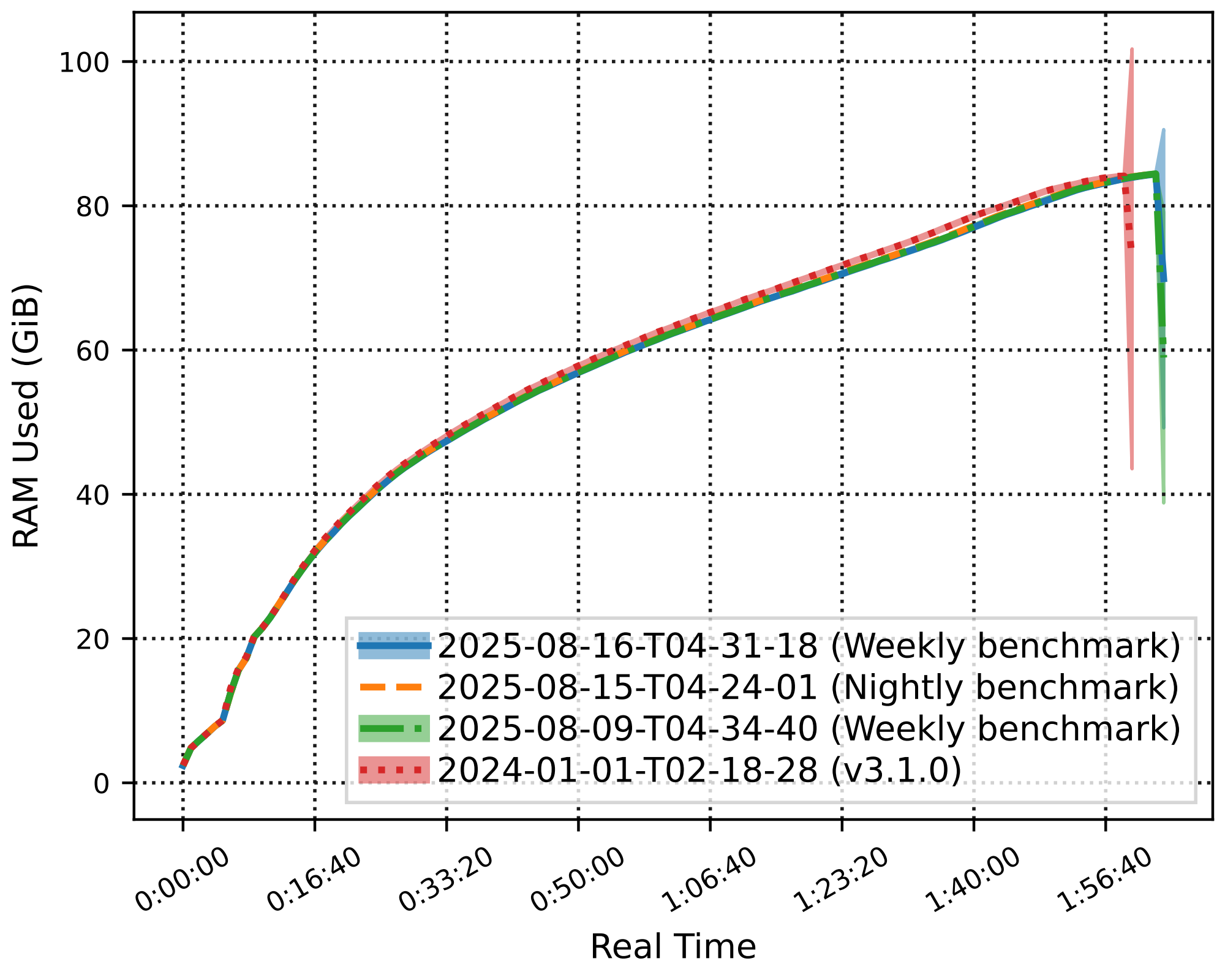
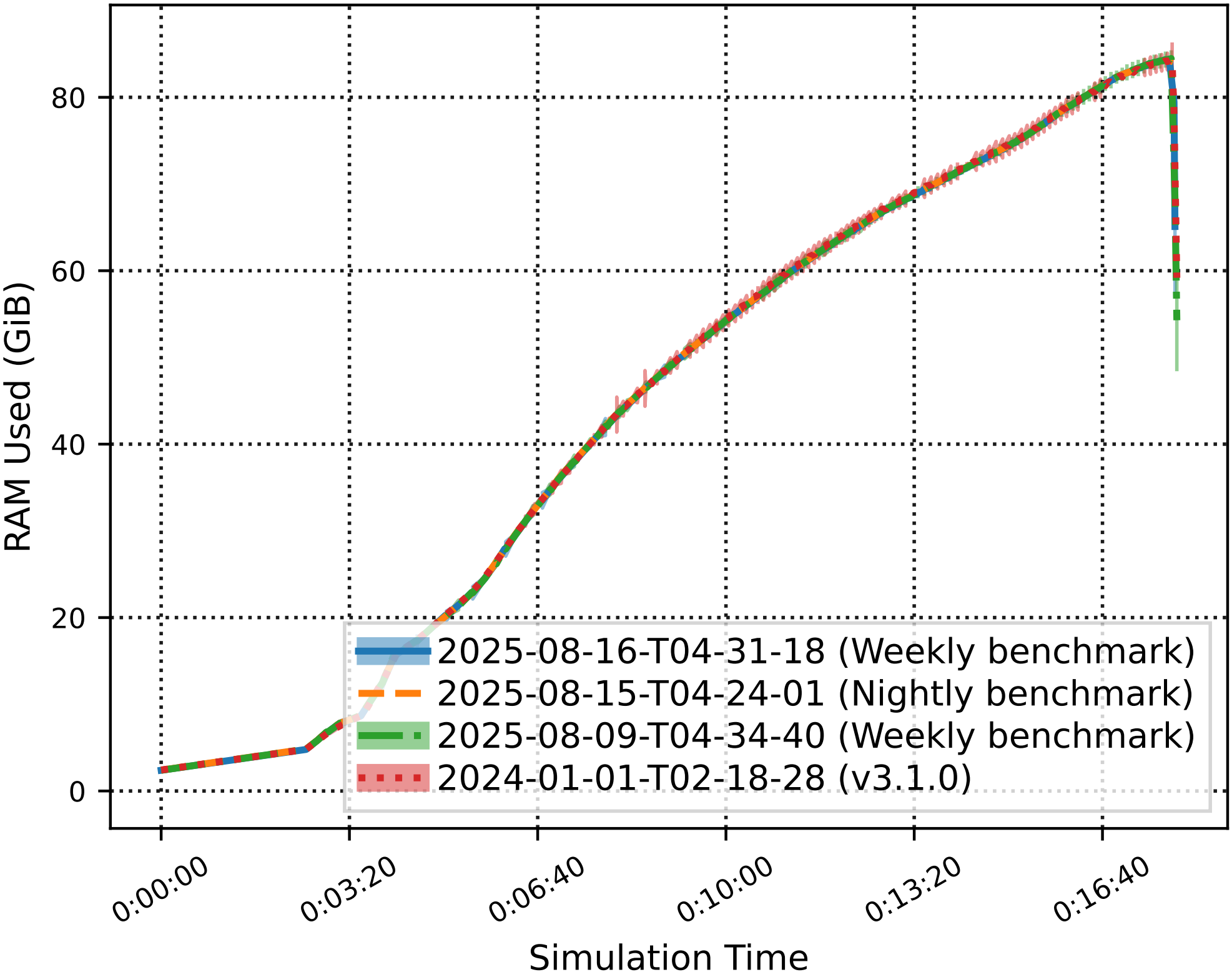
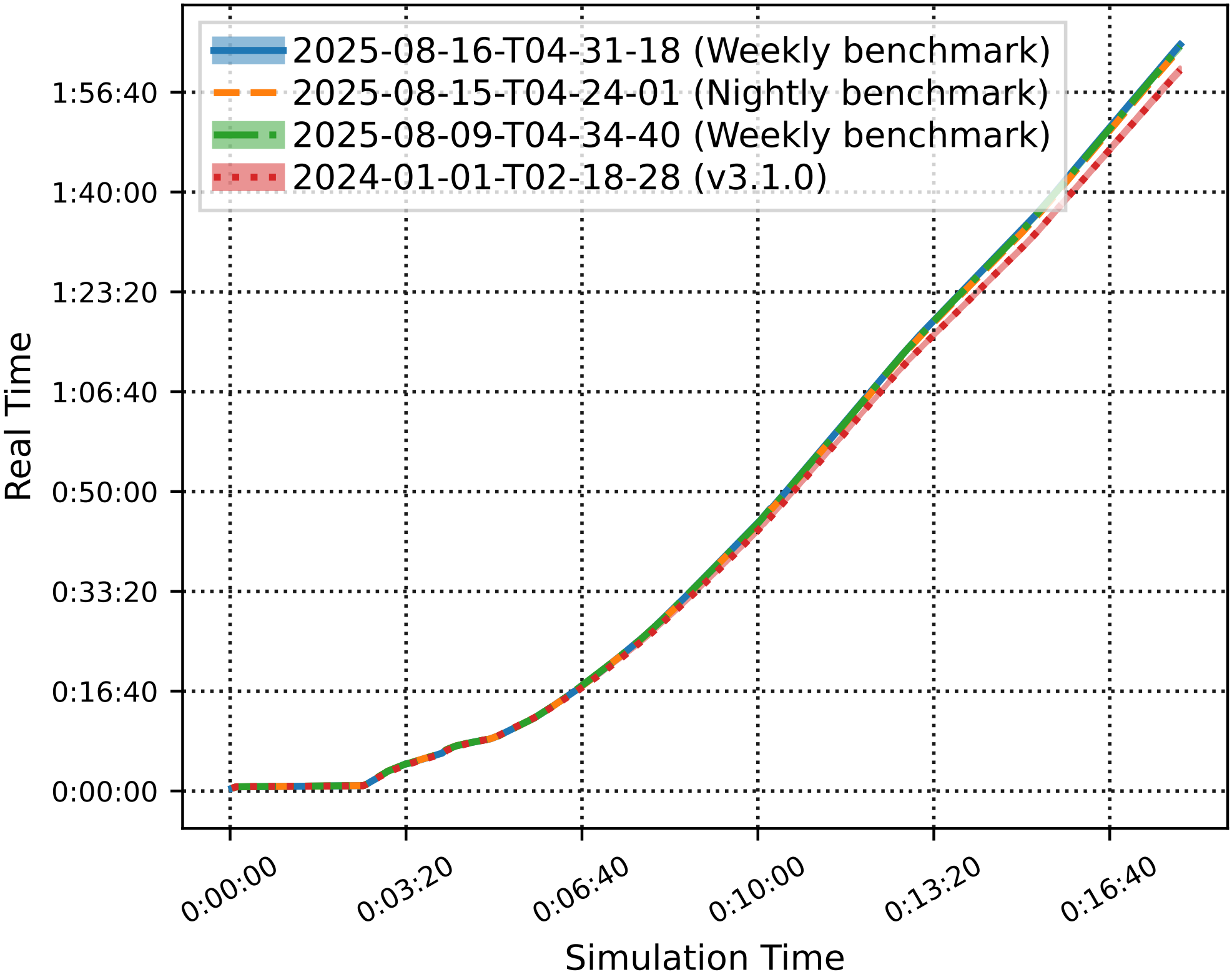
