

$M=9 M_{\odot}$ Z=0.1 smc $v=450$ km/s

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

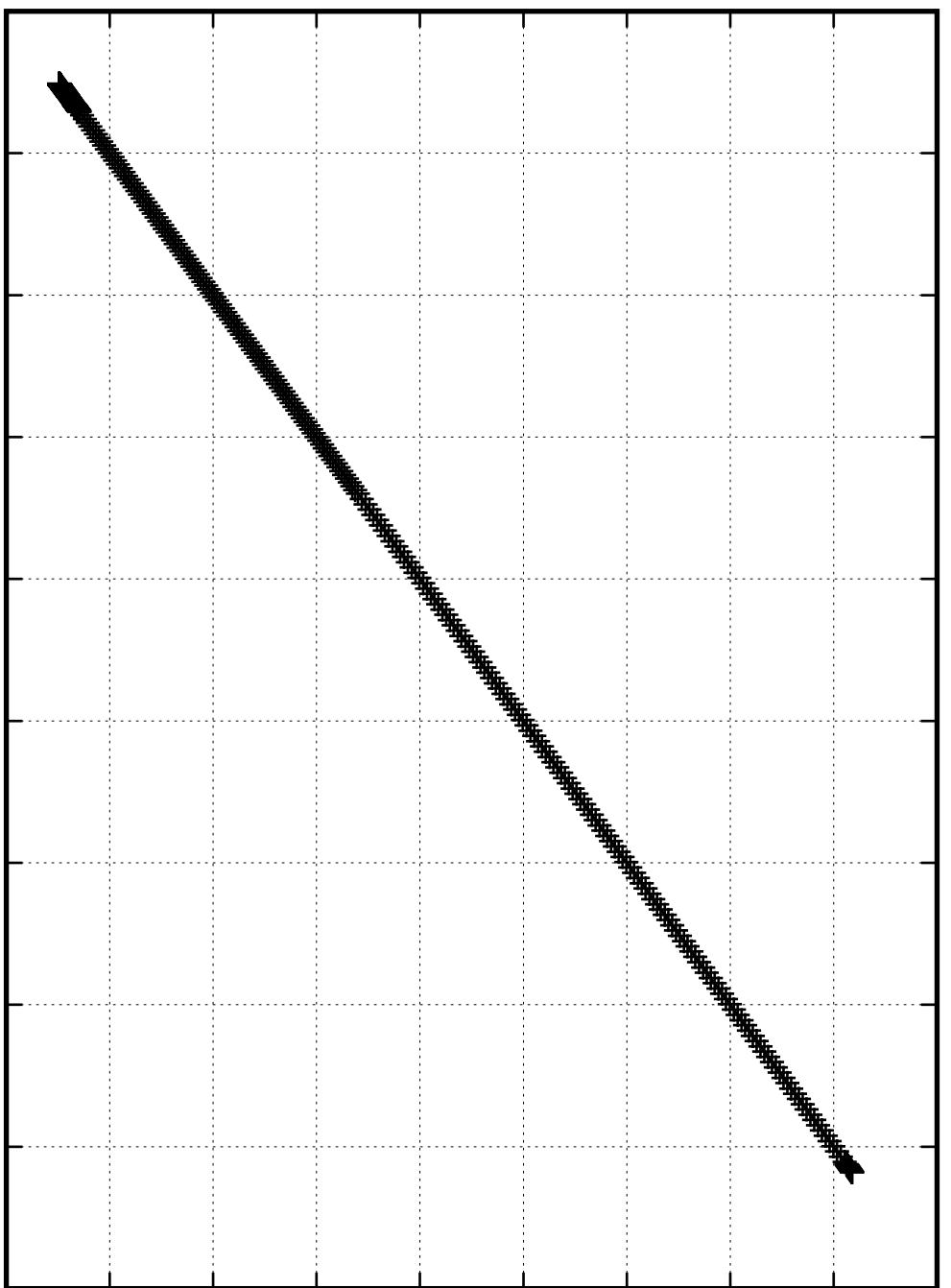
1×10^7

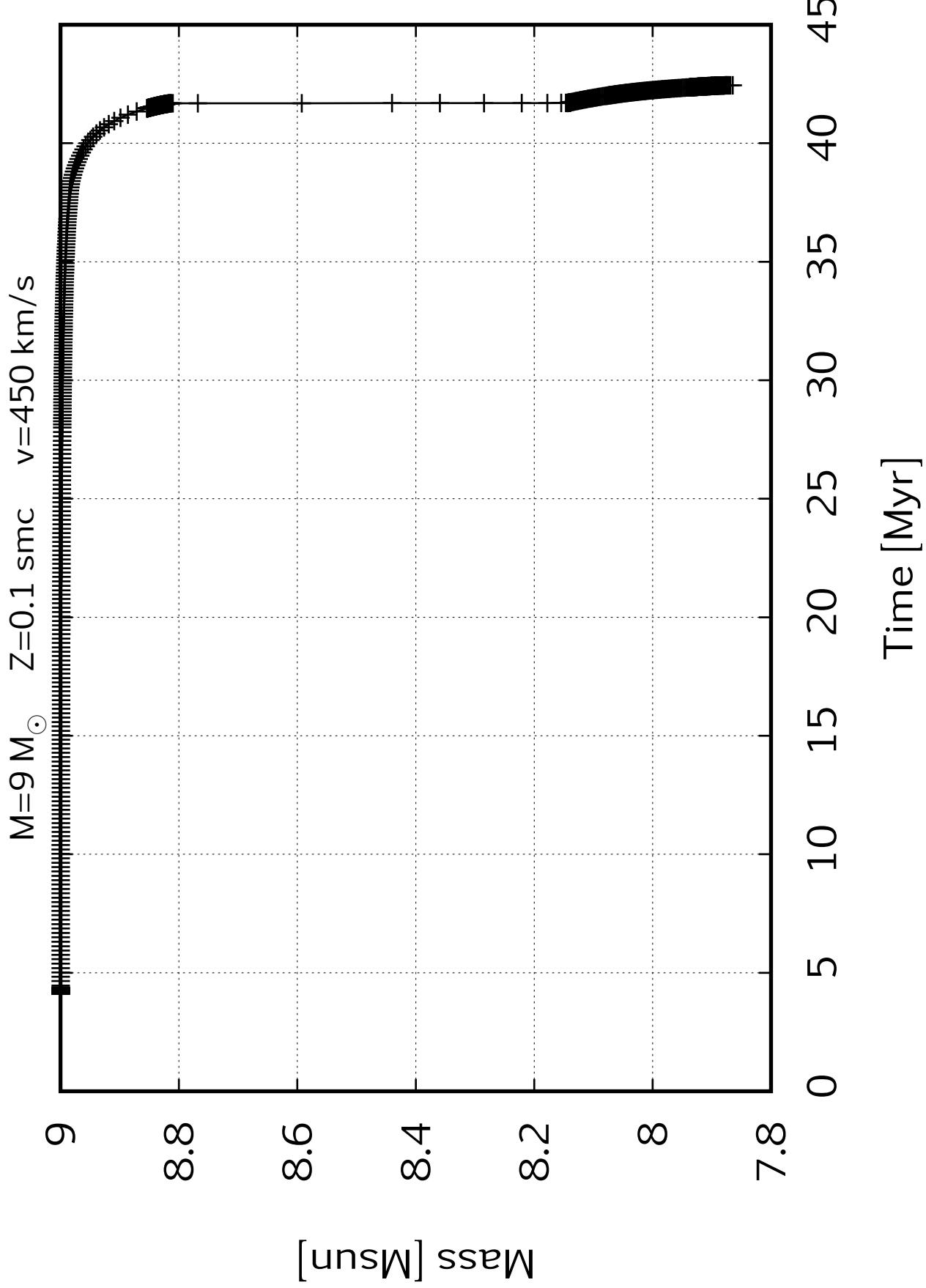
5×10^6

0

Σ_t

Time [Myr]



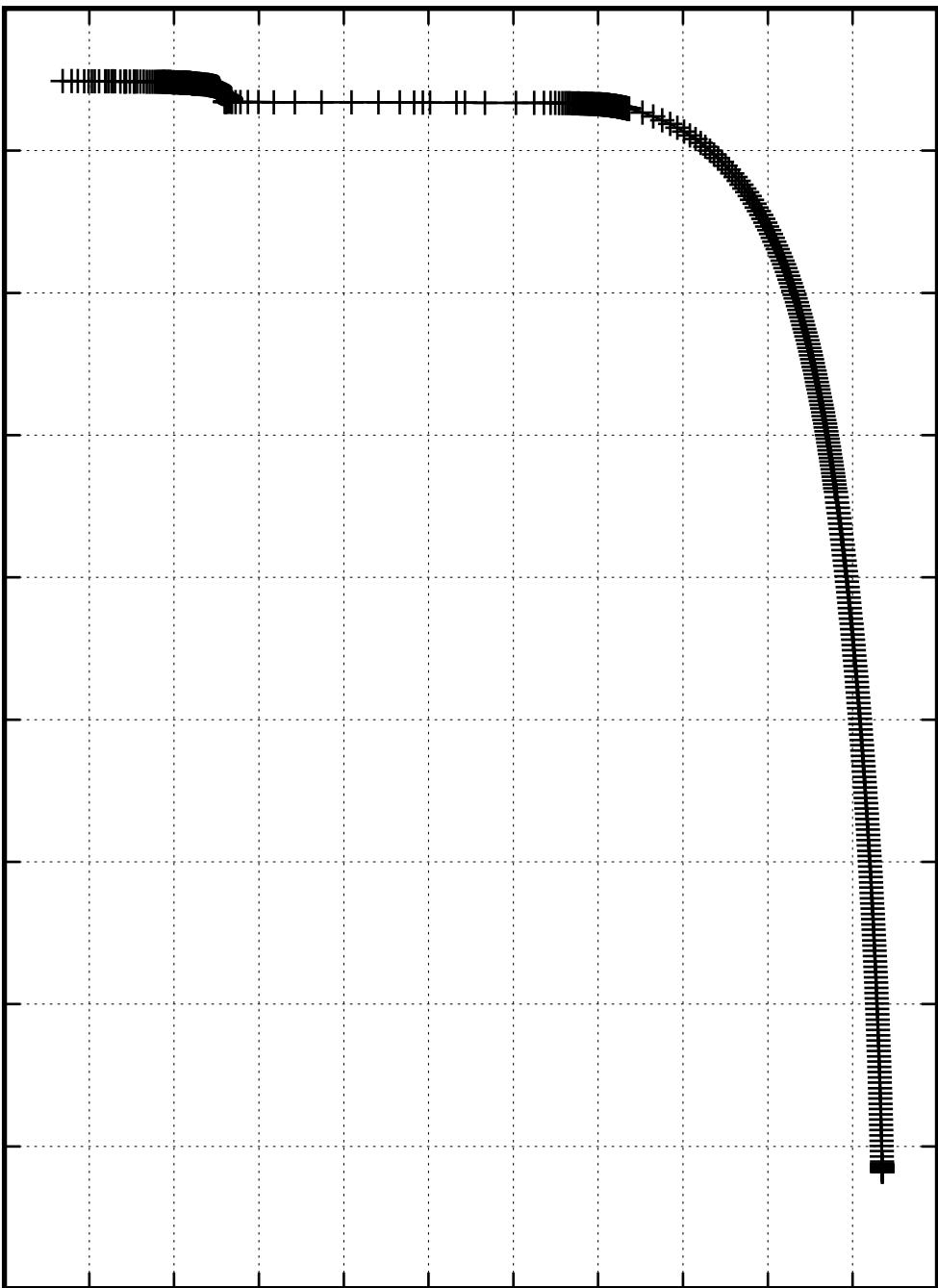


$M=9 M_{\odot}$ $Z=0.1$ smc $v=450$ km/s

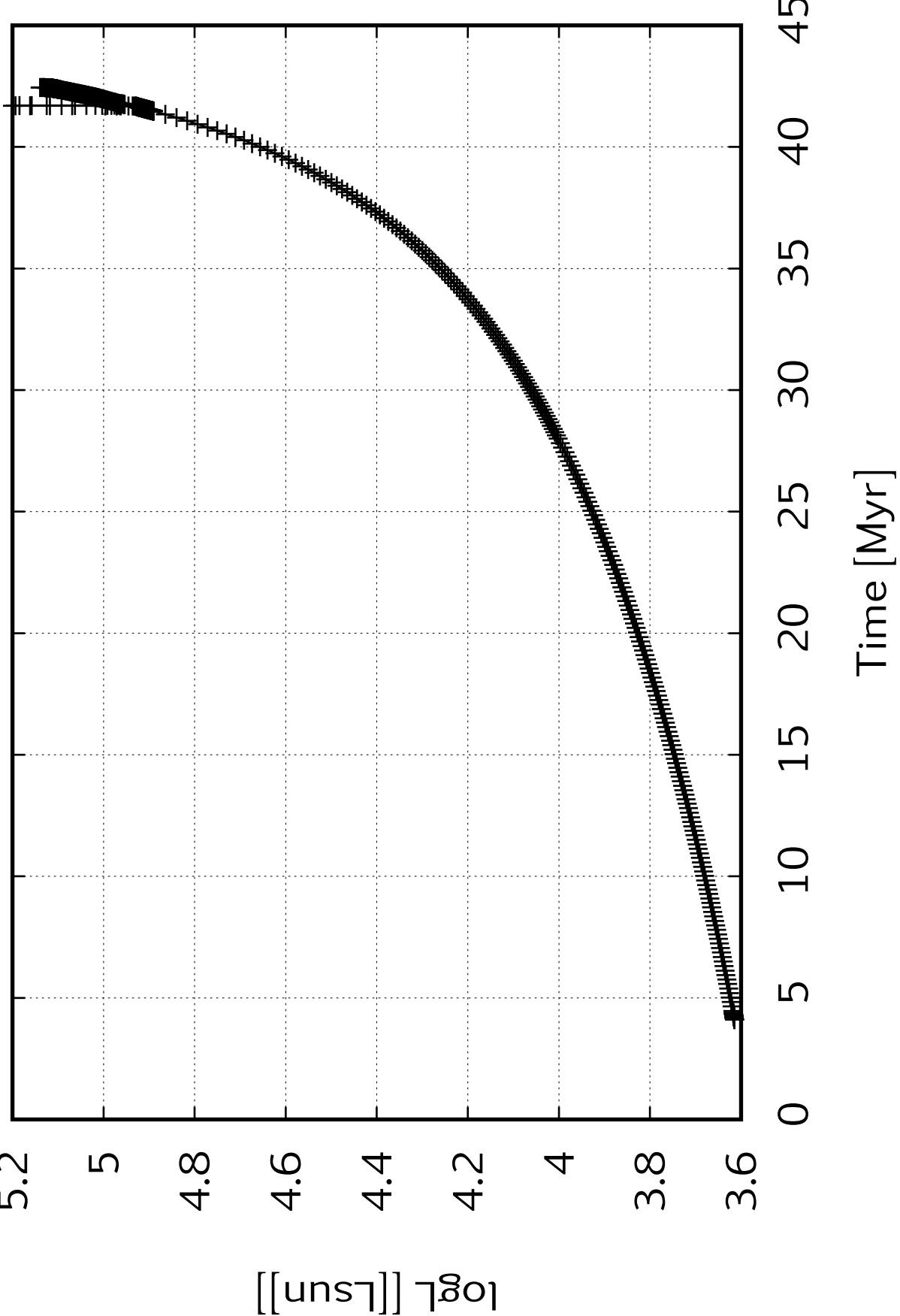
T_{eff} [K]

130000
120000
110000
100000
90000
80000
70000
60000
50000
40000
30000
20000

0 5 10 15 20 25 30 35 40 45
Time [Myr]



$M=9 M_{\odot}$ Z=0.1 smc $v=450 \text{ km/s}$



$M=9 M_{\odot}$ $Z=0.1$ smc $v=450 \text{ km/s}$

3.5

3

2.5

2

1.5

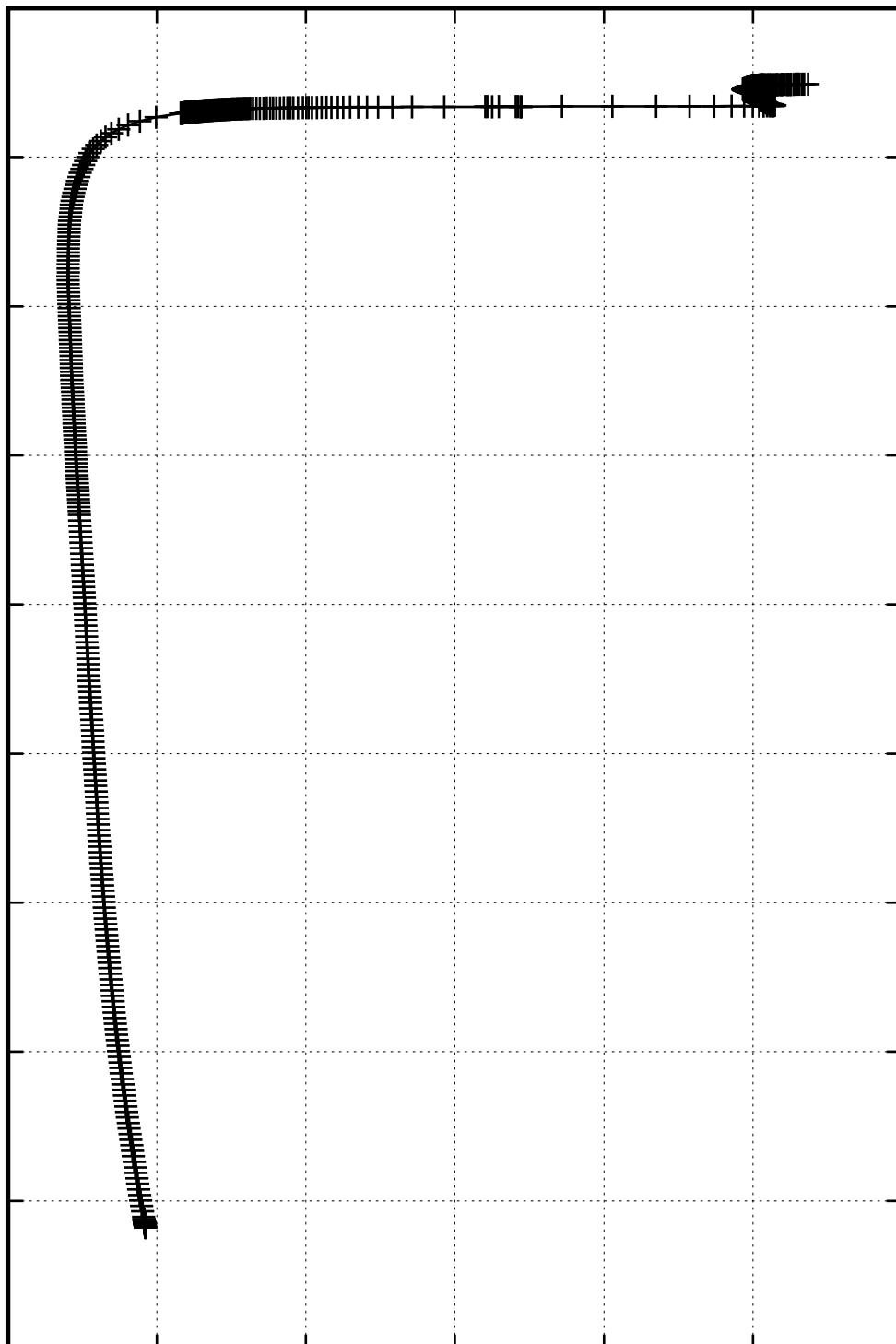
1

0.5

$R [R_{\text{Sun}}]$

0 5 10 15 20 25 30 35 40 45

Time [Myr]

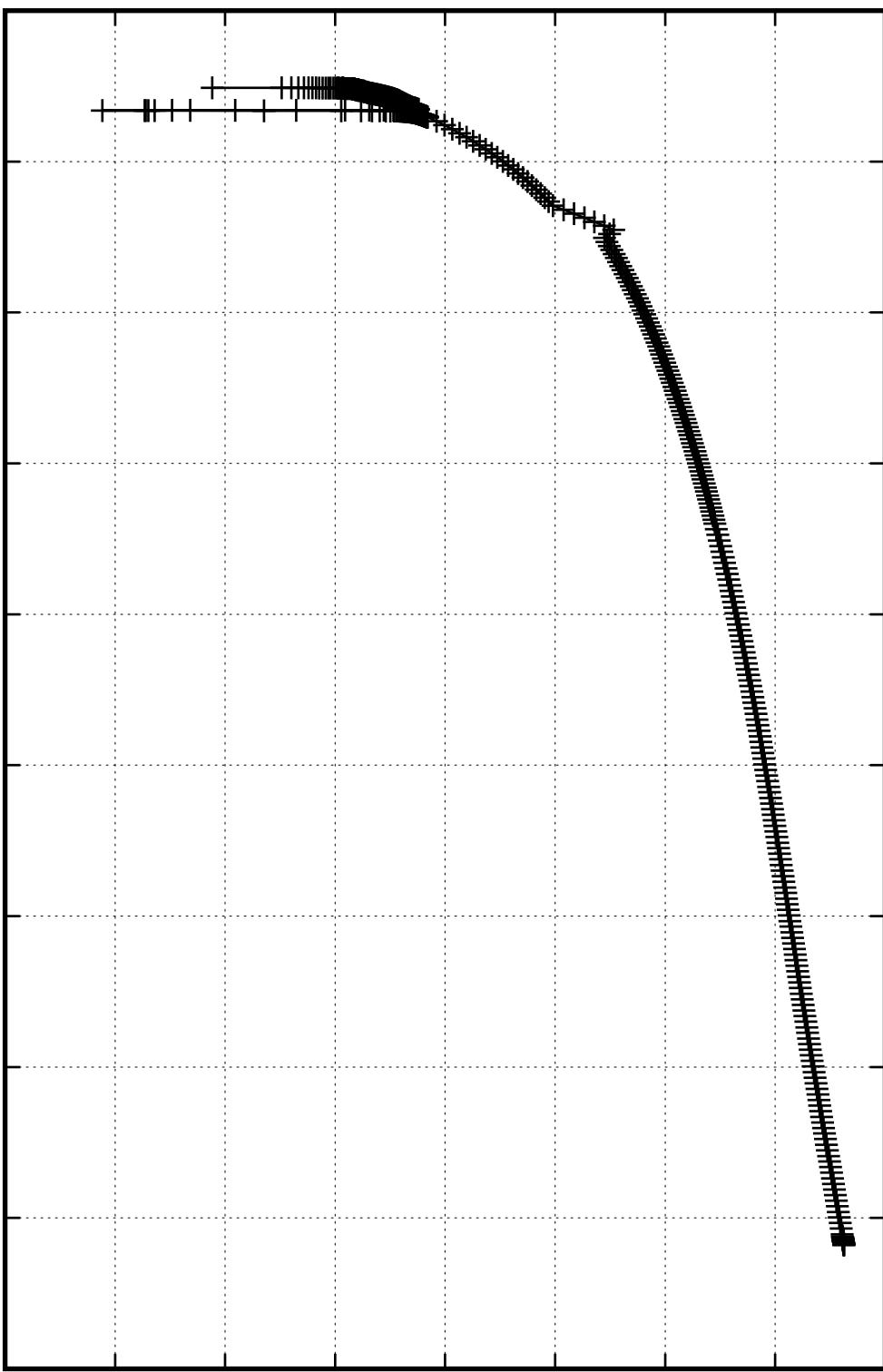


$M=9 M_{\odot}$ Z=0.1 smc $v=450$ km/s

-3 -4 -5 -6 -7 -8 -9 -10 -11

$\log(\dot{M}_{\text{dot}}) [\text{Msun/yr}]$

0 5 10 15 20 25 30 35 40 45
Time [Myr]



$M=9 M_{\odot}$ Z=0.1 smc $v=450$ km/s

5.6

5.4

5.2

5

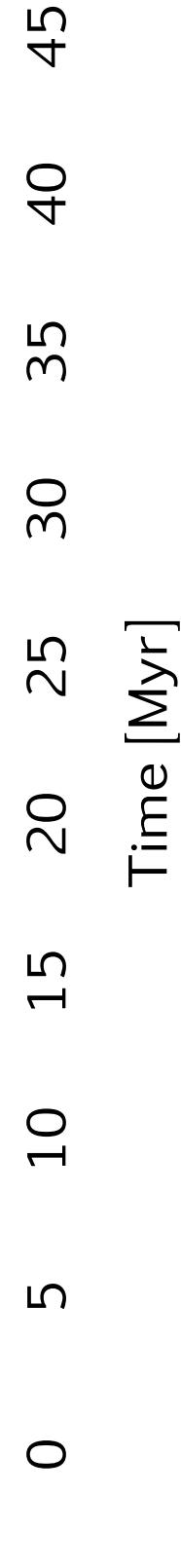
4.8

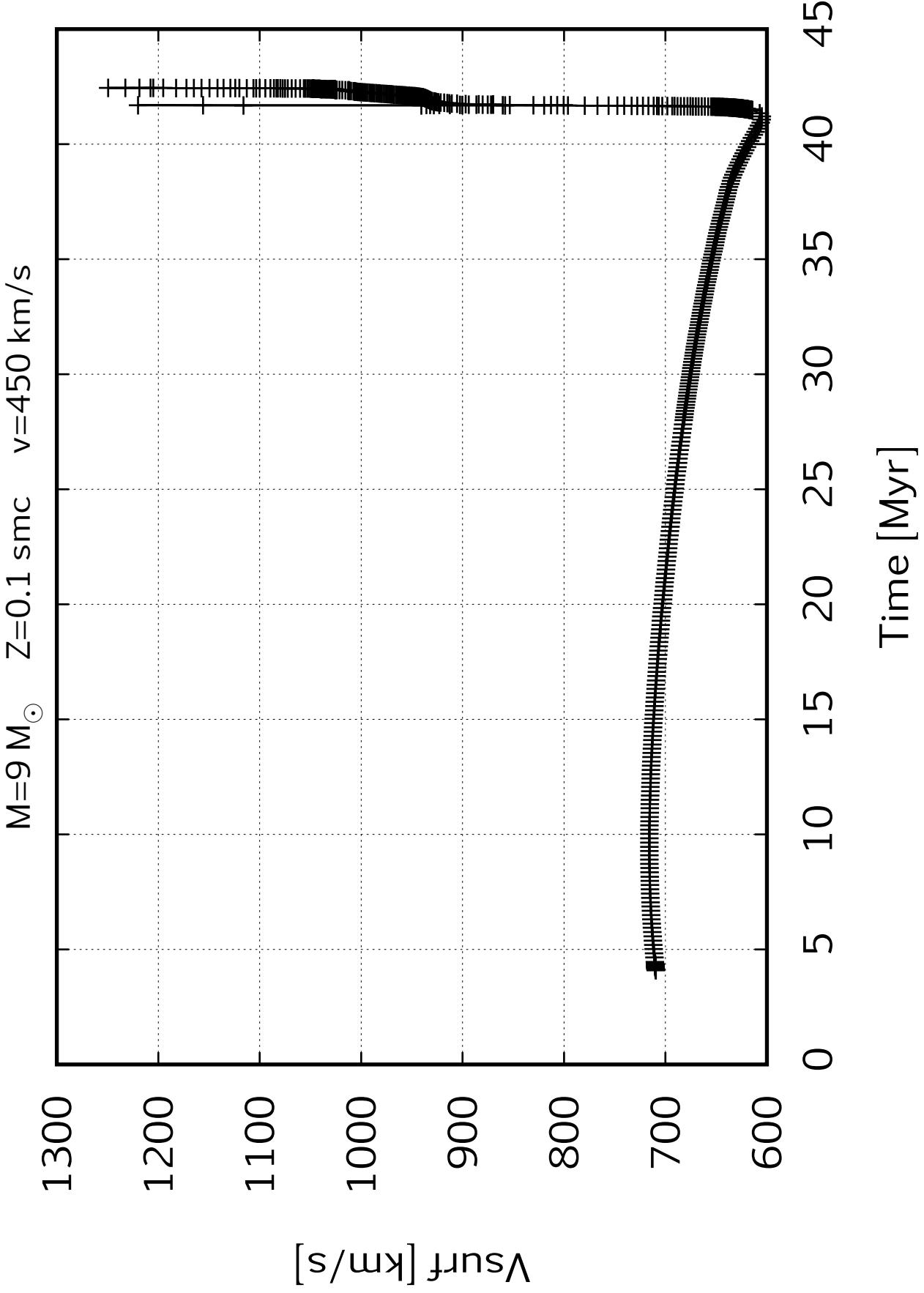
4.6

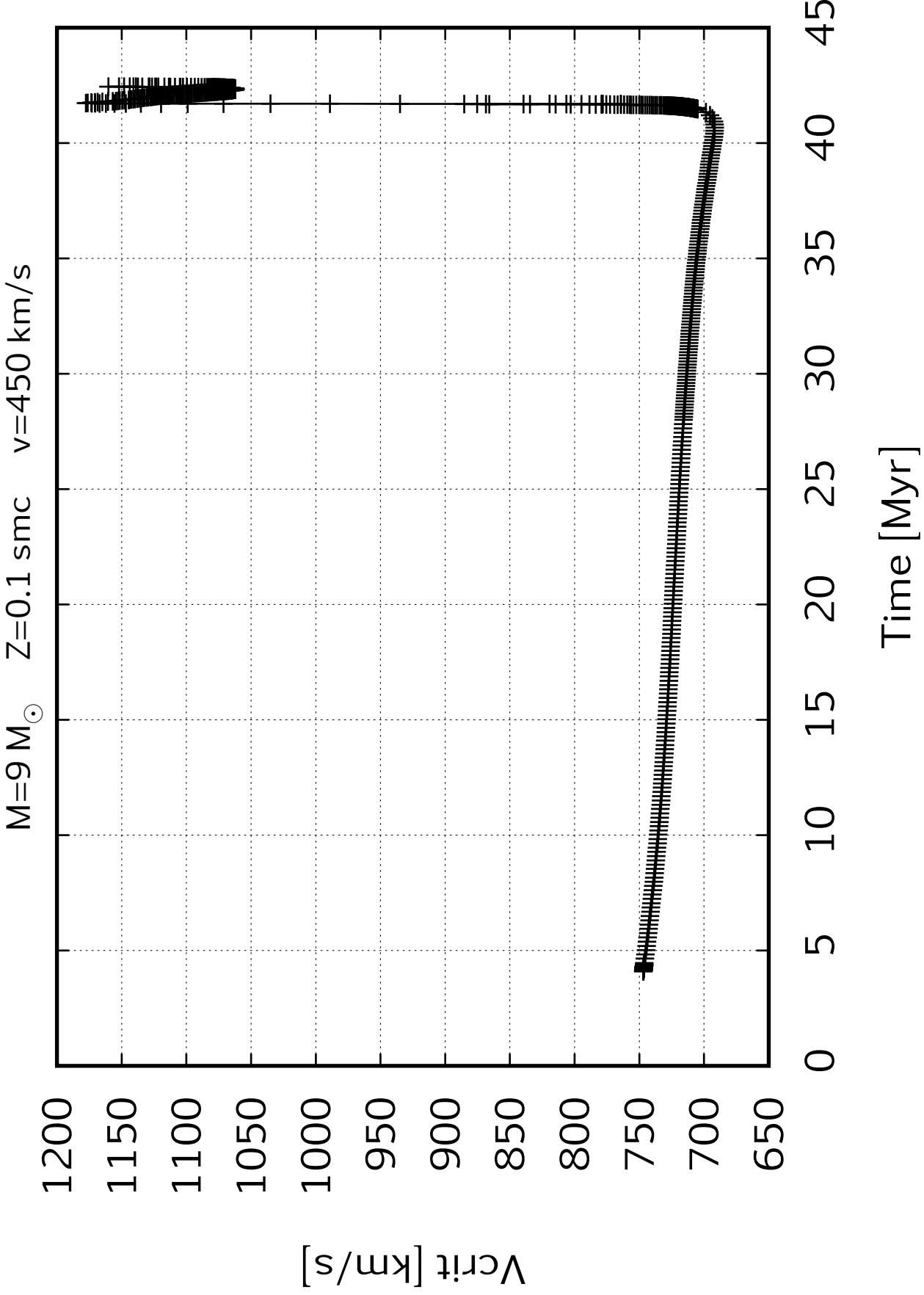
4.4

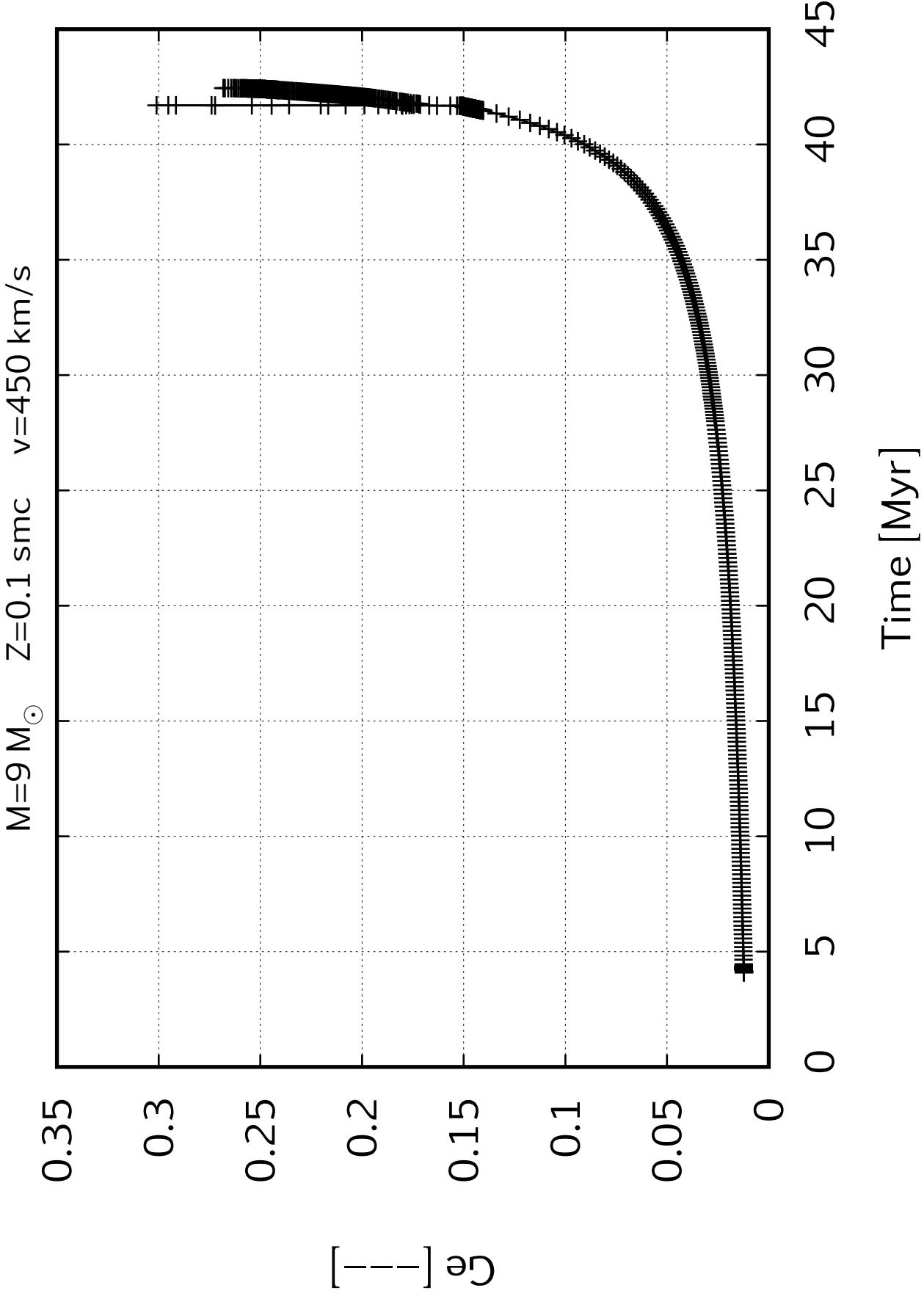
4.2

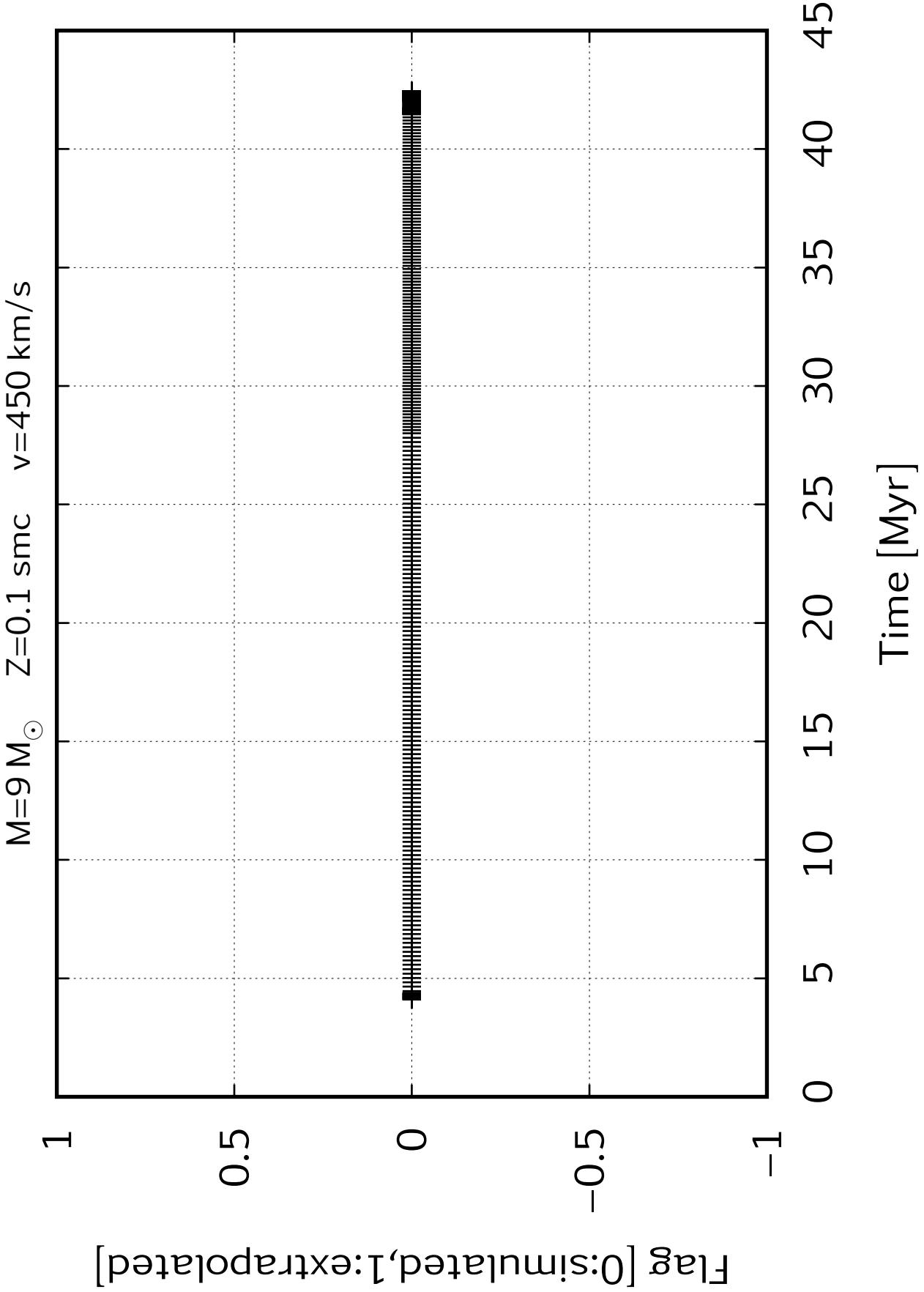
$\log \text{ao}$ [cm/s 2]











$M=9 M_{\odot}$ $Z=0.1$ smc $v=450$ km/s

0 5 10 15 20 25 30 35 40 45

Time [Myr]

