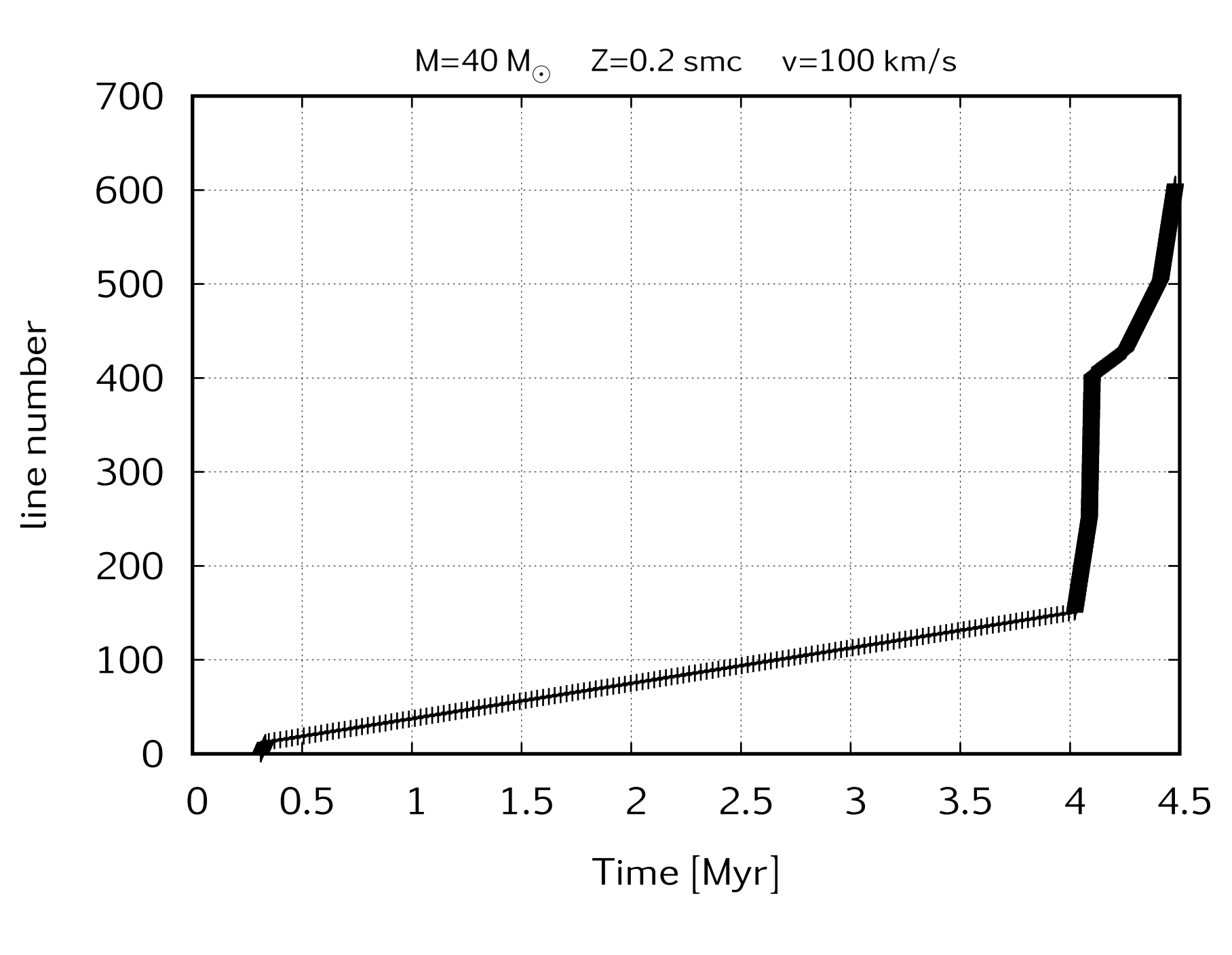
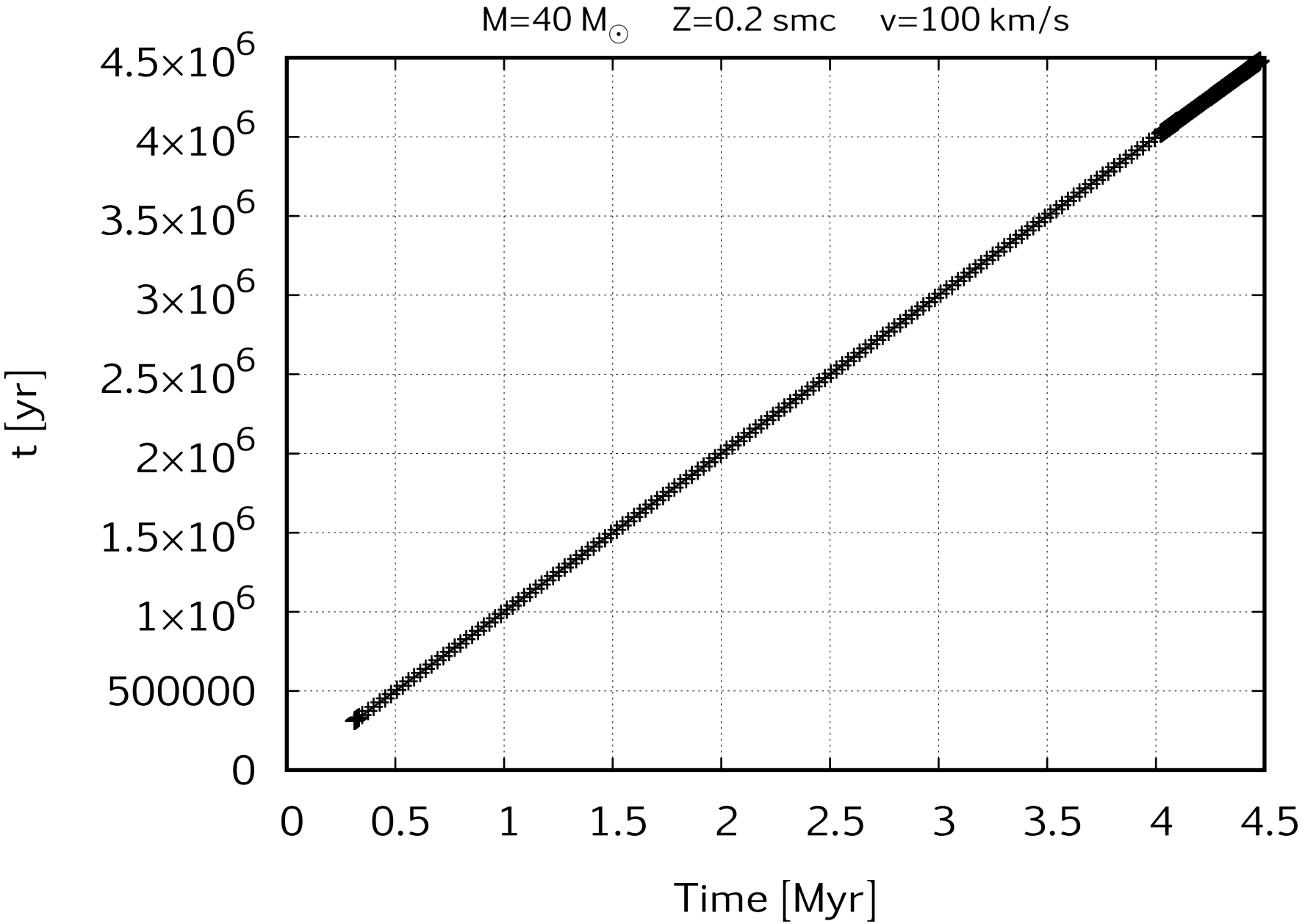
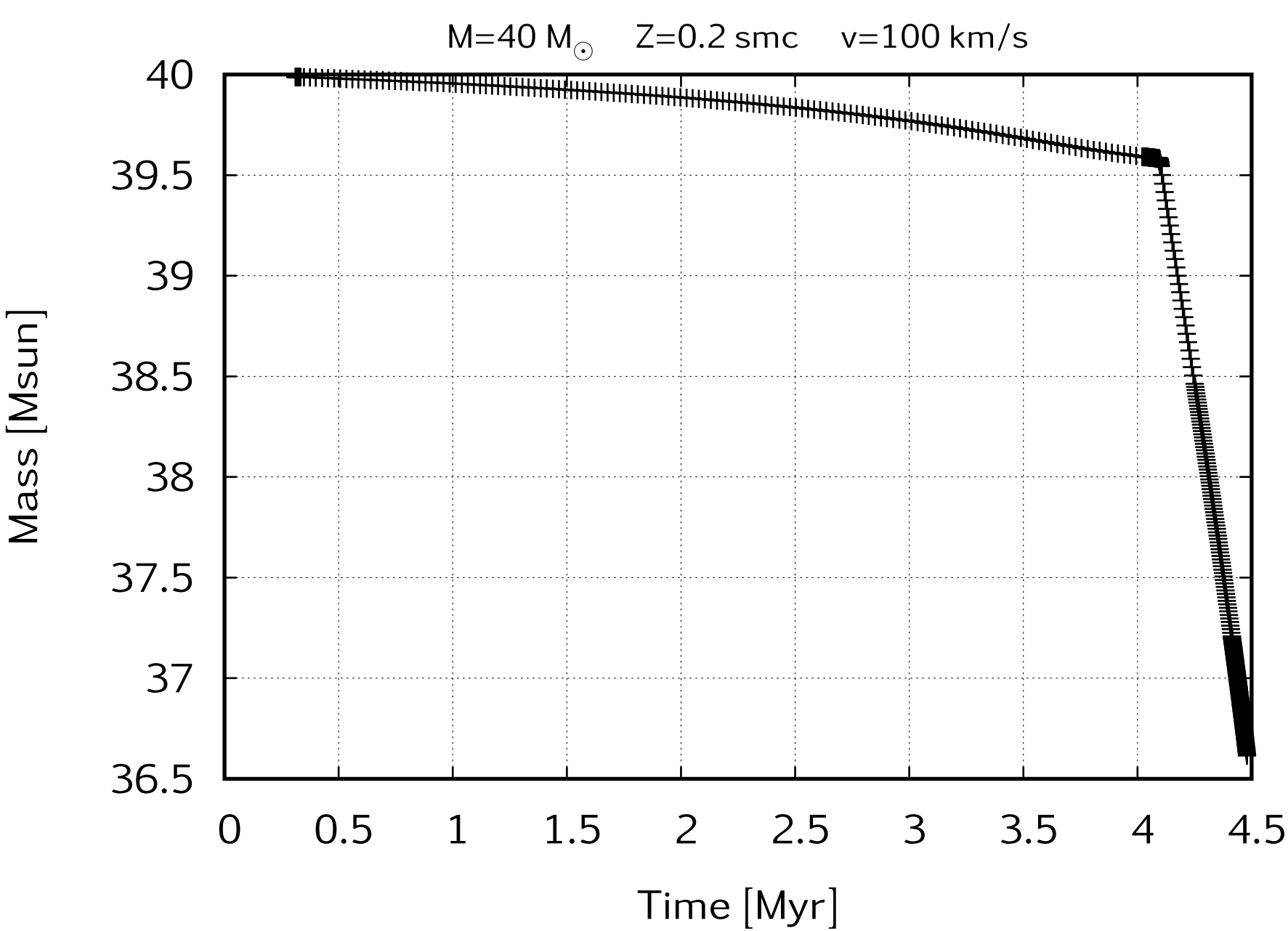
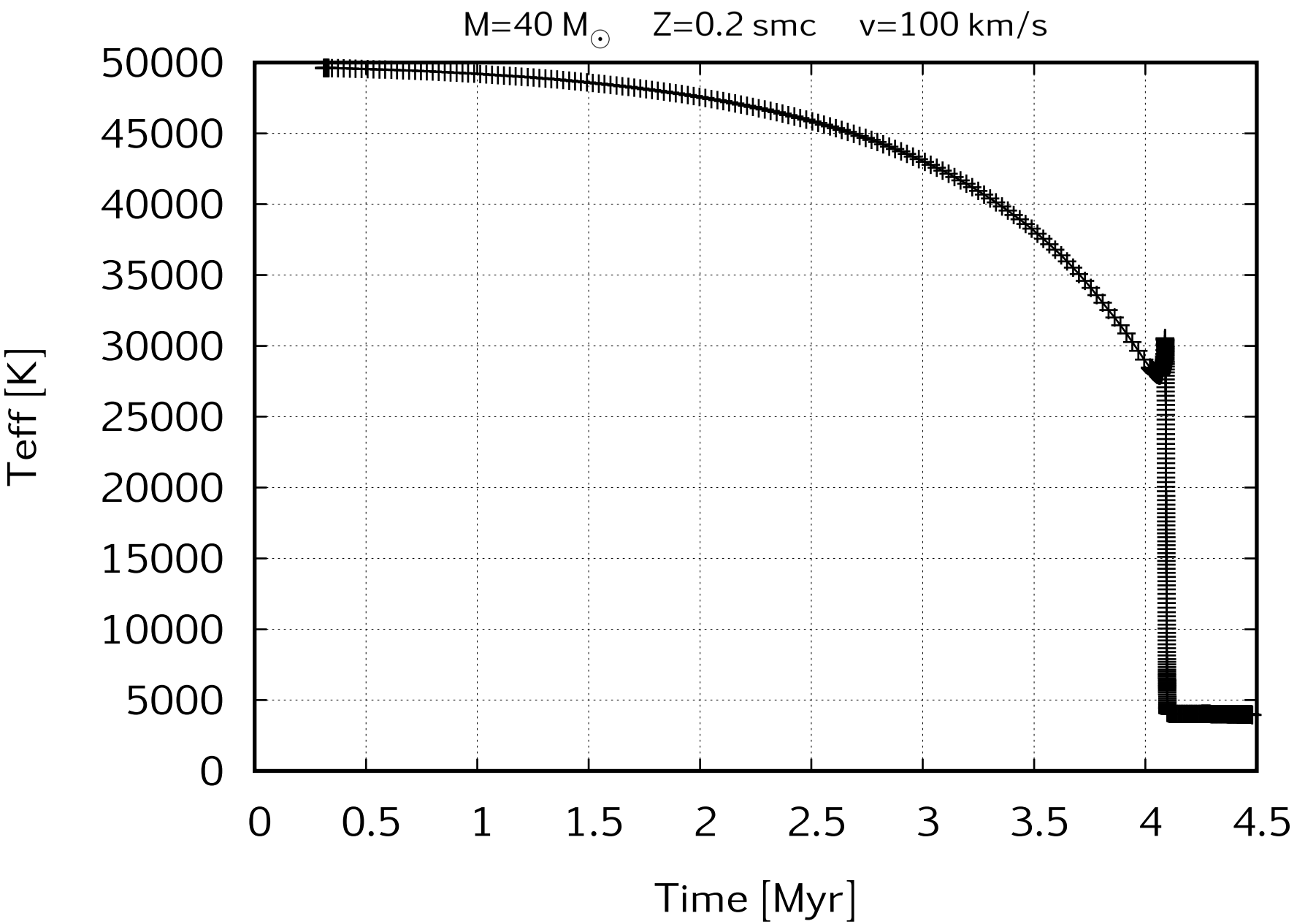
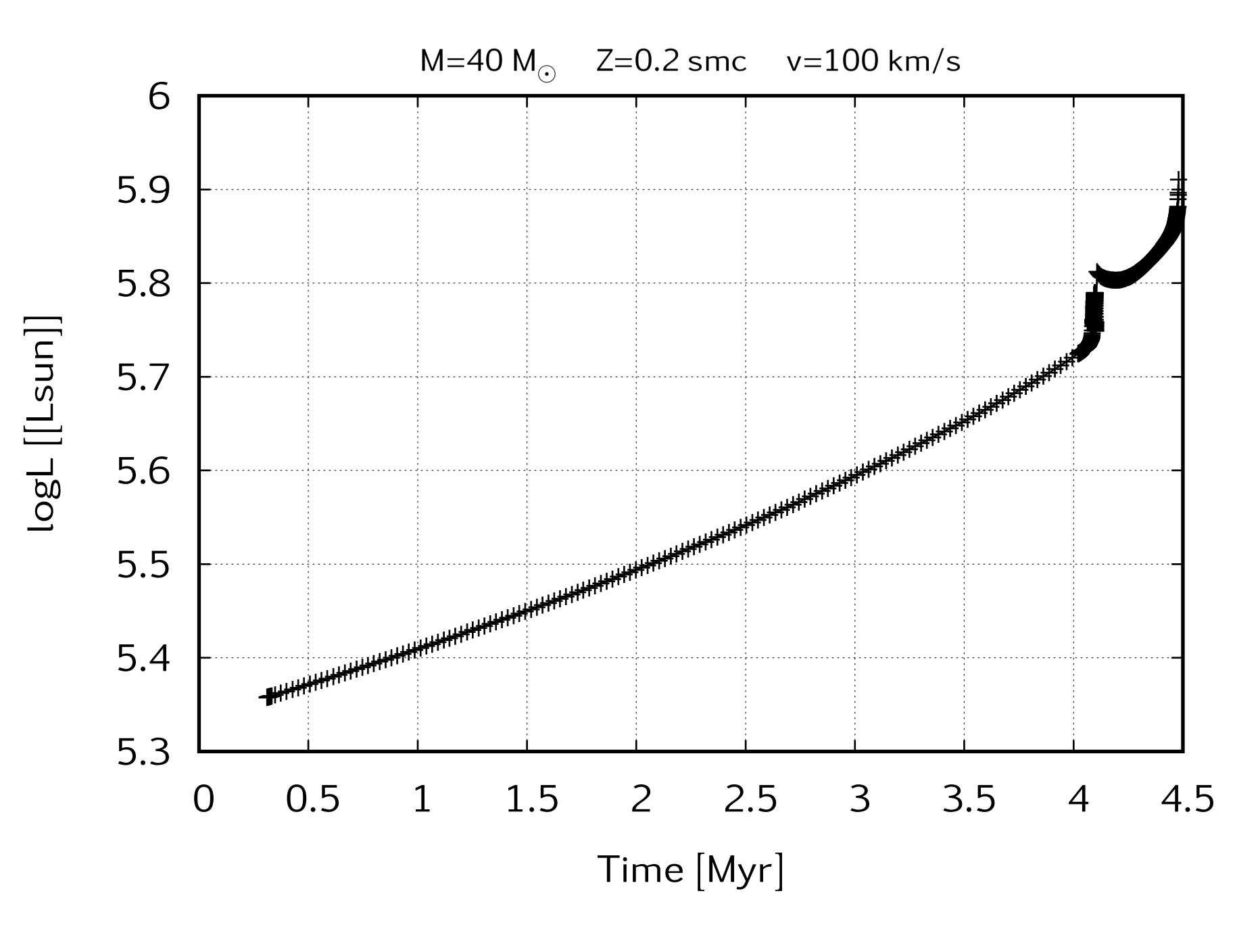
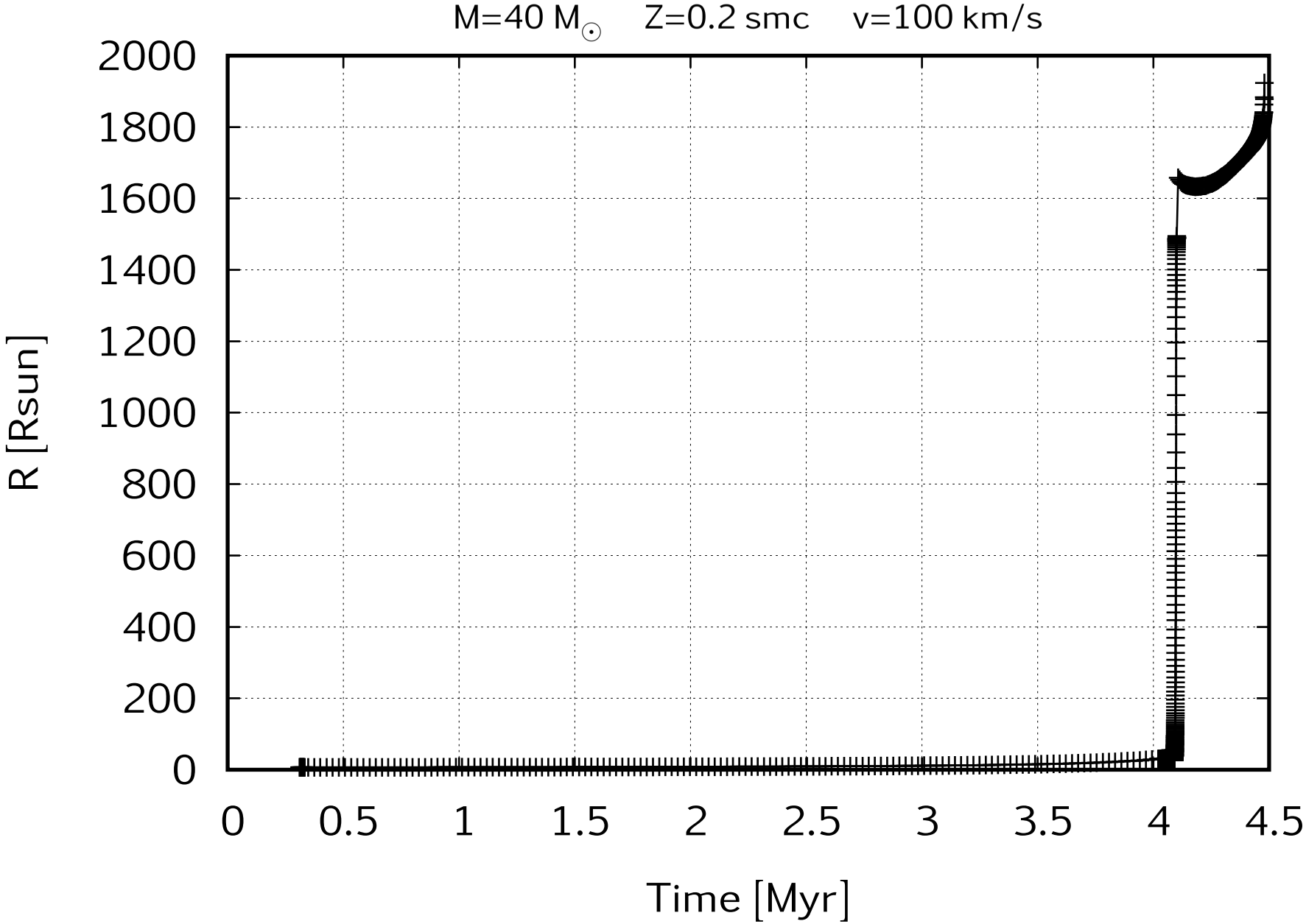

M=40 M⊙ Z=0.2 smc v=100 km/s
line number
Time [Myr]
0
100
200
300
400
500
600
700
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5

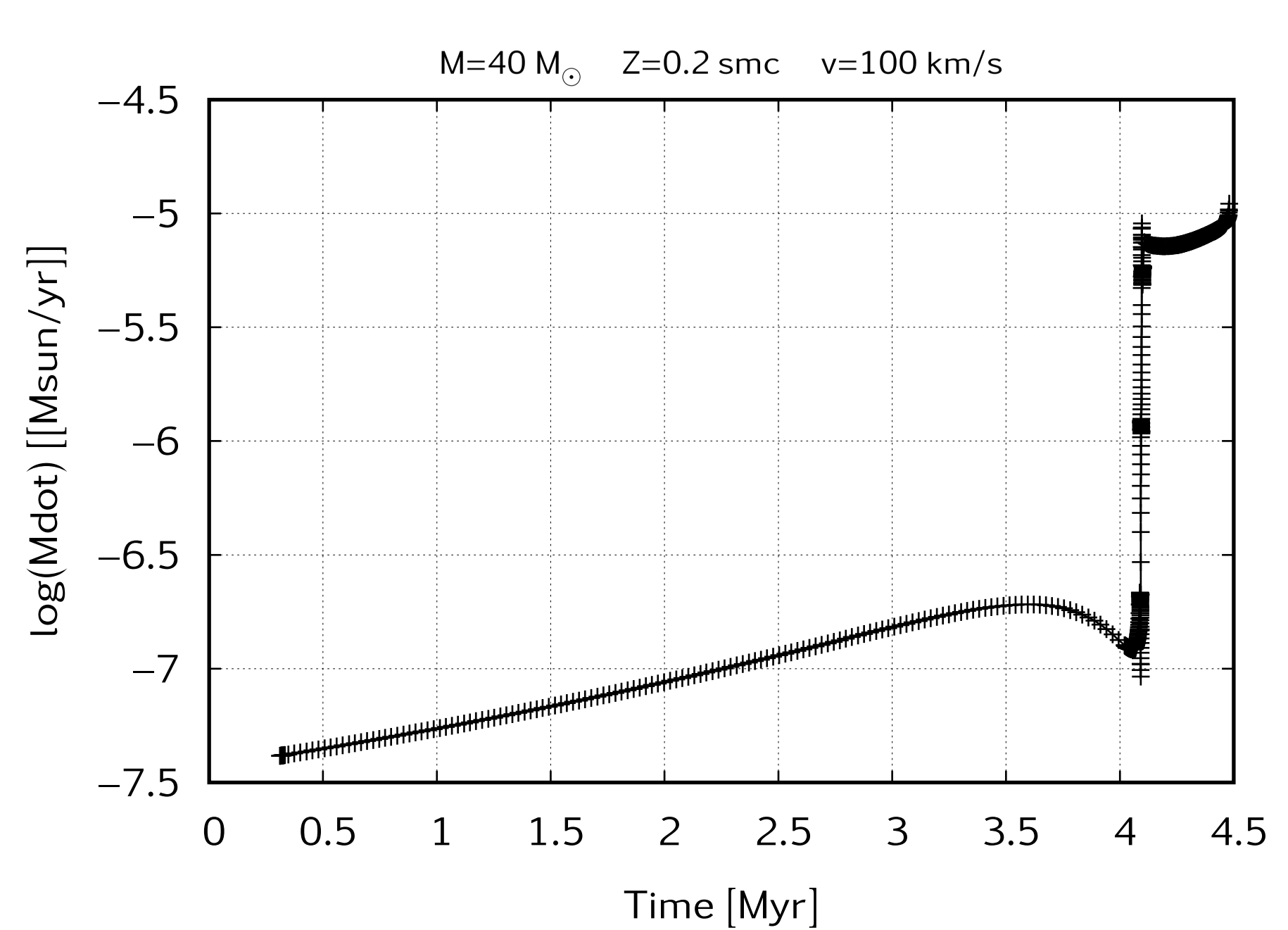

M=40 M⊙ Z=0.2 smc v=100 km/s
t [yr]
4.5×10^6
4×10^6
3.5×10^6
3×10^6
2.5×10^6
2×10^6
1.5×10^6
1×10^6
500000
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

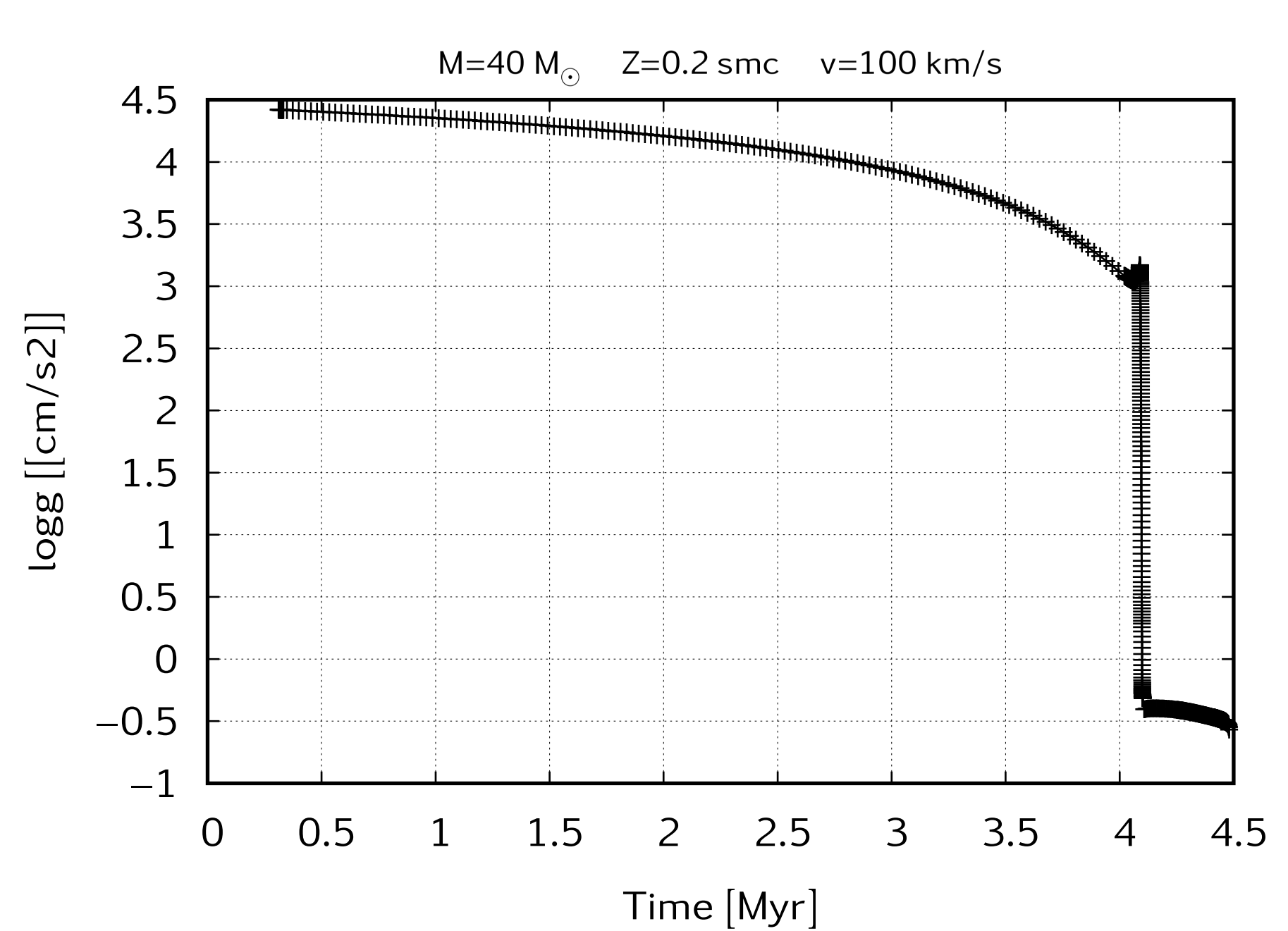

M=40 M⊙ Z=0.2 smc v=100 km/s
Mass [Msun]
Time [Myr]
40
39.5
39
38.5
38
37.5
37
36.5
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5

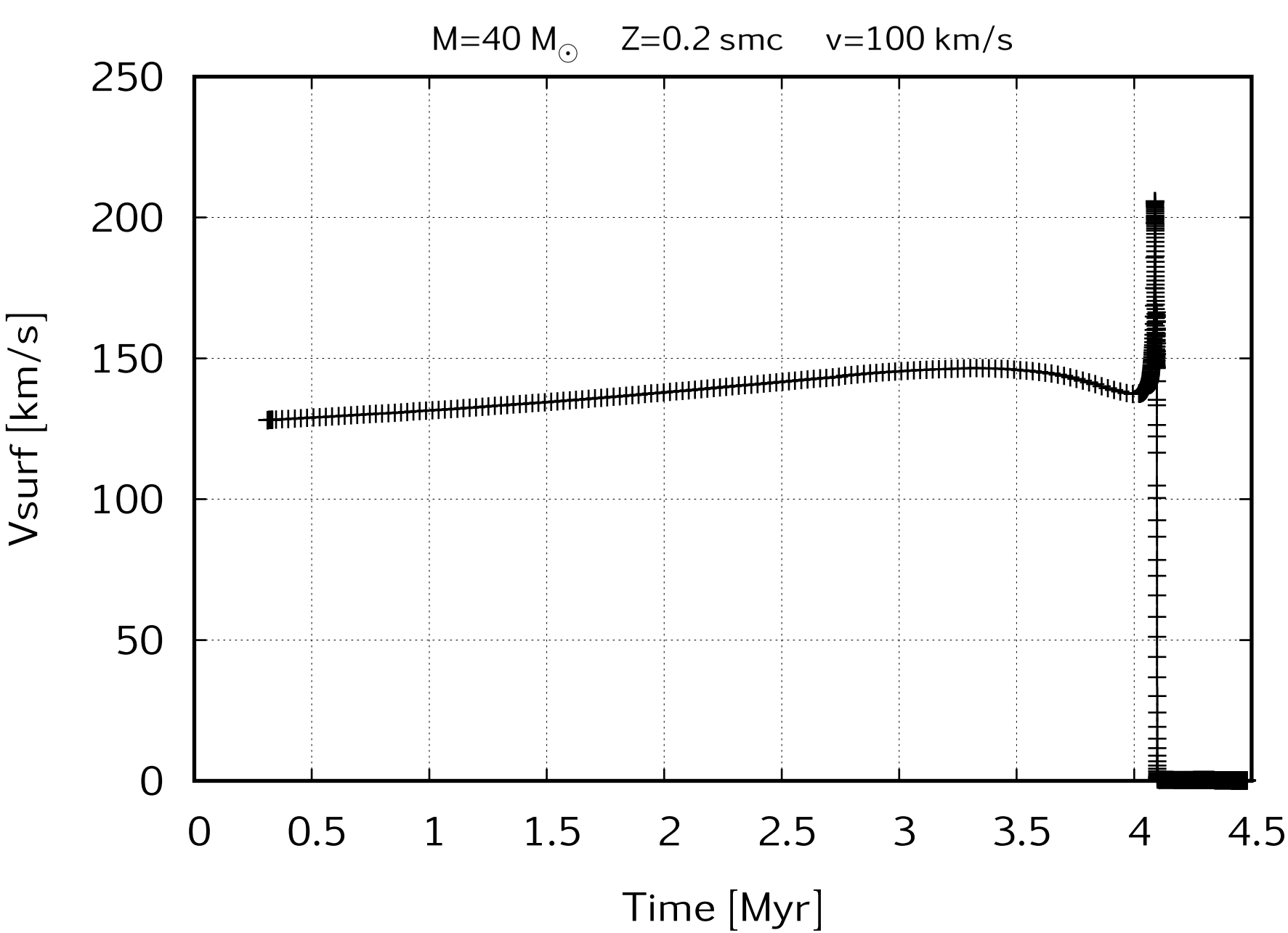

M=40 M⊙ Z=0.2 smc v=100 km/s
Teff [K]
50000
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

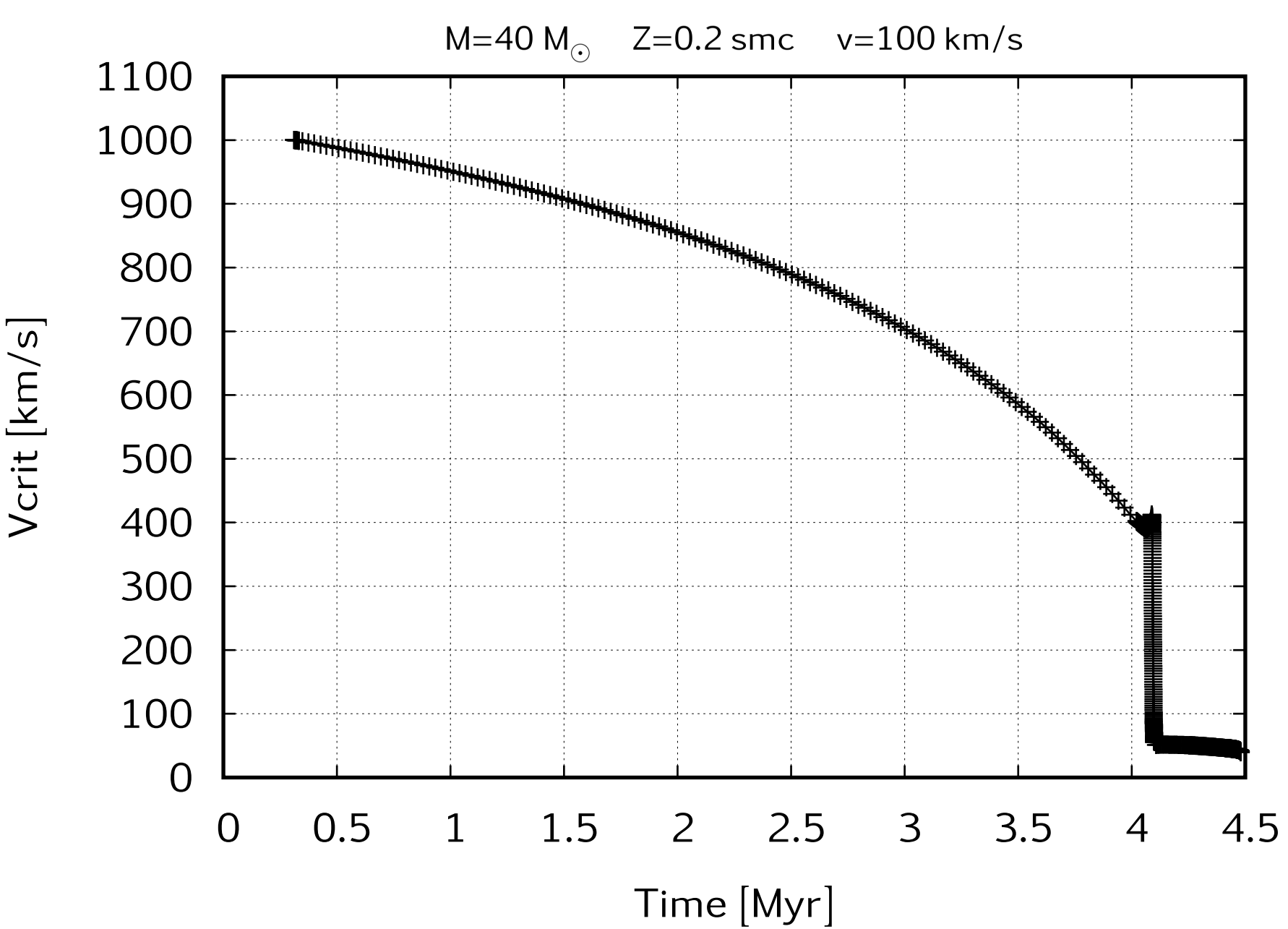

M=40 M⊙ Z=0.2 smc v=100 km/s
logL [[Lsun]]
6
5.9
5.8
5.7
5.6
5.5
5.4
5.3
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

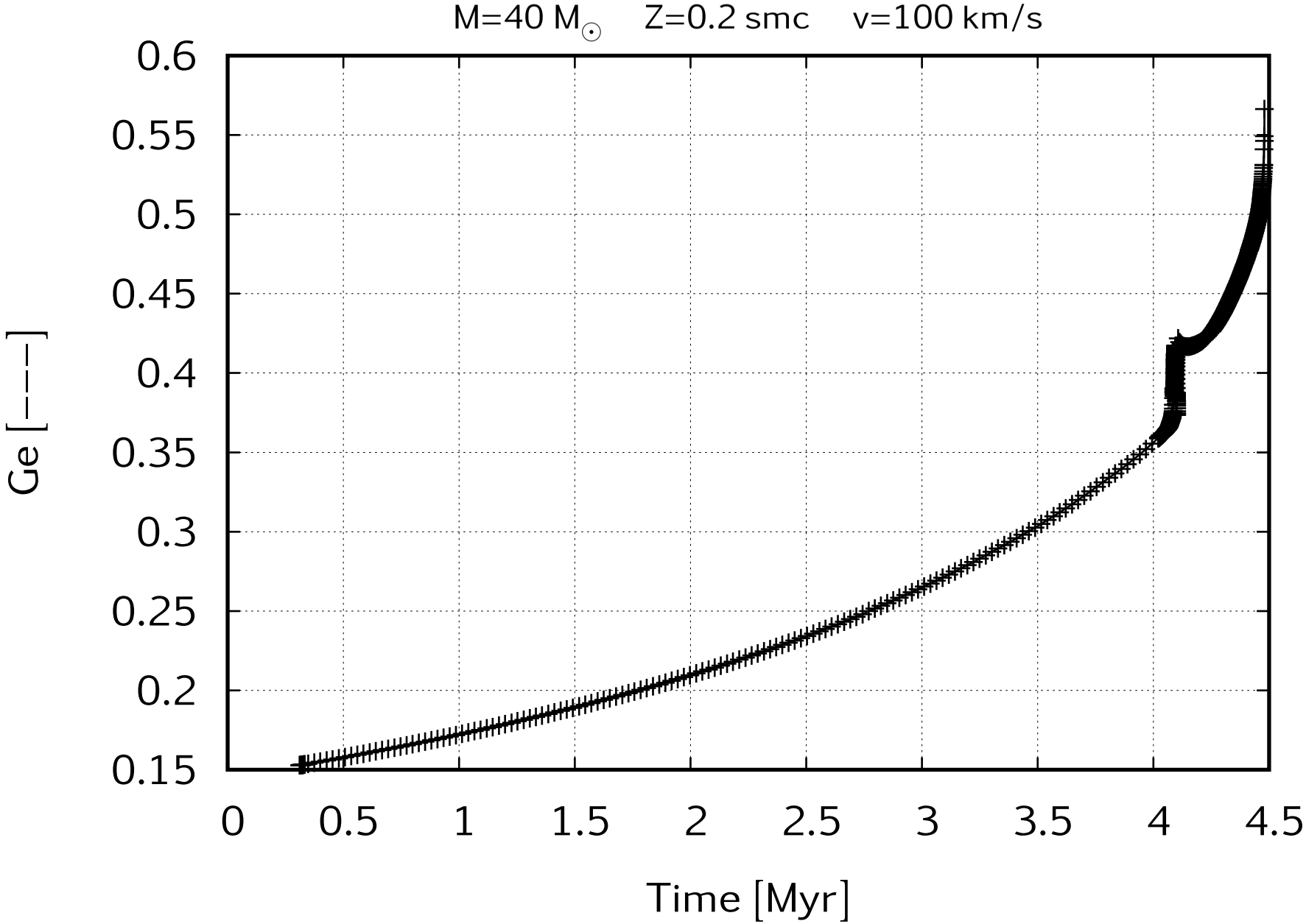

M=40 M⊙ Z=0.2 smc v=100 km/s
R [Rsun]
Time [Myr]
0
200
400
600
800
1000
1200
1400
1600
1800
2000
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5

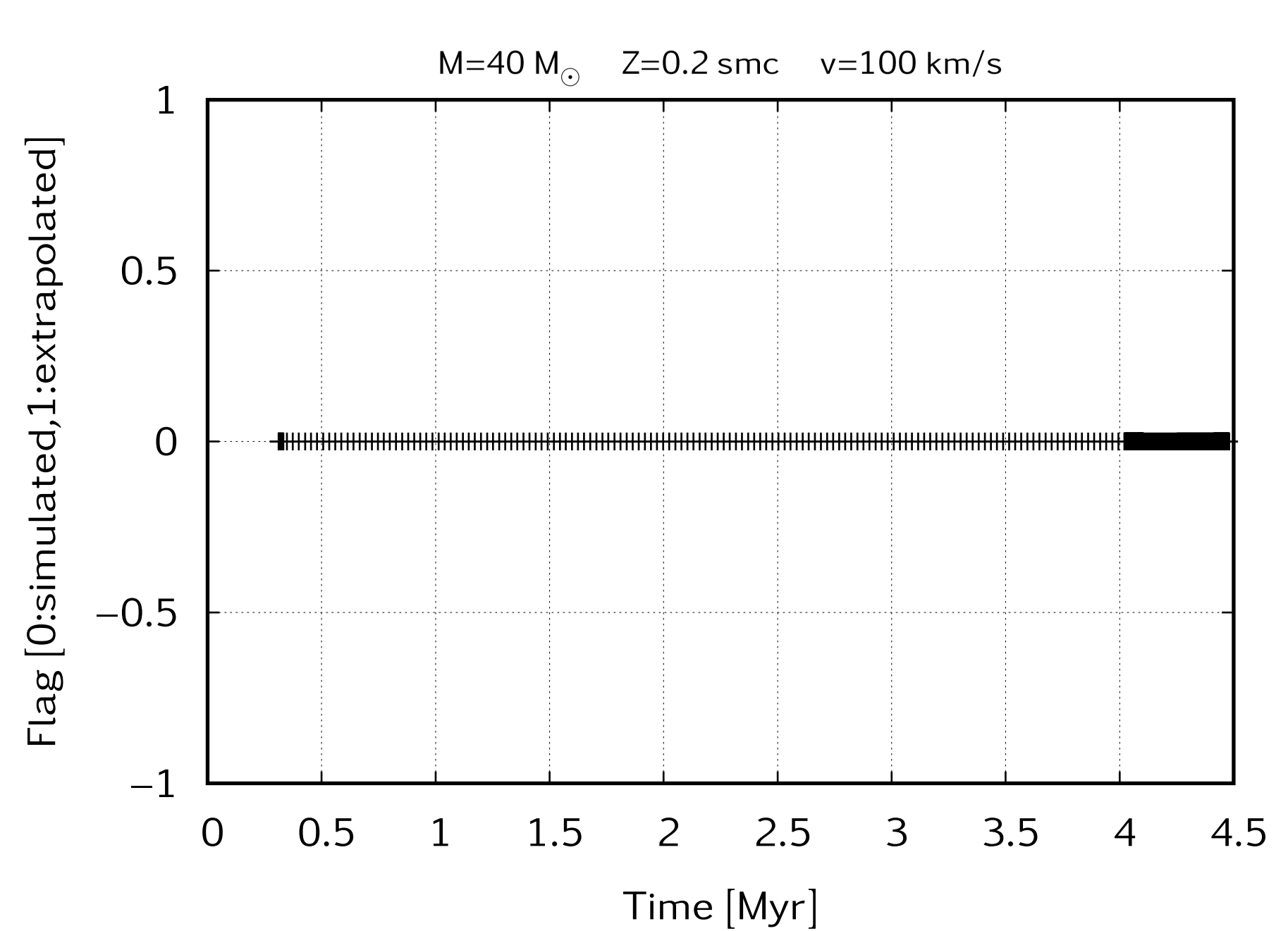

M=40 M⊙ Z=0.2 smc v=100 km/s
log(Mdot) [[Msun/yr]]
−4.5
−5
−5.5
−6
−6.5
−7
−7.5
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

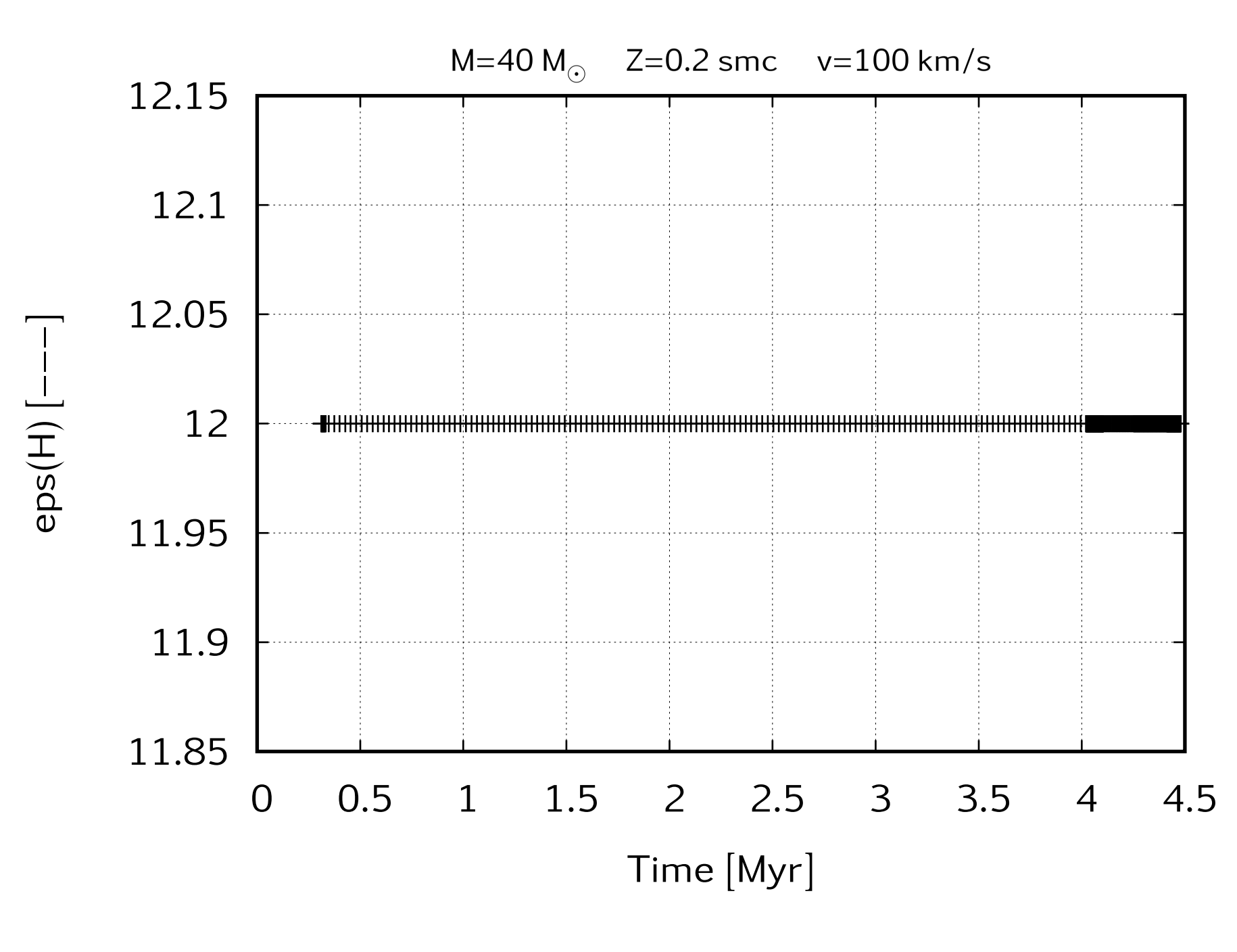

M=40 M⊙ Z=0.2 smc v=100 km/s
logg [[cm/s2]]
Time [Myr]
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
−0.5
−1
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5

