

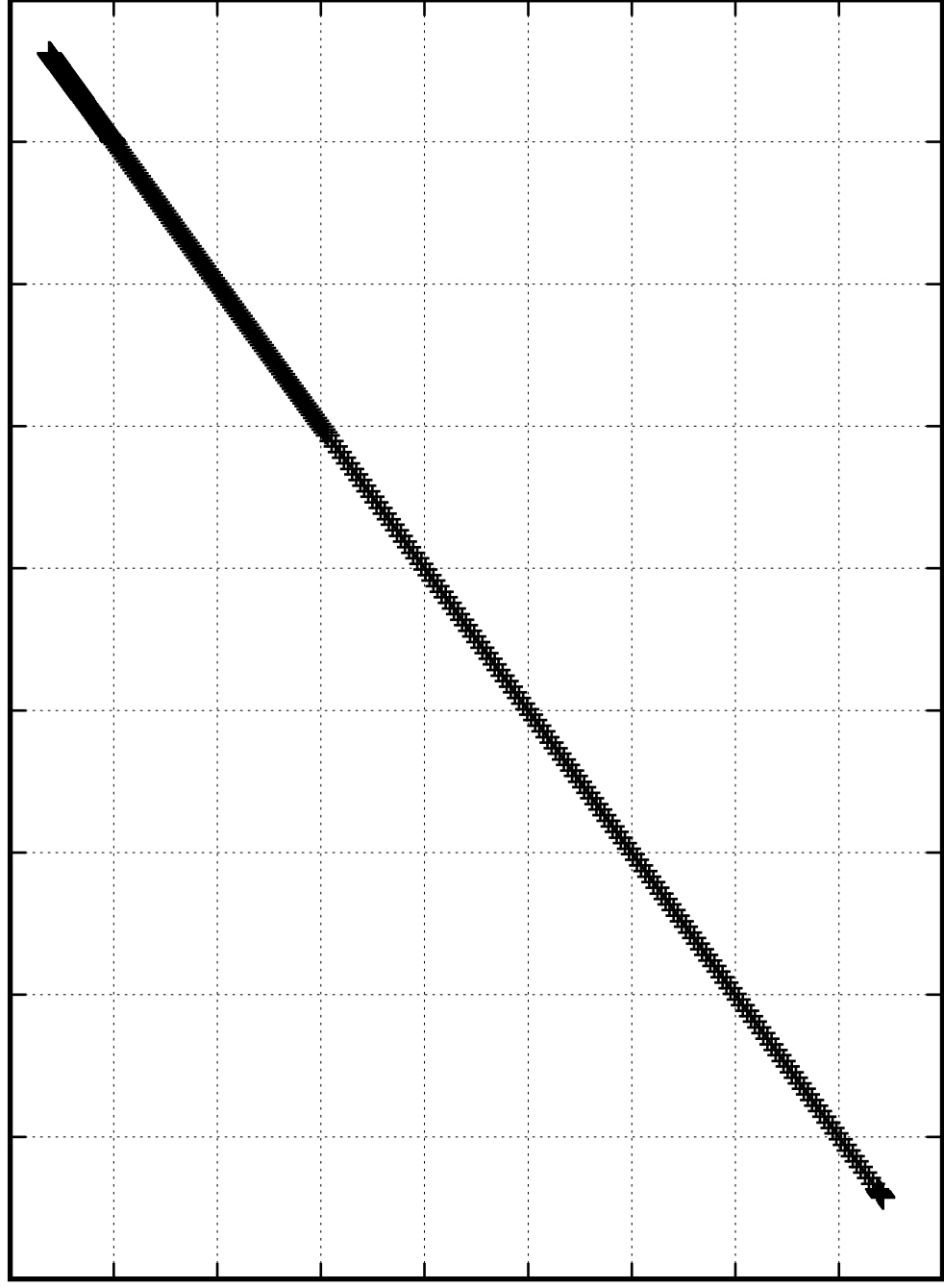
$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

t [yr]

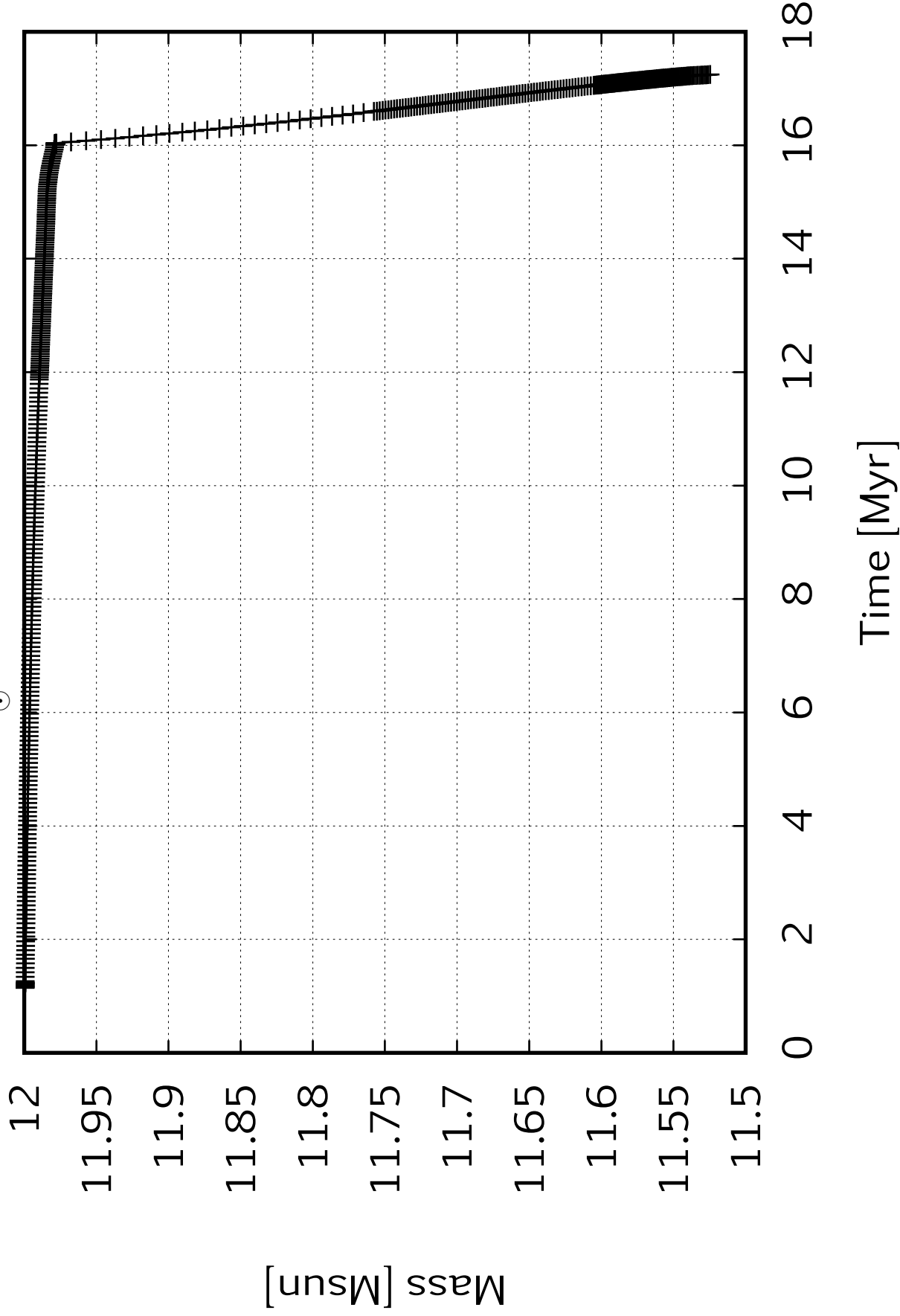
1.8×10^7
 1.6×10^7
 1.4×10^7
 1.2×10^7
 1×10^7
 8×10^6
 6×10^6
 4×10^6
 2×10^6
0

0 2 4 6 8 10 12 14 16 18

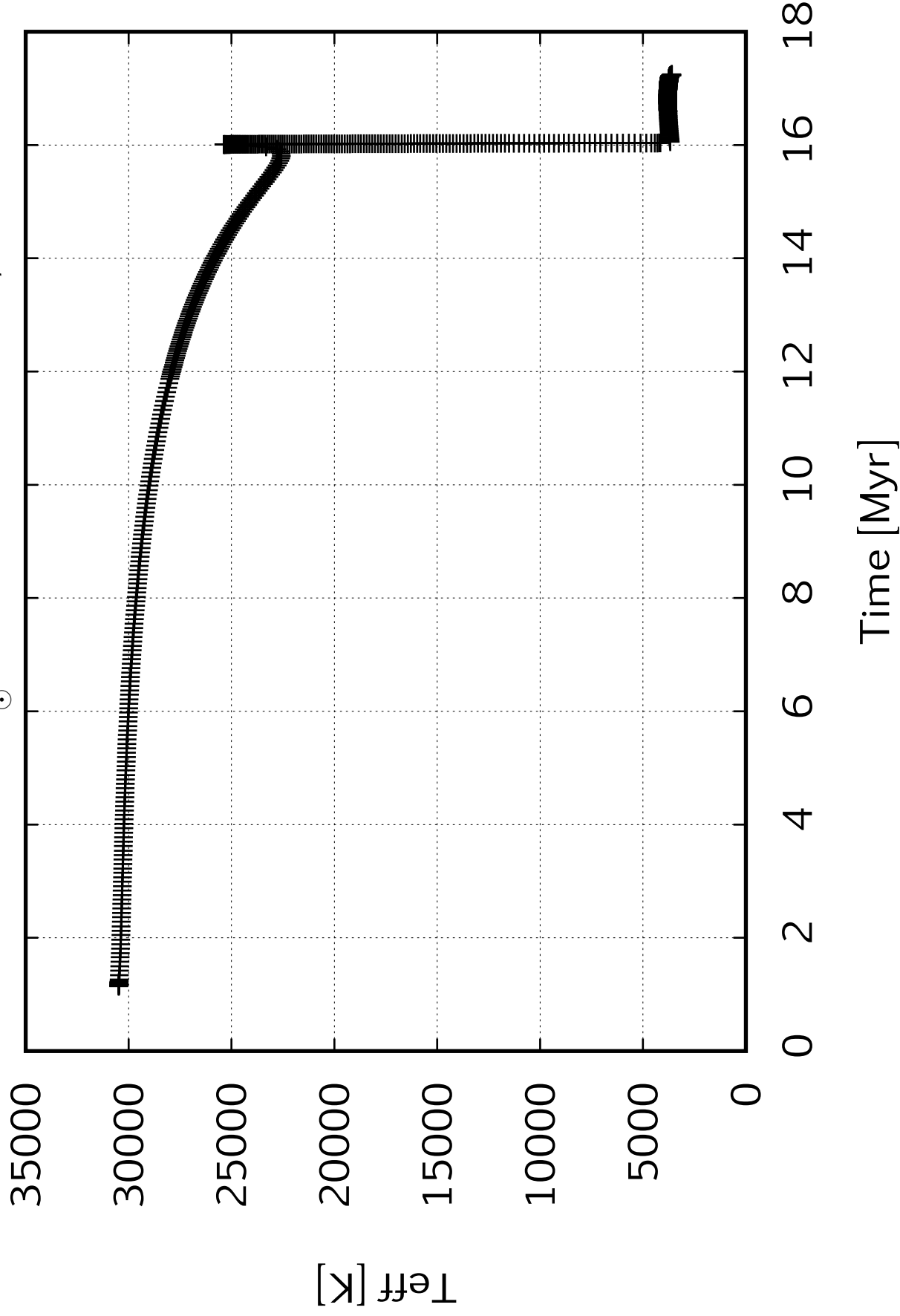
Time [Myr]

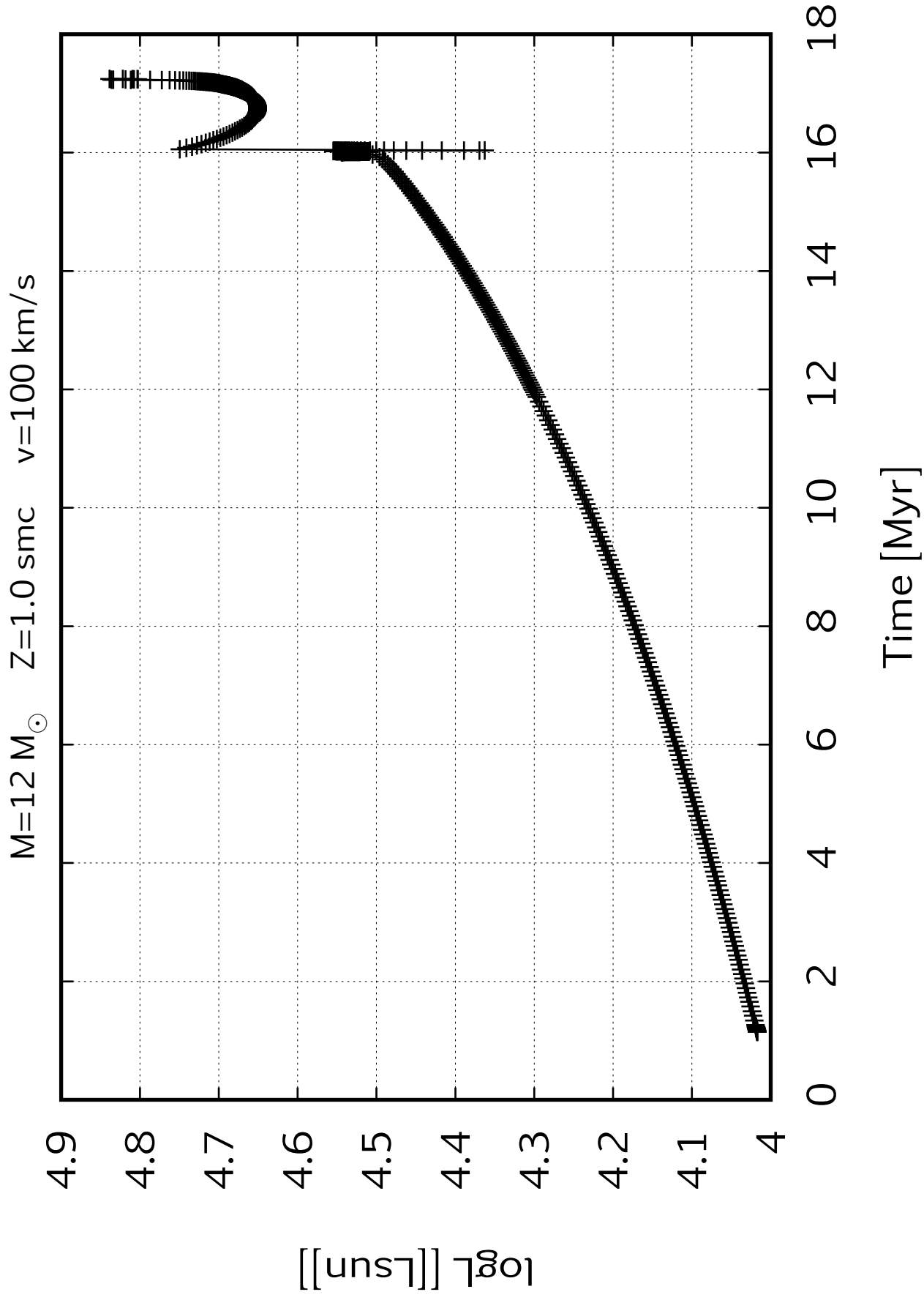


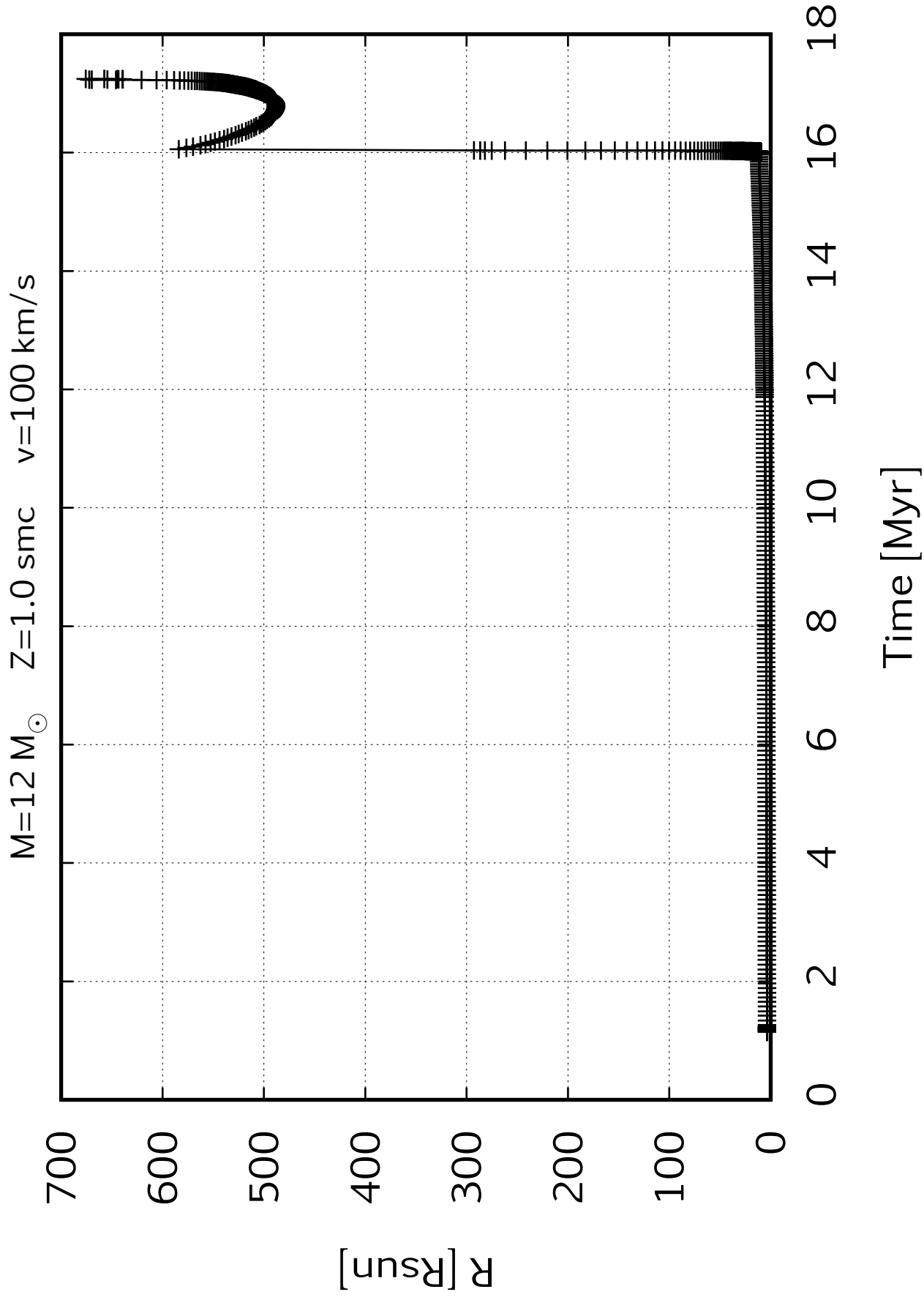
$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s



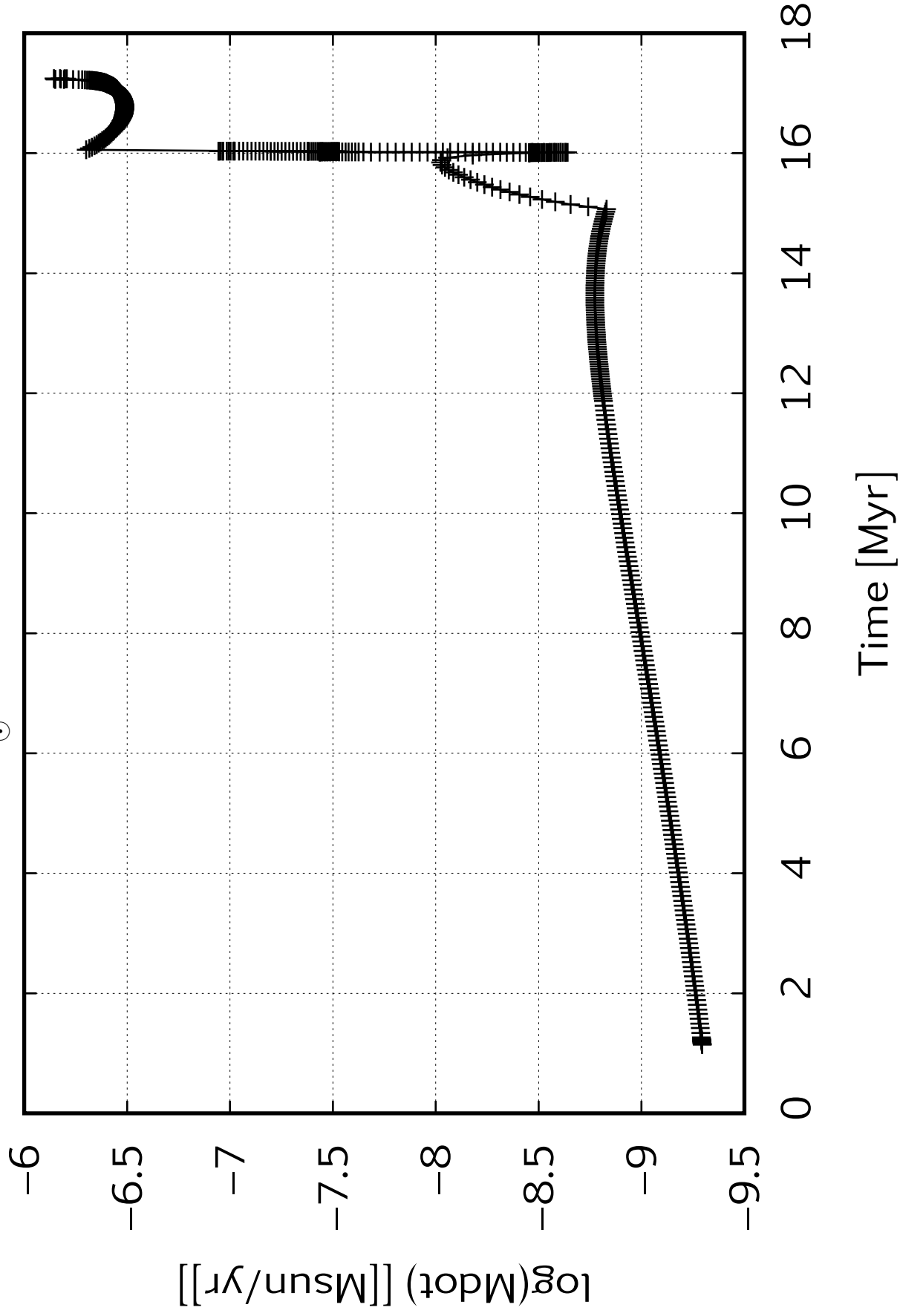
$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