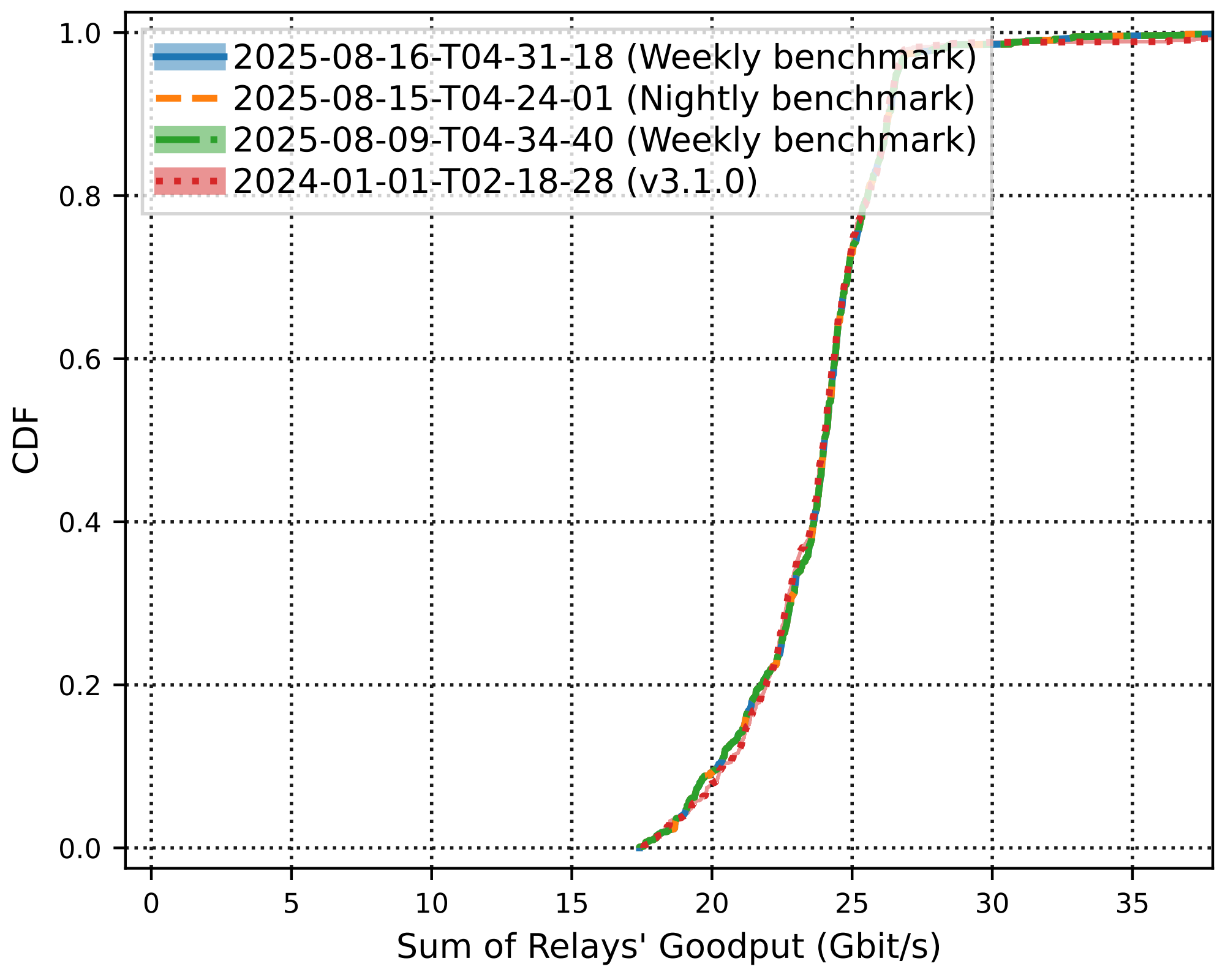
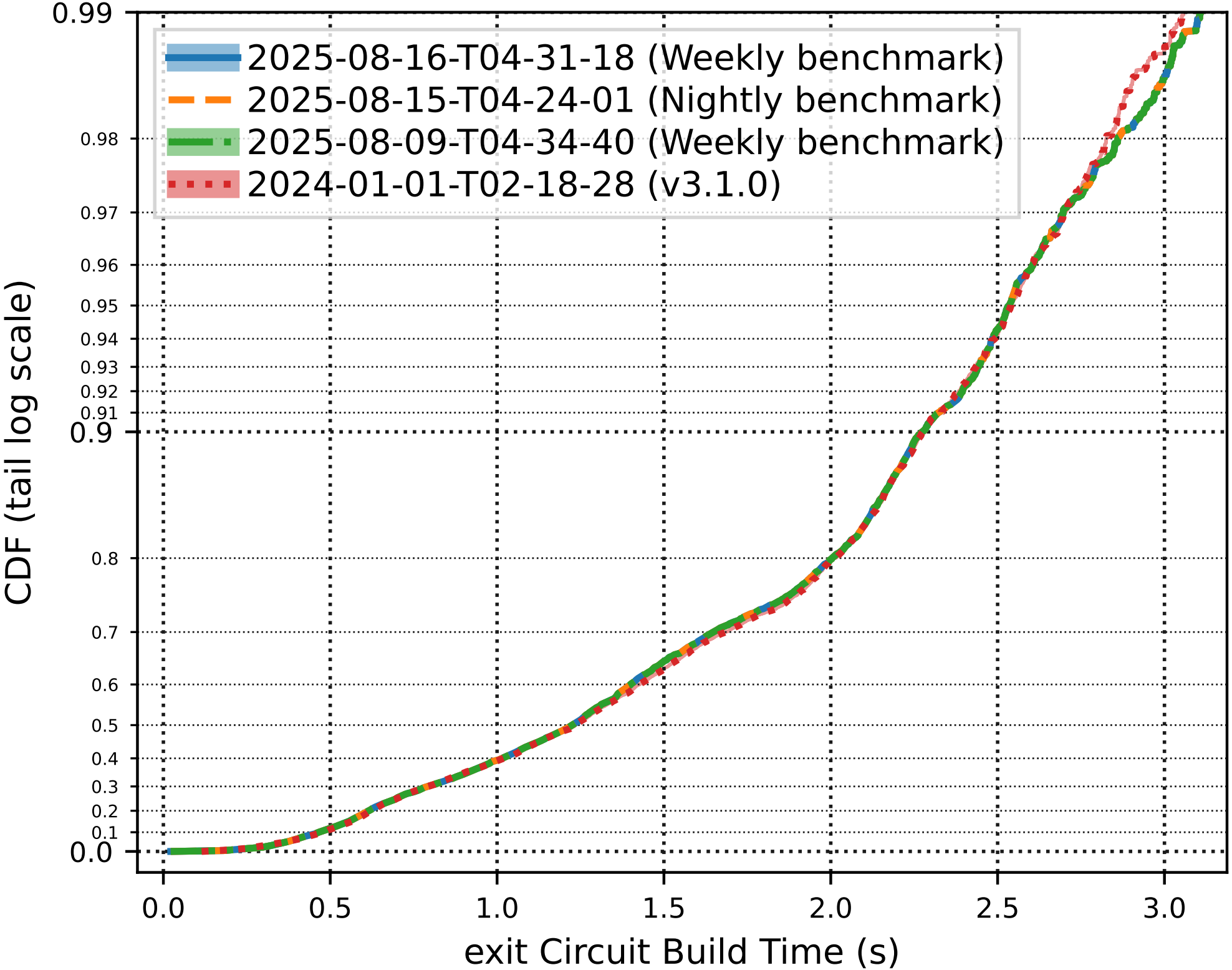
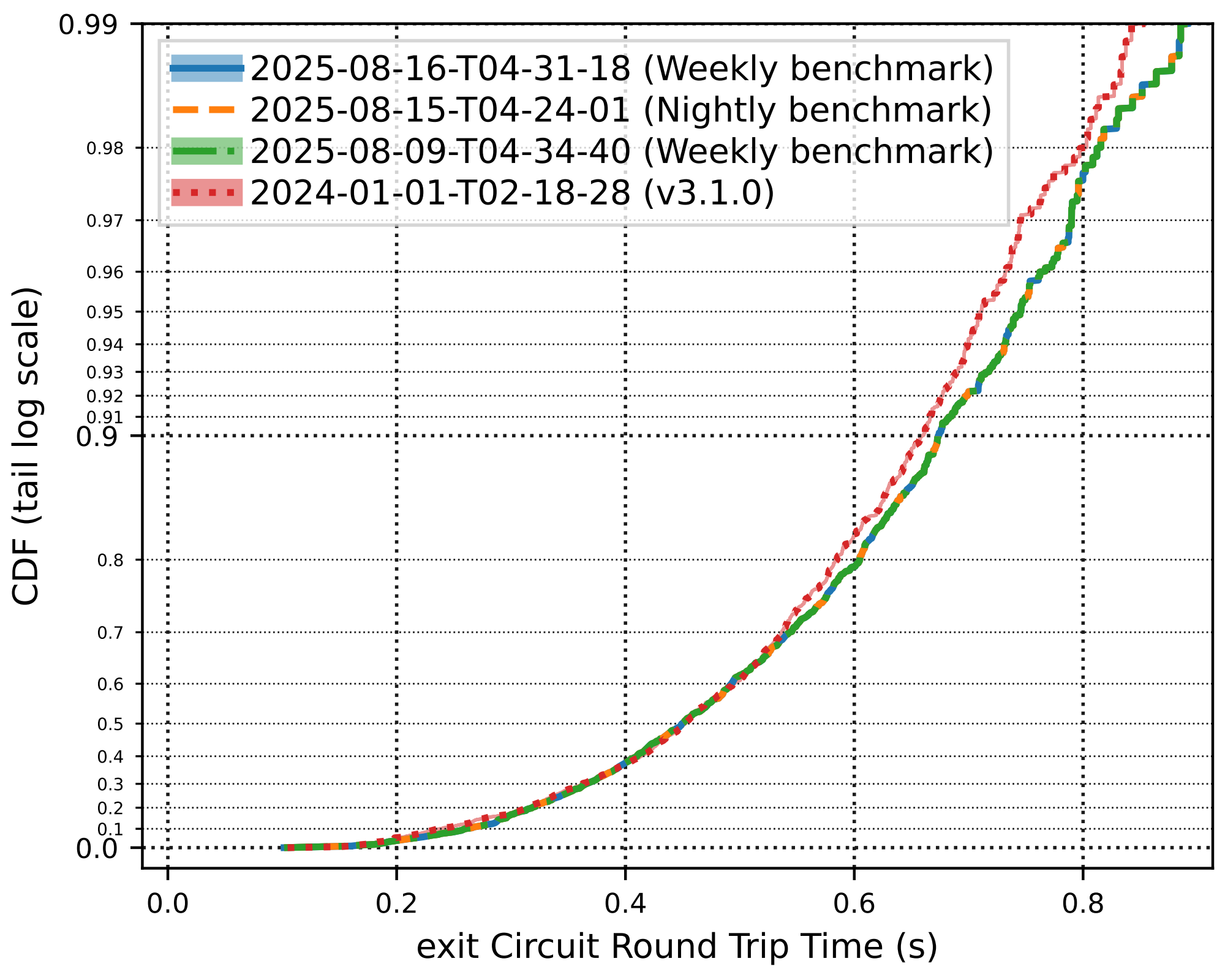