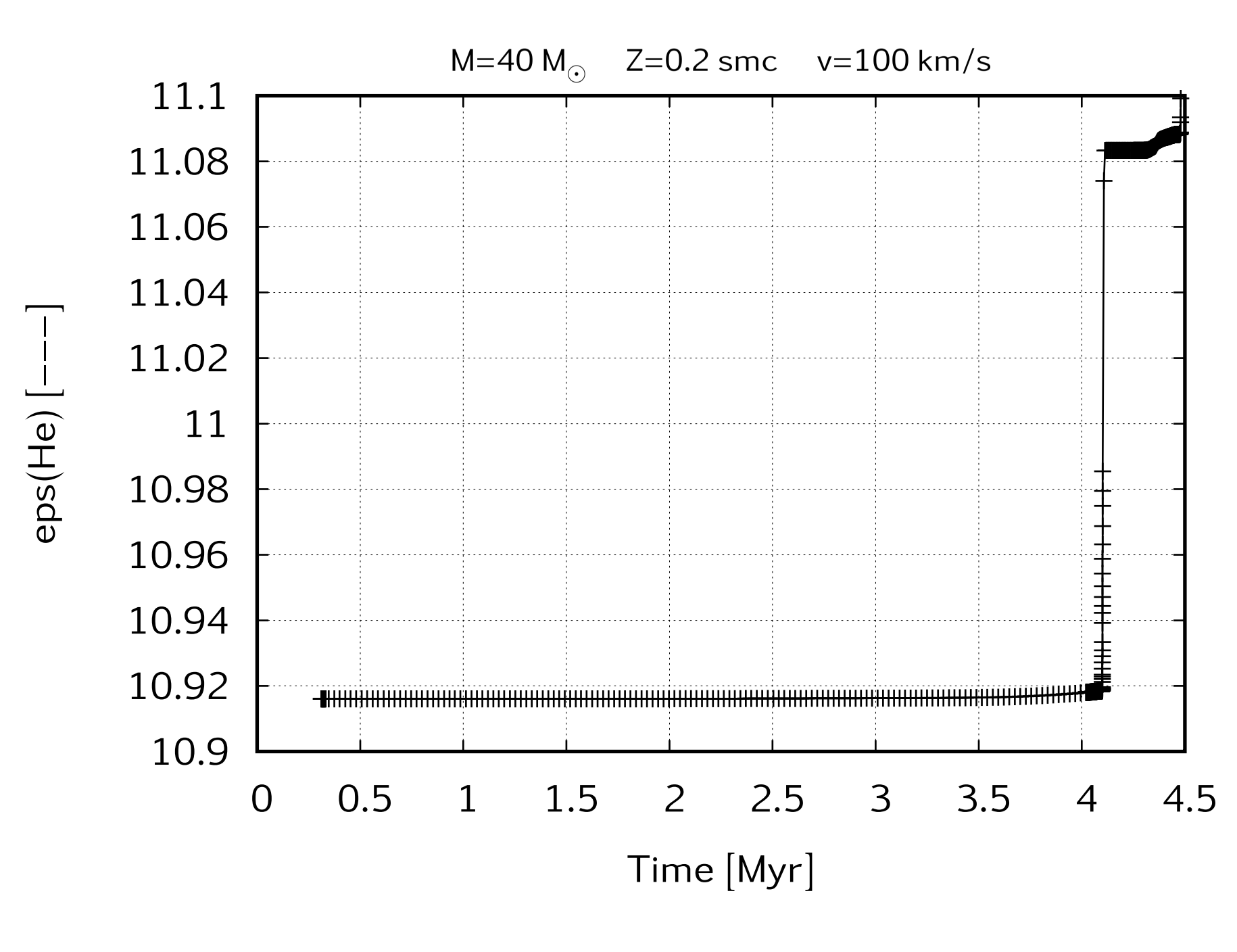

M=40 M⊙ Z=0.2 smc v=100 km/s
Vsurf [km/s]
Time [Myr]
250
200
150
100
50
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5

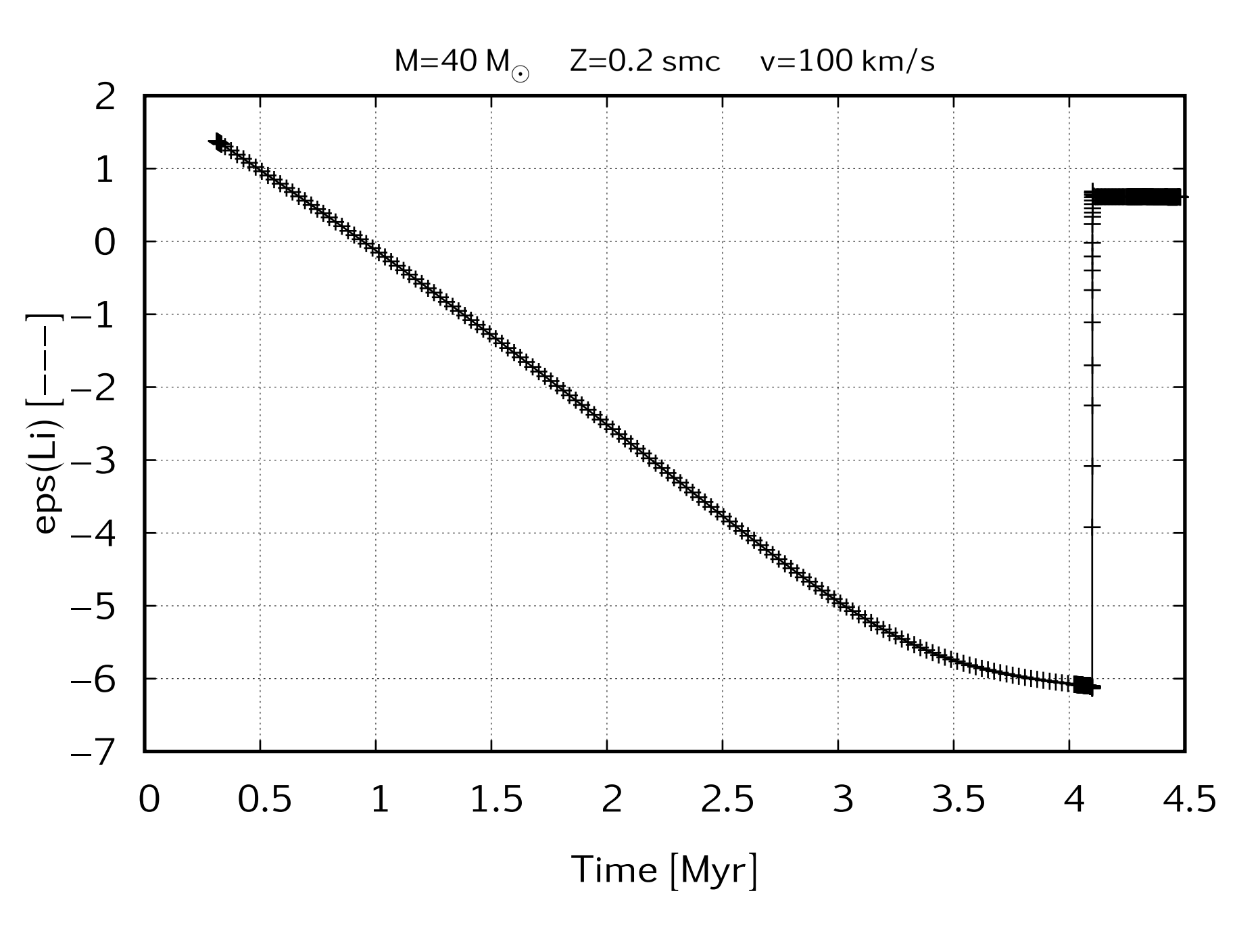

M=40 M⊙ Z=0.2 smc v=100 km/s
Vcrit [km/s]
1100
1000
900
800
700
600
500
400
300
200
100
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

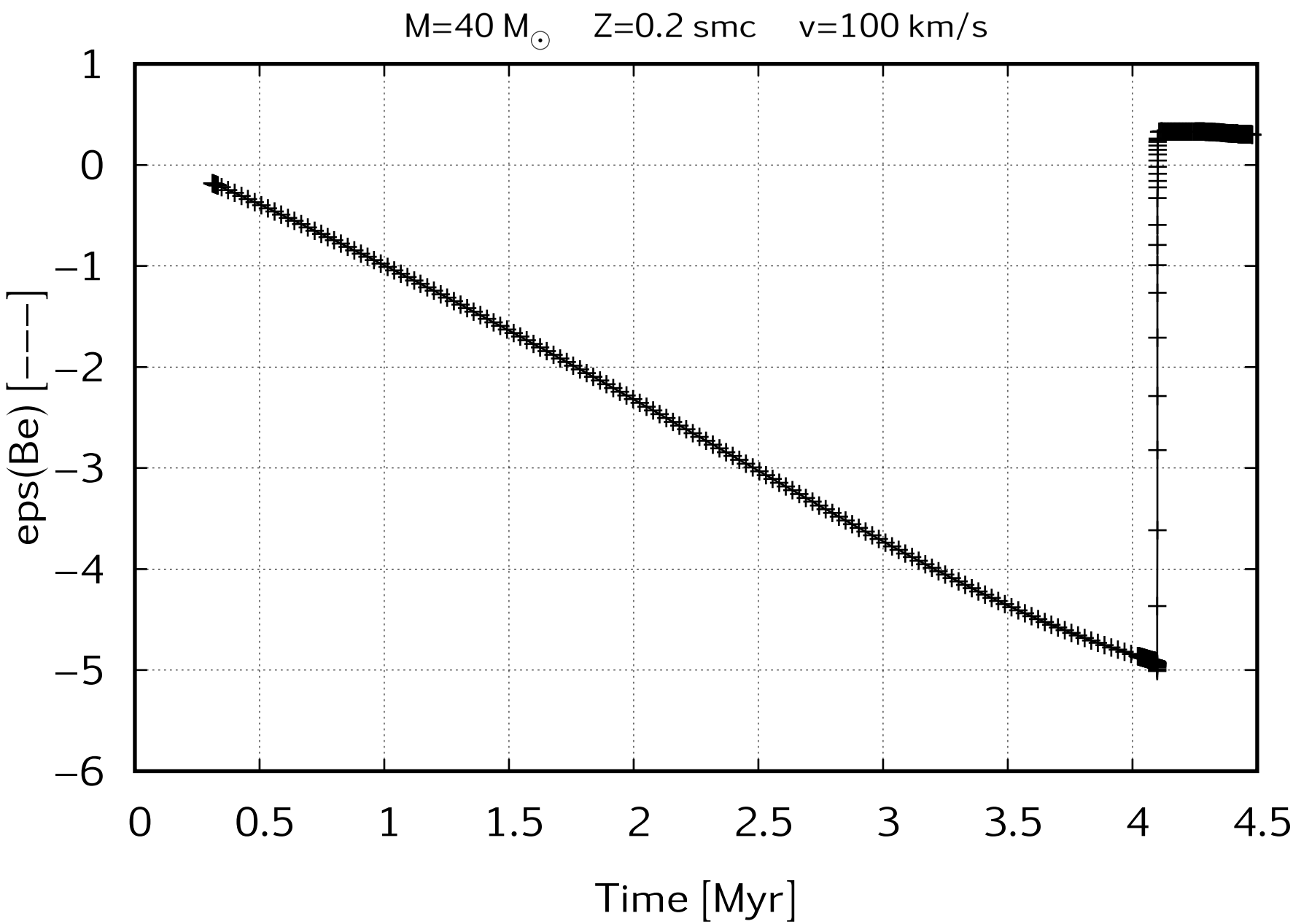

M=40 M⊙ Z=0.2 smc v=100 km/s
Ge [---]
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

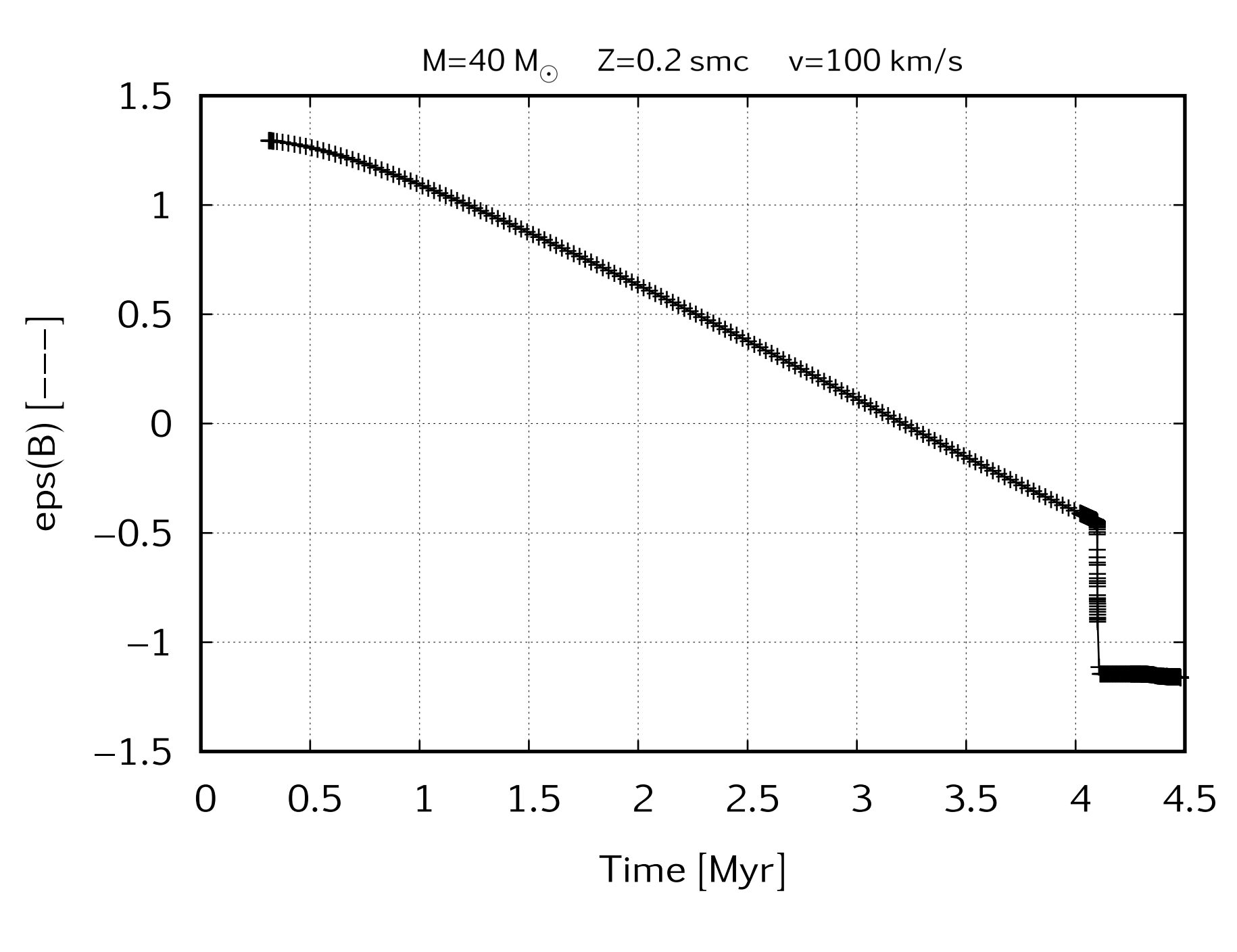

M=40 M⊙ Z=0.2 smc v=100 km/s
Flag [0:simulated,1:extrapolated]
1
0.5
0
−0.5
−1
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

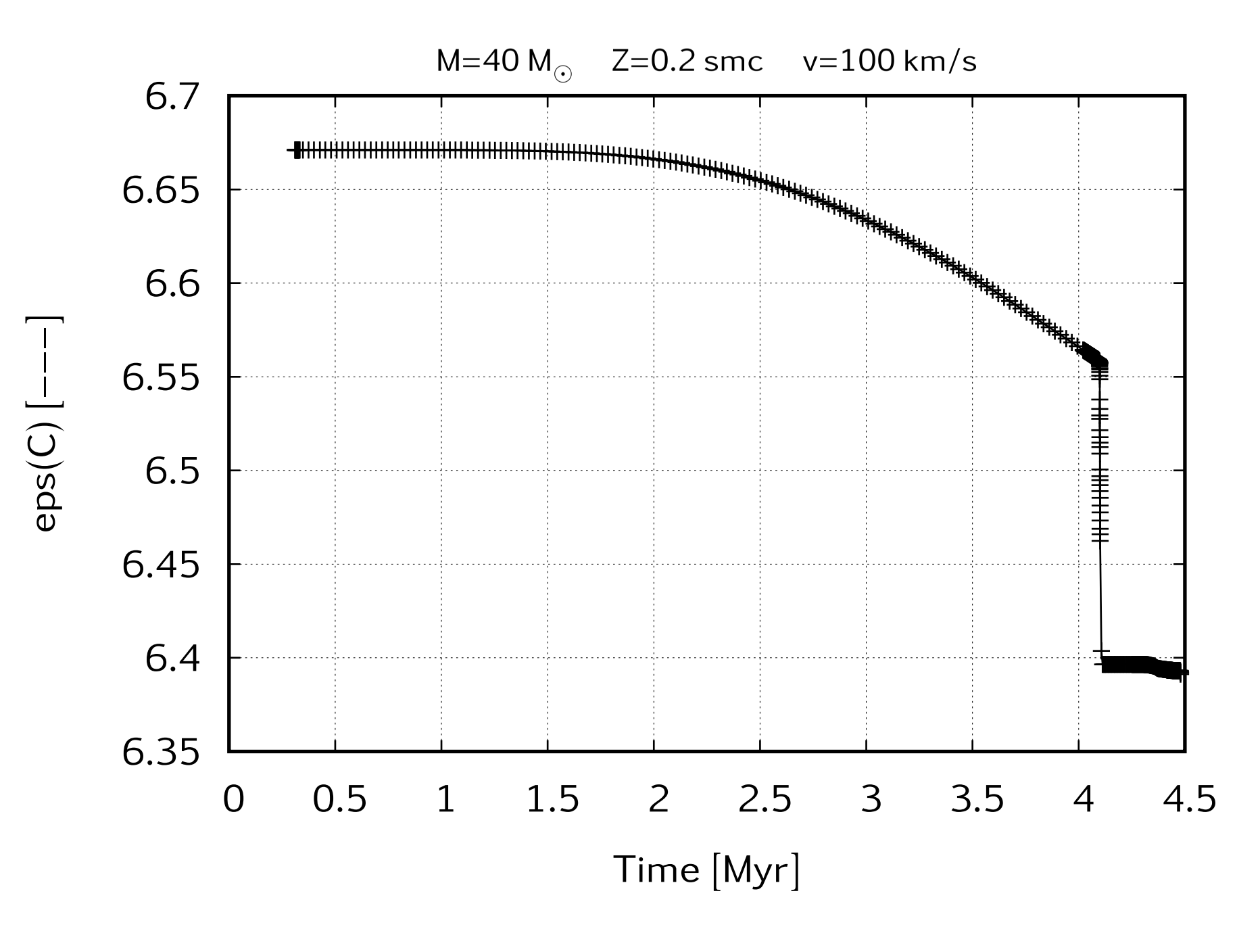

M=40 M⊙ Z=0.2 smc v=100 km/s
12.15
12.1
12.05
12
11.95
11.9
11.85
eps(H) [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

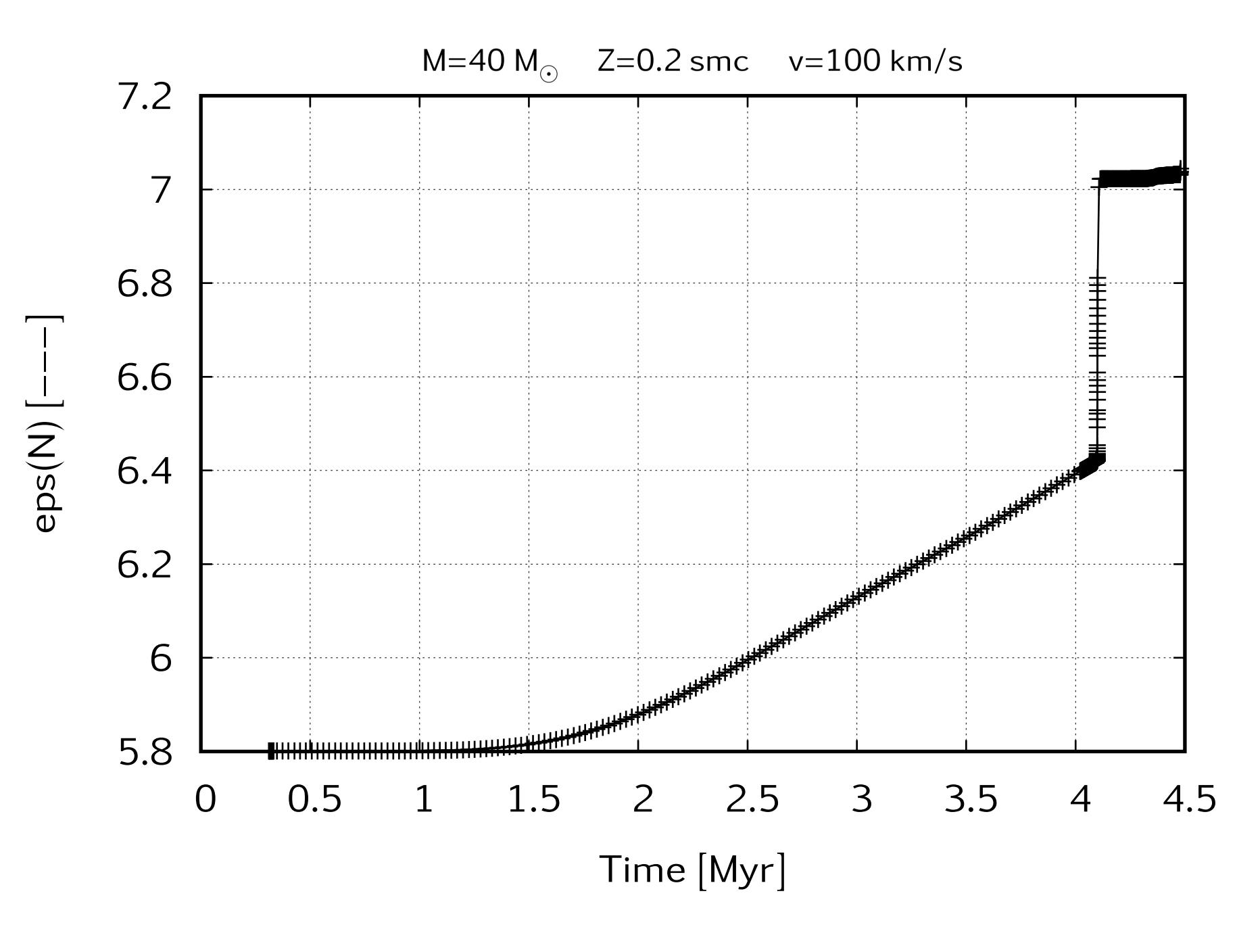

M=40 M⊙ Z=0.2 smc v=100 km/s
eps(He) [---]
11.1
11.08
11.06
11.04
11.02
11
10.98
10.96
10.94
10.92
10.9
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

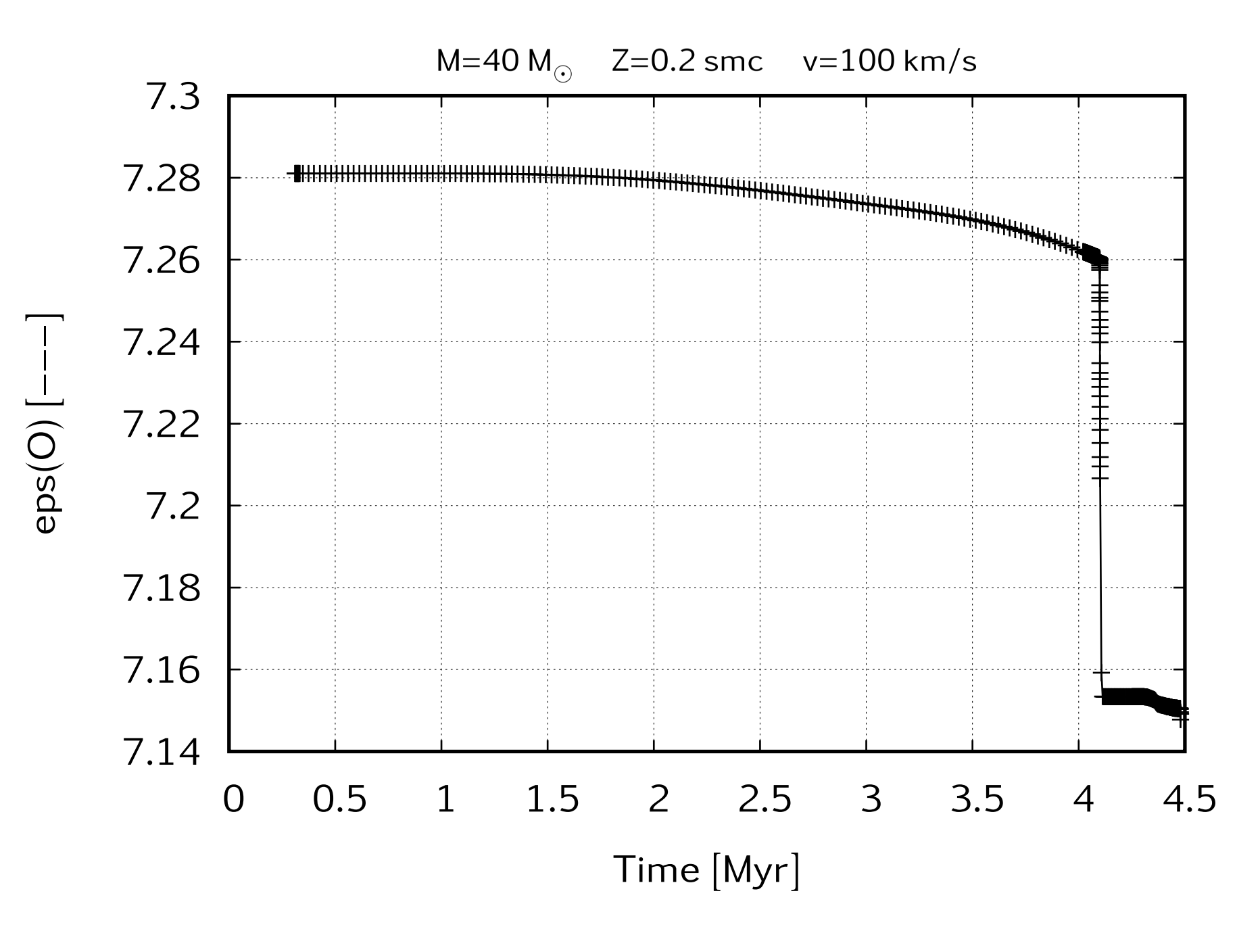

M=40 M⊙ Z=0.2 smc v=100 km/s
eps(Li) [---]
Time [Myr]
2
1
0
−1
−2
−3
−4
−5
−6
−7
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5

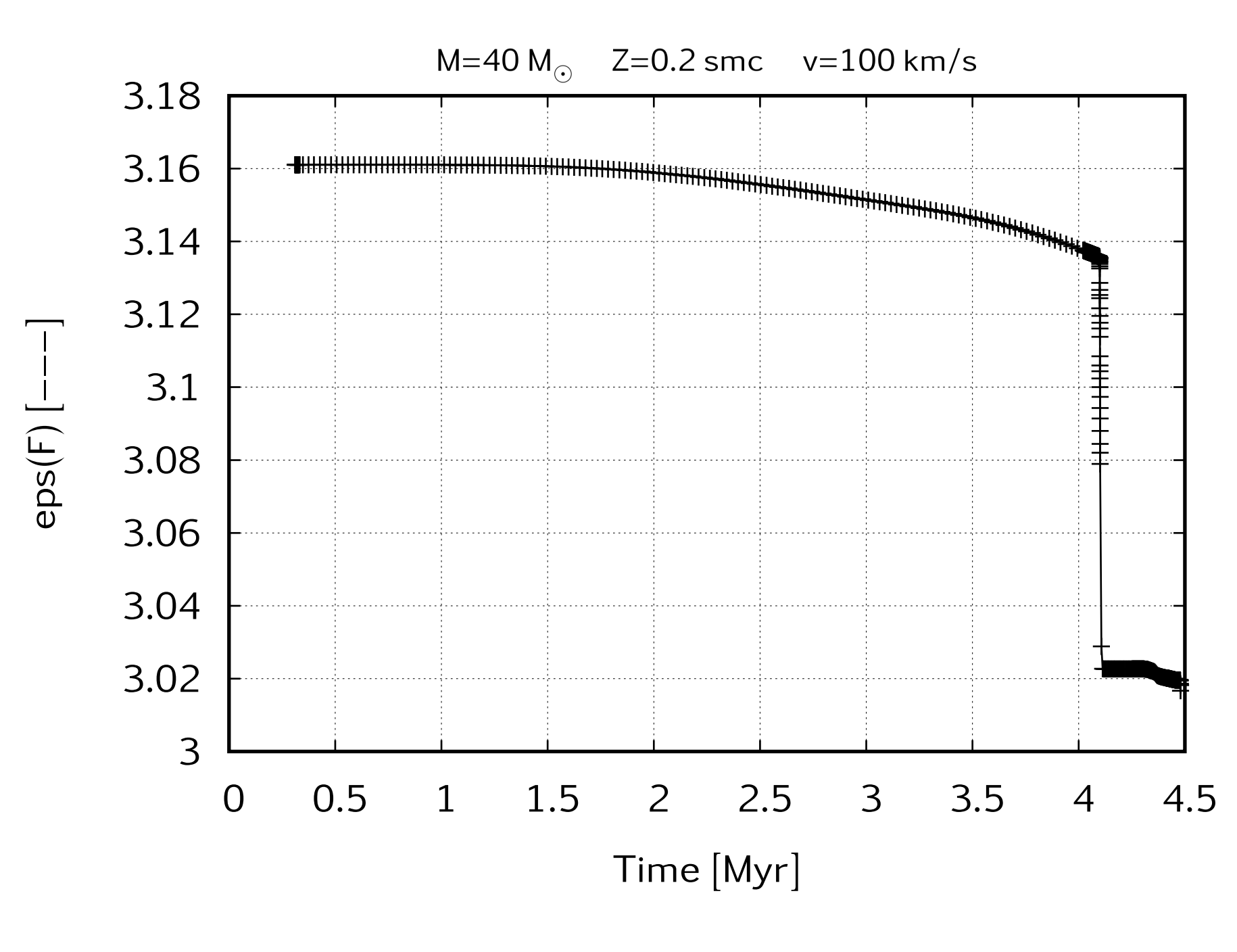

M=40 M⊙ Z=0.2 smc v=100 km/s
eps(Be) [---]
Time [Myr]
1
0
−1
−2
−3
−4
−5
−6
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5

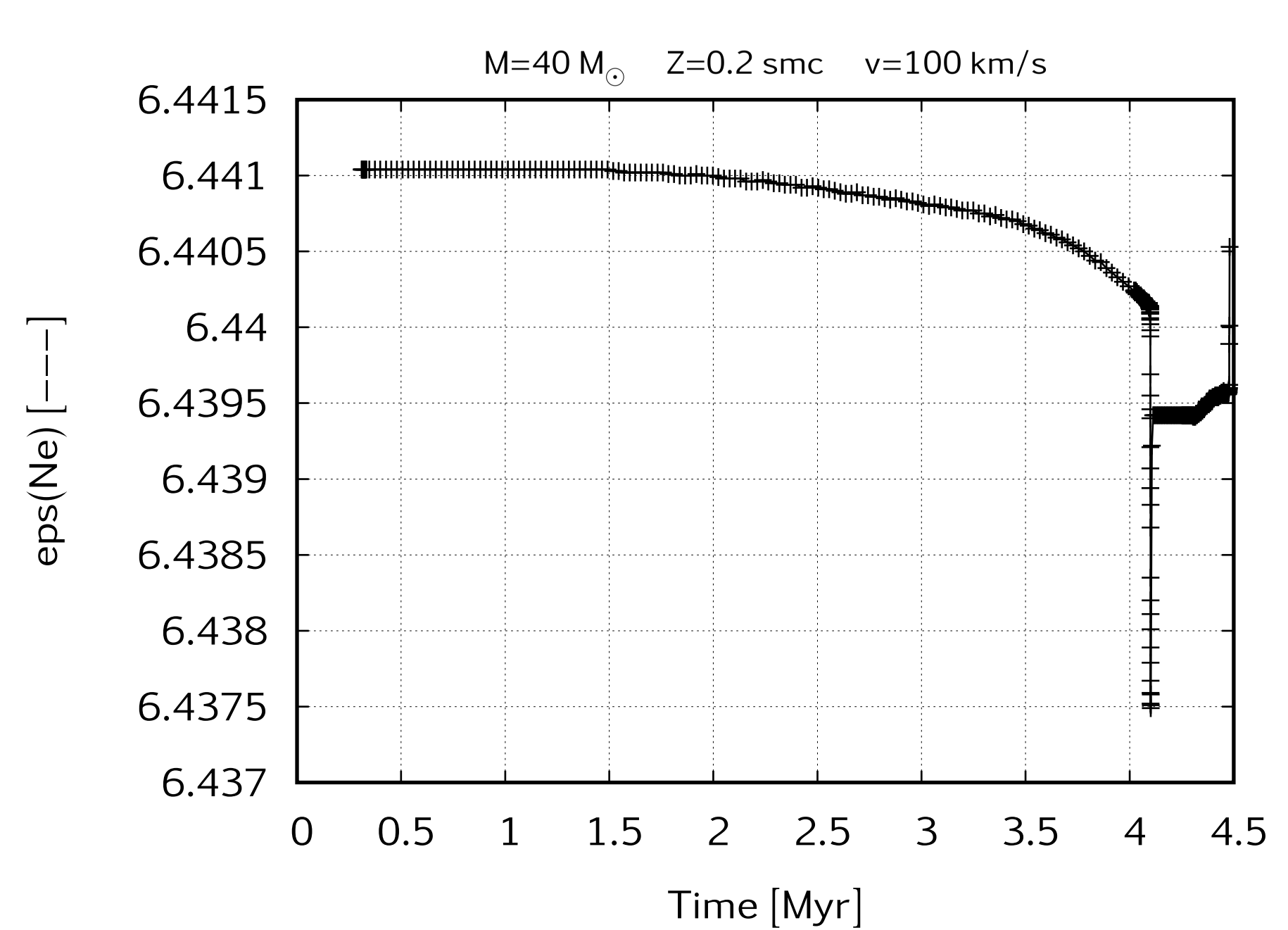

M=40 M⊙ Z=0.2 smc v=100 km/s
eps(B) [---]
Time [Myr]
1.5
1
0.5
0
−0.5
−1
−1.5
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5

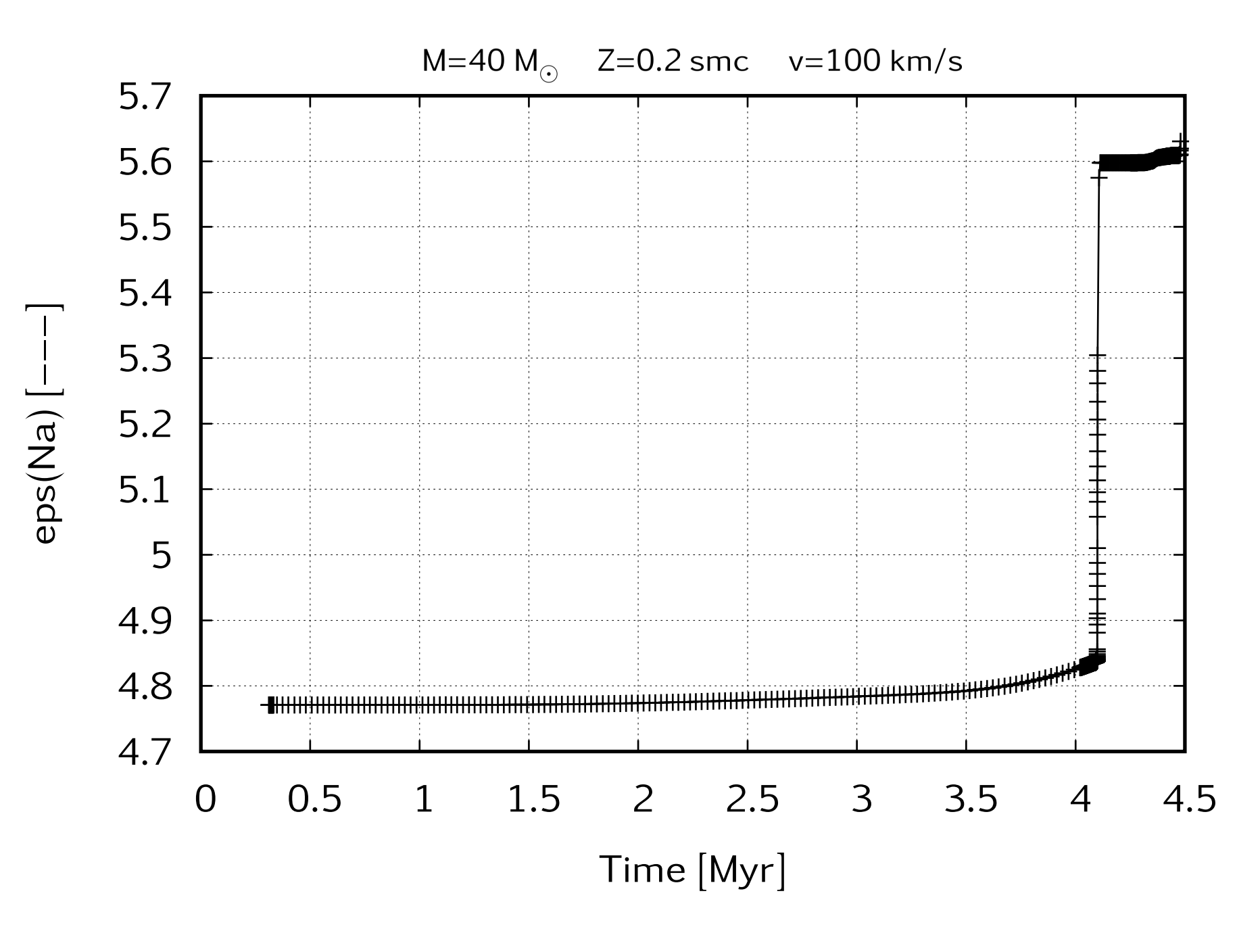

M=40 M⊙ Z=0.2 smc v=100 km/s
6.7
6.65
6.6
6.55
6.5
6.45
6.4
6.35
eps(C) [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

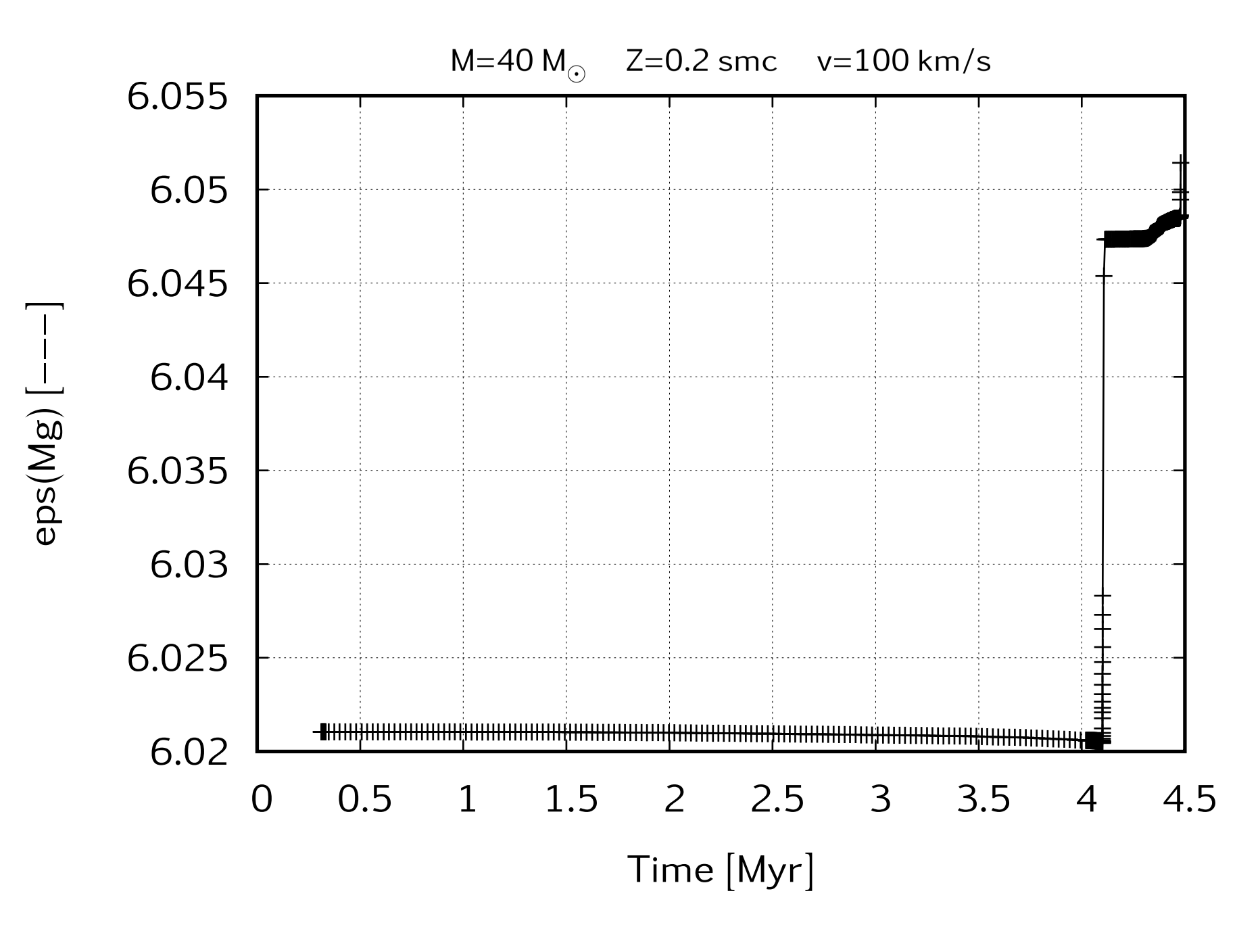

M=40 M⊙ Z=0.2 smc v=100 km/s
eps(N) [---]
7.2
7
6.8
6.6
6.4
6.2
6
5.8
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

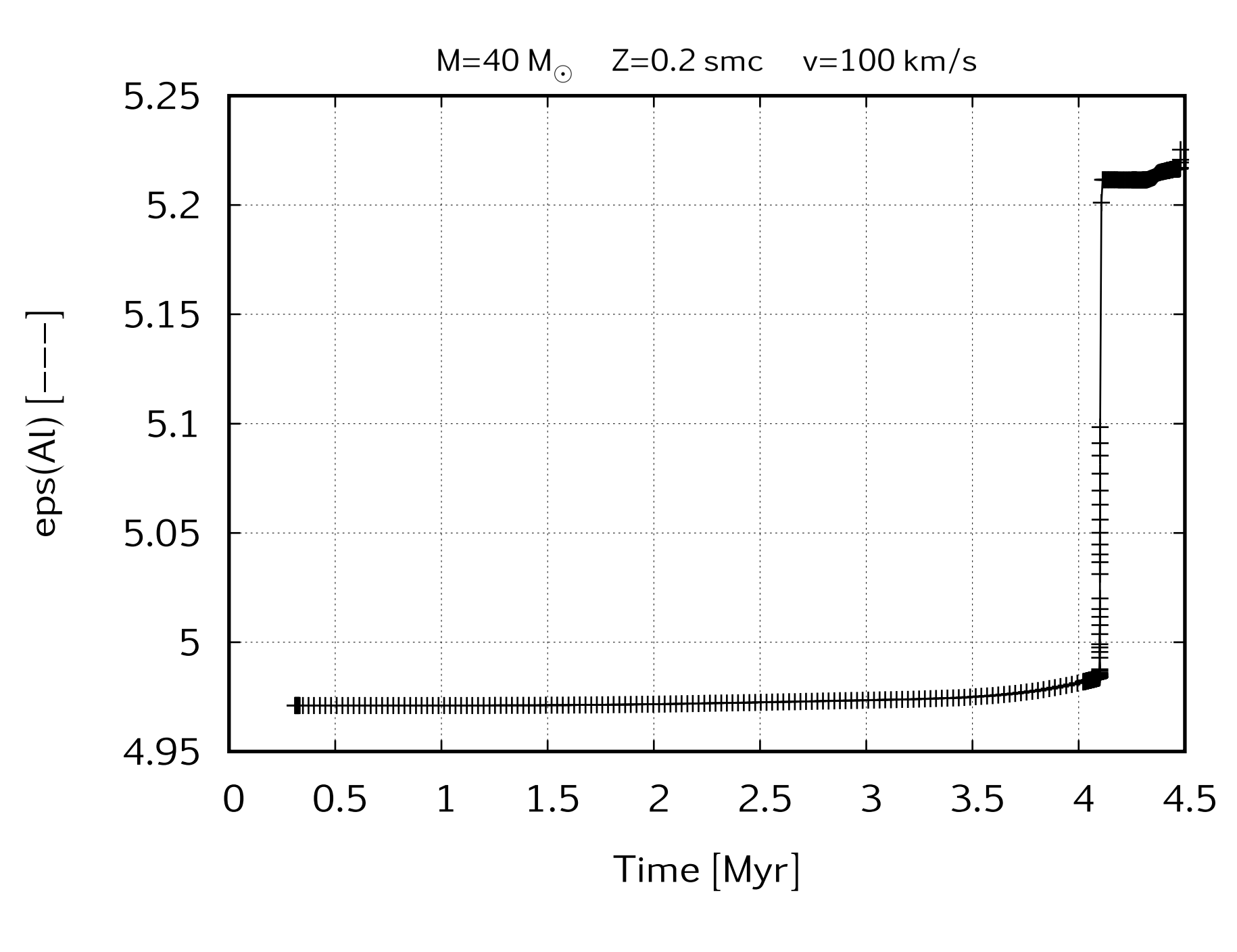

M=40 M⊙ Z=0.2 smc v=100 km/s
7.3
7.28
7.26
7.24
7.22
7.2
7.18
7.16
7.14
eps(O) [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

