

$M=55 M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

3.5×10^6

3×10^6

2.5×10^6

2×10^6

1.5×10^6

1×10^6

500000

0

t [yr]

0

0.5

1

1.5

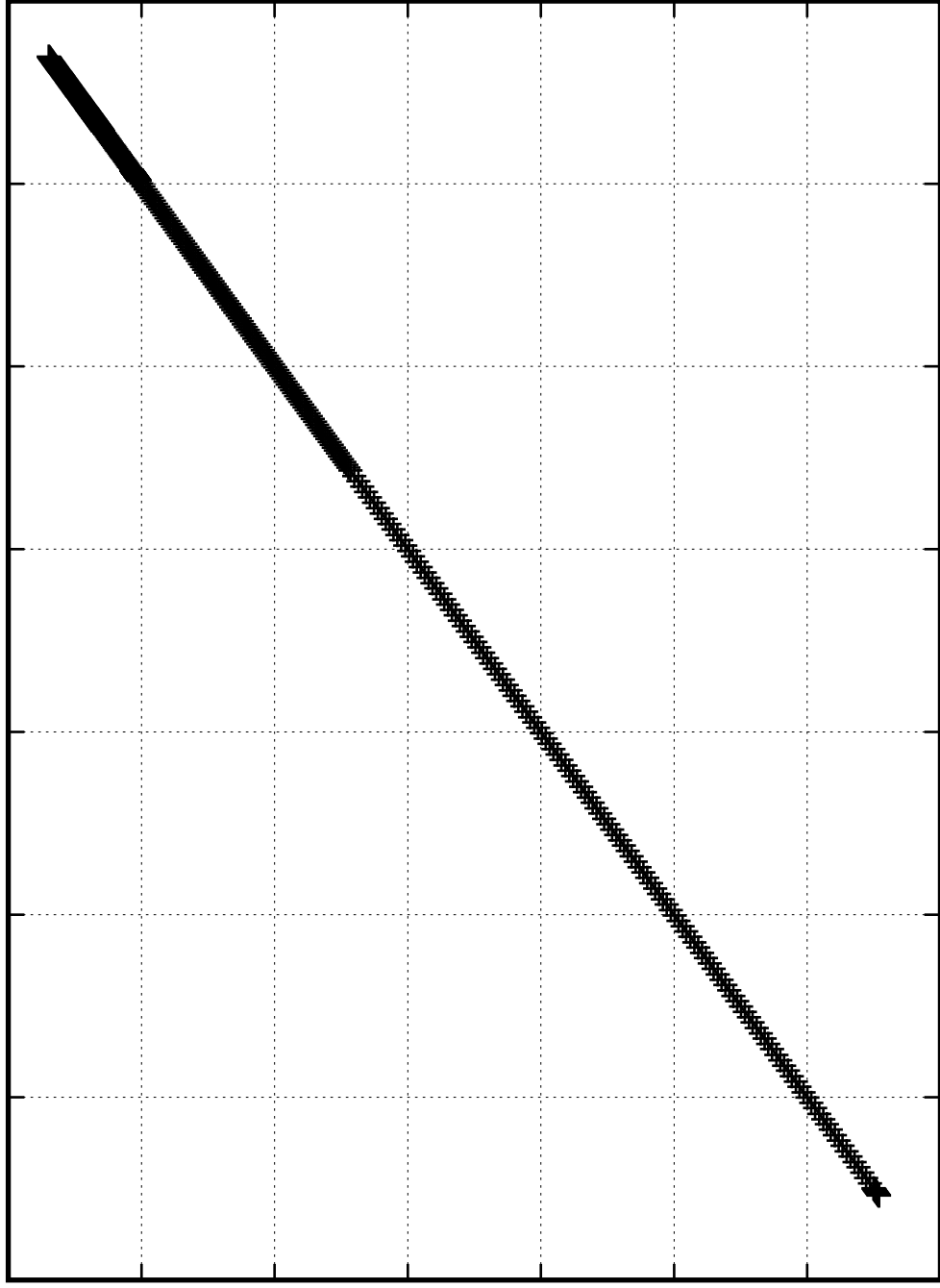
2

2.5

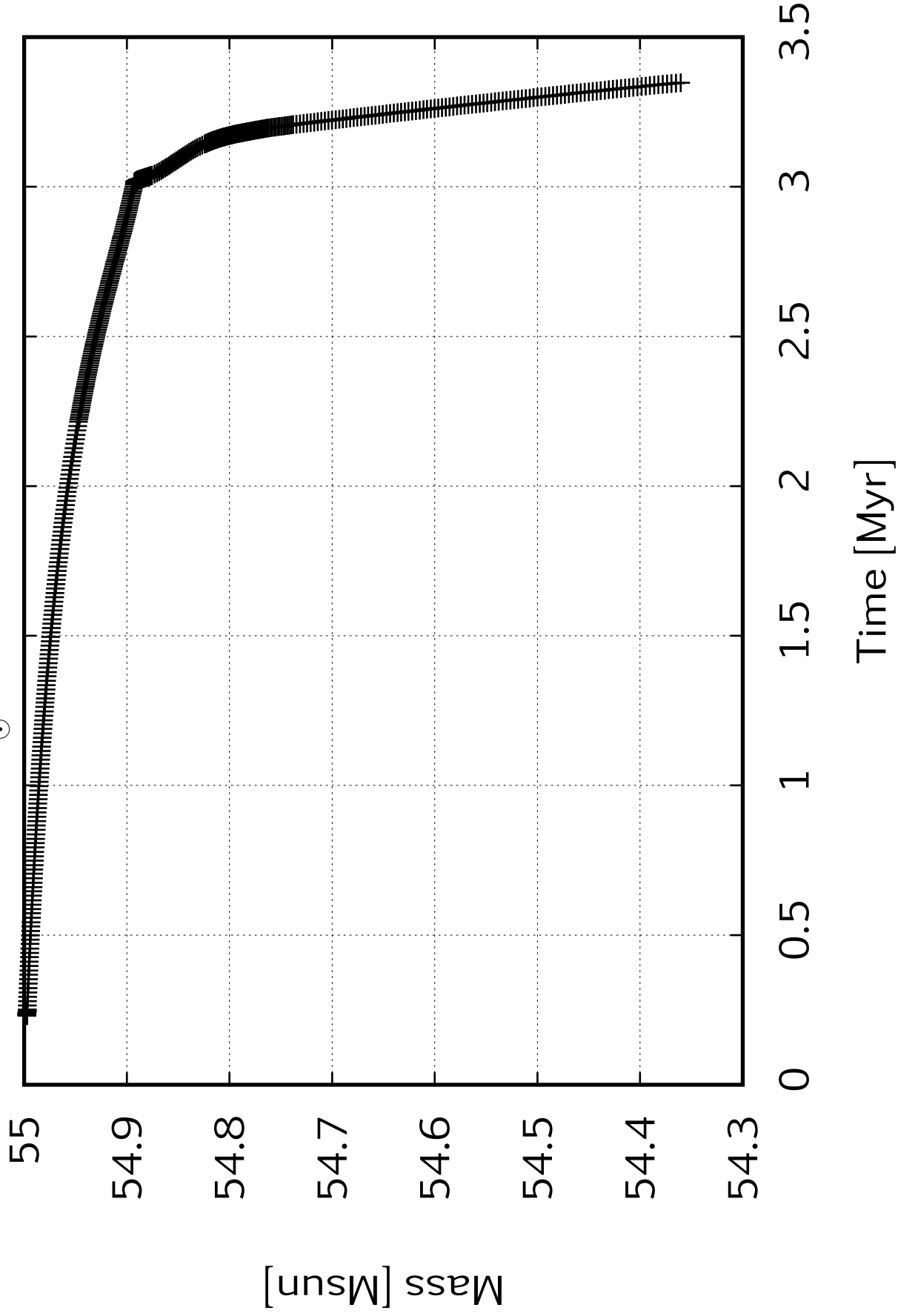
3

3.5

Time [Myr]



$M=55\ M_{\odot}$ $Z=0.02\ \text{smc}$ $v=100\ \text{km/s}$



$M=55\,M_{\odot}$ $Z=0.02\,\text{smc}$ $v=100\,\text{km/s}$

60000

50000

40000

30000

20000

10000

0

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

0

0.5

1

1.5

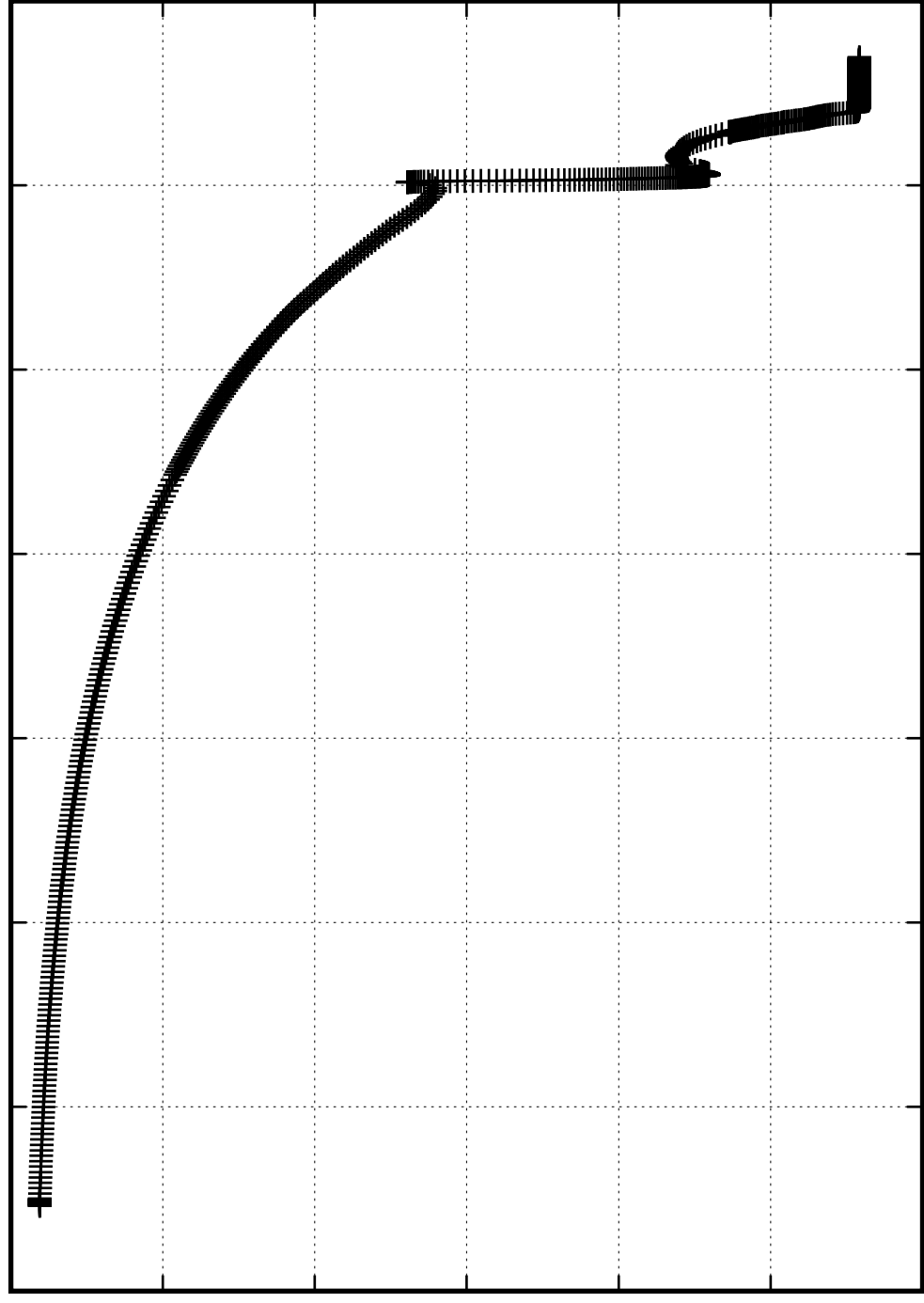
2

2.5

3

3.5

Time [Myr]



$M=55\ M_{\odot}$ $Z=0.02\ \text{smc}$ $v=100\ \text{km/s}$

6.15

6.1

6.05

6

5.95

5.9

5.85

5.8

5.75

5.7

5.65

5.6

$\log_{10} [\text{[Fe/H]}]$

0

0.5

1

1.5

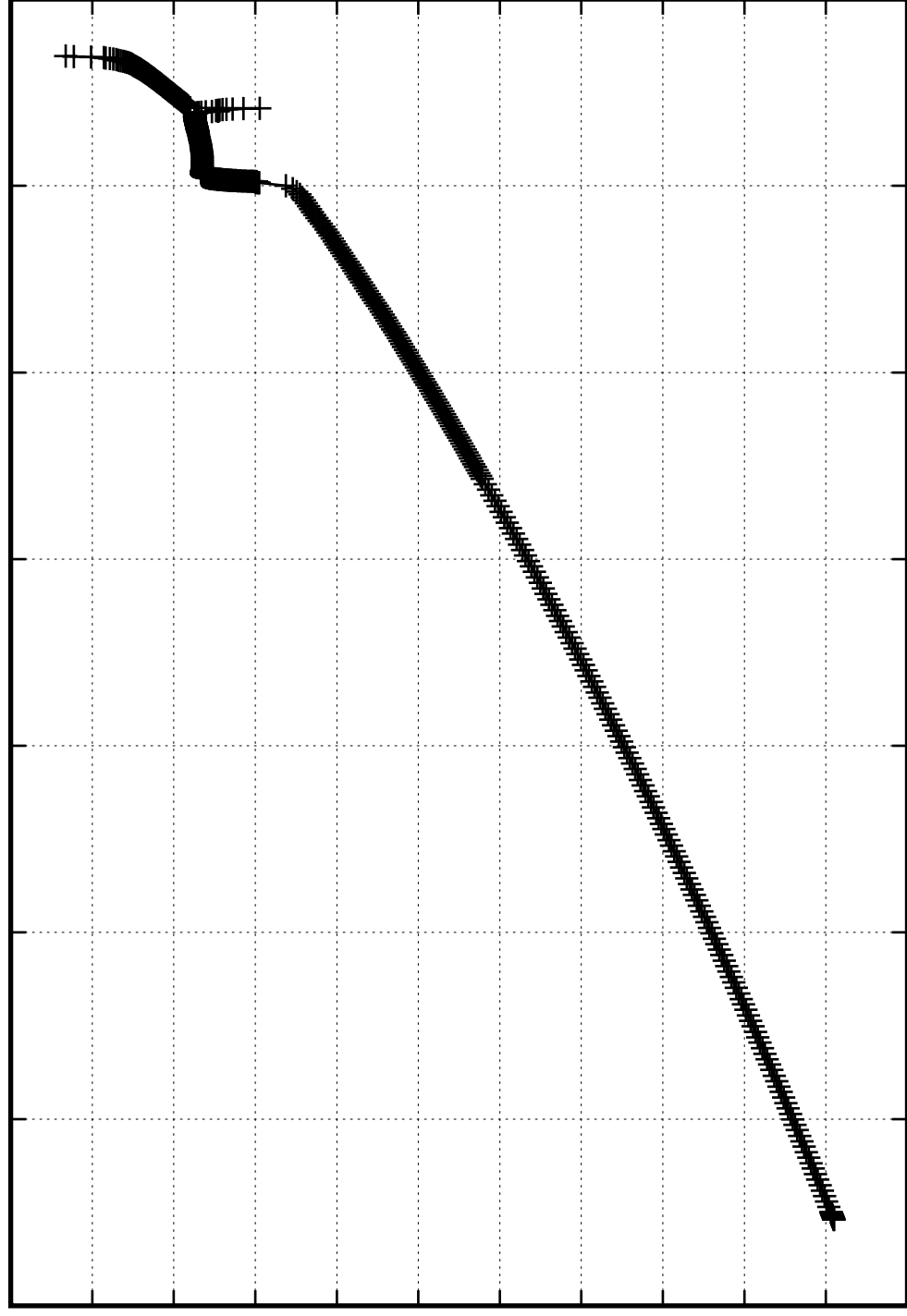
2

2.5

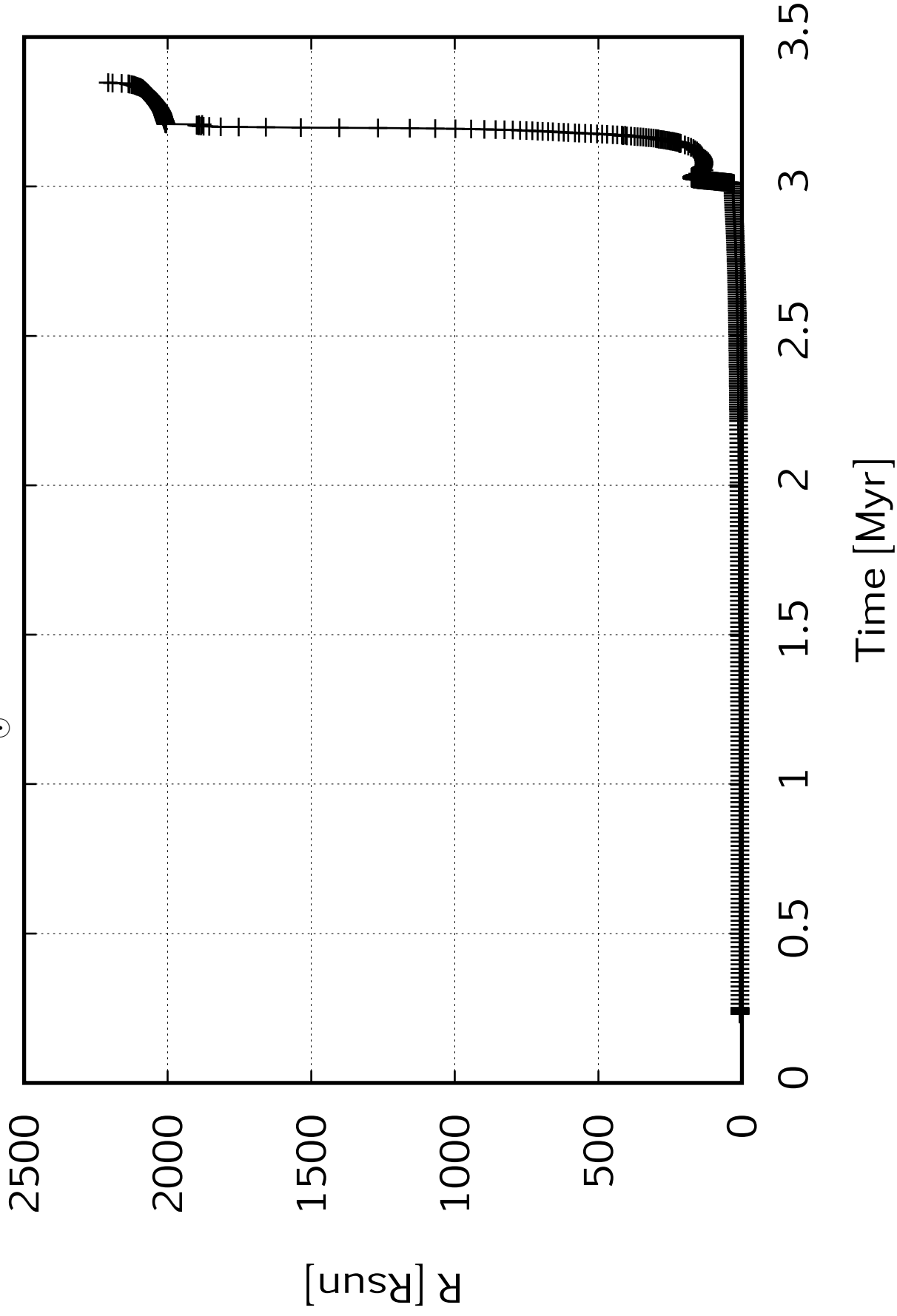
3

3.5

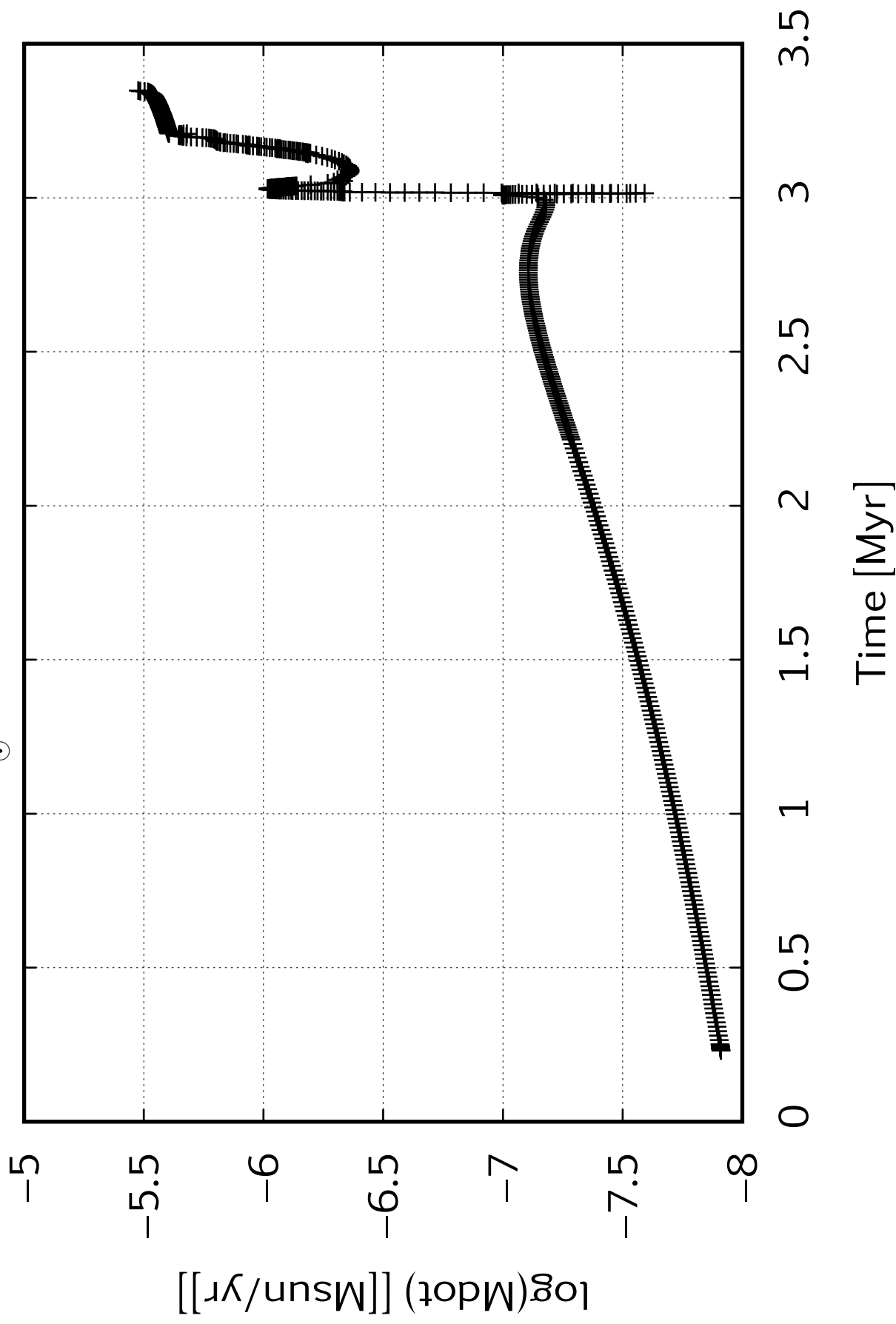
Time [Myr]



$M=55\ M_{\odot}$ $Z=0.02\ \text{smc}$ $v=100\ \text{km/s}$



$M=55 M_{\odot}$ $Z=0.02$ smc $v=100$ km/s



$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

5

4

3

2

1

0

-1

$\log \left[\frac{\text{cm}}{\text{s}^2} \right]$

0

0.5

1

1.5

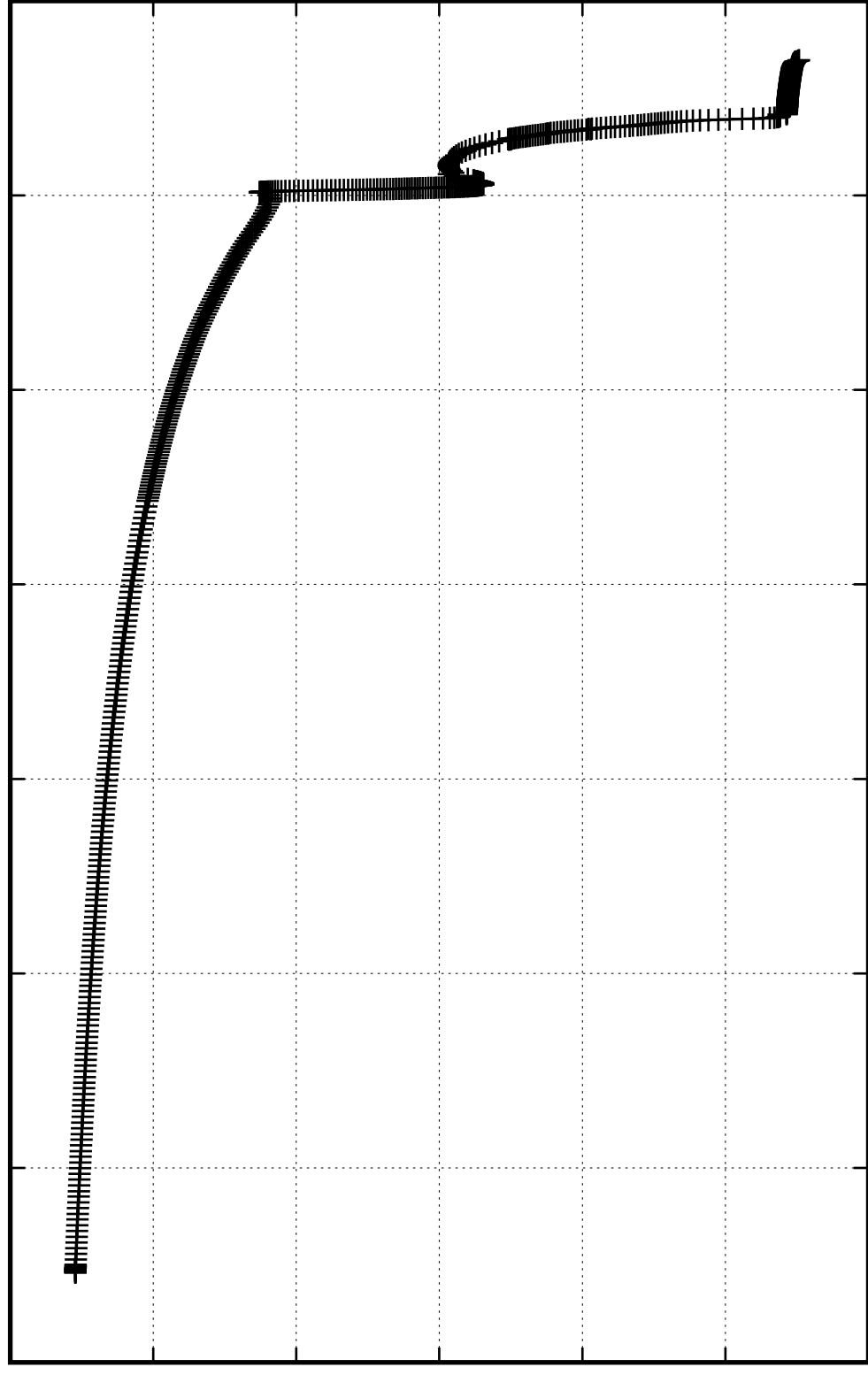
2

2.5

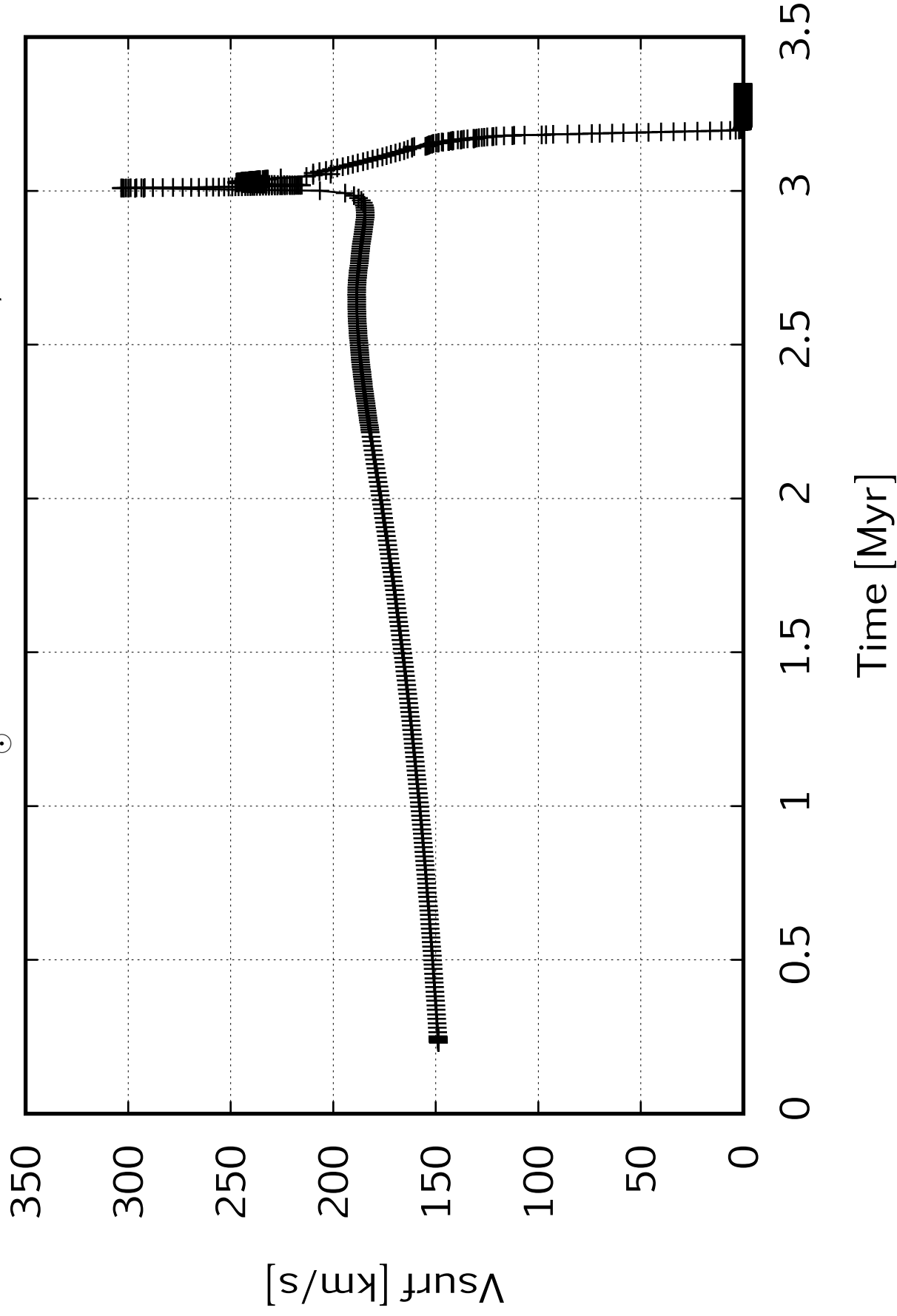
3

3.5

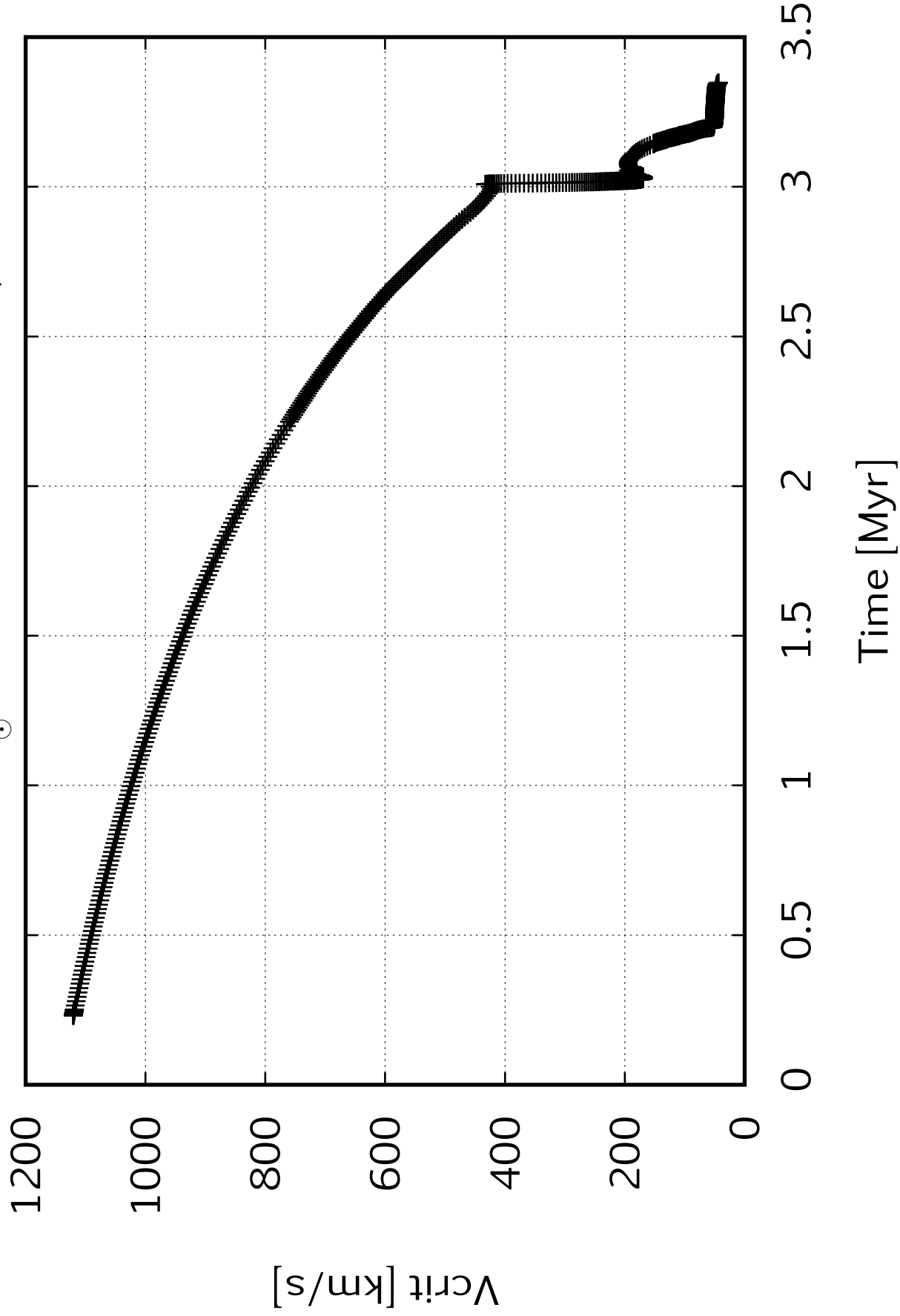
Time [Myr]