RAM Used (GiB)
100
80
60
40
20
0
0:00:00
0:16:40
0:33:20
0:50:00
1:06:40
1:23:20
1:40:00
1:56:40
Real Time
2025-08-16-T04-31-18 (Weekly benchmark)
2025-08-15-T04-24-01 (Nightly benchmark)
2025-08-09-T04-34-40 (Weekly benchmark)
2024-01-01-T02-18-28 (v3.1.0)

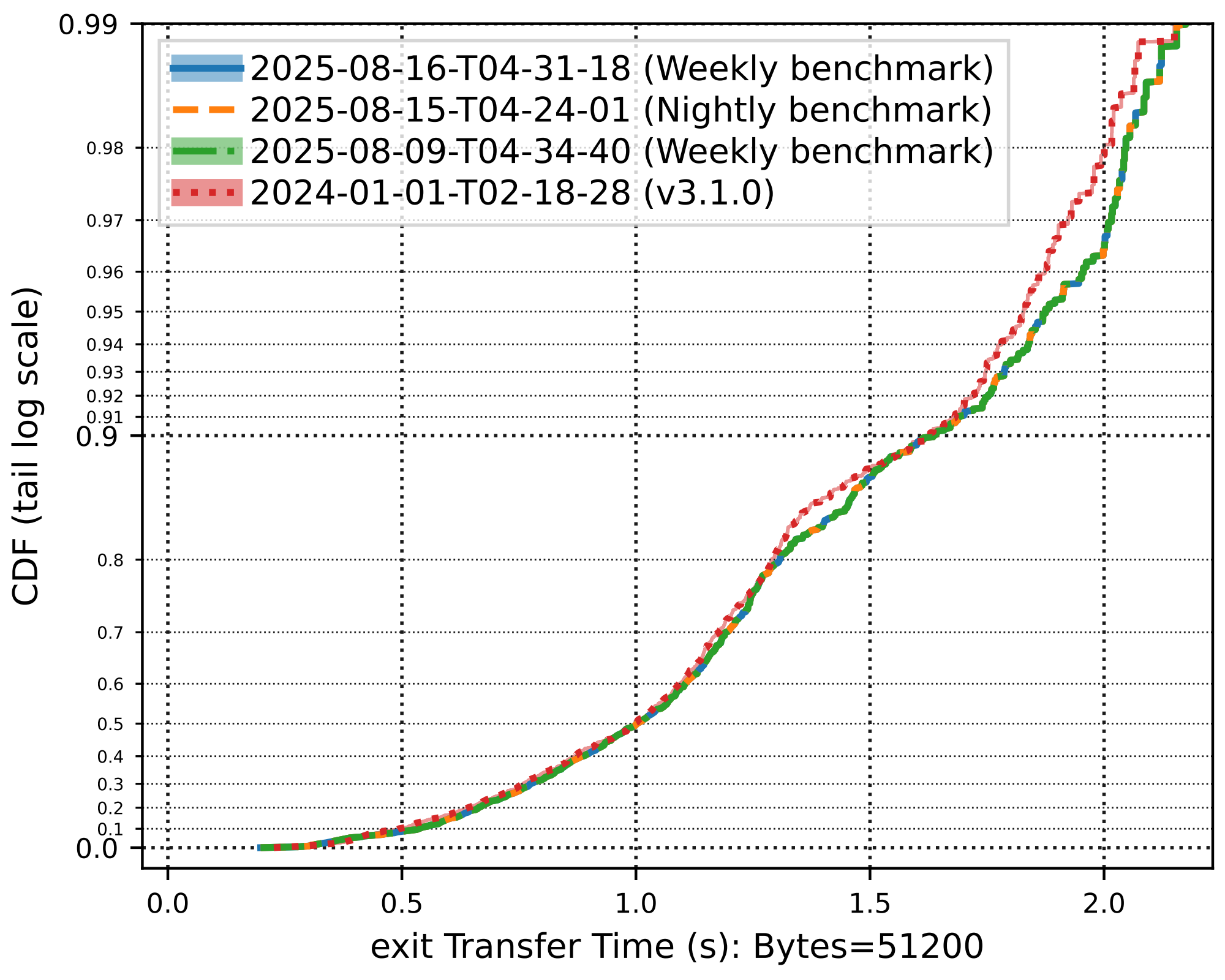

RAM Used (GiB)
80
60
40
20
0
0:00:00
0:03:20
0:06:40
0:10:00
0:13:20
0:16:40
Simulation Time
2025-08-16-T04-31-18 (Weekly benchmark)
2025-08-15-T04-24-01 (Nightly benchmark)
2025-08-09-T04-34-40 (Weekly benchmark)
2024-01-01-T02-18-28 (v3.1.0)

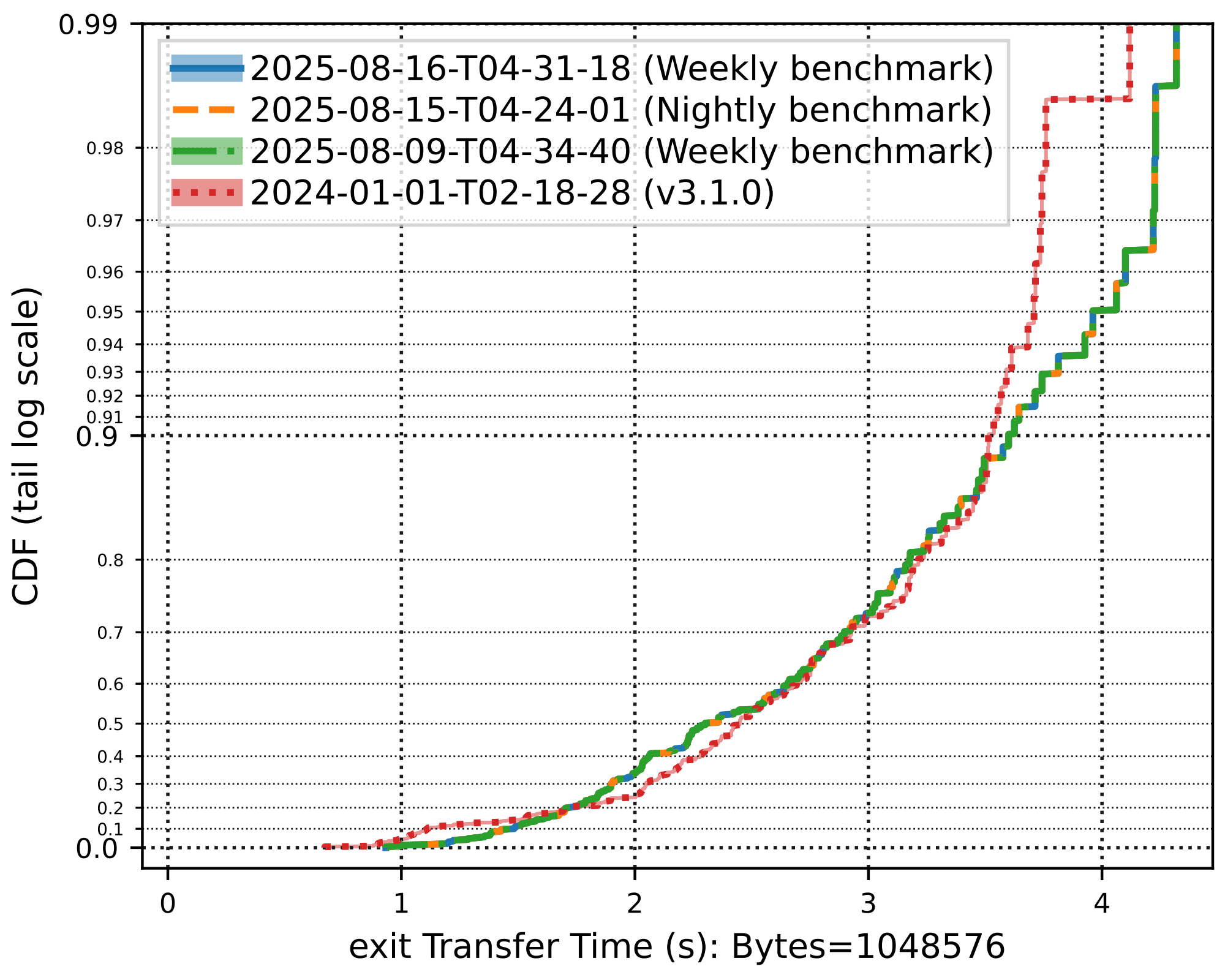

2025-08-16-T04-31-18 (Weekly benchmark)
2025-08-15-T04-24-01 (Nightly benchmark)
2025-08-09-T04-34-40 (Weekly benchmark)
2024-01-01-T02-18-28 (v3.1.0)
Real Time
1:56:40
1:40:00
1:23:20
1:06:40
0:50:00
0:33:20
0:16:40
0:00:00
0:00:00
0:03:20
0:06:40
0:10:00
0:13:20
0:16:40
Simulation Time