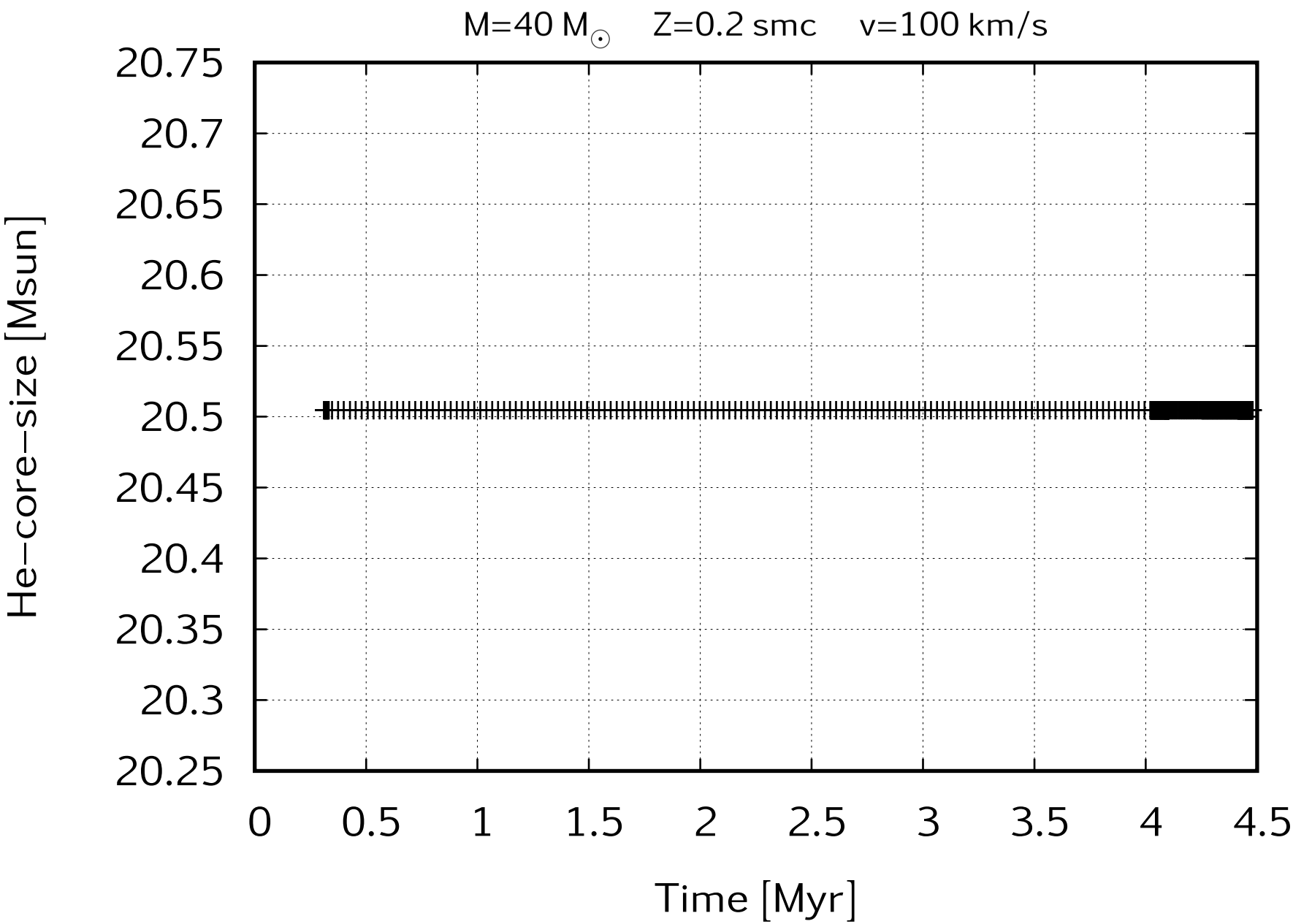

M=40 M⊙ Z=0.2 smc v=100 km/s
eps(F) [---]
3.18
3.16
3.14
3.12
3.1
3.08
3.06
3.04
3.02
3
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

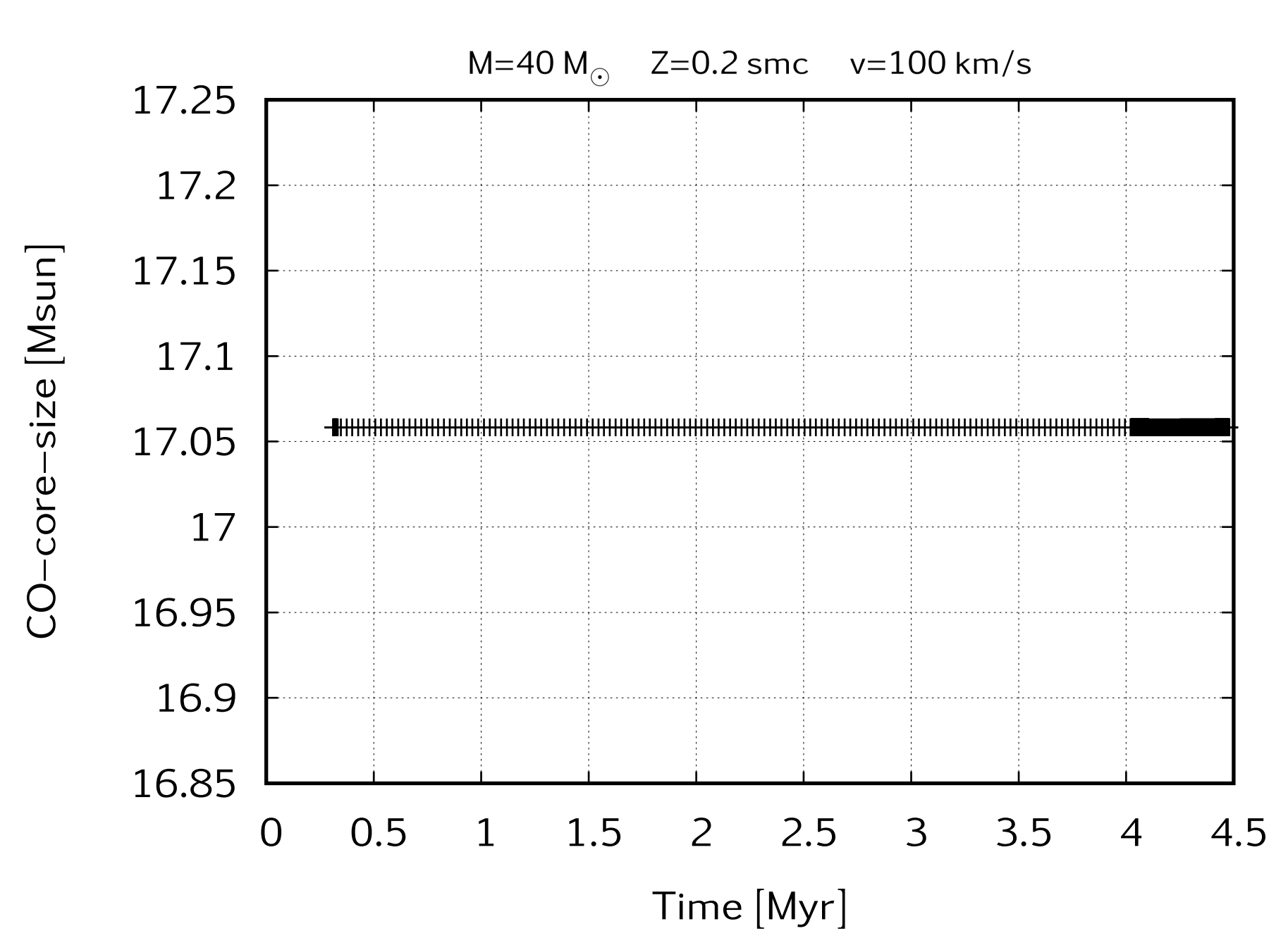

M=40 M⊙ Z=0.2 smc v=100 km/s
6.4415
6.441
6.4405
6.44
6.4395
6.439
6.4385
6.438
6.4375
6.437
eps(Ne) [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

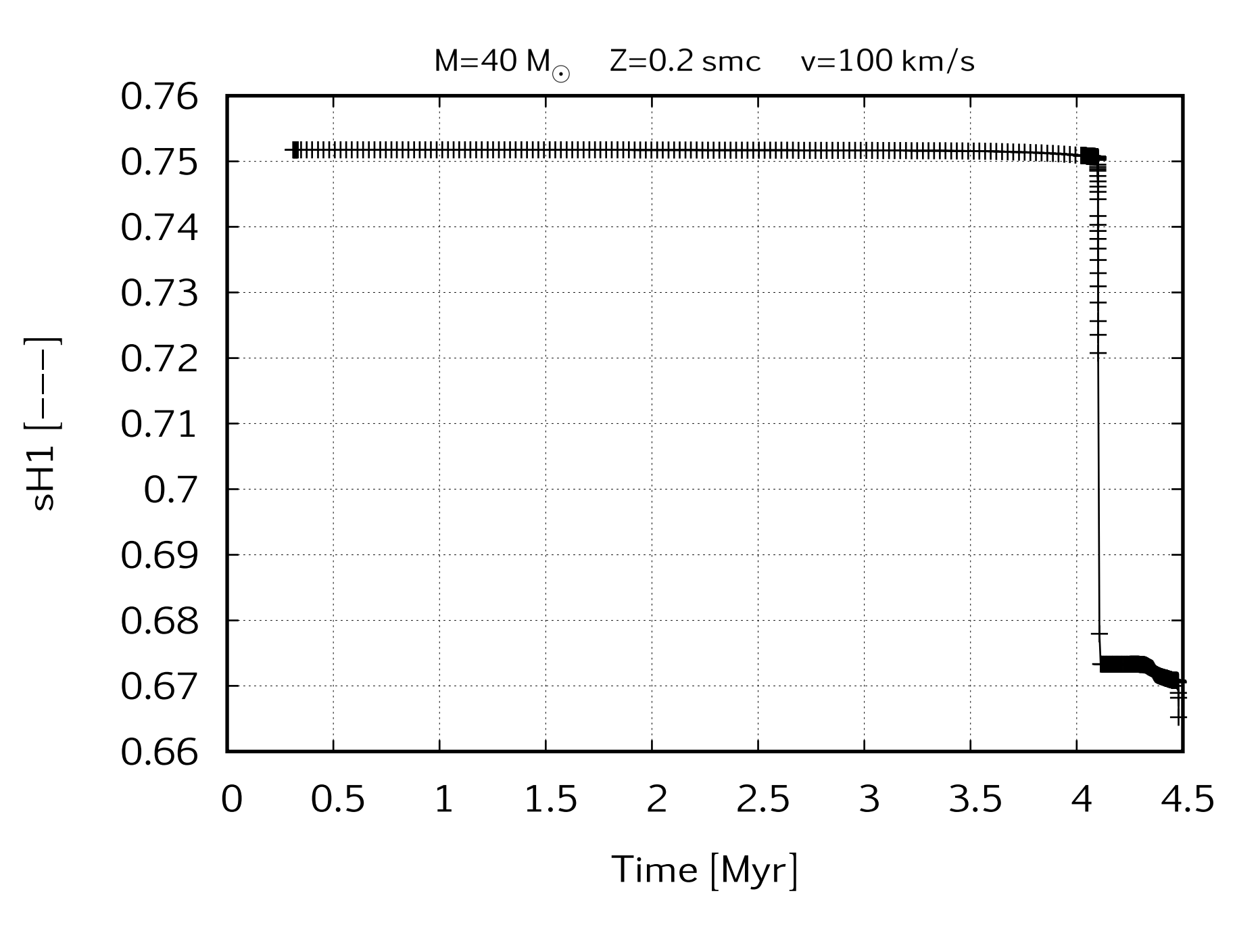

M=40 M⊙ Z=0.2 smc v=100 km/s
eps(Na) [---]
5.7
5.6
5.5
5.4
5.3
5.2
5.1
5
4.9
4.8
4.7
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

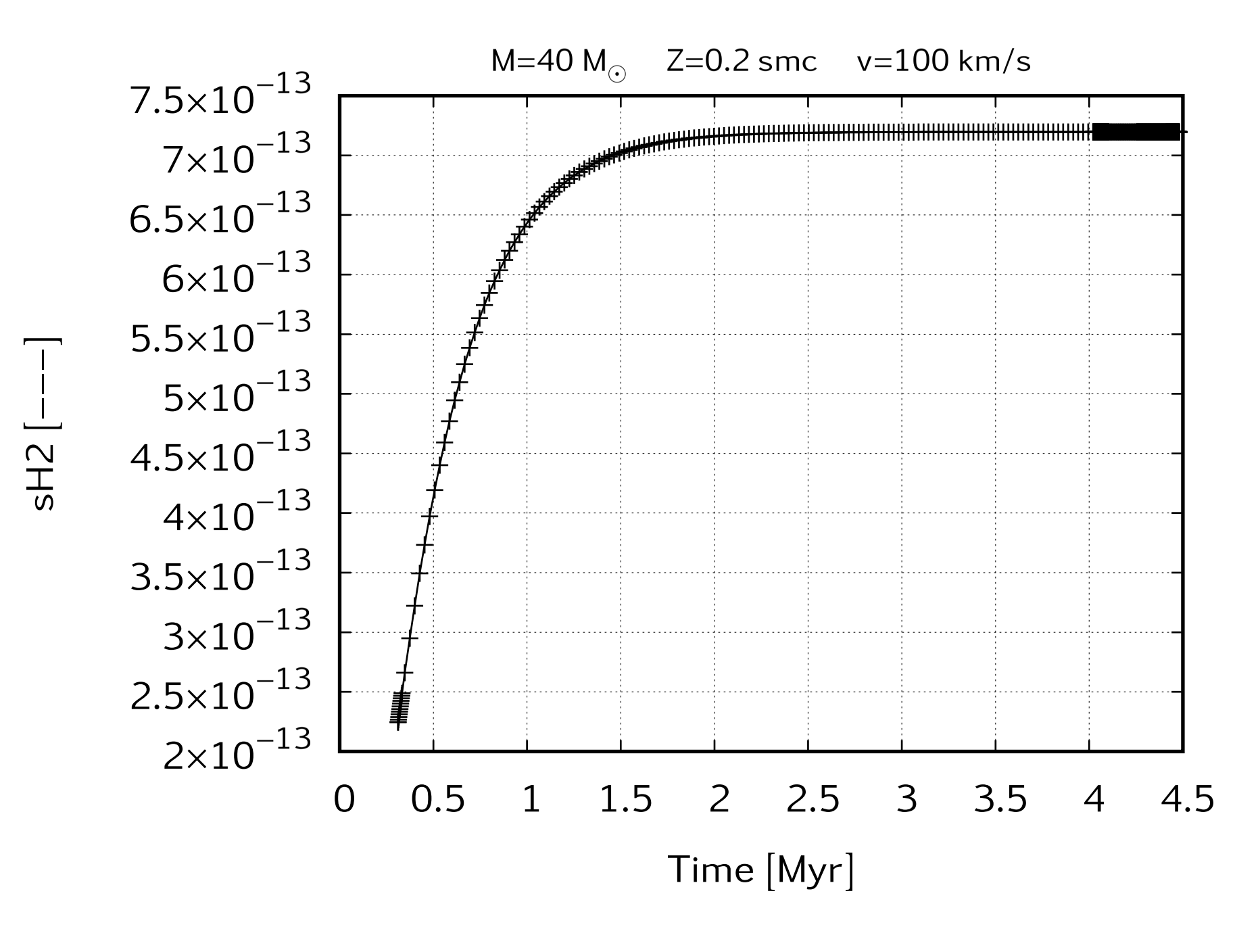

M=40 M⊙ Z=0.2 smc v=100 km/s
6.055
6.05
6.045
6.04
6.035
6.03
6.025
6.02
eps(Mg) [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

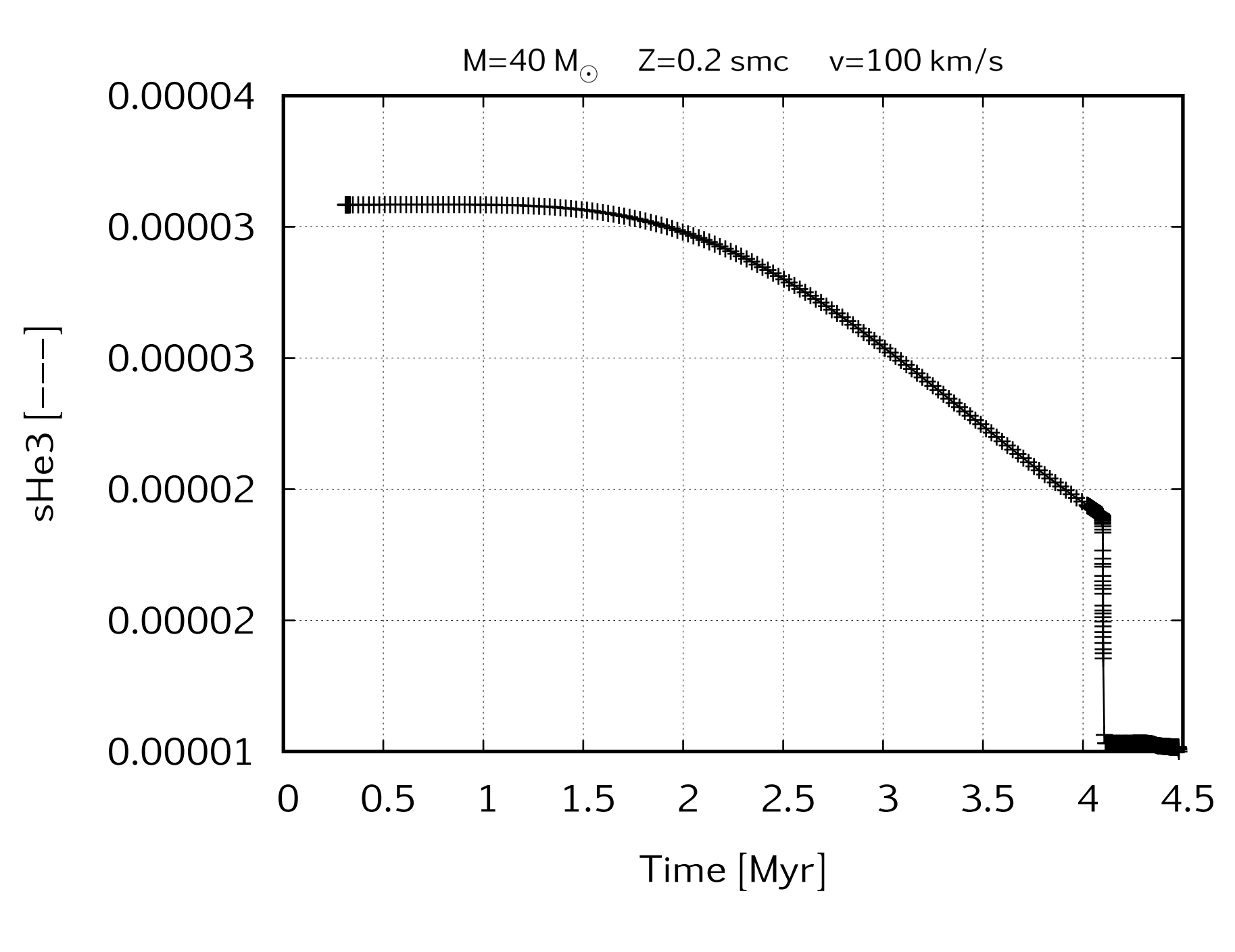

M=40 M⊙ Z=0.2 smc v=100 km/s
eps(Al) [---]
5.25
5.2
5.15
5.1
5.05
5
4.95
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

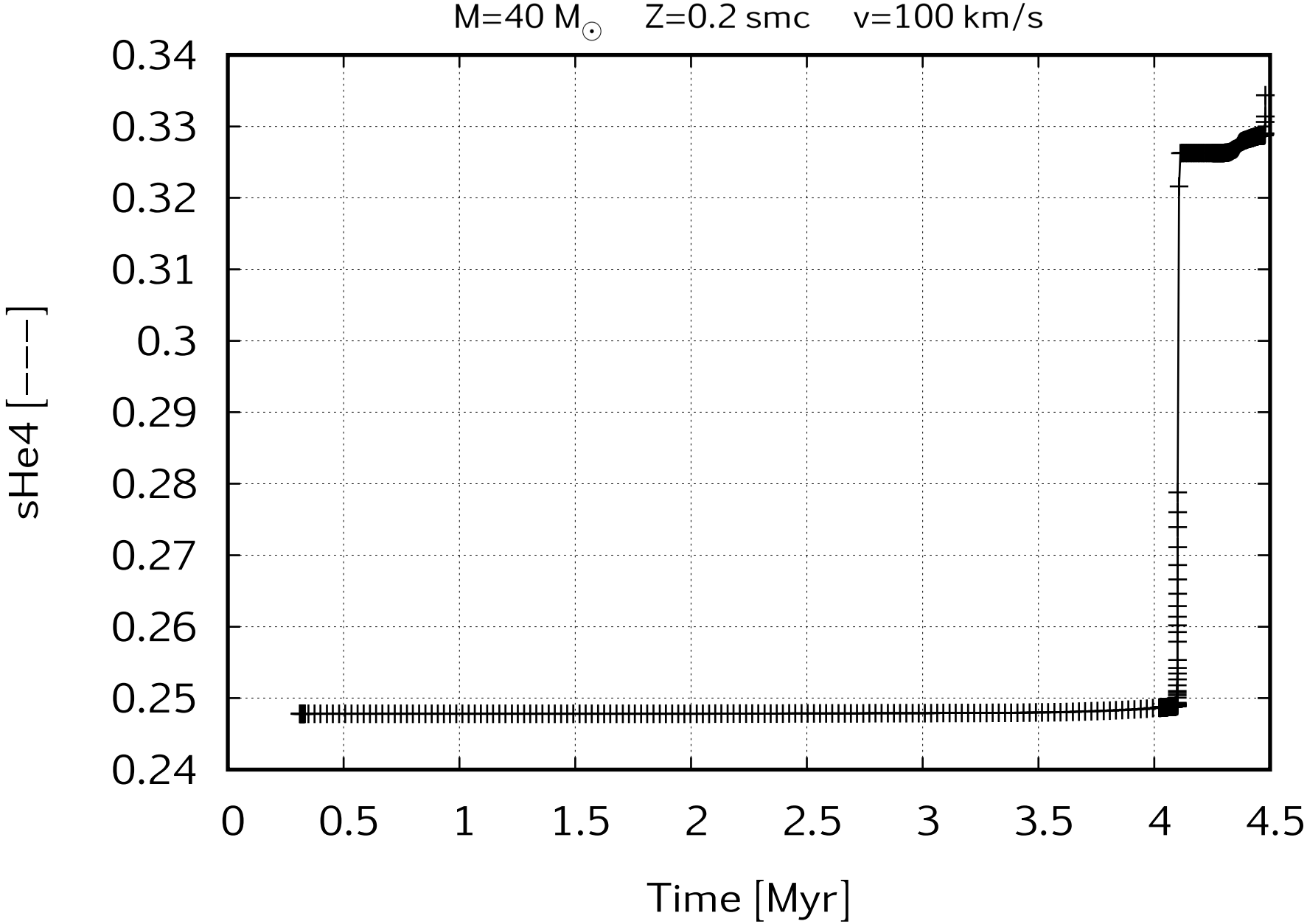

M=40 M⊙ Z=0.2 smc v=100 km/s
He−core−size [Msun]
20.75
20.7
20.65
20.6
20.55
20.5
20.45
20.4
20.35
20.3
20.25
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

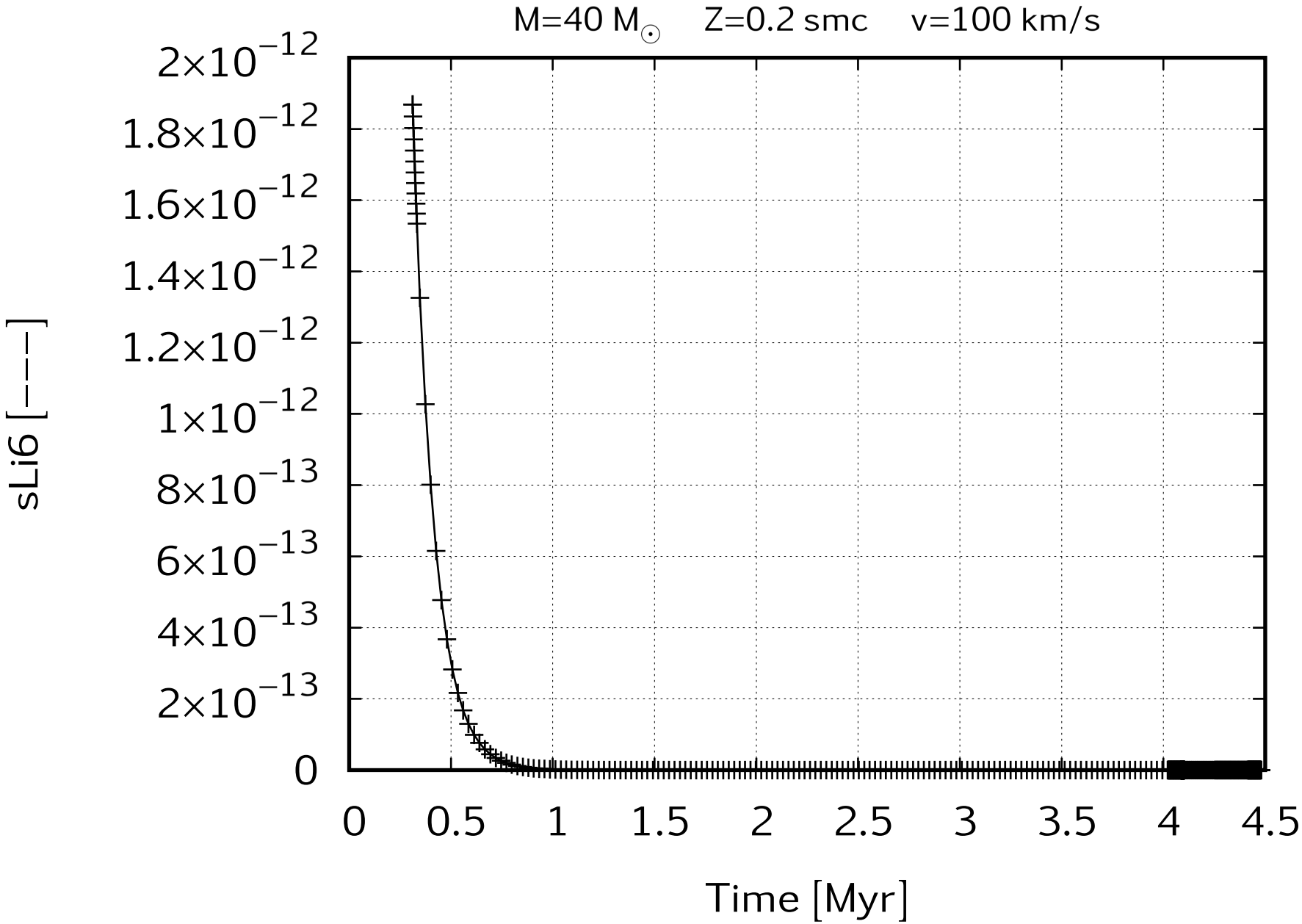

M=40 M⊙ Z=0.2 smc v=100 km/s
CO−core−size [Msun]
17.25
17.2
17.15
17.1
17.05
17
16.95
16.9
16.85
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

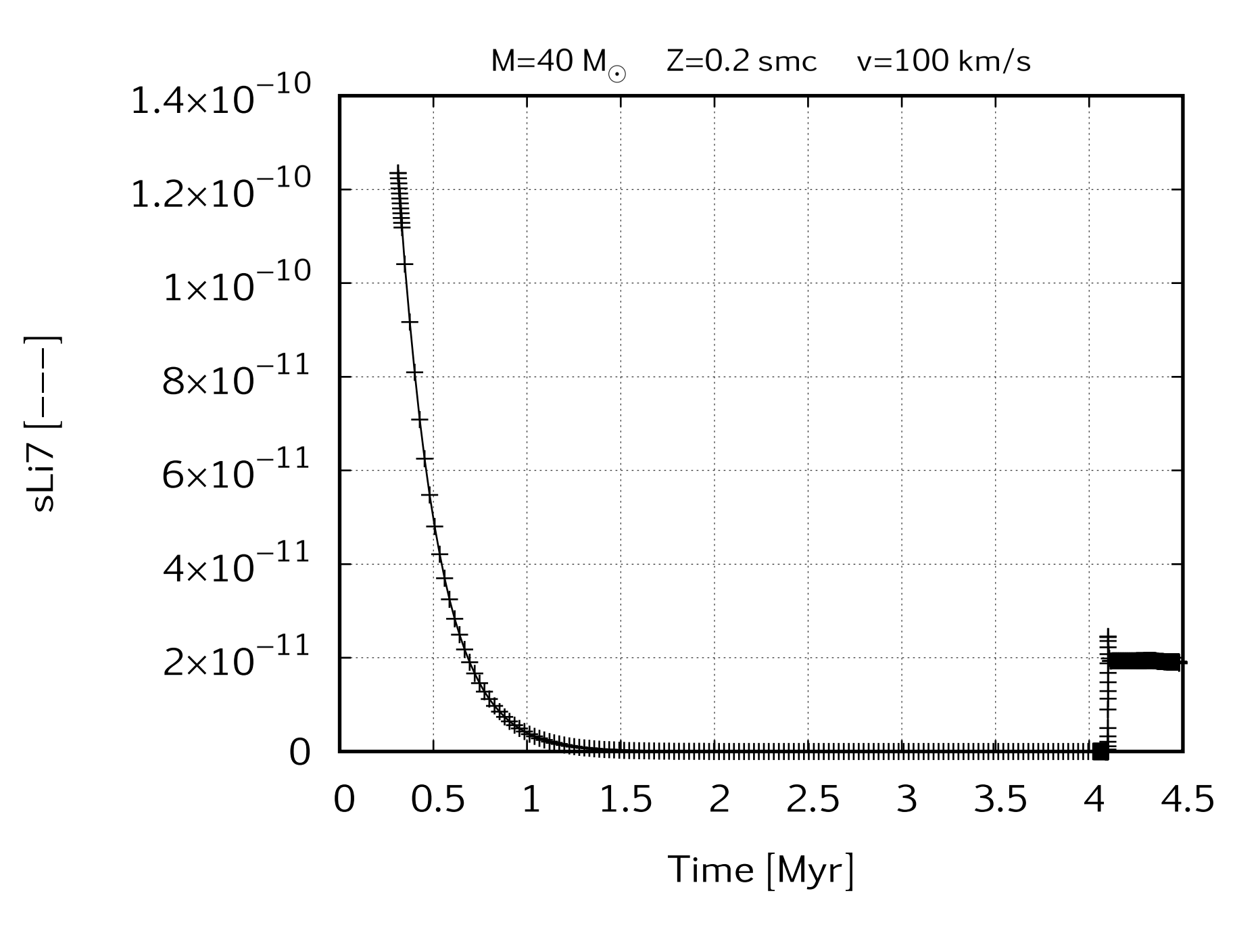

M=40 M⊙ Z=0.2 smc v=100 km/s
sH1 [---]
0.76
0.75
0.74
0.73
0.72
0.71
0.7
0.69
0.68
0.67
0.66
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

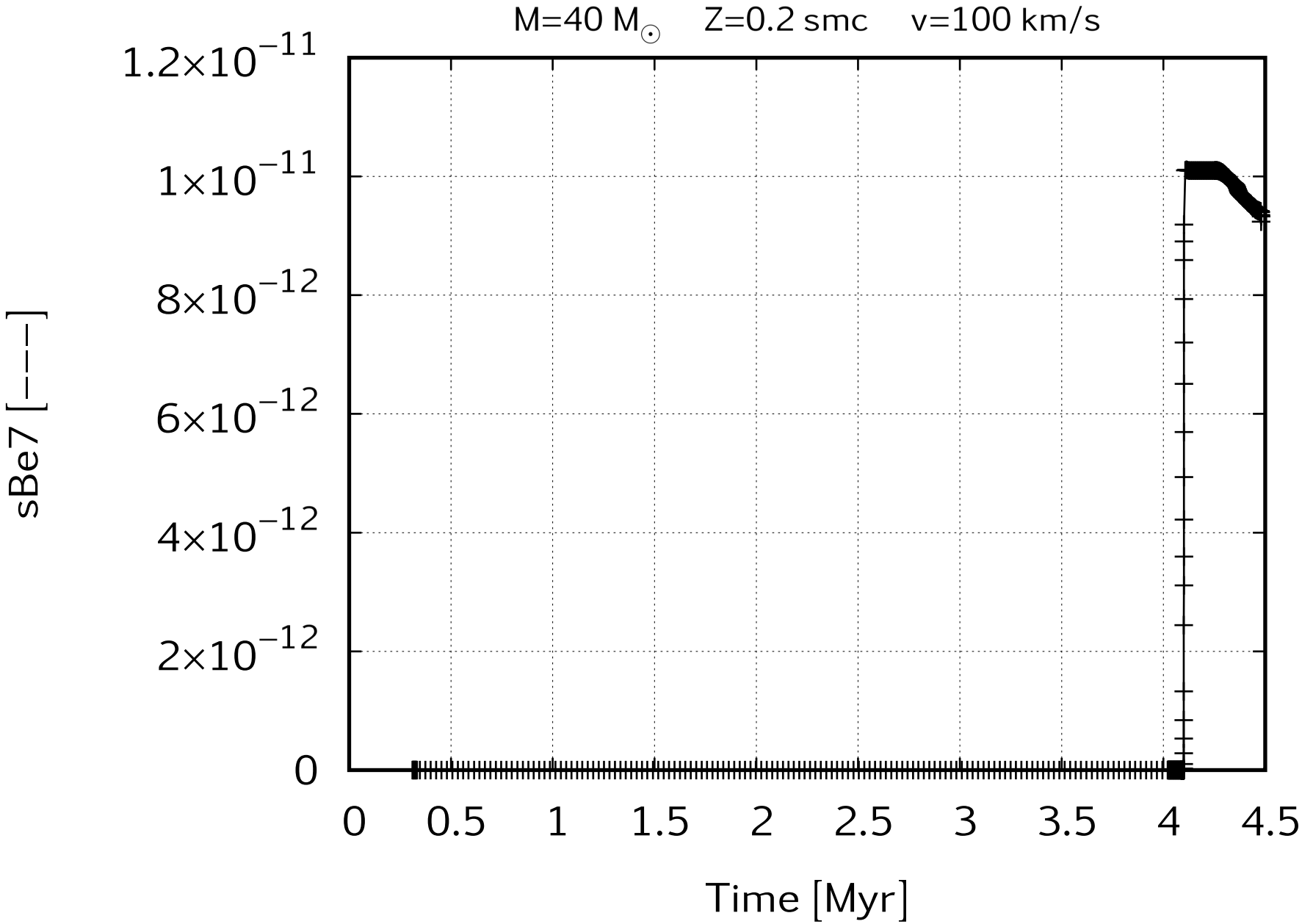

M=40 M⊙ Z=0.2 smc v=100 km/s
sH2 [---]
7.5×10−13
7×10−13
6.5×10−13
6×10−13
5.5×10−13
5×10−13
4.5×10−13
4×10−13
3.5×10−13
3×10−13
2.5×10−13
2×10−13
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

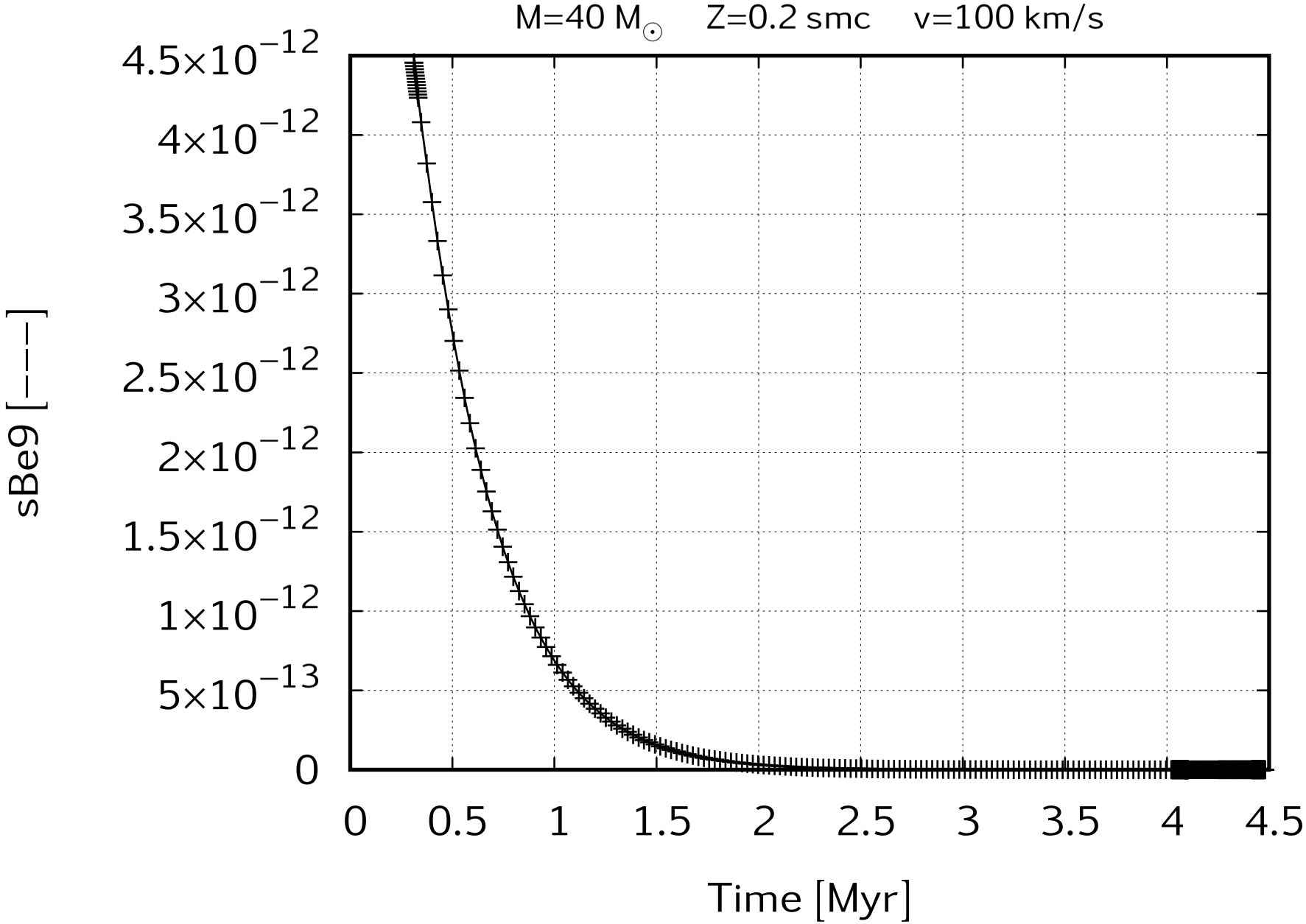

M=40 M⊙ Z=0.2 smc v=100 km/s
0.00004
0.00003
0.00003
0.00002
0.00002
0.00001
sHe3 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

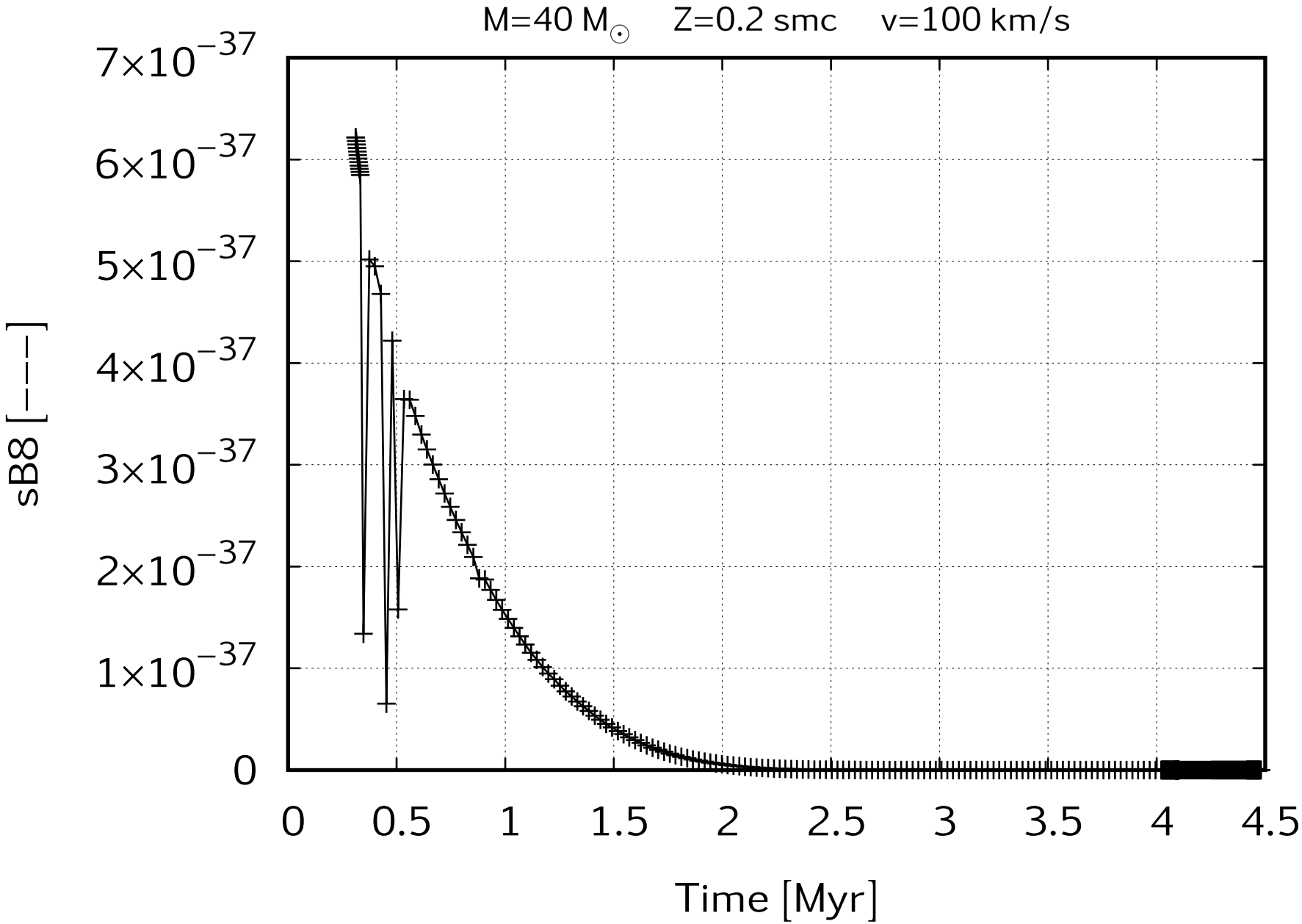

M=40 M⊙ Z=0.2 smc v=100 km/s
sHe4 [---]
0.34
0.33
0.32
0.31
0.3
0.29
0.28
0.27
0.26
0.25
0.24
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

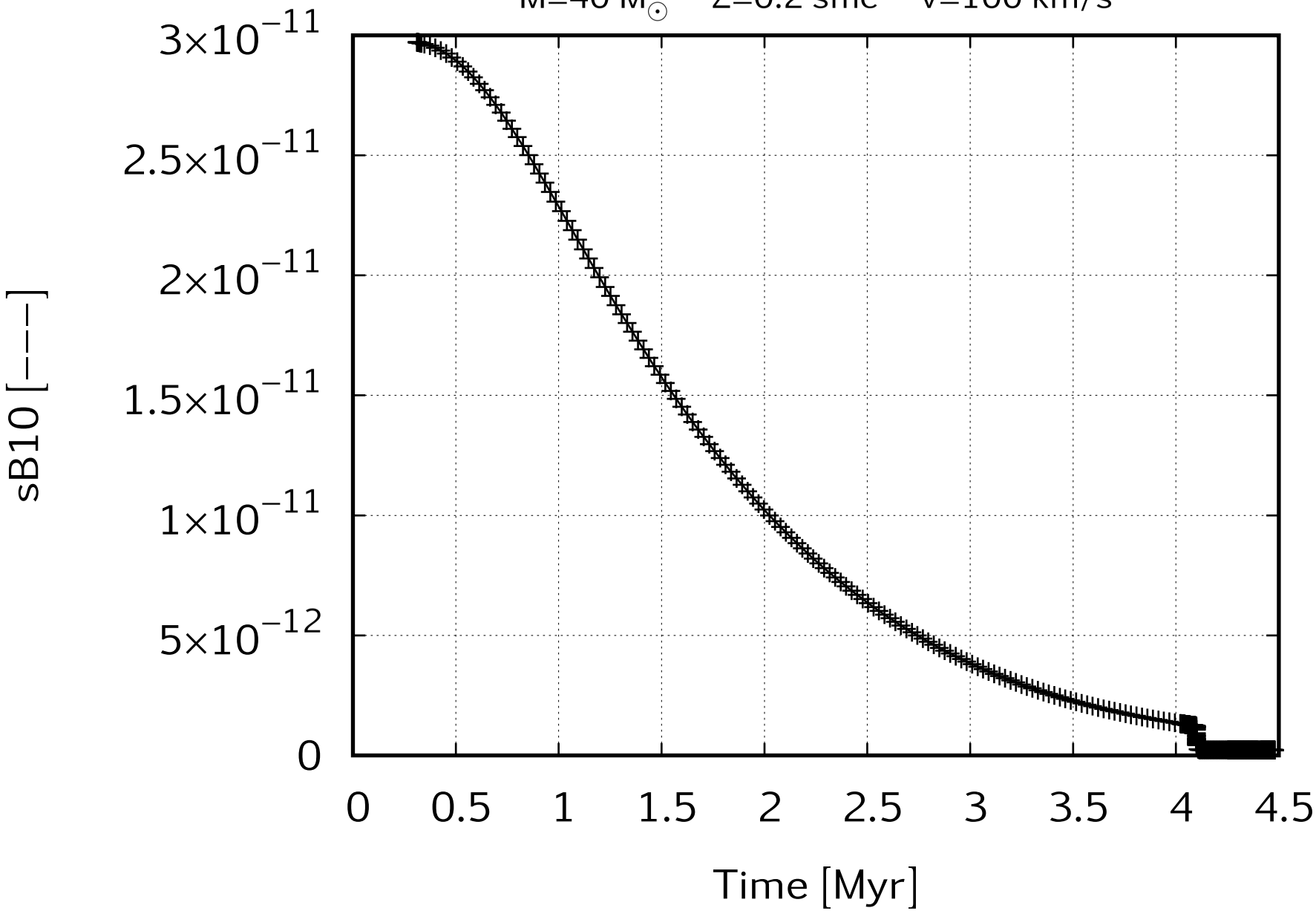

M=40 M⊙ Z=0.2 smc v=100 km/s
sLi6 [---]
2×10−12
1.8×10−12
1.6×10−12
1.4×10−12
1.2×10−12
1×10−12
8×10−13
6×10−13
4×10−13
2×10−13
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

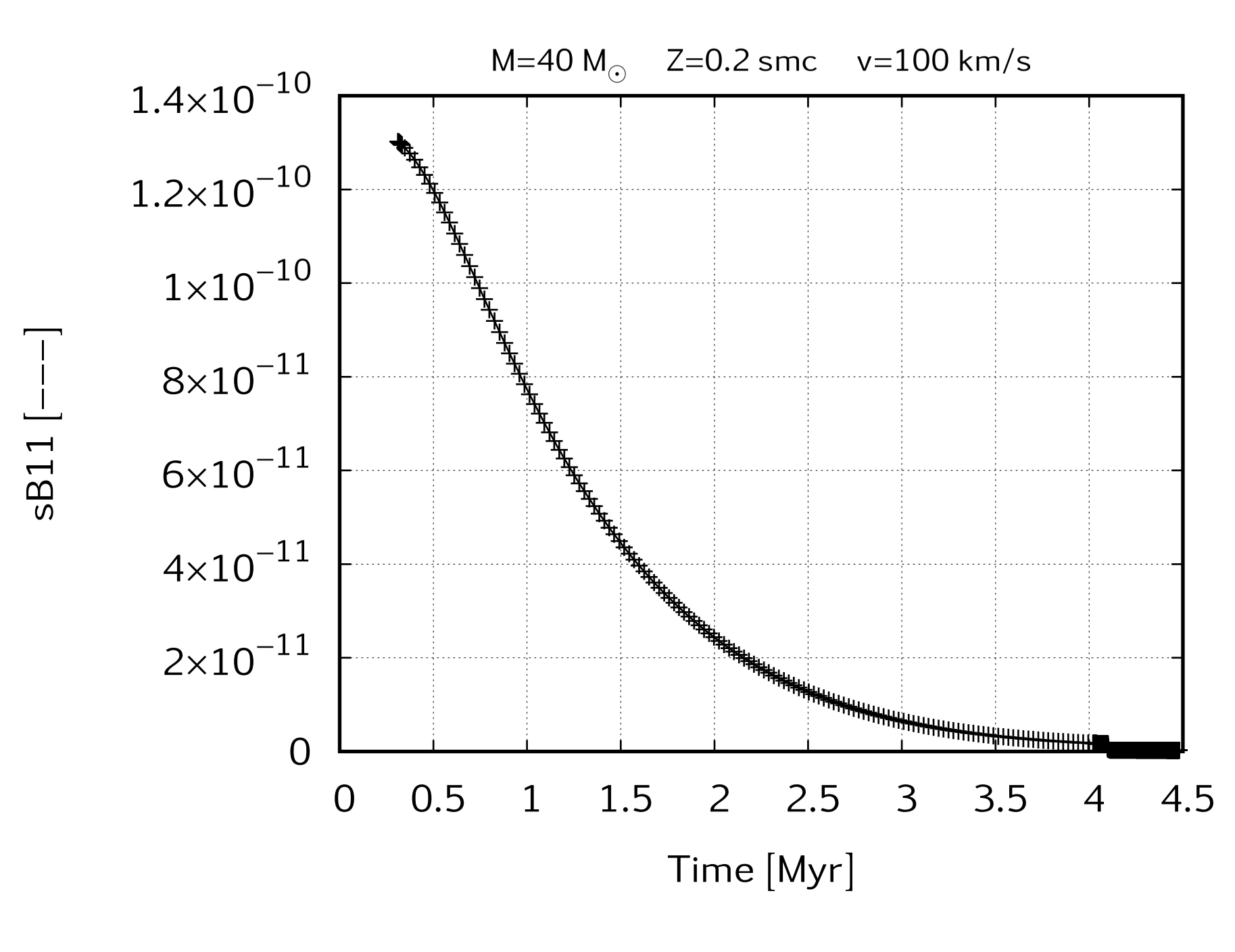

M=40 M⊙ Z=0.2 smc v=100 km/s
1.4×10−10
1.2×10−10
1×10−10
8×10−11
6×10−11
4×10−11
2×10−11
0
sLi7 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

