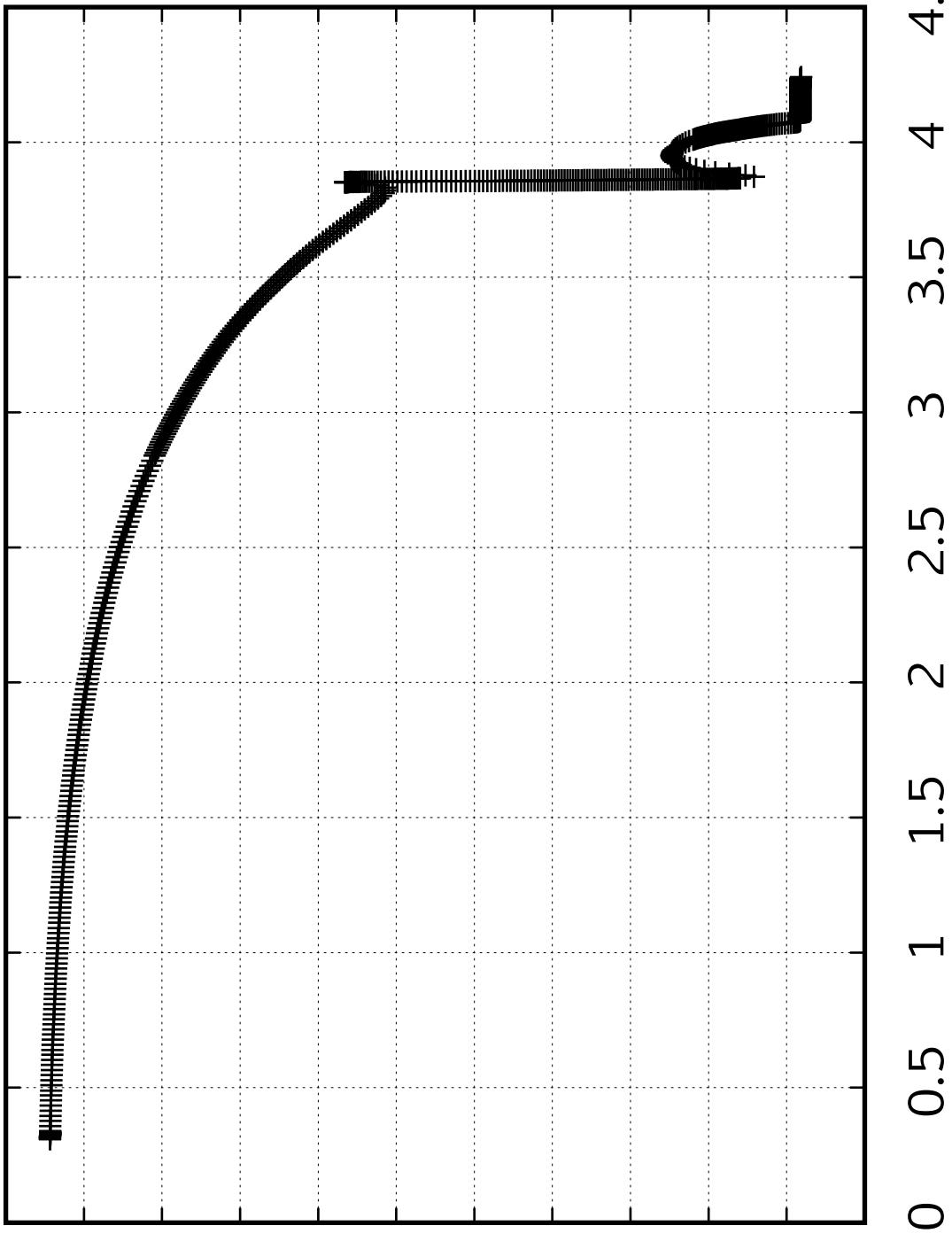


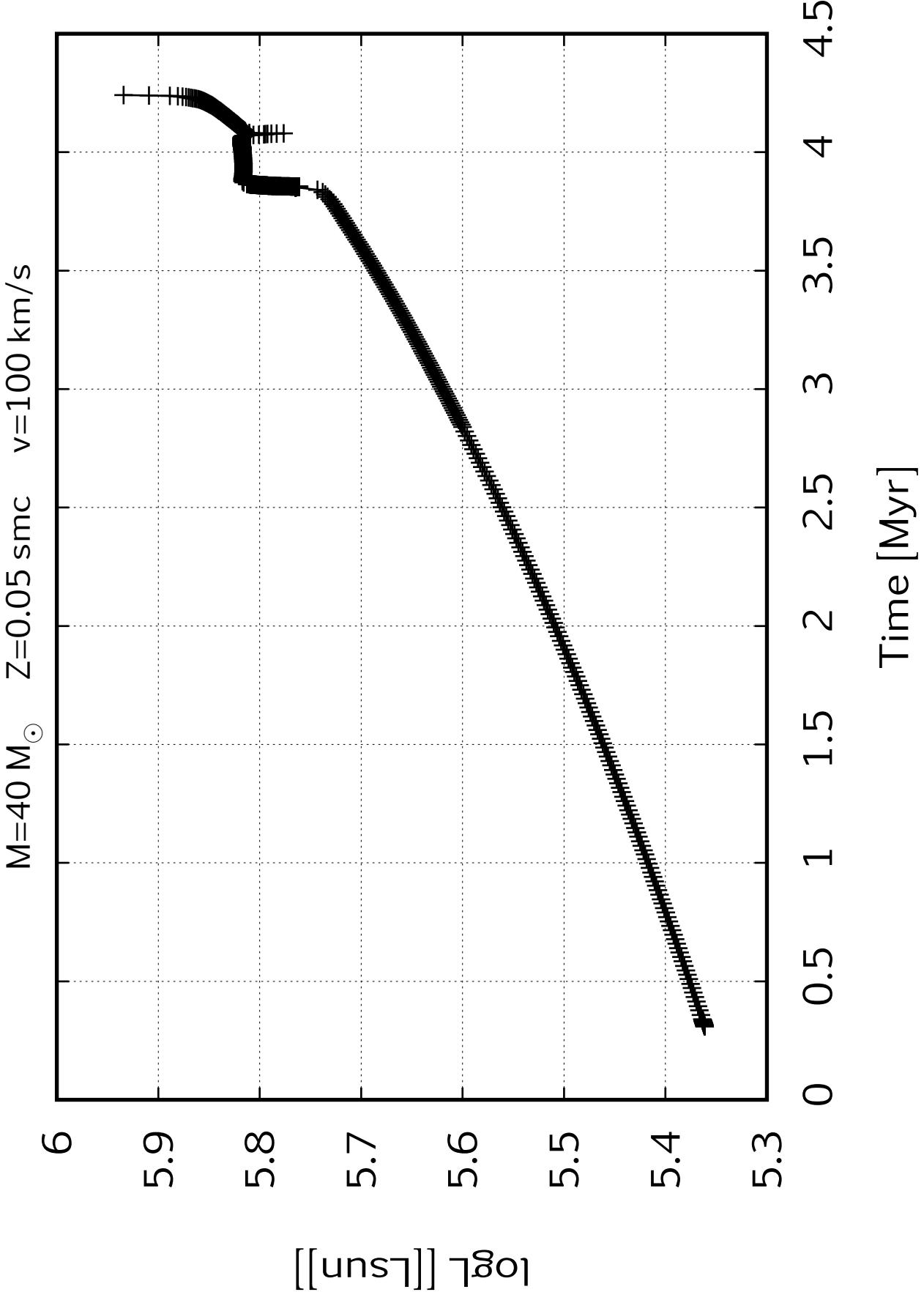
$M=40 M_{\odot}$ $Z=0.05$ smc $v=100$ km/s

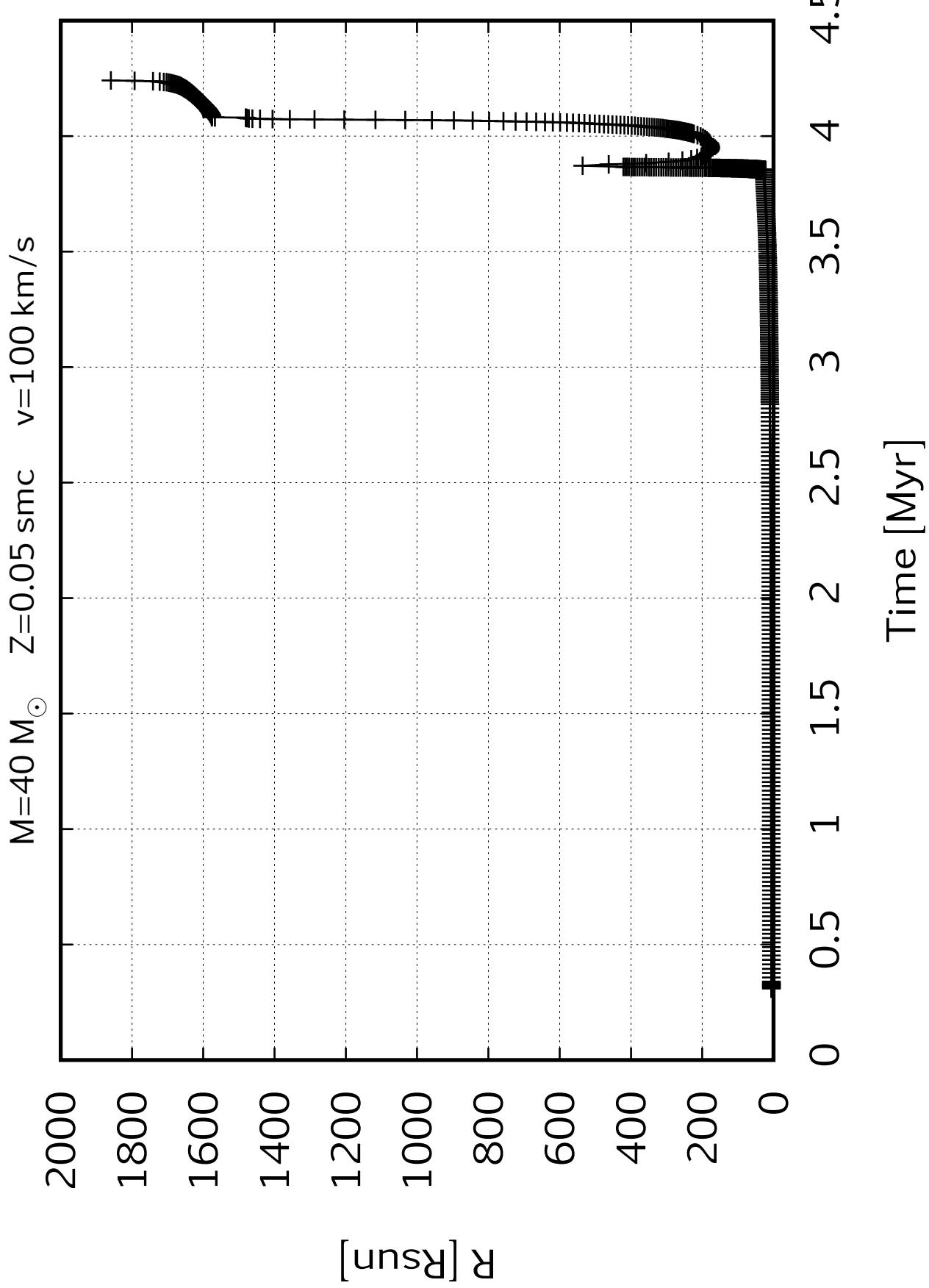
T_{eff} [K]

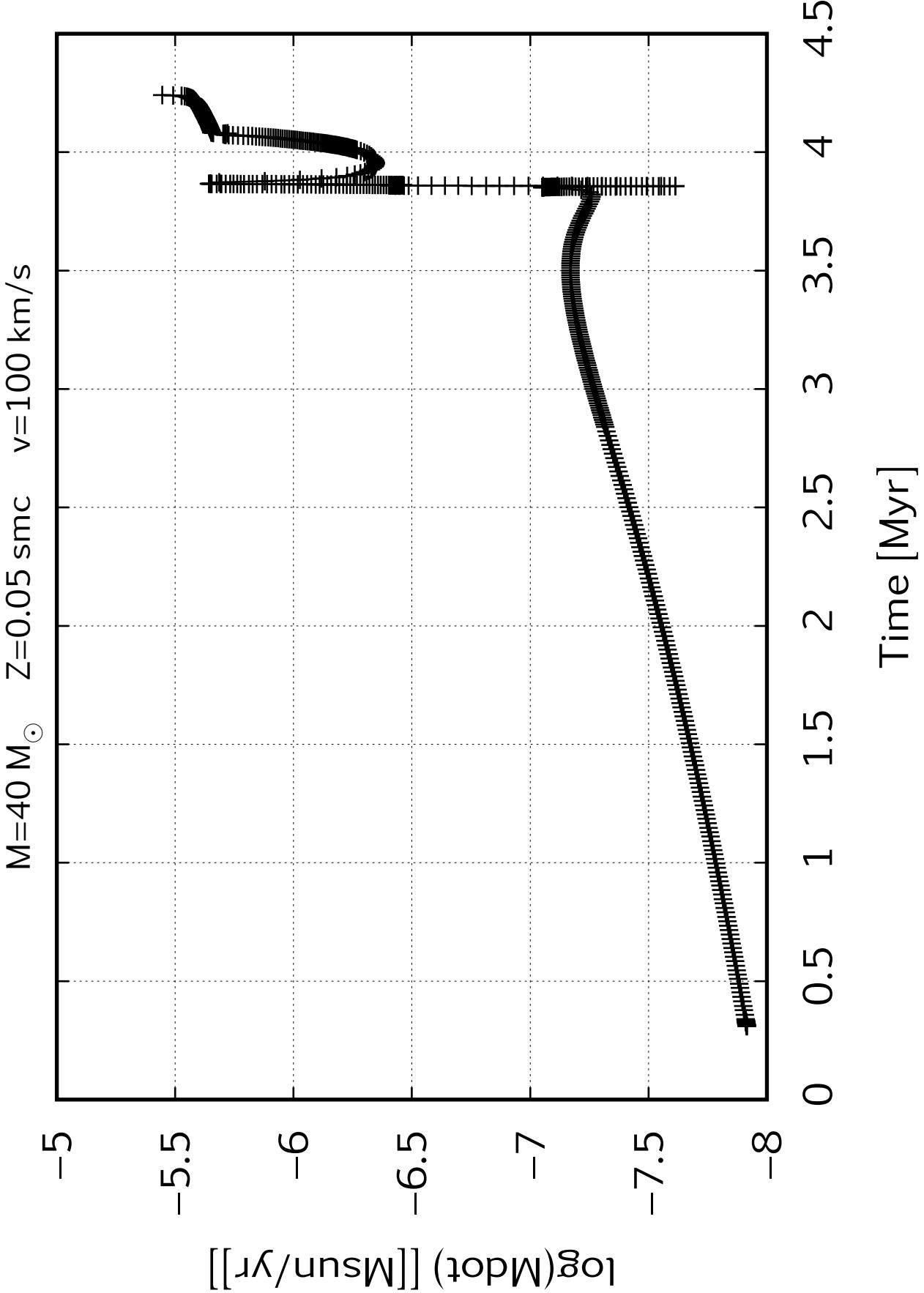
55000
50000
45000
40000
35000
30000
25000
20000
15000
10000
5000
0

Time [Myr]

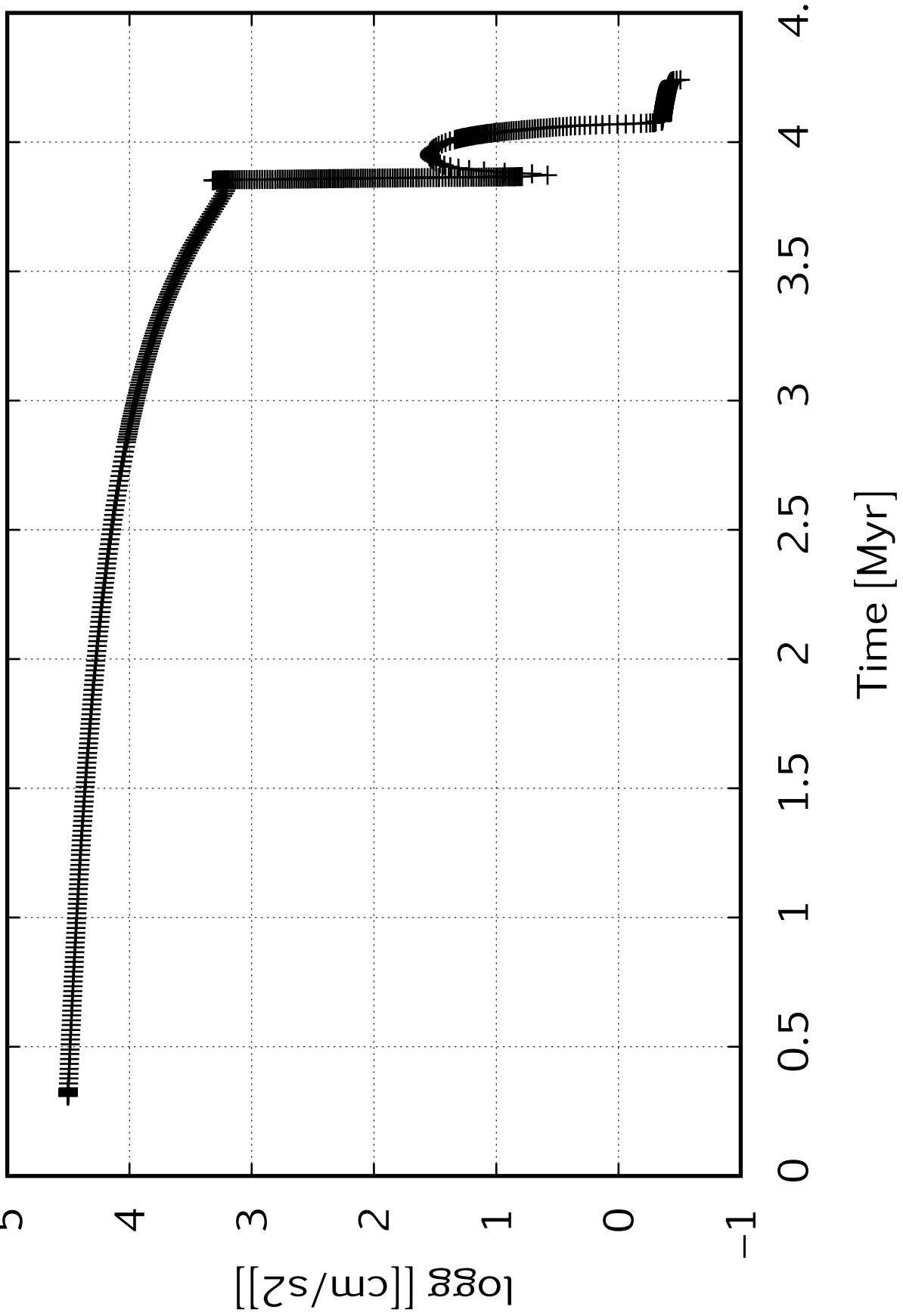


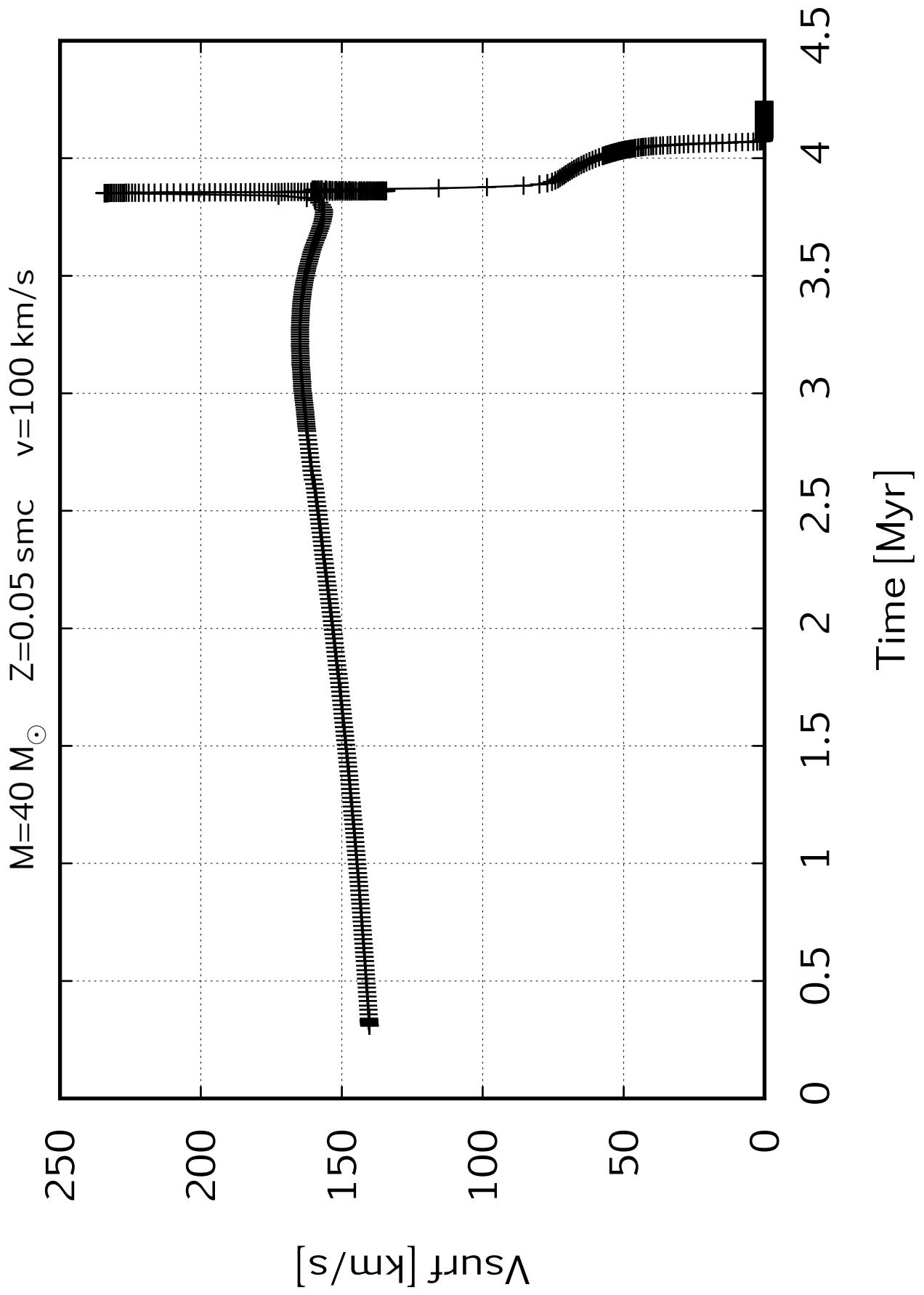


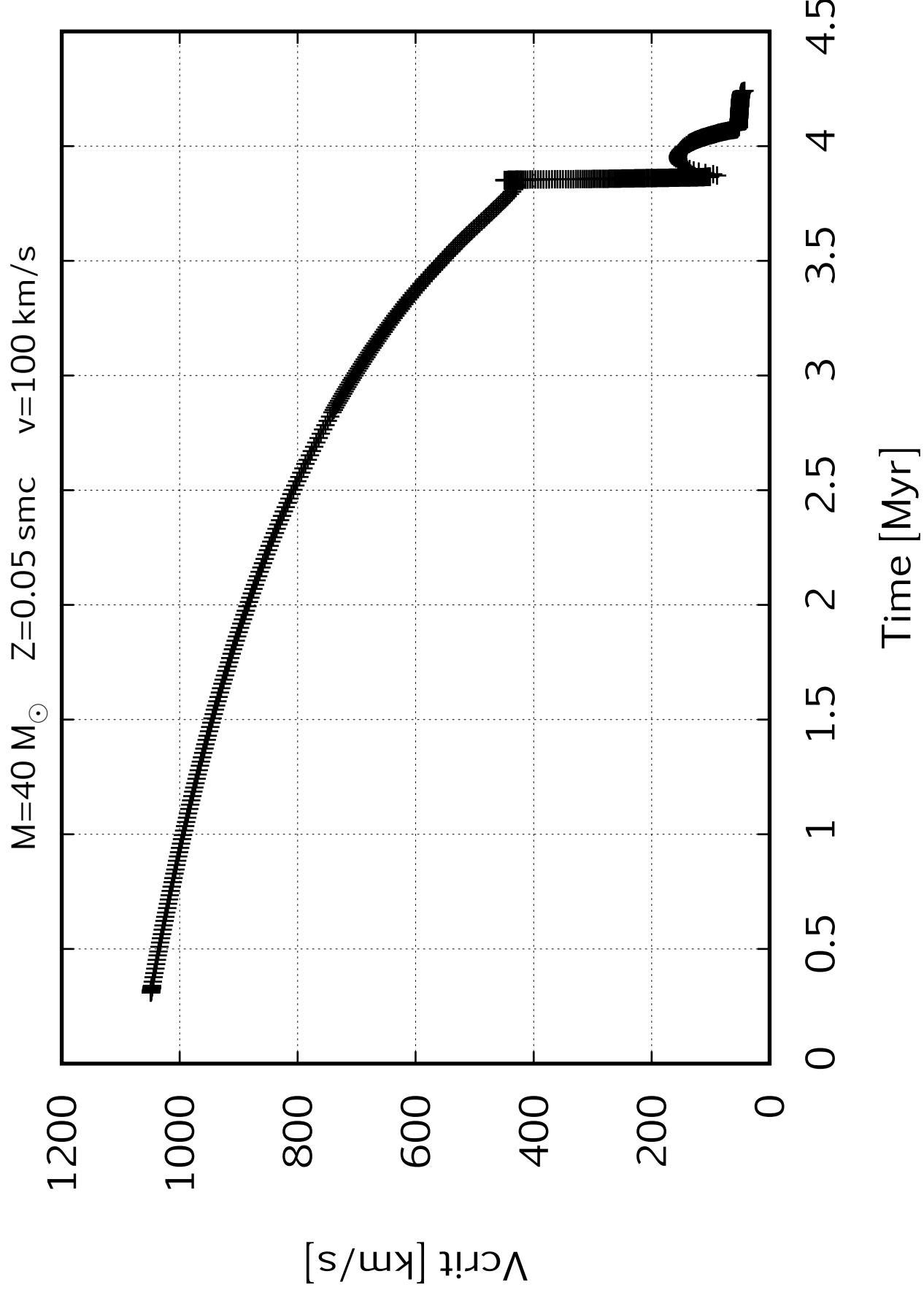


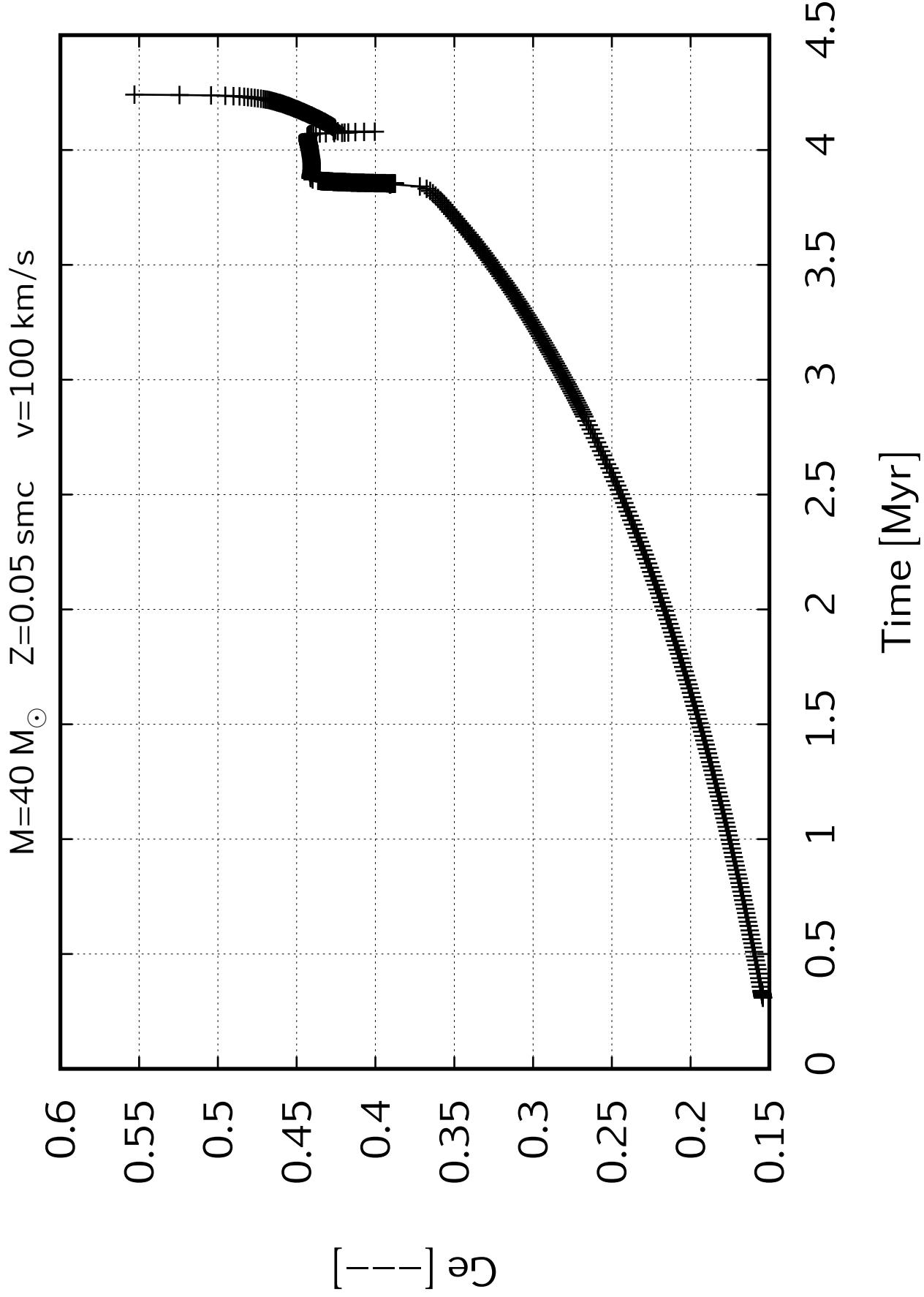


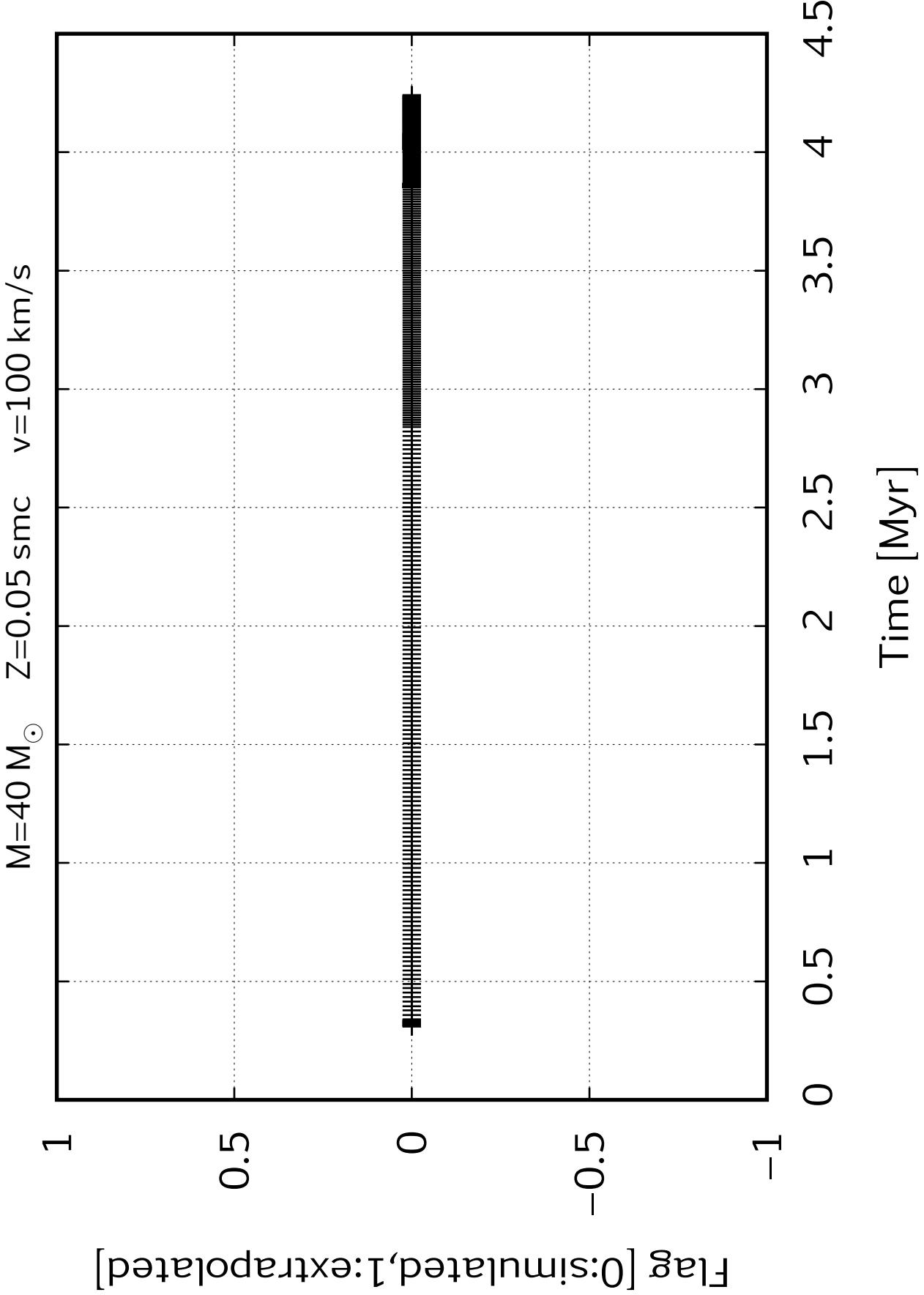
$M=40 M_{\odot}$ $Z=0.05$ smc $v=100$ km/s











$M=40 M_{\odot}$ $Z=0.05$ smc $v=100$ km/s

12.15

12.1

12.05

12

11.95

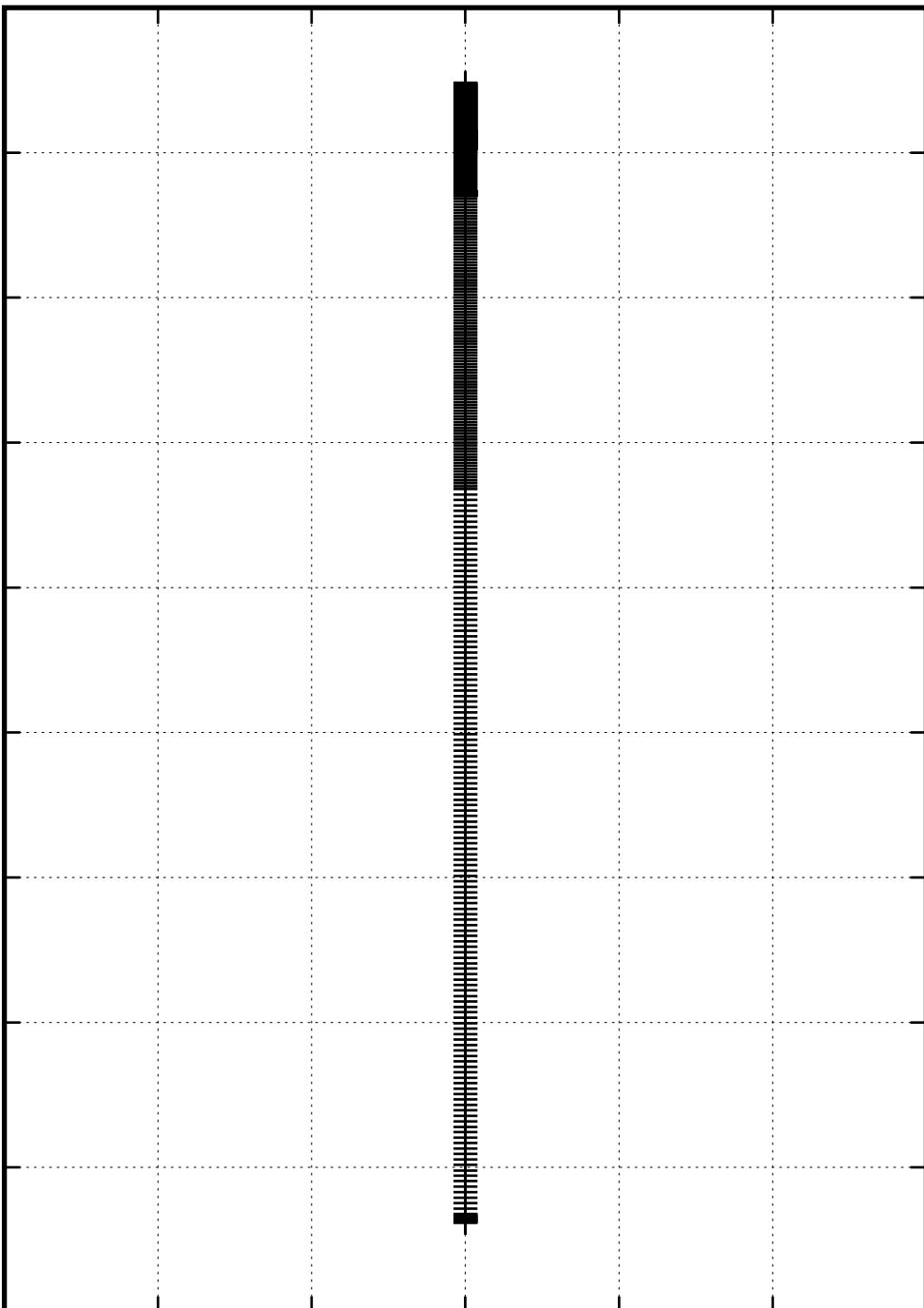
11.9

11.85

0 0.5 1 1.5 2 2.5 3 3.5 4 4.5

Time [Myr]

[---] (H) e_{Ds}



$M=40 M_{\odot}$ Z=0.05 smc $v=100$ km/s

11.15

11.1

11.05

11

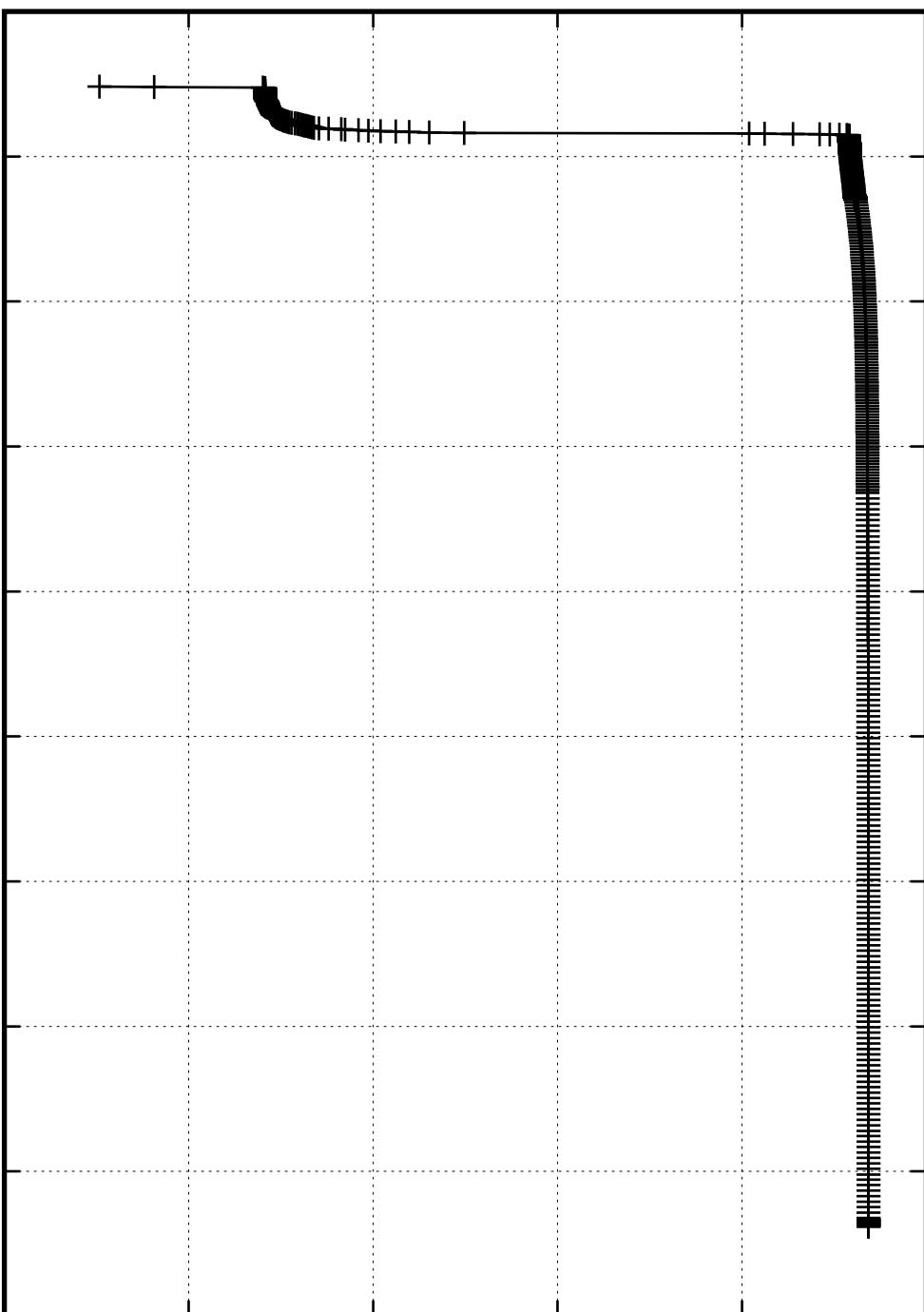
10.95

10.9

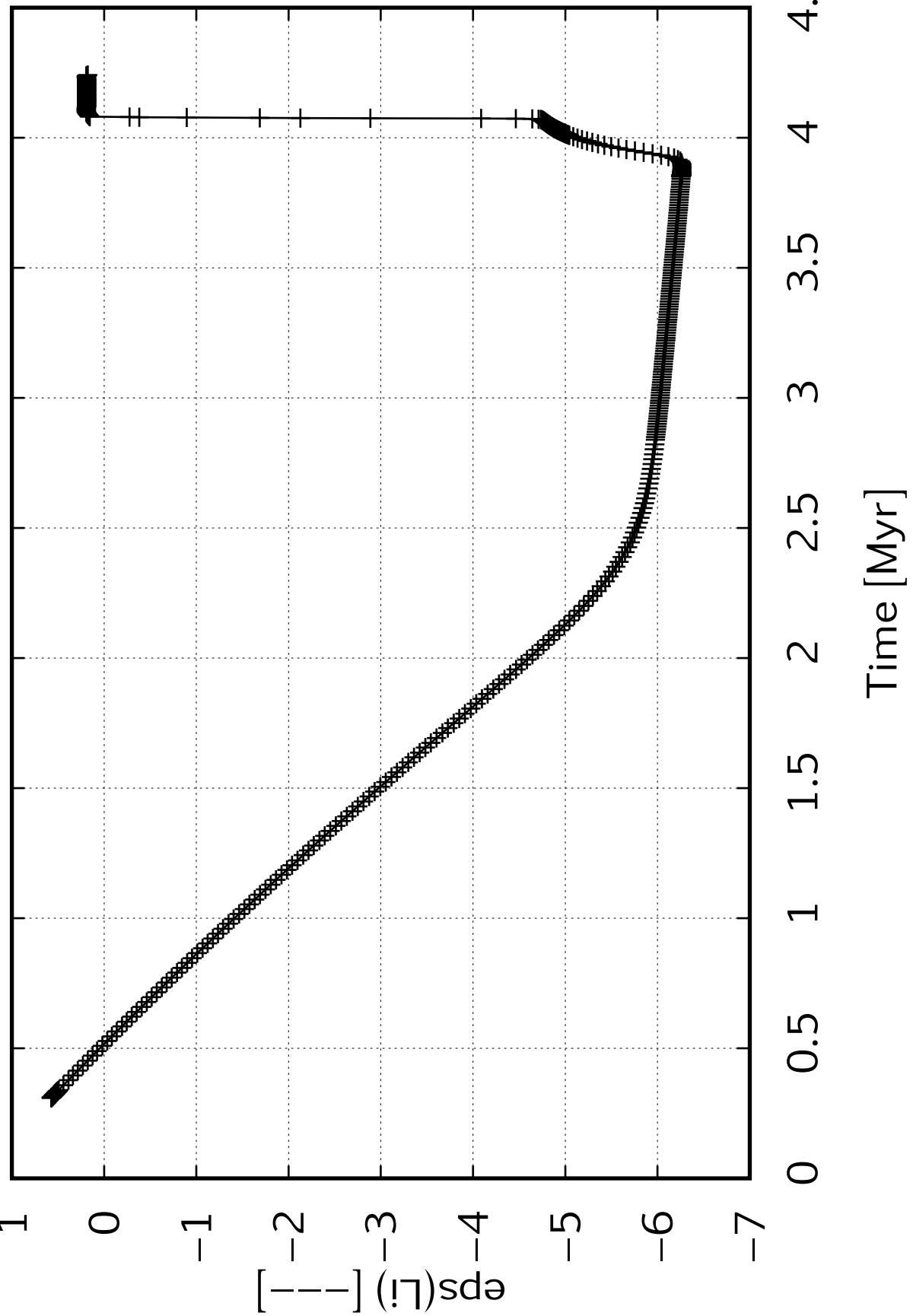
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5