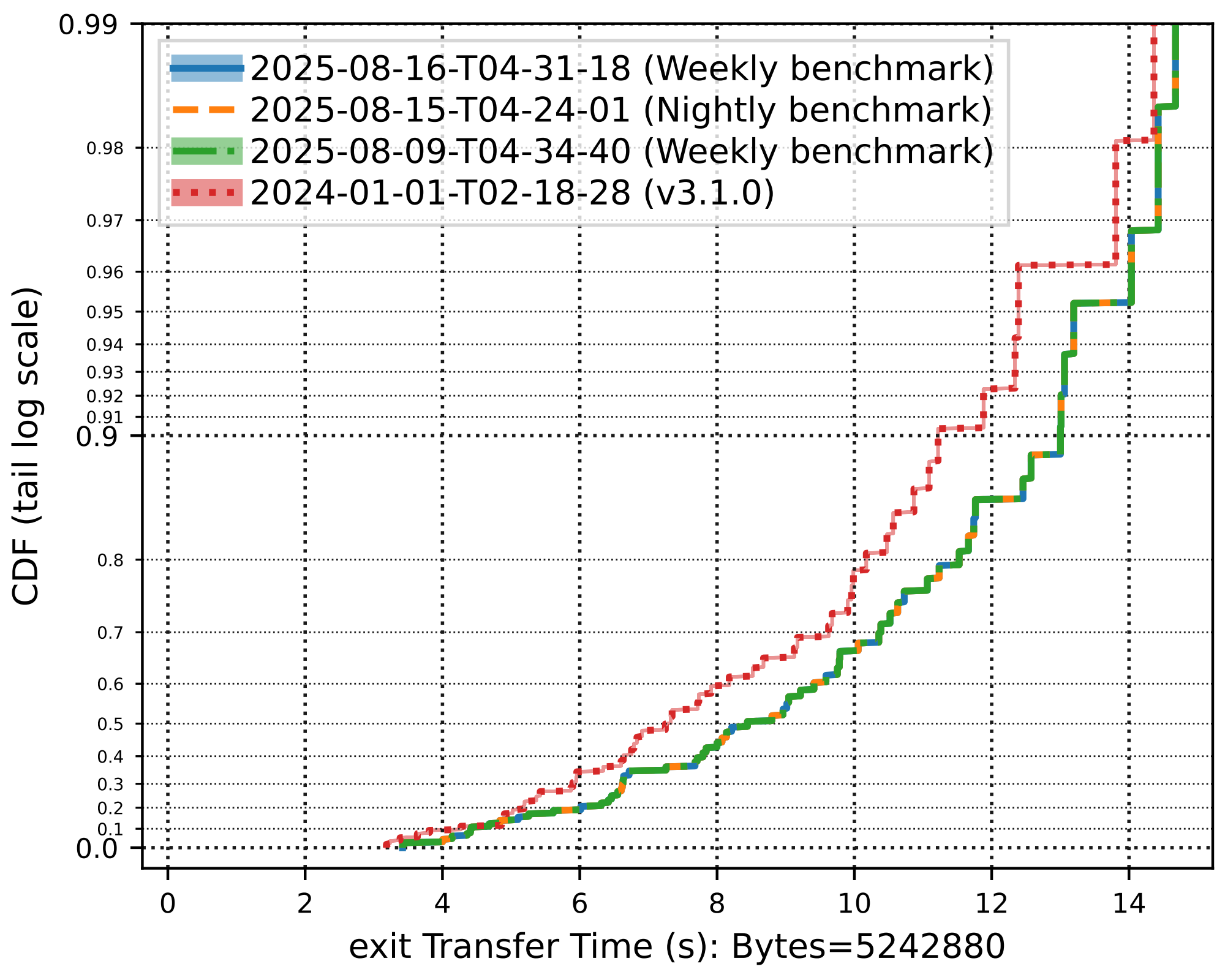

2025-08-16-T04-31-18 (Weekly benchmark)
2025-08-15-T04-24-01 (Nightly benchmark)
2025-08-09-T04-34-40 (Weekly benchmark)
2024-01-01-T02-18-28 (v3.1.0)
CDF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
35
Sum of Relays' Goodput (Gbit/s)

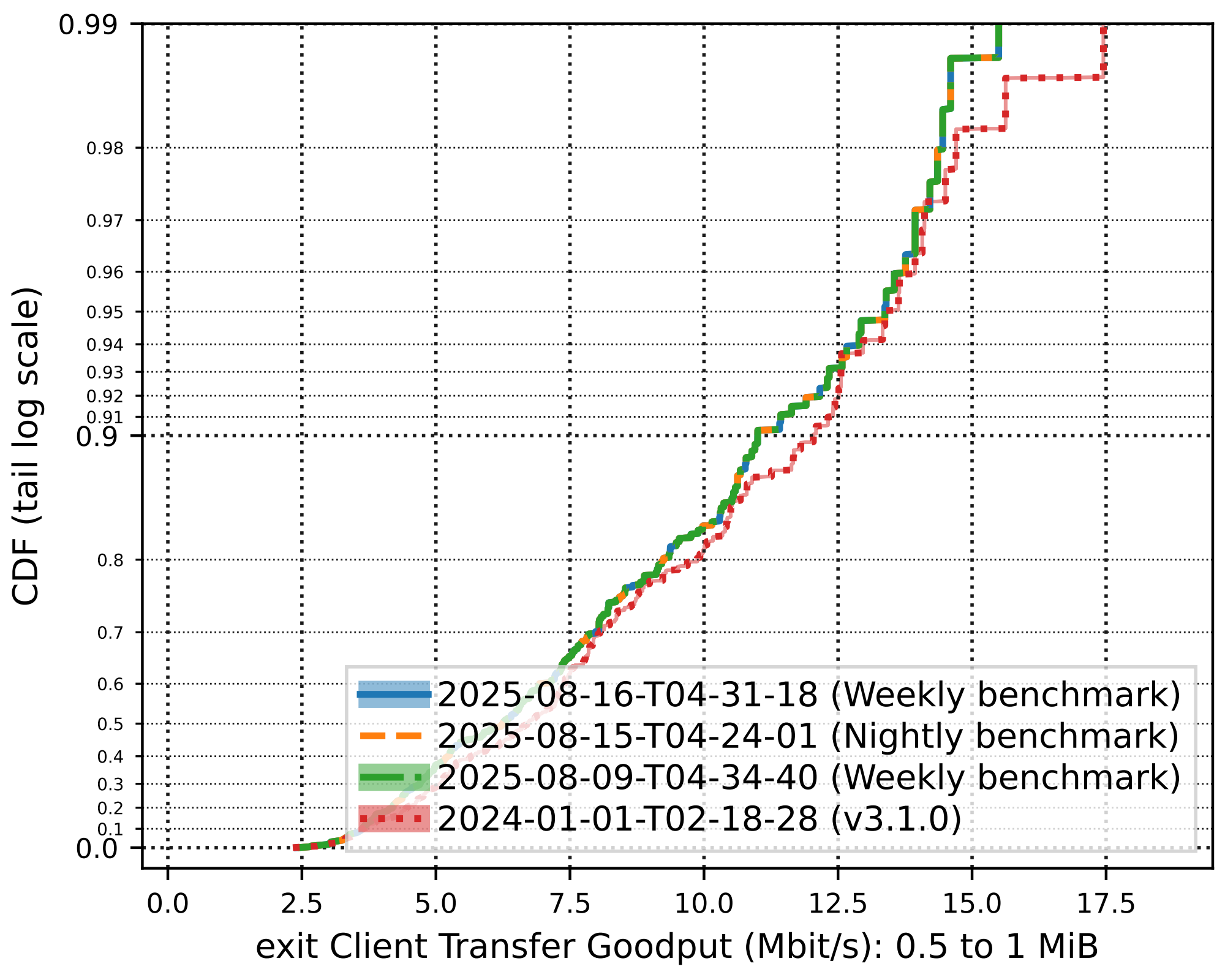

2025-08-16-T04-31-18 (Weekly benchmark)
2025-08-15-T04-24-01 (Nightly benchmark)
2025-08-09-T04-34-40 (Weekly benchmark)
2024-01-01-T02-18-28 (v3.1.0)
CDF (tail log scale)
0.99
0.98
0.97
0.96
0.95
0.94
0.93
0.92
0.91
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
exit Circuit Build Time (s)

