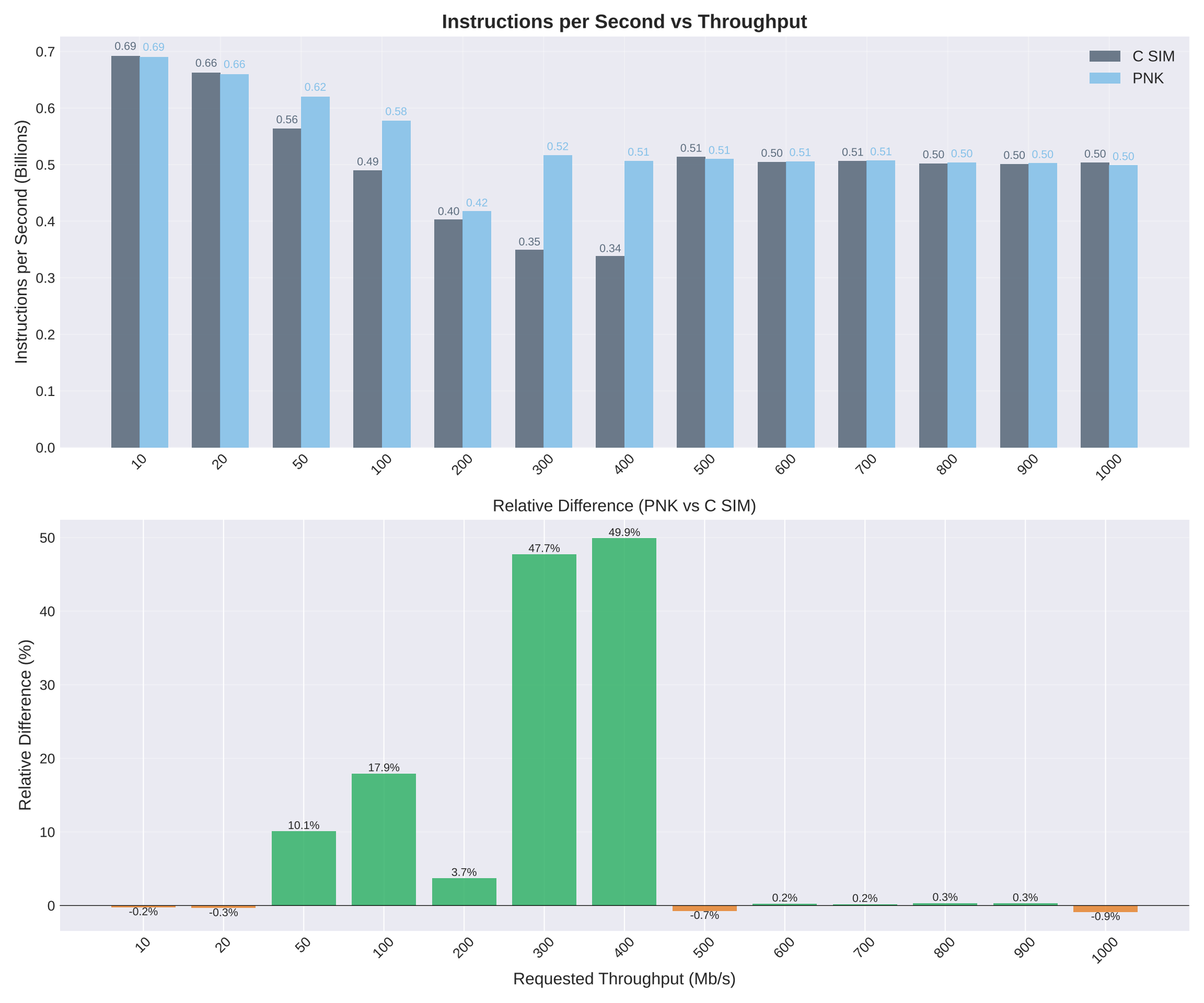
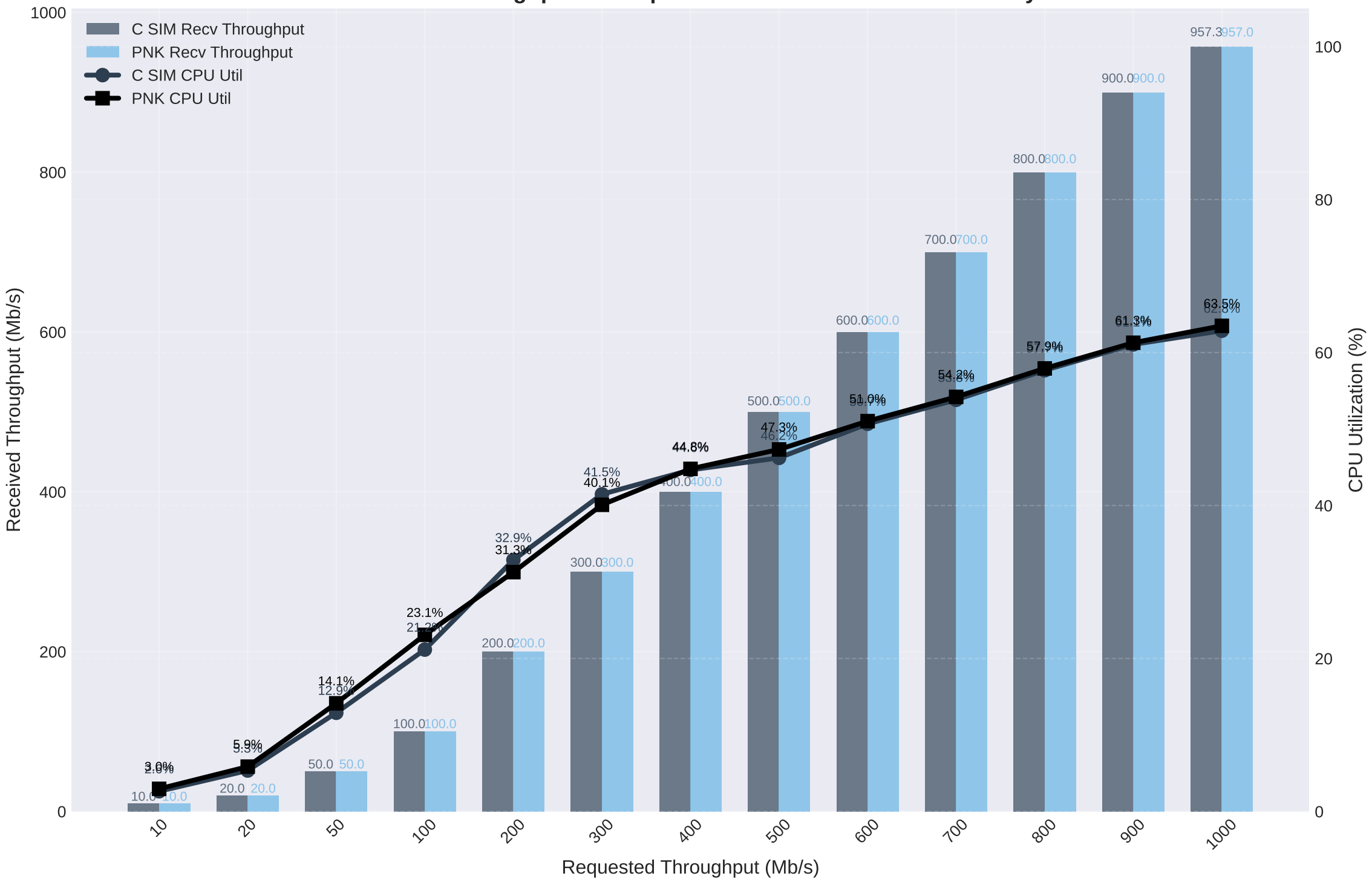
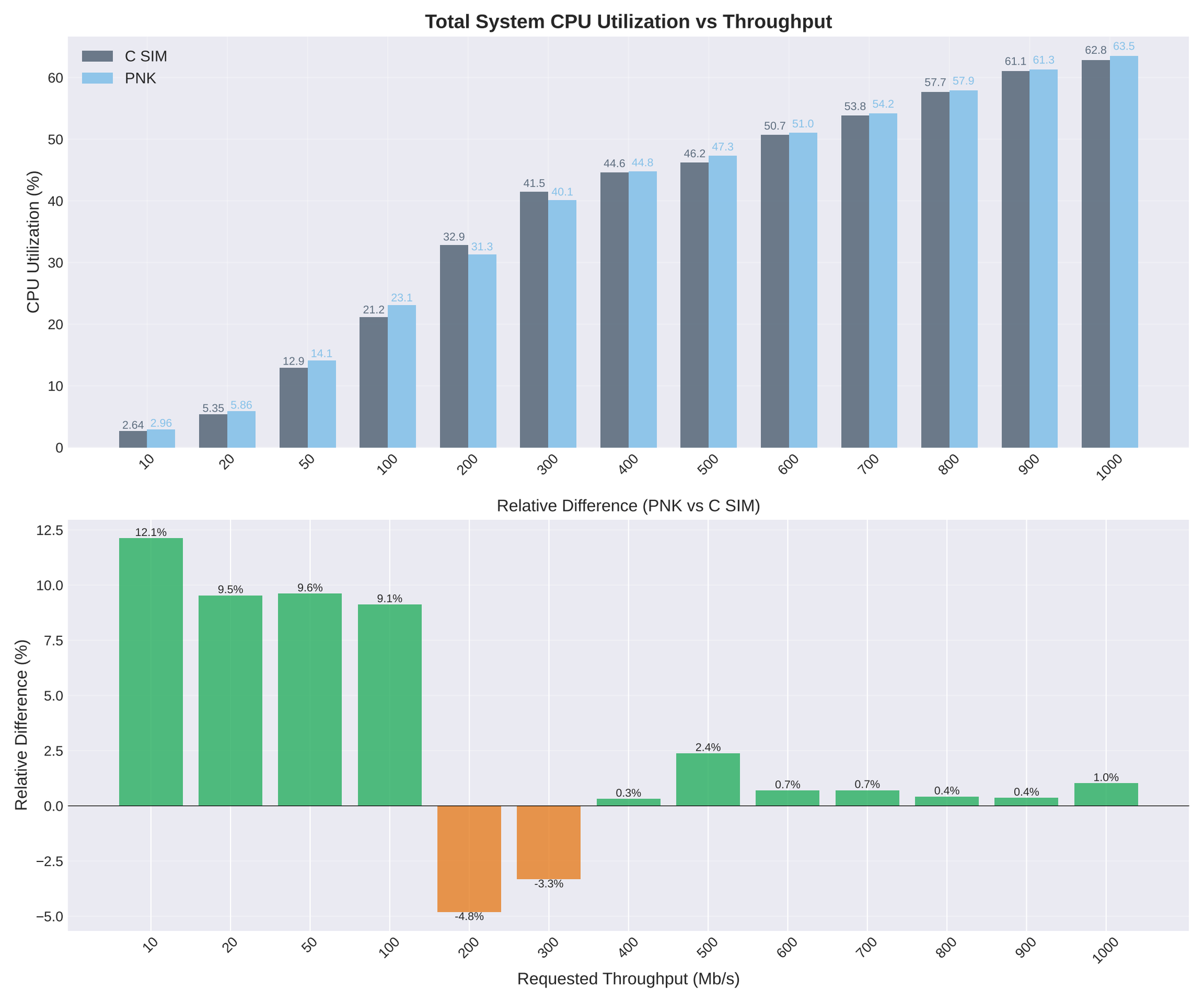
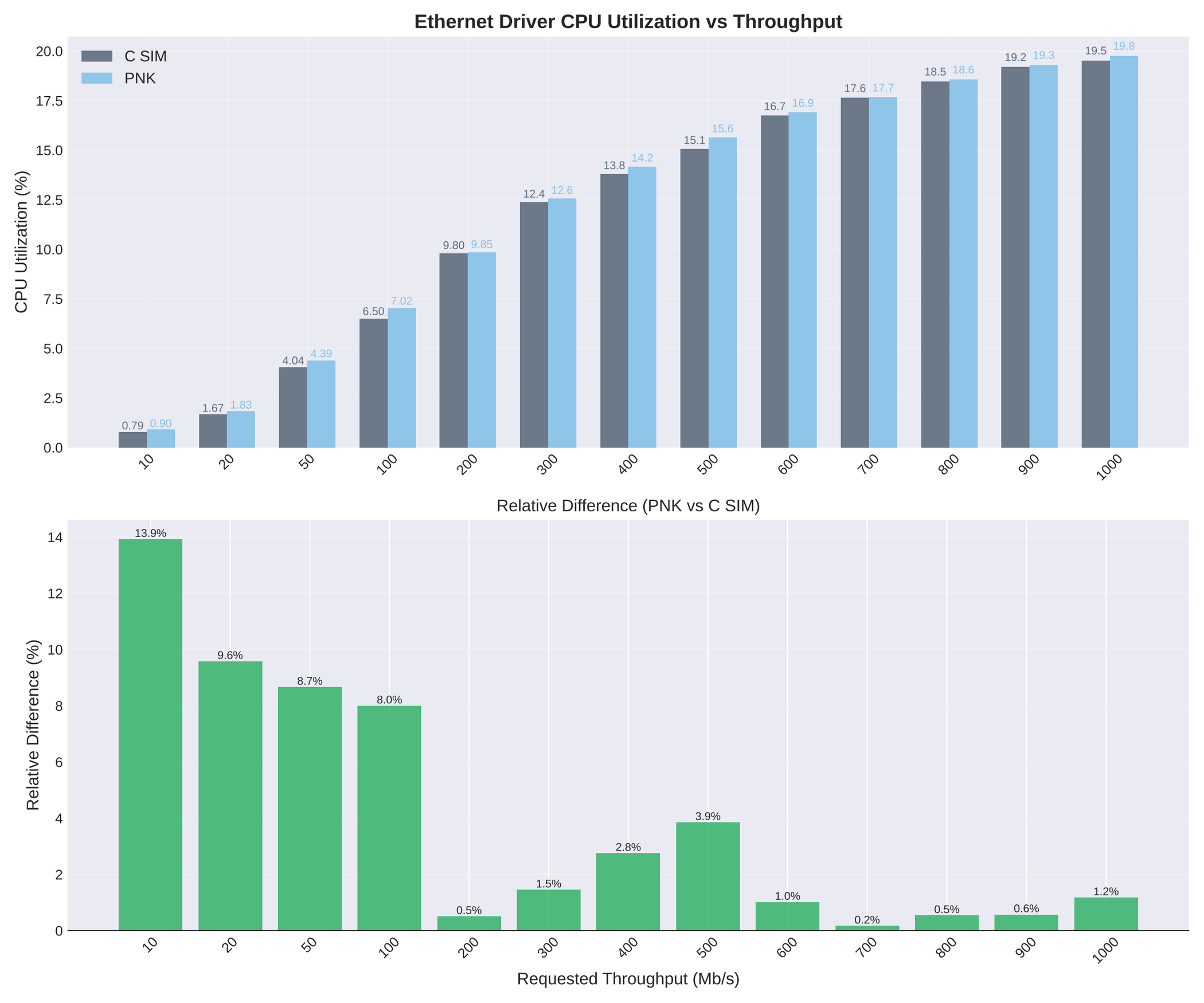
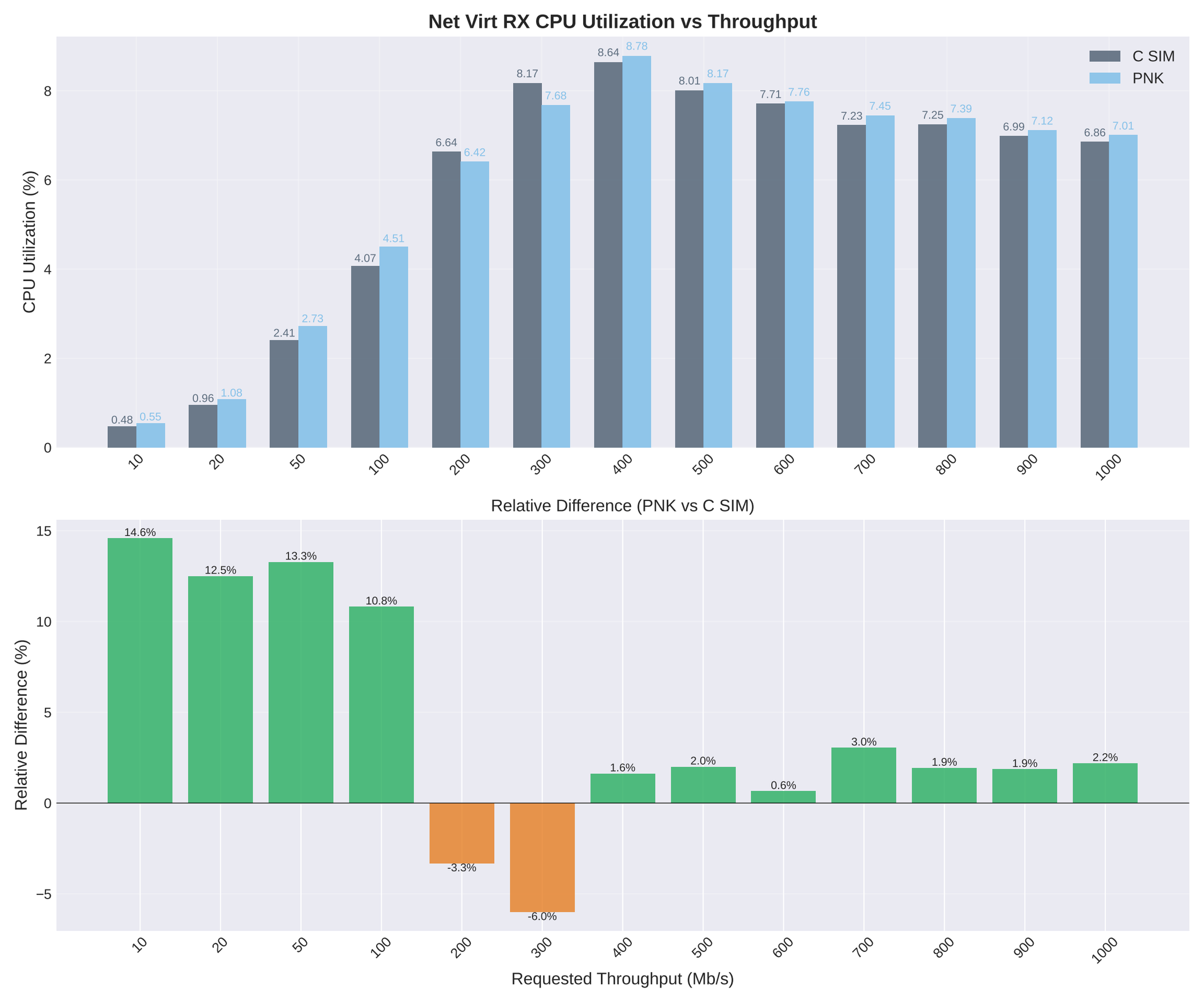