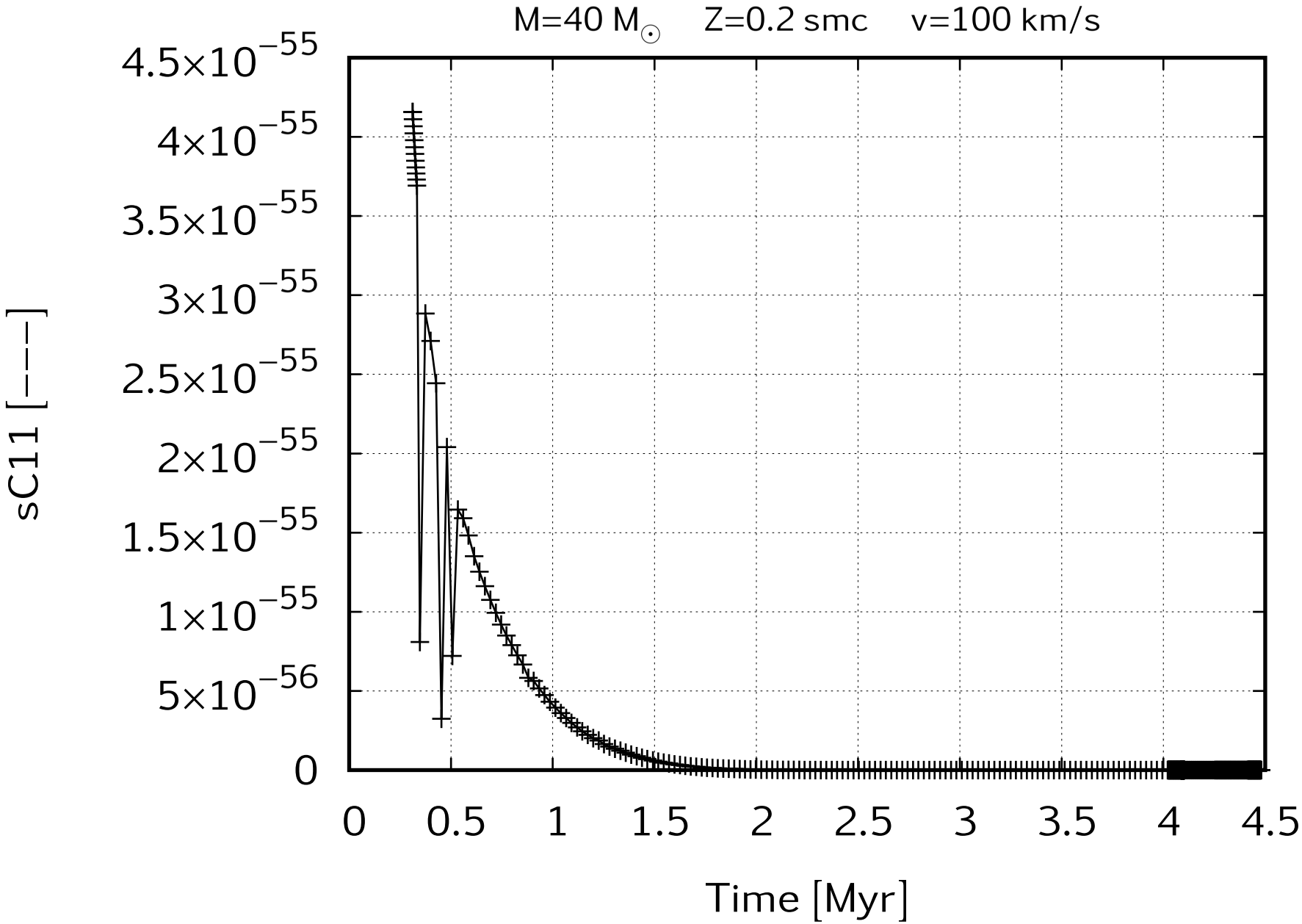

M=40 M⊙ Z=0.2 smc v=100 km/s
1.2×10−11
1×10−11
8×10−12
6×10−12
4×10−12
2×10−12
0
sBe7 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

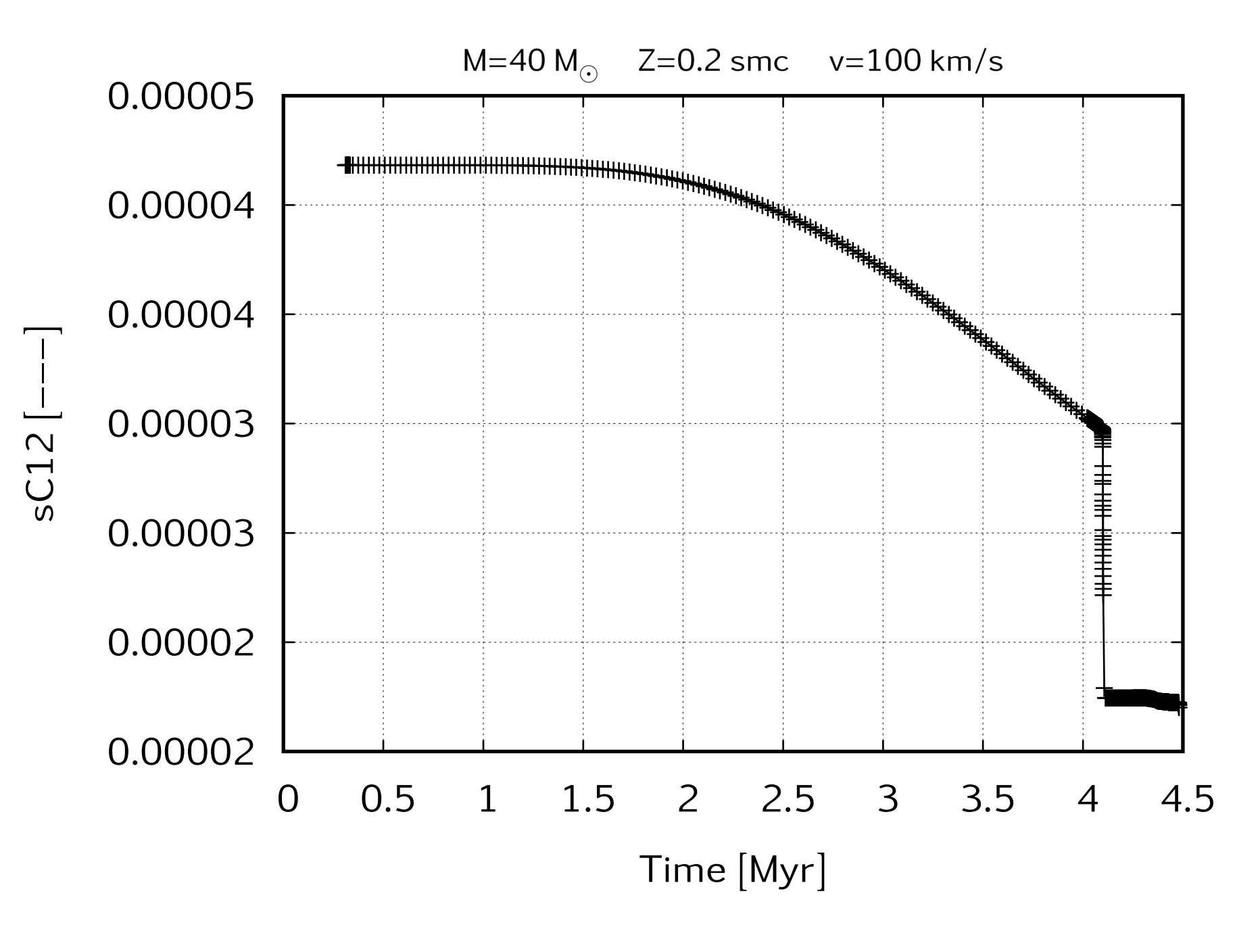

M=40 M⊙ Z=0.2 smc v=100 km/s
sBe9 [---]
4.5×10−12
4×10−12
3.5×10−12
3×10−12
2.5×10−12
2×10−12
1.5×10−12
1×10−12
5×10−13
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

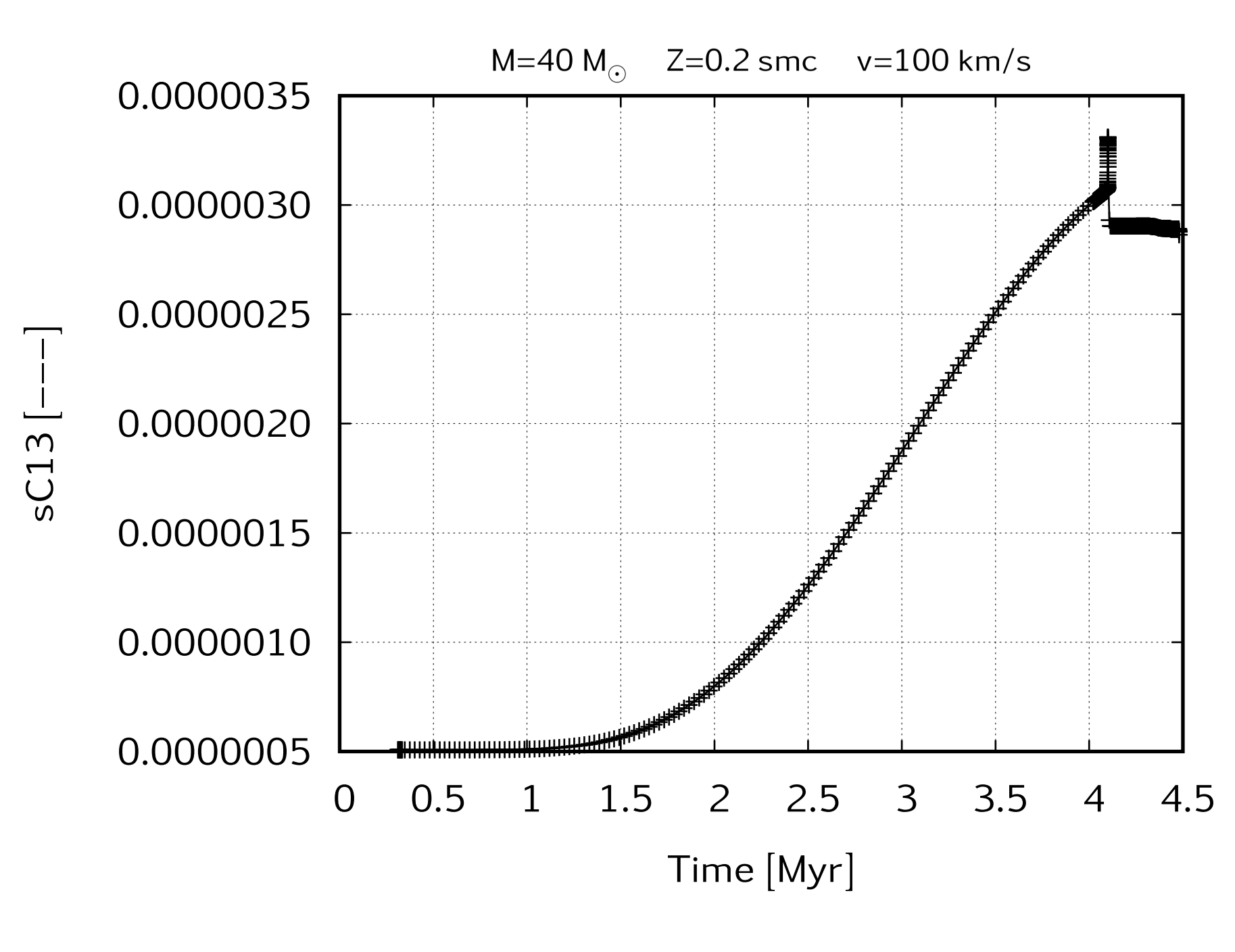

M=40 M⊙ Z=0.2 smc v=100 km/s
7×10−37
6×10−37
5×10−37
4×10−37
3×10−37
2×10−37
1×10−37
0
sB8 [—]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

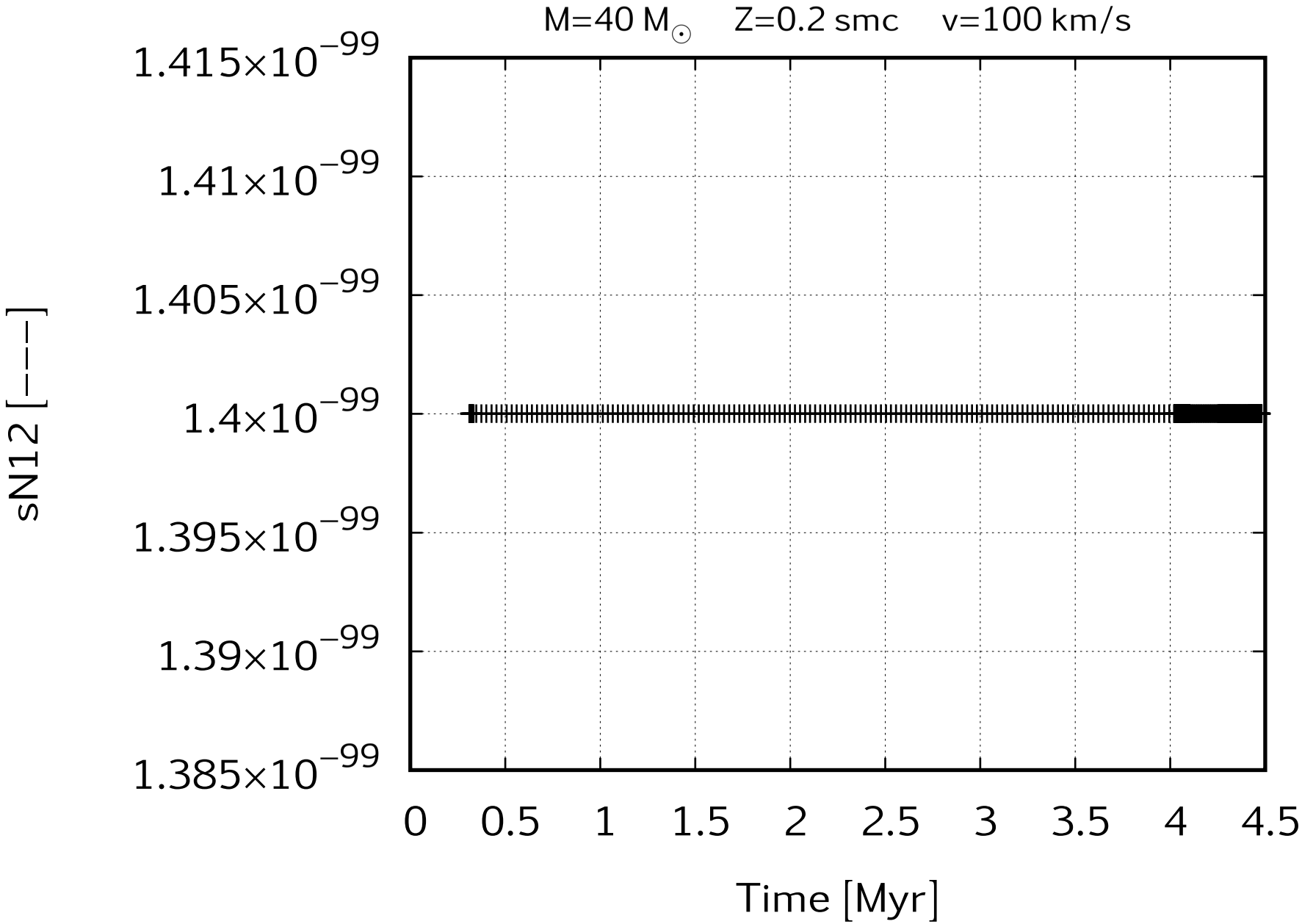

M=40 M⊙ Z=0.2 smc v=100 km/s
sB10 [---]
3×10−11
2.5×10−11
2×10−11
1.5×10−11
1×10−11
5×10−12
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

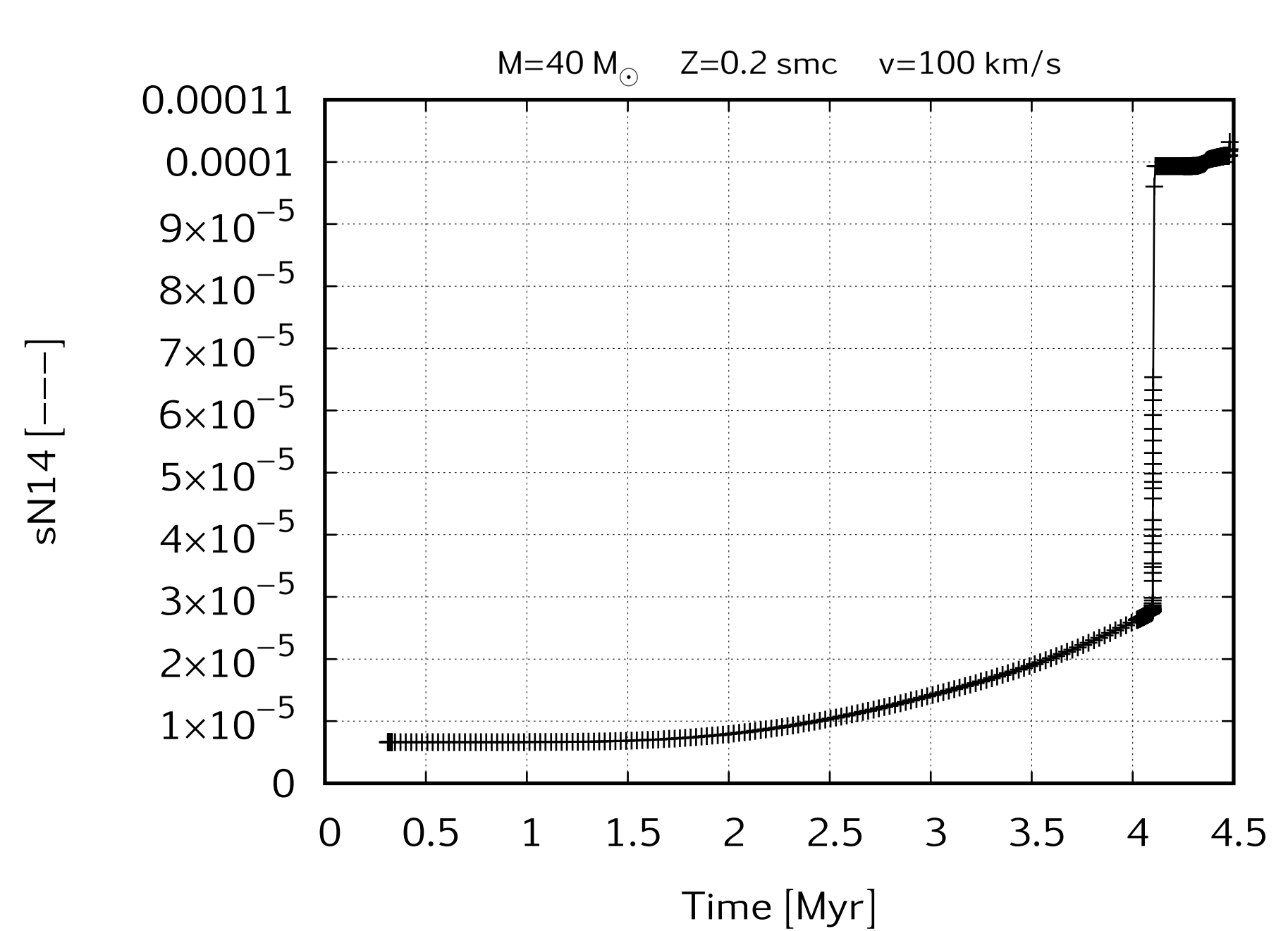

M=40 M⊙ Z=0.2 smc v=100 km/s
1.4×10−10
1.2×10−10
1×10−10
8×10−11
6×10−11
4×10−11
2×10−11
0
sB11 [−−−]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

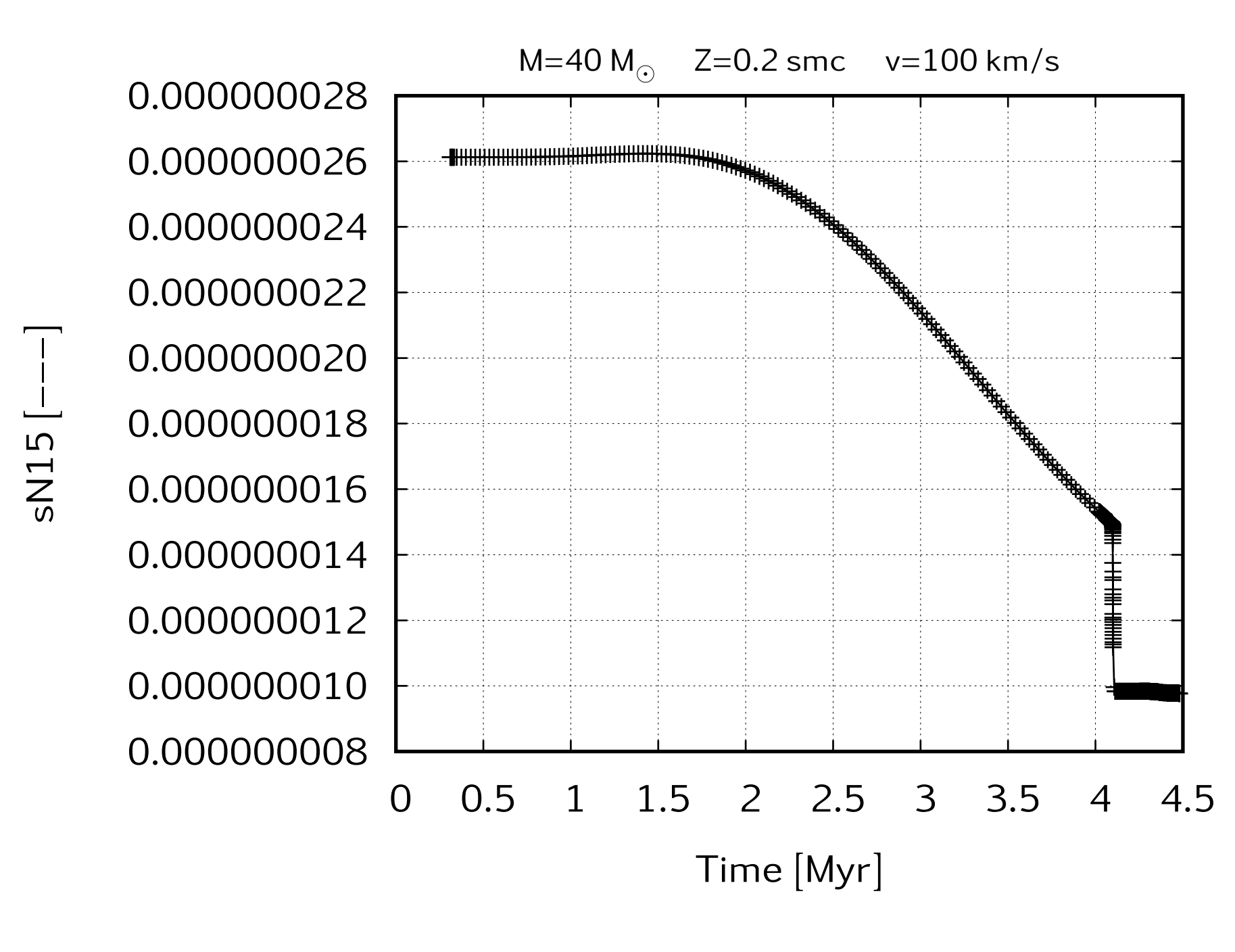

M=40 M⊙ Z=0.2 smc v=100 km/s
sC11 [---]
4.5×10−55
4×10−55
3.5×10−55
3×10−55
2.5×10−55
2×10−55
1.5×10−55
1×10−55
5×10−56
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

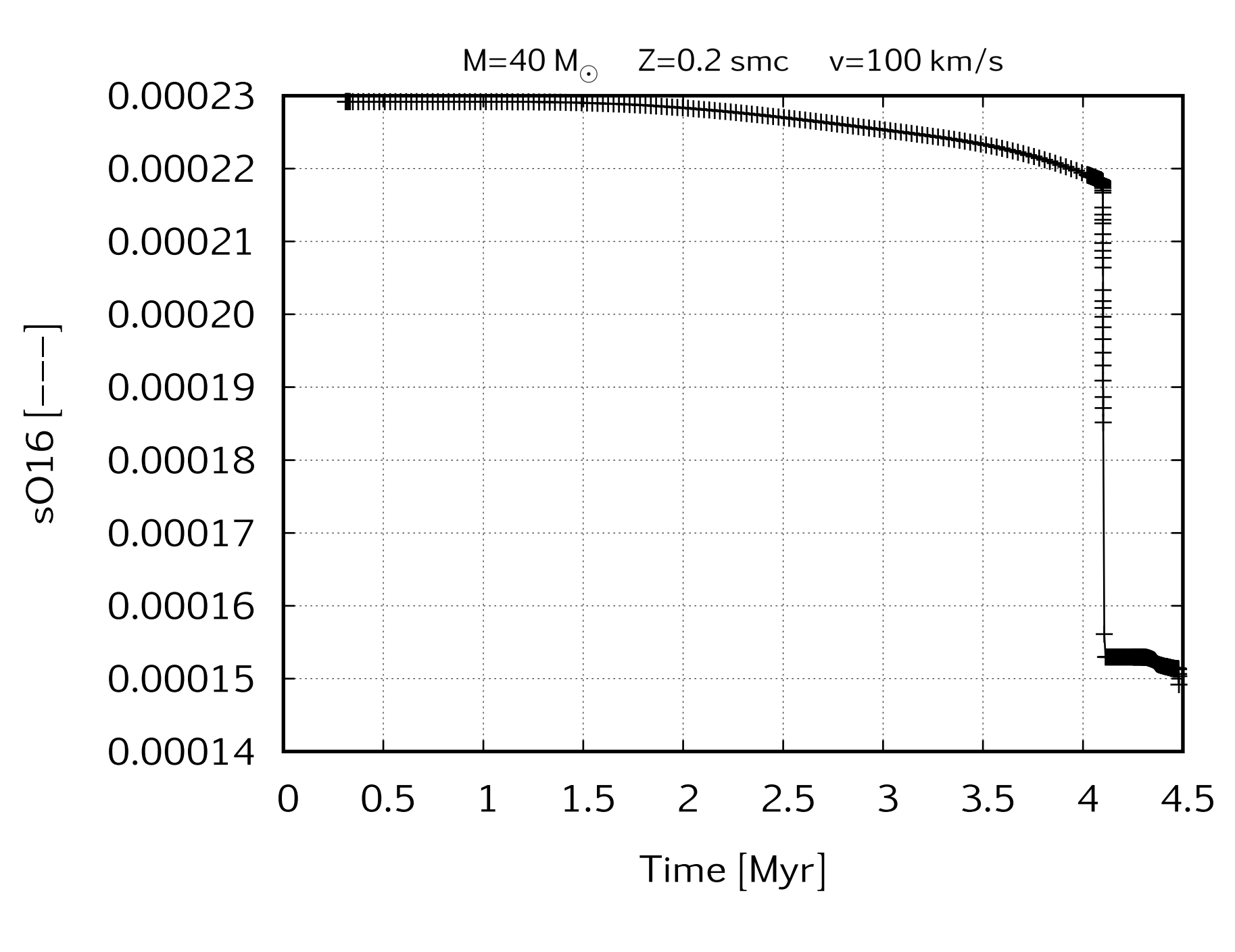

M=40 M⊙ Z=0.2 smc v=100 km/s
0.00005
0.00004
0.00004
0.00003
0.00003
0.00002
0.00002
sC12 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

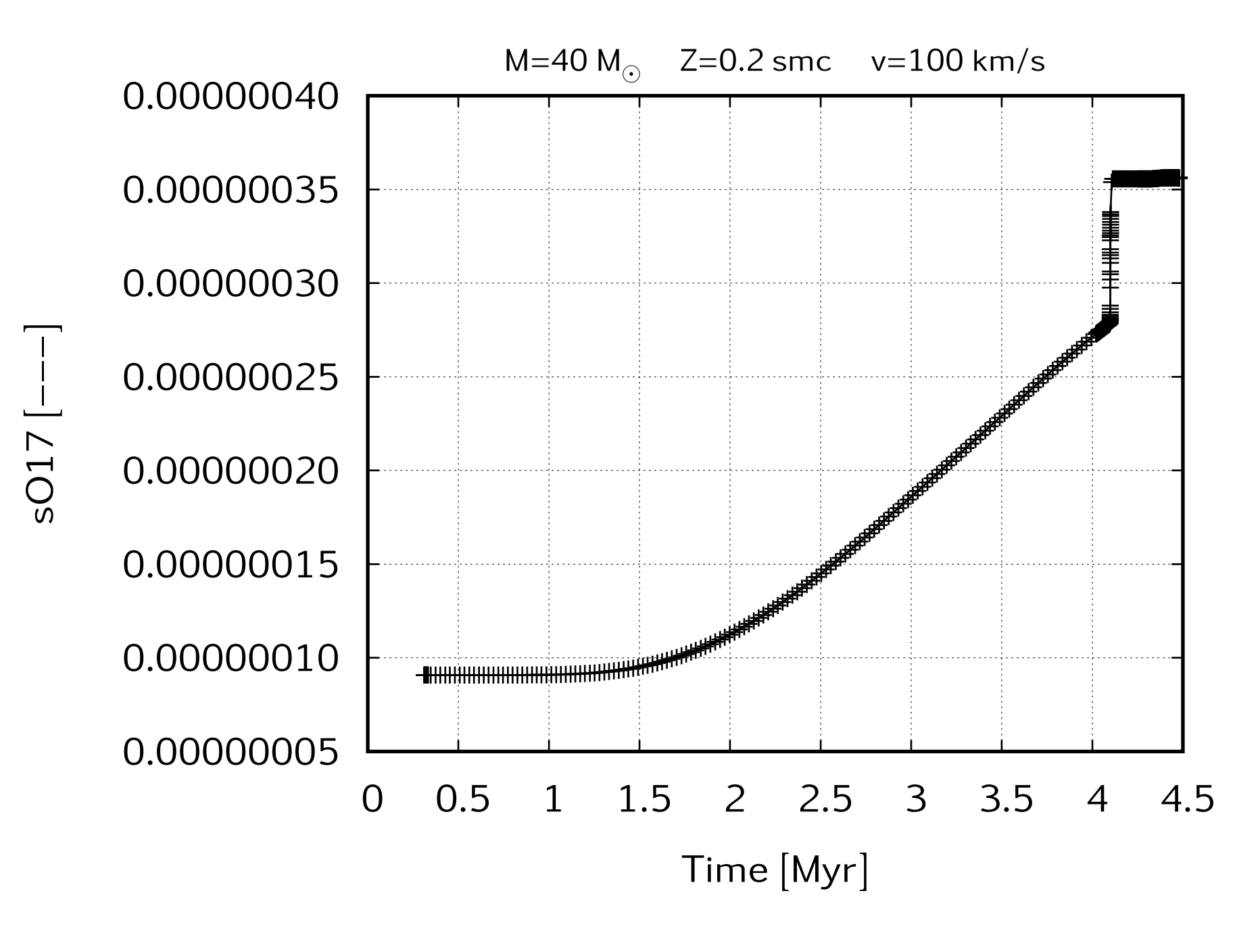

M=40 M⊙ Z=0.2 smc v=100 km/s
0.0000035
0.0000030
0.0000025
0.0000020
0.0000015
0.0000010
0.0000005
sC13 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

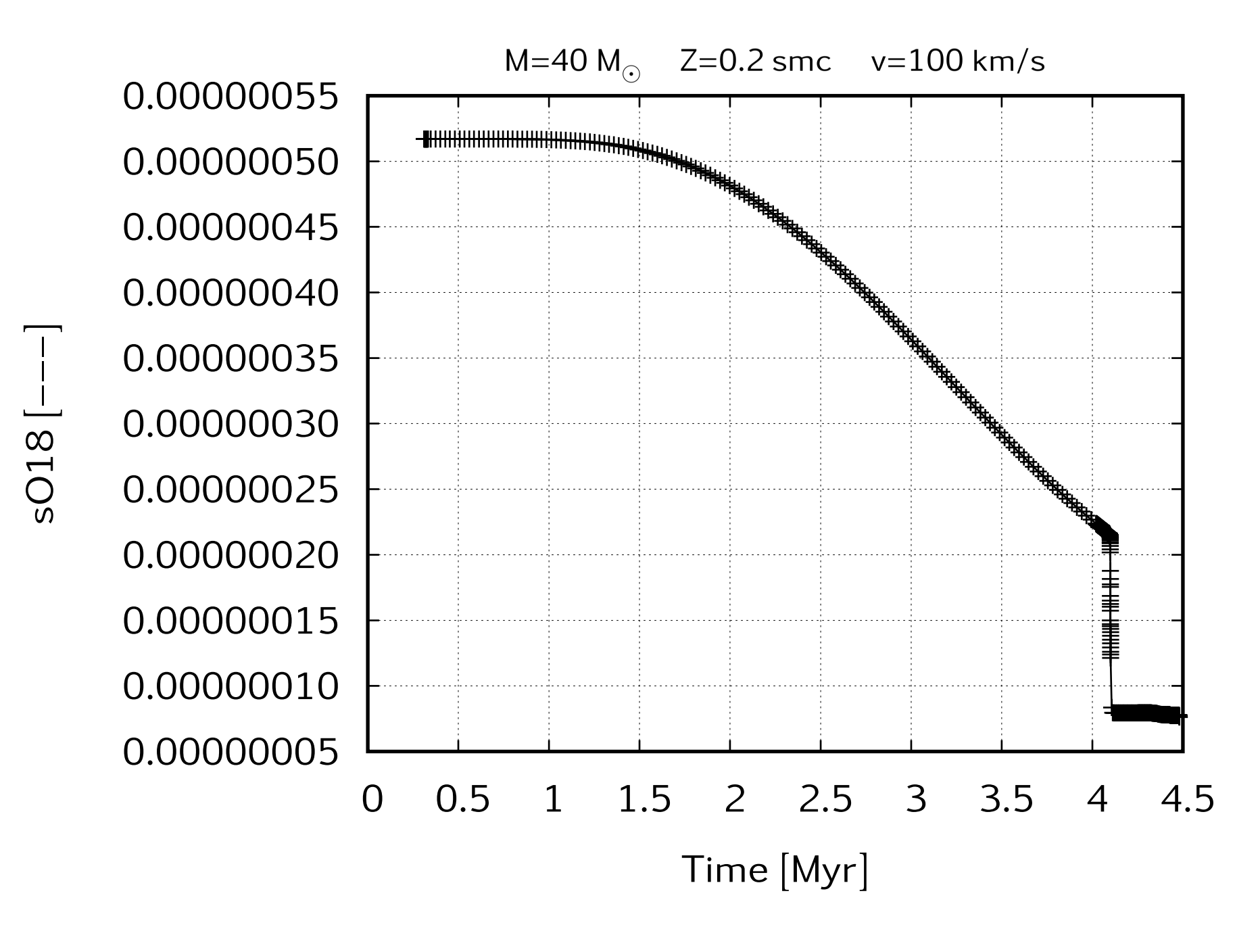

M=40 M⊙ Z=0.2 smc v=100 km/s
1.415×10−99
1.41×10−99
1.405×10−99
1.4×10−99
1.395×10−99
1.39×10−99
1.385×10−99
sN12 [———]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

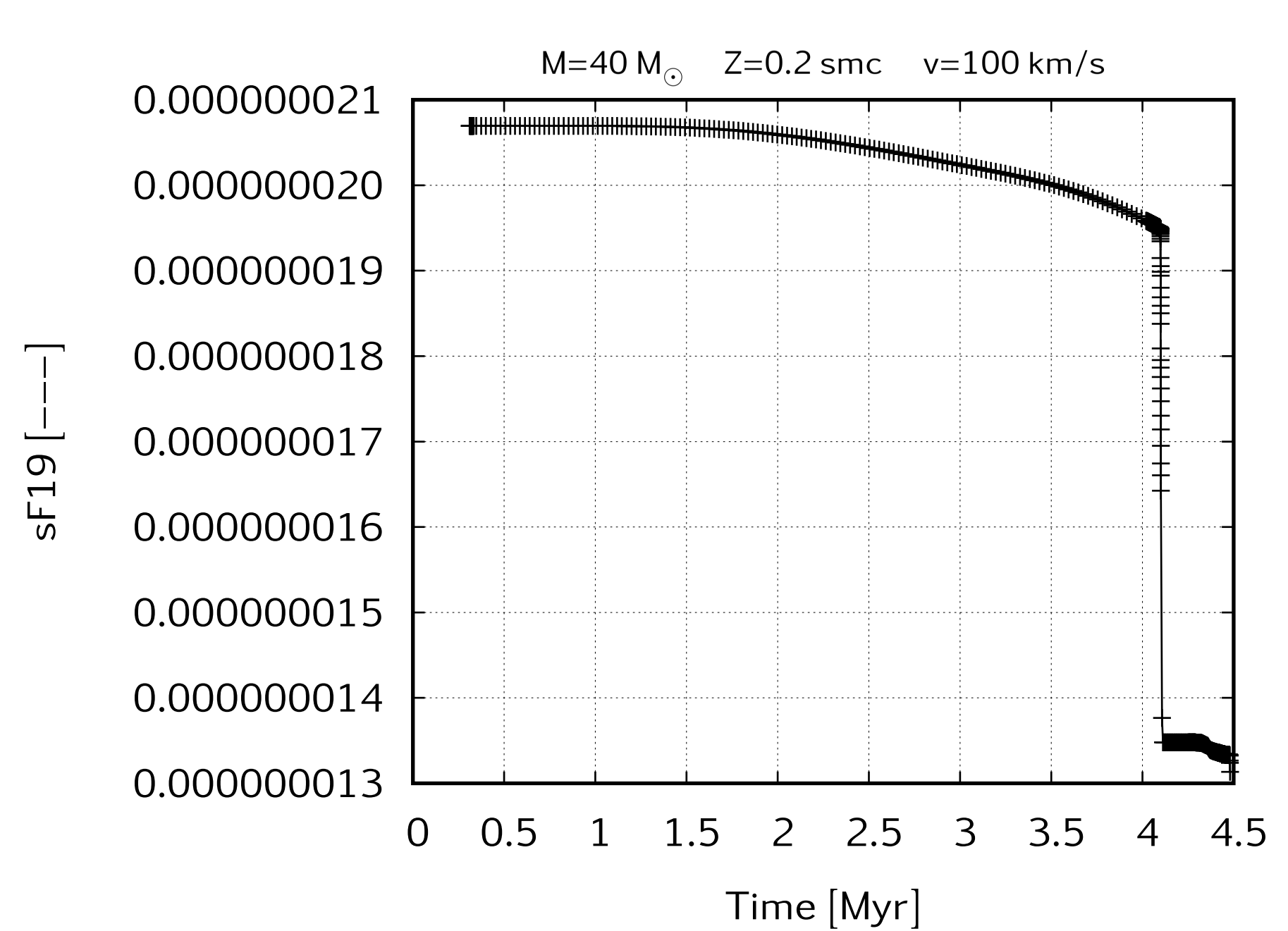

M=40 M⊙ Z=0.2 smc v=100 km/s
sN14 [---]
0.00011
0.0001
9×10−5
8×10−5
7×10−5
6×10−5
5×10−5
4×10−5
3×10−5
2×10−5
1×10−5
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

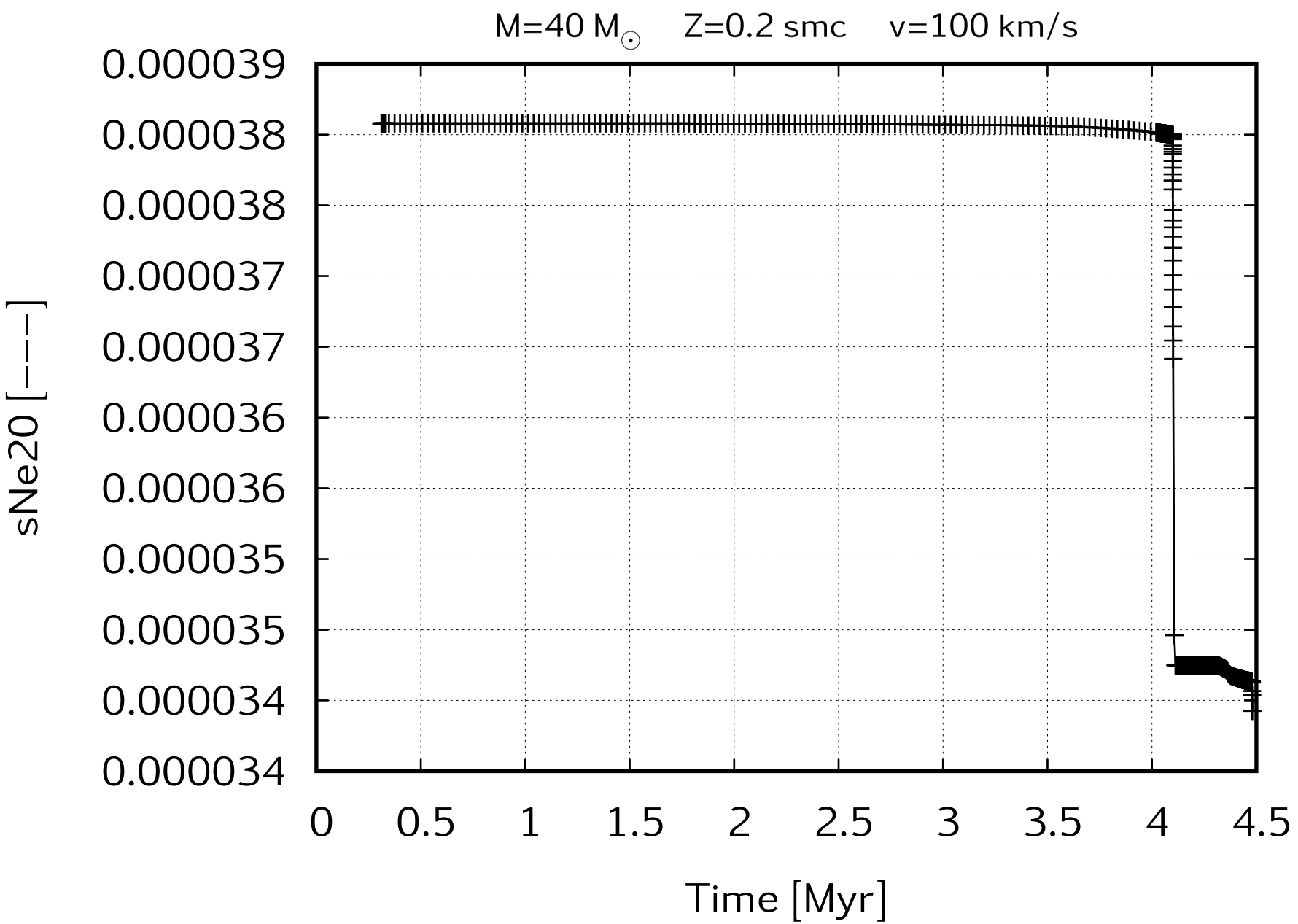

M=40 M⊙ Z=0.2 smc v=100 km/s
0.000000028
0.000000026
0.000000024
0.000000022
0.000000020
0.000000018
0.000000016
0.000000014
0.000000012
0.000000010
0.000000008
sN15 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

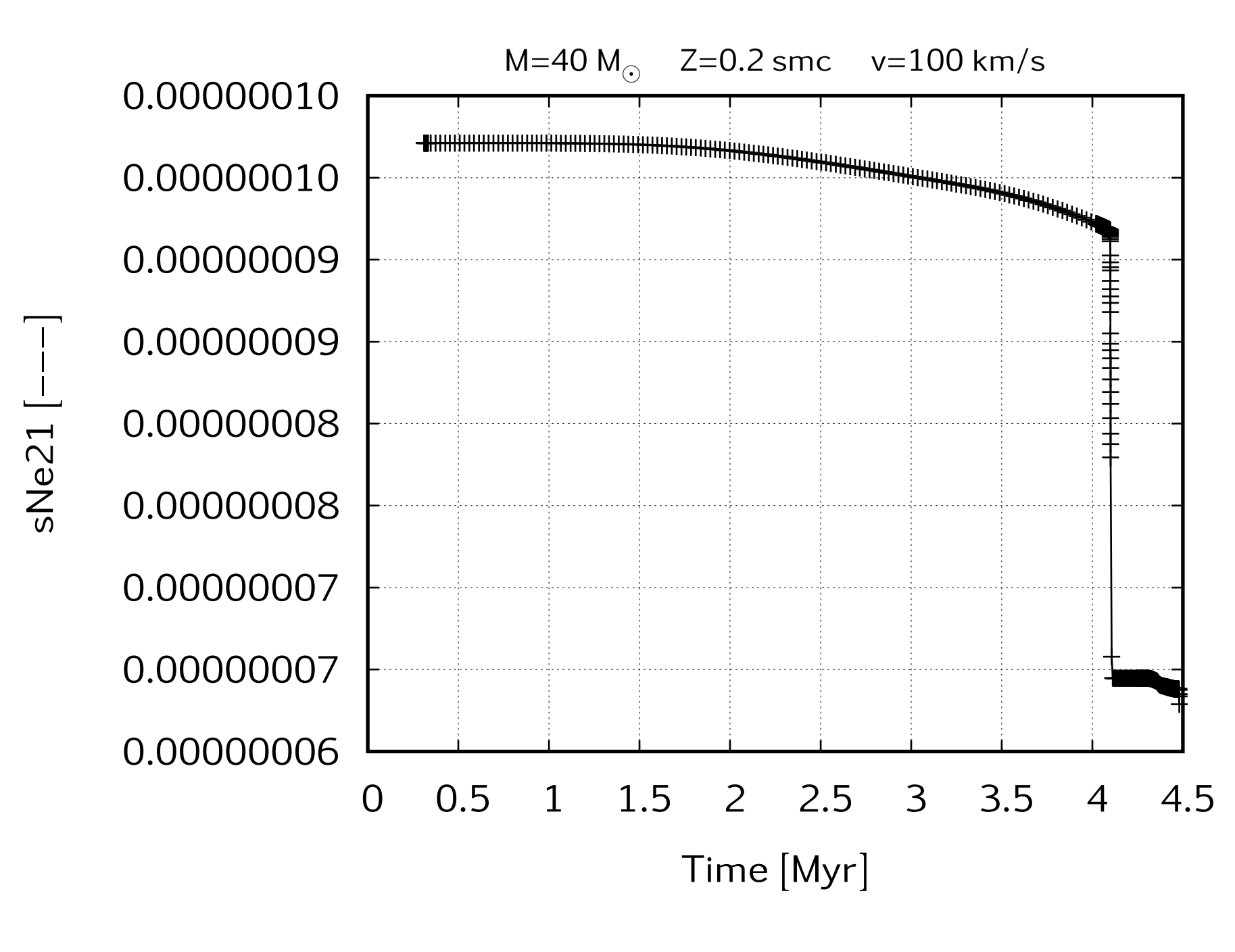

M=40 M⊙ Z=0.2 smc v=100 km/s
0.00023
0.00022
0.00021
0.00020
0.00019
0.00018
0.00017
0.00016
0.00015
0.00014
sO16 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

