

ICS

Max Stride - STACK-CALC1

DXT

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Size:67108864 Stride:    4 read+write:  0.277 ns, sec =  1.022, cycles = -920092235 steps = 22
Size:67108864 Stride:    8 read+write:  0.993 ns, sec =  1.167, cycles = 1644696222 steps = 7
Size:67108864 Stride:   16 read+write:  1.787 ns, sec =  1.199, cycles = 2166039081 steps = 4
Size:67108864 Stride:   32 read+write:  3.734 ns, sec =  1.253, cycles = 2587221226 steps = 2
Size:67108864 Stride:   64 read+write:  7.296 ns, sec =  1.224, cycles = 2669435430 steps = 1
Size:67108864 Stride:  128 read+write: 10.127 ns, sec =  1.699, cycles = 3762866848 steps = 1
Size:67108864 Stride:  256 read+write: 12.819 ns, sec =  2.151, cycles = 4802652436 steps = 1
Size:67108864 Stride:  512 read+write: 10.905 ns, sec =  1.830, cycles = 4063607984 steps = 1
Size:67108864 Stride: 1024 read+write: 11.000 ns, sec =  1.846, cycles = 4100206722 steps = 1
Size:67108864 Stride: 2048 read+write: 11.977 ns, sec =  2.009, cycles = 4477255529 steps = 1
Size:67108864 Stride: 4096 read+write: 15.496 ns, sec =  2.600, cycles = 5836394811 steps = 1
Size:67108864 Stride: 8192 read+write: 16.939 ns, sec =  2.842, cycles = 6392849298 steps = 1
Size:67108864 Stride: 16384 read+write: 16.498 ns, sec =  2.768, cycles = 6222300624 steps = 1
Size:67108864 Stride: 32768 read+write: 18.303 ns, sec =  3.071, cycles = 6917028878 steps = 1
Size:67108864 Stride: 65536 read+write: 21.463 ns, sec =  3.601, cycles = 8124725488 steps = 1
Size:67108864 Stride: 131072 read+write: 21.452 ns, sec =  3.599, cycles = 8113965788 steps = 1
Size:67108864 Stride: 262144 read+write: 22.293 ns, sec =  3.740, cycles = 8440383008 steps = 1
Size:67108864 Stride: 524288 read+write: 15.073 ns, sec =  2.529, cycles = 5631261761 steps = 1
Size:67108864 Stride:1048576 read+write: 25.958 ns, sec =  4.355, cycles = 9787829838 steps = 1
Size:67108864 Stride:2097152 read+write: 24.511 ns, sec =  4.112, cycles = 9238555238 steps = 1
Size:67108864 Stride:4194304 read+write: 25.105 ns, sec =  4.212, cycles = 9517471859 steps = 1
Size:67108864 Stride:8388608 read+write: 5.405 ns, sec =  1.813, cycles = 3784980655 steps = 2
Size:67108864 Stride:16777216 read+write: 4.622 ns, sec =  1.551, cycles = 3048660586 steps = 2
Size:67108864 Stride:33554432 read+write: 1.192 ns, sec =  1.200, cycles = 919560588 steps = 6

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read_write max stride: 262144
 read_write max stride(bytes): 1048576