Time [Myr]

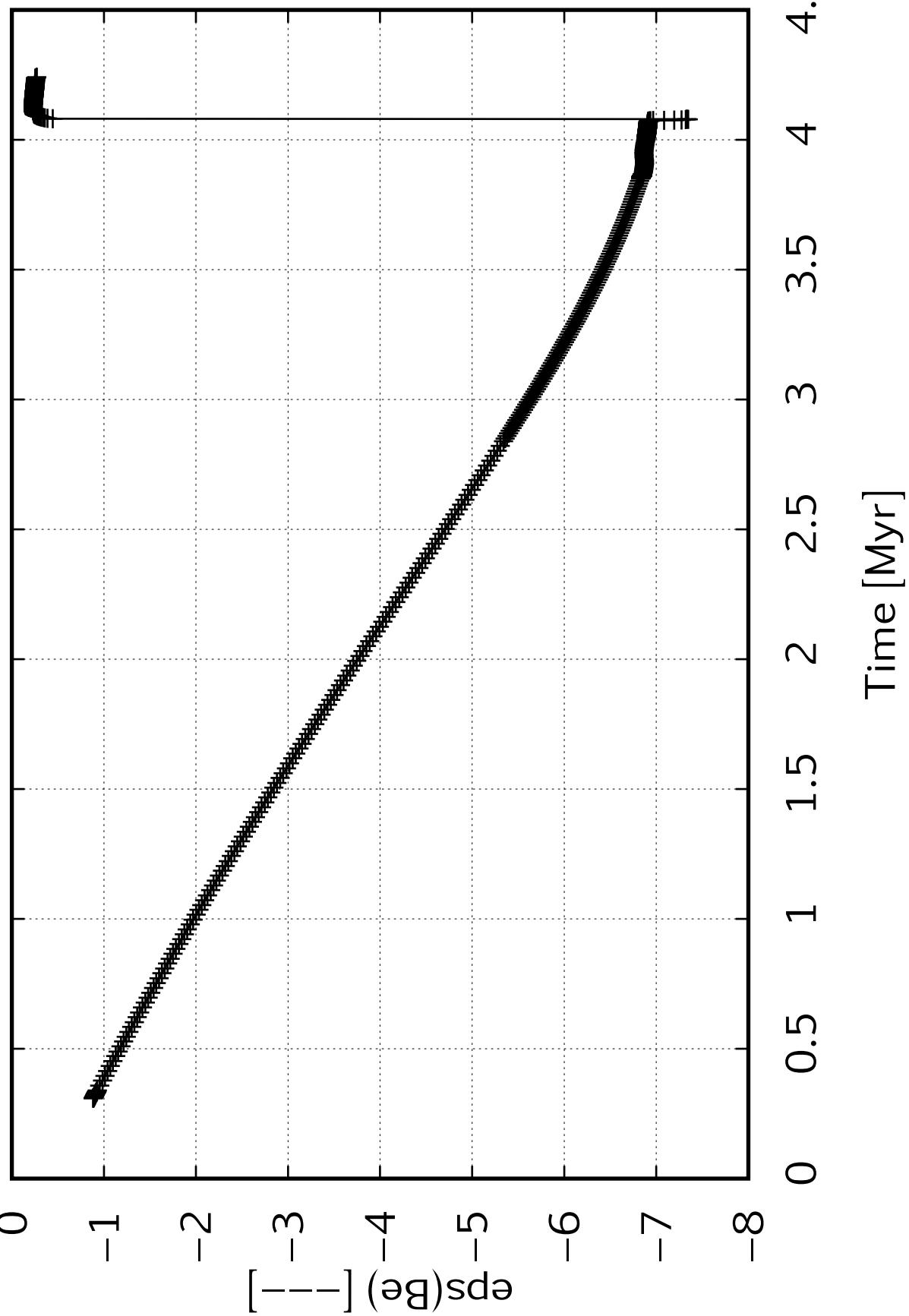
[---] $\epsilon ps(He)$

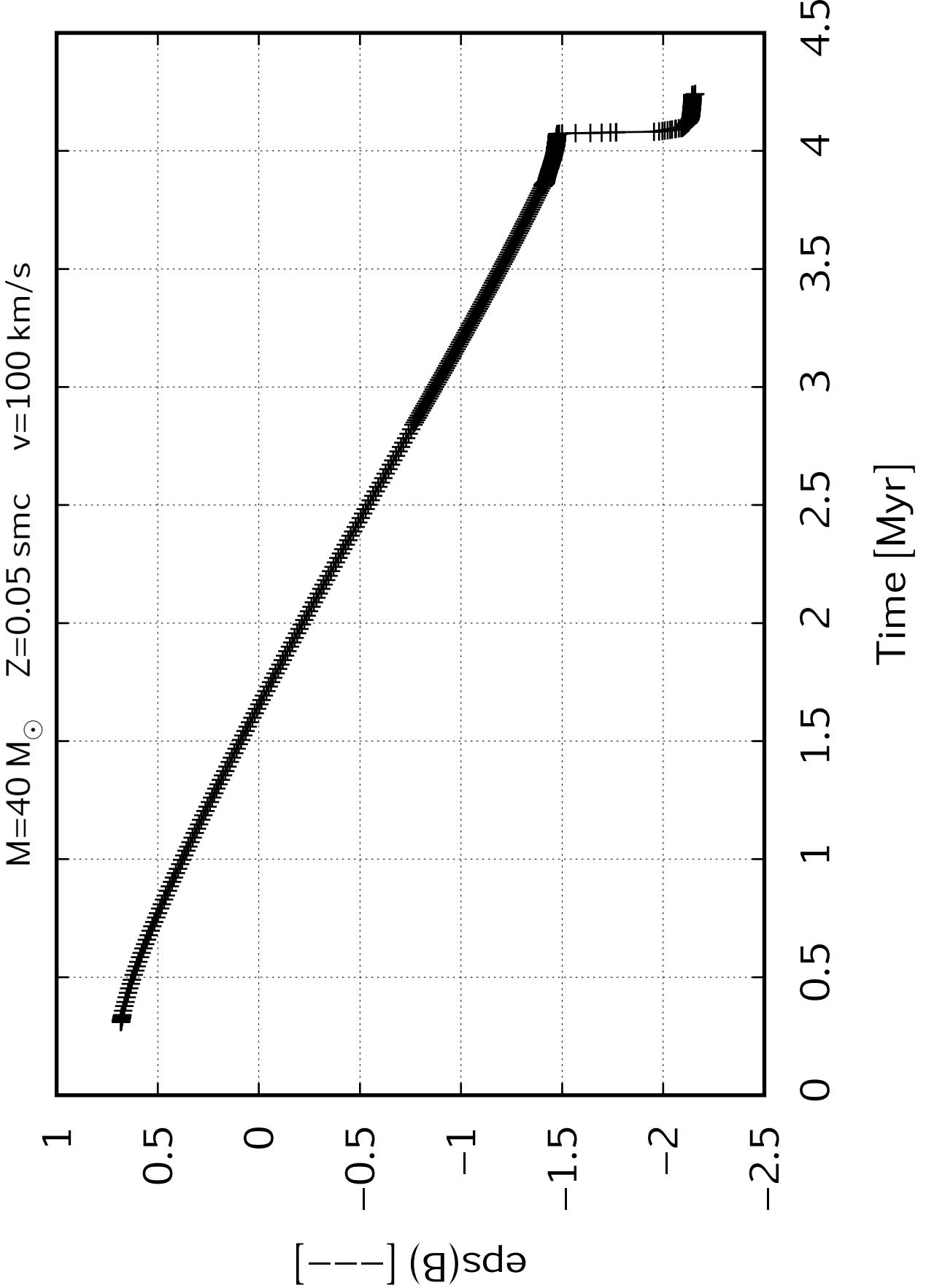


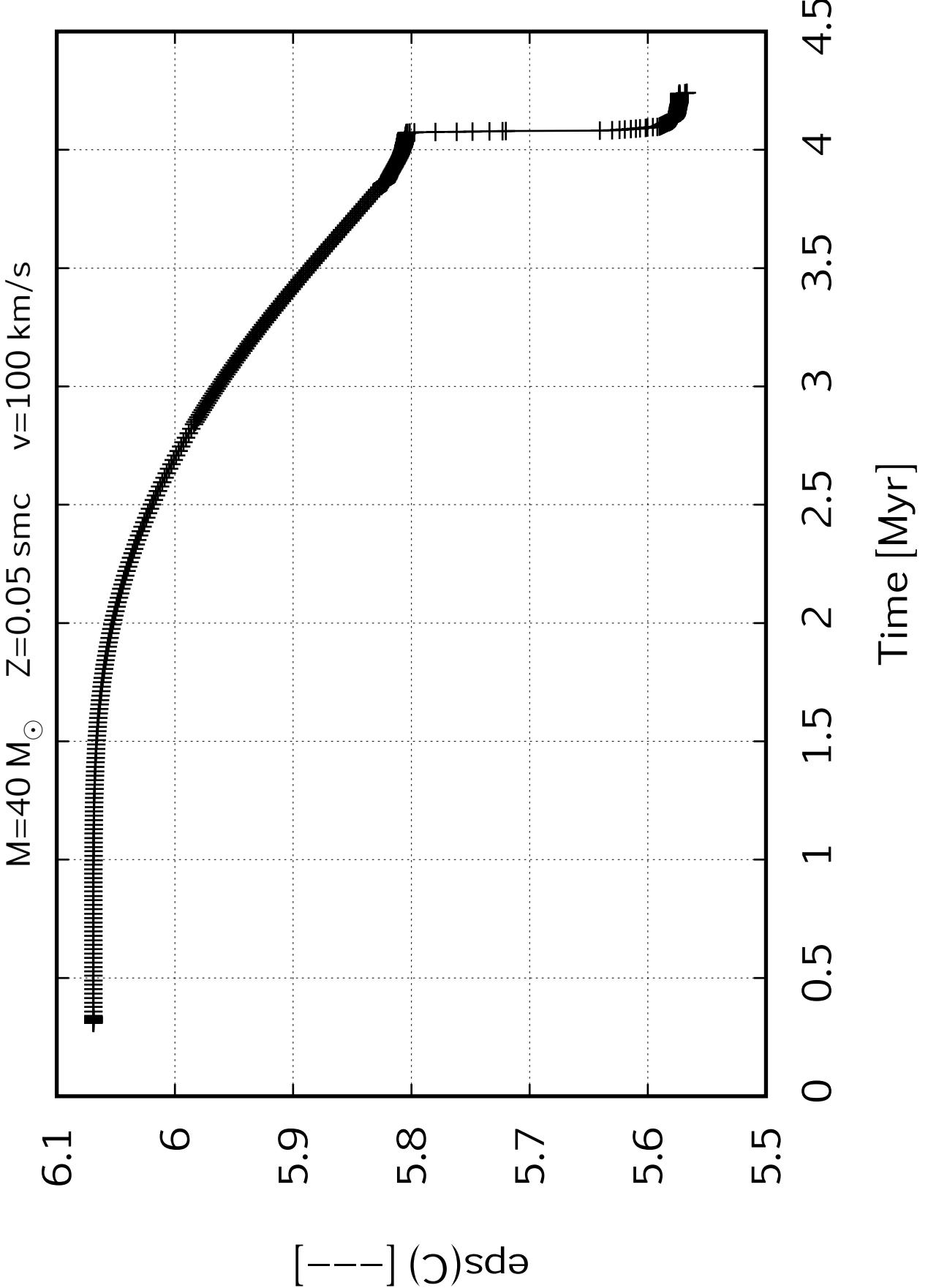
$M=40 M_{\odot}$ $Z=0.05$ smc $v=100$ km/s



