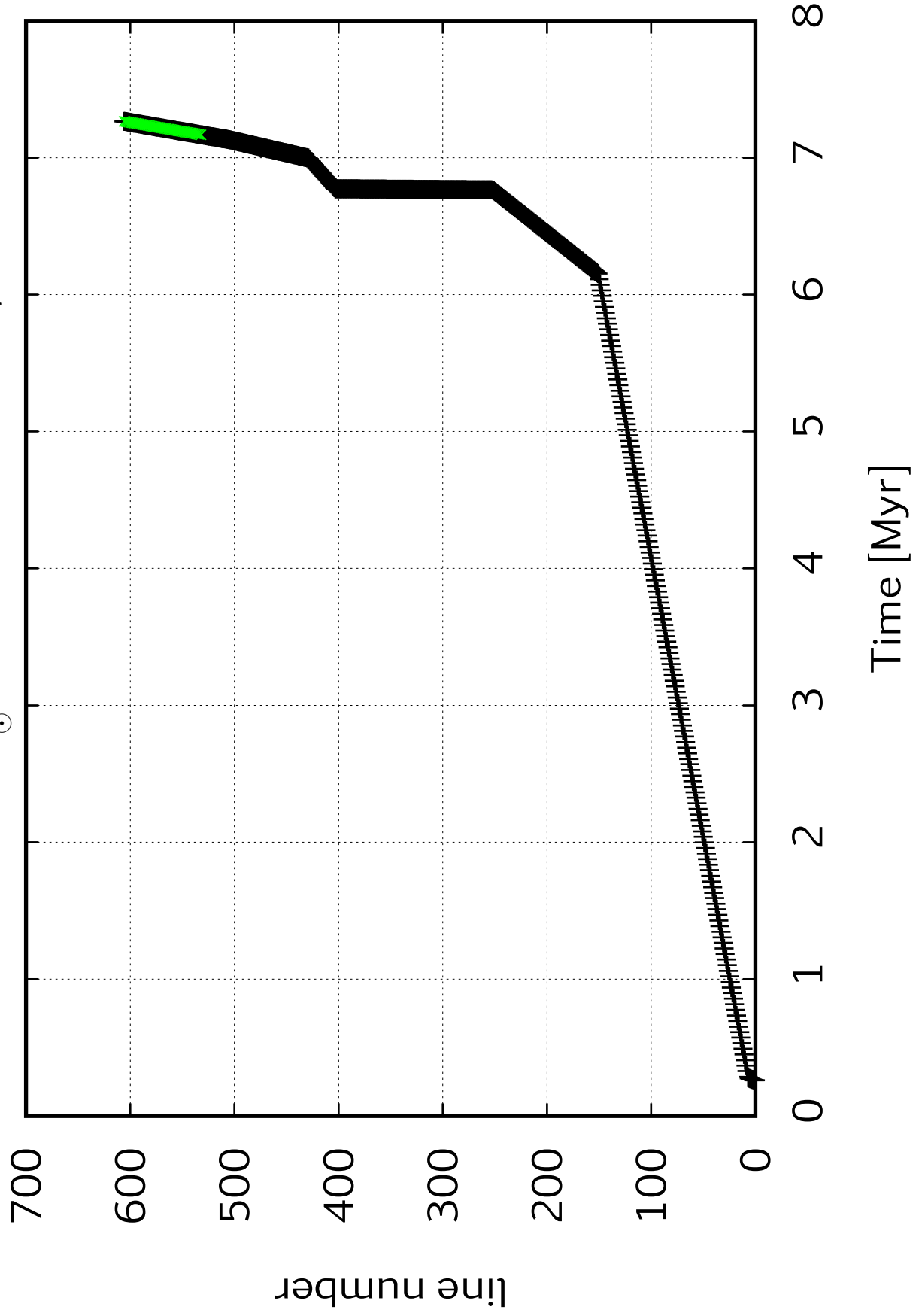
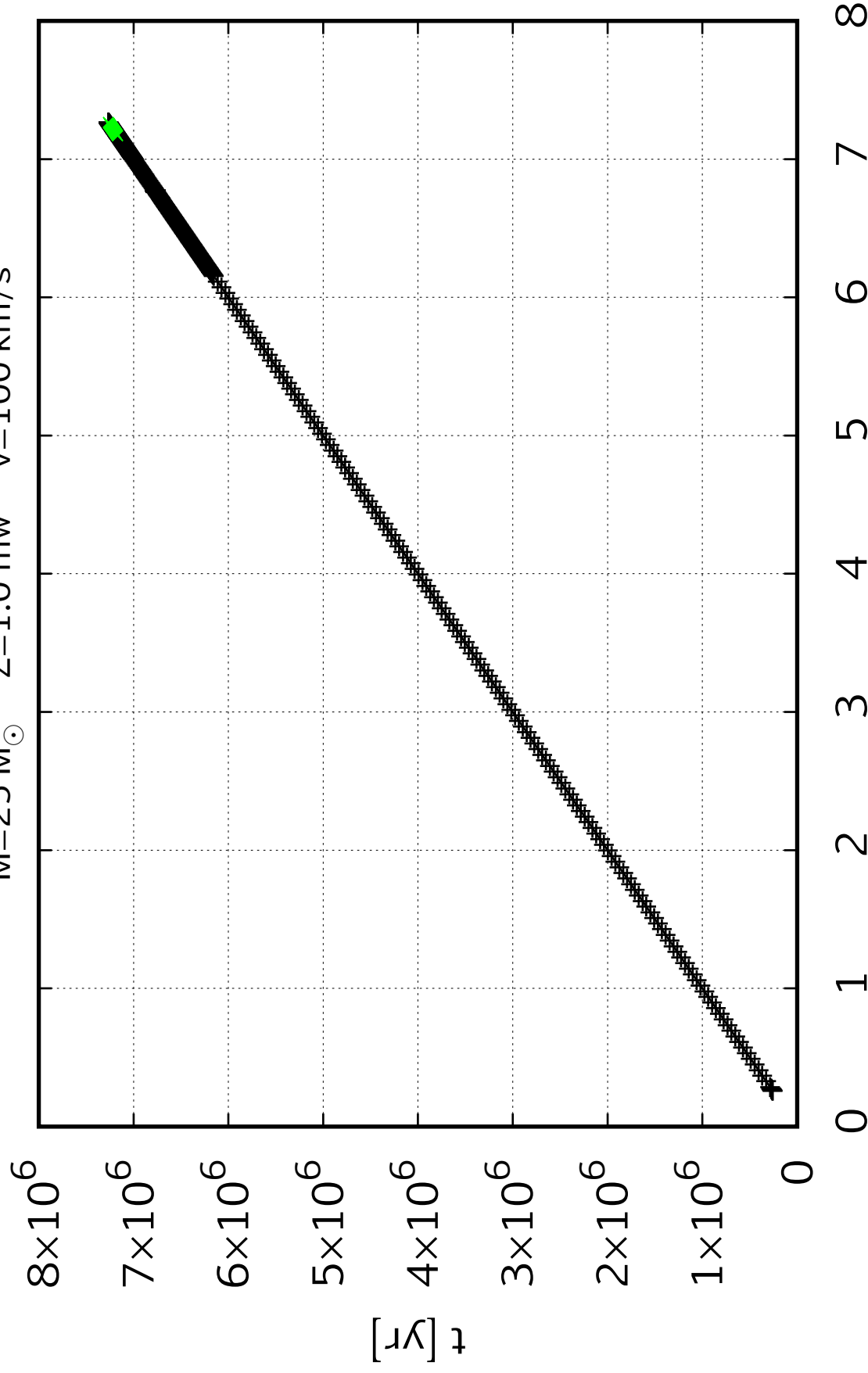


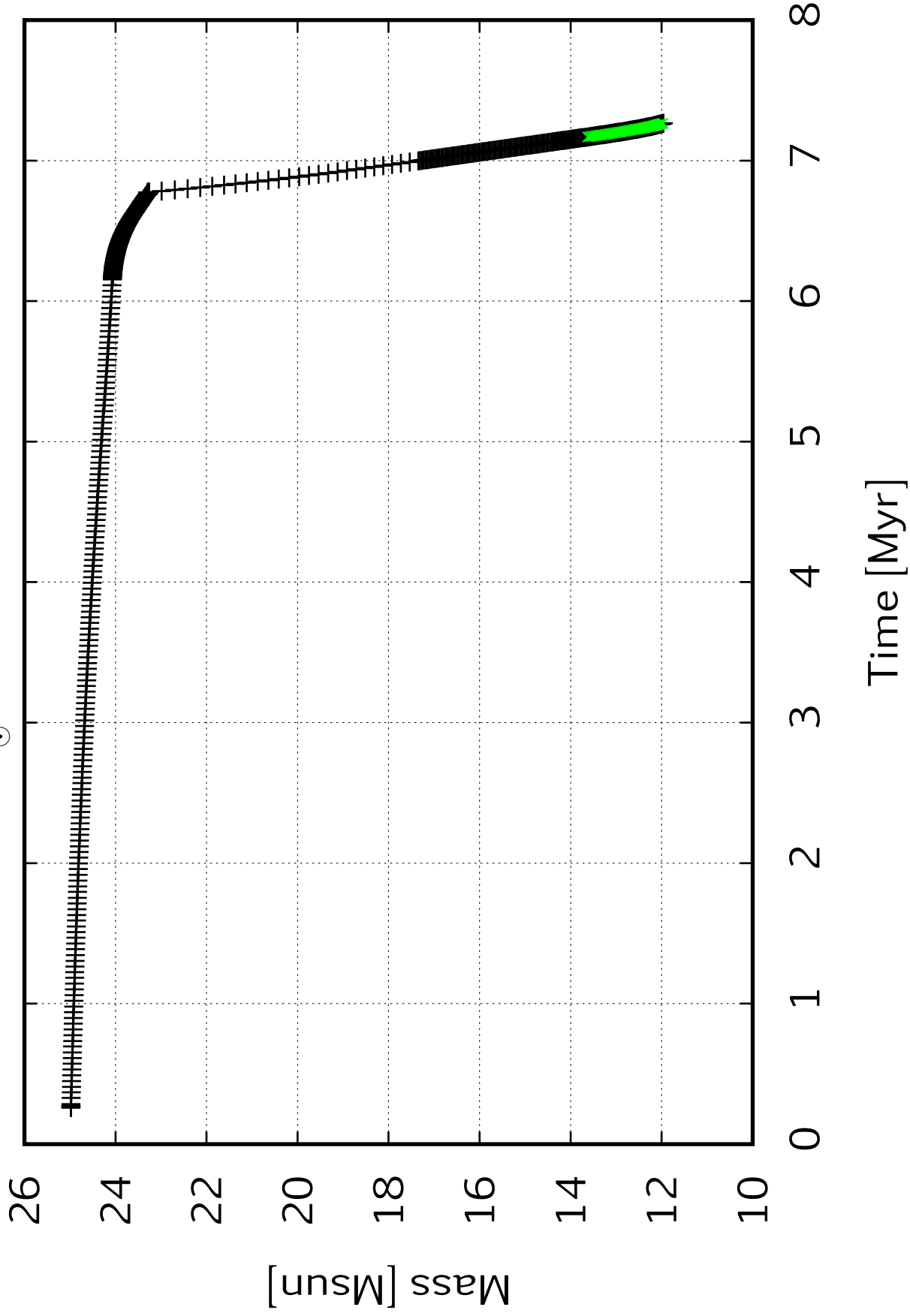
$M=25\,M_{\odot}$     $Z=1.0\,m_{\odot}$     $v=100\,\text{km/s}$



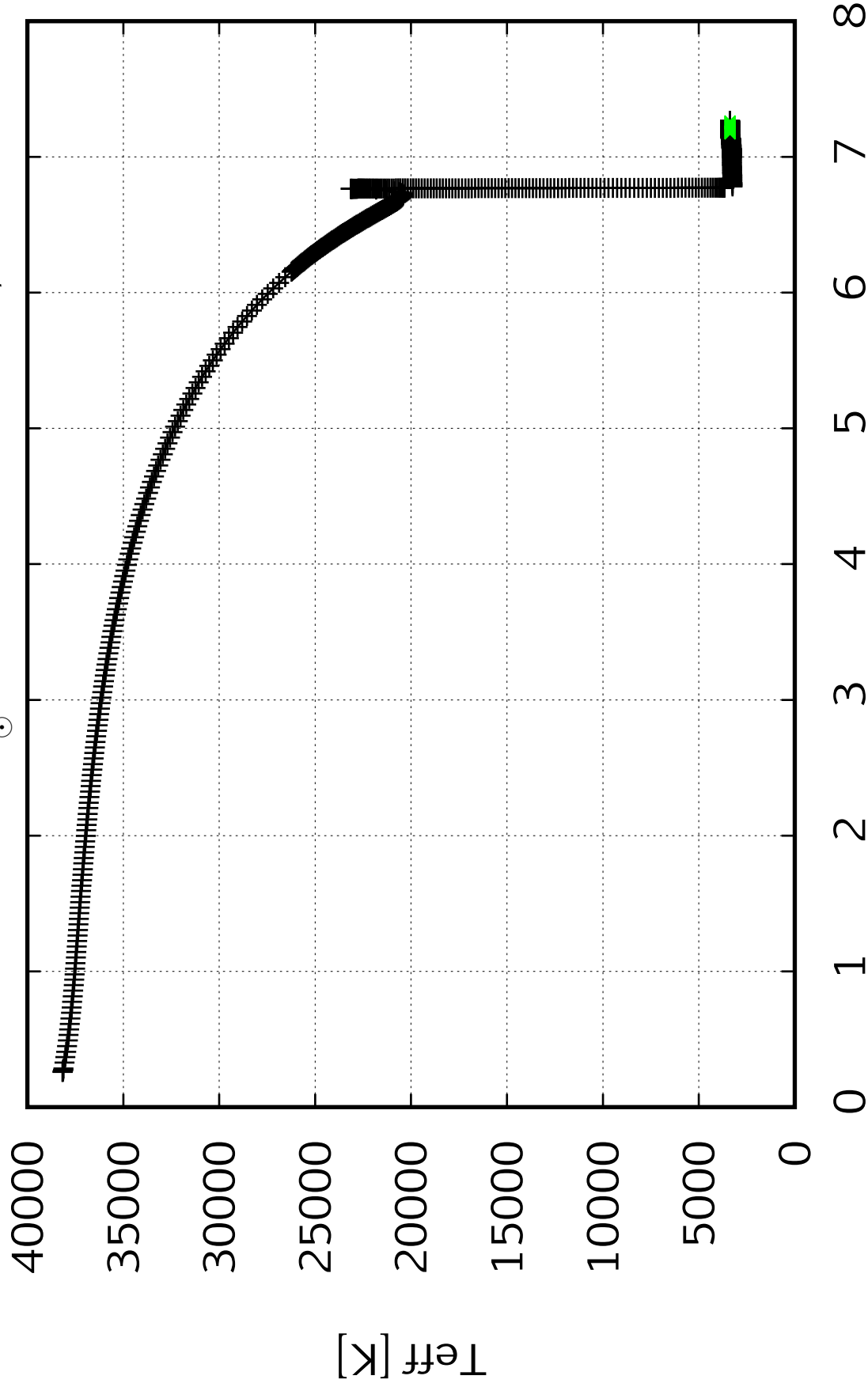
$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100\text{ km/s}$



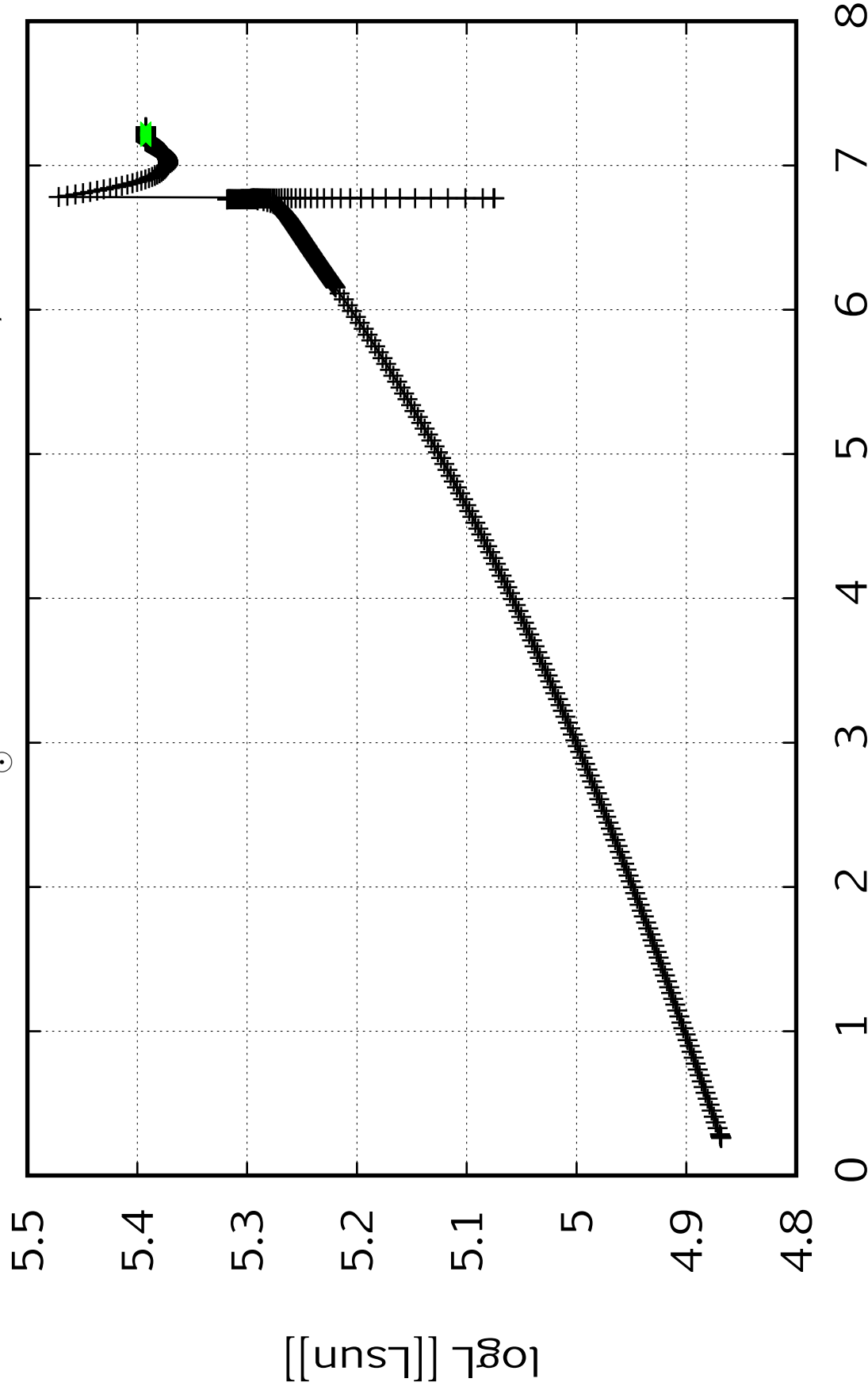
$M=25\,M_{\odot}$     $Z=1.0\,m_{\odot}$     $v=100\,\text{km/s}$



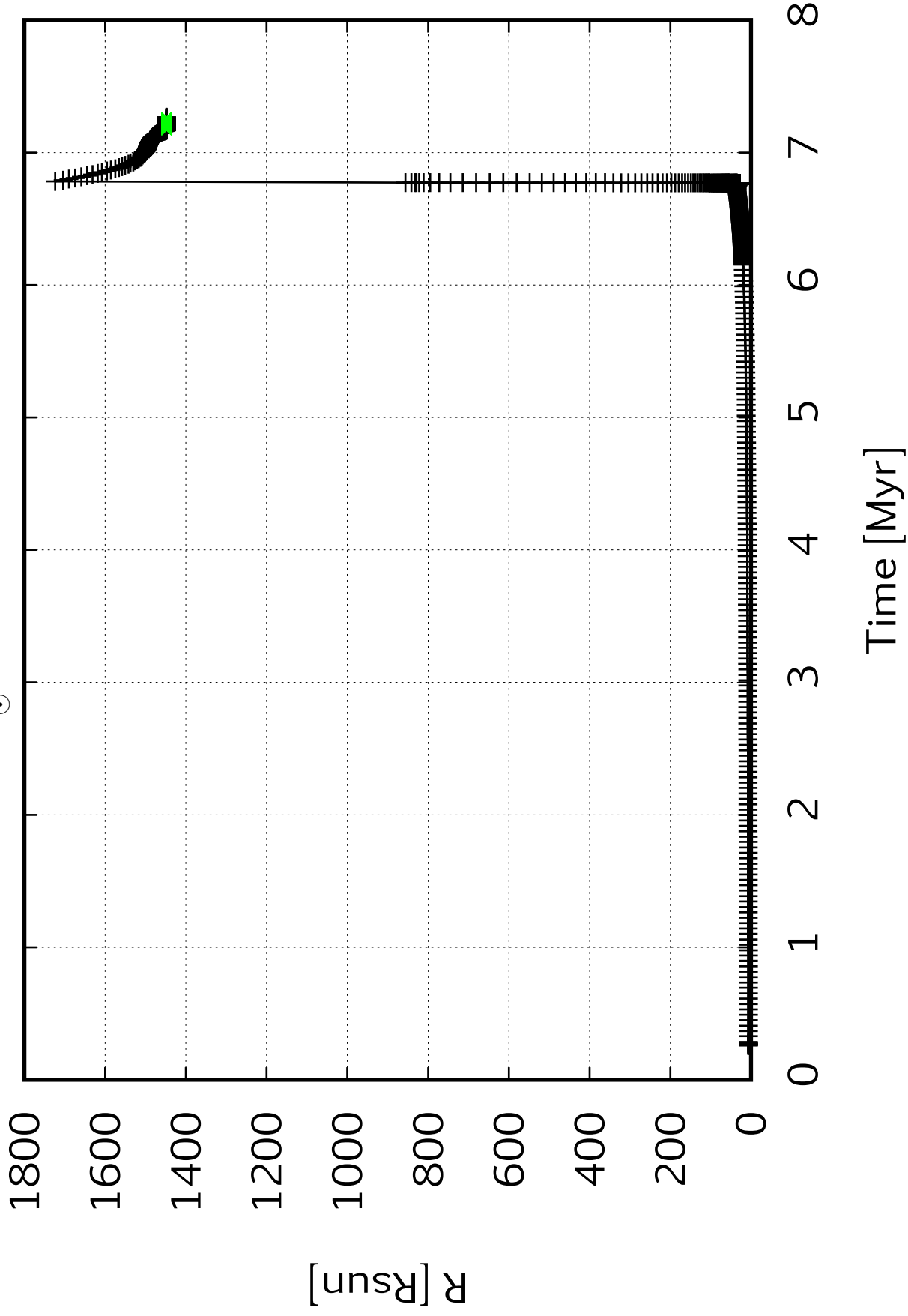
$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$



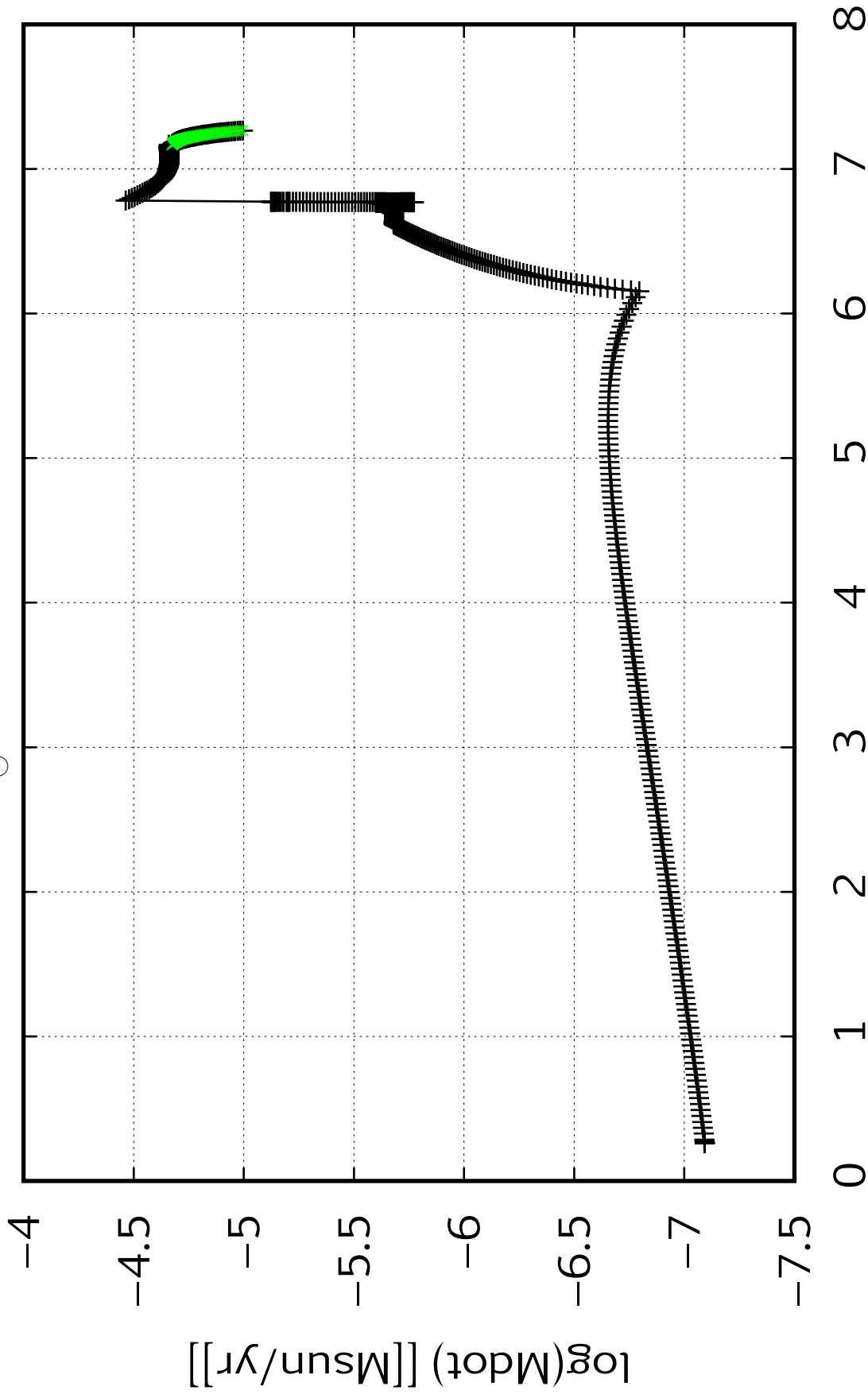
$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s



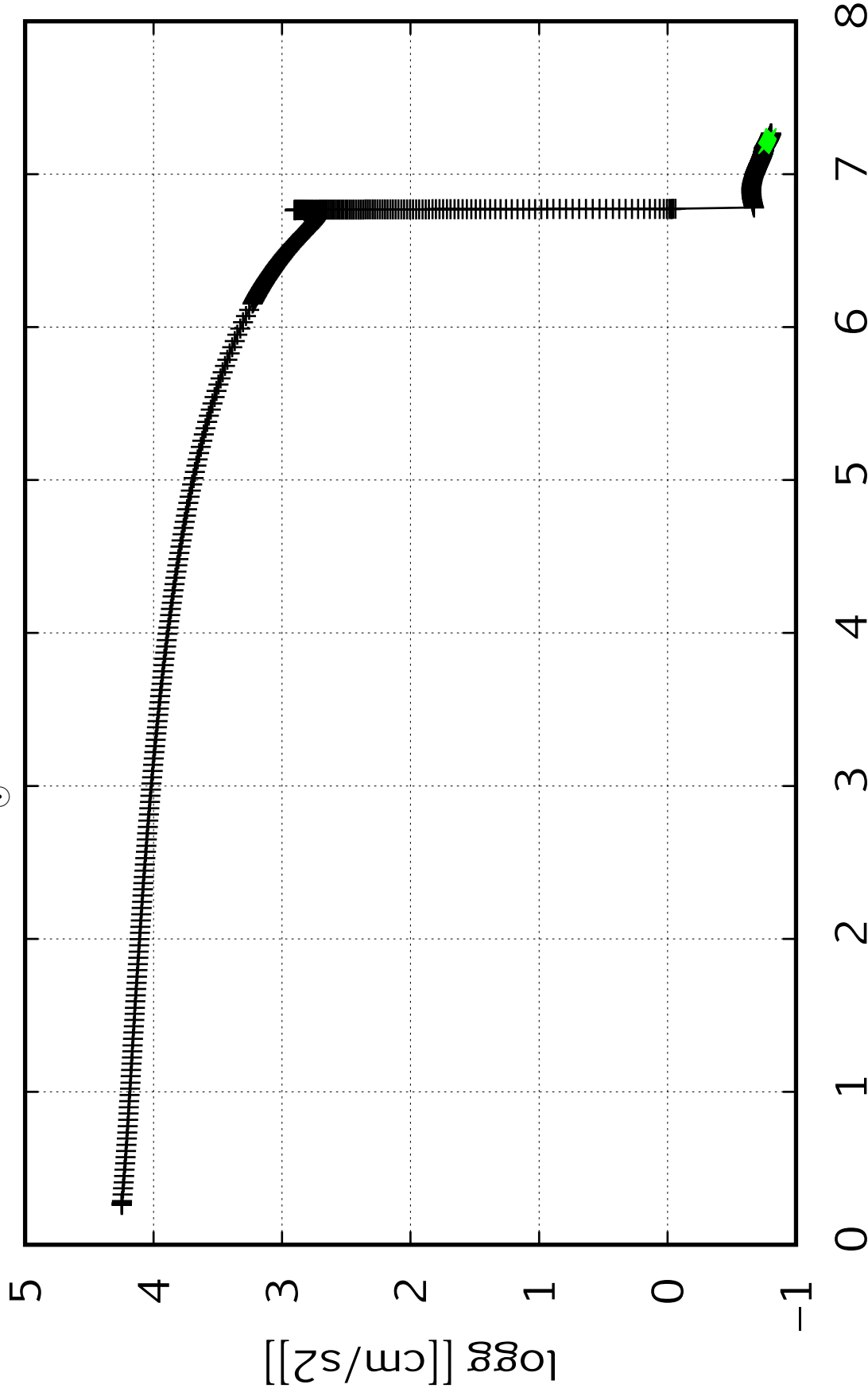
$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100\text{ km/s}$



$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s

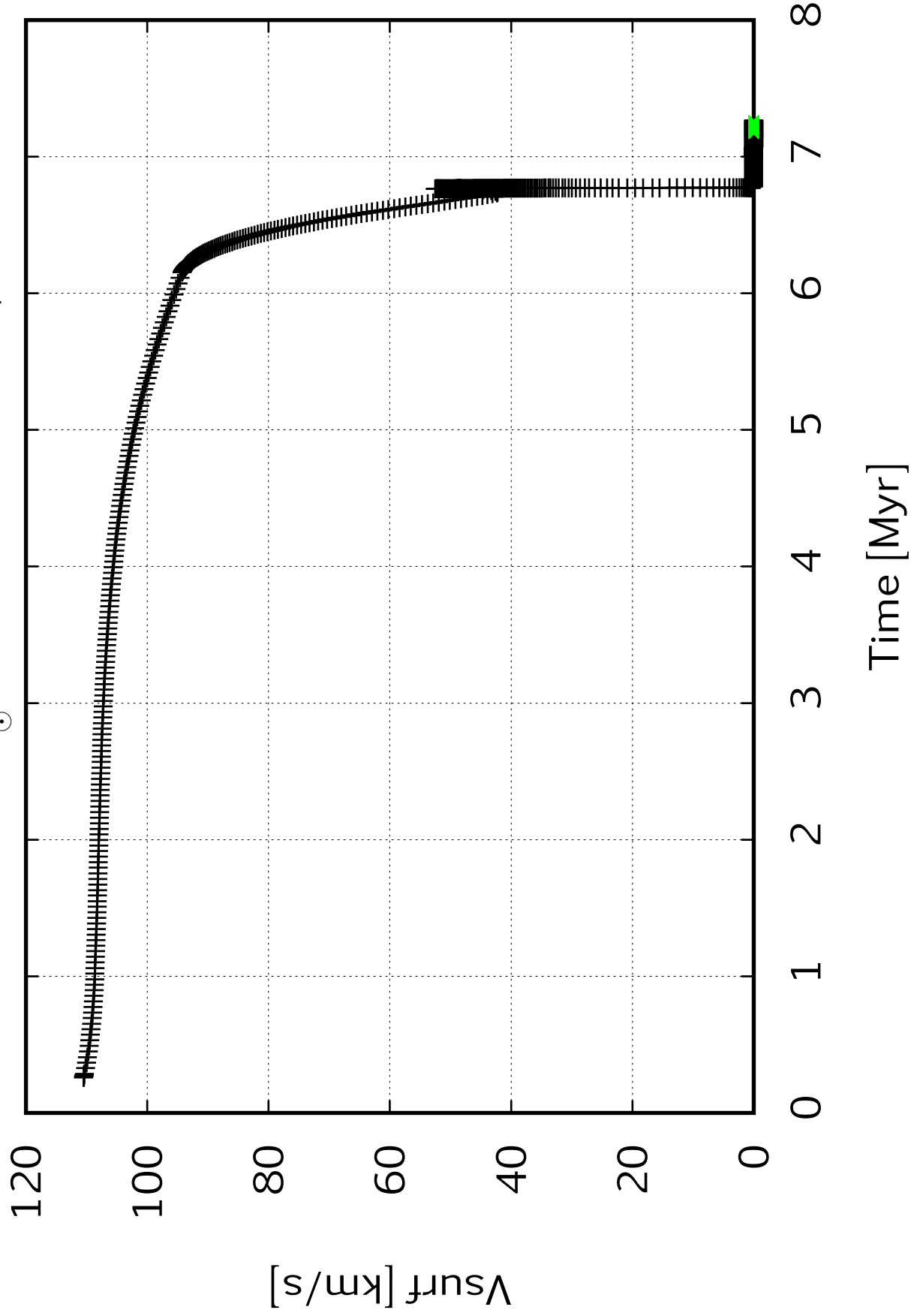


$M=25\,M_{\odot}$      $Z=1.0\,\text{mw}$      $v=100\,\text{km/s}$

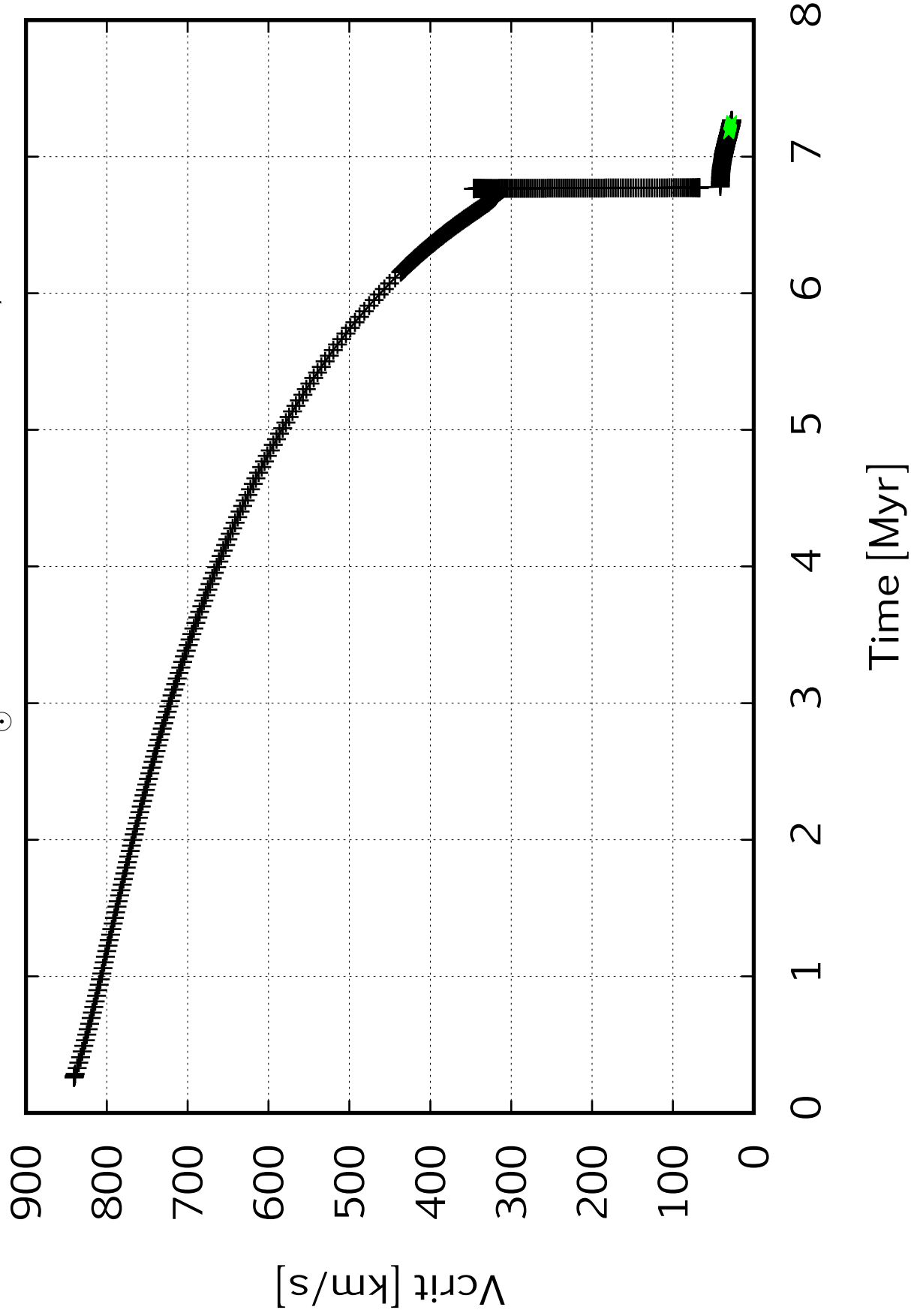




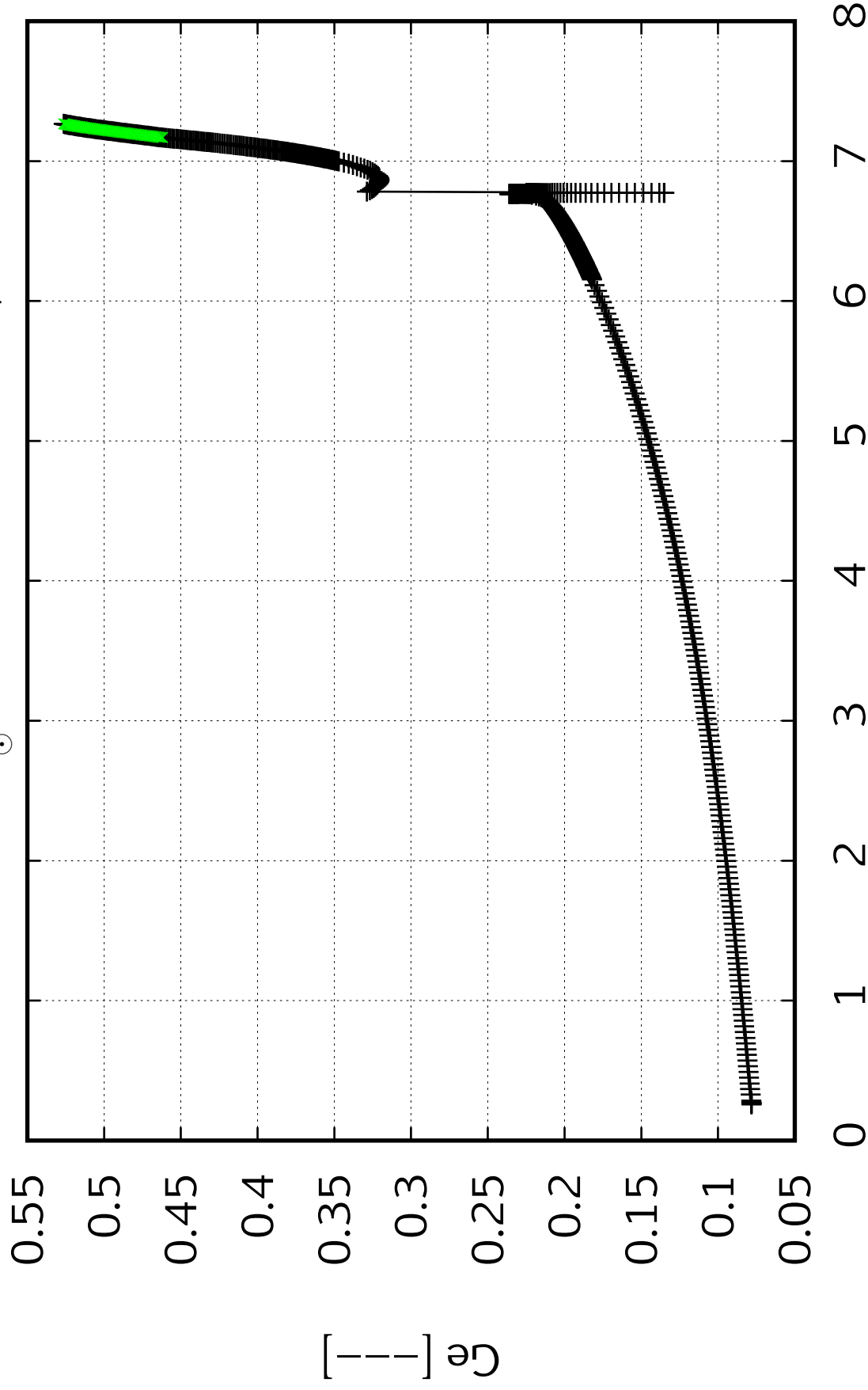
$M=25\,M_{\odot}$     $Z=1.0\,\text{mw}$     $v=100\,\text{km/s}$