Instructions per Second vs Throughput
Instructions per Second (Billions)
C SIM
PNK
0.69 0.69
0.66 0.66
0.56 0.62
0.49 0.58
0.40 0.42
0.35 0.52
0.34 0.51
0.51 0.51
0.50 0.51
0.51 0.51
0.50 0.50
0.50 0.50
0.50 0.50
10 20 50 100 200 300 400 500 600 700 800 900 1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
-0.2% -0.3% 10.1% 17.9% 3.7% 47.7% 49.9% -0.7% 0.2% 0.2% 0.3% 0.3% -0.9%
Requested Throughput (Mb/s)

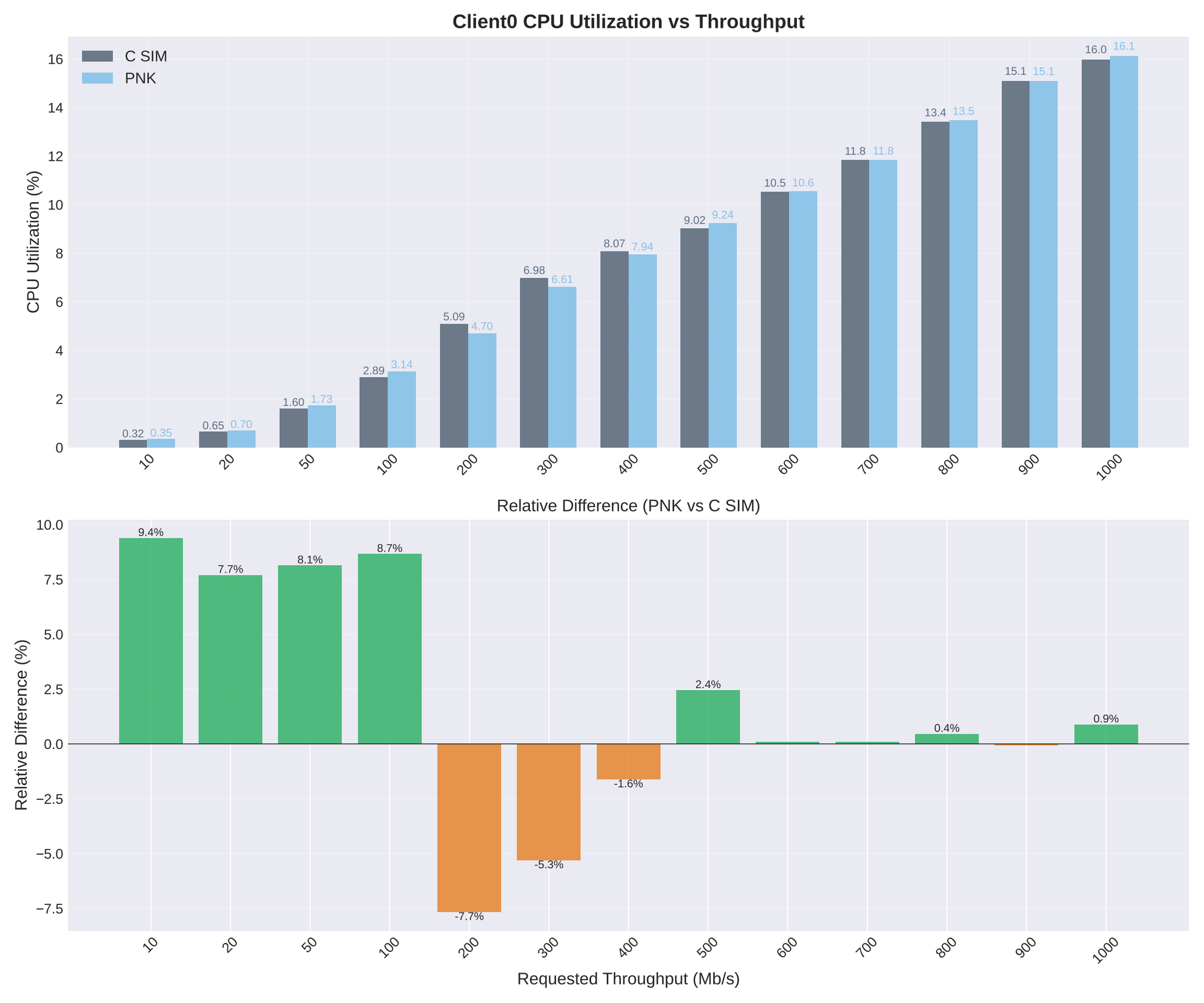

Received Throughput vs Requested with CPU Utilization Overlay
C SIM Recv Throughput
PNK Recv Throughput
C SIM CPU Util
PNK CPU Util
Received Throughput (Mb/s)
CPU Utilization (%)
Requested Throughput (Mb/s)
0
200
400
600
800
1000
0
20
40
60
80
100
10
20
50
100
200
300
400
500
600
700
800
900
1000
10.0
20.0
50.0
100.0
200.0
300.0
400.0
500.0
600.0
700.0
800.0
900.0
957.3
3.0%
5.9%
14.1%
23.1%
32.9%
41.5%
44.8%
47.3%
51.0%
54.2%
57.9%
61.3%
63.5%


Total System CPU Utilization vs Throughput
C SIM
PNK
CPU Utilization (%)
0
10
20
30
40
50
60
2.64
2.96
5.35
5.86
12.9
14.1
21.2
23.1
32.9
31.3
41.5
40.1
44.6
44.8
46.2
47.3
50.7
51.0
53.8
54.2
57.7
57.9
61.1
61.3
62.8
63.5
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
12.5
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
12.1%
9.5%
9.6%
9.1%
-4.8%
-3.3%
0.3%
2.4%
0.7%
0.7%
0.4%
0.4%
1.0%
10
20
50
100
200
300
400
500
600
700
800
900
1000
Requested Throughput (Mb/s)

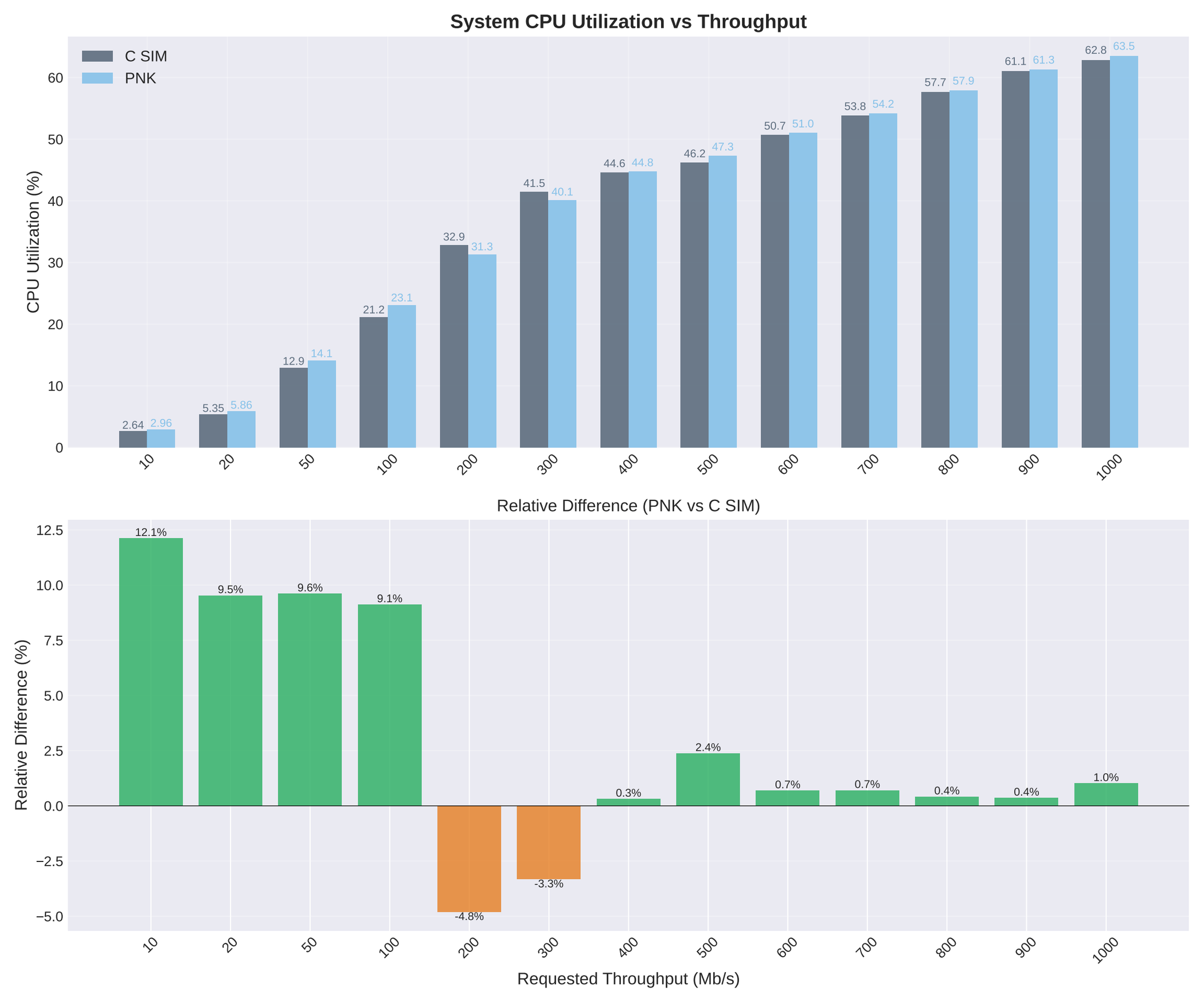

Ethernet Driver CPU Utilization vs Throughput
C SIM
PNK
CPU Utilization (%)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
0.79
0.90
1.67
1.83
4.04
4.39
6.50
7.02
9.80
9.85
12.4
12.6
13.8
14.2
15.1
15.6
16.7
16.9
17.6
17.7
18.5
18.6
19.2
19.3
19.5
19.8
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
0
2
4
6
8
10
12
14
13.9%
9.6%
8.7%
8.0%
0.5%
1.5%
2.8%
3.9%
1.0%
0.2%
0.5%
0.6%
1.2%
10
20
50
100
200
300
400
500
600
700
800
900
1000
Requested Throughput (Mb/s)

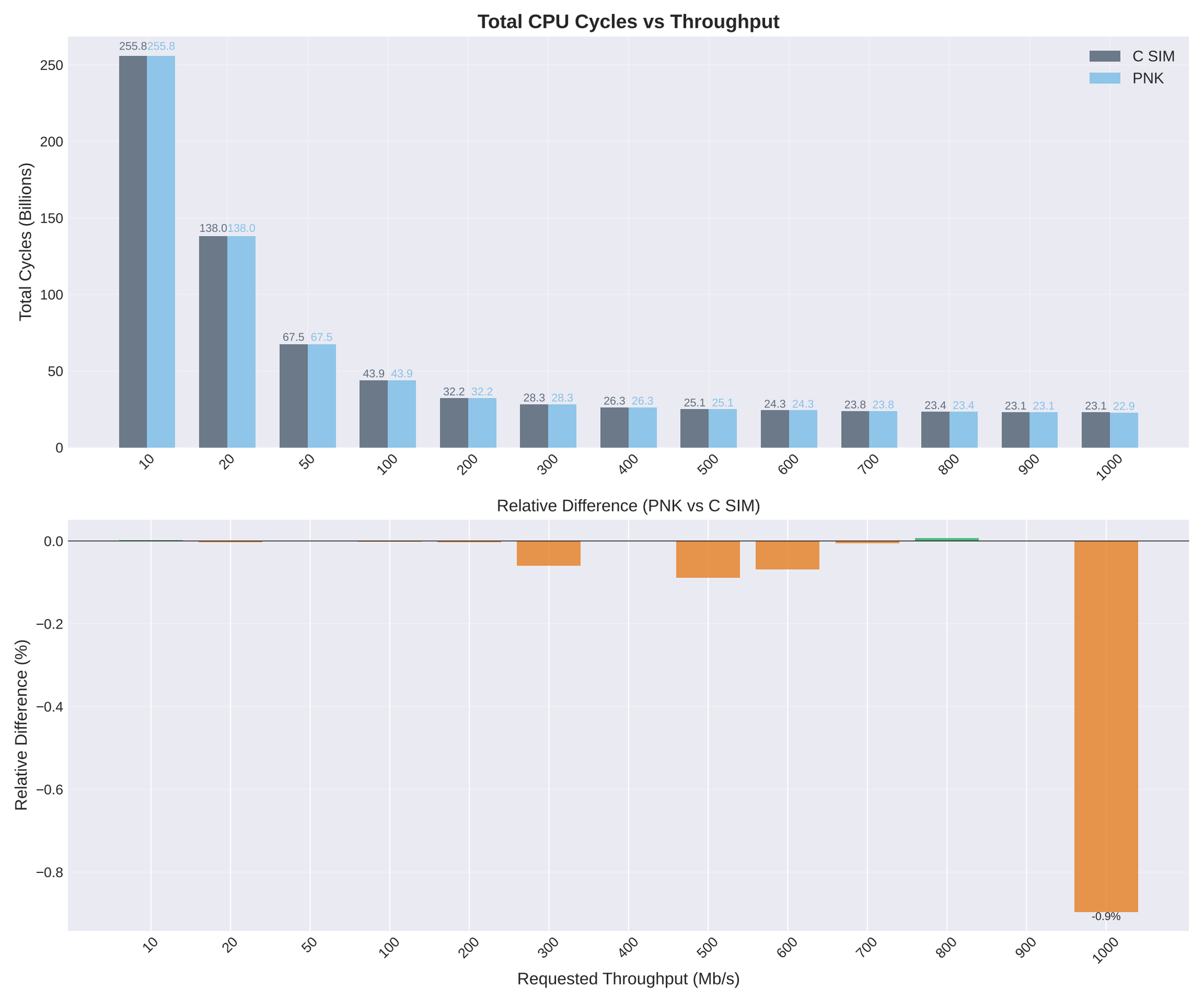

Net Virt TX CPU Utilization vs Throughput
C SIM
PNK
CPU Utilization (%)
0
1
2
3
4
5
6
7
0.31
0.39
0.68
0.80
1.65
1.97
2.56
3.00
3.62
3.35
4.42
4.32
4.17
4.13
4.22
4.34
4.57
4.75
4.74
4.94
5.35
5.55
6.18
6.35
6.56
6.72
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
−5
0
5
10
15
20
25
25.8%
17.6%
19.4%
17.2%
-7.5%
-2.3%
-1.0%
2.8%
3.9%
4.2%
3.7%
2.8%
2.4%
10
20
50
100
200
300
400
500
600
700
800
900
1000
Requested Throughput (Mb/s)

