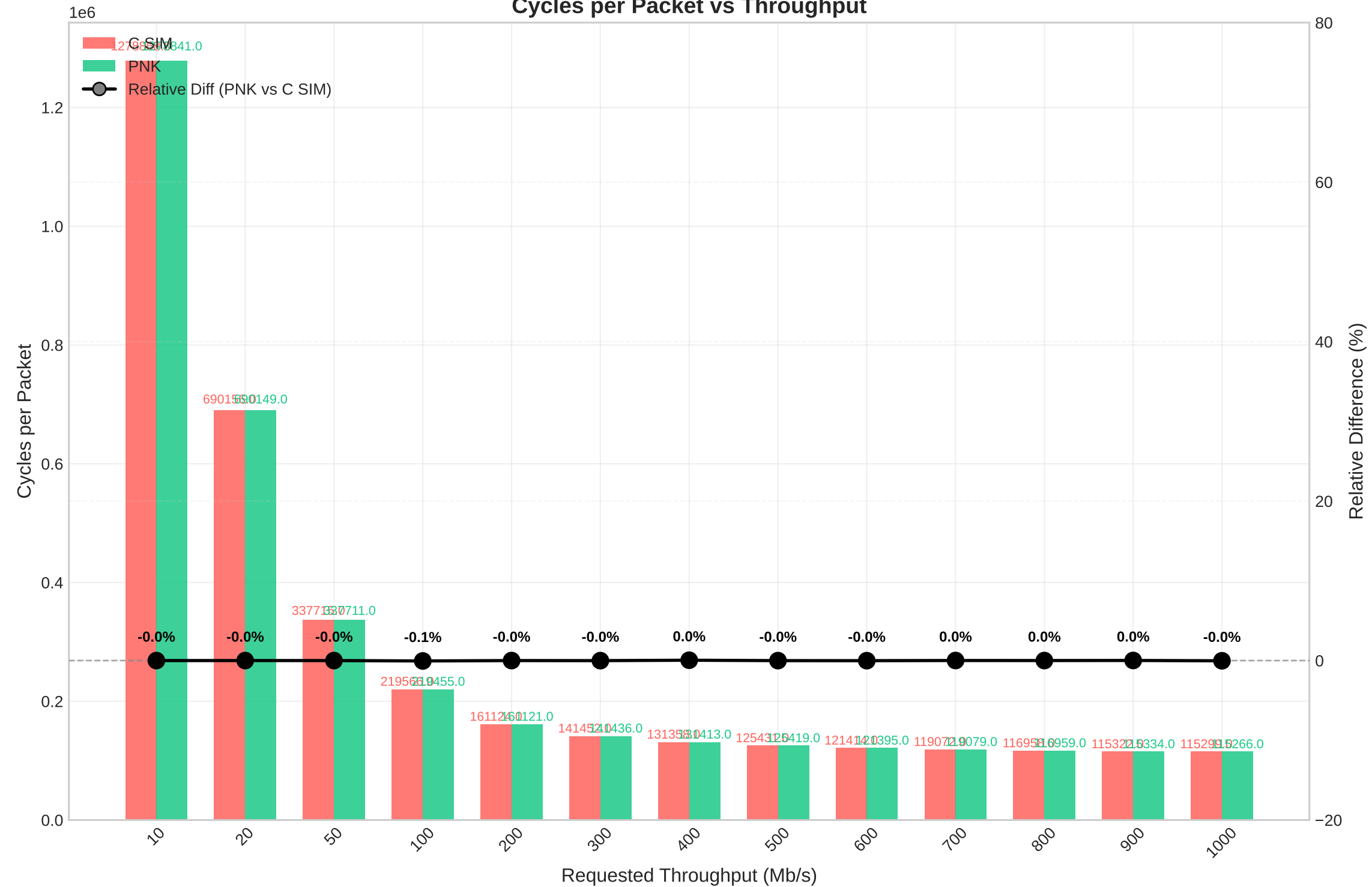




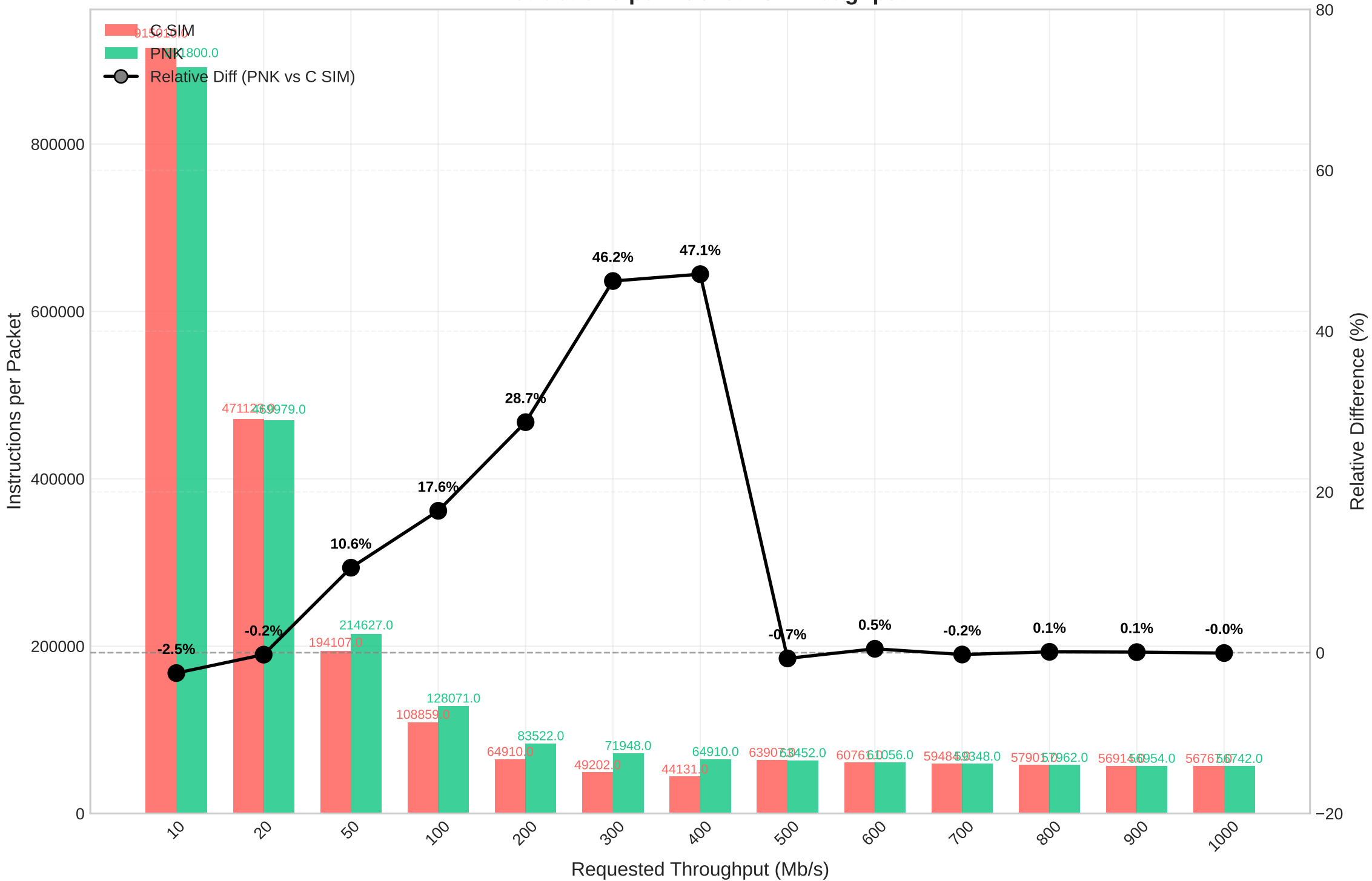
# Branch