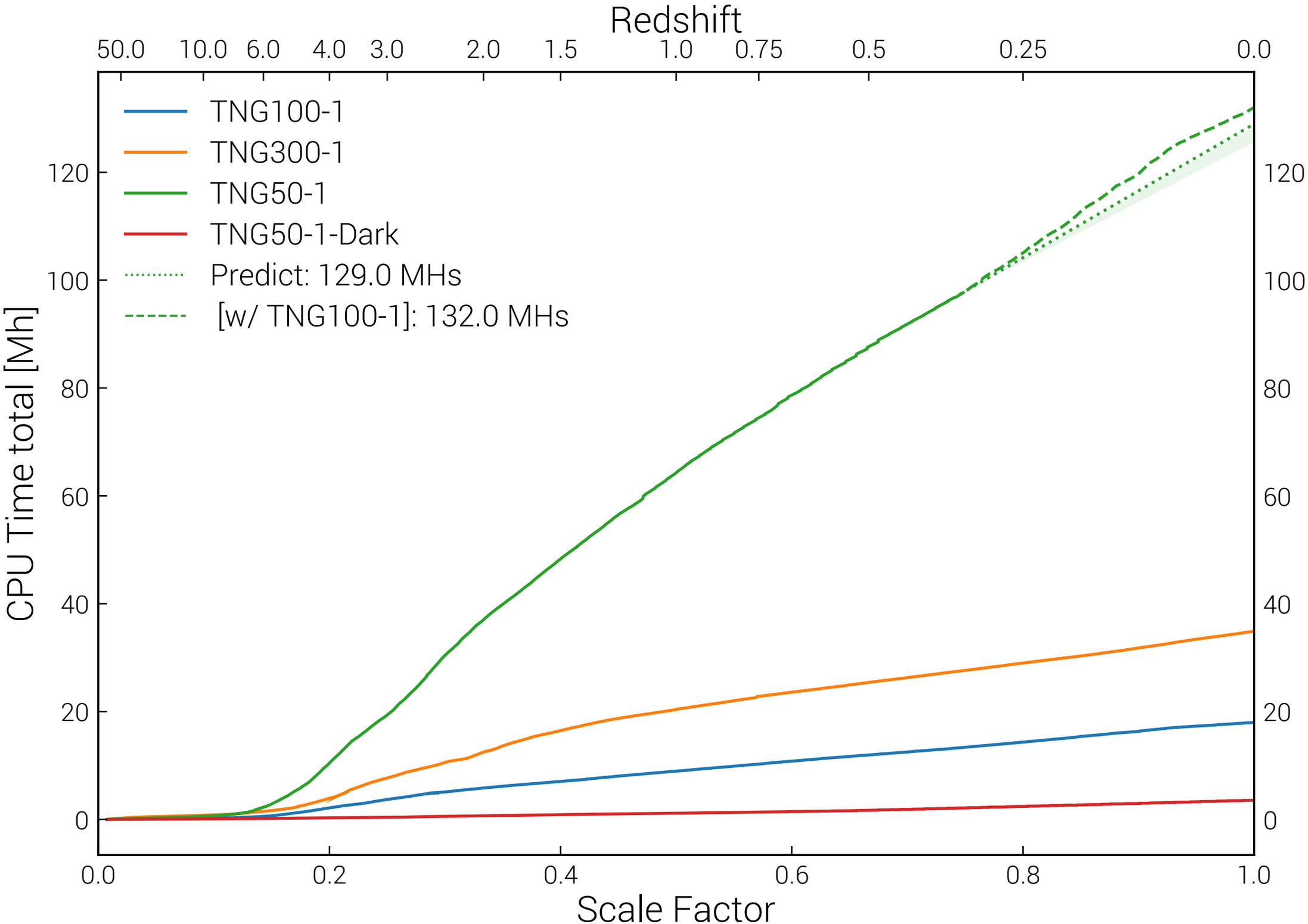
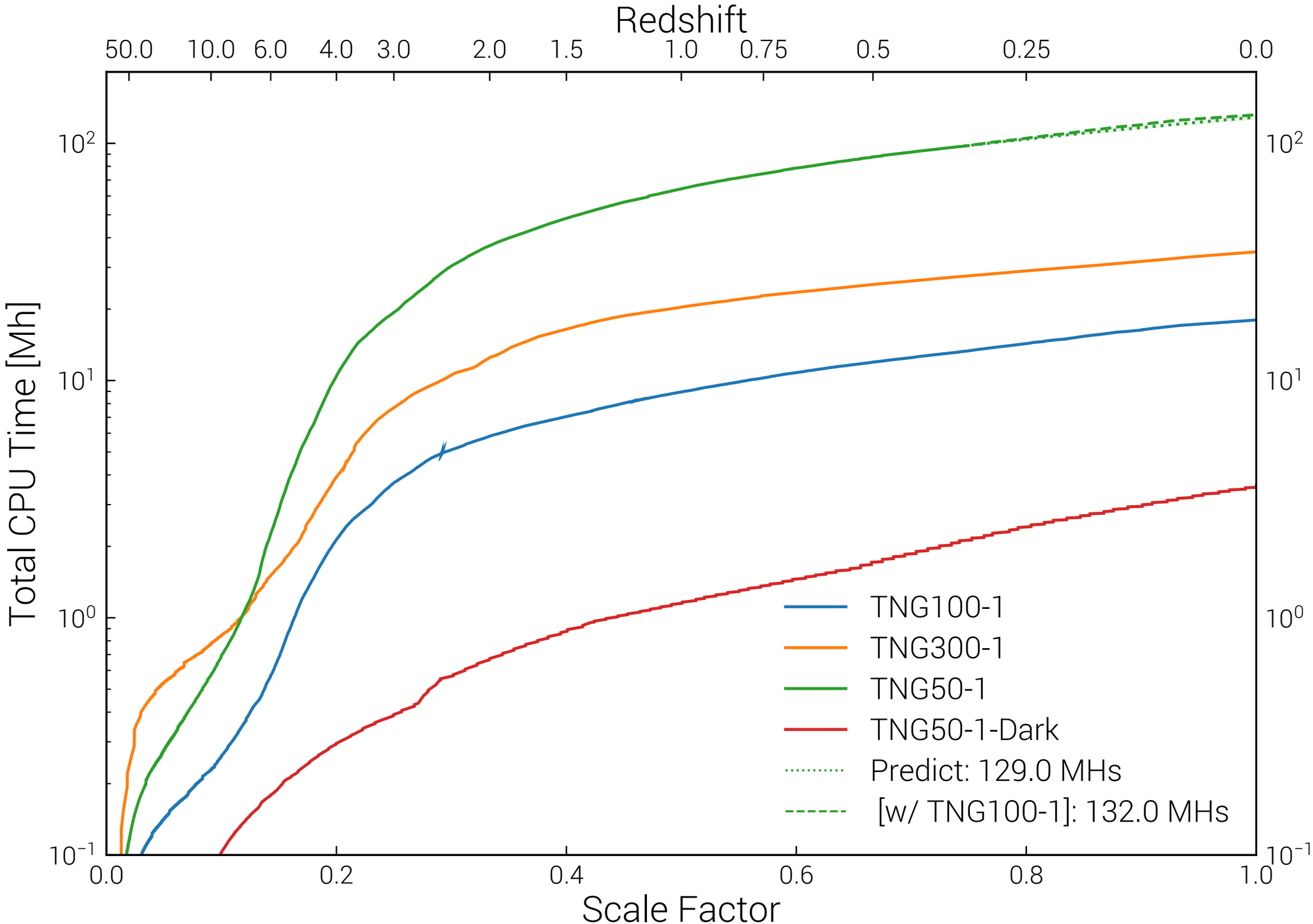