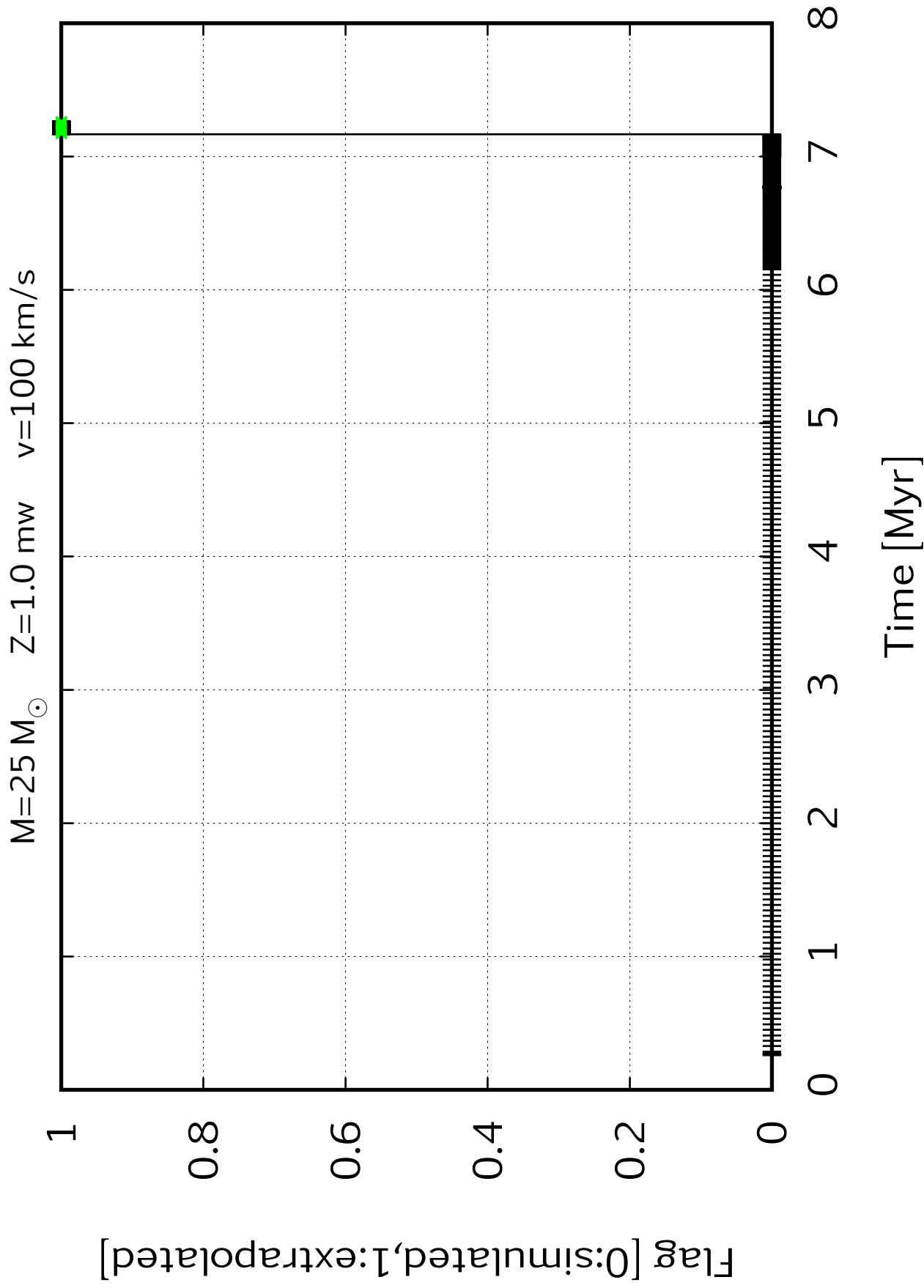


$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$

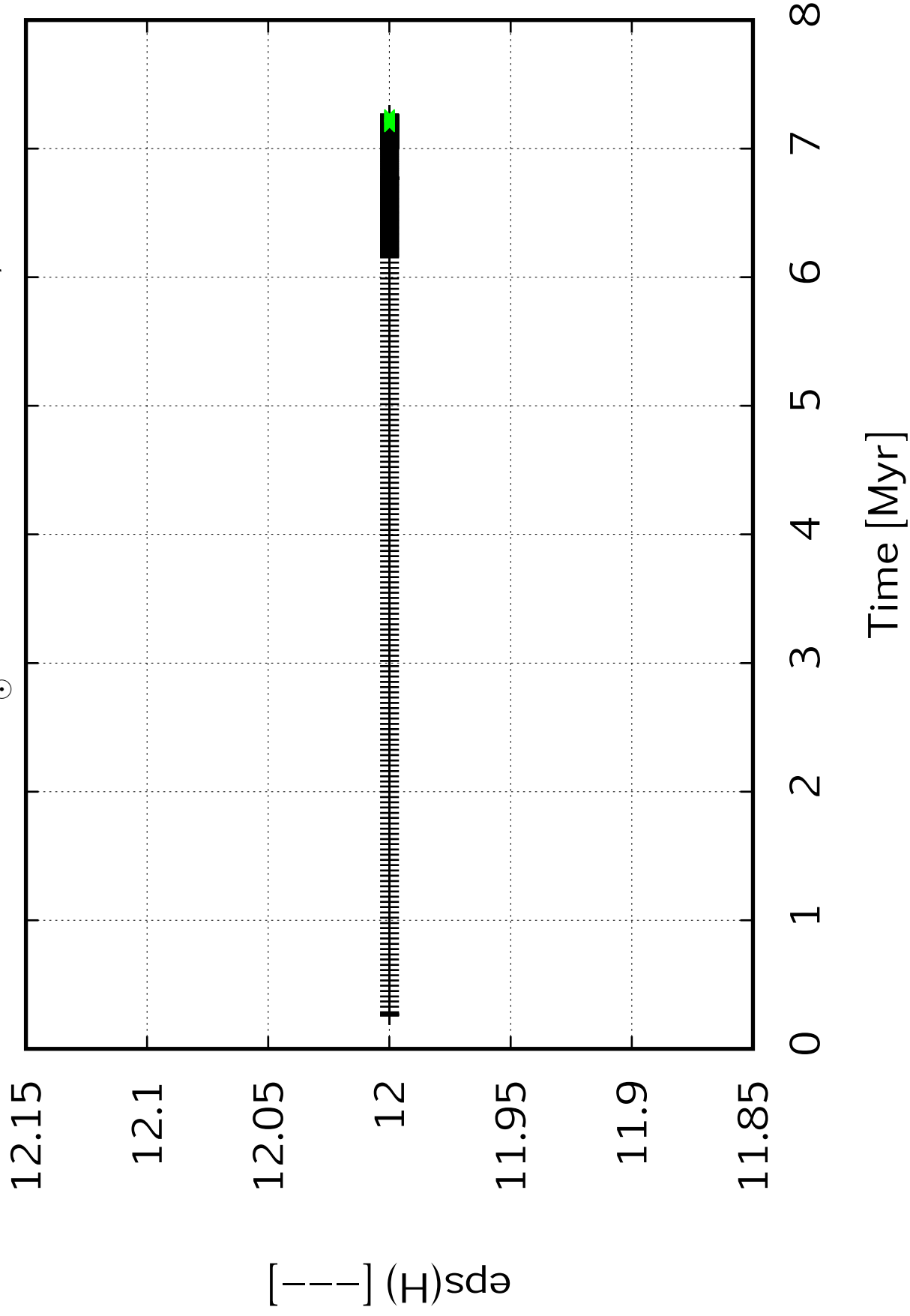


$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100\text{ km/s}$

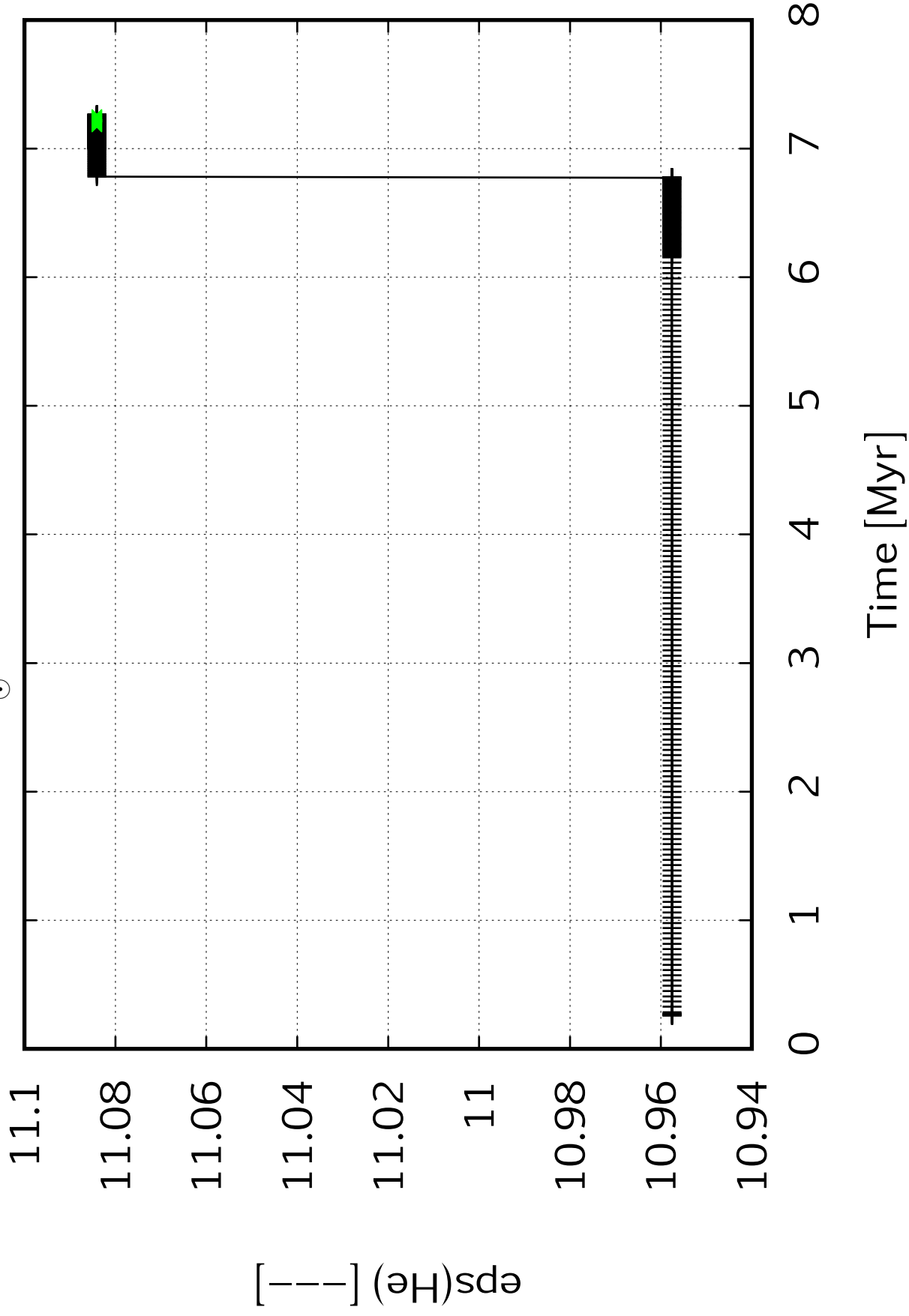




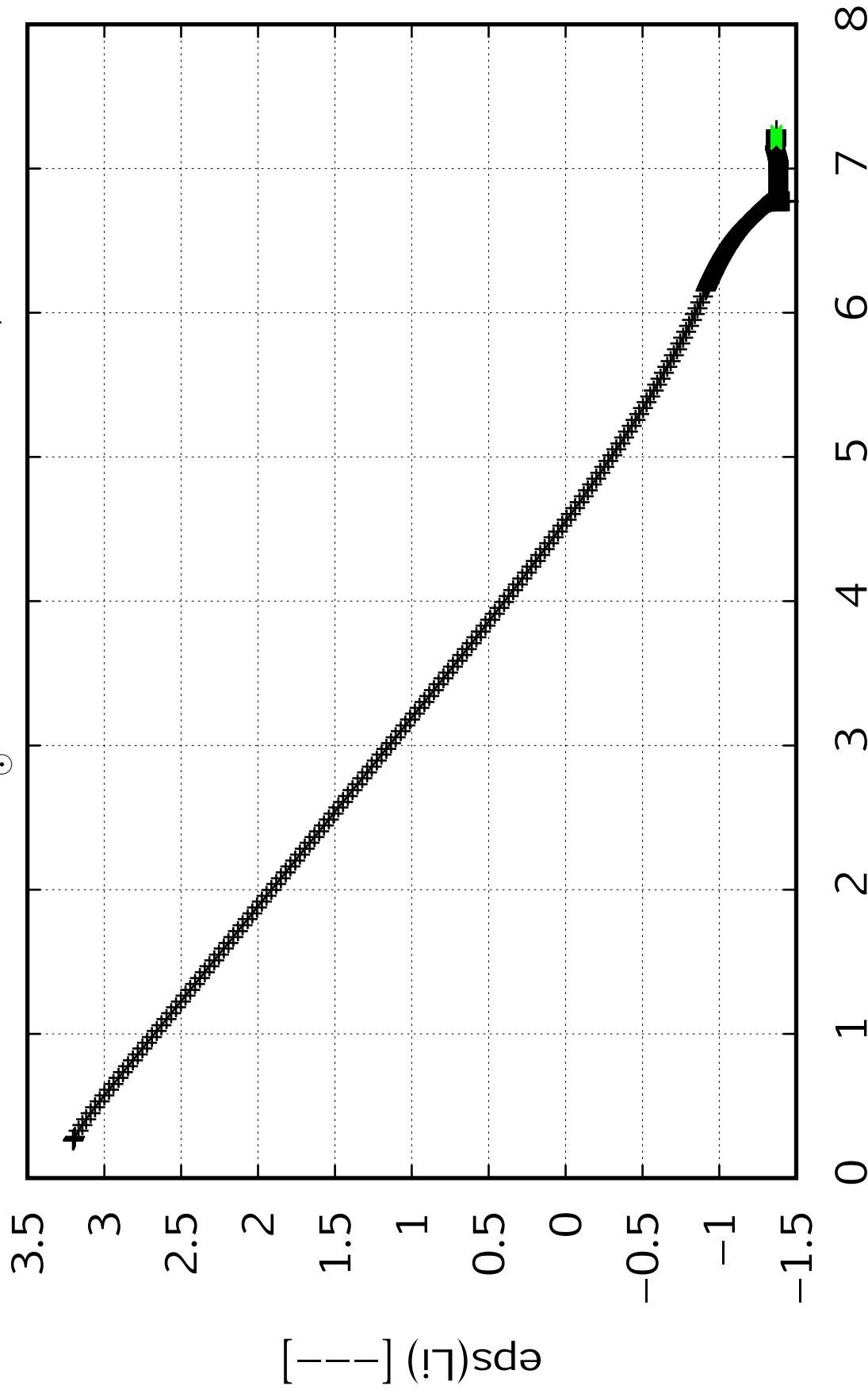
$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s



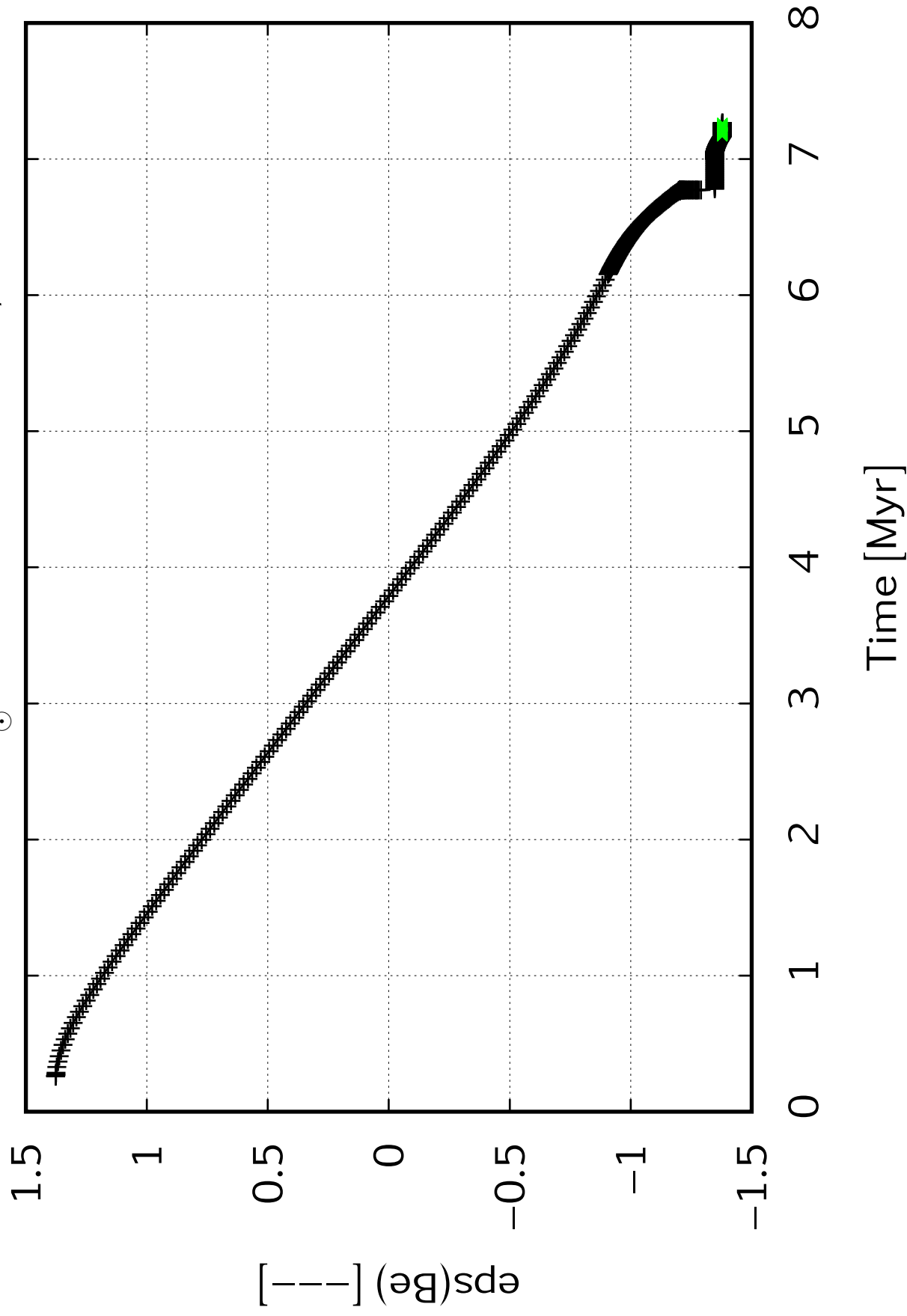
$M=25\,M_{\odot}$     $Z=1.0\,\text{mw}$     $v=100\,\text{km/s}$



$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s

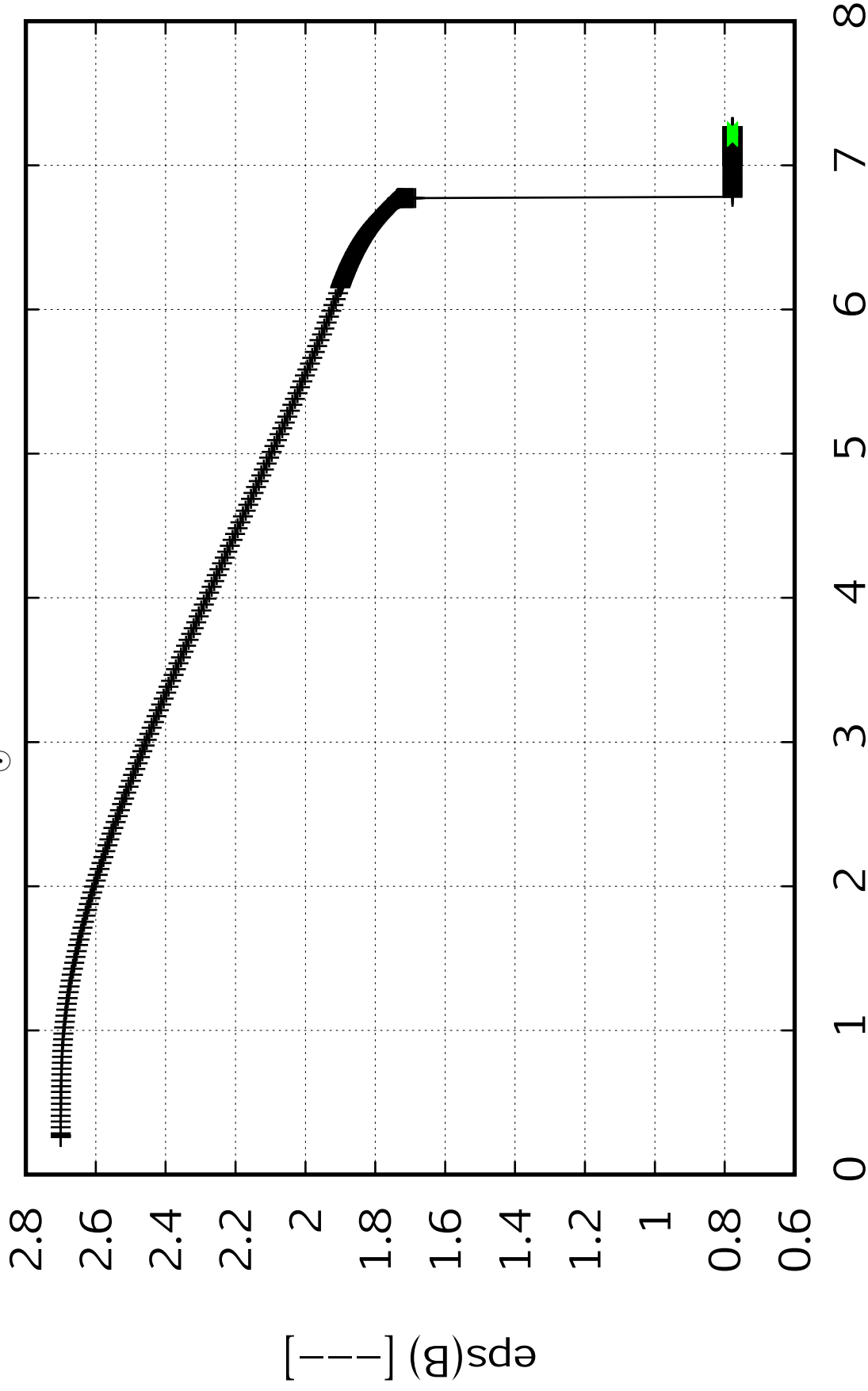


$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s

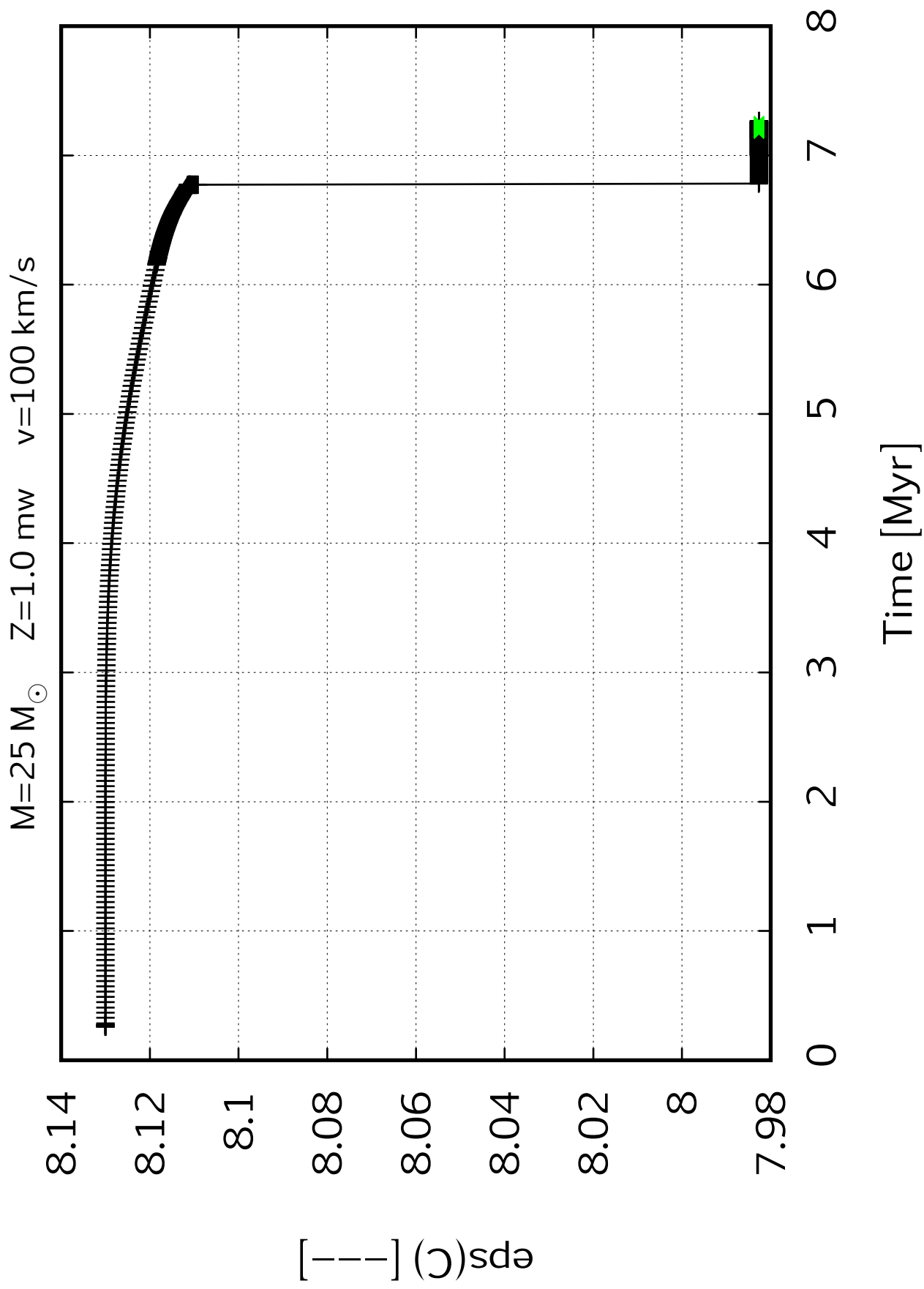




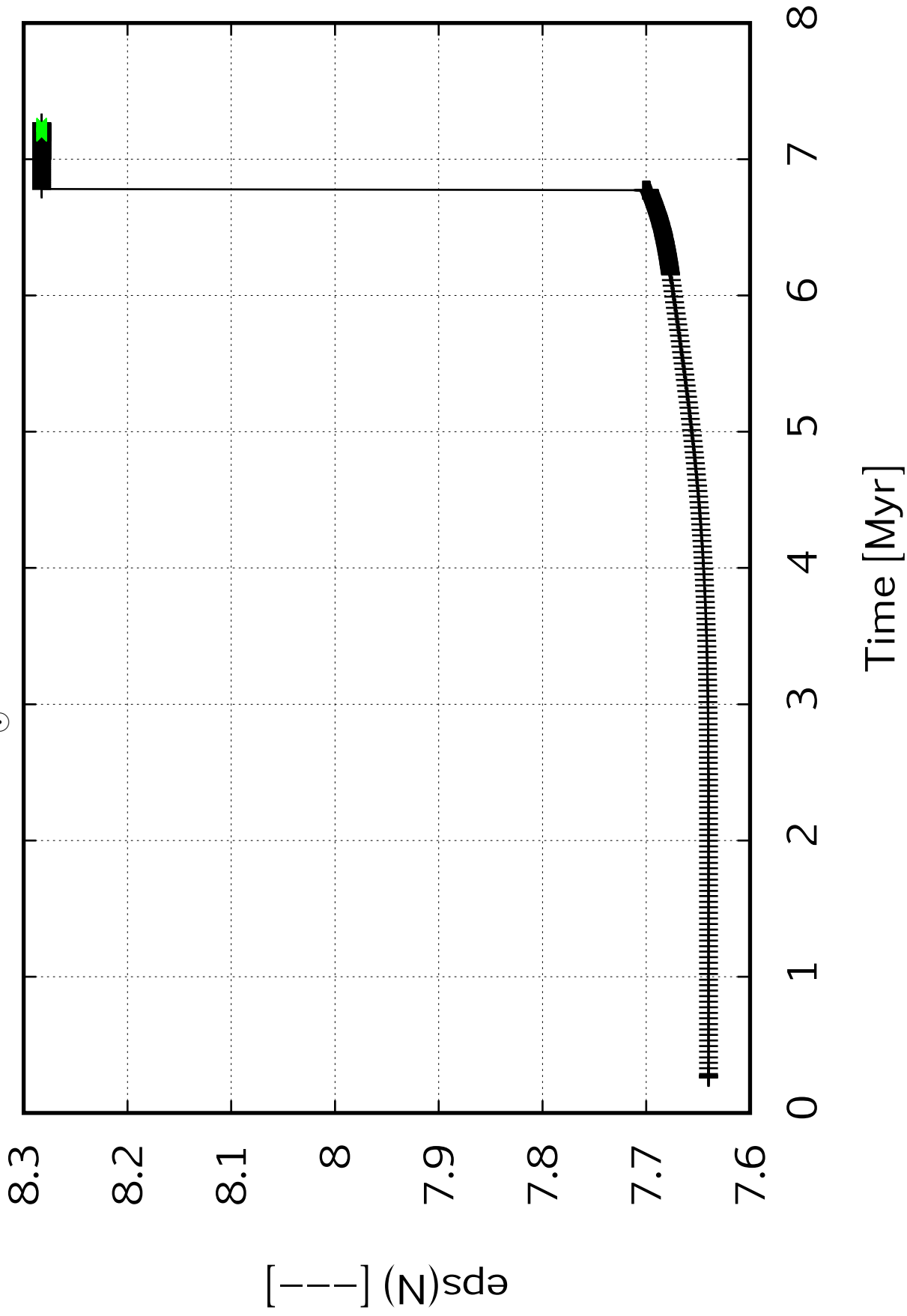
$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100\text{ km/s}$



Time [Myr]



$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100\text{ km/s}$



$M=25\,M_{\odot}$     $Z=1.0\,\text{mw}$     $v=100\,\text{km/s}$

8.56

8.55

8.54

8.53

8.52

8.51

8.5

8.49

8.48

8.47

8.46

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

0

1

2

3

4

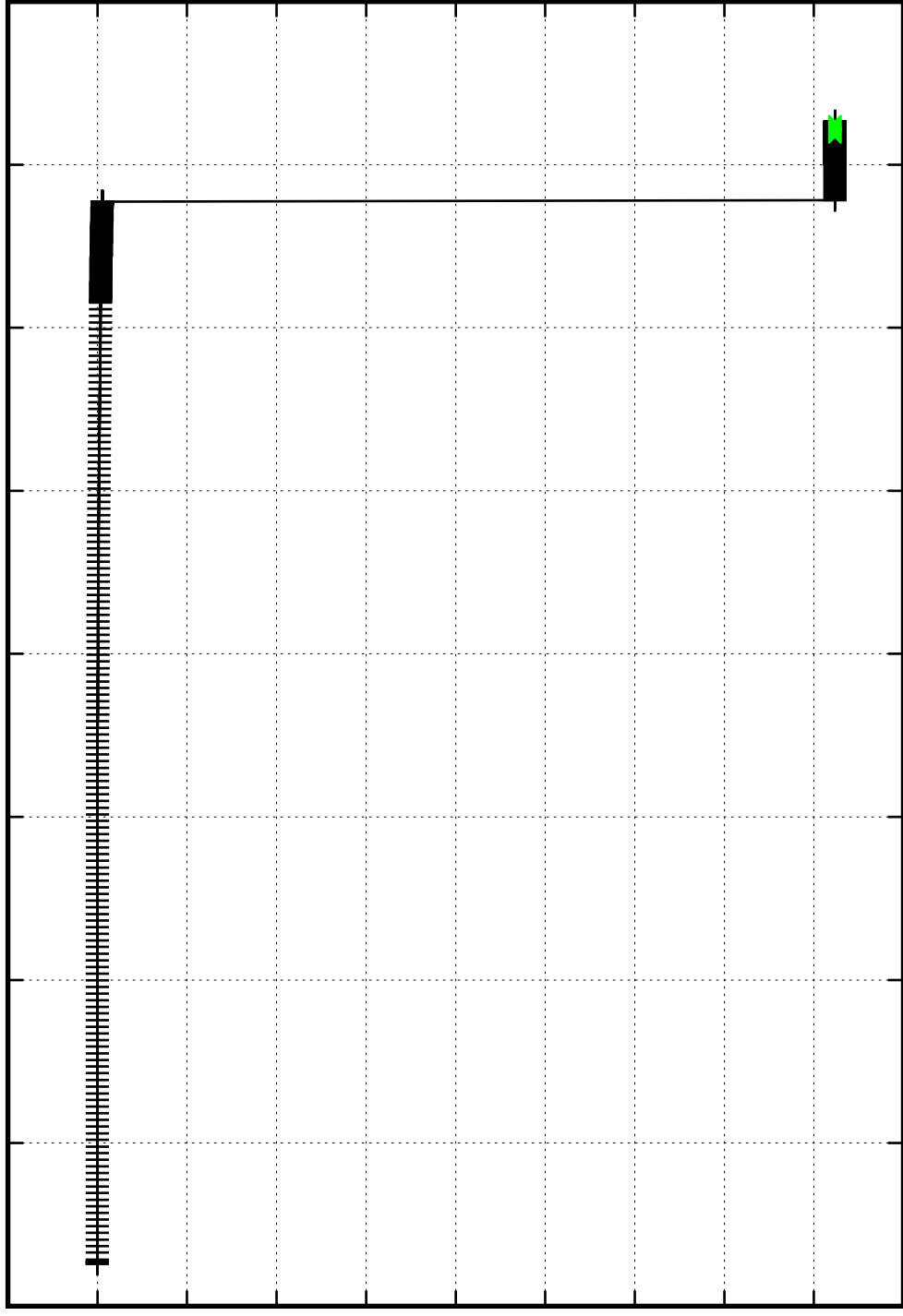
5

6

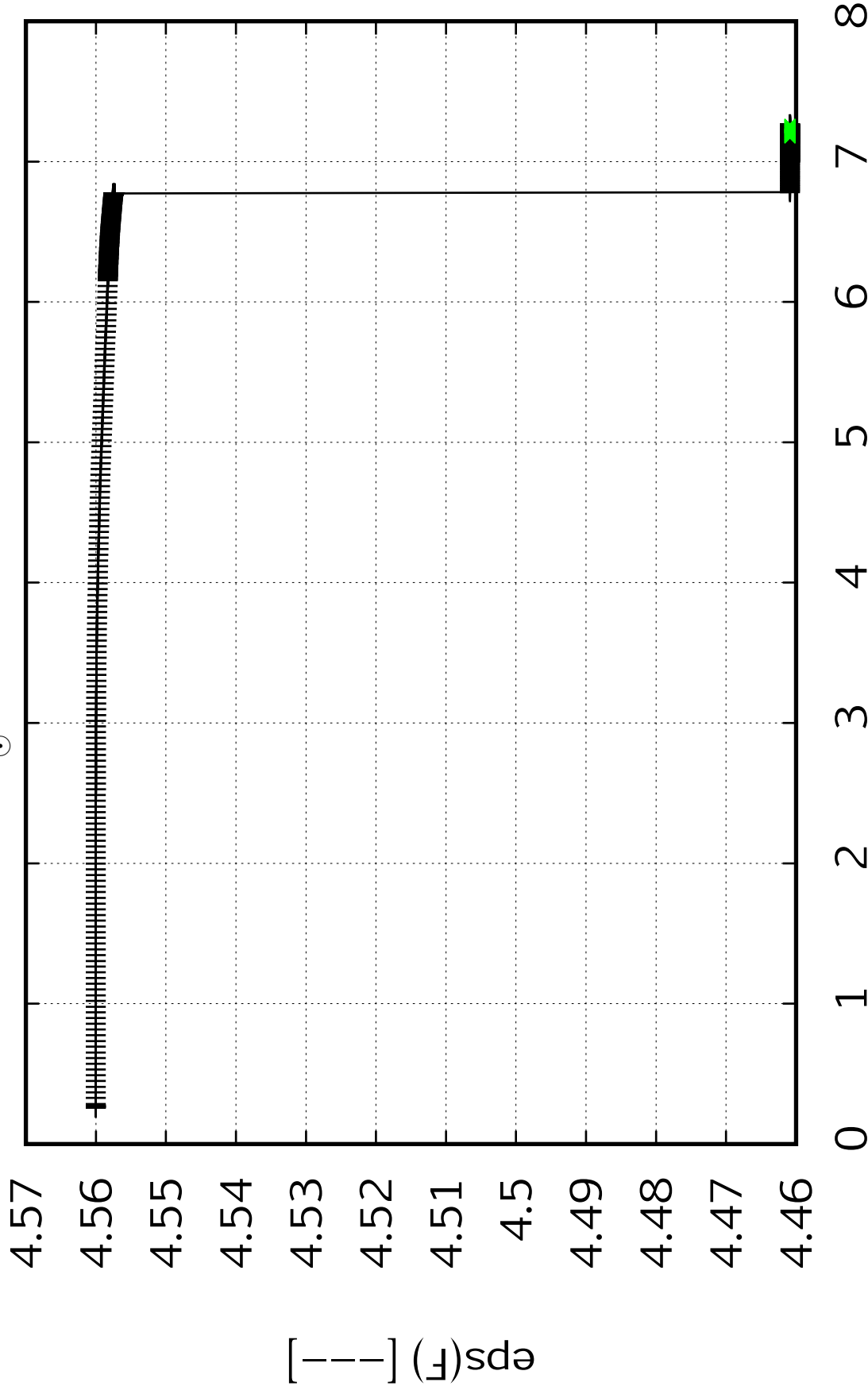
7

8

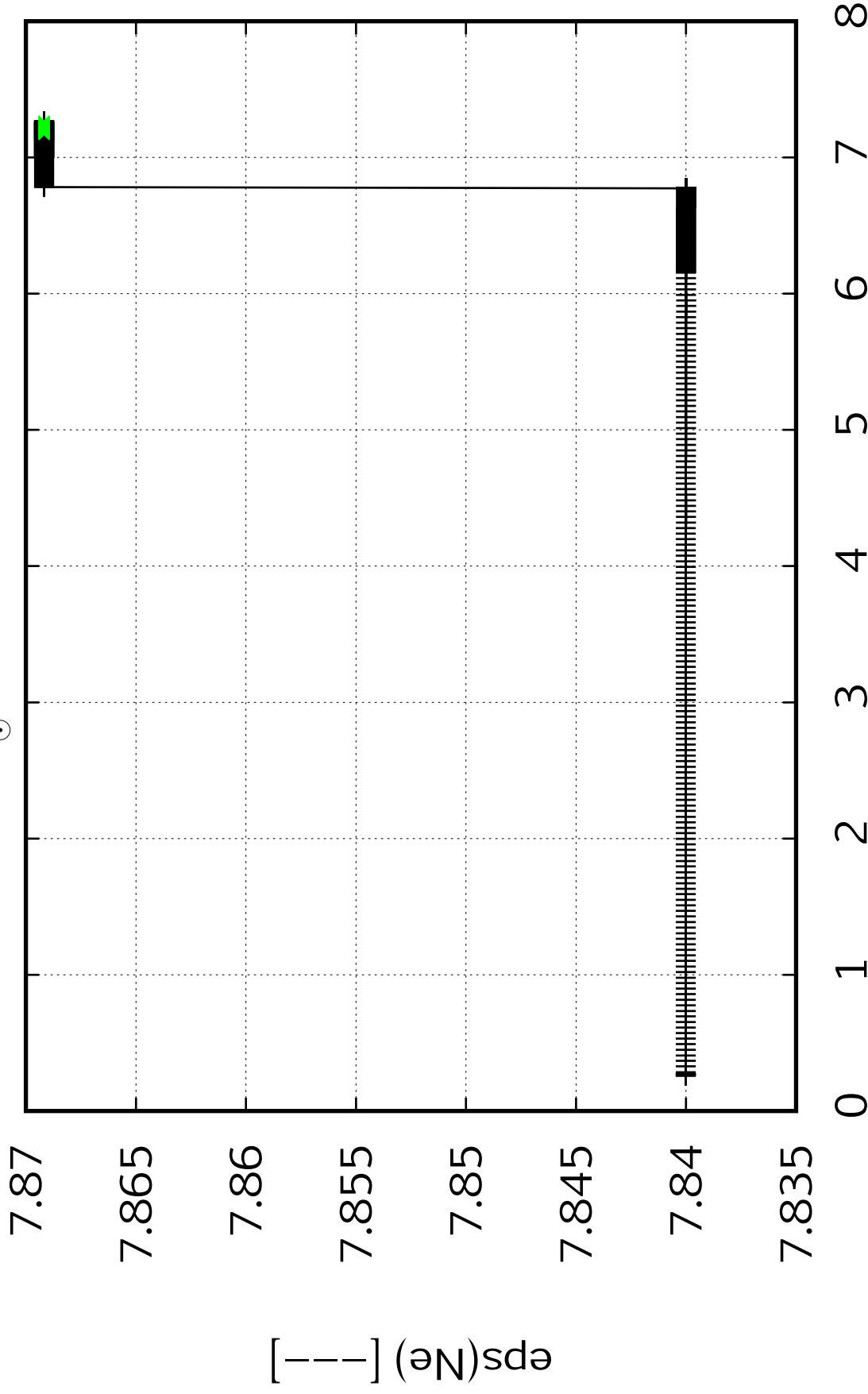
Time [Myr]



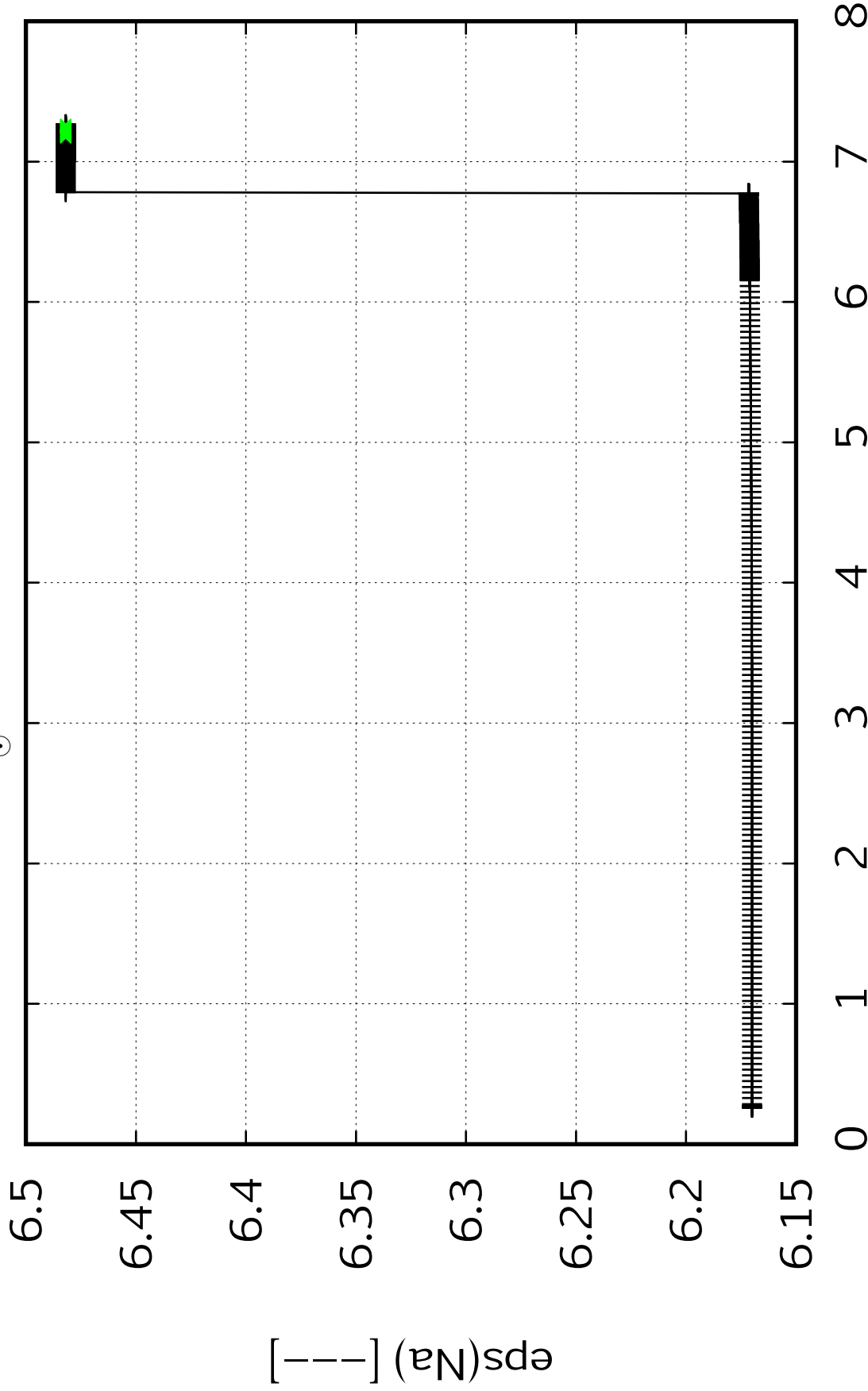
$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100\text{ km/s}$



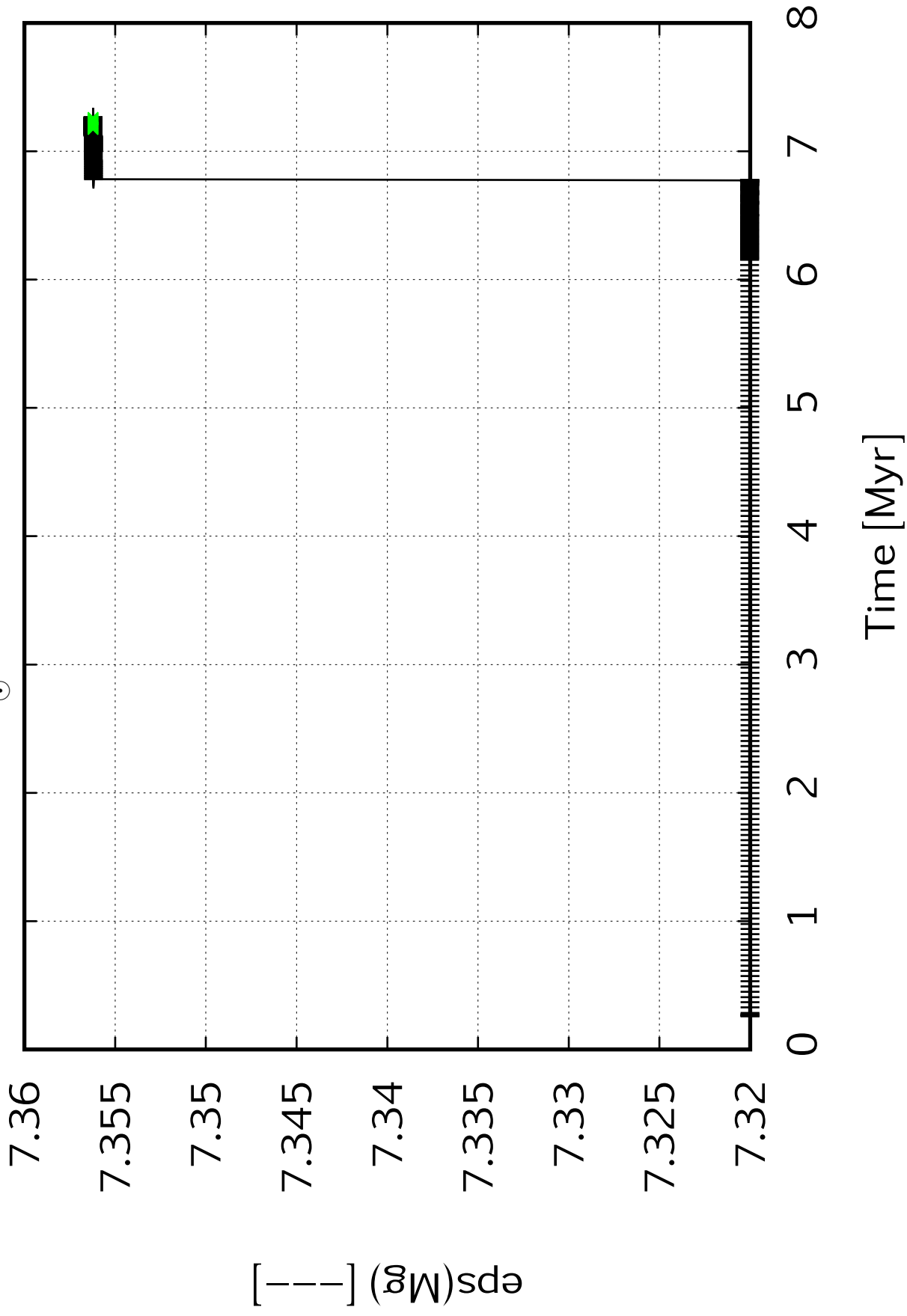
$M=25\,M_{\odot}$     $Z=1.0\,\text{mw}$     $v=100\,\text{km/s}$