Mispredictions per Packet vs Throughput



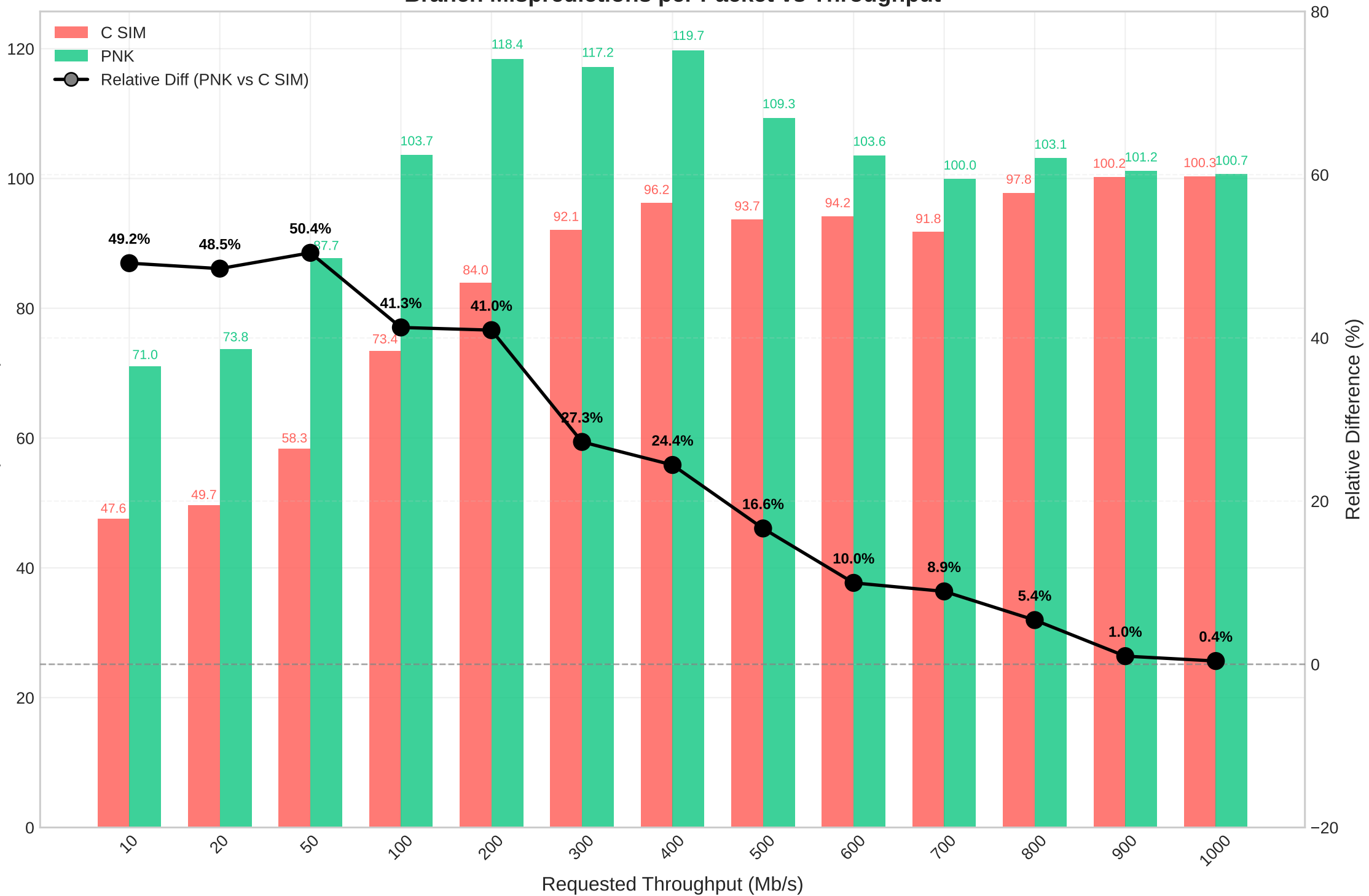
# Cycles per Packet vs