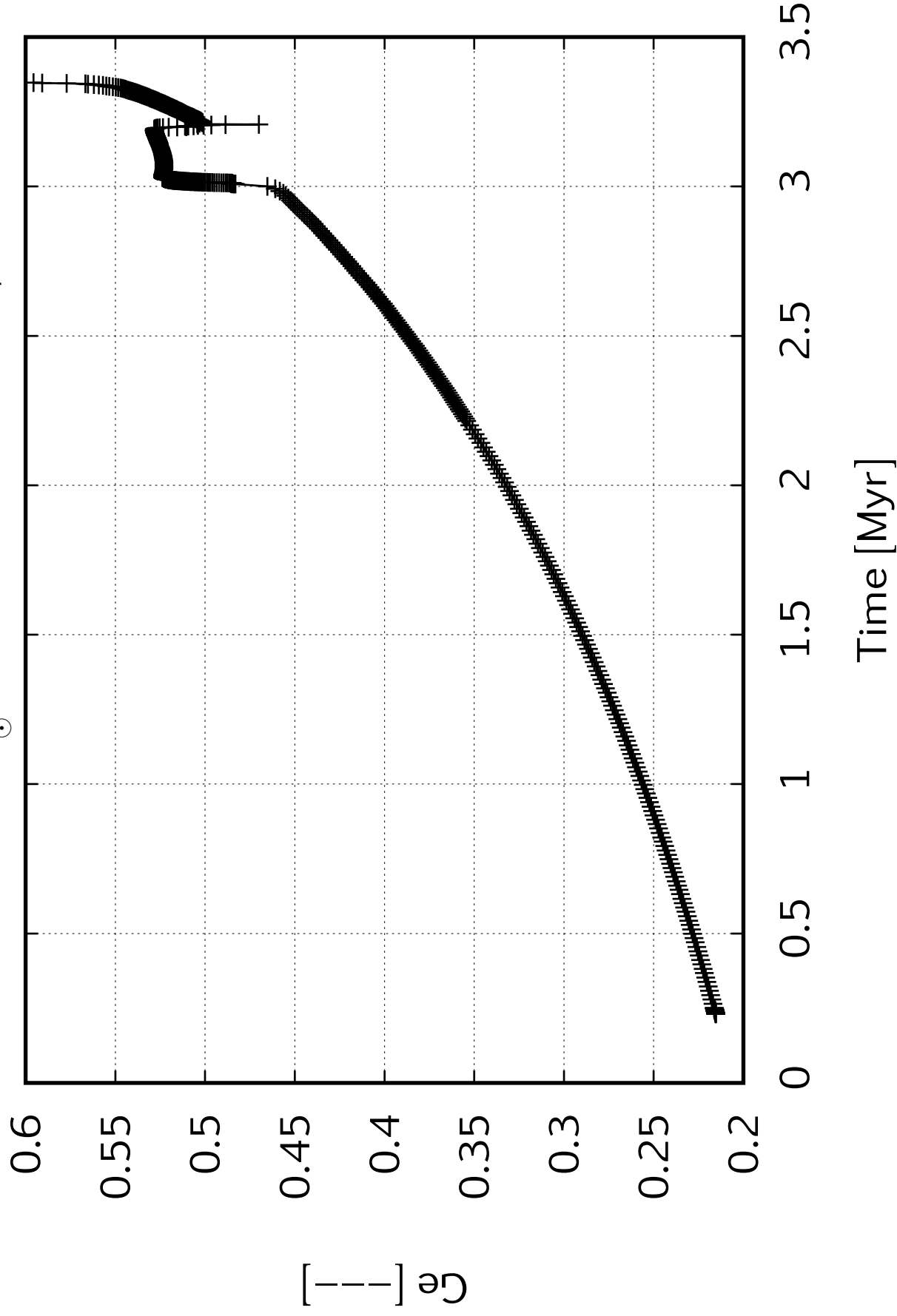
$M=55 M_{\odot}$ $Z=0.02$ smc $v=100$ km/s



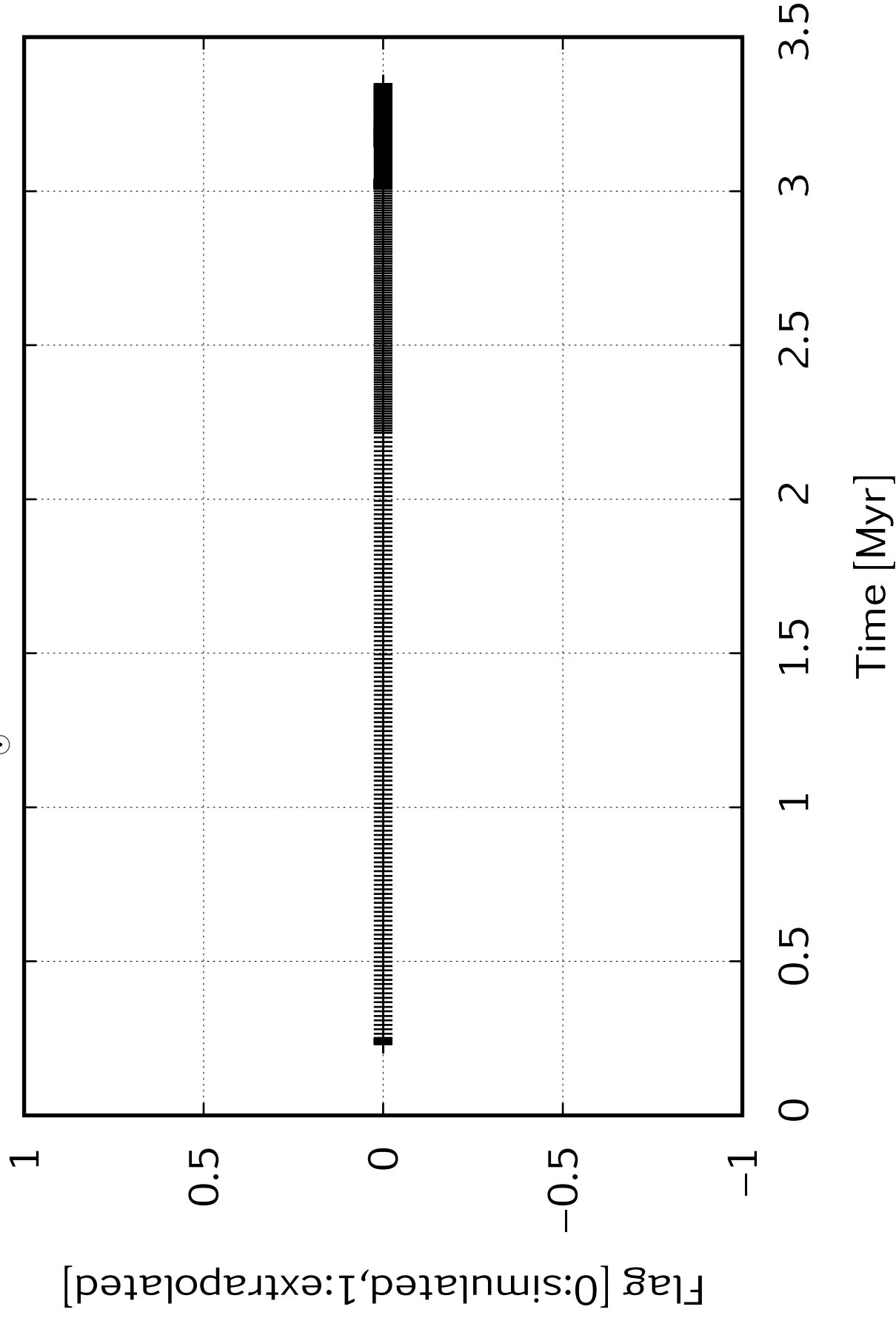
$M=55\ M_{\odot}$ $Z=0.02\ \text{smc}$ $v=100\ \text{km/s}$



$M=55\ M_{\odot}$ $Z=0.02\ \text{smc}$ $v=100\ \text{km/s}$



$M=55\ M_{\odot}$ $Z=0.02\ \text{smc}$ $v=100\ \text{km/s}$



$M=55\,M_{\odot}$ $Z=0.02\,\text{smc}$ $v=100\,\text{km/s}$

12.15

12.1

12.05

12

11.95

11.9

11.85

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

0

0.5

1

1.5

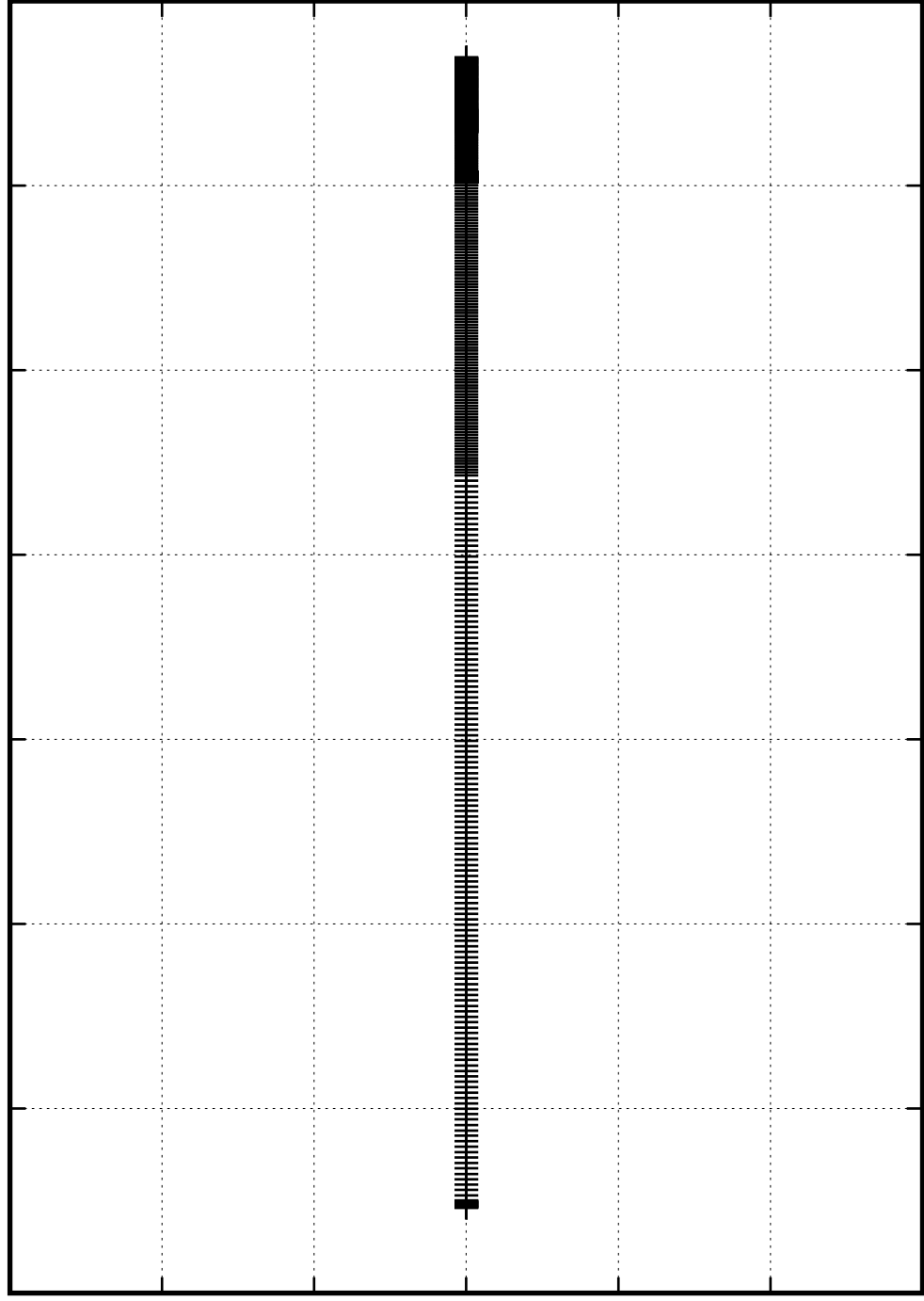
2

2.5

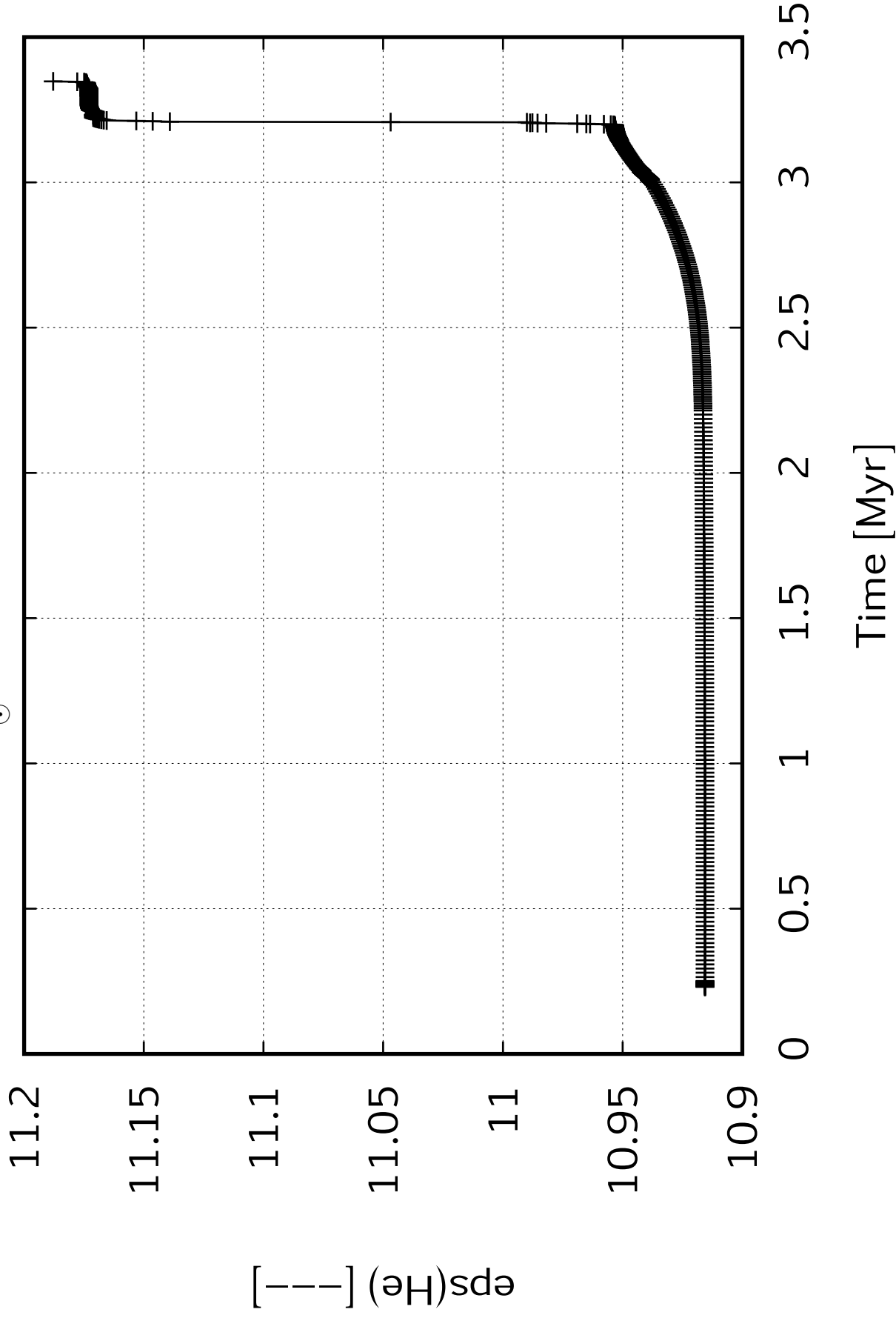
3

3.5

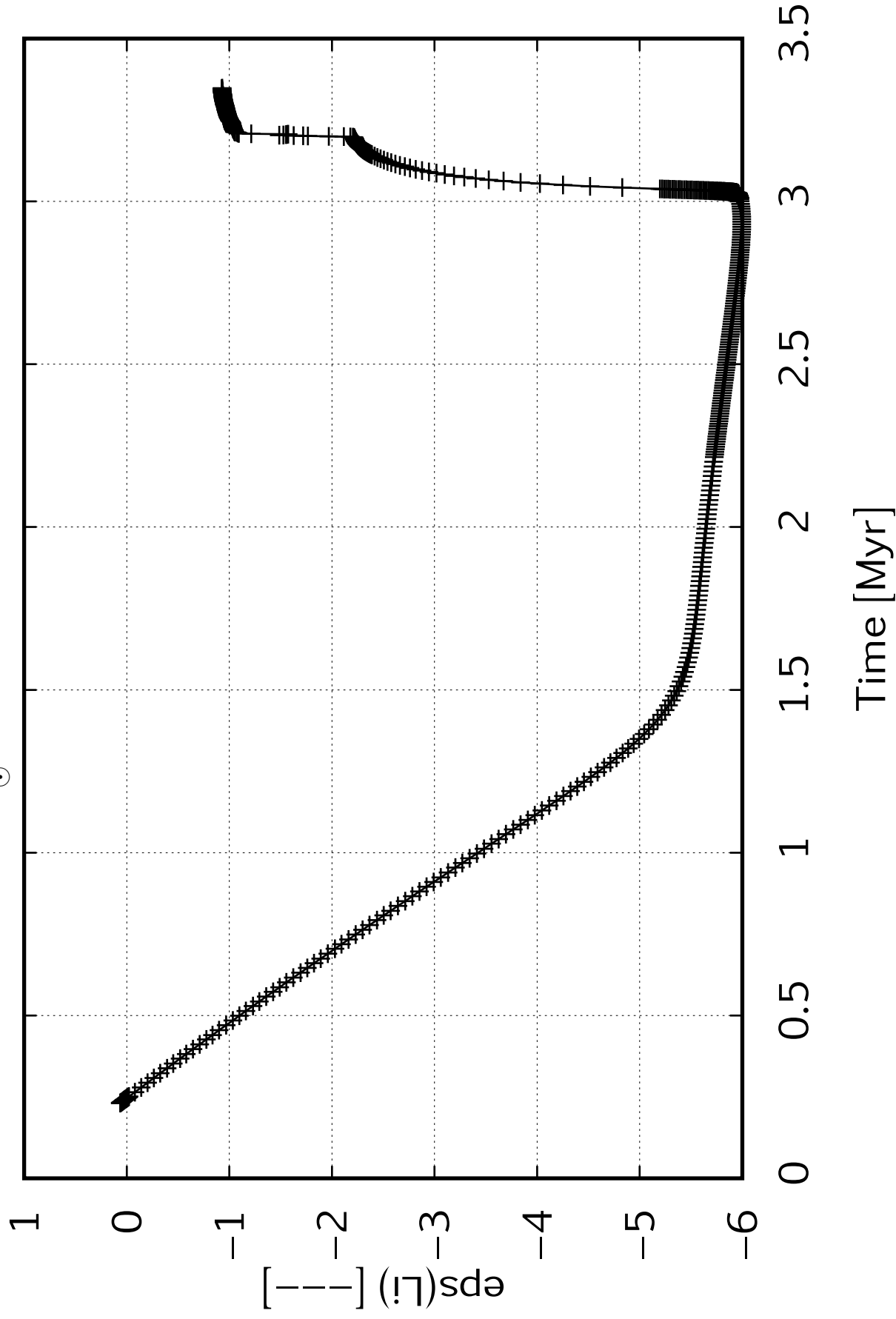
Time [Myr]



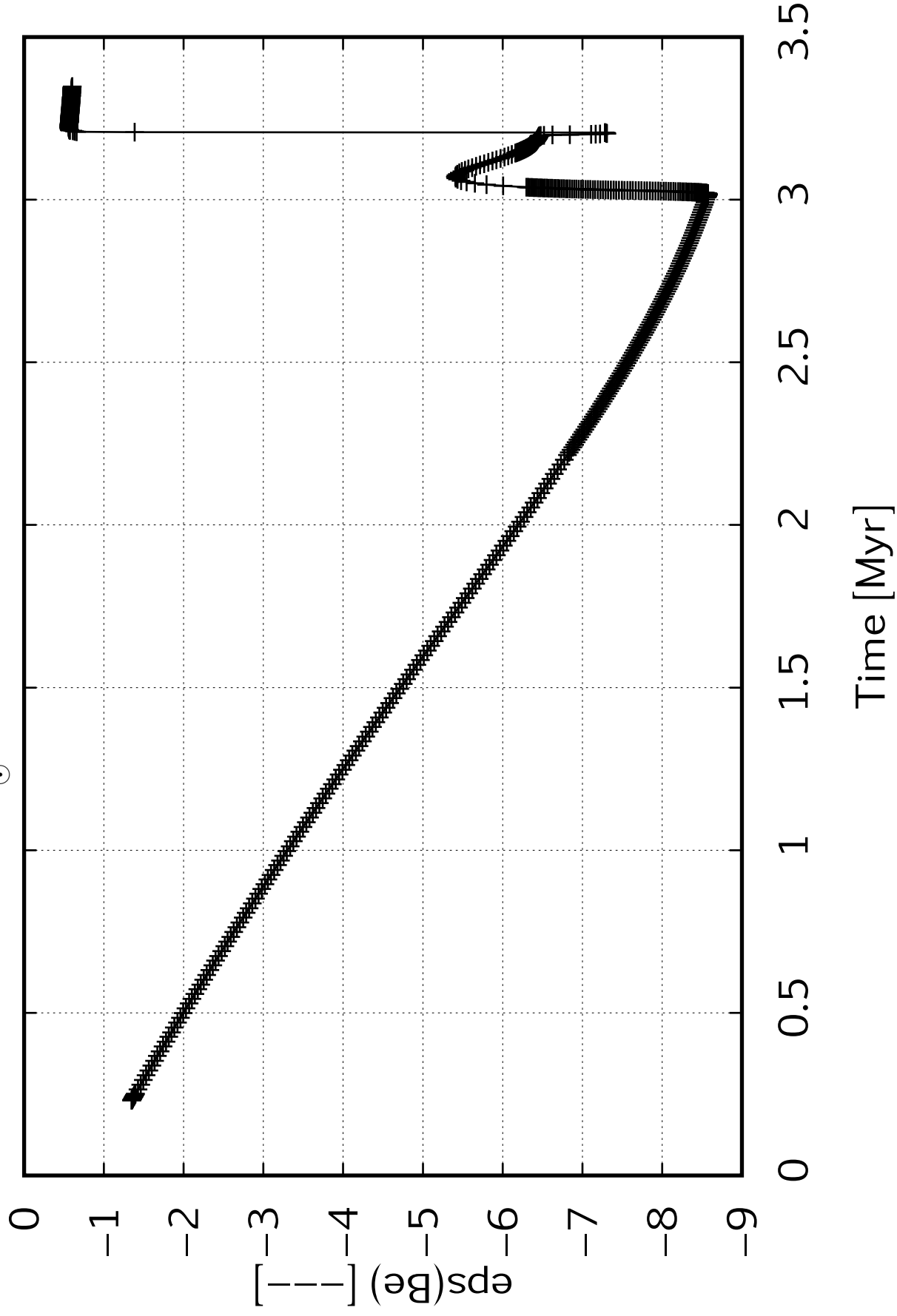
$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s



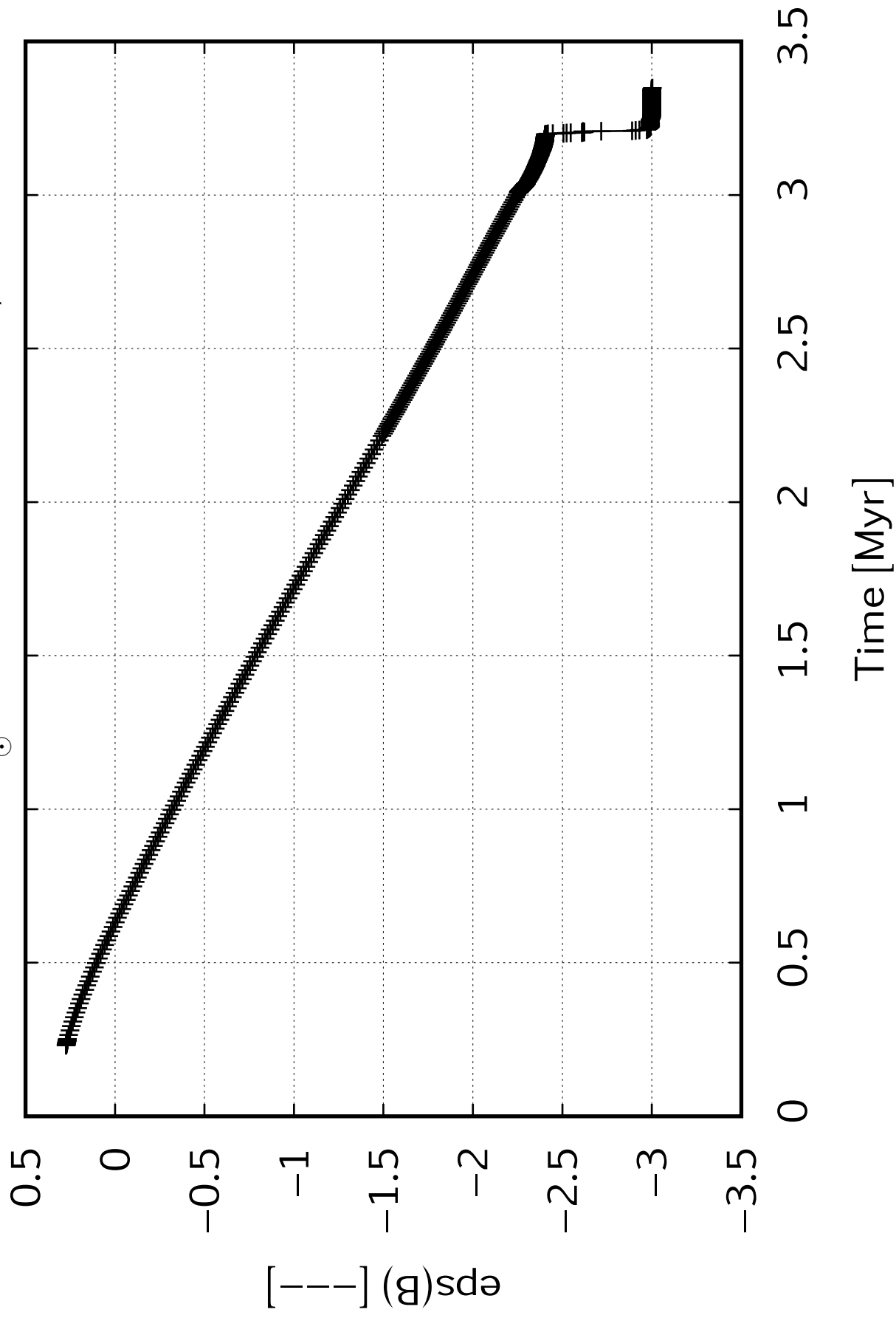
$M=55 M_{\odot}$ $Z=0.02$ smc $v=100$ km/s



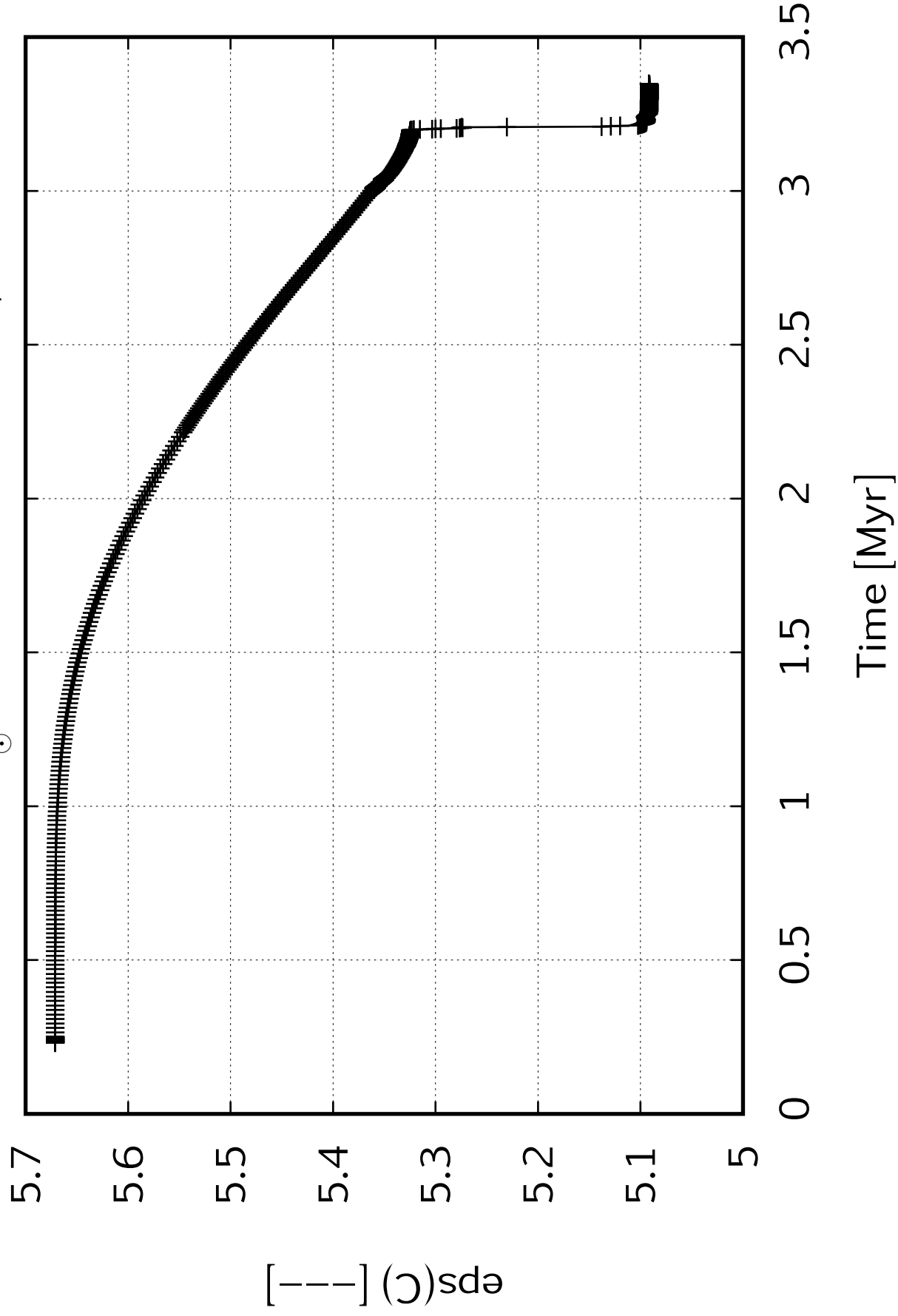
$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s



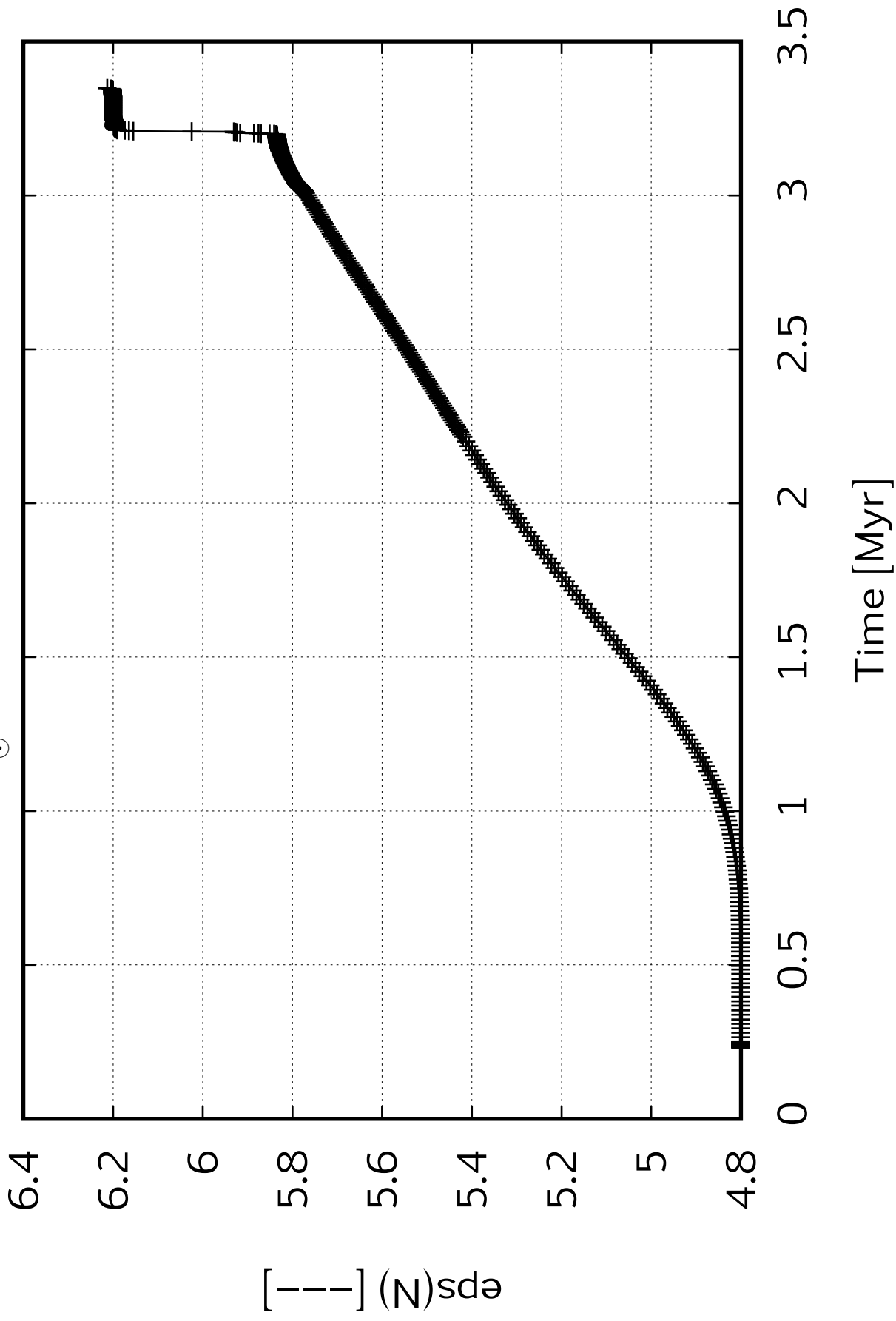
$M=55\ M_{\odot}$ $Z=0.02\ \text{smc}$ $v=100\ \text{km/s}$



