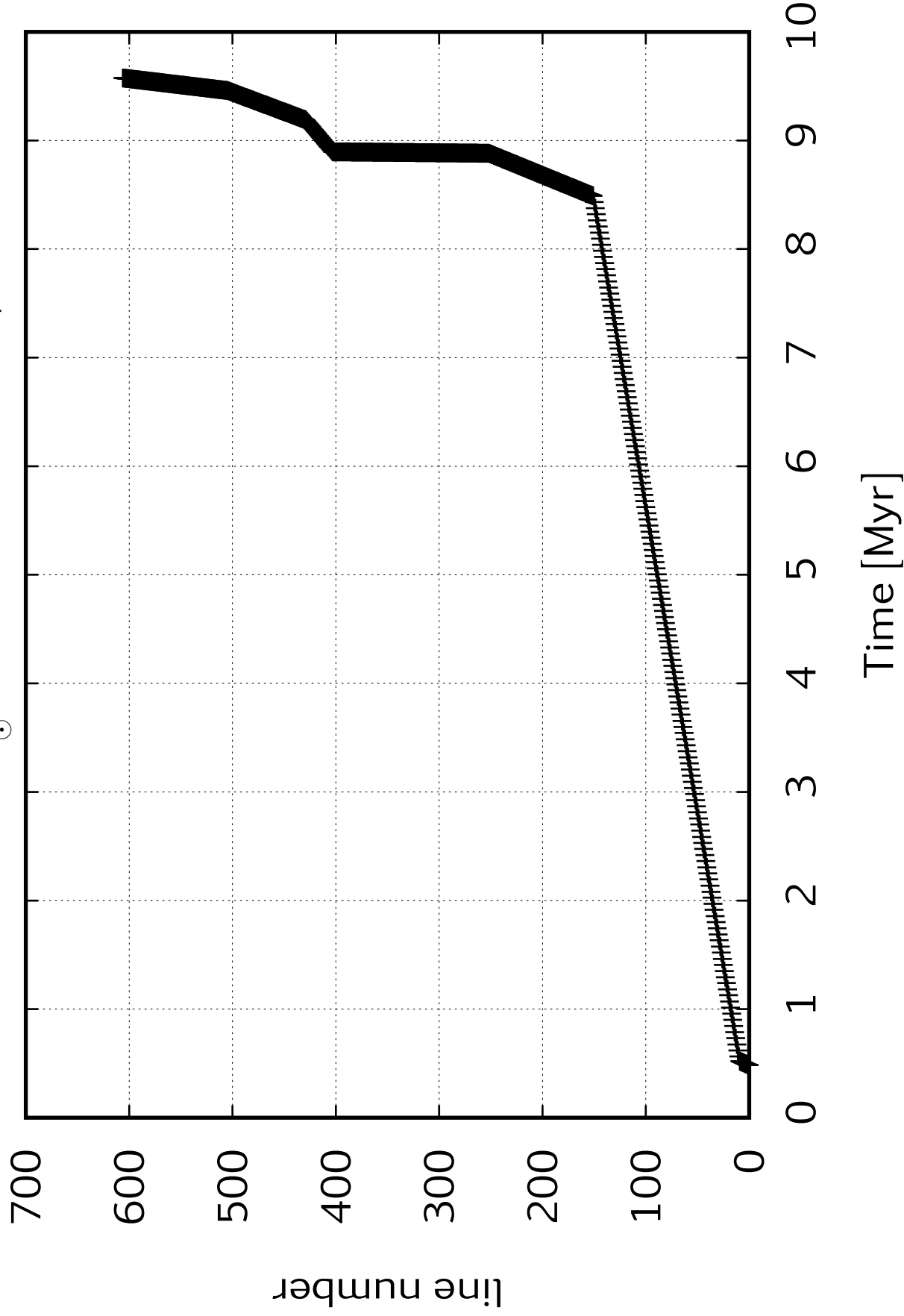
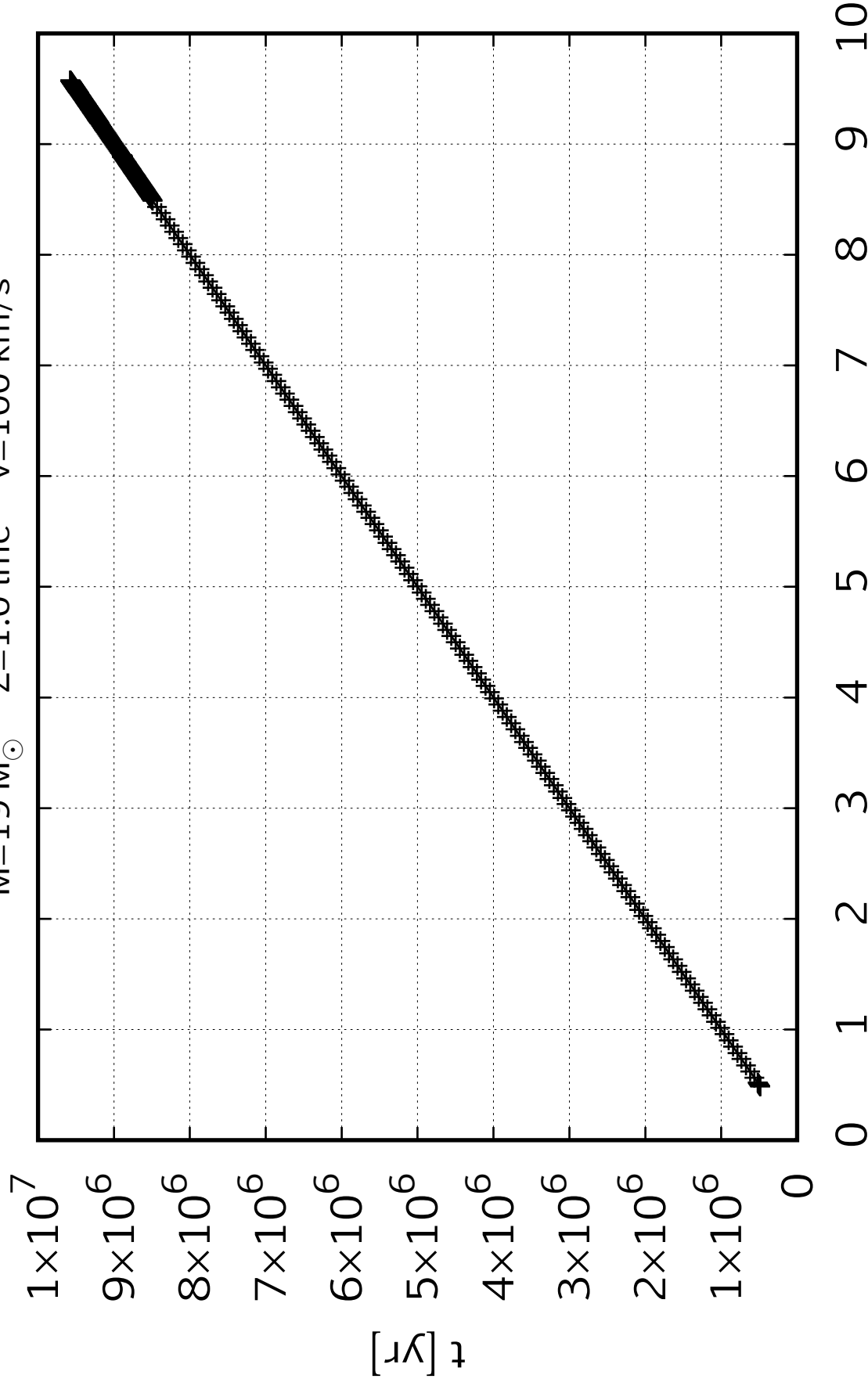
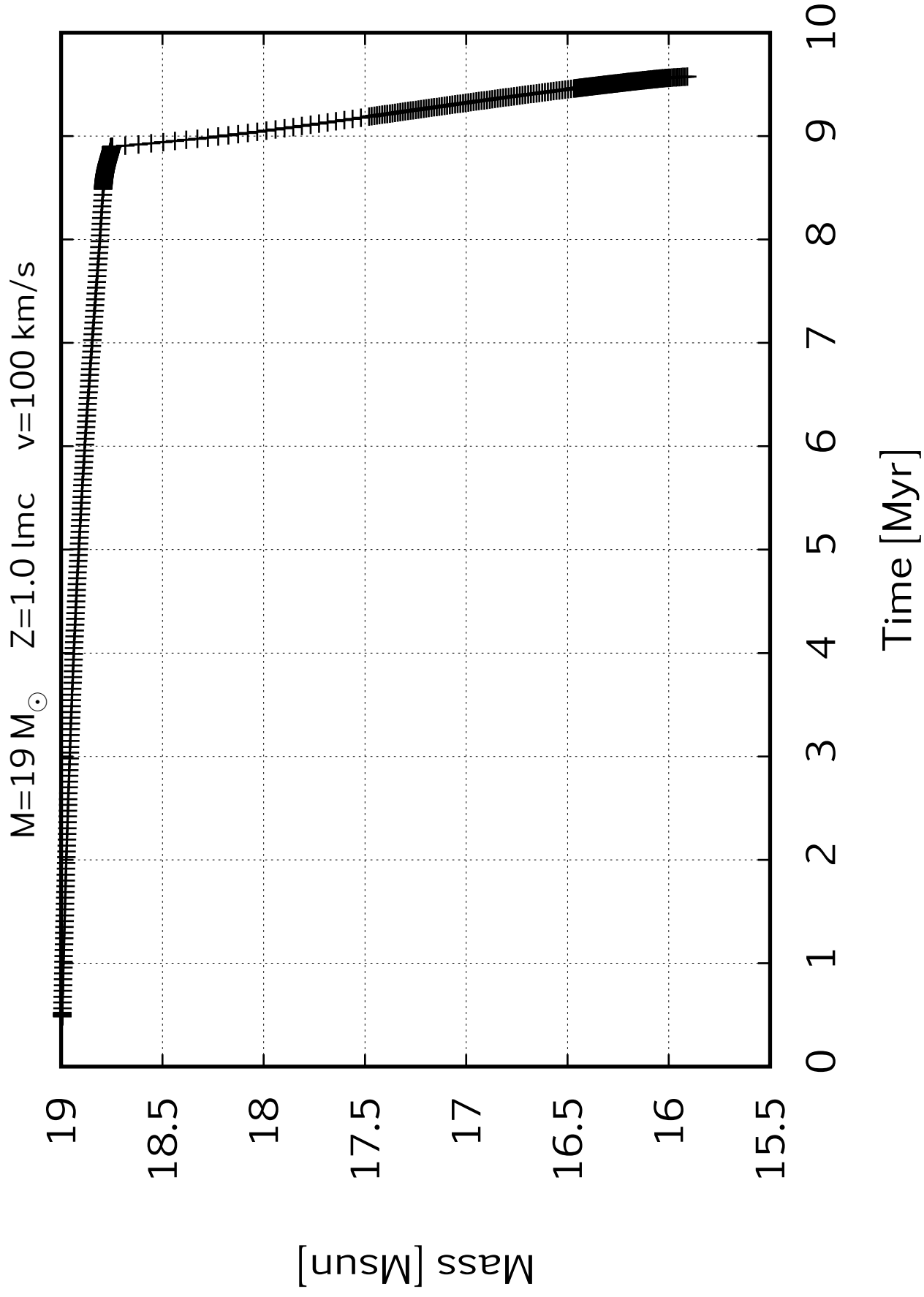


$M=19M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

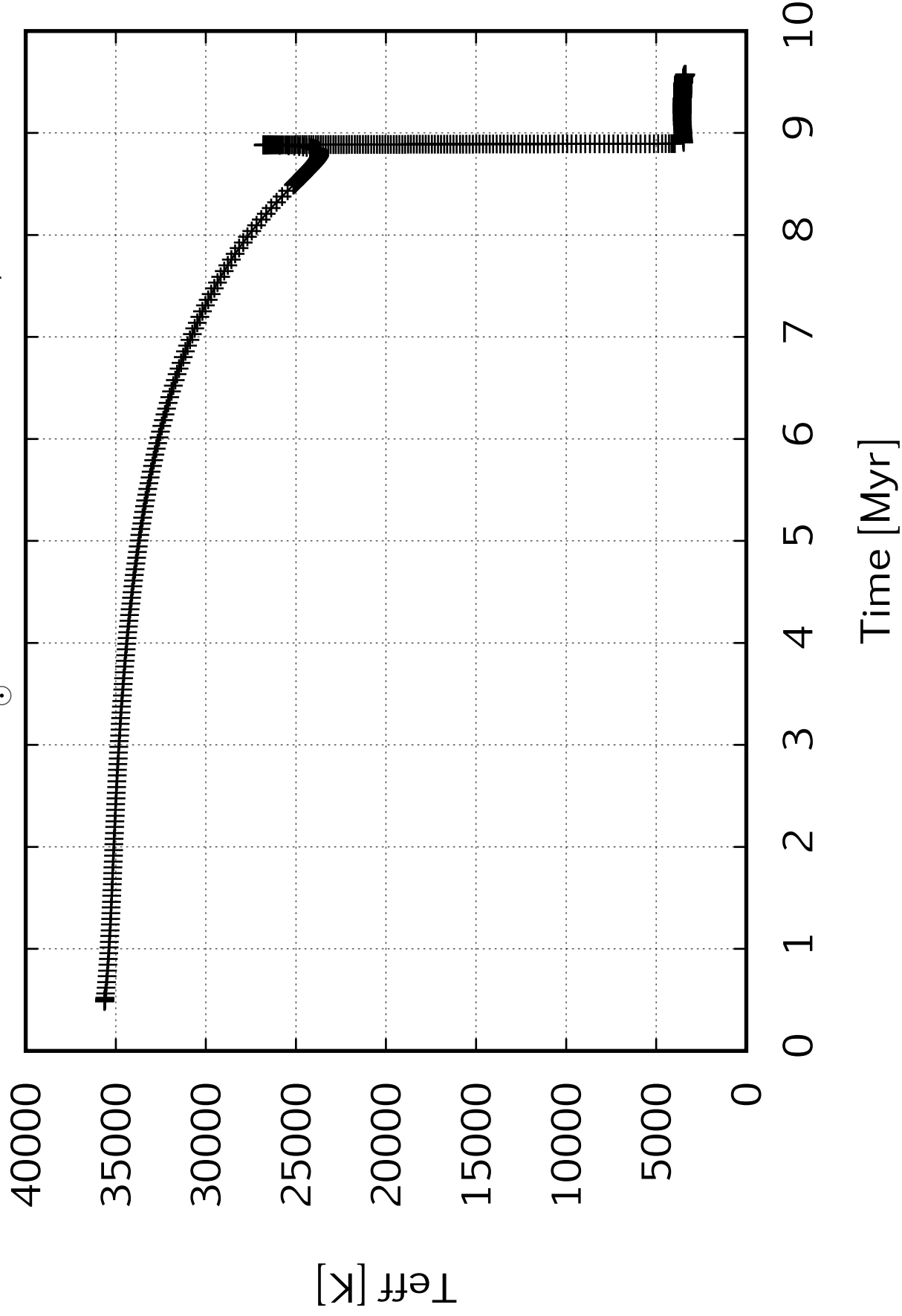


$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

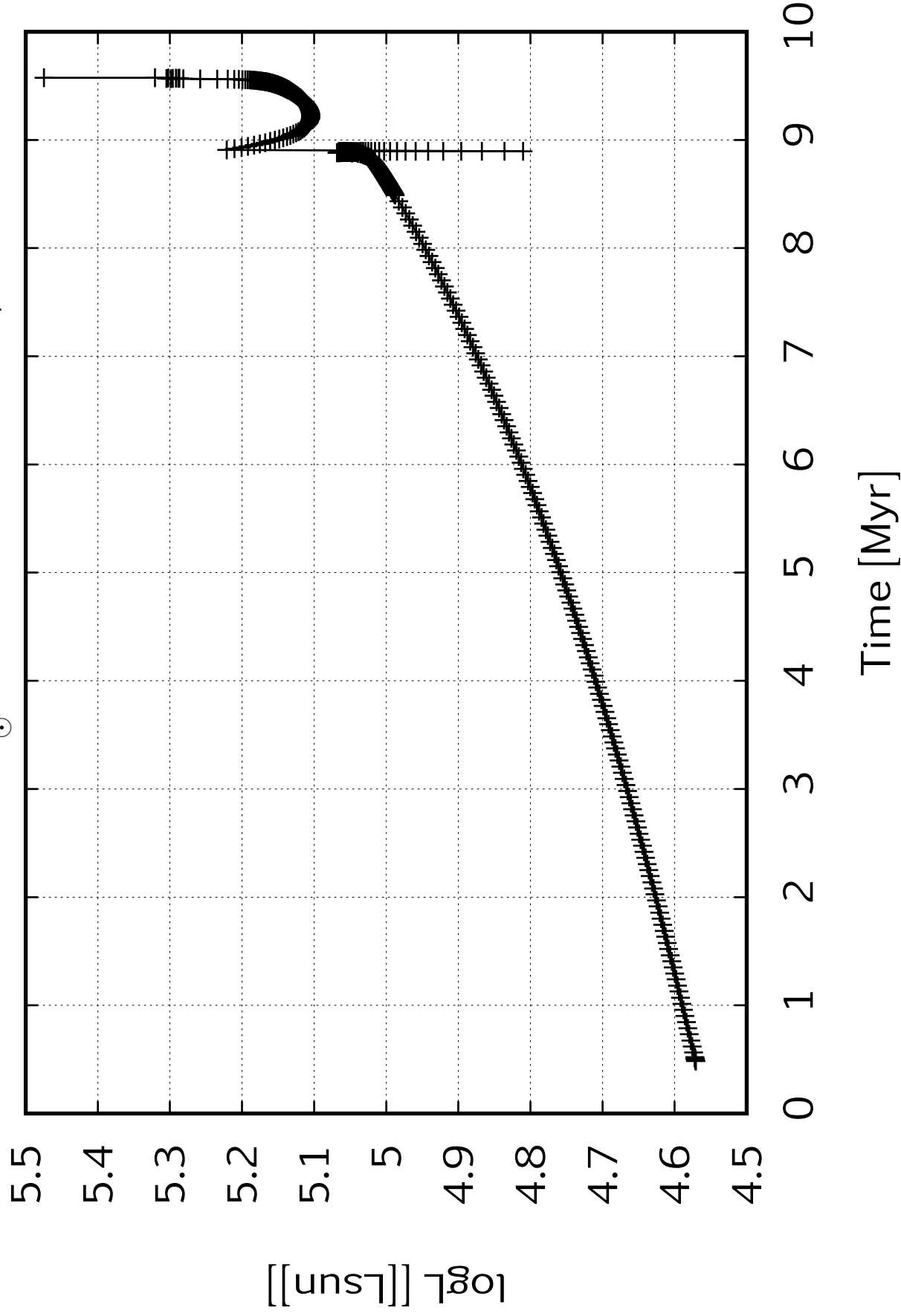


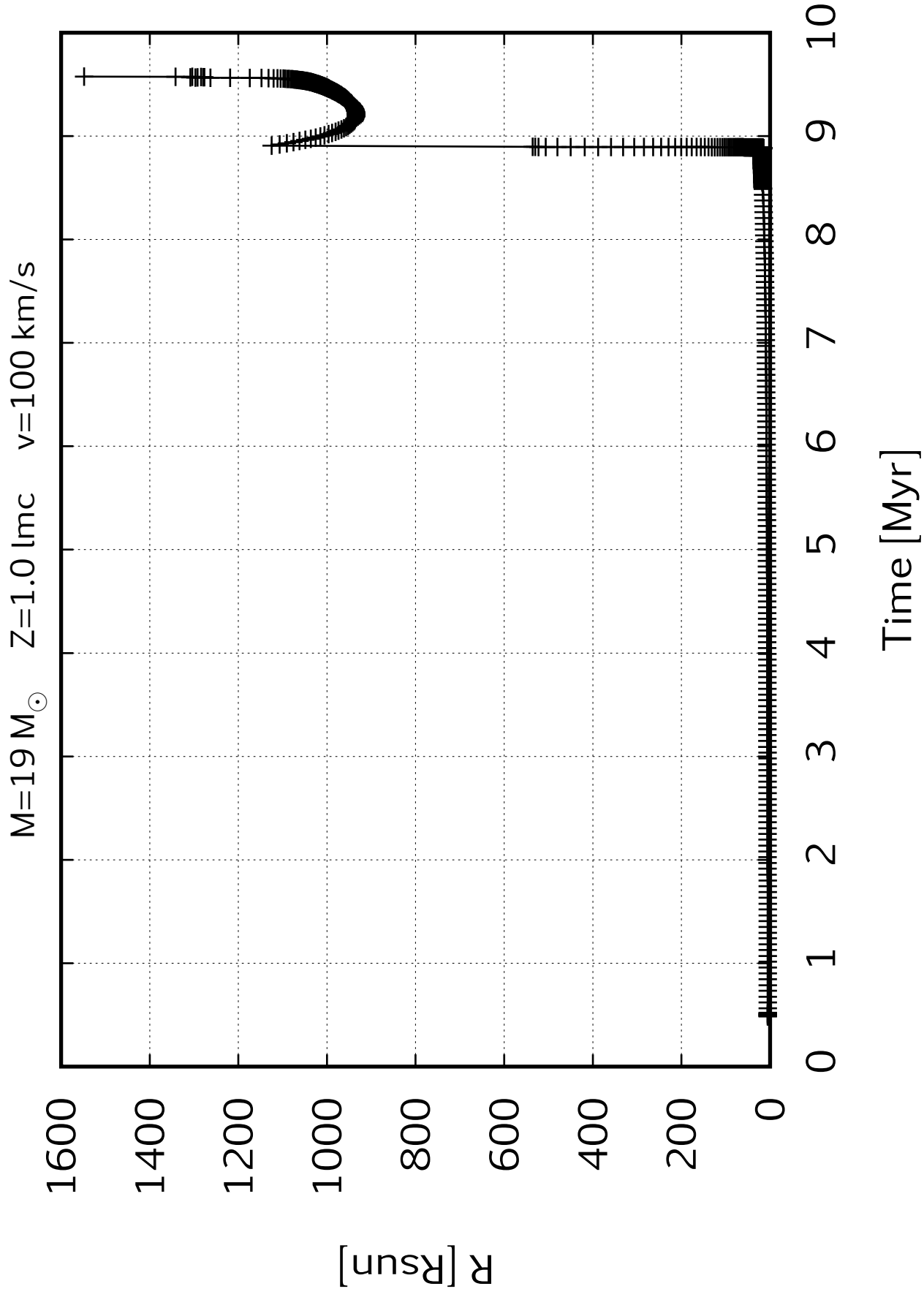


$M=19\,M_{\odot}$ $Z=1.0$ $v=100\text{ km/s}$

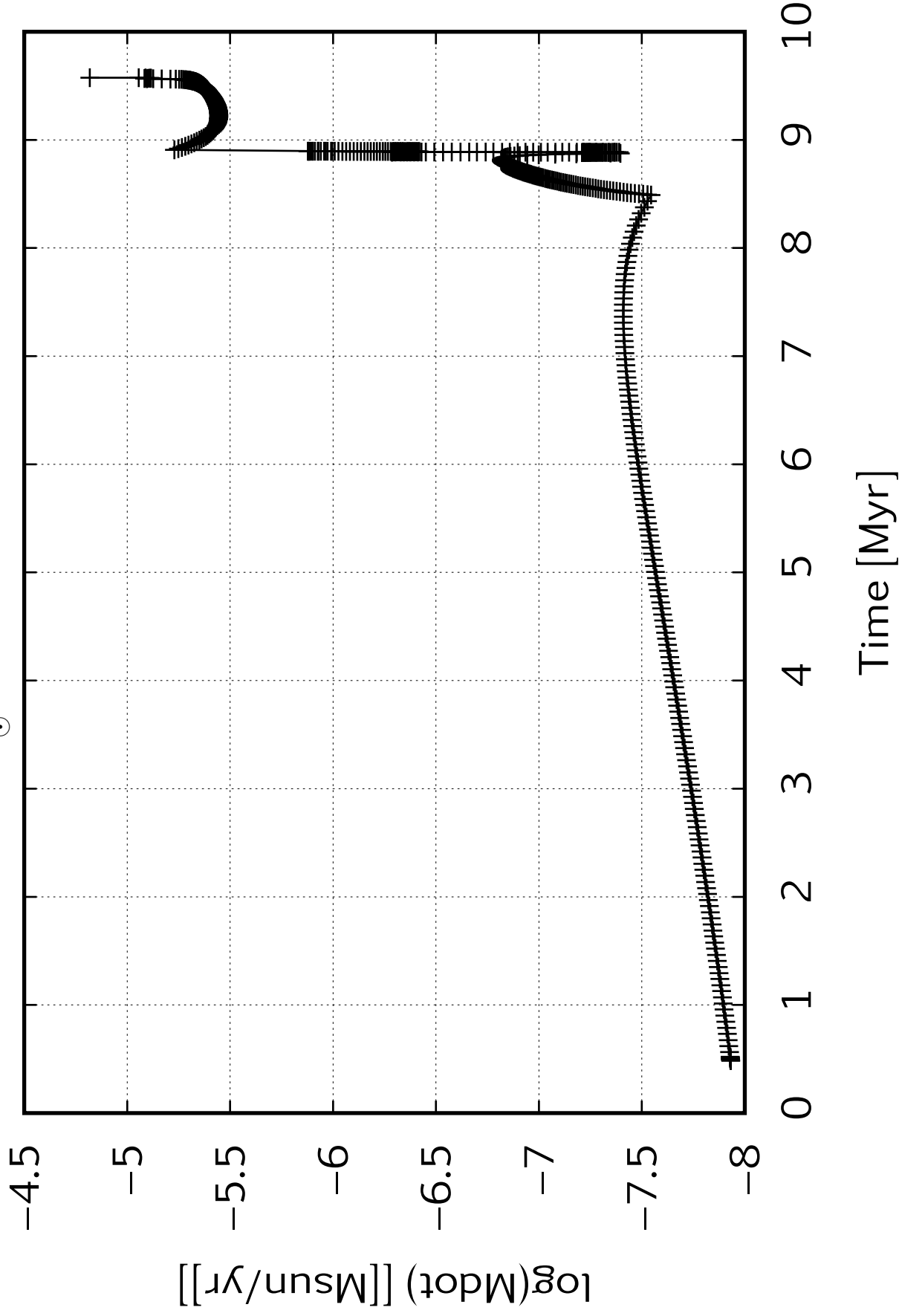


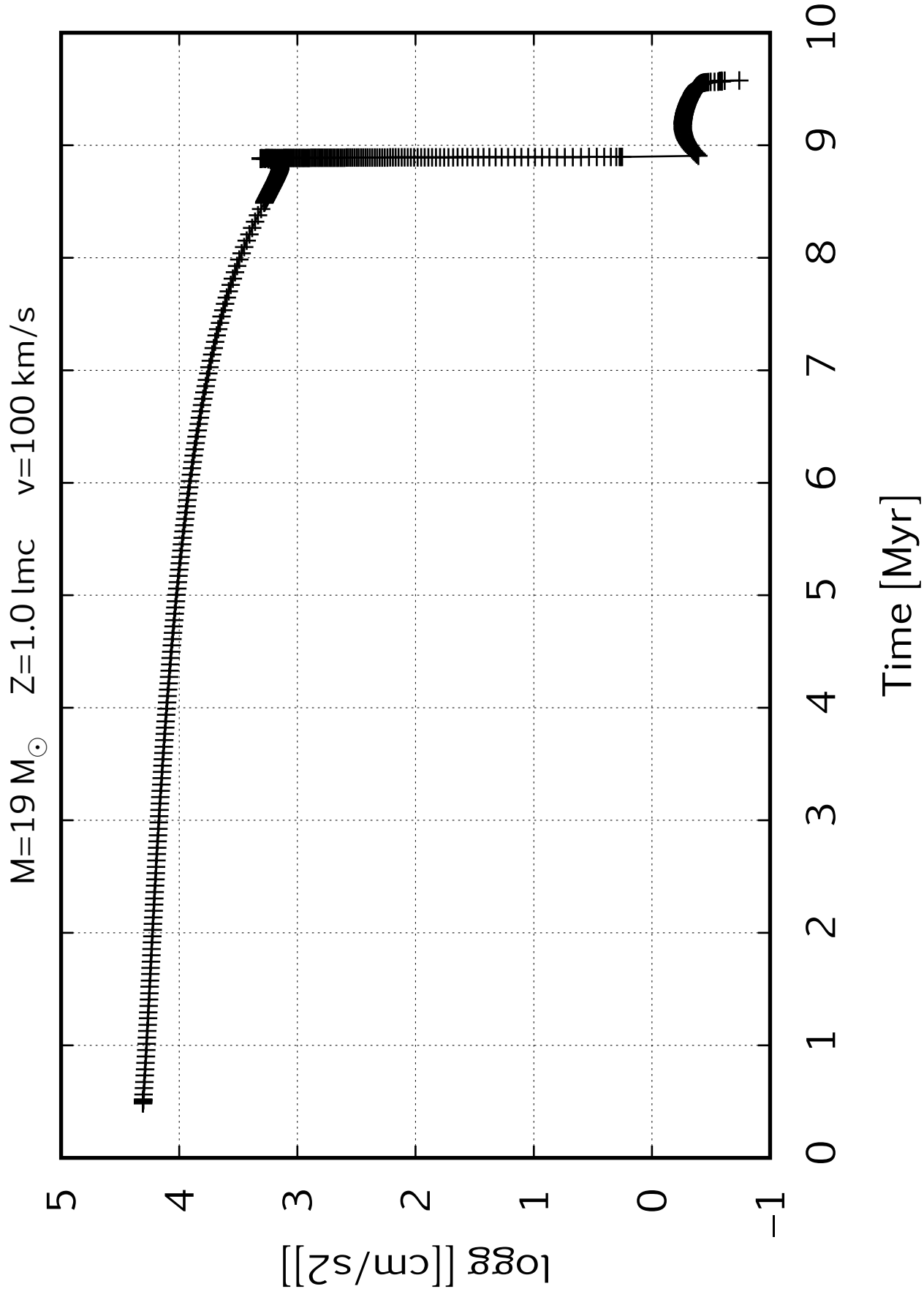
$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

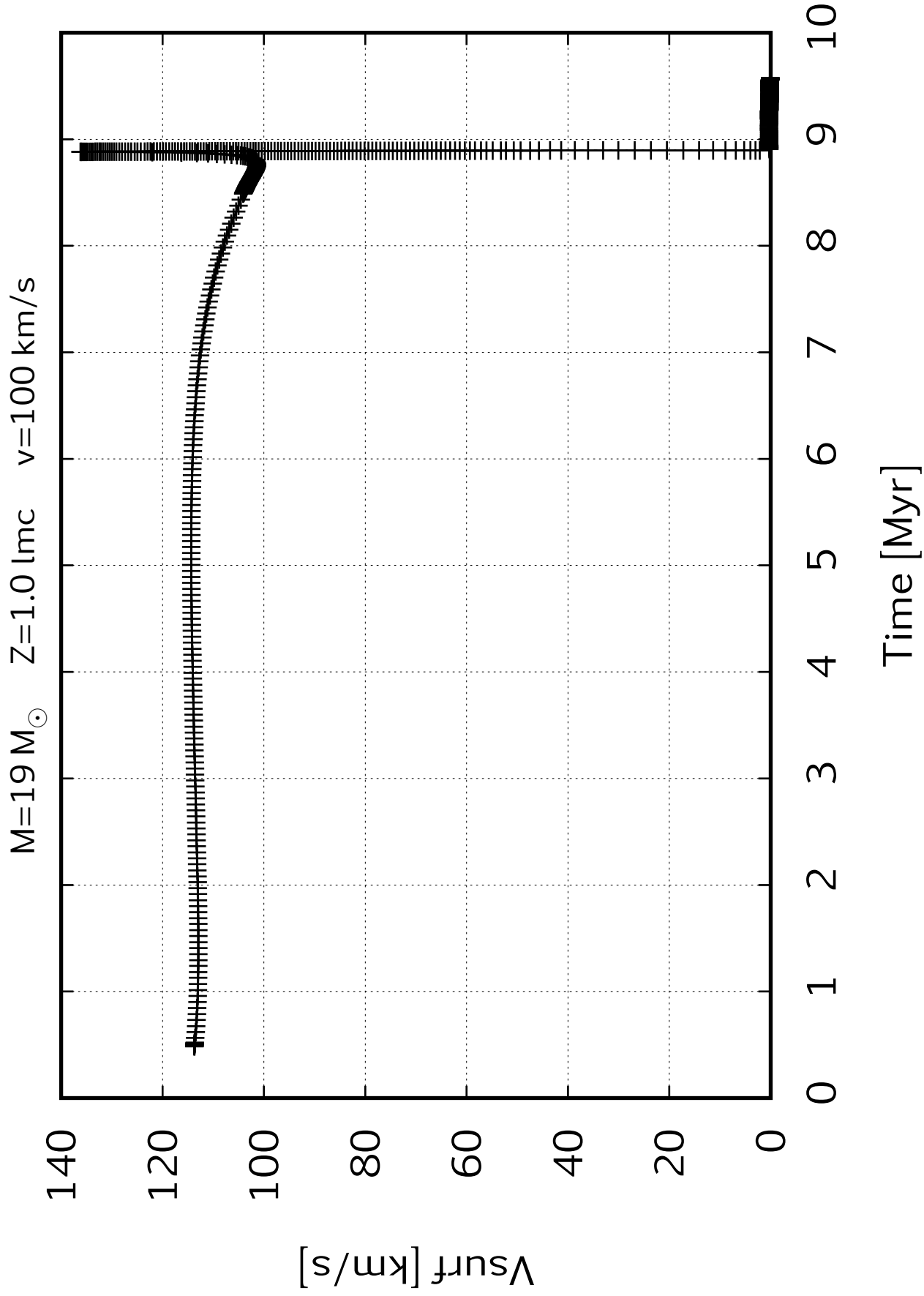




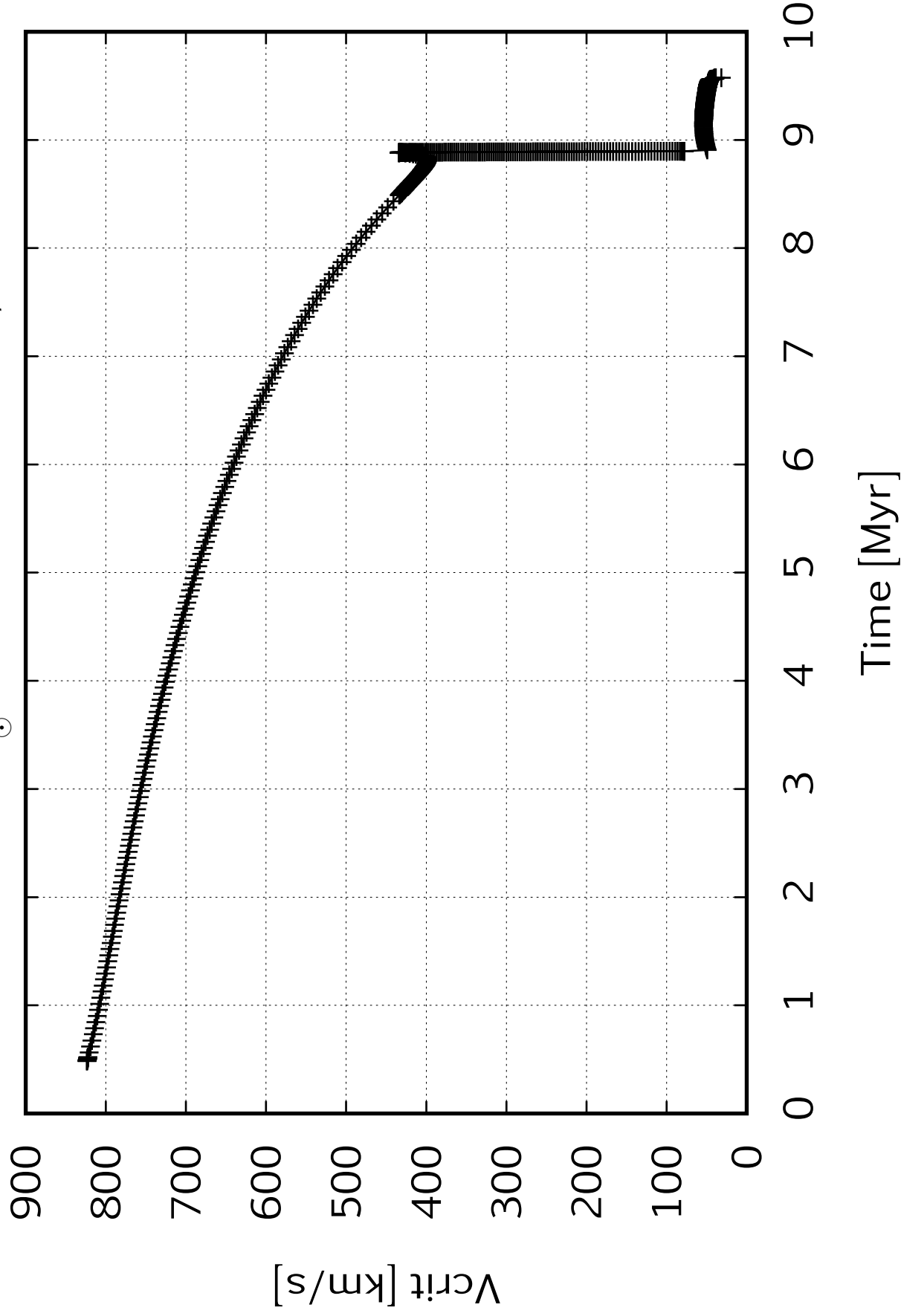
$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s



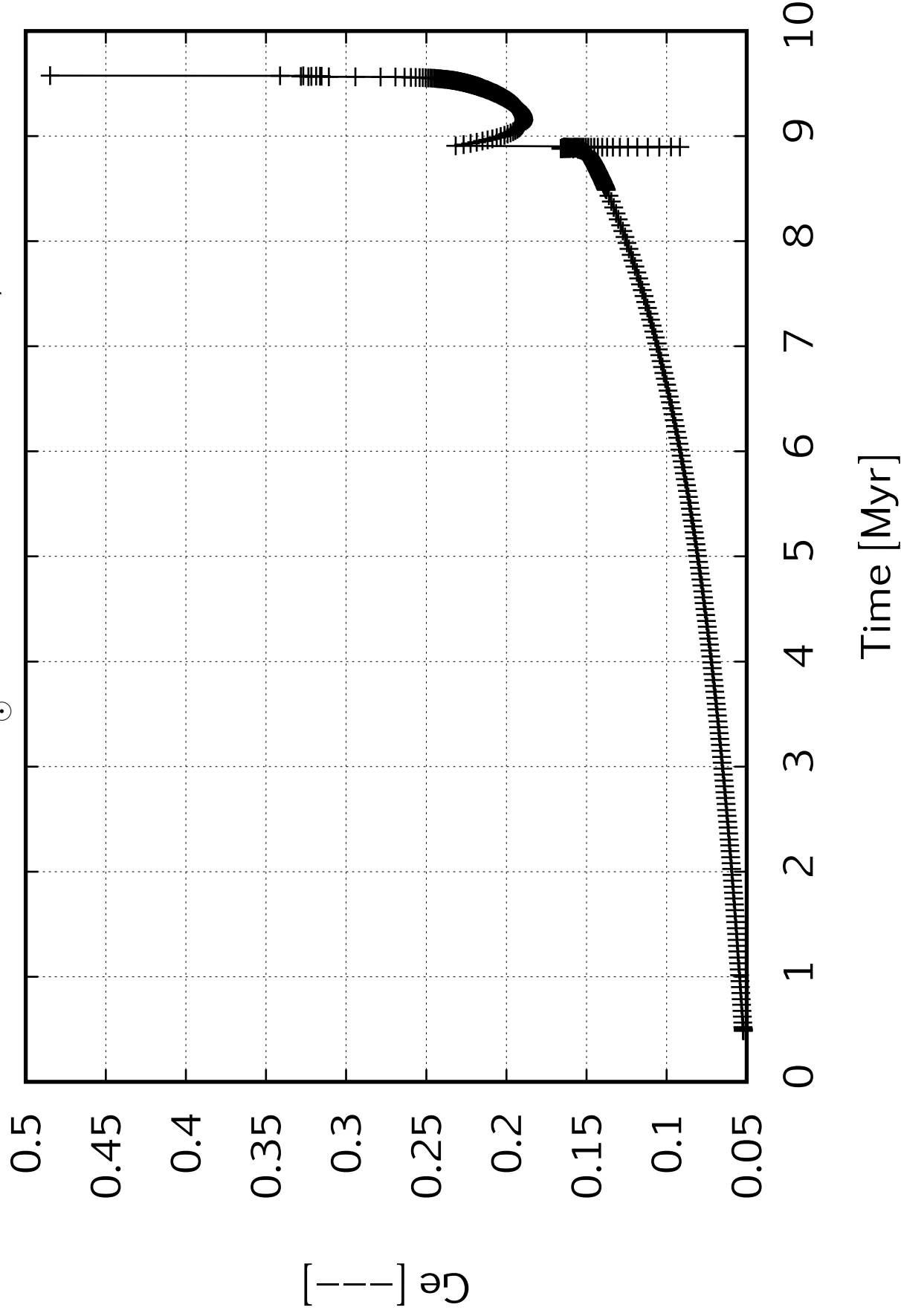




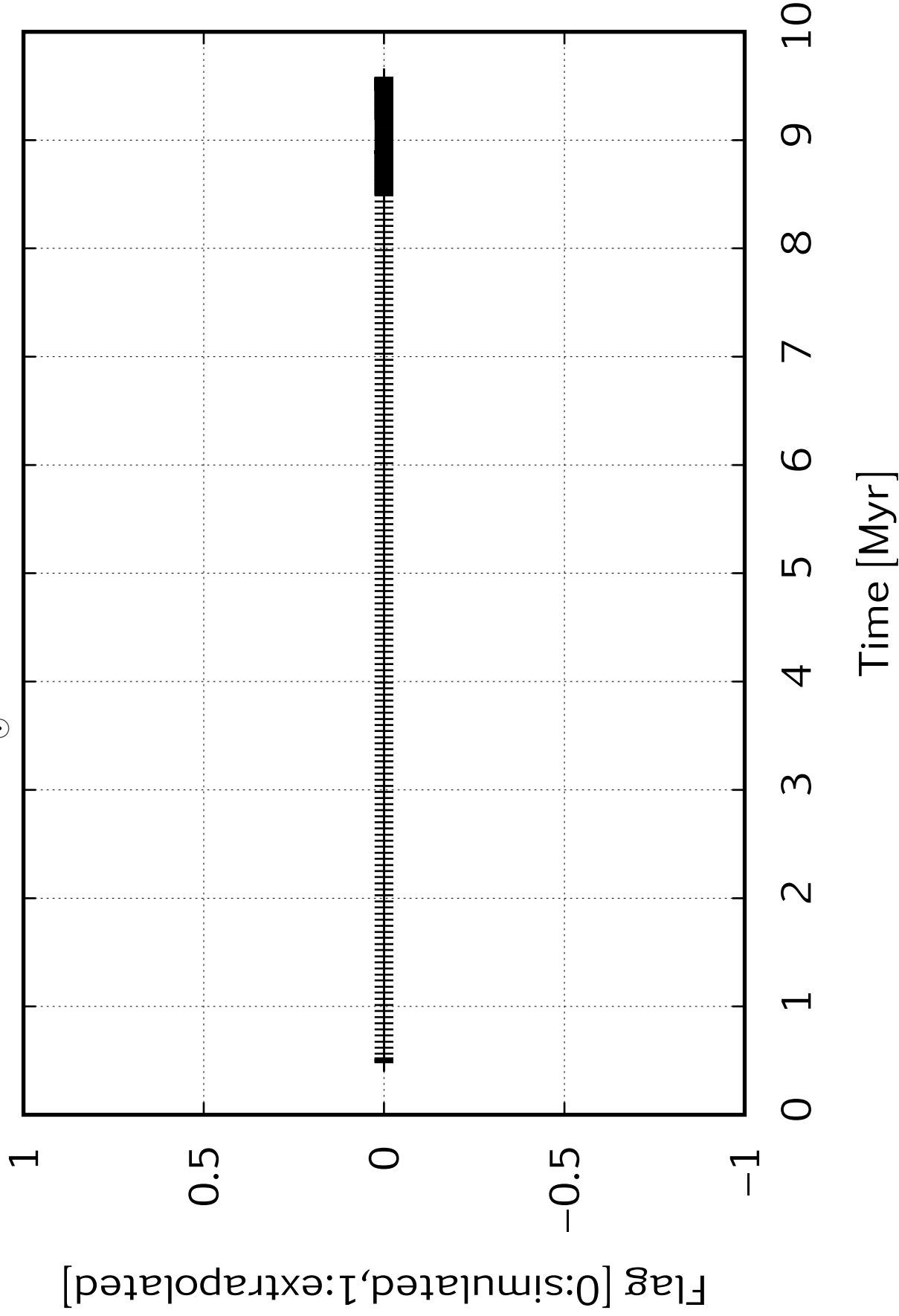
$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s