$M=40 M_{\odot}$ $Z=0.05$ smc $v=100$ km/s







$M=40 M_{\odot}$ Z=0.05 smc $v=100$ km/s

0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

#

6.6

6.4

6.2

6

5.8

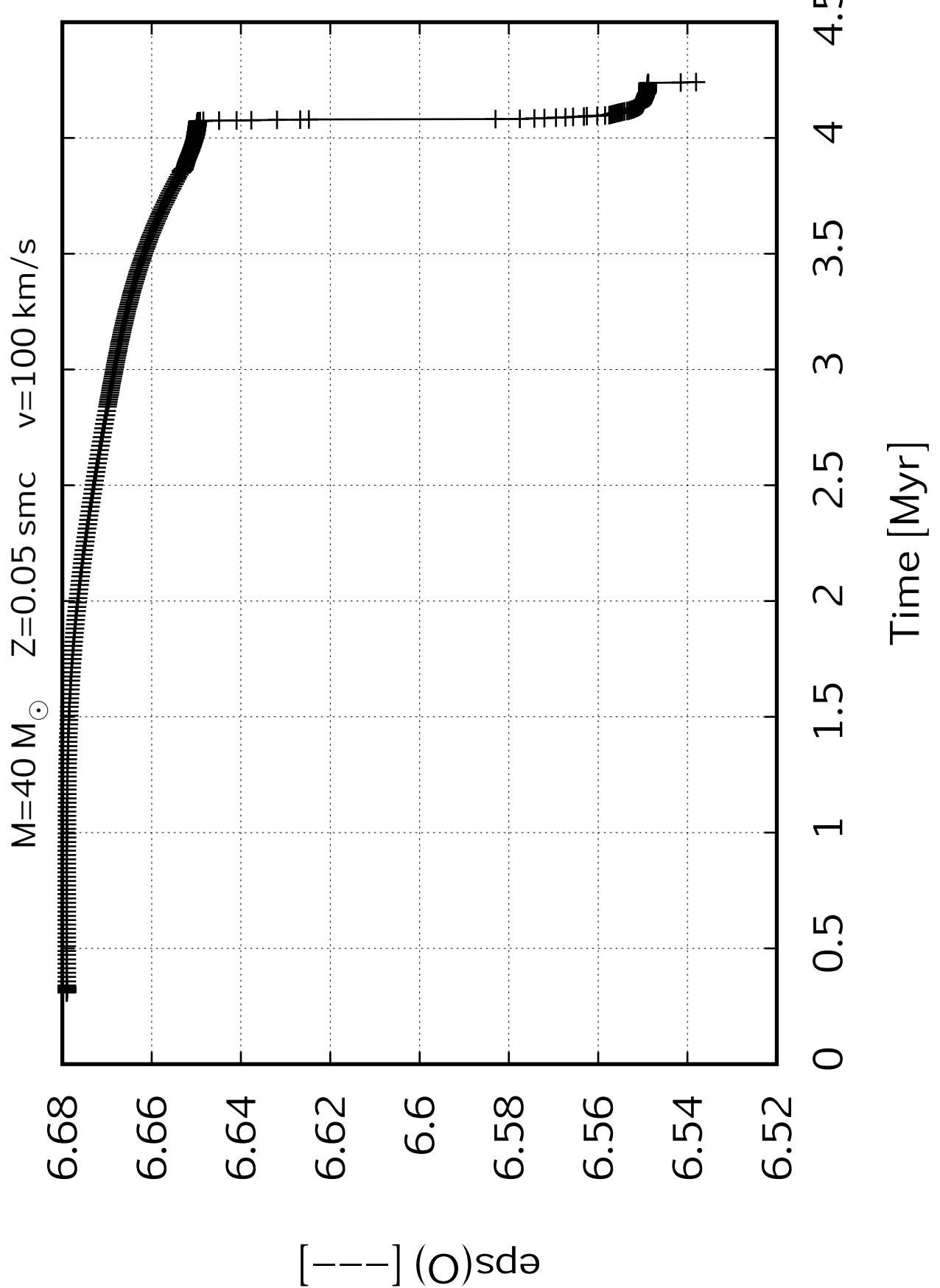
5.6

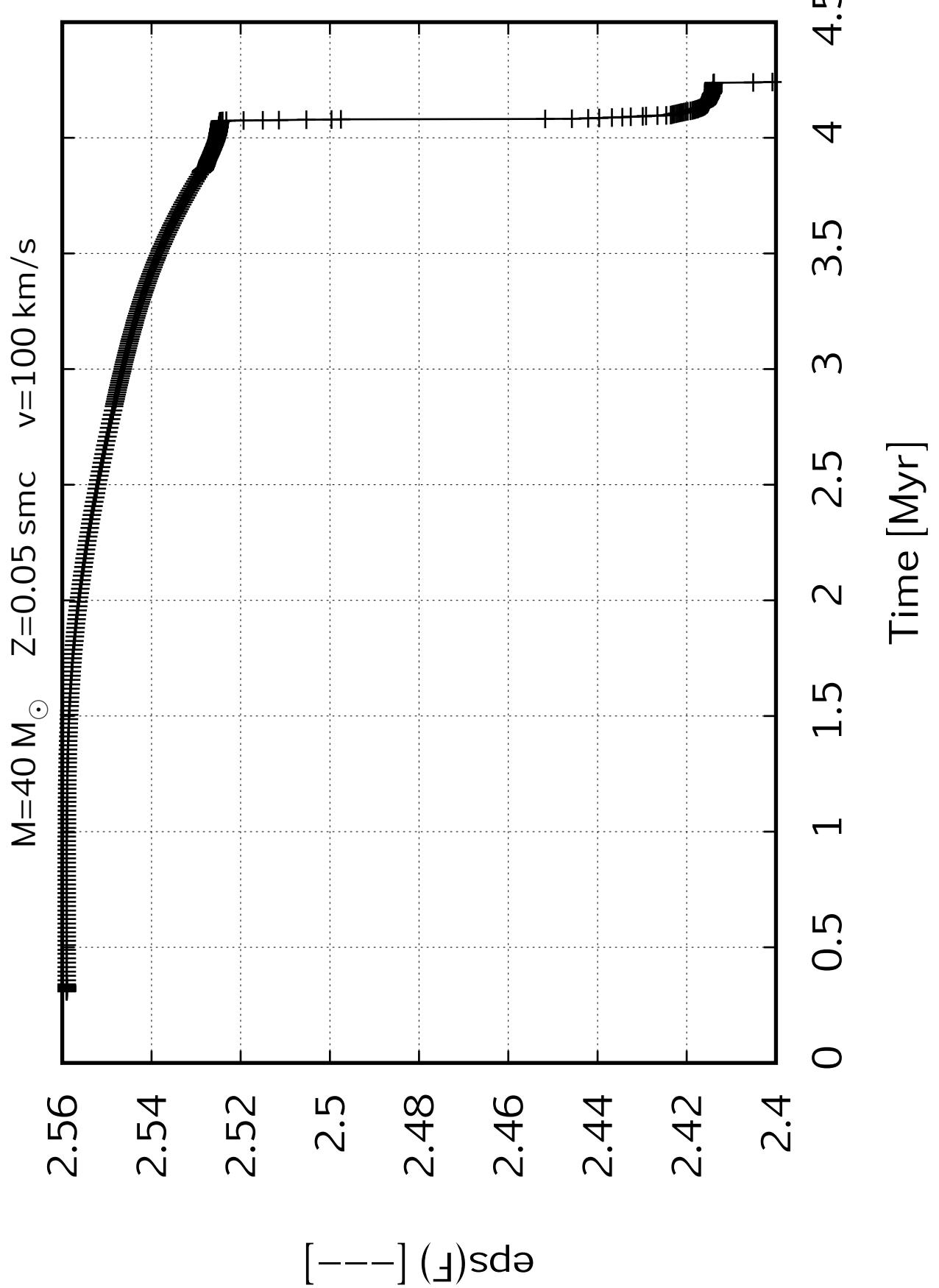
5.4

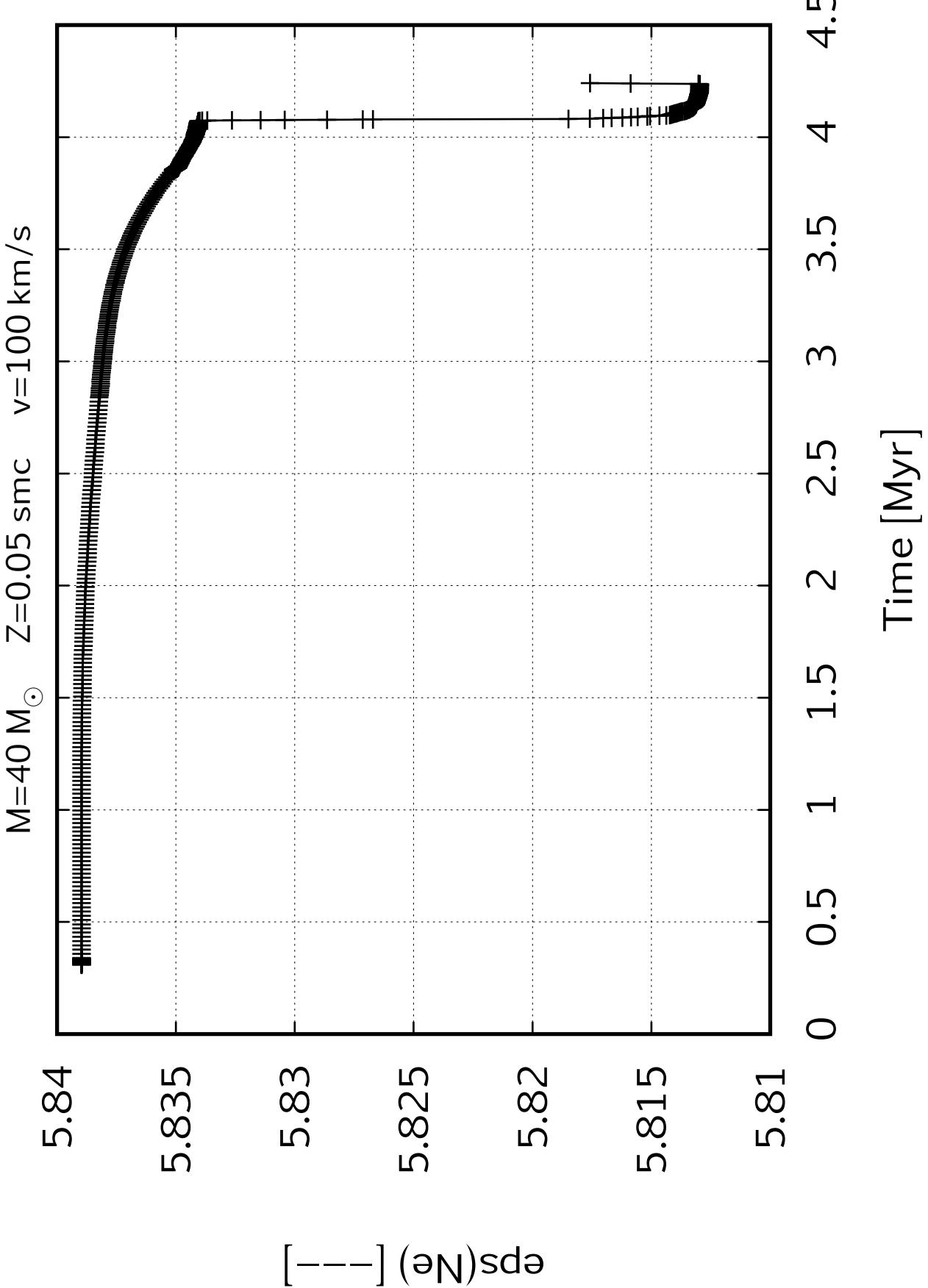
5.2

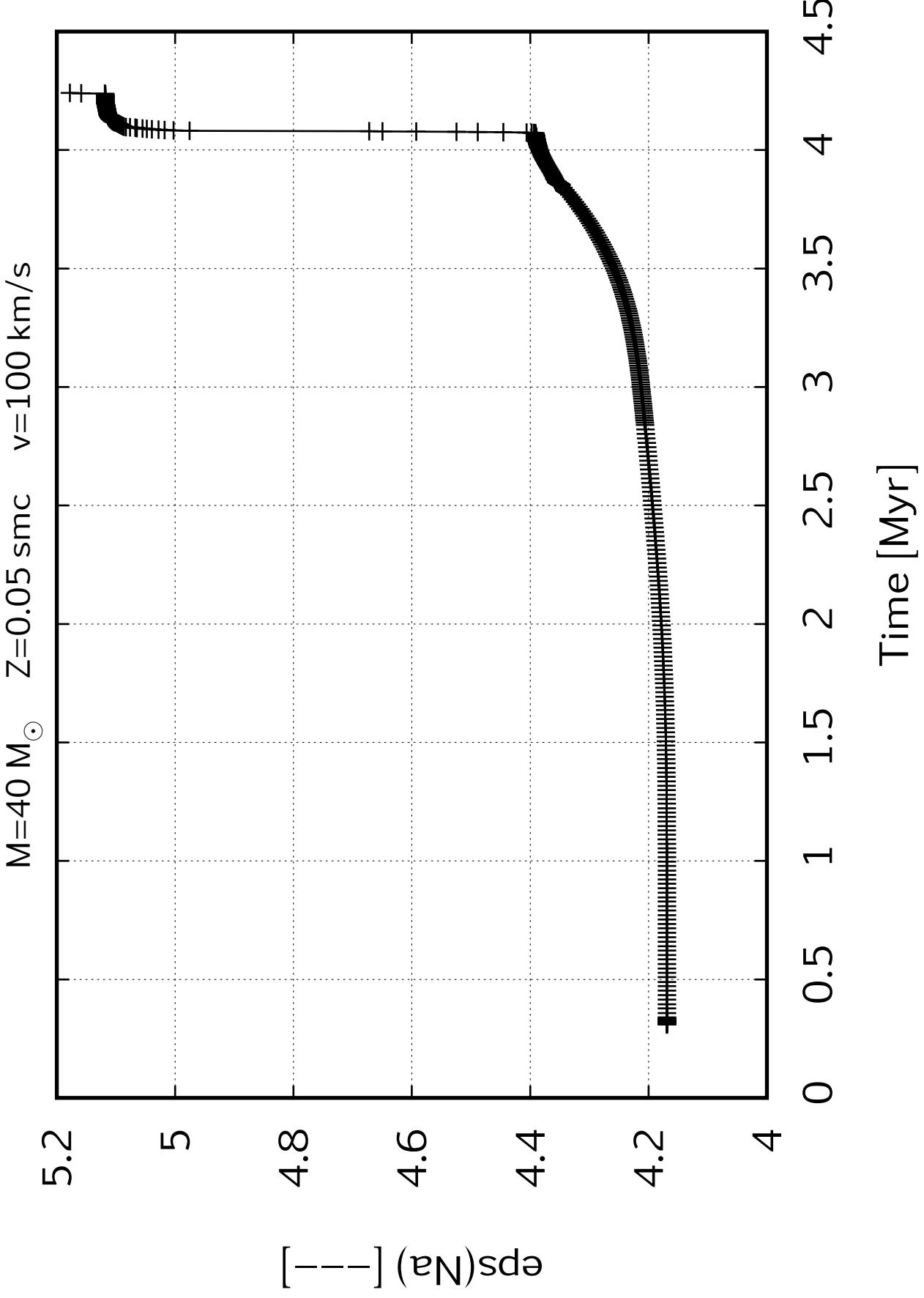
5

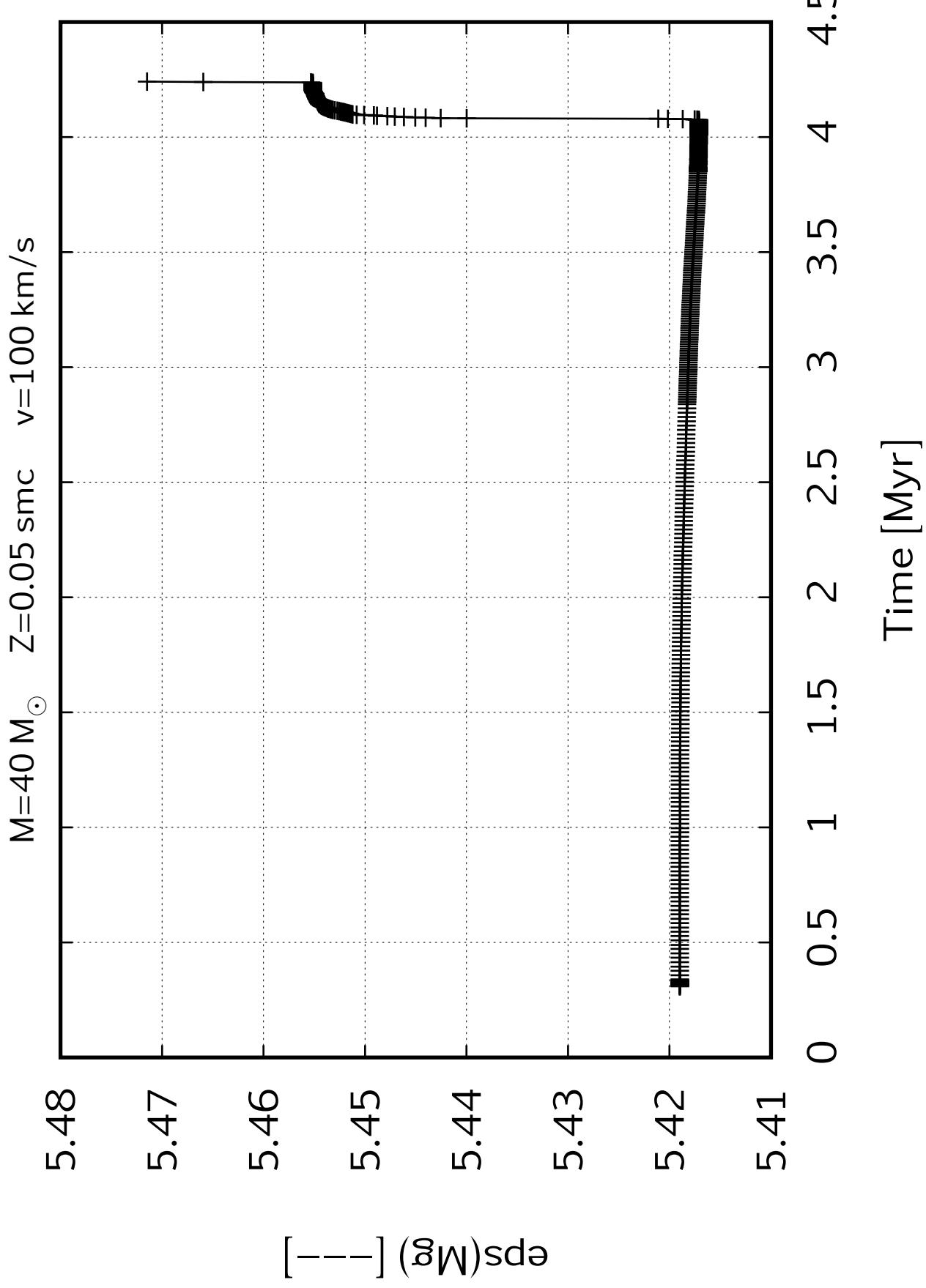
[---] (N)eps

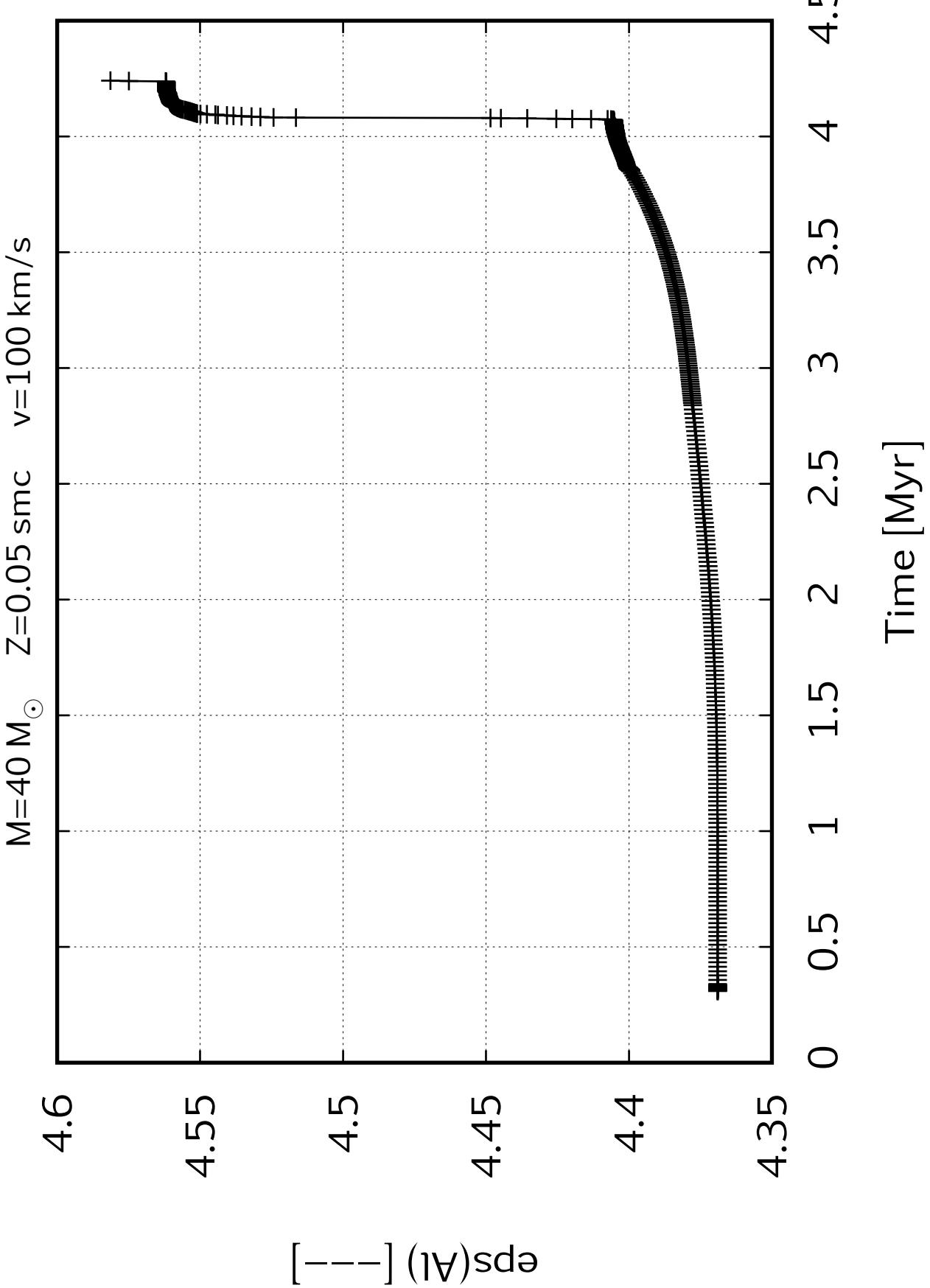


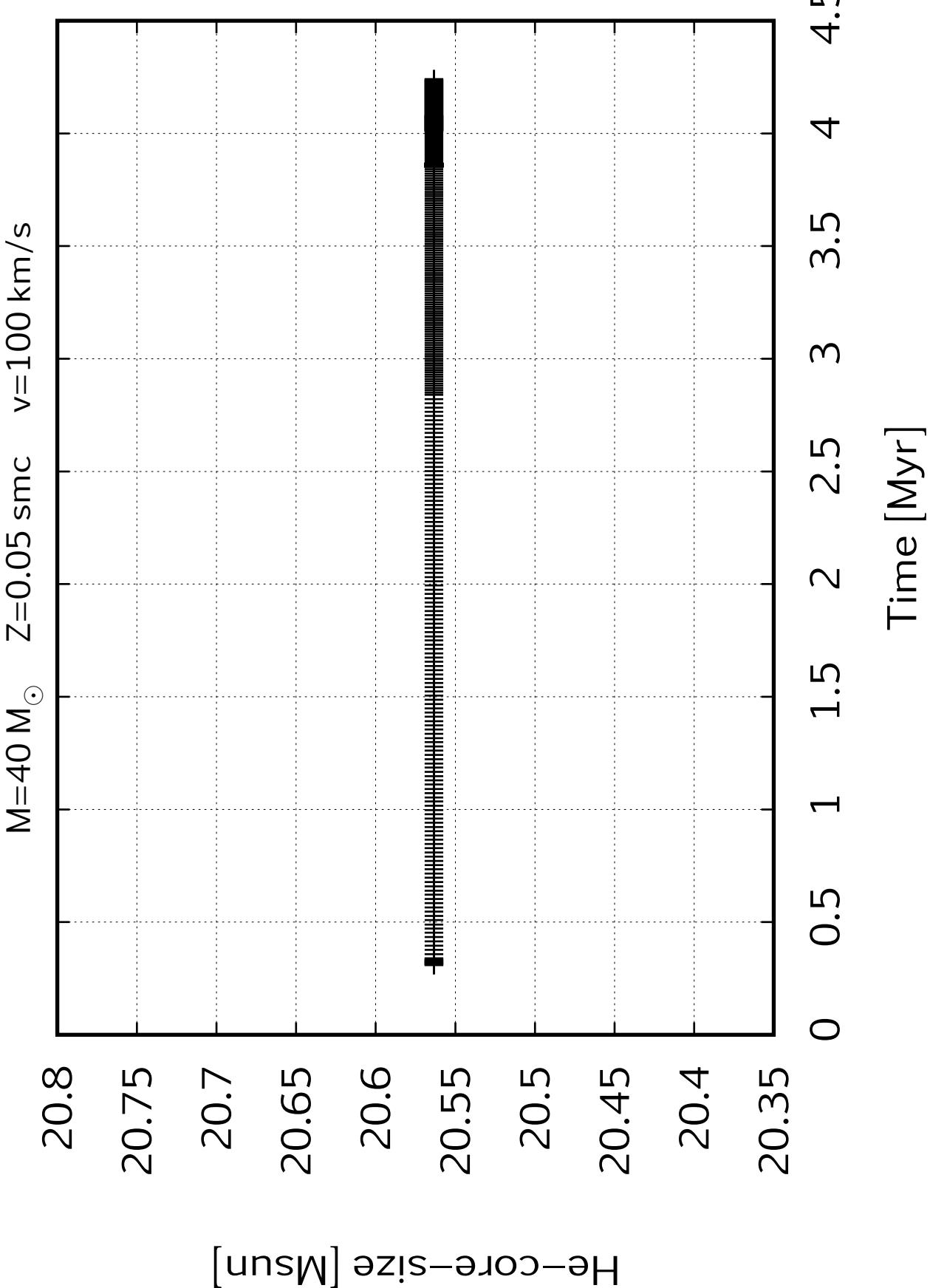












$M=40 M_{\odot}$ $Z=0.05$ smc $v=100$ km/s

17.4

17.35

17.3

17.25

17.2

17.15

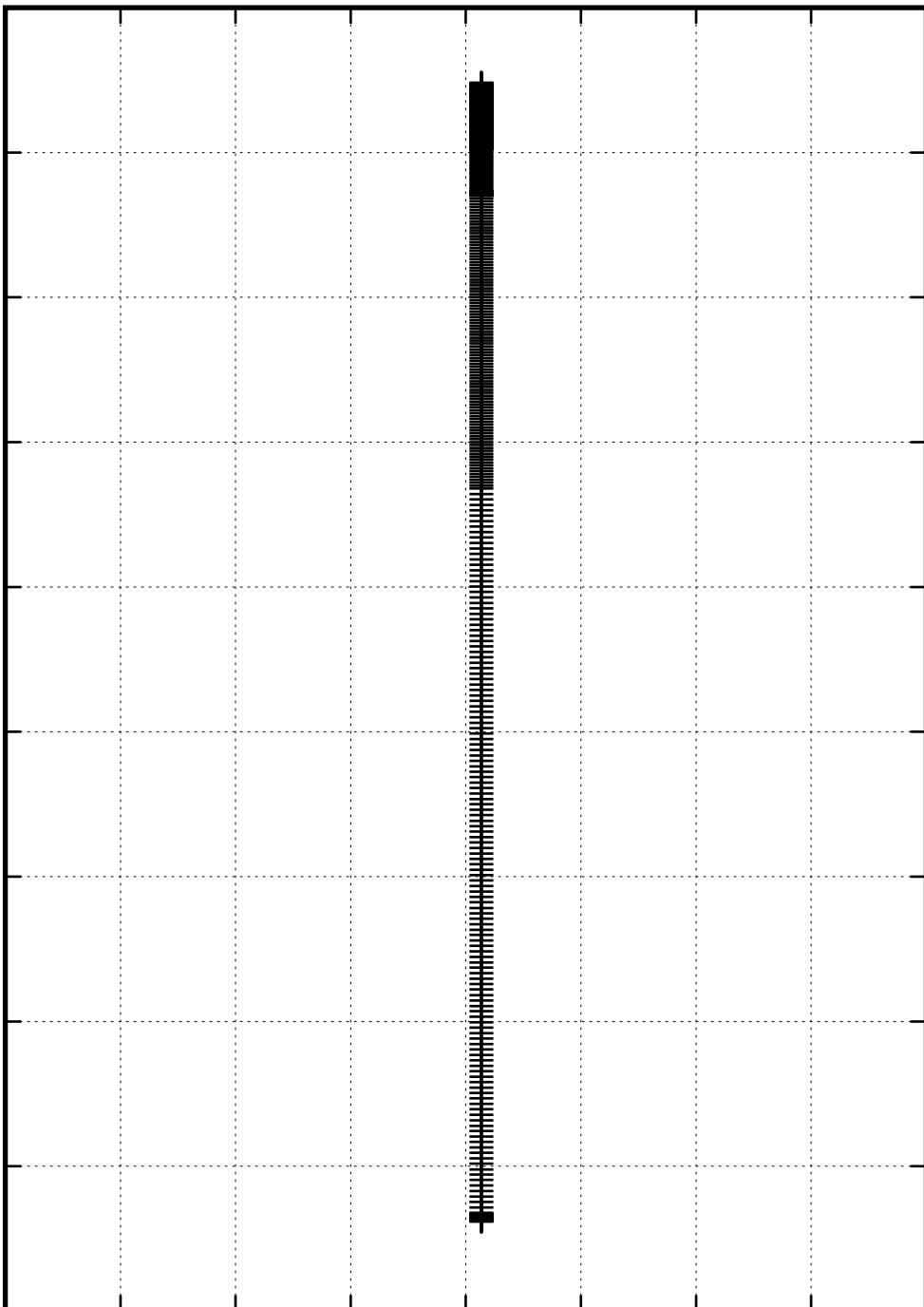
17.1

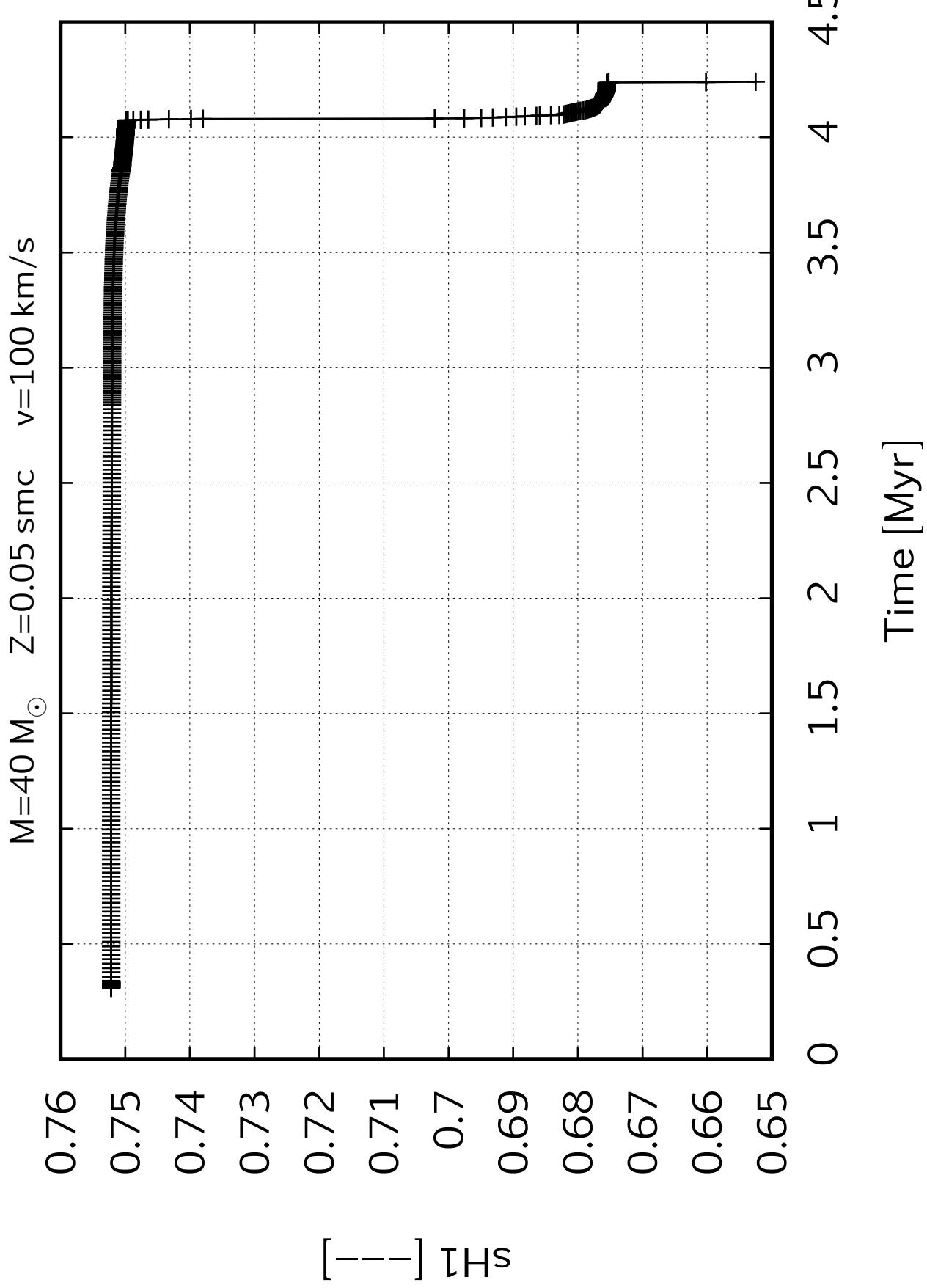
17.05

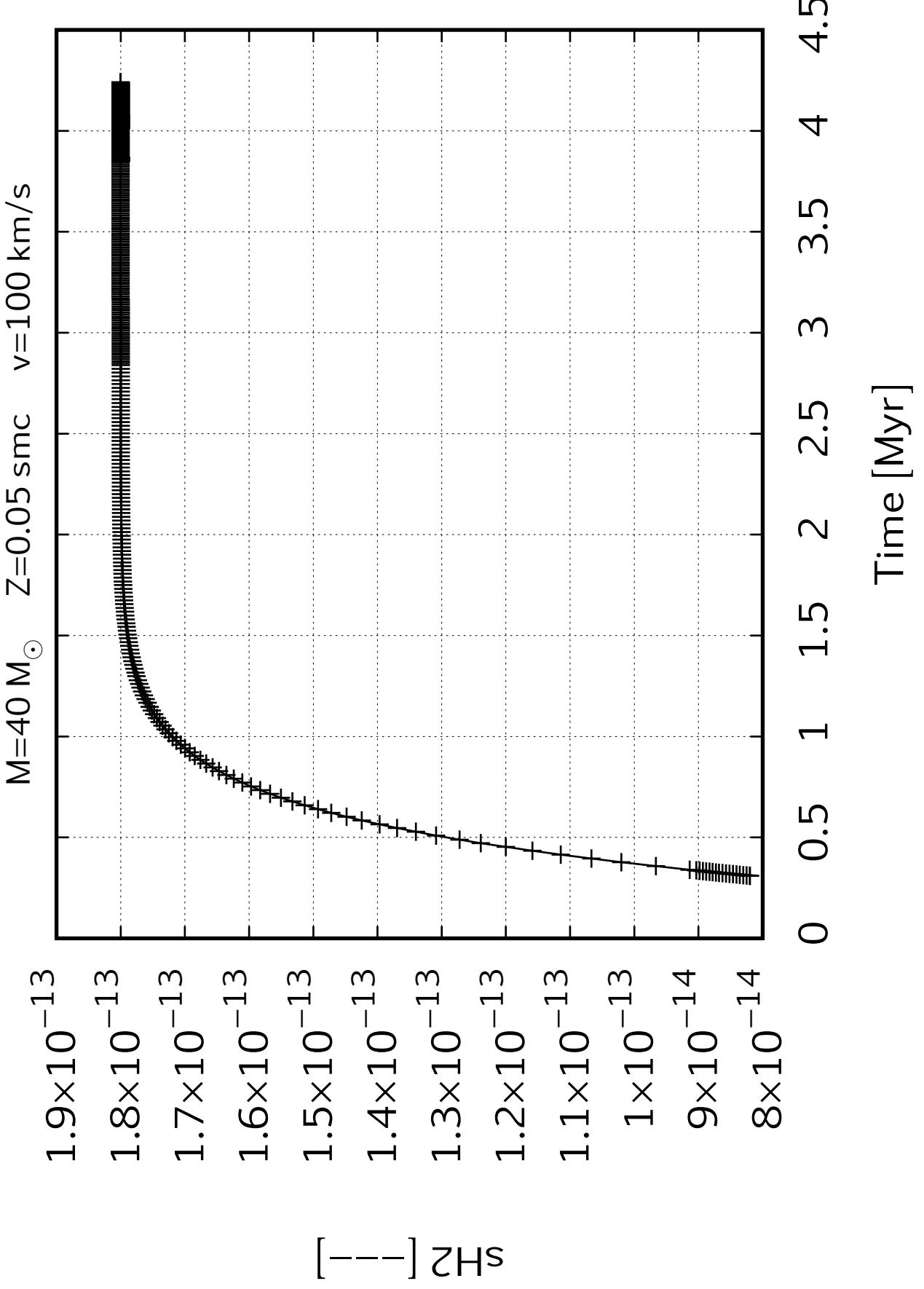
17

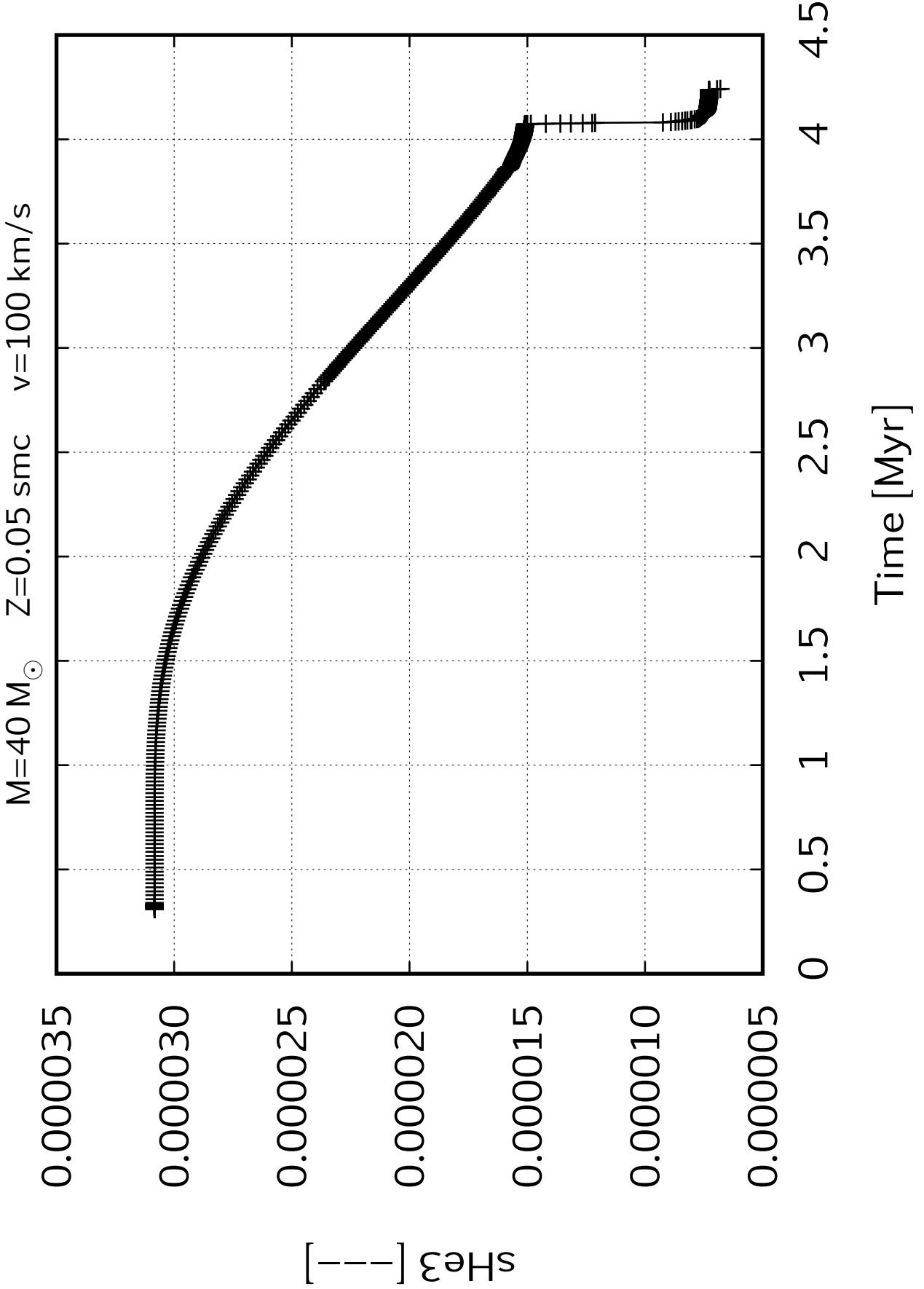
CO-core-size [M_{Sun}]

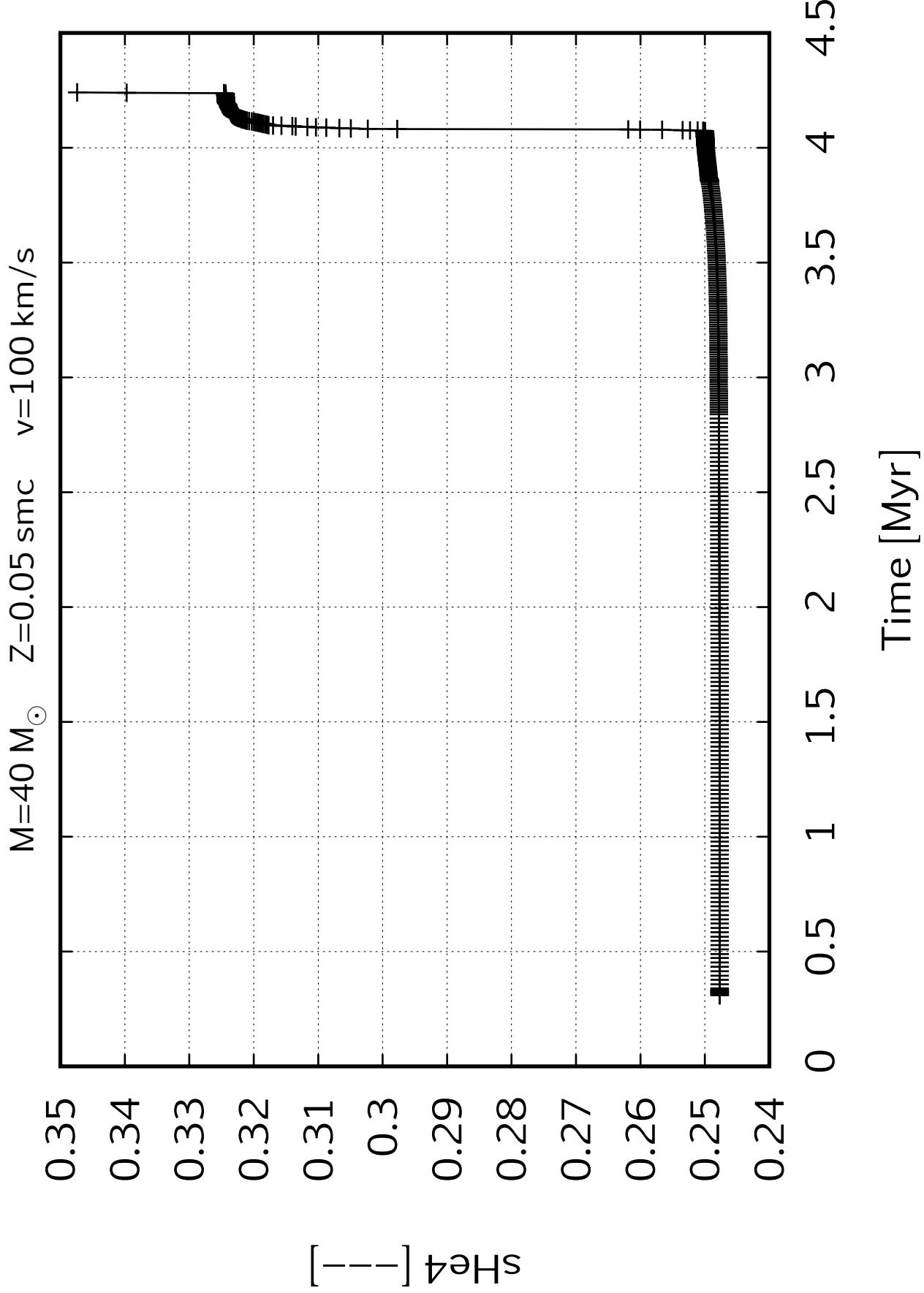
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