$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s

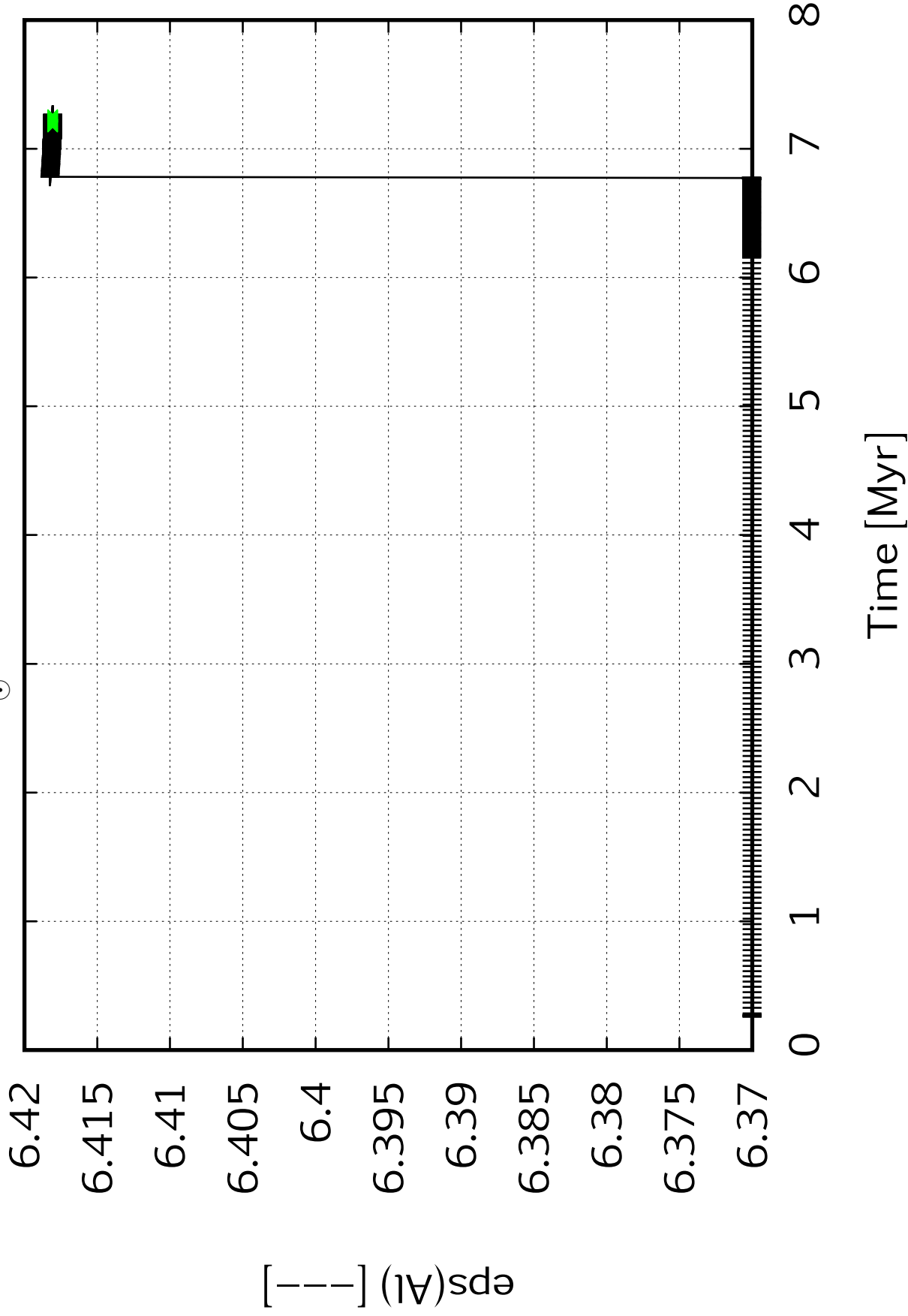


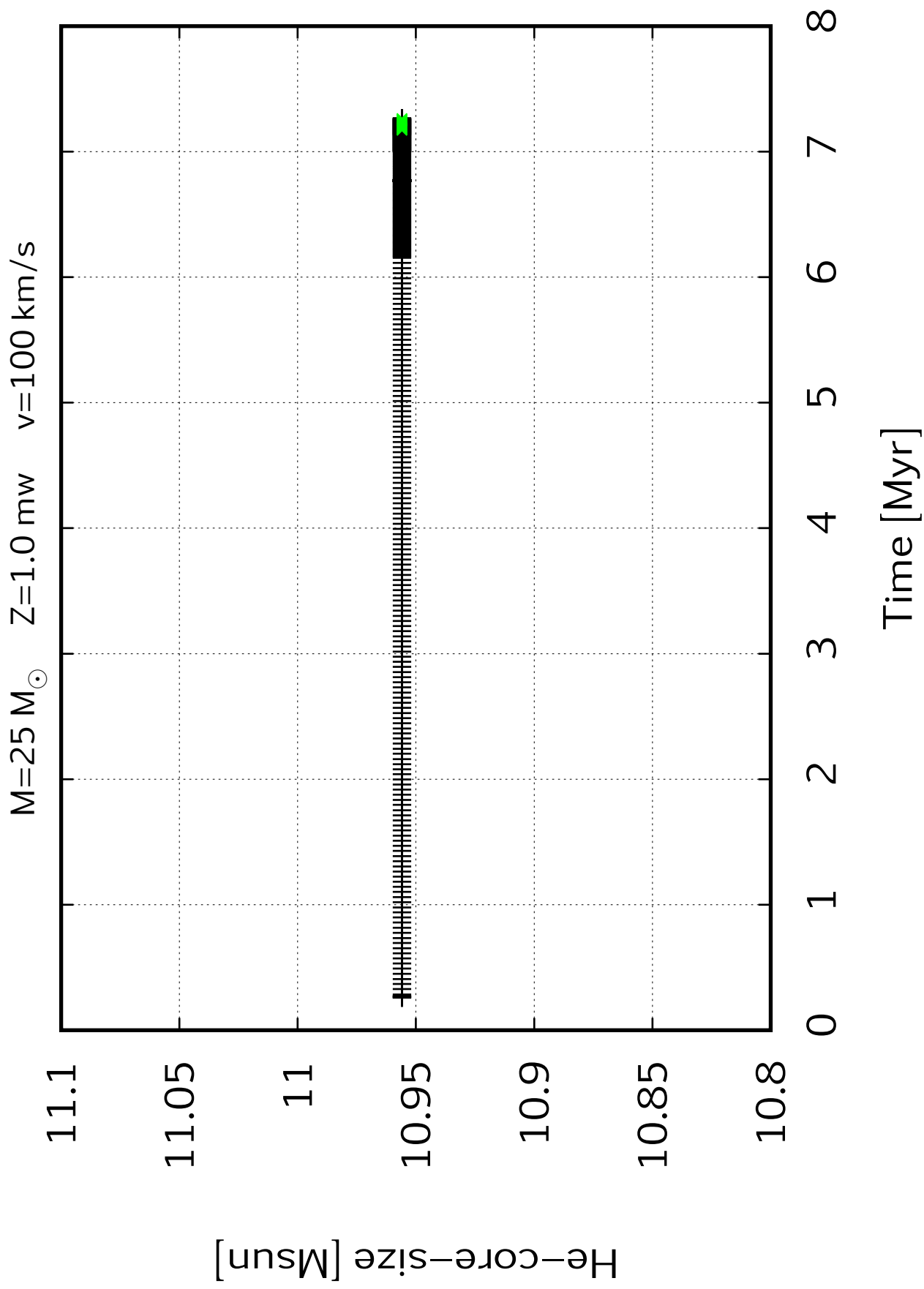
$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s



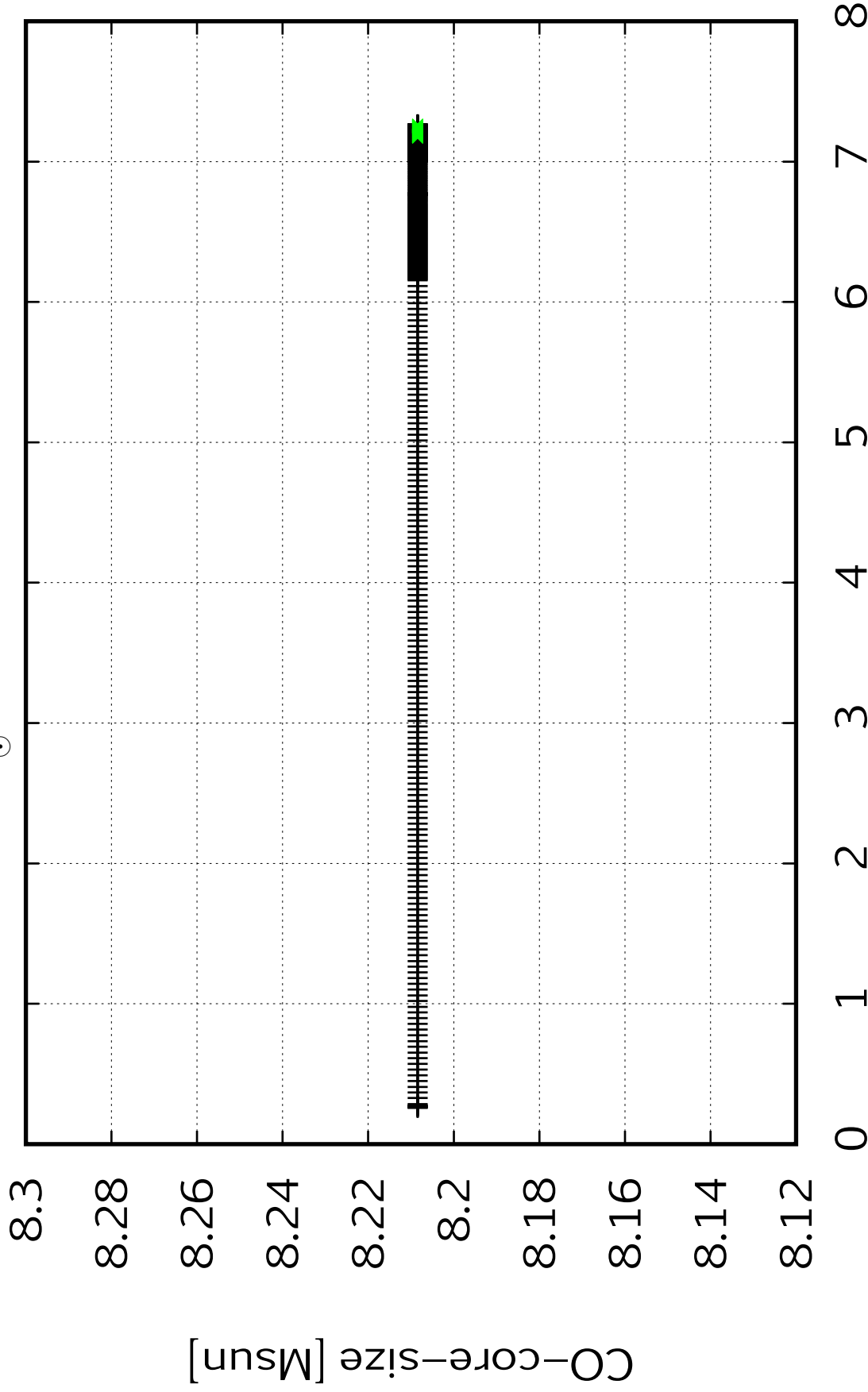


$M=25\,M_{\odot}$     $Z=1.0\,\text{mw}$     $v=100\,\text{km/s}$



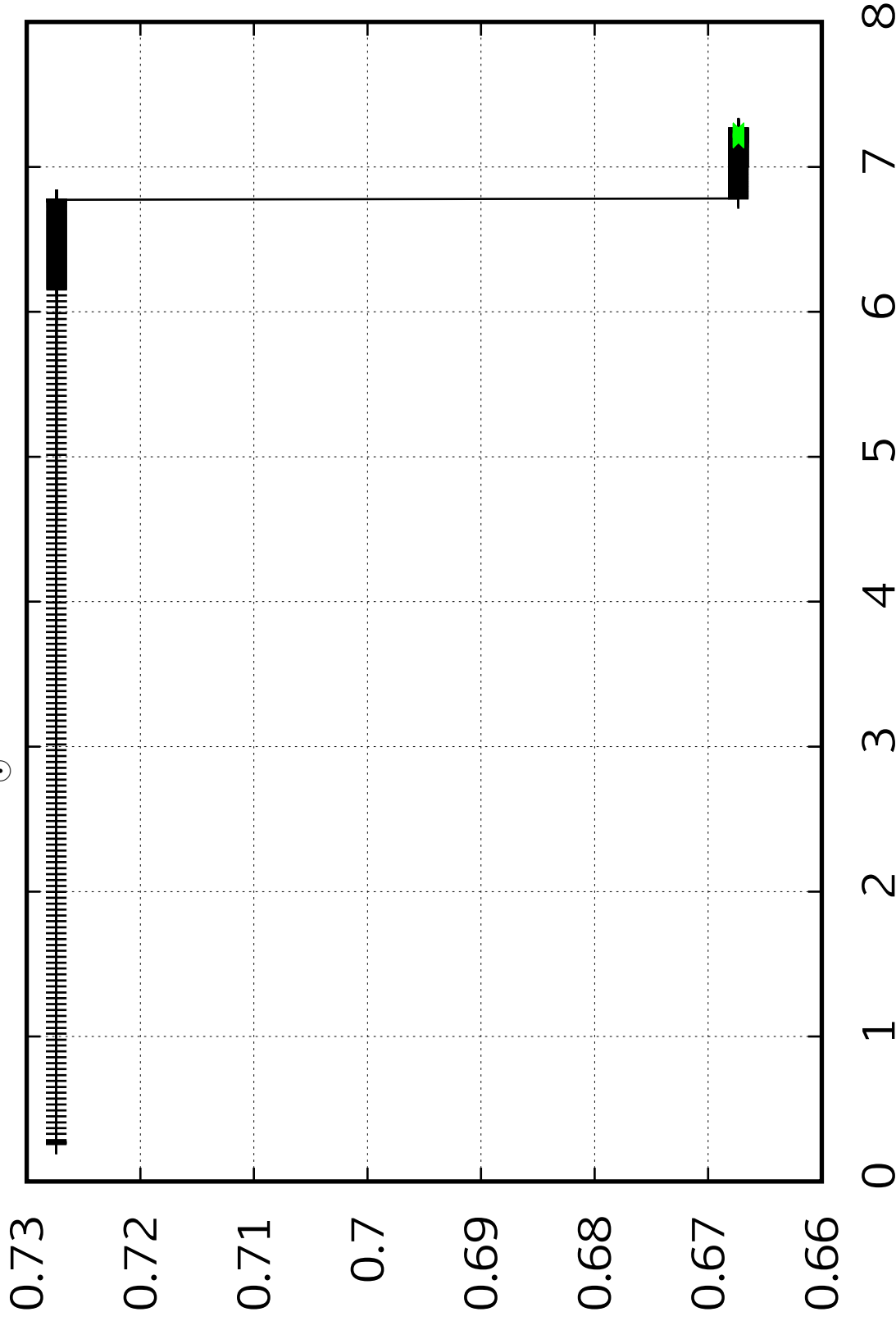


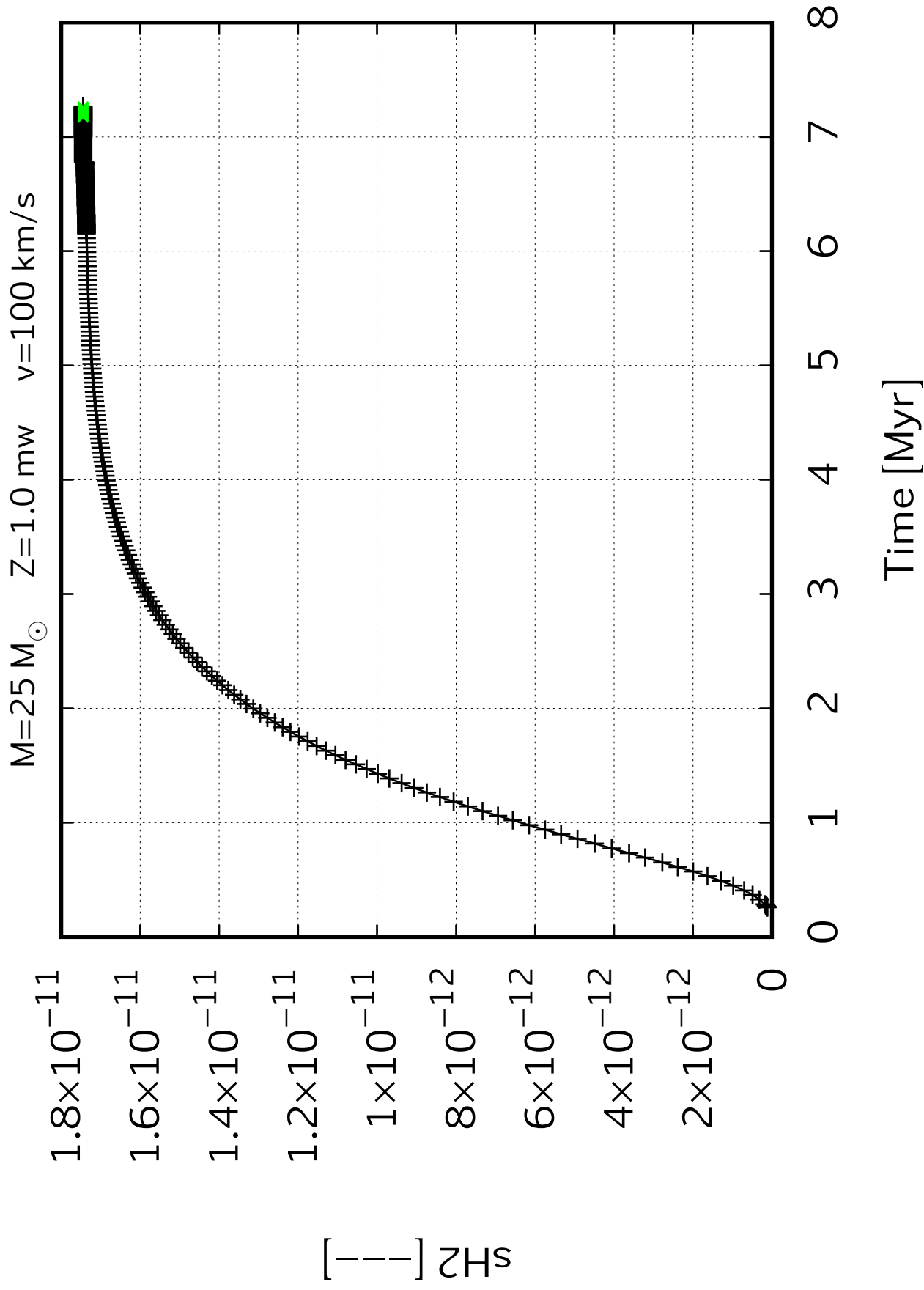
$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100\text{ km/s}$



$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100\text{ km/s}$

$[I-I]_{H_s}$





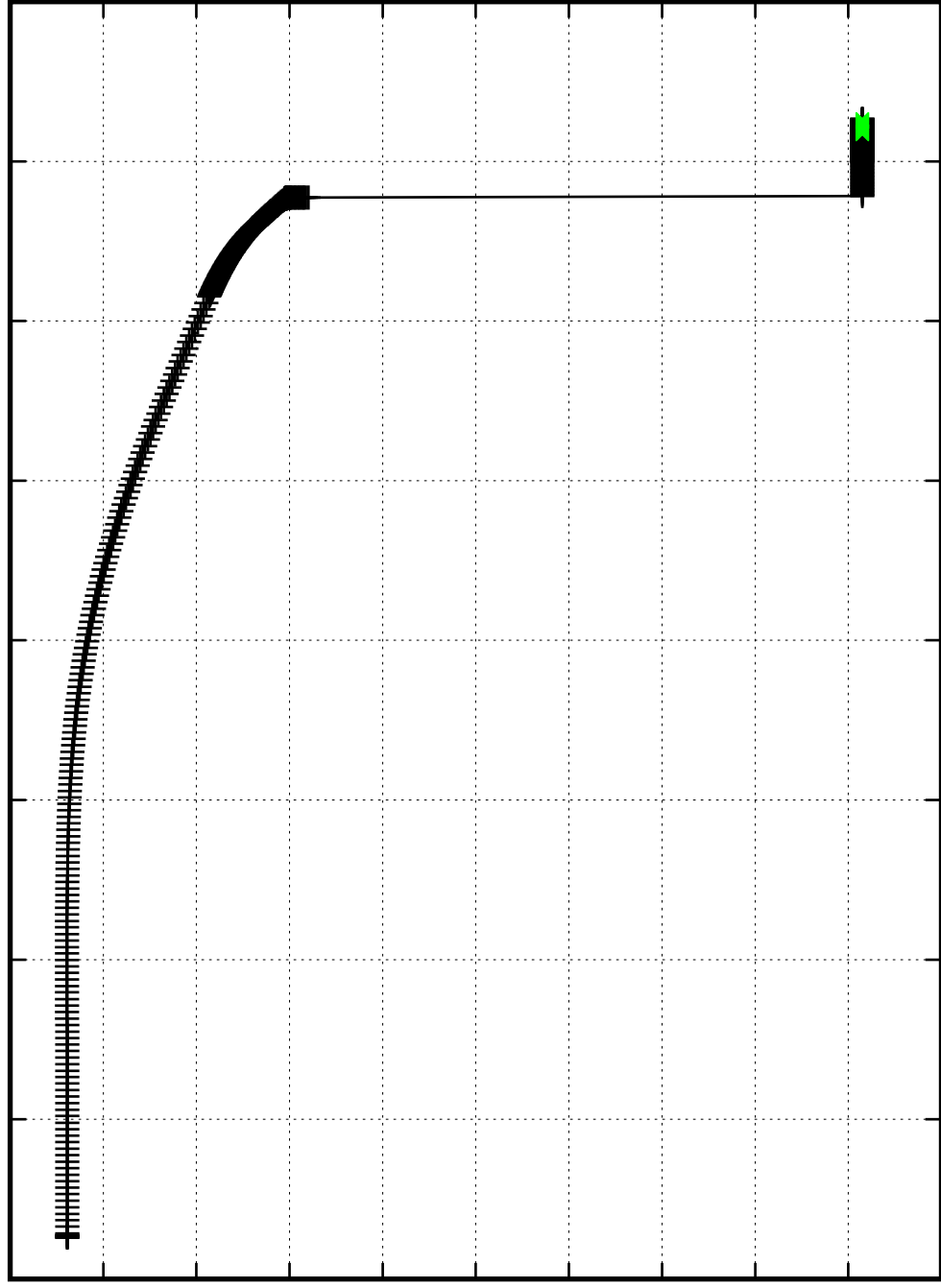
$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$

0.00003  
0.00003  
0.00003  
0.00003  
0.00003  
0.00002  
0.00002  
0.00002  
0.00002  
0.00002  
0.00001

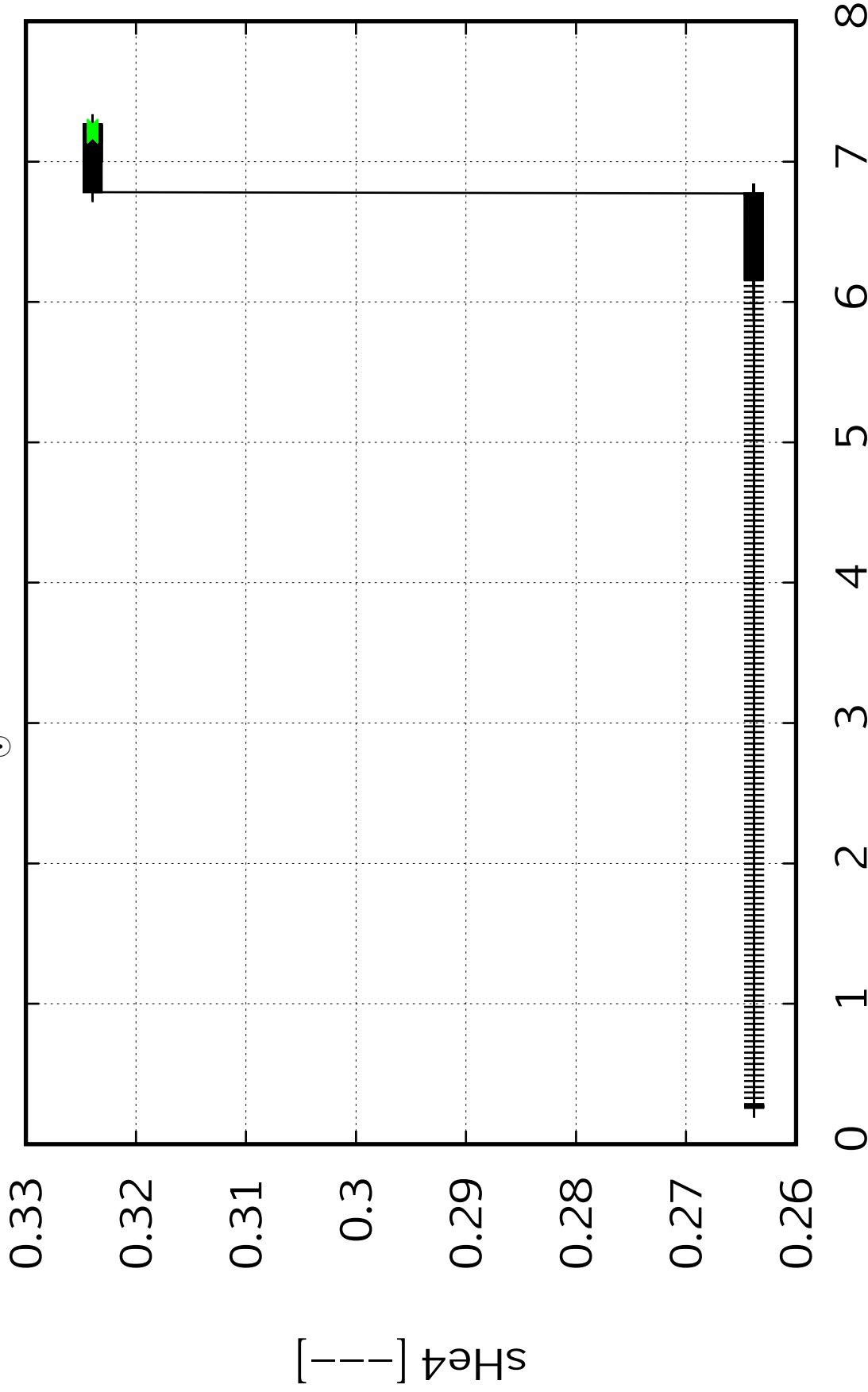
$[\text{He3}]$

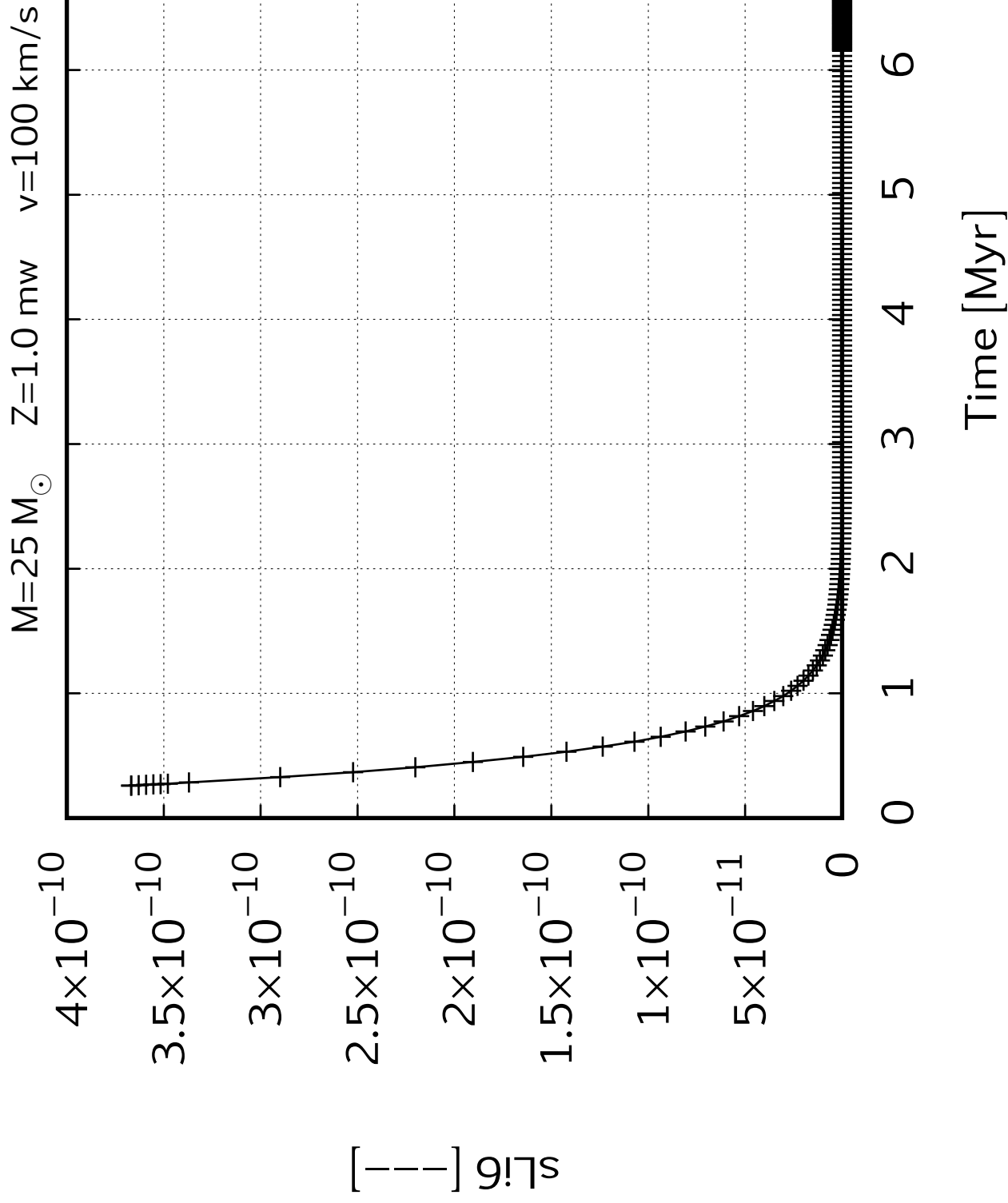
0   1   2   3   4   5   6   7   8

Time [Myr]



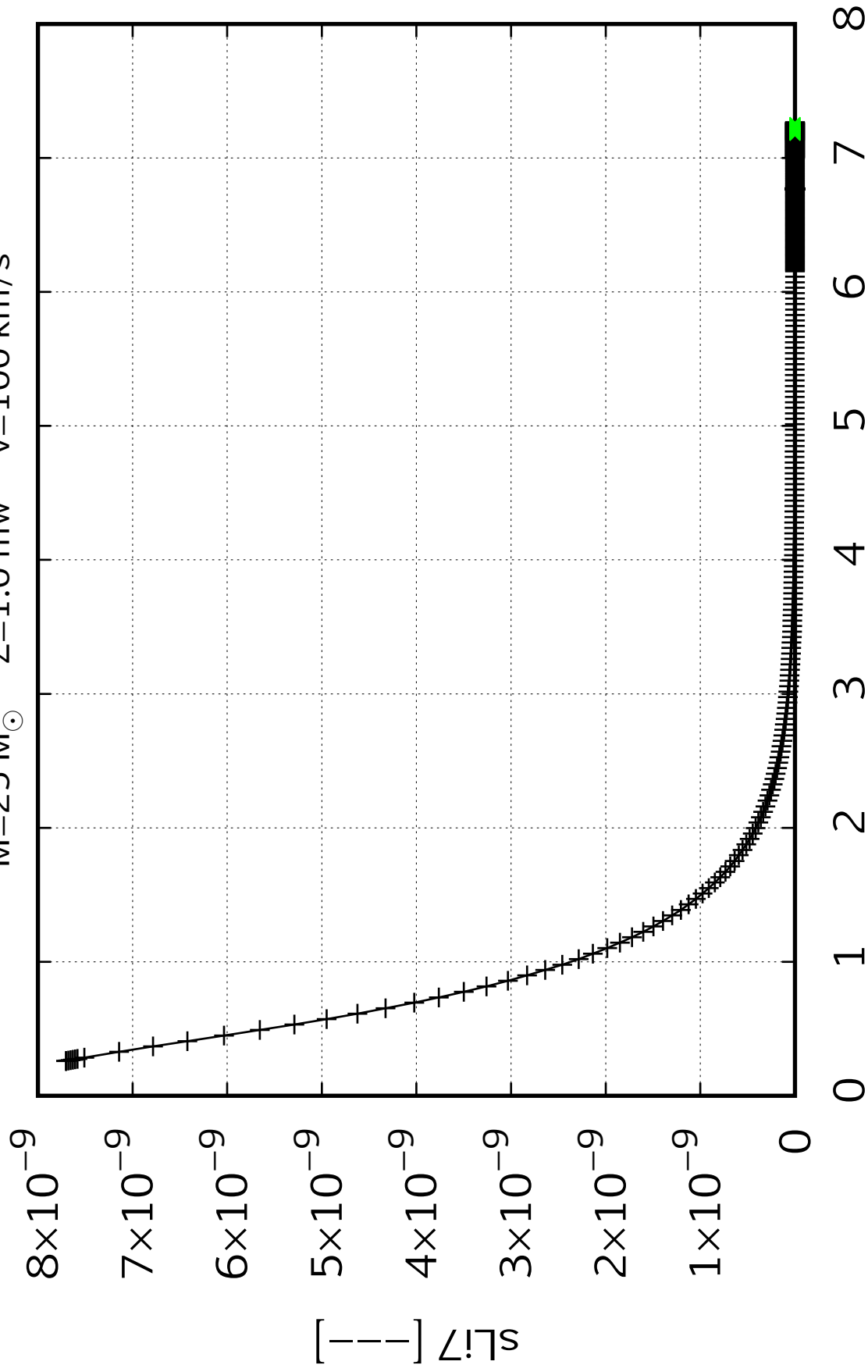
$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100\text{ km/s}$

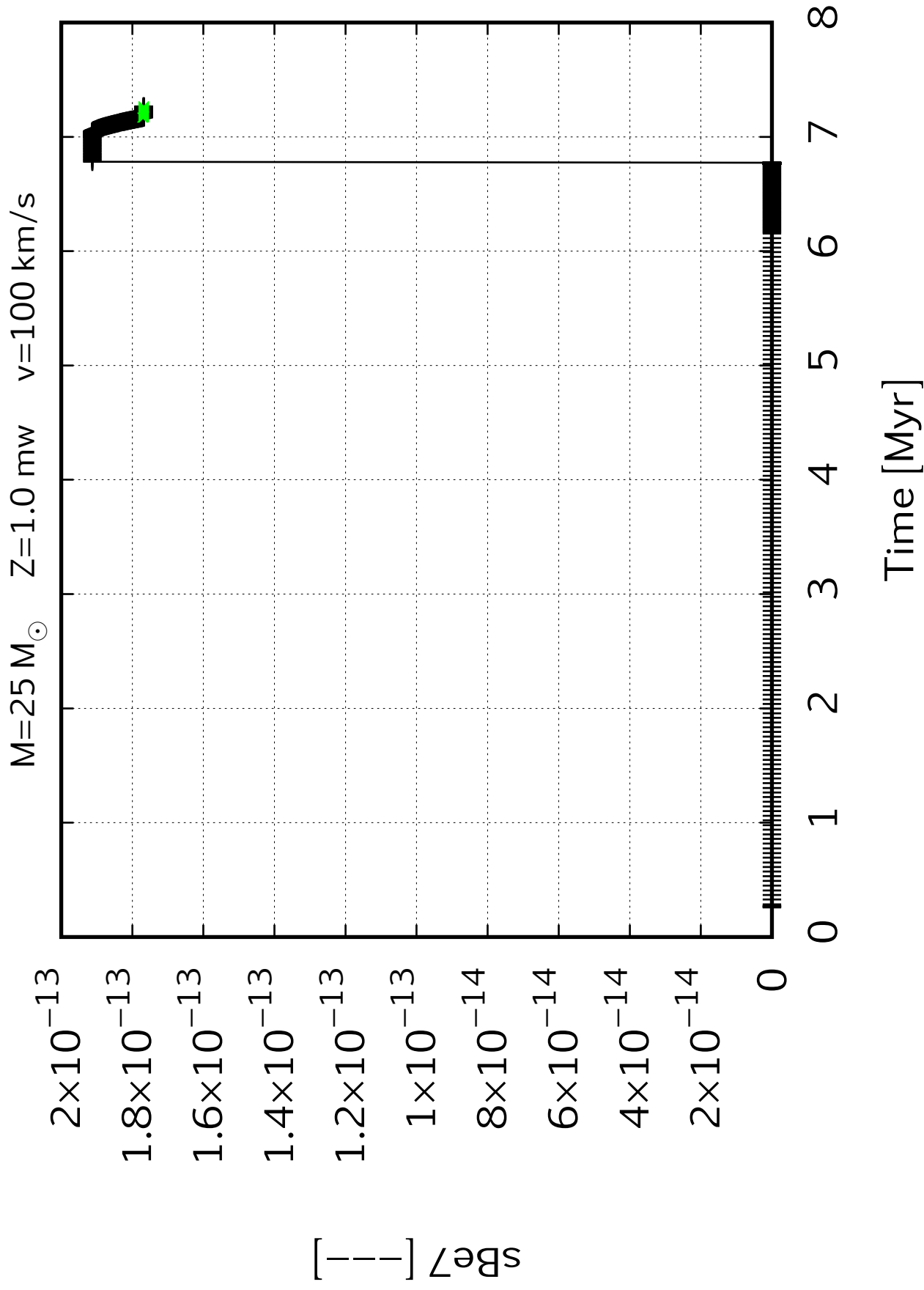




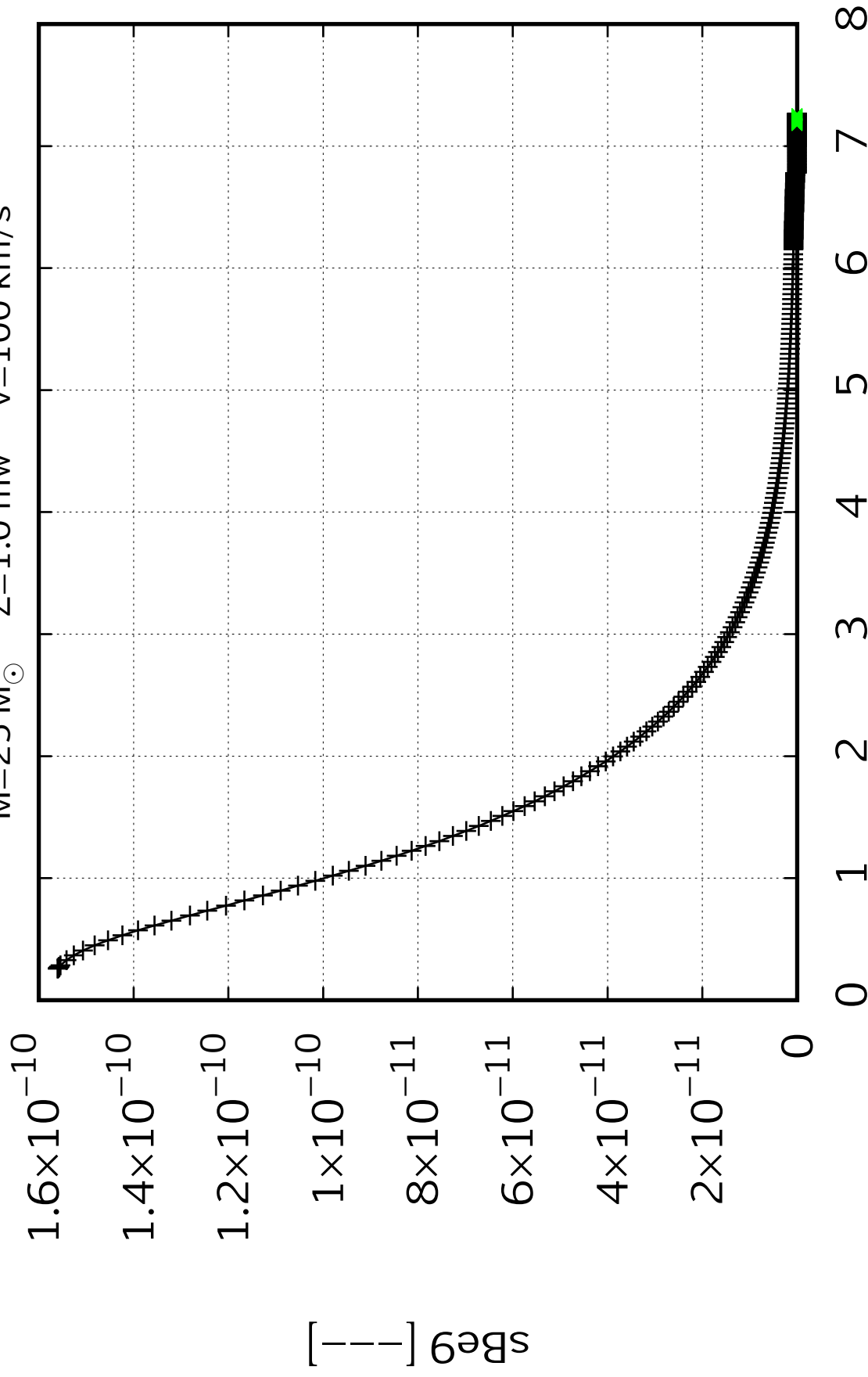


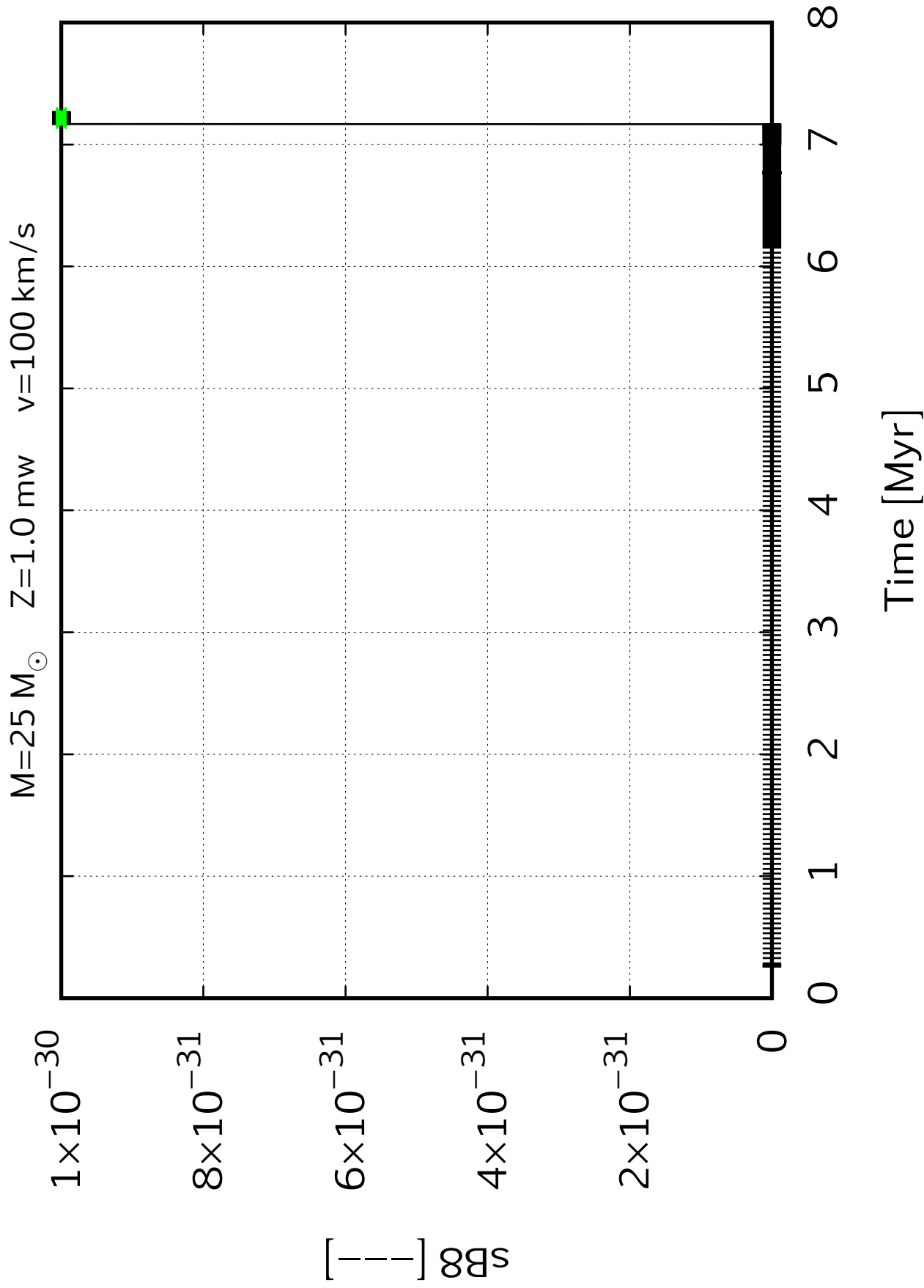
$M=25\,M_{\odot}$     $Z=1.0\,\text{mw}$     $v=100\,\text{km/s}$