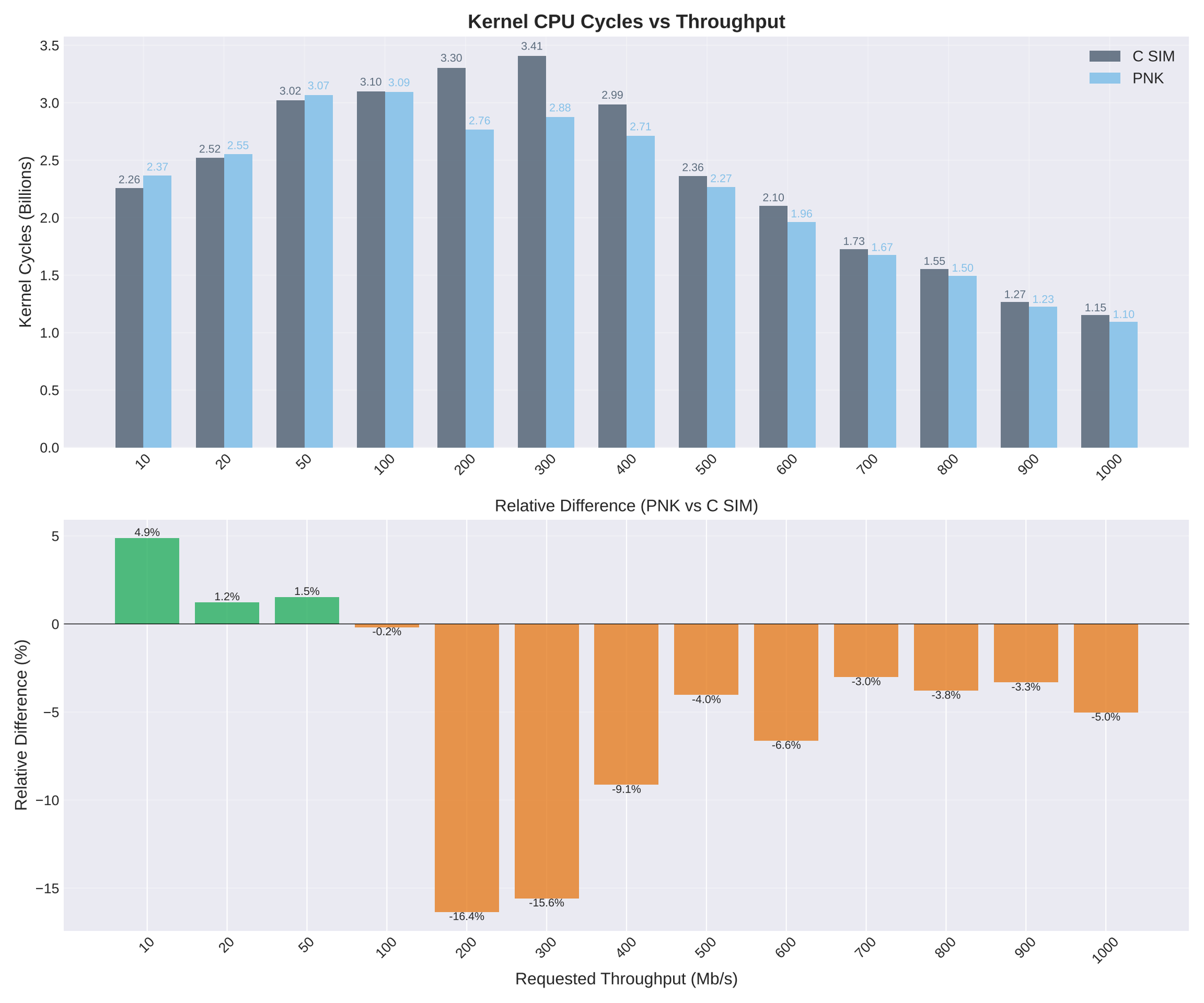

Net Virt RX CPU Utilization vs Throughput
CPU Utilization (%)
C SIM
PNK
0.48
0.55
0.96
1.08
2.41
2.73
4.07
4.51
6.64
6.42
8.17
7.68
8.64
8.78
8.01
8.17
7.71
7.76
7.23
7.45
7.25
7.39
6.99
7.12
6.86
7.01
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
14.6%
12.5%
13.3%
10.8%
-3.3%
-6.0%
1.6%
2.0%
0.6%
3.0%
1.9%
1.9%
2.2%
Requested Throughput (Mb/s)

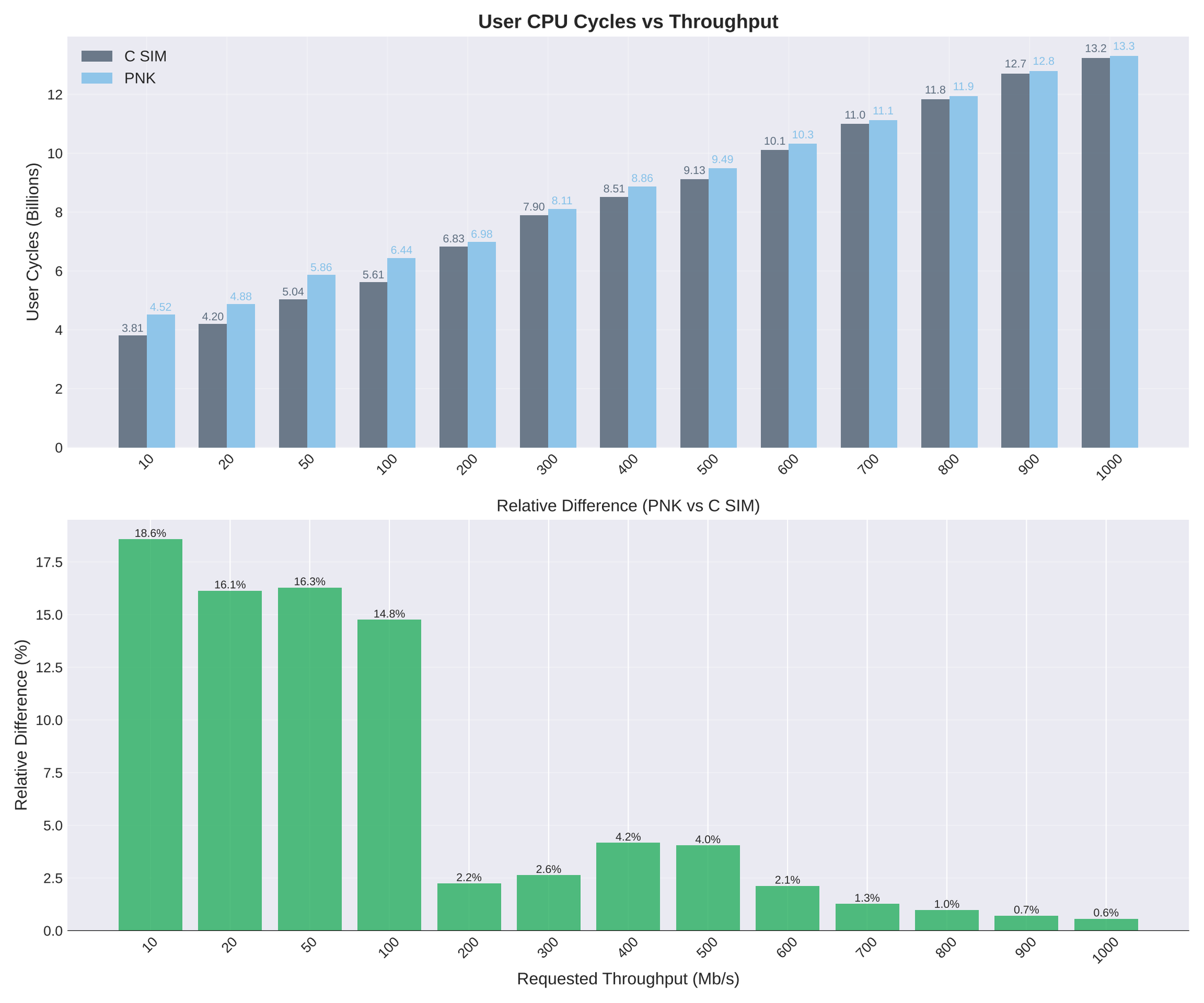

Client0 CPU Utilization vs Throughput
C SIM
PNK
CPU Utilization (%)
0
2
4
6
8
10
12
14
16
0.32
0.35
0.65
0.70
1.60
1.73
2.89
3.14
5.09
4.70
6.98
6.61
8.07
7.94
9.02
9.24
10.5
10.6
11.8
11.8
13.4
13.5
15.1
15.1
16.0
16.1
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
9.4%
7.7%
8.1%
8.7%
-7.7%
-5.3%
-1.6%
2.4%
0.4%
0.9%
10
20
50
100
200
300
400
500
600
700
800
900
1000
Requested Throughput (Mb/s)


Client0 Net Copier CPU Utilization vs Throughput
C SIM
PNK
CPU Utilization (%)
0.43
0.47
0.87
0.93
2.18
2.33
3.76
3.99
6.23
5.86
7.97
7.61
9.02
8.97
9.44
9.48
10.7
10.6
11.9
11.8
12.7
12.4
13.1
12.9
13.4
13.3
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
9.3%
6.9%
6.9%
6.1%
-5.9%
-4.5%
-0.6%
0.4%
-0.8%
-0.9%
-2.2%
-1.6%
-0.4%
Requested Throughput (Mb/s)

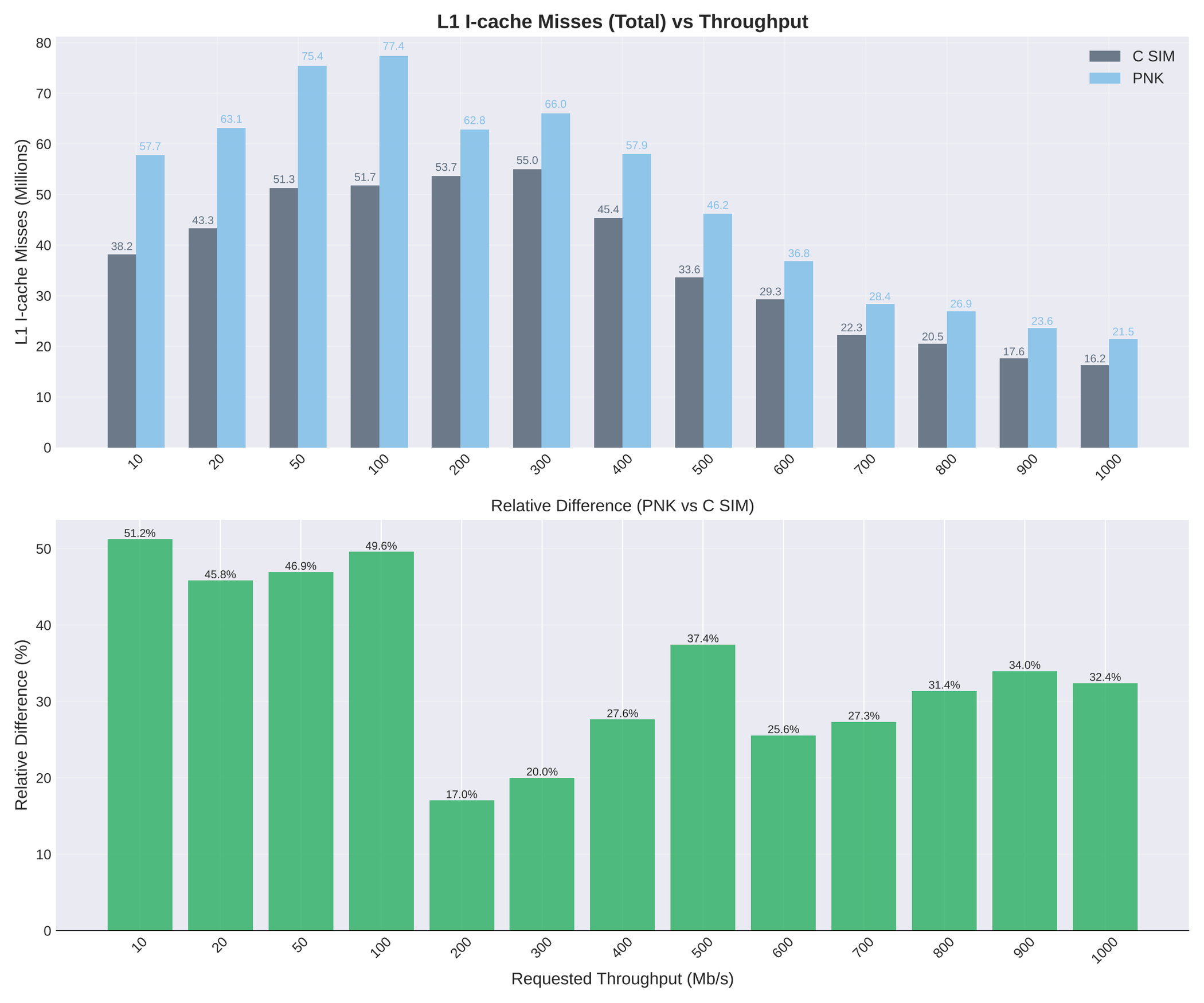

System CPU Utilization vs Throughput
C SIM
PNK
CPU Utilization (%)
0
10
20
30
40
50
60
2.64
2.96
5.35
5.86
12.9
14.1
21.2
23.1
32.9
31.3
41.5
40.1
44.6
44.8
46.2
47.3
50.7
51.0
53.8
54.2
57.7
57.9
61.1
61.3
62.8
63.5
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
12.5
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
12.1%
9.5%
9.6%
9.1%
-4.8%
-3.3%
0.3%
2.4%
0.7%
0.7%
0.4%
0.4%
1.0%
10
20
50
100
200
300
400
500
600
700
800
900
1000
Requested Throughput (Mb/s)