$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s



$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s



$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

12.15

12.1

12.05

12

11.95

11.9

11.85

$[F - H]_{\text{ps}}$

0

1

2

3

4

5

6

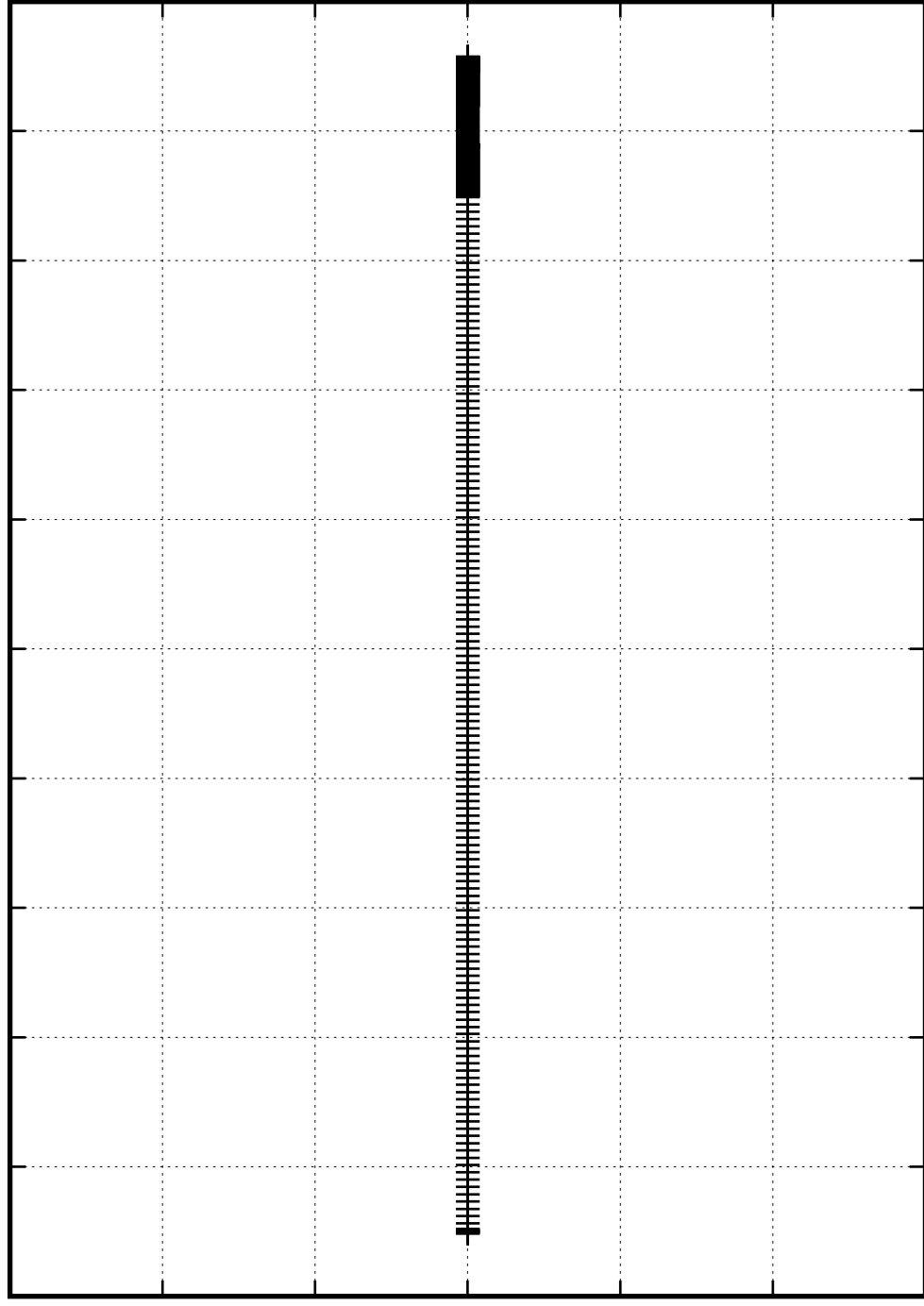
7

8

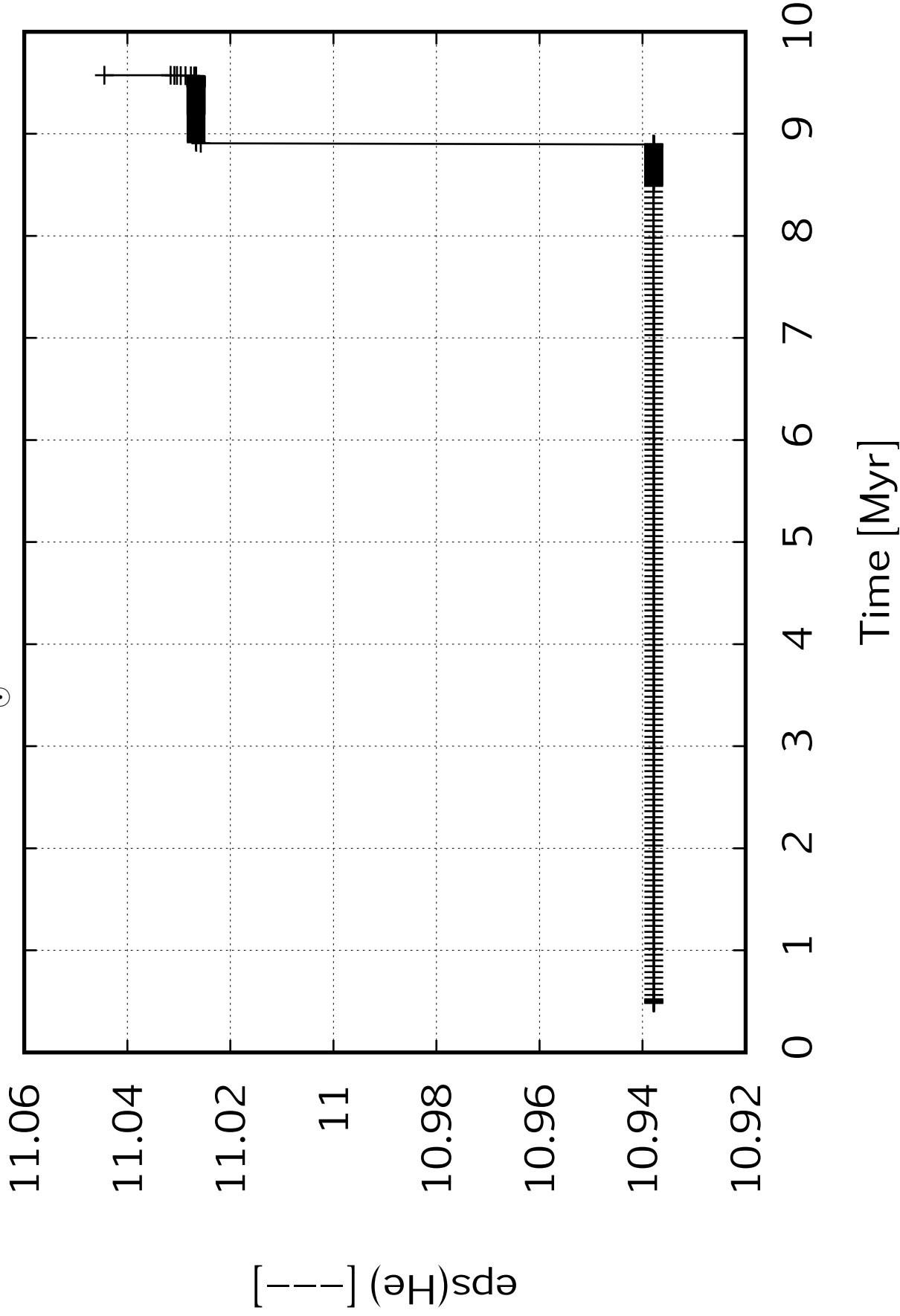
9

10

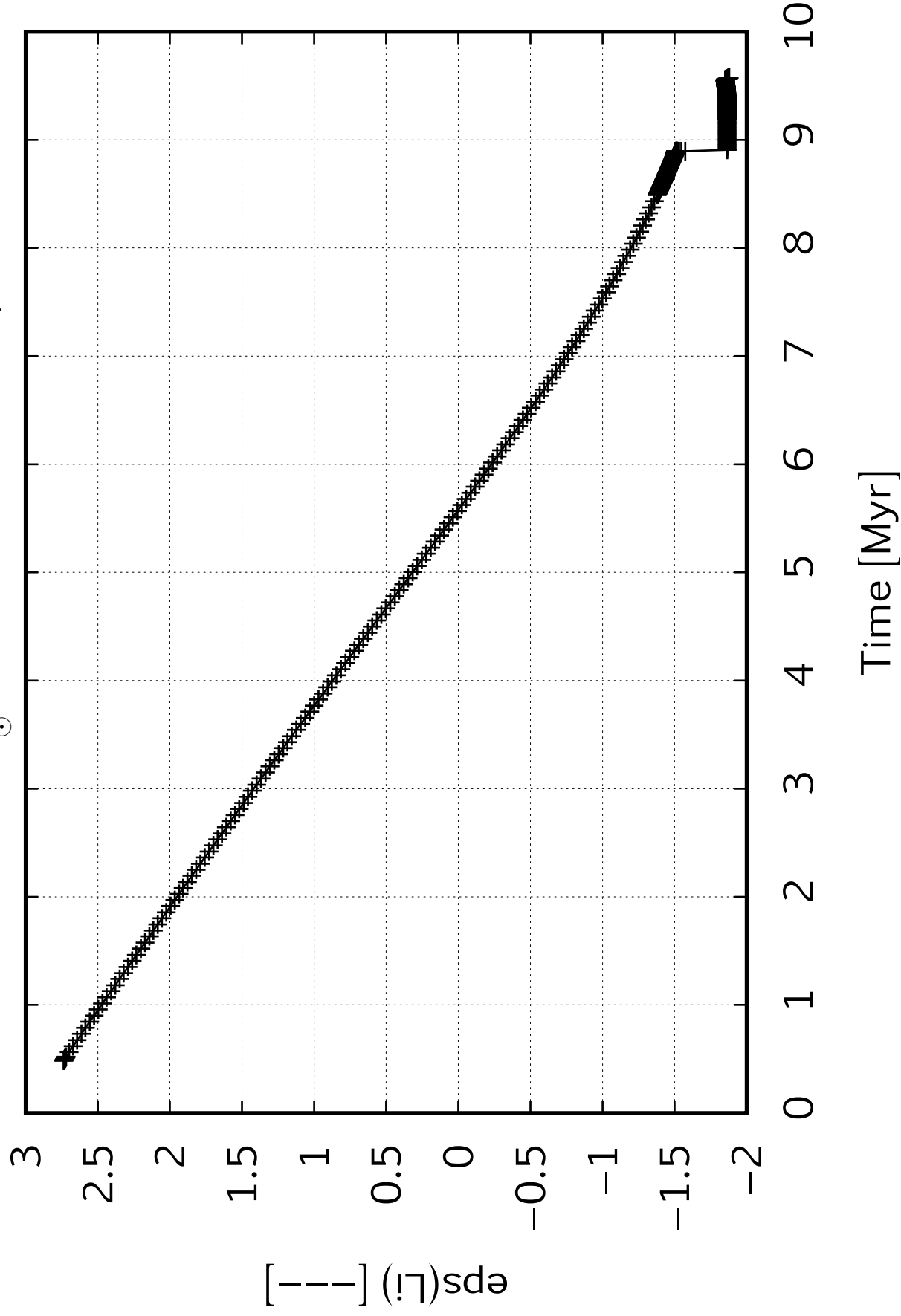
Time [Myr]

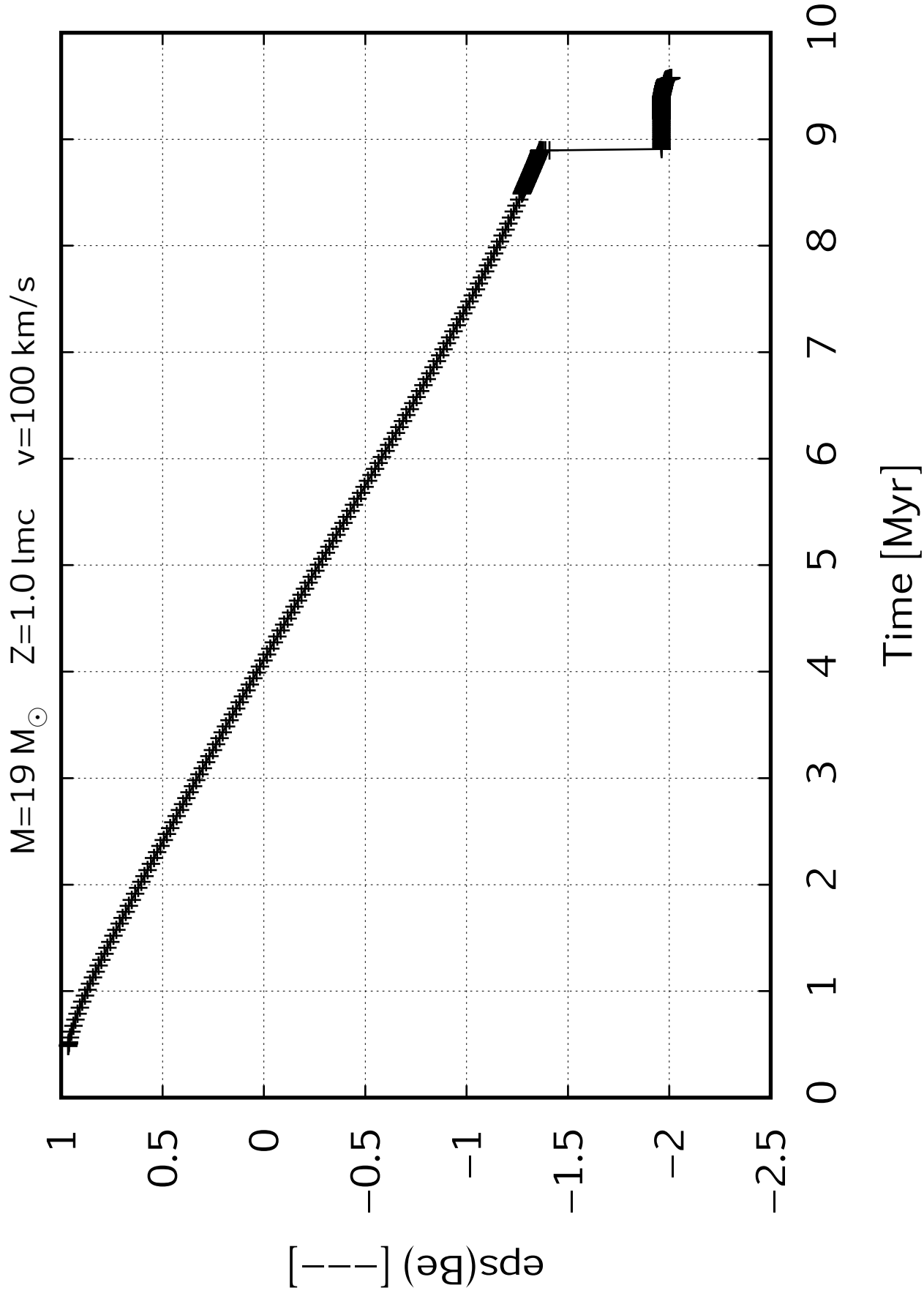


$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

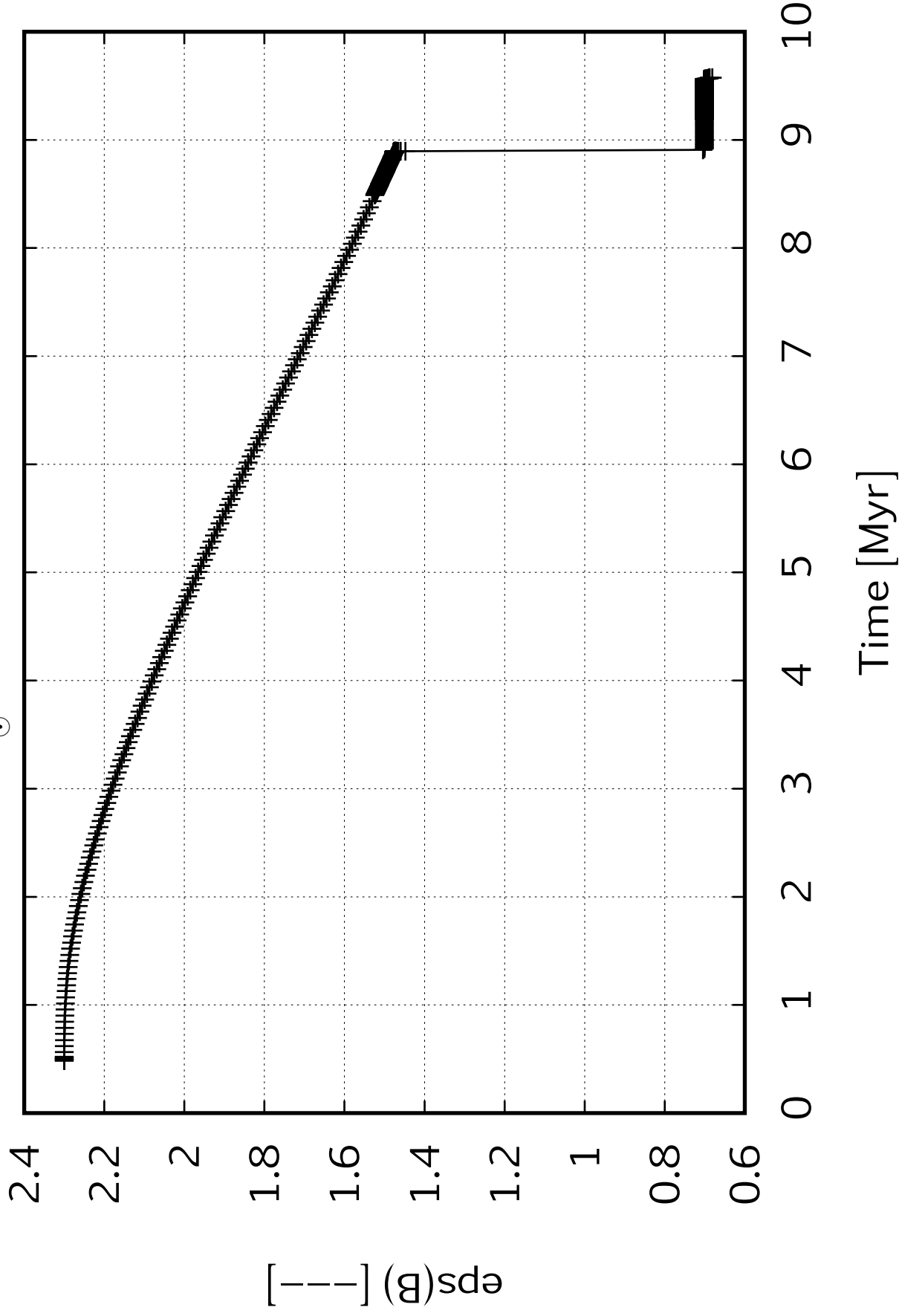


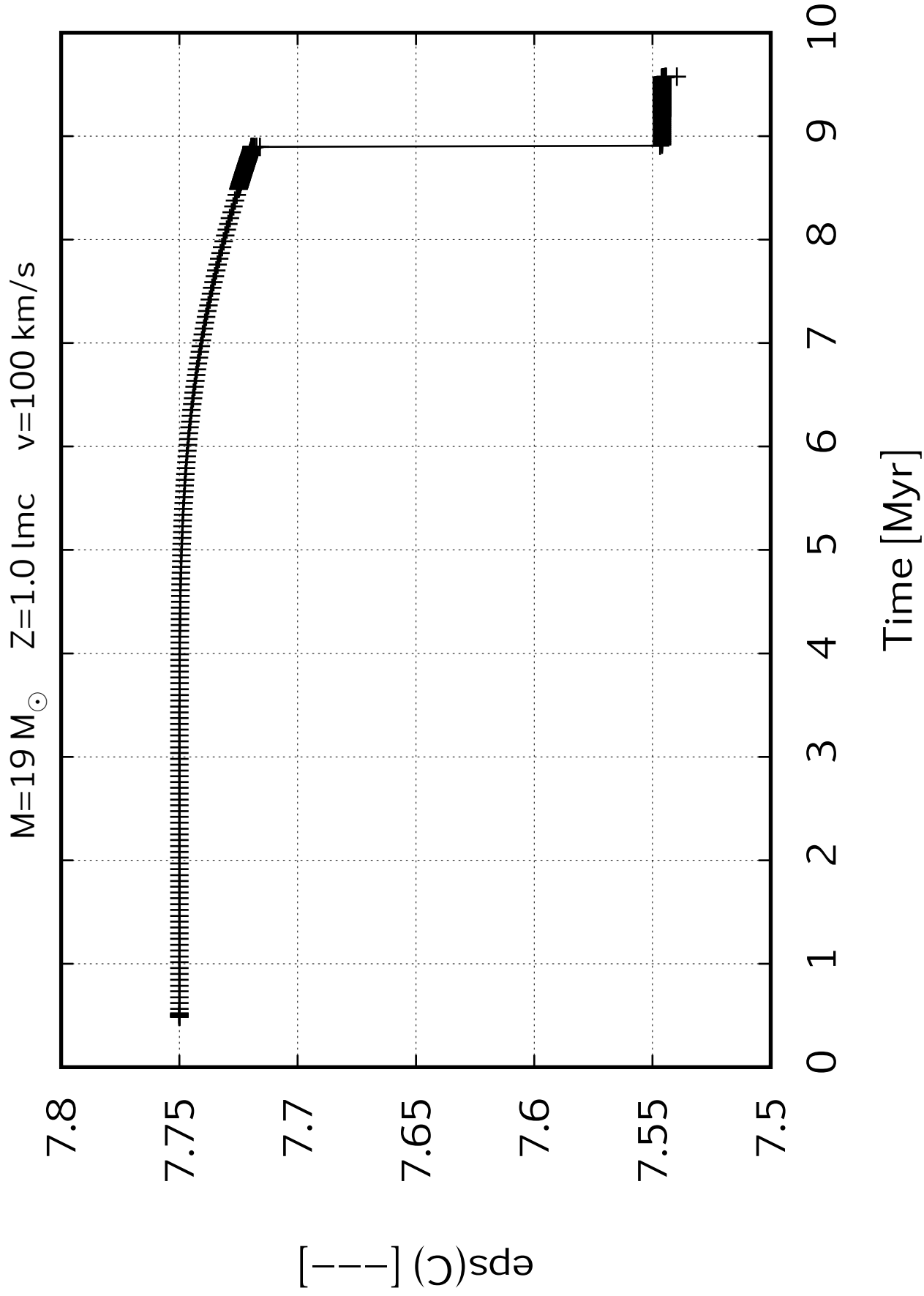
$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

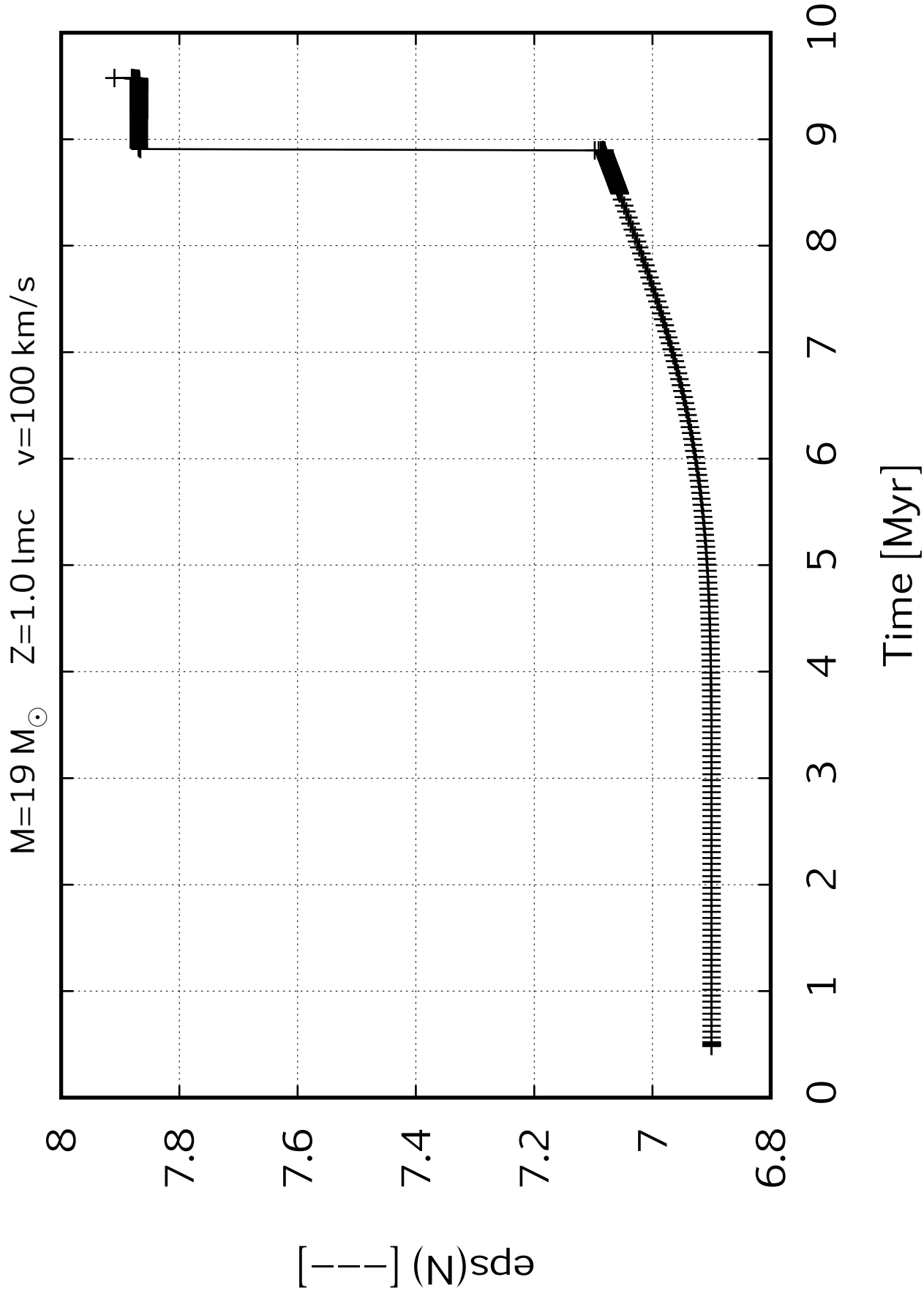




$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s







$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

8.36

8.35

8.34

8.33

8.32

8.31

8.3

8.29

8.28

$[O/H]$

0

1

2

3

4

5

6

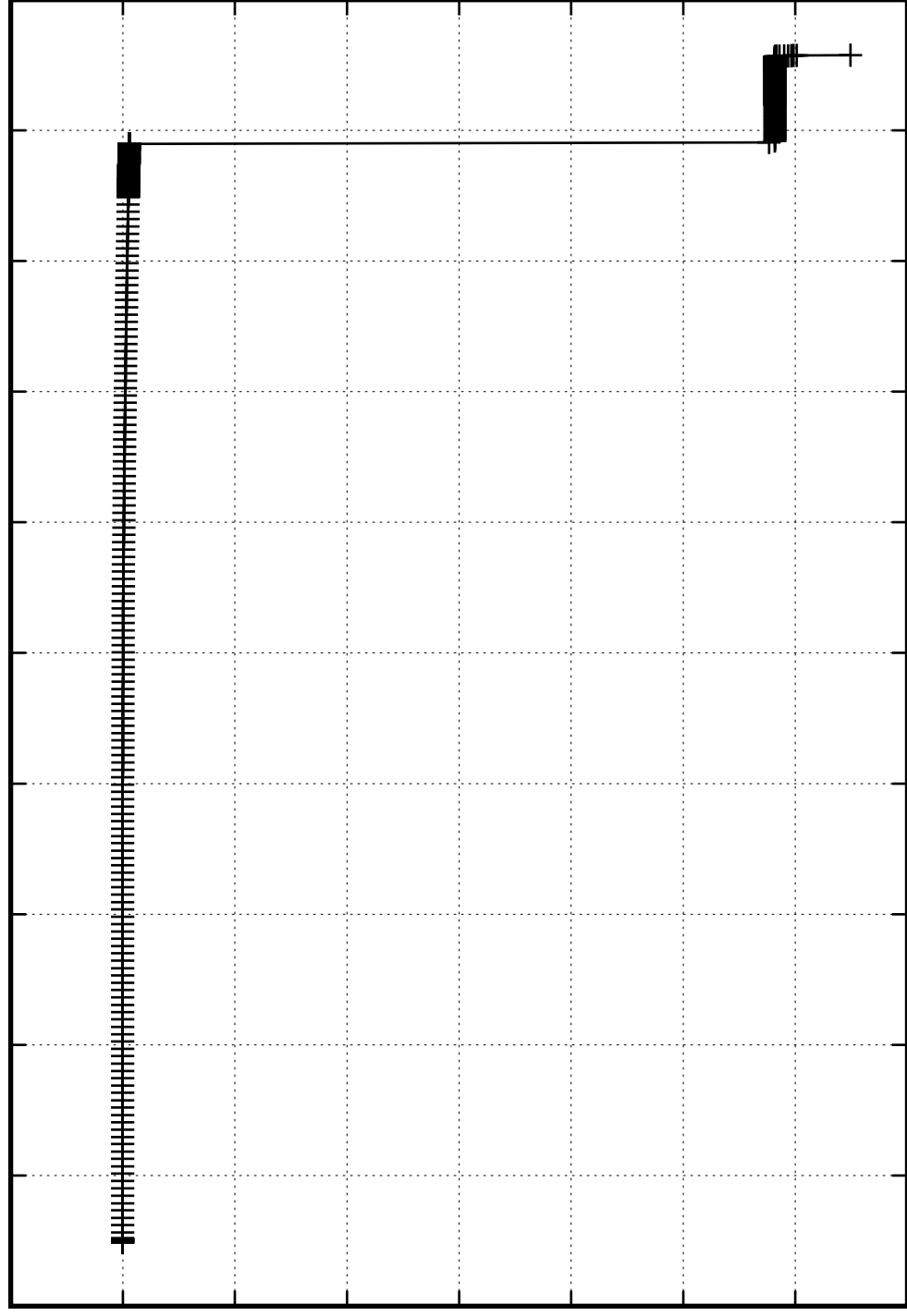
7

8

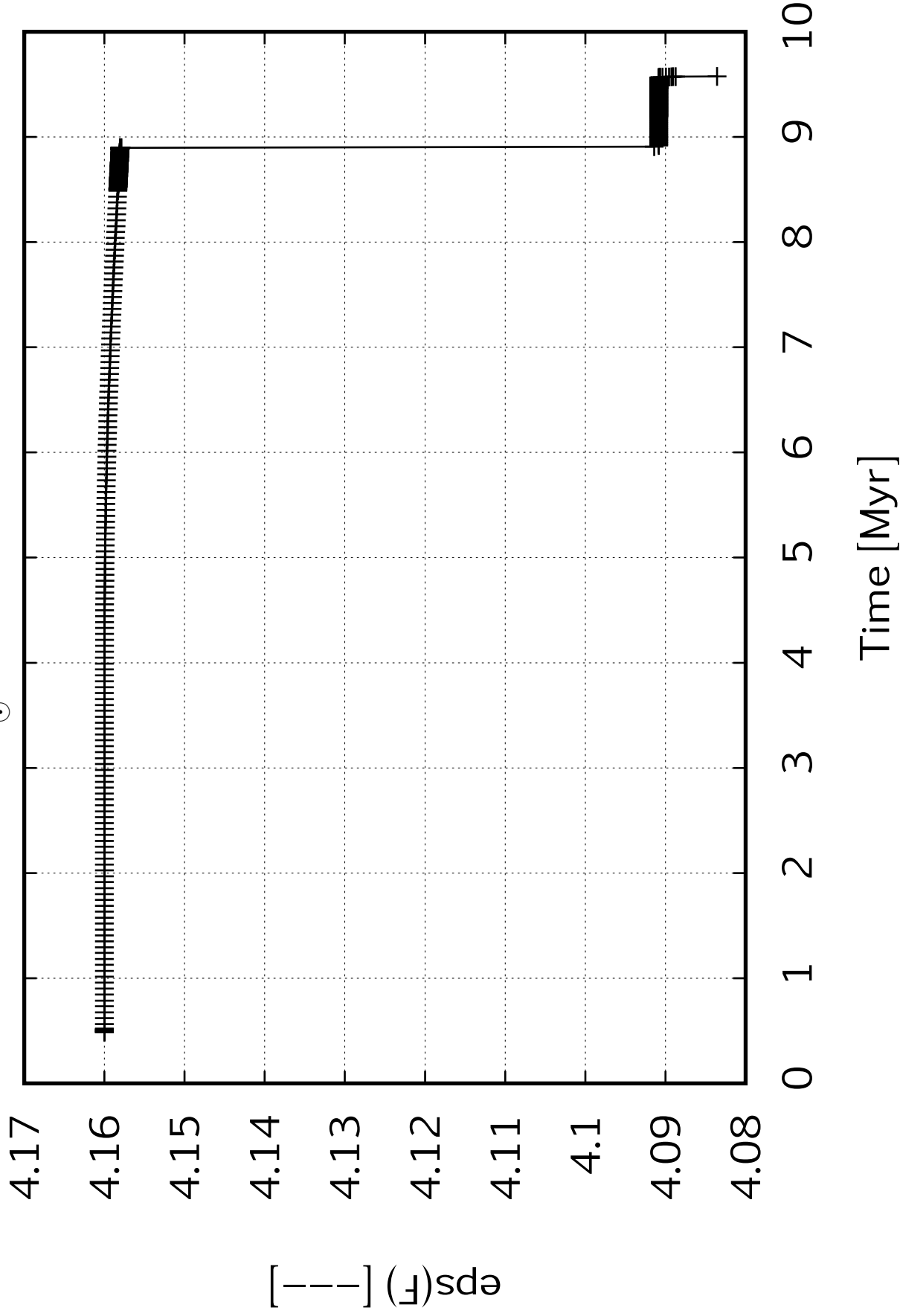
9

10

Time [Myr]



$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s



$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

7.465

7.46

7.455

7.45

7.445

7.44

7.435

$[\text{---}]$ $\epsilon_{\text{ps}}(\text{Ne})$ $[\text{---}]$

0

1

2

3

4

5

6

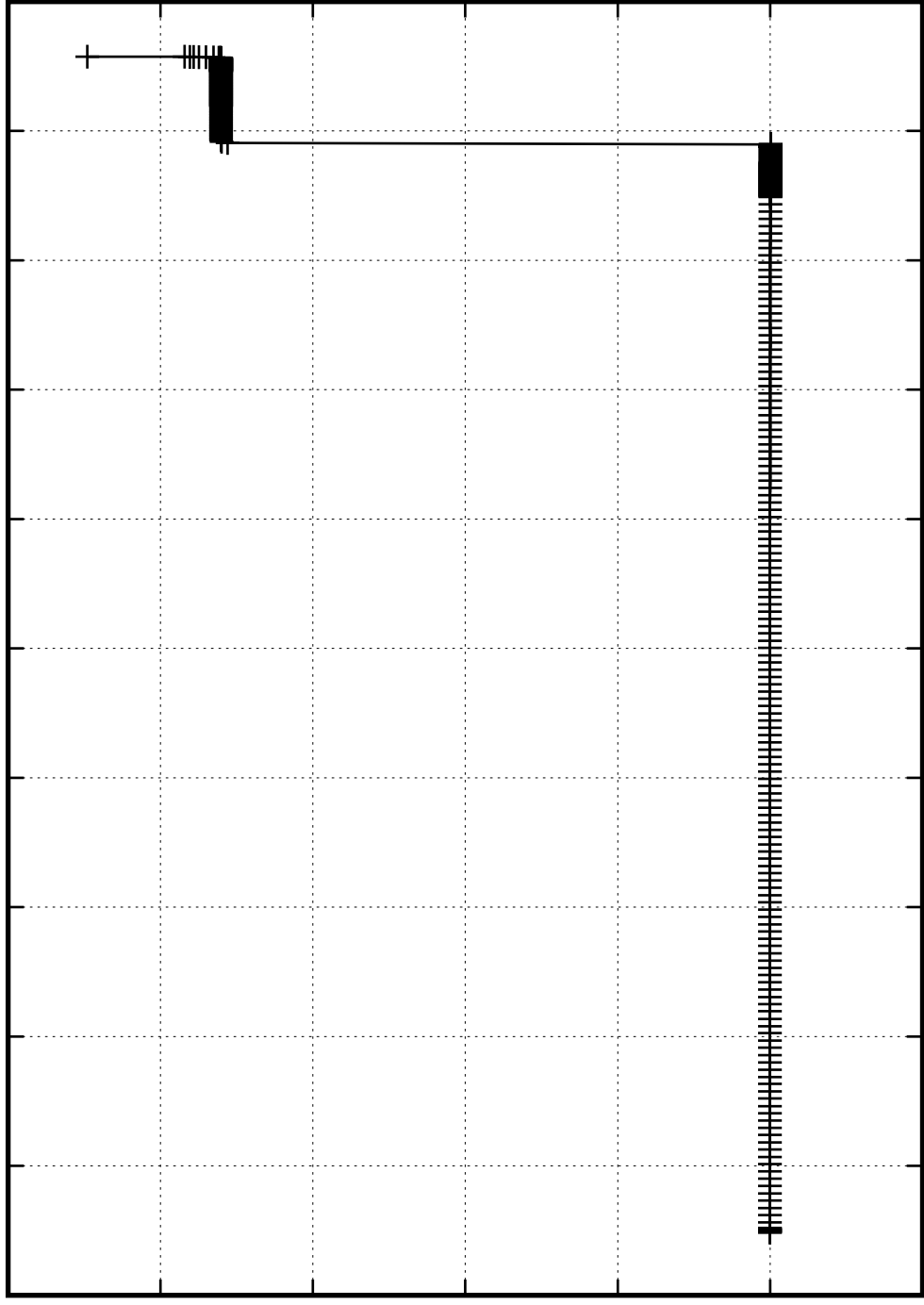
7

8

9

10

Time [Myr]



$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

6.1

6.05

6

5.95

5.9

5.85

5.8

5.75

$\epsilon_{\text{ps}}(\text{Na})$

0

1

2

3

4

5

6

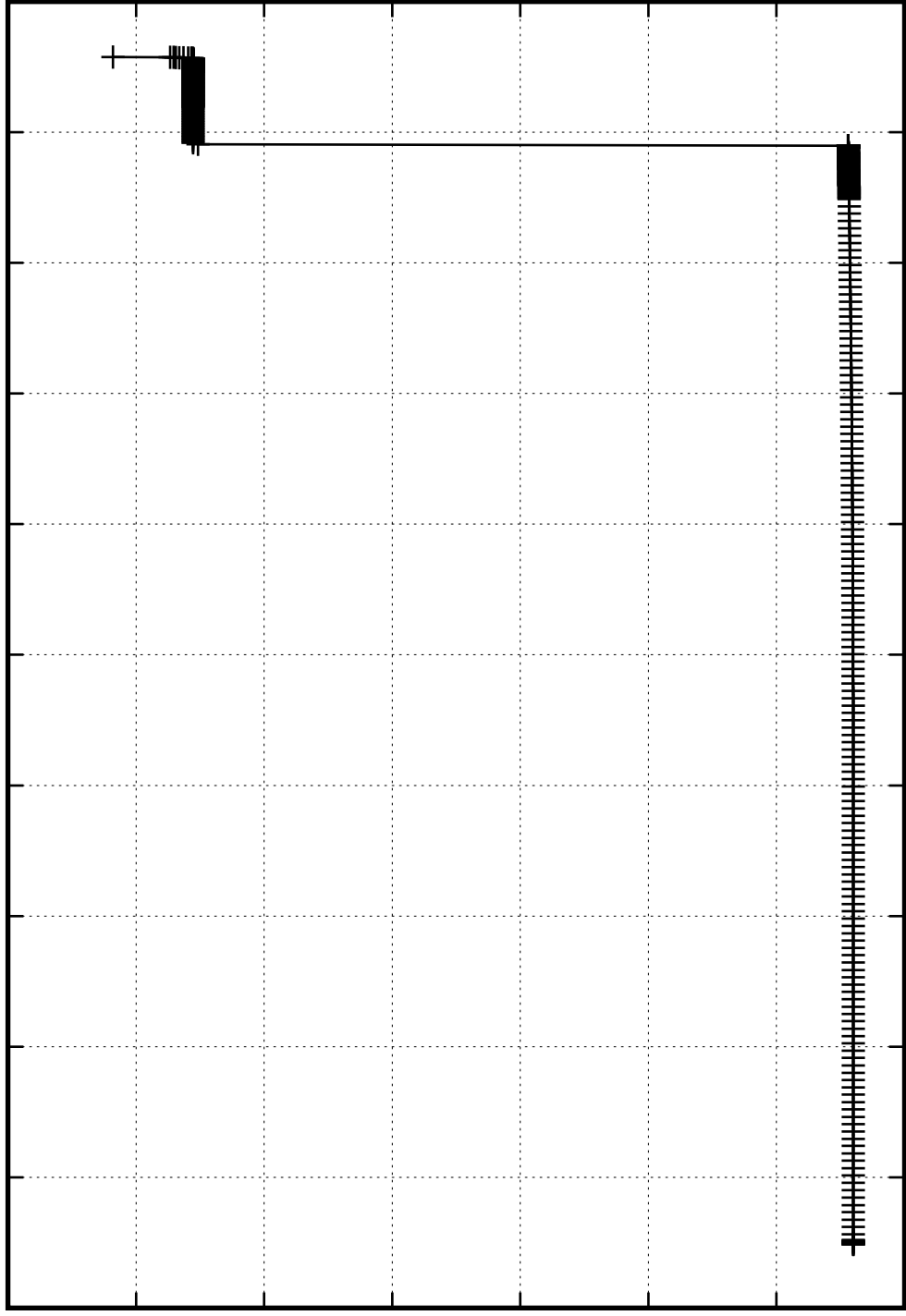
7

8

9

10

Time [Myr]



$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

7.08

7.075

7.07

7.065

7.06

7.055

7.05

$\epsilon_{\text{ps}}(M_{\text{g}})$ [—]