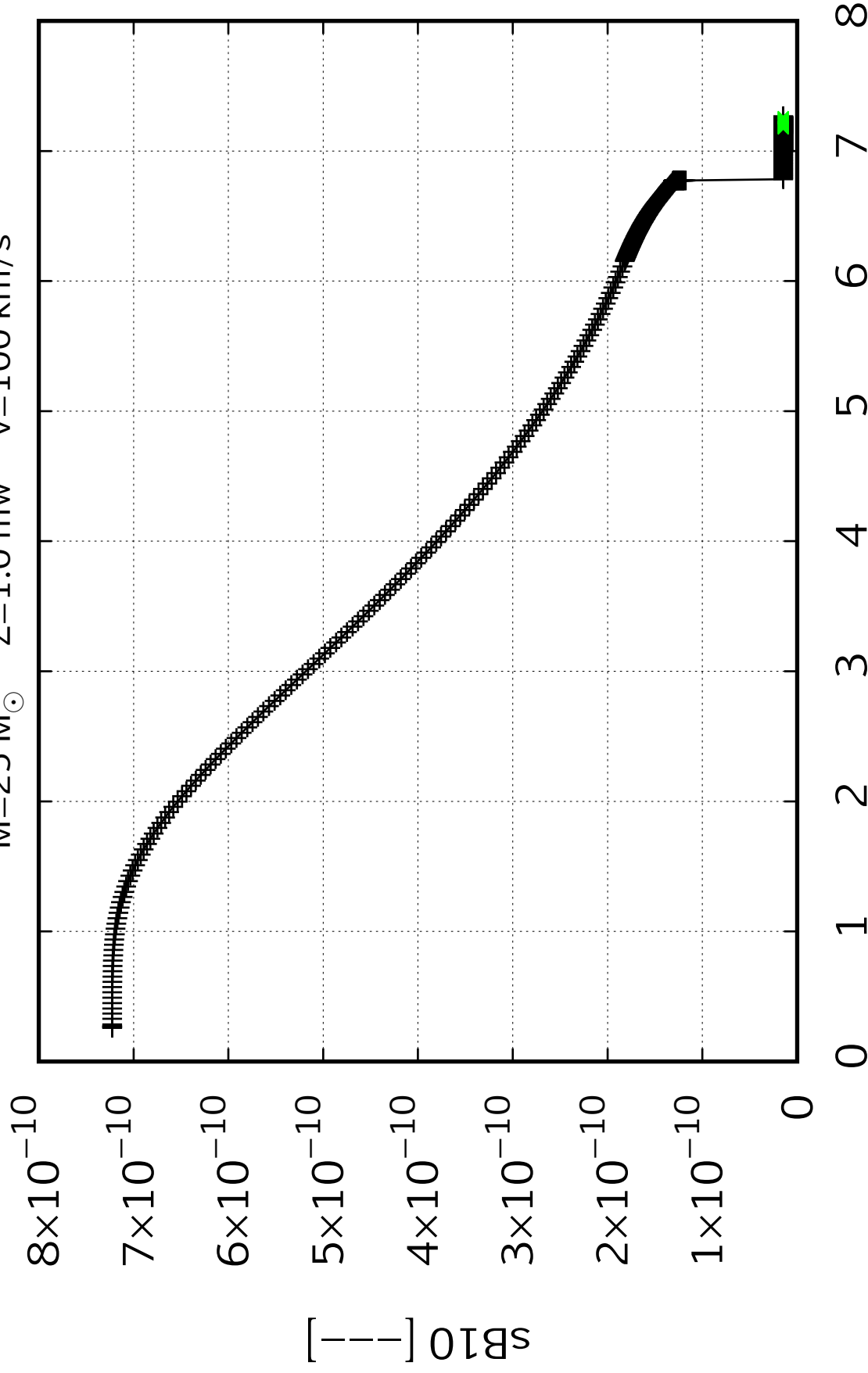


$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s

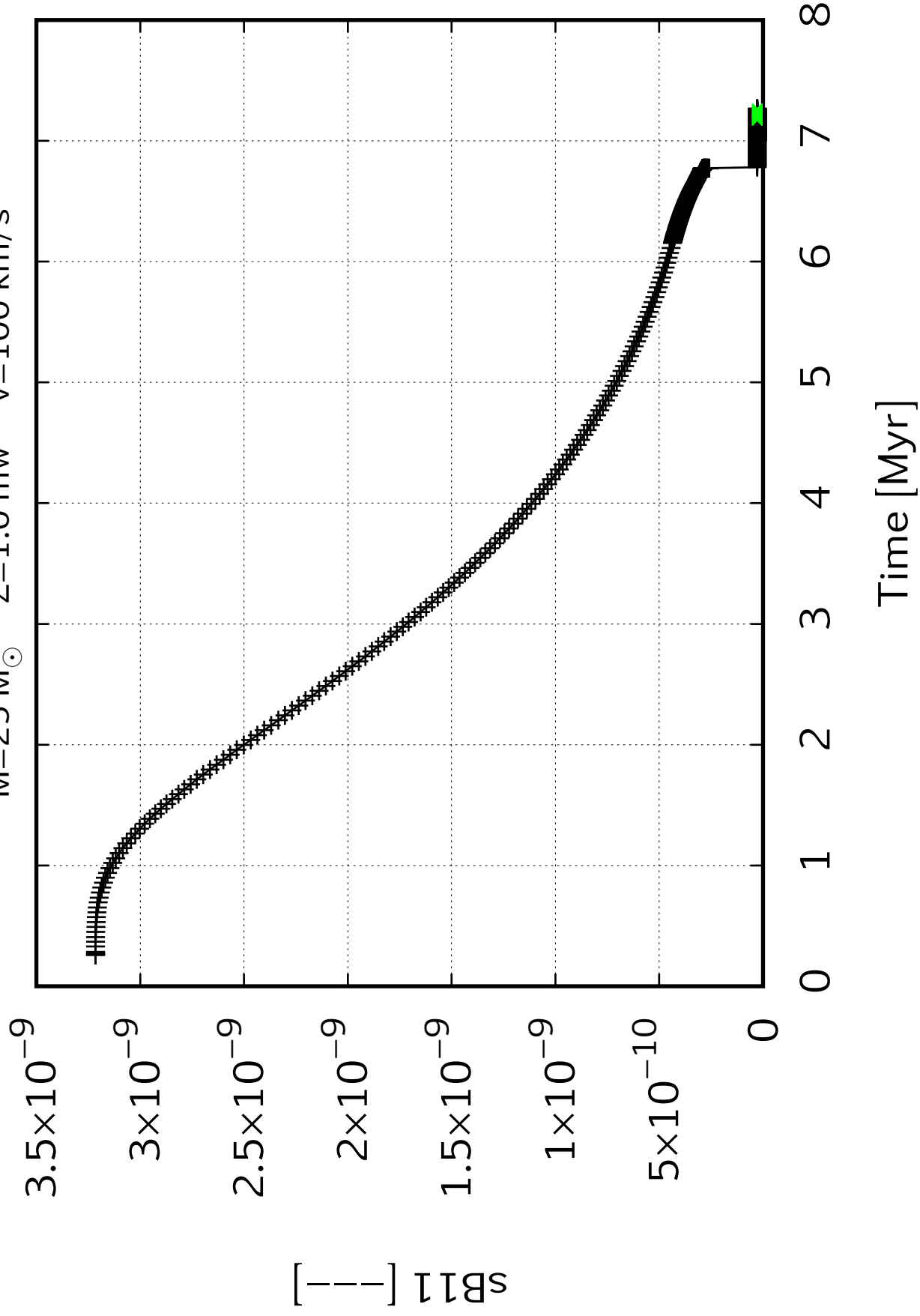


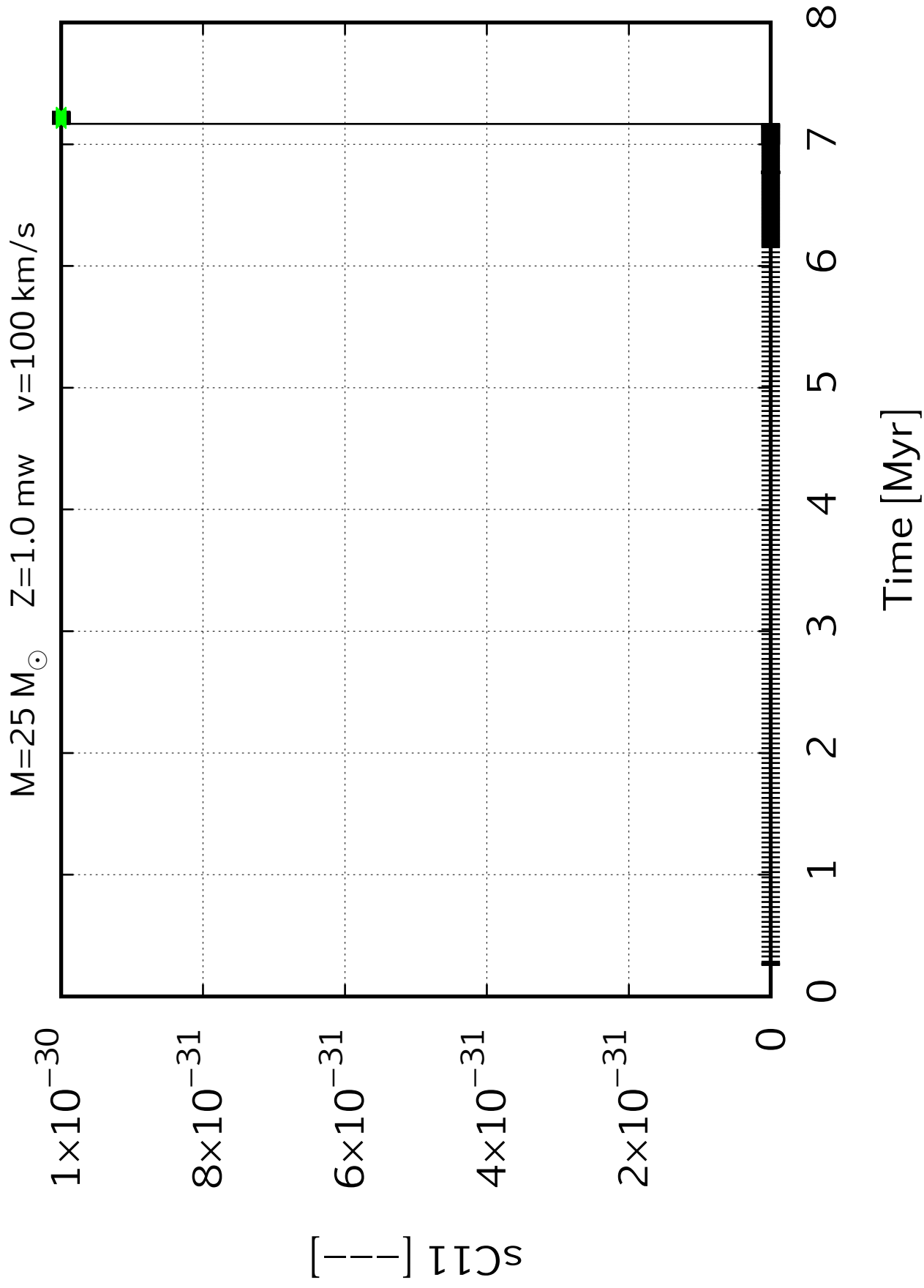


$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$



$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s

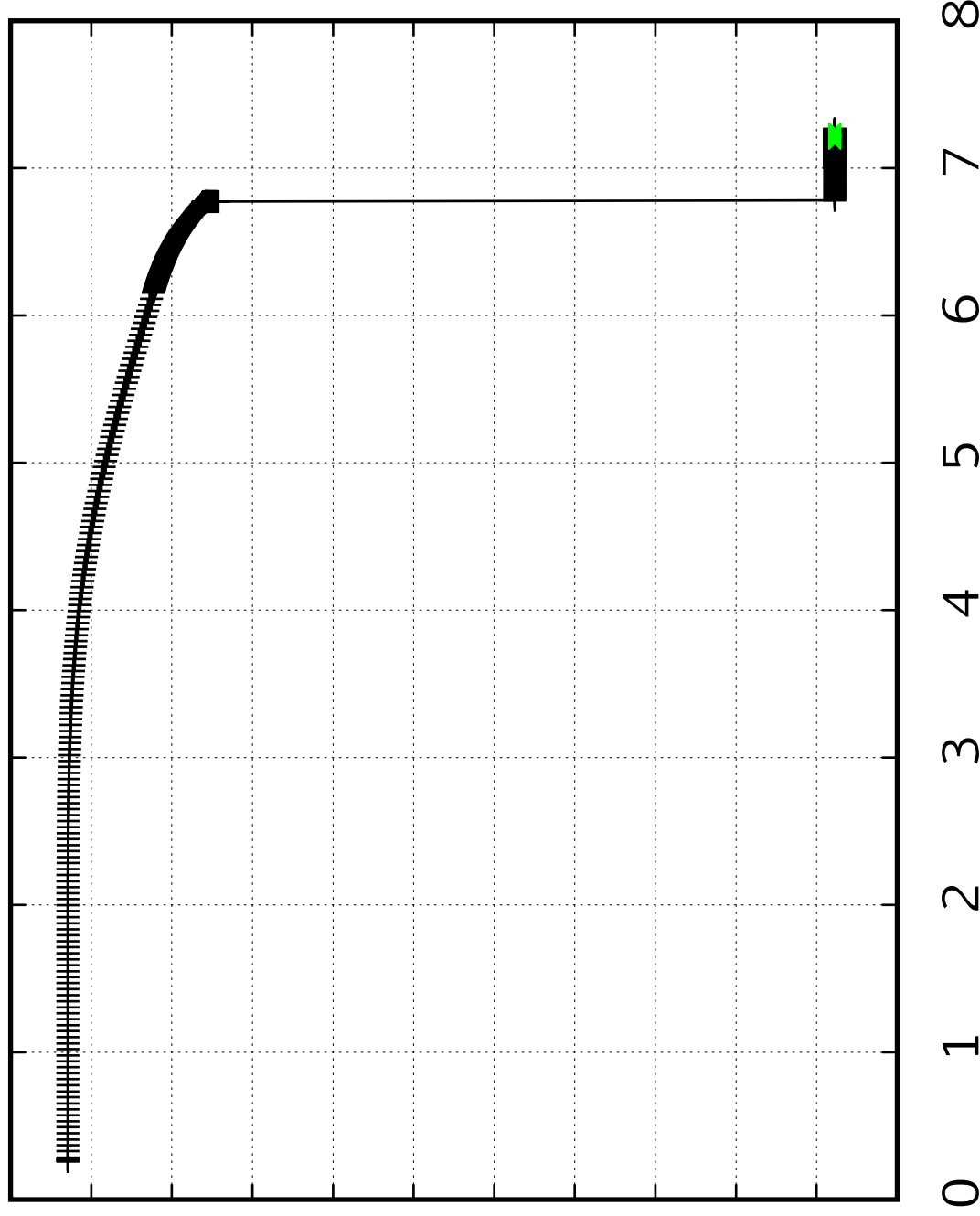




$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100\text{ km/s}$

$s_{\text{C12}}[-]$

0.0012  
0.00115  
0.0011  
0.00105  
0.001  
0.00095  
0.0009  
0.00085  
0.0008  
0.00075  
0.0007  
0.00065



Time [Myr]



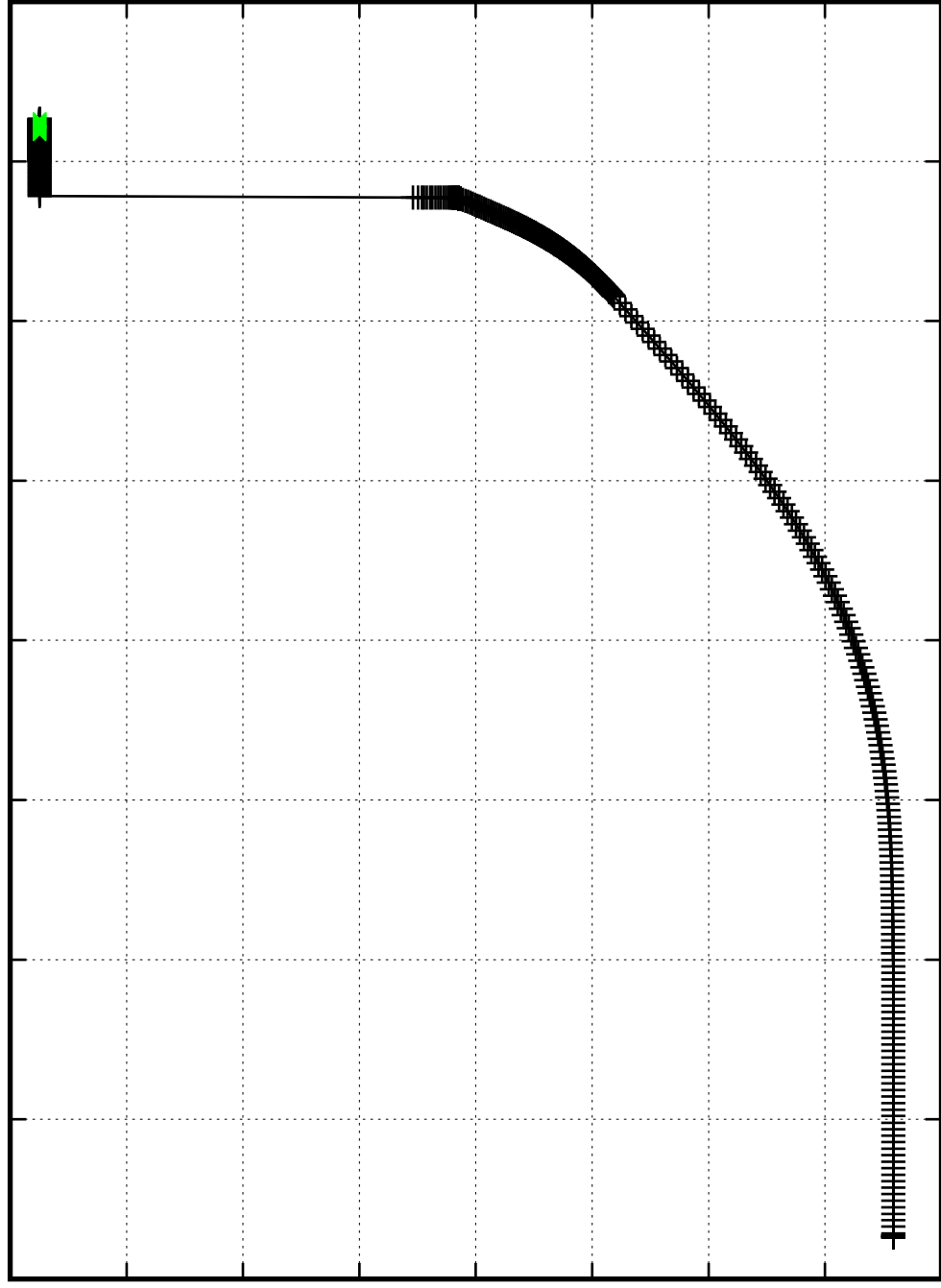
$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$

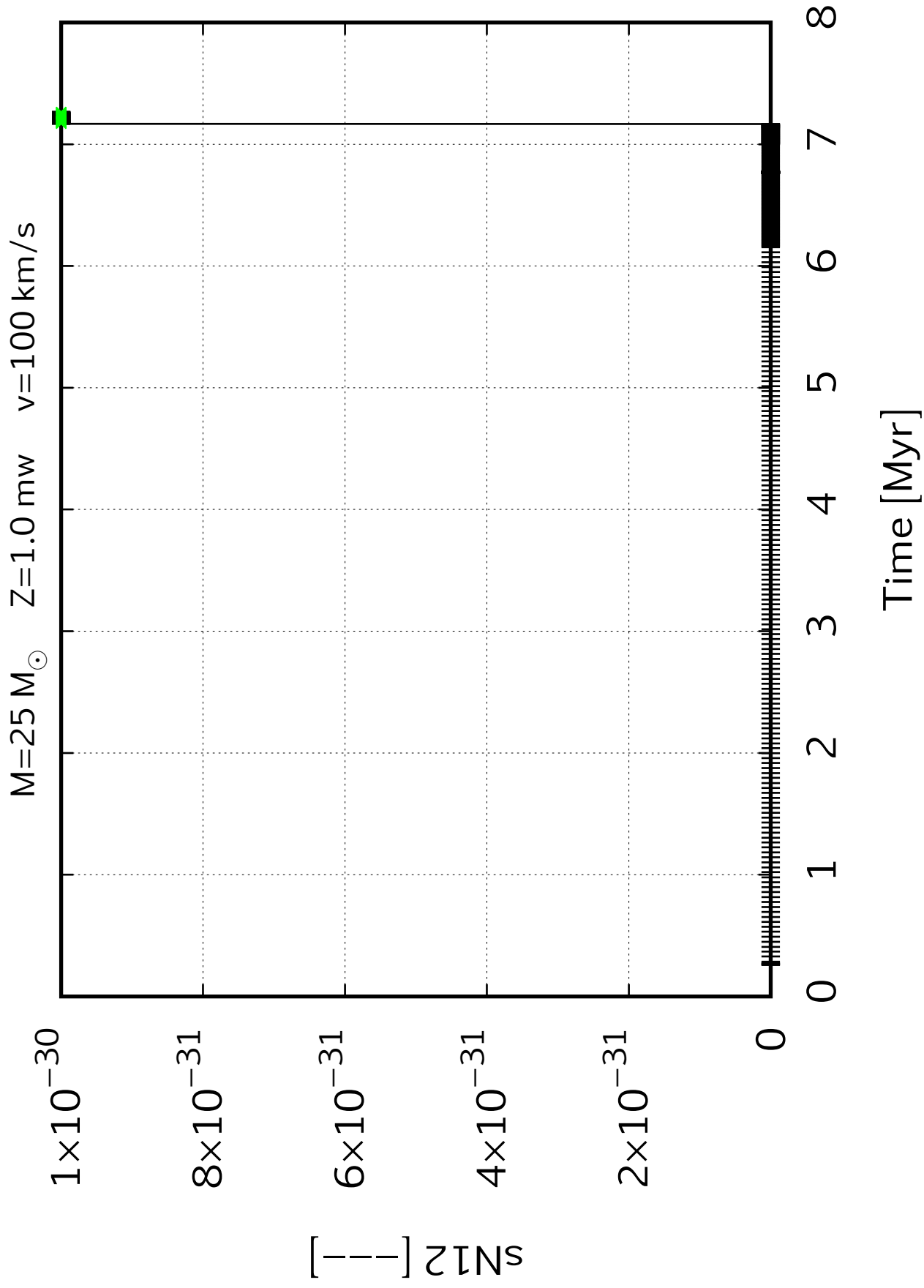
$^s\text{C13}[\text{I}]$

0.00009  
0.00008  
0.00007  
0.00006  
0.00005  
0.00004  
0.00003  
0.00002  
0.00001

0   1   2   3   4   5   6   7   8

Time [Myr]





$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$

0.0018

0.0016

0.0014

0.0012

0.001

0.0008

0.0006

0.0004

$sN14\ [--]$

0

1

2

3

4

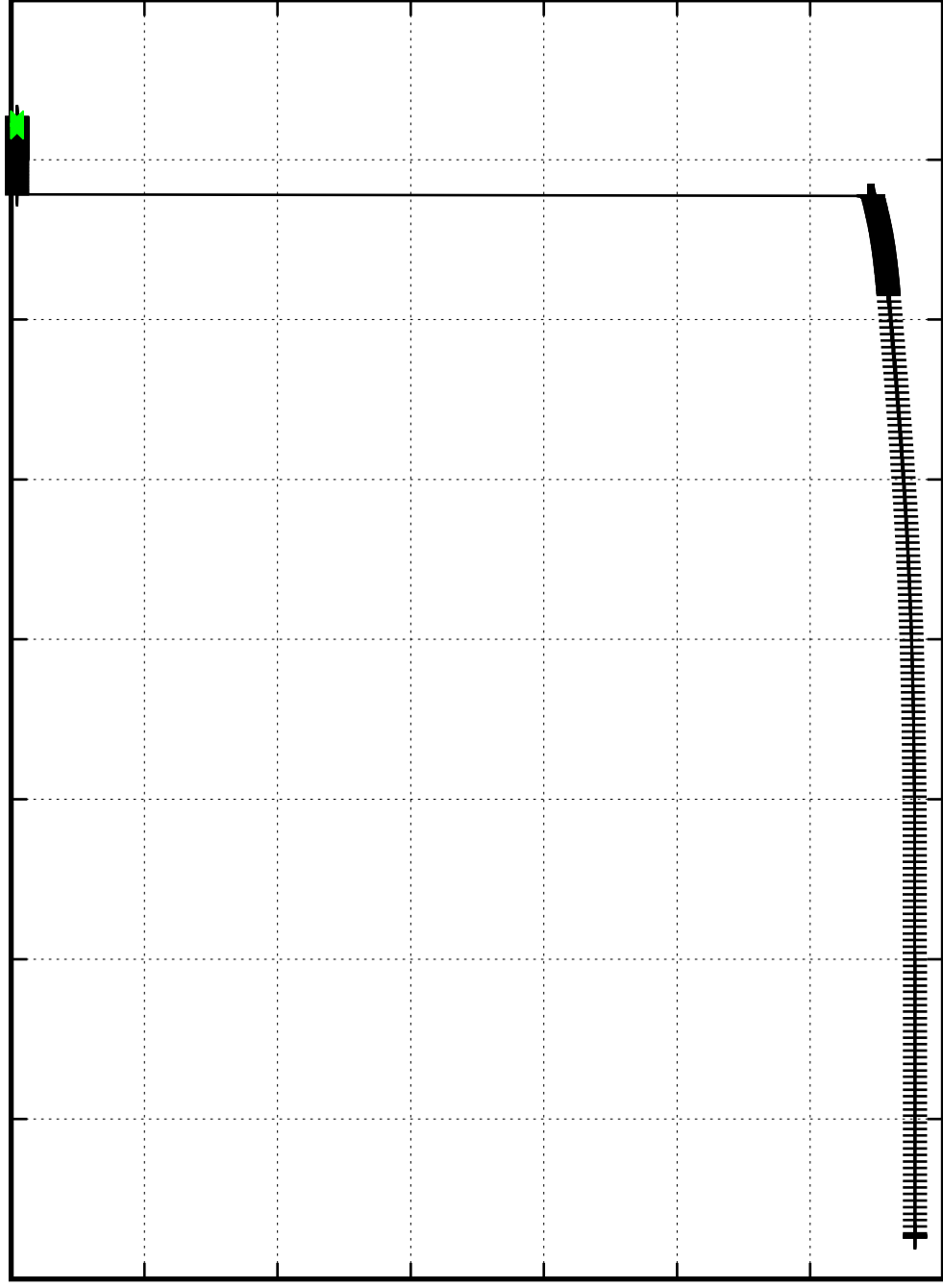
5

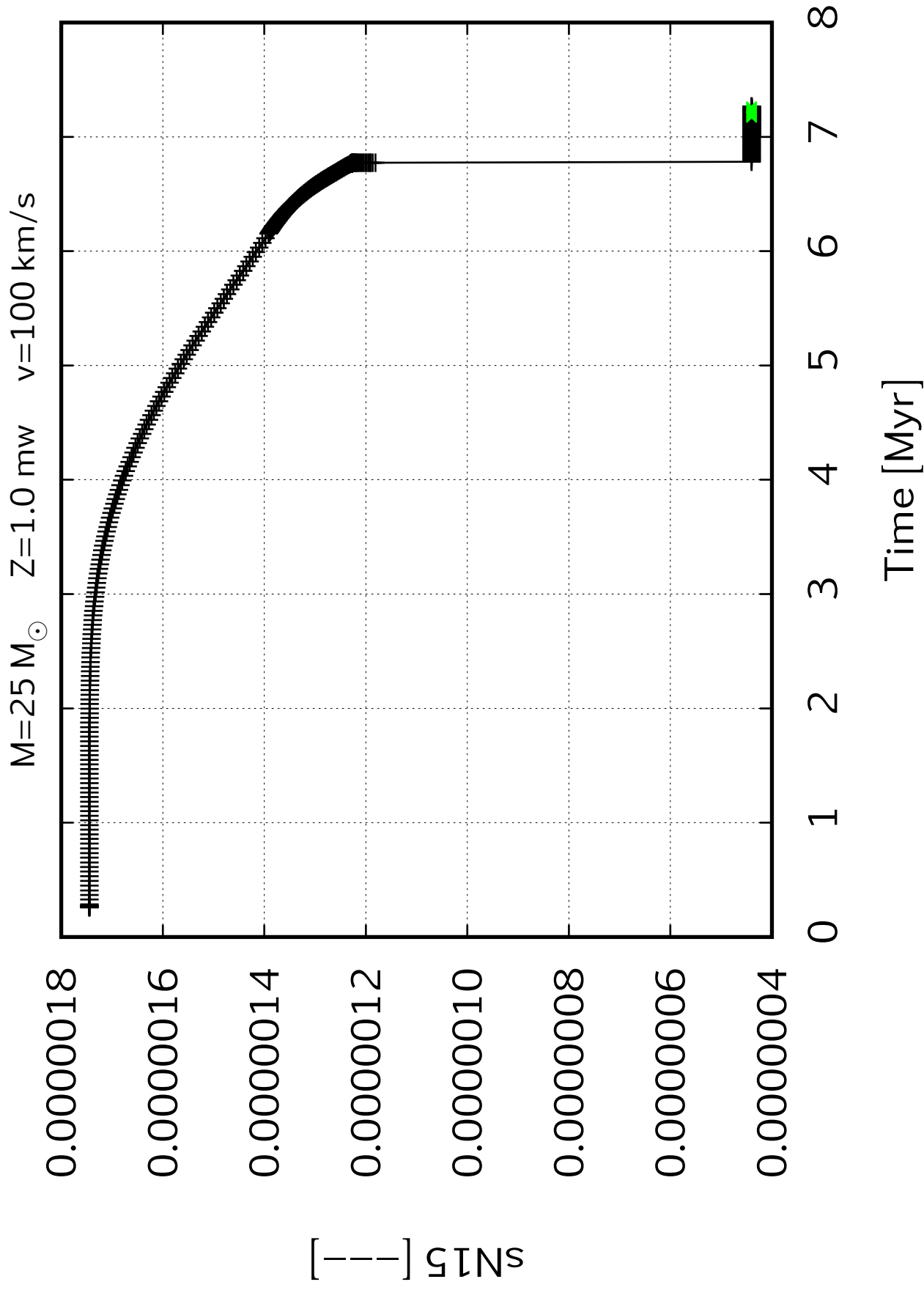
6

7

8

Time [Myr]





$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$

0.0042

0.0041

0.004

0.0039

0.0038

0.0037

0.0036

0.0035

0.0034

0.0033

0.0032

0.0031

$[\text{O}16]$

0

1

2

3

4

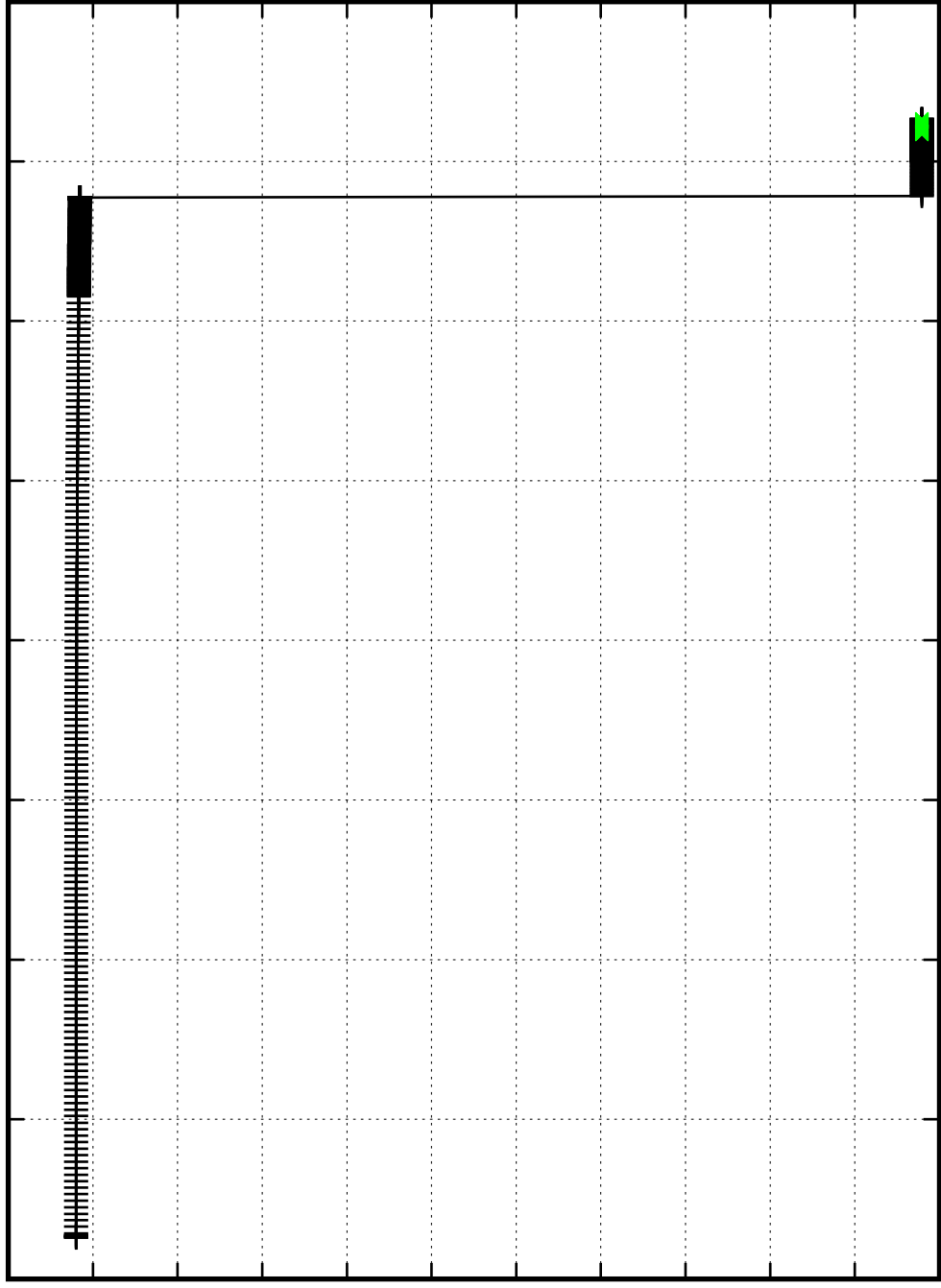
5

6

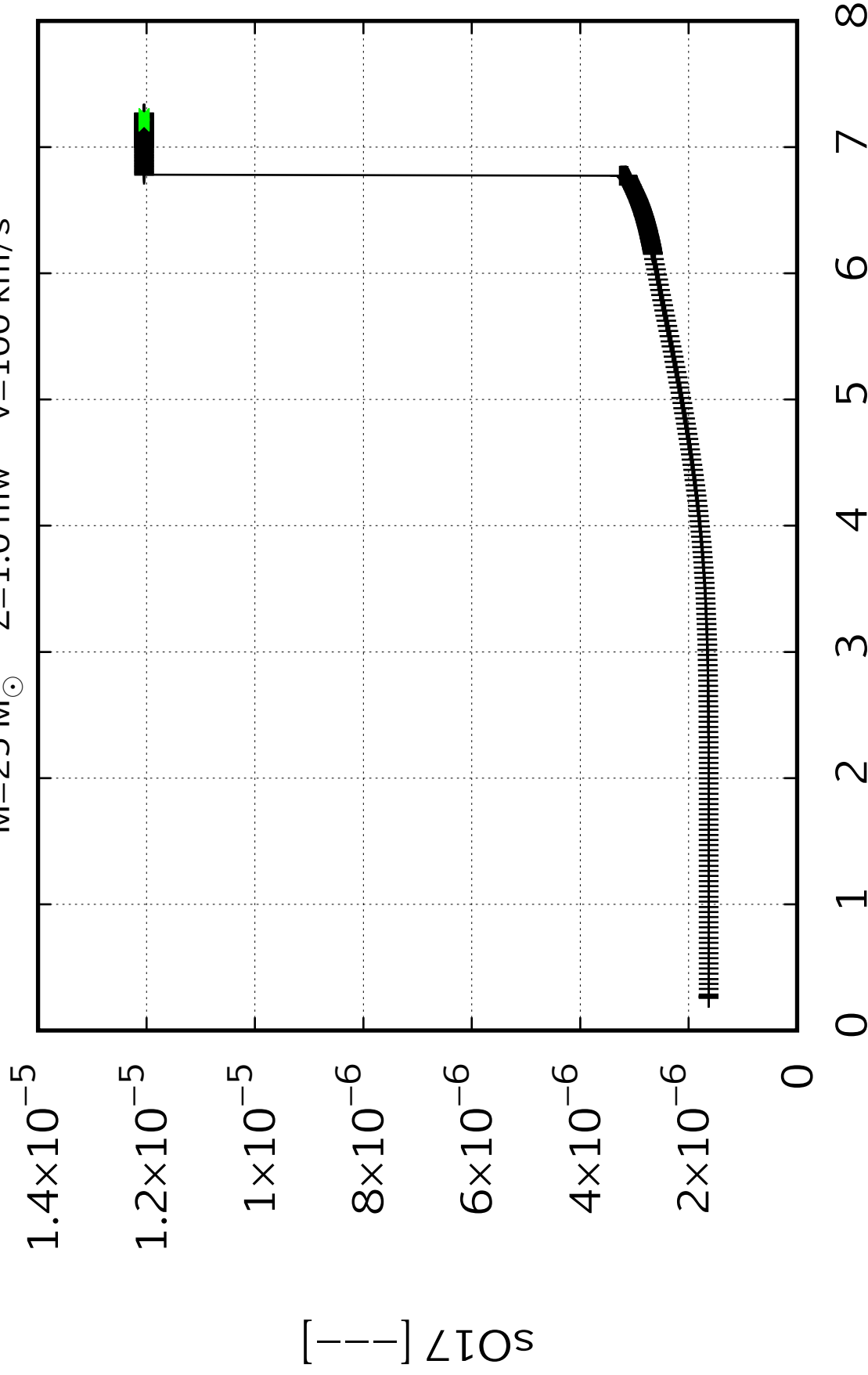
7

8

Time [Myr]



$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s

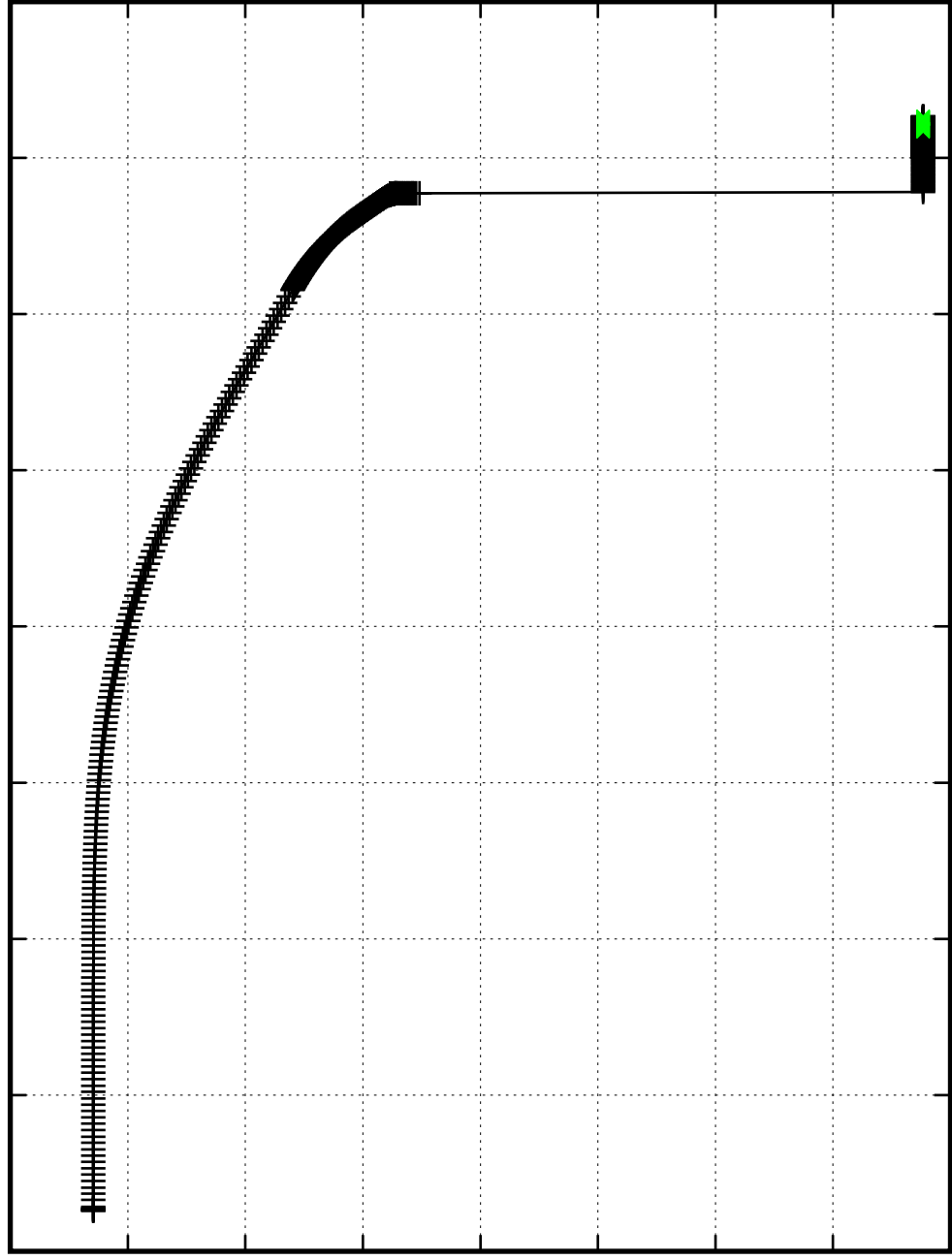


$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s

$^{18}\text{O}$  [—] — [—]

0 1 2 3 4 5 6 7 8

Time [Myr]



$M=25\ M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s

0.0000005  
0.0000005  
0.0000005  
0.0000005  
0.0000004  
0.0000004  
0.0000004  
0.0000004  
0.0000004

$s_{F19}$  [—]

0

1

2

3

4

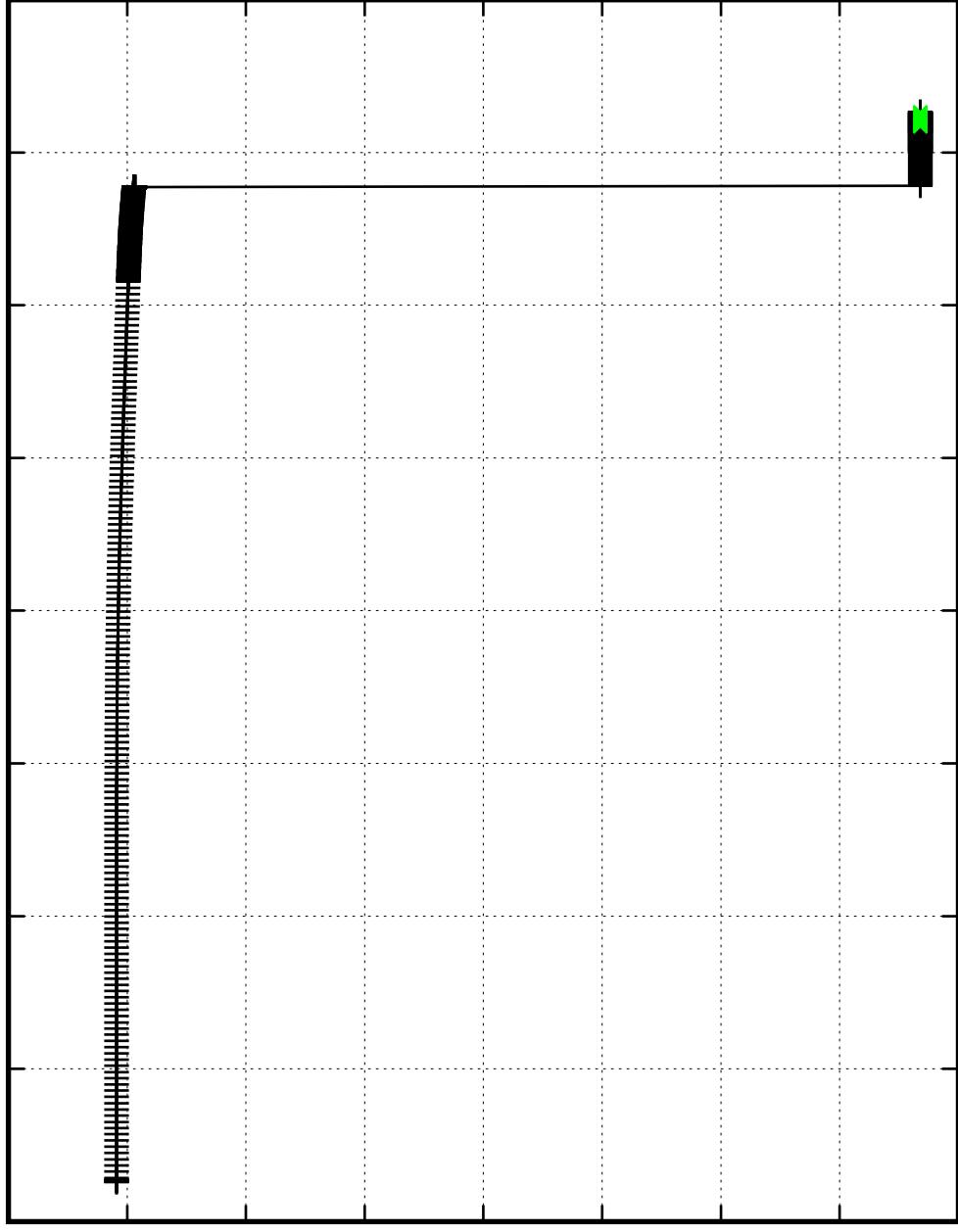
5

6

7

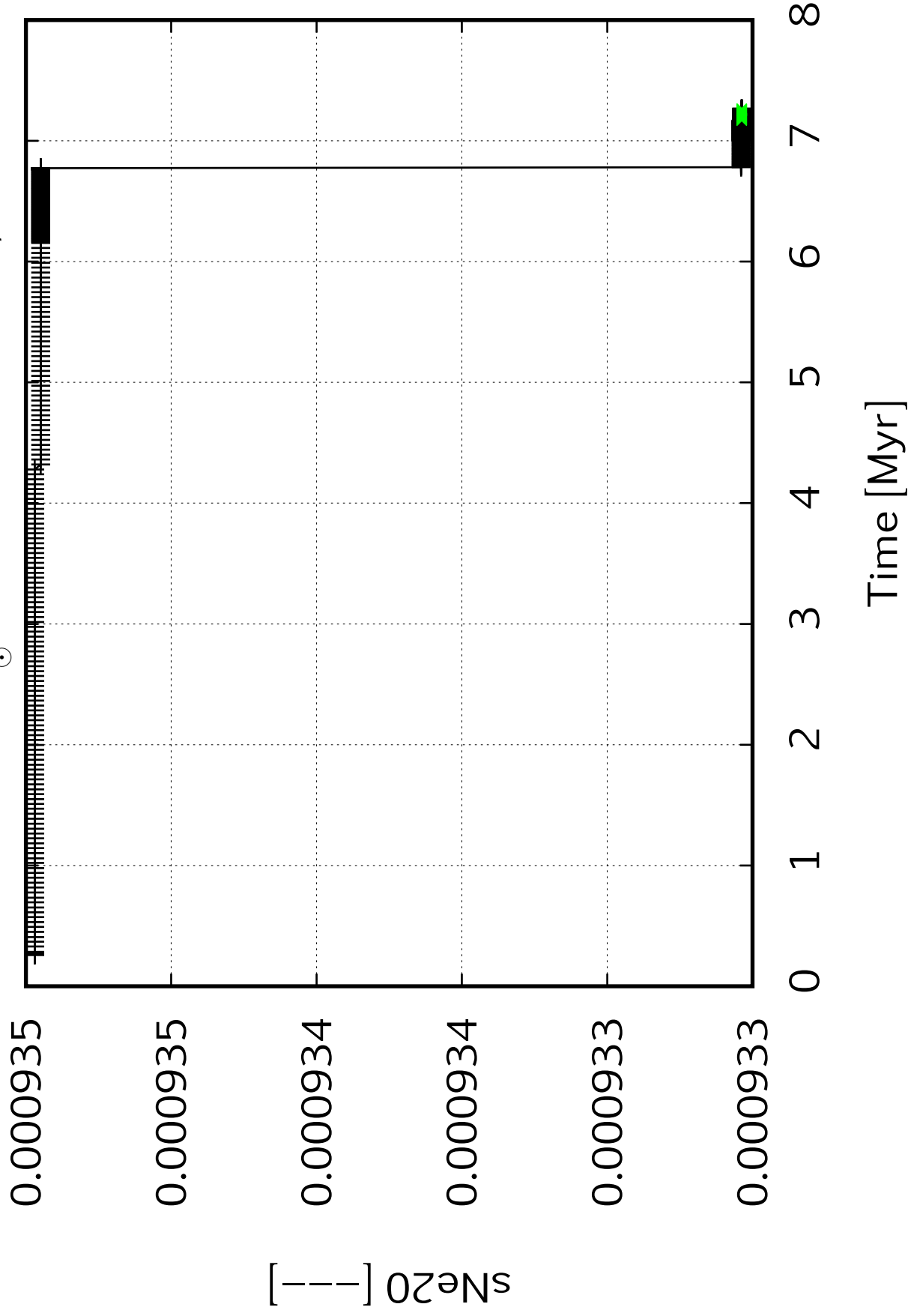
8

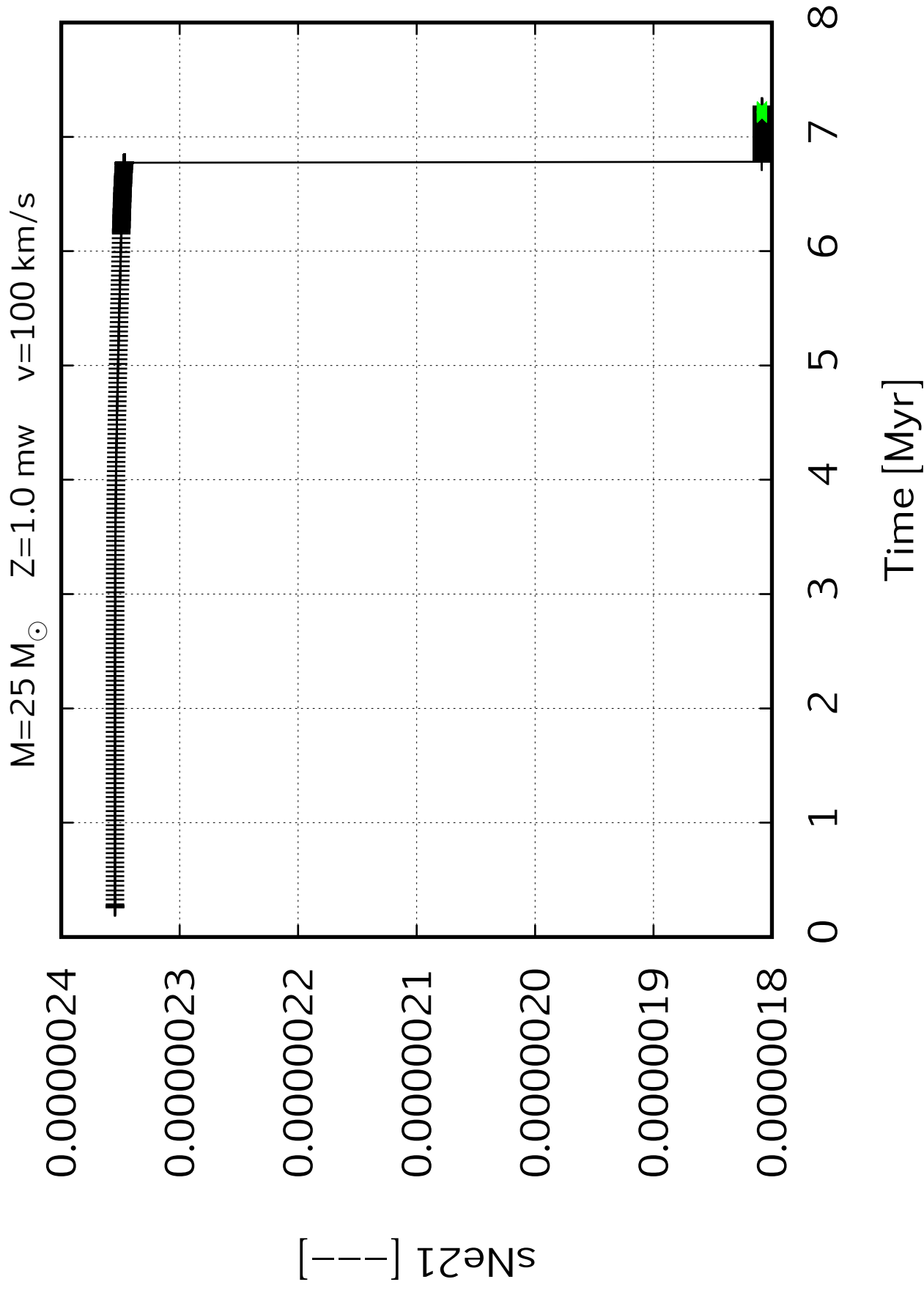
Time [Myr]



