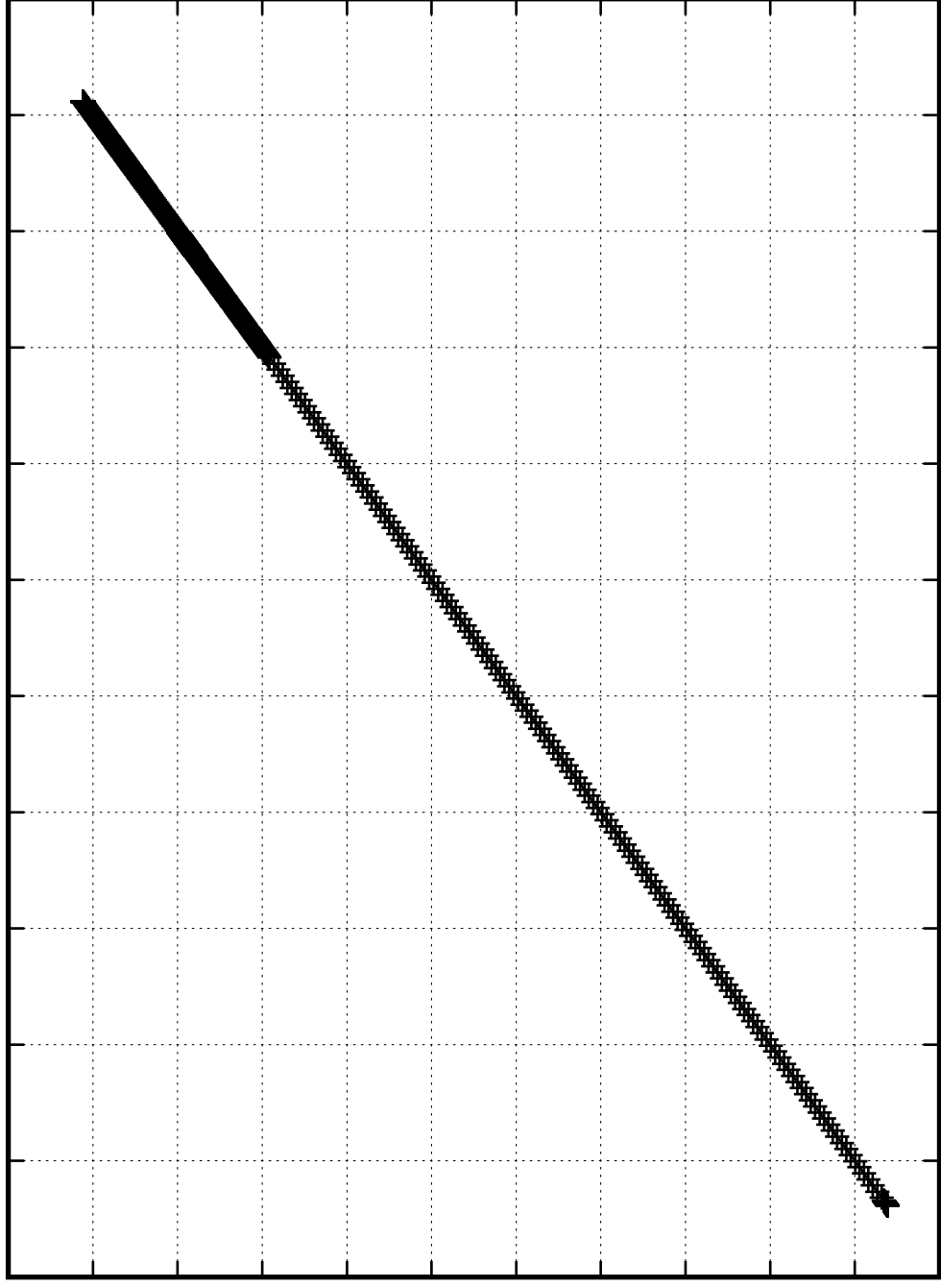


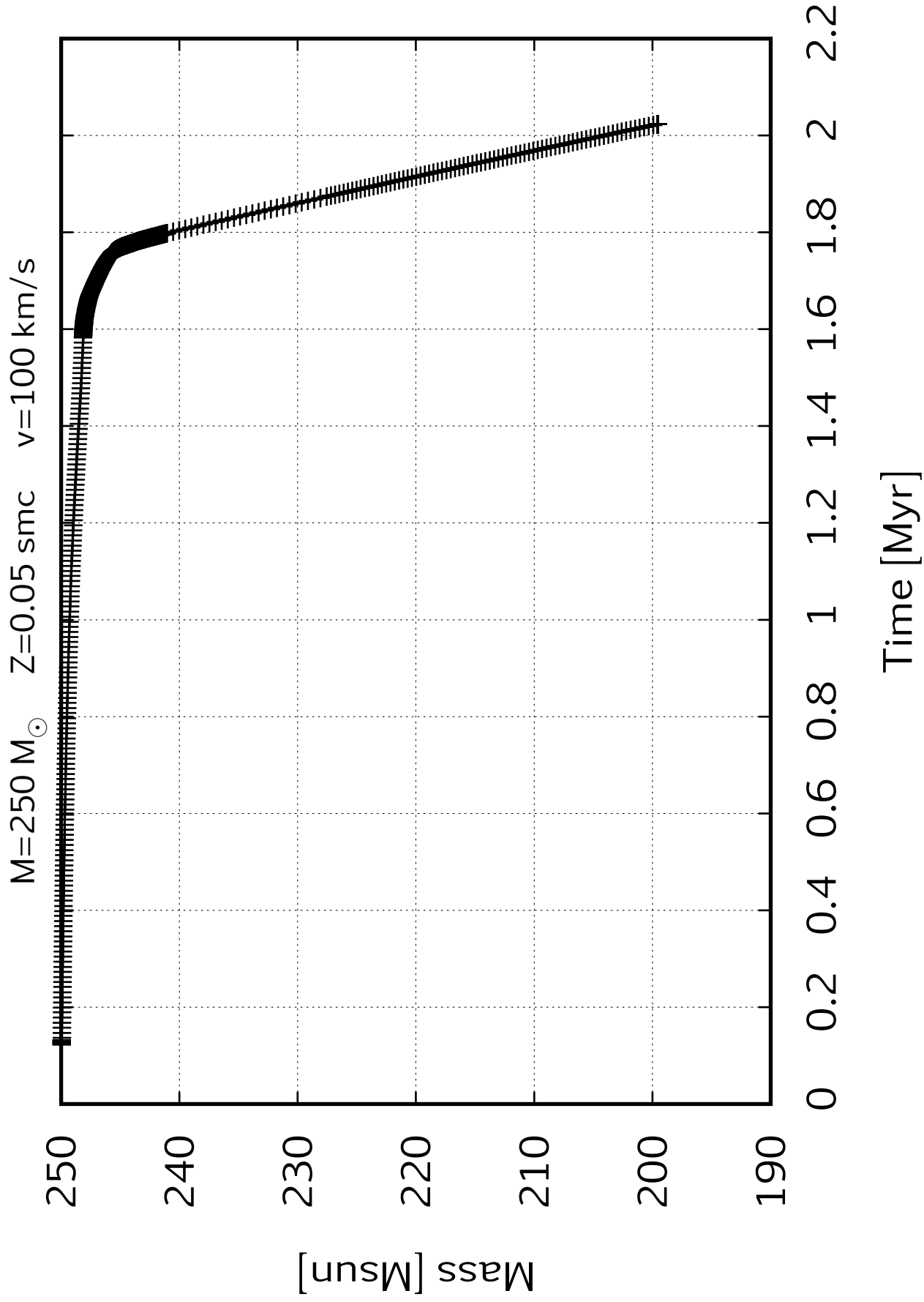
$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

$t$  [yr]

$2.2 \times 10^6$   
 $2 \times 10^6$   
 $1.8 \times 10^6$   
 $1.6 \times 10^6$   
 $1.4 \times 10^6$   
 $1.2 \times 10^6$   
 $1 \times 10^6$   
800000  
600000  
400000  
200000  
0



Time [Myr]



$M=250\ M_{\odot}$     $Z=0.05\ \text{smc}$     $v=100\ \text{km/s}$

70000

60000

50000

40000

30000

20000

10000

0

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

0

0.2

0.4

0.6

0.8

1

1.2

1.4

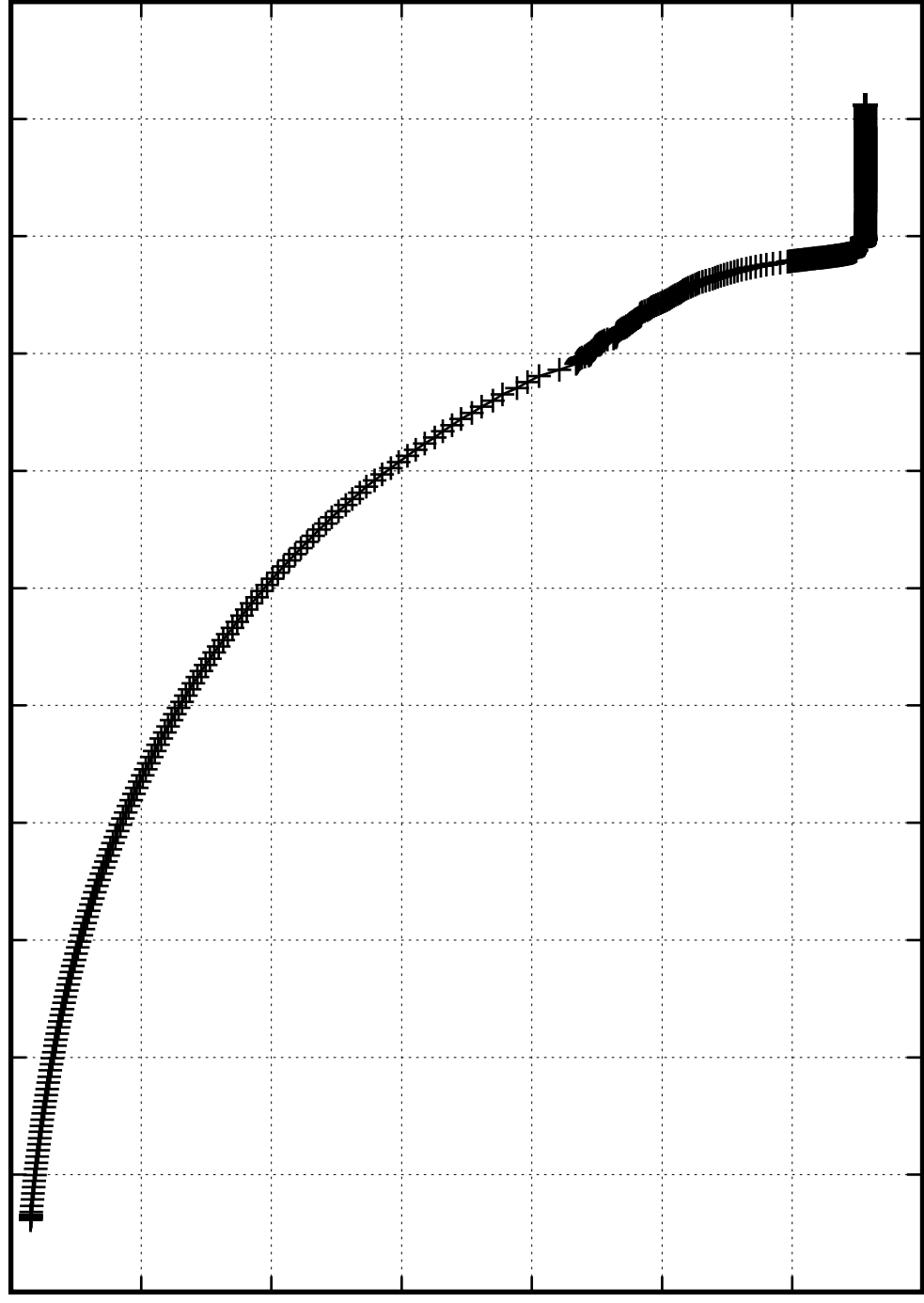
1.6

1.8

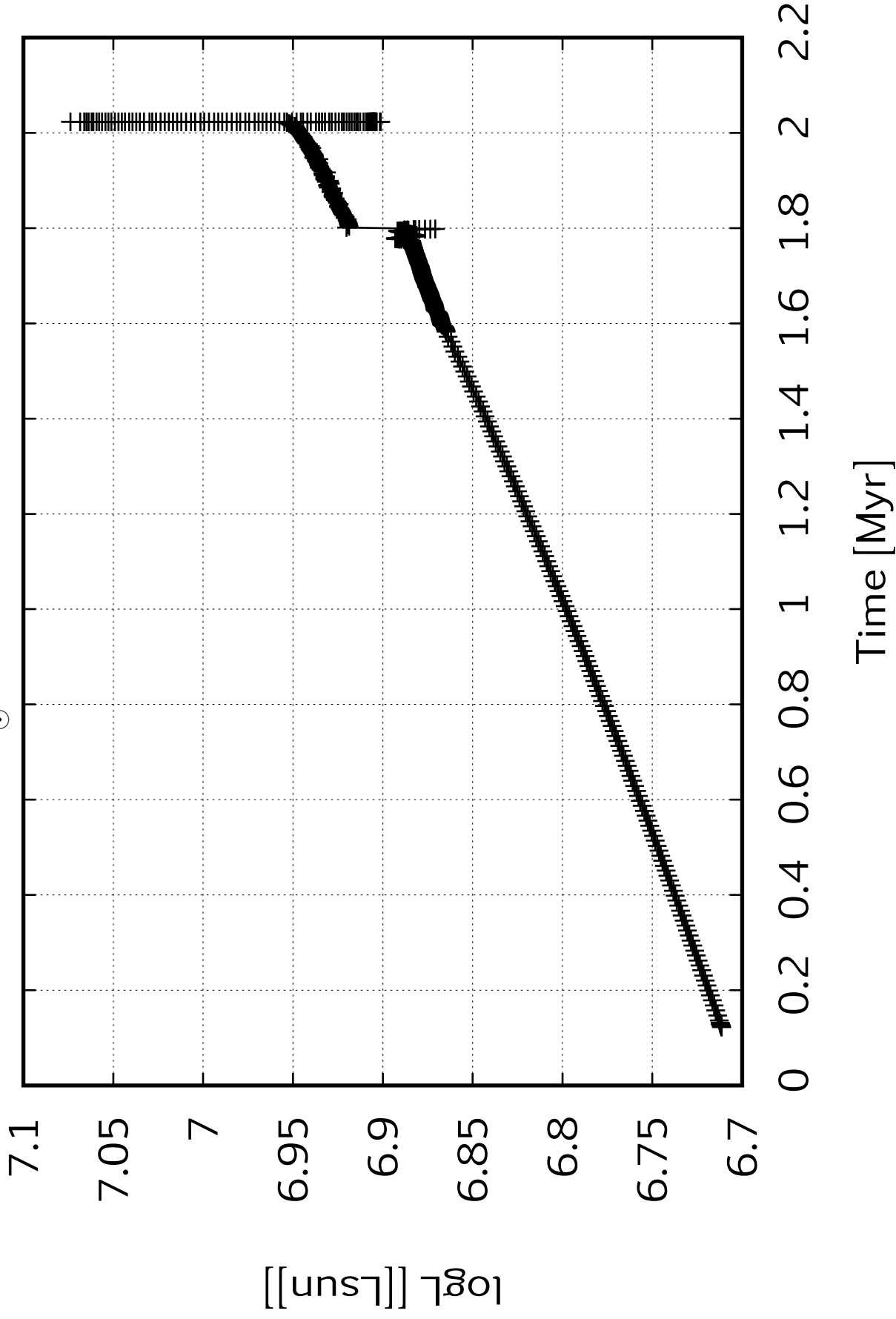
2

2.2

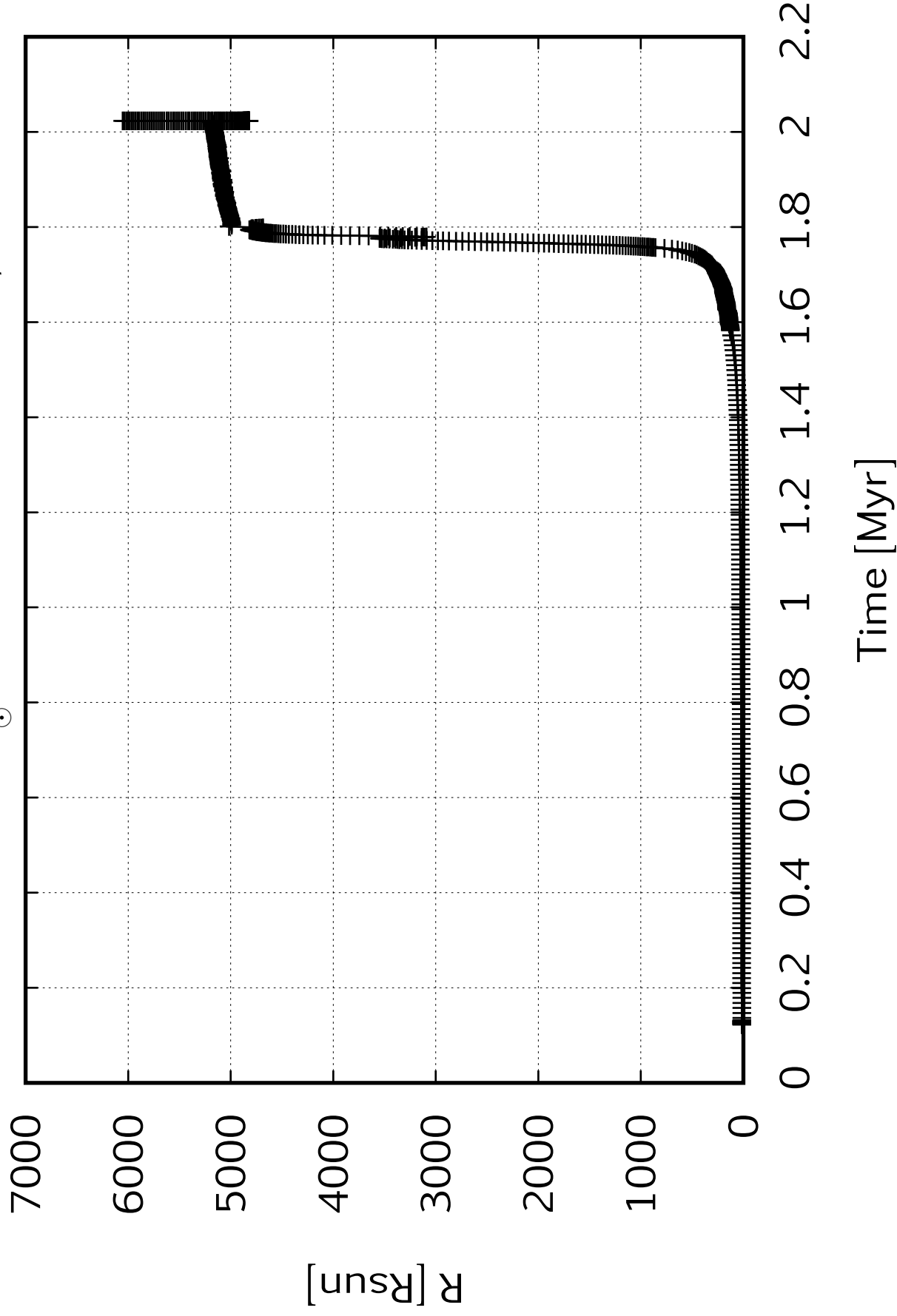
Time [Myr]

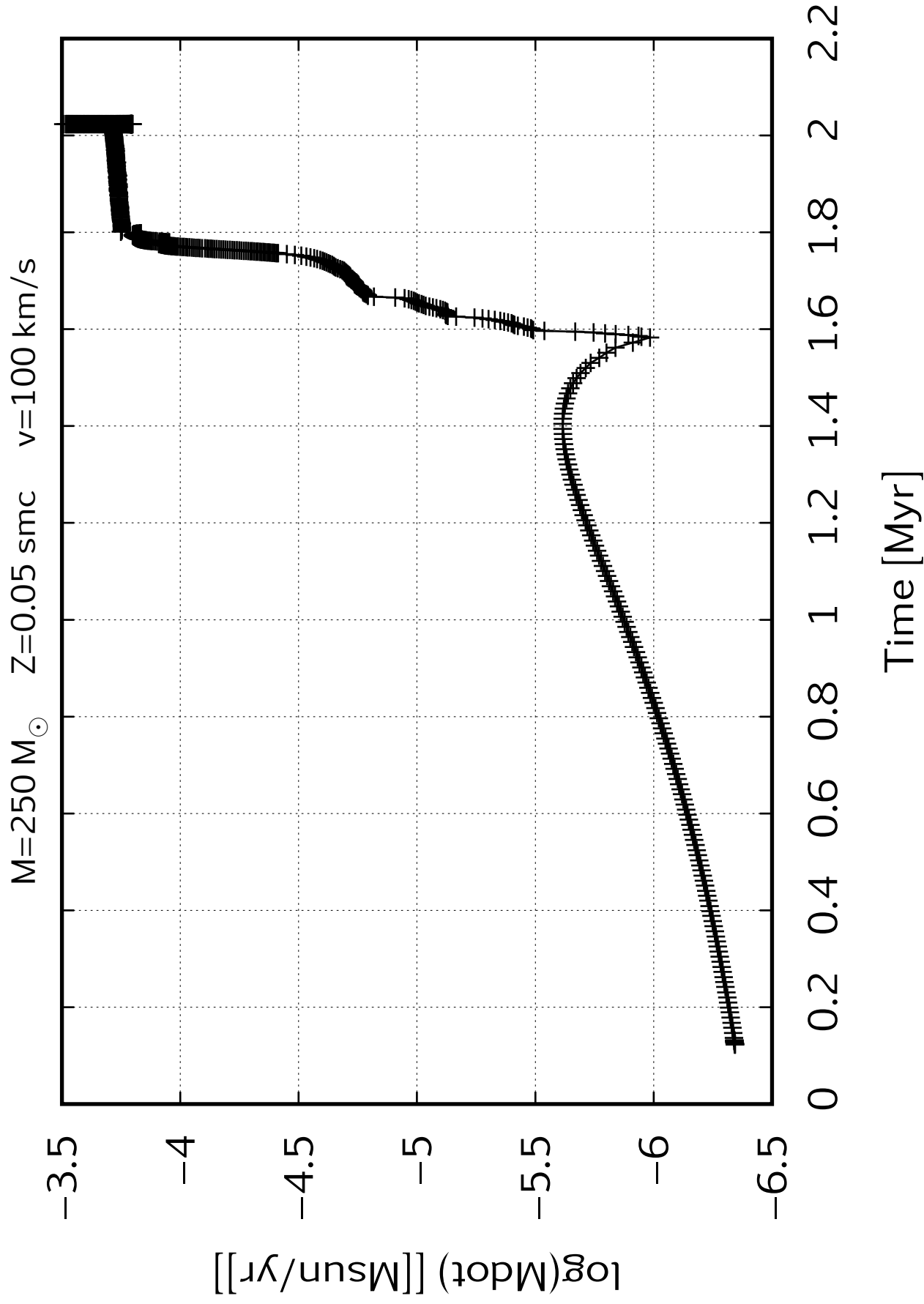


$M=250\,M_{\odot}$     $Z=0.05\,\text{smc}$     $v=100\,\text{km/s}$

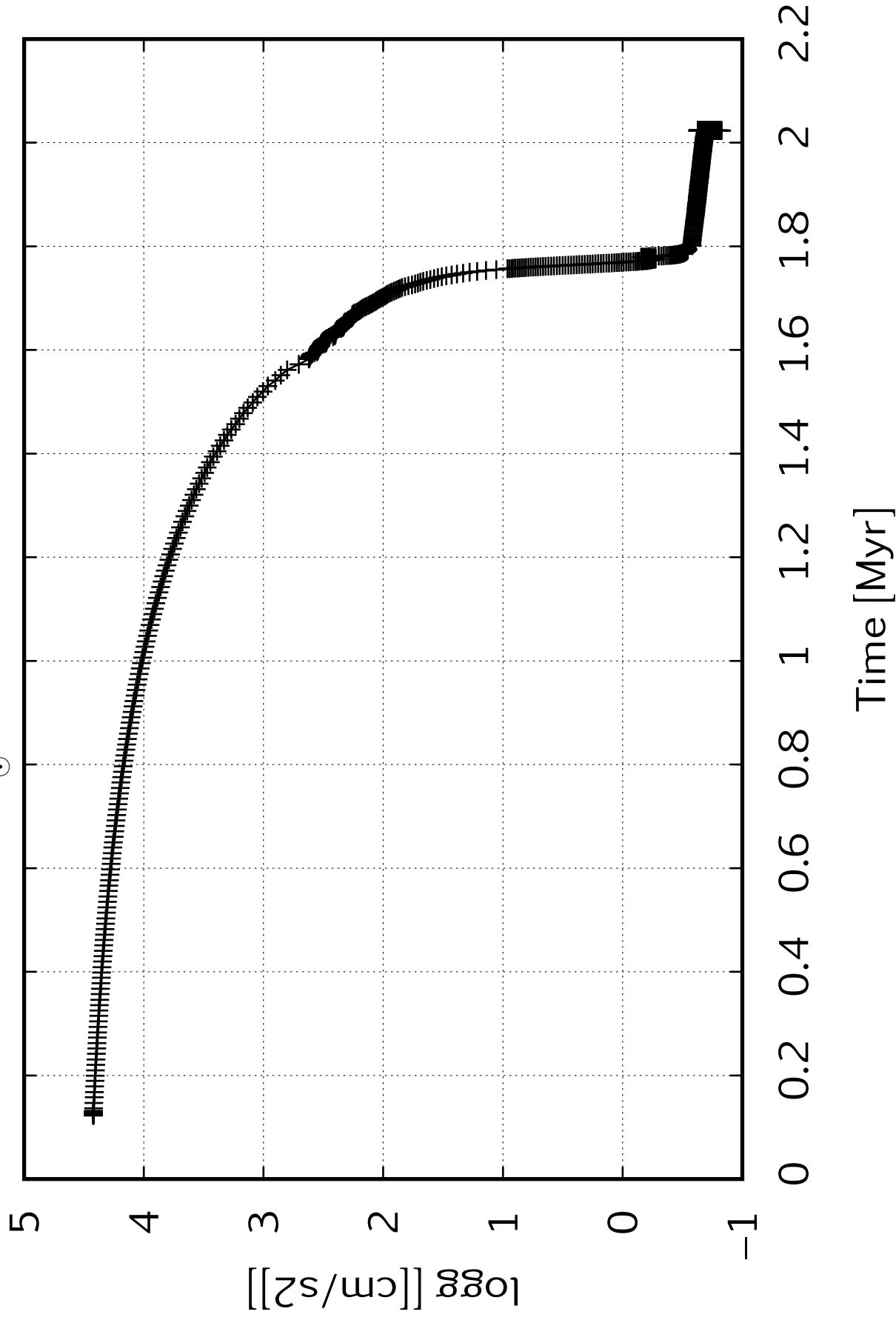


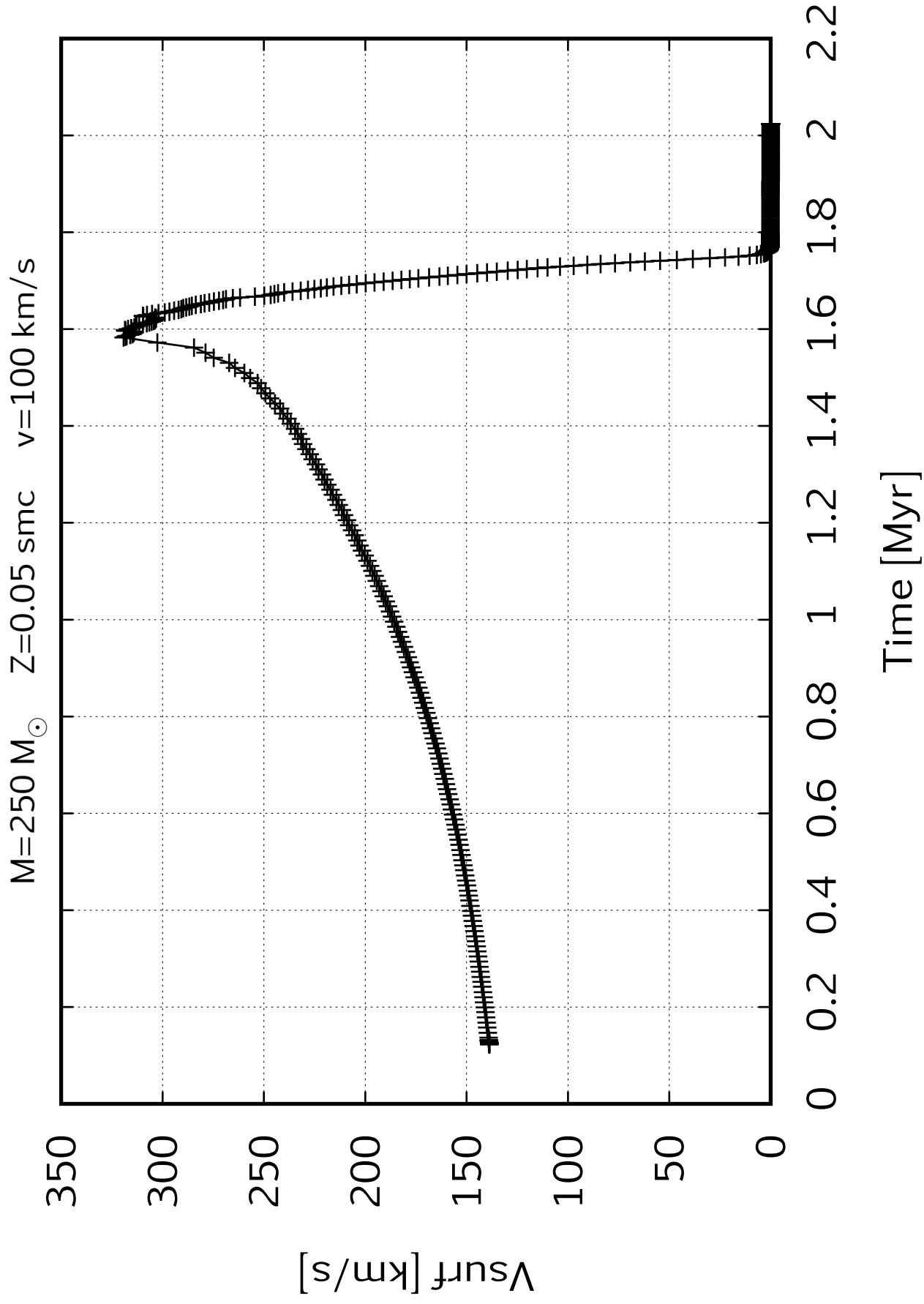
$M=250\,M_{\odot}$     $Z=0.05\,\text{smc}$     $v=100\,\text{km/s}$



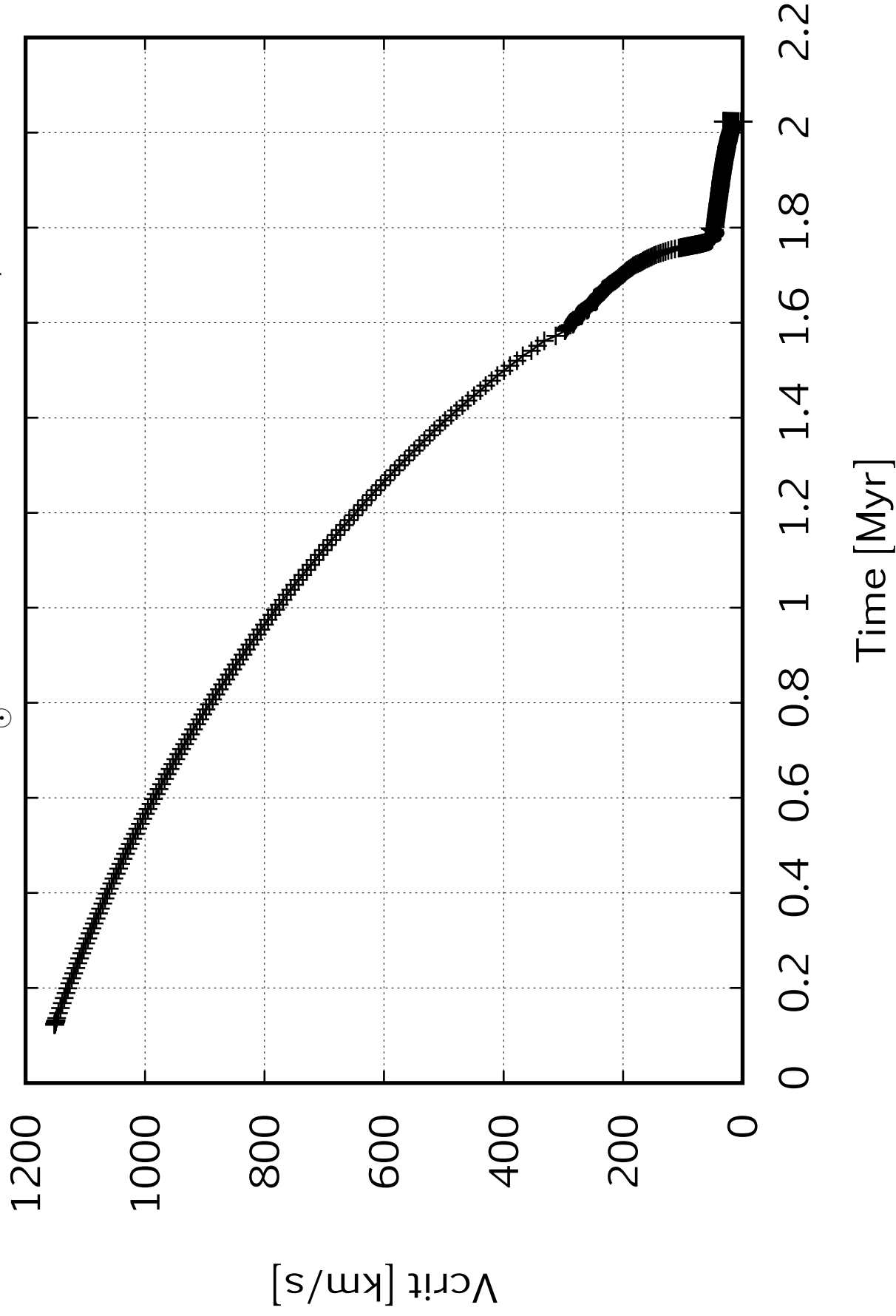


$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

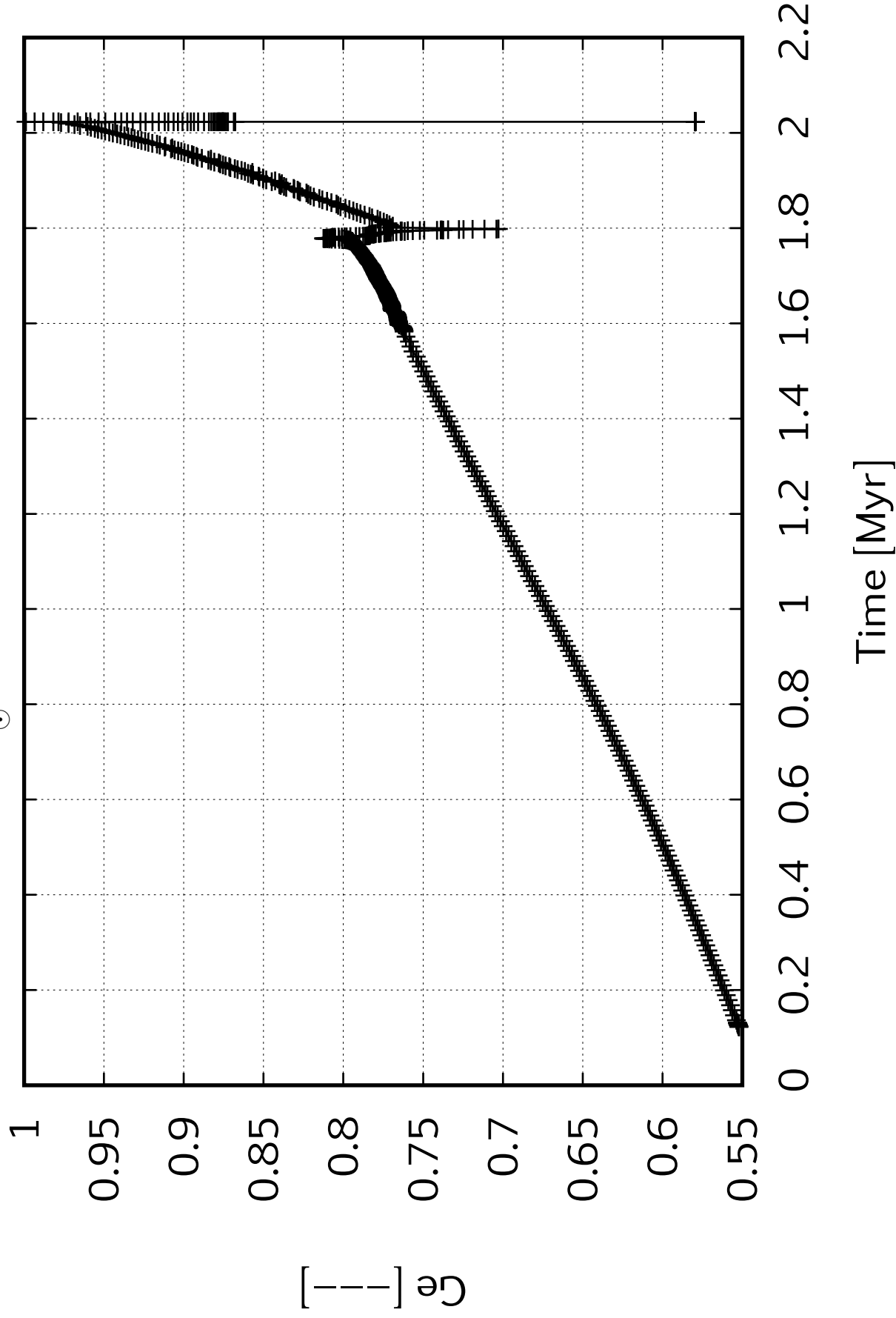




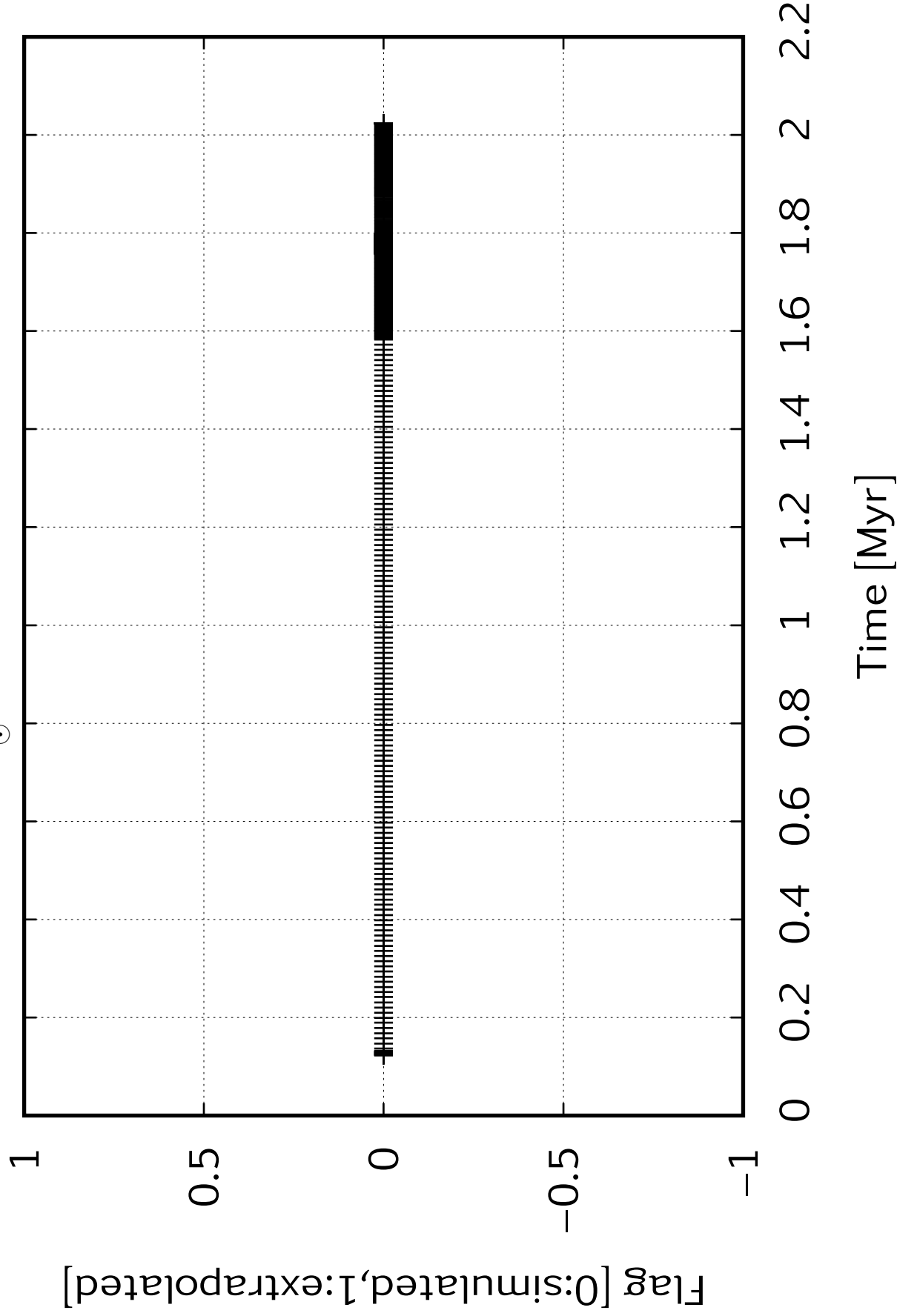
$M=250 M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s



$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s



$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s



$M=250\ M_{\odot}$     $Z=0.05\ \text{smc}$     $v=100\ \text{km/s}$

12.15

12.1

12.05

12

11.95

11.9

11.85

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

0

0.2

0.4

0.6

0.8

1

1.2

1.4

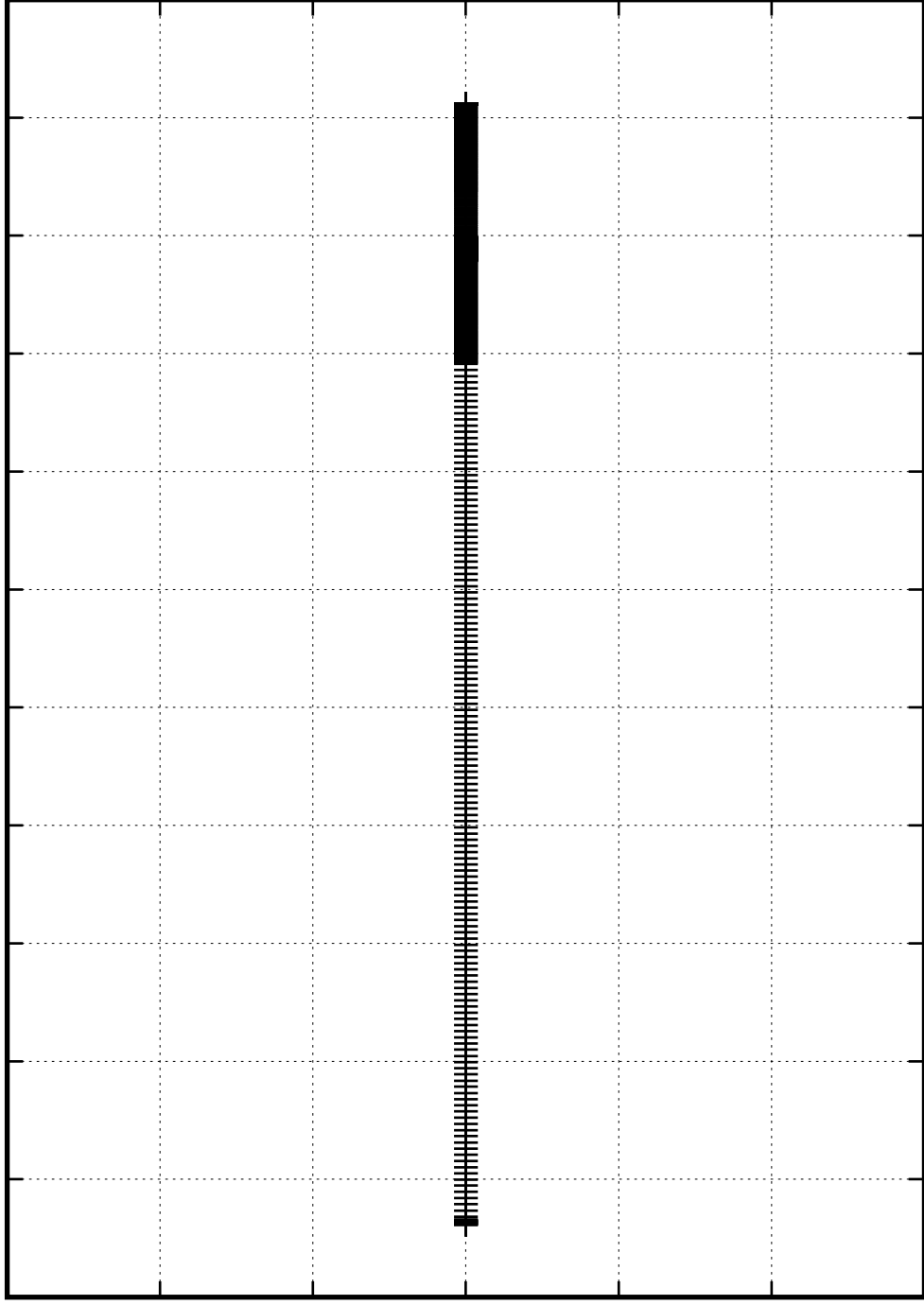
1.6

1.8

2

2.2

Time [Myr]