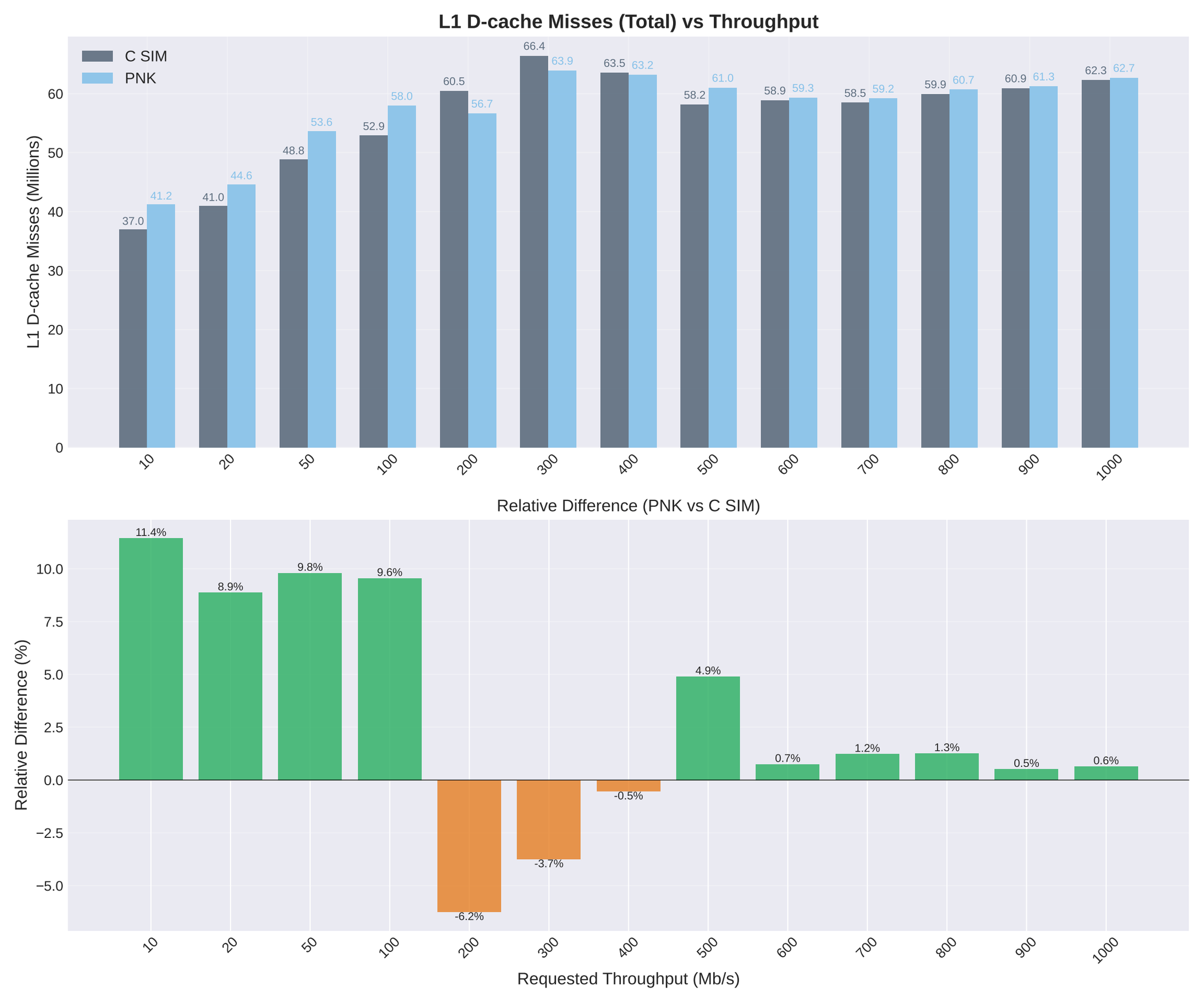

Total CPU Cycles vs Throughput
C SIM
PNK
Total Cycles (Billions)
0
50
100
150
200
250
255.8 255.8
138.0 138.0
67.5 67.5
43.9 43.9
32.2 32.2
28.3 28.3
26.3 26.3
25.1 25.1
24.3 24.3
23.8 23.8
23.4 23.4
23.1 23.1
23.1 22.9
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
0.0
−0.2
−0.4
−0.6
−0.8
-0.9%
Requested Throughput (Mb/s)

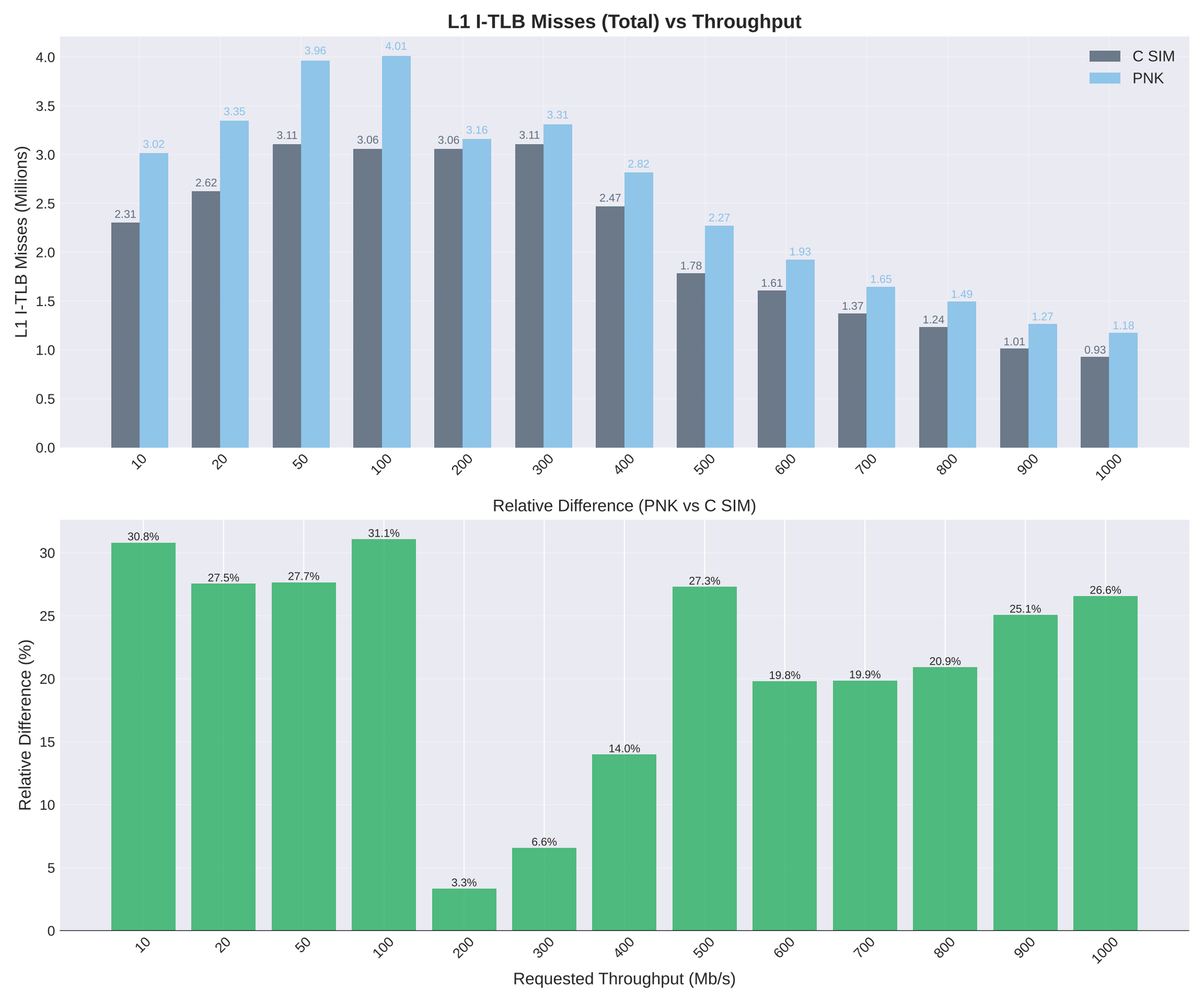

Kernel CPU Cycles vs Throughput
C SIM
PNK
Kernel Cycles (Billions)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
2.26
2.37
2.52
2.55
3.02
3.07
3.10
3.09
3.30
2.76
3.41
2.88
2.99
2.71
2.36
2.27
2.10
1.96
1.73
1.67
1.55
1.50
1.27
1.23
1.15
1.10
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
5
0
−5
−10
−15
4.9%
1.2%
1.5%
-0.2%
-16.4%
-15.6%
-9.1%
-4.0%
-6.6%
-3.0%
-3.8%
-3.3%
-5.0%
Requested Throughput (Mb/s)

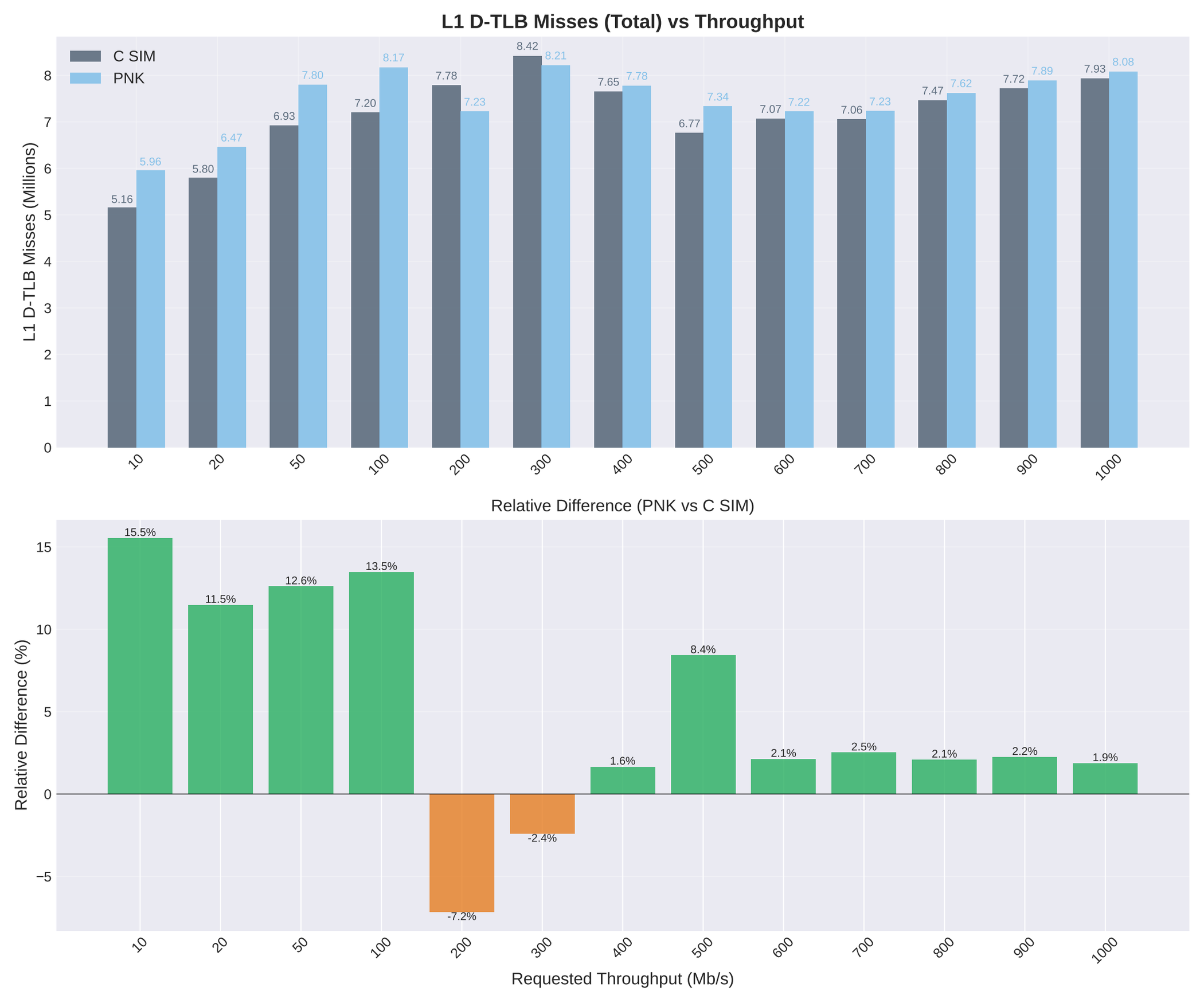

User CPU Cycles vs Throughput
C SIM
PNK
User Cycles (Billions)
0
2
4
6
8
10
12
3.81
4.52
4.20
4.88
5.04
5.86
5.61
6.44
6.83
6.98
7.90
8.11
8.51
8.86
9.13
9.49
10.1
10.3
11.0
11.1
11.8
11.9
12.7
12.8
13.2
13.3
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
18.6%
16.1%
16.3%
14.8%
2.2%
2.6%
4.2%
4.0%
2.1%
1.3%
1.0%
0.7%
0.6%
Requested Throughput (Mb/s)

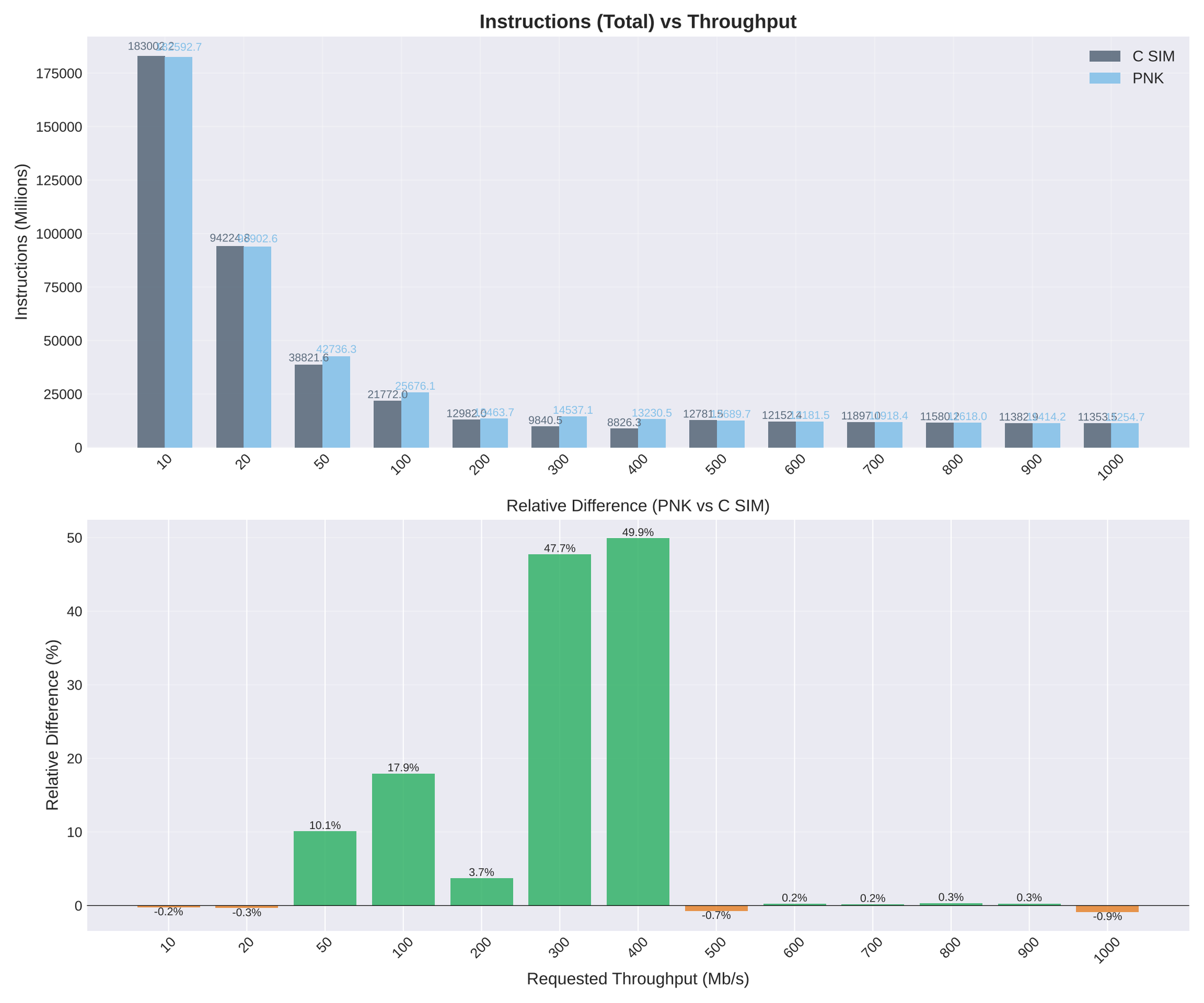

Idle CPU Cycles vs Throughput
C SIM
PNK
Idle Cycles (Billions)
249.0 248.2
130.6 129.9
58.8 58.0
34.6 33.8
21.6 22.1
16.6 16.9
14.5 14.5
13.5 13.2
12.0 11.9
11.0 10.9
9.90 9.84
8.98 8.93
8.57 8.34
Relative Difference (PNK vs C SIM)
Relative Difference (%)
-0.3%
-0.5%
-1.4%
-2.5%
2.4%
2.3%
-0.2%
-2.1%
-0.8%
-0.8%
-0.6%
-0.5%
-2.6%
Requested Throughput (Mb/s)