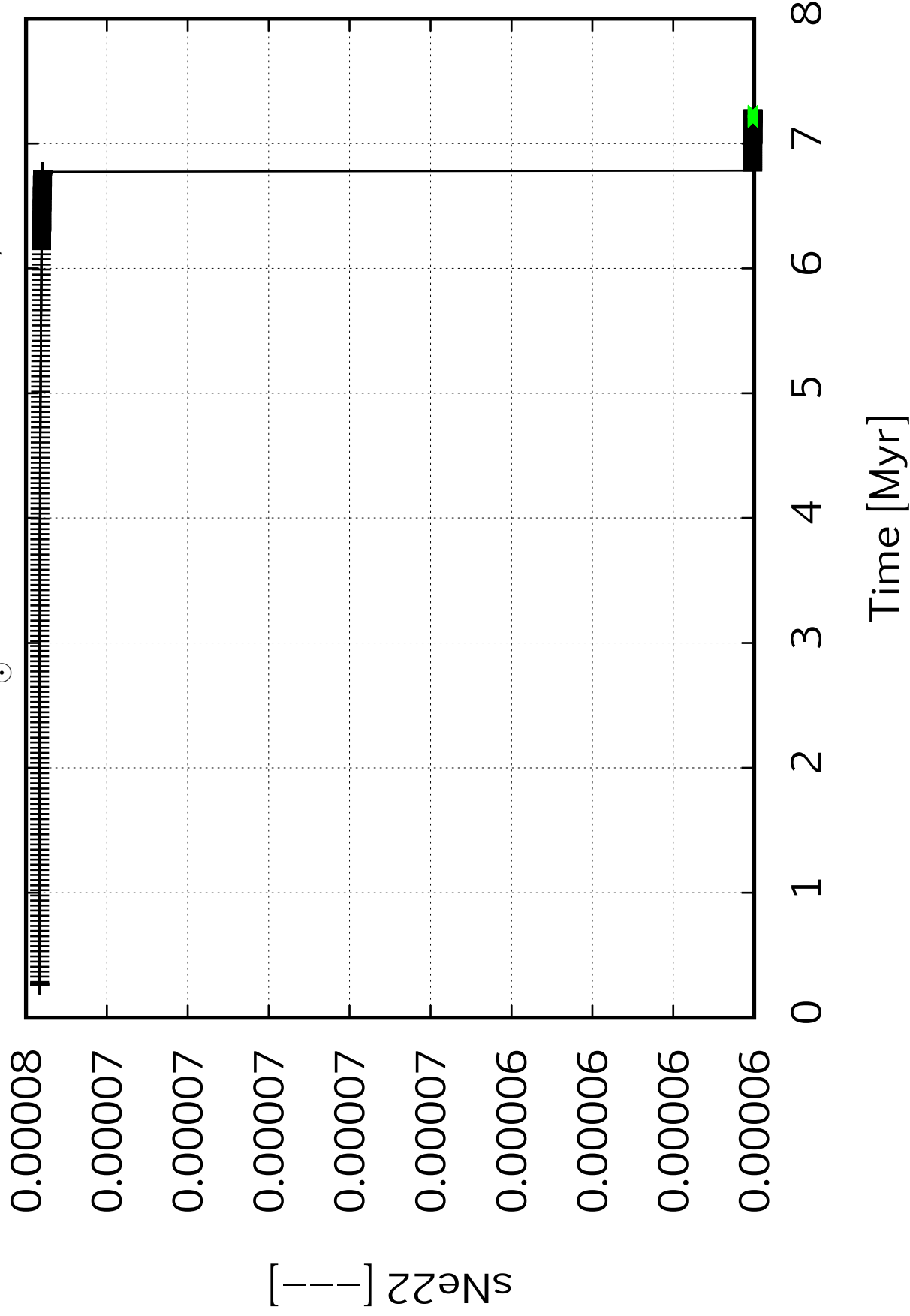


$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s

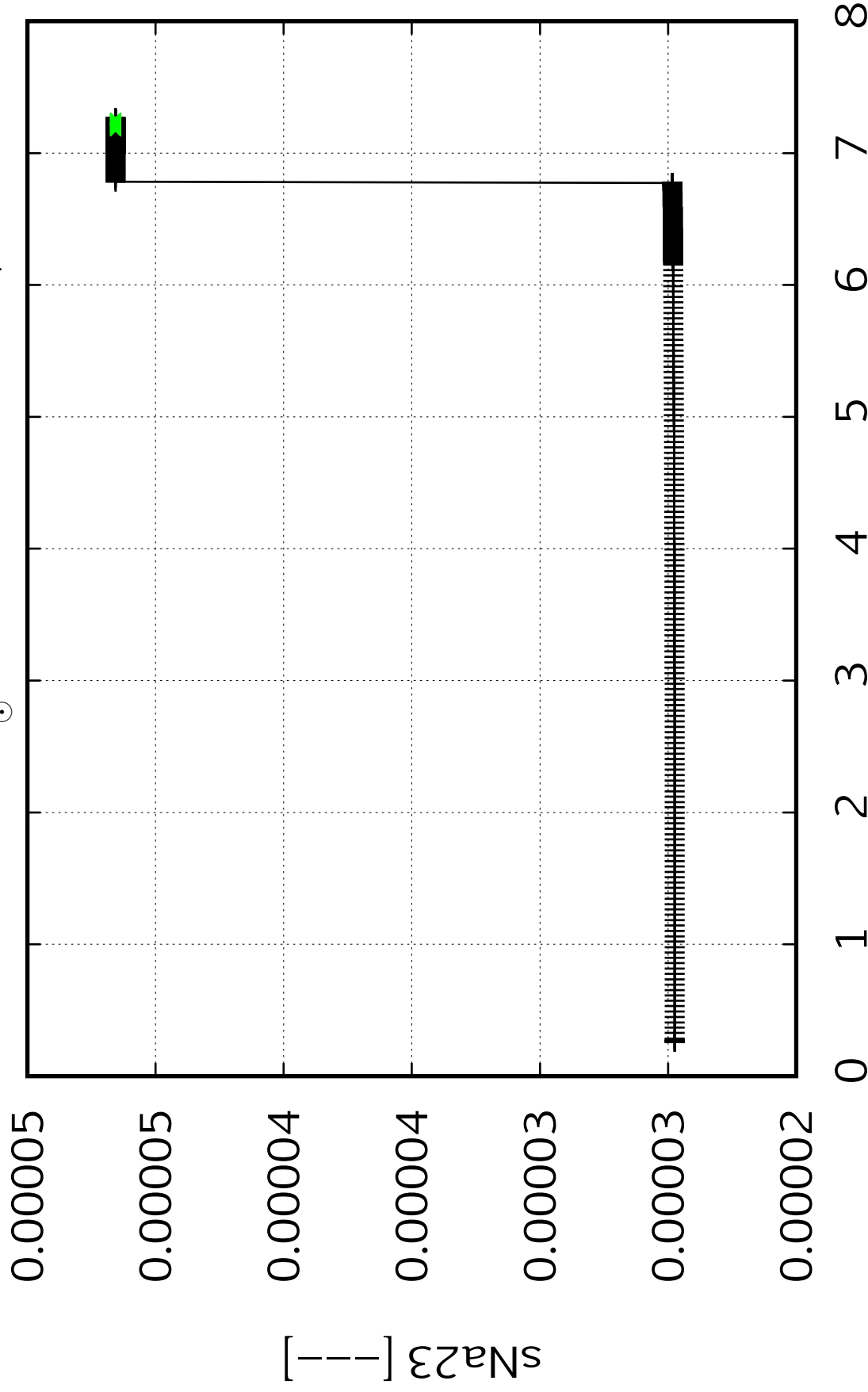


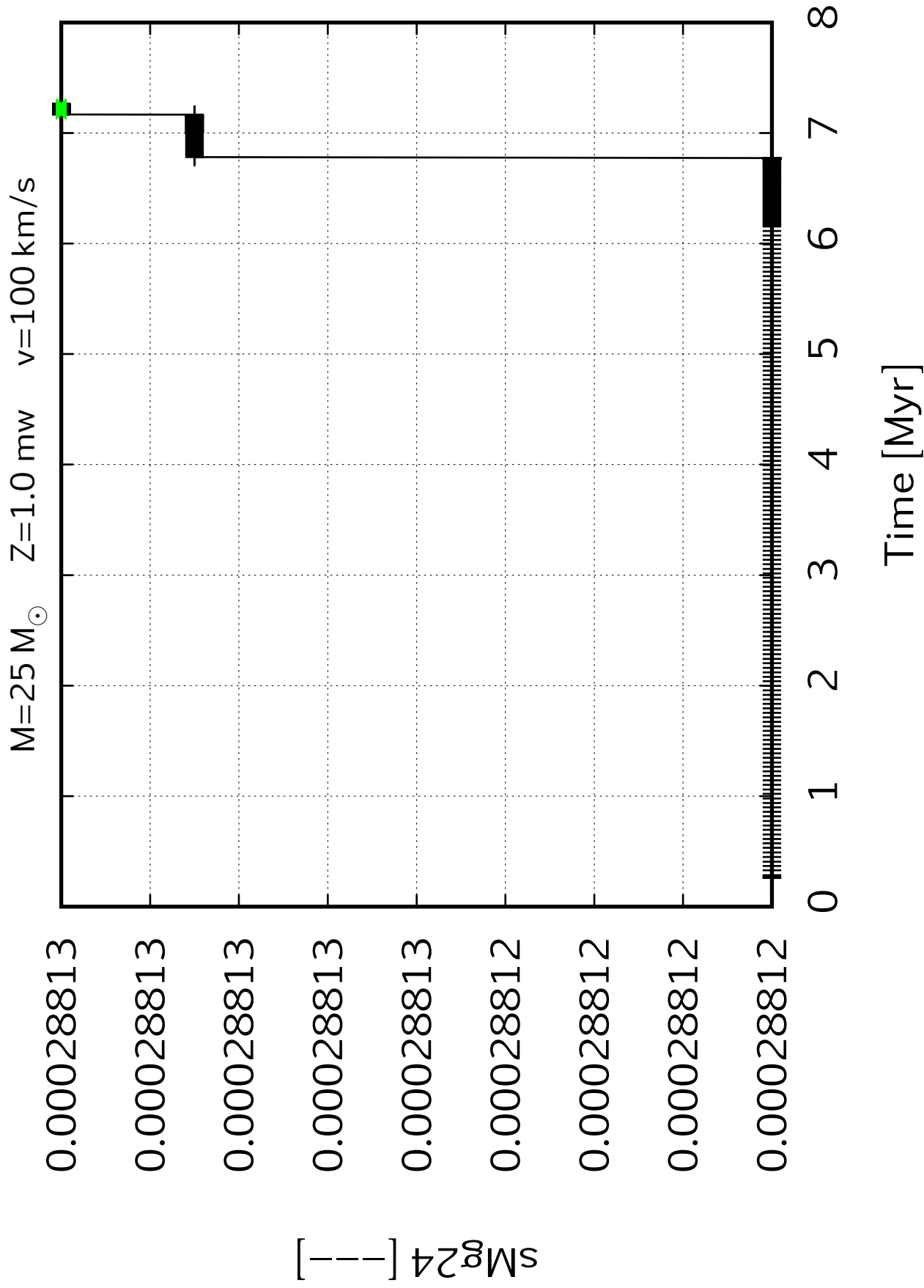


$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$



$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$

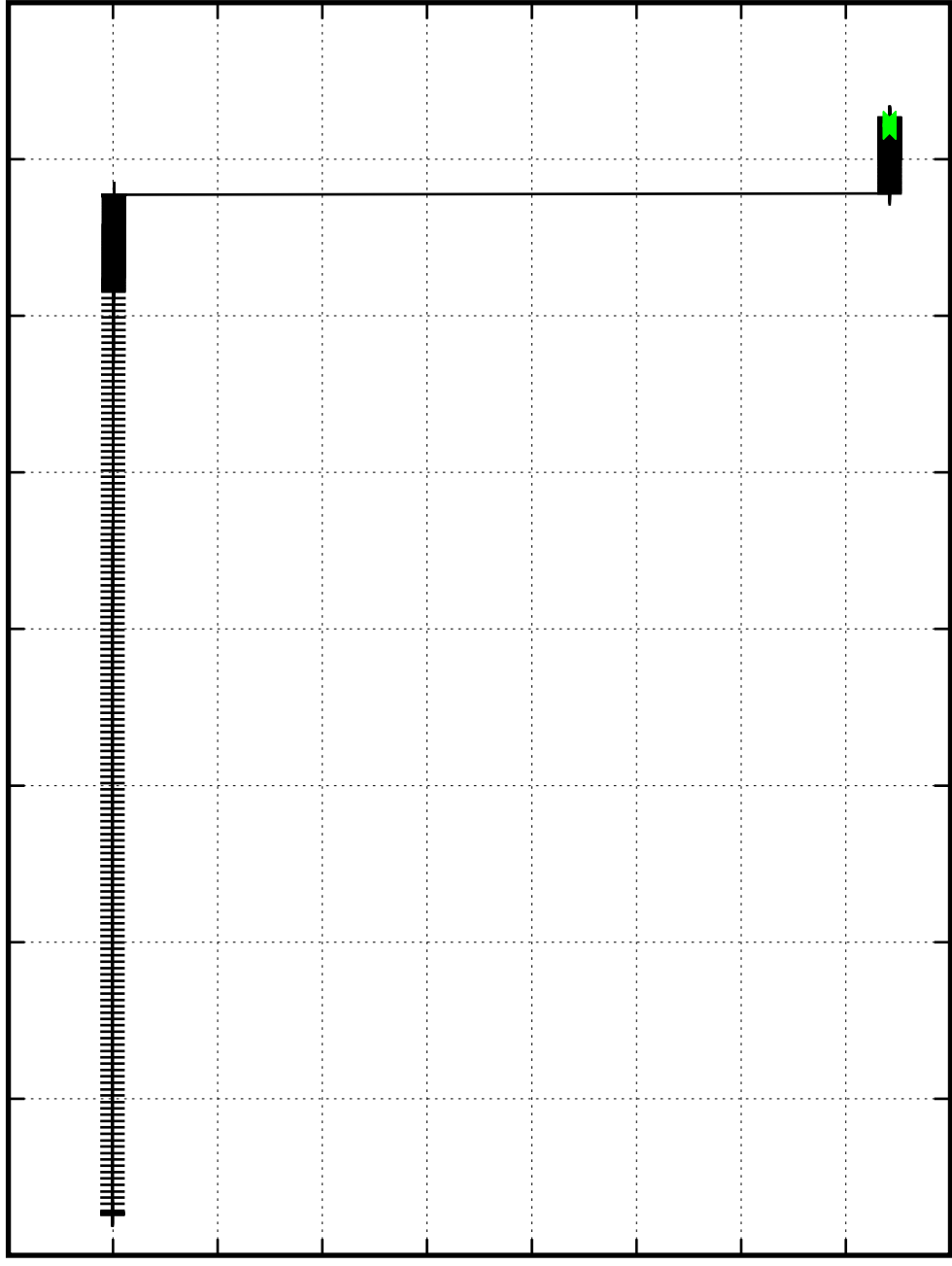




$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100\text{ km/s}$

0.000039  
0.000038  
0.000037  
0.000036  
0.000035  
0.000034  
0.000033  
0.000032  
0.000031  
0.000030

$[\text{--}]$   $M_{25}^{\text{sg}}$



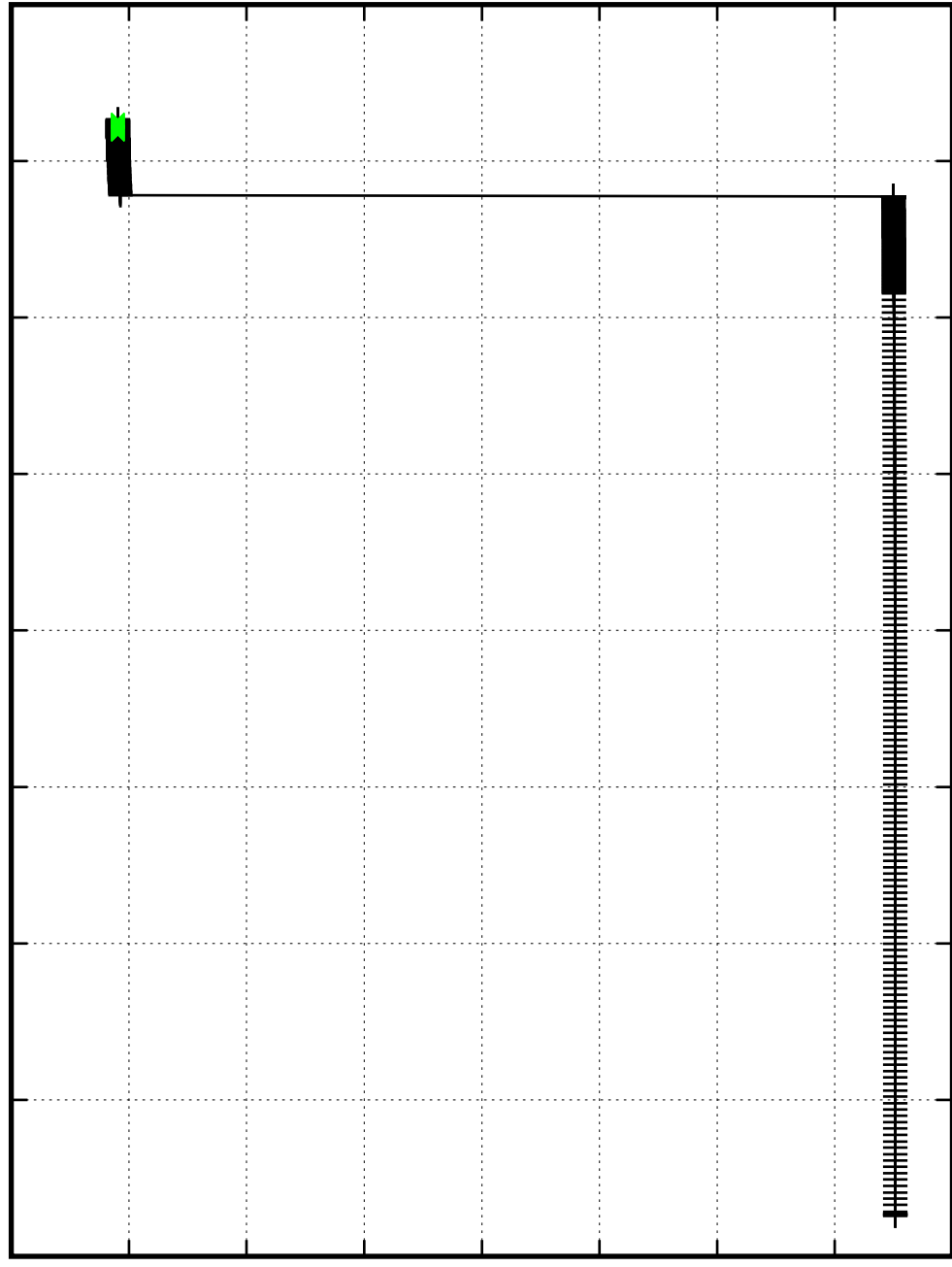
0 1 2 3 4 5 6 7 8

Time [Myr]

$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100\text{ km/s}$

0.000051  
0.000050  
0.000049  
0.000048  
0.000047  
0.000046  
0.000045  
0.000044  
0.000043

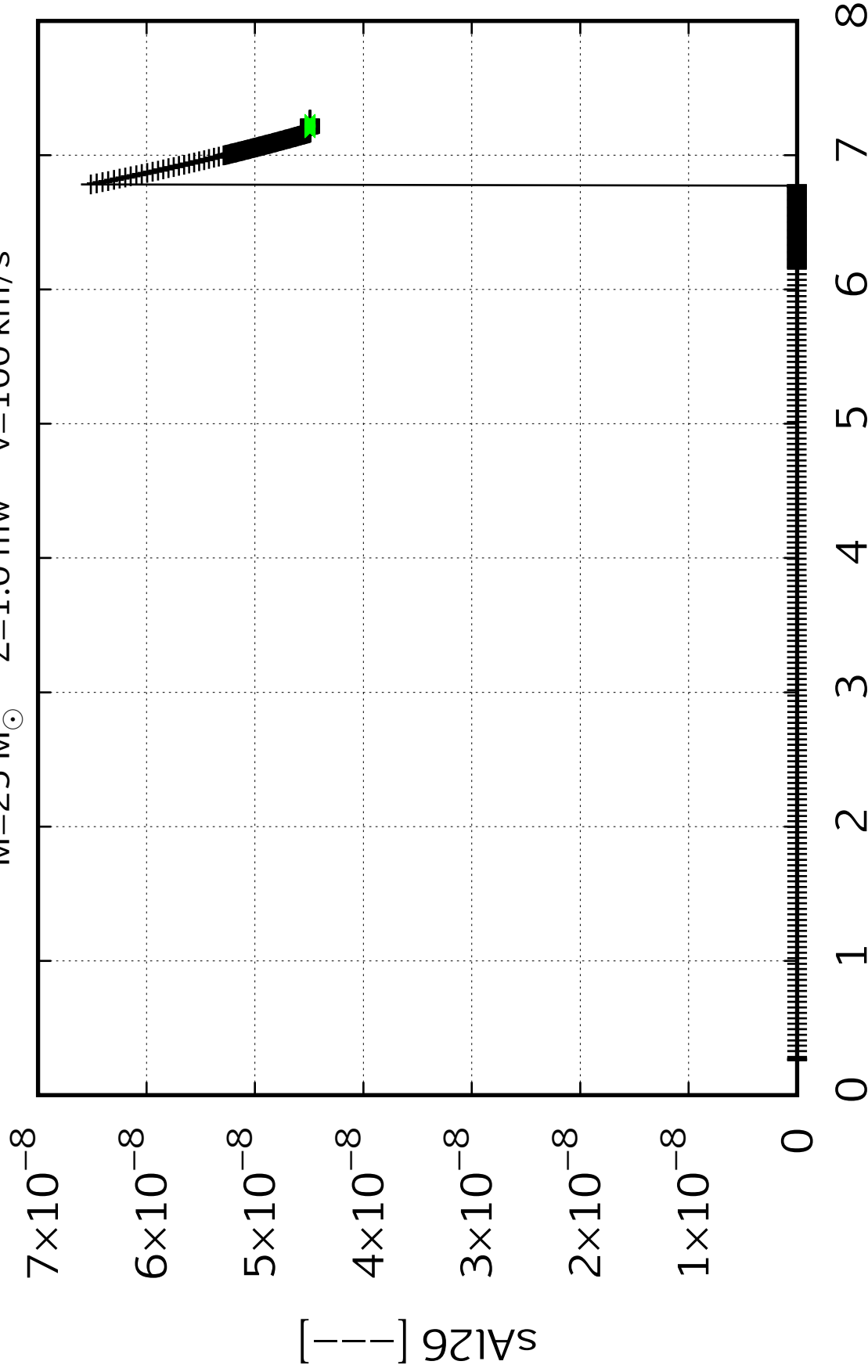
$[\text{--}] \text{M}_{\text{g}26}^{\text{s}}$



0 1 2 3 4 5 6 7 8

Time [Myr]

$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$





$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s

0.000047

0.000047

0.000047

0.000047

0.000046

0.000046

0.000046

$s_{\text{Al27}} [---]$

0

1

2

3

4

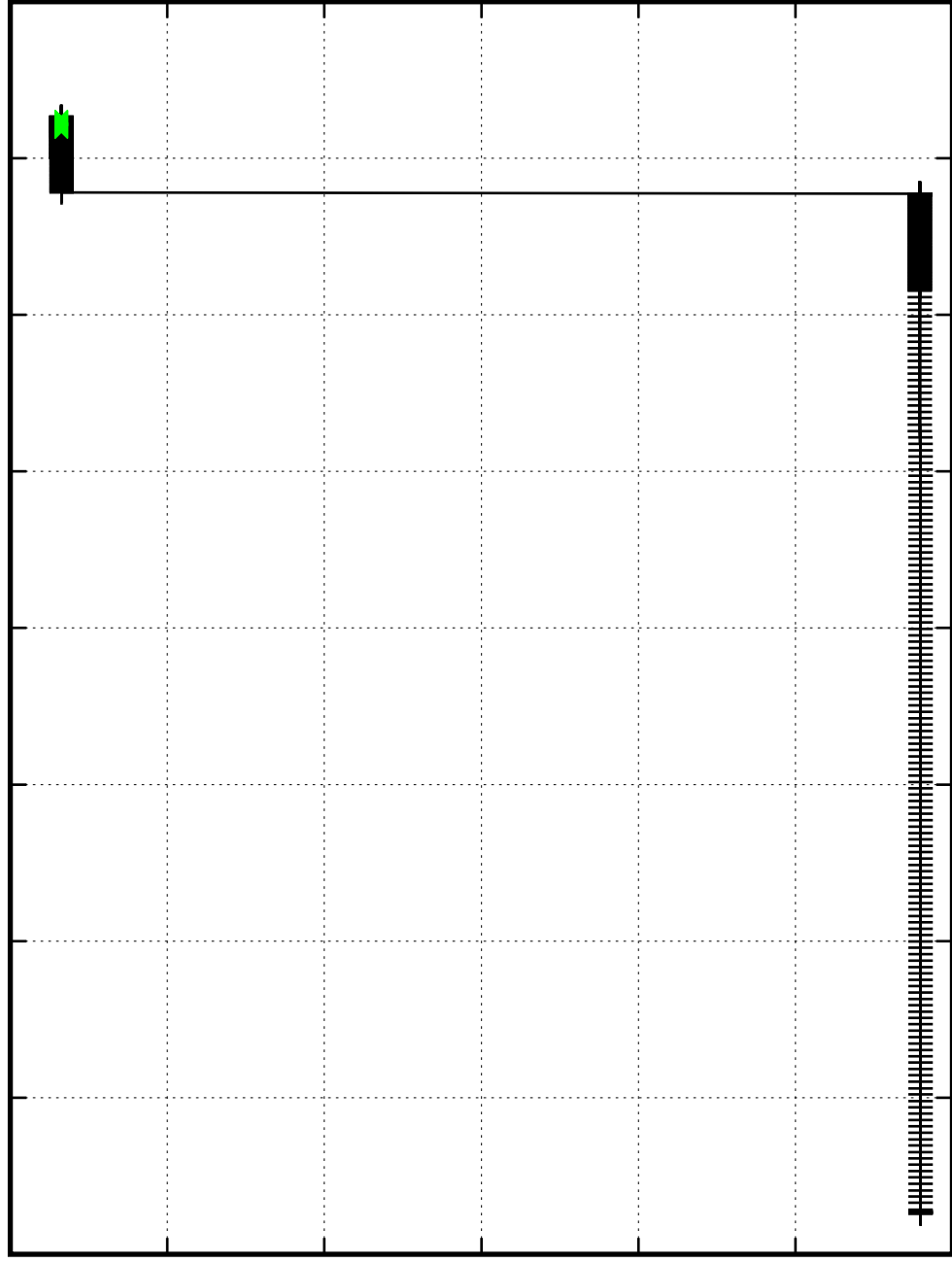
5

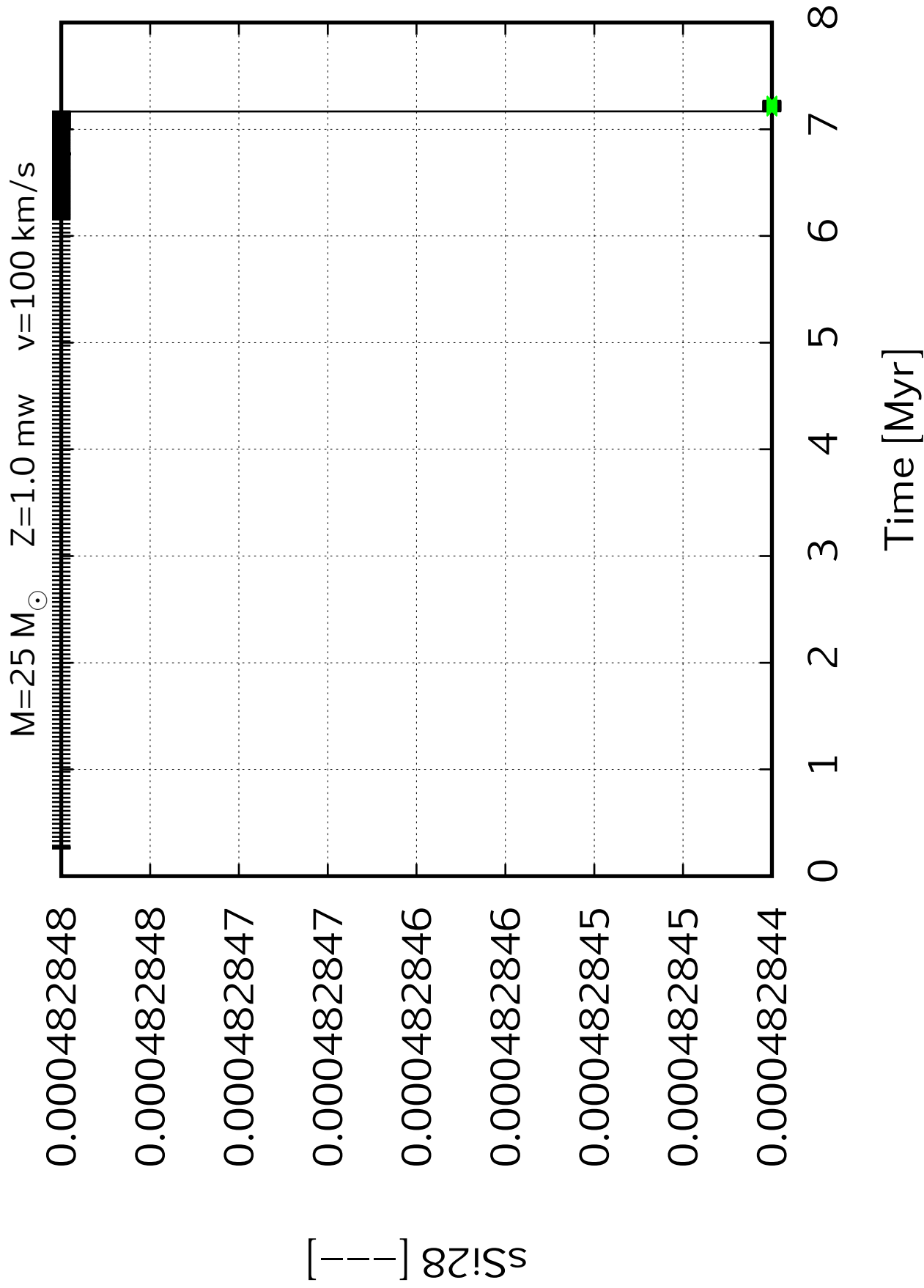
6

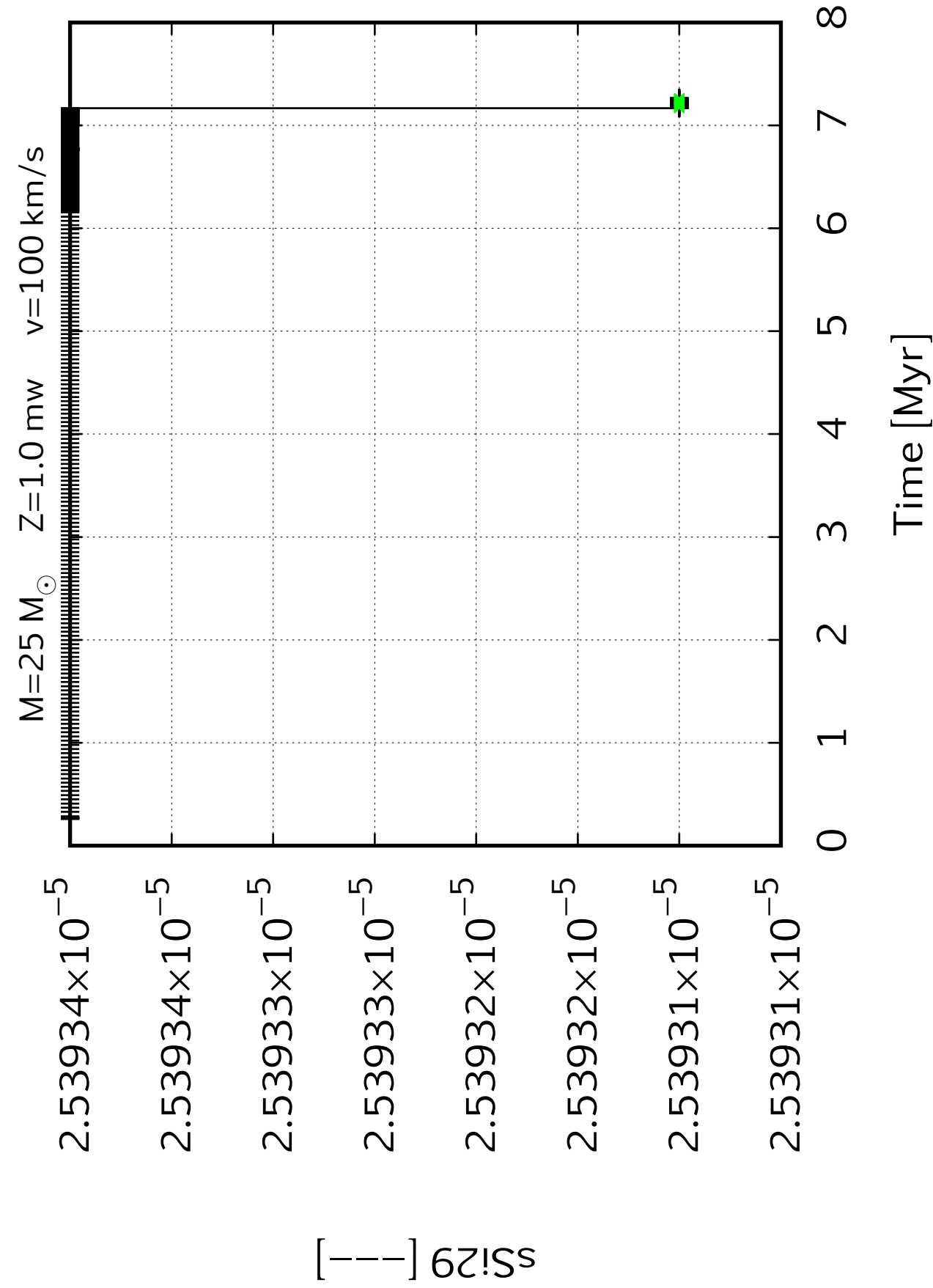
7

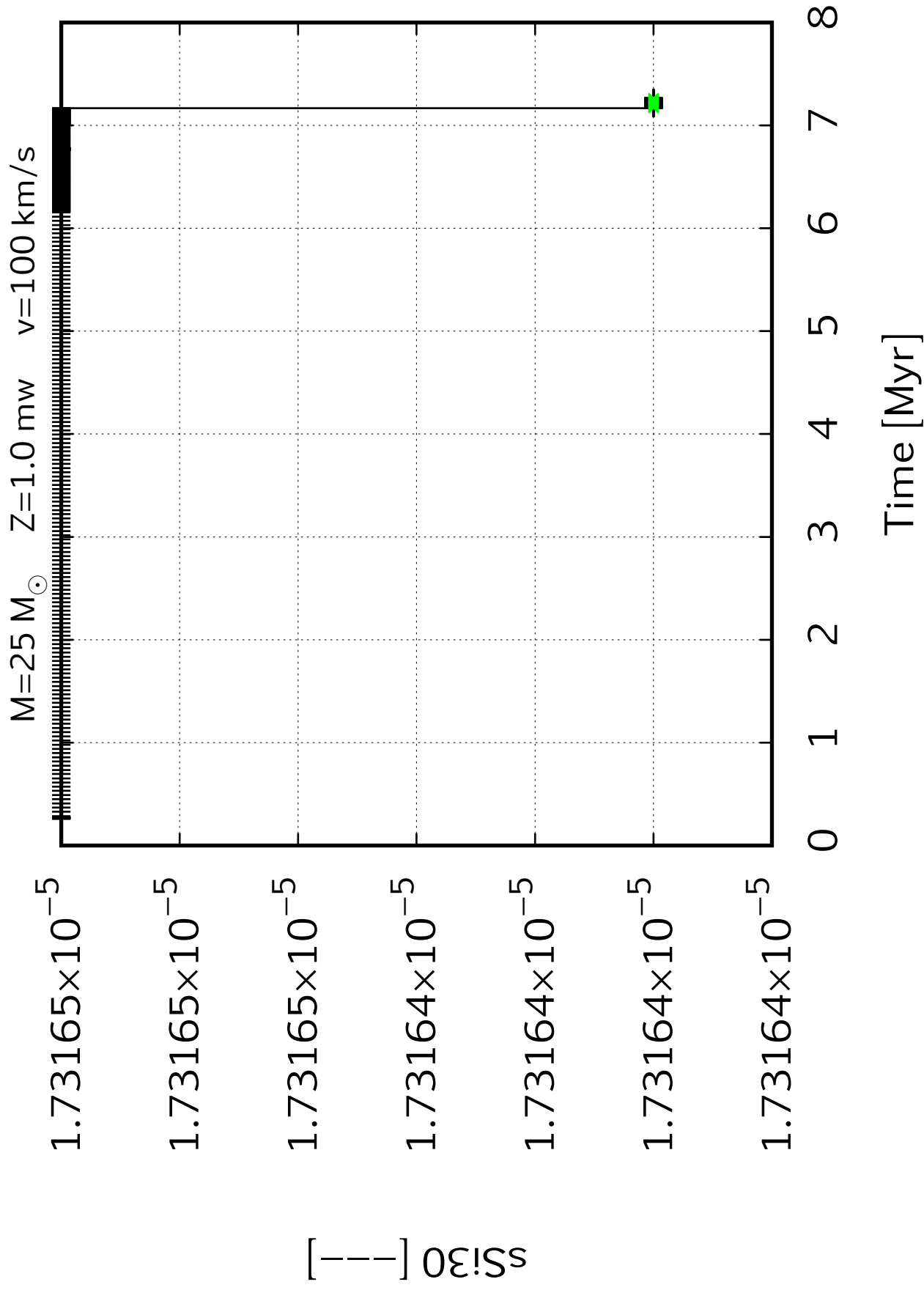
8

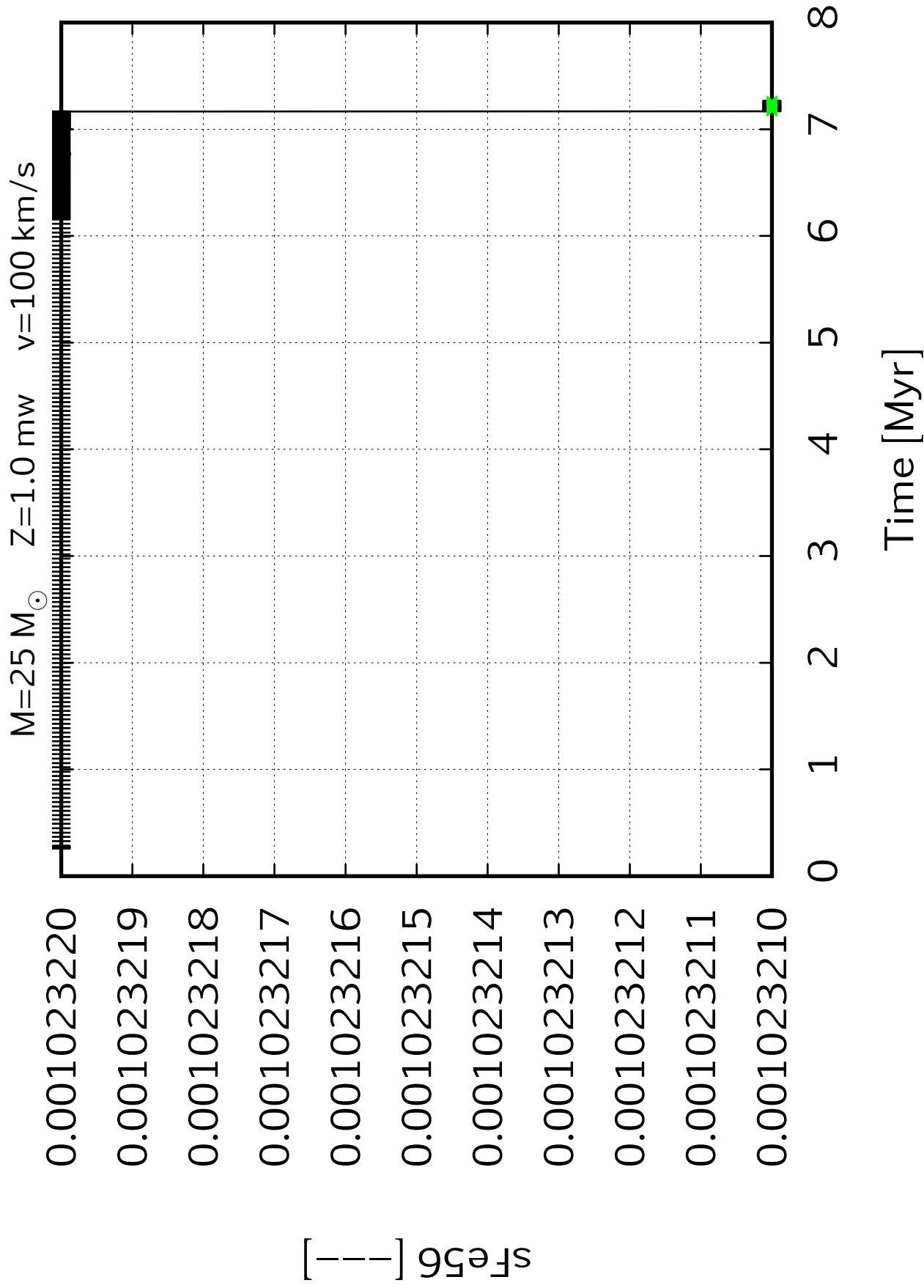
Time [Myr]