$M=250\,M_{\odot}$     $Z=0.05\,\text{smc}$     $v=100\,\text{km/s}$

11.6

11.5

11.4

11.3

11.2

11.1

11

10.9

$[\text{He}]$

0

0.2

0.4

0.6

0.8

1

1.2

1.4

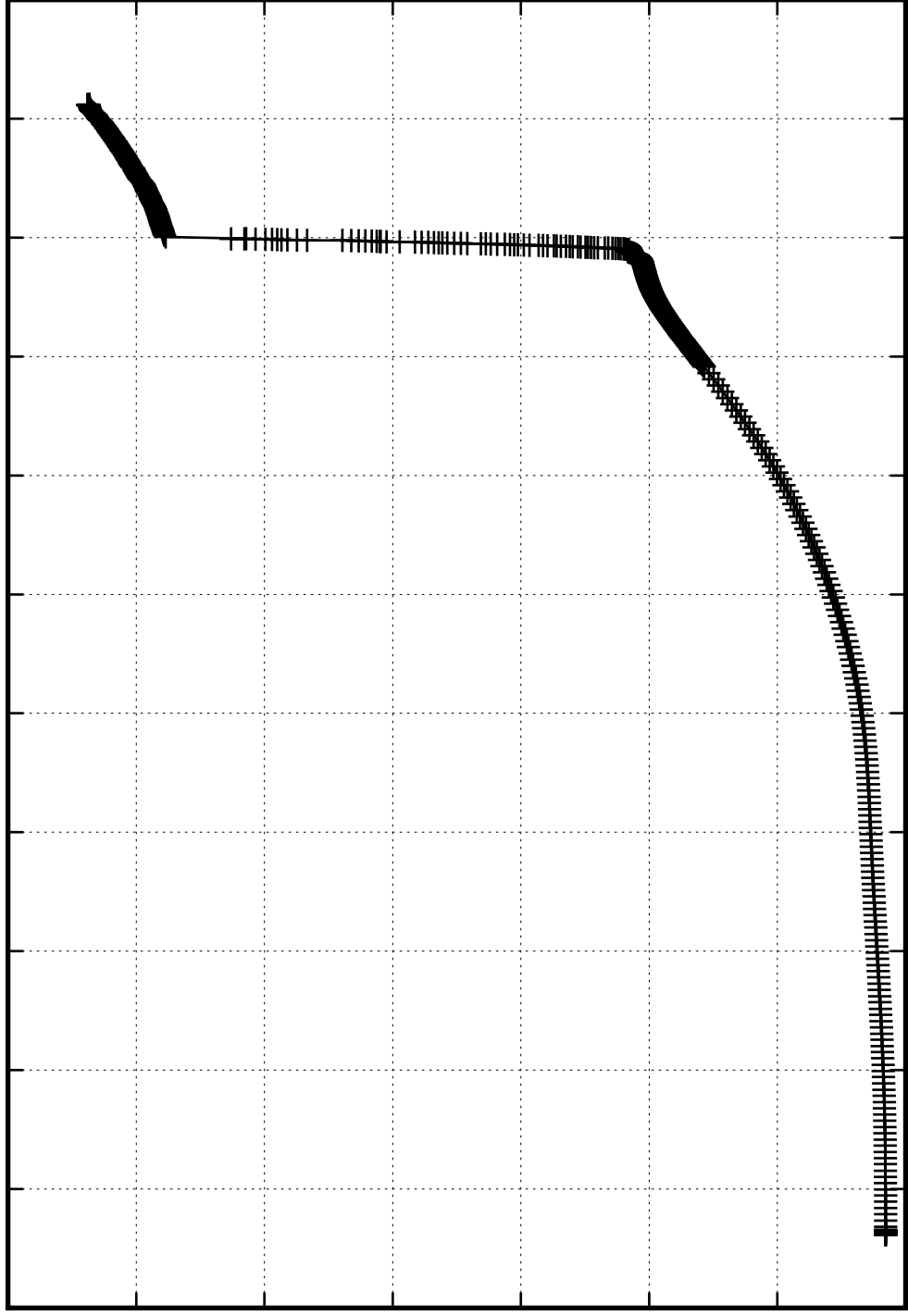
1.6

1.8

2

2.2

Time [Myr]



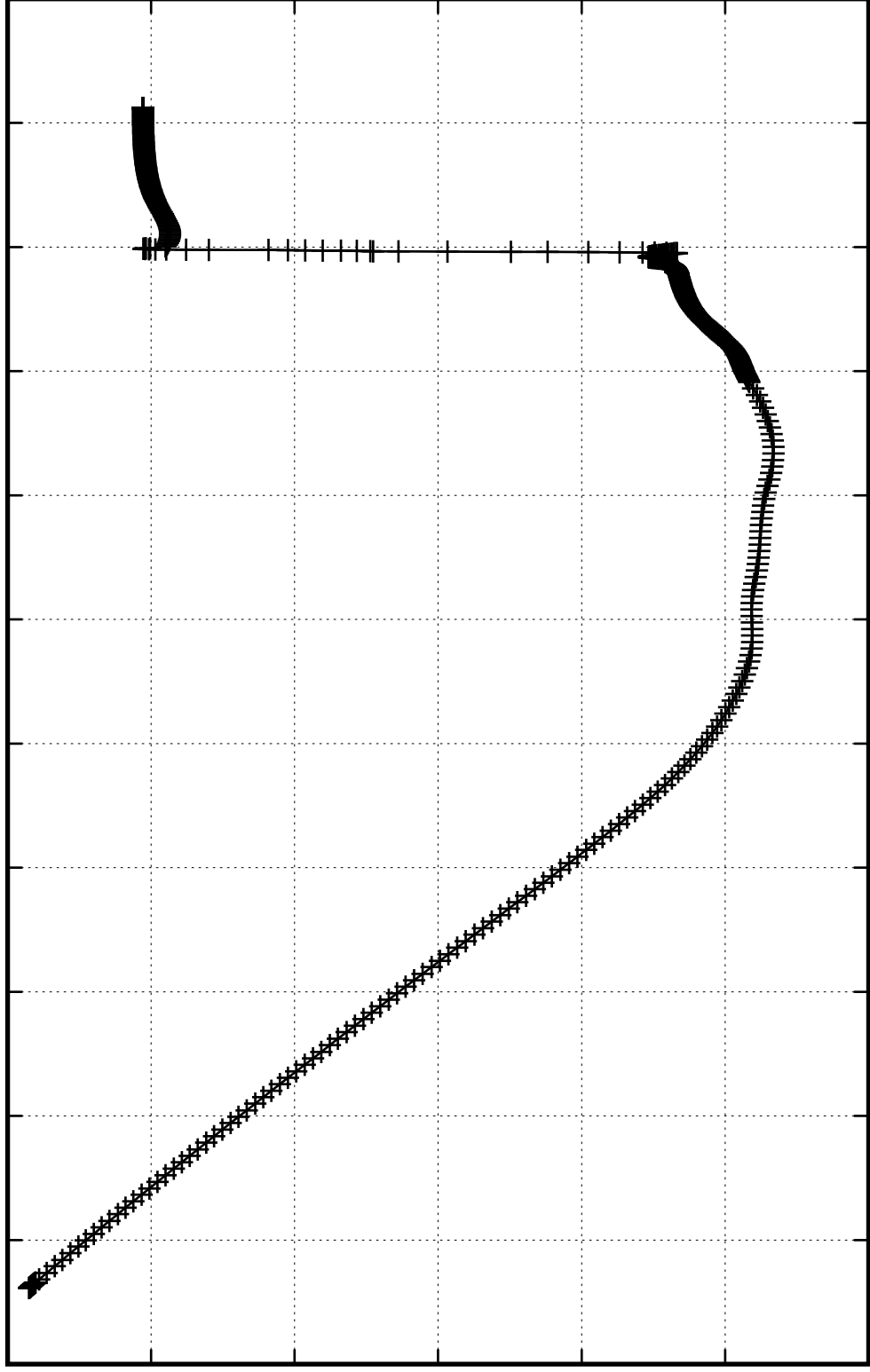
$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

1  
0  
-1  
-2  
-3  
-4  
-5

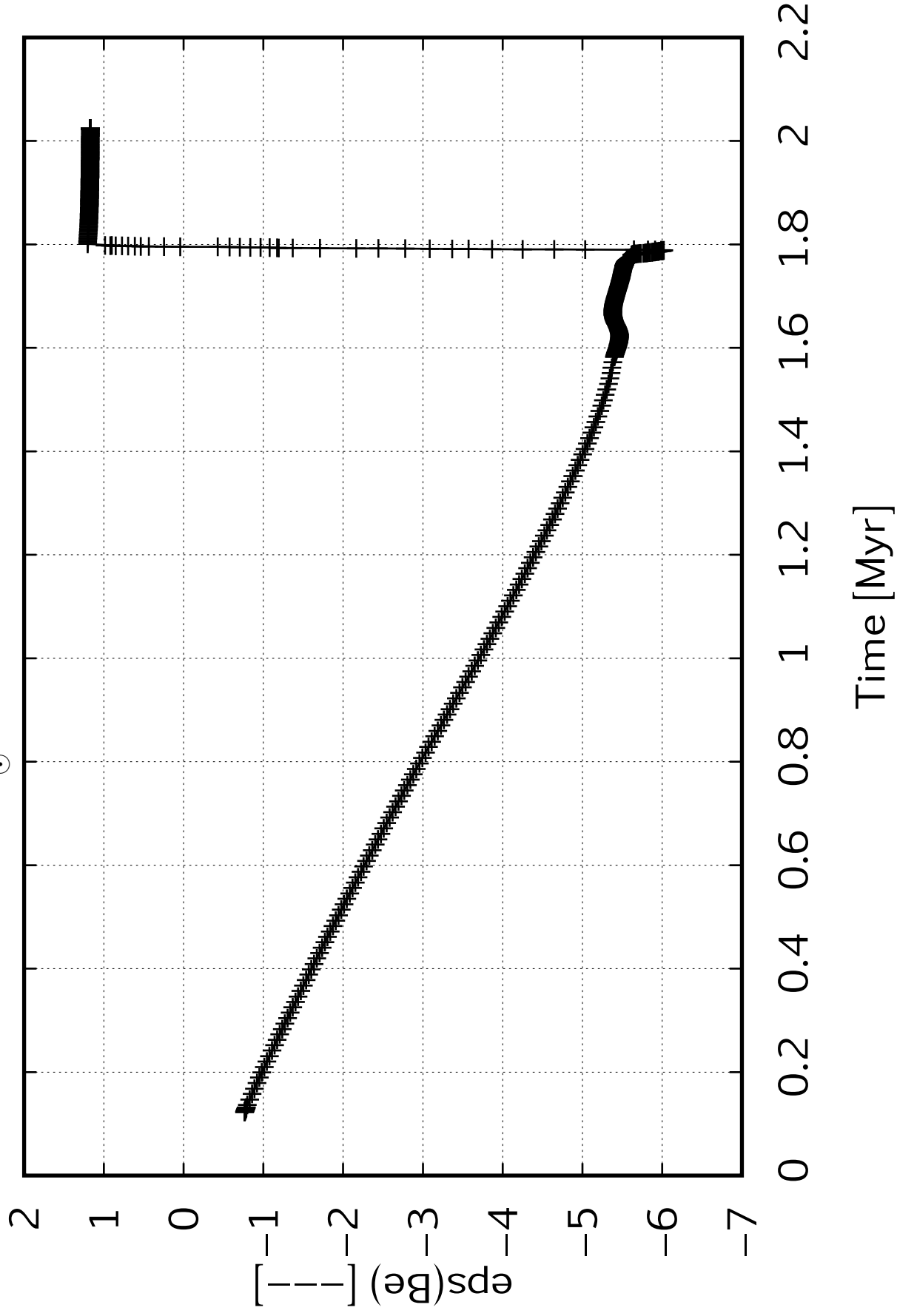
eps(Li) [—]

0   0.2   0.4   0.6   0.8   1   1.2   1.4   1.6   1.8   2   2.2

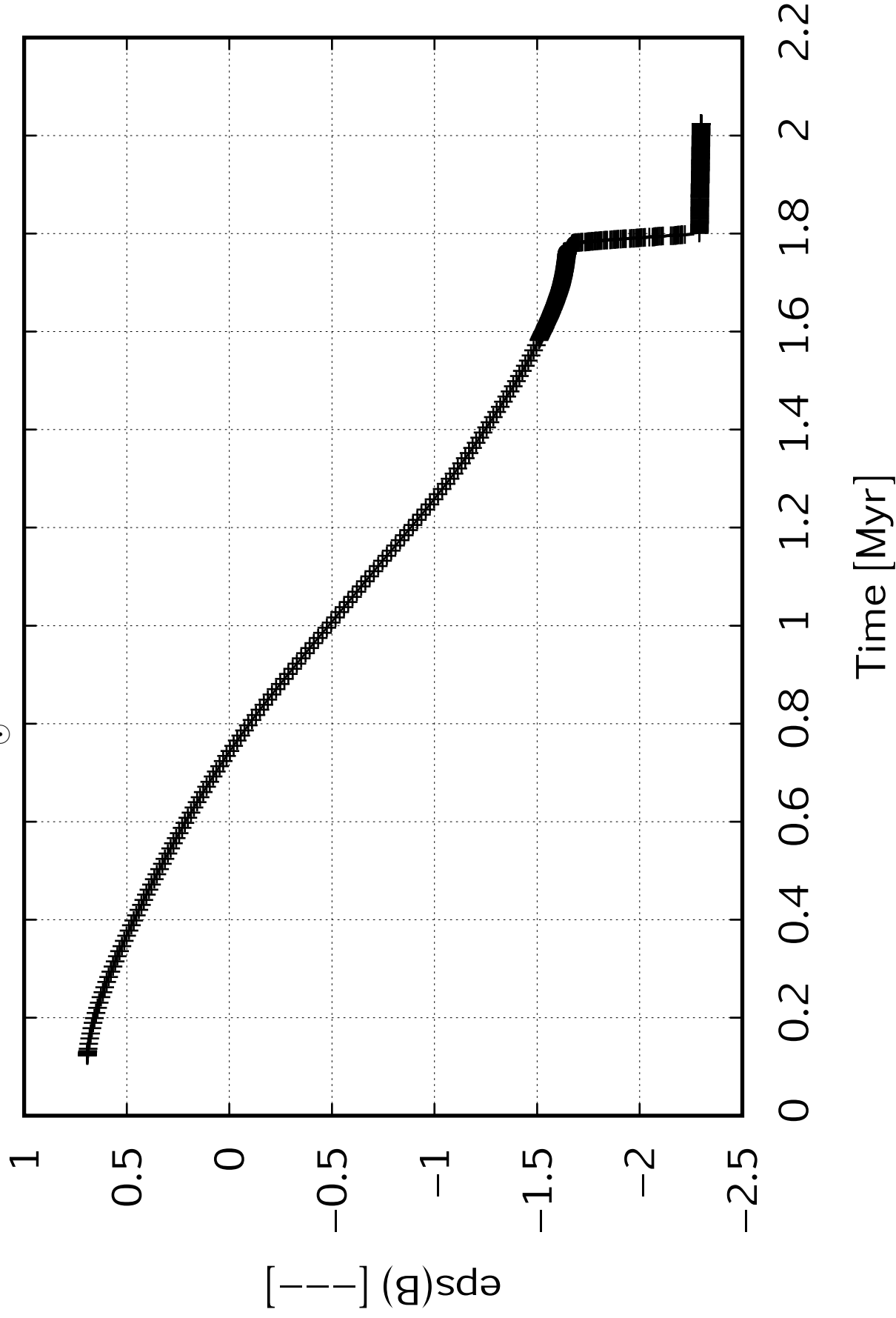
Time [Myr]



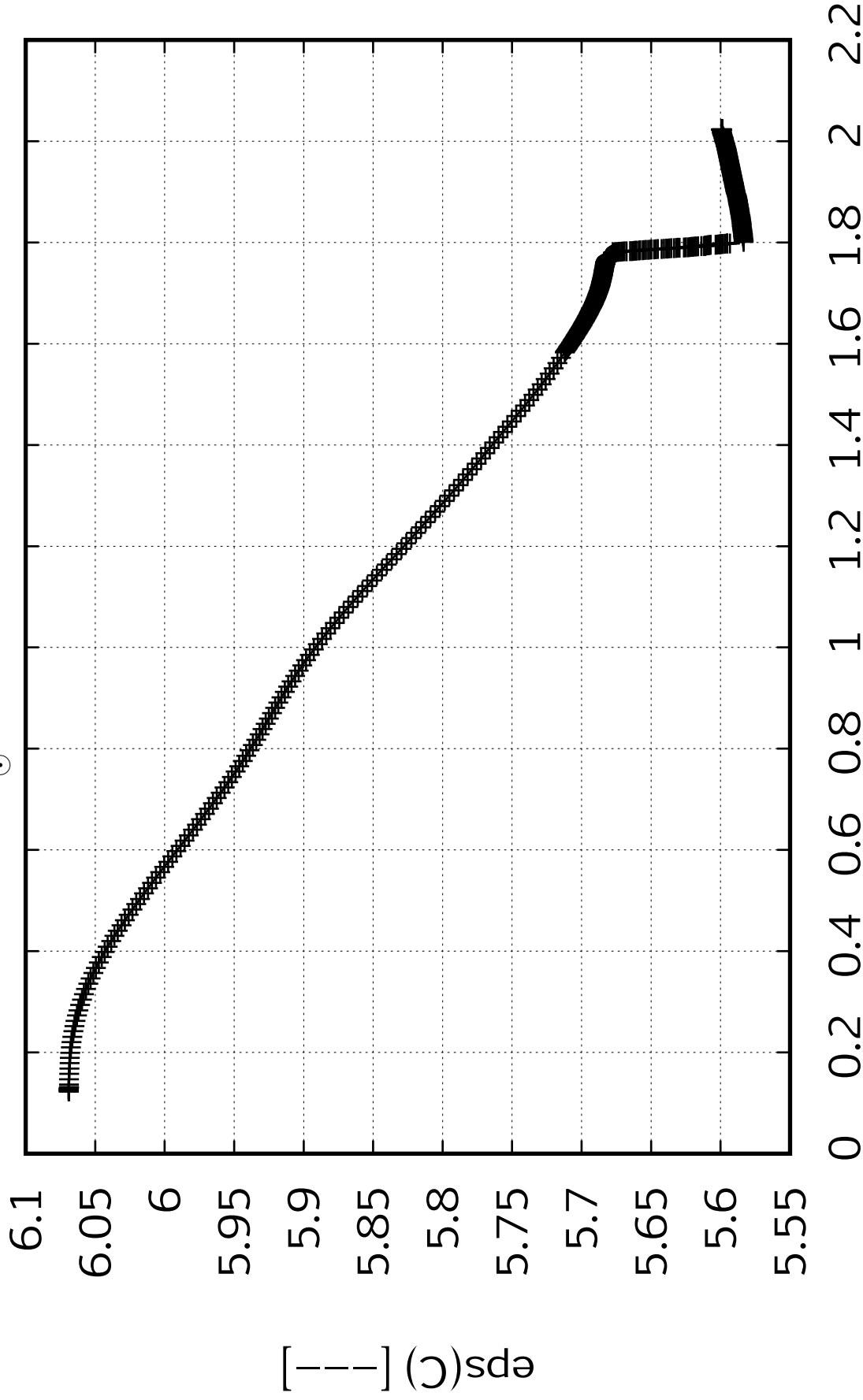
$M=250\ M_{\odot}$     $Z=0.05\ \text{smc}$     $v=100\ \text{km/s}$



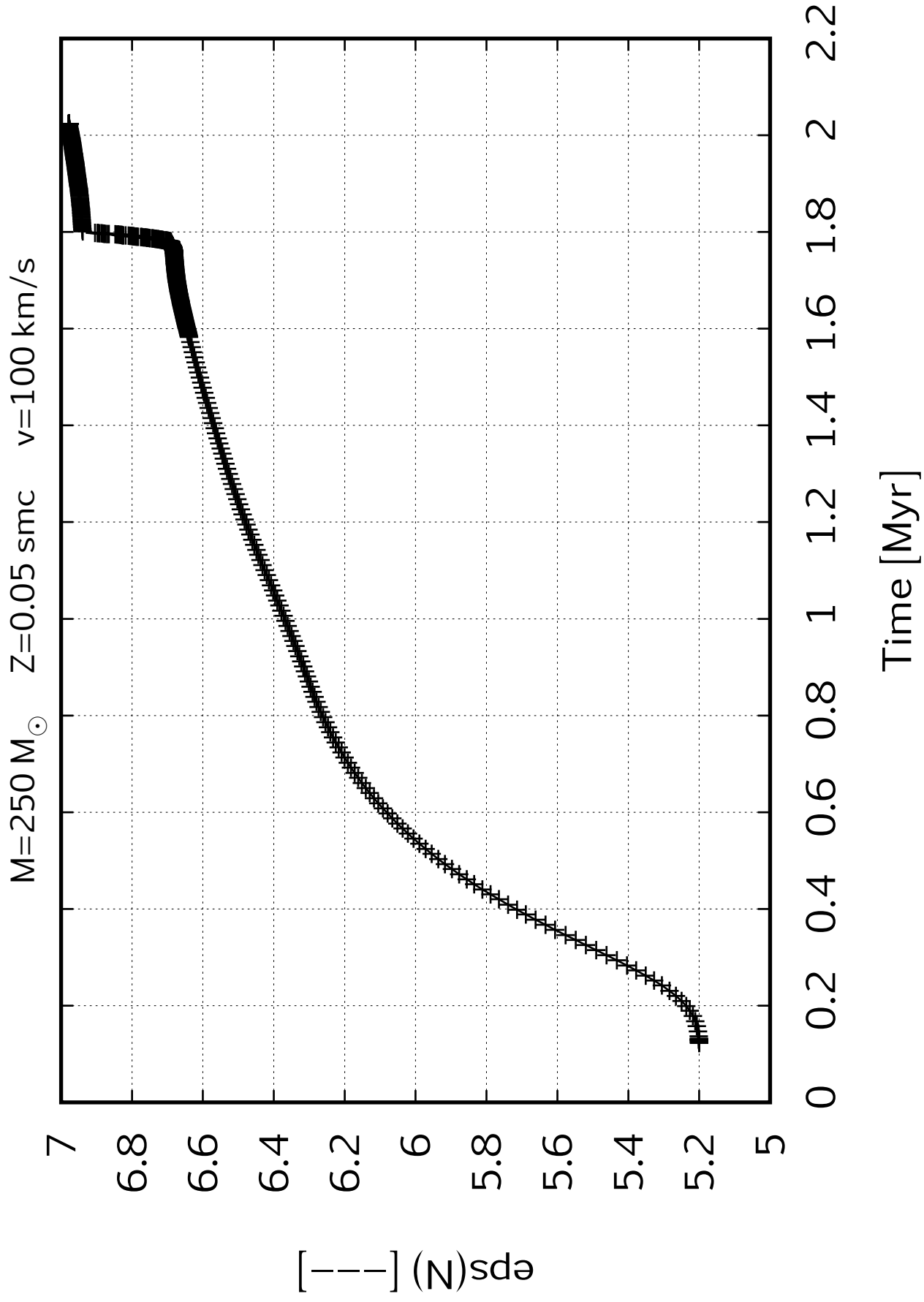
$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

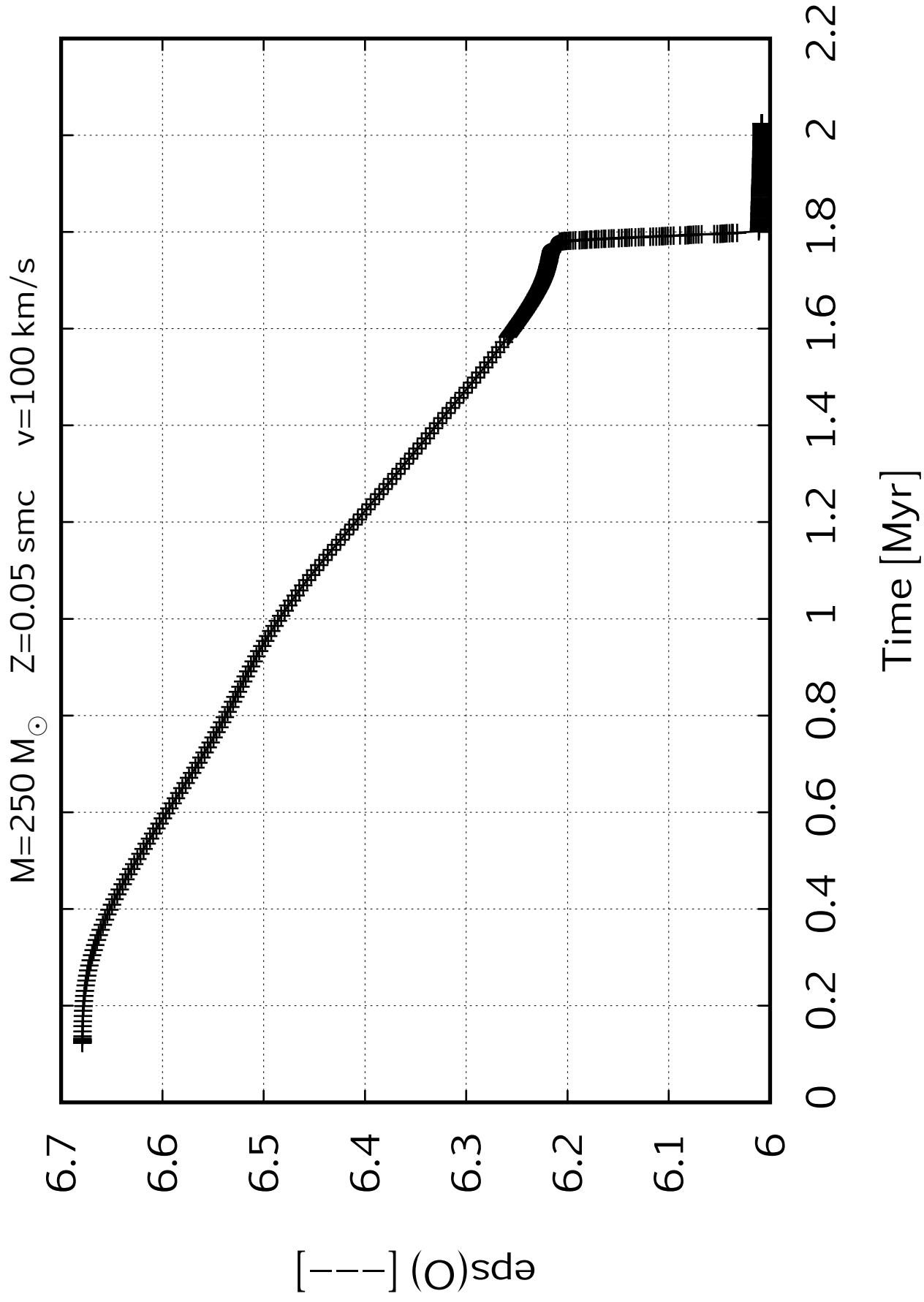


$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

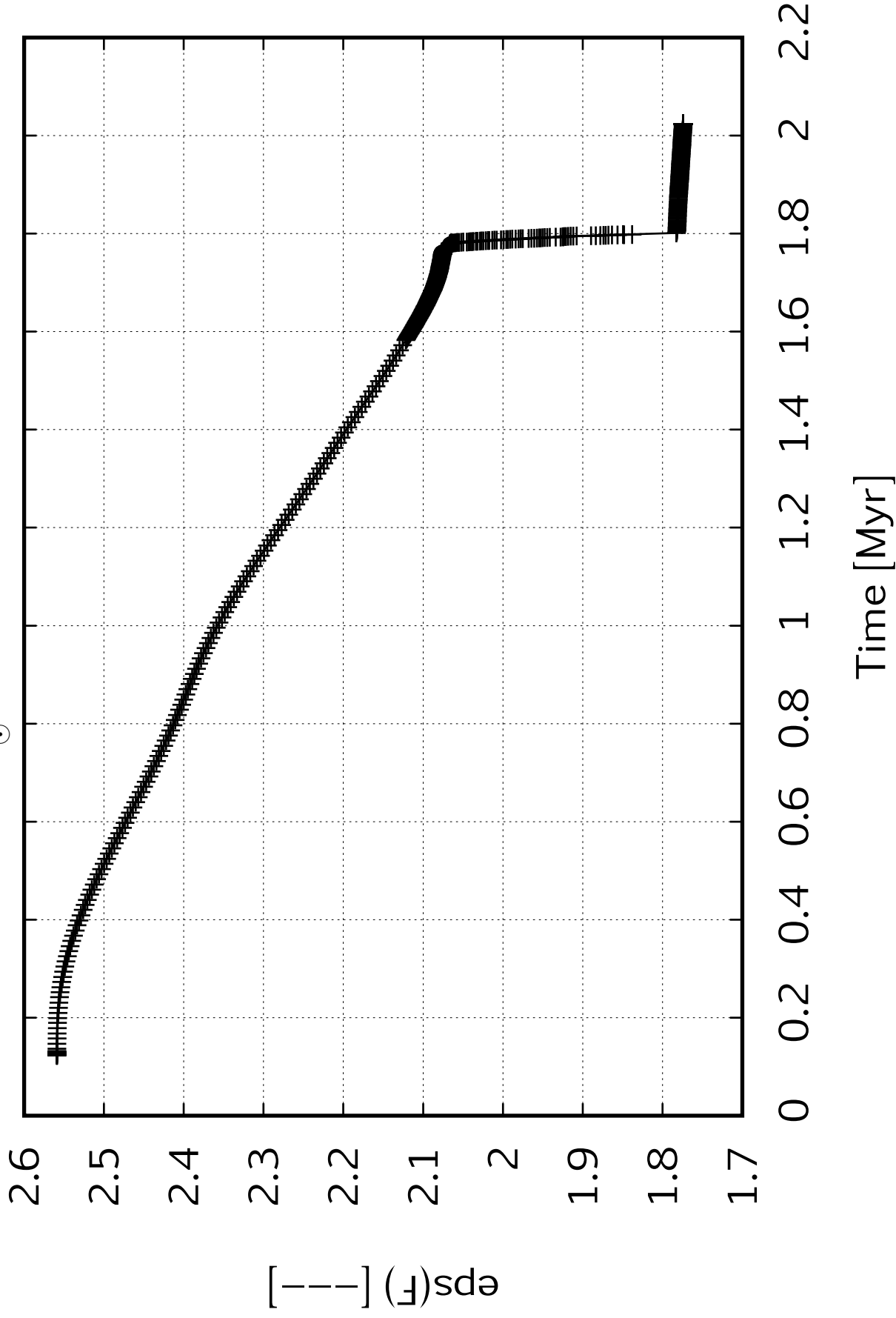


Time [Myr]





$M=250\,M_{\odot}$     $Z=0.05\,\text{smc}$     $v=100\,\text{km/s}$



$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

6

5.98

5.96

5.94

5.92

5.9

5.88

5.86

5.84

5.82

5.8

5.78

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

0

0.2

0.4

0.6

0.8

1

1.2

1.4

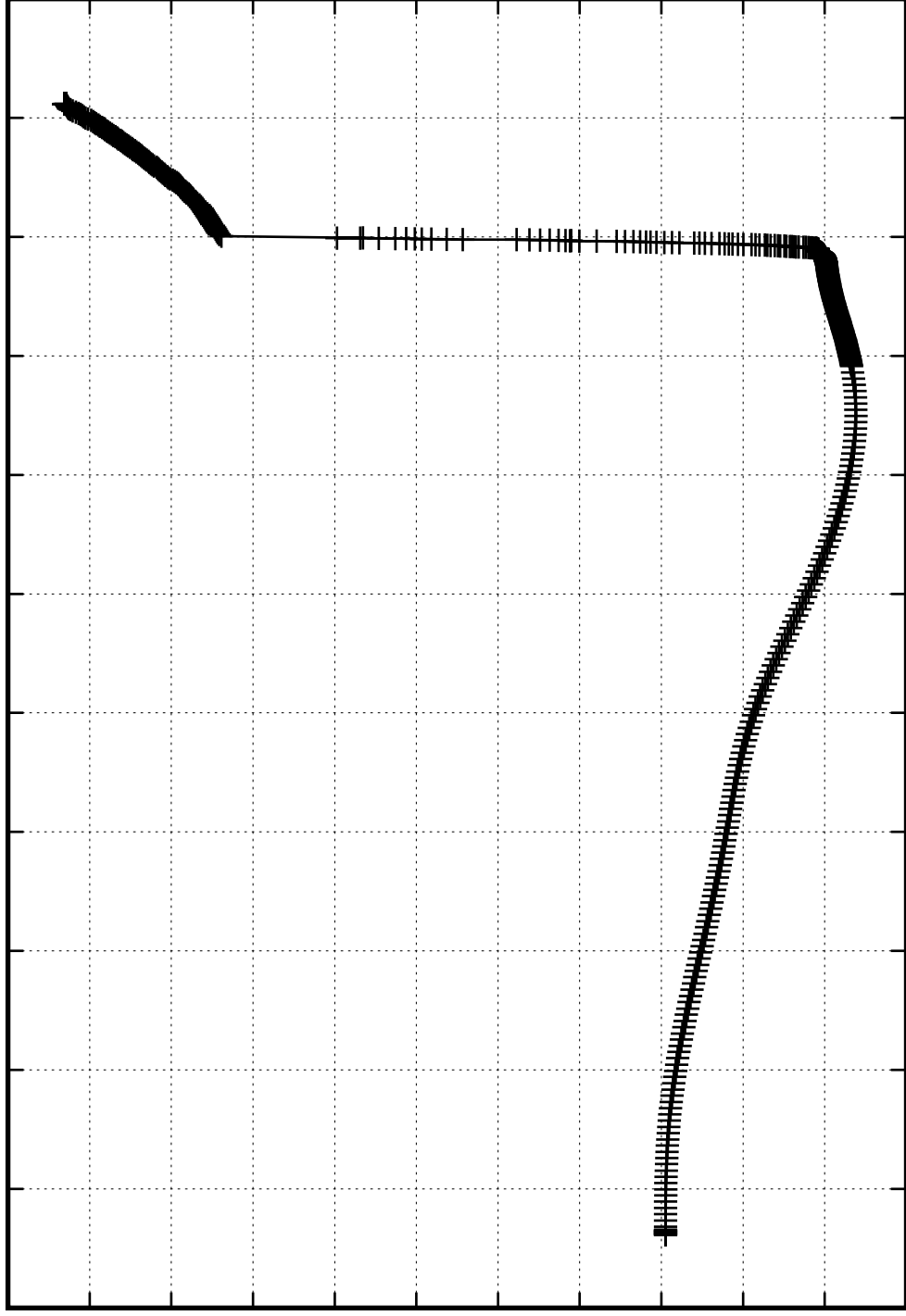
1.6

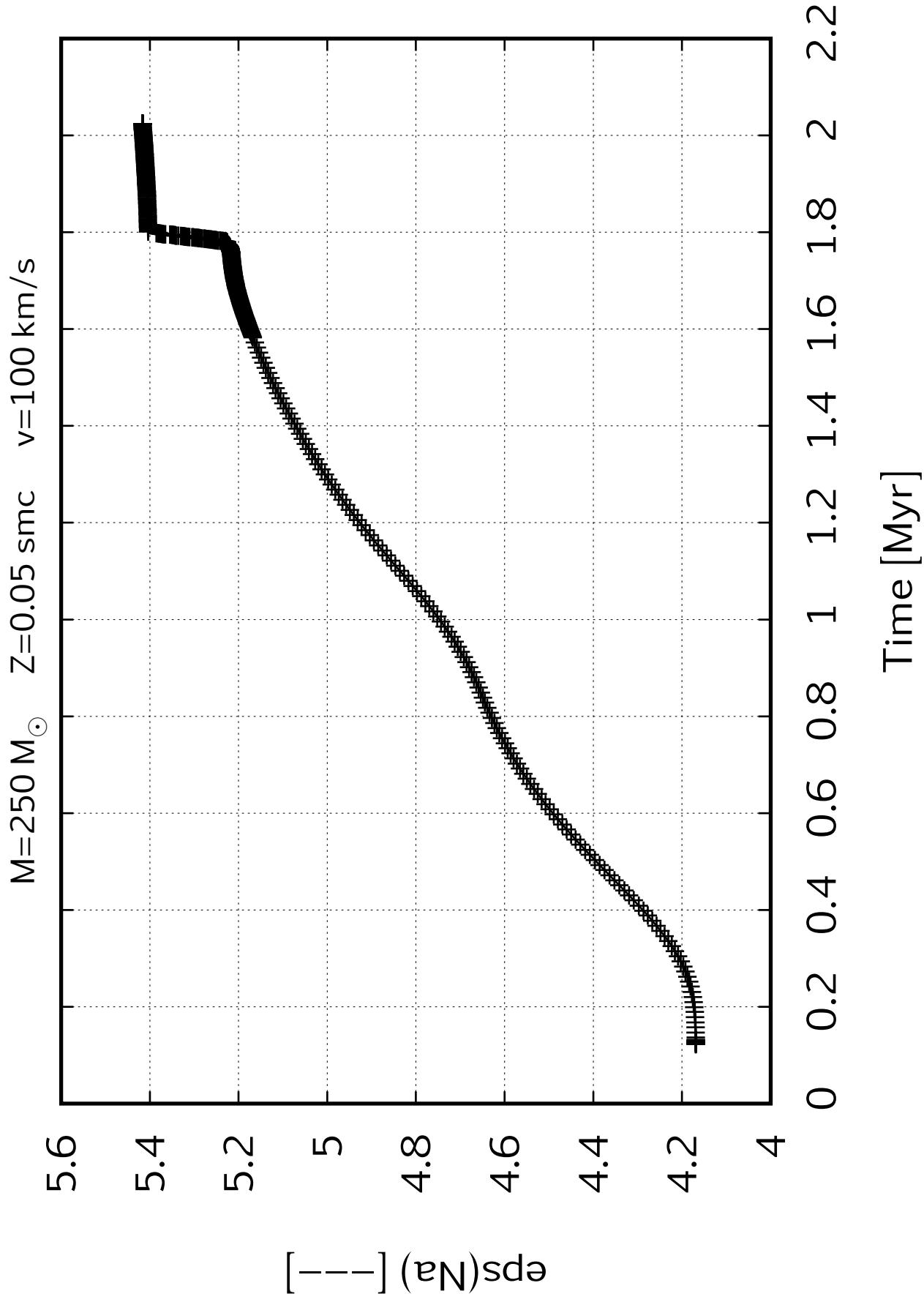
1.8

2

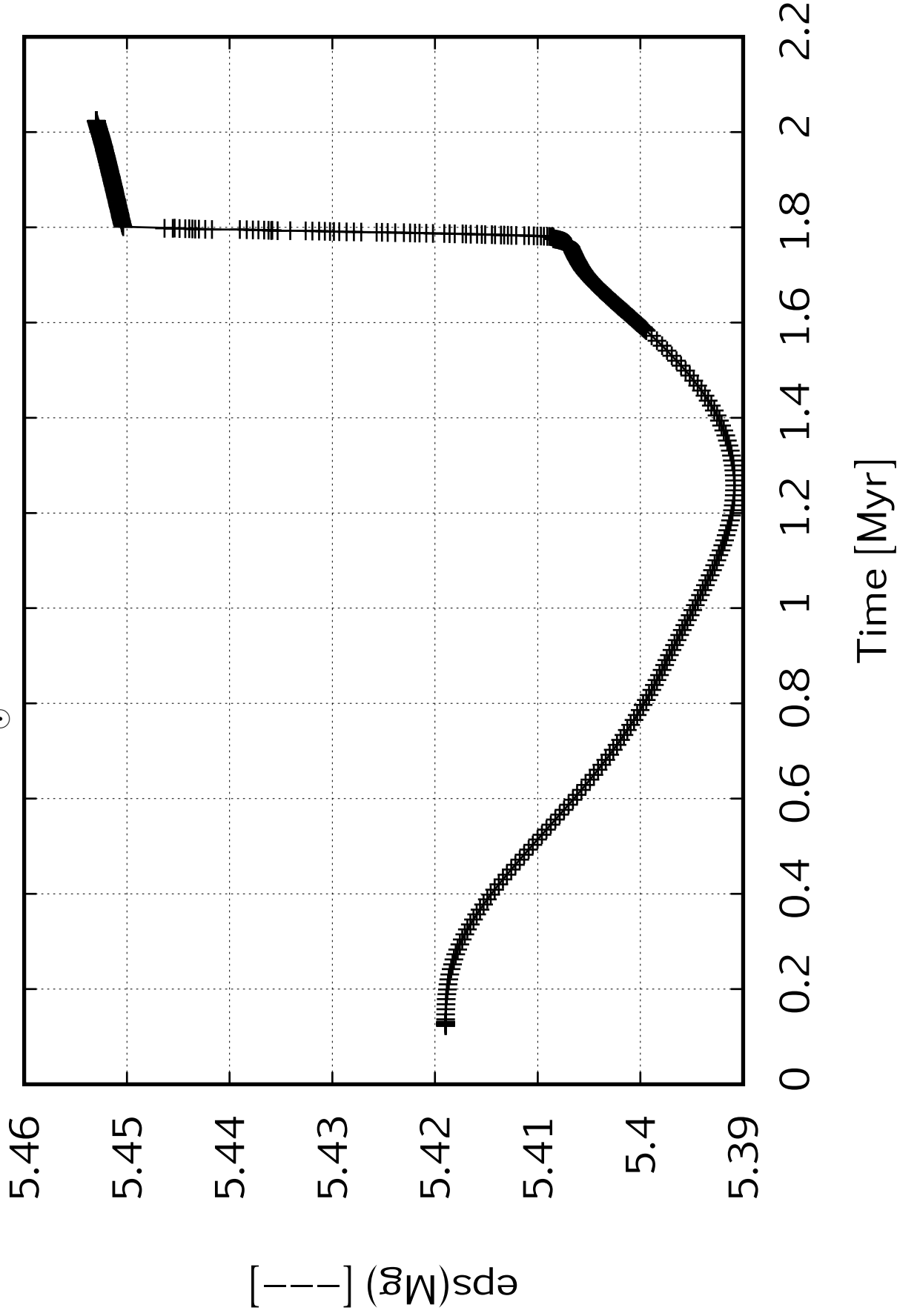
2.2

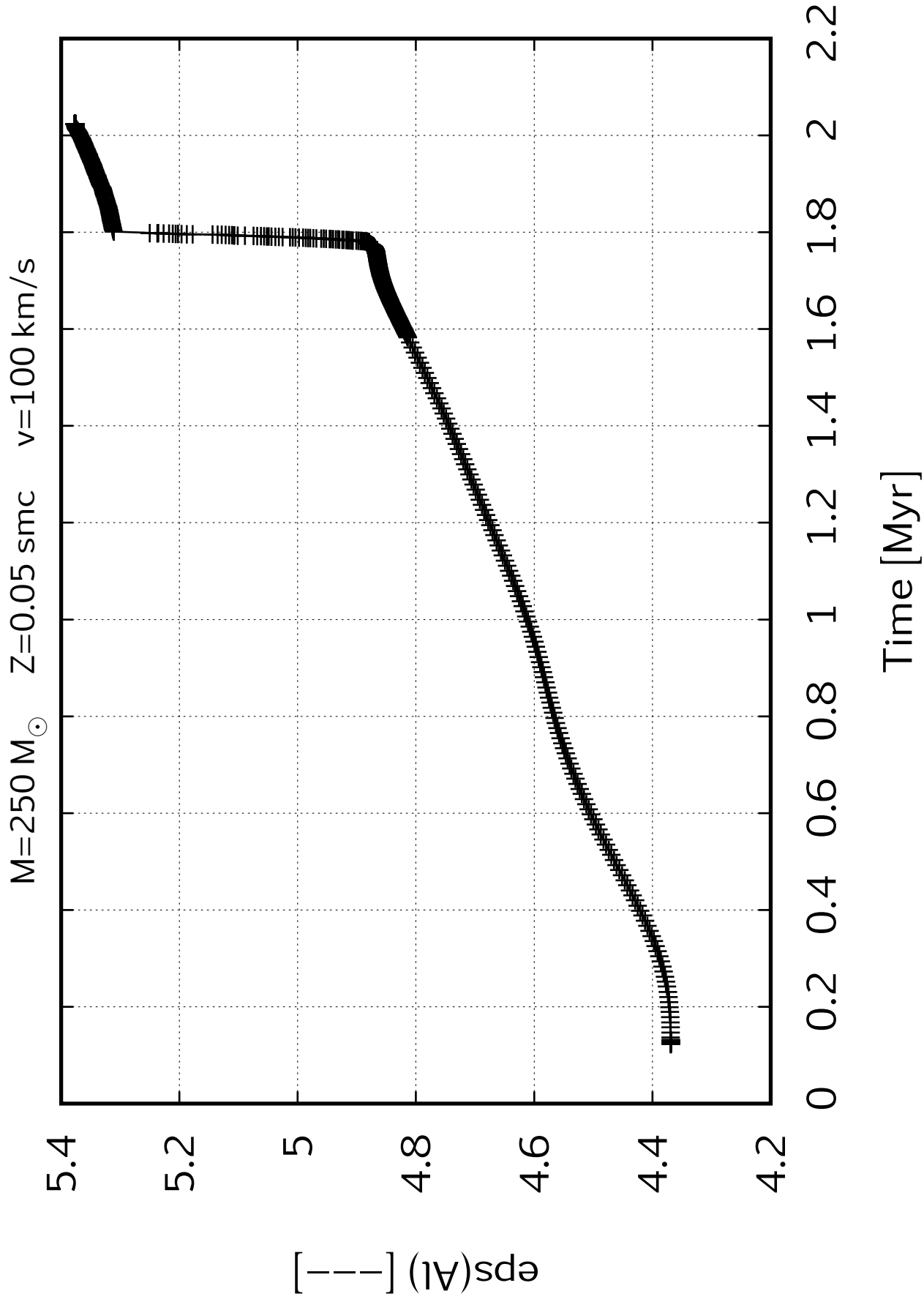
Time [Myr]





$M=250\text{ M}_{\odot}$     $Z=0.05\text{ smc}$     $v=100\text{ km/s}$





$M=250\ M_{\odot}$     $Z=0.05\ \text{smc}$     $v=100\ \text{km/s}$

161

160.5

160

159.5

159

158.5

158

157.5

He-core-size [ $M_{\text{sun}}$ ]

0

0.2

0.4

0.6

0.8

1

1.2

1.4

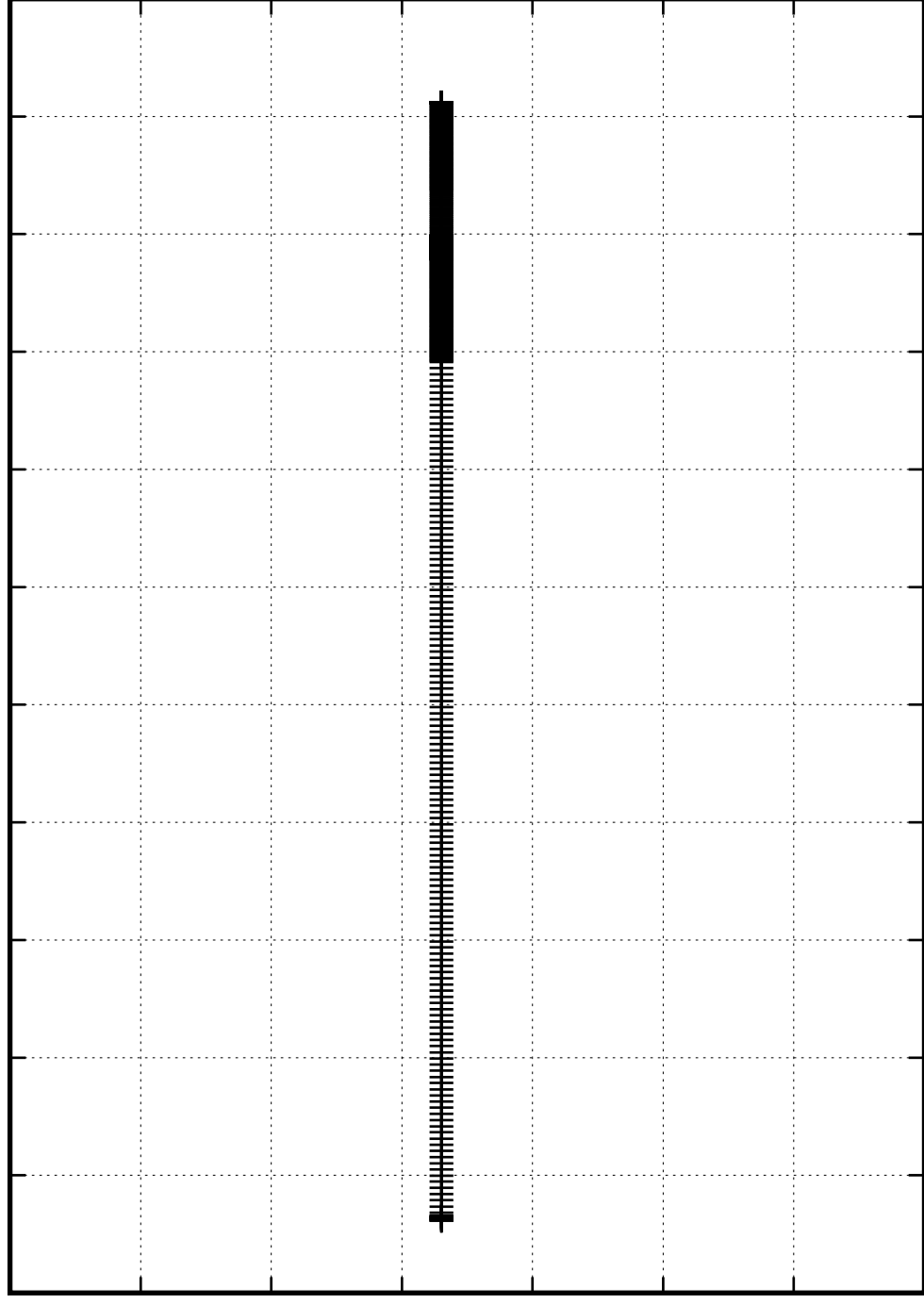
1.6

1.8

2

2.2

Time [Myr]