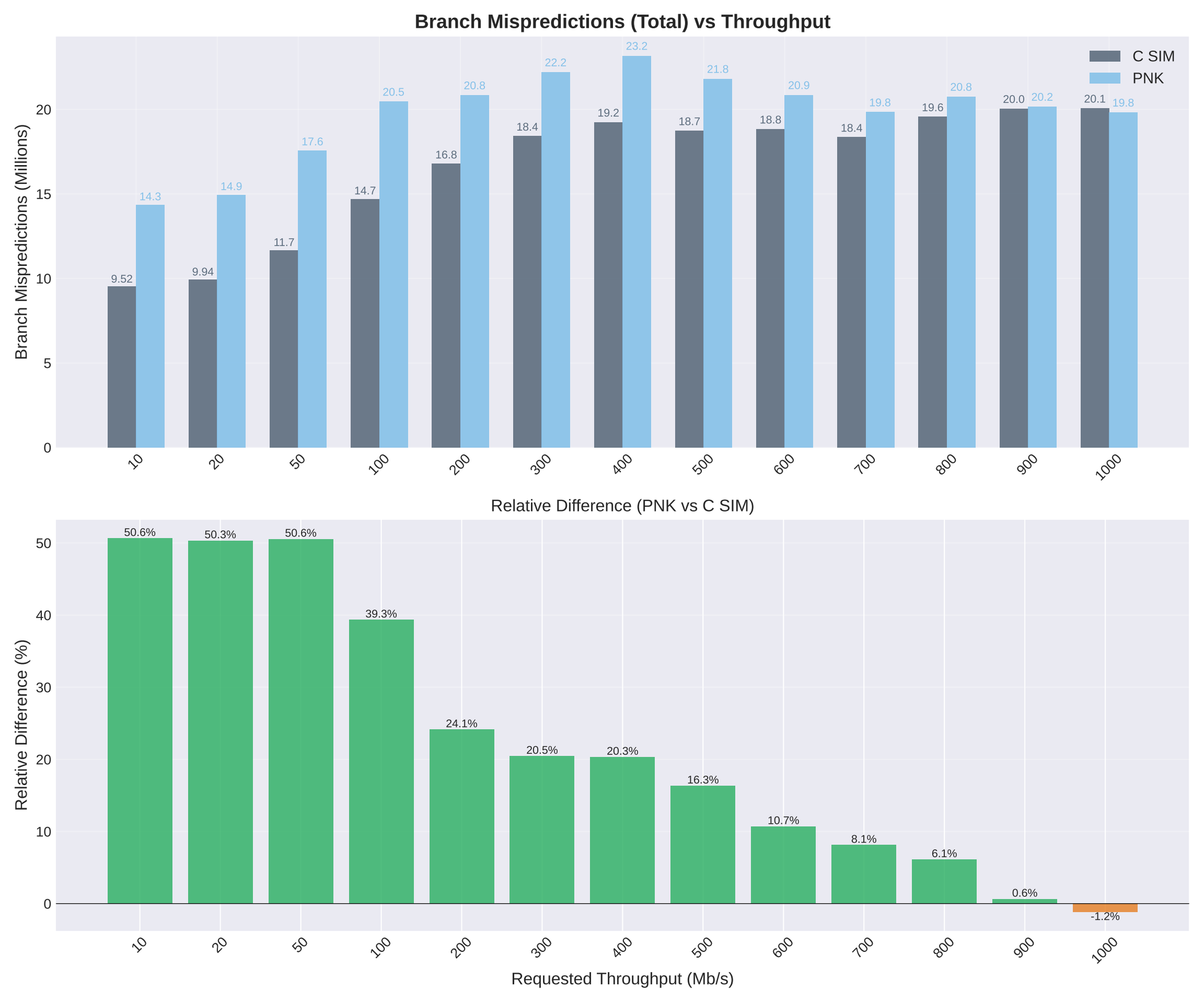

L1 I-cache Misses (Total) vs Throughput
L1 I-cache Misses (Millions)
C SIM
PNK
38.2
57.7
43.3
63.1
51.3
75.4
51.7
77.4
53.7
62.8
55.0
66.0
45.4
57.9
33.6
46.2
29.3
36.8
22.3
28.4
20.5
26.9
17.6
23.6
16.2
21.5
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
51.2%
45.8%
46.9%
49.6%
17.0%
20.0%
27.6%
37.4%
25.6%
27.3%
31.4%
34.0%
32.4%
Requested Throughput (Mb/s)

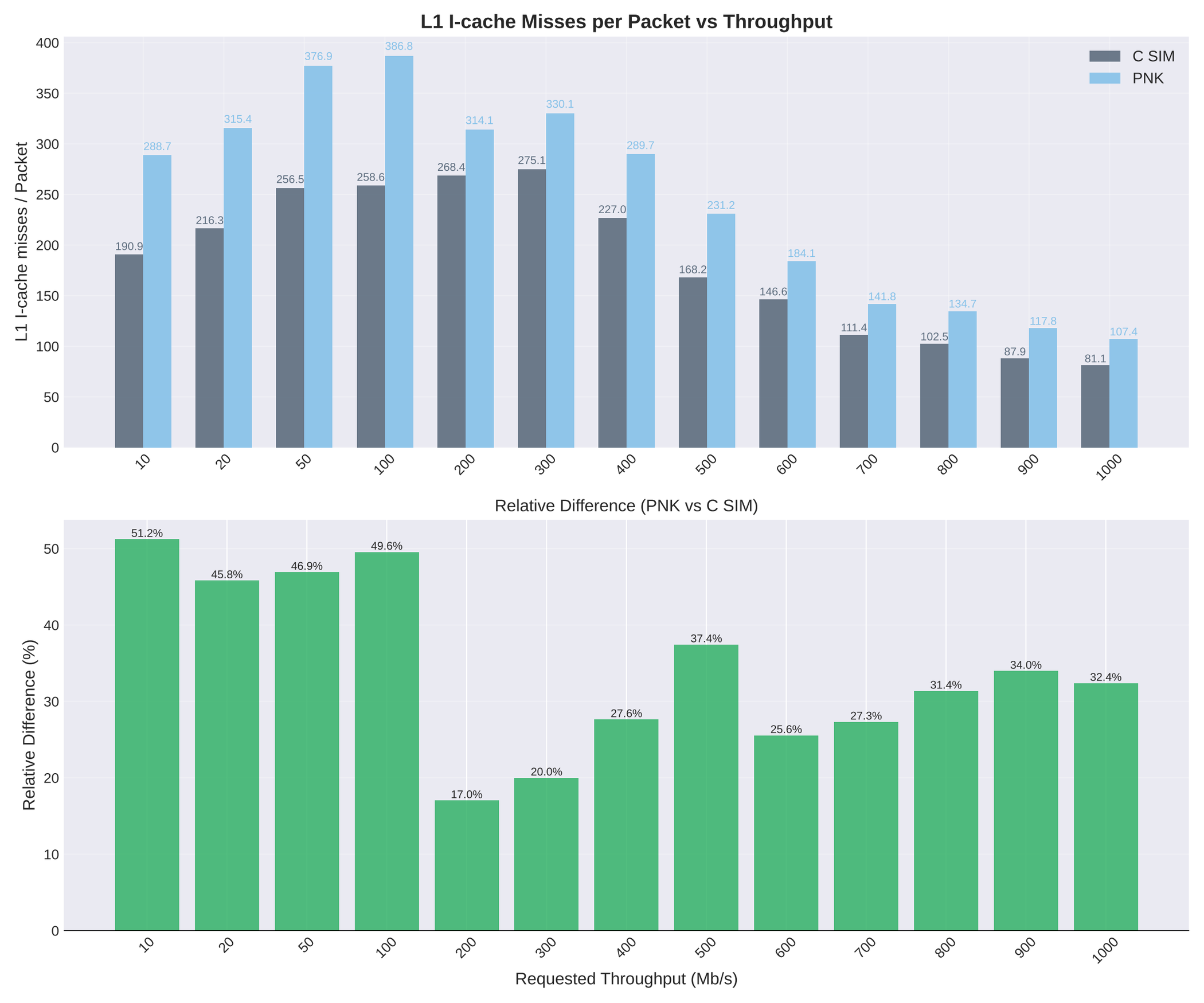

L1 D-cache Misses (Total) vs Throughput
C SIM
PNK
L1 D-cache Misses (Millions)
0
10
20
30
40
50
60
37.0
41.2
41.0
44.6
48.8
53.6
52.9
58.0
60.5
56.7
66.4
63.9
63.5
63.2
58.2
61.0
58.9
59.3
58.5
59.2
59.9
60.7
60.9
61.3
62.3
62.7
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
−5.0
−2.5
0.0
2.5
5.0
7.5
10.0
11.4%
8.9%
9.8%
9.6%
-6.2%
-3.7%
-0.5%
4.9%
0.7%
1.2%
1.3%
0.5%
0.6%
10
20
50
100
200
300
400
500
600
700
800
900
1000
Requested Throughput (Mb/s)

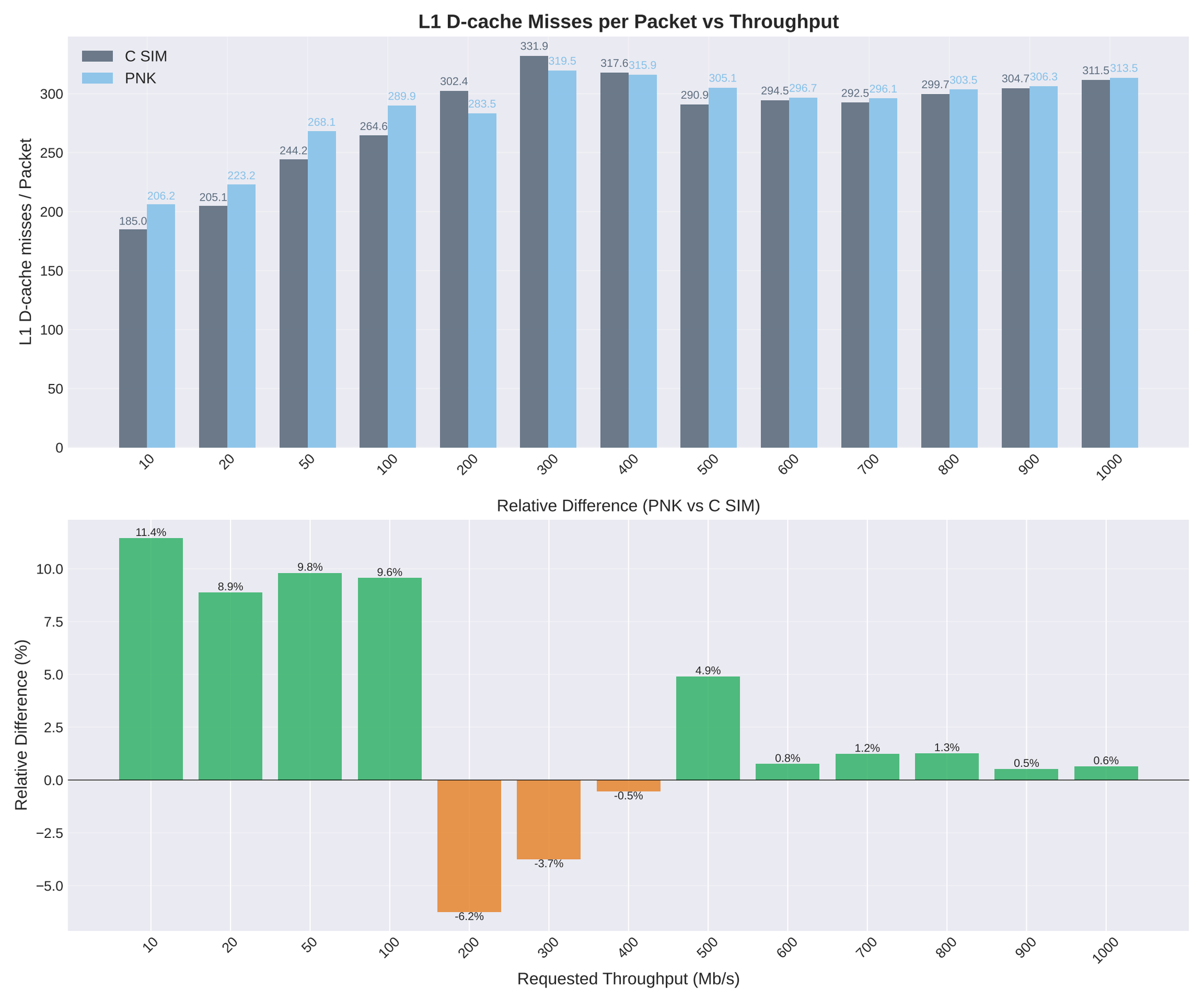

L1 I-TLB Misses (Total) vs Throughput
C SIM
PNK
L1 I-TLB Misses (Millions)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
2.31
3.02
2.62
3.35
3.11
3.96
3.06
4.01
3.06
3.16
3.11
3.31
2.47
2.82
1.78
2.27
1.61
1.93
1.37
1.65
1.24
1.49
1.01
1.27
0.93
1.18
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
0
5
10
15
20
25
30
30.8%
27.5%
27.7%
31.1%
3.3%
6.6%
14.0%
27.3%
19.8%
19.9%
20.9%
25.1%
26.6%
10
20
50
100
200
300
400
500
600
700
800
900
1000
Requested Throughput (Mb/s)