0

1

2

3

4

5

6

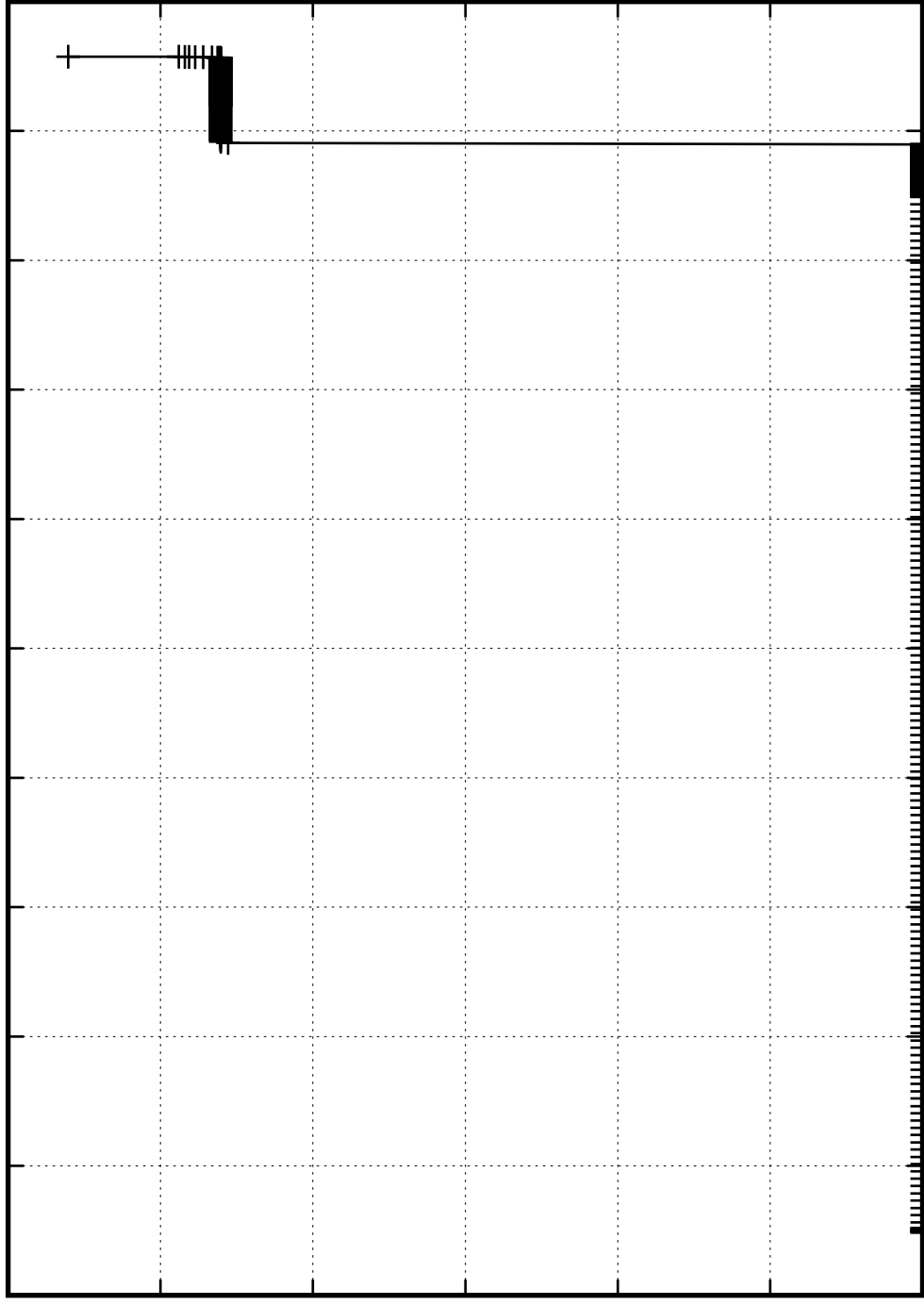
7

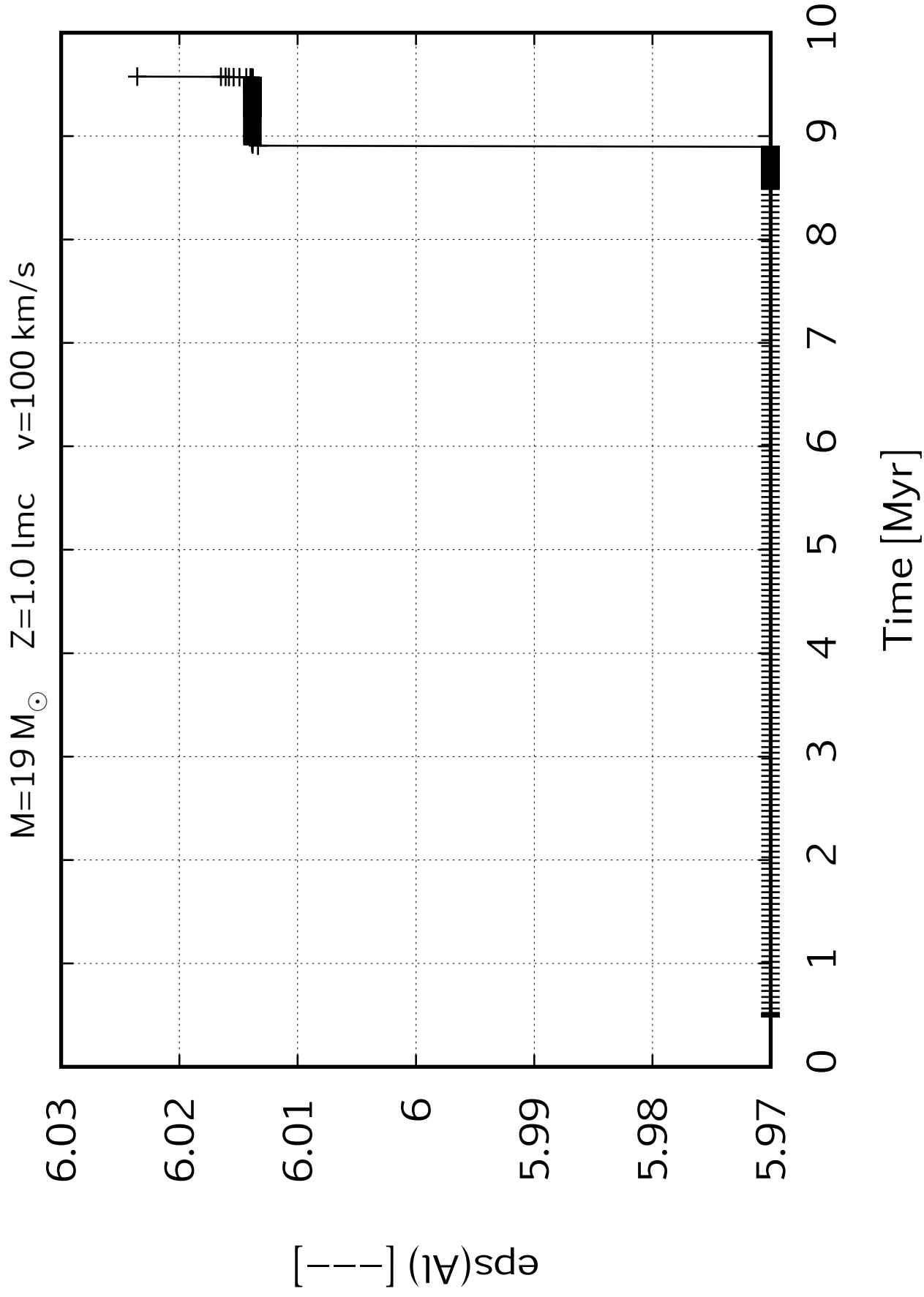
8

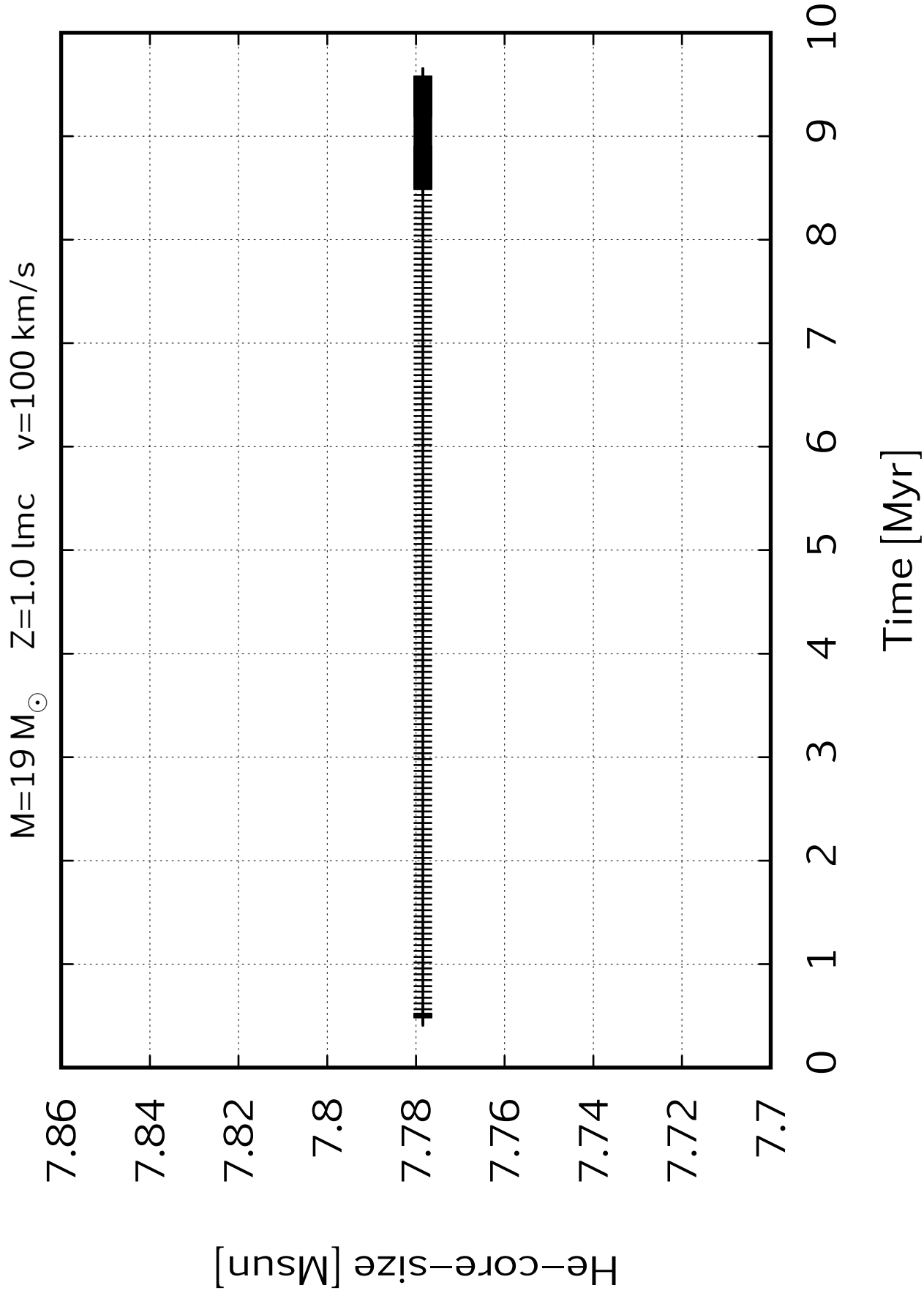
9

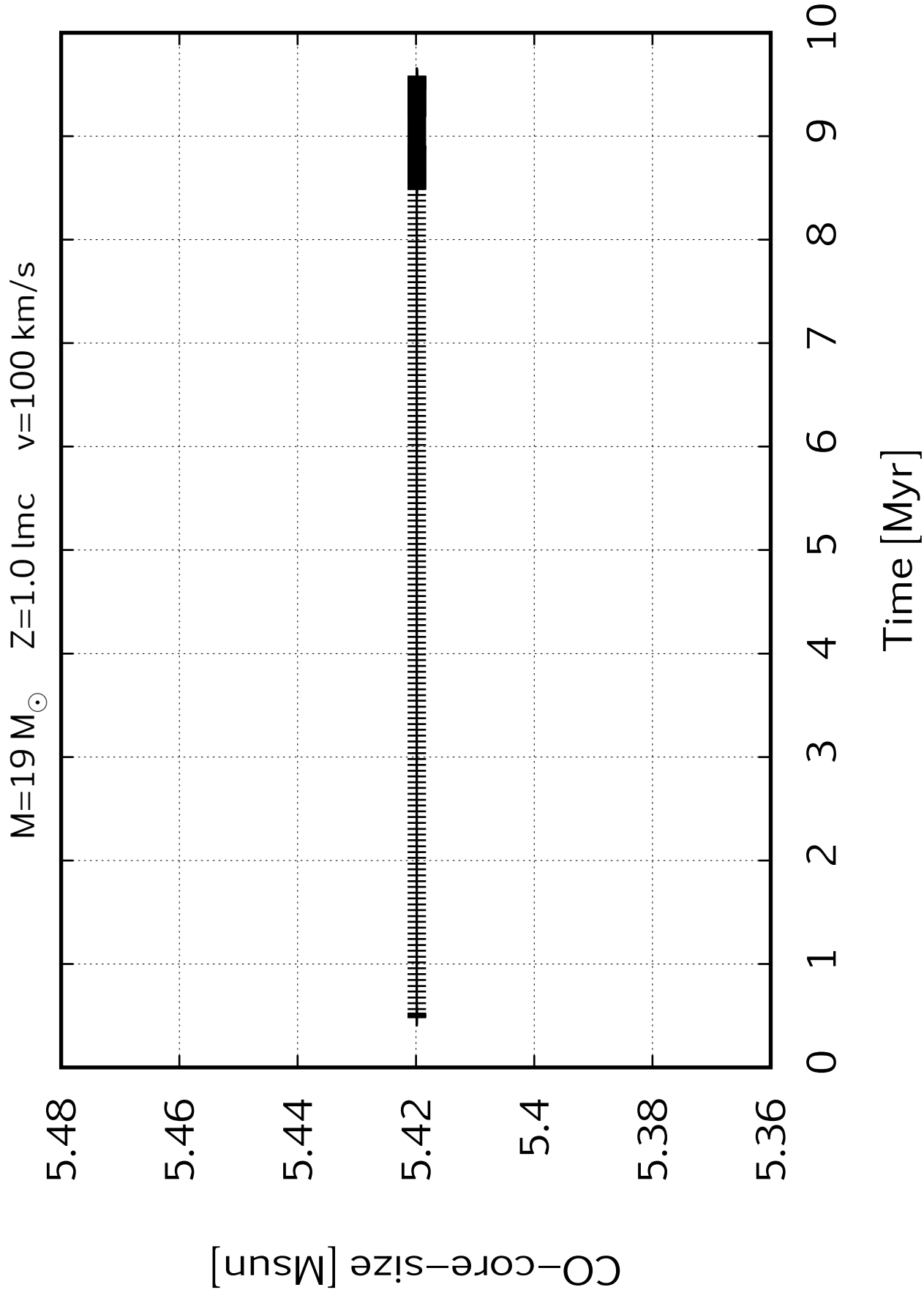
10

Time [Myr]









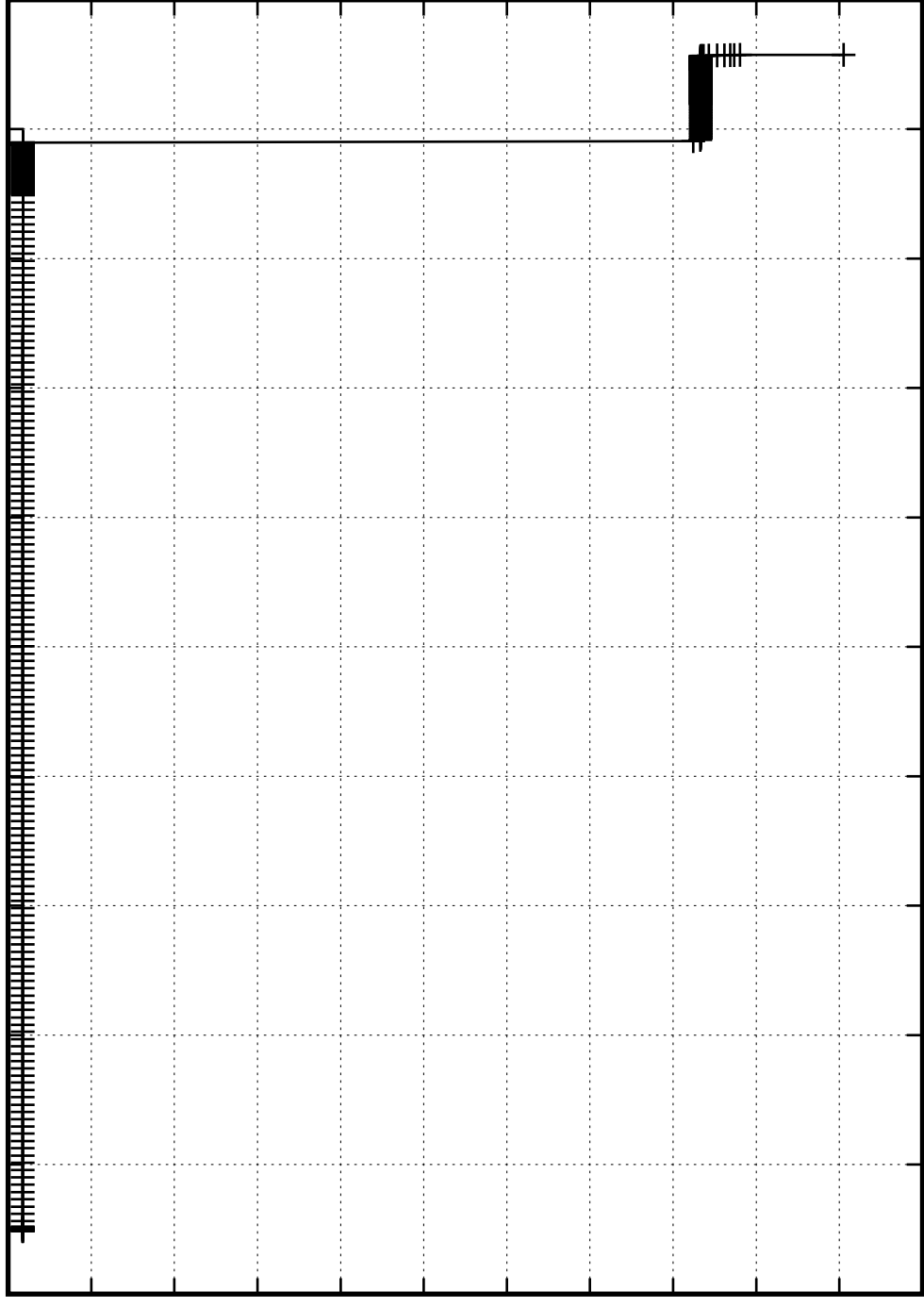
$M=19\,M_{\odot}$ $Z=1.0$ $v=100\,\text{km/s}$

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

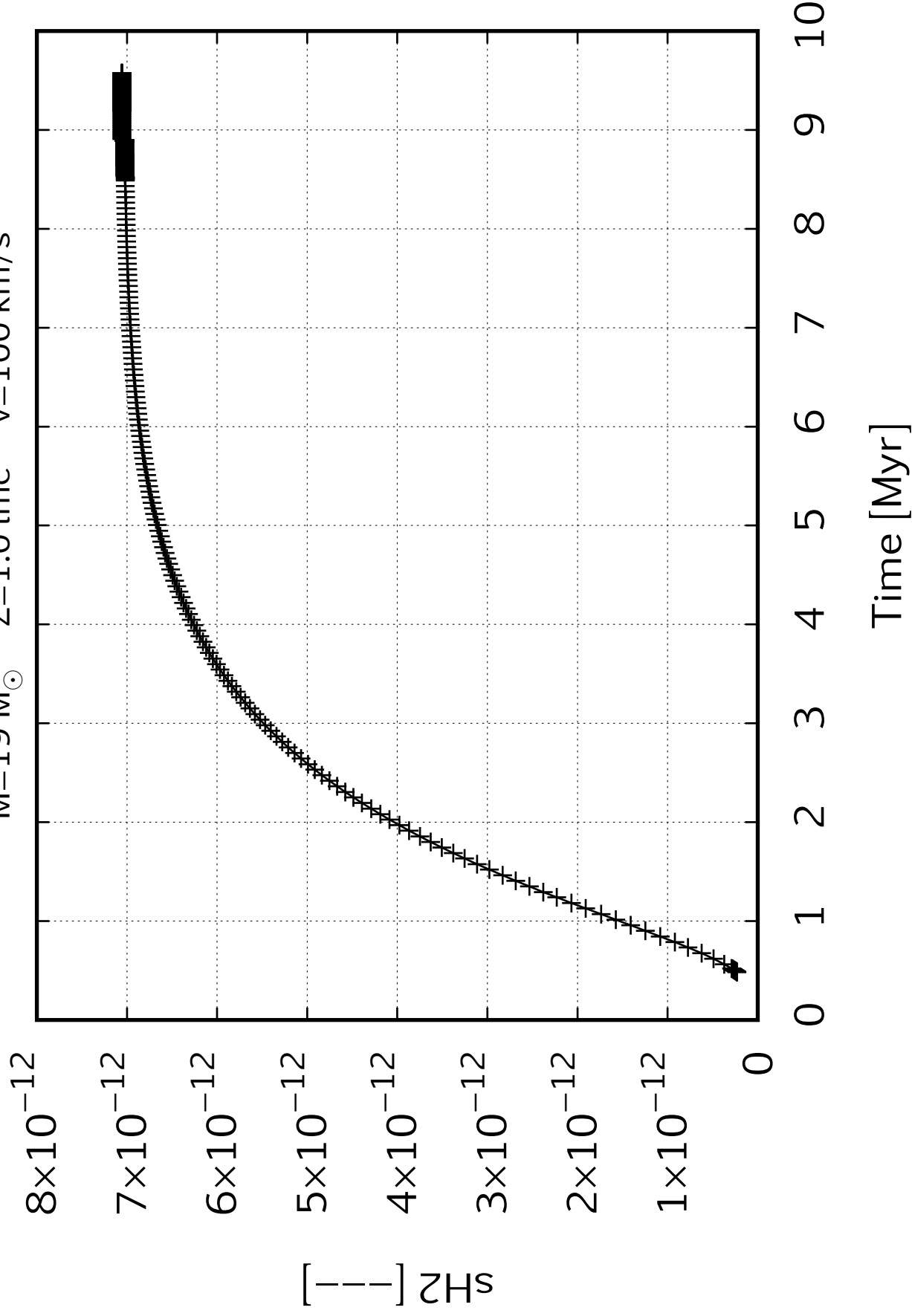
0.74
0.735
0.73
0.725
0.72
0.715
0.71
0.705
0.7
0.695
0.69
0.685

0 1 2 3 4 5 6 7 8 9 10

Time [Myr]



$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s



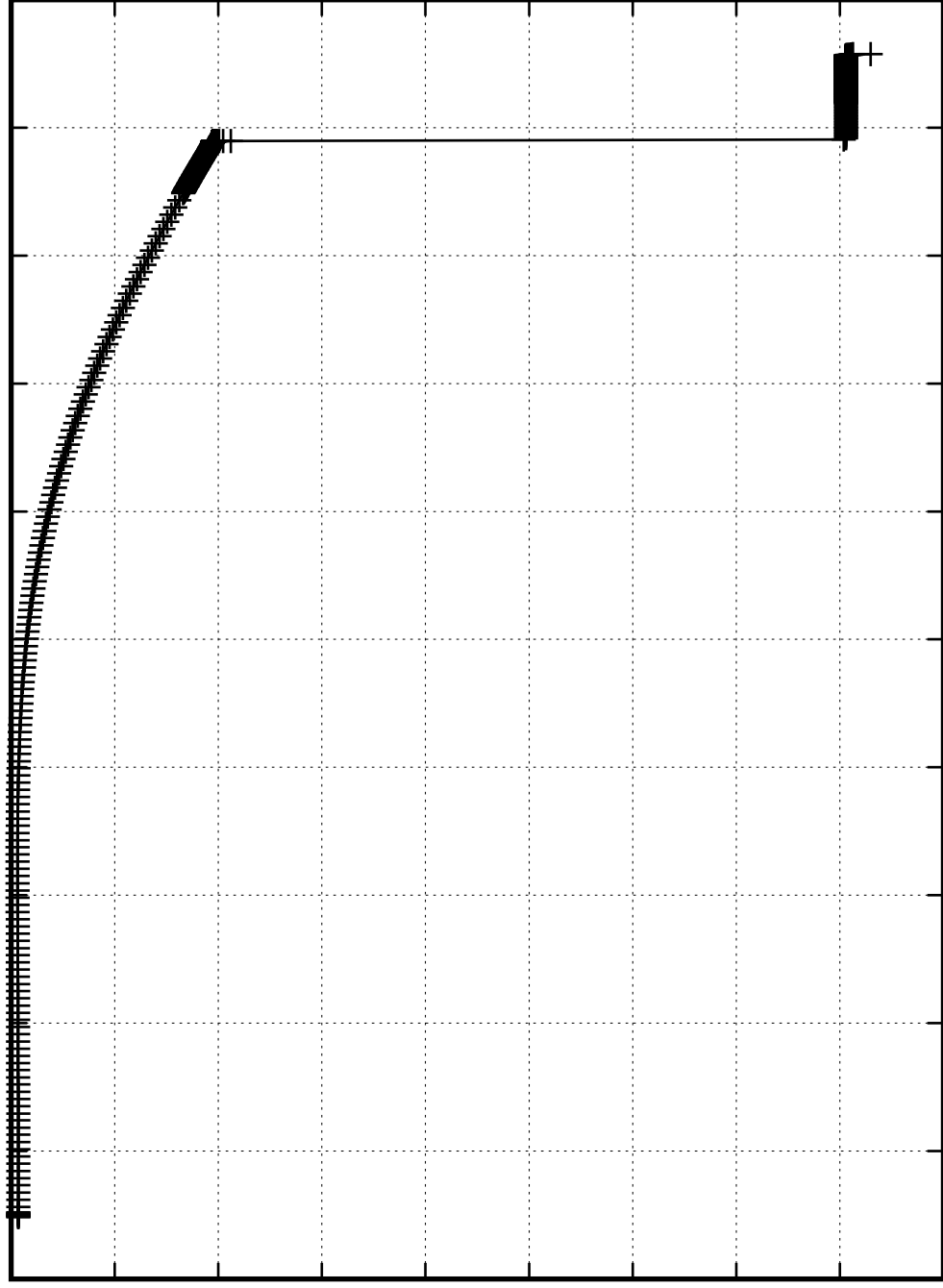
$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

$[\text{He III}]$

0.00003
0.00003
0.00003
0.00003
0.00002
0.00002
0.00002
0.00002
0.00002
0.00001

0 1 2 3 4 5 6 7 8 9 10

Time [Myr]



$M=19\,M_{\odot}$ $Z=1.0$ $v=100\,\text{km/s}$

0.31

0.305

0.3

0.295

0.29

0.285

0.28

0.275

0.27

0.265

0.26

0.255

$[\text{He4}]$

0

1

2

3

4

5

6

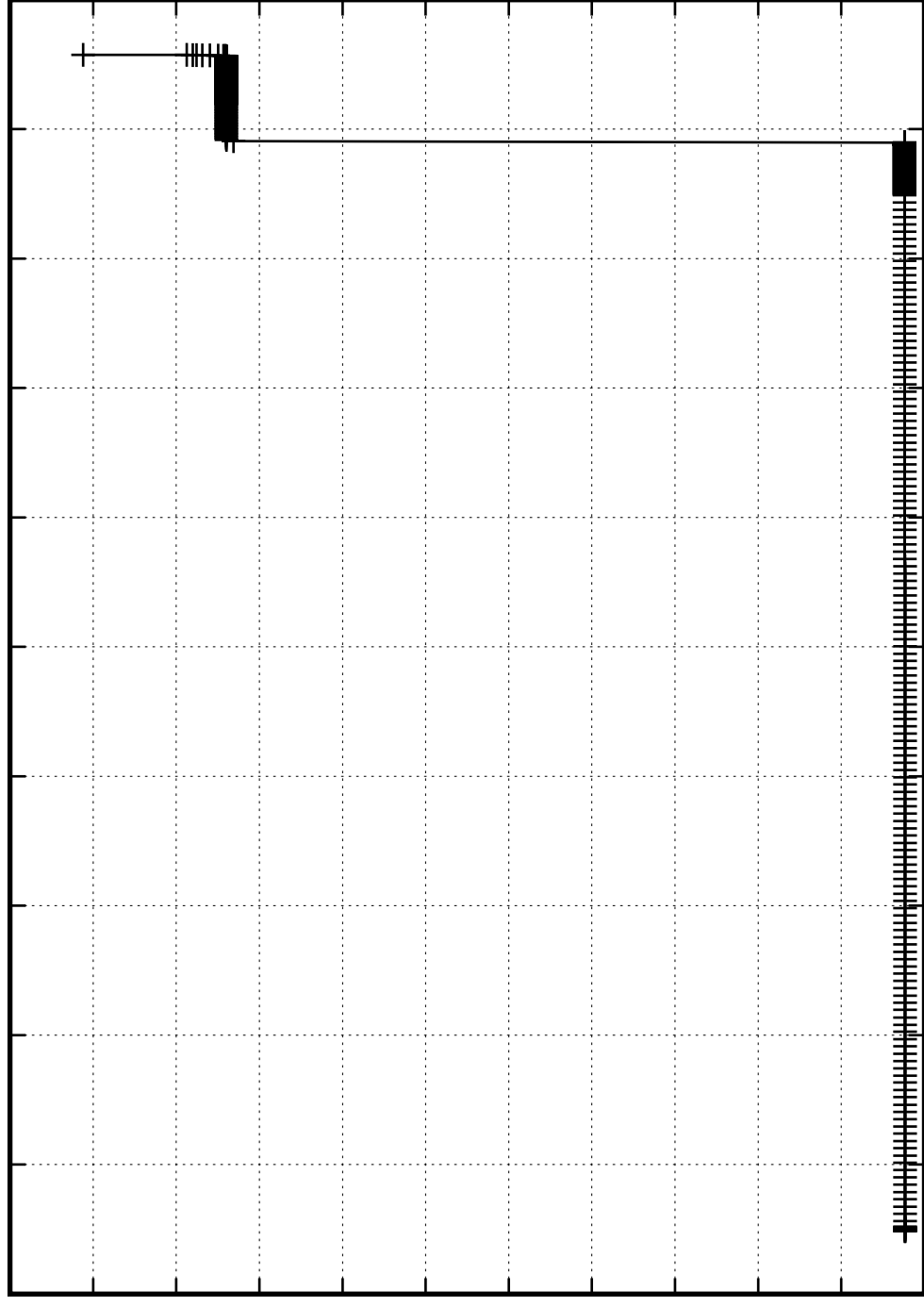
7

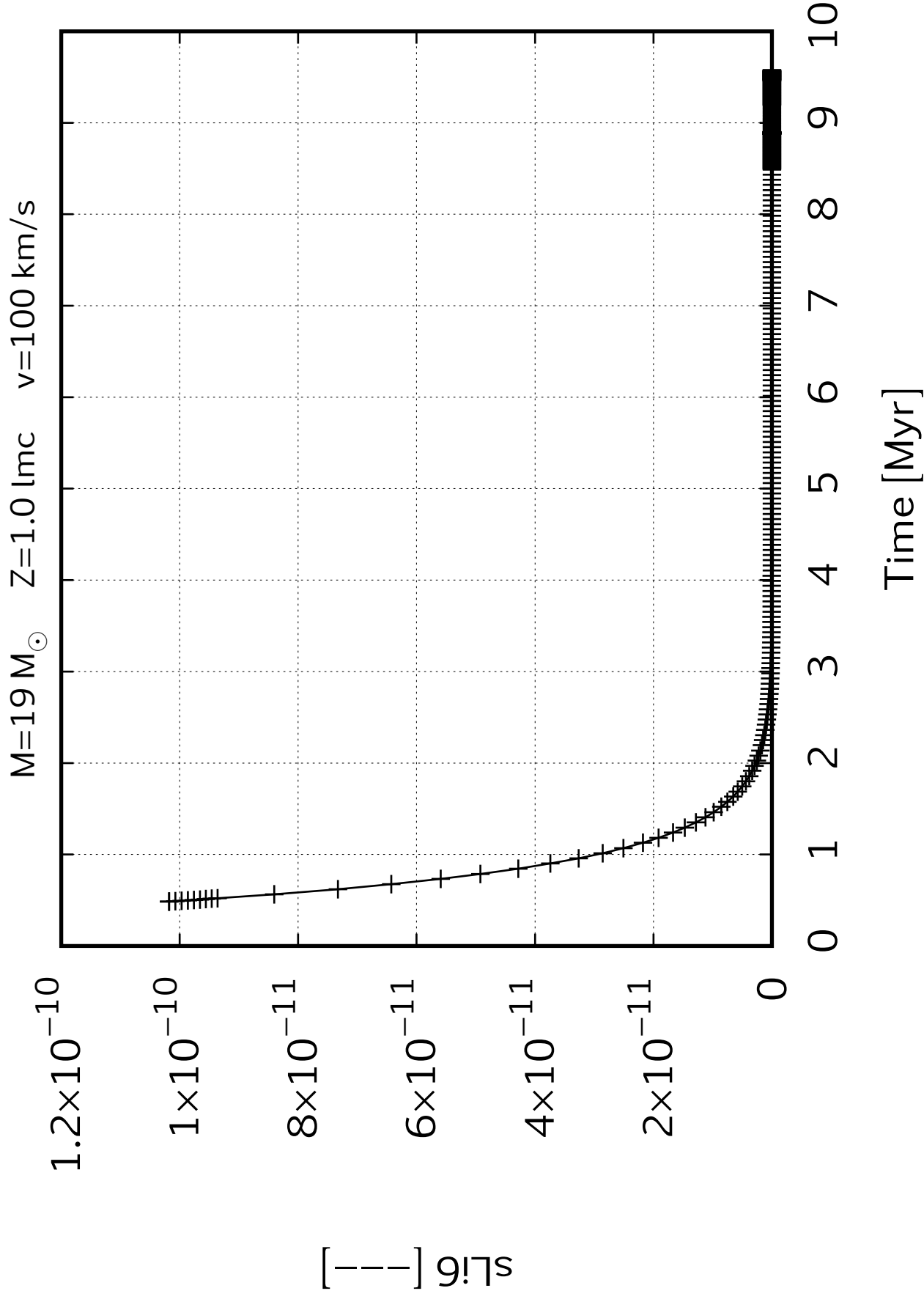
8

9

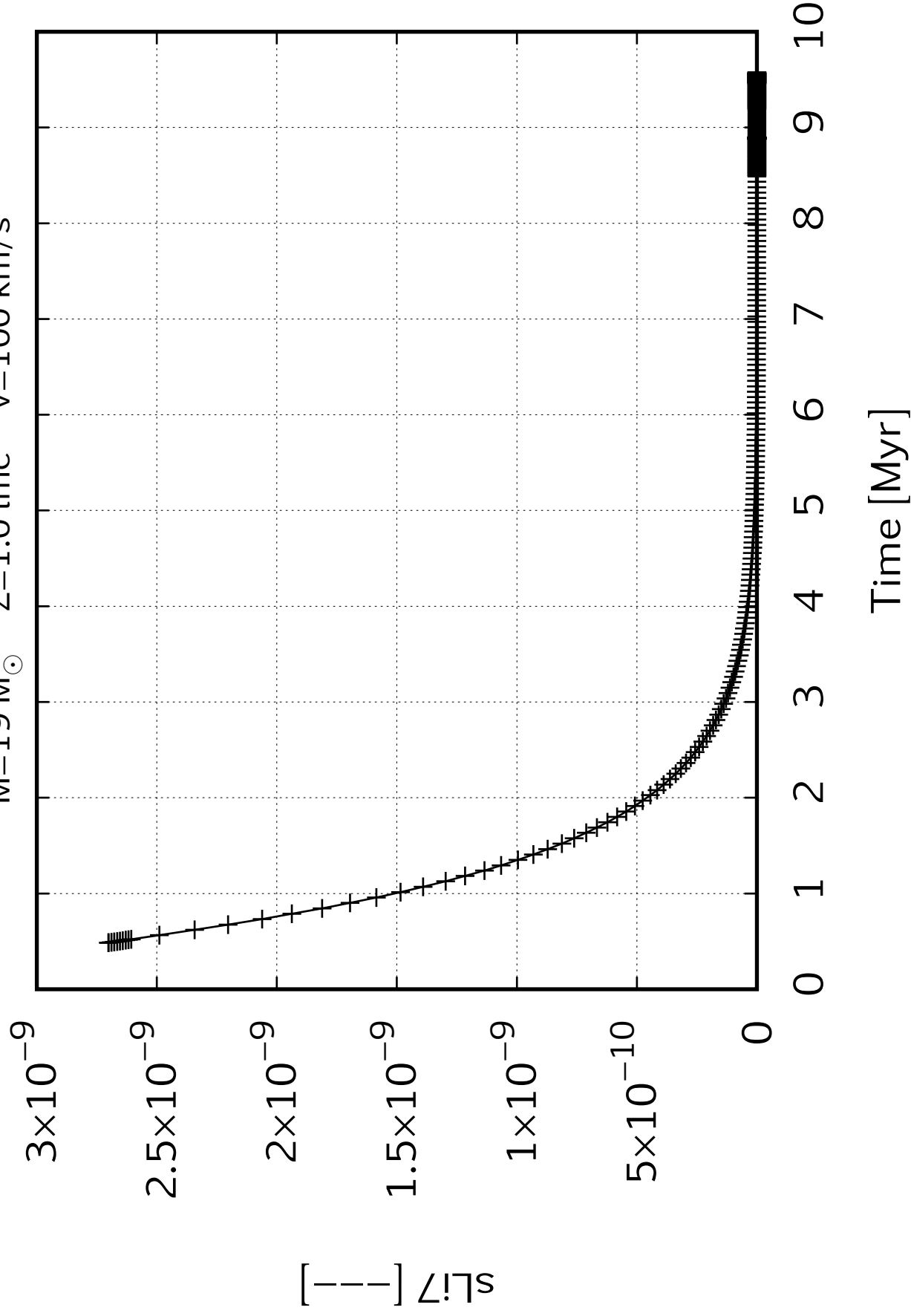
10

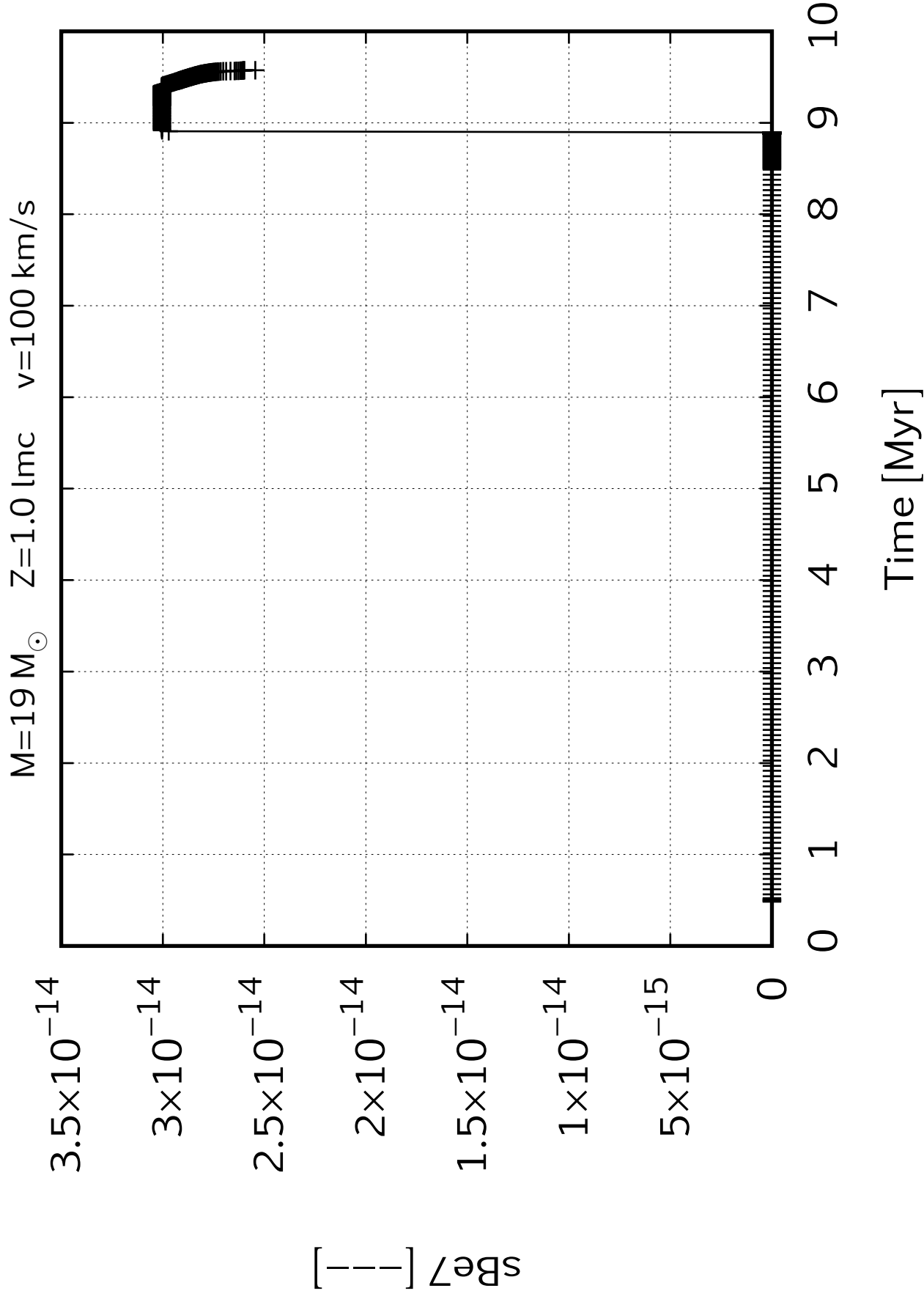
Time [Myr]



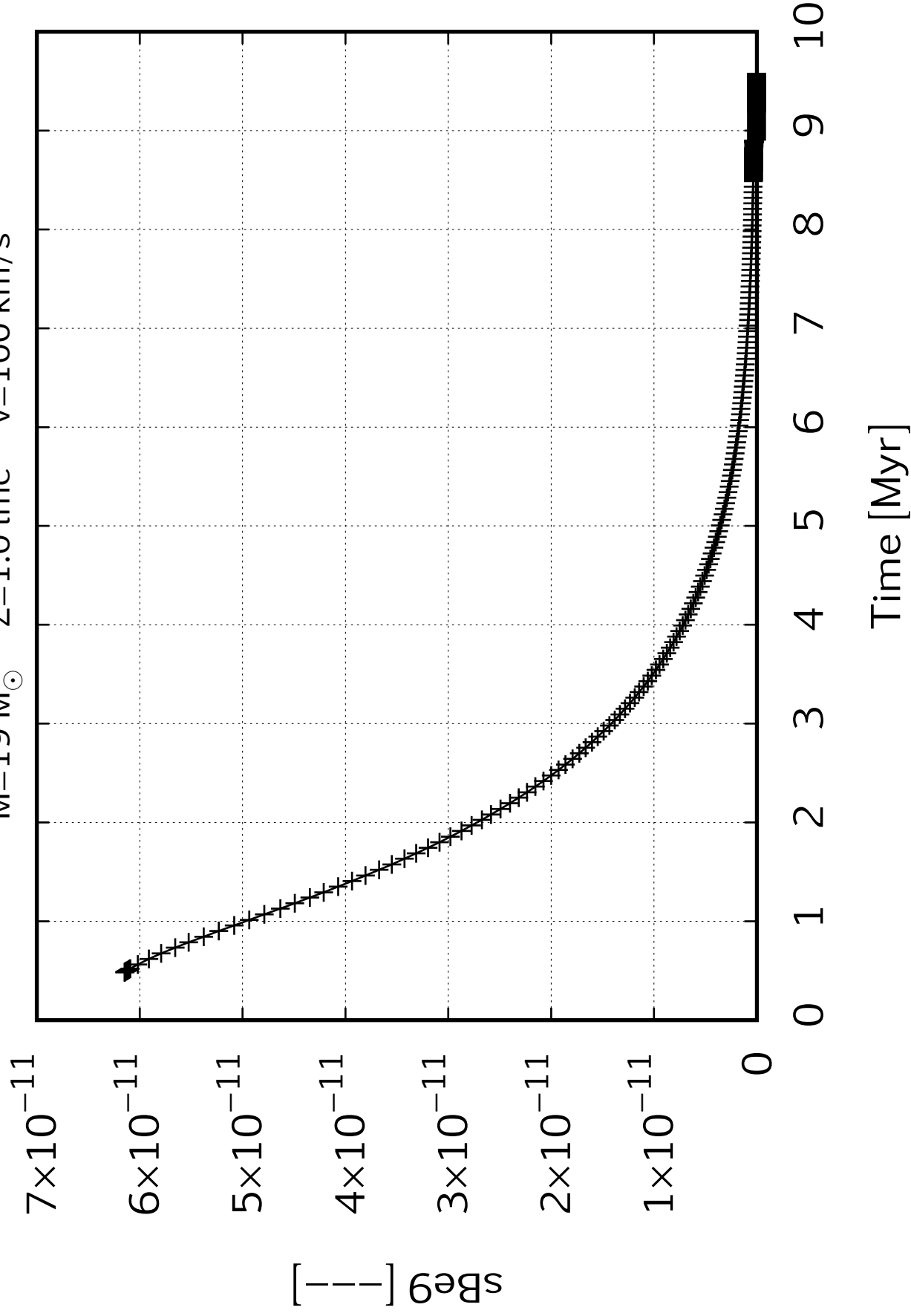


$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

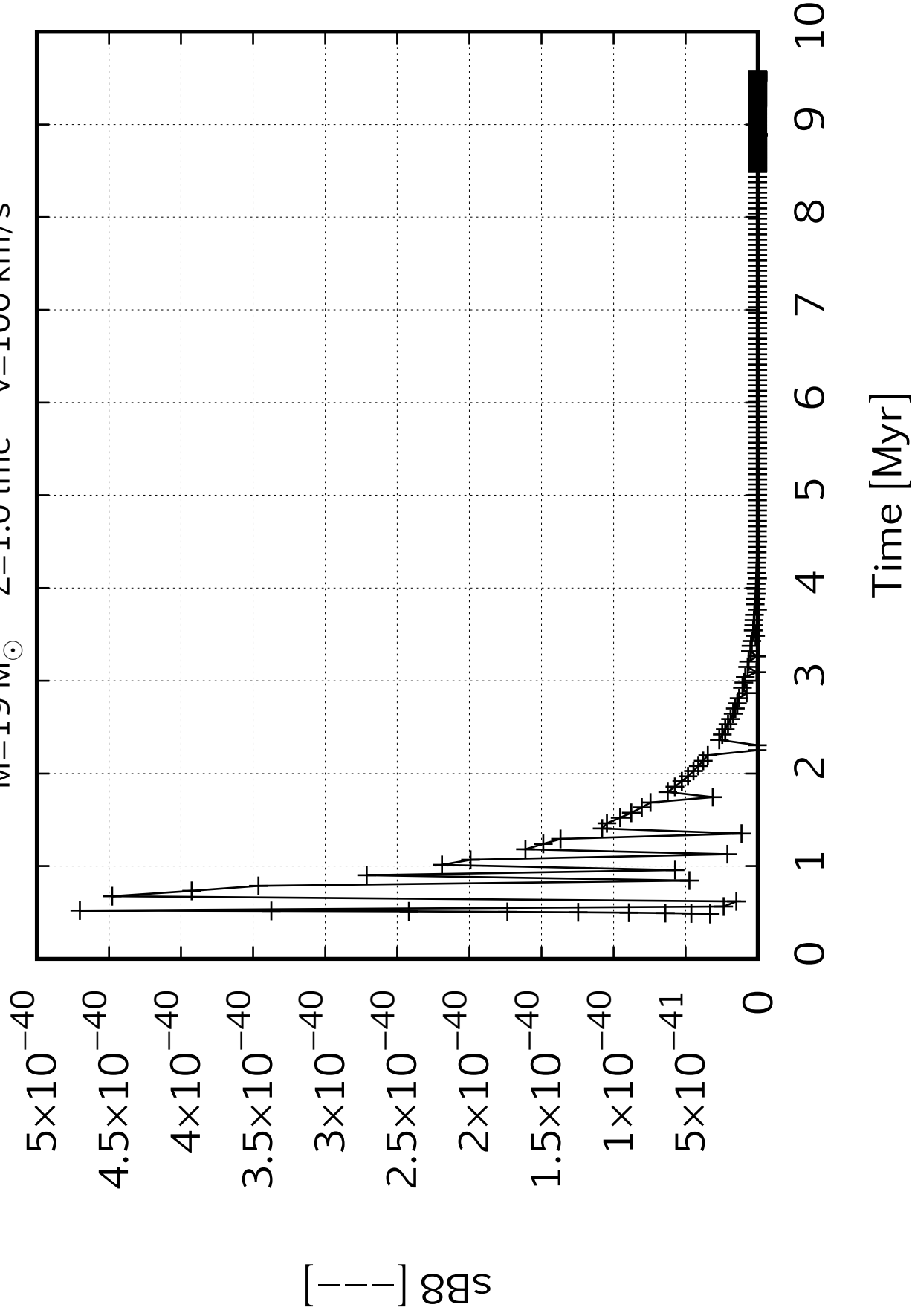




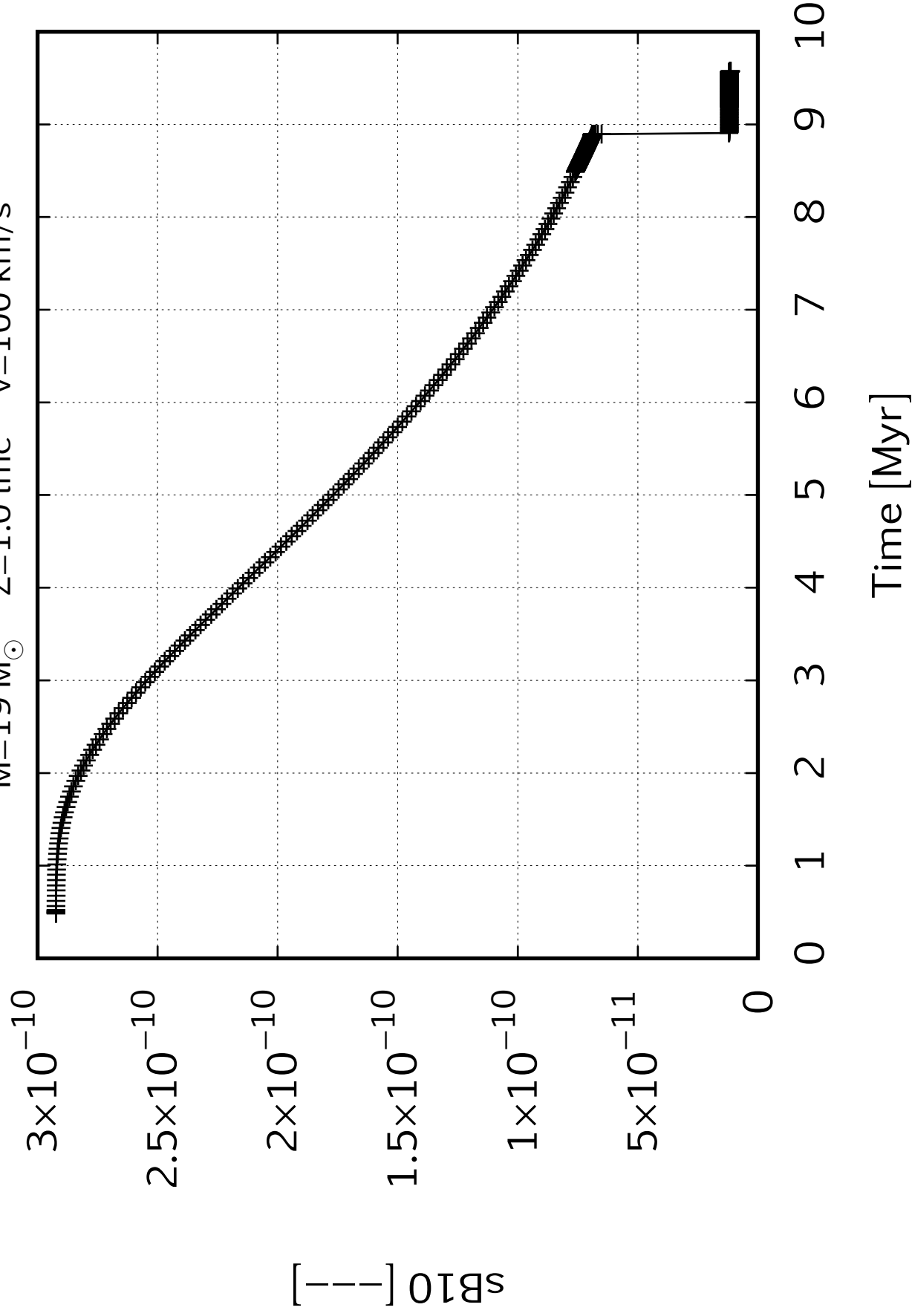
$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s