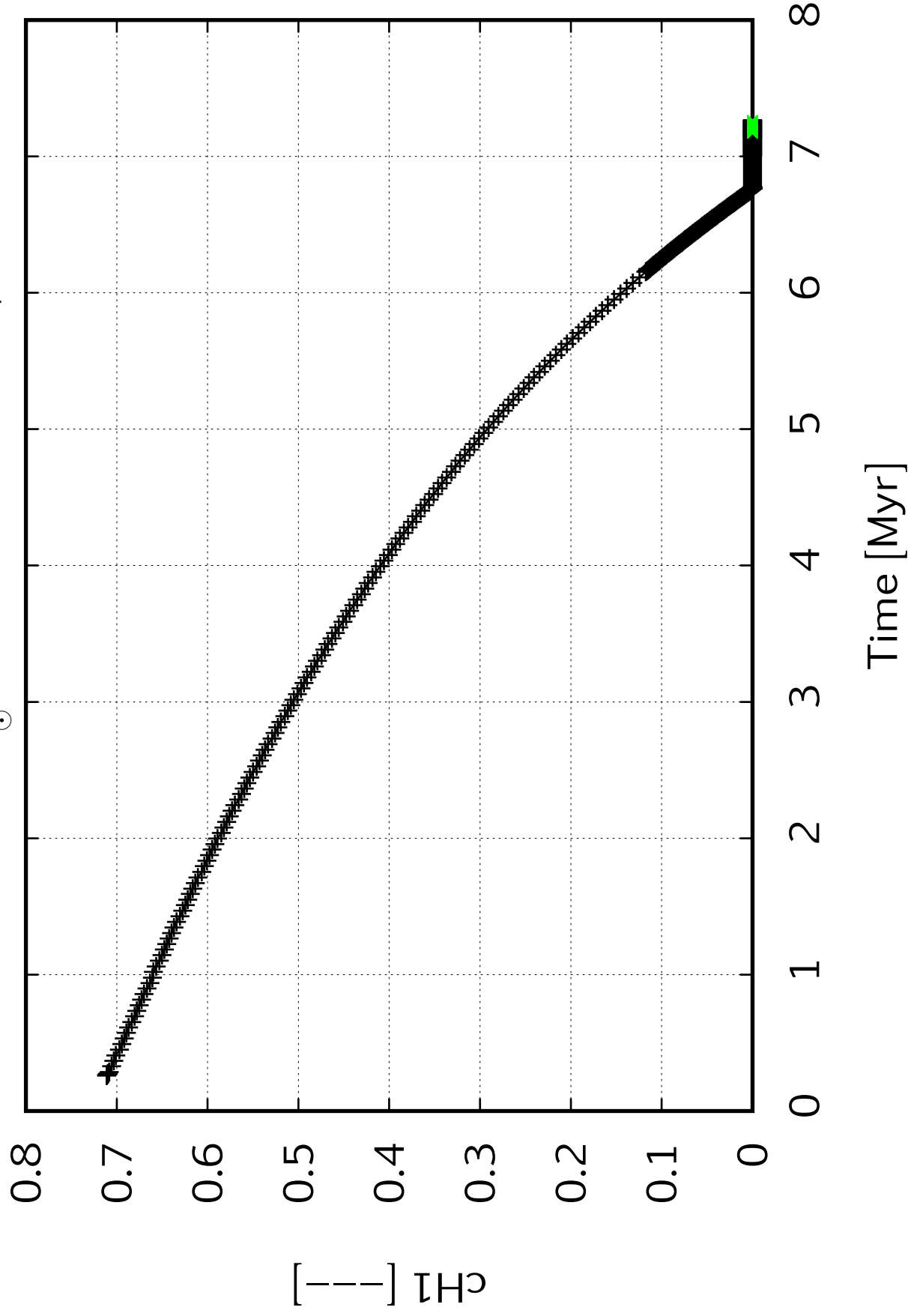


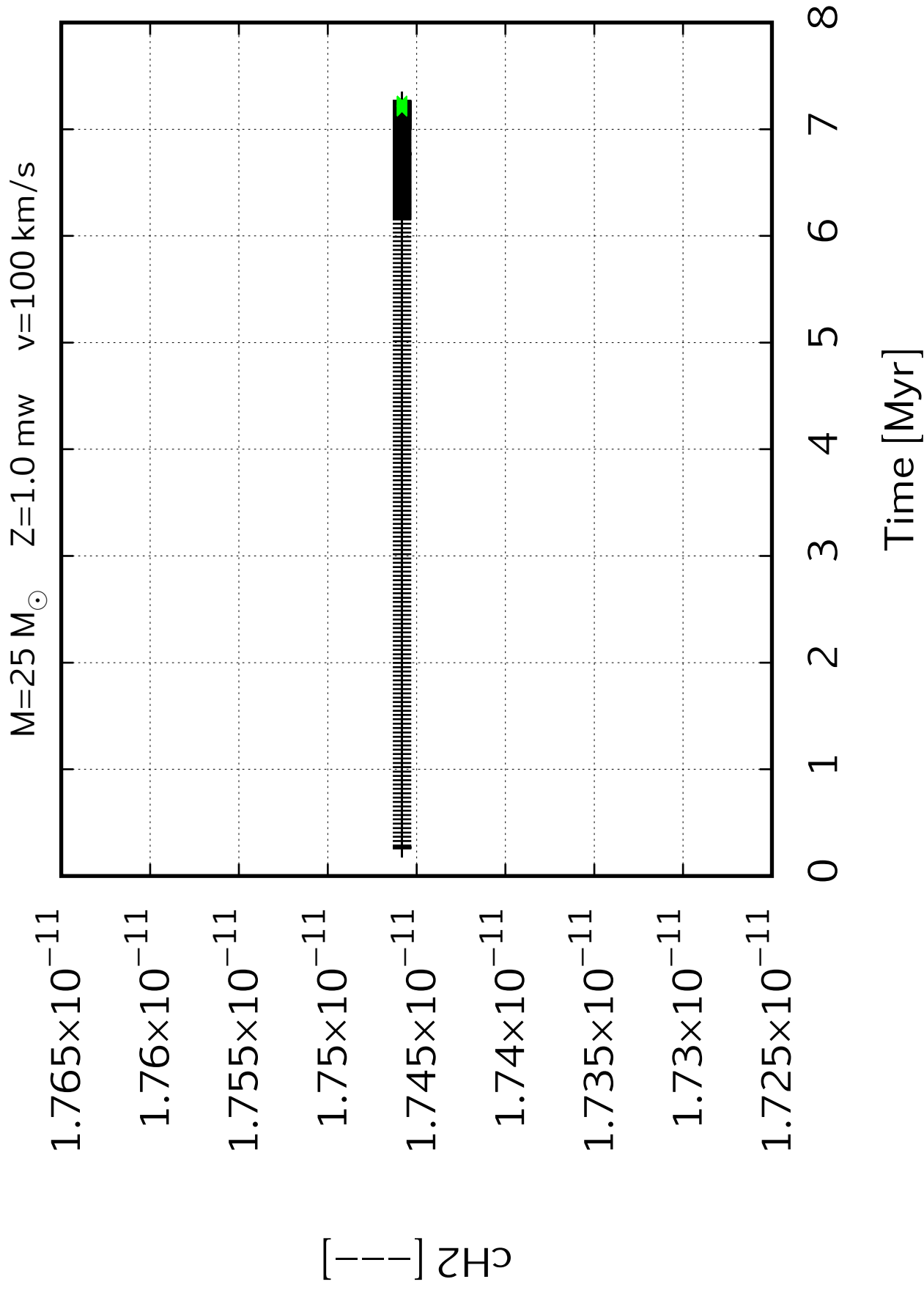




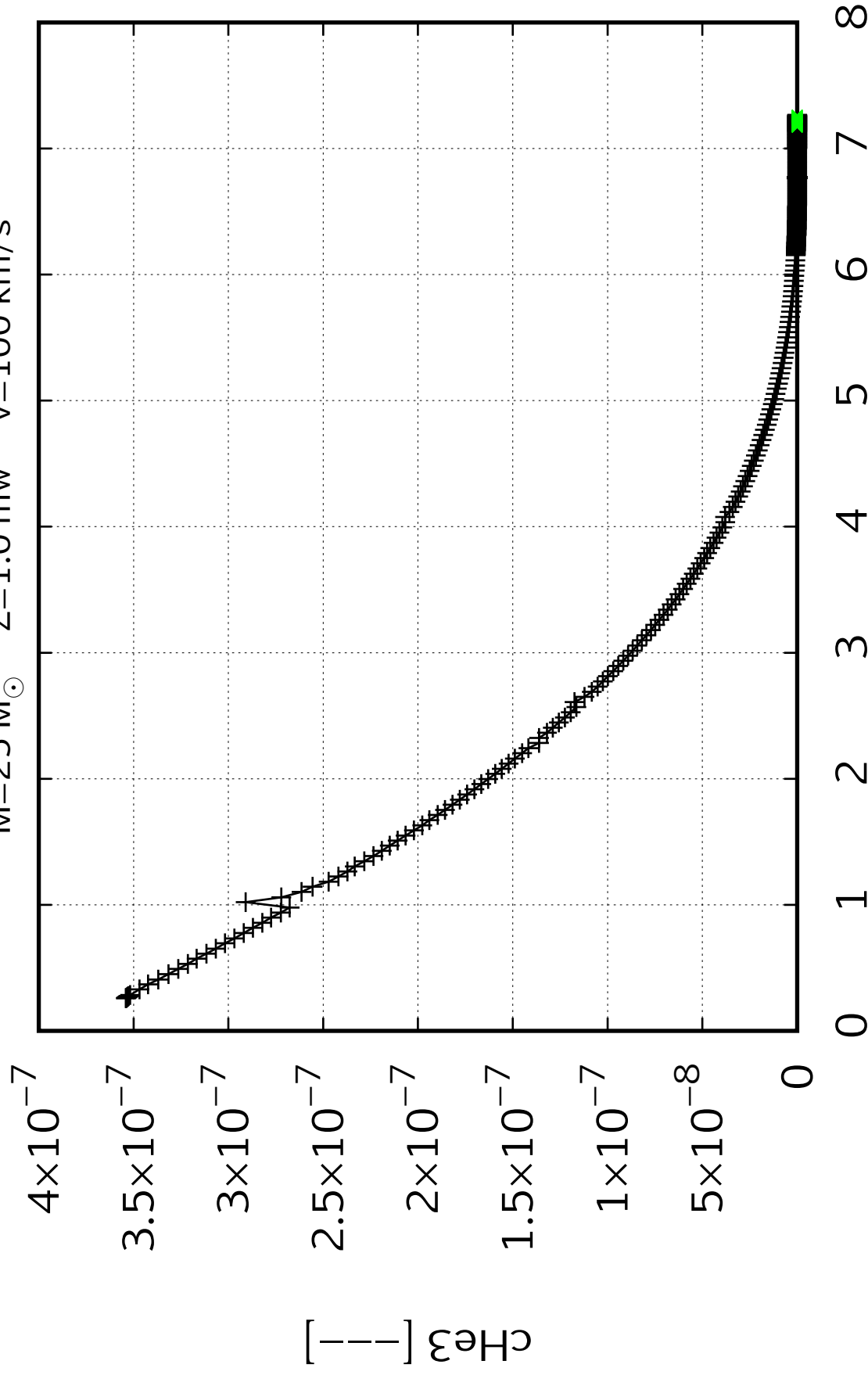


$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100\text{ km/s}$



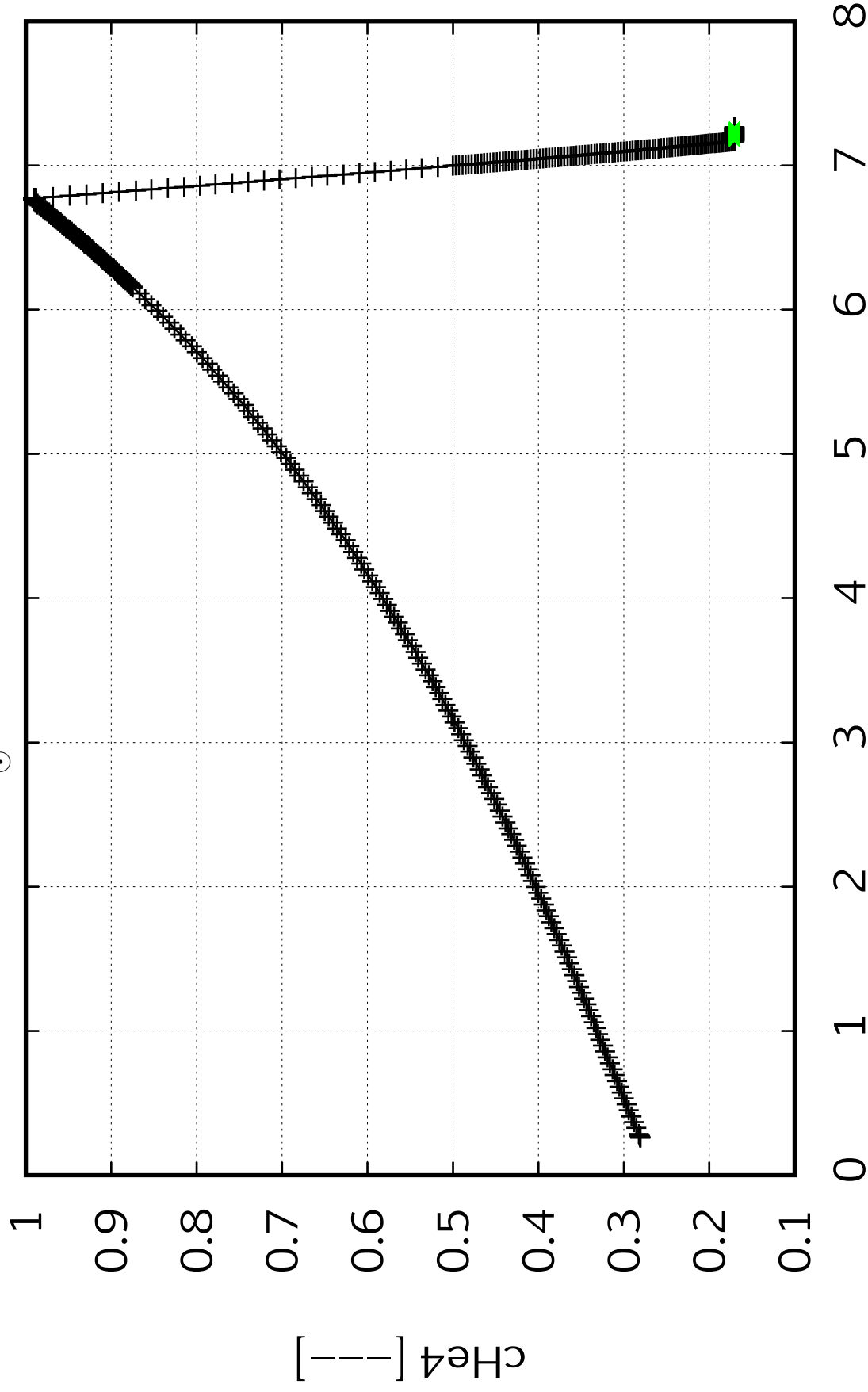


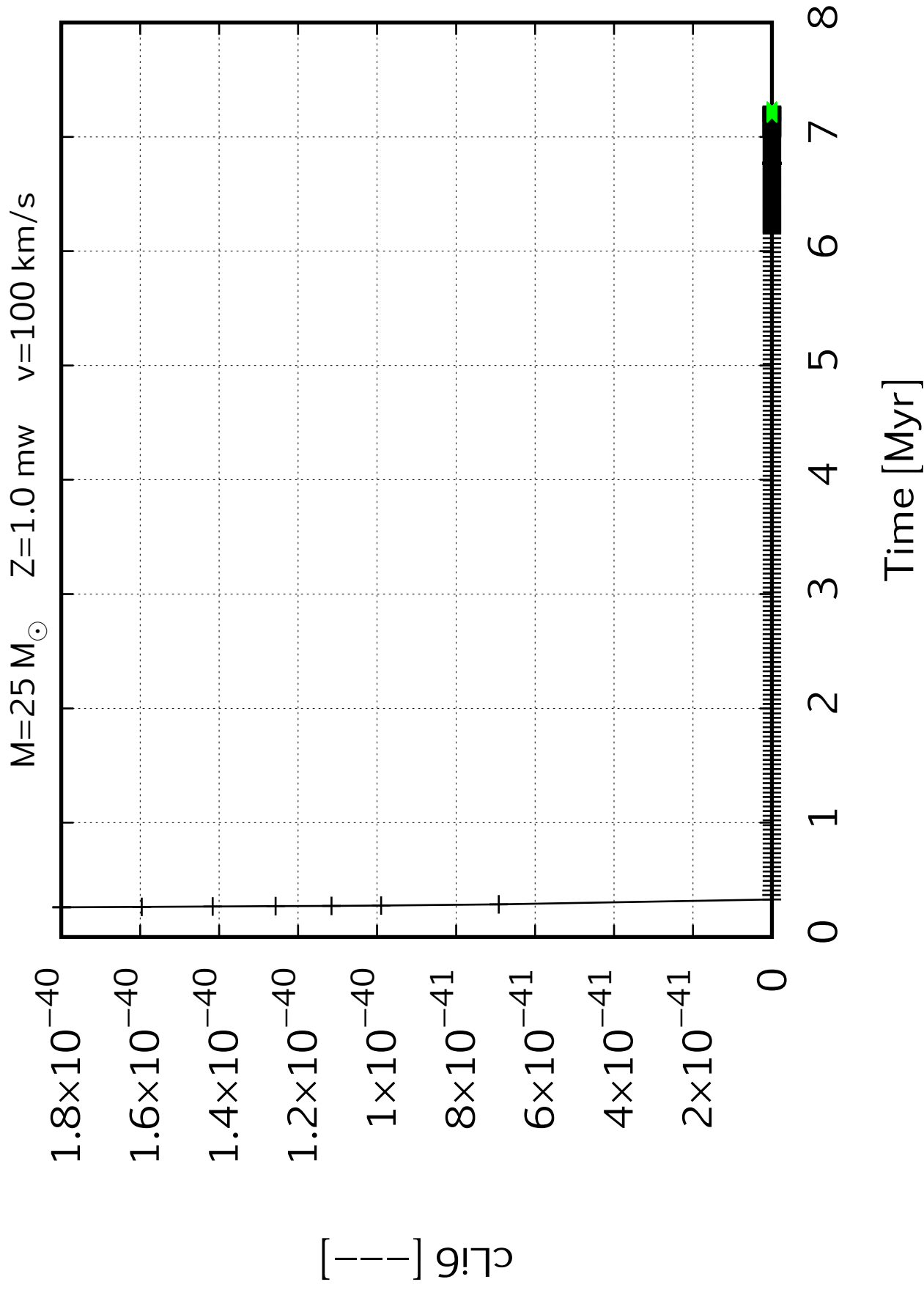
$M=25\,M_{\odot}$     $Z=1.0\,\text{mw}$     $v=100\,\text{km/s}$



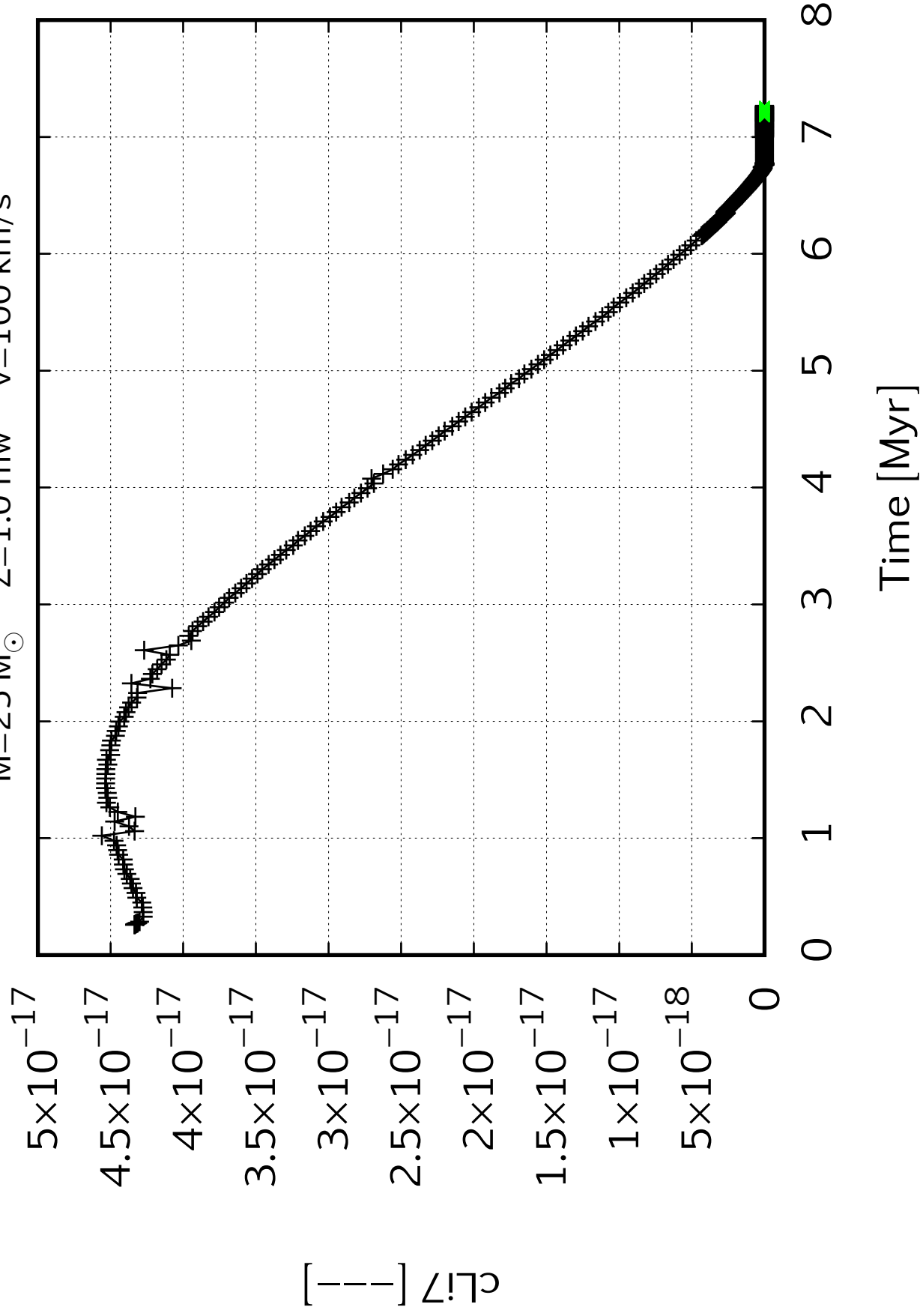


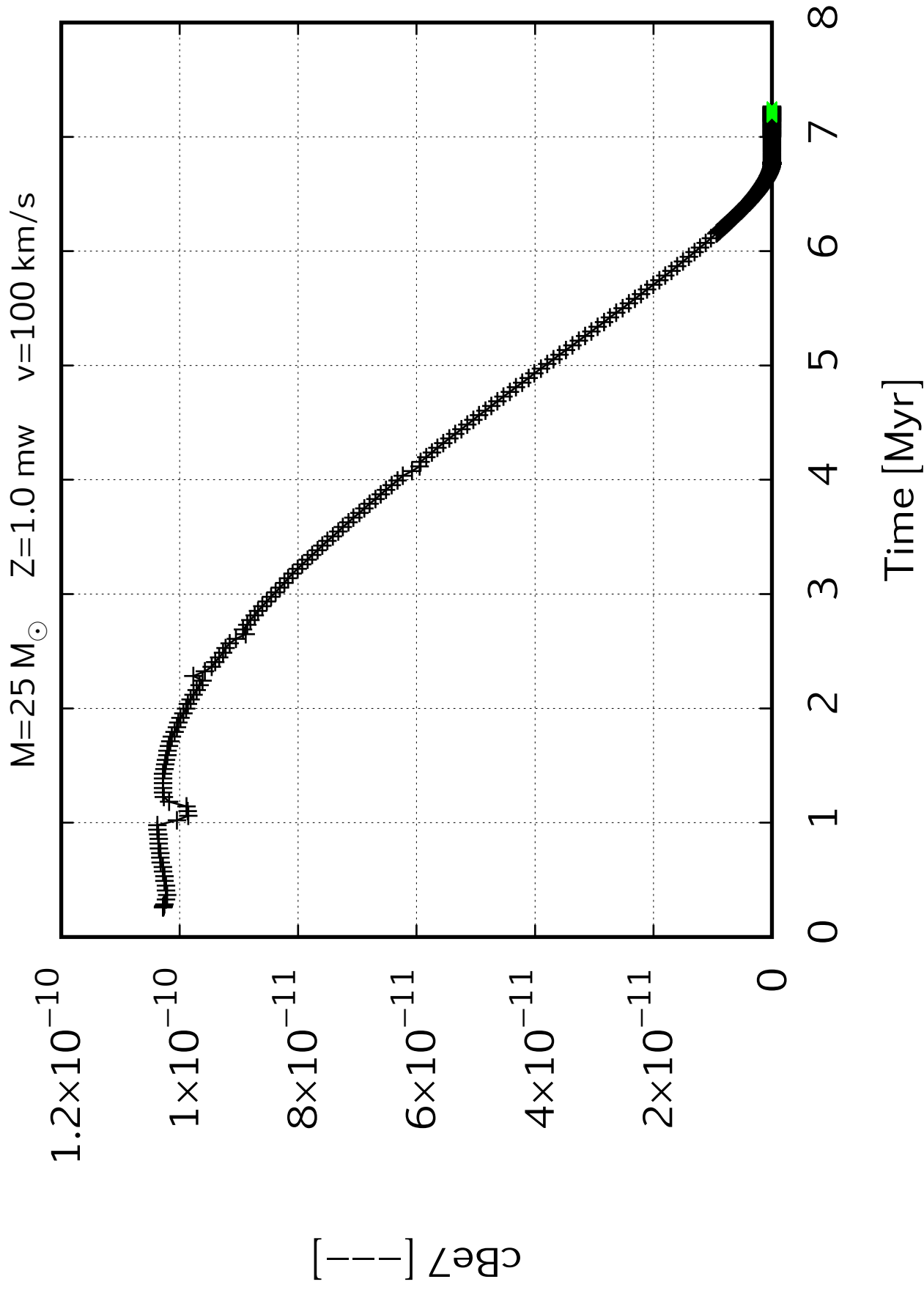
$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s



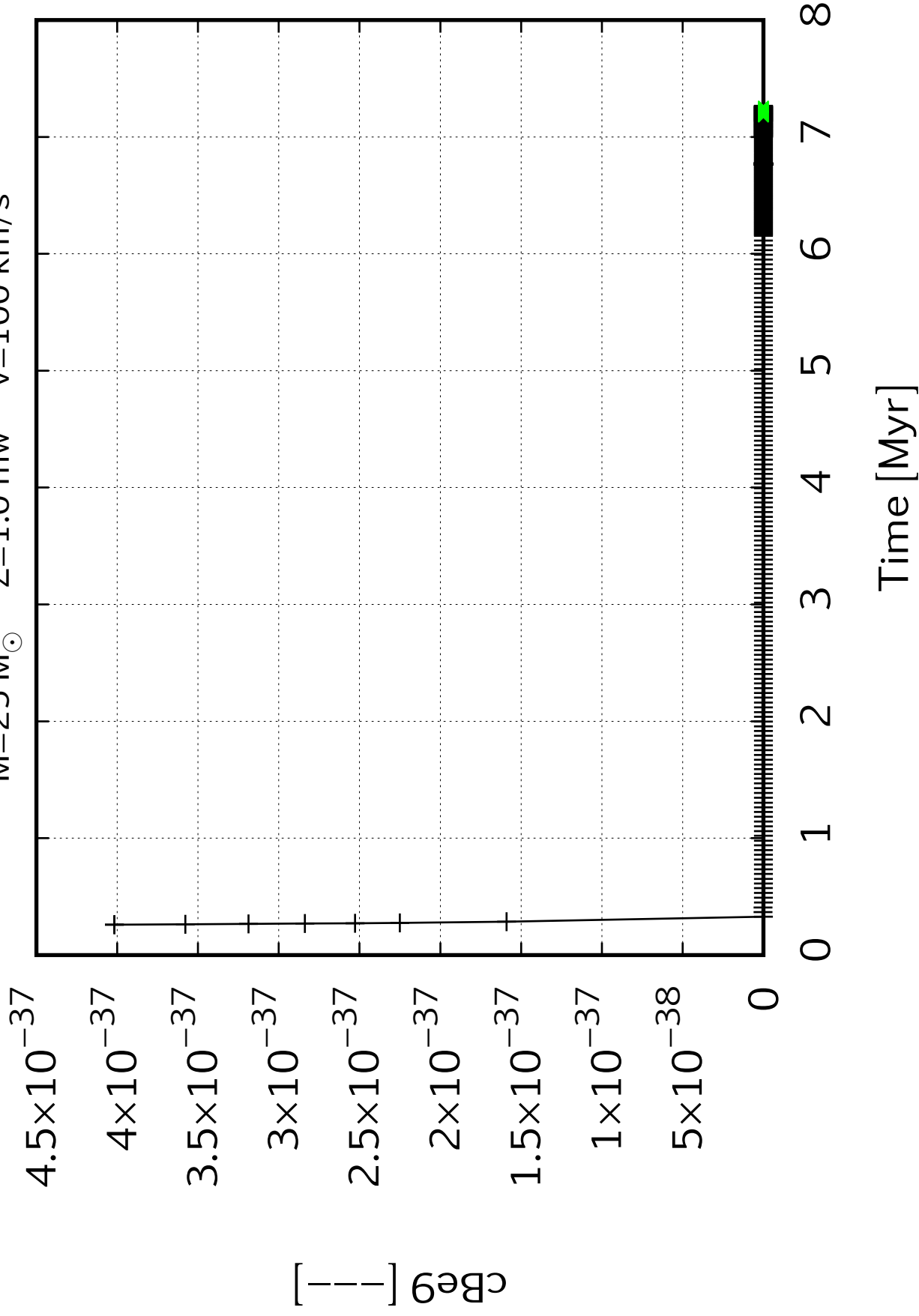


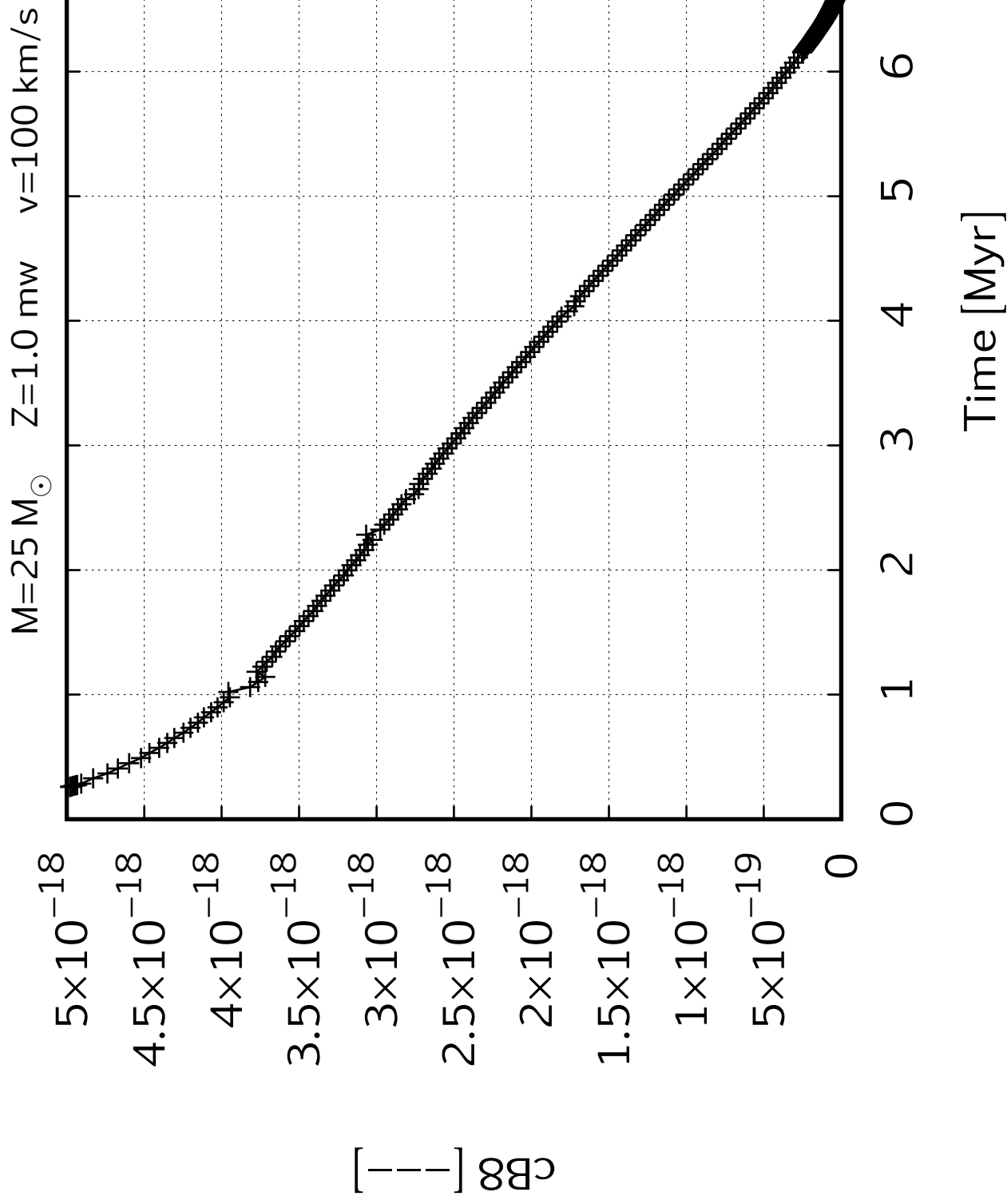
$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s

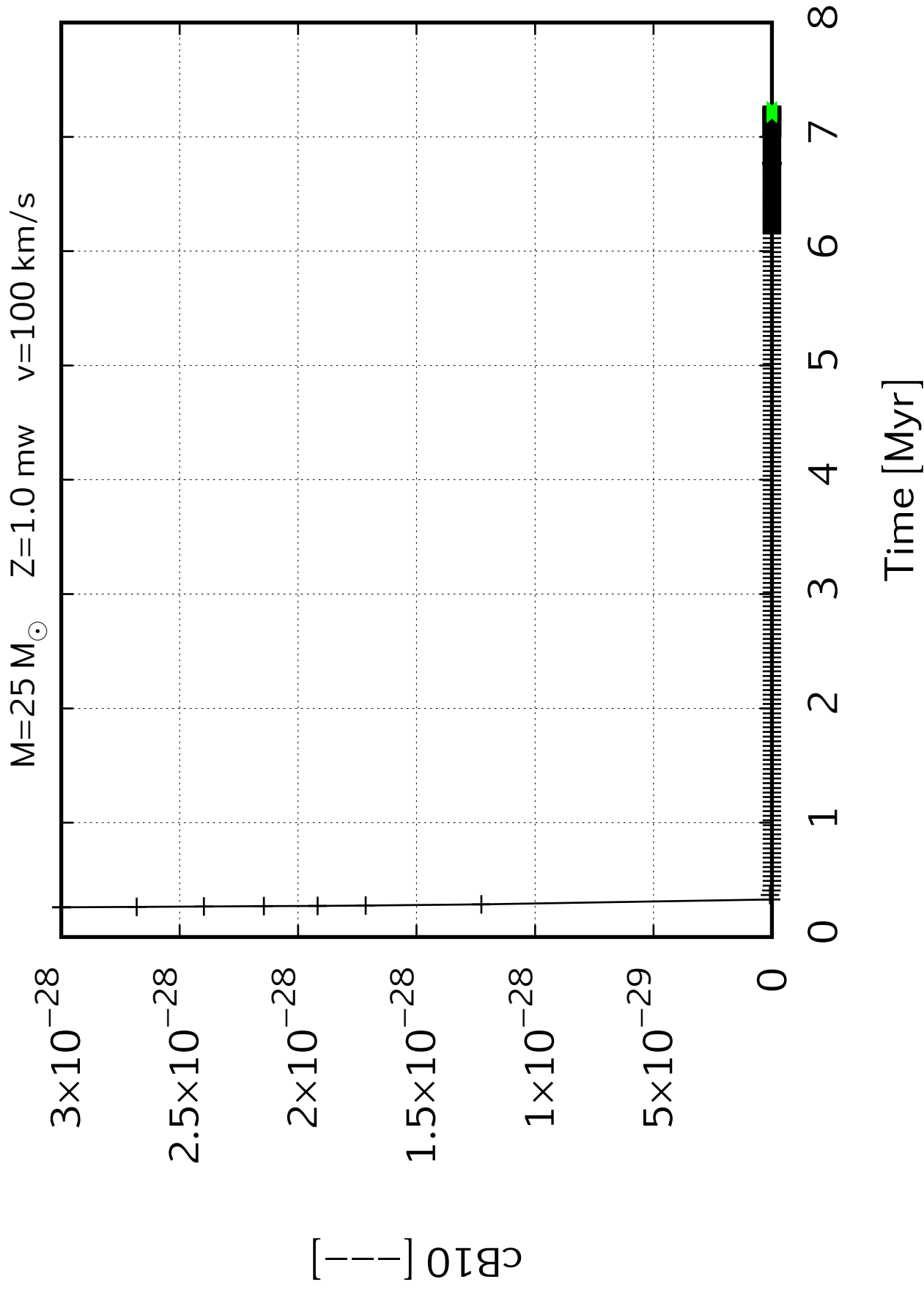




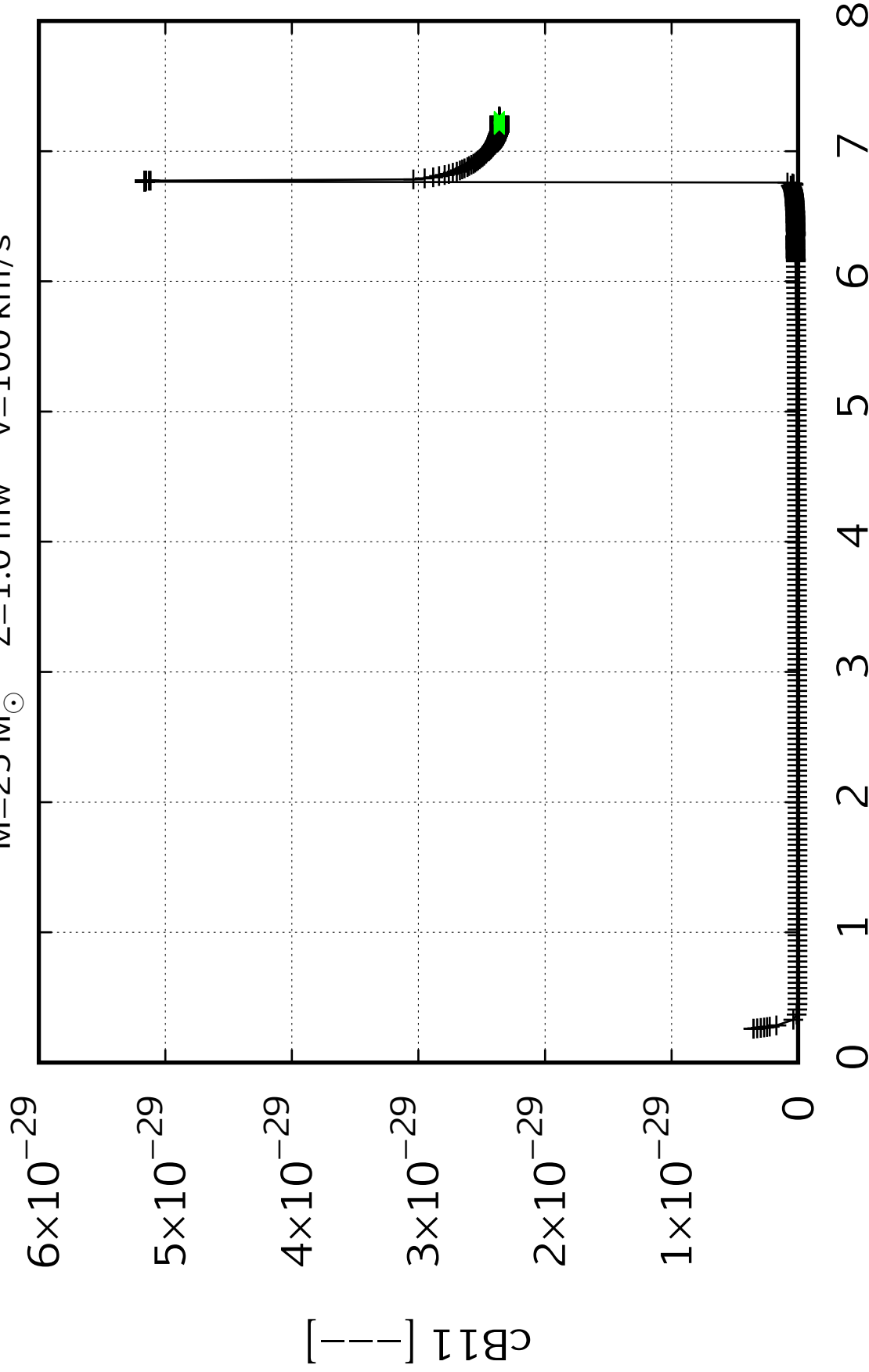
$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s



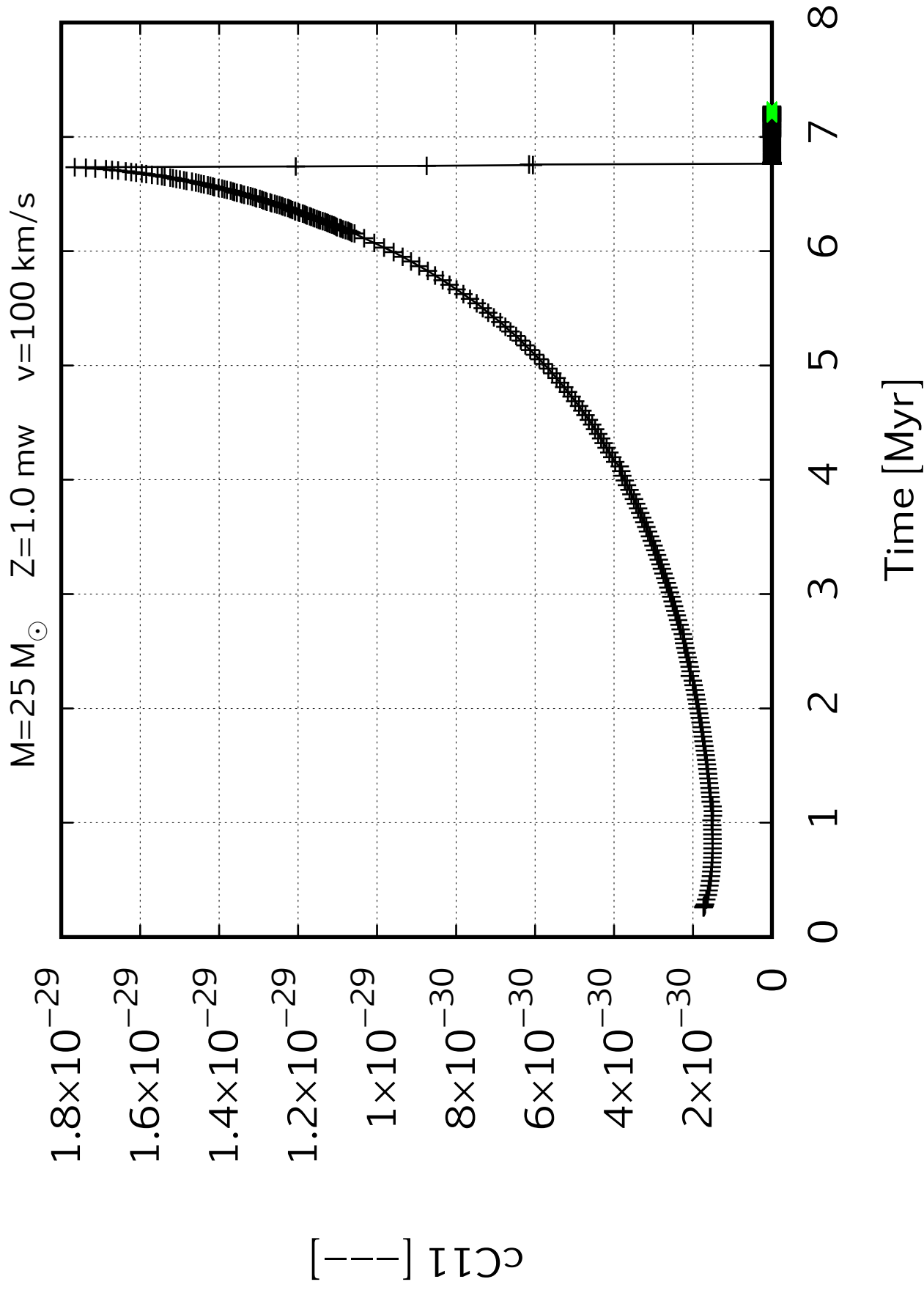




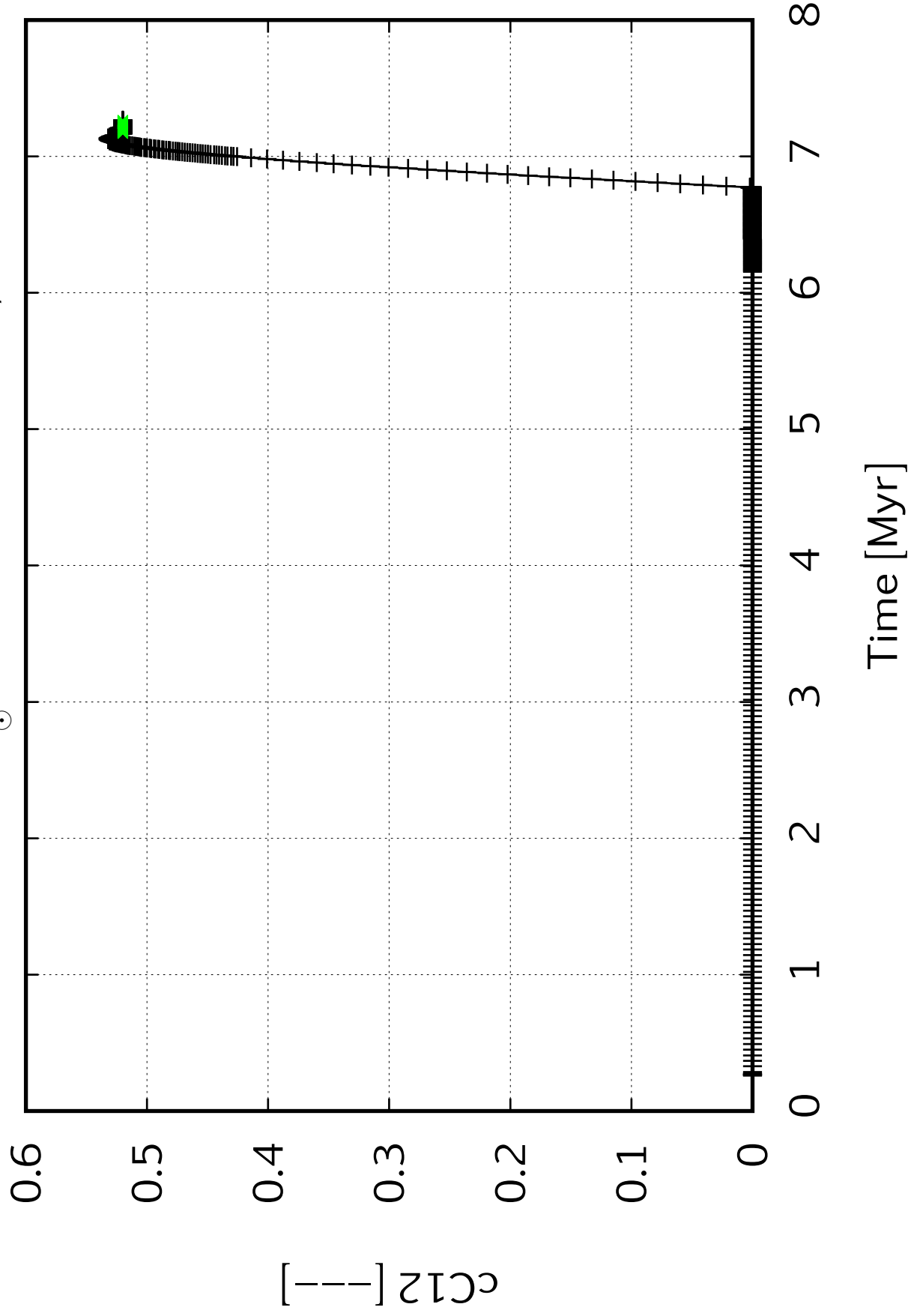
$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$