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Size:67108864 Stride:    4 read+write:  0.952 ns, sec =  1.118, cycles = 2044341420 steps = 7
Size:67108864 Stride:    8 read+write:  0.742 ns, sec =  1.120, cycles = 1979294430 steps = 9
Size:67108864 Stride:   16 read+write:  1.210 ns, sec =  1.015, cycles = 2277410400 steps = 5
Size:67108864 Stride:   32 read+write:  2.020 ns, sec =  1.017, cycles = 2588650260 steps = 3
Size:67108864 Stride:   64 read+write:  4.743 ns, sec =  1.592, cycles = 4464842940 steps = 2
Size:67108864 Stride:  128 read+write: 6.598 ns, sec =  1.107, cycles = 3165118410 steps = 1
Size:67108864 Stride:  256 read+write: 7.432 ns, sec =  1.247, cycles = 3584306910 steps = 1
Size:67108864 Stride:  512 read+write: 7.413 ns, sec =  1.244, cycles = 3574747410 steps = 1
Size:67108864 Stride: 1024 read+write: 7.455 ns, sec =  1.251, cycles = 3595937760 steps = 1
Size:67108864 Stride: 2048 read+write: 7.591 ns, sec =  1.274, cycles = 3664466910 steps = 1
Size:67108864 Stride: 4096 read+write: 16.258 ns, sec =  2.728, cycles = 8022979920 steps = 1
Size:67108864 Stride: 8192 read+write: 19.047 ns, sec =  3.196, cycles = 9425161350 steps = 1
Size:67108864 Stride: 16384 read+write: 34.052 ns, sec =  5.713, cycles = 16970389170 steps = 1
Size:67108864 Stride: 32768 read+write: 97.483 ns, sec = 16.355, cycles = 48867997230 steps = 1
Size:67108864 Stride: 65536 read+write: 187.357 ns, sec = 31.433, cycles = 94061842800 steps = 1
Size:67108864 Stride: 131072 read+write: 188.475 ns, sec = 31.621, cycles = 94621290270 steps = 1
Size:67108864 Stride: 262144 read+write: 187.922 ns, sec = 31.528, cycles = 94335113130 steps = 1
Size:67108864 Stride: 524288 read+write: 203.476 ns, sec = 34.138, cycles = 102141202620 steps = 1
Size:67108864 Stride:1048576 read+write: 286.365 ns, sec = 48.044, cycles = 143766541170 steps = 1
Size:67108864 Stride:2097152 read+write: 295.811 ns, sec = 49.629, cycles = 148580030580 steps = 1
Size:67108864 Stride:4194304 read+write: 37.154 ns, sec = 6.233, cycles = 18502048530 steps = 1
Size:67108864 Stride:8388608 read+write: 0.696 ns, sec = 1.050, cycles = 1159148820 steps = 9
Size:67108864 Stride:16777216 read+write: 1.286 ns, sec = 1.079, cycles = 2229629670 steps = 5
Size:67108864 Stride:33554432 read+write: 2.271 ns, sec = 1.143, cycles = 2738351580 steps = 3

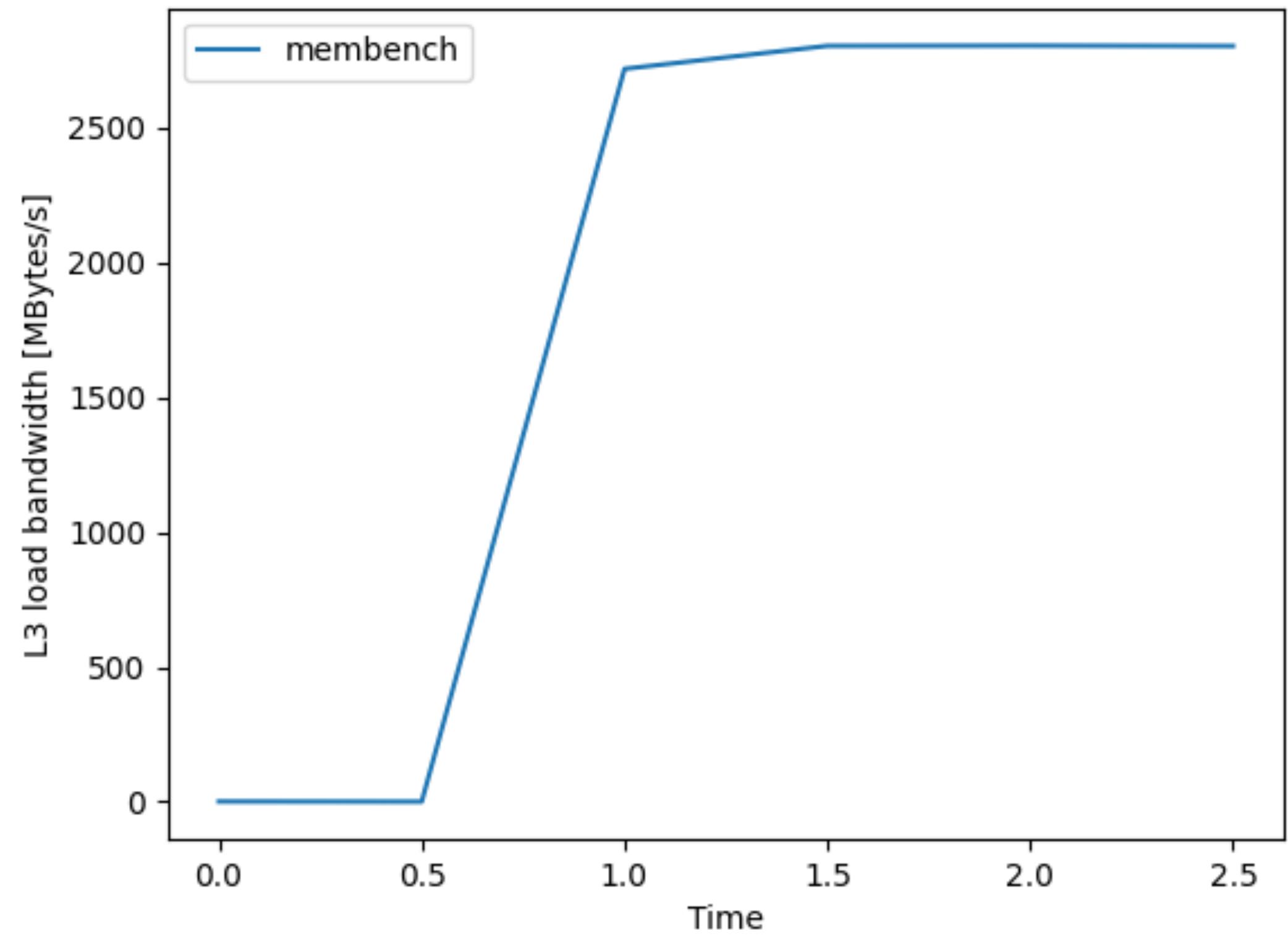
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read_write max stride: 524288
 read_write max stride(bytes): 2097152

