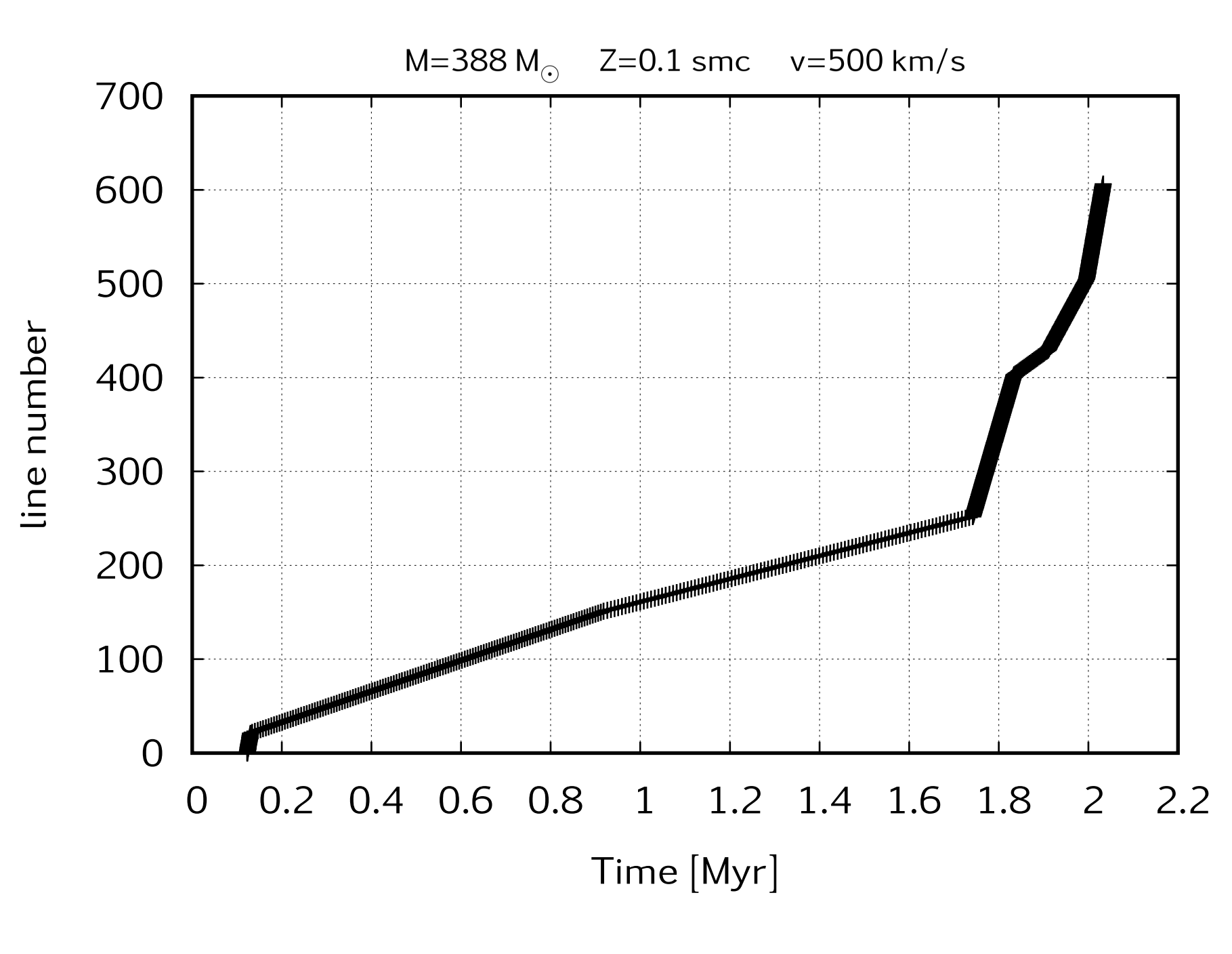
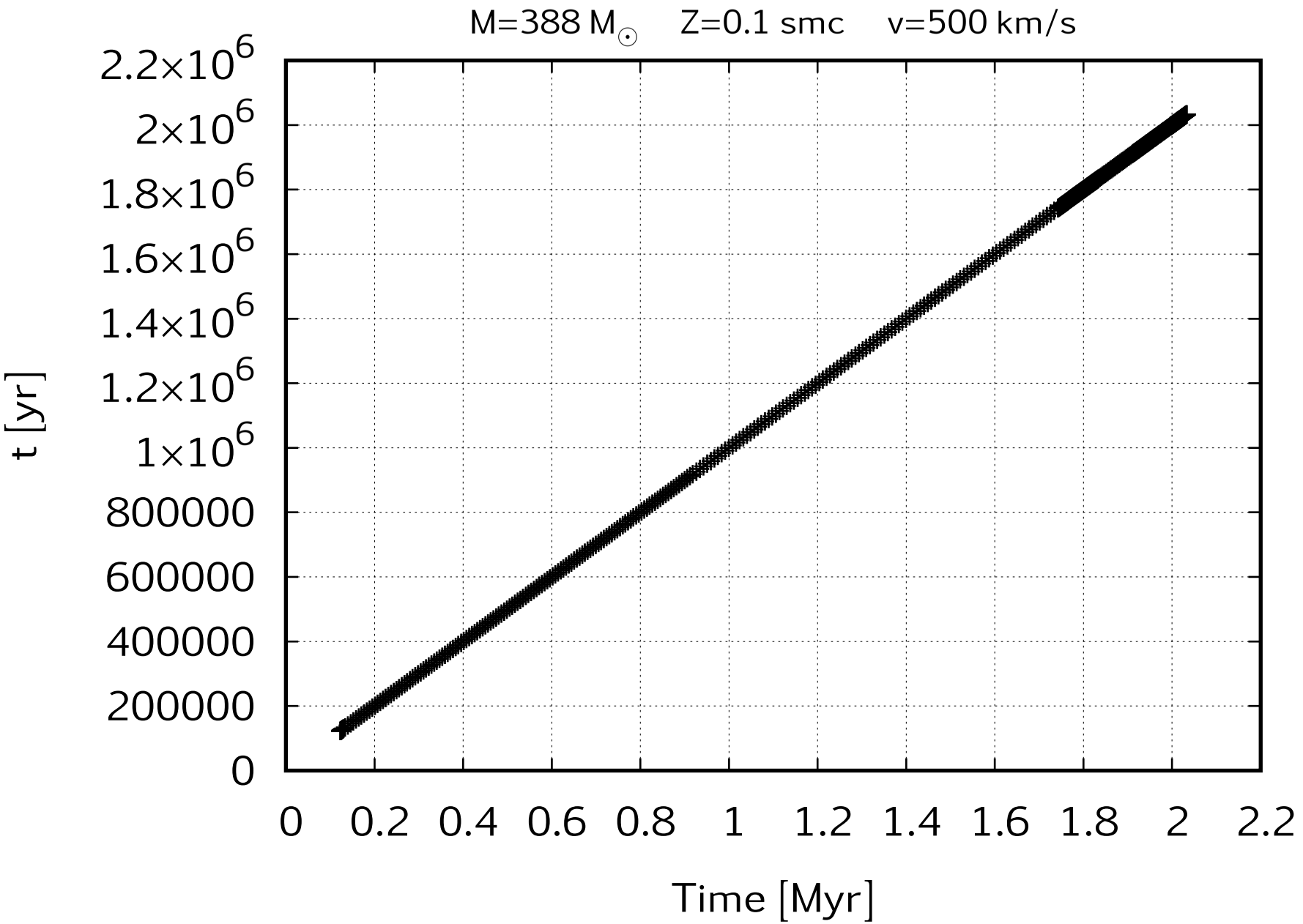
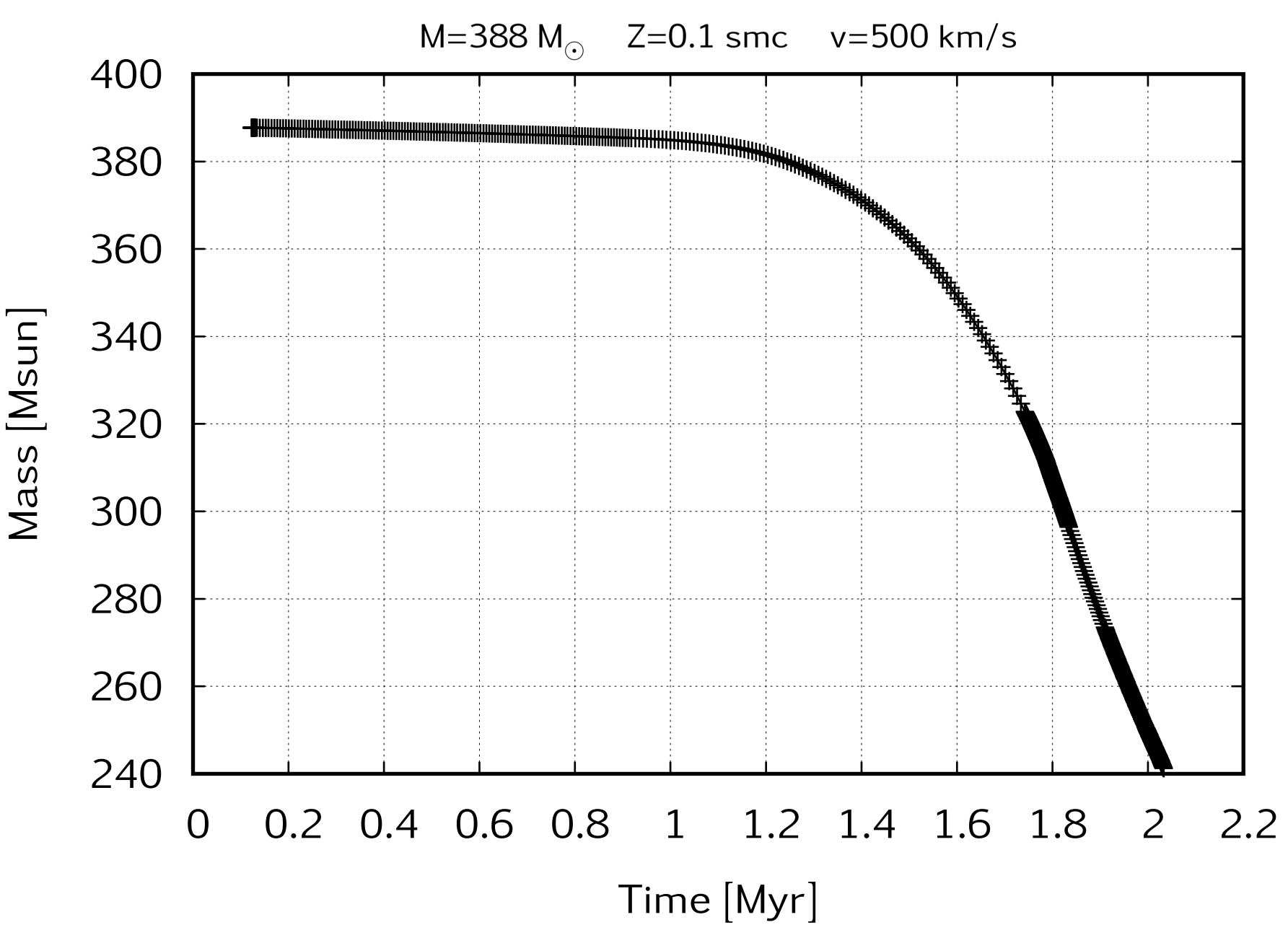
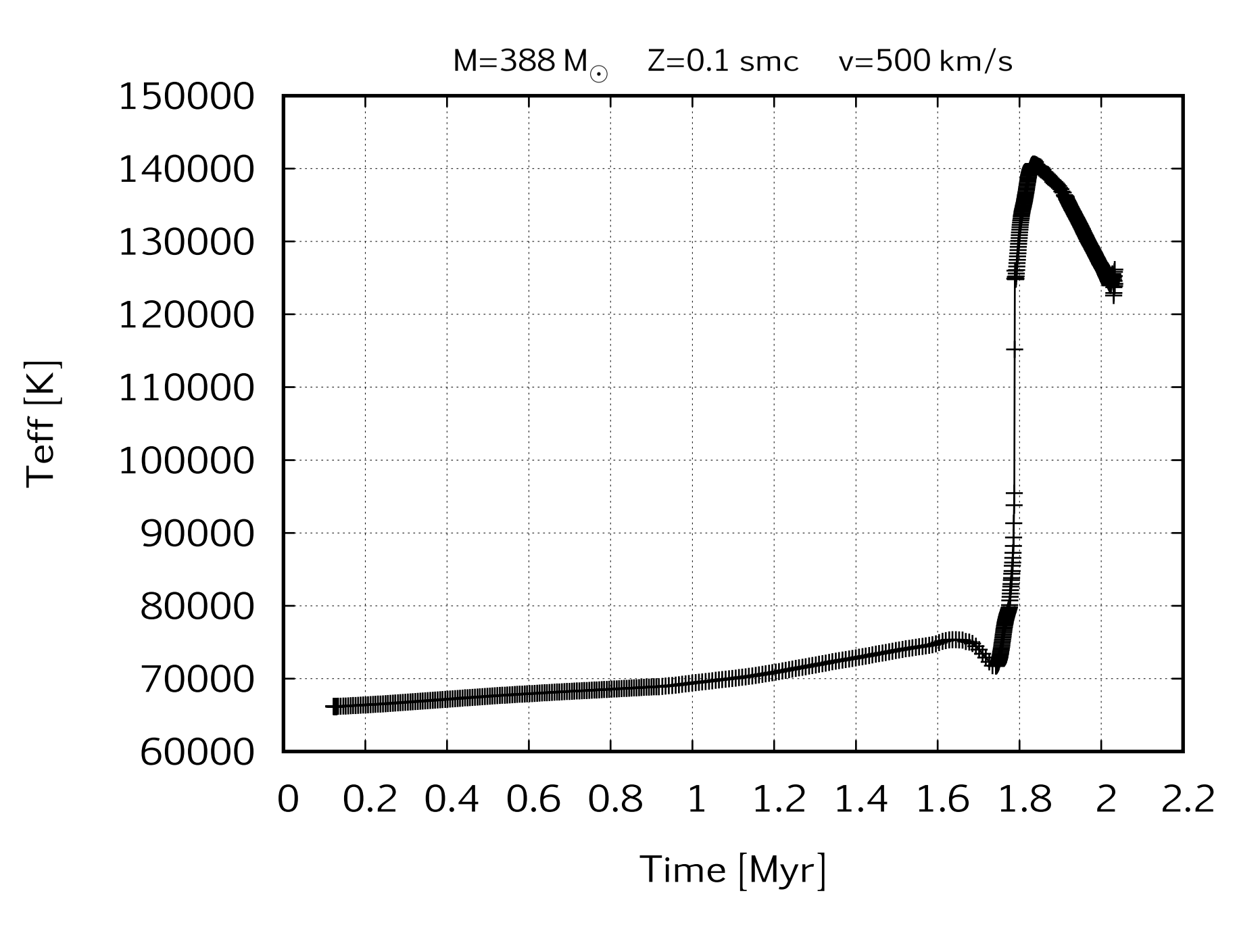
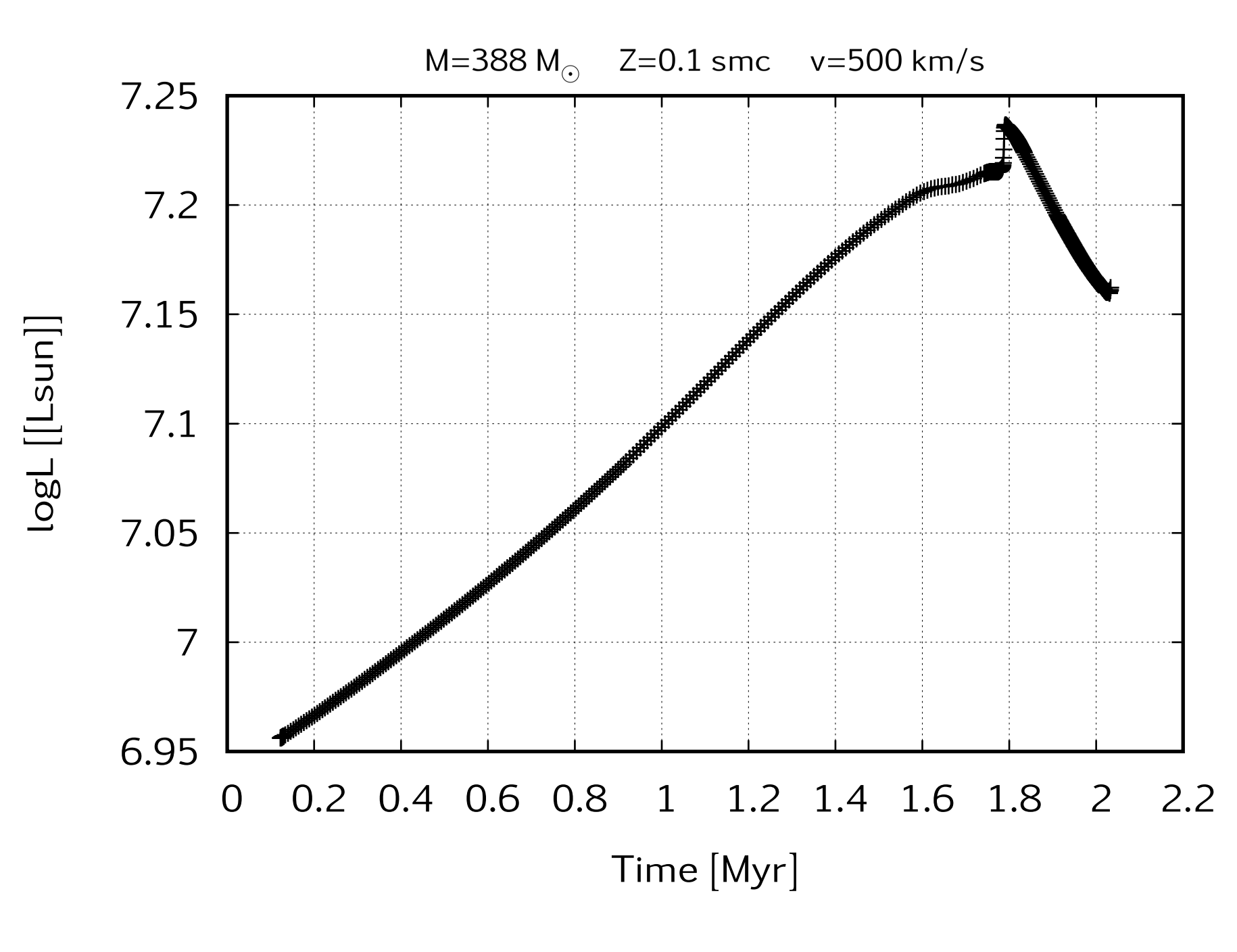
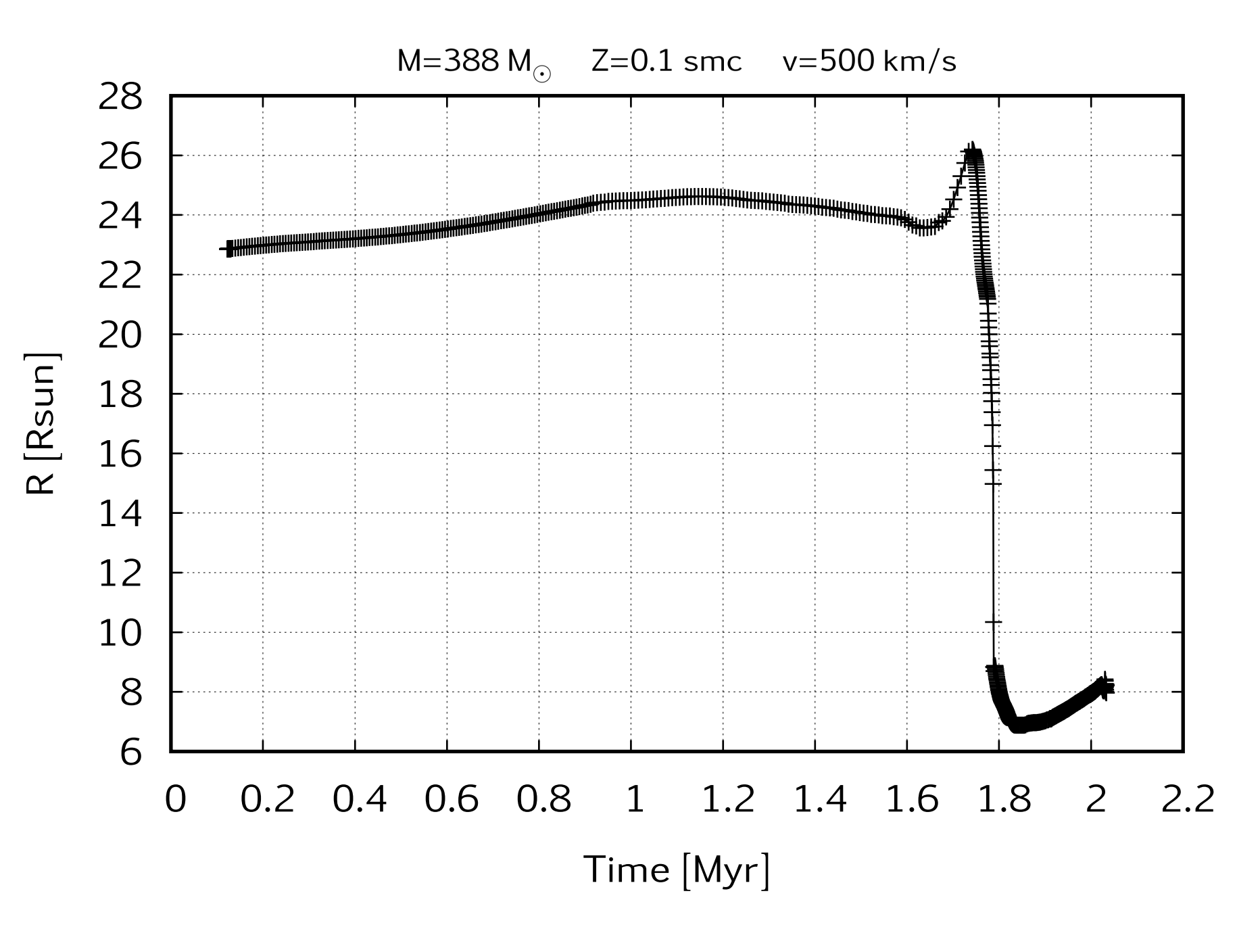

M=388 M⊙ Z=0.1 smc v=500 km/s
line number
Time [Myr]
0
100
200
300
400
500
600
700
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2

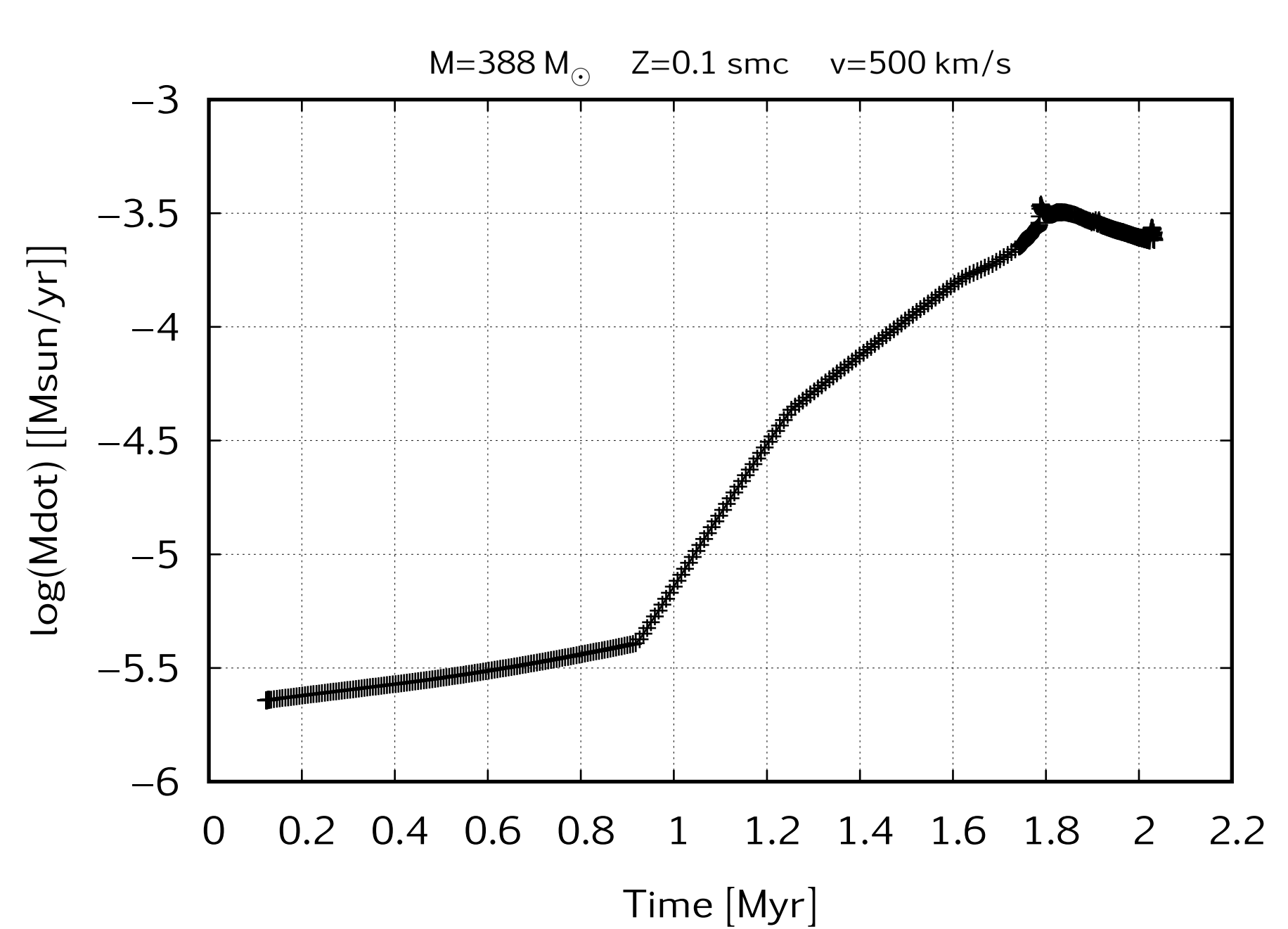

M=388 M⊙ Z=0.1 smc v=500 km/s
t [yr]
2.2×10^6
2×10^6
1.8×10^6
1.6×10^6
1.4×10^6
1.2×10^6
1×10^6
800000
600000
400000
200000
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

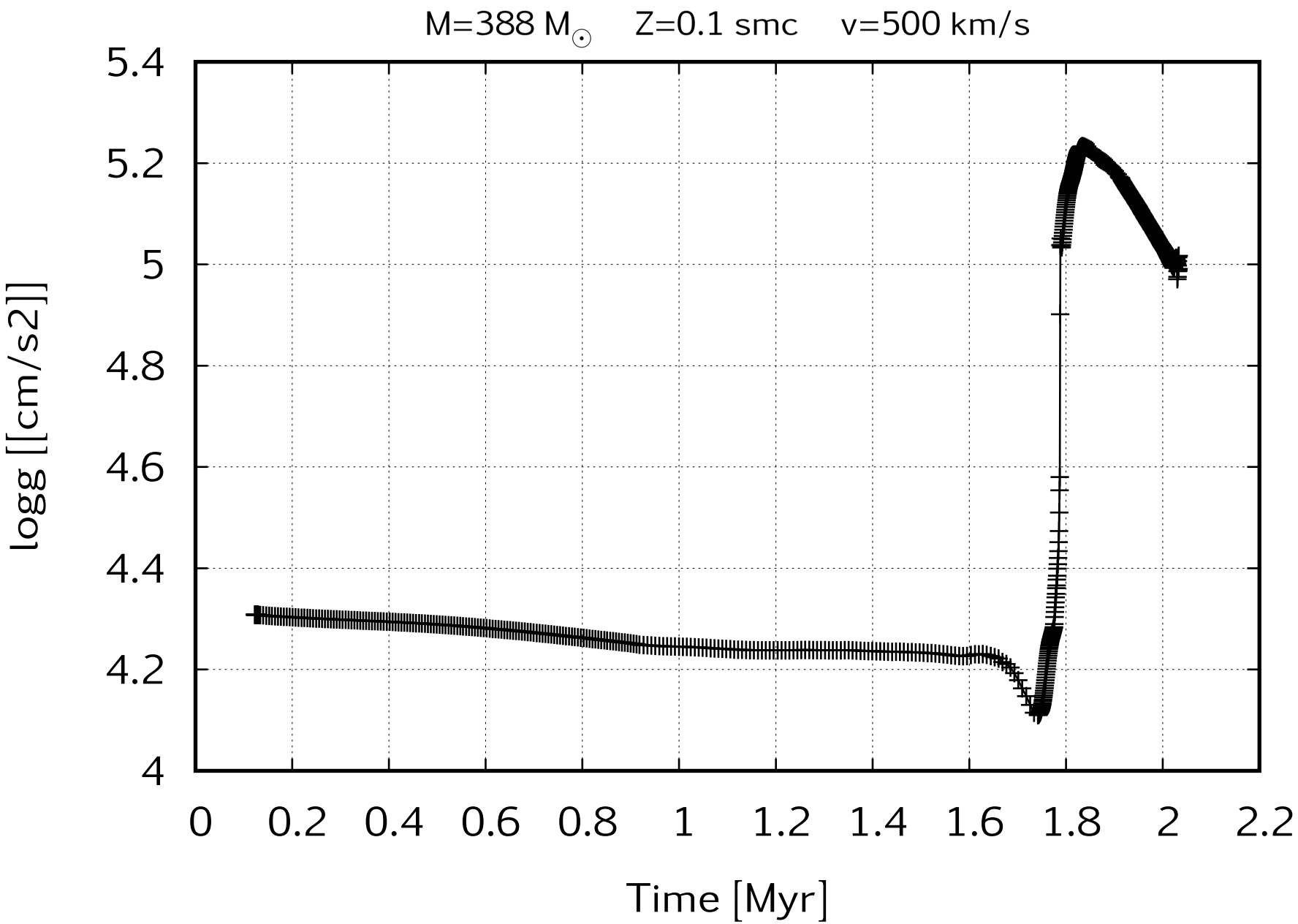

M=388 M⊙ Z=0.1 smc v=500 km/s
Mass [Msun]
Time [Myr]
400
380
360
340
320
300
280
260
240
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2

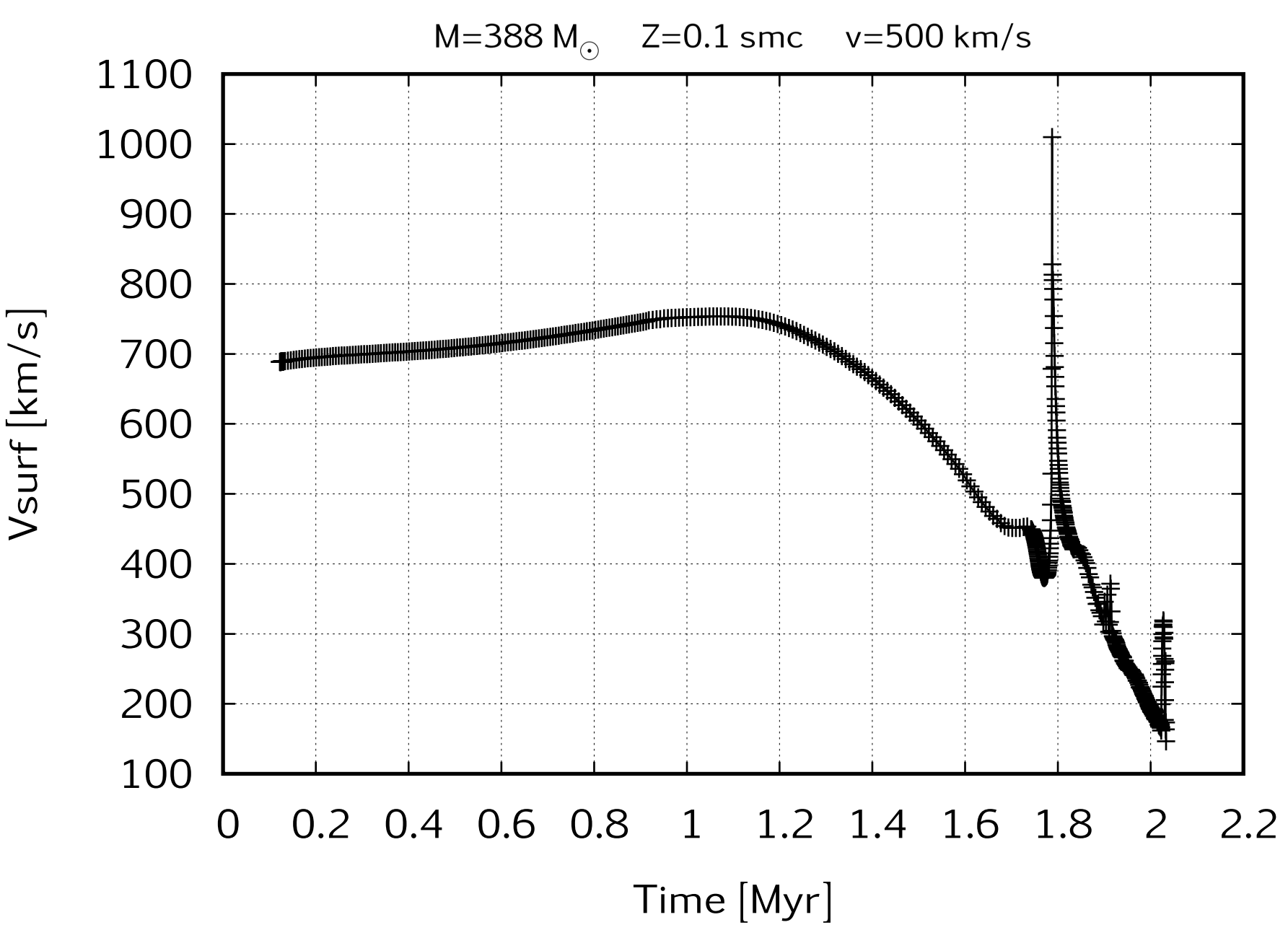

M=388 M⊙ Z=0.1 smc v=500 km/s
150000
140000
130000
120000
110000
100000
90000
80000
70000
60000
Teff [K]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

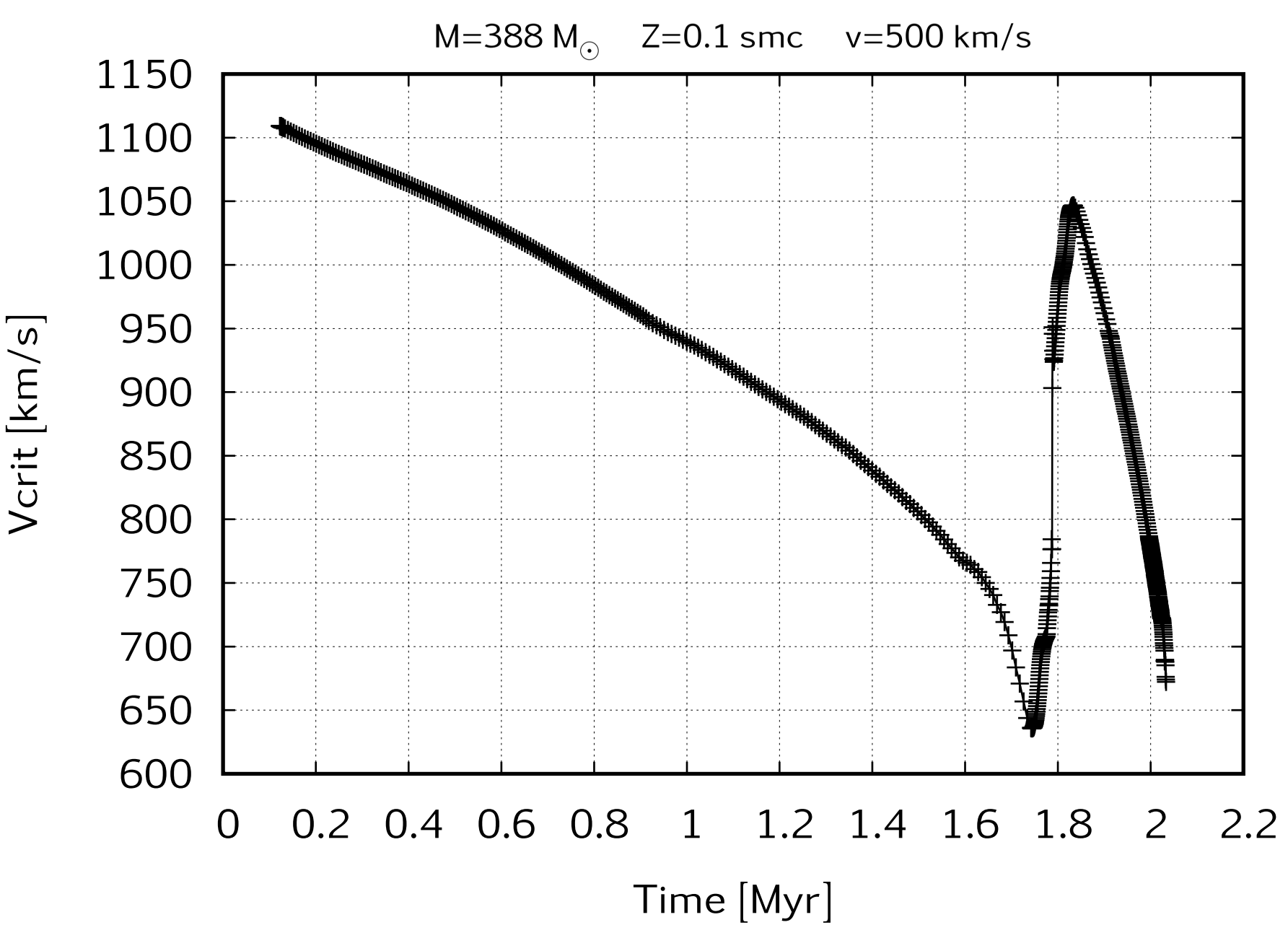

M=388 M⊙ Z=0.1 smc v=500 km/s
logL [[Lsun]]
7.25
7.2
7.15
7.1
7.05
7
6.95
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

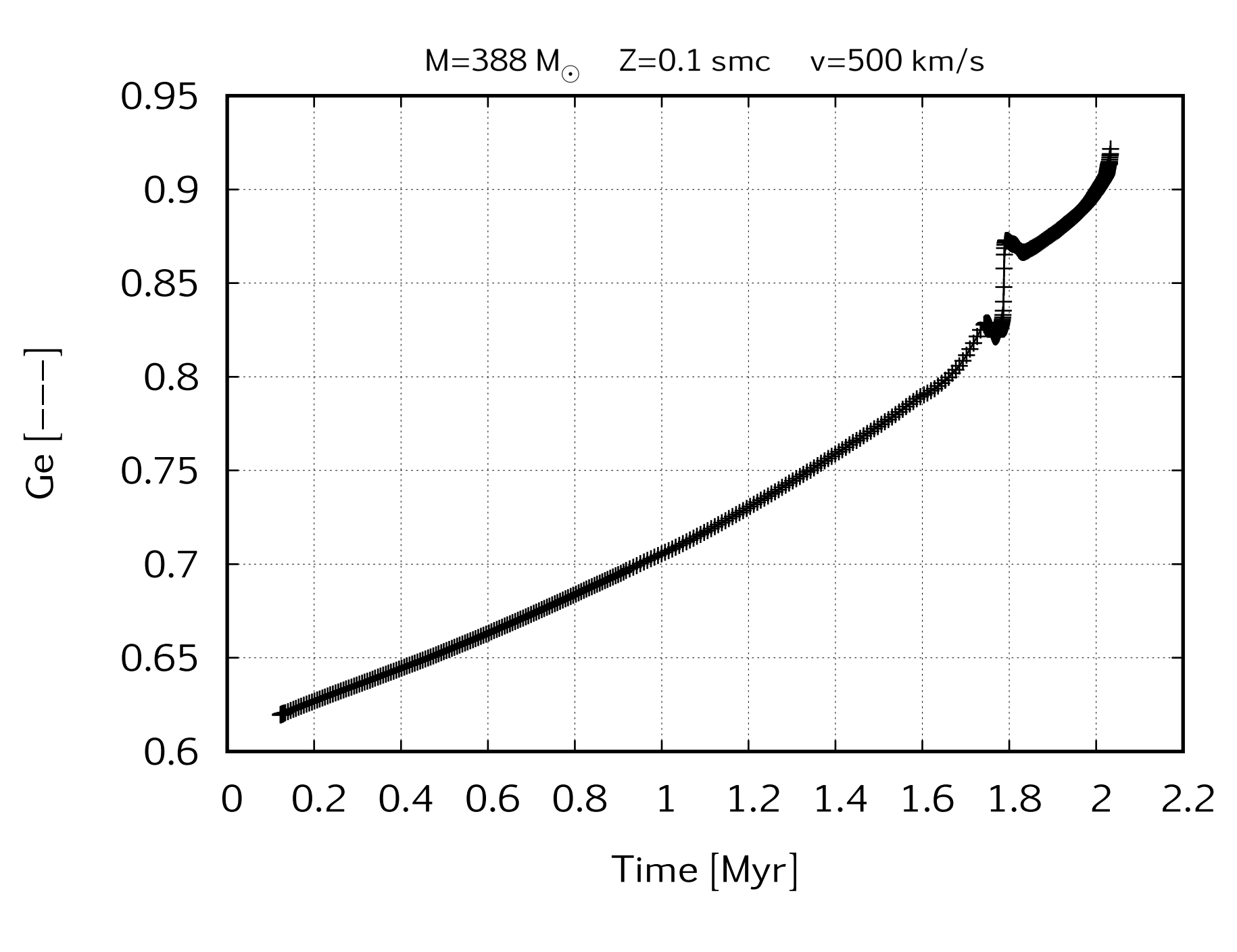

M=388 M⊙ Z=0.1 smc v=500 km/s
R [Rsun]
Time [Myr]
28
26
24
22
20
18
16
14
12
10
8
6
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2

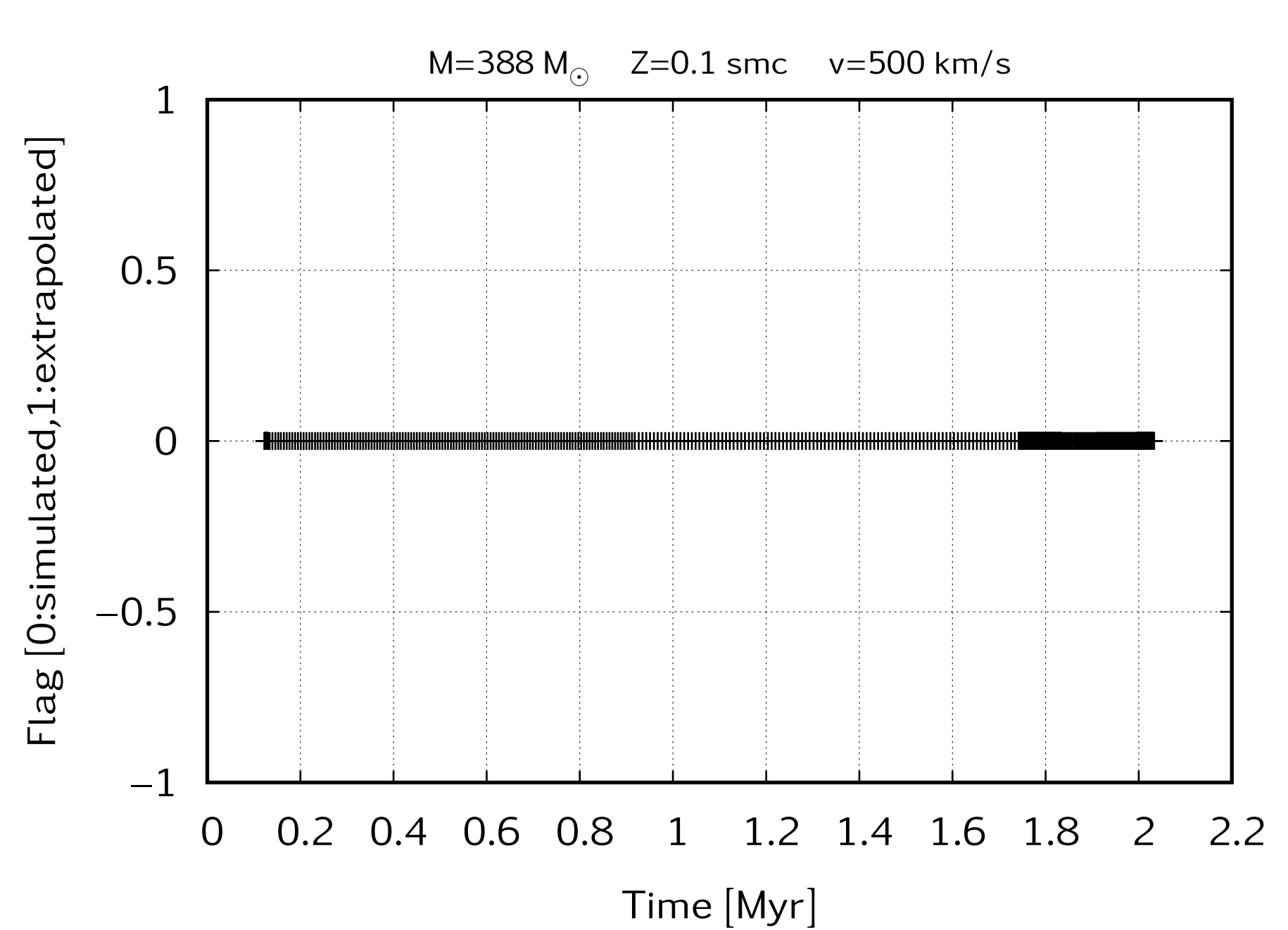

M=388 M⊙ Z=0.1 smc v=500 km/s
log(Mdot) [[Msun/yr]]
−3
−3.5
−4
−4.5
−5
−5.5
−6
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

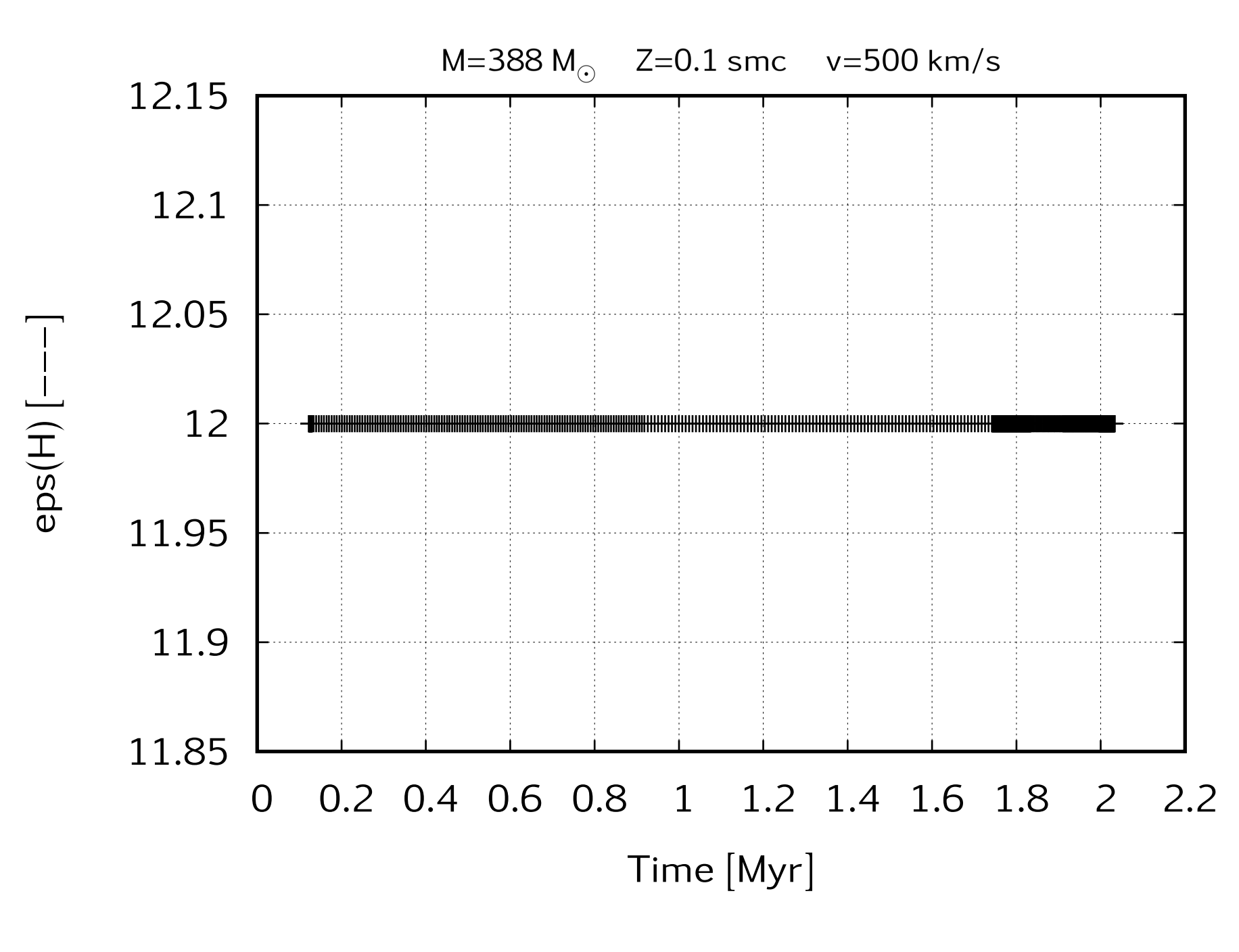

M=388 M⊙ Z=0.1 smc v=500 km/s
logg [[cm/s2]]
5.4
5.2
5
4.8
4.6
4.4
4.2
4
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