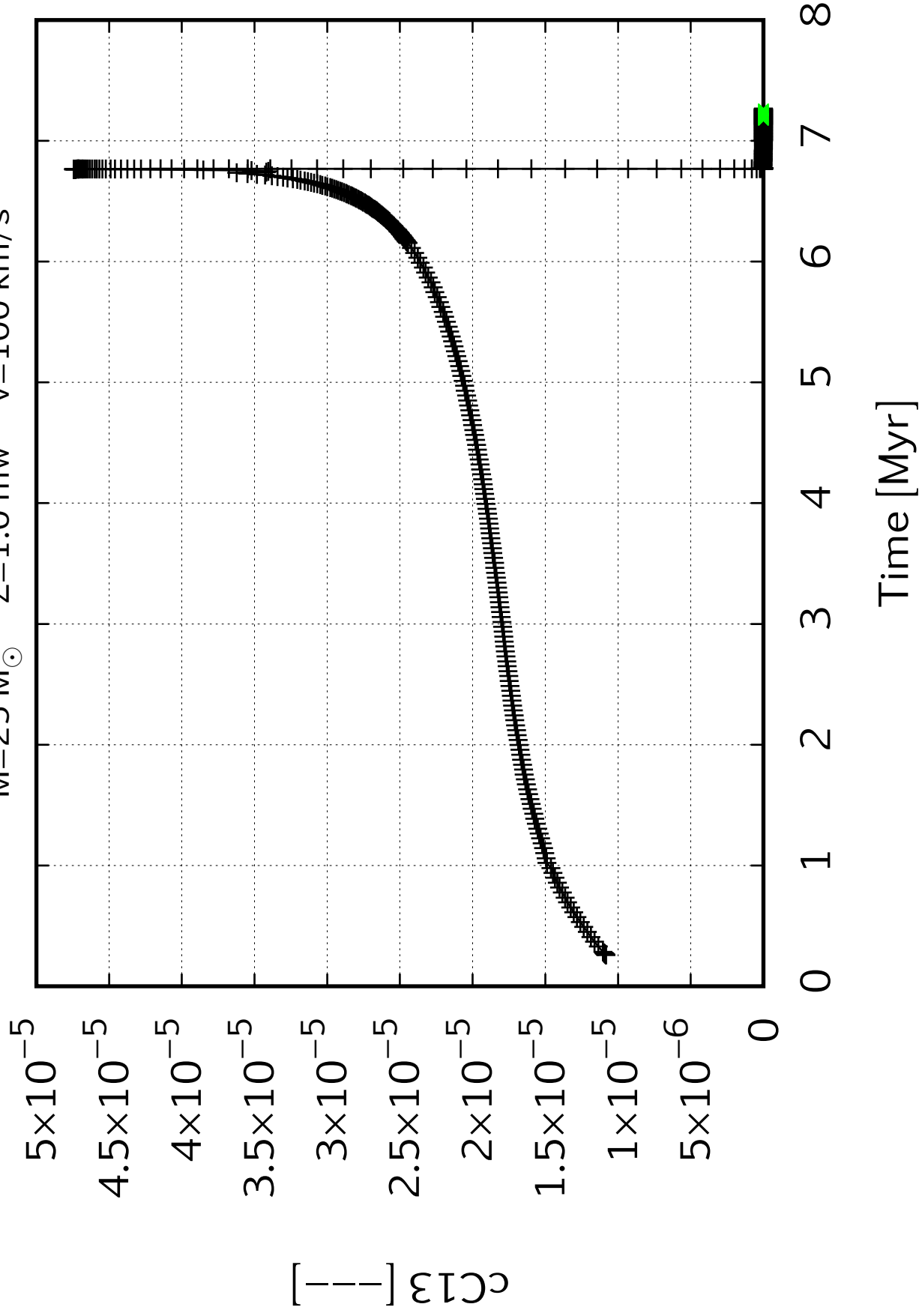


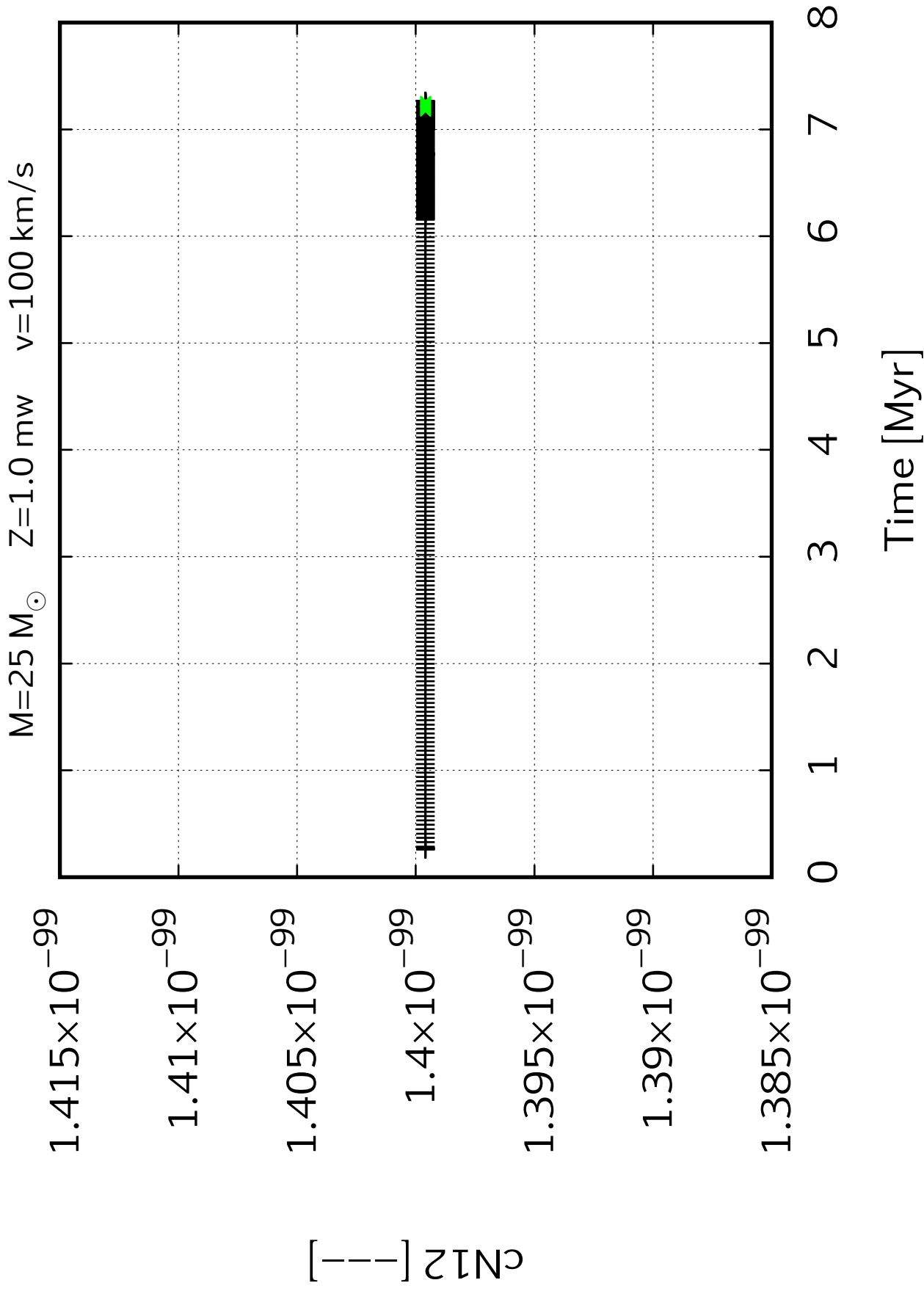


$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s

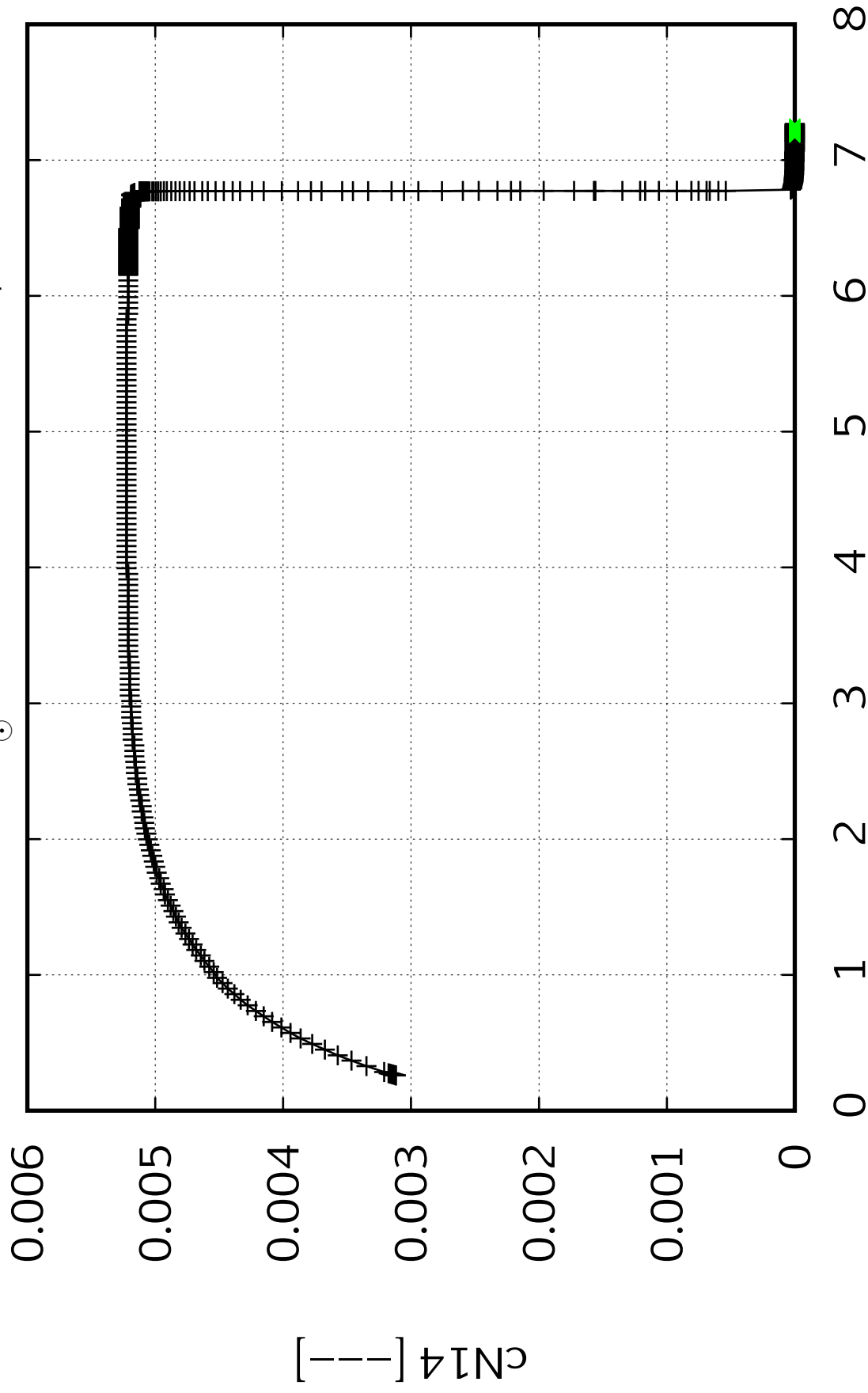


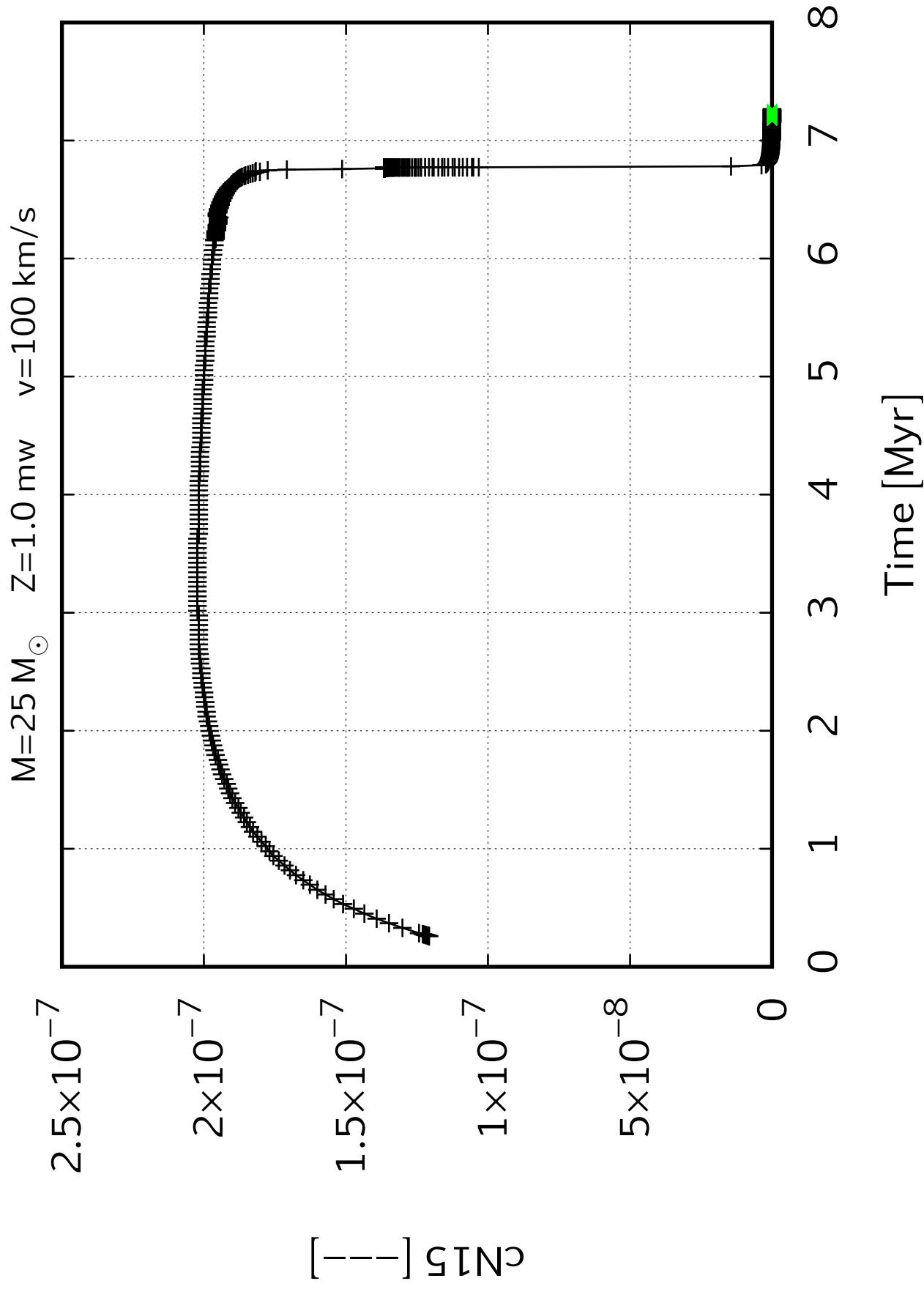
$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100\text{ km/s}$

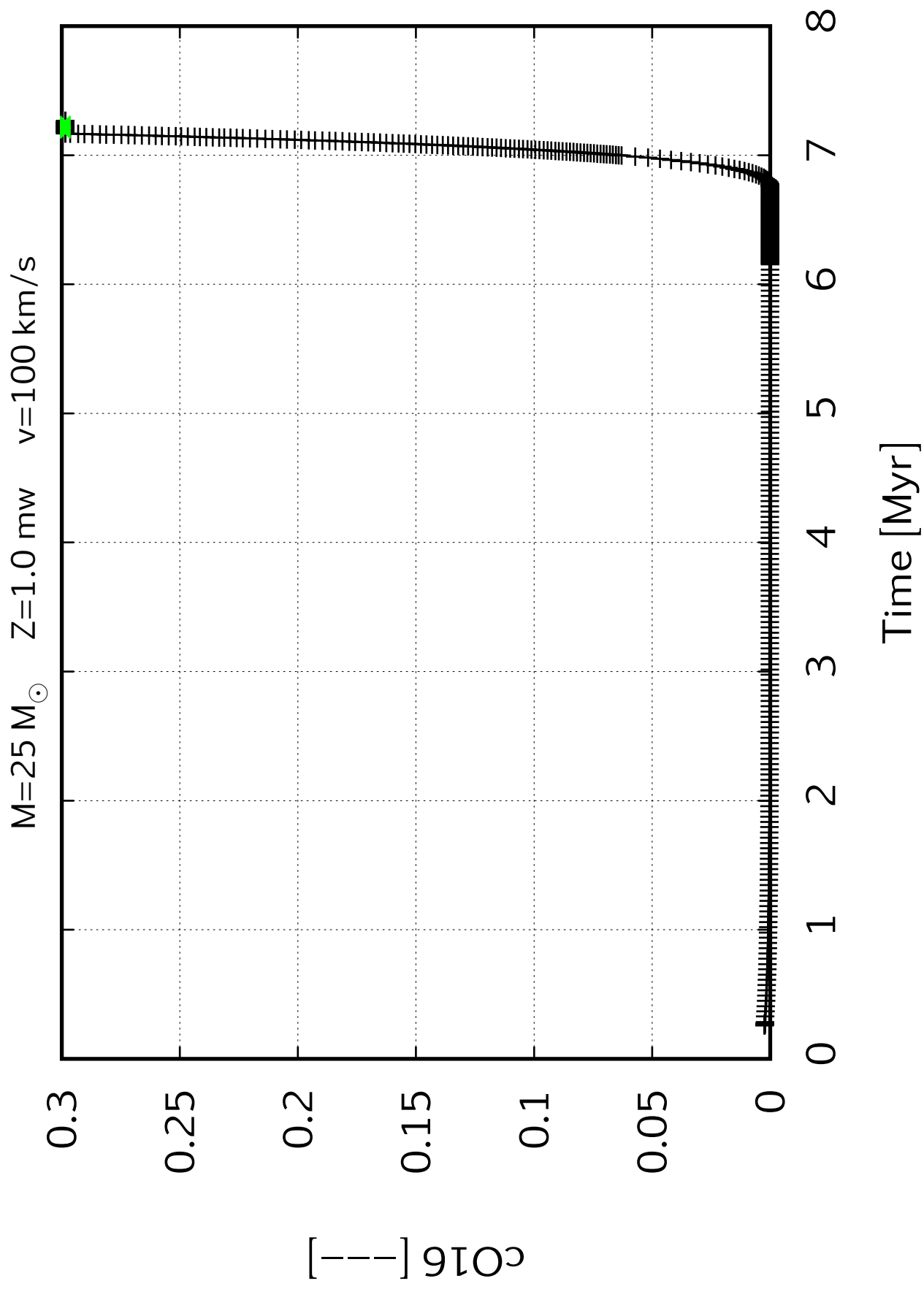




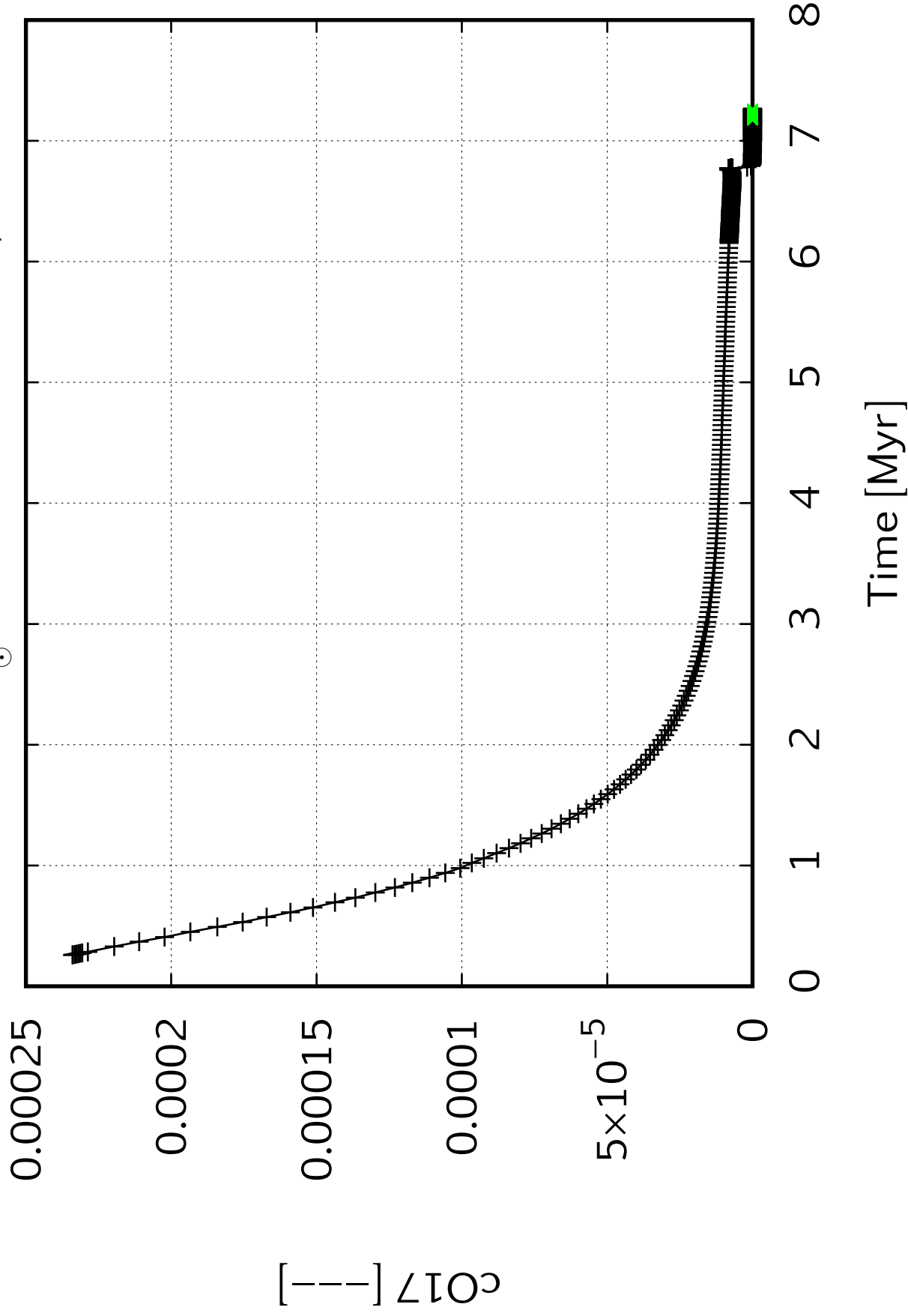
$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$





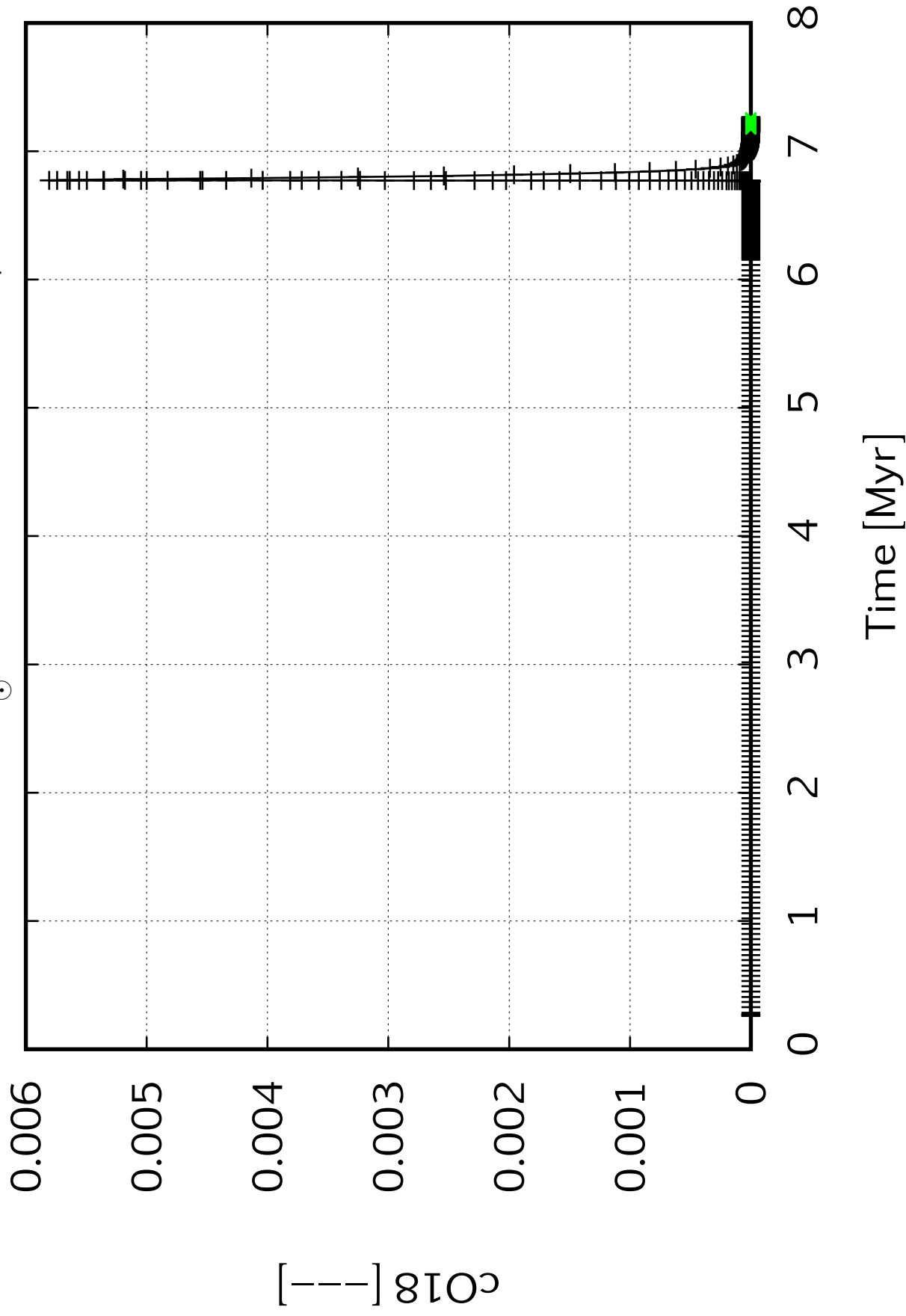


$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s

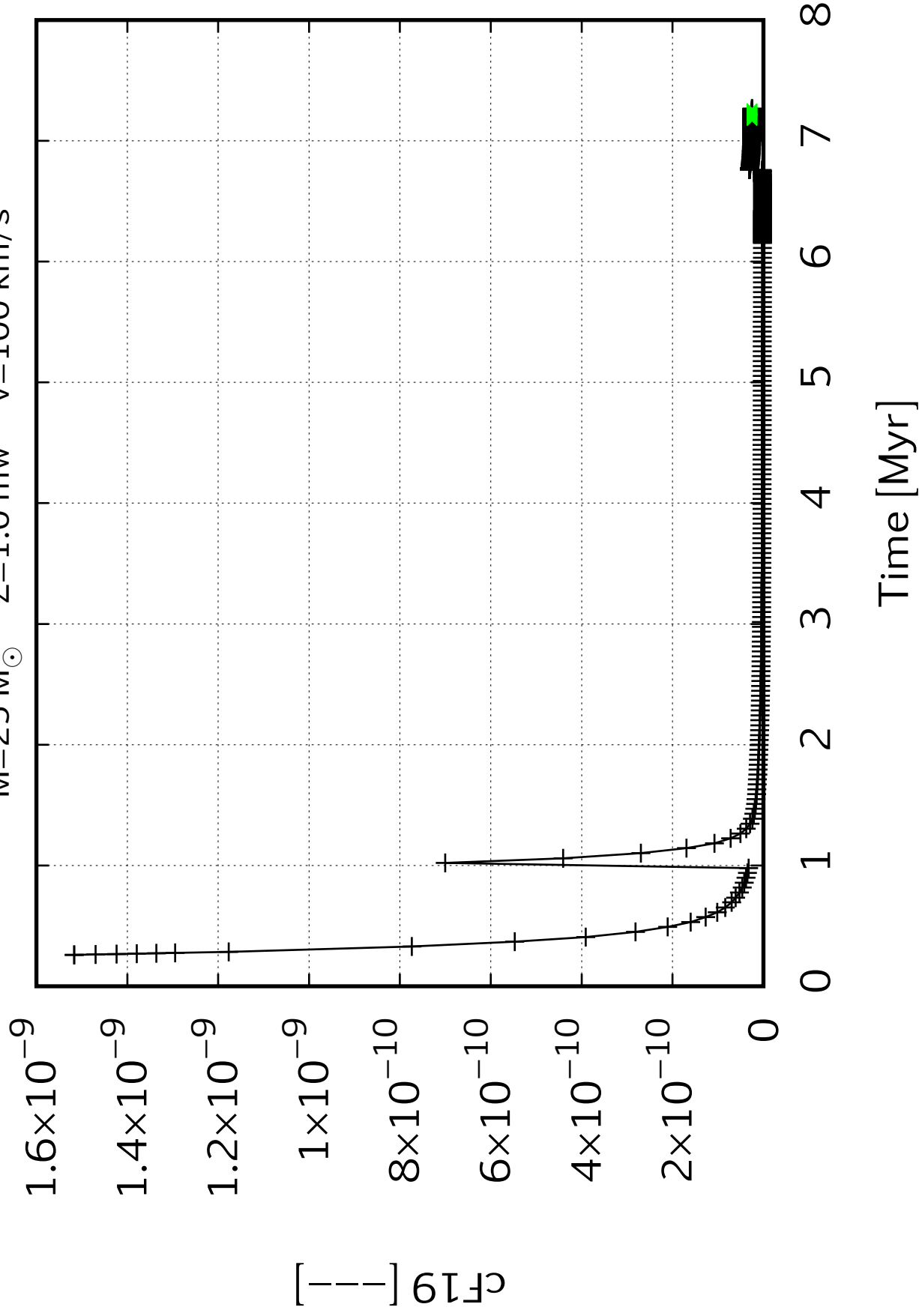




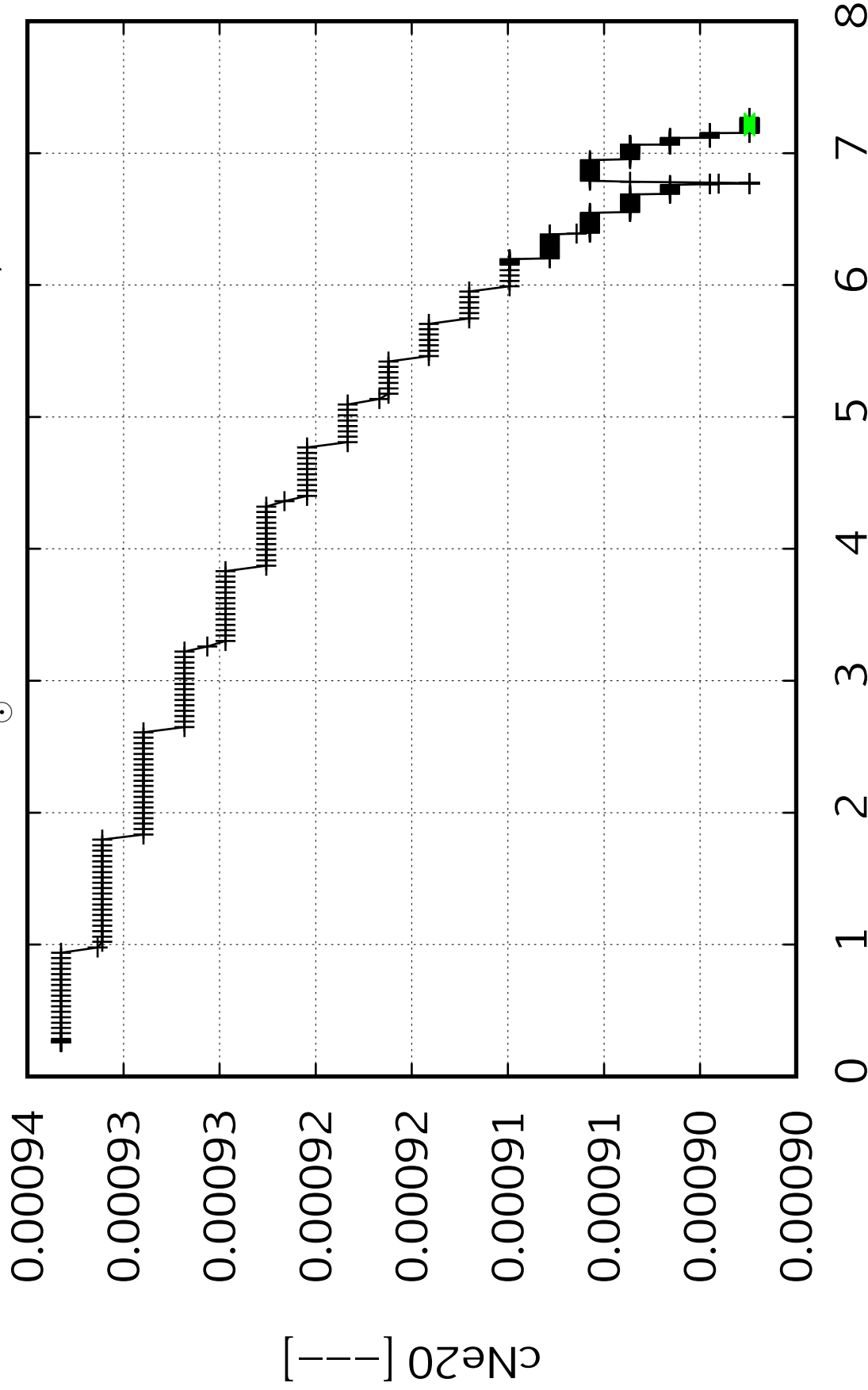
$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$



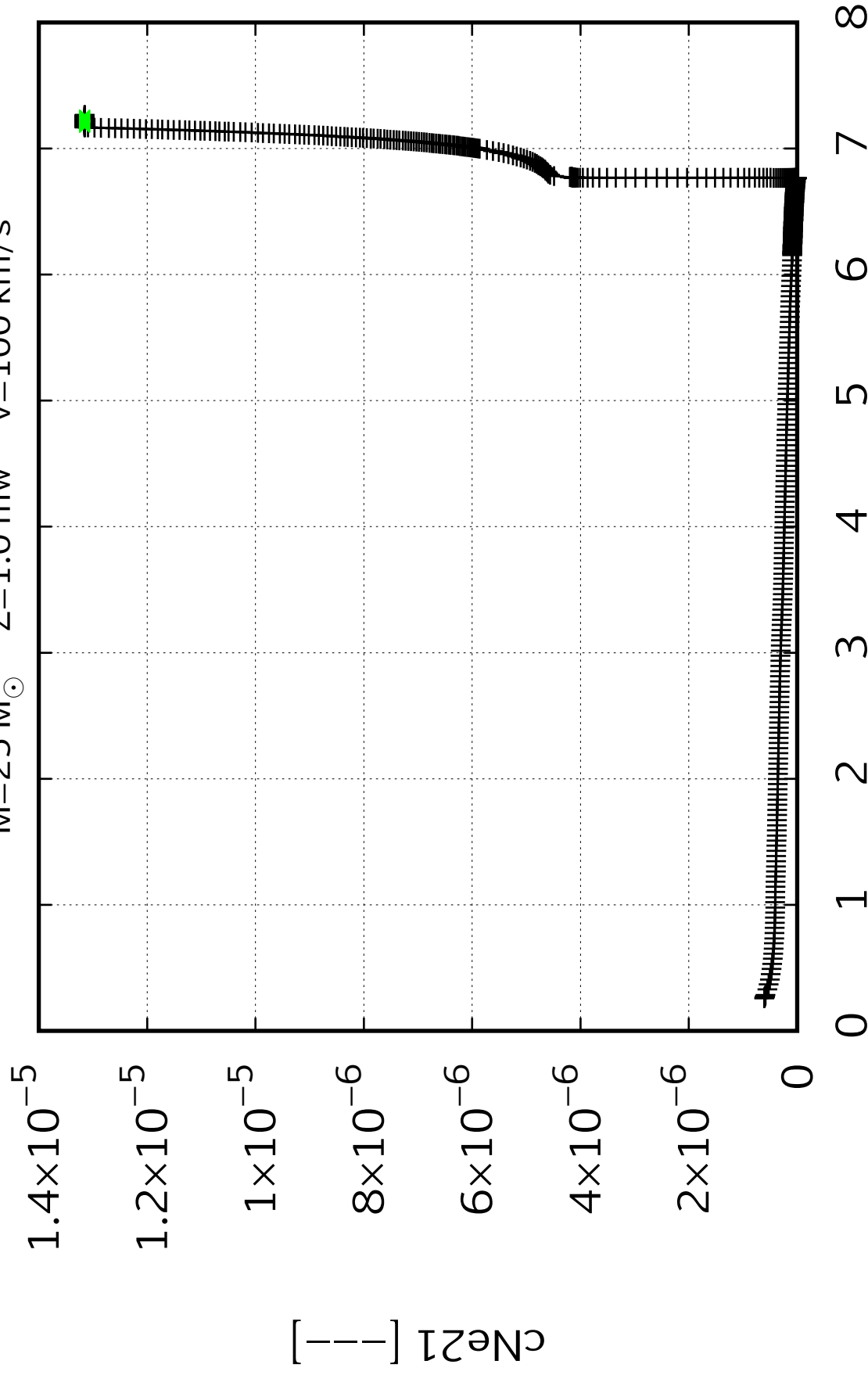
$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100\text{ km/s}$



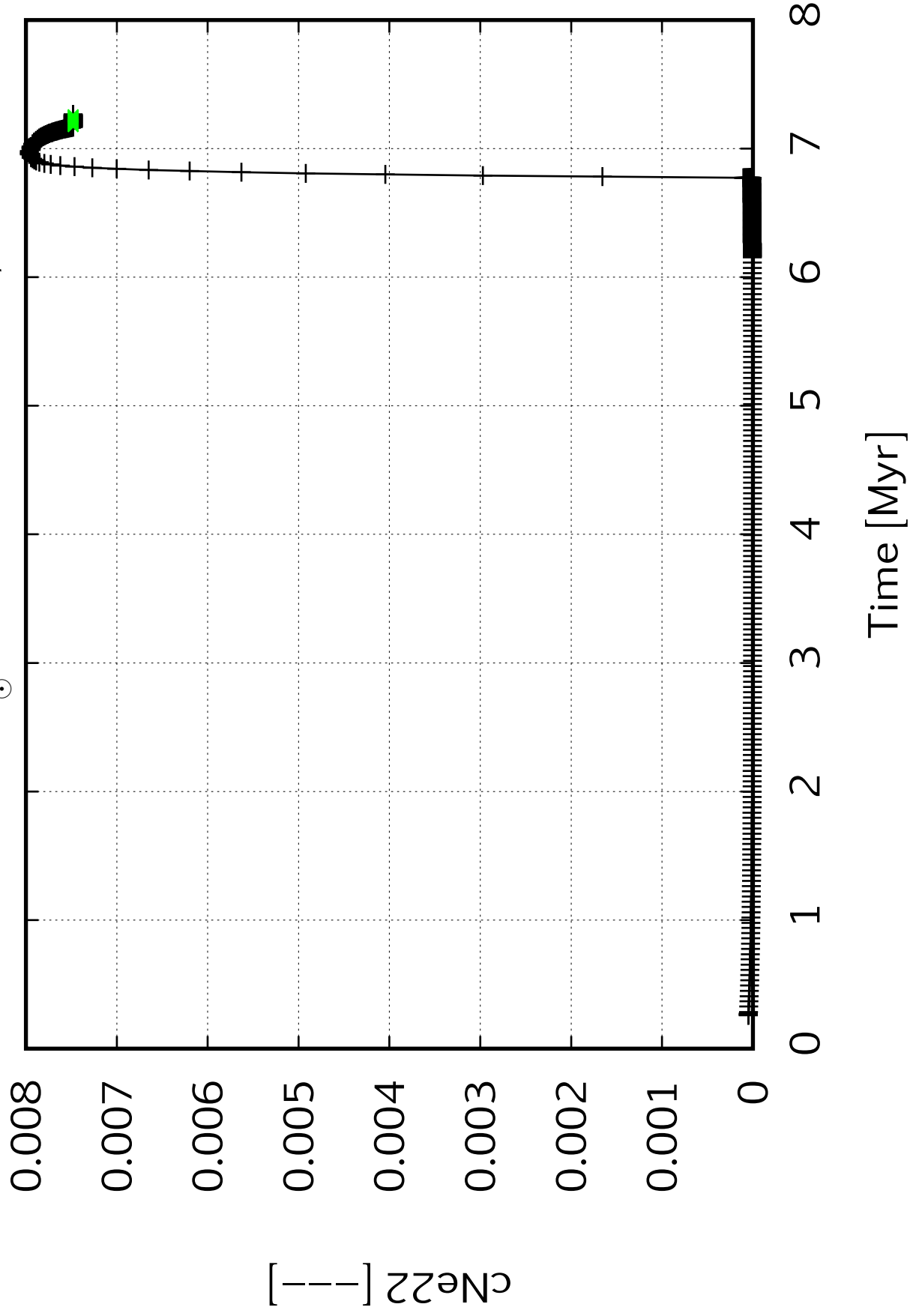
$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$



$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s



$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$



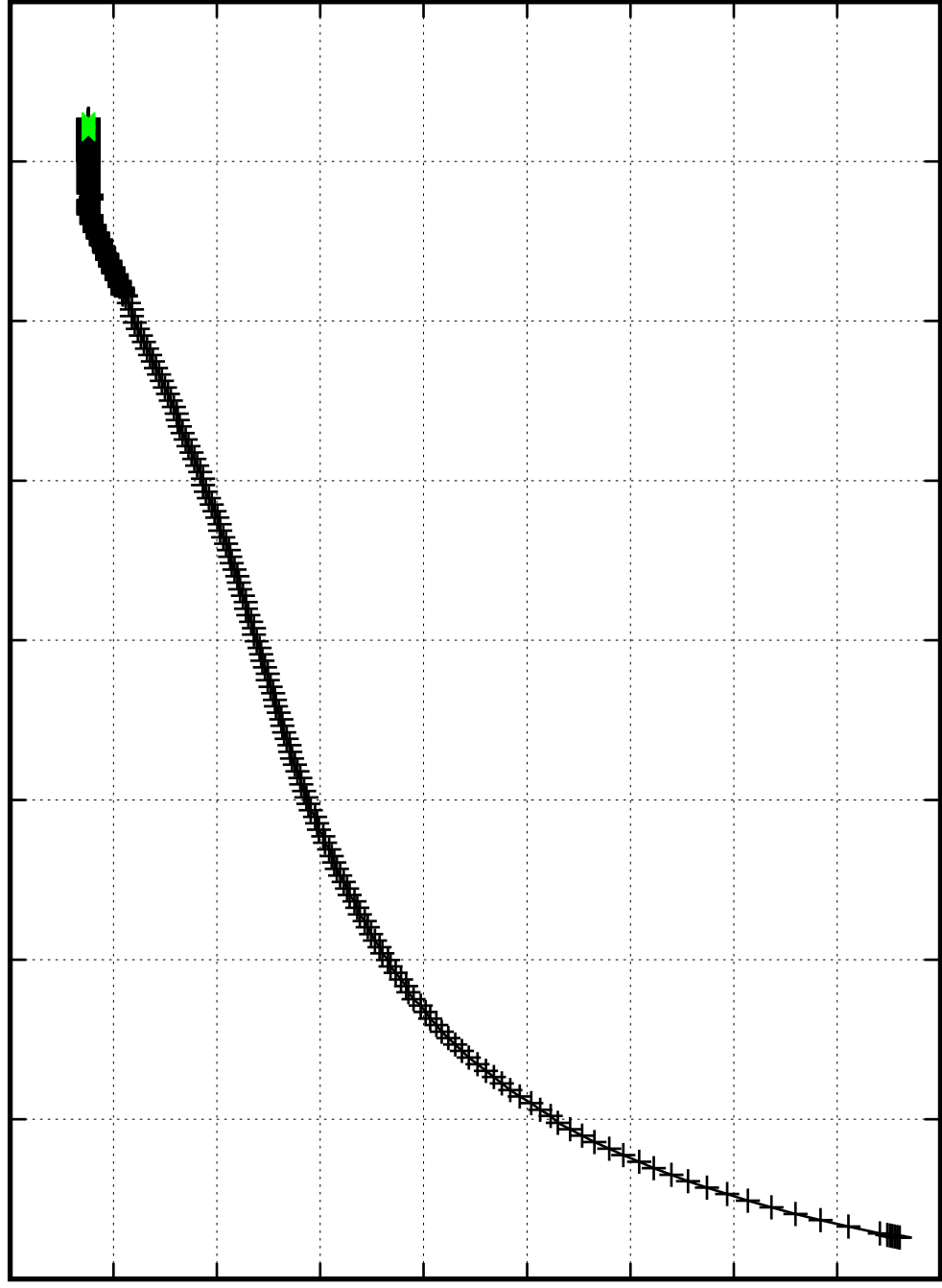
$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$

$c_{\text{Na}23}\text{ [---]}$

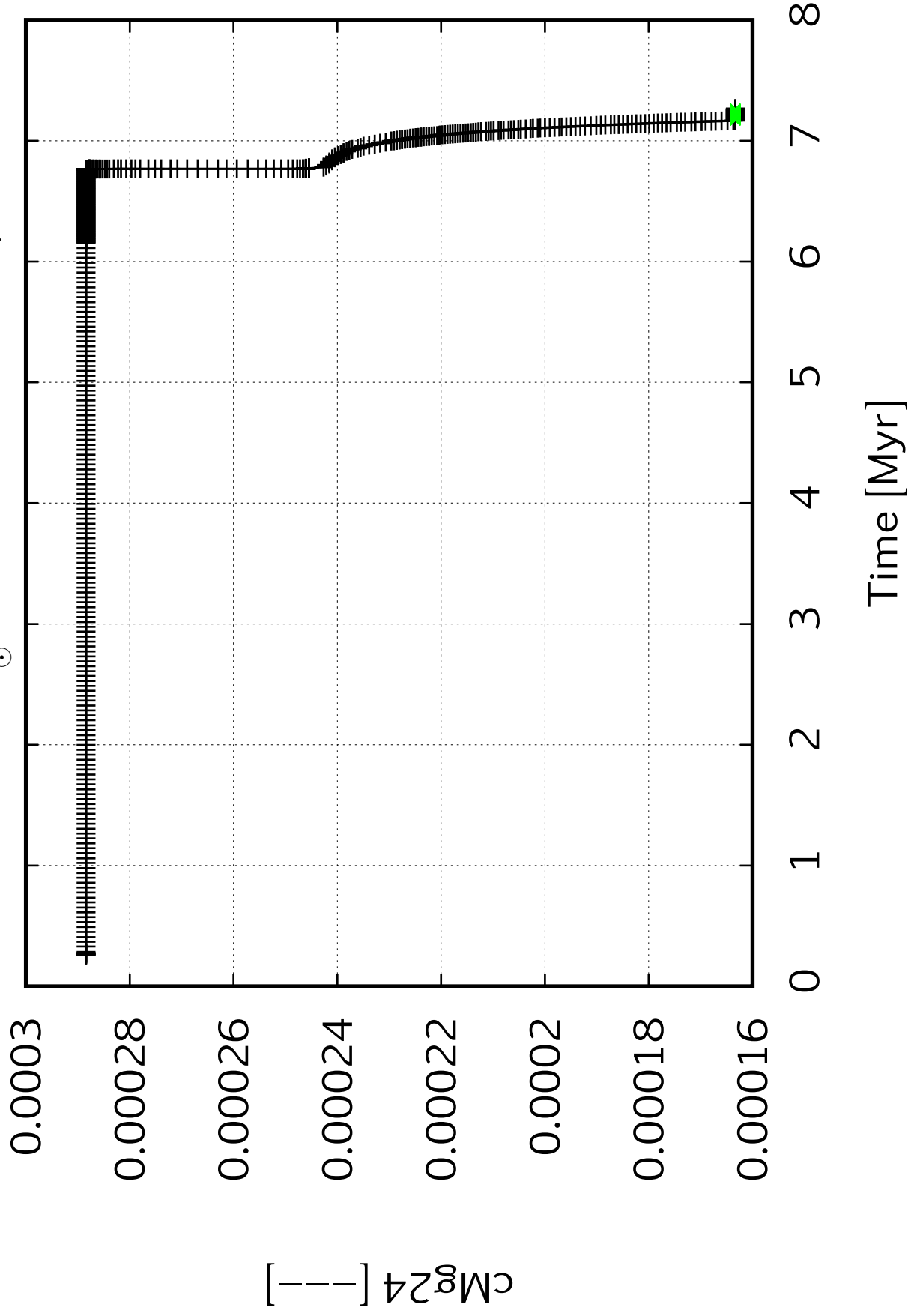
0.00014  
0.00013  
0.00012  
0.00011  
0.00010  
0.00009  
0.00008  
0.00007  
0.00006  
0.00005