12.15

12.1

12.05

12

11.95

11.9

11.85

[---] (H) ePS

$M=9 M_{\odot}$ Z=0.1 smc $v=450$ km/s

19

18

17

16

15

14

13

12

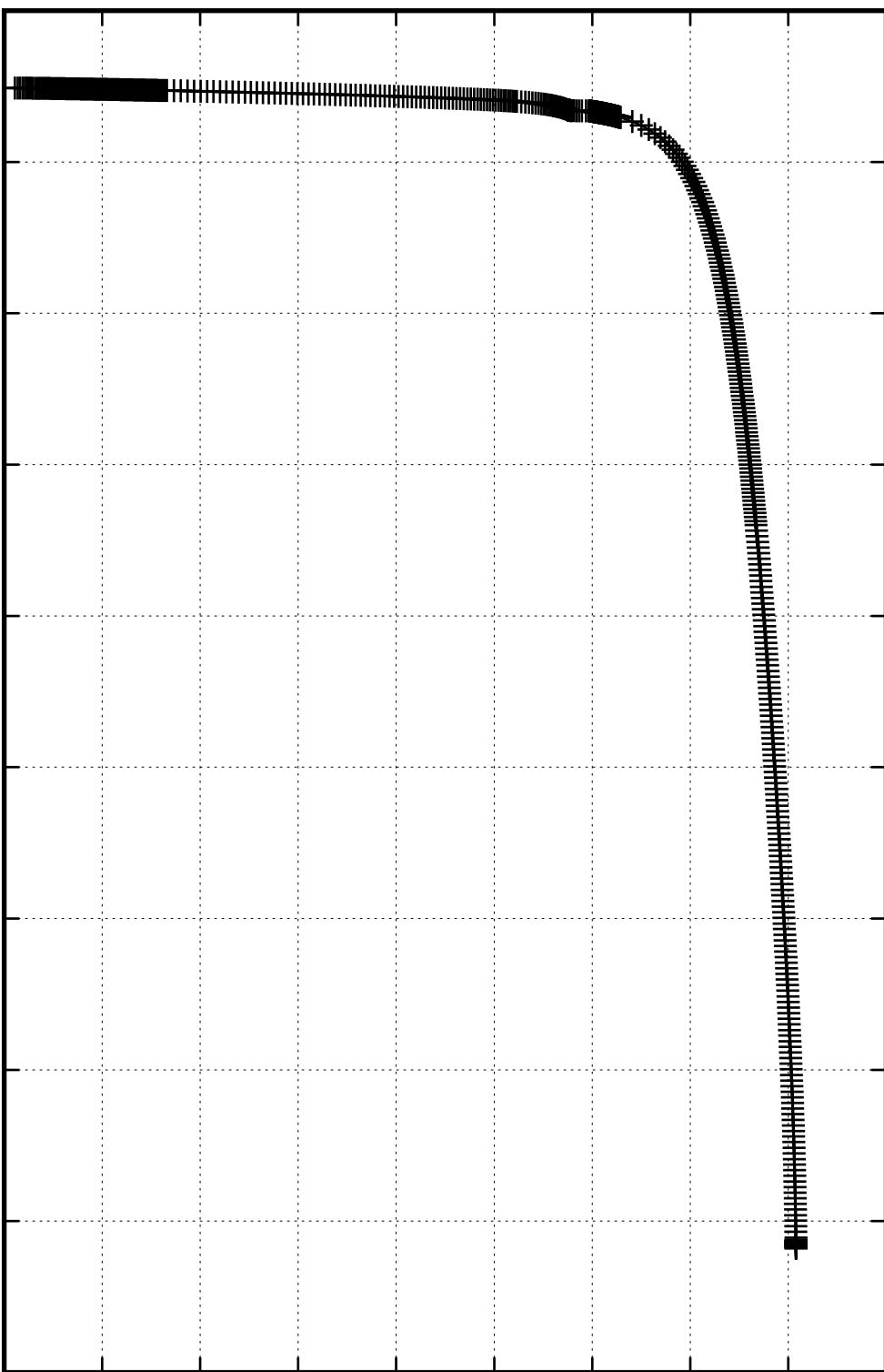
11

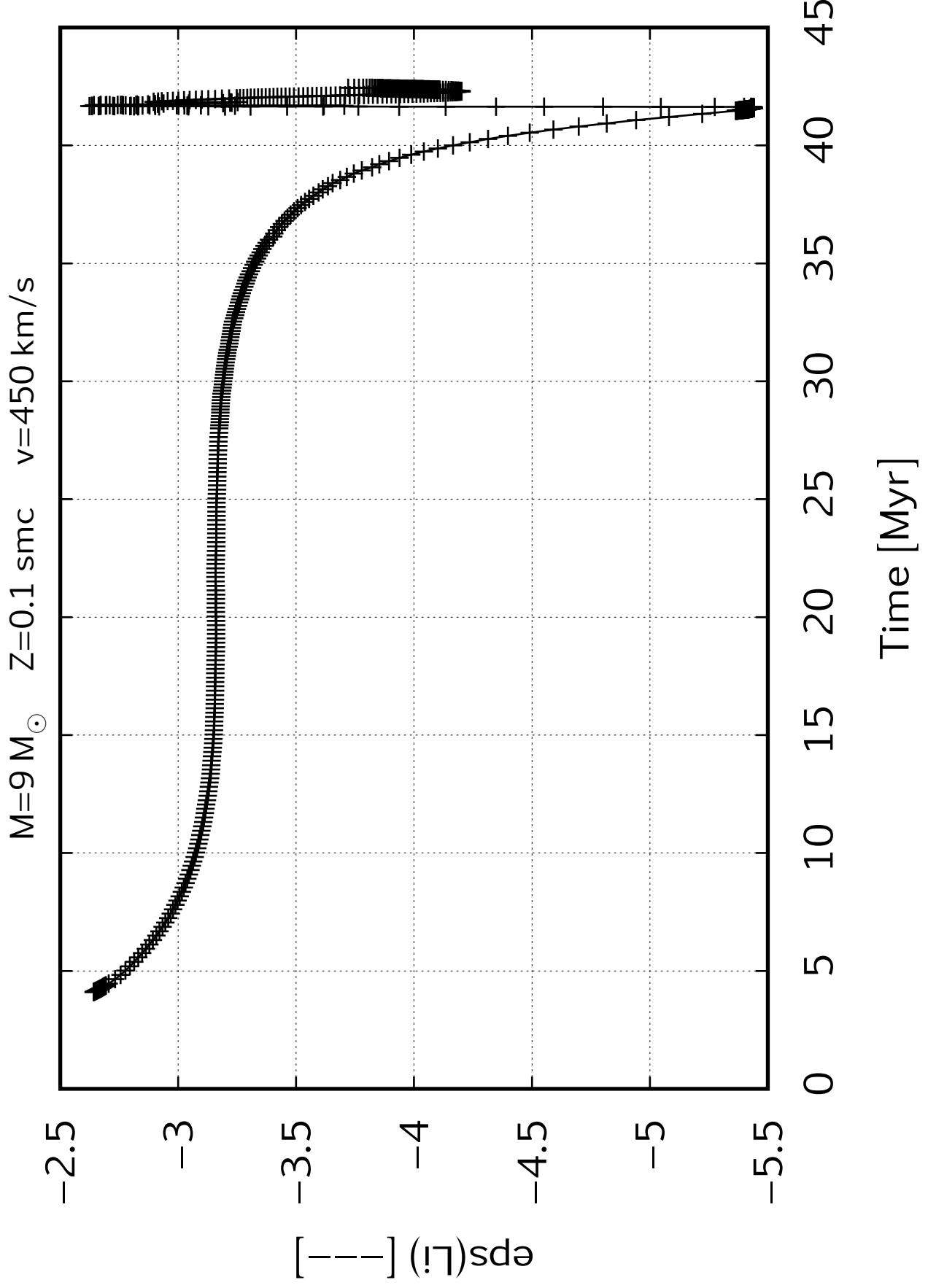
10

[---] $\epsilon_{PS}(He)$ [---]

0 5 10 15 20 25 30 35 40 45

Time [Myr]



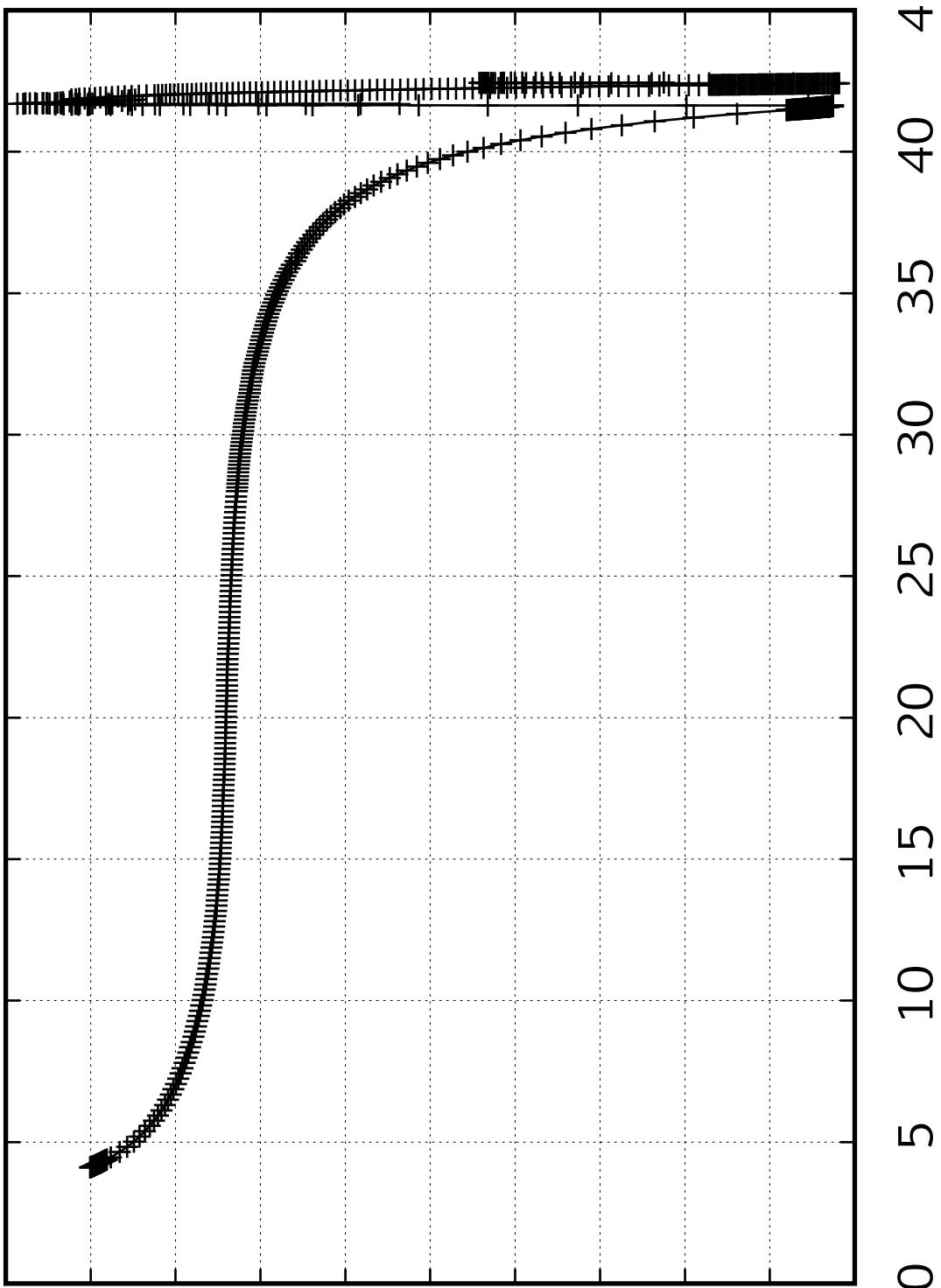


$M=9 M_{\odot}$ Z=0.1 smc $v=450 \text{ km/s}$

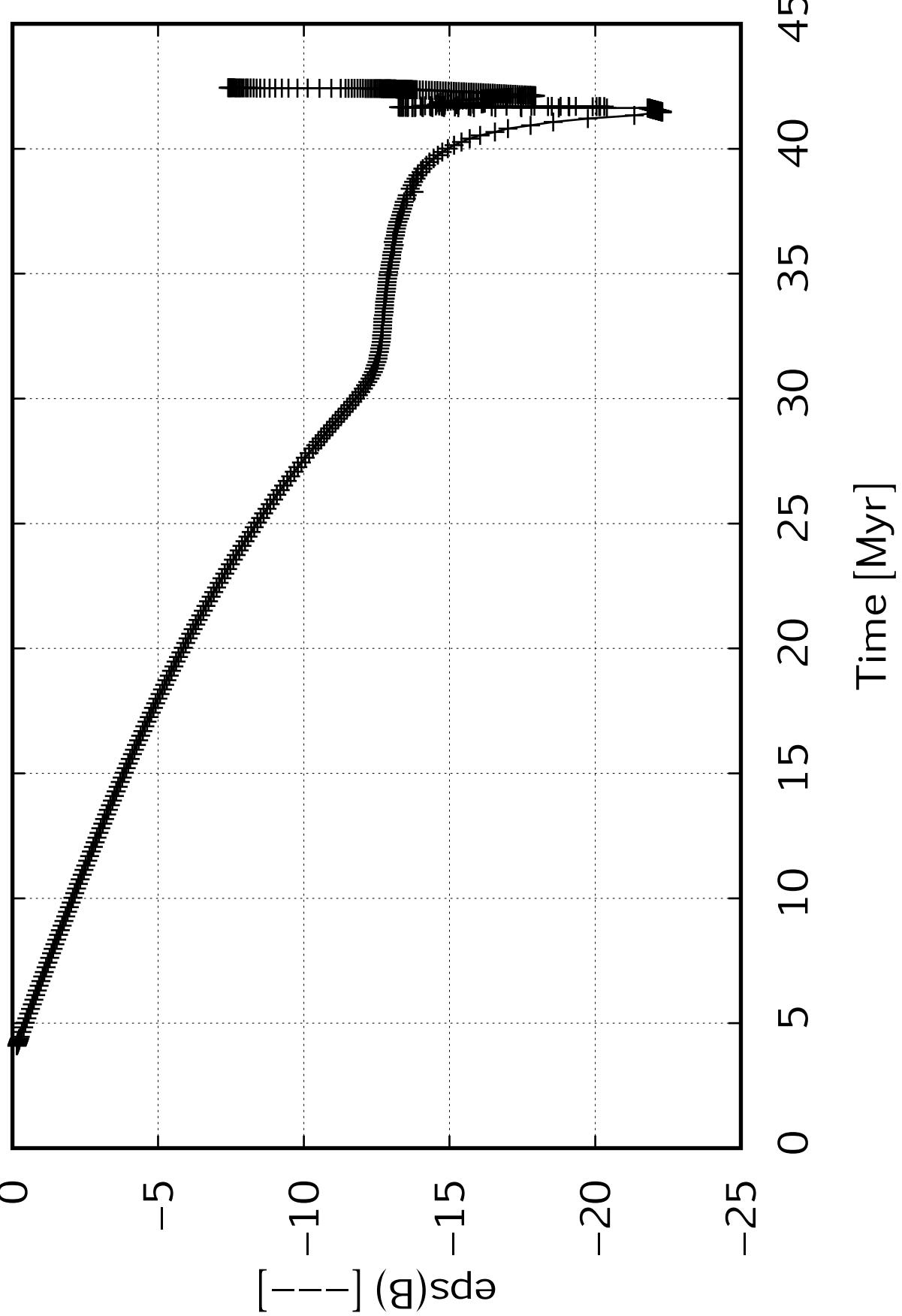
-2.5
-3
-3.5
-4
-4.5
-5
-5.5
-6
-6.5
-7
-7.5

[---] eps(Be)

Time [Myr]



$M=9 M_{\odot}$ $Z=0.1$ smc $v=450$ km/s



$M=9 M_{\odot}$ Z=0.1 smc $v=450$ km/s

[—] $\epsilon ps(C)$

18

16

14

12

10

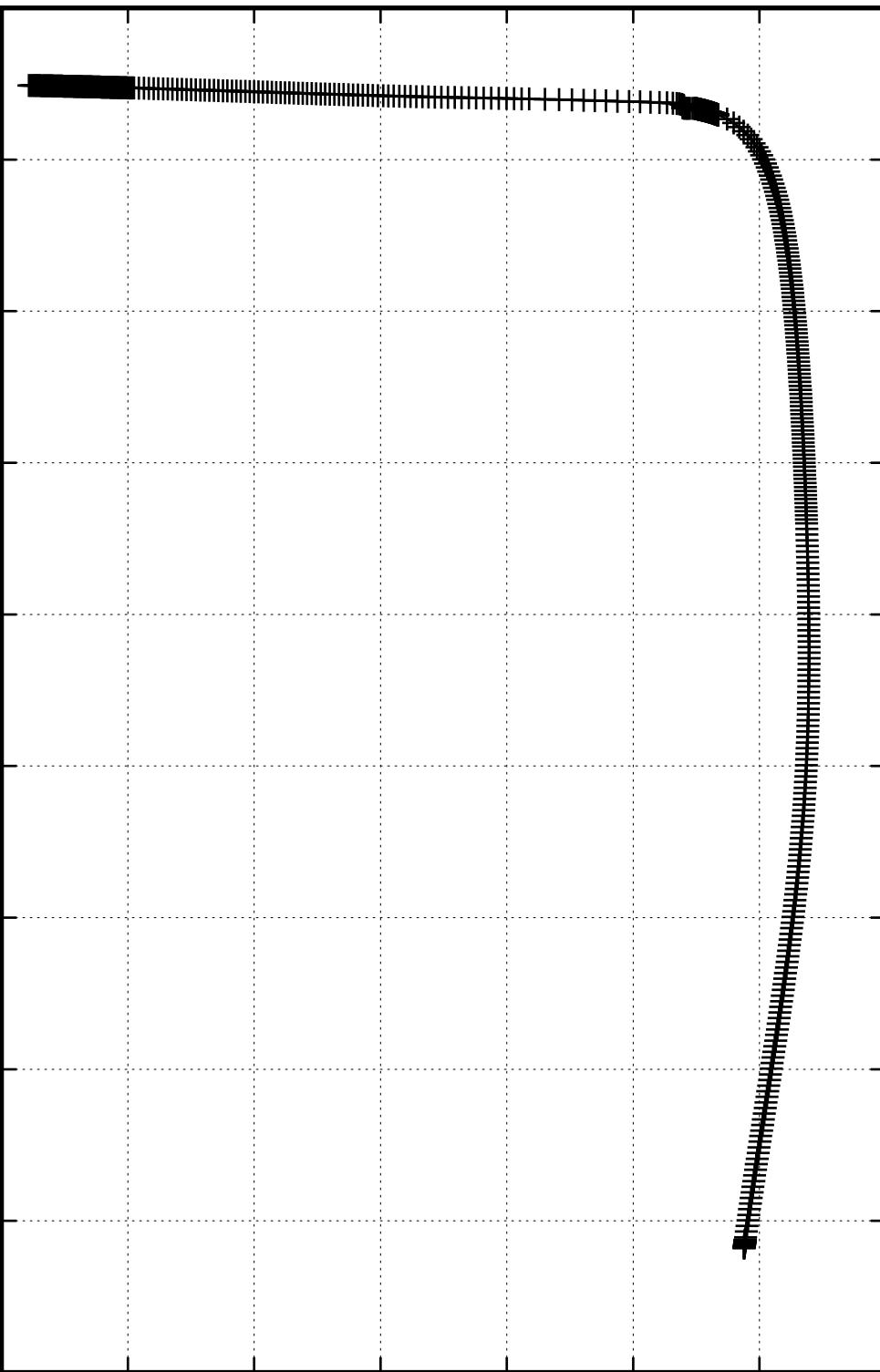
8

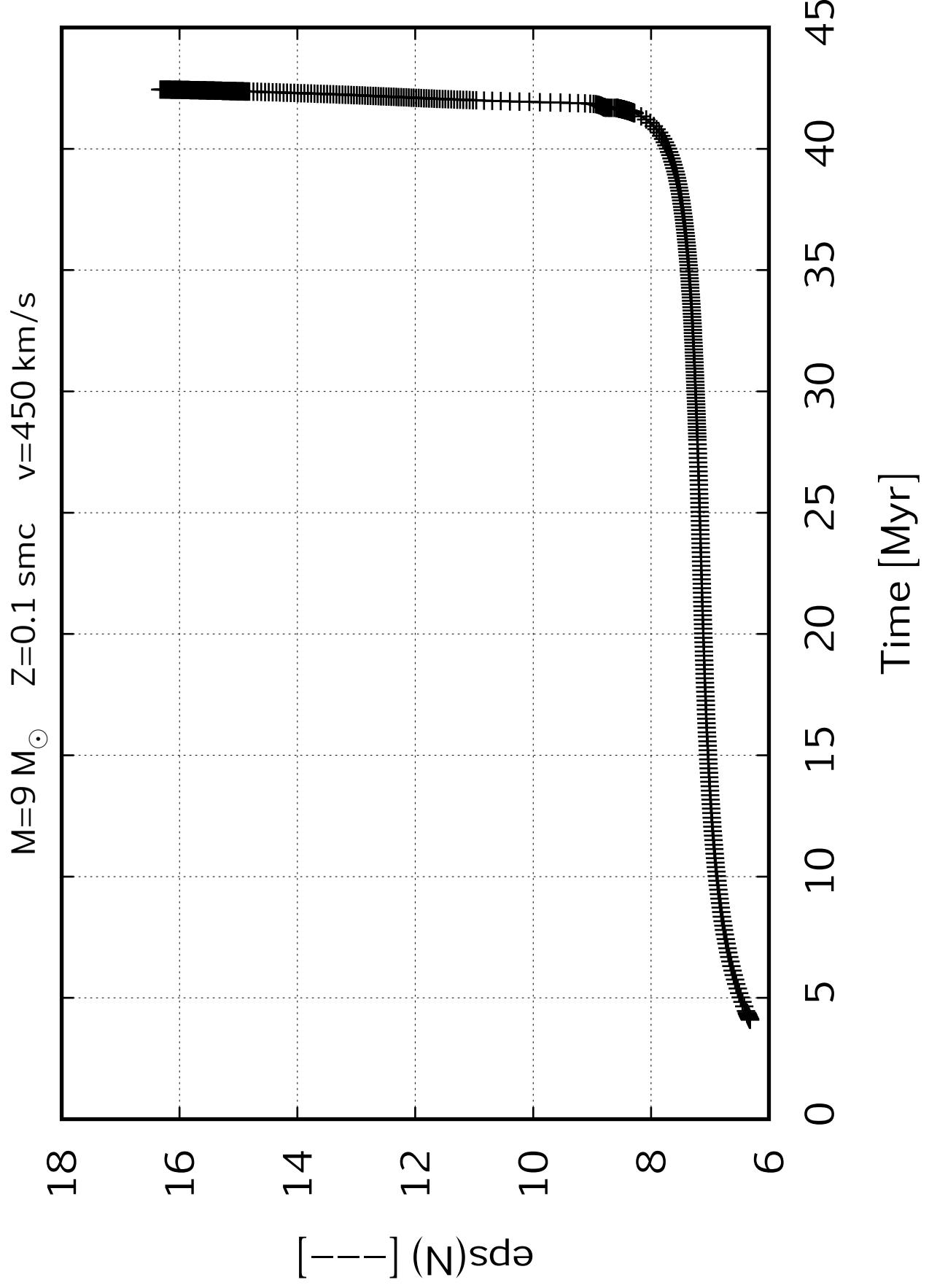
6

4

0 5 10 15 20 25 30 35 40 45

Time [Myr]





$M=9 M_{\odot}$ Z=0.1 smc $v=450$ km/s

18

16

14

12

10

8

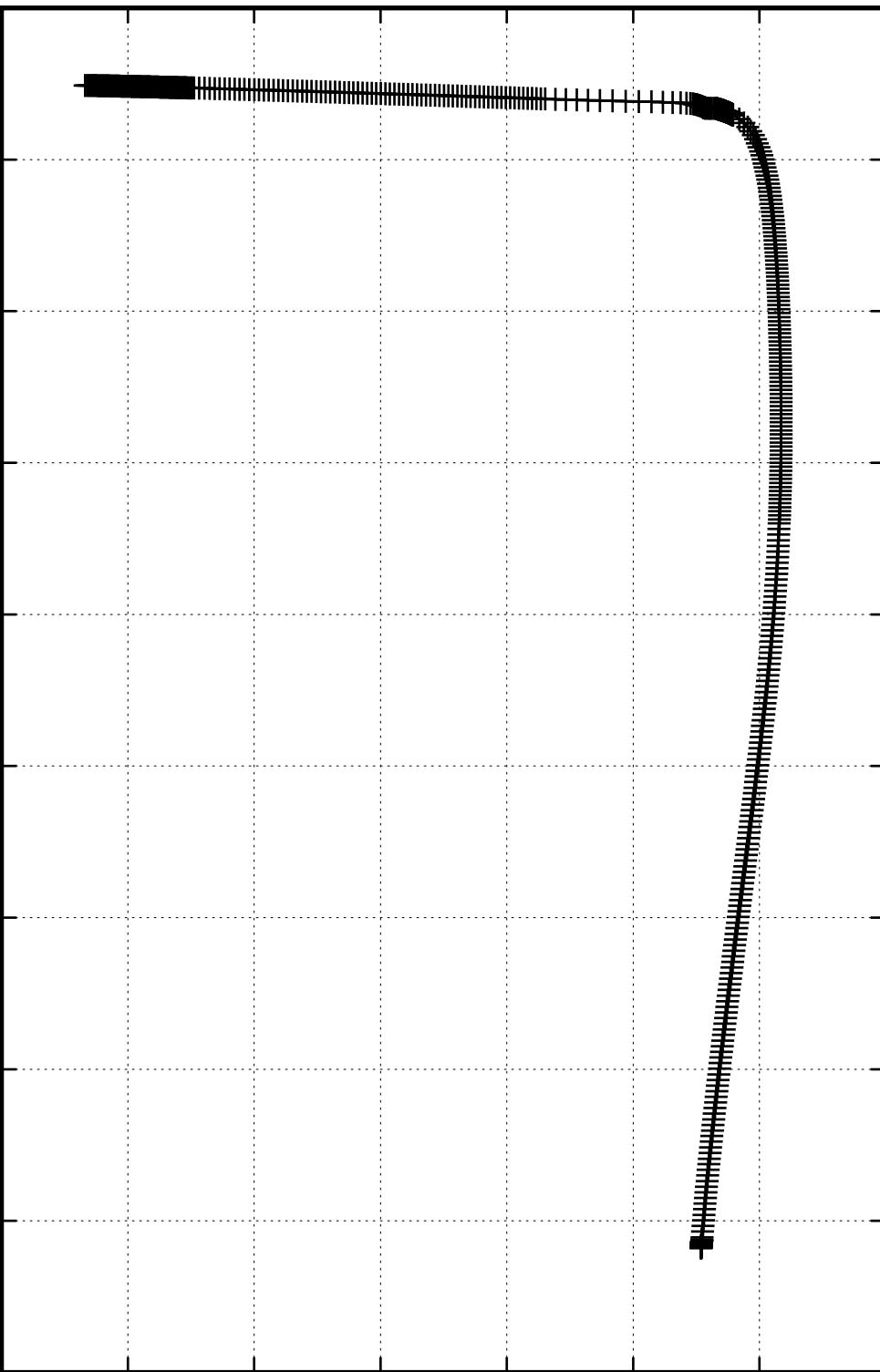
6

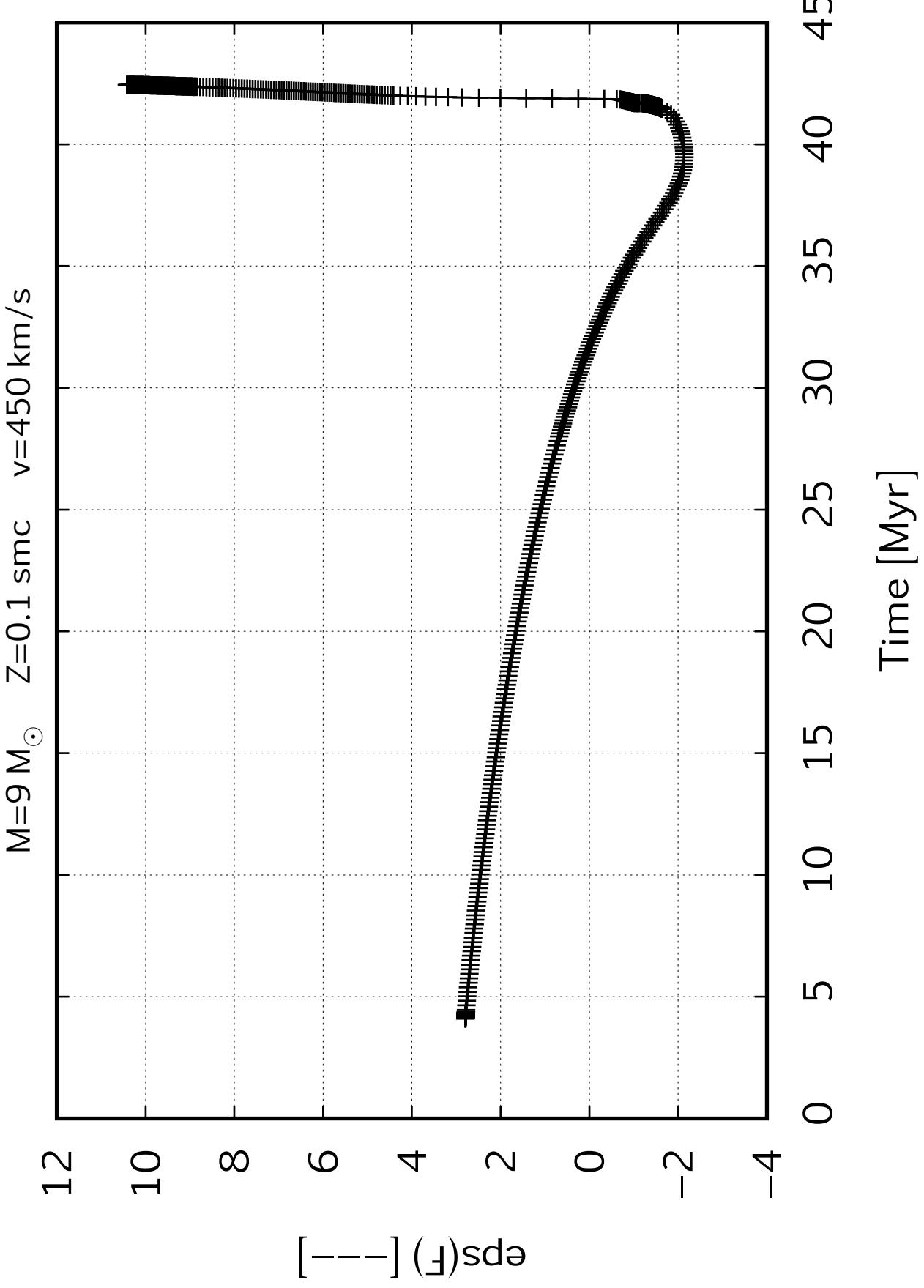
4

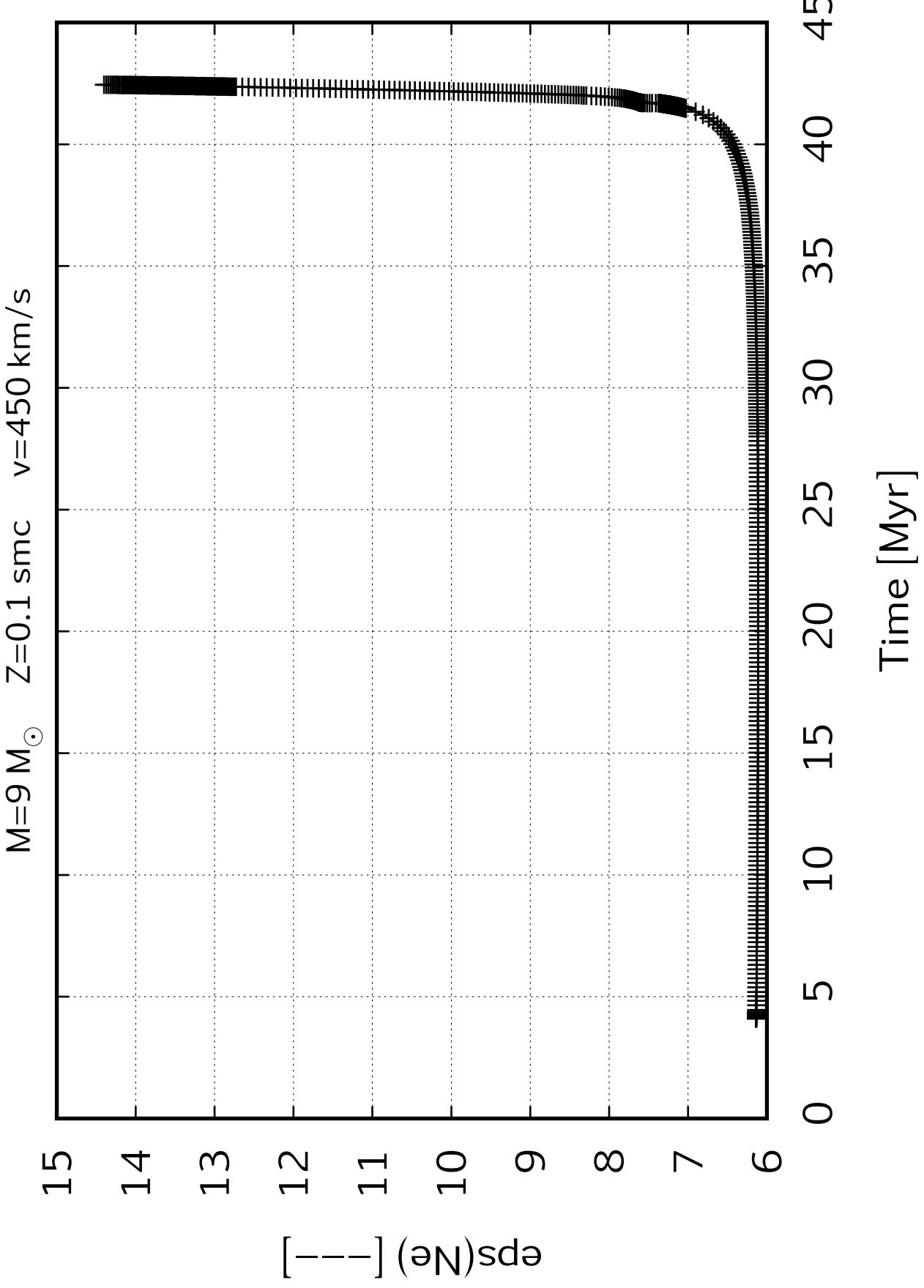
[---] (O) $\epsilon ps(O)$

0 5 10 15 20 25 30 35 40 45

Time [Myr]







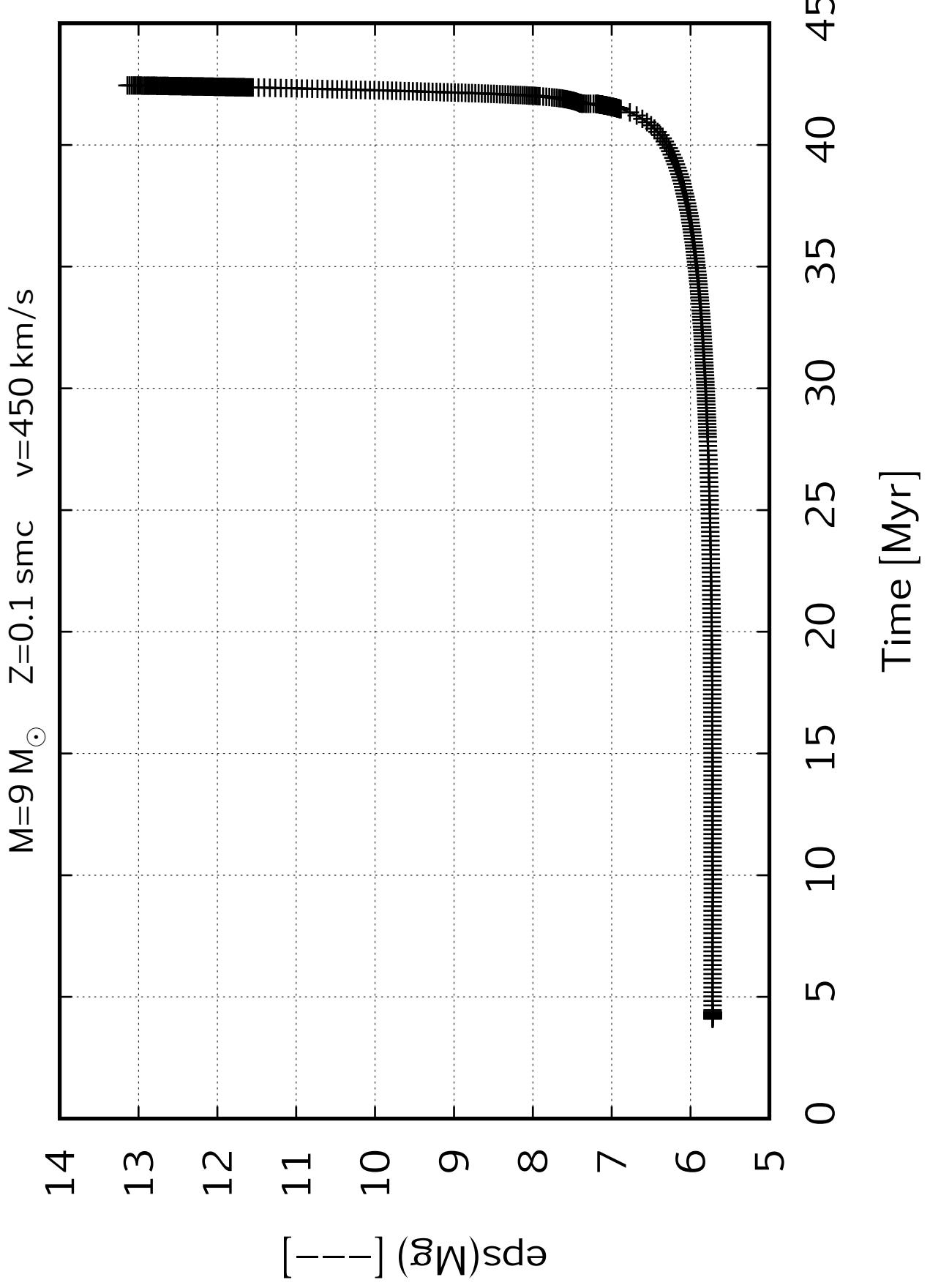
$M=9 M_{\odot}$ $Z=0.1$ smc $v=450$ km/s

14
13
12
11
10
9
8
7
6
5
4

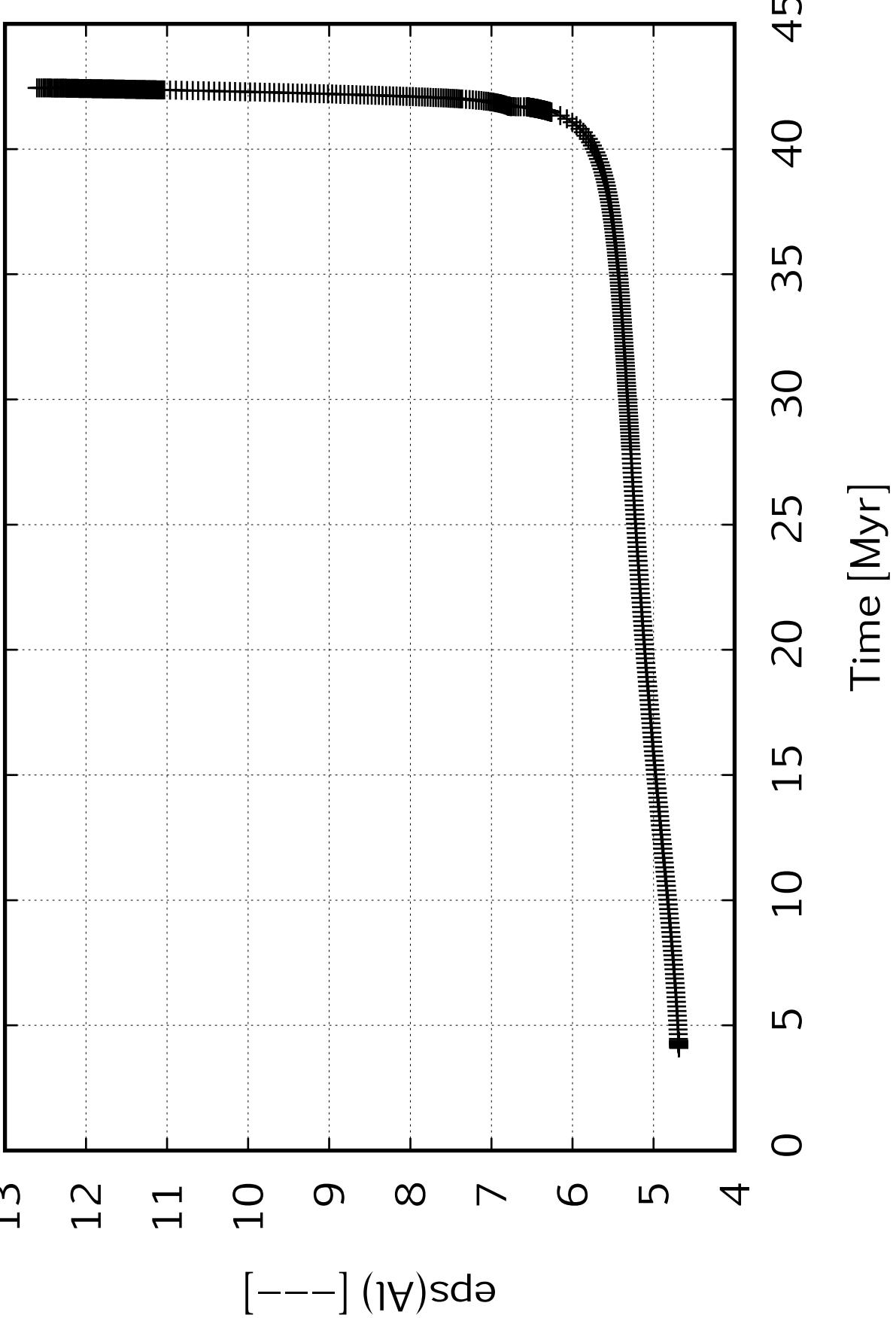
[---] $\epsilon_{\text{PS}}(\text{Na})$

0 5 10 15 20 25 30 35 40 45
Time [Myr]