$M=250\ M_{\odot}$     $Z=0.05\ \text{smc}$     $v=100\ \text{km/s}$

145.5

145

144.5

144

143.5

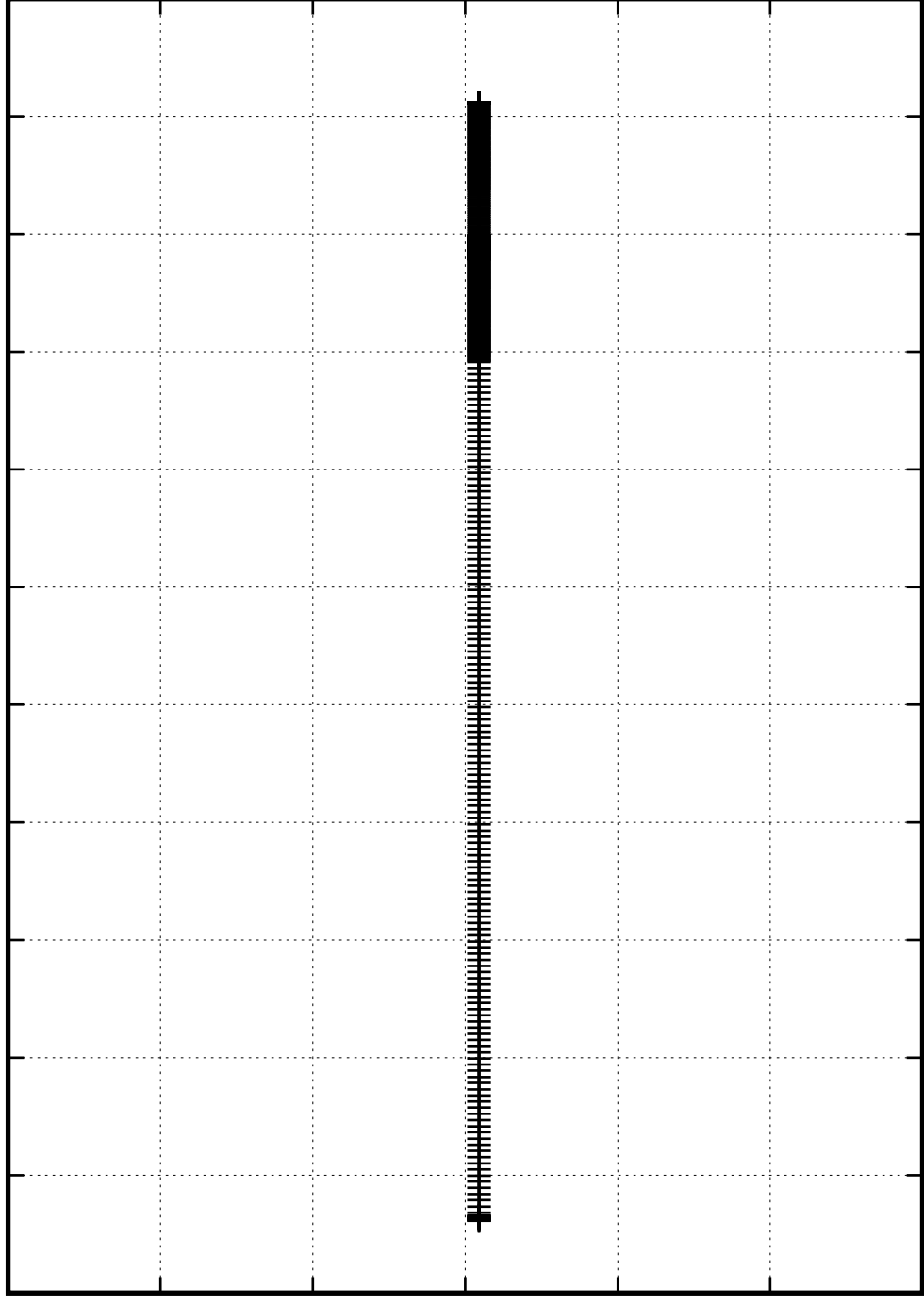
143

142.5

CO-core-size [ $M_{\text{sun}}$ ]

0   0.2   0.4   0.6   0.8   1   1.2   1.4   1.6   1.8   2   2.2

Time [Myr]



$M=250\,M_{\odot}$     $Z=0.05\,\text{smc}$     $v=100\,\text{km/s}$

0.8

0.75

0.7

0.65

0.6

0.55

0.5

0.45

0.4

$[I-I]_{H_s}$

0

0.2

0.4

0.6

0.8

1

1.2

1.4

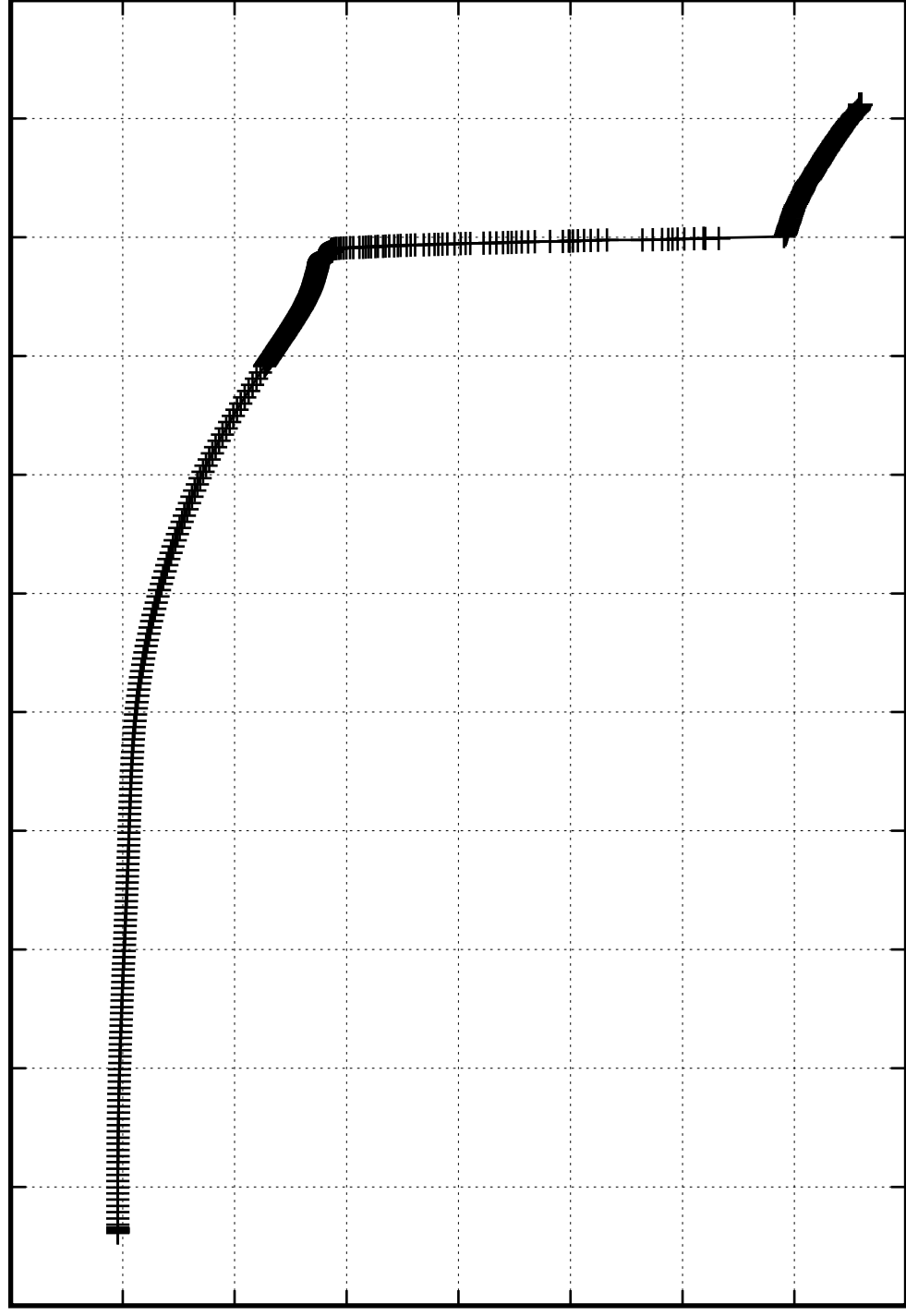
1.6

1.8

2

2.2

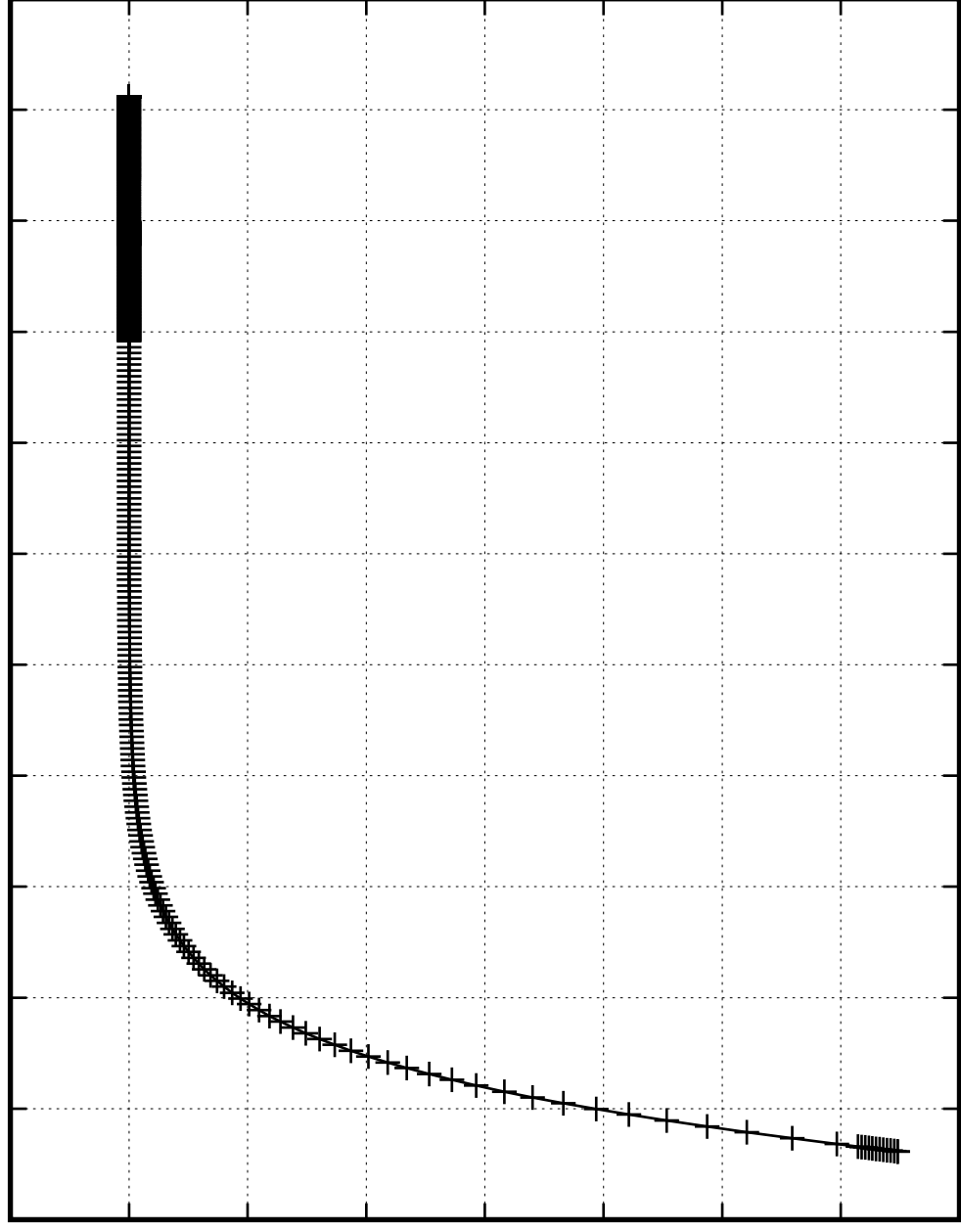
Time [Myr]



$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

$\left[ \frac{H_2}{H} \right]$

$2 \times 10^{-13}$   
 $1.8 \times 10^{-13}$   
 $1.6 \times 10^{-13}$   
 $1.4 \times 10^{-13}$   
 $1.2 \times 10^{-13}$   
 $1 \times 10^{-13}$   
 $8 \times 10^{-14}$   
 $6 \times 10^{-14}$   
 $4 \times 10^{-14}$



0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2

Time [Myr]

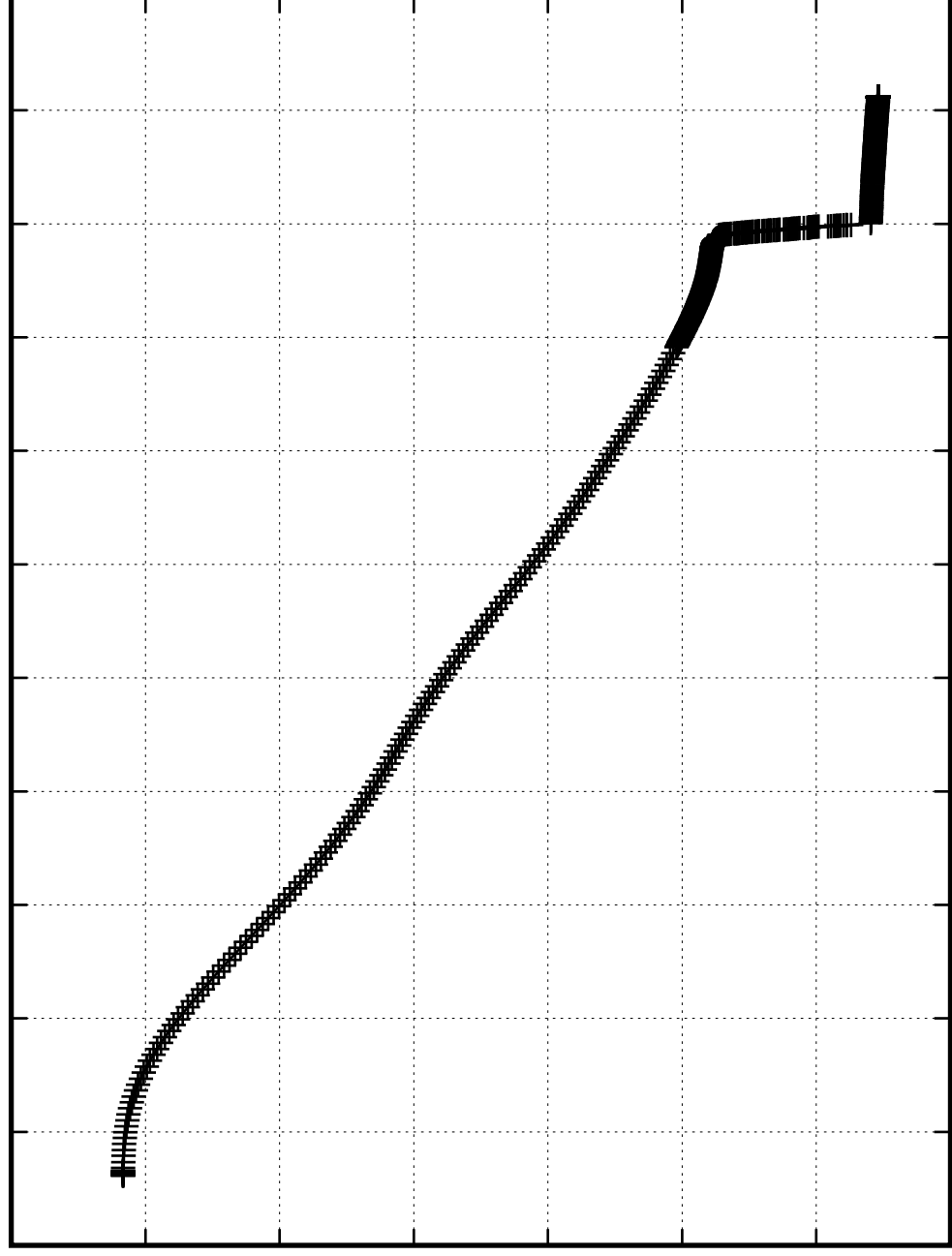
$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

$3.5 \times 10^{-5}$   
 $3 \times 10^{-5}$   
 $2.5 \times 10^{-5}$   
 $2 \times 10^{-5}$   
 $1.5 \times 10^{-5}$   
 $1 \times 10^{-5}$   
 $5 \times 10^{-6}$   
0

$[I-I]_{H\alpha}$

0   0.2   0.4   0.6   0.8   1   1.2   1.4   1.6   1.8   2   2.2

Time [Myr]



$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

0.6

0.55

0.5

0.45

0.4

0.35

0.3

0.25

0.2

$s\,\mathrm{He\,4}\,[\mathrm{I}]\,[\mathrm{I}]$

0

0.2

0.4

0.6

0.8

1

1.2

1.4

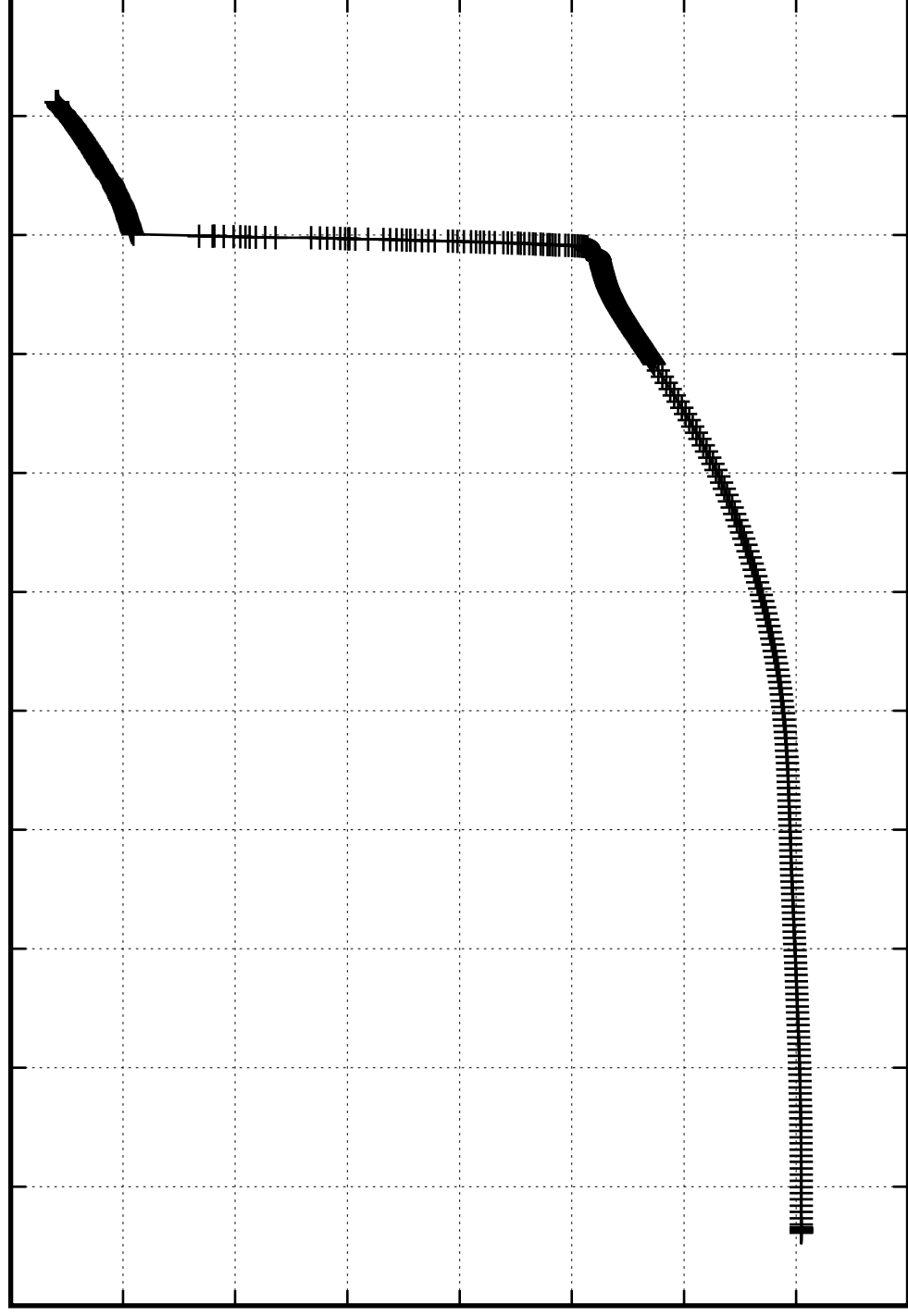
1.6

1.8

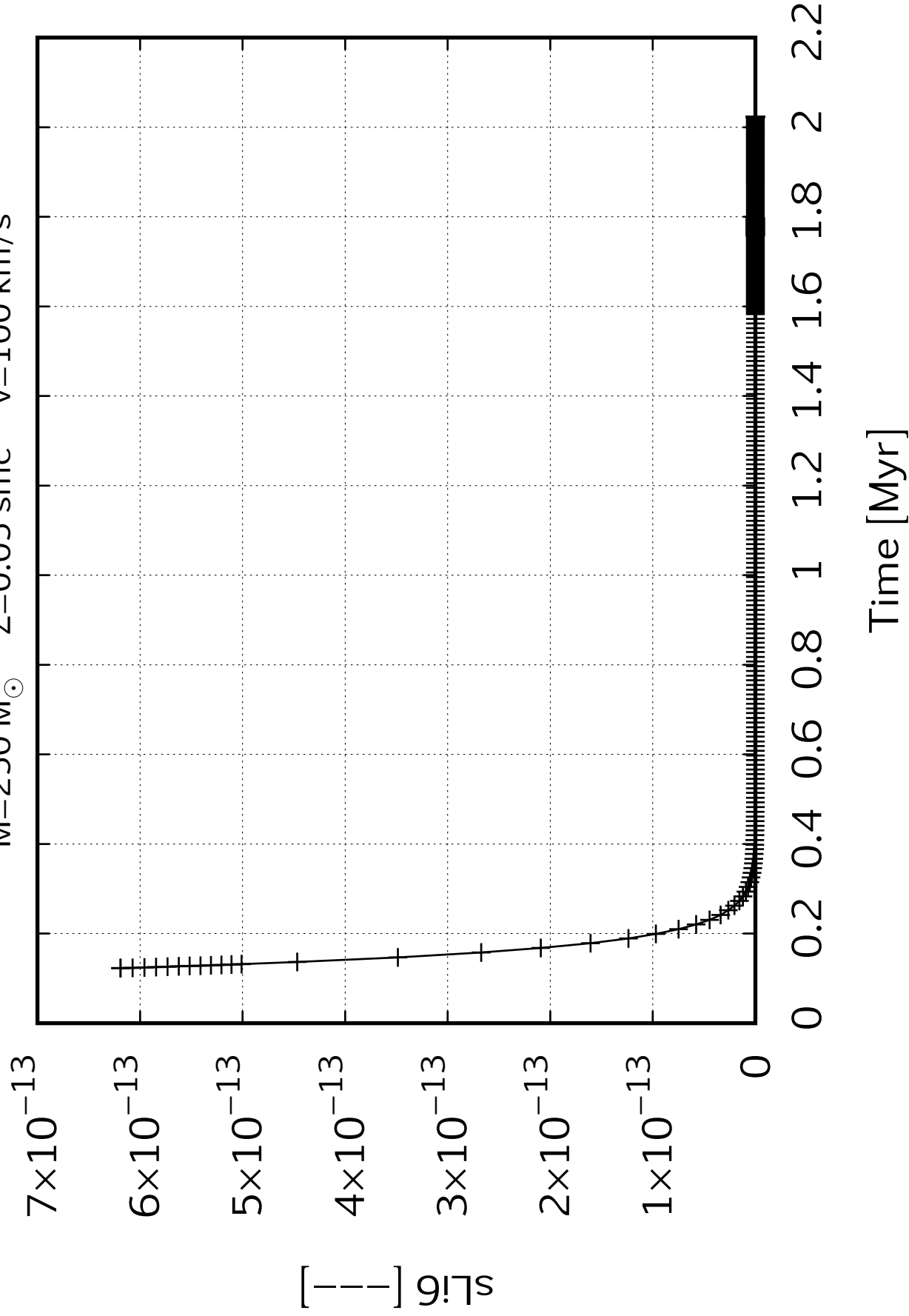
2

2.2

Time [Myr]



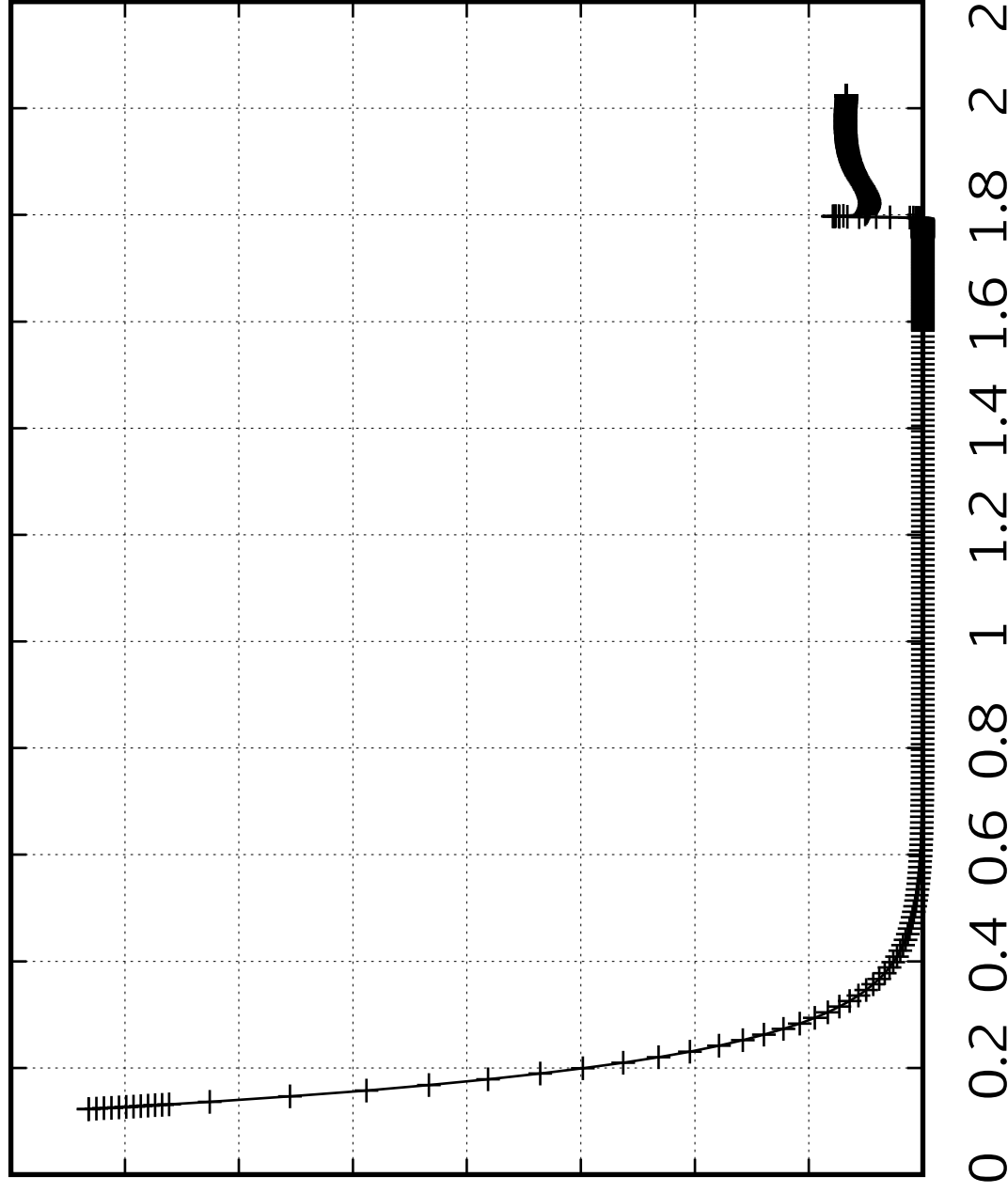
$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s



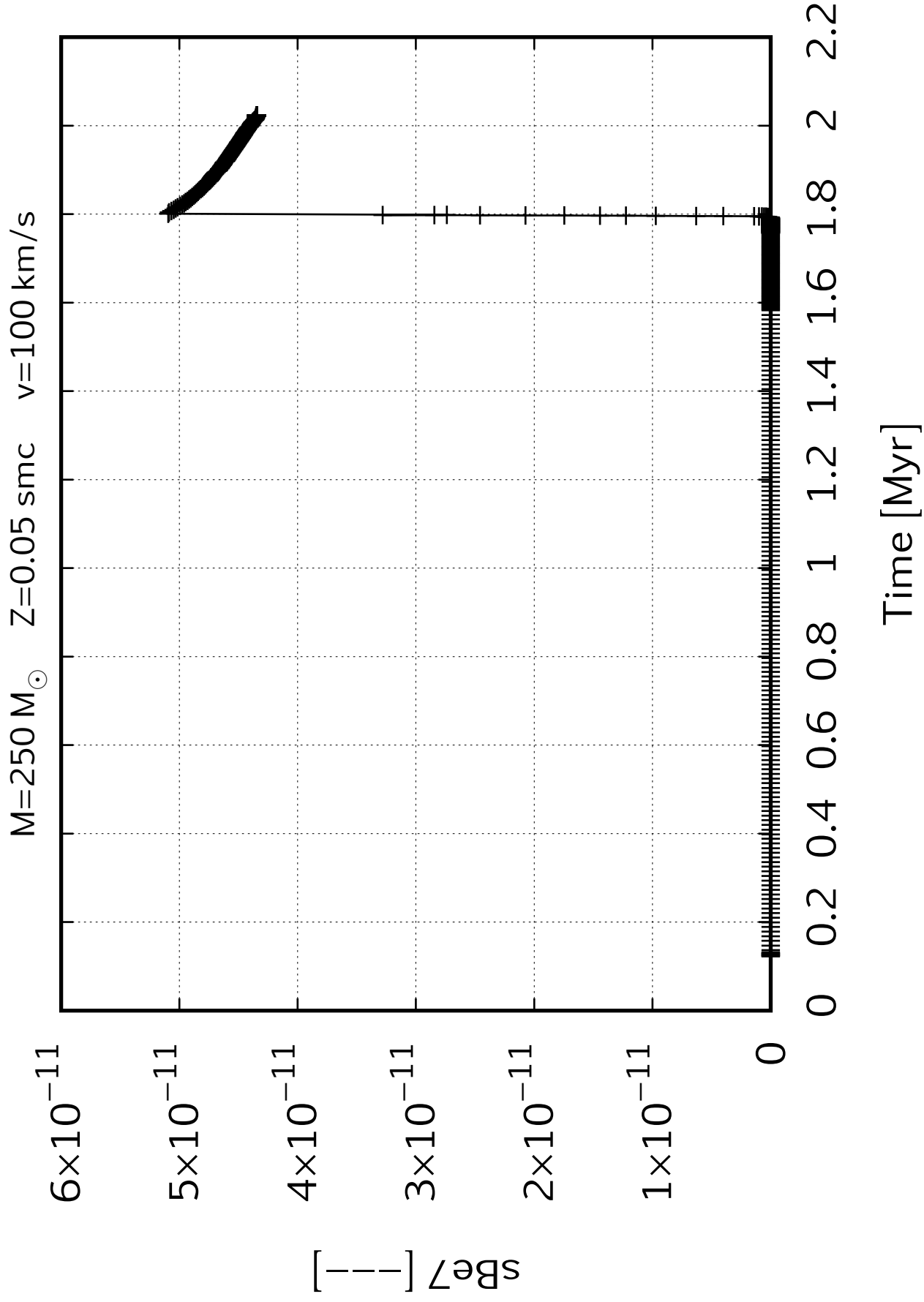
$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

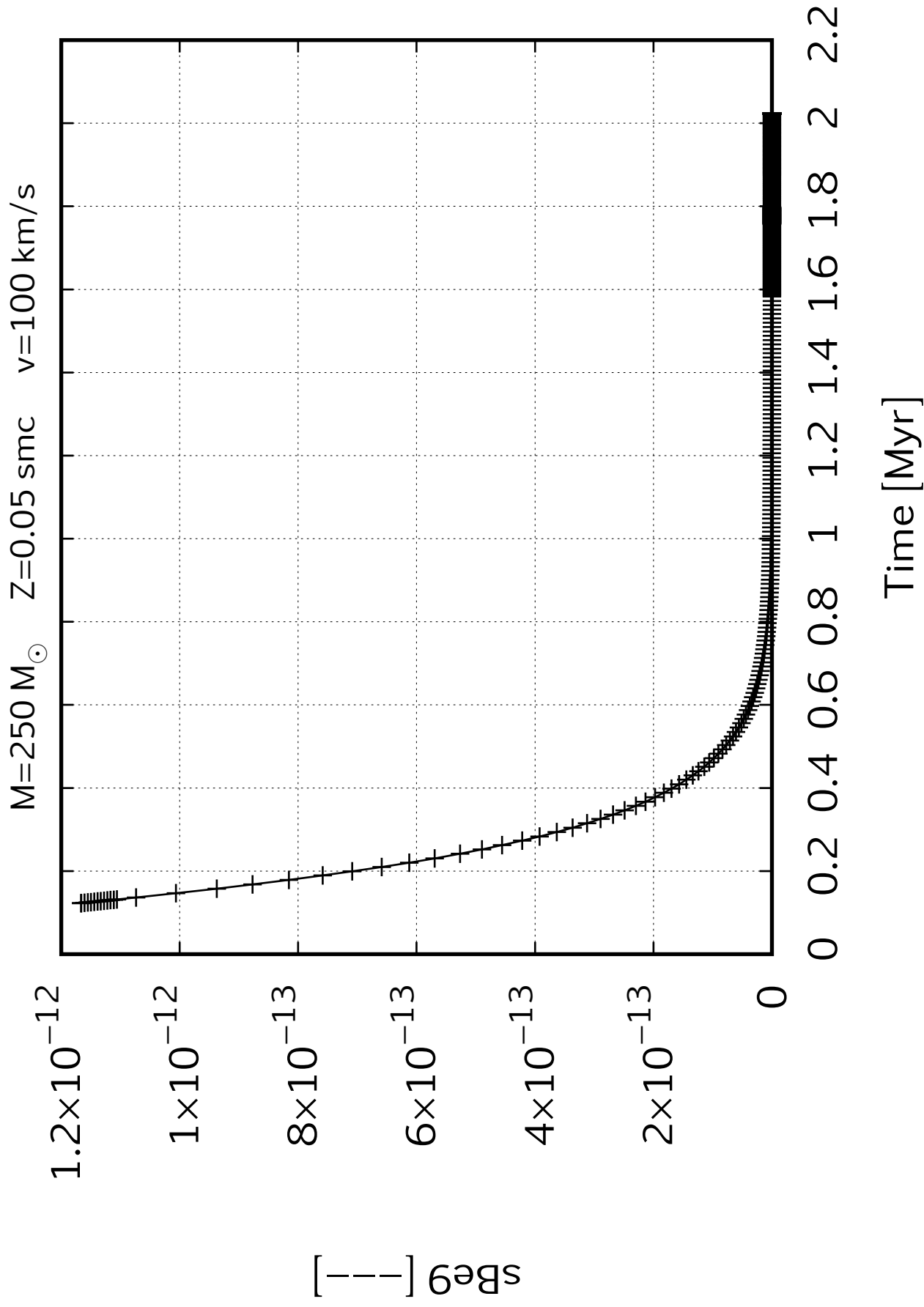
$[\text{Li}/\text{H}]$

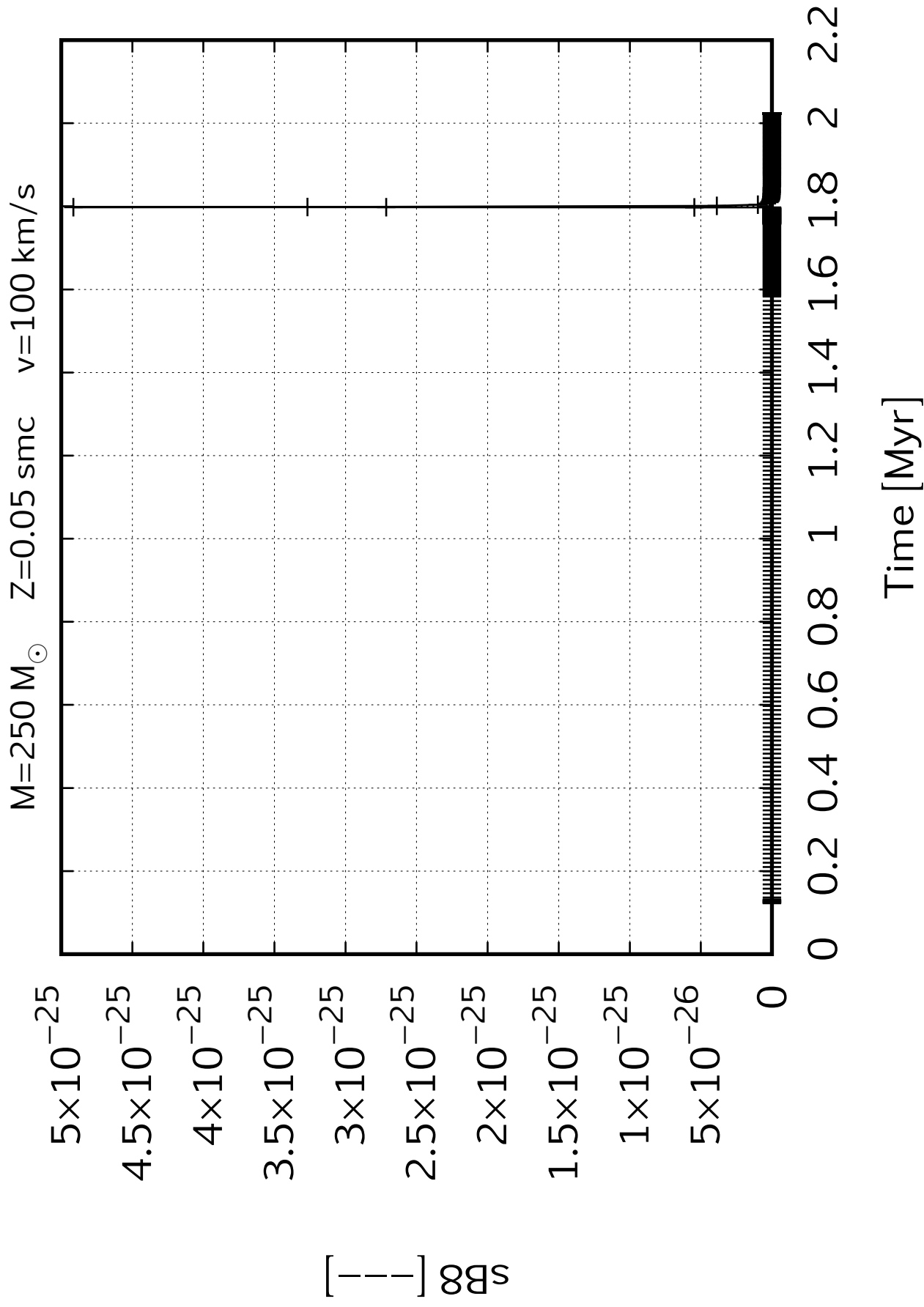
$4 \times 10^{-11}$   
 $3.5 \times 10^{-11}$   
 $3 \times 10^{-11}$   
 $2.5 \times 10^{-11}$   
 $2 \times 10^{-11}$   
 $1.5 \times 10^{-11}$   
 $1 \times 10^{-11}$   
 $5 \times 10^{-12}$   
0

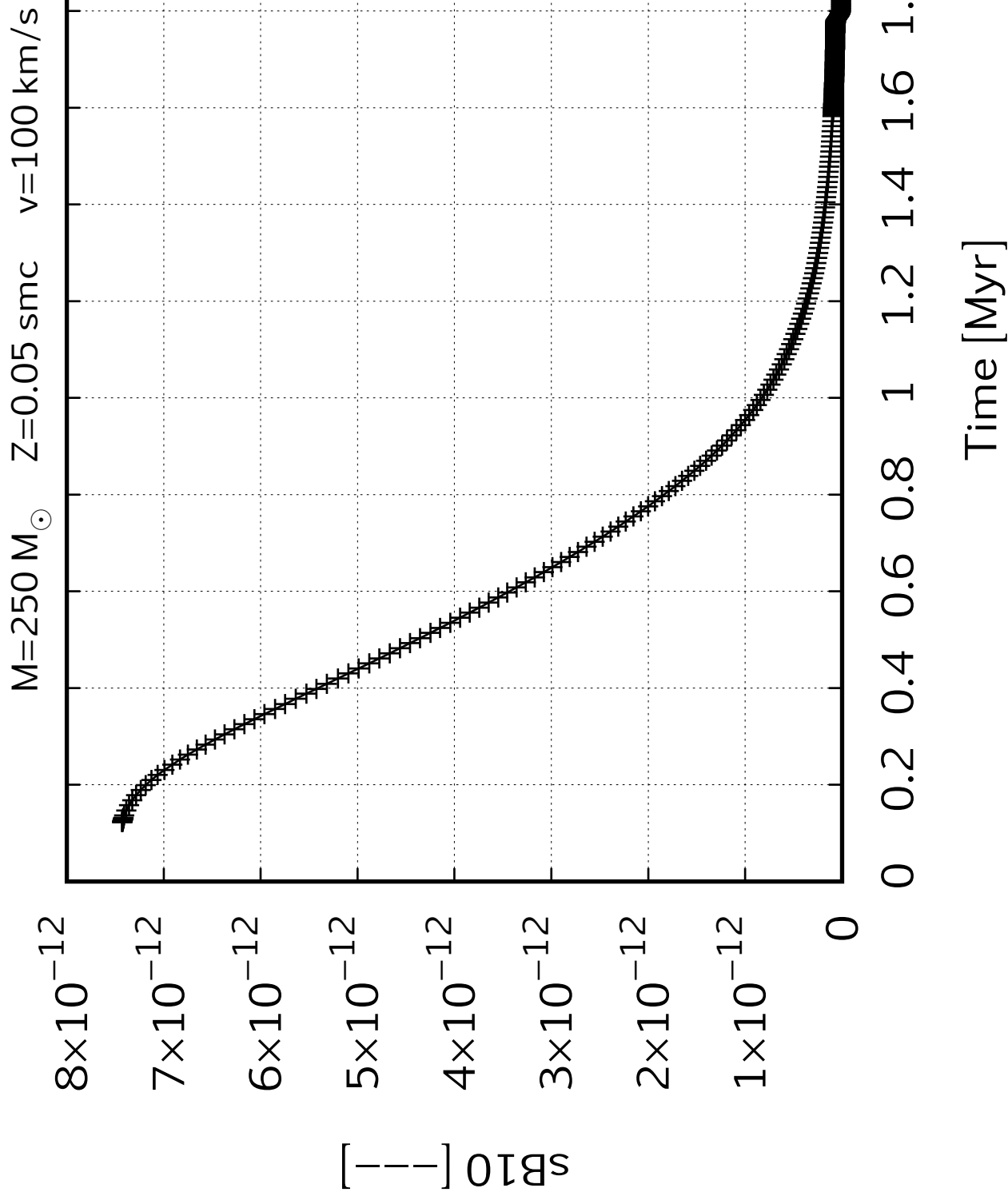


Time [Myr]