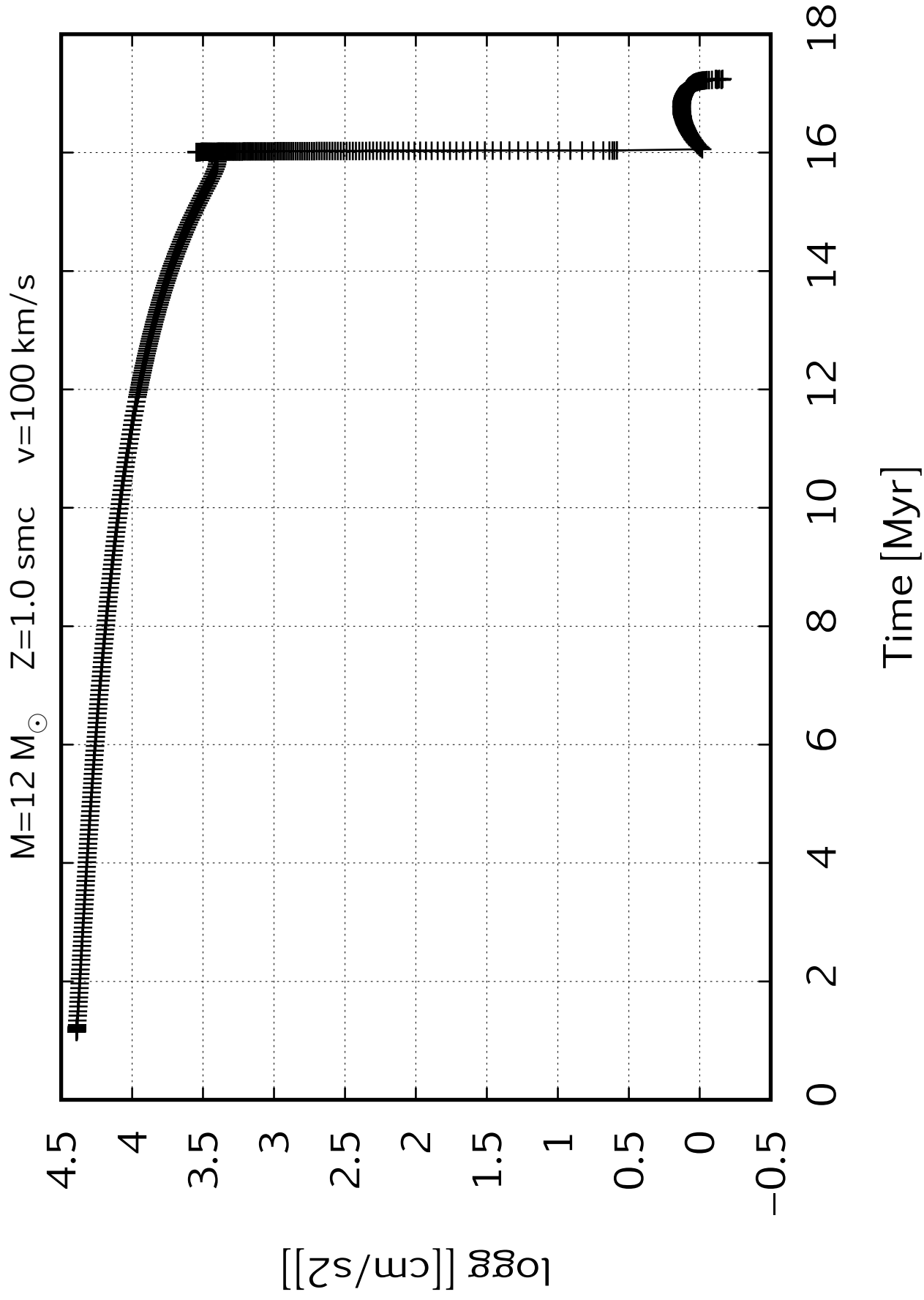


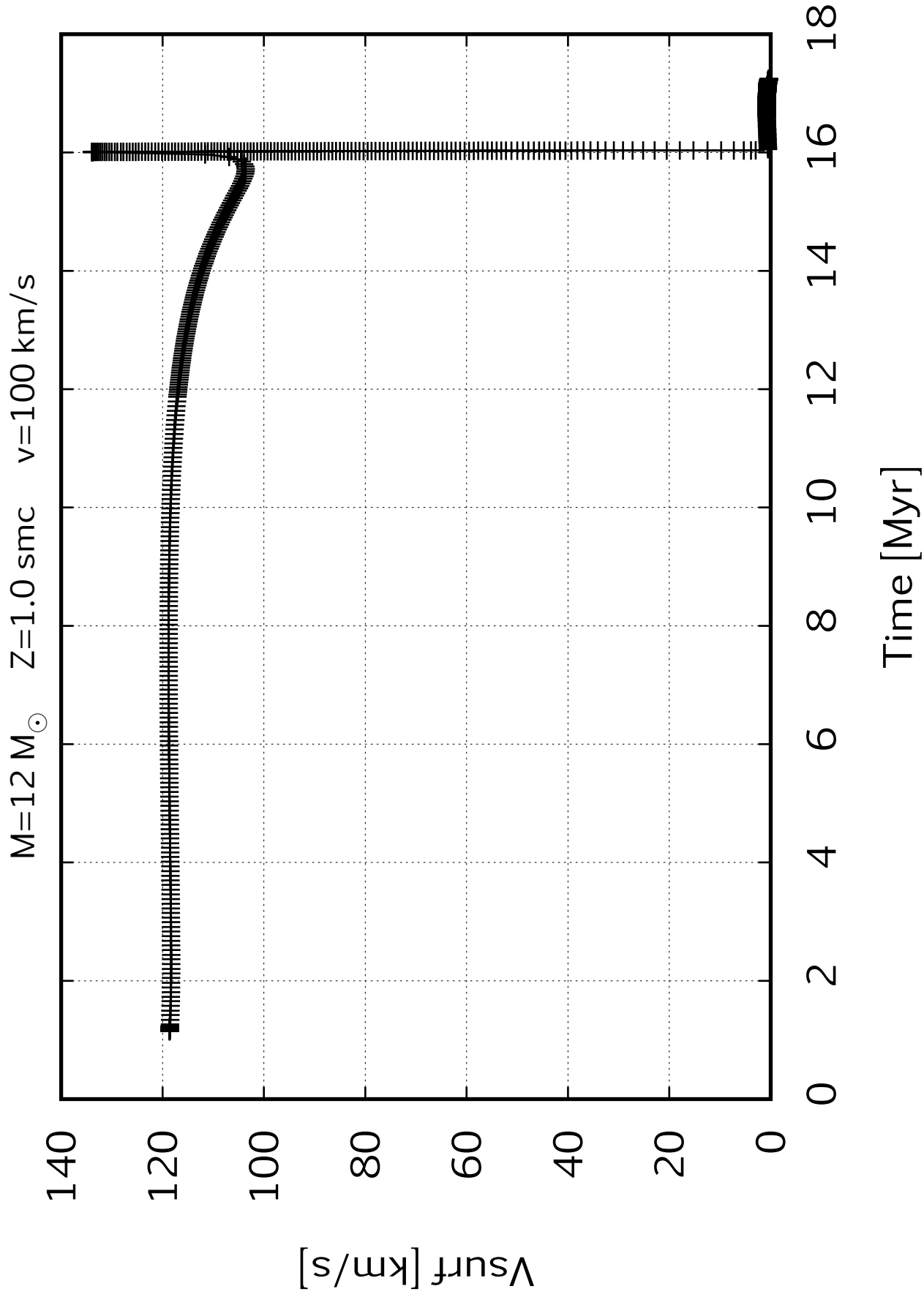


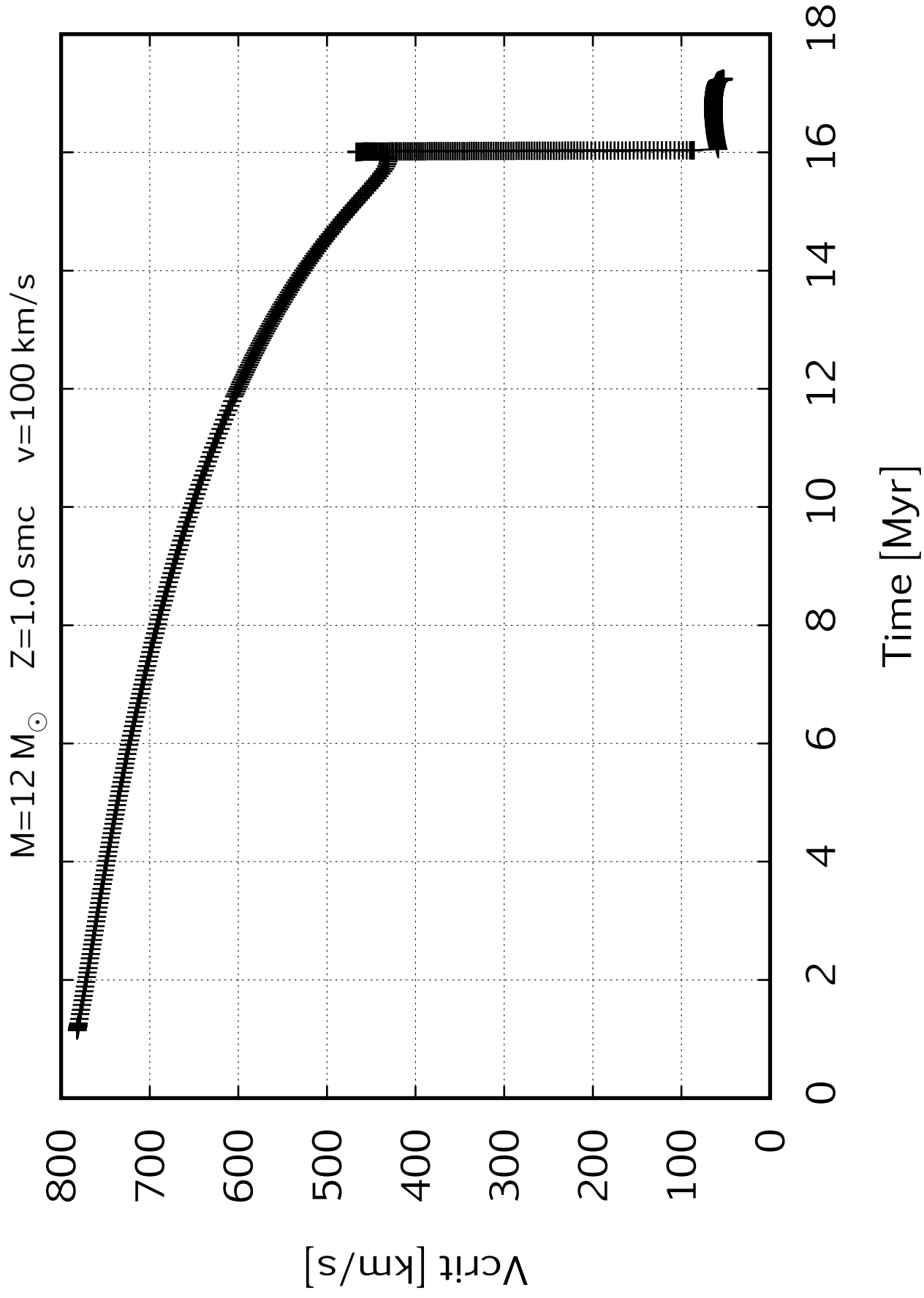


$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

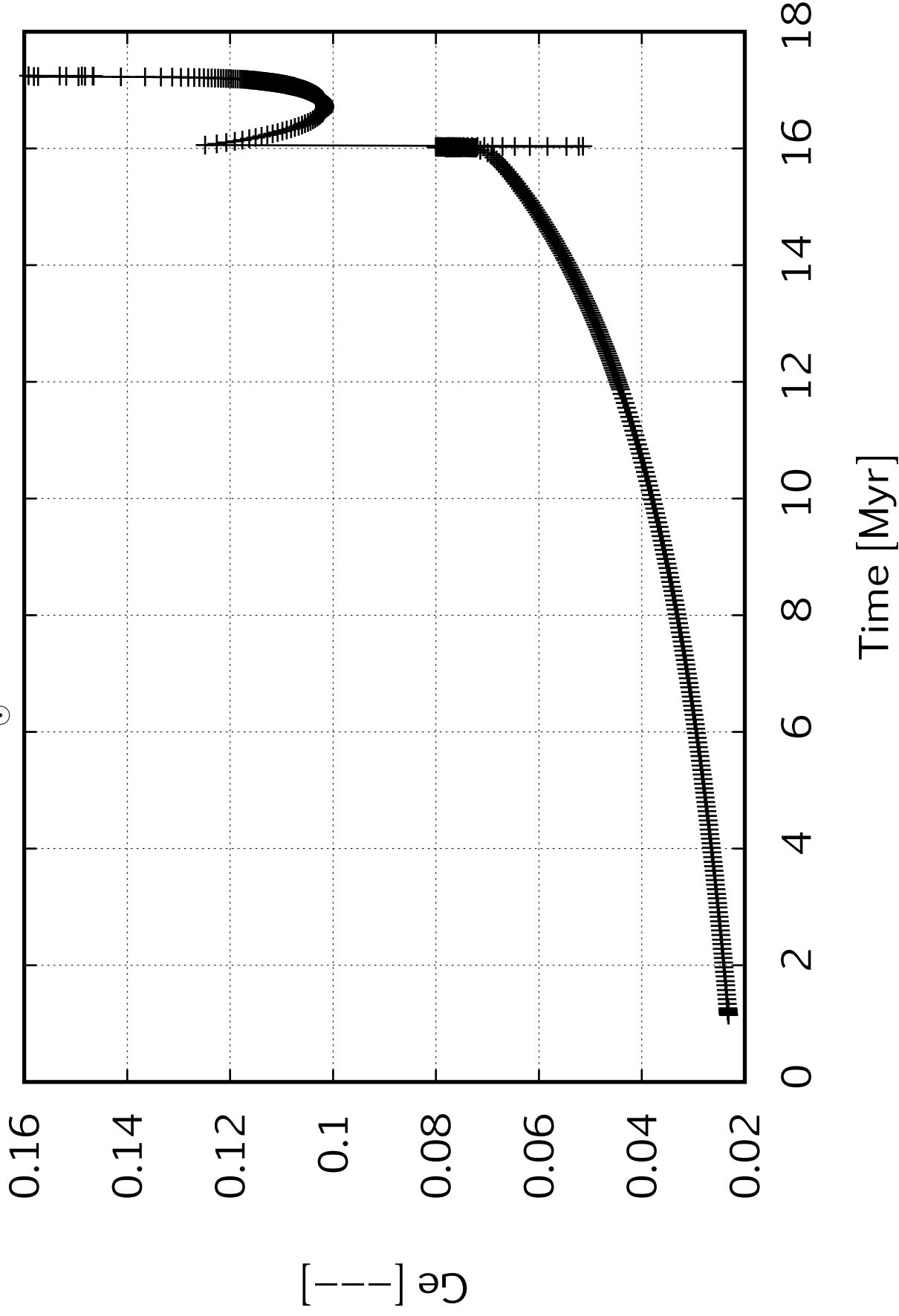


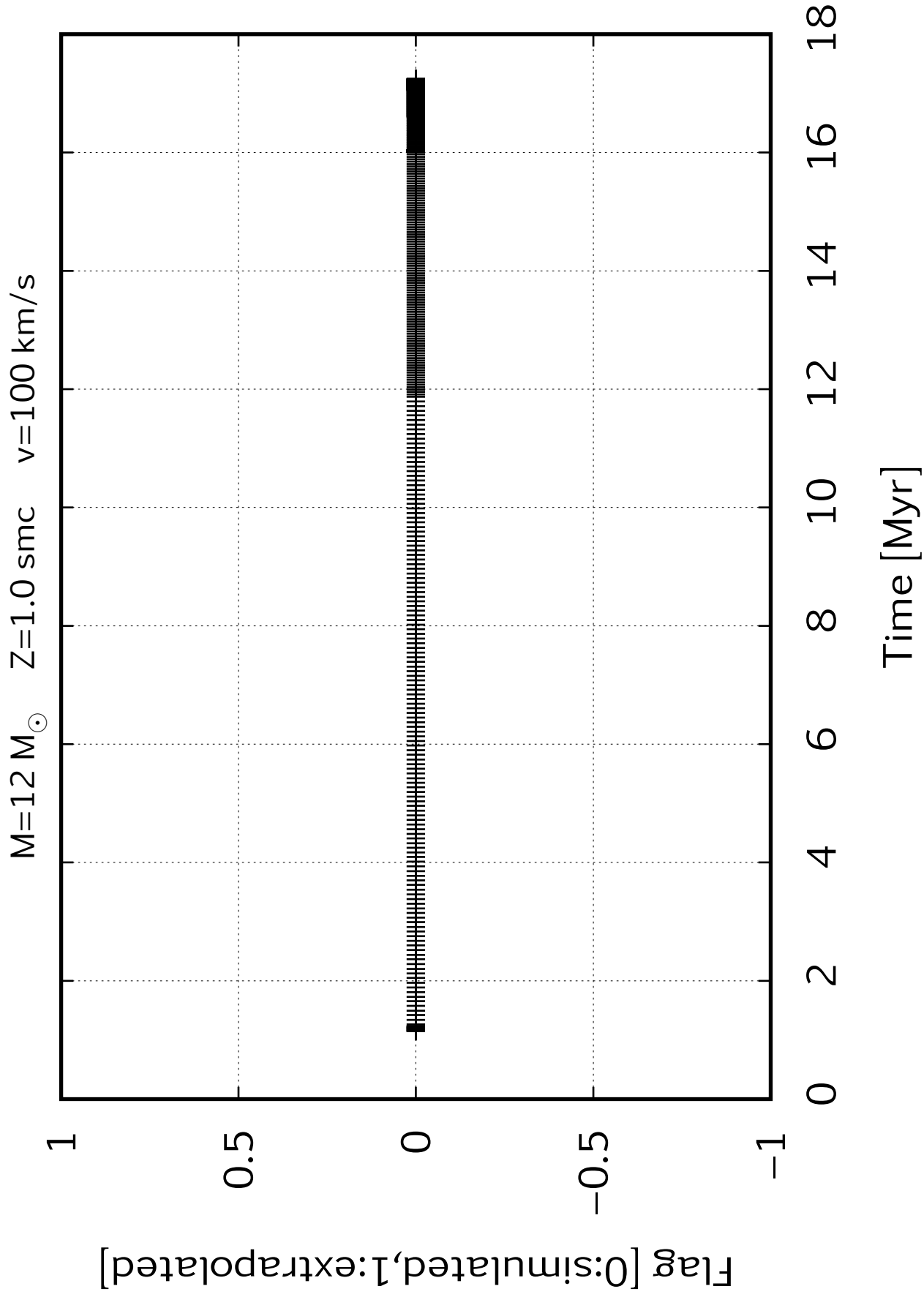




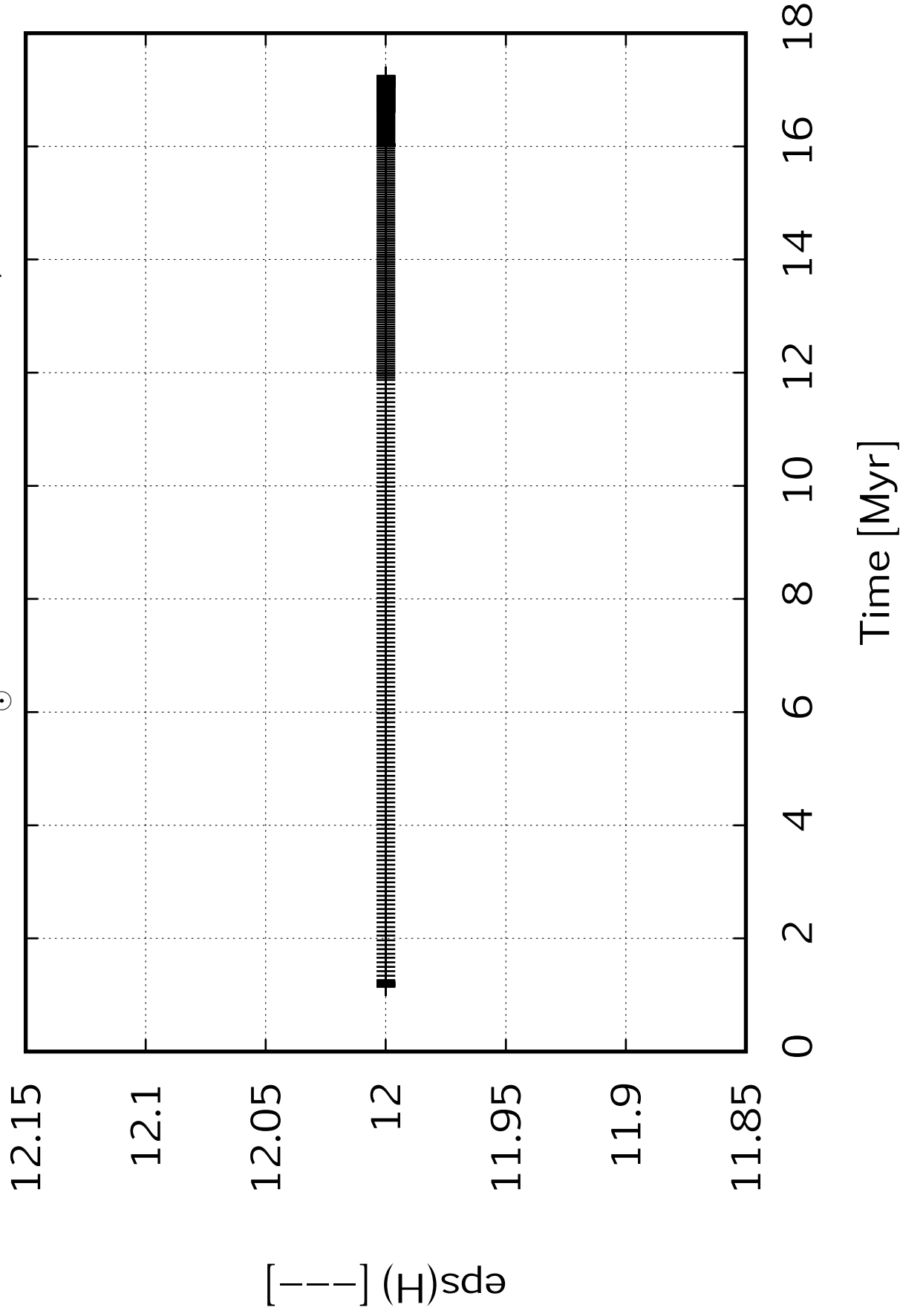


$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s





$M=12 M_{\odot}$ $Z=1.0$ smc $v=100$ km/s



$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

10.946

10.944

10.942

10.94

10.938

10.936

10.934

10.932

10.93

10.928

10.926

10.924

$[\text{---}] (\text{He})$ eps

0

2

4

6

8

10

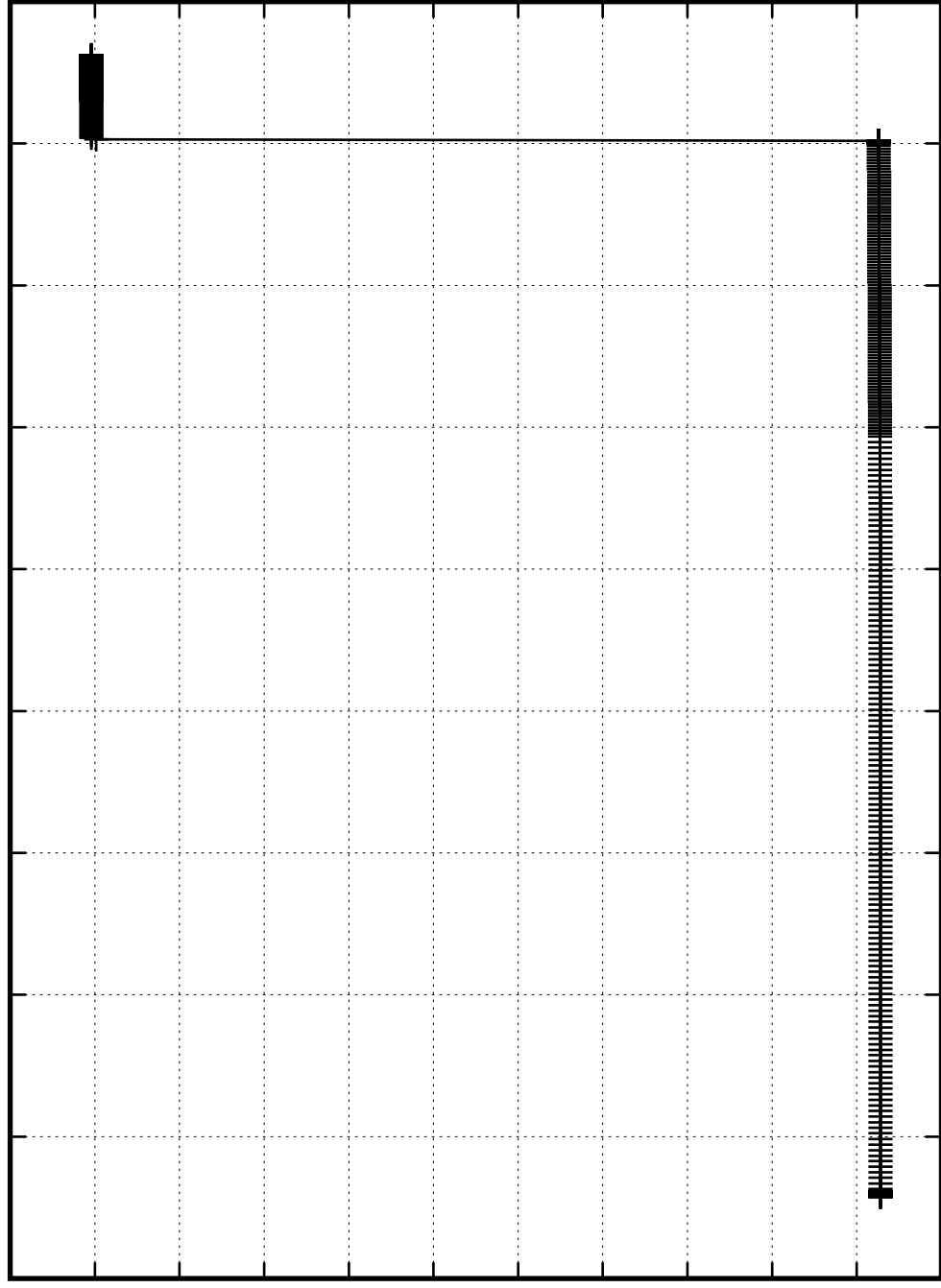
12

14

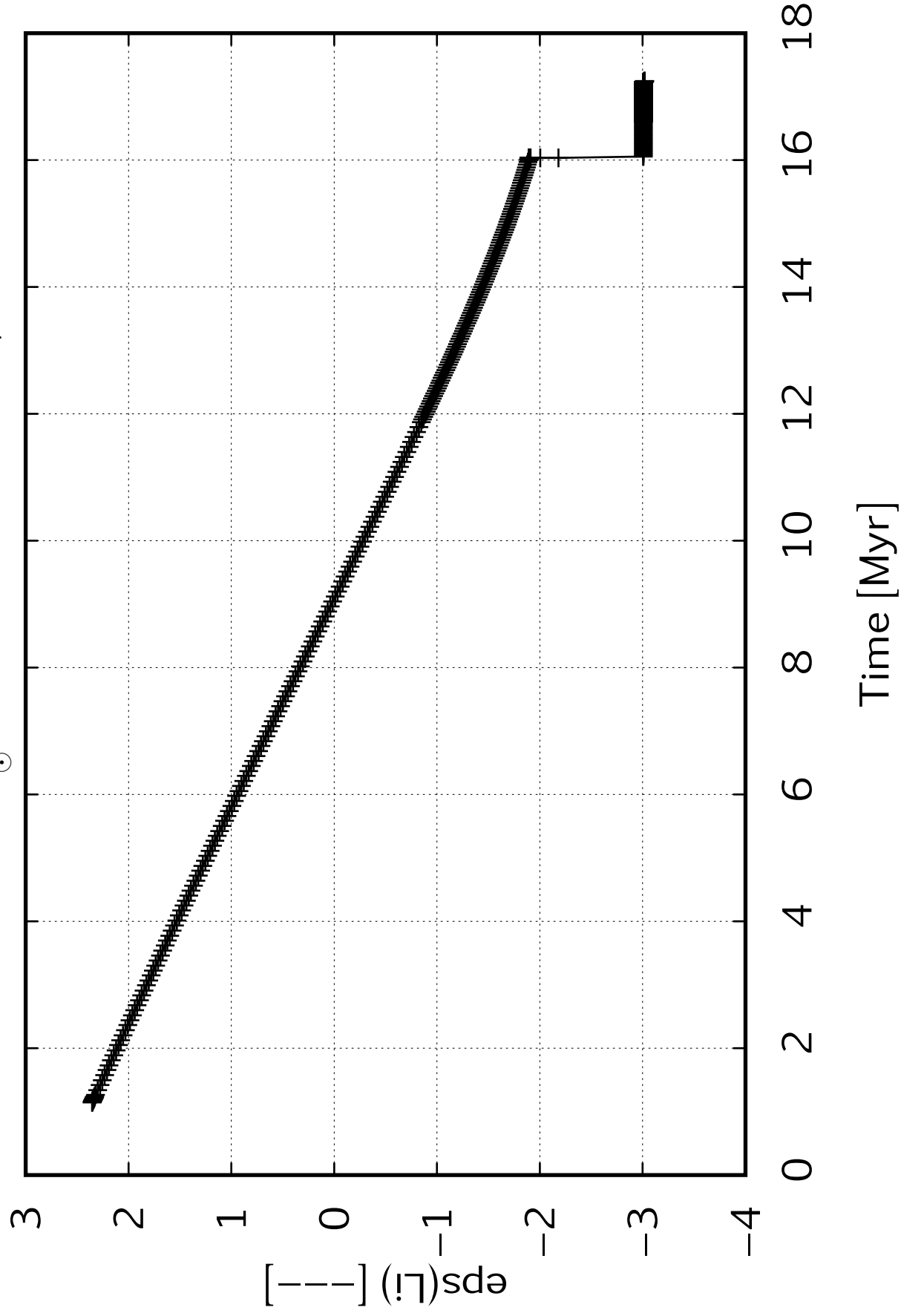
16

18

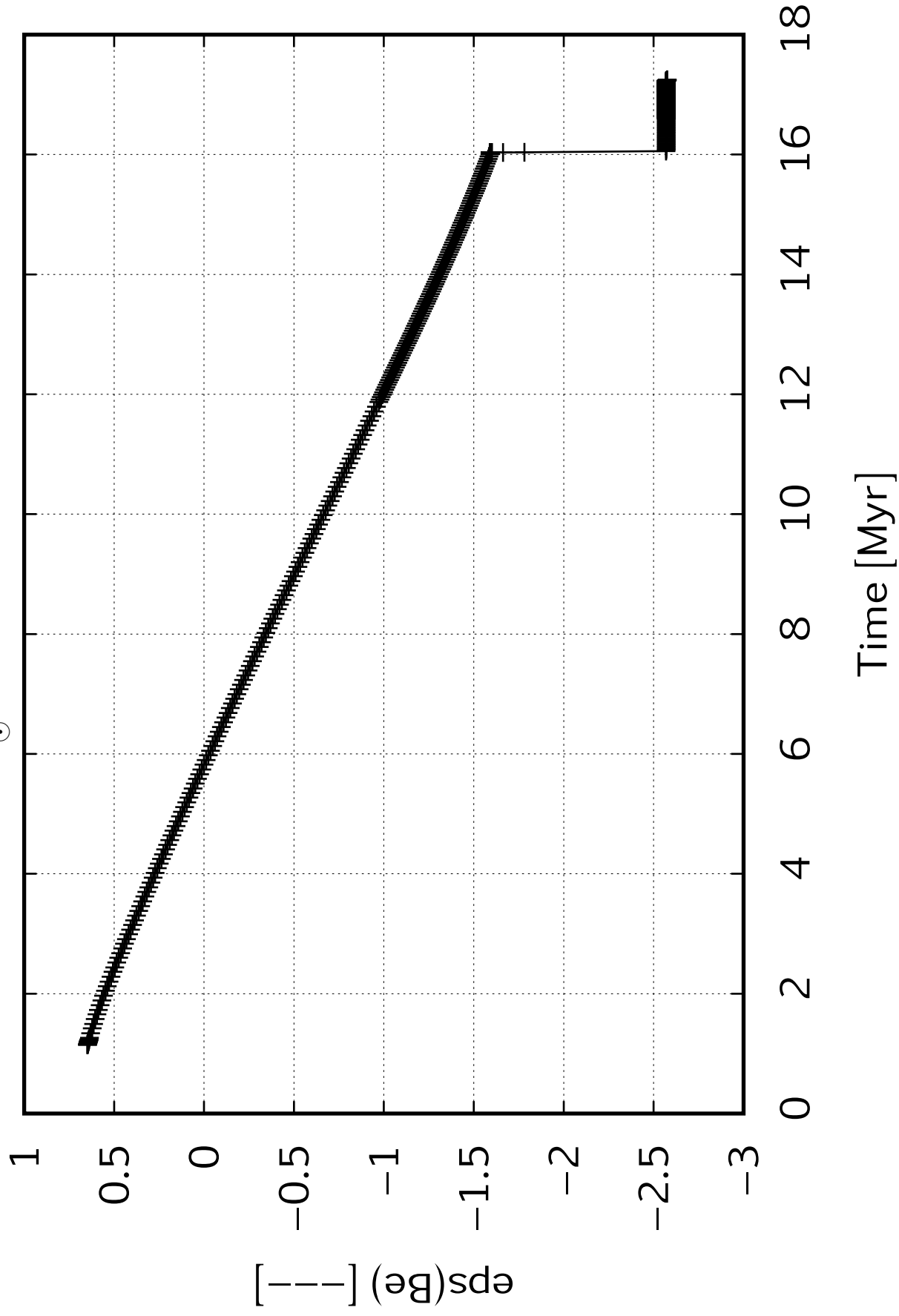
Time [Myr]

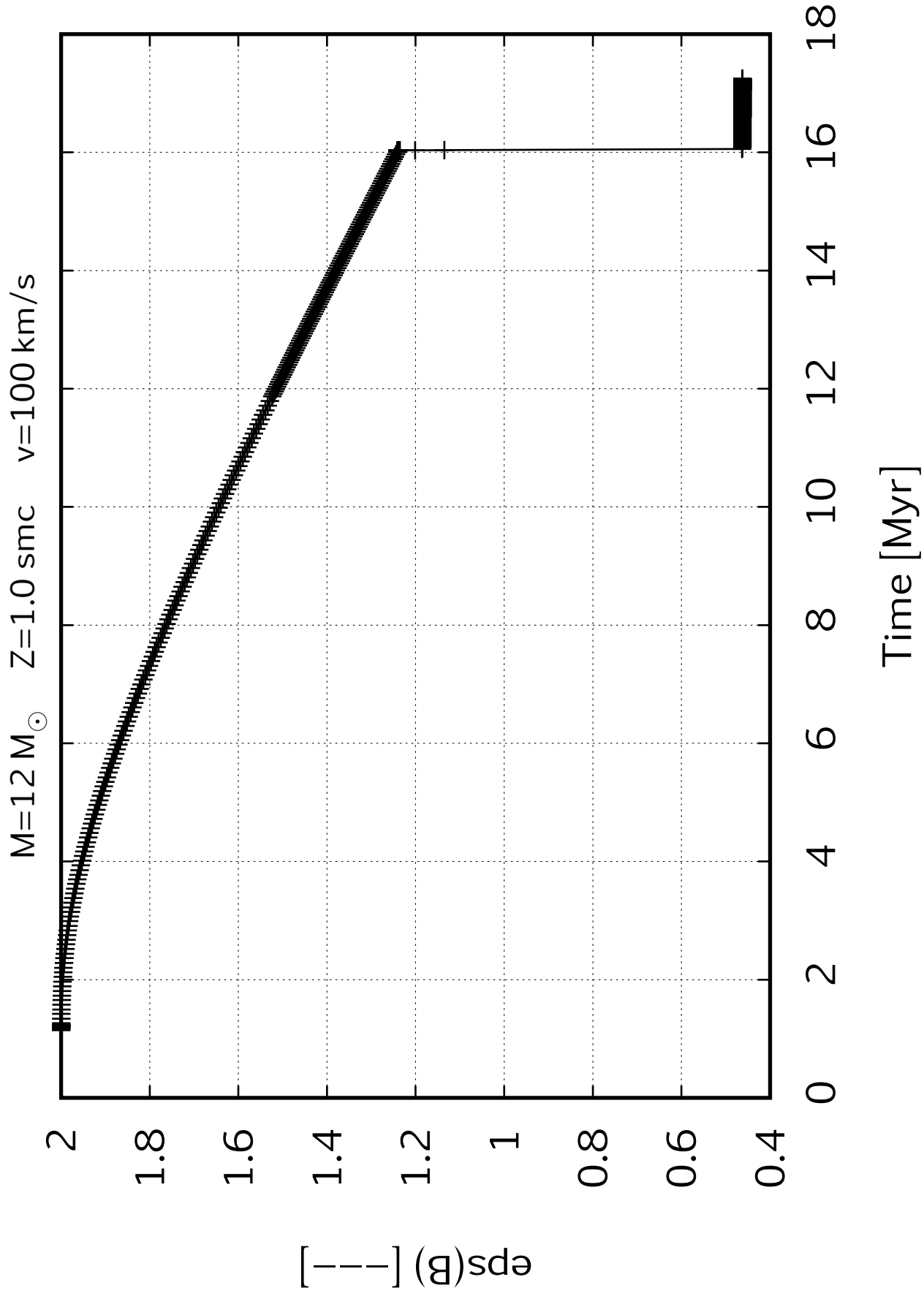


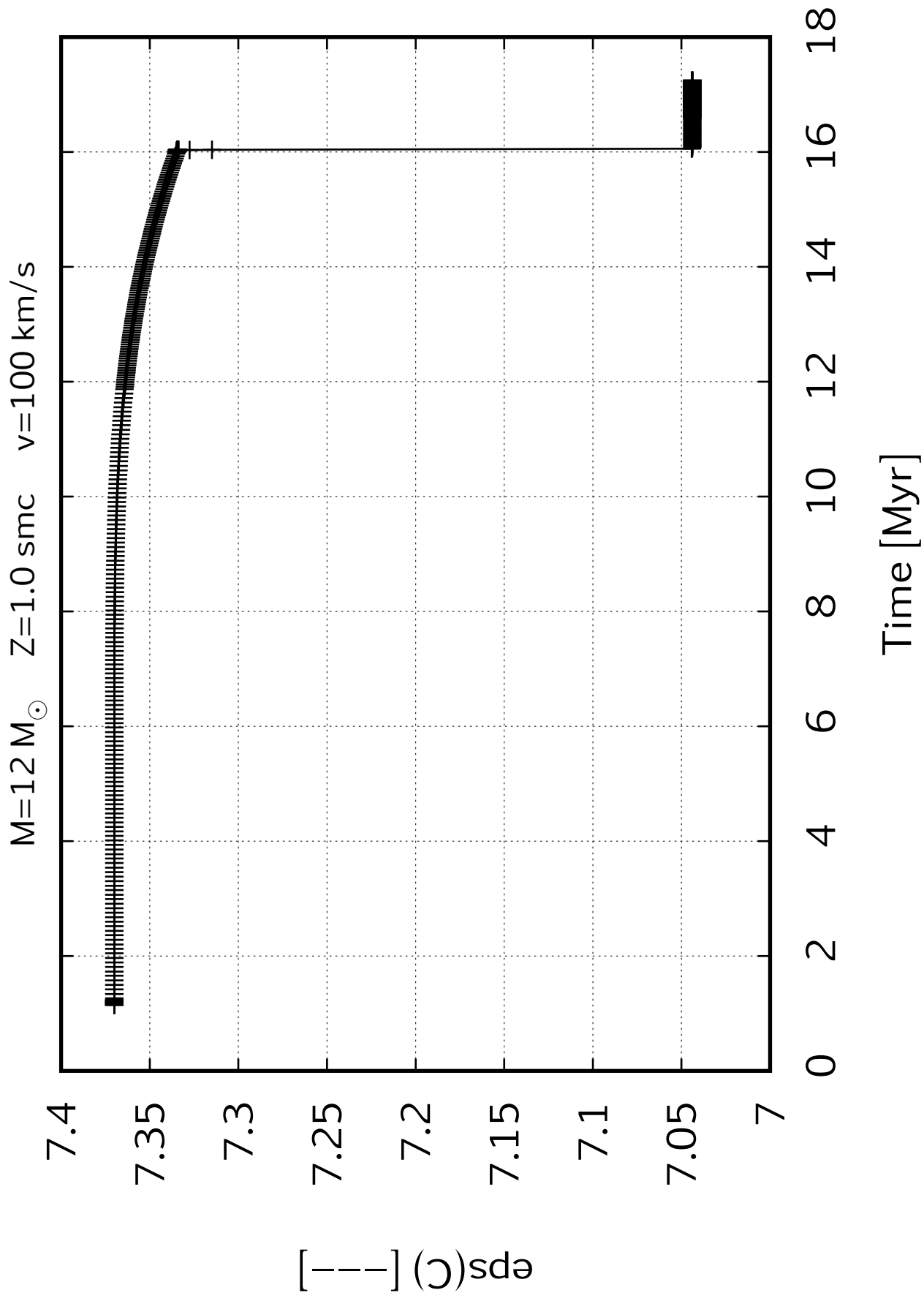
$M=12\,M_{\odot}$ $Z=1.0\,\text{smc}$ $v=100\,\text{km/s}$

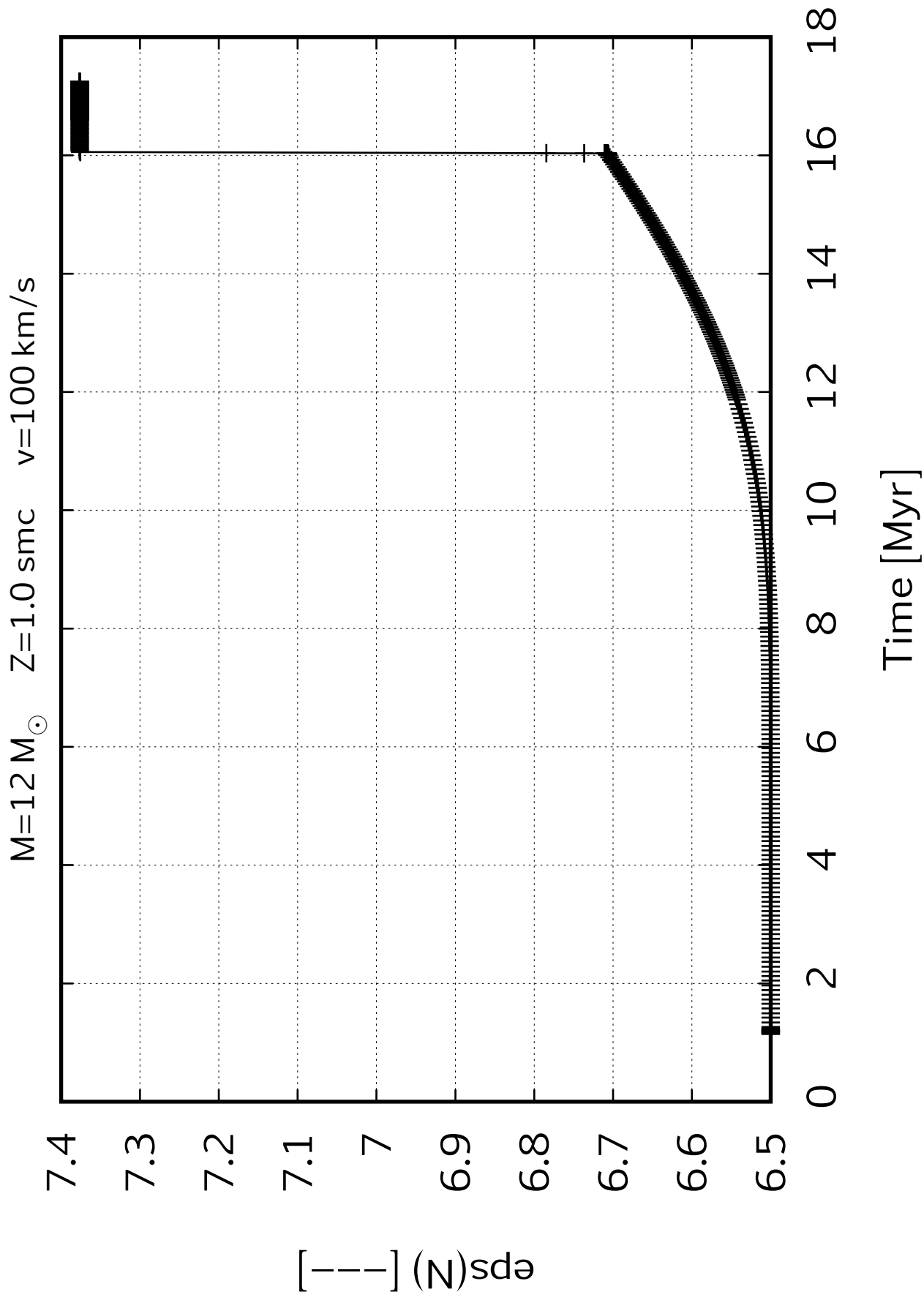


$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

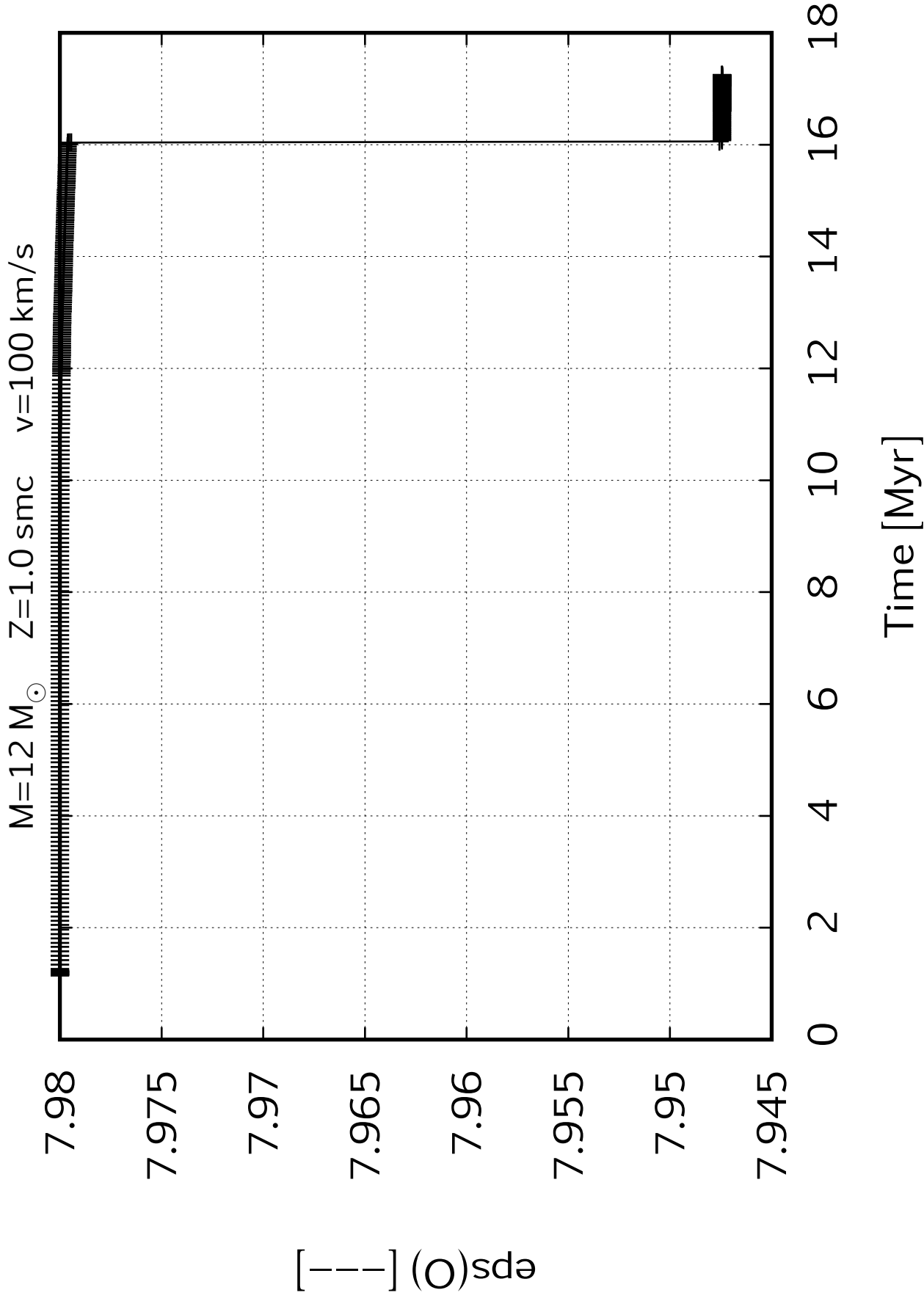




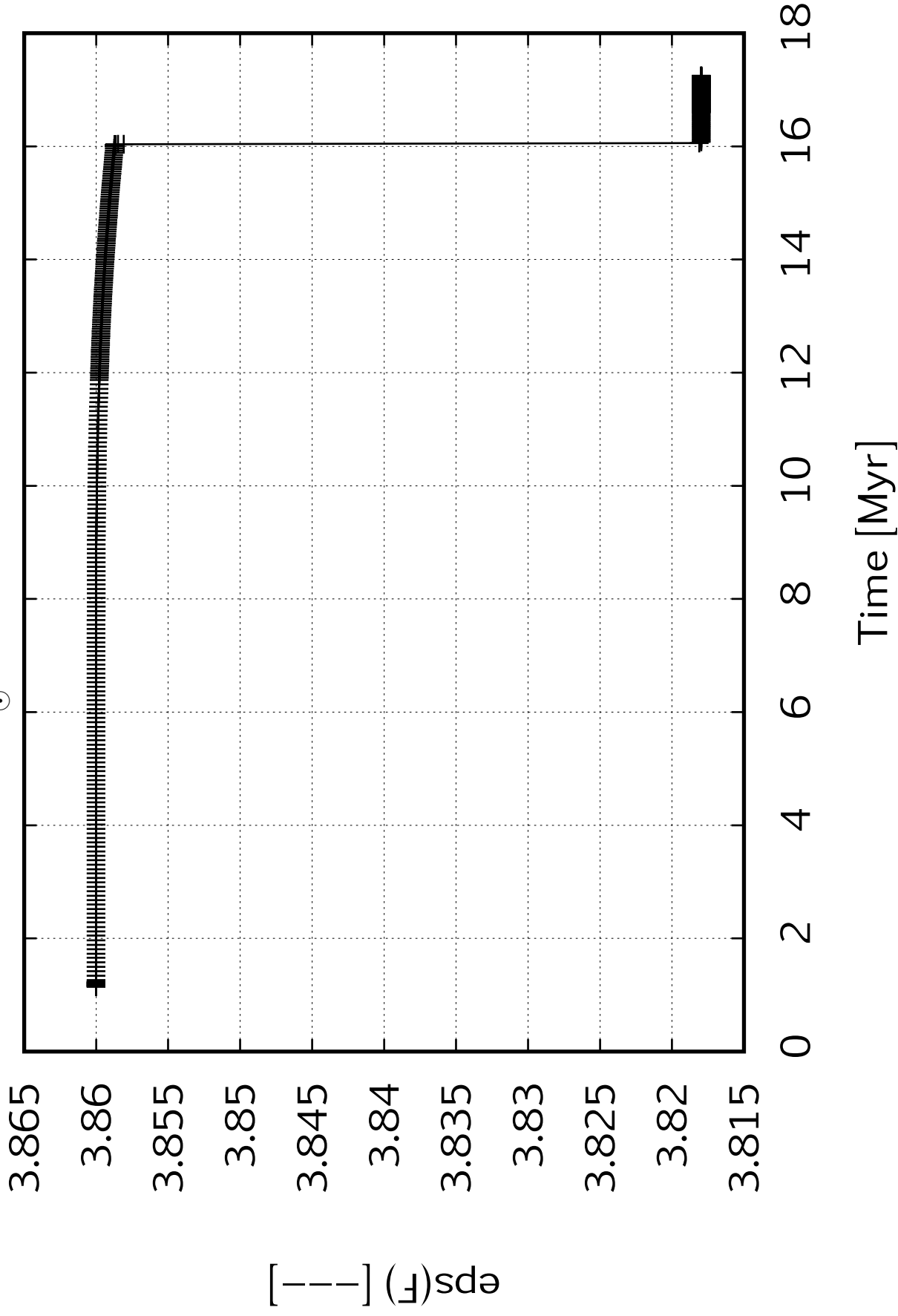




$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s



$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s



$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

7.1414

7.1412

7.141

7.1408

7.1406

7.1404

7.1402

7.14

7.1398

$[\text{---}]$ eps(Ne) $[\text{---}]$

0

2

4

6

8

10

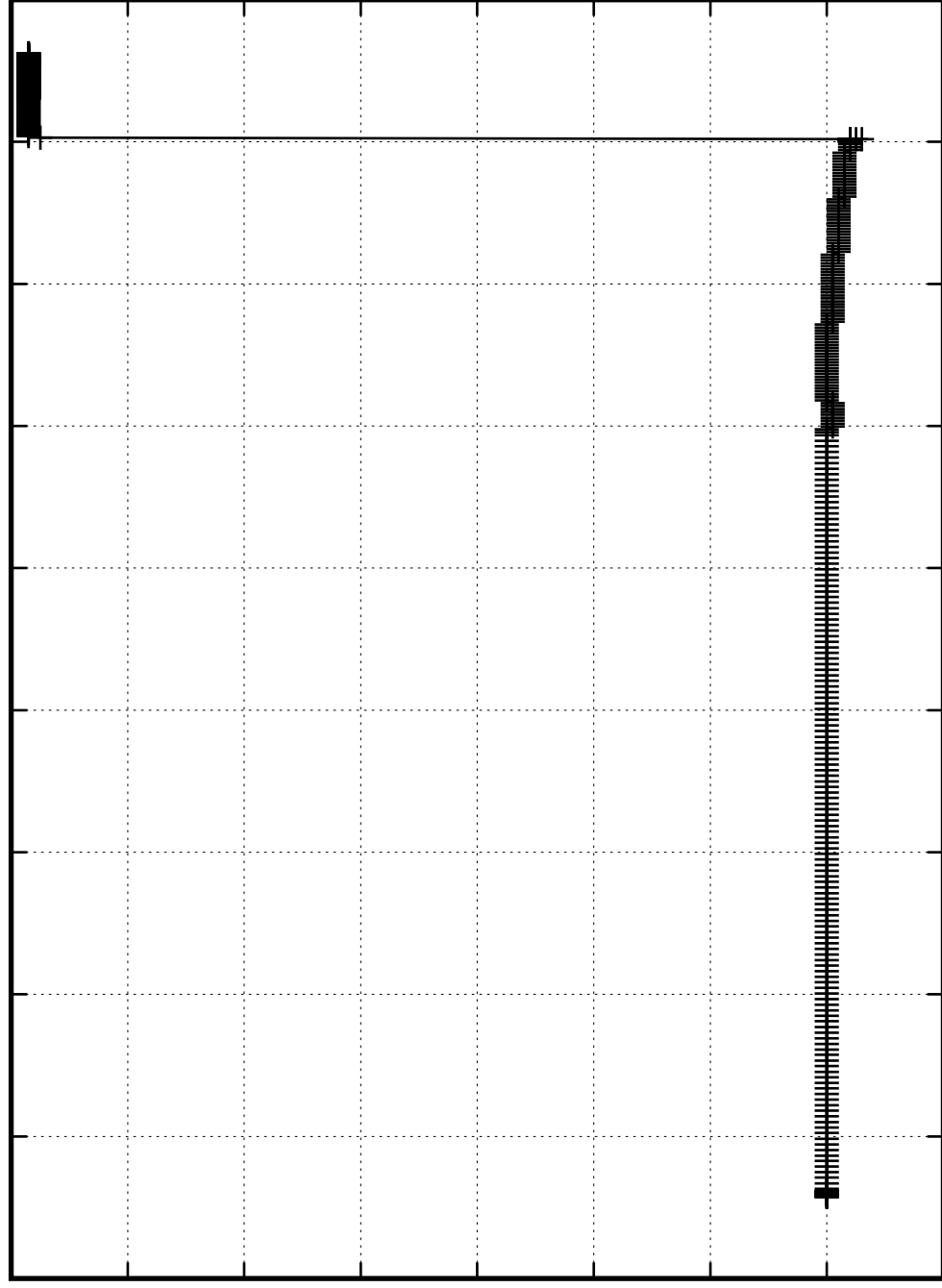
12

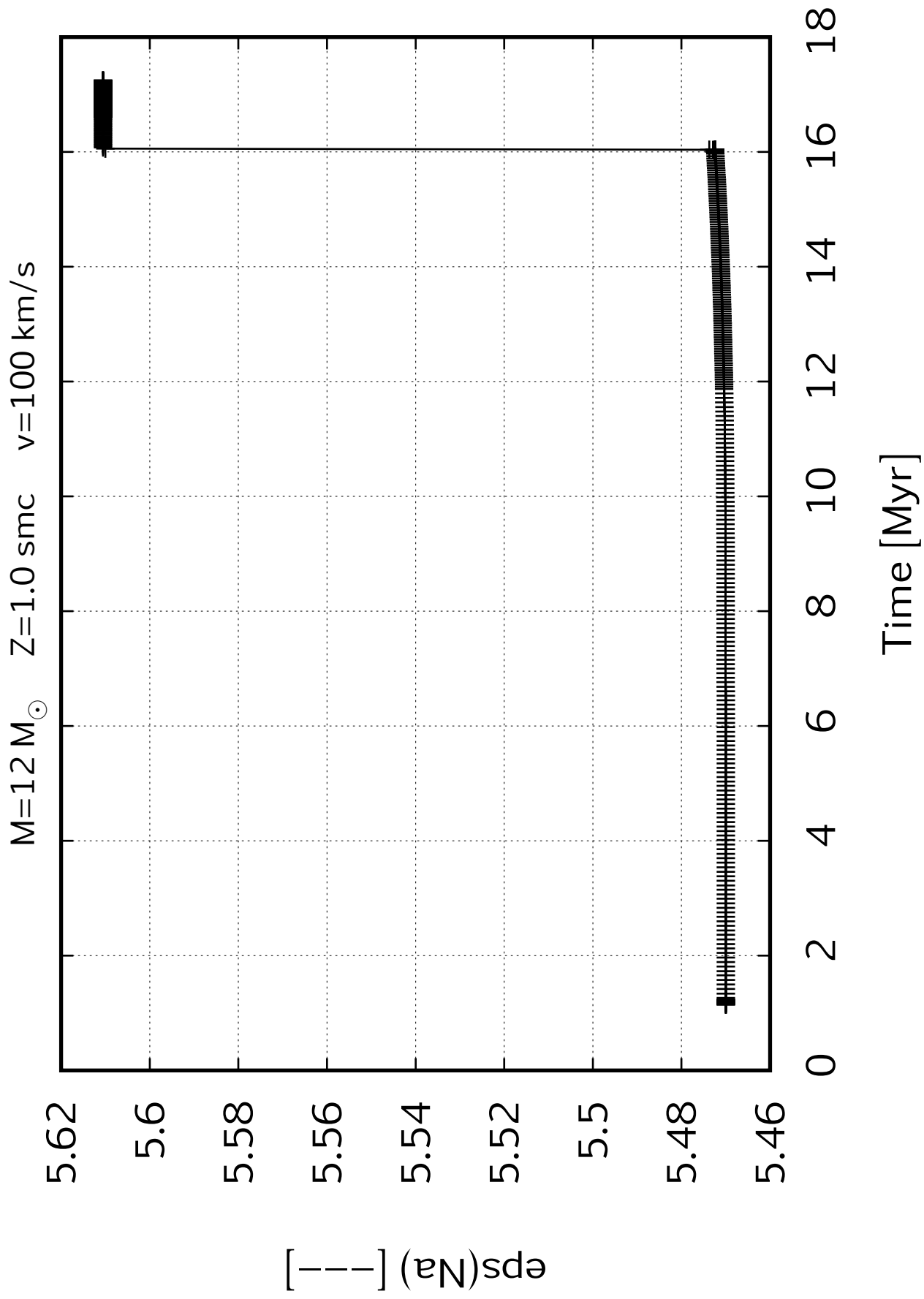
14

16

18

Time [Myr]





$M=12 M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

6.7245

6.724

6.7235

6.723

6.7225

6.722

6.7215

6.721

6.7205

6.72

$\epsilon_{\text{ps}}(M_{\text{g}})$

0

2

4

6

8

10

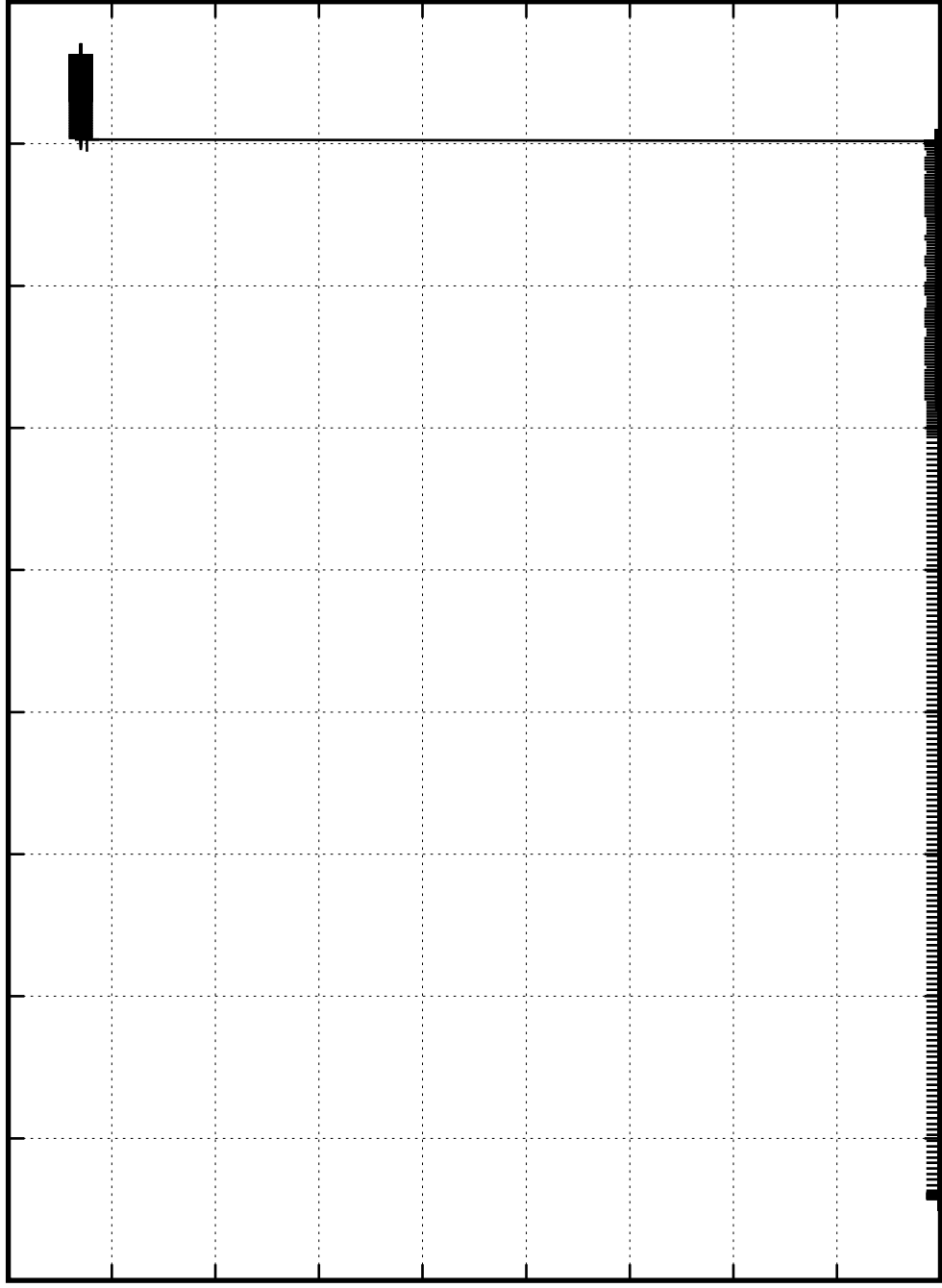
12

14

16

18

Time [Myr]



$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

5.682

5.68

5.678

5.676

5.674

5.672

5.67

[— — —]
eps(Al)

0

2

4

6

8

10

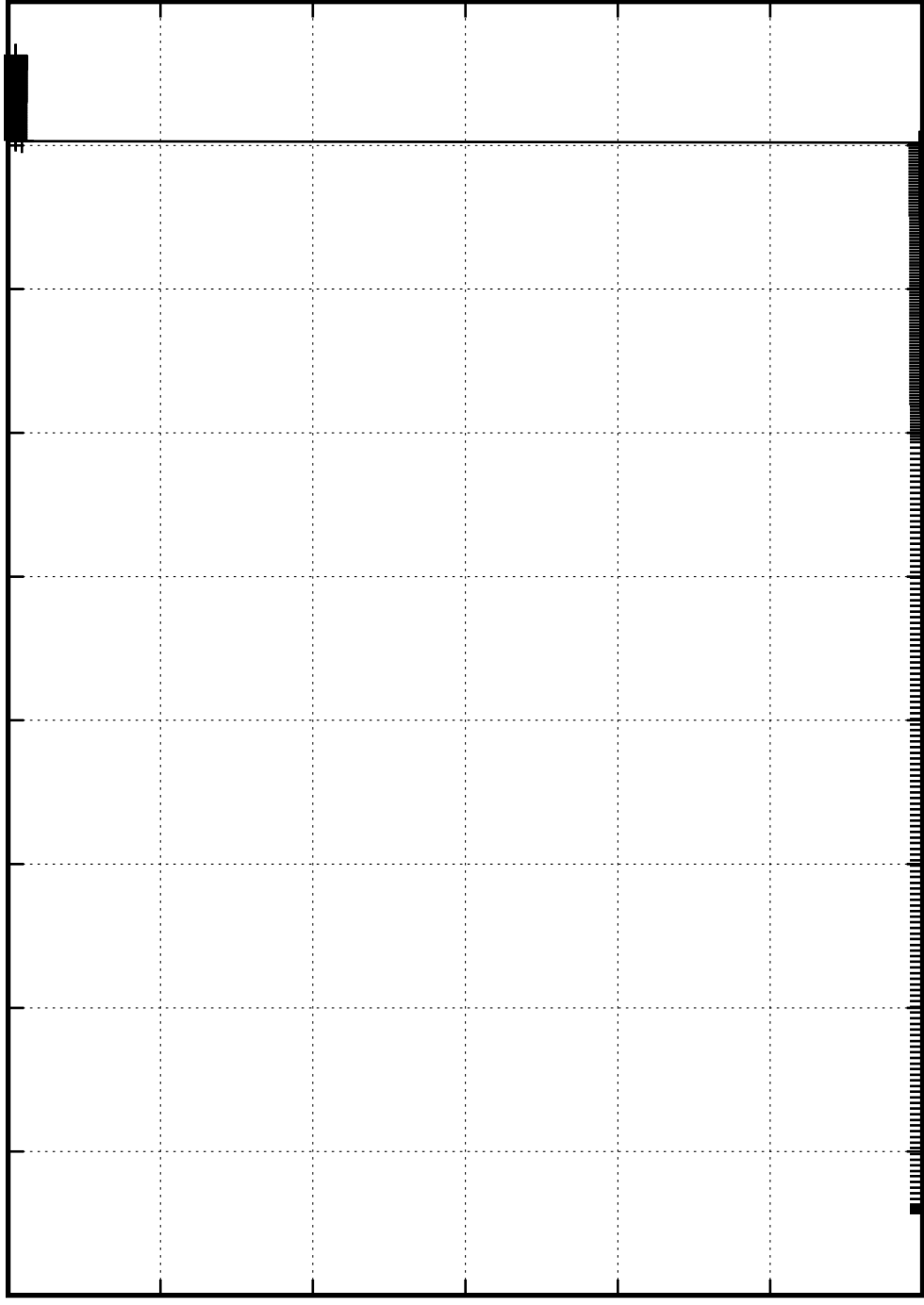
12

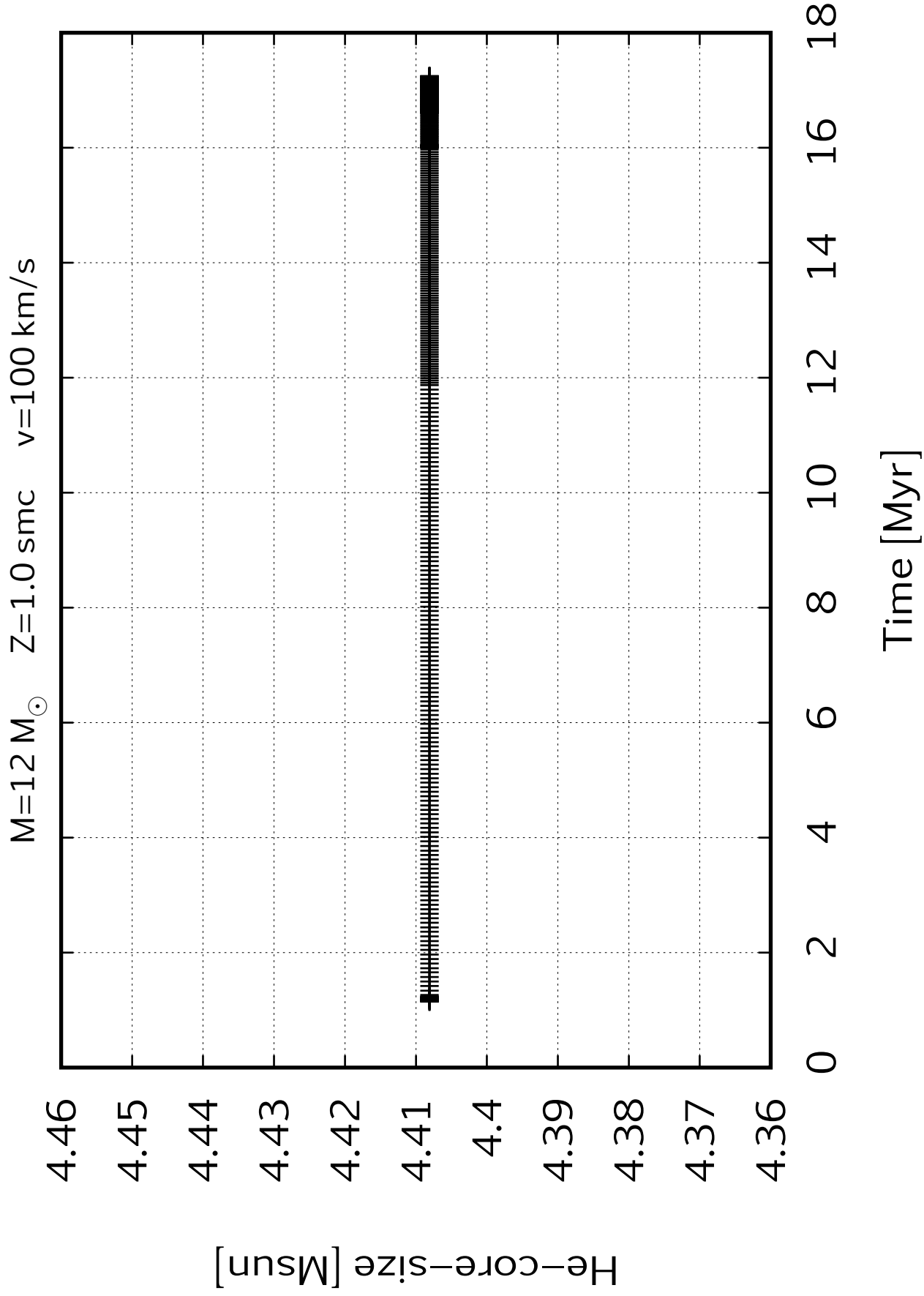
14

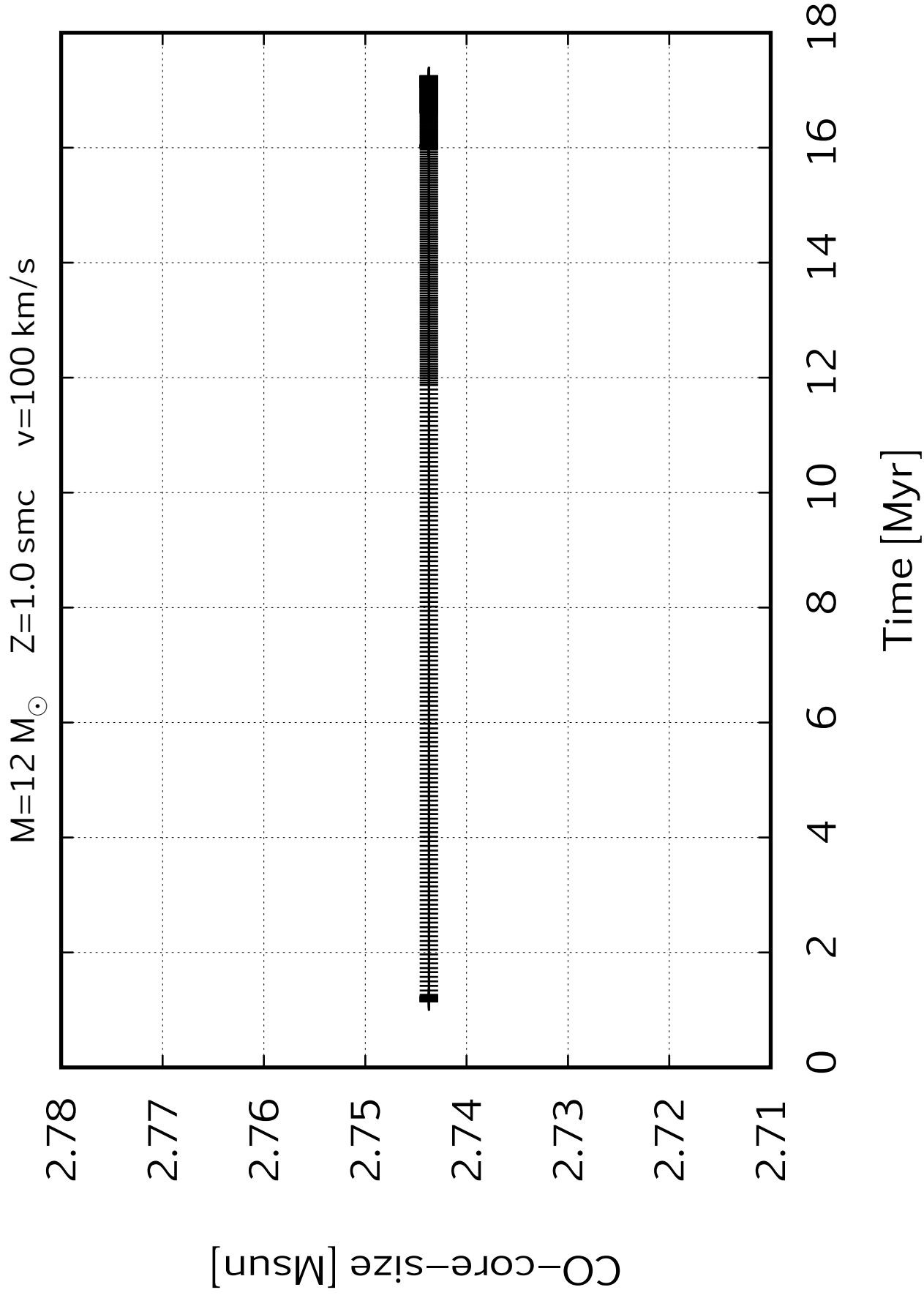
16

18

Time [Myr]