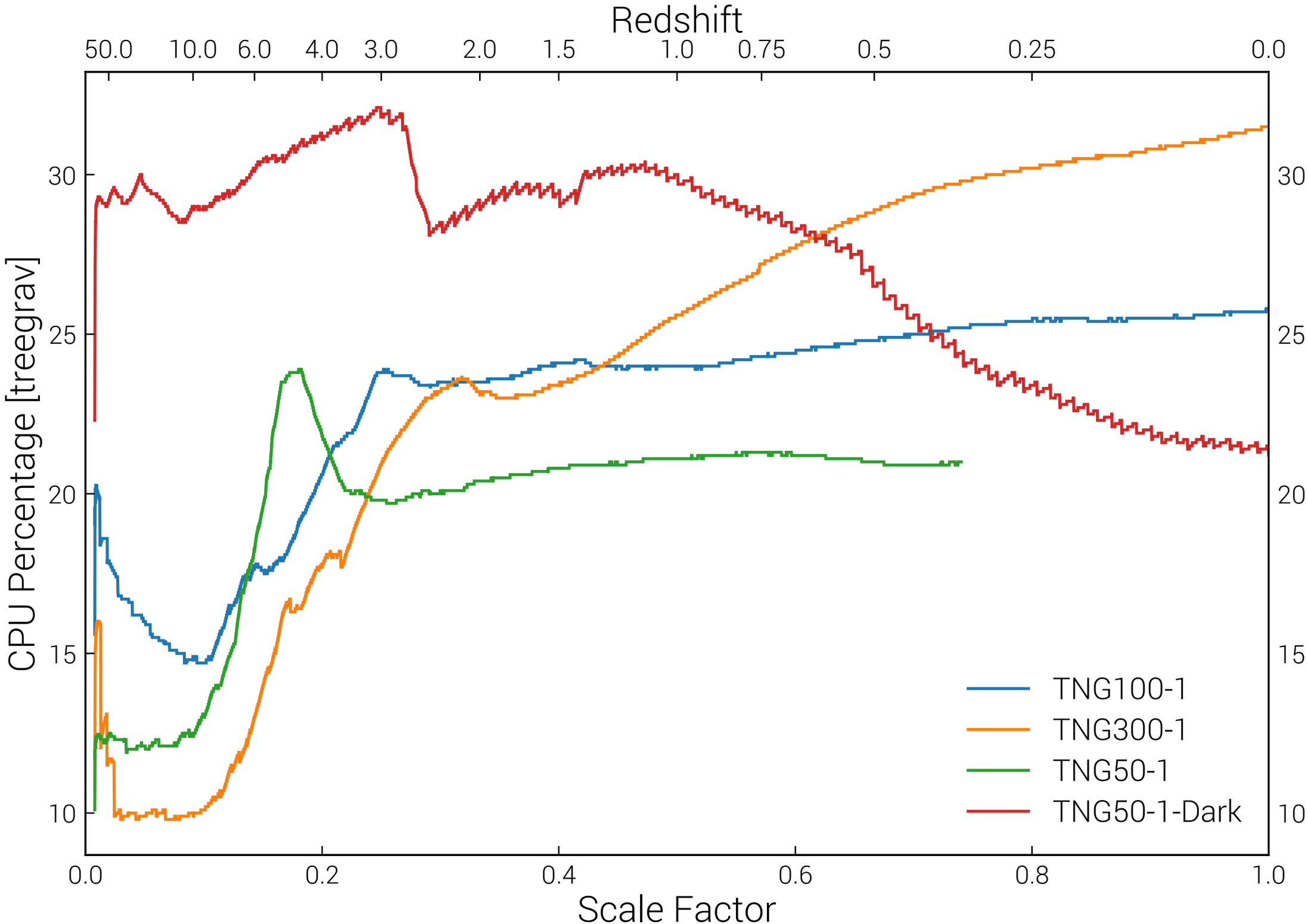
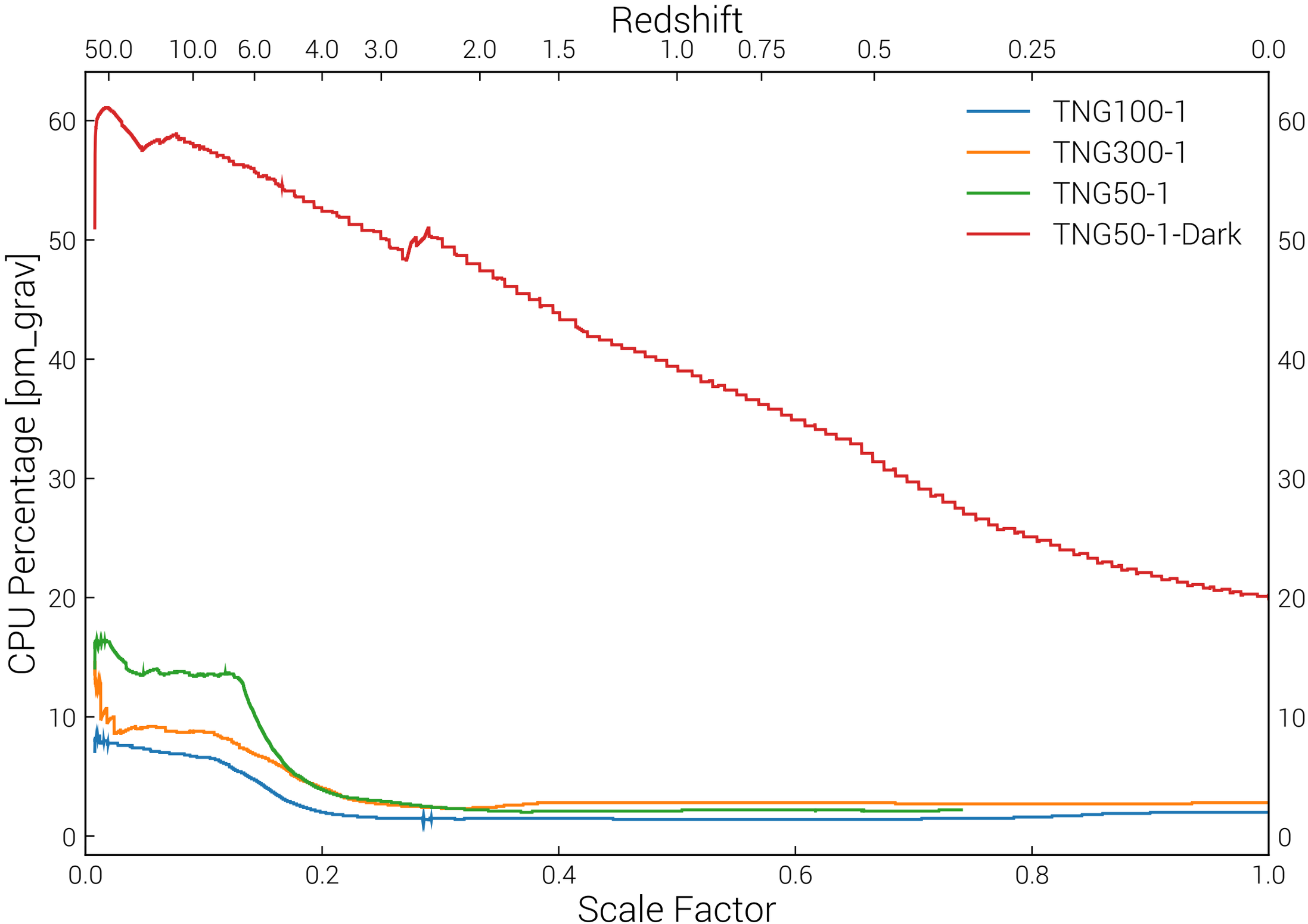