$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

$3.5 \times 10^{-11}$

$3 \times 10^{-11}$

$2.5 \times 10^{-11}$

$2 \times 10^{-11}$

$1.5 \times 10^{-11}$

$1 \times 10^{-11}$

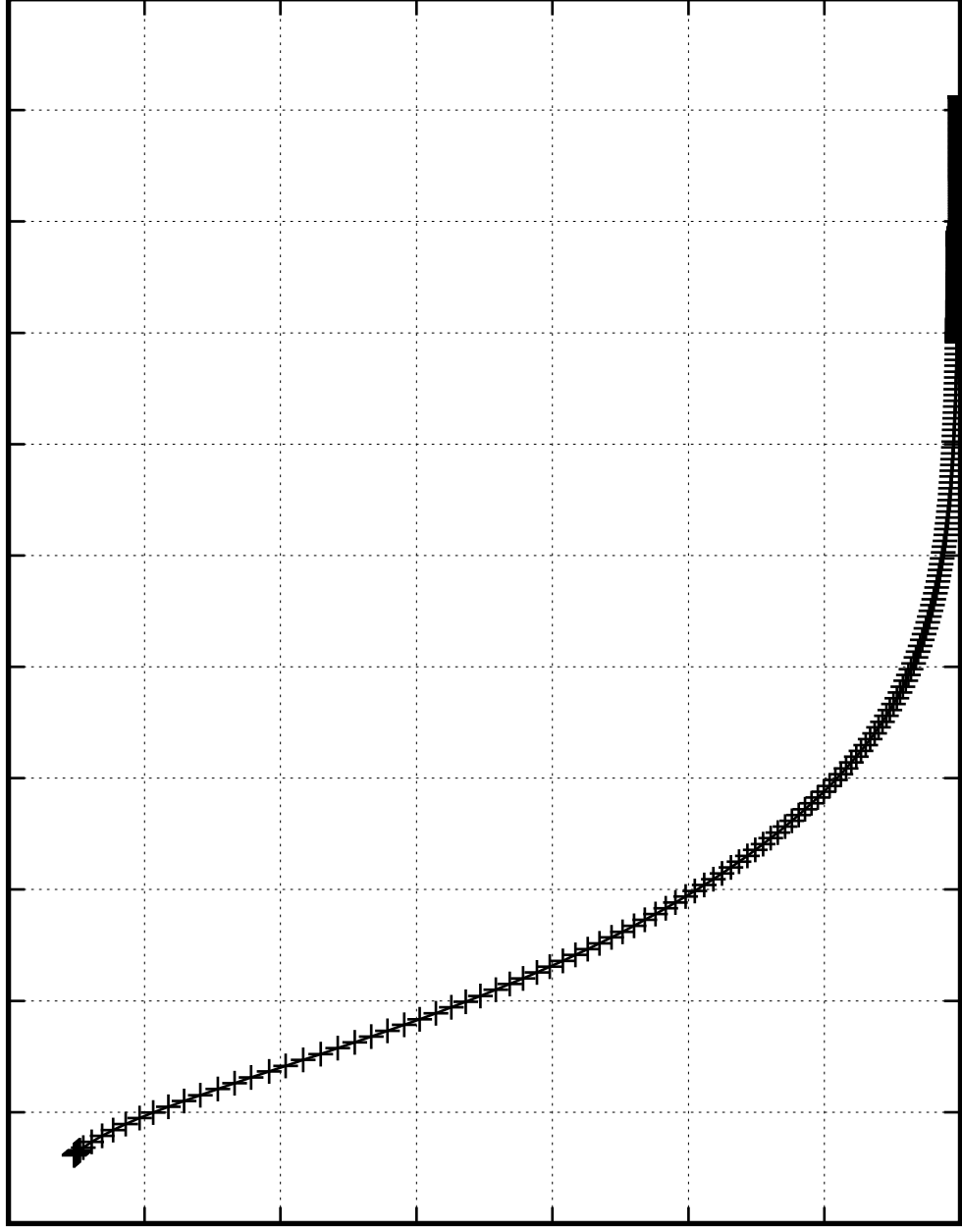
$5 \times 10^{-12}$

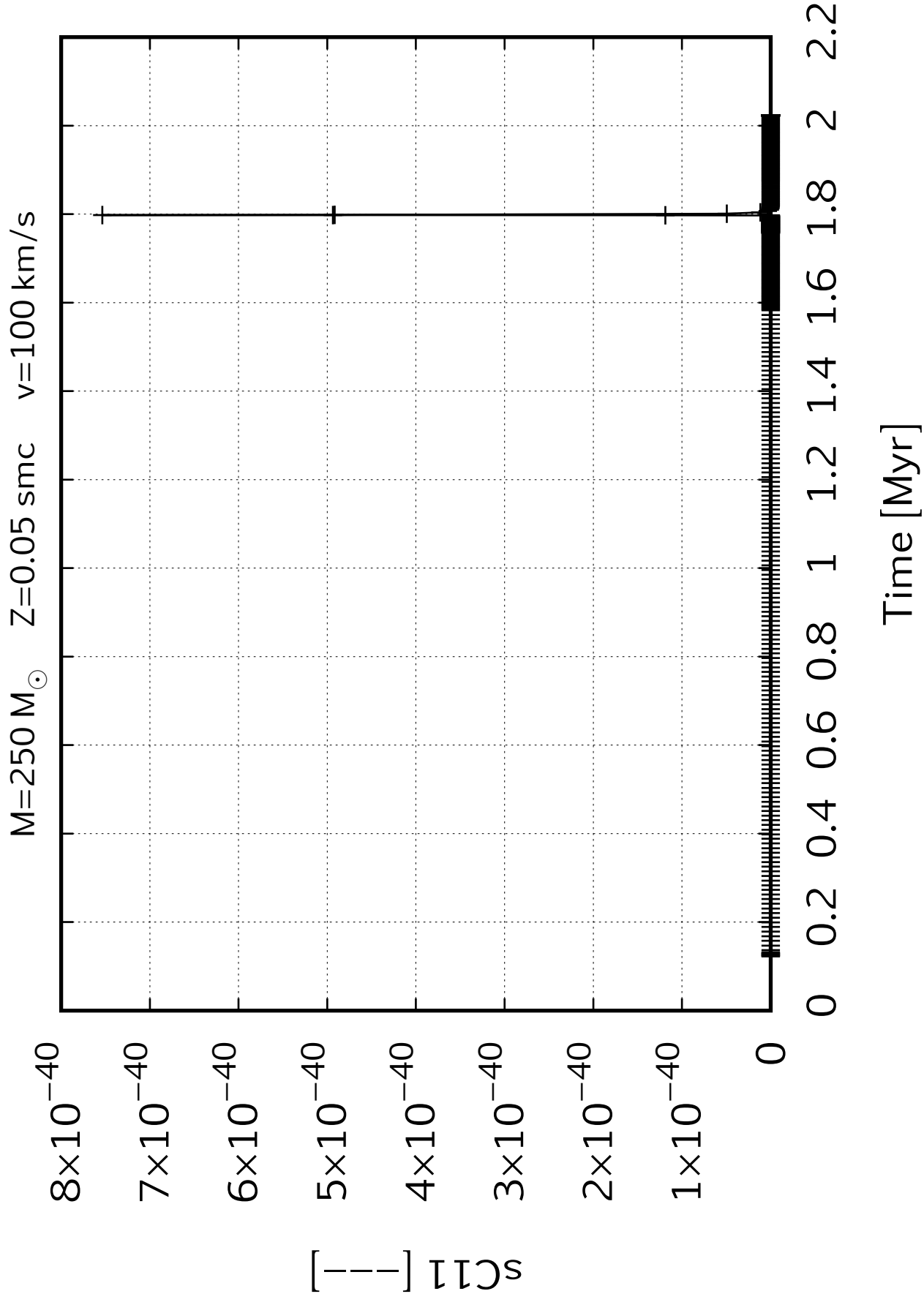
0

$s_{B11}$  [—]

0   0.2   0.4   0.6   0.8   1   1.2   1.4   1.6   1.8   2   2.2

Time [Myr]





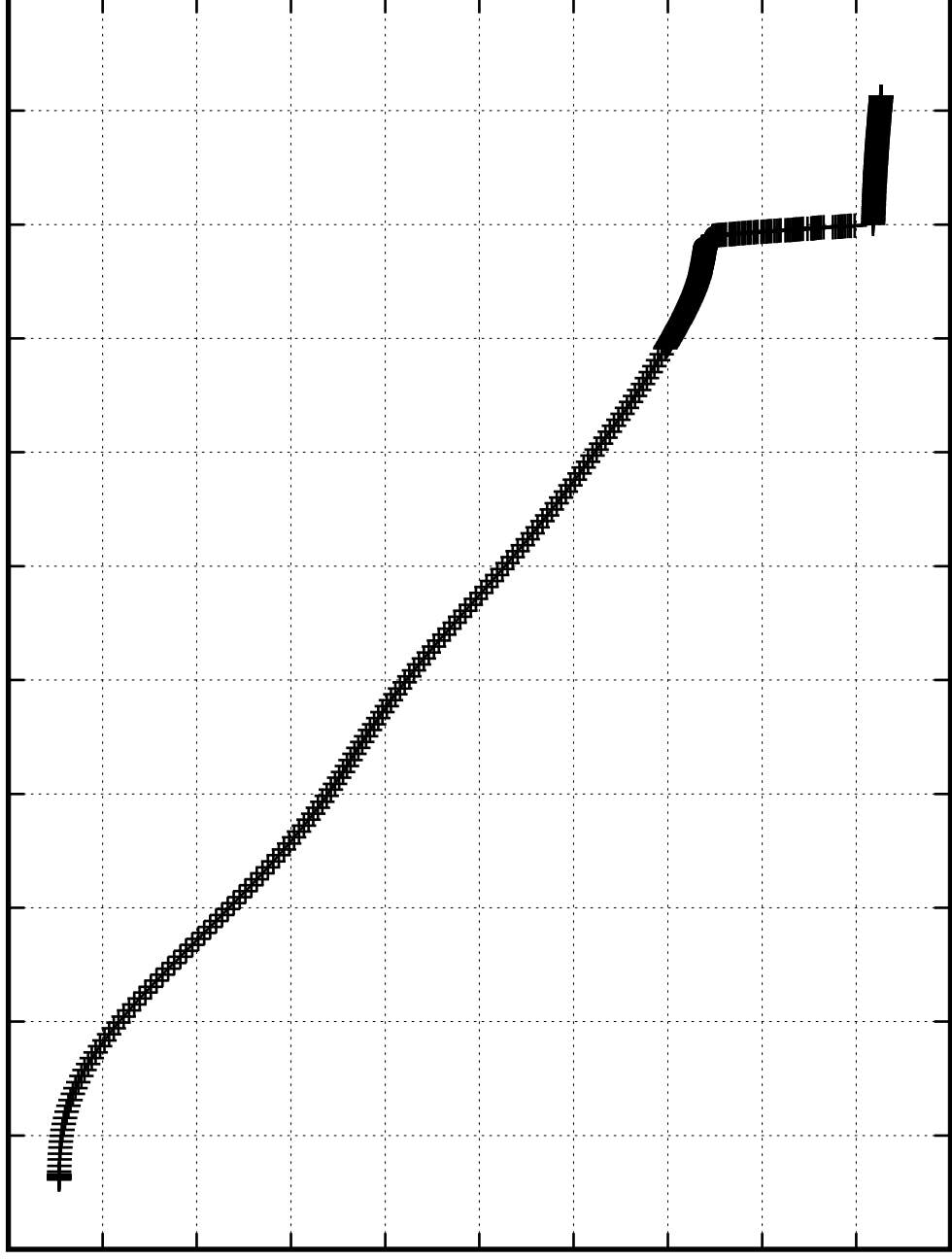
$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

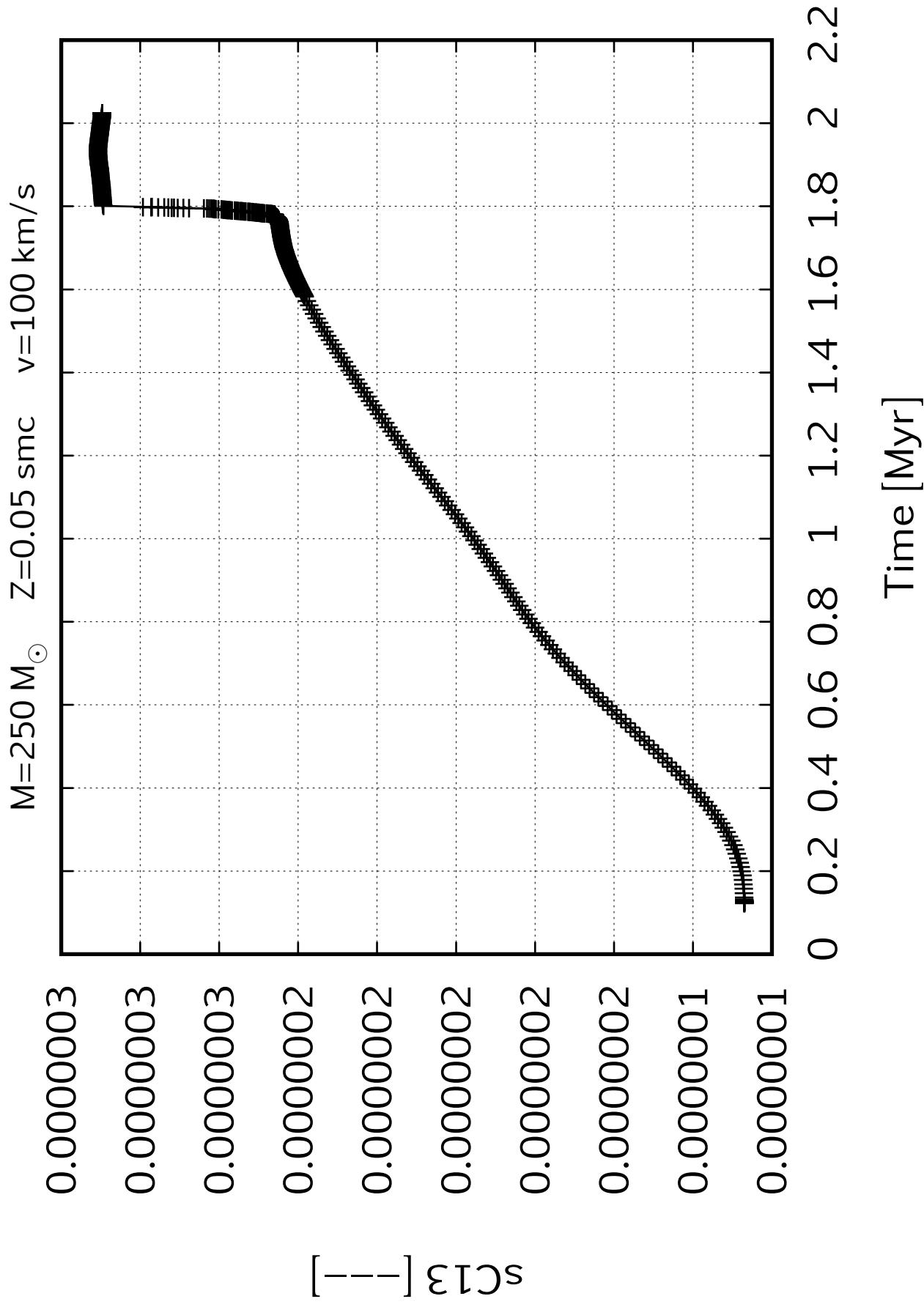
0.000011  
0.000010  
0.000009  
0.000008  
0.000007  
0.000006  
0.000005  
0.000004  
0.000003  
0.000002  
0.000001

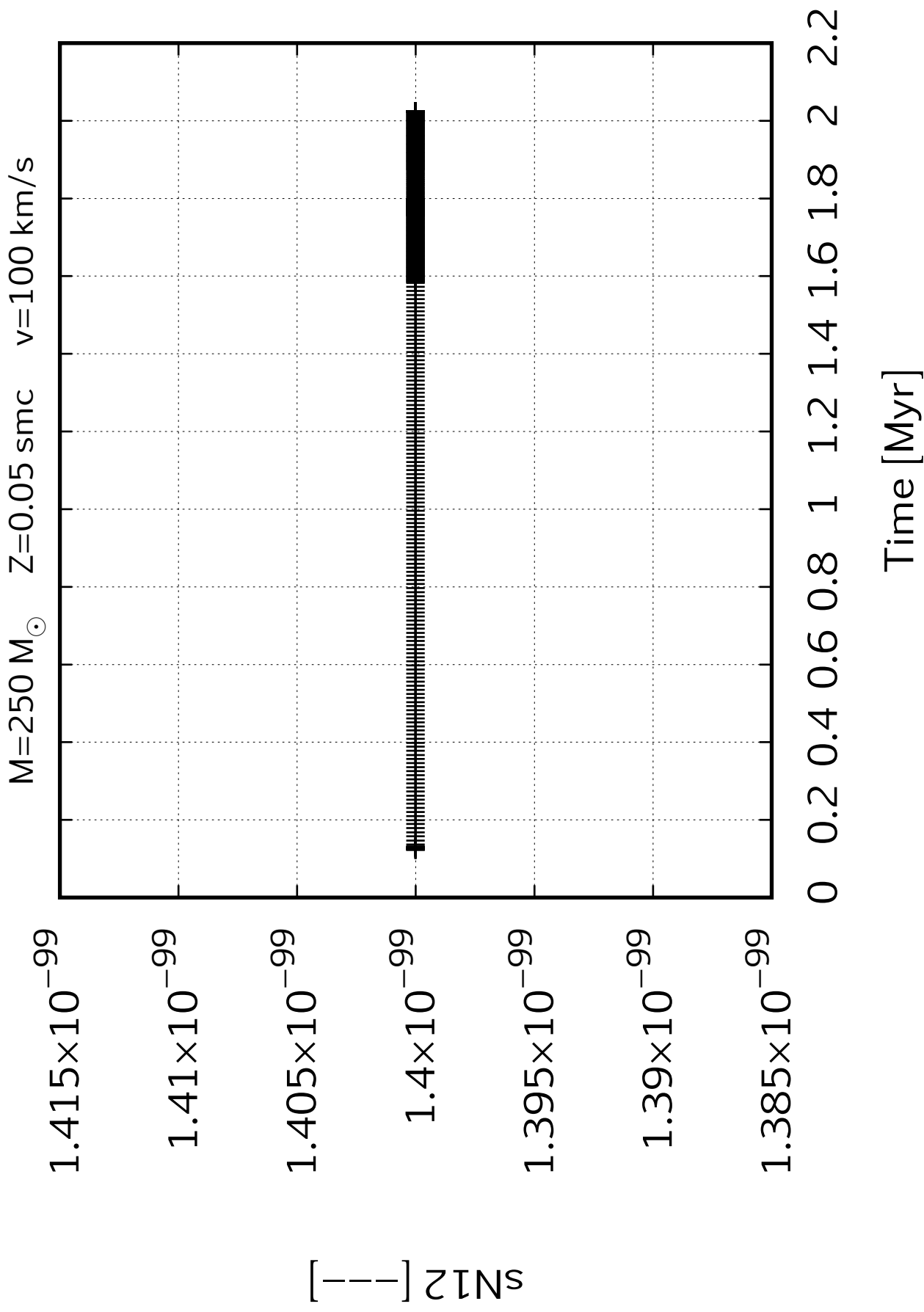
$sC12[-]$

0   0.2   0.4   0.6   0.8   1   1.2   1.4   1.6   1.8   2   2.2

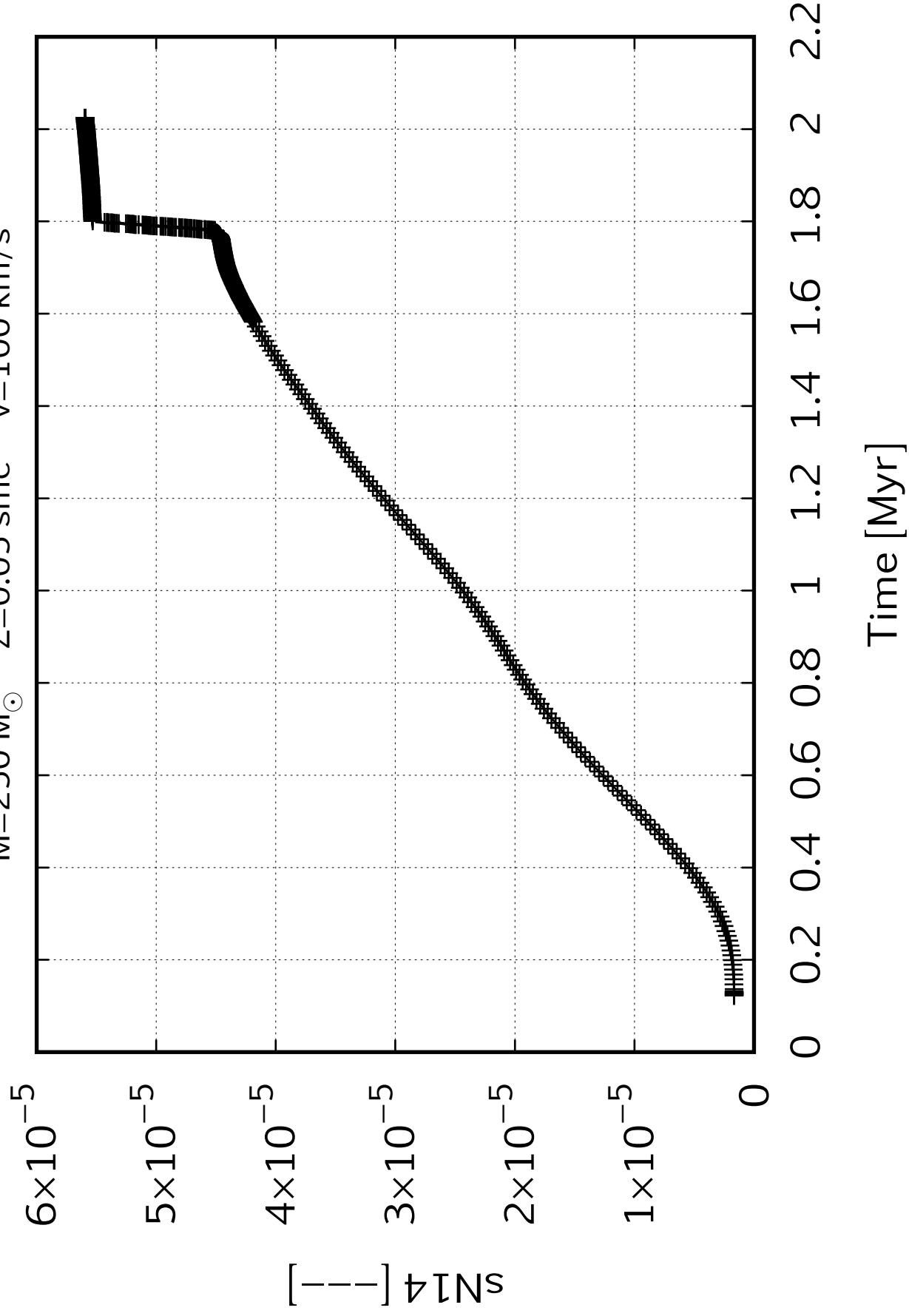
Time [Myr]







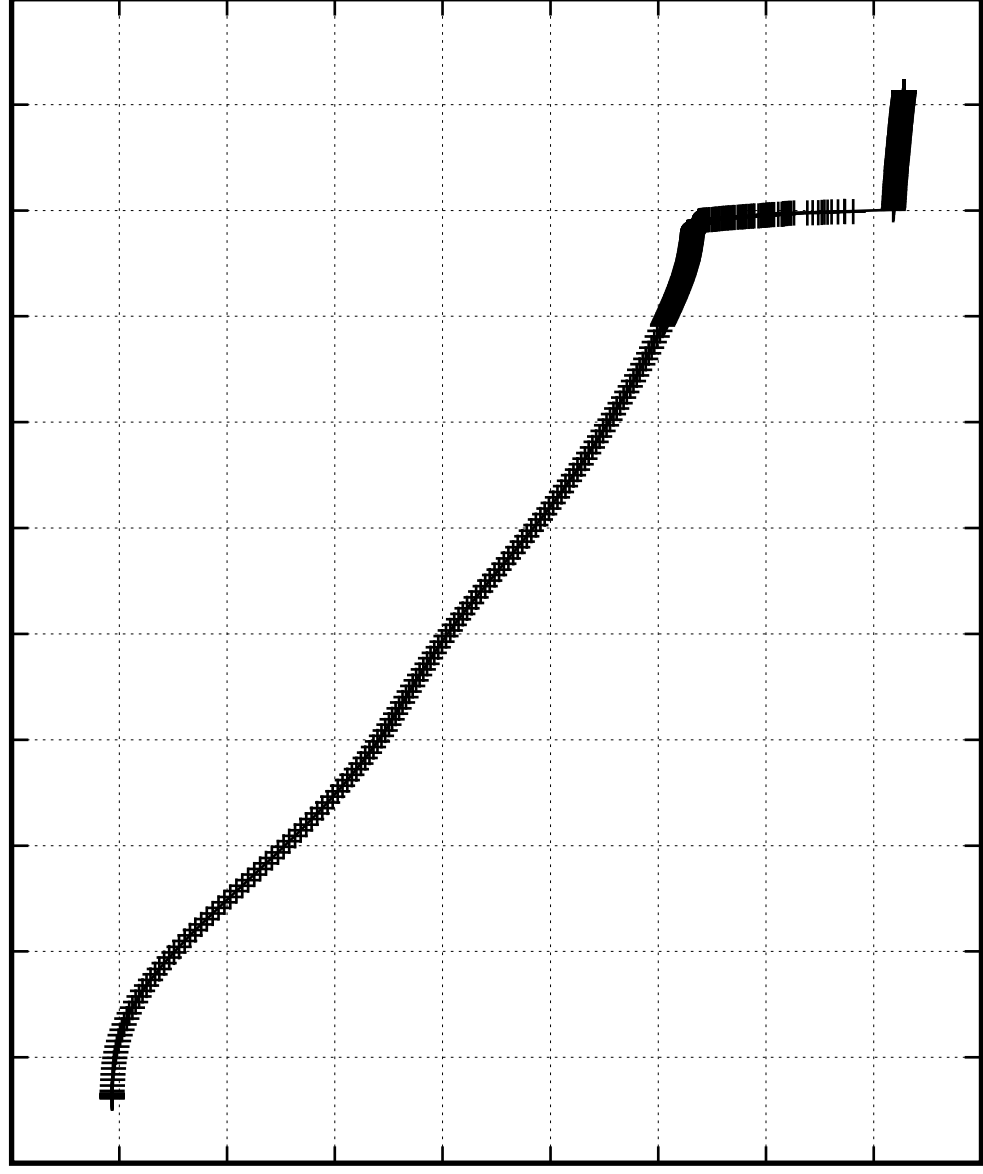
$M=250\ M_{\odot}$     $Z=0.05\ \text{smc}$     $v=100\ \text{km/s}$



$M=250\ M_{\odot}$      $Z=0.05\ \text{smc}$      $v=100\ \text{km/s}$

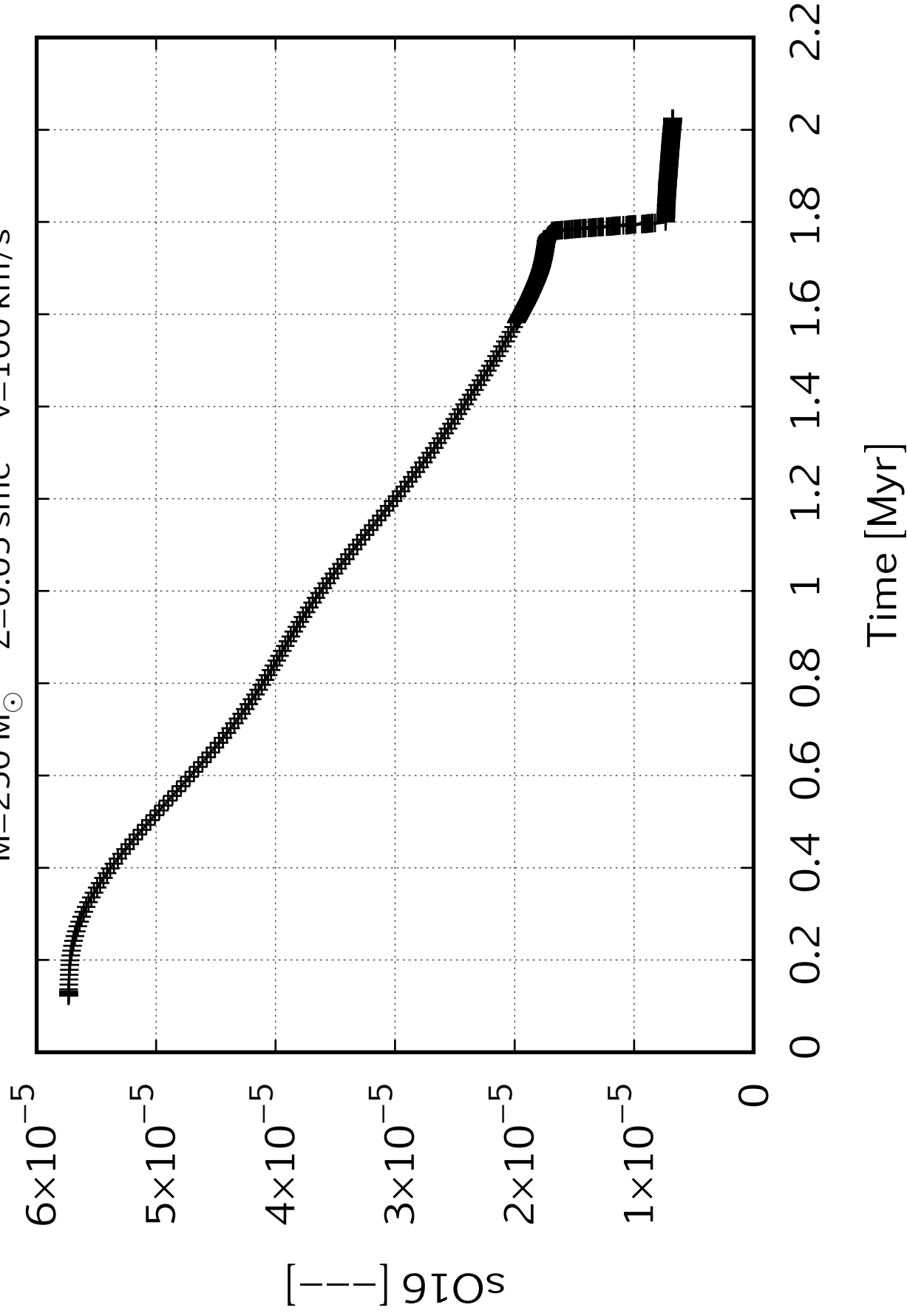
0.0000000007  
0.0000000007  
0.0000000006  
0.0000000006  
0.0000000005  
0.0000000005  
0.0000000004  
0.0000000003  
0.0000000003  
0.0000000003

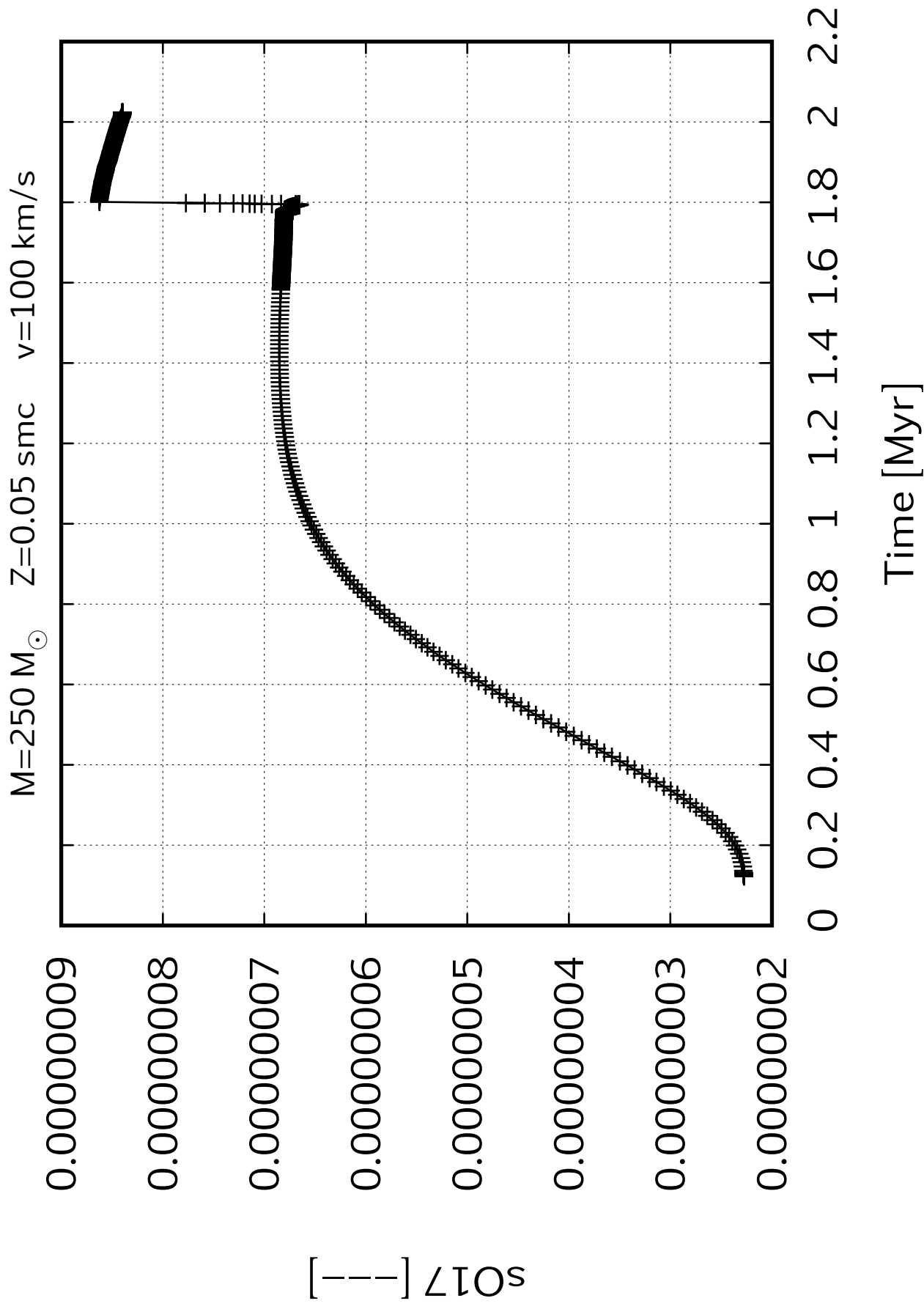
$[\text{--}]_{\text{N15}}$



Time [Myr]

$M=250\ M_{\odot}$     $Z=0.05\ \text{smc}$     $v=100\ \text{km/s}$





$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

$[\text{O18}]$

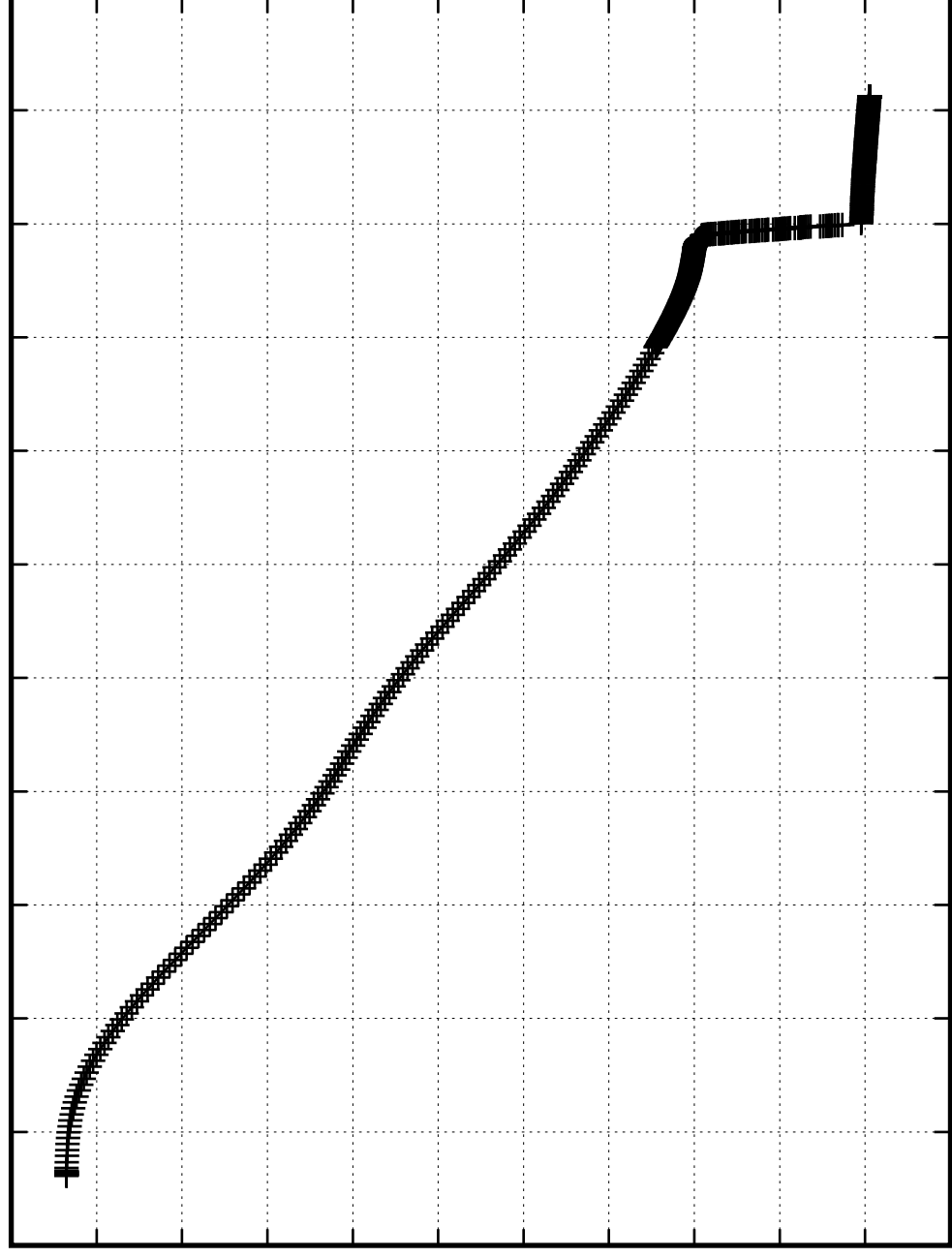
Time [Myr]	$[\text{O18}]$
0.0	$1.25 \times 10^{-7}$
0.2	$1.10 \times 10^{-7}$
0.4	$1.00 \times 10^{-7}$
0.6	$9.0 \times 10^{-8}$
0.8	$8.0 \times 10^{-8}$
1.0	$7.0 \times 10^{-8}$
1.2	$6.0 \times 10^{-8}$
1.4	$5.0 \times 10^{-8}$
1.6	$4.2 \times 10^{-8}$
1.7	$1.5 \times 10^{-8}$
1.8	$1.6 \times 10^{-8}$
2.0	$1.2 \times 10^{-8}$

Time [Myr]

$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

$5.5 \times 10^{-9}$   
 $5 \times 10^{-9}$   
 $4.5 \times 10^{-9}$   
 $4 \times 10^{-9}$   
 $3.5 \times 10^{-9}$   
 $3 \times 10^{-9}$   
 $2.5 \times 10^{-9}$   
 $2 \times 10^{-9}$   
 $1.5 \times 10^{-9}$   
 $1 \times 10^{-9}$   
 $5 \times 10^{-10}$   
0

$[\text{F19}]$



Time [Myr]

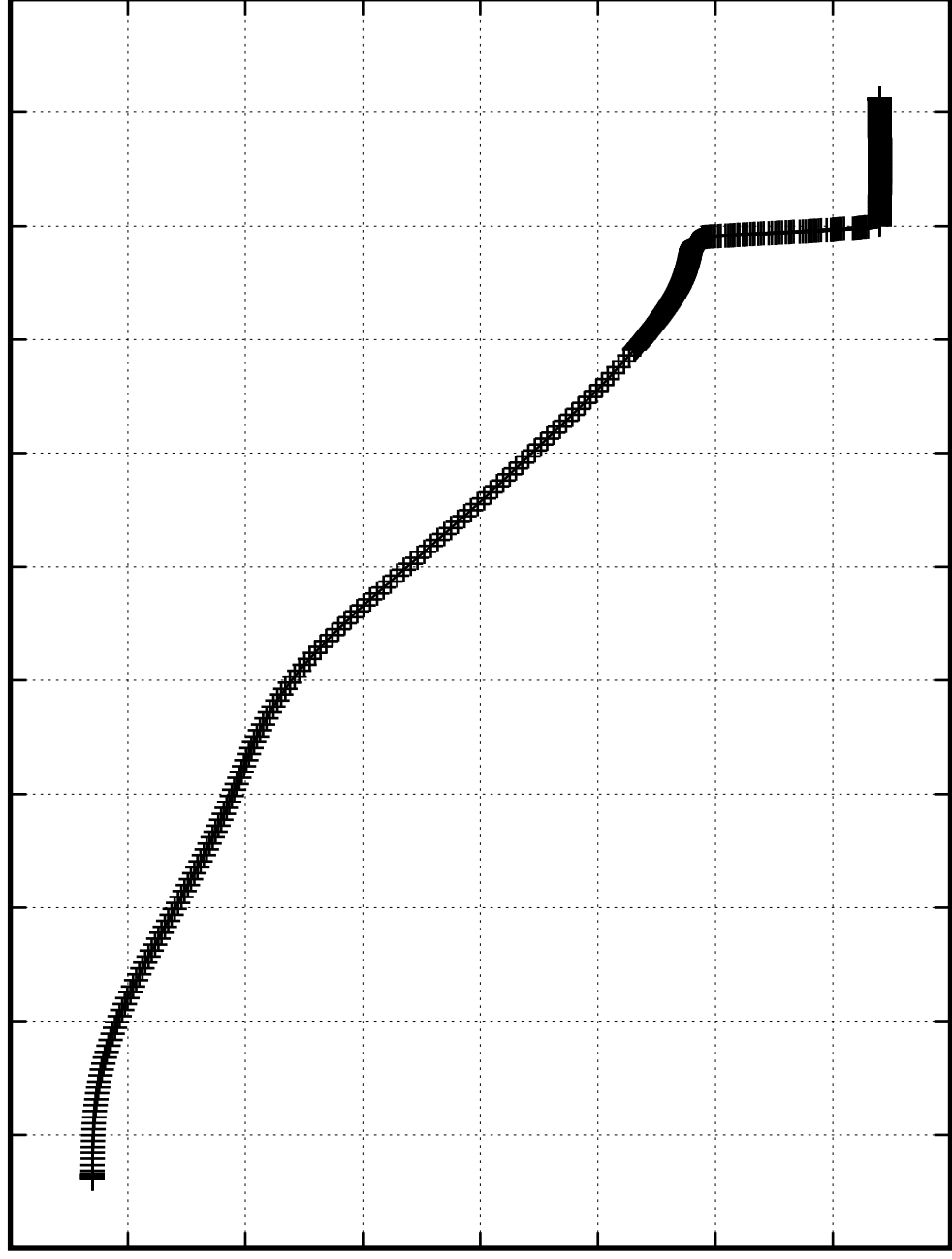
$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

0.000010  
0.000010  
0.000009  
0.000009  
0.000008  
0.000008  
0.000007  
0.000007  
0.000006

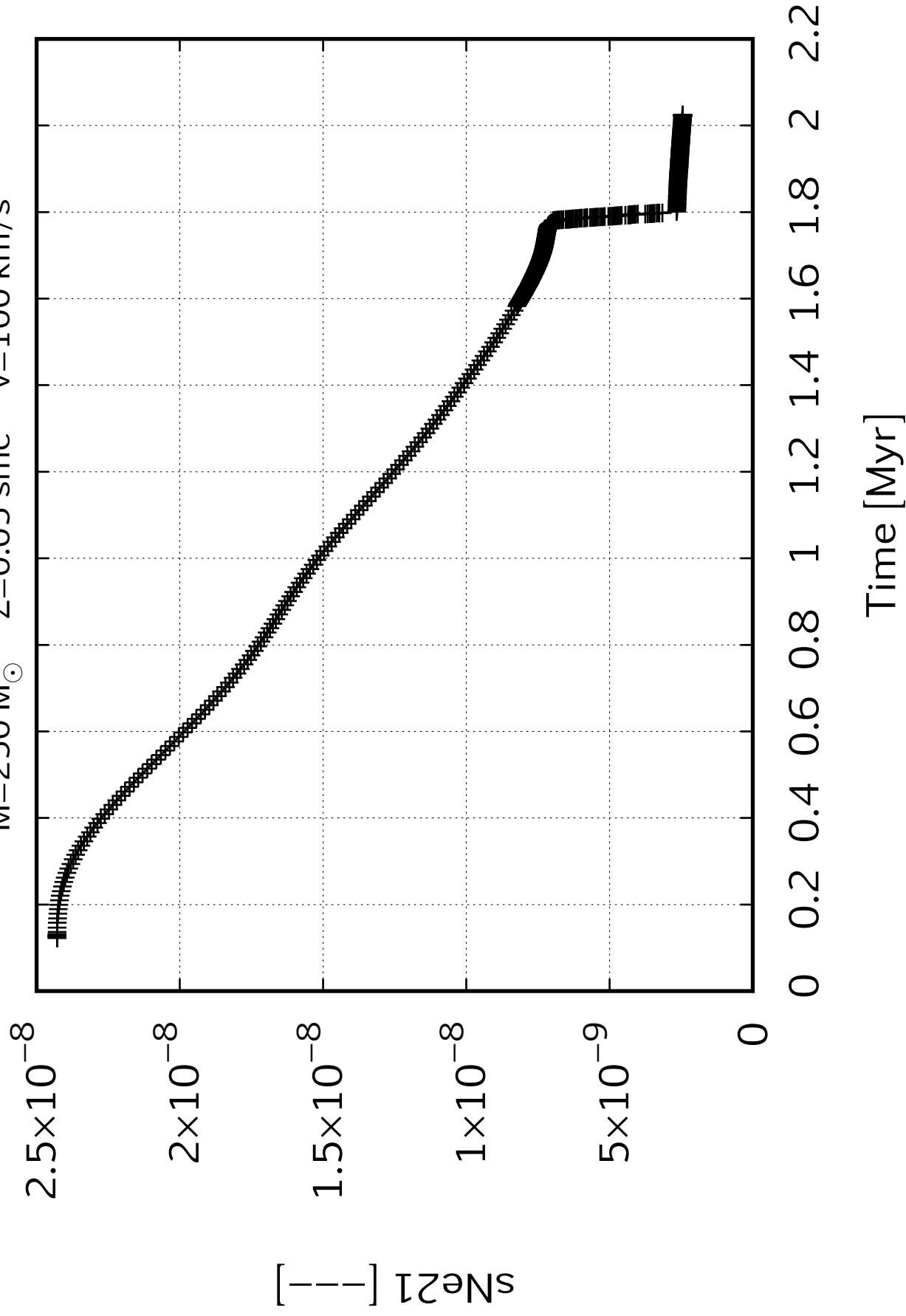
$s_{\text{Ne20}} [--]$

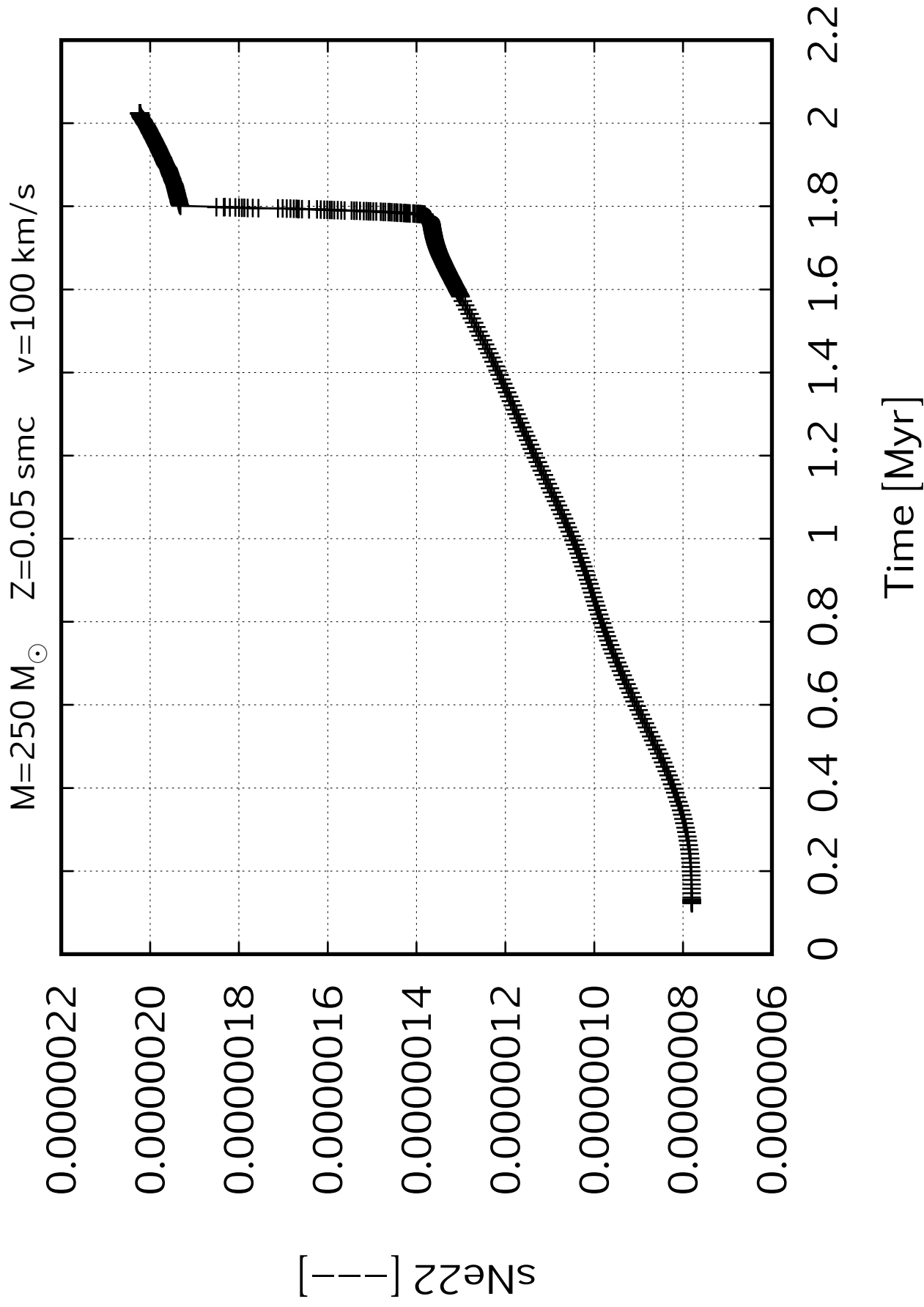
0   0.2   0.4   0.6   0.8   1   1.2   1.4   1.6   1.8   2   2.2