$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

0.747

0.746

0.745

0.744

0.743

0.742

0.741

0.74

0.739

0.738

$[\text{I} - \text{I}]_{\text{H}\beta}$

0

2

4

6

8

10

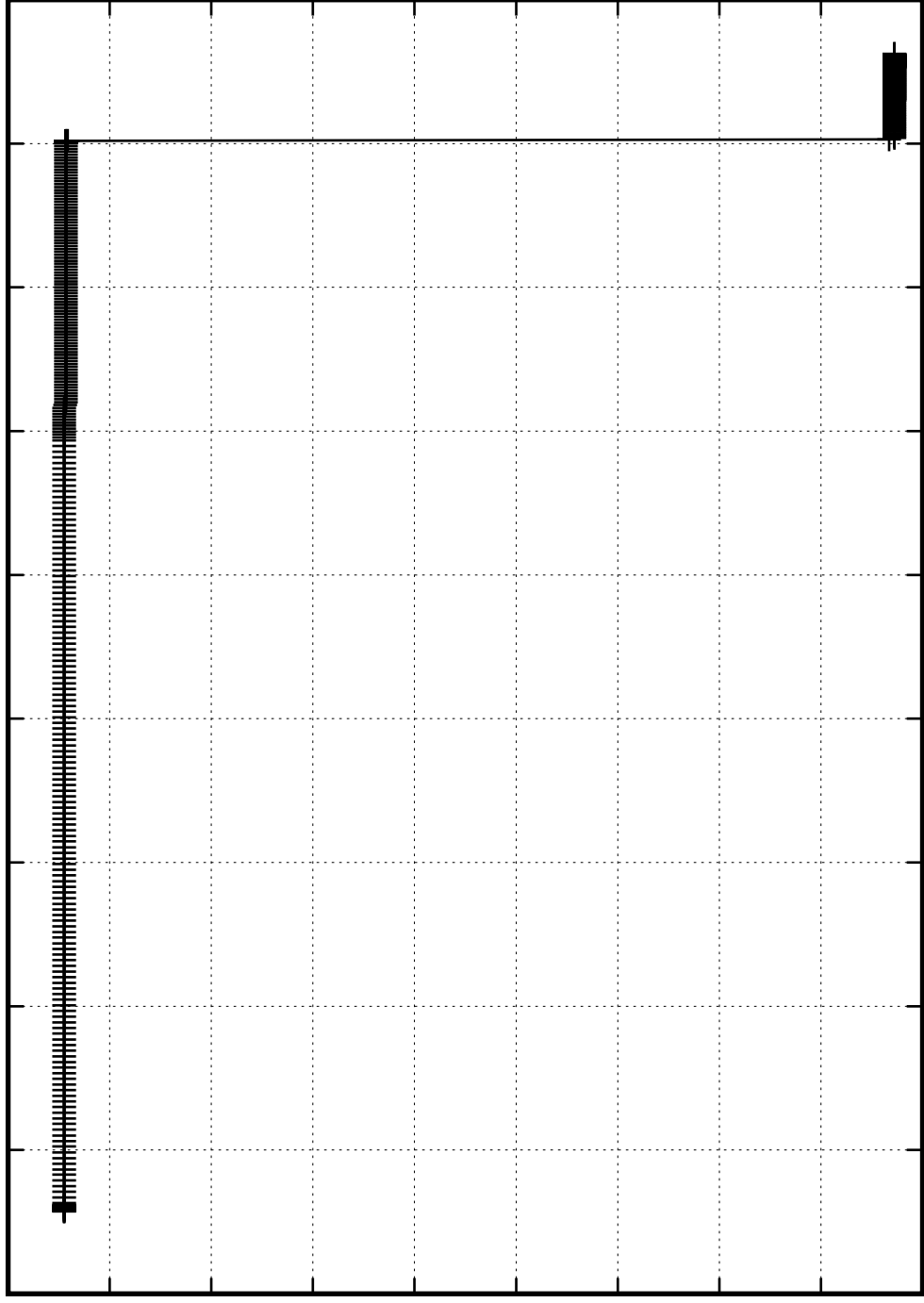
12

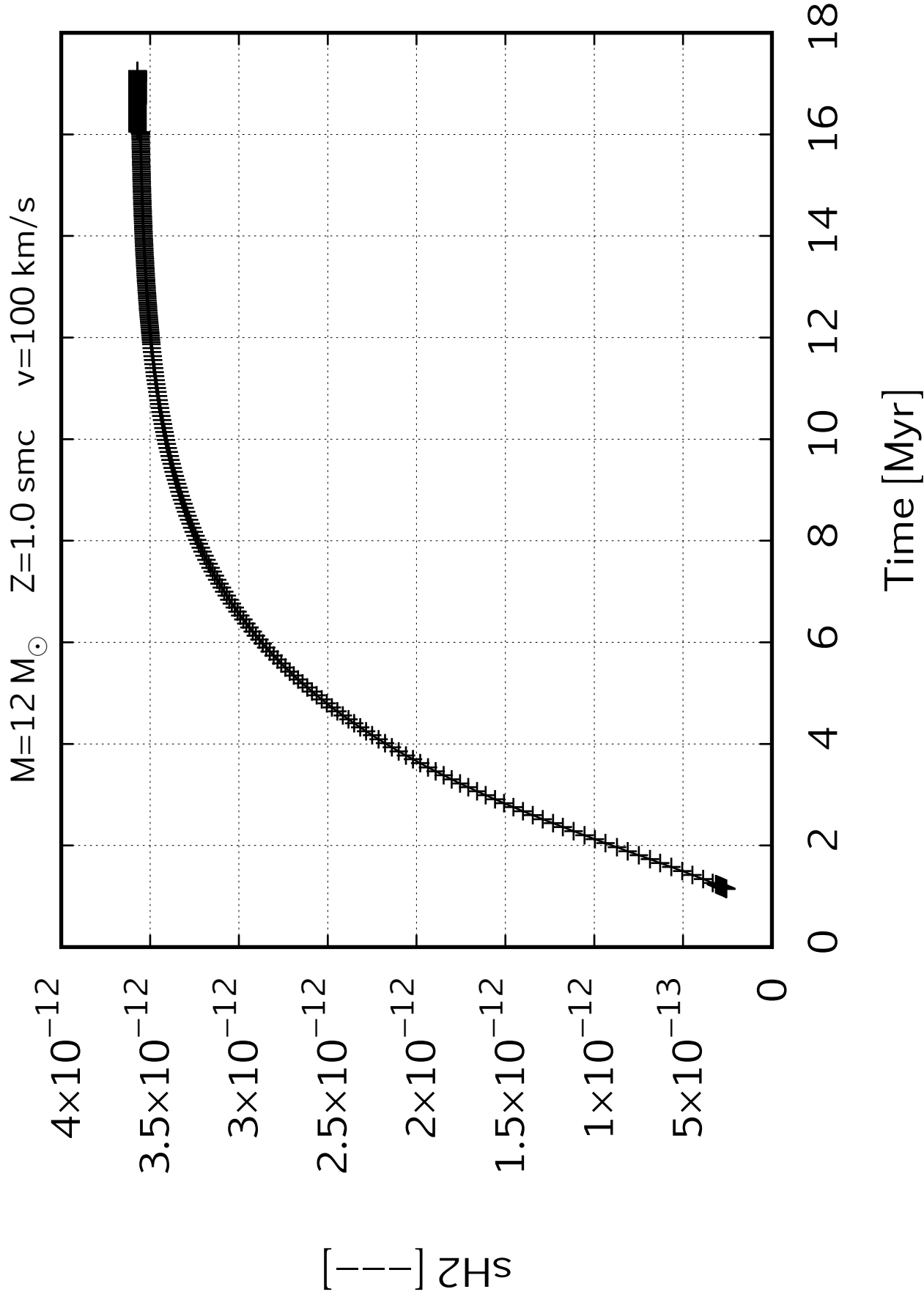
14

16

18

Time [Myr]





$M=12 M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

0.00003

0.00003

0.00003

0.00003

0.00002

0.00002

0.00002

0.00002

$[\text{He III}]$

0

2

4

6

8

10

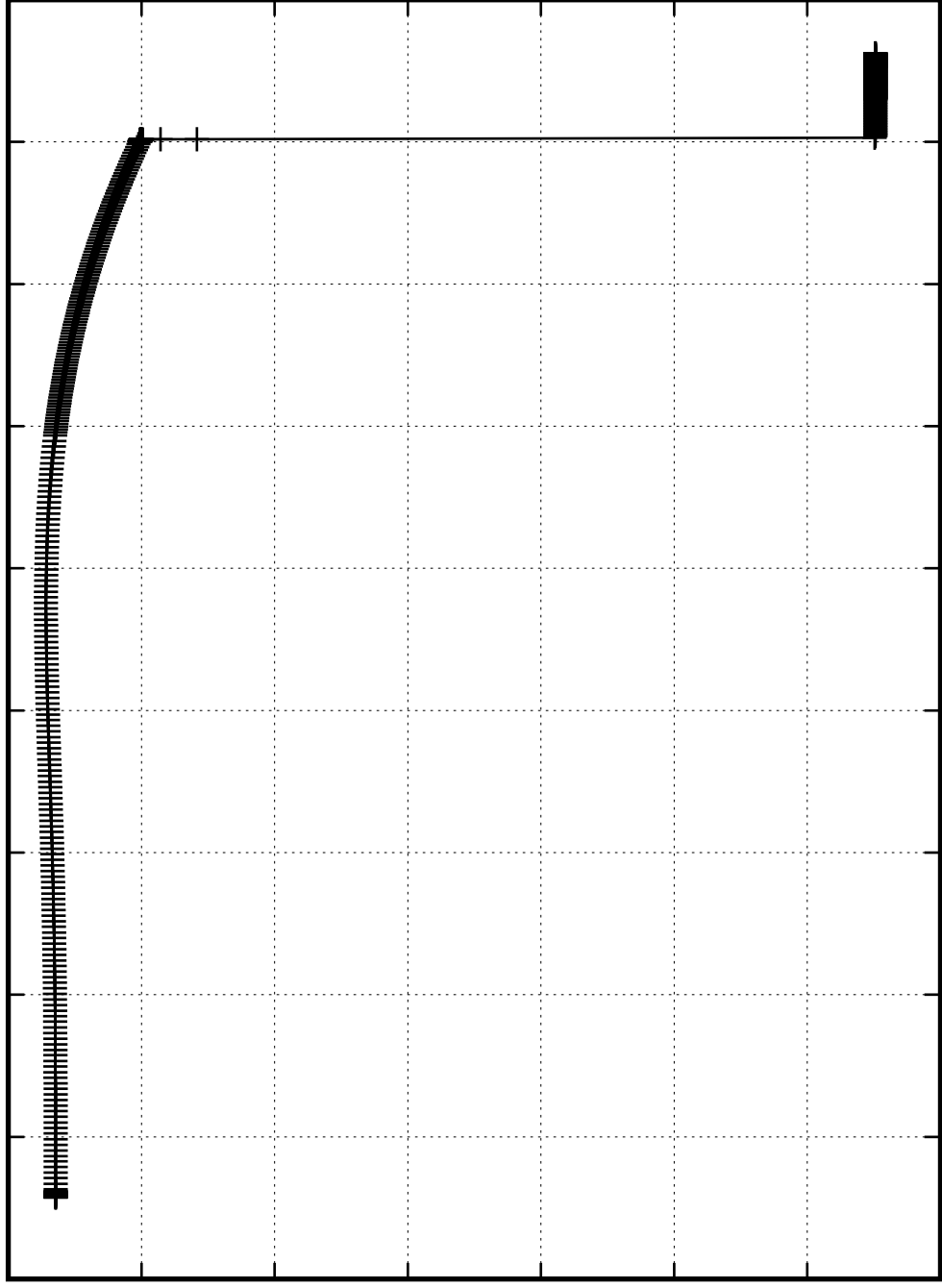
12

14

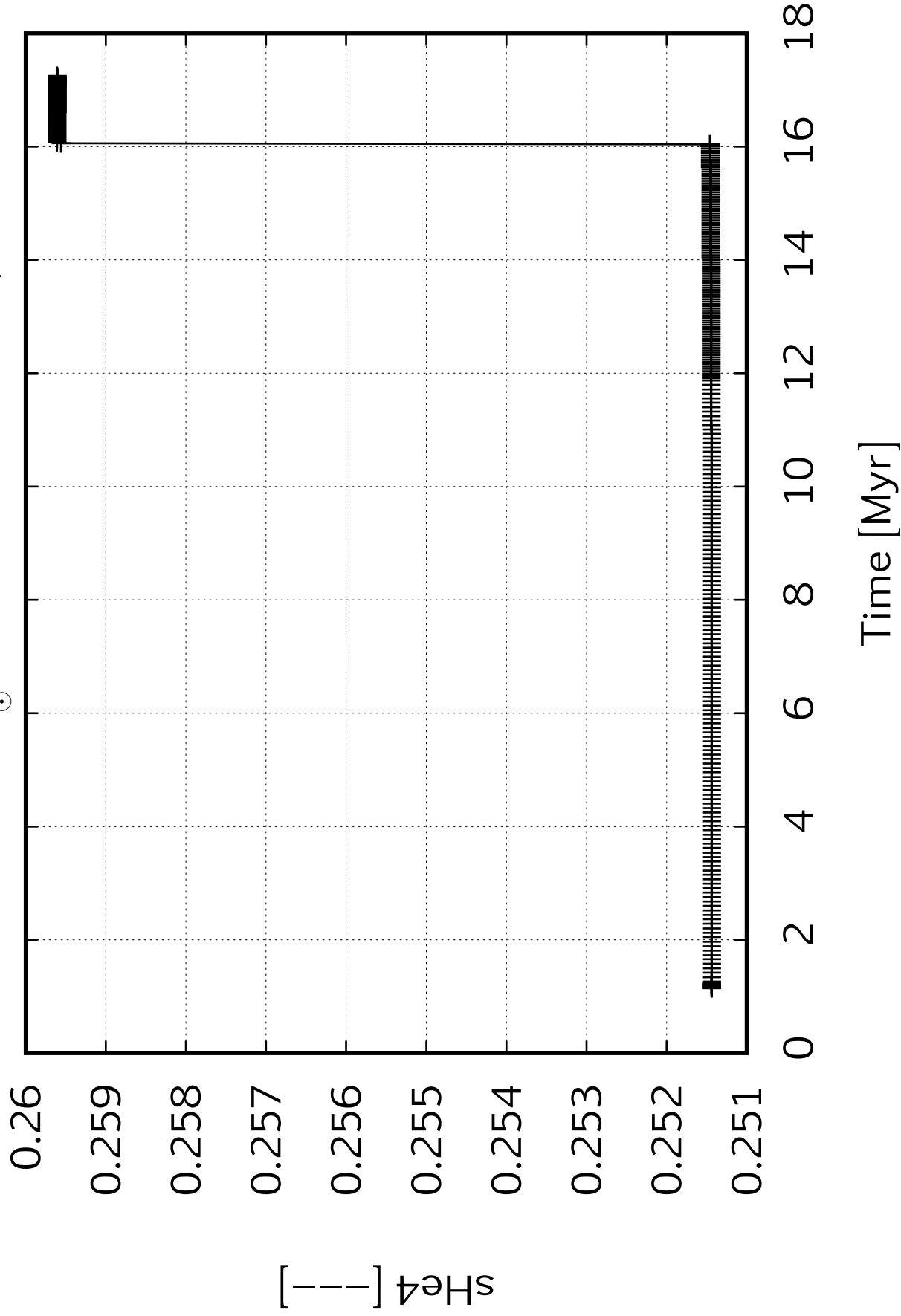
16

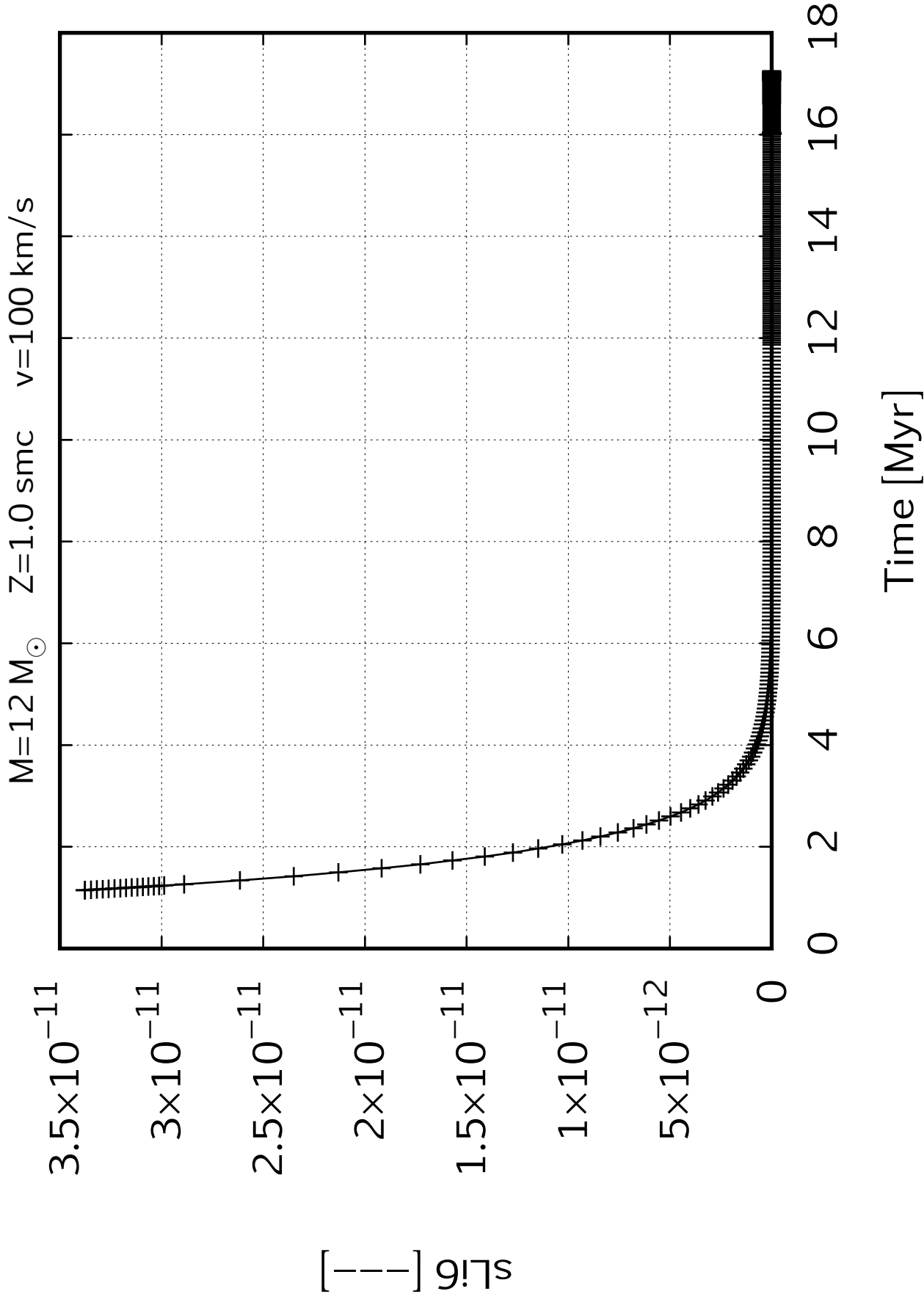
18

Time [Myr]

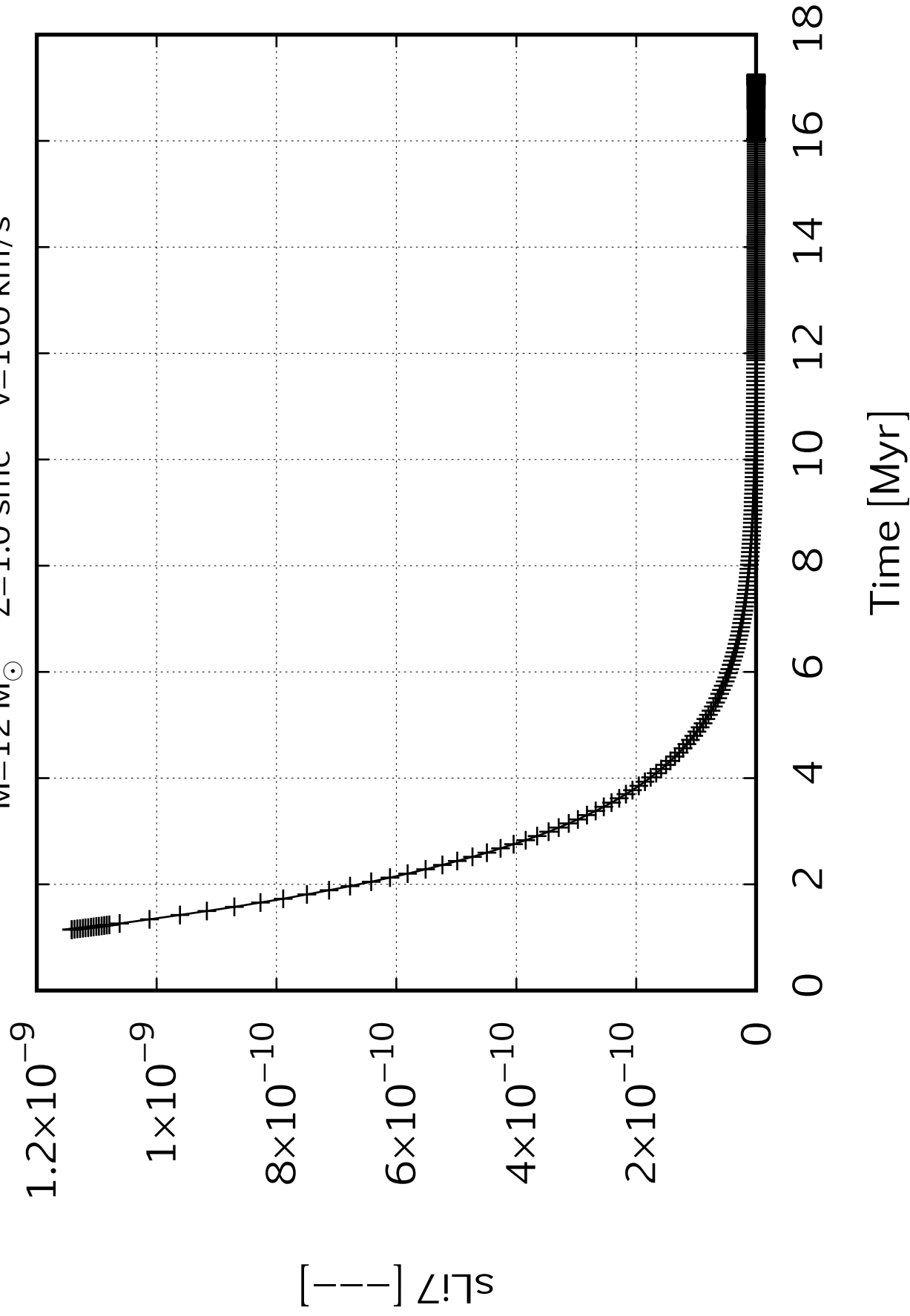


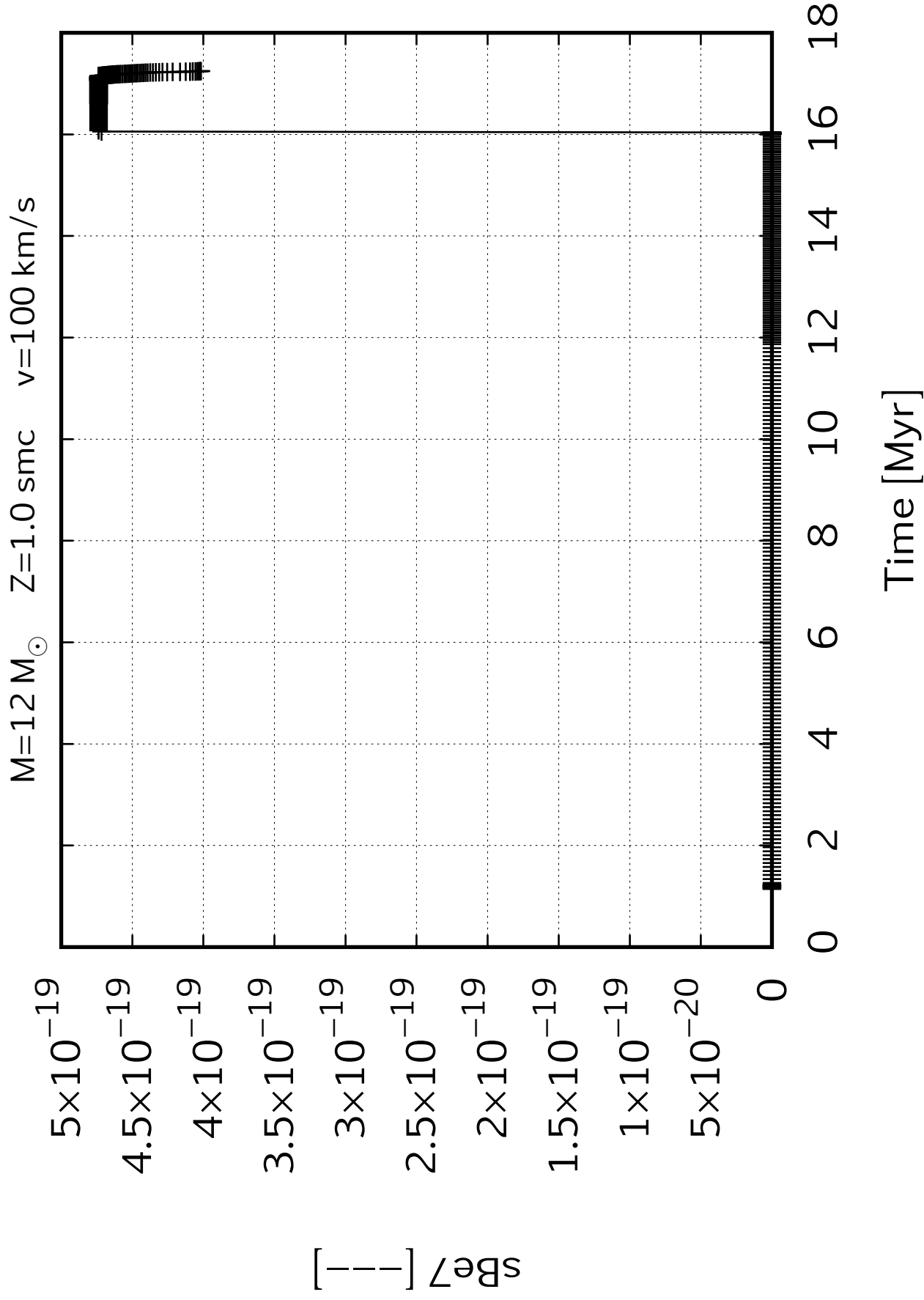
$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

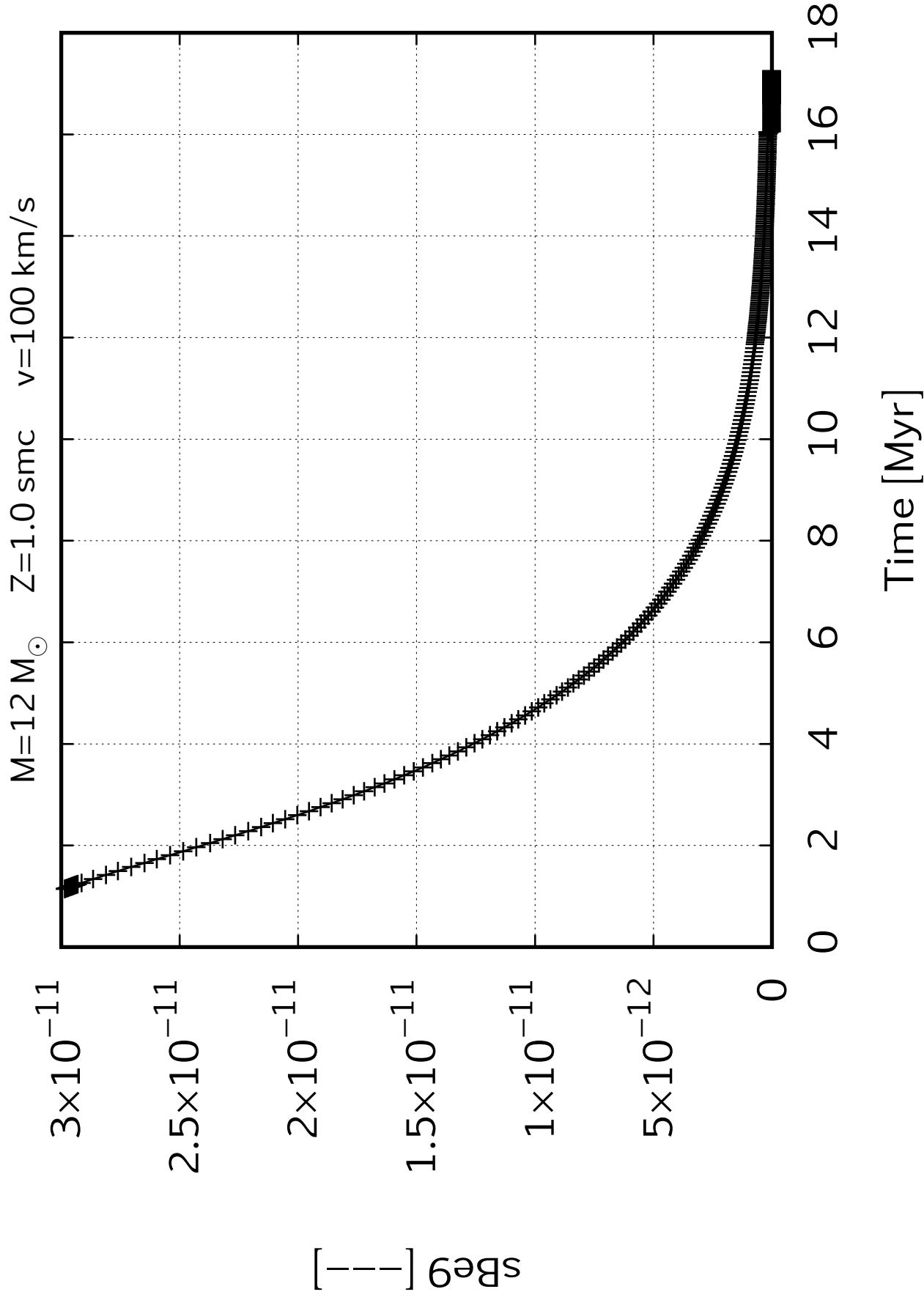


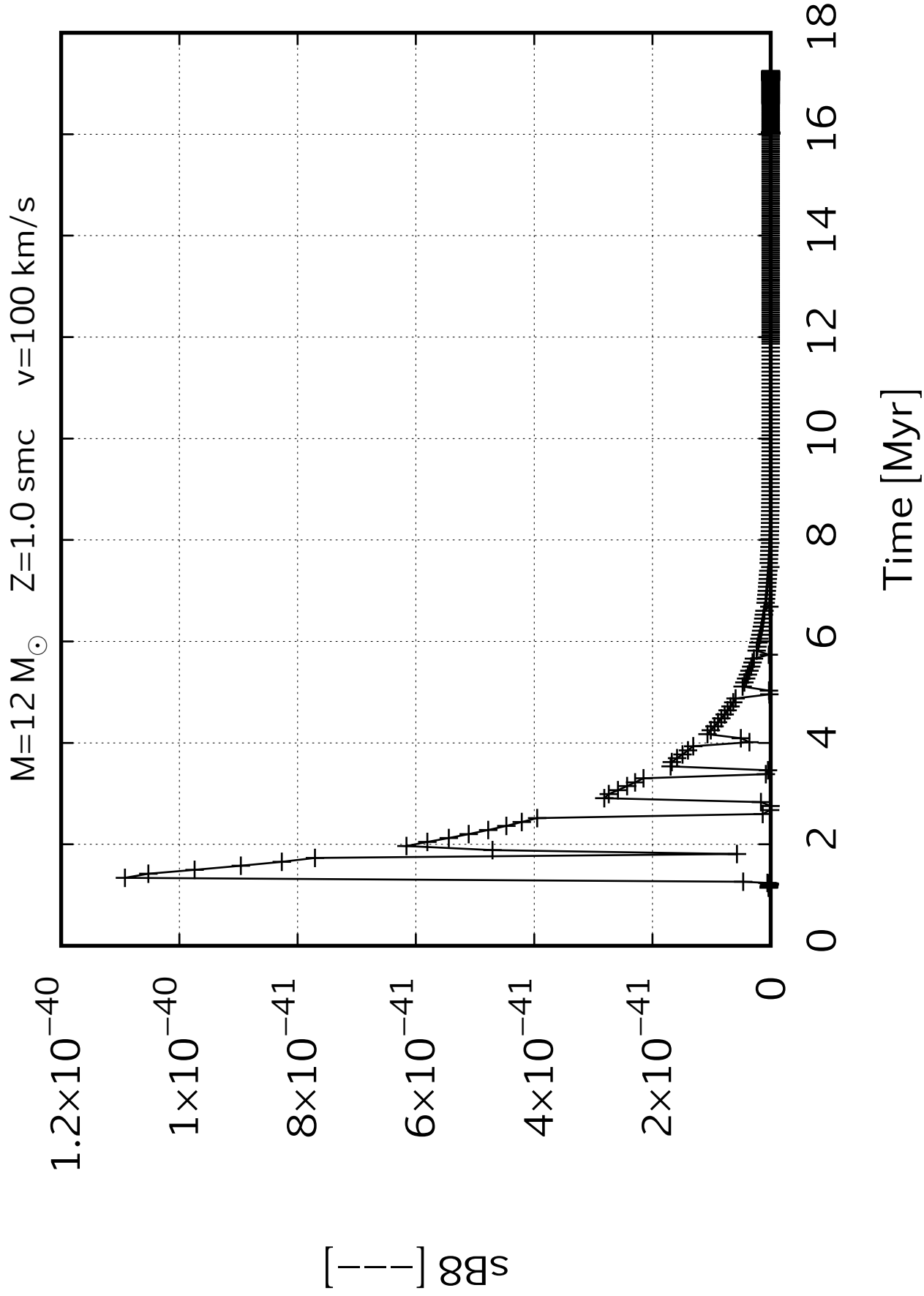


$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

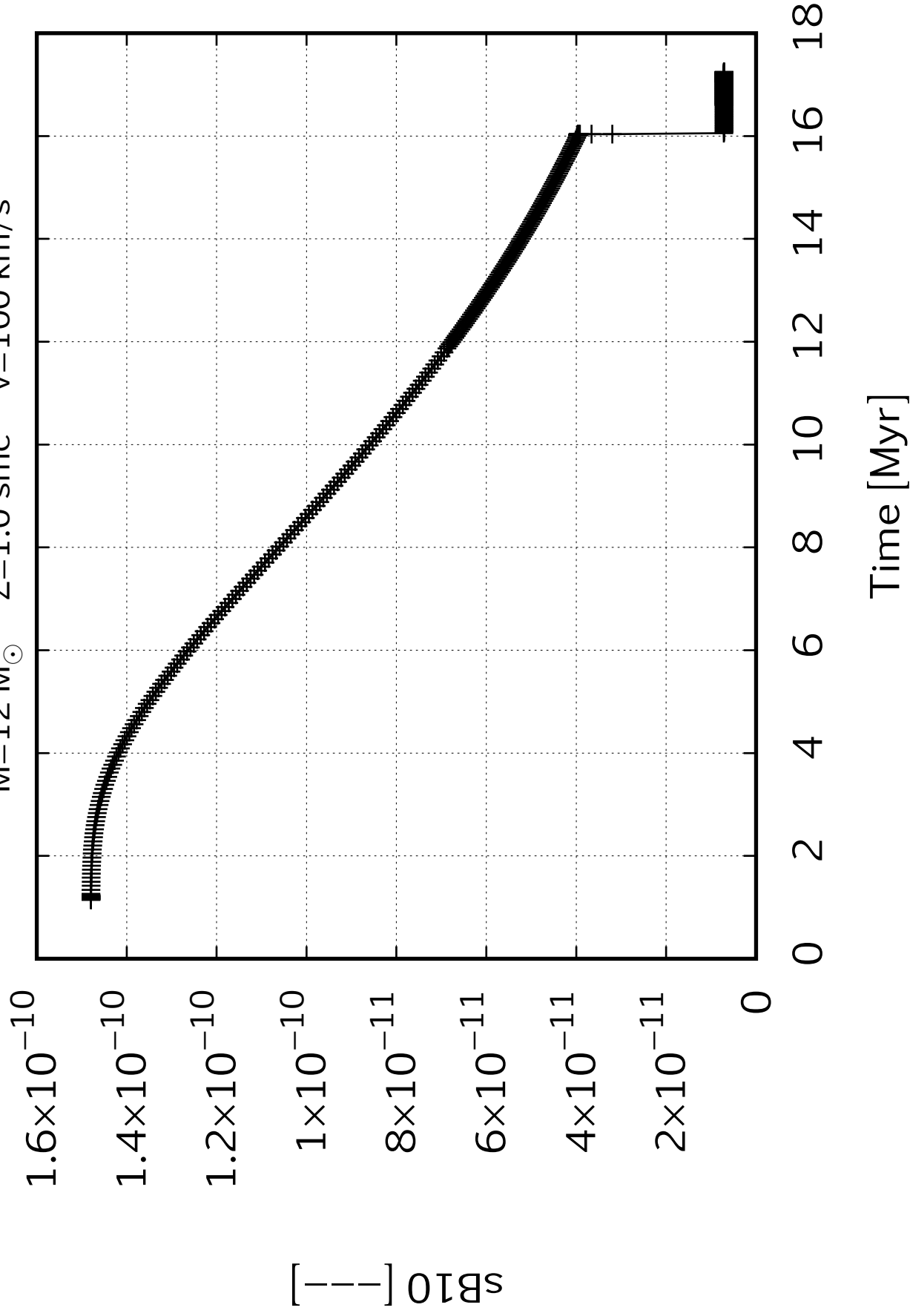




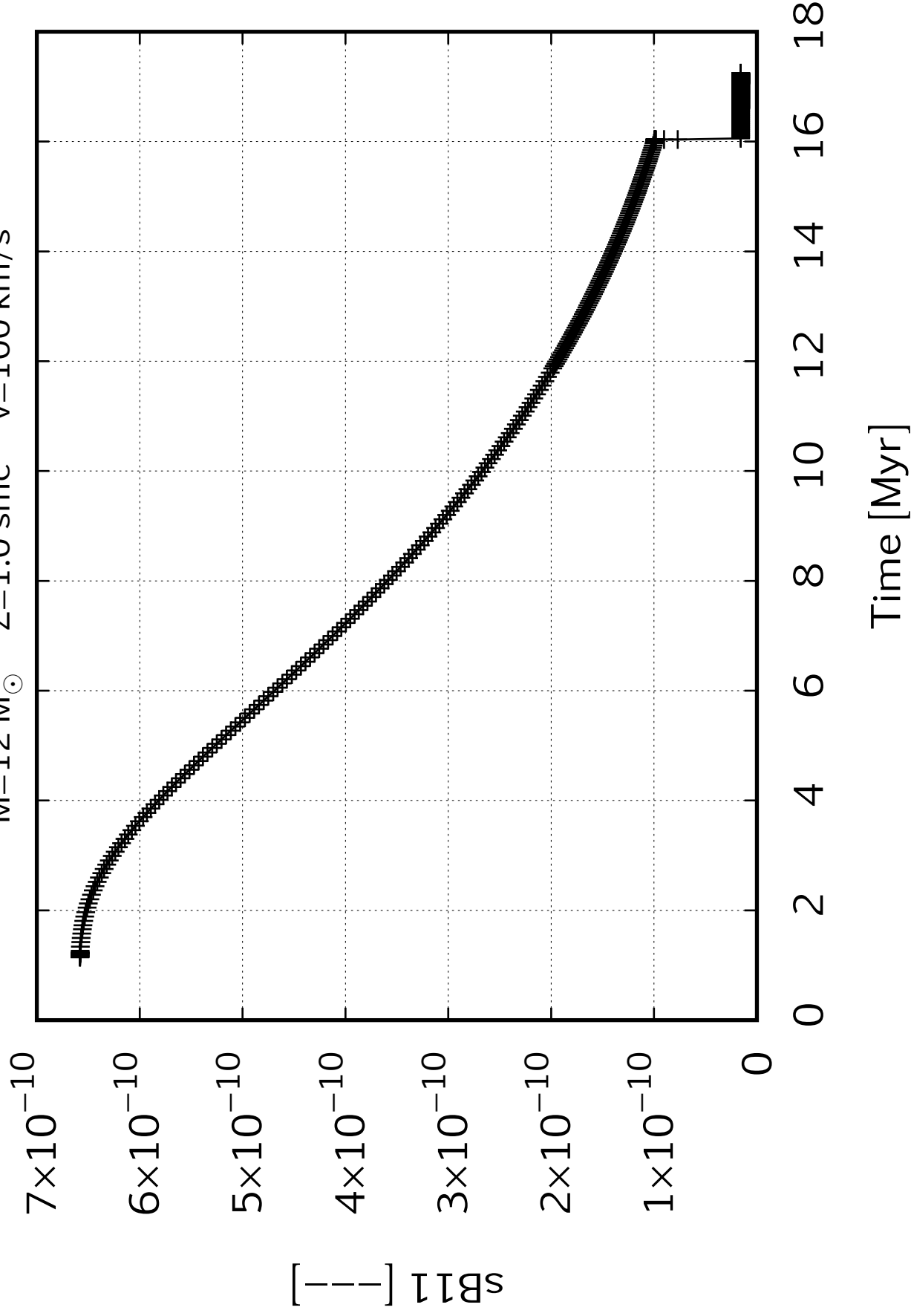


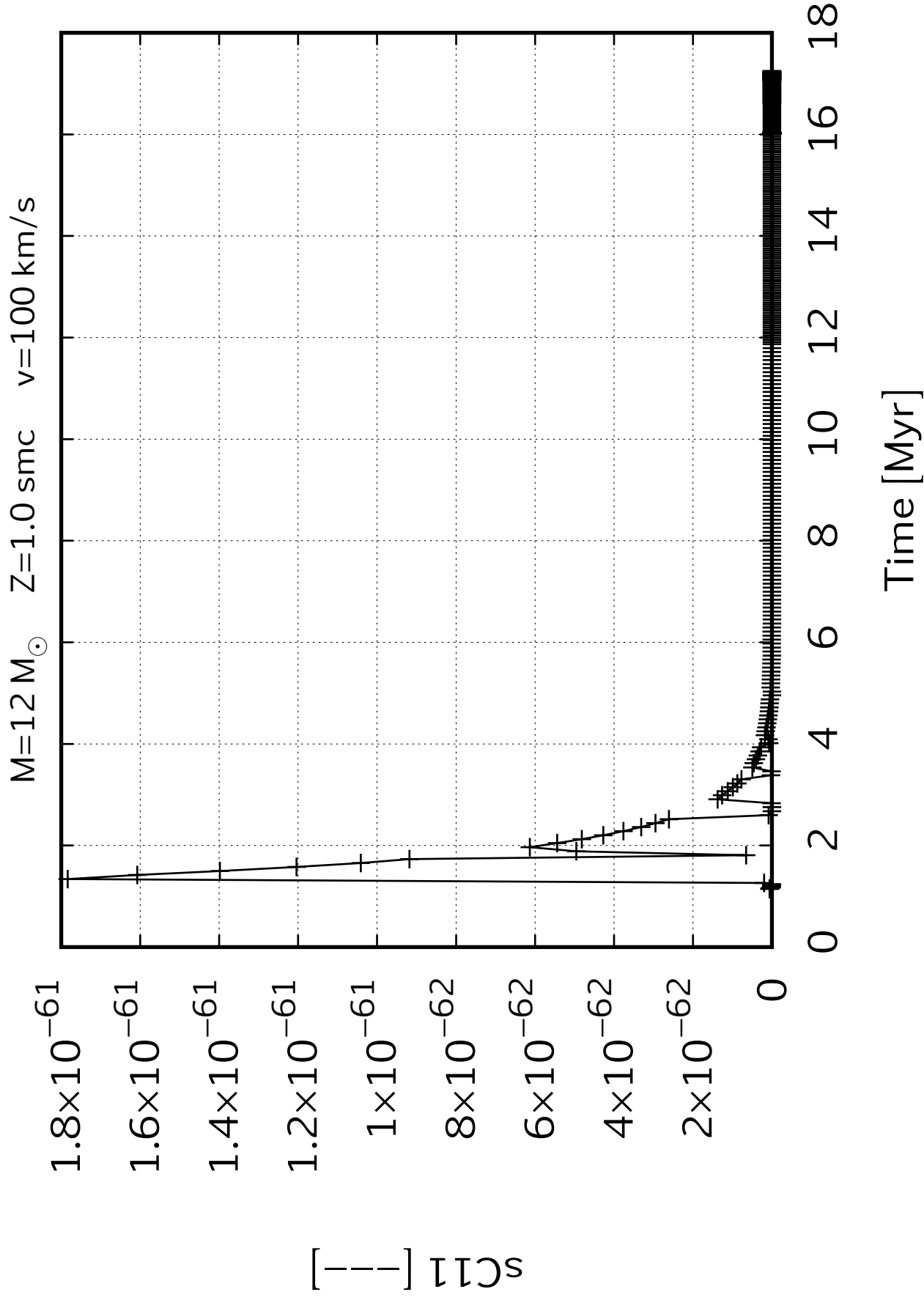


$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s



$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s





$M=12 M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

0.00022

0.00020

0.00018

0.00016

0.00014

0.00012

0.00010

0.00008

$sC12$ [—]