$M=55\ M_{\odot}$ $Z=0.02\ \text{smc}$ $v=100\ \text{km/s}$



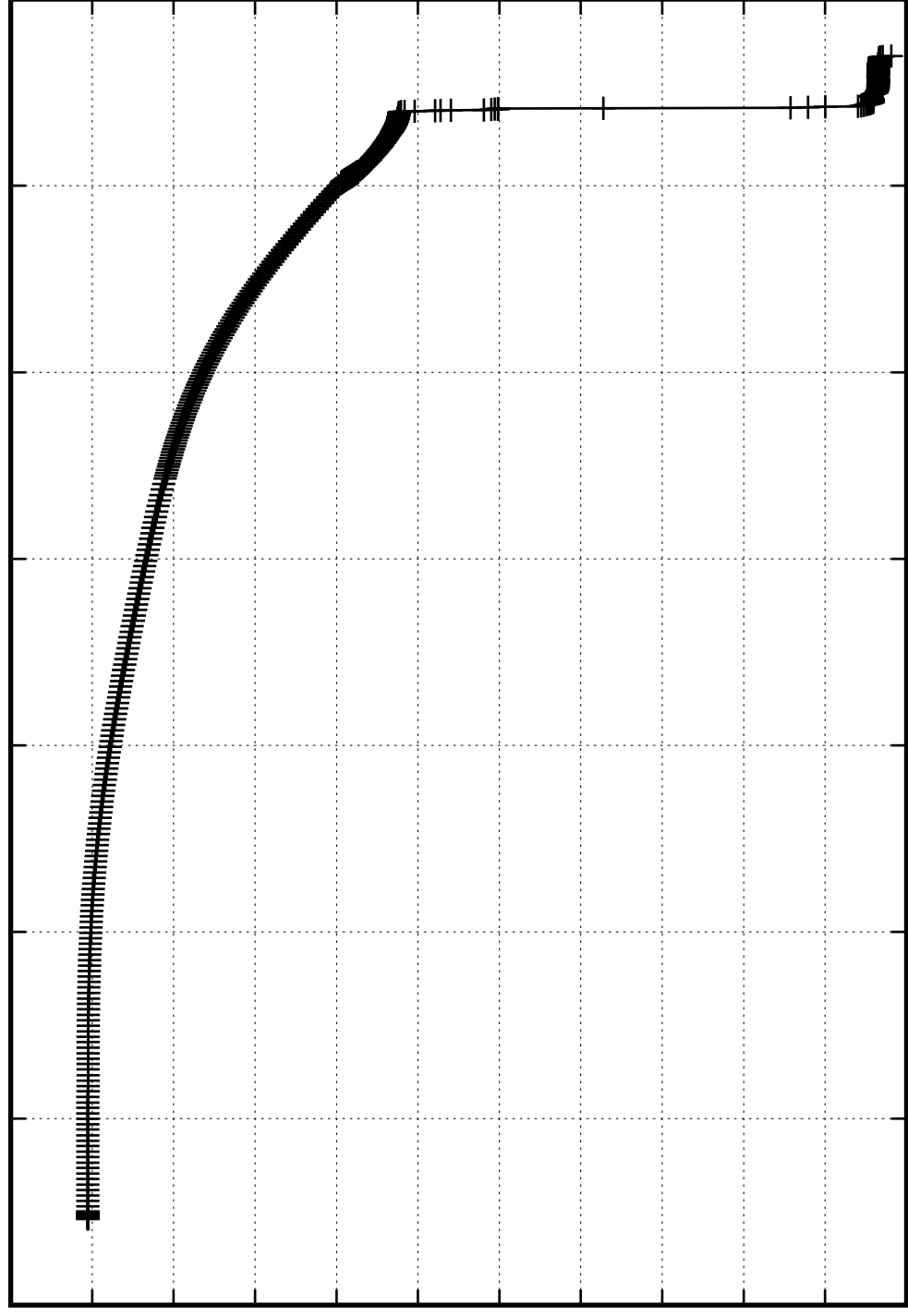
$M=55\ M_{\odot}$ $Z=0.02\ \text{smc}$ $v=100\ \text{km/s}$



$M=55\ M_{\odot}$ $Z=0.02\ \text{smc}$ $v=100\ \text{km/s}$

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

Time [Myr]



$M=55\ M_{\odot}$ $Z=0.02\ \text{smc}$ $v=100\ \text{km/s}$

2.2

2.15

2.1

2.05

2

1.95

1.9

1.85

1.8

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

0

0.5

1

1.5

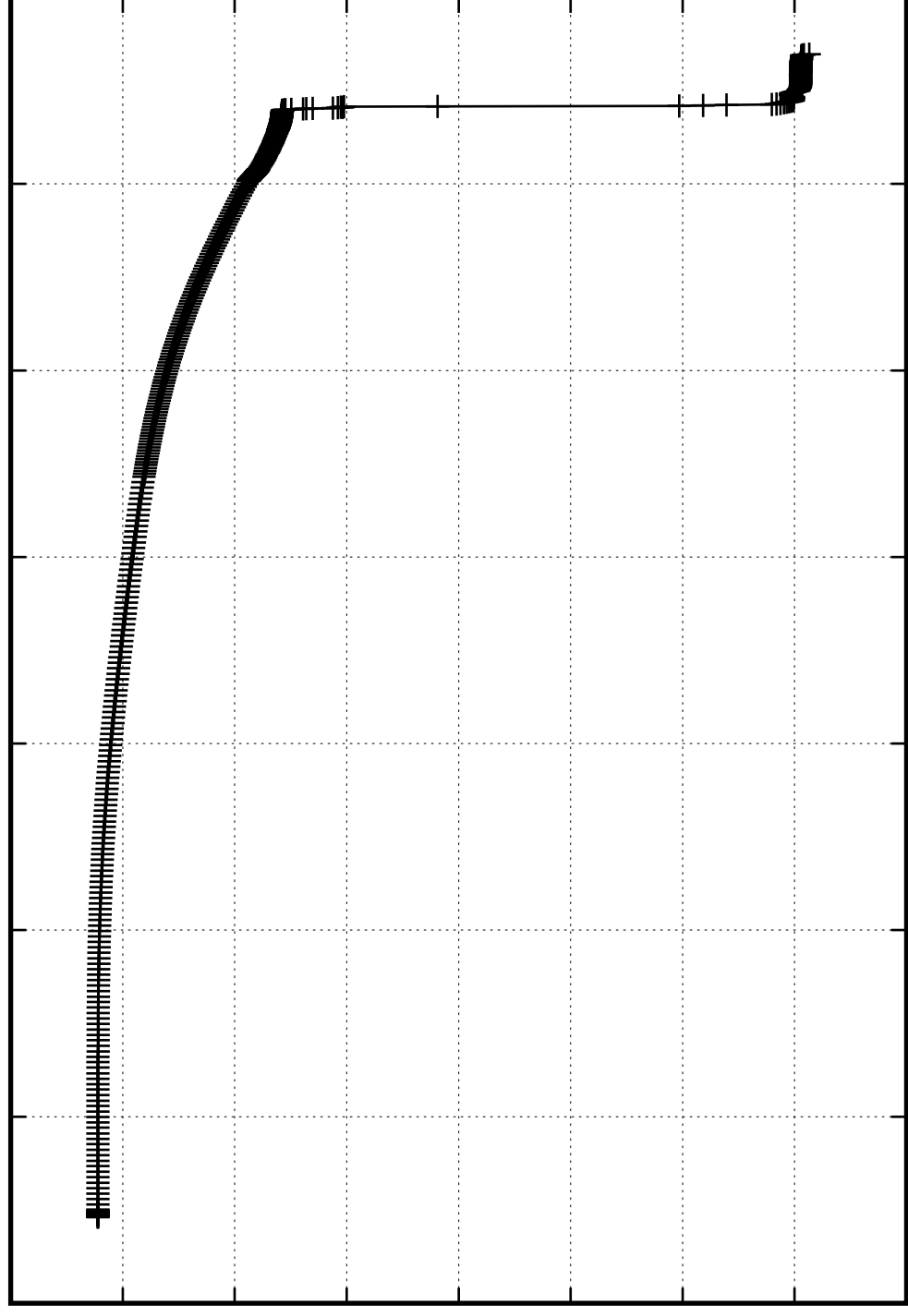
2

2.5

3

3.5

Time [Myr]



$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

5.445

5.44

5.435

5.43

5.425

5.42

5.415

5.41

$\epsilon_{\text{ps}}(\text{Ne})$ [—]

0

0.5

1

1.5

2

2.5

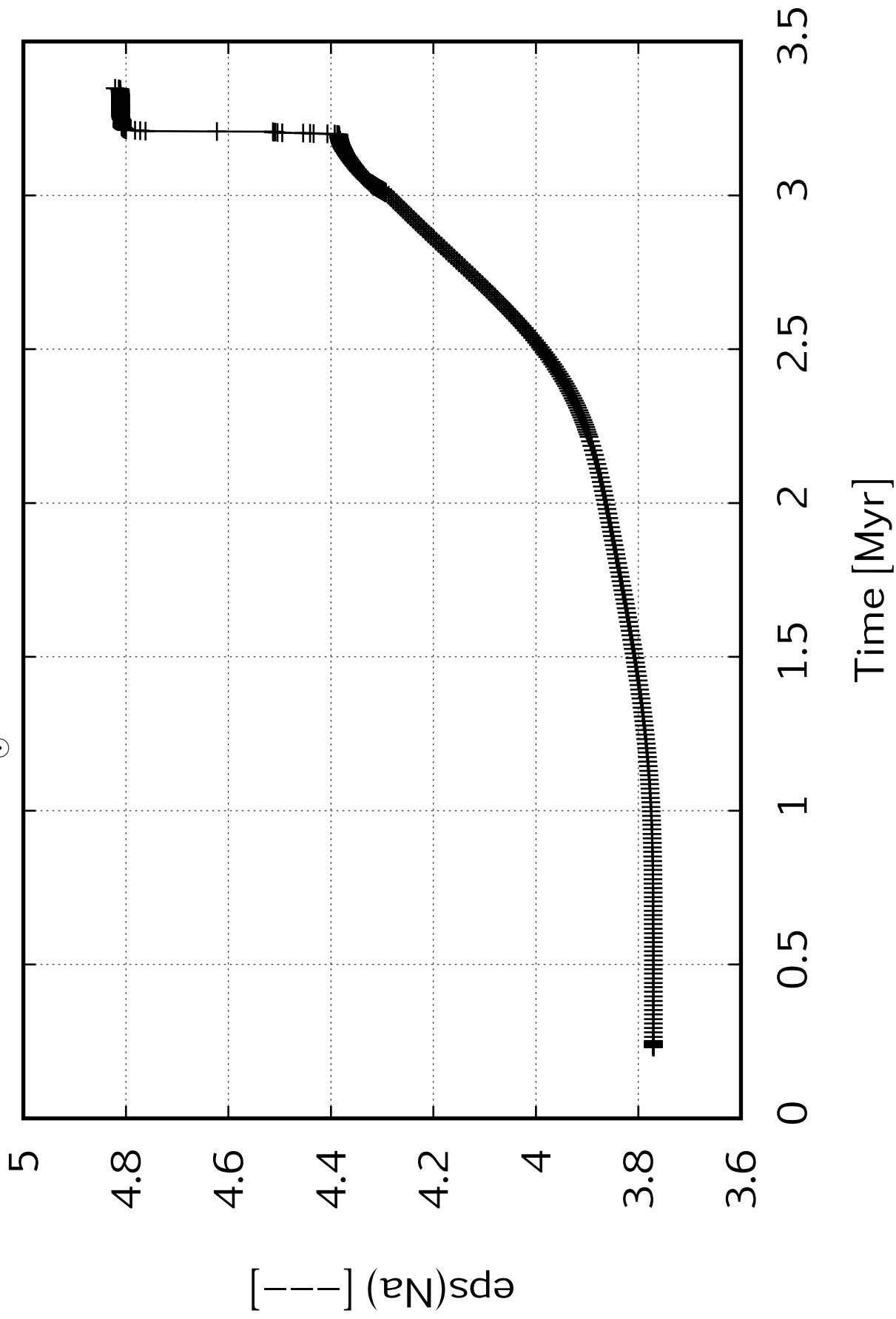
3

3.5

Time [Myr]



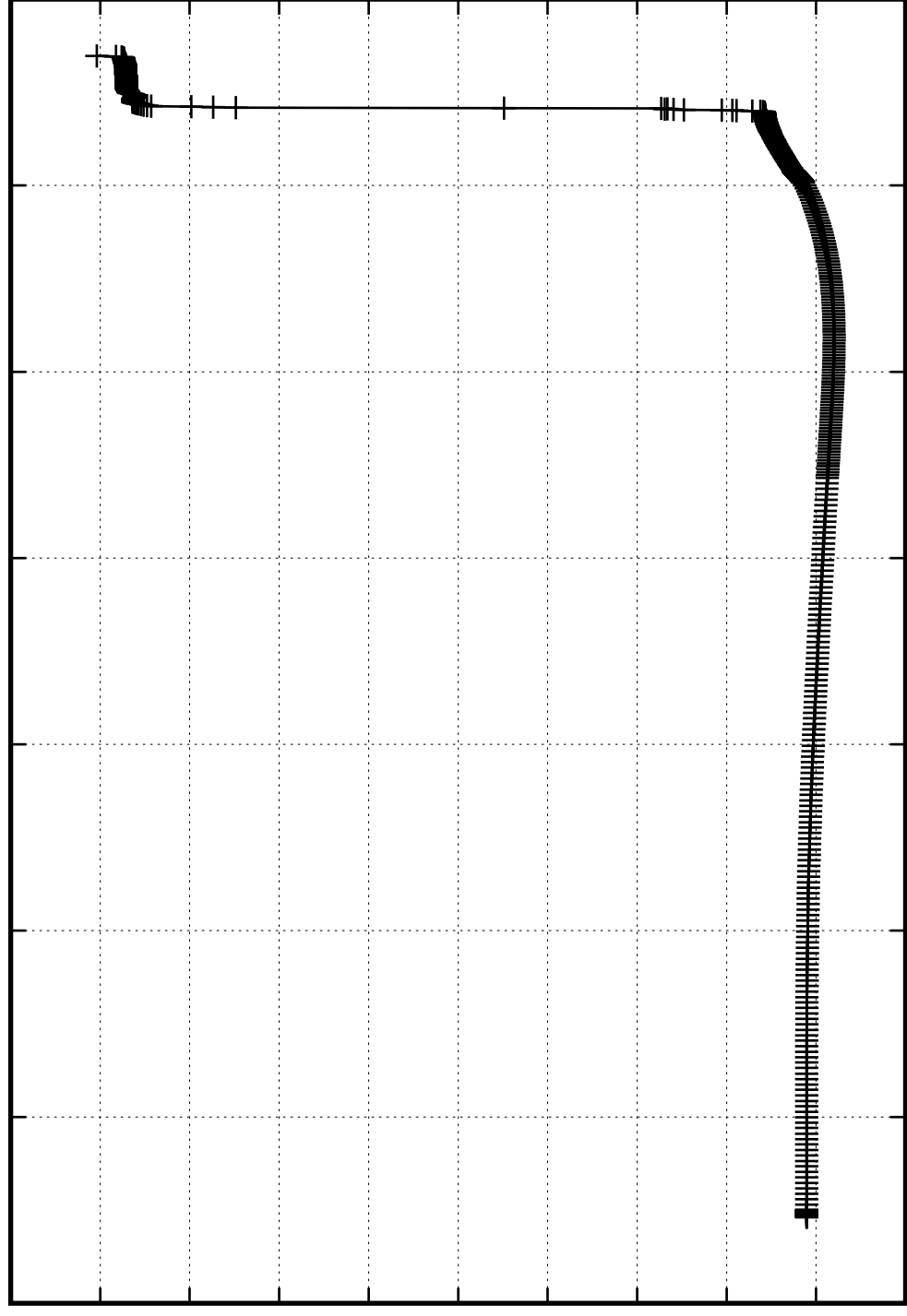
$M=55\ M_{\odot}$ $Z=0.02\ \text{smc}$ $v=100\ \text{km/s}$



$M=55\ M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

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

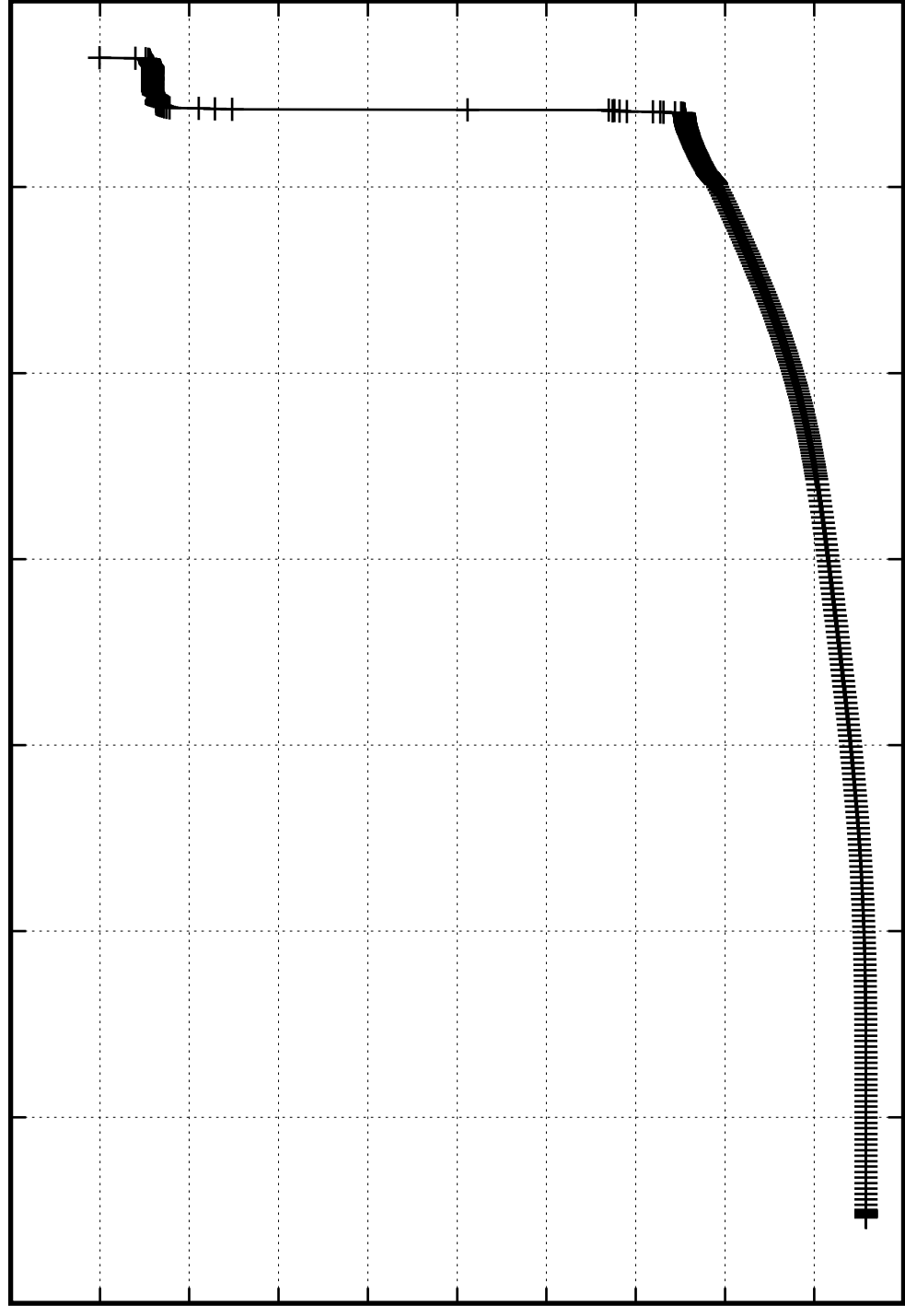
Time [Myr]



$M=55\ M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

$\epsilon_{\text{ps}}(\text{Al})$ [—]

Time [Myr]



$M=55\ M_{\odot}$ $Z=0.02\ \text{smc}$ $v=100\ \text{km/s}$

30.2

30.1

30

29.9

29.8

29.7

29.6

29.5

He-core-size [M_{sun}]

0

0.5

1

1.5

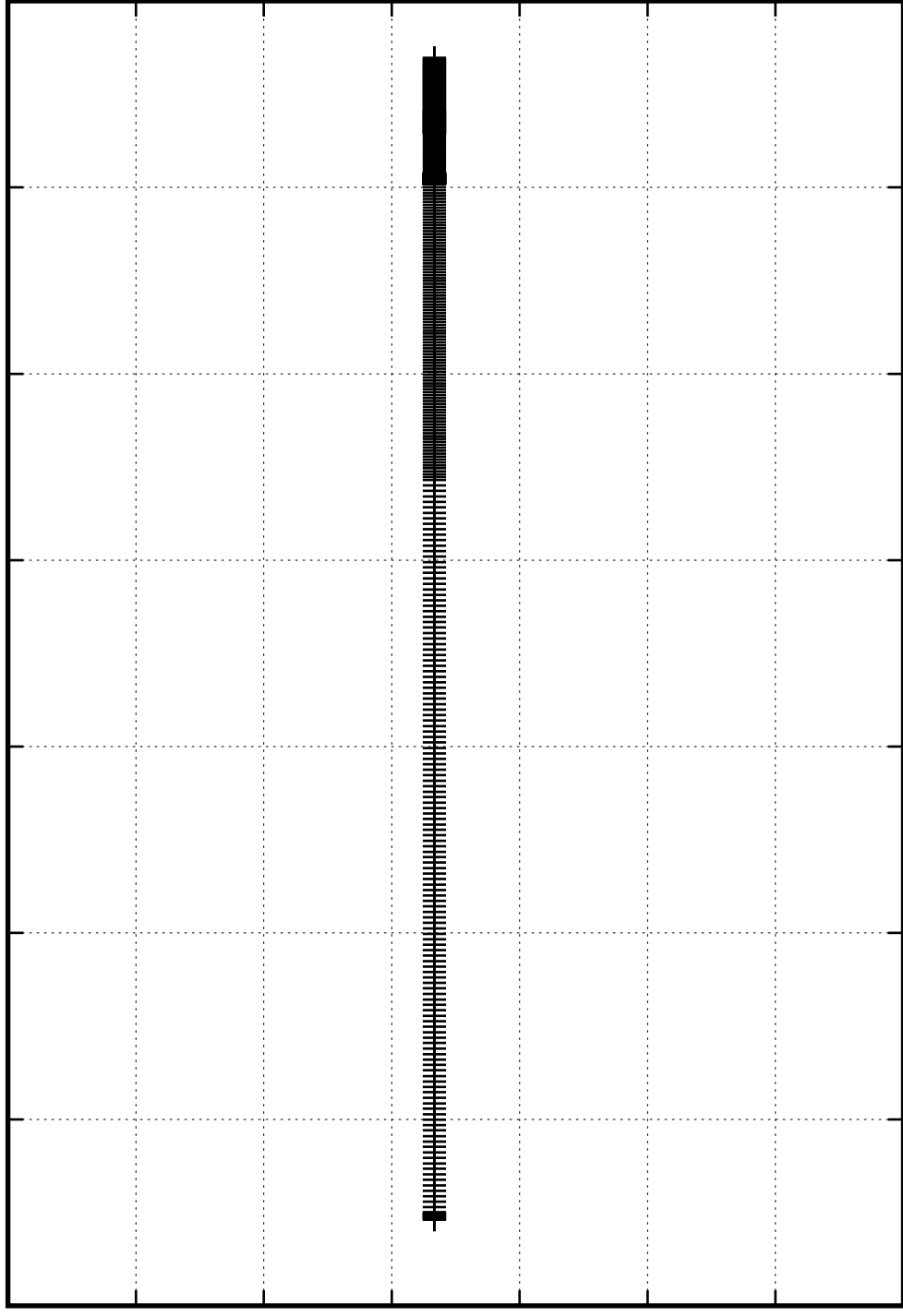
2

2.5

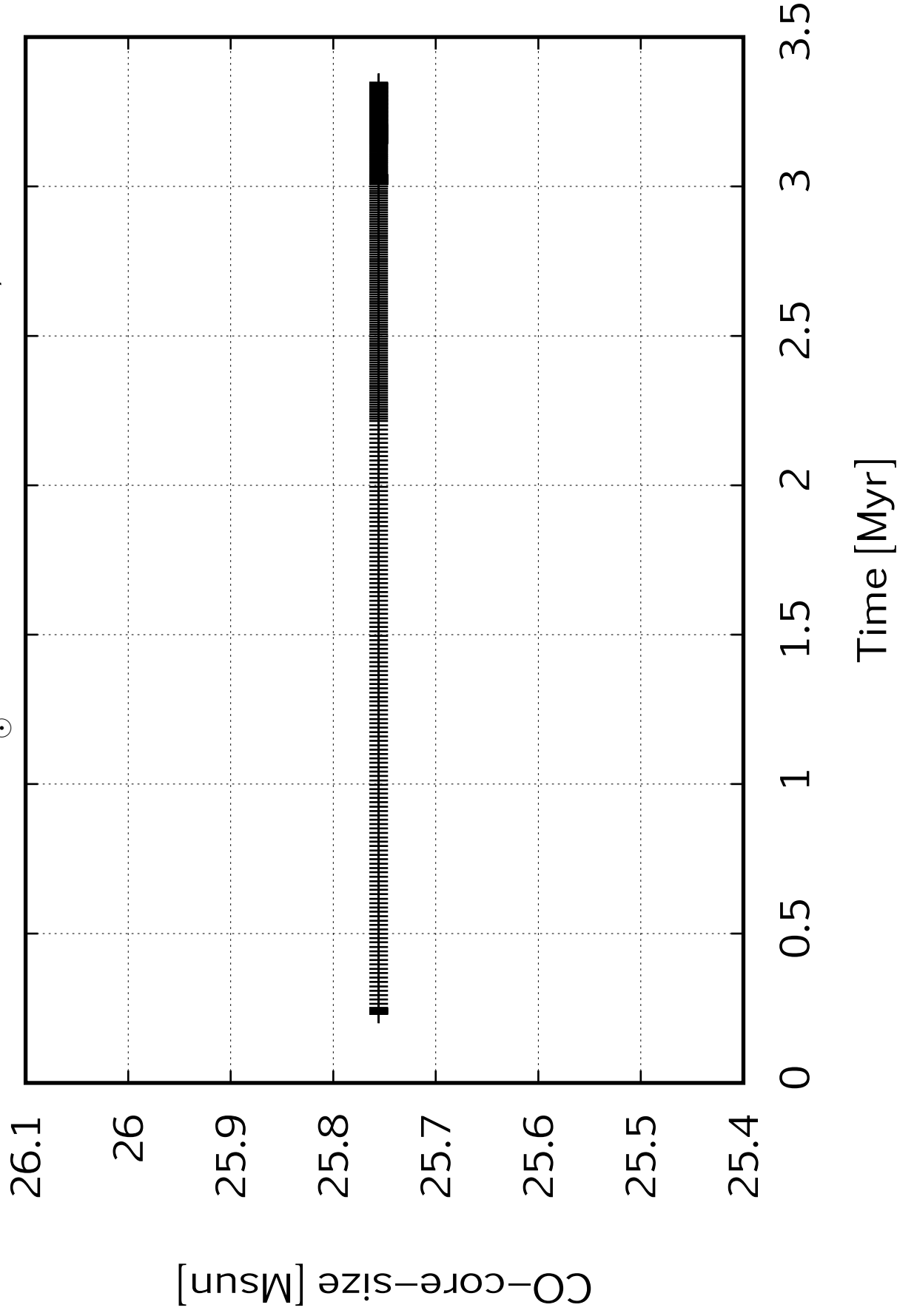
3

3.5

Time [Myr]



$M=55\ M_{\odot}$ $Z=0.02\ \text{smc}$ $v=100\ \text{km/s}$



$M=55\ M_{\odot}$ $Z=0.02\ \text{smc}$ $v=100\ \text{km/s}$

0.76

0.74

0.72

0.7

0.68

0.66

0.64

0.62

0.6

$[\text{H I}]$

0

0.5

1

1.5

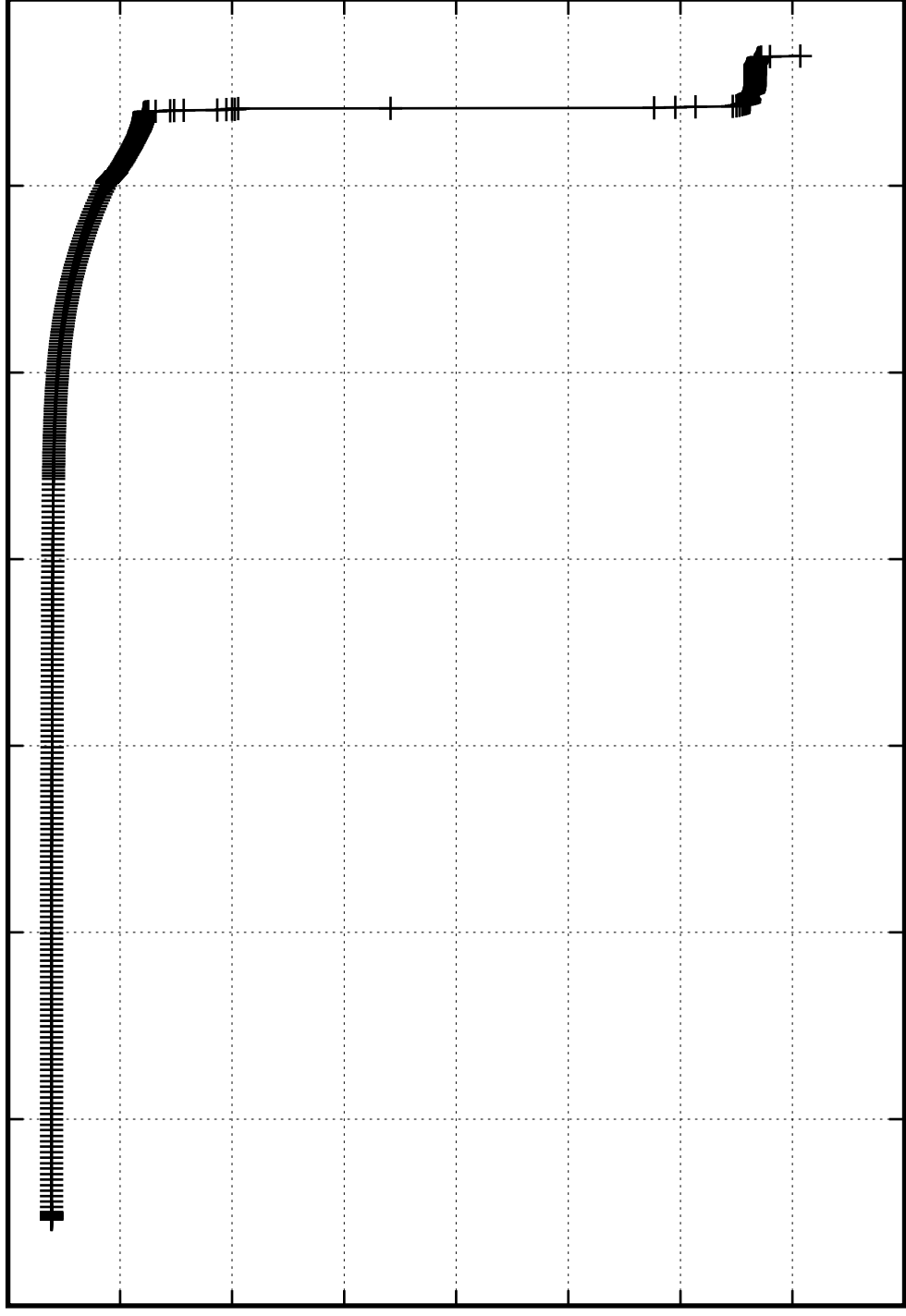
2

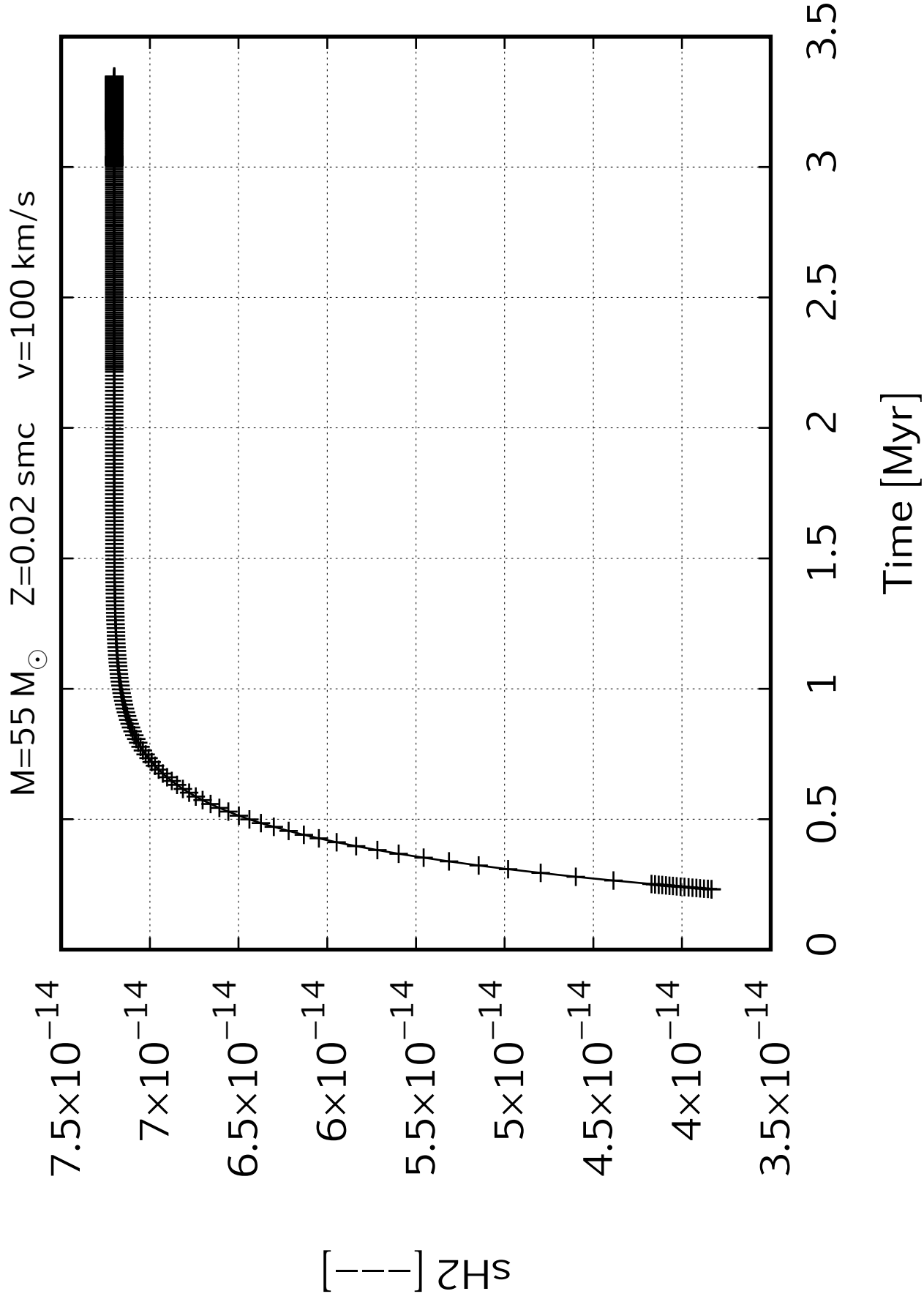
2.5

3

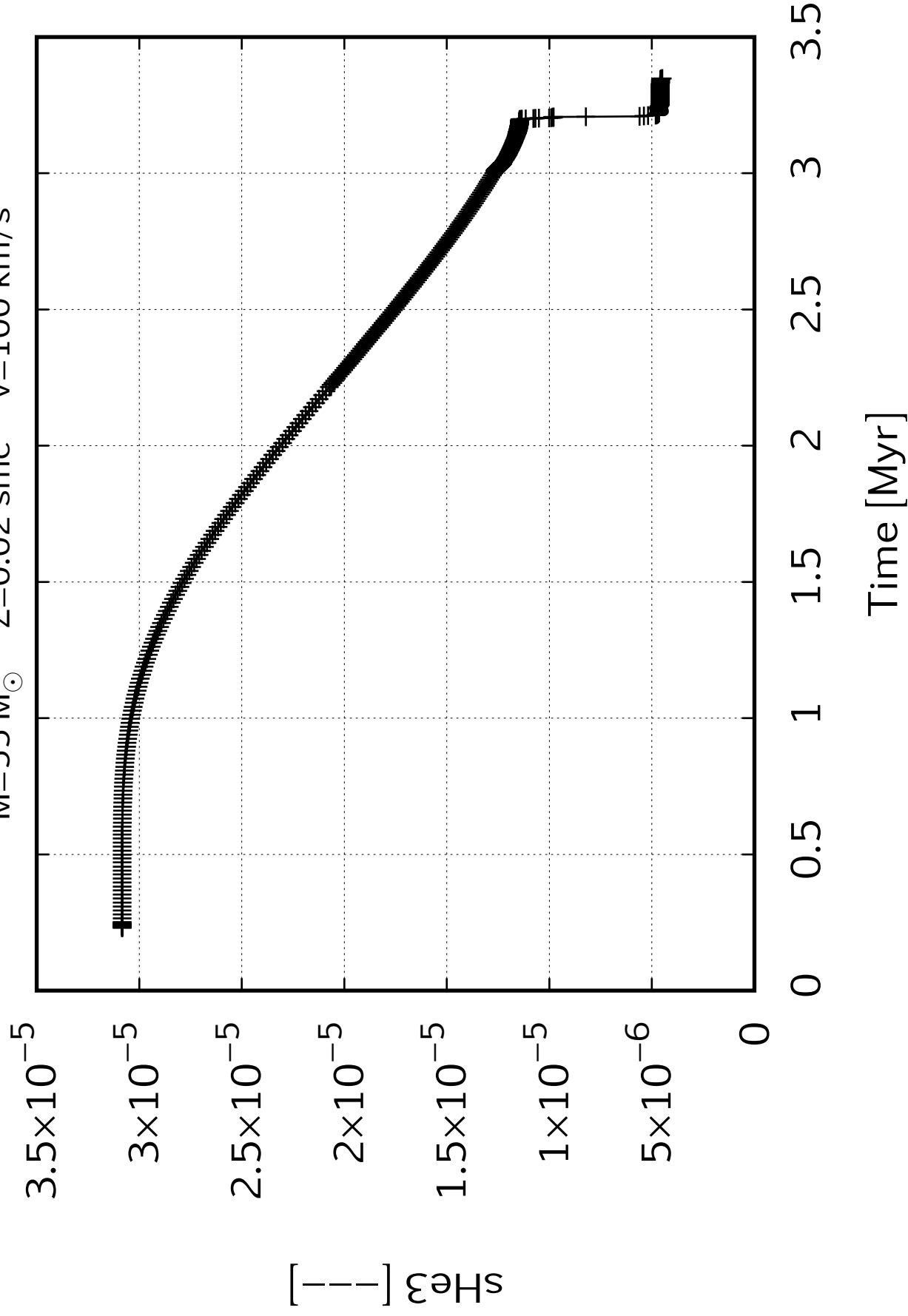
3.5

Time [Myr]