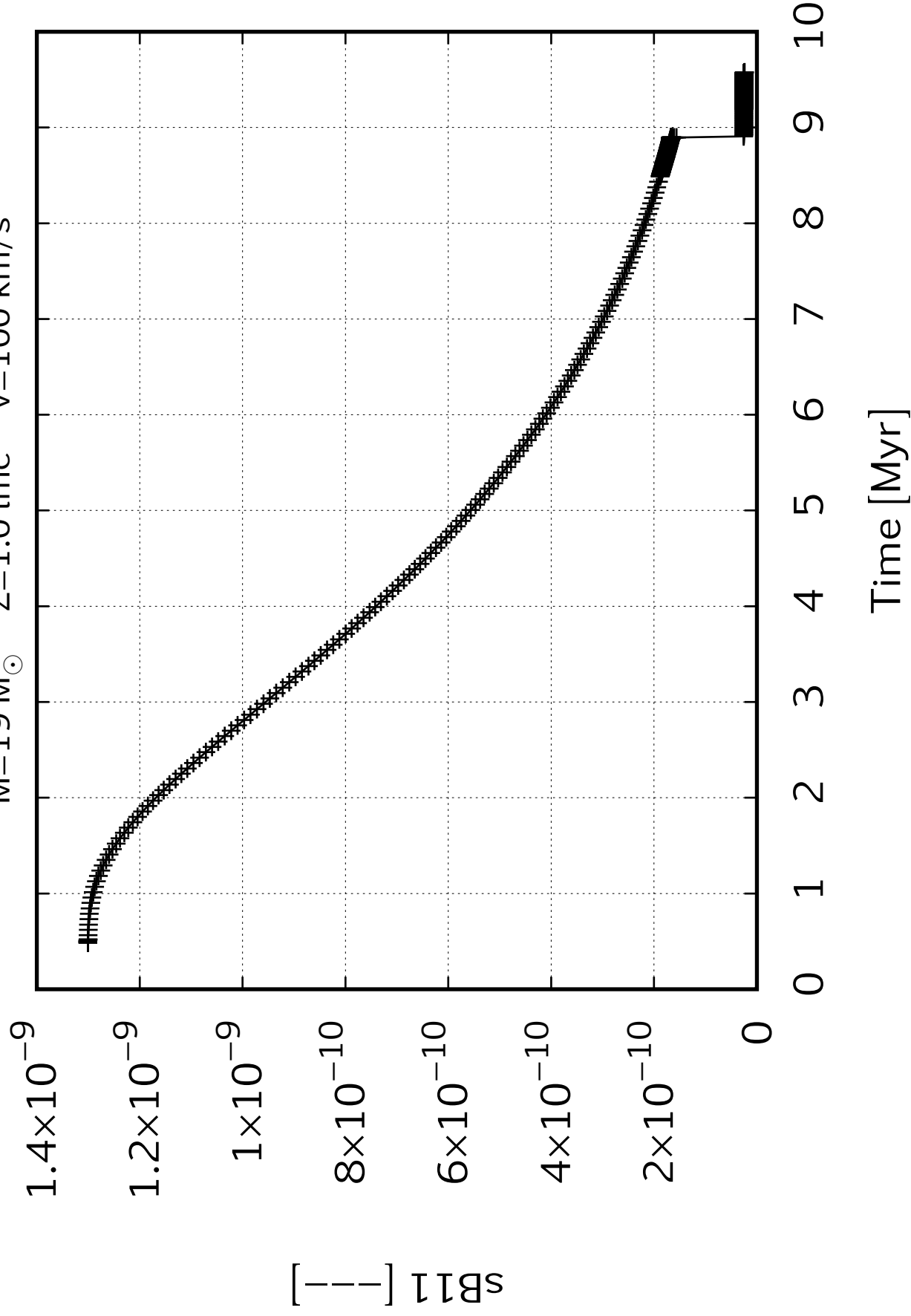
$M=19M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

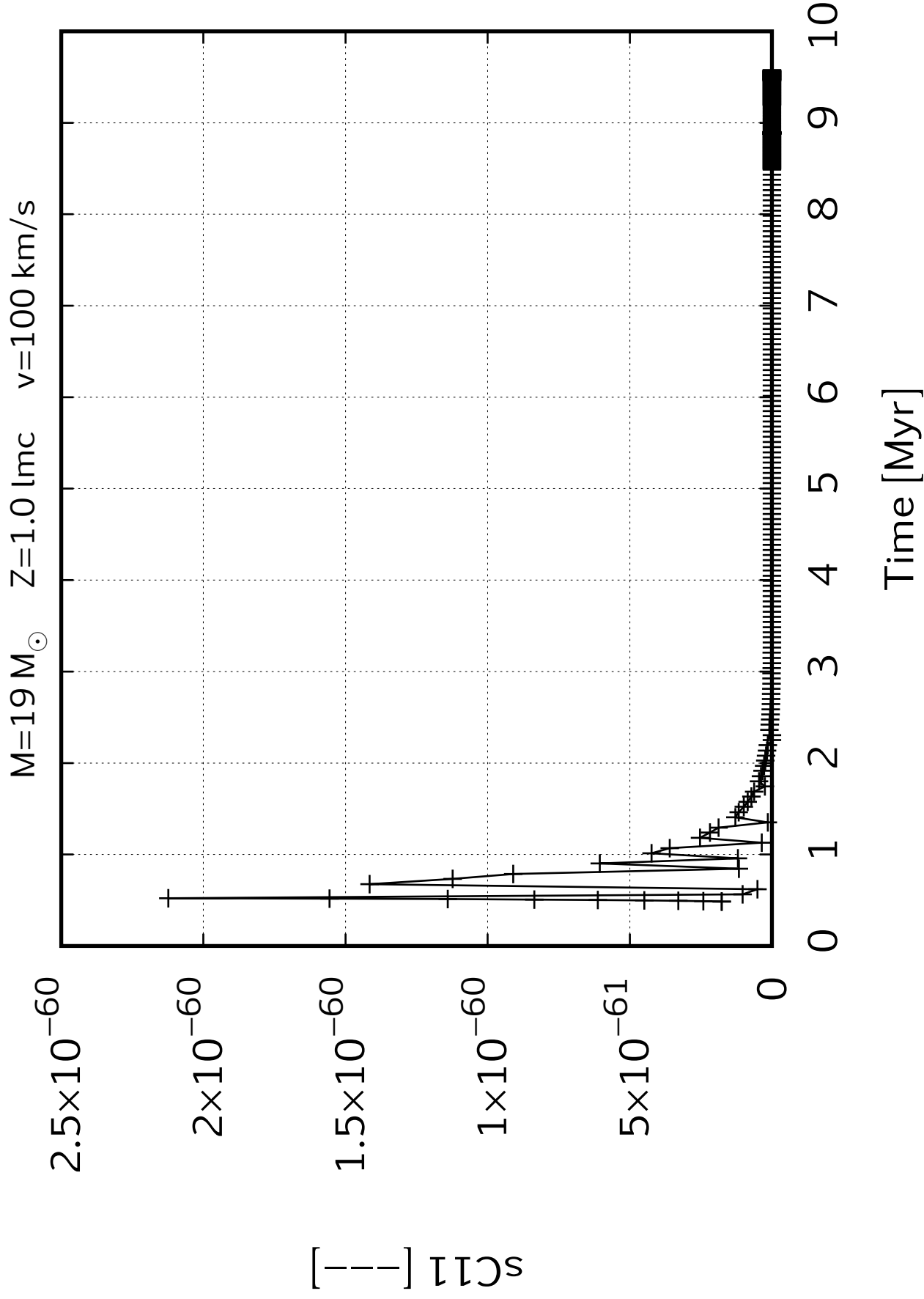


$M=19M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s



$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s





$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

0.0005

0.00045

0.0004

0.00035

0.0003

0.00025

$^{12}\text{C}/^{13}\text{C}$

0

1

2

3

4

5

6

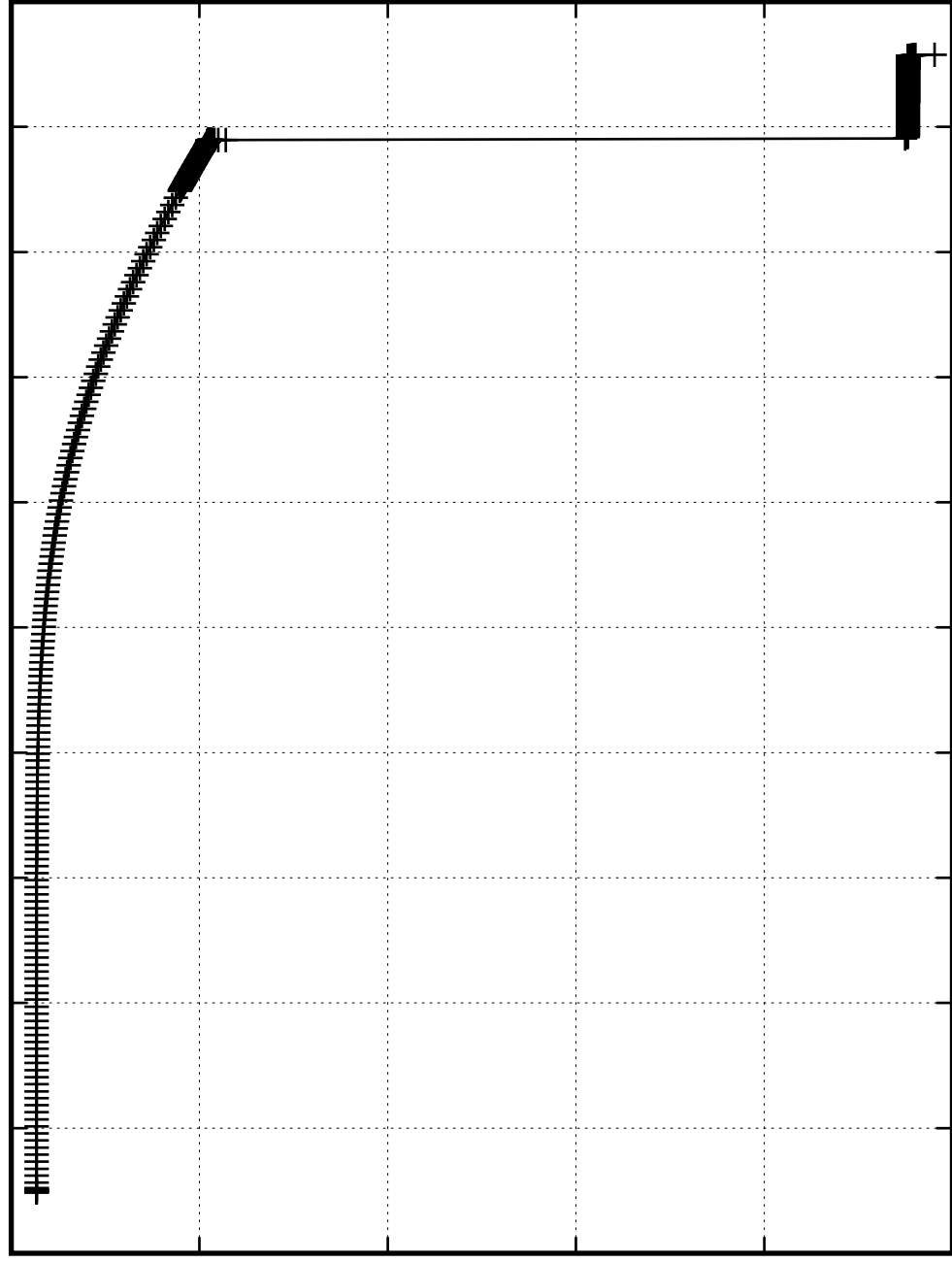
7

8

9

10

Time [Myr]



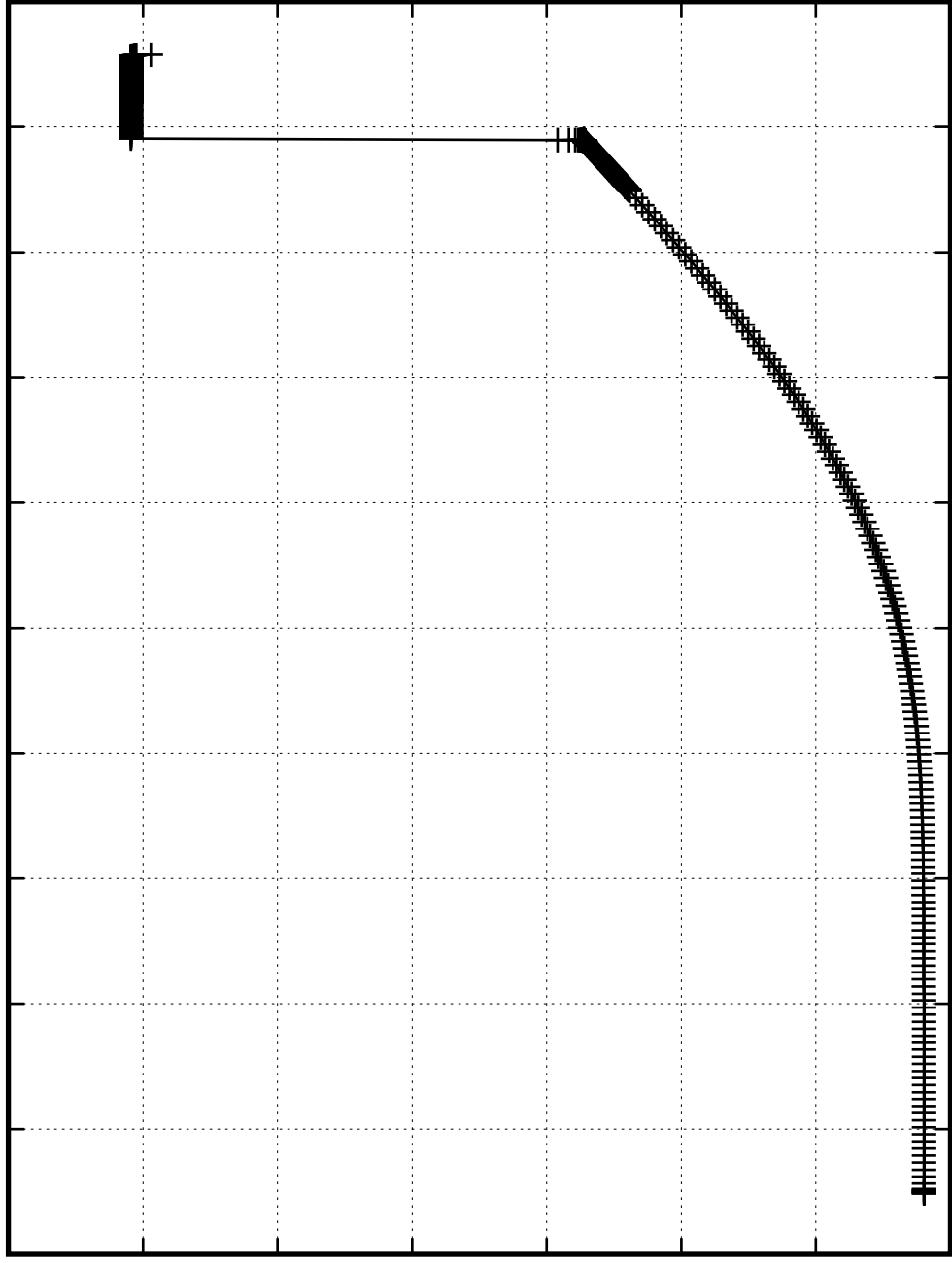
$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

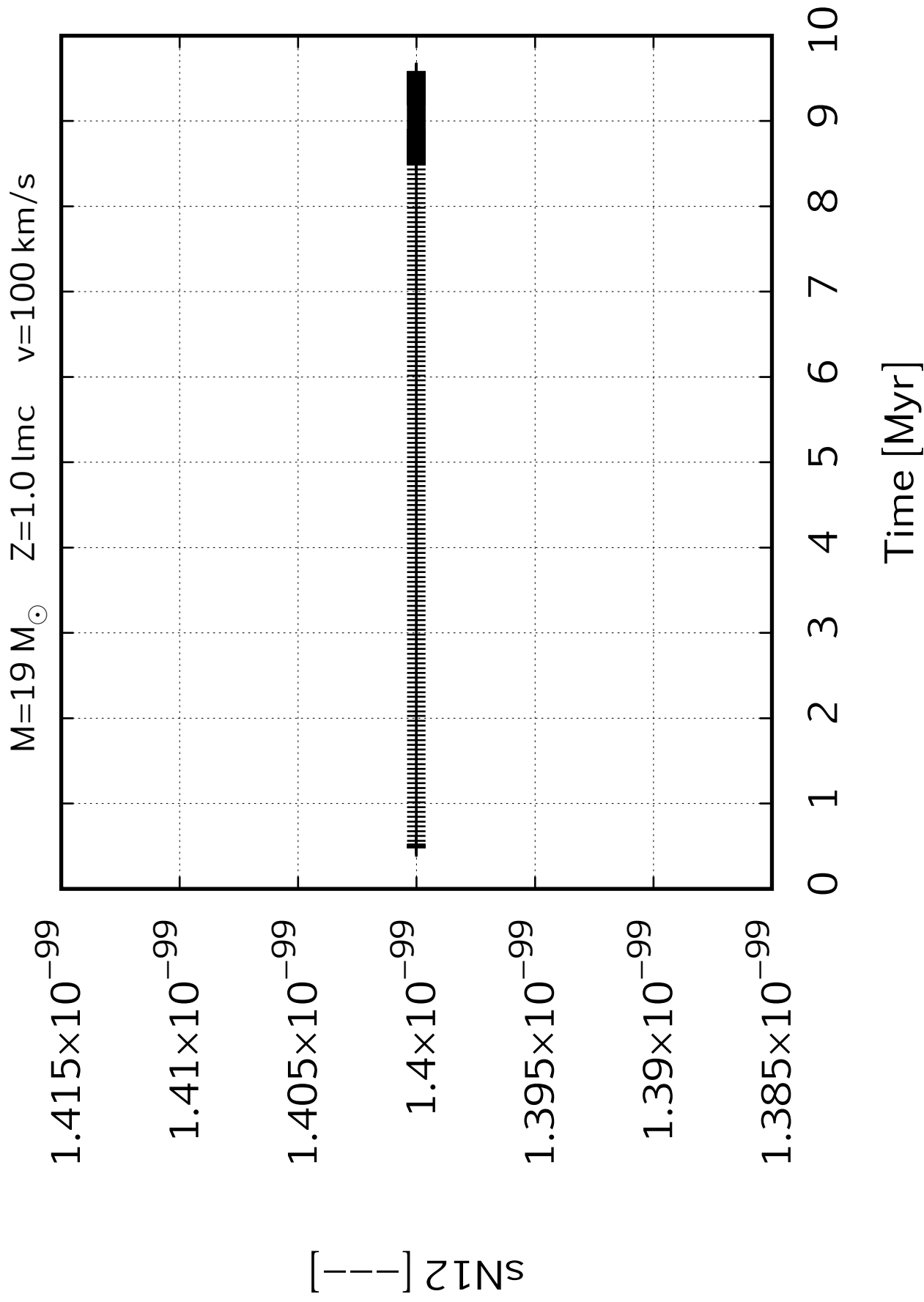
$[\text{C13}]$

0.000040
0.000035
0.000030
0.000025
0.000020
0.000015
0.000010
0.000005

0 1 2 3 4 5 6 7 8 9 10

Time [Myr]





$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

0.0008

0.0007

0.0006

0.0005

0.0004

0.0003

0.0002

0.0001

0

$sN14[---]$

0

1

2

3

4

5

6

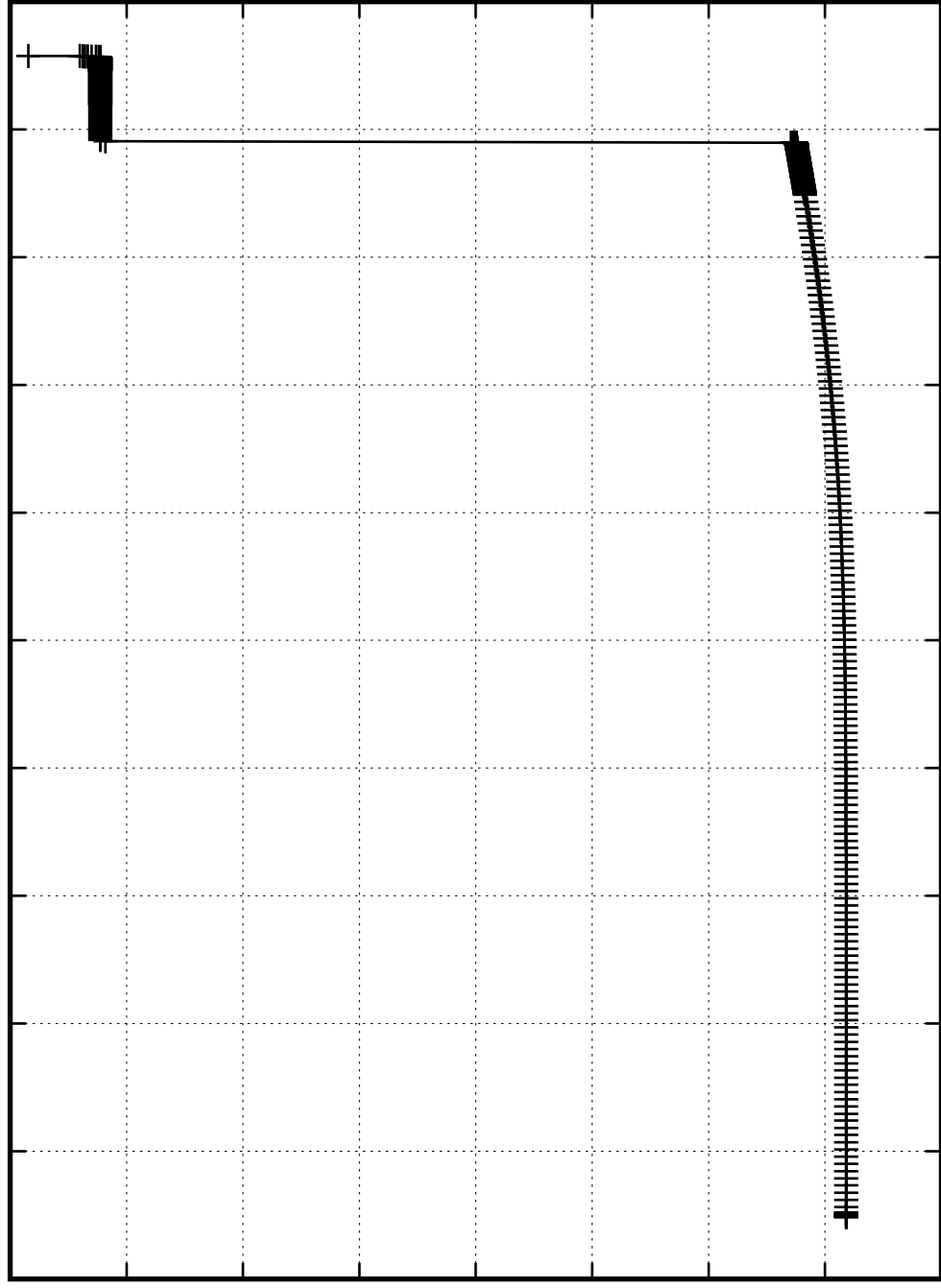
7

8

9

10

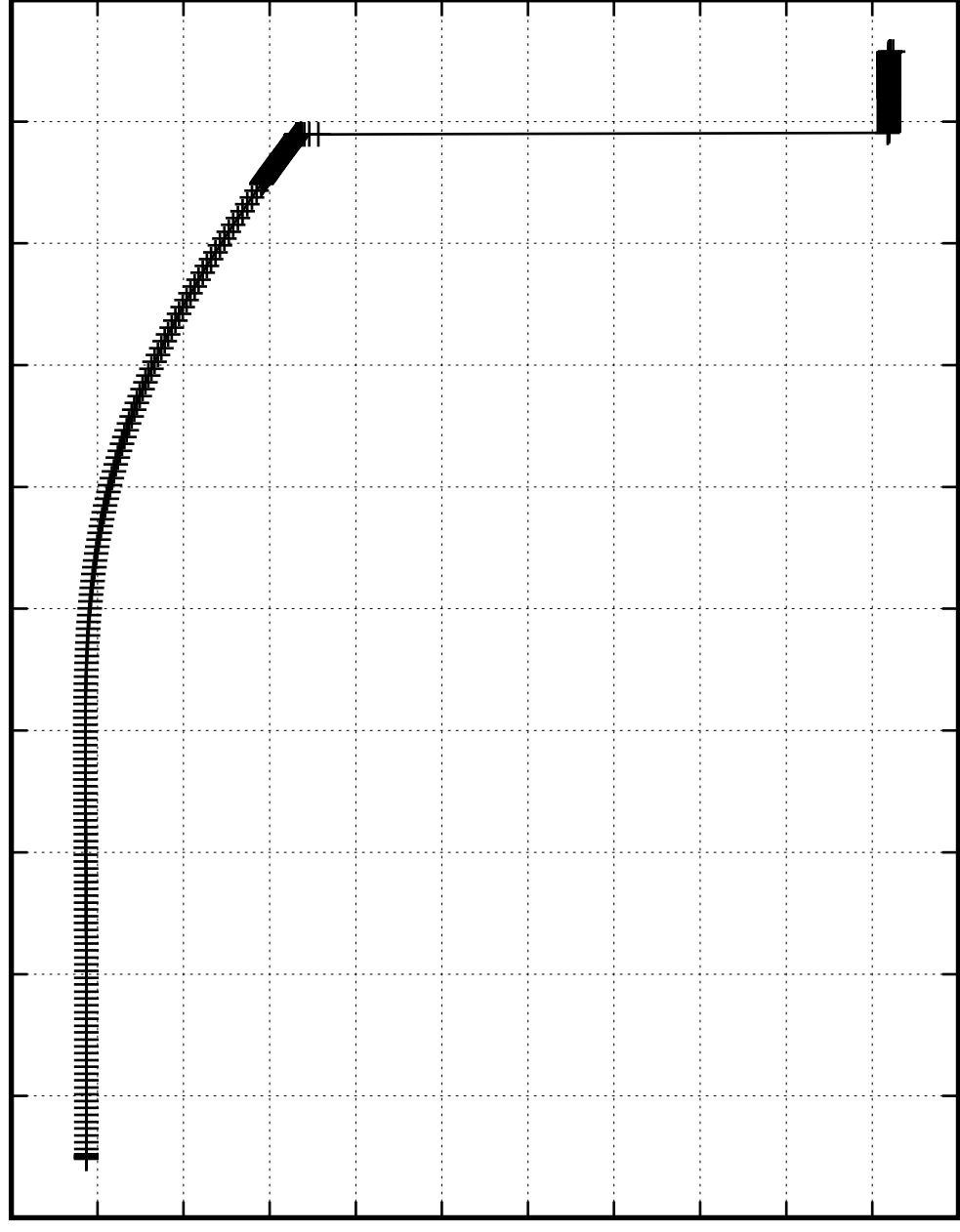
Time [Myr]



$M=19 M_{\odot}$ $Z=1.0$ $v=100$ km/s

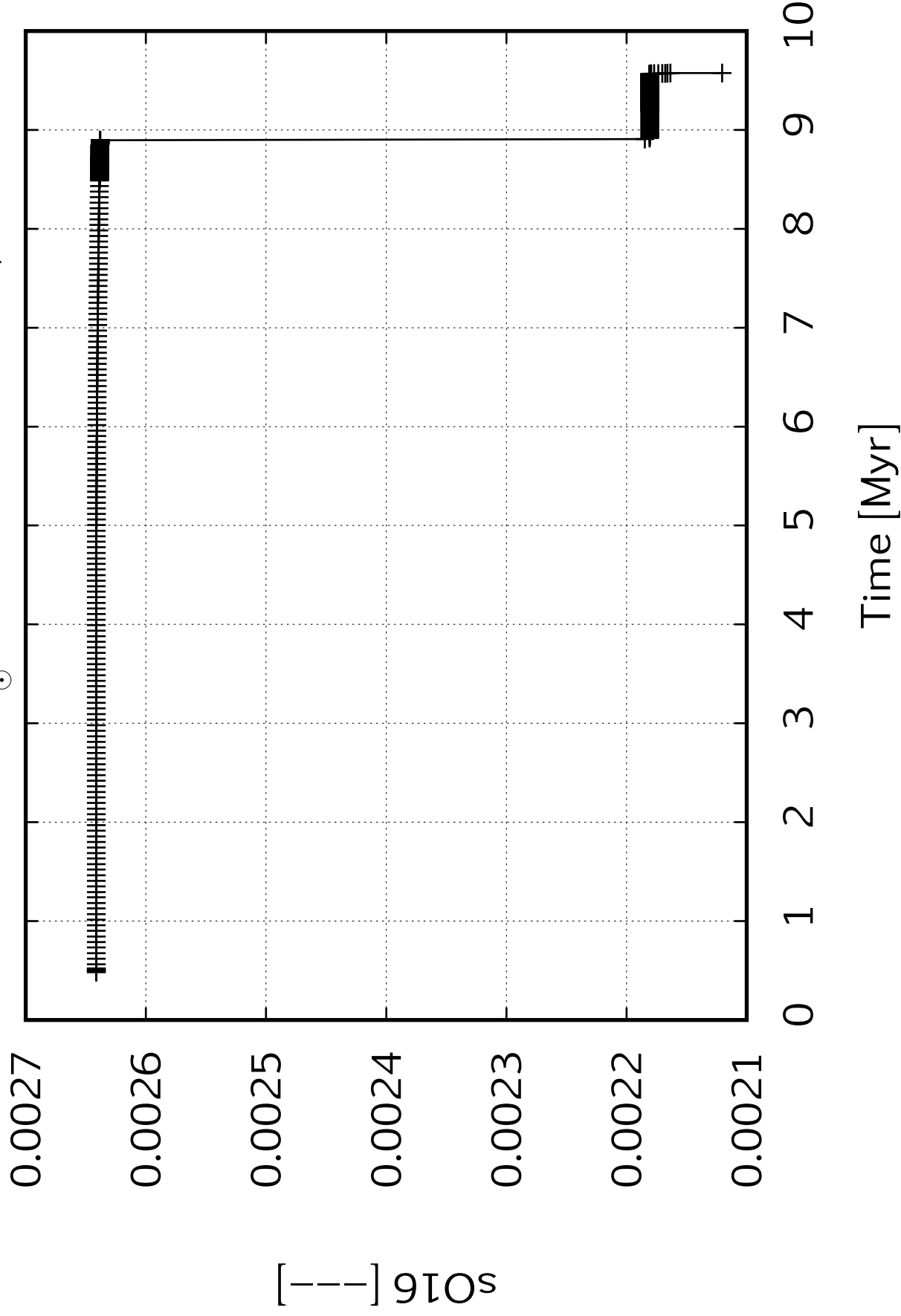
0.0000003
0.0000003
0.0000003
0.0000003
0.0000003
0.0000002
0.0000002
0.0000002
0.0000002
0.0000002
0.0000001
0.0000001

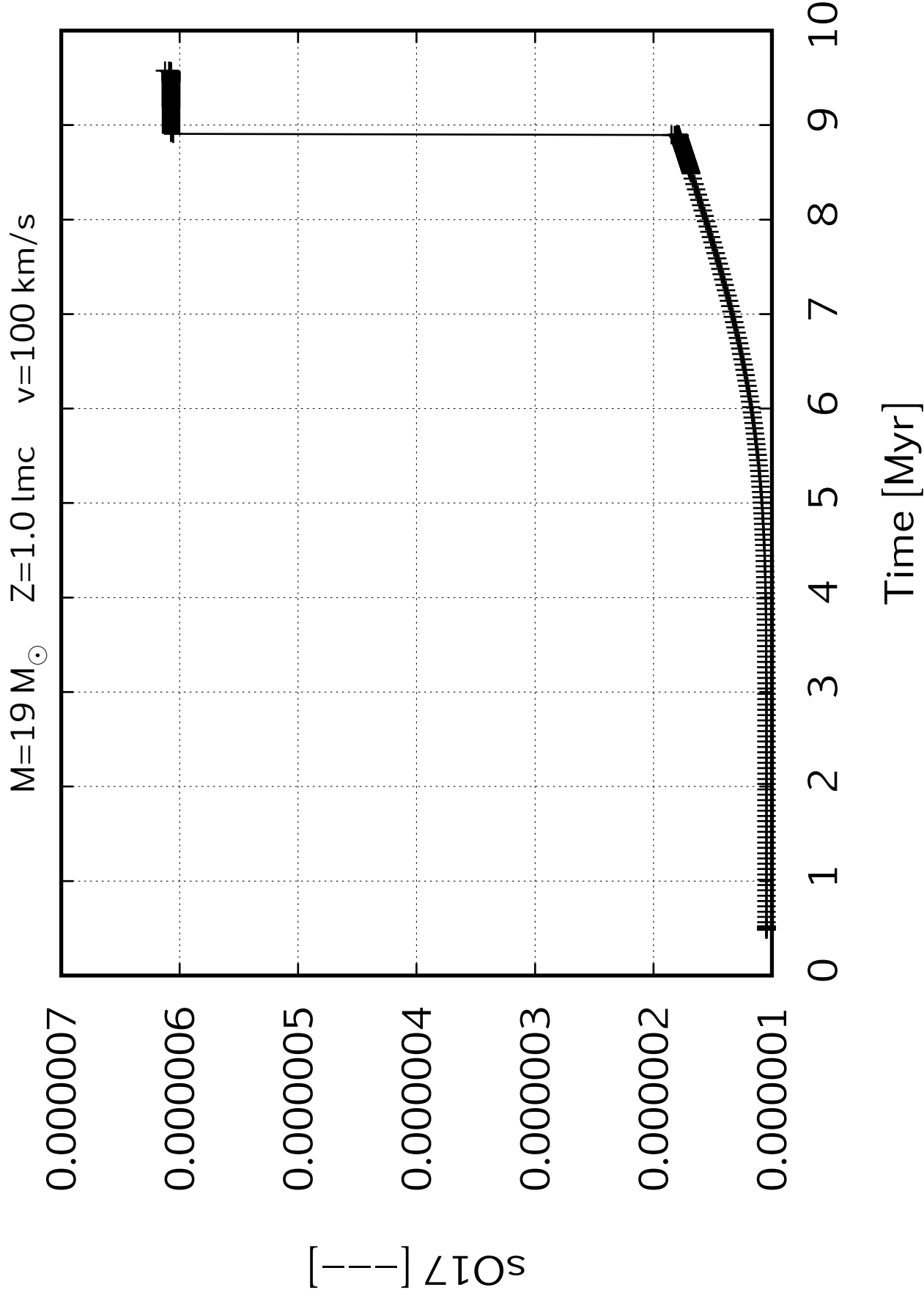
$[N_{15}]$



Time [Myr]

$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s



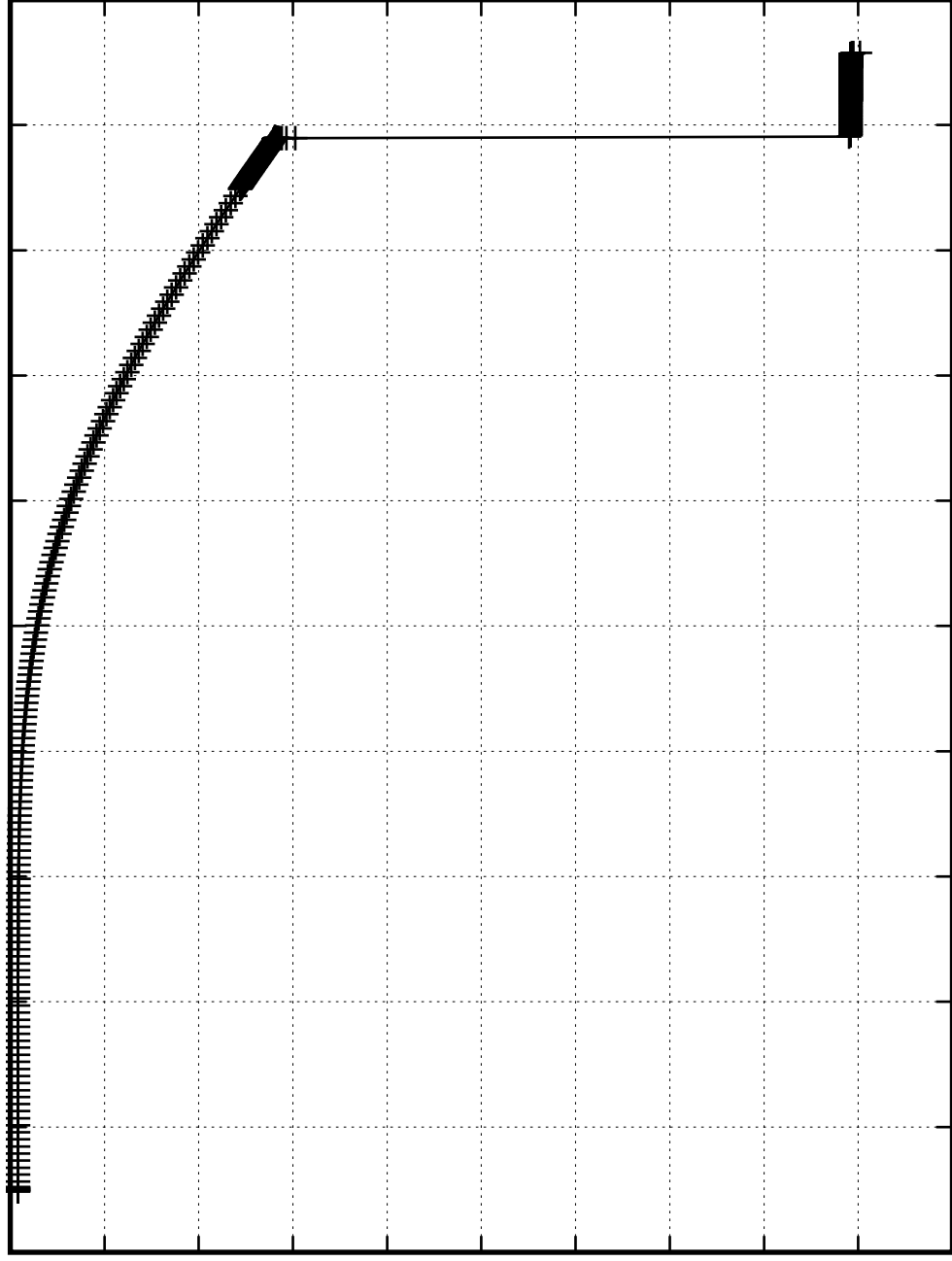


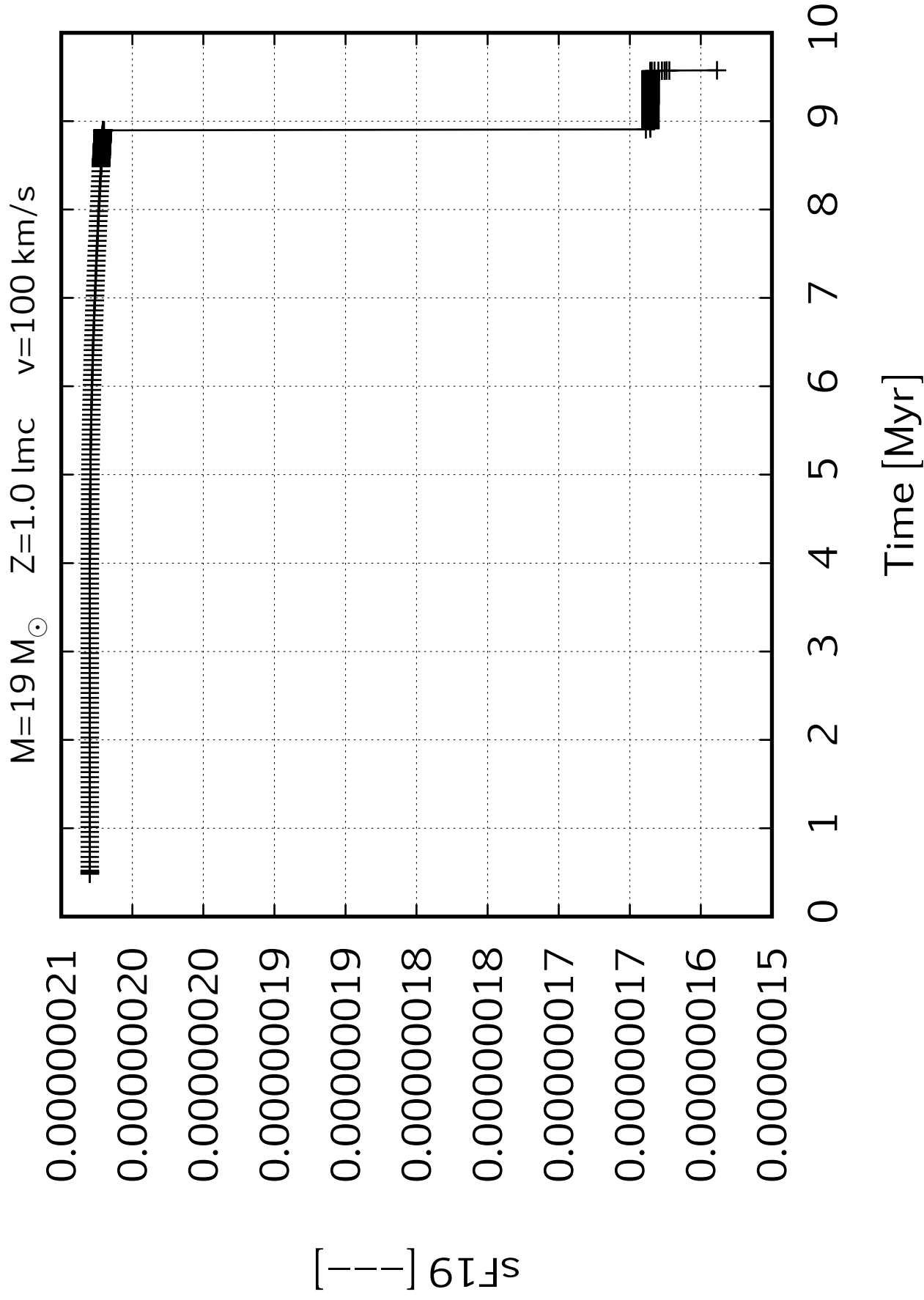
$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

^{18}O []

0 1 2 3 4 5 6 7 8 9 10

Time [Myr]





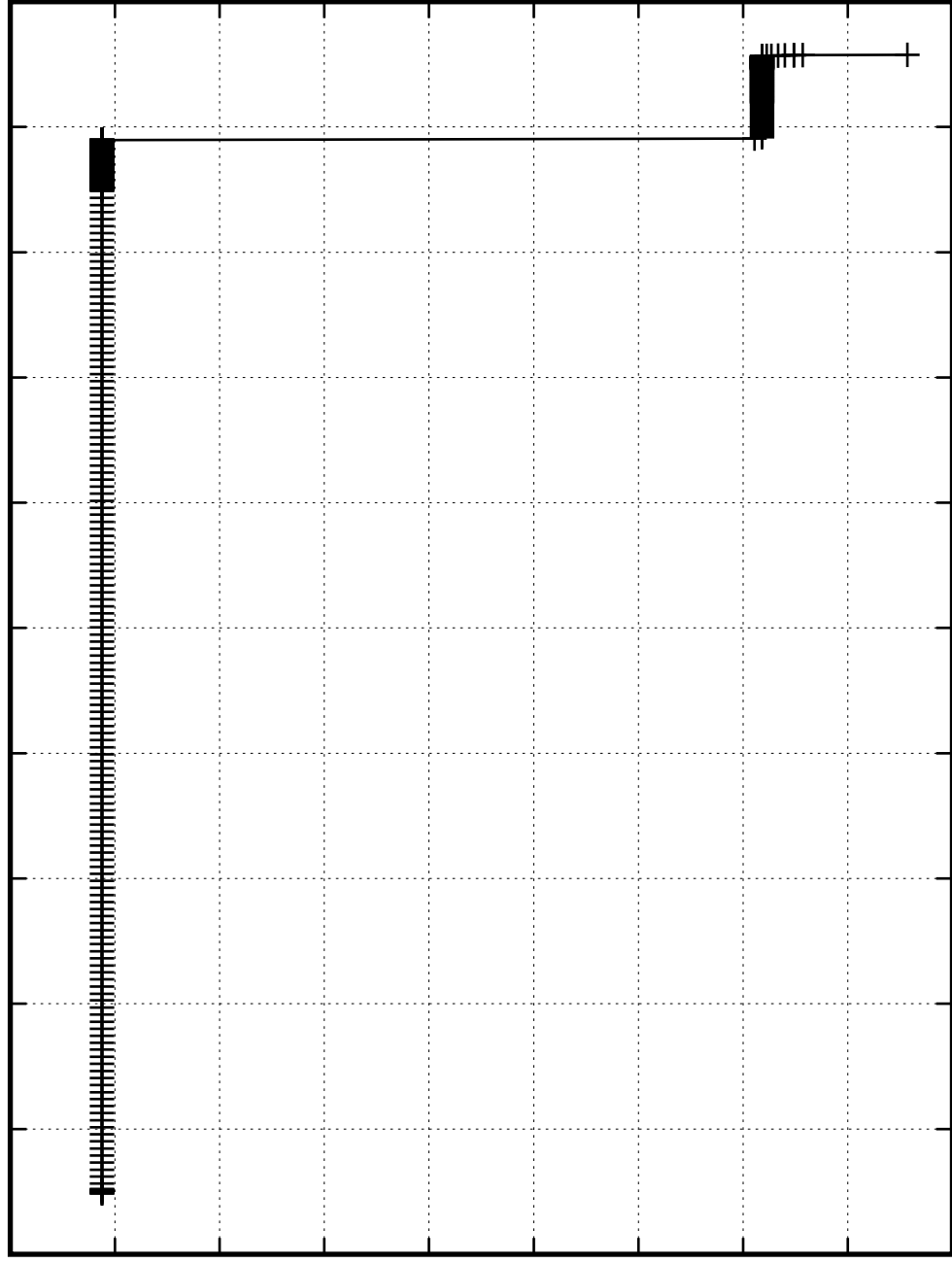
$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