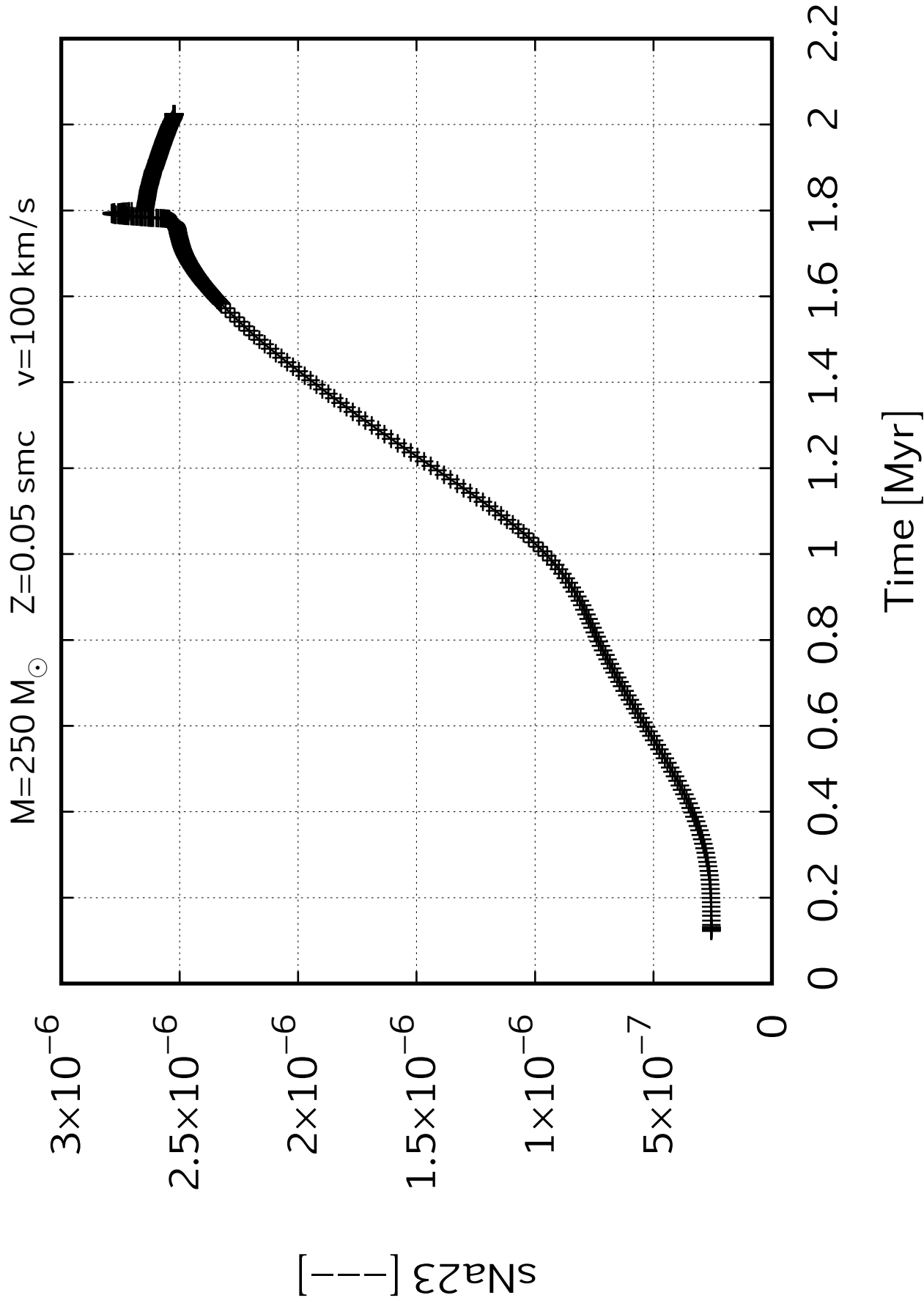
Time [Myr]

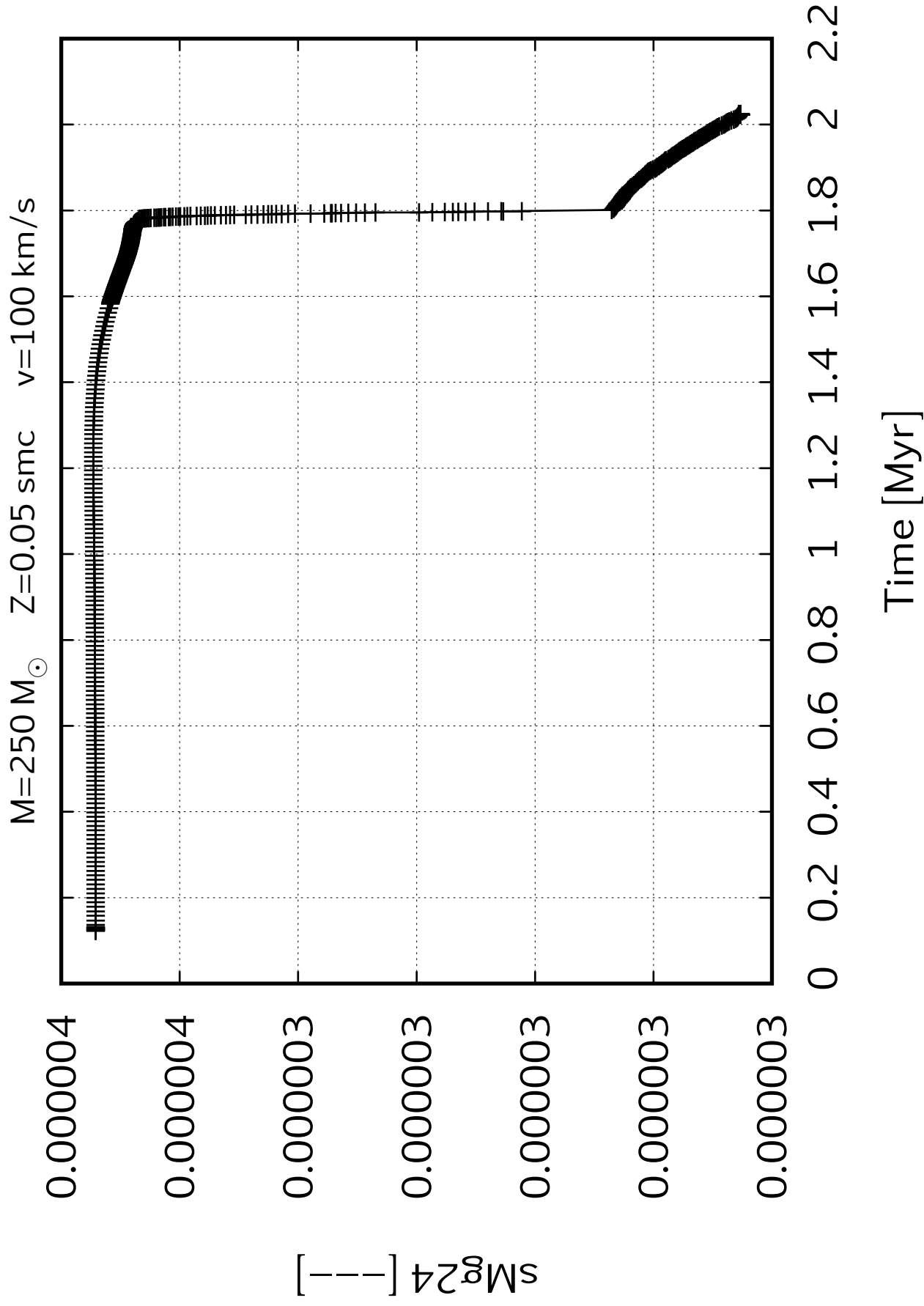


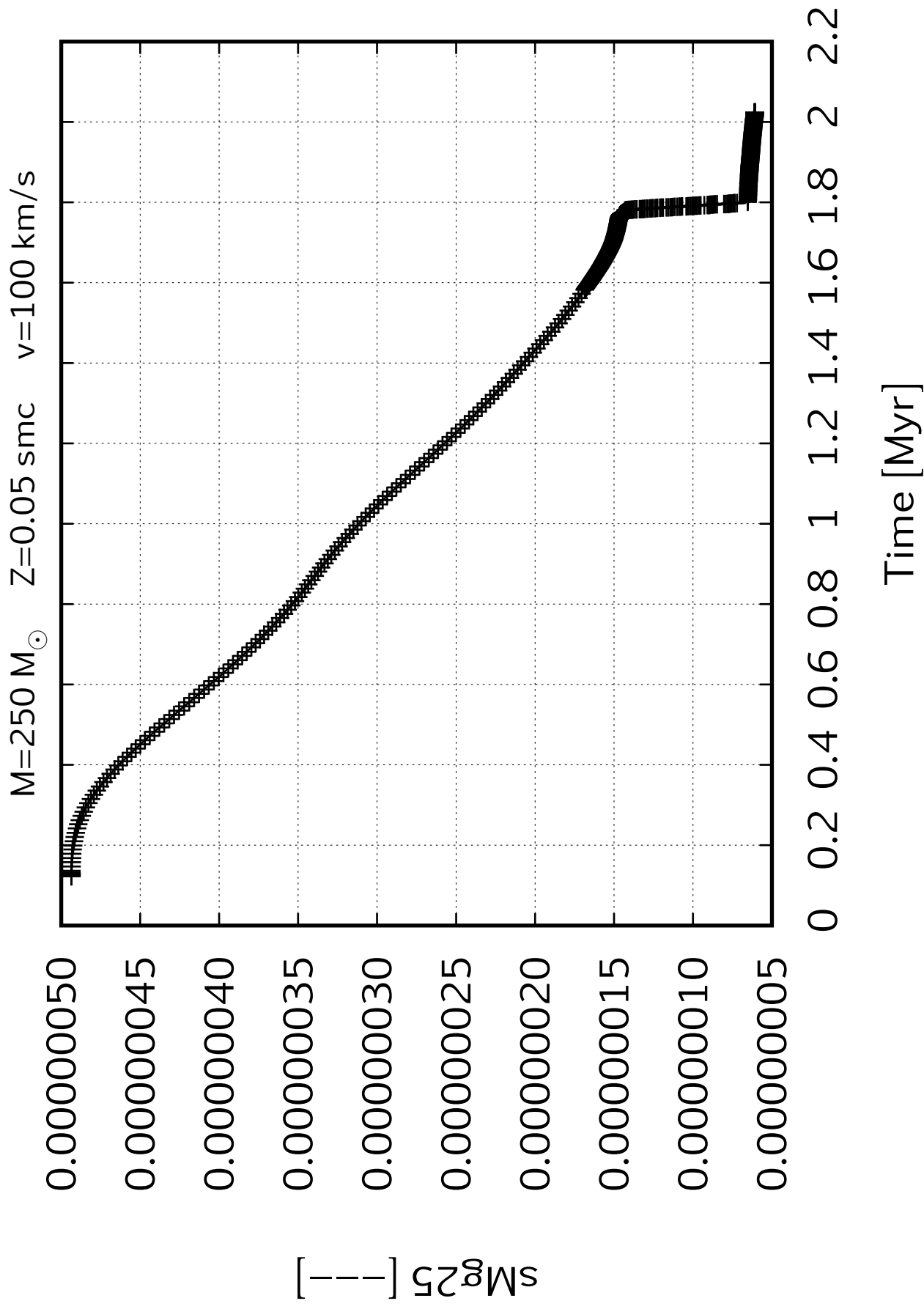
$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s











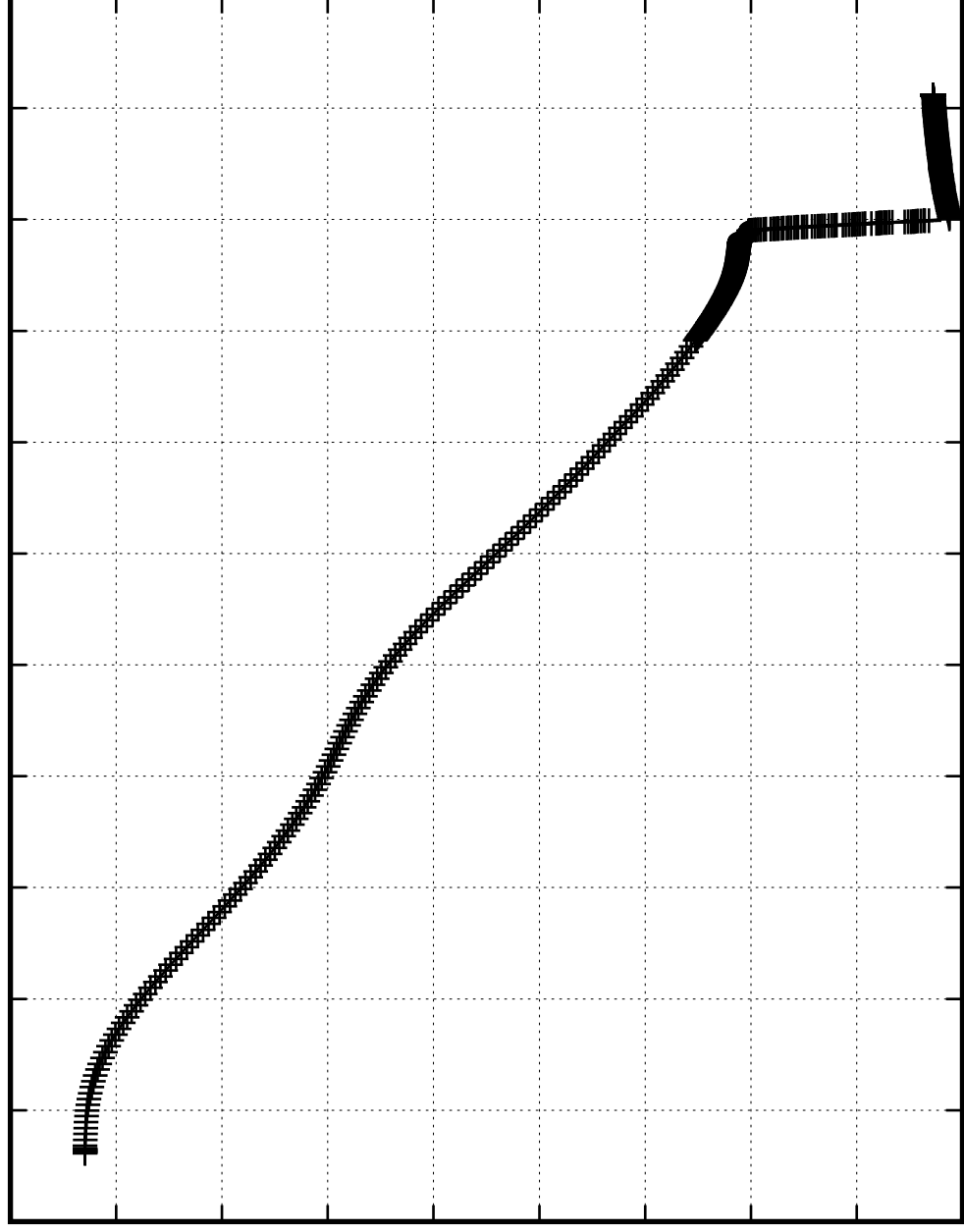
$M=250\ M_{\odot}$     $Z=0.05$  smc    $v=100\ \text{km/s}$

0.0000006  
0.0000006  
0.0000005  
0.0000004  
0.0000004  
0.0000003  
0.0000003  
0.0000002  
0.0000002  
0.0000001

$s_{\text{Mg}26}$  [—]

0   0.2   0.4   0.6   0.8   1   1.2   1.4   1.6   1.8   2   2.2

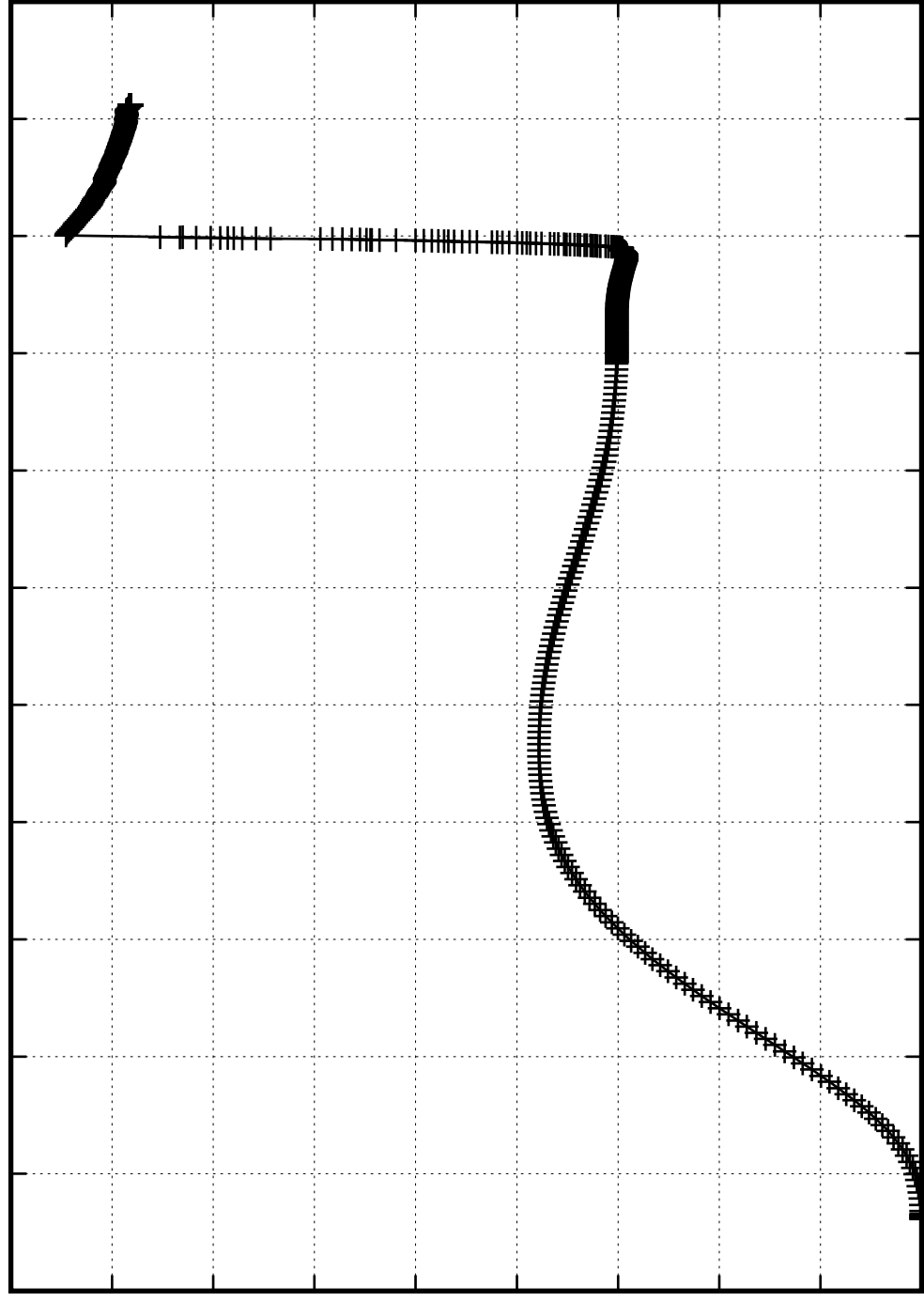
Time [Myr]



$M=250\ M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

$^{s\text{Al}26}$  [—]

$9 \times 10^{-8}$   
 $8 \times 10^{-8}$   
 $7 \times 10^{-8}$   
 $6 \times 10^{-8}$   
 $5 \times 10^{-8}$   
 $4 \times 10^{-8}$   
 $3 \times 10^{-8}$   
 $2 \times 10^{-8}$   
 $1 \times 10^{-8}$   
0



Time [Myr]

$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

$3 \times 10^{-6}$

$2.5 \times 10^{-6}$

$2 \times 10^{-6}$

$1.5 \times 10^{-6}$

$1 \times 10^{-6}$

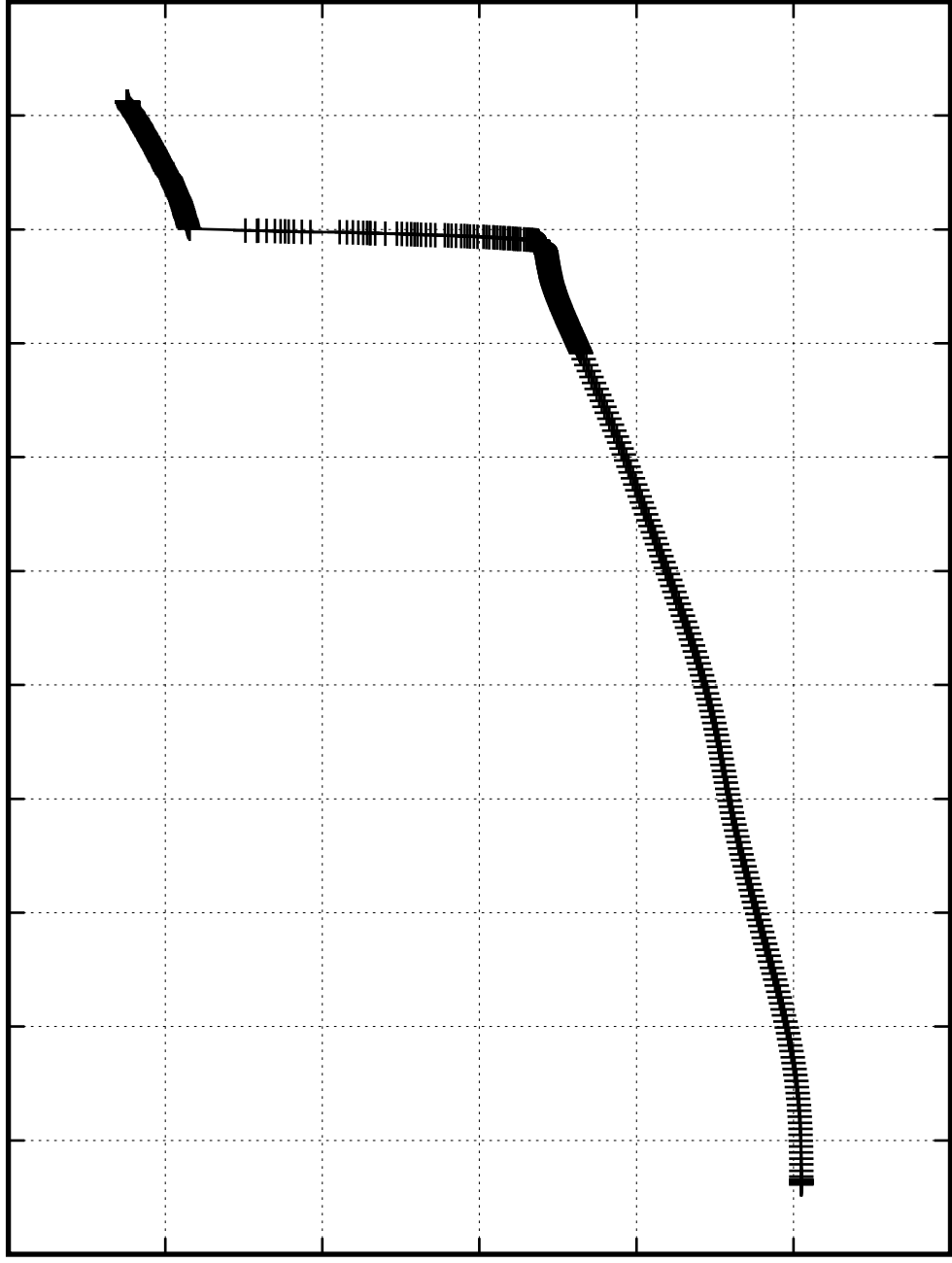
$5 \times 10^{-7}$

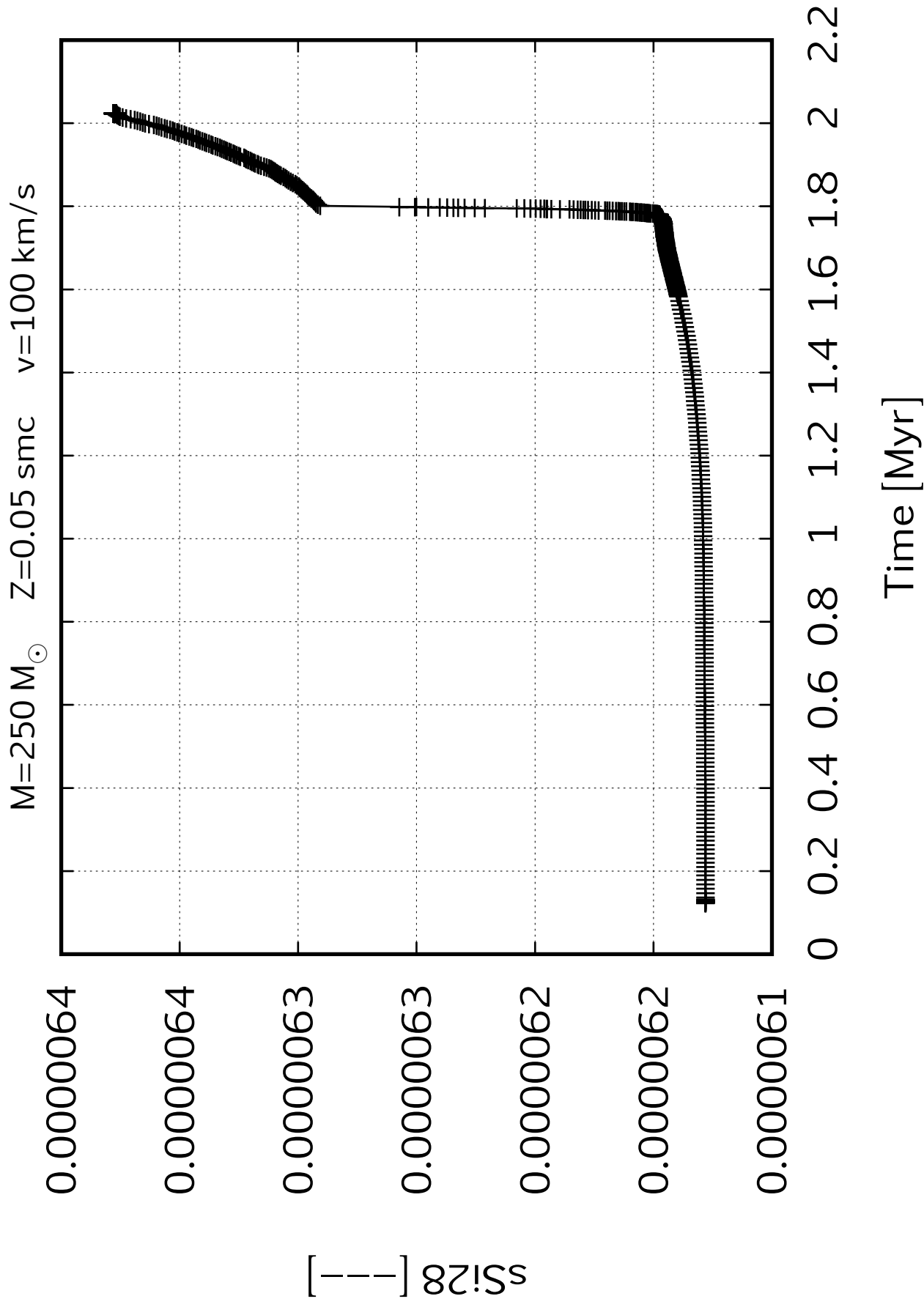
0

$^{sA127} [ - ]$

0   0.2   0.4   0.6   0.8   1   1.2   1.4   1.6   1.8   2   2.2

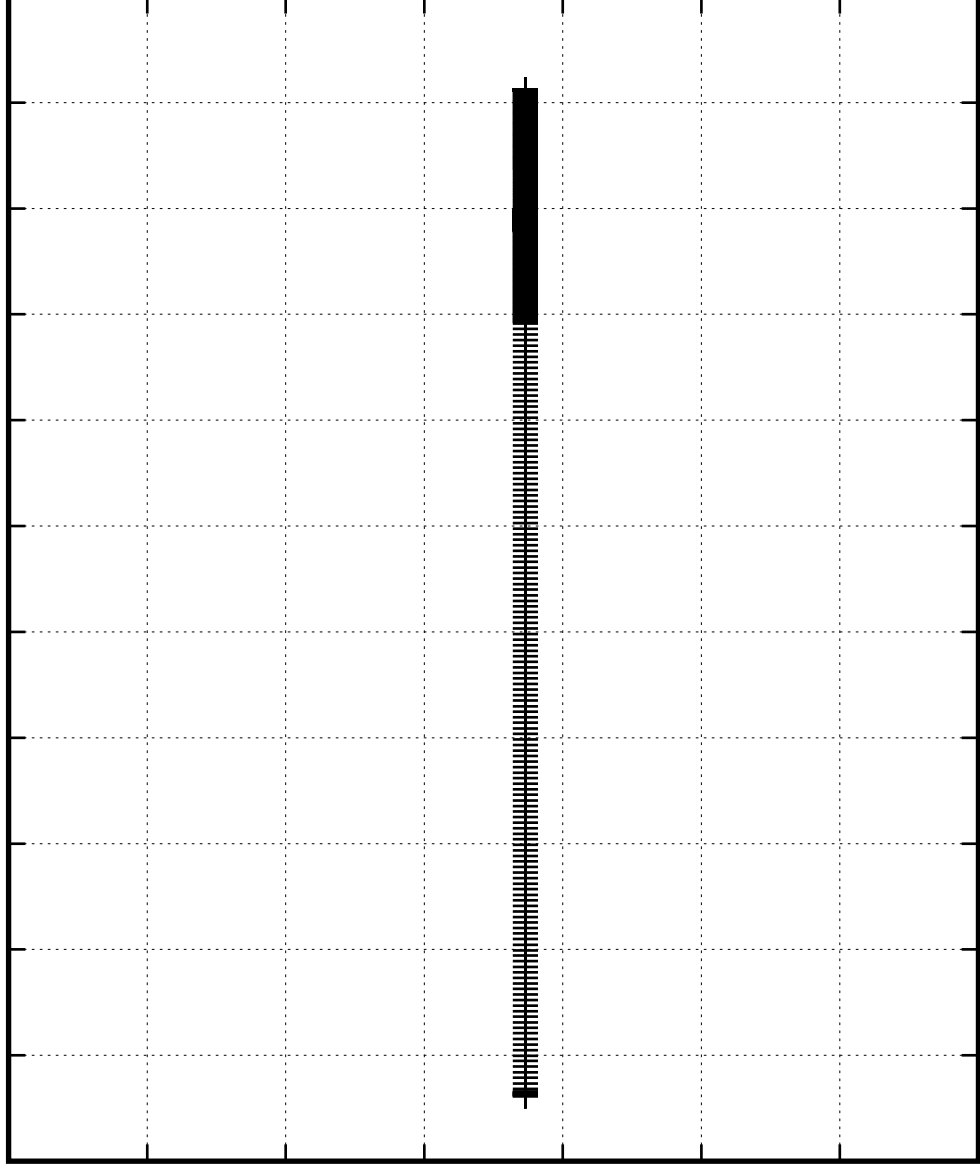
Time [Myr]





M=250 M<sub>⊙</sub>    Z=0.05 smc    v=100 km/s

[SII] 0.000000326  
0.000000325  
0.000000324  
0.000000323  
0.000000322  
0.000000321  
0.000000320  
0.000000319



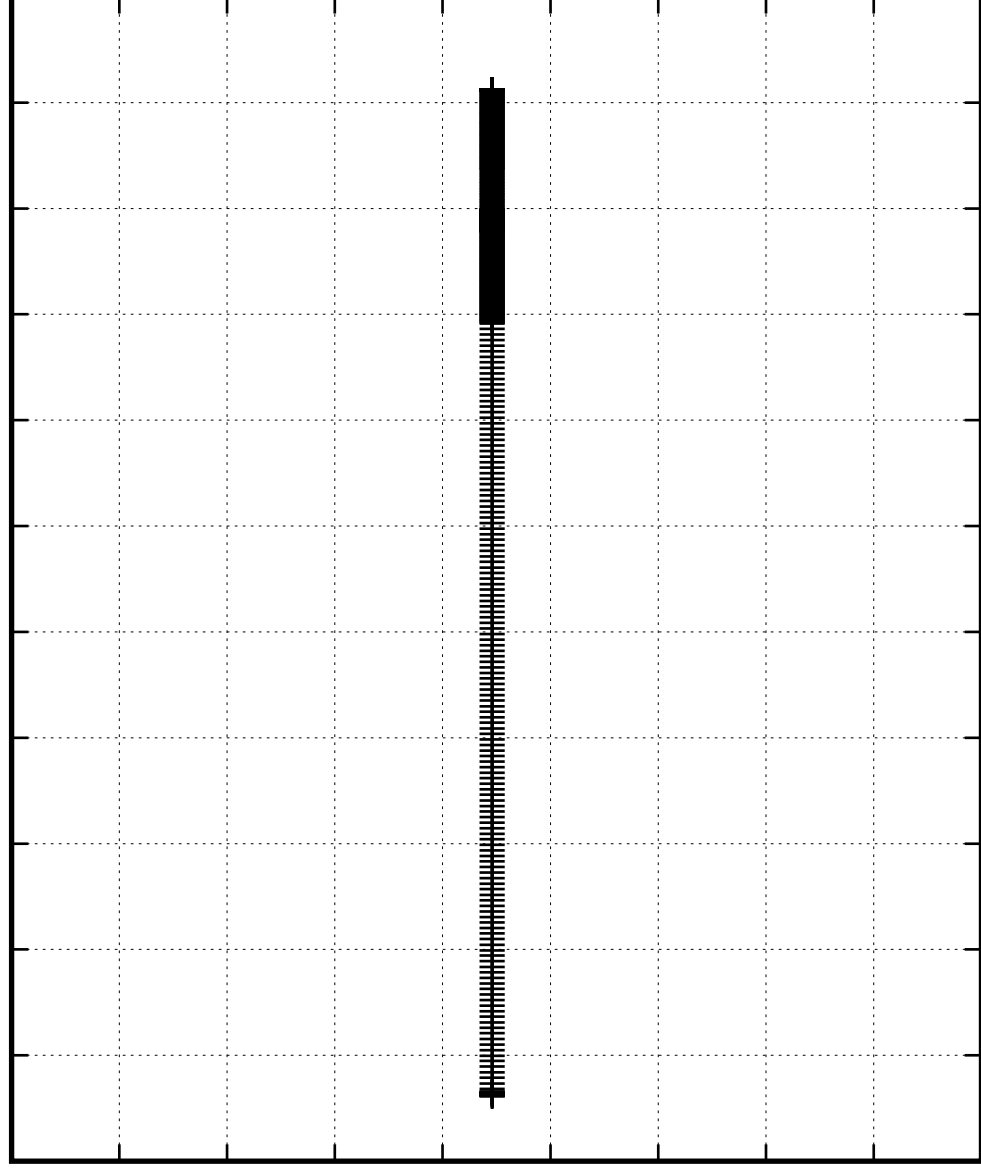
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2

Time [Myr]

$M=250\ M_{\odot}$     $Z=0.05\ \text{smc}$     $v=100\ \text{km/s}$

0.000000222  
0.000000222  
0.000000221  
0.000000221  
0.000000220  
0.000000220  
0.000000219  
0.000000219  
0.000000218  
0.000000218

$[S\!-\!30]$



0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2

Time [Myr]

$M=250\text{ M}_{\odot}$     $Z=0.05\text{ smc}$     $v=100\text{ km/s}$

0.00000128

0.00000128

0.00000127

0.00000127

0.00000126

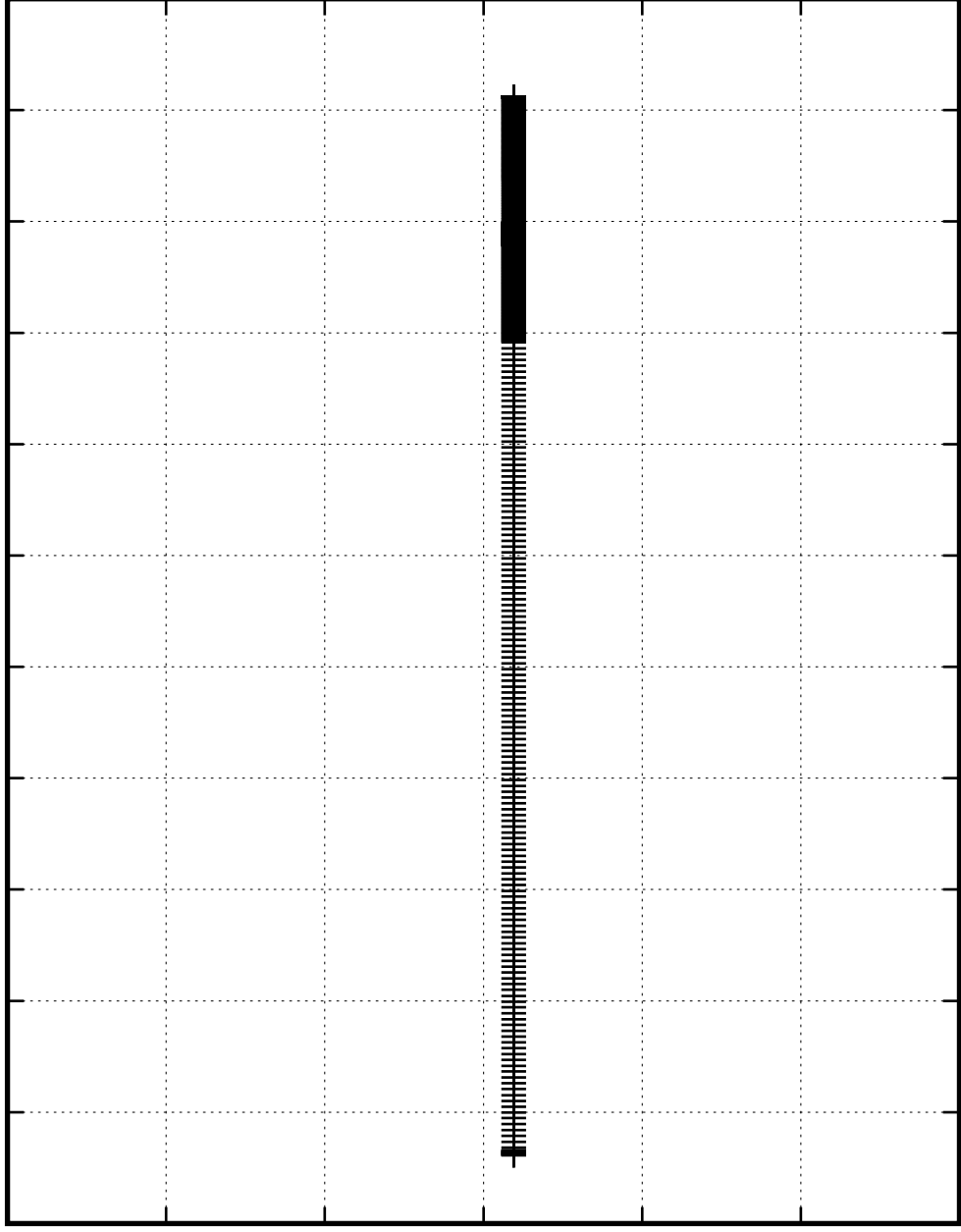
0.00000126

0.00000126

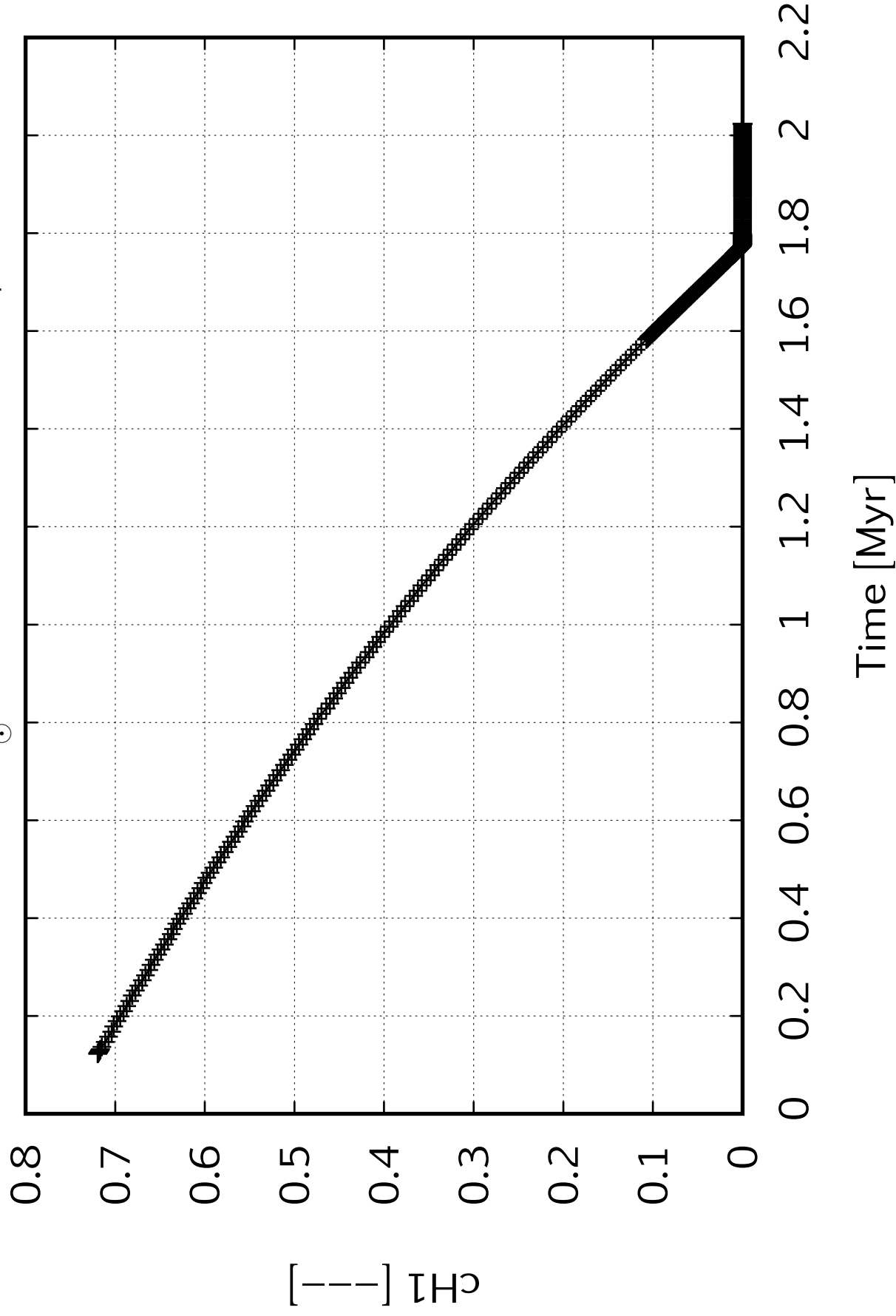
—  $s\text{Fe56}$  — [ ]

0   0.2   0.4   0.6   0.8   1   1.2   1.4   1.6   1.8   2   2.2

Time [Myr]



$M=250 M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s



M=250 M<sub>⊙</sub>    Z=0.05 smc    v=100 km/s

$[\text{C II}]$

$1.82 \times 10^{-13}$

$1.815 \times 10^{-13}$

$1.81 \times 10^{-13}$

$1.805 \times 10^{-13}$

$1.8 \times 10^{-13}$

$1.795 \times 10^{-13}$

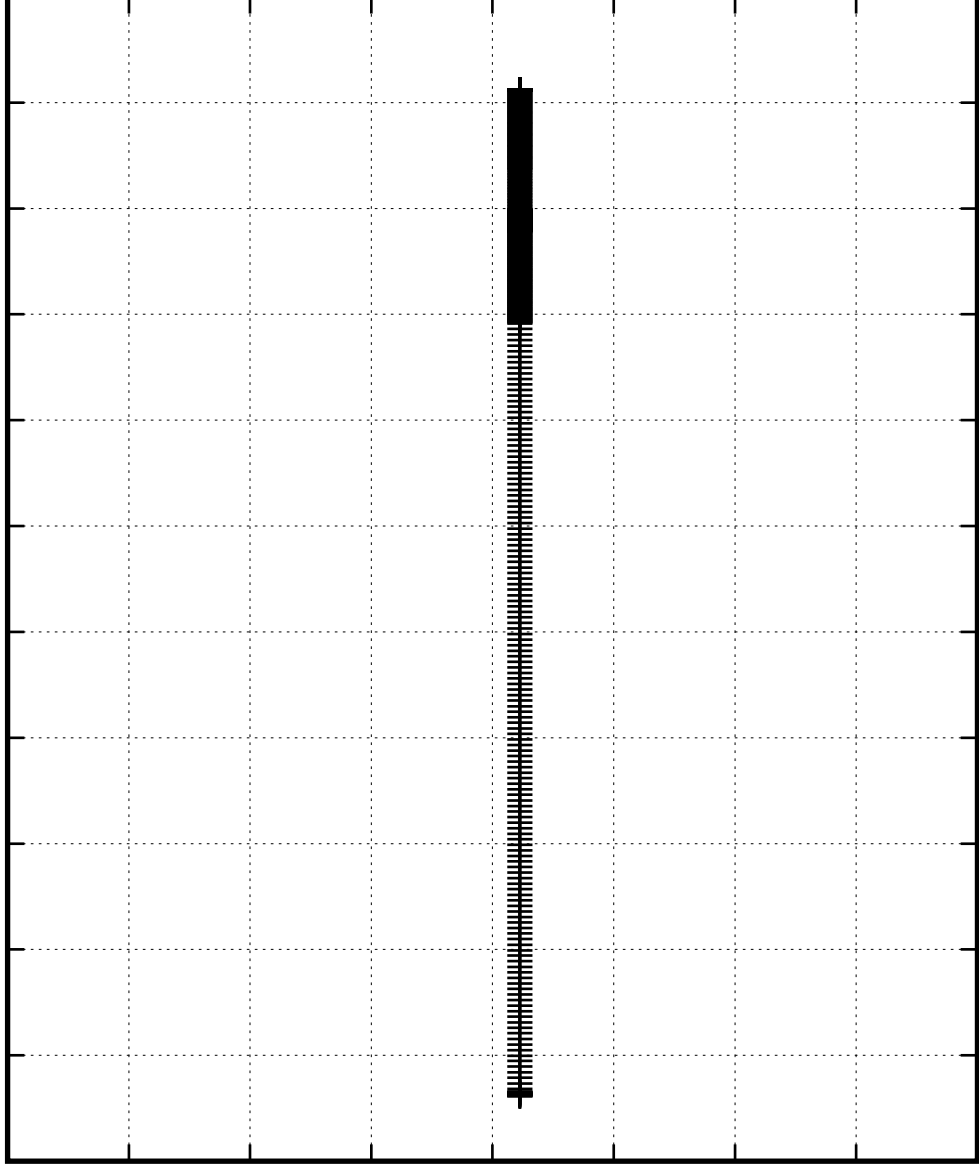
$1.79 \times 10^{-13}$

$1.785 \times 10^{-13}$

$1.78 \times 10^{-13}$

0   0.2   0.4   0.6   0.8   1   1.2   1.4   1.6   1.8   2   2.2

Time [Myr]