M=9 M_{\odot} Z=0.1 smc $v=450$ km/s



$M=9 M_{\odot}$ $Z=0.1$ smc $v=450 \text{ km/s}$

7.96
7.94
7.92
7.9
7.88
7.86
7.84
7.82
7.8
7.78

He-core-size [M_{\odot} sun]

0 5 10 15 20 25 30 35 40 45
Time [Myr]

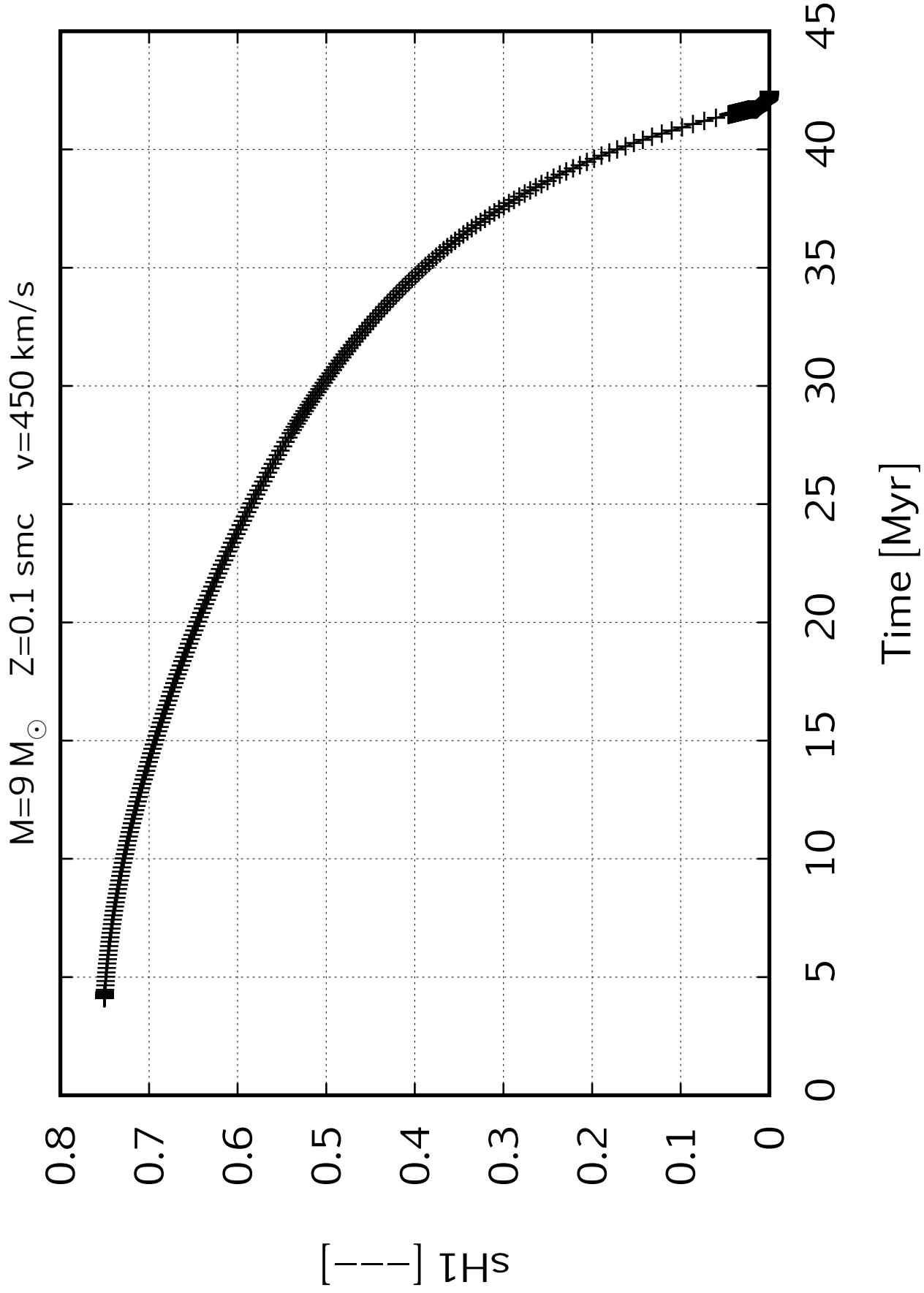
$M=9 M_{\odot}$ $Z=0.1$ smc $v=450 \text{ km/s}$

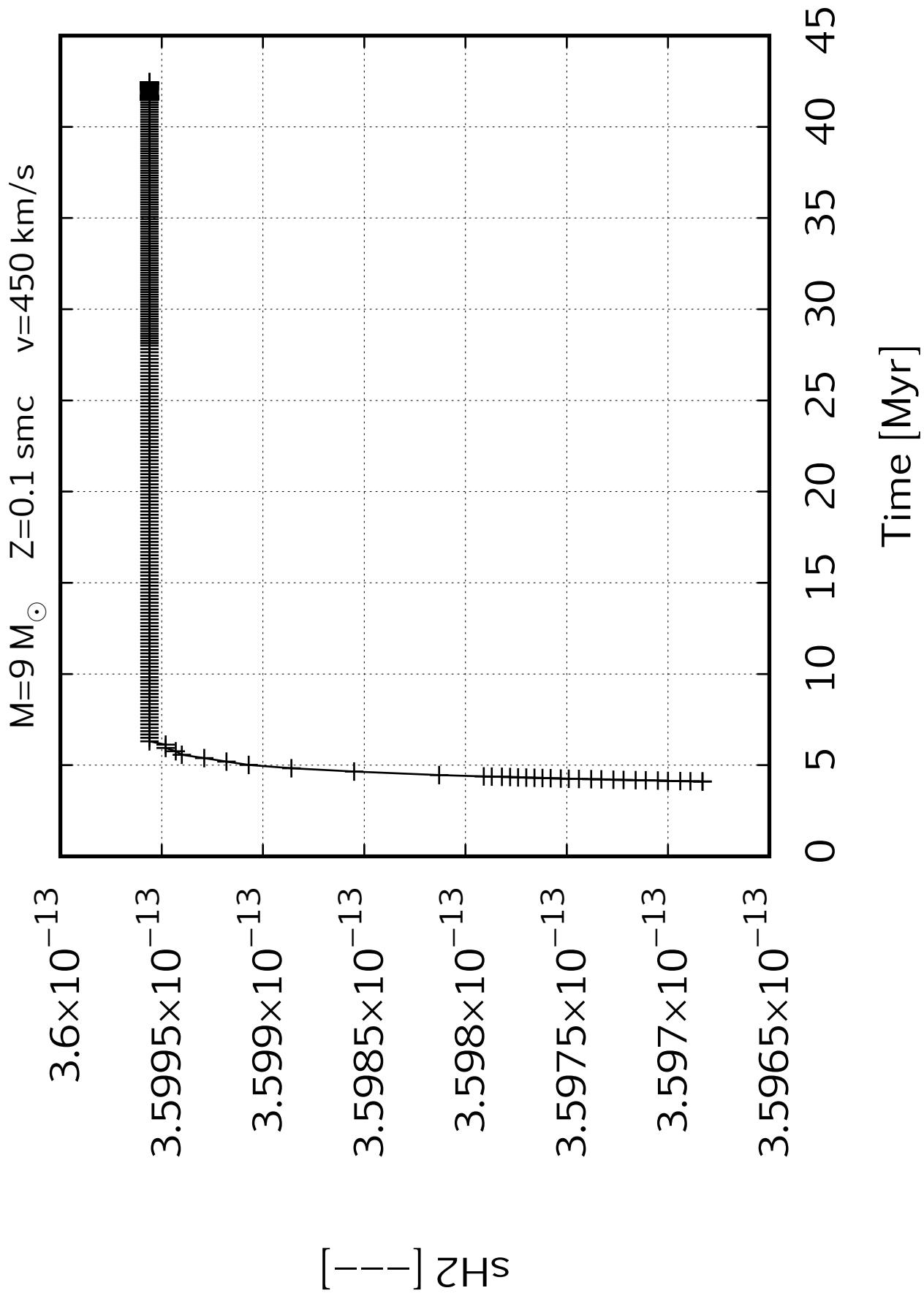
0 5 10 15 20 25 30 35 40 45

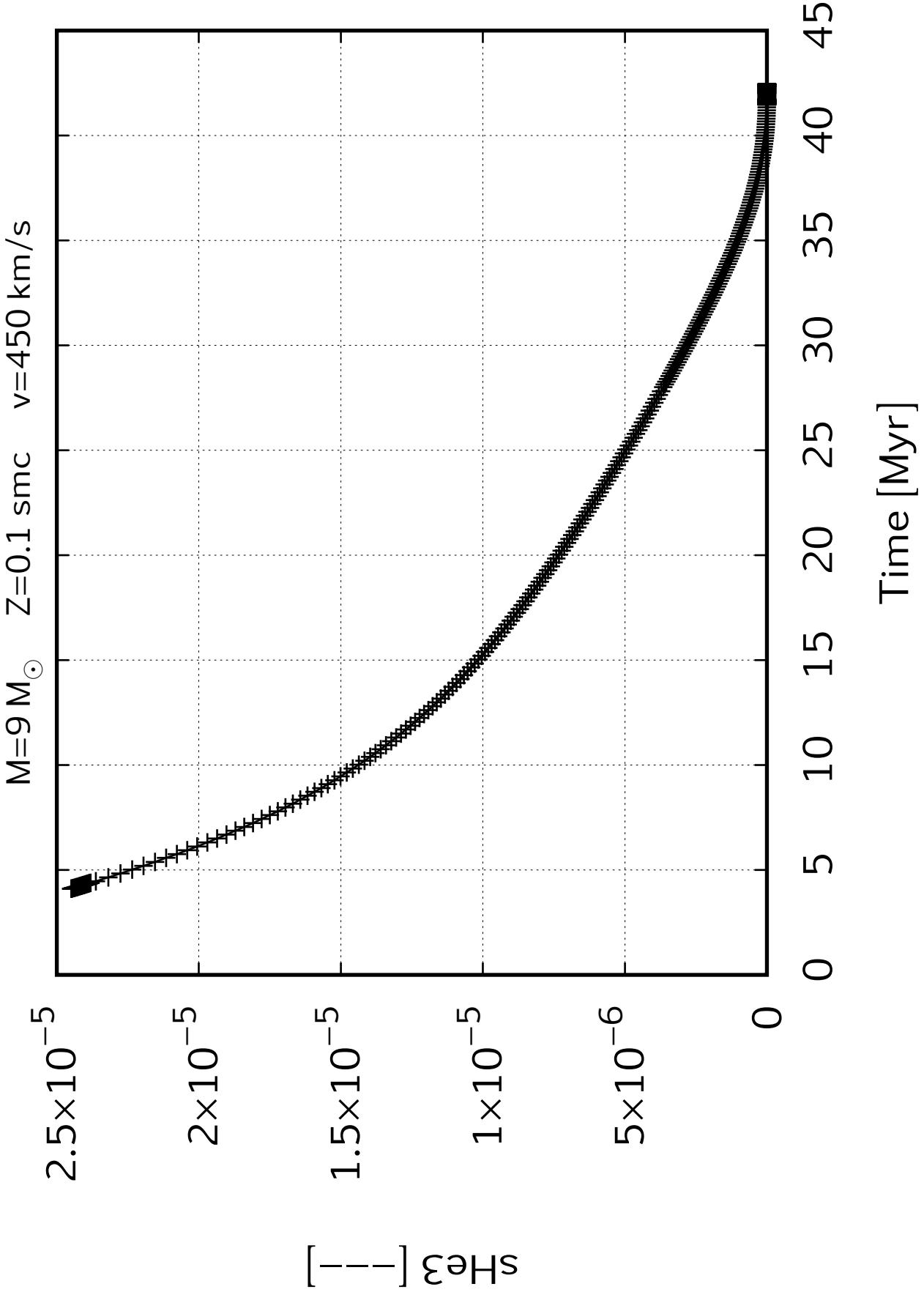
Time [Myr]

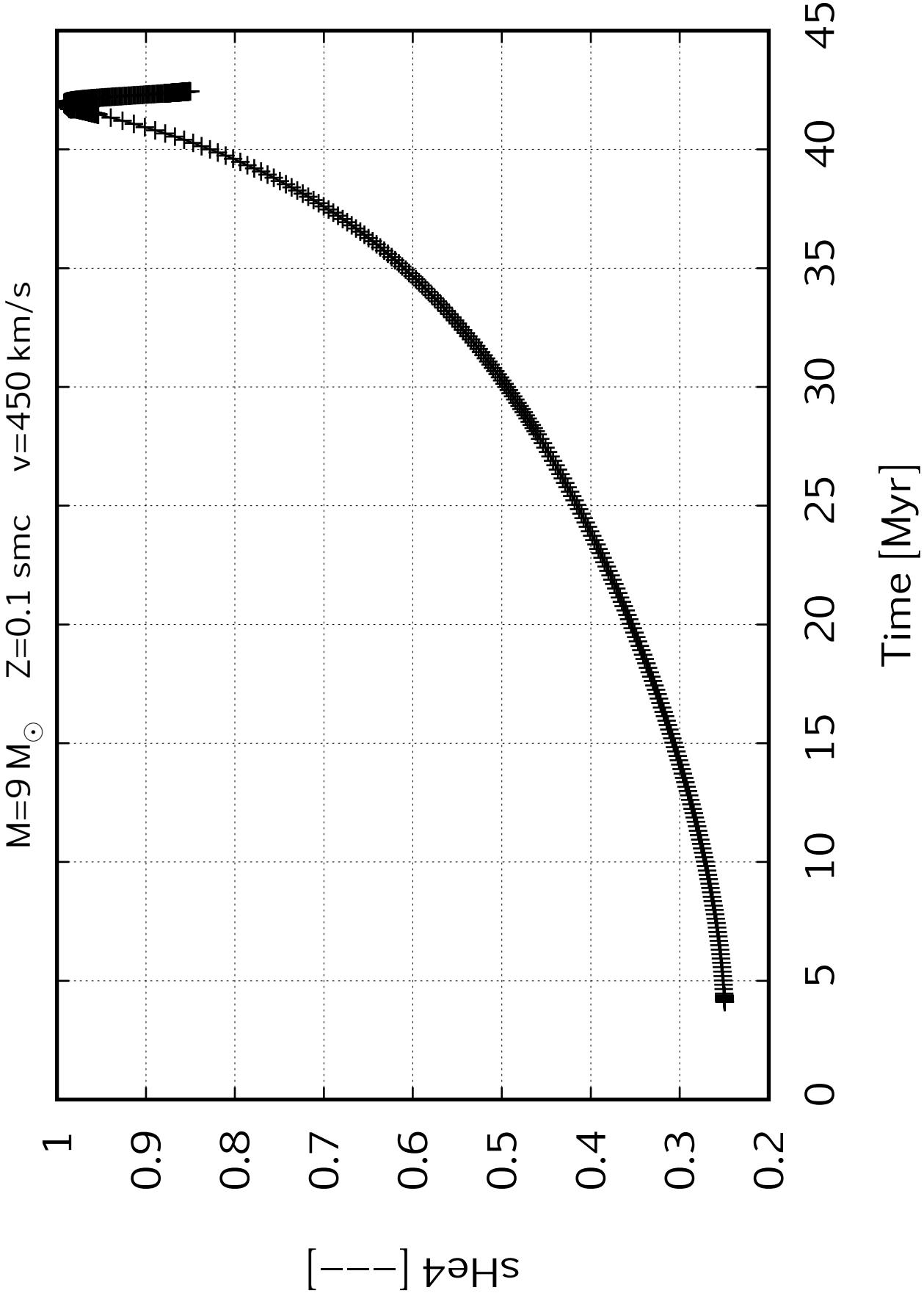
6.36
6.34
6.32
6.3
6.28
6.26
6.24
6.22

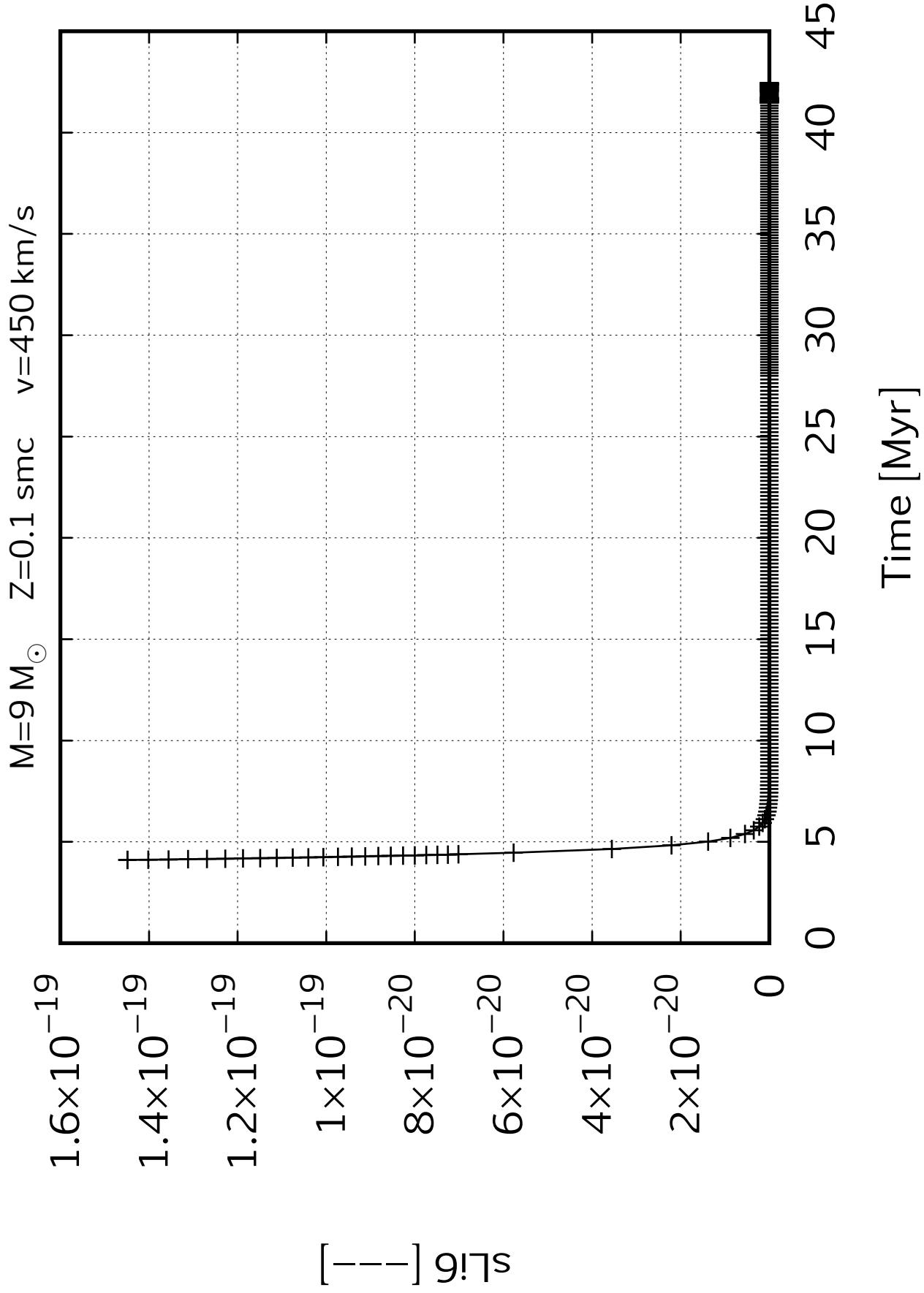
CO-core-size [M_{\odot} sun]