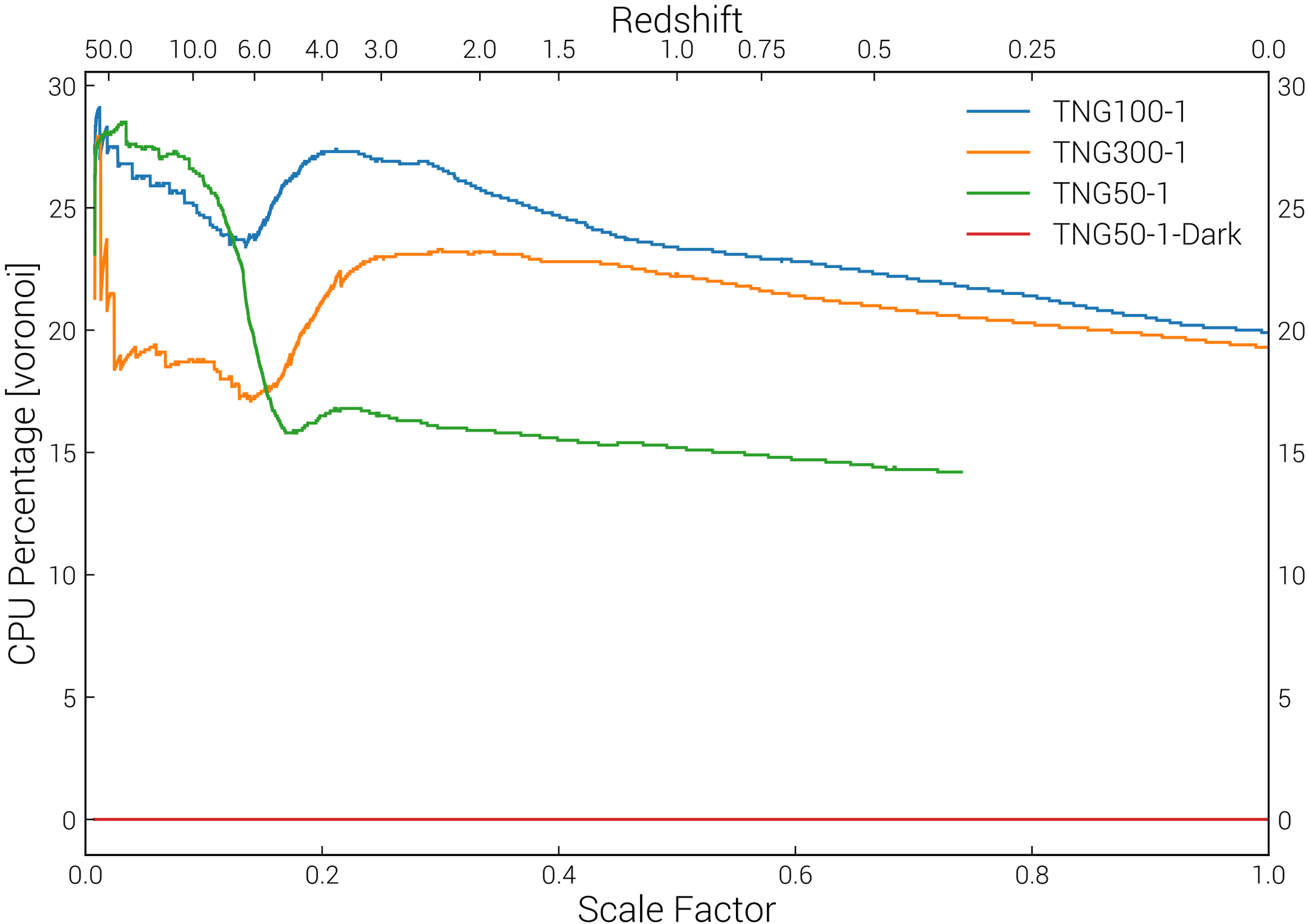
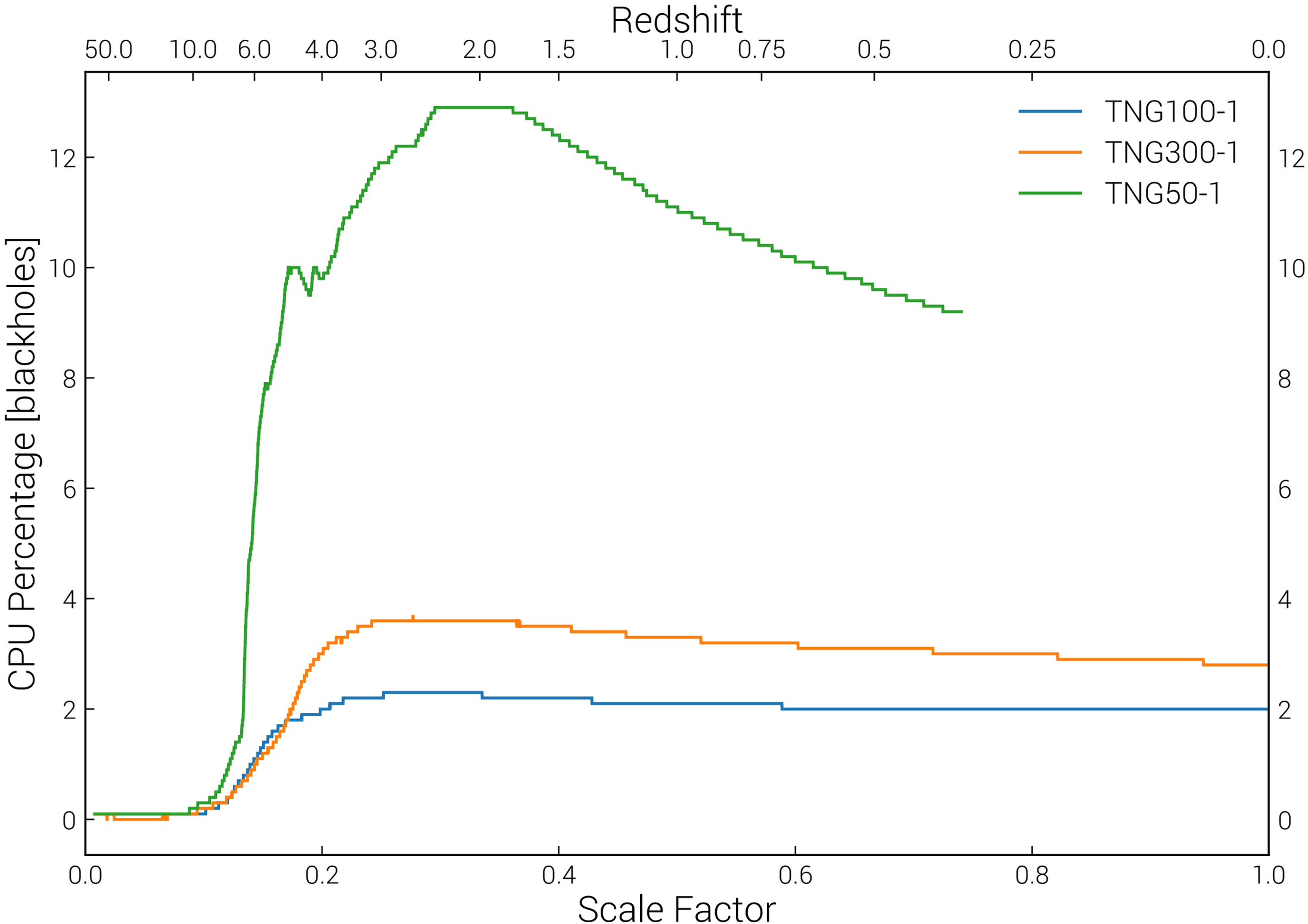