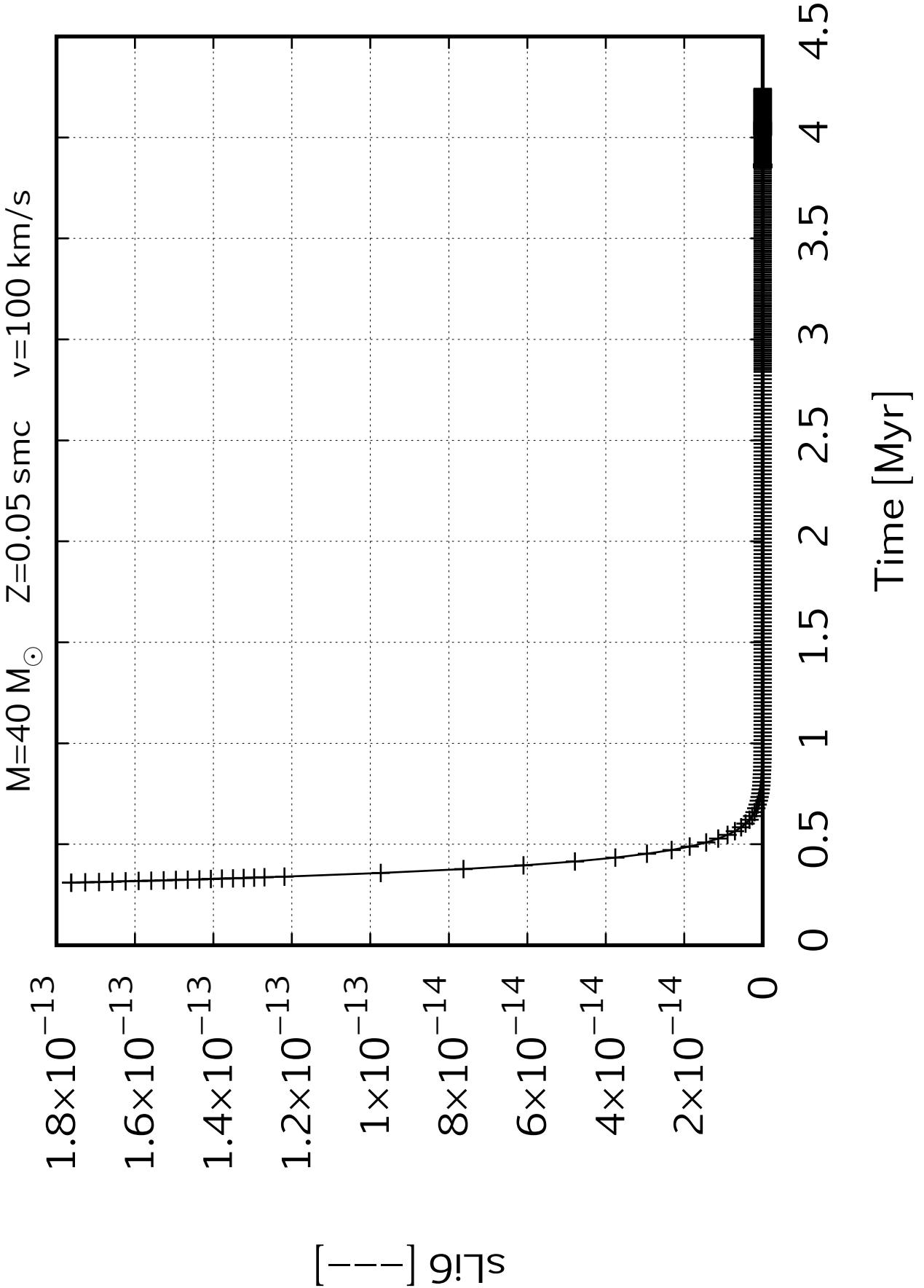


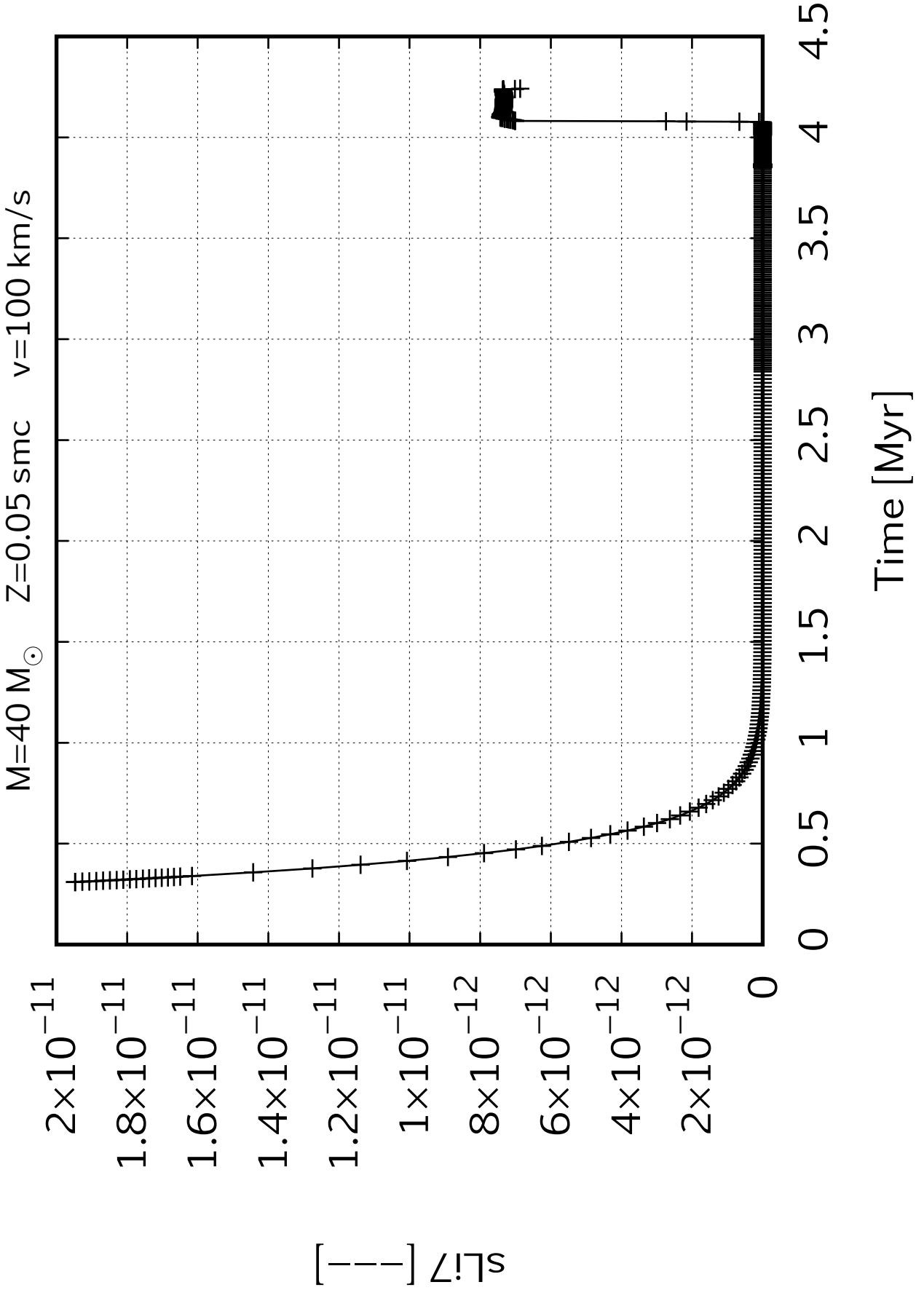


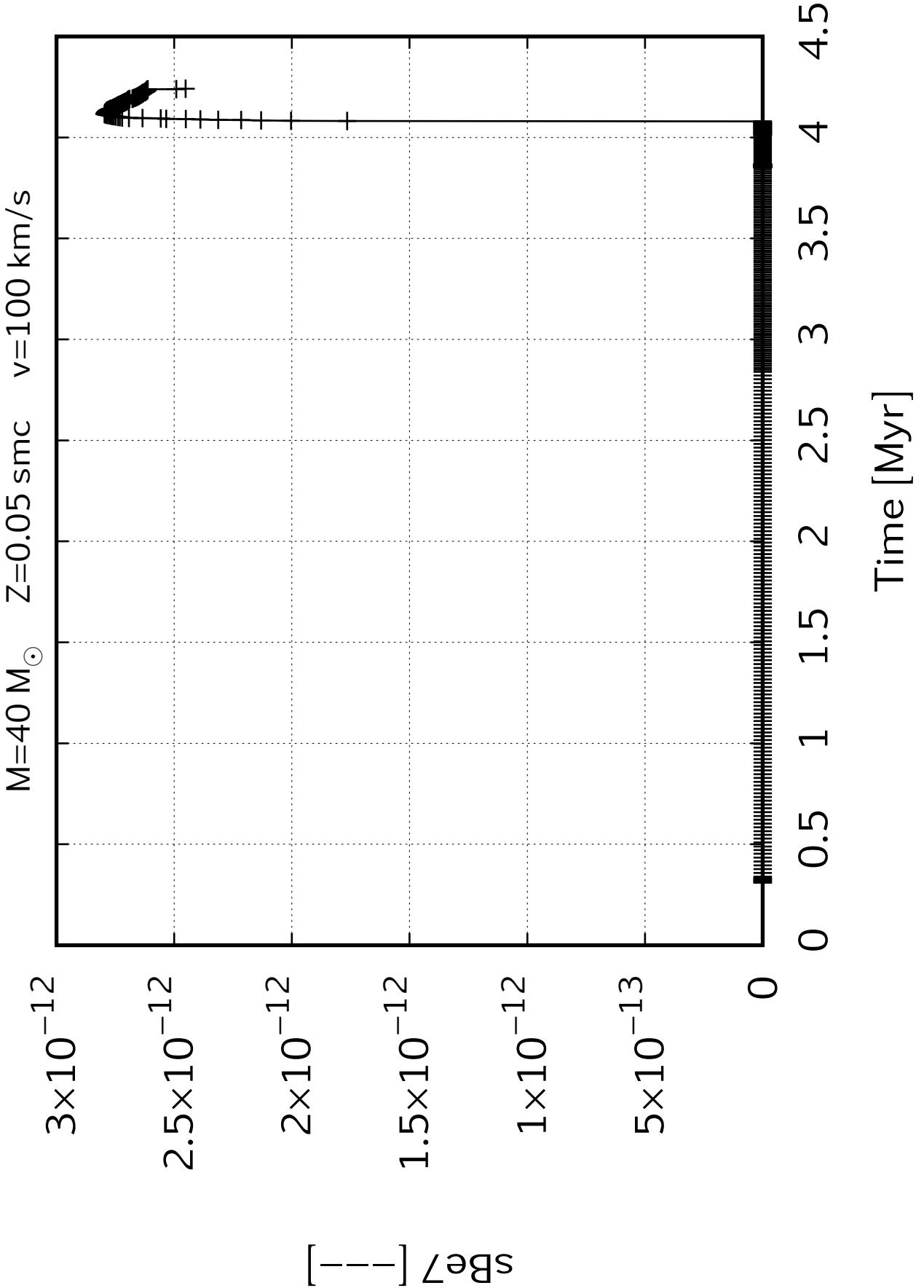


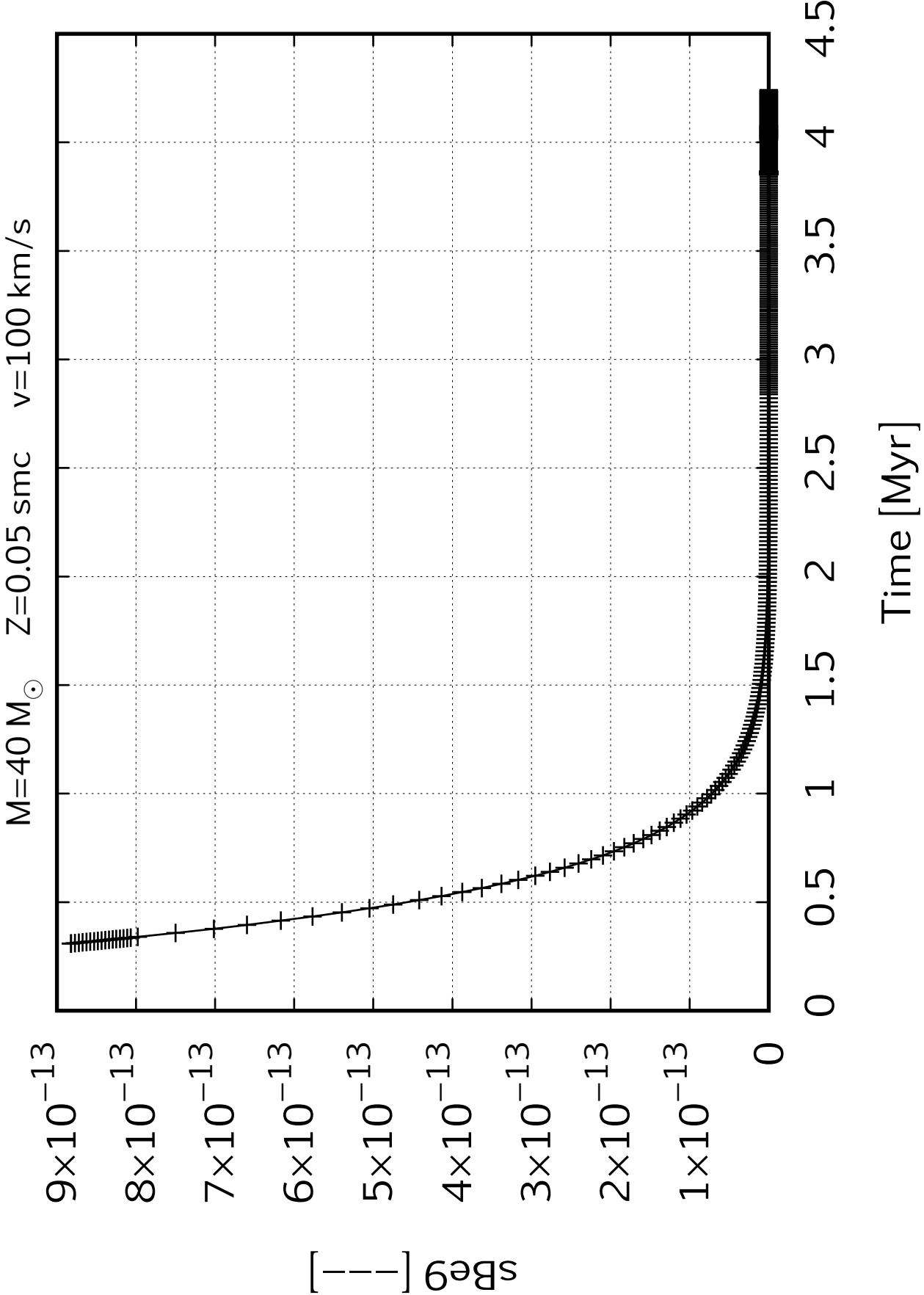


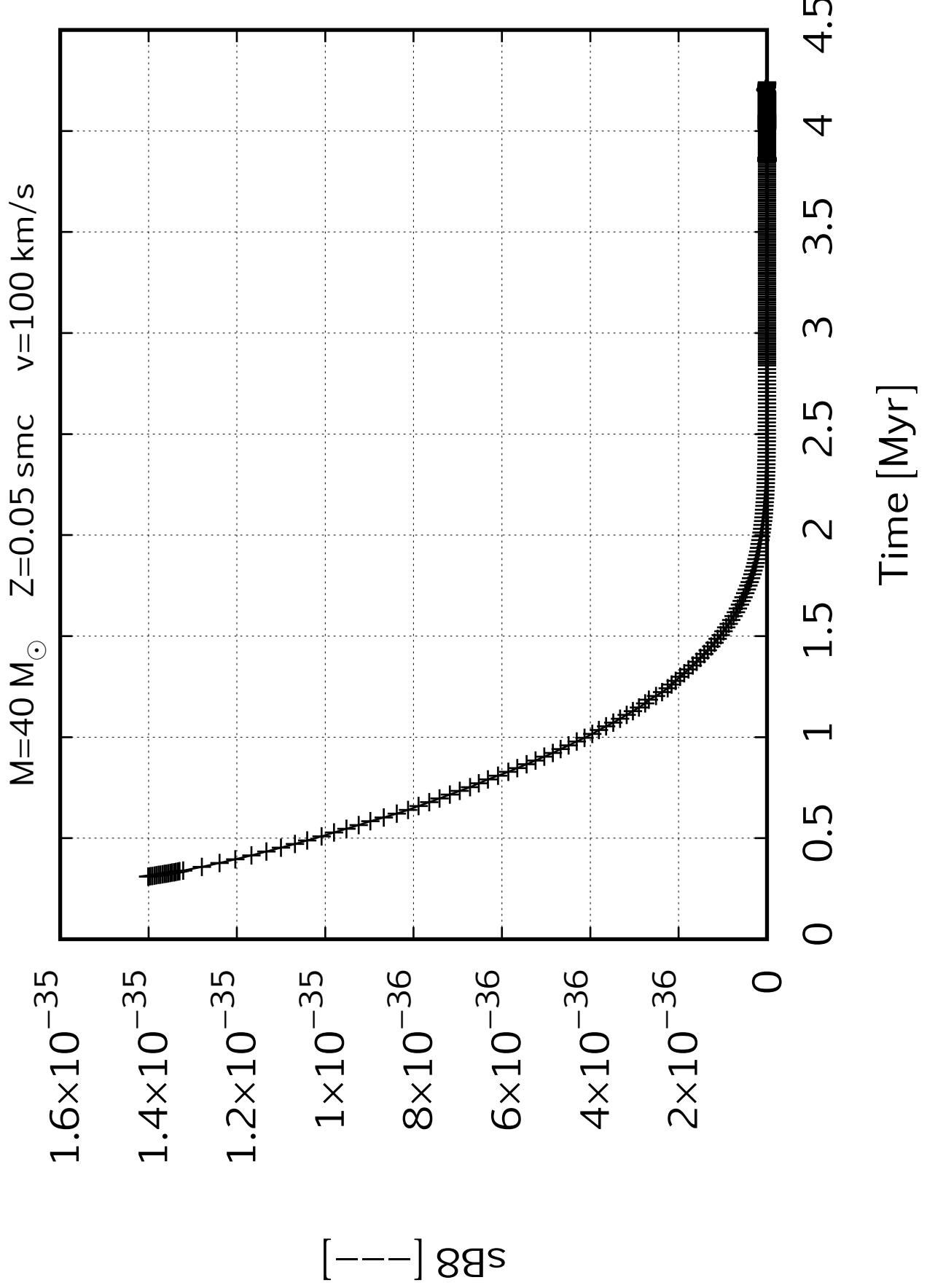


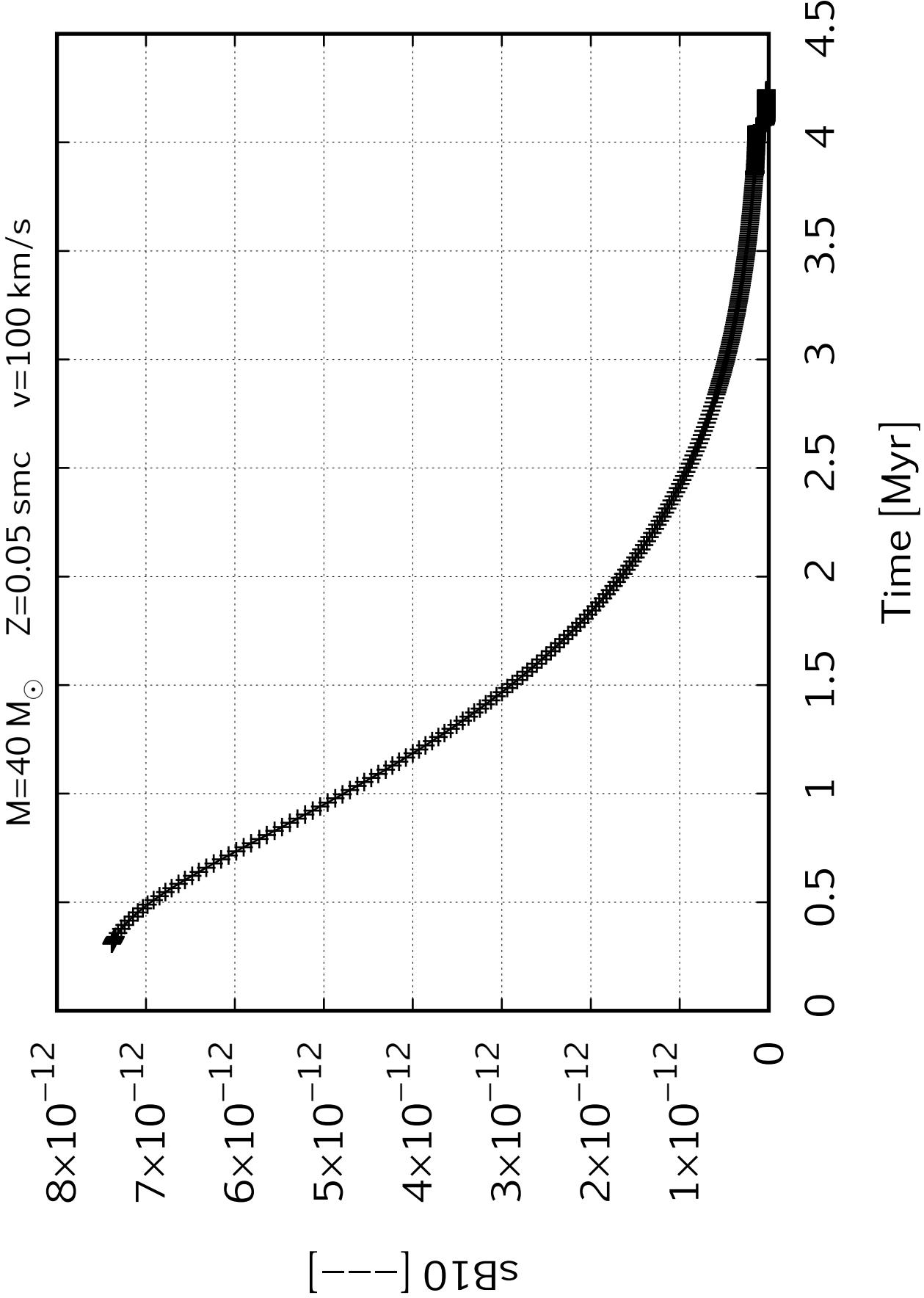


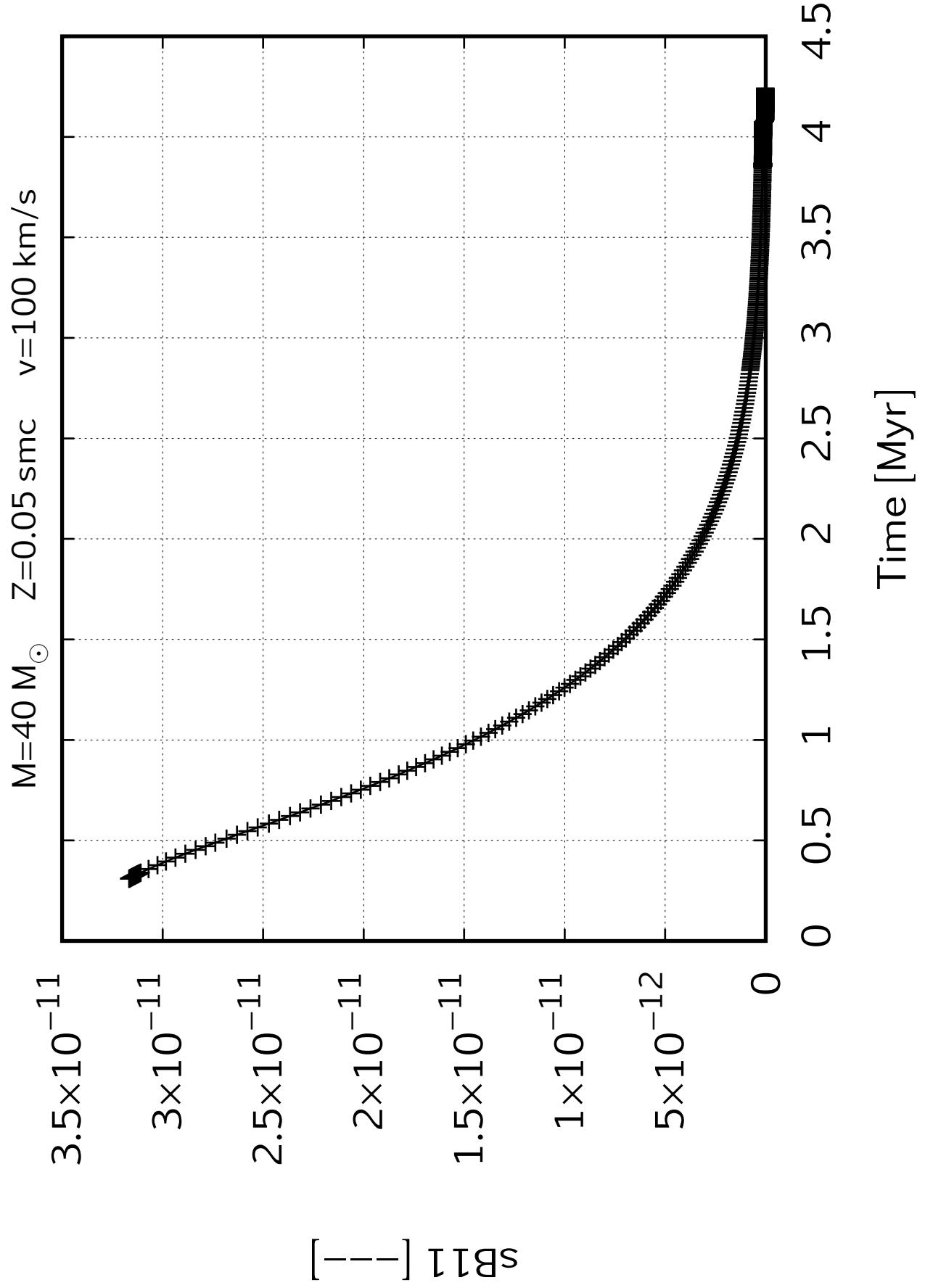


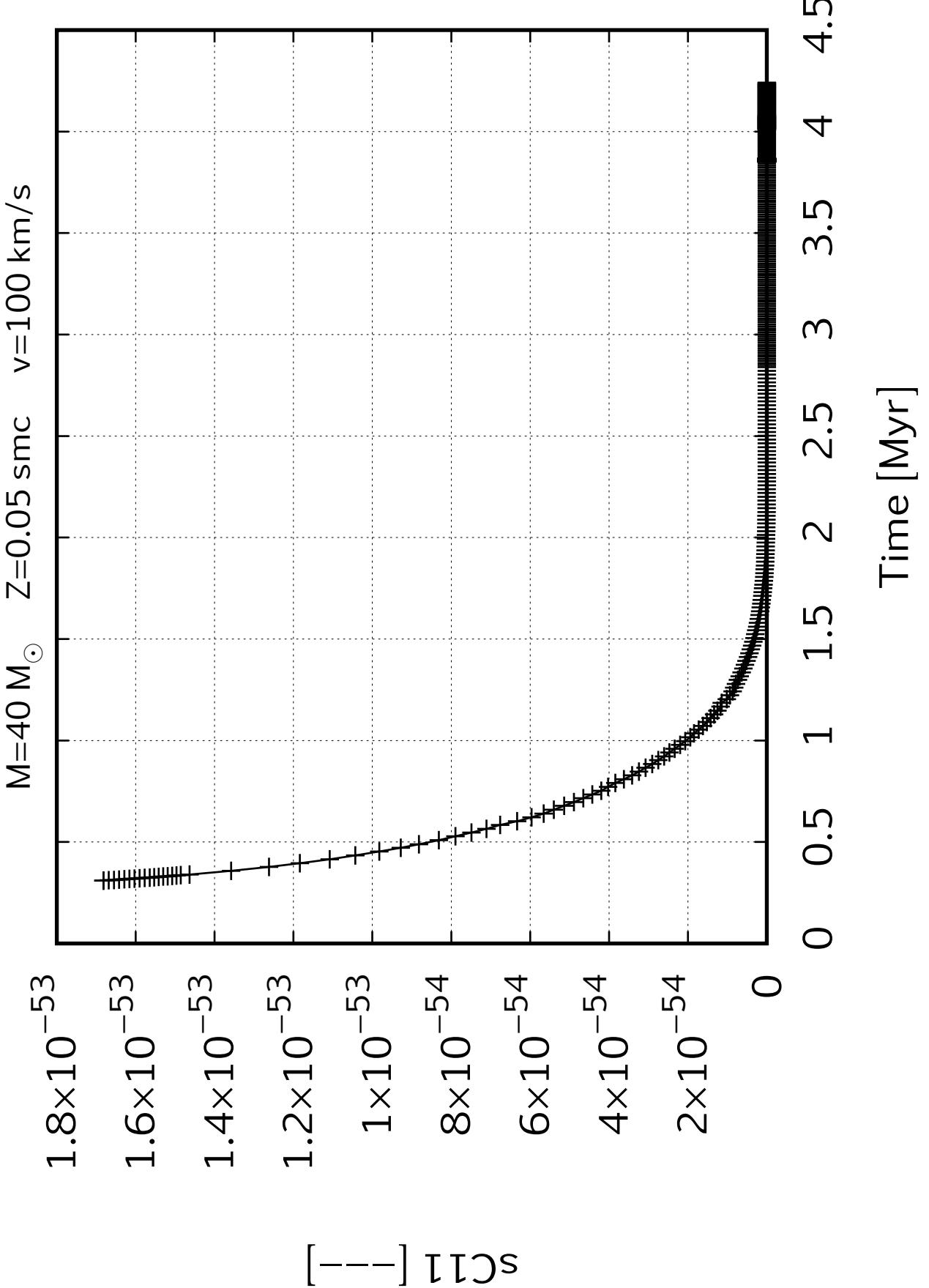


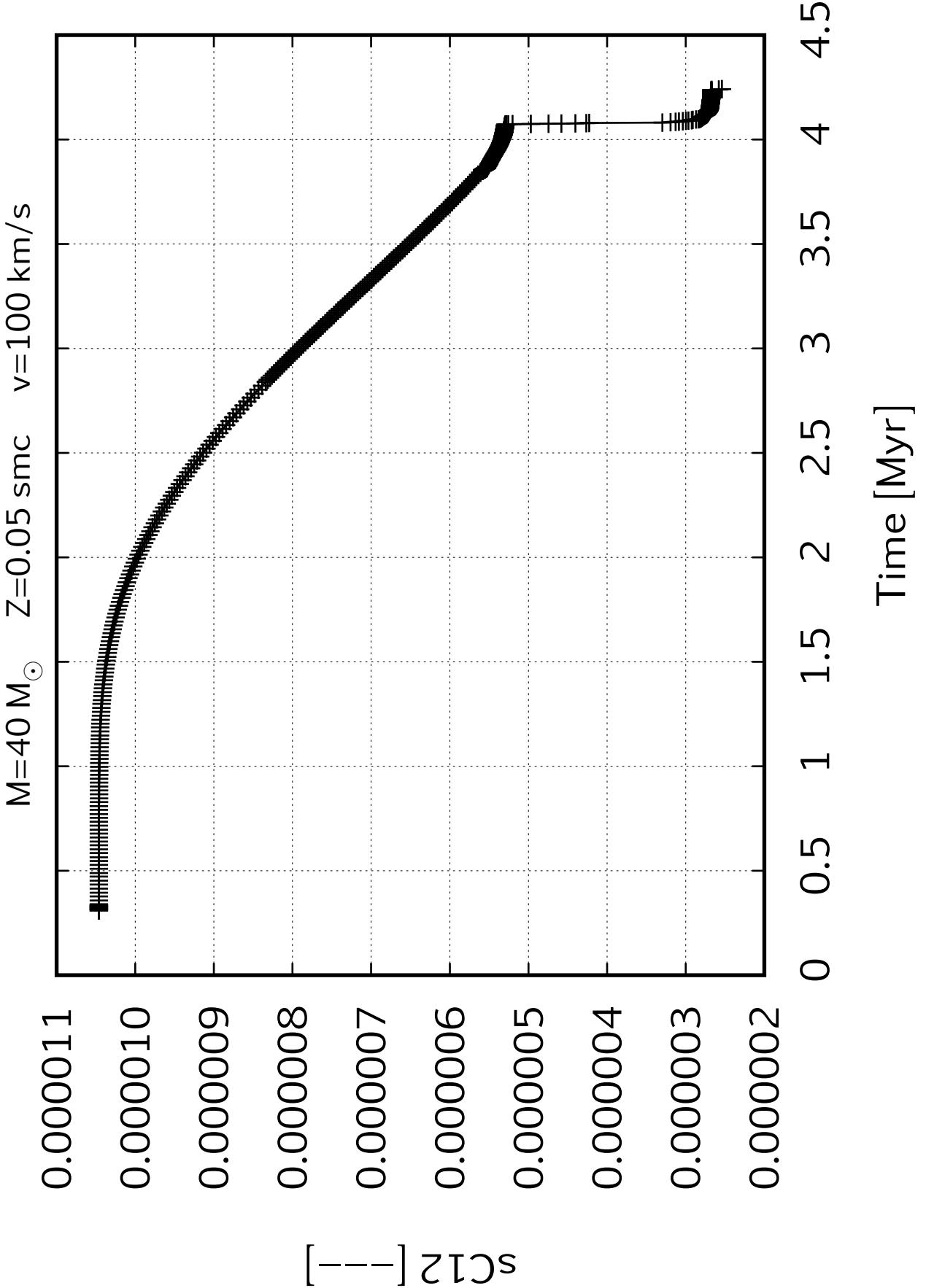


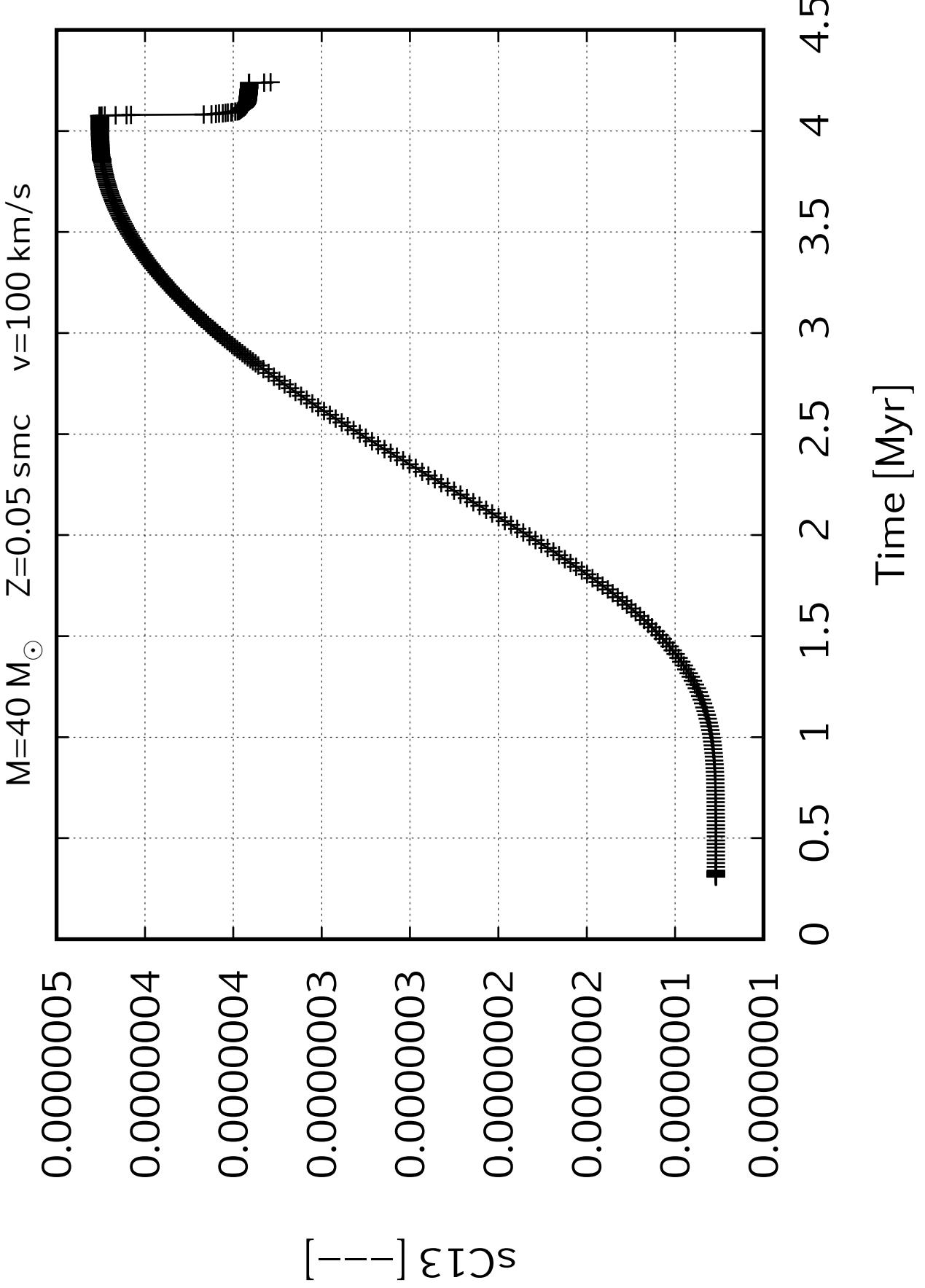


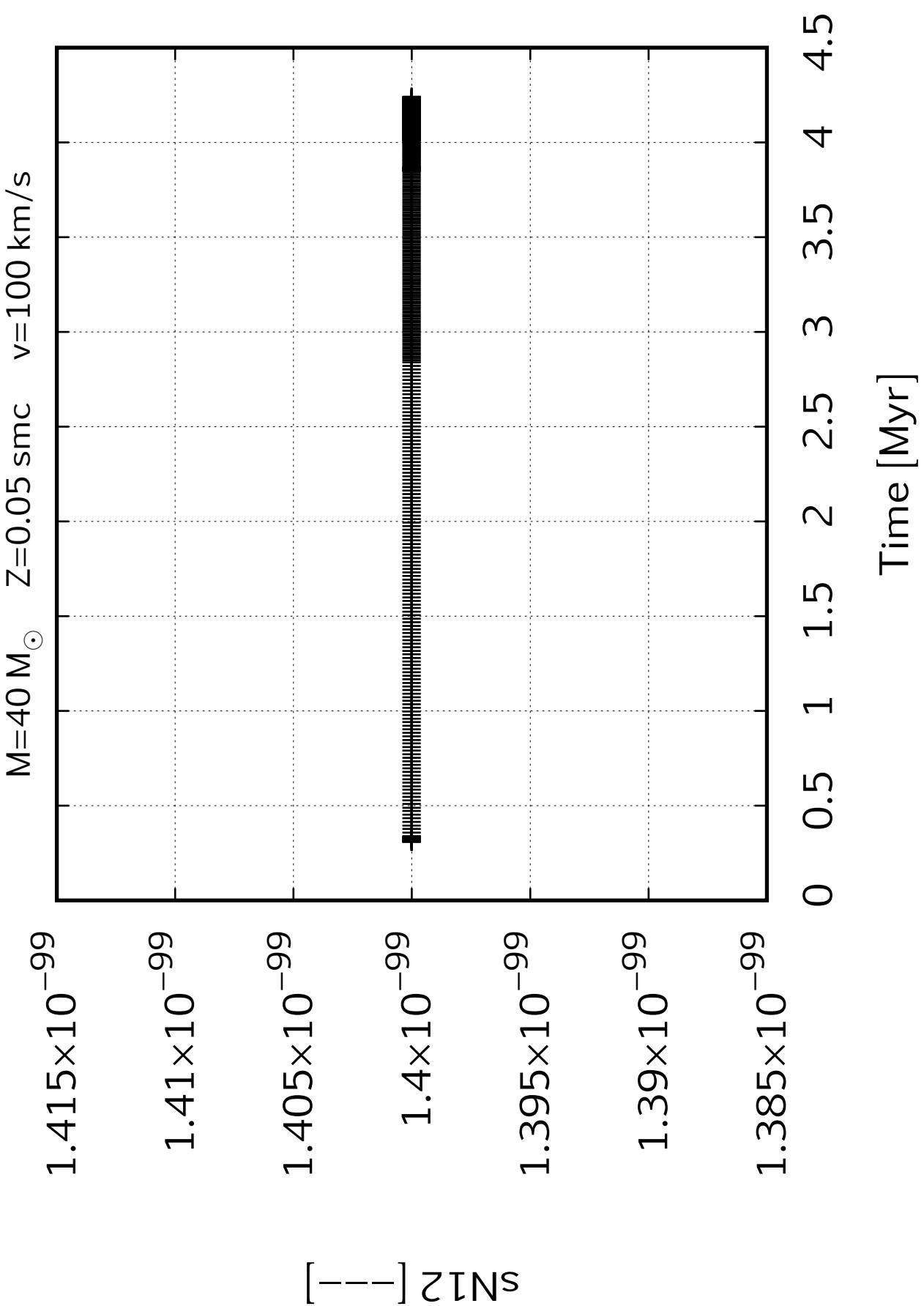


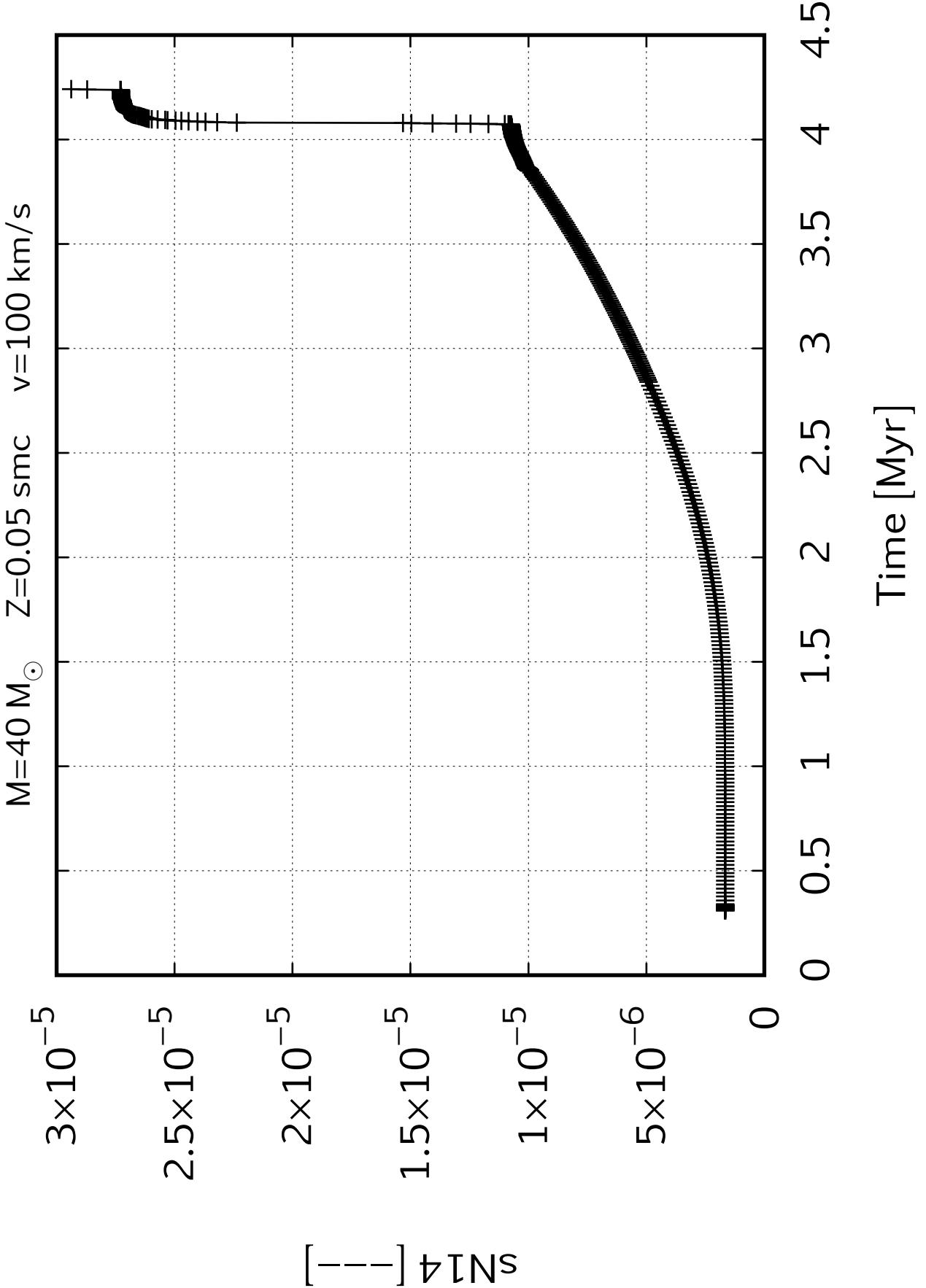


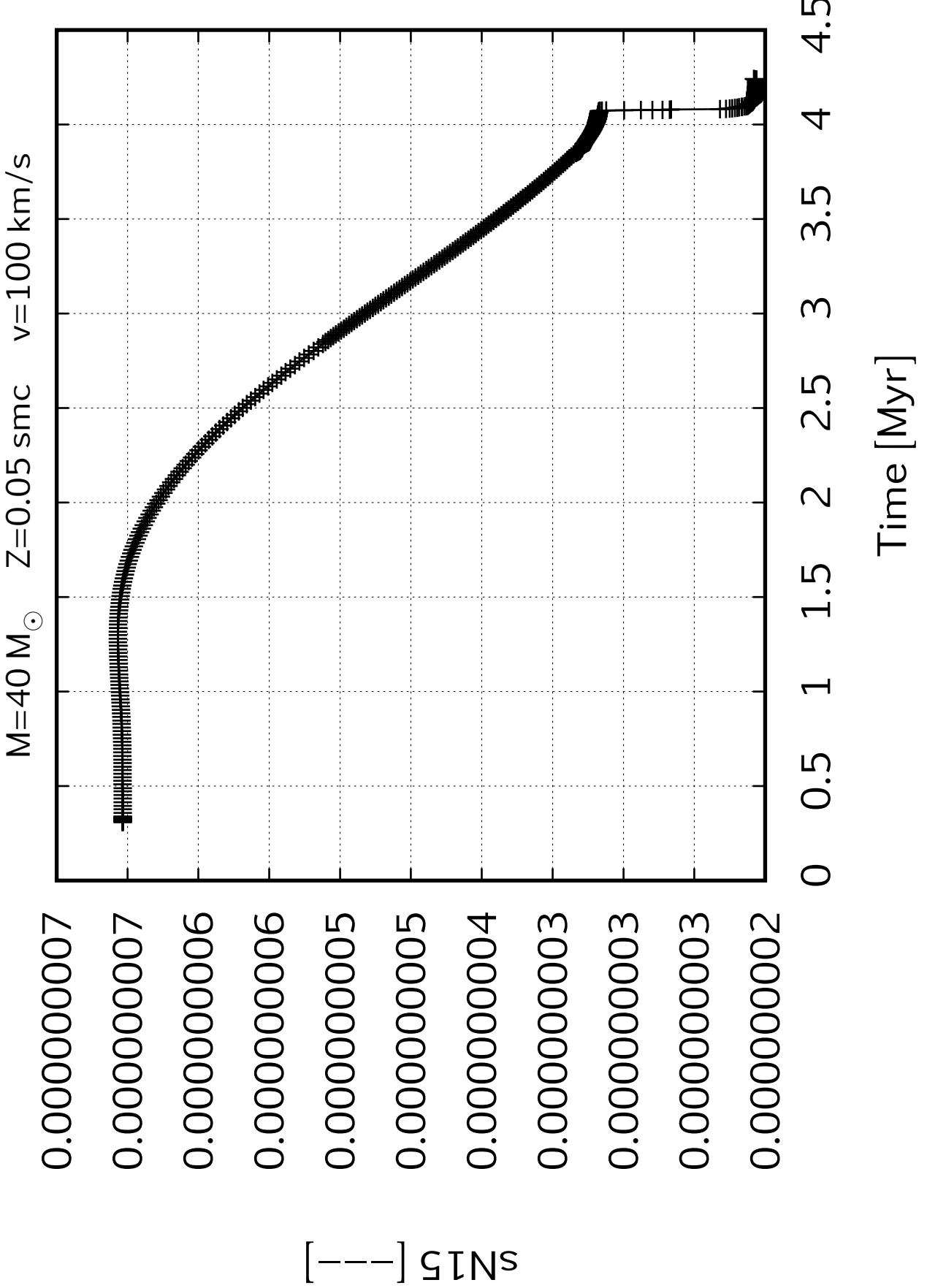


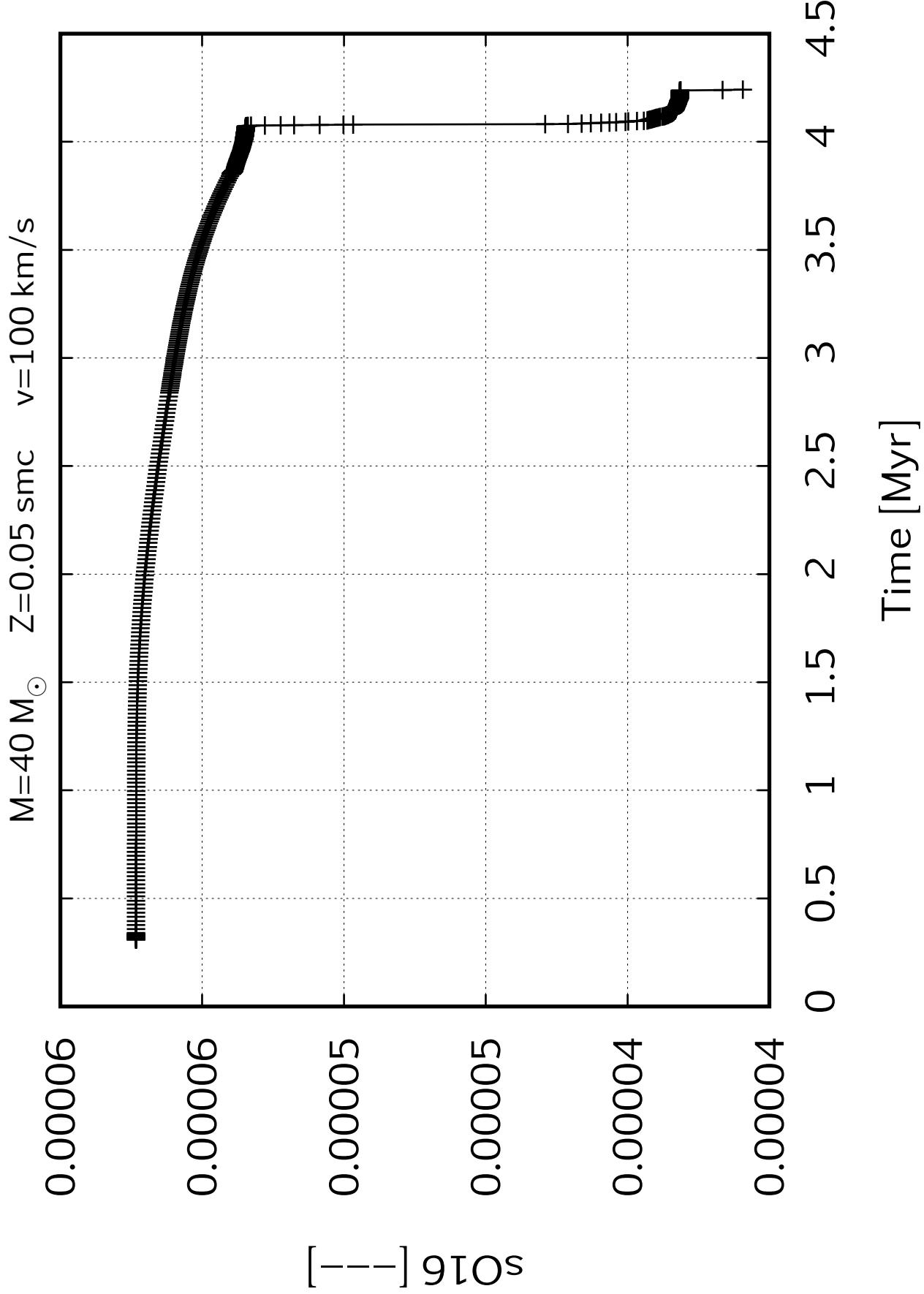


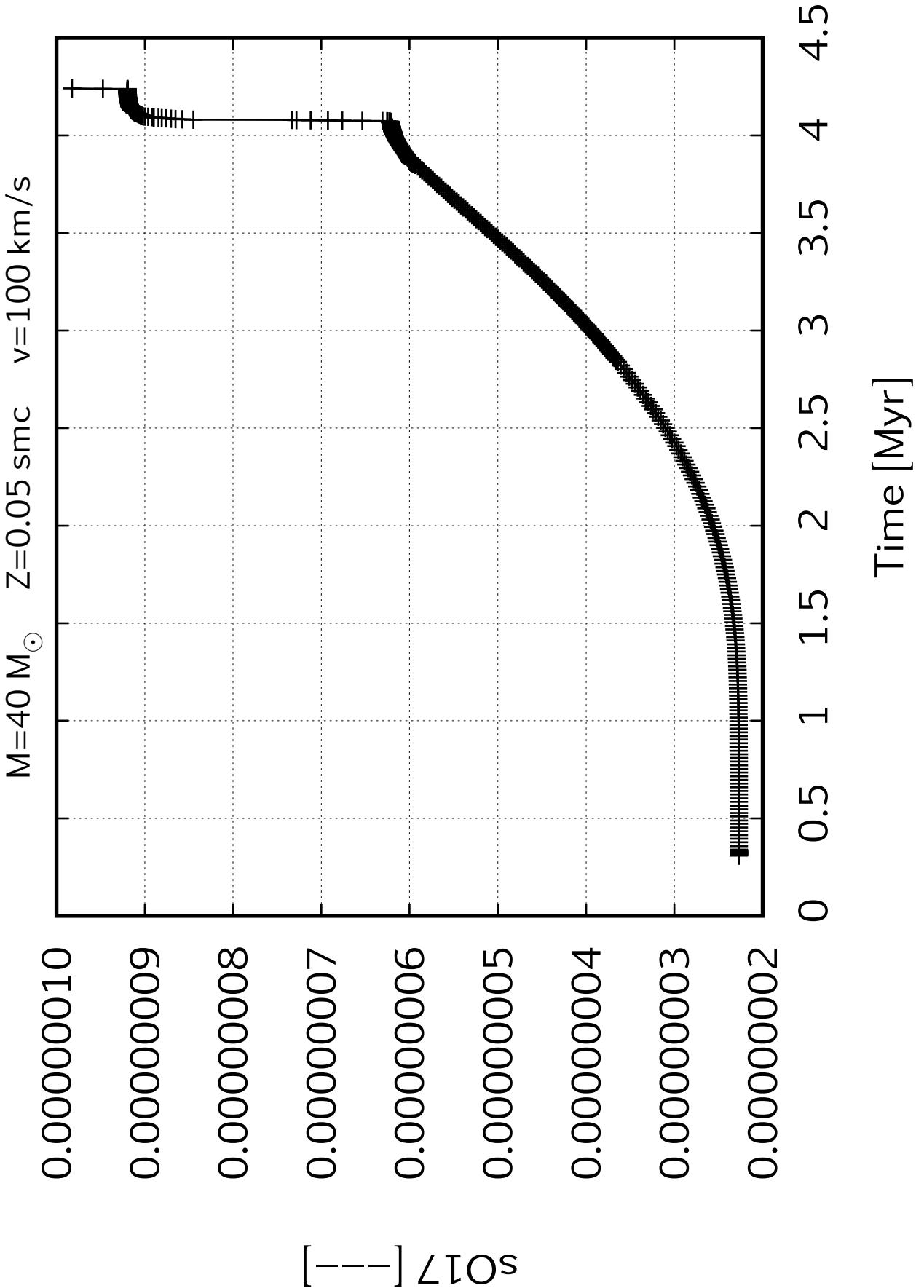


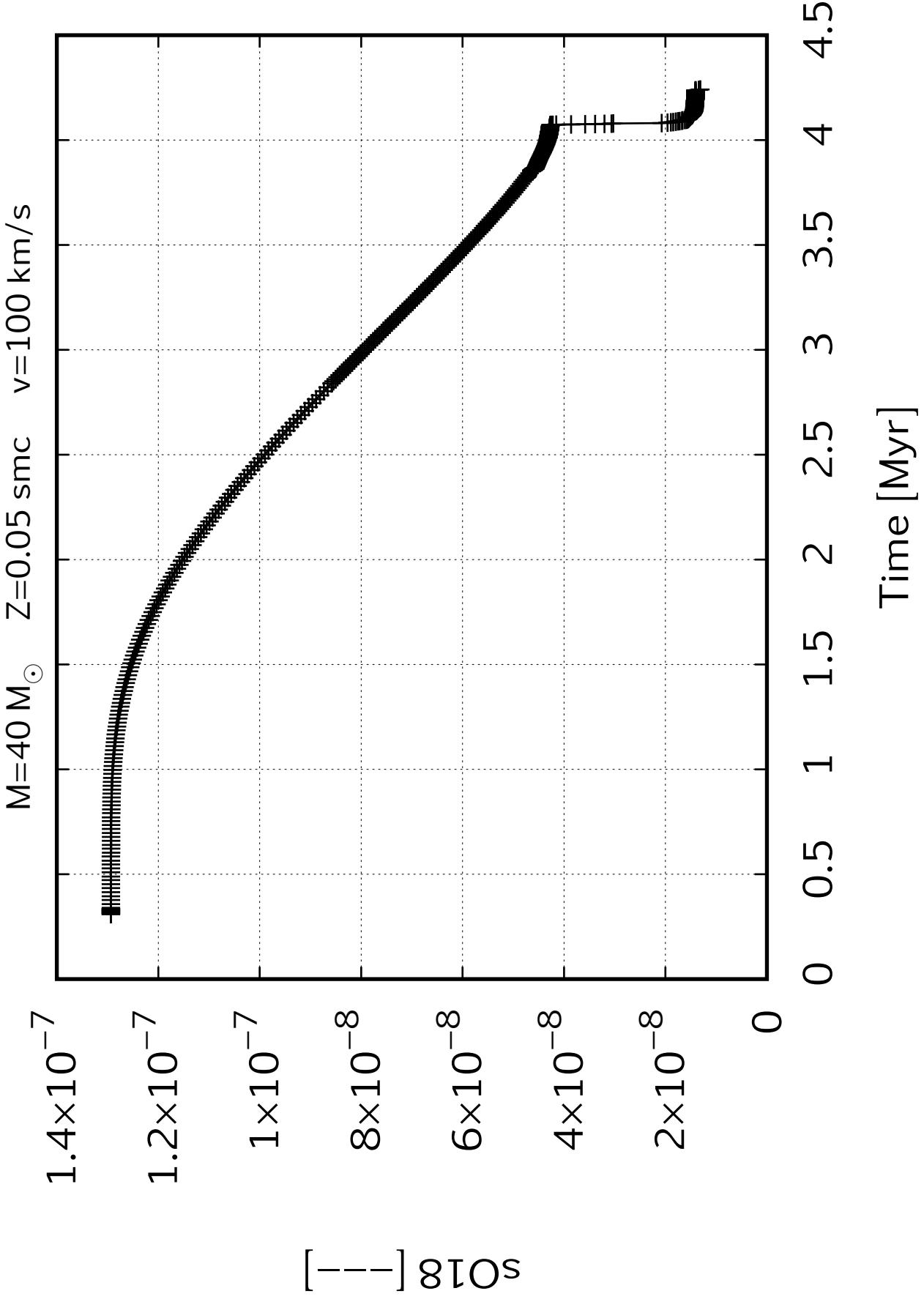




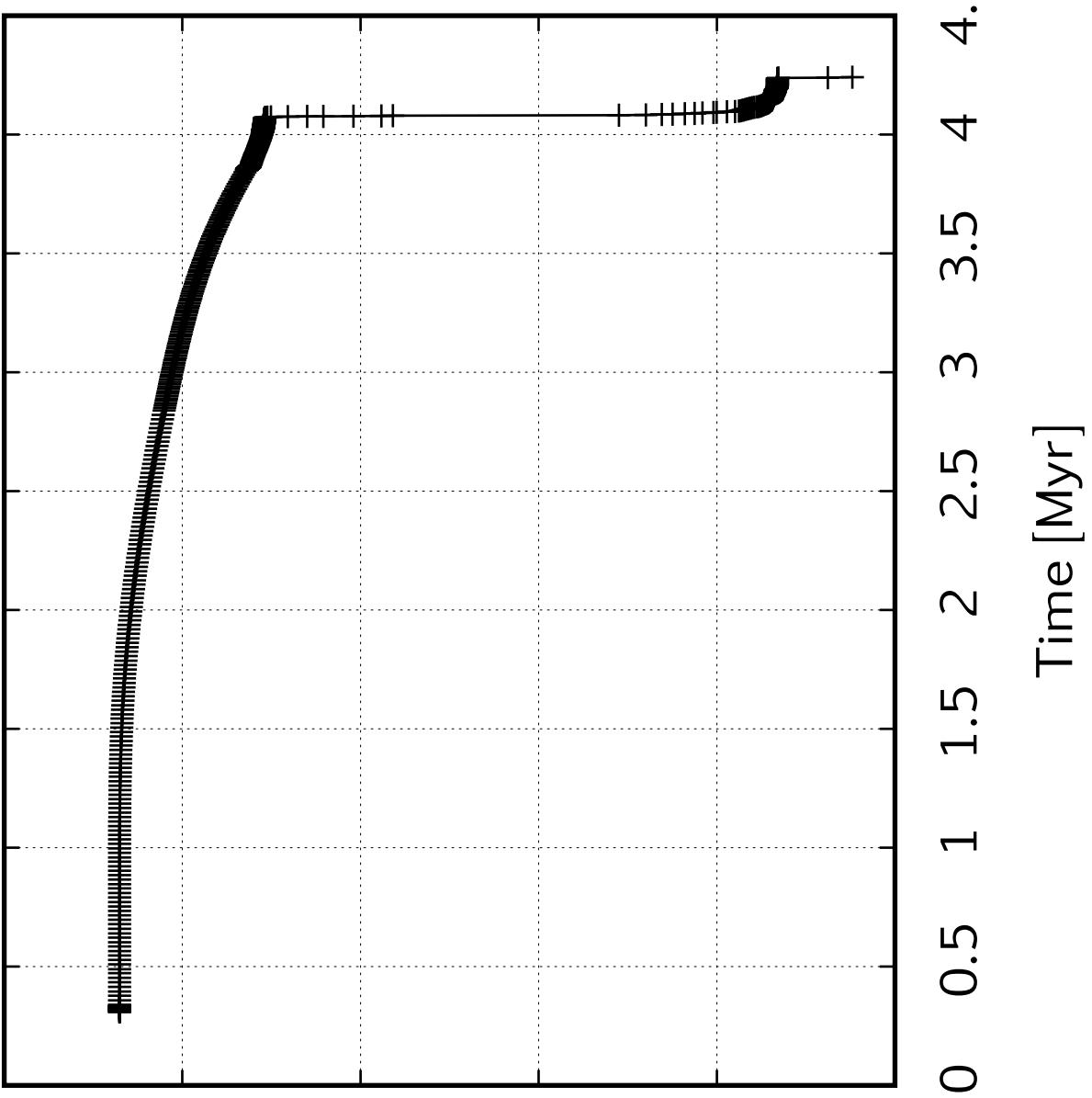








$M=40 M_{\odot}$ $Z=0.05$ smc $v=100$ km/s

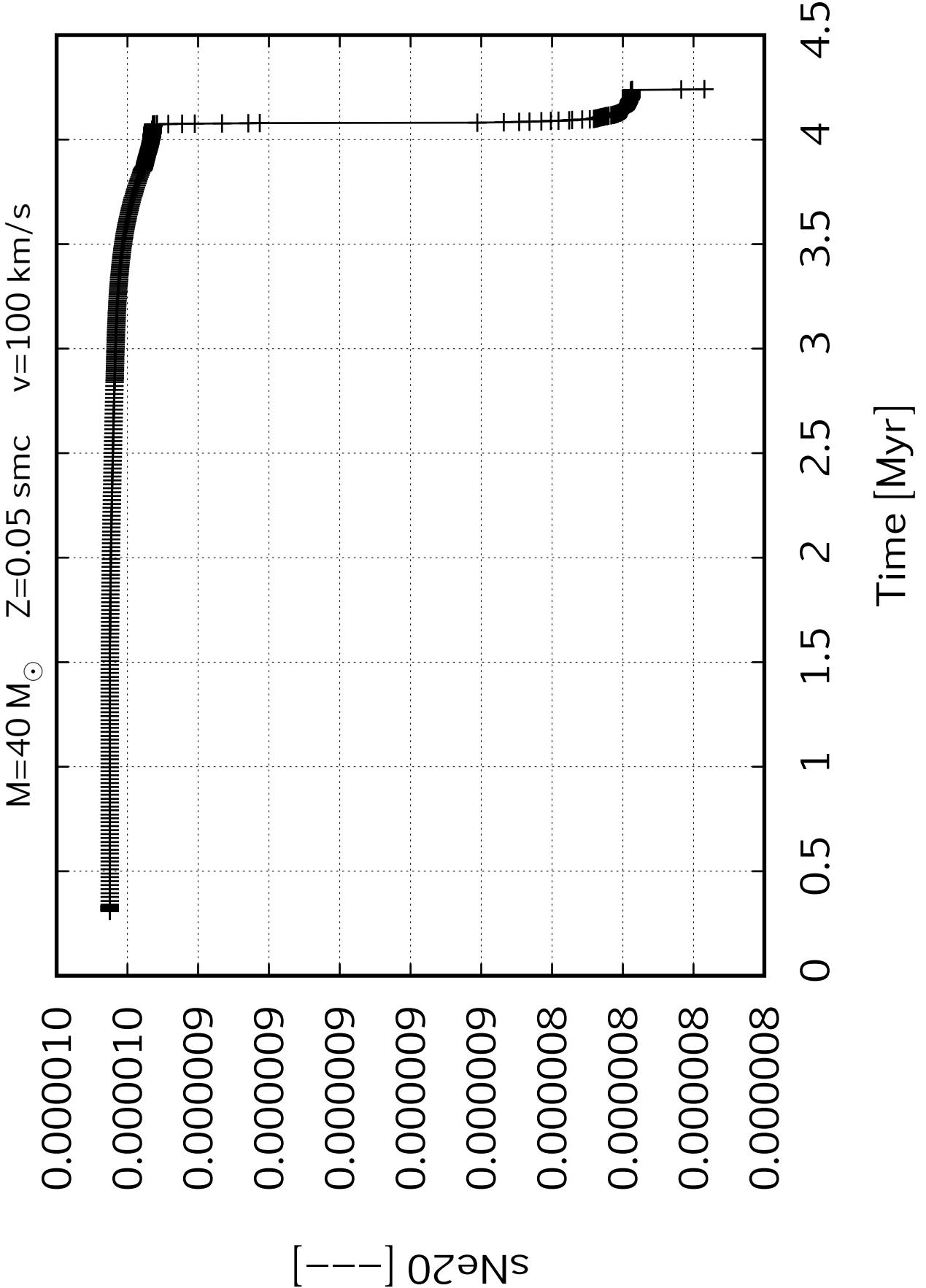