ICS: Size:67108864	Stride:104857	6	read+write:	25.958 ns, sec	= 4.355,	cycles =	9787829838	steps = 1
DXT: Size:67108864	Stride:104857	6	read+write:	286.365 ns, sec	= 48.044,	cycles =	143766541170	steps = 1

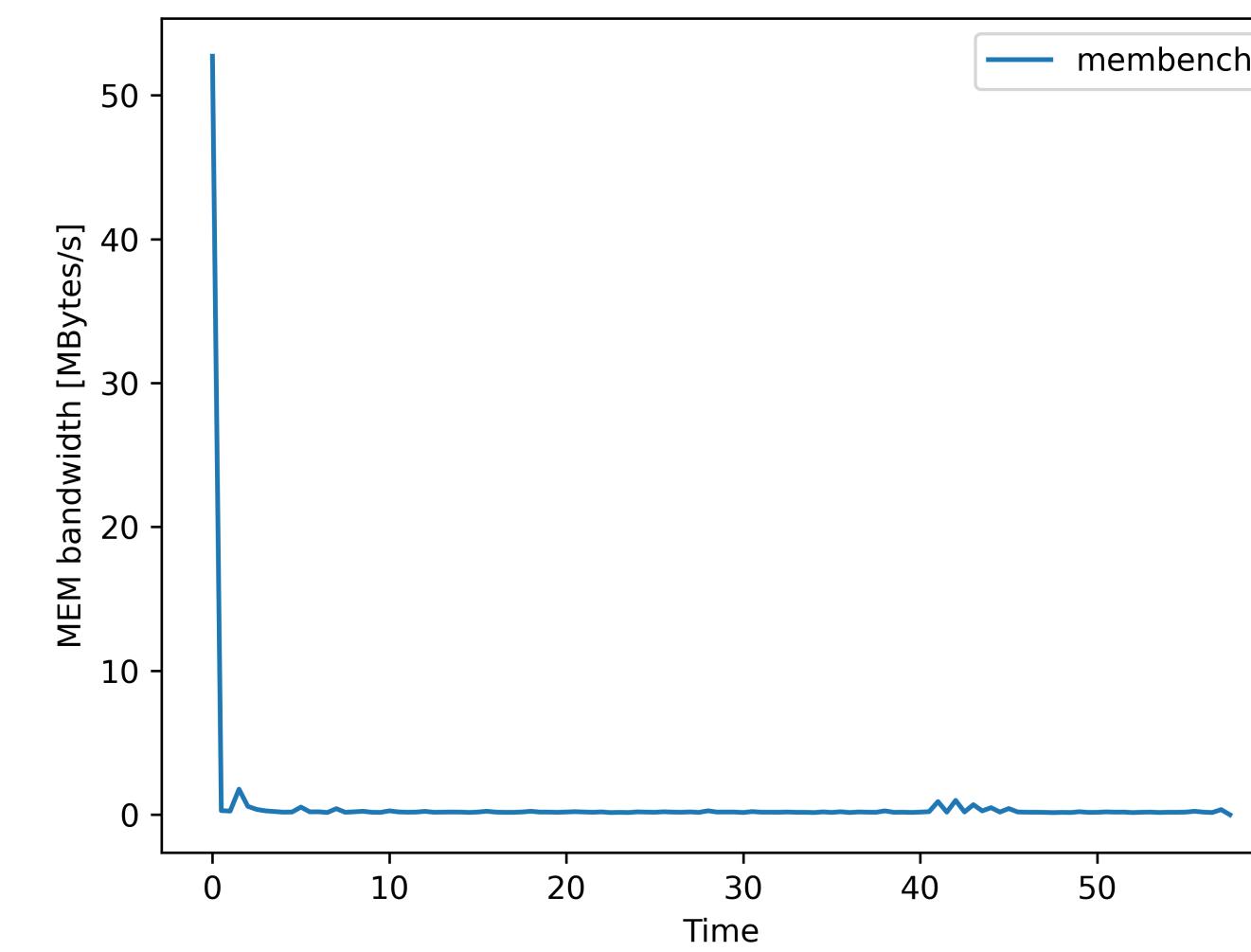
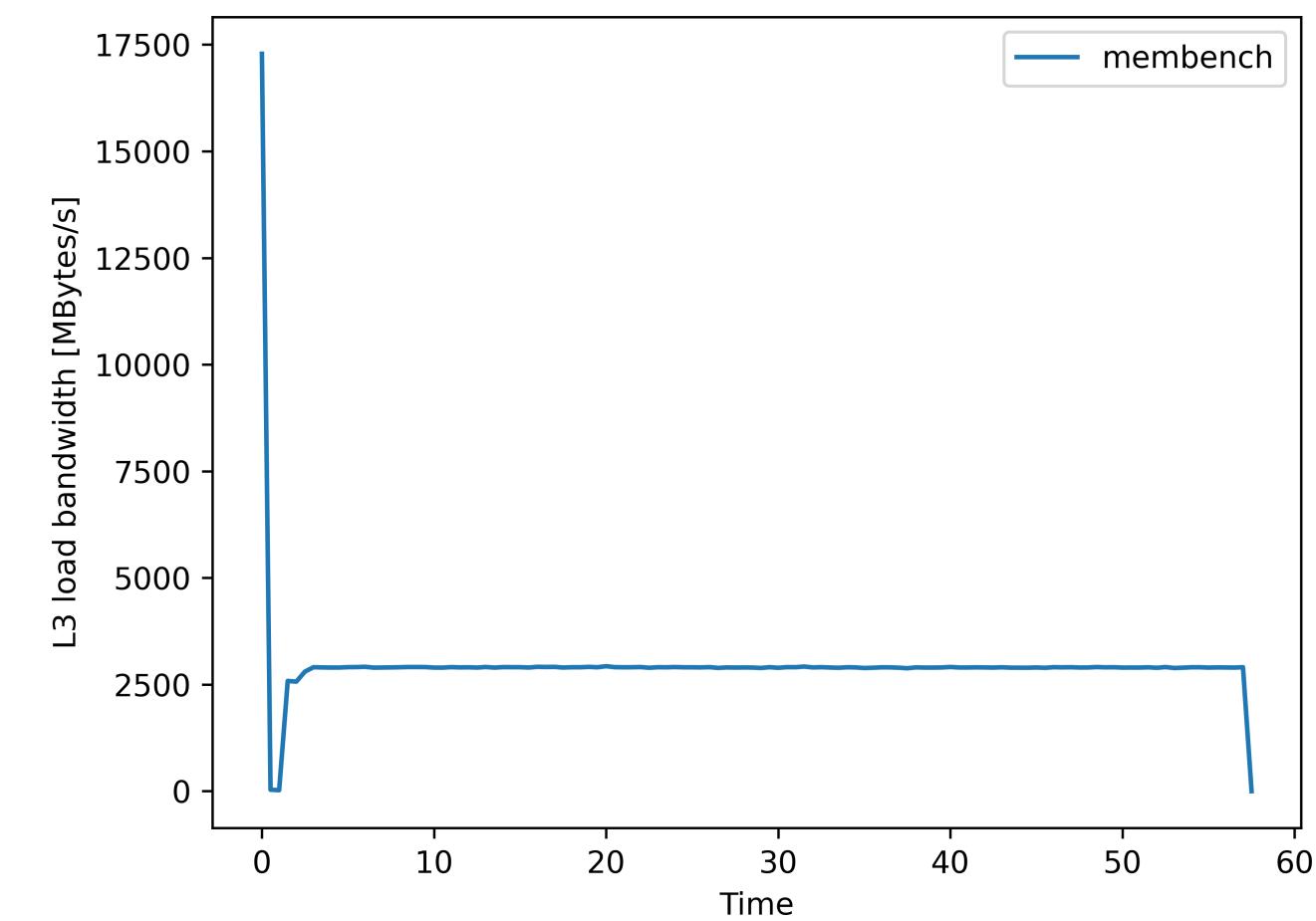
1 run on 1 core S0:0