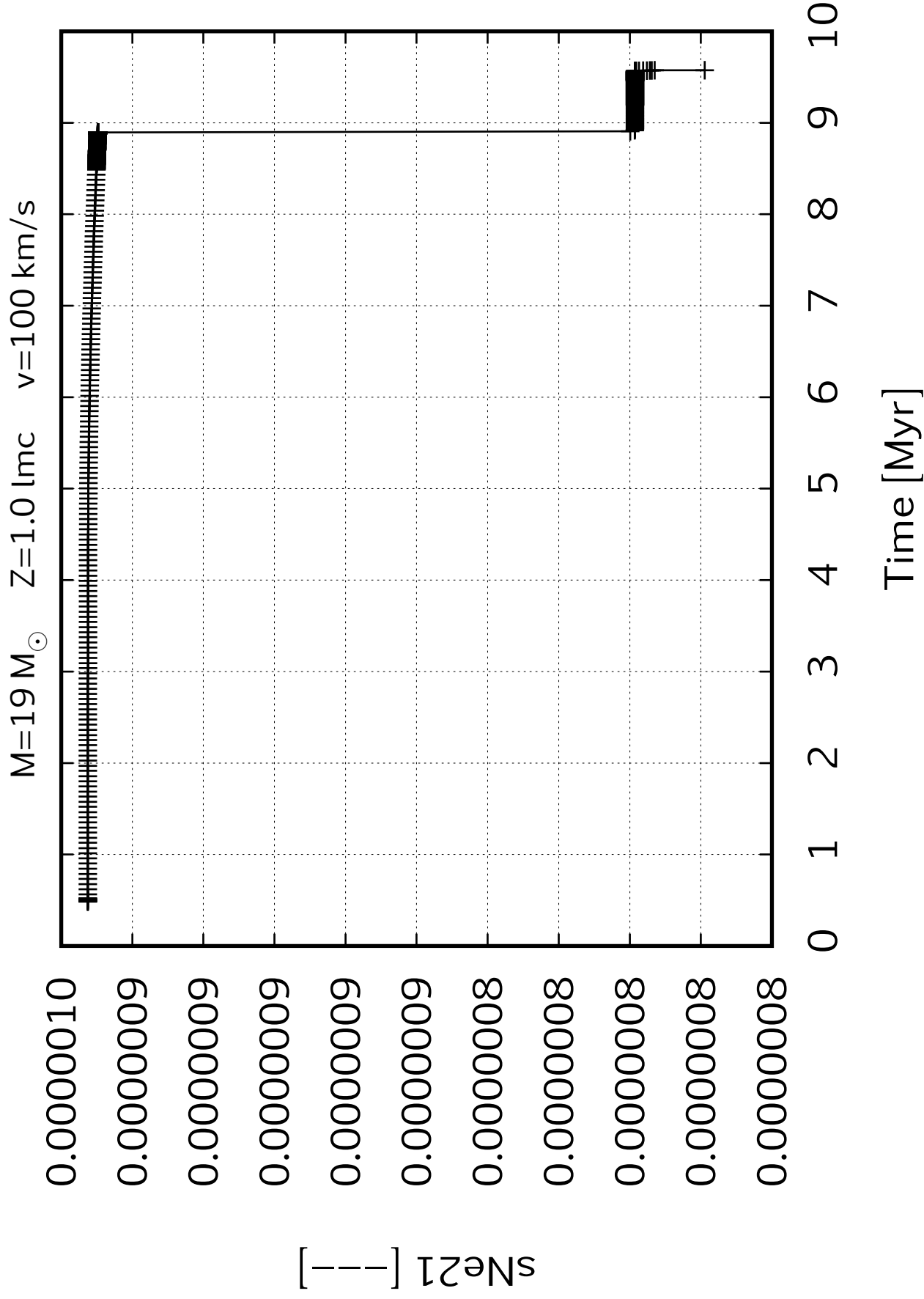
0.000379
0.000378
0.000378
0.000378
0.000378
0.000377
0.000377
0.000377
0.000377

$s_{\text{Ne20}} [-]$

0 1 2 3 4 5 6 7 8 9 10

Time [Myr]





$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

0.000031

0.000030

0.000029

0.000028

0.000027

0.000026

0.000025

0.000024

$s_{\text{Ne}22} [-]$

0

1

2

3

4

5

6

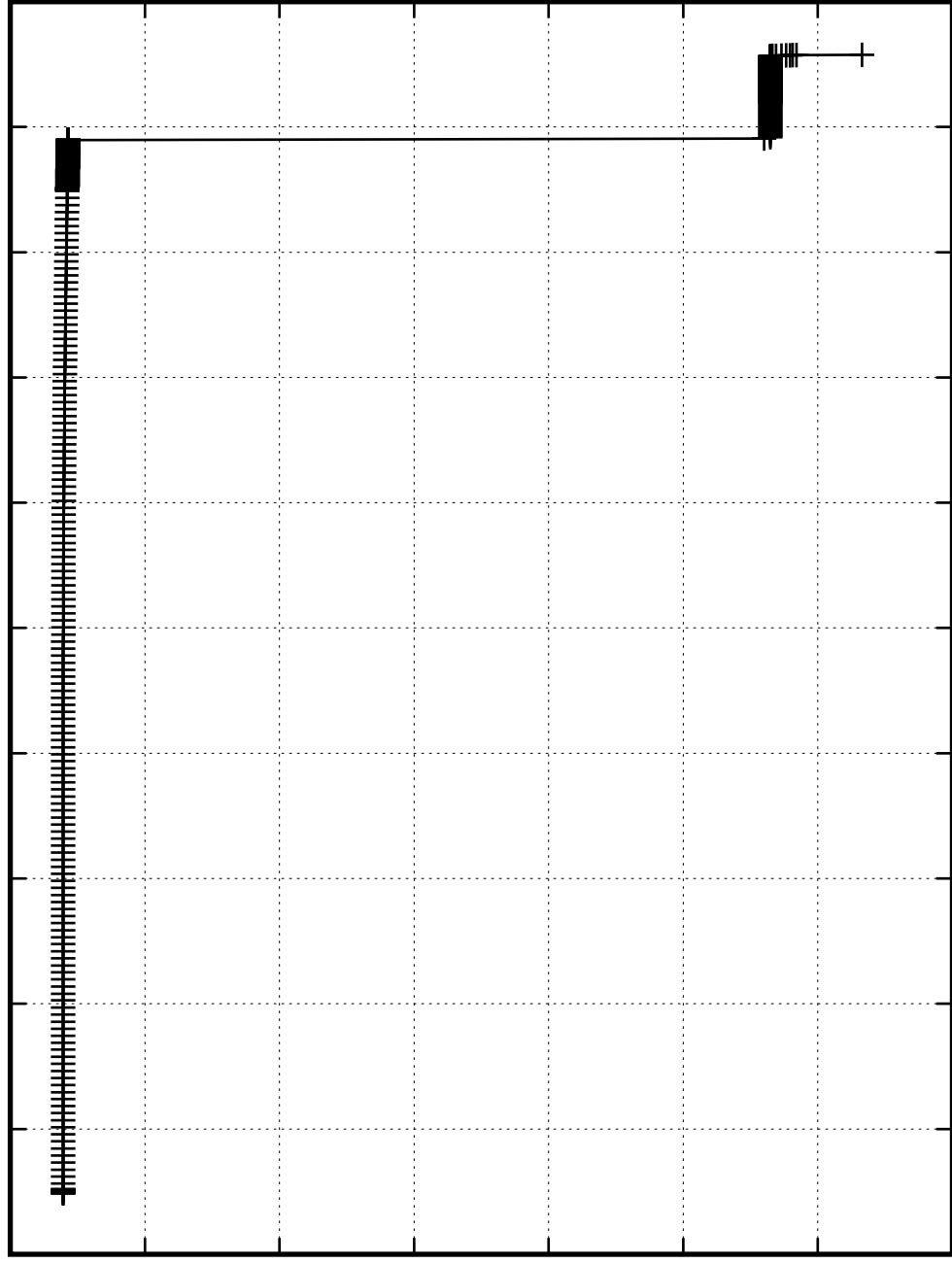
7

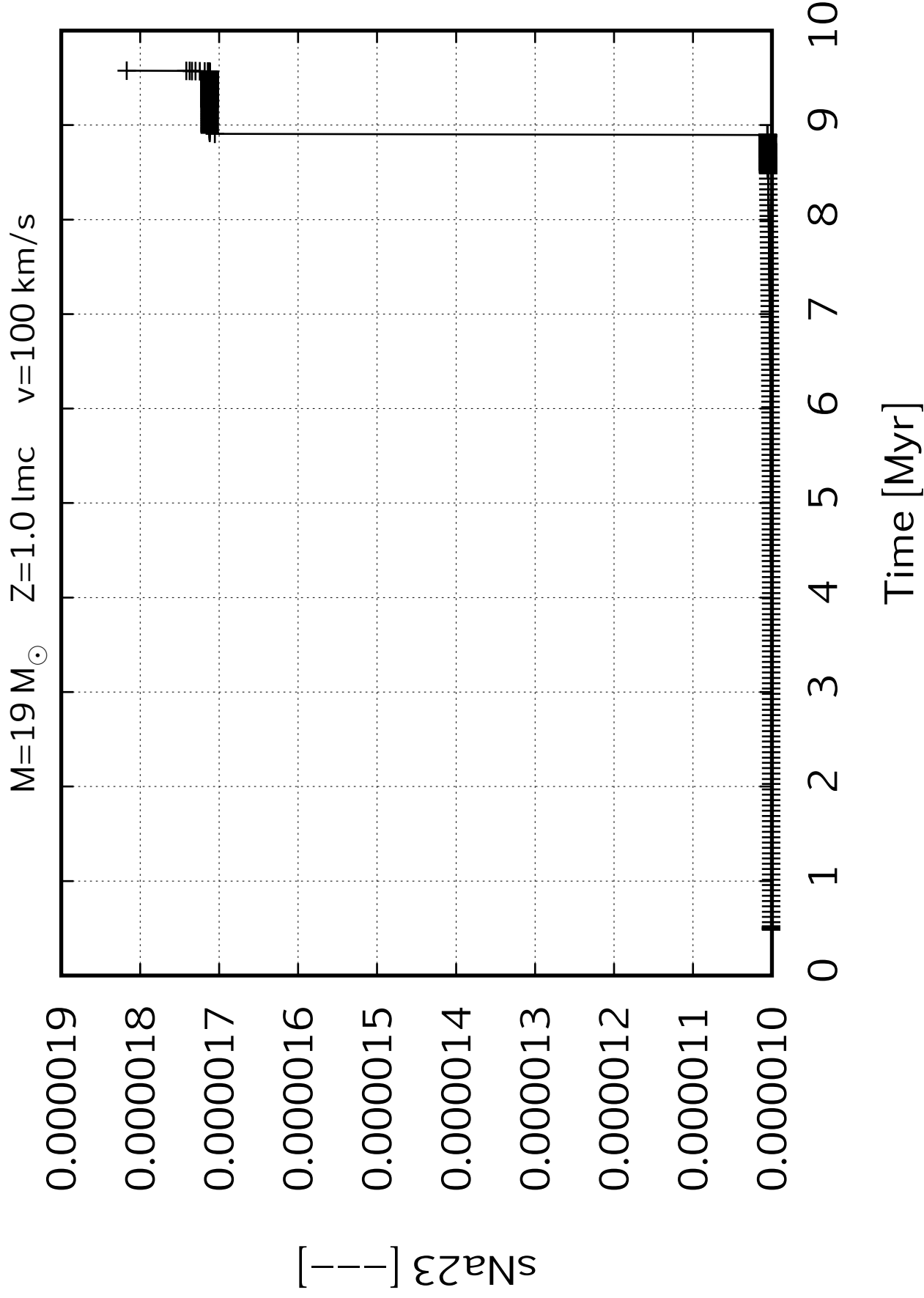
8

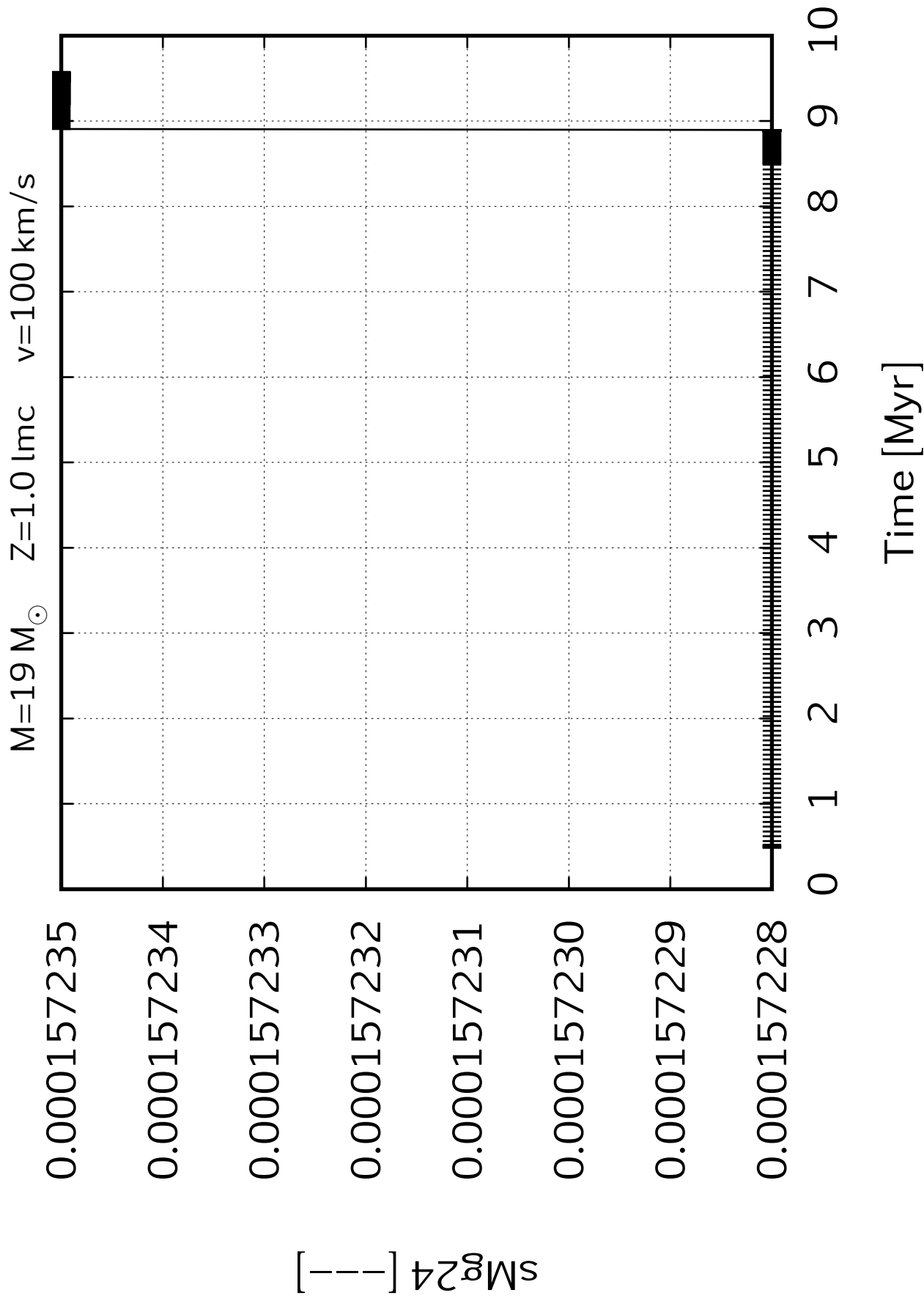
9

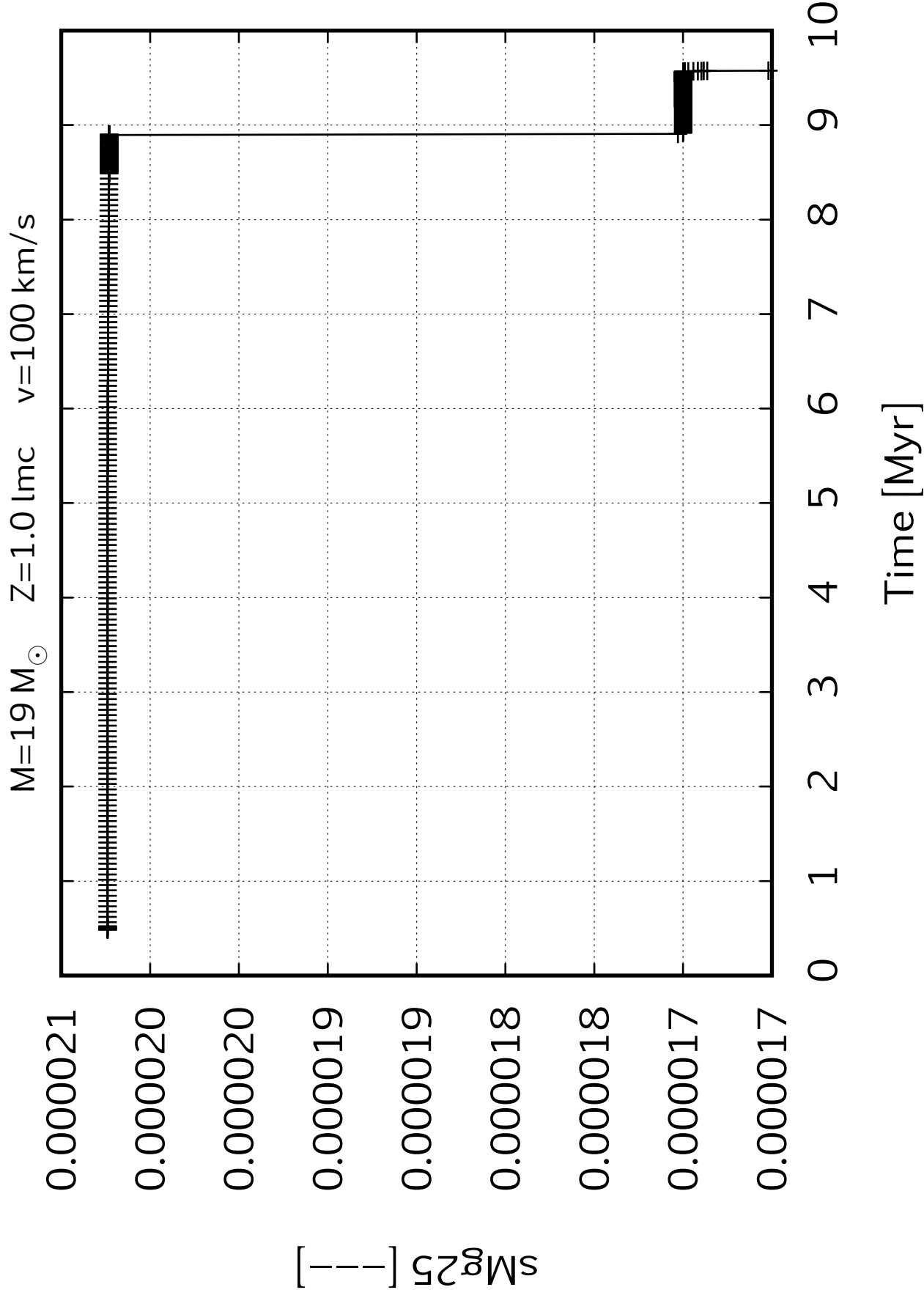
10

Time [Myr]









$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

0.000027

0.000026

0.000026

0.000025

0.000025

0.000024

0.000024

0.000023

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

0

1

2

3

4

5

6

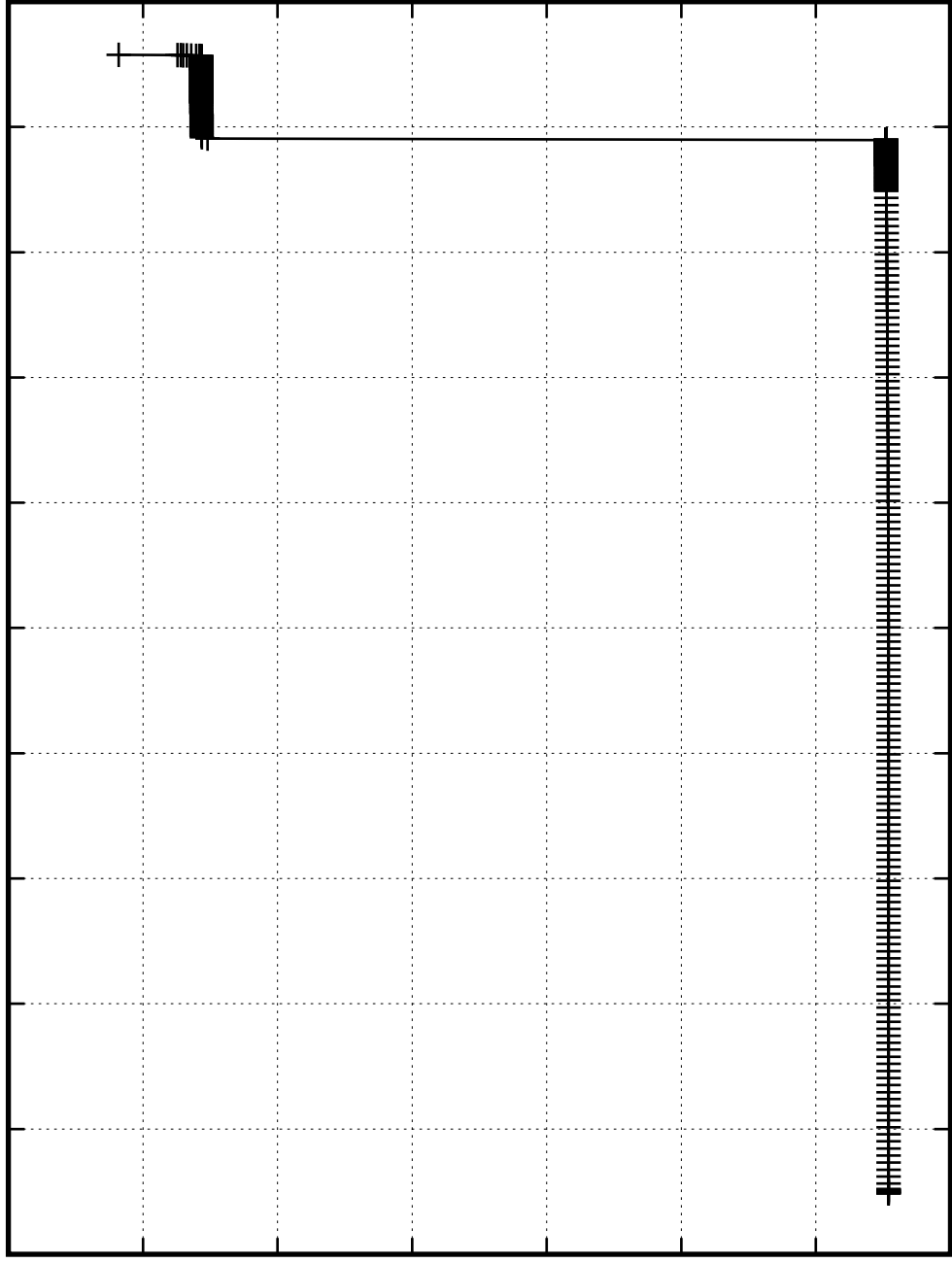
7

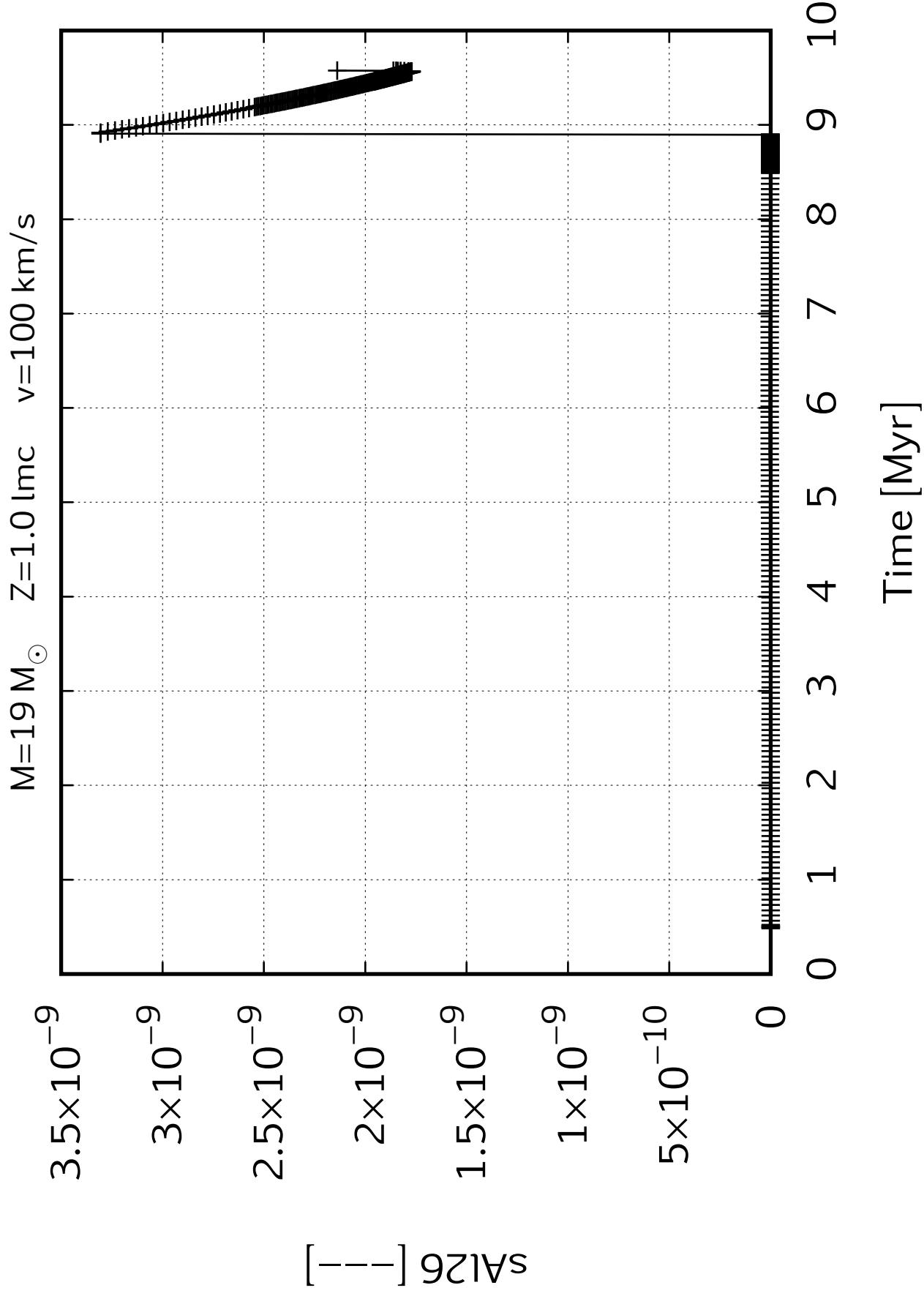
8

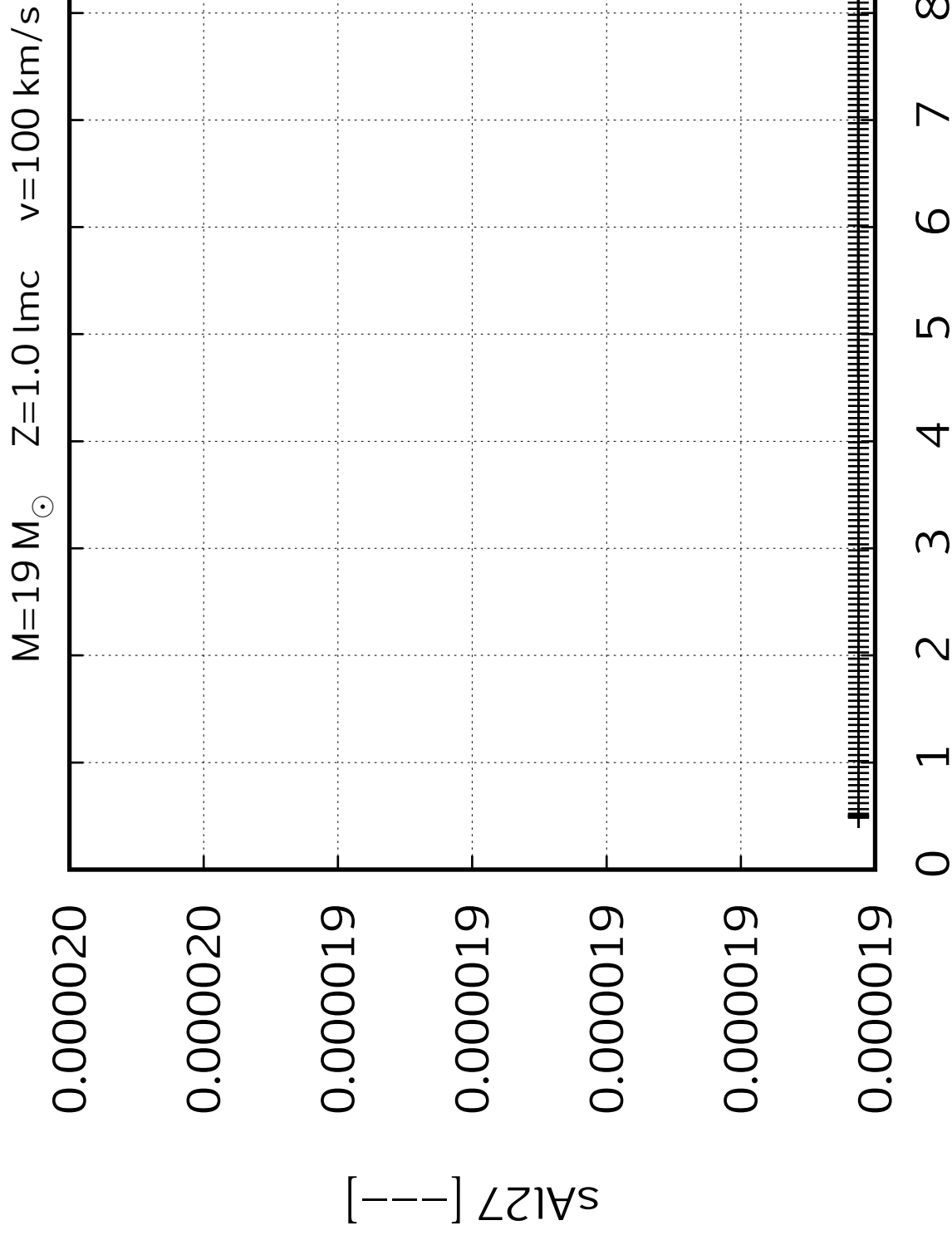
9

10

Time [Myr]





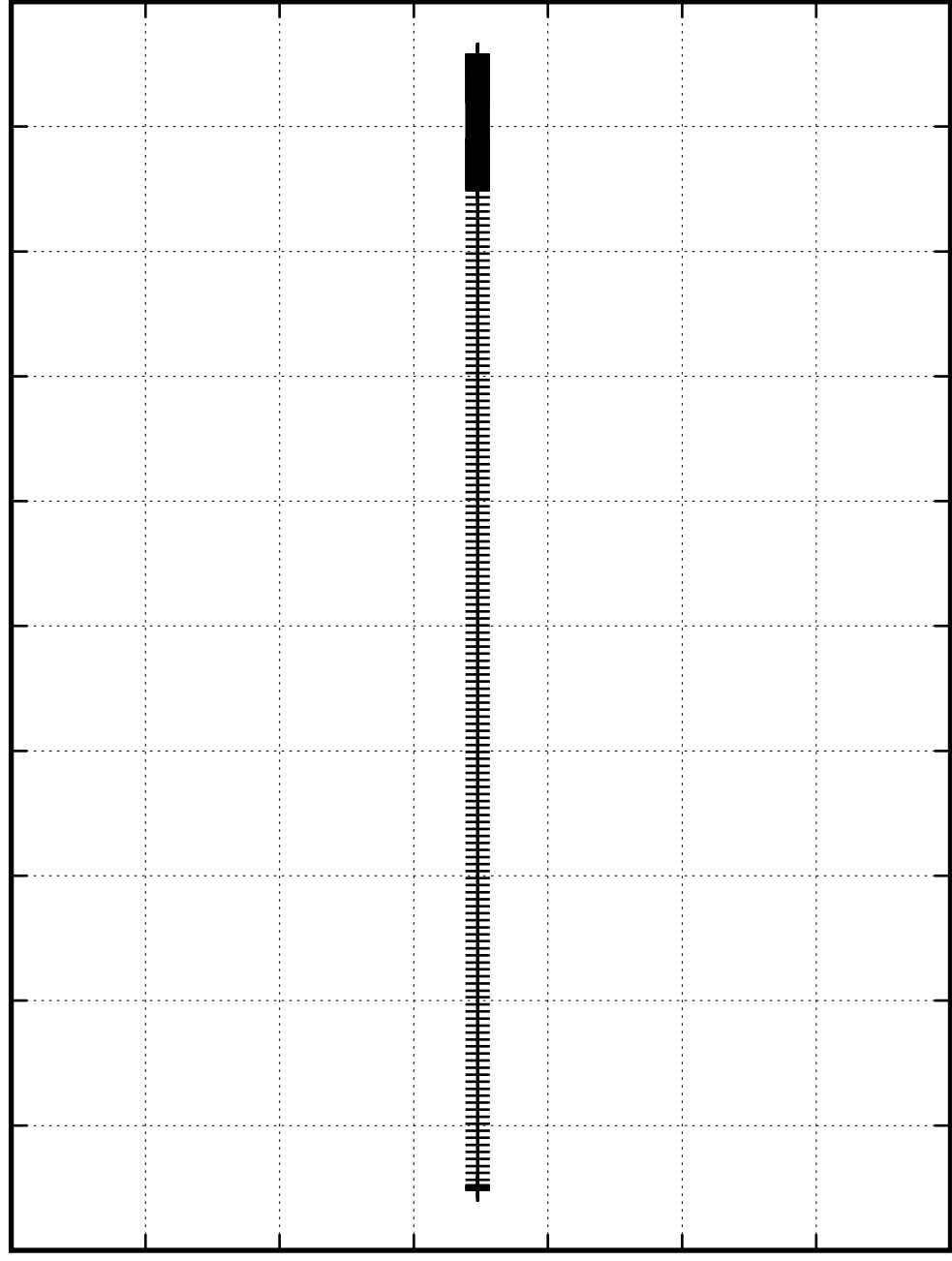


Time [Myr]

$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

$[\text{S II}]$

0.000306
0.000305
0.000304
0.000303
0.000302
0.000301
0.000300
0.000299



0 1 2 3 4 5 6 7 8 9 10

Time [Myr]

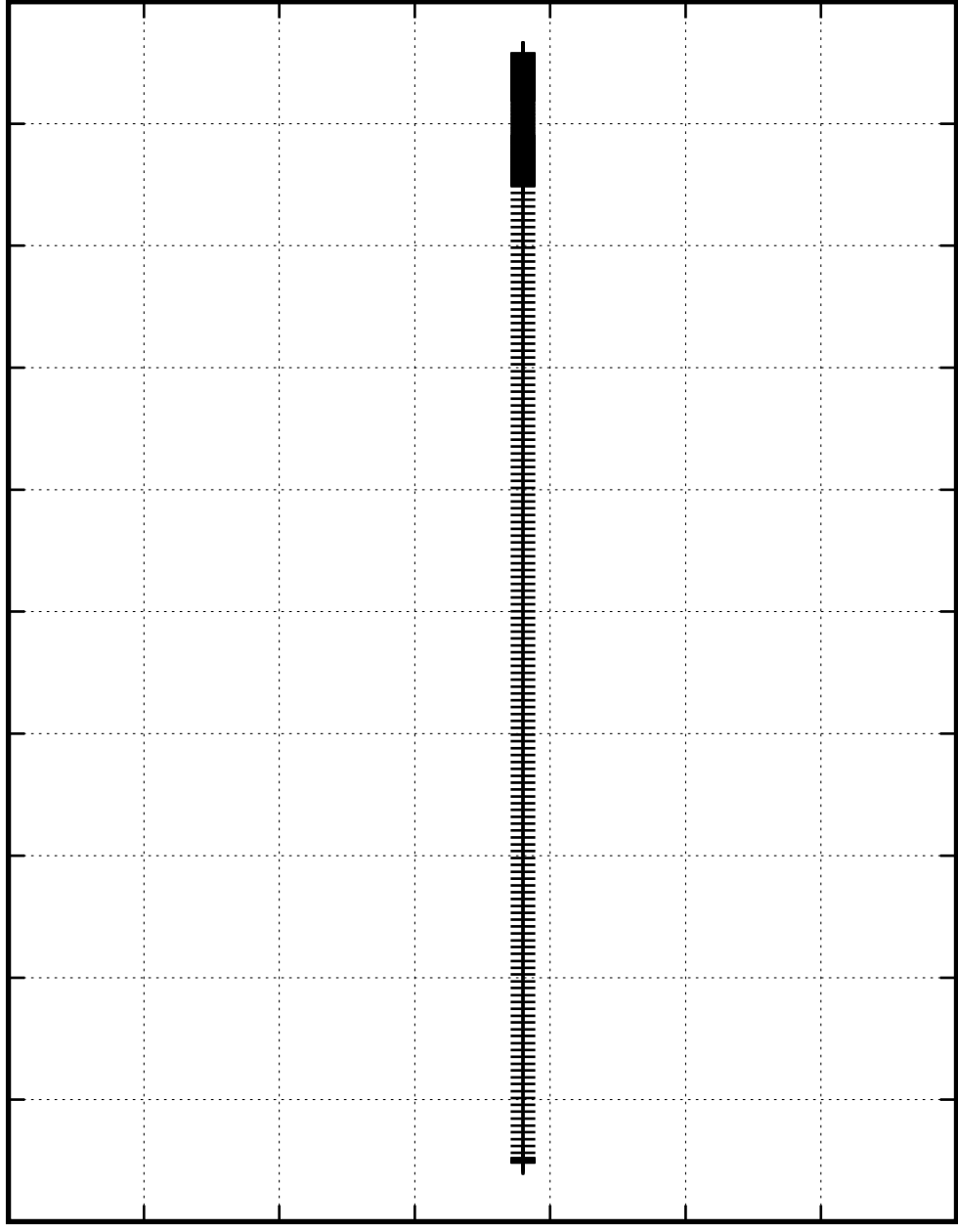
$M=19M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

0.0000161
0.0000161
0.0000160
0.0000160
0.0000159
0.0000159
0.0000158
0.0000157

[S II]

0 1 2 3 4 5 6 7 8 9 10

Time [Myr]



$M=19M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

0.00000110

0.00000109

0.00000109

0.00000108

0.00000108

0.00000107

0.00000107

[S III]

0

1

2

3

4

5

6

7

8

9

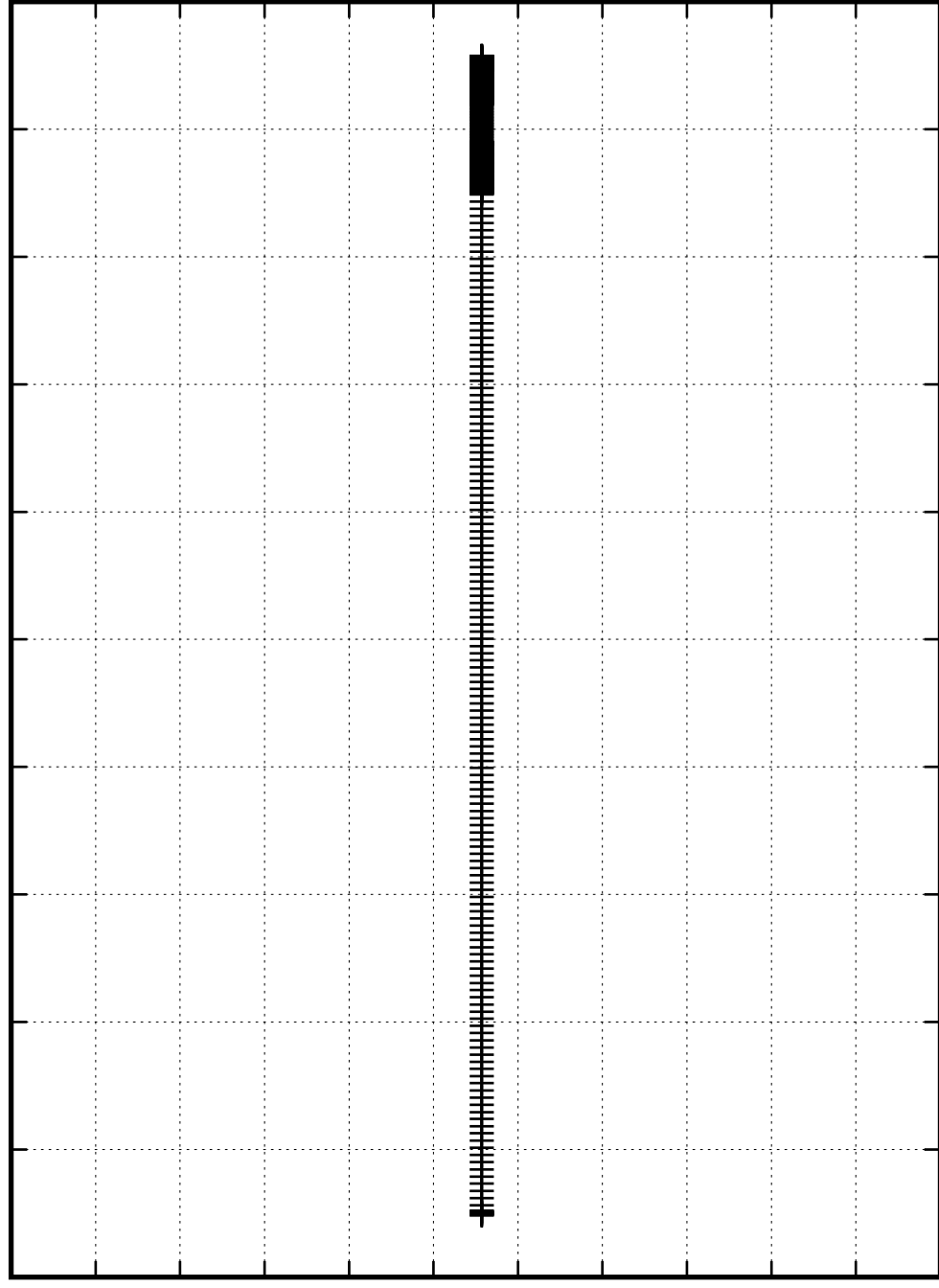
10

Time [Myr]

$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

0.00047
0.00047
0.00047
0.00047
0.00047
0.00047
0.00046
0.00046
0.00046
0.00046
0.00046
0.00046