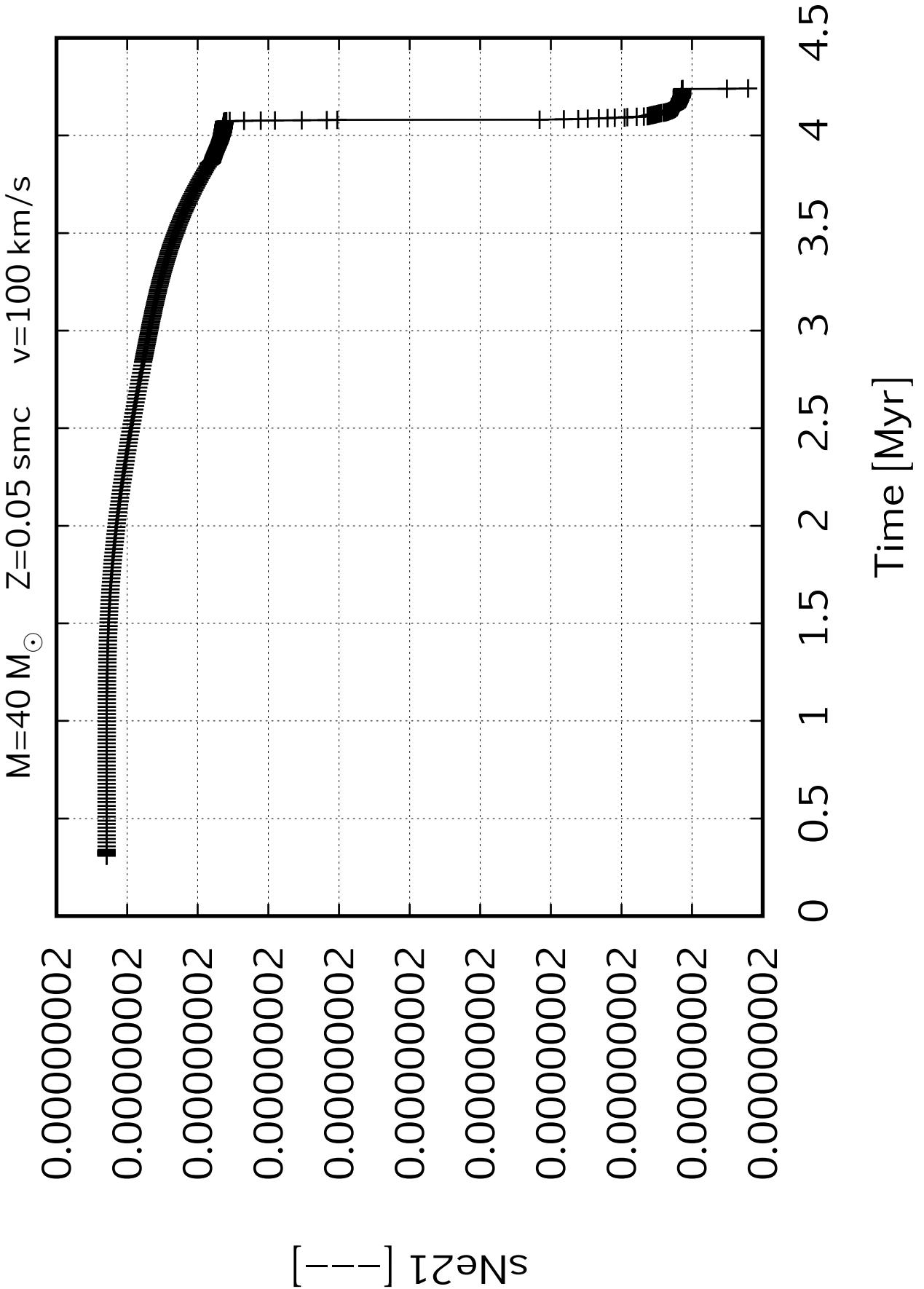
0.0000000006

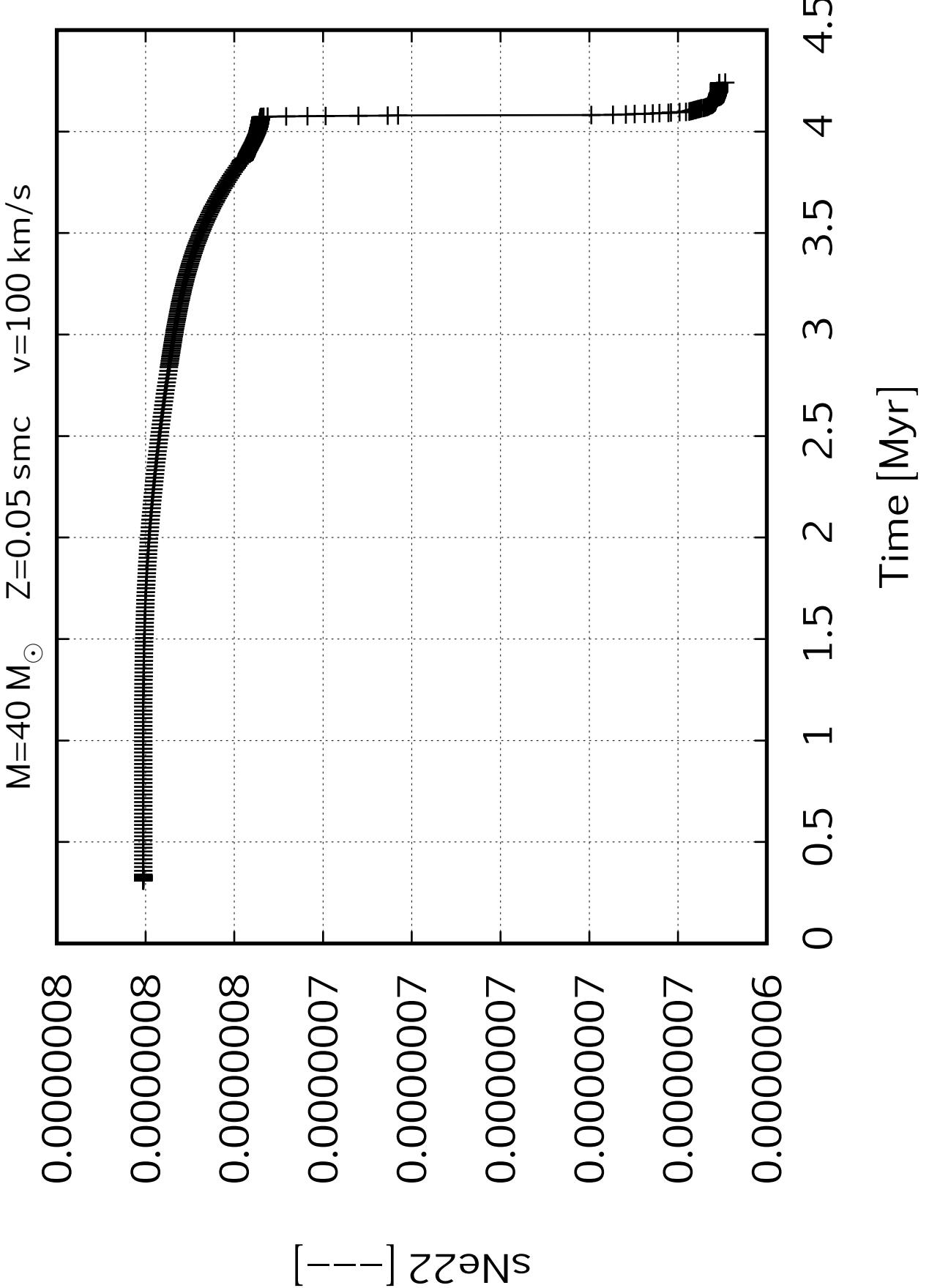
0.0000000005

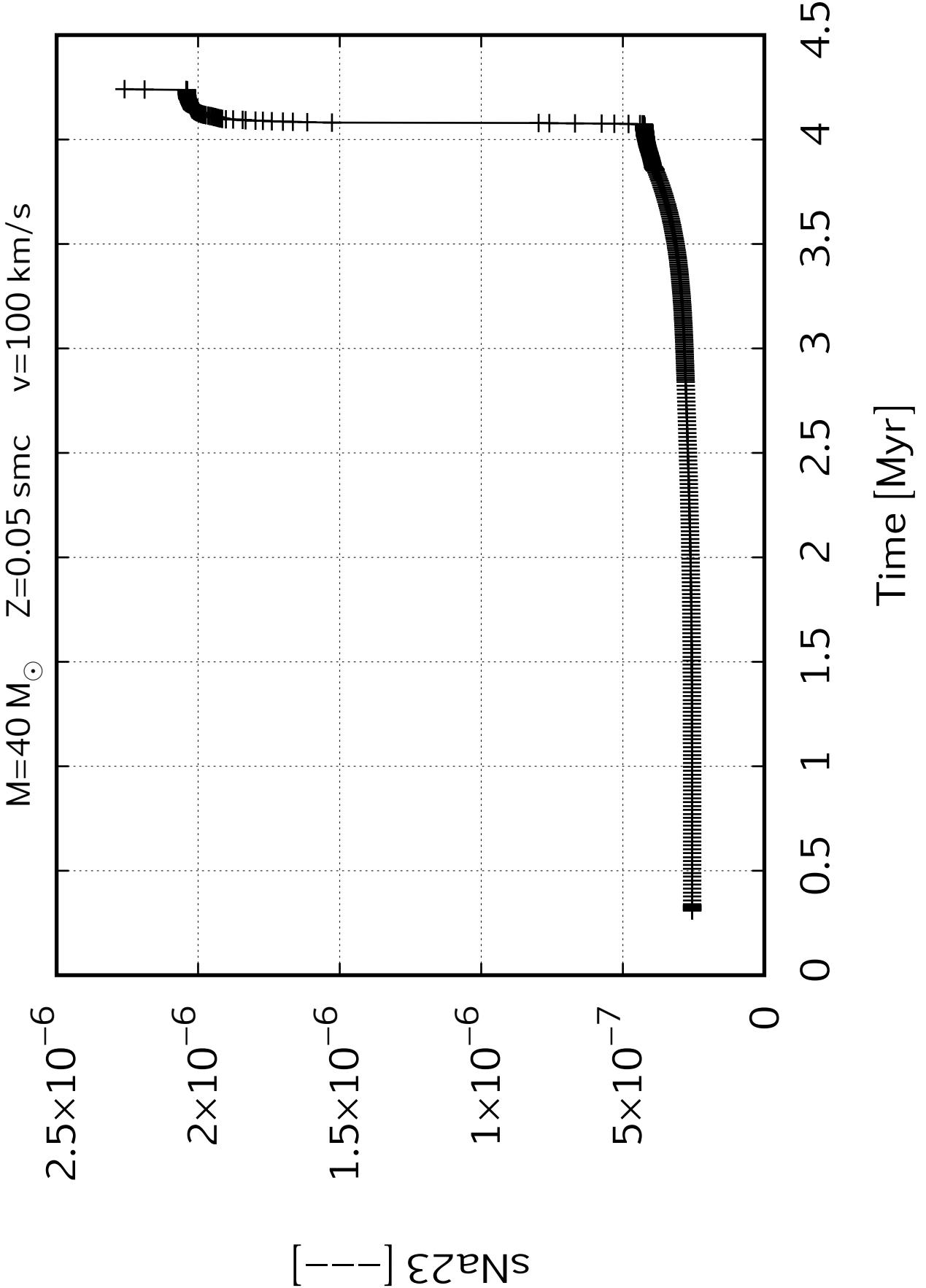
0.0000000004

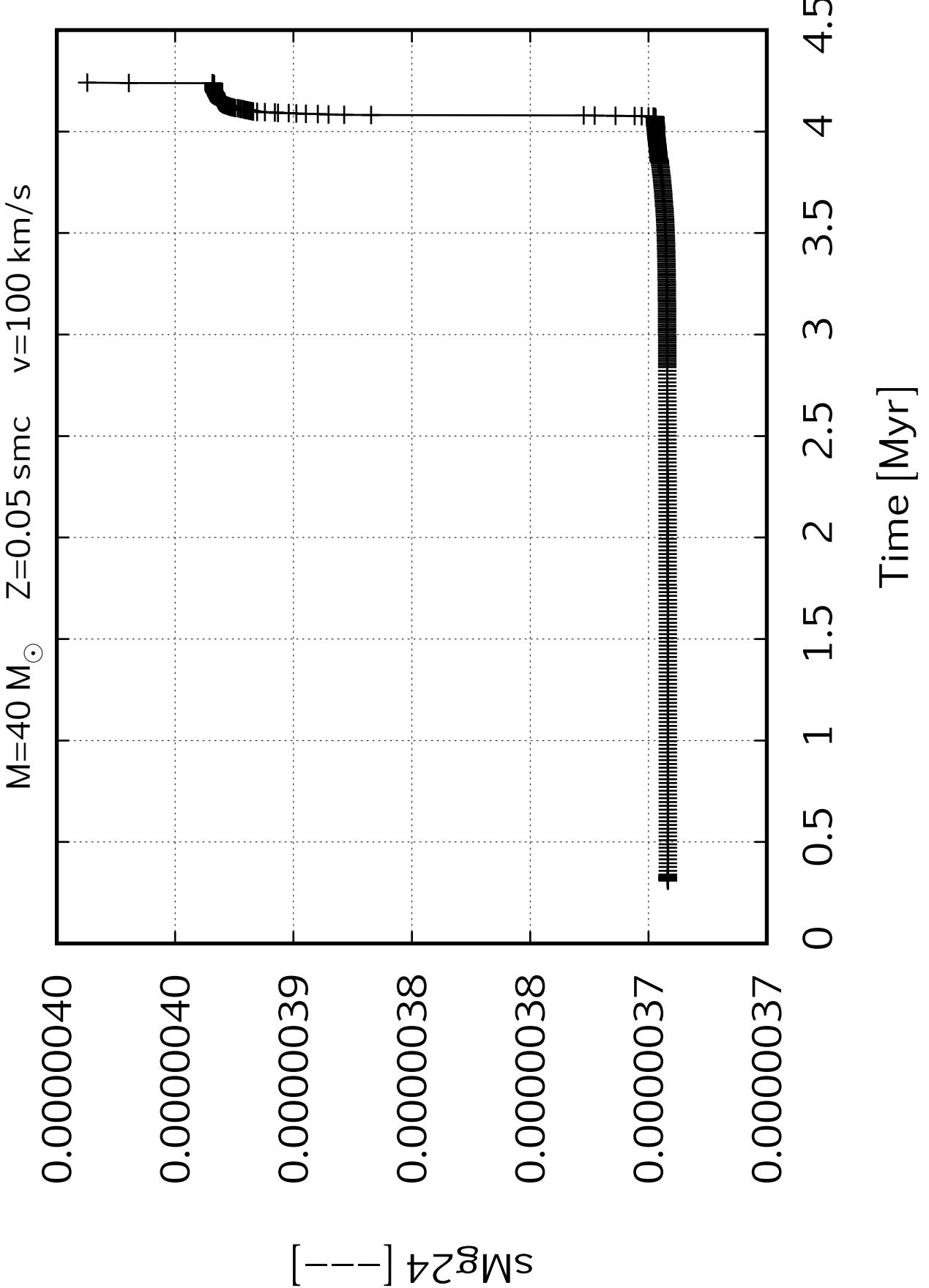
0.0000000003

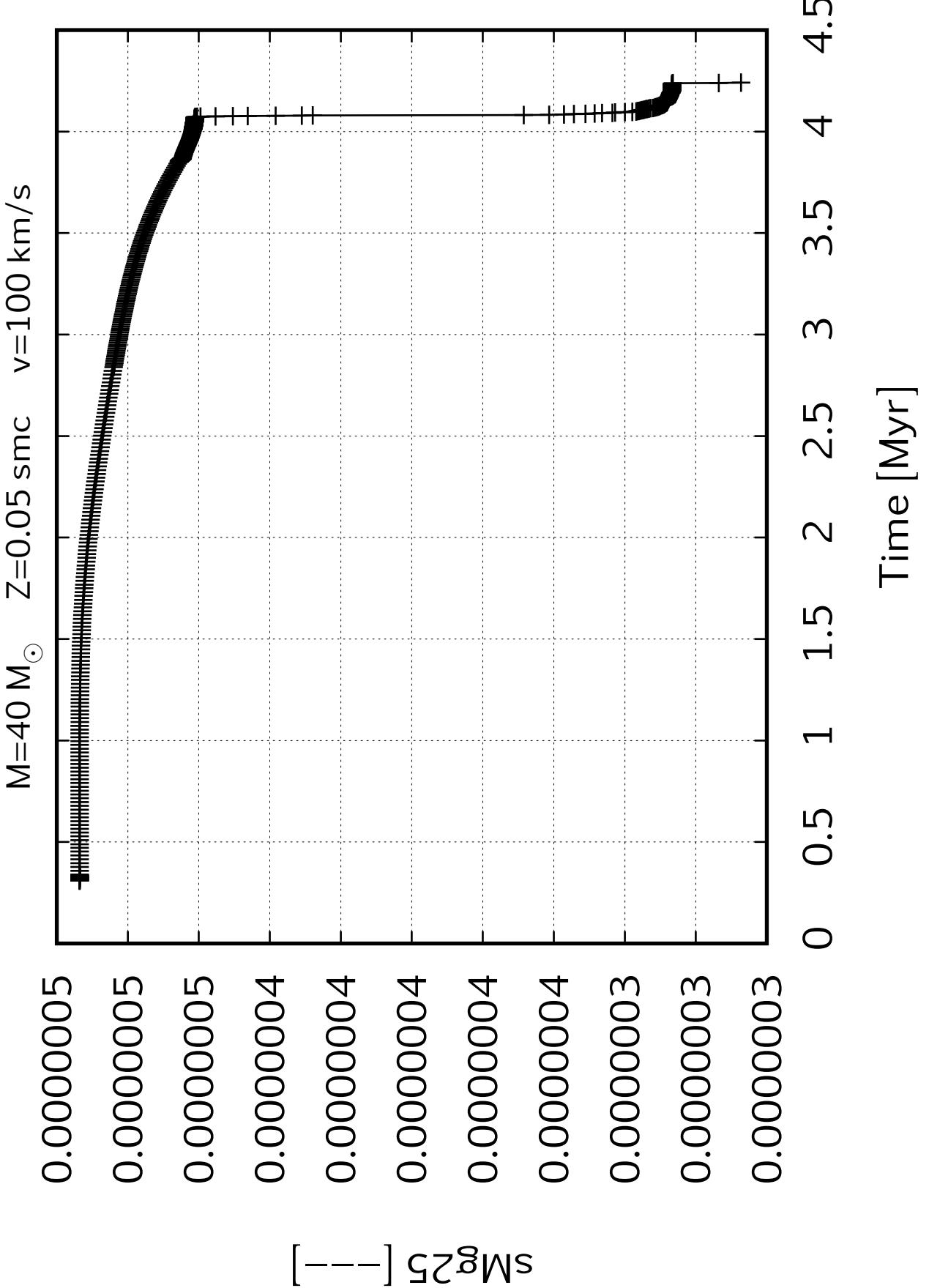


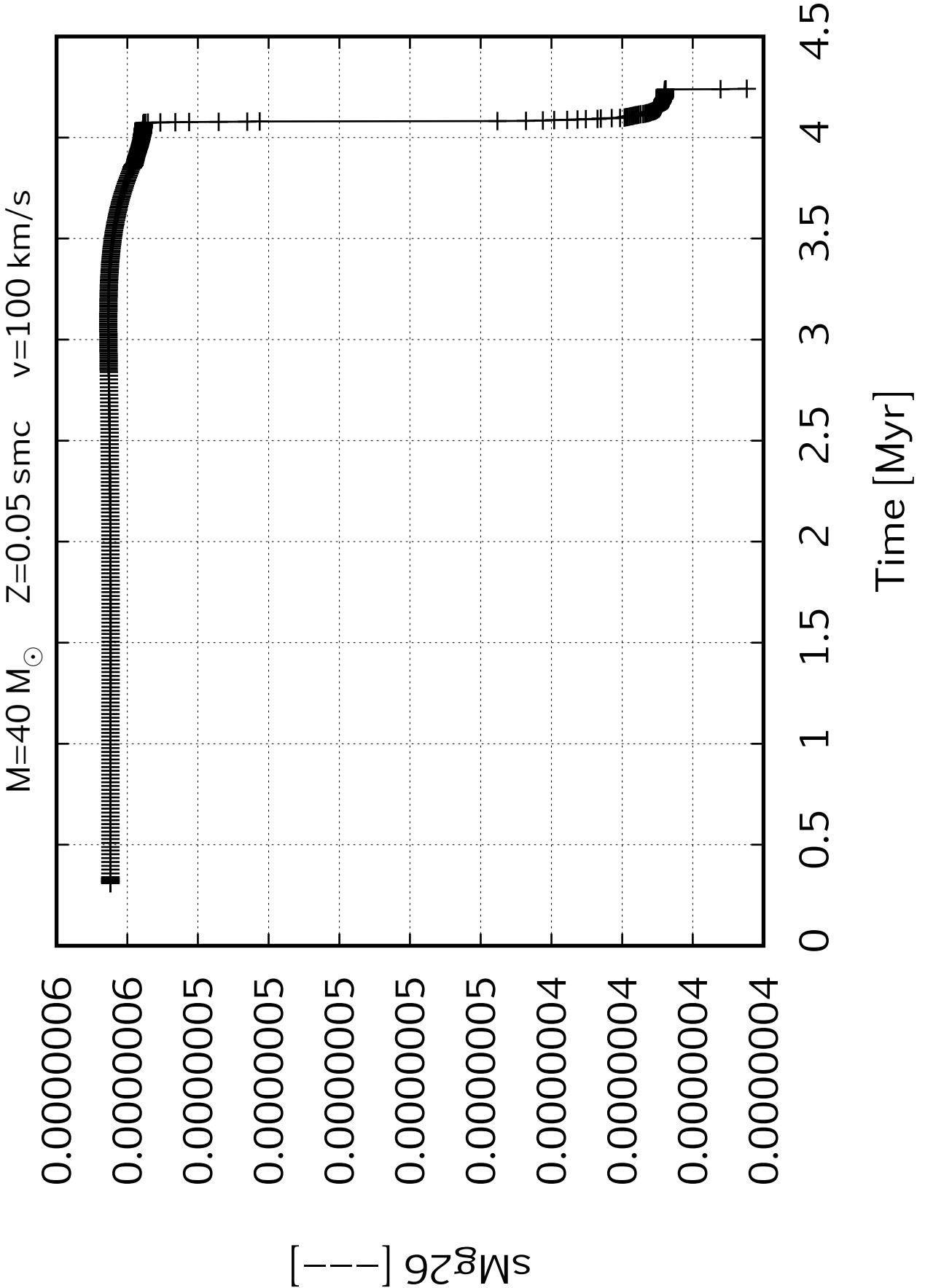


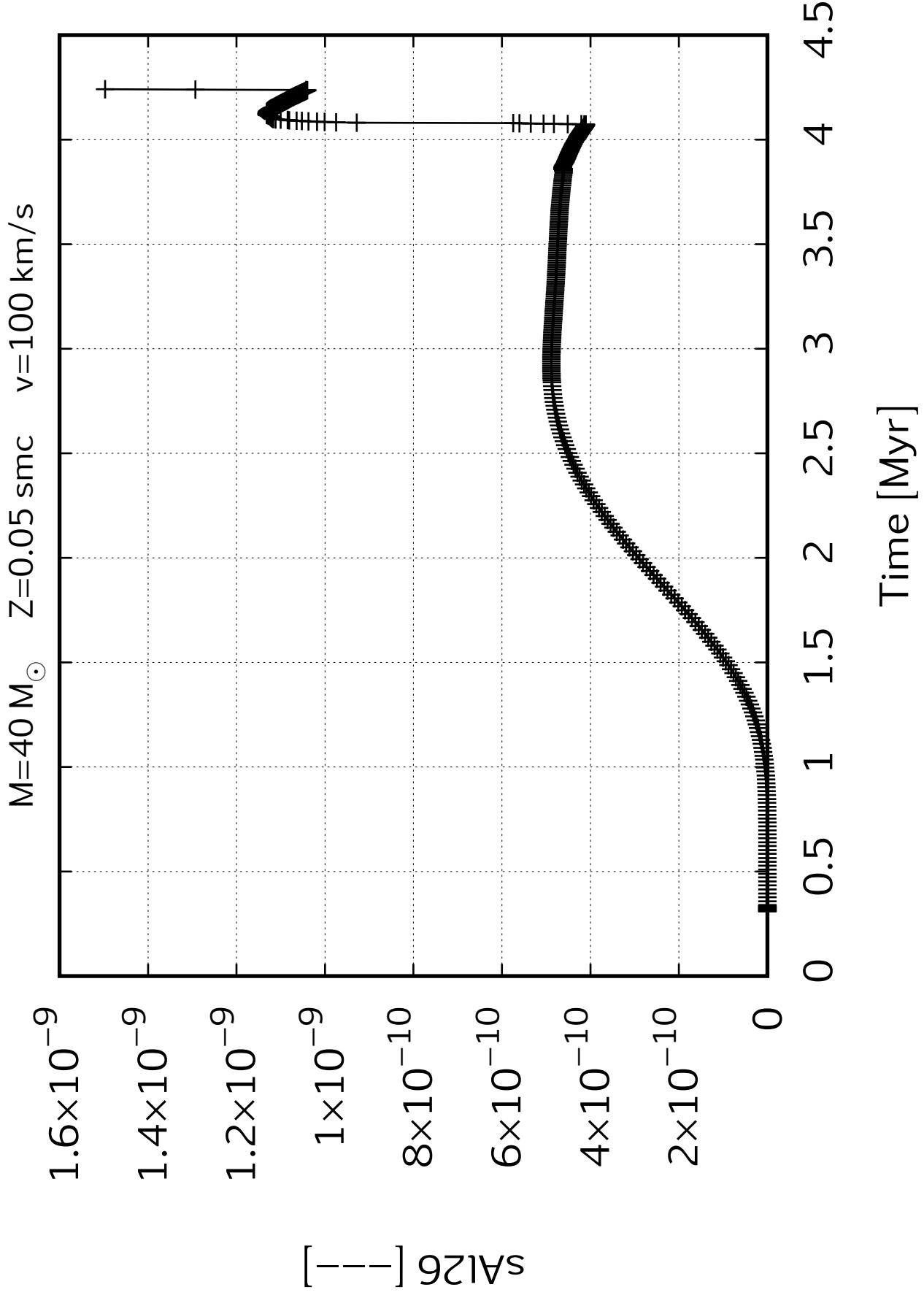


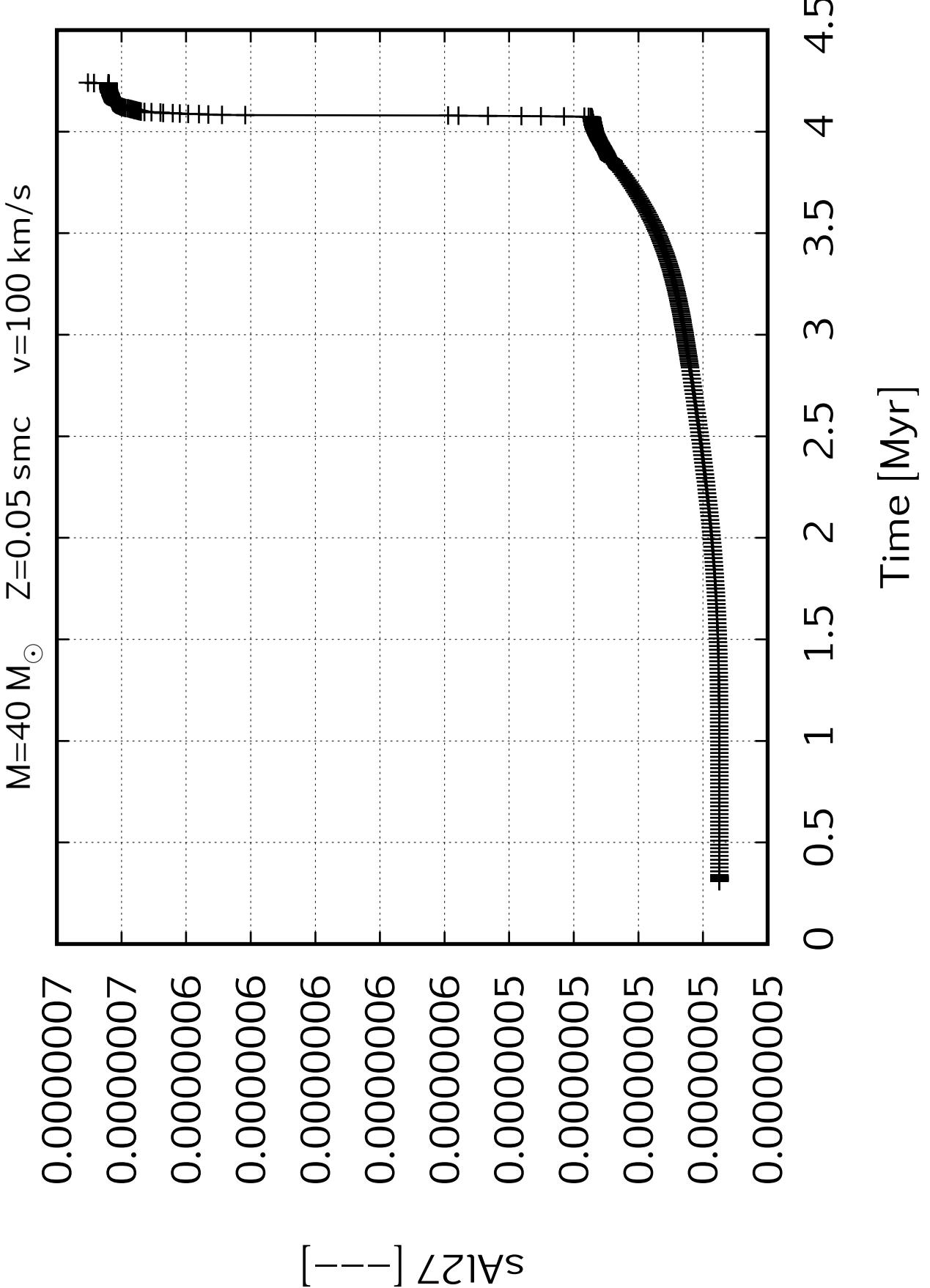


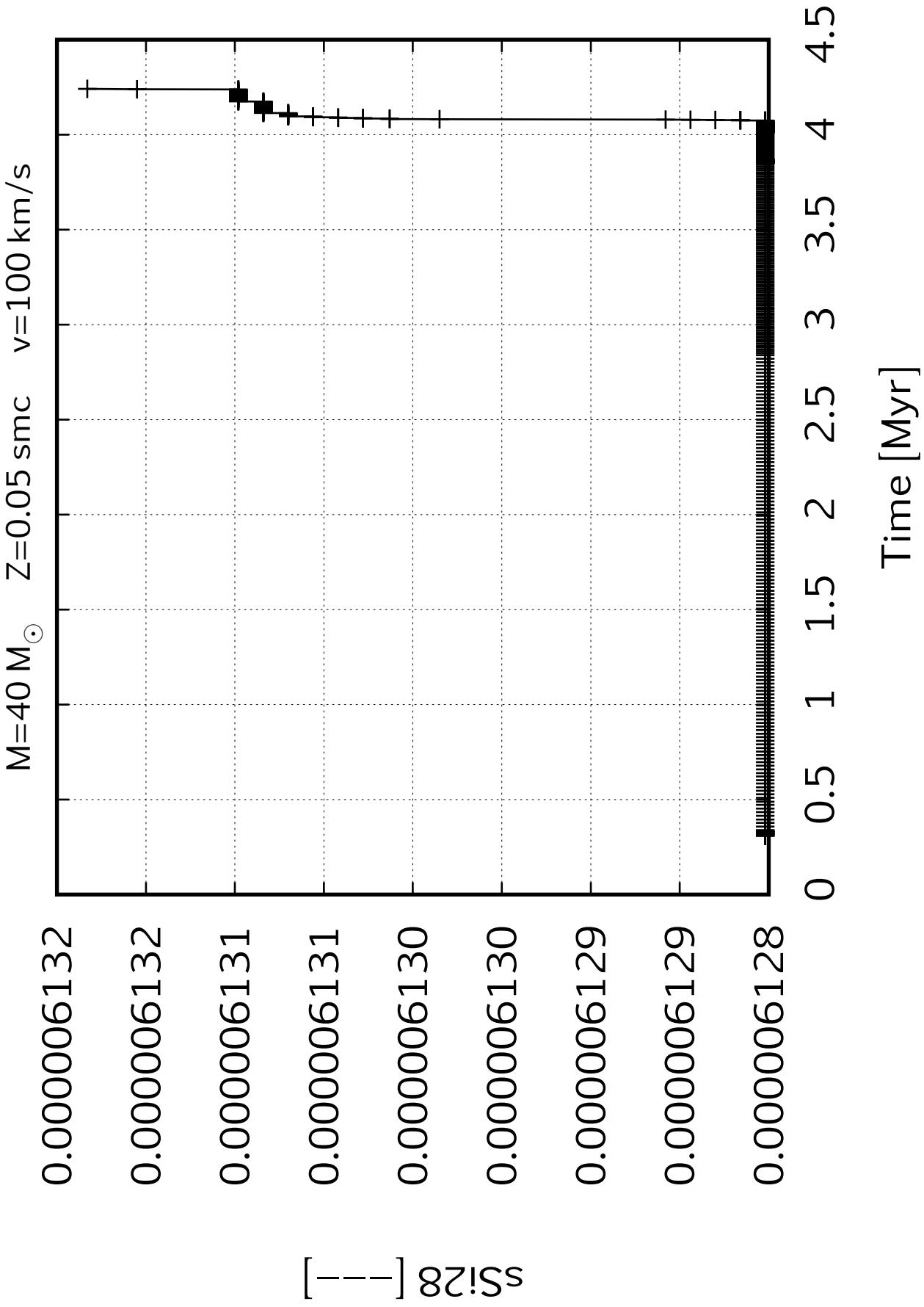








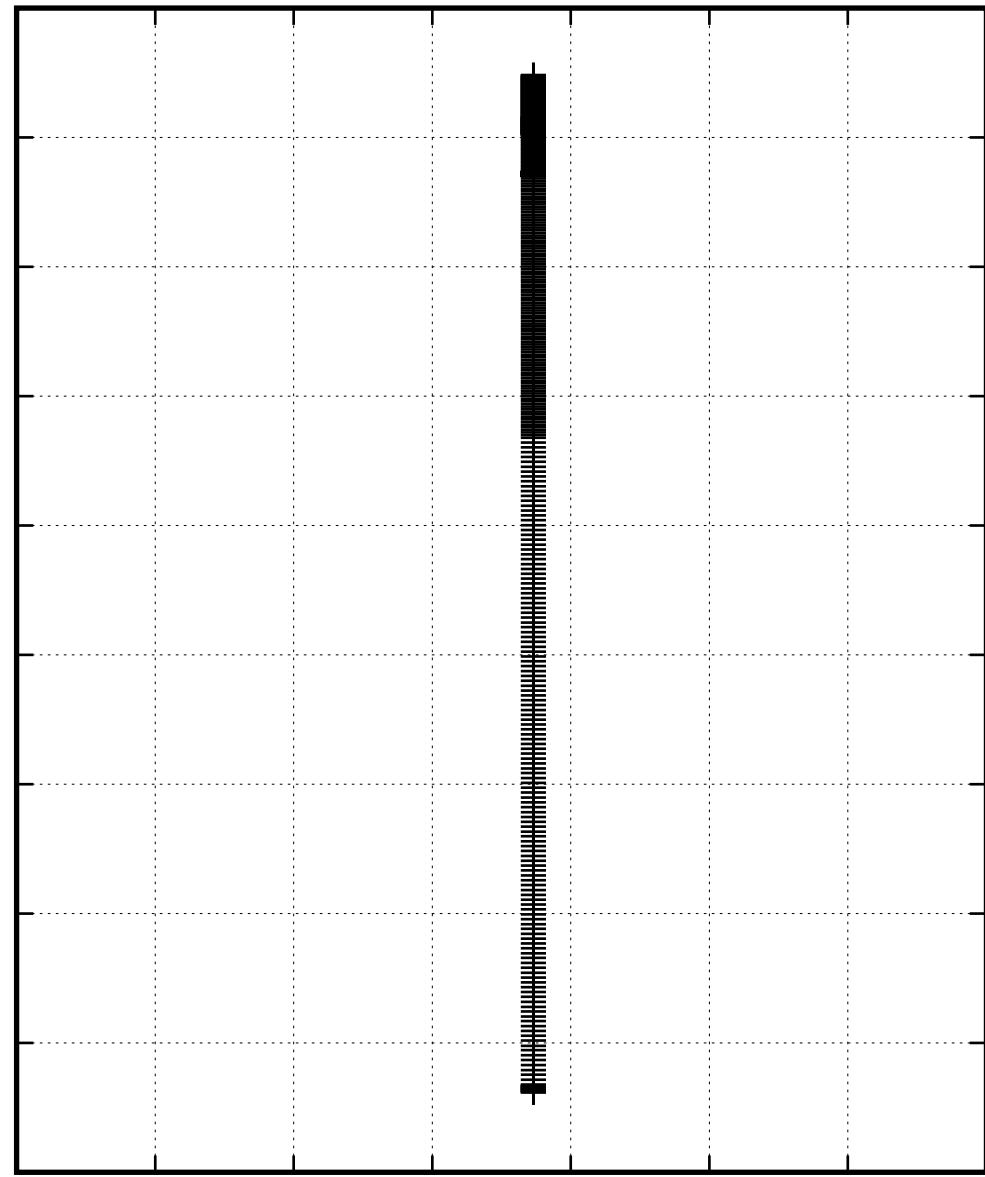




0.000000326
0.000000325
0.000000324
0.000000323
0.000000322
0.000000321
0.000000320
0.000000319

$M=40 M_{\odot}$

$Z=0.05 \text{ smc}$
 $v=100 \text{ km/s}$



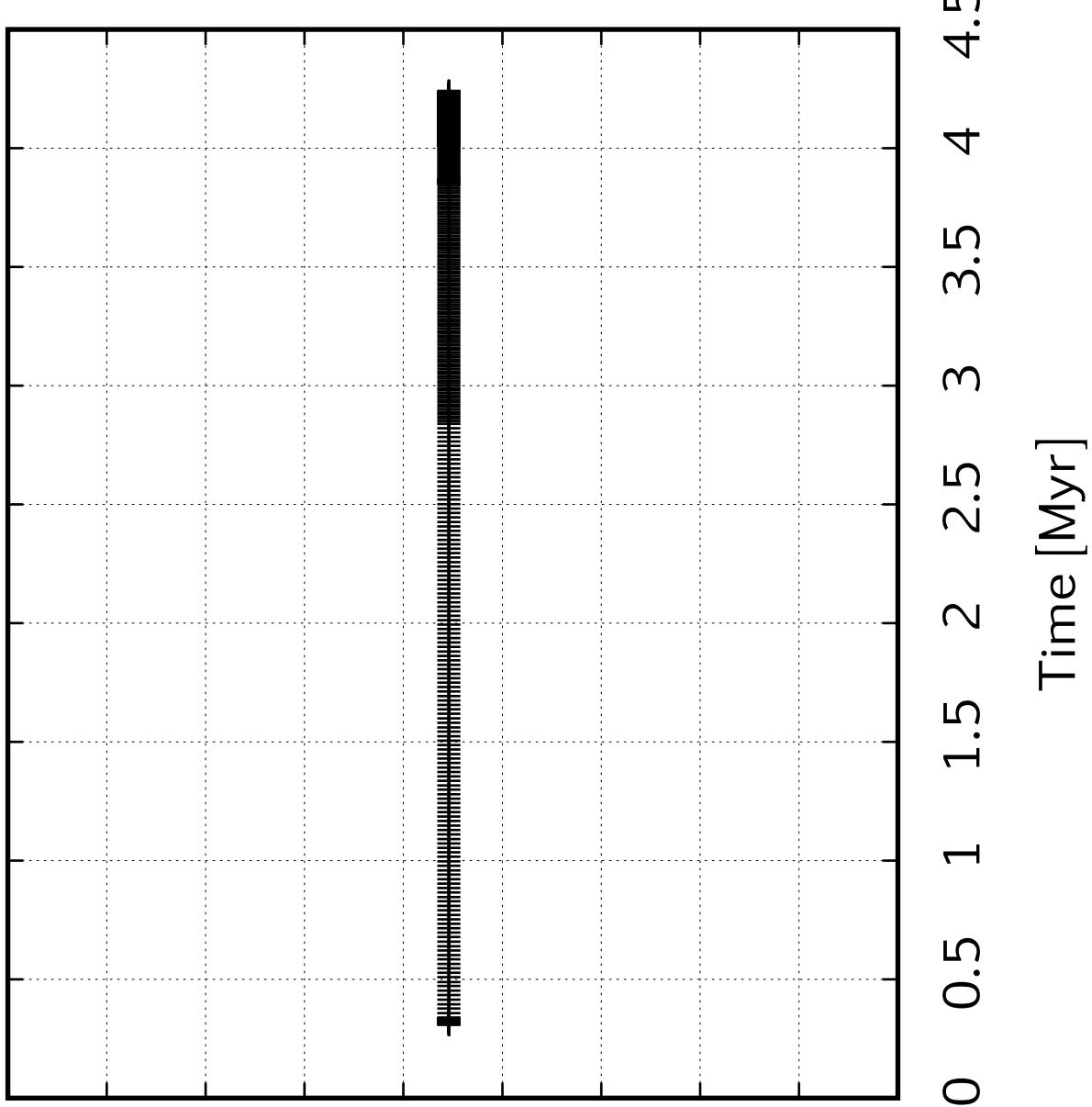
[---] Si^{29}

0.000000222
0.000000222
0.000000221
0.000000221
0.000000220
0.000000220
0.000000219
0.000000219
0.000000218
0.000000218