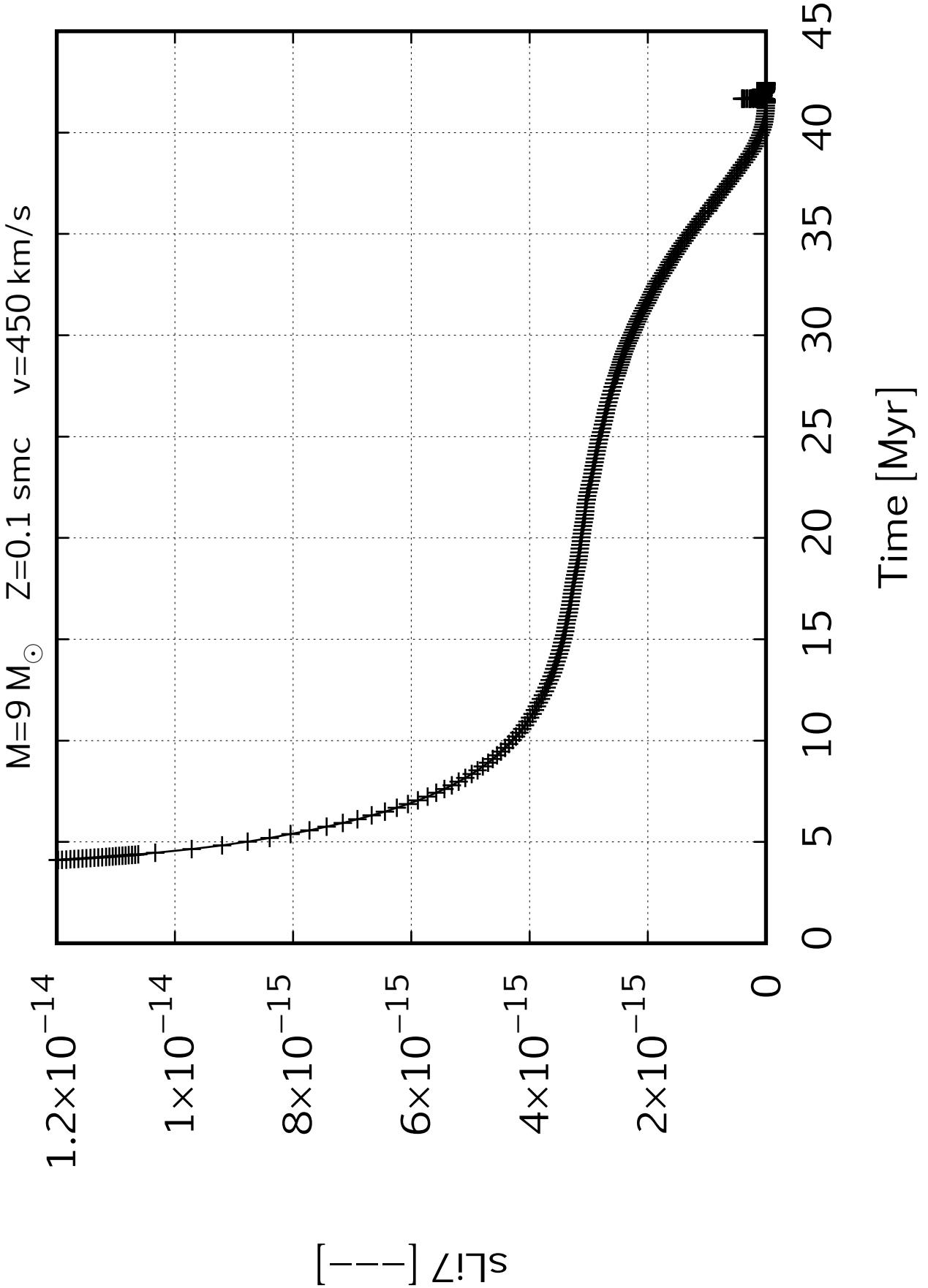




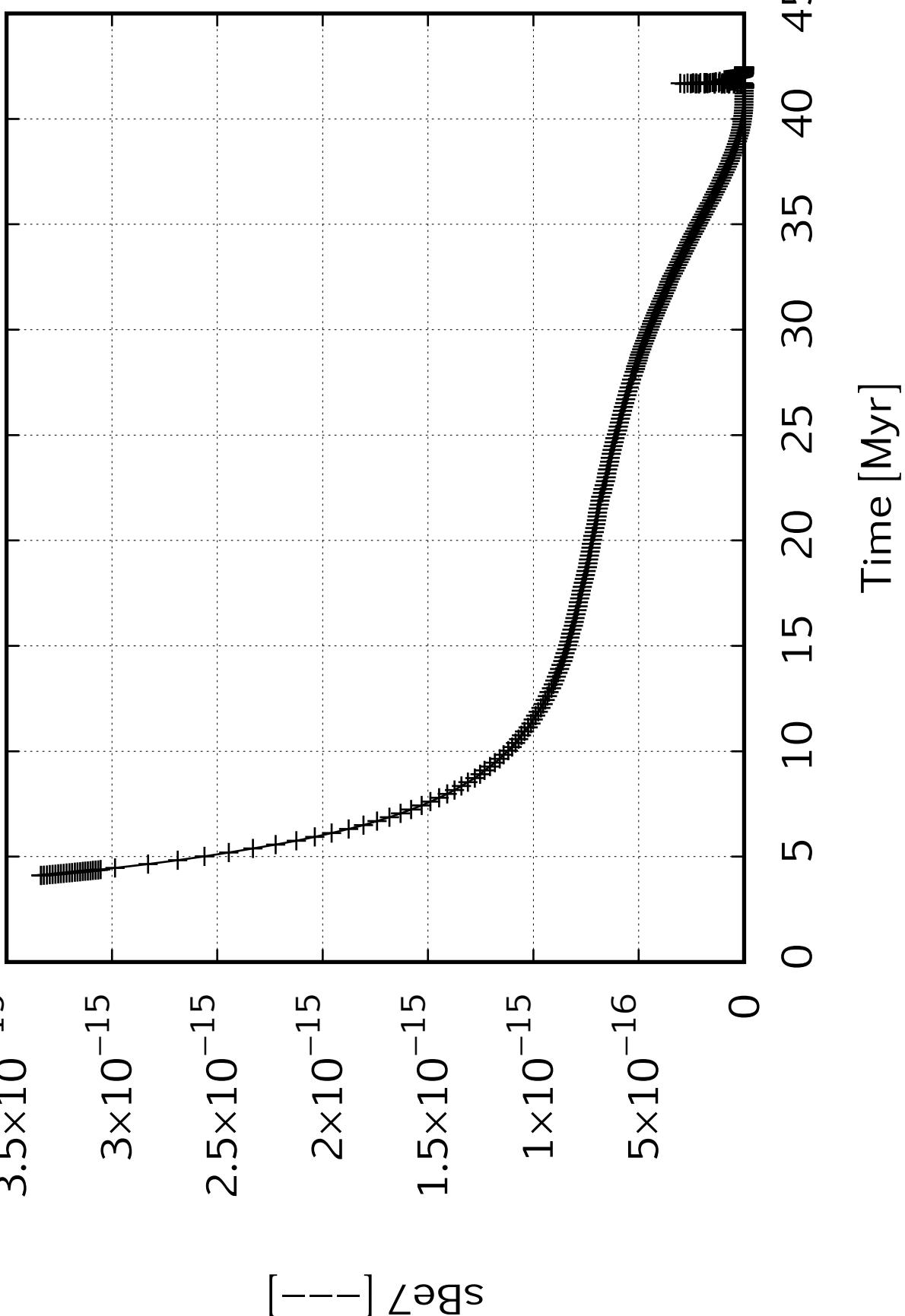


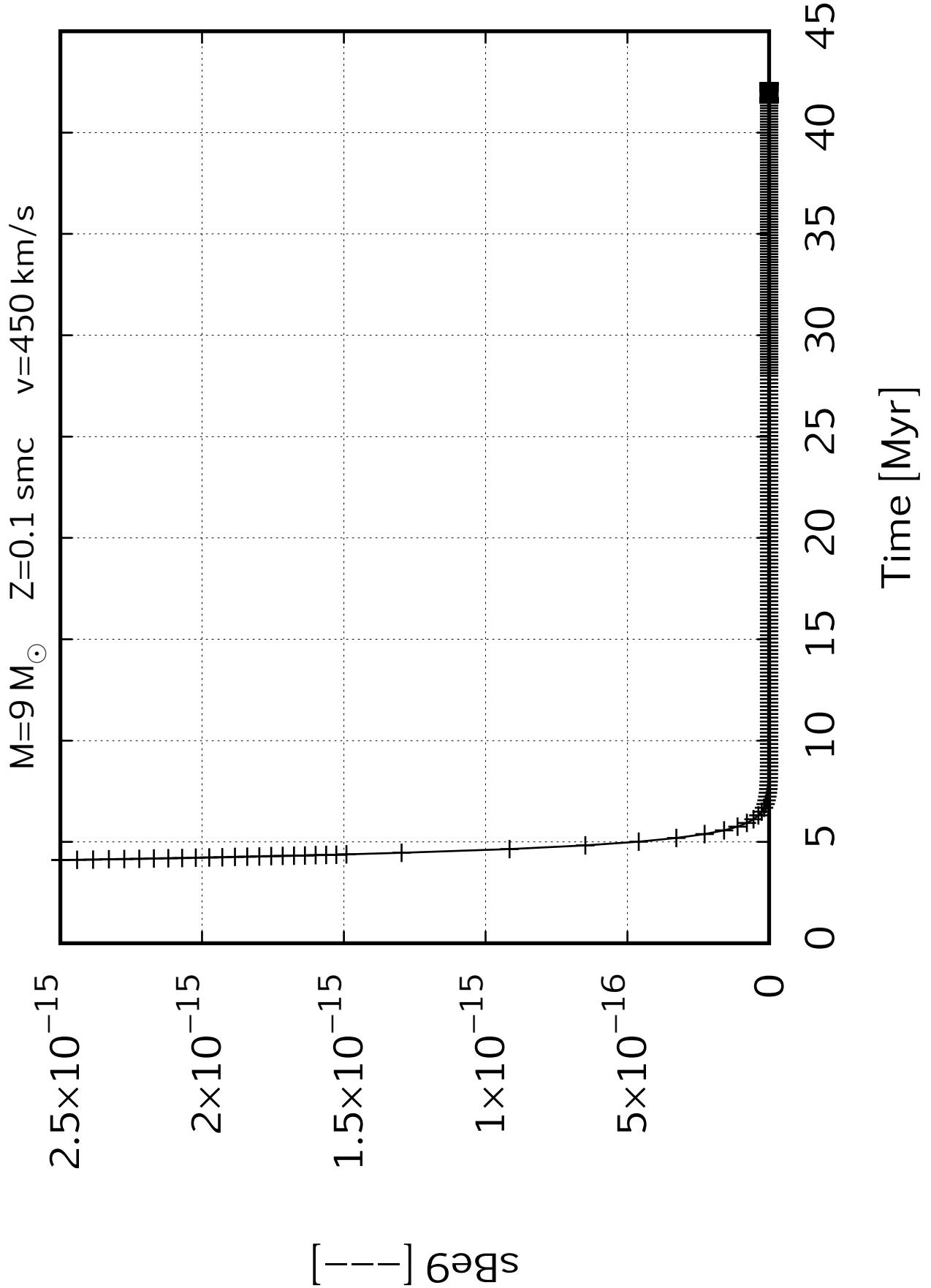


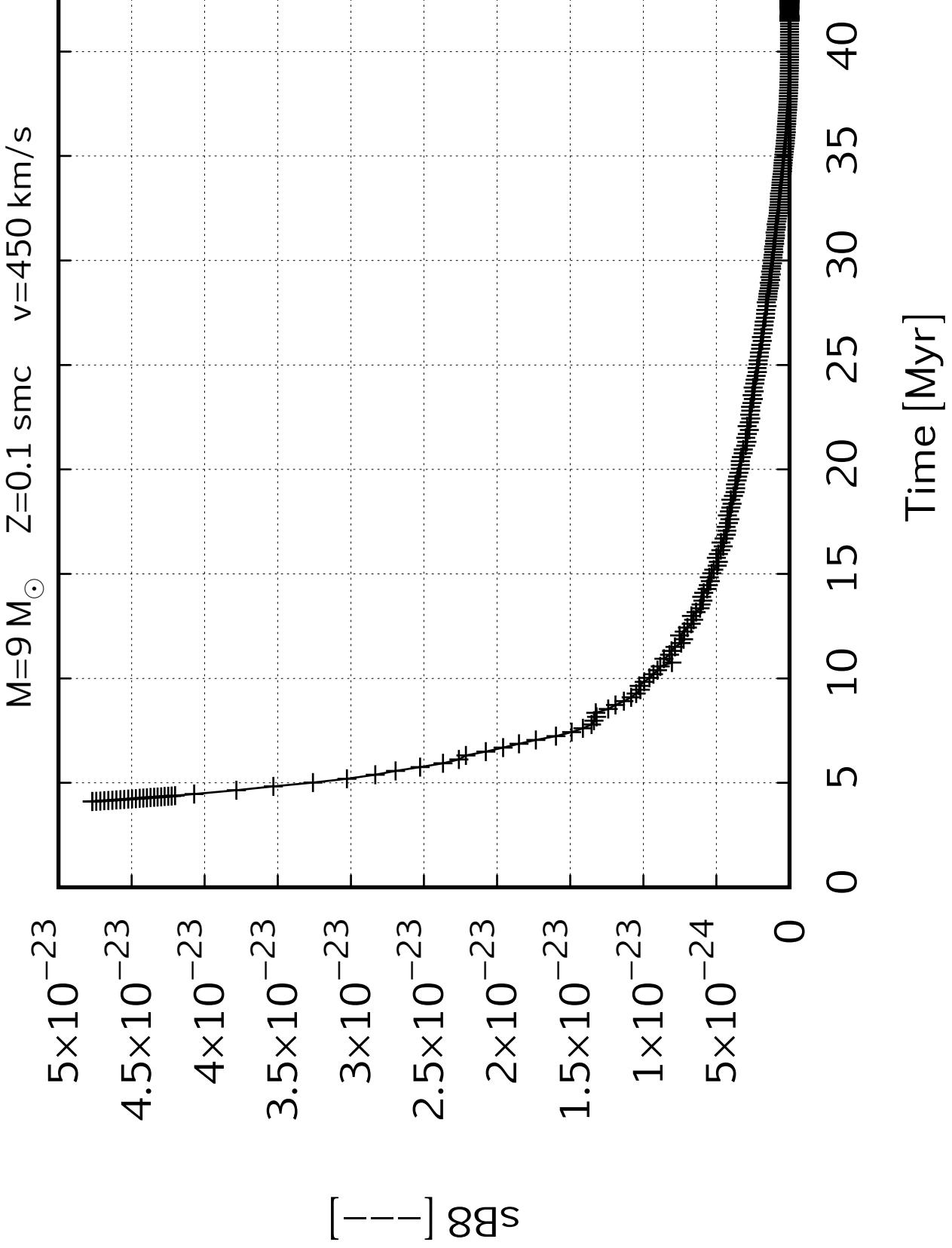




$M=9 M_{\odot}$ Z=0.1 smc v=450 km/s







$M=9 M_{\odot}$ Z=0.1 smc v=450 km/s

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}

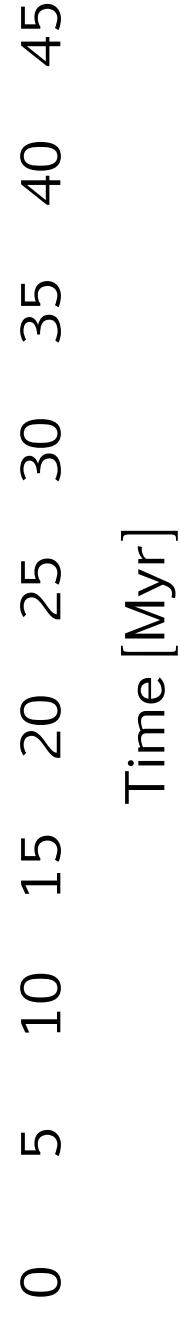
6×10^{-13}

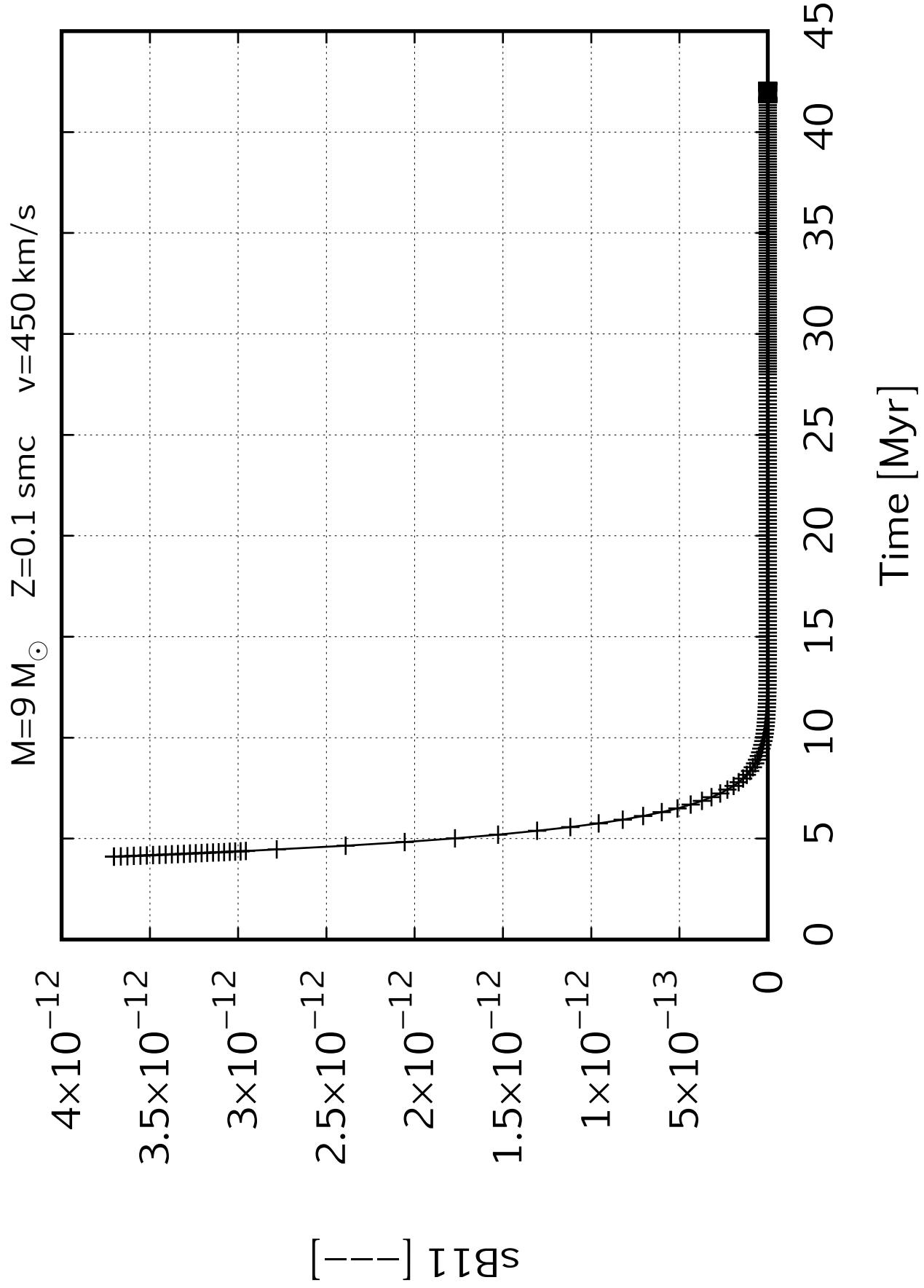
4×10^{-13}

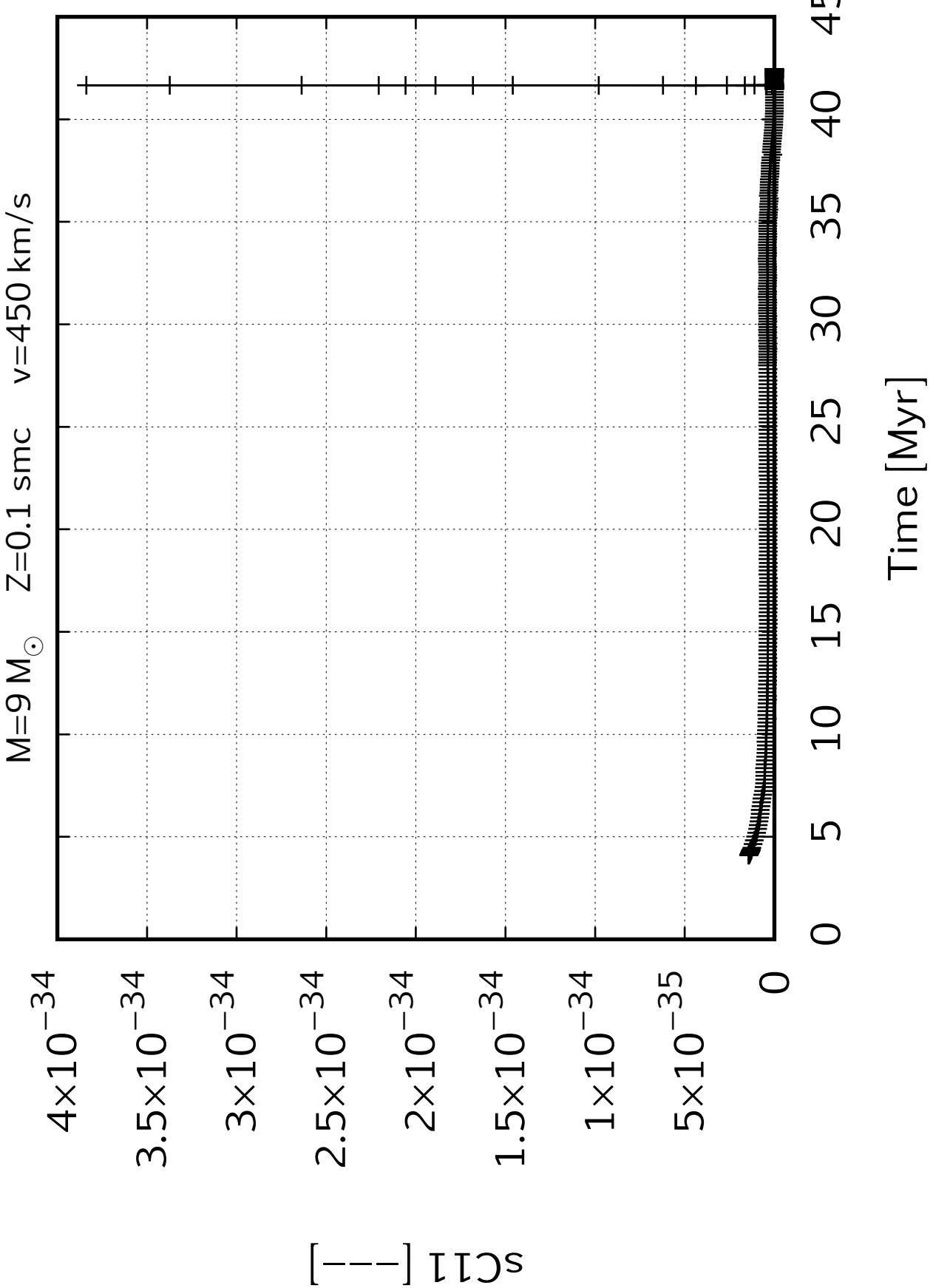
2×10^{-13}

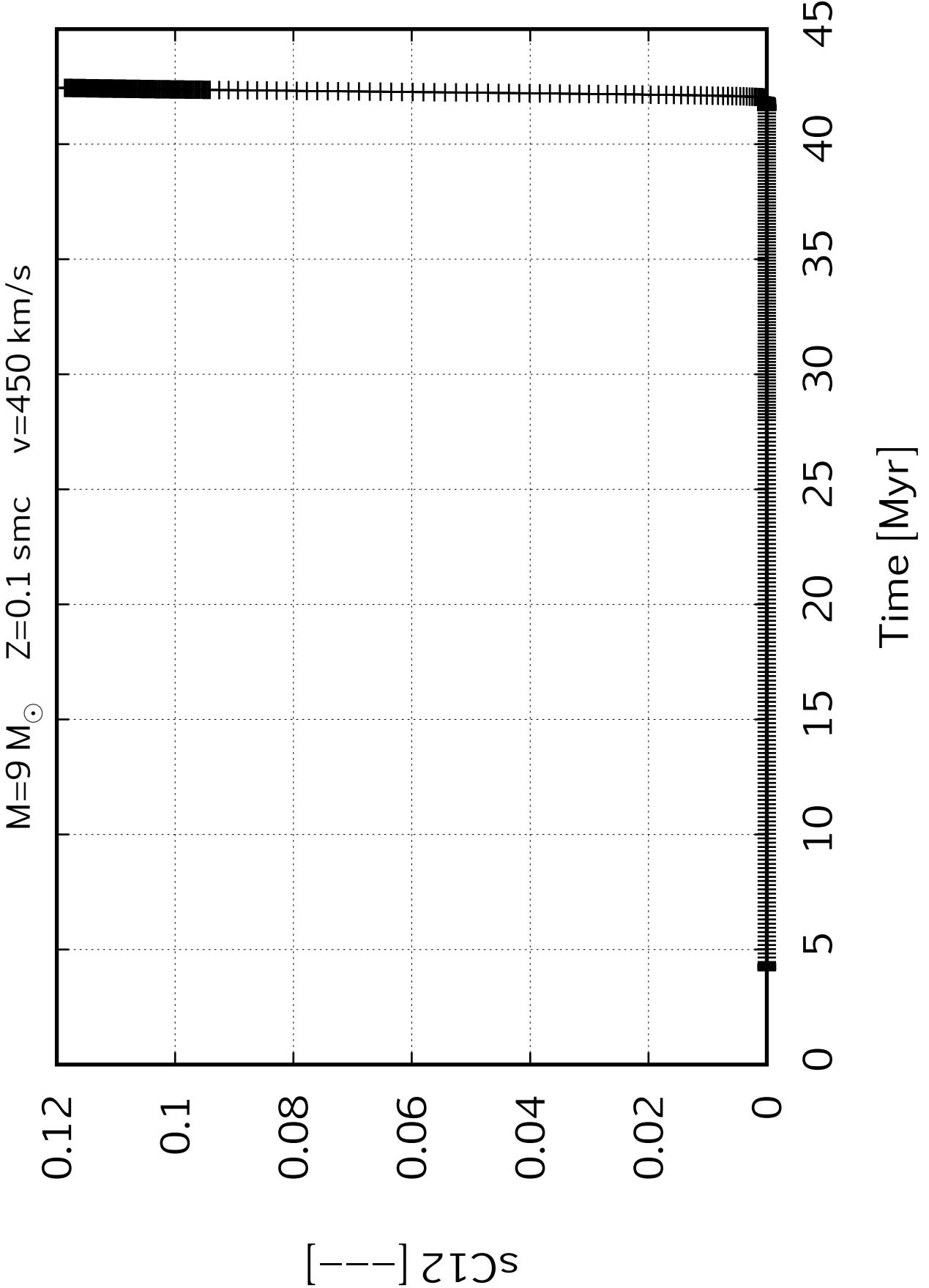
0

[B_{10}] s









$M=9 M_{\odot}$ $Z=0.1$ smc $v=450$ km/s

0.0035

0.003

0.0025

0.002

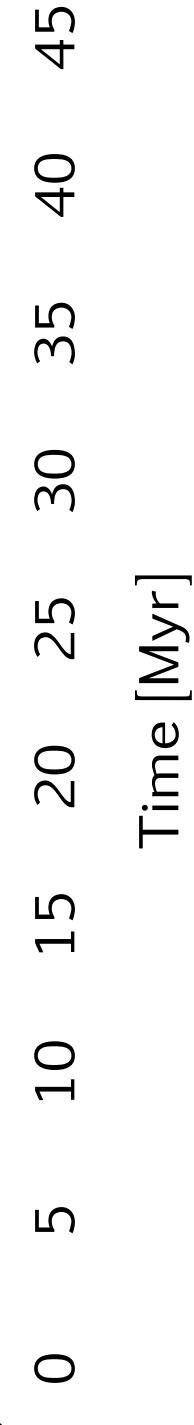
0.0015

0.001

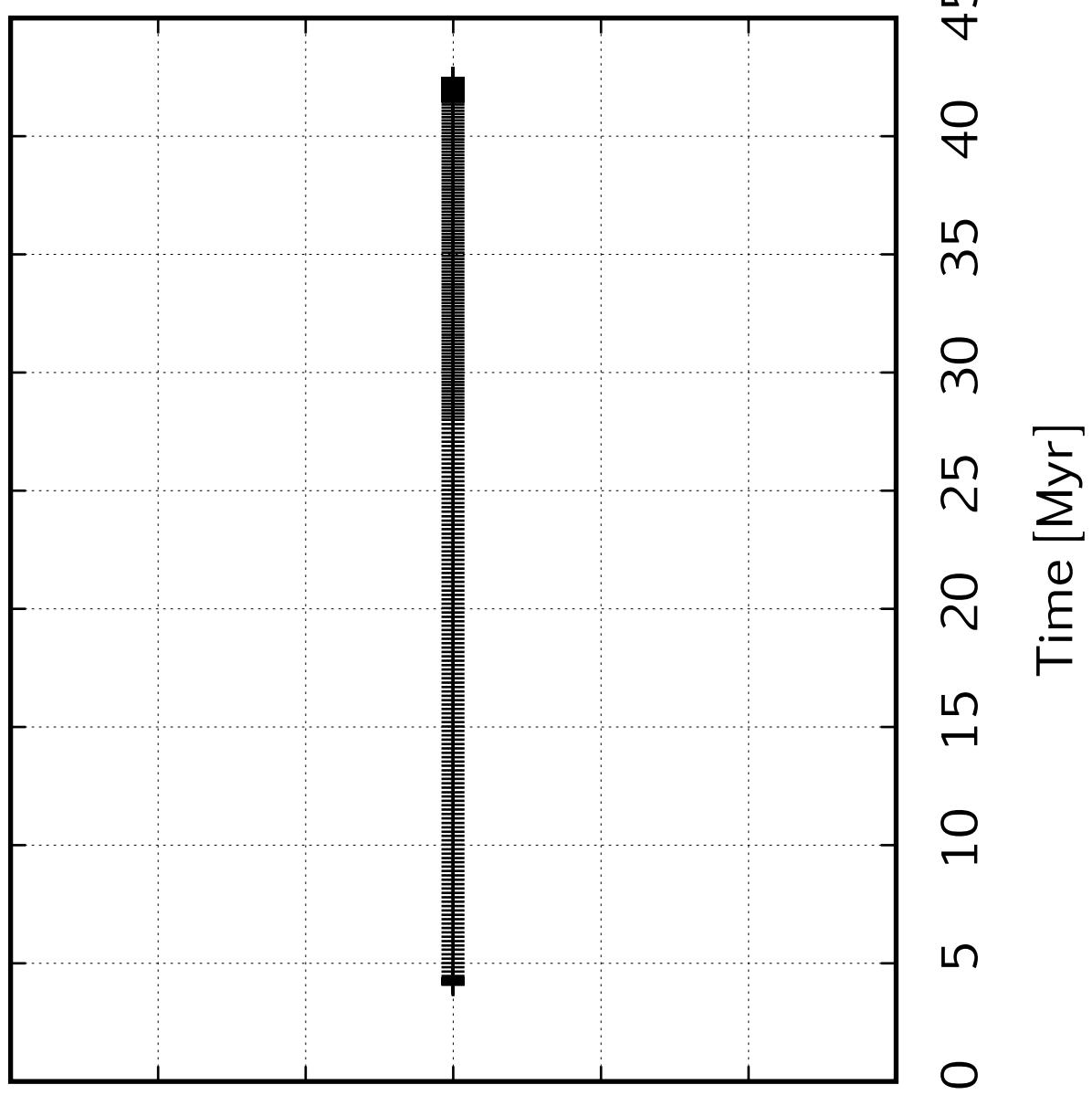
0.0005

0

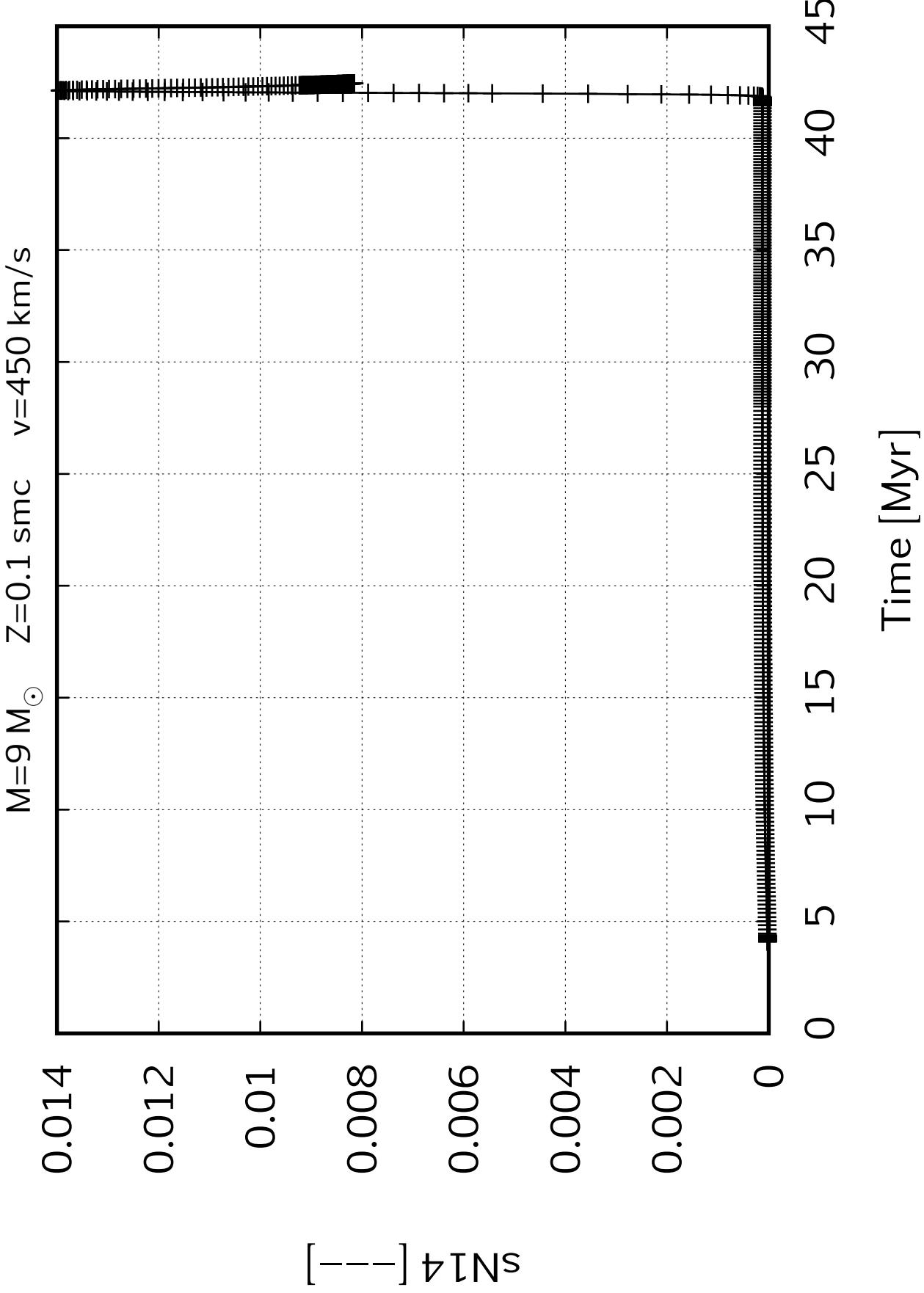
[---] sCI3 [---]

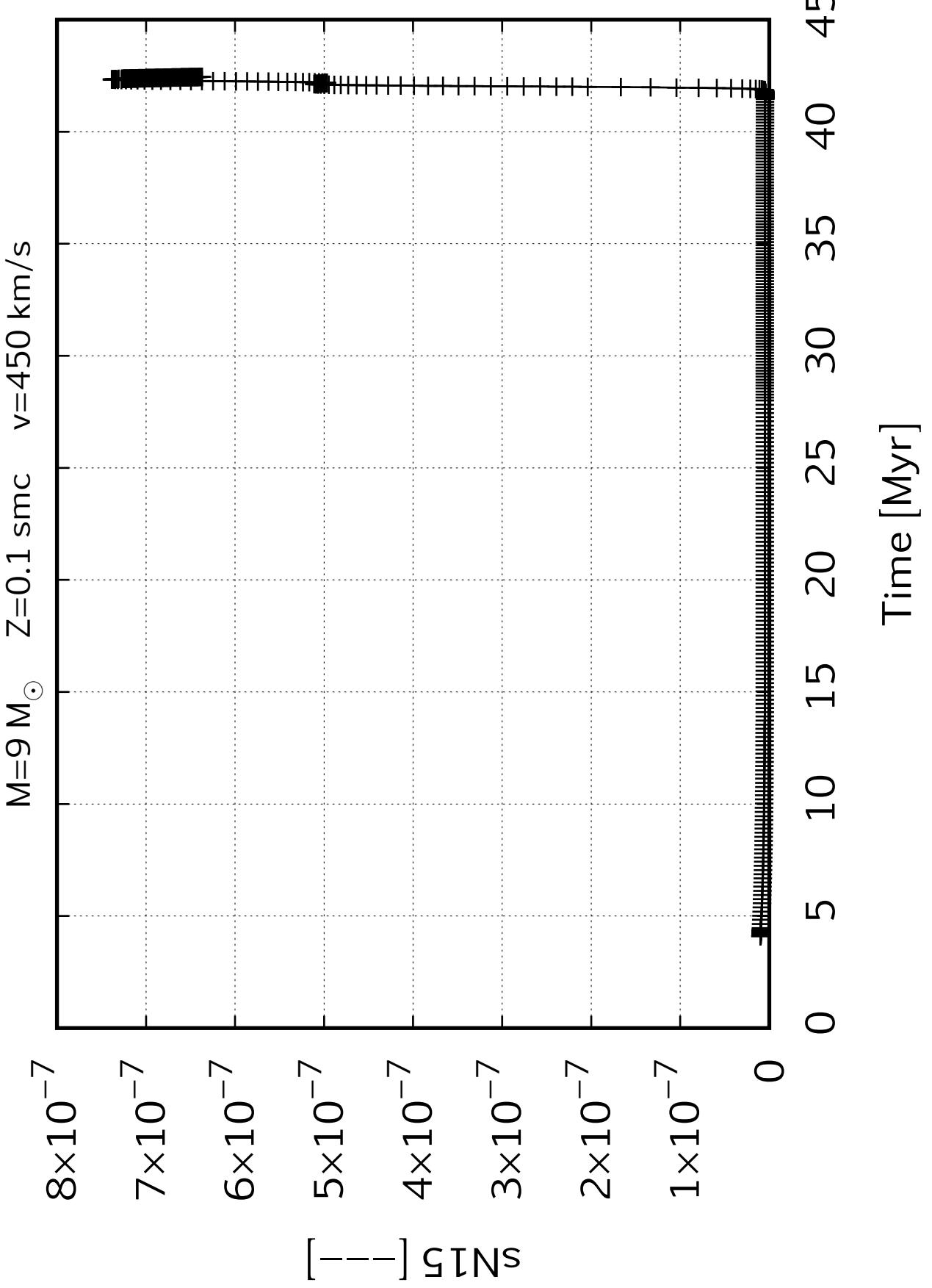


$M=9 M_{\odot}$ $Z=0.1$ smc $v=450$ km/s



[---] $\Sigma_{\mathrm{N}^{12}}$





$M=9 M_{\odot}$ $Z=0.1$ smc $v=450$ km/s

0.025

0.02

0.015

0.01

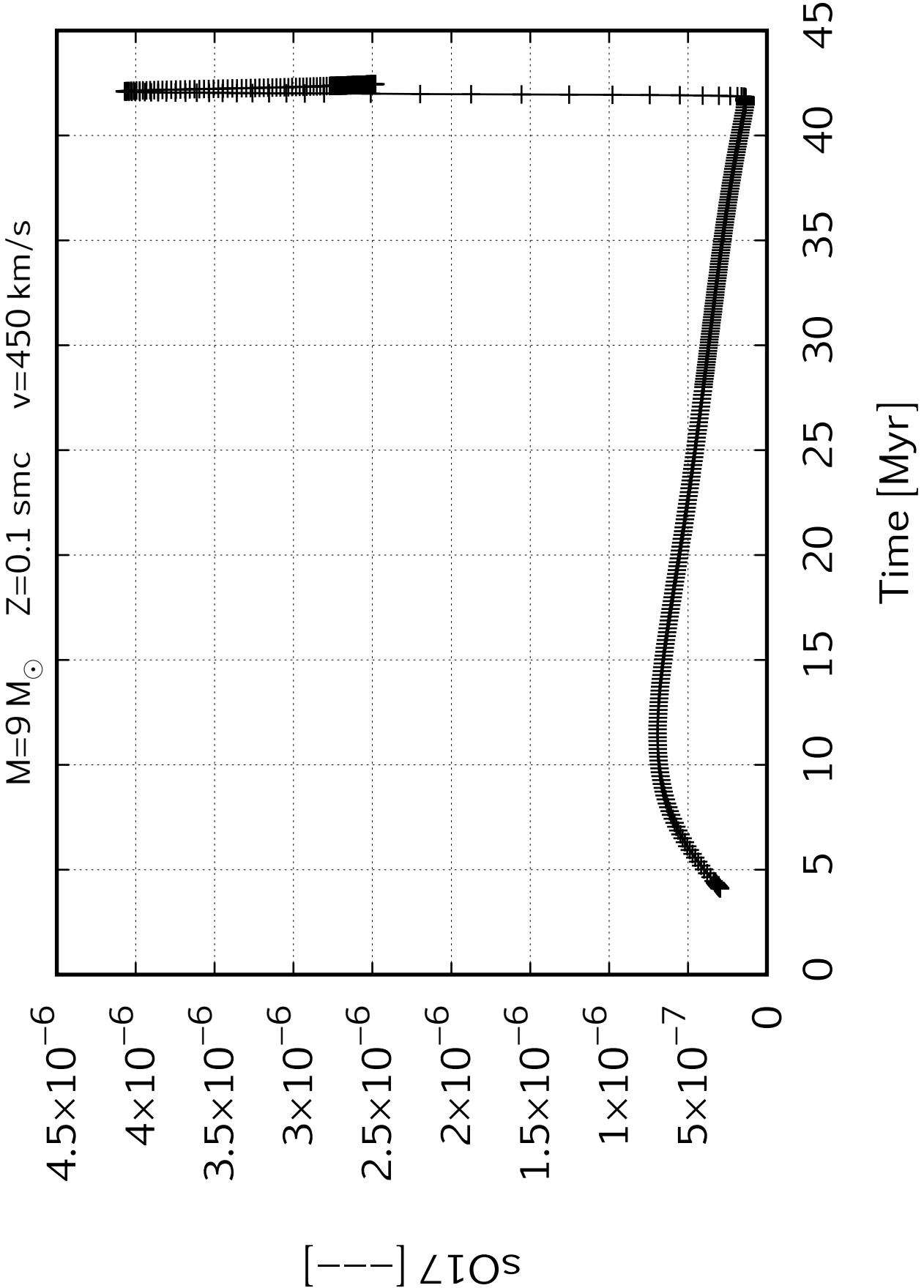
0.005

0

[---] 91Os

0 5 10 15 20 25 30 35 40 45
Time [Myr]