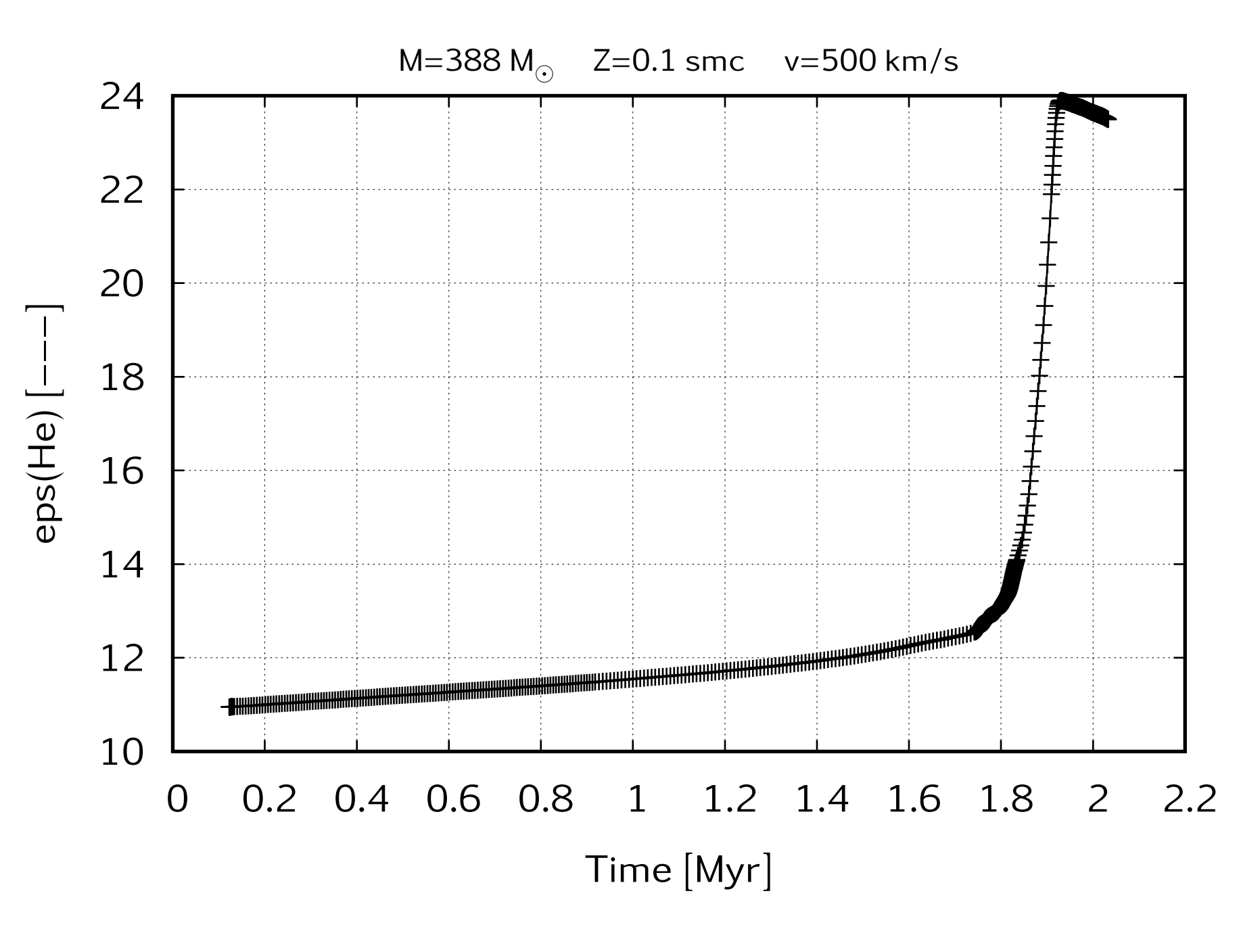

M=388 M⊙ Z=0.1 smc v=500 km/s
Vsurf [km/s]
1100
1000
900
800
700
600
500
400
300
200
100
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

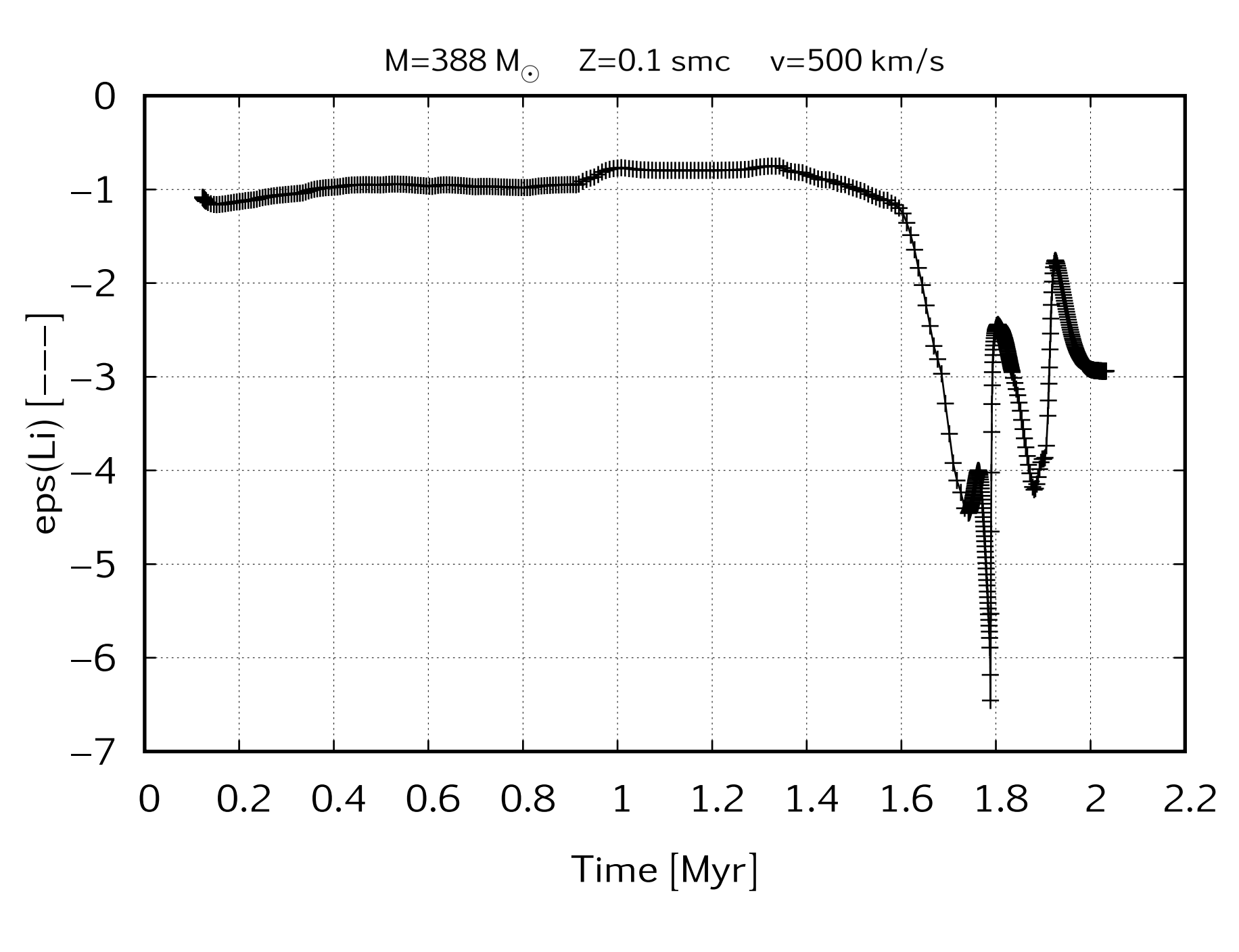

M=388 M⊙ Z=0.1 smc v=500 km/s
Vcrit [km/s]
1150
1100
1050
1000
950
900
850
800
750
700
650
600
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

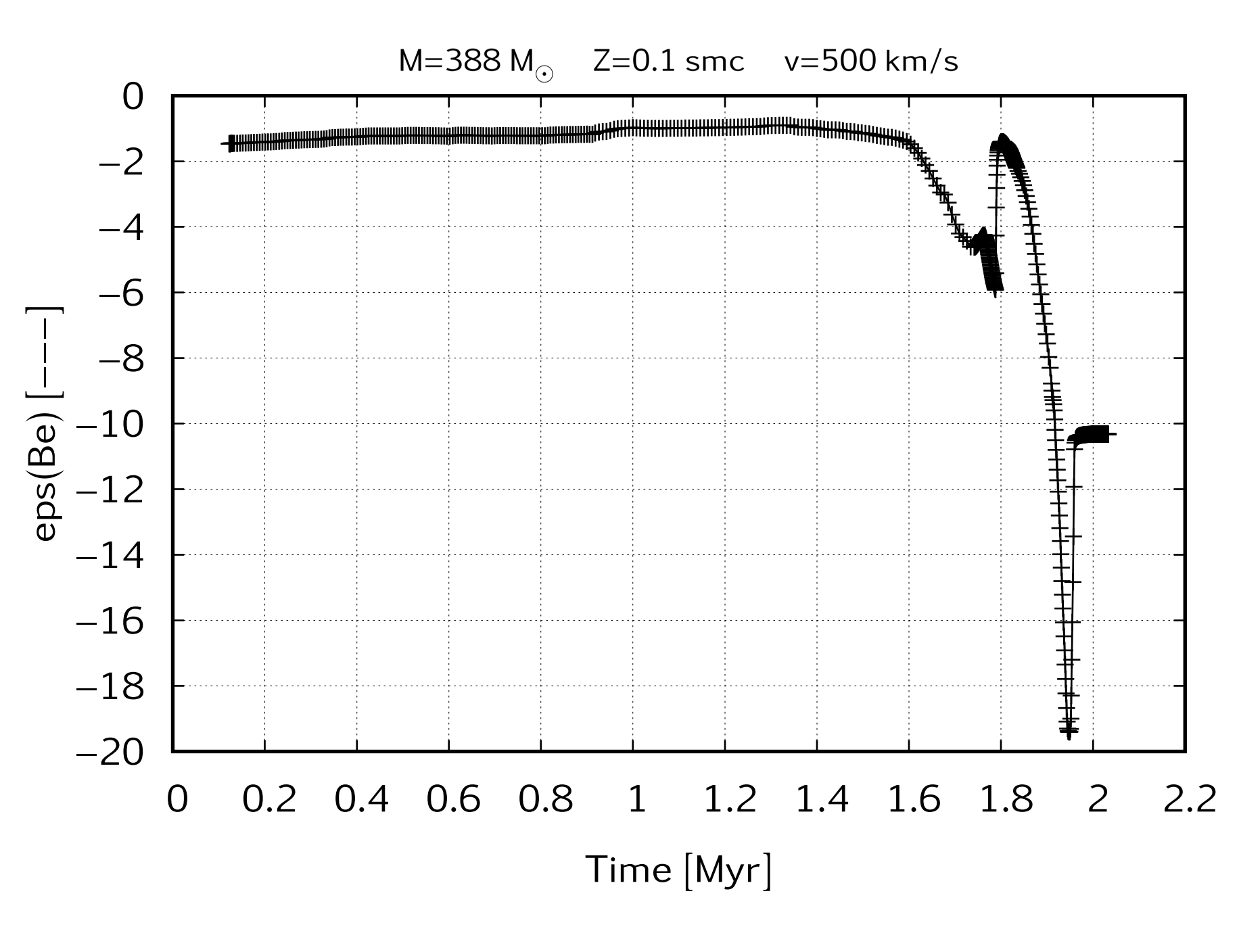

M=388 M⊙ Z=0.1 smc v=500 km/s
Ge [---]
0.95
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

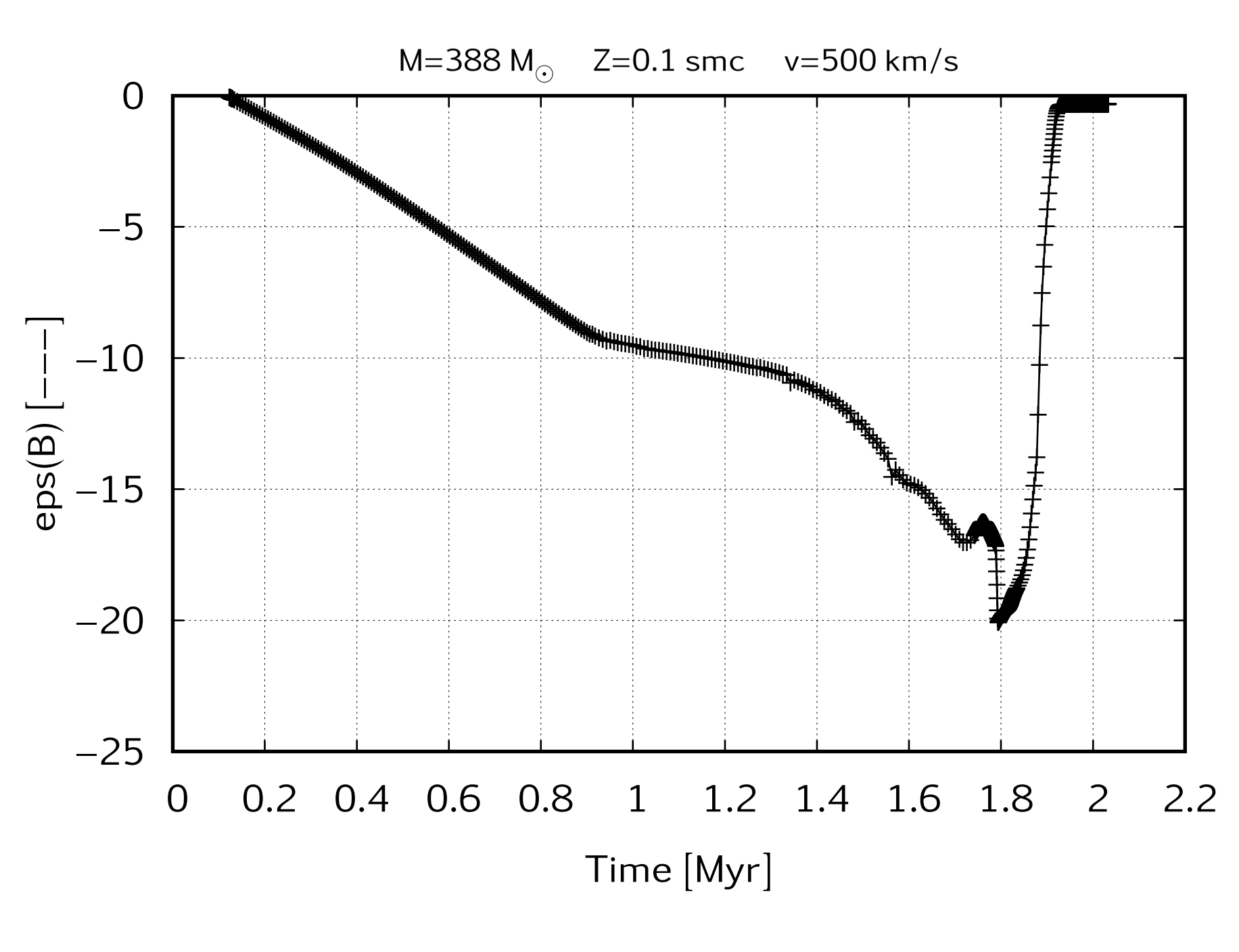

M=388 M⊙ Z=0.1 smc v=500 km/s
Flag [0:simulated,1:extrapolated]
1
0.5
0
−0.5
−1
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

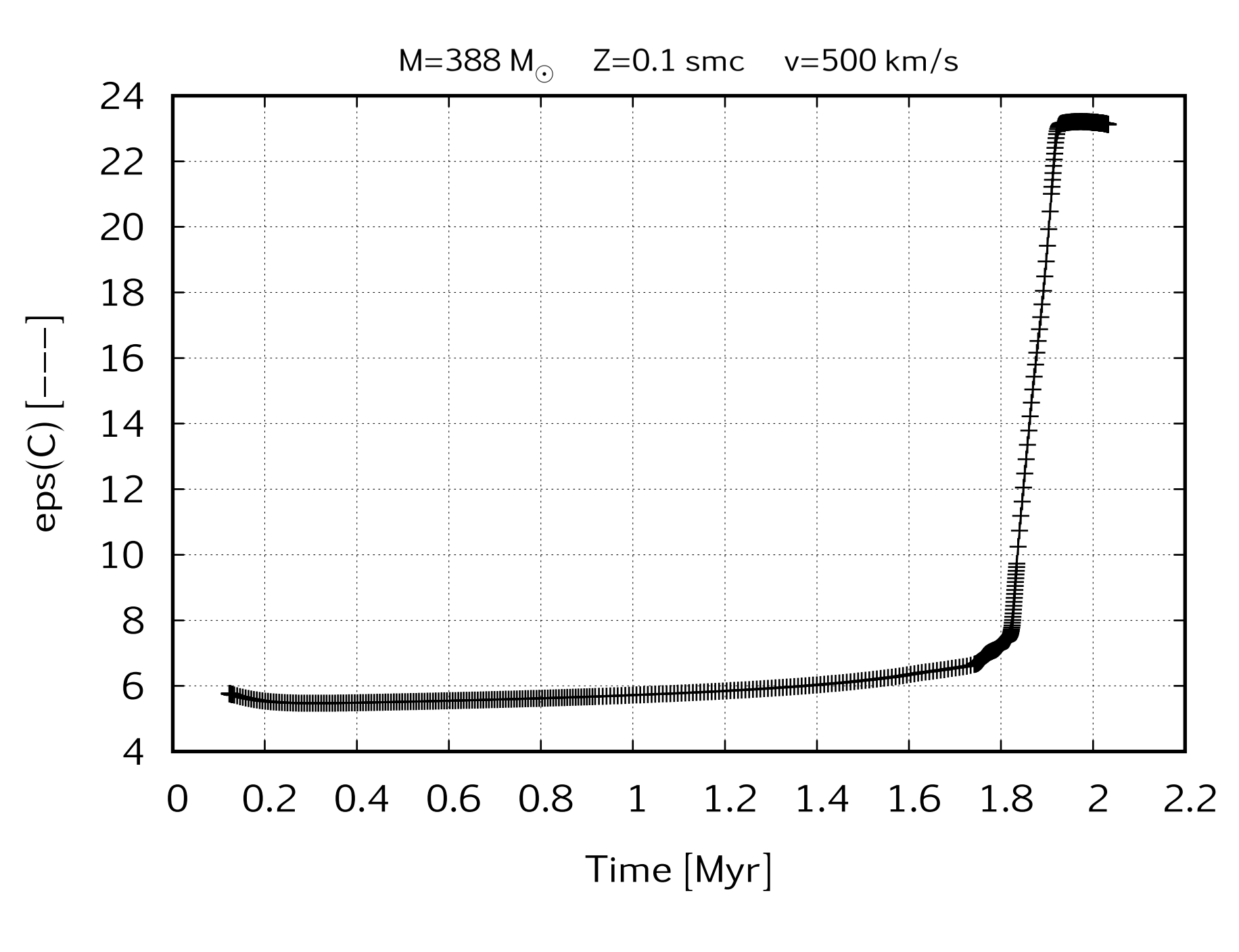

M=388 M⊙ Z=0.1 smc v=500 km/s
12.15
12.1
12.05
12
11.95
11.9
11.85
eps(H) [---]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

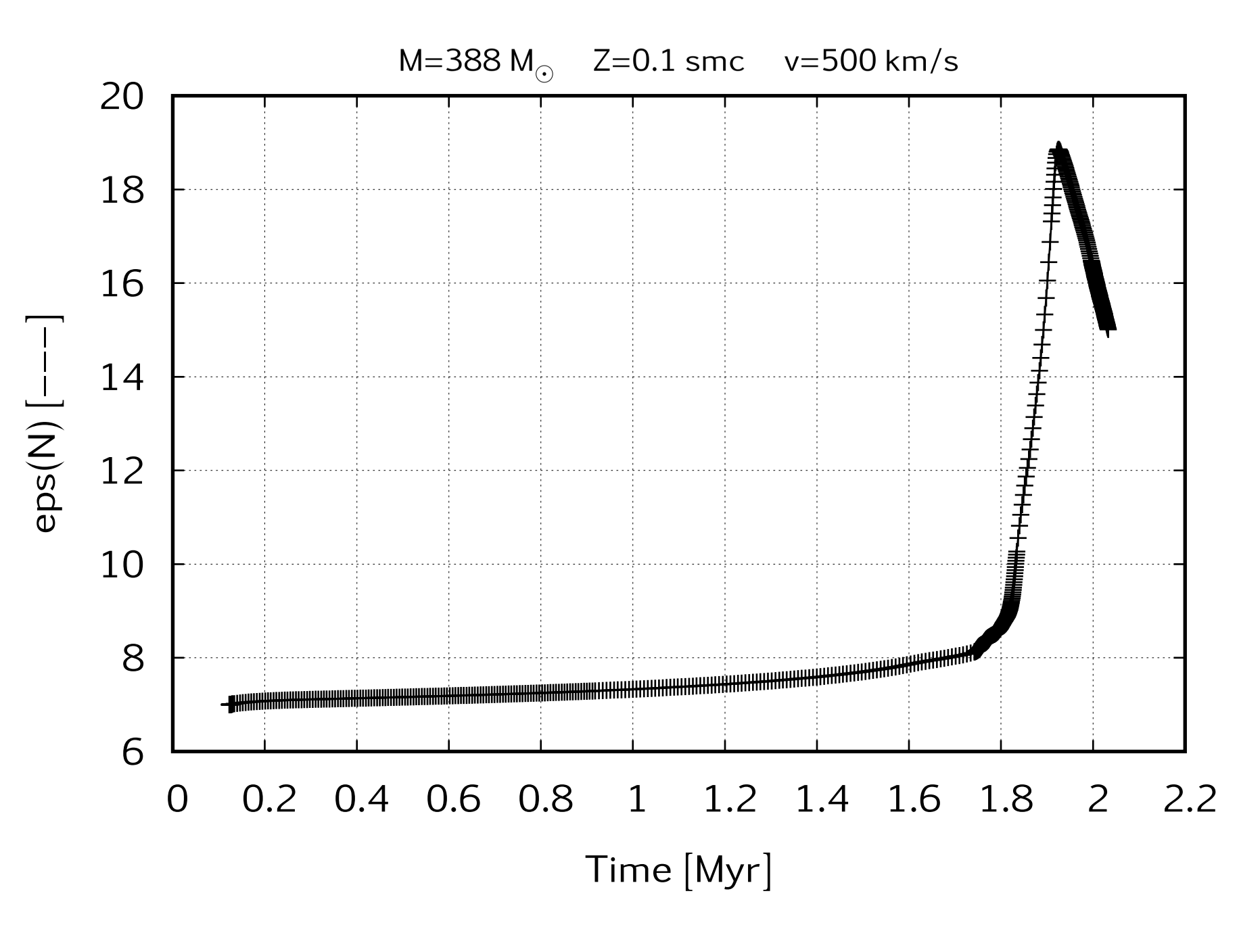

M=388 M⊙ Z=0.1 smc v=500 km/s
eps(He) [---]
Time [Myr]
24
22
20
18
16
14
12
10
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2

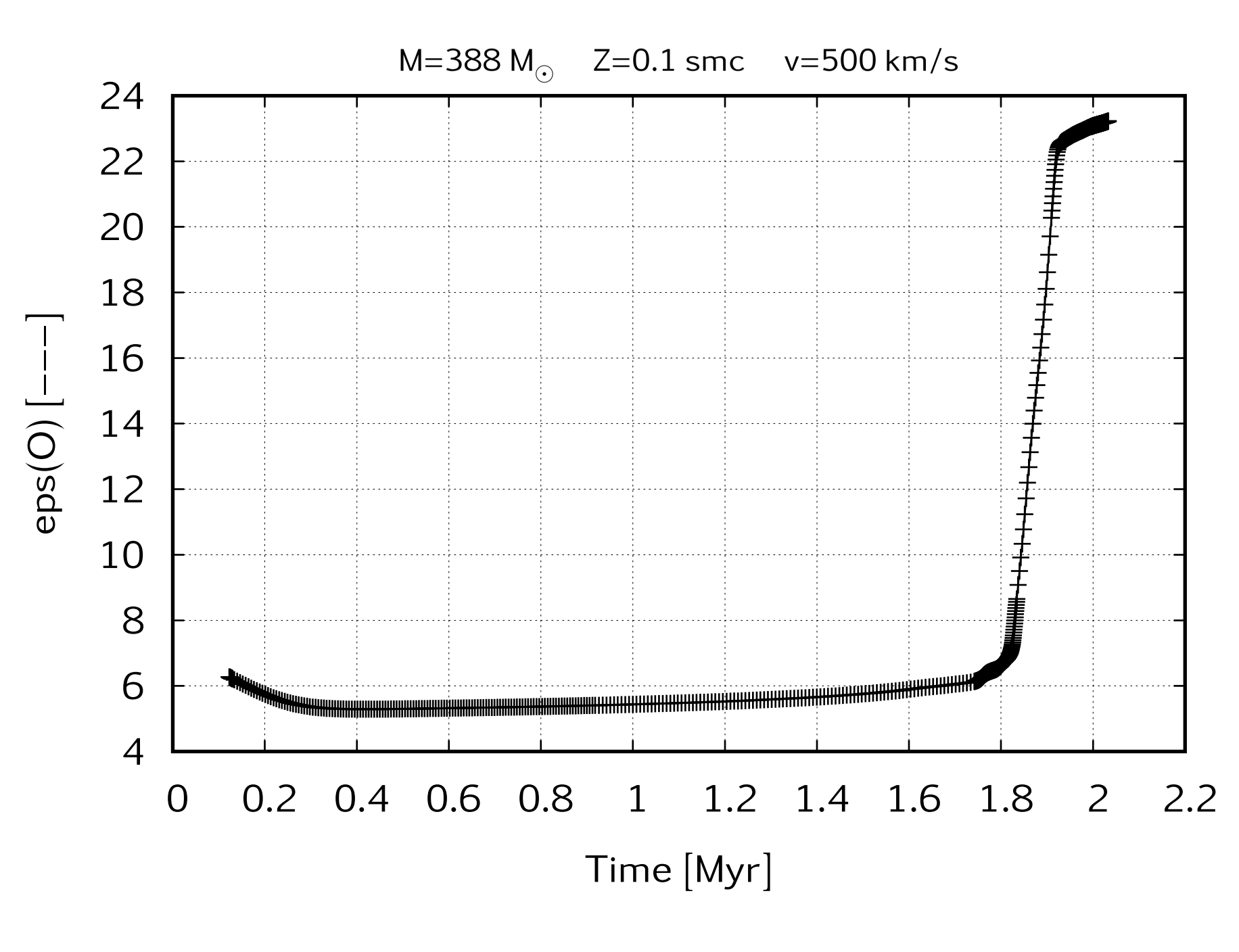

M=388 M⊙ Z=0.1 smc v=500 km/s
0
−1
−2
−3
−4
−5
−6
−7
eps(Li) [---]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

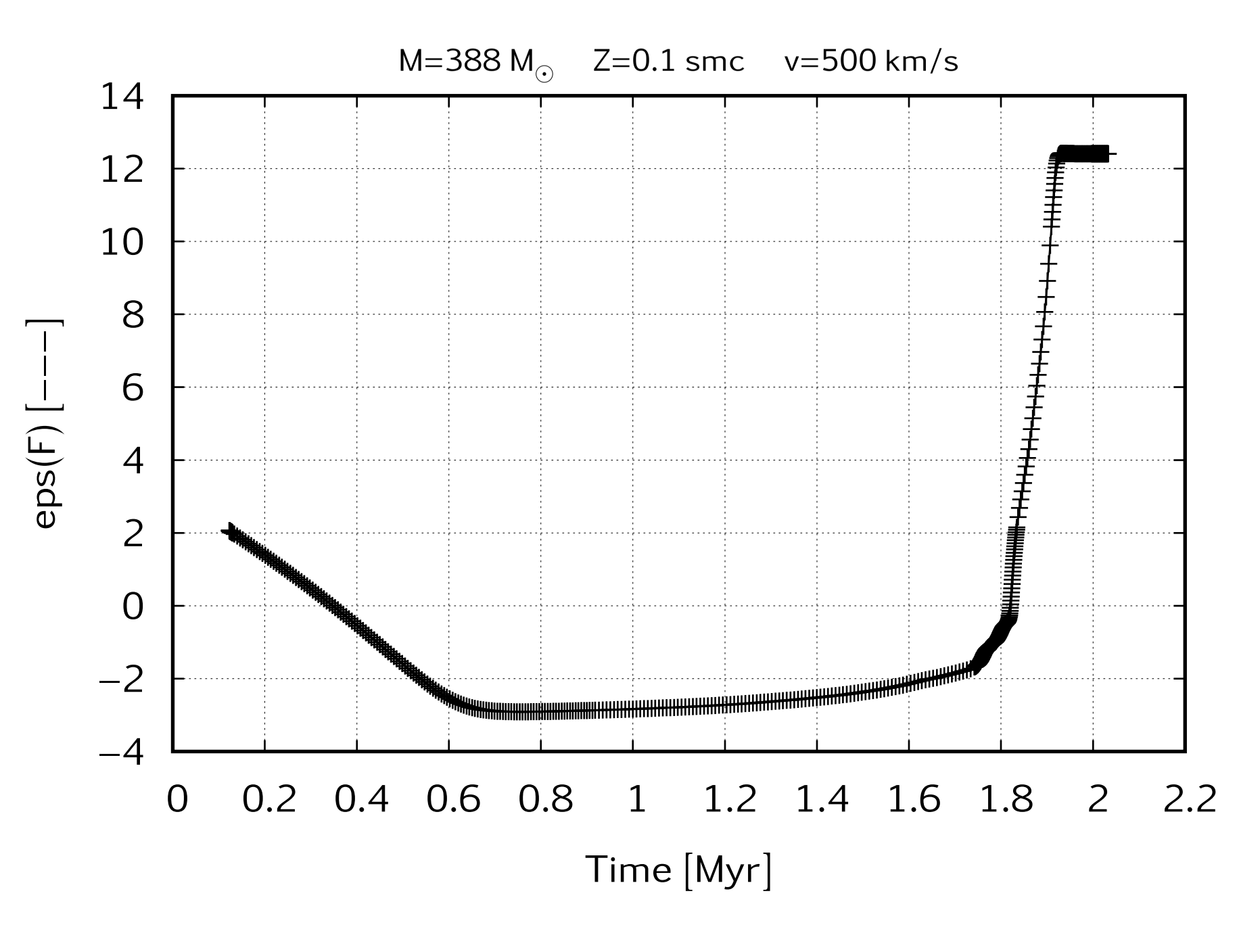

M=388 M⊙ Z=0.1 smc v=500 km/s
eps(Be) [---]
0
−2
−4
−6
−8
−10
−12
−14
−16
−18
−20
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

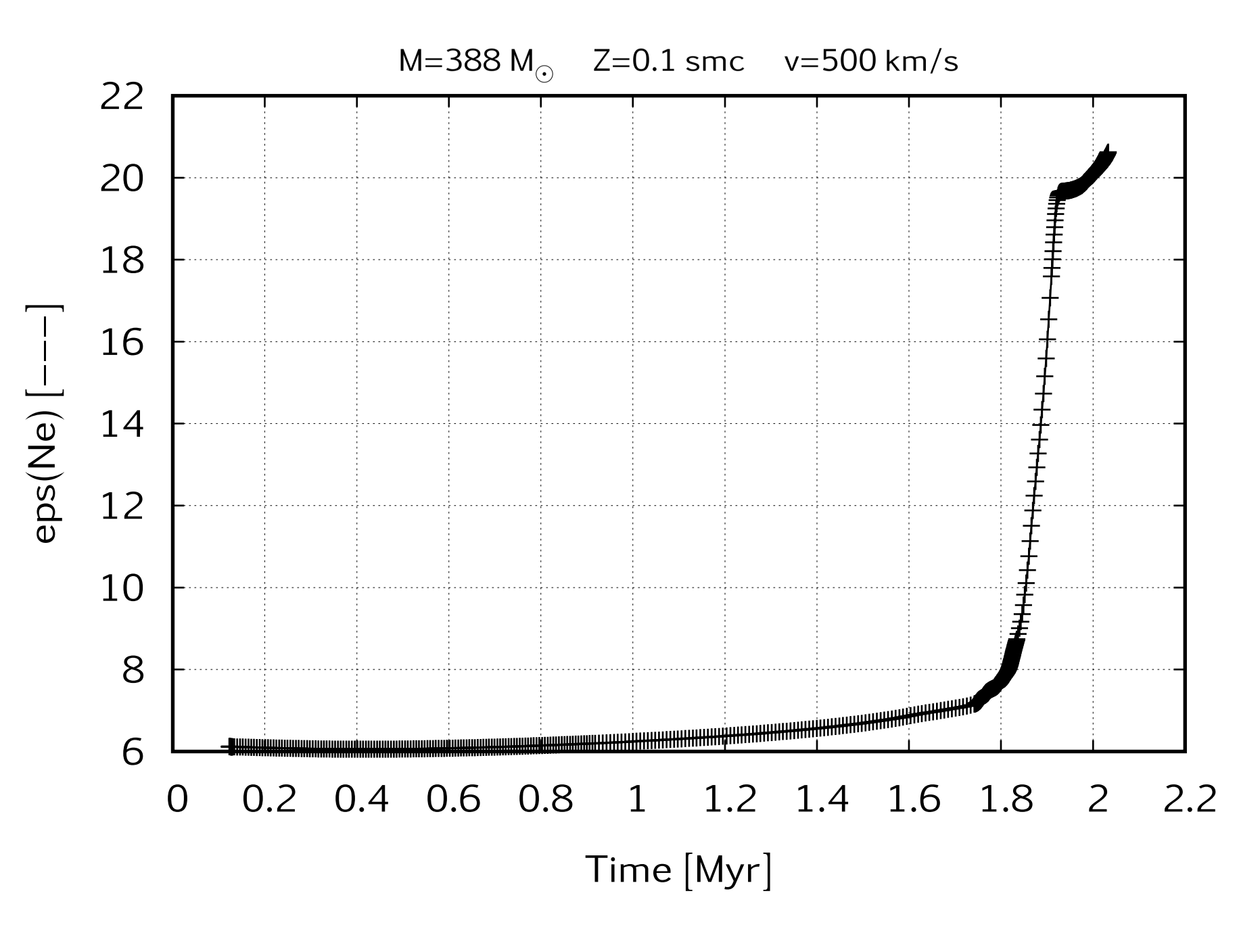

M=388 M⊙ Z=0.1 smc v=500 km/s
0
−5
−10
−15
−20
−25
eps(B) [---]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

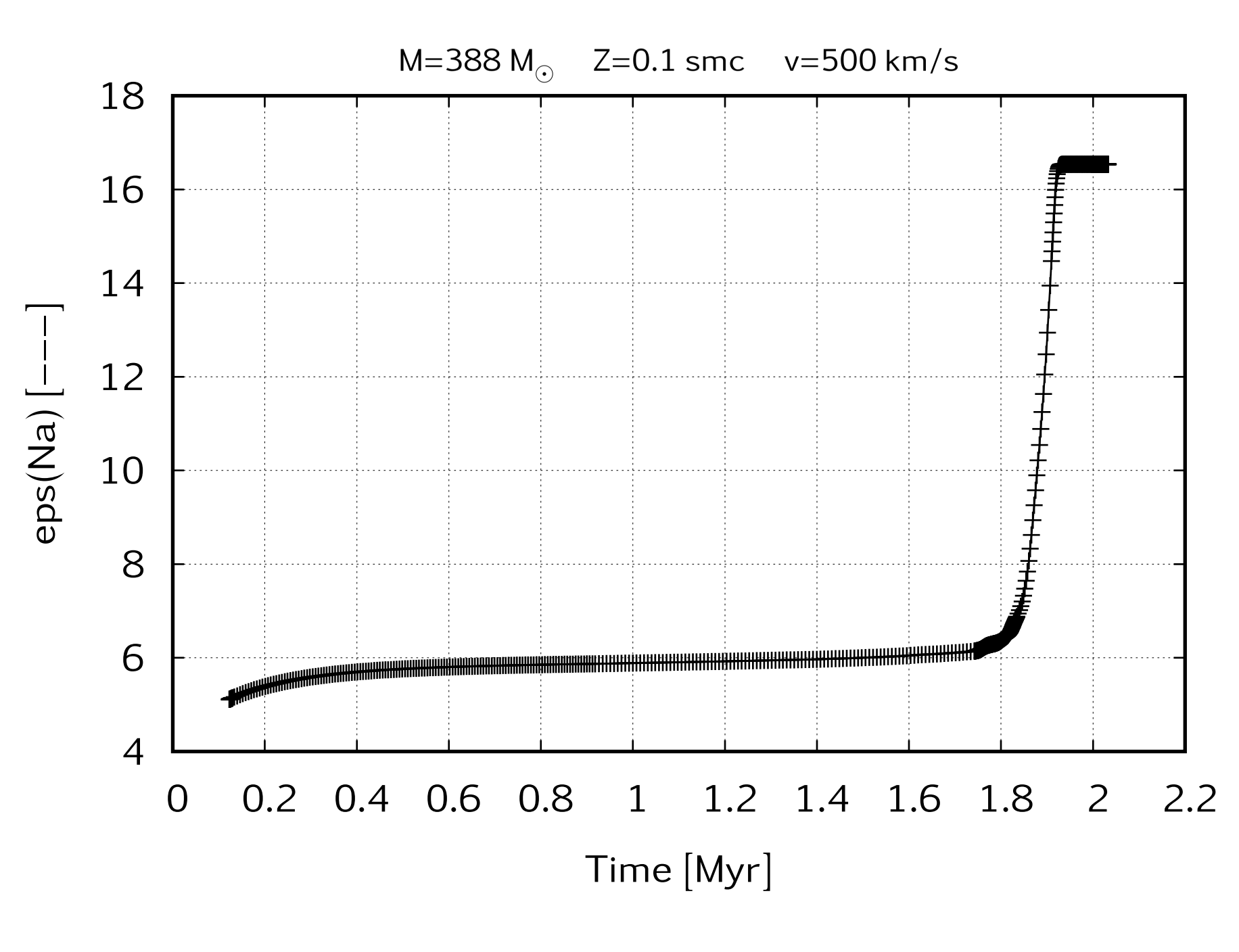

M=388 M⊙ Z=0.1 smc v=500 km/s
eps(C) [---]
Time [Myr]
24
22
20
18
16
14
12
10
8
6
4
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2

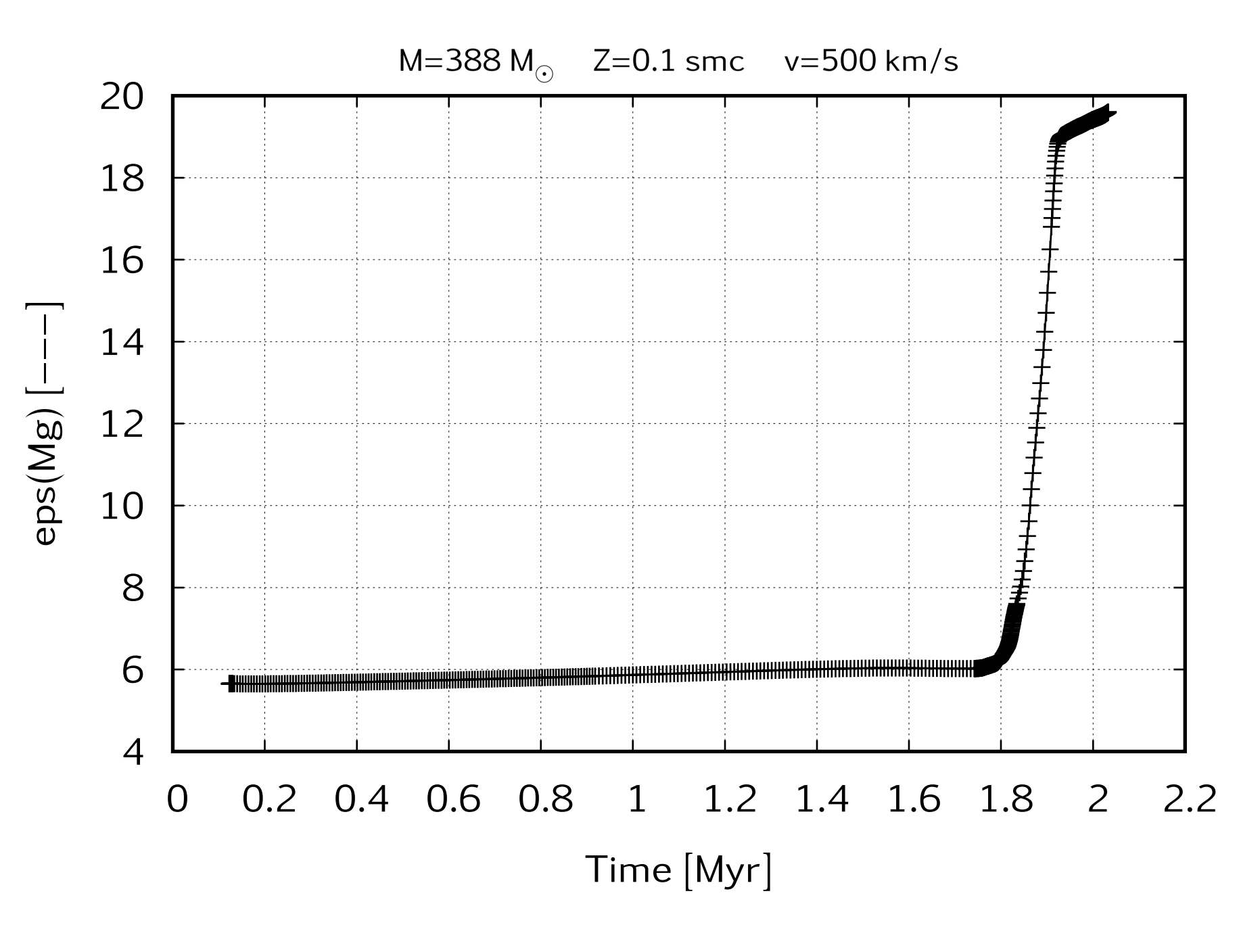

M=388 M⊙ Z=0.1 smc v=500 km/s
eps(N) [---]
Time [Myr]
20
18
16
14
12
10
8
6
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2

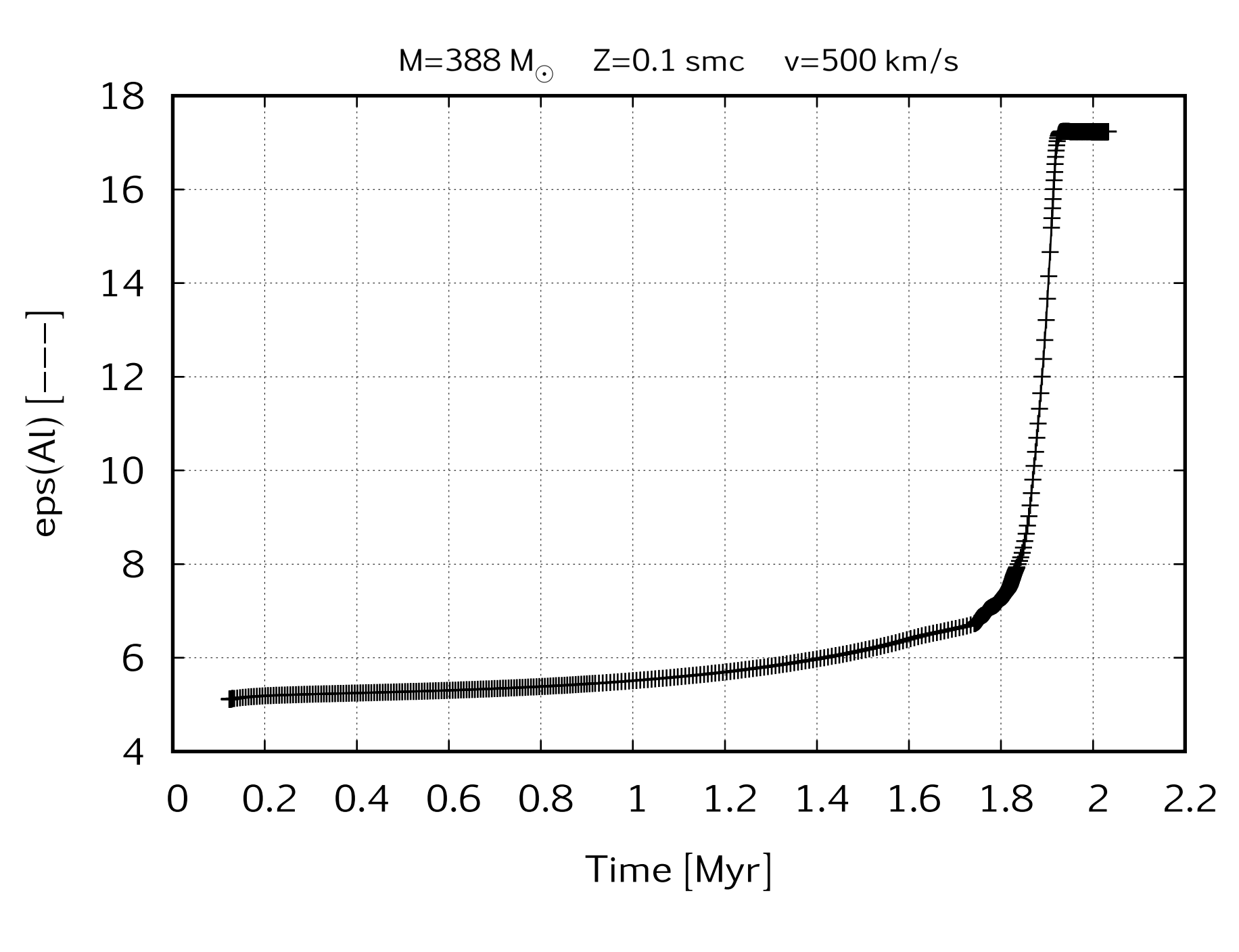

M=388 M⊙ Z=0.1 smc v=500 km/s
eps(O) [---]
Time [Myr]
24
22
20
18
16
14
12
10
8
6
4
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2