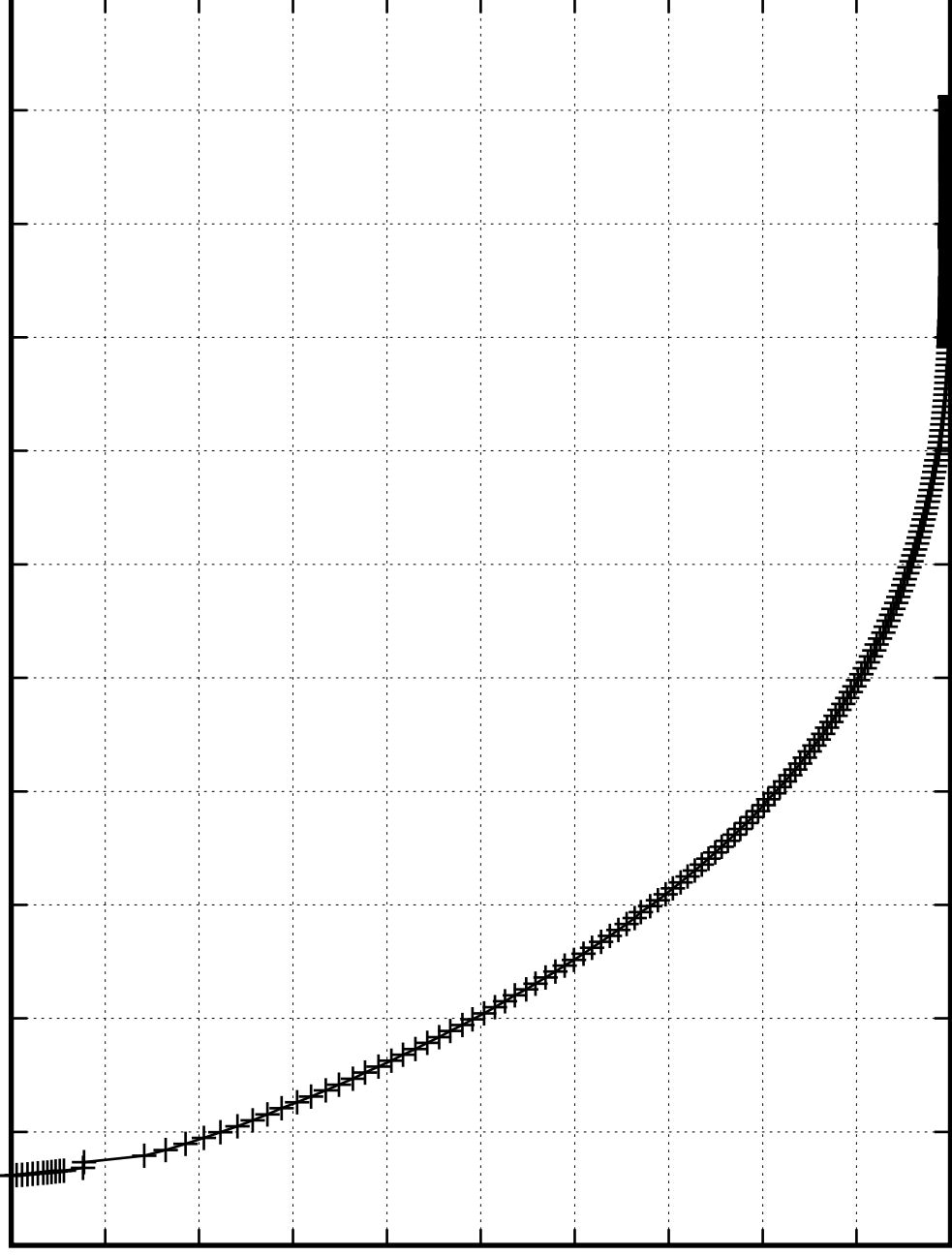
$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

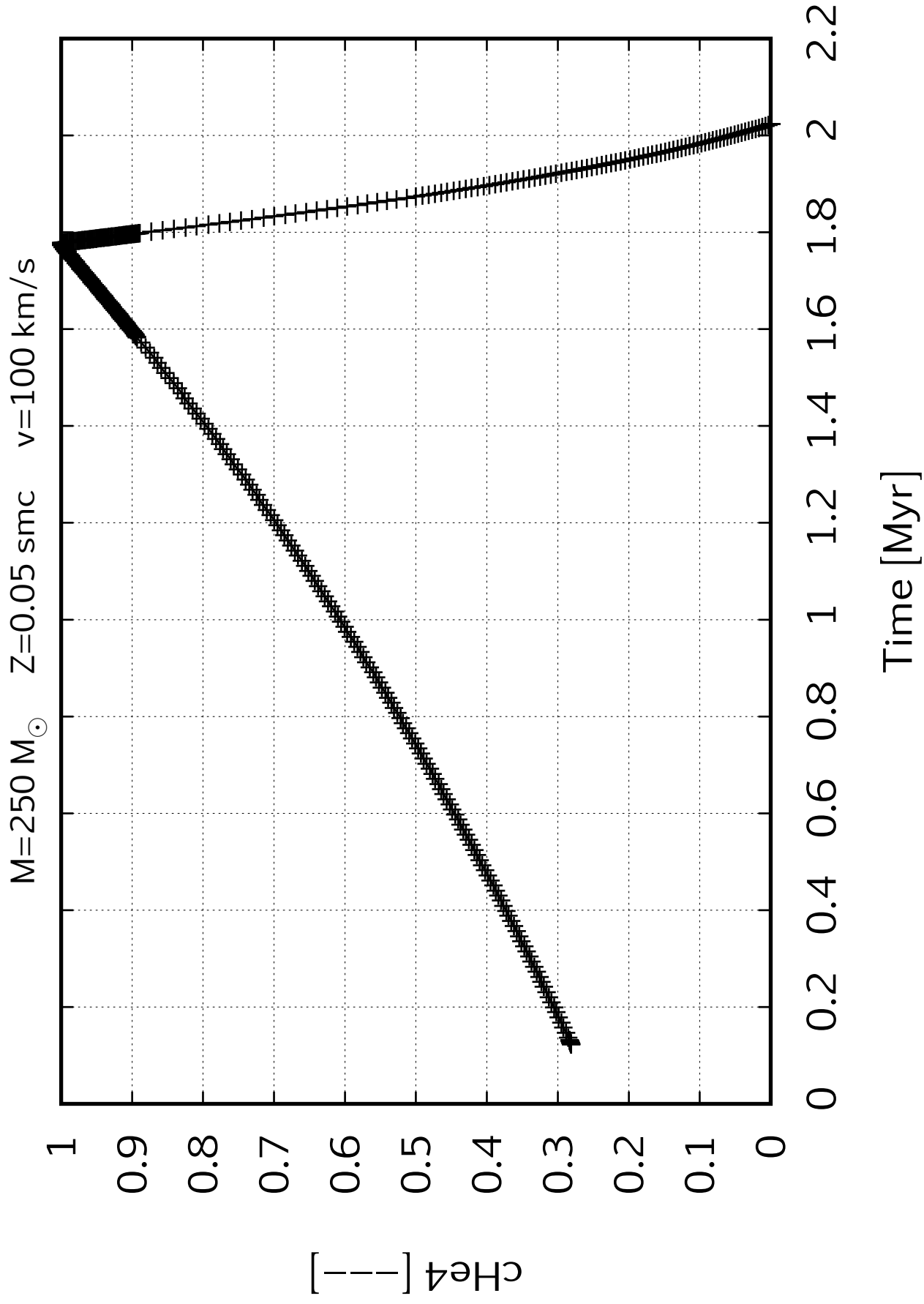
$[\text{He III}]$

$2 \times 10^{-8}$   
 $1.8 \times 10^{-8}$   
 $1.6 \times 10^{-8}$   
 $1.4 \times 10^{-8}$   
 $1.2 \times 10^{-8}$   
 $1 \times 10^{-8}$   
 $8 \times 10^{-9}$   
 $6 \times 10^{-9}$   
 $4 \times 10^{-9}$   
 $2 \times 10^{-9}$   
0

0   0.2   0.4   0.6   0.8   1   1.2   1.4   1.6   1.8   2   2.2

Time [Myr]





$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

$3 \times 10^{-31}$

$2.5 \times 10^{-31}$

$2 \times 10^{-31}$

$1.5 \times 10^{-31}$

$1 \times 10^{-31}$

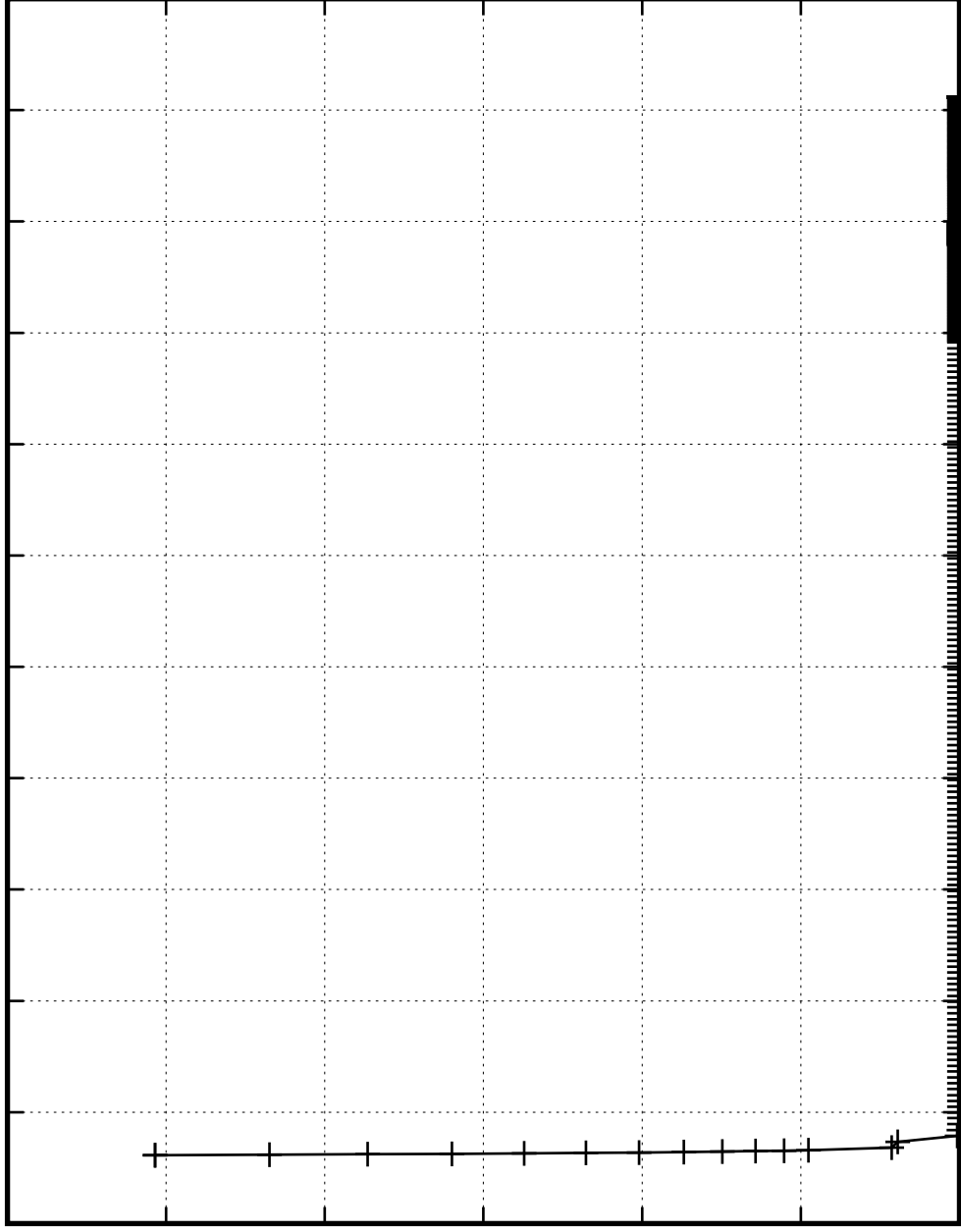
$5 \times 10^{-32}$

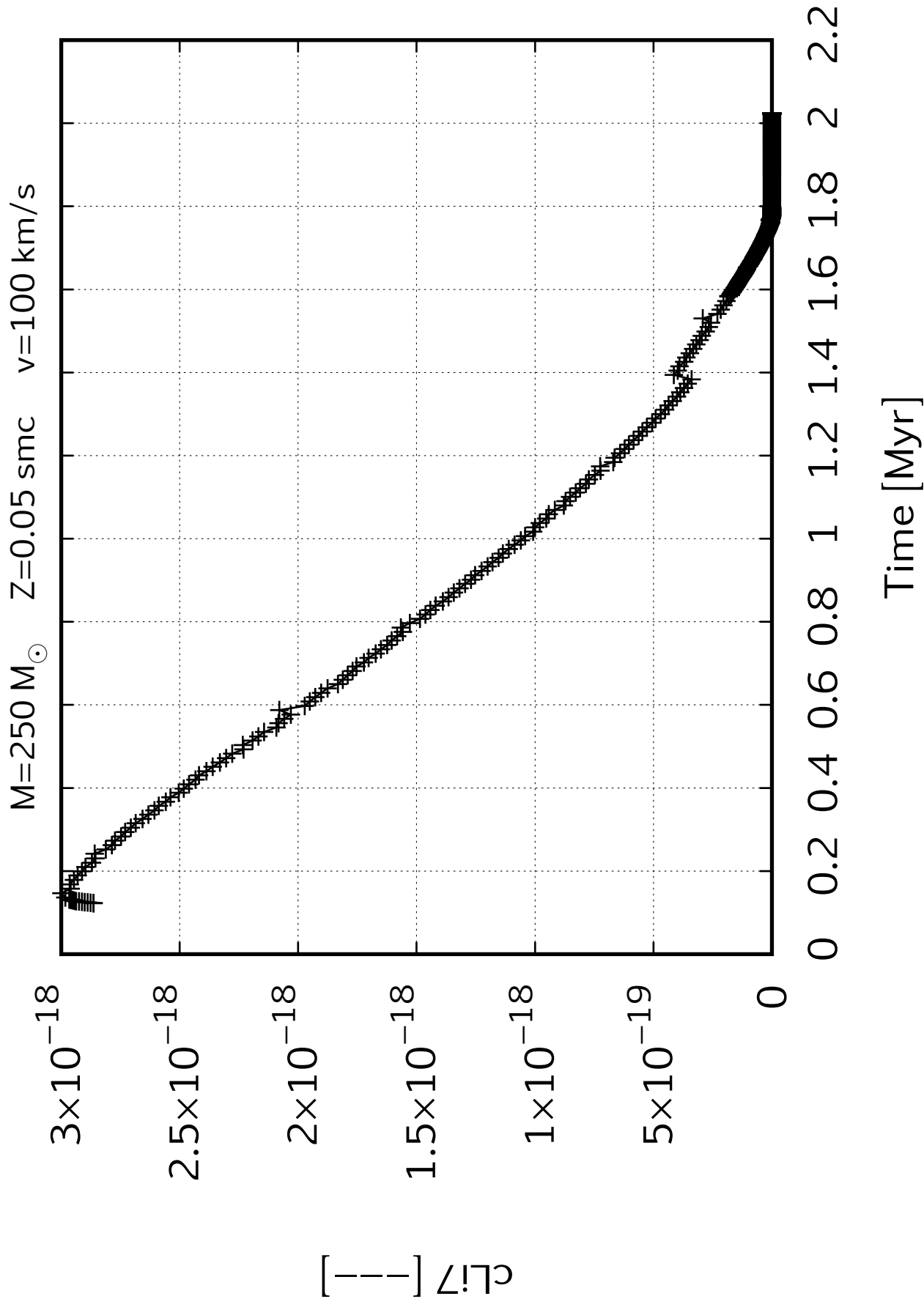
0

$[\text{Li}]_9$

Time [Myr]

0   0.2   0.4   0.6   0.8   1   1.2   1.4   1.6   1.8   2   2.2

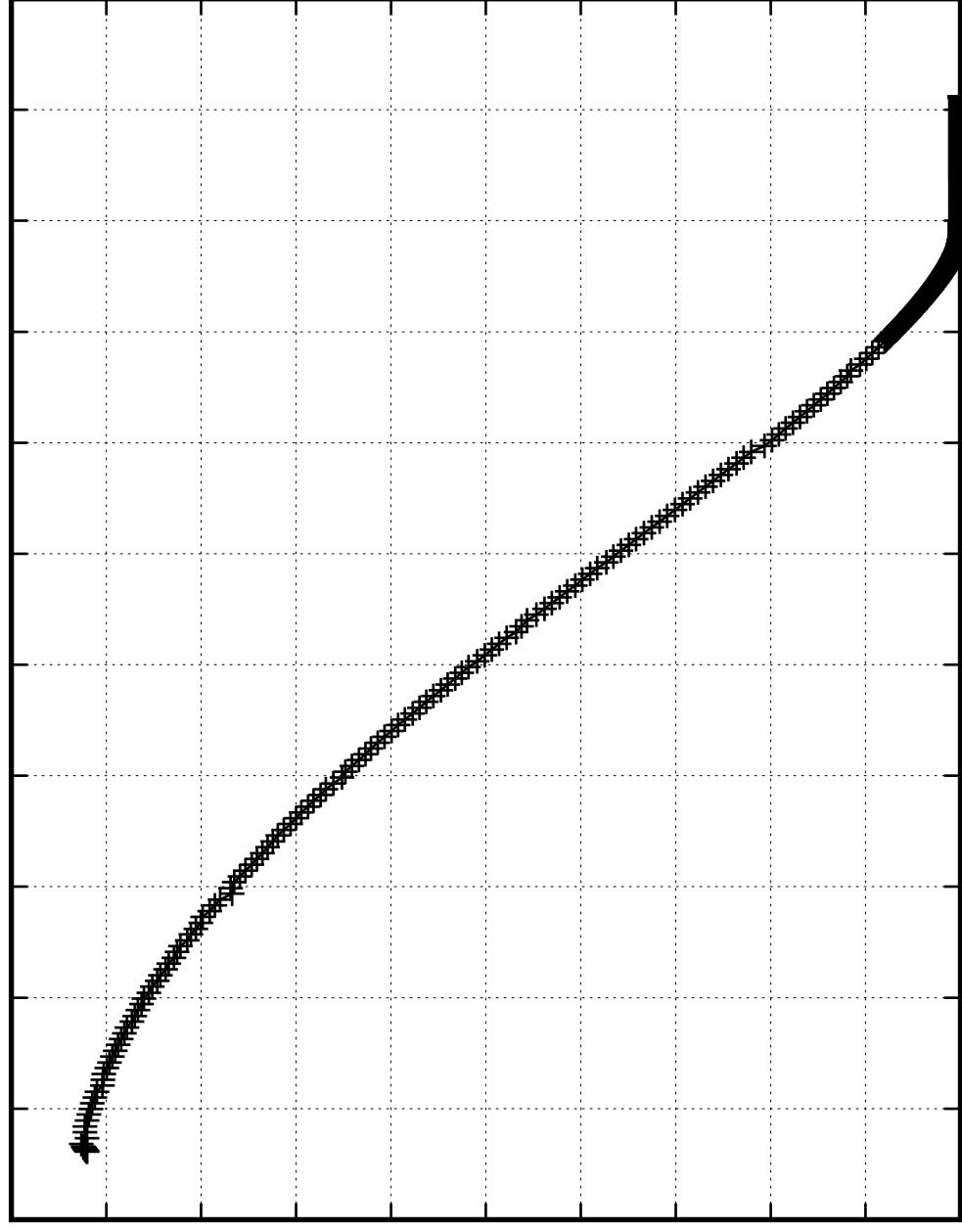




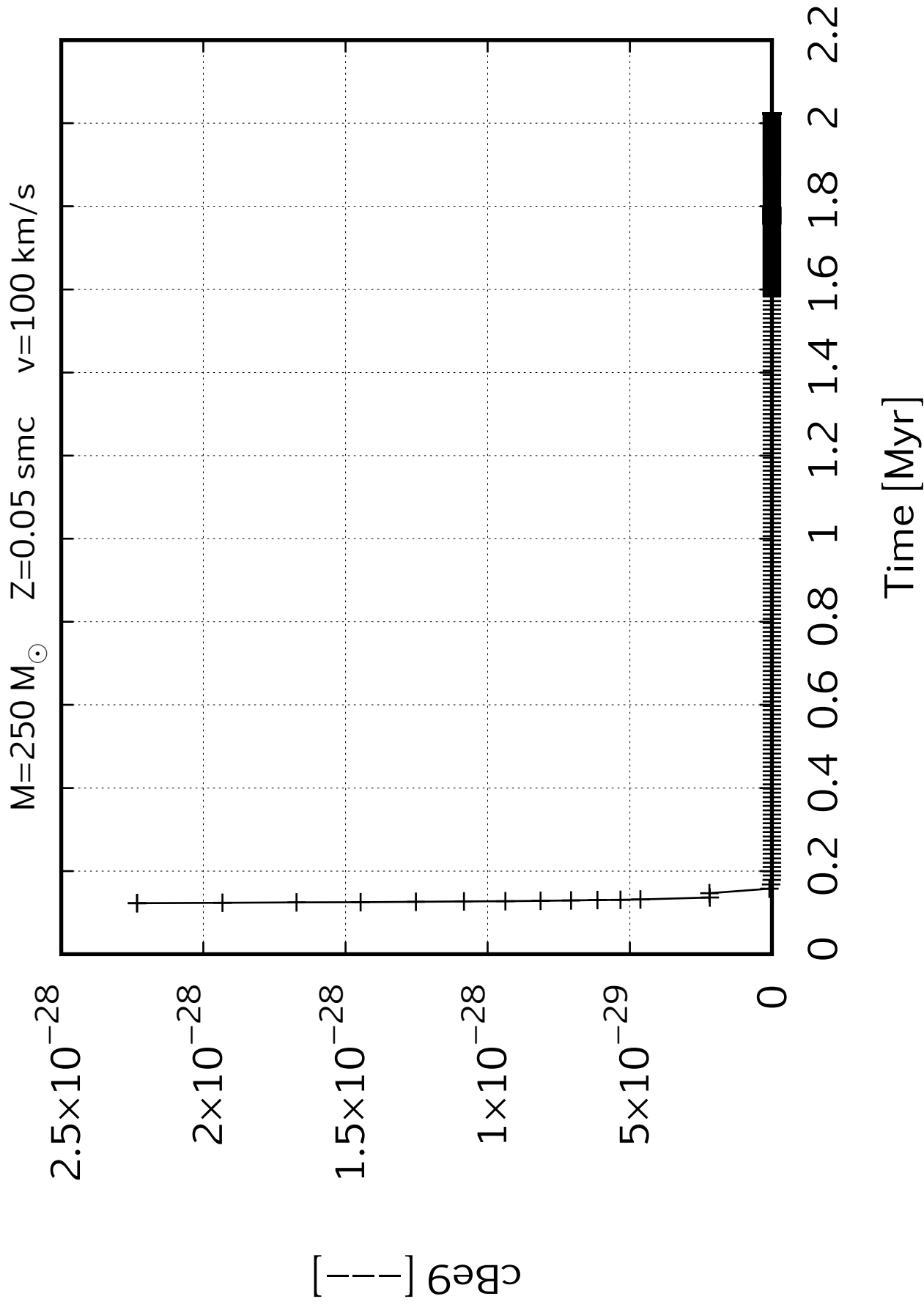
$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

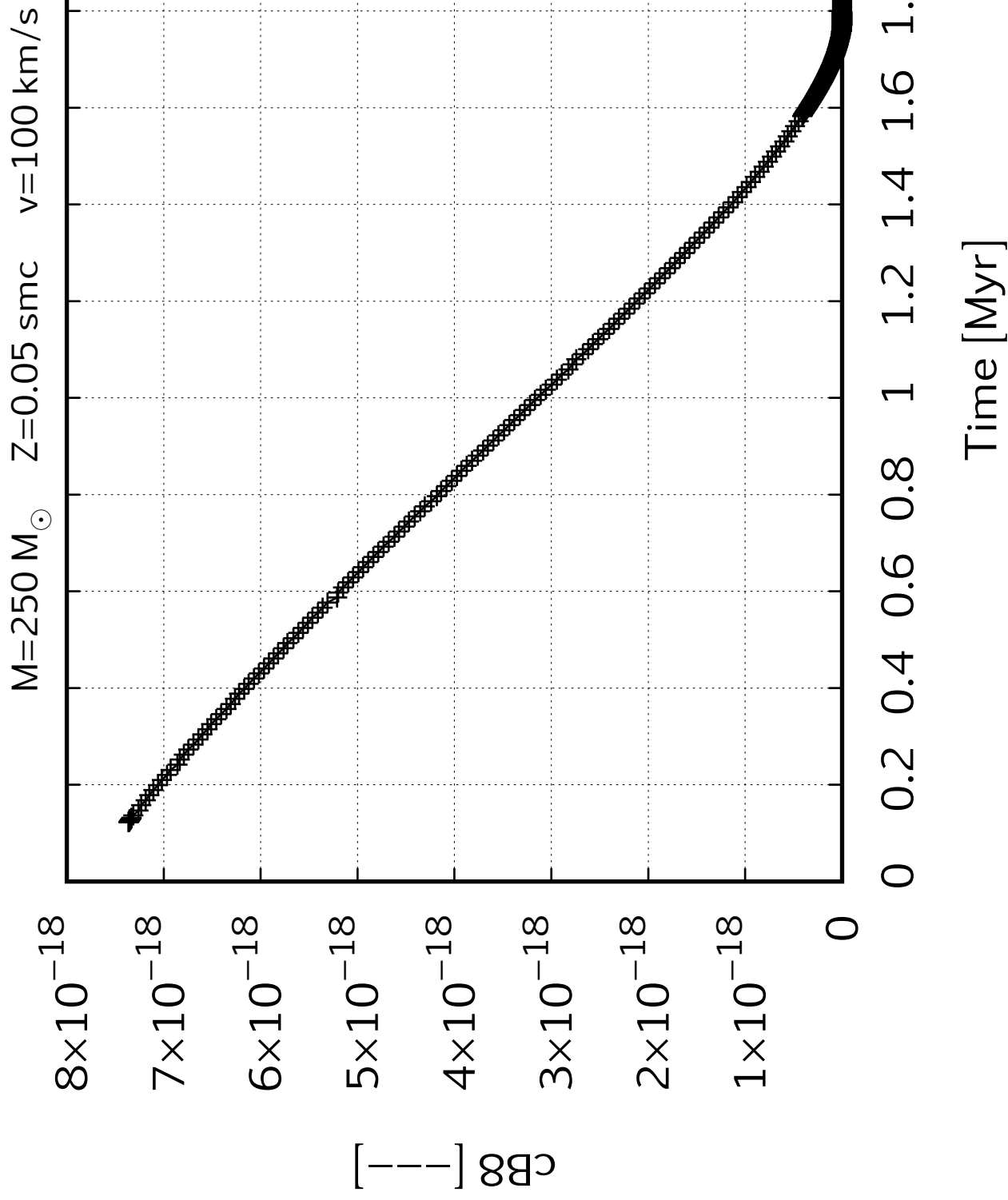
$[\text{cBe7}]$

$2 \times 10^{-11}$   
 $1.8 \times 10^{-11}$   
 $1.6 \times 10^{-11}$   
 $1.4 \times 10^{-11}$   
 $1.2 \times 10^{-11}$   
 $1 \times 10^{-11}$   
 $8 \times 10^{-12}$   
 $6 \times 10^{-12}$   
 $4 \times 10^{-12}$   
 $2 \times 10^{-12}$   
0



Time [Myr]





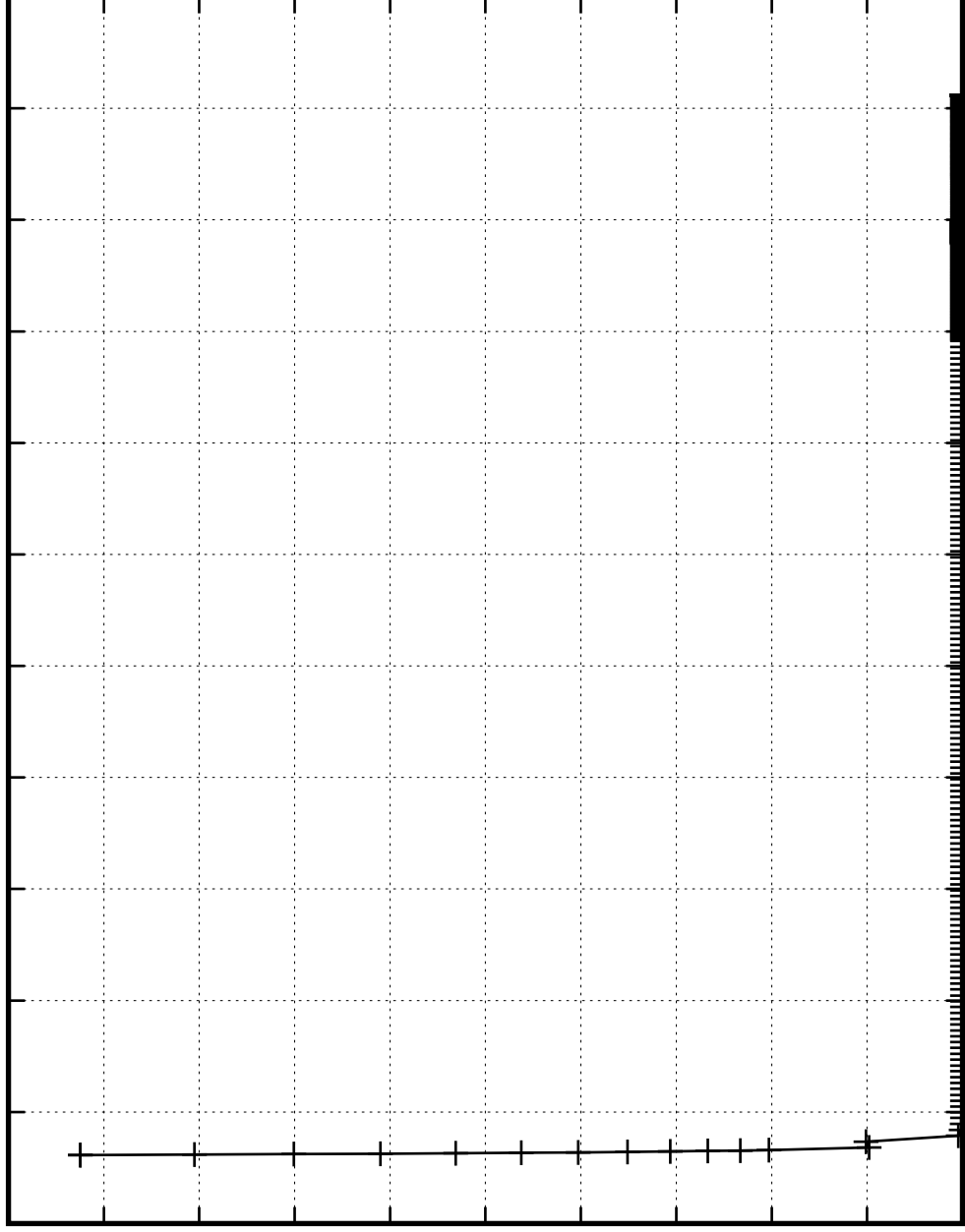
$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

$c_{B10}$  [ ]

$2 \times 10^{-21}$   
 $1.8 \times 10^{-21}$   
 $1.6 \times 10^{-21}$   
 $1.4 \times 10^{-21}$   
 $1.2 \times 10^{-21}$   
 $1 \times 10^{-21}$   
 $8 \times 10^{-22}$   
 $6 \times 10^{-22}$   
 $4 \times 10^{-22}$   
 $2 \times 10^{-22}$   
0

0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2

Time [Myr]



$M=250 M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

$8 \times 10^{-23}$

$7 \times 10^{-23}$

$6 \times 10^{-23}$

$5 \times 10^{-23}$

$4 \times 10^{-23}$

$3 \times 10^{-23}$

$2 \times 10^{-23}$

$1 \times 10^{-23}$

0

$[I_{\text{B11}}]$

0

0.2

0.4

0.6

0.8

1

1.2

1.4

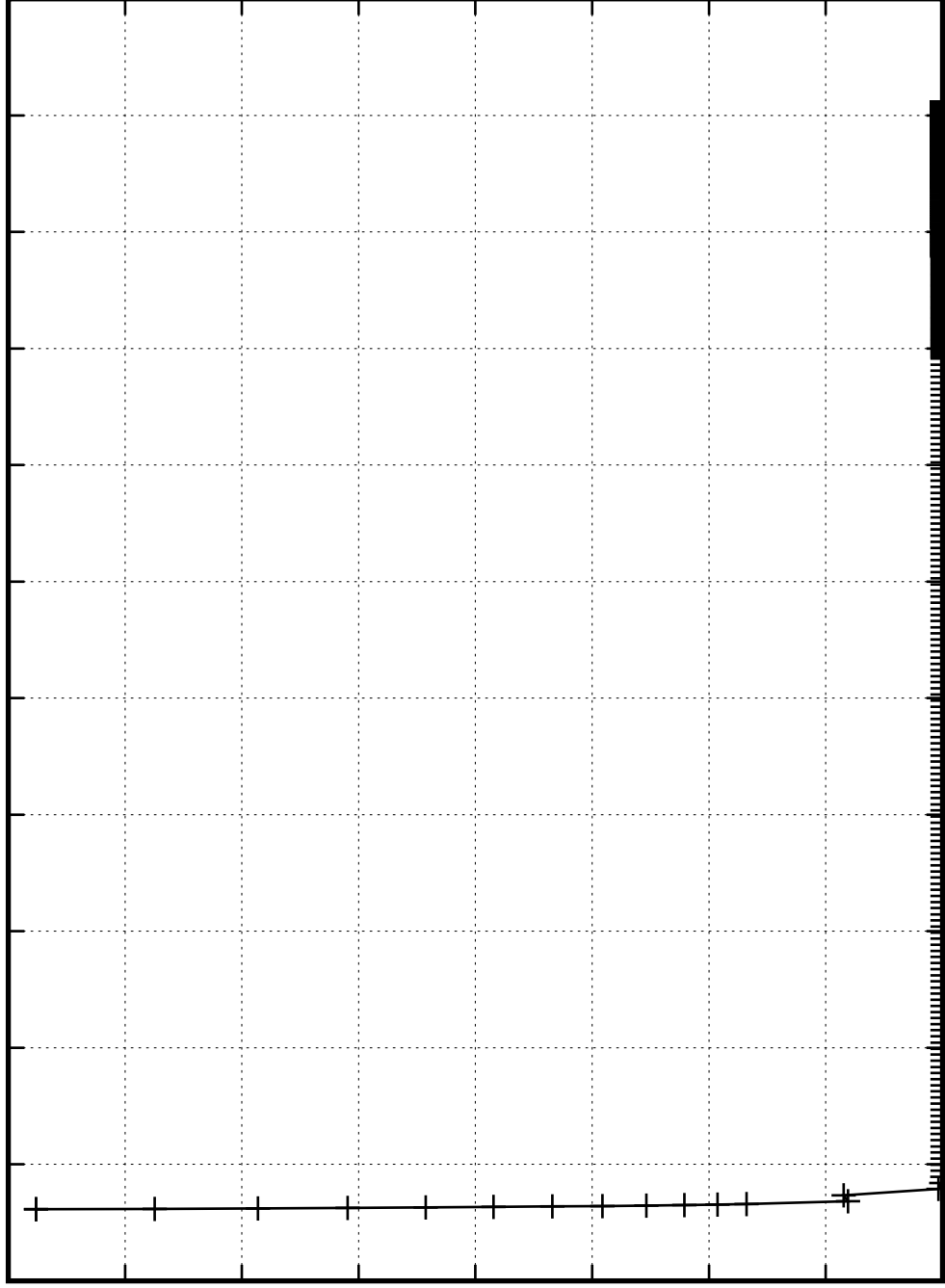
1.6

1.8

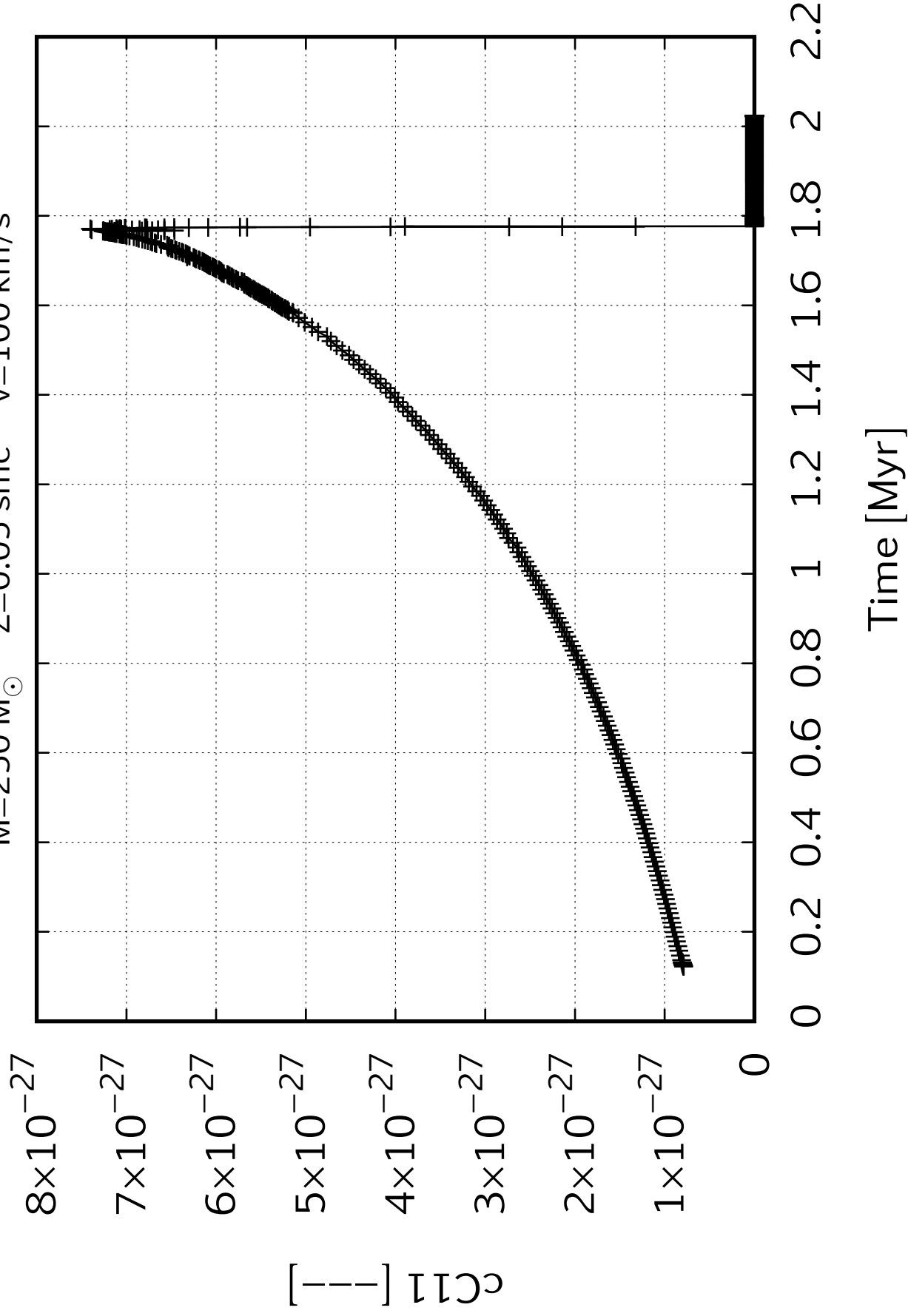
2

2.2

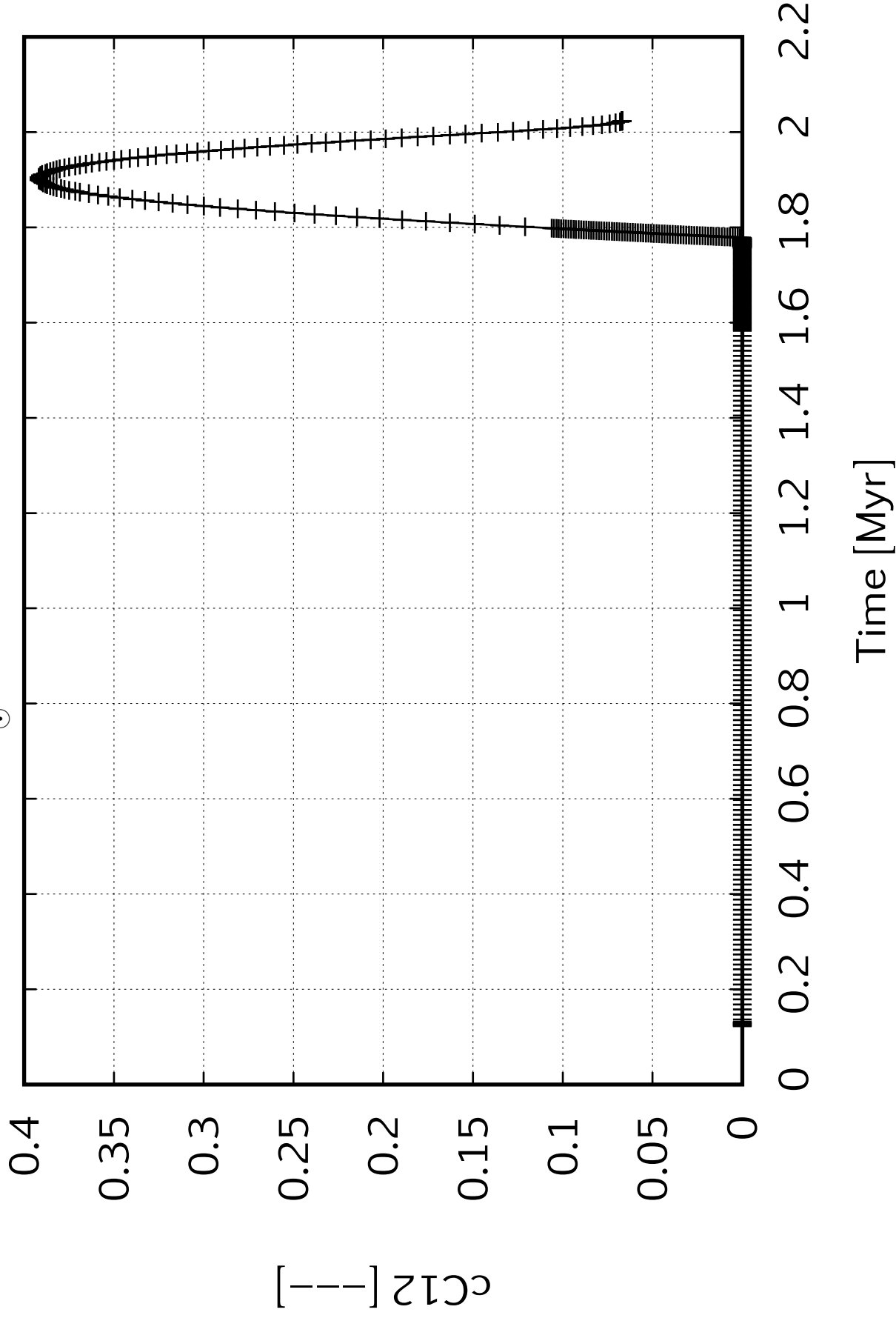
Time [Myr]