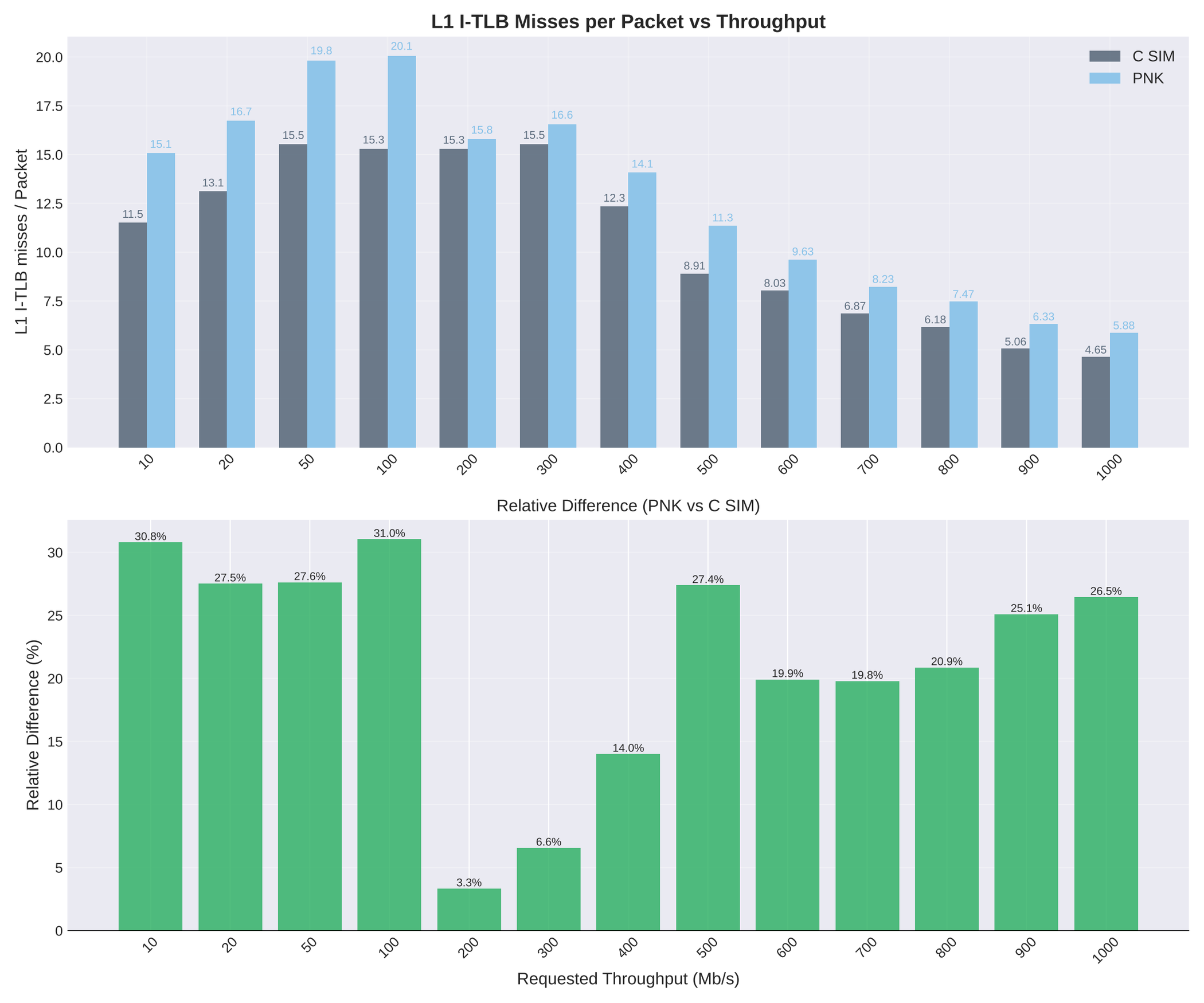

L1 D-TLB Misses (Total) vs Throughput
C SIM
PNK
L1 D-TLB Misses (Millions)
0
1
2
3
4
5
6
7
8
5.16
5.96
5.80
6.47
6.93
7.80
7.20
8.17
7.78
7.23
8.42
8.21
7.65
7.78
6.77
7.34
7.07
7.22
7.06
7.23
7.47
7.62
7.72
7.89
7.93
8.08
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
15
10
5
0
−5
15.5%
11.5%
12.6%
13.5%
-7.2%
-2.4%
1.6%
8.4%
2.1%
2.5%
2.1%
2.2%
1.9%
10
20
50
100
200
300
400
500
600
700
800
900
1000
Requested Throughput (Mb/s)

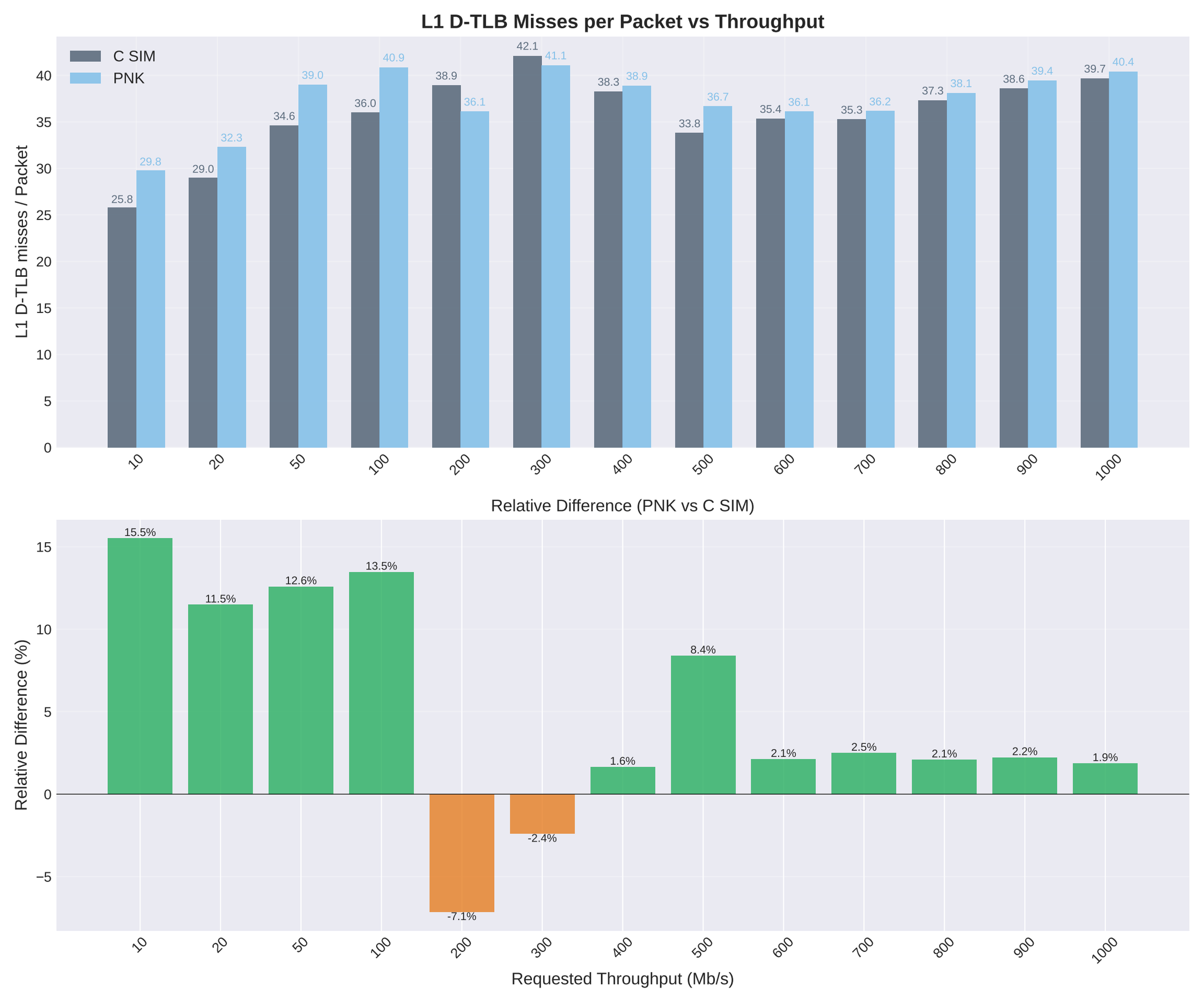

Instructions (Total) vs Throughput
C SIM
PNK
Instructions (Millions)
183002.2
183592.7
94224.8
94902.6
38821.6
42736.3
21772.0
25676.1
12982.0
13463.7
9840.5
14537.1
8826.3
13230.5
12781.5
13689.7
12152.4
13181.5
11897.0
12918.4
11580.2
12618.0
11382.9
12414.2
11353.5
12254.7
0
25000
50000
75000
100000
125000
150000
175000
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
-0.2%
-0.3%
10.1%
17.9%
3.7%
47.7%
49.9%
-0.7%
0.2%
0.2%
0.3%
0.3%
-0.9%
0
10
20
30
40
50
Requested Throughput (Mb/s)

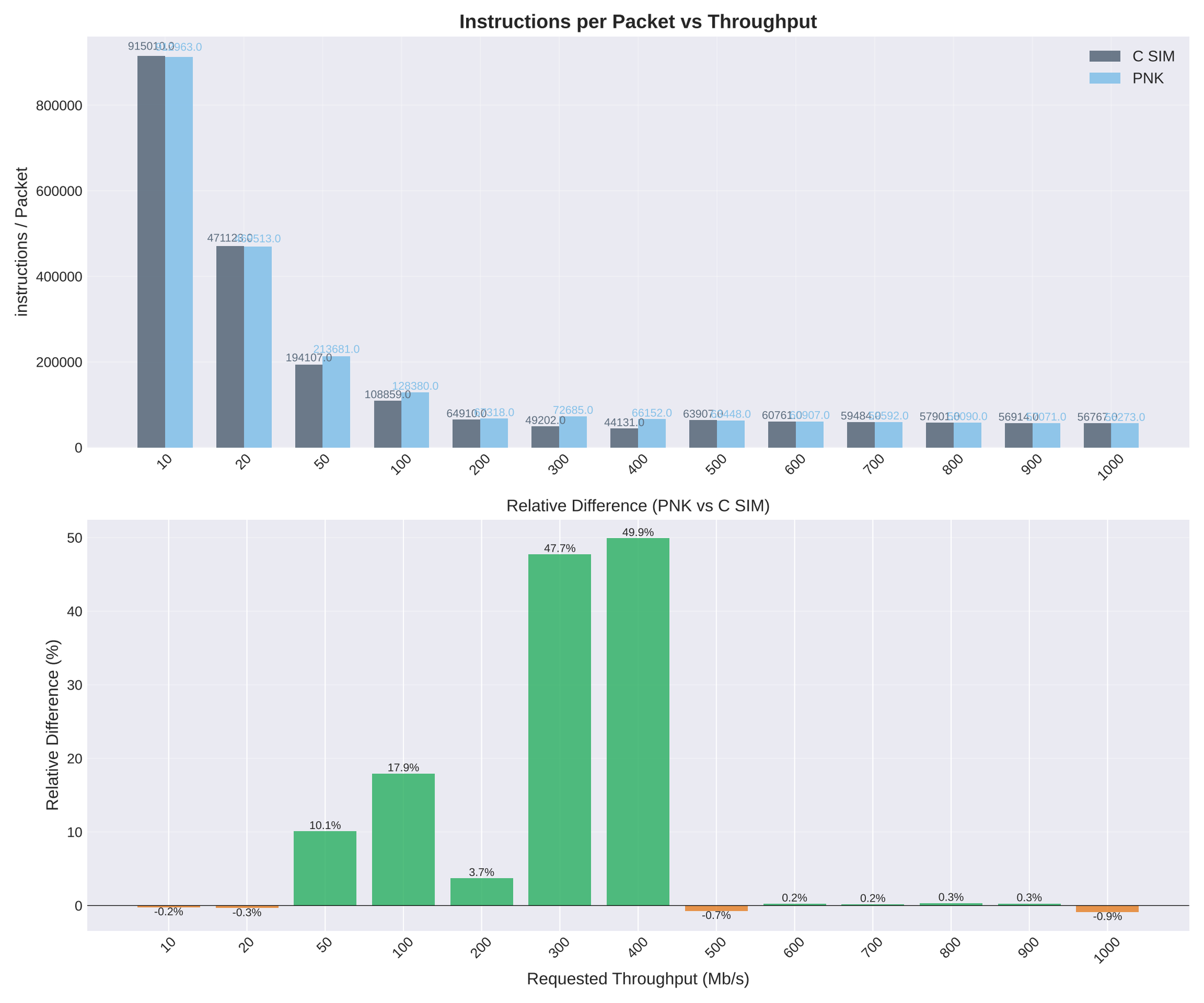

Branch Mispredictions (Total) vs Throughput
C SIM
PNK
Branch Mispredictions (Millions)
0
5
10
15
20
9.52
14.3
9.94
14.9
11.7
17.6
14.7
20.5
16.8
20.8
18.4
22.2
19.2
23.2
18.7
21.8
18.8
20.9
18.4
19.8
19.6
20.8
20.0
20.2
20.1
19.8
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
0
10
20
30
40
50
50.6%
50.3%
50.6%
39.3%
24.1%
20.5%
20.3%
16.3%
10.7%
8.1%
6.1%
0.6%
-1.2%
10
20
50
100
200
300
400
500
600
700
800
900
1000
Requested Throughput (Mb/s)

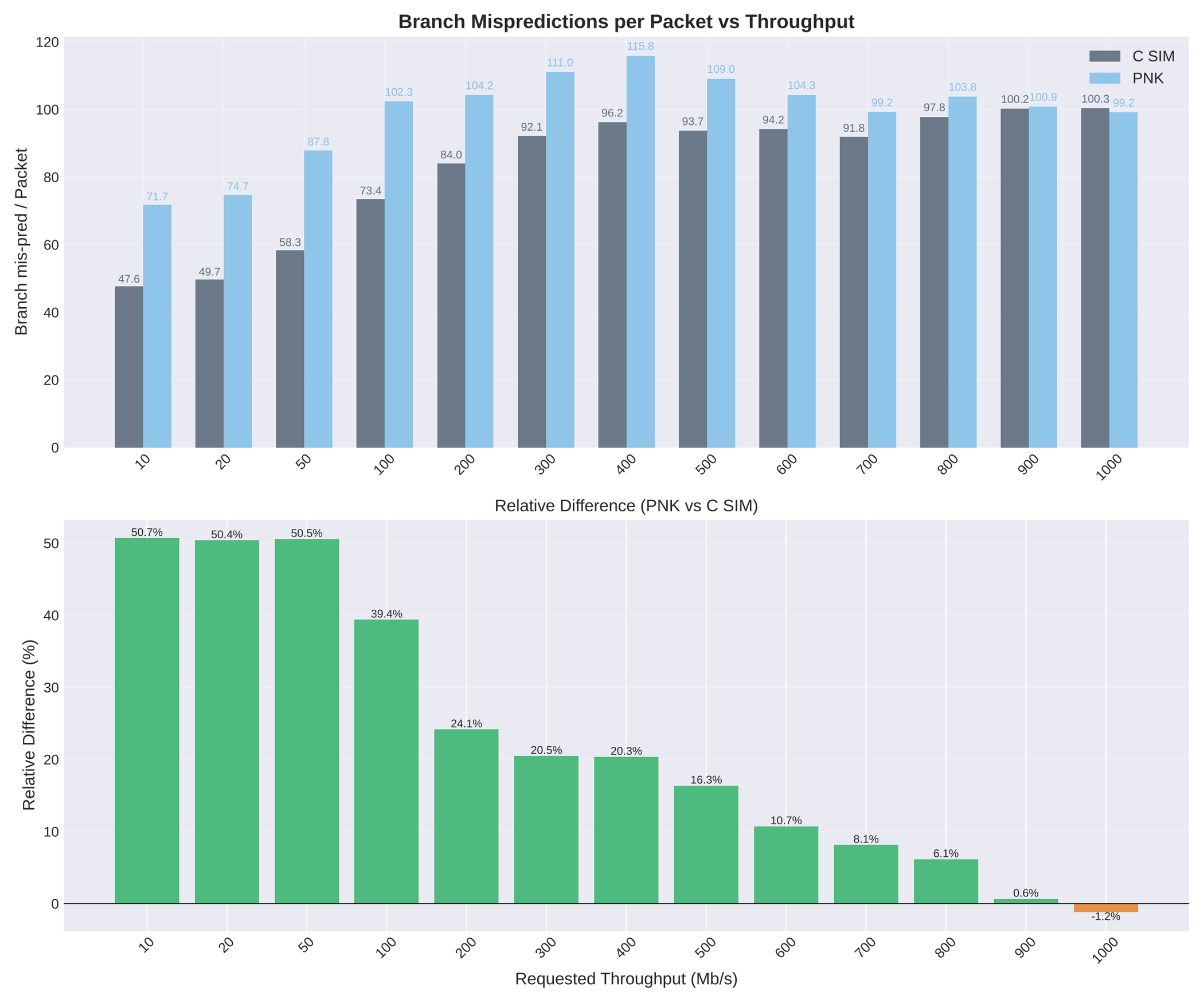

L1 I-cache Misses per Packet vs Throughput
L1 I-cache misses / Packet
C SIM
PNK
190.9
288.7
216.3
315.4
256.5
376.9
258.6
386.8
268.4
314.1
275.1
330.1
227.0
289.7
168.2
231.2
146.6
184.1
111.4
141.8
102.5
134.7
87.9
117.8
81.1
107.4
Relative Difference (PNK vs C SIM)
Relative Difference (%)
51.2%
45.8%
46.9%
49.6%
17.0%
20.0%
27.6%
37.4%
25.6%
27.3%
31.4%
34.0%
32.4%
Requested Throughput (Mb/s)