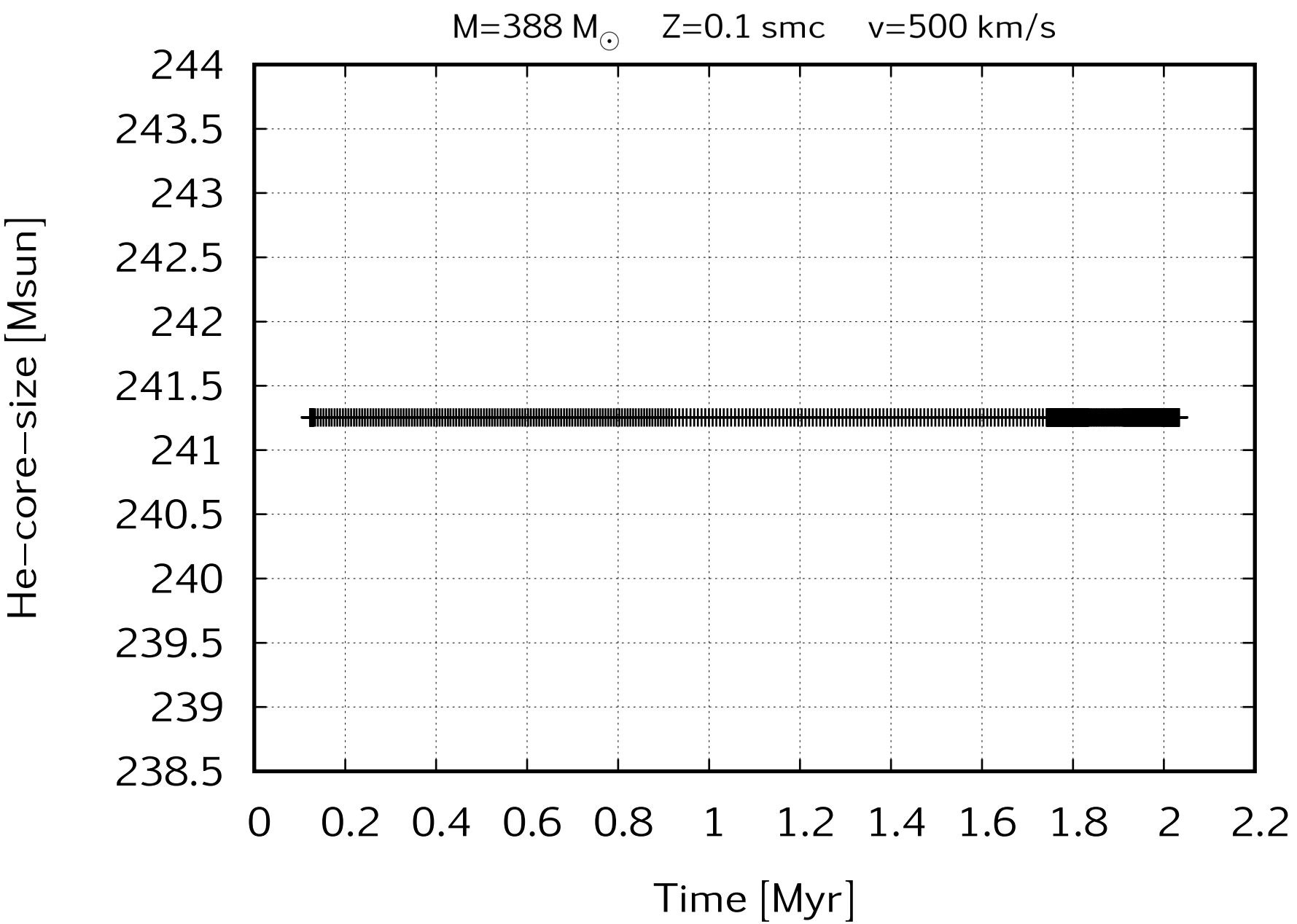

M=388 M⊙ Z=0.1 smc v=500 km/s
eps(F) [−−−]
14
12
10
8
6
4
2
0
−2
−4
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

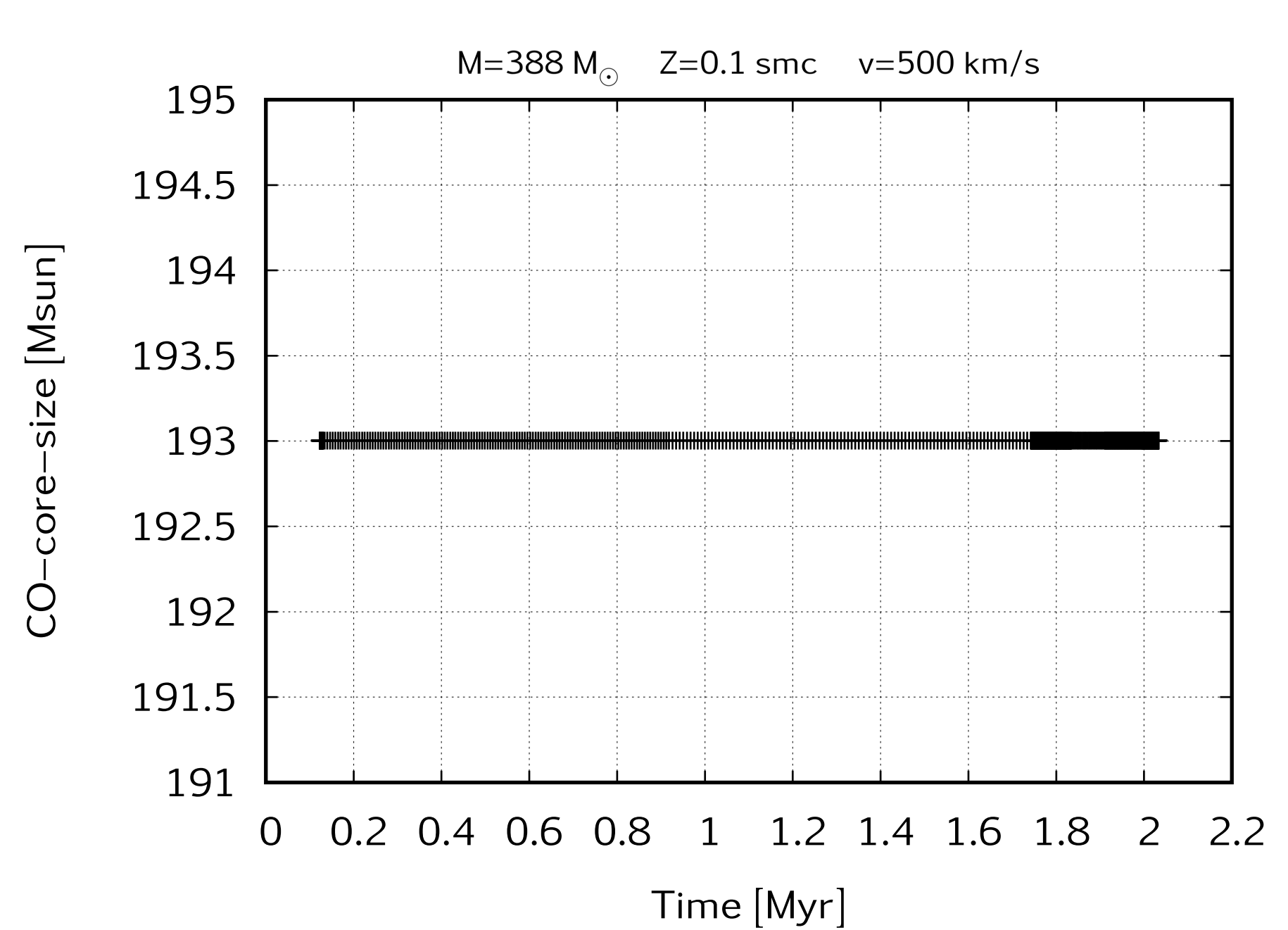

M=388 M⊙ Z=0.1 smc v=500 km/s
eps(Ne) [---]
Time [Myr]
22
20
18
16
14
12
10
8
6
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2

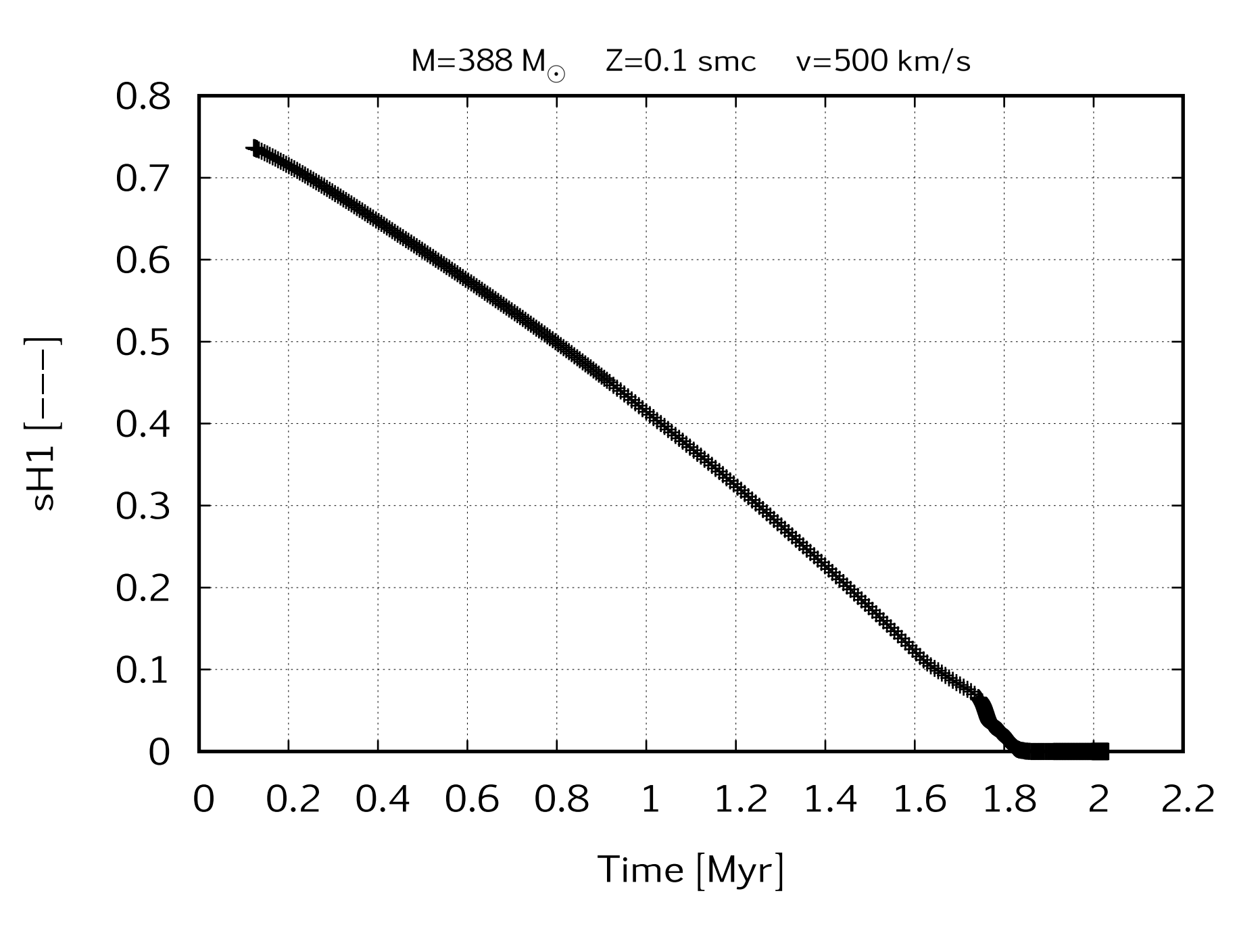

M=388 M⊙ Z=0.1 smc v=500 km/s
eps(Na) [---]
Time [Myr]
18
16
14
12
10
8
6
4
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2

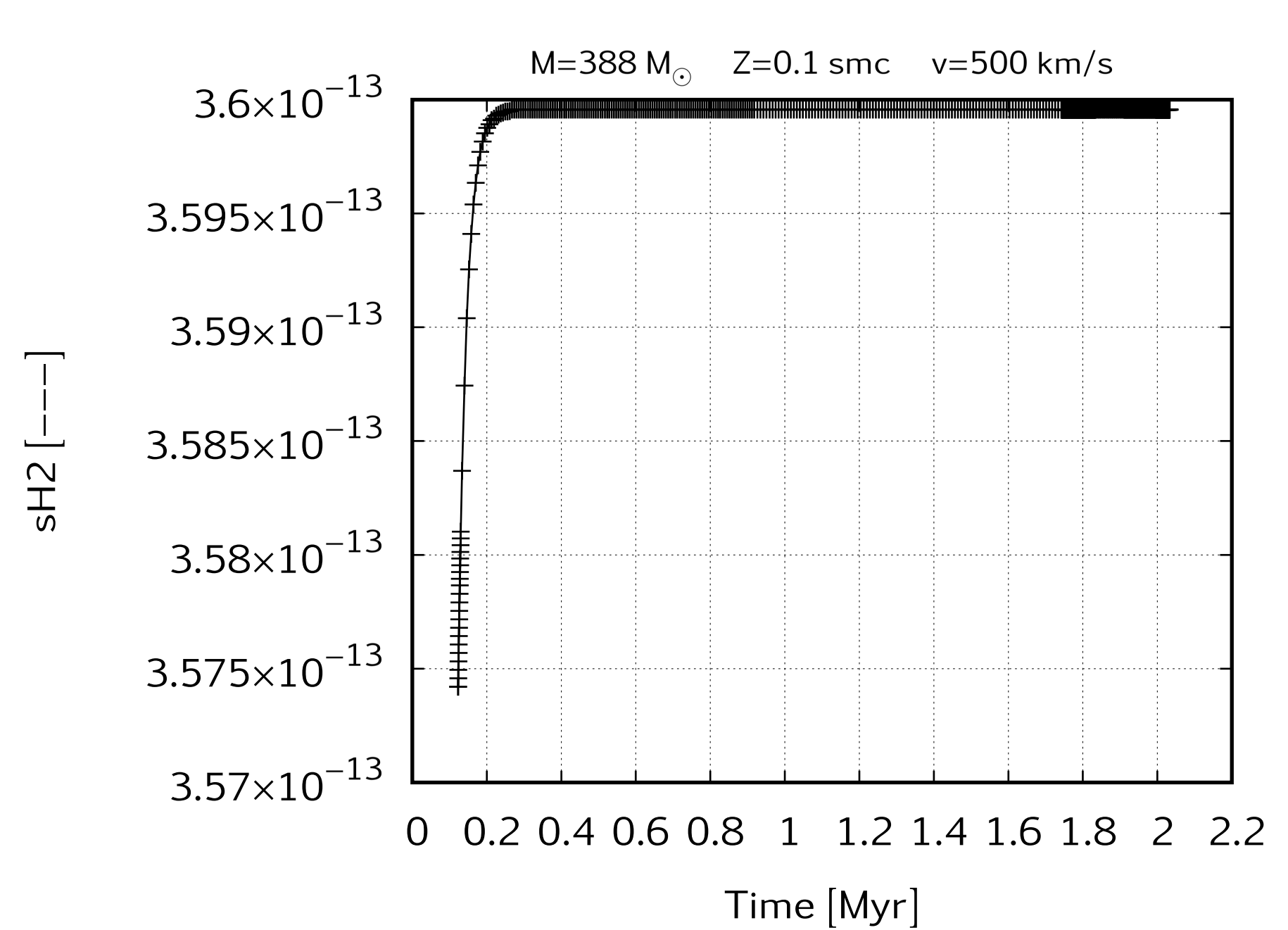

M=388 M⊙ Z=0.1 smc v=500 km/s
eps(Mg) [---]
Time [Myr]
20
18
16
14
12
10
8
6
4
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2

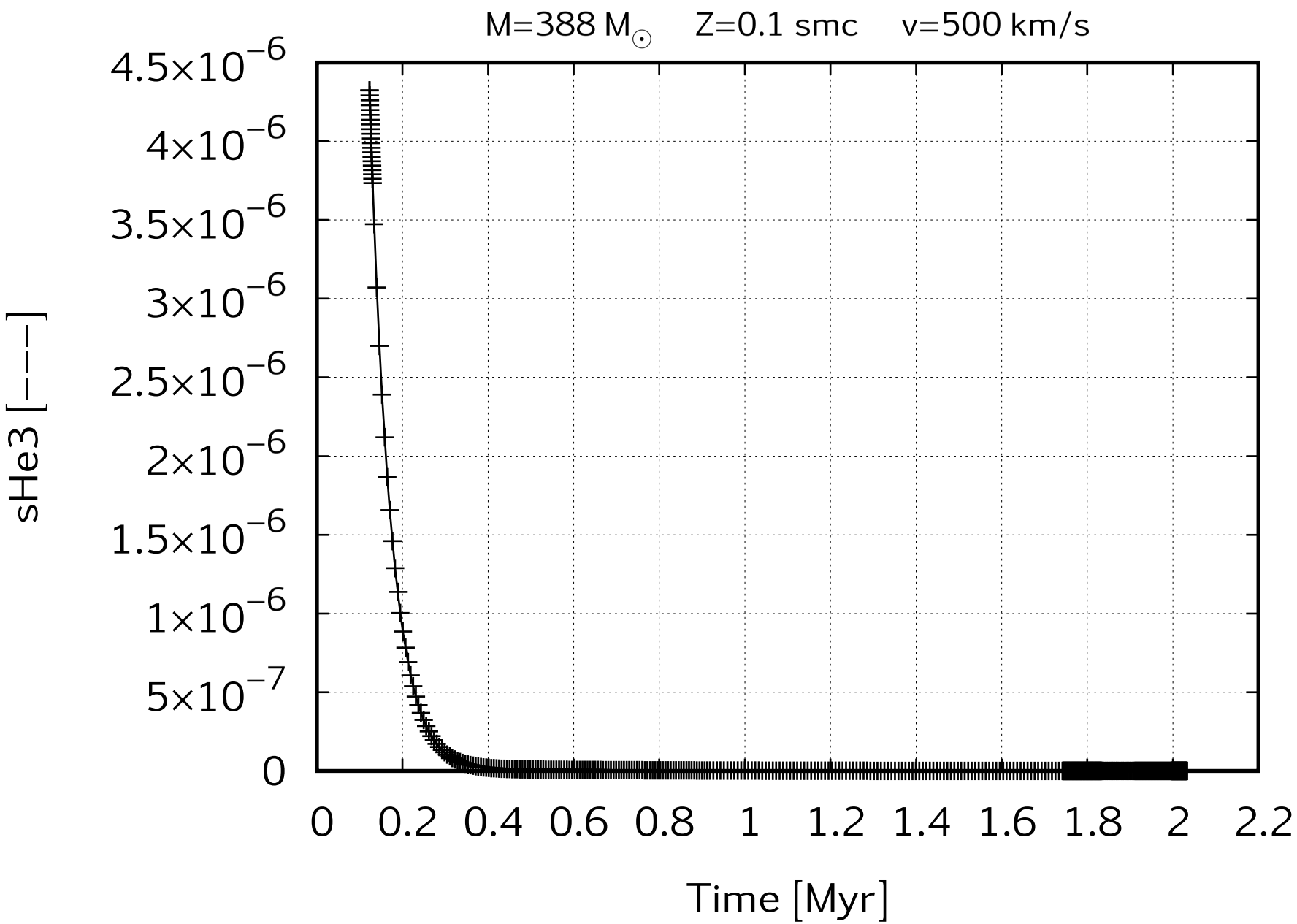

M=388 M⊙ Z=0.1 smc v=500 km/s
eps(Al) [---]
Time [Myr]
18
16
14
12
10
8
6
4
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2

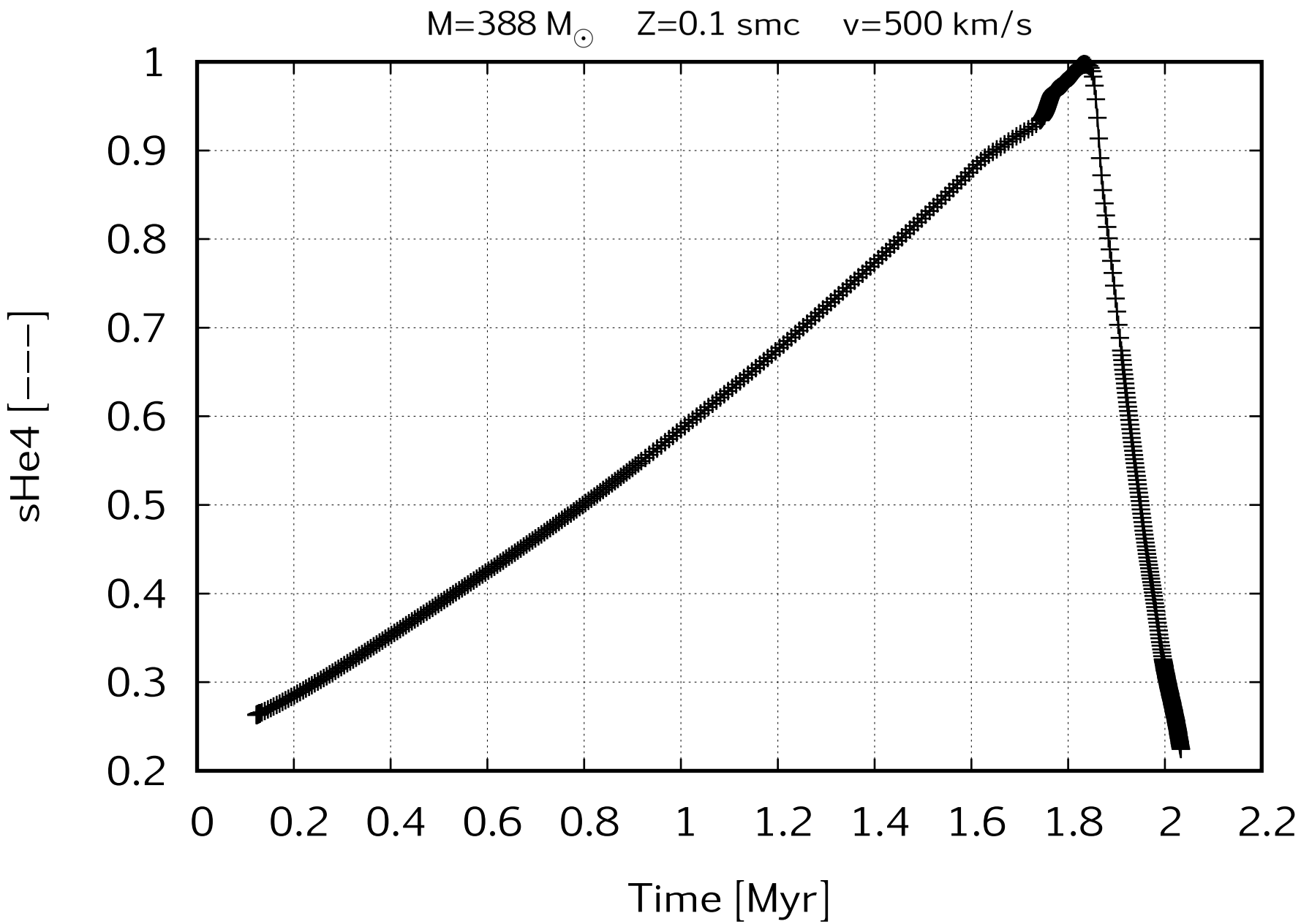

M=388 M⊙ Z=0.1 smc v=500 km/s
He−core−size [Msun]
244
243.5
243
242.5
242
241.5
241
240.5
240
239.5
239
238.5
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

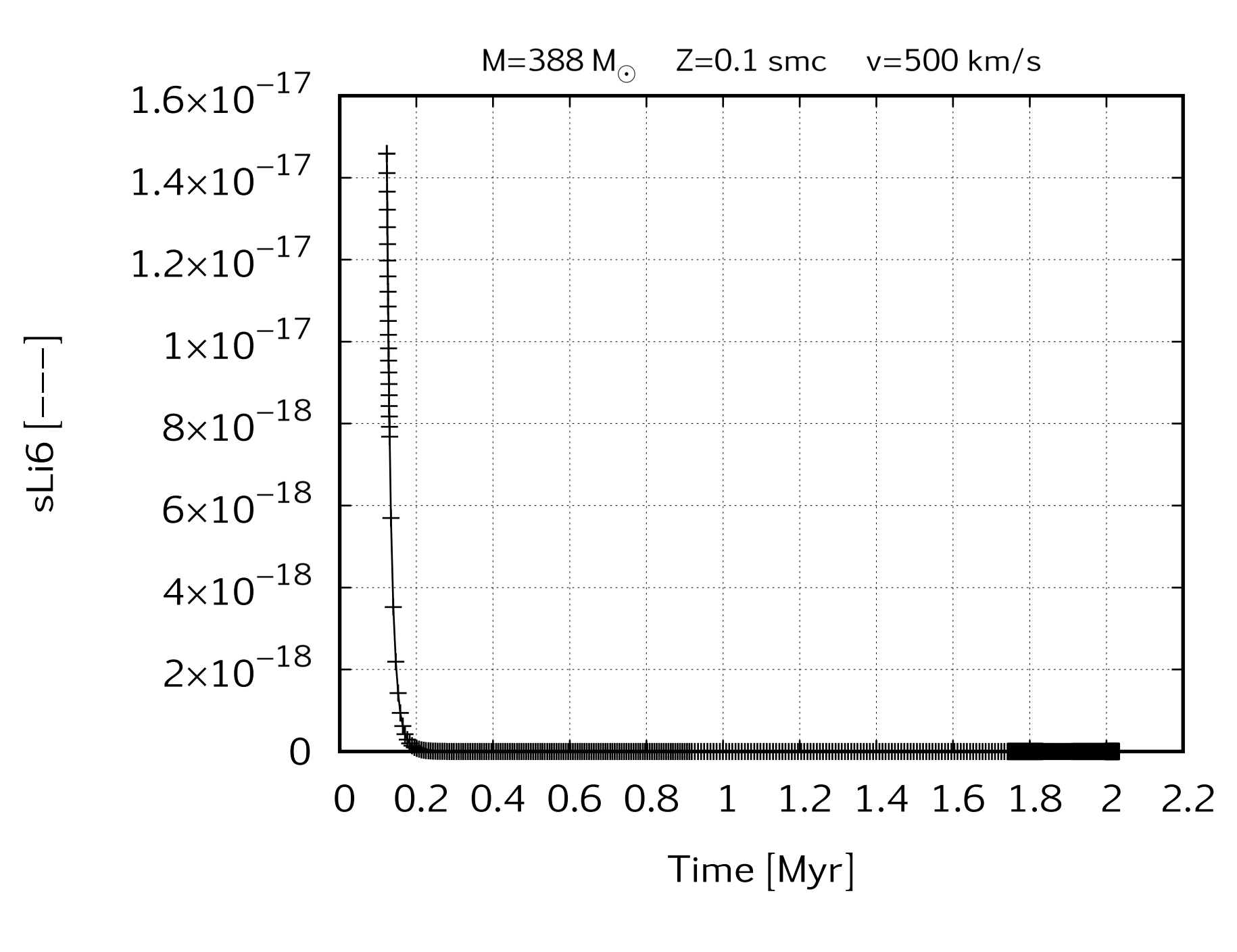

M=388 M⊙ Z=0.1 smc v=500 km/s
CO−core−size [Msun]
195
194.5
194
193.5
193
192.5
192
191.5
191
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

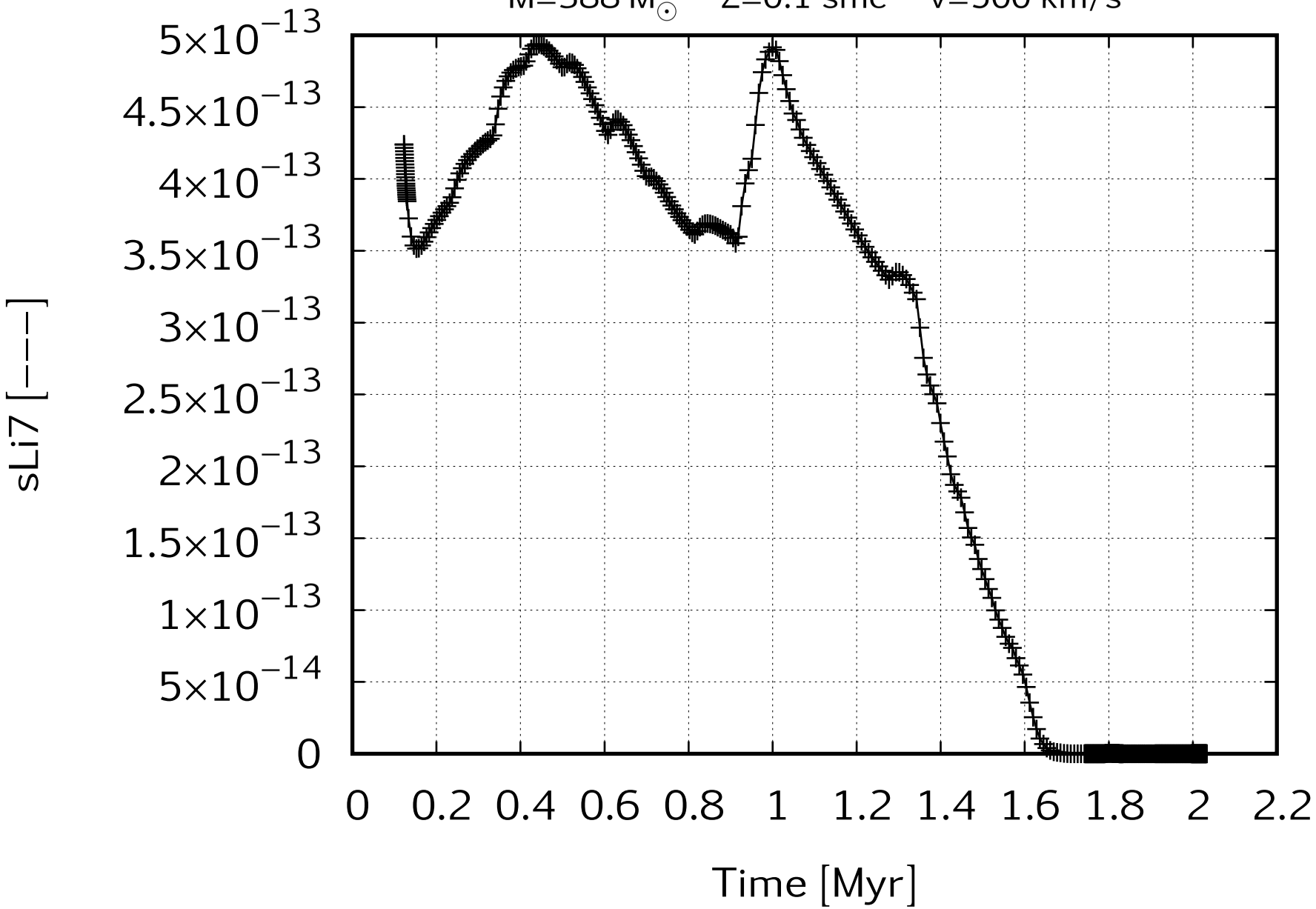

M=388 M⊙ Z=0.1 smc v=500 km/s
sH1 [---]
Time [Myr]
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2

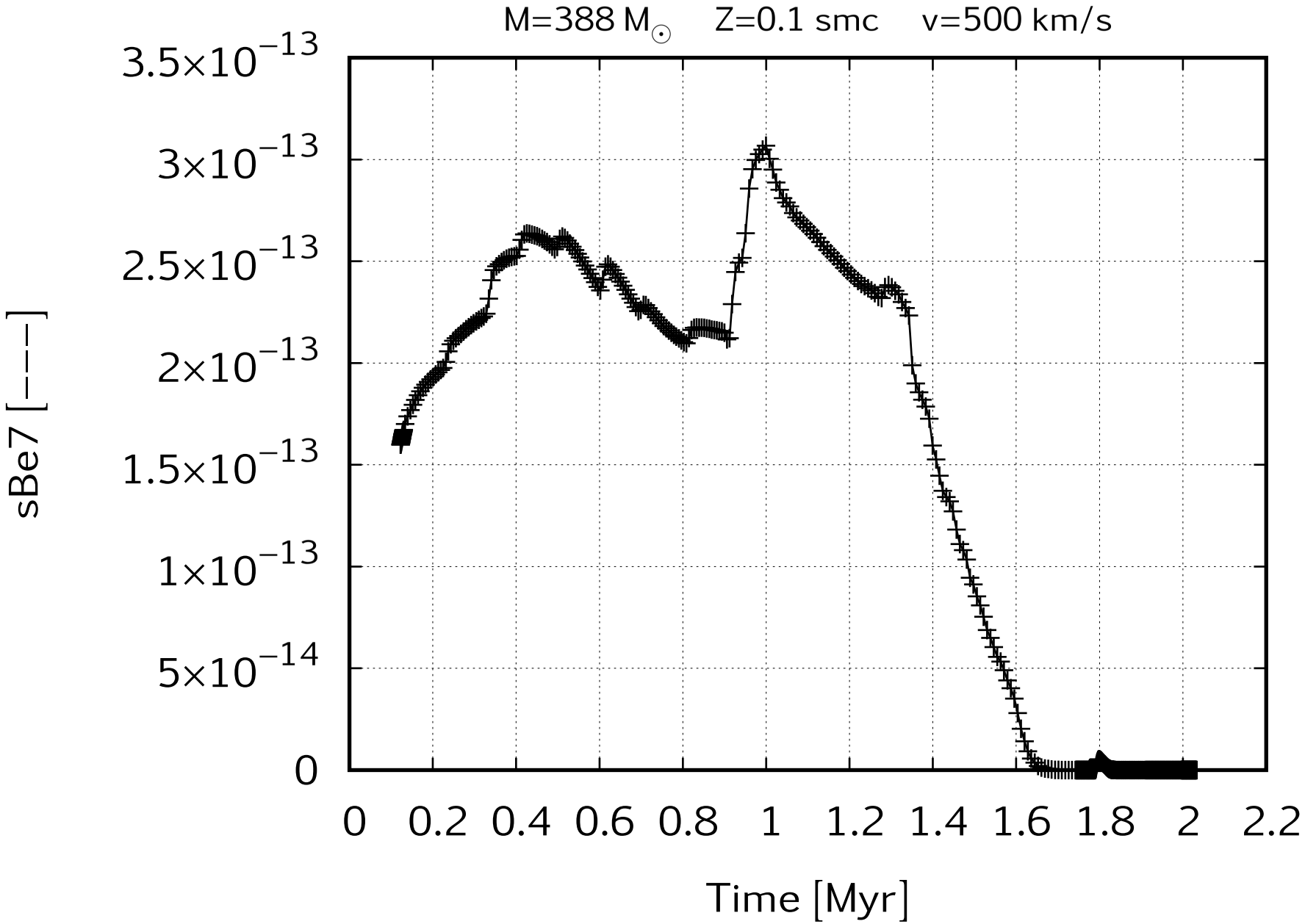

M=388 M⊙ Z=0.1 smc v=500 km/s
3.6×10−13
3.595×10−13
3.59×10−13
3.585×10−13
3.58×10−13
3.575×10−13
3.57×10−13
sH2 [---]
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

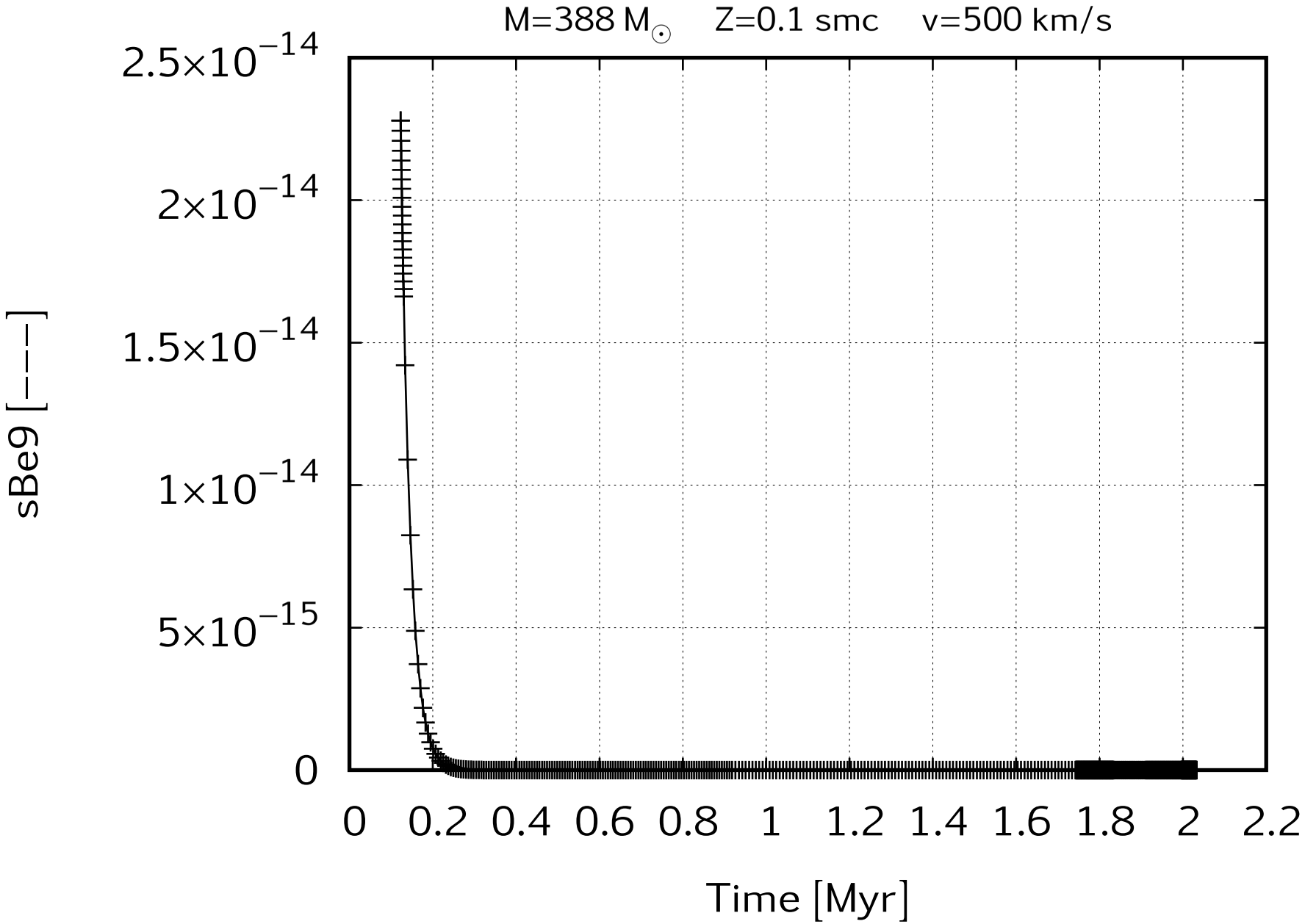

M=388 M⊙ Z=0.1 smc v=500 km/s
sHe3 [---]
4.5×10−6
4×10−6
3.5×10−6
3×10−6
2.5×10−6
2×10−6
1.5×10−6
1×10−6
5×10−7
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

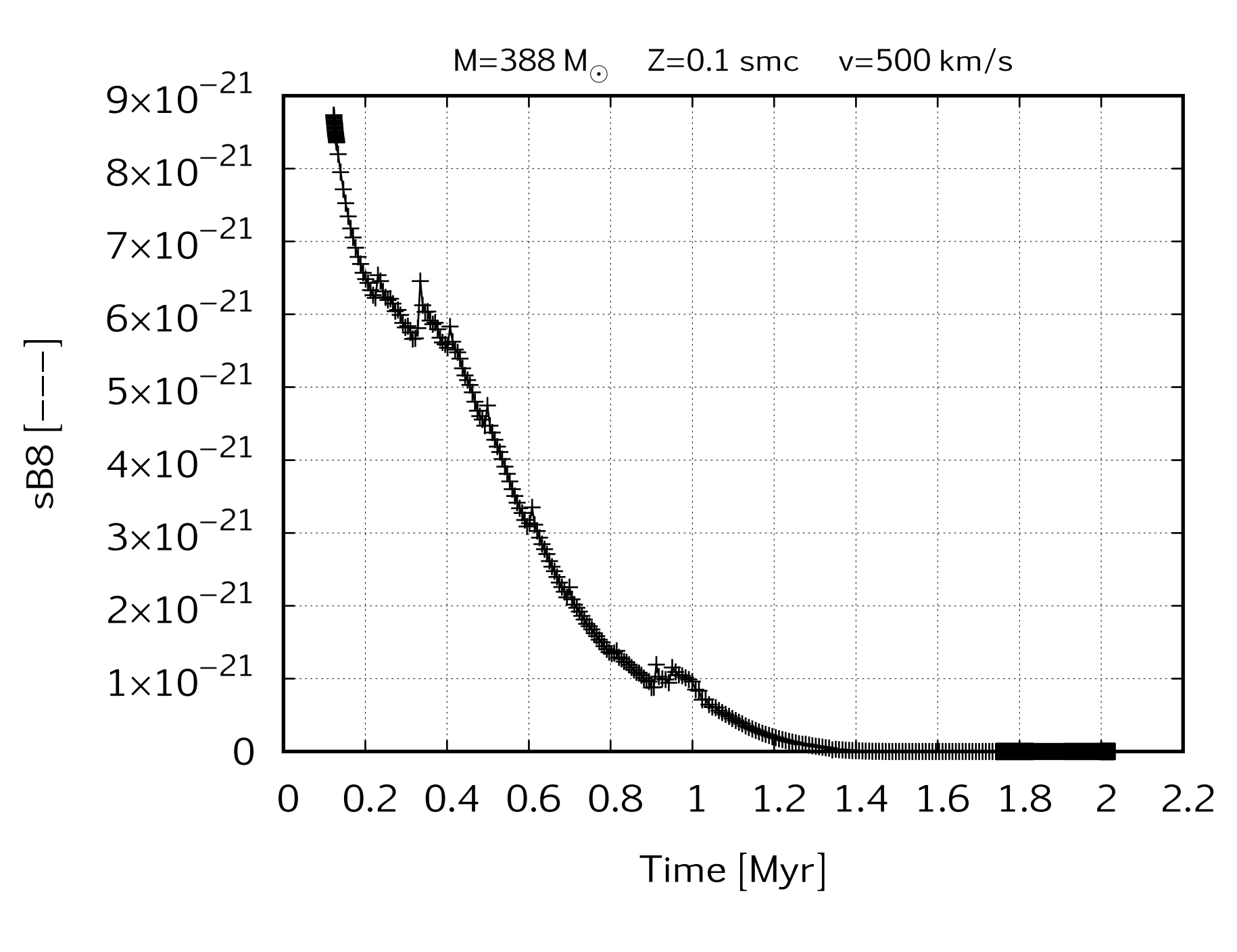

M=388 M⊙ Z=0.1 smc v=500 km/s
sHe4 [---]
Time [Myr]
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2

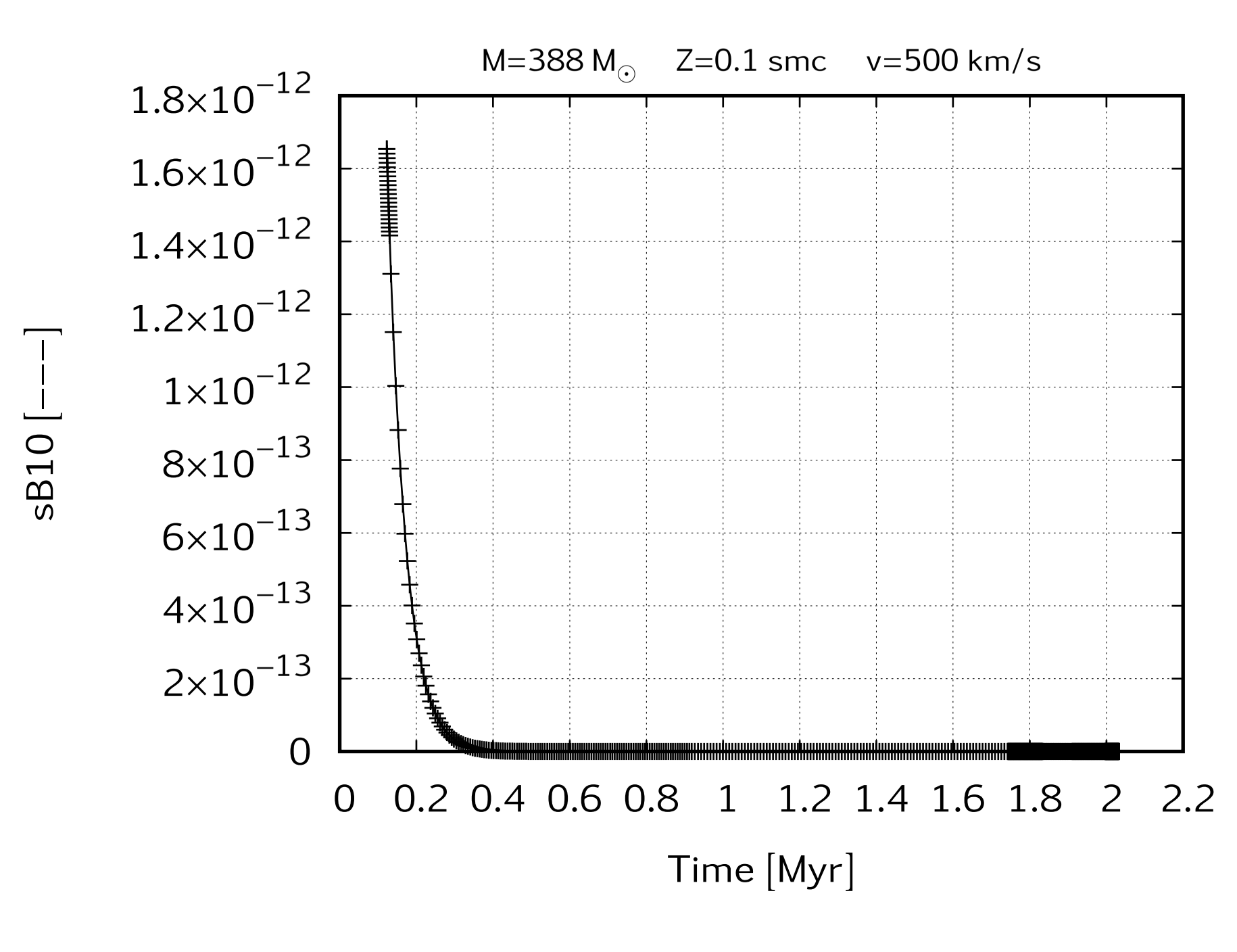

M=388 M⊙ Z=0.1 smc v=500 km/s
sLi6 [---]
1.6×10−17
1.4×10−17
1.2×10−17
1×10−17
8×10−18
6×10−18
4×10−18
2×10−18
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

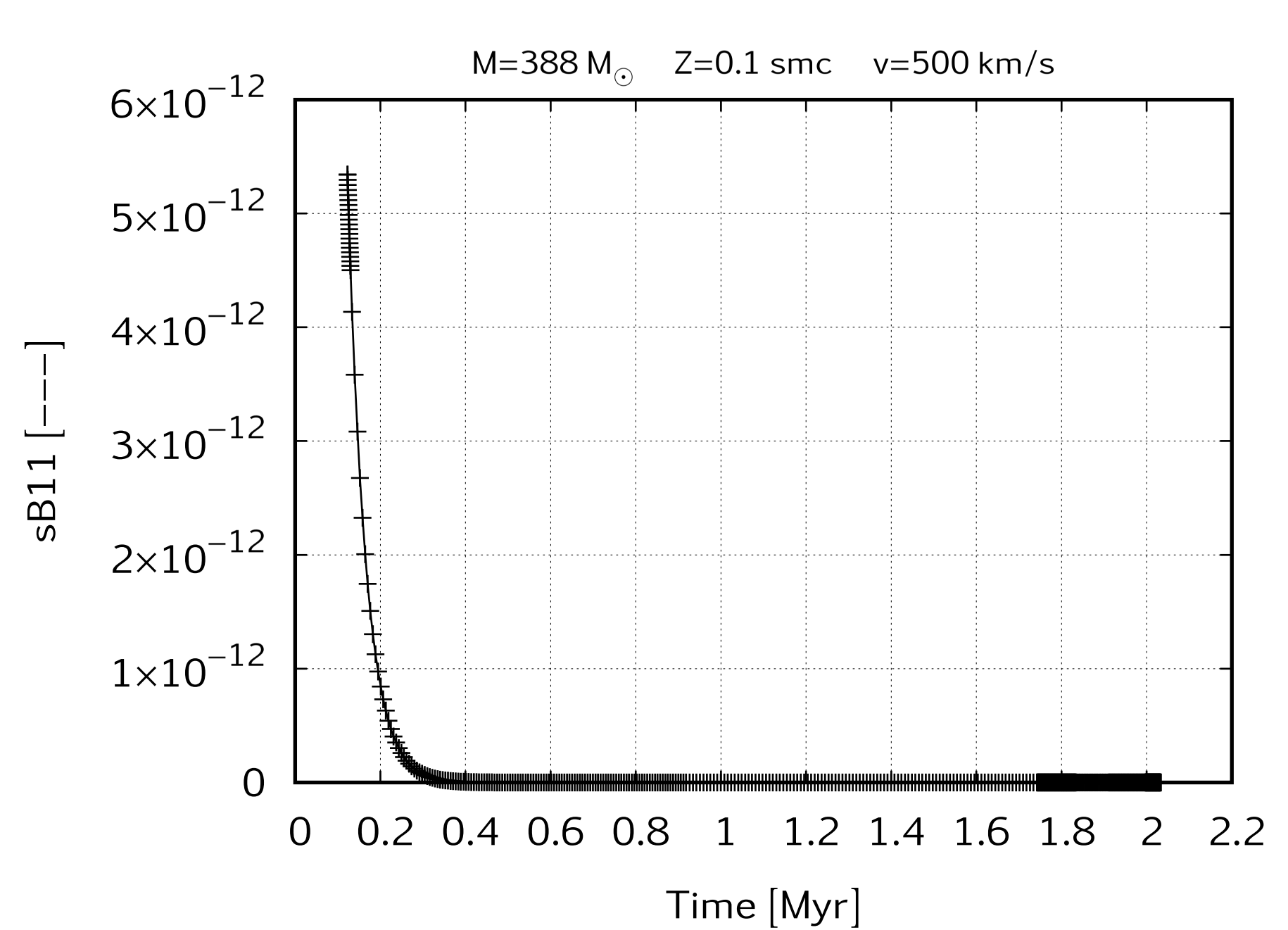

M=388 M⊙ Z=0.1 smc v=500 km/s
sLi7 [---]
5×10−13
4.5×10−13
4×10−13
3.5×10−13
3×10−13
2.5×10−13
2×10−13
1.5×10−13
1×10−13
5×10−14
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