$M=9 M_{\odot}$

5×10^{-6}

4.5×10^{-6}

4×10^{-6}

3.5×10^{-6}

3×10^{-6}

2.5×10^{-6}

2×10^{-6}

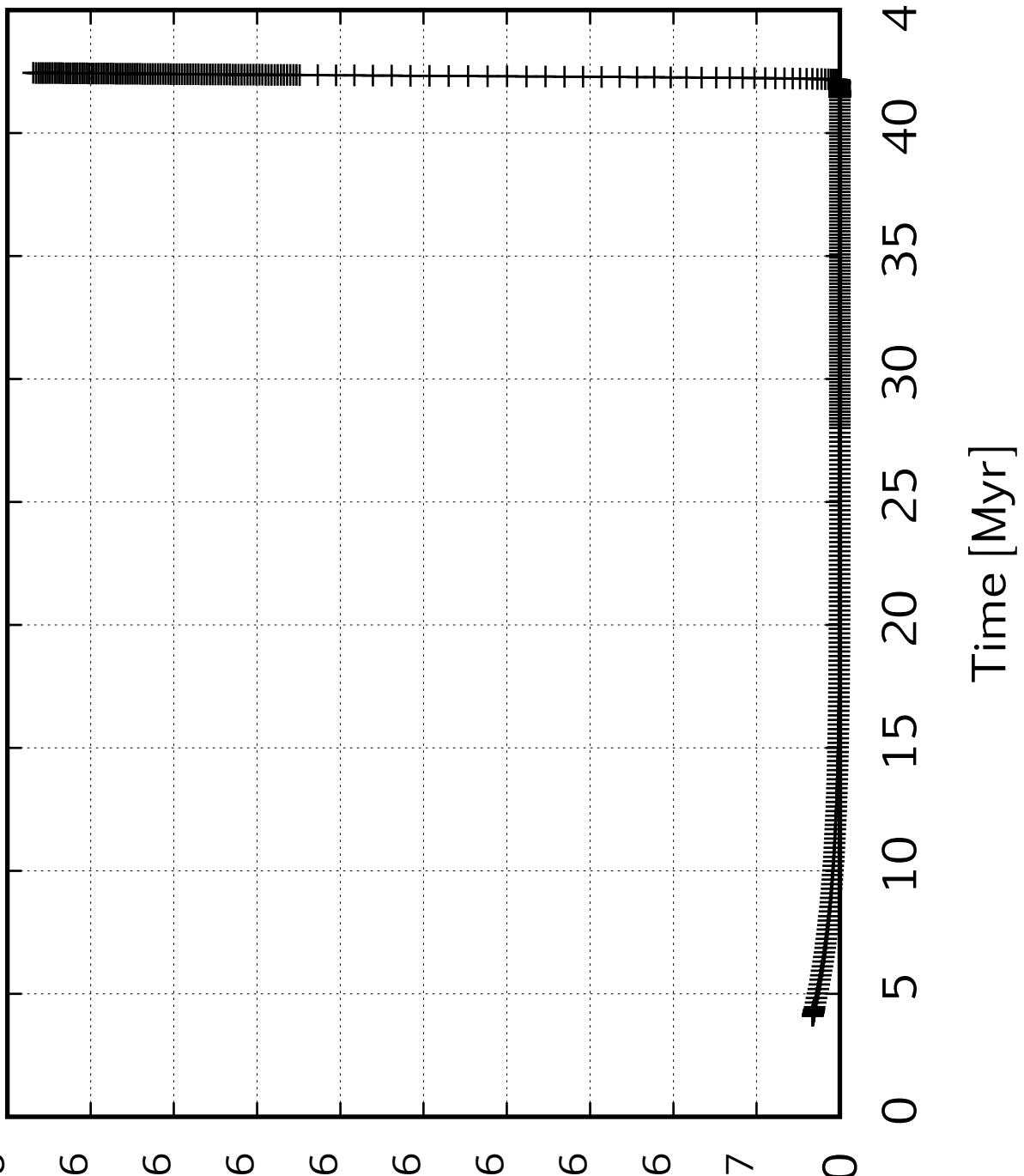
1.5×10^{-6}

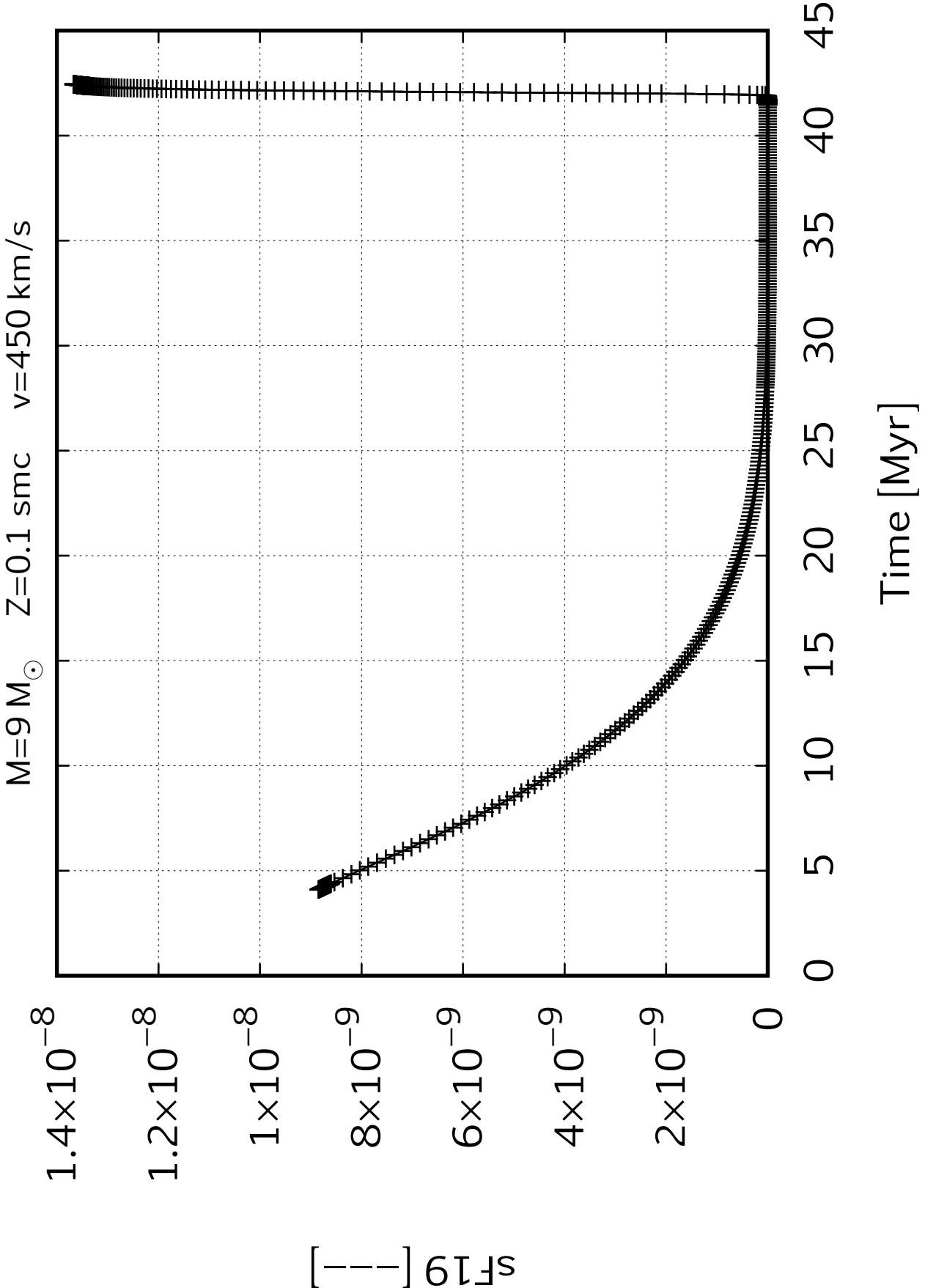
1×10^{-6}

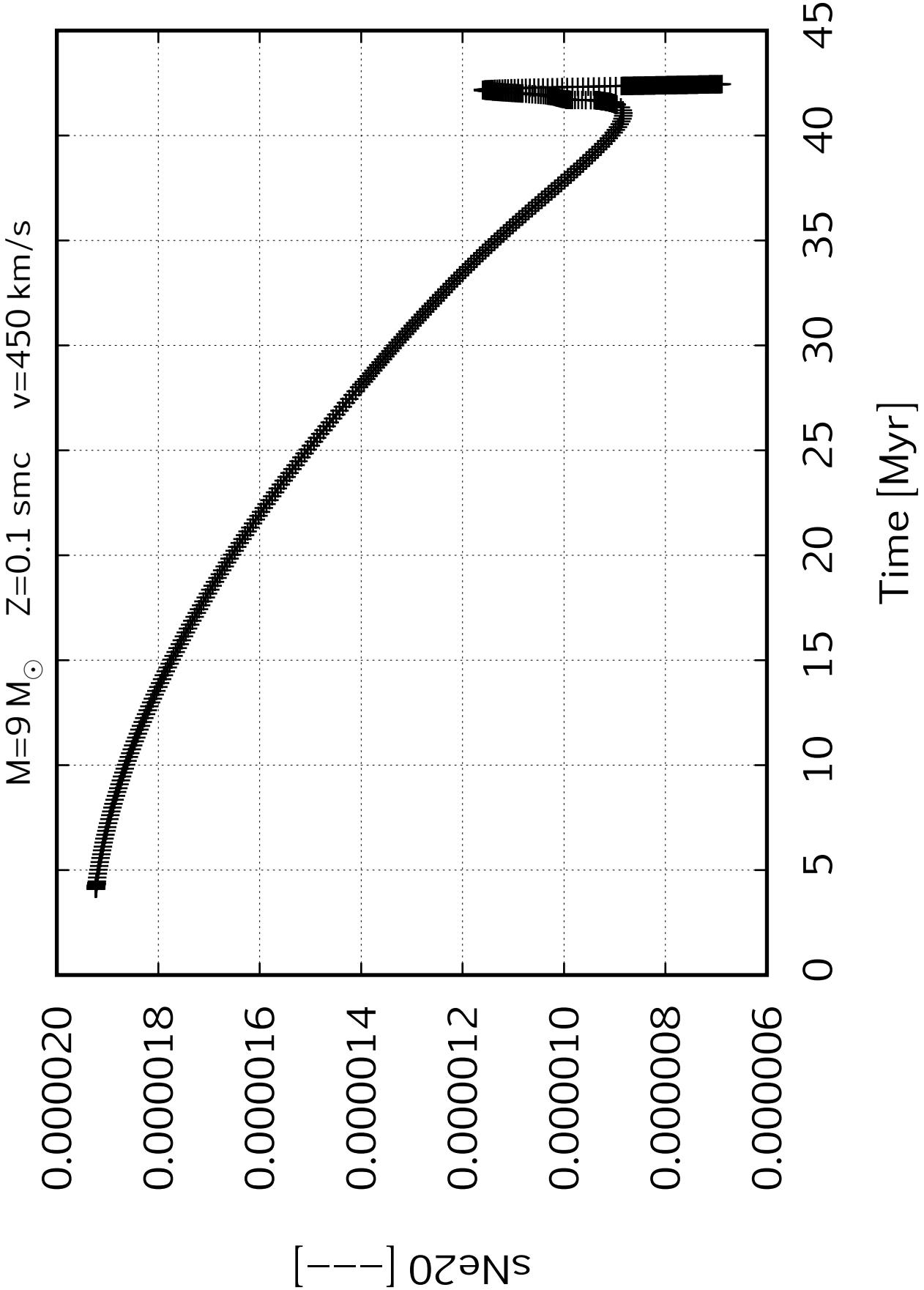
5×10^{-7}

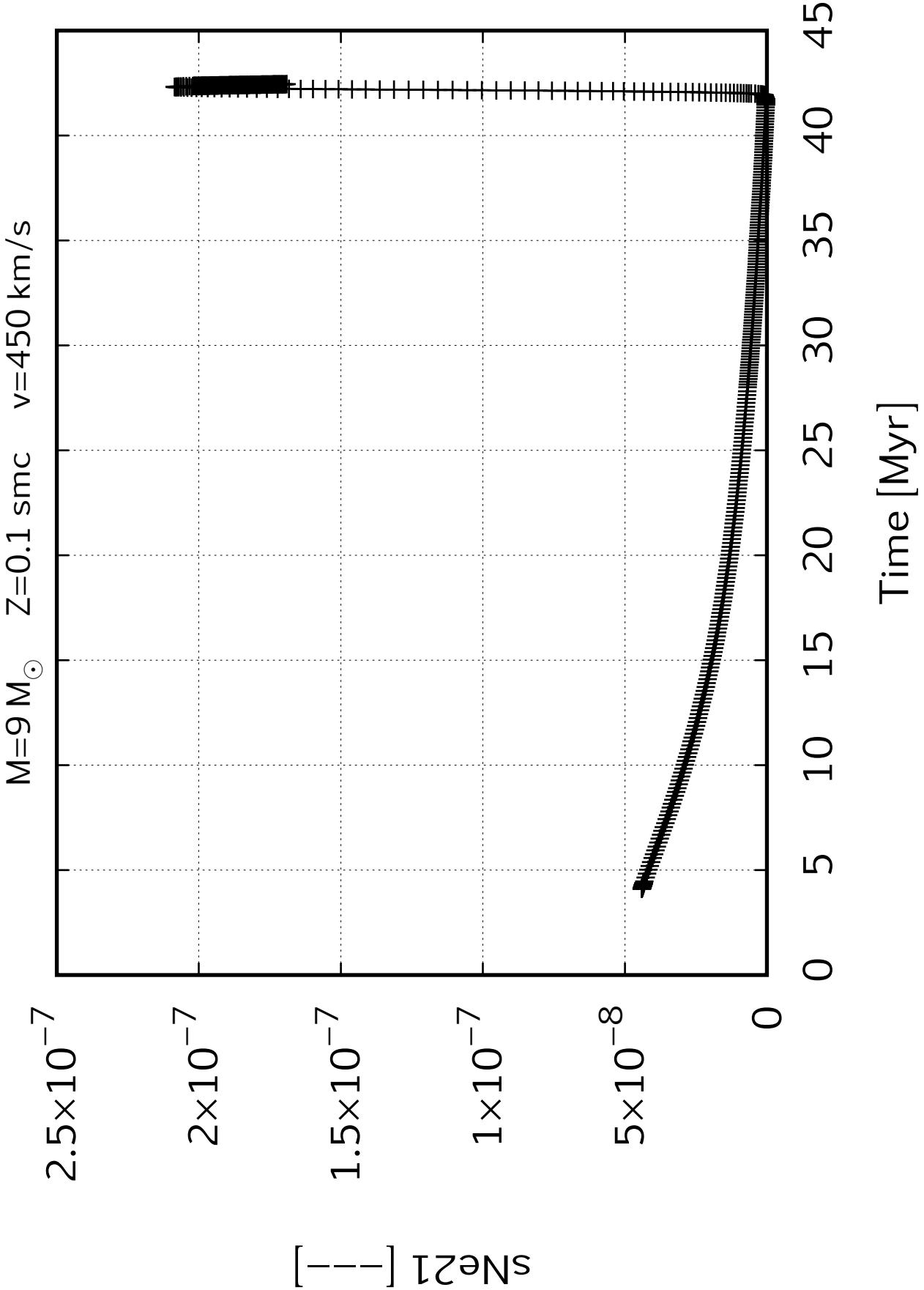
0

[—] 81Os









$M=9 M_{\odot}$ Z=0.1 smc

0.000016

0.000014

0.000012

0.00001

8×10^{-5}

6×10^{-5}

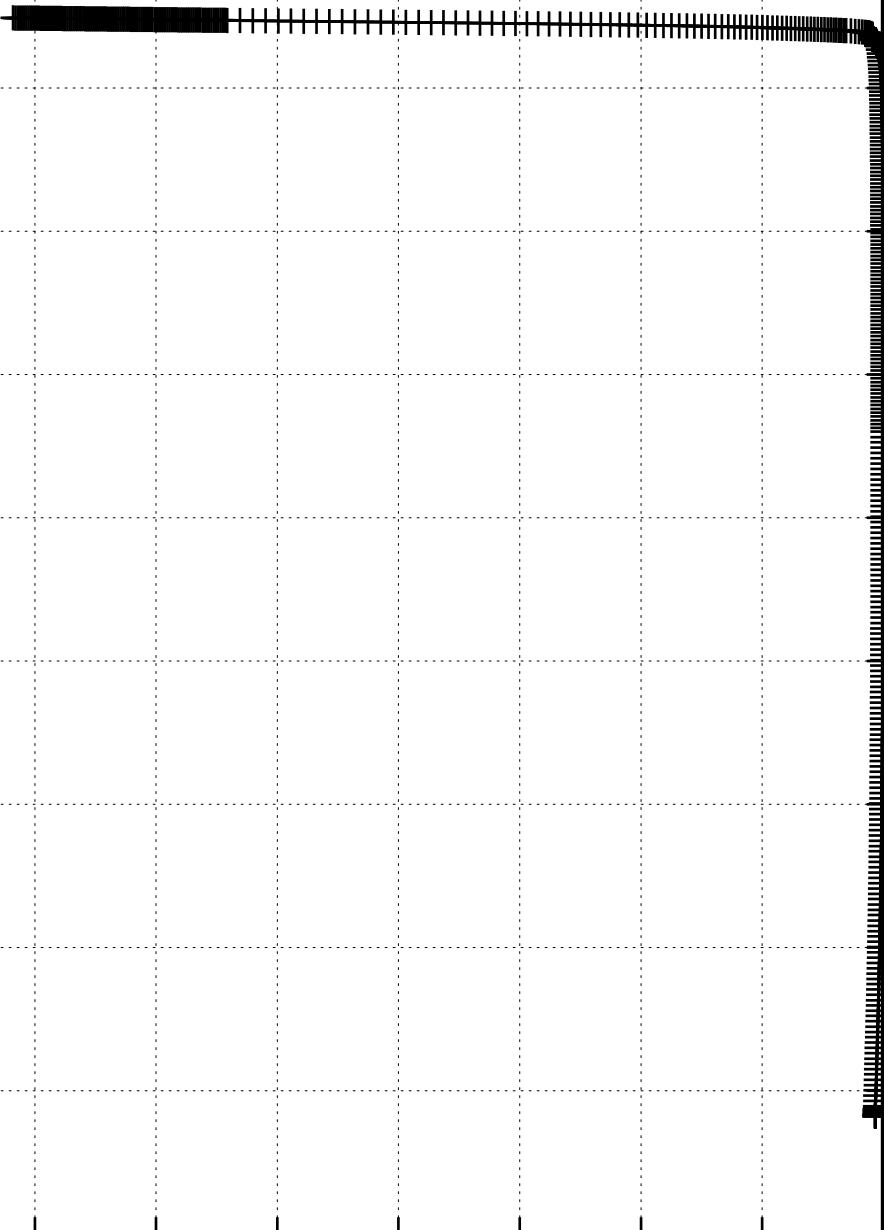
4×10^{-5}

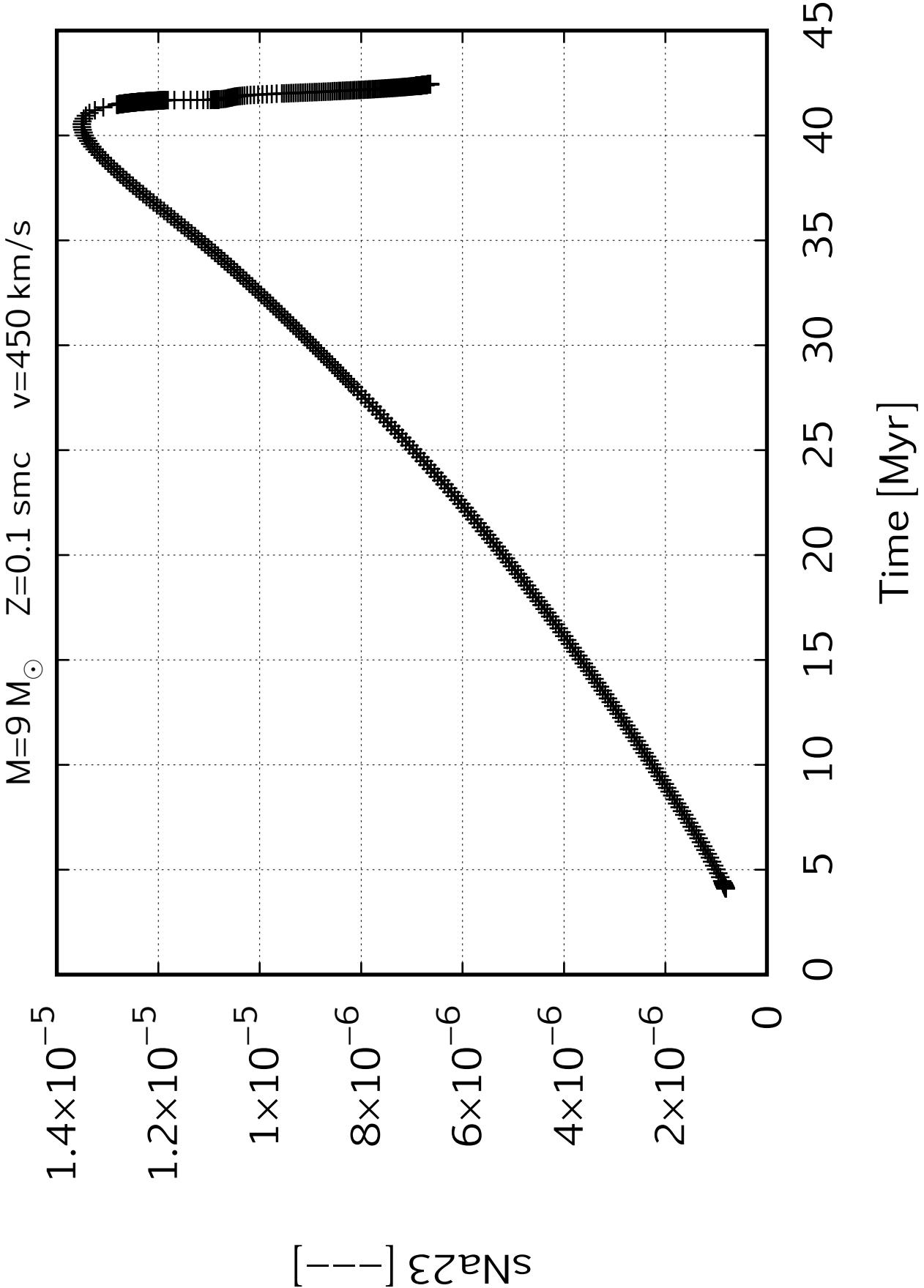
2×10^{-5}

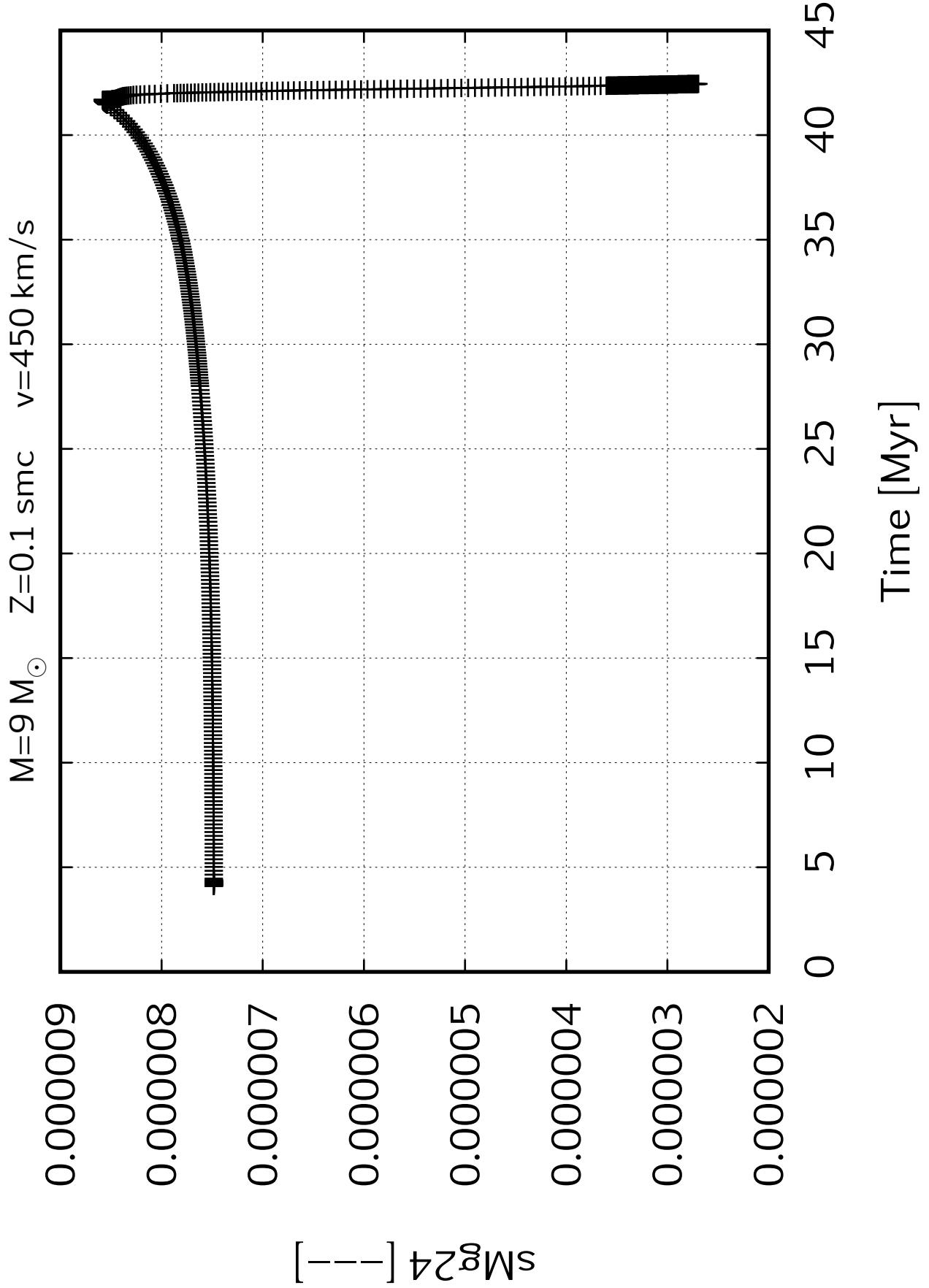
0

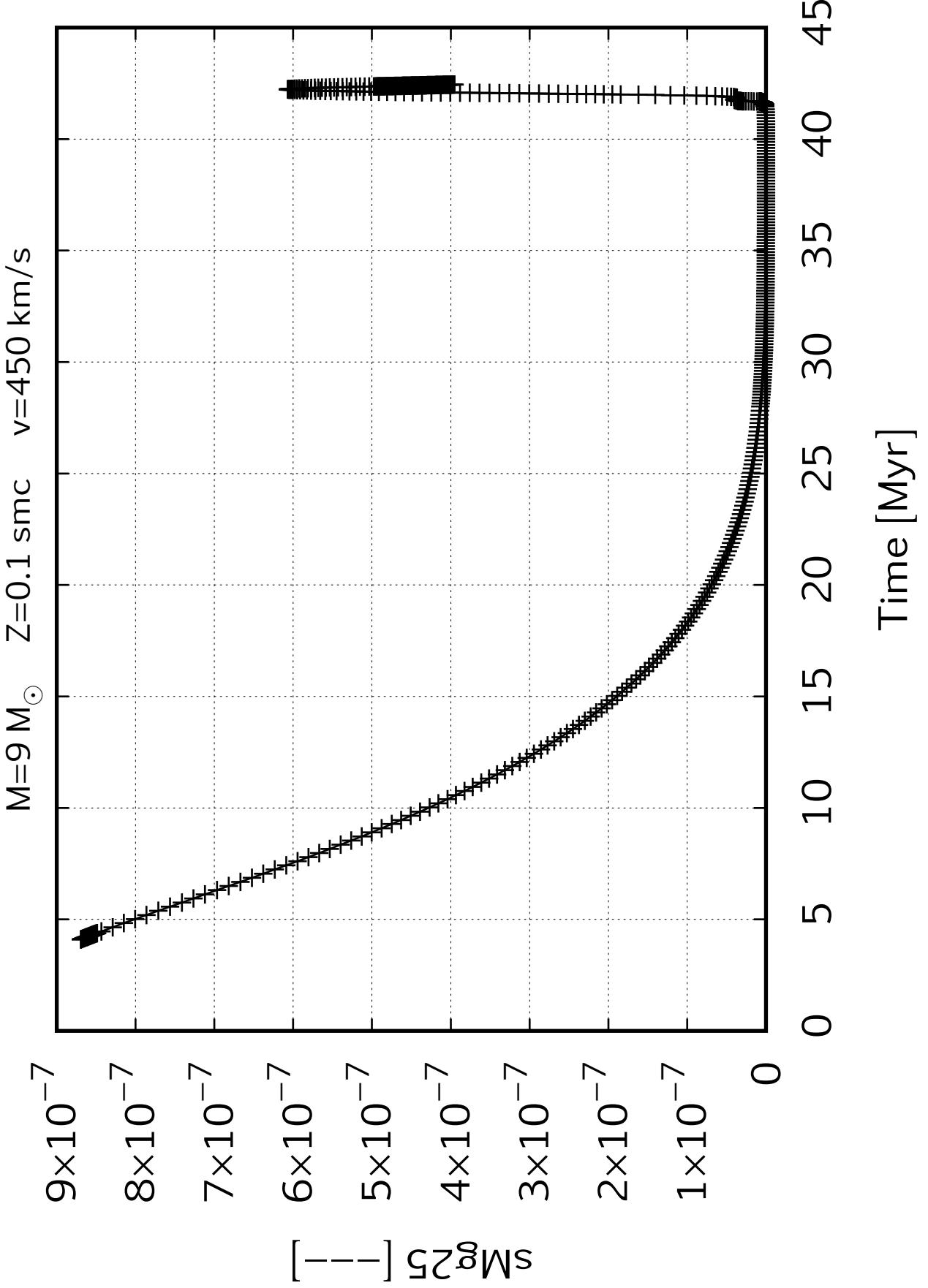
$\text{SN}e22 [--]$

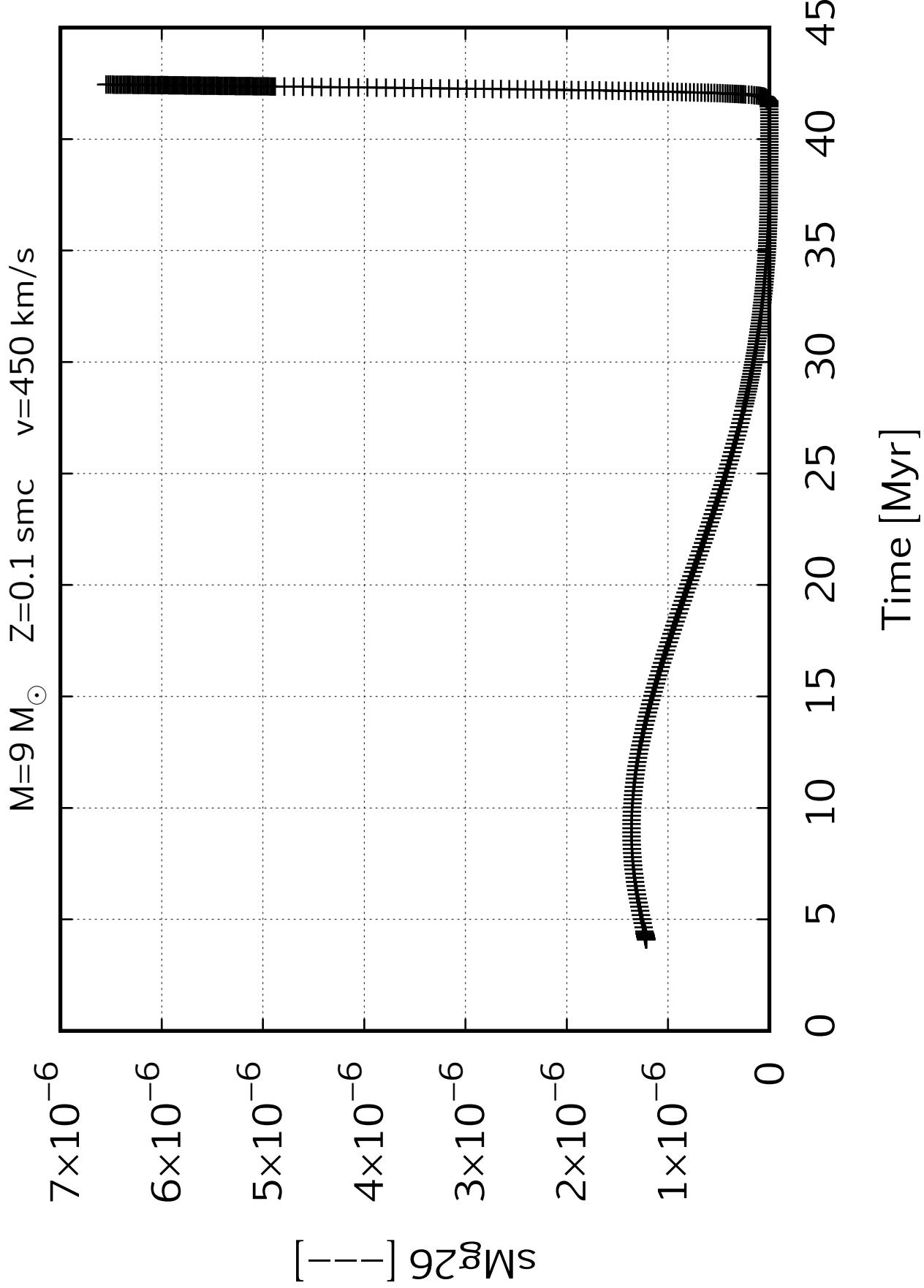
0 5 10 15 20 25 30 35 40 45
Time [Myr]

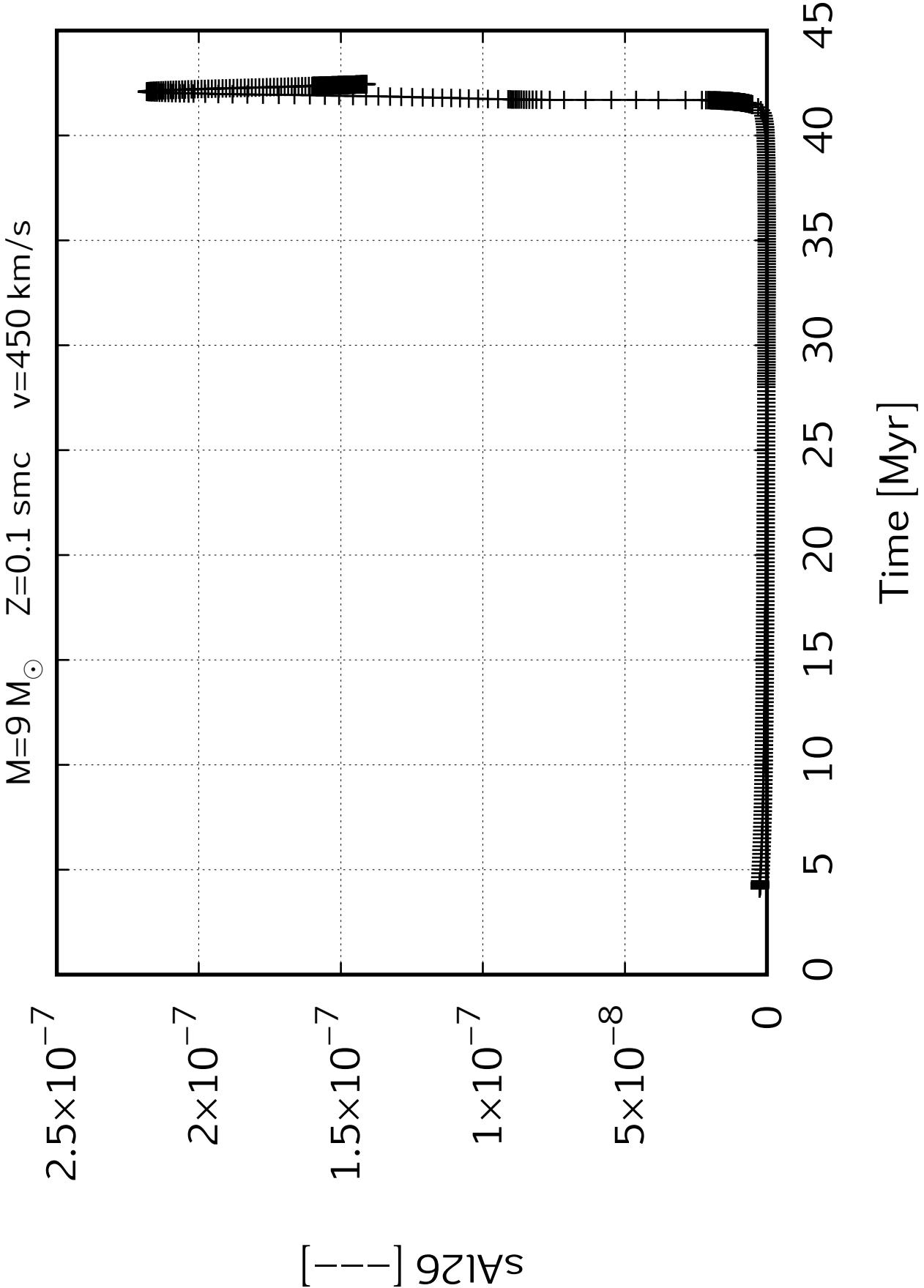




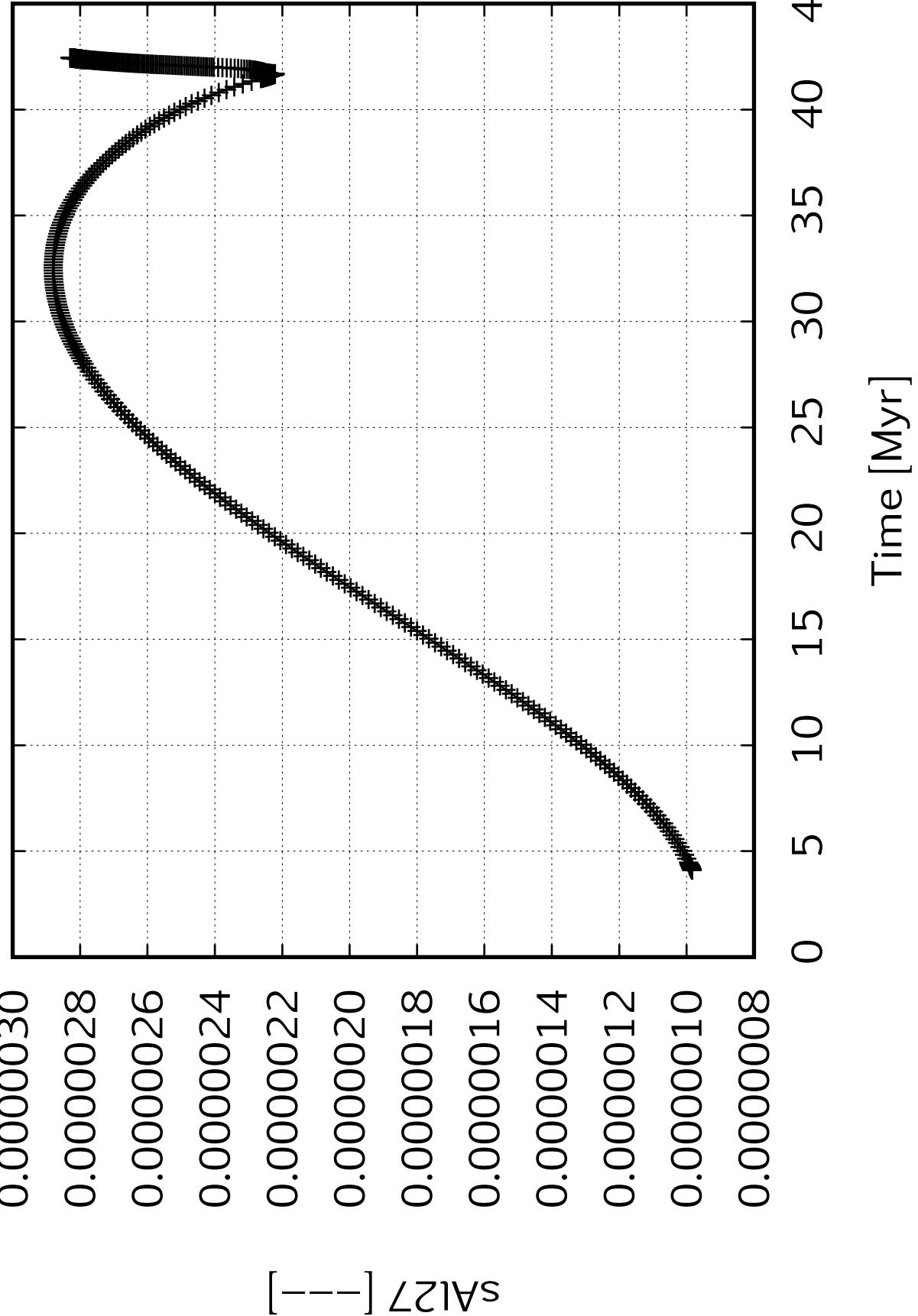


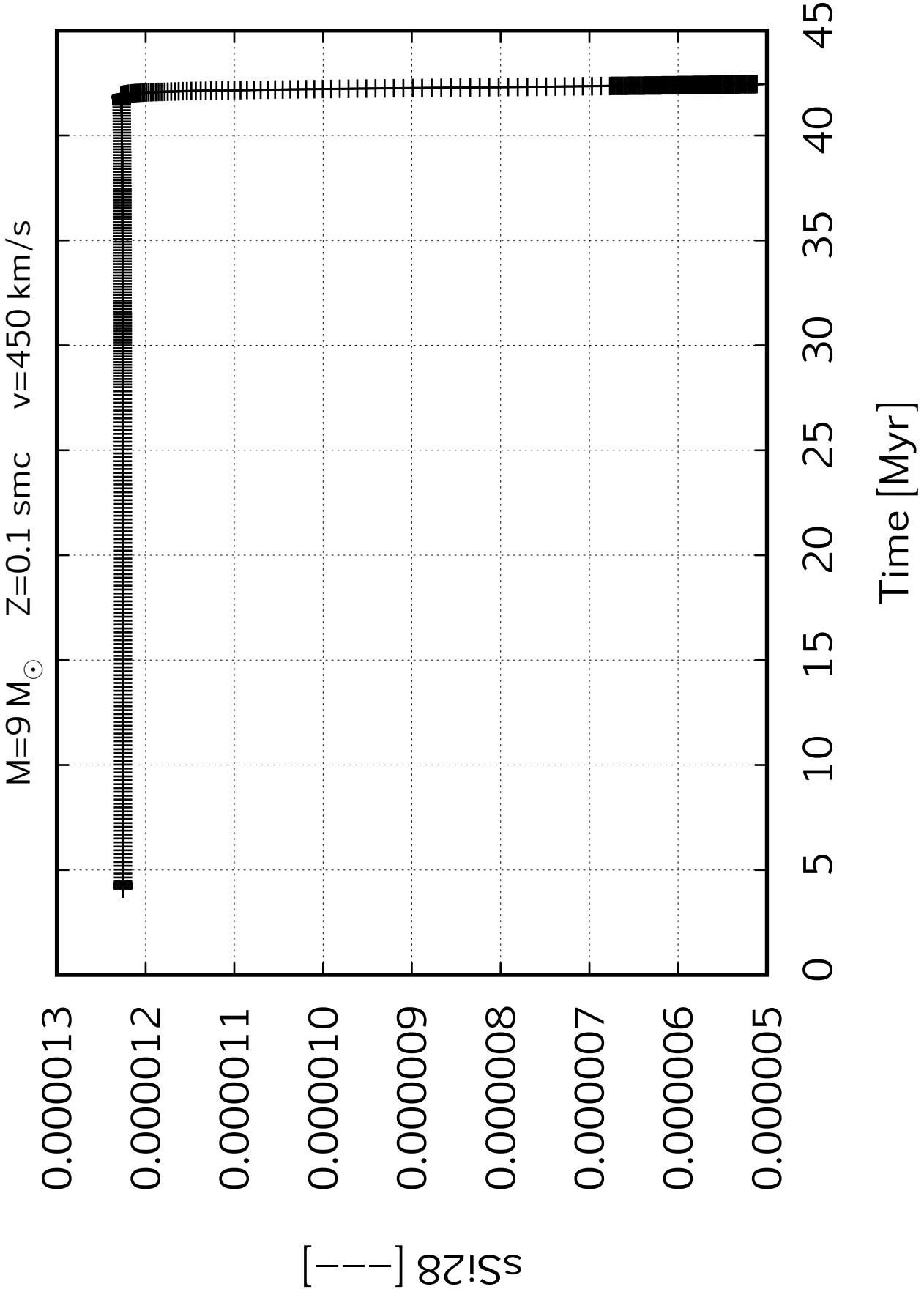


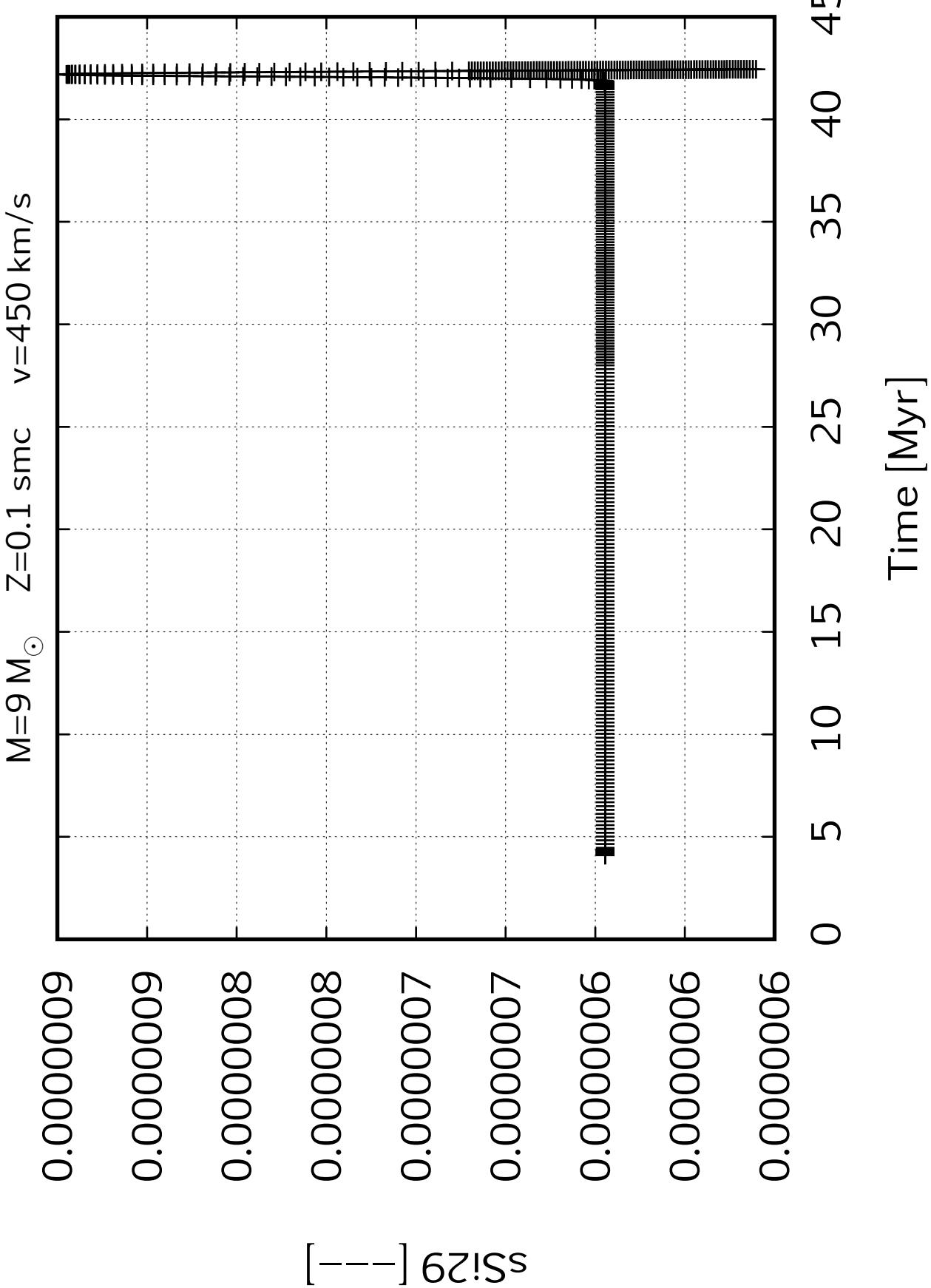


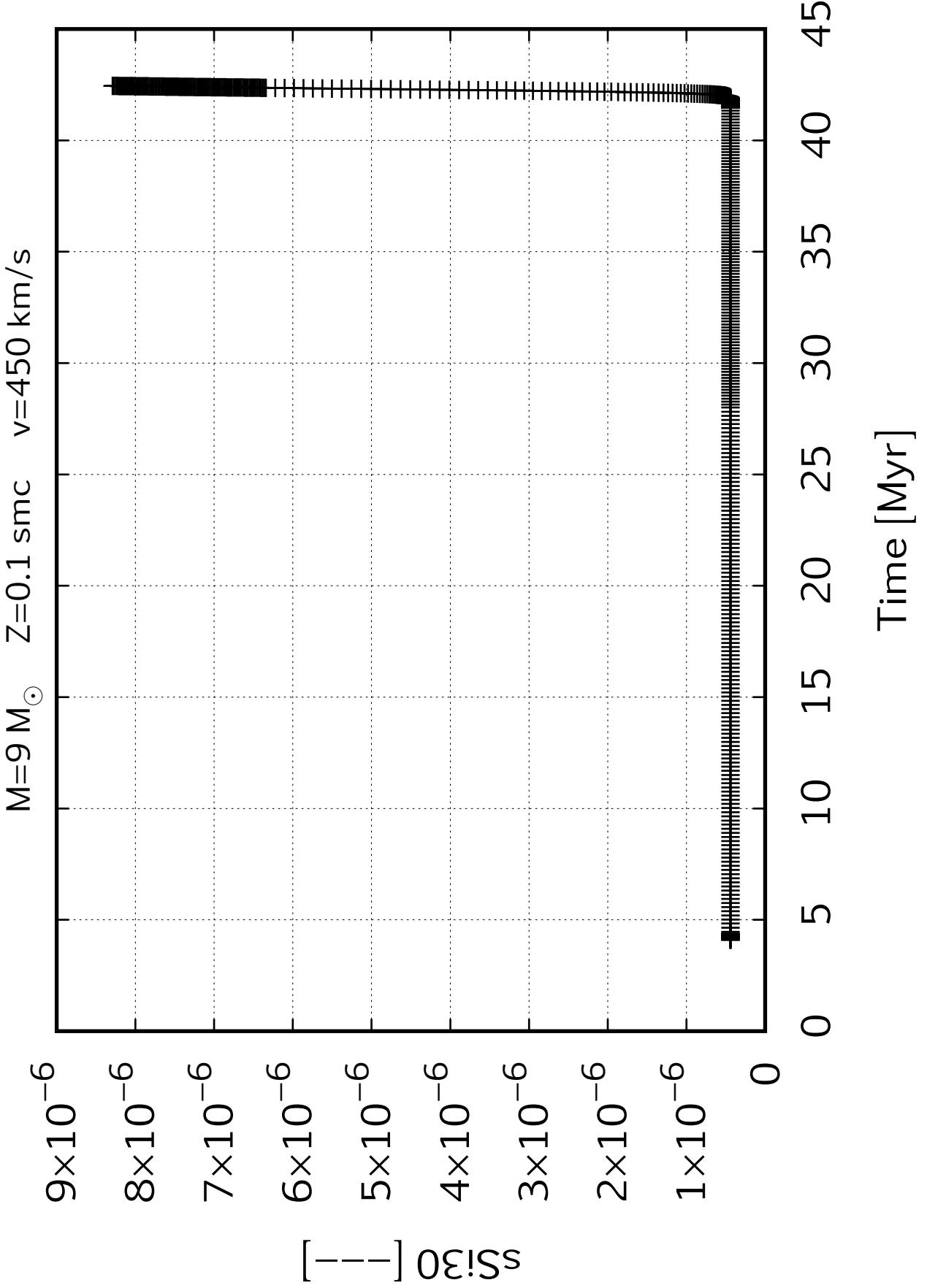


$M=9 M_{\odot}$ $Z=0.1$ smc $v=450$ km/s









$M=9 M_{\odot}$ Z=0.1 smc $v=450 \text{ km/s}$

0.0000257

0.0000256

0.0000255

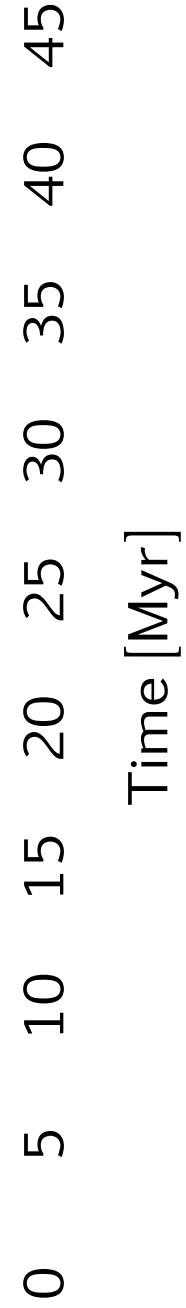
0.0000254

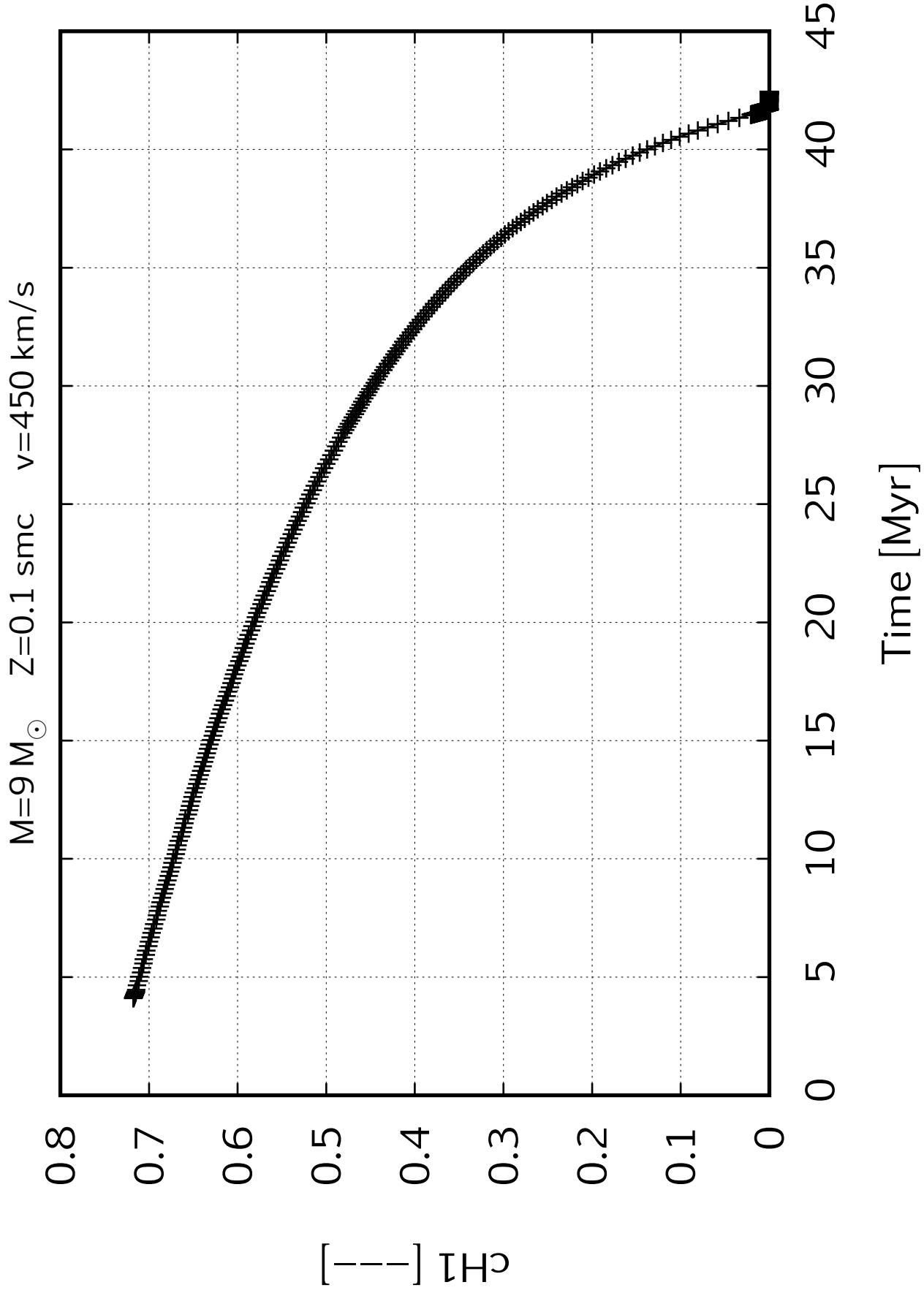
0.0000253

0.0000252

0.0000251

[---] Fe56 [---]