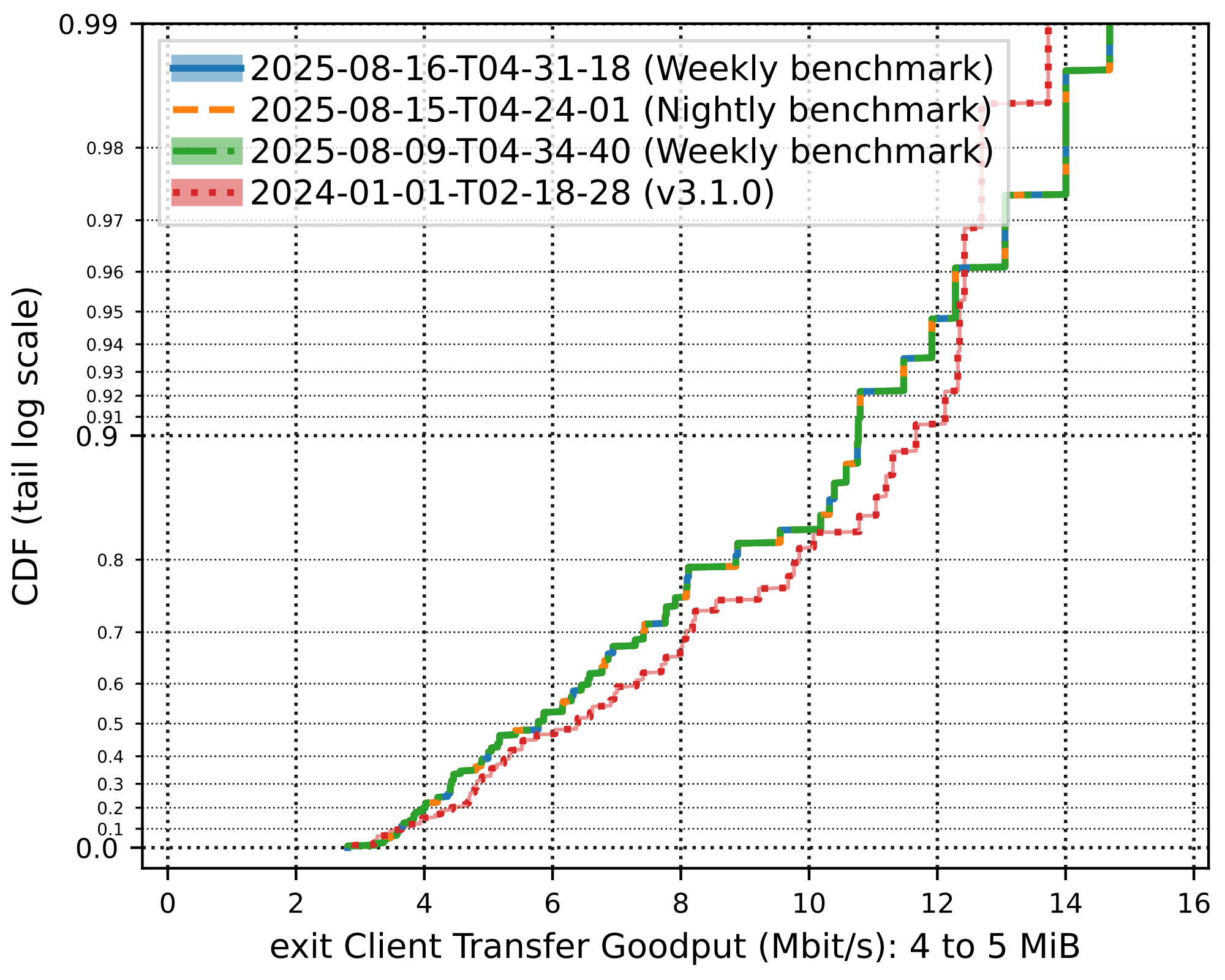

2025-08-16-T04-31-18 (Weekly benchmark)
2025-08-15-T04-24-01 (Nightly benchmark)
2025-08-09-T04-34-40 (Weekly benchmark)
2024-01-01-T02-18-28 (v3.1.0)
CDF (tail log scale)
0.99
0.98
0.97
0.96
0.95
0.94
0.93
0.92
0.91
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0
0.2
0.4
0.6
0.8
exit Circuit Round Trip Time (s)

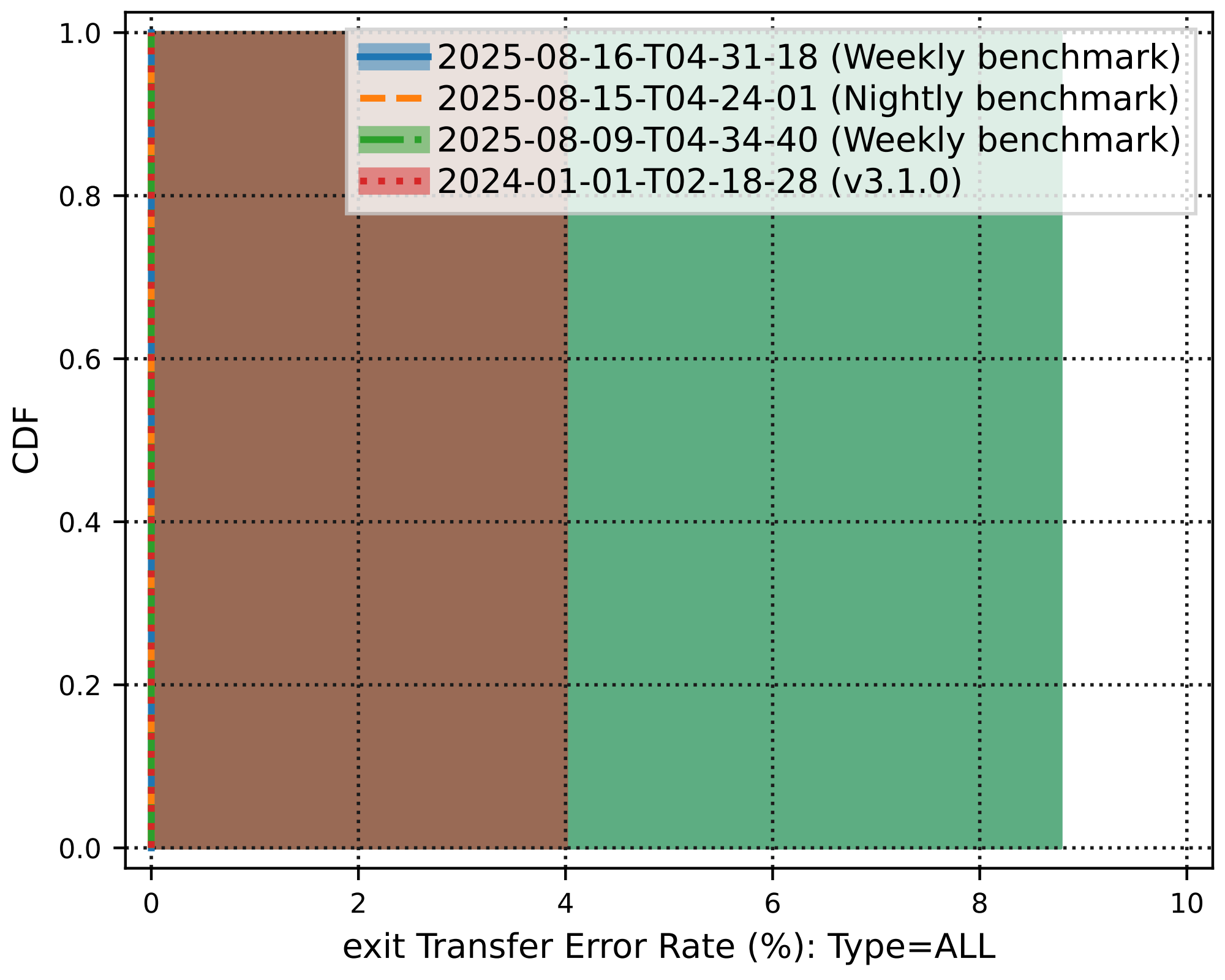

2025-08-16-T04-31-18 (Weekly benchmark)
2025-08-15-T04-24-01 (Nightly benchmark)
2025-08-09-T04-34-40 (Weekly benchmark)
2024-01-01-T02-18-28 (v3.1.0)
CDF (tail log scale)
0.99
0.98
0.97
0.96
0.95
0.94
0.93
0.92
0.91
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0
0.5
1.0
1.5
2.0
exit Transfer Time (s): Bytes=51200

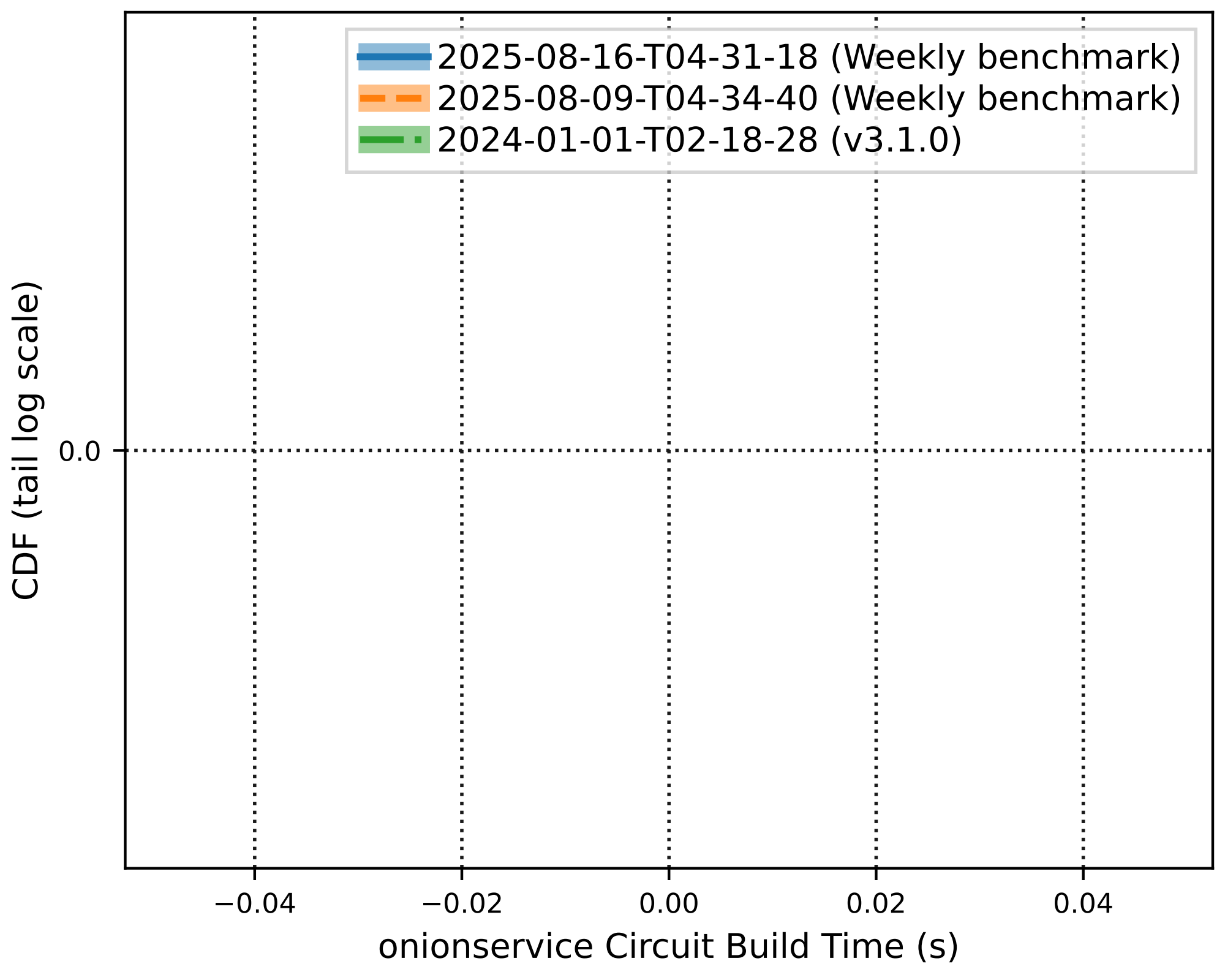

2025-08-16-T04-31-18 (Weekly benchmark)
2025-08-15-T04-24-01 (Nightly benchmark)
2025-08-09-T04-34-40 (Weekly benchmark)
2024-01-01-T02-18-28 (v3.1.0)
CDF (tail log scale)
0.99
0.98
0.97
0.96
0.95
0.94
0.93
0.92
0.91
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0
1
2
3
4
exit Transfer Time (s): Bytes=1048576