Redshift
50.0
10.0
6.0
4.0
3.0
2.0
1.5
1.0
0.75
0.5
0.25
0.0
TNG100-1
TNG300-1
TNG50-1
TNG50-1-Dark
Predict: 129.0 MHs
[w/ TNG100-1]: 132.0 MHs
CPU Time total [Mh]
0
20
40
60
80
100
120
0.0
0.2
0.4
0.6
0.8
1.0
Scale Factor

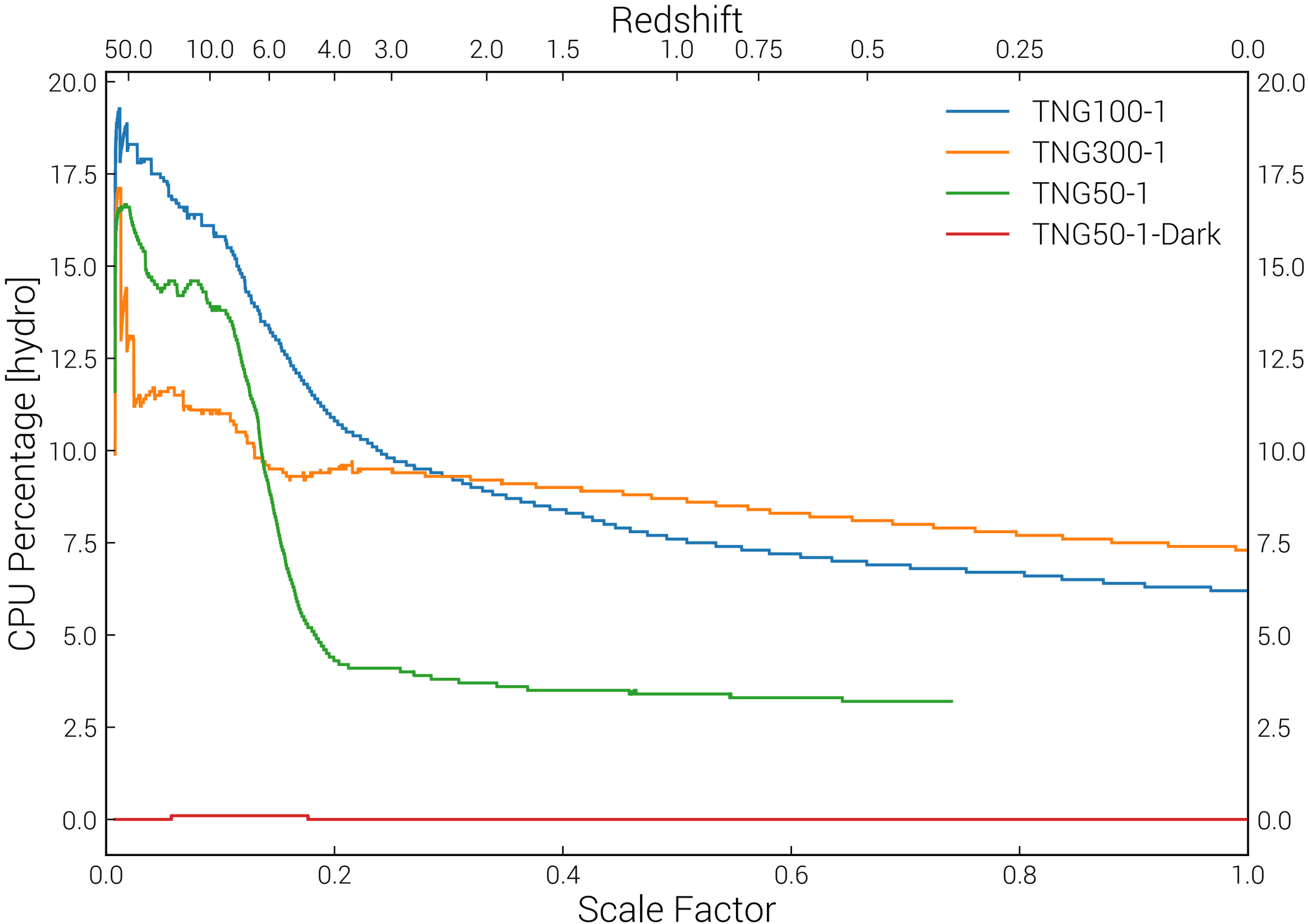

Redshift
50.0
10.0
6.0
4.0
3.0
2.0
1.5
1.0
0.75
0.5
0.25
0.0
Total CPU Time [Mh]
$10^2$
$10^1$
$10^0$
$10^{-1}$
0.0
0.2
0.4
0.6
0.8
1.0
Scale Factor
TNG100-1
TNG300-1
TNG50-1
TNG50-1-Dark
Predict: 129.0 MHs
[w/ TNG100-1]: 132.0 MHs