Throughput



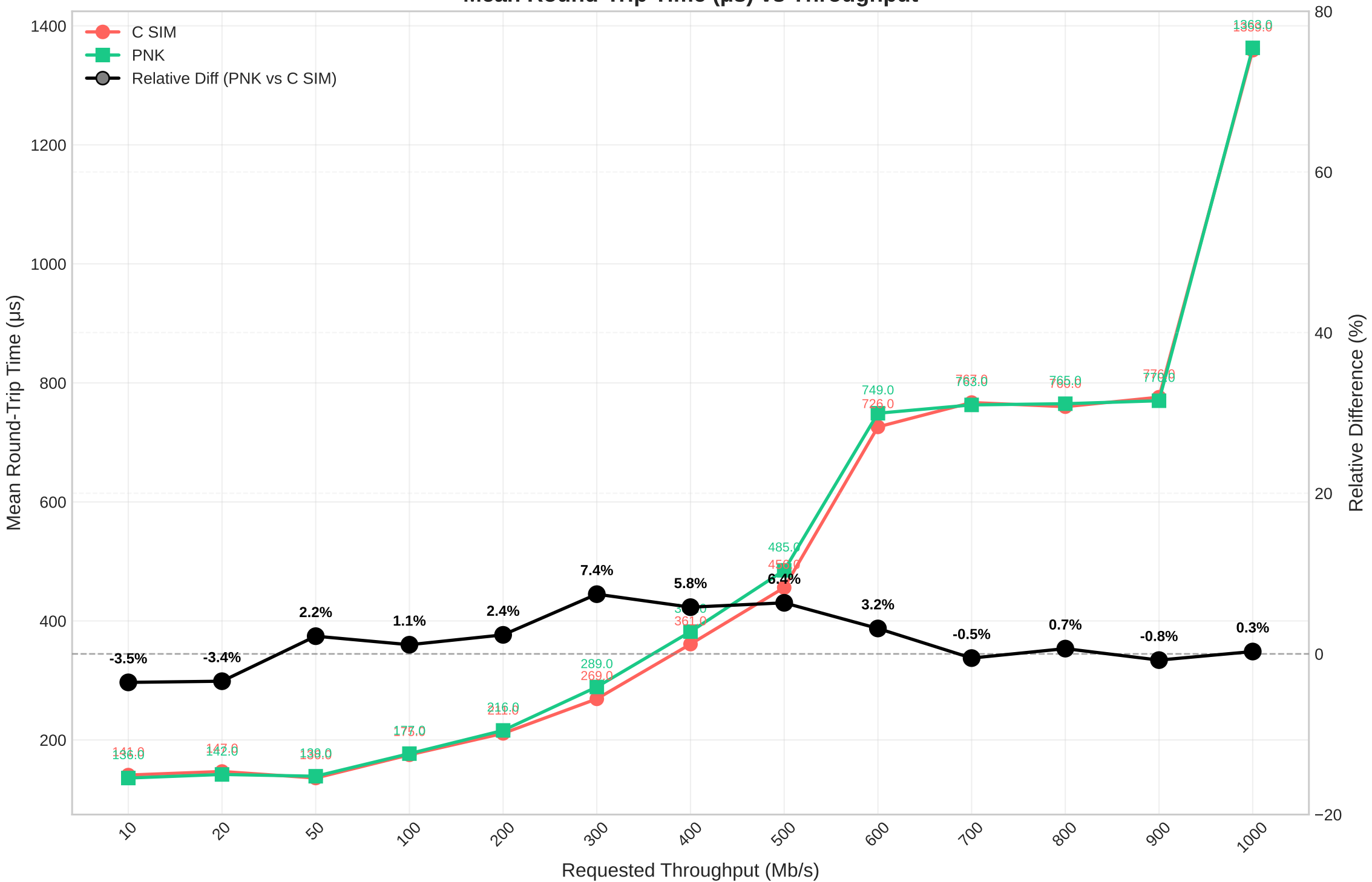
# Instructions per Packet vs Throughput