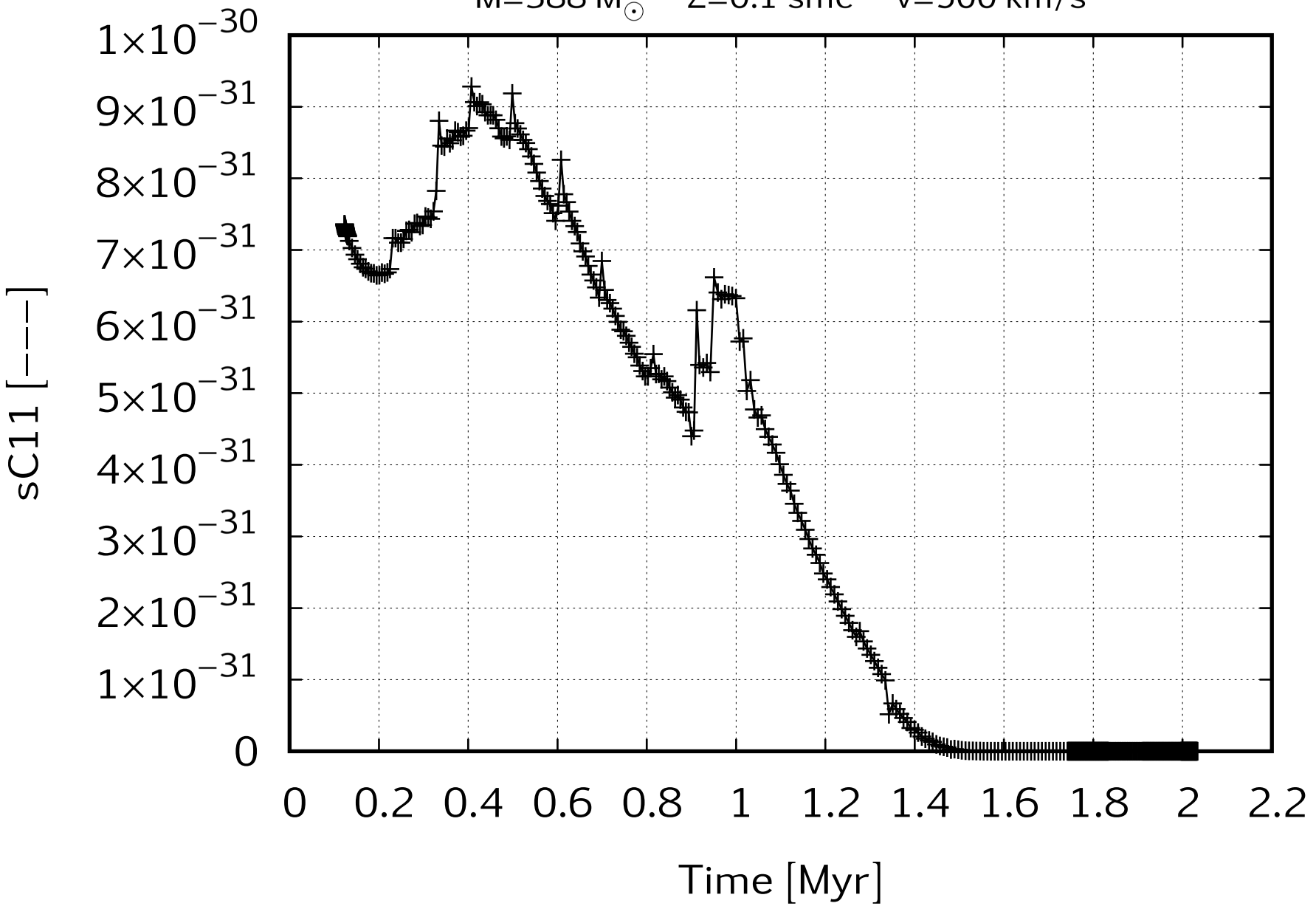

M=388 M⊙ Z=0.1 smc v=500 km/s
3.5×10−13
3×10−13
2.5×10−13
2×10−13
1.5×10−13
1×10−13
5×10−14
0
sBe7 [−−−]
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

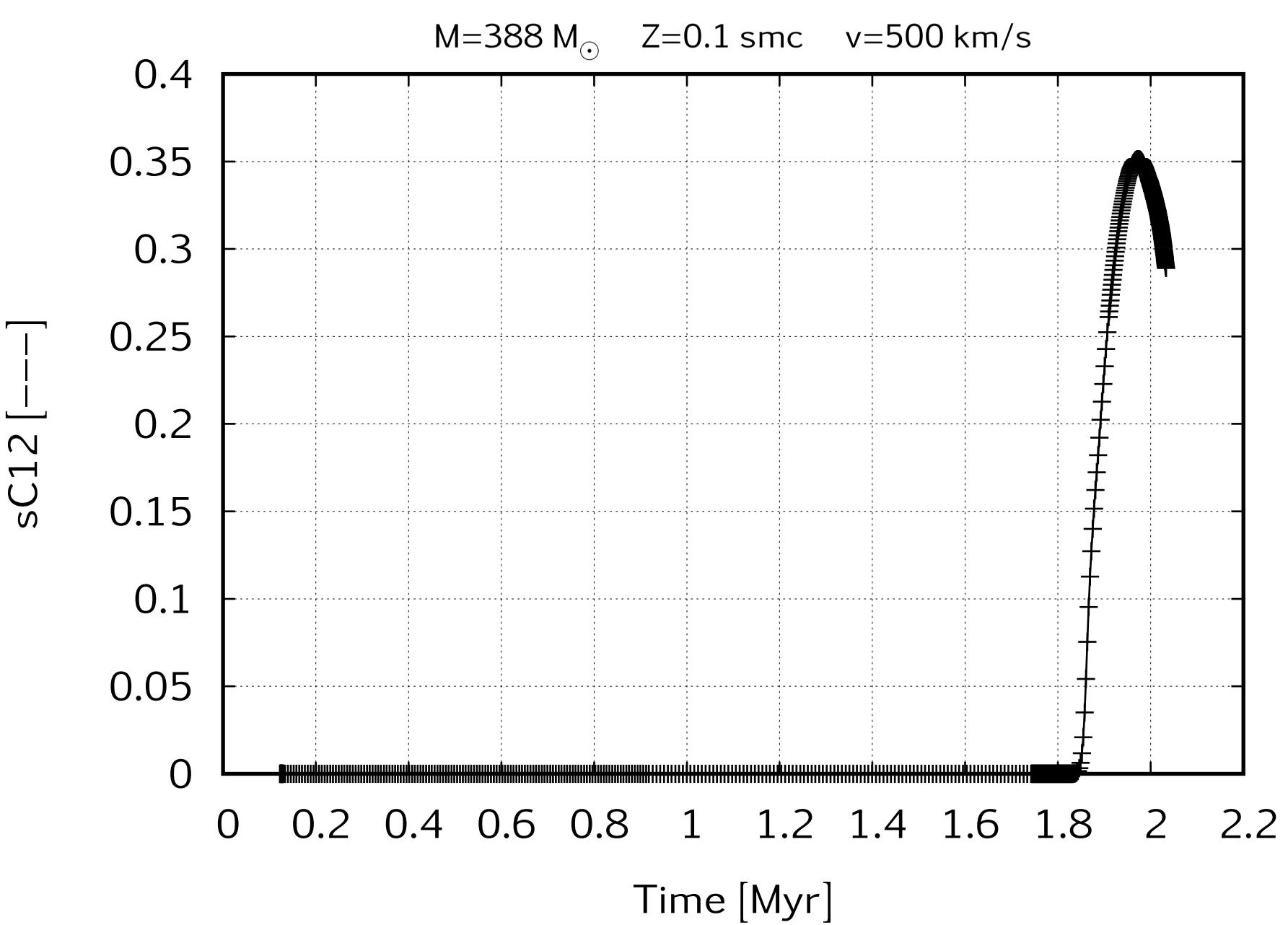

M=388 M⊙ Z=0.1 smc v=500 km/s
2.5×10−14
2×10−14
1.5×10−14
1×10−14
5×10−15
0
sBe9 [—]
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

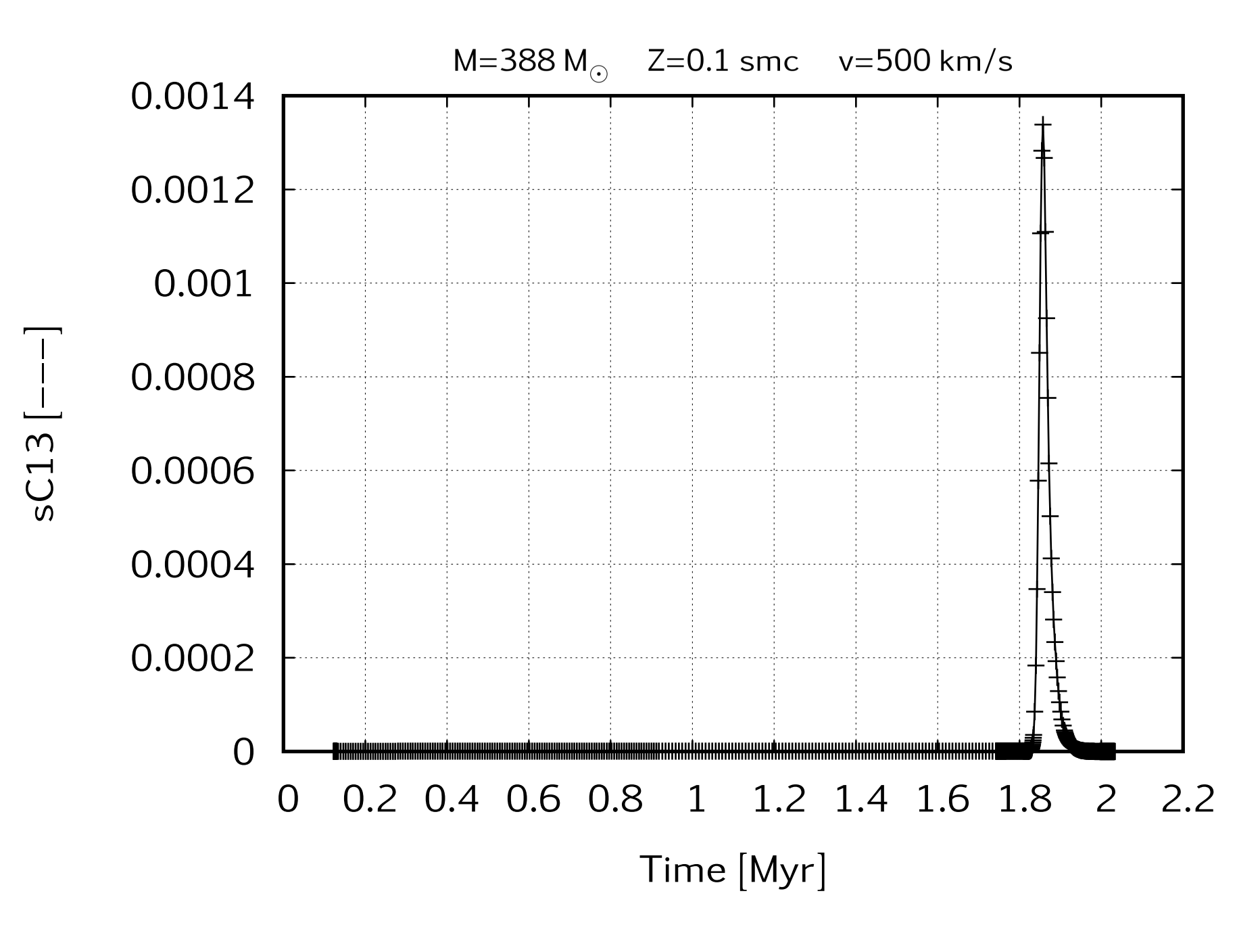

M=388 M⊙ Z=0.1 smc v=500 km/s
sB8 [---]
9×10−21
8×10−21
7×10−21
6×10−21
5×10−21
4×10−21
3×10−21
2×10−21
1×10−21
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

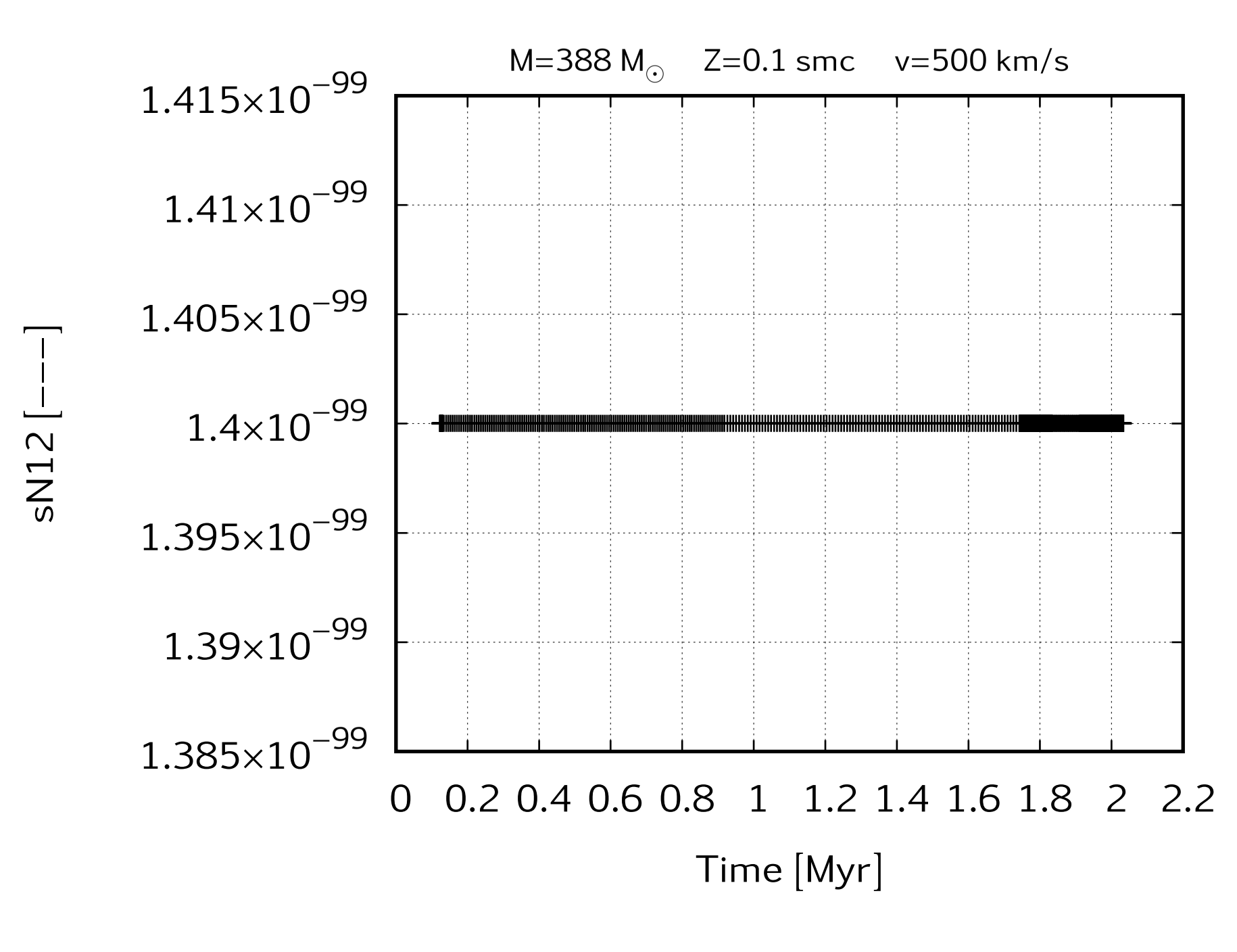

M=388 M⊙ Z=0.1 smc v=500 km/s
sB10 [---]
1.8×10−12
1.6×10−12
1.4×10−12
1.2×10−12
1×10−12
8×10−13
6×10−13
4×10−13
2×10−13
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

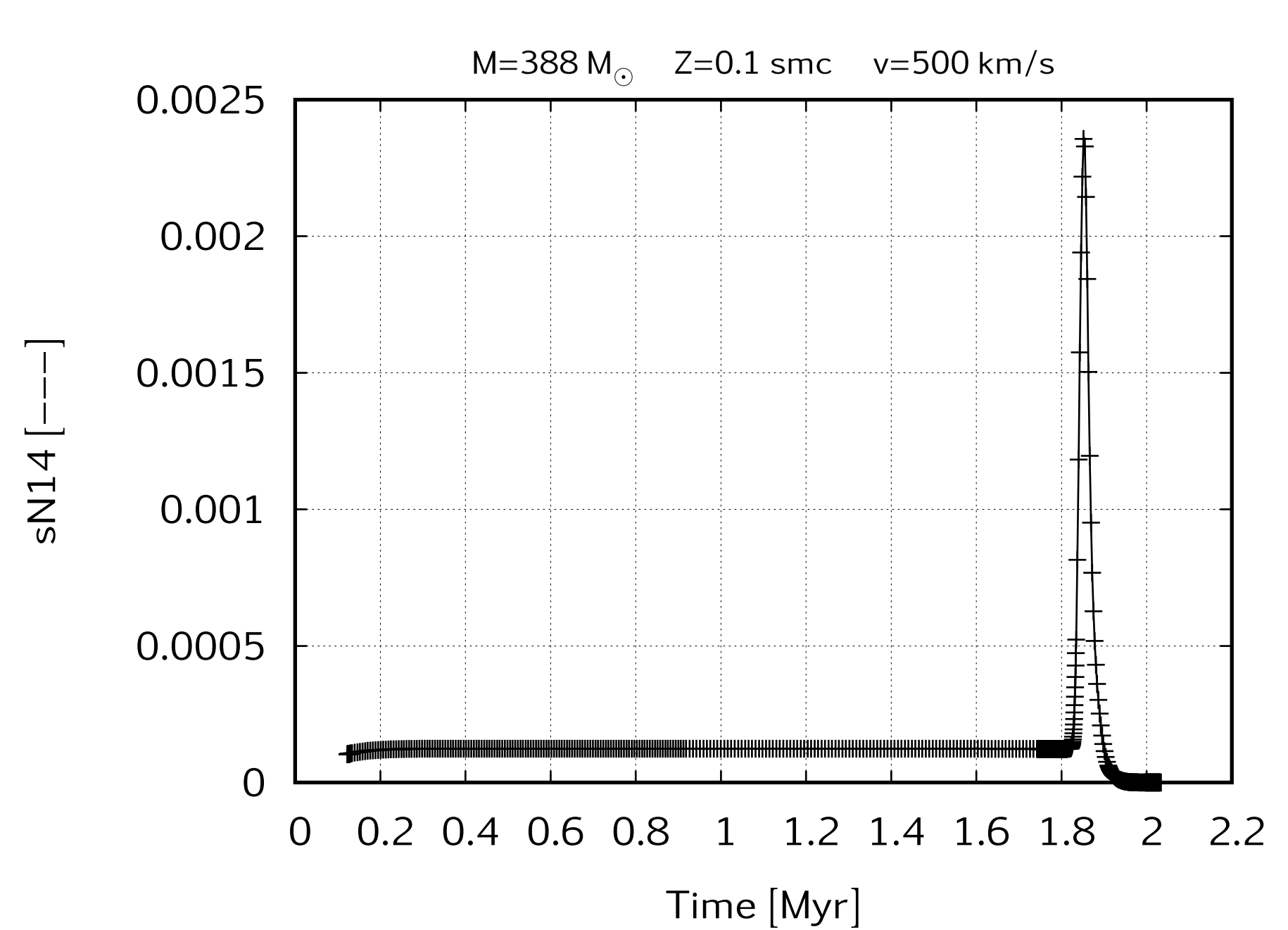

M=388 M⊙ Z=0.1 smc v=500 km/s
sB11 [---]
6×10−12
5×10−12
4×10−12
3×10−12
2×10−12
1×10−12
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

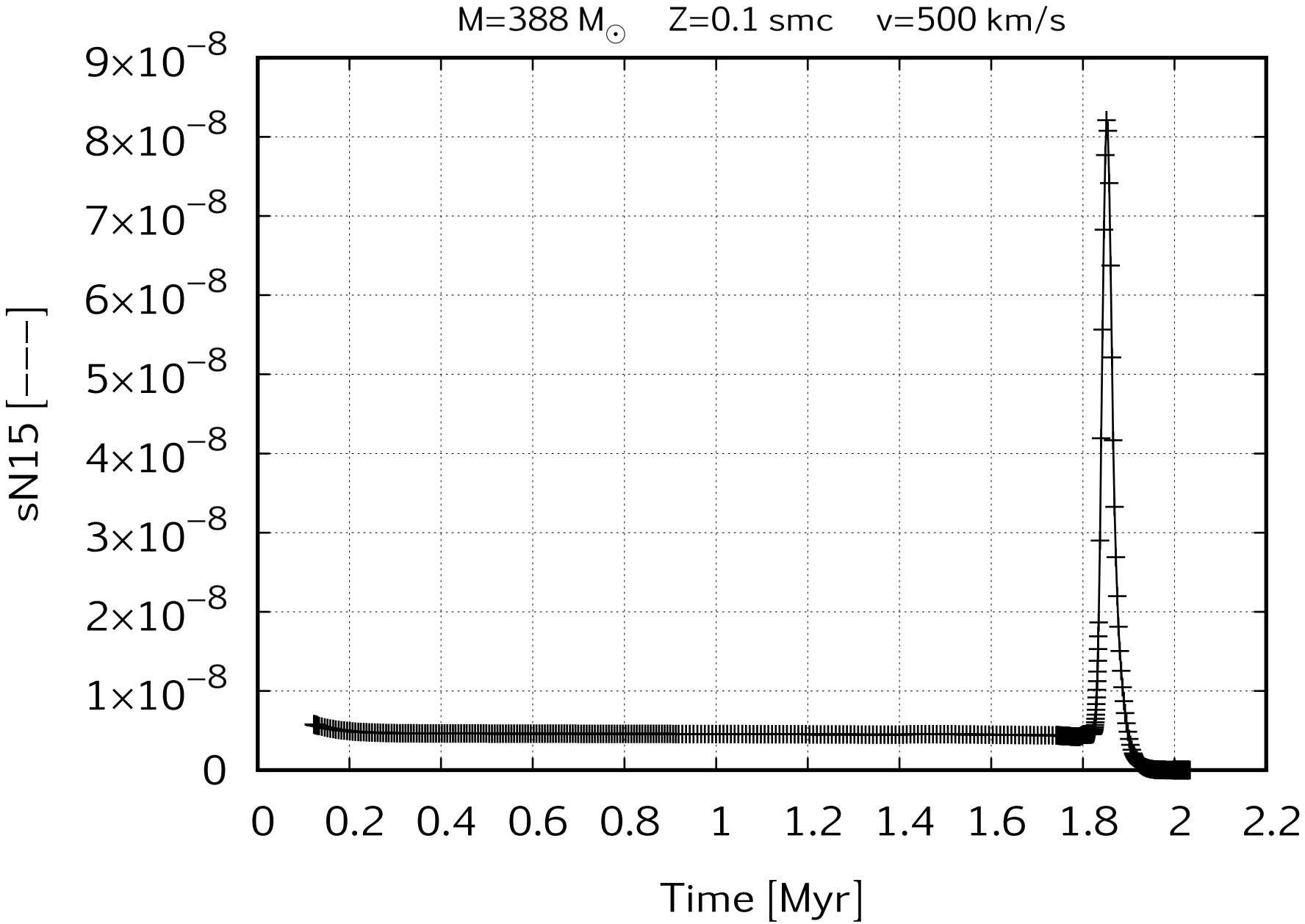

M=388 M⊙ Z=0.1 smc v=500 km/s
sC11 [---]
1×10−30
9×10−31
8×10−31
7×10−31
6×10−31
5×10−31
4×10−31
3×10−31
2×10−31
1×10−31
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

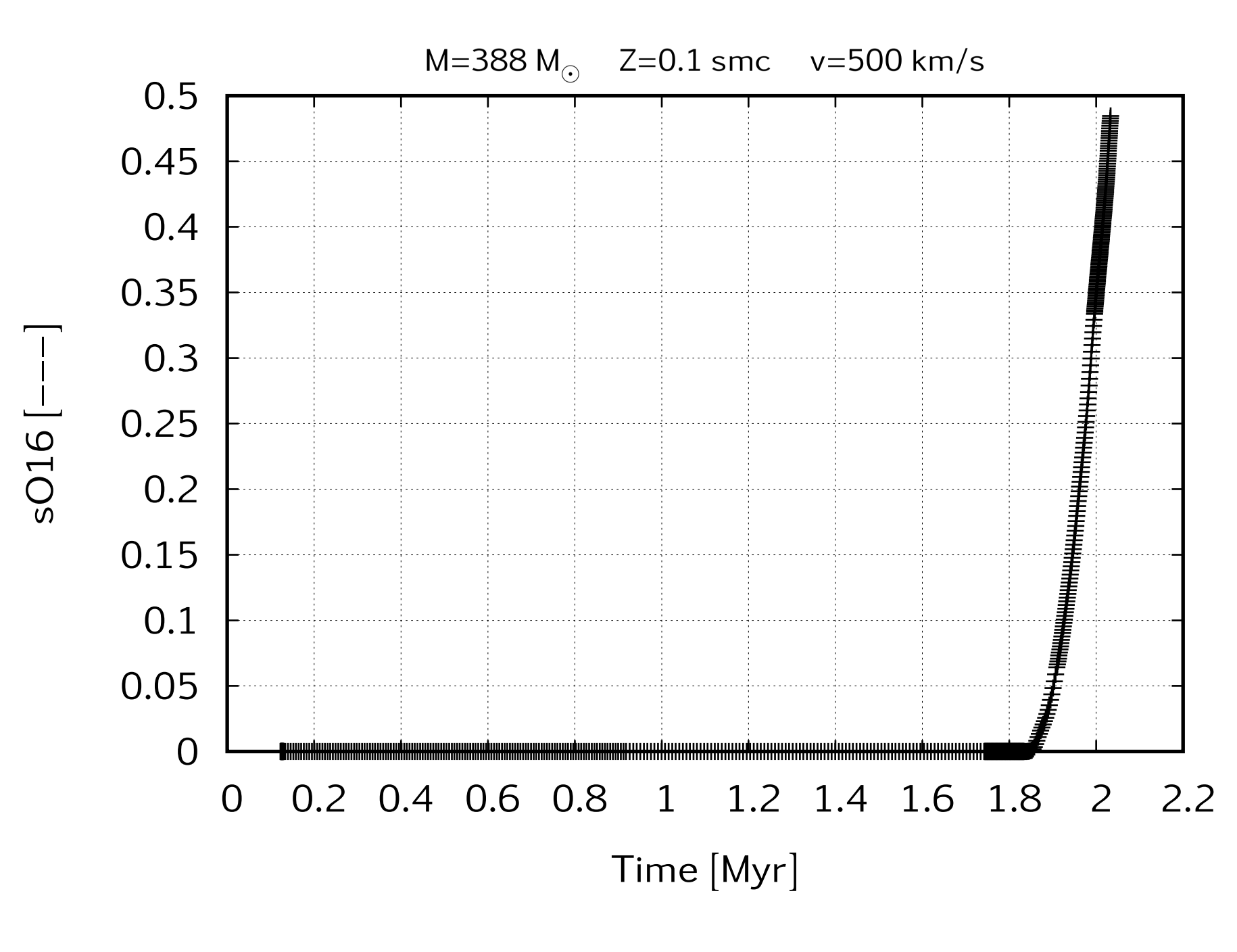

M=388 M⊙ Z=0.1 smc v=500 km/s
sC12 [---]
Time [Myr]
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2

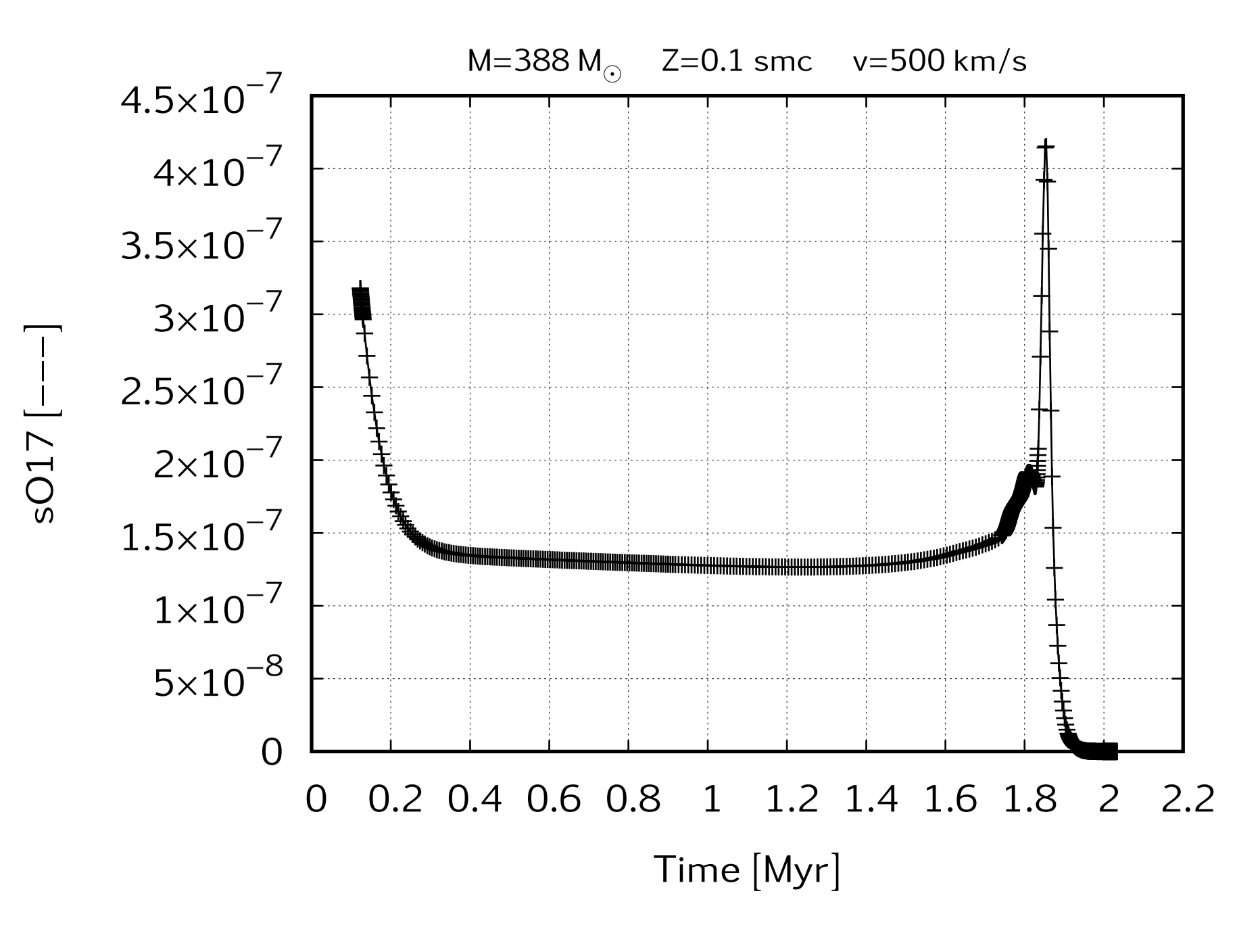

M=388 M⊙ Z=0.1 smc v=500 km/s
sC13 [---]
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

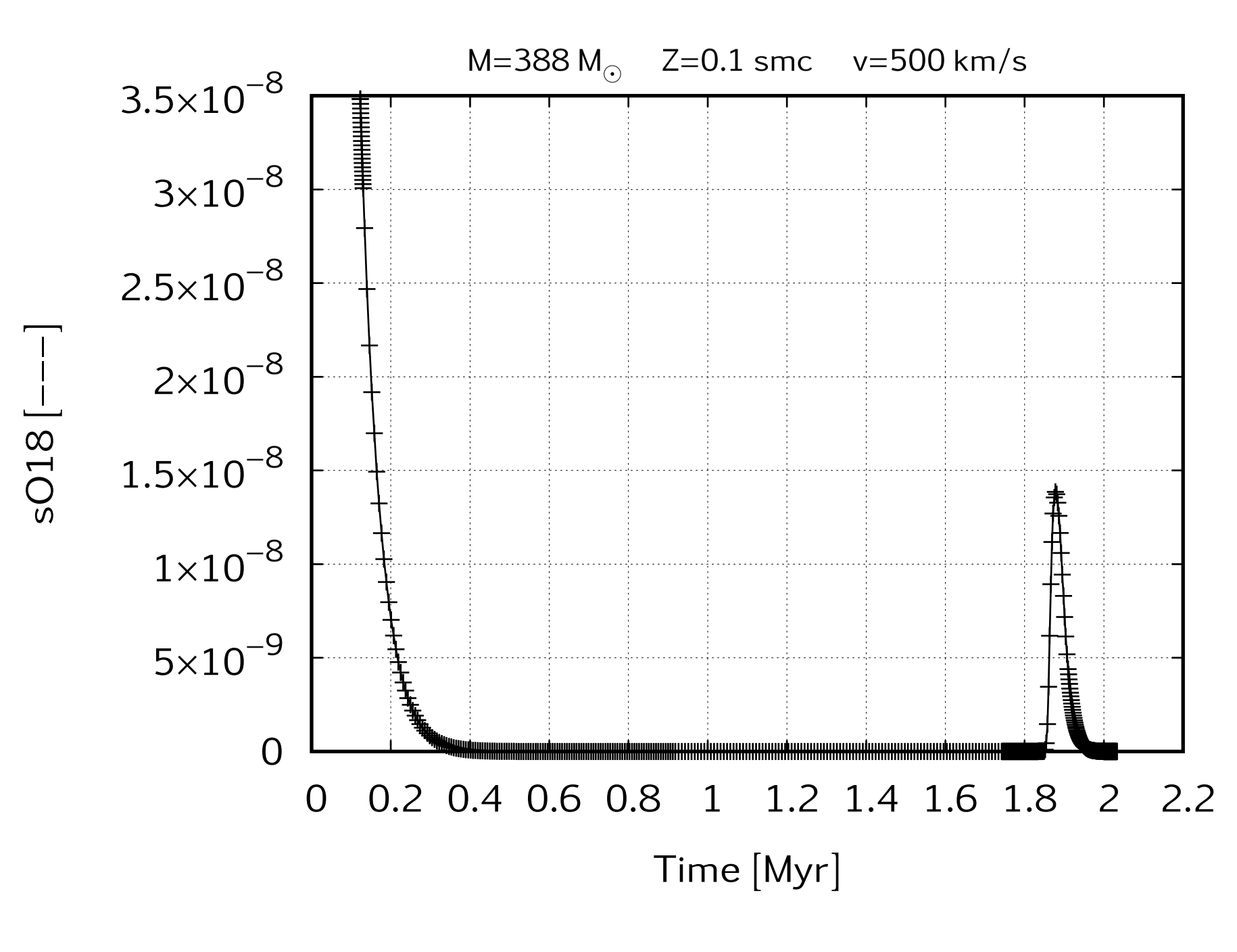

M=388 M⊙ Z=0.1 smc v=500 km/s
1.415×10−99
1.41×10−99
1.405×10−99
1.4×10−99
1.395×10−99
1.39×10−99
1.385×10−99
sN12 [———]
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

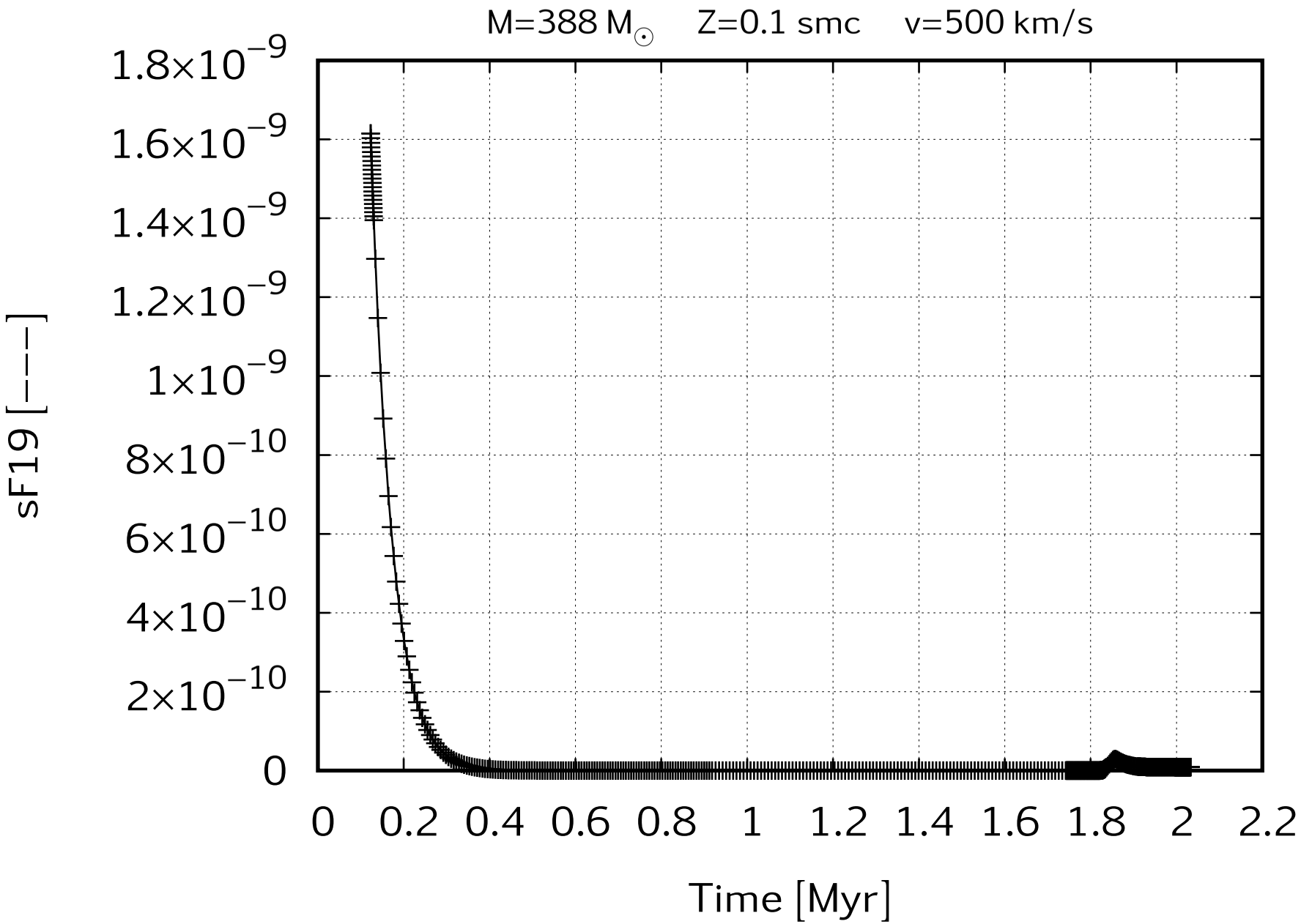

M=388 M⊙ Z=0.1 smc v=500 km/s
0.0025
0.002
0.0015
0.001
0.0005
0
sN14 [---]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

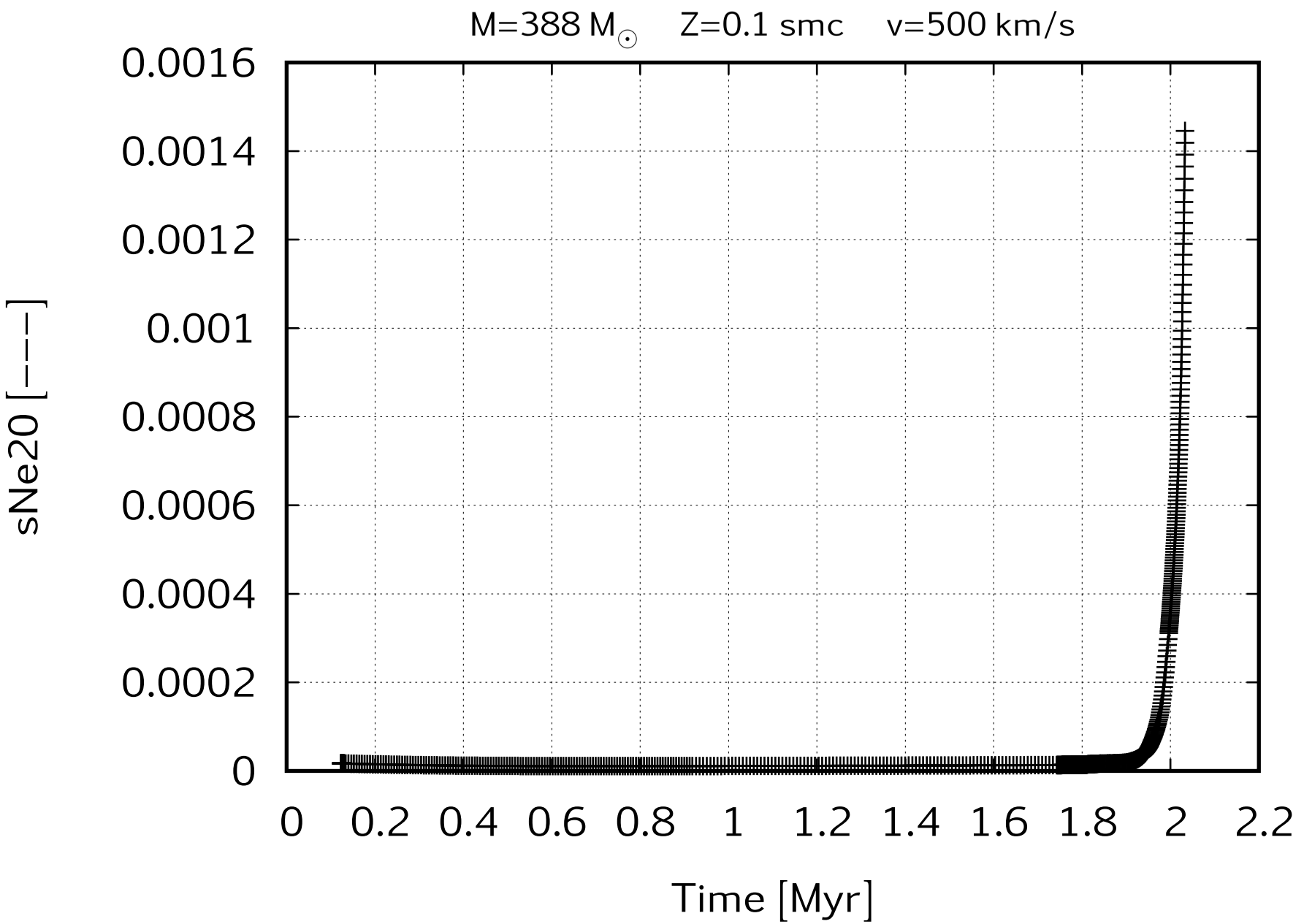

M=388 M⊙ Z=0.1 smc v=500 km/s
sN15 [---]
9×10−8
8×10−8
7×10−8
6×10−8
5×10−8
4×10−8
3×10−8
2×10−8
1×10−8
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

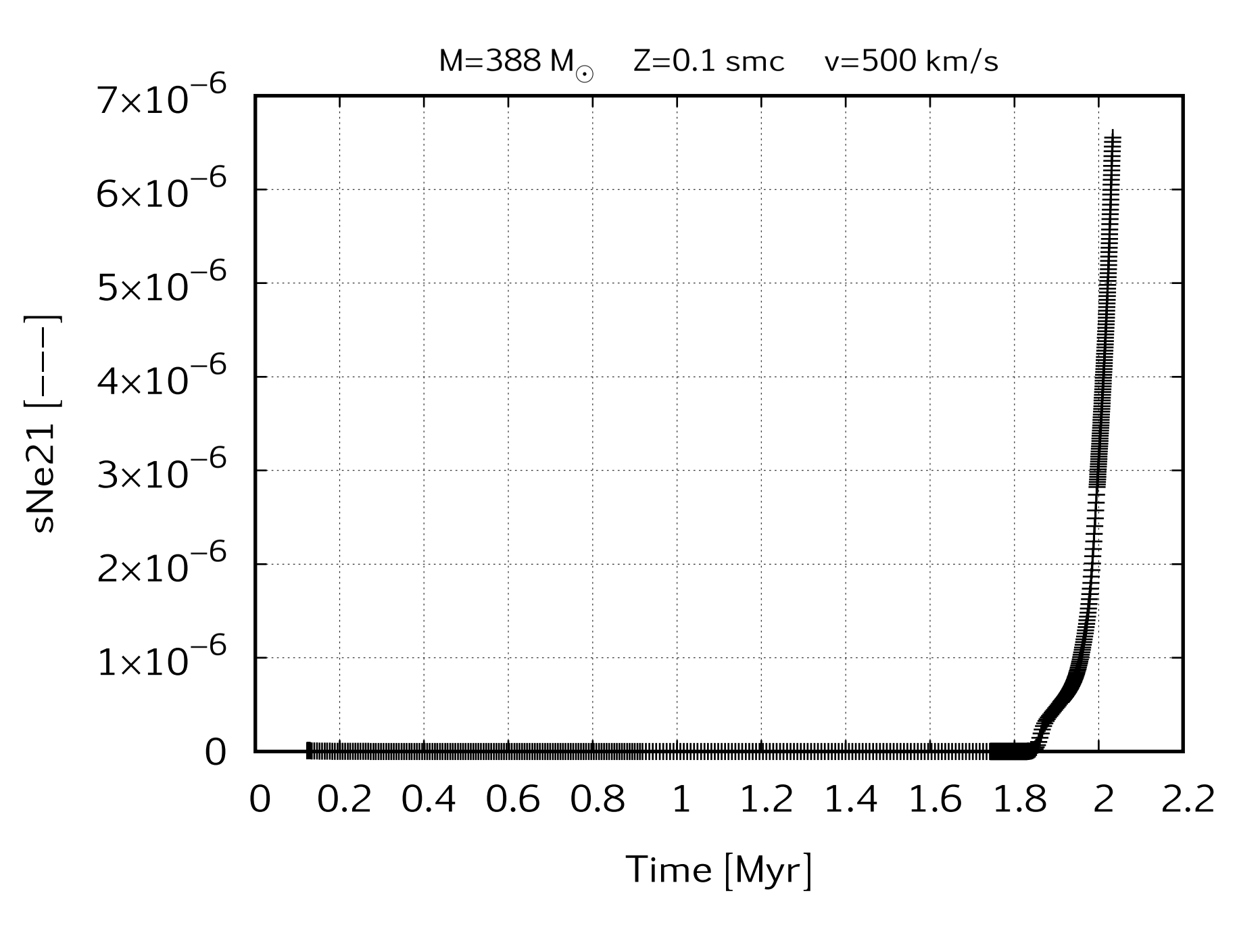

M=388 M⊙ Z=0.1 smc v=500 km/s
sO16 [---]
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