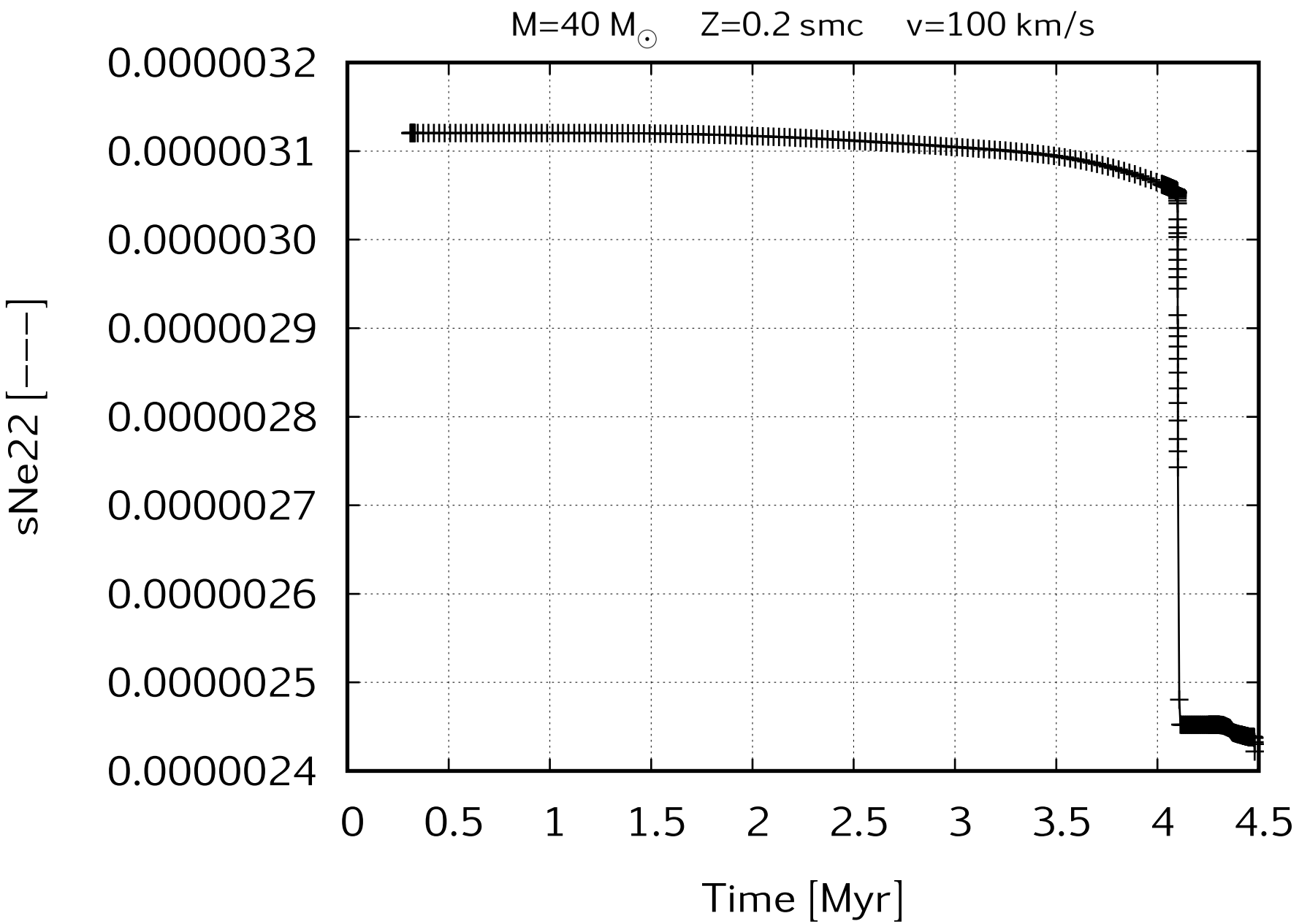

M=40 M⊙ Z=0.2 smc v=100 km/s
0.00000040
0.00000035
0.00000030
0.00000025
0.00000020
0.00000015
0.00000010
0.00000005
sO17 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

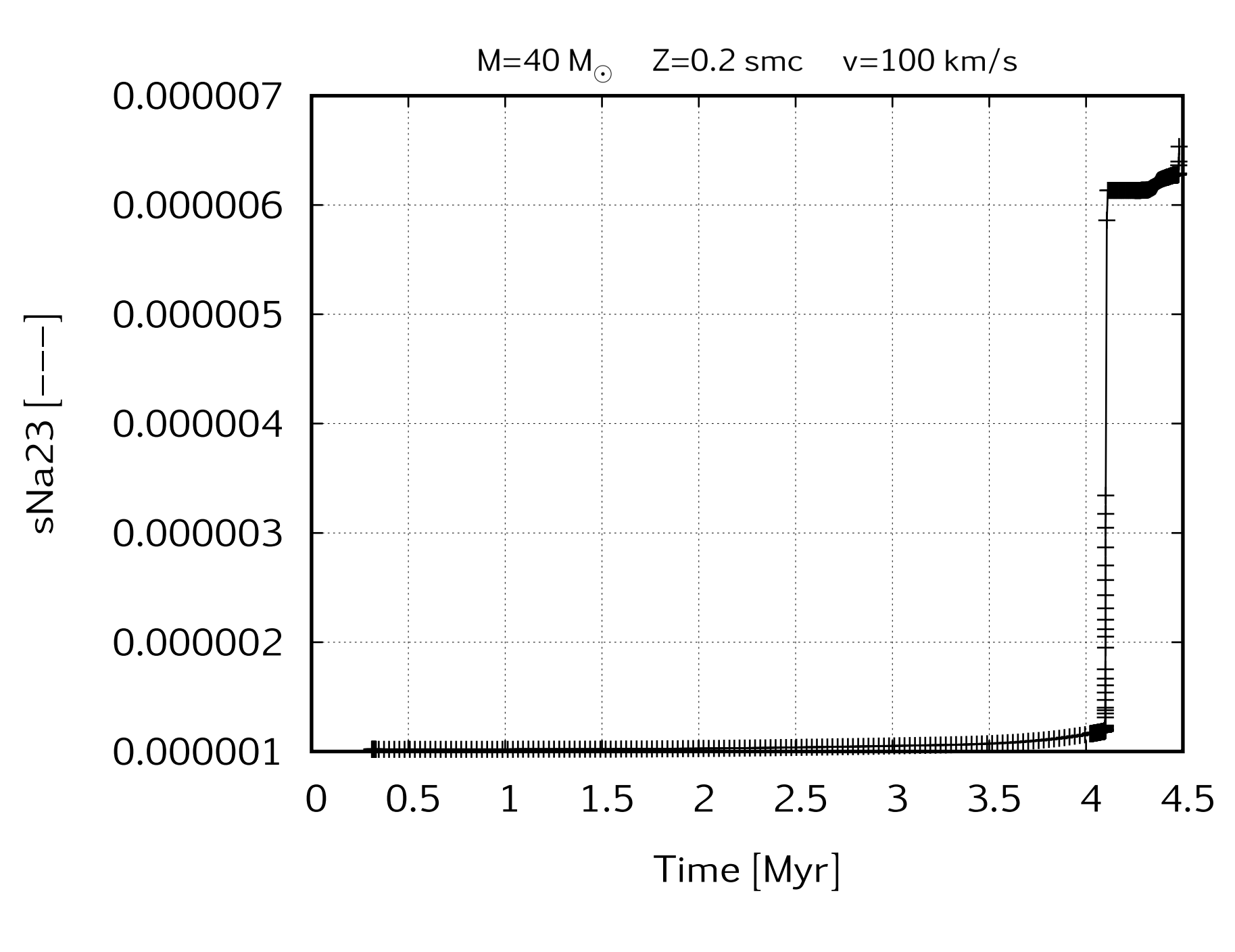

M=40 M⊙ Z=0.2 smc v=100 km/s
0.00000055
0.00000050
0.00000045
0.00000040
0.00000035
0.00000030
0.00000025
0.00000020
0.00000015
0.00000010
0.00000005
sO18 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

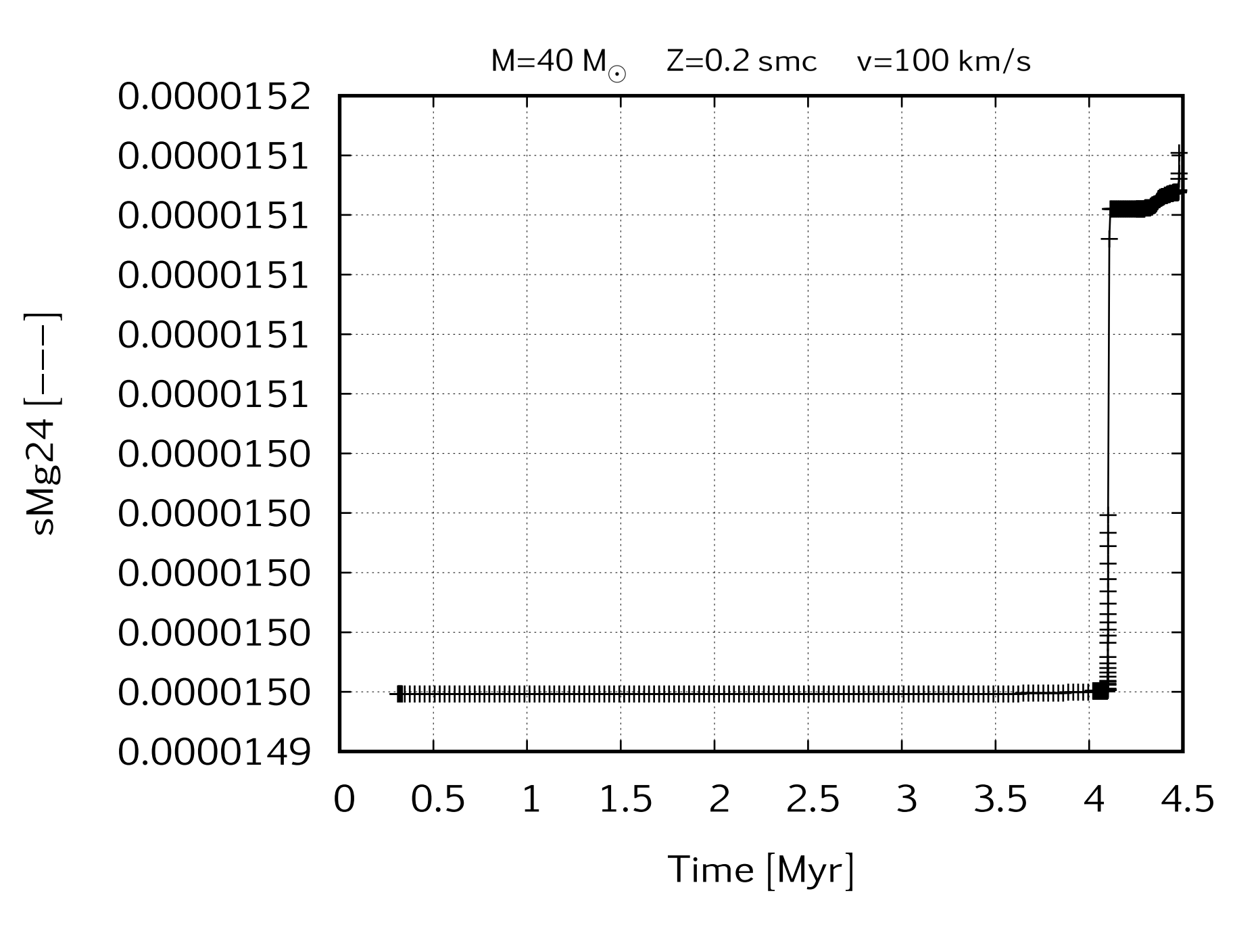

M=40 M⊙ Z=0.2 smc v=100 km/s
0.000000021
0.000000020
0.000000019
0.000000018
0.000000017
0.000000016
0.000000015
0.000000014
0.000000013
sF19 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

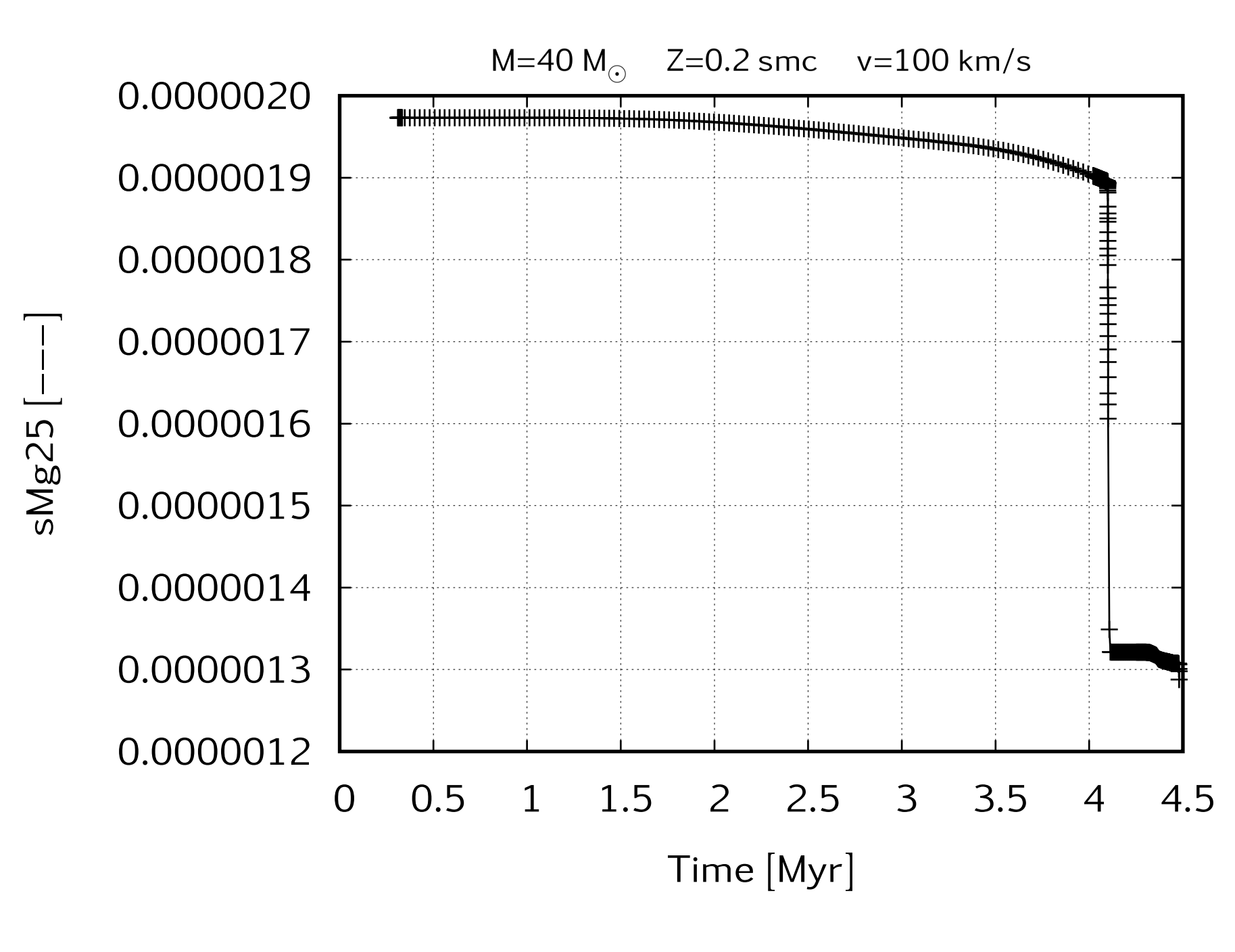

M=40 M⊙ Z=0.2 smc v=100 km/s
sNe20 [---]
0.000039
0.000038
0.000038
0.000037
0.000037
0.000036
0.000036
0.000035
0.000035
0.000034
0.000034
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

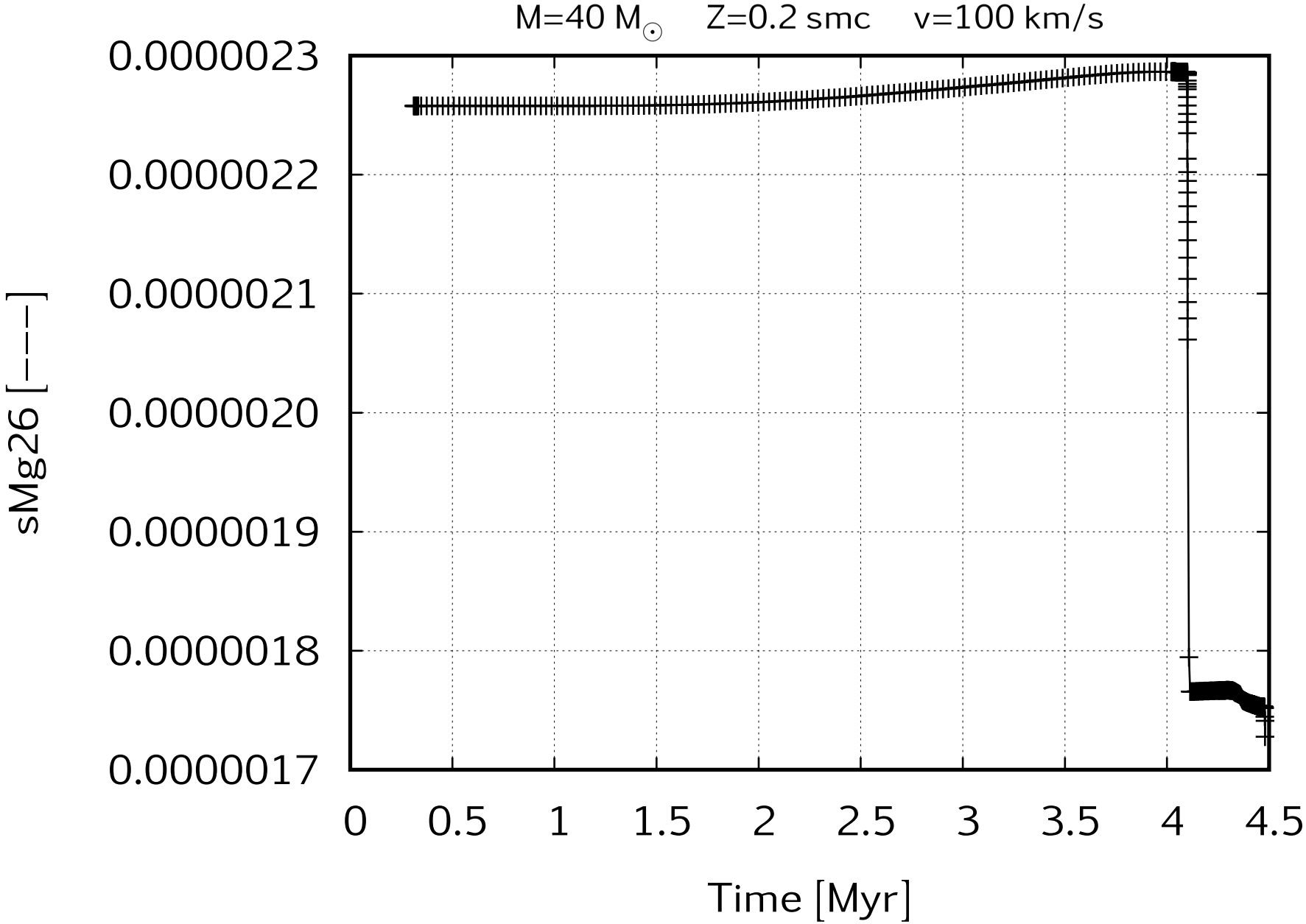

M=40 M⊙ Z=0.2 smc v=100 km/s
0.00000010
0.00000010
0.00000009
0.00000009
0.00000008
0.00000008
0.00000007
0.00000007
0.00000006
sNe21 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

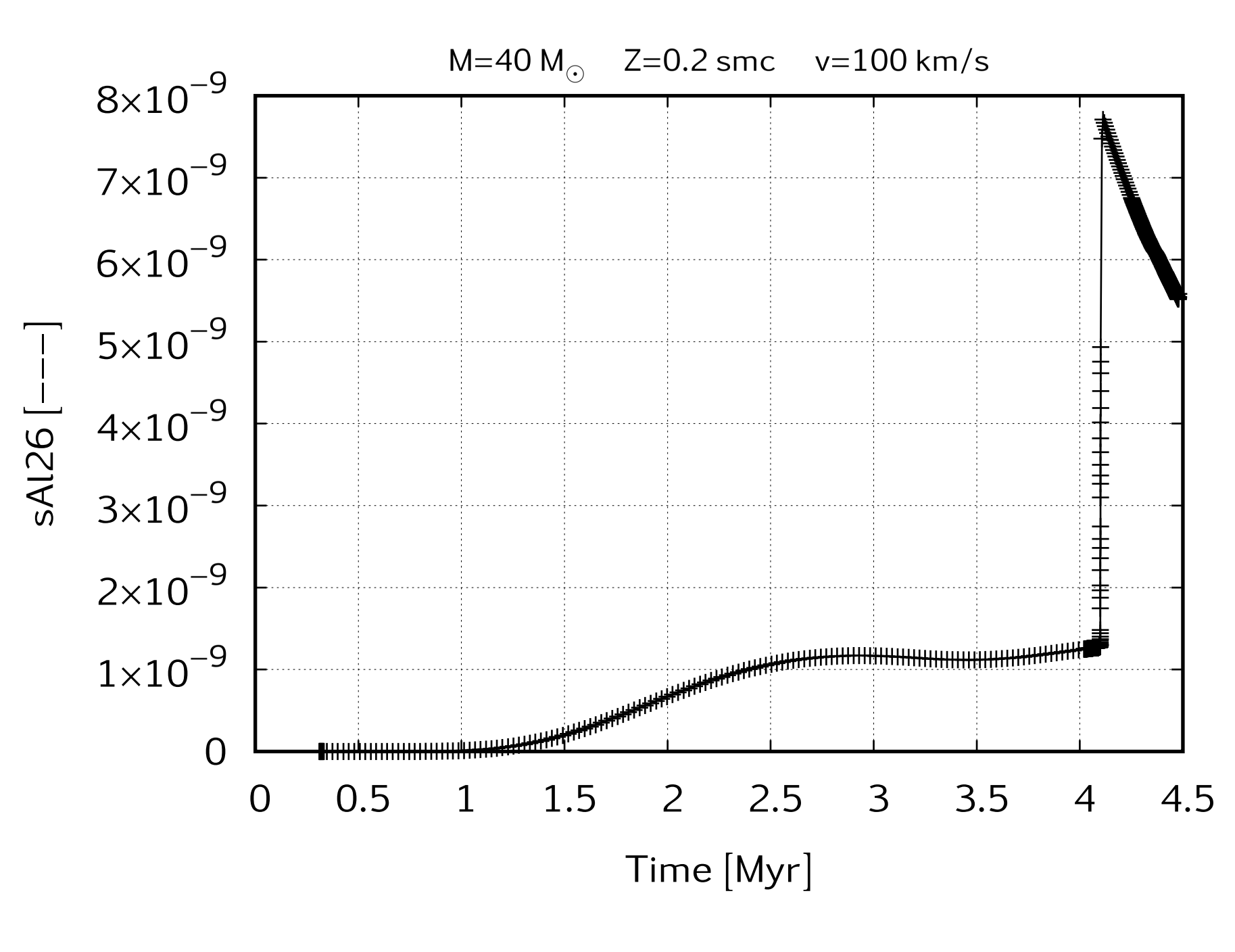

M=40 M⊙ Z=0.2 smc v=100 km/s
sNe22 [---]
0.0000032
0.0000031
0.0000030
0.0000029
0.0000028
0.0000027
0.0000026
0.0000025
0.0000024
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

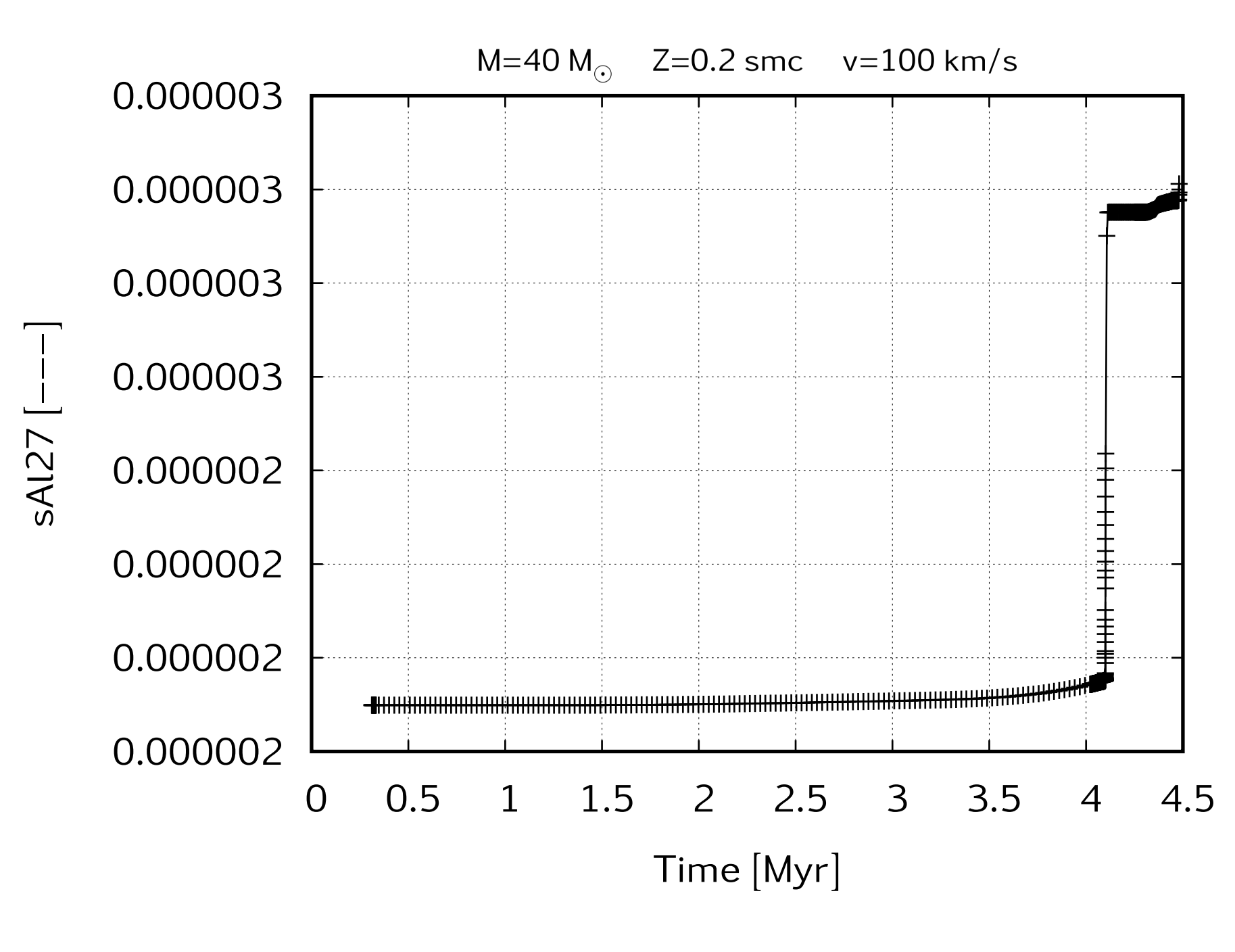

M=40 M⊙ Z=0.2 smc v=100 km/s
0.000007
0.000006
0.000005
0.000004
0.000003
0.000002
0.000001
sNa23 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

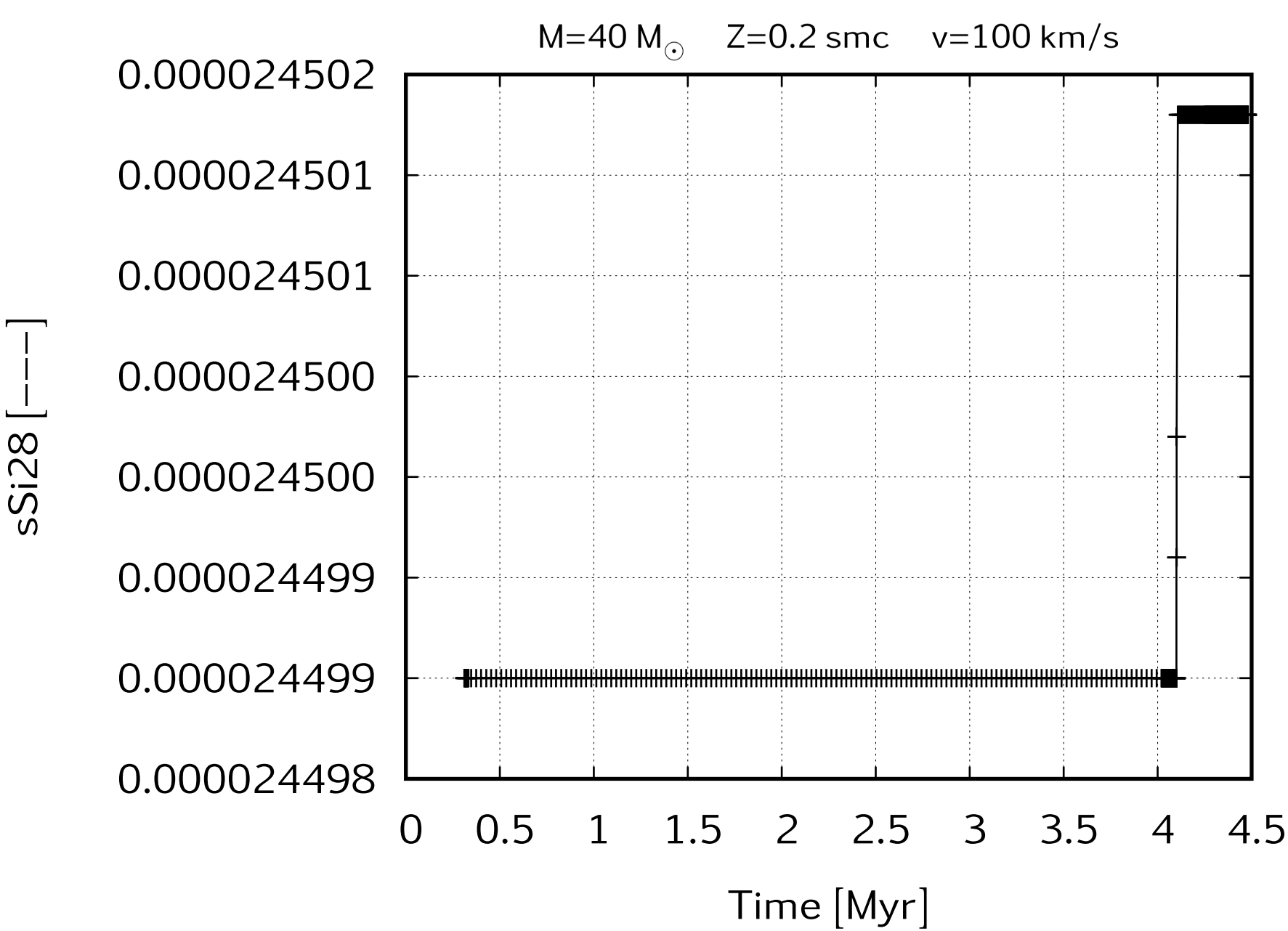

M=40 M⊙ Z=0.2 smc v=100 km/s
0.0000152
0.0000151
0.0000151
0.0000151
0.0000151
0.0000151
0.0000150
0.0000150
0.0000150
0.0000150
0.0000150
0.0000149
sMg24 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

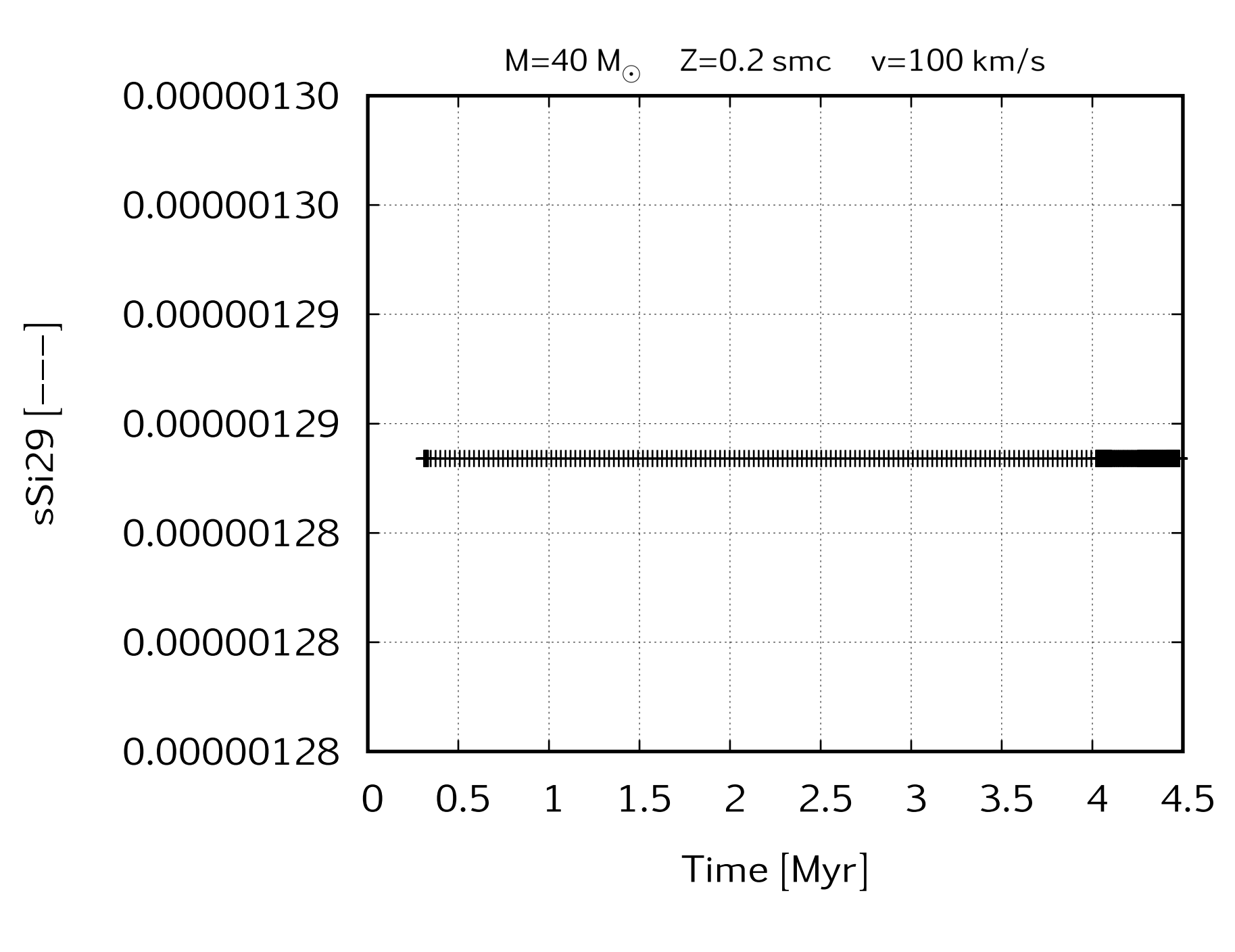

M=40 M⊙ Z=0.2 smc v=100 km/s
0.0000020
0.0000019
0.0000018
0.0000017
0.0000016
0.0000015
0.0000014
0.0000013
0.0000012
sMg25 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

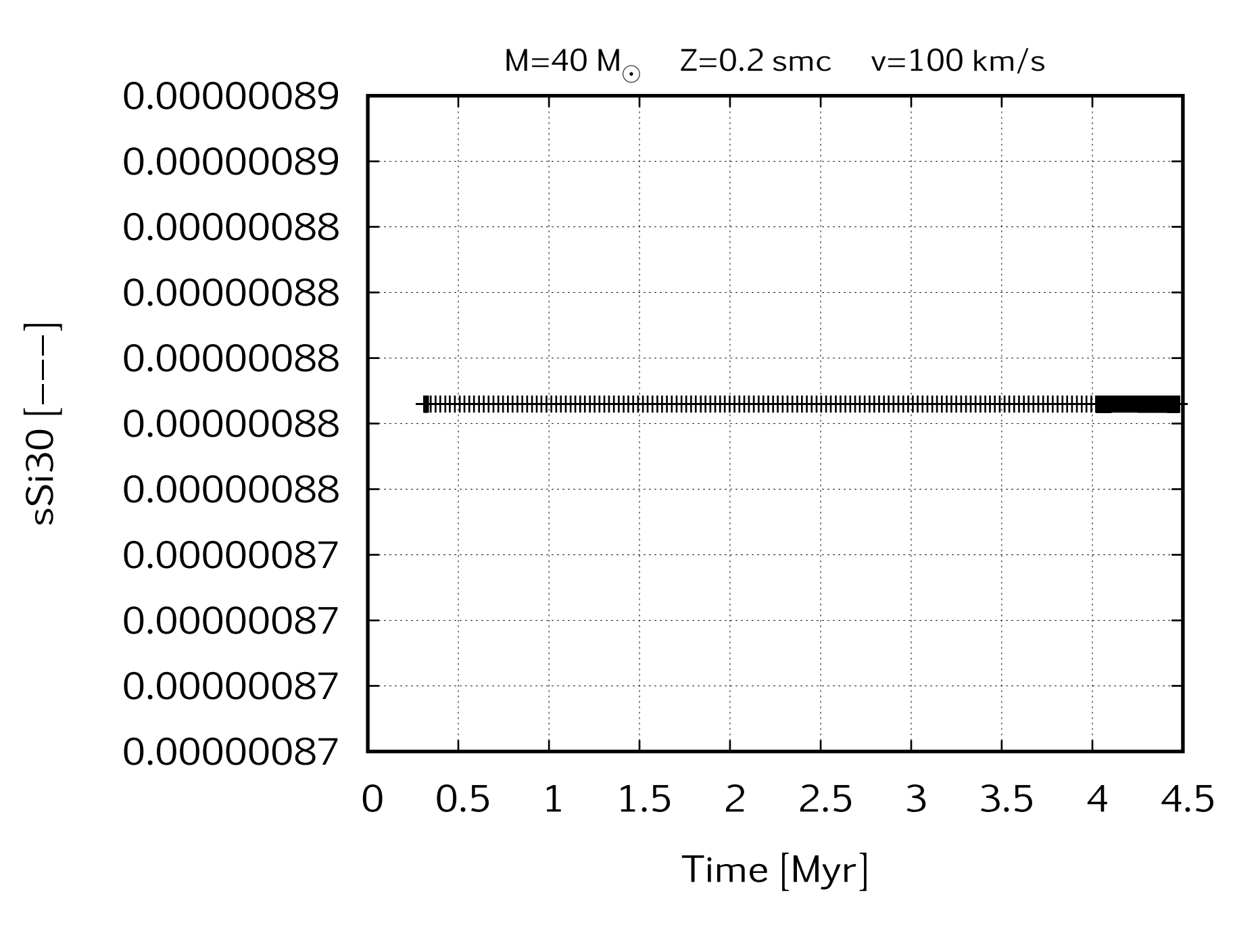

M=40 M⊙ Z=0.2 smc v=100 km/s
0.0000023
0.0000022
0.0000021
0.0000020
0.0000019
0.0000018
0.0000017
sMg26 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

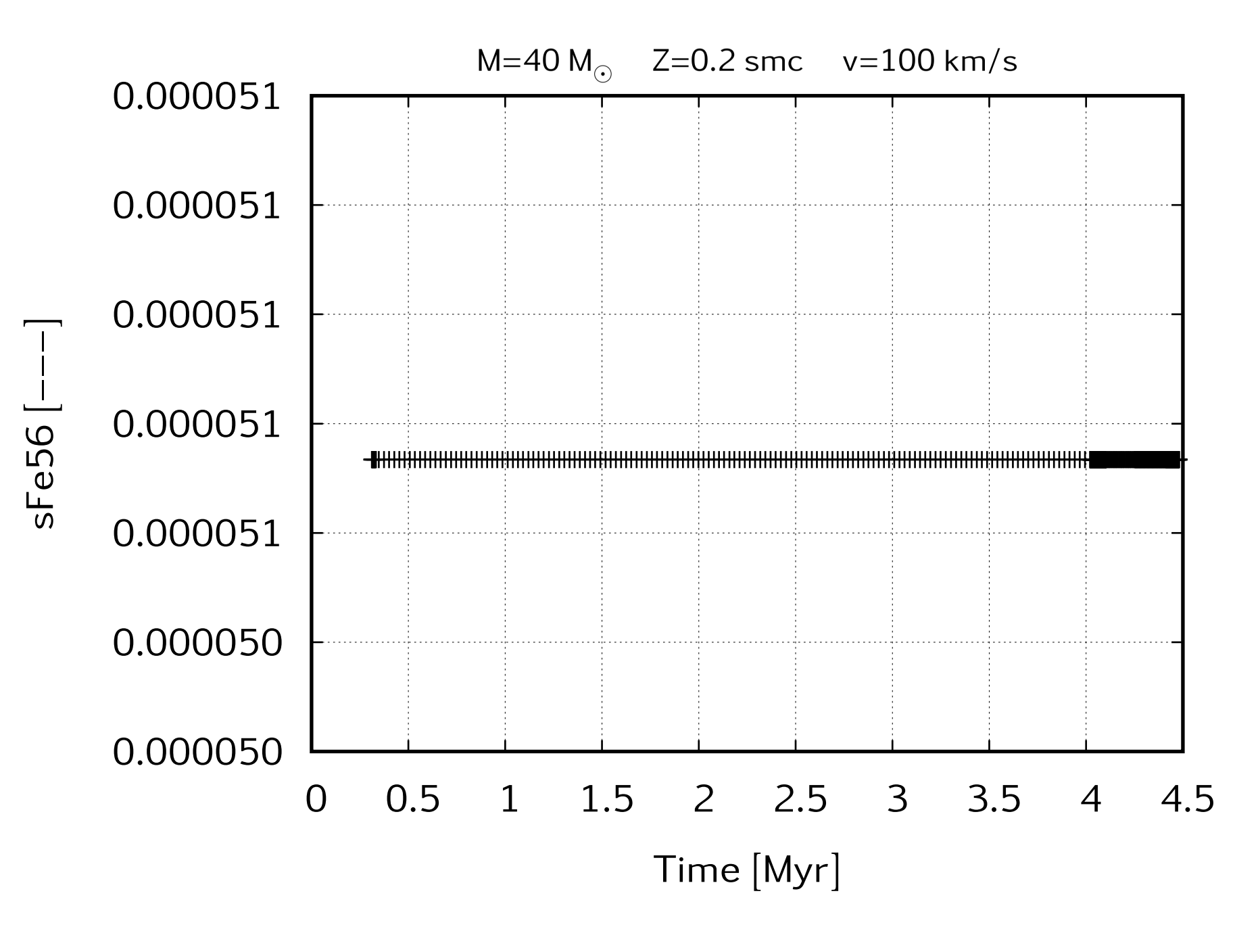

M=40 M⊙ Z=0.2 smc v=100 km/s
sAl26 [---]
8×10−9
7×10−9
6×10−9
5×10−9
4×10−9
3×10−9
2×10−9
1×10−9
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

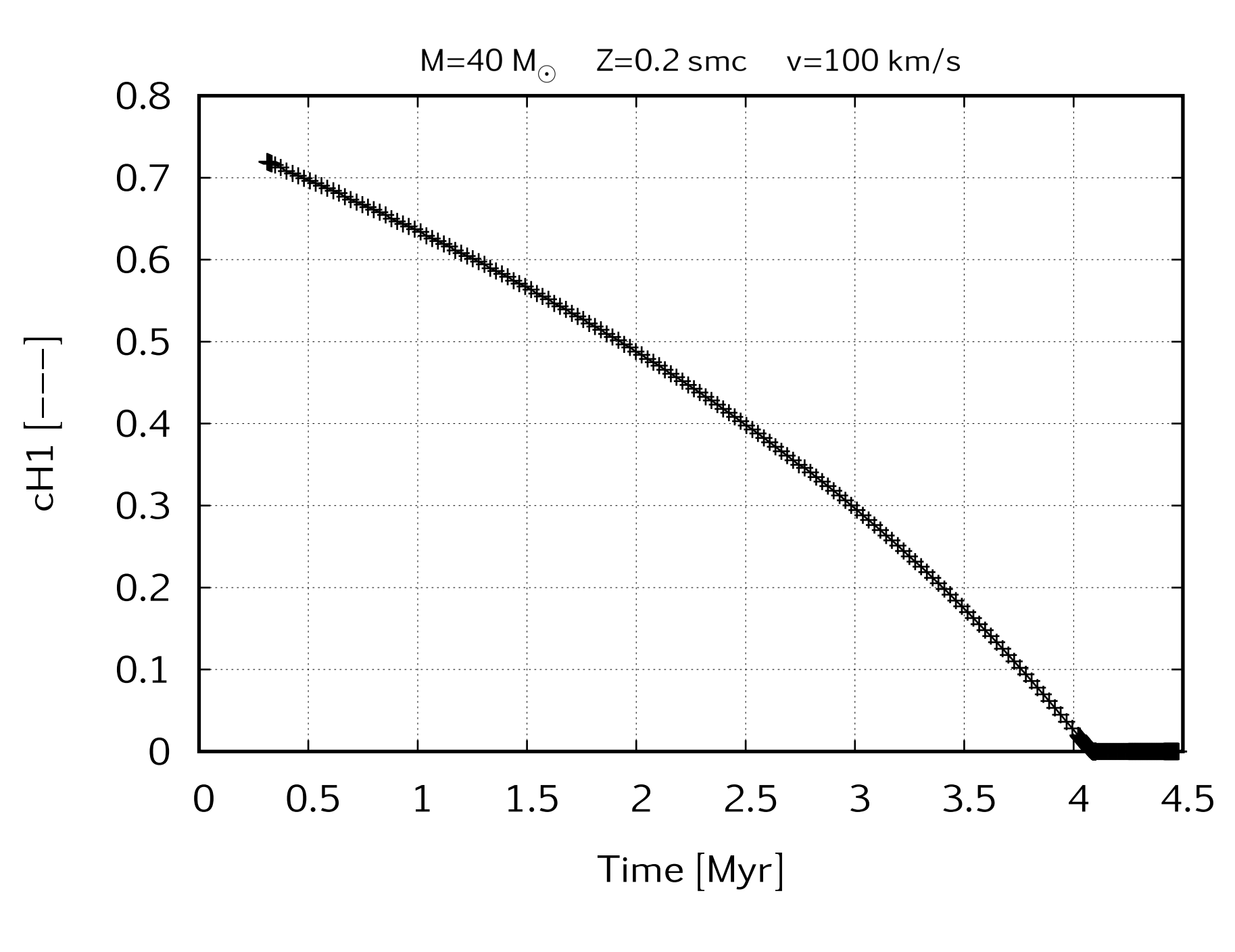

M=40 M⊙ Z=0.2 smc v=100 km/s
0.000003
0.000003
0.000003
0.000003
0.000002
0.000002
0.000002
0.000002
sAl27 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

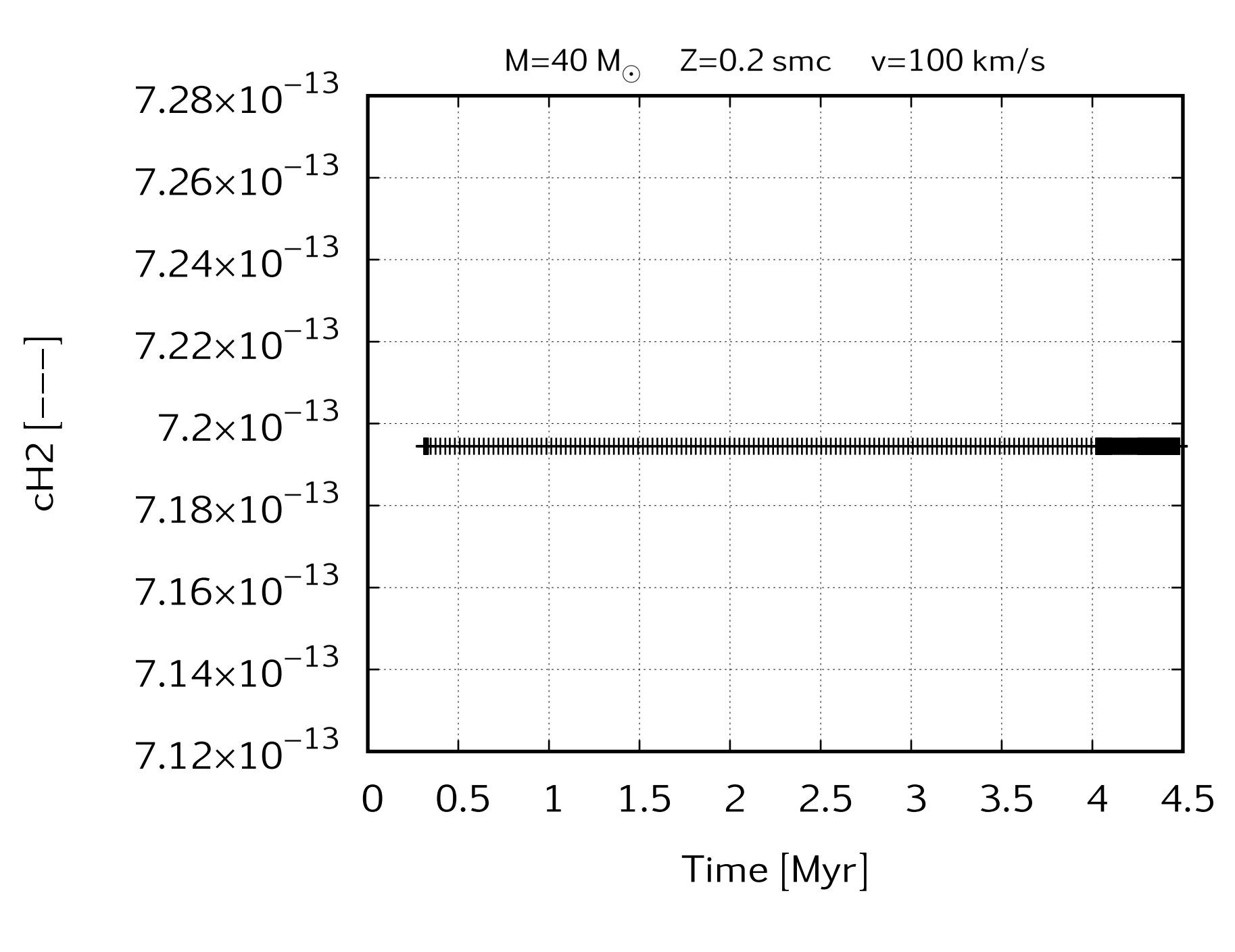

M=40 M⊙ Z=0.2 smc v=100 km/s
0.000024502
0.000024501
0.000024501
0.000024500
0.000024500
0.000024499
0.000024499
0.000024498
sSi28 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