0

2

4

6

8

10

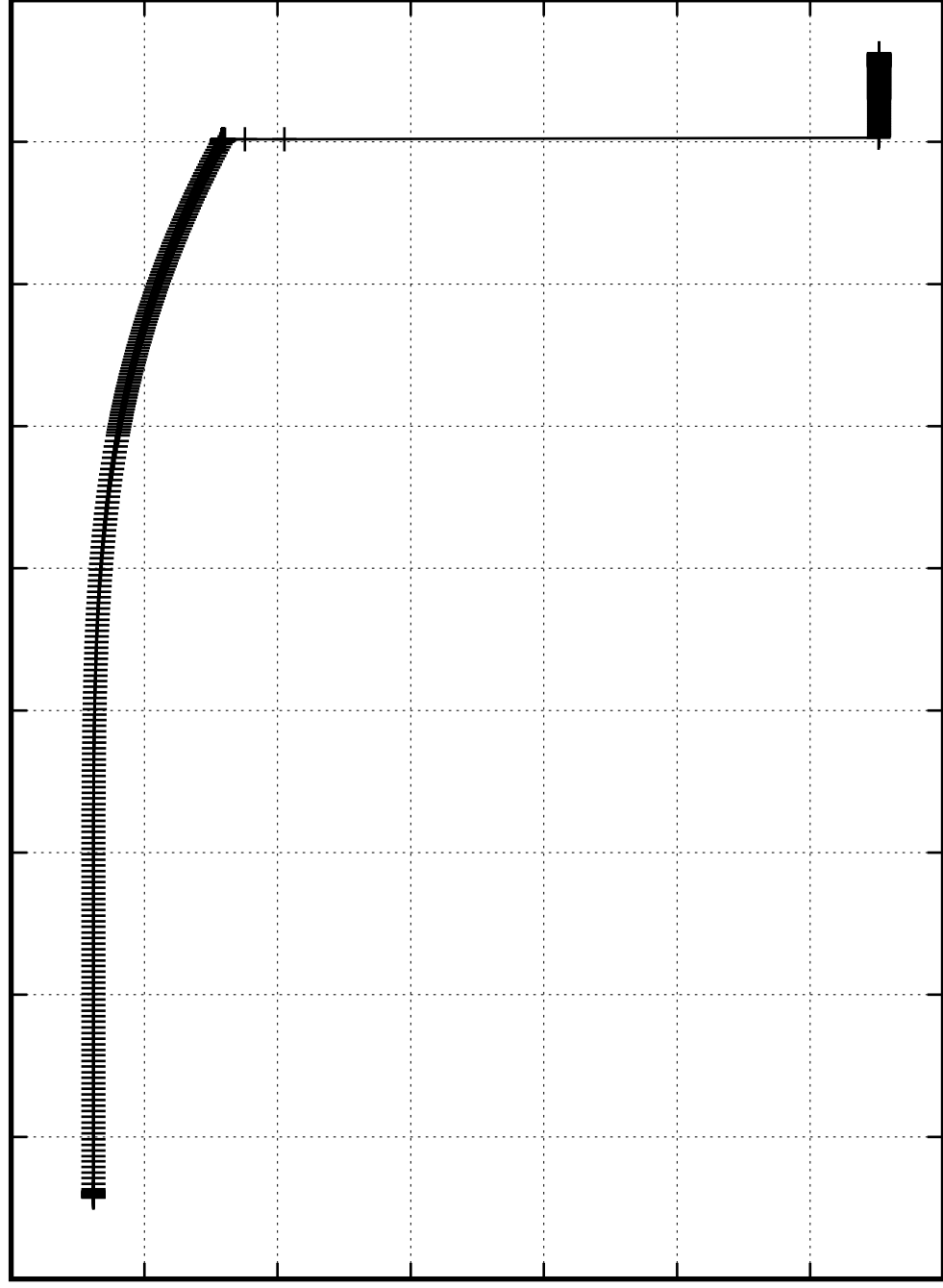
12

14

16

18

Time [Myr]

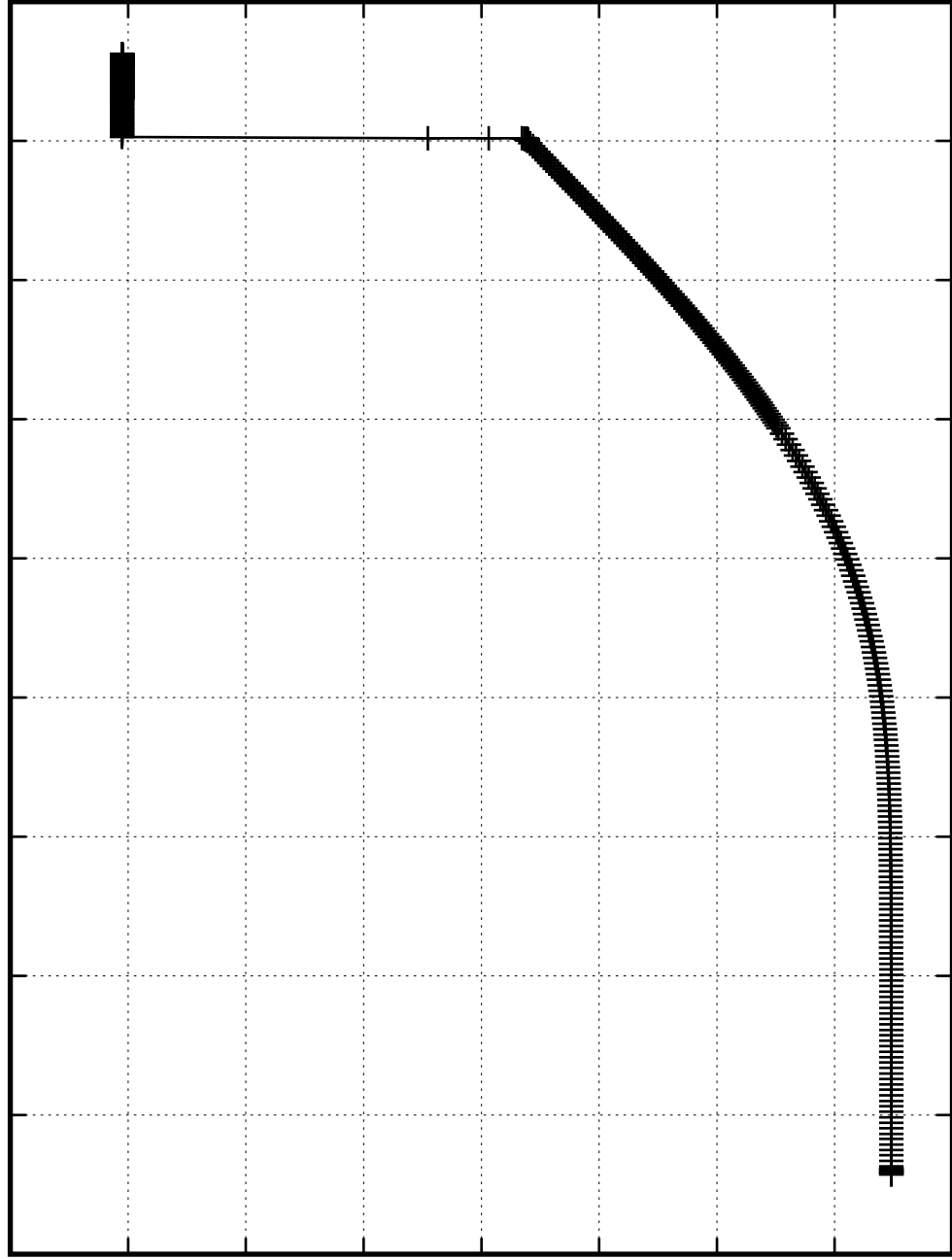


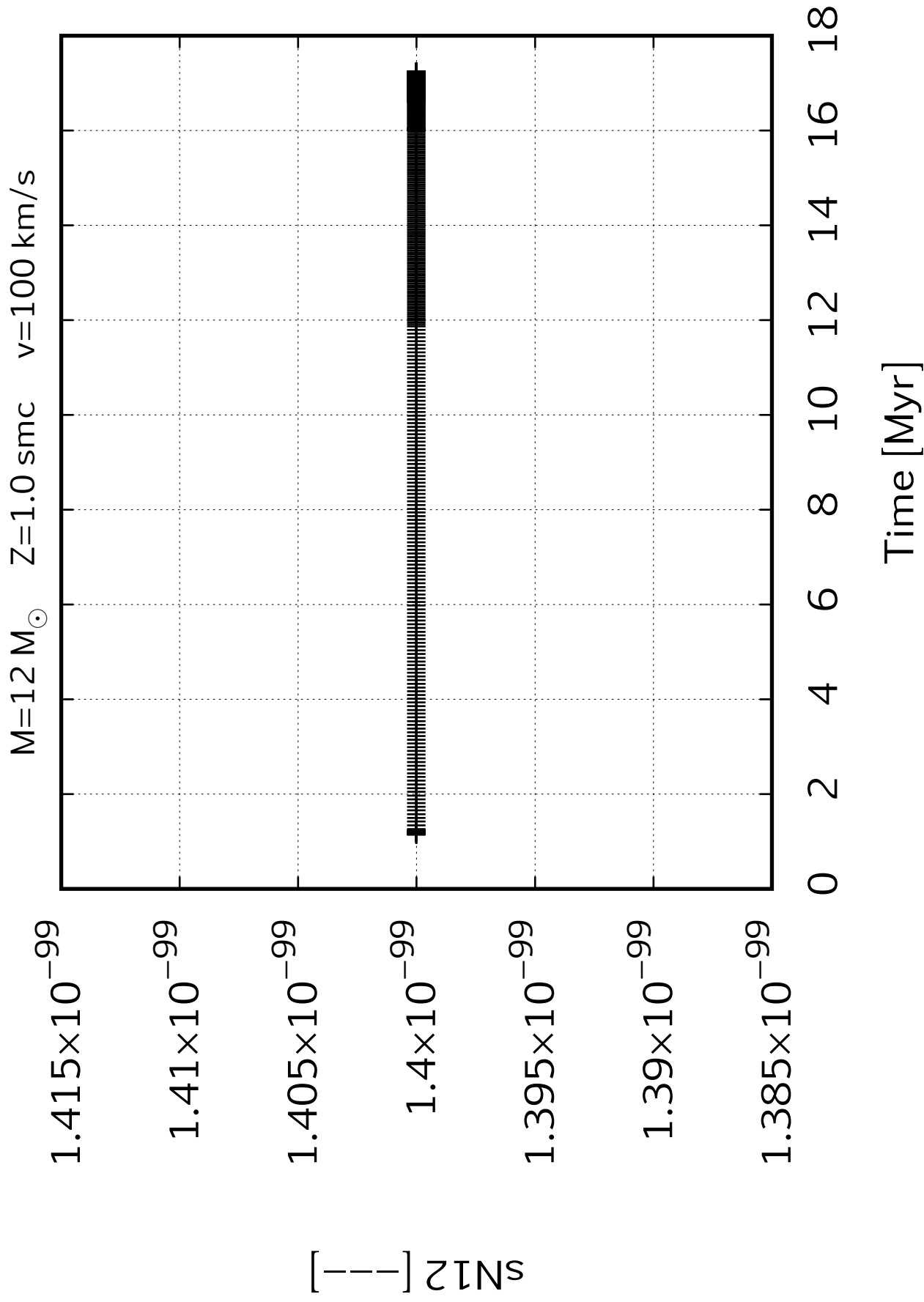
$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

^{13}C [—] [—]

0 2 4 6 8 10 12 14 16 18

Time [Myr]





$M=12 M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

0.00025

0.0002

0.00015

0.0001

5×10^{-5}

0

$s N_{14} []$

0

2

4

6

8

10

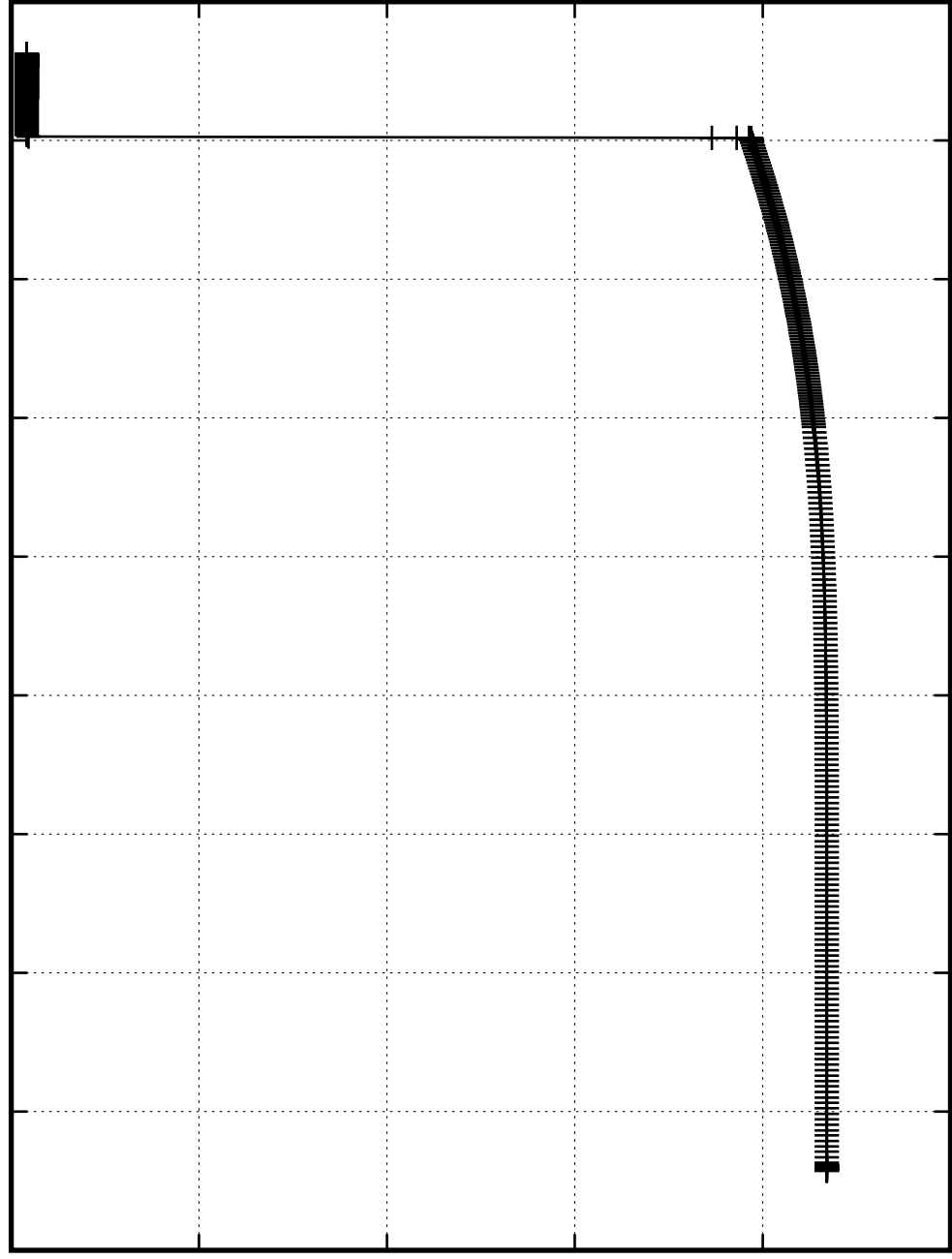
12

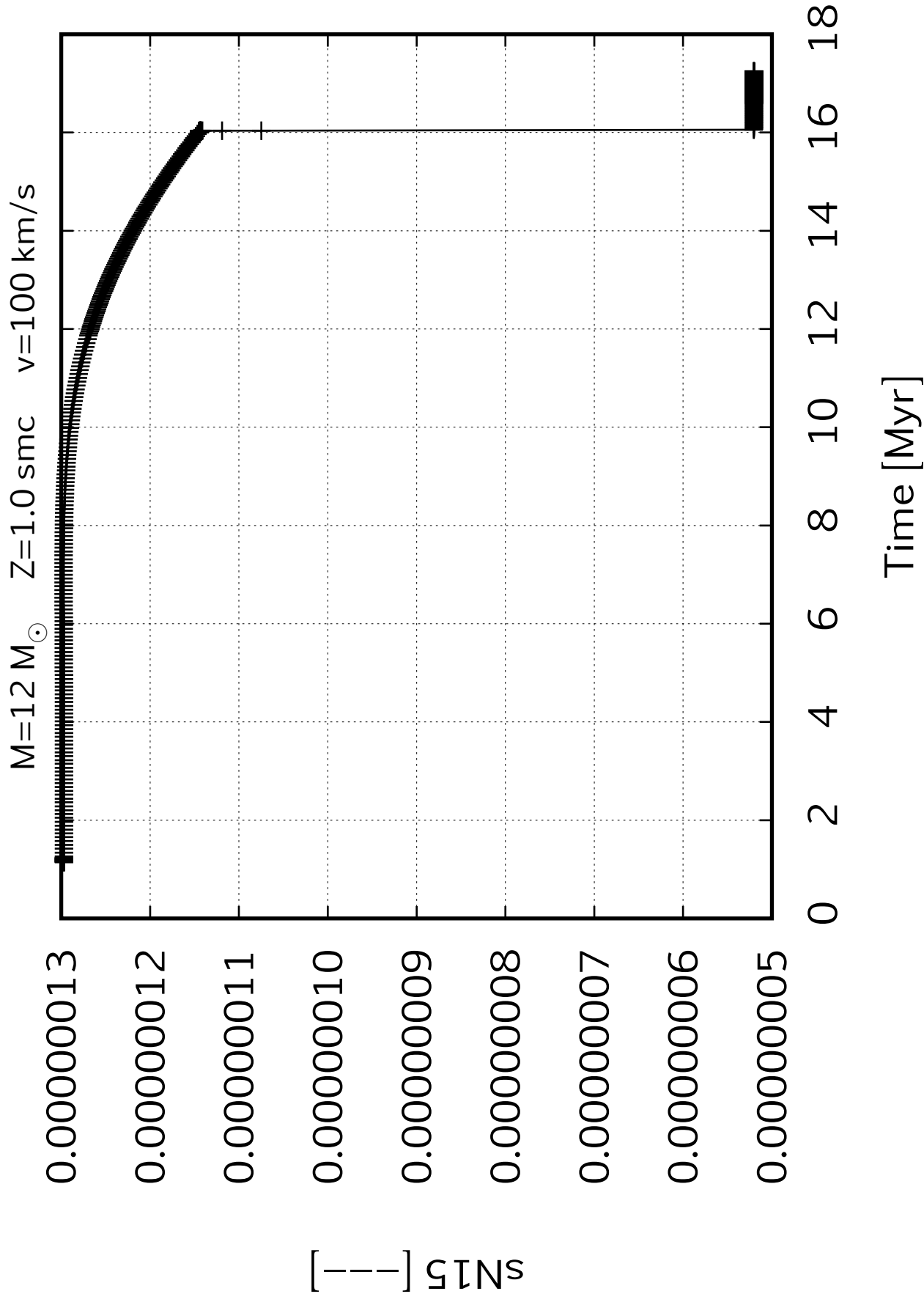
14

16

18

Time [Myr]

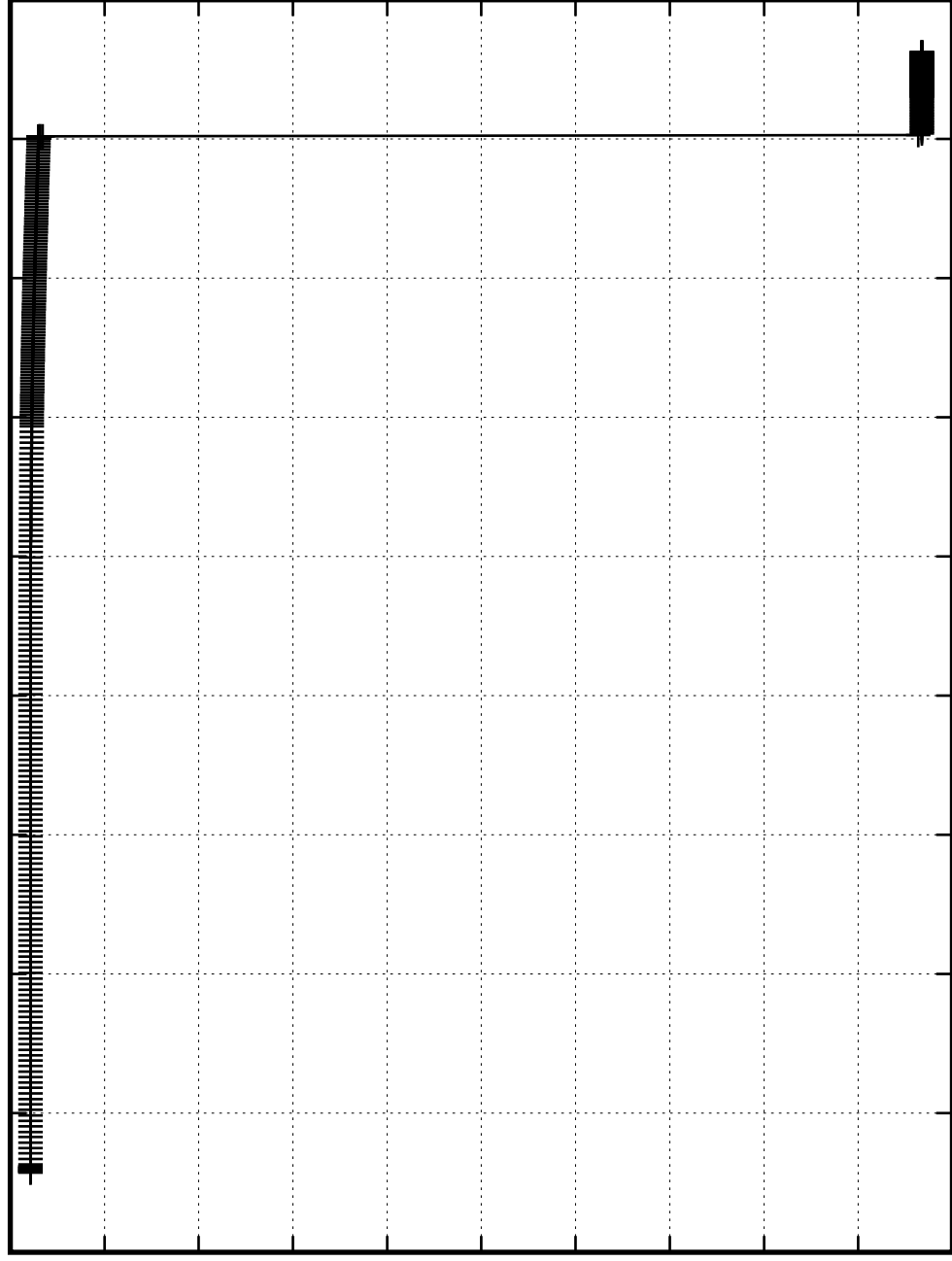




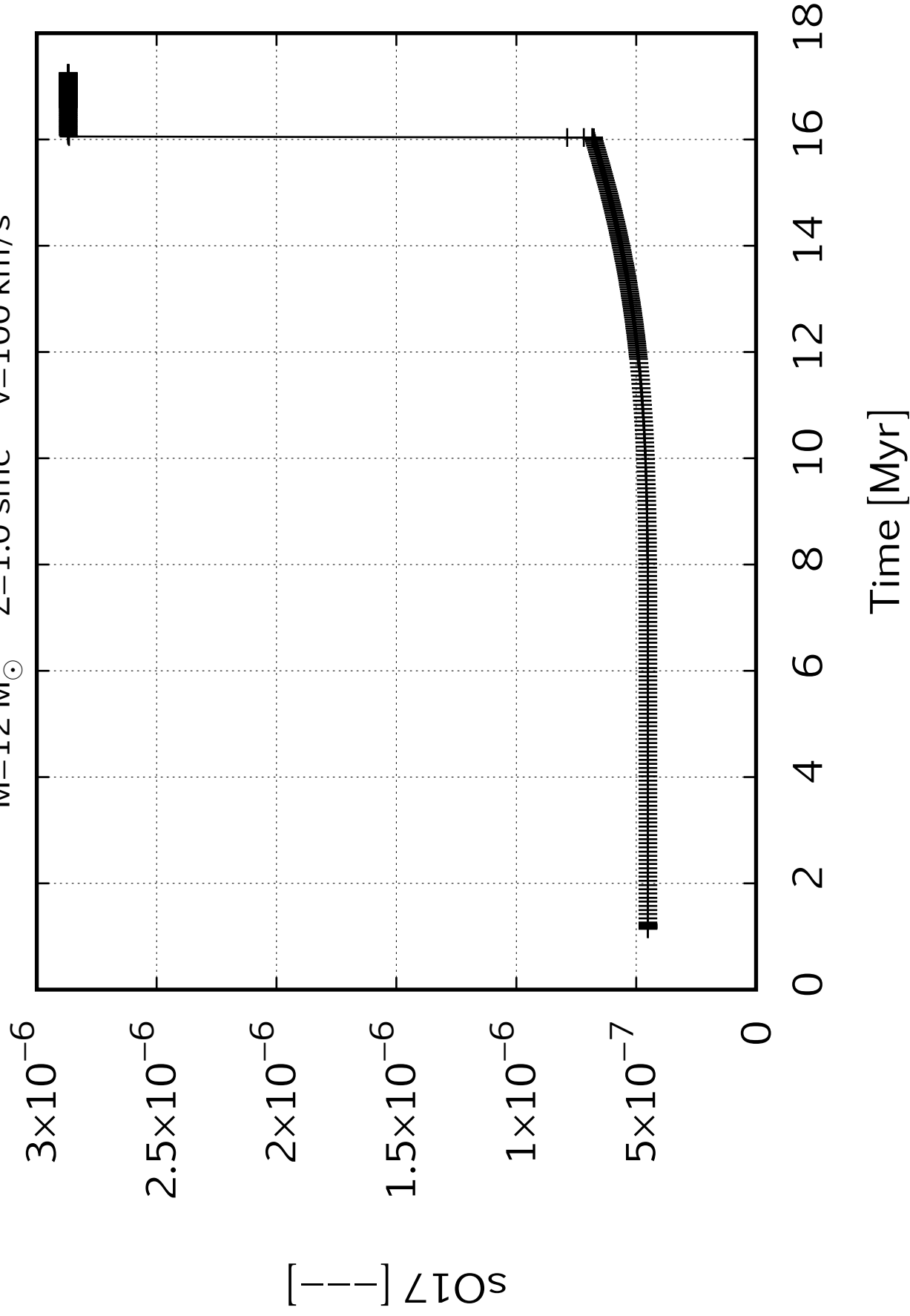
$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

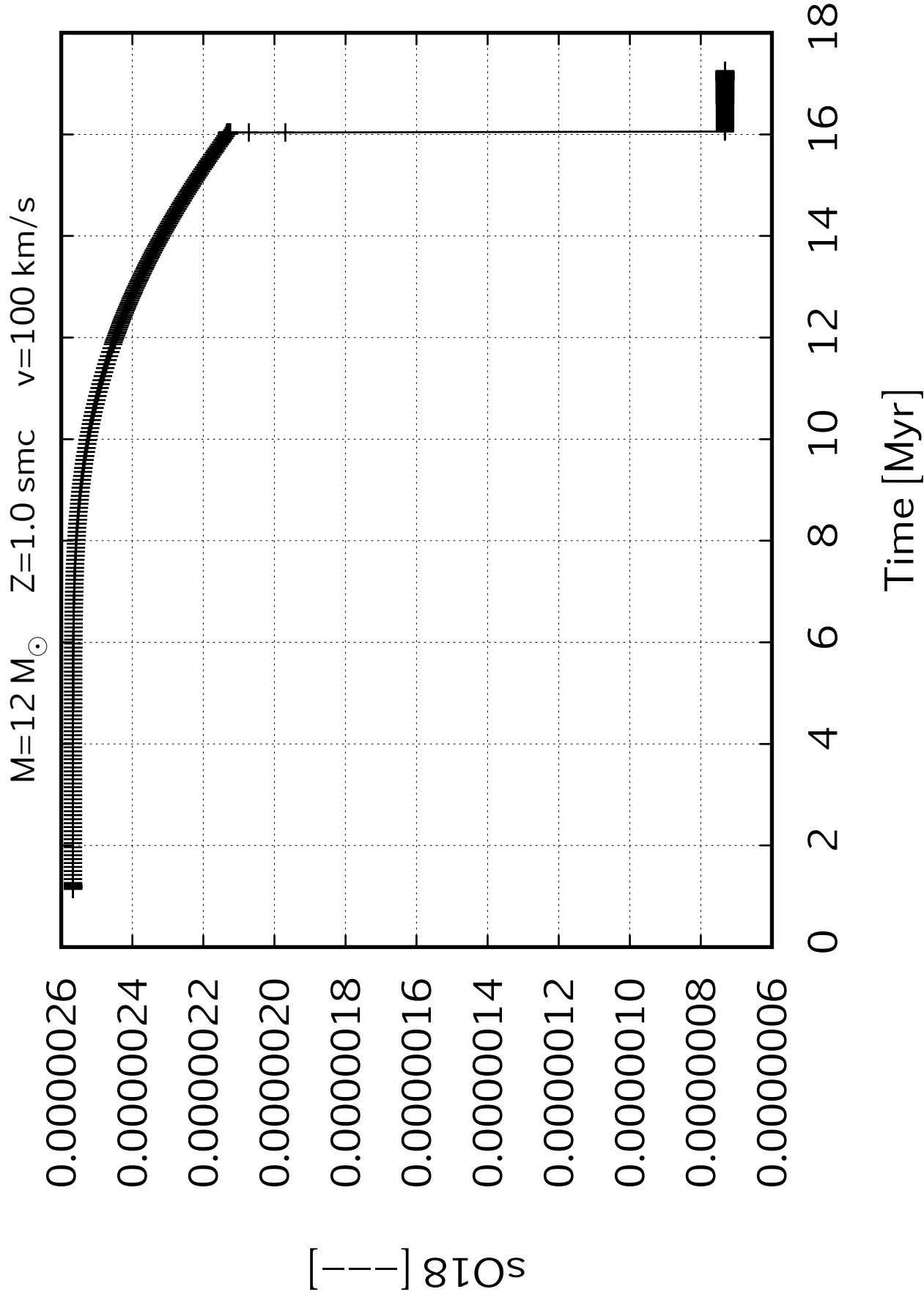
^{16}O [—]
0.00114
0.00113
0.00112
0.00111
0.0011
0.00109
0.00108
0.00107
0.00106
0.00105
0.00104

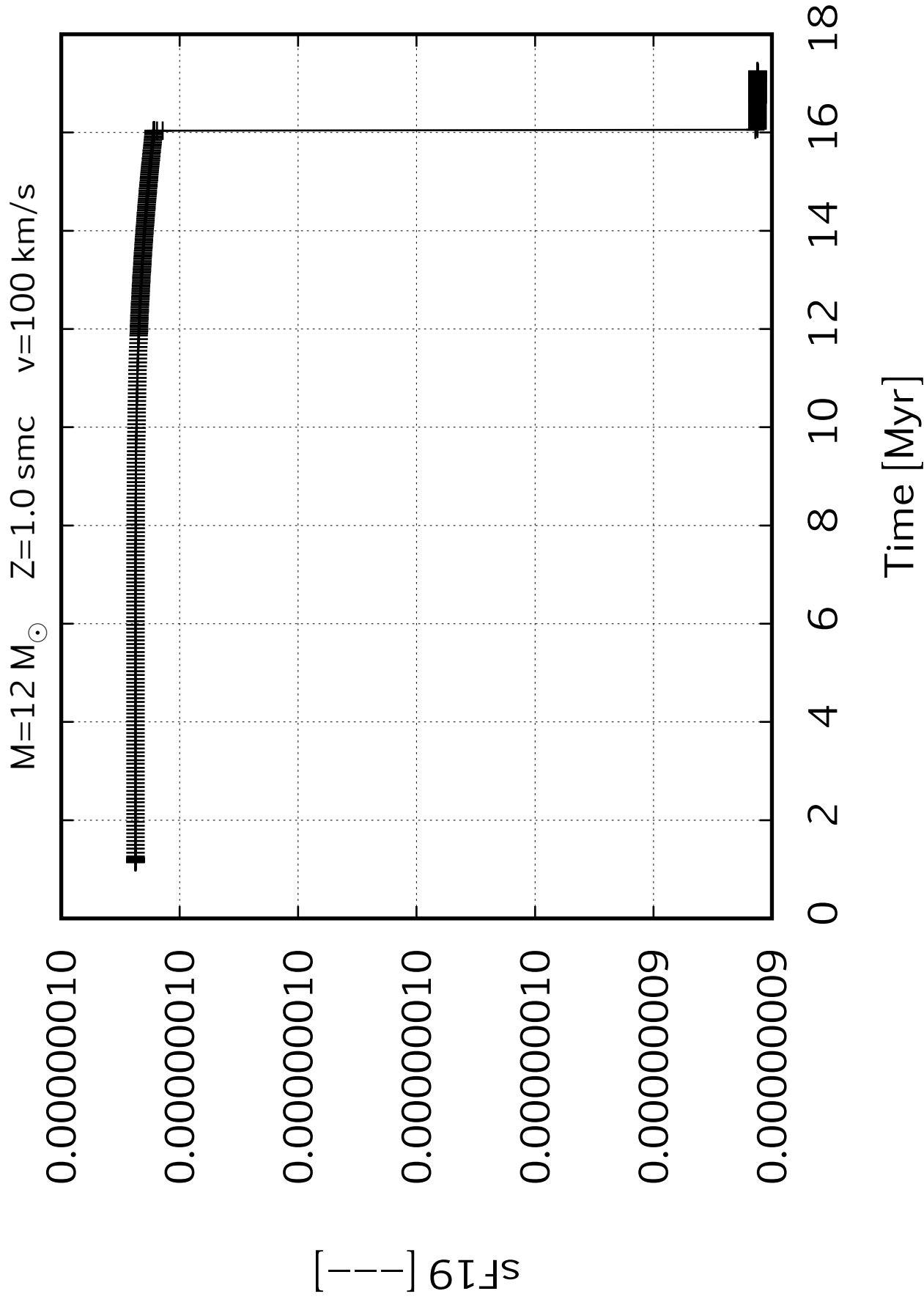
0 2 4 6 8 10 12 14 16 18
Time [Myr]

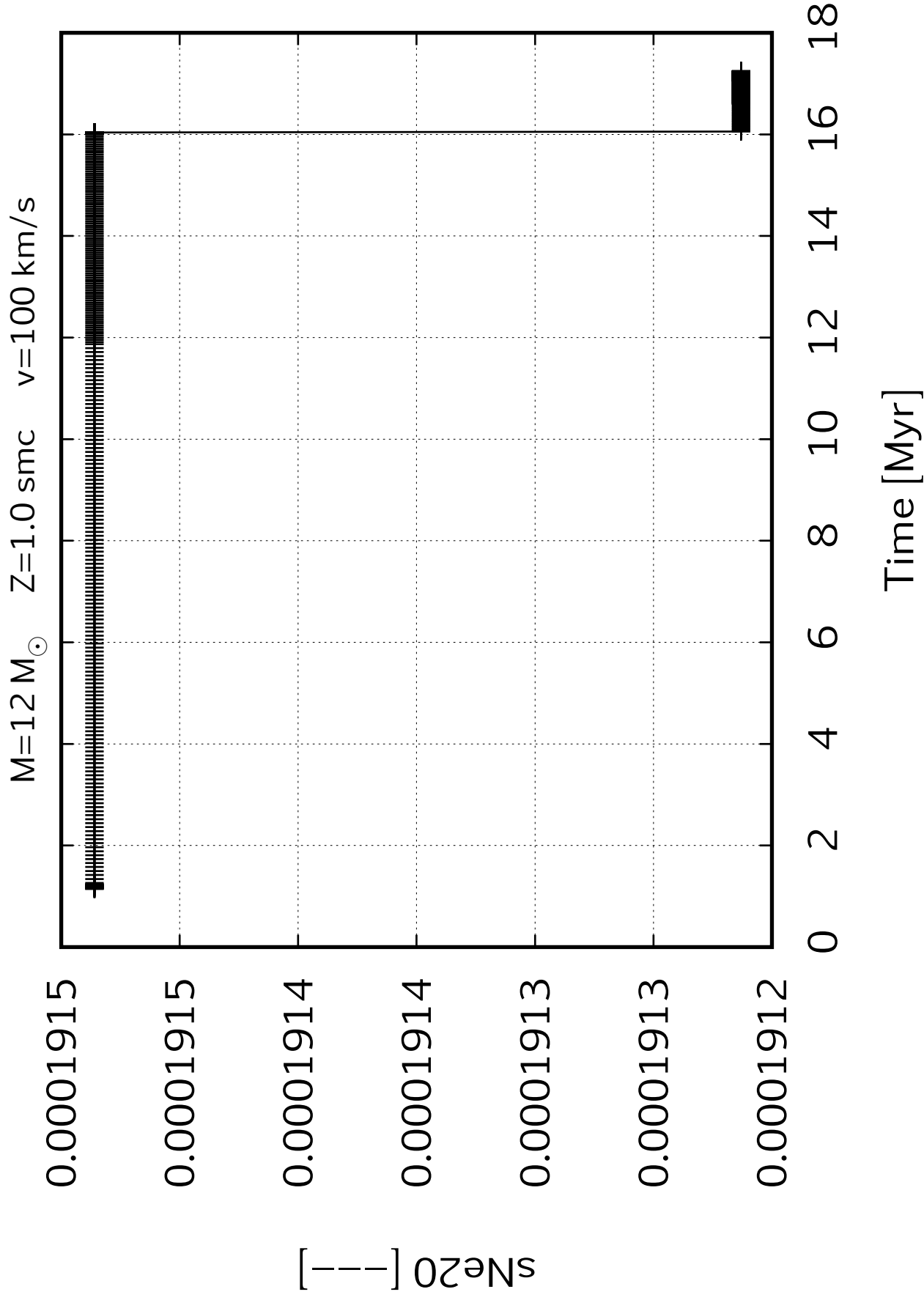


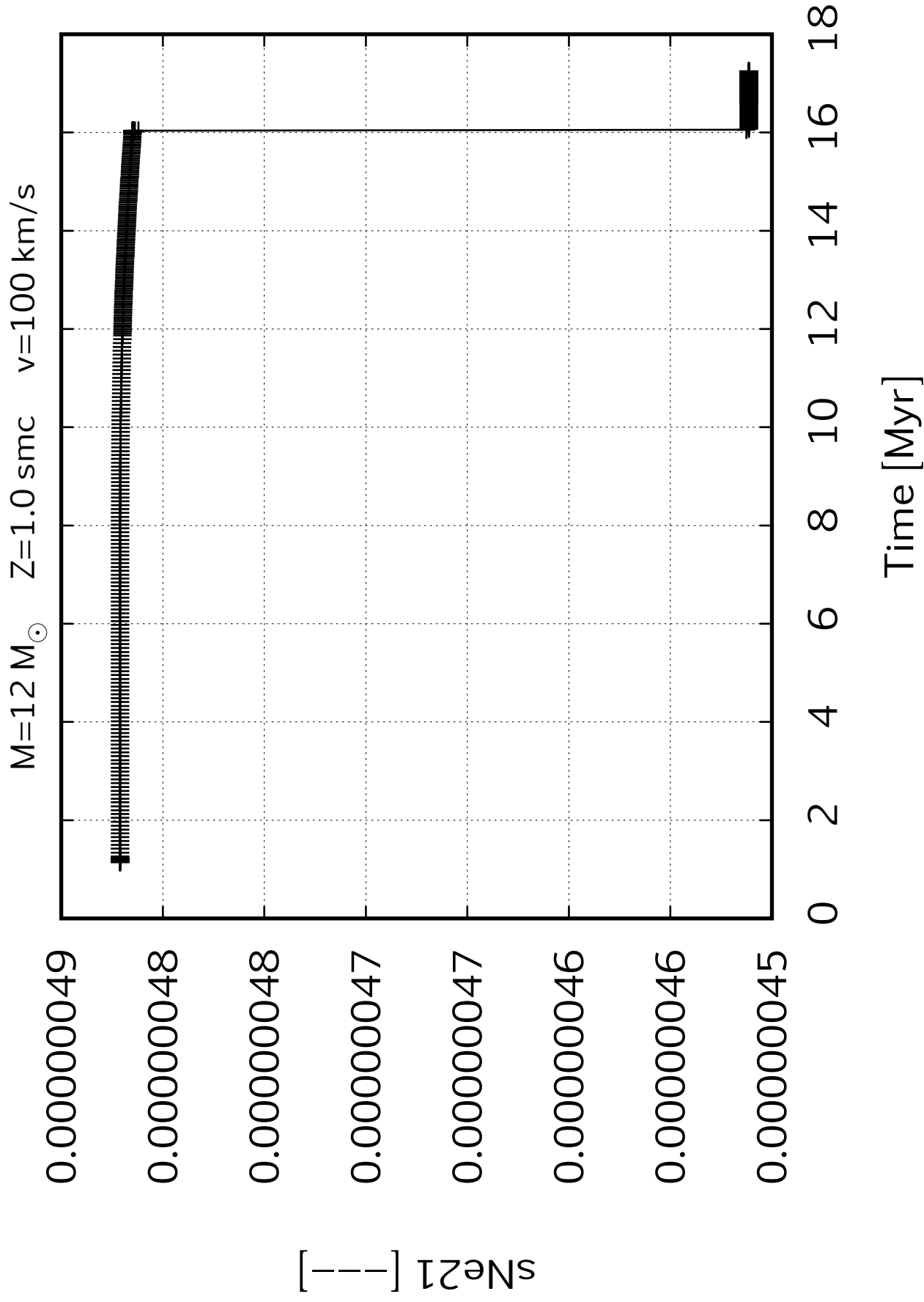
$M=12 M_{\odot}$ $Z=1.0$ smc $v=100$ km/s