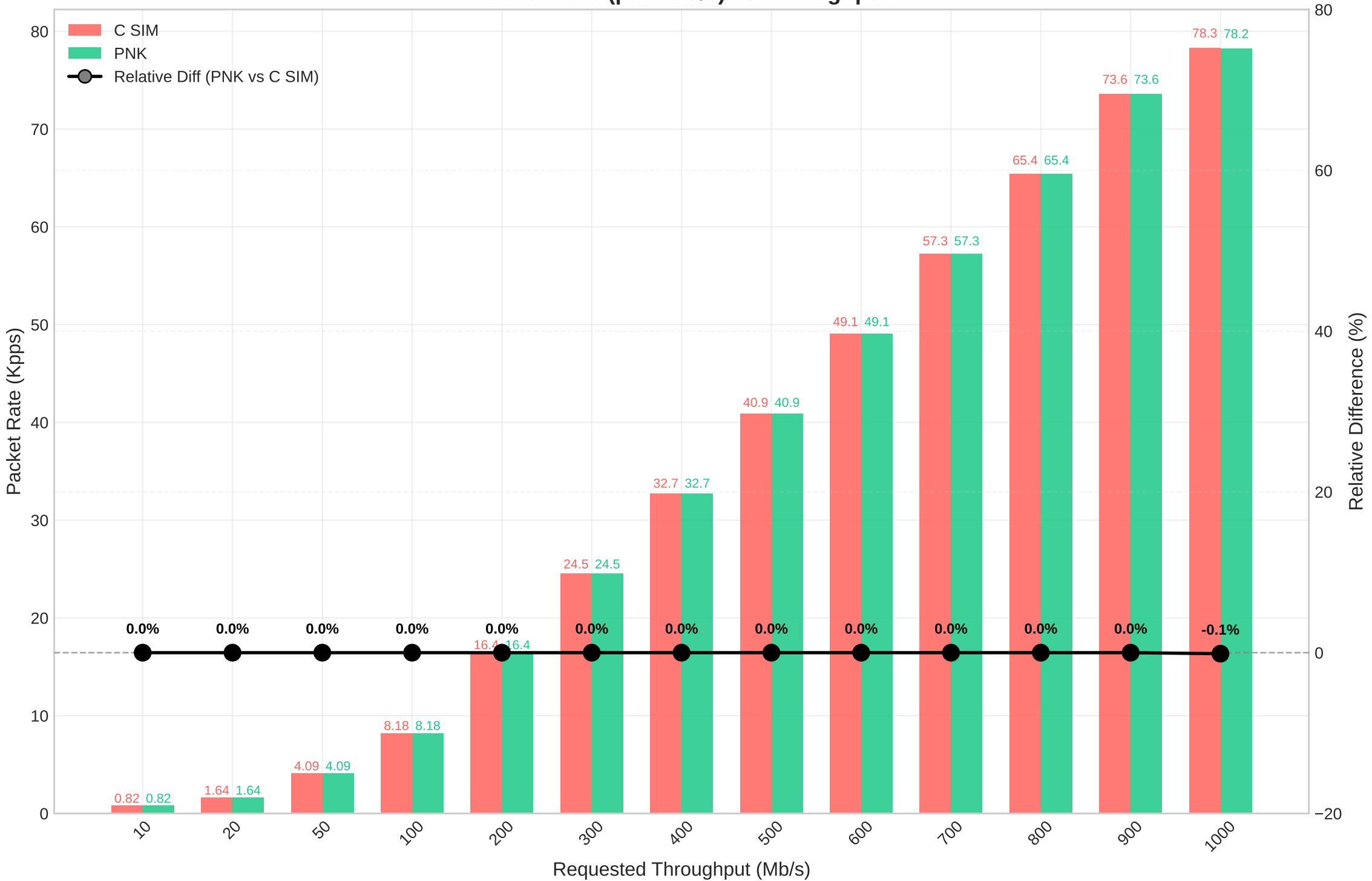
# Branch Mispredictions per Packet vs Throughput