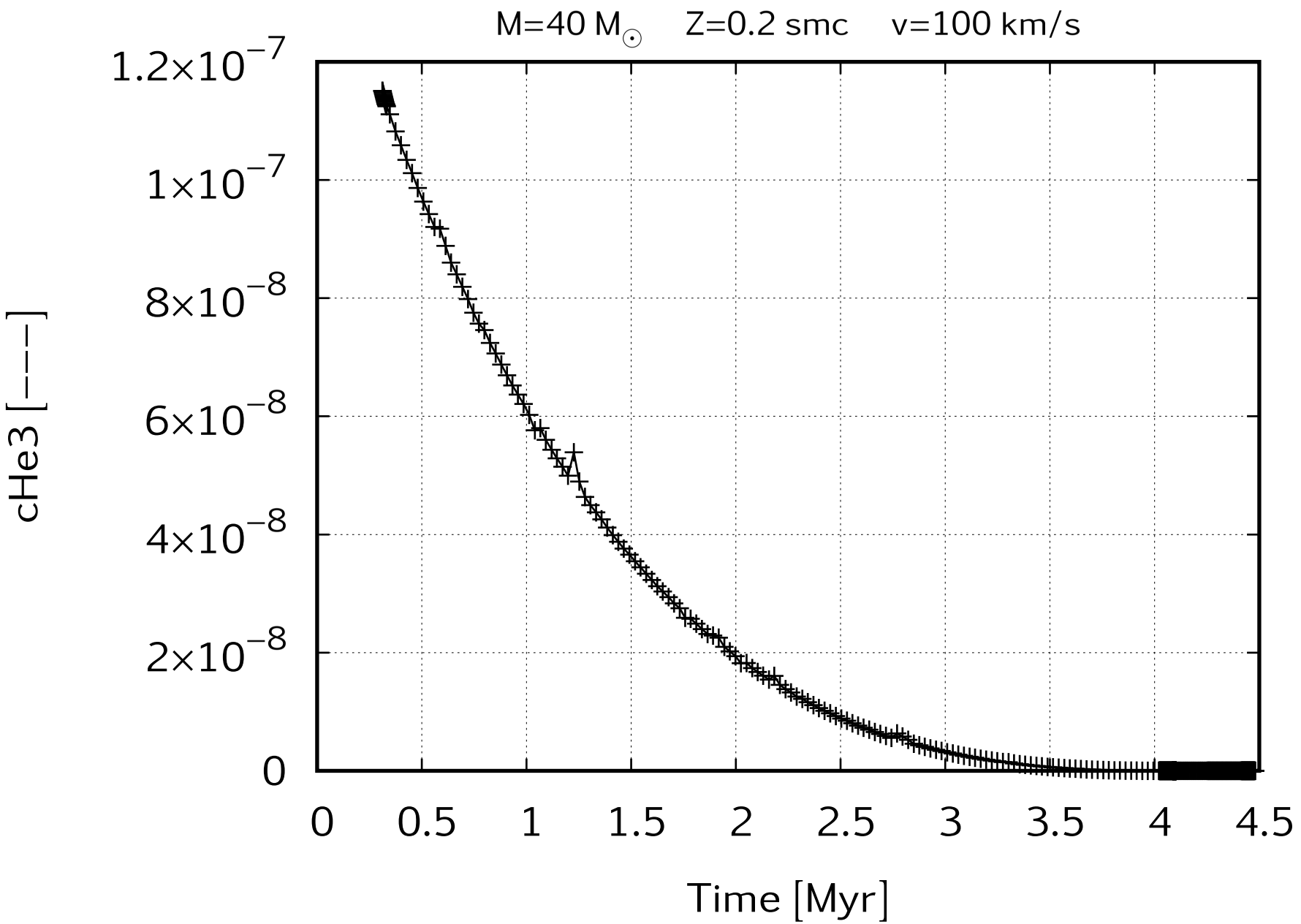

M=40 M⊙ Z=0.2 smc v=100 km/s
0.00000130
0.00000130
0.00000129
0.00000129
0.00000128
0.00000128
0.00000128
sSi29 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

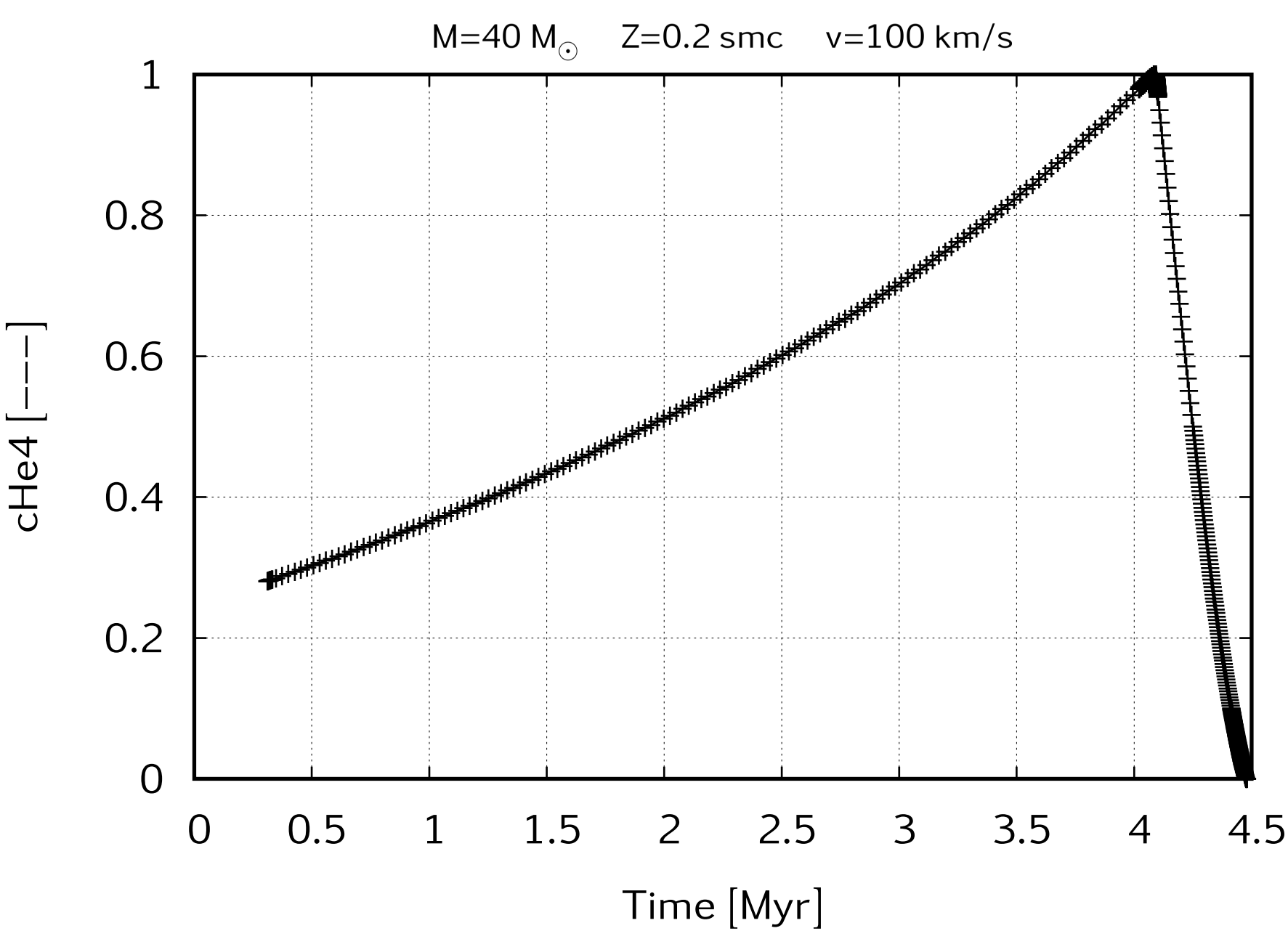

M=40 M⊙ Z=0.2 smc v=100 km/s
0.00000089
0.00000089
0.00000088
0.00000088
0.00000088
0.00000088
0.00000088
0.00000087
0.00000087
0.00000087
0.00000087
sSi30 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

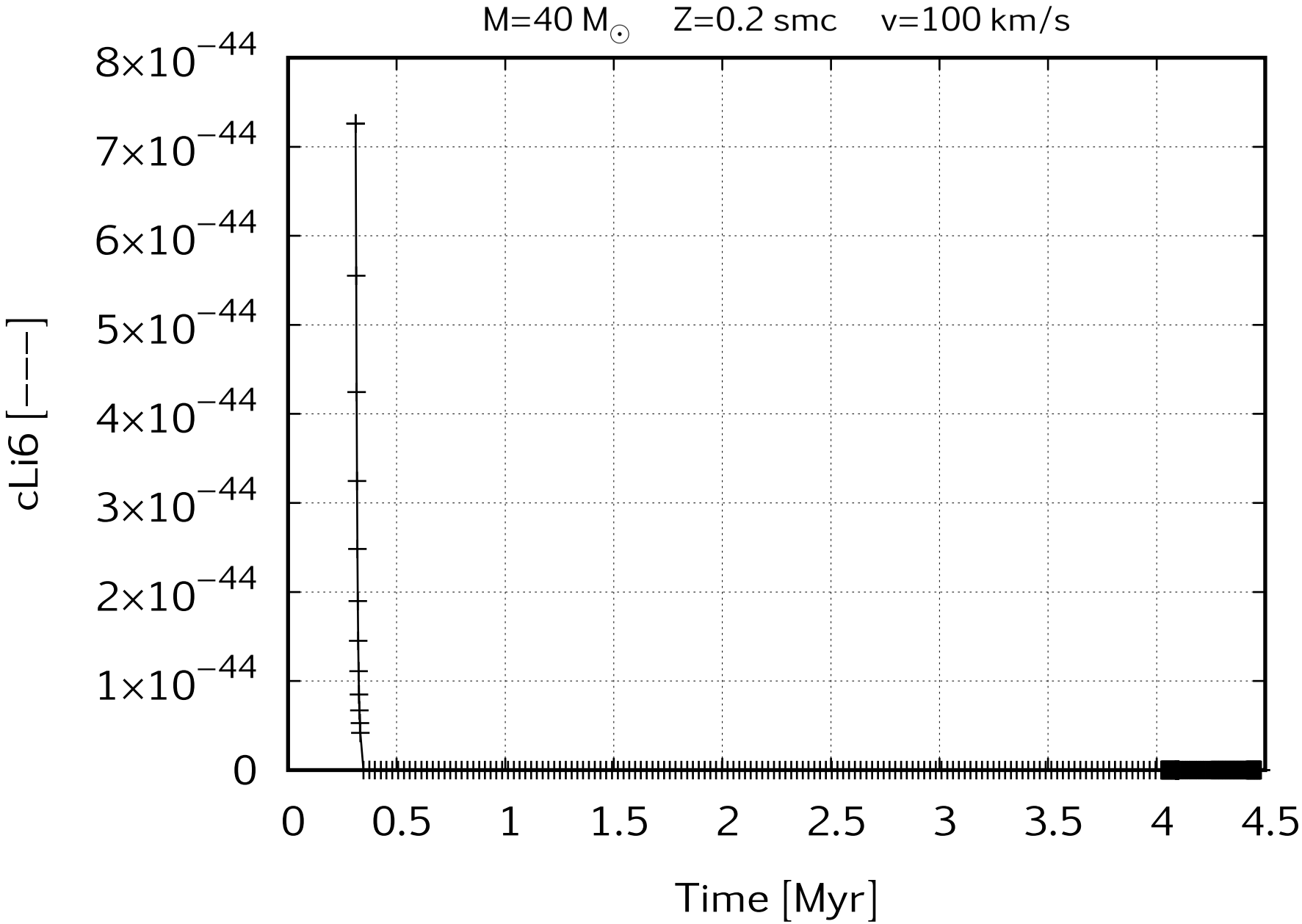

M=40 M⊙ Z=0.2 smc v=100 km/s
0.000051
0.000051
0.000051
0.000051
0.000051
0.000050
0.000050
sFe56 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

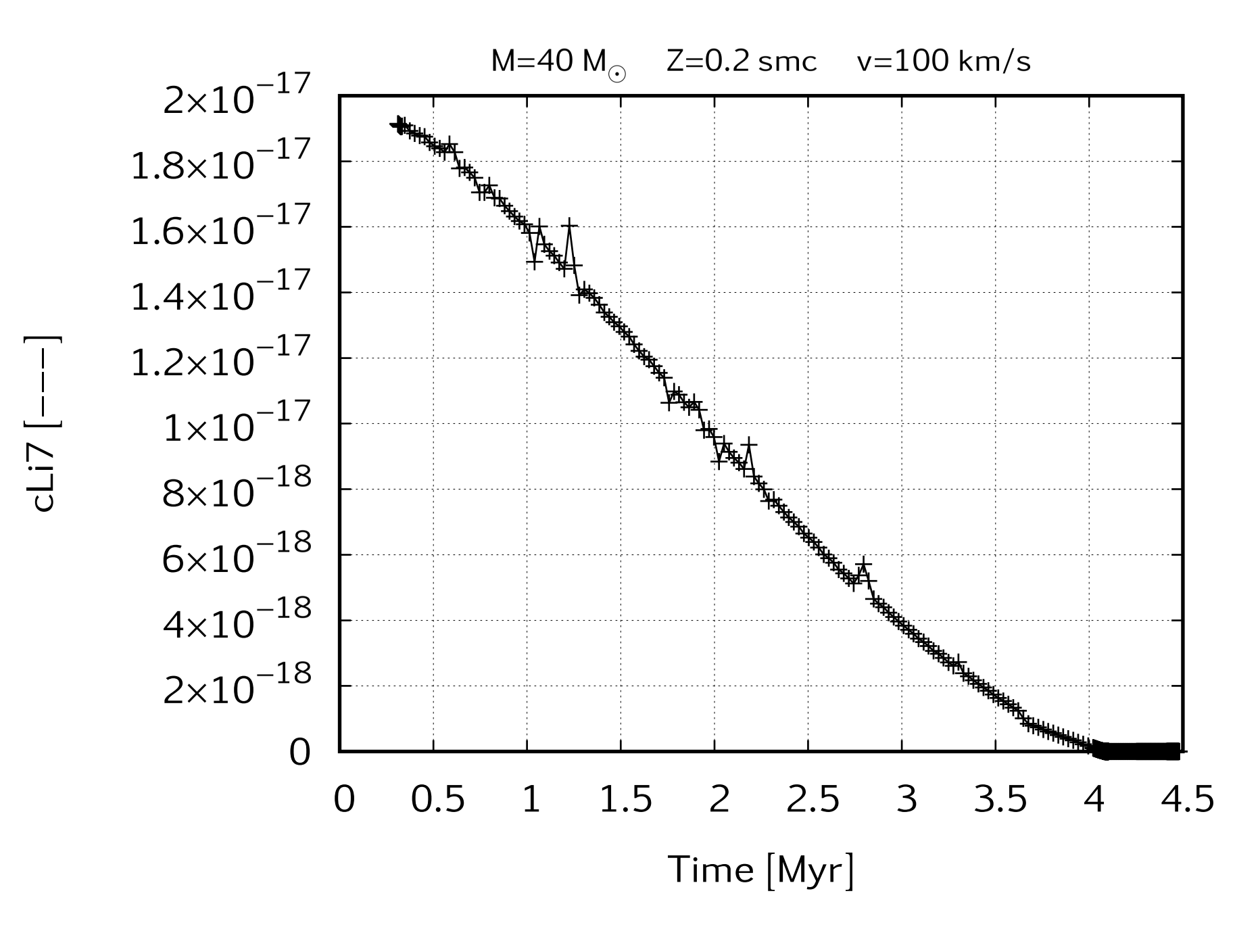

M=40 M⊙ Z=0.2 smc v=100 km/s
cH1 [---]
Time [Myr]
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5

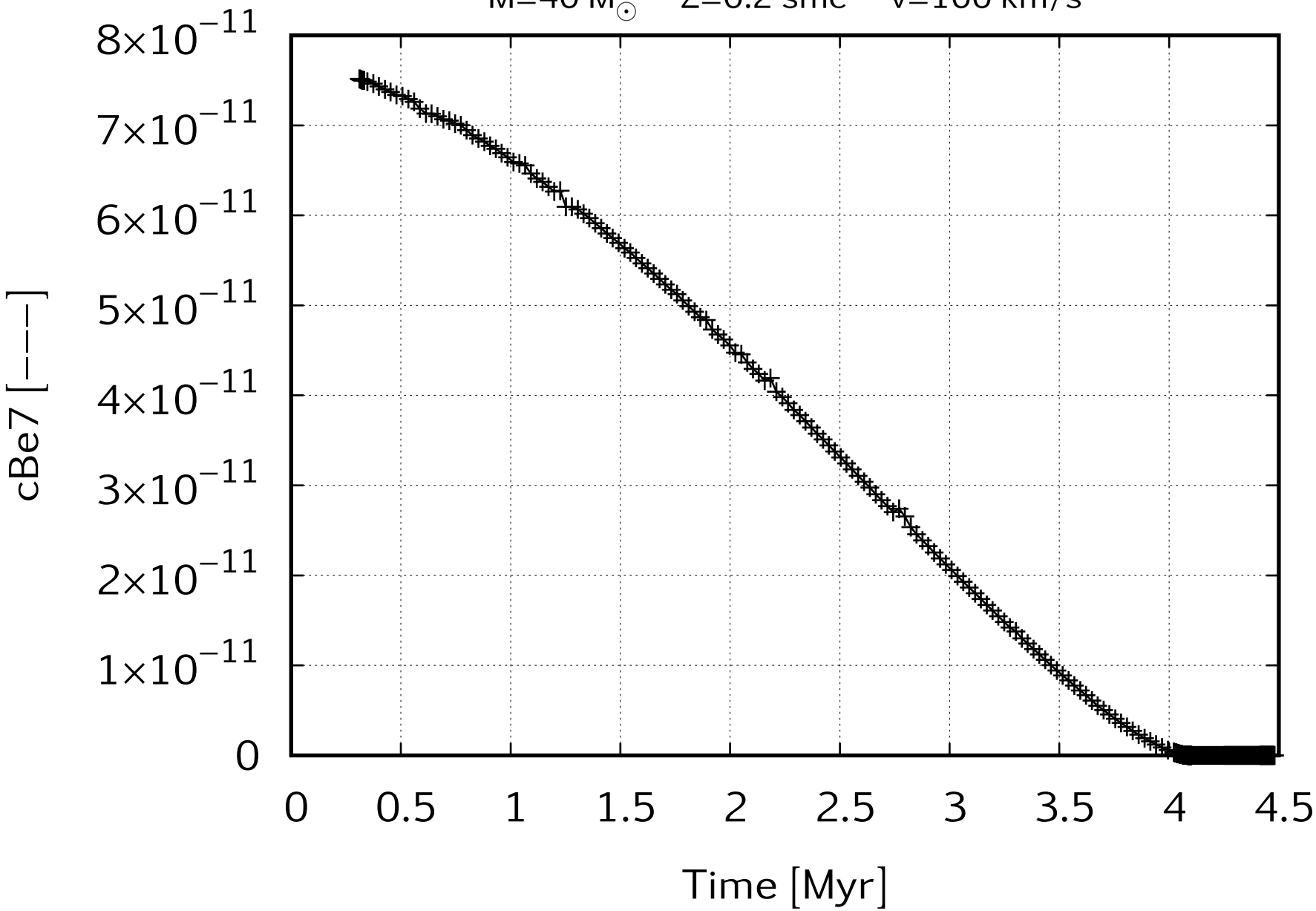

M=40 M⊙ Z=0.2 smc v=100 km/s
7.28×10−13
7.26×10−13
7.24×10−13
7.22×10−13
7.2×10−13
7.18×10−13
7.16×10−13
7.14×10−13
7.12×10−13
cH2 [—]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

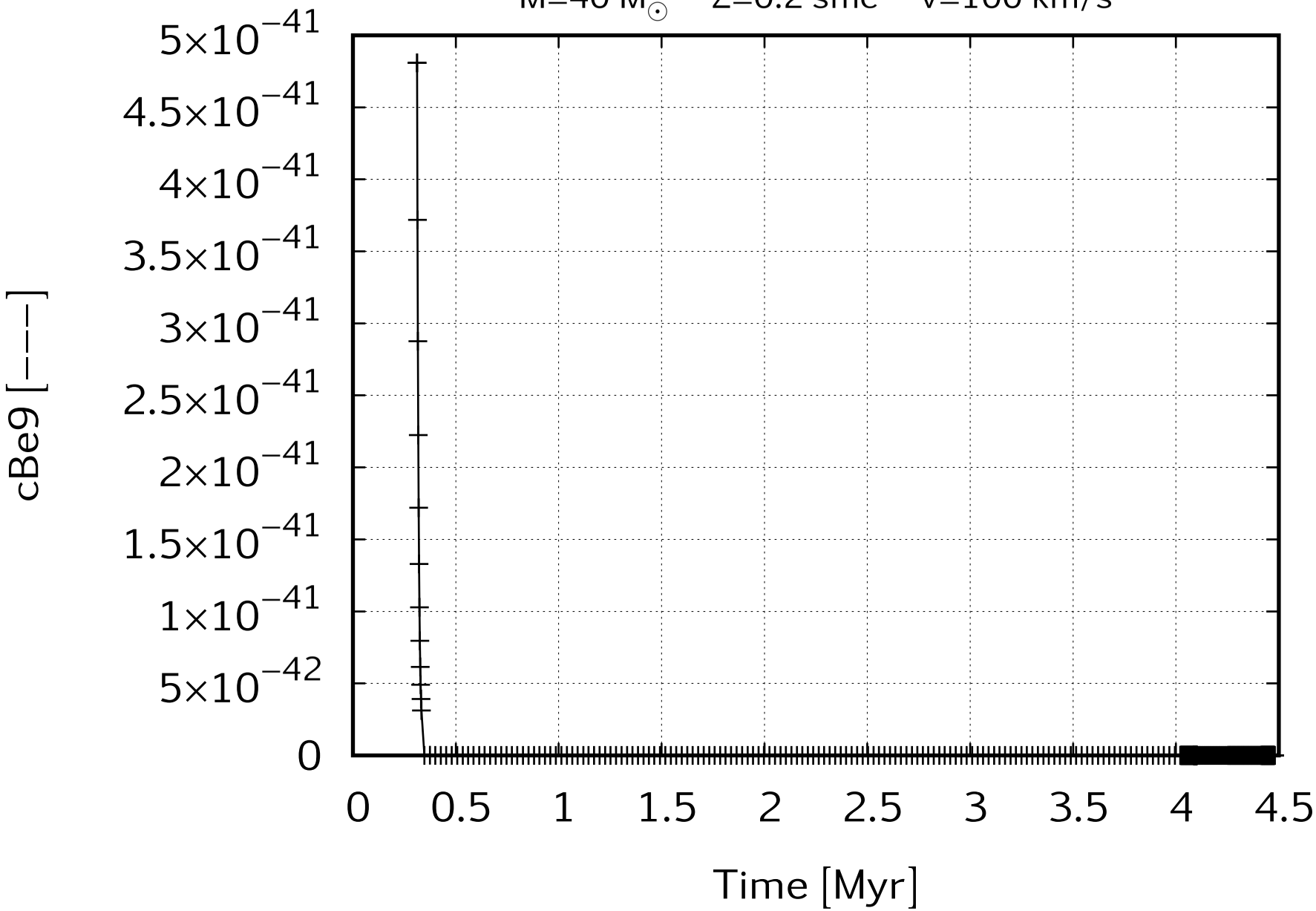

M=40 M⊙ Z=0.2 smc v=100 km/s
1.2×10−7
1×10−7
8×10−8
6×10−8
4×10−8
2×10−8
0
cHe3 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

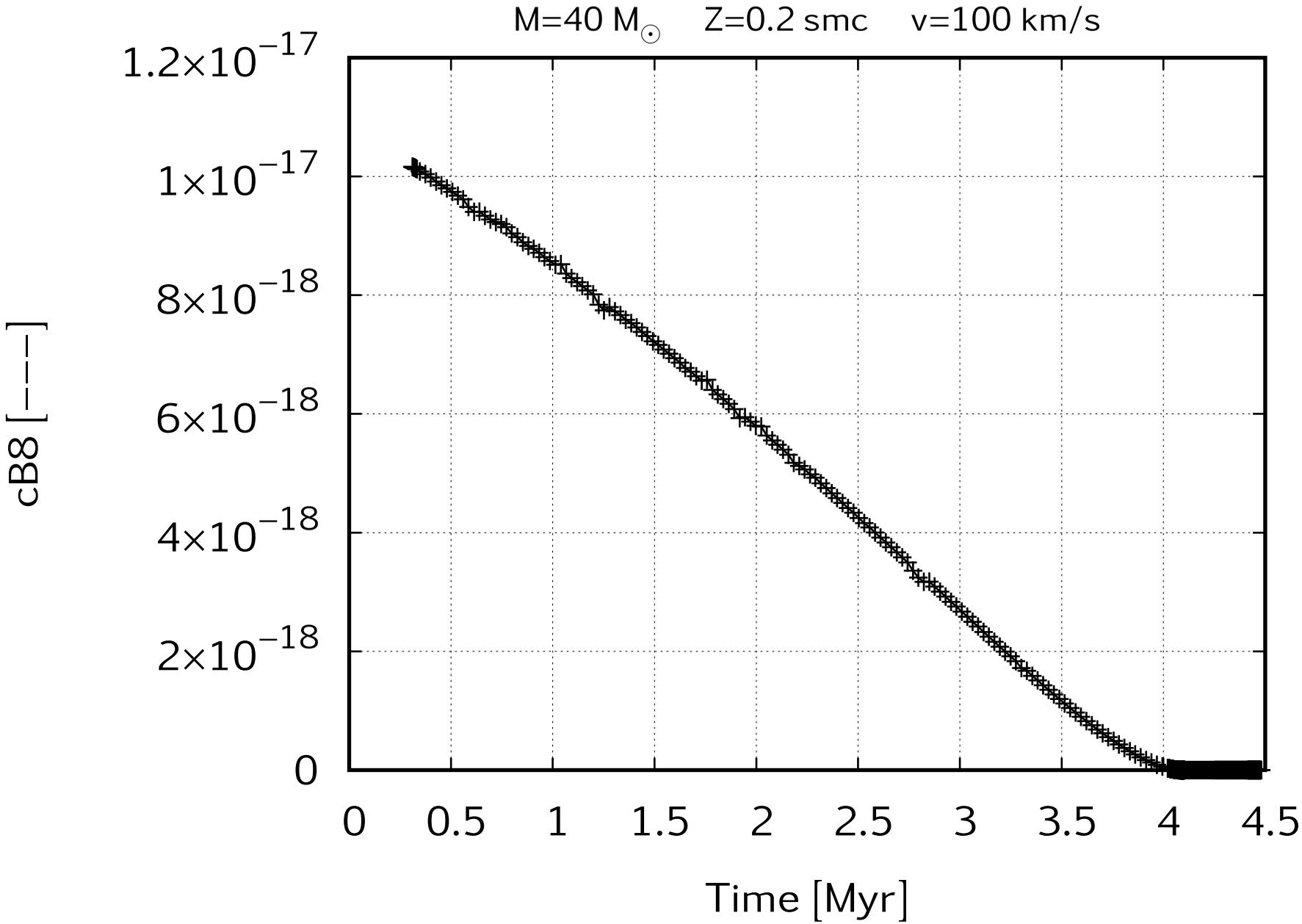

M=40 M⊙ Z=0.2 smc v=100 km/s
cHe4 [---]
Time [Myr]
0
0.2
0.4
0.6
0.8
1
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5

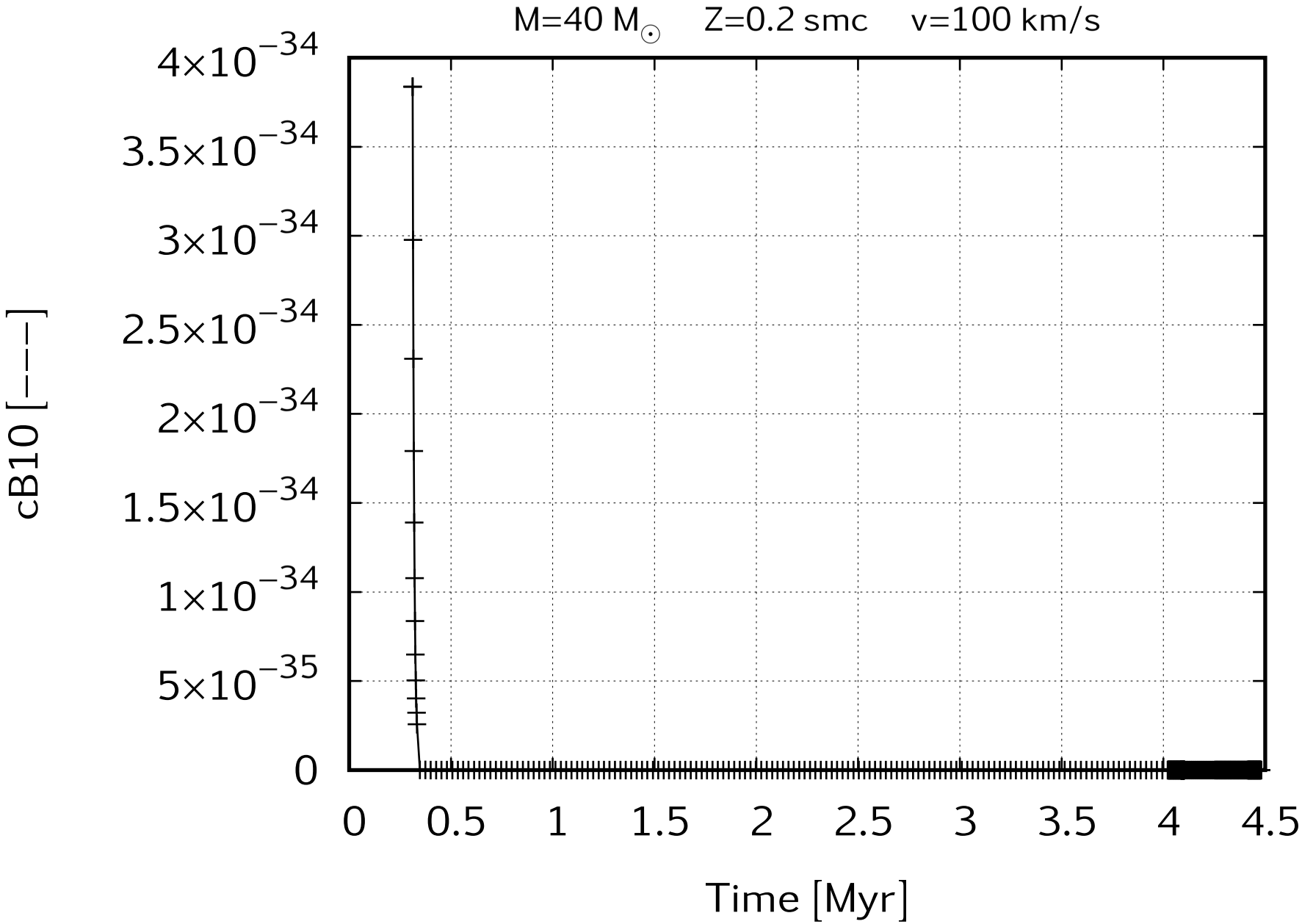

M=40 M⊙ Z=0.2 smc v=100 km/s
cLi6 [---]
8×10−44
7×10−44
6×10−44
5×10−44
4×10−44
3×10−44
2×10−44
1×10−44
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

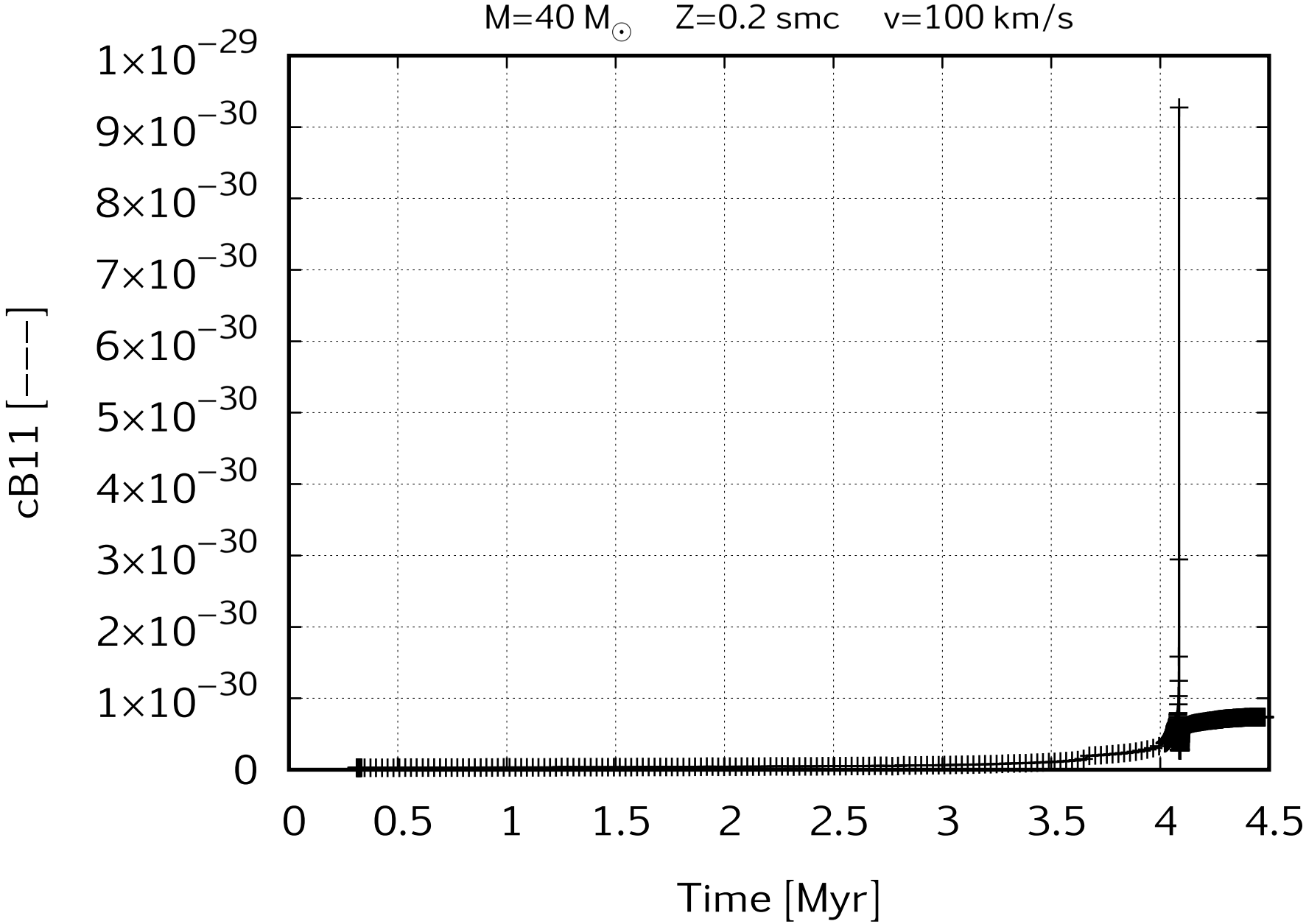

M=40 M⊙ Z=0.2 smc v=100 km/s
cLi7 [---]
2×10−17
1.8×10−17
1.6×10−17
1.4×10−17
1.2×10−17
1×10−17
8×10−18
6×10−18
4×10−18
2×10−18
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

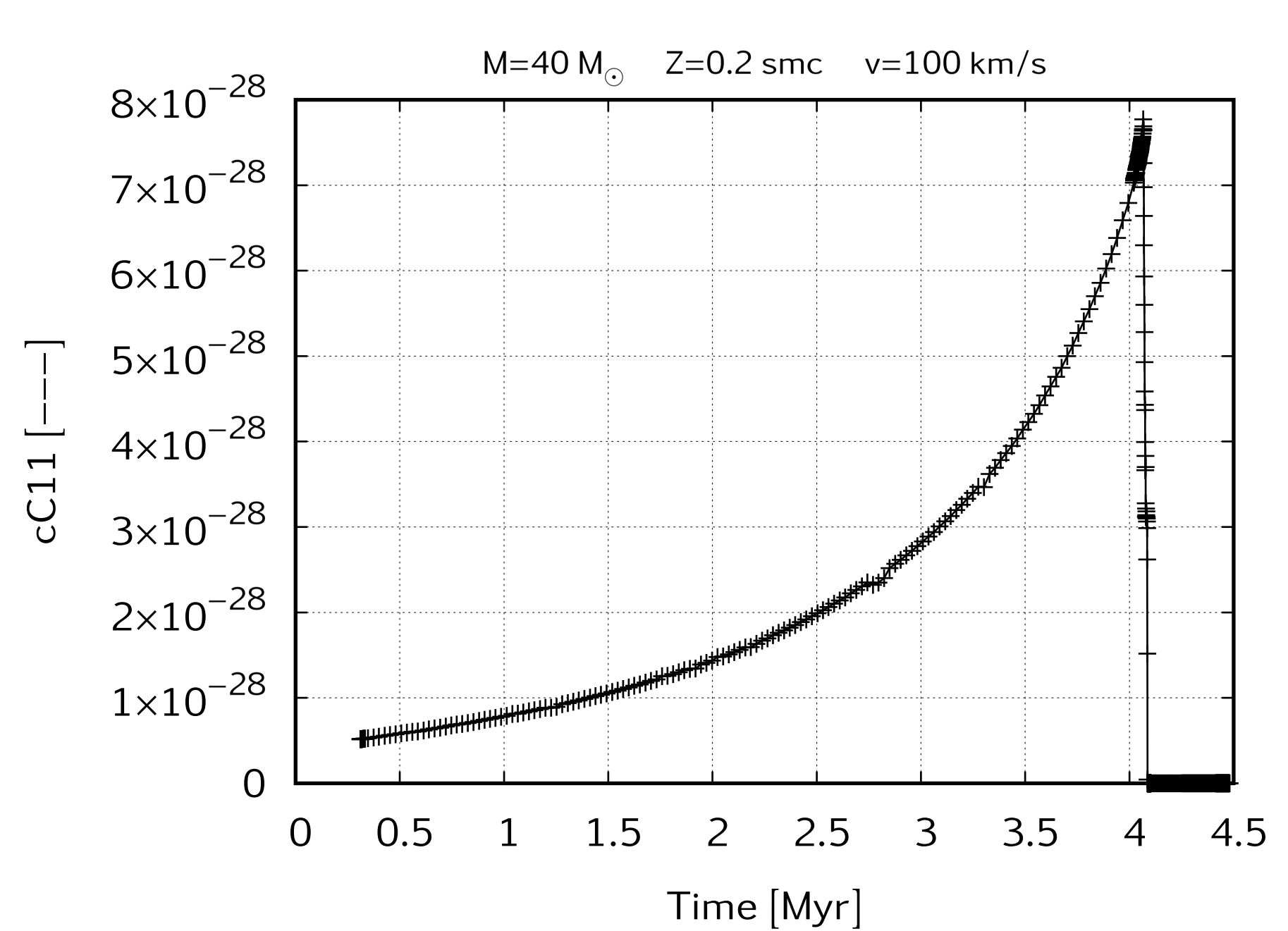

M=40 M⊙ Z=0.2 smc v=100 km/s
cBe7 [---]
8×10−11
7×10−11
6×10−11
5×10−11
4×10−11
3×10−11
2×10−11
1×10−11
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

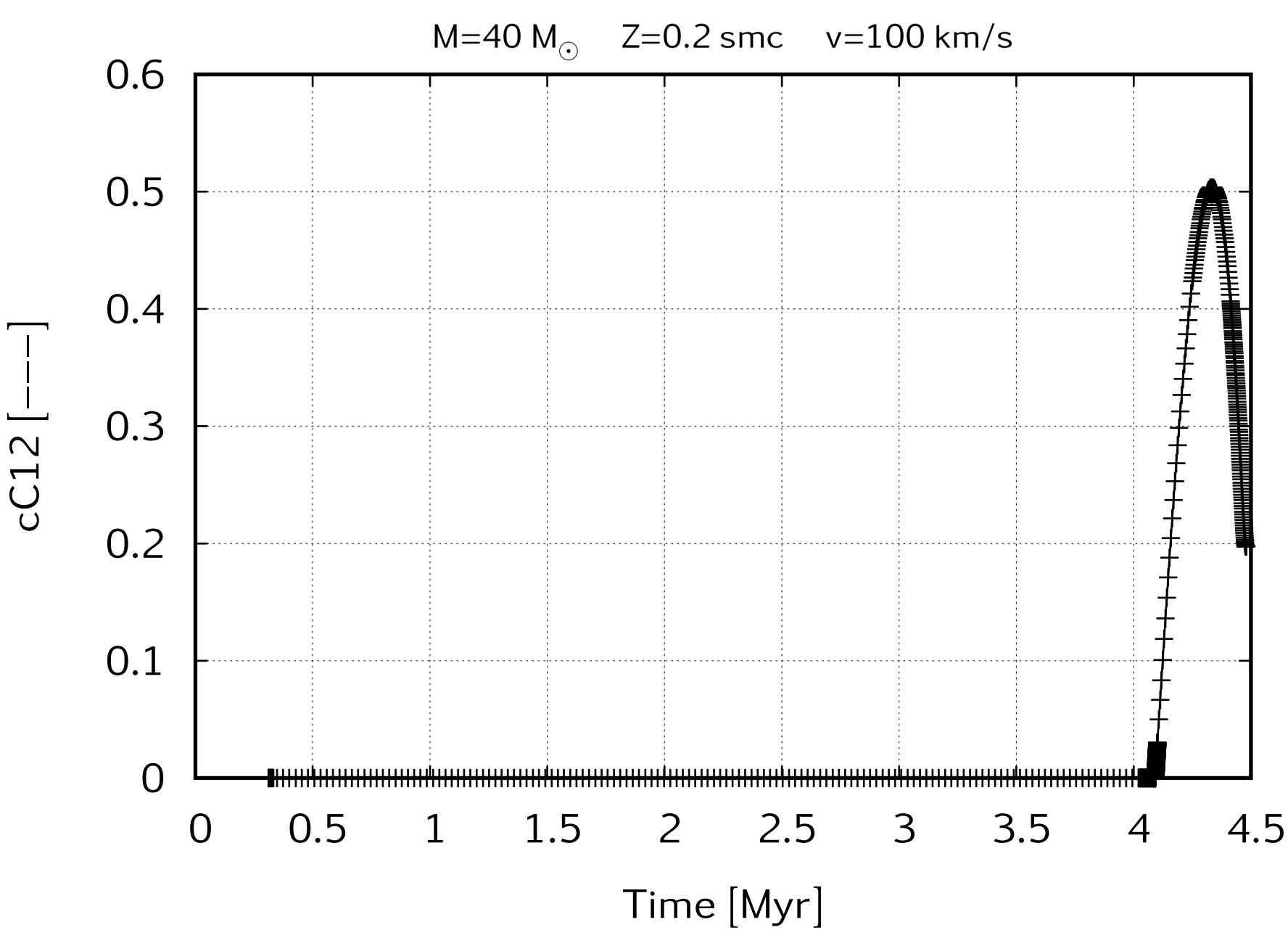

M=40 M⊙ Z=0.2 smc v=100 km/s
cBe9 [---]
5×10−41
4.5×10−41
4×10−41
3.5×10−41
3×10−41
2.5×10−41
2×10−41
1.5×10−41
1×10−41
5×10−42
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

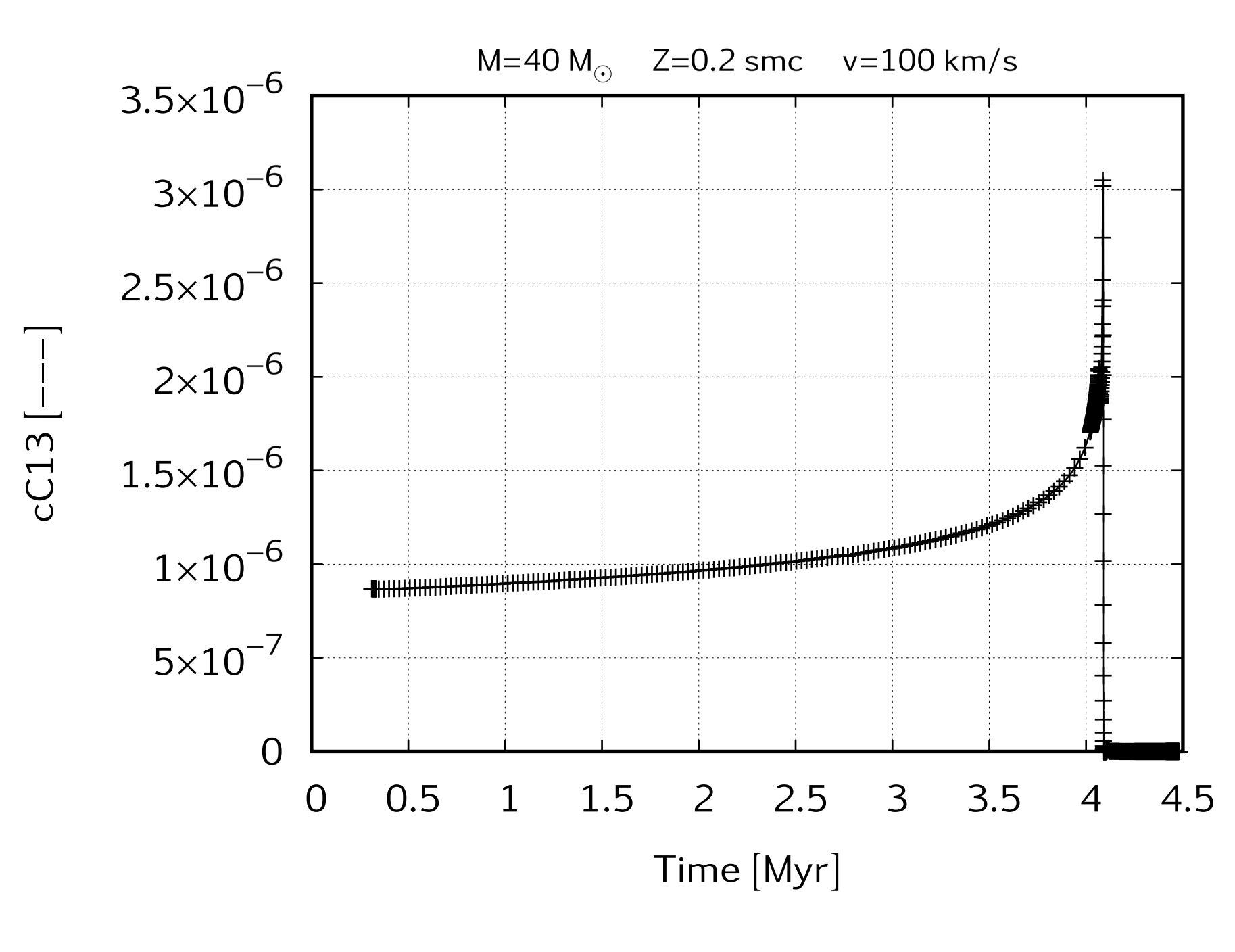

M=40 M⊙ Z=0.2 smc v=100 km/s
1.2×10−17
1×10−17
8×10−18
6×10−18
4×10−18
2×10−18
0
cB8 [—]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