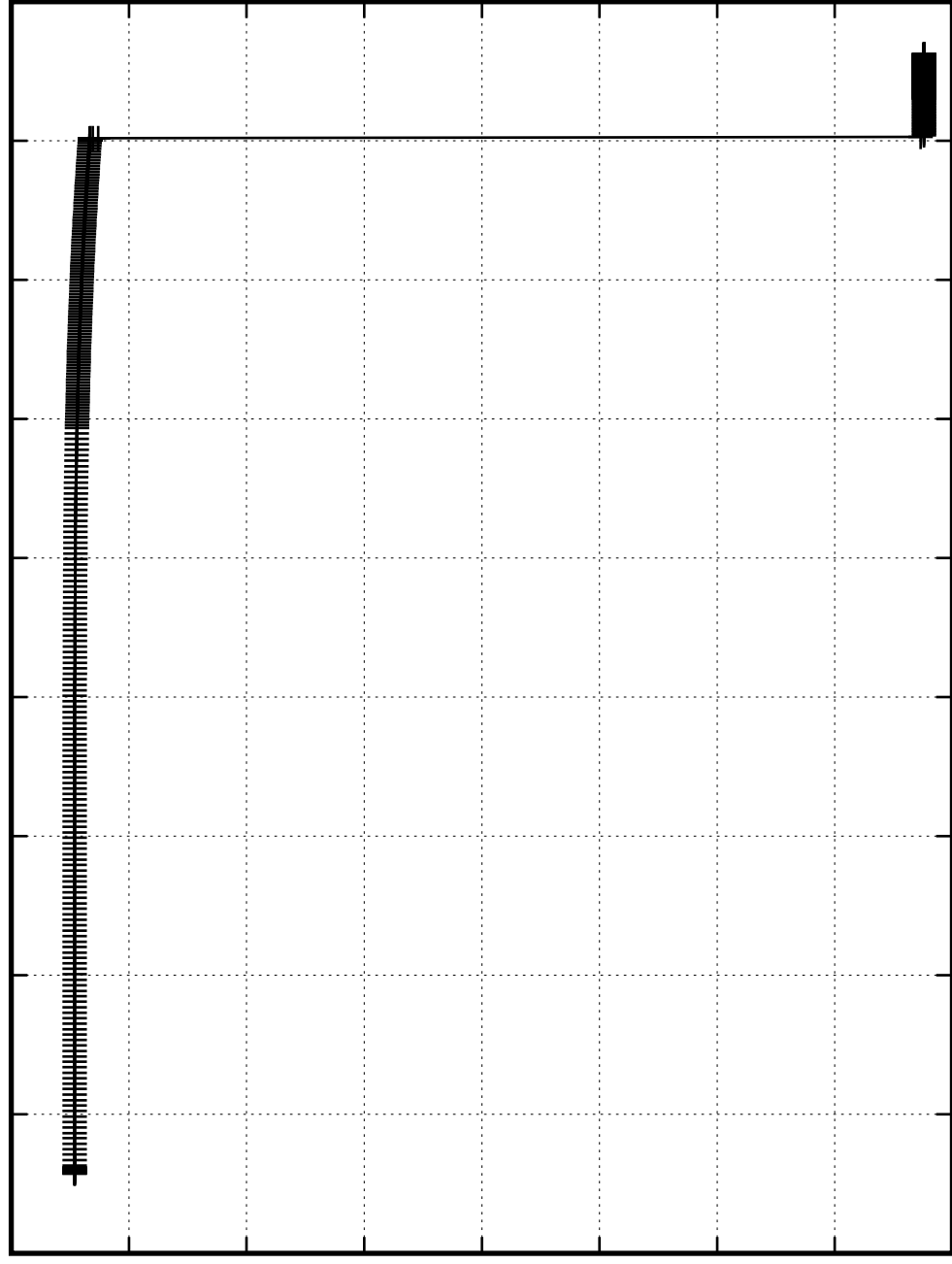






$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

^{22}Ne [—]
0.000016
0.000015
0.000015
0.000015
0.000015
0.000014
0.000014
0.000014



Time [Myr]

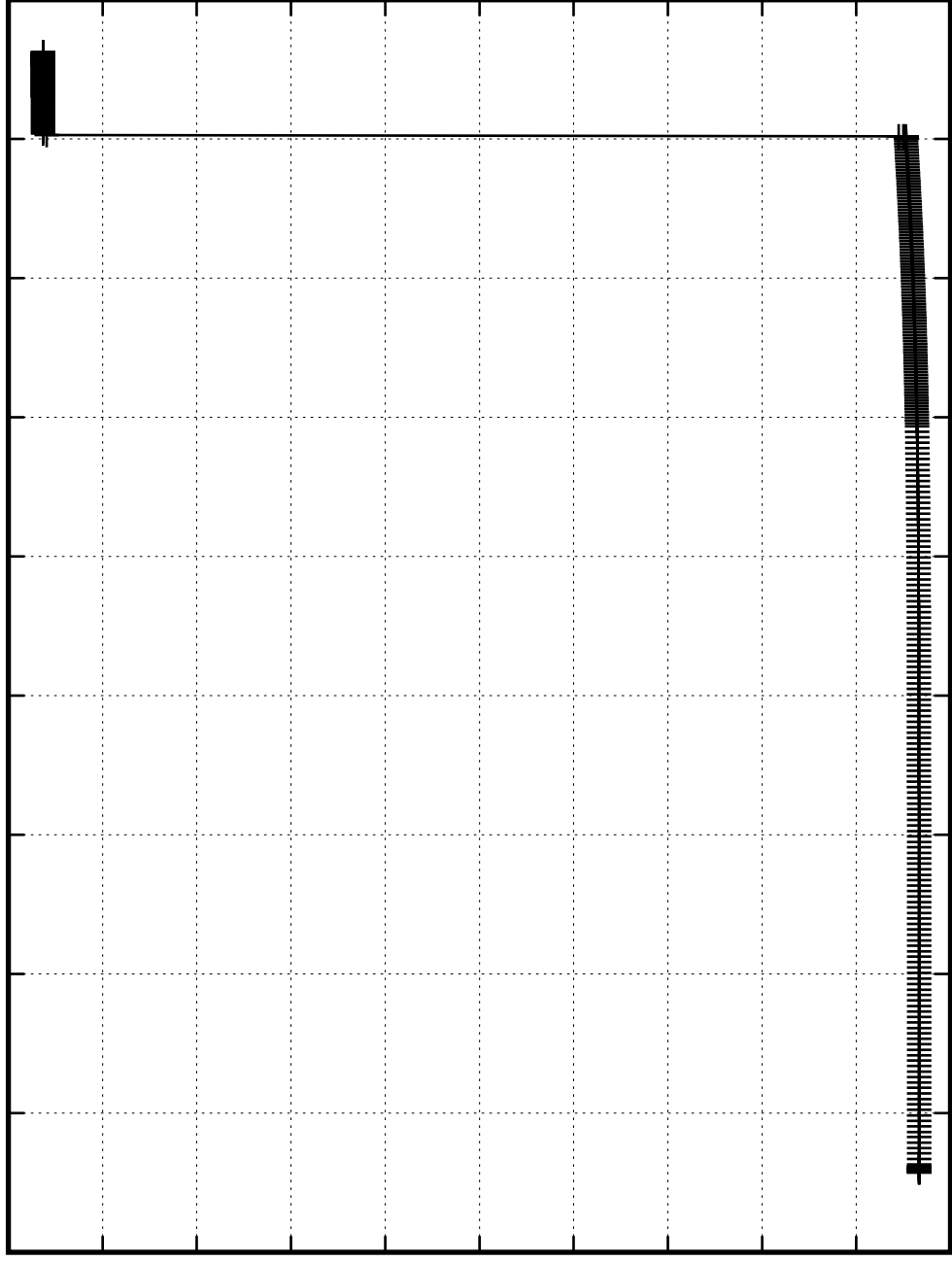
$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

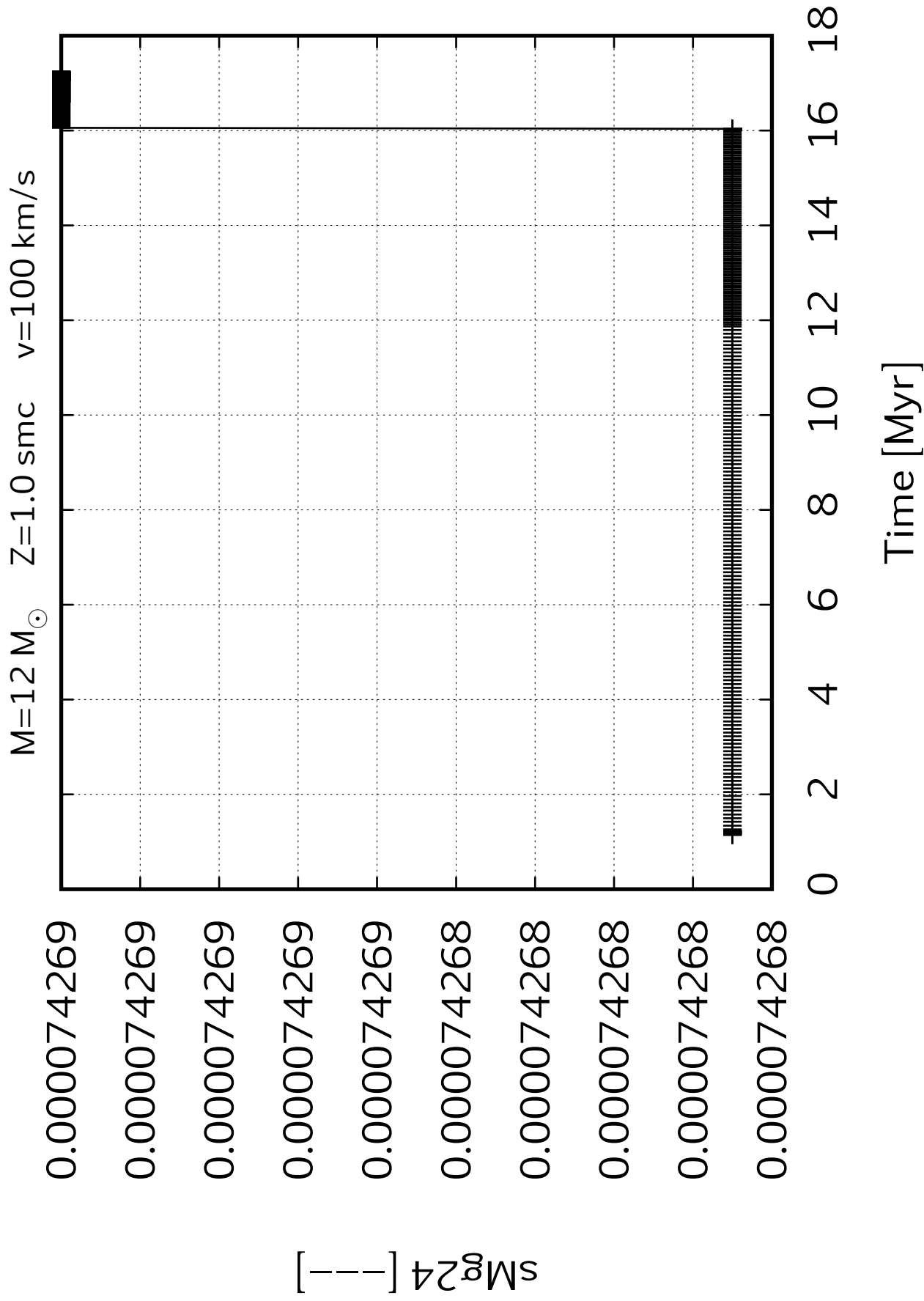
0.000007
0.000007
0.000007
0.000006
0.000006
0.000006
0.000006
0.000006
0.000005
0.000005
0.000005

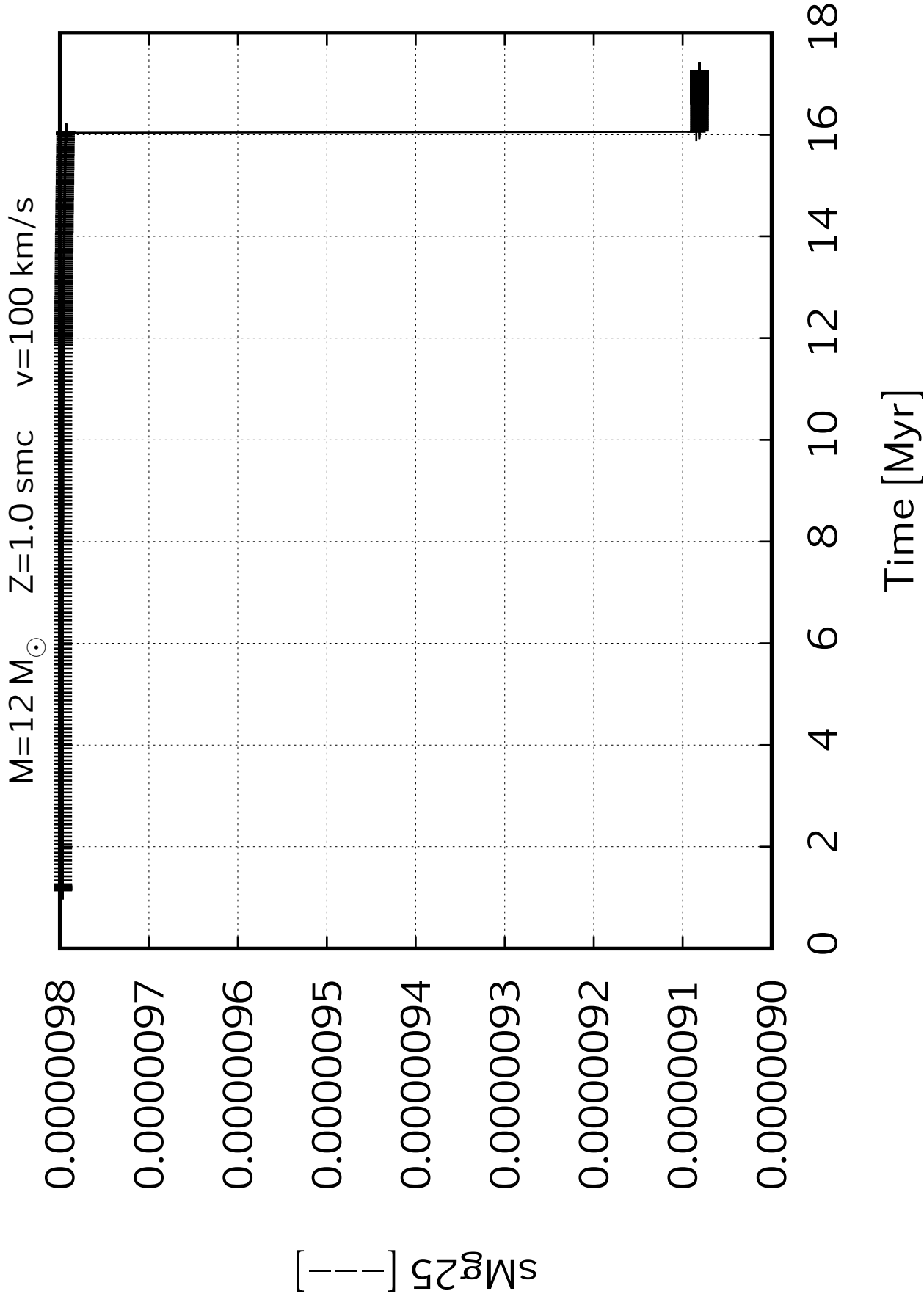
$s_{\text{Na}23}$ [—]

0 2 4 6 8 10 12 14 16 18

Time [Myr]







$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

0.00000119

0.00000118

0.00000117

0.00000116

0.00000115

0.00000114

0.00000113

0.00000112

$[\text{--}]_{\text{Mg26}}$

0

2

4

6

8

10

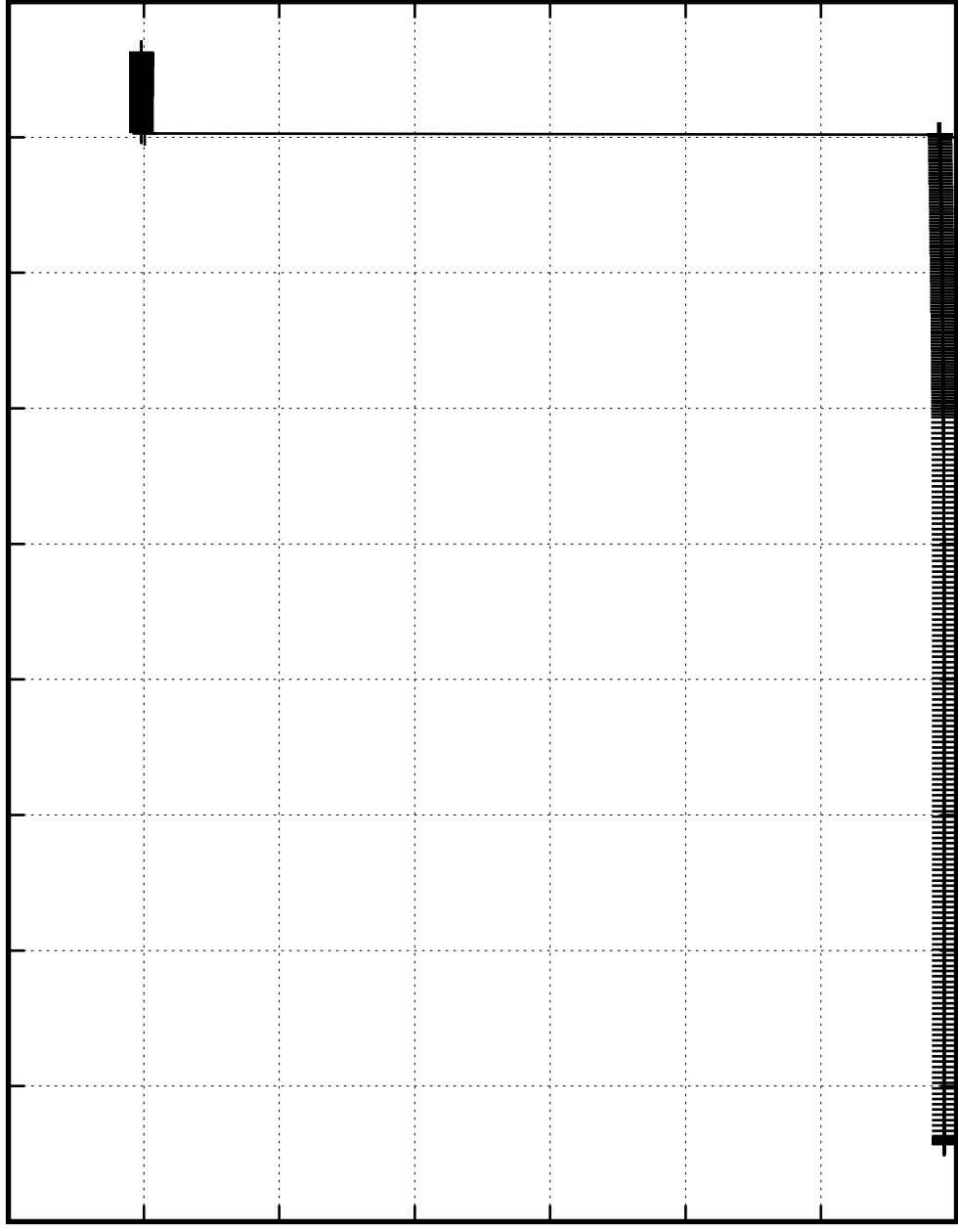
12

14

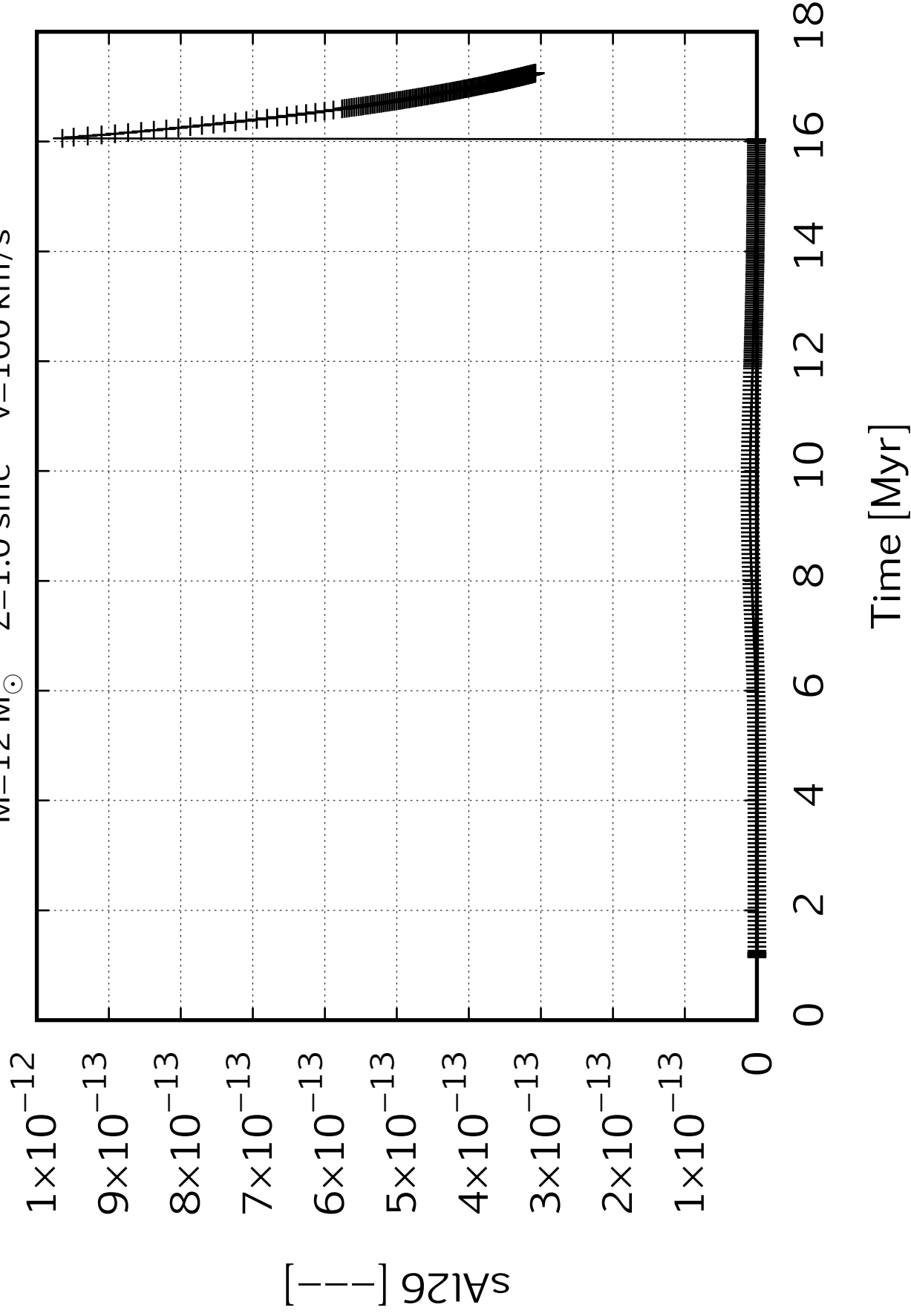
16

18

Time [Myr]



$M=12 M_{\odot}$ $Z=1.0$ smc $v=100$ km/s



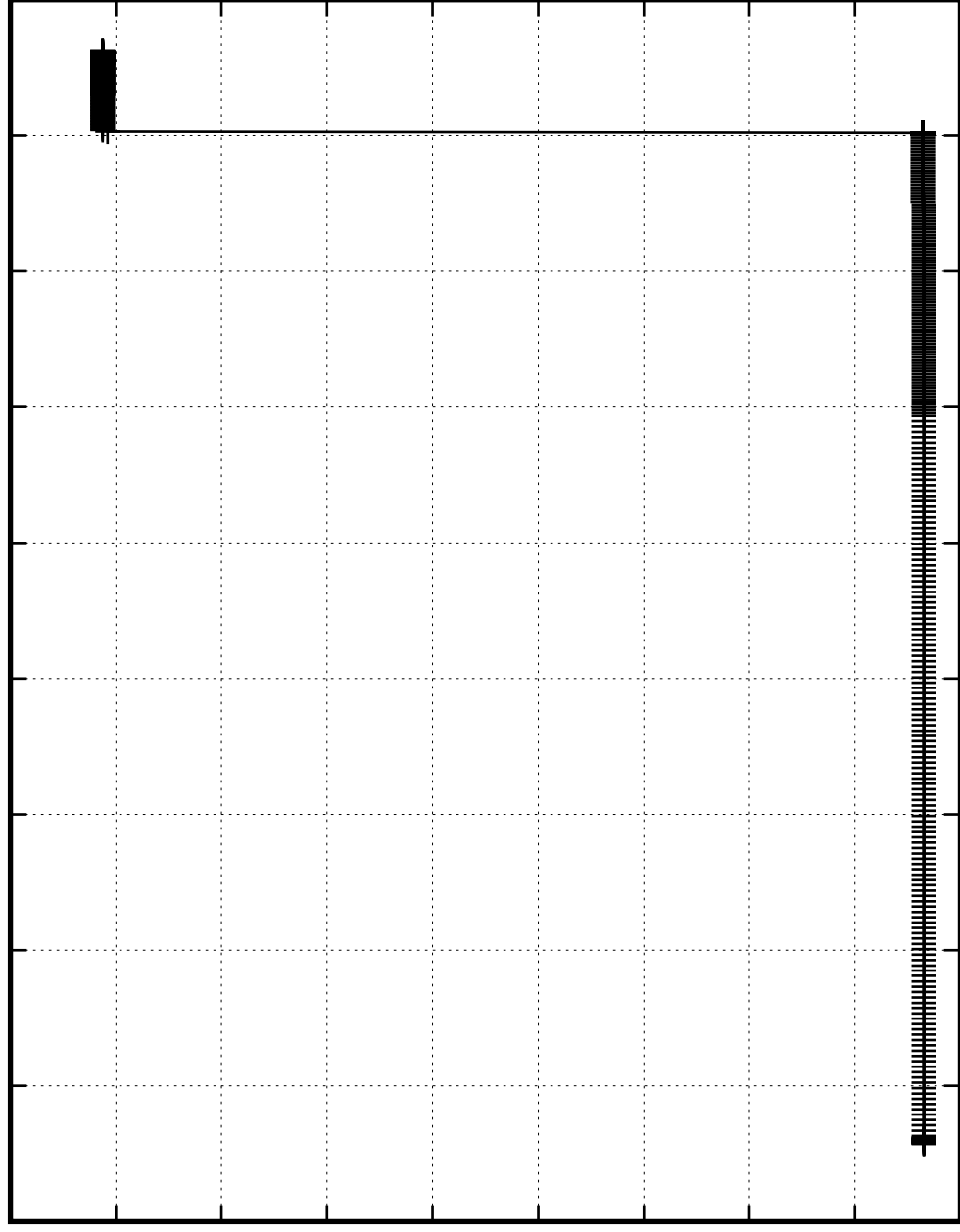
$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

0.0000096
0.0000096
0.0000096
0.0000095
0.0000095
0.0000095
0.0000095
0.0000094
0.0000094

$s_{\text{Al}27}$ [—]

0 2 4 6 8 10 12 14 16 18

Time [Myr]



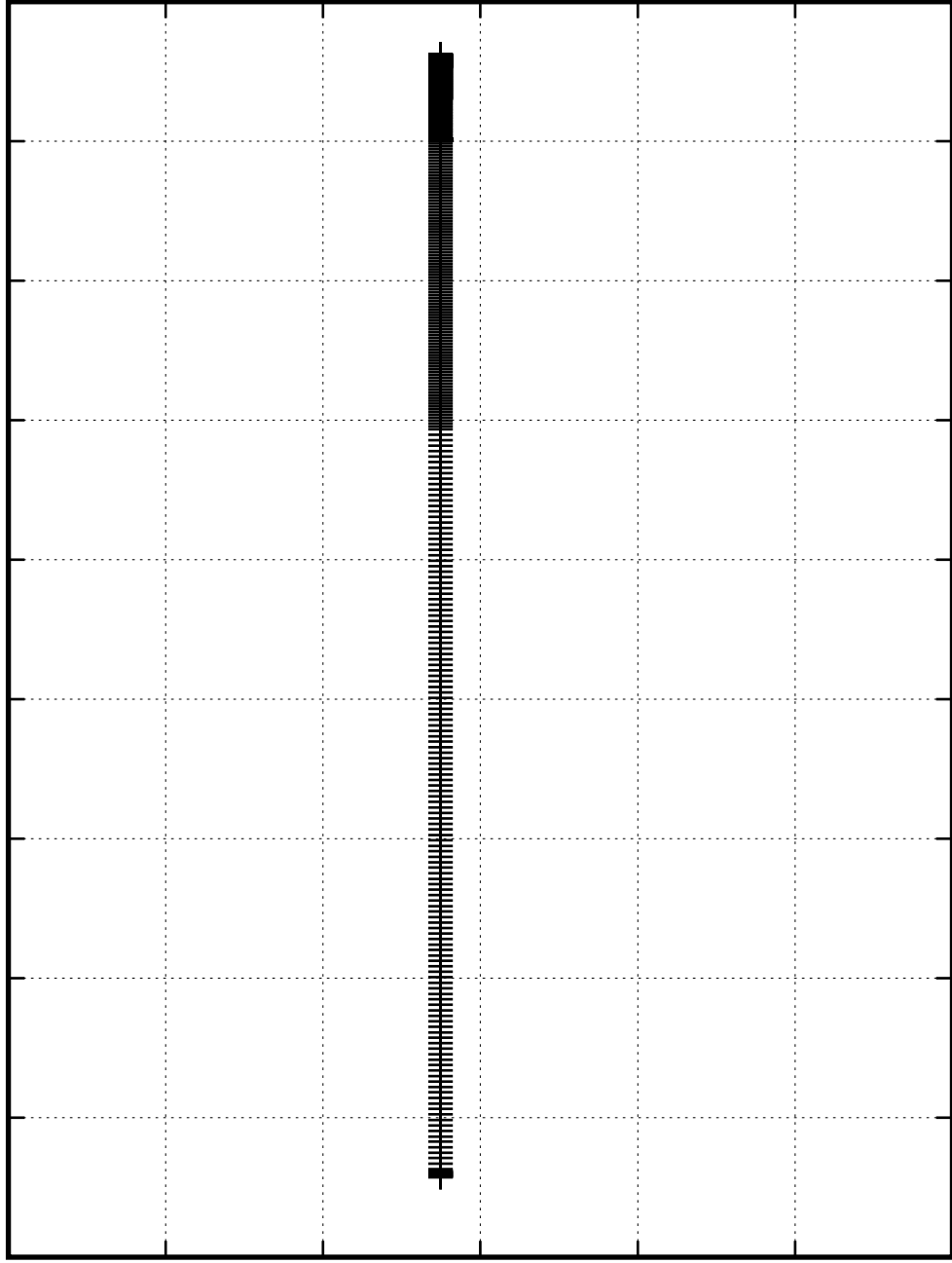
$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

$[\text{---}]_{\text{S}!28}$

0.000123
0.000122
0.000122
0.000121
0.000121
0.000120
0.000120

0 2 4 6 8 10 12 14 16 18

Time [Myr]



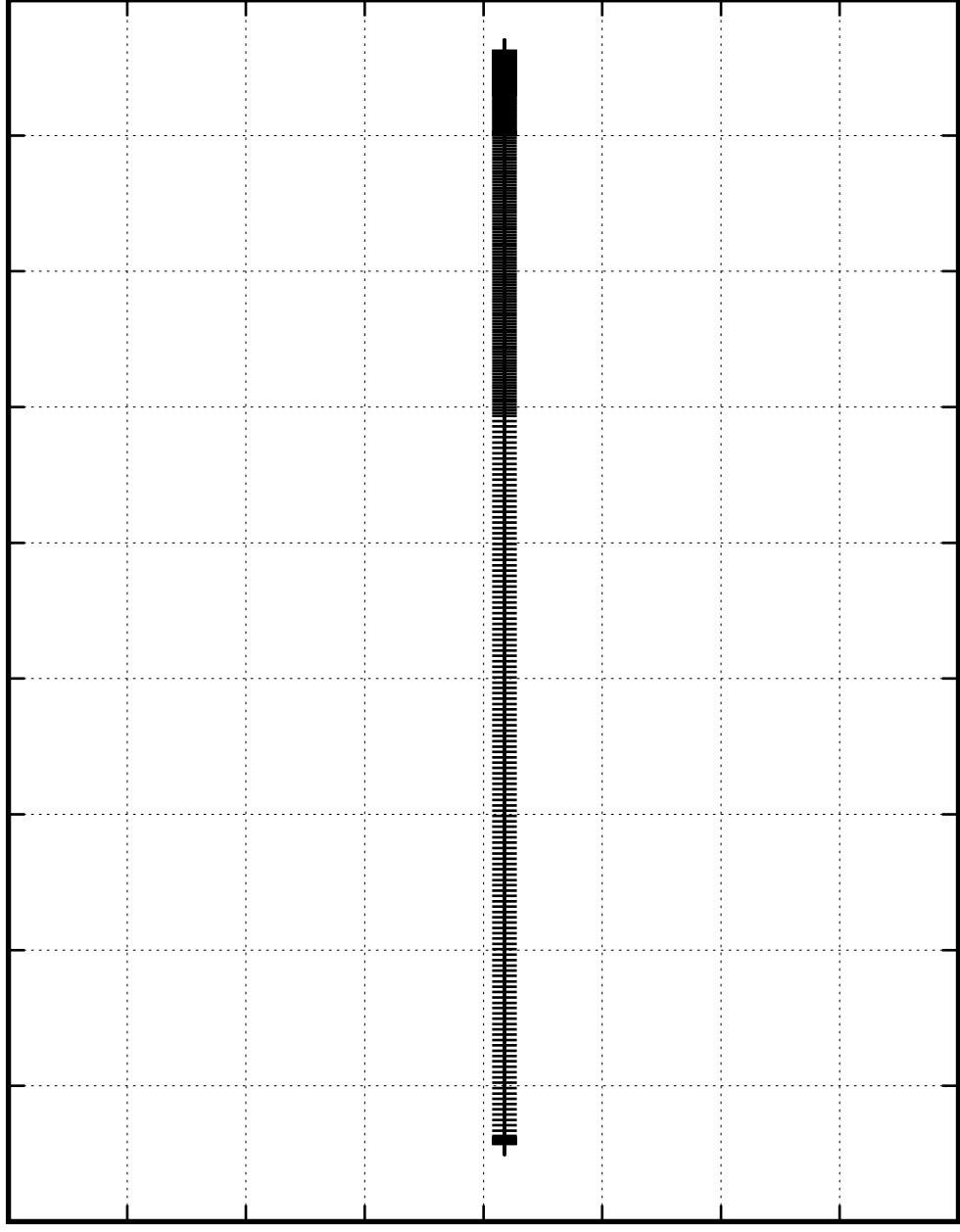
$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

0.0000065
0.0000065
0.0000064
0.0000064
0.0000064
0.0000064
0.0000063
0.0000063

$[\text{--}]_{\text{S!29}}$

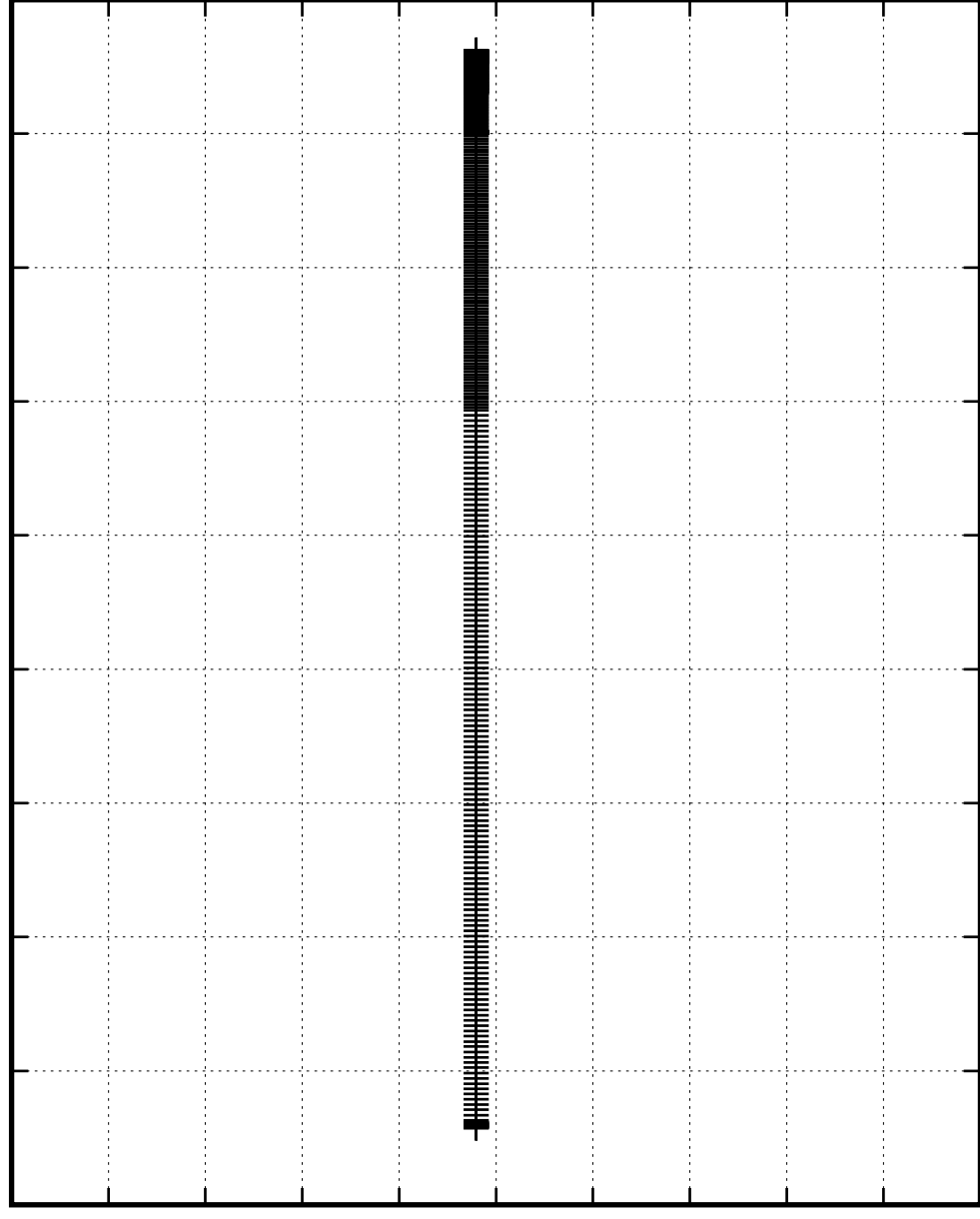
0 2 4 6 8 10 12 14 16 18

Time [Myr]



$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

[SIII] 0.00000441
0.00000440
0.00000439
0.00000438
0.00000437
0.00000436
0.00000435
0.00000434
0.00000433
0.00000432
0.00000431



Time [Myr]

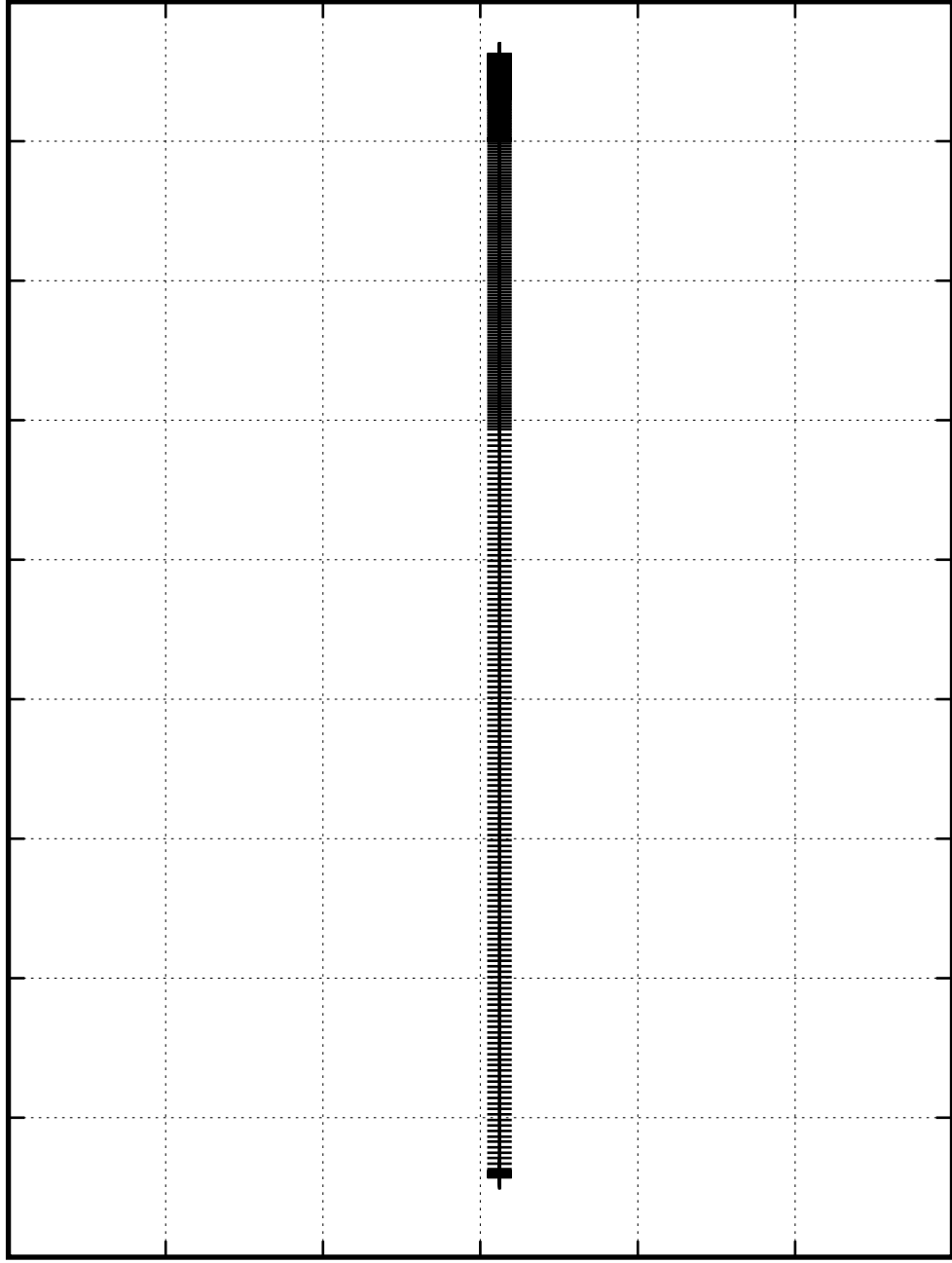
$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

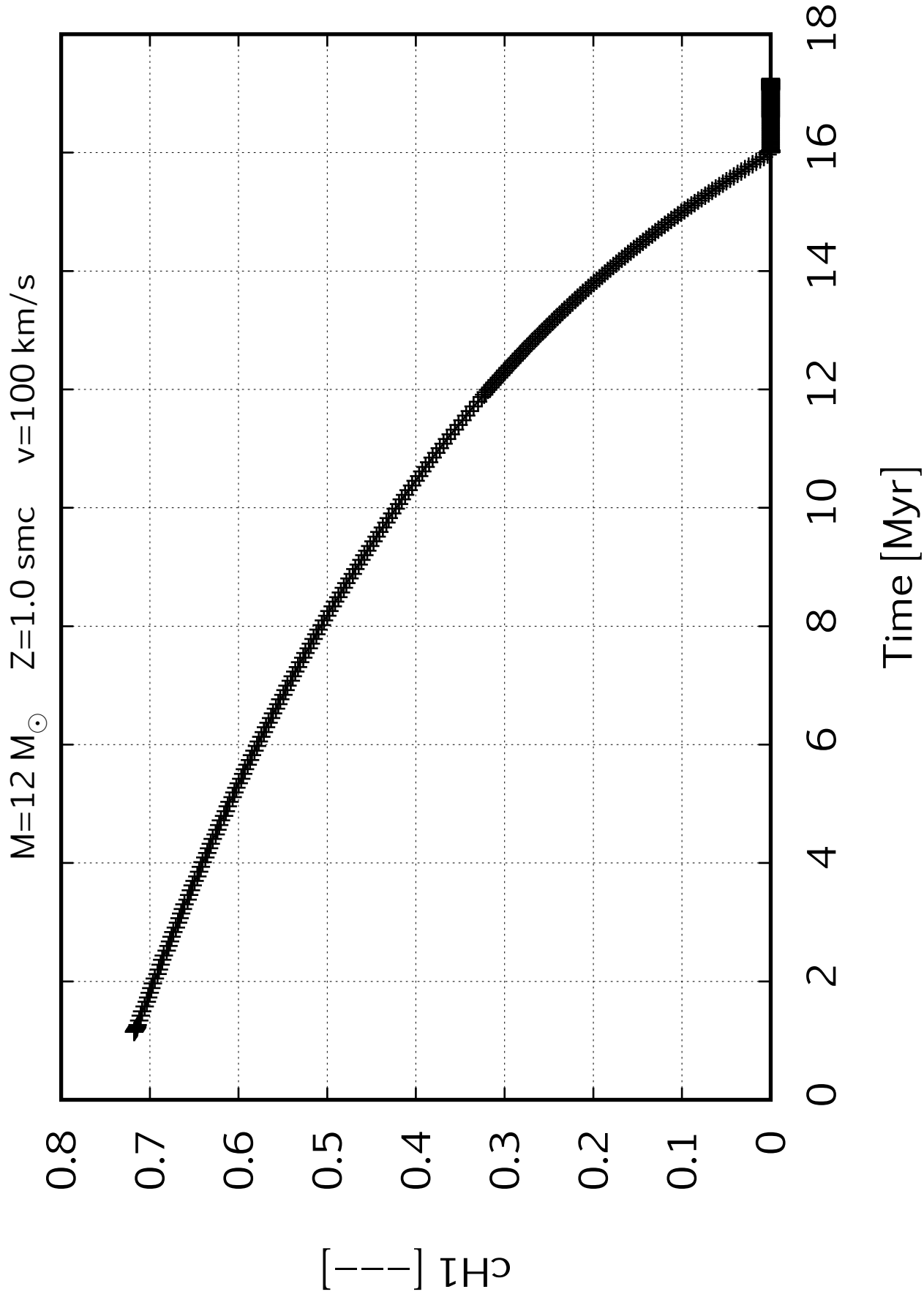
0.000255
0.000254
0.000253
0.000252
0.000251
0.000250
0.000249

[—] sF_{e56} [—]

0 2 4 6 8 10 12 14 16 18

Time [Myr]