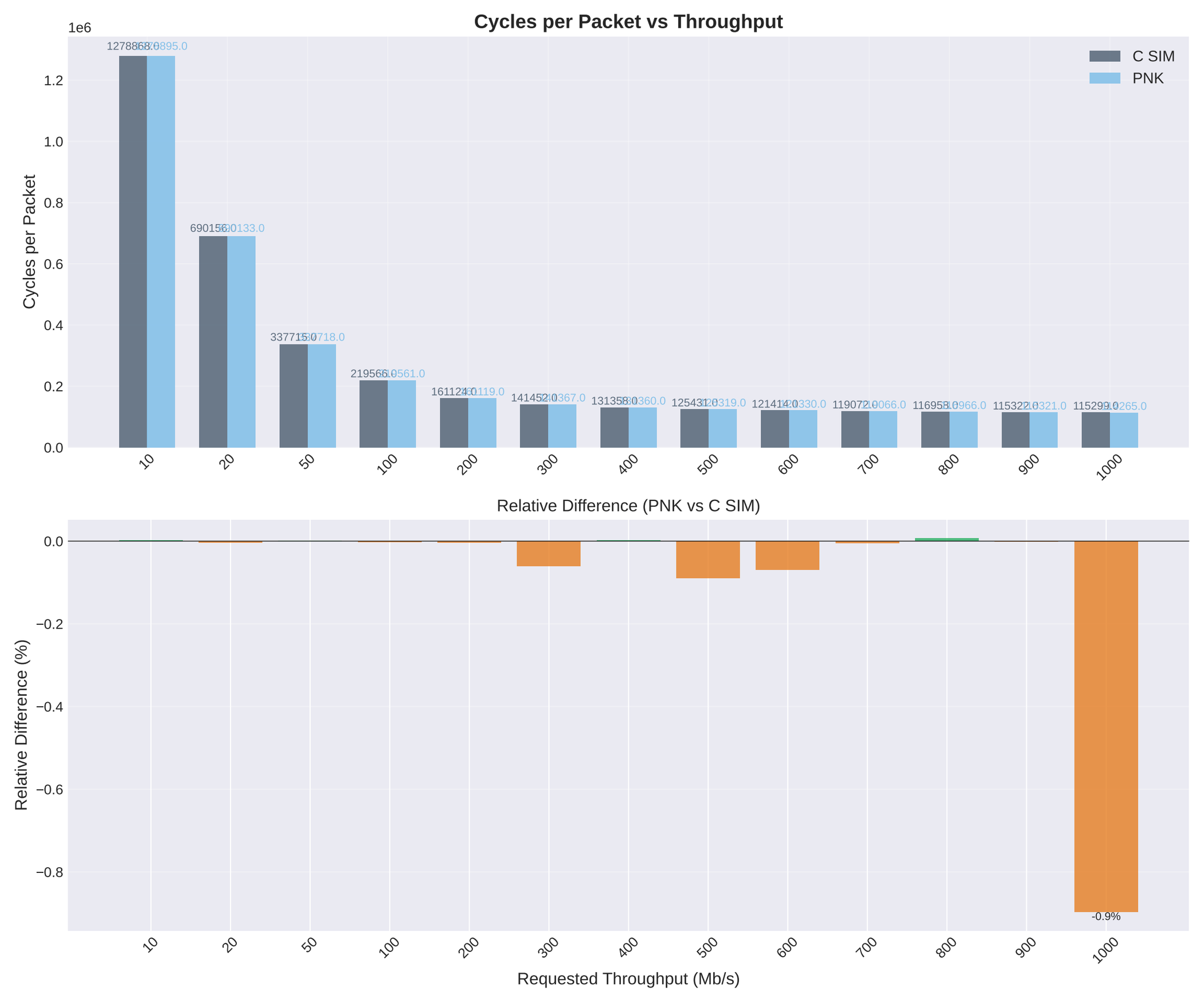

L1 D-cache Misses per Packet vs Throughput
C SIM
PNK
L1 D-cache misses / Packet
0
50
100
150
200
250
300
185.0
206.2
205.1
223.2
244.2
268.1
264.6
289.9
302.4
283.5
331.9
319.5
317.6
315.9
290.9
305.1
294.5
296.7
292.5
296.1
299.7
303.5
304.7
306.3
311.5
313.5
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
11.4%
8.9%
9.8%
9.6%
-6.2%
-3.7%
-0.5%
4.9%
0.8%
1.2%
1.3%
0.5%
0.6%
Requested Throughput (Mb/s)

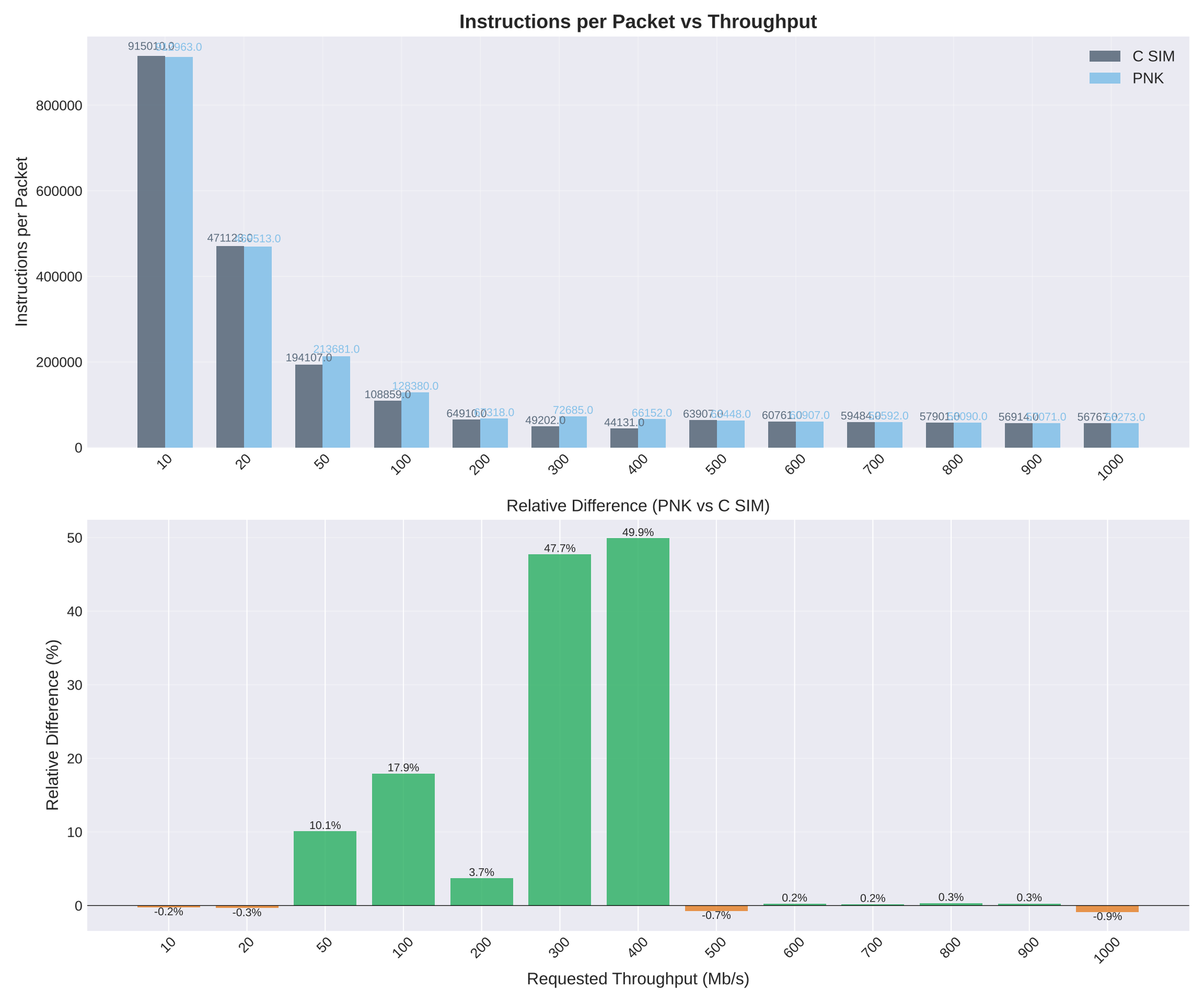

L1 I-TLB Misses per Packet vs Throughput
L1 I-TLB misses / Packet
C SIM
PNK
11.5
15.1
13.1
16.7
15.5
19.8
15.3
20.1
15.3
15.8
15.5
16.6
12.3
14.1
8.91
11.3
8.03
9.63
6.87
8.23
6.18
7.47
5.06
6.33
4.65
5.88
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
30.8%
27.5%
27.6%
31.0%
3.3%
6.6%
14.0%
27.4%
19.9%
19.8%
20.9%
25.1%
26.5%
Requested Throughput (Mb/s)

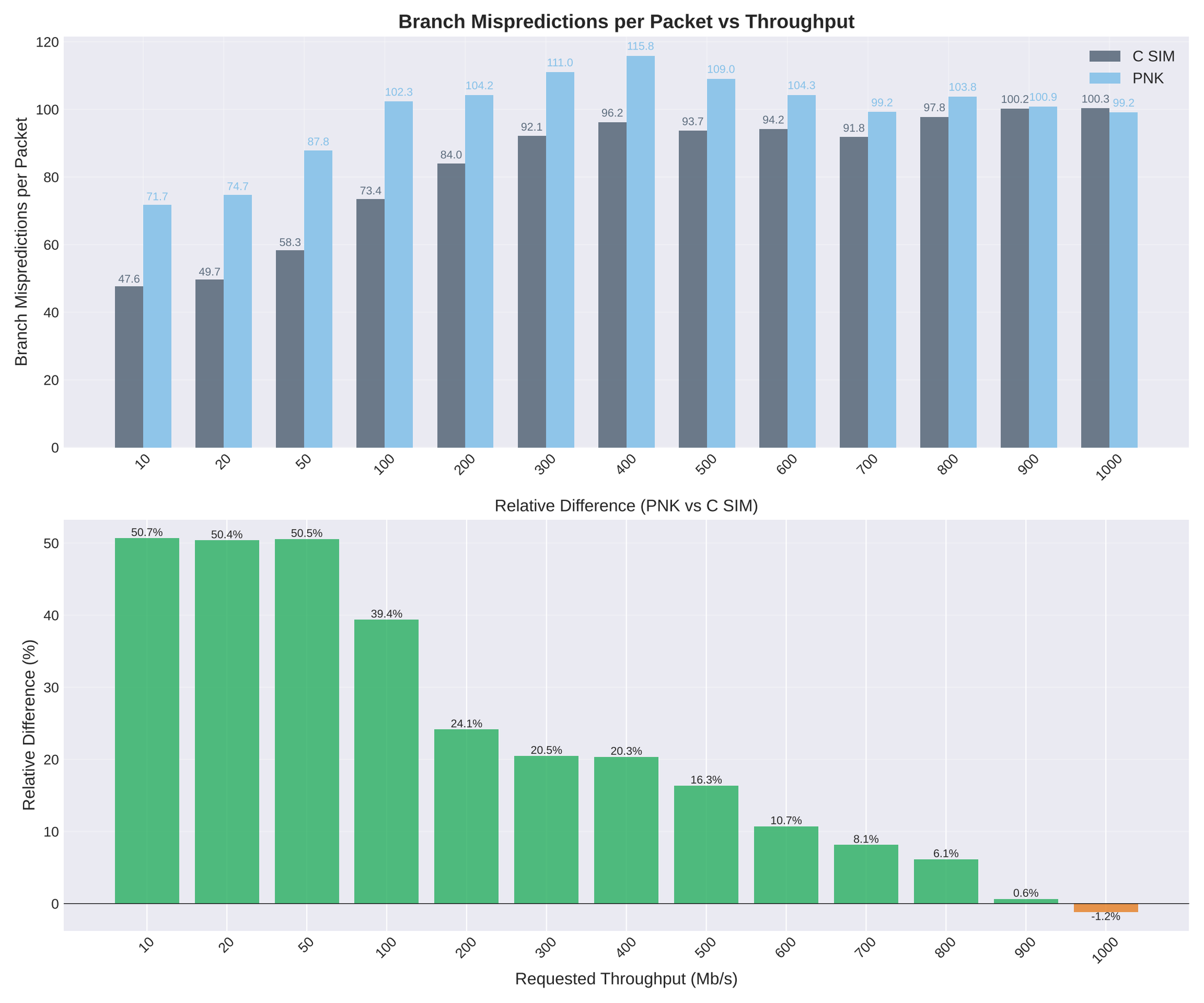

L1 D-TLB Misses per Packet vs Throughput
C SIM
PNK
L1 D-TLB misses / Packet
0
5
10
15
20
25
30
35
40
25.8
29.8
29.0
32.3
34.6
39.0
36.0
40.9
38.9
36.1
42.1
41.1
38.3
38.9
33.8
36.7
35.4
36.1
35.3
36.2
37.3
38.1
38.6
39.4
39.7
40.4
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
−5
0
5
10
15
15.5%
11.5%
12.6%
13.5%
-7.1%
-2.4%
1.6%
8.4%
2.1%
2.5%
2.1%
2.2%
1.9%
10
20
50
100
200
300
400
500
600
700
800
900
1000
Requested Throughput (Mb/s)


Instructions per Packet vs Throughput
C SIM
PNK
instructions / Packet
0
200000
400000
600000
800000
915010.0
910963.0
471123.0
233513.0
194107.0
213681.0
108859.0
128380.0
64910.0
67318.0
49202.0
72685.0
44131.0
66152.0
63907.0
60448.0
60761.0
60907.0
59484.0
60592.0
57901.0
60090.0
56914.0
60071.0
56767.0
60273.0
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
0
10
20
30
40
50
-0.2%
-0.3%
10.1%
17.9%
3.7%
47.7%
49.9%
-0.7%
0.2%
0.2%
0.3%
0.3%
-0.9%
10
20
50
100
200
300
400
500
600
700
800
900
1000
Requested Throughput (Mb/s)