ICS



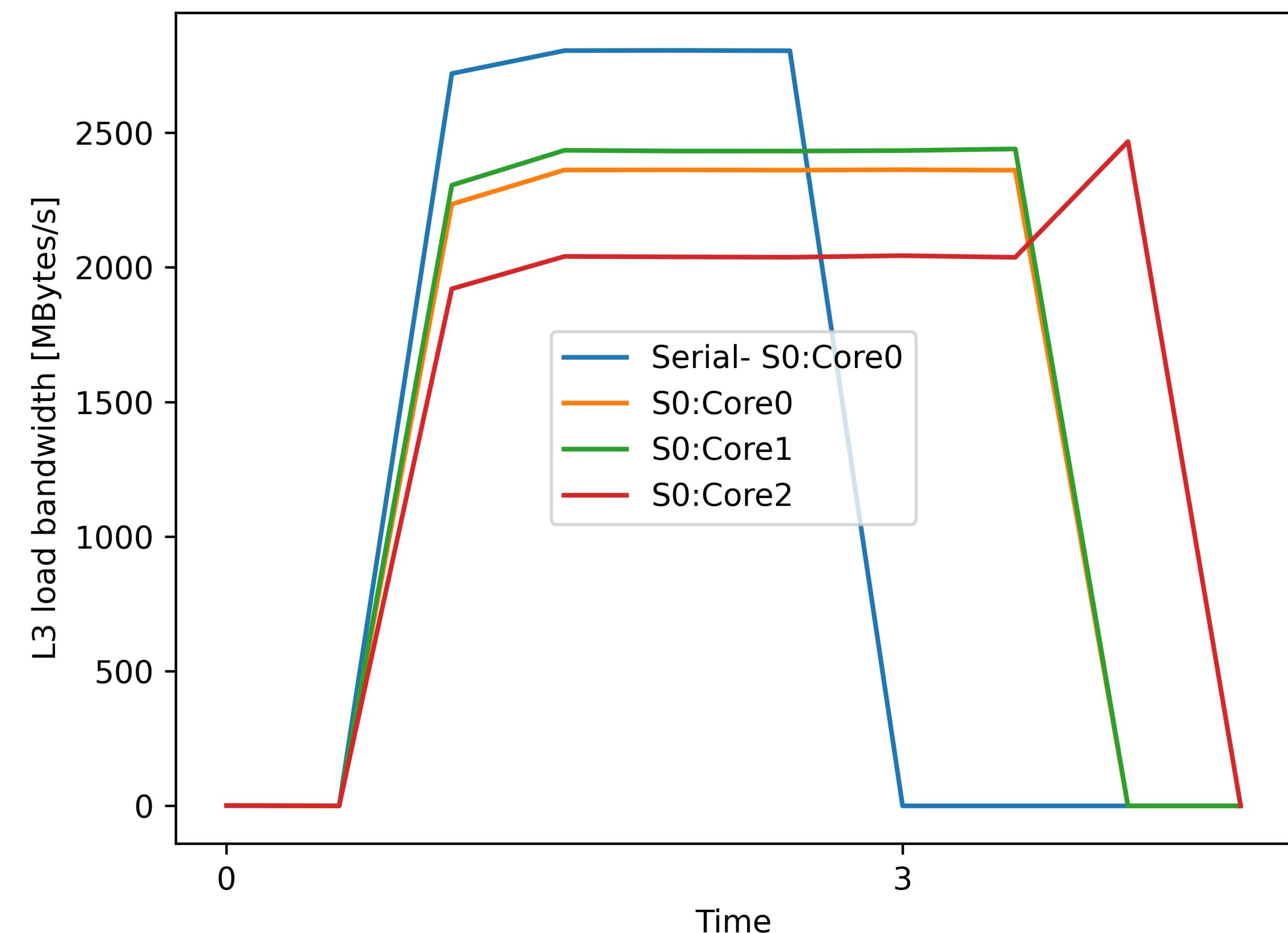
DXT