$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

3.61×10^{-12}

3.6×10^{-12}

3.59×10^{-12}

3.58×10^{-12}

3.57×10^{-12}

3.56×10^{-12}

3.55×10^{-12}

3.54×10^{-12}

3.53×10^{-12}

$[T]_{H_2}$

0

2

4

6

8

10

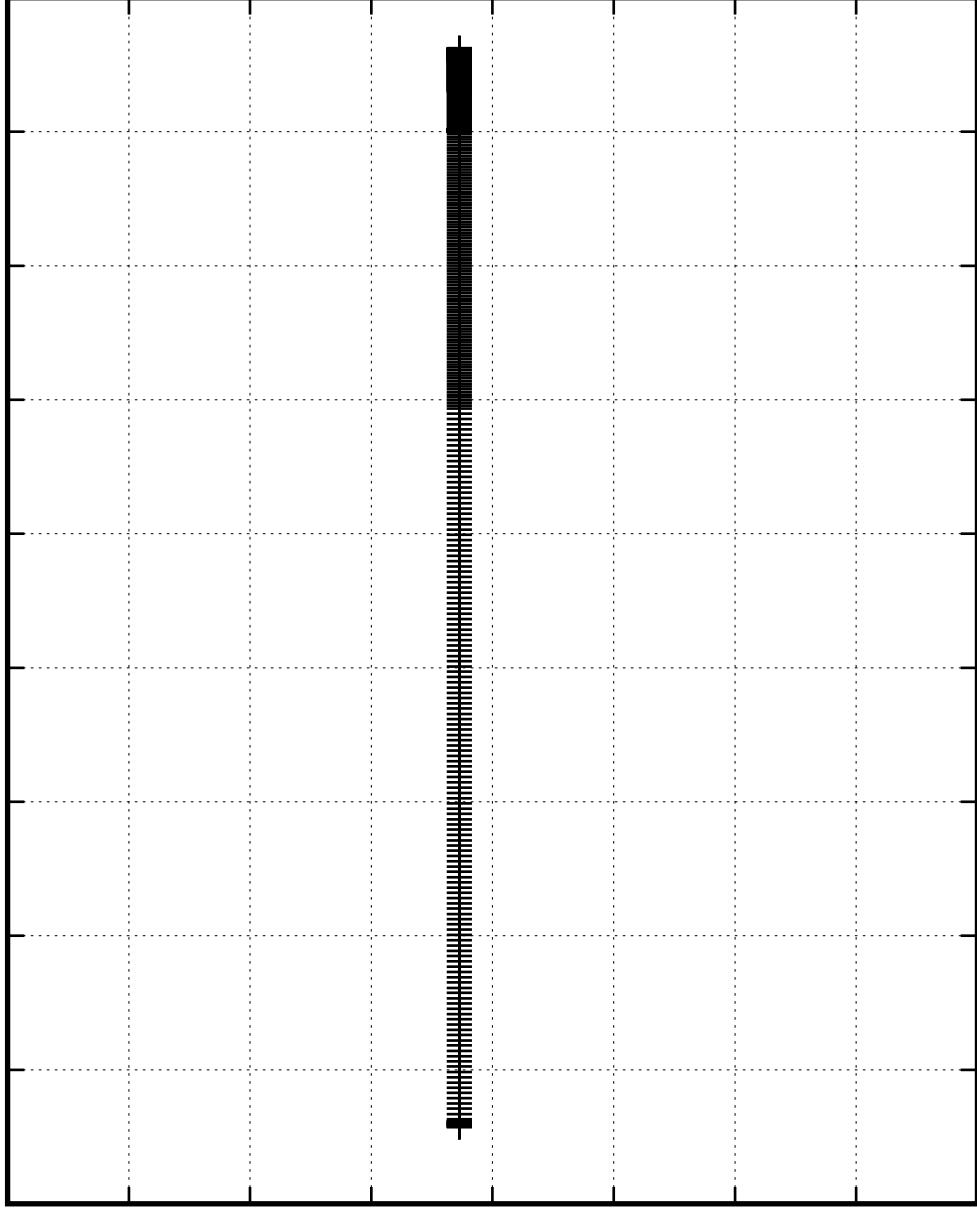
12

14

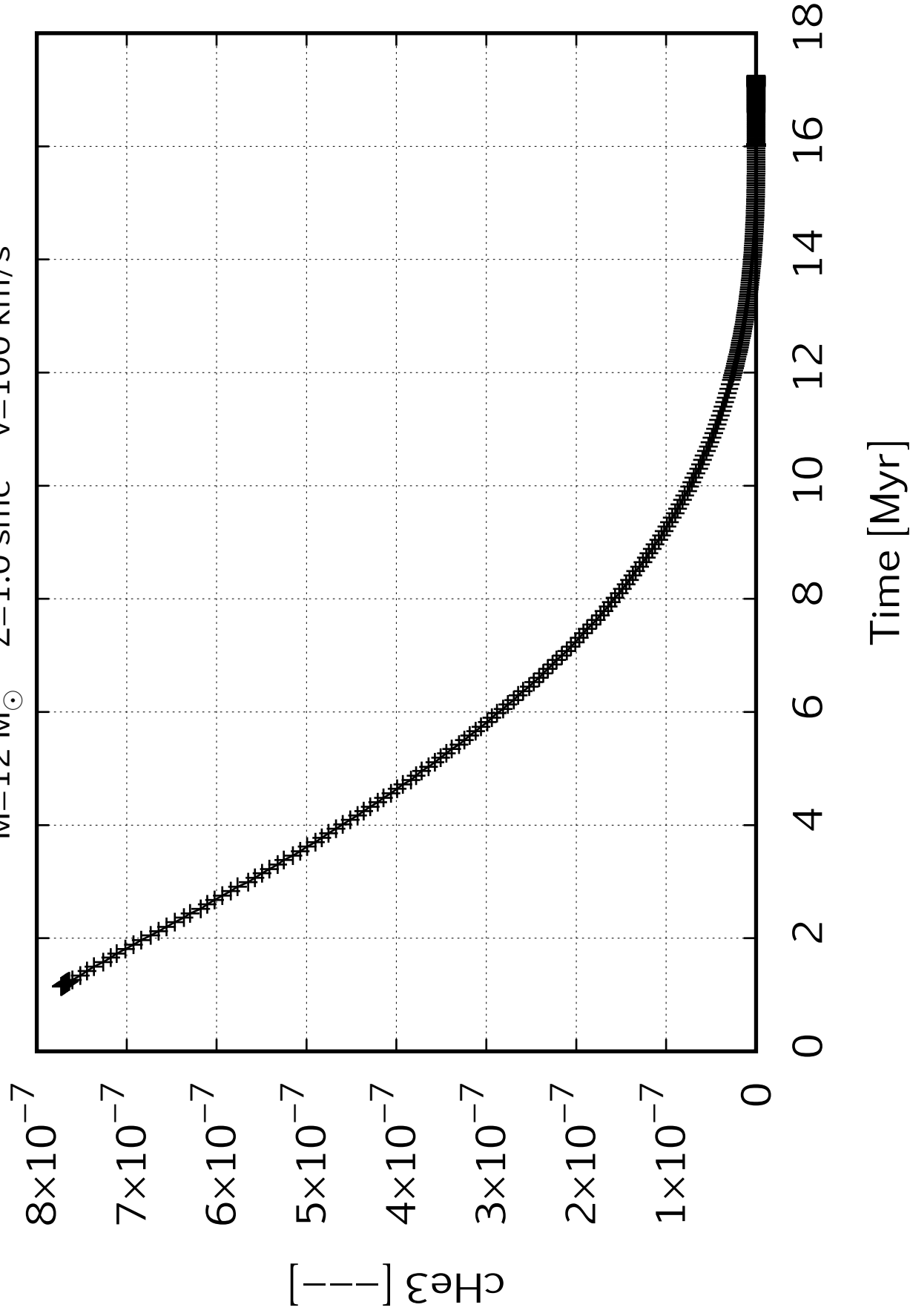
16

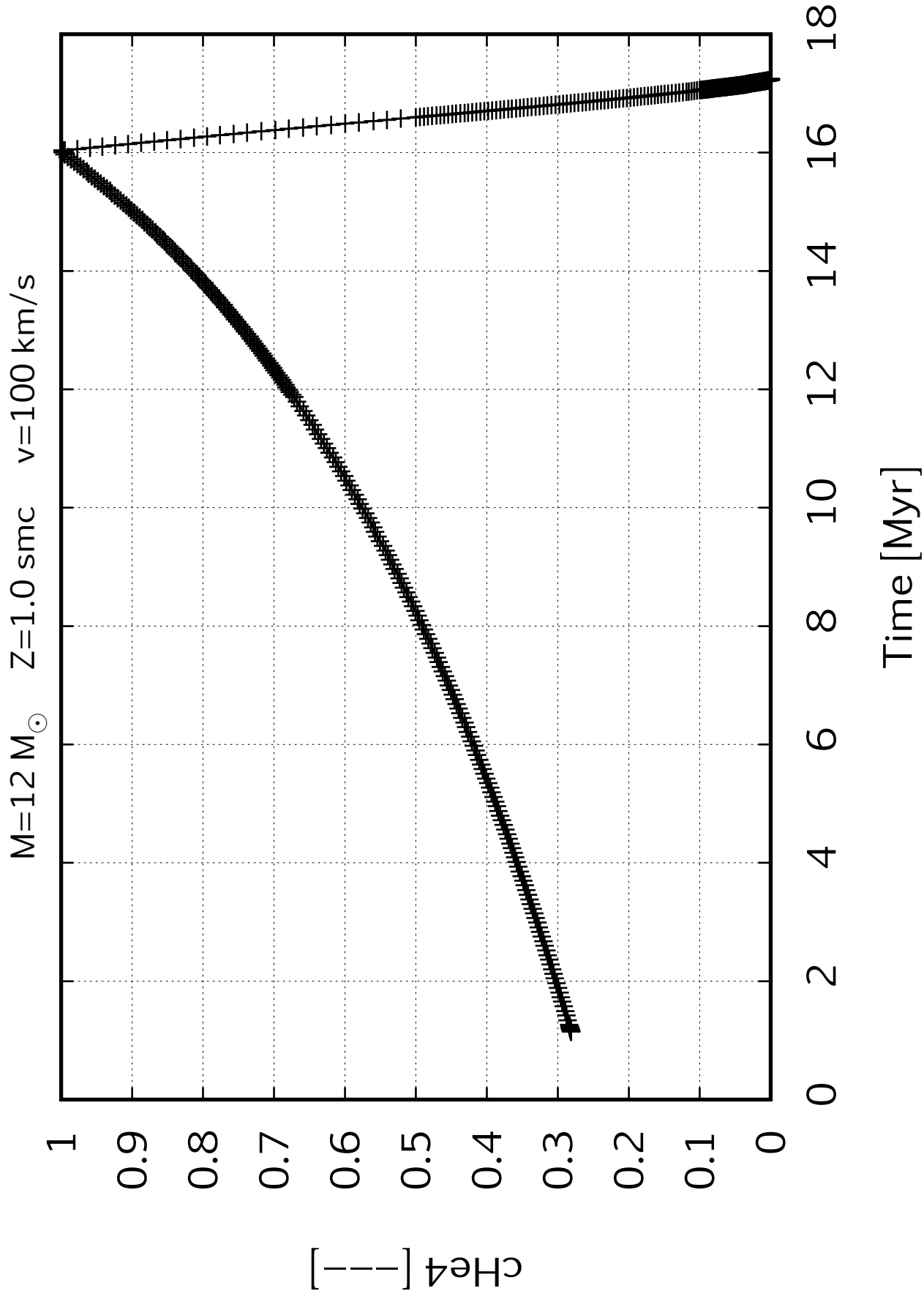
18

Time [Myr]

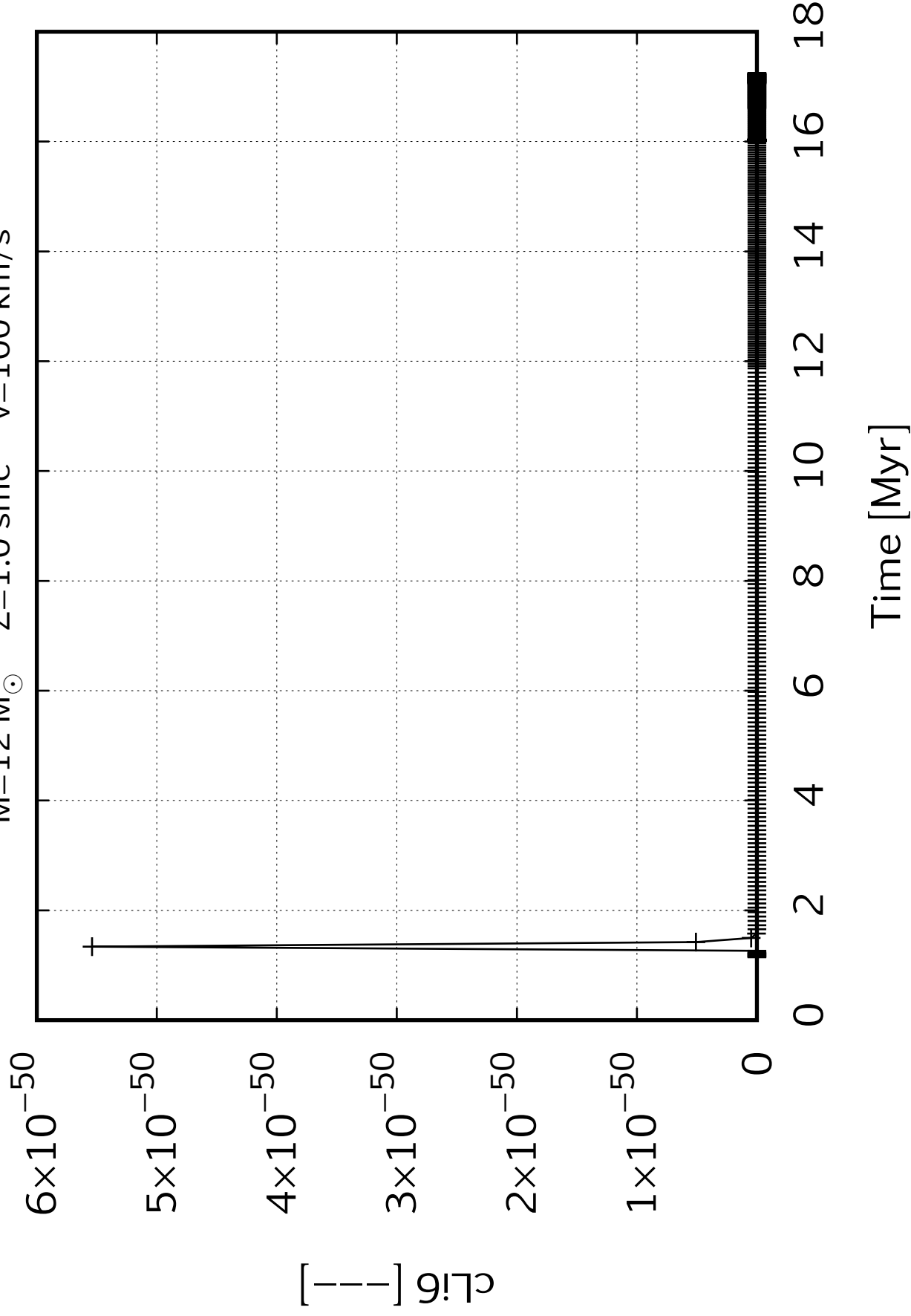


$M=12\,M_{\odot}$ $Z=1.0\,\text{smc}$ $v=100\,\text{km/s}$

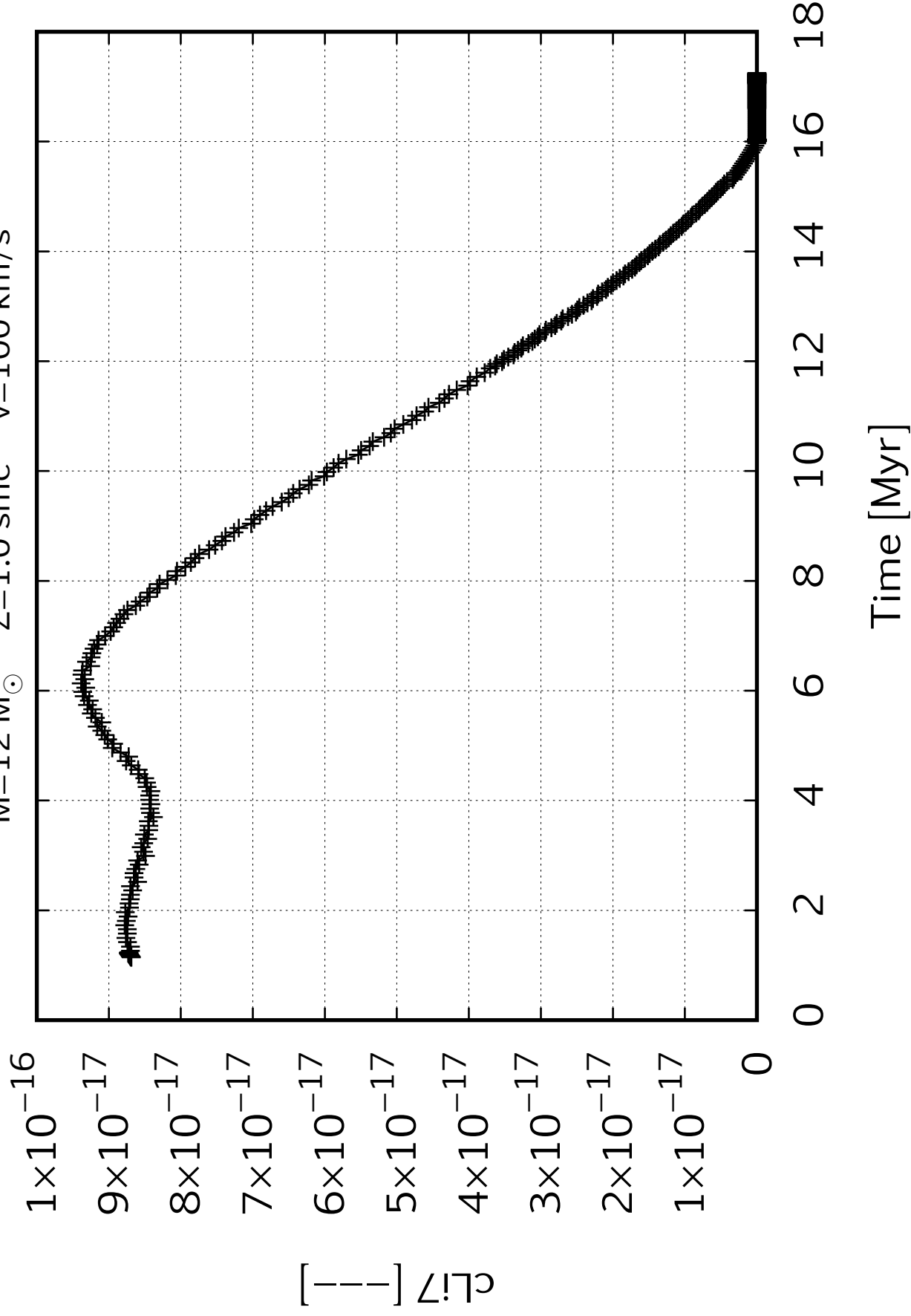




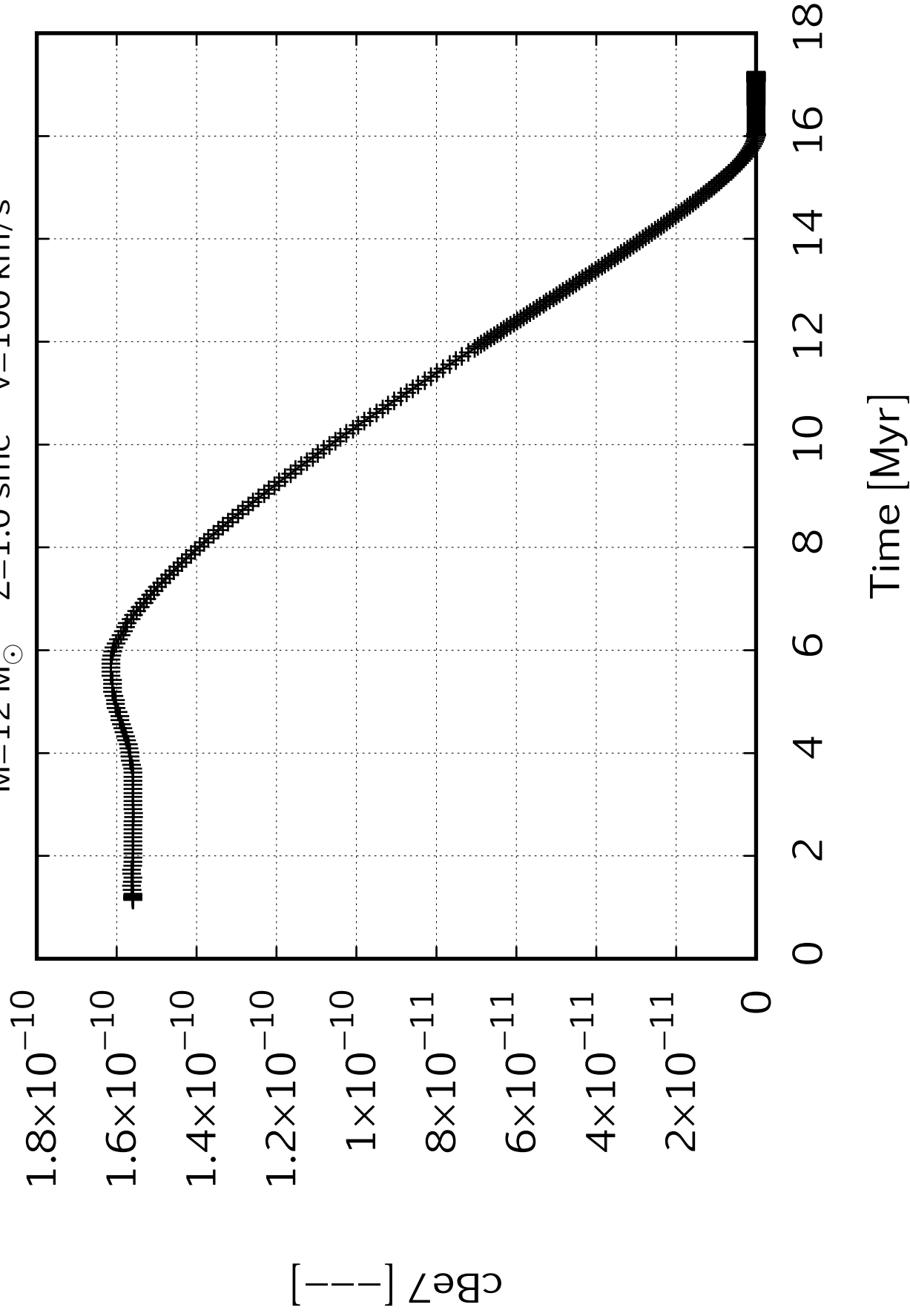
$M=12 M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

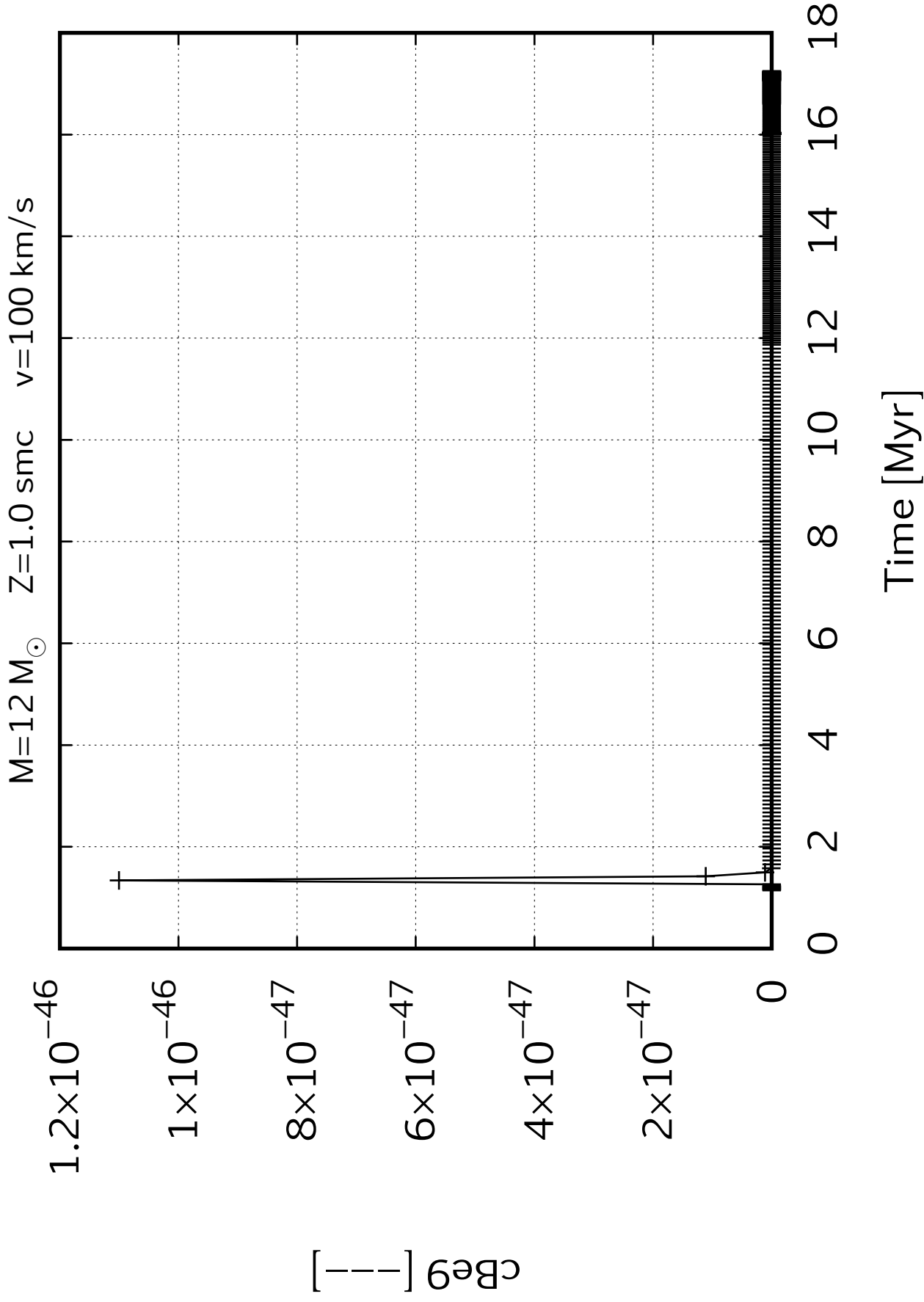


$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

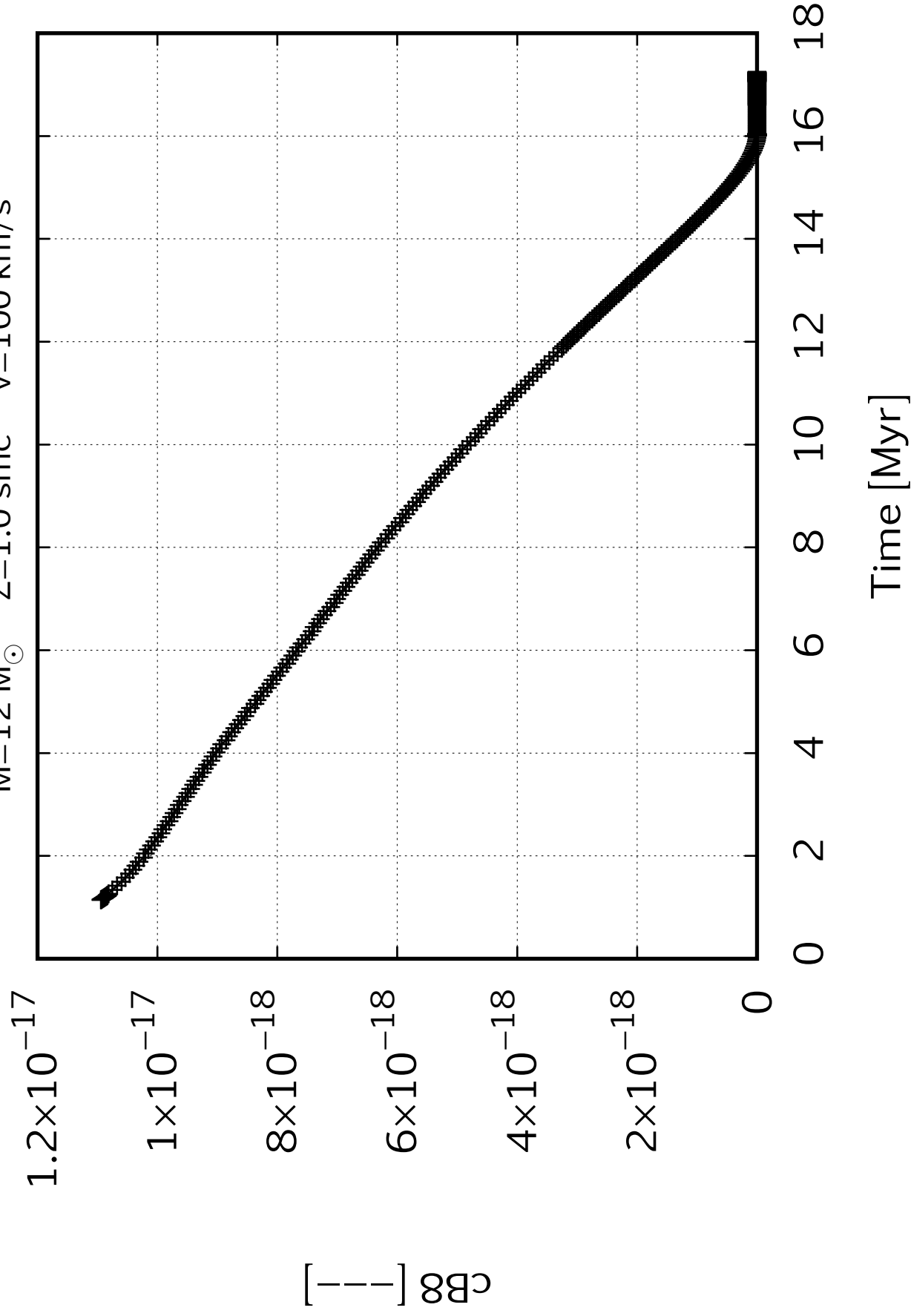


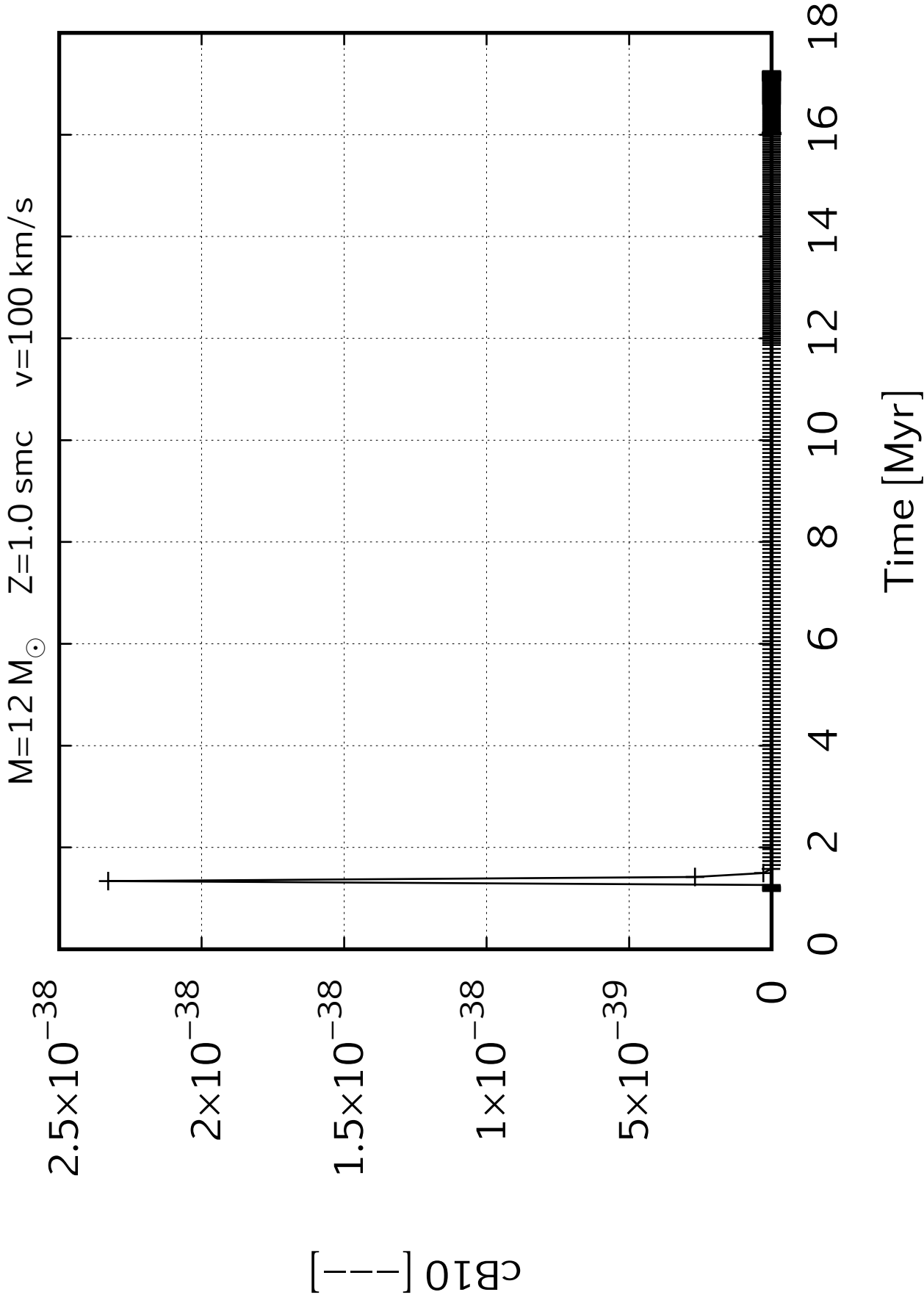
$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

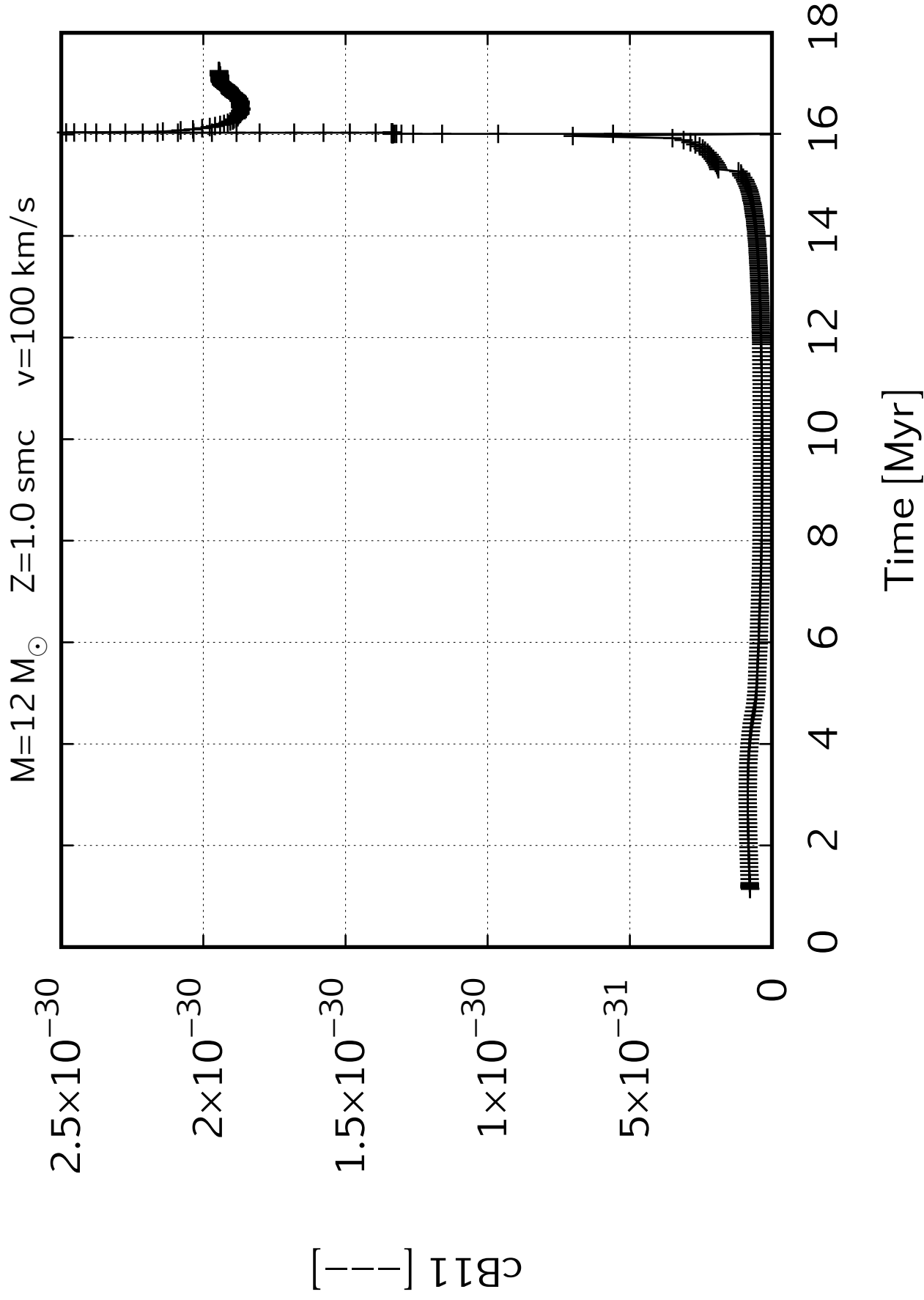


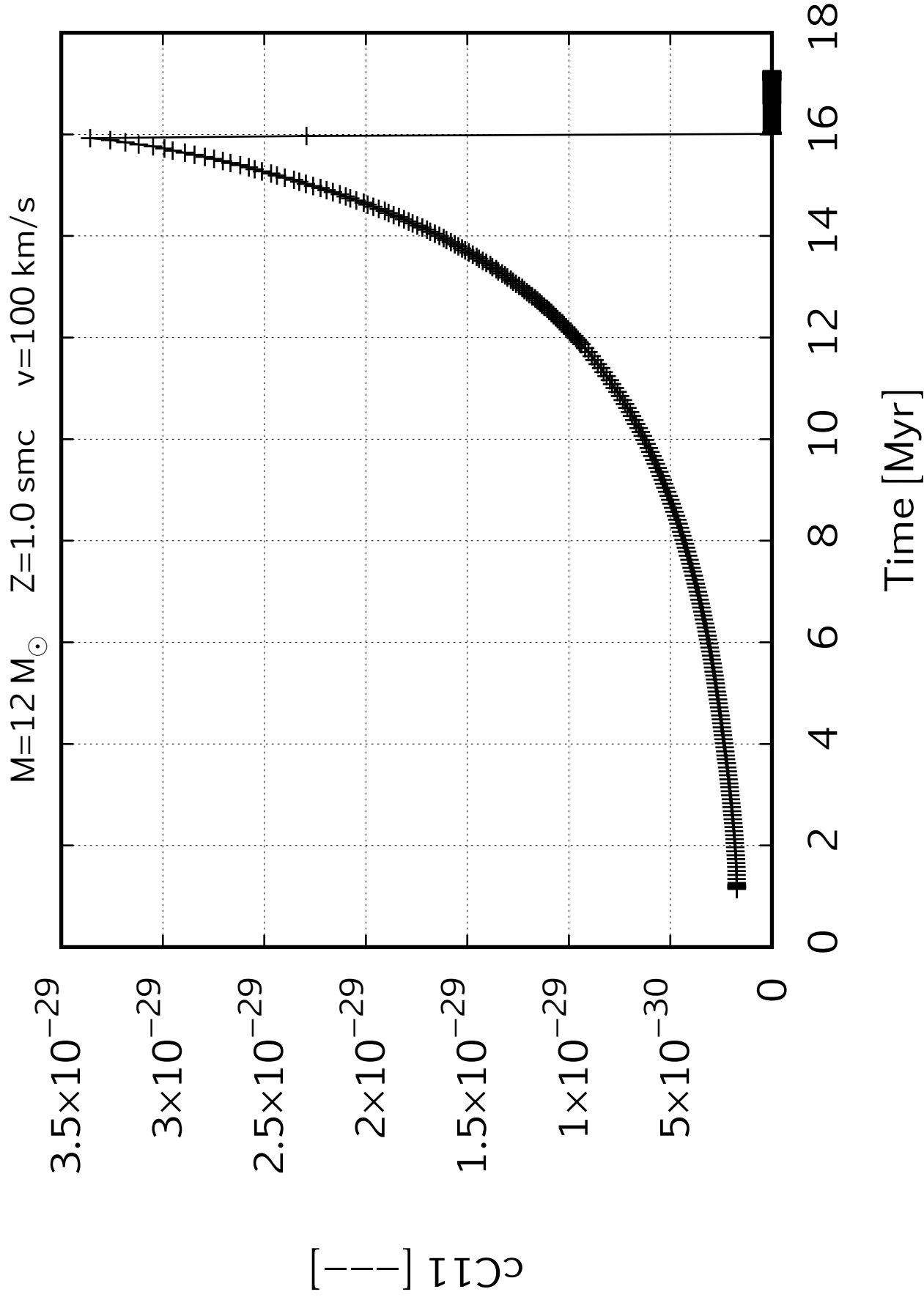


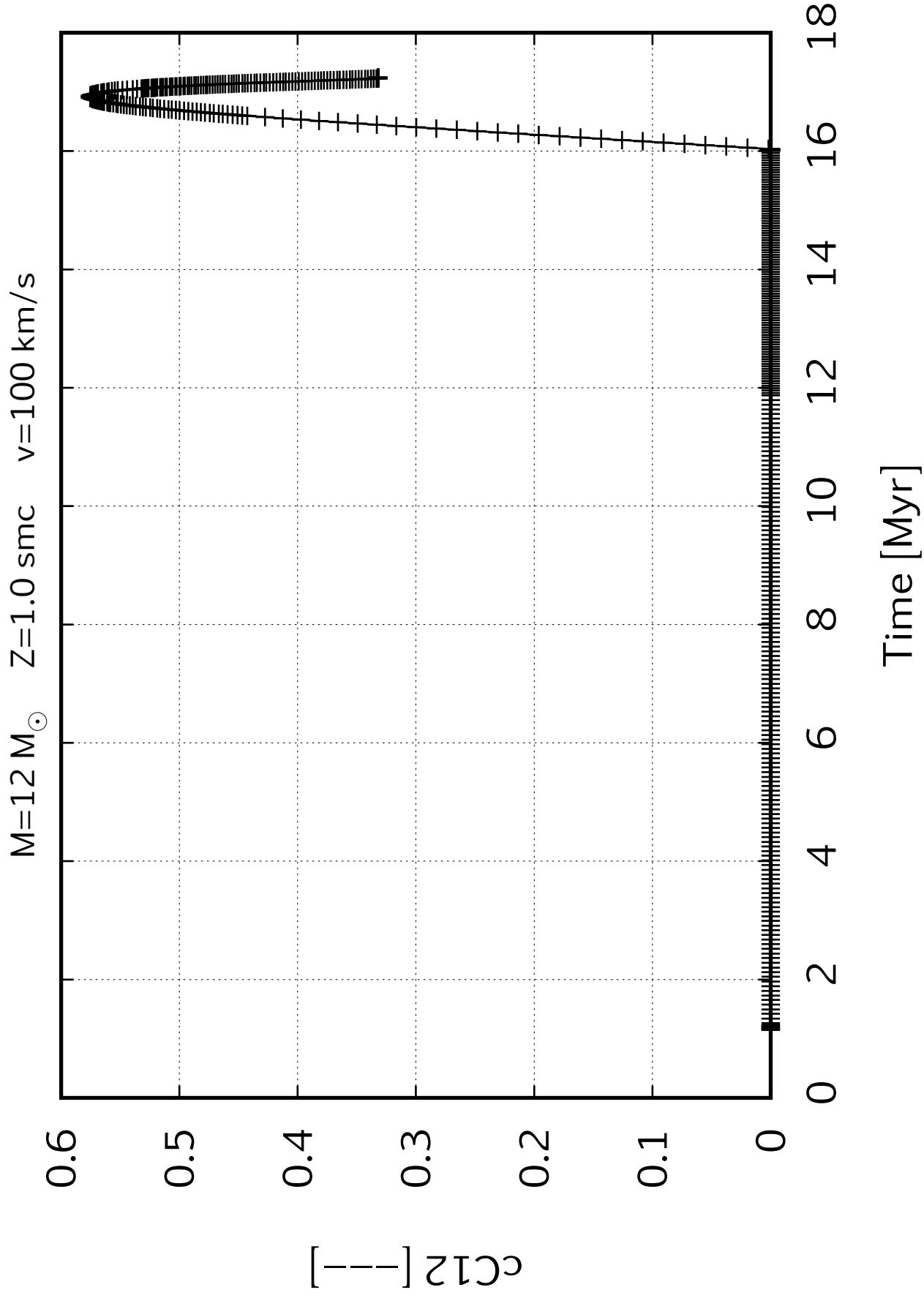
$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s