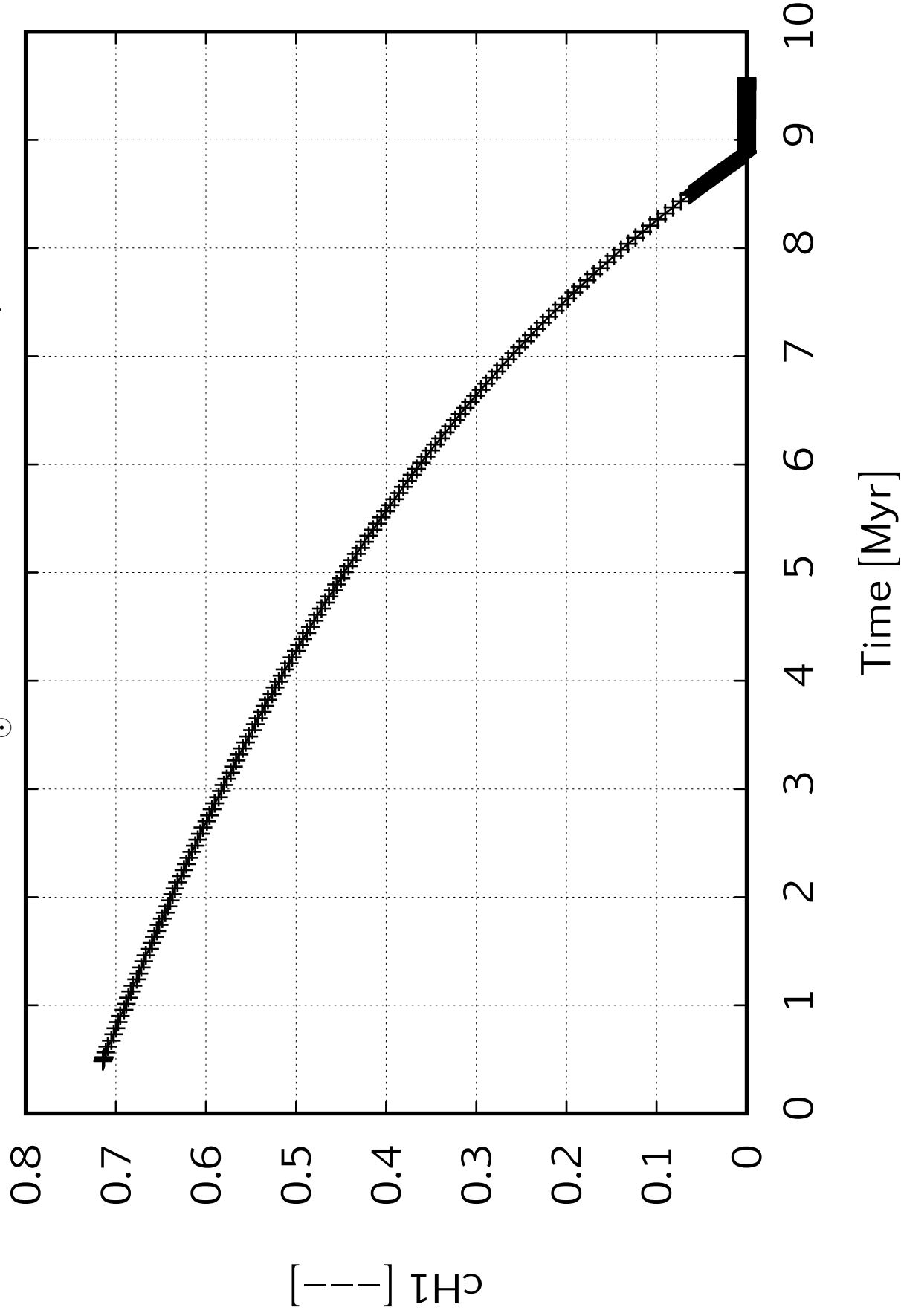
$[\text{Fe}56]$

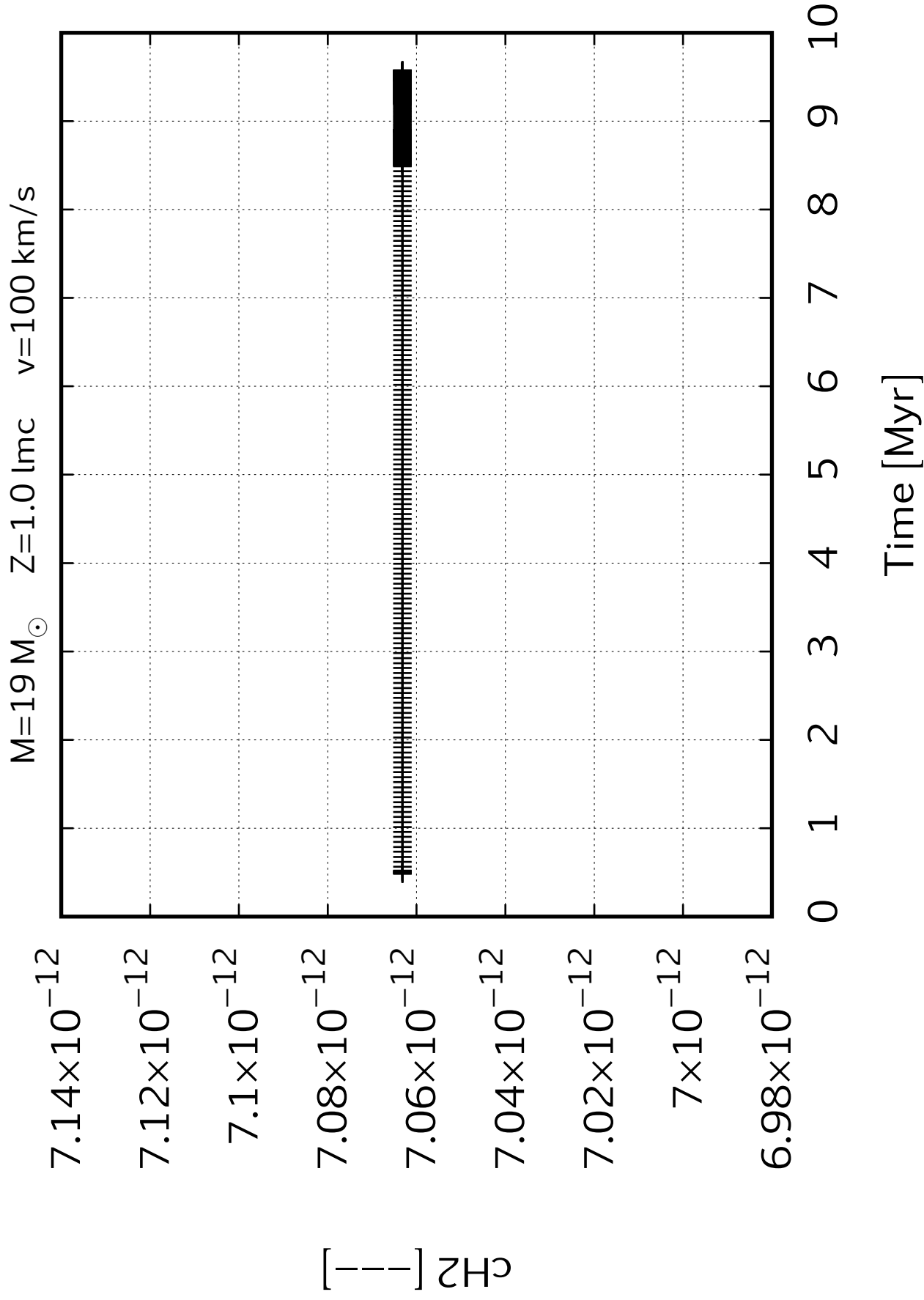


0 1 2 3 4 5 6 7 8 9 10

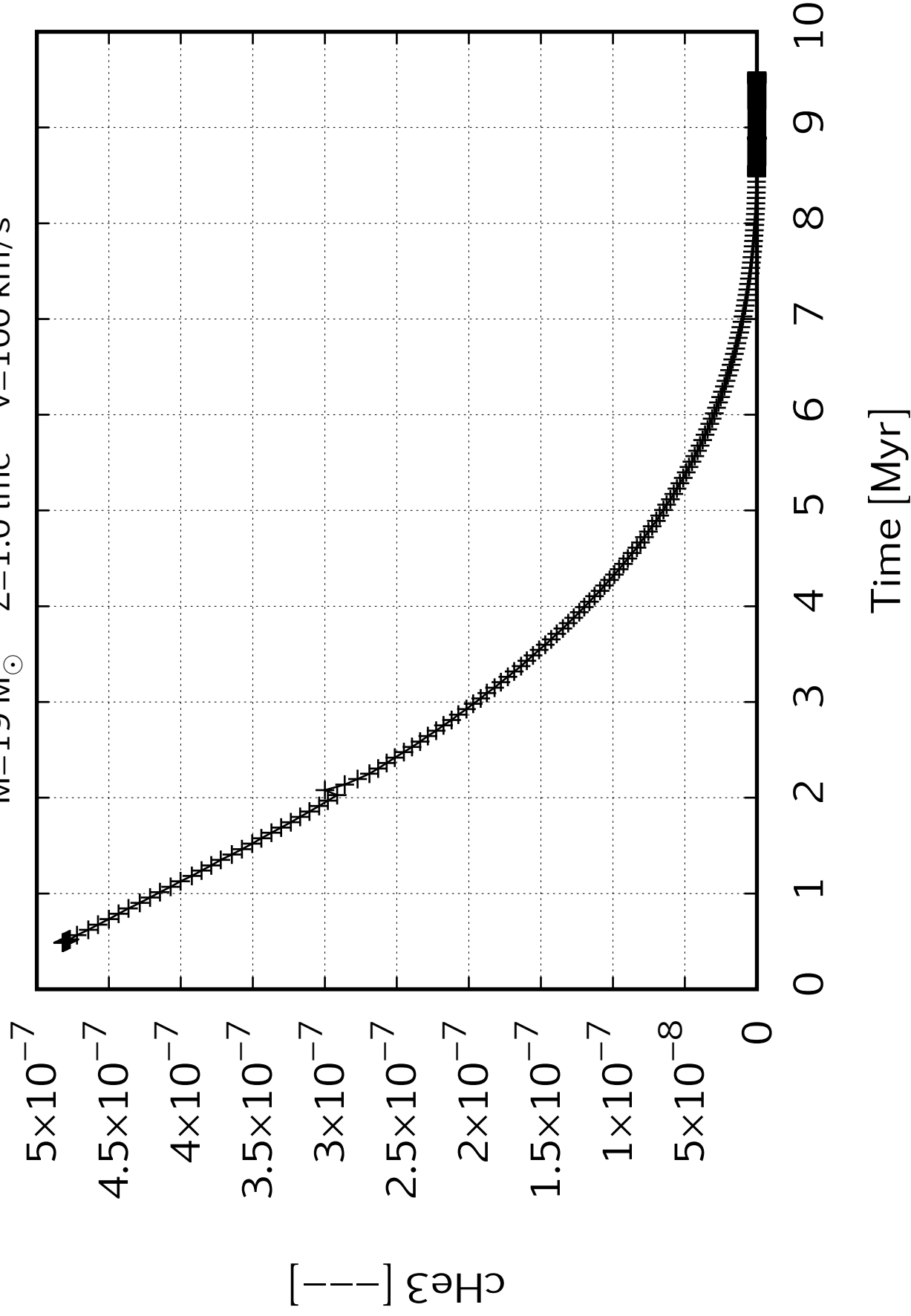
Time [Myr]

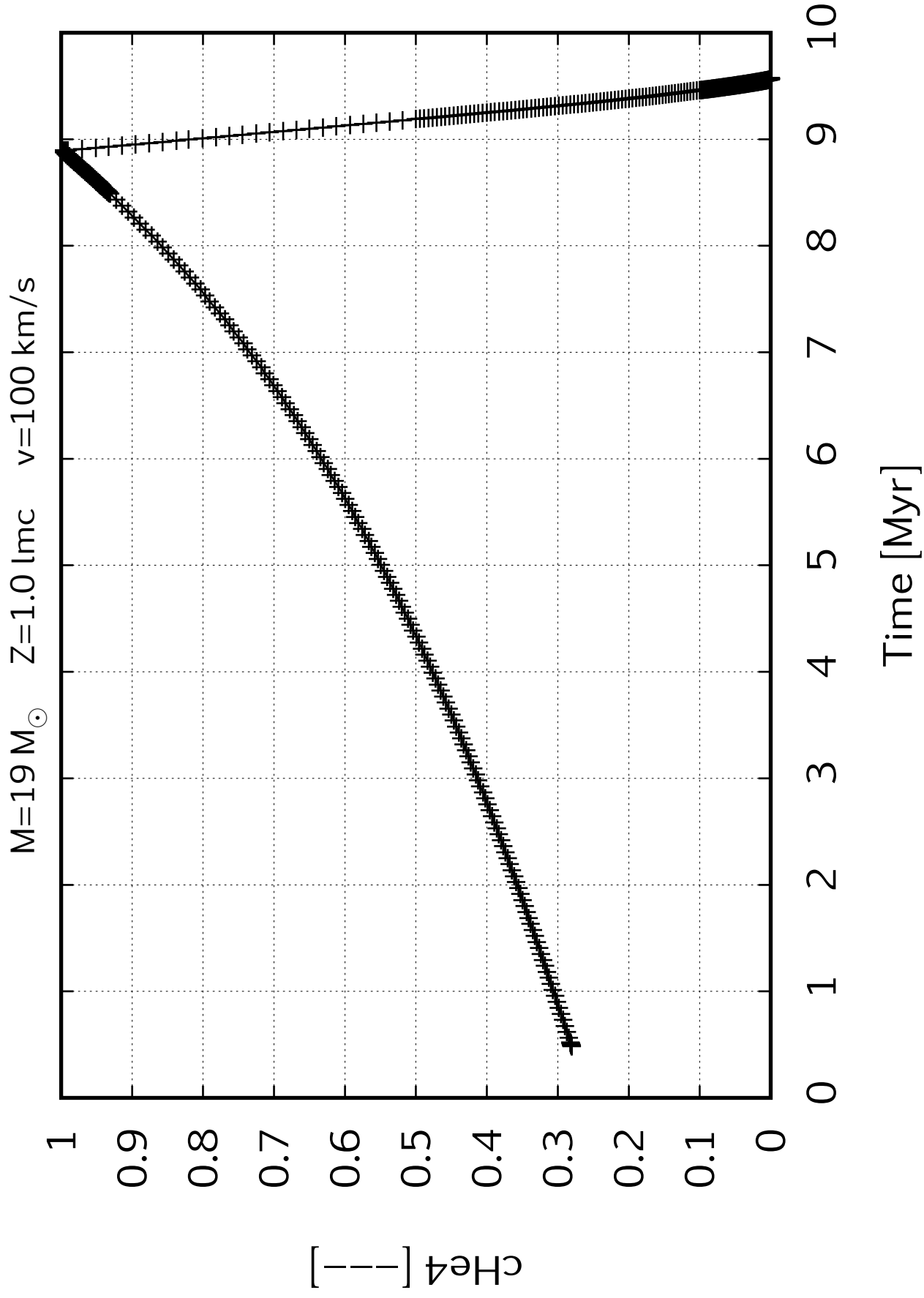
$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s



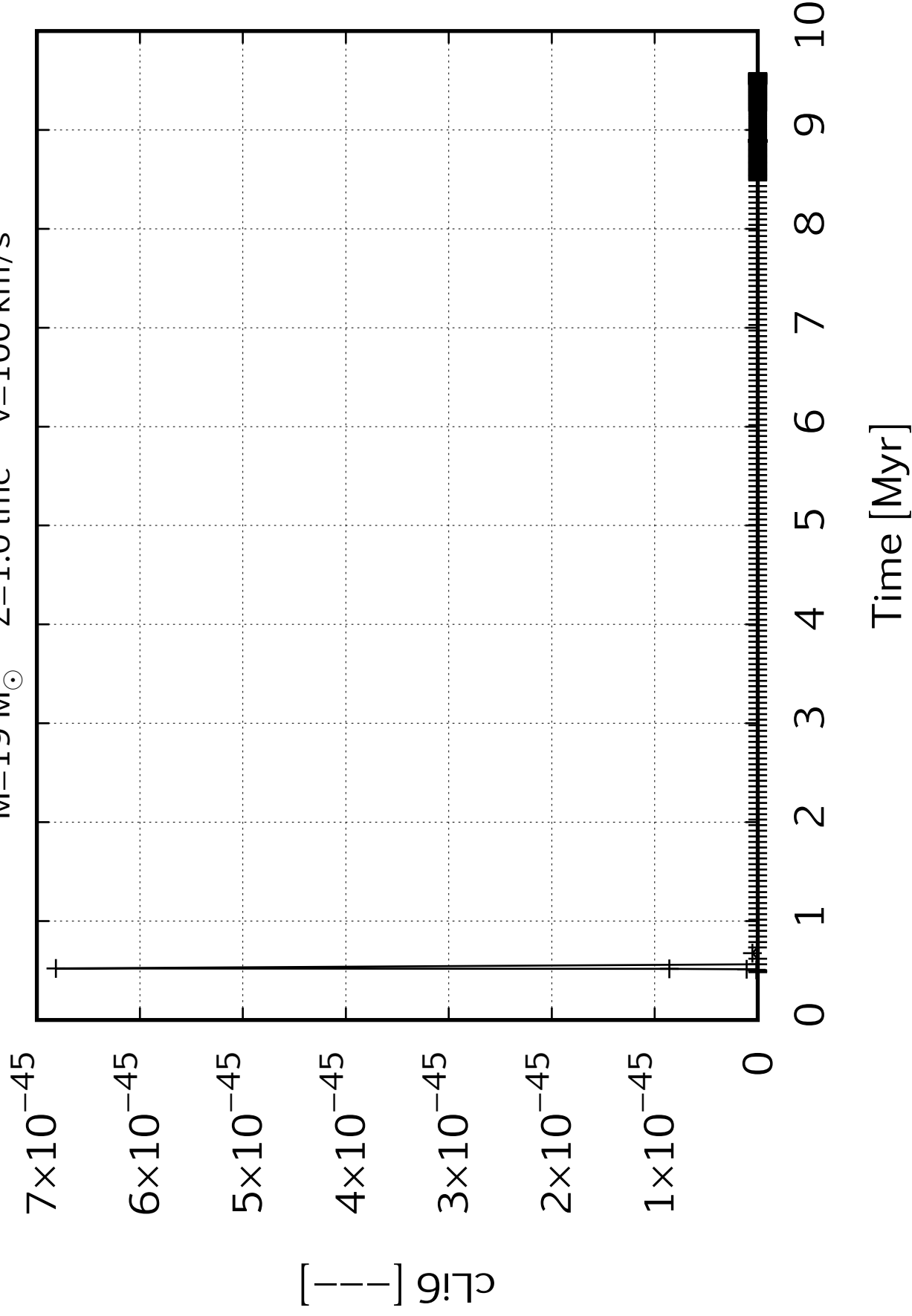


$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

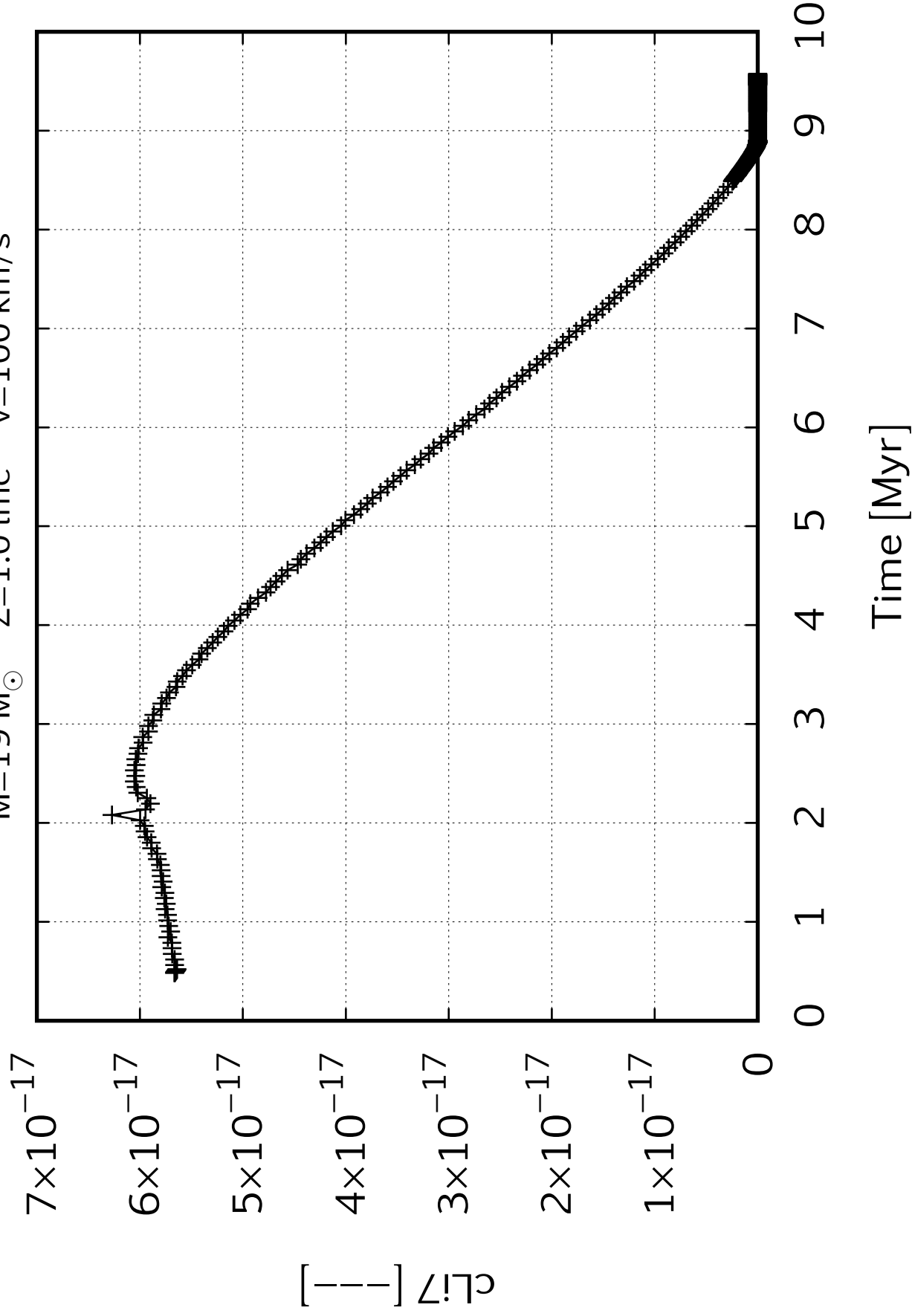




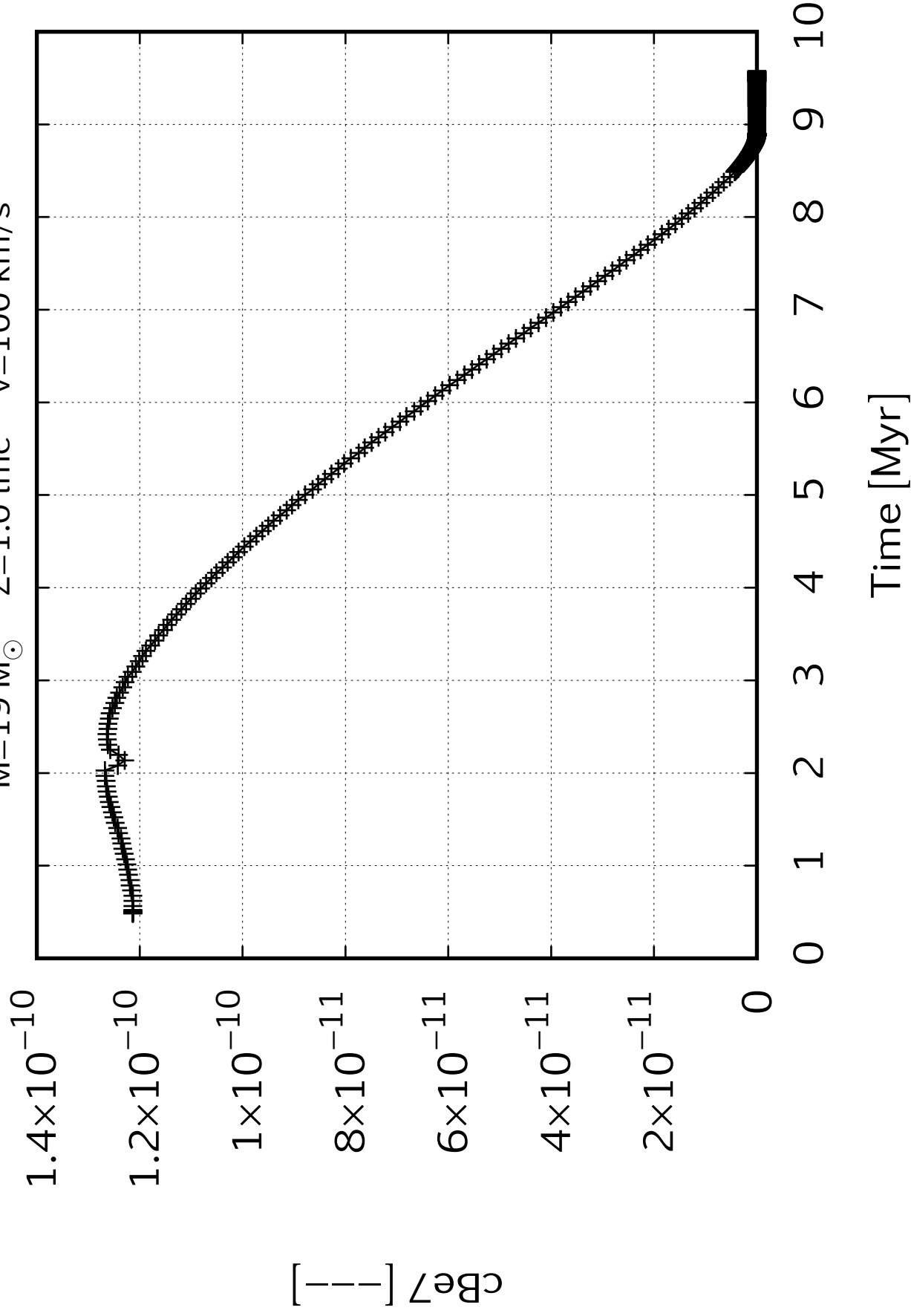
$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

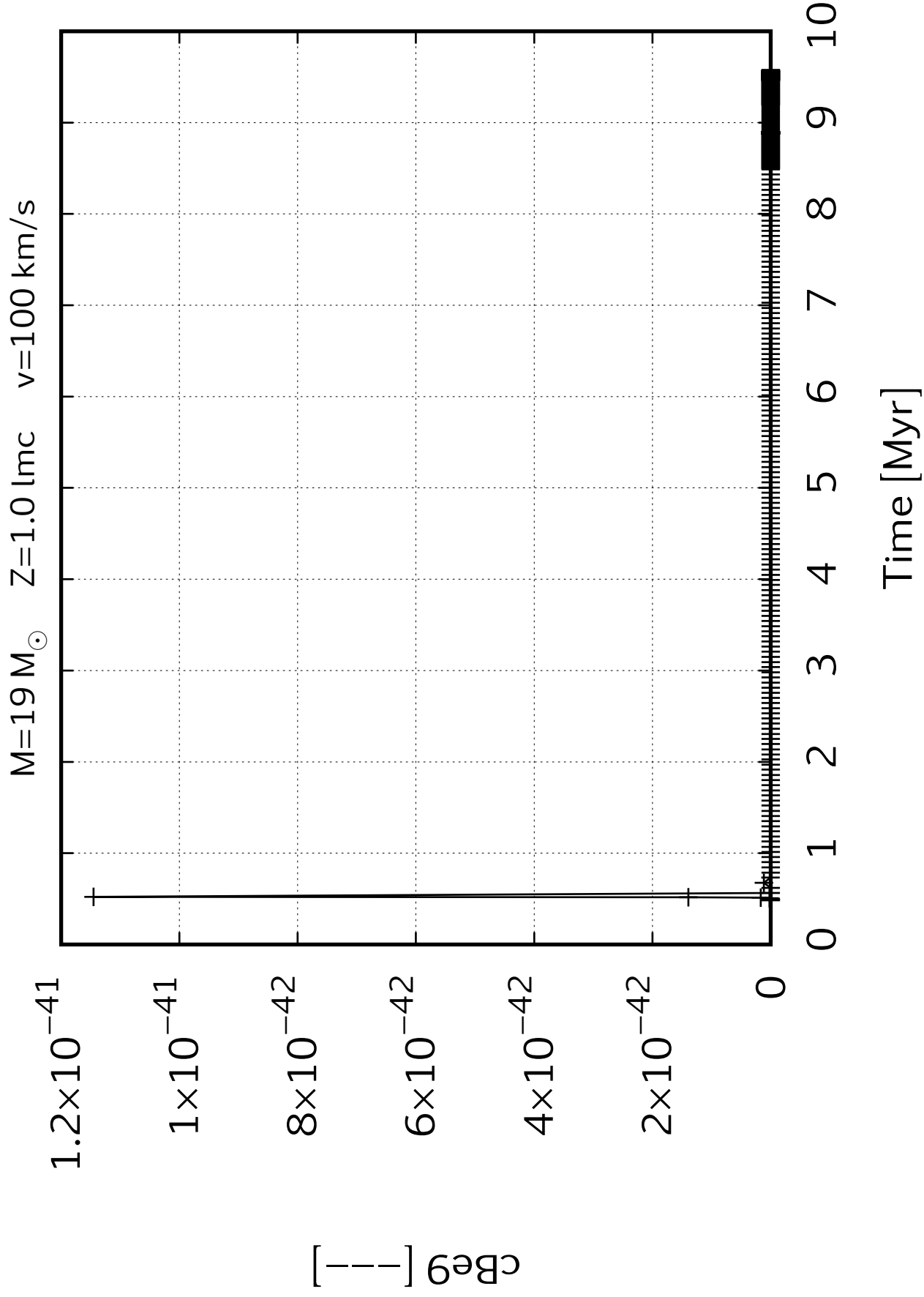


$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

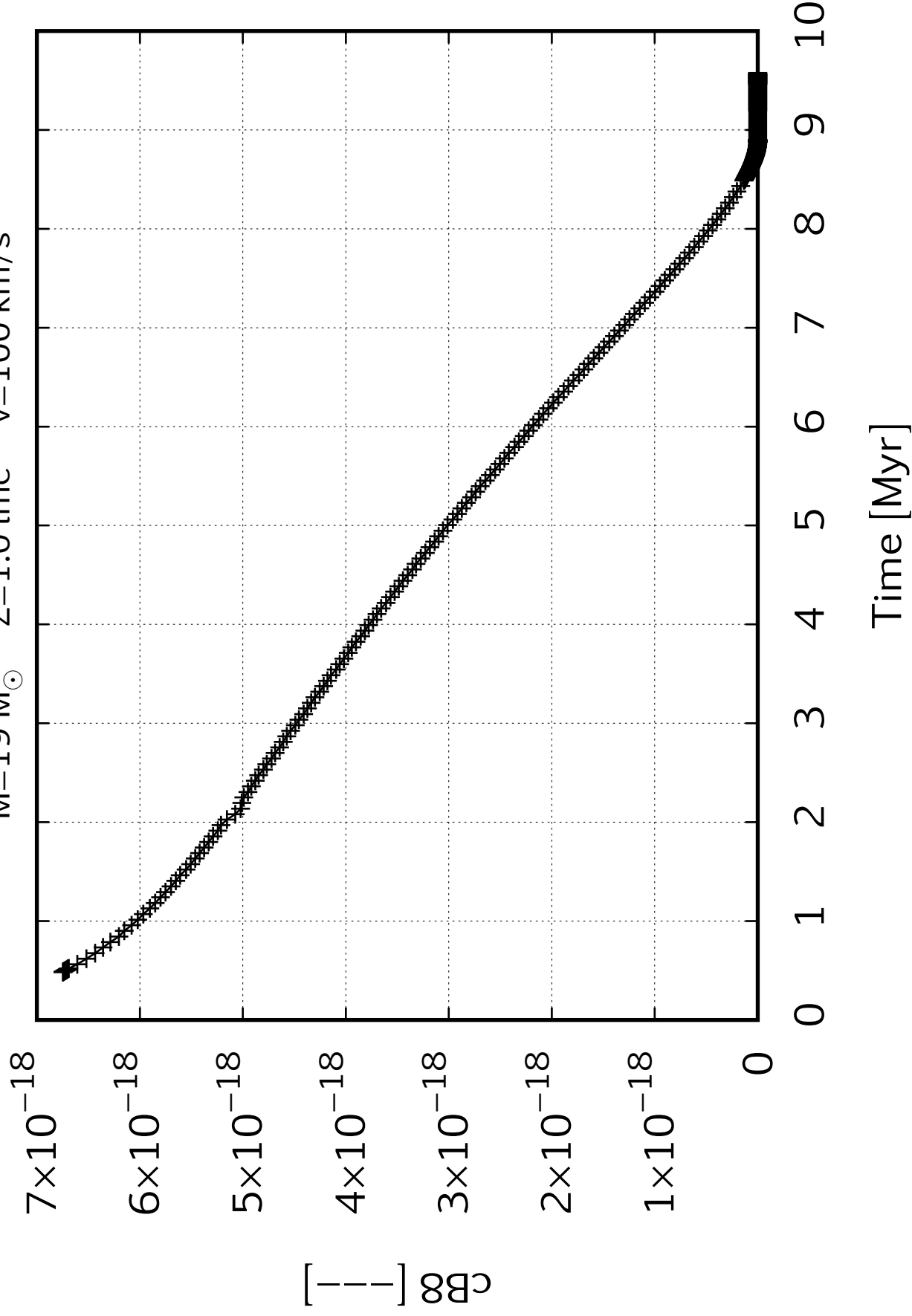


$M=19M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s





$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s



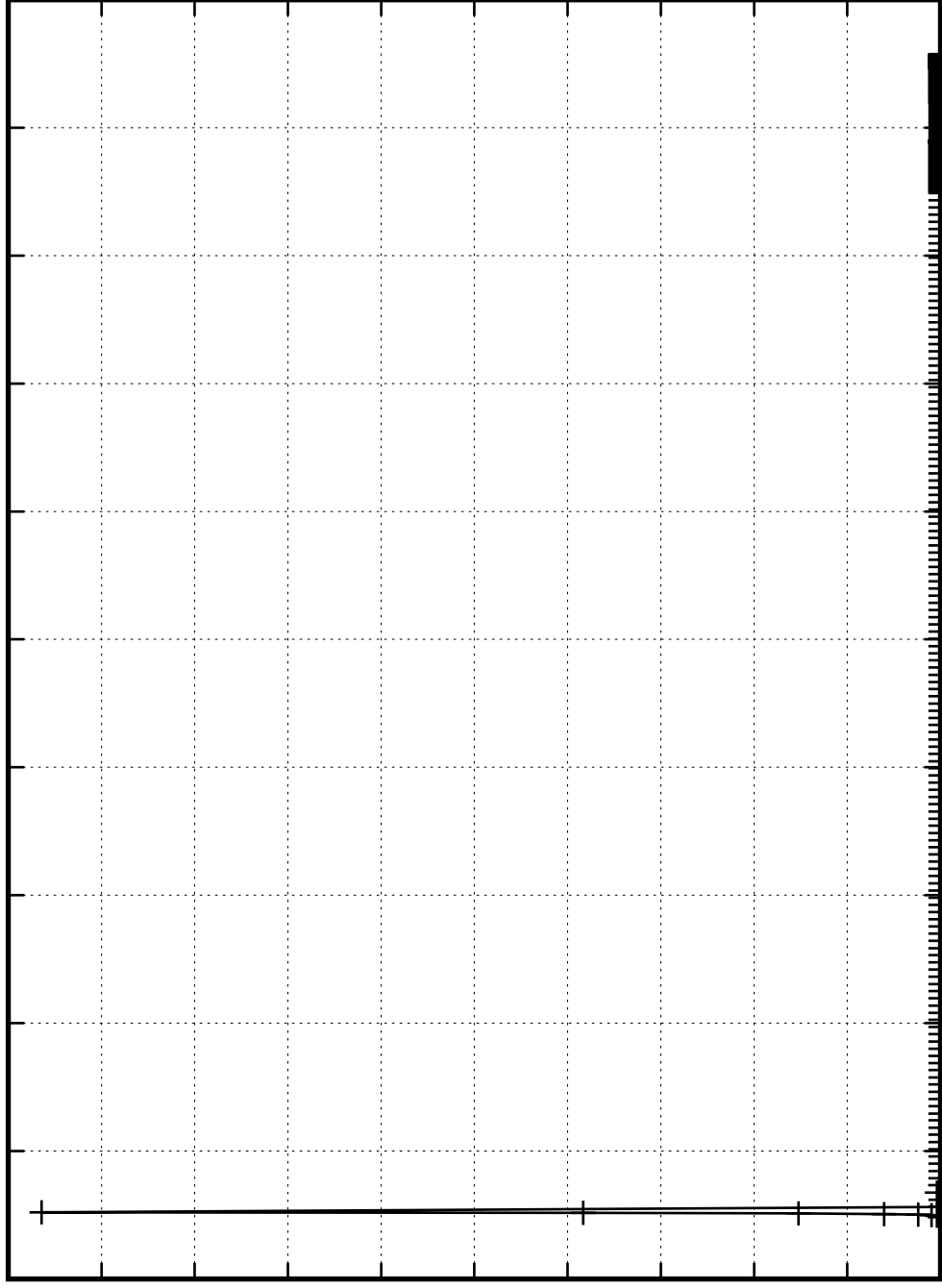
$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

1×10^{-32}
 9×10^{-33}
 8×10^{-33}
 7×10^{-33}
 6×10^{-33}
 5×10^{-33}
 4×10^{-33}
 3×10^{-33}
 2×10^{-33}
 1×10^{-33}
0

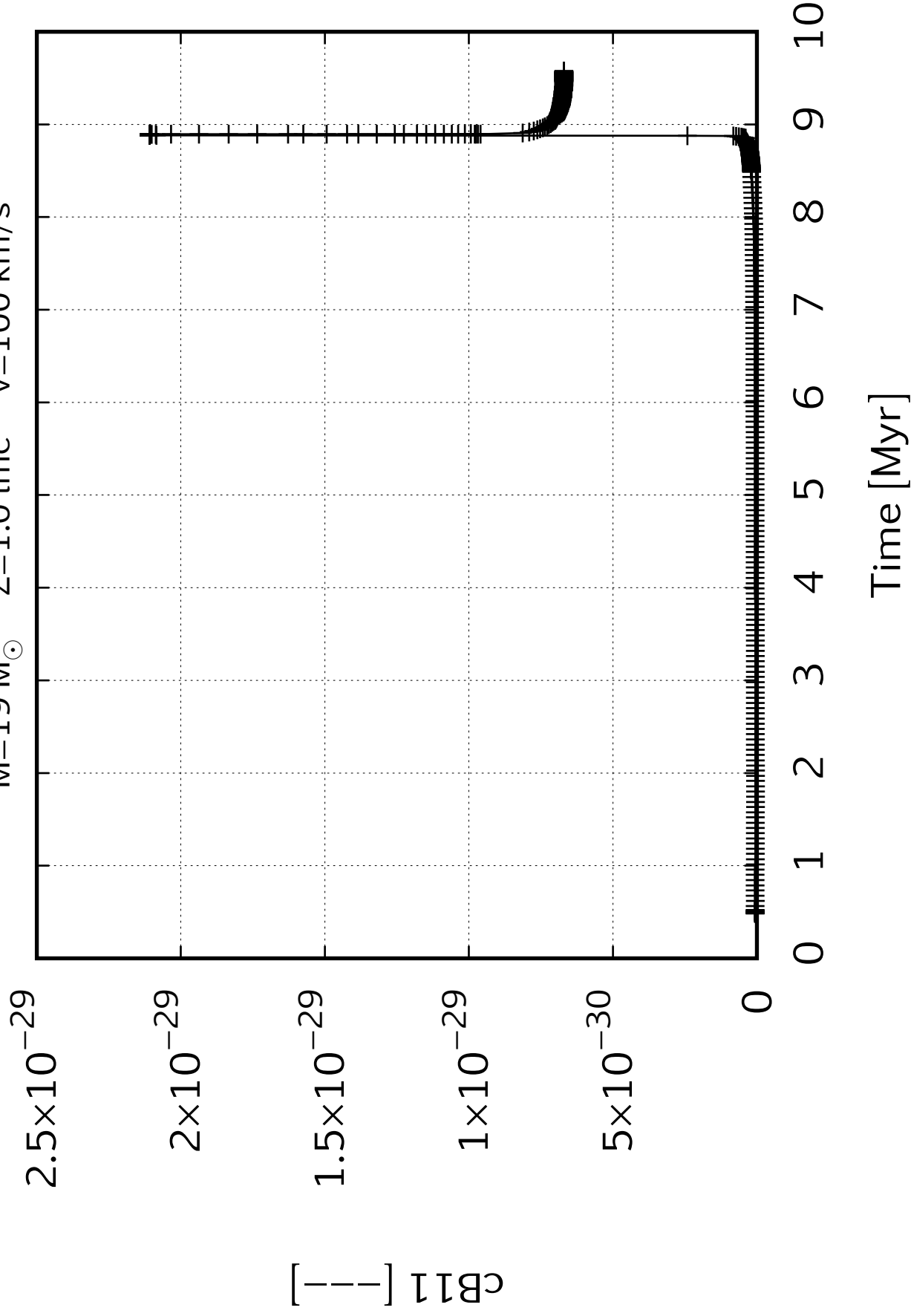
$[C\ II]$

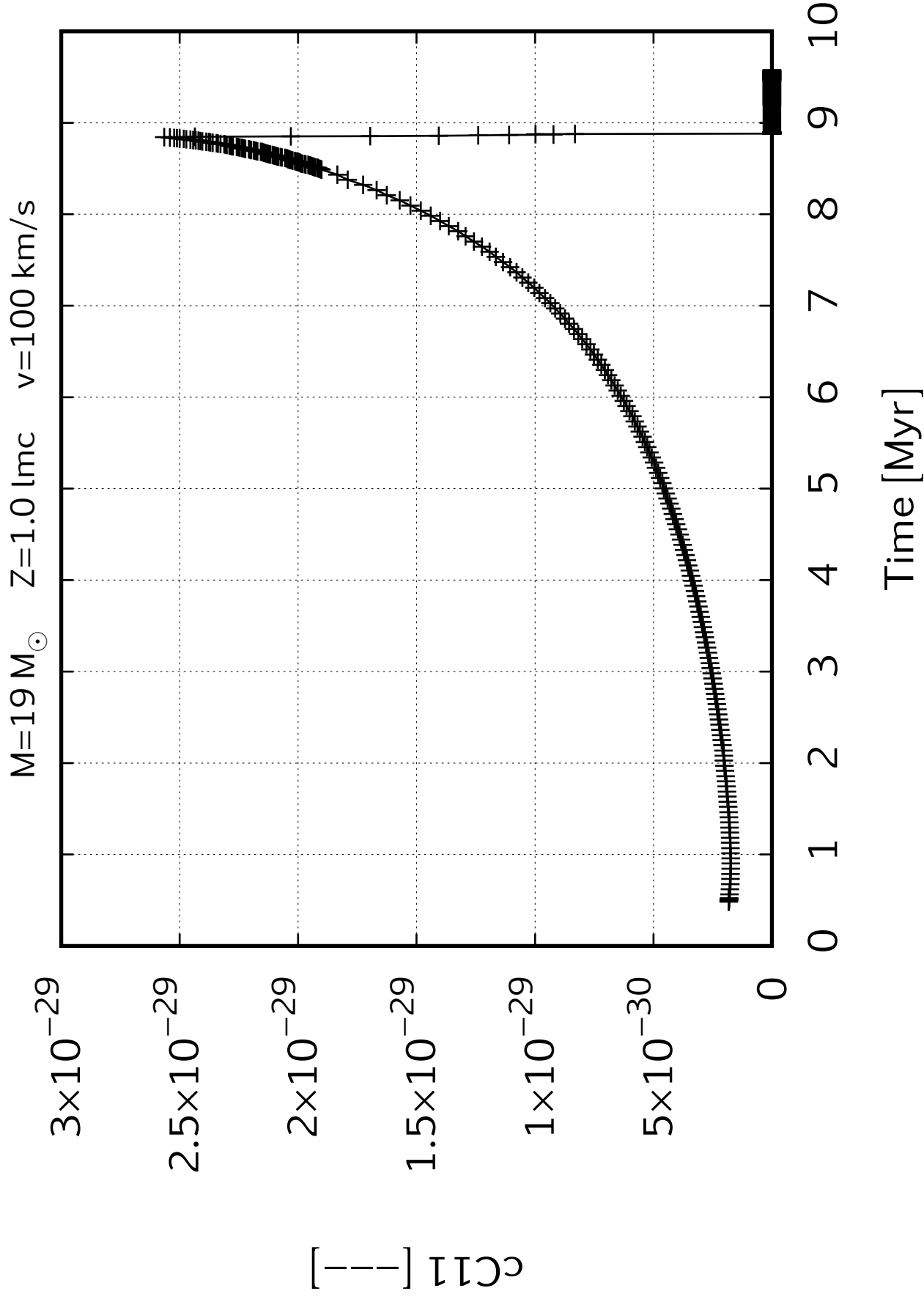
0 1 2 3 4 5 6 7 8 9 10

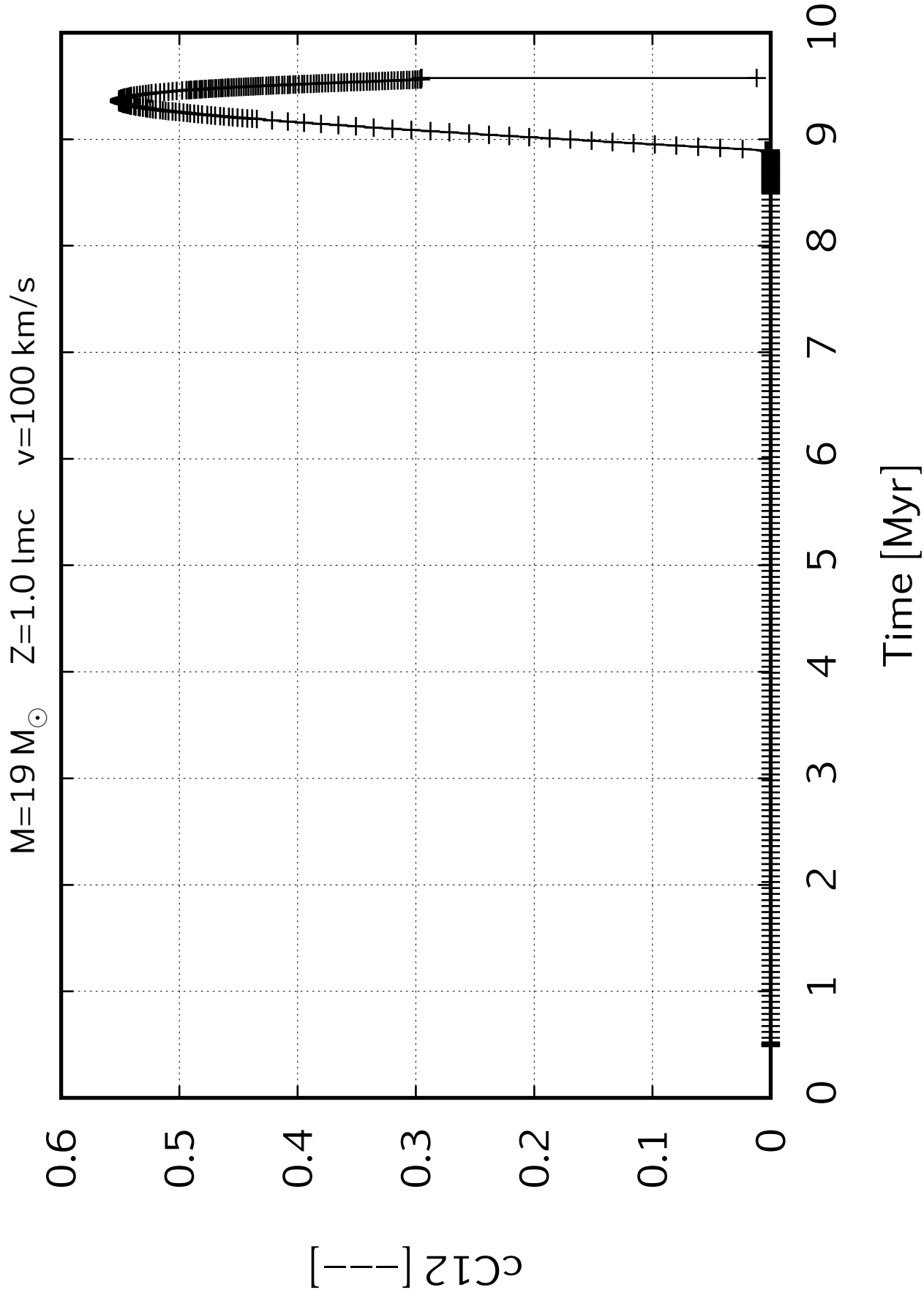
Time [Myr]



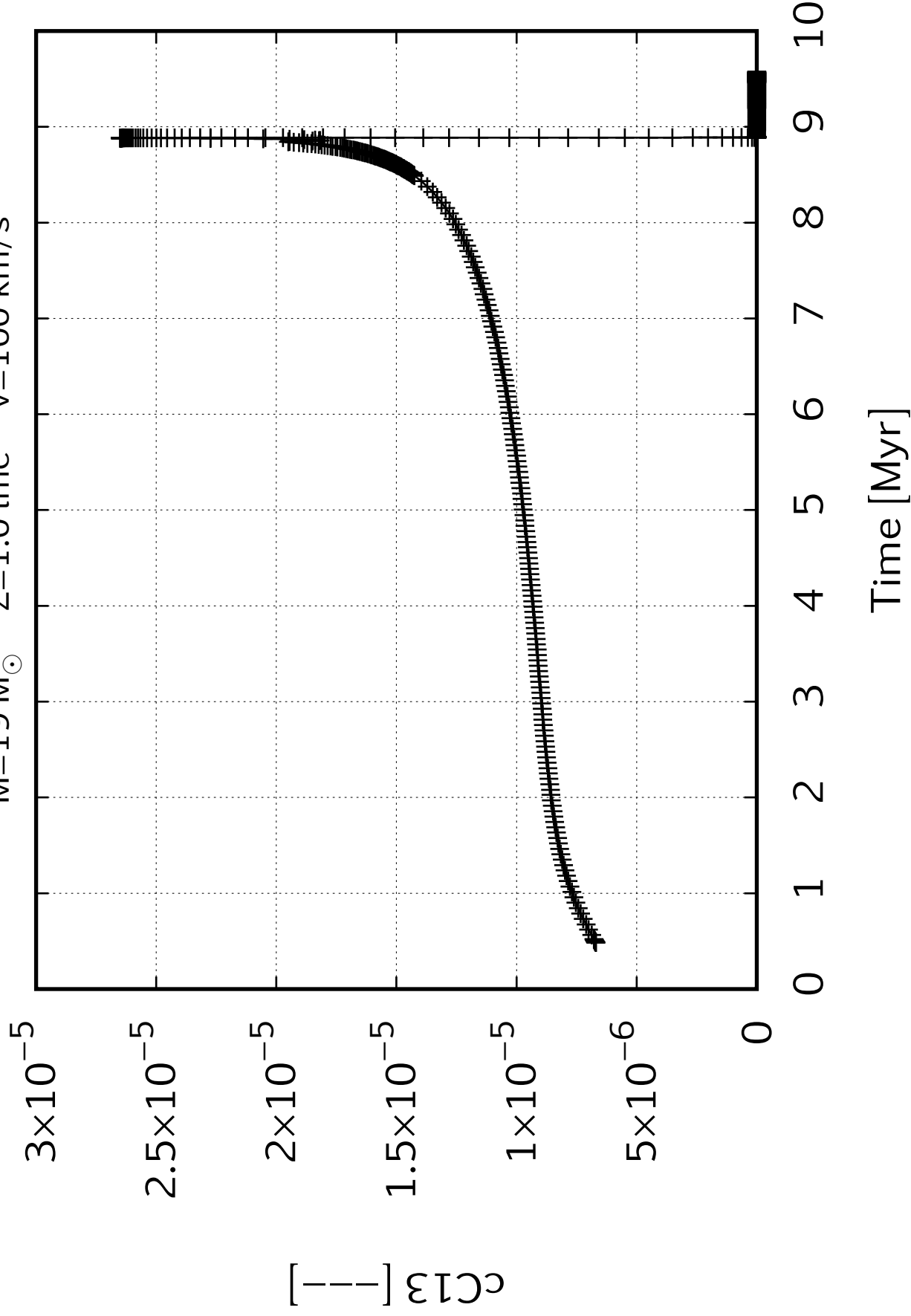
$M=19M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