STACK-CALC1



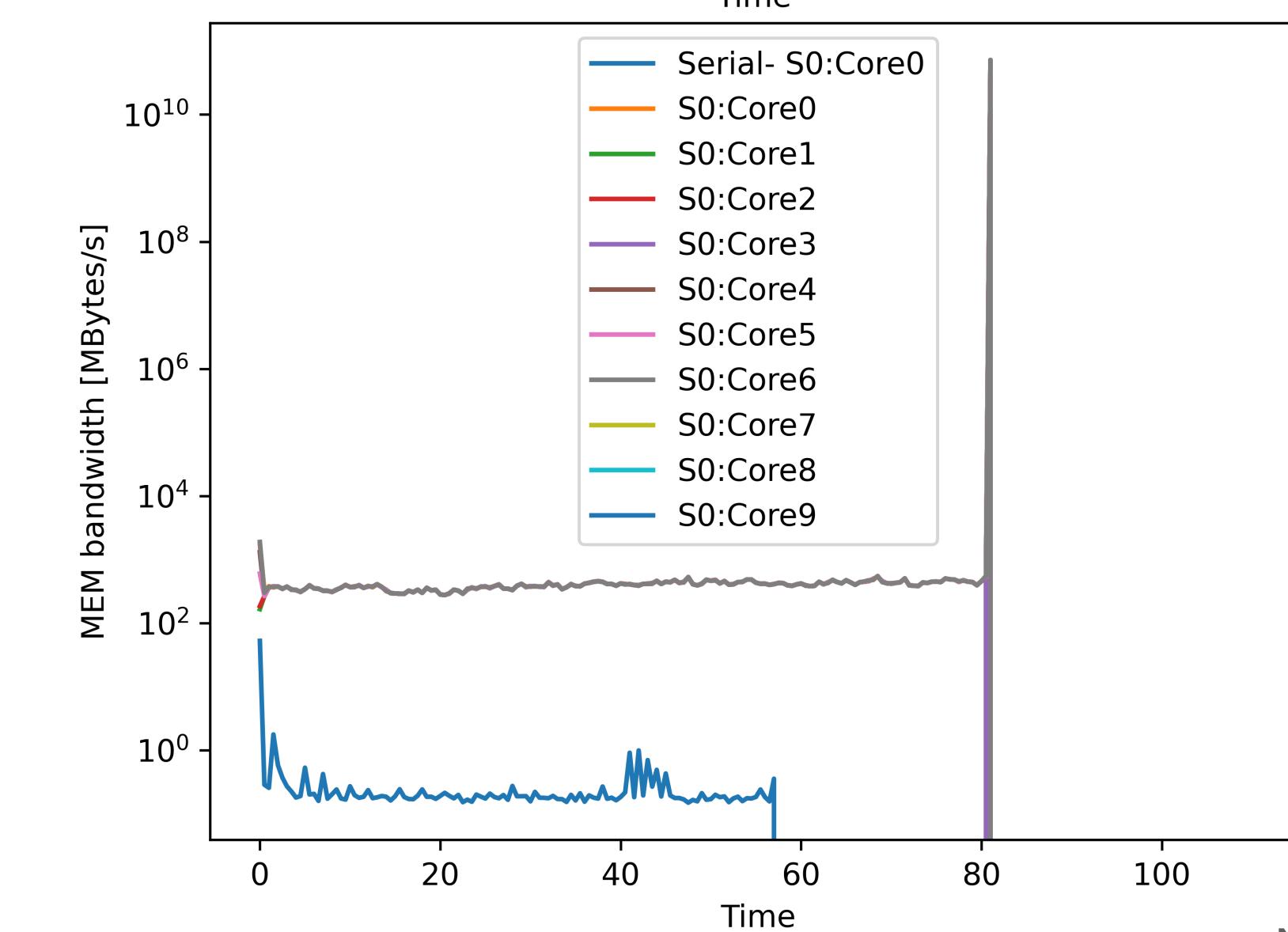