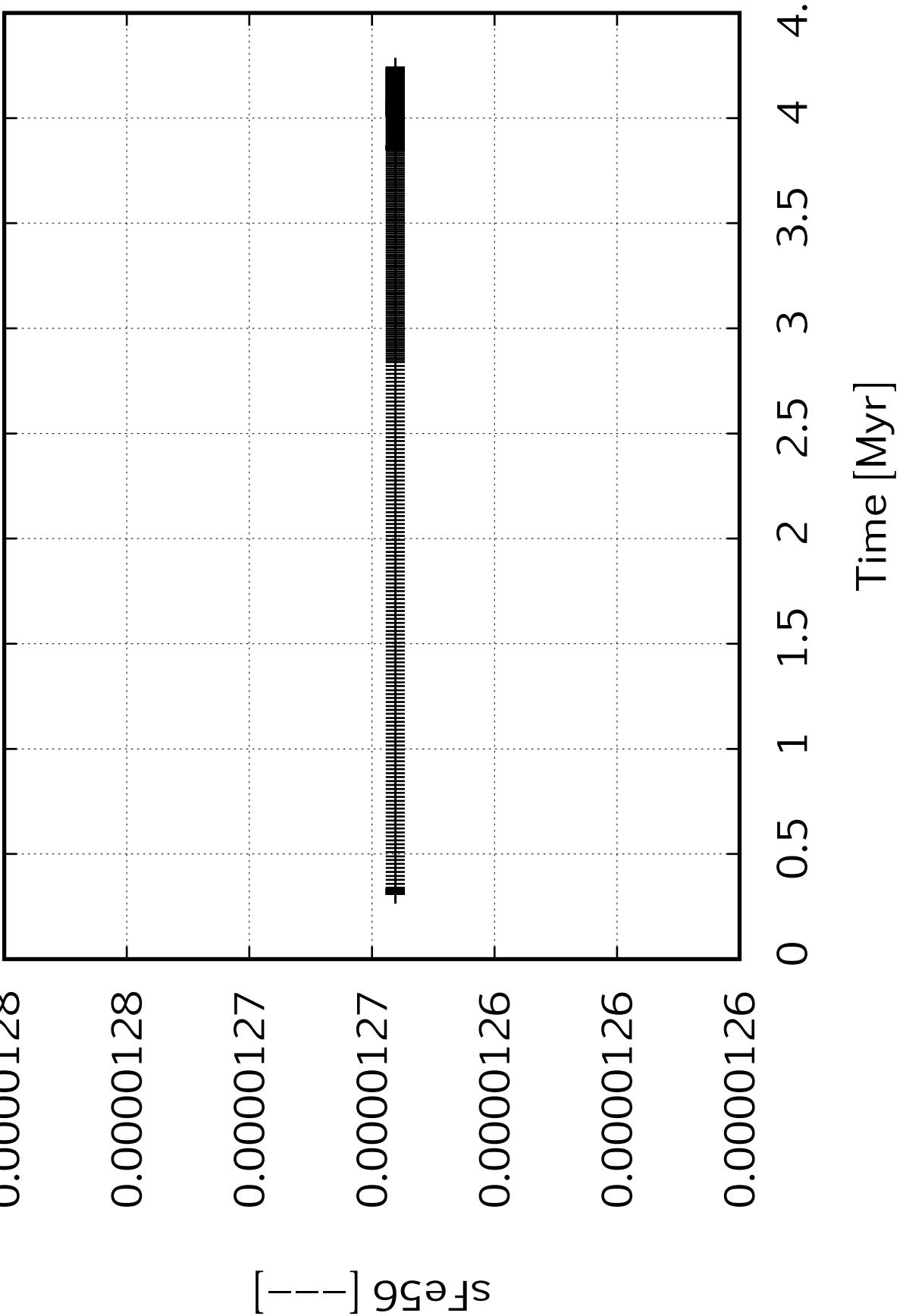
$M=40 M_{\odot}$

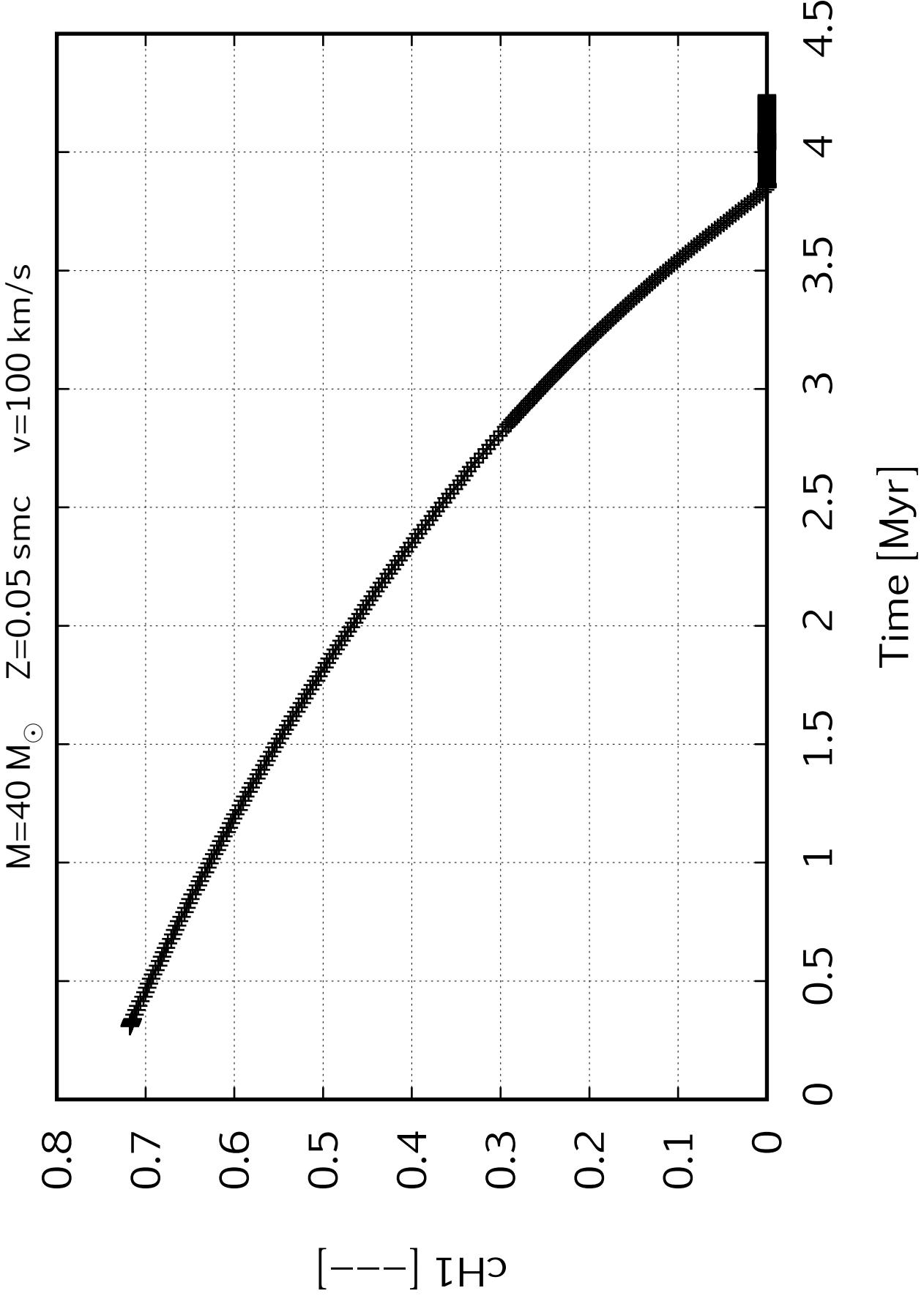
$Z=0.05 \text{ smc}$

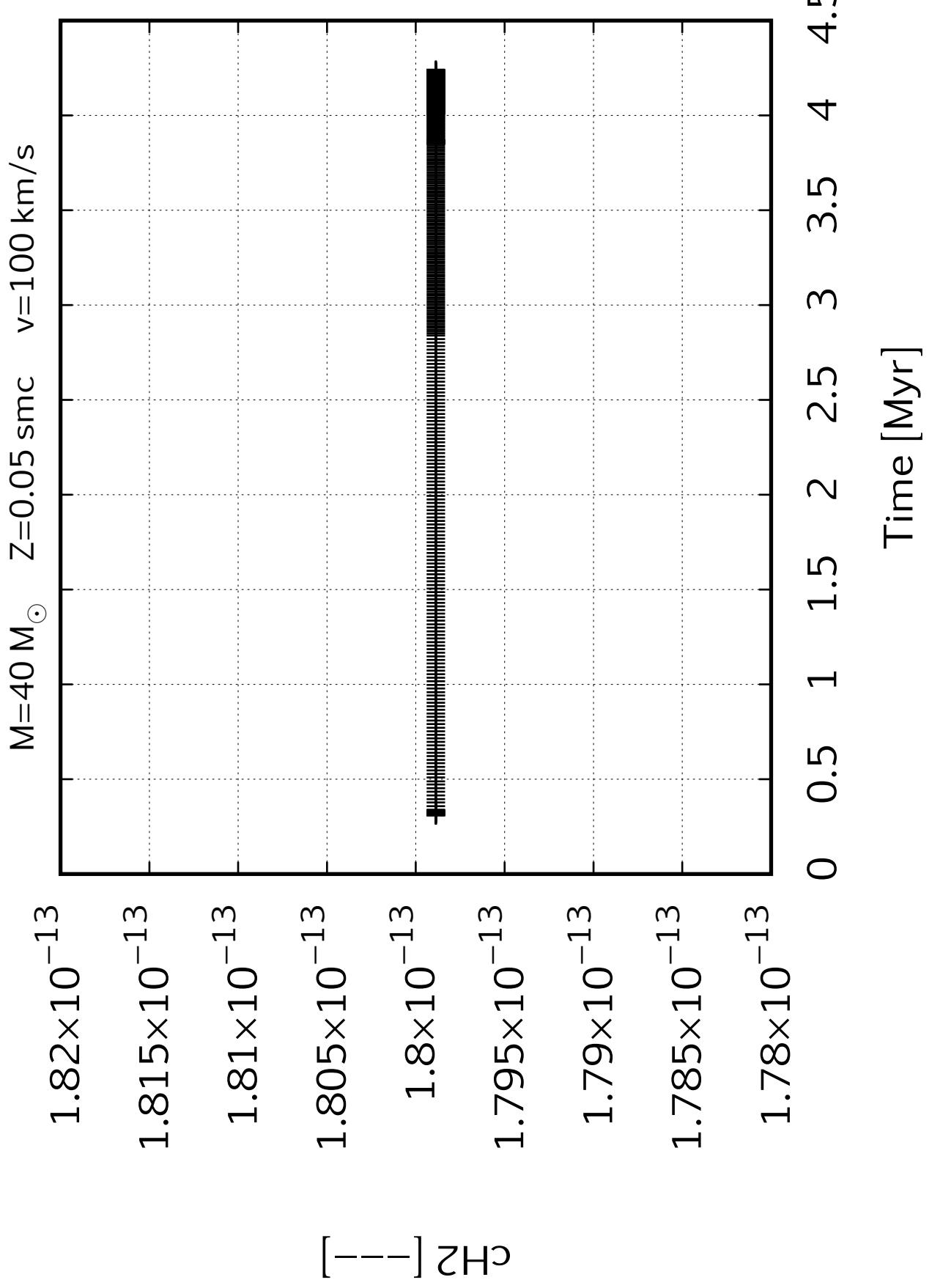
$v=100 \text{ km/s}$



$M=40 M_{\odot}$ Z=0.05 smc $v=100$ km/s



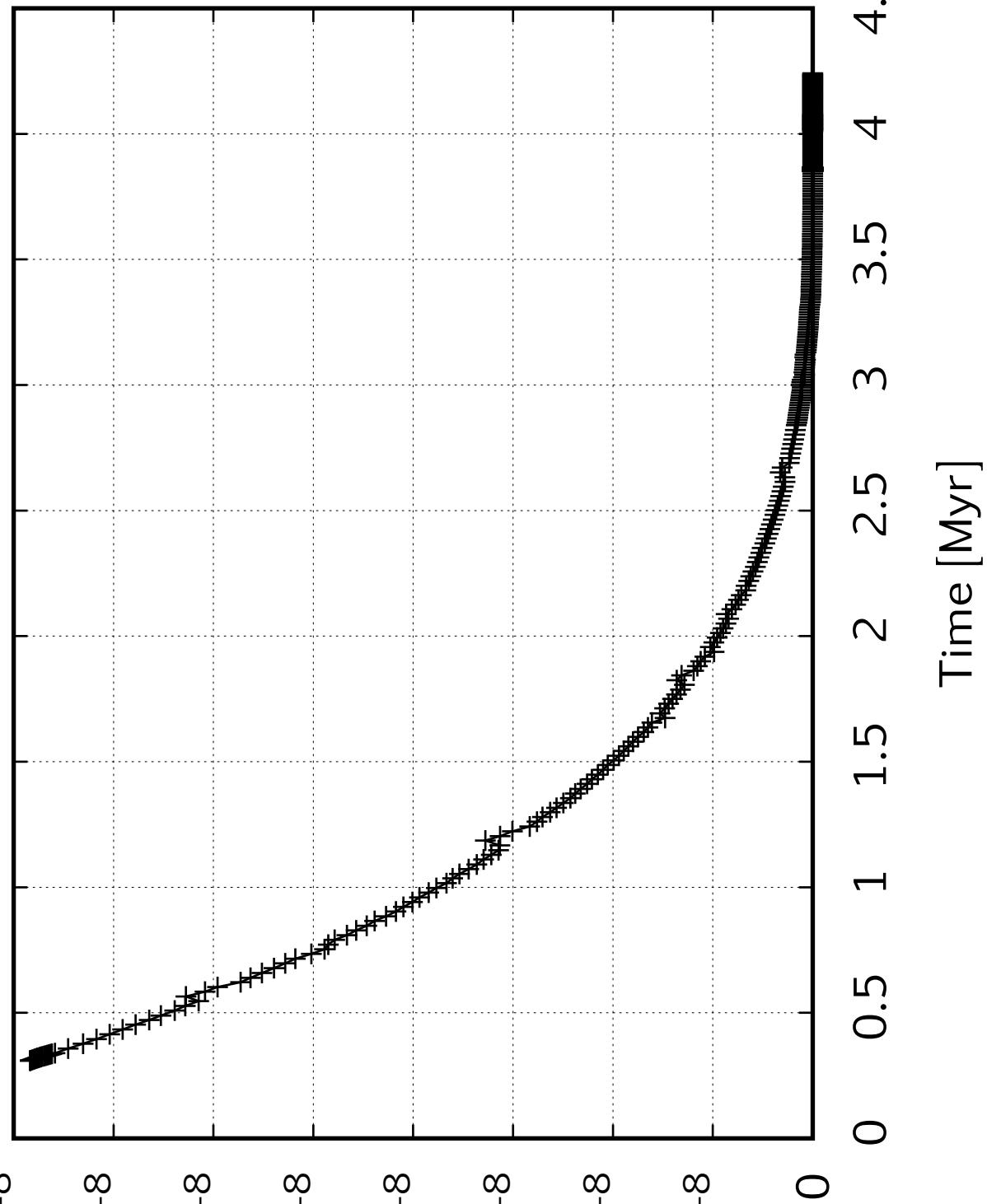


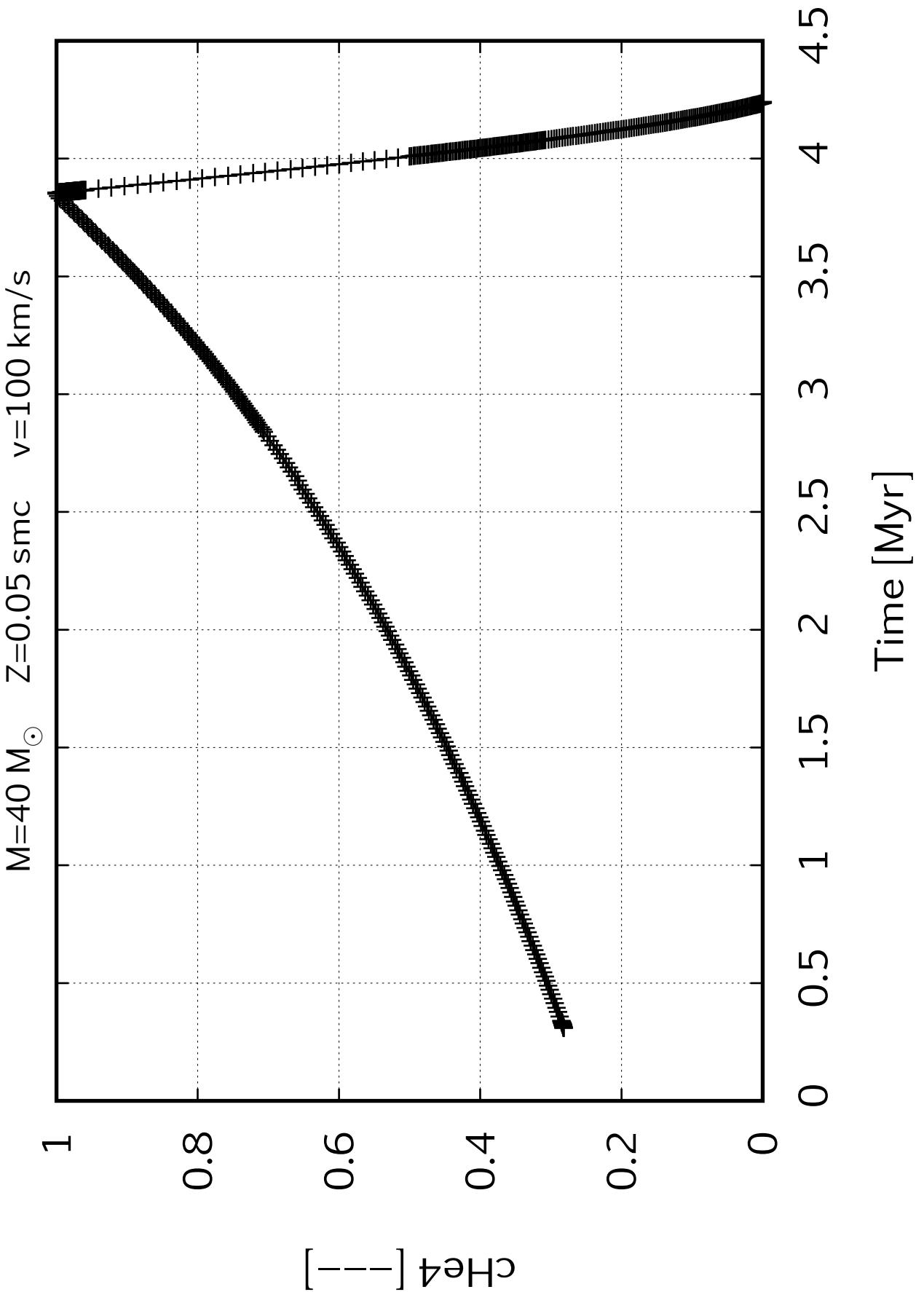


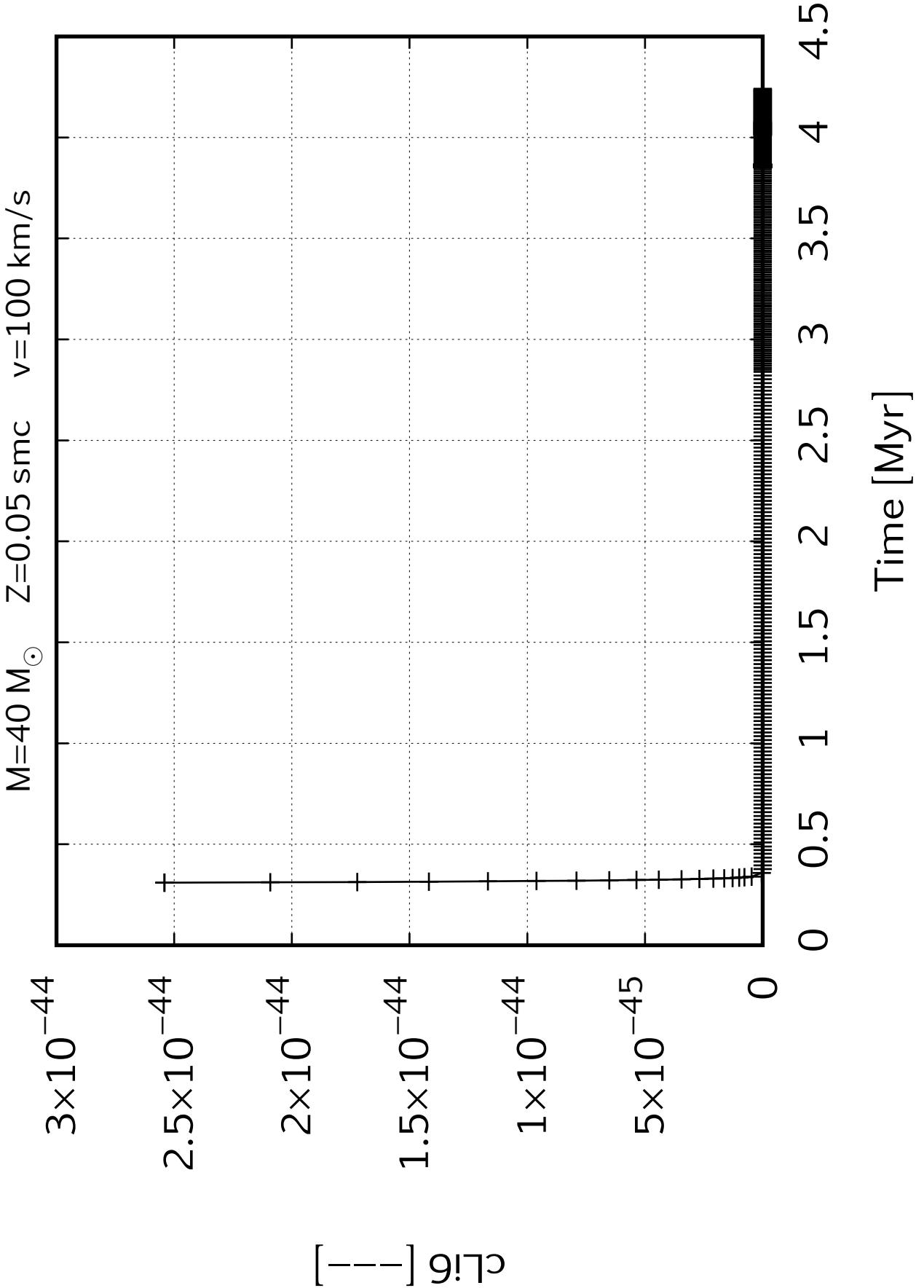
$M=40 M_{\odot}$ $Z=0.05$ smc $v=100$ km/s

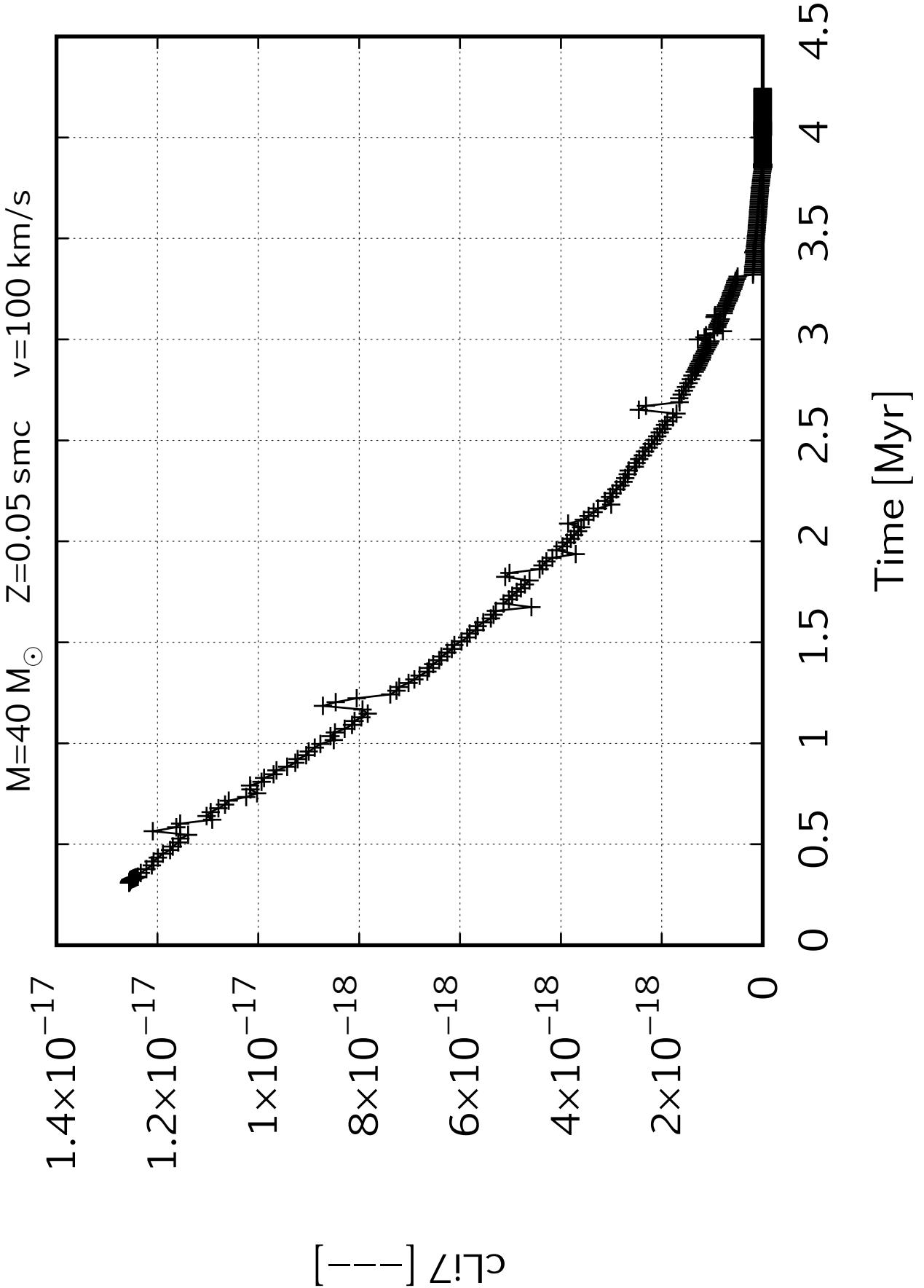
8×10^{-8}
 7×10^{-8}
 6×10^{-8}
 5×10^{-8}
 4×10^{-8}
 3×10^{-8}
 2×10^{-8}
 1×10^{-8}
0

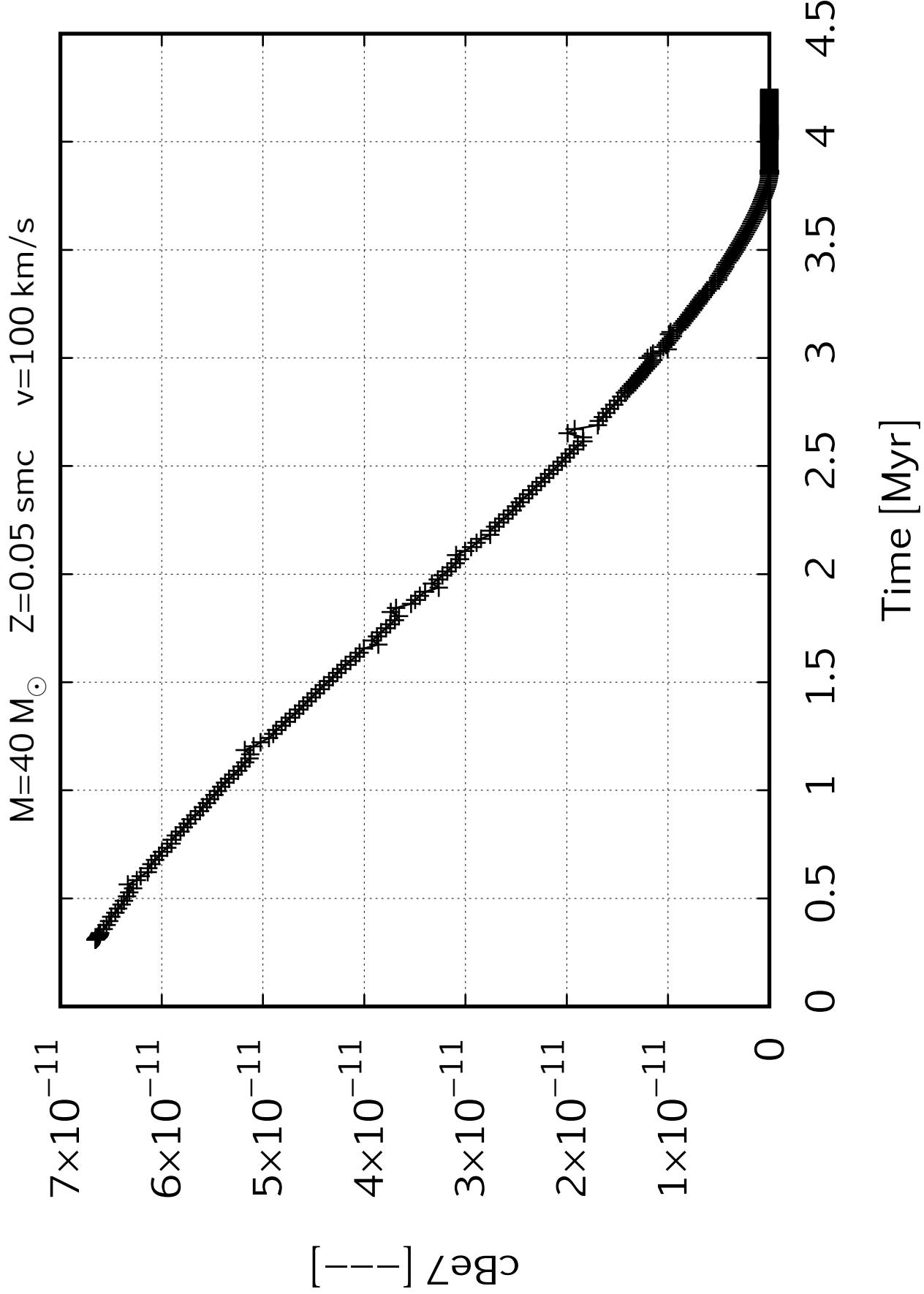
He_3 [—]