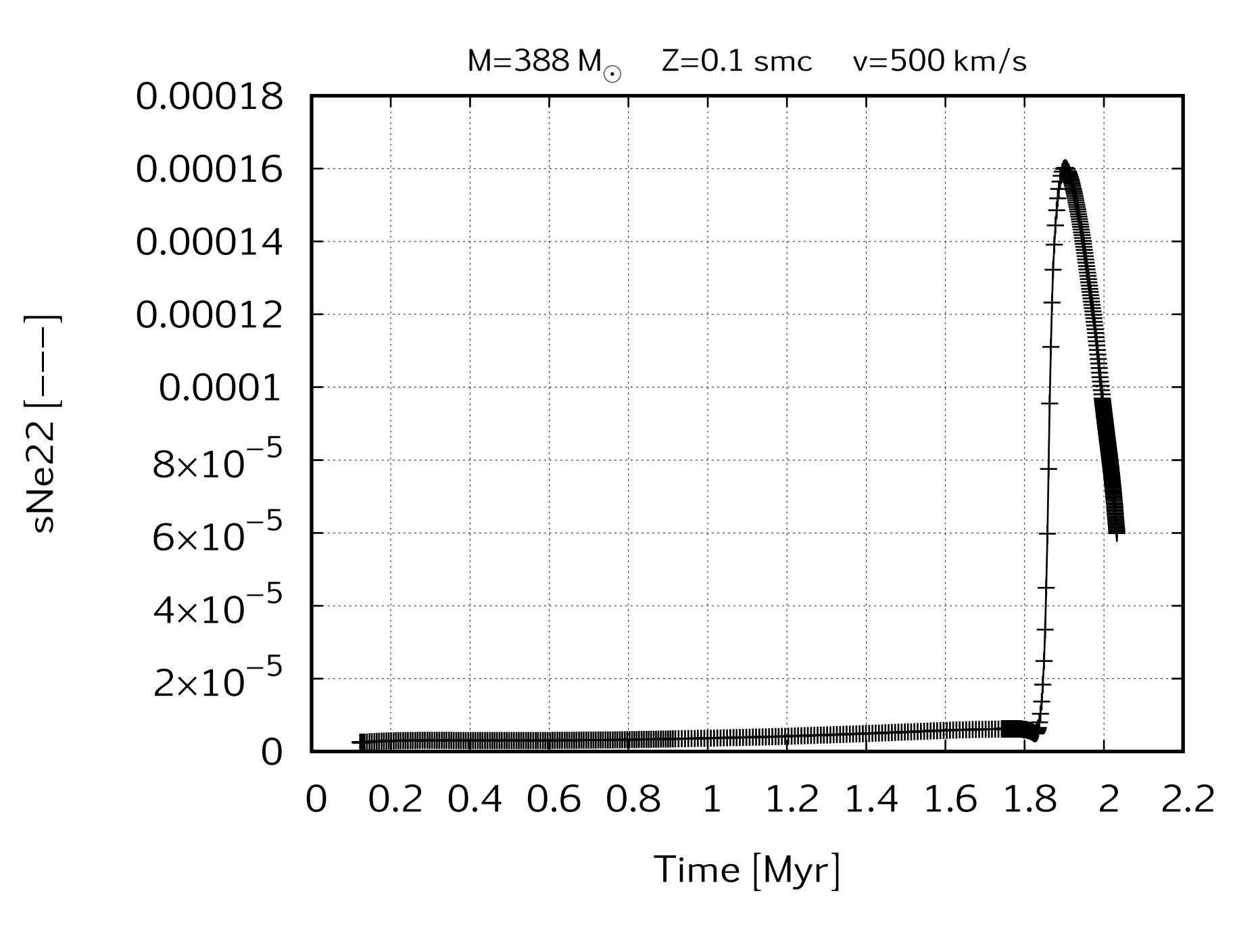

M=388 M⊙ Z=0.1 smc v=500 km/s
sO17 [---]
4.5×10−7
4×10−7
3.5×10−7
3×10−7
2.5×10−7
2×10−7
1.5×10−7
1×10−7
5×10−8
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

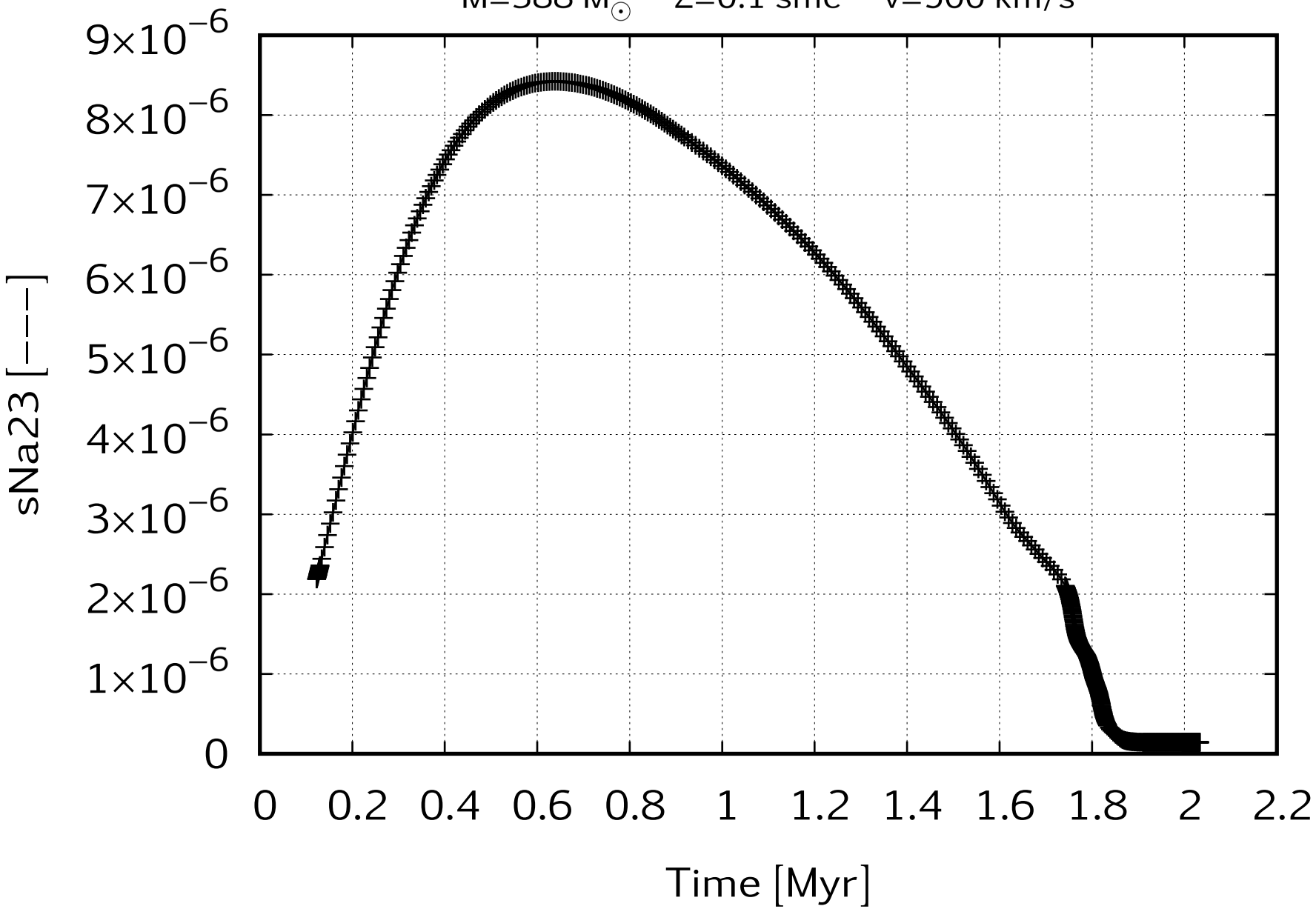

M=388 M⊙ Z=0.1 smc v=500 km/s
sO18 [---]
3.5×10−8
3×10−8
2.5×10−8
2×10−8
1.5×10−8
1×10−8
5×10−9
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

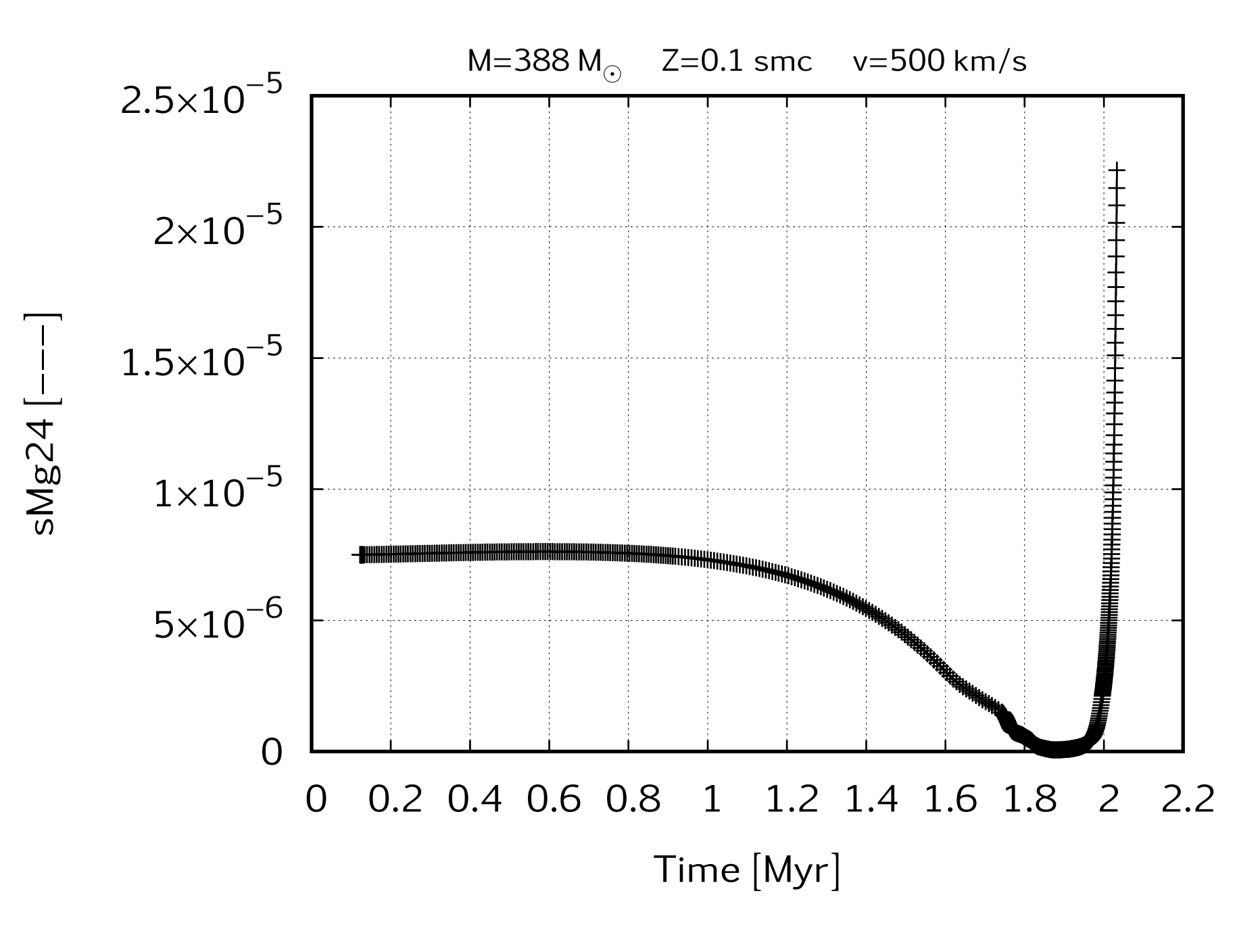

M=388 M⊙ Z=0.1 smc v=500 km/s
sF19 [———]
1.8×10−9
1.6×10−9
1.4×10−9
1.2×10−9
1×10−9
8×10−10
6×10−10
4×10−10
2×10−10
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

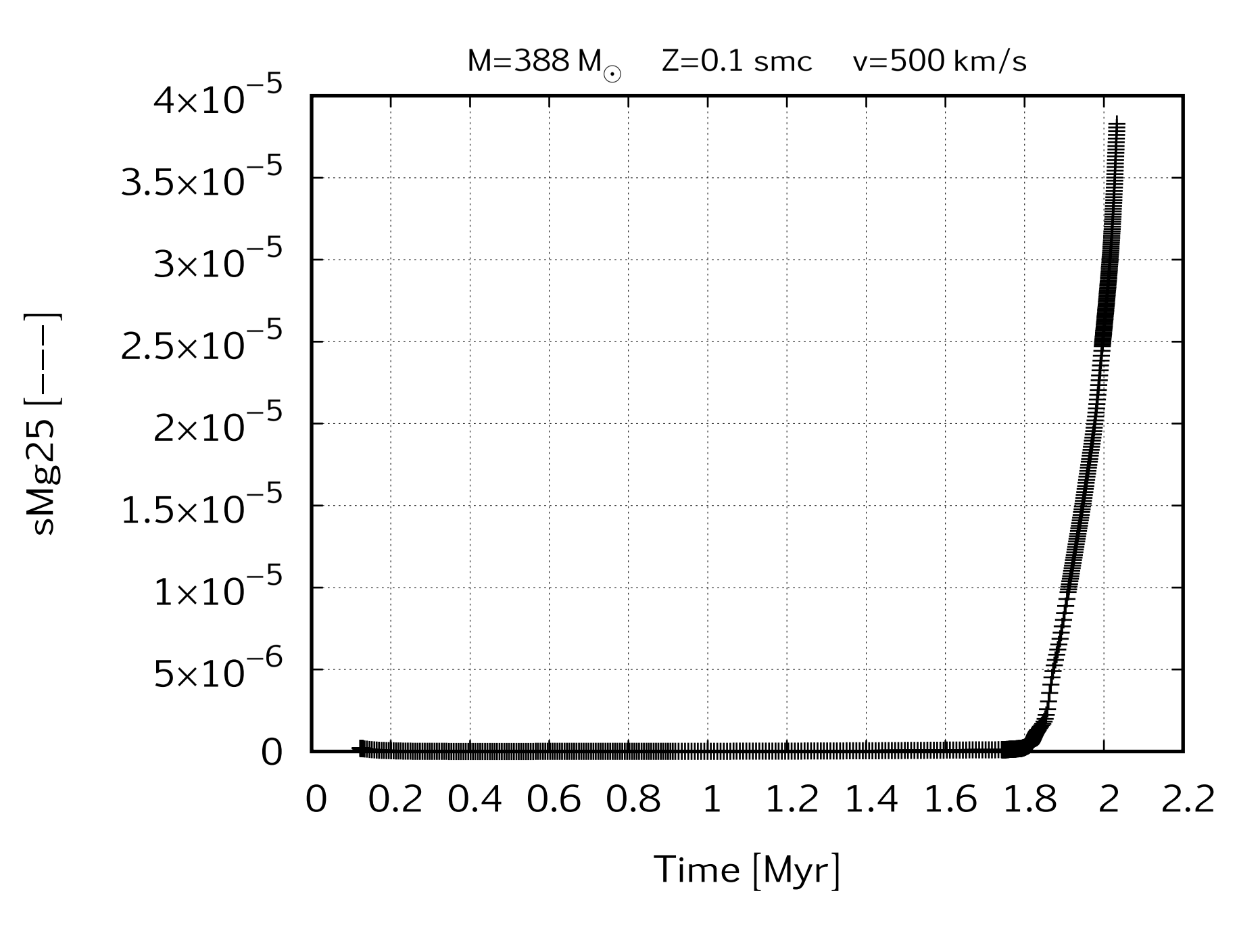

M=388 M⊙ Z=0.1 smc v=500 km/s
sNe20 [---]
0.0016
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

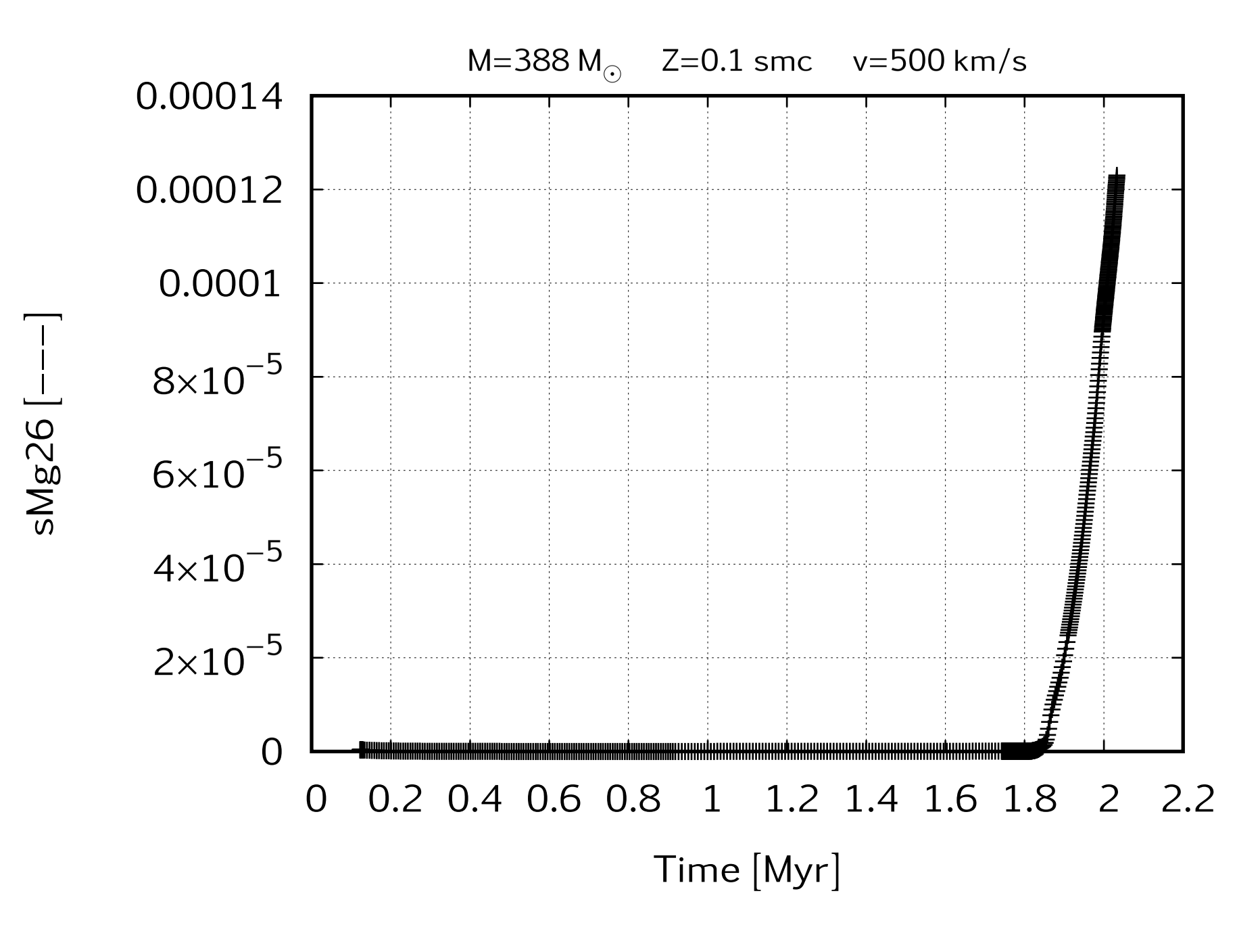

M=388 M⊙ Z=0.1 smc v=500 km/s
sNe21 [---]
7×10−6
6×10−6
5×10−6
4×10−6
3×10−6
2×10−6
1×10−6
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

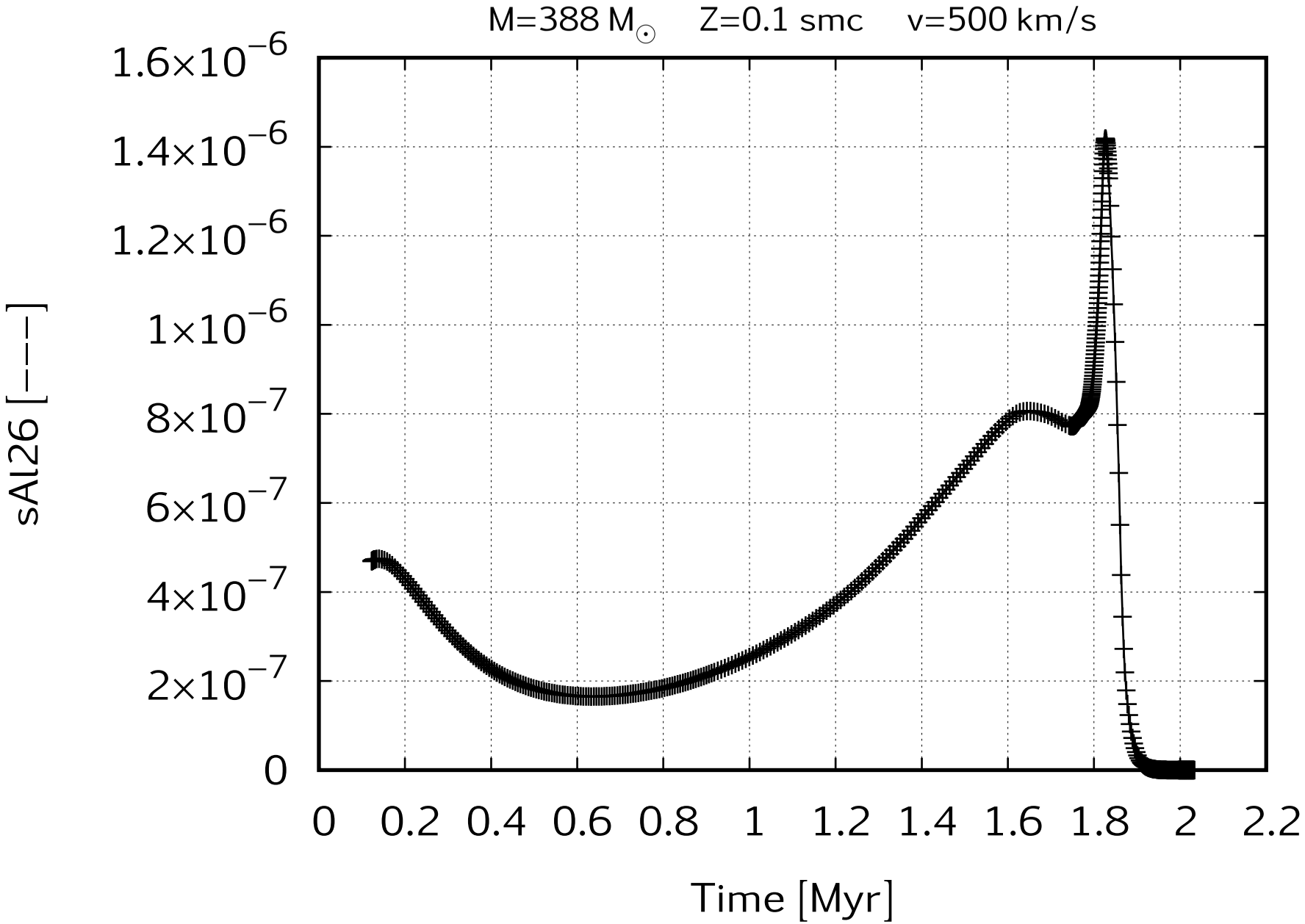

M=388 M⊙ Z=0.1 smc v=500 km/s
sNe22 [---]
0.00018
0.00016
0.00014
0.00012
0.0001
8×10−5
6×10−5
4×10−5
2×10−5
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

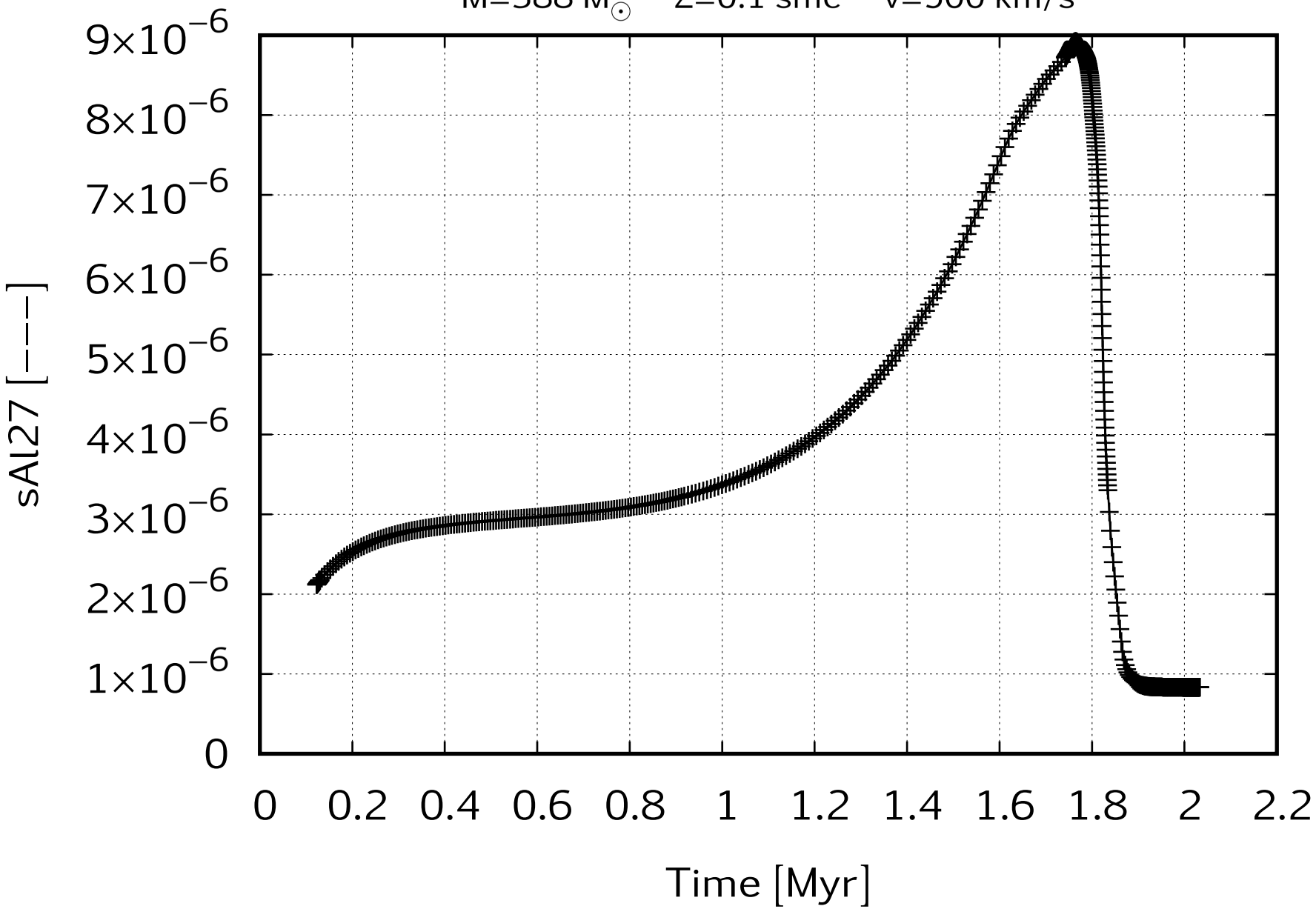

M=388 M⊙ Z=0.1 smc v=500 km/s
sNa23 [---]
9×10−6
8×10−6
7×10−6
6×10−6
5×10−6
4×10−6
3×10−6
2×10−6
1×10−6
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

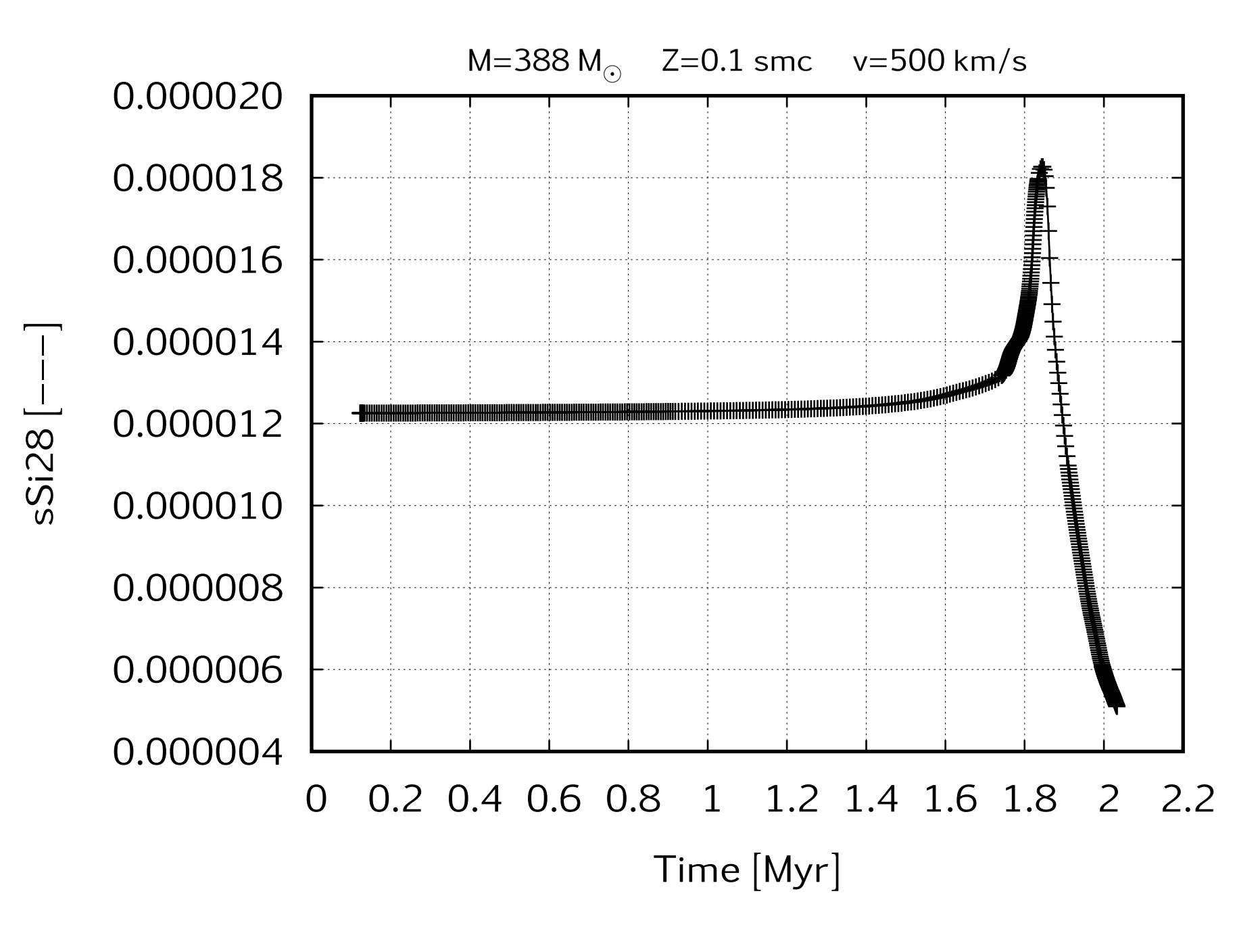

M=388 M⊙ Z=0.1 smc v=500 km/s
2.5×10−5
2×10−5
1.5×10−5
1×10−5
5×10−6
0
sMg24 [−−−]
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

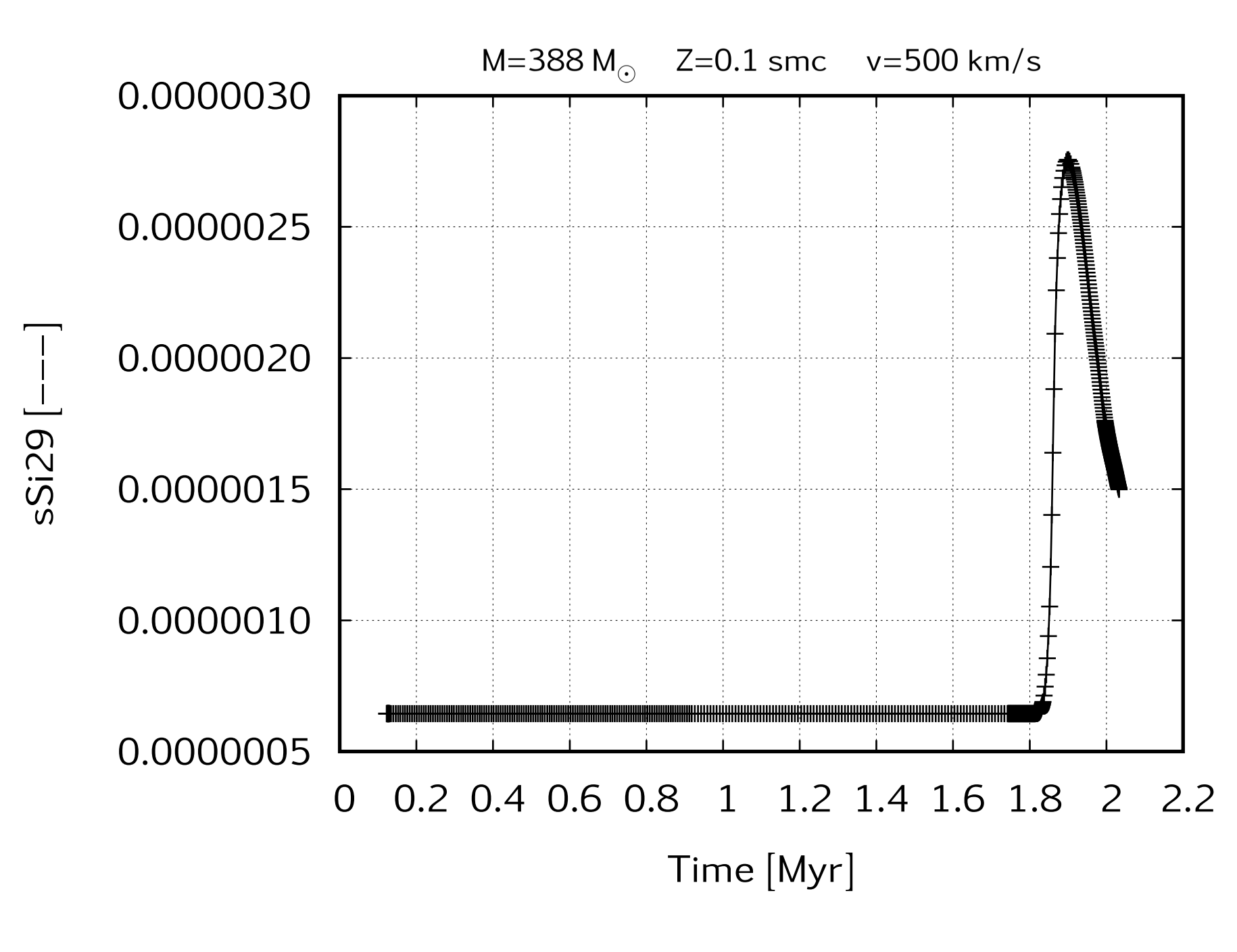

M=388 M⊙ Z=0.1 smc v=500 km/s
4×10−5
3.5×10−5
3×10−5
2.5×10−5
2×10−5
1.5×10−5
1×10−5
5×10−6
0
sMg25 [−−−]
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

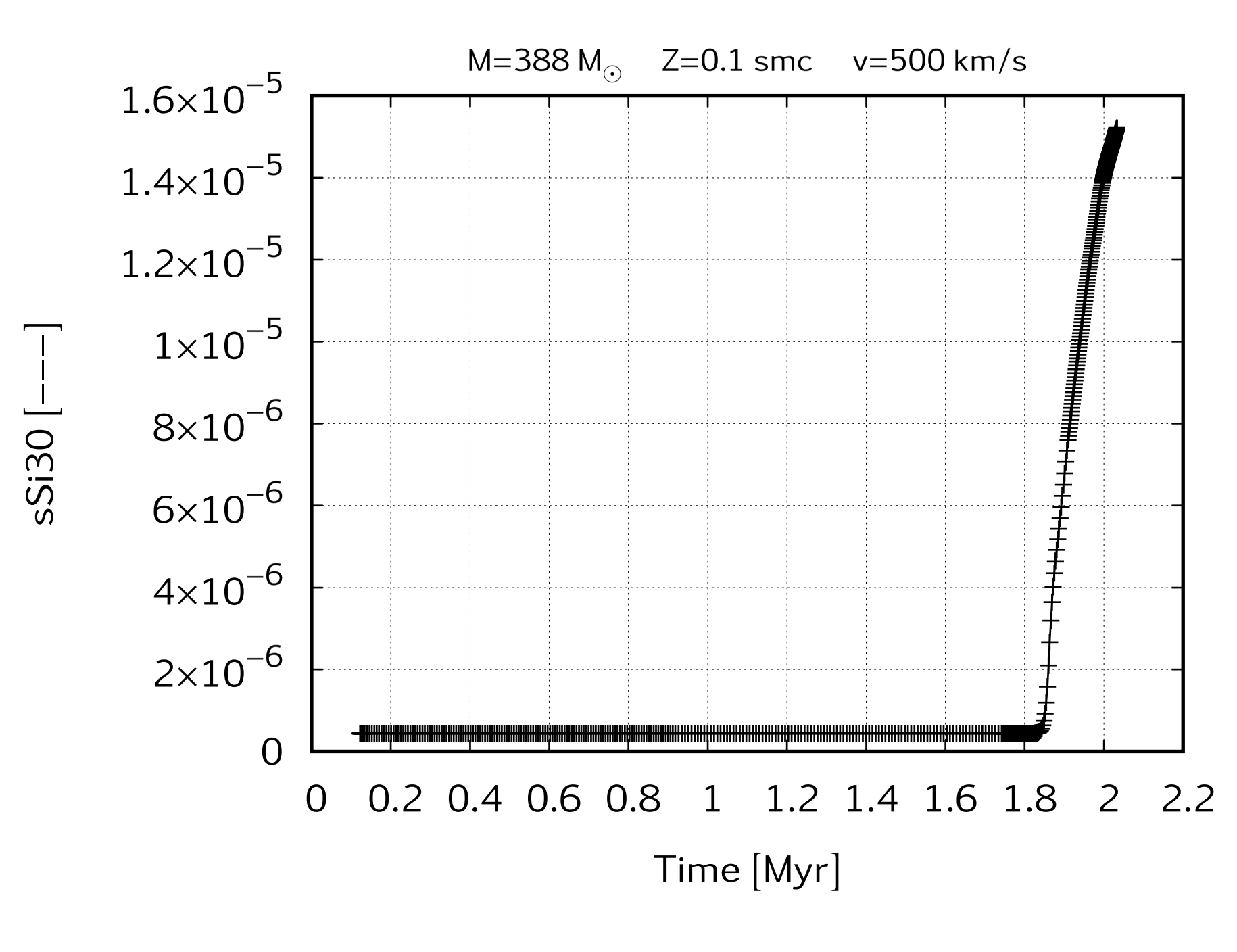

M=388 M⊙ Z=0.1 smc v=500 km/s
0.00014
0.00012
0.0001
8×10−5
6×10−5
4×10−5
2×10−5
0
sMg26 [−−−]
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

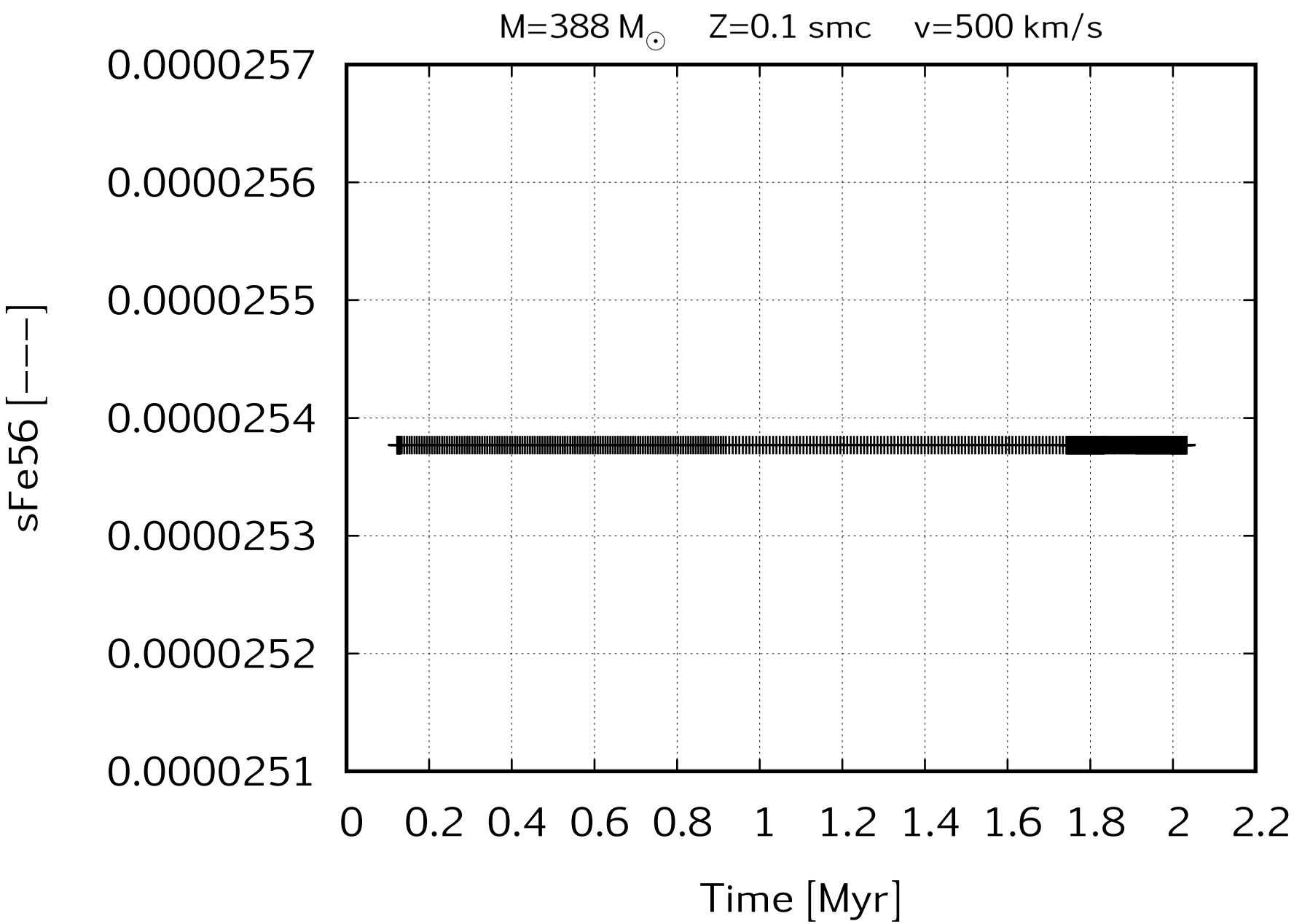

M=388 M⊙ Z=0.1 smc v=500 km/s
sAl26 [---]
1.6×10−6
1.4×10−6
1.2×10−6
1×10−6
8×10−7
6×10−7
4×10−7
2×10−7
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

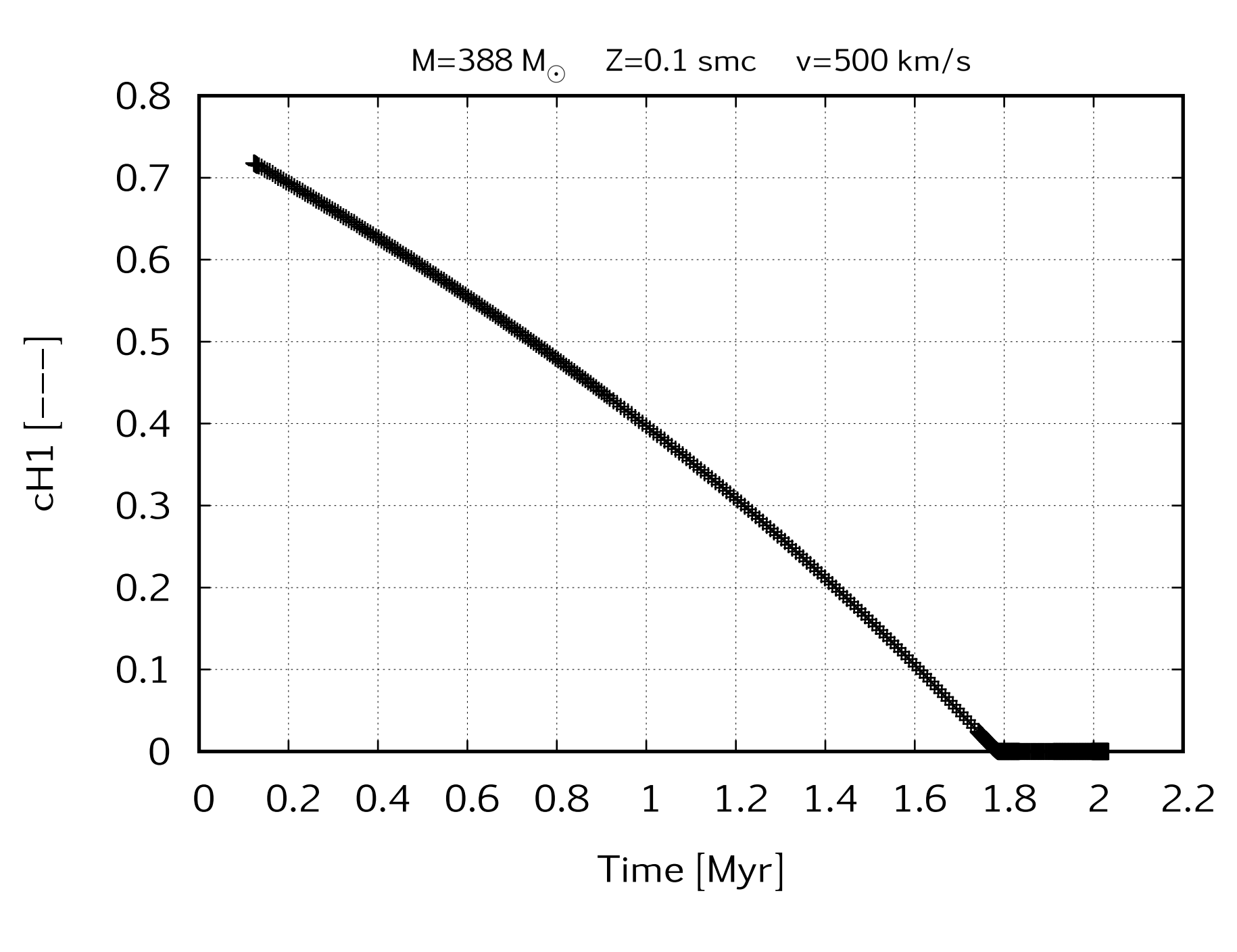

M=388 M⊙ Z=0.1 smc v=500 km/s
sAl27 [−−−]
9×10−6
8×10−6
7×10−6
6×10−6
5×10−6
4×10−6
3×10−6
2×10−6
1×10−6
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

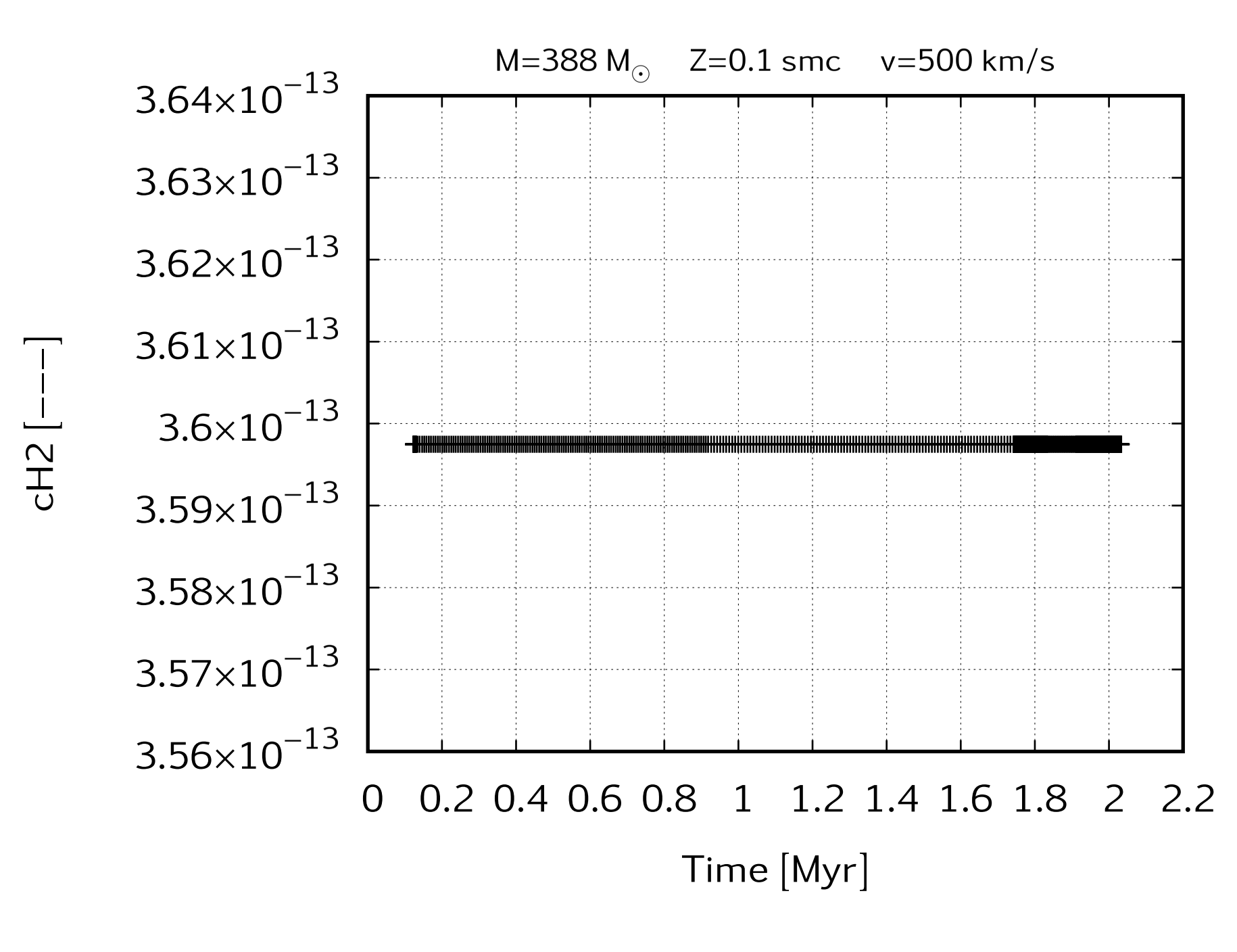

M=388 M⊙ Z=0.1 smc v=500 km/s
sSi28 [---]
0.000020
0.000018
0.000016
0.000014
0.000012
0.000010
0.000008
0.000006
0.000004
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