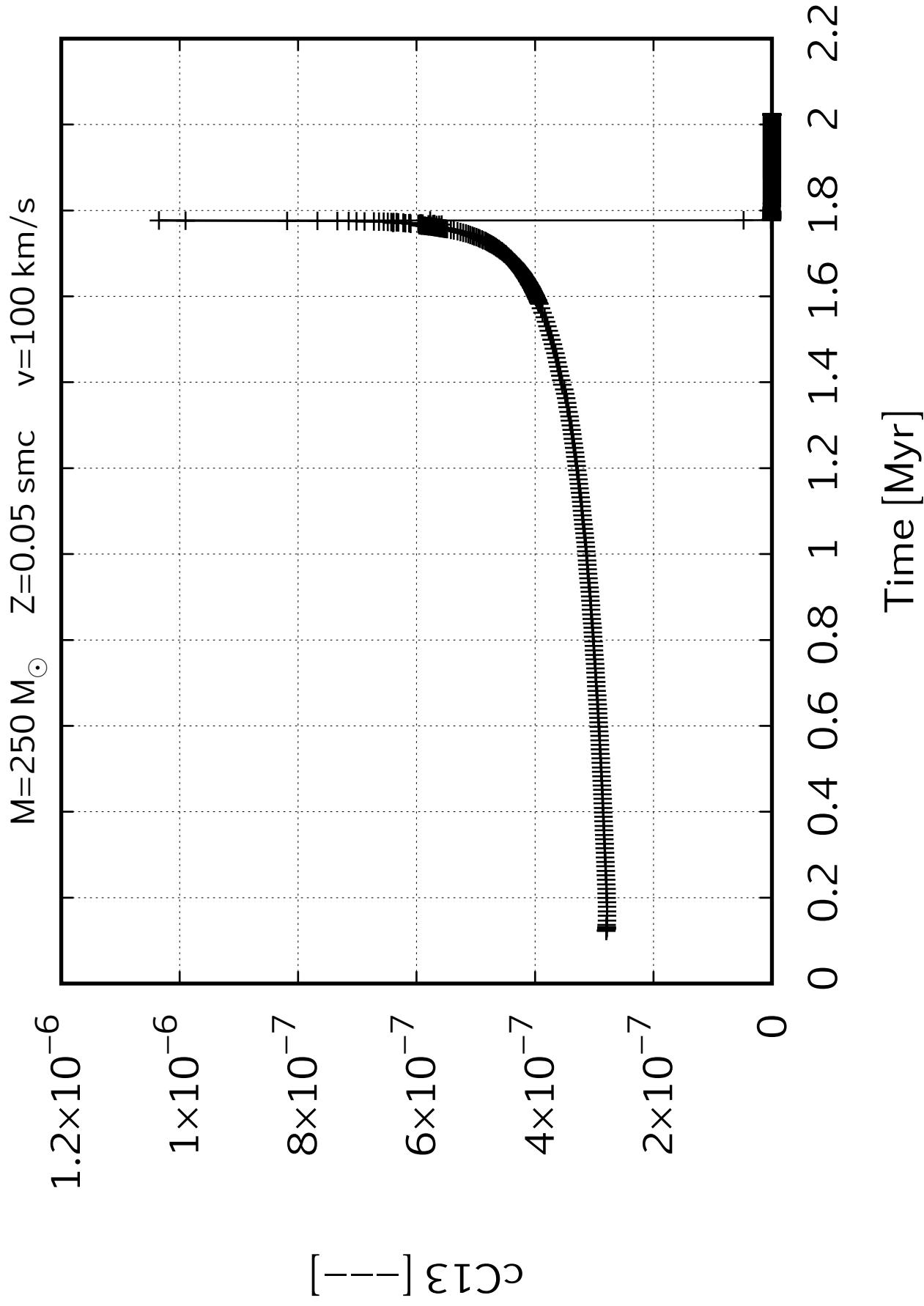


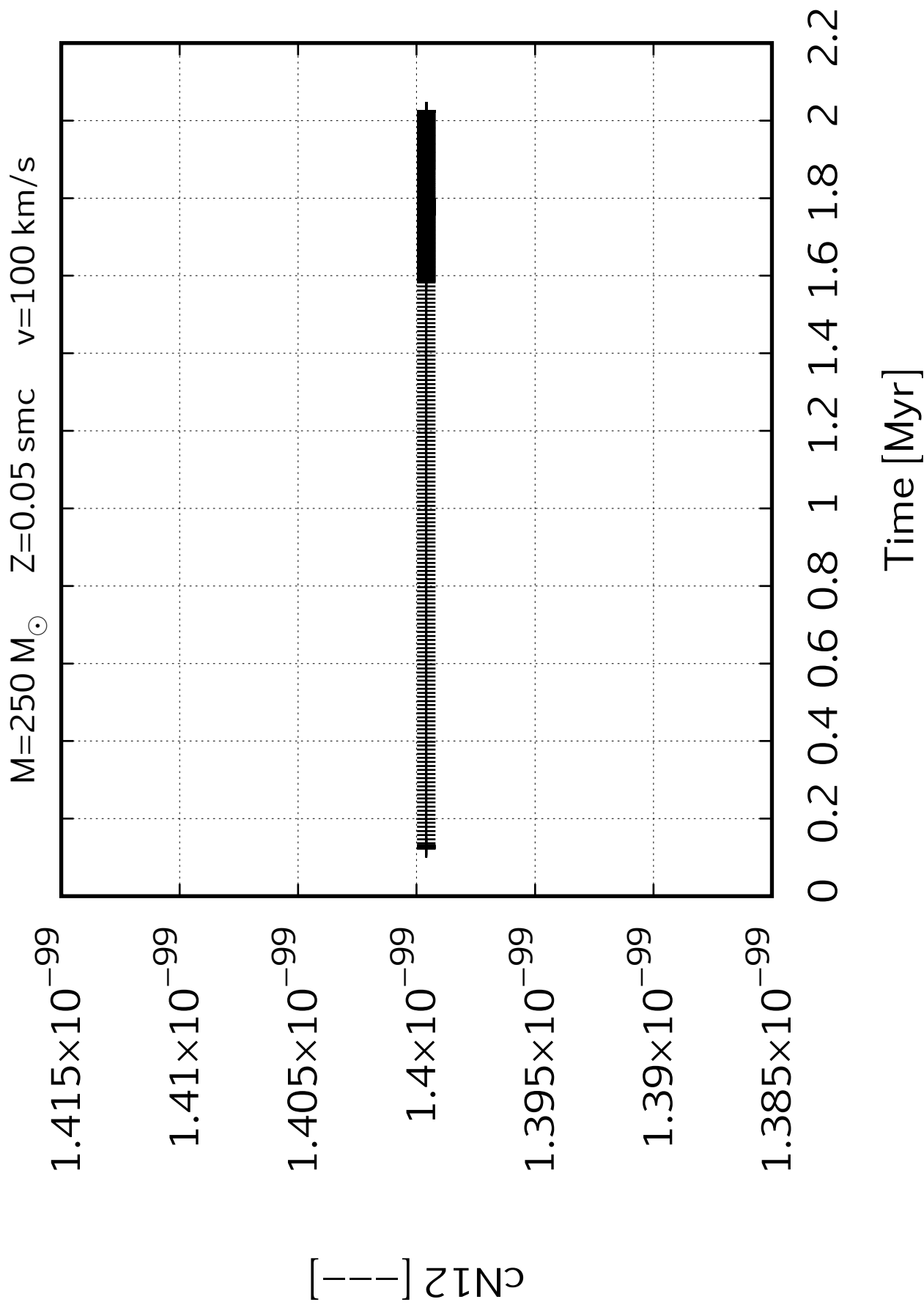
$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s



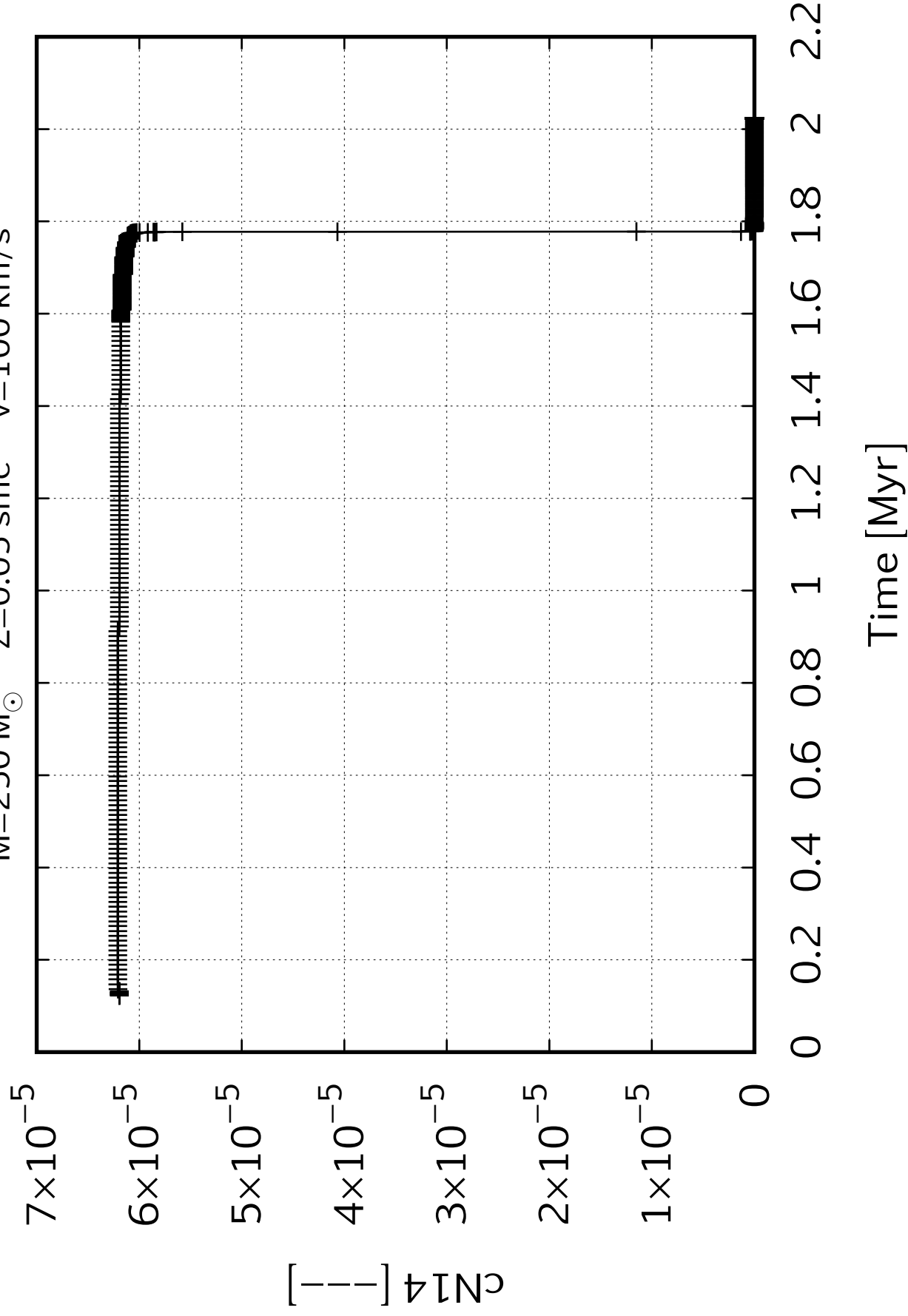
$M=250\ M_{\odot}$     $Z=0.05\ \text{smc}$     $v=100\ \text{km/s}$

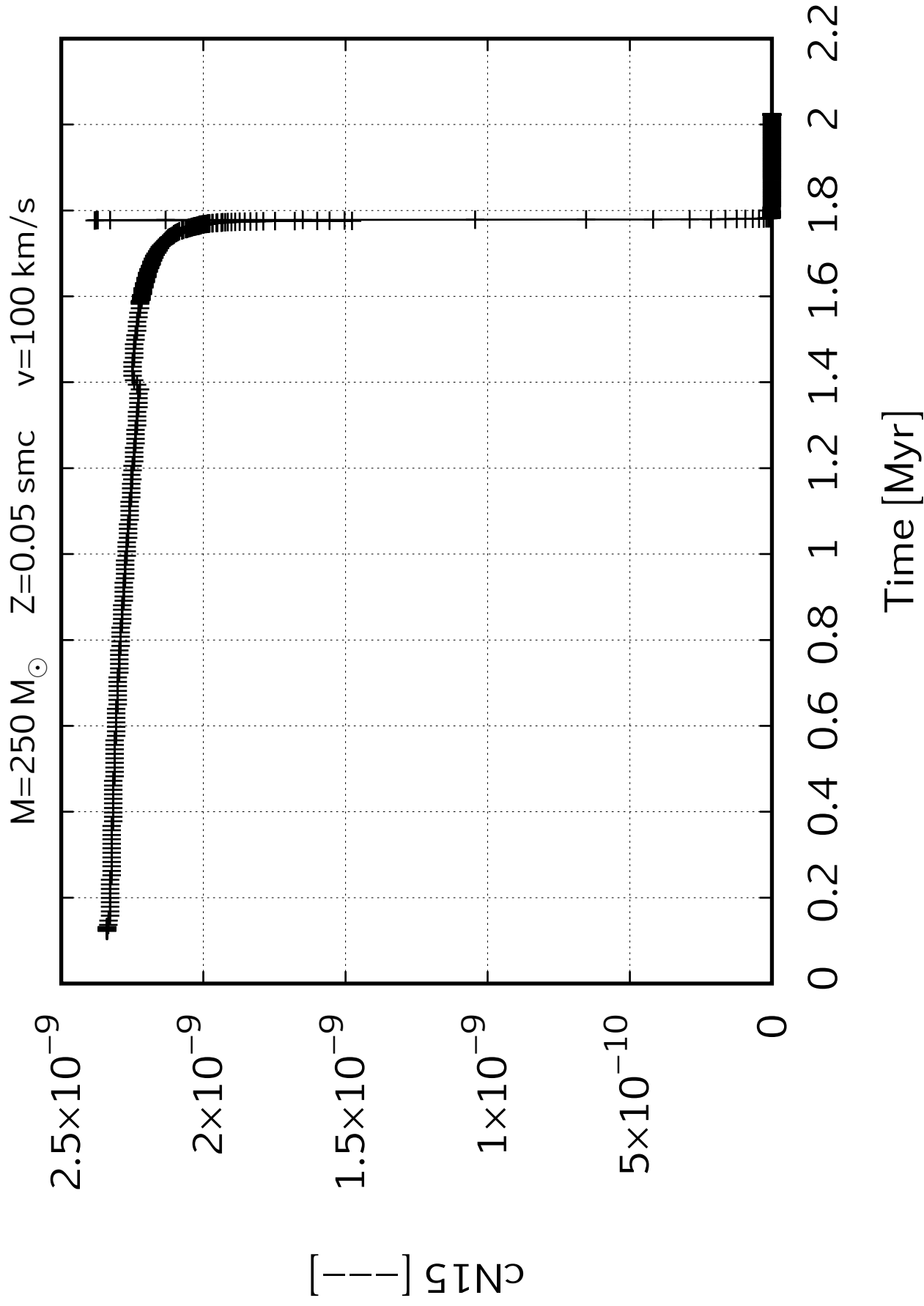




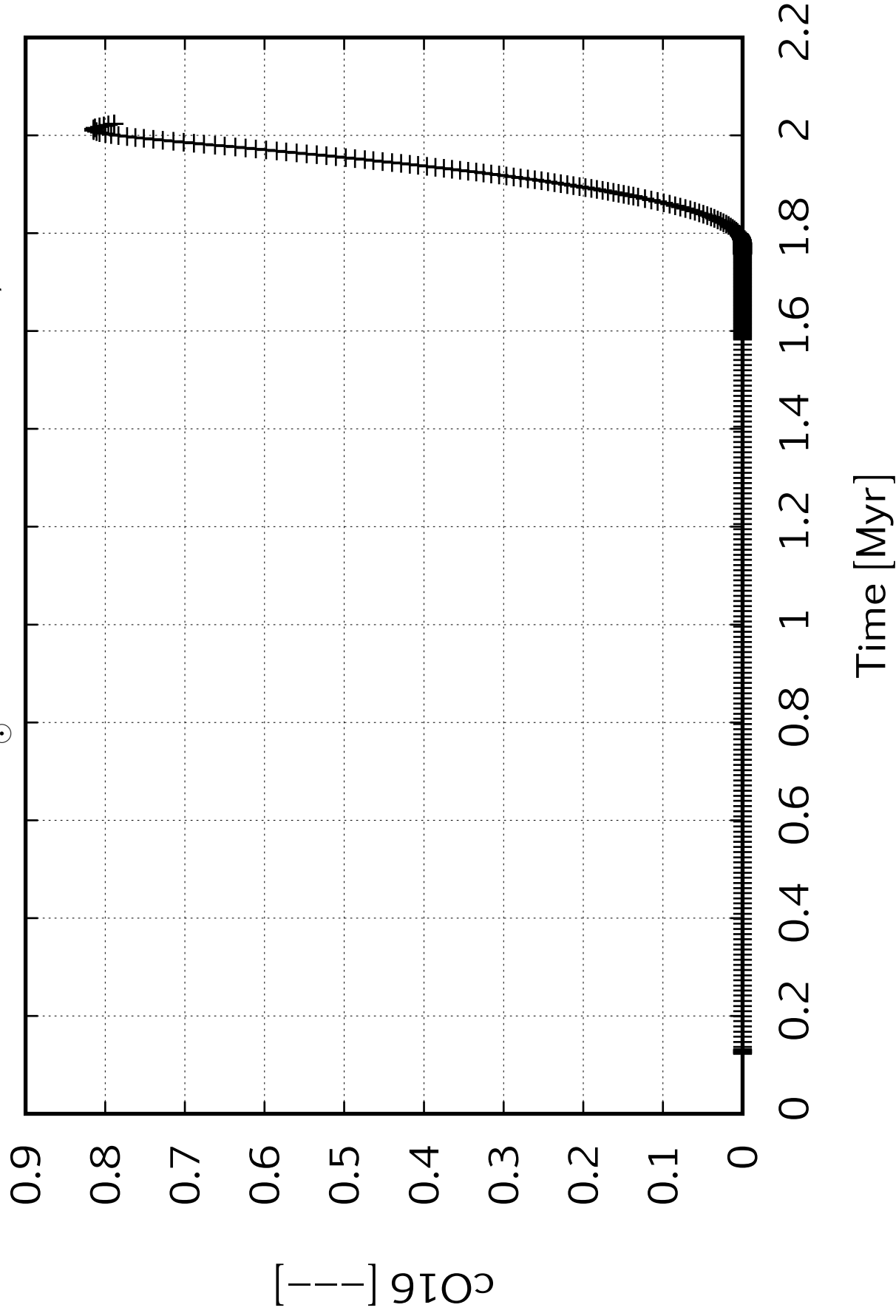


$M=250\ M_{\odot}$     $Z=0.05\ \text{smc}$     $v=100\ \text{km/s}$

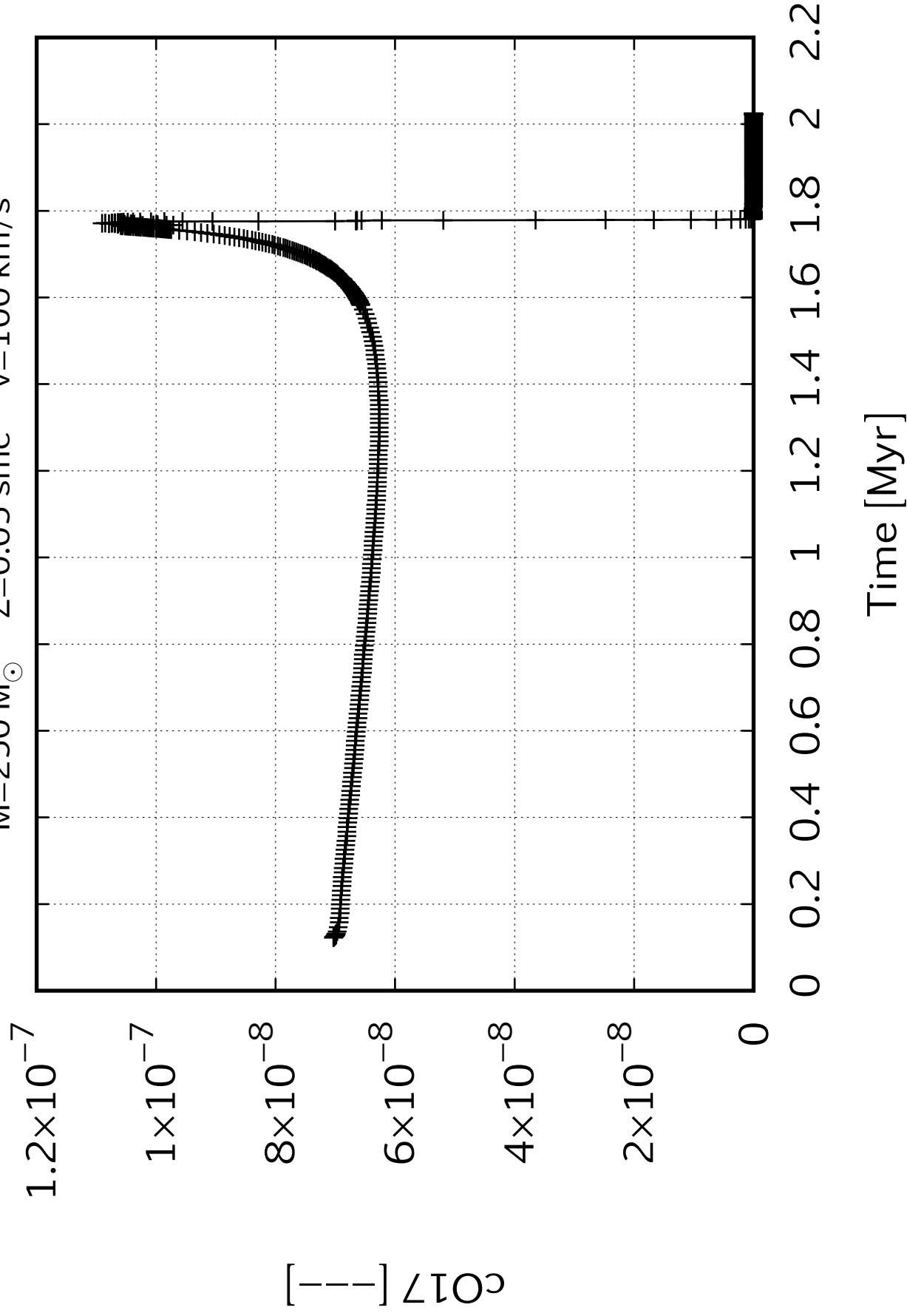




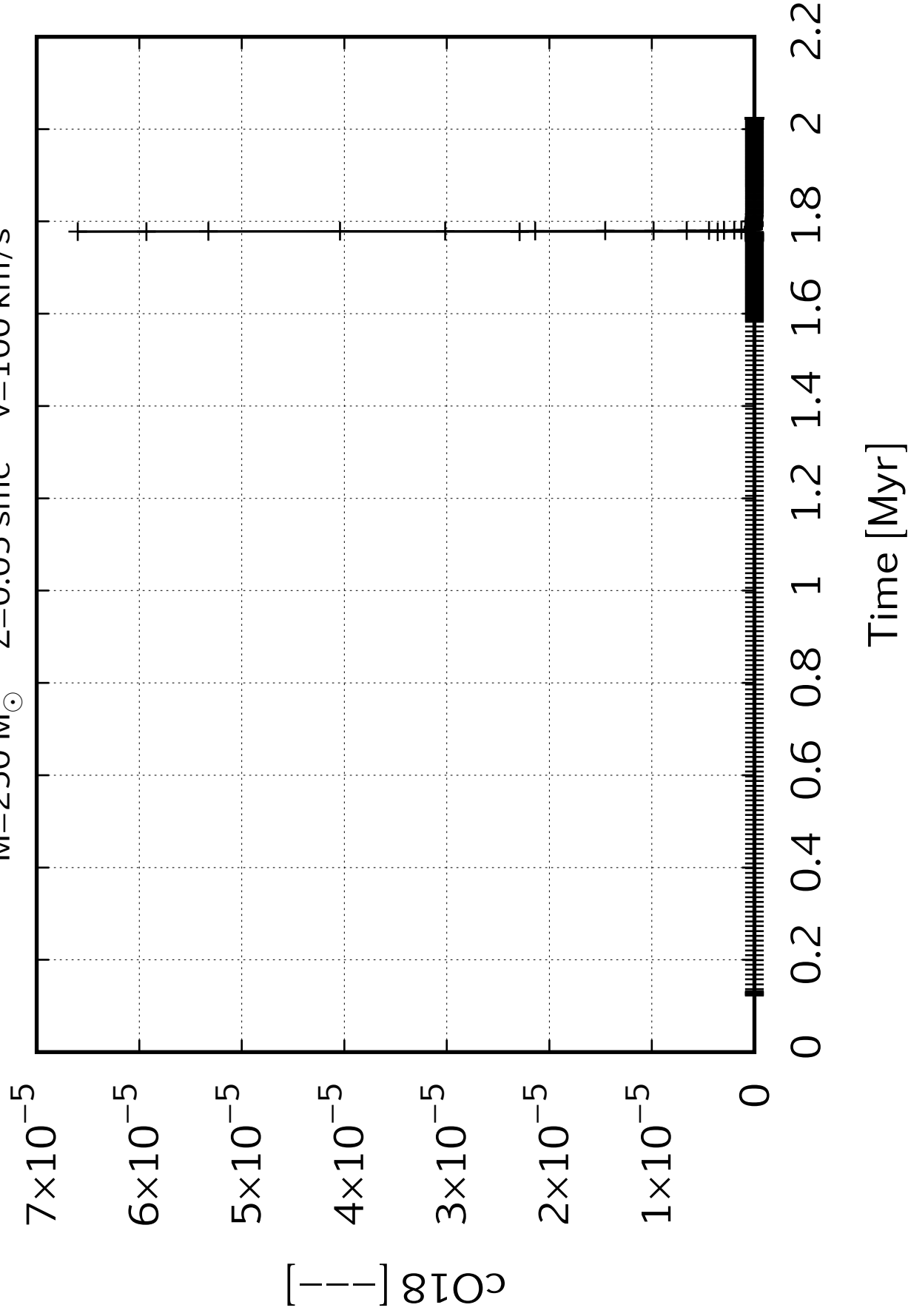
$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

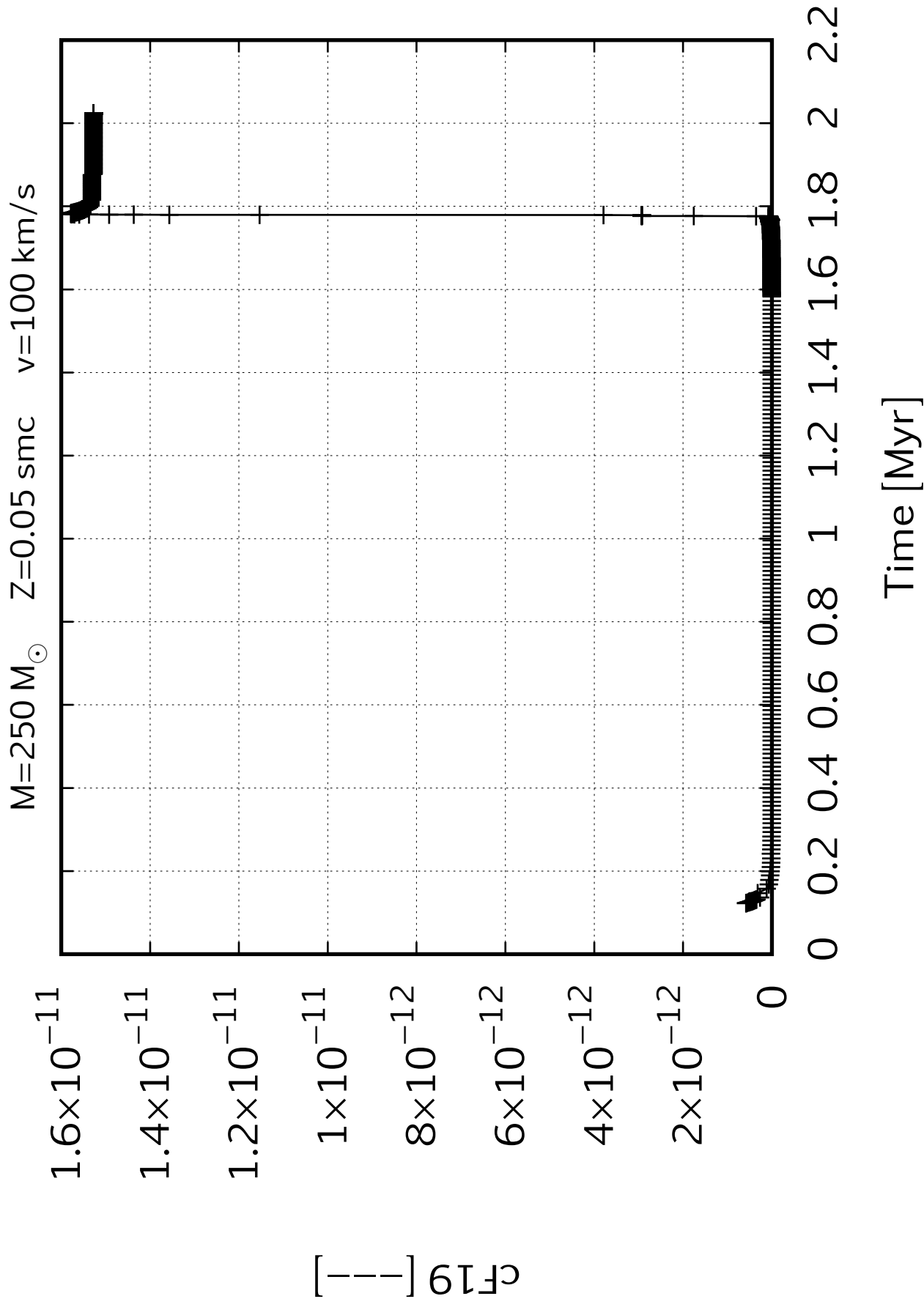


$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

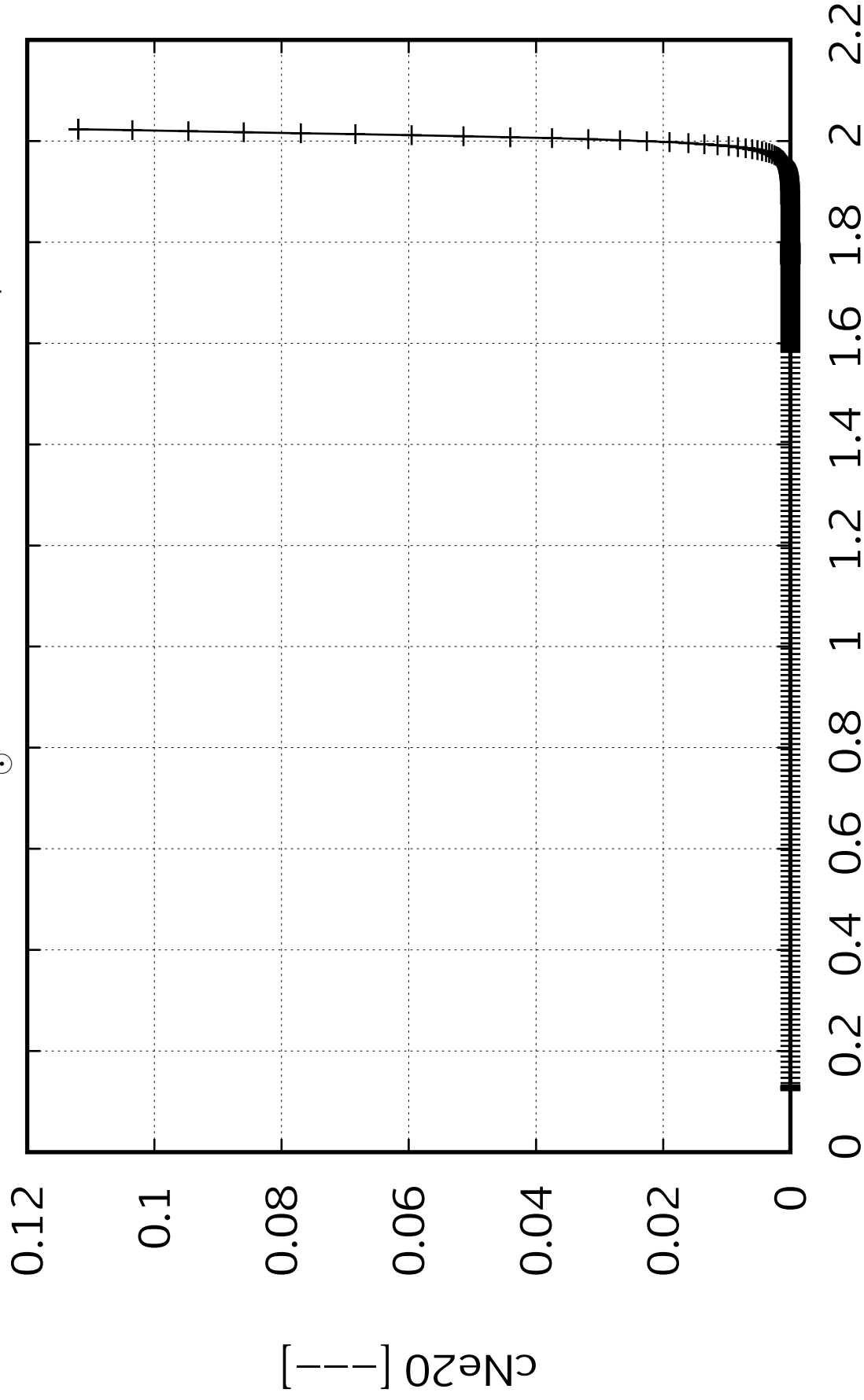


$M=250\ M_{\odot}$     $Z=0.05\ \text{snc}$     $v=100\ \text{km/s}$

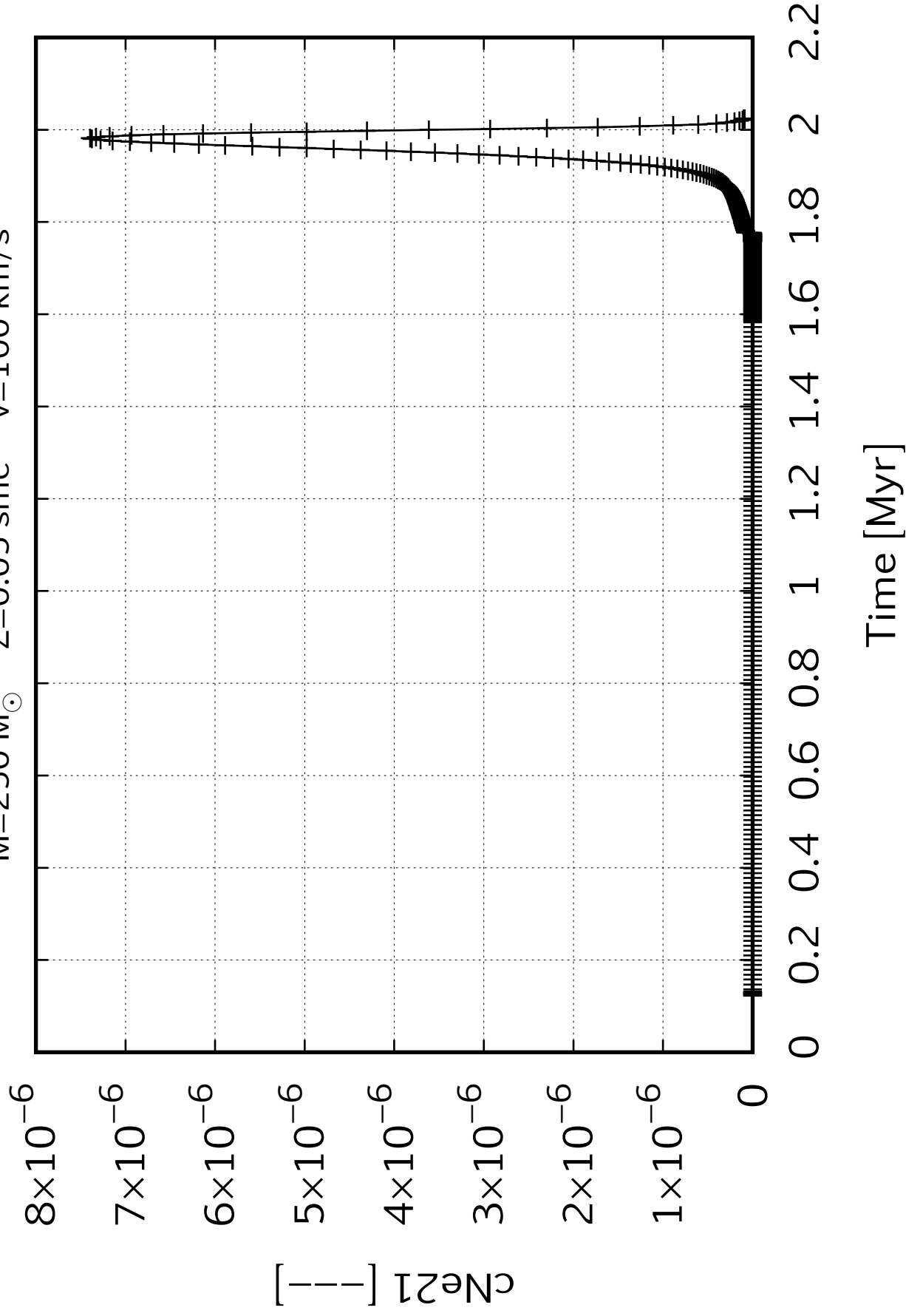




$M=250\,M_{\odot}$     $Z=0.05\,\text{smc}$     $v=100\,\text{km/s}$



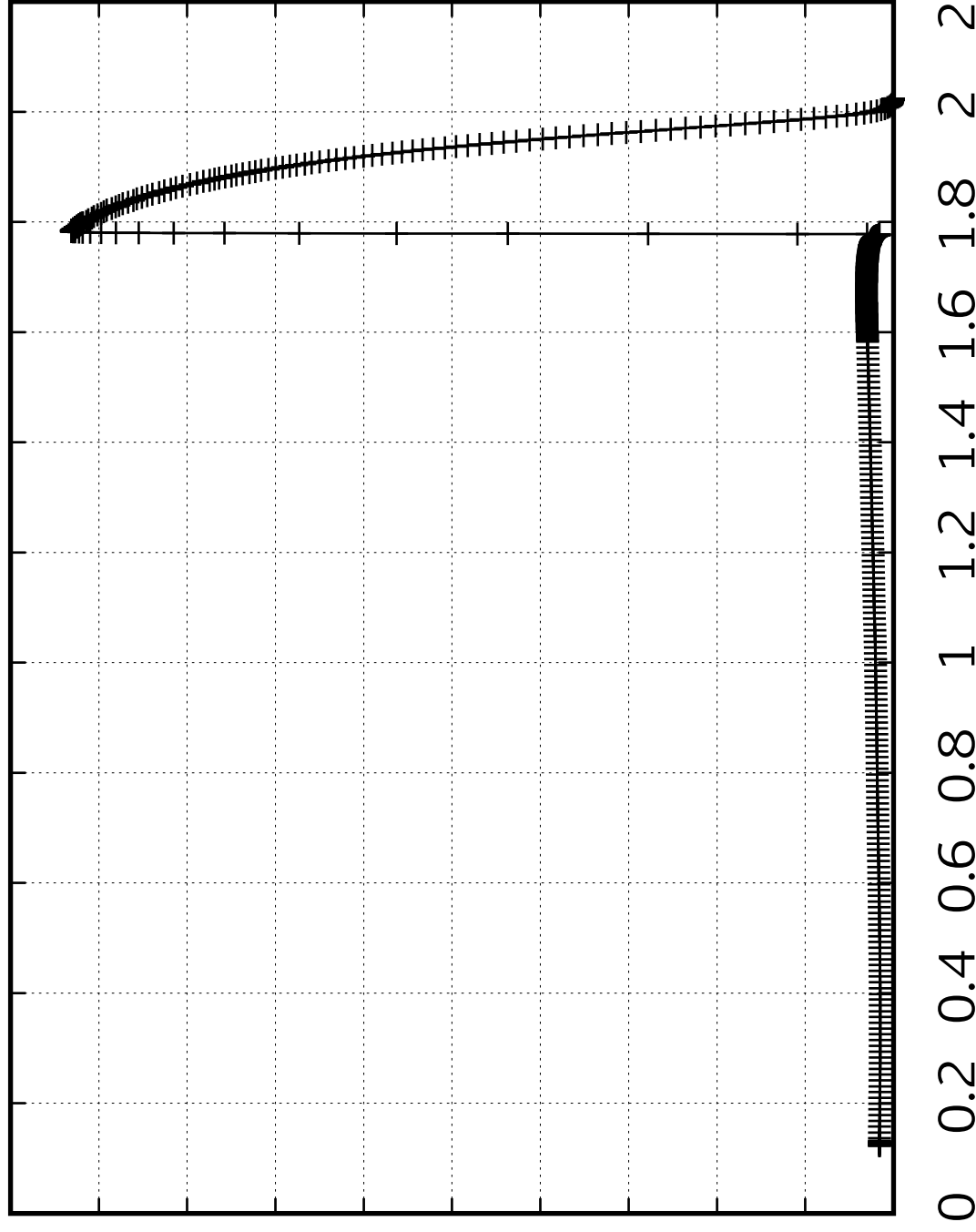
$M=250\ M_{\odot}$     $Z=0.05\ \text{smc}$     $v=100\ \text{km/s}$



$M=250\,M_{\odot}$     $Z=0.05\,\text{smc}$     $v=100\,\text{km/s}$

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

0.0001  
 $9\times 10^{-5}$   
 $8\times 10^{-5}$   
 $7\times 10^{-5}$   
 $6\times 10^{-5}$   
 $5\times 10^{-5}$   
 $4\times 10^{-5}$   
 $3\times 10^{-5}$   
 $2\times 10^{-5}$   
 $1\times 10^{-5}$   
0

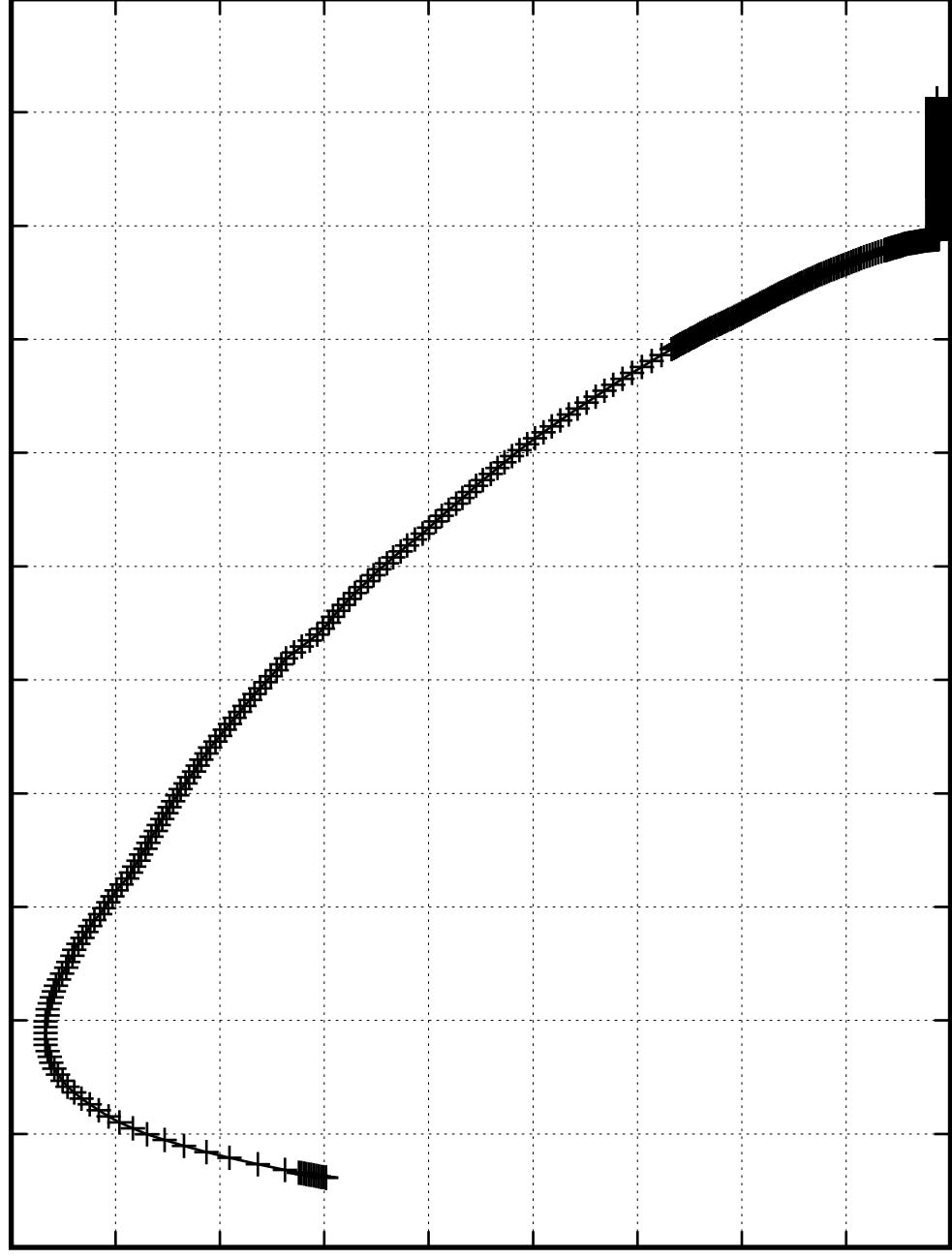


Time [Myr]

$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

$[\text{Na}23]$

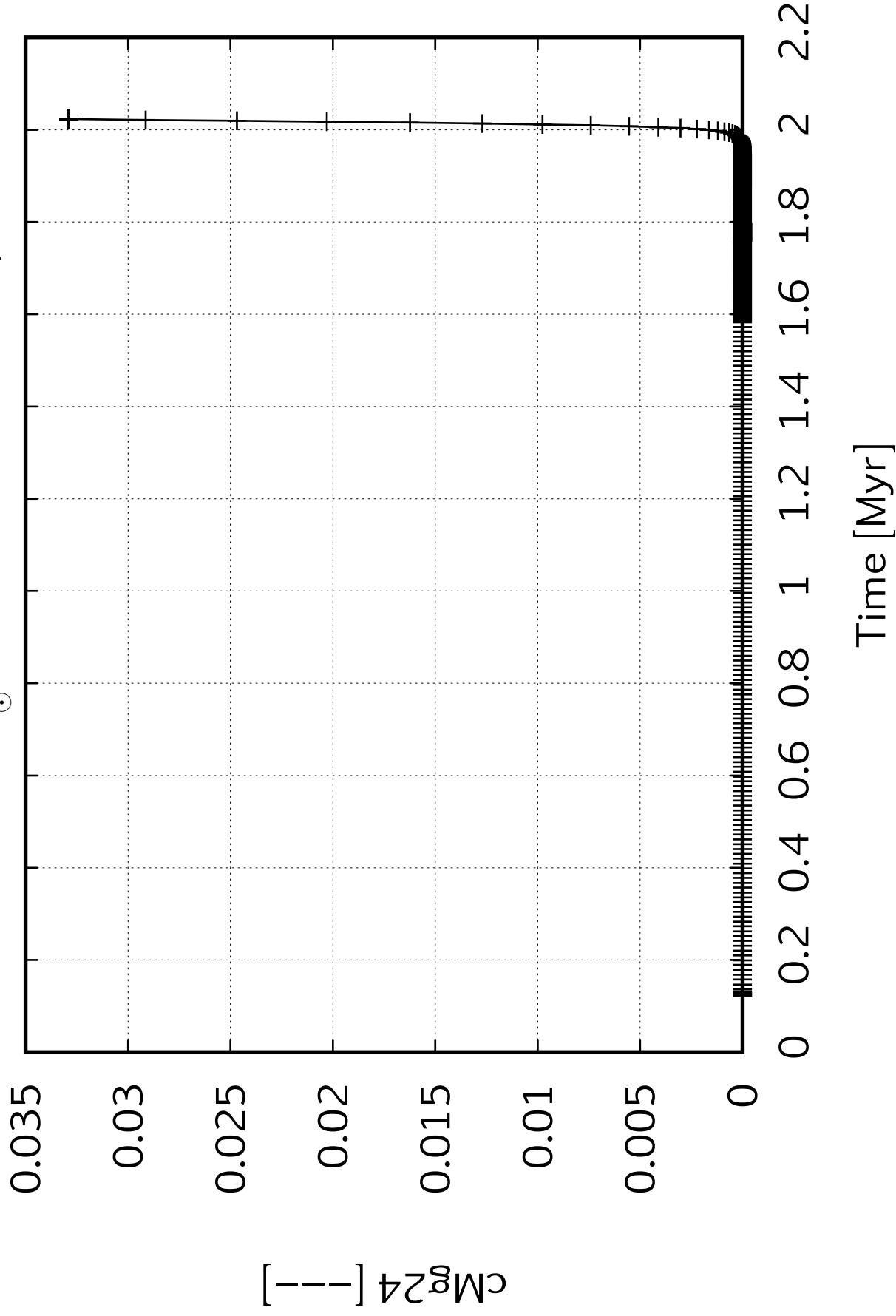
$4.5 \times 10^{-6}$   
 $4 \times 10^{-6}$   
 $3.5 \times 10^{-6}$   
 $3 \times 10^{-6}$   
 $2.5 \times 10^{-6}$   
 $2 \times 10^{-6}$   
 $1.5 \times 10^{-6}$   
 $1 \times 10^{-6}$   
 $5 \times 10^{-7}$   
 $0$