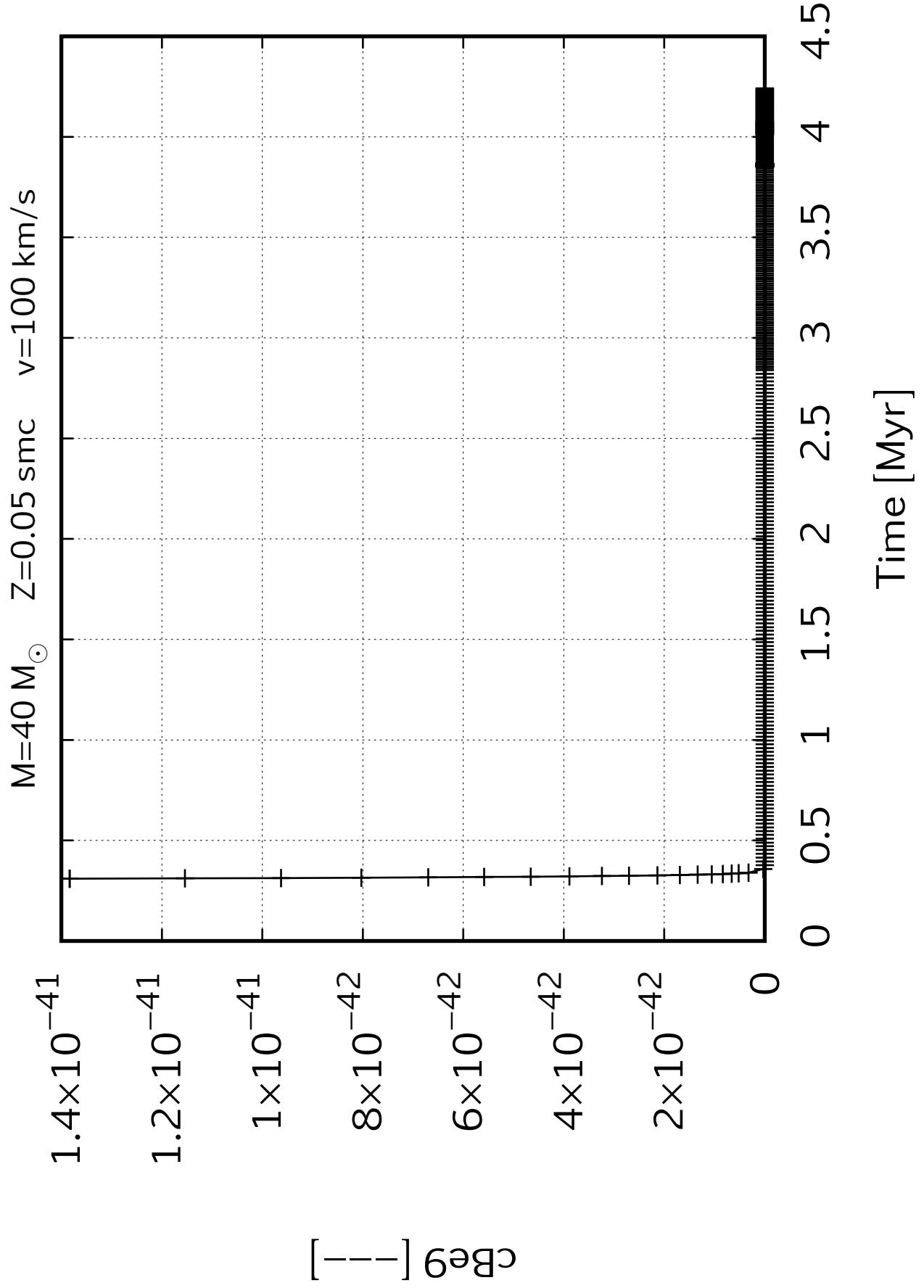


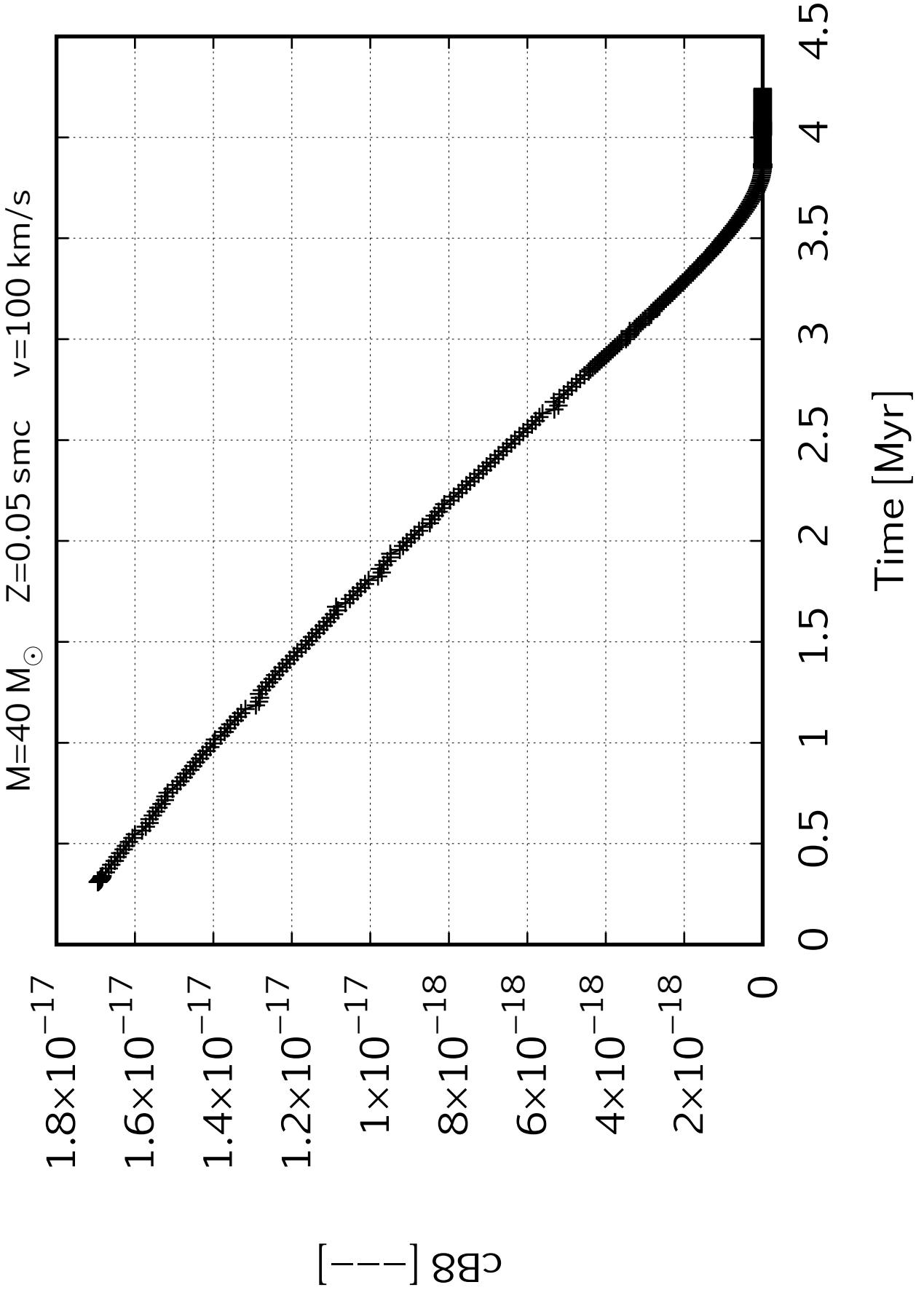


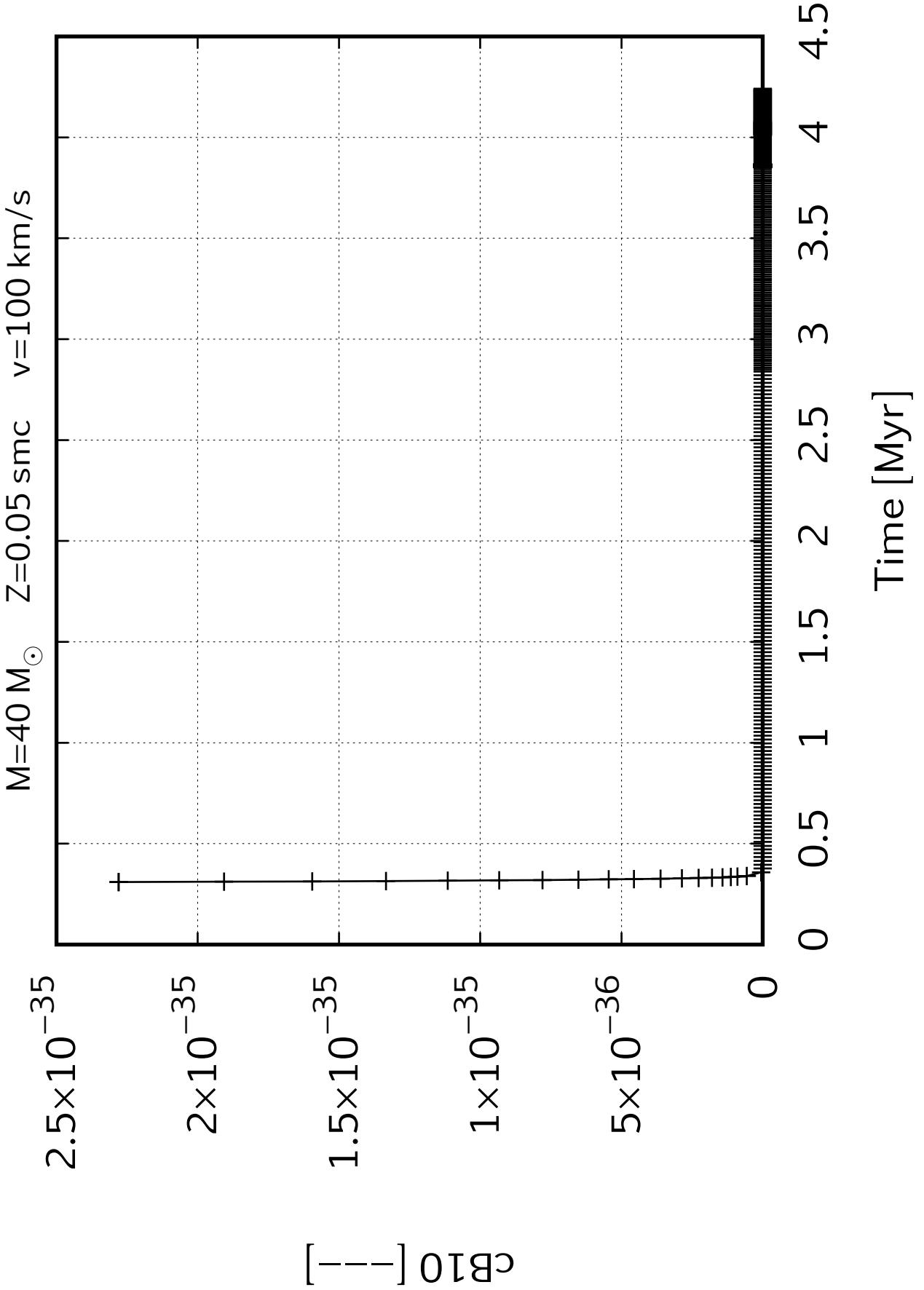


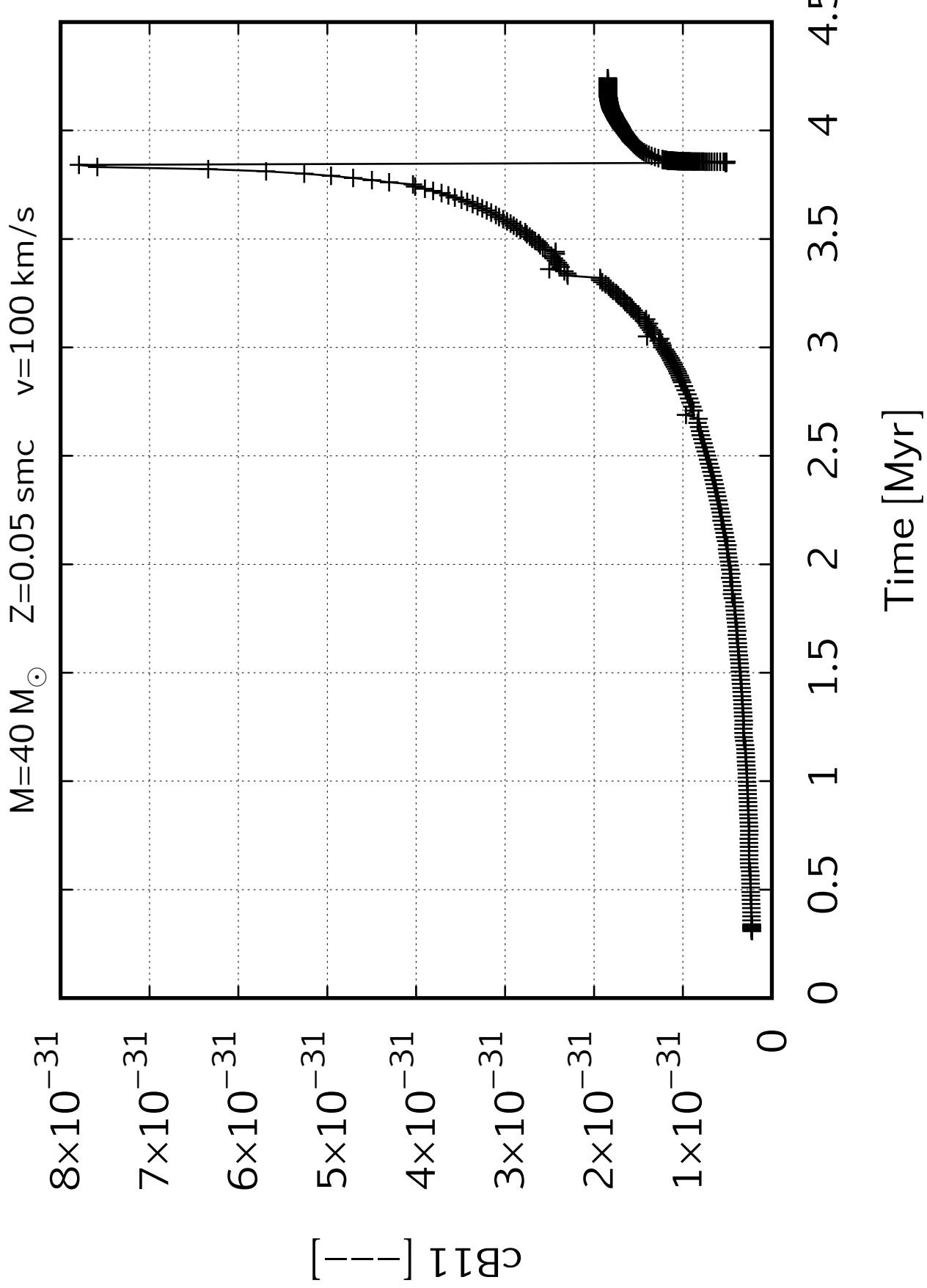


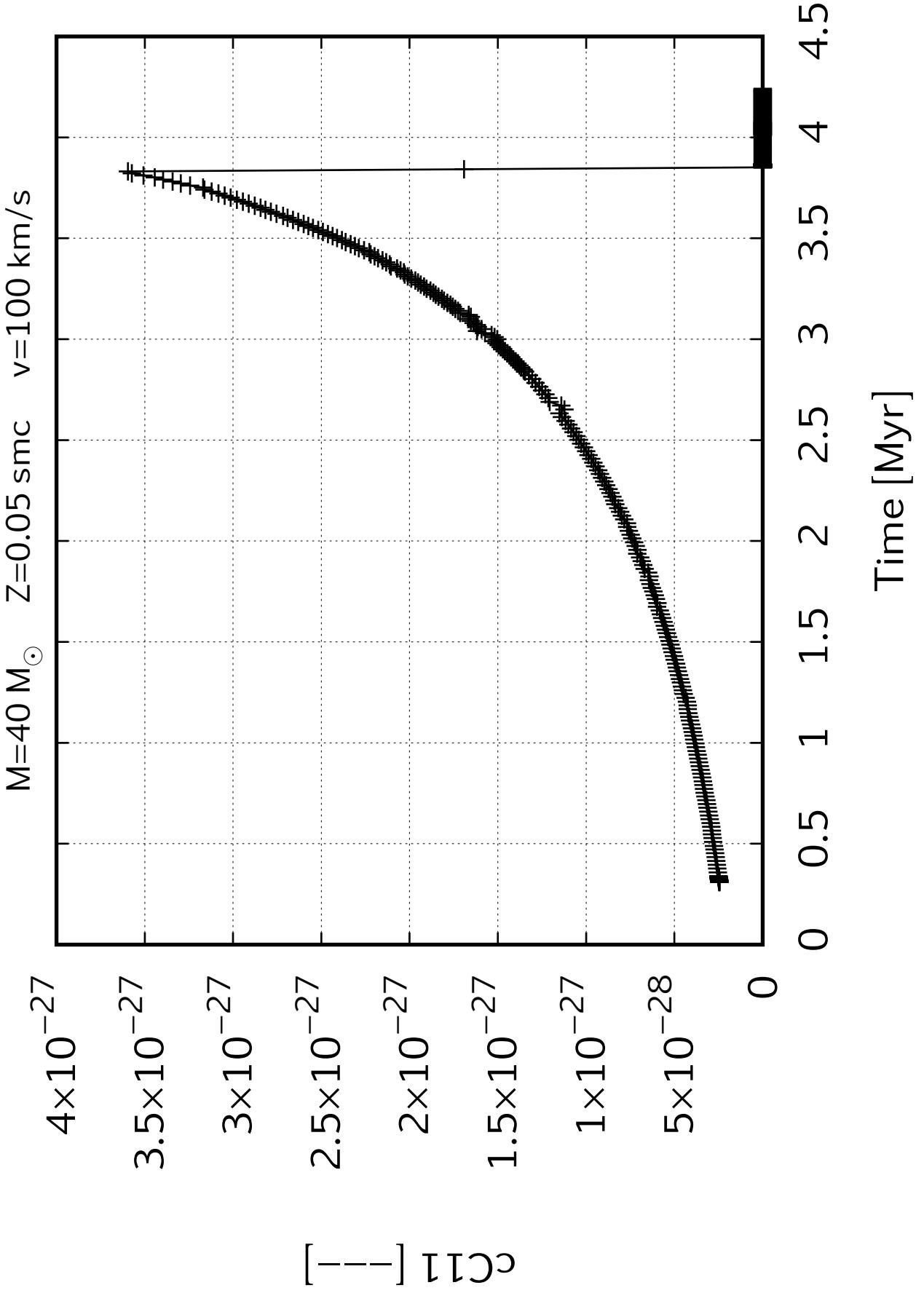


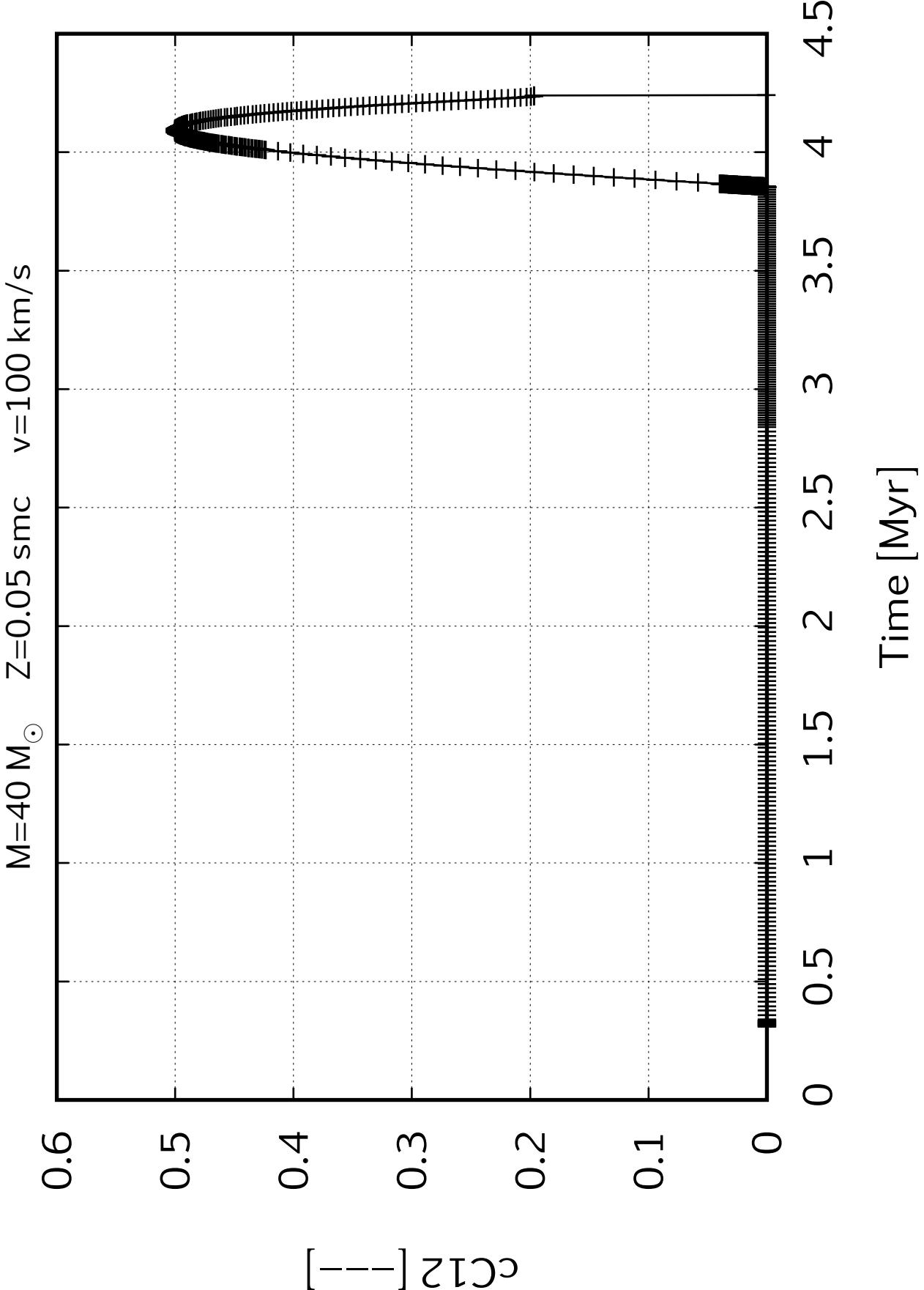


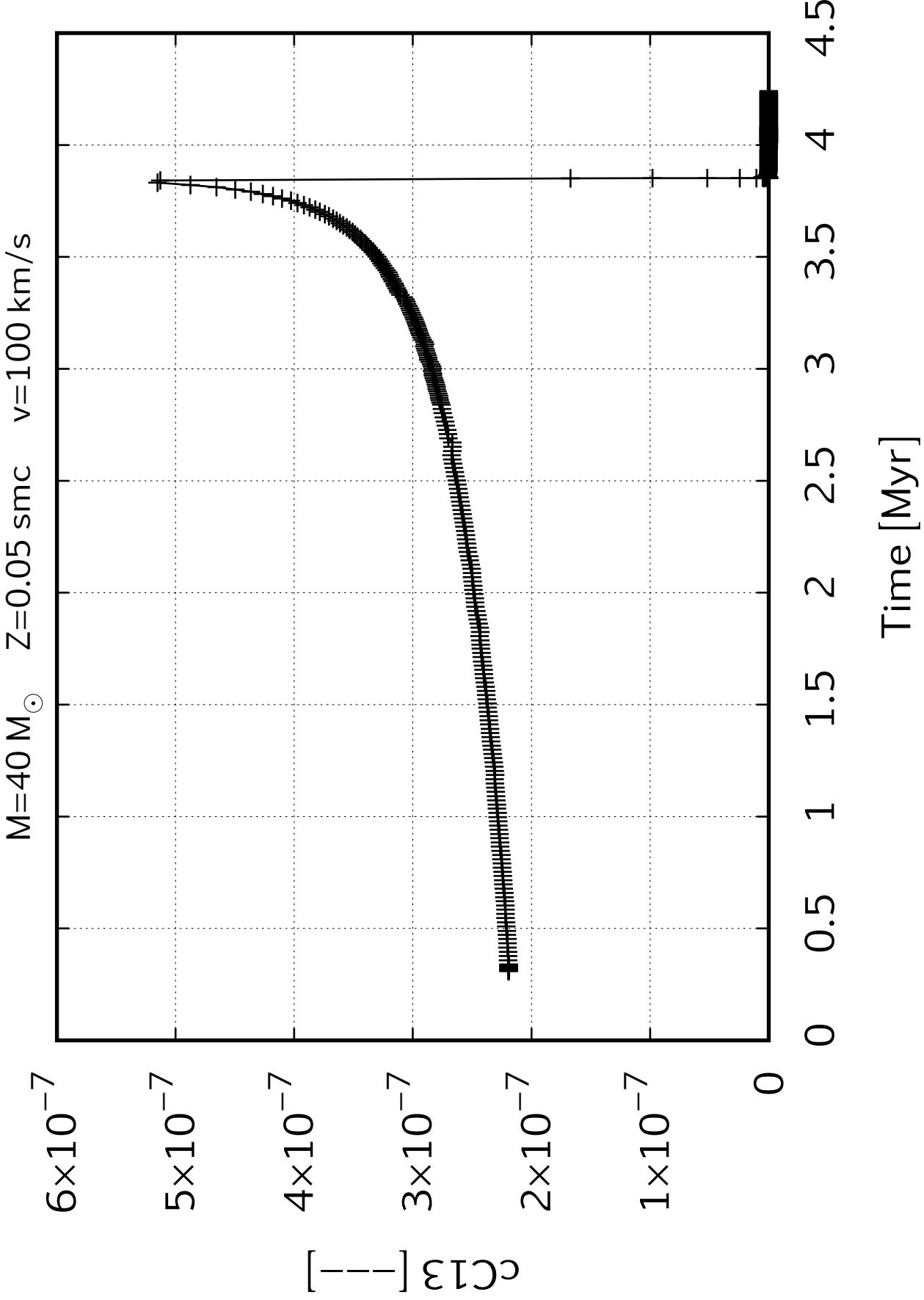


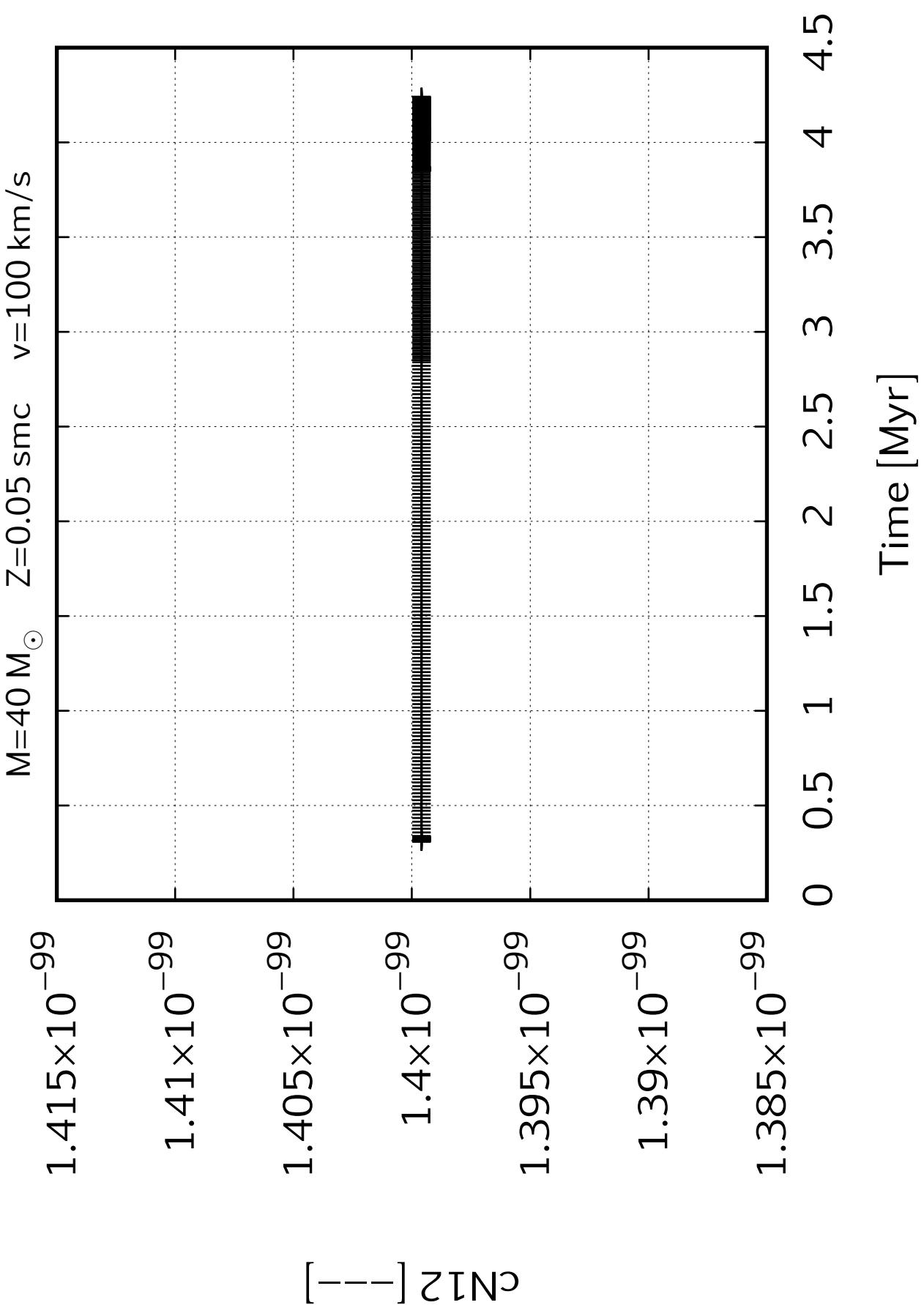












$M=40 M_{\odot}$ $Z=0.05$ smc $v=100$ km/s

7×10^{-5}

6×10^{-5}

5×10^{-5}

4×10^{-5}

3×10^{-5}

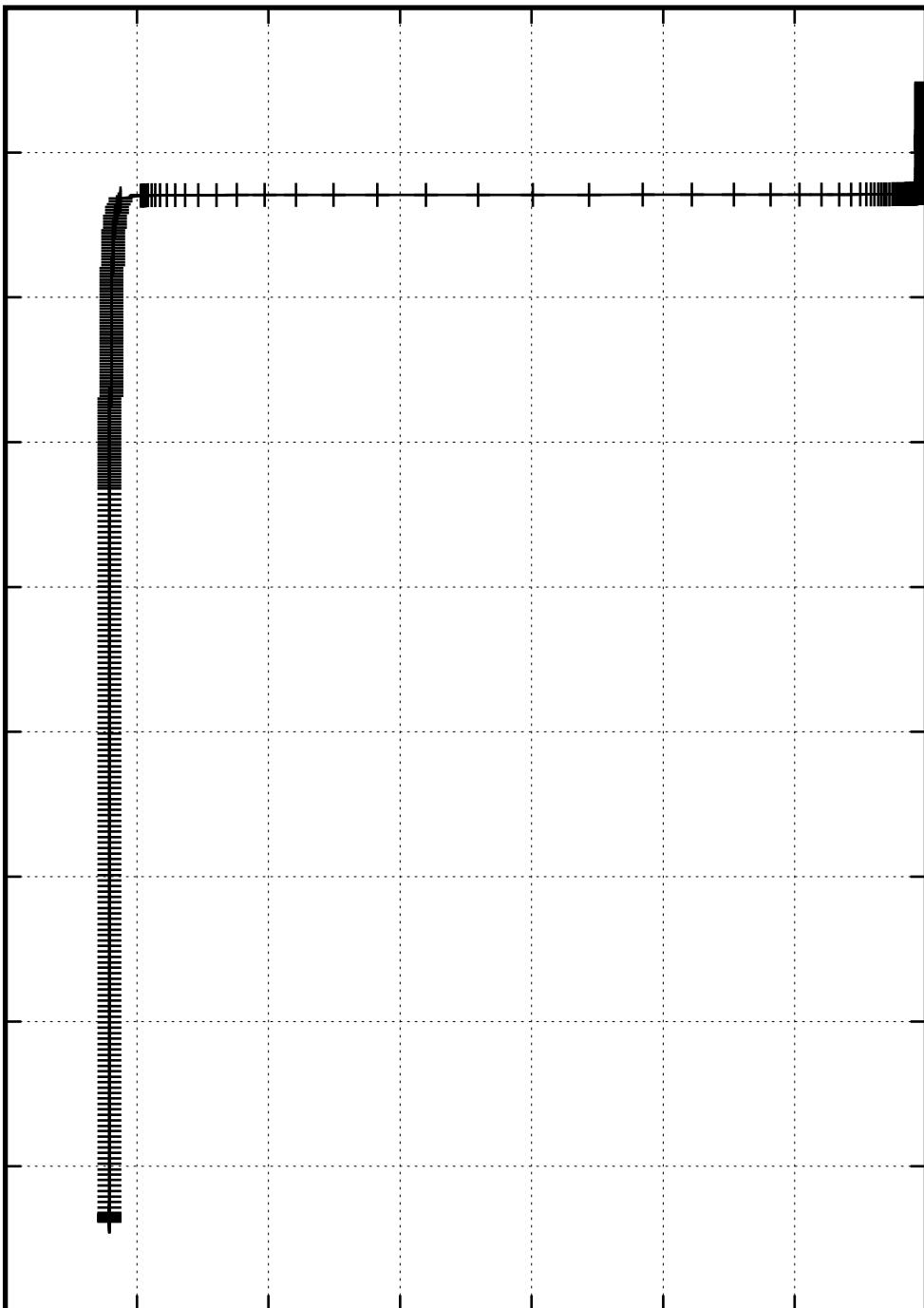
2×10^{-5}

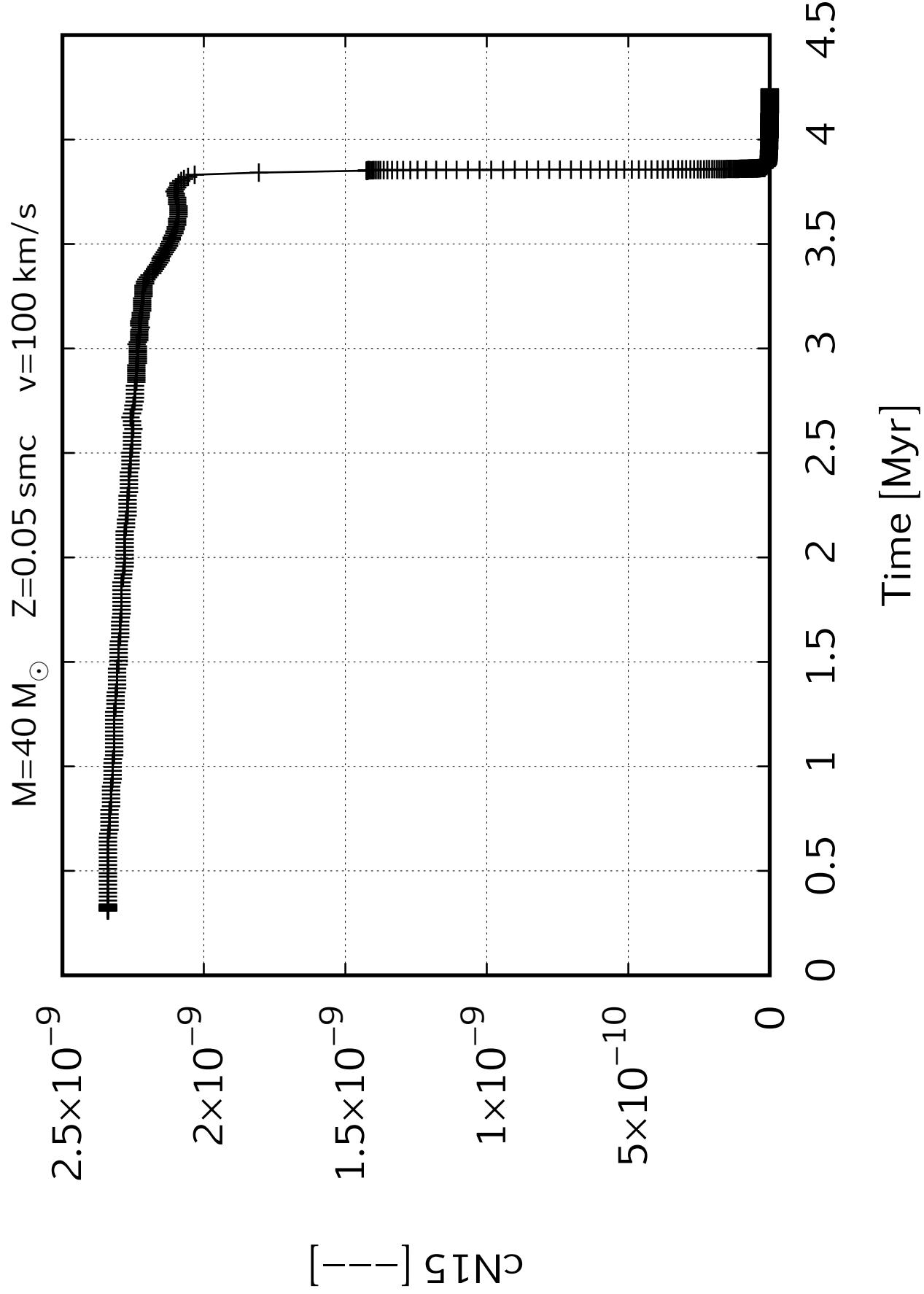
1×10^{-5}

0

$C_{N_2^4}$ [—]

0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]





$M=40 M_{\odot}$ Z=0.05 smc $v=100$ km/s

0.8

0.7

0.6

0.5

0.4

0.3

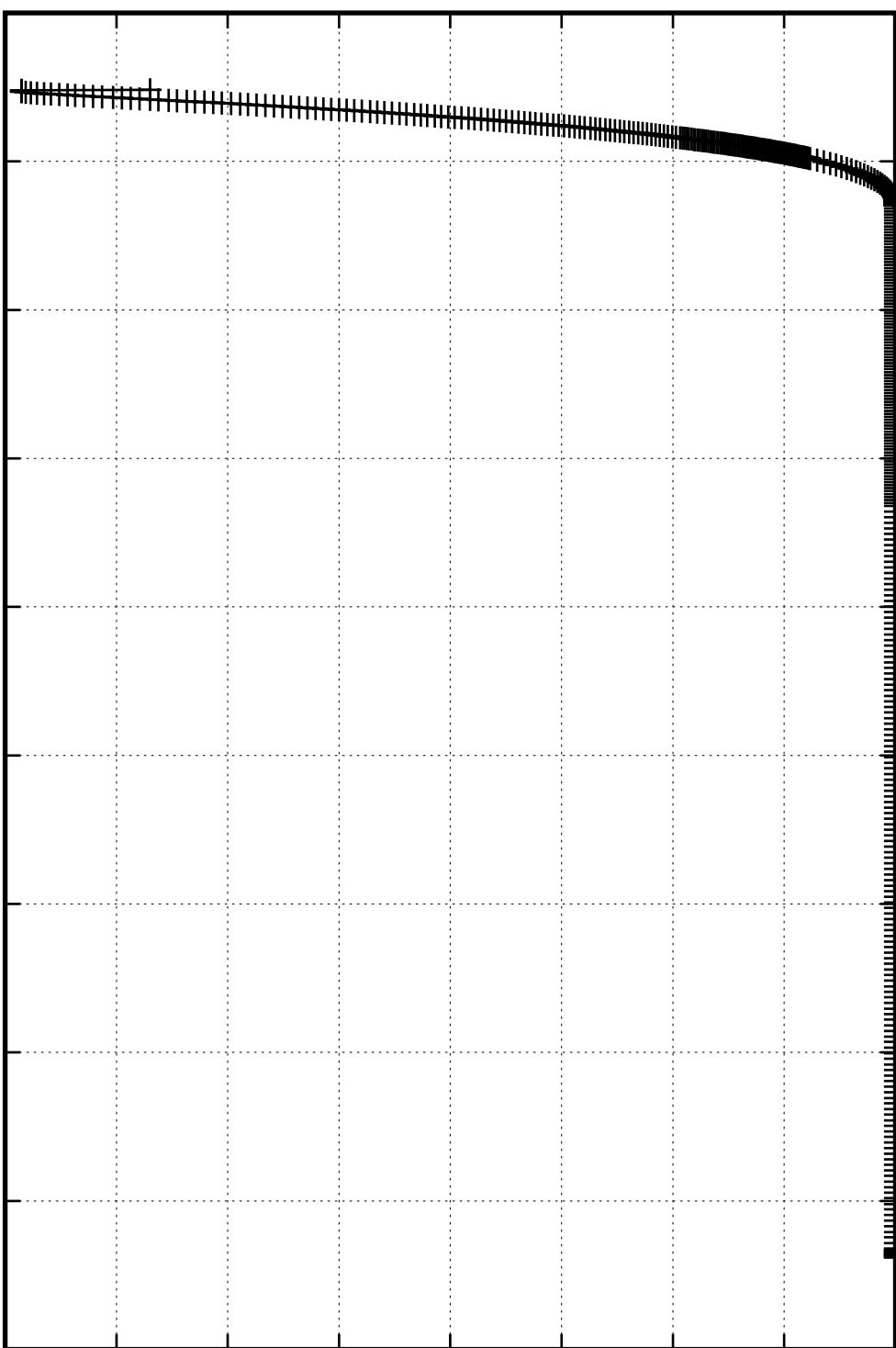
0.2

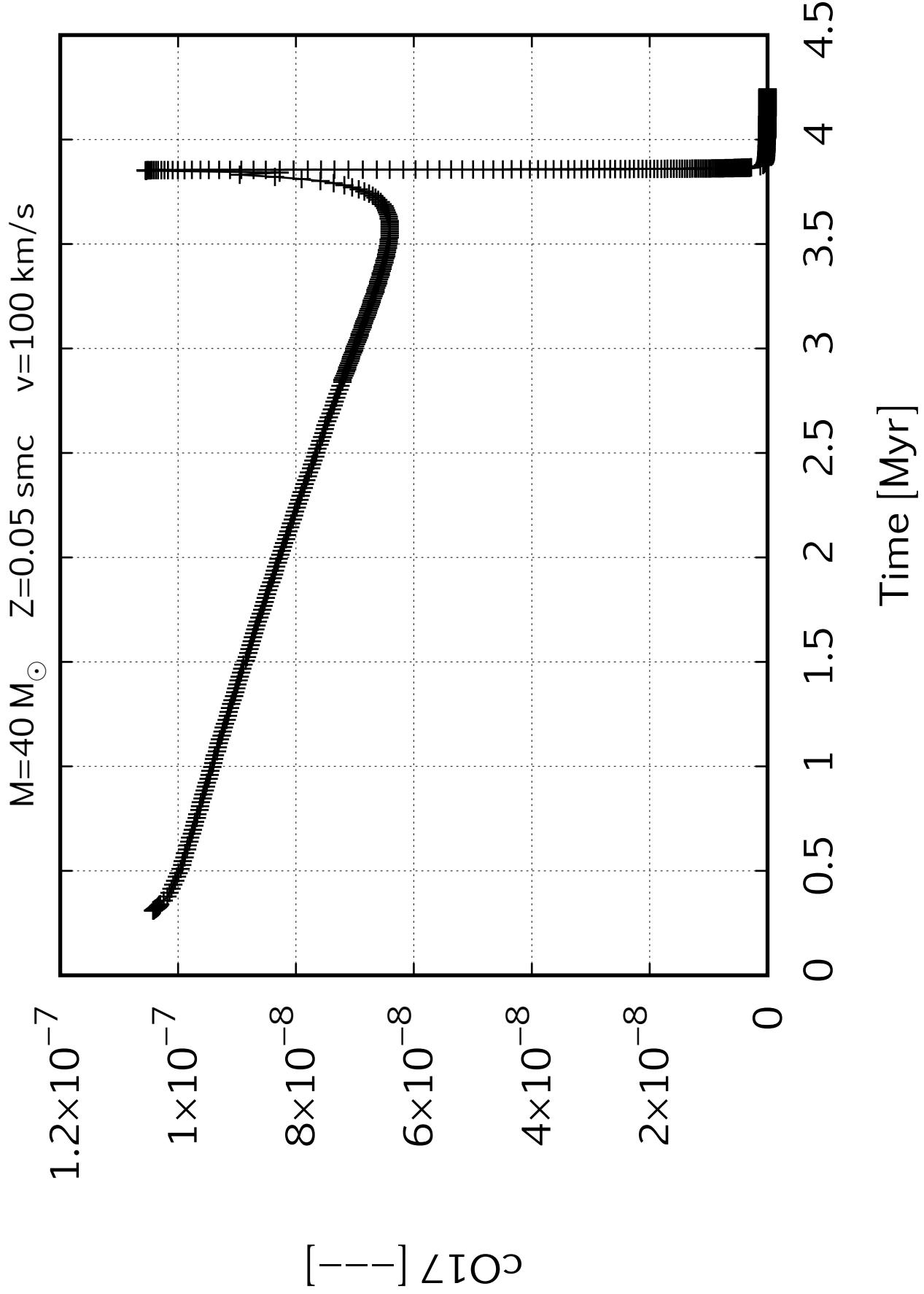
0.1

0

[---] CO16

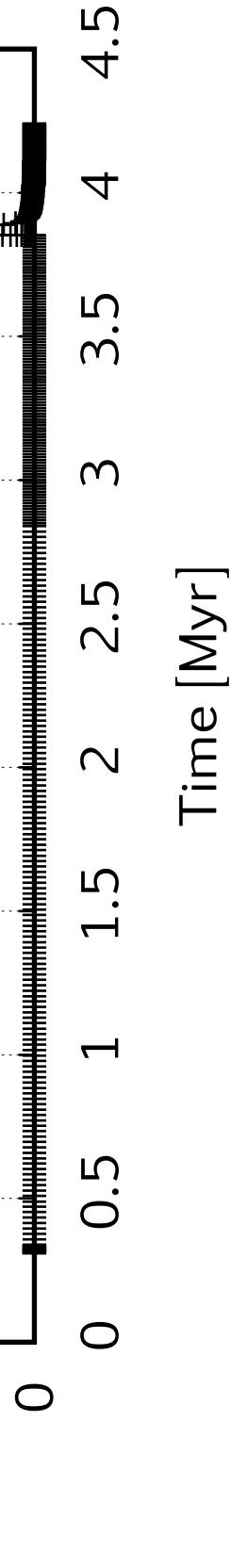
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

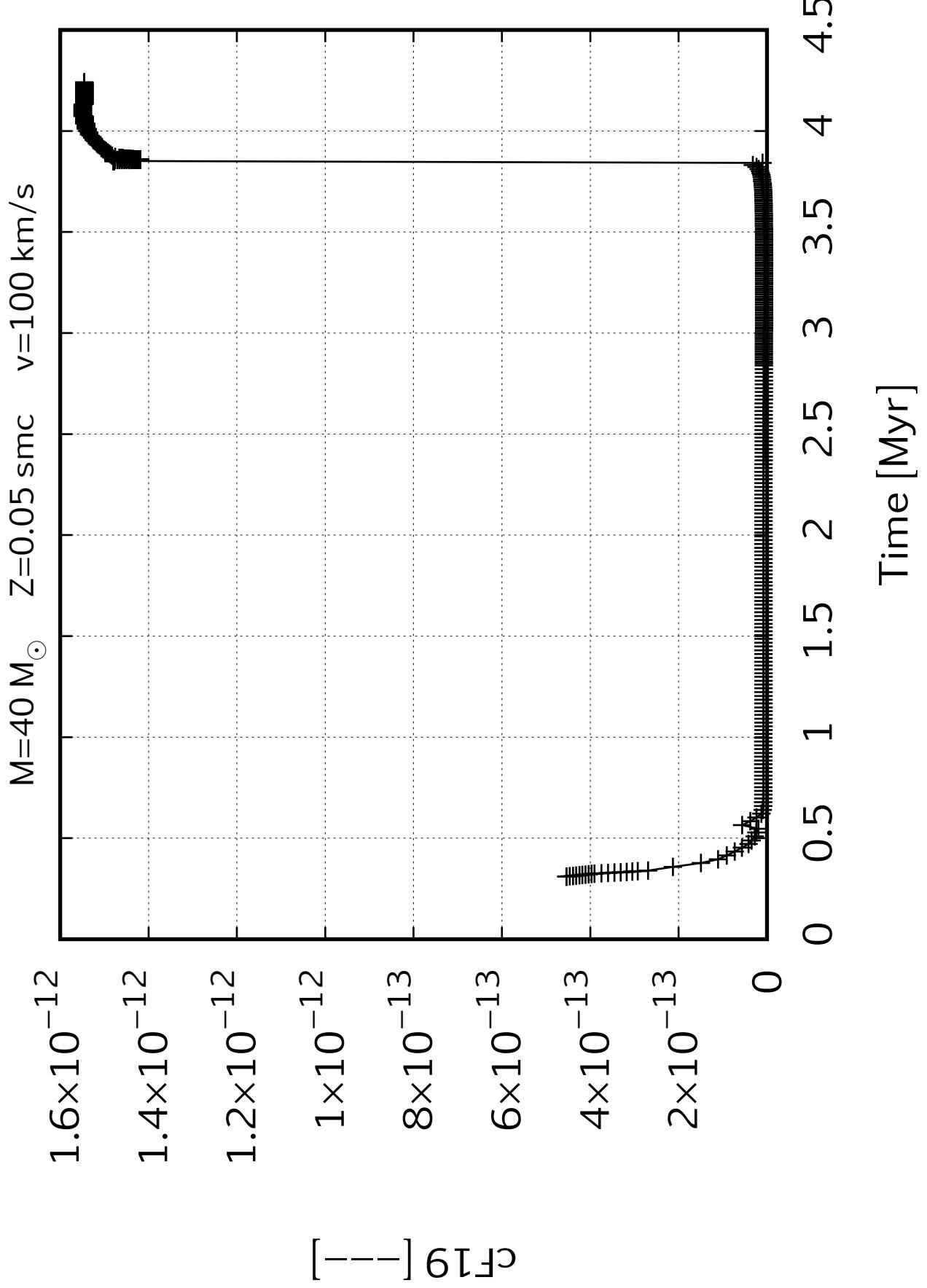


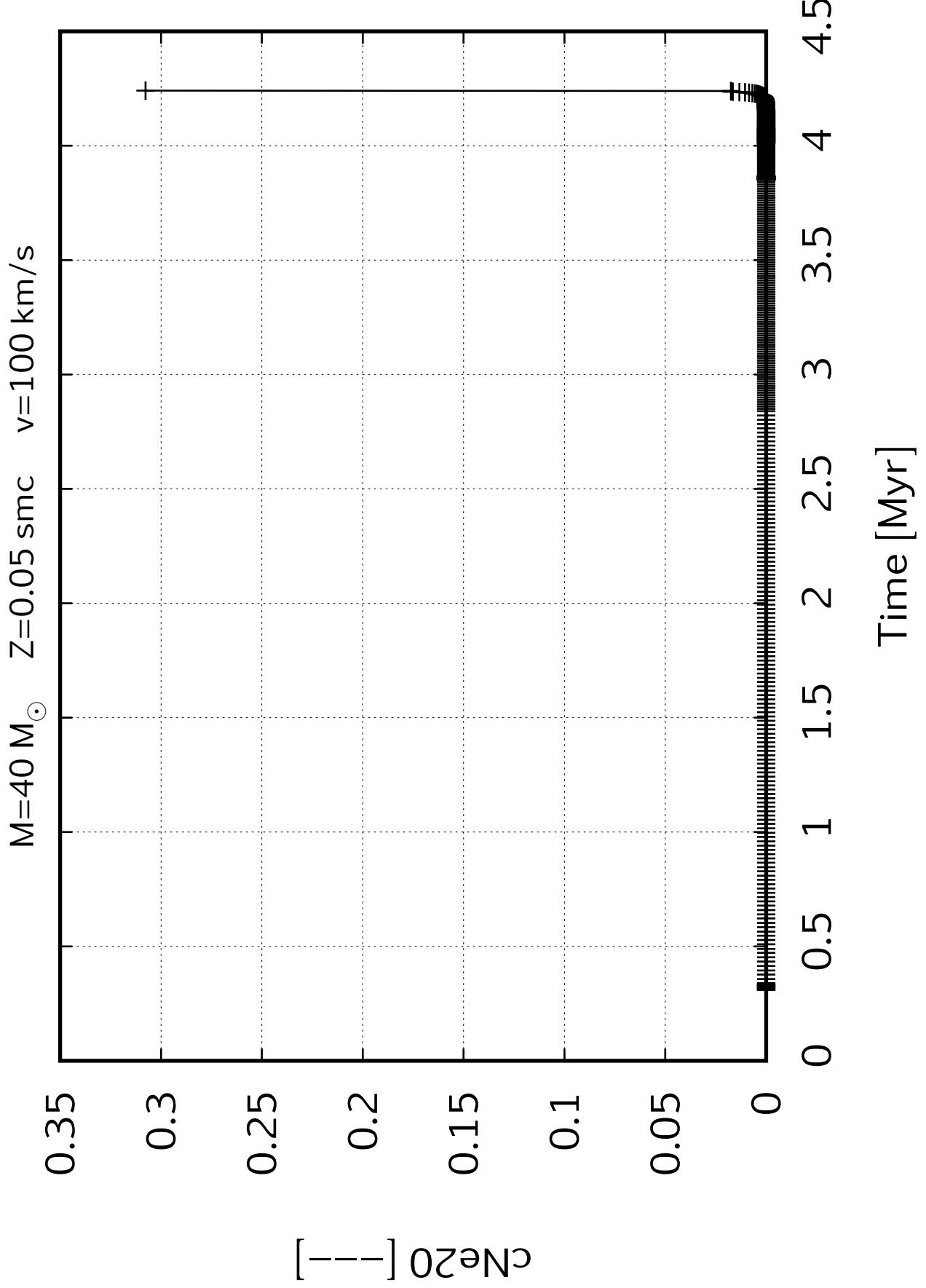


$M=40 M_{\odot}$ $Z=0.05$ smc $v=100$ km/s

[CO^{18}]