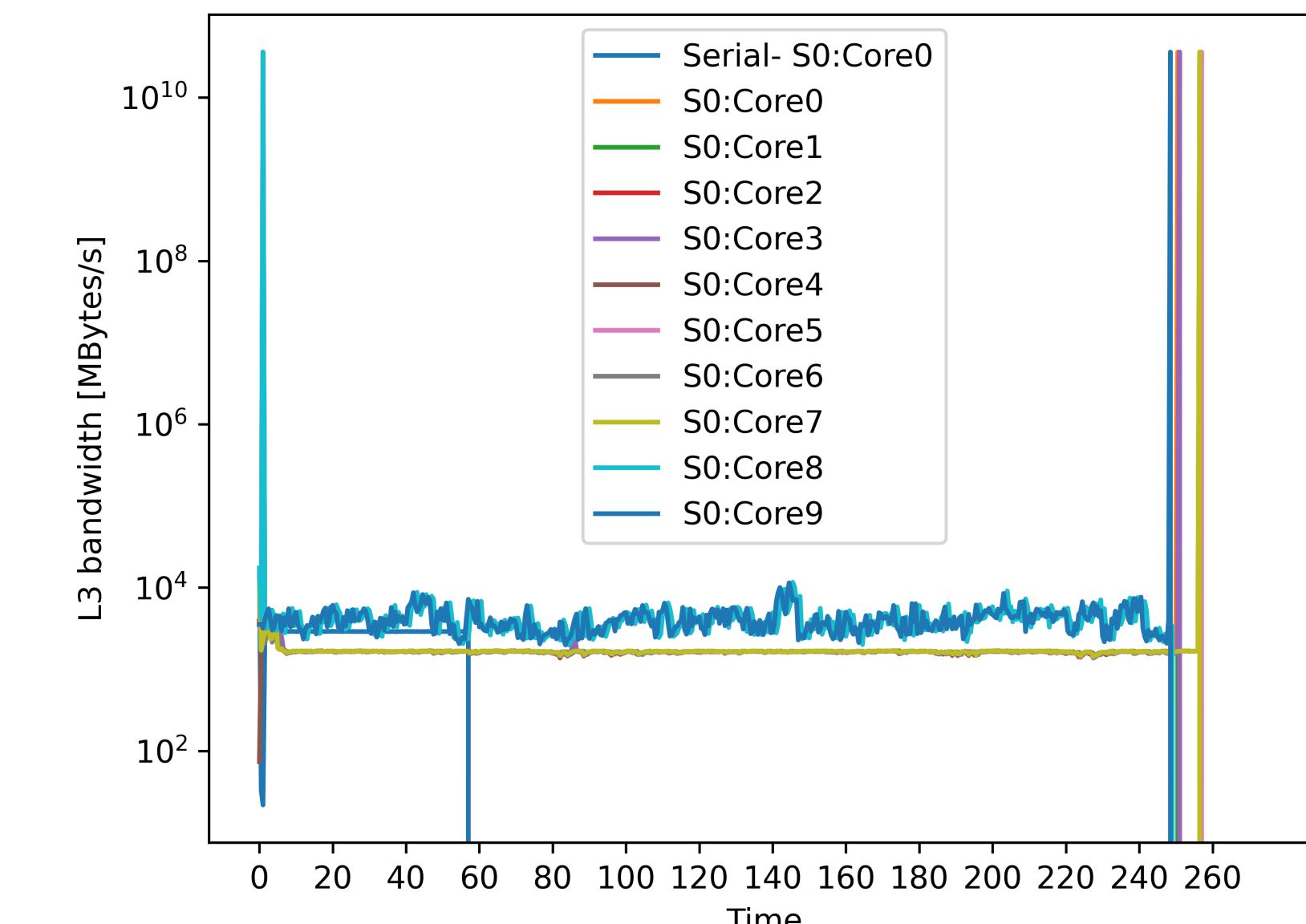
ICS