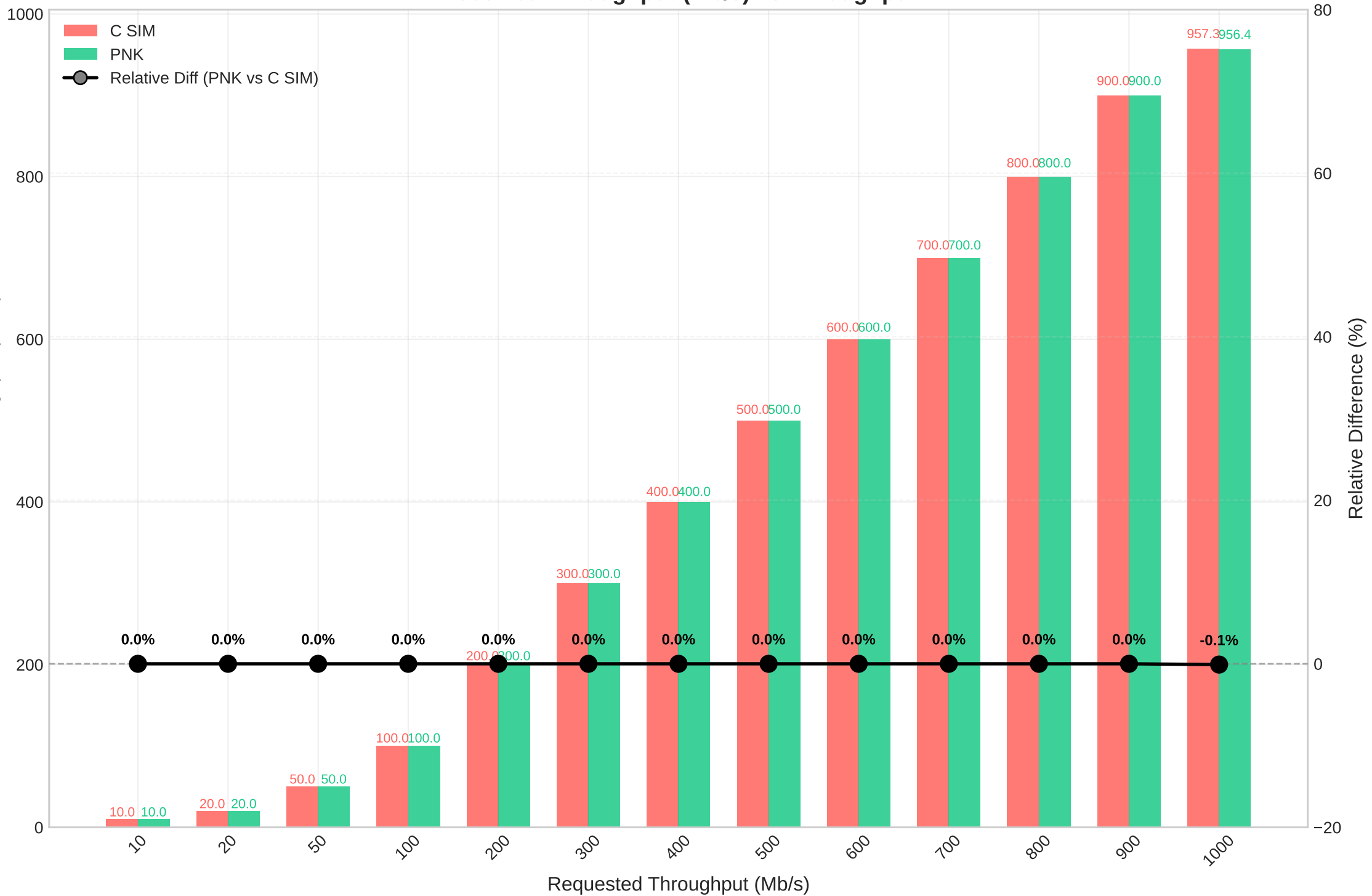
# Mean Round-Trip Time ( $\mu\text{s}$ ) vs Throughput



Packet Rate (packets/s) vs Throughput



Received Throughput (Mb/s) vs Throughput



Sent Throughput (Mb/s) vs Throughput