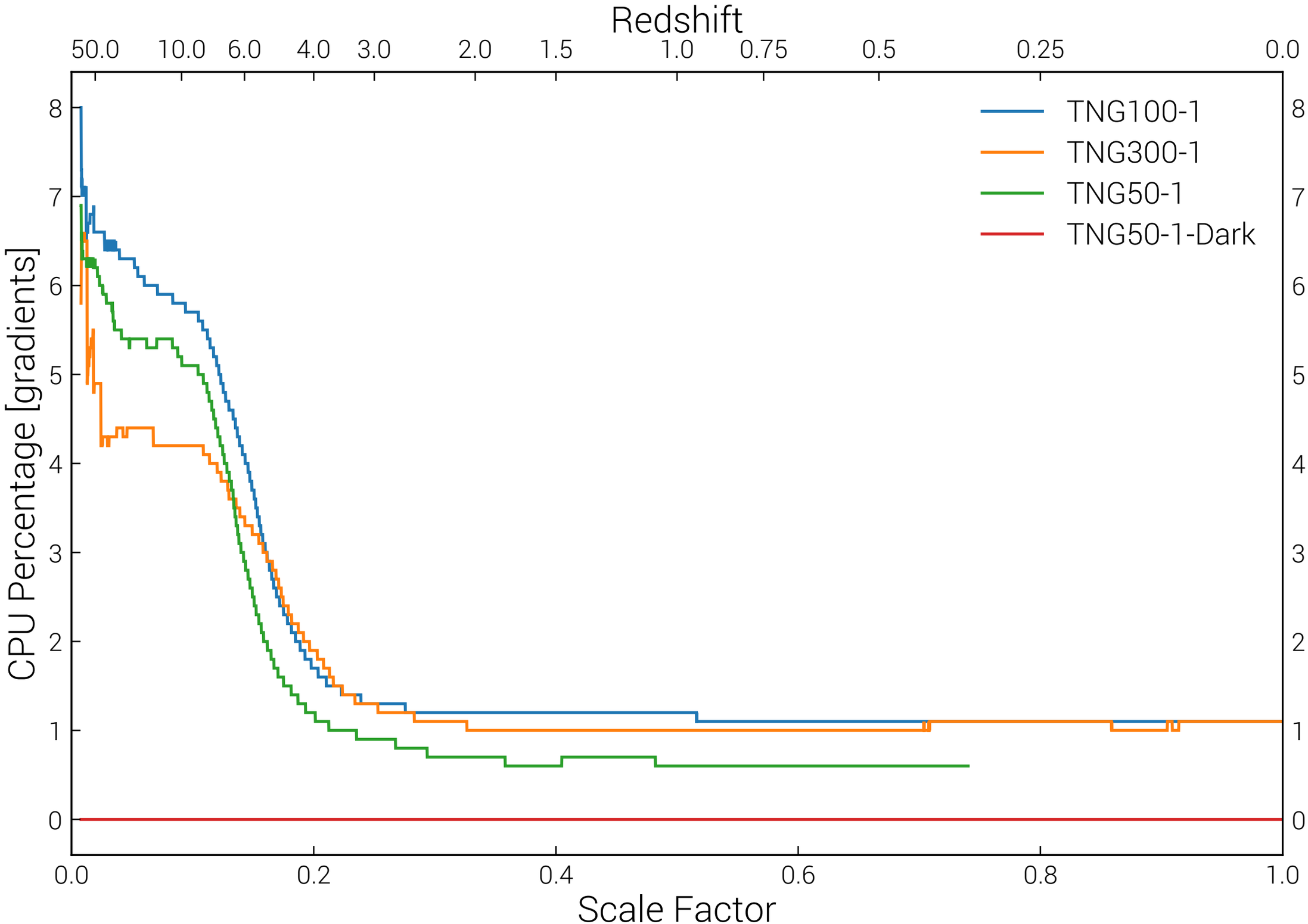

Redshift
50.0
10.0
6.0
4.0
3.0
2.0
1.5
1.0
0.75
0.5
0.25
0.0
CPU Percentage [treegrav]
30
25
20
15
10
0.0
0.2
0.4
0.6
0.8
1.0
Scale Factor
TNG100-1
TNG300-1
TNG50-1
TNG50-1-Dark