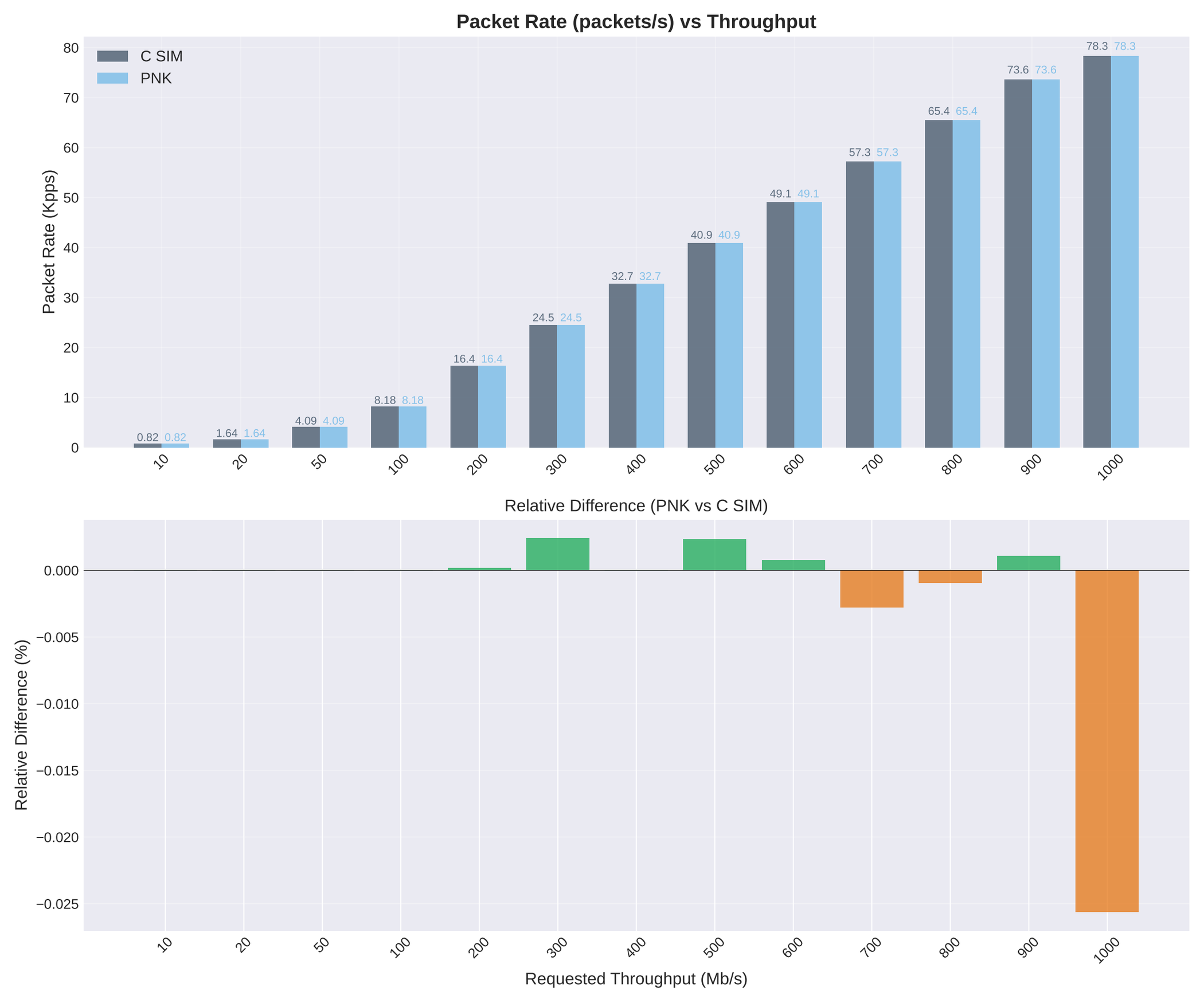

Branch Mispredictions per Packet vs Throughput
Branch mis-pred / Packet
C SIM
PNK
47.6
71.7
49.7
74.7
58.3
87.8
73.4
102.3
84.0
104.2
92.1
111.0
96.2
115.8
93.7
109.0
94.2
104.3
91.8
99.2
97.8
103.8
100.2
100.9
100.3
99.2
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
50.7%
50.4%
50.5%
39.4%
24.1%
20.5%
20.3%
16.3%
10.7%
8.1%
6.1%
0.6%
-1.2%
Requested Throughput (Mb/s)

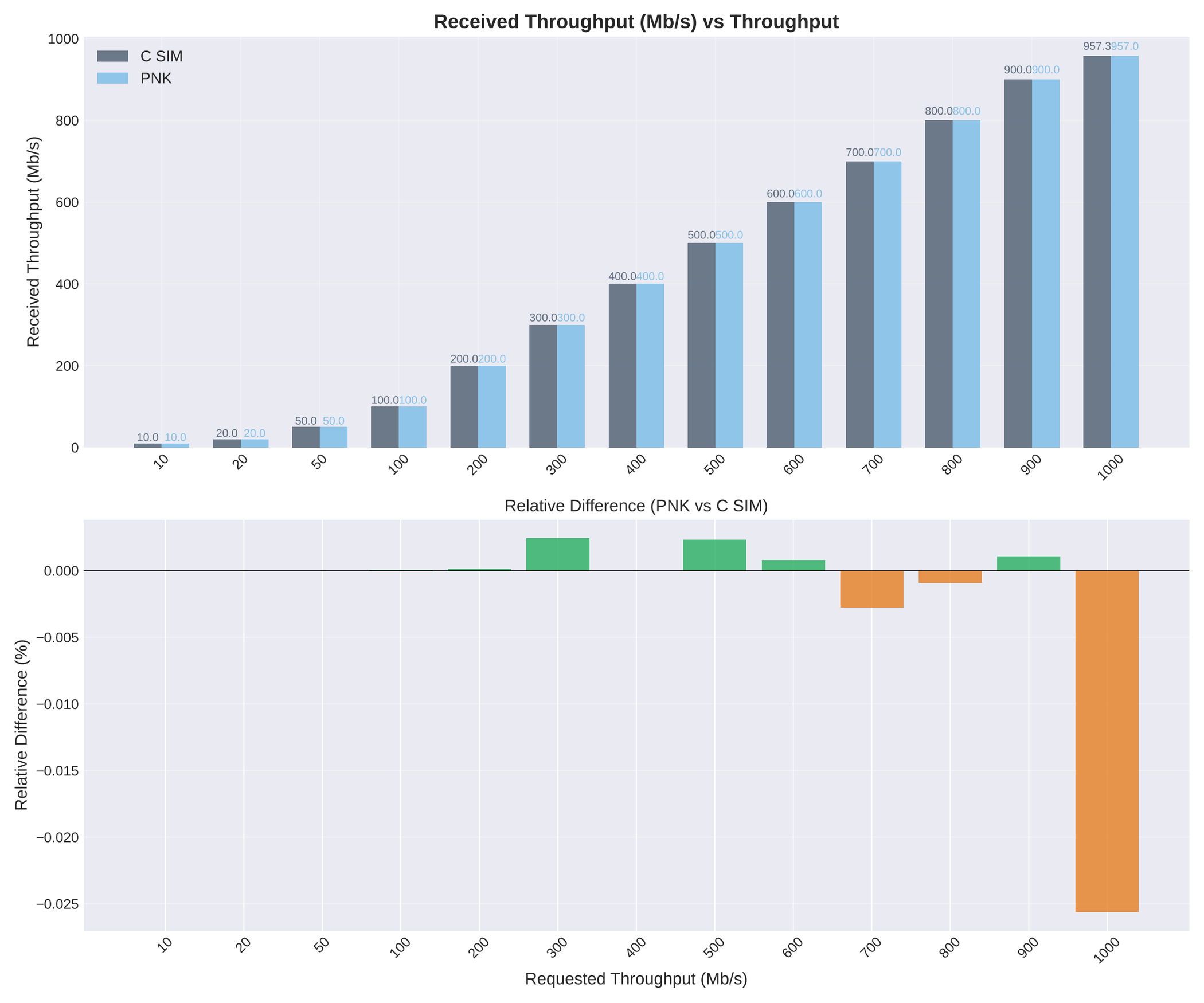

Cycles per Packet vs Throughput
1e6
C SIM
PNK
Cycles per Packet
1278868.0
1278895.0
690156.0
690133.0
337715.0
337718.0
219566.0
219561.0
161124.0
161119.0
141452.0
141367.0
131358.0
131360.0
125431.0
125319.0
121414.0
121330.0
119072.0
119066.0
116953.0
116966.0
115322.0
115321.0
115299.0
115265.0
0.0
0.2
0.4
0.6
0.8
1.0
1.2
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
0.0
−0.2
−0.4
−0.6
−0.8
-0.9%
Requested Throughput (Mb/s)

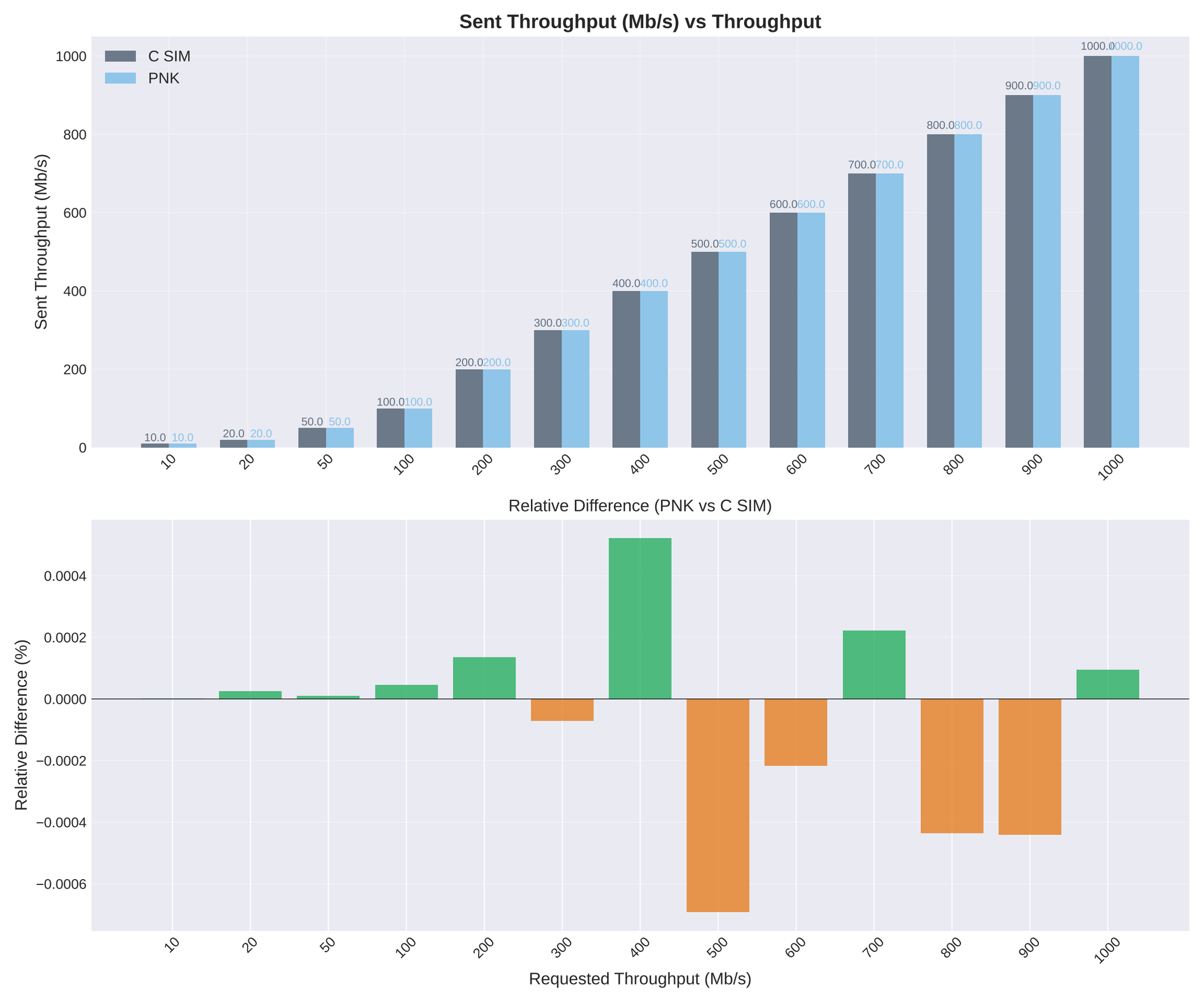

Instructions per Packet vs Throughput
C SIM
PNK
Instructions per Packet
0
200000
400000
600000
800000
915010.0
910963.0
471123.0
233513.0
194107.0
213681.0
108859.0
128380.0
64910.0
67318.0
49202.0
72685.0
44131.0
66152.0
63907.0
60448.0
60761.0
60907.0
59484.0
60592.0
57901.0
60090.0
56914.0
60071.0
56767.0
60273.0
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
0
10
20
30
40
50
-0.2%
-0.3%
10.1%
17.9%
3.7%
47.7%
49.9%
-0.7%
0.2%
0.2%
0.3%
0.3%
-0.9%
10
20
50
100
200
300
400
500
600
700
800
900
1000
Requested Throughput (Mb/s)


Branch Mispredictions per Packet vs Throughput
Branch Mispredictions per Packet
C SIM
PNK
47.6
71.7
49.7
74.7
58.3
87.8
73.4
102.3
84.0
104.2
92.1
111.0
96.2
115.8
93.7
109.0
94.2
104.3
91.8
99.2
97.8
103.8
100.2
100.9
100.3
99.2
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
50.7%
50.4%
50.5%
39.4%
24.1%
20.5%
20.3%
16.3%
10.7%
8.1%
6.1%
0.6%
-1.2%
Requested Throughput (Mb/s)


Mean Round-Trip Time (µs) vs Throughput
C SIM
PNK
Mean Round-Trip Time (µs)
1400
1200
1000
800
600
400
200
141.0
147.0
136.0
175.0
211.0
269.0
361.0
456.0
547.0
726.0
767.0
776.0
1359.0
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
20
15
10
5
0
−5
−10
2.1%
-11.6%
-8.1%
-1.7%
1.4%
2.2%
0.3%
20.0%
2.5%
-0.1%
0.5%
-0.6%
0.6%
Requested Throughput (Mb/s)


Packet Rate (packets/s) vs Throughput
C SIM
PNK
Packet Rate (Kpps)
0
10
20
30
40
50
60
70
80
0.82 0.82
1.64 1.64
4.09 4.09
8.18 8.18
16.4 16.4
24.5 24.5
32.7 32.7
40.9 40.9
49.1 49.1
57.3 57.3
65.4 65.4
73.6 73.6
78.3 78.3
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
Requested Throughput (Mb/s)


Received Throughput (Mb/s) vs Throughput
C SIM
PNK
Received Throughput (Mb/s)
0
200
400
600
800
1000
10.0 10.0
20.0 20.0
50.0 50.0
100.0 100.0
200.0 200.0
300.0 300.0
400.0 400.0
500.0 500.0
600.0 600.0
700.0 700.0
800.0 800.0
900.0 900.0
957.3 957.0
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
Requested Throughput (Mb/s)


Sent Throughput (Mb/s) vs Throughput
C SIM
PNK
Sent Throughput (Mb/s)
0
200
400
600
800
1000
10.0 10.0
20.0 20.0
50.0 50.0
100.0 100.0
200.0 200.0
300.0 300.0
400.0 400.0
500.0 500.0
600.0 600.0
700.0 700.0
800.0 800.0
900.0 900.0
1000.0 1000.0
10
20
50
100
200
300
400
500
600
700
800
900
1000
Relative Difference (PNK vs C SIM)
Relative Difference (%)
0.0004
0.0002
0.0000
−0.0002
−0.0004
−0.0006
Requested Throughput (Mb/s)