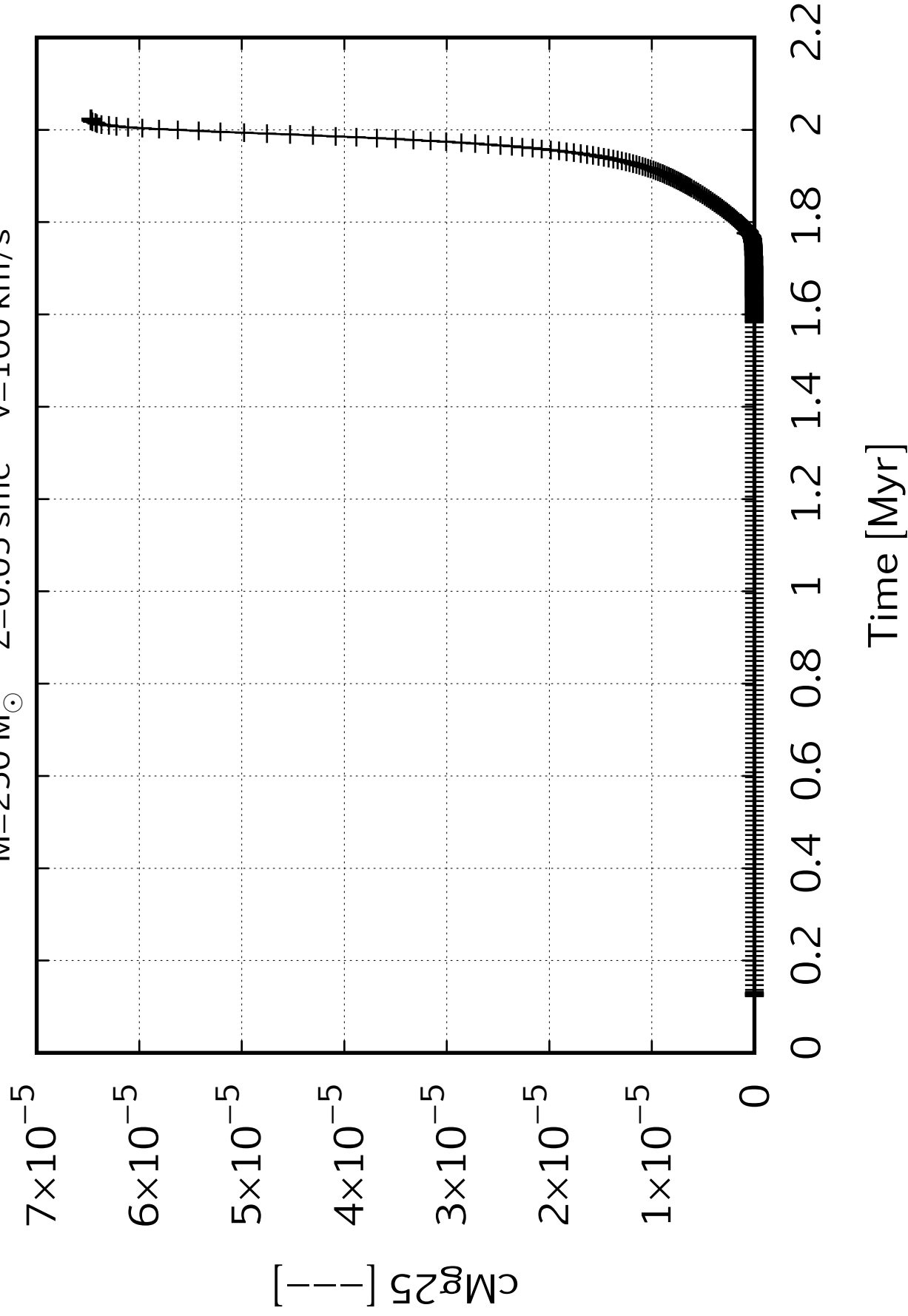
Time [Myr]

0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2

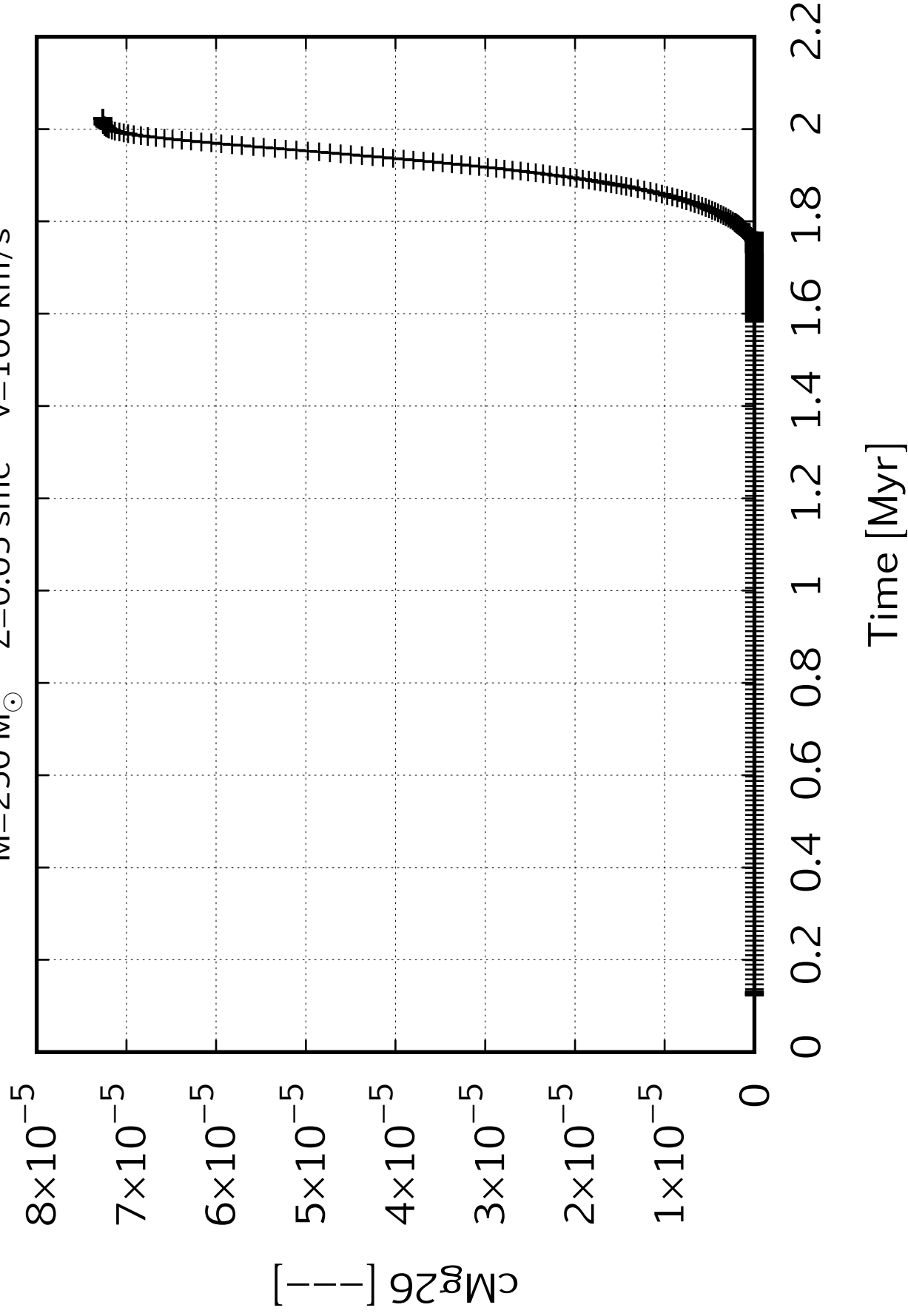
$M=250\ M_{\odot}$     $Z=0.05\ \text{smc}$     $v=100\ \text{km/s}$



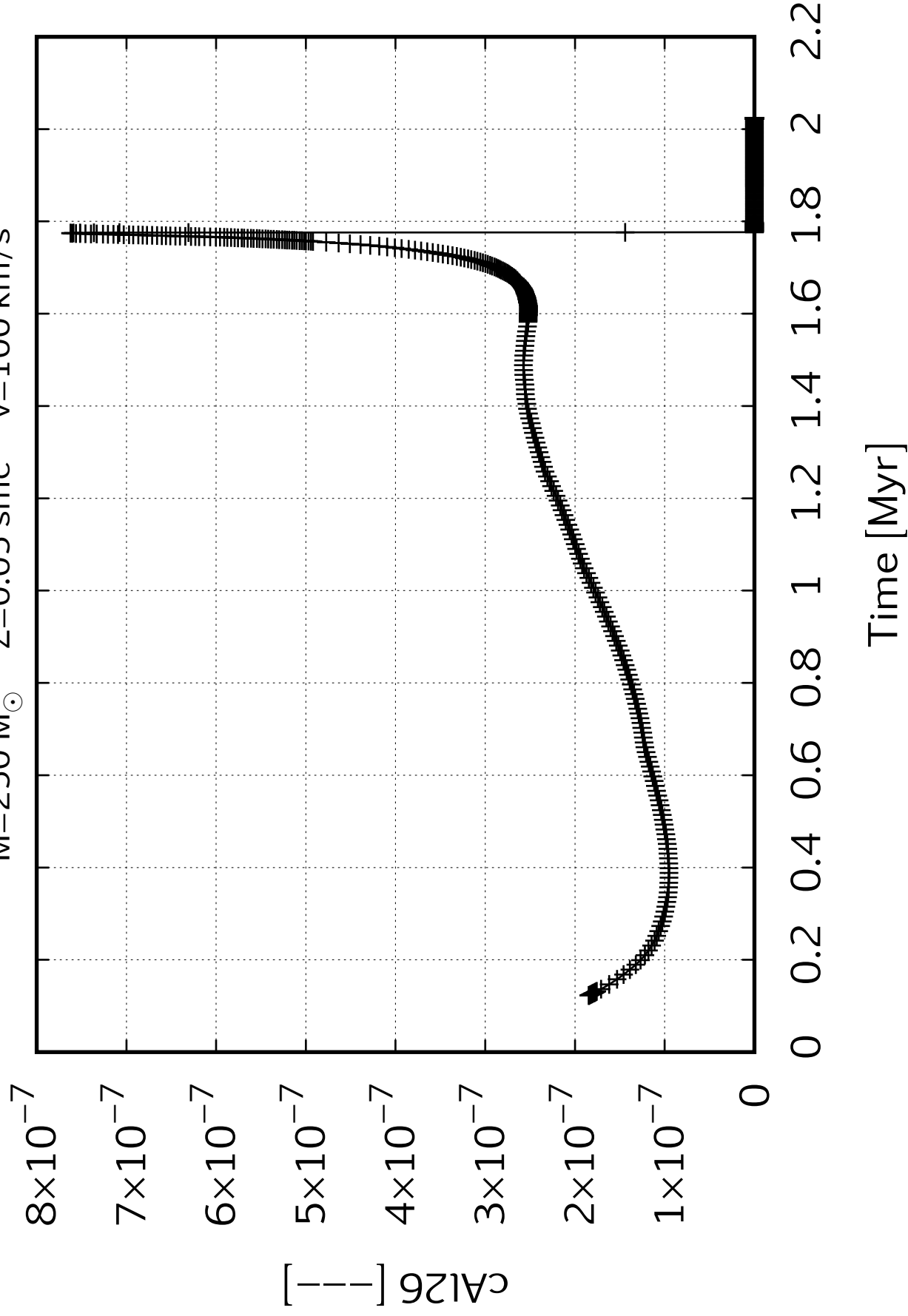
$M=250\ M_{\odot}$     $Z=0.05\ \text{smc}$     $v=100\ \text{km/s}$



$M=250\ M_{\odot}$     $Z=0.05\ \text{smc}$     $v=100\ \text{km/s}$



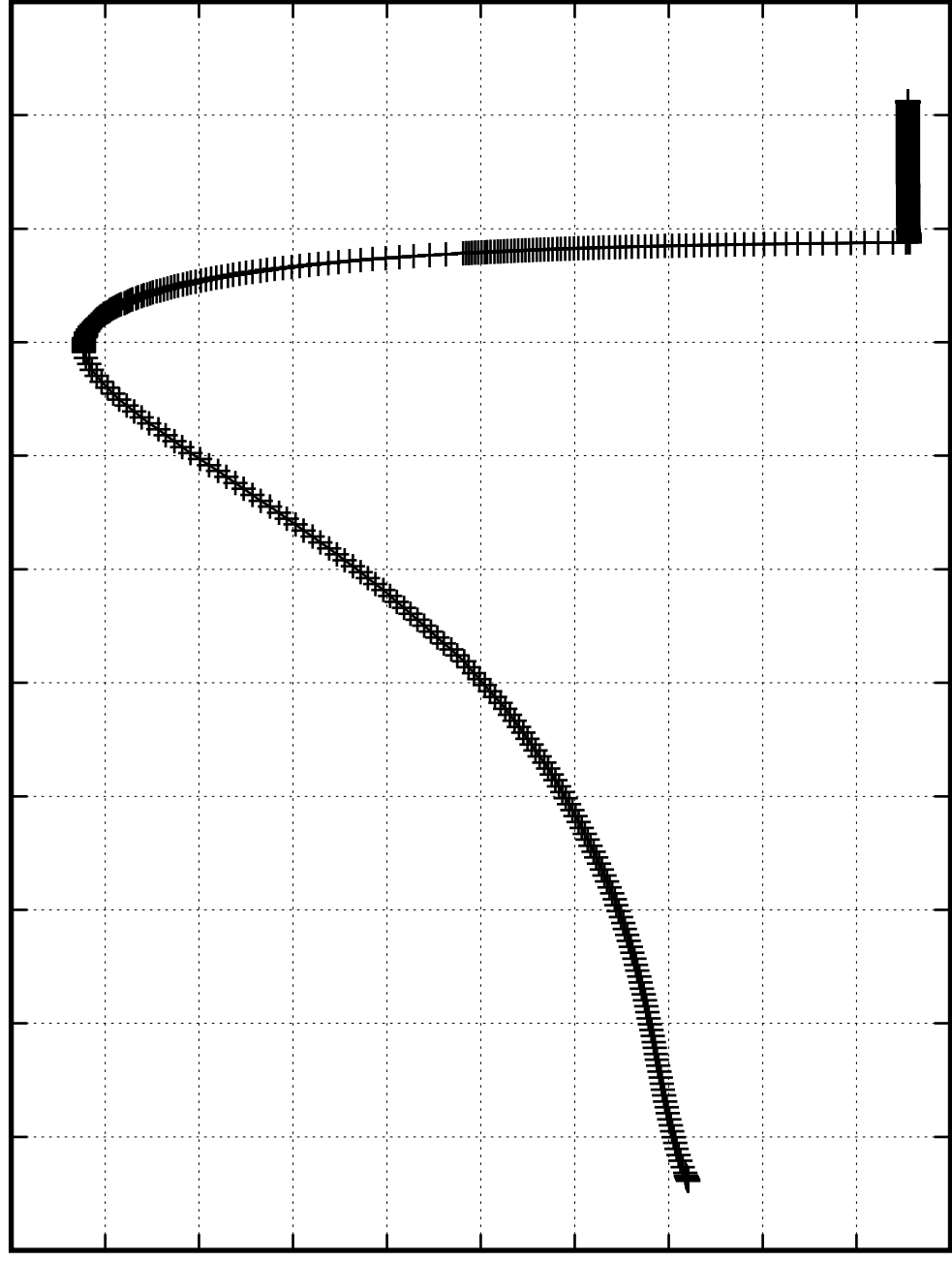
$M=250\ M_{\odot}$     $Z=0.05\ \text{smc}$     $v=100\ \text{km/s}$



$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

$5 \times 10^{-6}$   
 $4.5 \times 10^{-6}$   
 $4 \times 10^{-6}$   
 $3.5 \times 10^{-6}$   
 $3 \times 10^{-6}$   
 $2.5 \times 10^{-6}$   
 $2 \times 10^{-6}$   
 $1.5 \times 10^{-6}$   
 $1 \times 10^{-6}$   
 $5 \times 10^{-7}$   
0

$[\text{C II} 27]$



Time [Myr]

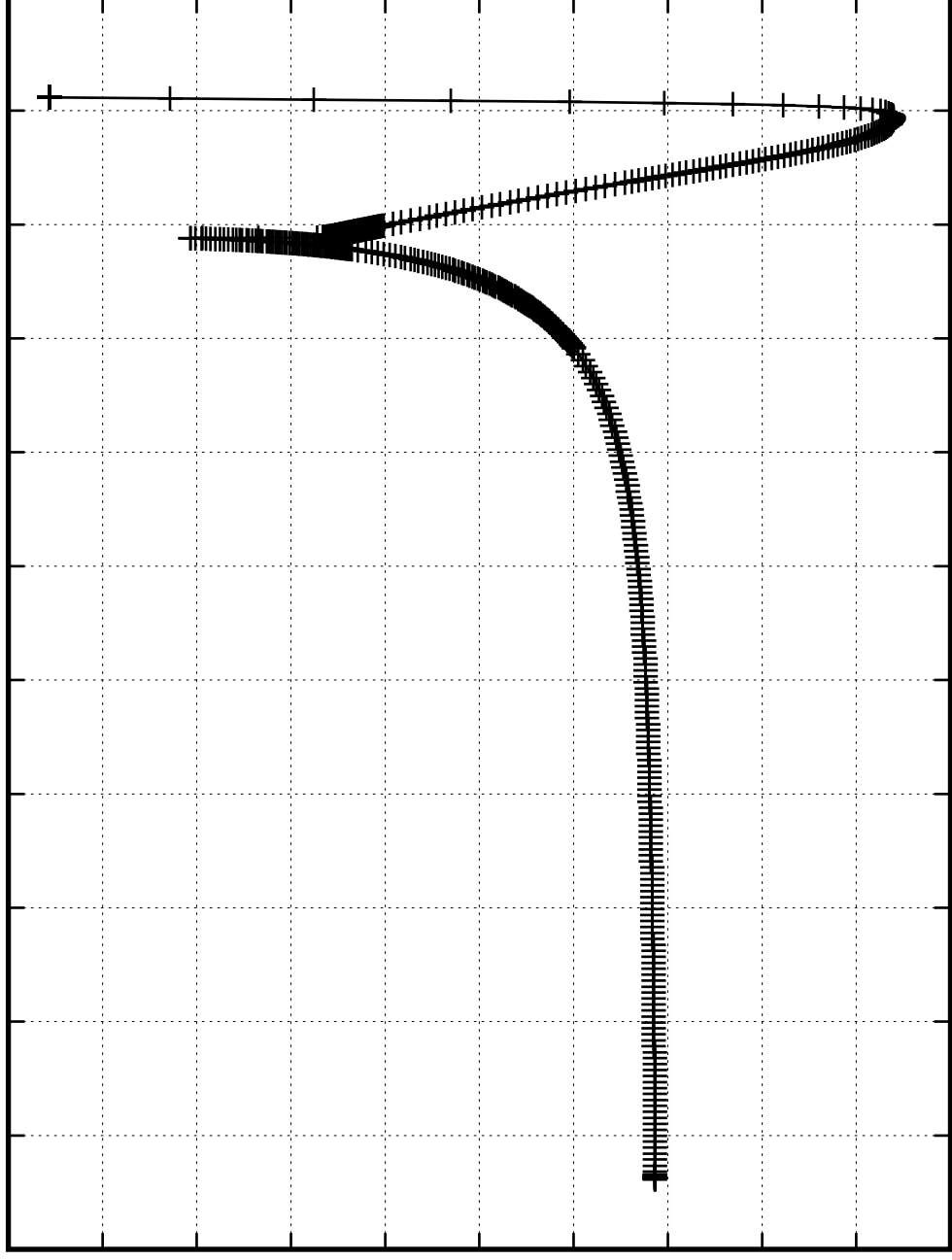
$M=250\,M_{\odot}$     $Z=0.05$  smc    $v=100$  km/s

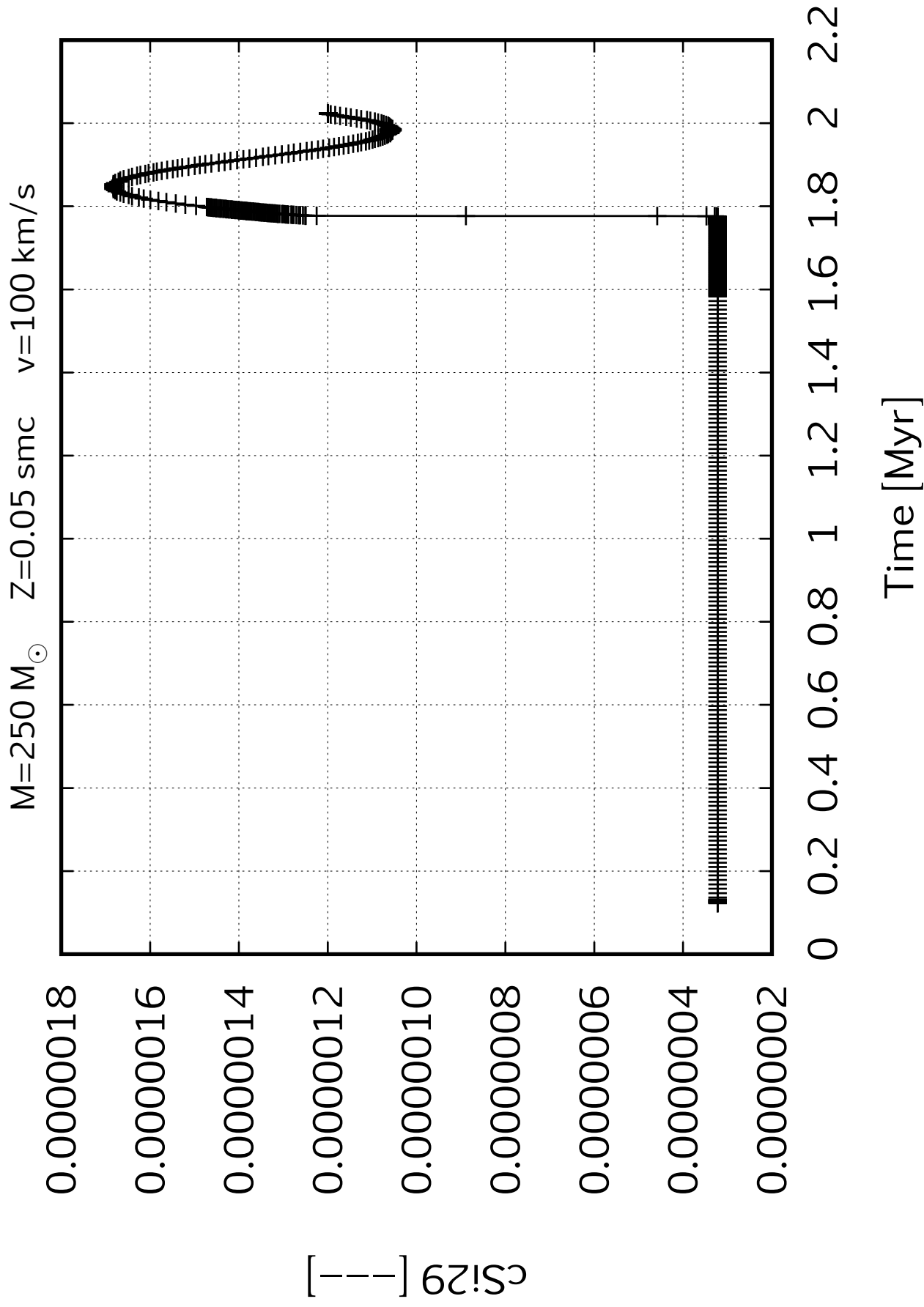
0.000013  
0.000012  
0.000011  
0.000010  
0.000009  
0.000008  
0.000007  
0.000006  
0.000005  
0.000004  
0.000003

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

0   0.2   0.4   0.6   0.8   1   1.2   1.4   1.6   1.8   2   2.2

Time [Myr]





$M=250\ M_{\odot}$     $Z=0.05\ \text{smc}$     $v=100\ \text{km/s}$

$8 \times 10^{-6}$

$7 \times 10^{-6}$

$6 \times 10^{-6}$

$5 \times 10^{-6}$

$4 \times 10^{-6}$

$3 \times 10^{-6}$

$2 \times 10^{-6}$

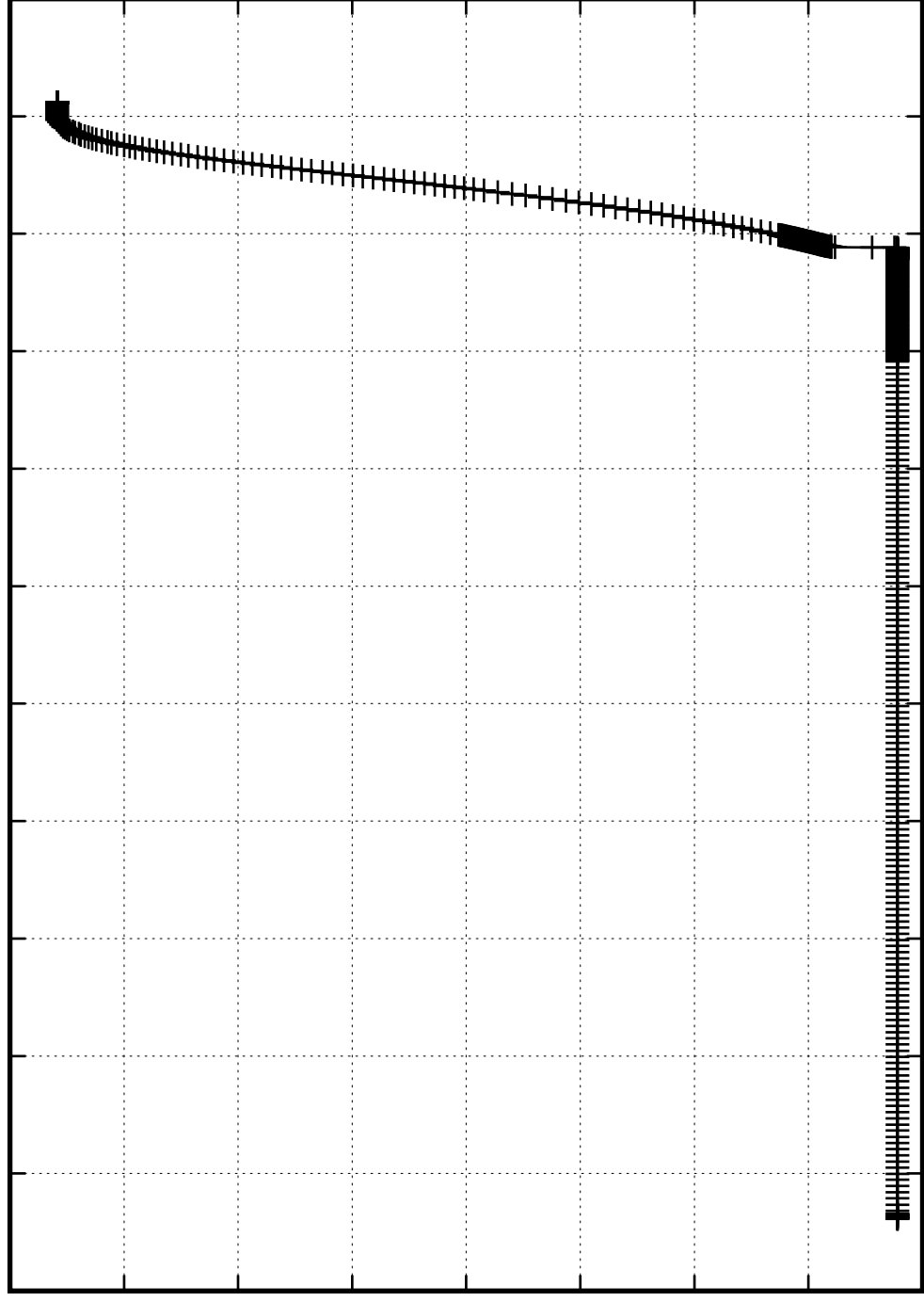
$1 \times 10^{-6}$

0

$[\text{C Si}30]$

0   0.2   0.4   0.6   0.8   1   1.2   1.4   1.6   1.8   2   2.2

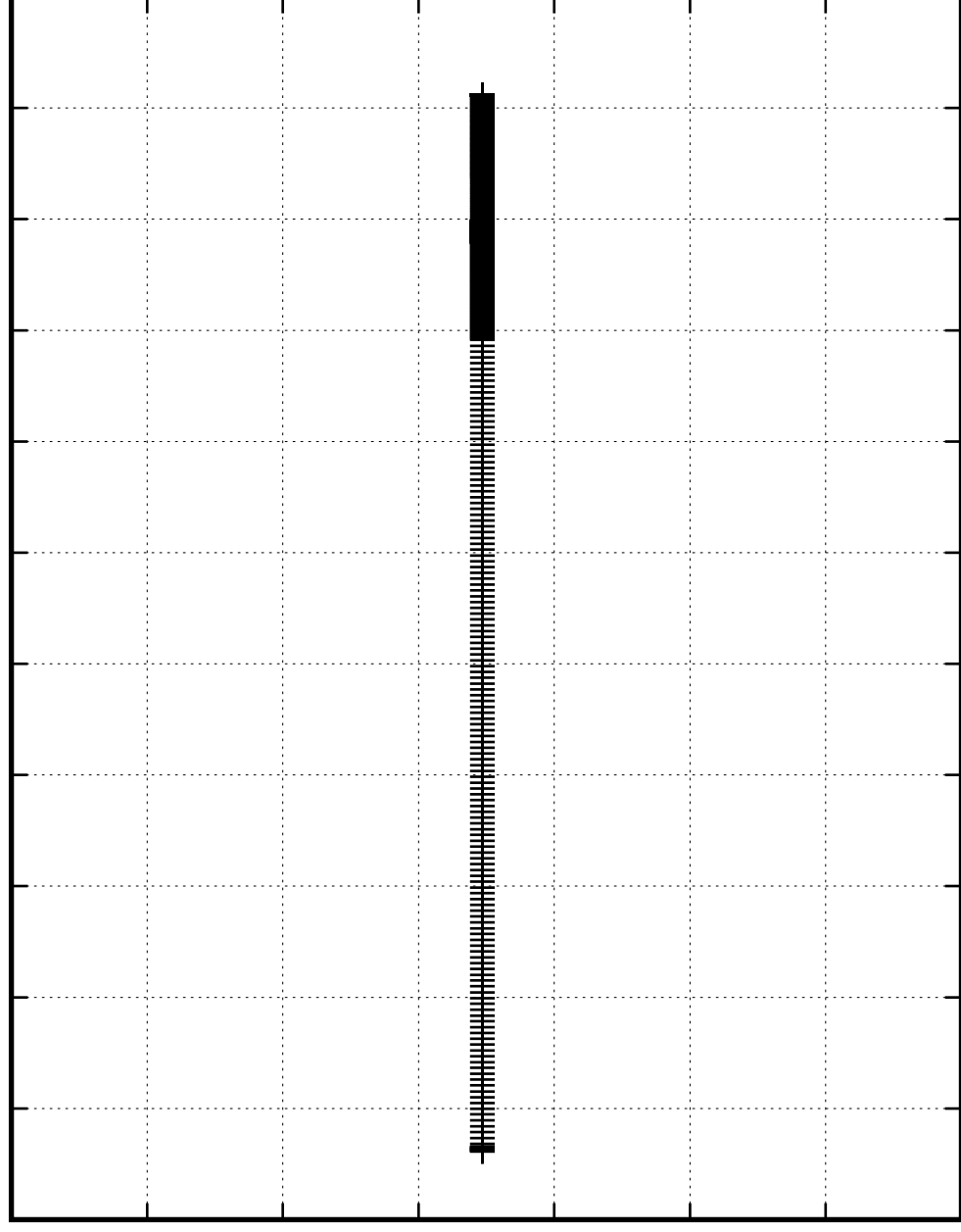
Time [Myr]



$M=250\ M_{\odot}$     $Z=0.05\ \text{smc}$     $v=100\ \text{km/s}$

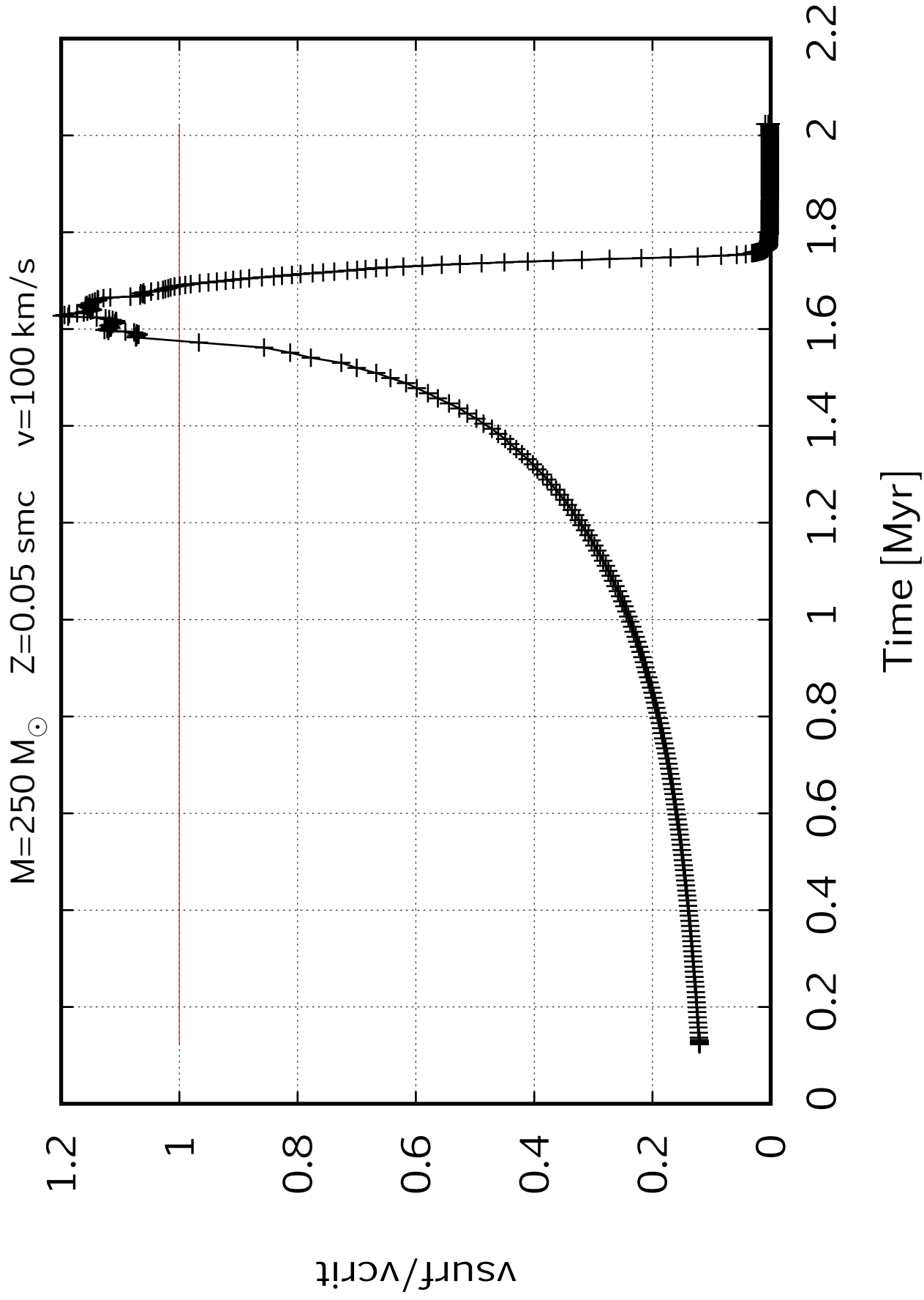
0.00000128  
0.00000128  
0.00000127  
0.00000127  
0.00000126  
0.00000126  
0.00000125  
0.00000125

cFe56 [—]



0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 2.2

Time [Myr]



250 M<sub>⊙</sub> dwarfD

7.1

7.05

7

6.95

6.9

6.85

6.8

6.75

6.7

$L/L_{\odot}$

5

4.8

4.6

4.4

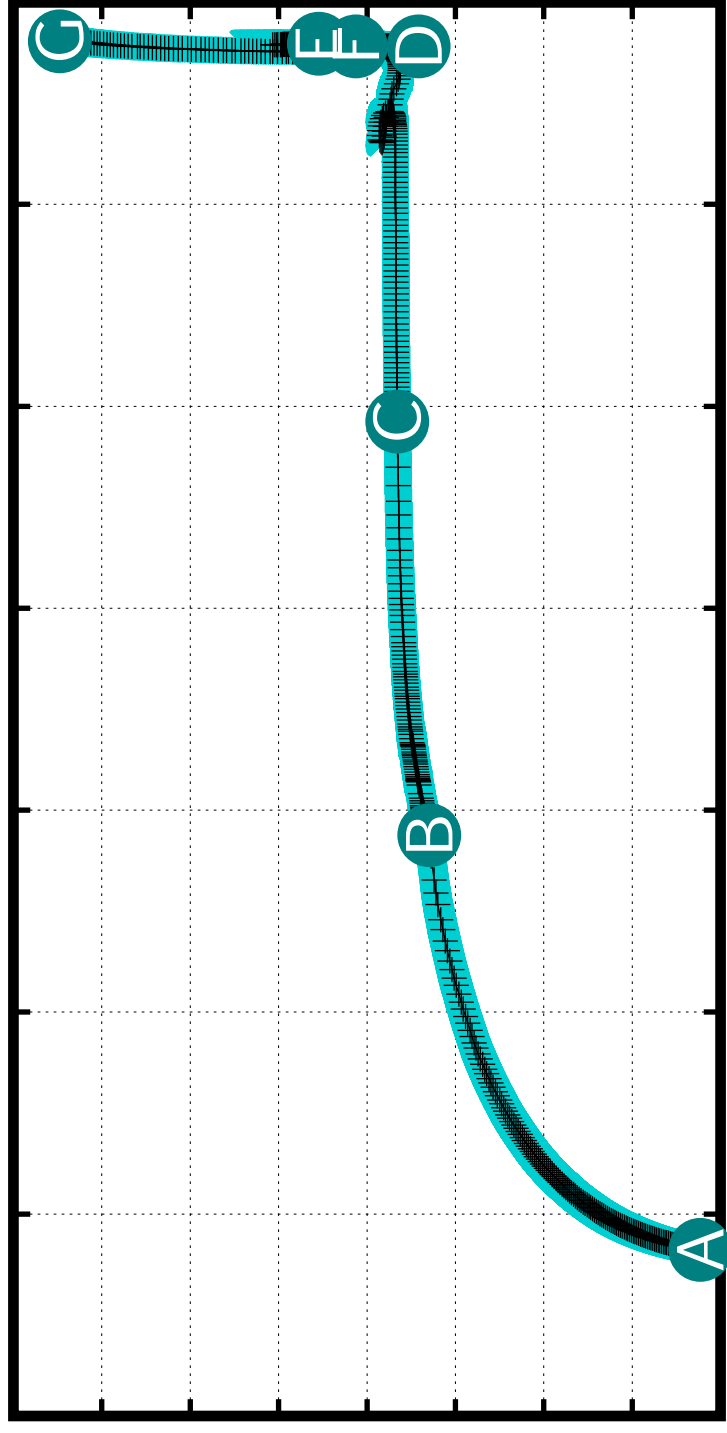
4.2

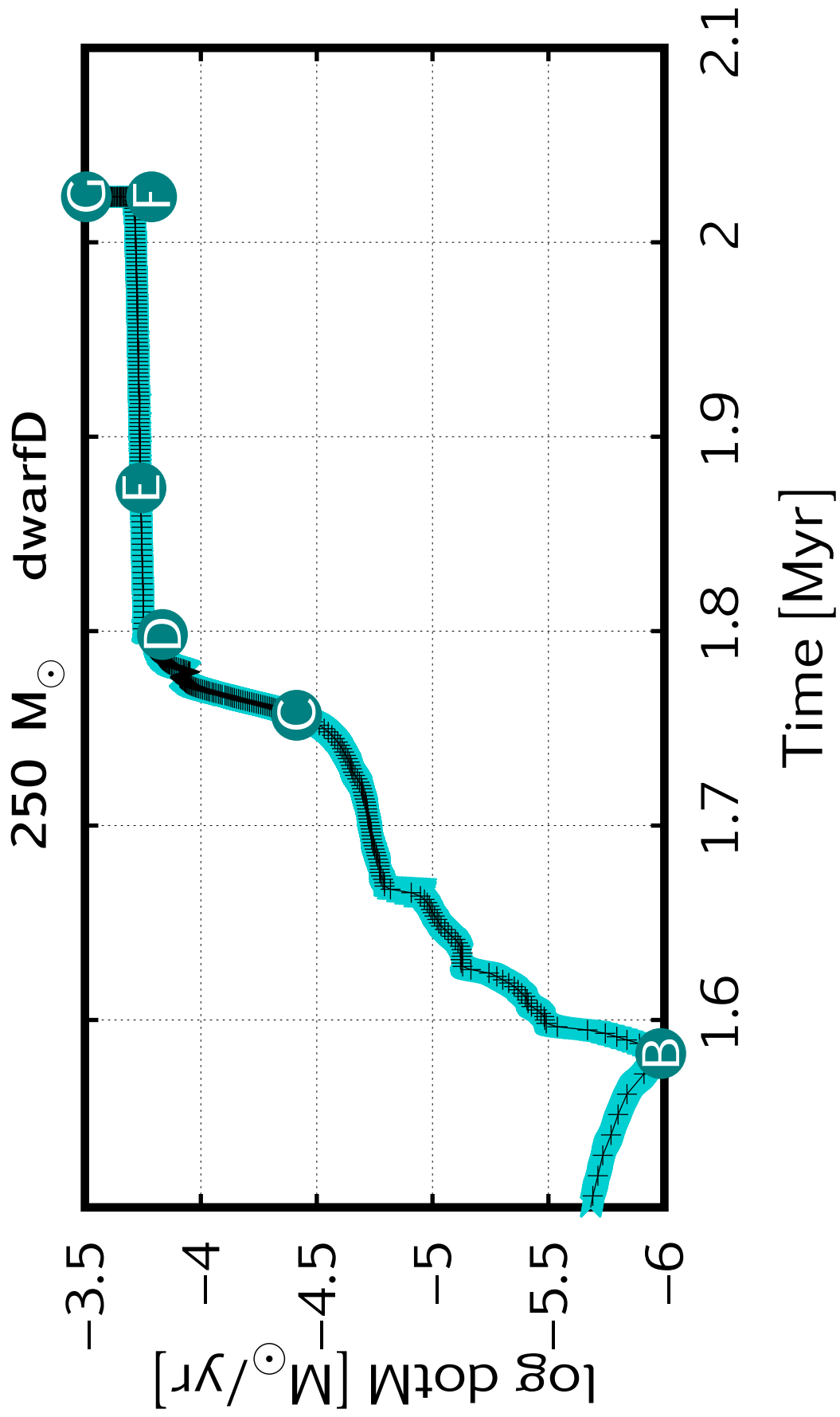
4

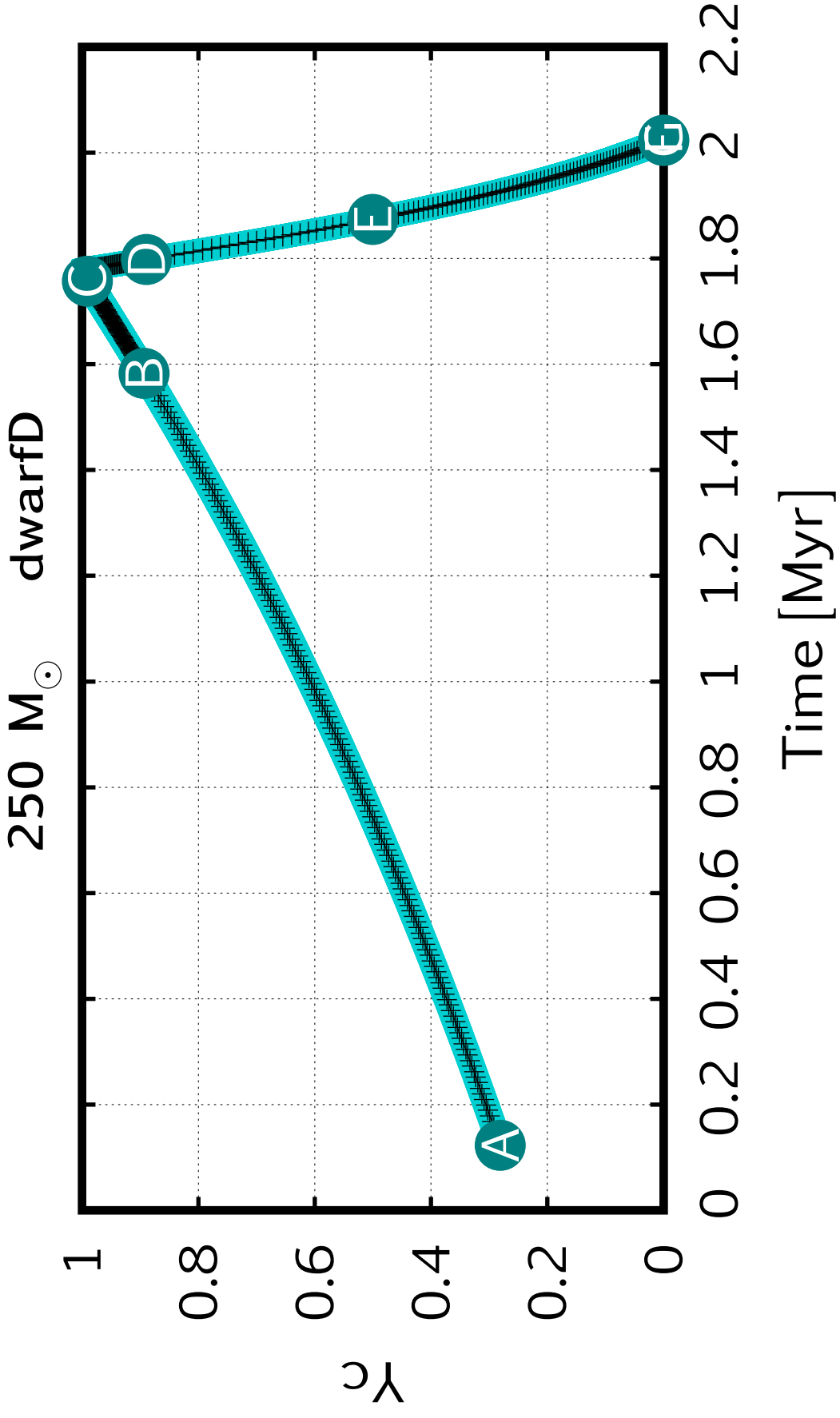
3.8

3.6

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







250 M<sub>⊙</sub> dwarfD

700

600

500

400

300

200

100

0

line number

BoOST: A

0 202

B 151

C 252

D 403

E 429

F 505

G 606

MIST: A

202 353

B 353

C 454

D 605

E 631

F 707

G 808

Total number of lines  
in filtered model: 606 / 808

0

0.2

0.4

0.6

0.8

1

1.2

1.4

1.6

1.8

2

2.2

Time [Myr]