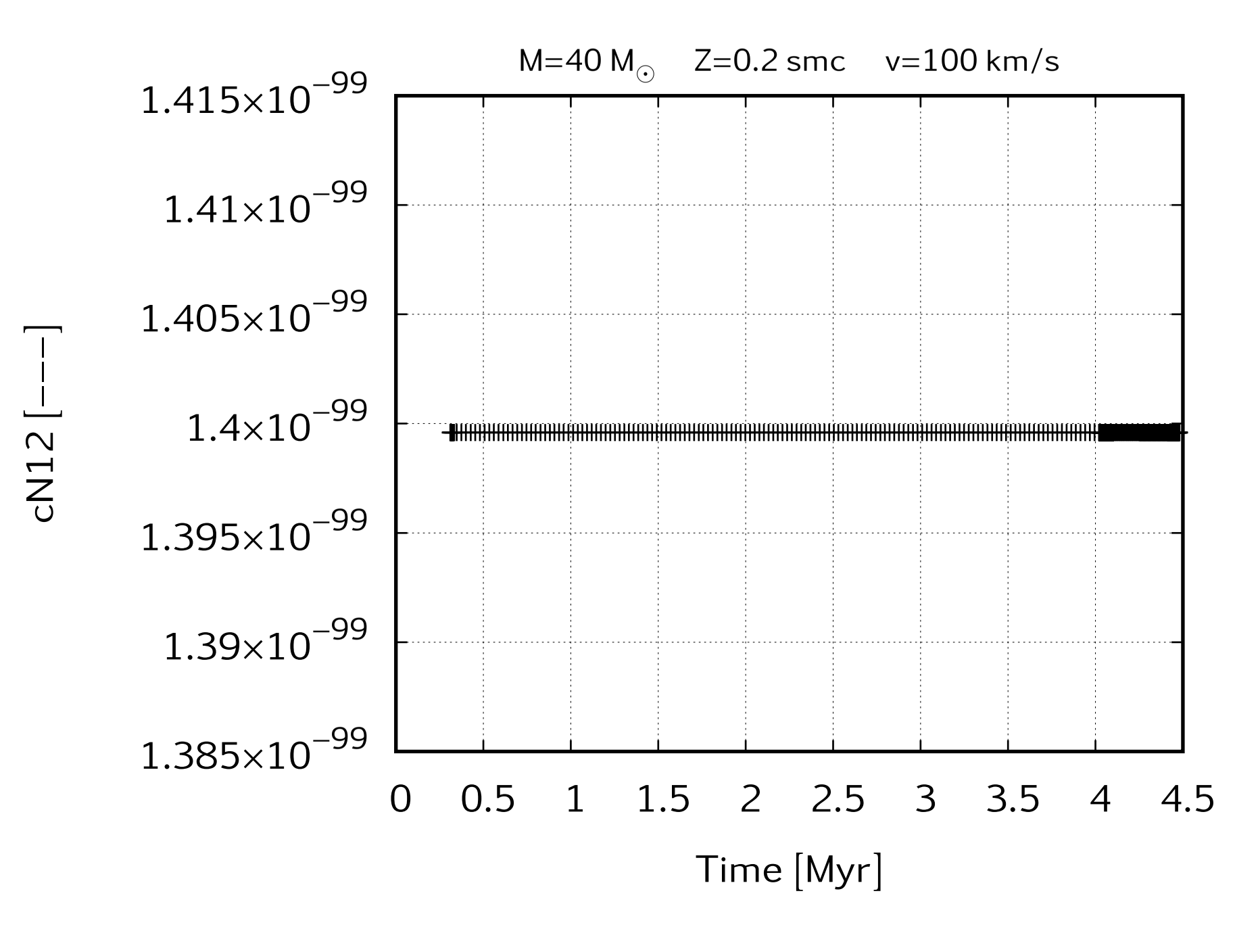

M=40 M⊙ Z=0.2 smc v=100 km/s
cB10 [---]
4×10−34
3.5×10−34
3×10−34
2.5×10−34
2×10−34
1.5×10−34
1×10−34
5×10−35
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

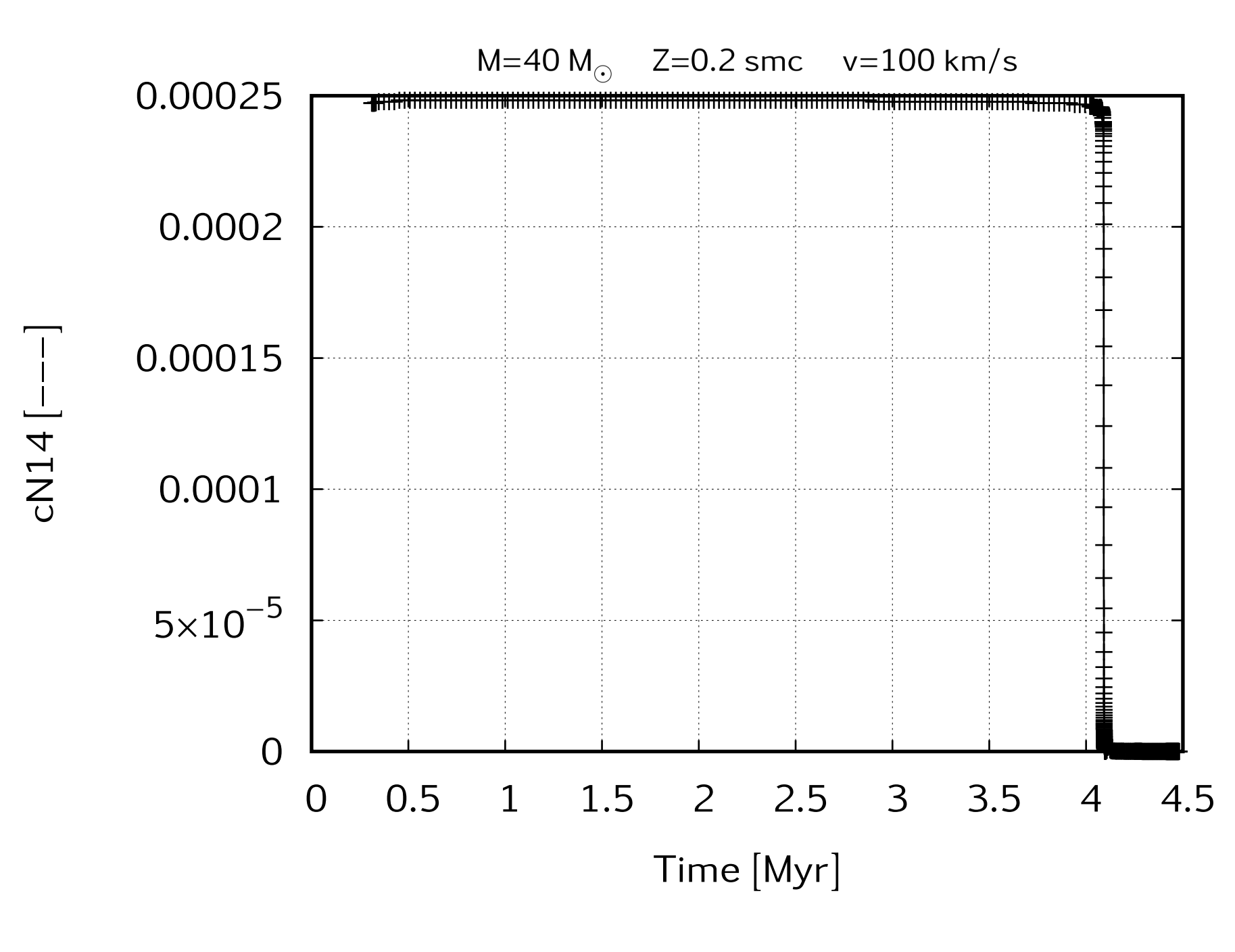

M=40 M⊙ Z=0.2 smc v=100 km/s
cB11 [---]
1×10−29
9×10−30
8×10−30
7×10−30
6×10−30
5×10−30
4×10−30
3×10−30
2×10−30
1×10−30
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

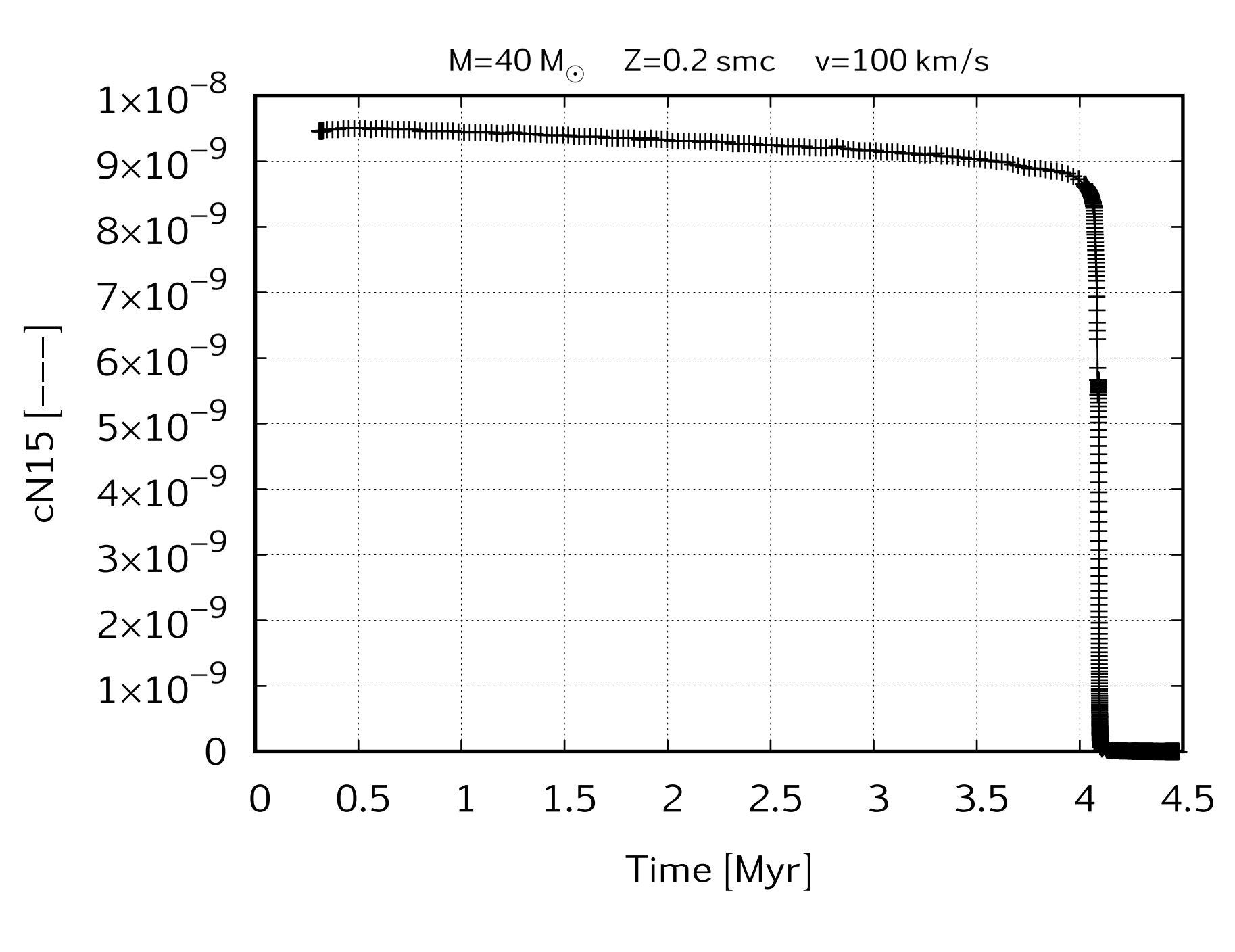

M=40 M⊙ Z=0.2 smc v=100 km/s
cC11 [---]
8×10−28
7×10−28
6×10−28
5×10−28
4×10−28
3×10−28
2×10−28
1×10−28
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

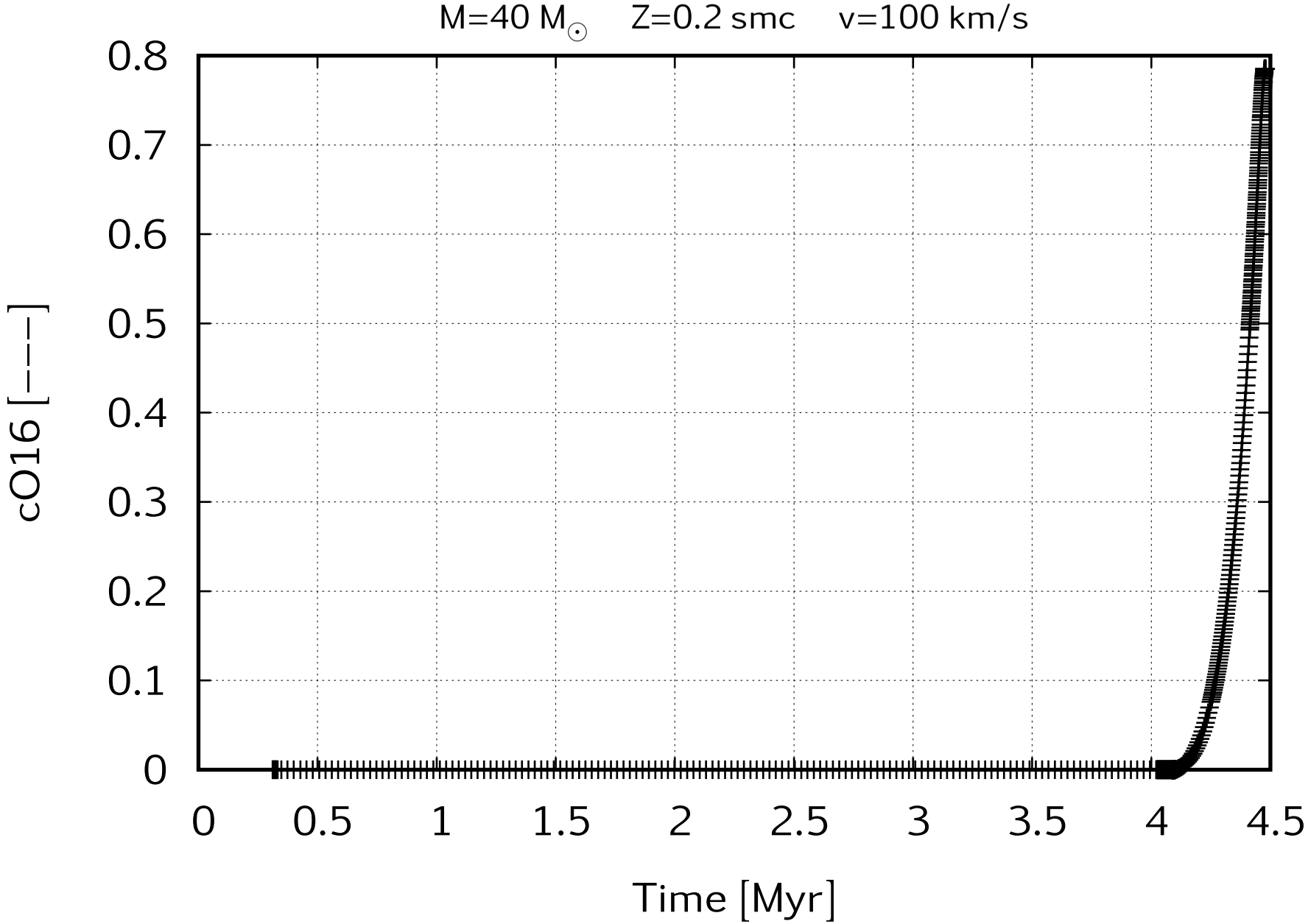

M=40 M⊙ Z=0.2 smc v=100 km/s
cC12 [---]
Time [Myr]
0
0.1
0.2
0.3
0.4
0.5
0.6
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5

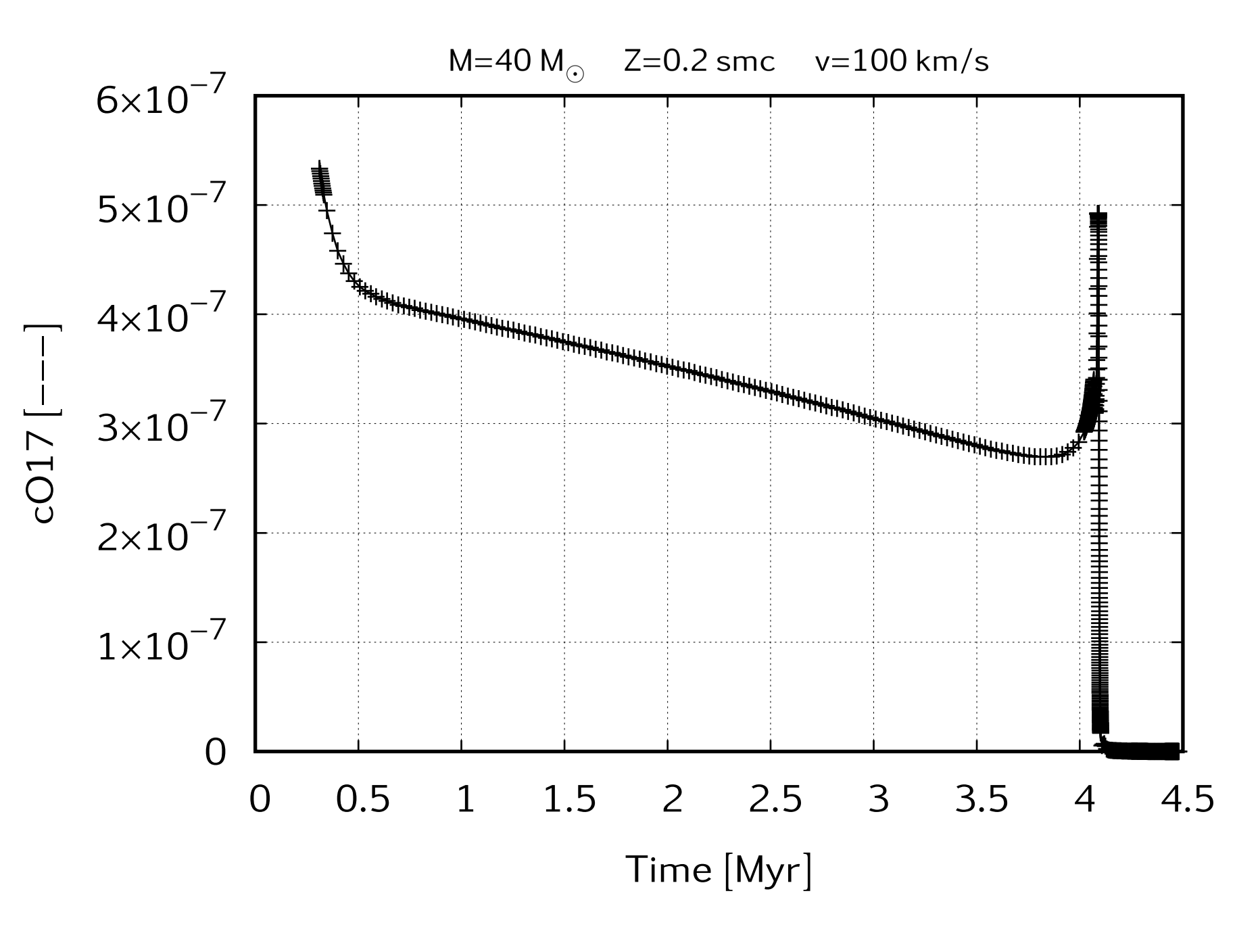

M=40 M⊙ Z=0.2 smc v=100 km/s
cC13 [---]
3.5×10−6
3×10−6
2.5×10−6
2×10−6
1.5×10−6
1×10−6
5×10−7
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

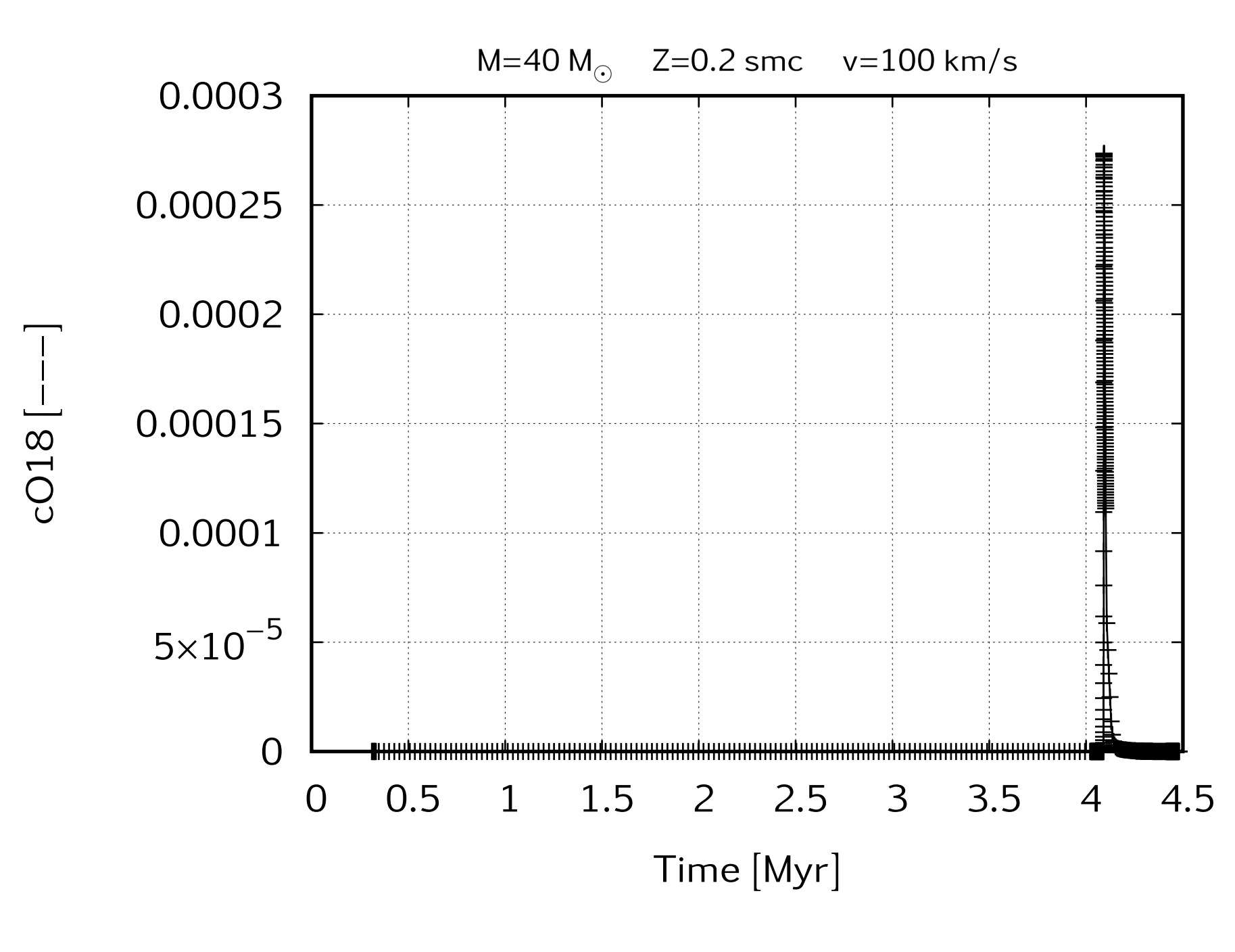

M=40 M⊙ Z=0.2 smc v=100 km/s
1.415×10−99
1.41×10−99
1.405×10−99
1.4×10−99
1.395×10−99
1.39×10−99
1.385×10−99
cN12 [———]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

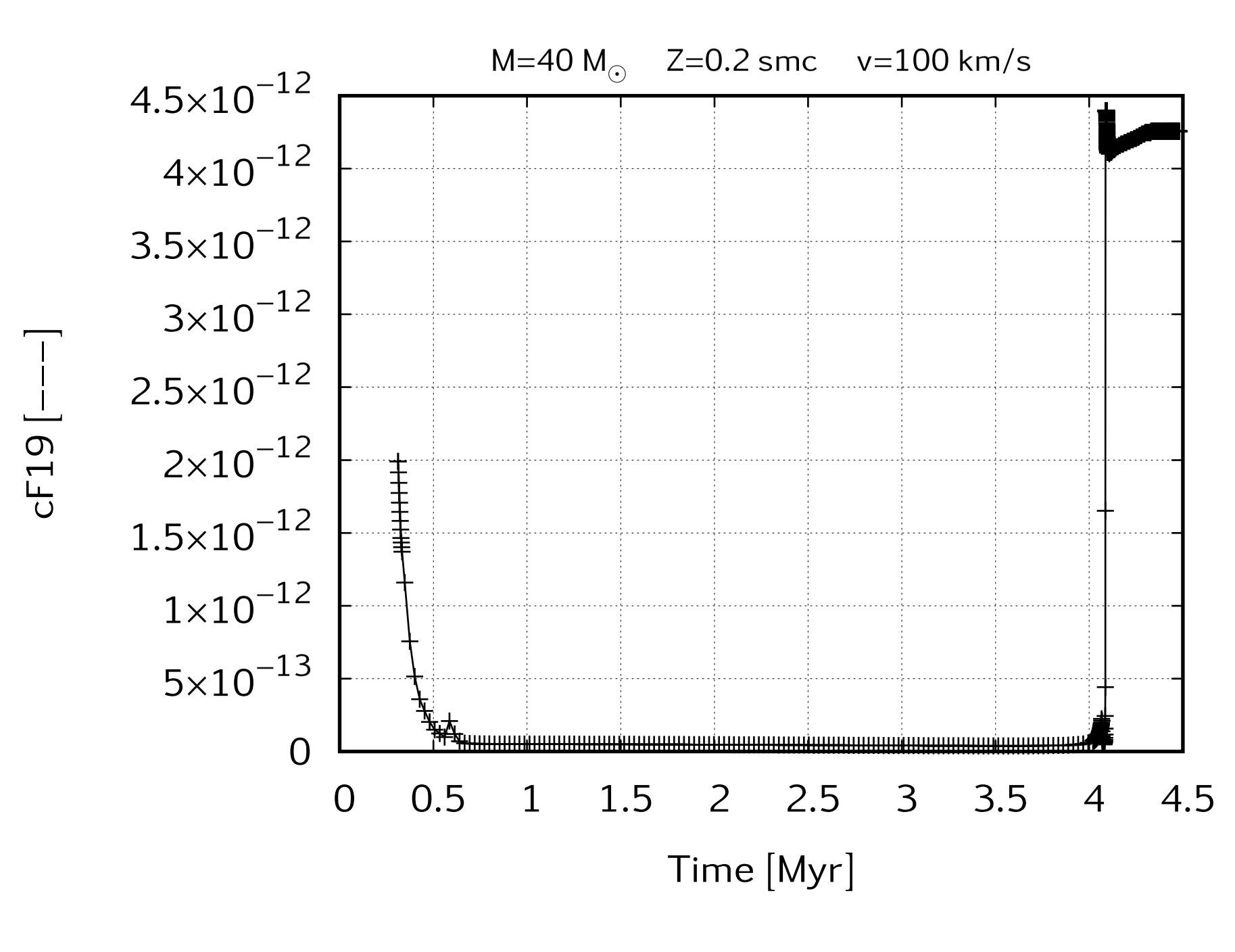

M=40 M⊙ Z=0.2 smc v=100 km/s
0.00025
0.0002
0.00015
0.0001
5×10−5
0
cN14 [———]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

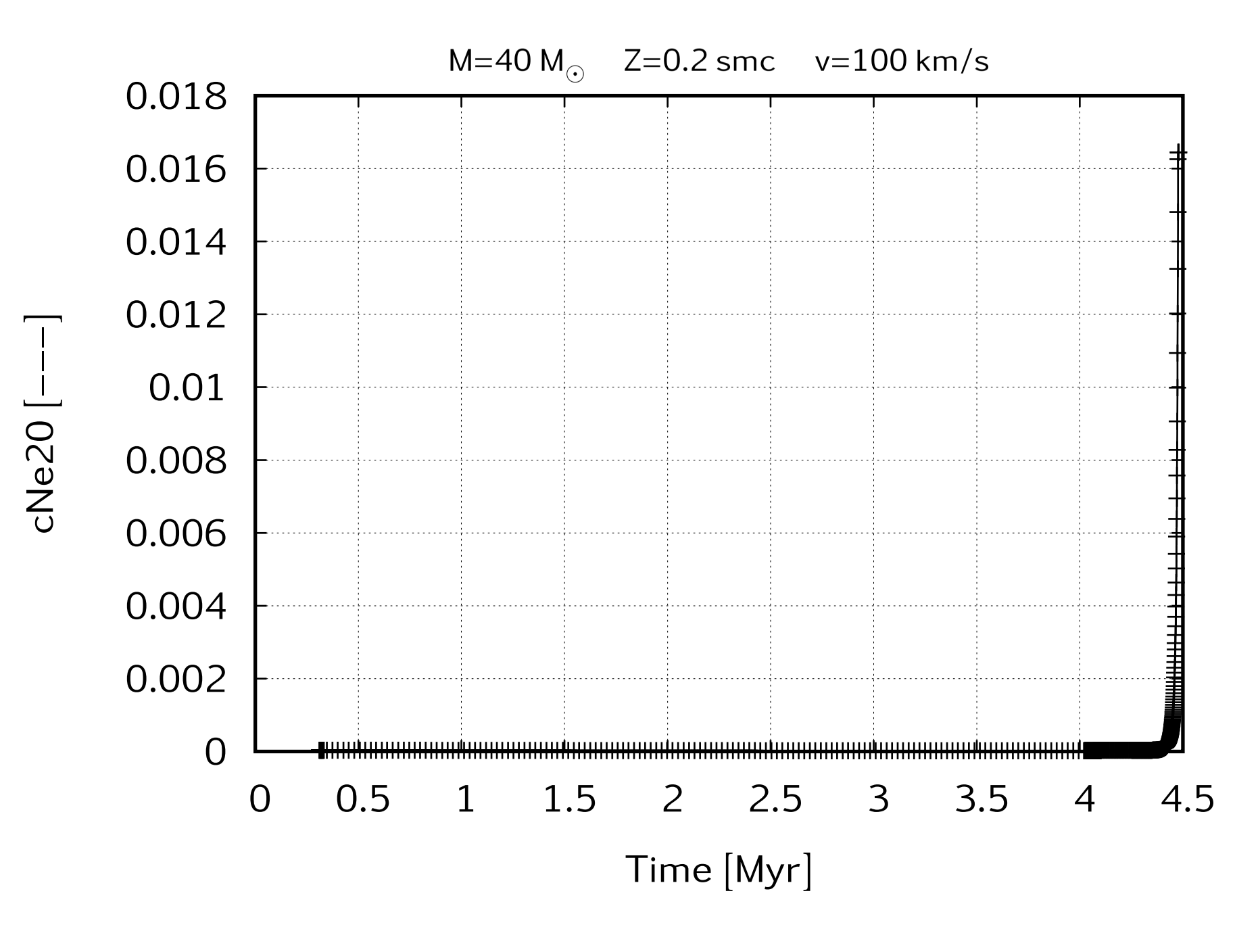

M=40 M⊙ Z=0.2 smc v=100 km/s
cN15 [---]
1×10−8
9×10−9
8×10−9
7×10−9
6×10−9
5×10−9
4×10−9
3×10−9
2×10−9
1×10−9
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

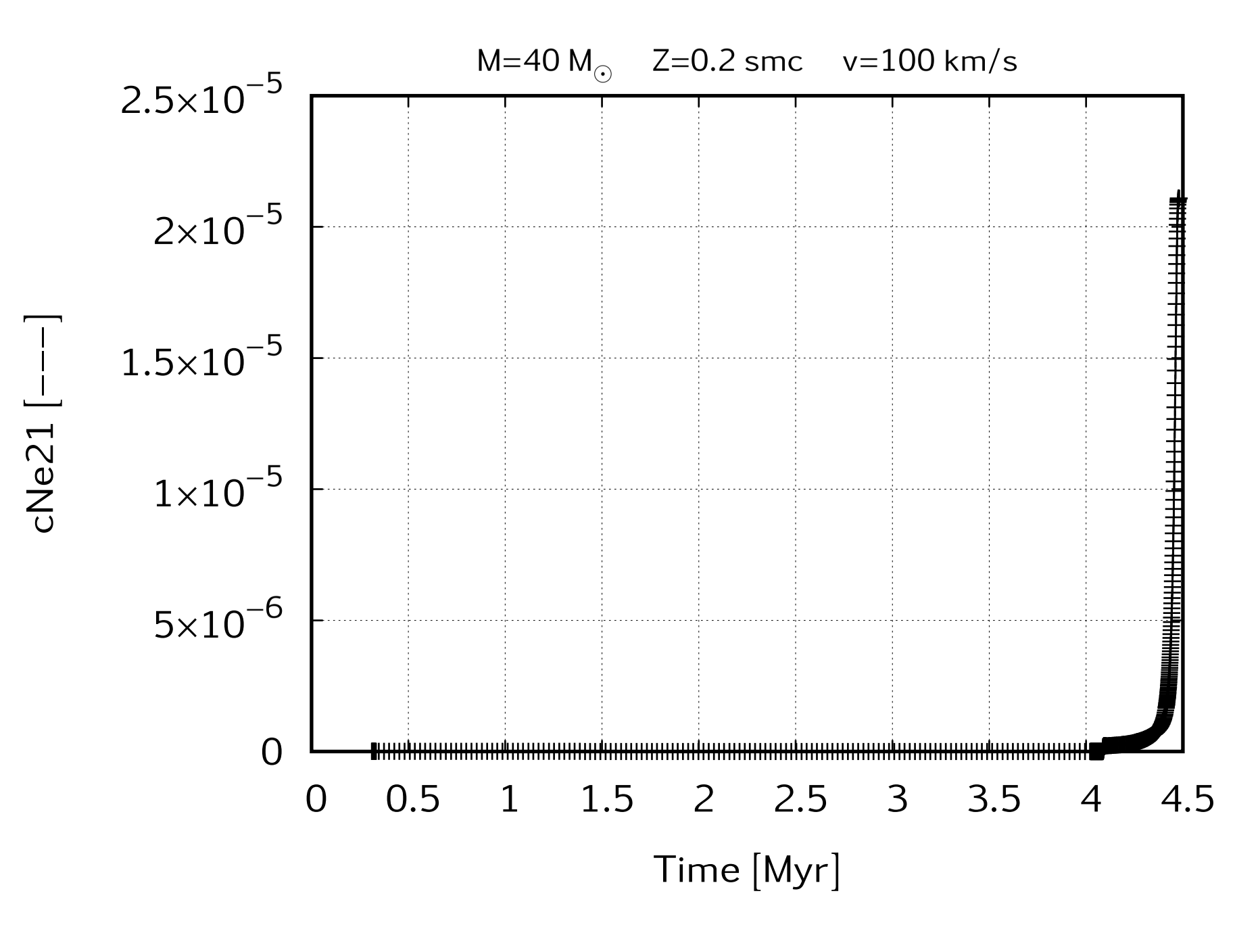

M=40 M⊙ Z=0.2 smc v=100 km/s
cO16 [---]
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

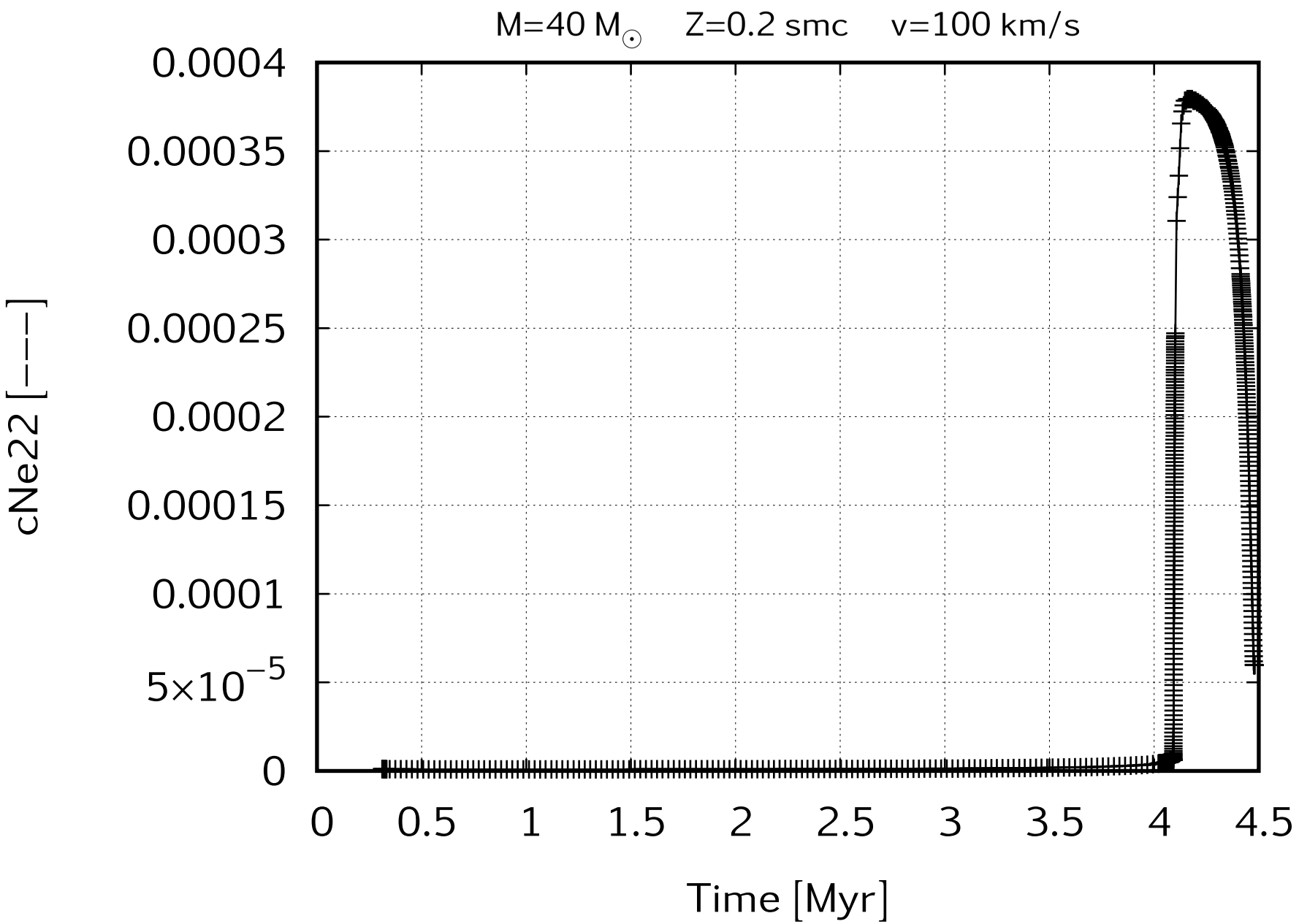

M=40 M⊙ Z=0.2 smc v=100 km/s
6×10−7
5×10−7
4×10−7
3×10−7
2×10−7
1×10−7
0
cO17 [−−−]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

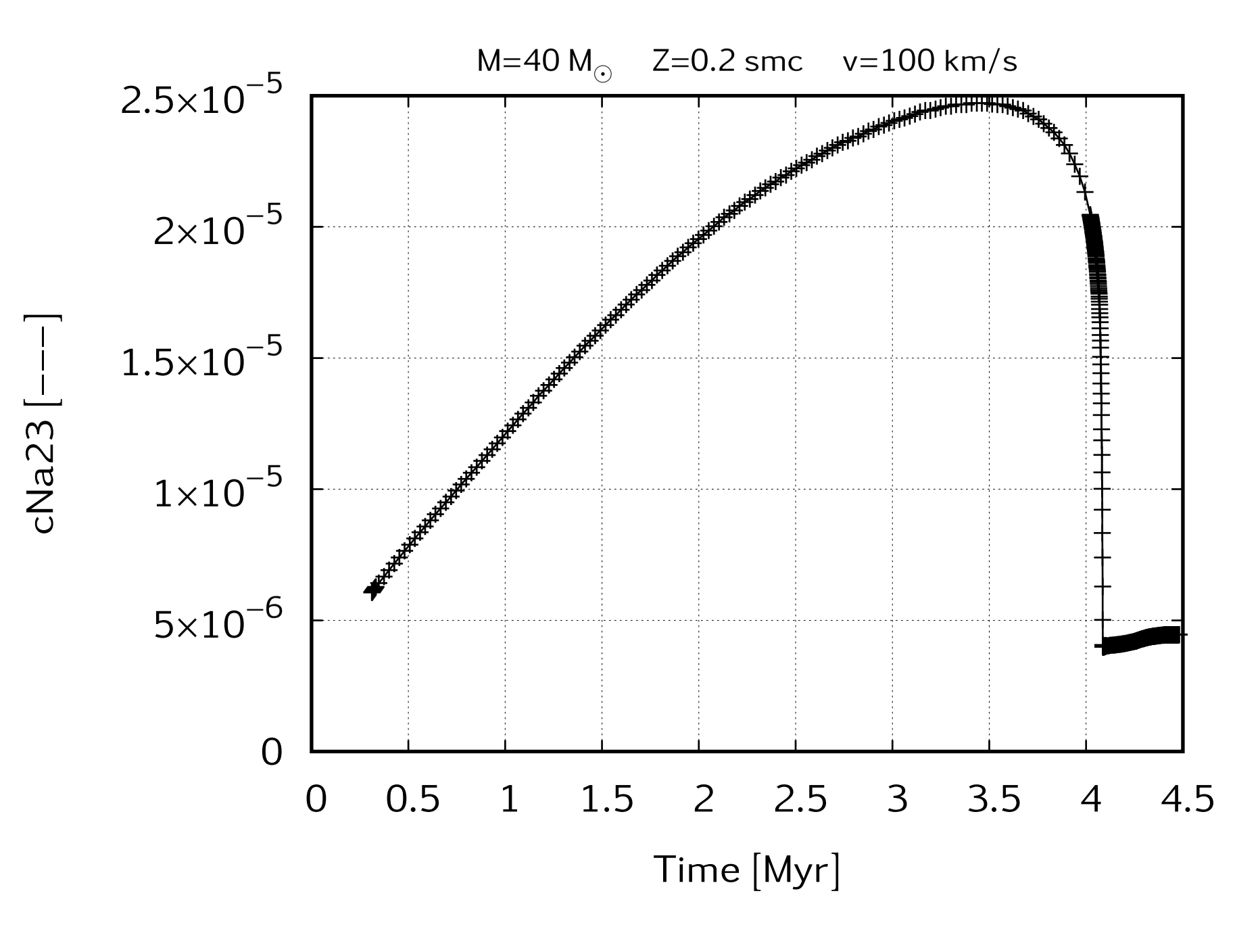

M=40 M⊙ Z=0.2 smc v=100 km/s
0.0003
0.00025
0.0002
0.00015
0.0001
5×10−5
0
cO18 [−−−]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

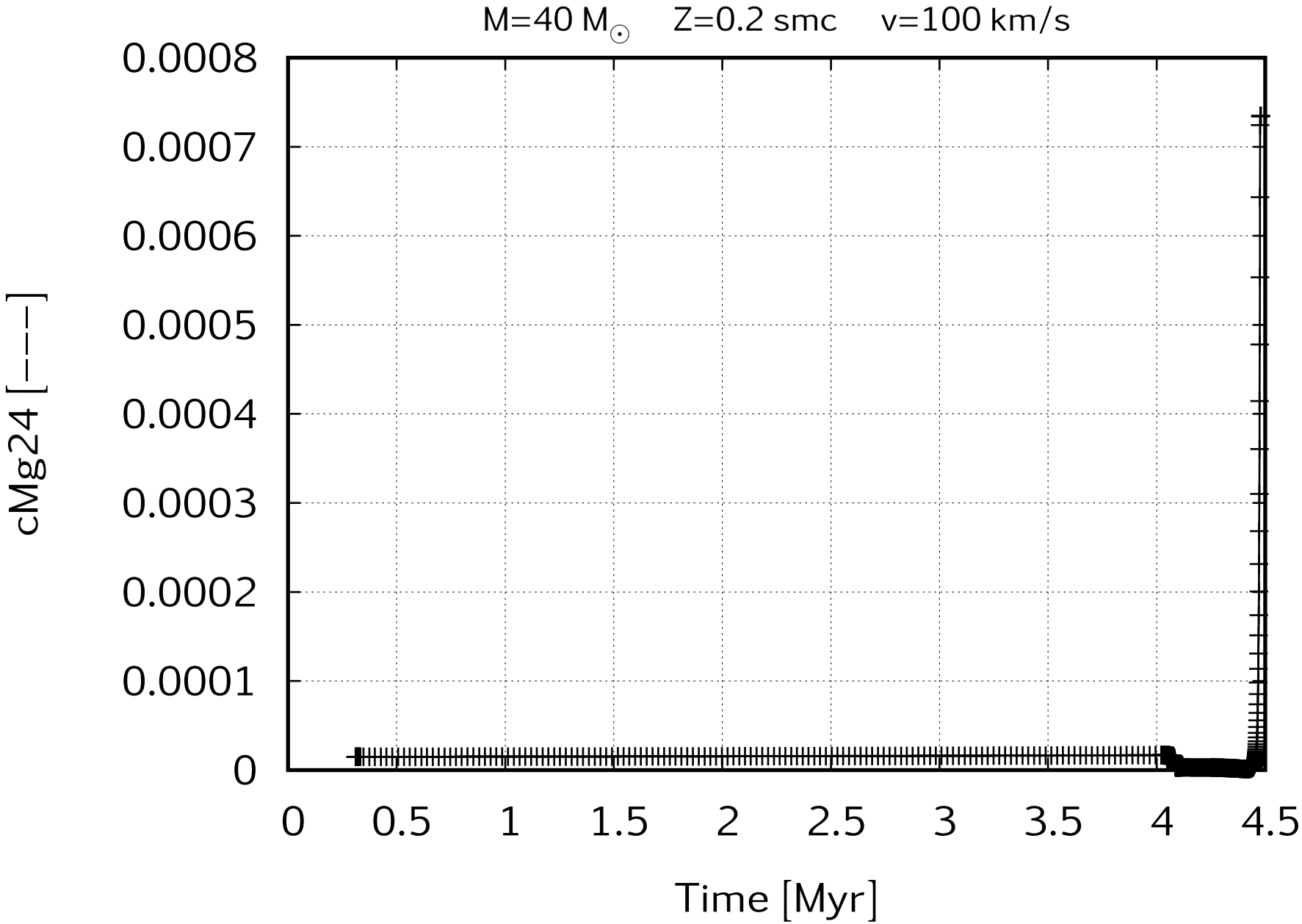

M=40 M⊙ Z=0.2 smc v=100 km/s
cF19 [---]
4.5×10−12
4×10−12
3.5×10−12
3×10−12
2.5×10−12
2×10−12
1.5×10−12
1×10−12
5×10−13
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

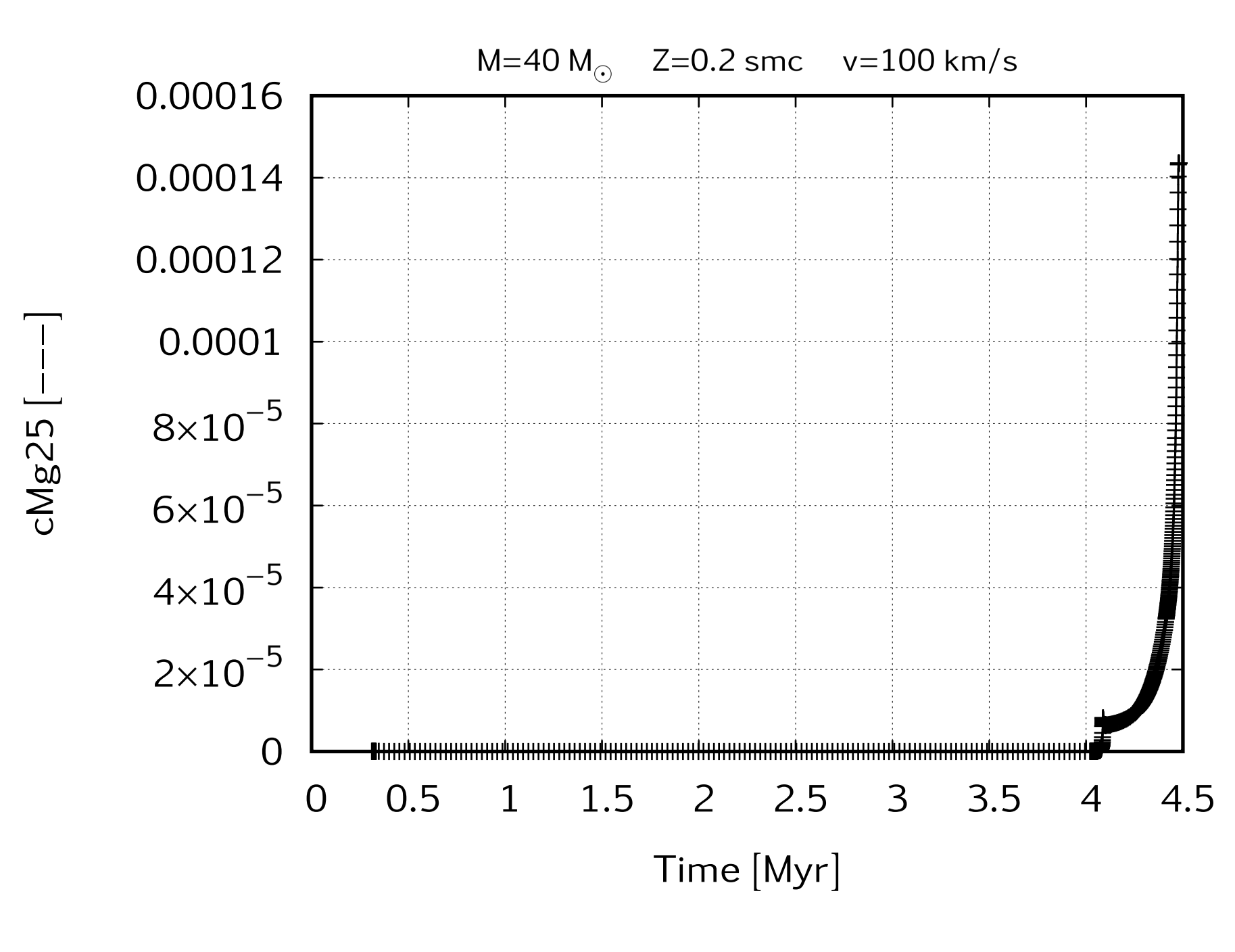

M=40 M⊙ Z=0.2 smc v=100 km/s
cNe20 [---]
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