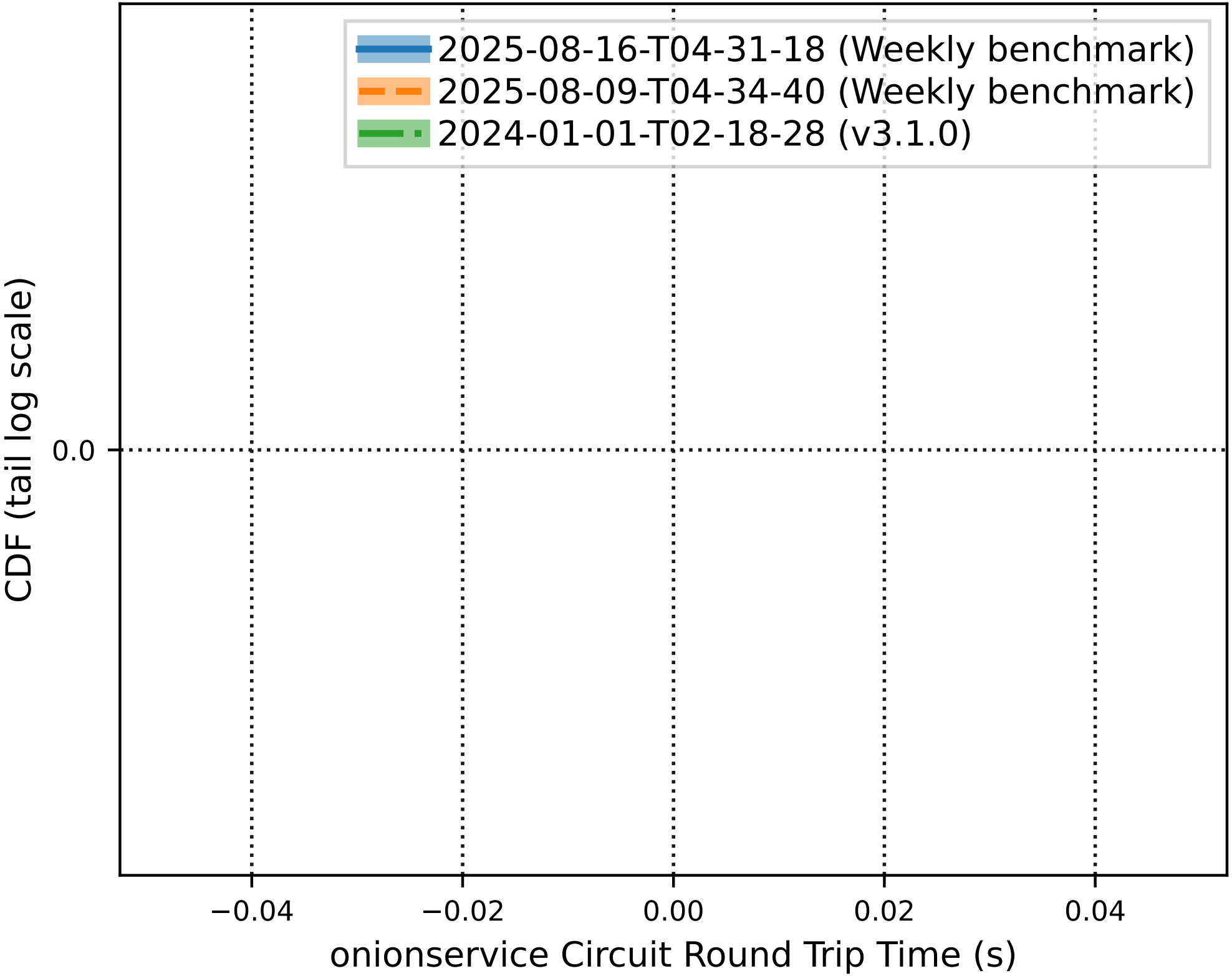

2025-08-16-T04-31-18 (Weekly benchmark)
2025-08-15-T04-24-01 (Nightly benchmark)
2025-08-09-T04-34-40 (Weekly benchmark)
2024-01-01-T02-18-28 (v3.1.0)
CDF (tail log scale)
0.99
0.98
0.97
0.96
0.95
0.94
0.93
0.92
0.91
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0
2
4
6
8
10
12
14
exit Transfer Time (s): Bytes=5242880

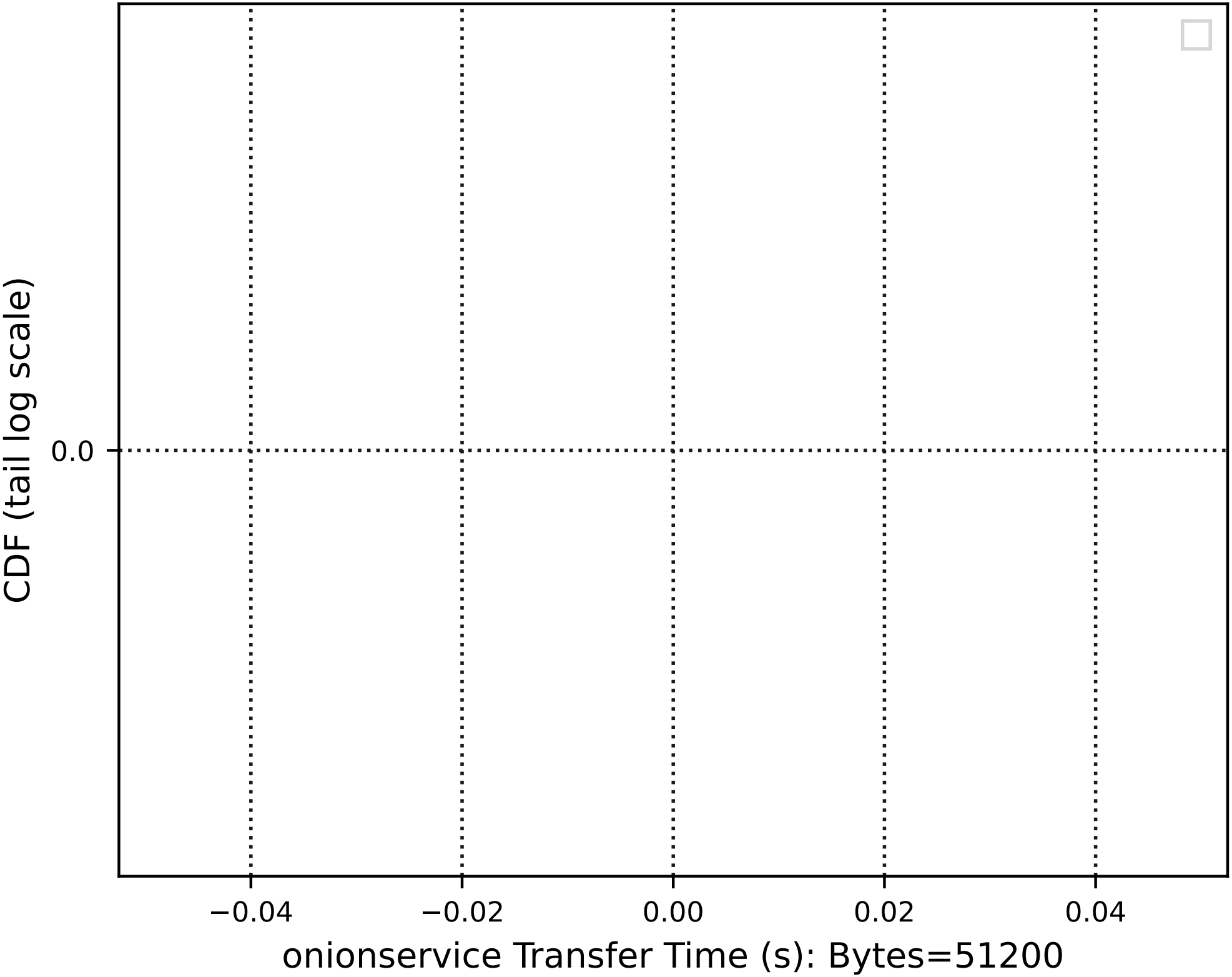

CDF (tail log scale)
0.99
0.98
0.97
0.96
0.95
0.94
0.93
0.92
0.91
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
exit Client Transfer Goodput (Mbit/s): 0.5 to 1 MiB
2025-08-16-T04-31-18 (Weekly benchmark)
2025-08-15-T04-24-01 (Nightly benchmark)
2025-08-09-T04-34-40 (Weekly benchmark)
2024-01-01-T02-18-28 (v3.1.0)