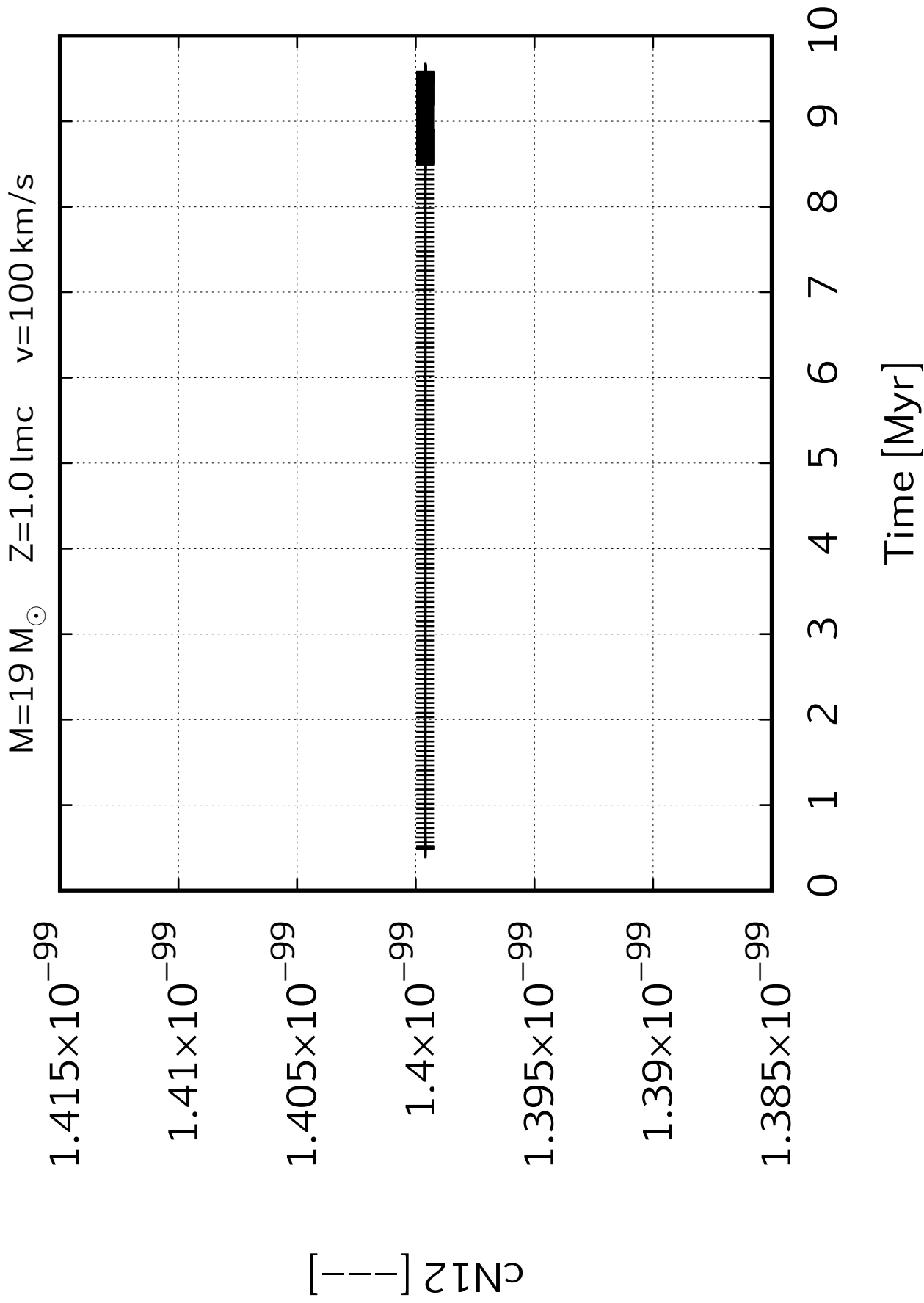




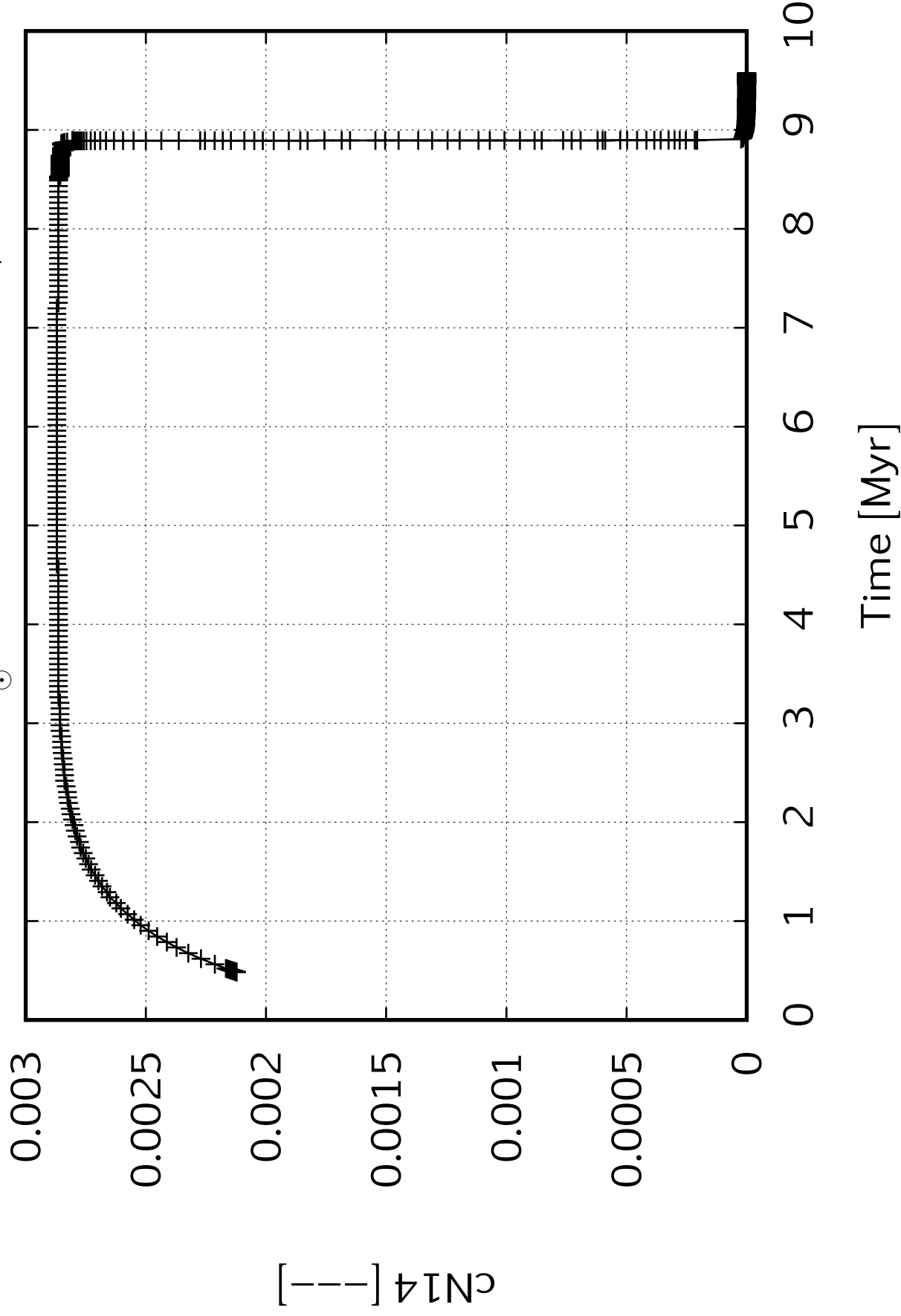


$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

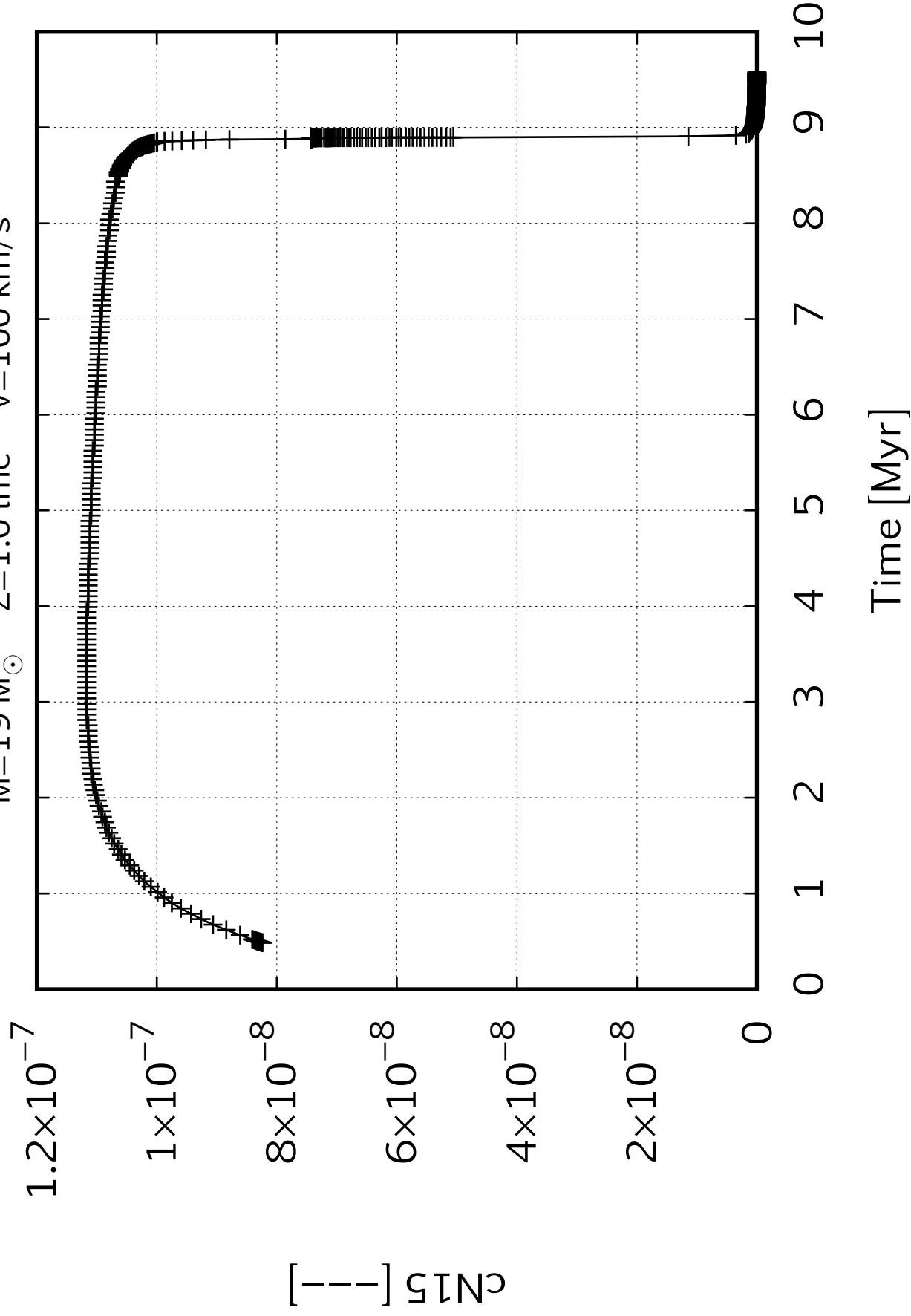


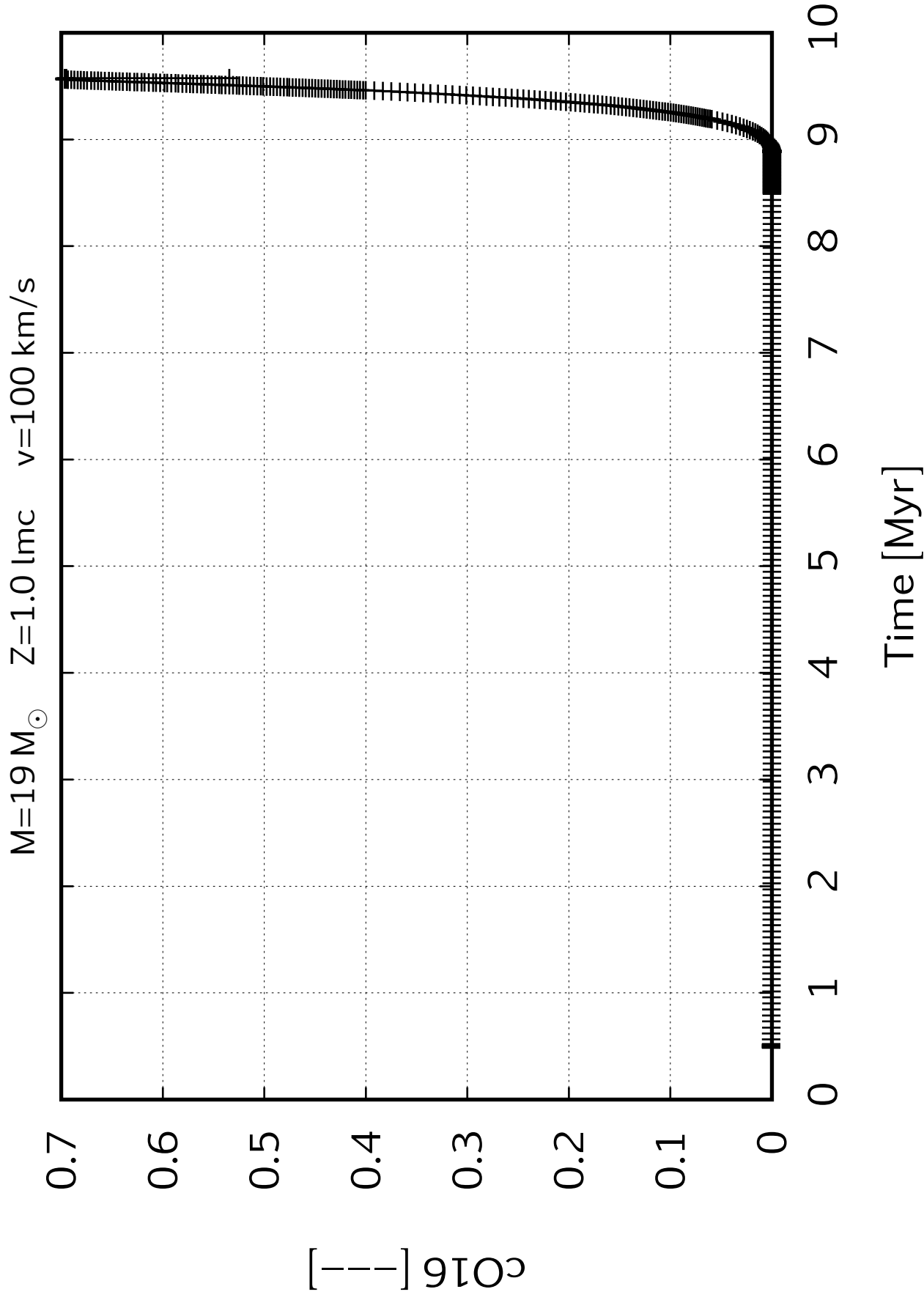


$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

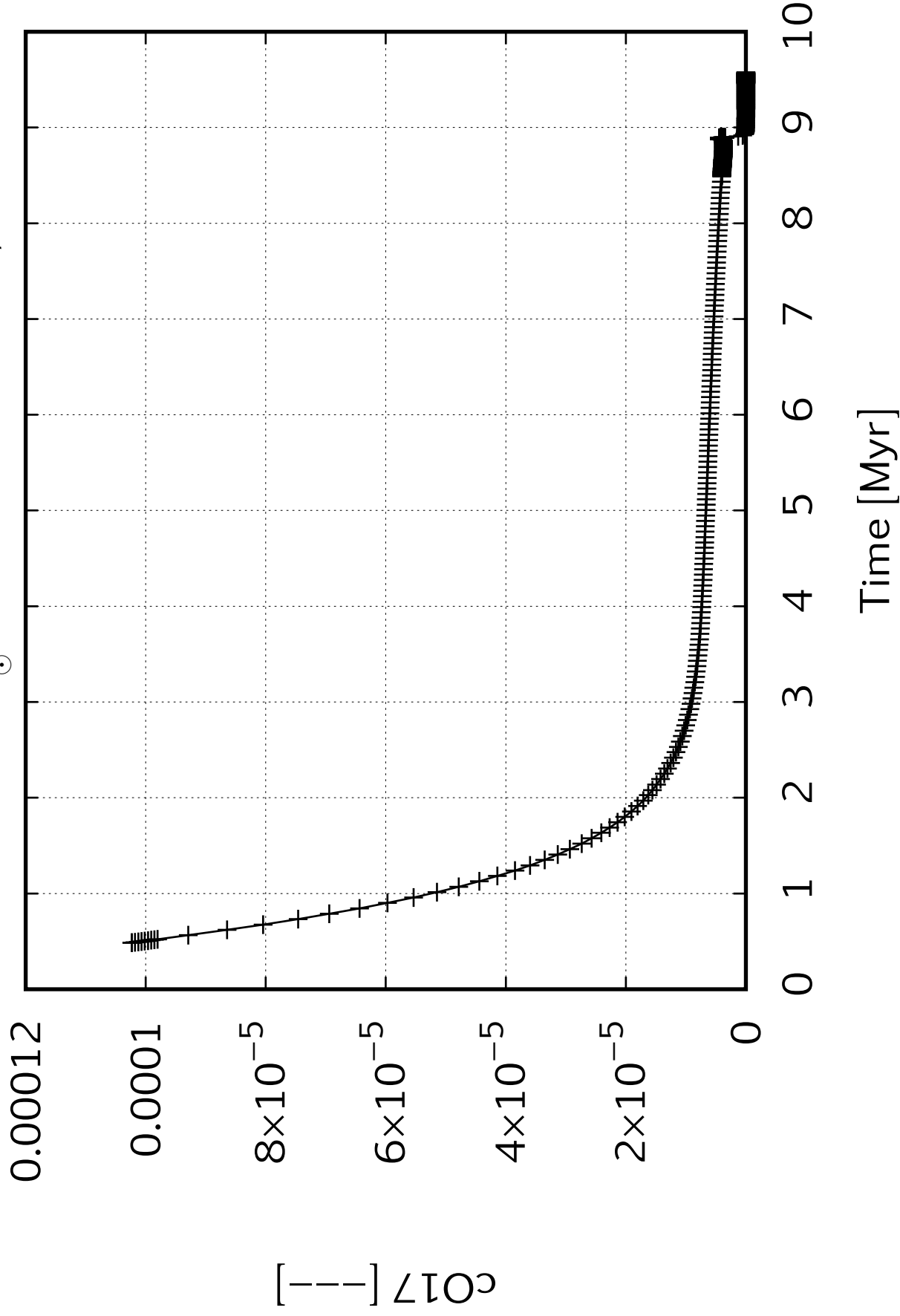


$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

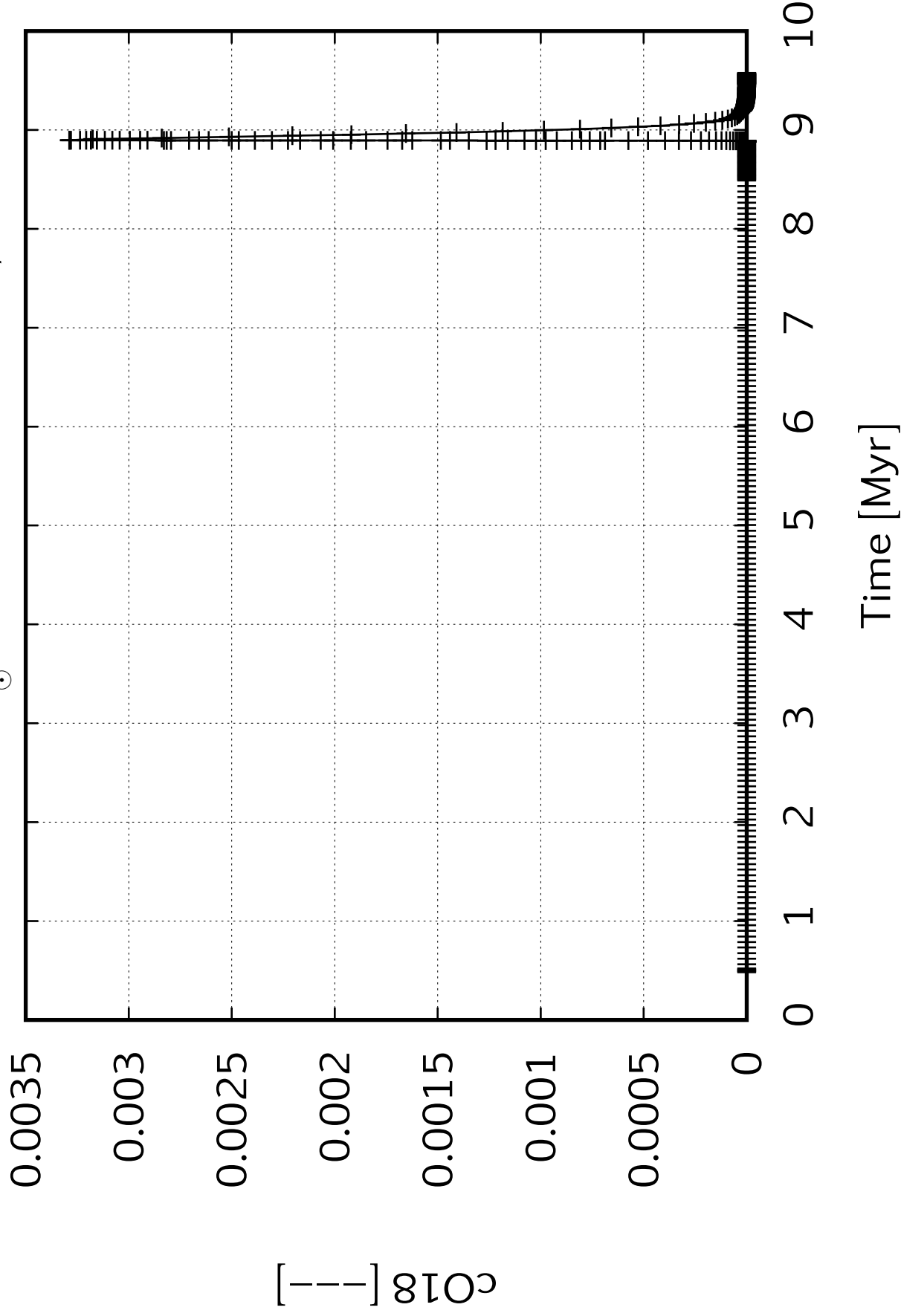




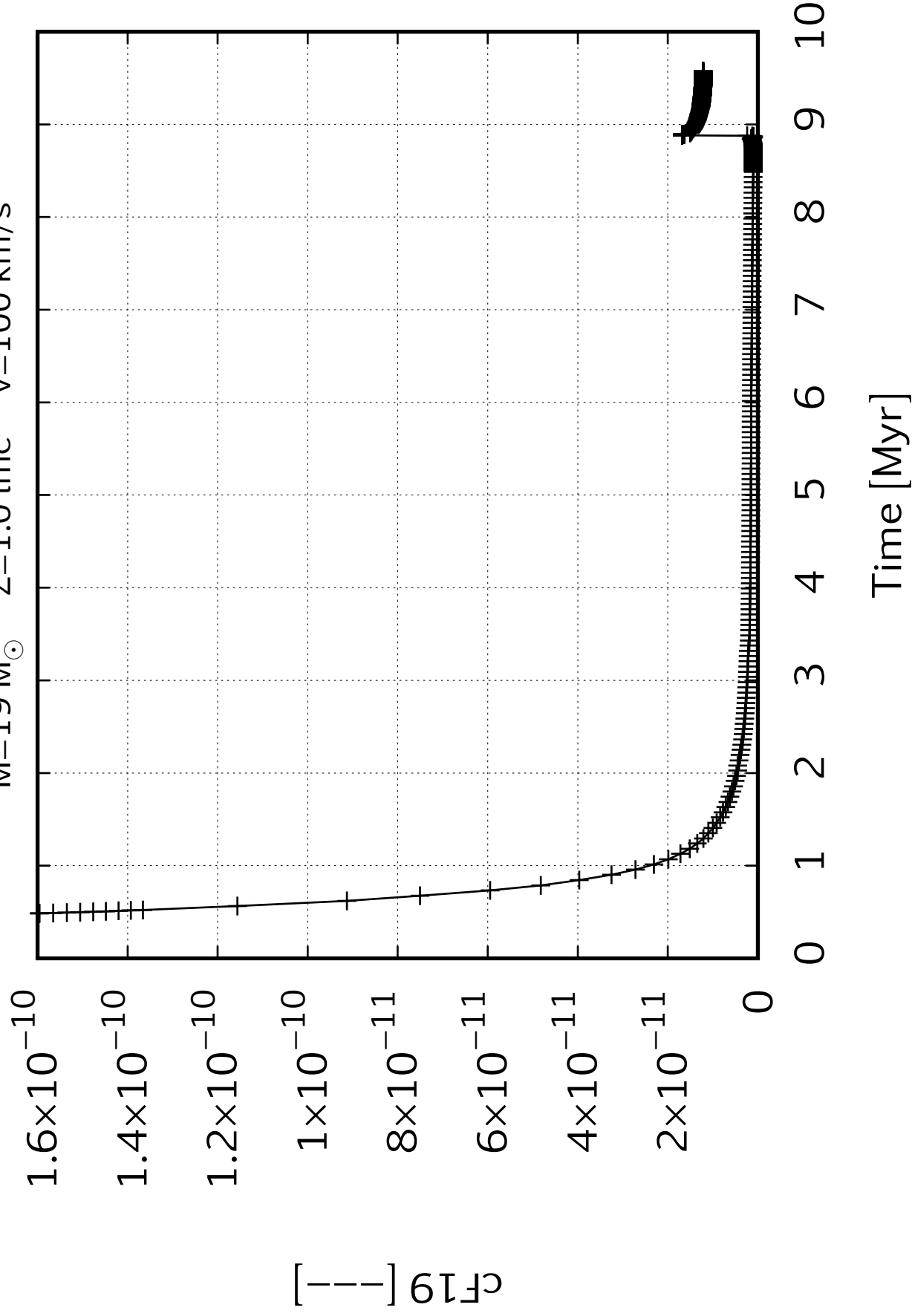
$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s



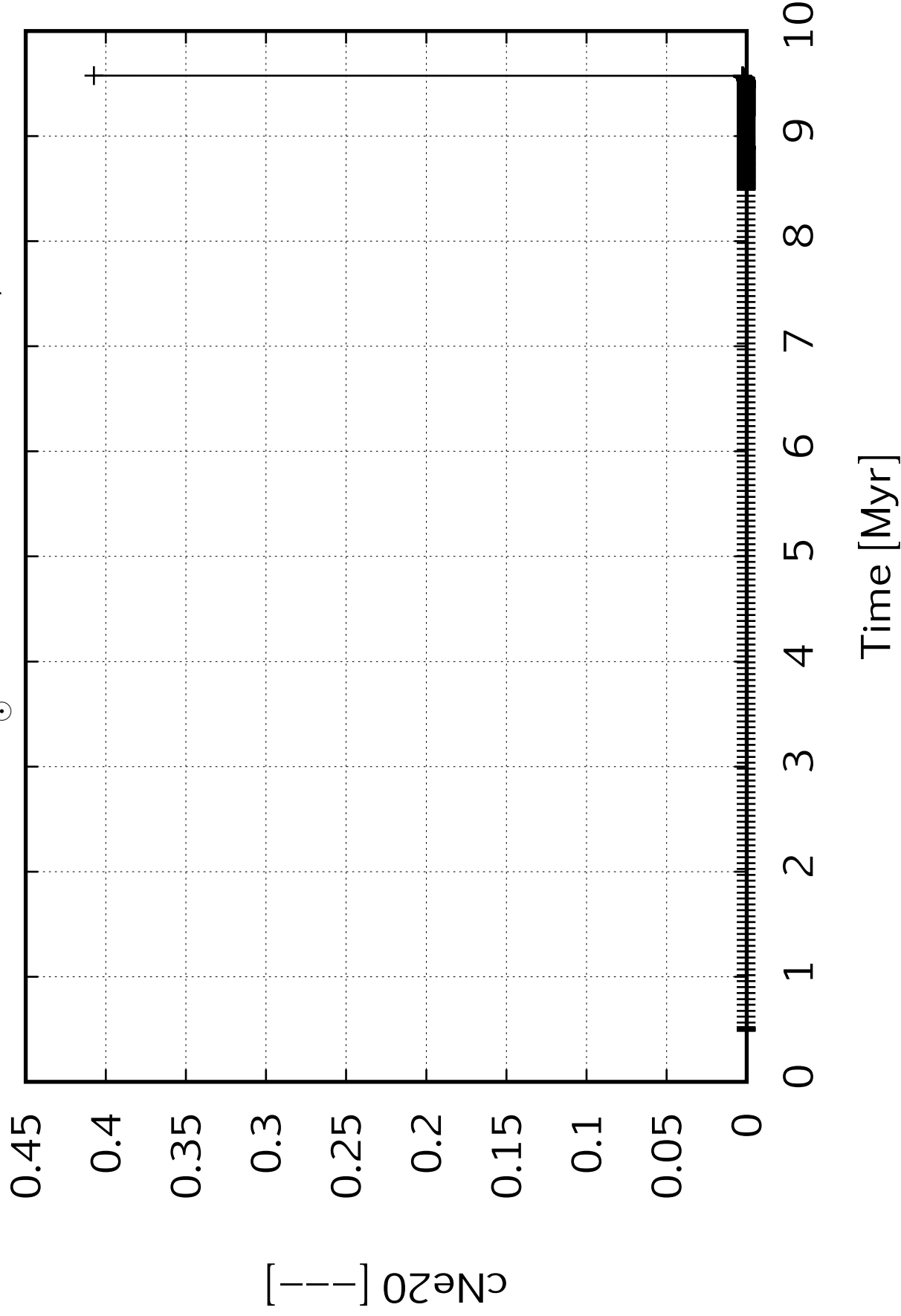
$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

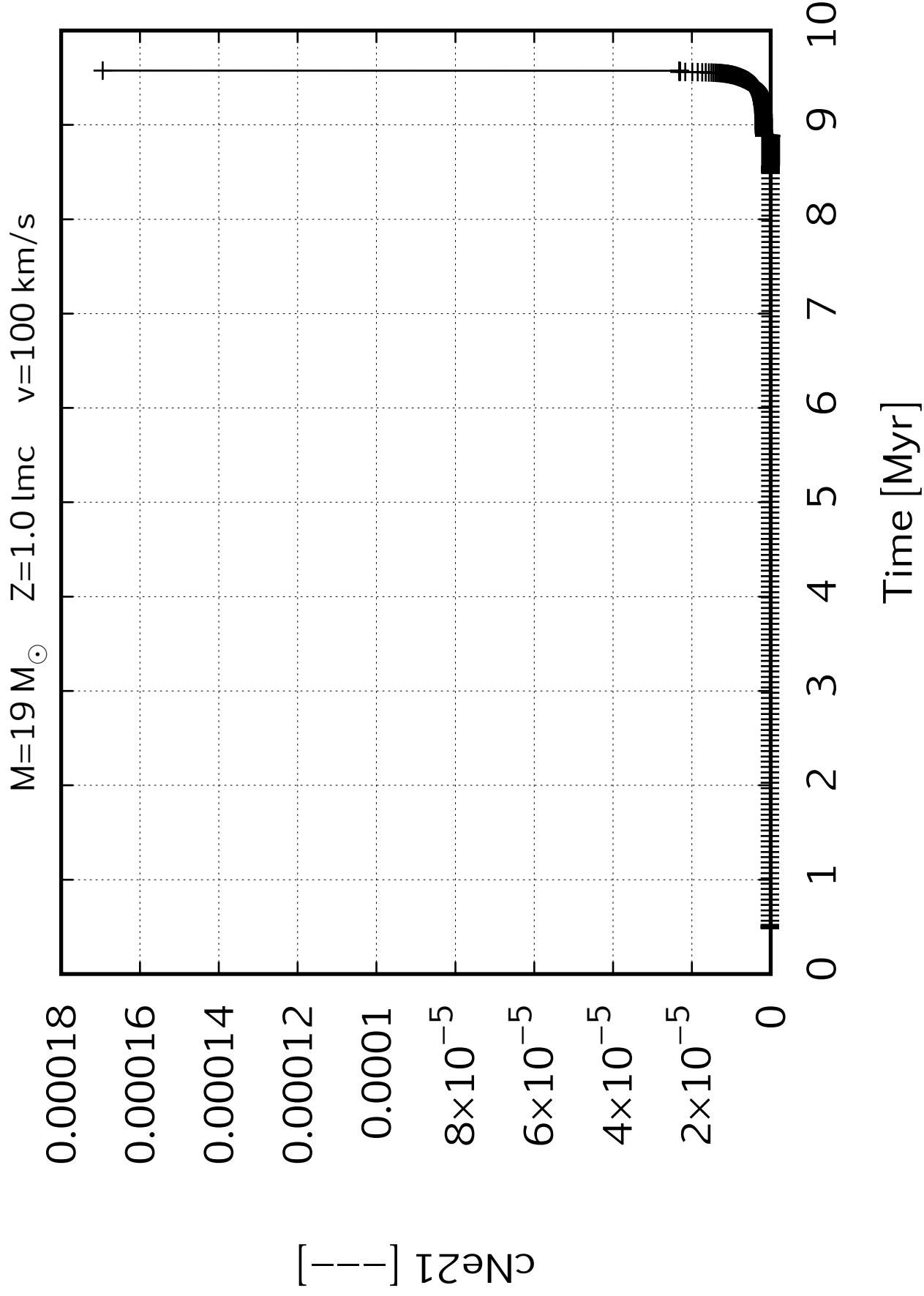


$M=19M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s



$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s





$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

0.0045

0.004

0.0035

0.003

0.0025

0.002

0.0015

0.001

0.0005

0

$c_{\text{Ne}22} [-]$

0

1

2

3

4

5

6

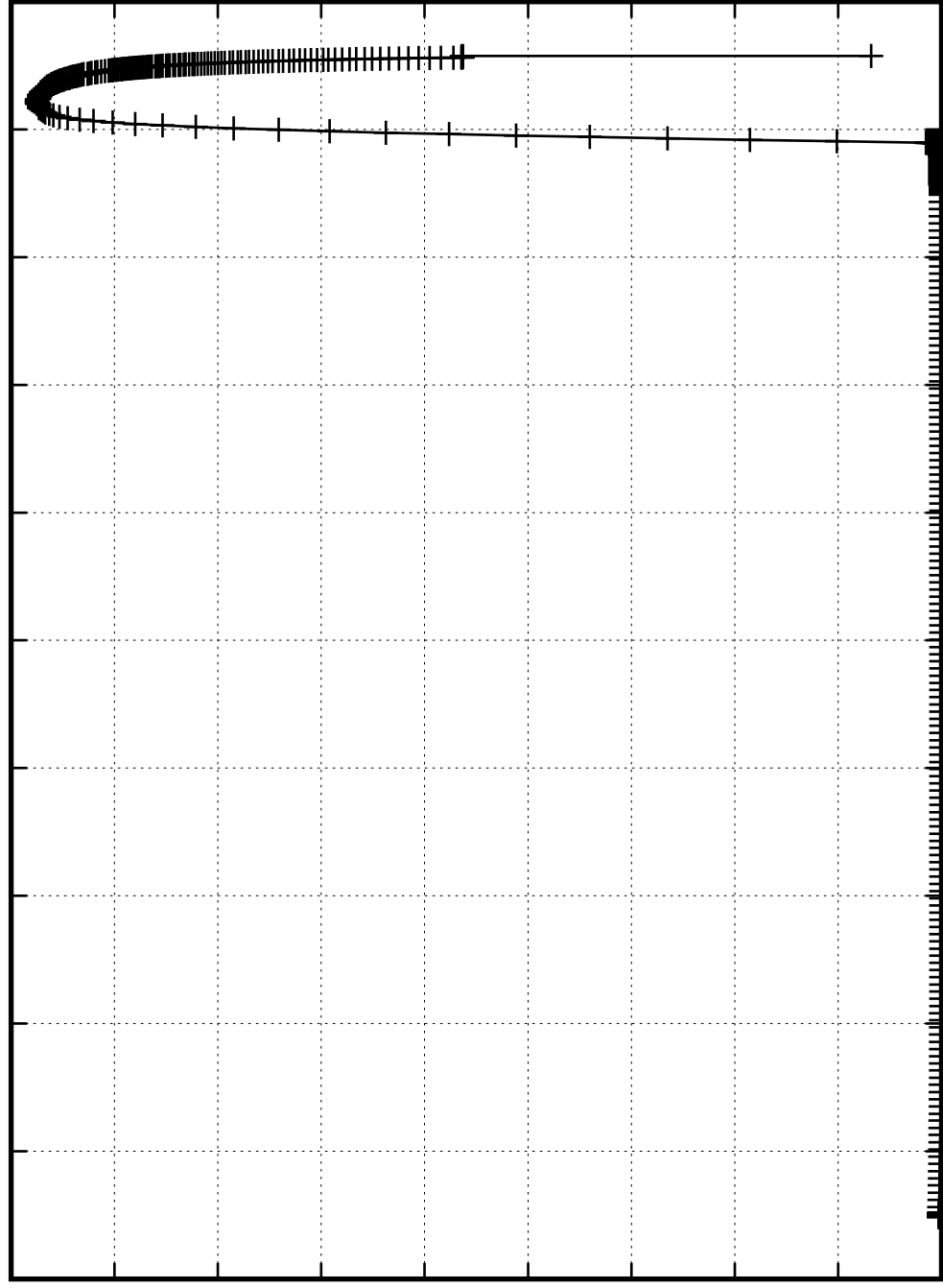
7

8

9

10

Time [Myr]



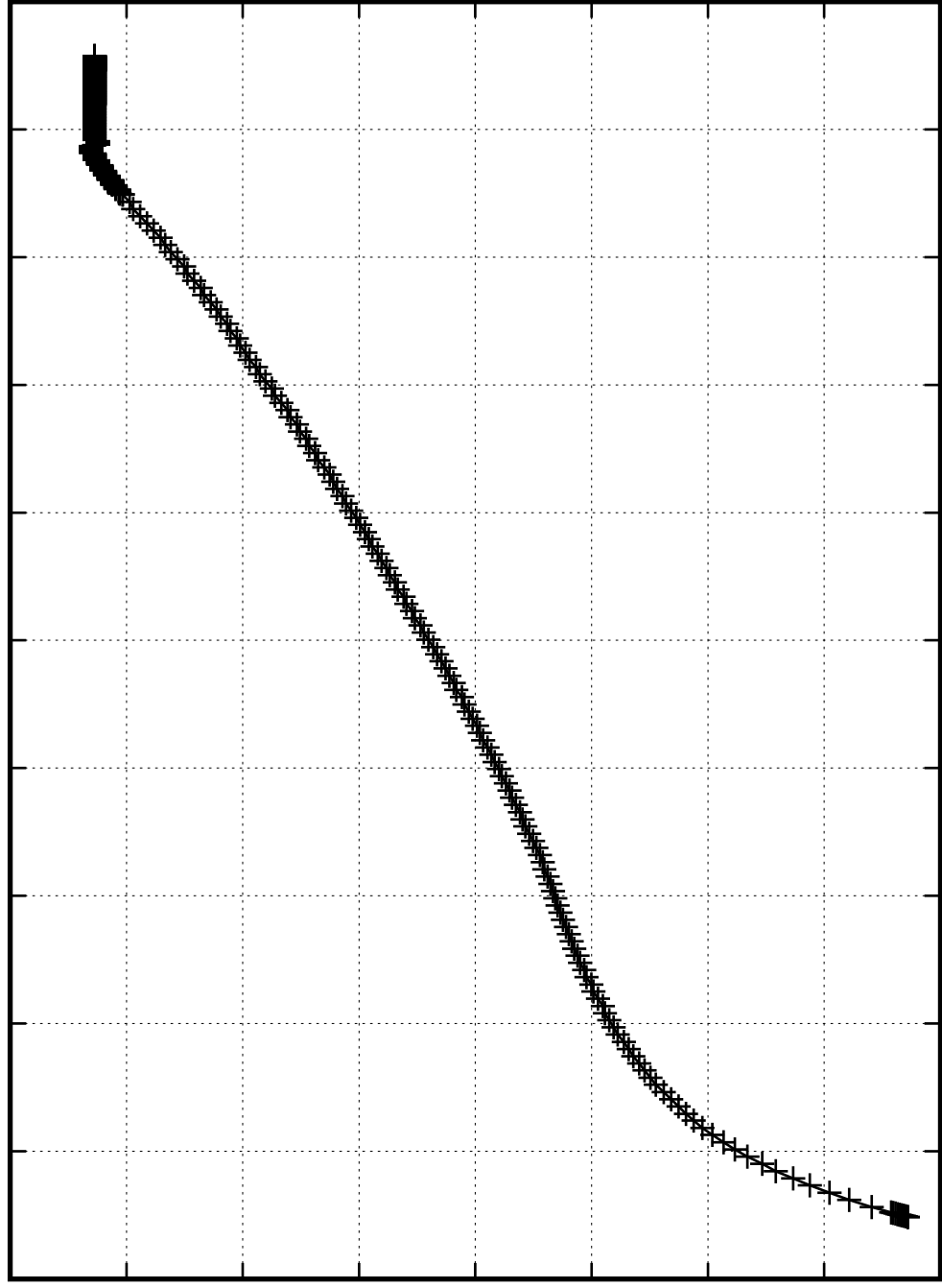
$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

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

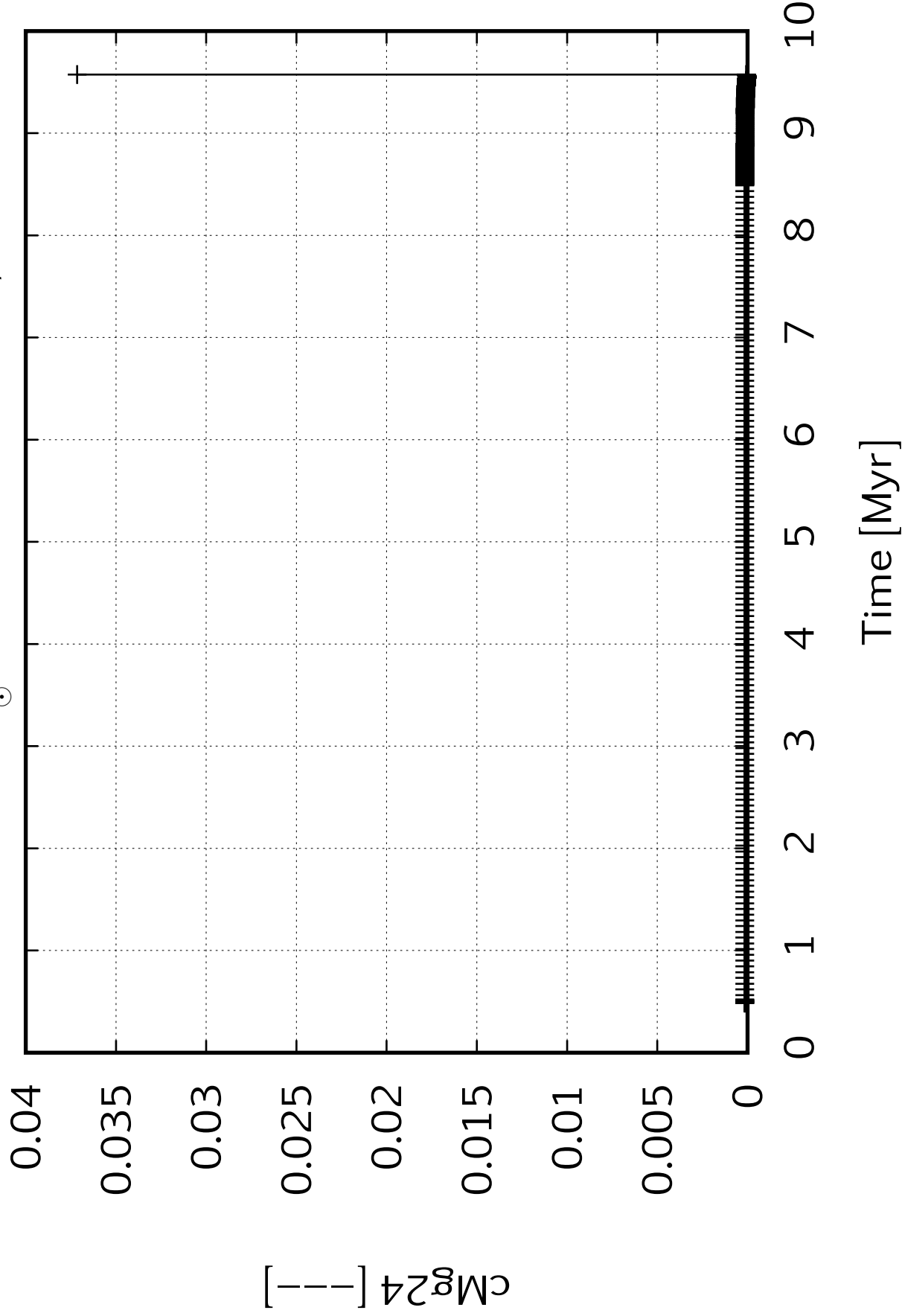
0.00007
0.00007
0.00006
0.00006
0.00005
0.00005
0.00004
0.00004
0.00003