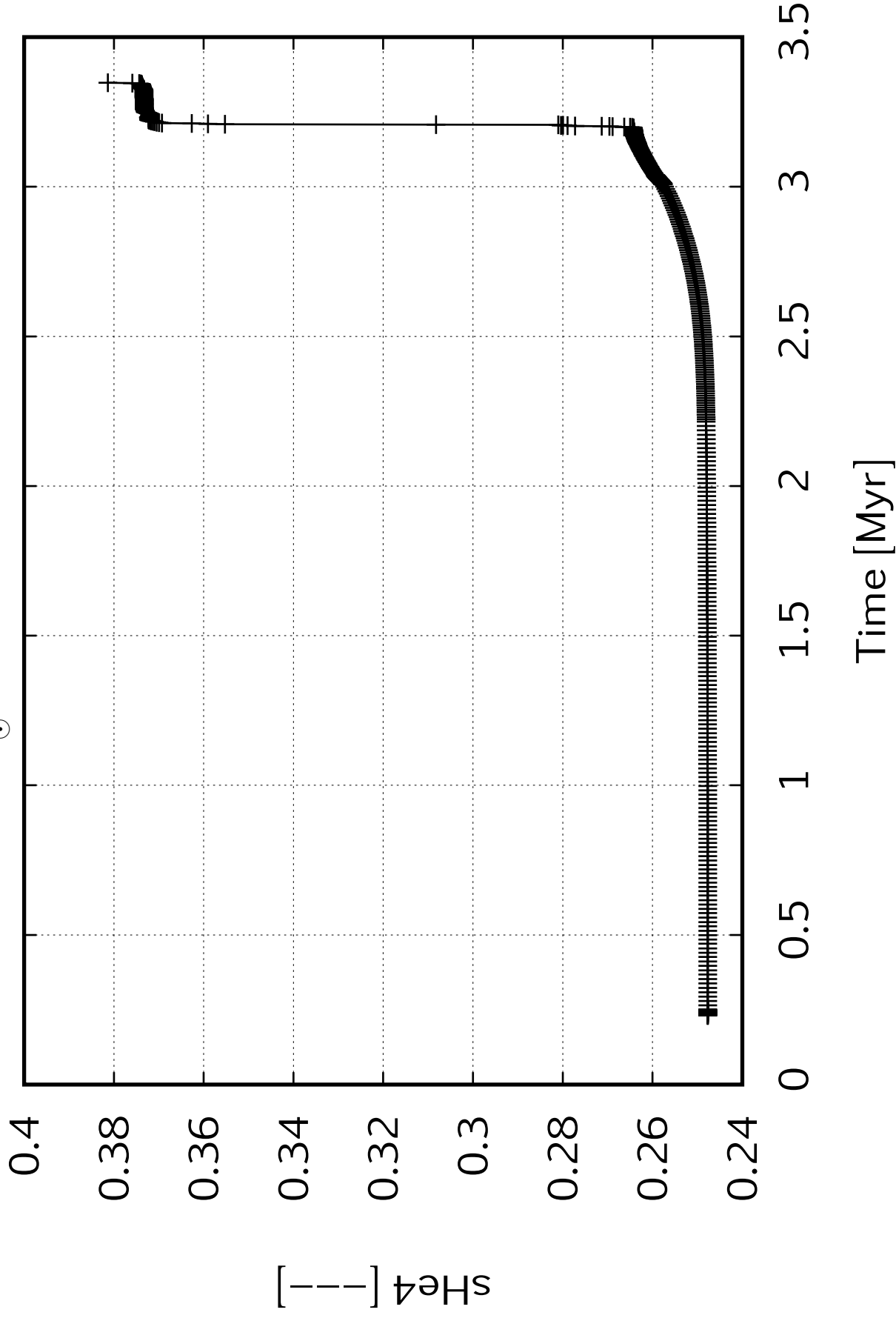


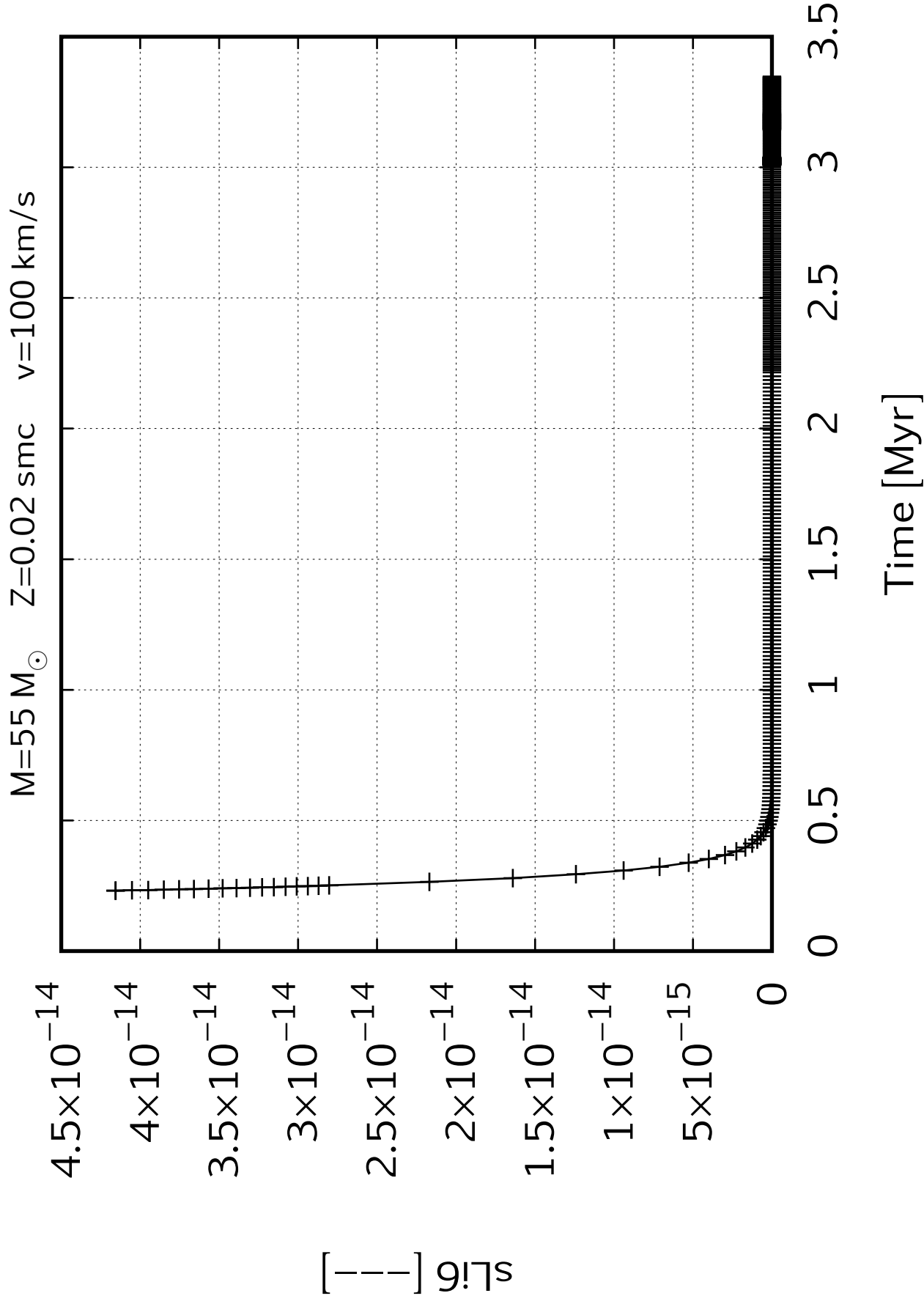


$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

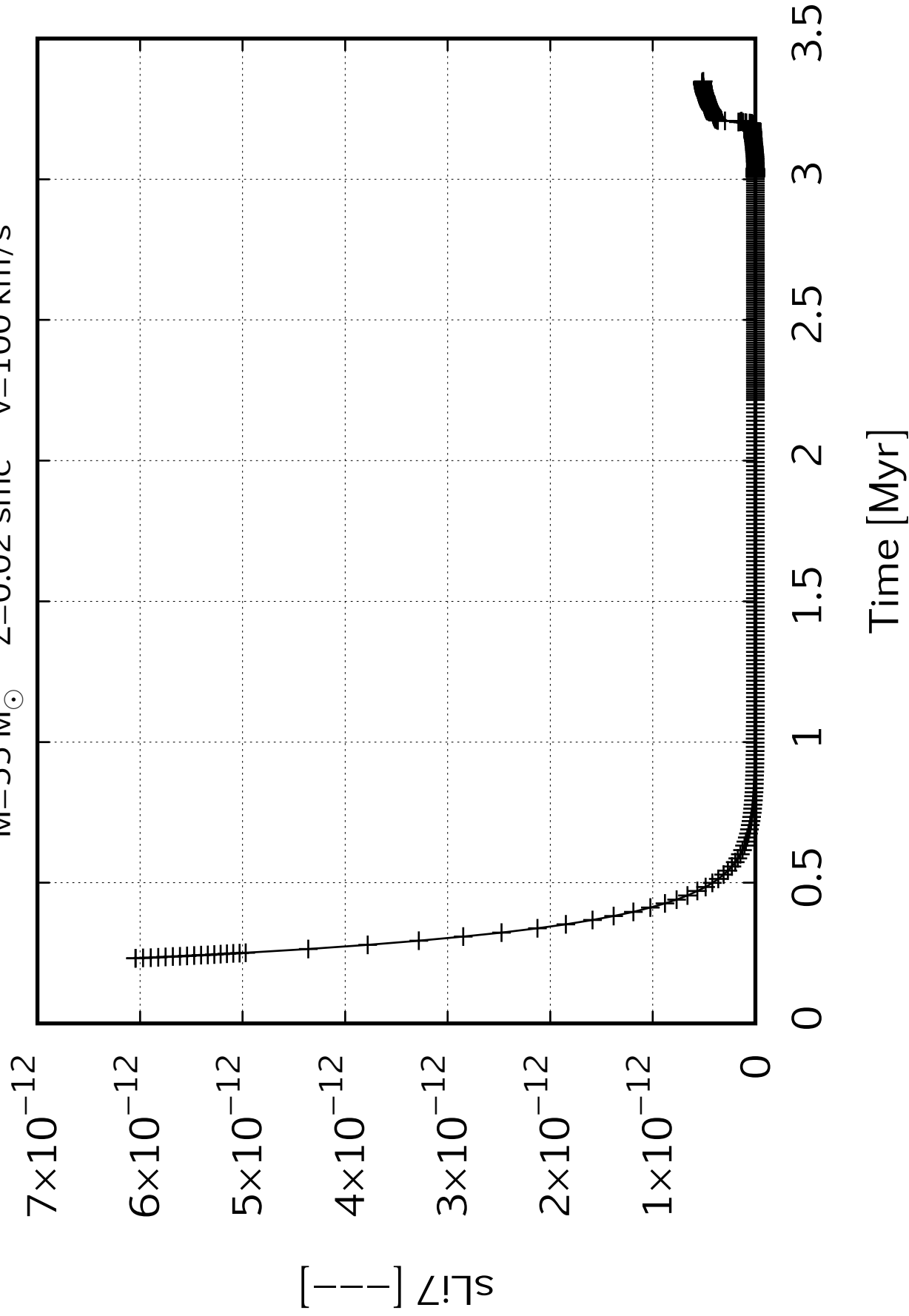


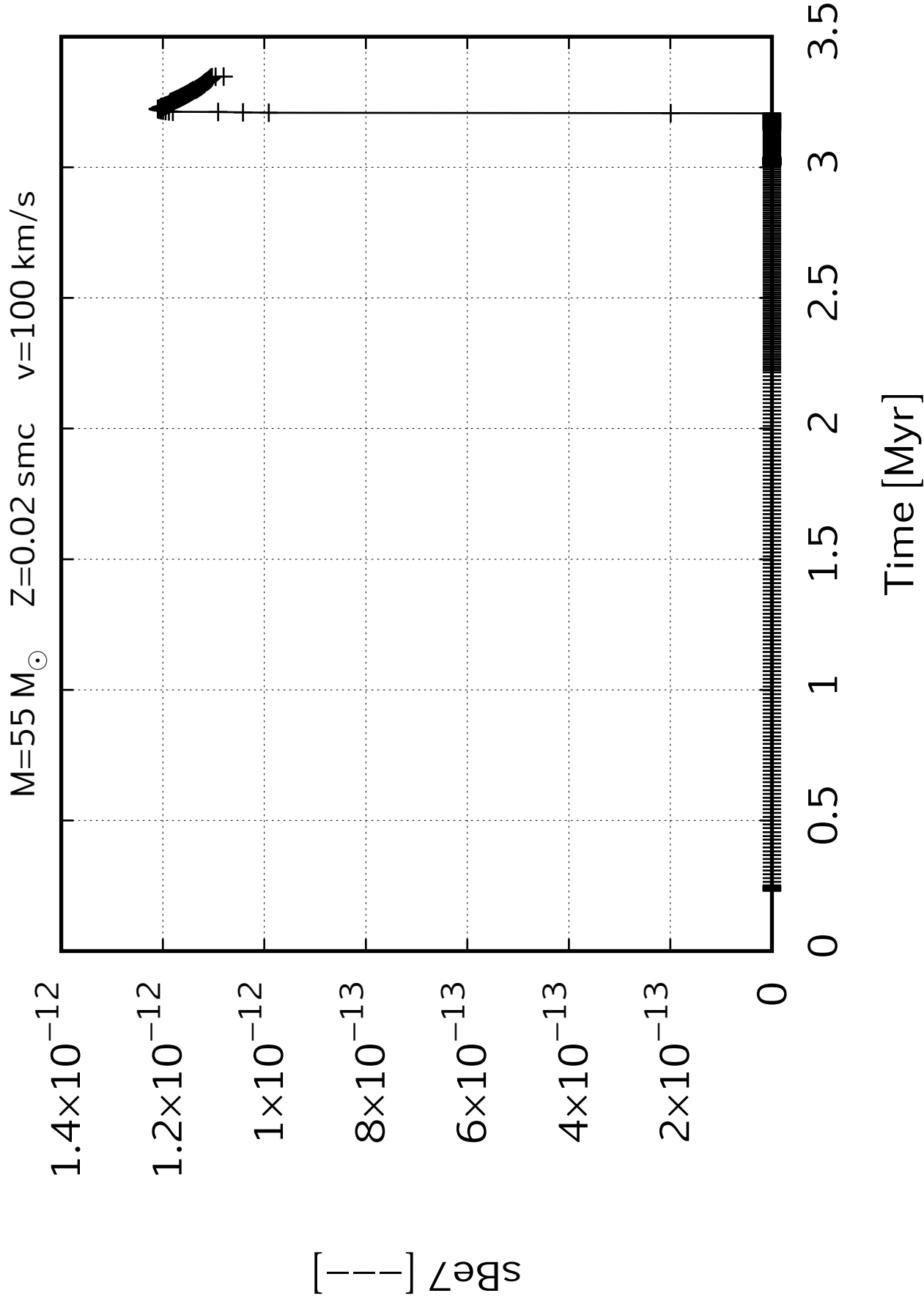
$M=55\ M_{\odot}$ $Z=0.02\ \text{smc}$ $v=100\ \text{km/s}$

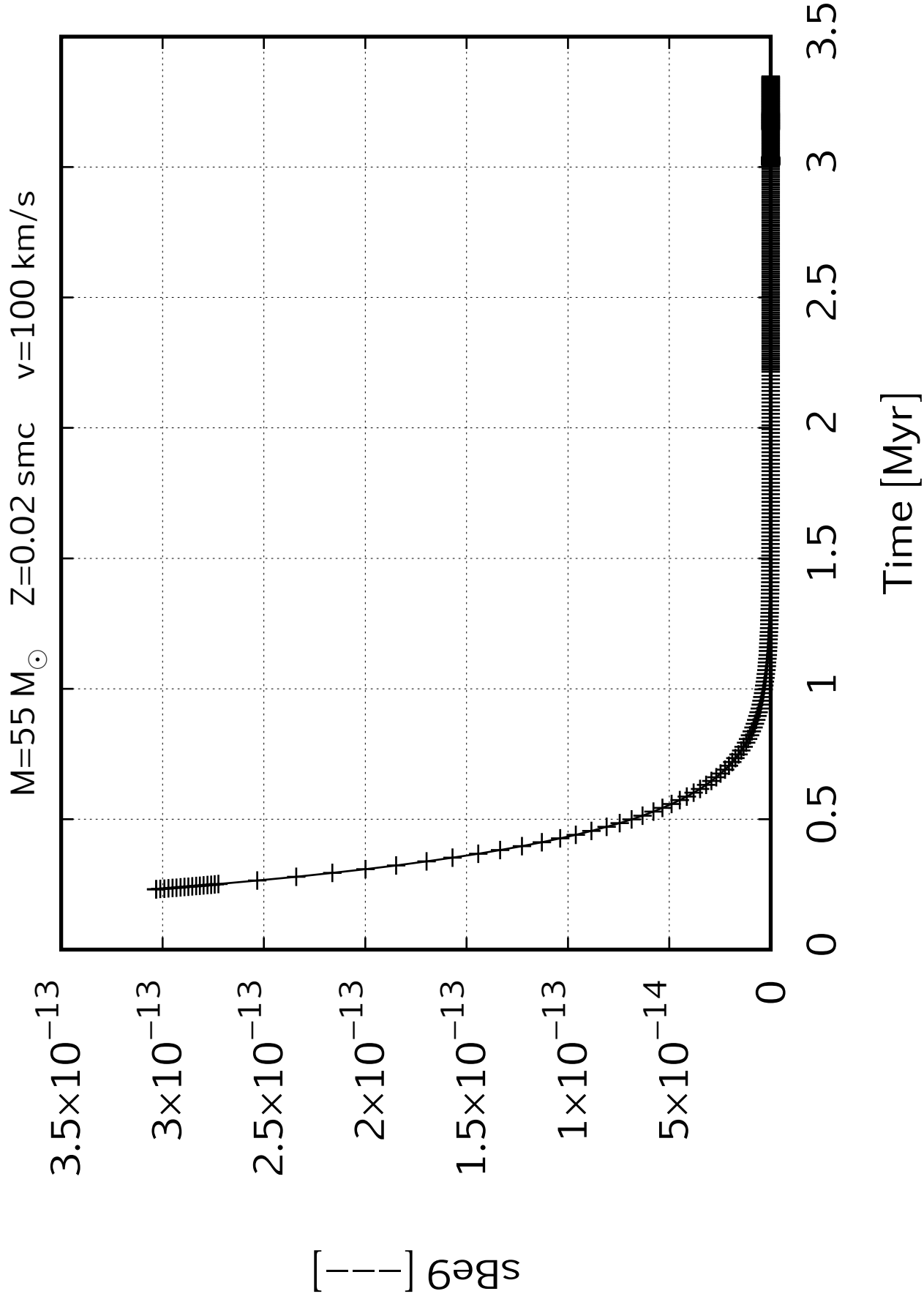


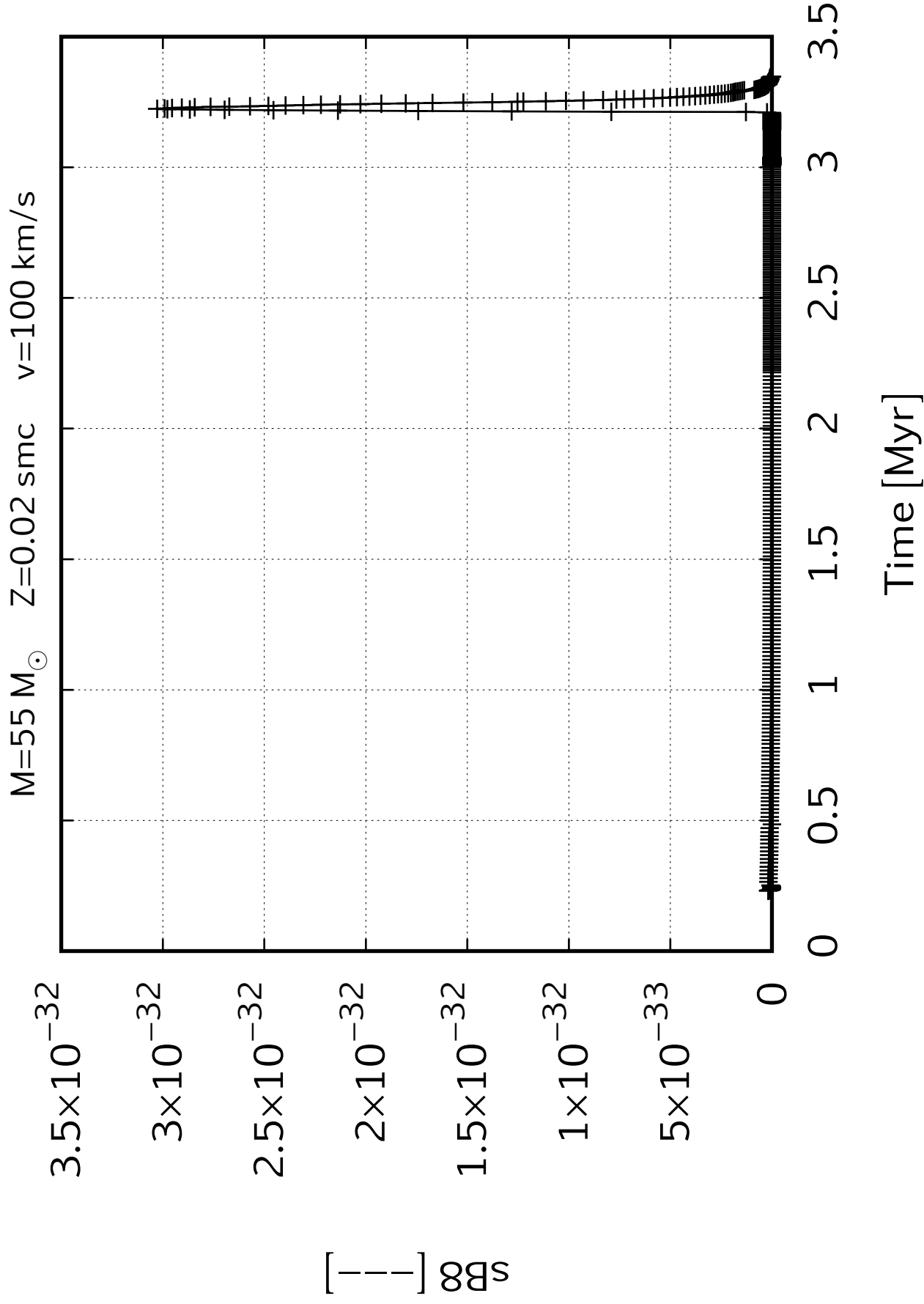


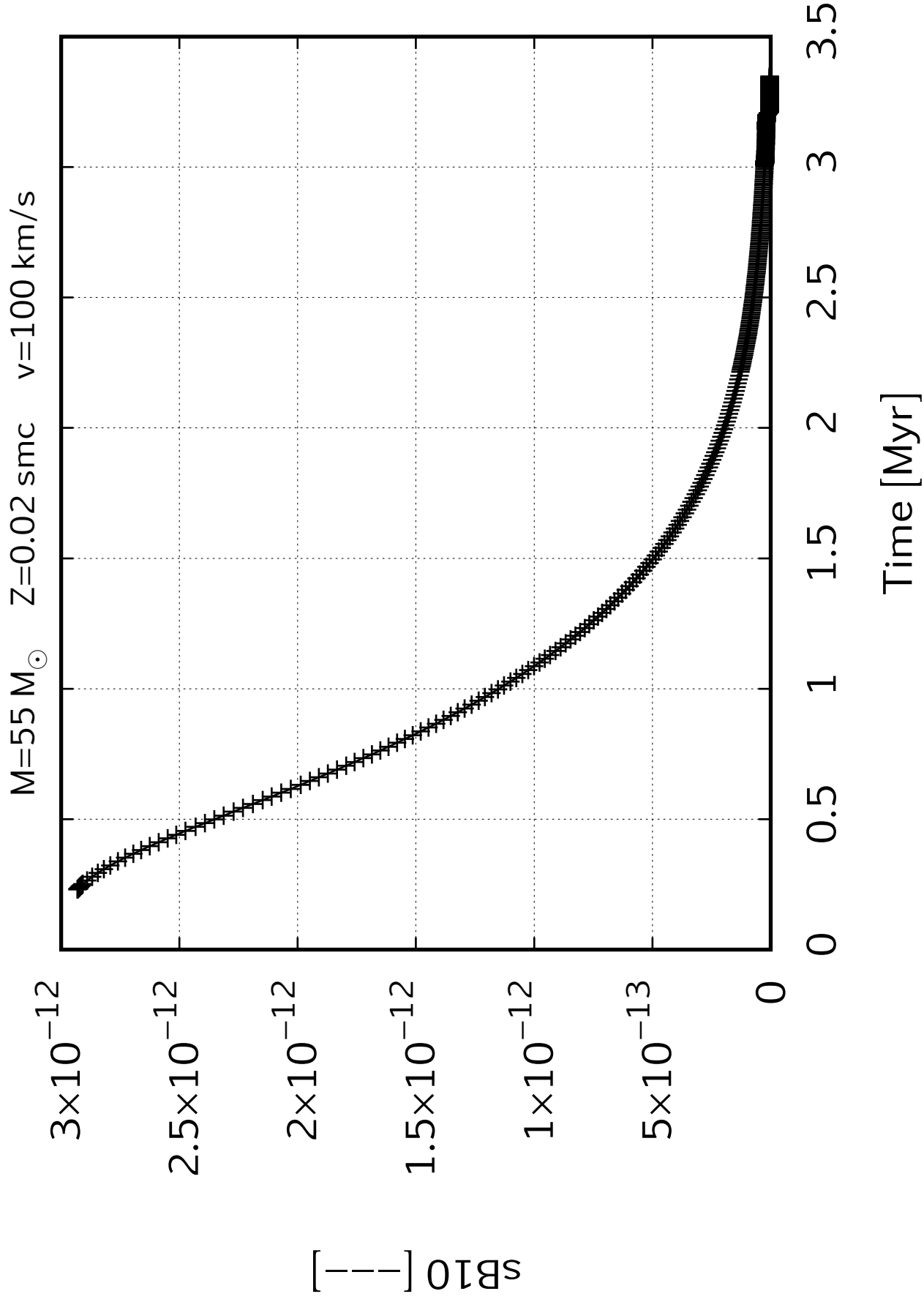
$M=55 M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

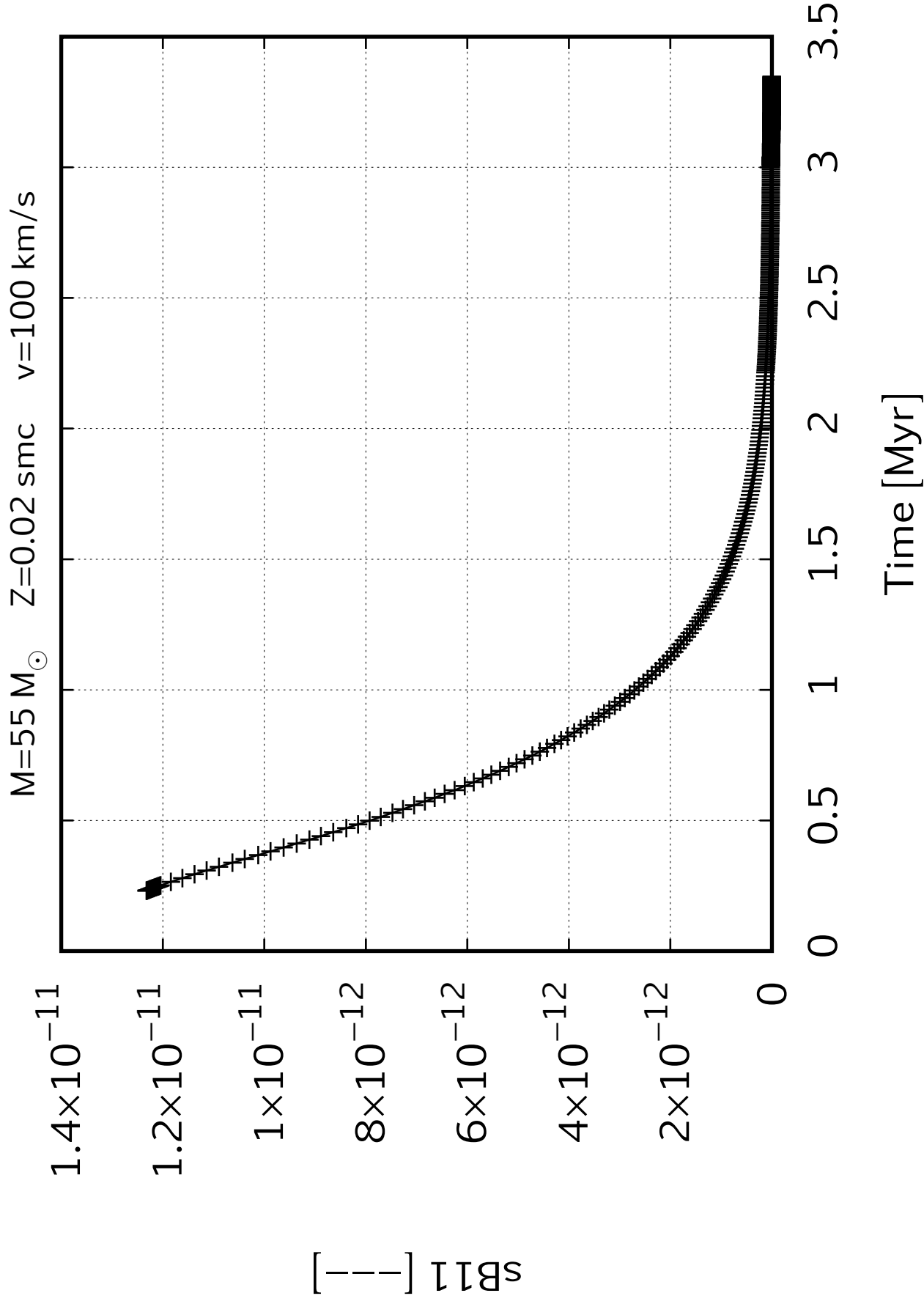


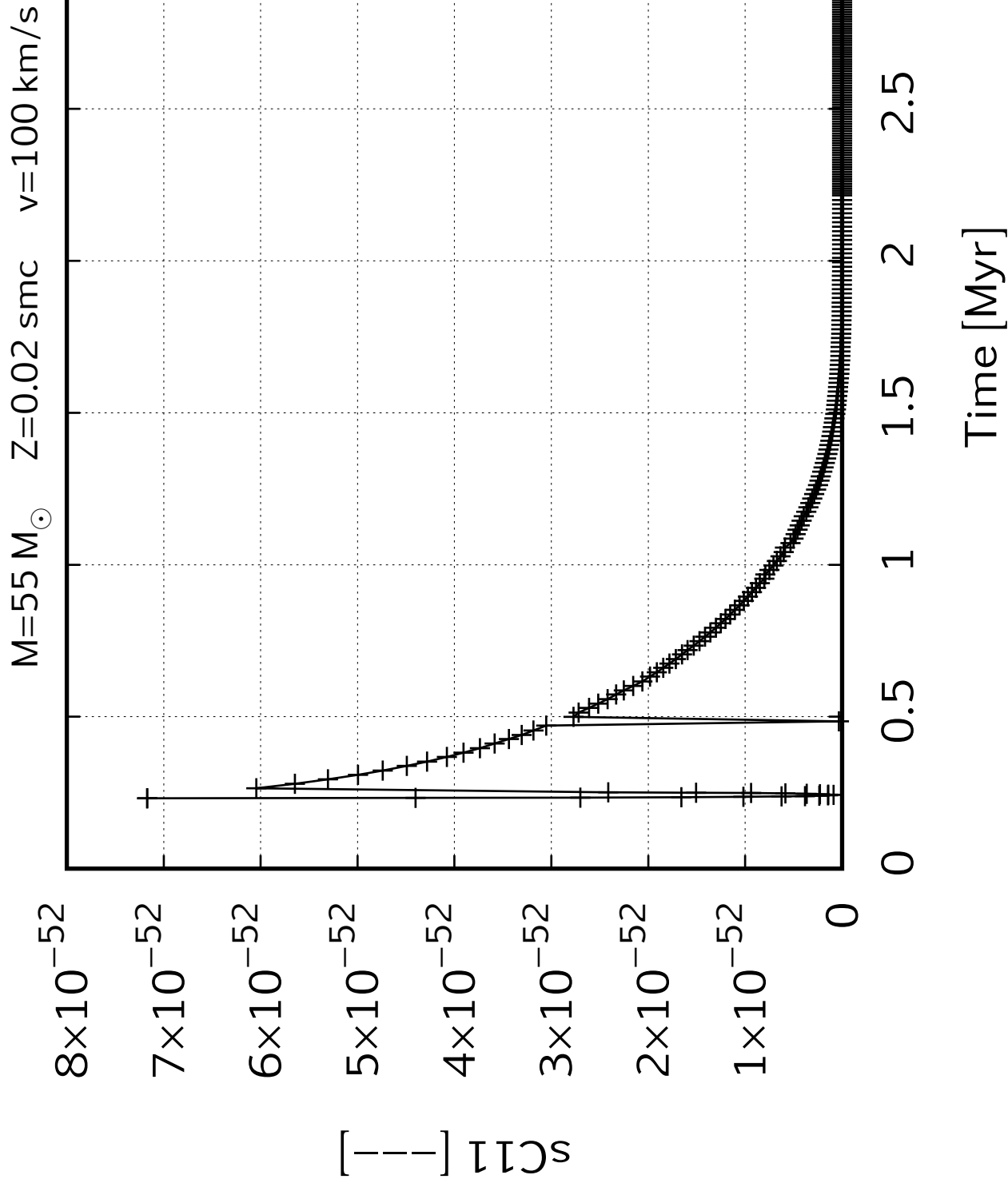












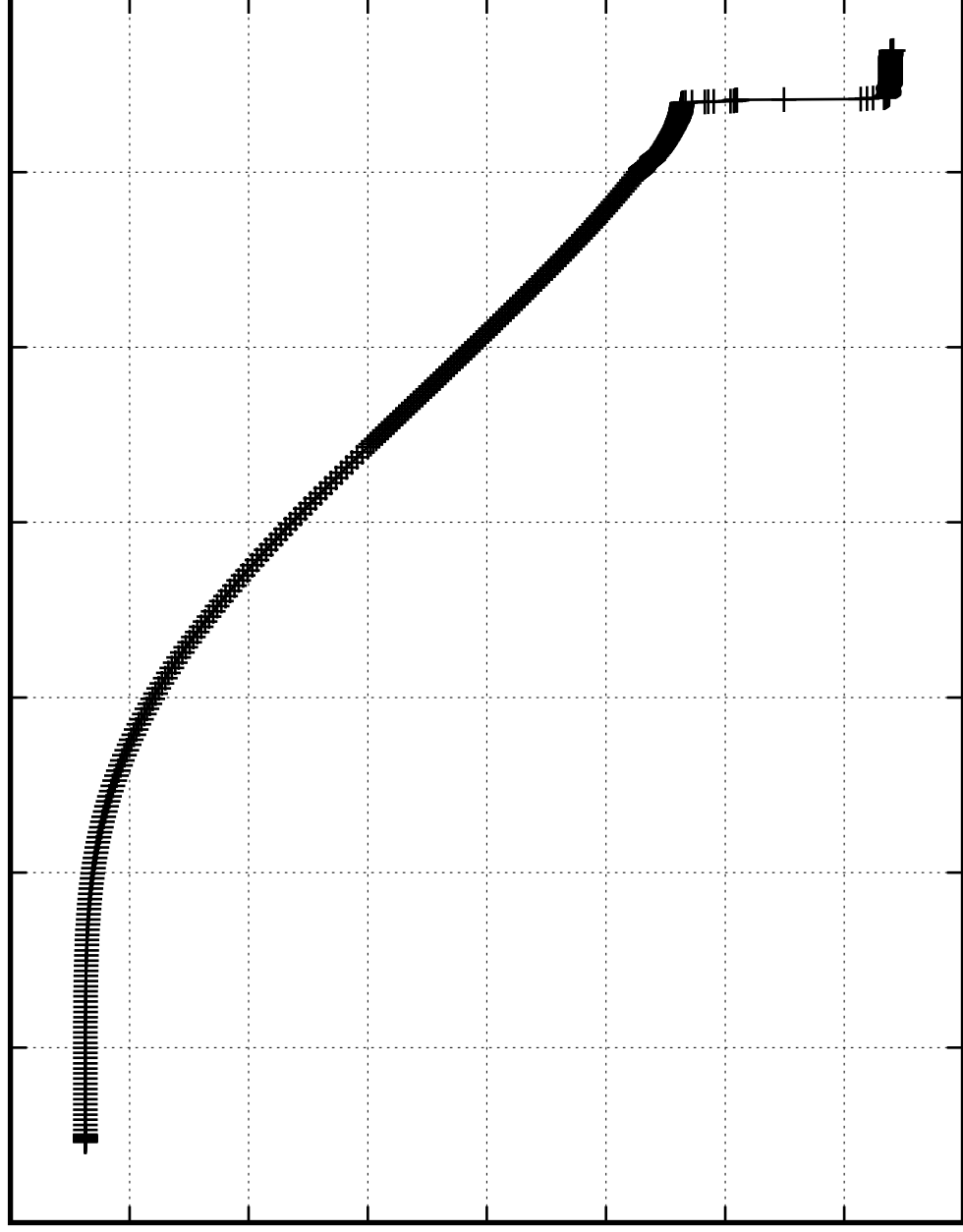
$M=55\ M_{\odot}$ $Z=0.02\ \text{smc}$ $v=100\ \text{km/s}$