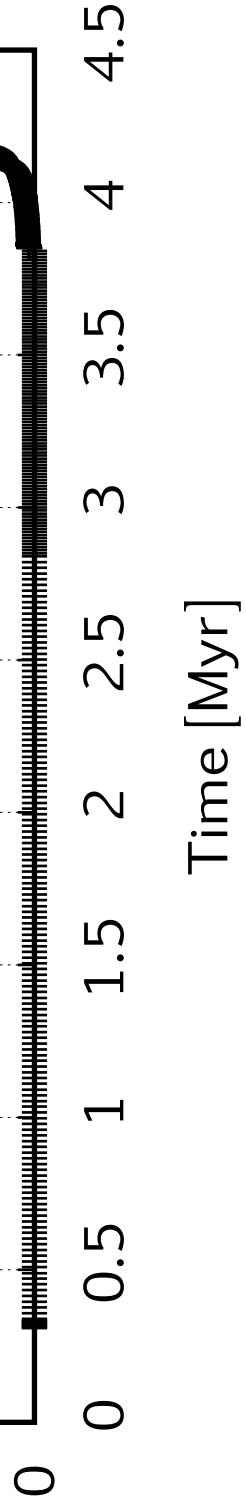


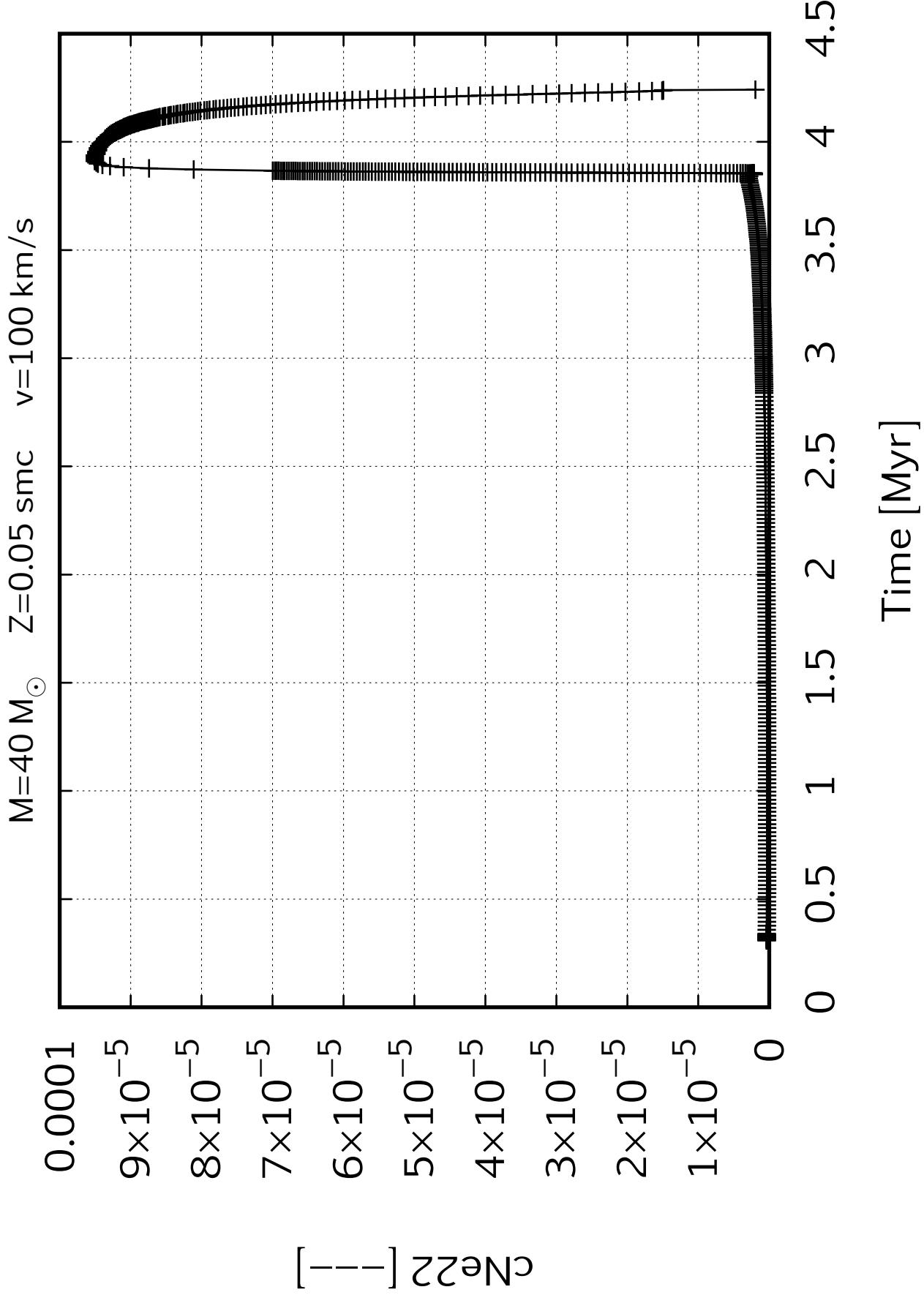


$M=40 M_{\odot}$ $Z=0.05$ smc $v=100$ km/s

C_{Ne21} [—]

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





$M=40 M_{\odot}$ $Z=0.05$ smc $v=100$ km/s

7×10^{-6}

6×10^{-6}

5×10^{-6}

4×10^{-6}

3×10^{-6}

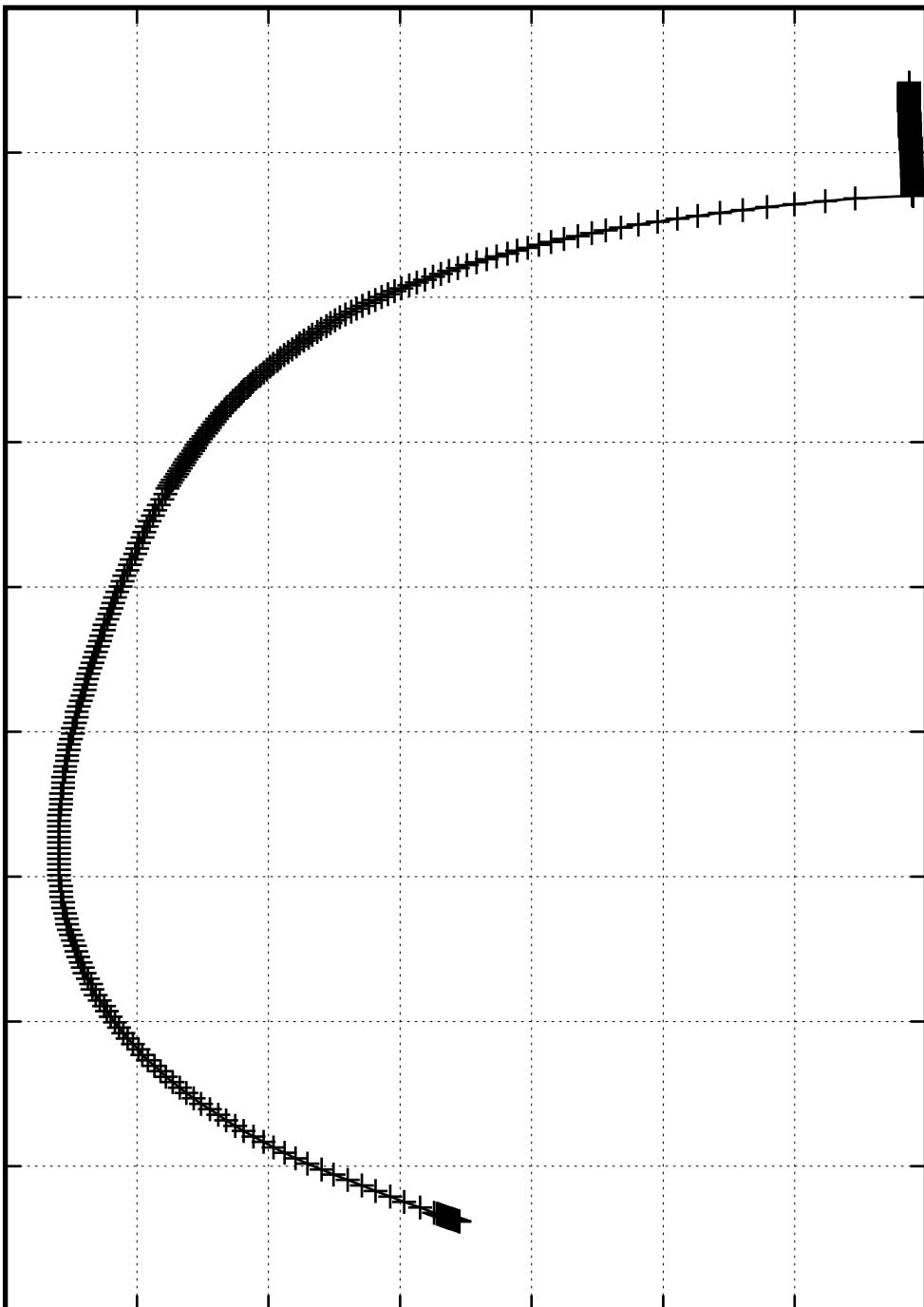
2×10^{-6}

1×10^{-6}

0

CNa23 [—]

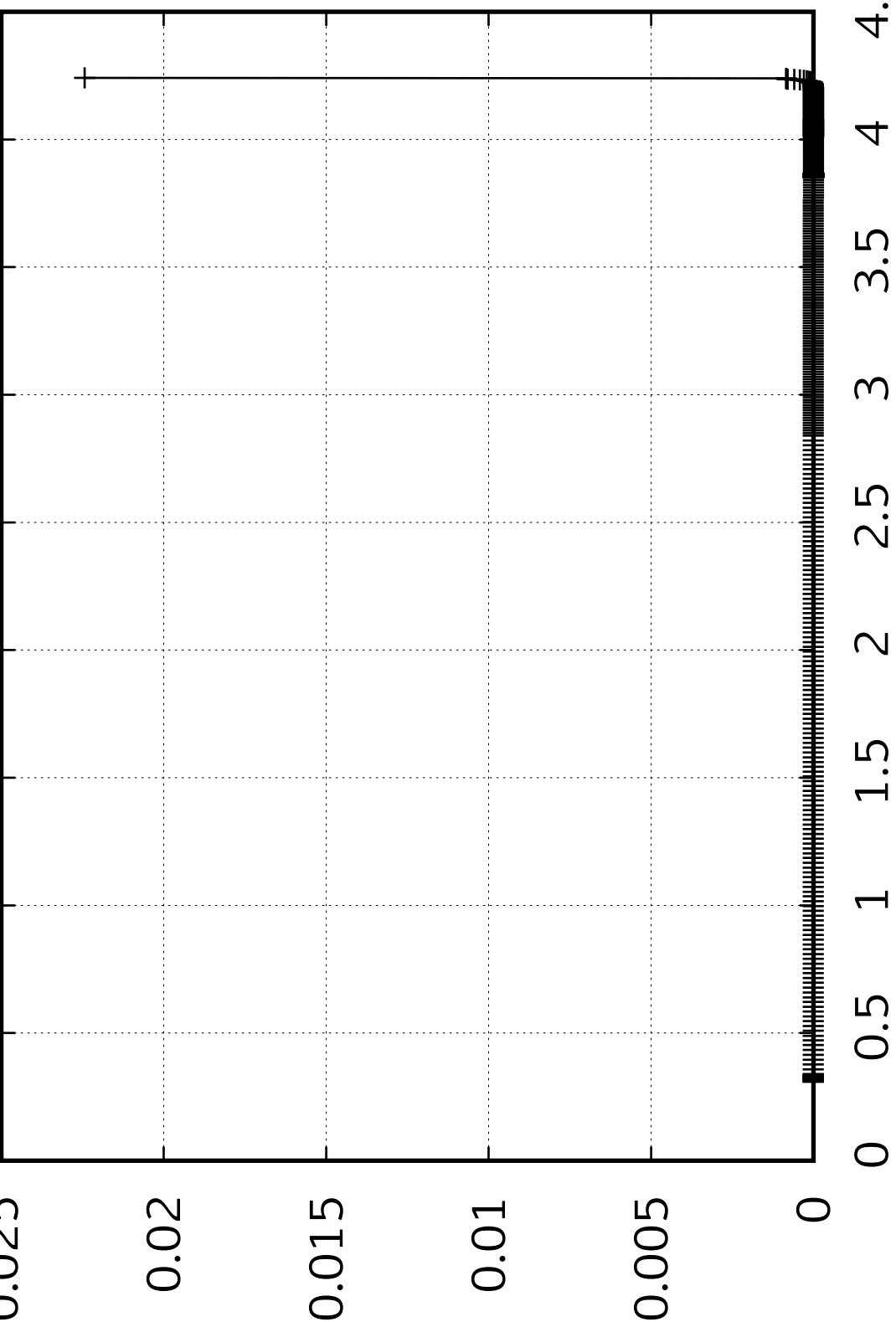
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]

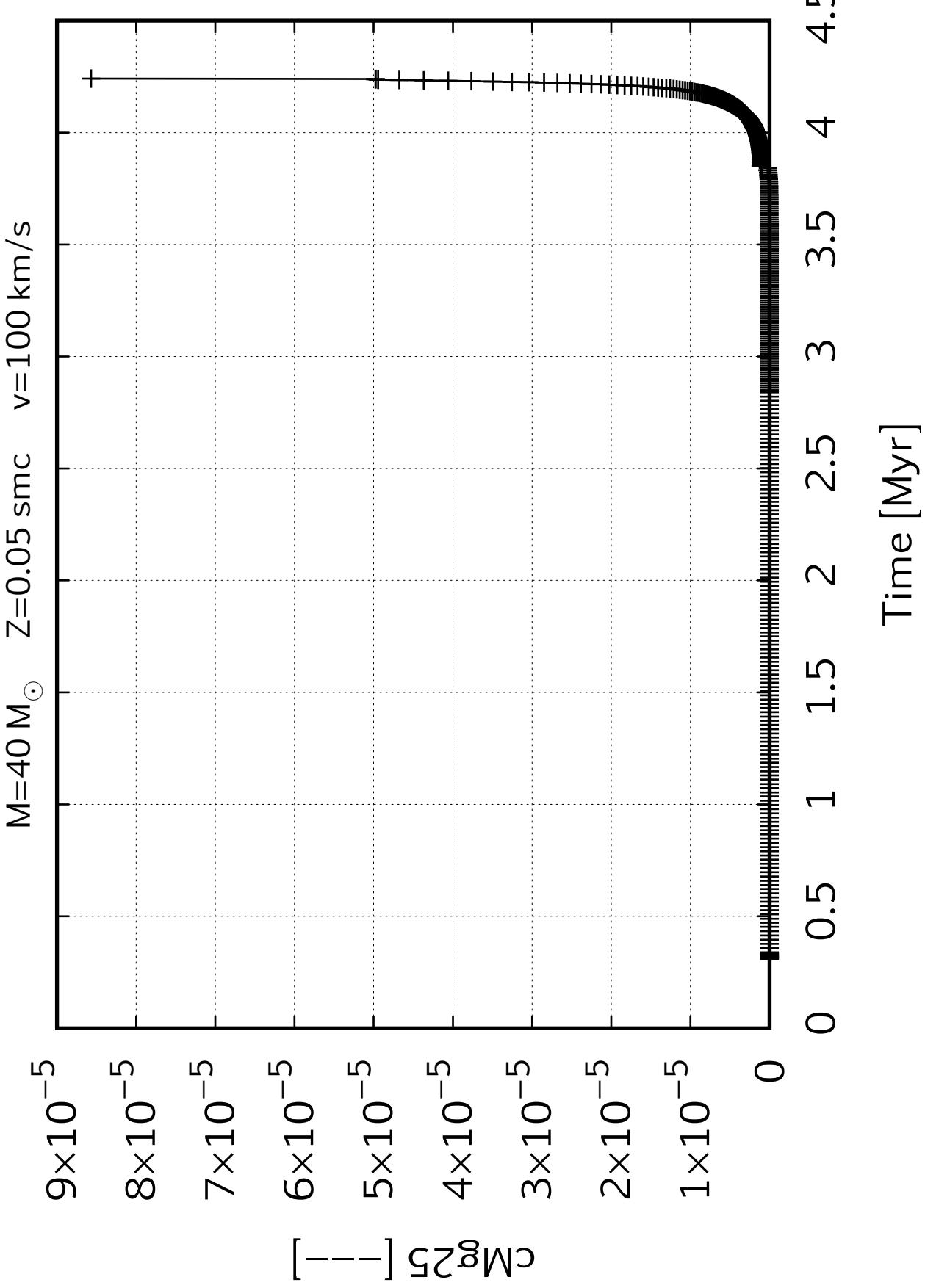


$M=40 M_{\odot}$ $Z=0.05$ smc $v=100$ km/s

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

Time [Myr]

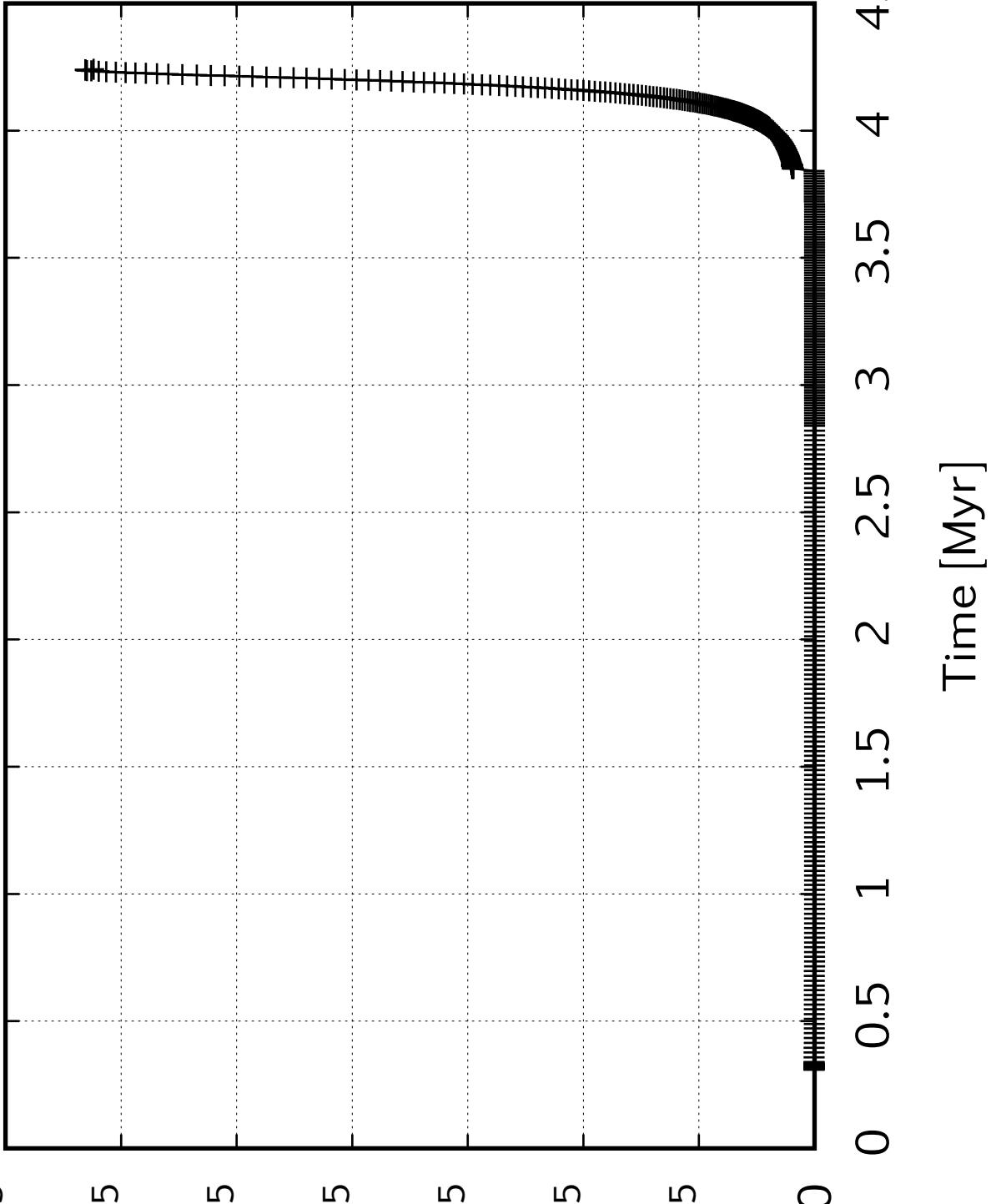


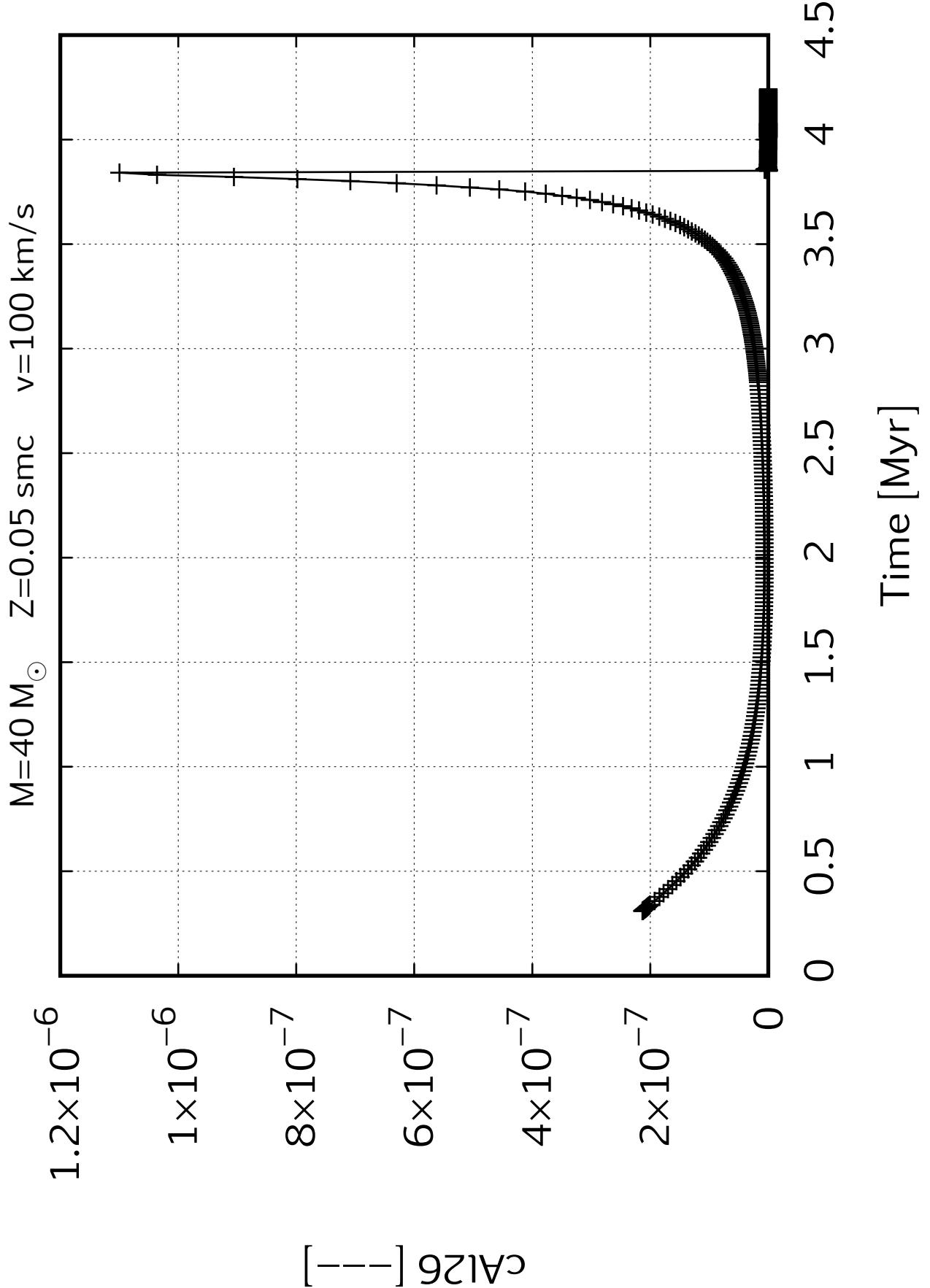


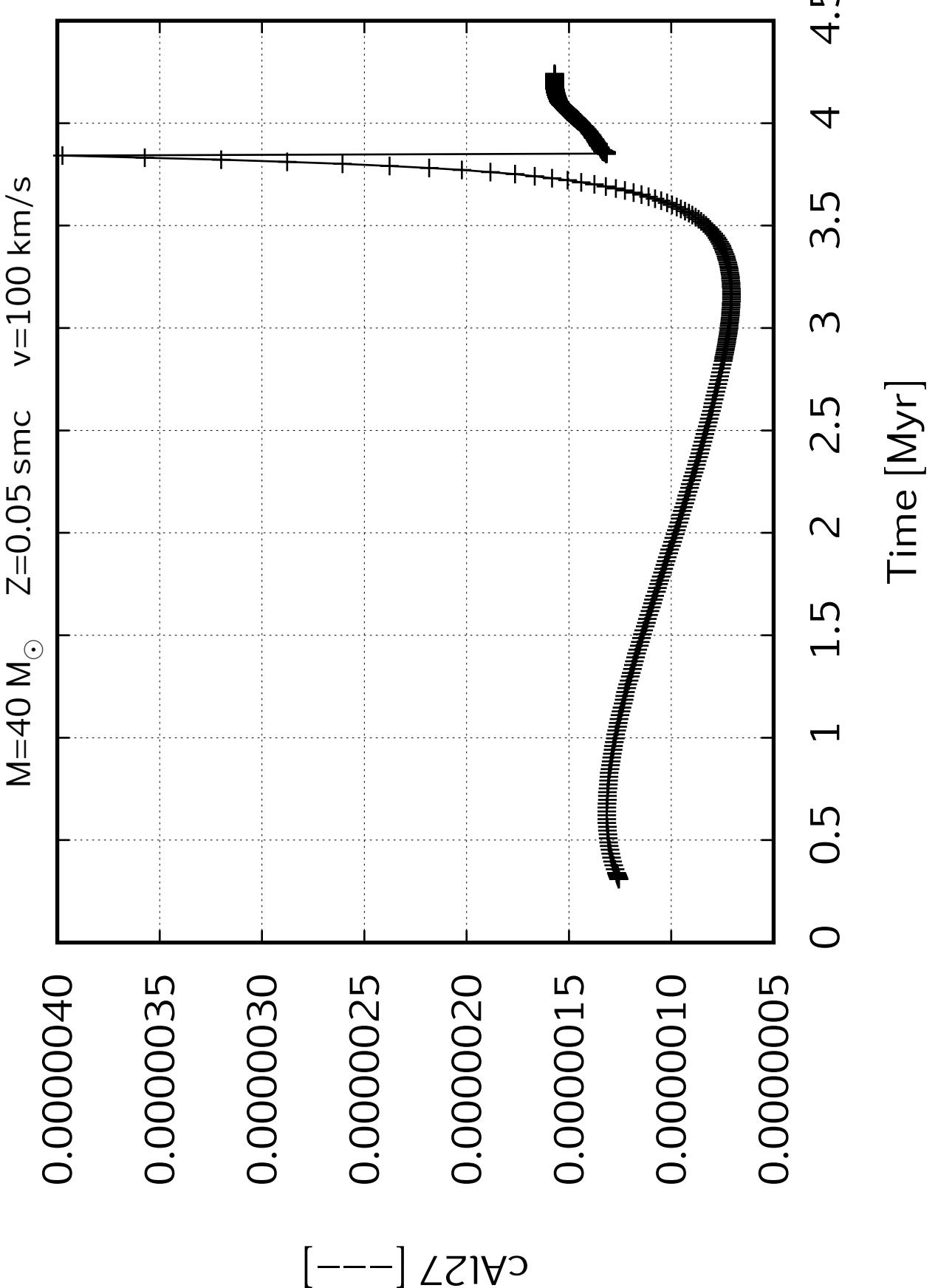
$M=40 M_{\odot}$ $Z=0.05$ smc $v=100$ km/s

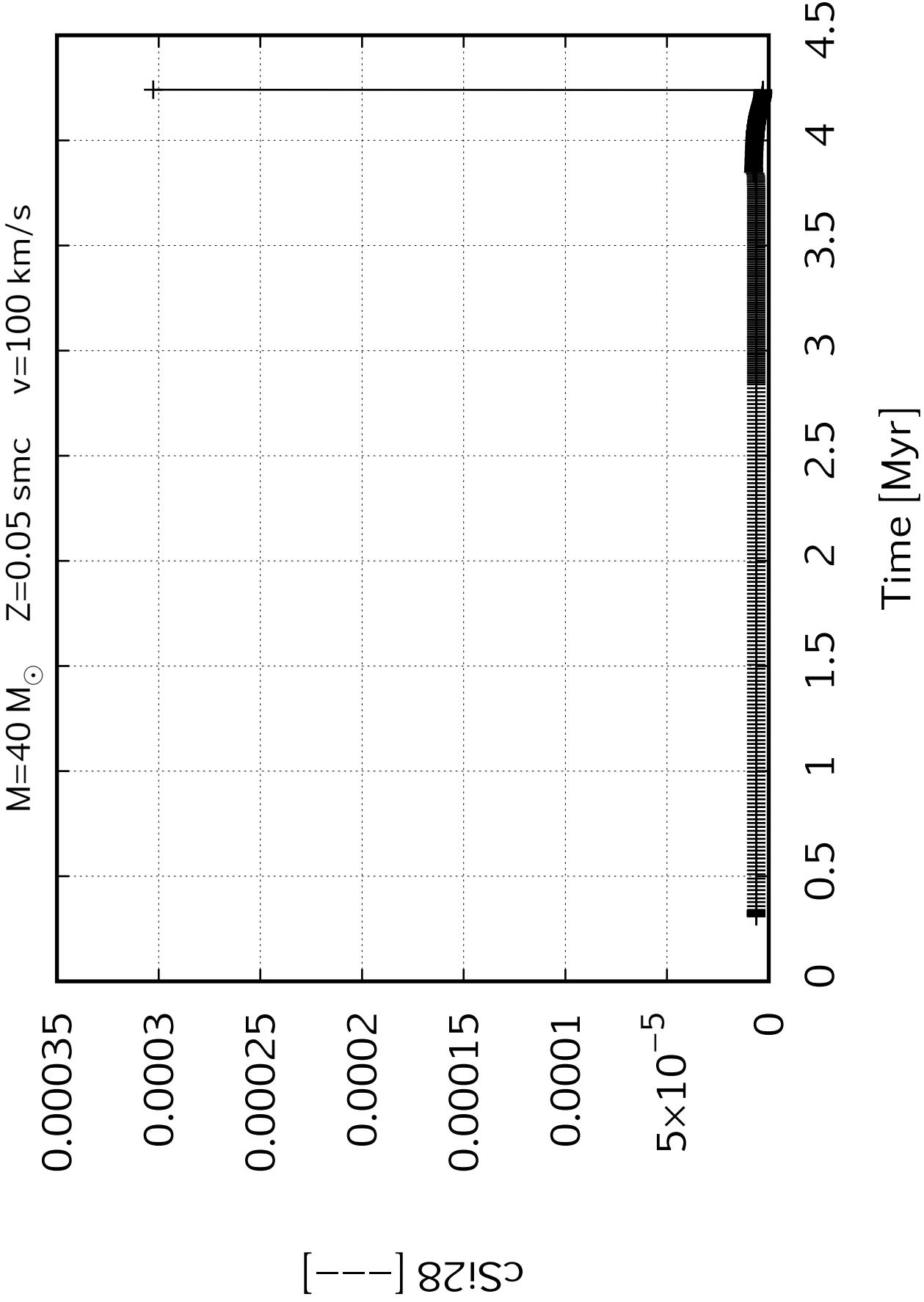
CMg^{26} [—]

7×10^{-5}
 6×10^{-5}
 5×10^{-5}
 4×10^{-5}
 3×10^{-5}
 2×10^{-5}
 1×10^{-5}
0









$M=40 M_{\odot}$ $Z=0.05$ smc $v=100$ km/s

0.0000022

0.0000020

0.0000018

0.0000016

0.0000014

0.0000012

0.0000010

0.0000008

0.0000006

0.0000004

0.0000002

CSi29 [---]

0 0.5 1 1.5 2 2.5 3 3.5 4 4.5

Time [Myr]

$M=40 M_{\odot}$ $Z=0.05$ smc $v=100$ km/s

6×10^{-6}

5×10^{-6}

4×10^{-6}

3×10^{-6}

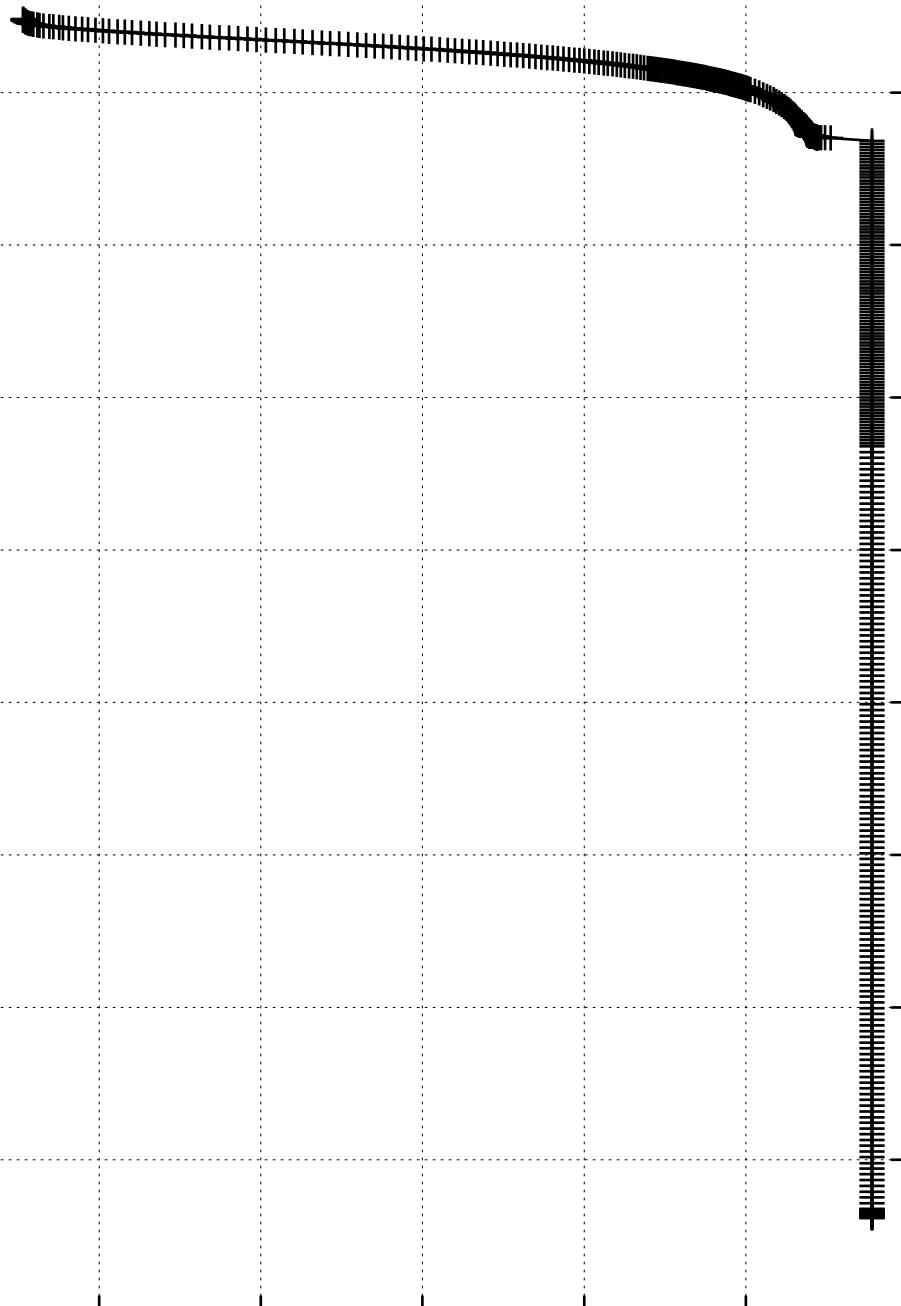
2×10^{-6}

1×10^{-6}

0

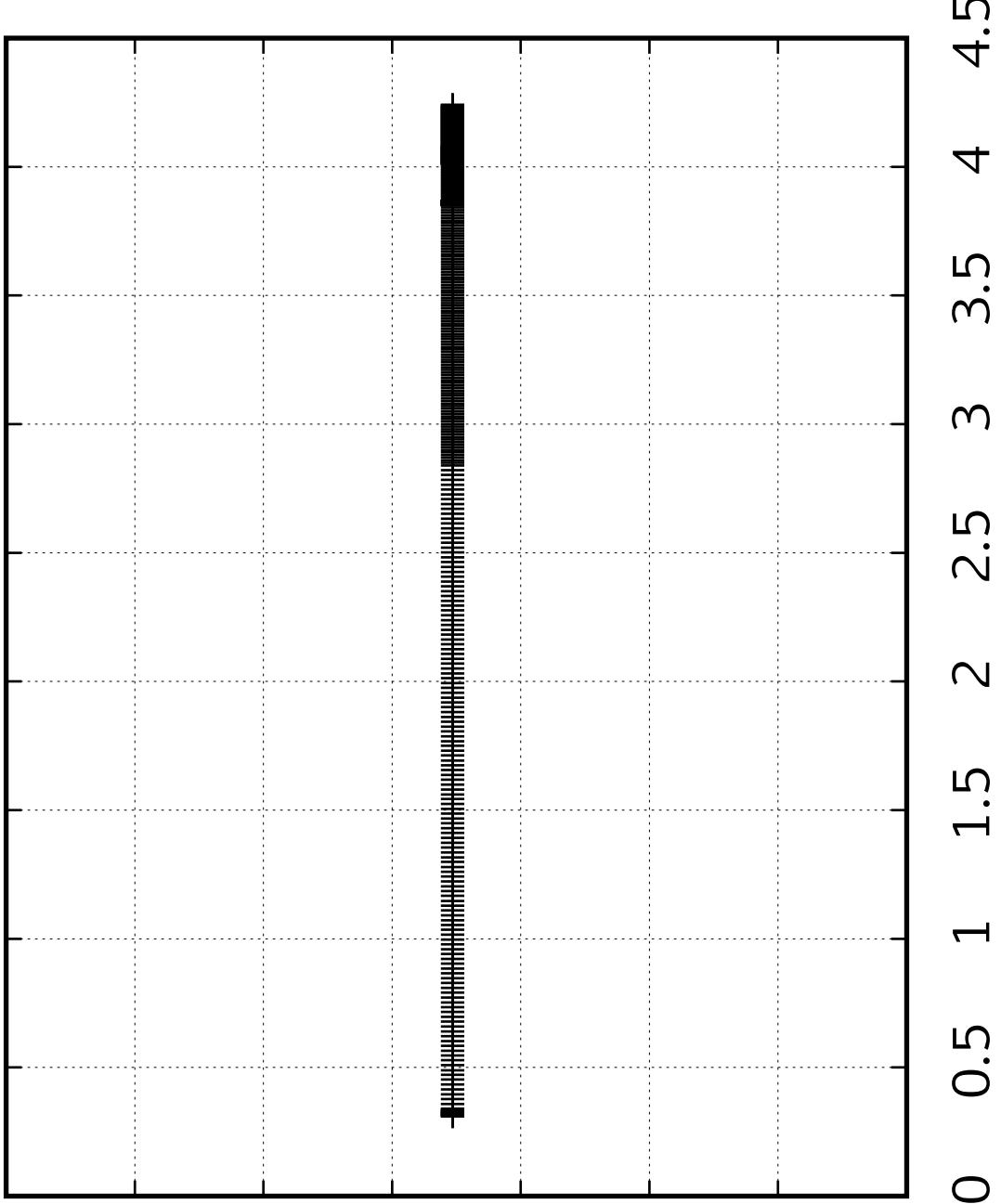
[---] CSi30 [---]

0 0.5 1 1.5 2 2.5 3 3.5 4 4.5
Time [Myr]



[Fe56]

$M=40 M_{\odot}$ $Z=0.05$ smc $v=100 \text{ km/s}$



Time [Myr]