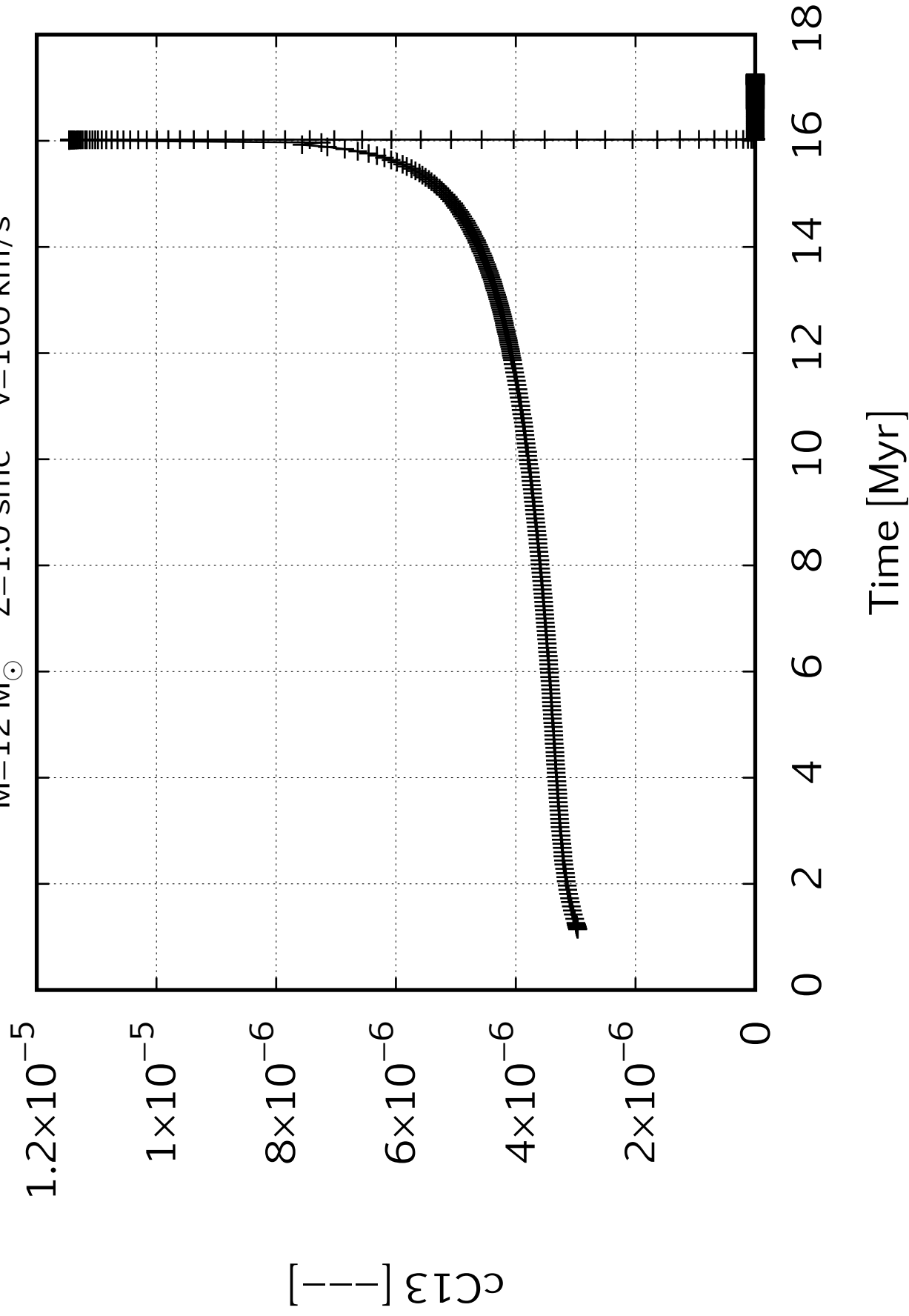


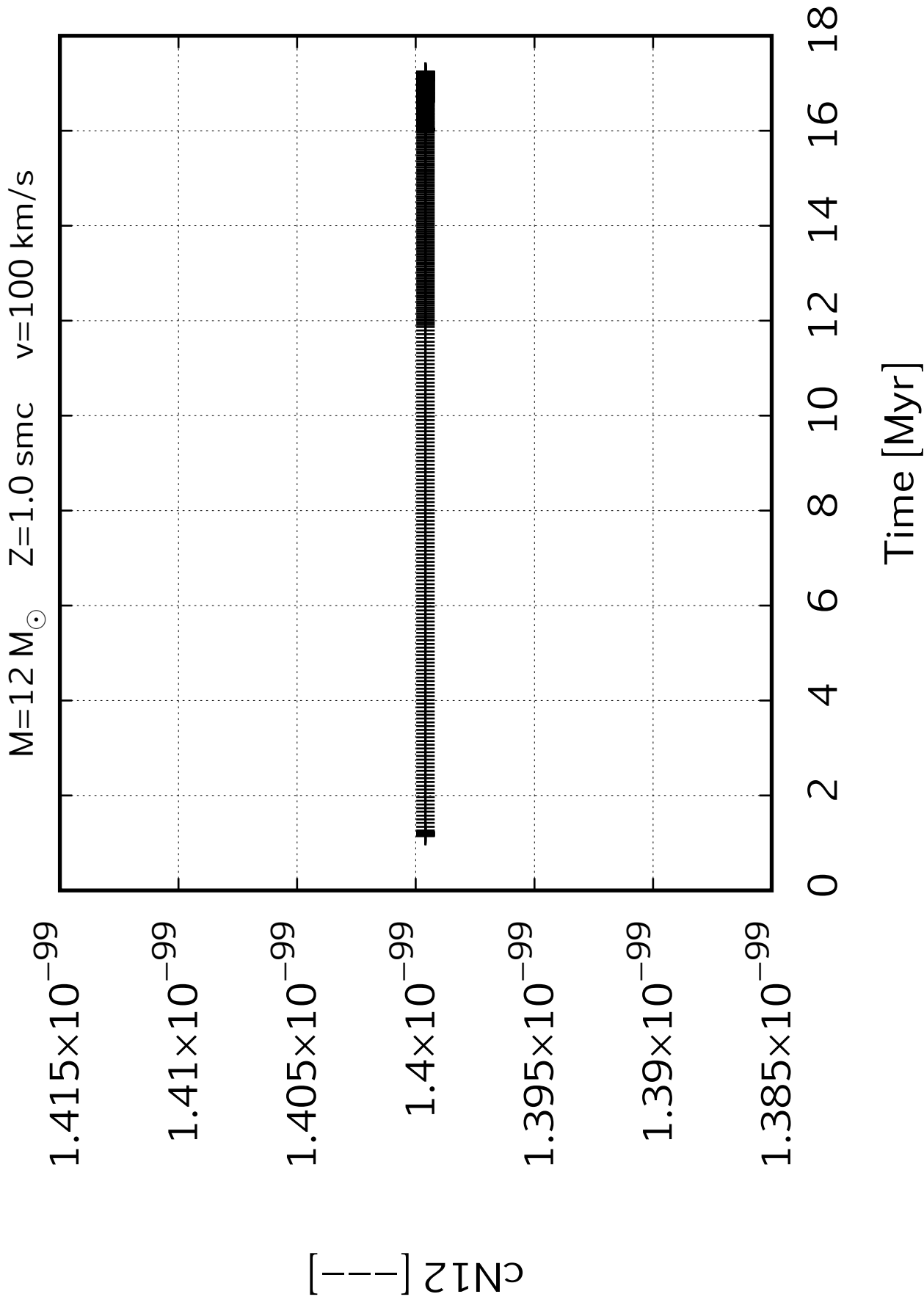




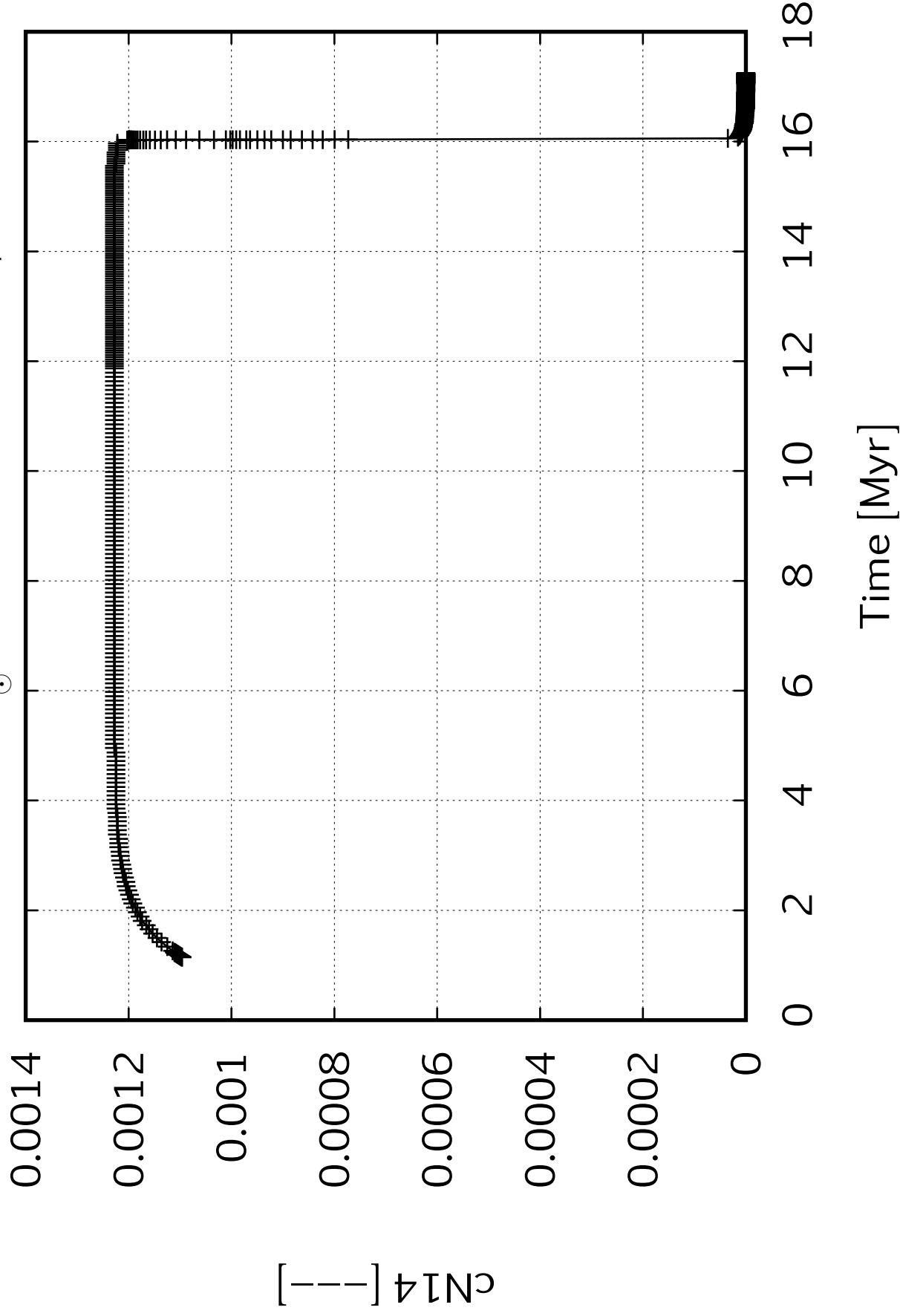


$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s





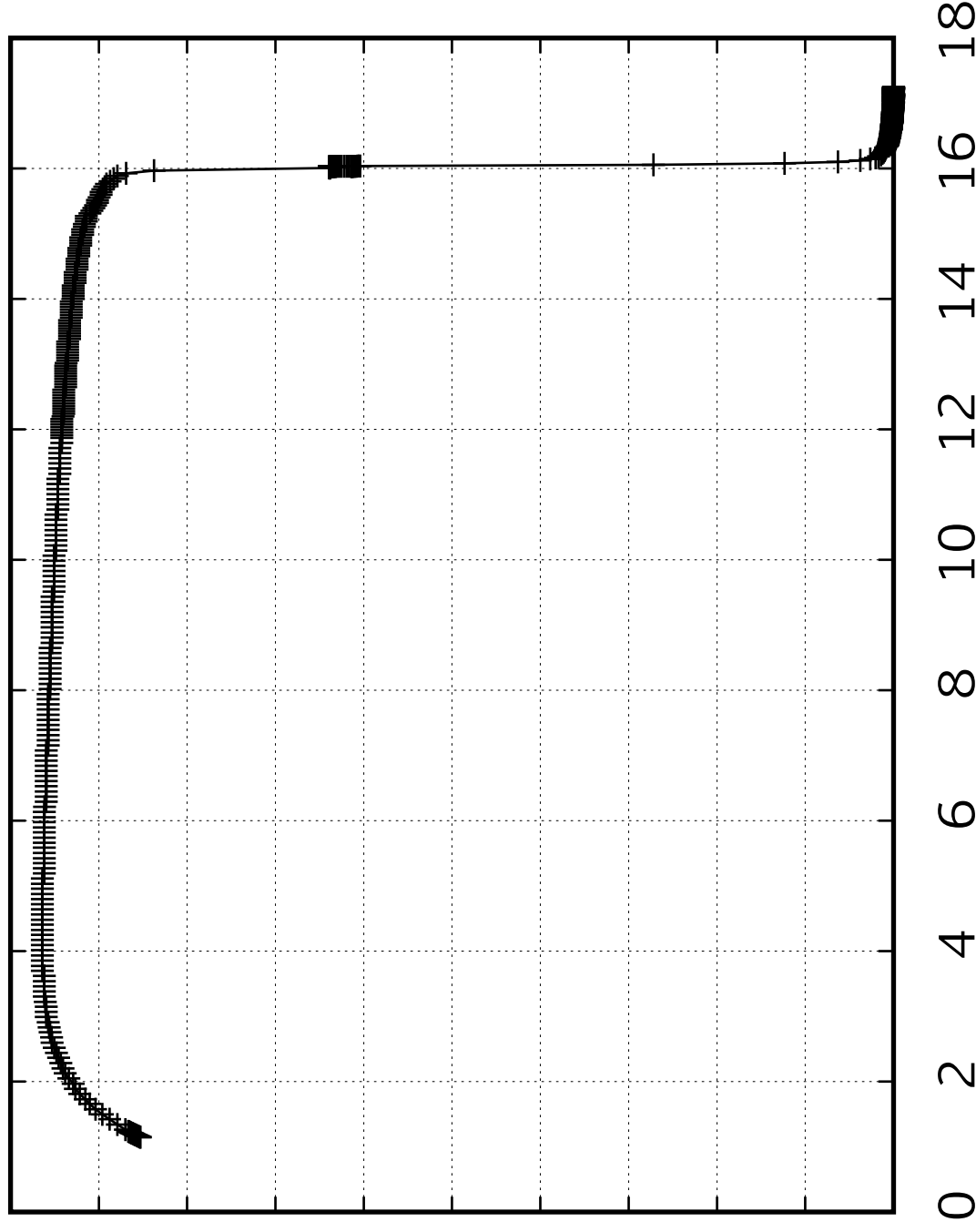
$M=12 M_{\odot}$ $Z=1.0$ smc $v=100$ km/s



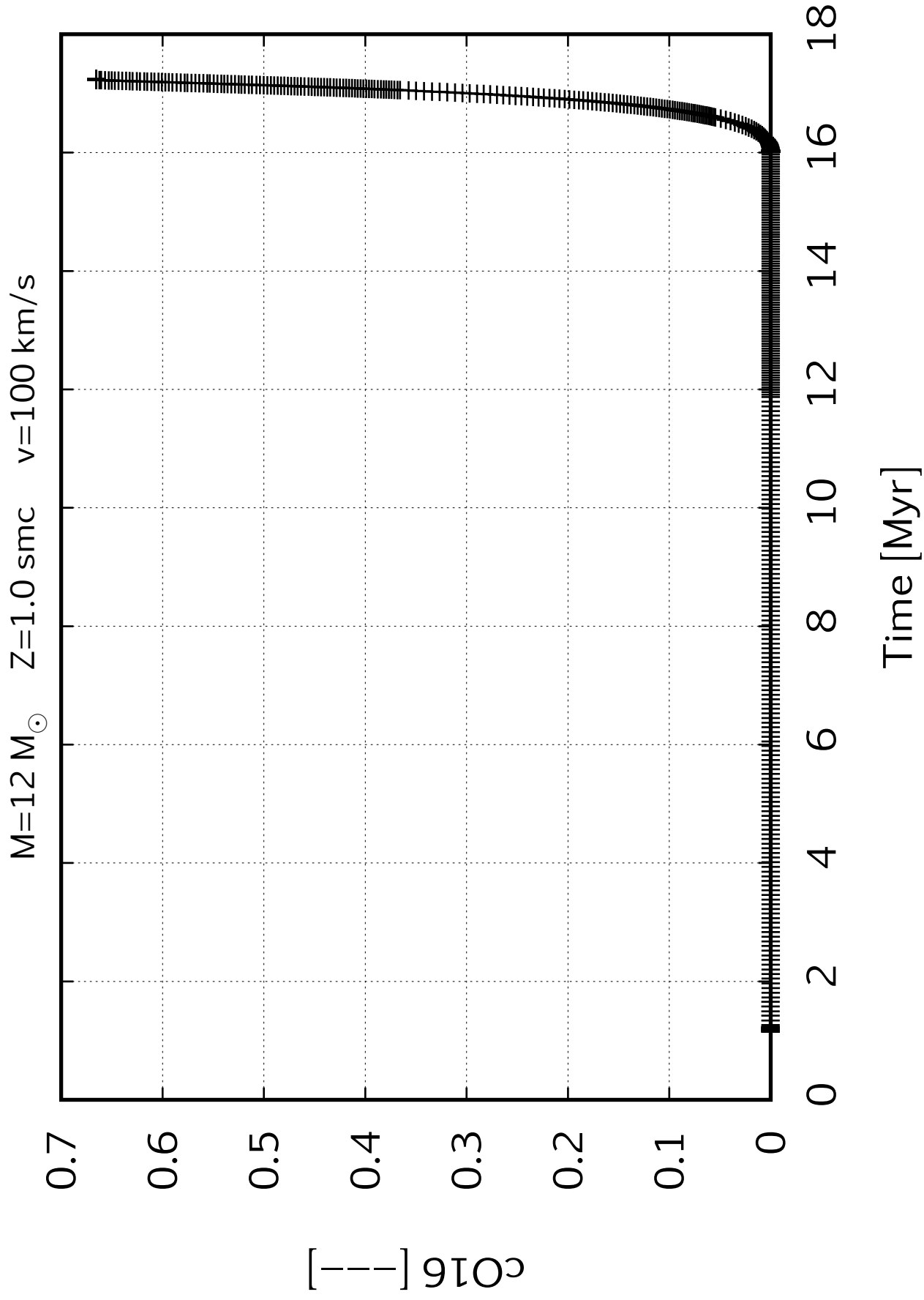
$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

$[N_{15}]$

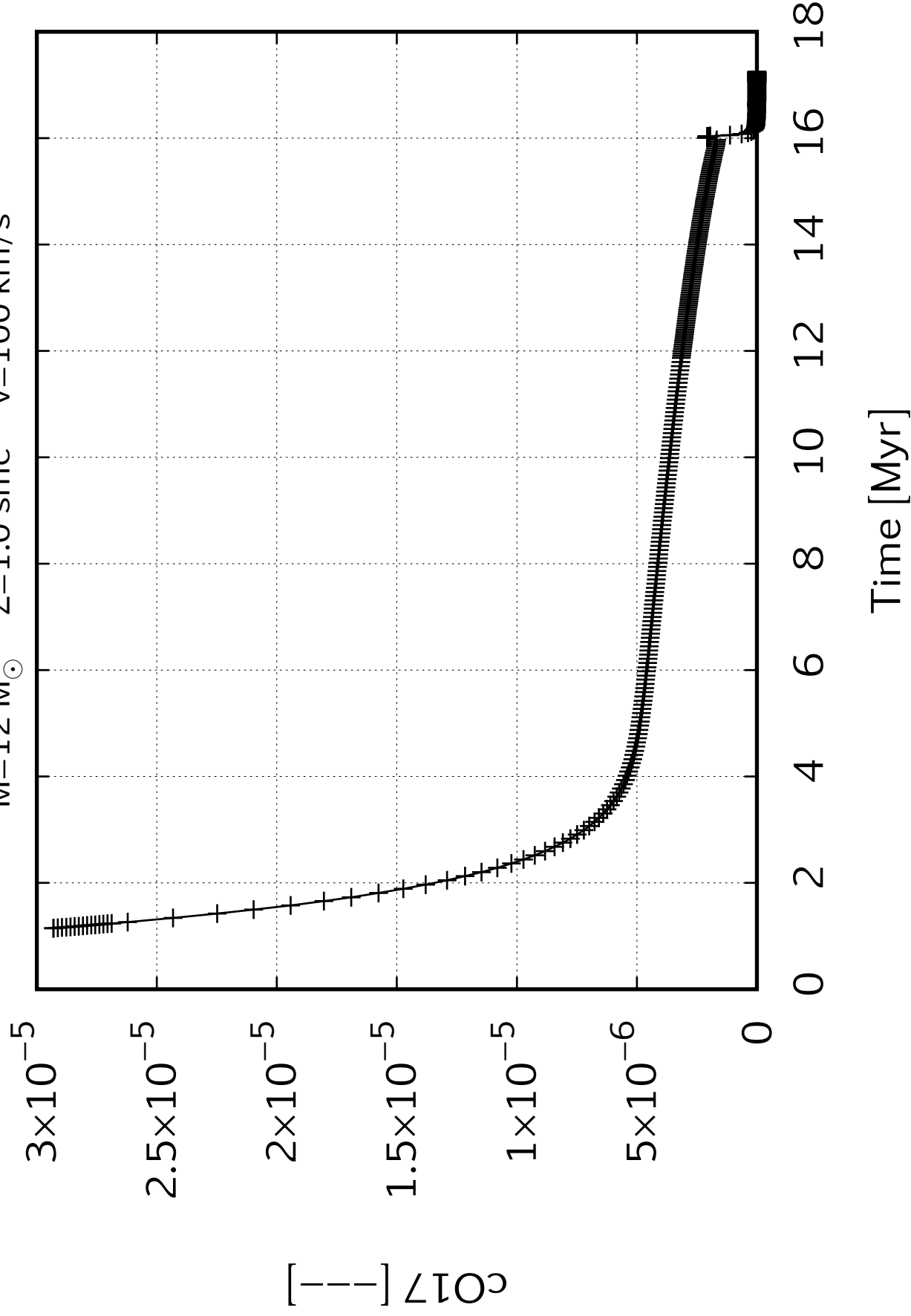
5×10^{-8}
 4.5×10^{-8}
 4×10^{-8}
 3.5×10^{-8}
 3×10^{-8}
 2.5×10^{-8}
 2×10^{-8}
 1.5×10^{-8}
 1×10^{-8}
 5×10^{-9}
0



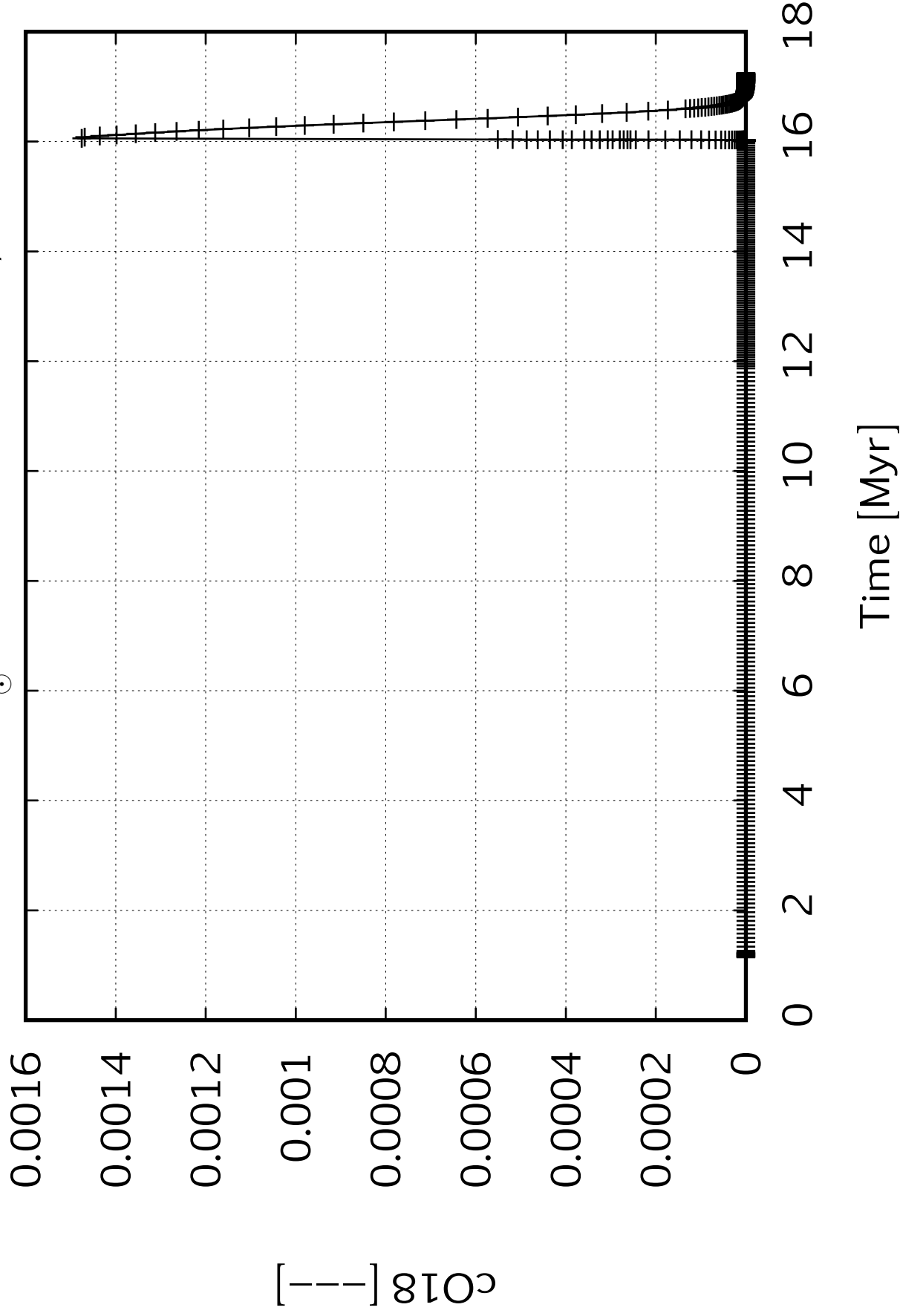
Time [Myr]

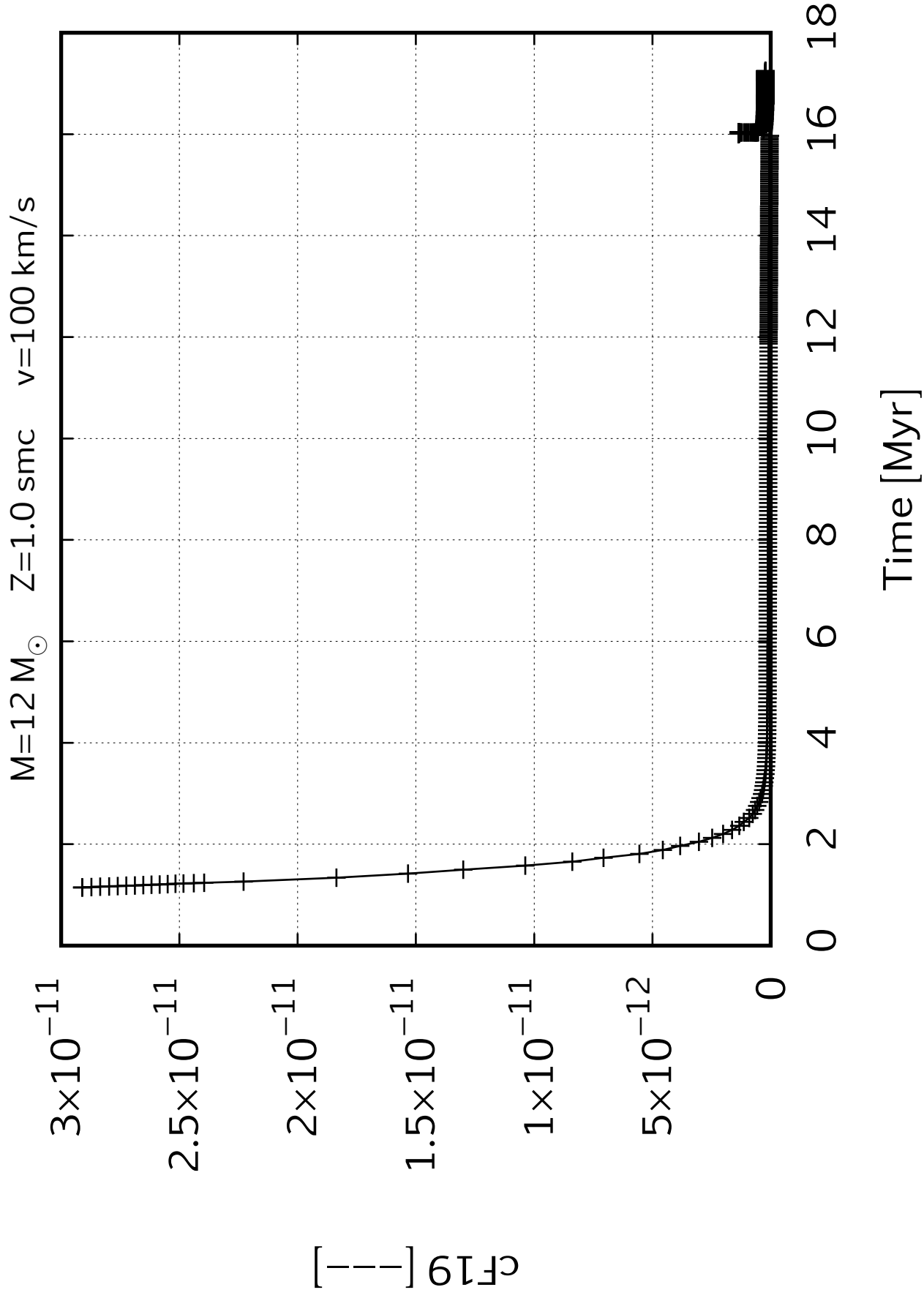


$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s



$M=12 M_{\odot}$ $Z=1.0$ smc $v=100$ km/s





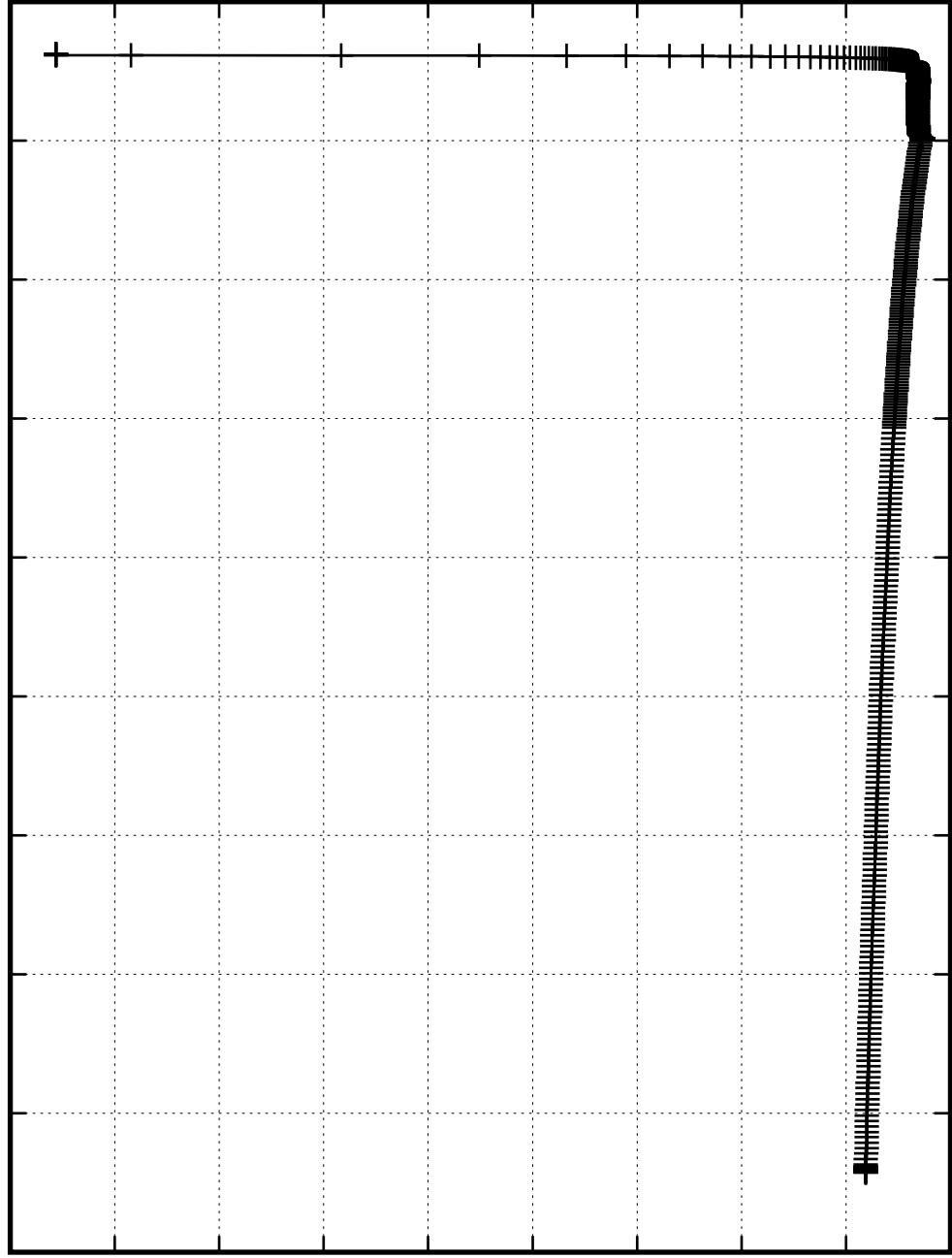
$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

$c_{\text{Ne}20} [-]$

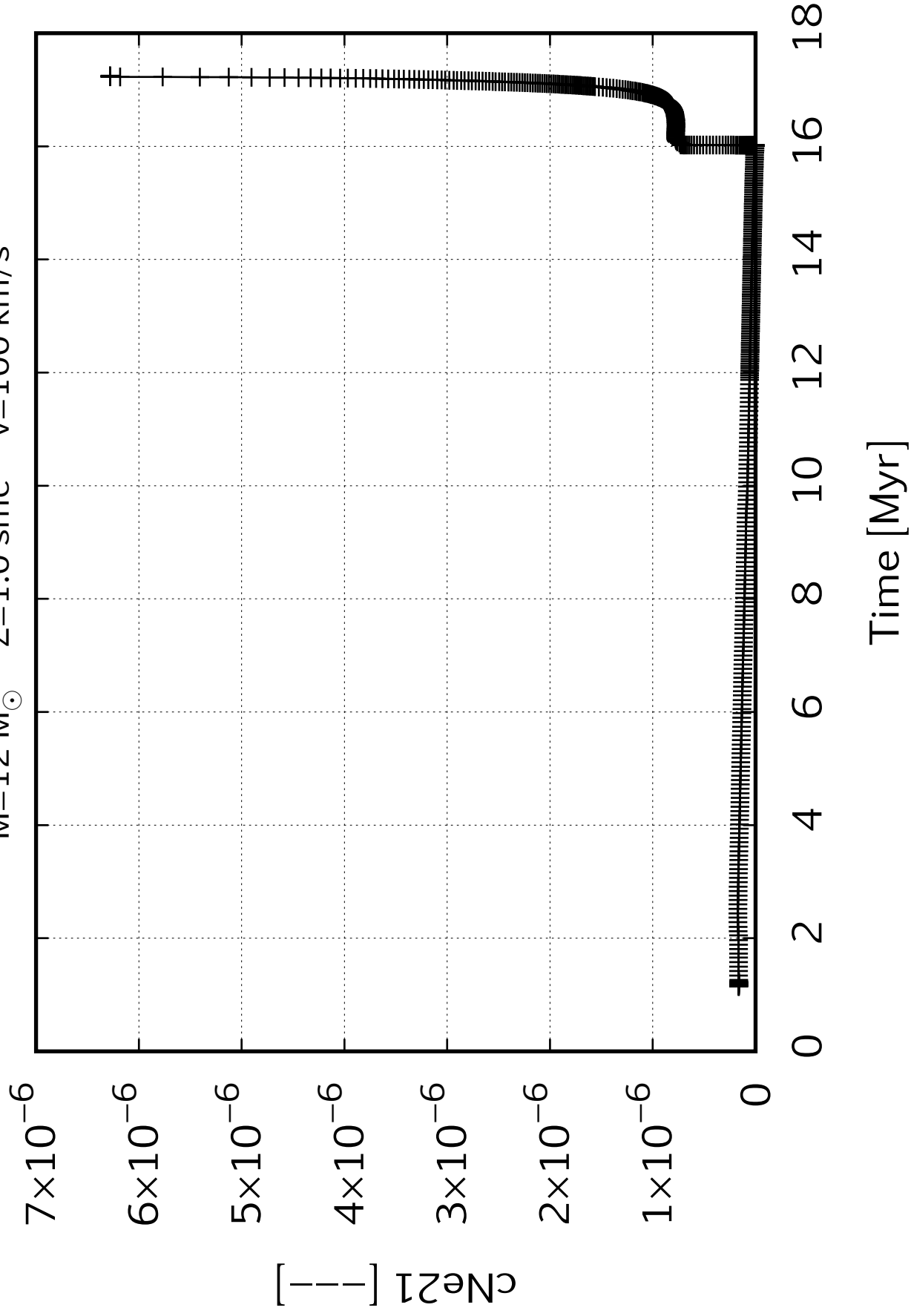
0.0006
0.00055
0.0005
0.00045
0.0004
0.00035
0.0003
0.00025
0.0002
0.00015

0 2 4 6 8 10 12 14 16 18

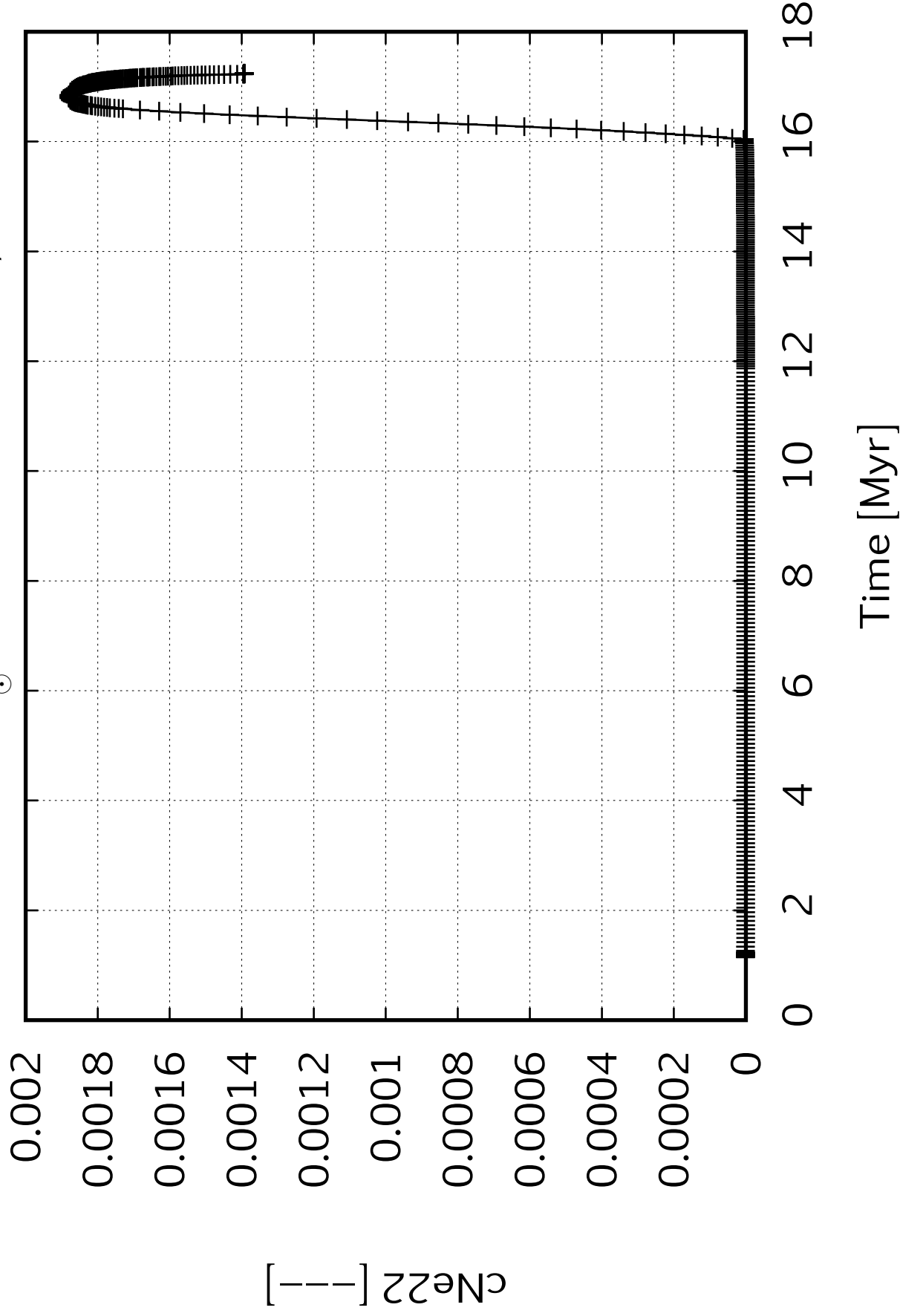
Time [Myr]



$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s



$M=12 M_{\odot}$ $Z=1.0$ smc $v=100$ km/s



$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

0.00005

0.00005

0.00004

0.00004

0.00003

0.00003

0.00002

$c_{\text{Na23}} [--]$

0

2

4

6

8

10

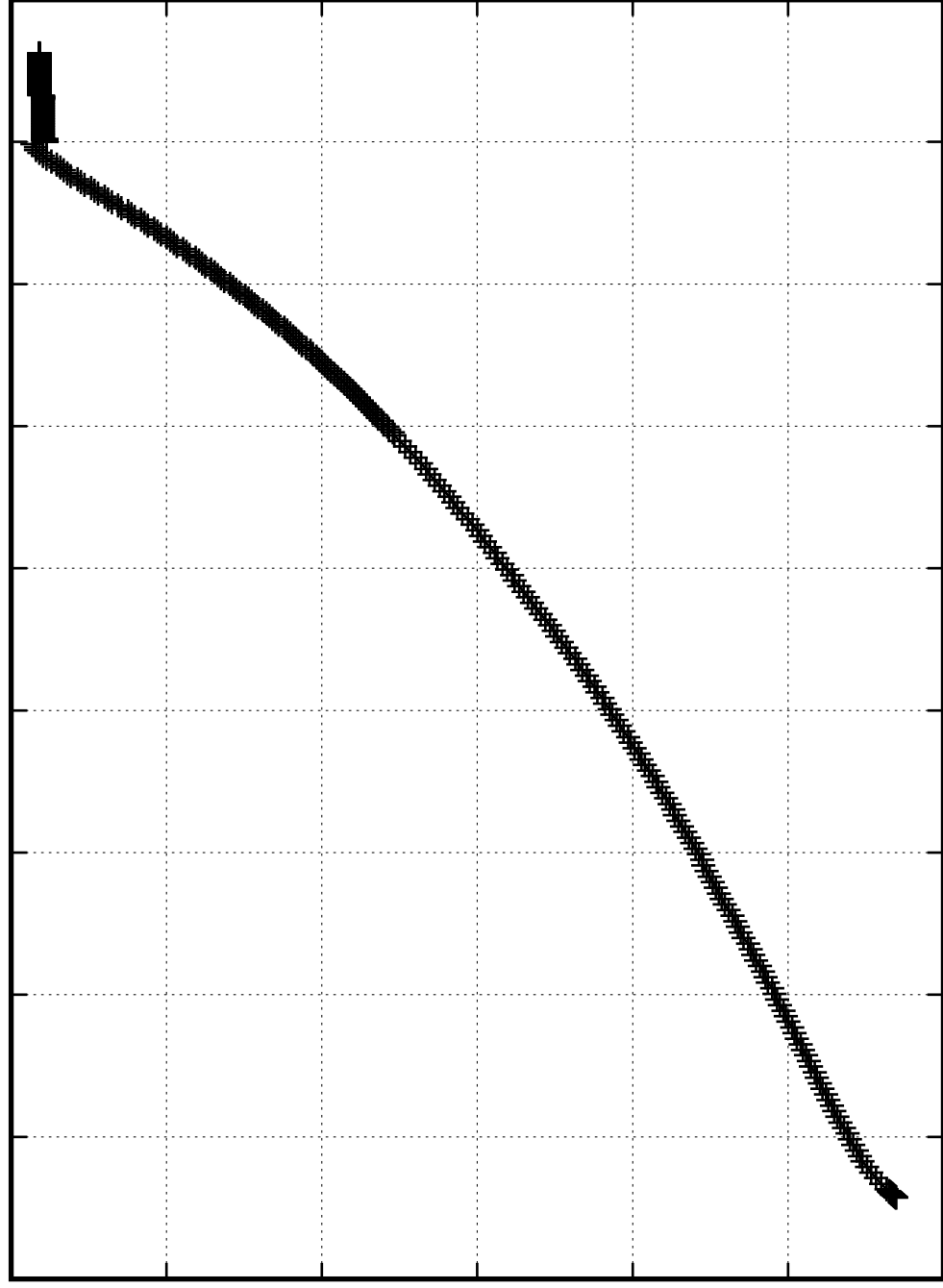
12

14

16

18

Time [Myr]