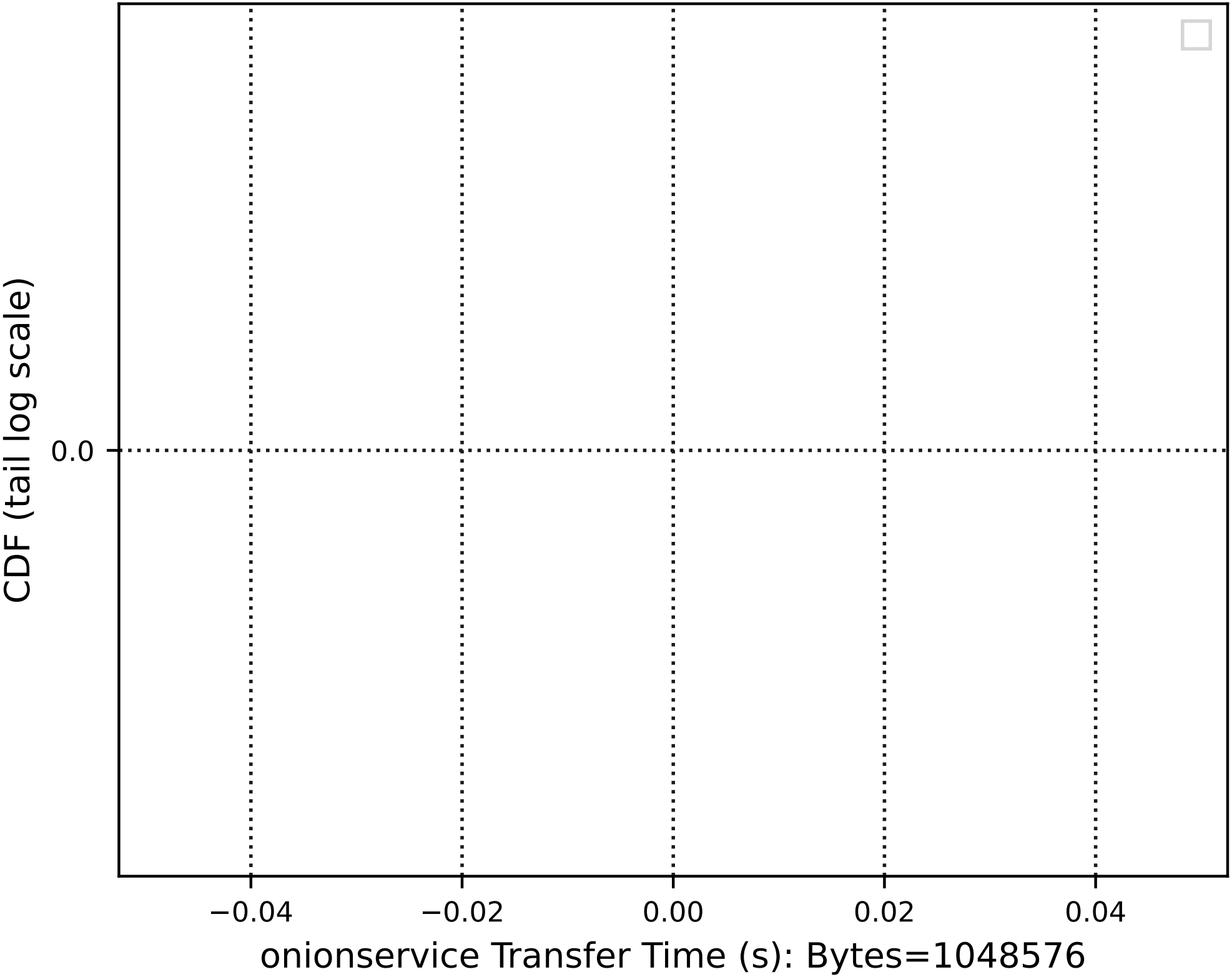

2025-08-16-T04-31-18 (Weekly benchmark)
2025-08-15-T04-24-01 (Nightly benchmark)
2025-08-09-T04-34-40 (Weekly benchmark)
2024-01-01-T02-18-28 (v3.1.0)
CDF (tail log scale)
0.99
0.98
0.97
0.96
0.95
0.94
0.93
0.92
0.91
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0
2
4
6
8
10
12
14
16
exit Client Transfer Goodput (Mbit/s): 4 to 5 MiB

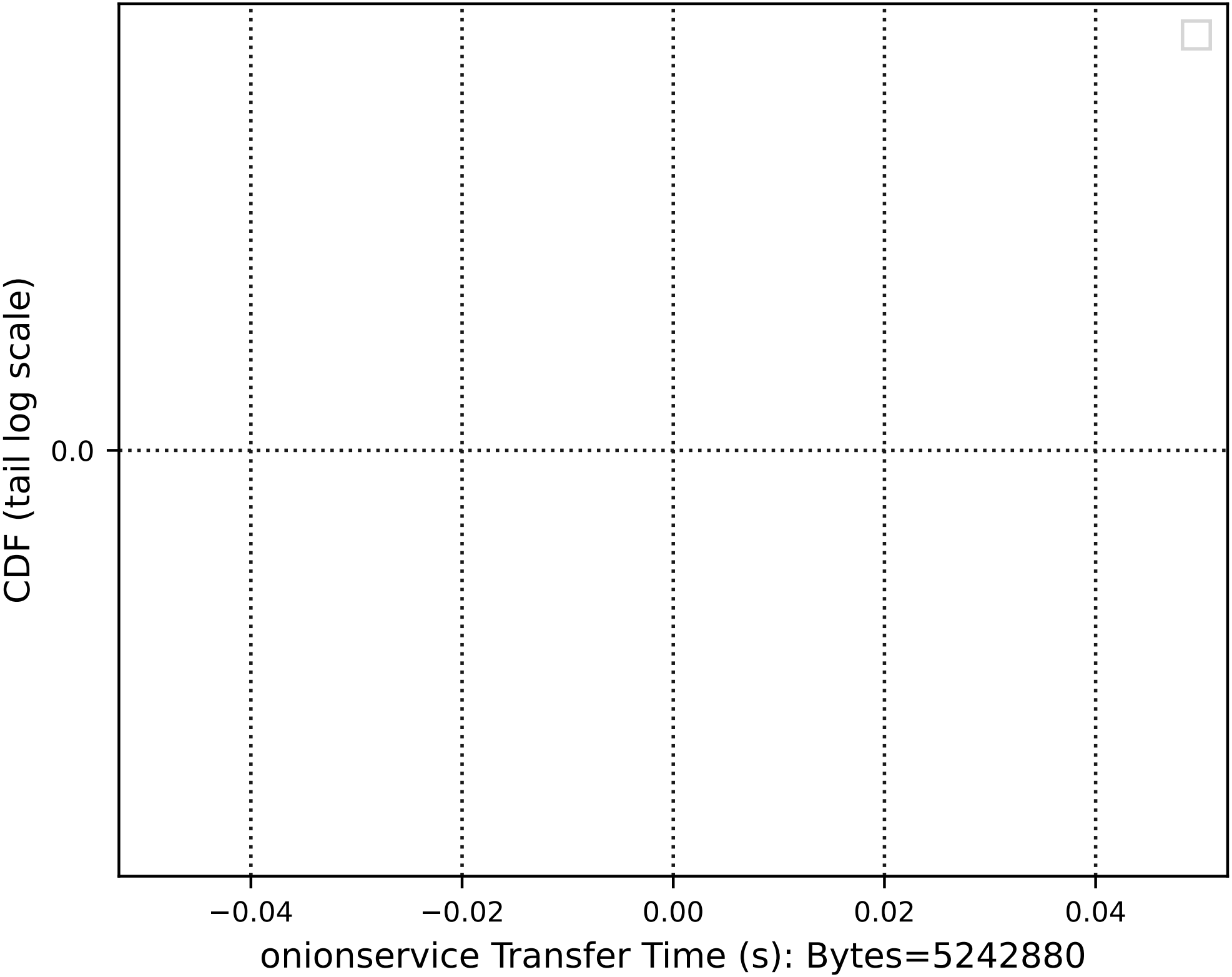

2025-08-16-T04-31-18 (Weekly benchmark)
2025-08-15-T04-24-01 (Nightly benchmark)
2025-08-09-T04-34-40 (Weekly benchmark)
2024-01-01-T02-18-28 (v3.1.0)
CDF
1.0
0.8
0.6
0.4
0.2
0.0
0
2
4
6
8
10
exit Transfer Error Rate (%): Type=ALL

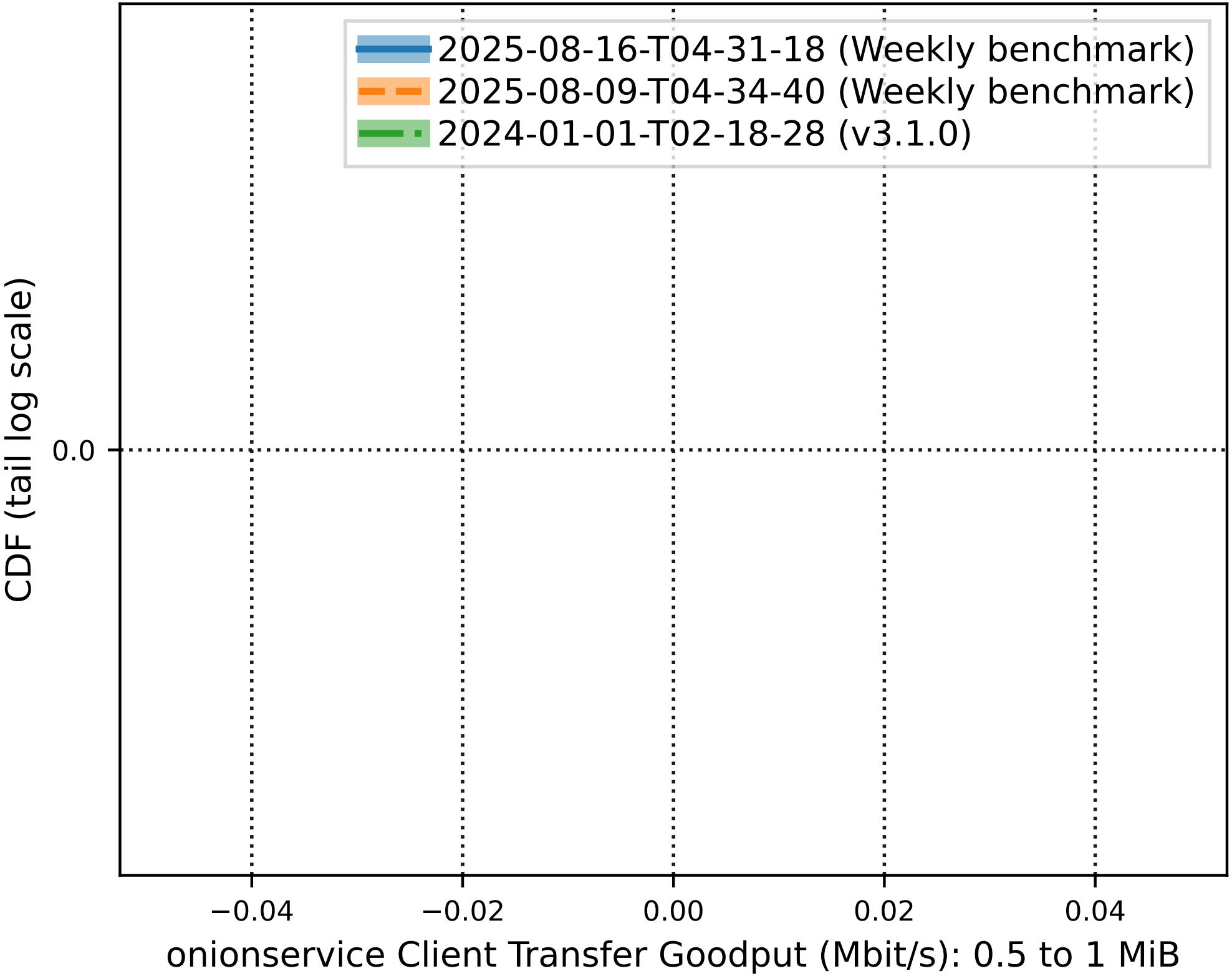

2025-08-16-T04-31-18 (Weekly benchmark)
2025-08-09-T04-34-40 (Weekly benchmark)
2024-01-01-T02-18-28 (v3.1.0)
CDF (tail log scale)
0.0
−0.04
−0.02
0.00
0.02
0.04
onionservice Circuit Build Time (s)