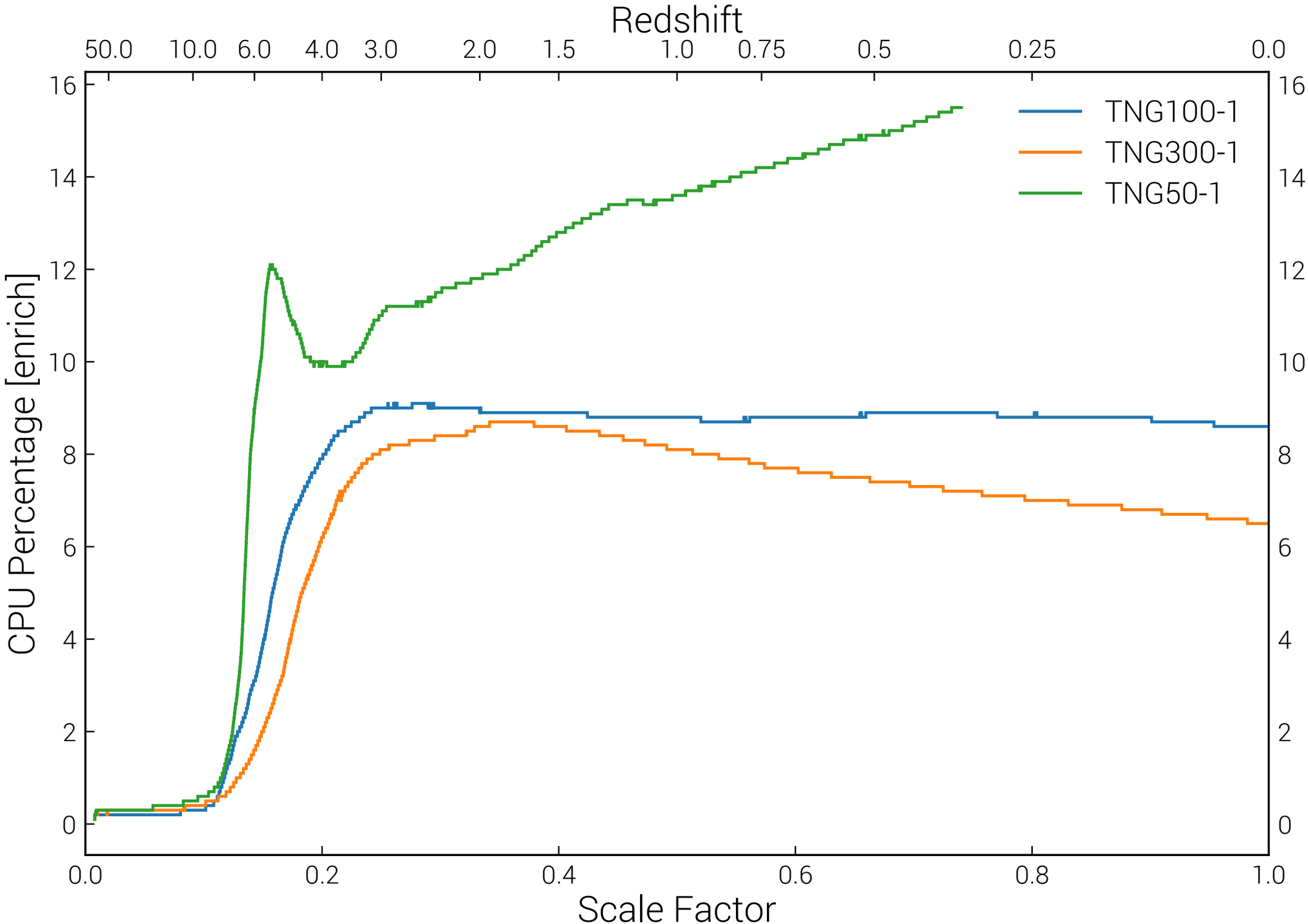

Redshift
50.0
10.0
6.0
4.0
3.0
2.0
1.5
1.0
0.75
0.5
0.25
0.0
TNG100-1
TNG300-1
TNG50-1
TNG50-1-Dark
CPU Percentage [pm_grav]
0
10
20
30
40
50
60
0.0
0.2
0.4
0.6
0.8
1.0
Scale Factor

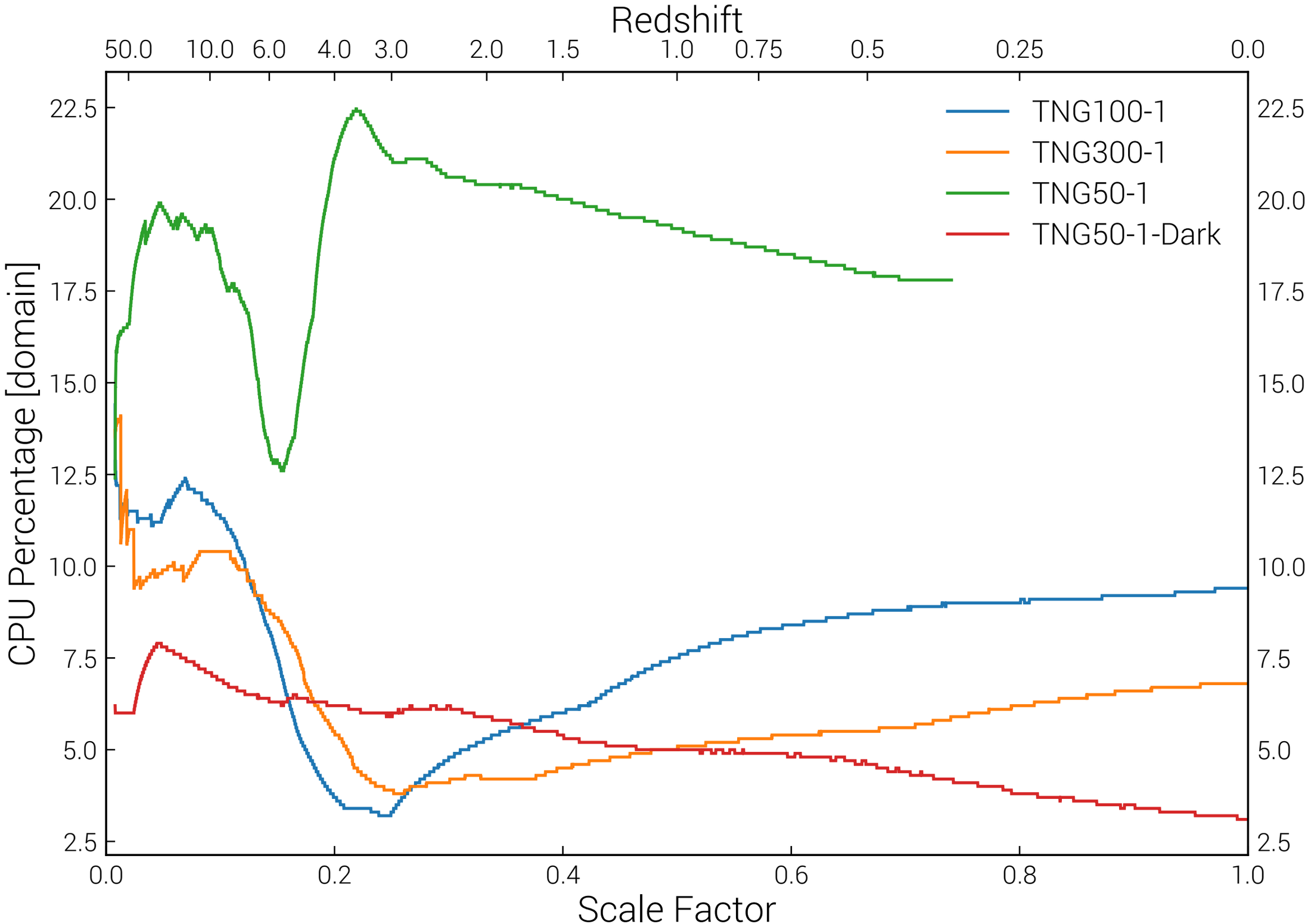

Redshift
50.0
10.0
6.0
4.0
3.0
2.0
1.5
1.0
0.75
0.5
0.25
0.0
CPU Percentage [voronoi]
30
25
20
15
10
5
0
TNG100-1
TNG300-1
TNG50-1
TNG50-1-Dark
0.0
0.2
0.4
0.6
0.8
1.0
Scale Factor