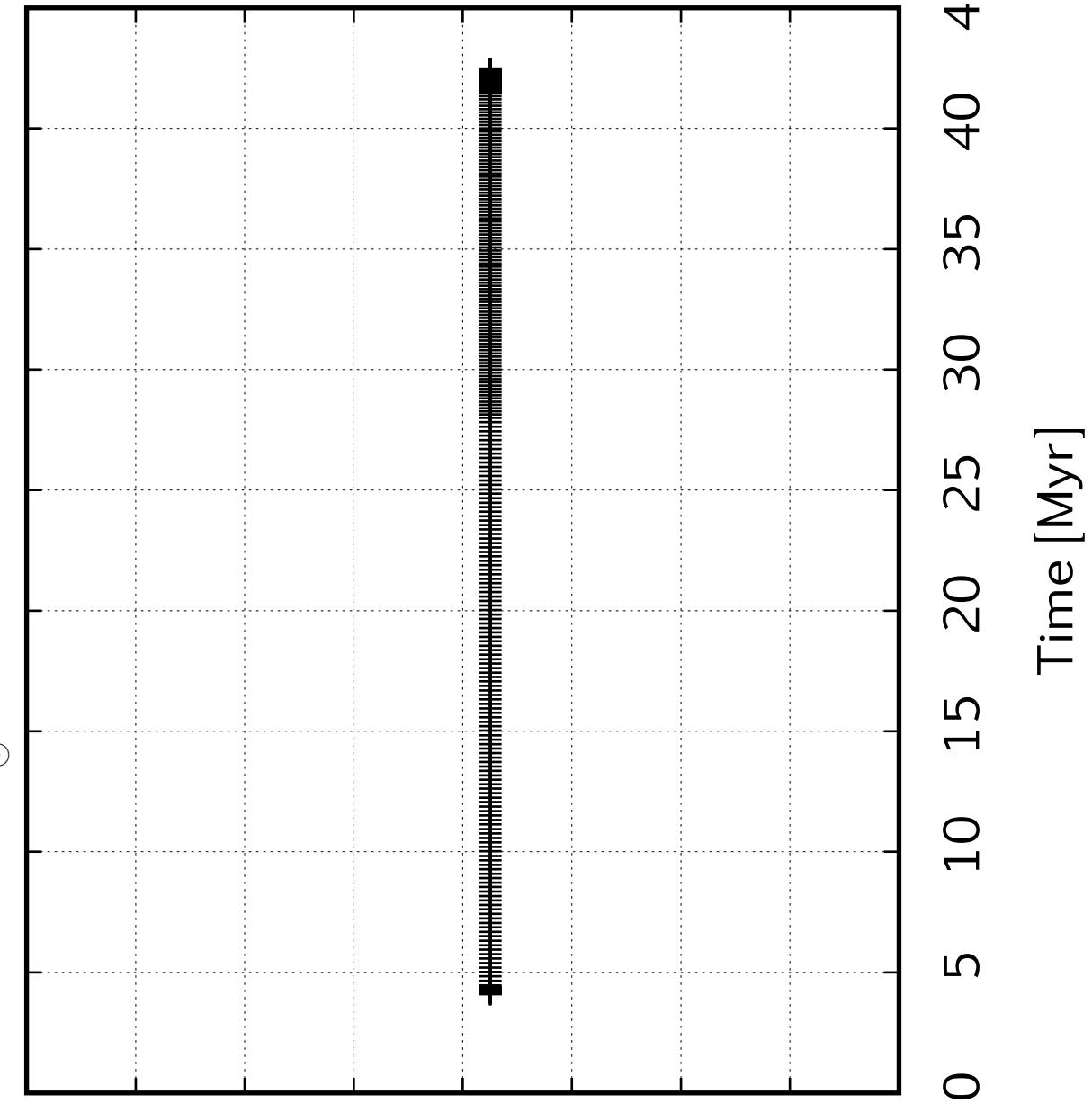


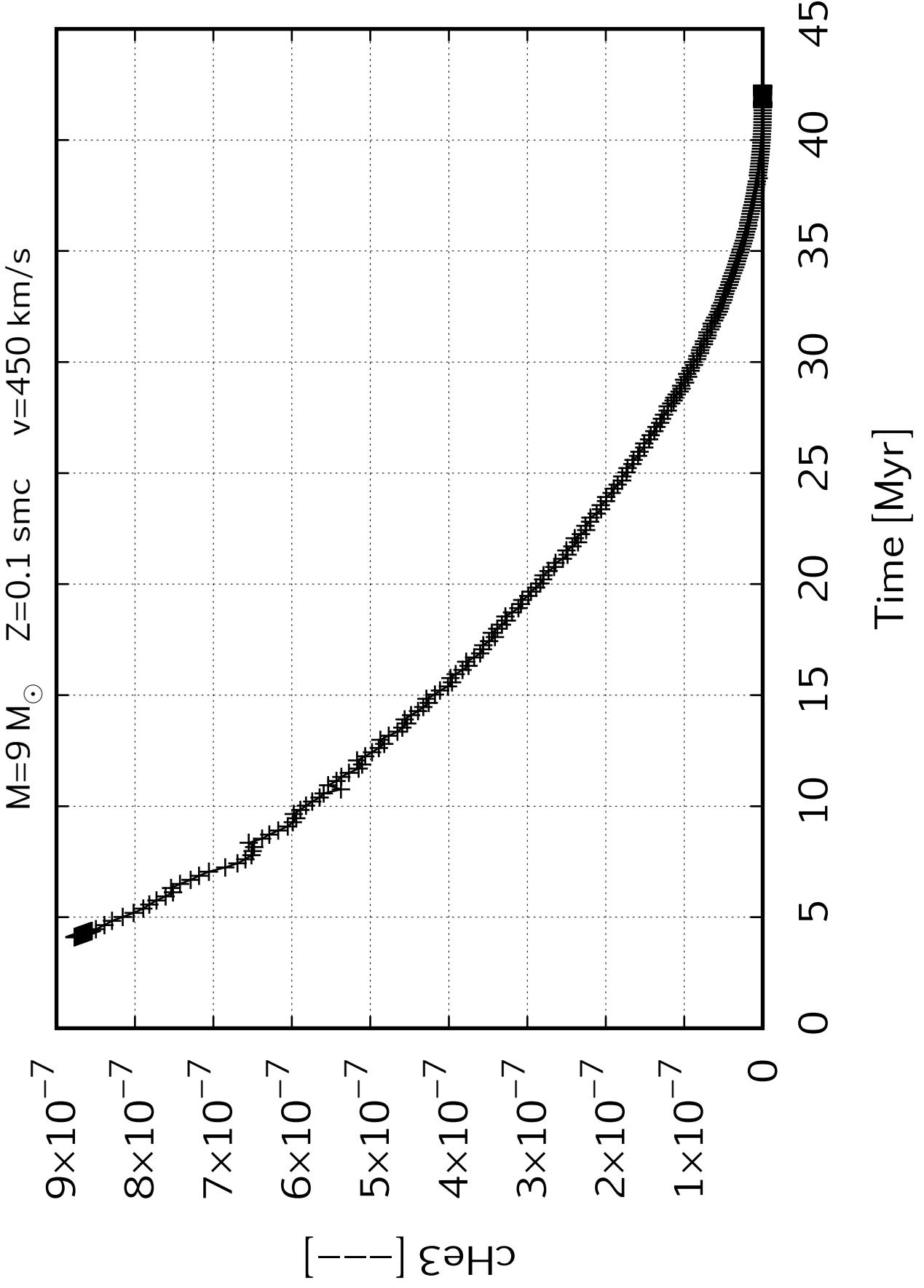


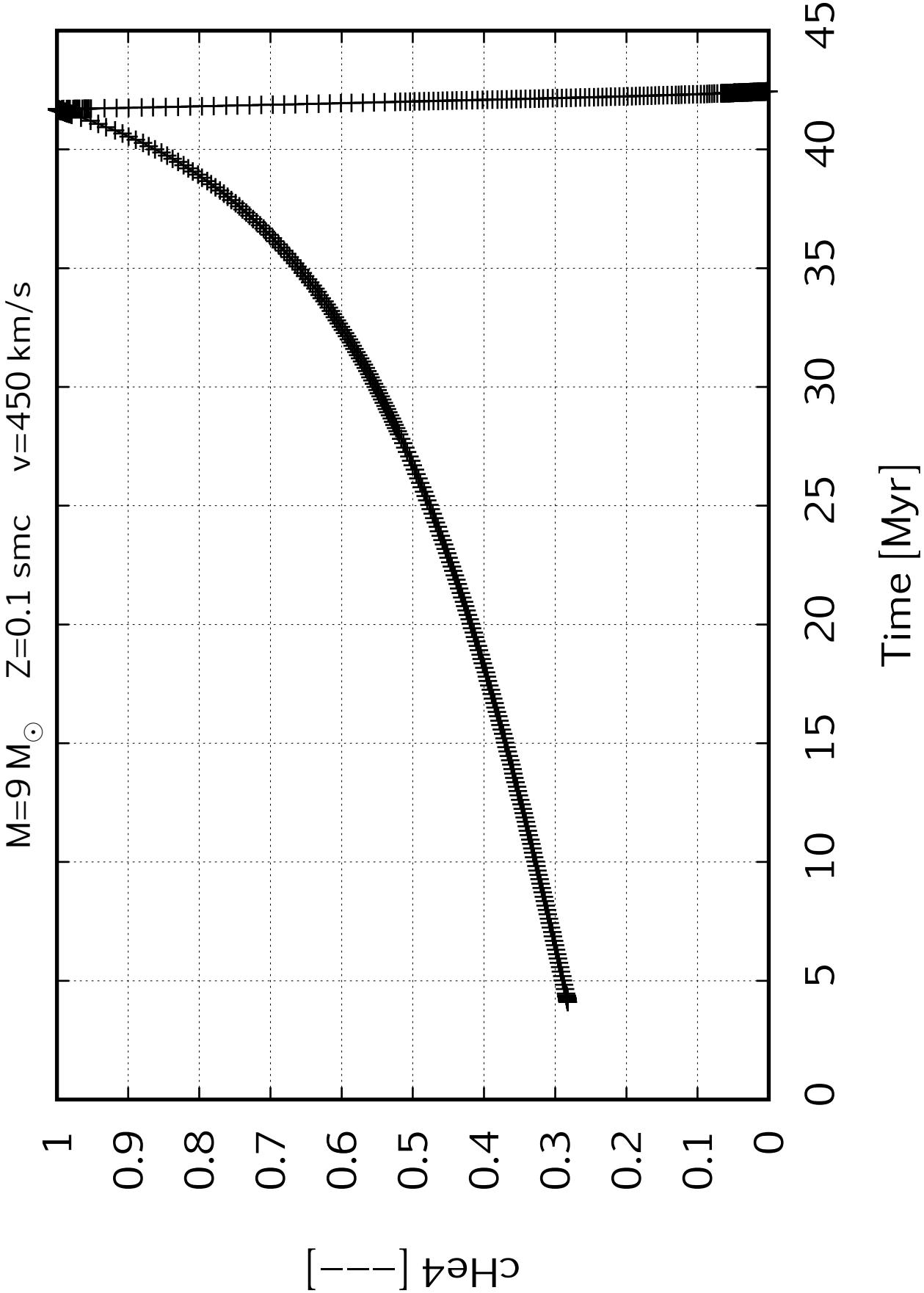
3.64×10^{-13}
 3.63×10^{-13}
 3.62×10^{-13}
 3.61×10^{-13}
 3.60×10^{-13}
 3.59×10^{-13}
 3.58×10^{-13}
 3.57×10^{-13}
 3.56×10^{-13}

CH_2 [—]

$M=9 M_{\odot}$ $Z=0.1$ smc $v=450$ km/s







$M=9 M_{\odot}$ Z=0.1 smc v=450 km/s

3.5×10^{-26}

3×10^{-26}

2.5×10^{-26}

2×10^{-26}

1.5×10^{-26}

1×10^{-26}

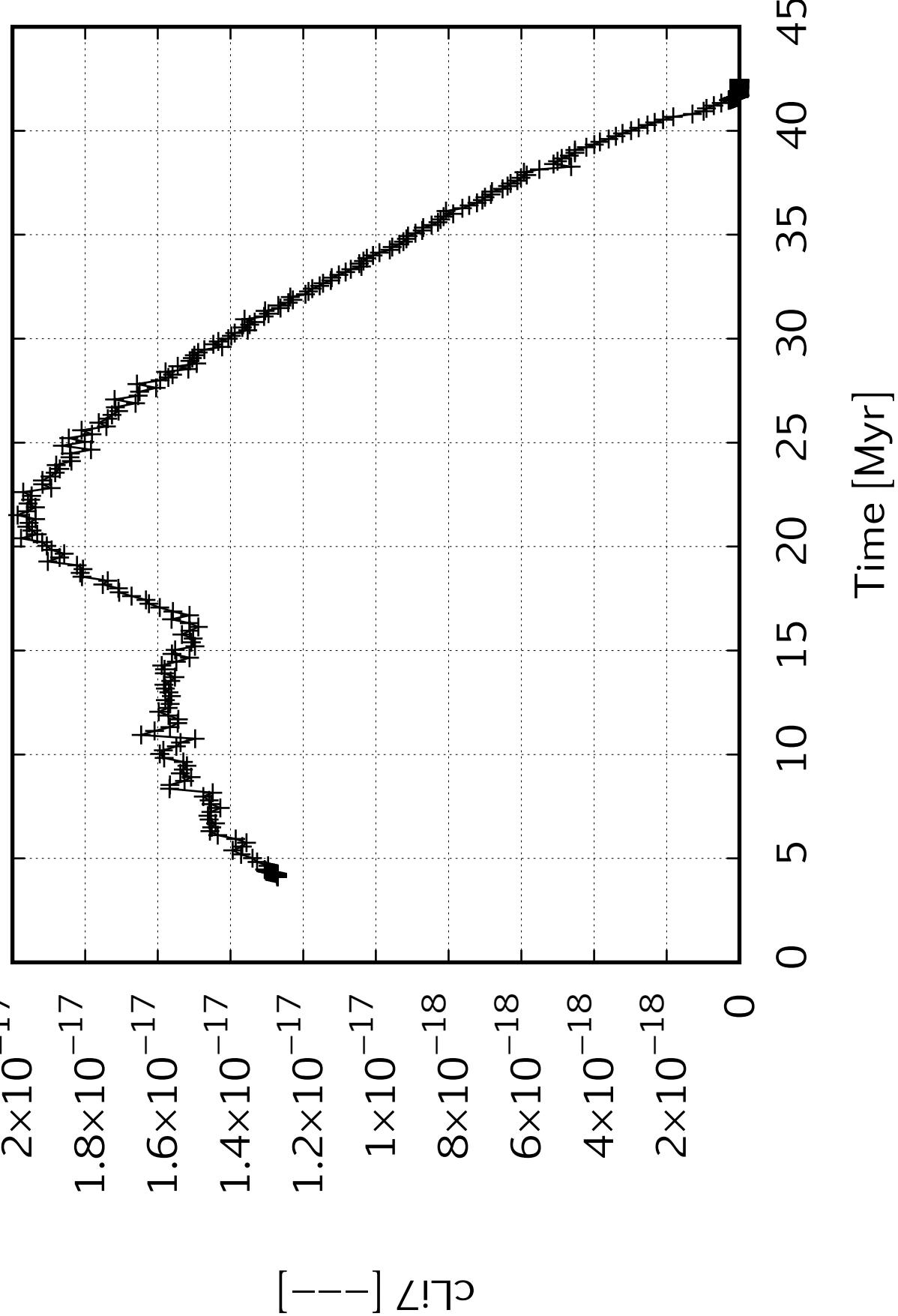
5×10^{-27}

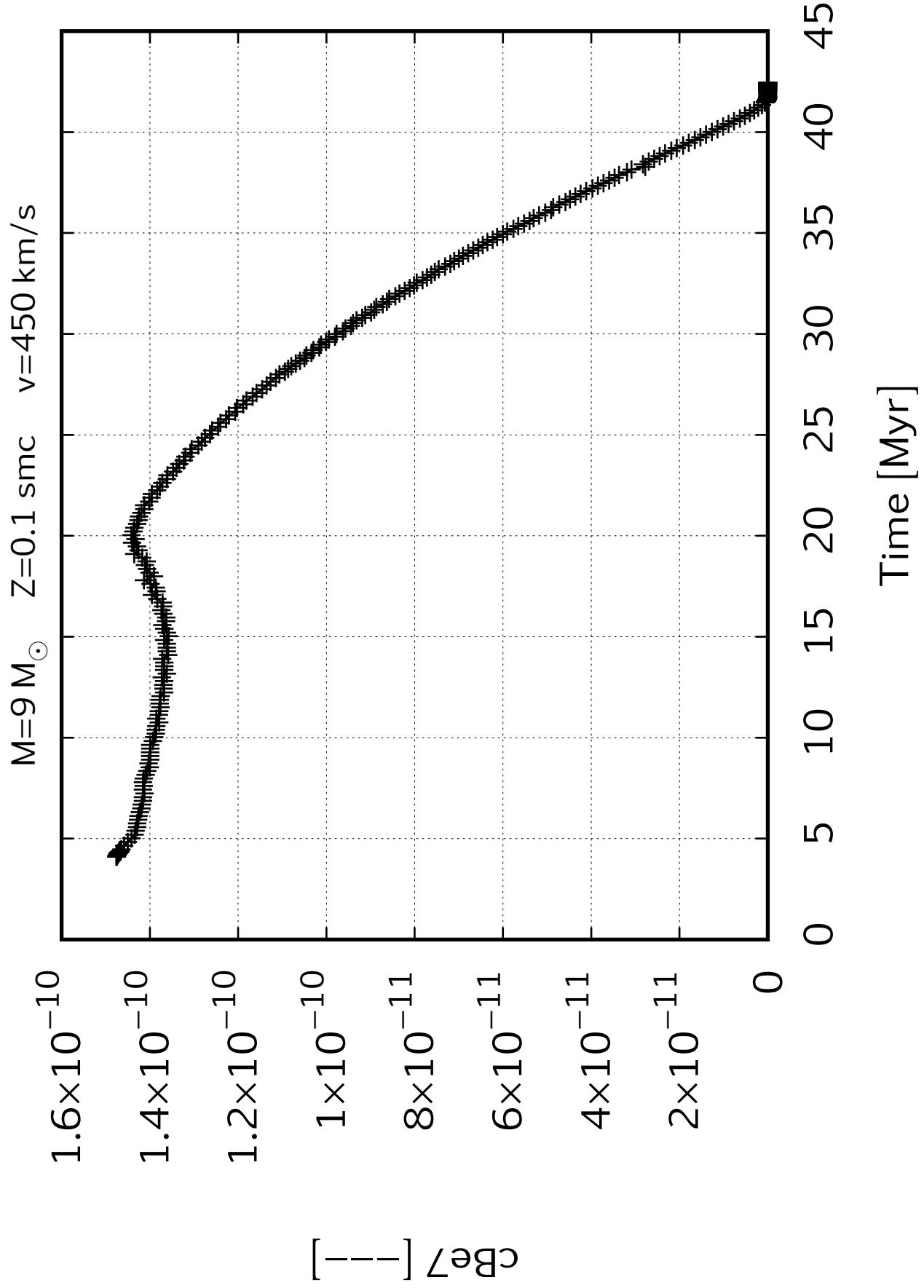
0

C-Li₉ [—]

Time [Myr]

$M=9 M_{\odot}$ Z=0.1 smc v=450 km/s





$M=9 M_{\odot}$ $v=450 \text{ km/s}$ $Z=0.1 \text{ smc}$

6×10^{-22}

5×10^{-22}

4×10^{-22}

3×10^{-22}

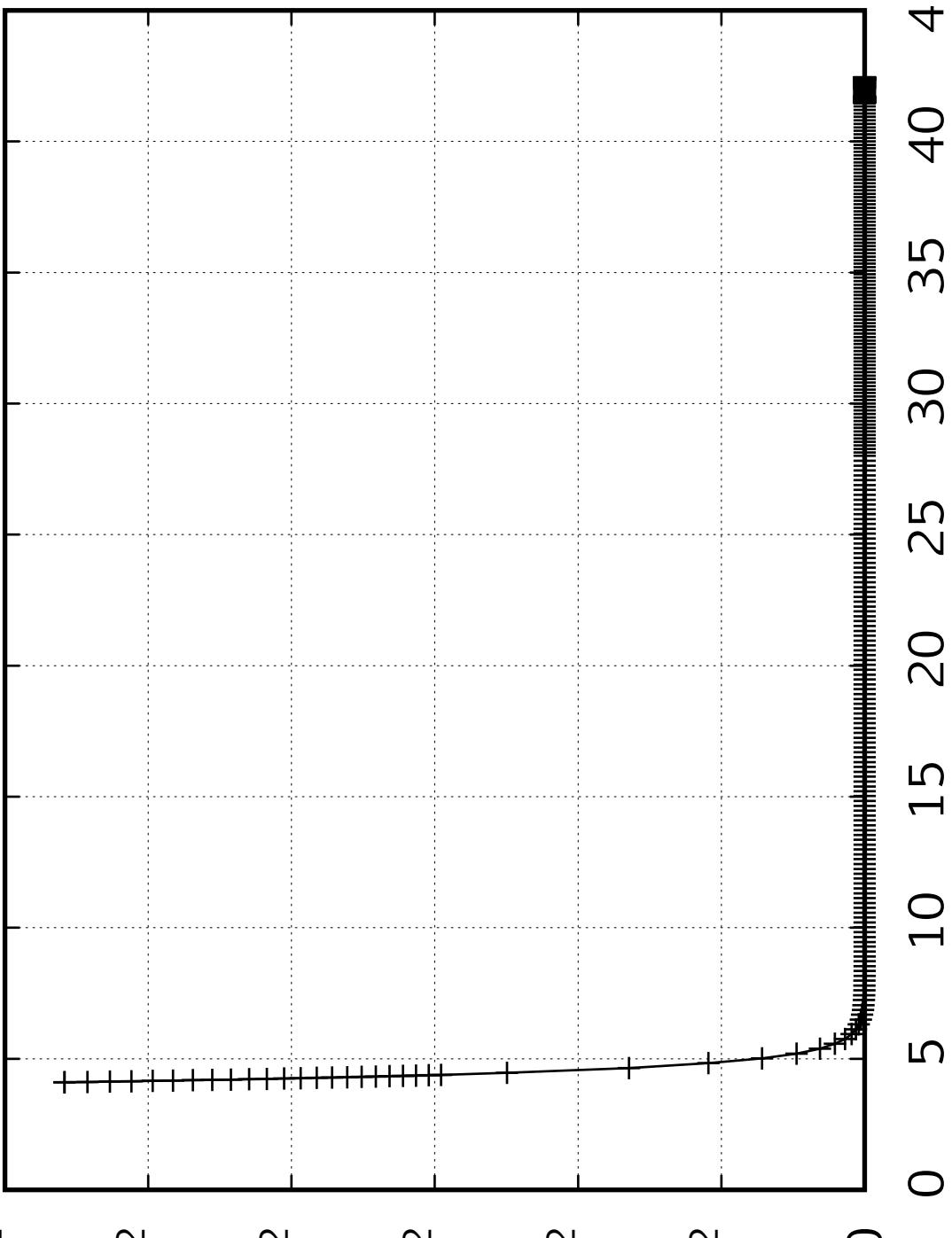
2×10^{-22}

1×10^{-22}

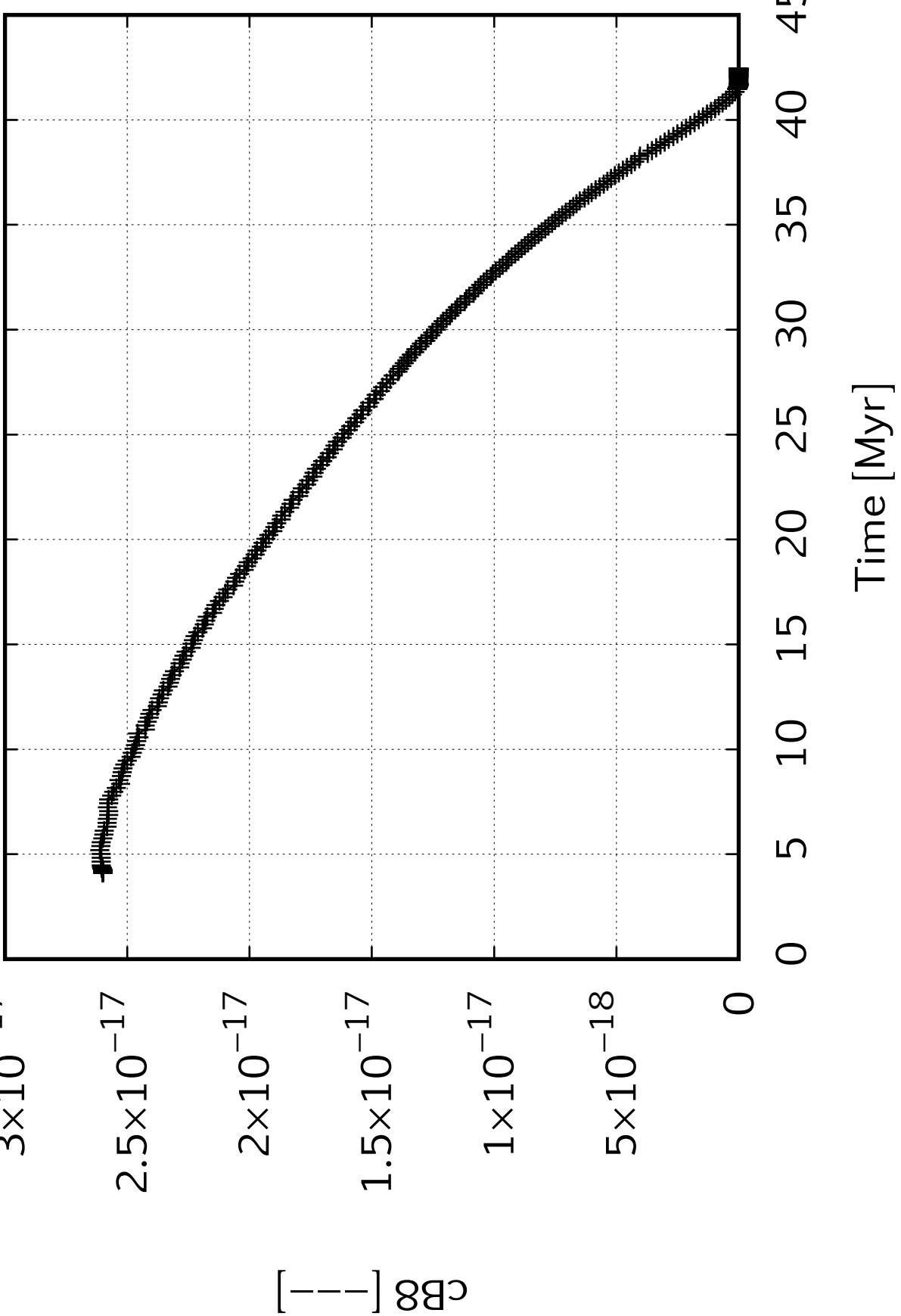
0

CBe^6

Time [Myr]



$M=9 M_{\odot}$ Z=0.1 smc v=450 km/s



$M=9 M_{\odot}$ $Z=0.1$ smc $v=450 \text{ km/s}$

7×10^{-18}

6×10^{-18}

5×10^{-18}

4×10^{-18}

3×10^{-18}

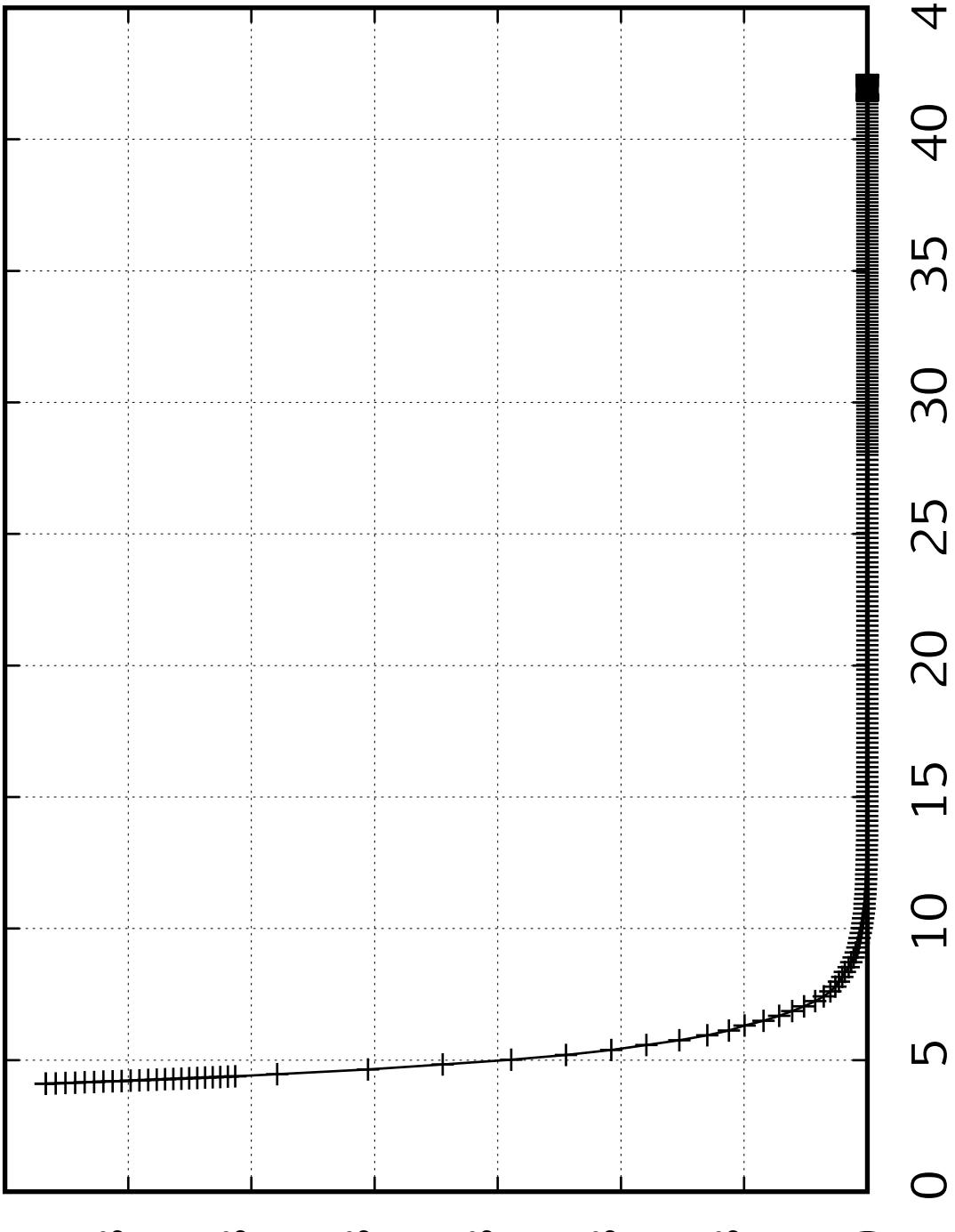
2×10^{-18}

1×10^{-18}

0

CB10 [—]

Time [Myr]



$M=9 M_{\odot}$ $v=450 \text{ km/s}$ $Z=0.1 \text{ smc}$

6×10^{-18}

5×10^{-18}

4×10^{-18}

3×10^{-18}

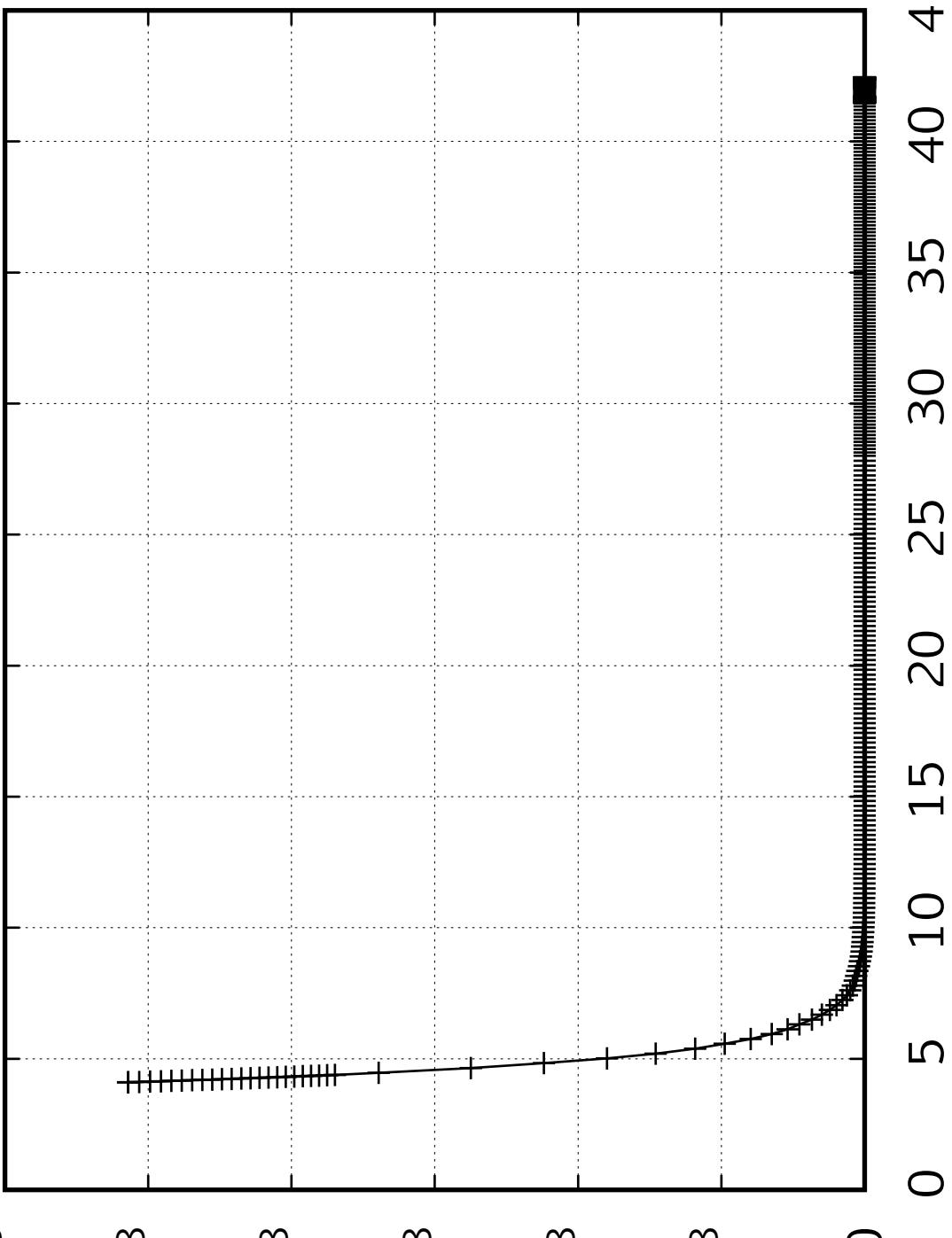
2×10^{-18}

1×10^{-18}

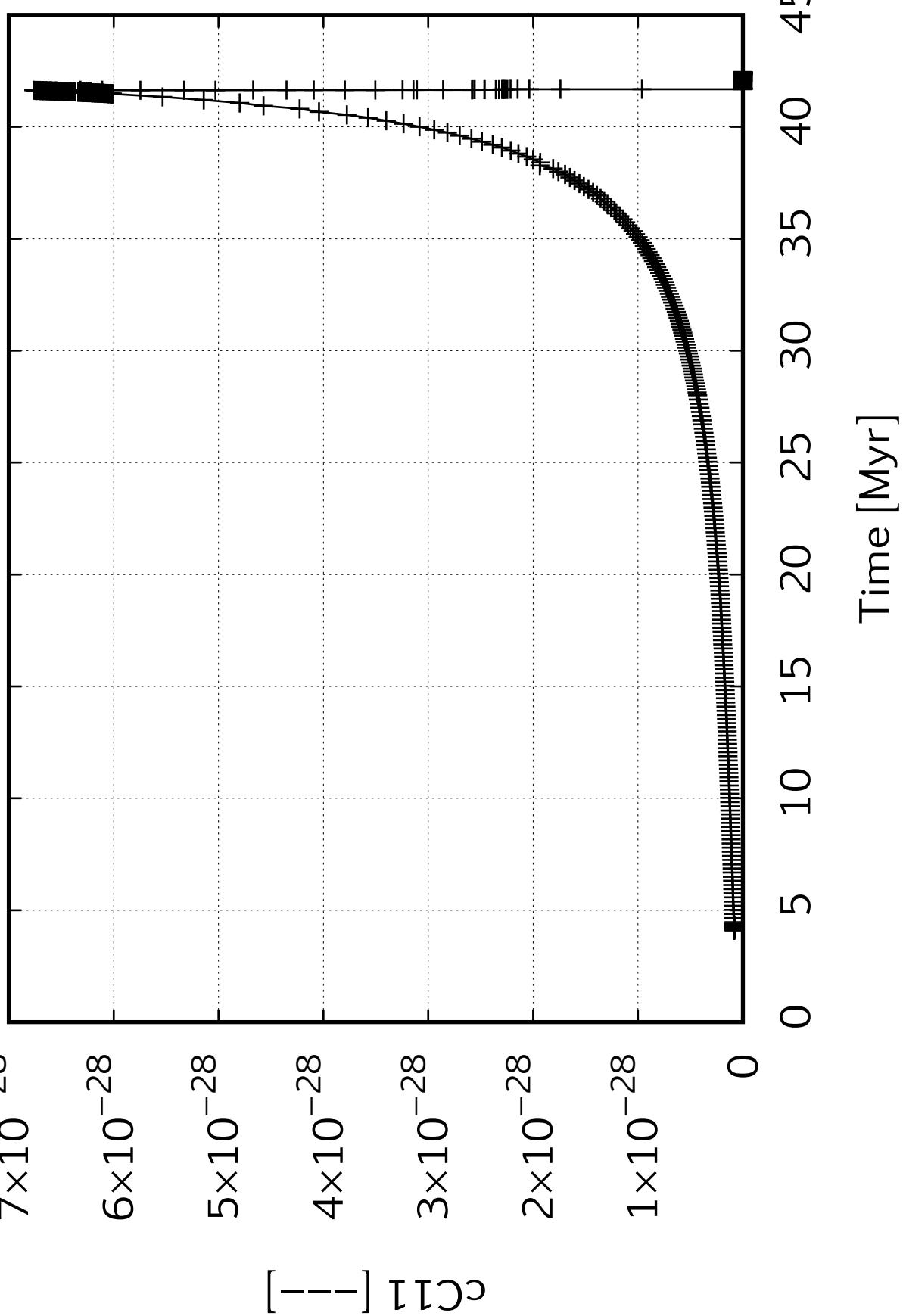
0

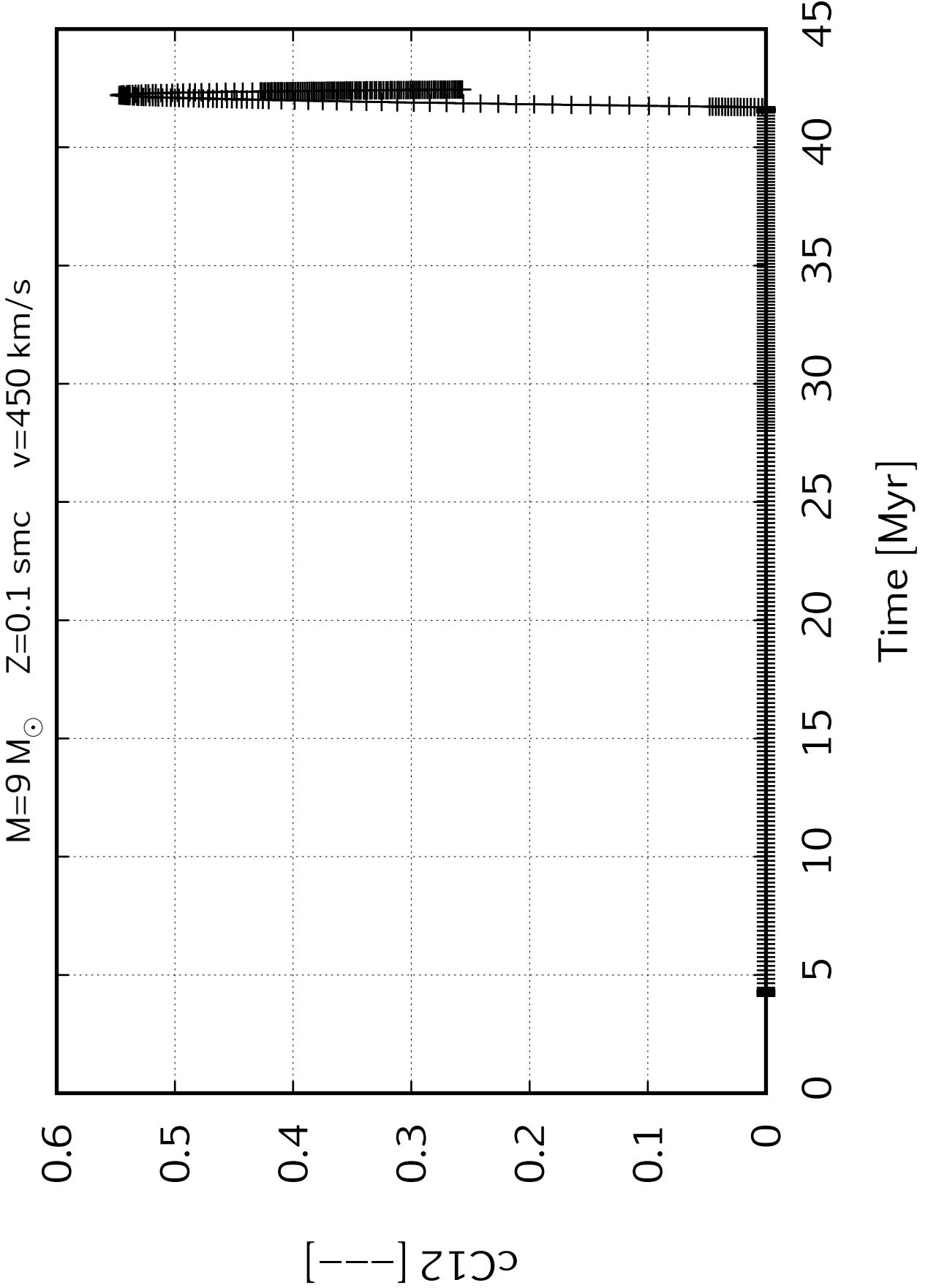
CB11 [—]