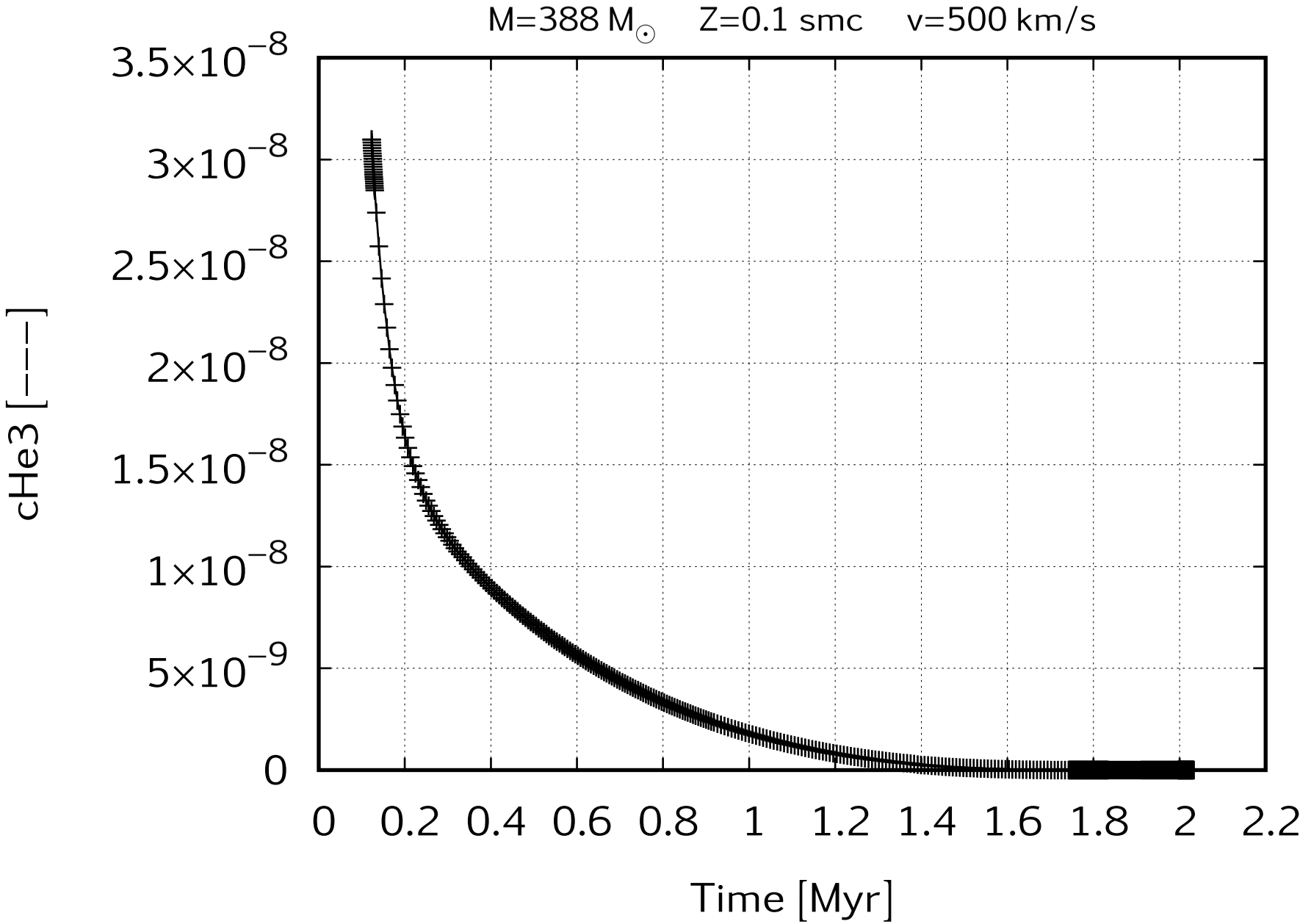

M=388 M⊙ Z=0.1 smc v=500 km/s
0.0000030
0.0000025
0.0000020
0.0000015
0.0000010
0.0000005
sSi29 [---]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

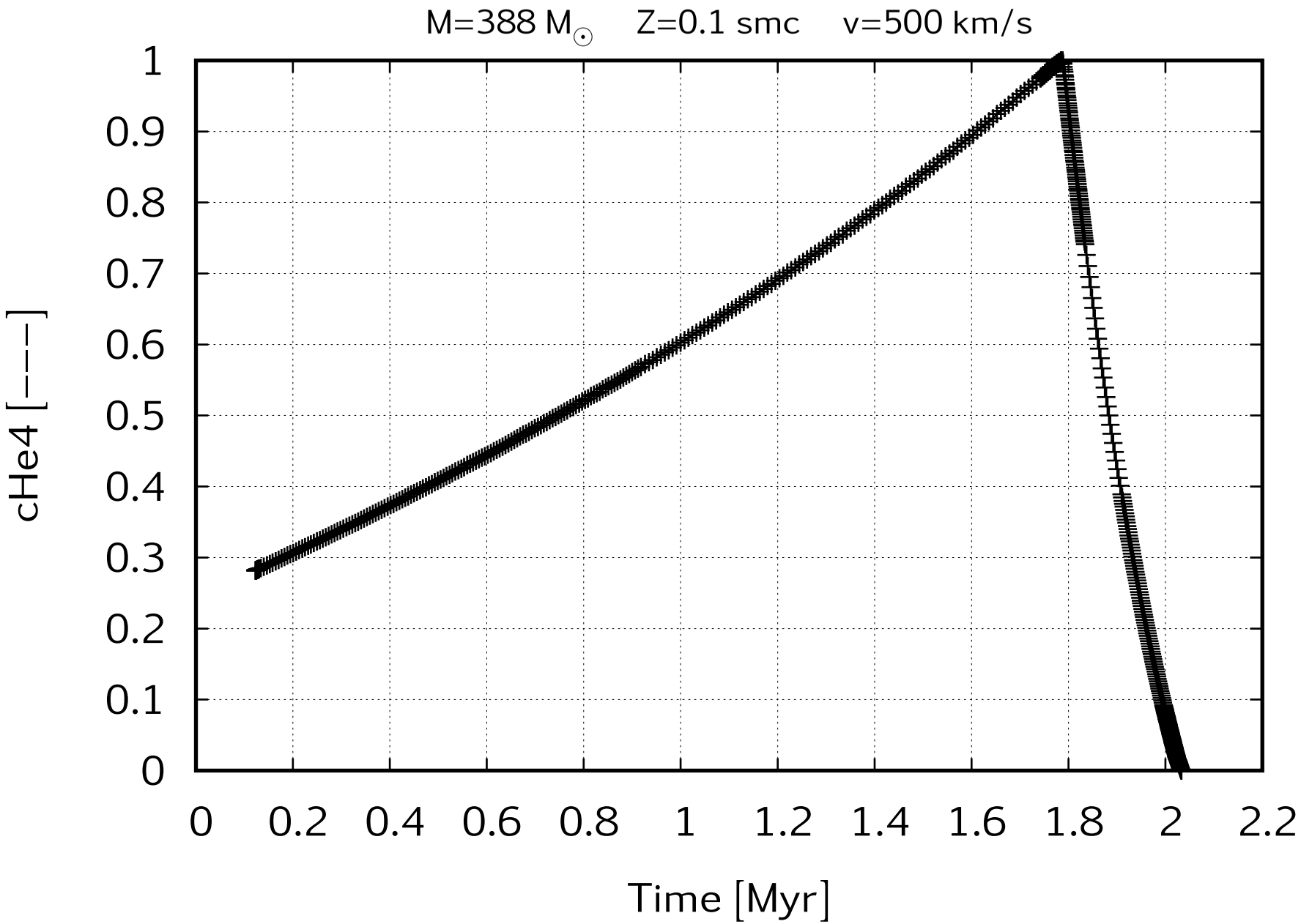

M=388 M⊙ Z=0.1 smc v=500 km/s
sSi30 [---]
1.6×10−5
1.4×10−5
1.2×10−5
1×10−5
8×10−6
6×10−6
4×10−6
2×10−6
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

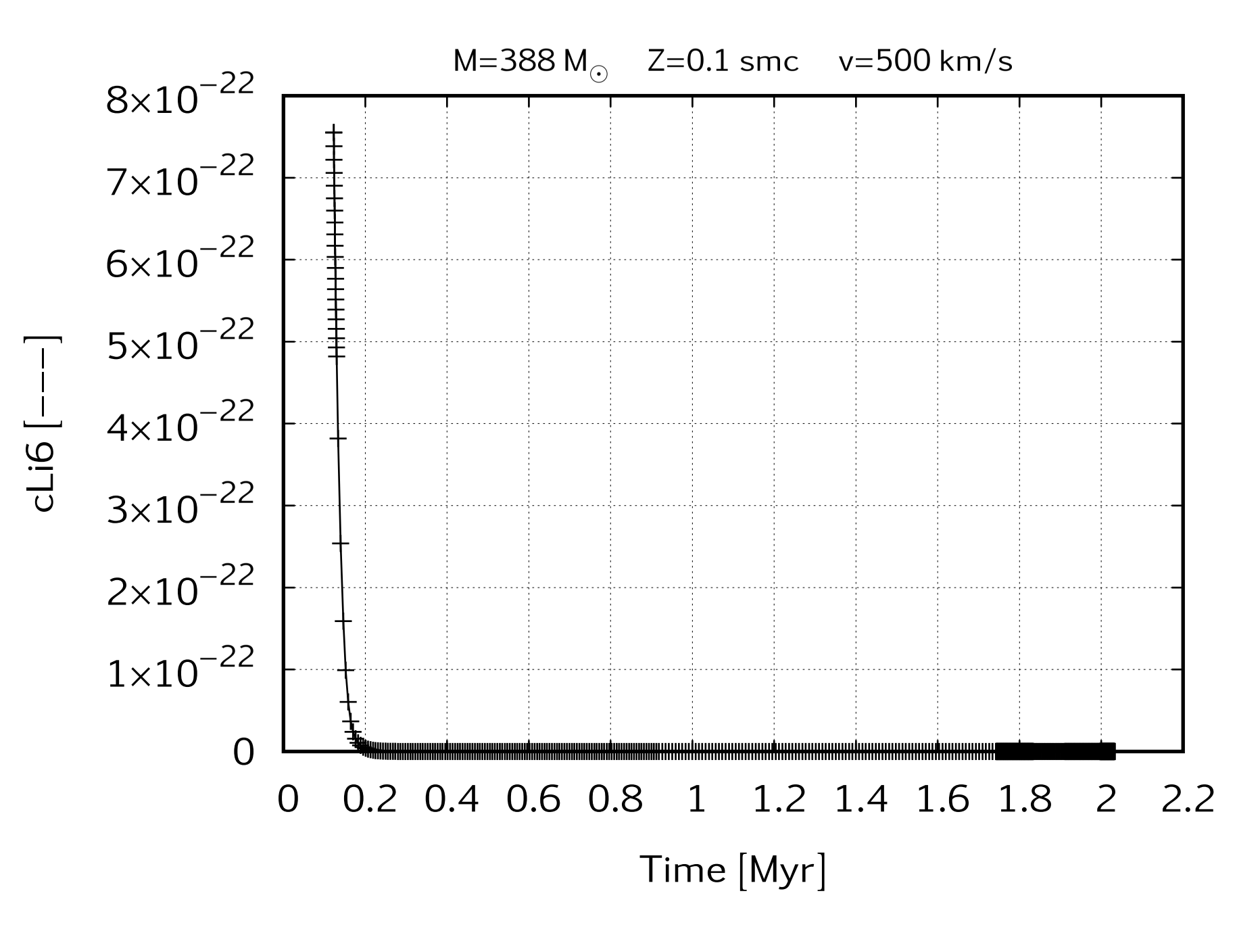

M=388 M⊙ Z=0.1 smc v=500 km/s
0.0000257
0.0000256
0.0000255
0.0000254
0.0000253
0.0000252
0.0000251
sFe56 [---]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

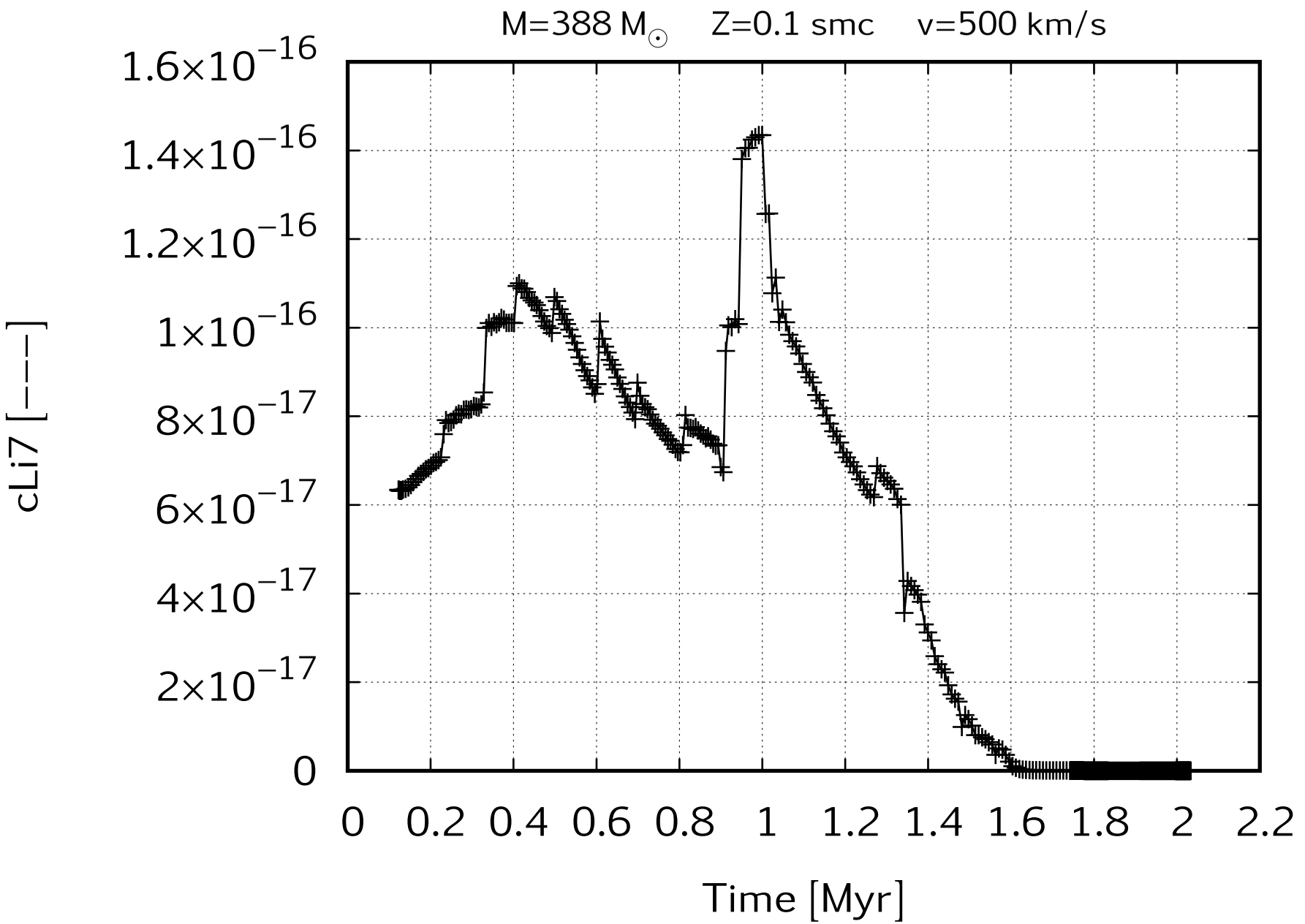

M=388 M⊙ Z=0.1 smc v=500 km/s
cH1 [---]
Time [Myr]
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2

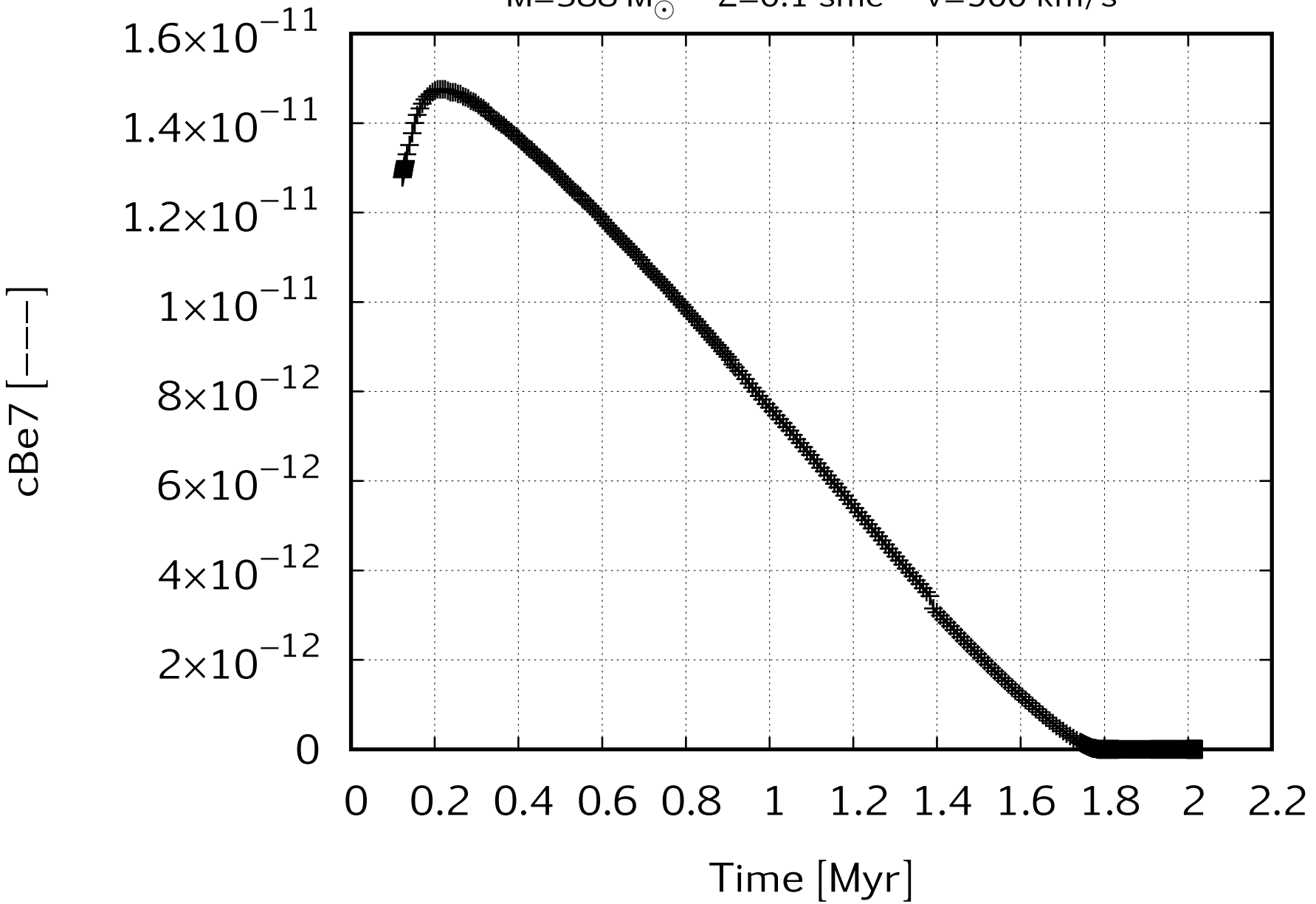

M=388 M⊙ Z=0.1 smc v=500 km/s
cH2 [---]
3.64×10−13
3.63×10−13
3.62×10−13
3.61×10−13
3.6×10−13
3.59×10−13
3.58×10−13
3.57×10−13
3.56×10−13
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

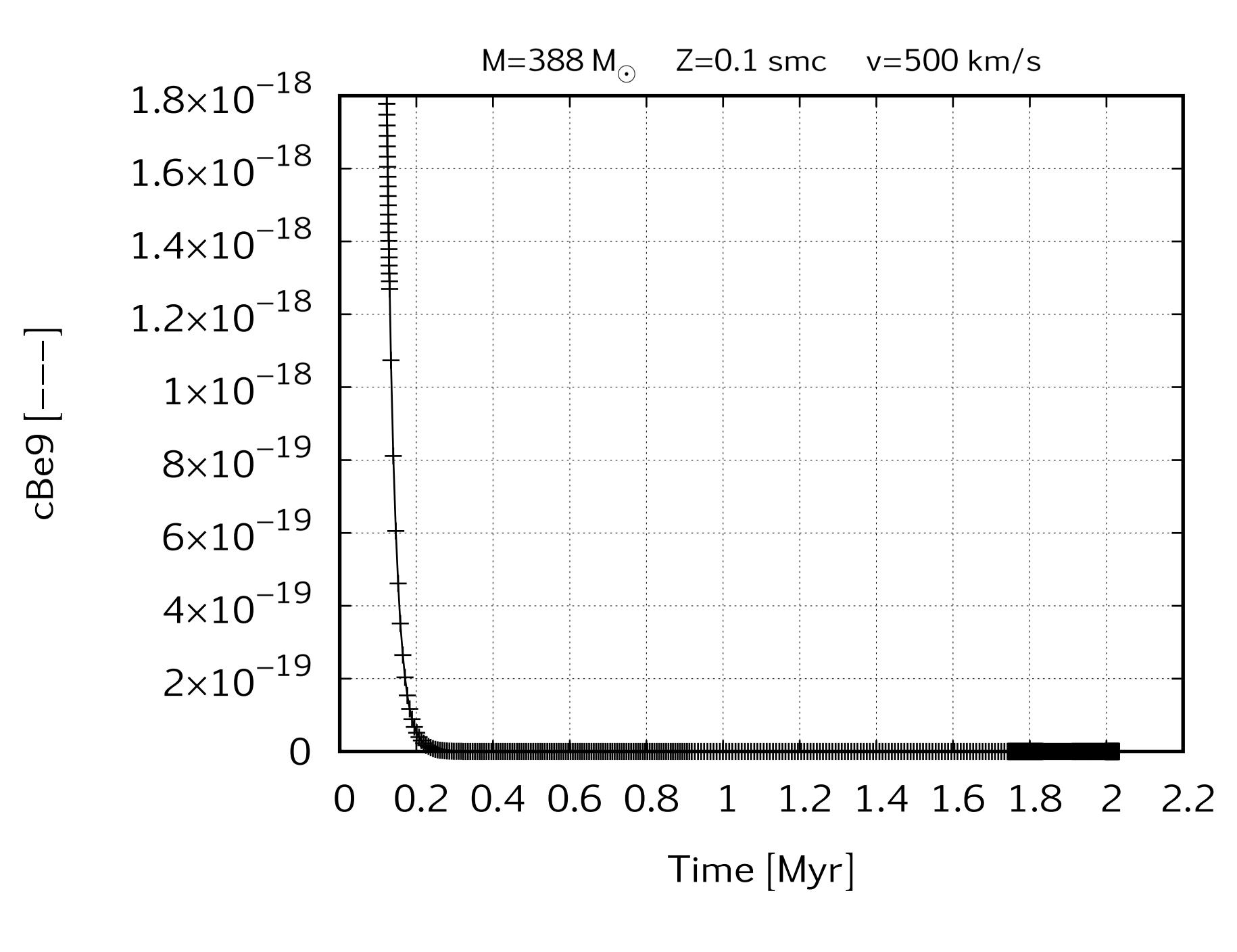

M=388 M⊙ Z=0.1 smc v=500 km/s
cHe3 [---]
3.5×10−8
3×10−8
2.5×10−8
2×10−8
1.5×10−8
1×10−8
5×10−9
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

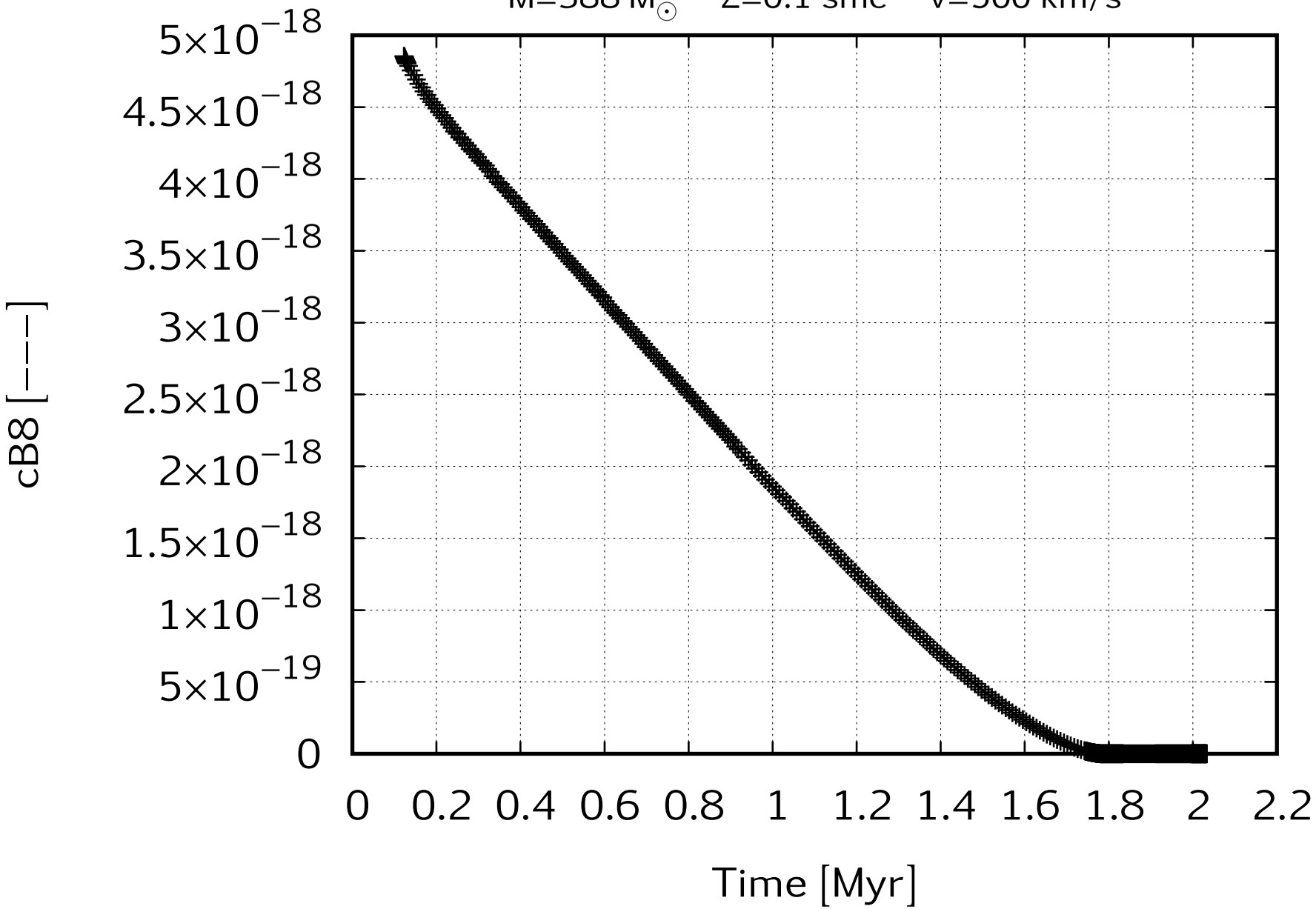

M=388 M⊙ Z=0.1 smc v=500 km/s
cHe4 [---]
Time [Myr]
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2

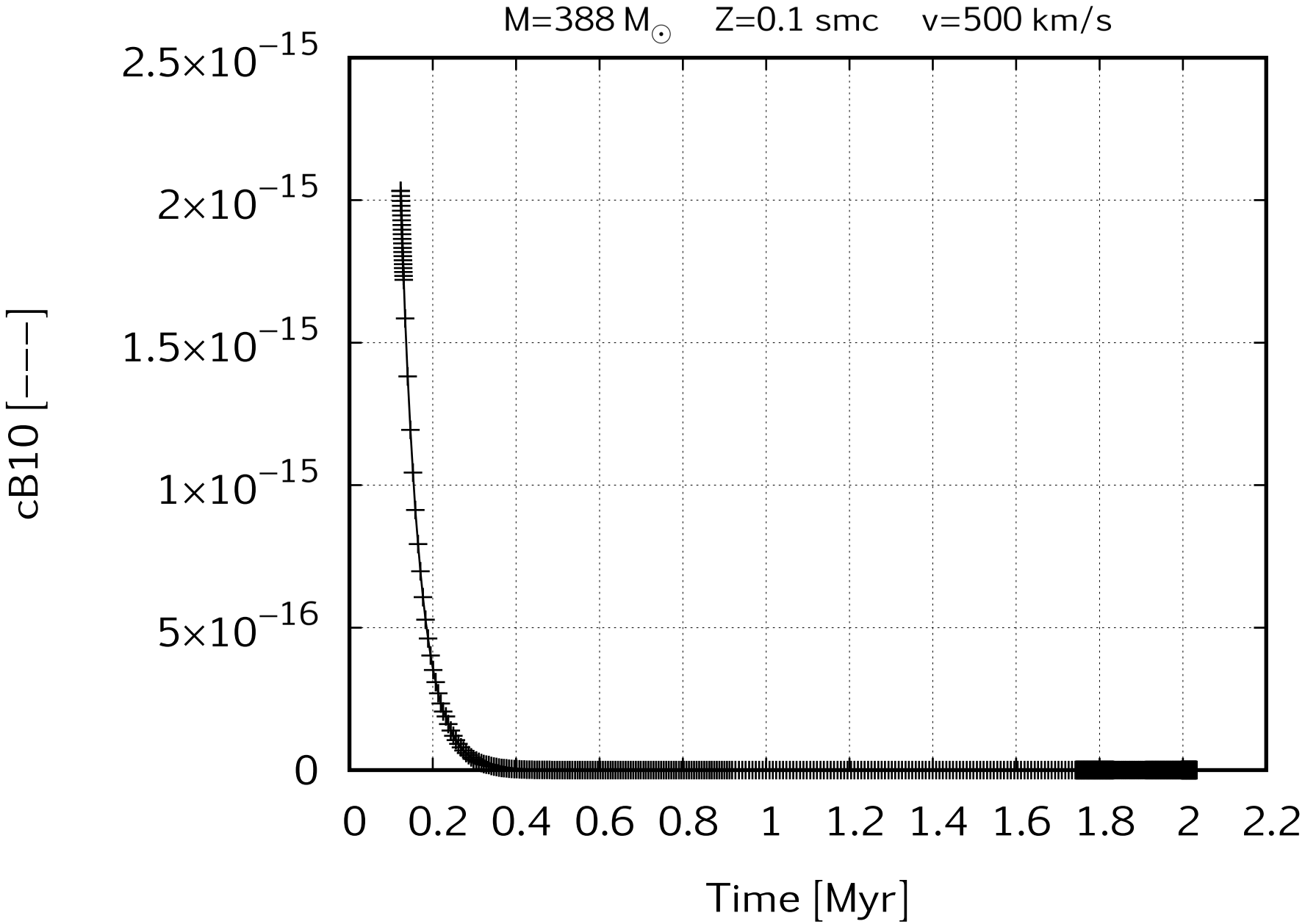

M=388 M⊙ Z=0.1 smc v=500 km/s
cLi6 [---]
8×10−22
7×10−22
6×10−22
5×10−22
4×10−22
3×10−22
2×10−22
1×10−22
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

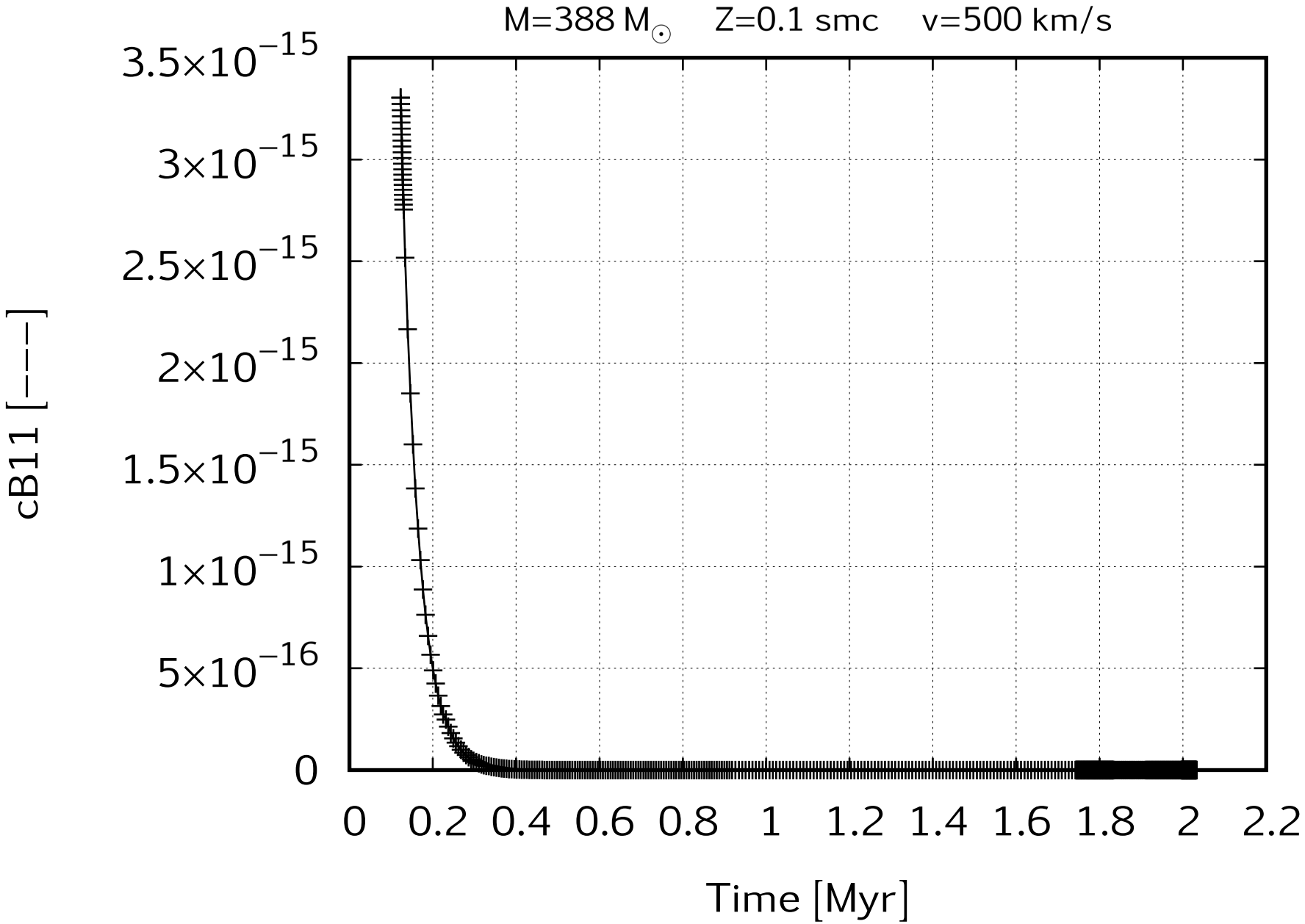

M=388 M⊙ Z=0.1 smc v=500 km/s
cLi7 [---]
1.6×10−16
1.4×10−16
1.2×10−16
1×10−16
8×10−17
6×10−17
4×10−17
2×10−17
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

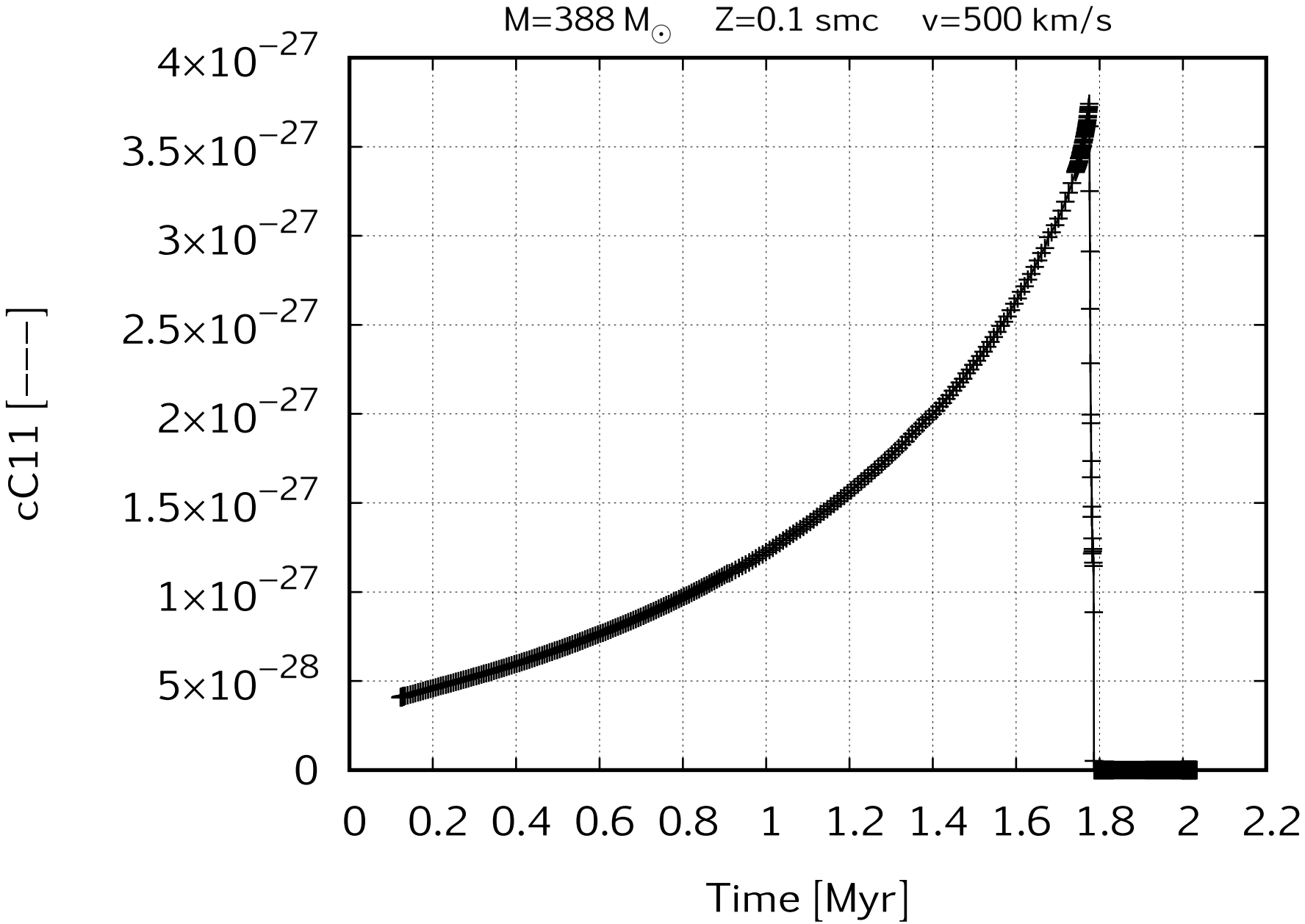

M=388 M⊙ Z=0.1 smc v=500 km/s
1.6×10−11
1.4×10−11
1.2×10−11
1×10−11
8×10−12
6×10−12
4×10−12
2×10−12
0
cBe7 [−−−]
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

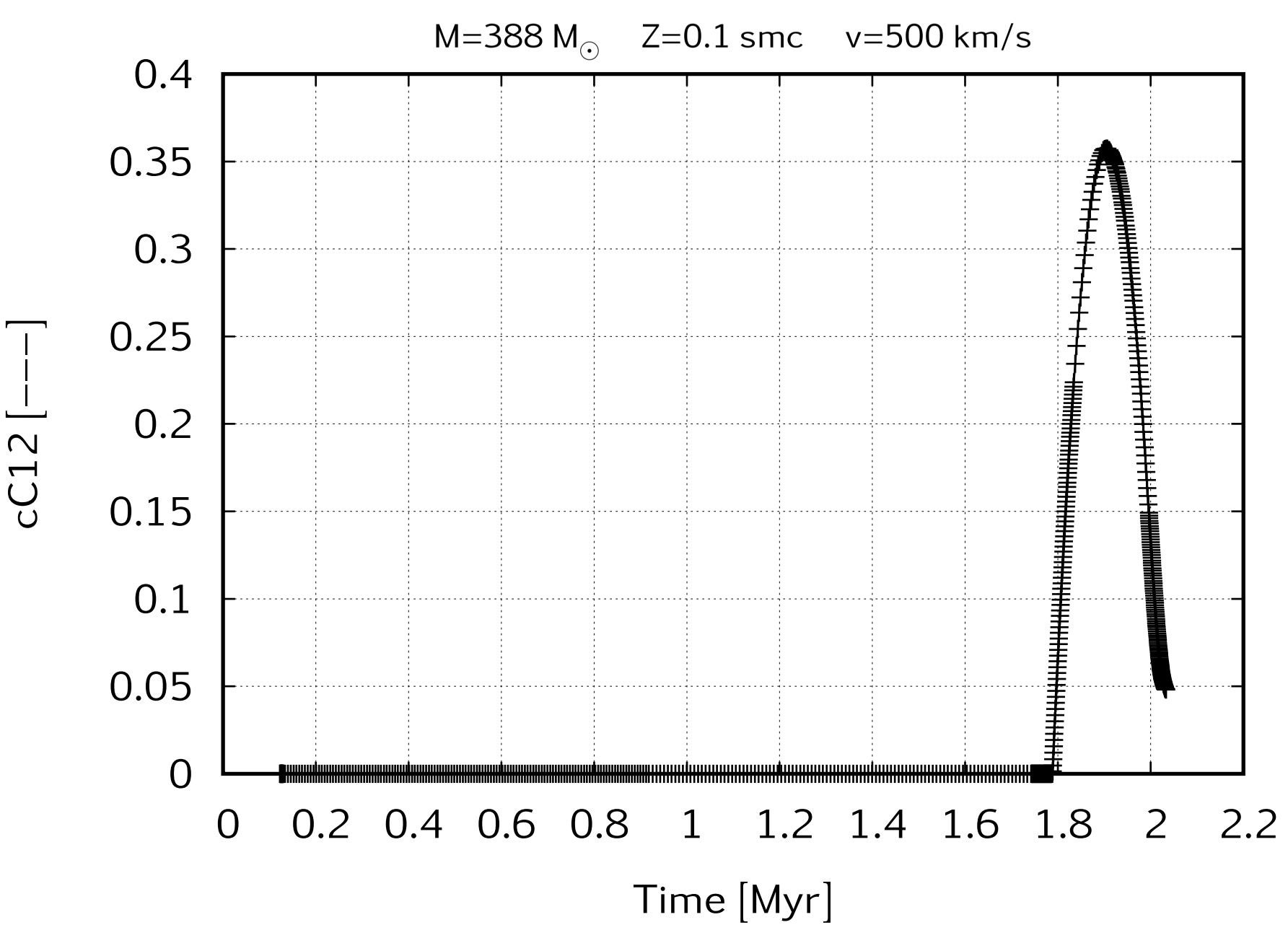

M=388 M⊙ Z=0.1 smc v=500 km/s
cBe9 [---]
1.8×10−18
1.6×10−18
1.4×10−18
1.2×10−18
1×10−18
8×10−19
6×10−19
4×10−19
2×10−19
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

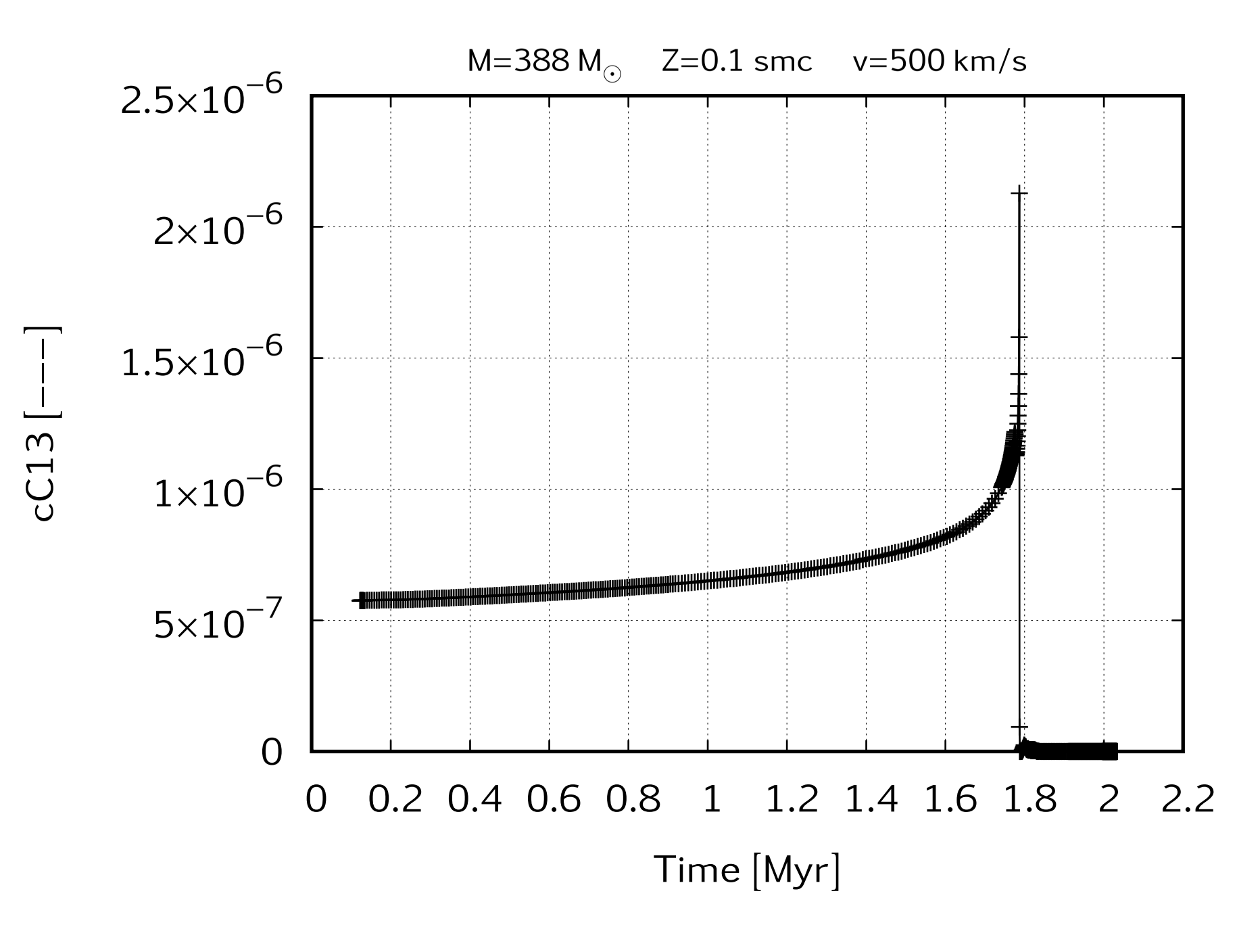

M=388 M⊙ Z=0.1 smc v=500 km/s
cB8 [—]
5×10−18
4.5×10−18
4×10−18
3.5×10−18
3×10−18
2.5×10−18
2×10−18
1.5×10−18
1×10−18
5×10−19
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