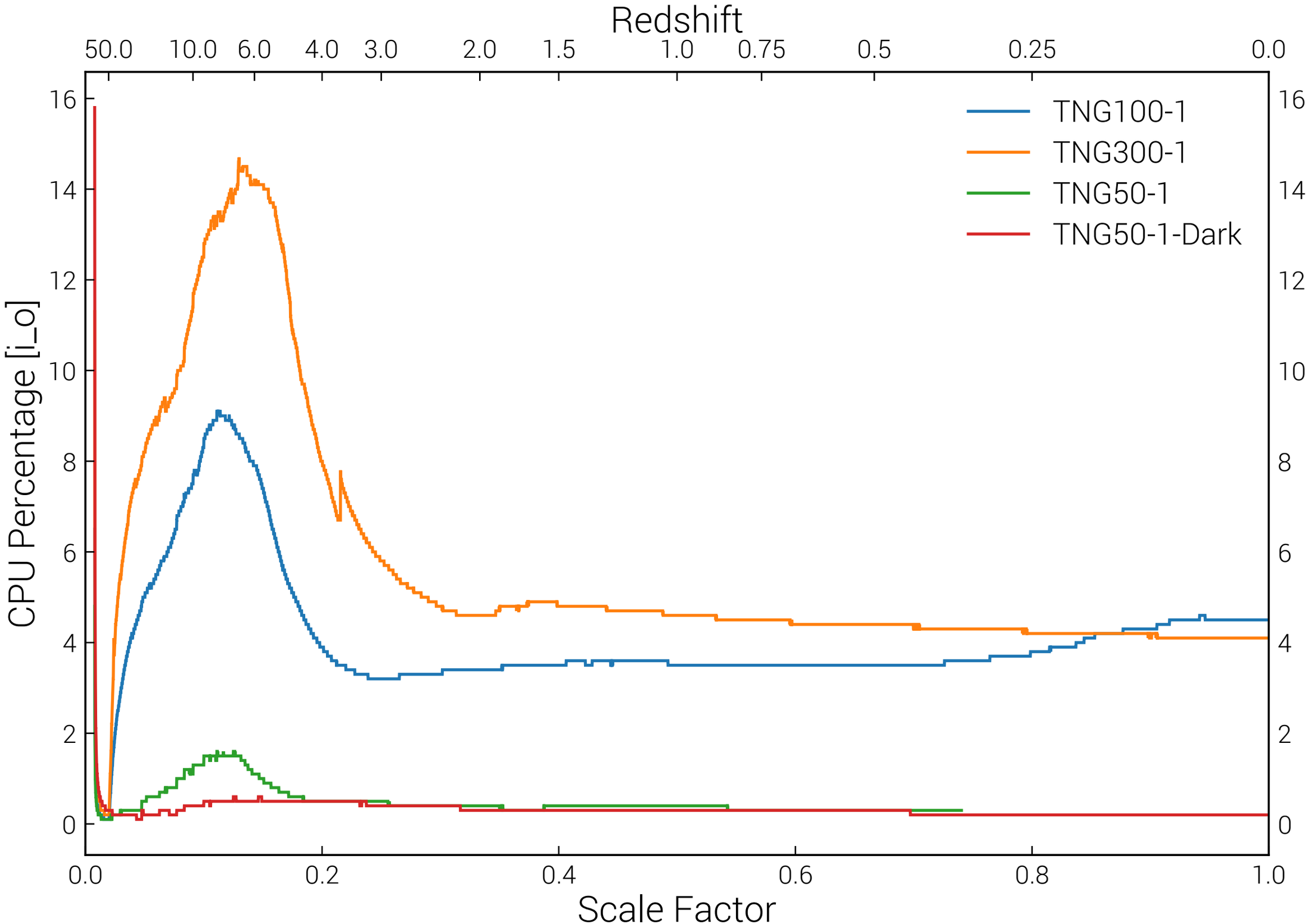

Redshift
50.0
10.0
6.0
4.0
3.0
2.0
1.5
1.0
0.75
0.5
0.25
0.0
TNG100-1
TNG300-1
TNG50-1
CPU Percentage [blackholes]
0
2
4
6
8
10
12
0.0
0.2
0.4
0.6
0.8
1.0
Scale Factor

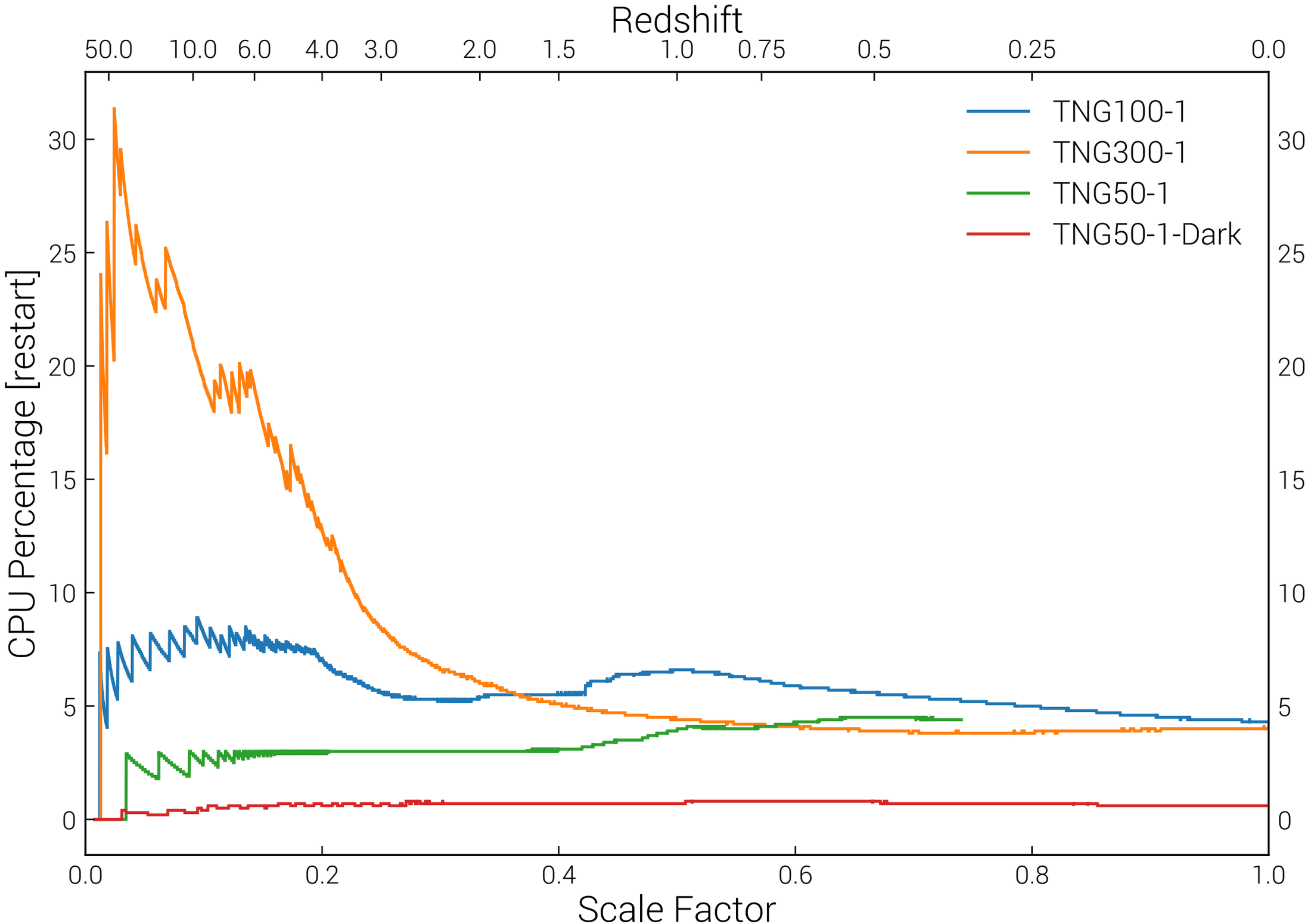

Redshift
50.0
10.0
6.0
4.0
3.0
2.0
1.5
1.0
0.75
0.5
0.25
0.0
CPU Percentage [hydro]
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
TNG100-1
TNG300-1
TNG50-1
TNG50-1-Dark
0.0
0.2
0.4
0.6
0.8
1.0
Scale Factor