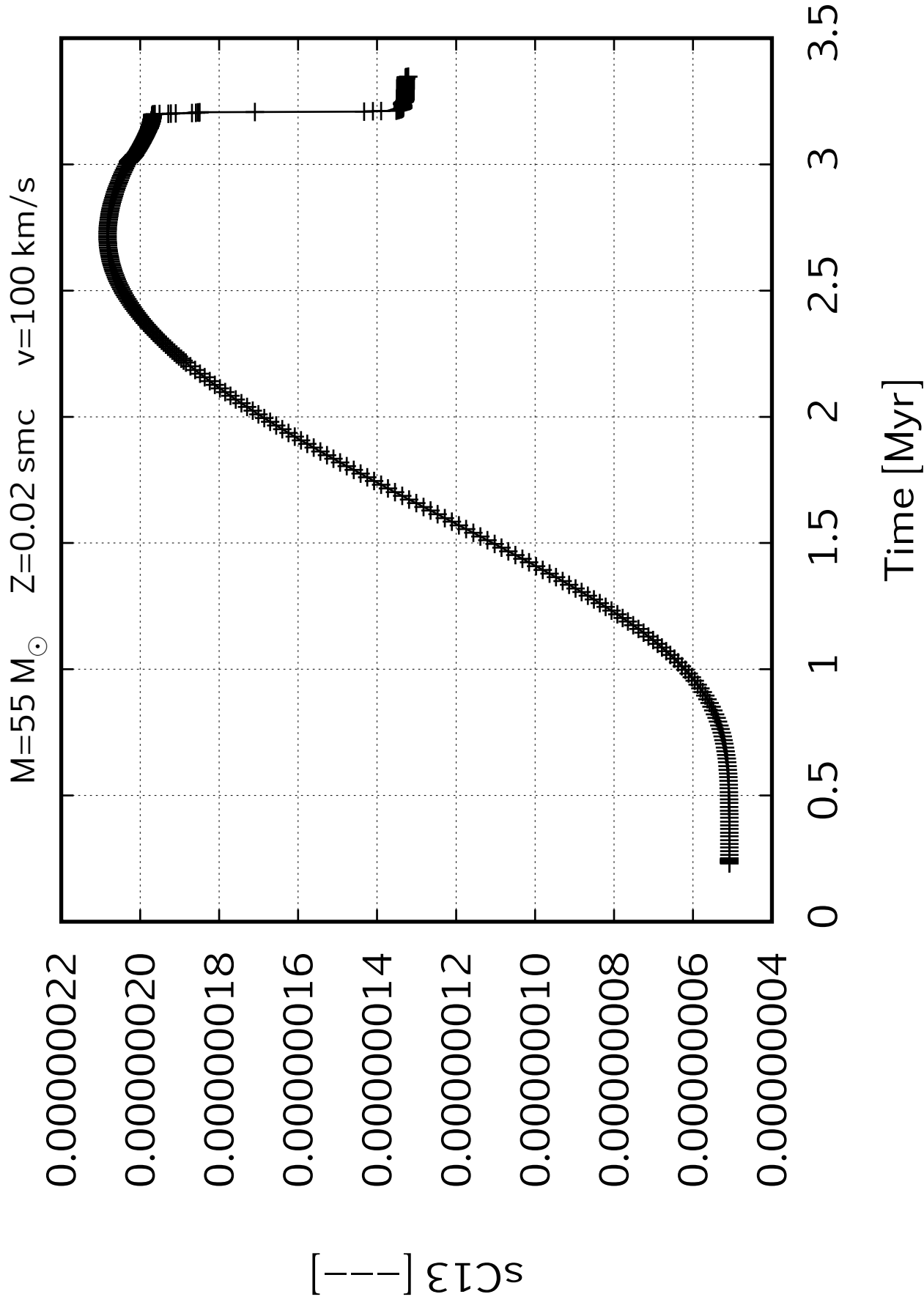
0.0000045
0.0000040
0.0000035
0.0000030
0.0000025
0.0000020
0.0000015
0.0000010
0.0000005

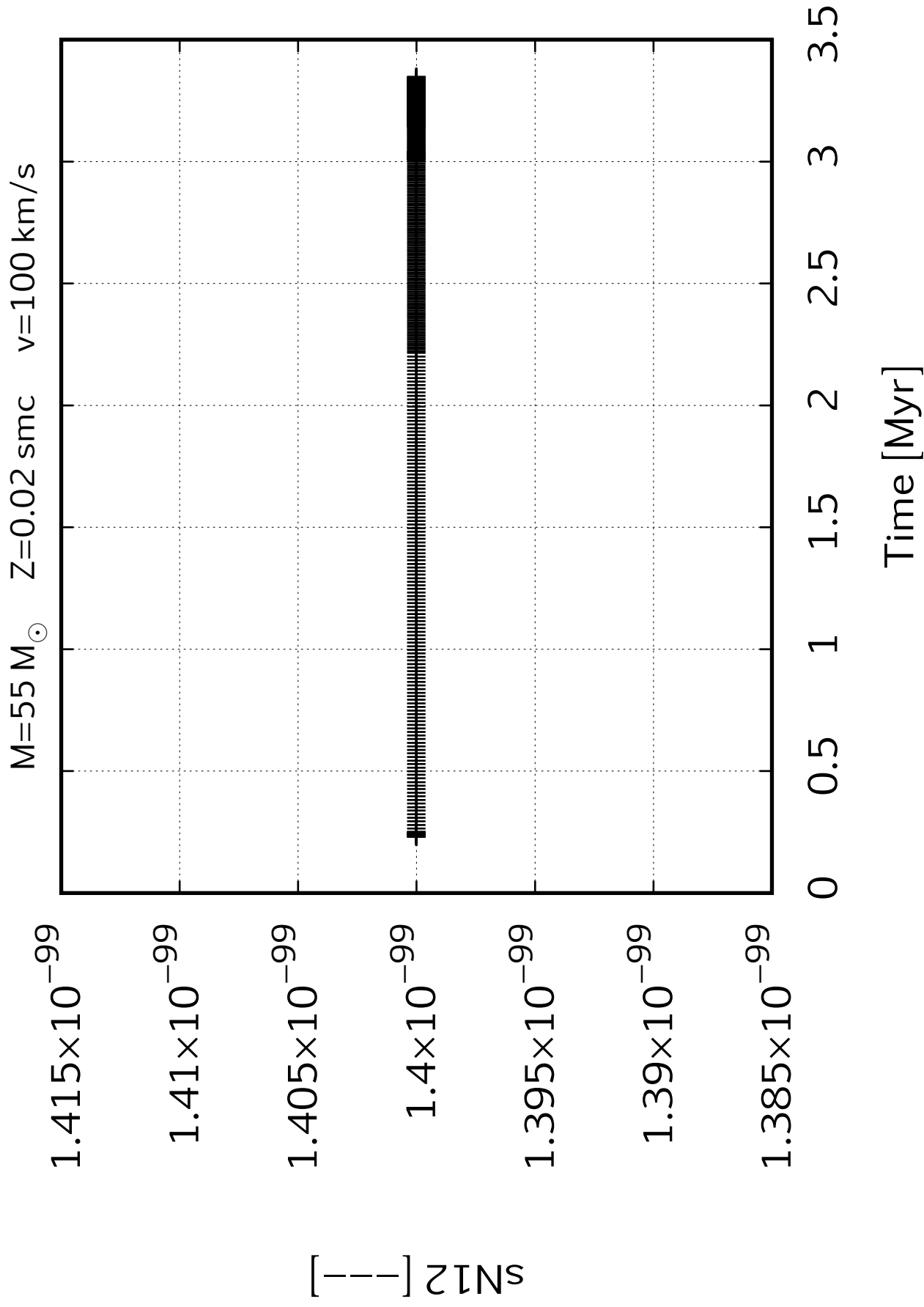
$^{12}\text{C}/^{12}\text{C}$

0 0.5 1 1.5 2 2.5 3 3.5

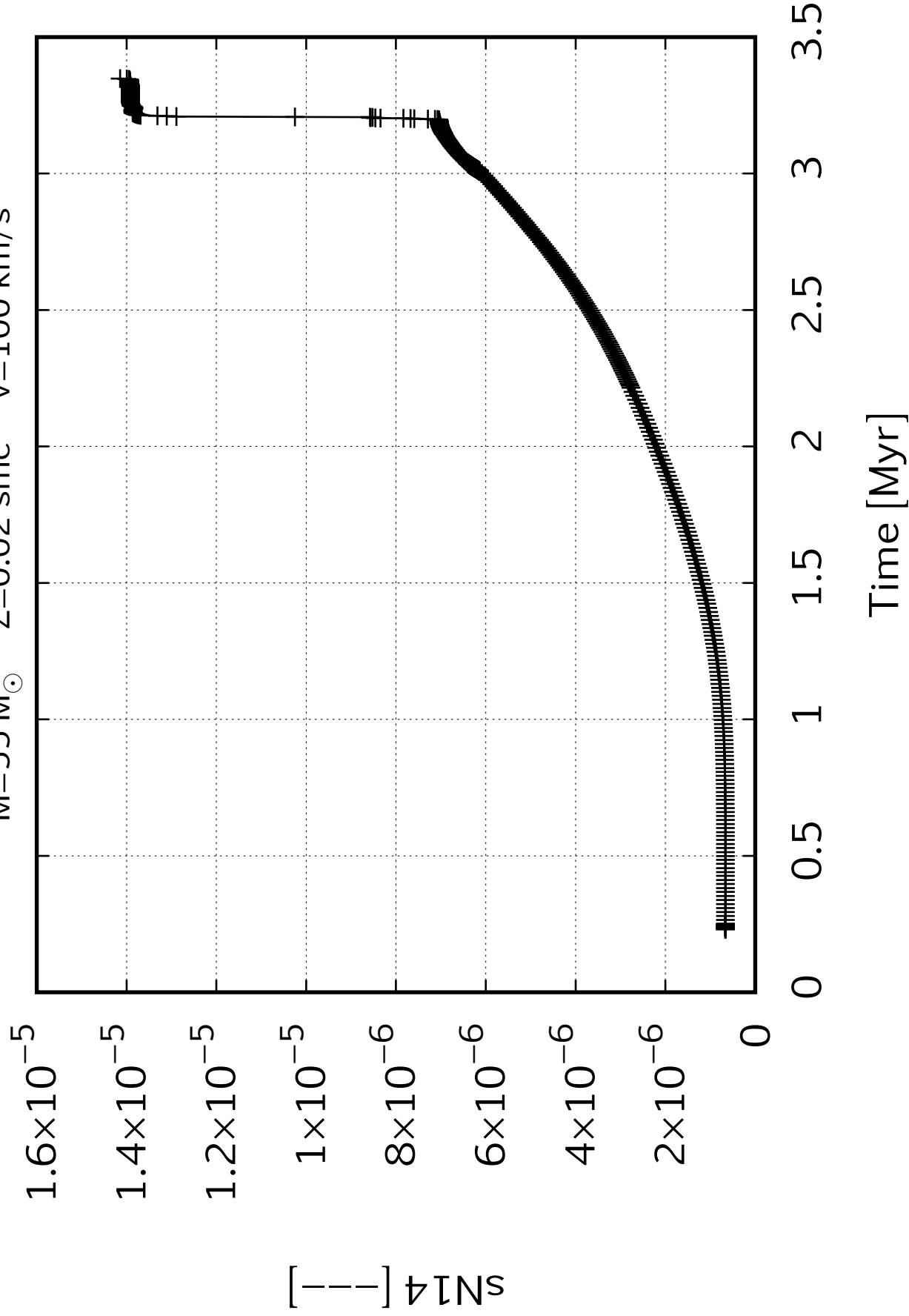
Time [Myr]







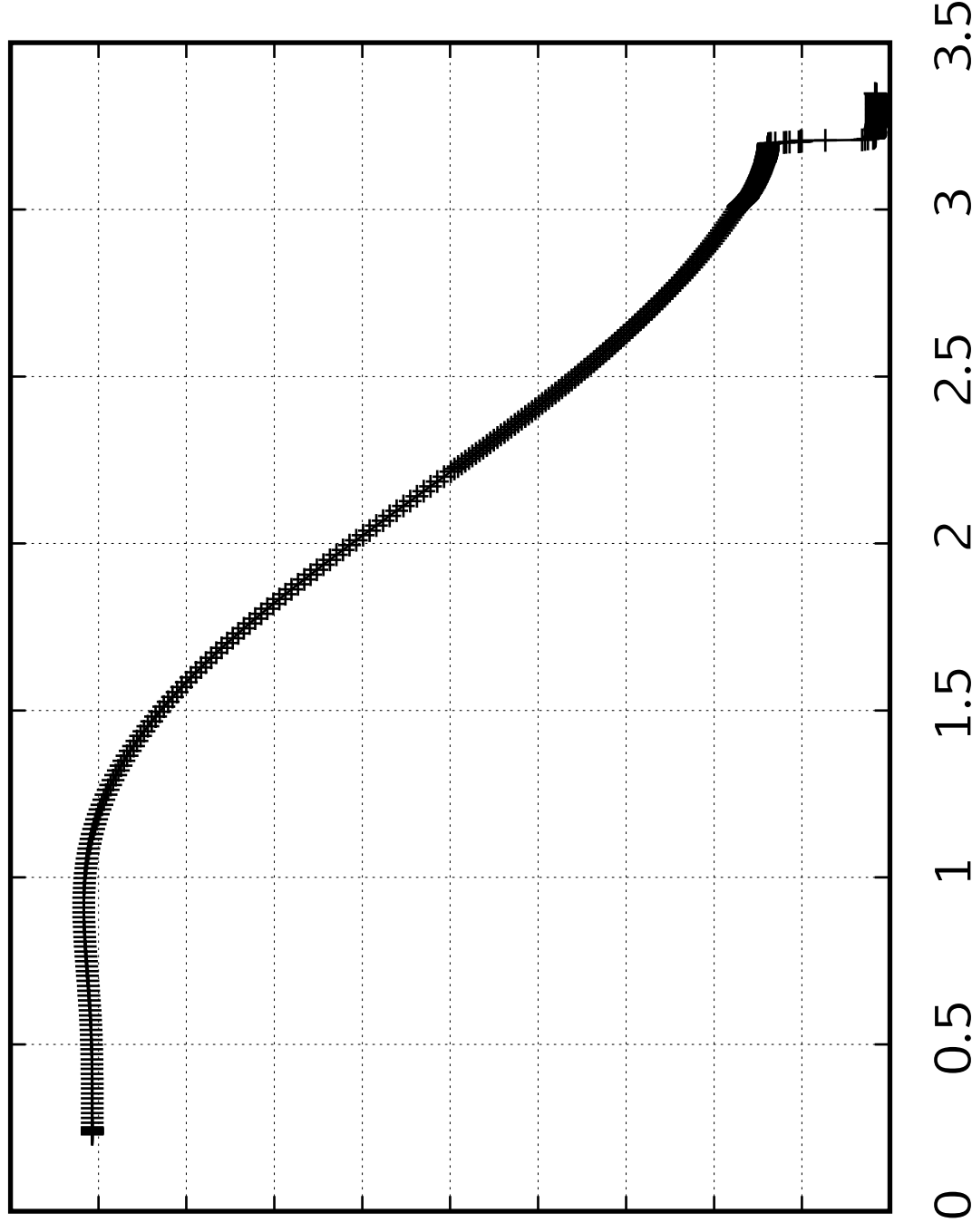
$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s



$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

$[\text{---}]_{15}^s$

2.8×10^{-9}
 2.6×10^{-9}
 2.4×10^{-9}
 2.2×10^{-9}
 2×10^{-9}
 1.8×10^{-9}
 1.6×10^{-9}
 1.4×10^{-9}
 1.2×10^{-9}
 1×10^{-9}
 8×10^{-10}

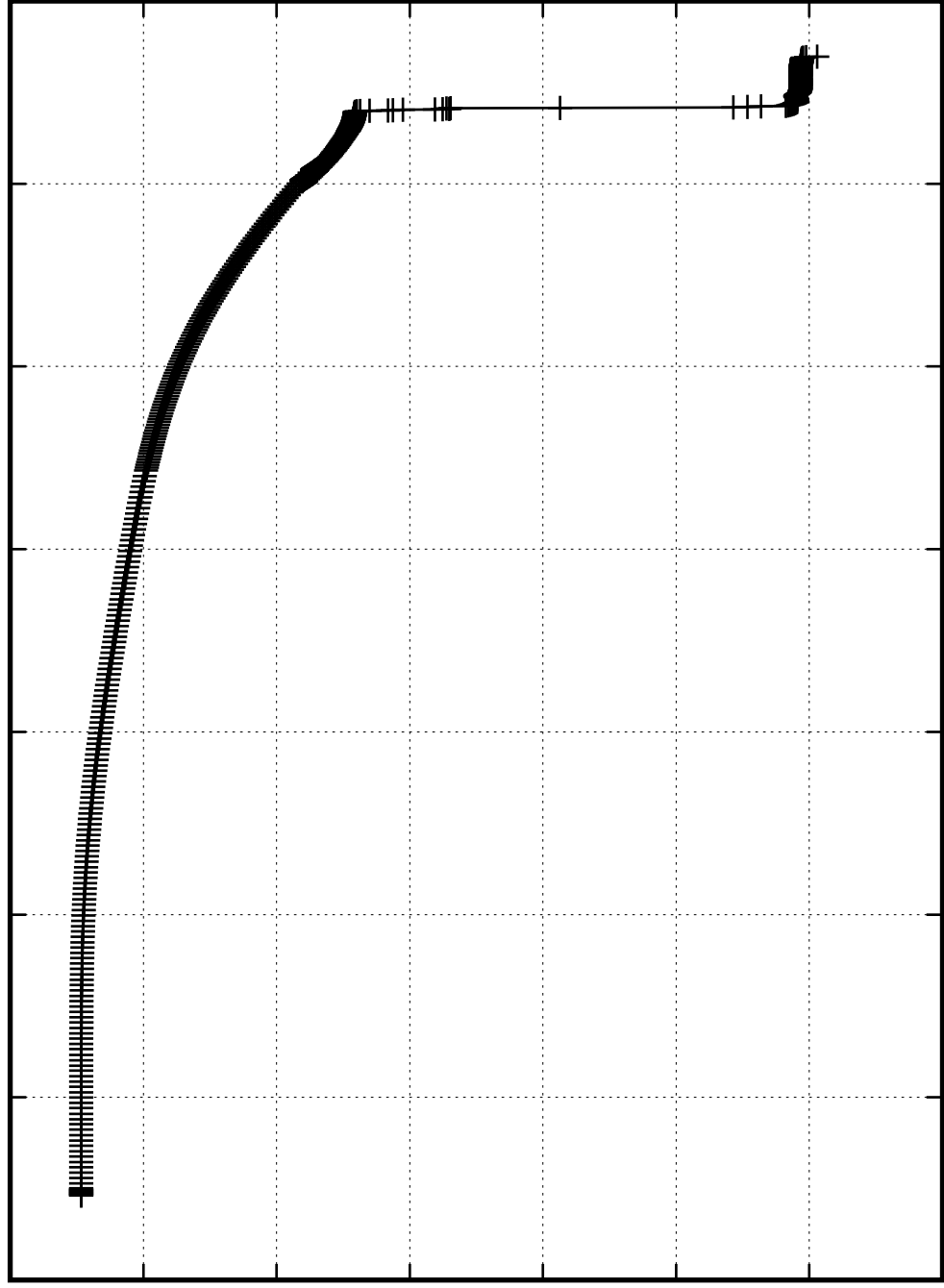


$M=55 M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

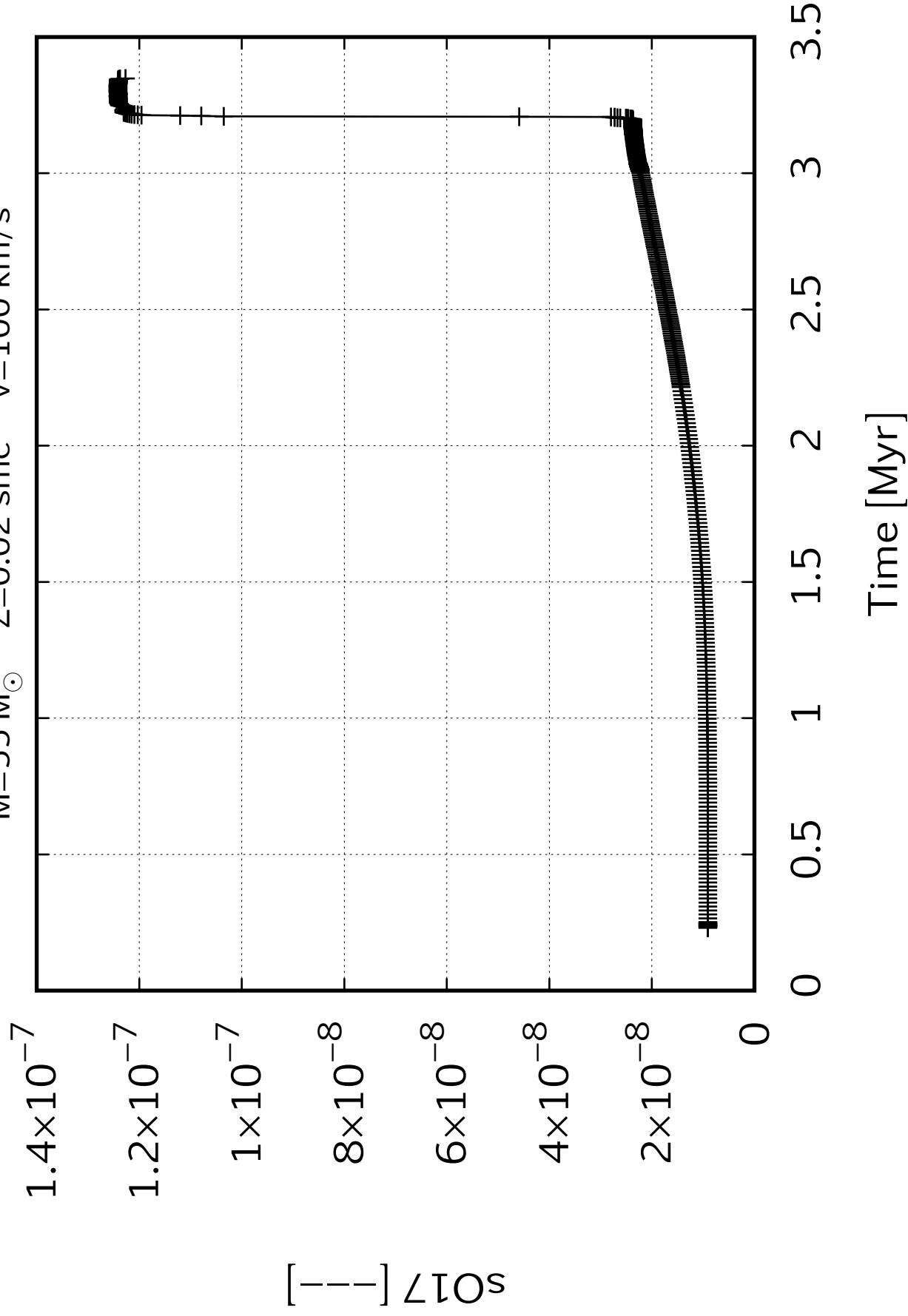
^{16}O [—] —

0 0.5 1 1.5 2 2.5 3 3.5

Time [Myr]



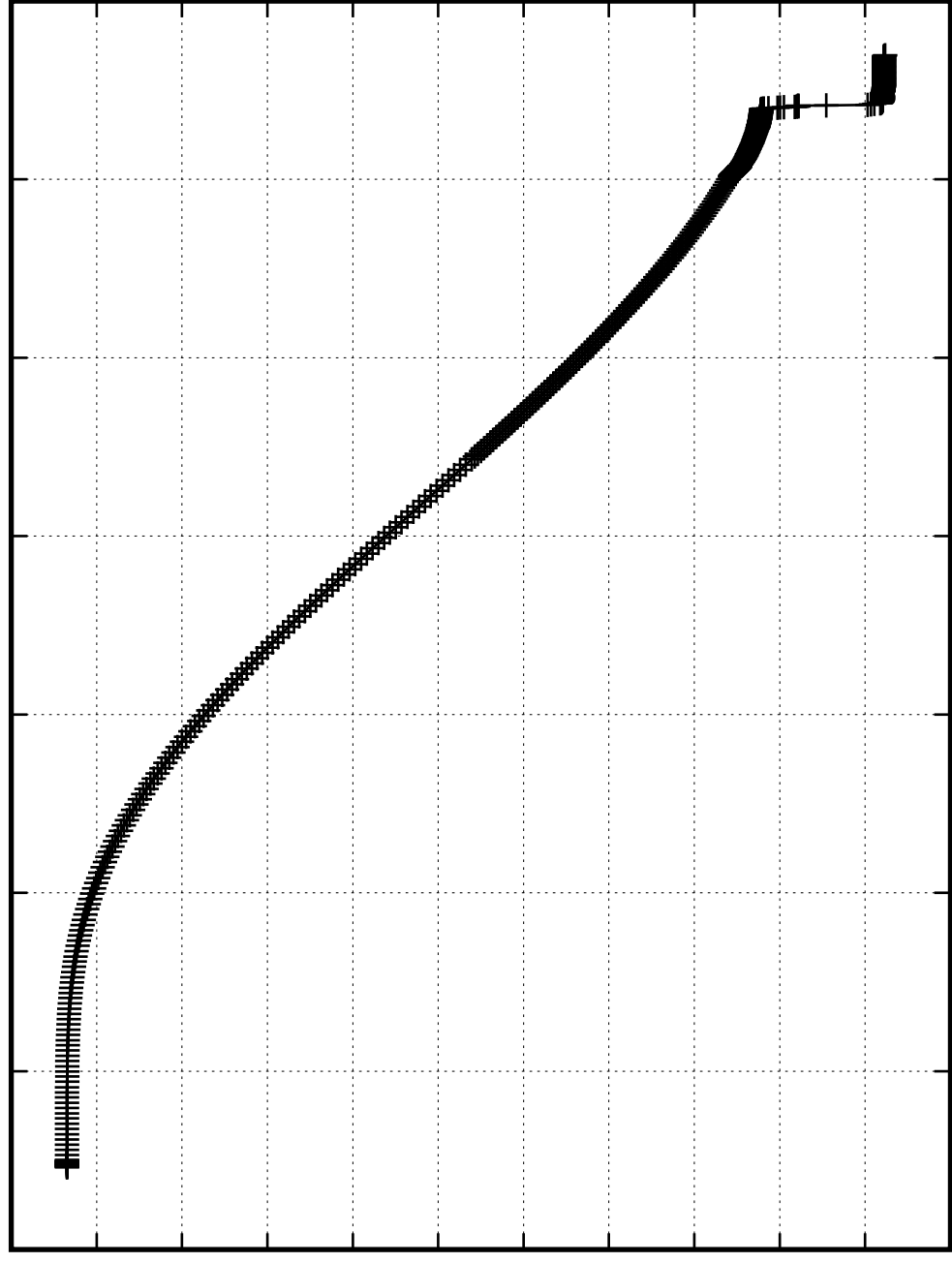
$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s



$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

$[\text{O}18]$

5.5×10^{-8}
 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

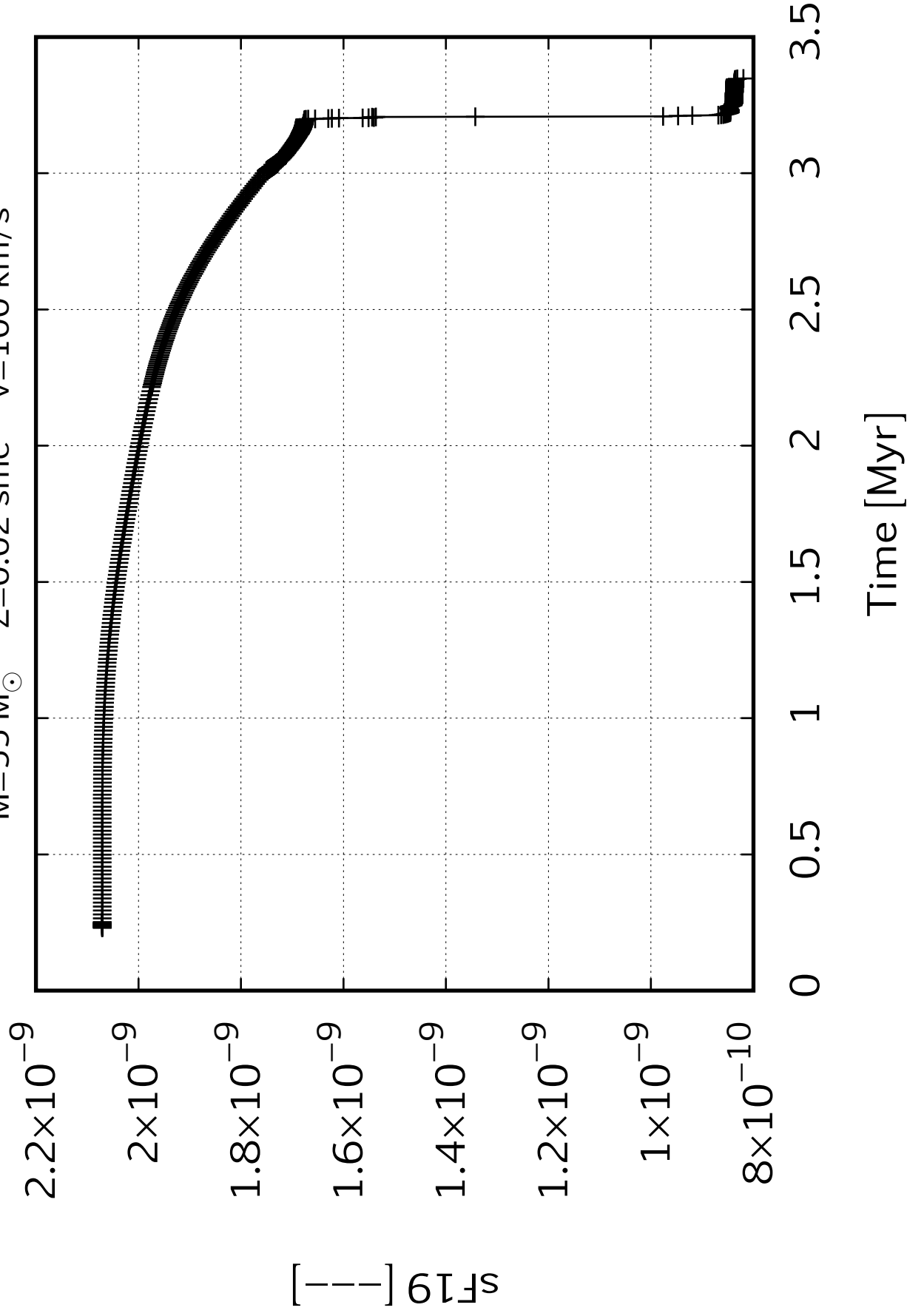


Time [Myr]