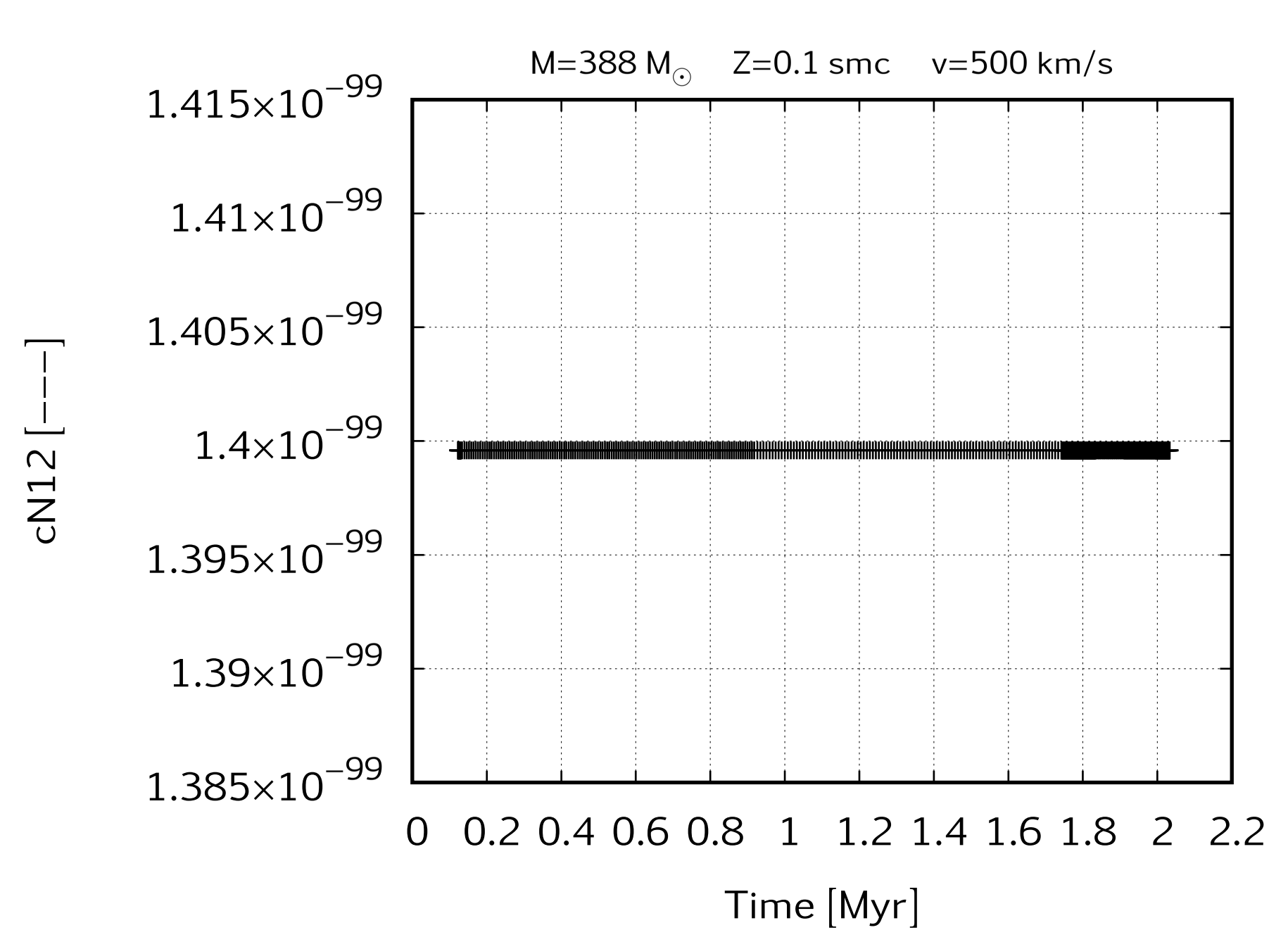

M=388 M⊙ Z=0.1 smc v=500 km/s
2.5×10−15
2×10−15
1.5×10−15
1×10−15
5×10−16
0
cB10 [−−−]
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

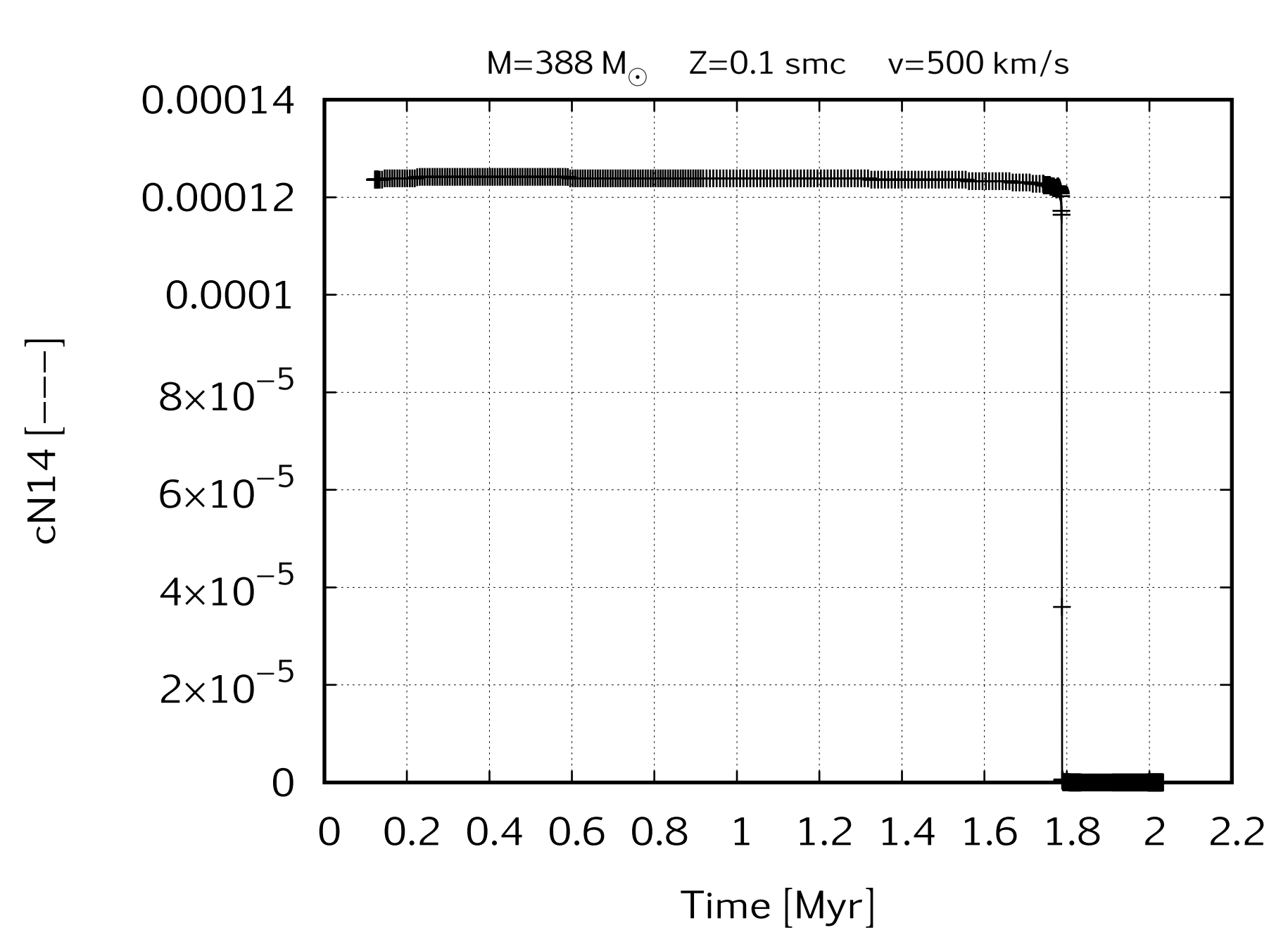

M=388 M⊙ Z=0.1 smc v=500 km/s
cB11 [---]
3.5×10−15
3×10−15
2.5×10−15
2×10−15
1.5×10−15
1×10−15
5×10−16
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

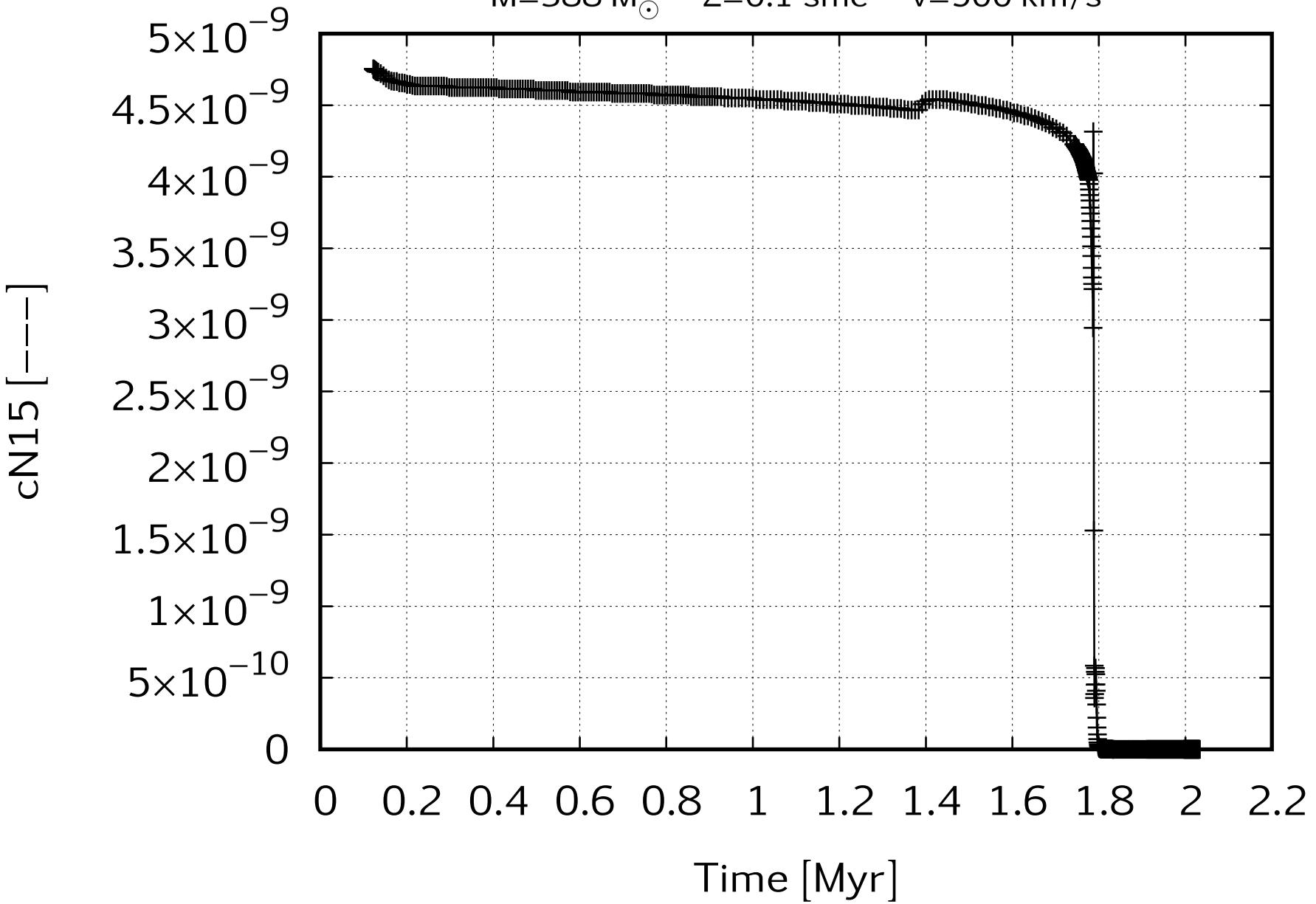

M=388 M⊙ Z=0.1 smc v=500 km/s
cC11 [---]
4×10−27
3.5×10−27
3×10−27
2.5×10−27
2×10−27
1.5×10−27
1×10−27
5×10−28
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

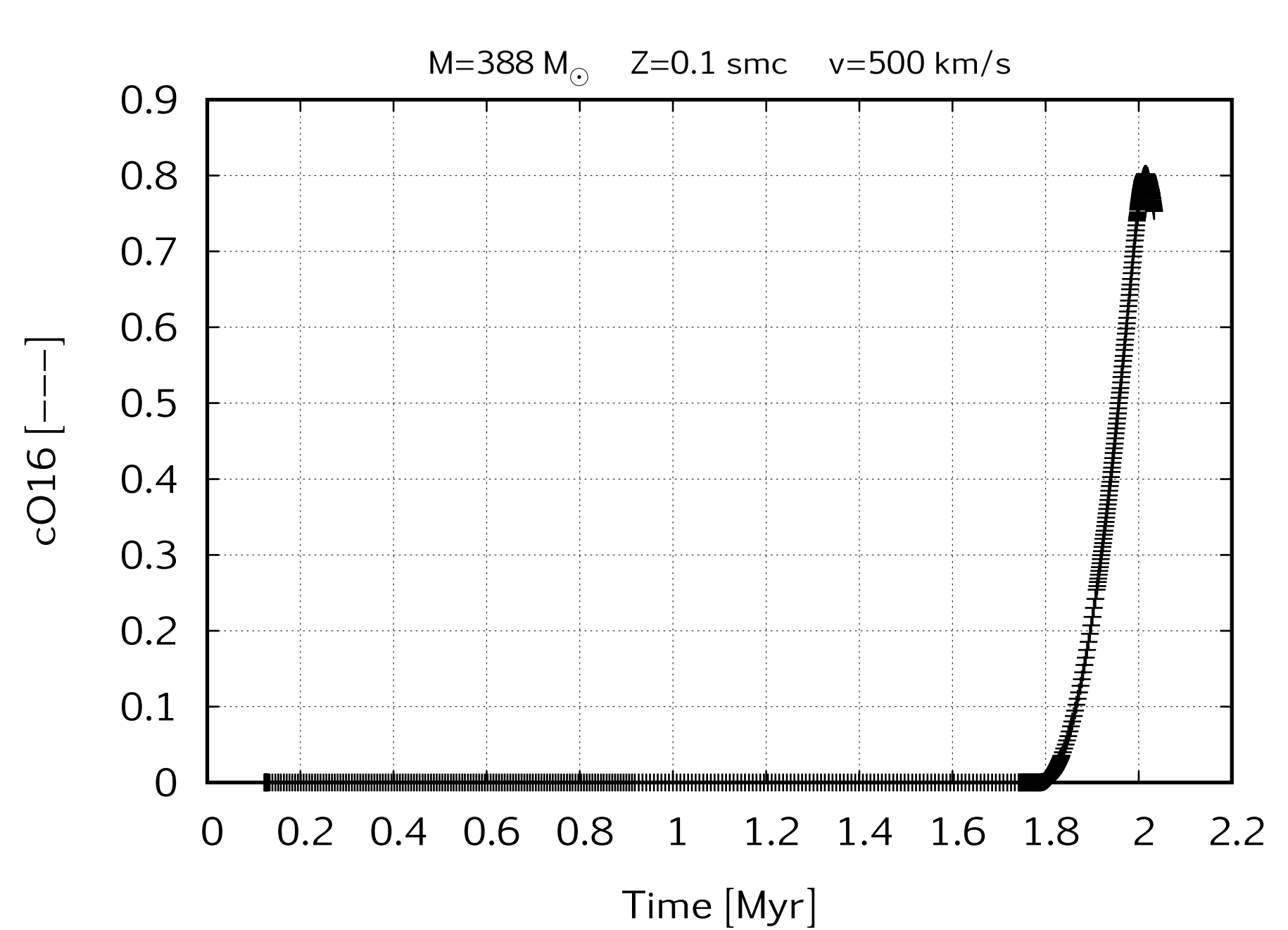

M=388 M⊙ Z=0.1 smc v=500 km/s
cC12 [---]
Time [Myr]
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2

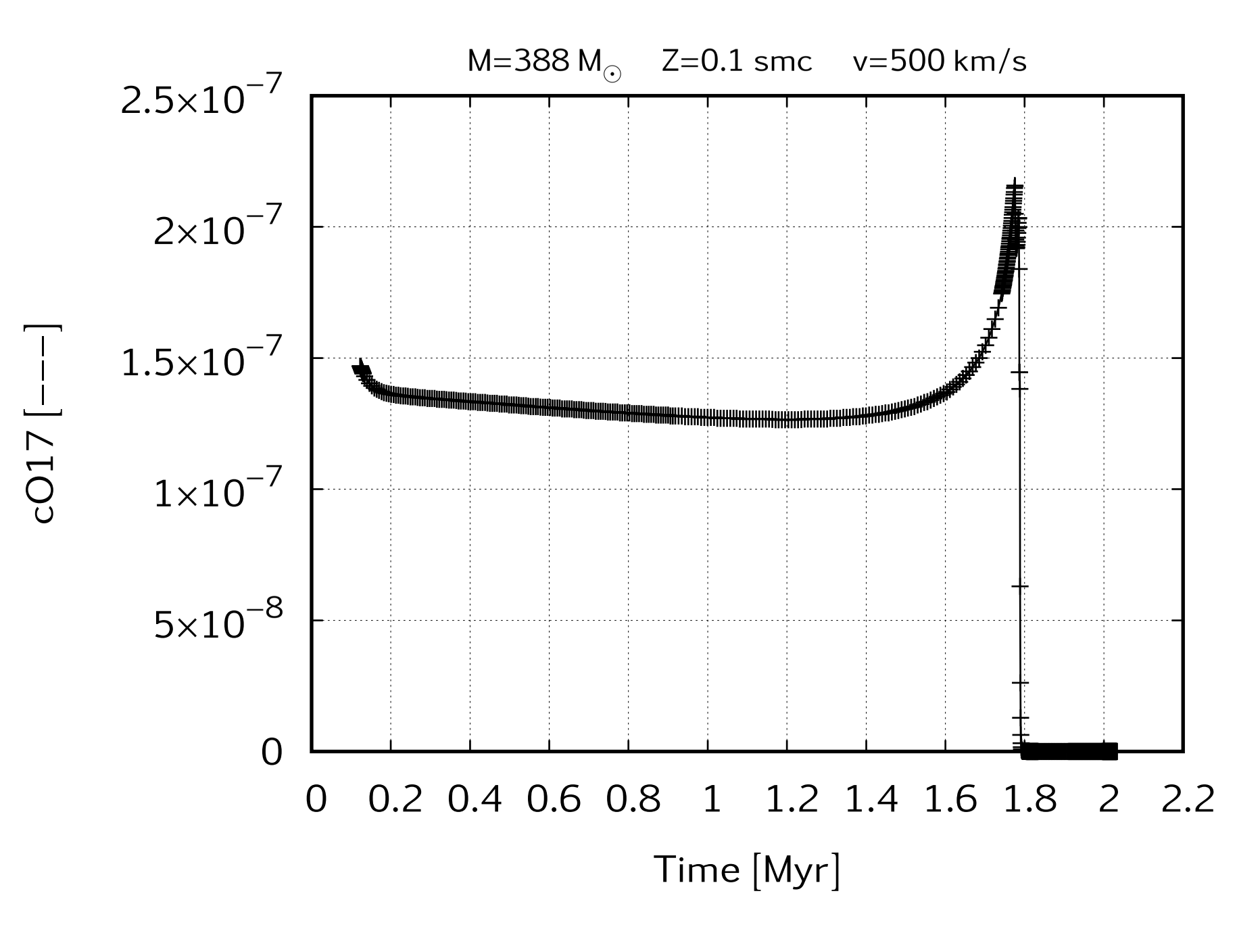

M=388 M⊙ Z=0.1 smc v=500 km/s
2.5×10−6
2×10−6
1.5×10−6
1×10−6
5×10−7
0
cC13 [−−−]
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

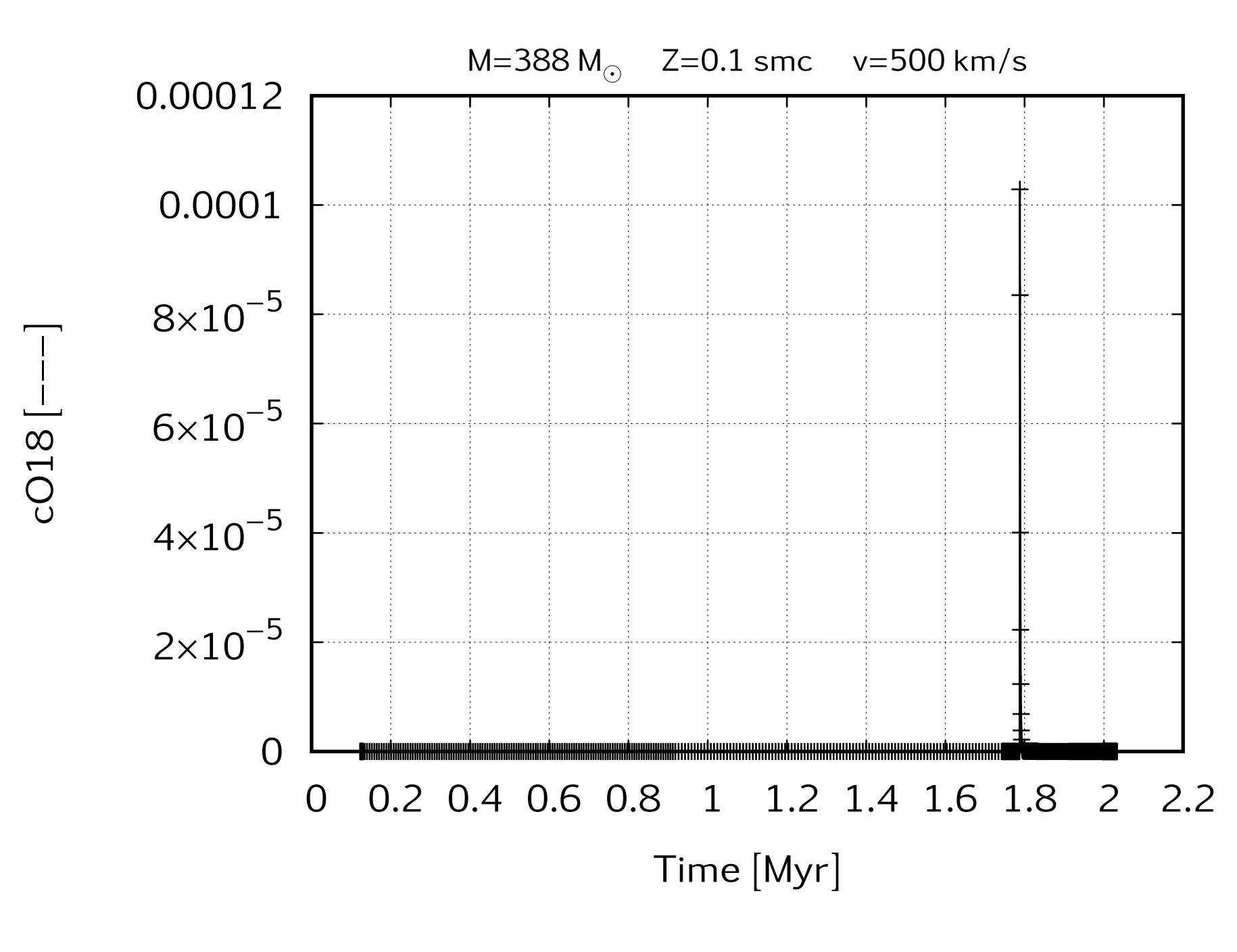

M=388 M⊙ Z=0.1 smc v=500 km/s
1.415×10−99
1.41×10−99
1.405×10−99
1.4×10−99
1.395×10−99
1.39×10−99
1.385×10−99
cN12 [———]
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

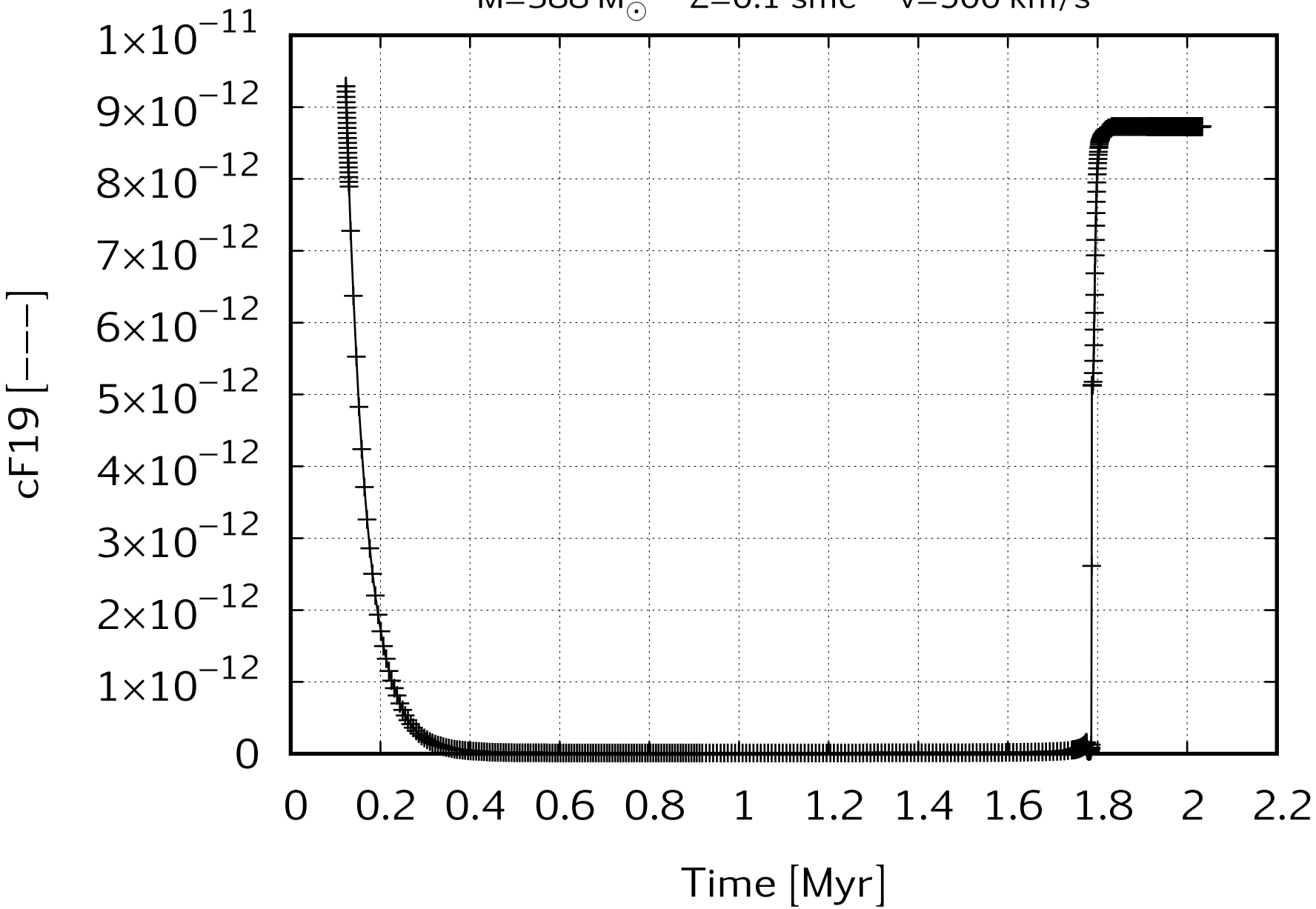

M=388 M⊙ Z=0.1 smc v=500 km/s
0.00014
0.00012
0.0001
8×10−5
6×10−5
4×10−5
2×10−5
0
cN14 [———]
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

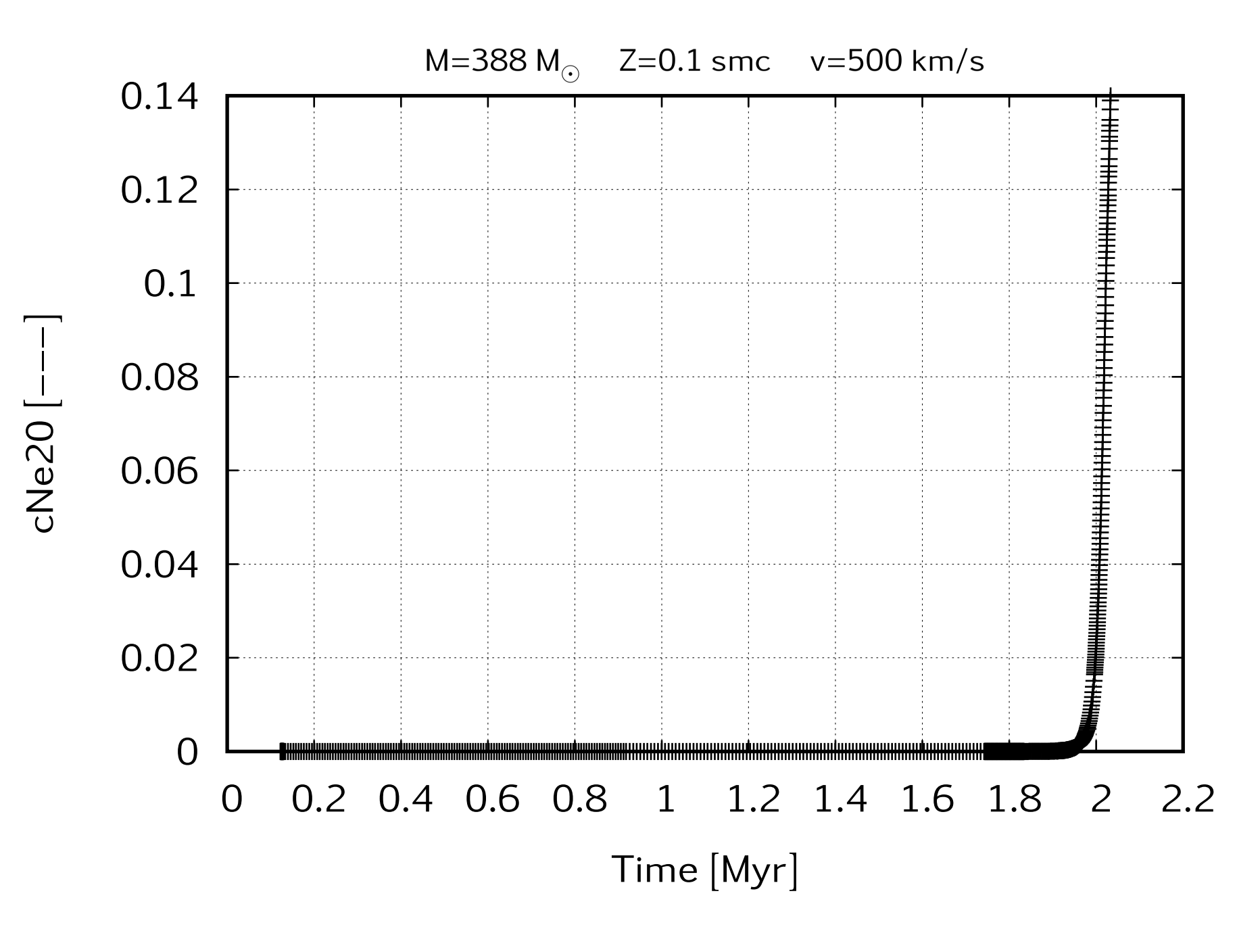

M=388 M⊙ Z=0.1 smc v=500 km/s
cN15 [---]
5×10−9
4.5×10−9
4×10−9
3.5×10−9
3×10−9
2.5×10−9
2×10−9
1.5×10−9
1×10−9
5×10−10
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

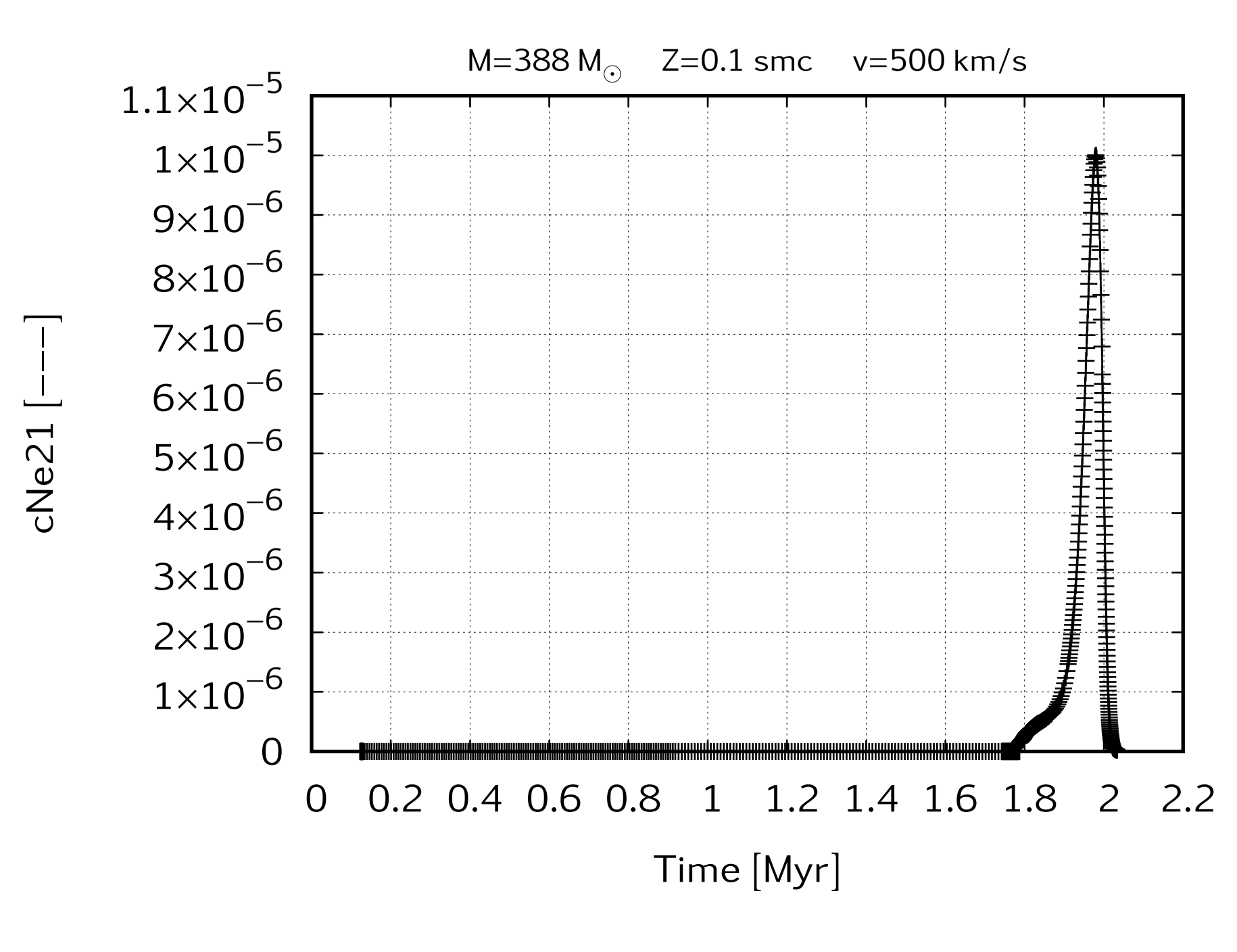

M=388 M⊙ Z=0.1 smc v=500 km/s
cO16 [---]
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

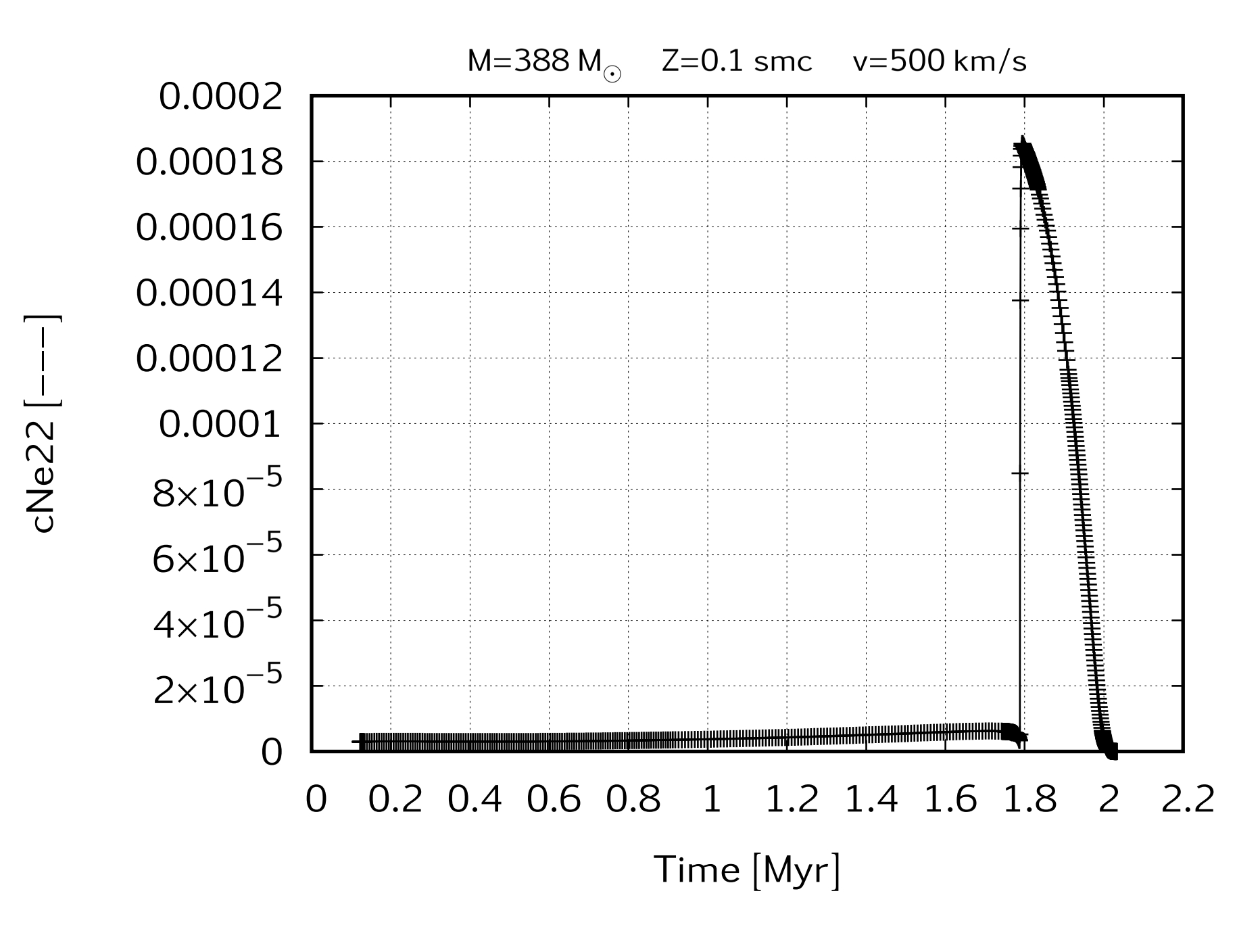

M=388 M⊙ Z=0.1 smc v=500 km/s
2.5×10−7
2×10−7
1.5×10−7
1×10−7
5×10−8
0
cO17 [−−−]
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

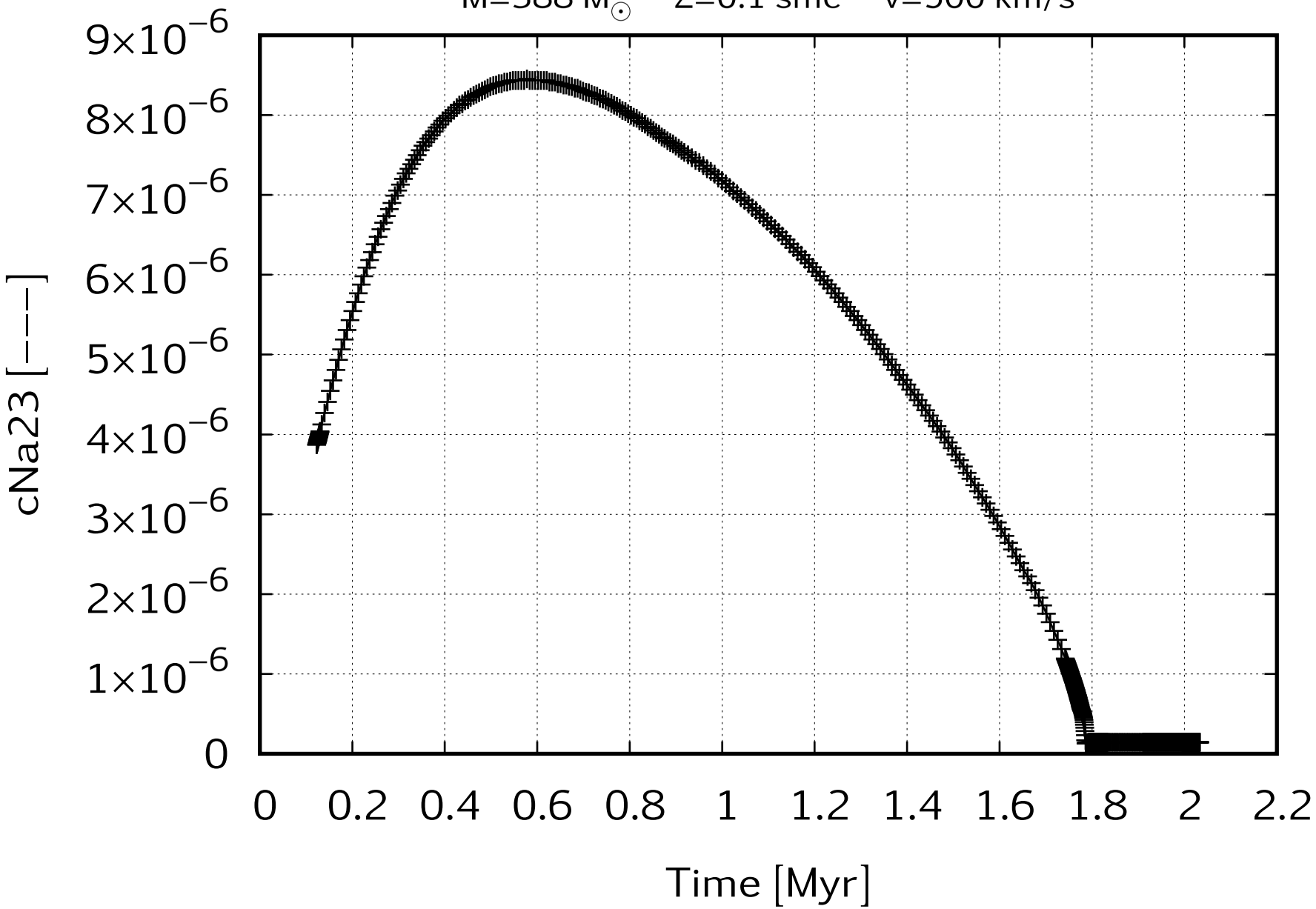

M=388 M⊙ Z=0.1 smc v=500 km/s
0.00012
0.0001
8×10−5
6×10−5
4×10−5
2×10−5
0
cO18 [−−−]
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

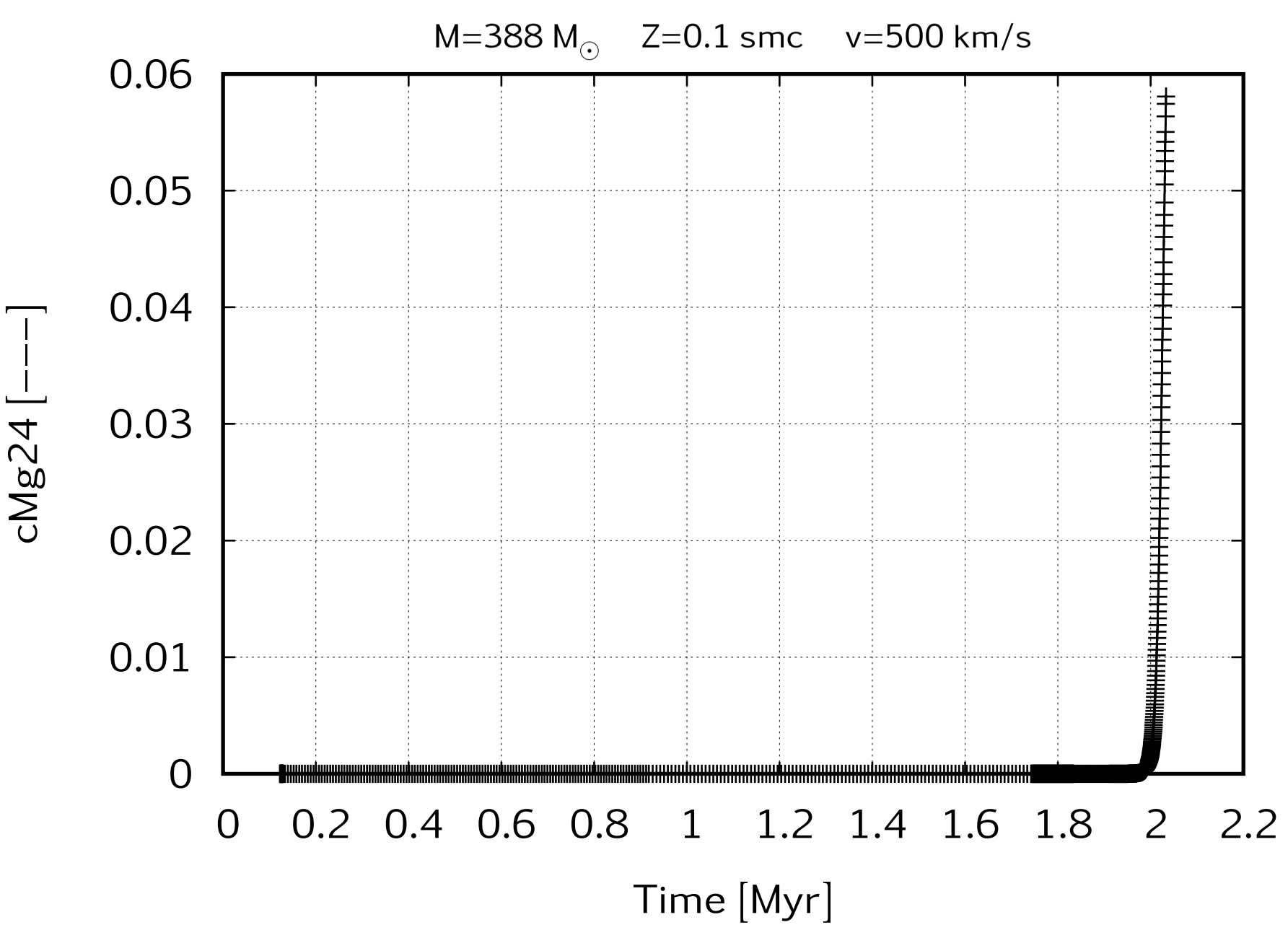

M=388 M⊙ Z=0.1 smc v=500 km/s
cF19 [---]
1×10−11
9×10−12
8×10−12
7×10−12
6×10−12
5×10−12
4×10−12
3×10−12
2×10−12
1×10−12
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

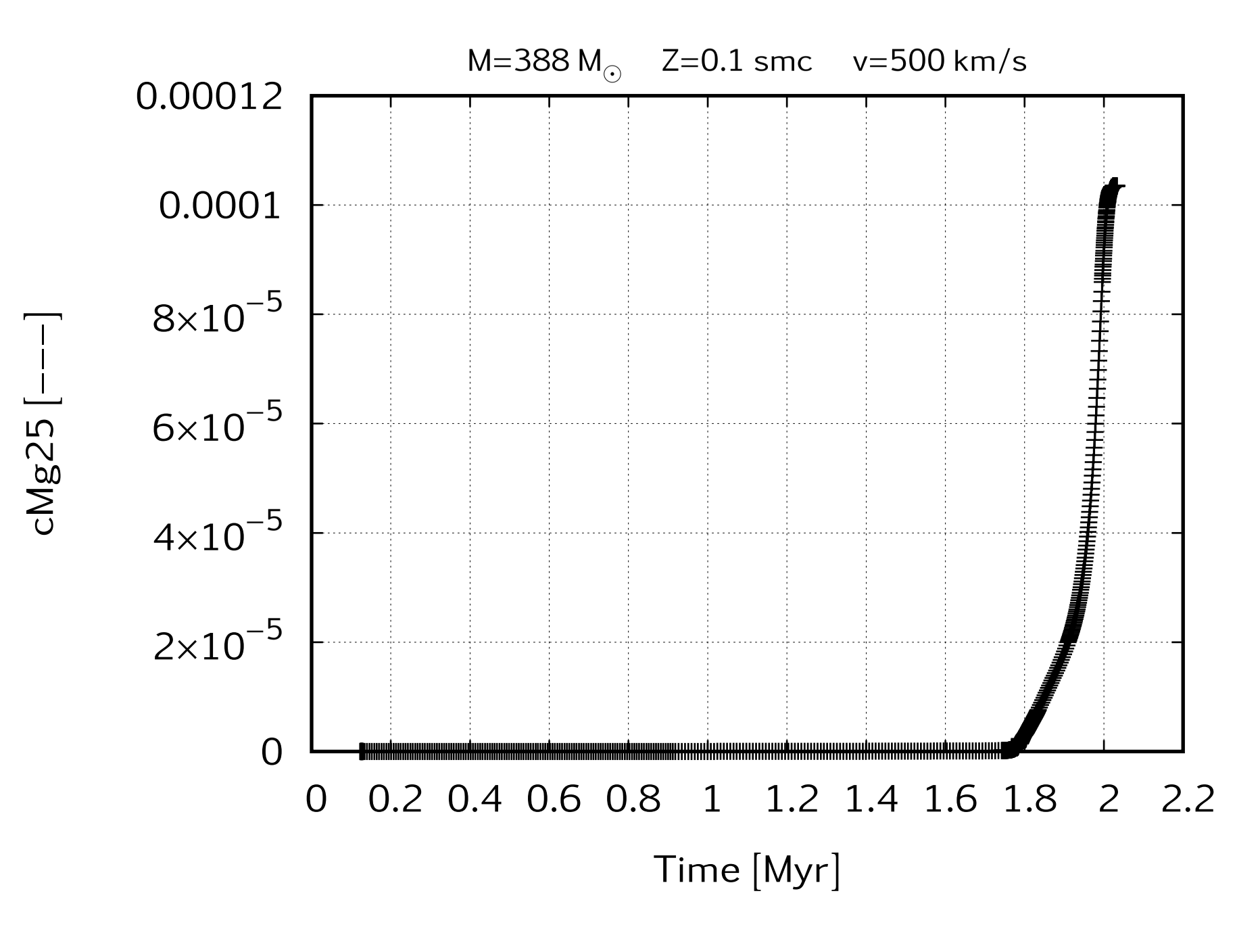

M=388 M⊙ Z=0.1 smc v=500 km/s
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
cNe20 [---]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