$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

0.00008

0.00007

0.00006

0.00005

0.00004

0.00003

0.00002

$cM_{g24} [---]$

0

2

4

6

8

10

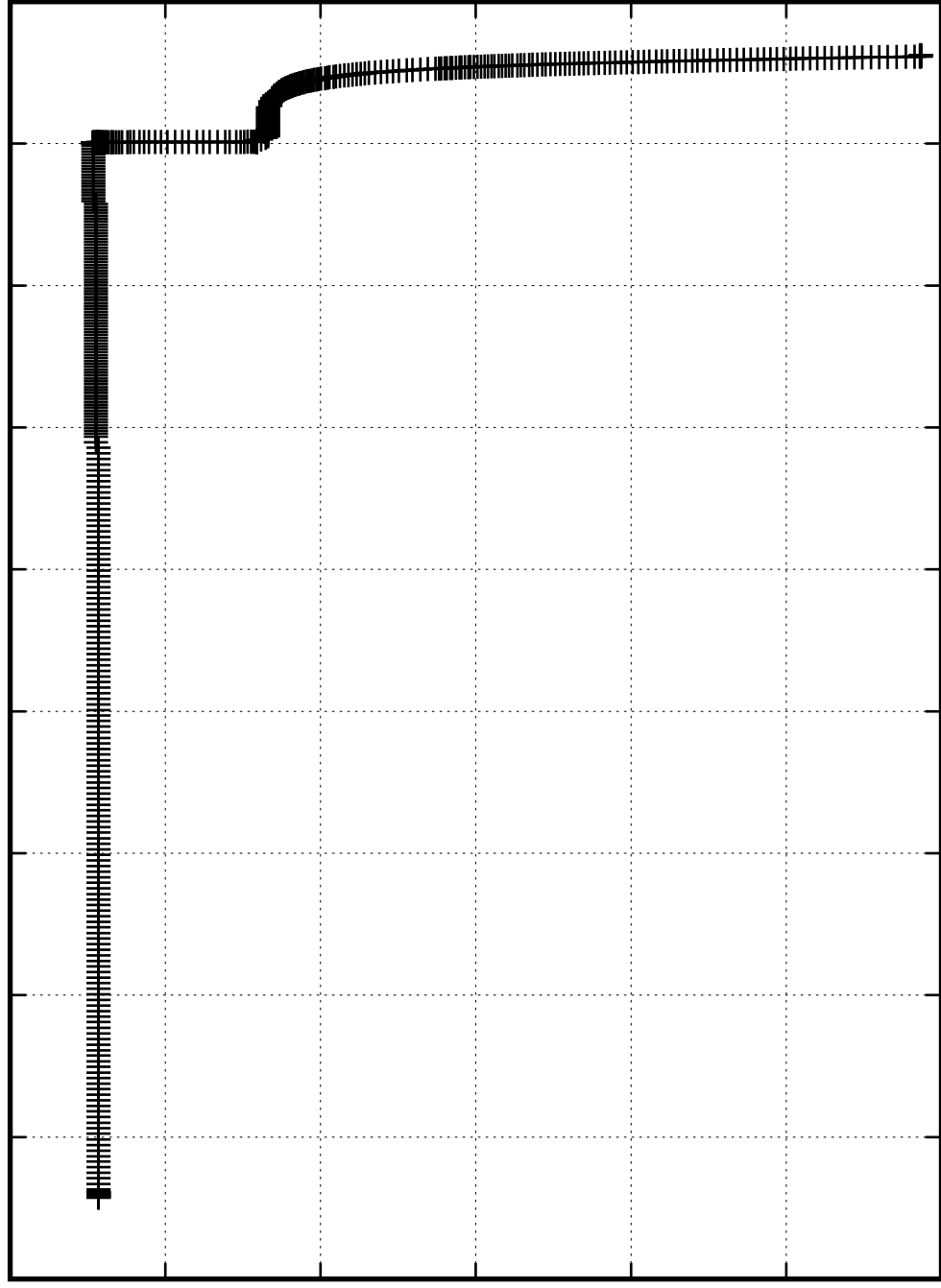
12

14

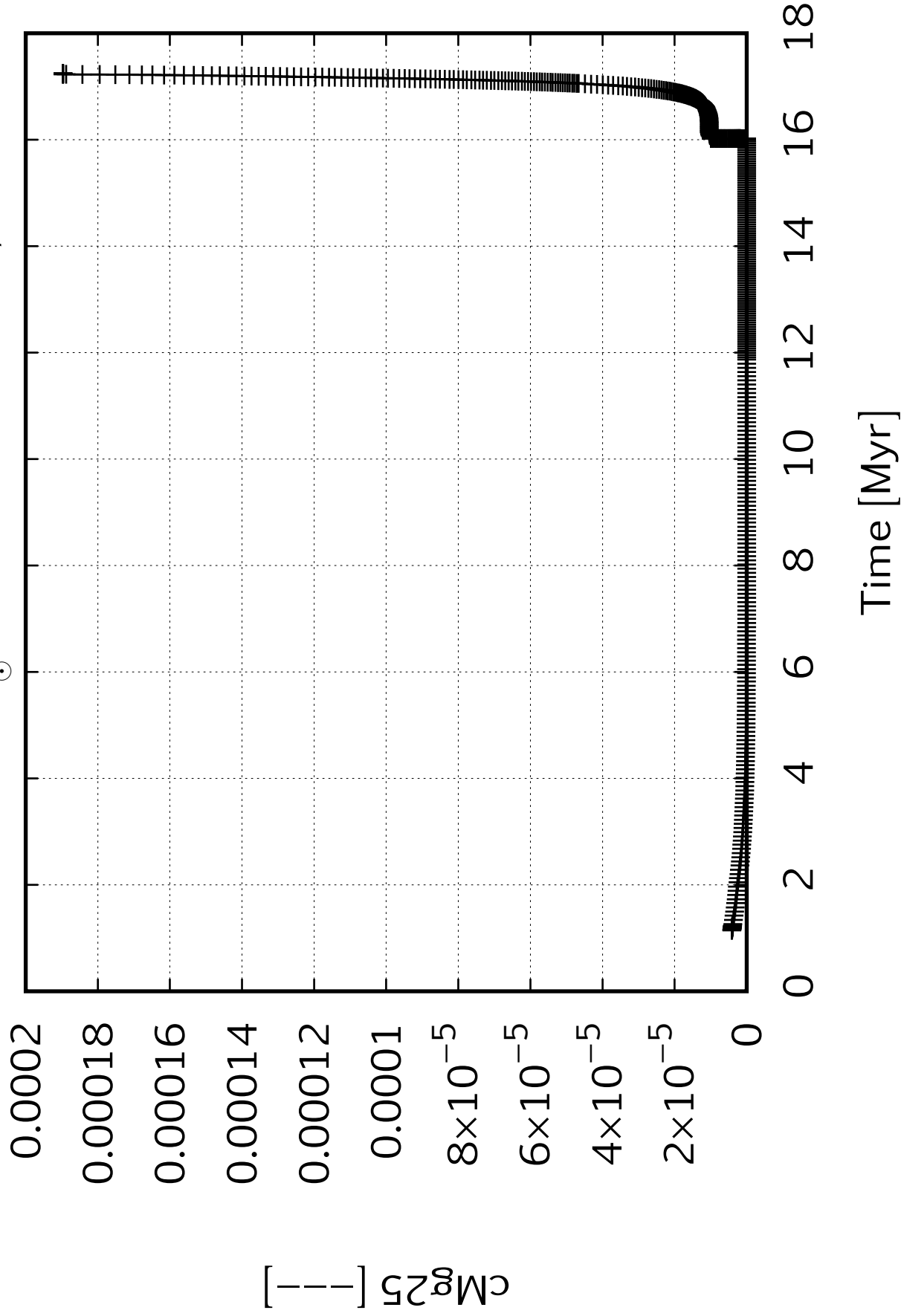
16

18

Time [Myr]



$M=12 M_{\odot}$ $Z=1.0$ smc $v=100$ km/s



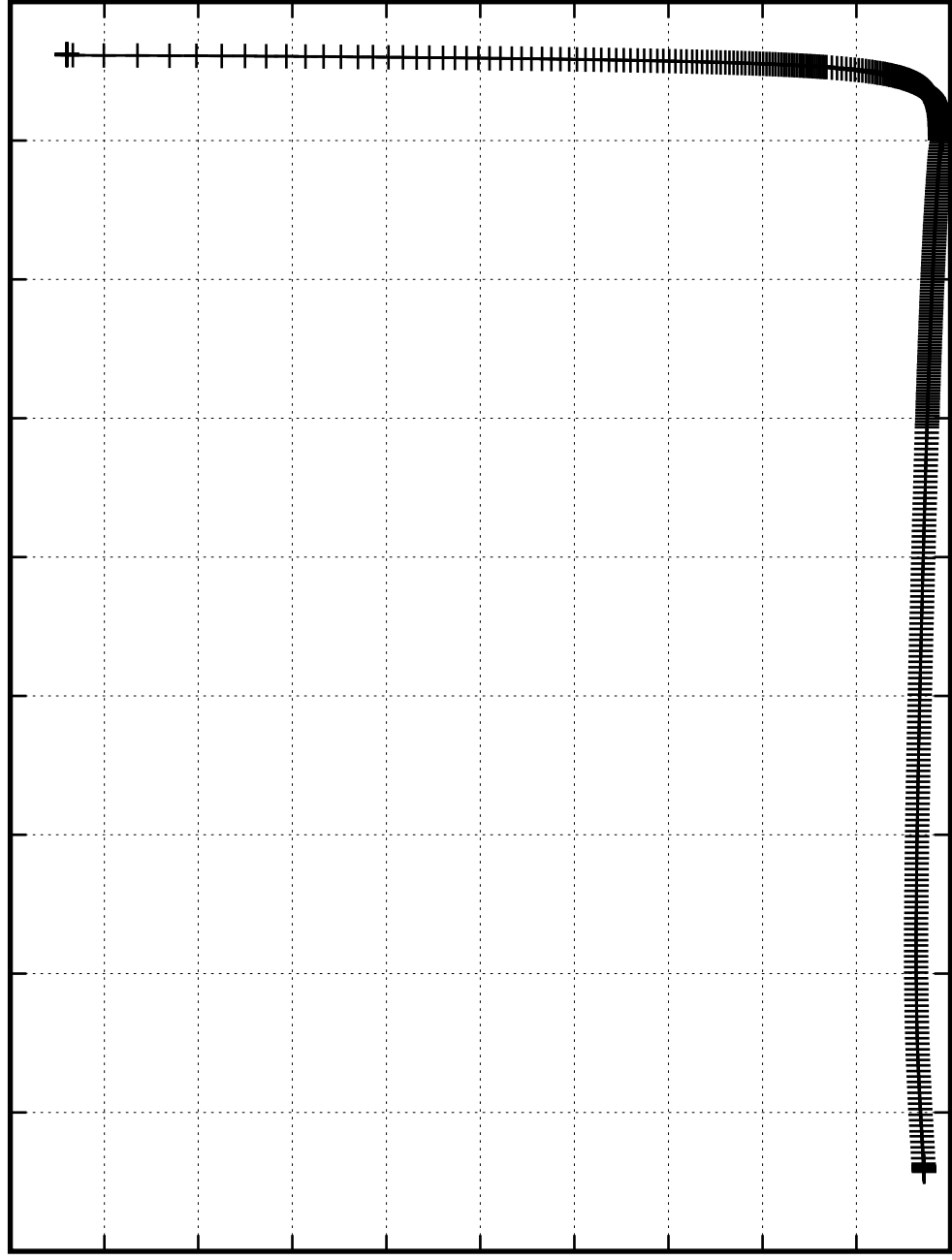
$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

$[\text{---}]_{\text{Mg } 26}$

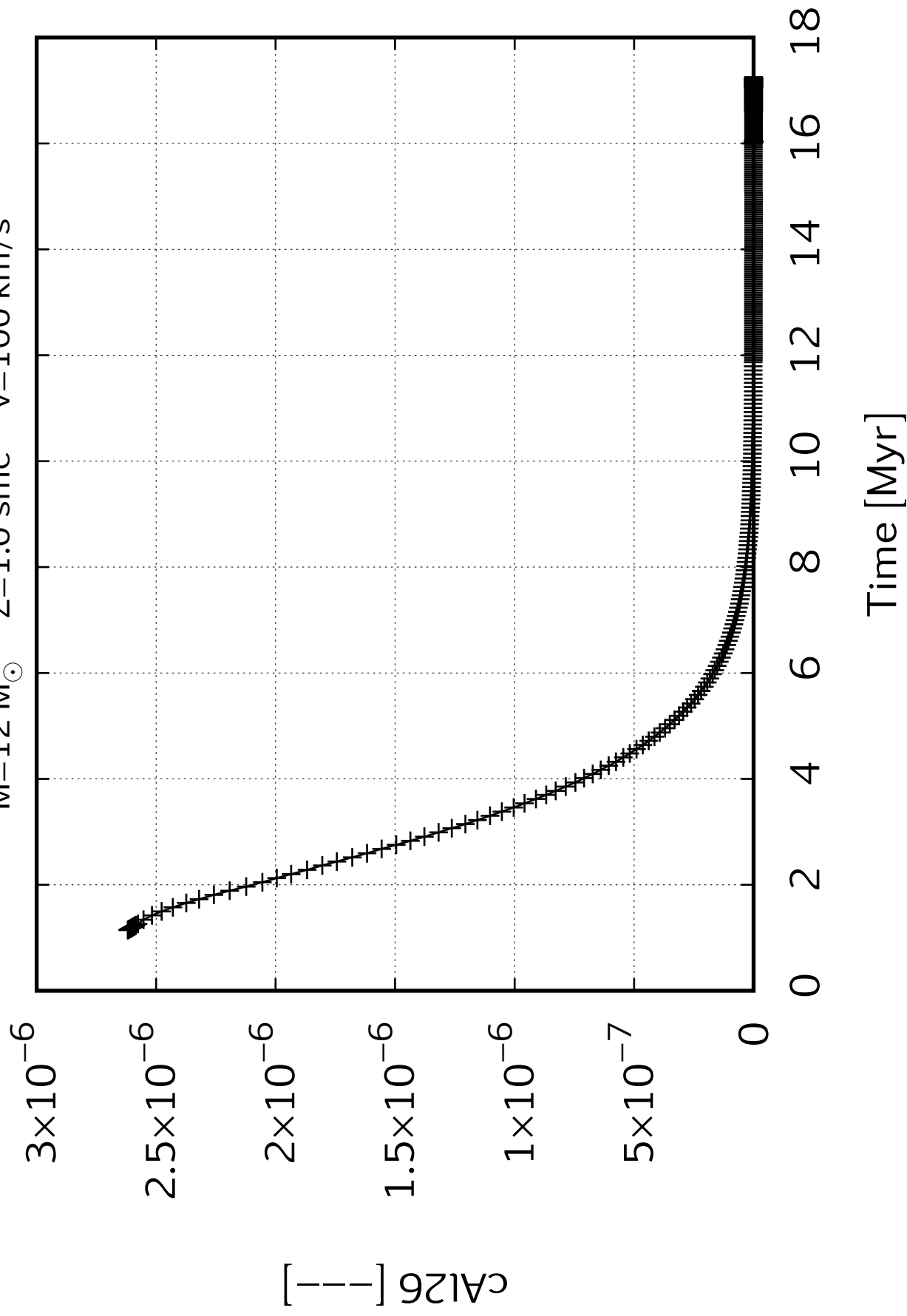
0.0005
0.00045
0.0004
0.00035
0.0003
0.00025
0.0002
0.00015
0.0001
 5×10^{-5}
0

0 2 4 6 8 10 12 14 16 18

Time [Myr]



$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s



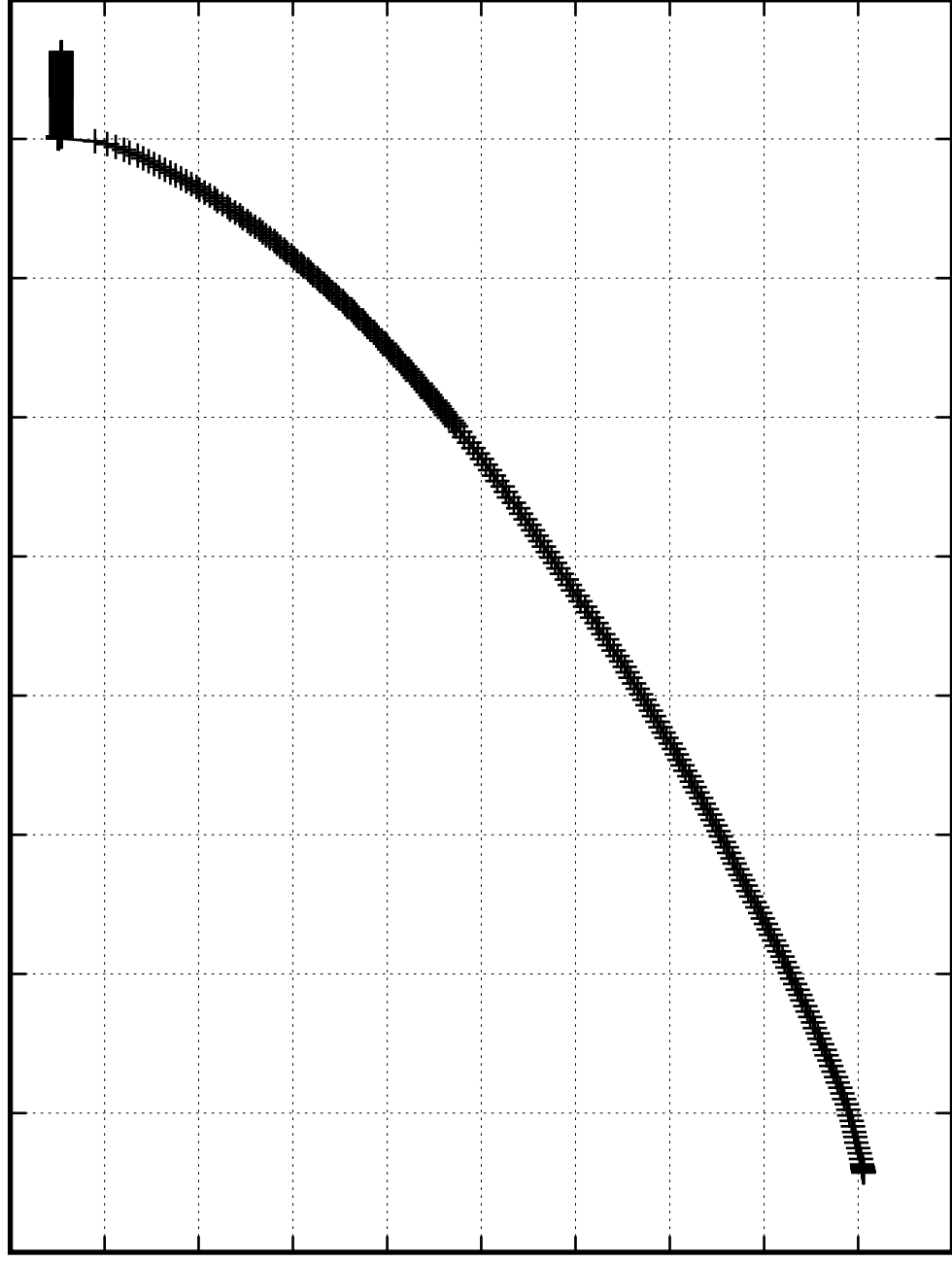
$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

$cA127$ [—]

0.000028
0.000026
0.000024
0.000022
0.000020
0.000018
0.000016
0.000014
0.000012
0.000010
0.000008

0 2 4 6 8 10 12 14 16 18

Time [Myr]



$M=12 M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

0.00013

0.00012

0.00011

0.00010

0.00009

0.00008

0.00007

0.00006

$[\text{--}]_{\text{CS:28}}$

0

2

4

6

8

10

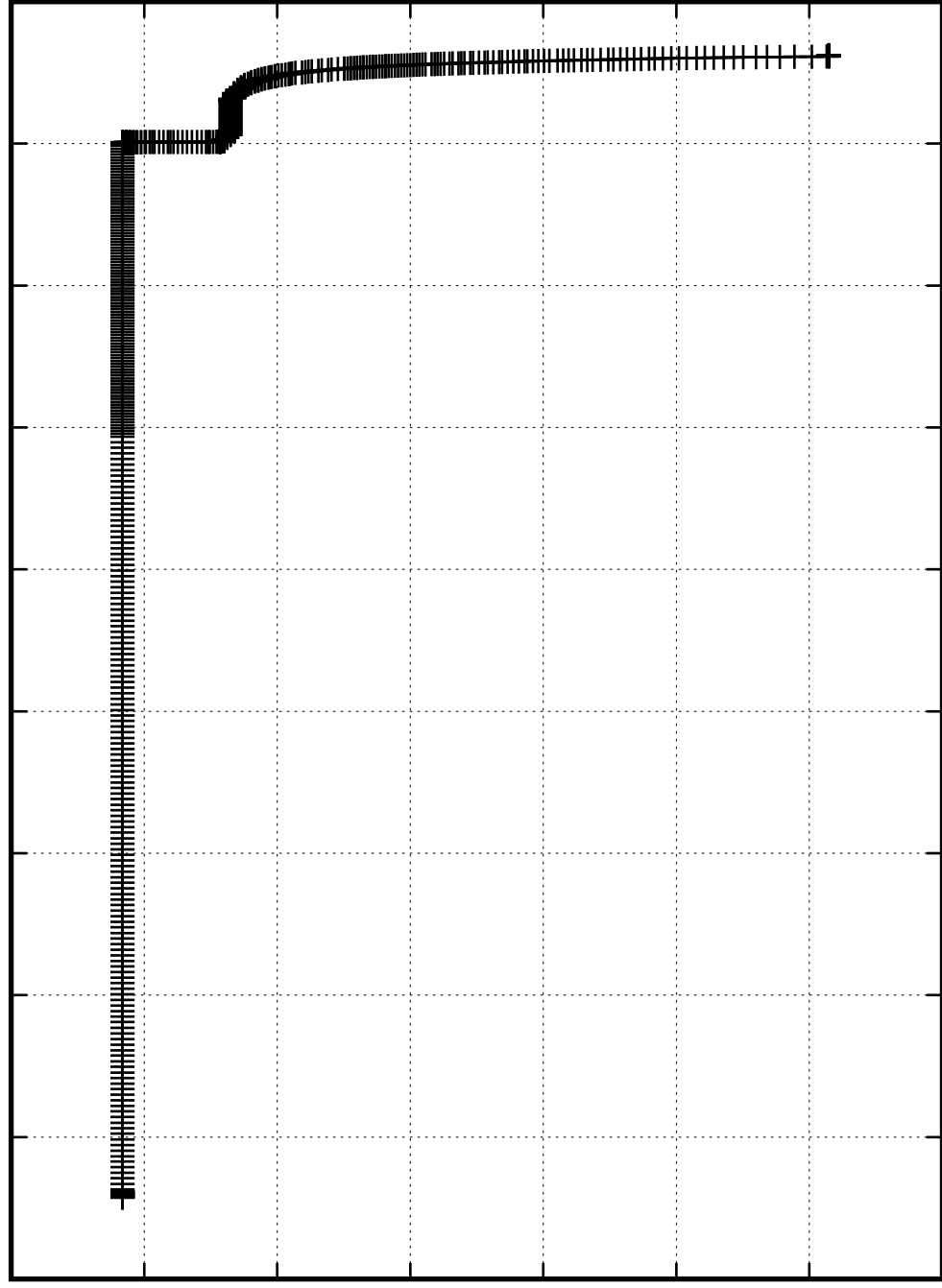
12

14

16

18

Time [Myr]



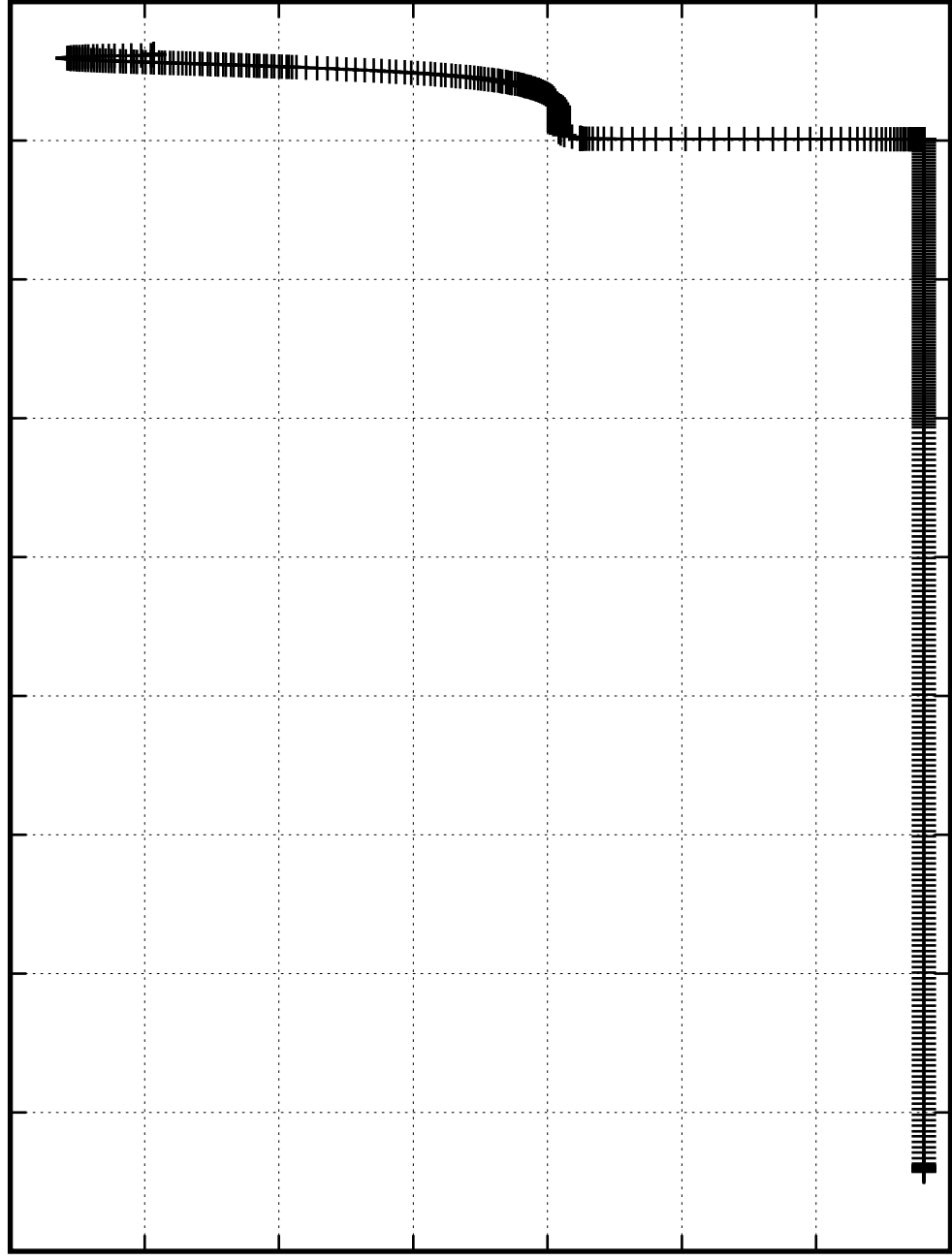
$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

$[\text{--}]_{\text{CS:29}}$

0.000020
0.000018
0.000016
0.000014
0.000012
0.000010
0.000008
0.000006

0 2 4 6 8 10 12 14 16 18

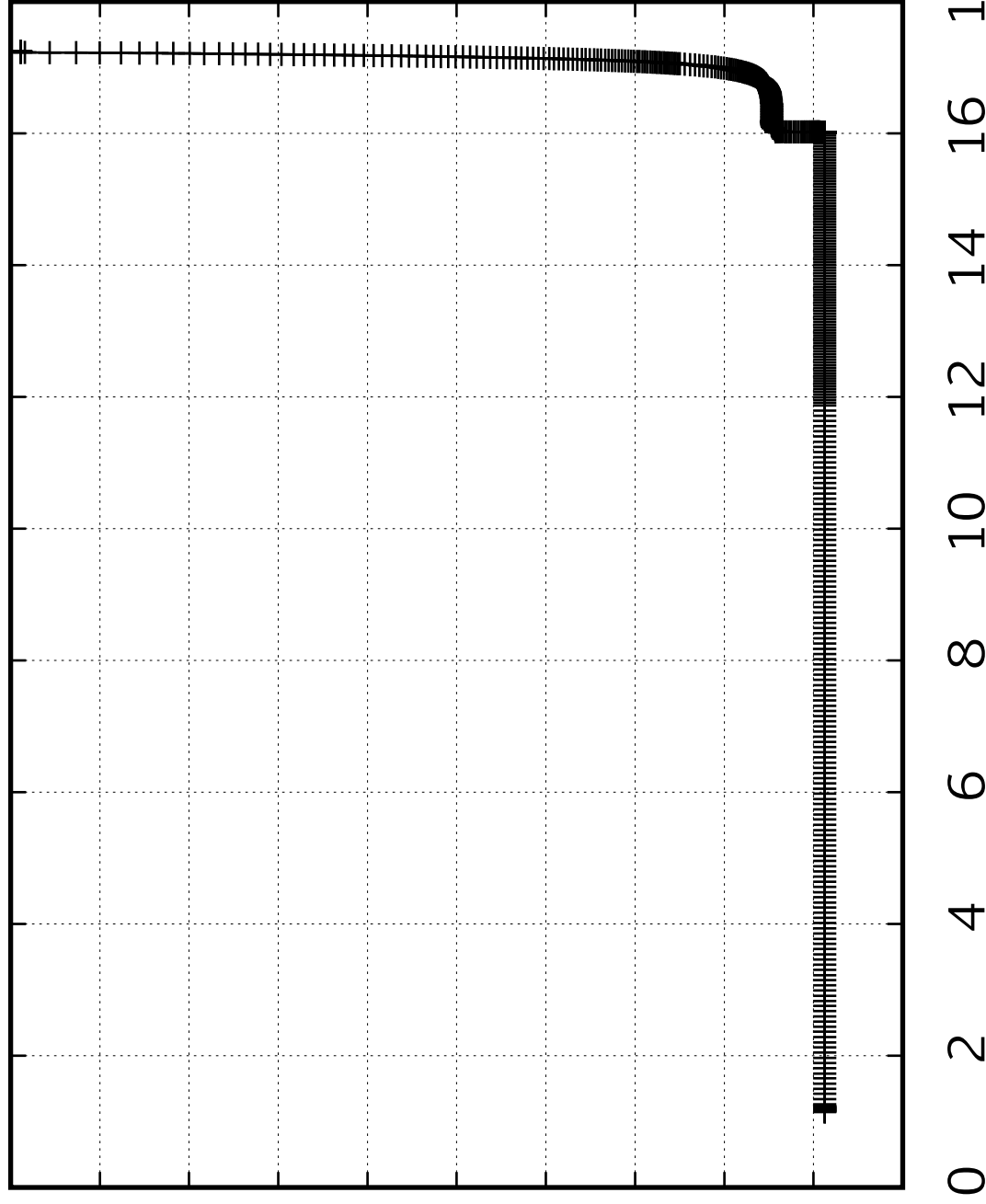
Time [Myr]



$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

ϵ_{Si30}

5×10^{-5}
 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



Time [Myr]

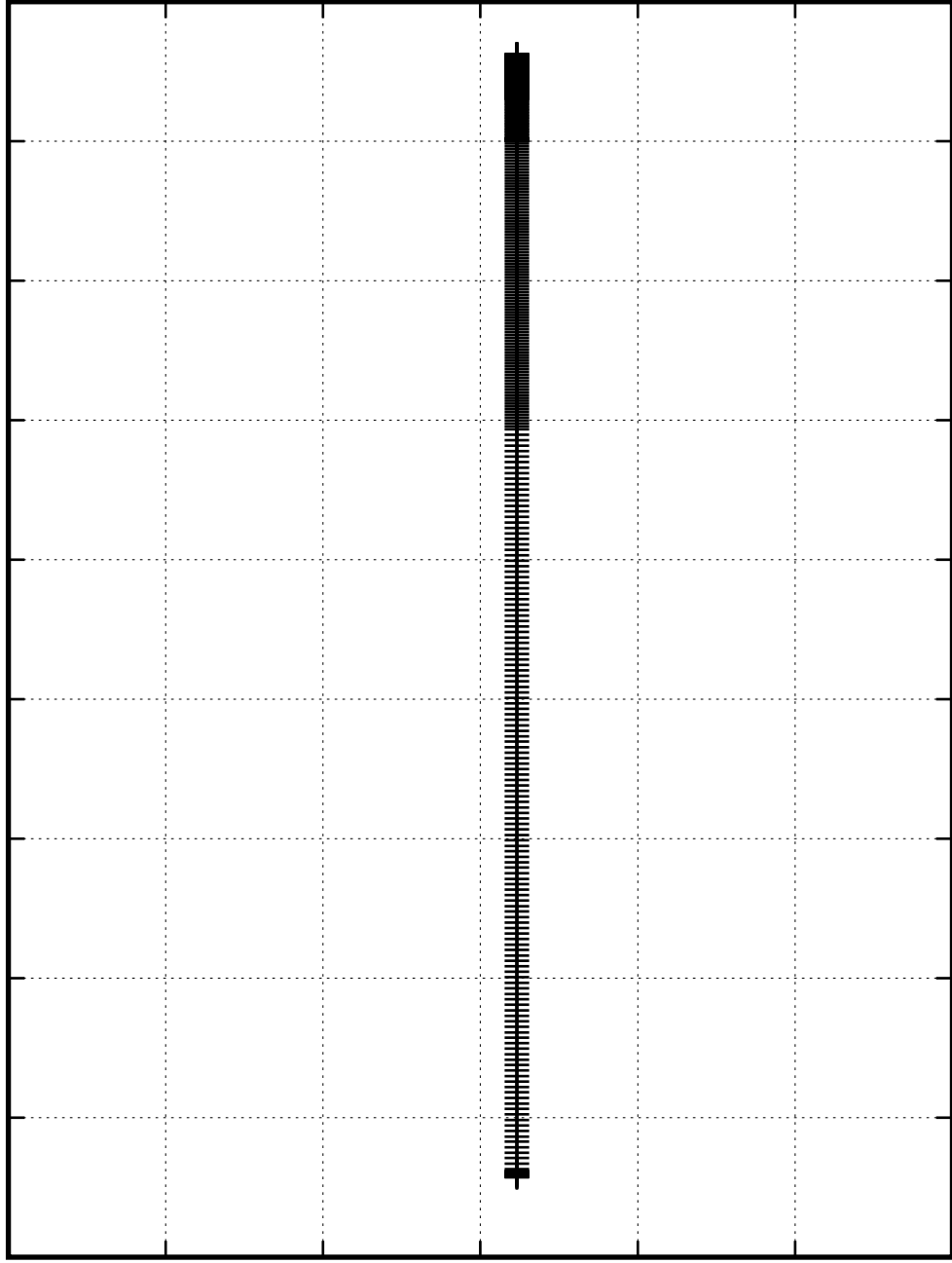
$M=12\,M_{\odot}$ $Z=1.0$ smc $v=100$ km/s

$[\text{Fe56}]$

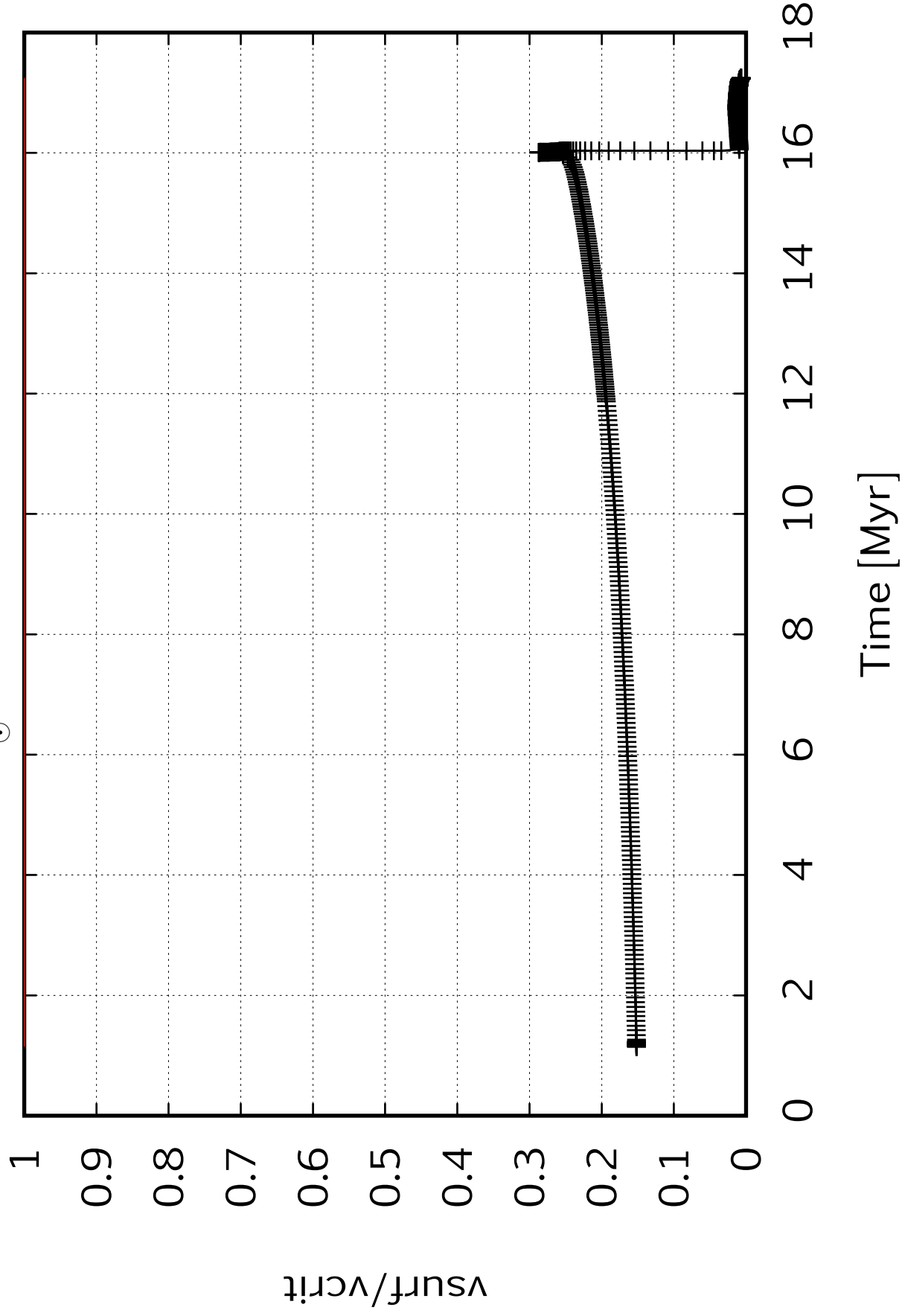
0.000255
0.000254
0.000253
0.000252
0.000251
0.000250
0.000249

0 2 4 6 8 10 12 14 16 18

Time [Myr]



$M=12 M_{\odot}$ $Z=1.0$ smc $v=100$ km/s



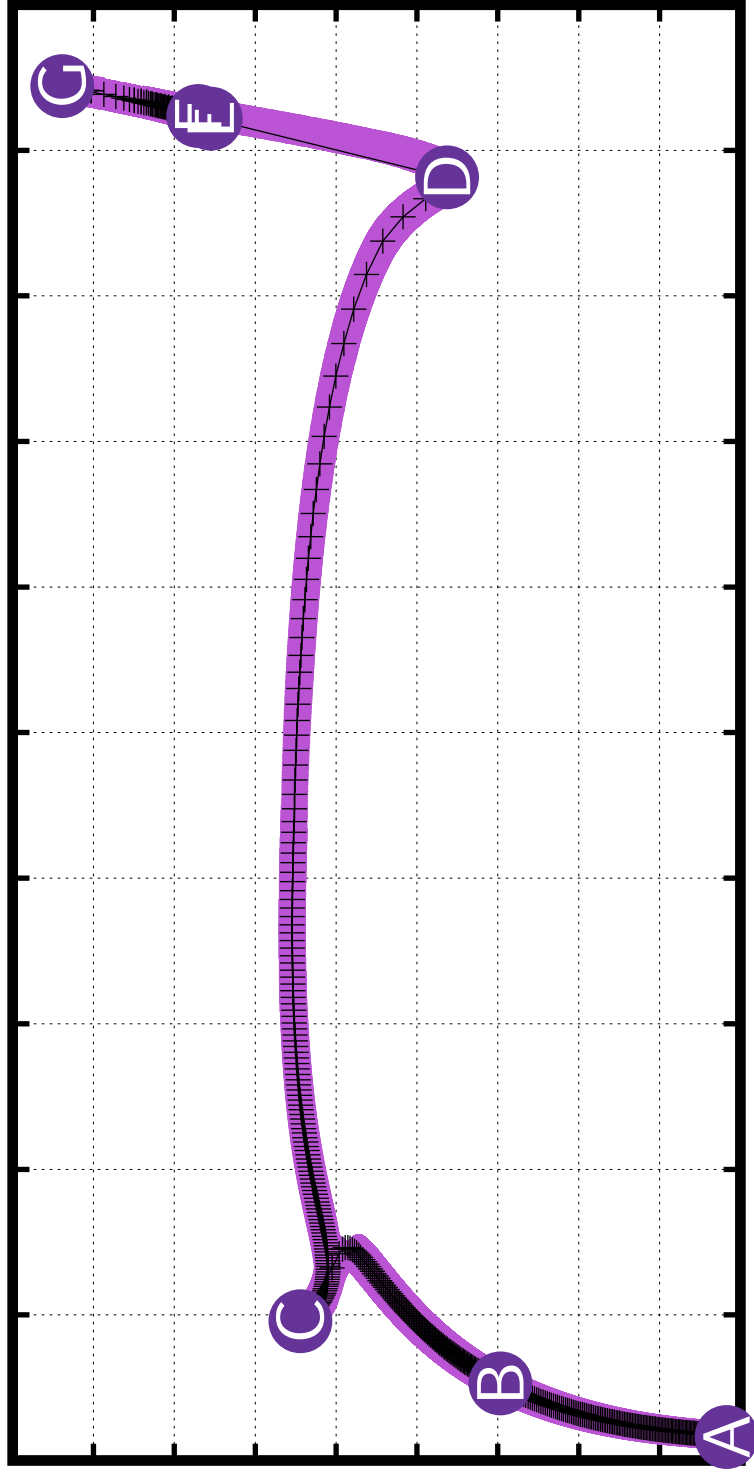
12 M_⊙ SMC

L/L_{\odot}

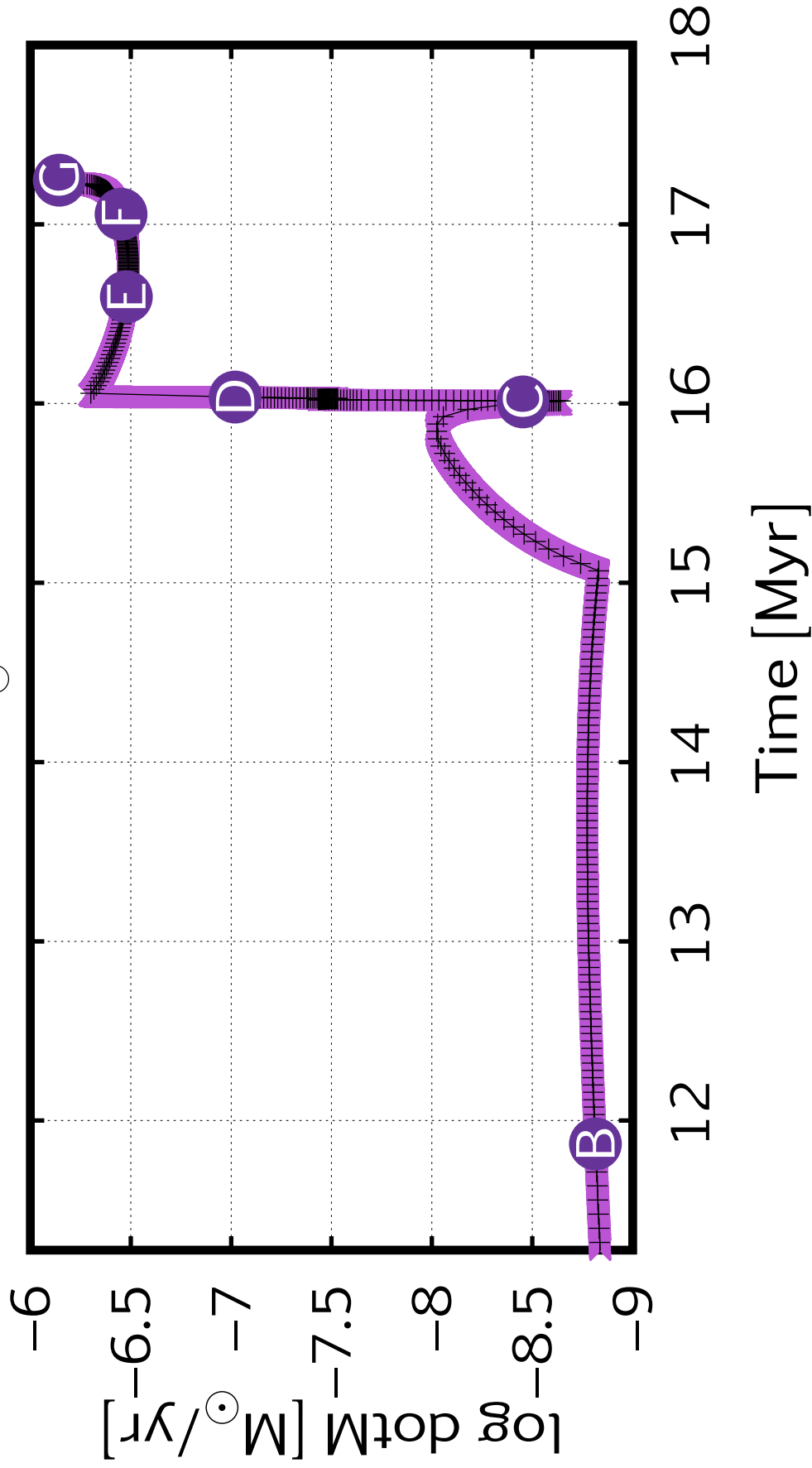
4.9
4.8
4.7
4.6
4.5
4.4
4.3
4.2
4.1
4

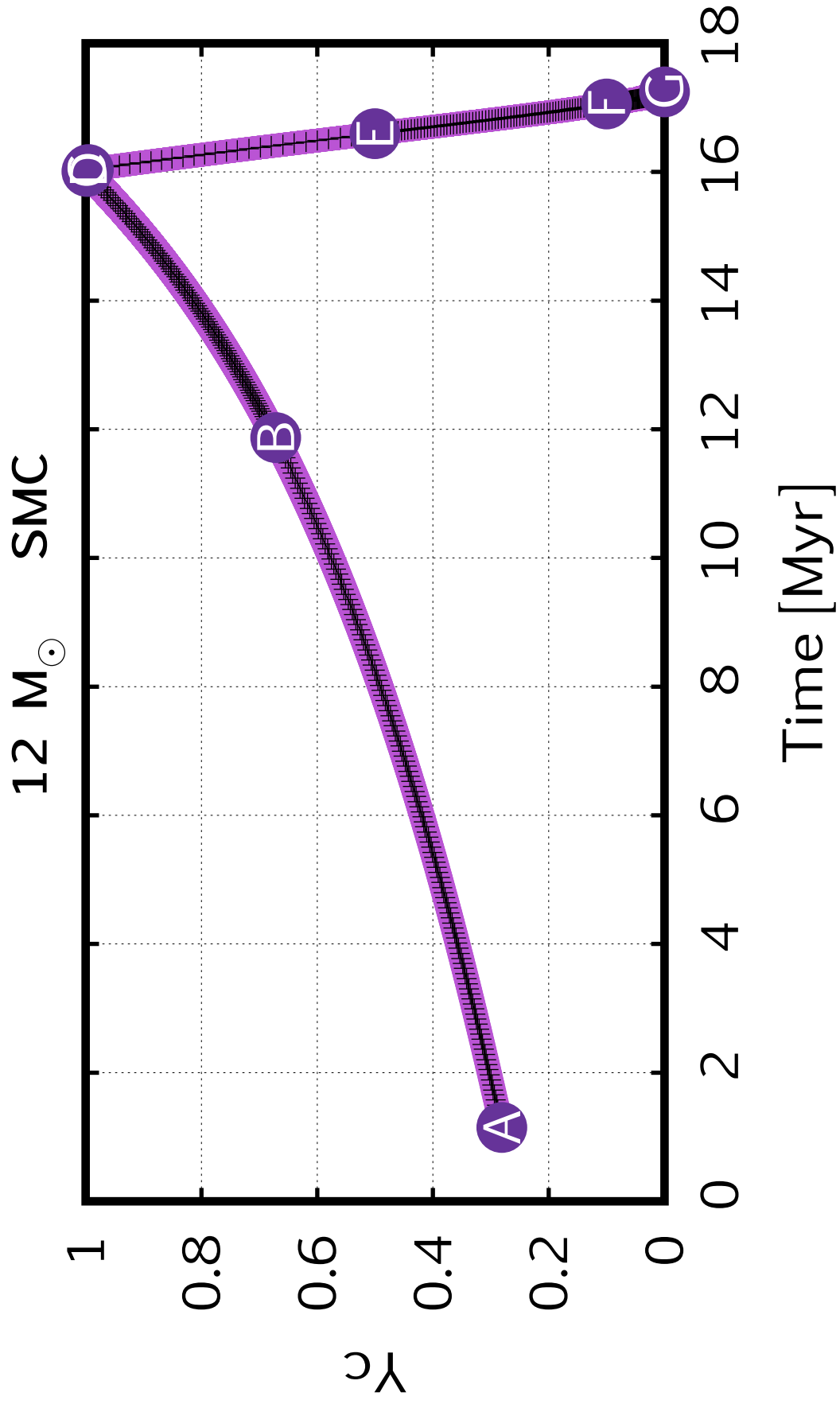
$\log T_{\text{eff}} [\text{K}]$

4.5 4.4 4.3 4.2 4.1 4 3.9 3.8 3.7 3.6 3.5



$12\ M_{\odot}$ SMC





12 M_⊙ SMC