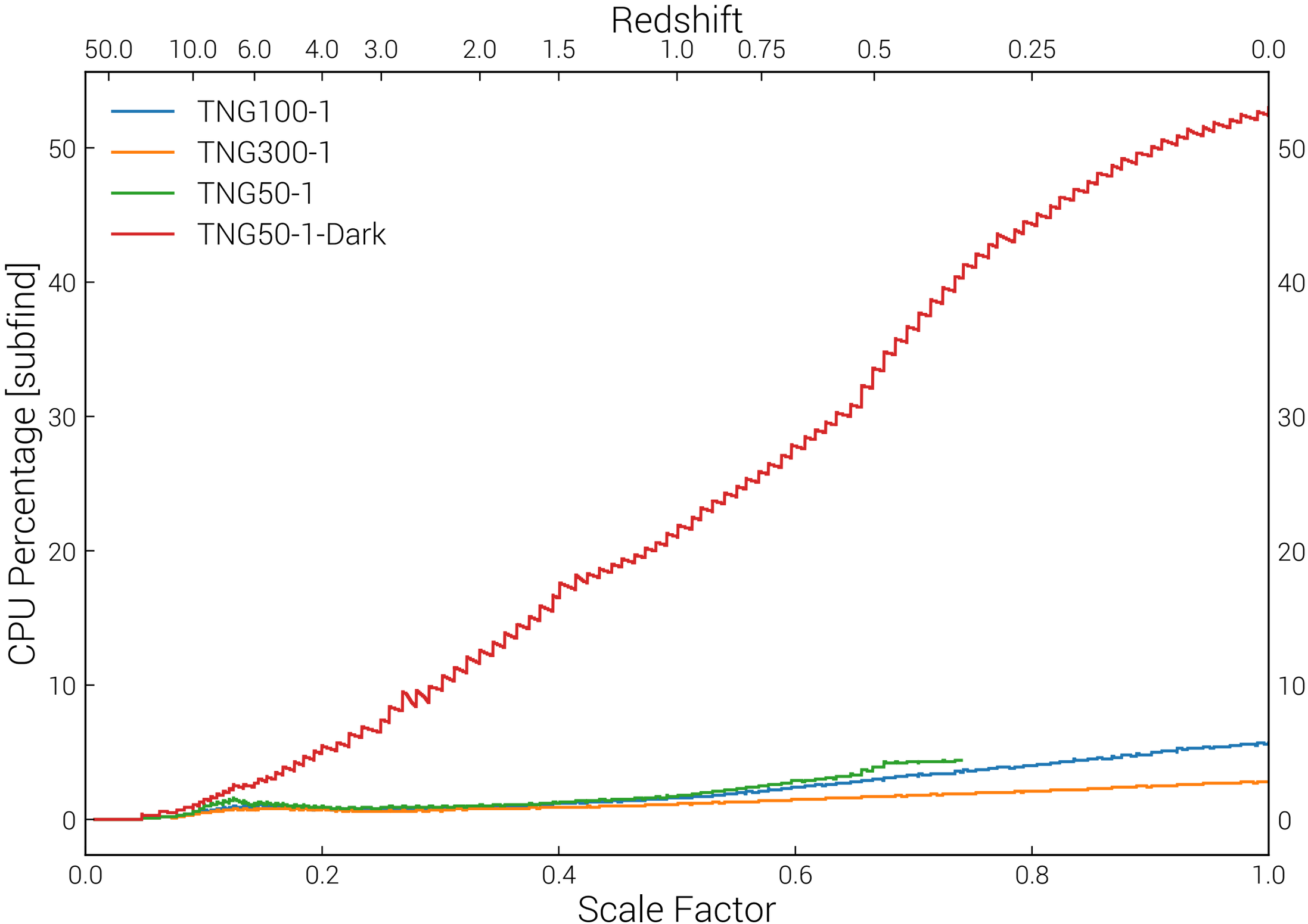

Redshift
50.0
10.0
6.0
4.0
3.0
2.0
1.5
1.0
0.75
0.5
0.25
0.0
CPU Percentage [gradients]
8
7
6
5
4
3
2
1
0
TNG100-1
TNG300-1
TNG50-1
TNG50-1-Dark
0.0
0.2
0.4
0.6
0.8
1.0
Scale Factor


Redshift
50.0
10.0
6.0
4.0
3.0
2.0
1.5
1.0
0.75
0.5
0.25
0.0
CPU Percentage [enrich]
0
2
4
6
8
10
12
14
16
TNG100-1
TNG300-1
TNG50-1
0.0
0.2
0.4
0.6
0.8
1.0
Scale Factor


Redshift
50.0
10.0
6.0
4.0
3.0
2.0
1.5
1.0
0.75
0.5
0.25
0.0
CPU Percentage [domain]
22.5
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
0.2
0.4
0.6
0.8
1.0
Scale Factor
TNG100-1
TNG300-1
TNG50-1
TNG50-1-Dark


Redshift
50.0
10.0
6.0
4.0
3.0
2.0
1.5
1.0
0.75
0.5
0.25
0.0
TNG100-1
TNG300-1
TNG50-1
TNG50-1-Dark
CPU Percentage [i_o]
0
2
4
6
8
10
12
14
16
0.0
0.2
0.4
0.6
0.8
1.0
Scale Factor


Redshift
50.0
10.0
6.0
4.0
3.0
2.0
1.5
1.0
0.75
0.5
0.25
0.0
TNG100-1
TNG300-1
TNG50-1
TNG50-1-Dark
CPU Percentage [restart]
0
5
10
15
20
25
30
0.0
0.2
0.4
0.6
0.8
1.0
Scale Factor


Redshift
50.0
10.0
6.0
4.0
3.0
2.0
1.5
1.0
0.75
0.5
0.25
0.0
TNG100-1
TNG300-1
TNG50-1
TNG50-1-Dark
CPU Percentage [subfind]
0
10
20
30
40
50
0.0
0.2
0.4
0.6
0.8
1.0
Scale Factor