0 0.5 1 1.5 2 2.5 3 3.5

Time [Myr]

$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100\text{ km/s}$



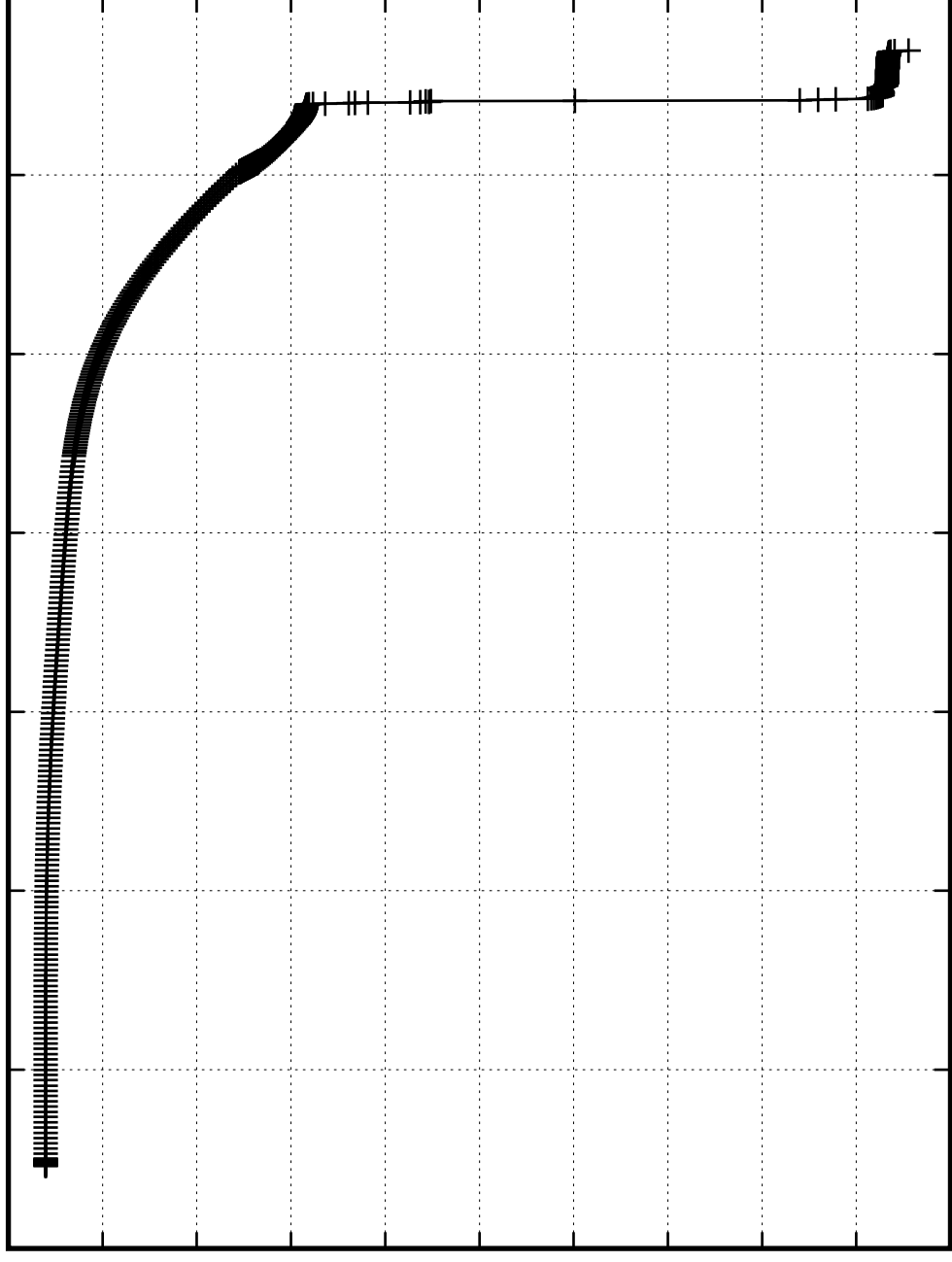
$M=55\ M_{\odot}$ $Z=0.02\ \text{smc}$ $v=100\ \text{km/s}$

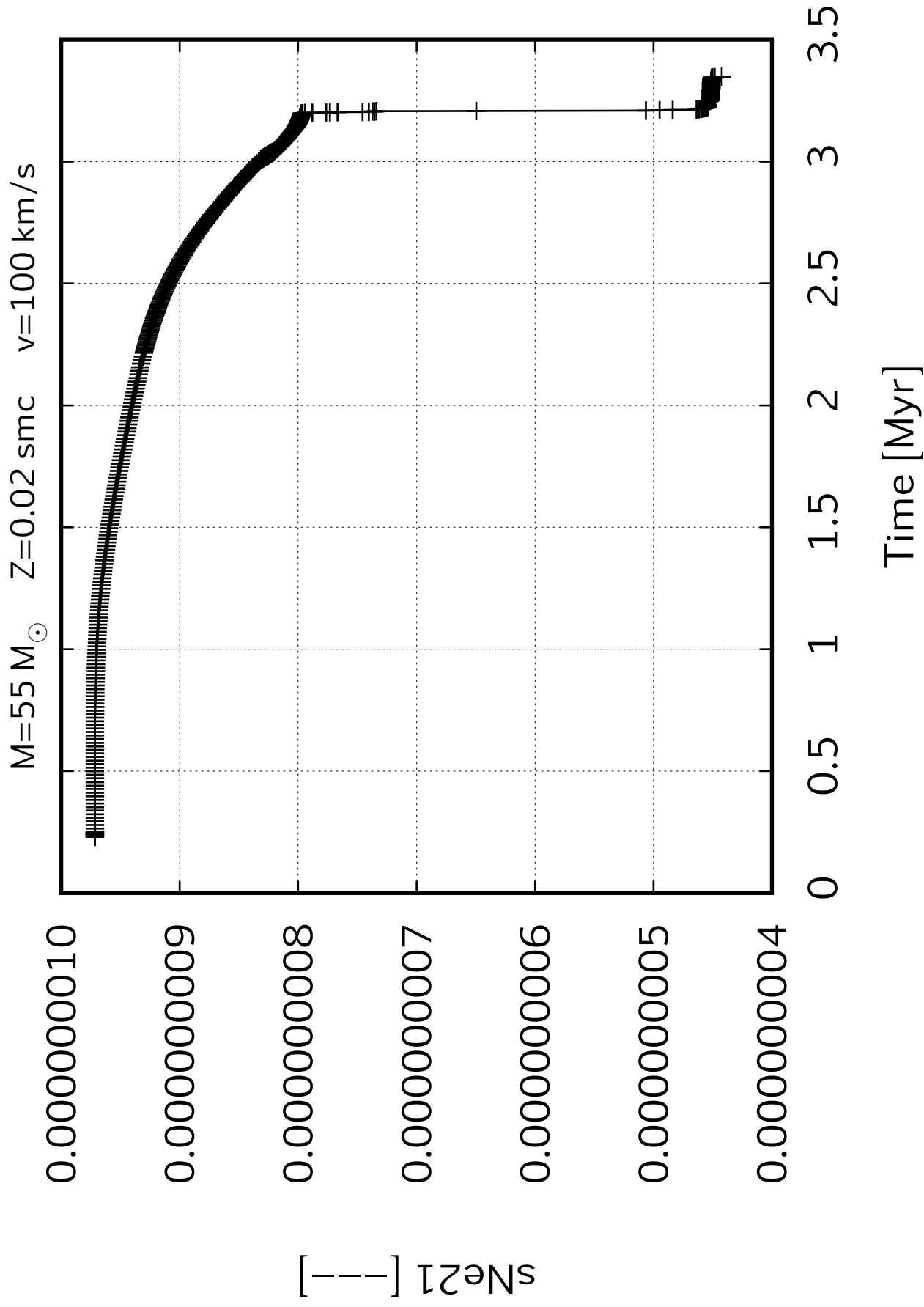
0.000004
0.000004
0.000004
0.000004
0.000003
0.000003
0.000003
0.000003
0.000003
0.000003
0.000003

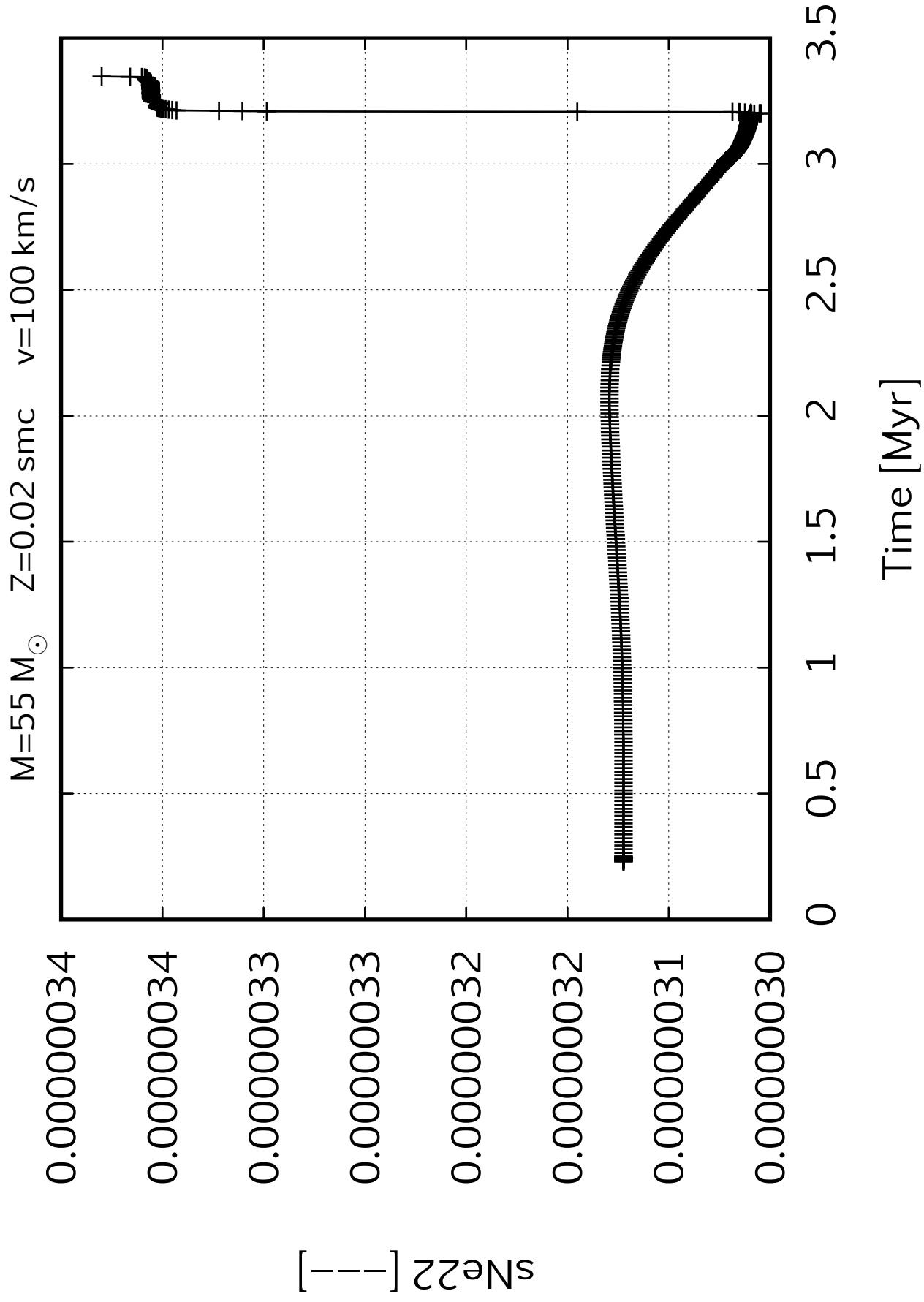
$s_{\text{Ne20}}[-]$

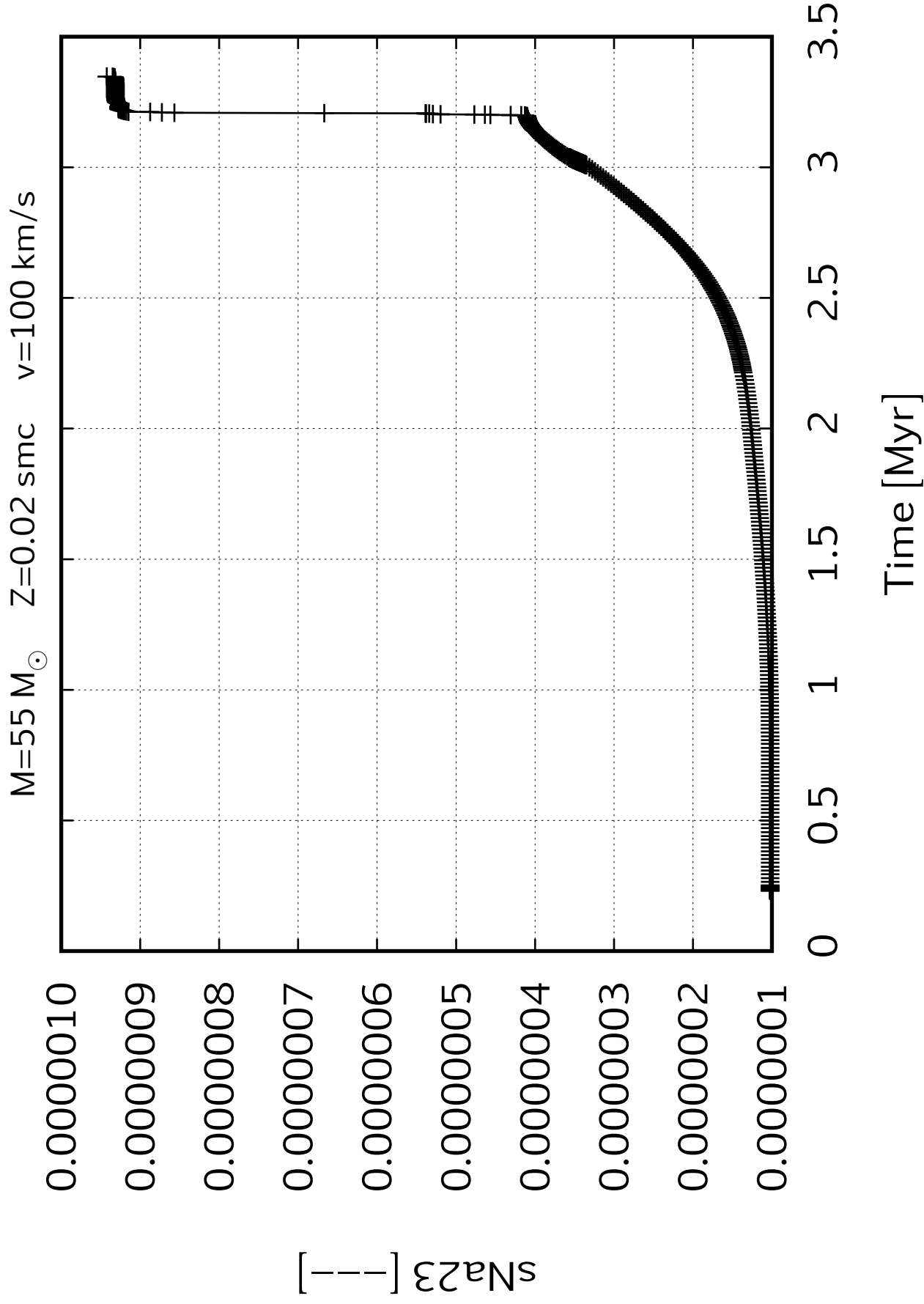
0 0.5 1 1.5 2 2.5 3 3.5

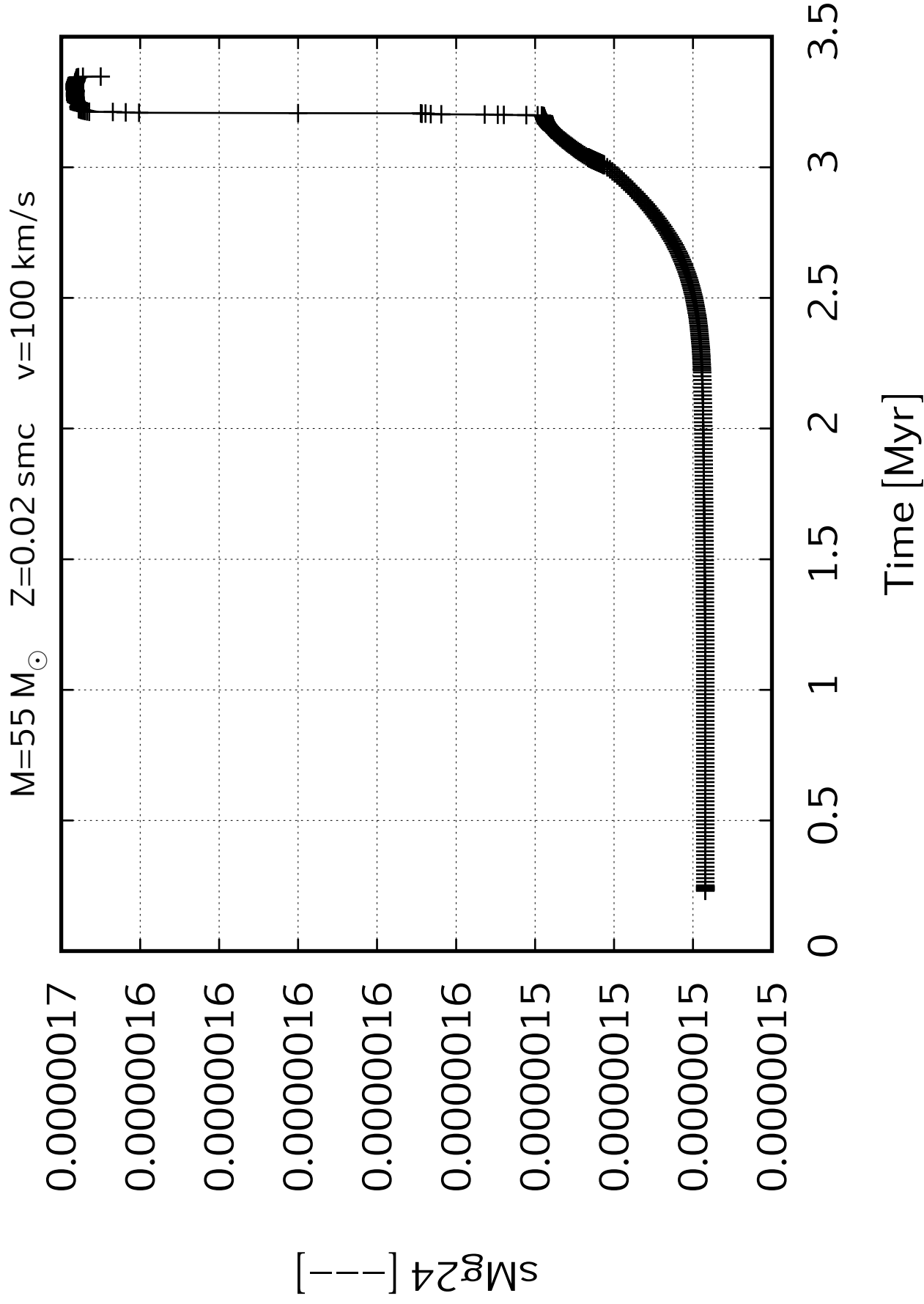
Time [Myr]