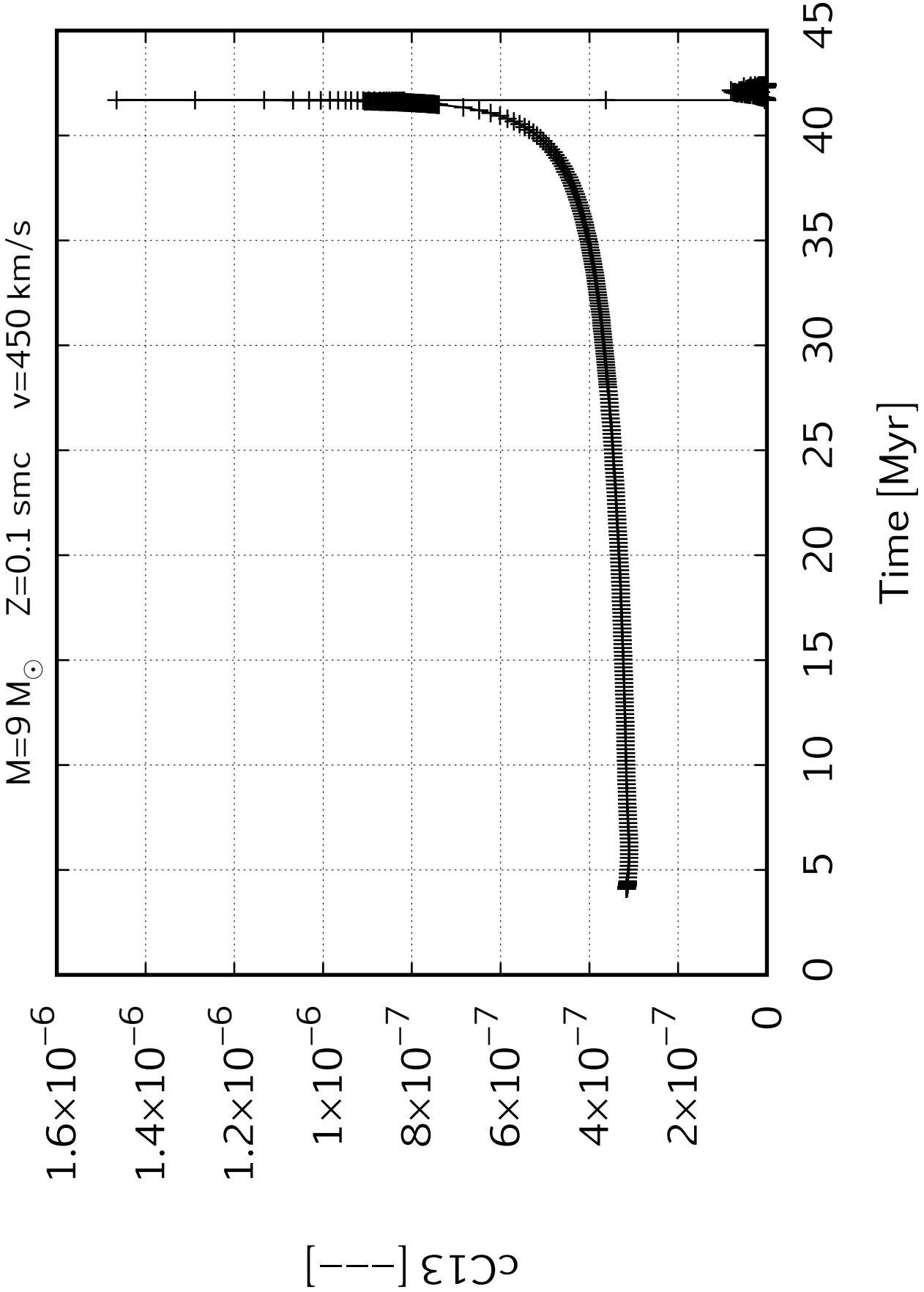
Time [Myr]



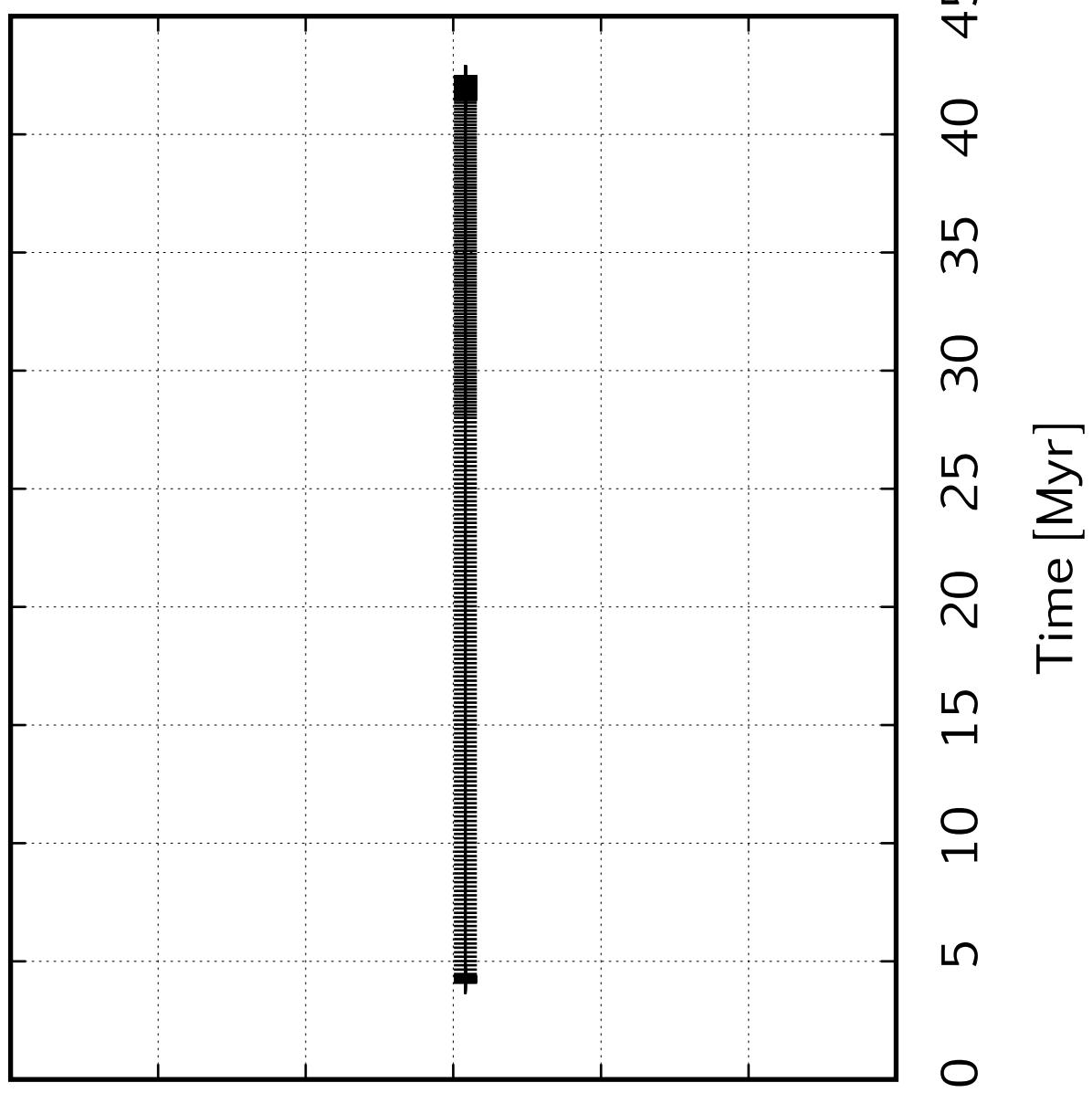
$M=9 M_{\odot}$ $Z=0.1$ smc $v=450 \text{ km/s}$







$M=9 M_{\odot}$ $Z=0.1$ smc $v=450$ km/s



1.415×10^{-99}

1.41×10^{-99}

1.405×10^{-99}

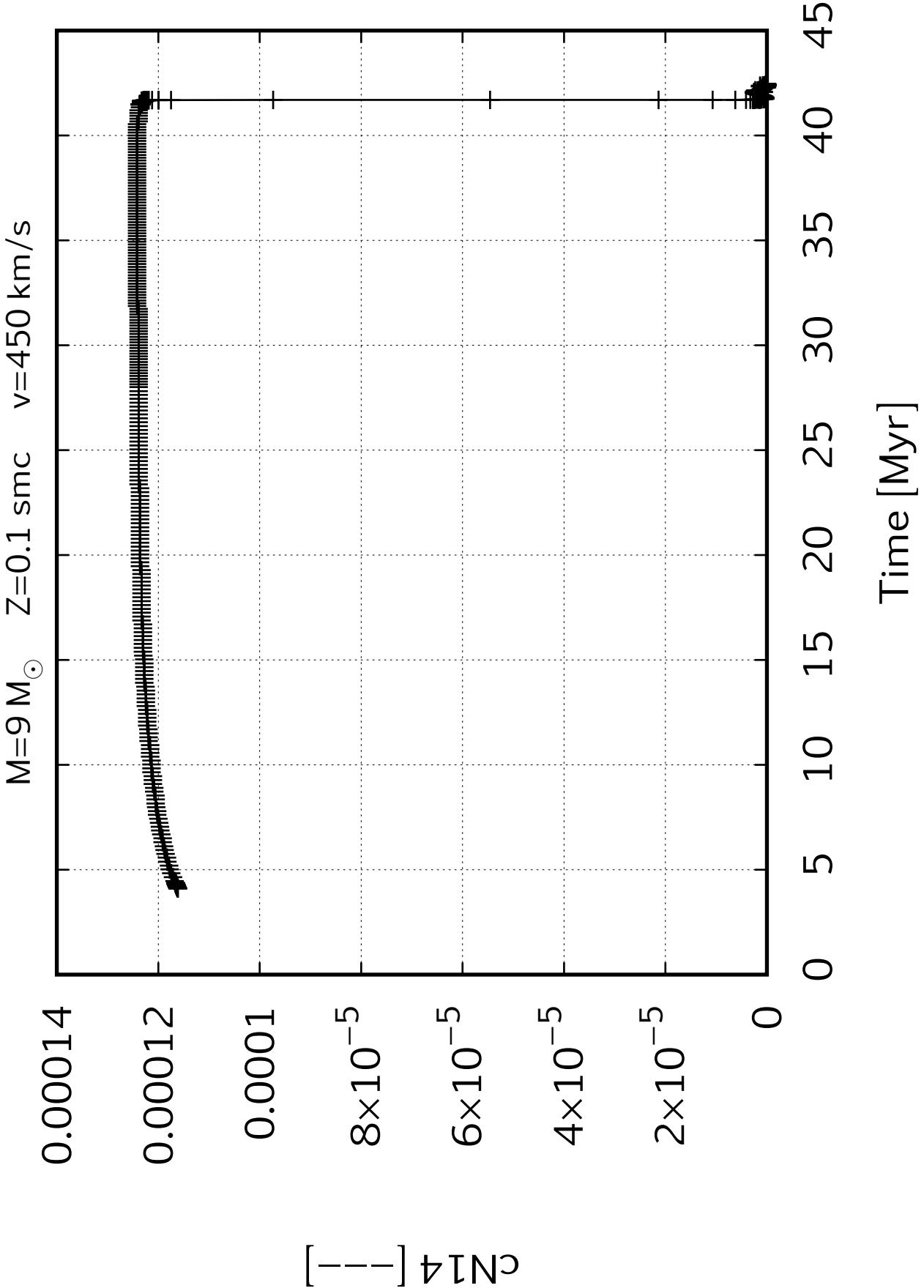
1.4×10^{-99}

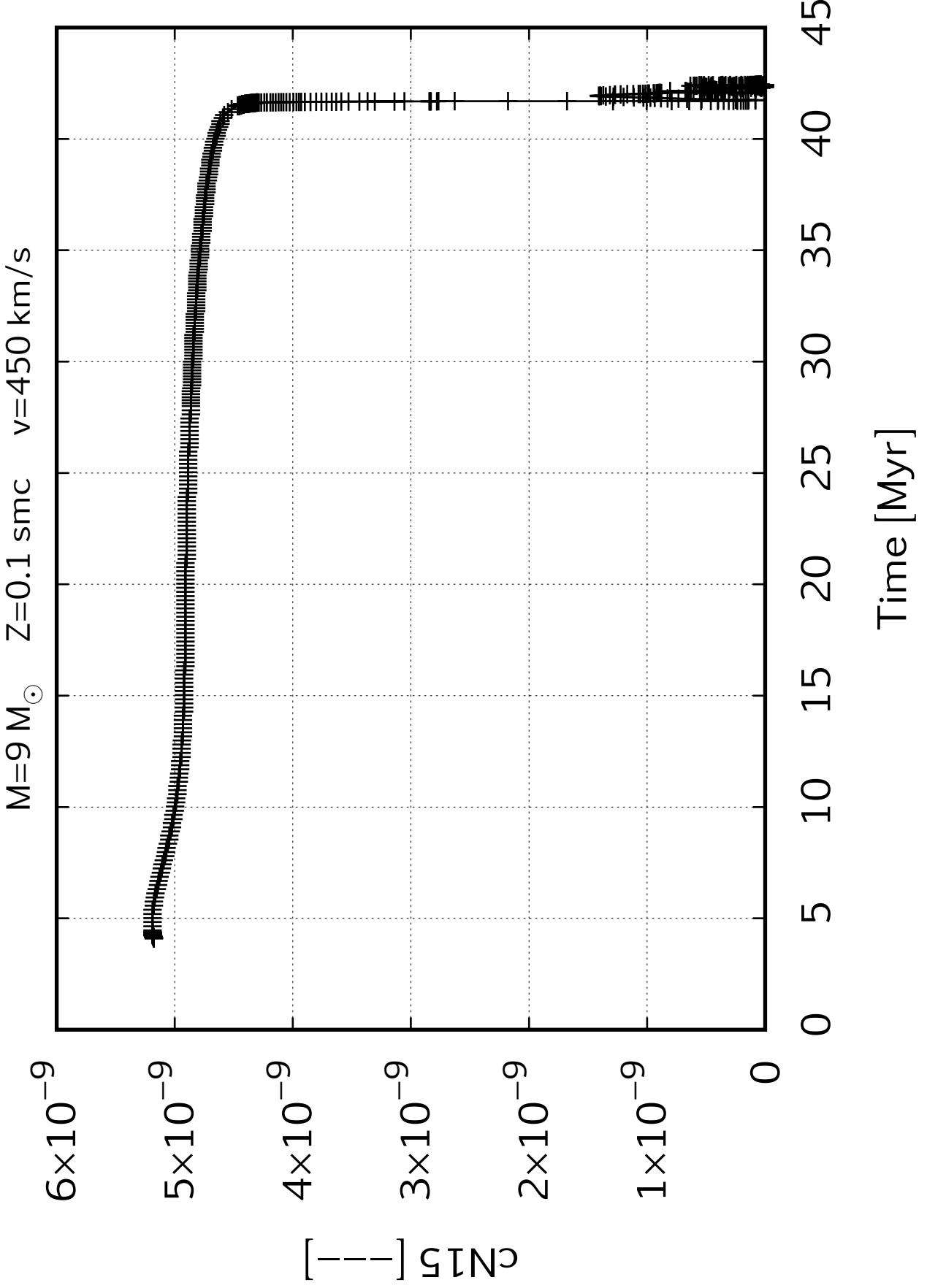
1.395×10^{-99}

1.39×10^{-99}

1.385×10^{-99}

CN12 [---]

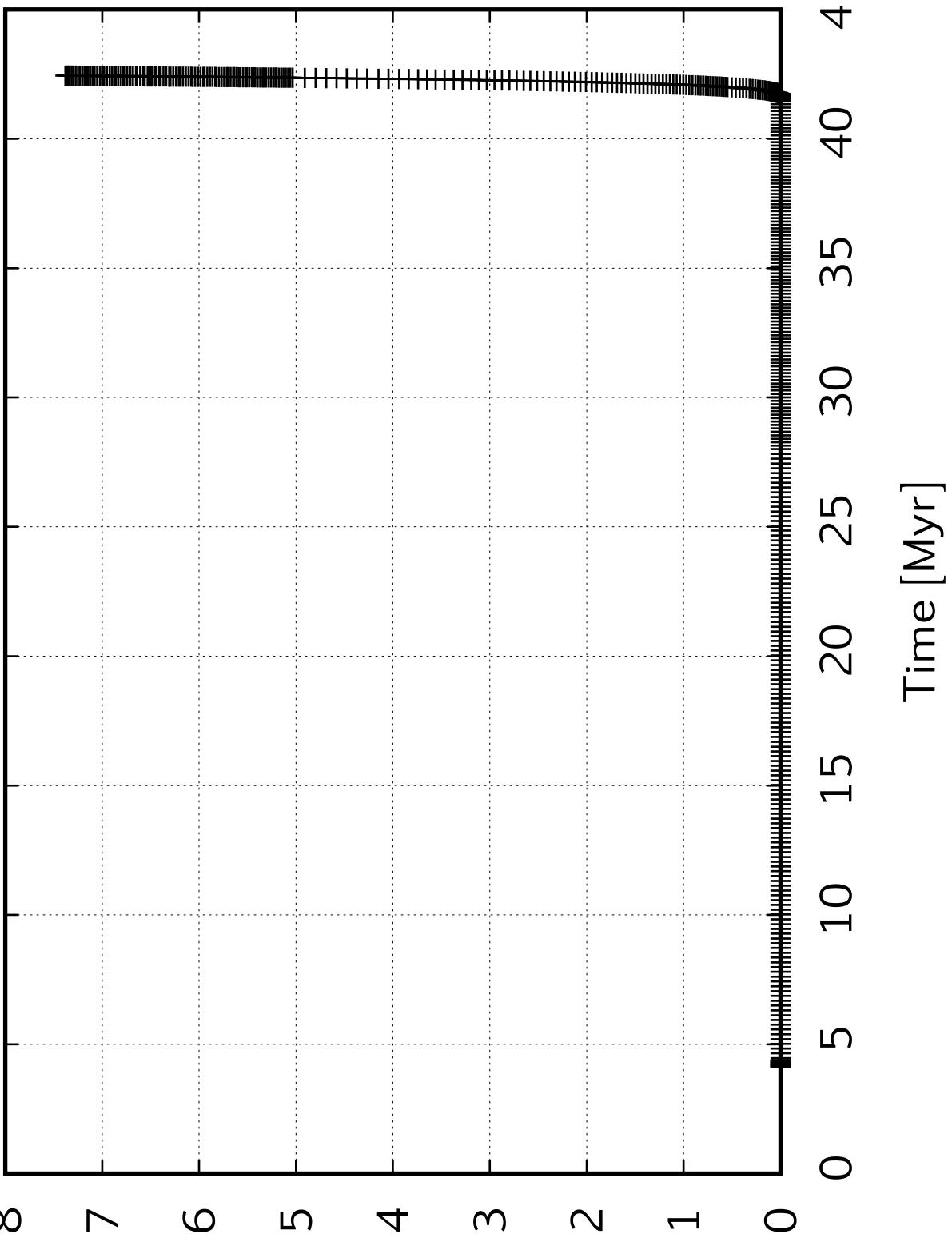


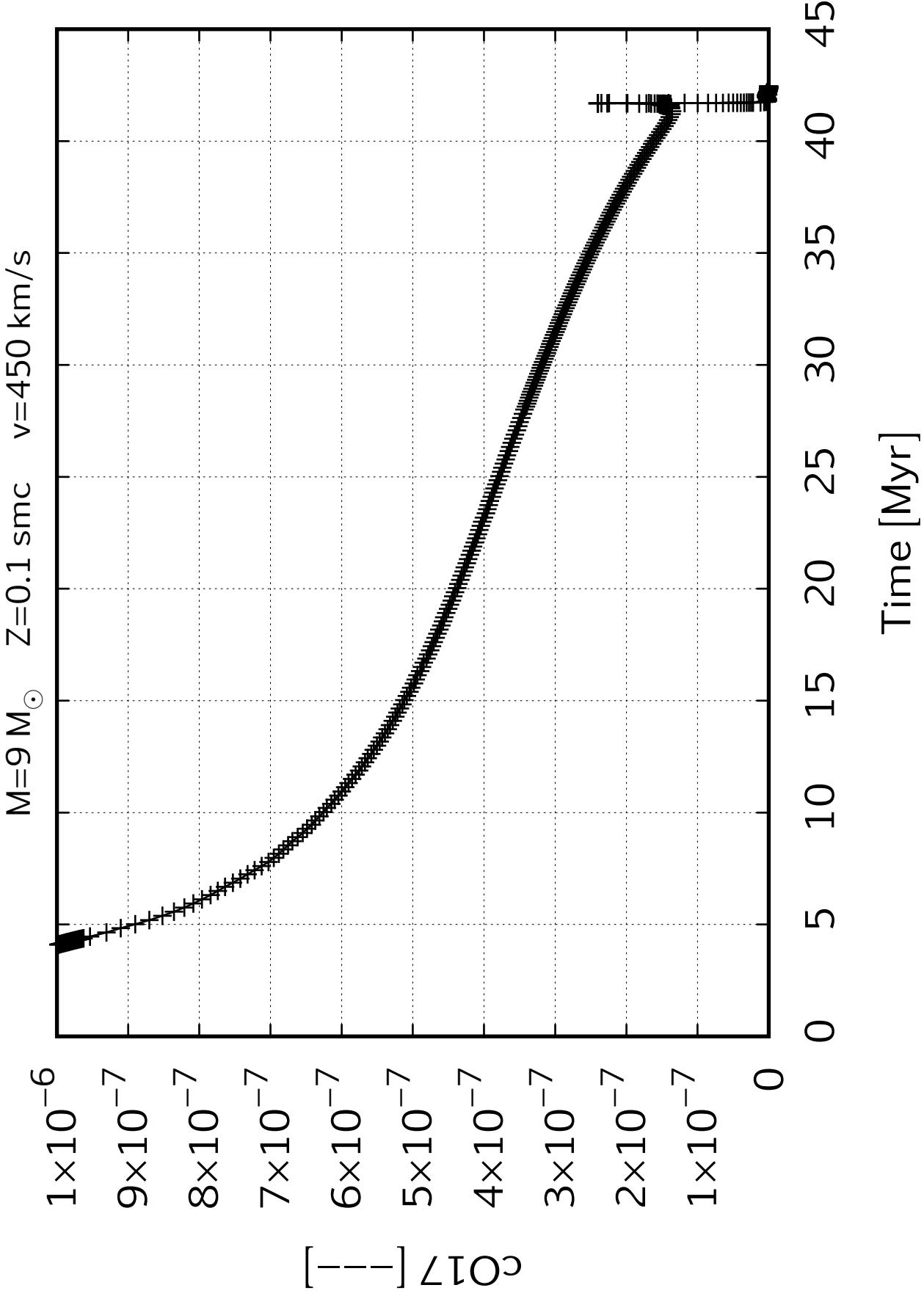


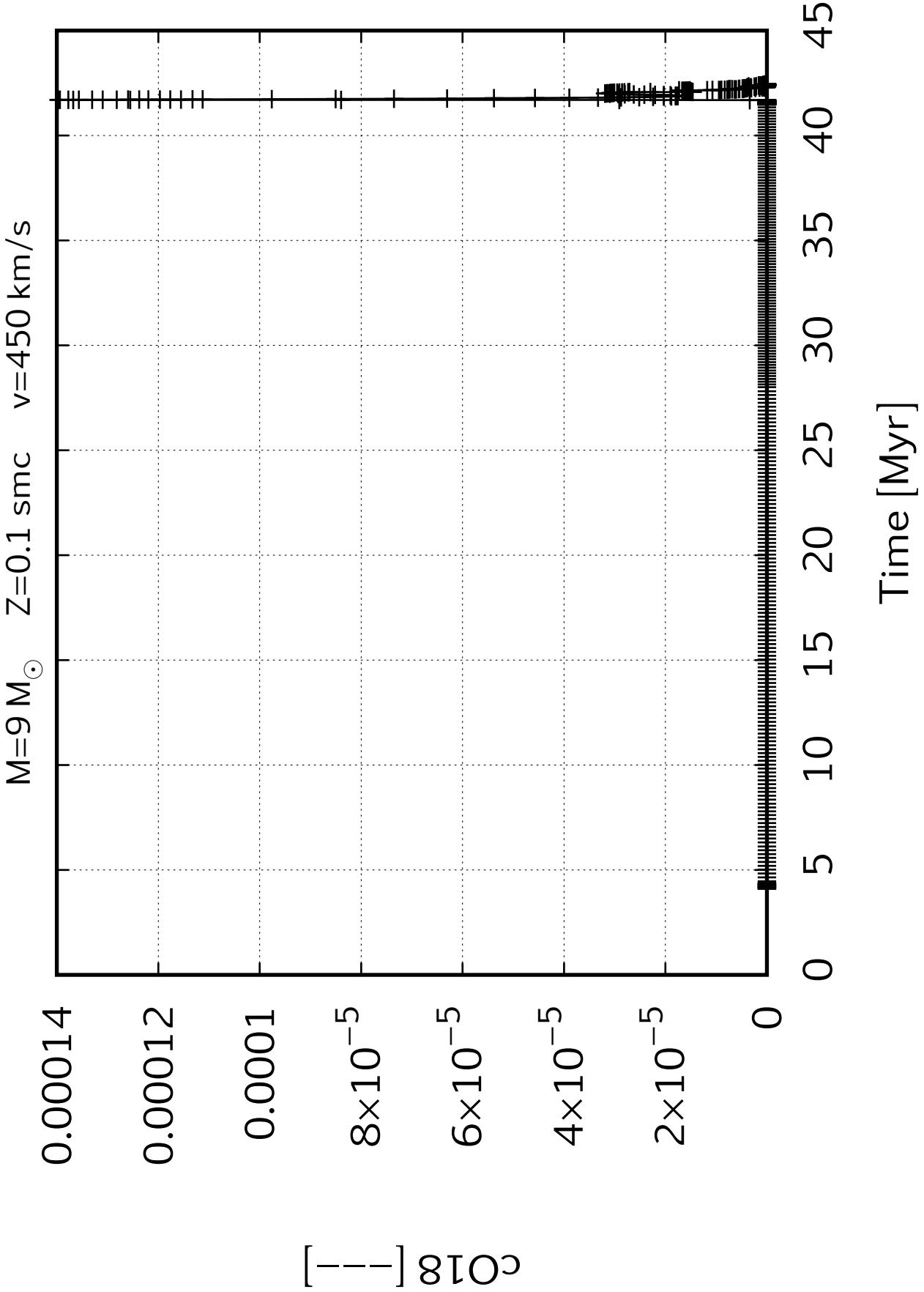
$M=9 M_{\odot}$ Z=0.1 smc $v=450 \text{ km/s}$

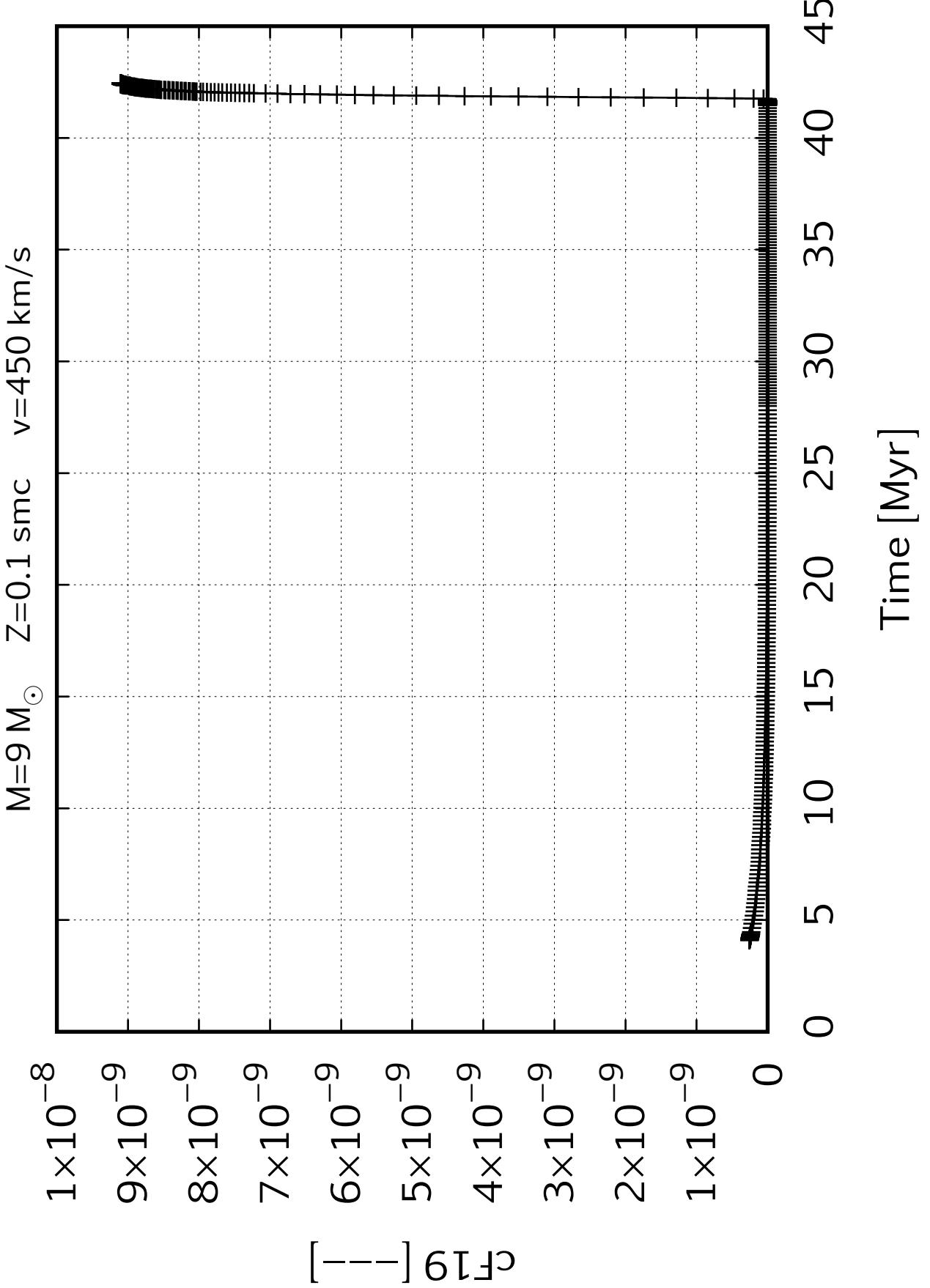
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0

[$\text{CO}16$]



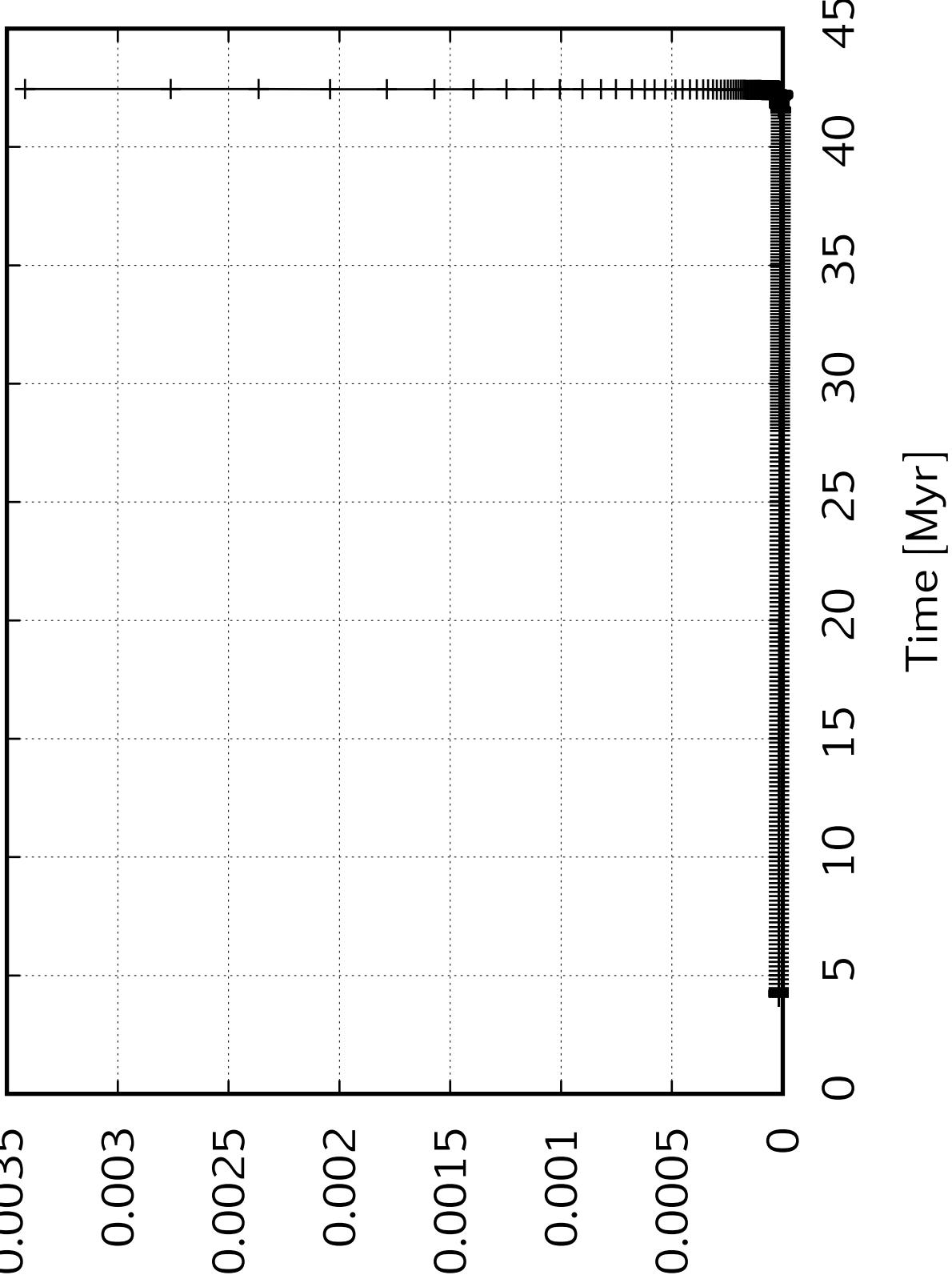






$M=9 M_{\odot}$ $Z=0.1$ smc $v=450$ km/s

CNe20 [---]