0 1 2 3 4 5 6 7 8 9 10

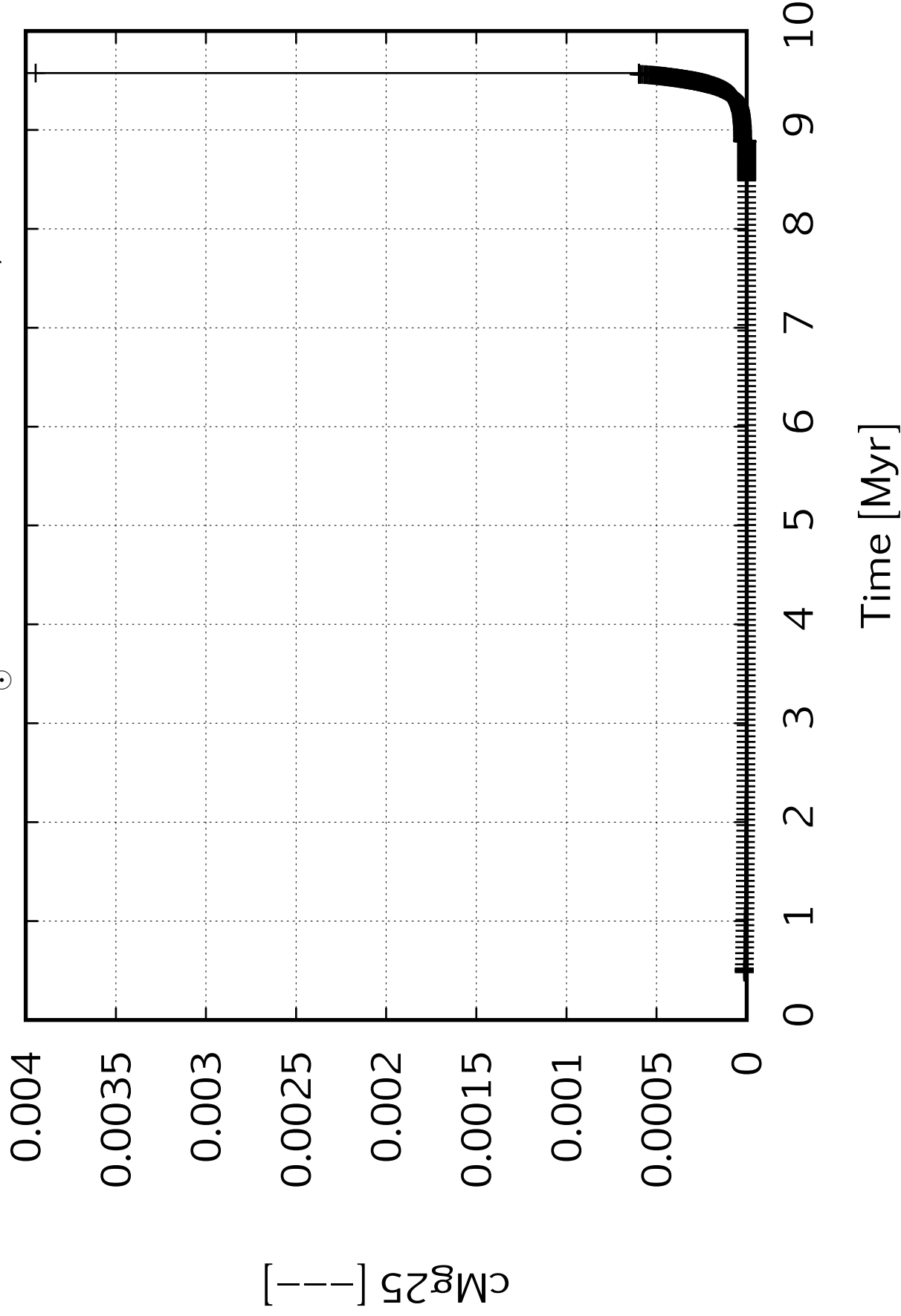
Time [Myr]

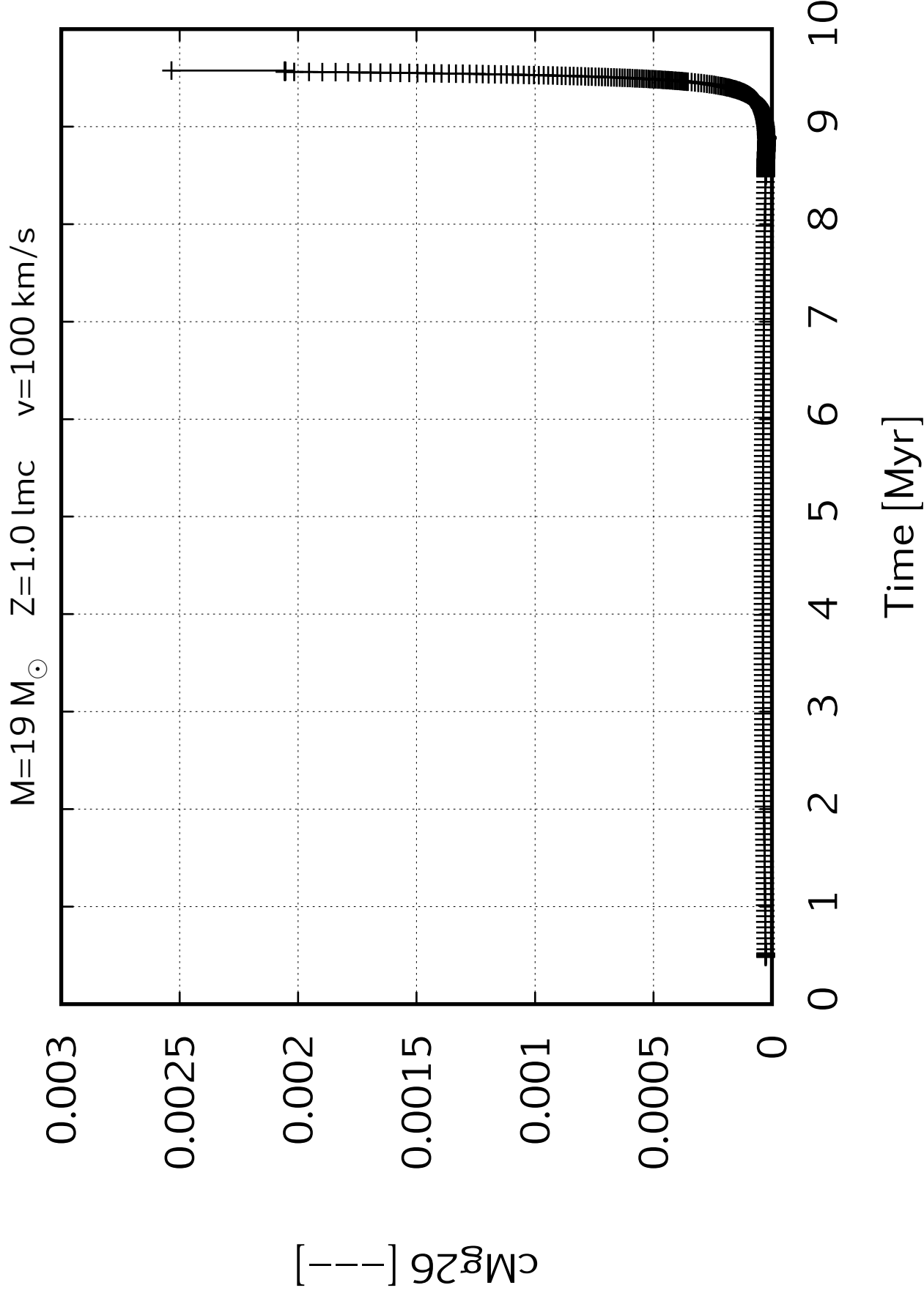


$M=19 M_{\odot}$ $Z=1.0$ $v=100$ km/s

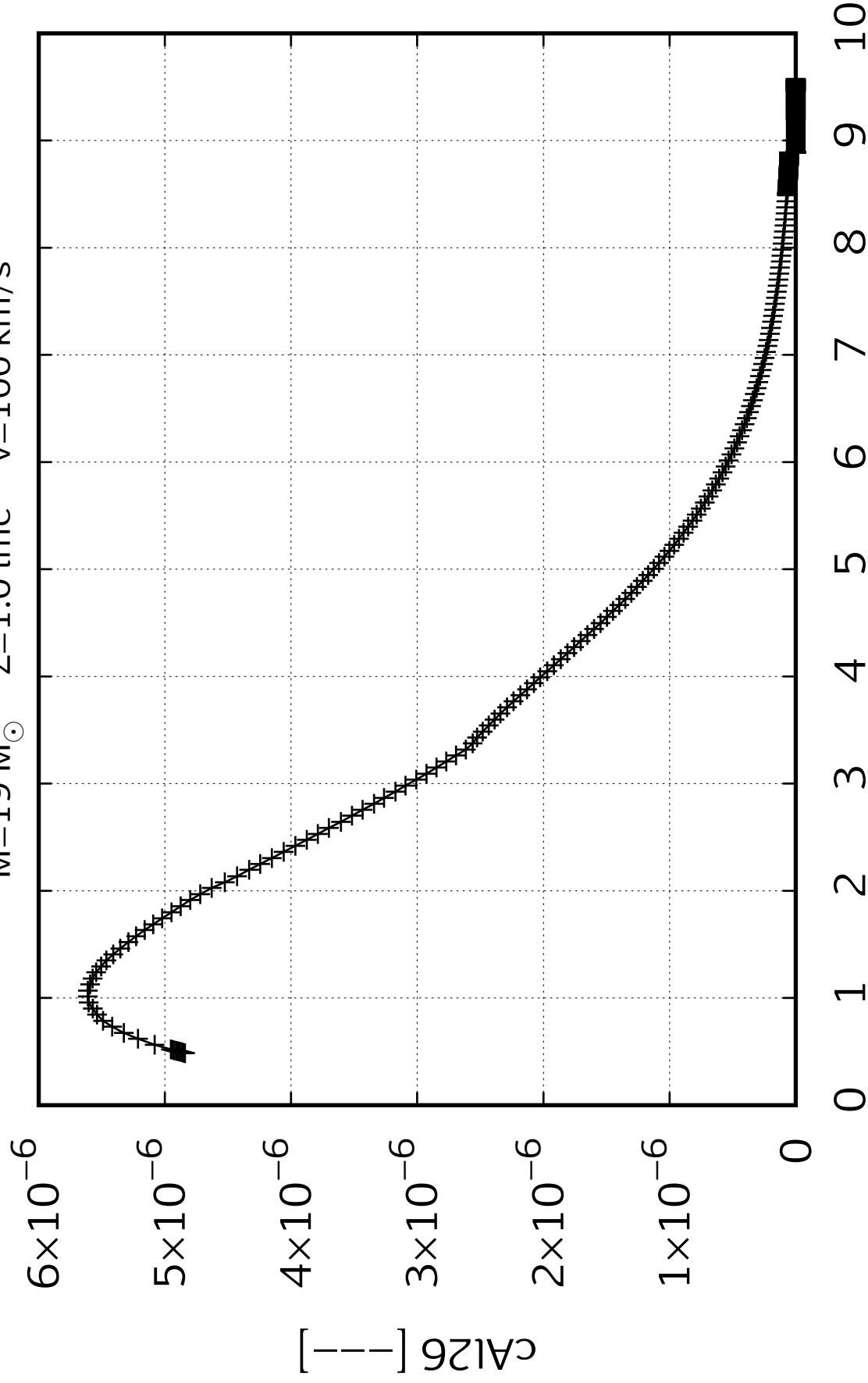


$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s





$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s



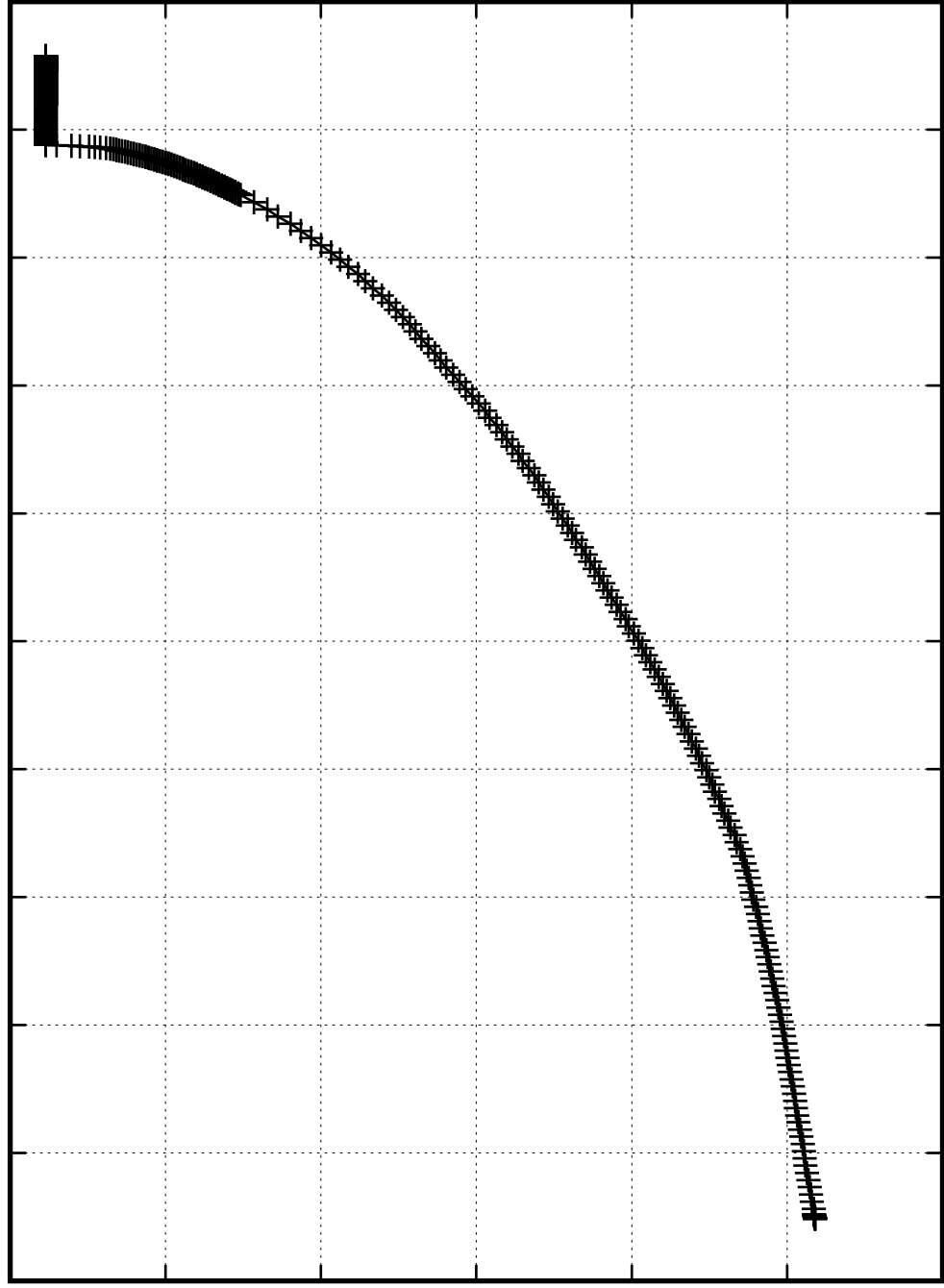
$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

c_{Al27} [---]

0.00005
0.00004
0.00004
0.00003
0.00003
0.00002
0.00002

0 1 2 3 4 5 6 7 8 9 10

Time [Myr]



$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

0.0007

0.0006

0.0005

0.0004

0.0003

0.0002

0.0001

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

0

1

2

3

4

5

6

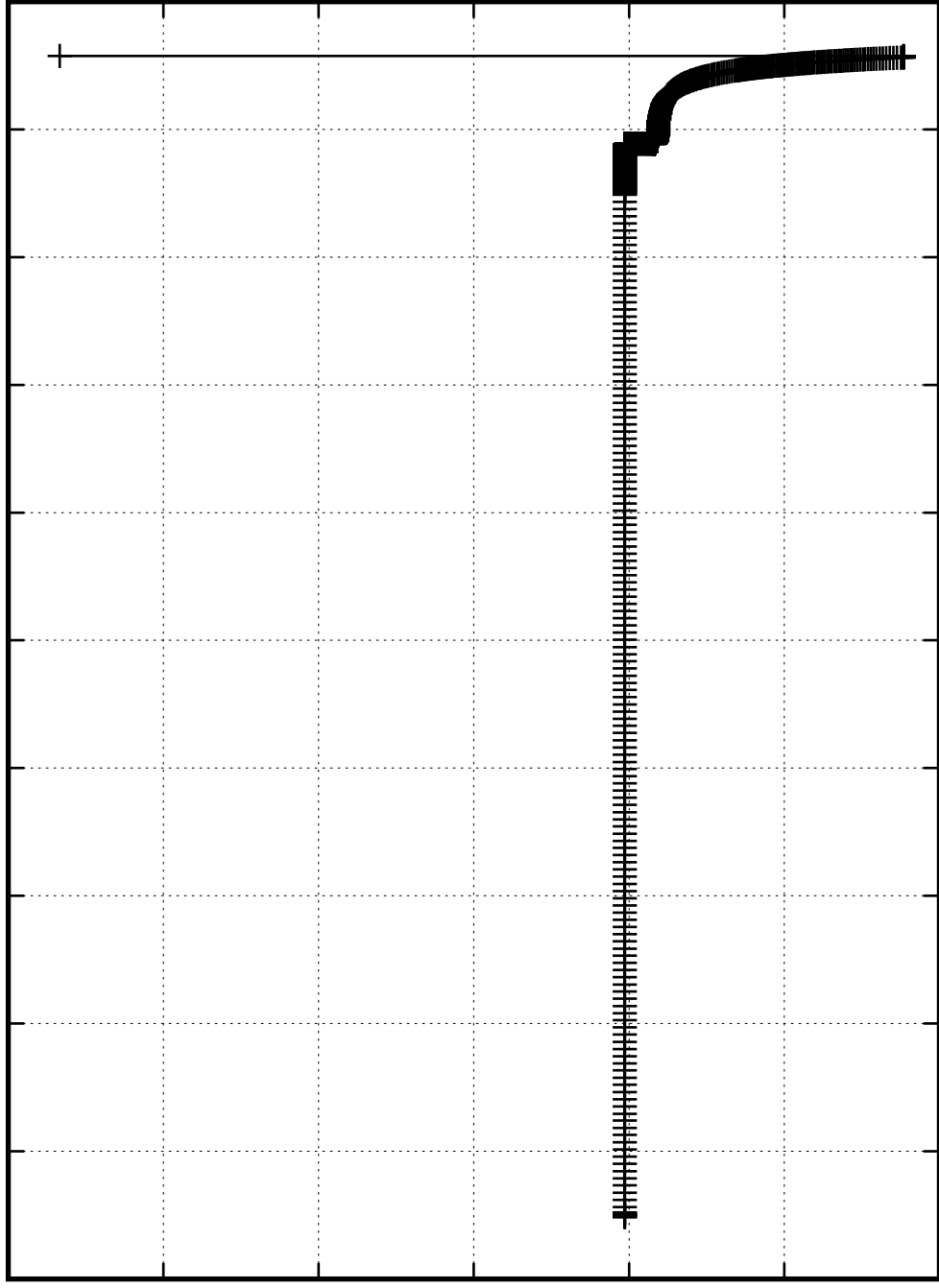
7

8

9

10

Time [Myr]



$M=19\,M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

0.00007

0.00006

0.00005

0.00004

0.00003

0.00002

0.00001

$[\text{S II}]$

0

1

2

3

4

5

6

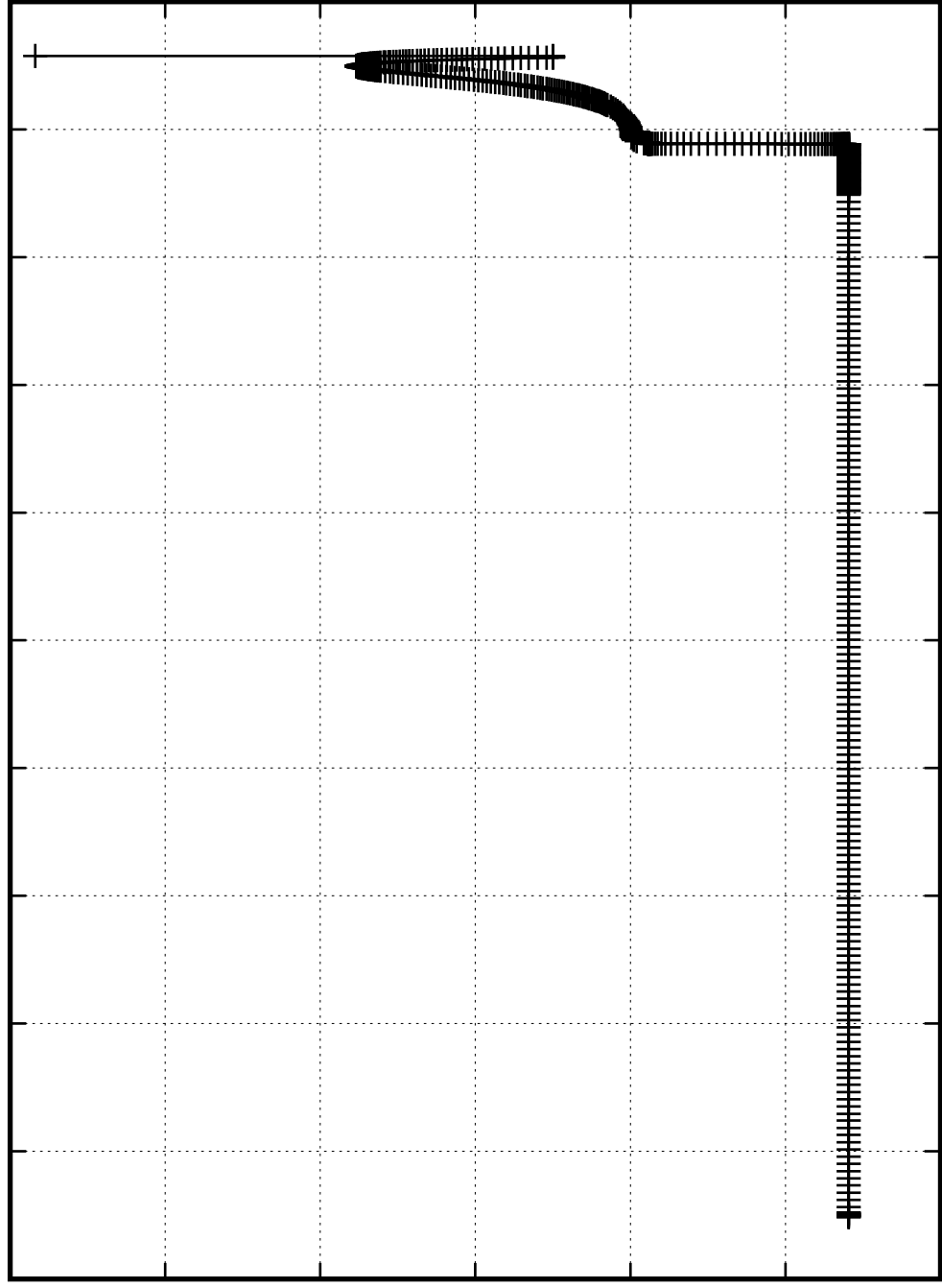
7

8

9

10

Time [Myr]



$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

0.0002

0.00018

0.00016

0.00014

0.00012

0.0001

8×10^{-5}

6×10^{-5}

4×10^{-5}

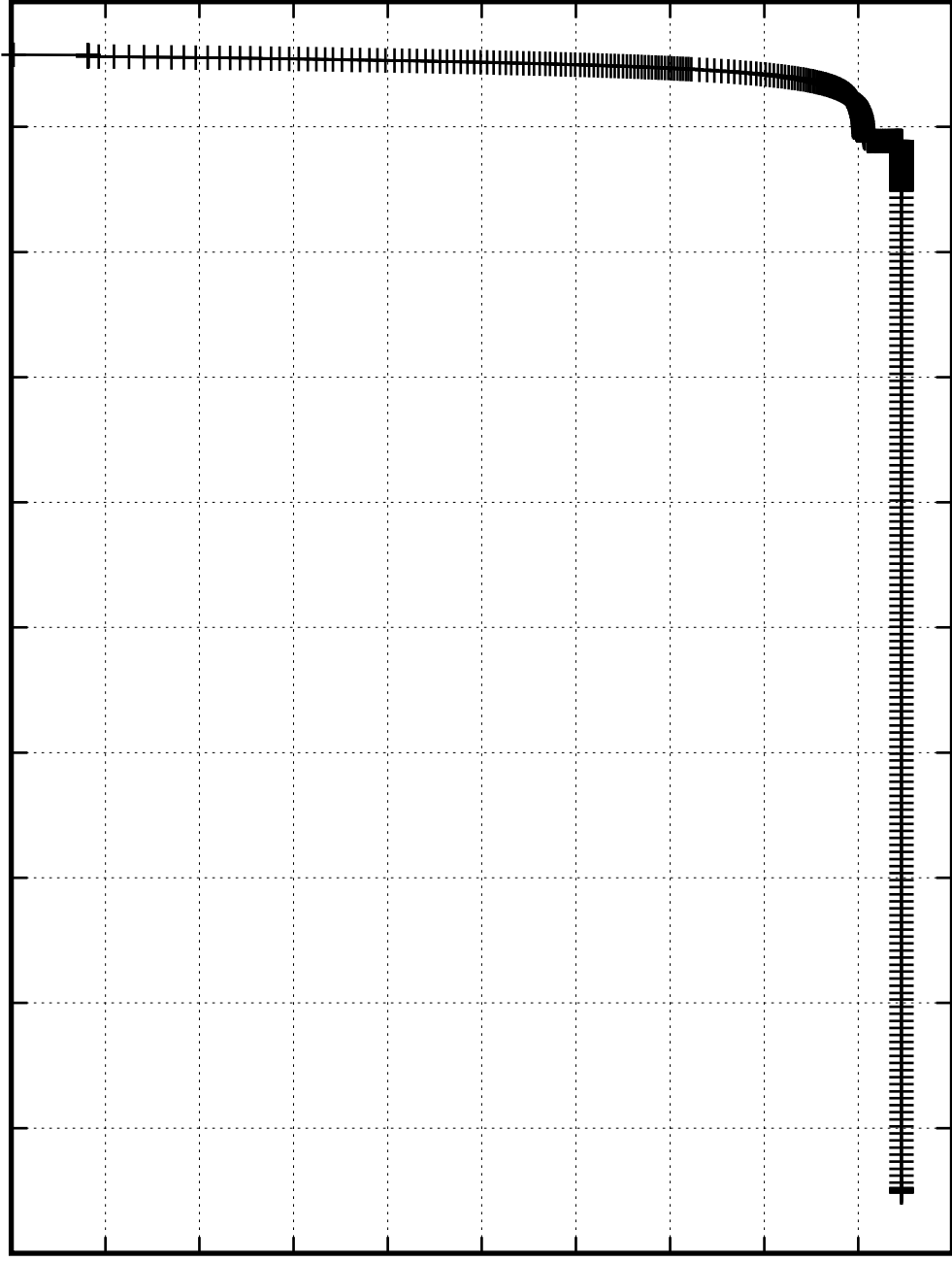
2×10^{-5}

0

$[\text{C}]/[\text{O}]$

0 1 2 3 4 5 6 7 8 9 10

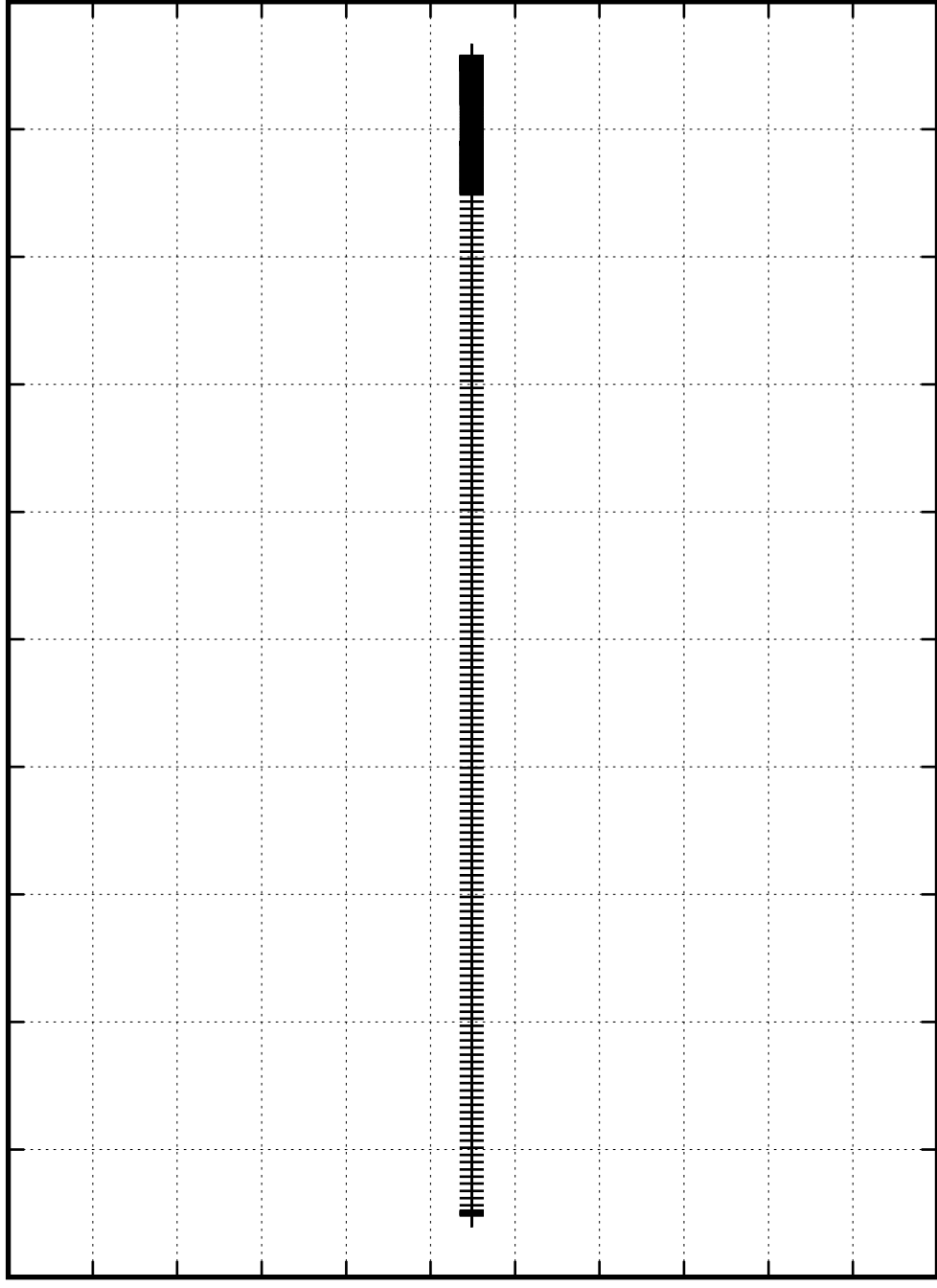
Time [Myr]



$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s

0.00047
0.00047
0.00047
0.00047
0.00047
0.00047
0.00046
0.00046
0.00046
0.00046
0.00046
0.00046

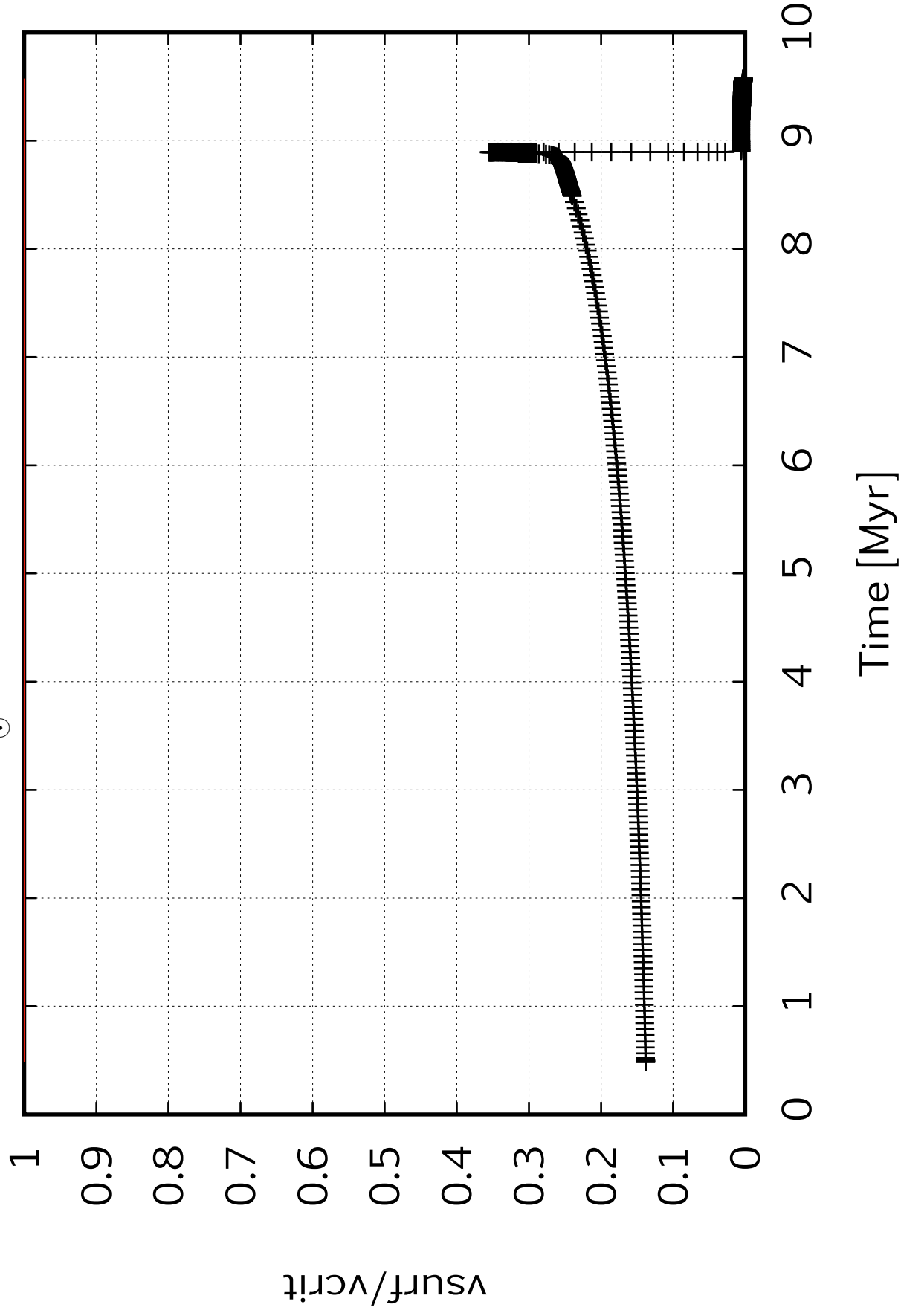
$[\text{Fe}56]$



0 1 2 3 4 5 6 7 8 9 10

Time [Myr]

$M=19 M_{\odot}$ $Z=1.0$ lmc $v=100$ km/s



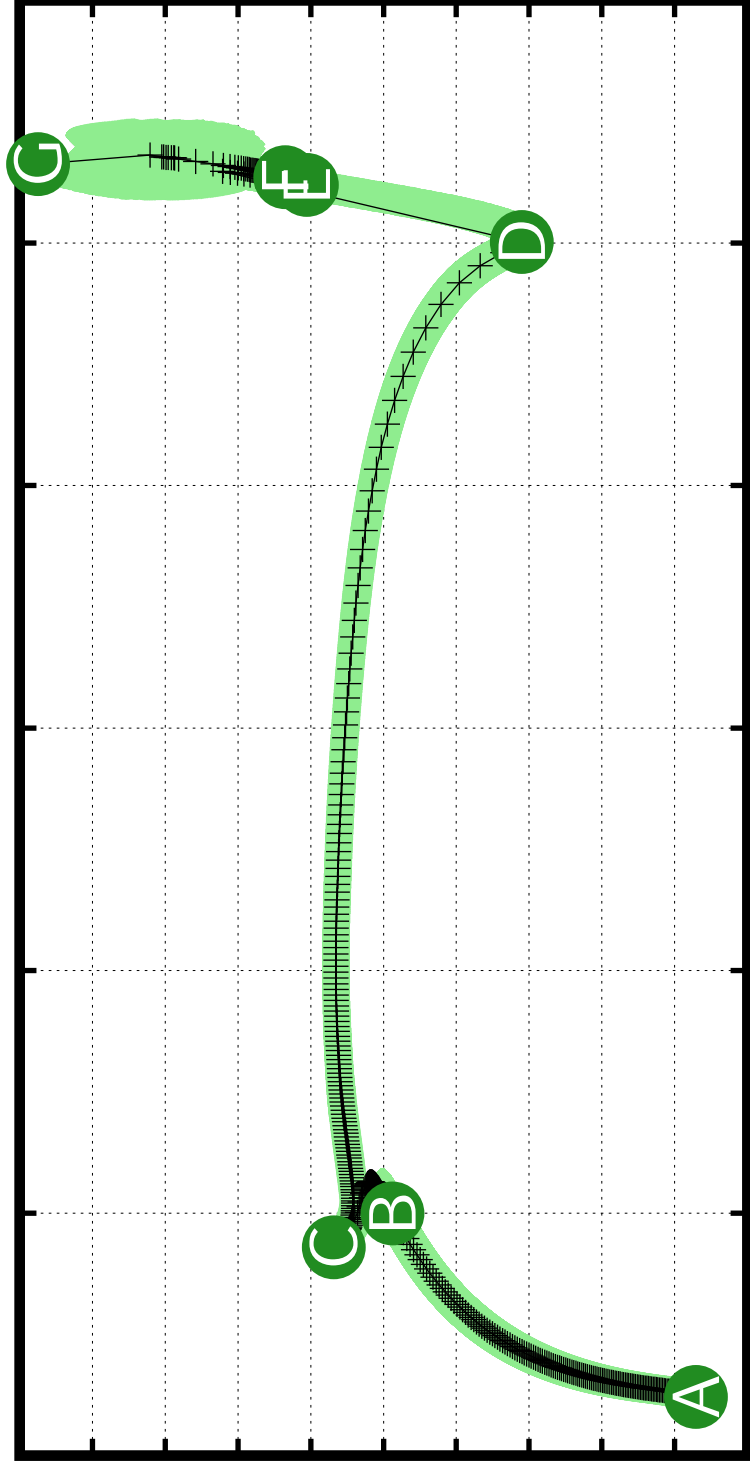
19 M_⊙ LMC

L/L_{\odot}

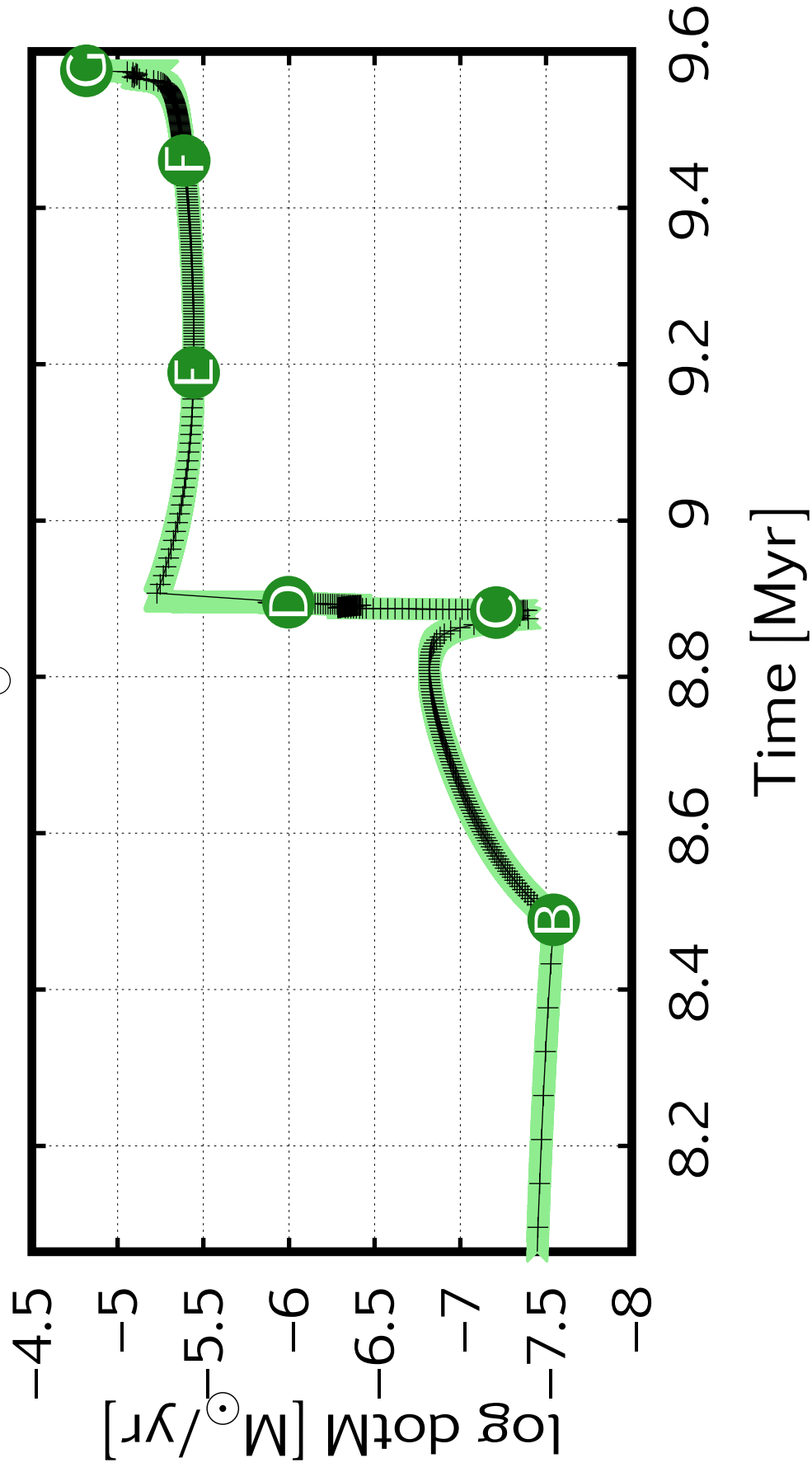
5.5
5.4
5.3
5.2
5.1
5
4.9
4.8
4.7
4.6
4.5

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

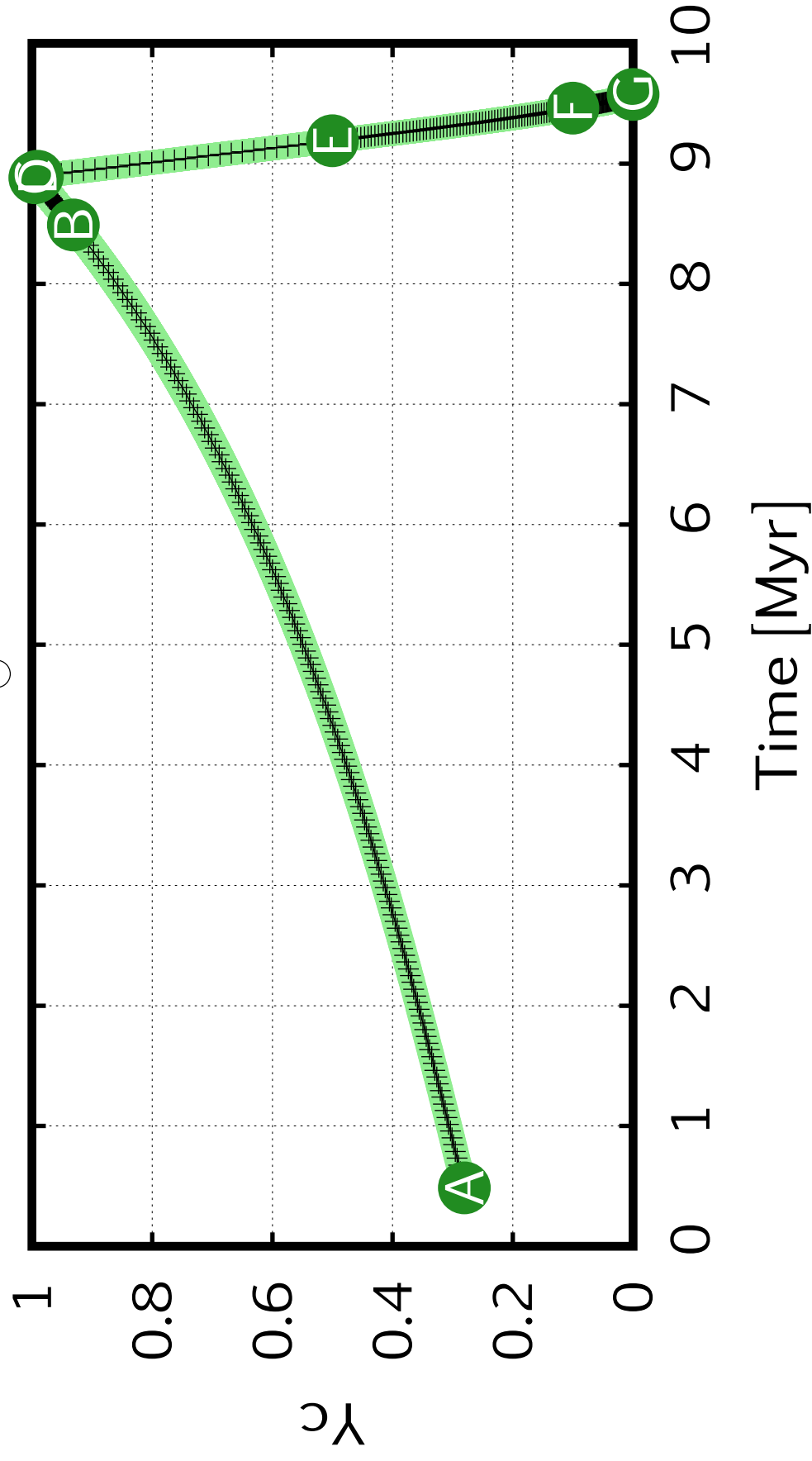
4.6 4.4 4.2 4 3.8 3.6 3.4



19 M_⊙ LMC



19 M_⊙ LMC



19 M_⊙ LMC