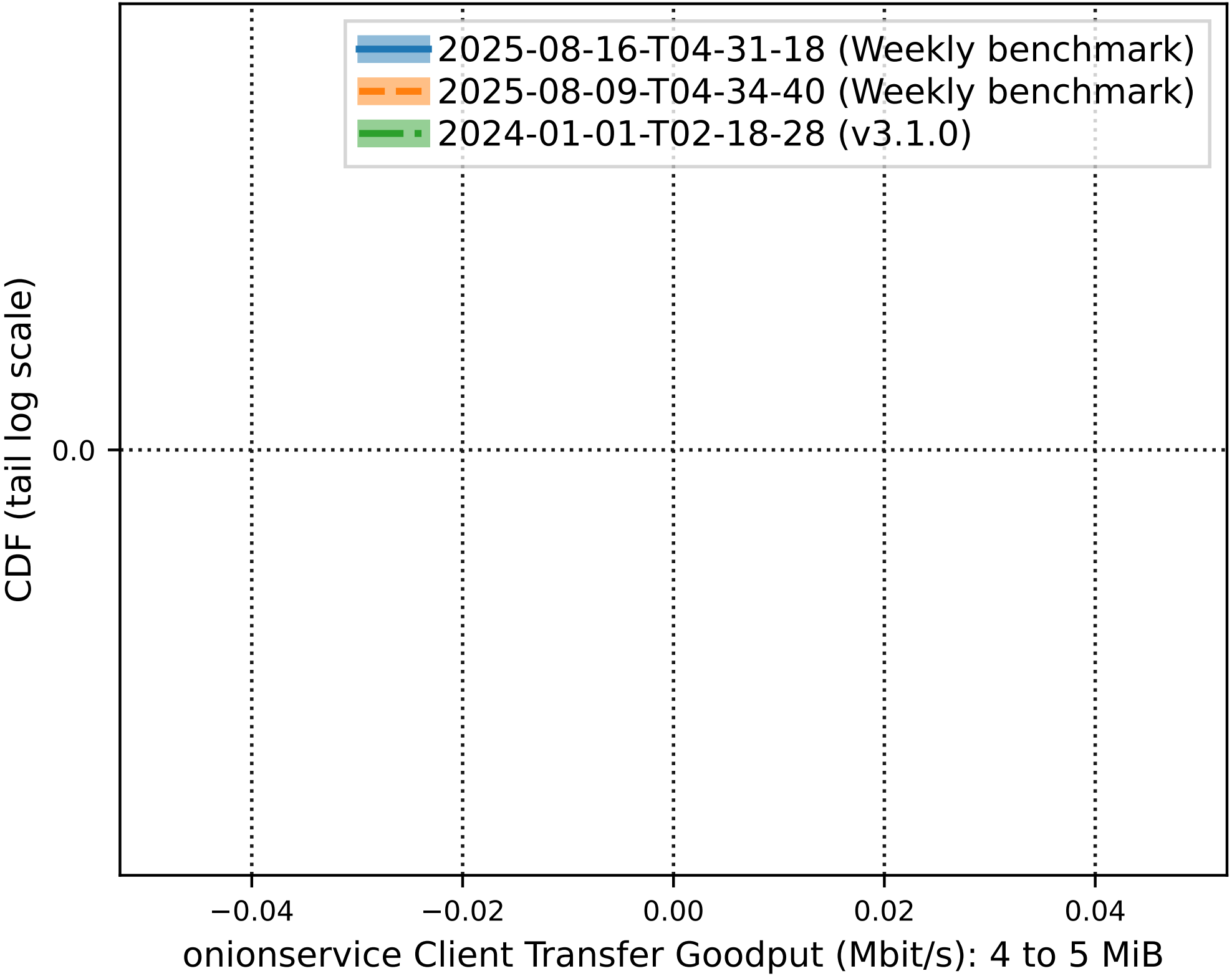

2025-08-16-T04-31-18 (Weekly benchmark)
2025-08-09-T04-34-40 (Weekly benchmark)
2024-01-01-T02-18-28 (v3.1.0)
CDF (tail log scale)
0.0
−0.04
−0.02
0.00
0.02
0.04
onionservice Circuit Round Trip Time (s)

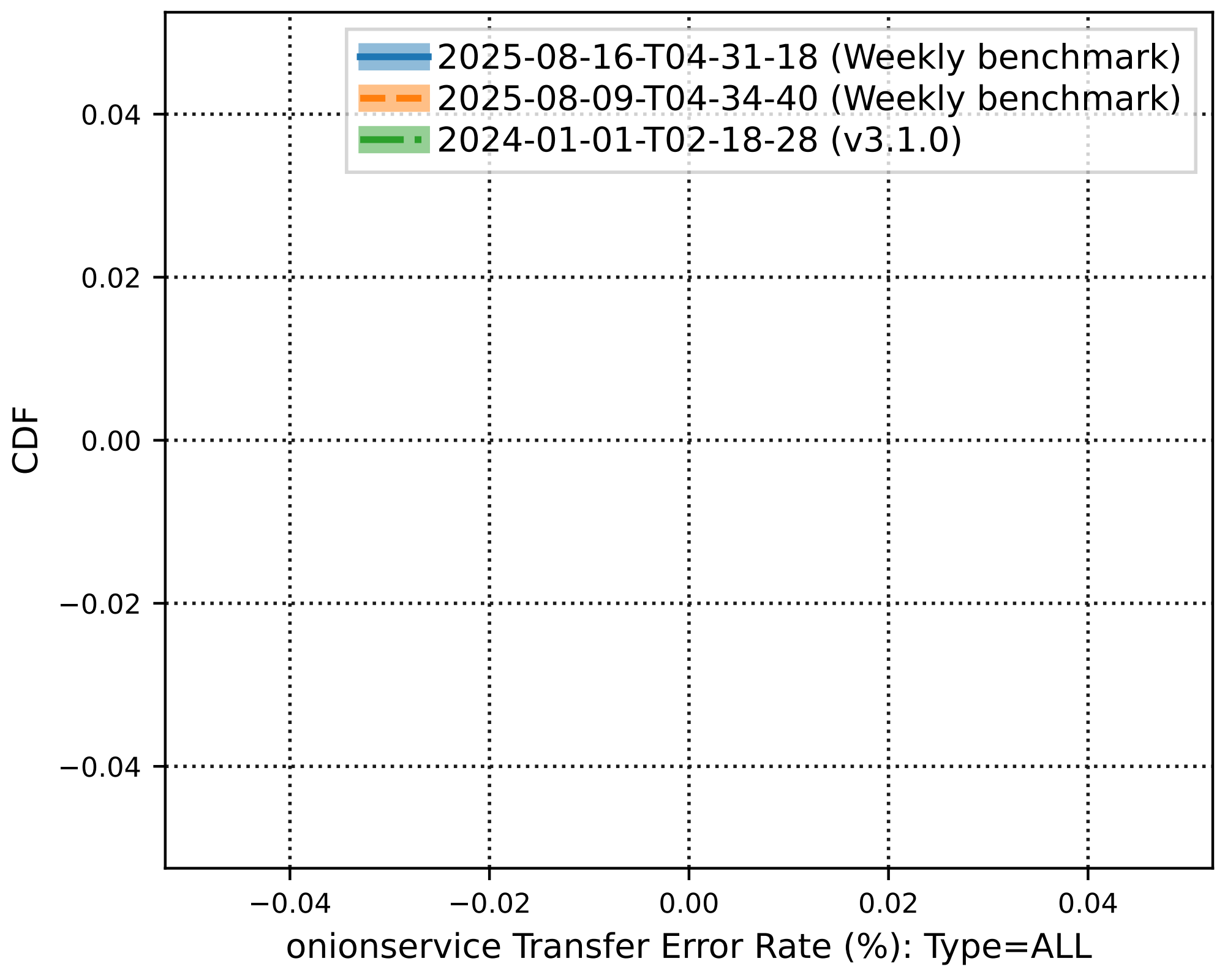

CDF (tail log scale)
0.0
−0.04
−0.02
0.00
0.02
0.04
onionservice Transfer Time (s): Bytes=51200


CDF (tail log scale)
0.0
−0.04
−0.02
0.00
0.02
0.04
onionservice Transfer Time (s): Bytes=1048576


CDF (tail log scale)
0.0
−0.04
−0.02
0.00
0.02
0.04
onionservice Transfer Time (s): Bytes=5242880


2025-08-16-T04-31-18 (Weekly benchmark)
2025-08-09-T04-34-40 (Weekly benchmark)
2024-01-01-T02-18-28 (v3.1.0)
CDF (tail log scale)
0.0
−0.04
−0.02
0.00
0.02
0.04
onionservice Client Transfer Goodput (Mbit/s): 0.5 to 1 MiB


2025-08-16-T04-31-18 (Weekly benchmark)
2025-08-09-T04-34-40 (Weekly benchmark)
2024-01-01-T02-18-28 (v3.1.0)
CDF (tail log scale)
0.0
−0.04
−0.02
0.00
0.02
0.04
onionservice Client Transfer Goodput (Mbit/s): 4 to 5 MiB


2025-08-16-T04-31-18 (Weekly benchmark)
2025-08-09-T04-34-40 (Weekly benchmark)
2024-01-01-T02-18-28 (v3.1.0)
CDF
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
onionservice Transfer Error Rate (%): Type=ALL