$M=9 M_{\odot}$ Z=0.1 smc

4×10^{-5}

3.5×10^{-5}

3×10^{-5}

2.5×10^{-5}

2×10^{-5}

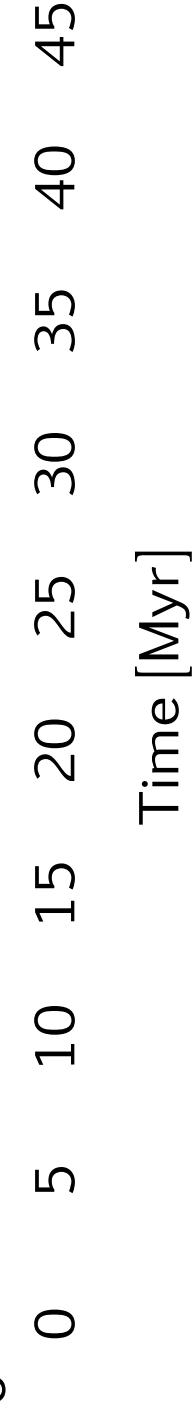
1.5×10^{-5}

1×10^{-5}

5×10^{-6}

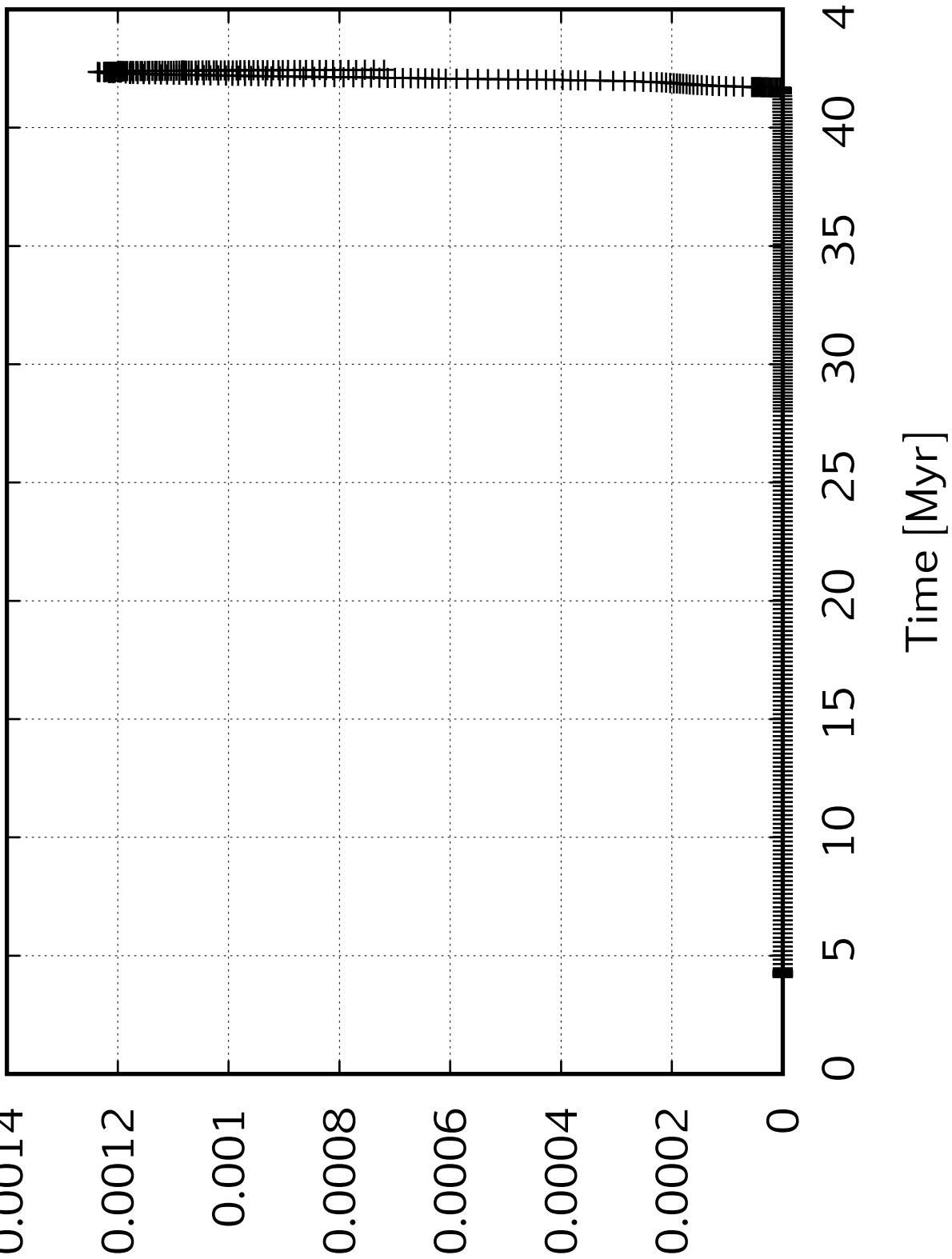
0

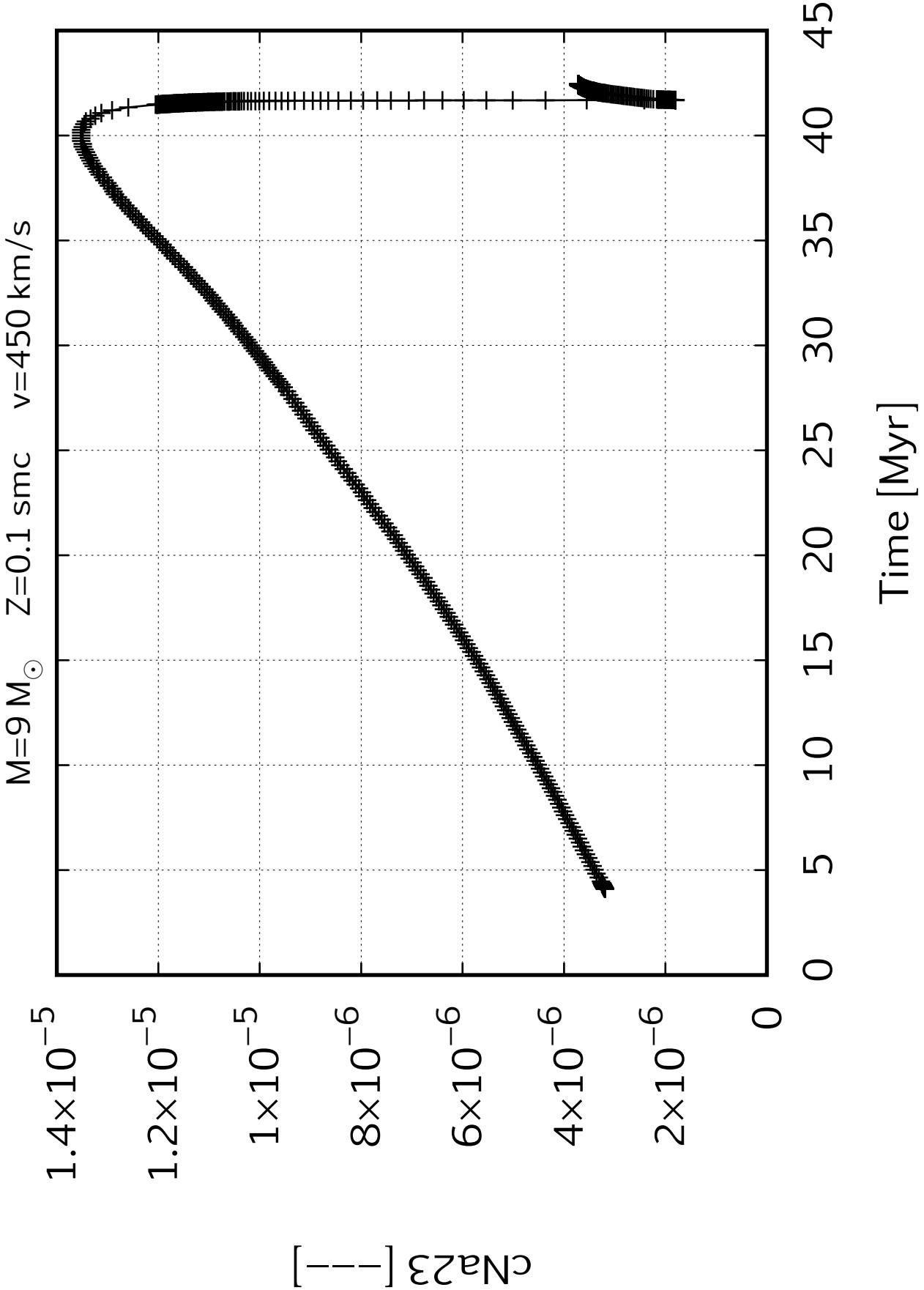
C_{N2}1 [—]



$M=9 M_{\odot}$ Z=0.1 smc $v=450 \text{ km/s}$

CNe22 [---]





$M=9 M_{\odot}$ Z=0.1 smc

4.5×10^{-5}

4×10^{-5}

3.5×10^{-5}

3×10^{-5}

2.5×10^{-5}

2×10^{-5}

1.5×10^{-5}

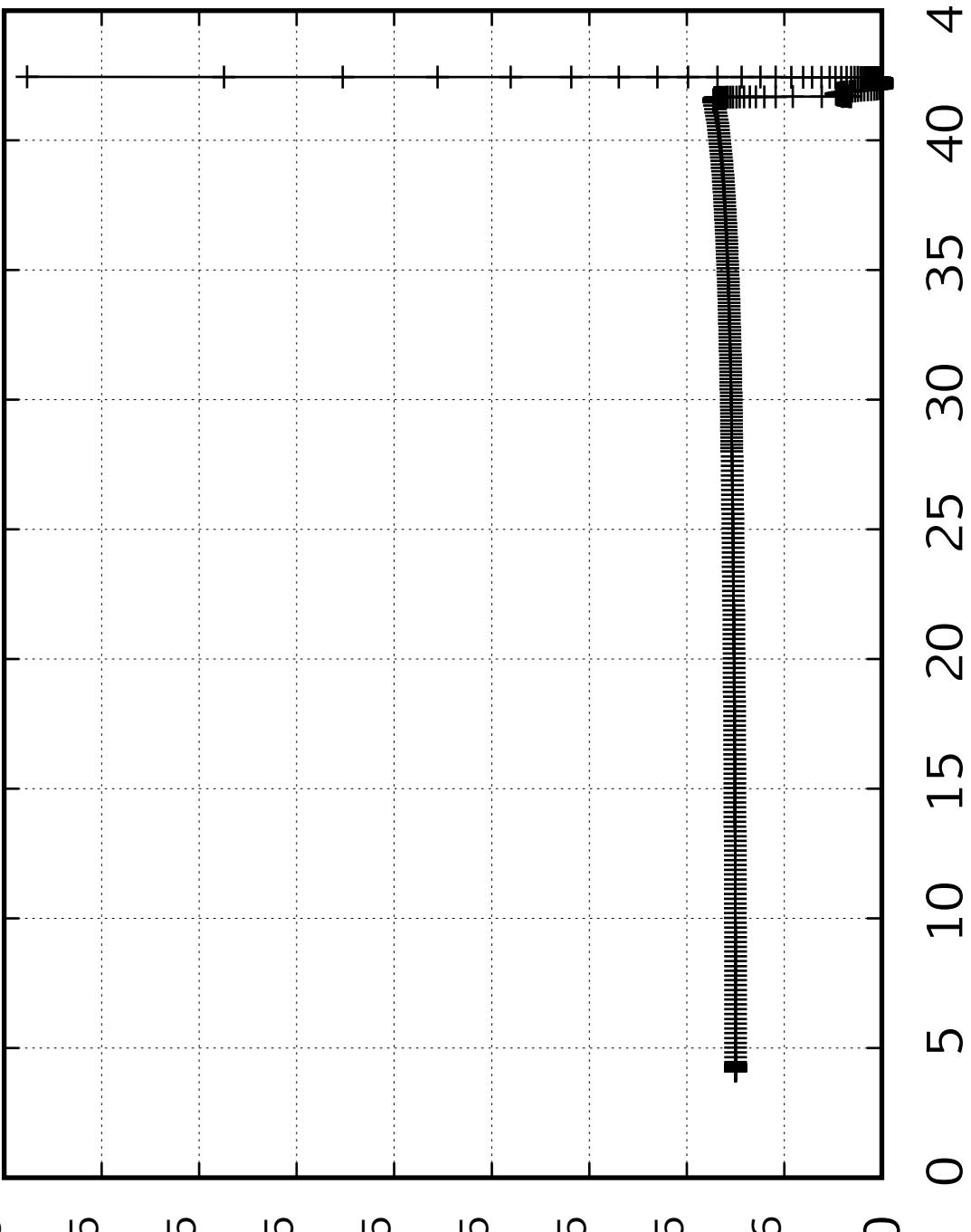
1×10^{-5}

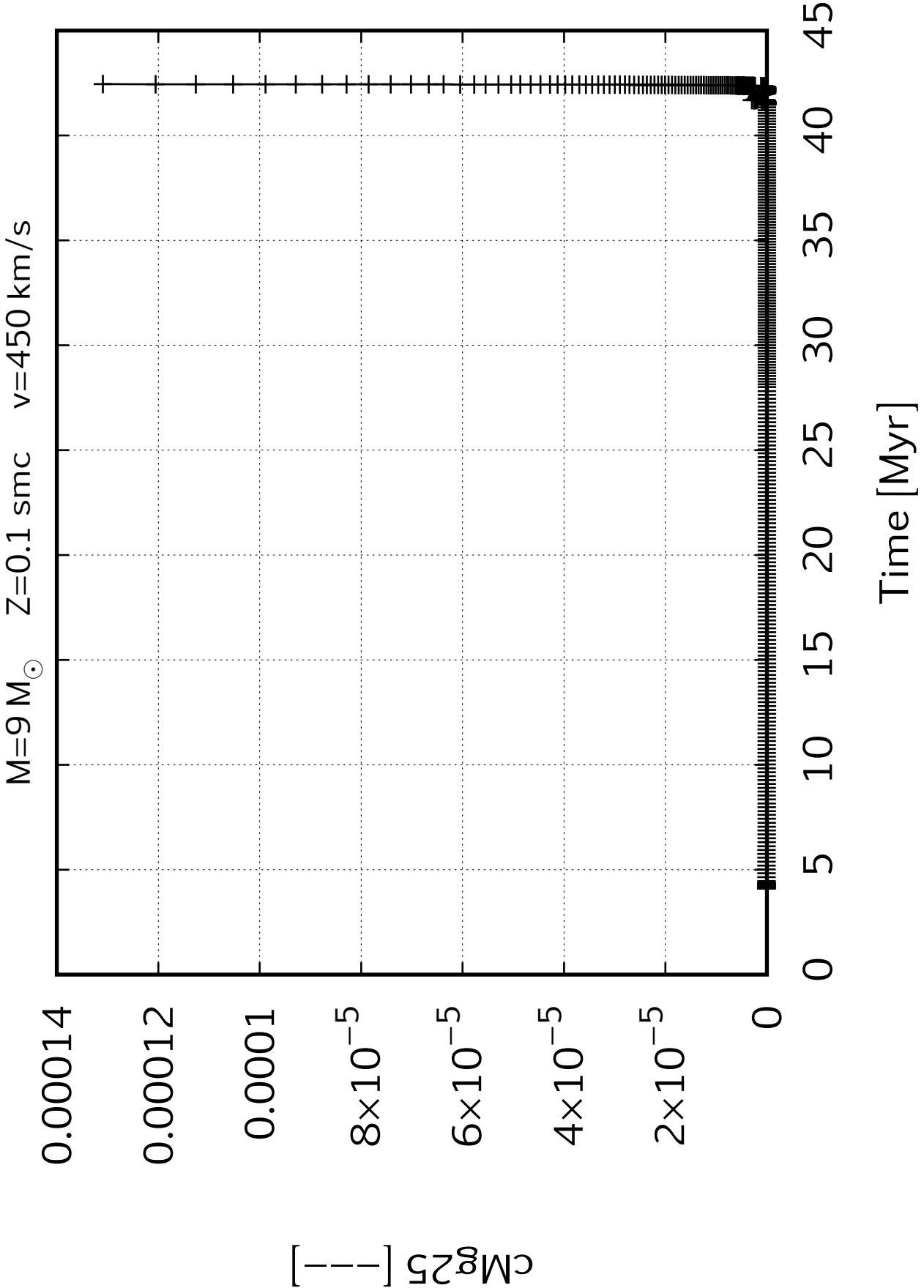
5×10^{-6}

0

$\text{CMg}24$ [---]

Time [Myr]





$M=9 M_{\odot}$ Z=0.1 smc $v=450$ km/s

0.0009

0.0008

0.0007

0.0006

0.0005

0.0004

0.0003

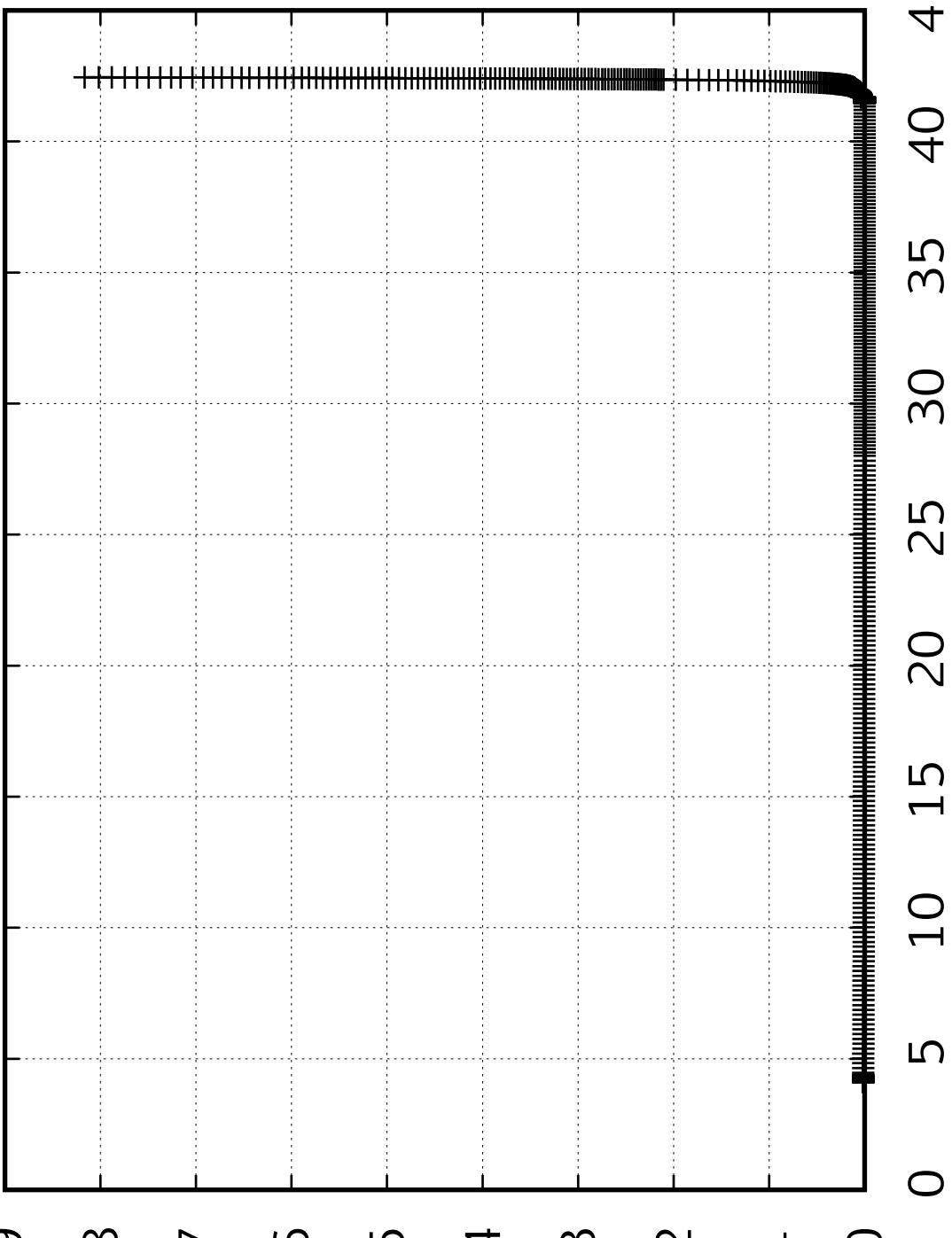
0.0002

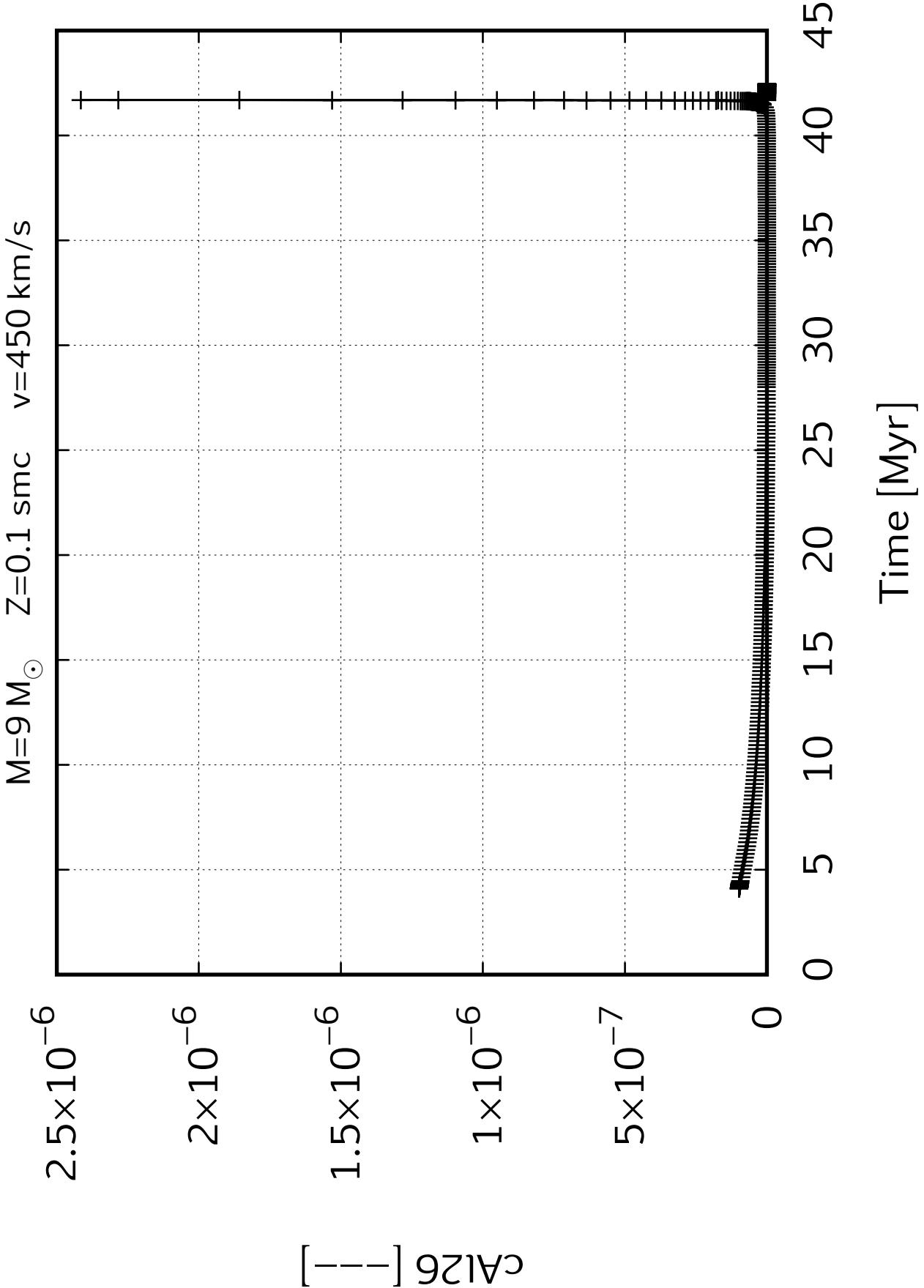
0.0001

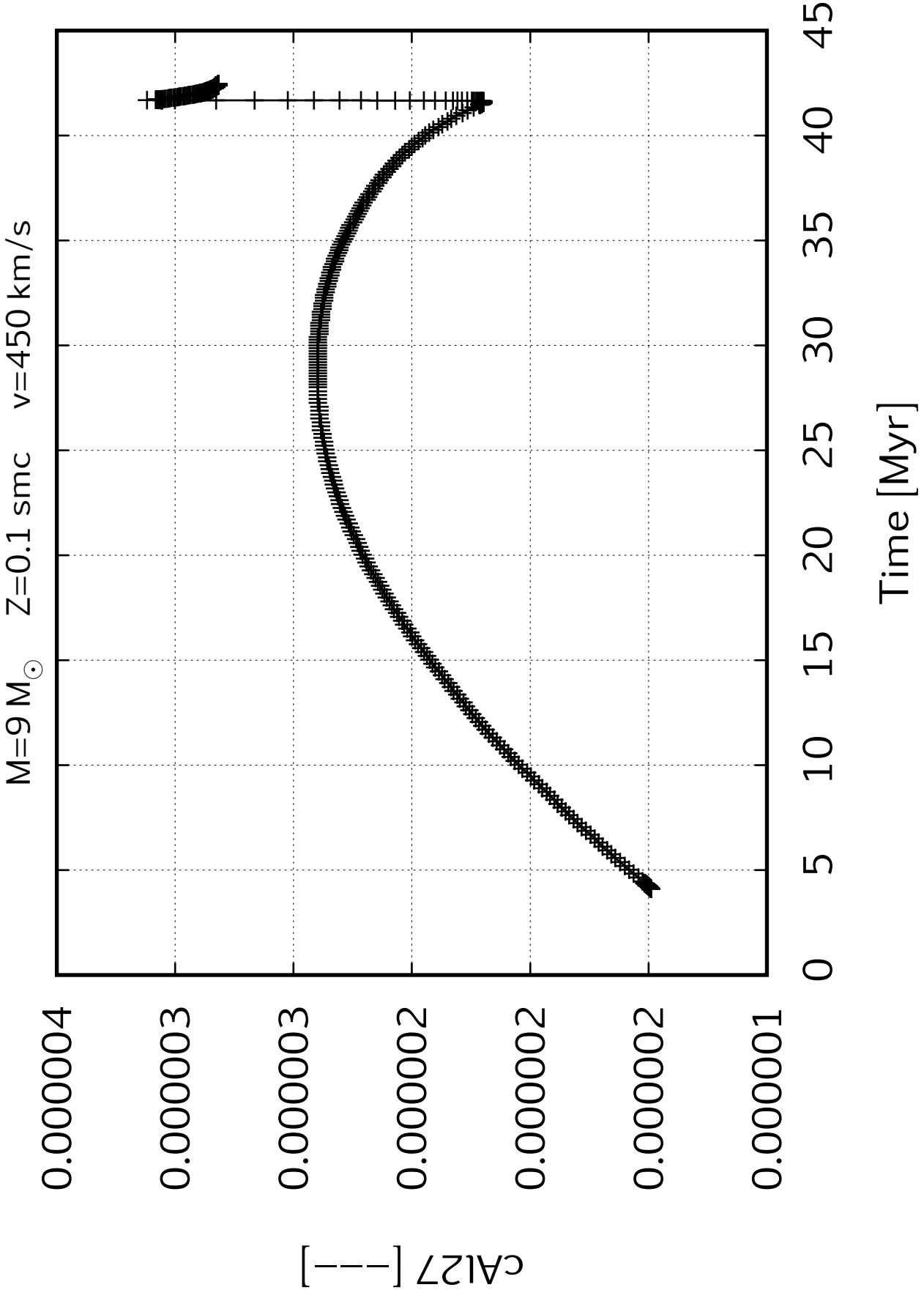
0

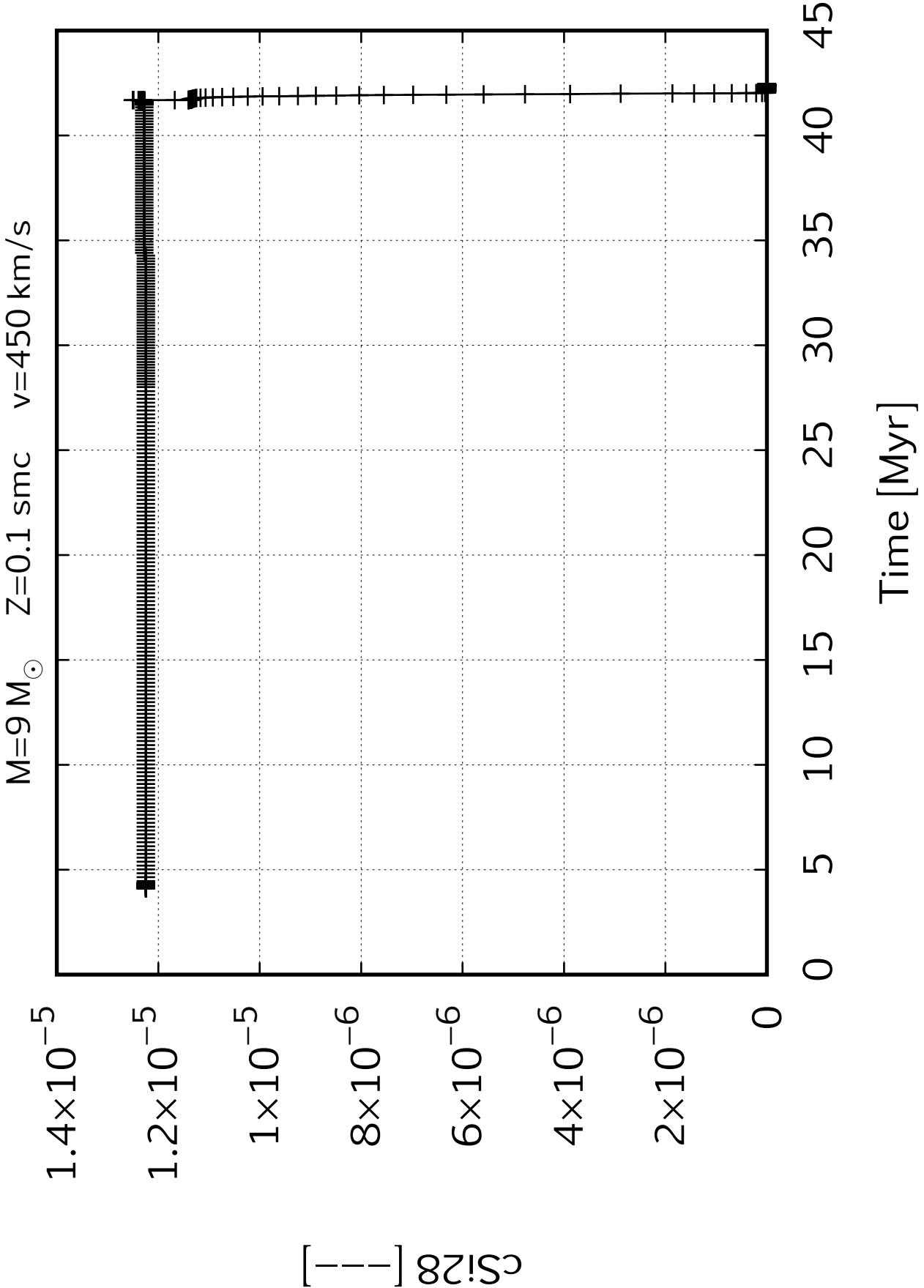
CMg^{26} [---]

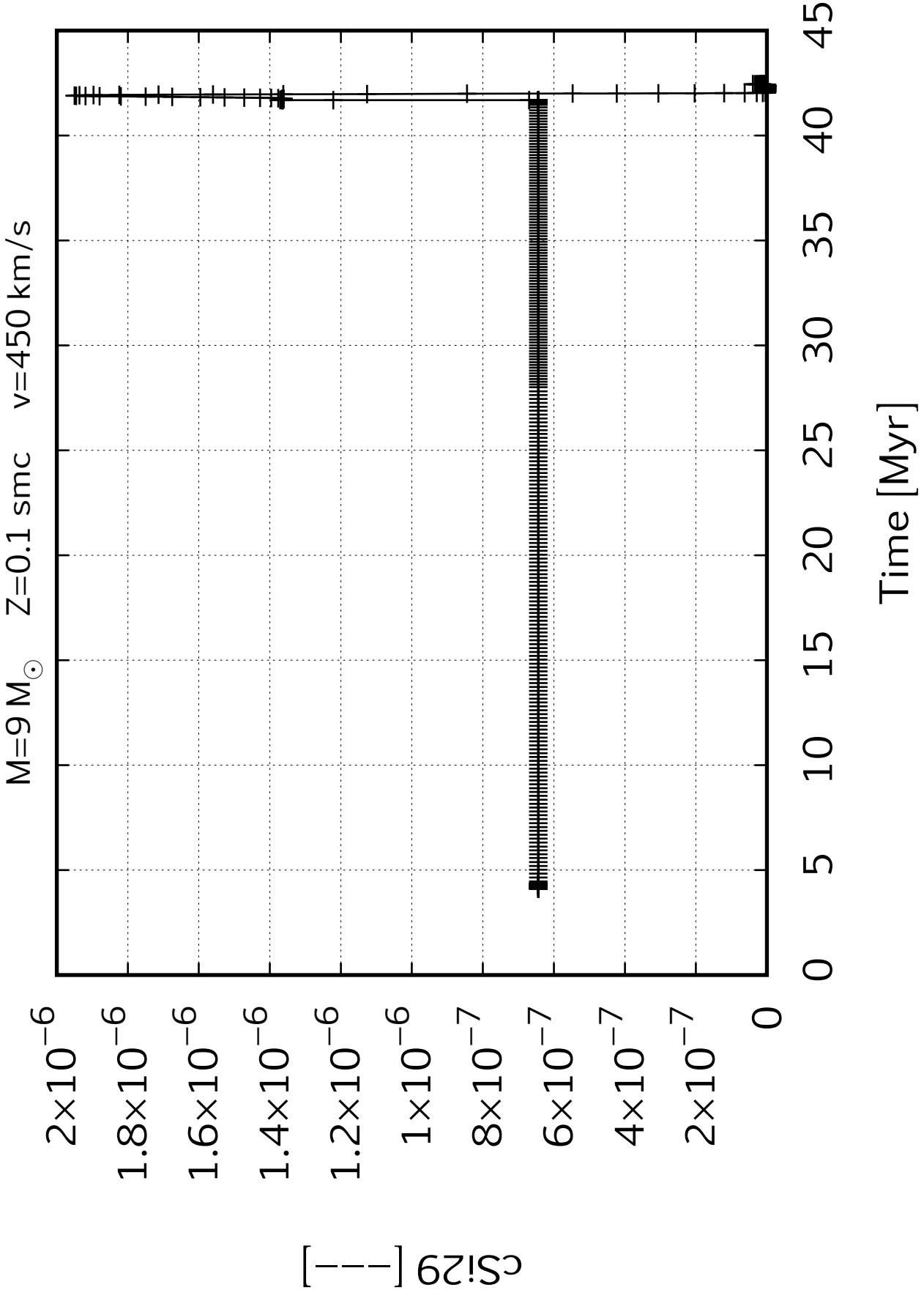
Time [Myr]

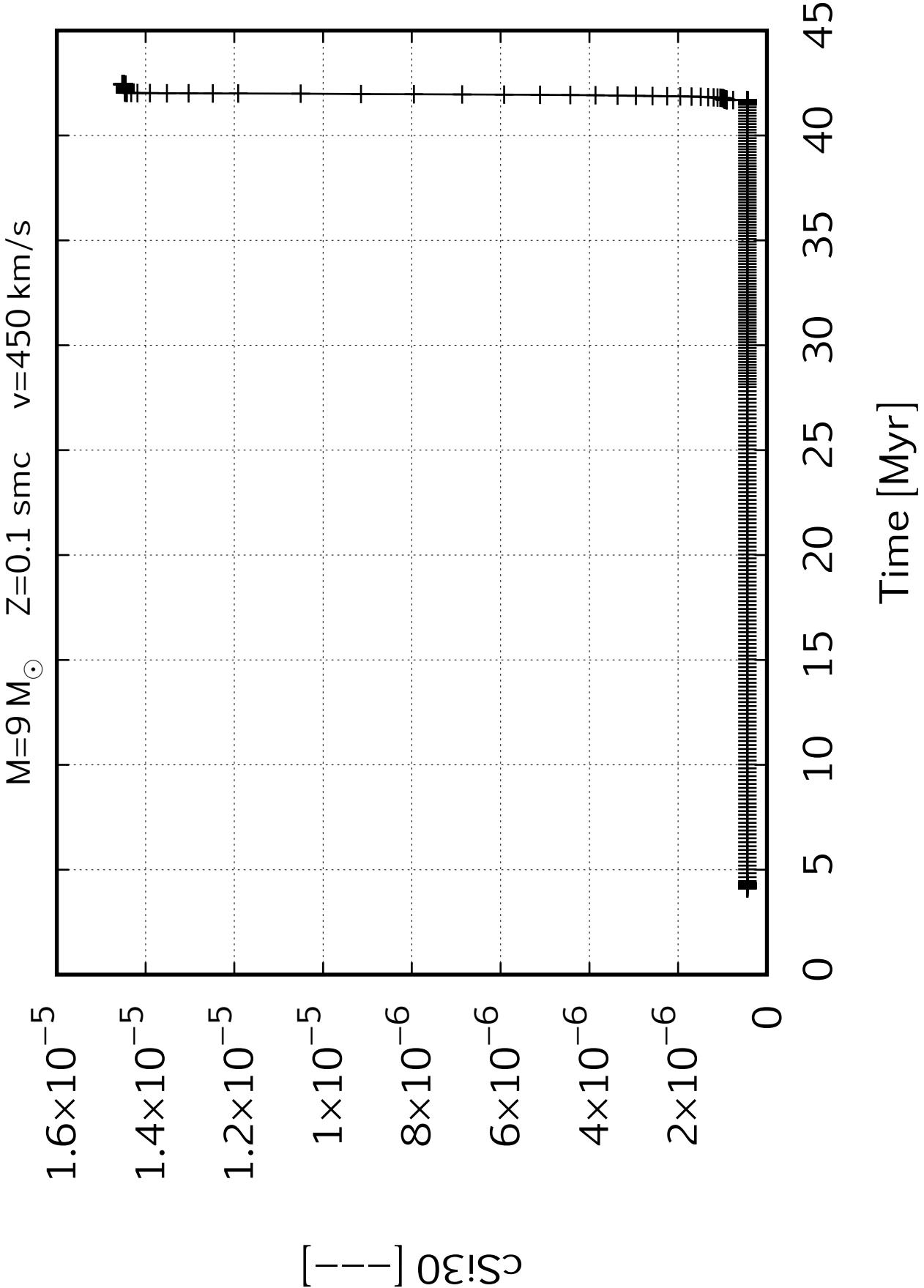












0.00000257

0.00000256

0.00000255

0.00000254

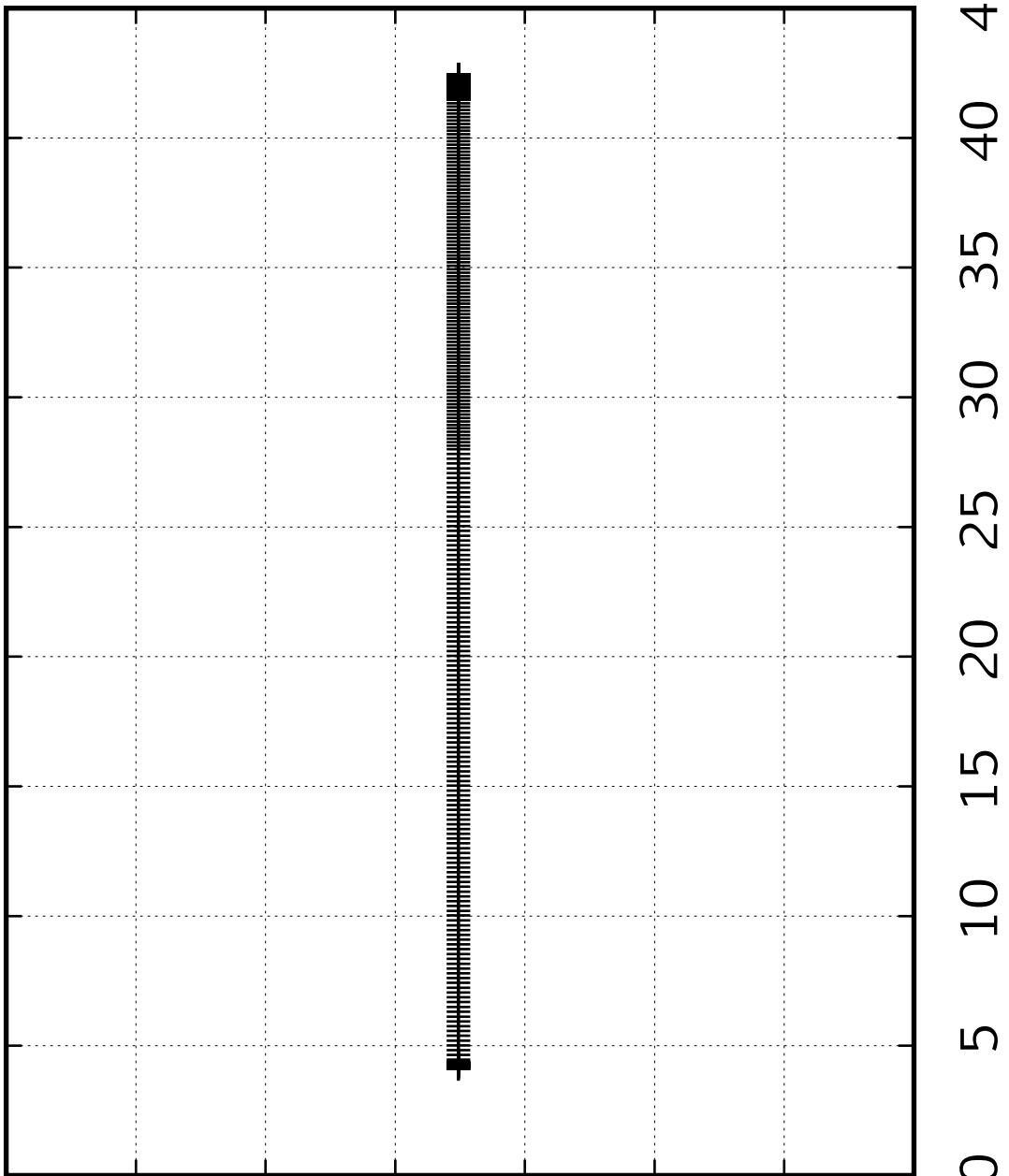
0.00000253

0.00000252

0.00000251

0.00000250

M=9 M_⊙ Z=0.1 smc v=450 km/s



[---] Fe56

$M=9 M_{\odot}$ $Z=0.1$ smc $v=450 \text{ km/s}$