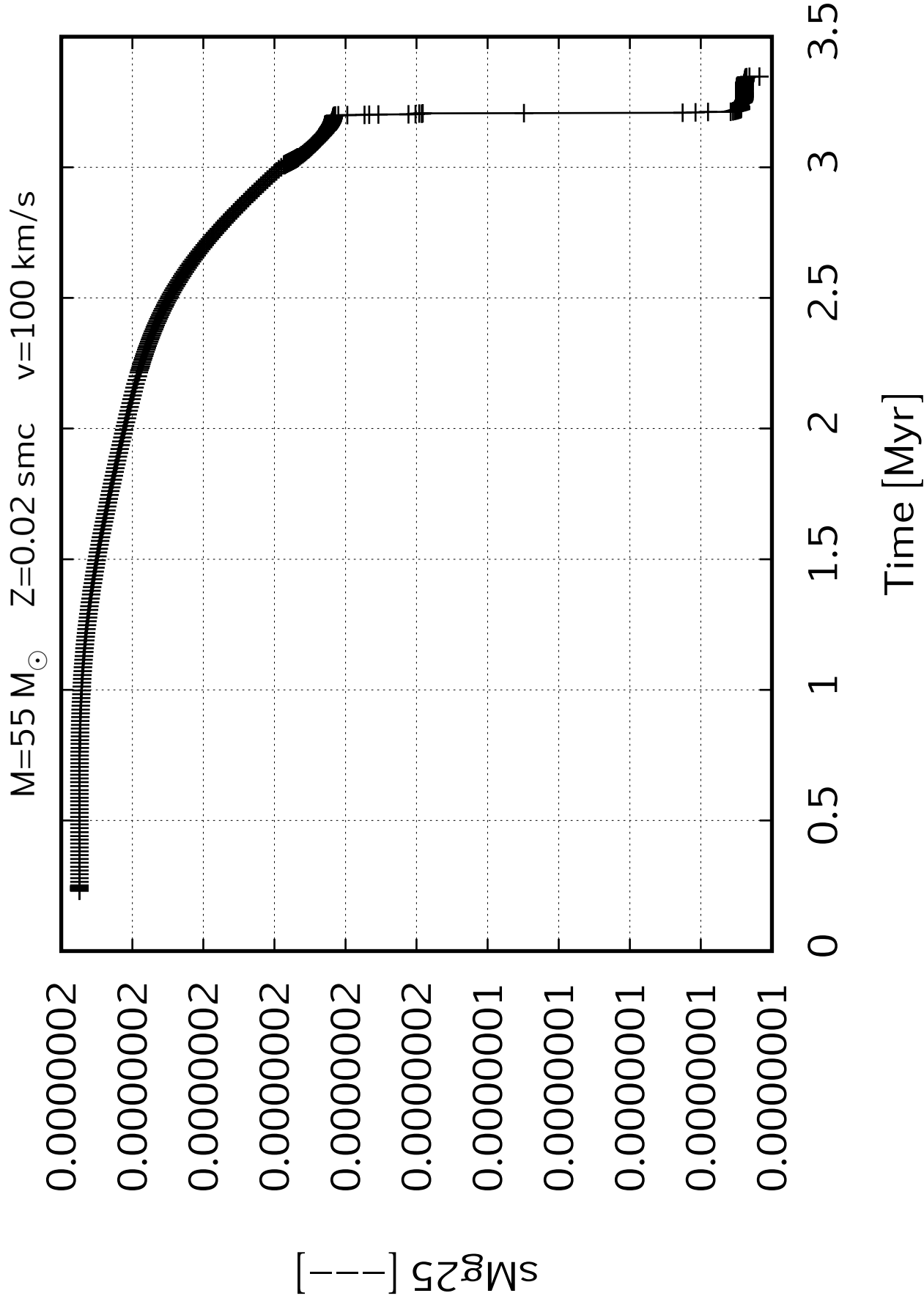


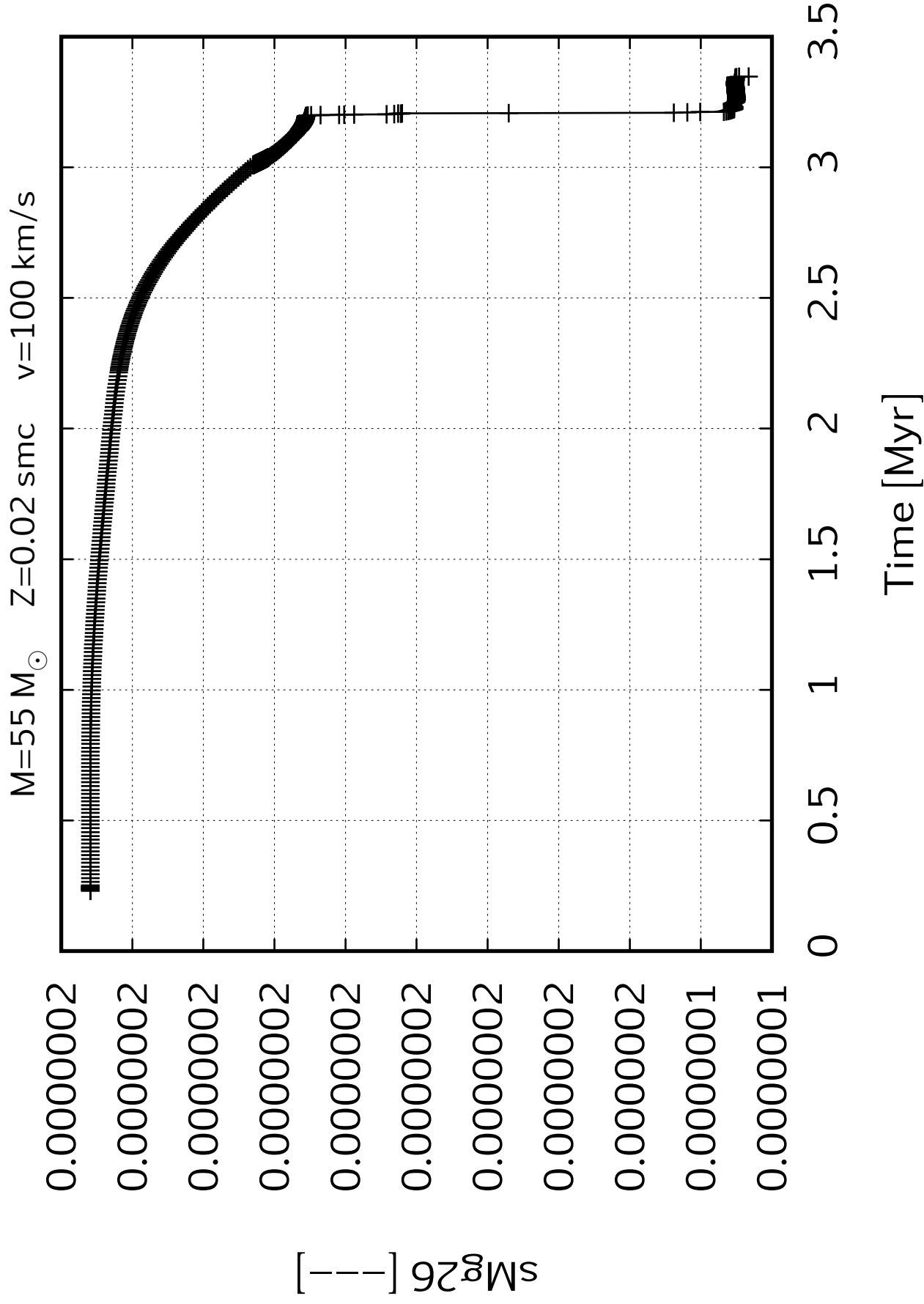




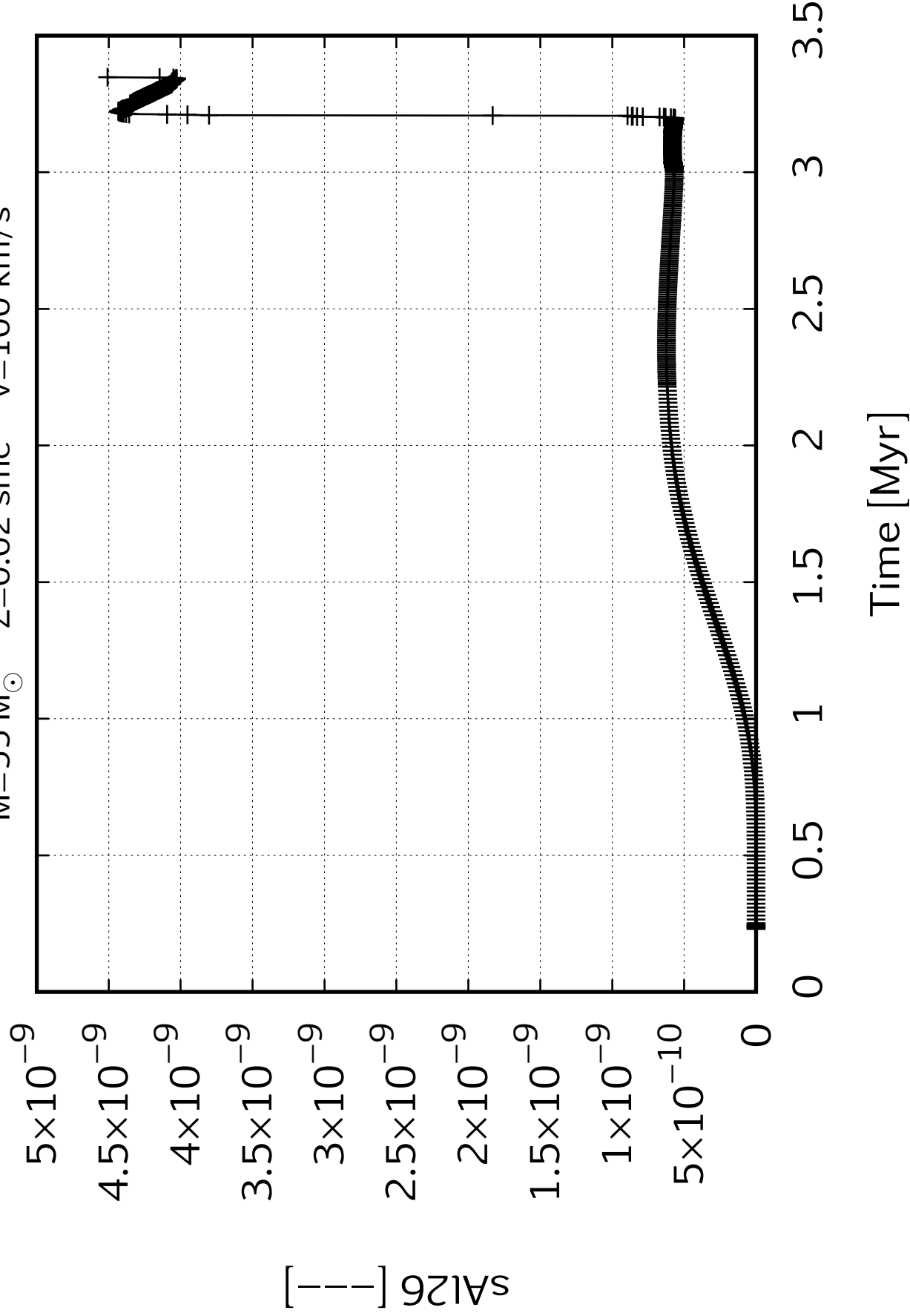


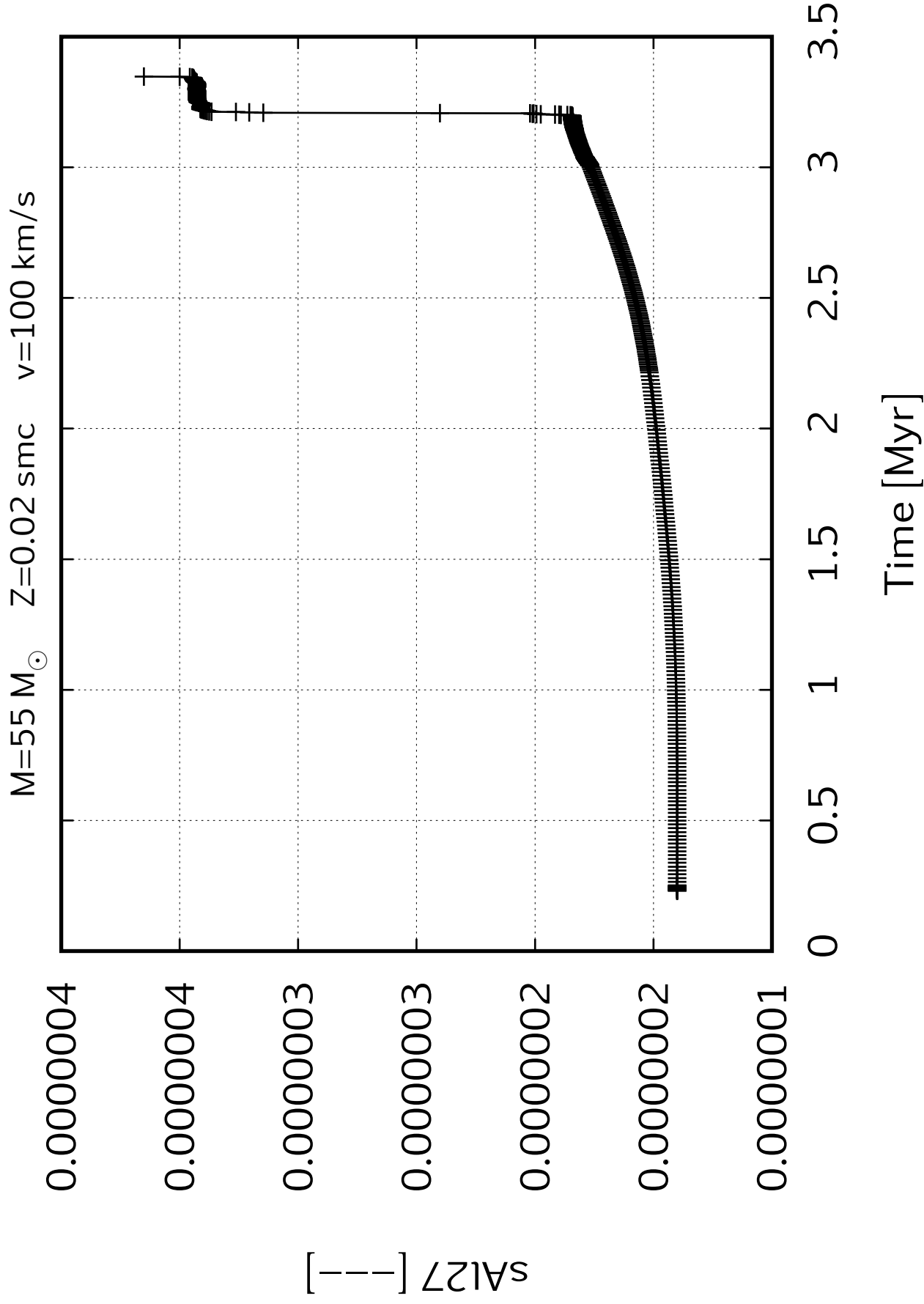


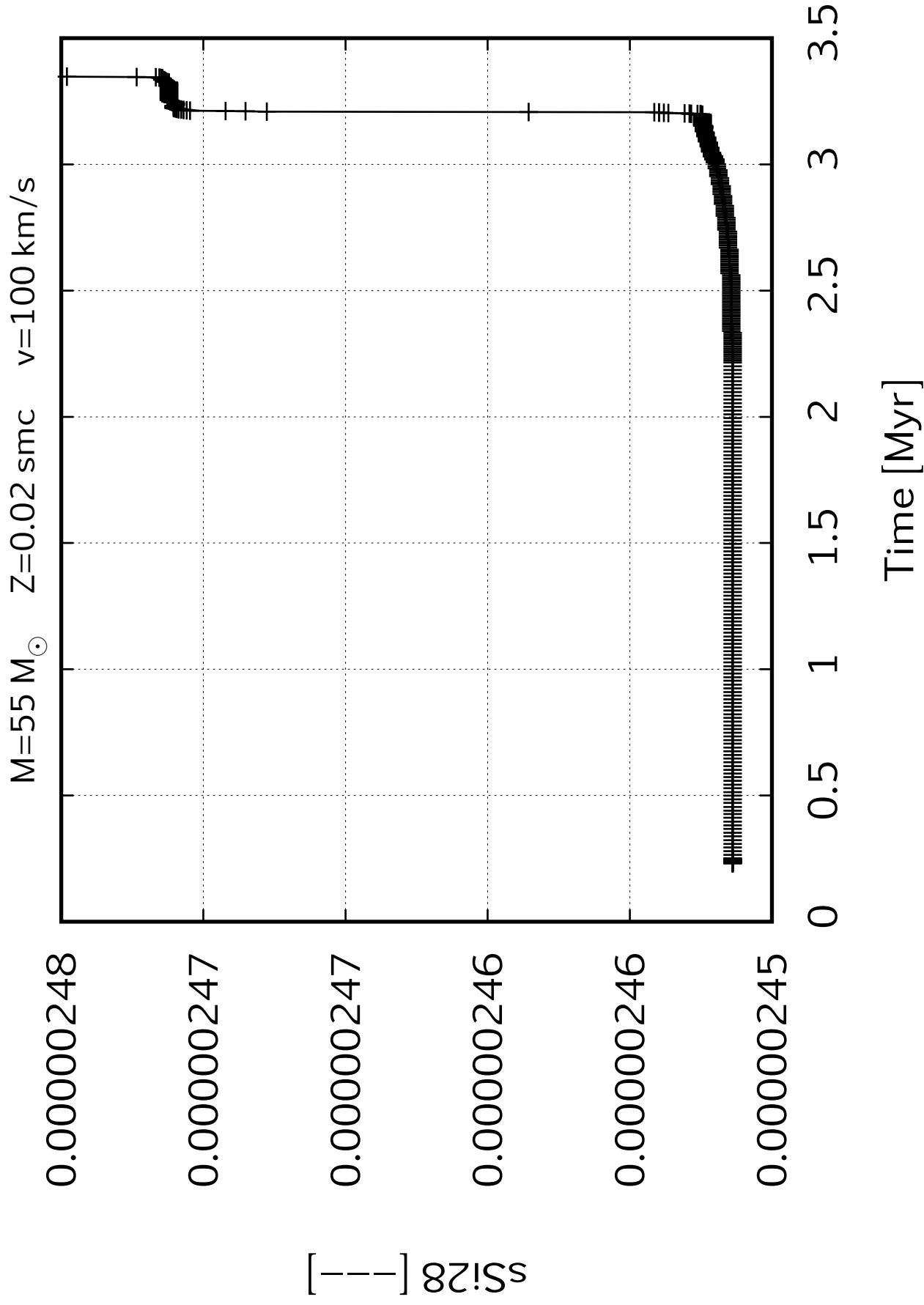


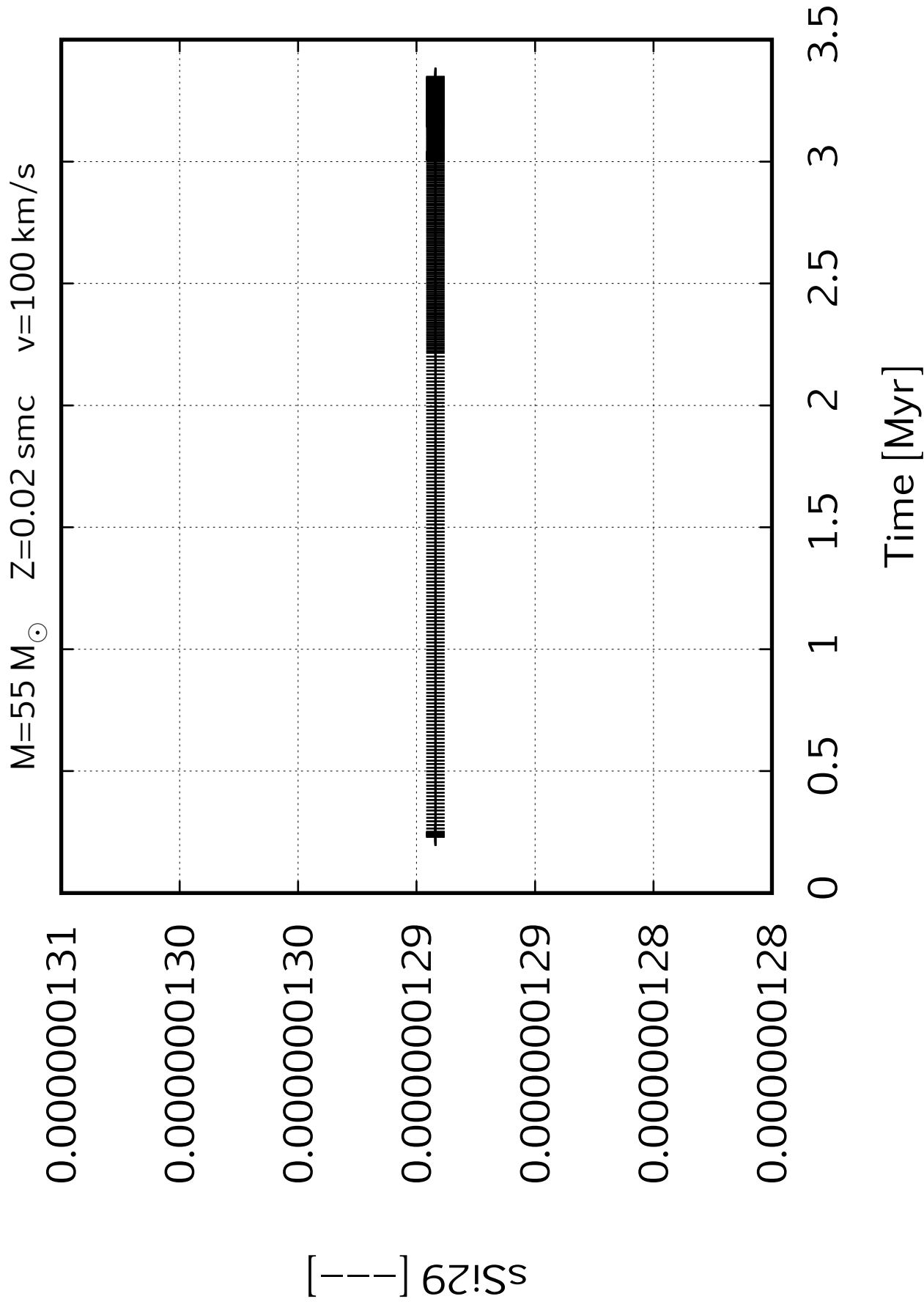


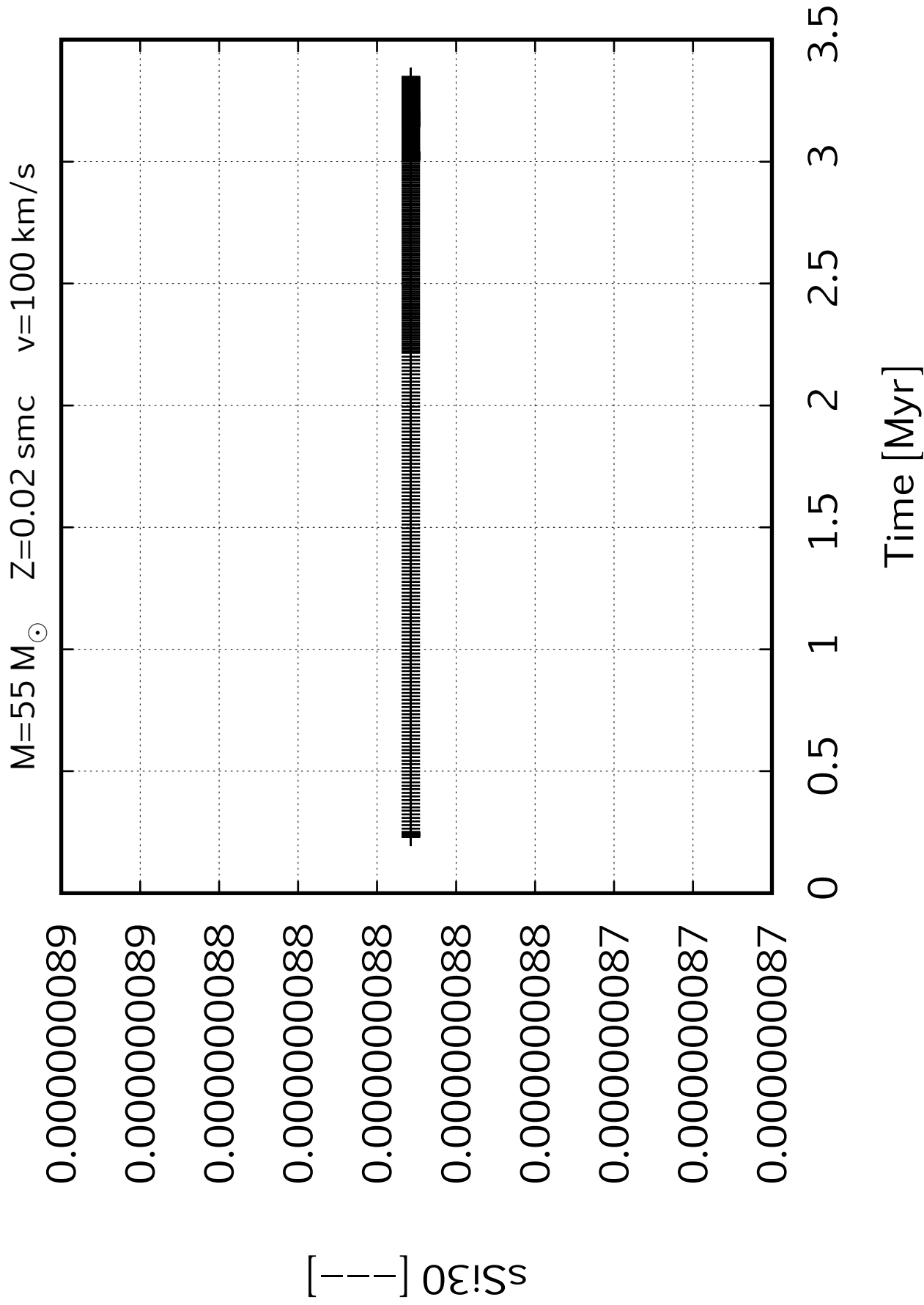
$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

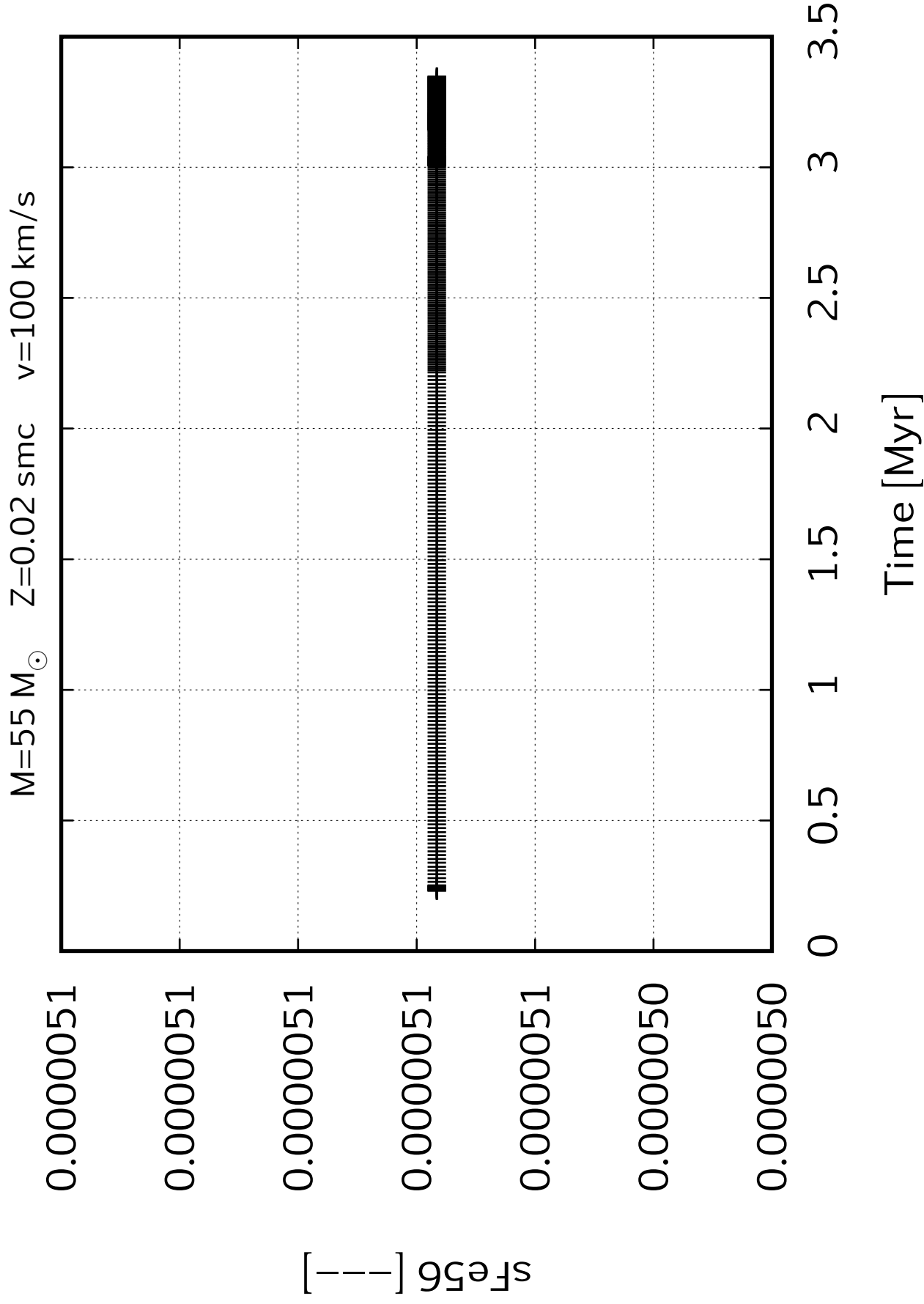




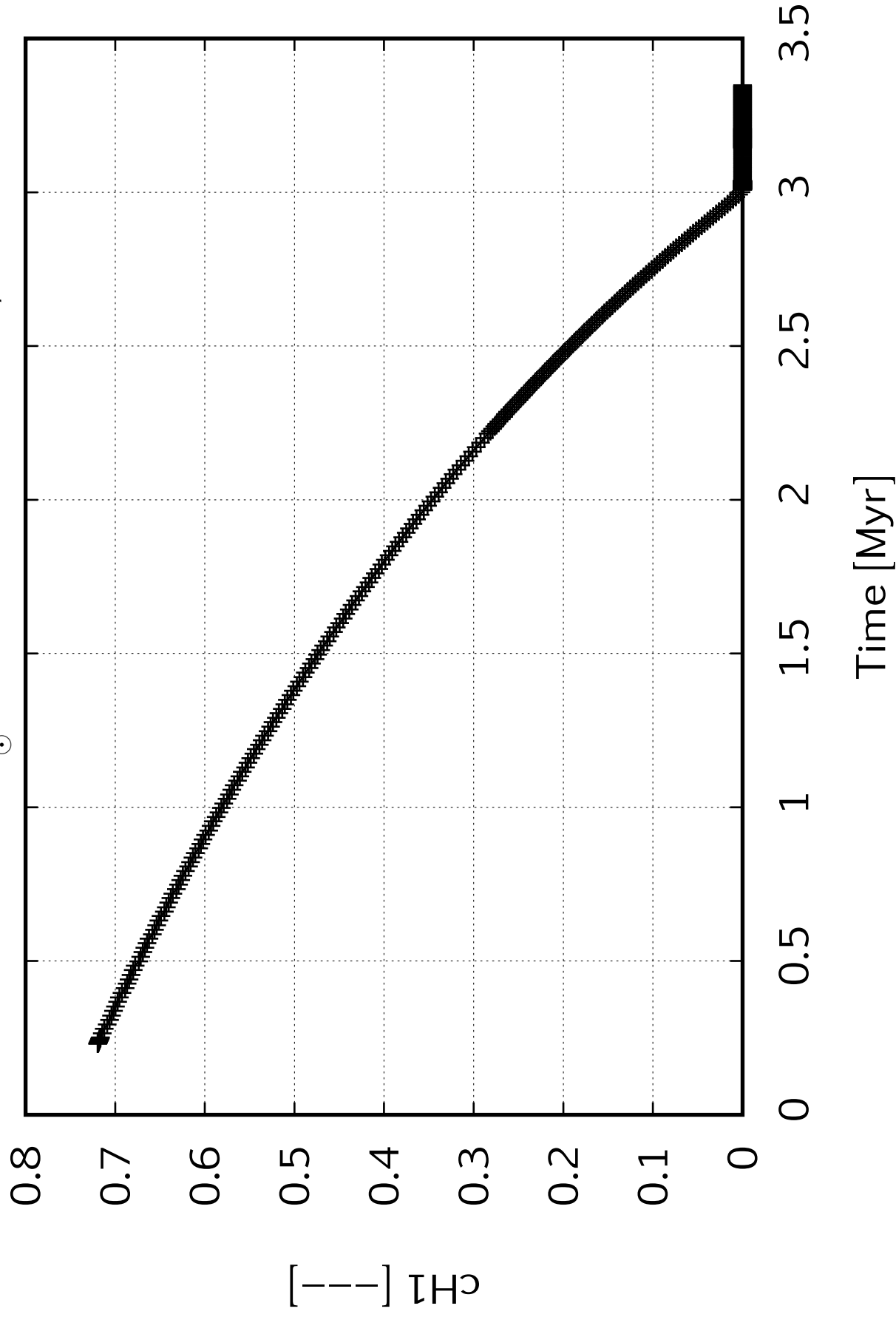


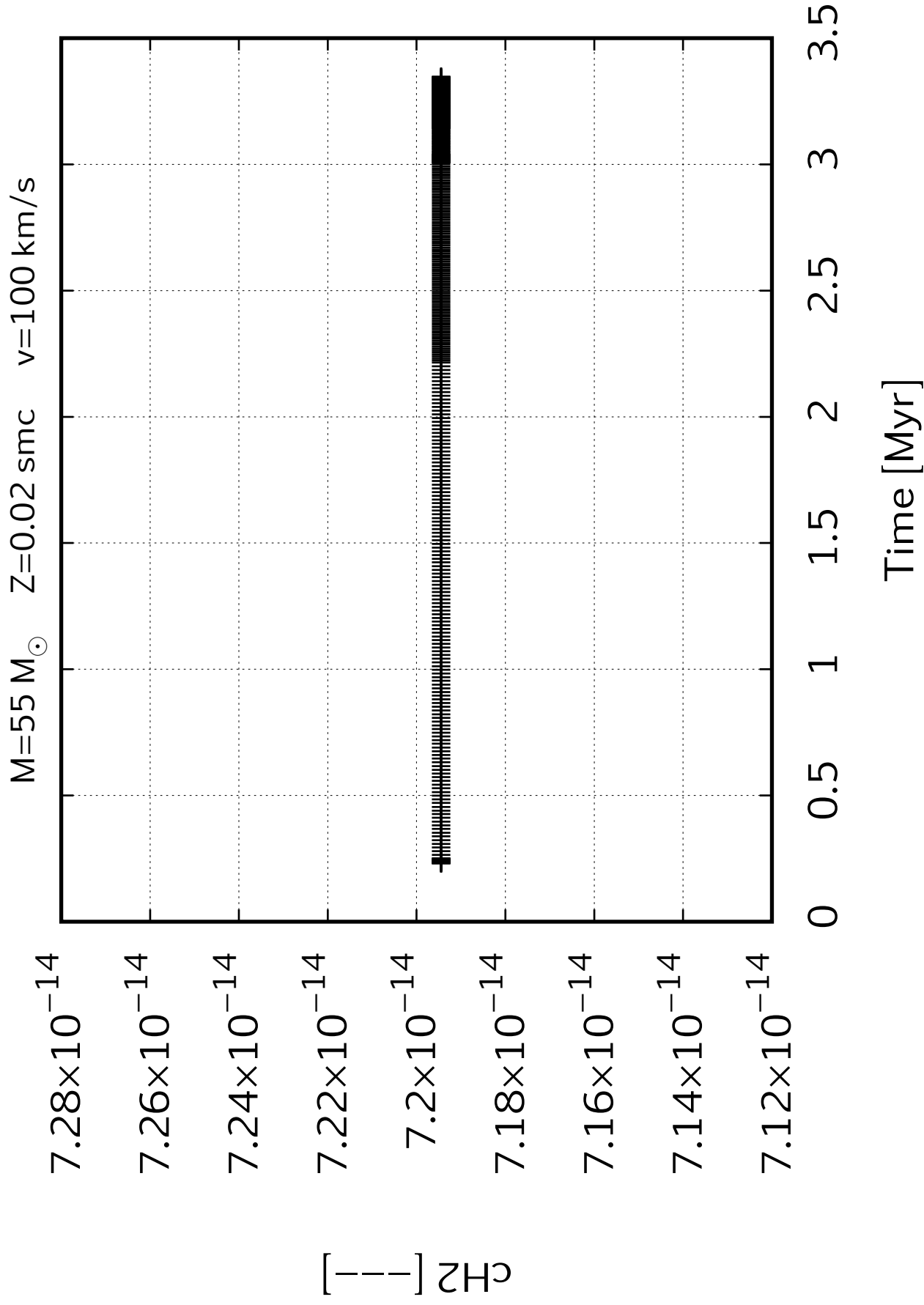




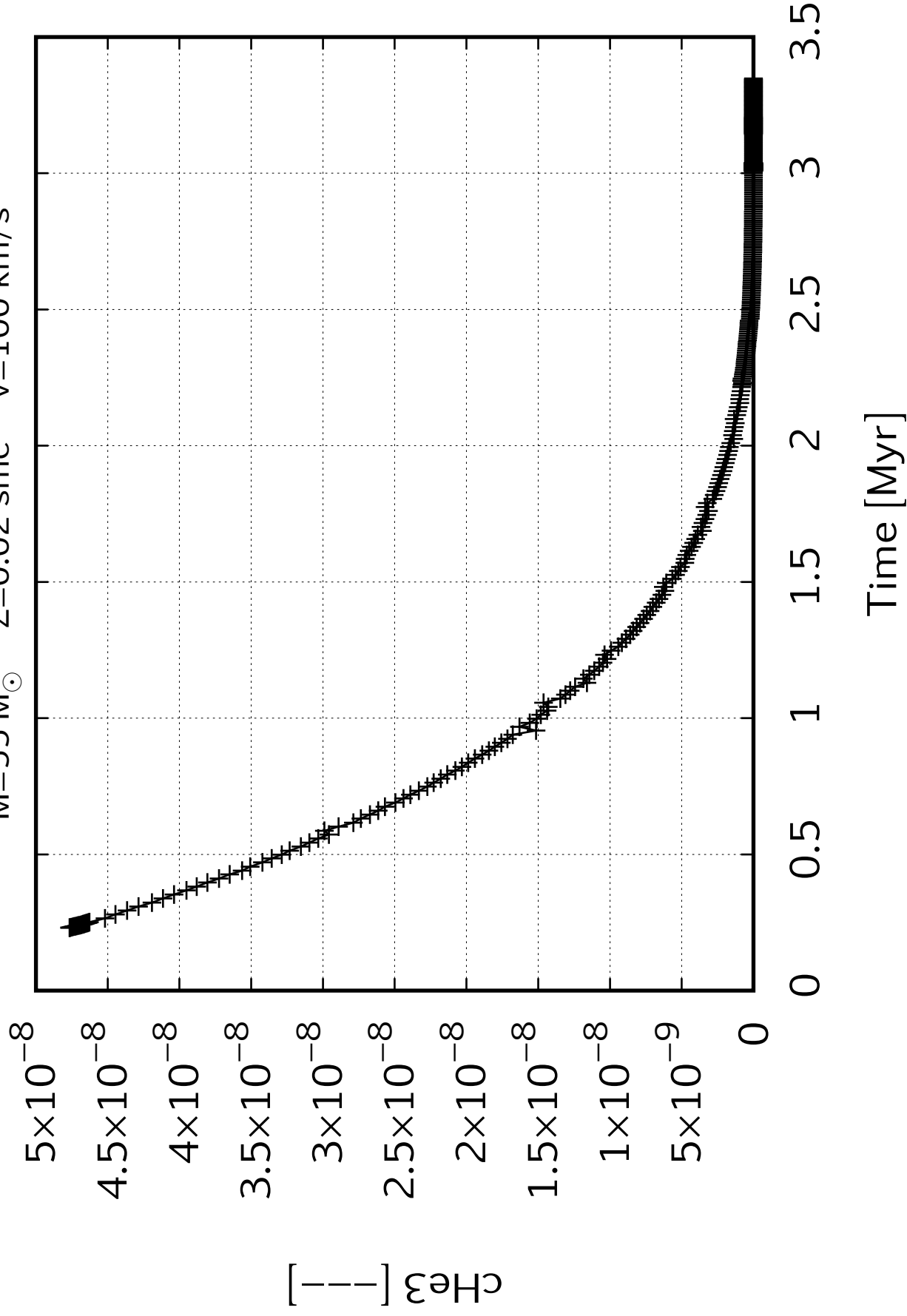


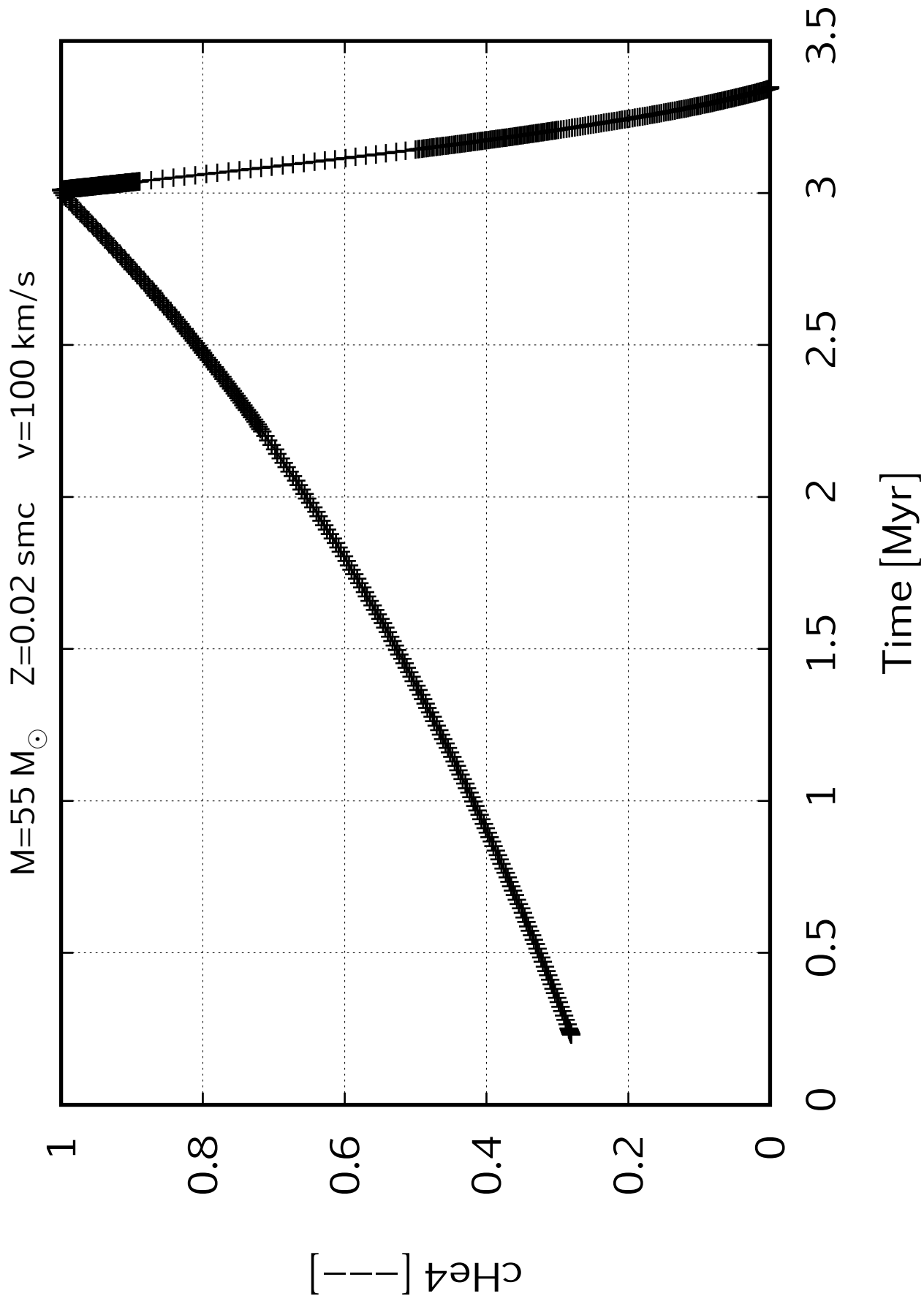
$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

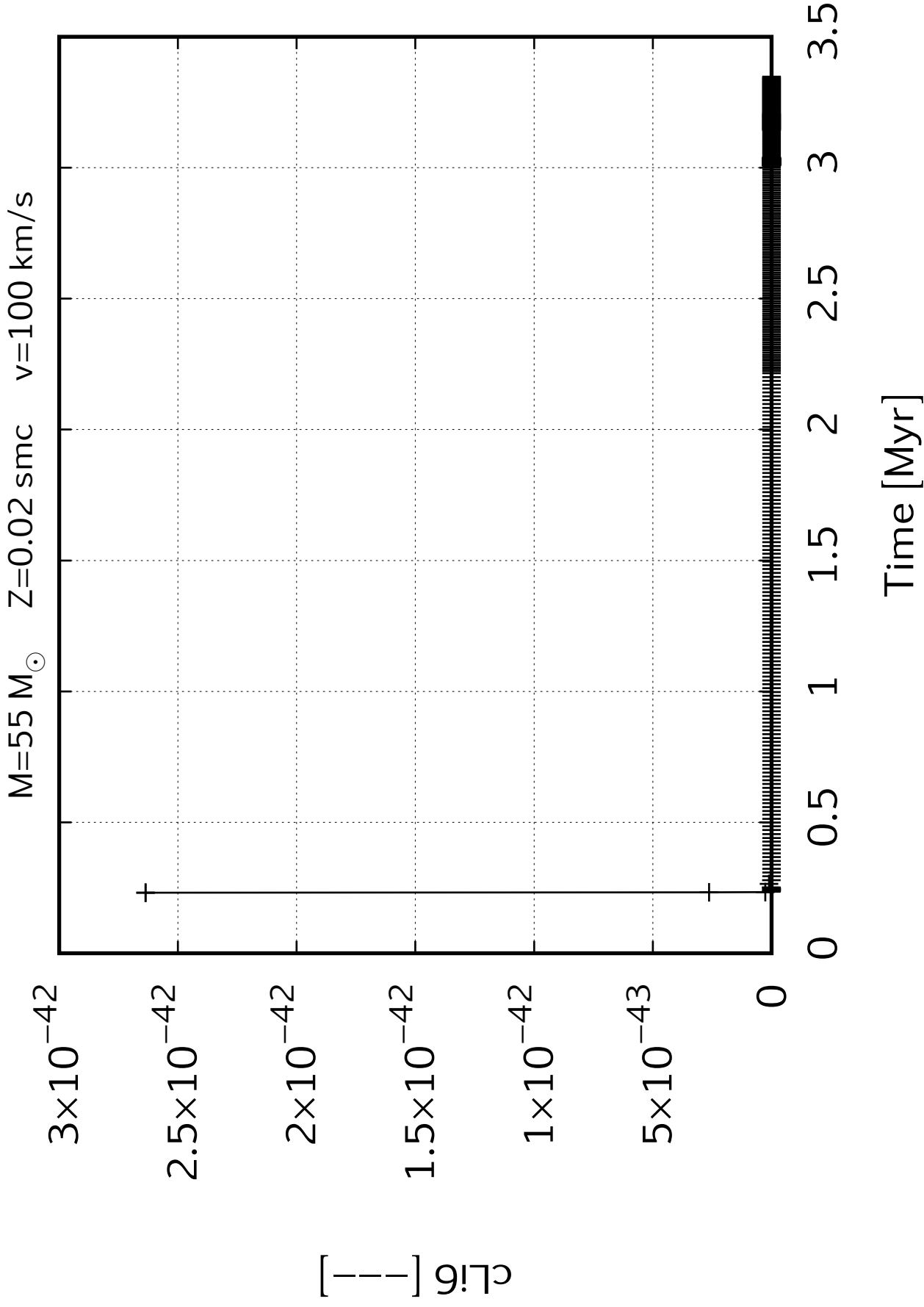




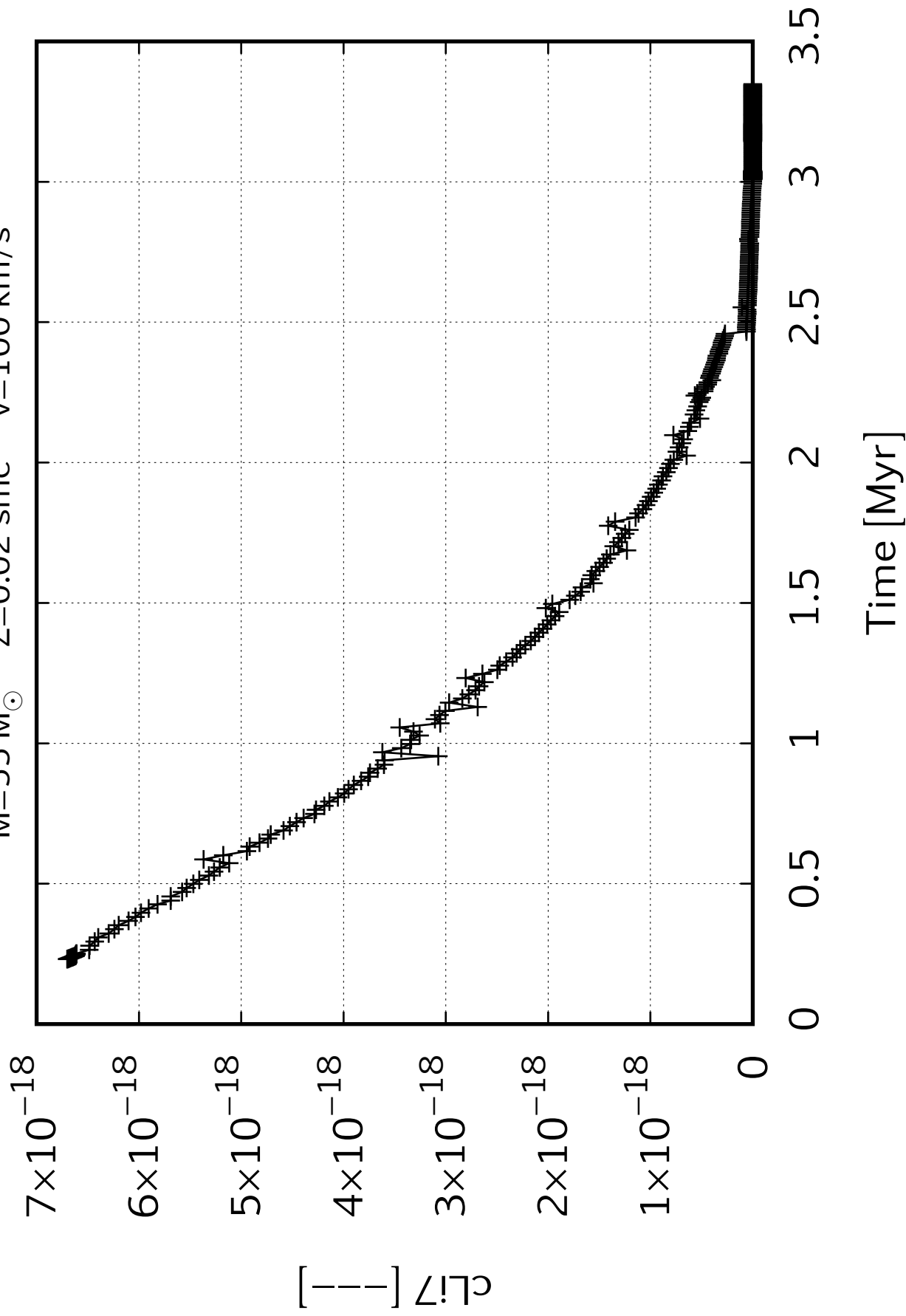
$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