different core



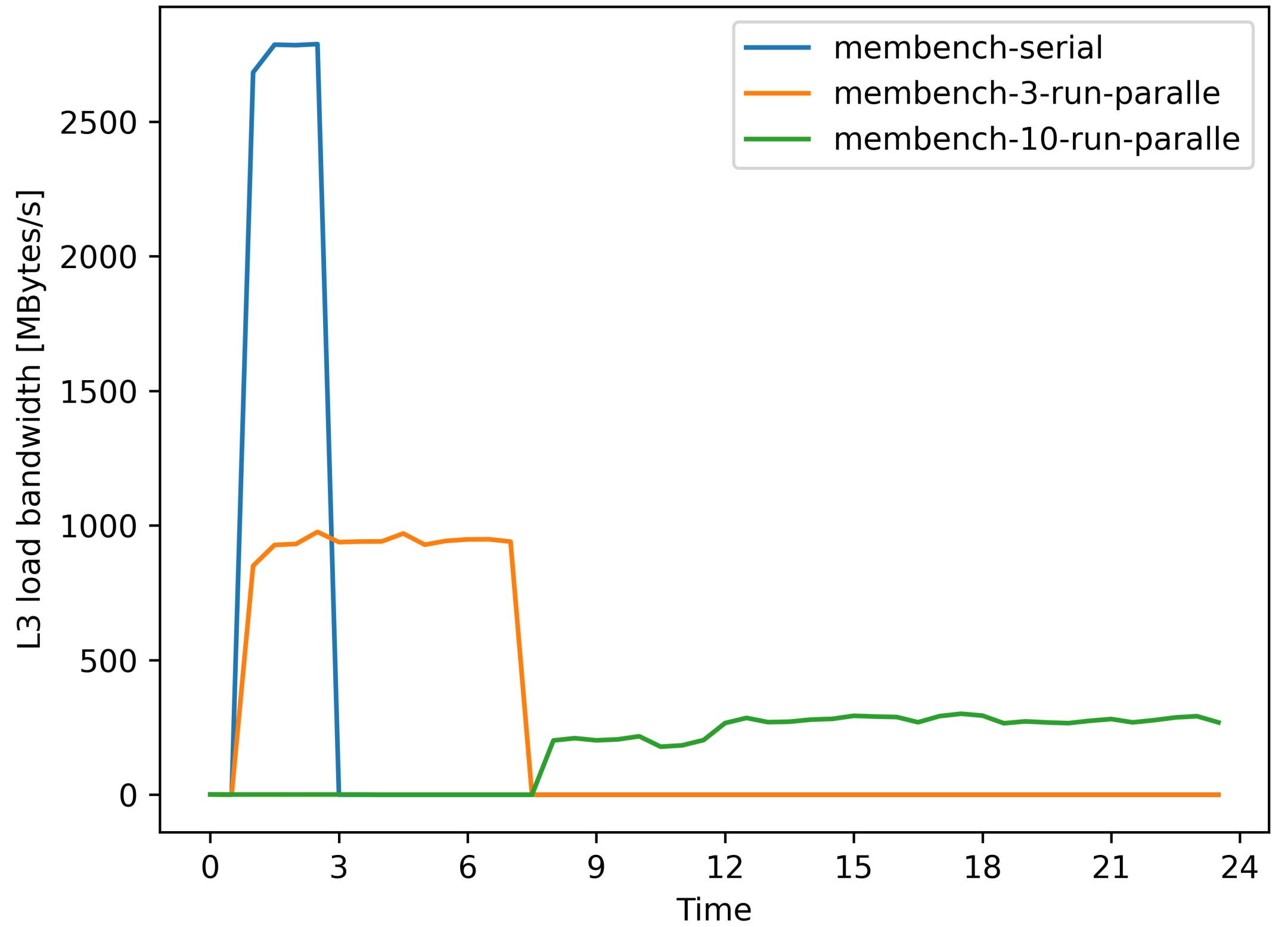
DXT

STACK-CALC1



same core S0:0

ICS



DXT

STACK-CALC1