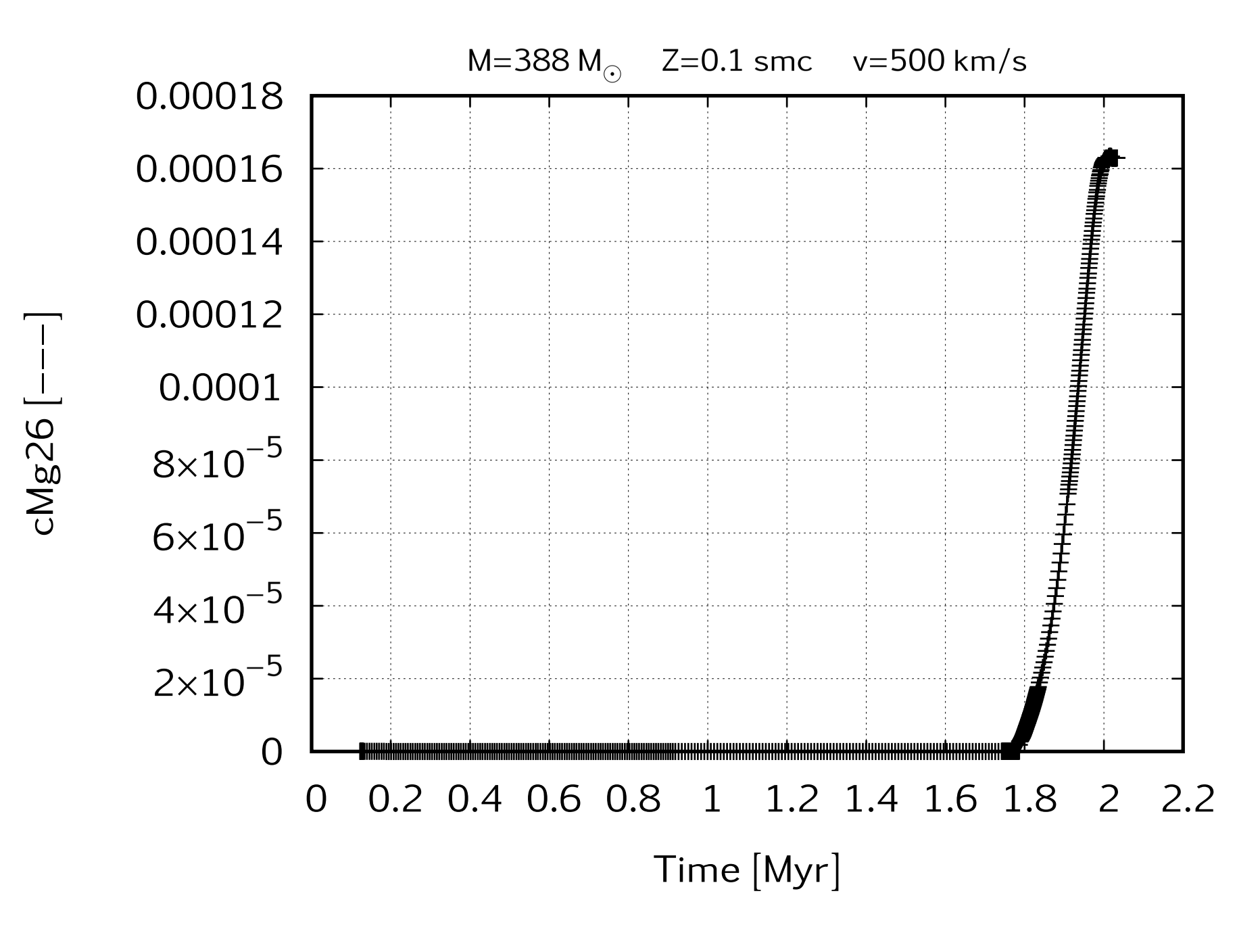

M=388 M⊙ Z=0.1 smc v=500 km/s
cNe21 [---]
1.1×10−5
1×10−5
9×10−6
8×10−6
7×10−6
6×10−6
5×10−6
4×10−6
3×10−6
2×10−6
1×10−6
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

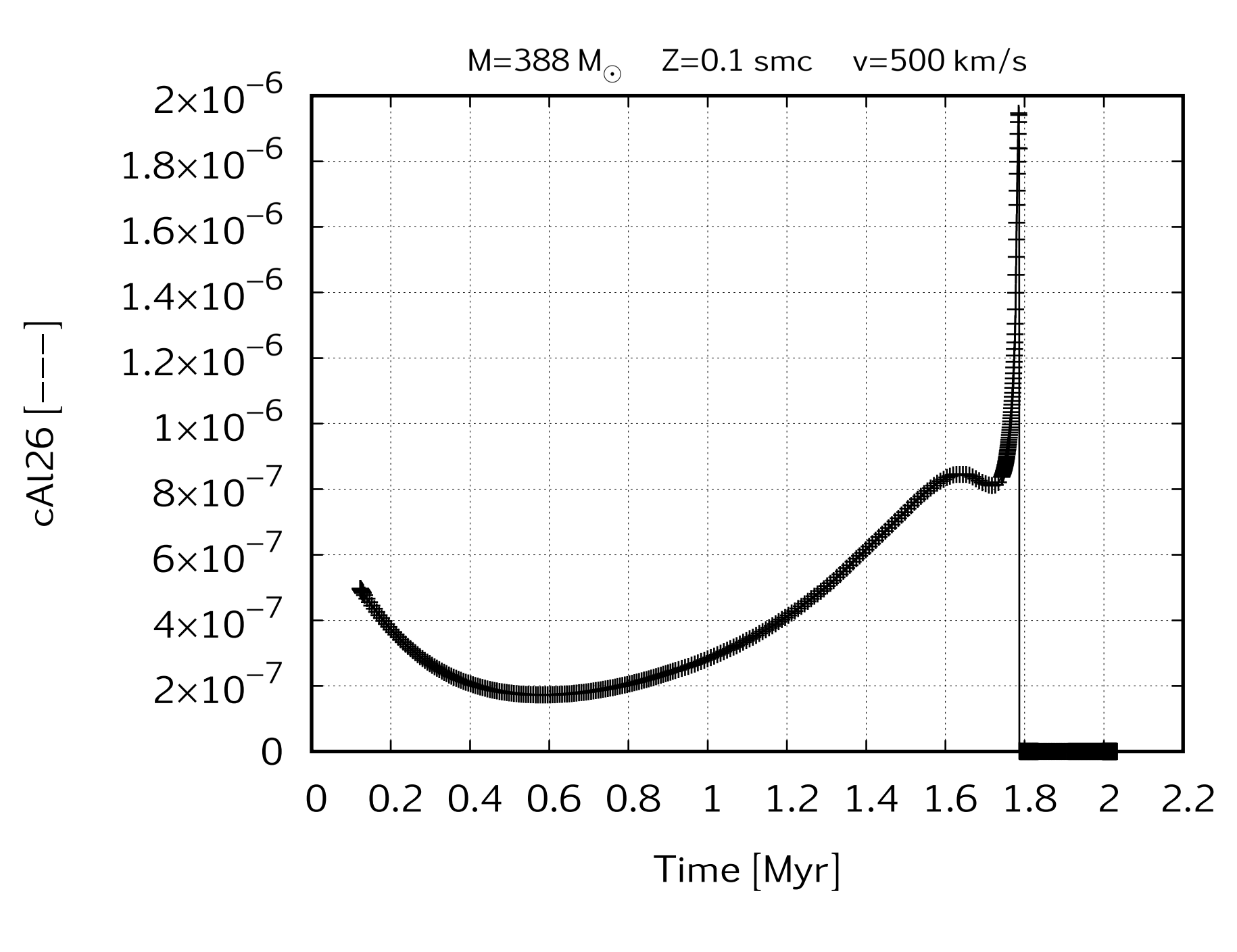

M=388 M⊙ Z=0.1 smc v=500 km/s
cNe22 [---]
0.0002
0.00018
0.00016
0.00014
0.00012
0.0001
8×10−5
6×10−5
4×10−5
2×10−5
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

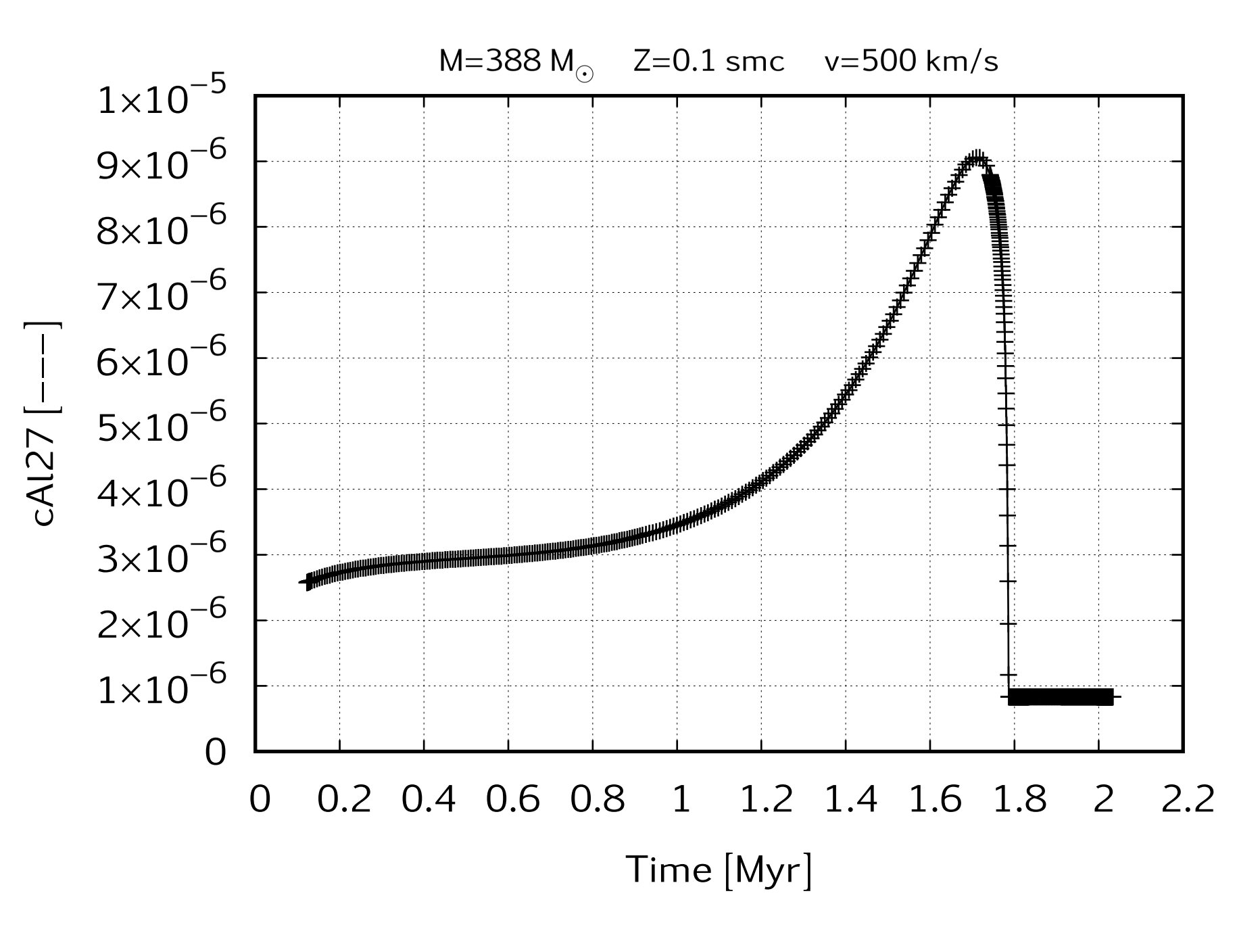

M=388 M⊙ Z=0.1 smc v=500 km/s
cNa23 [---]
9×10−6
8×10−6
7×10−6
6×10−6
5×10−6
4×10−6
3×10−6
2×10−6
1×10−6
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

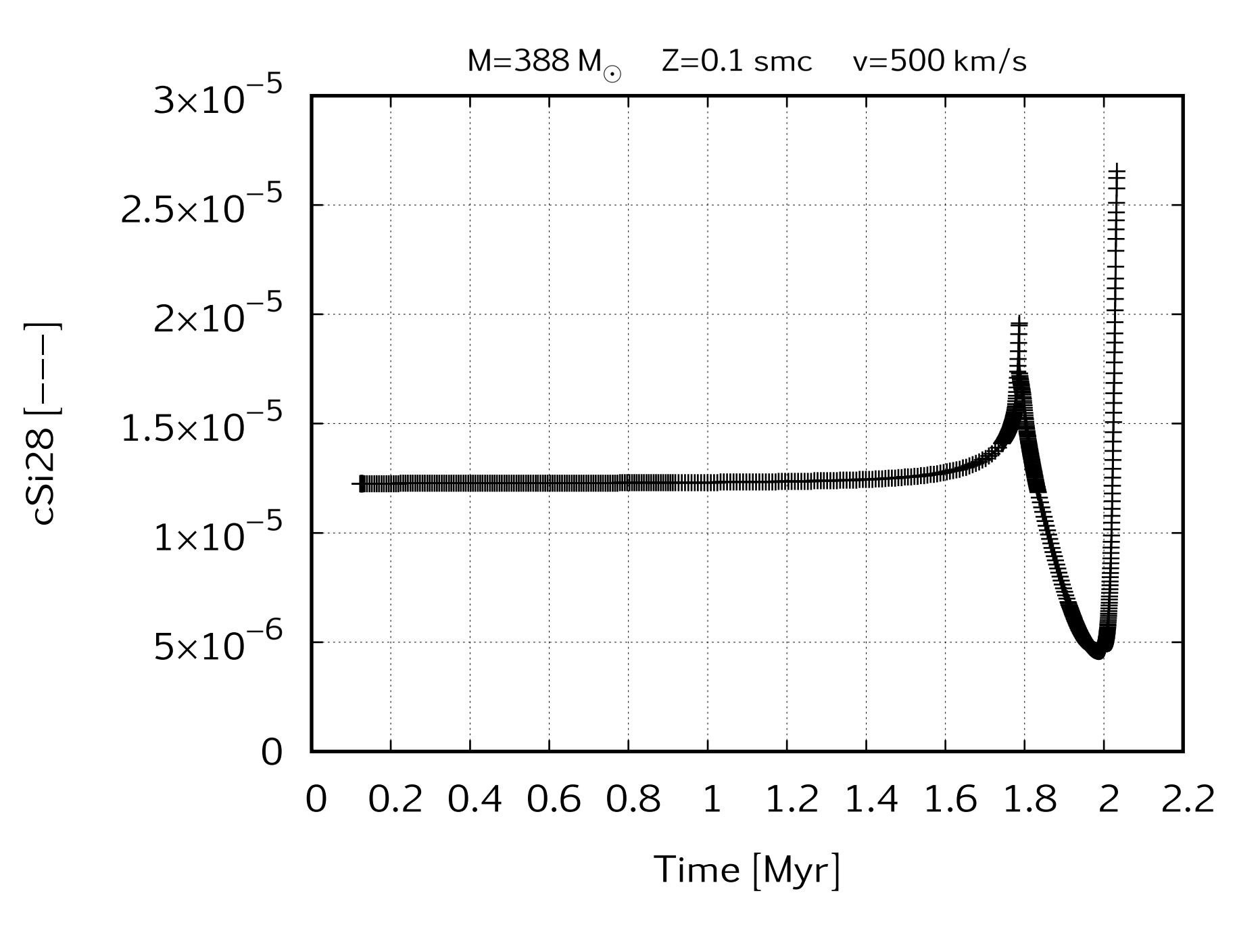

M=388 M⊙ Z=0.1 smc v=500 km/s
0.06
0.05
0.04
0.03
0.02
0.01
0
cMg24 [---]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

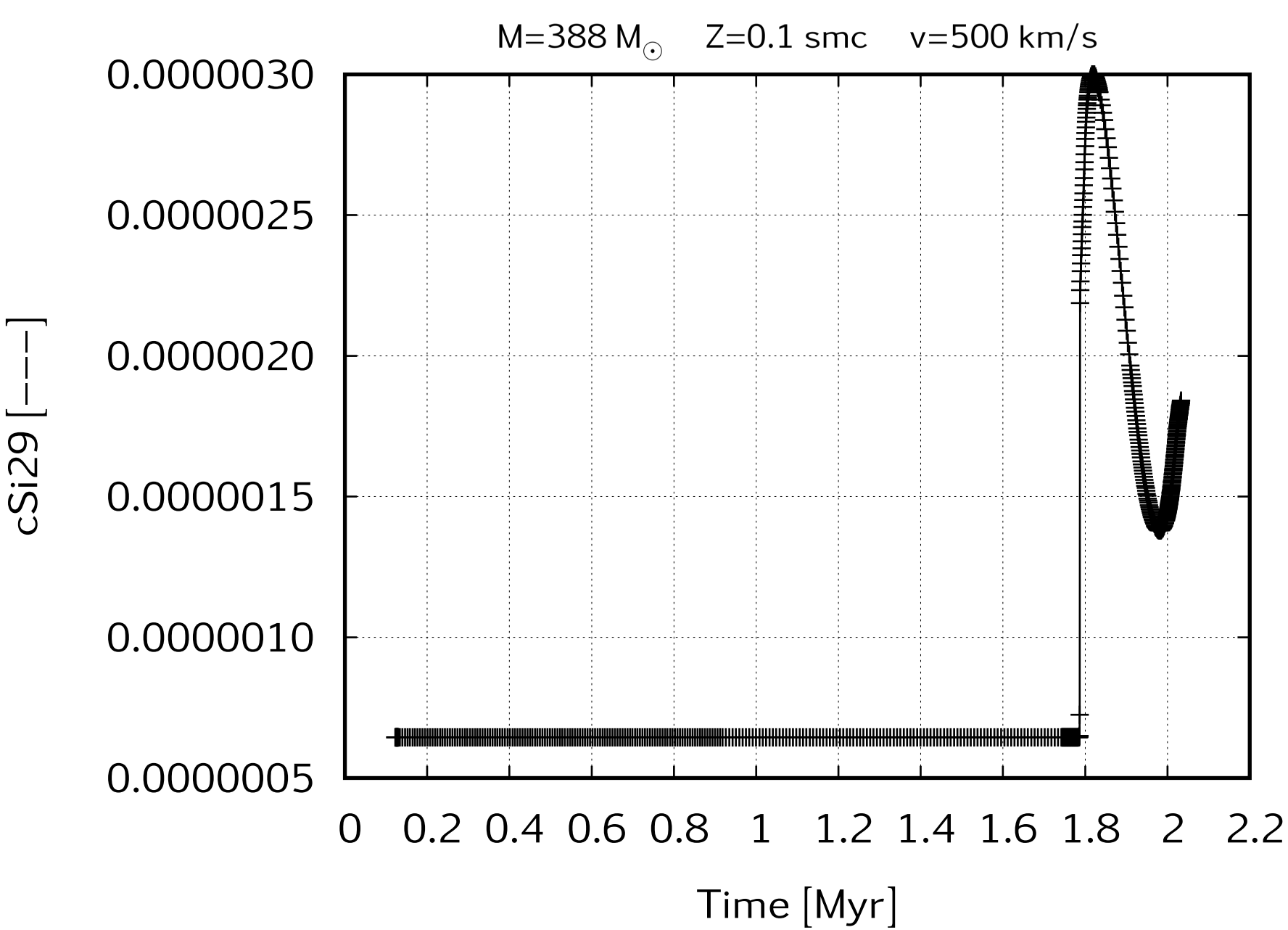

M=388 M⊙ Z=0.1 smc v=500 km/s
0.00012
0.0001
8×10−5
6×10−5
4×10−5
2×10−5
0
cMg25 [−−−]
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

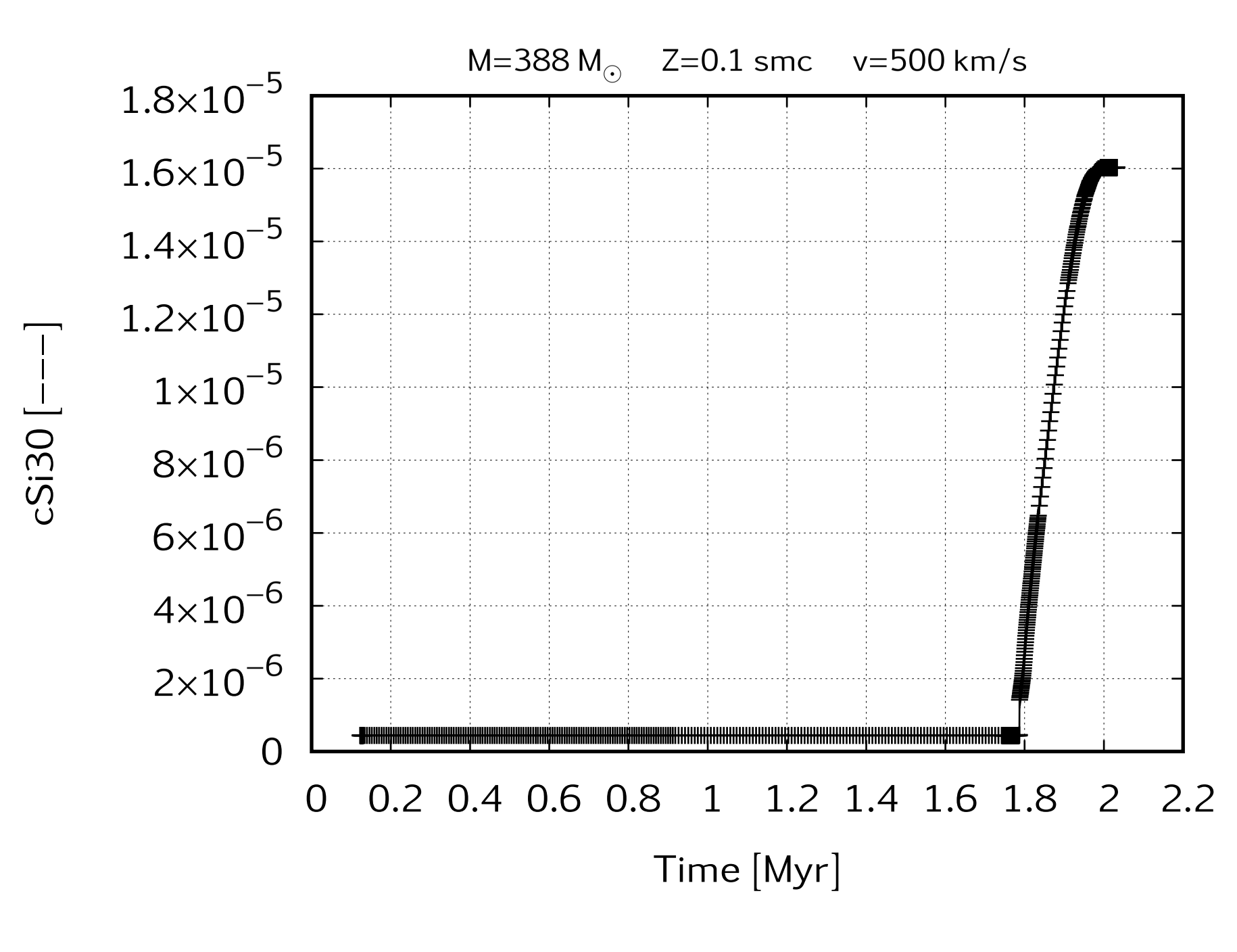

M=388 M⊙ Z=0.1 smc v=500 km/s
cMg26 [---]
0.00018
0.00016
0.00014
0.00012
0.0001
8×10−5
6×10−5
4×10−5
2×10−5
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

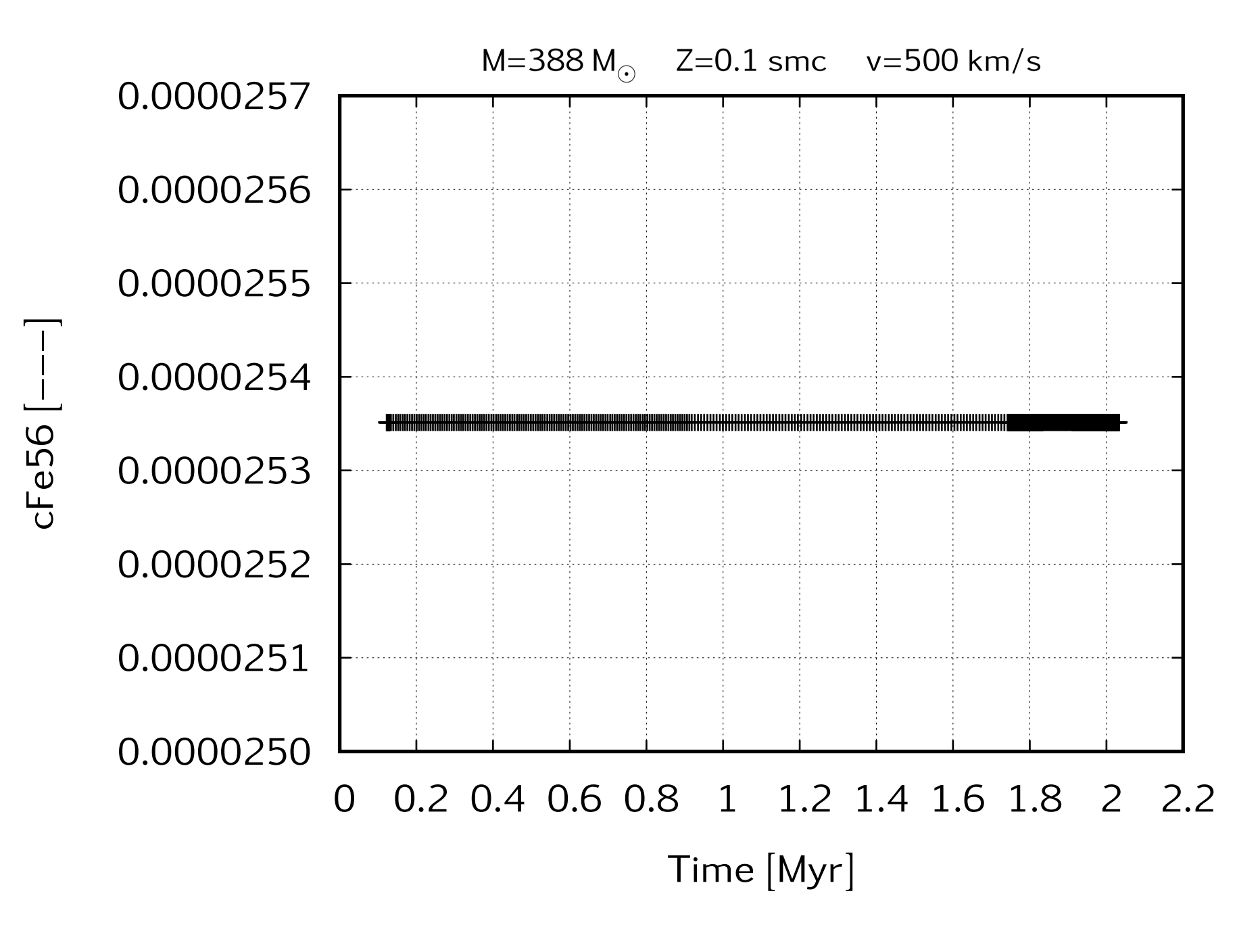

M=388 M⊙ Z=0.1 smc v=500 km/s
cAl26 [---]
2×10−6
1.8×10−6
1.6×10−6
1.4×10−6
1.2×10−6
1×10−6
8×10−7
6×10−7
4×10−7
2×10−7
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

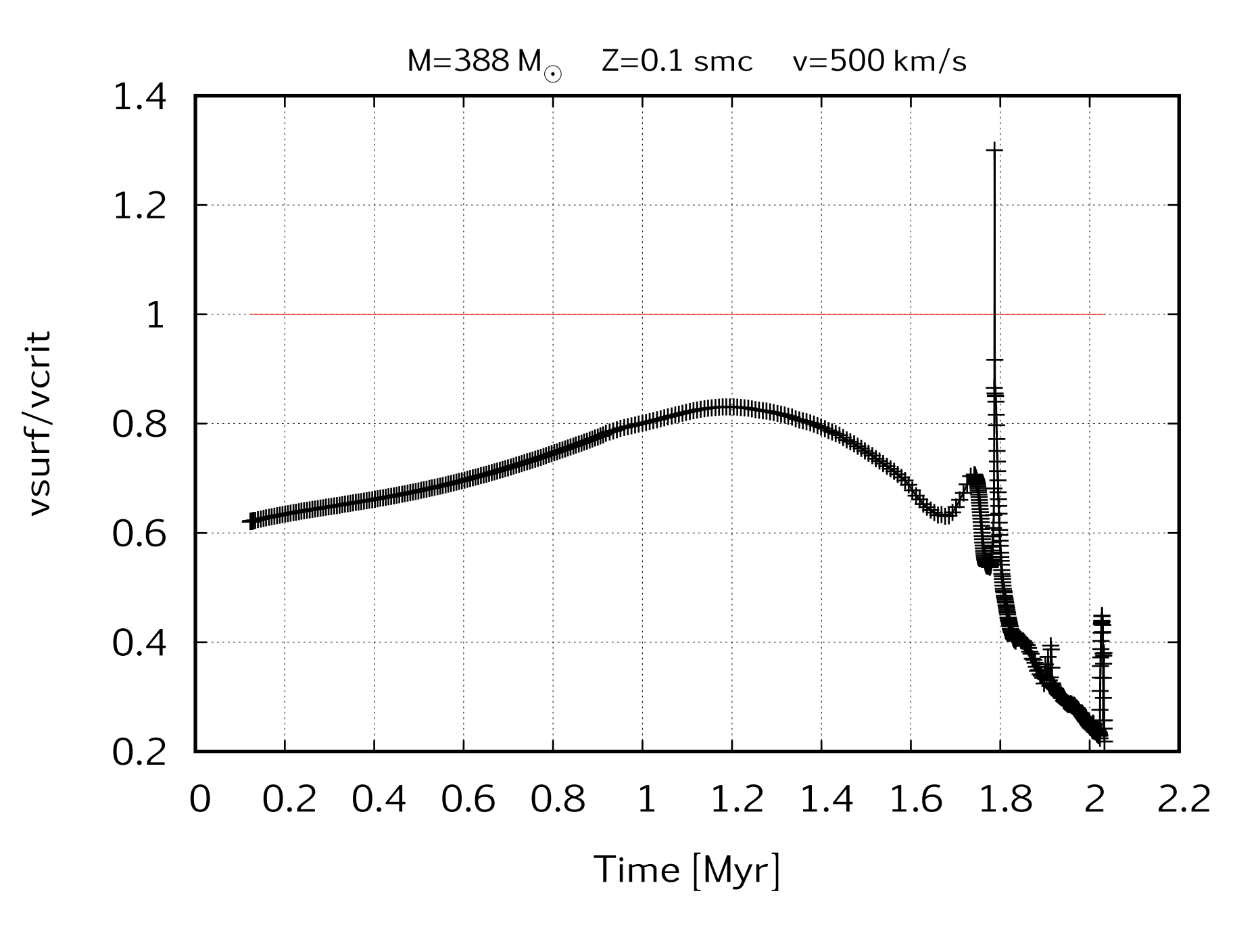

M=388 M⊙ Z=0.1 smc v=500 km/s
cAl27 [---]
1×10−5
9×10−6
8×10−6
7×10−6
6×10−6
5×10−6
4×10−6
3×10−6
2×10−6
1×10−6
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

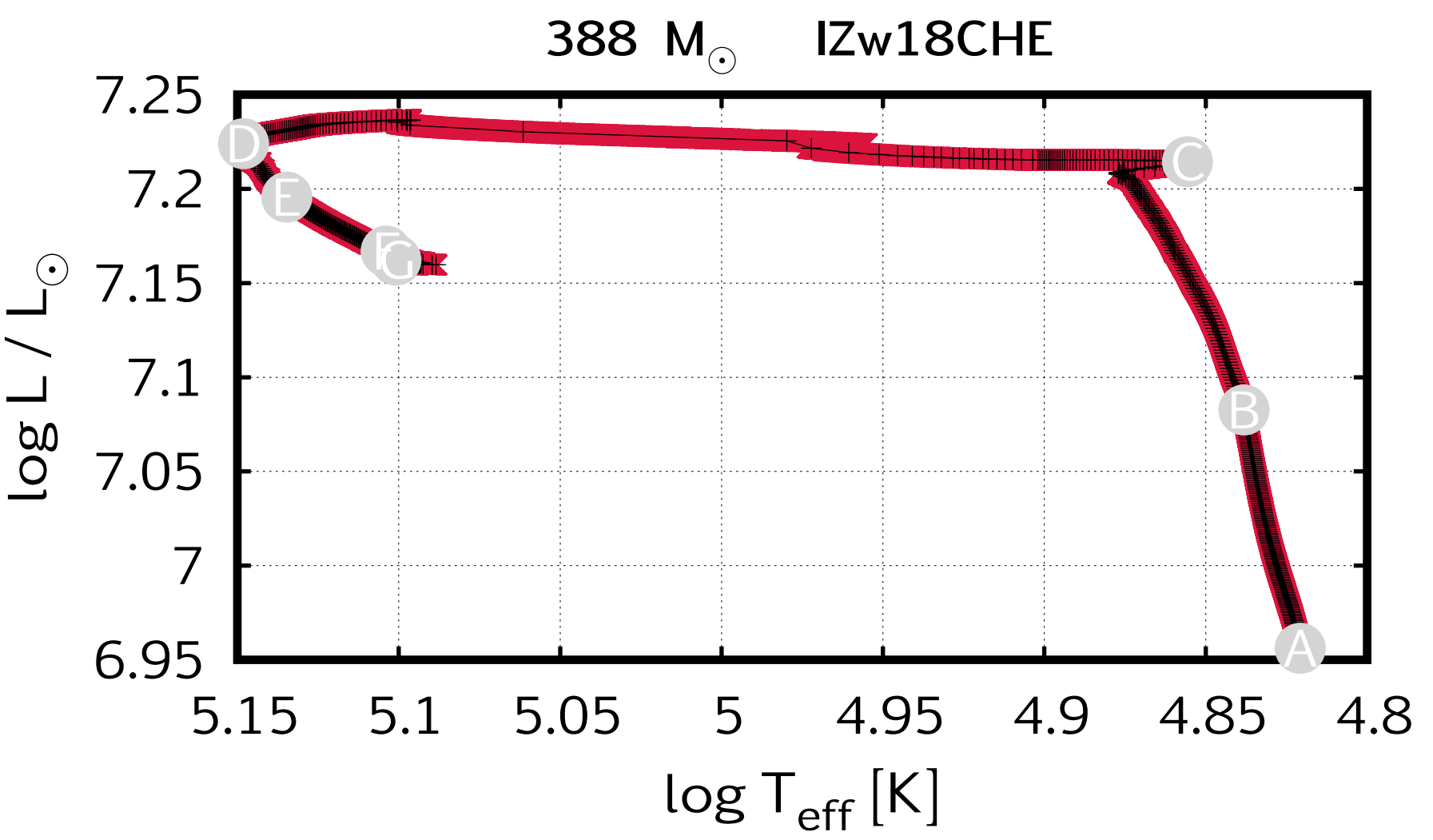

M=388 M⊙ Z=0.1 smc v=500 km/s
cSi28 [---]
3×10−5
2.5×10−5
2×10−5
1.5×10−5
1×10−5
5×10−6
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

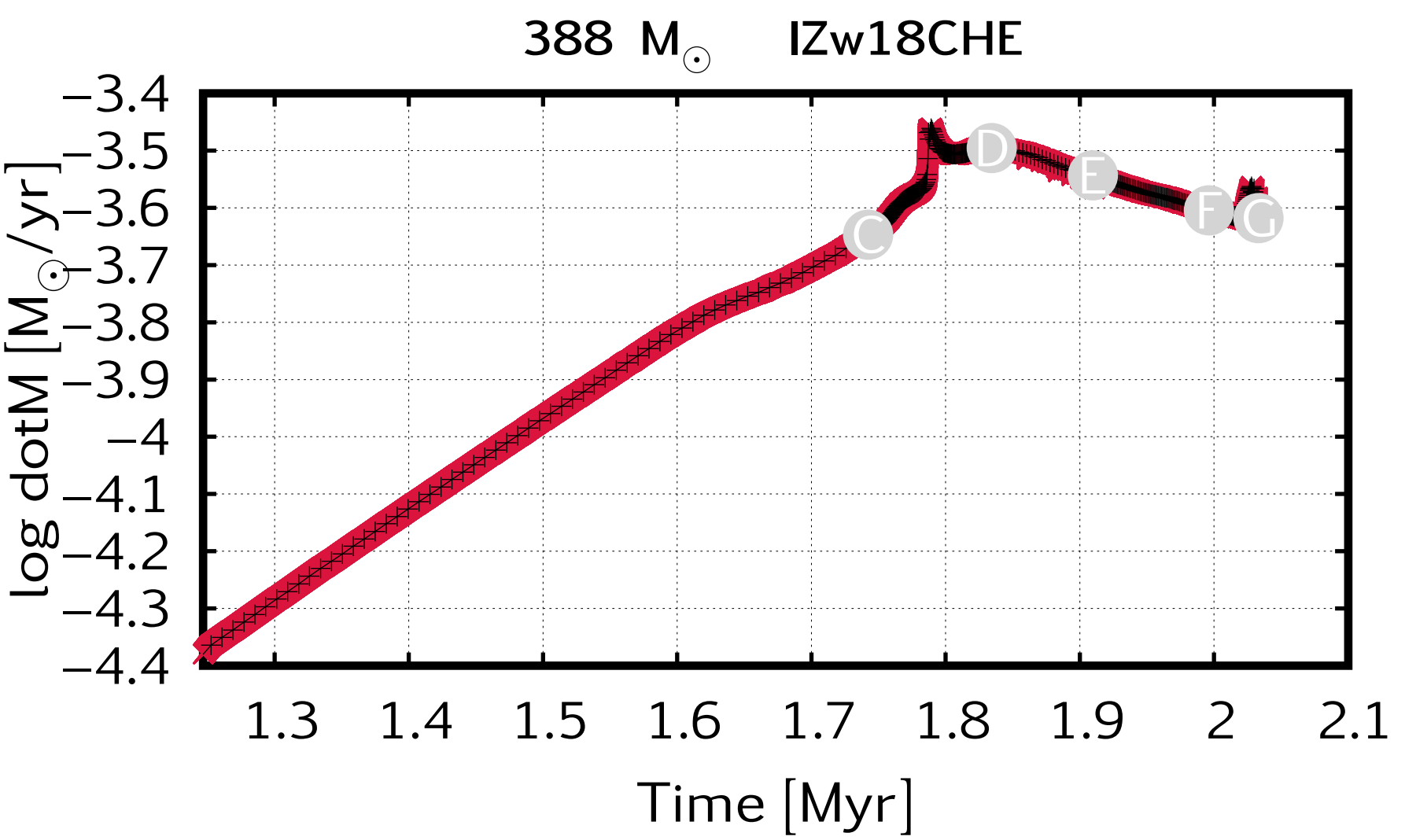

M=388 M⊙ Z=0.1 smc v=500 km/s
0.0000030
0.0000025
0.0000020
0.0000015
0.0000010
0.0000005
cSi29 [—]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]

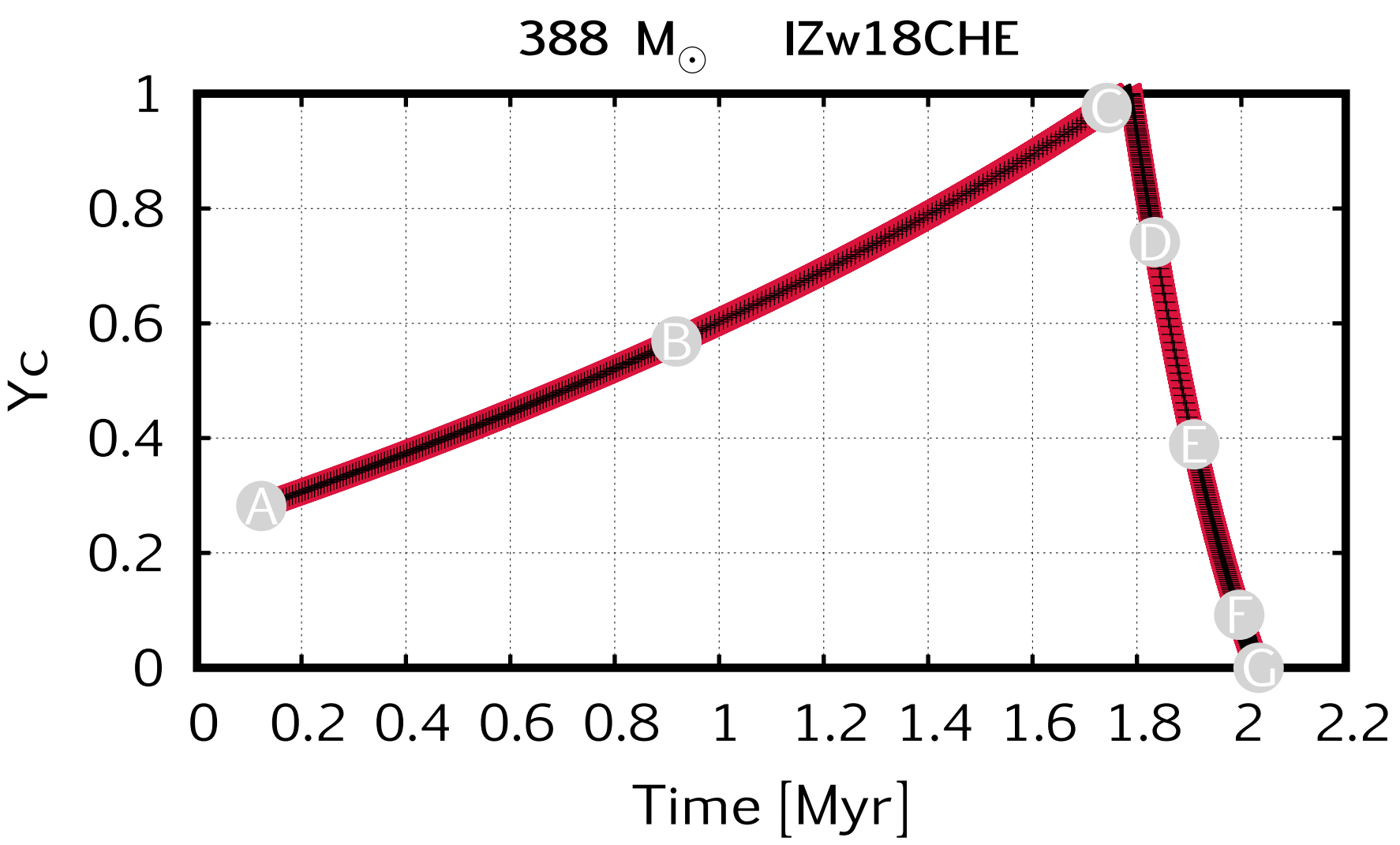

M=388 M⊙ Z=0.1 smc v=500 km/s
cSi30 [---]
1.8×10−5
1.6×10−5
1.4×10−5
1.2×10−5
1×10−5
8×10−6
6×10−6
4×10−6
2×10−6
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2
Time [Myr]

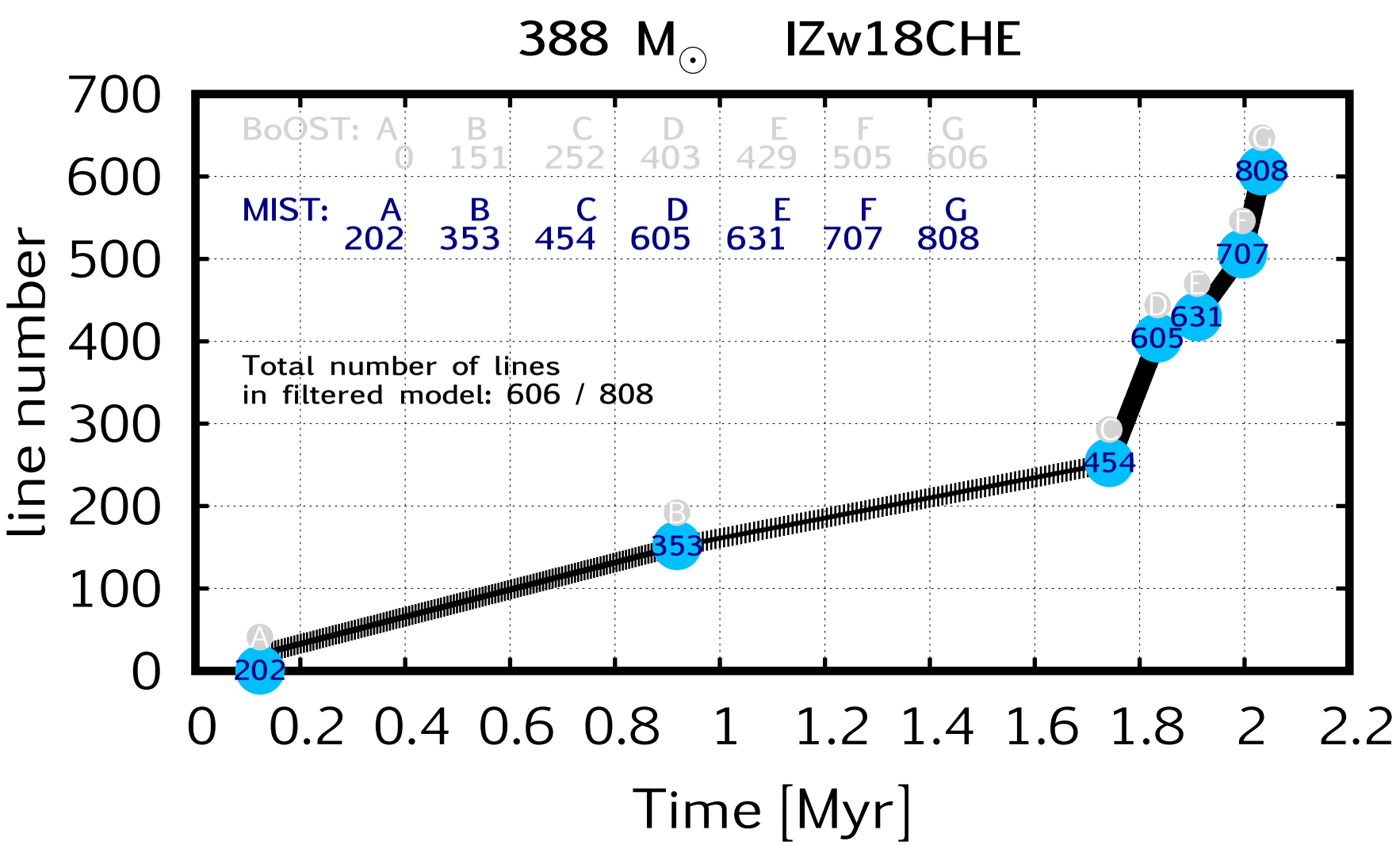

M=388 M⊙ Z=0.1 smc v=500 km/s
0.0000257
0.0000256
0.0000255
0.0000254
0.0000253
0.0000252
0.0000251
0.0000250
cFe56 [---]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
Time [Myr]


M=388 M⊙ Z=0.1 smc v=500 km/s
vsurf/vcrit
Time [Myr]
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2


388 M⊙ IZw18CHE
7.25
7.2
7.15
7.1
7.05
7
6.95
log L / L⊙
5.15
5.1
5.05
5
4.95
4.9
4.85
4.8
log Teff [K]
A
B
C
D
E
F
G


388 M⊙ IZw18CHE
log dotM [M⊙/yr]
−3.4
−3.5
−3.6
−3.7
−3.8
−3.9
−4
−4.1
−4.2
−4.3
−4.4
C
D
E
F
G
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2
2.1
Time [Myr]


388 M⊙ IZw18CHE
Yc
Time [Myr]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
A
B
C
D
E
F
G


388 M⊙ IZw18CHE
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
line number
Time [Myr]
0 100 200 300 400 500 600 700
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2