0 1 2 3 4 5 6 7 8

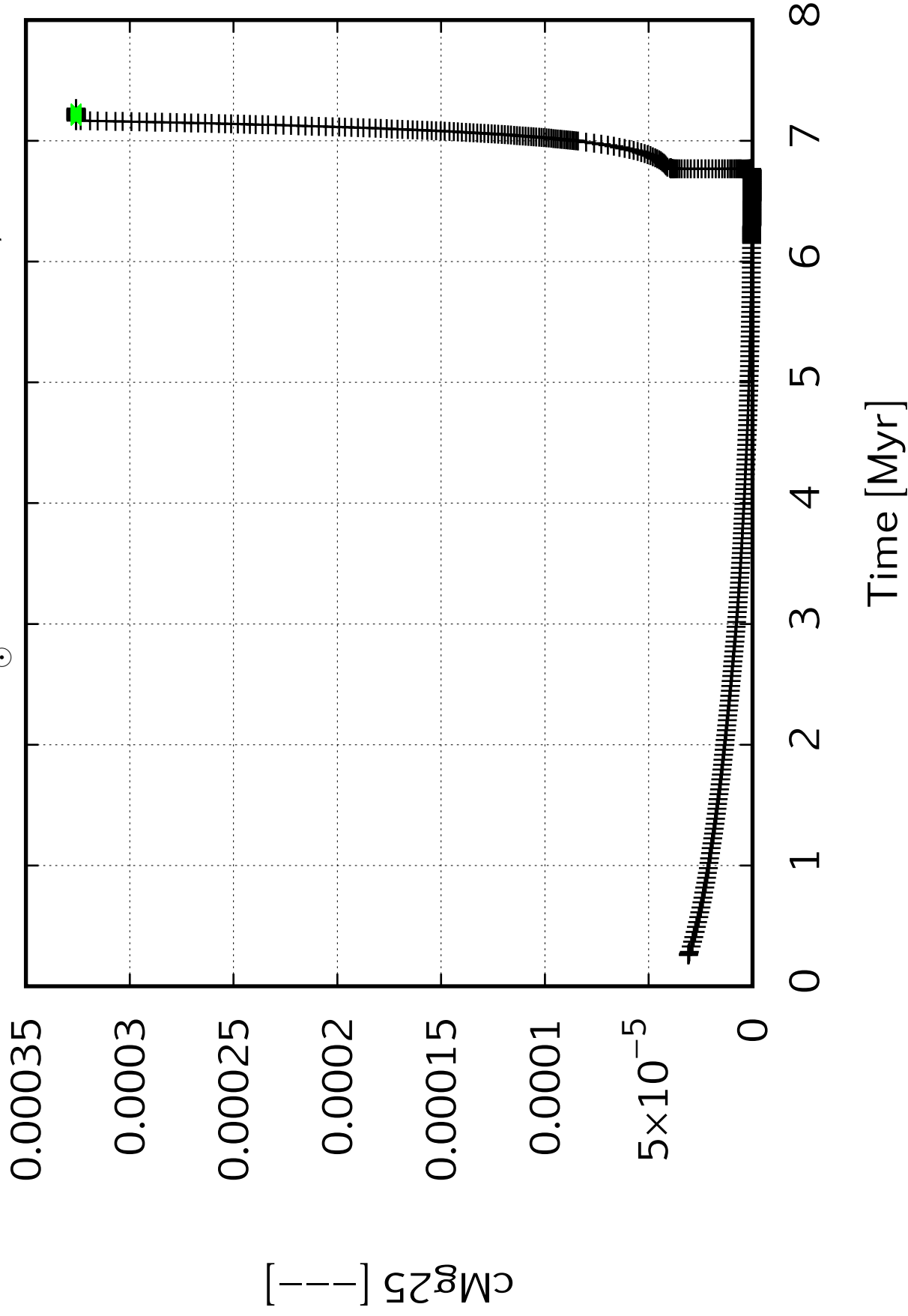
Time [Myr]



$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100\text{ km/s}$



$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100\text{ km/s}$





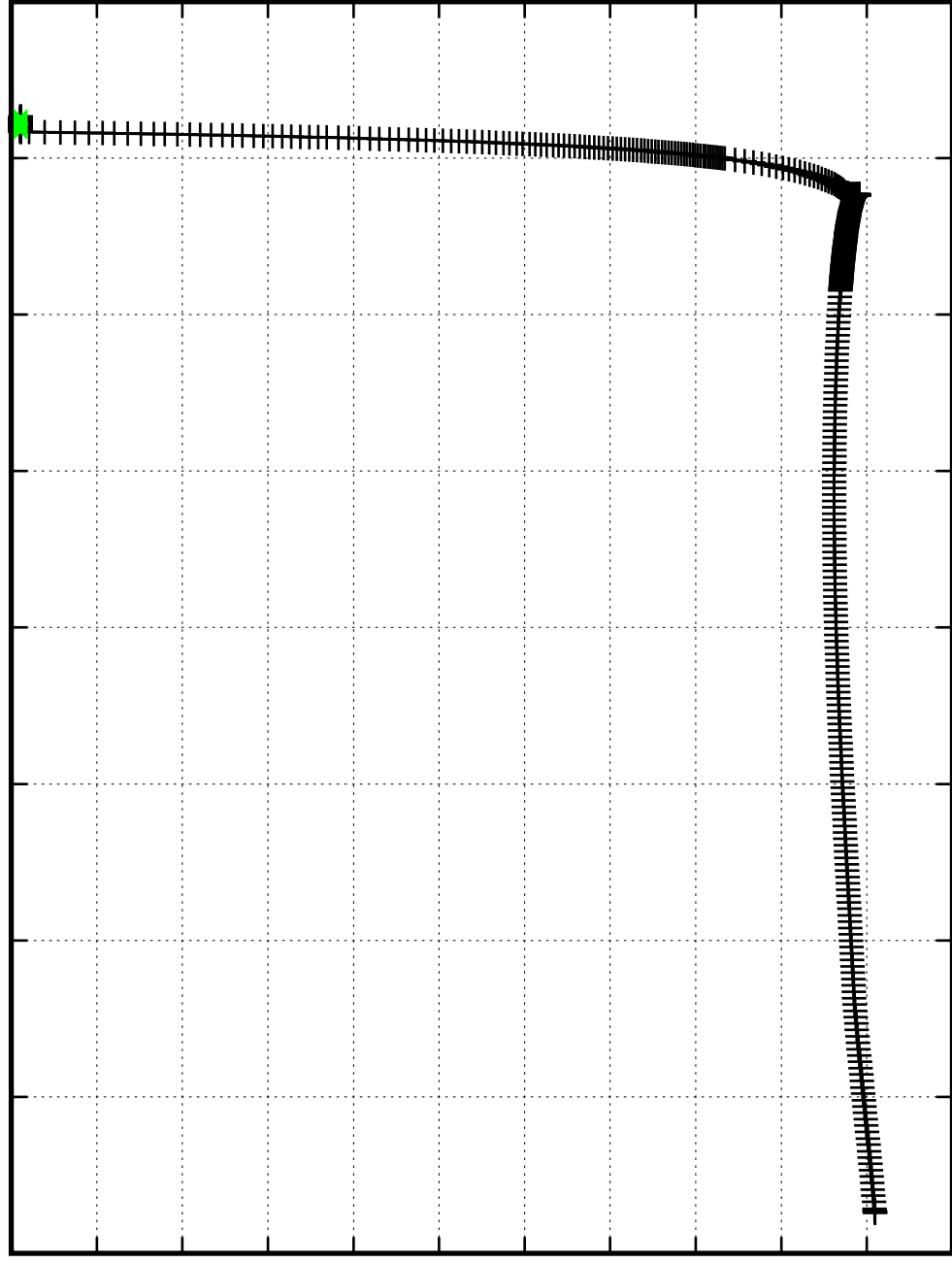
$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100\text{ km/s}$

$[\text{--}] \text{M}_{26}^{\text{g}}$

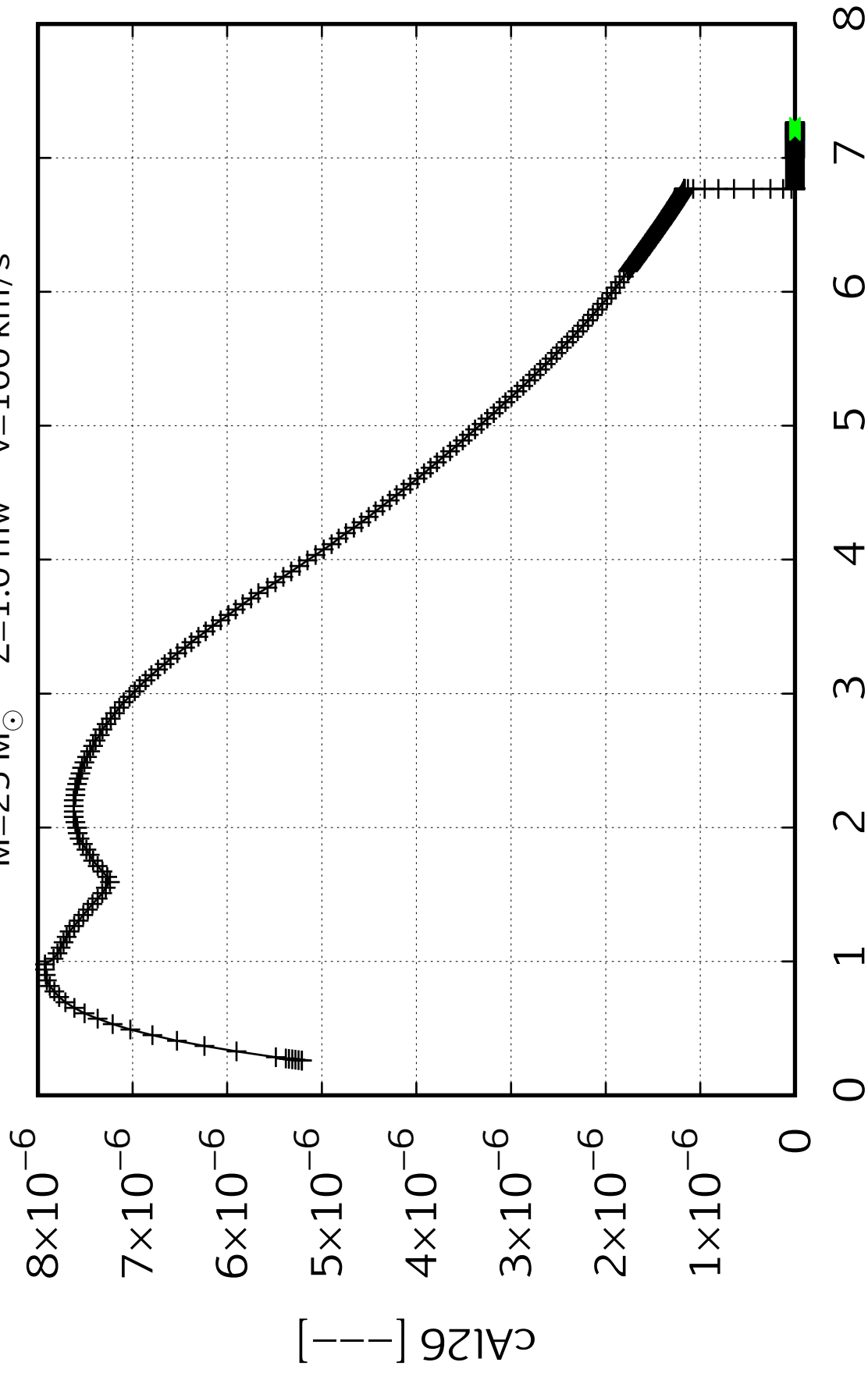
0.00055  
0.0005  
0.00045  
0.0004  
0.00035  
0.0003  
0.00025  
0.0002  
0.00015  
0.0001  
 $5 \times 10^{-5}$   
0

0 1 2 3 4 5 6 7 8

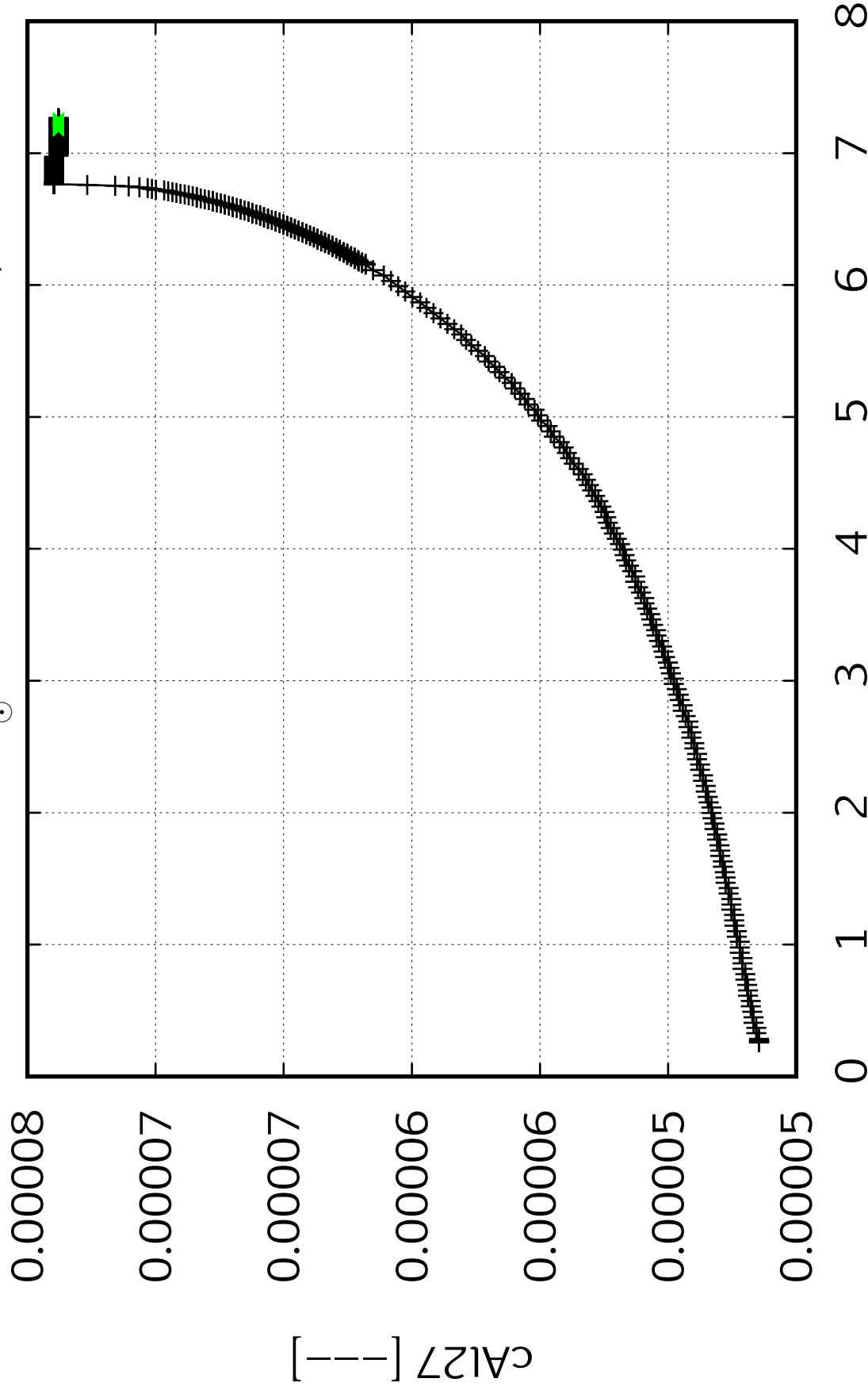
Time [Myr]



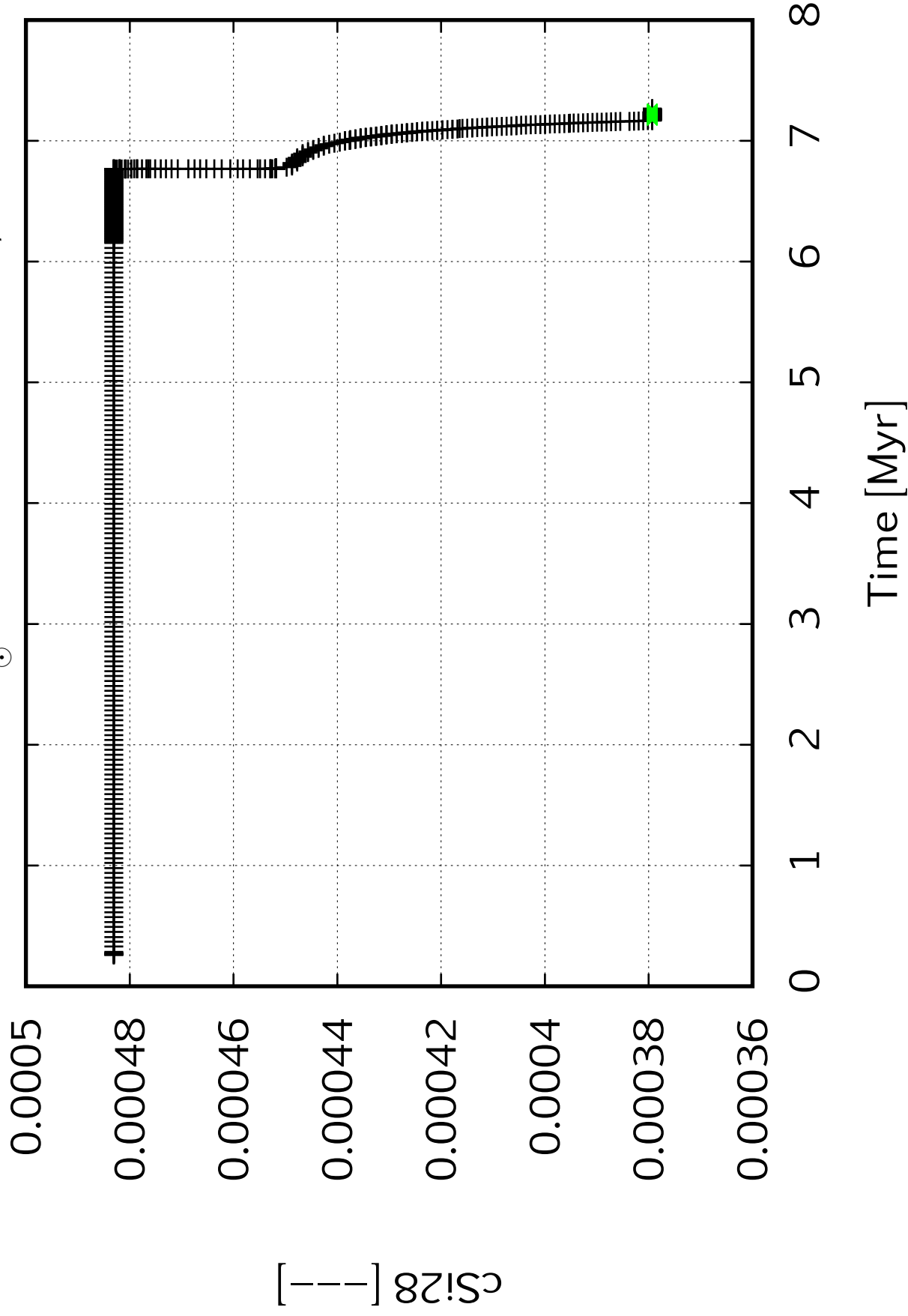
$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$



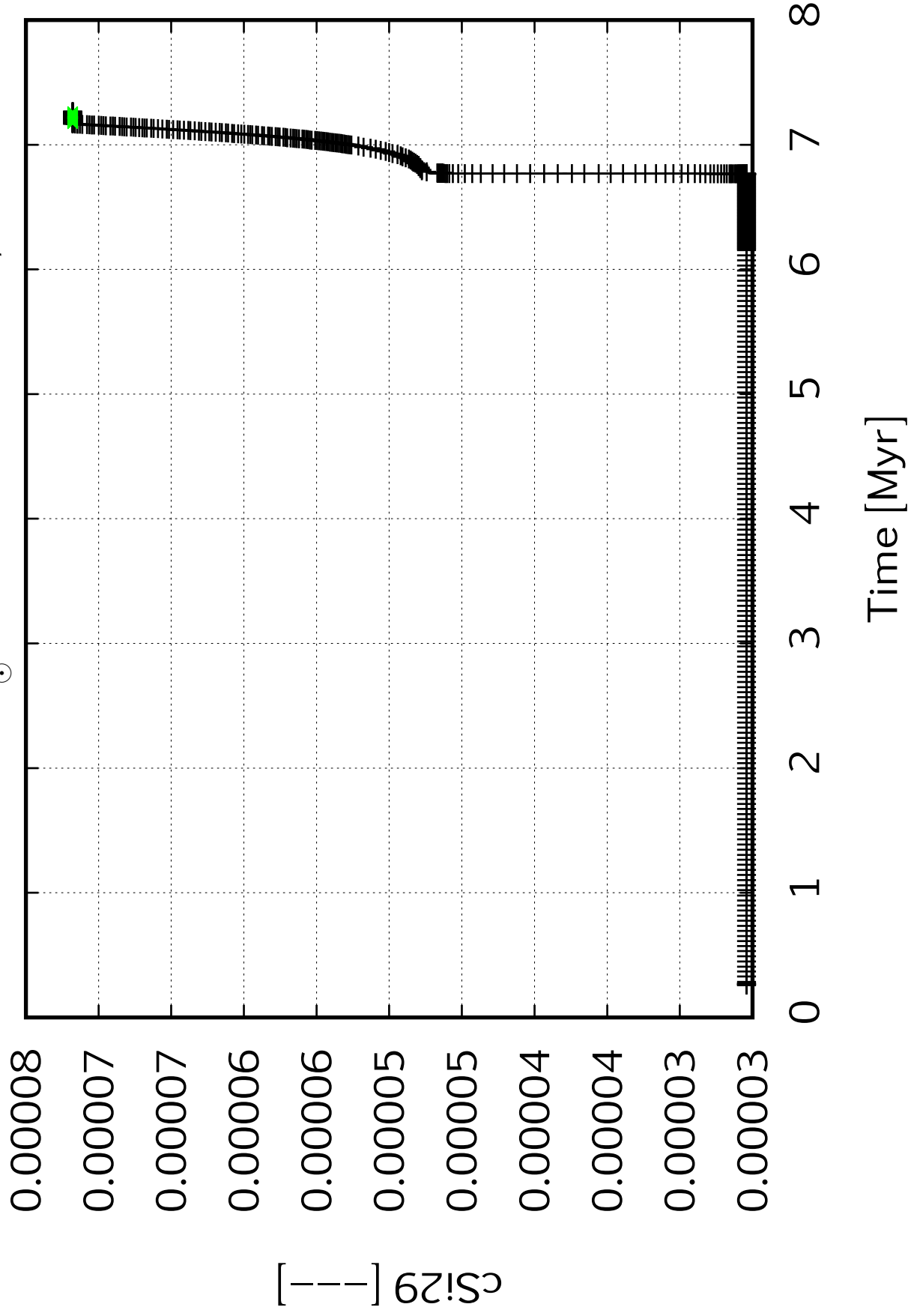
$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$



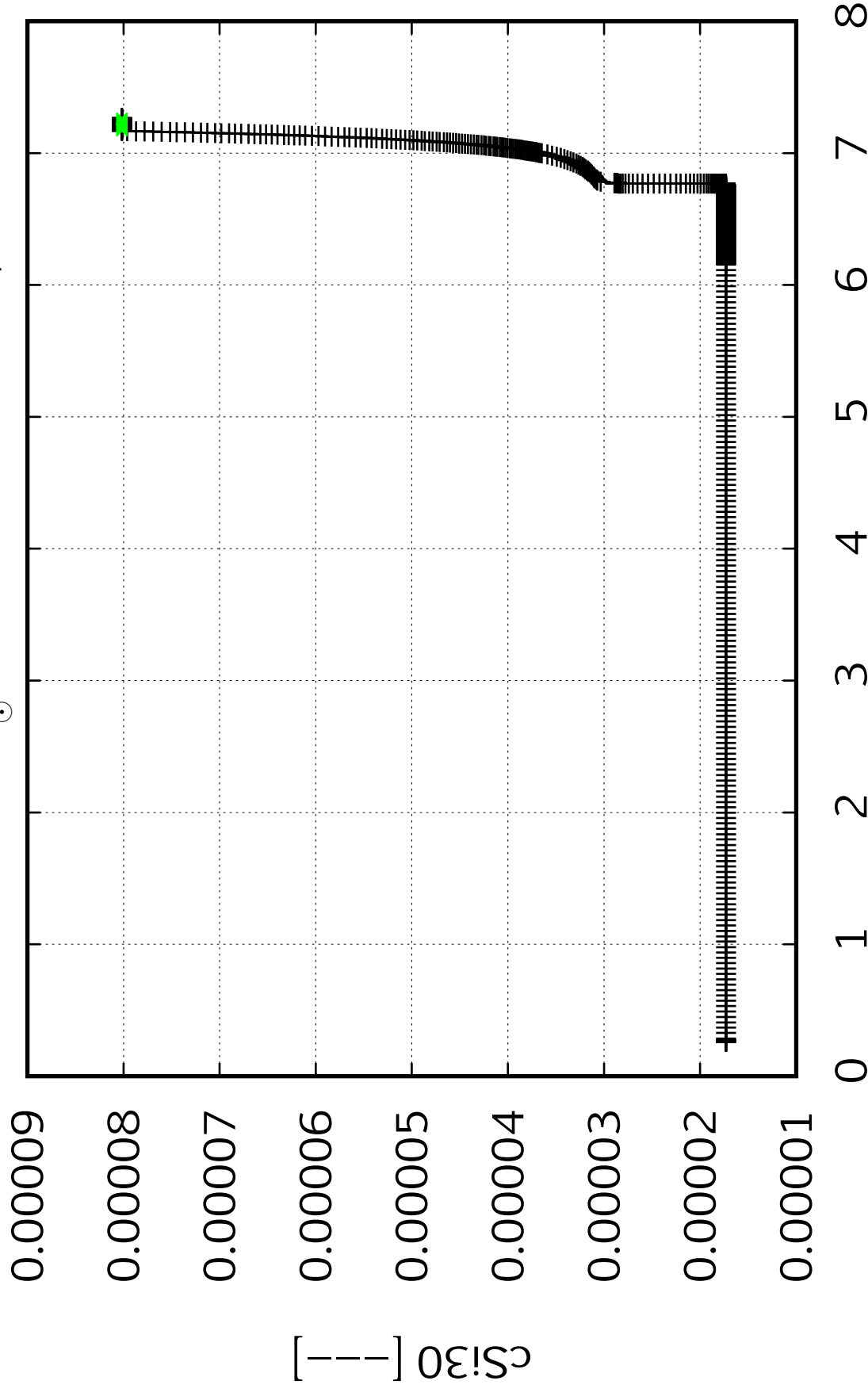
$M=25\,M_{\odot}$     $Z=1.0$  mw    $v=100$  km/s



$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$



$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$



$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$

0.00104

0.00103

0.00103

0.00102

0.00102

0.00101

[Fe56]

0

1

2

3

4

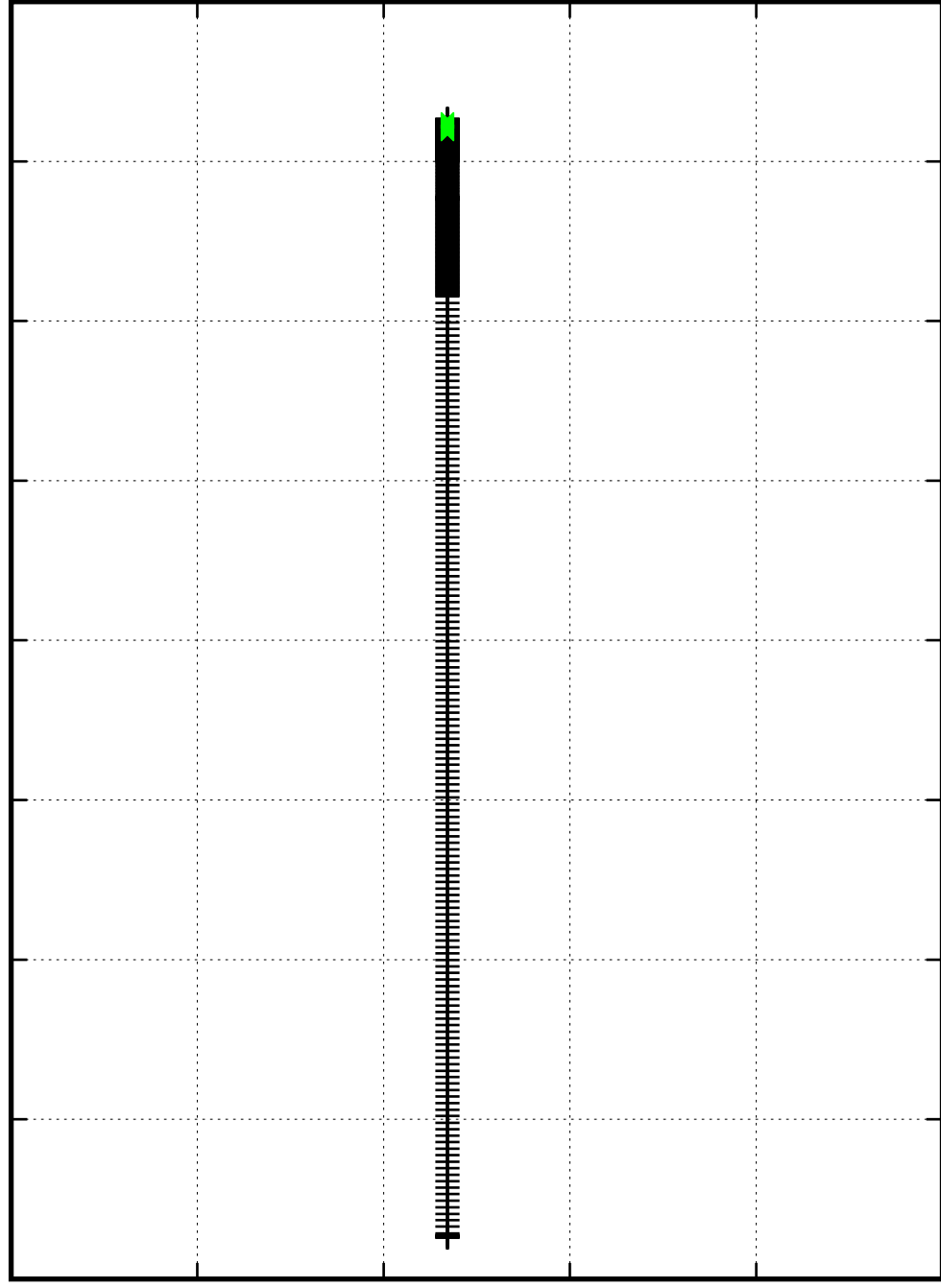
5

6

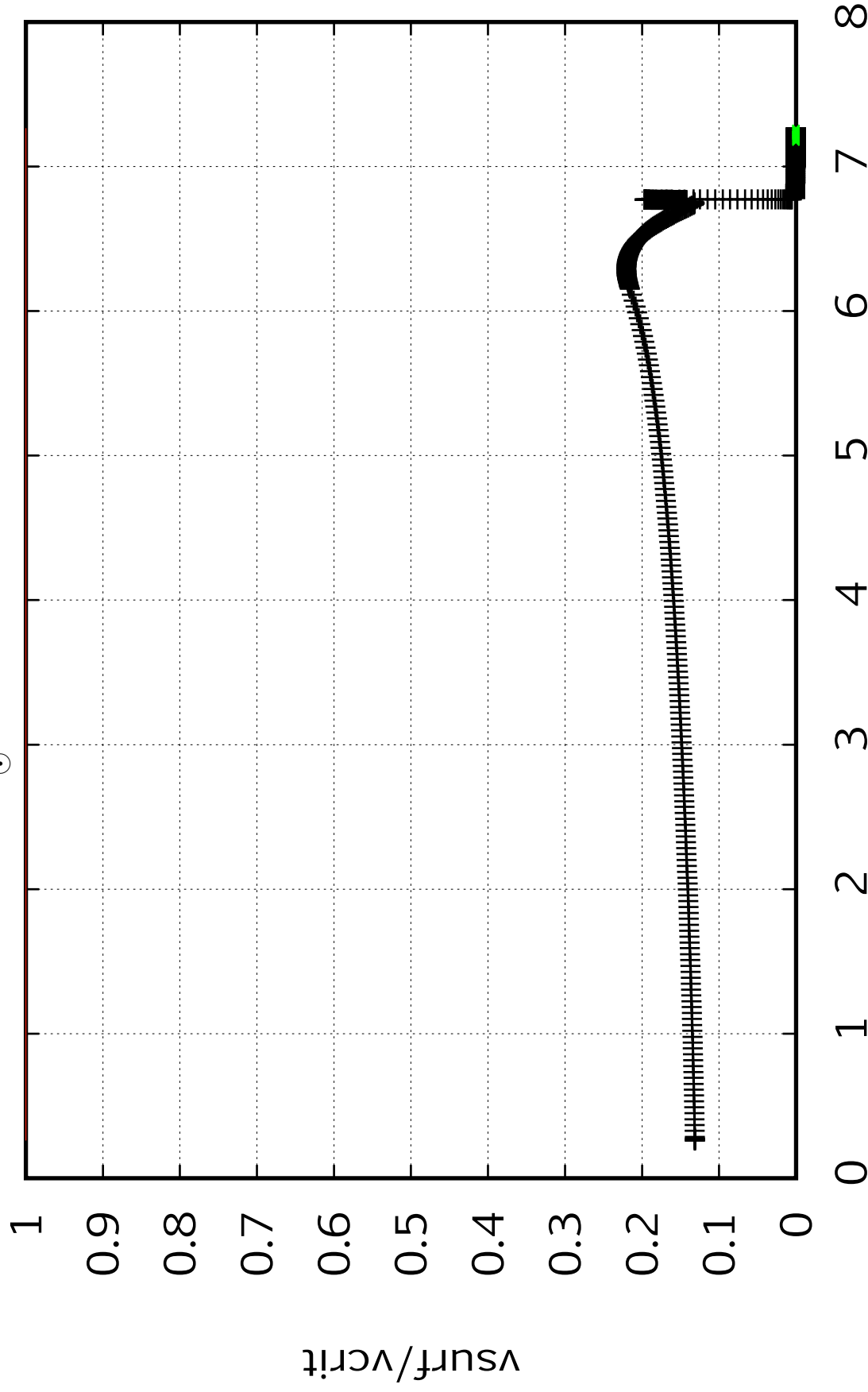
7

8

Time [Myr]



$M=25\ M_{\odot}$     $Z=1.0\ \text{mw}$     $v=100\ \text{km/s}$





25 M<sub>⊙</sub> MW

5.5

5.4

$L/L_{\odot}$

5.3

5.2

5.1

5

4.9

4.8

C

B

A

D

E

4.6

4.4

4.2

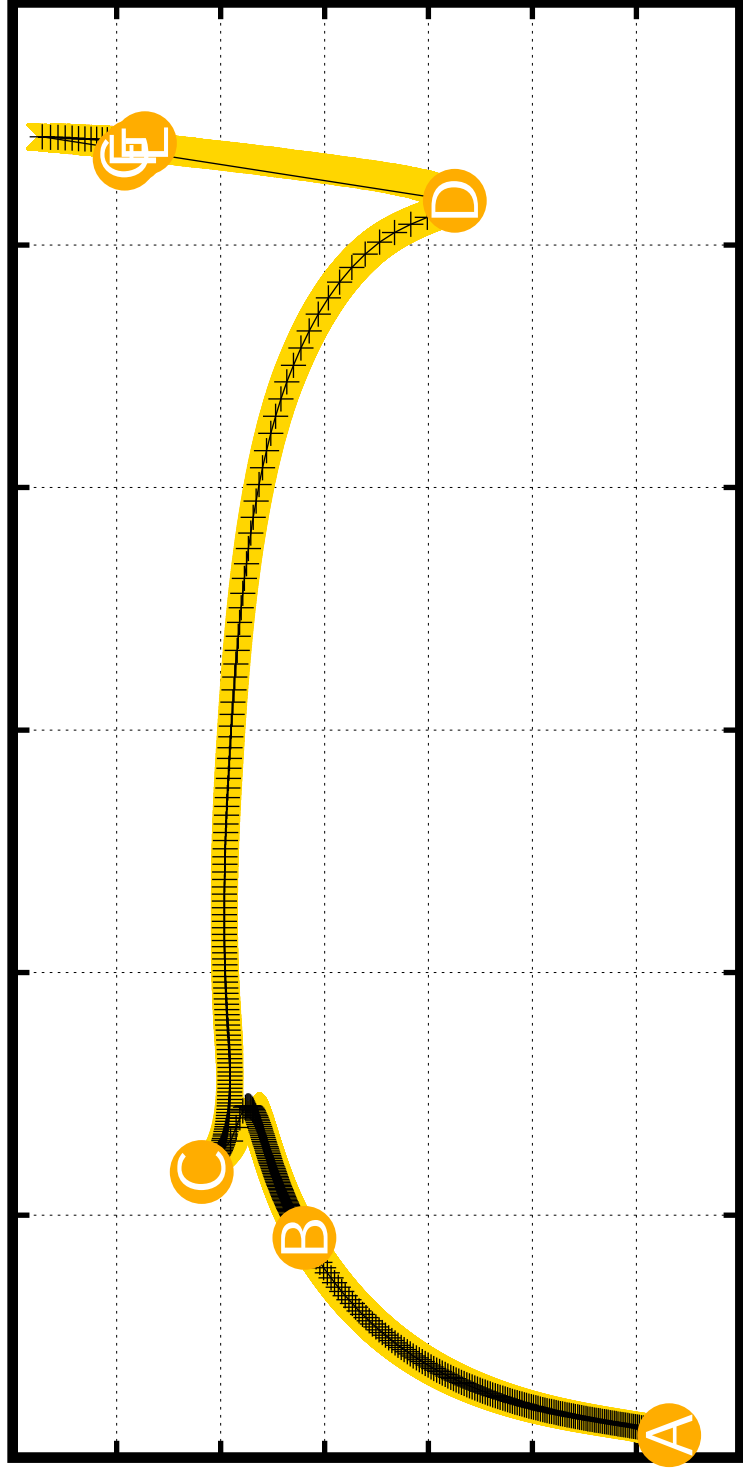
4

3.8

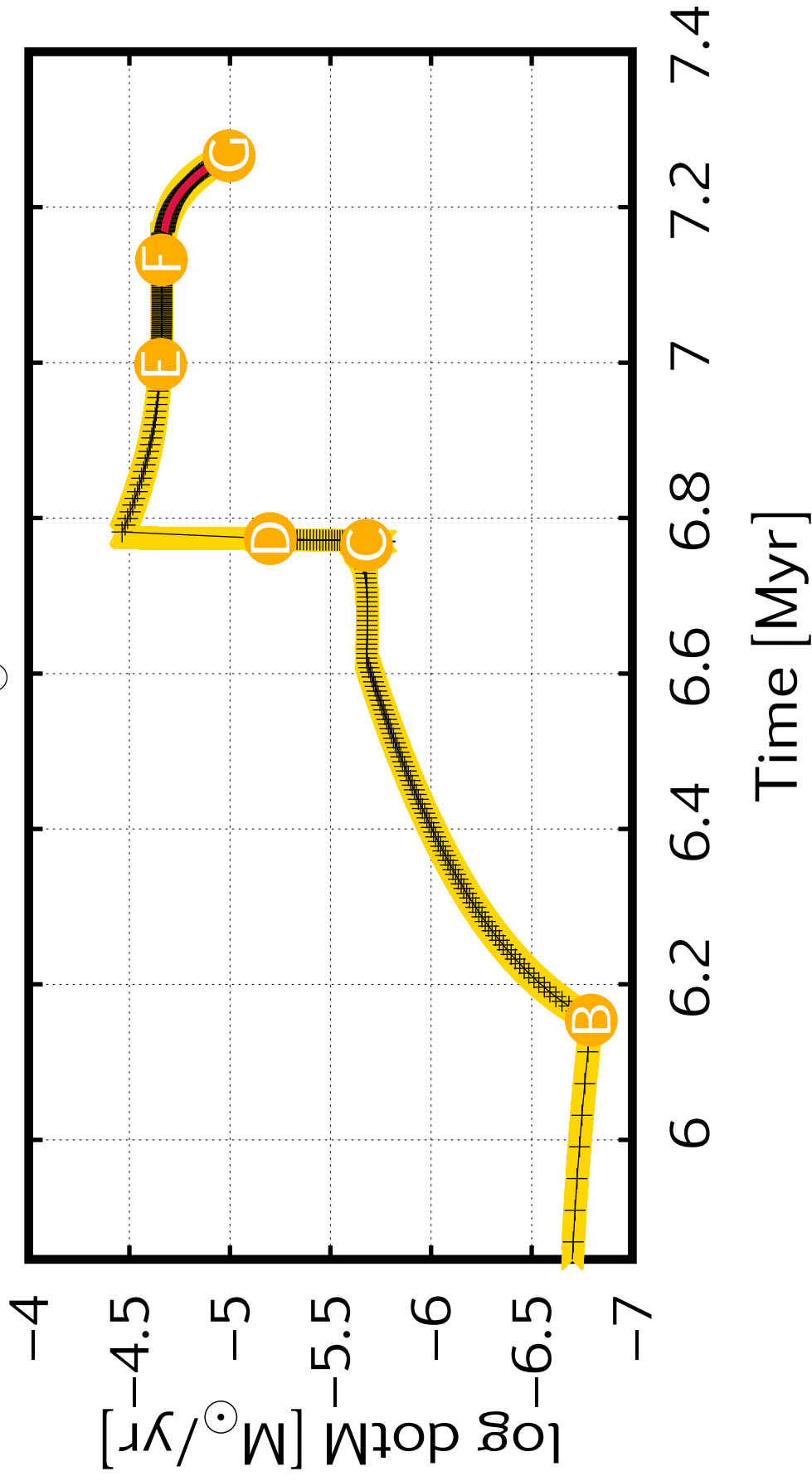
3.6

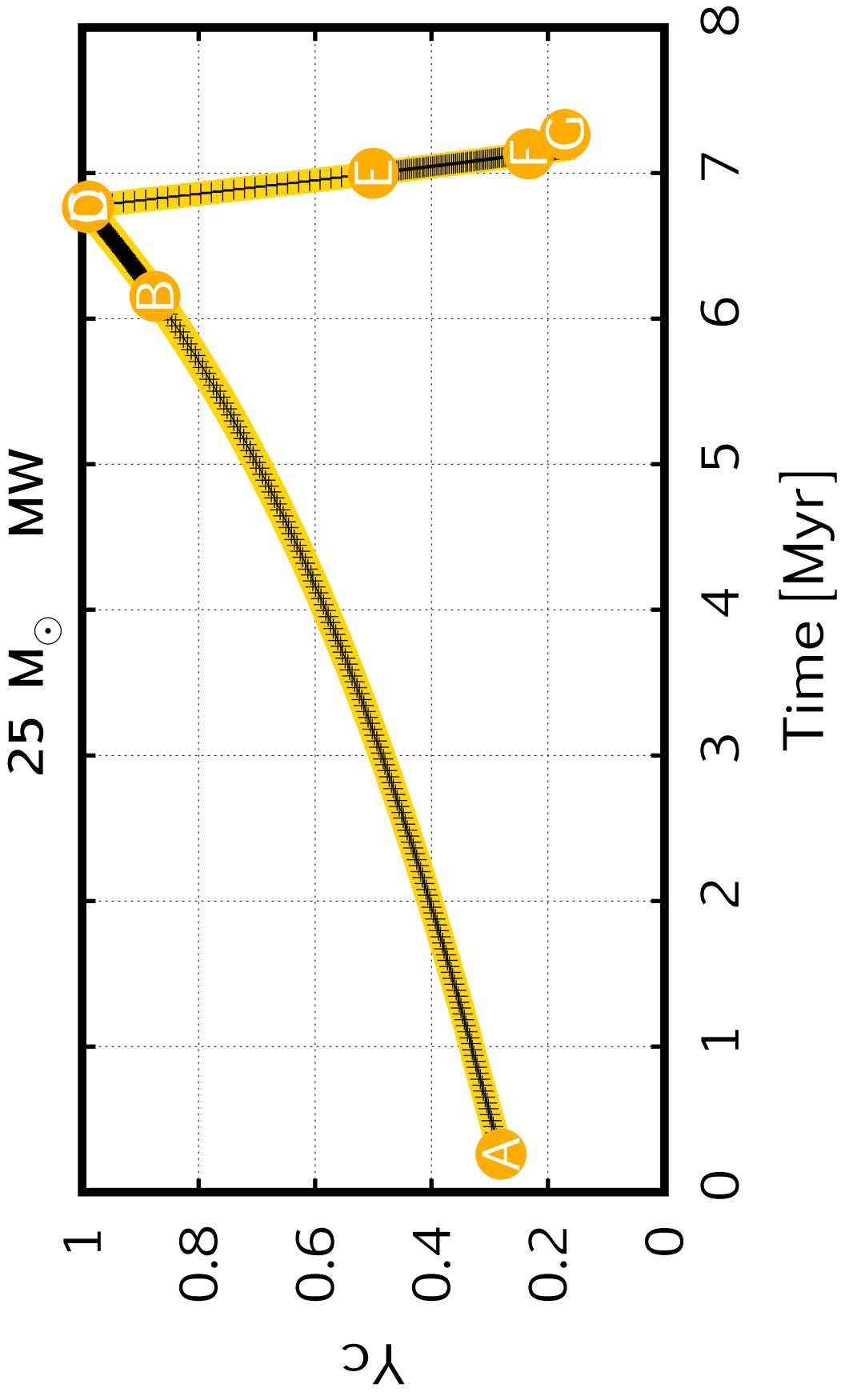
3.4

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



25  $M_{\odot}$  MW





25 M<sub>⊙</sub> MW

700

600

line number

500

400

300

200

100

0

BoOST: A 0 B 151 C 252 D 403 E 429 F 505 G 606

MIST: A 202 B 353 C 454 D 605 E 631 F 707 G 808

Total number of lines  
in filtered model: 606 / 808

0

1

2

3

4

5

6

7

8

Time [Myr]