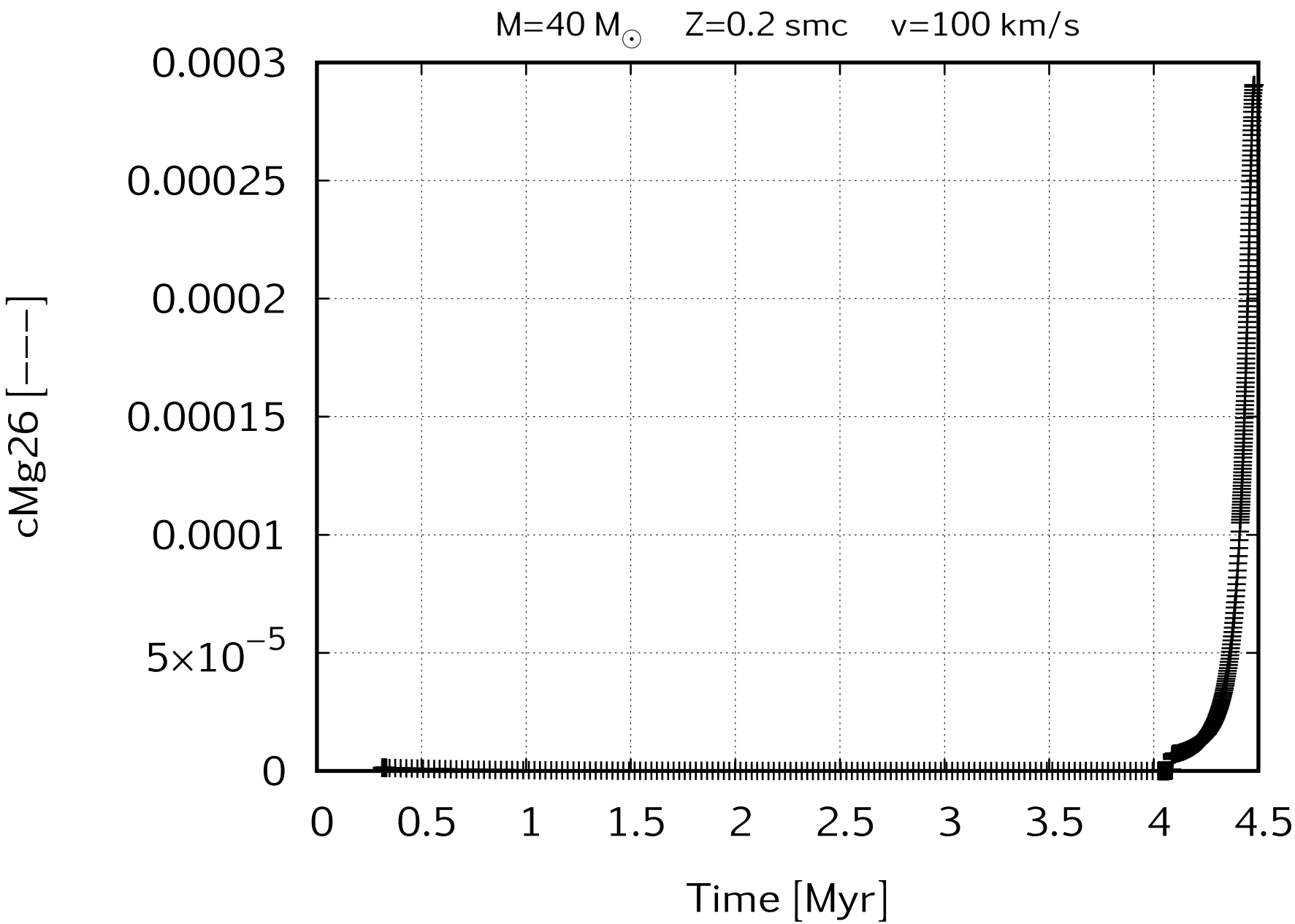

M=40 M⊙ Z=0.2 smc v=100 km/s
2.5×10−5
2×10−5
1.5×10−5
1×10−5
5×10−6
0
cNe21 [—]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

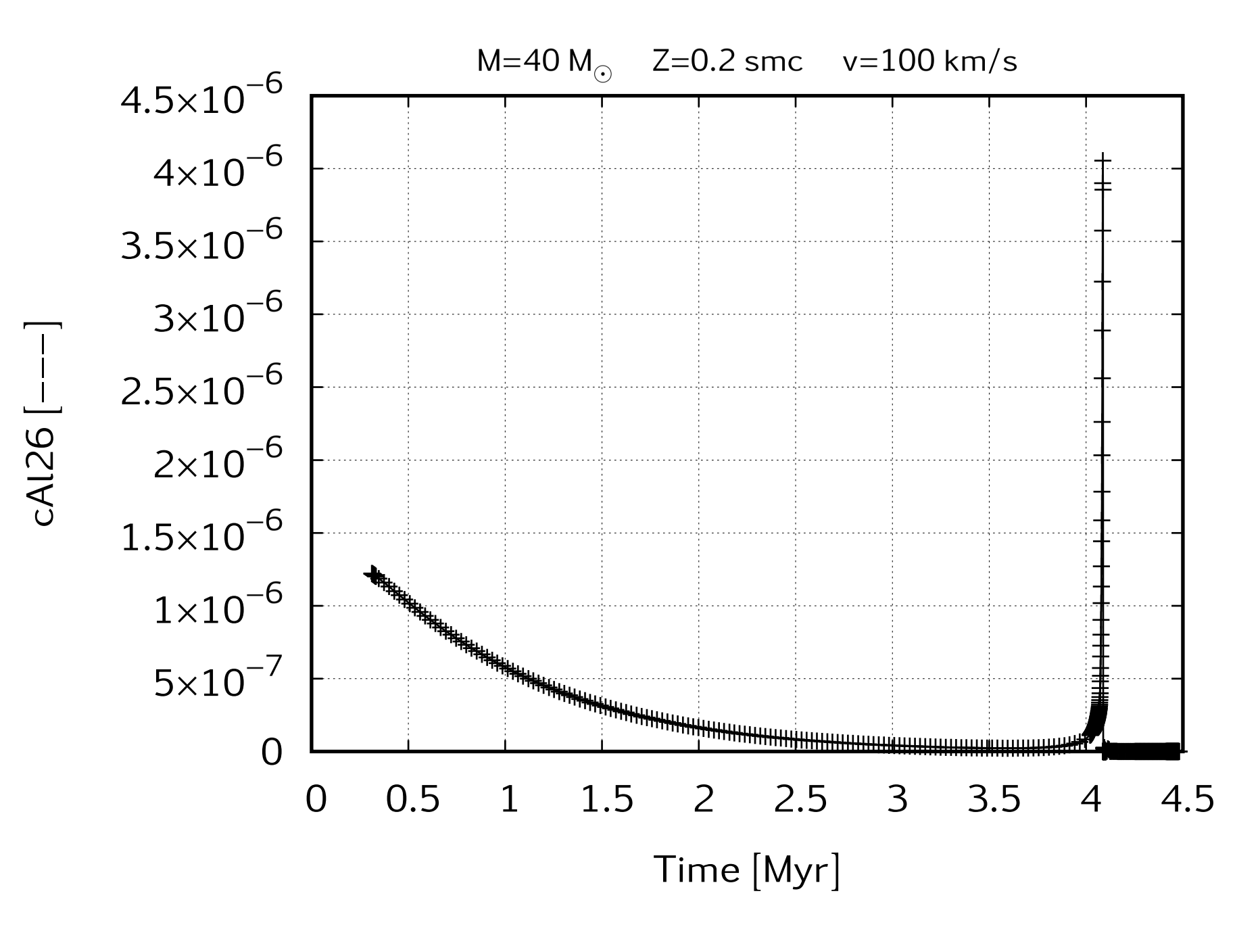

M=40 M⊙ Z=0.2 smc v=100 km/s
cNe22 [---]
0.0004
0.00035
0.0003
0.00025
0.0002
0.00015
0.0001
5×10−5
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

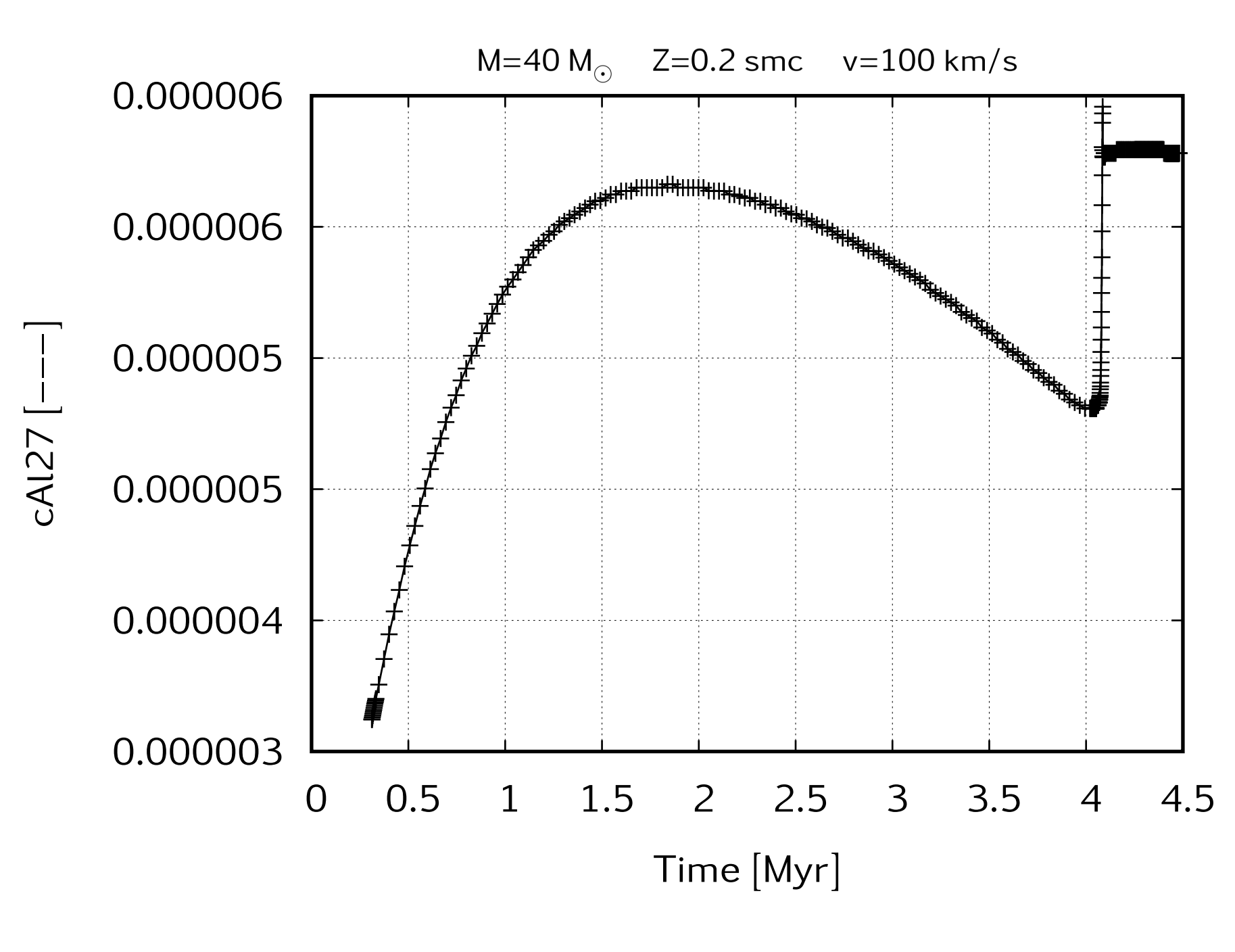

M=40 M⊙ Z=0.2 smc v=100 km/s
cNa23 [---]
2.5×10−5
2×10−5
1.5×10−5
1×10−5
5×10−6
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

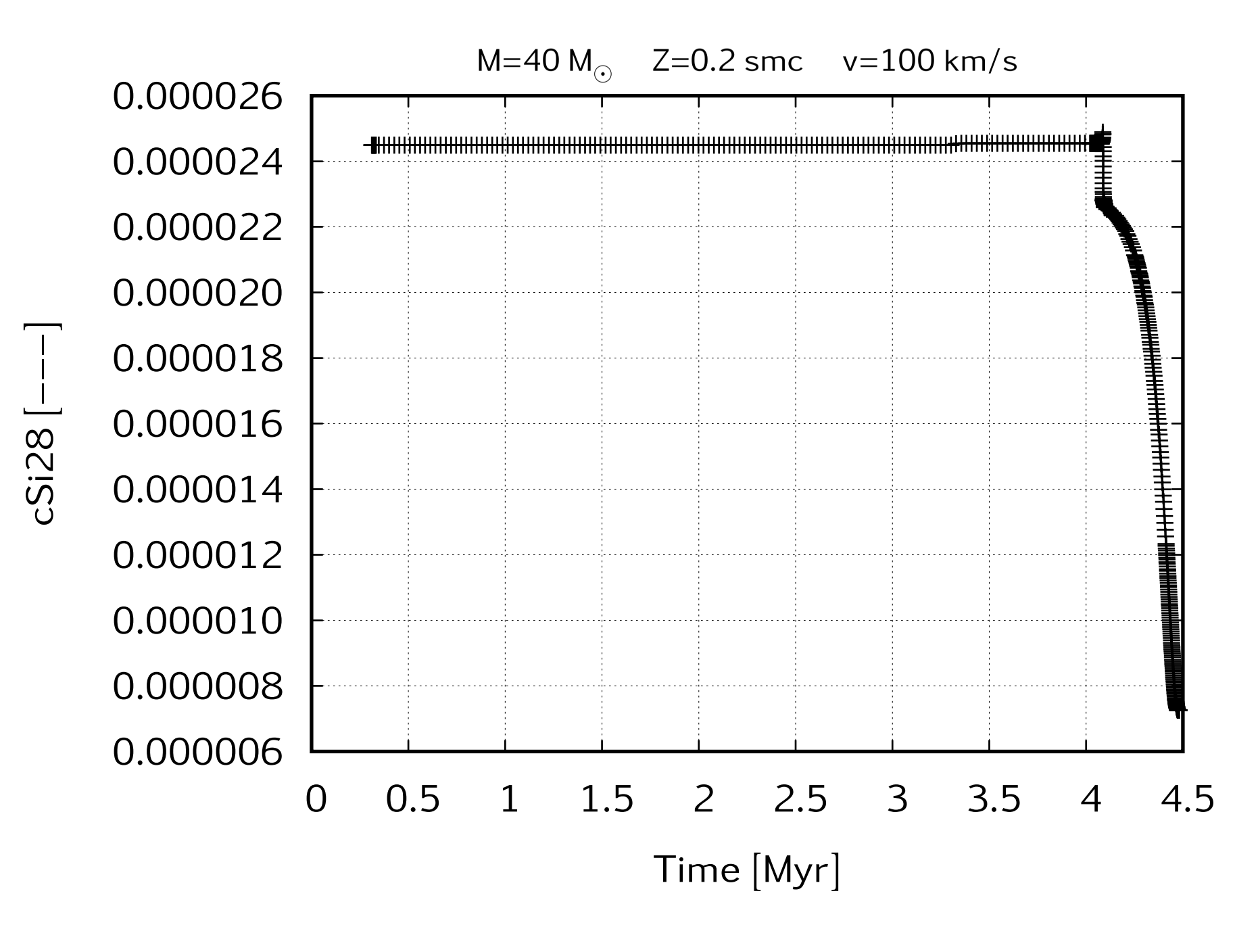

M=40 M⊙ Z=0.2 smc v=100 km/s
0.0008
0.0007
0.0006
0.0005
0.0004
0.0003
0.0002
0.0001
0
cMg24 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

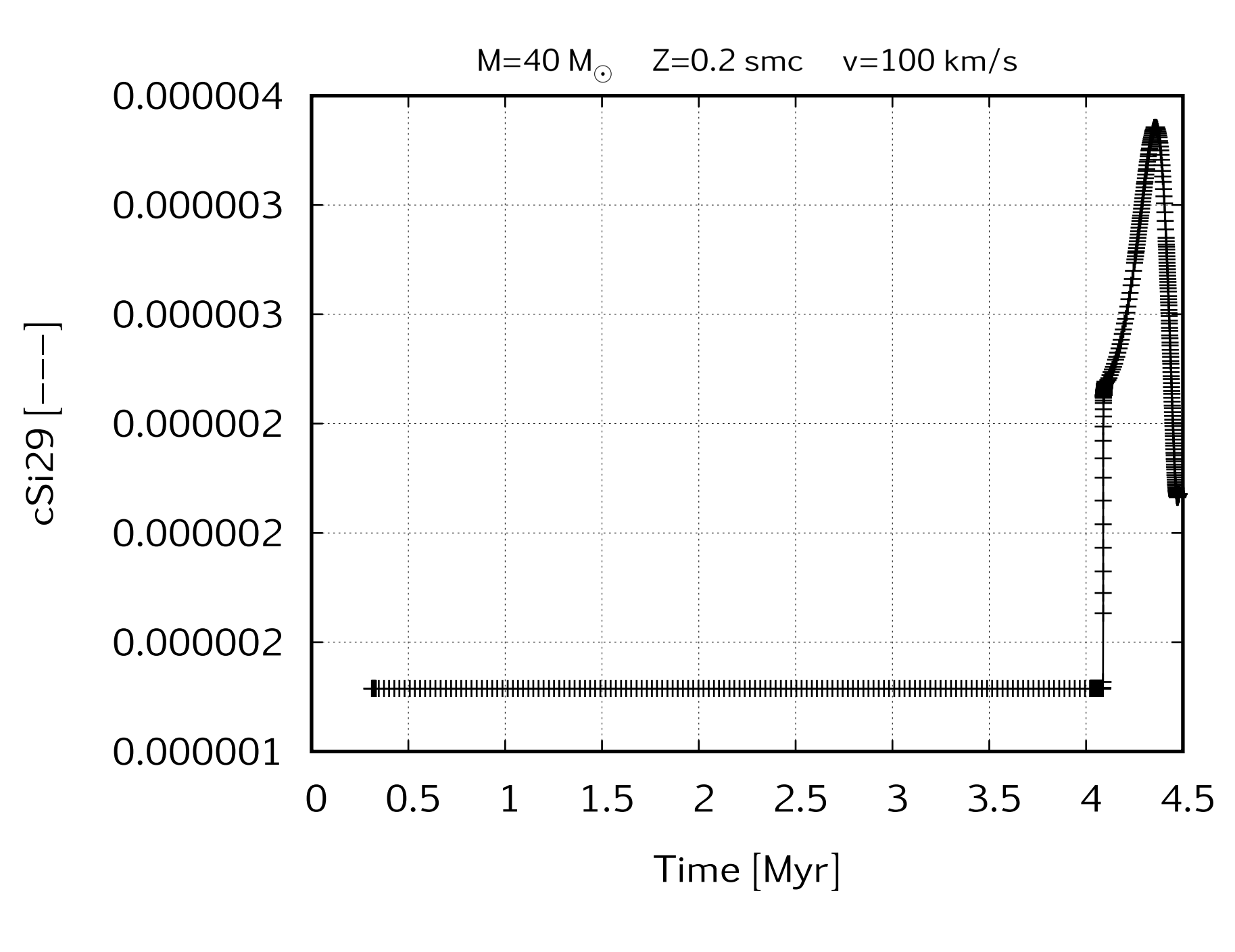

M=40 M⊙ Z=0.2 smc v=100 km/s
0.00016
0.00014
0.00012
0.0001
8×10−5
6×10−5
4×10−5
2×10−5
0
cMg25 [——]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

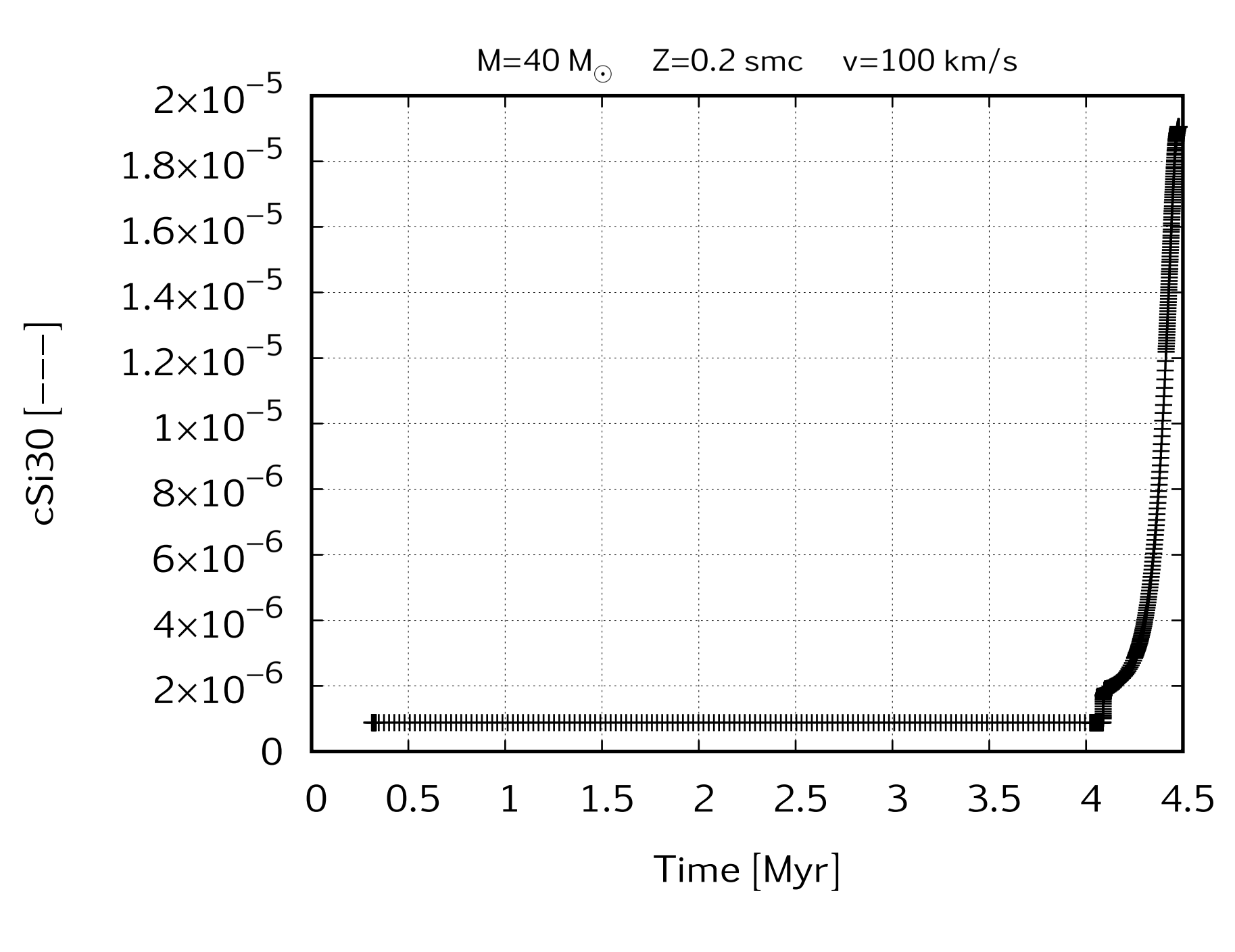

M=40 M⊙ Z=0.2 smc v=100 km/s
0.0003
0.00025
0.0002
0.00015
0.0001
5×10−5
0
cMg26 [−−−]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

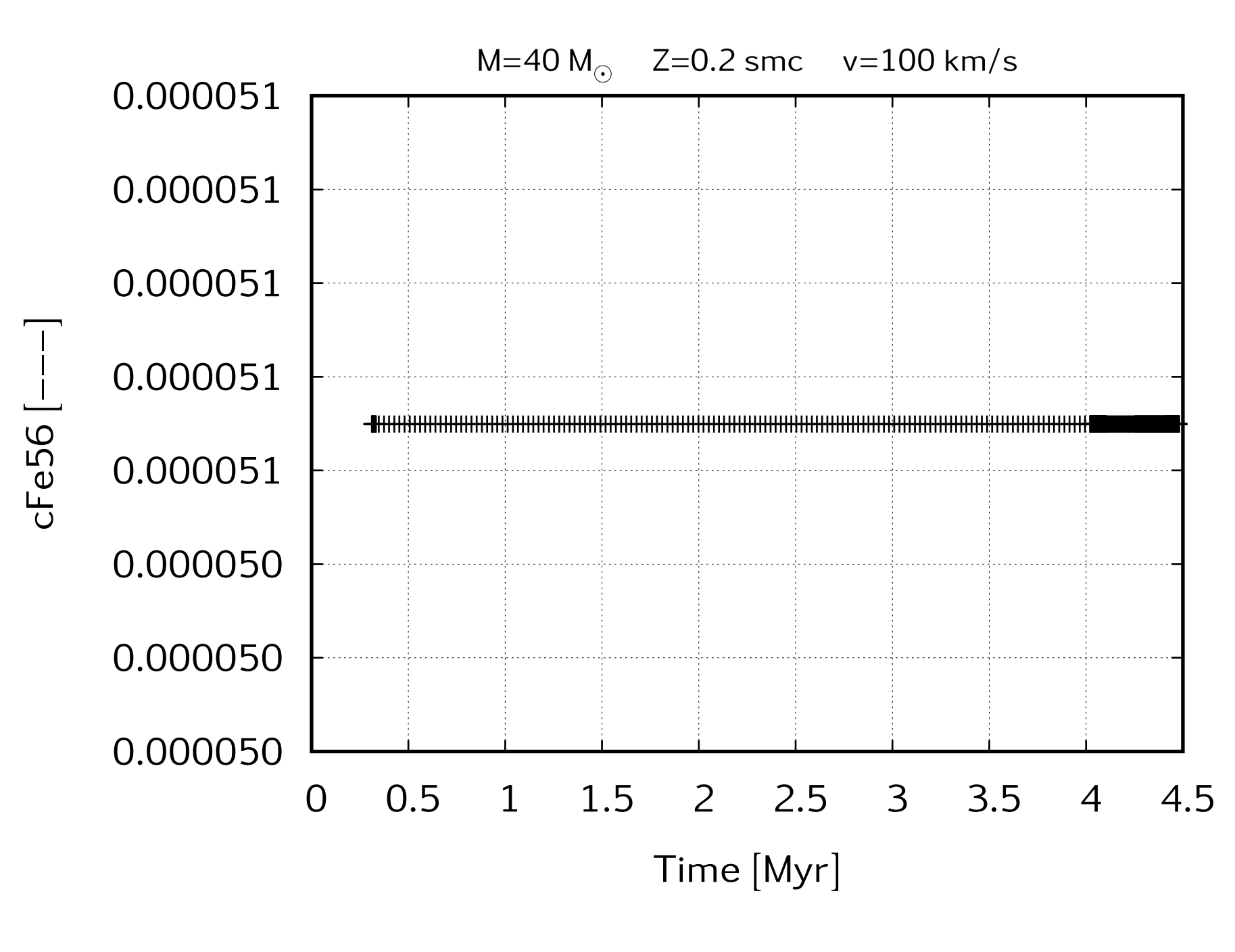

M=40 M⊙ Z=0.2 smc v=100 km/s
cAl26 [---]
4.5×10−6
4×10−6
3.5×10−6
3×10−6
2.5×10−6
2×10−6
1.5×10−6
1×10−6
5×10−7
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

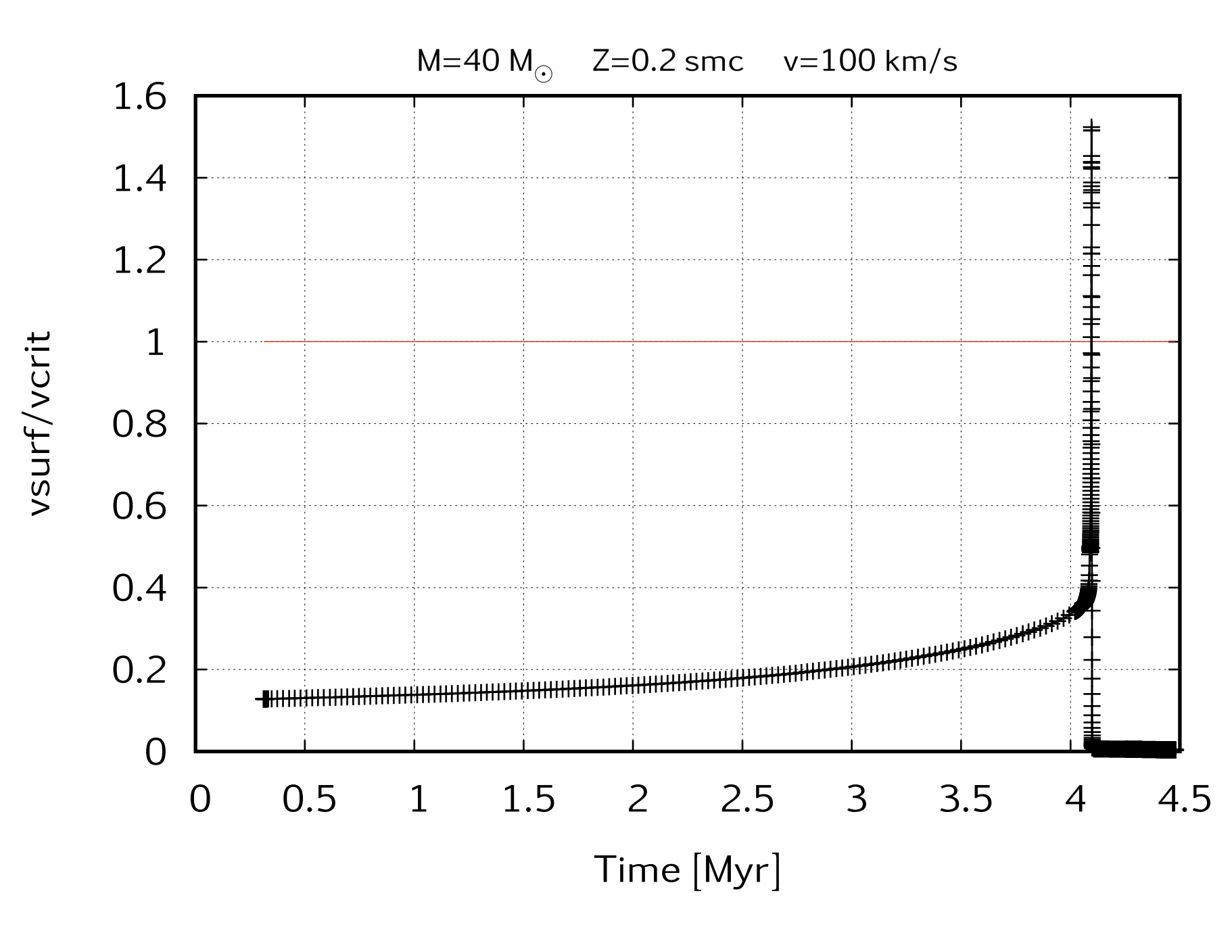

M=40 M⊙ Z=0.2 smc v=100 km/s
0.000006
0.000006
0.000005
0.000005
0.000004
0.000003
cAl27 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

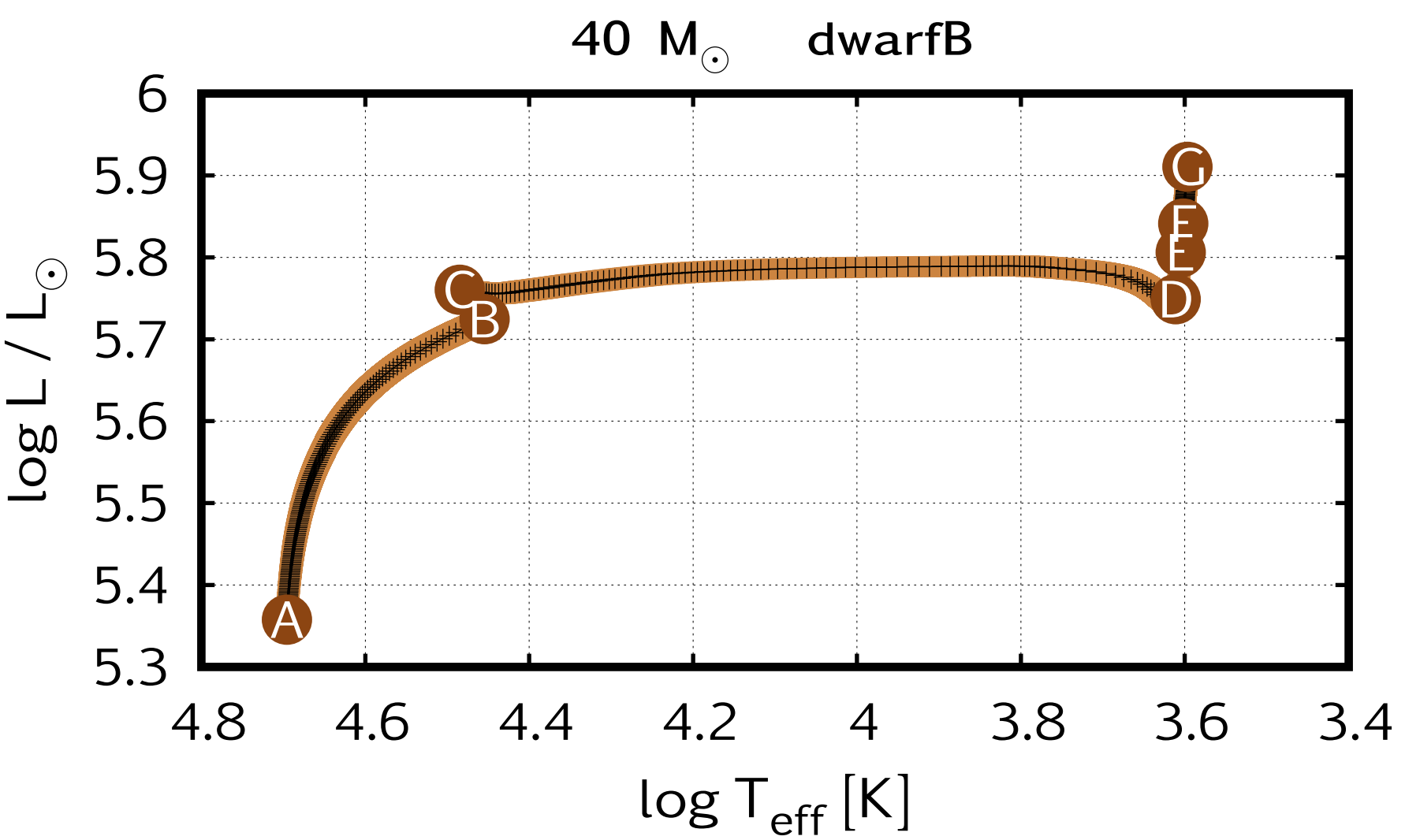

M=40 M⊙ Z=0.2 smc v=100 km/s
0.000026
0.000024
0.000022
0.000020
0.000018
0.000016
0.000014
0.000012
0.000010
0.000008
0.000006
cSi28 [——]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

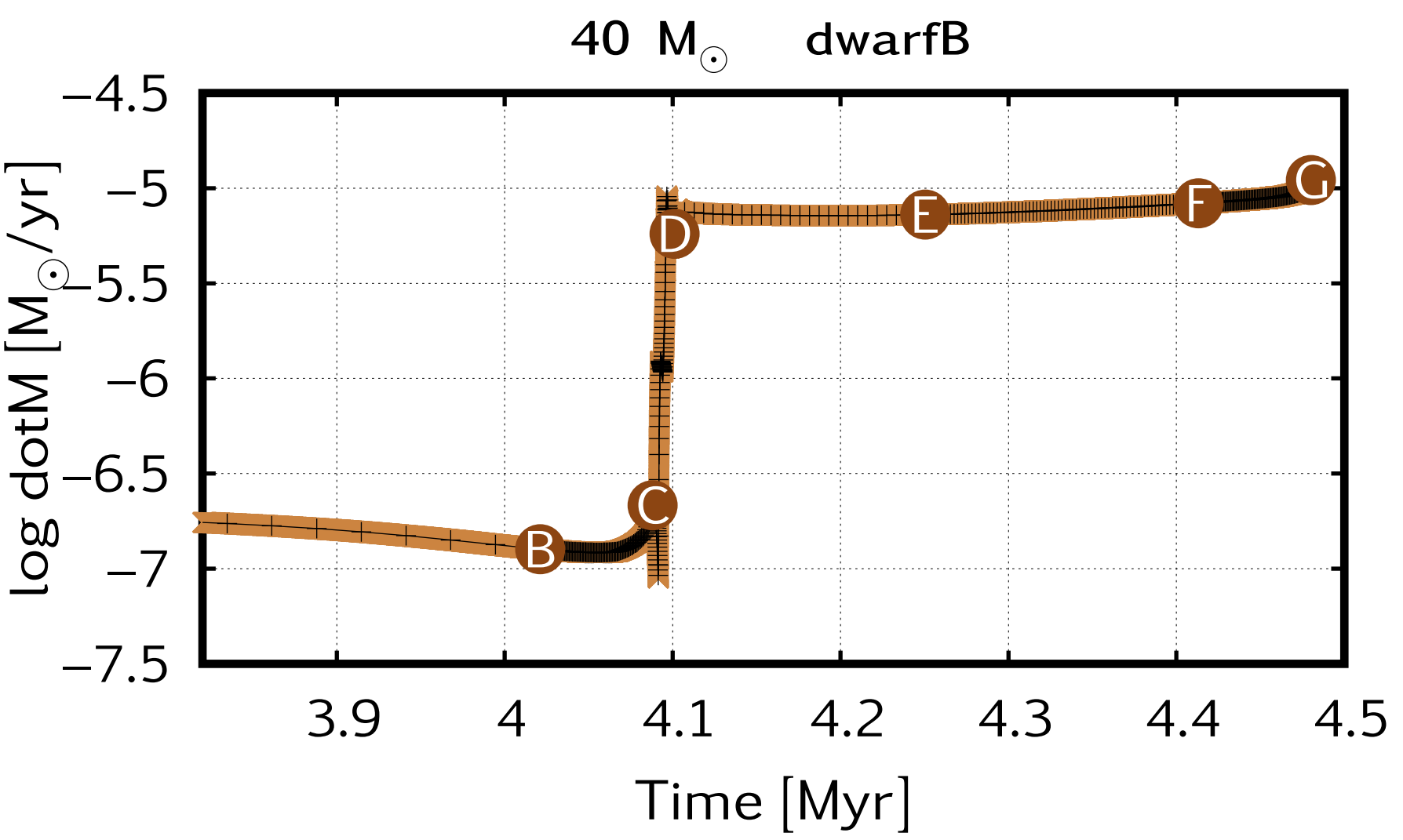

M=40 M⊙ Z=0.2 smc v=100 km/s
0.000004
0.000003
0.000003
0.000002
0.000002
0.000002
0.000001
cSi29 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]

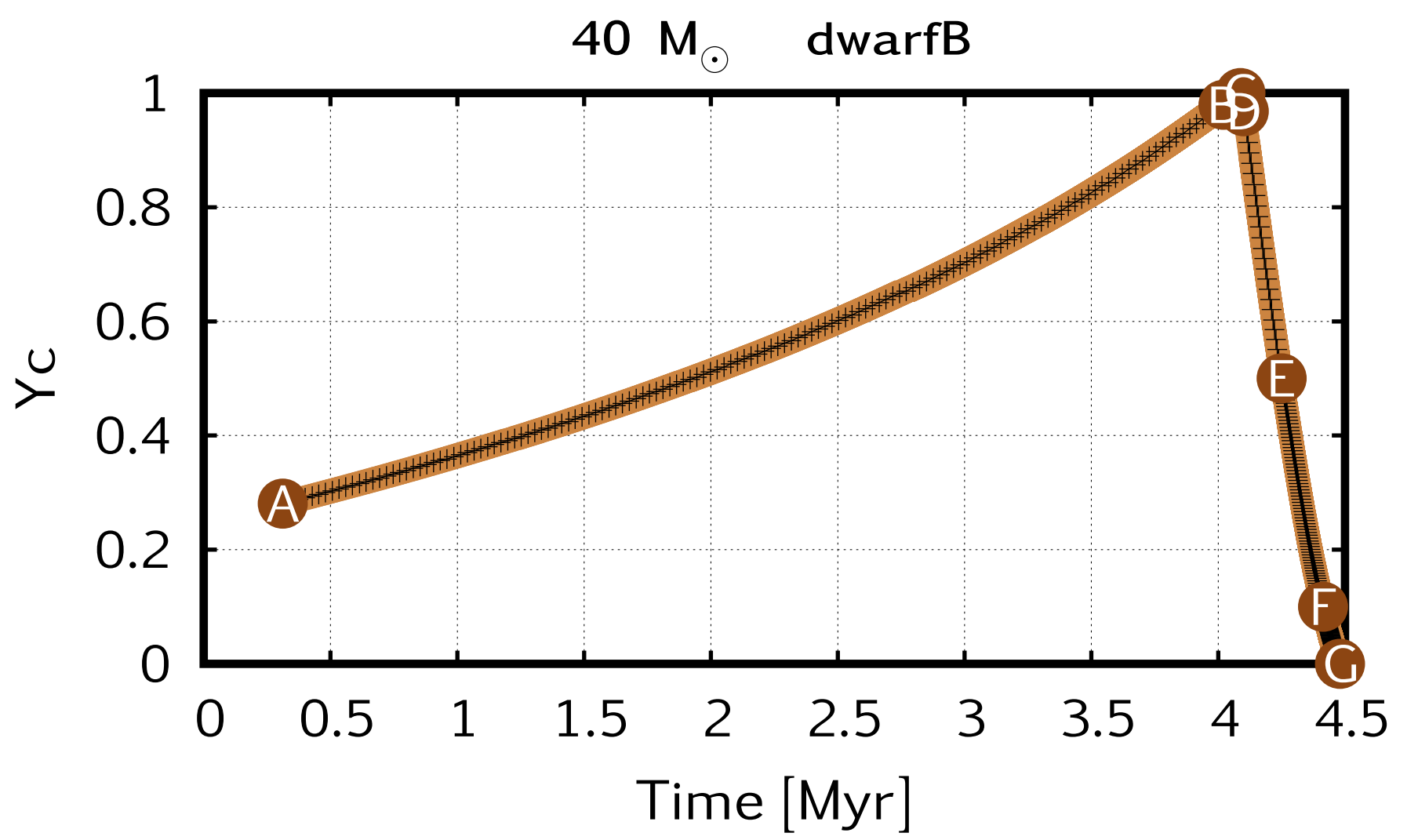

M=40 M⊙ Z=0.2 smc v=100 km/s
cSi30 [---]
2×10−5
1.8×10−5
1.6×10−5
1.4×10−5
1.2×10−5
1×10−5
8×10−6
6×10−6
4×10−6
2×10−6
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

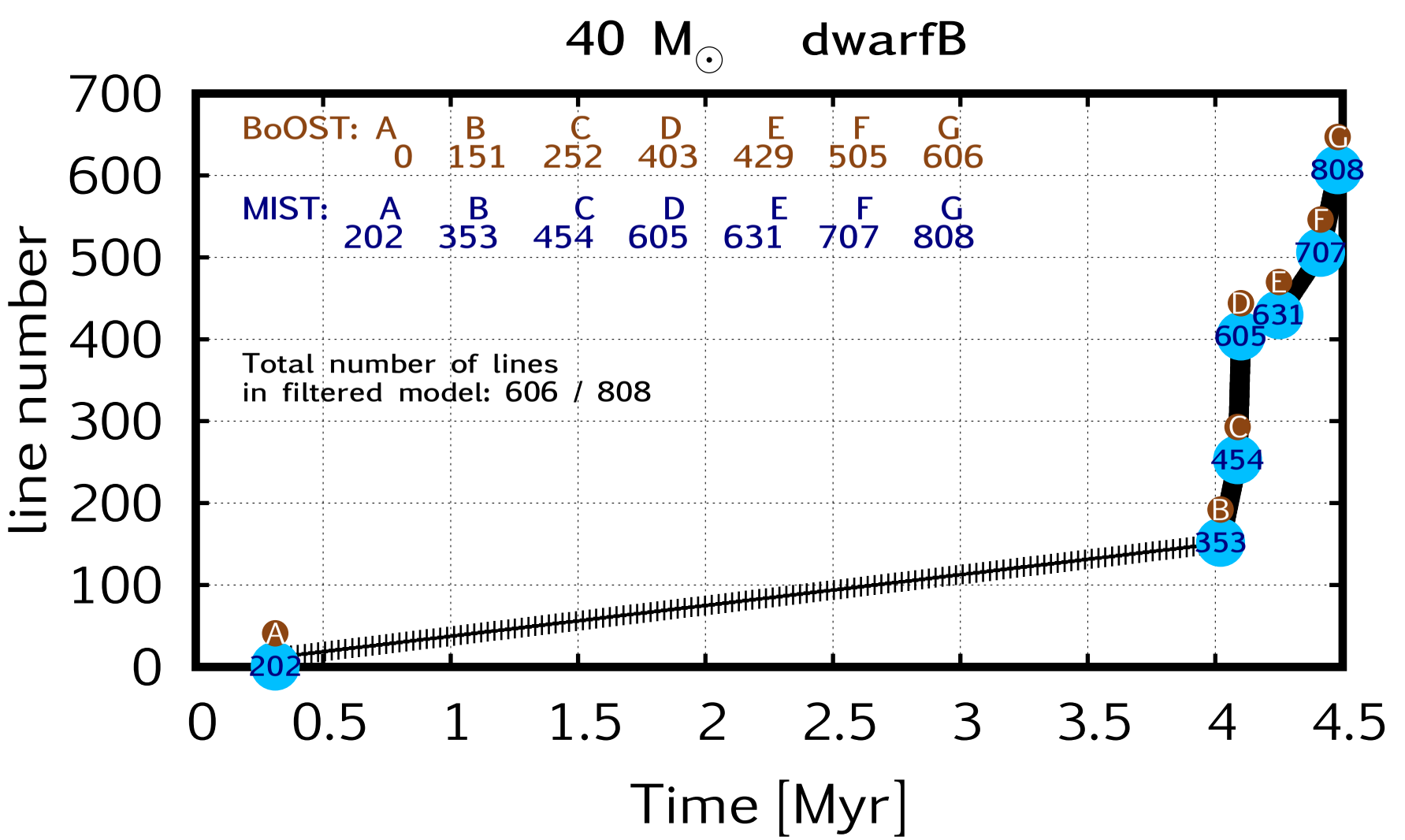

M=40 M⊙ Z=0.2 smc v=100 km/s
0.000051
0.000051
0.000051
0.000051
0.000051
0.000050
0.000050
0.000050
cFe56 [---]
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Time [Myr]


M=40 M⊙ Z=0.2 smc v=100 km/s
vsurf/vcrit
Time [Myr]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5


40 M⊙ dwarfB
log L / L⊙
log T_eff [K]
6
5.9
5.8
5.7
5.6
5.5
5.4
5.3
4.8
4.6
4.4
4.2
4
3.8
3.6
3.4
A
B
C
D
E
F
G


40 M⊙ dwarfB
log dotM [M⊙/yr]
−4.5
−5
−5.5
−6
−6.5
−7
−7.5
3.9
4
4.1
4.2
4.3
4.4
4.5
Time [Myr]
B
C
D
E
F
G


40 M⊙ dwarfB
Yc
Time [Myr]
0
0.2
0.4
0.6
0.8
1
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
A
B
C
D
E
F
G


40 M⊙ dwarfB
BoOST: A B C D E F G
0 151 252 403 429 505 606
MIST: A B C D E F G
202 353 454 605 631 707 808
Total number of lines
in filtered model: 606 / 808
A
202
B
353
C
454
D
605
E
631
F
707
G
808
line number
Time [Myr]
0
100
200
300
400
500
600
700
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5