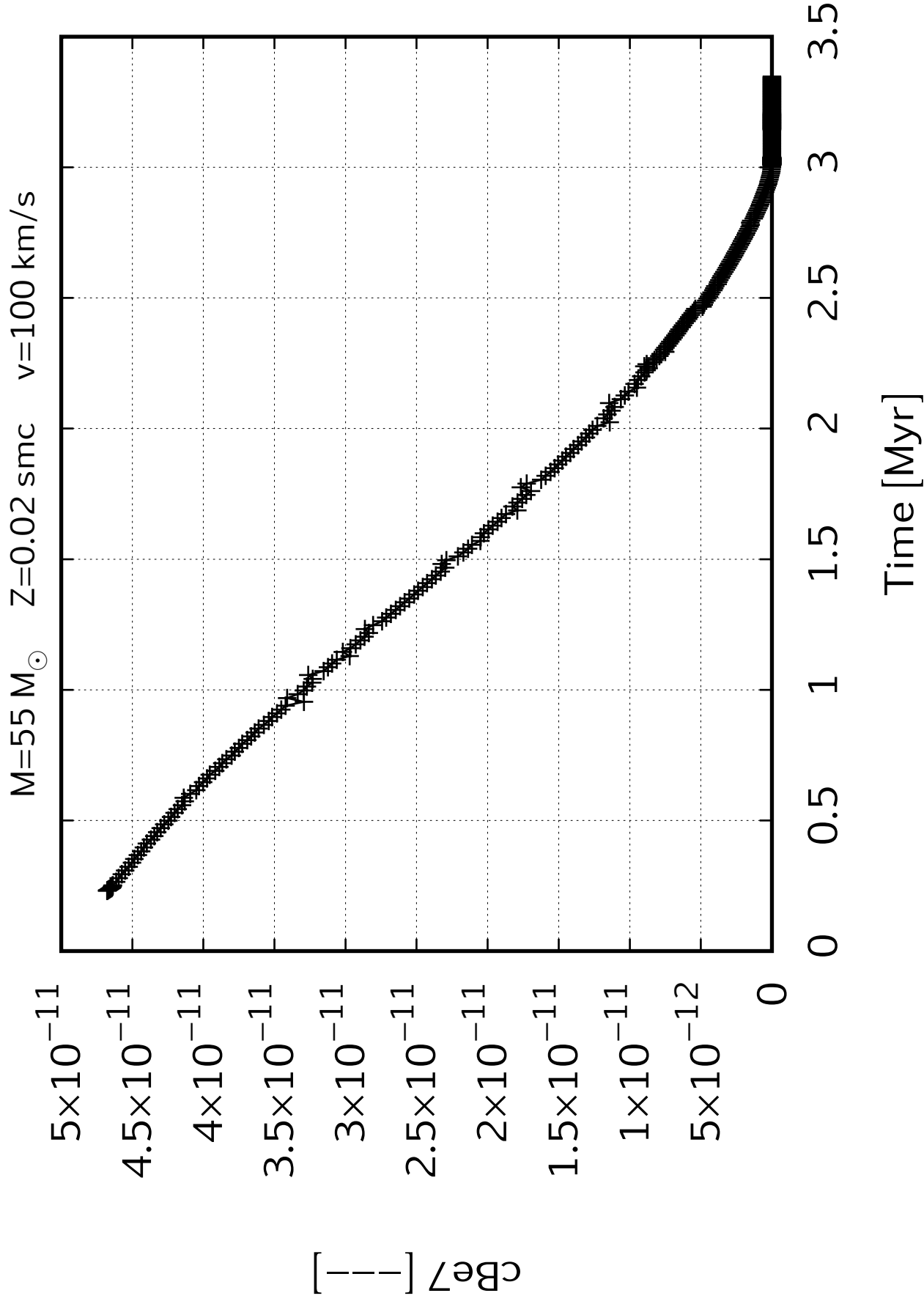


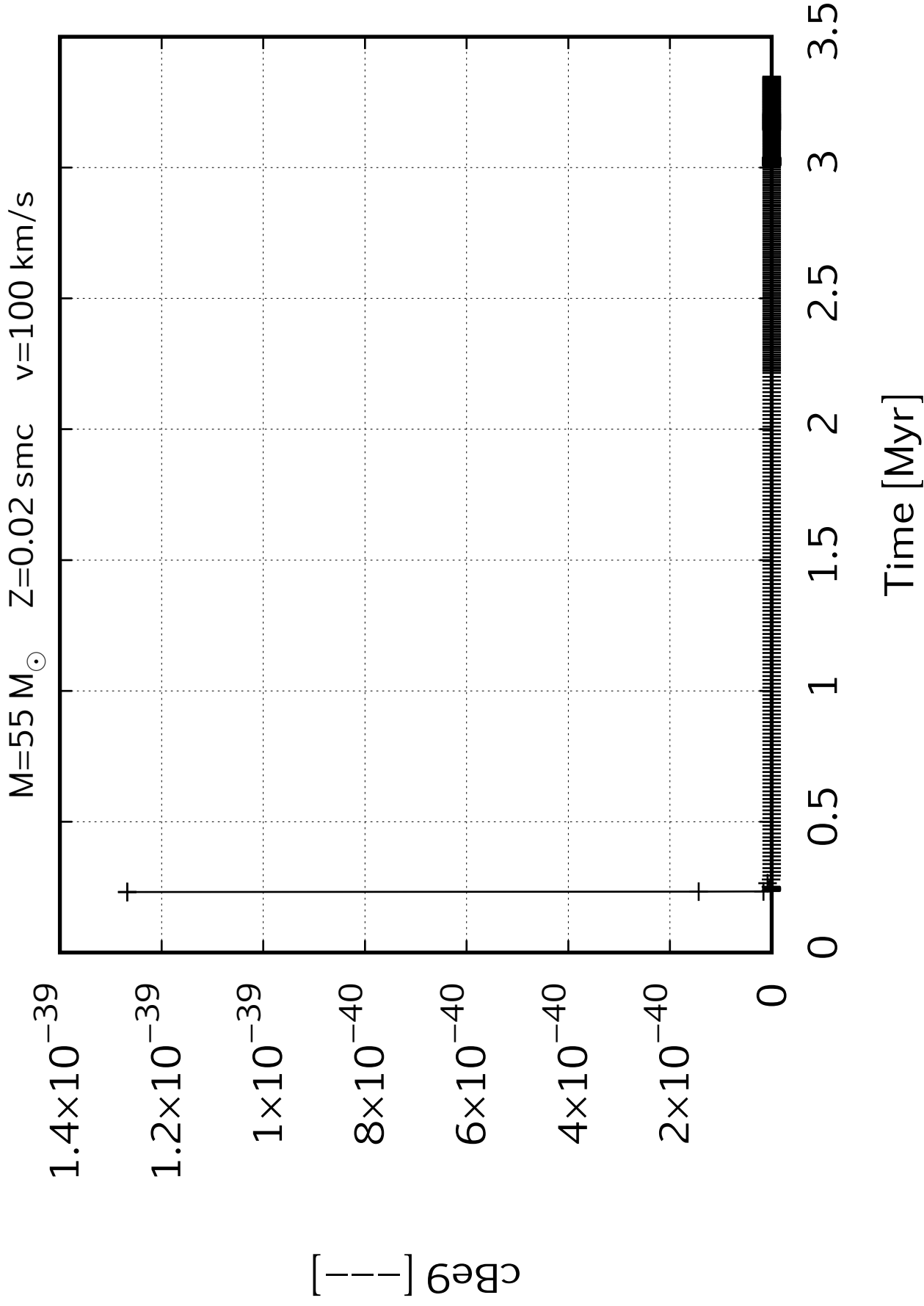


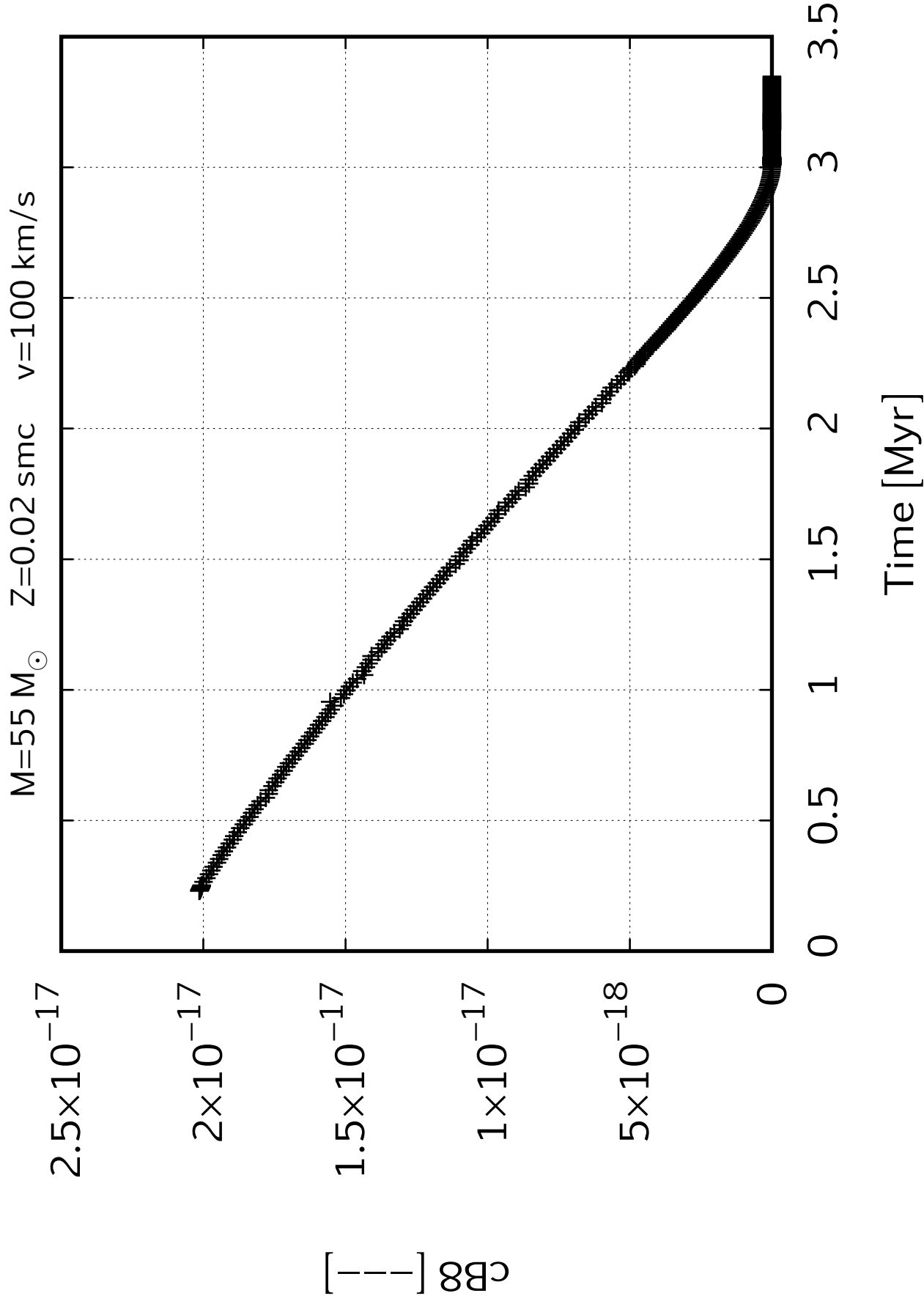


$M=55 M_{\odot}$ $Z=0.02$ smc $v=100$ km/s









$M=55 M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

9×10^{-34}

8×10^{-34}

7×10^{-34}

6×10^{-34}

5×10^{-34}

4×10^{-34}

3×10^{-34}

2×10^{-34}

1×10^{-34}

0

$[I - I]_{\text{CB10}}$

0

0.5

1

1.5

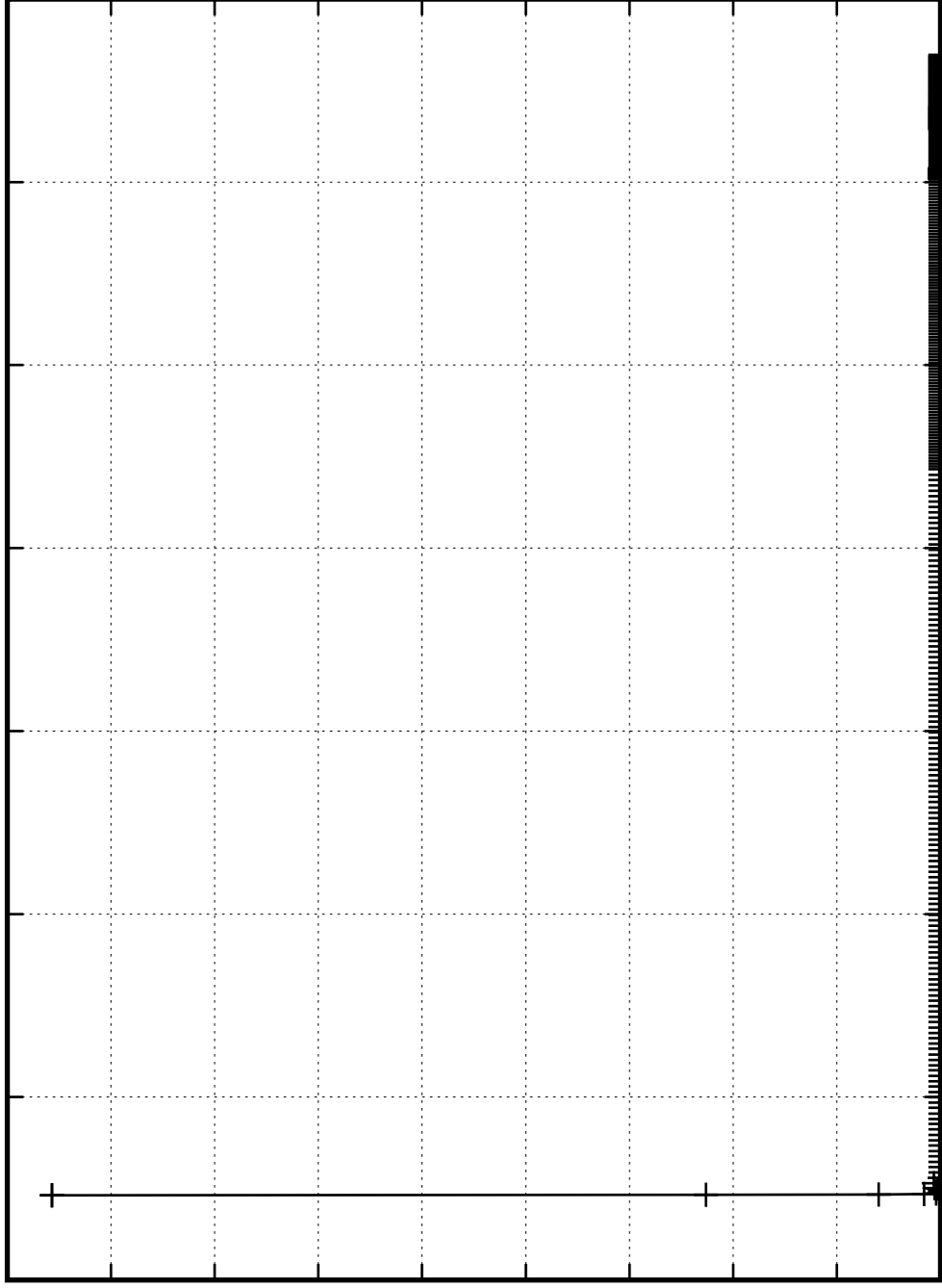
2

2.5

3

3.5

Time [Myr]



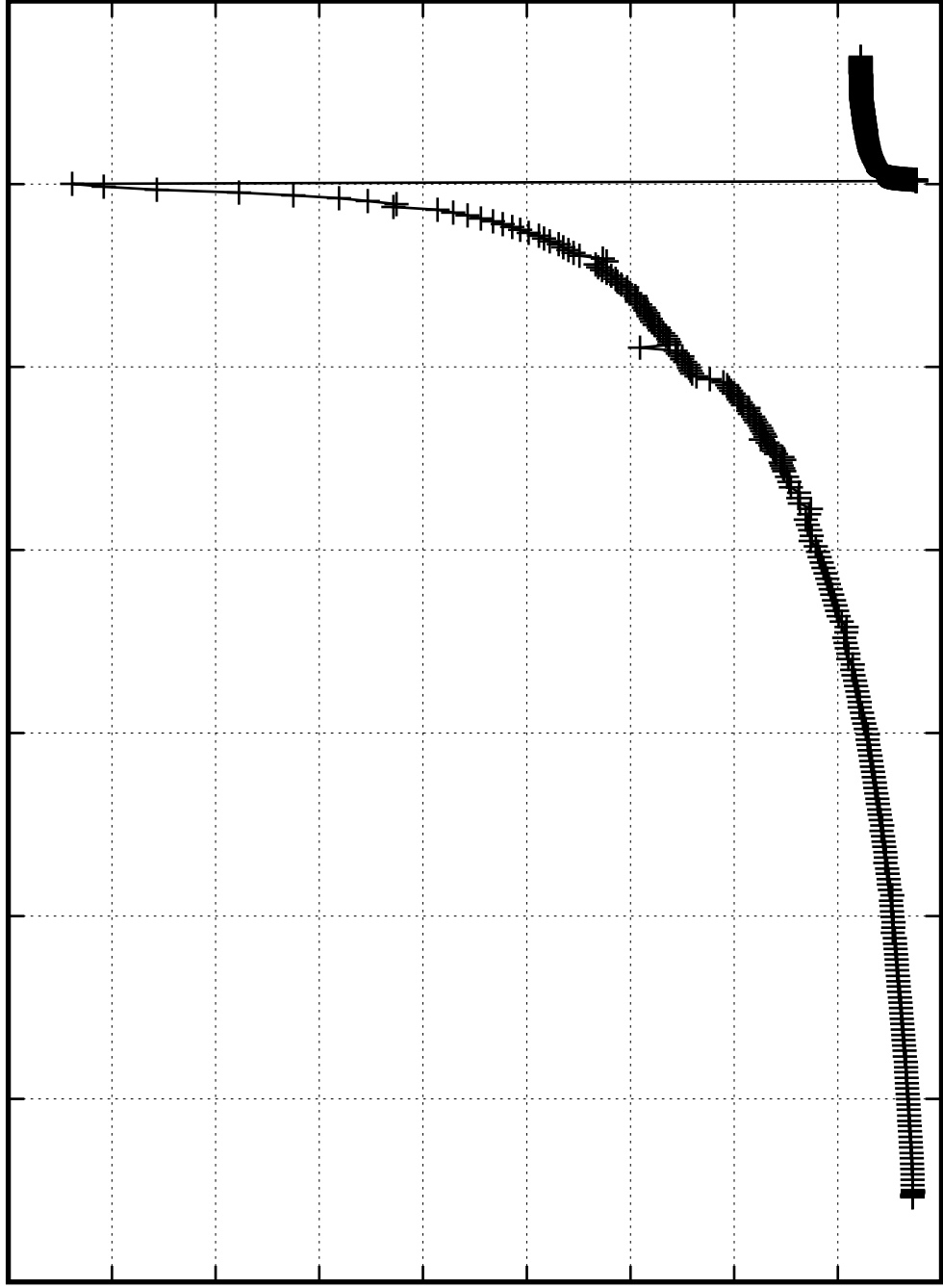
$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

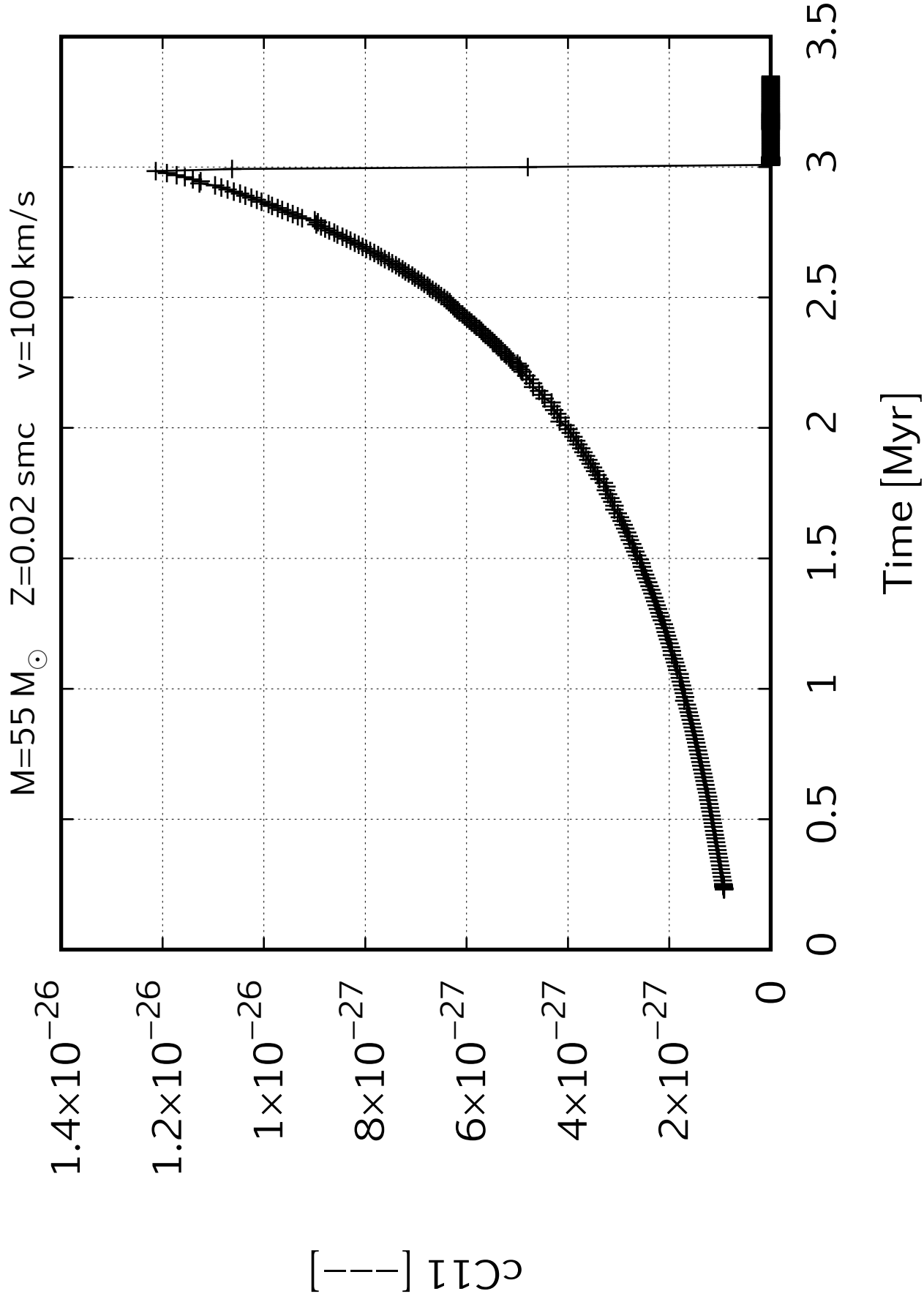
9×10^{-31}
 8×10^{-31}
 7×10^{-31}
 6×10^{-31}
 5×10^{-31}
 4×10^{-31}
 3×10^{-31}
 2×10^{-31}
 1×10^{-31}
0

$[I - I]_{B11}$

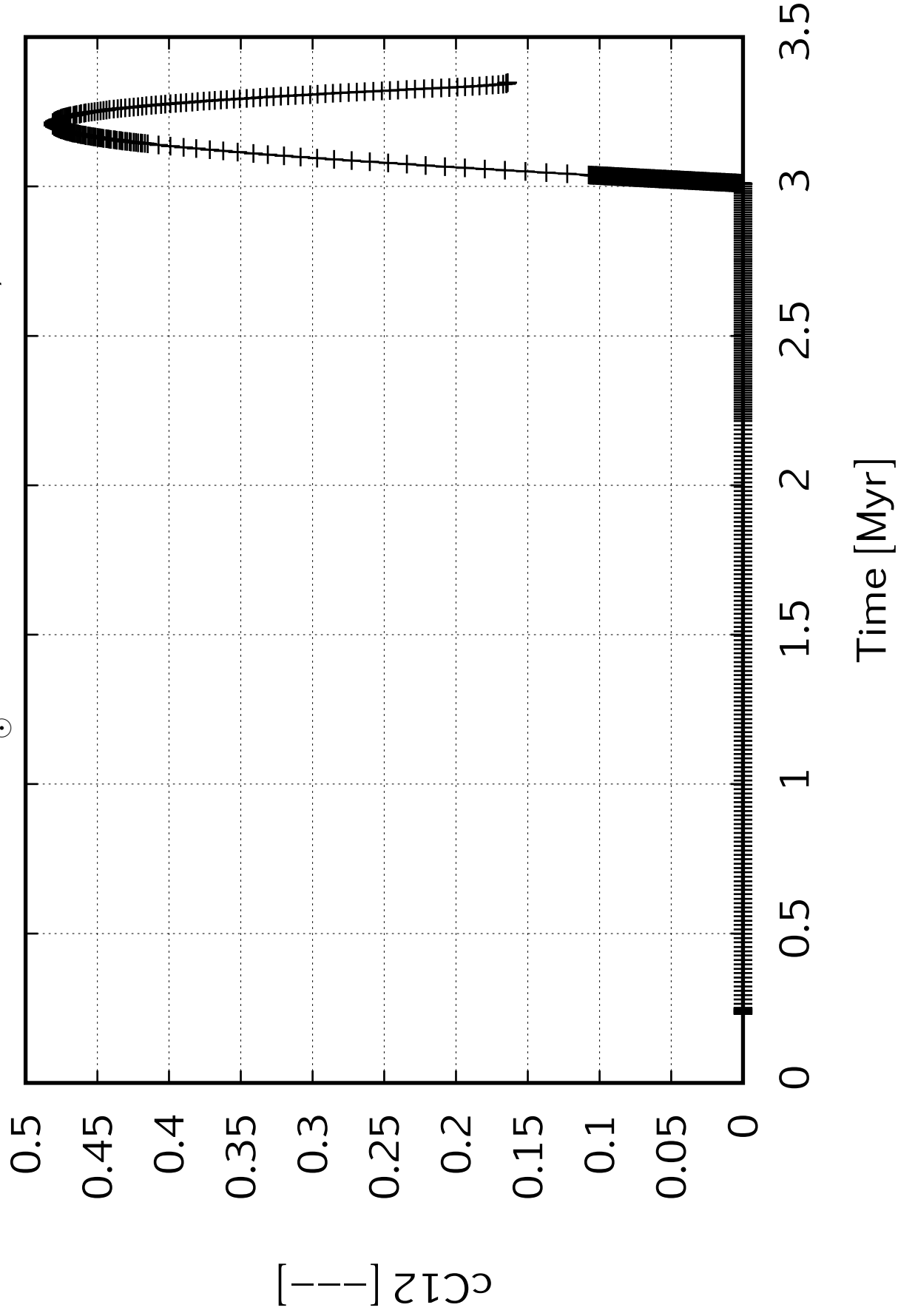
0 0.5 1 1.5 2 2.5 3 3.5

Time [Myr]

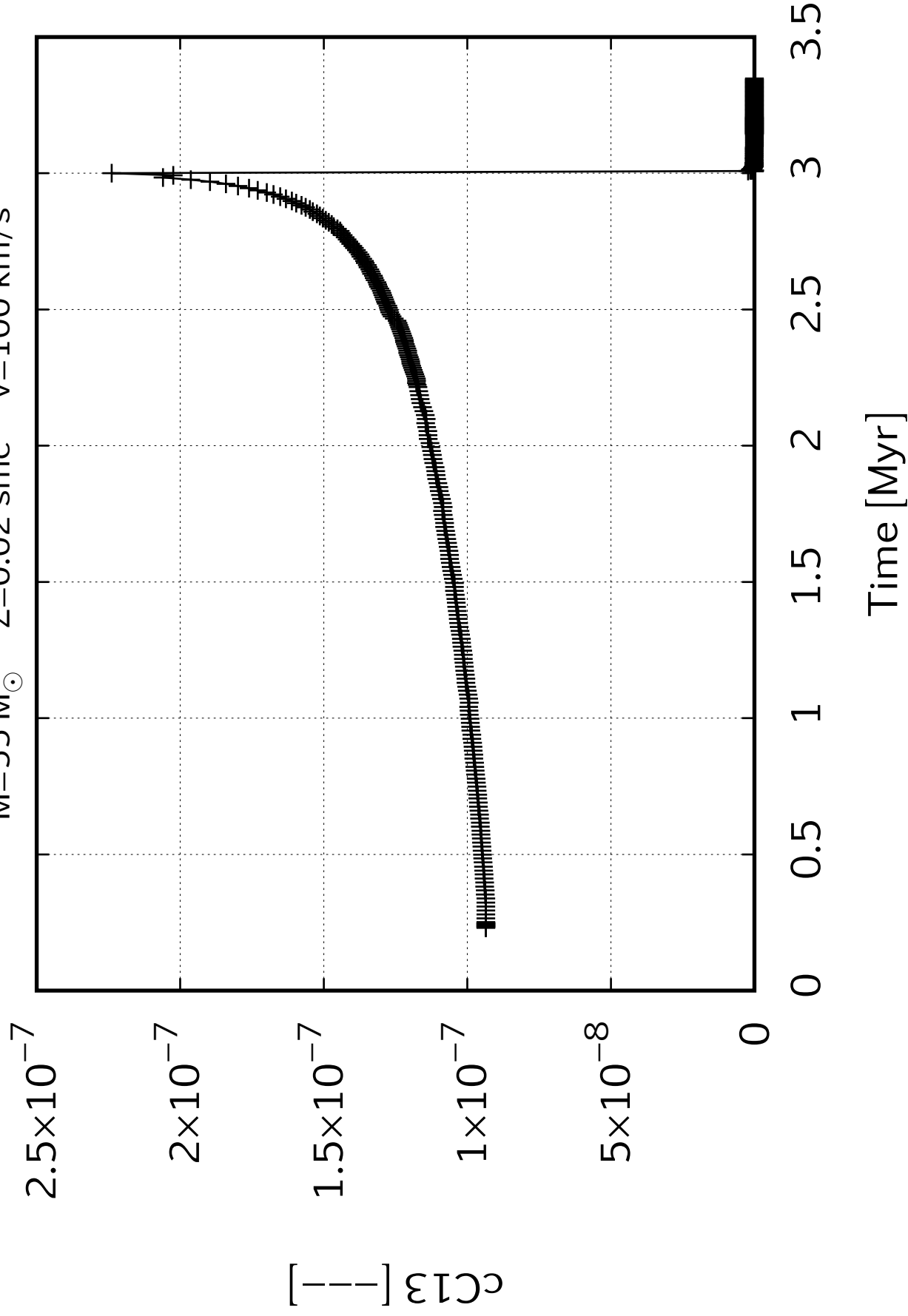


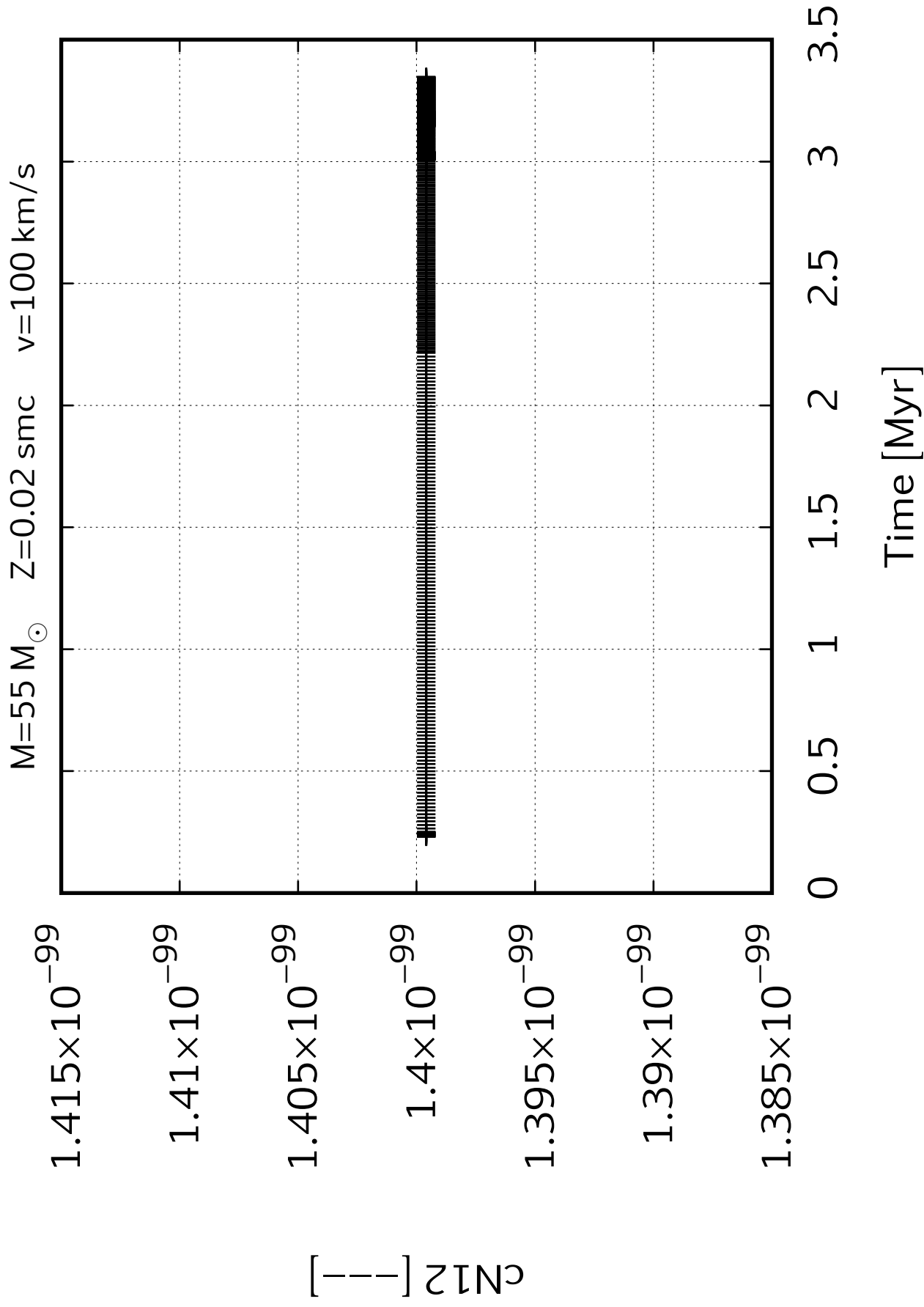


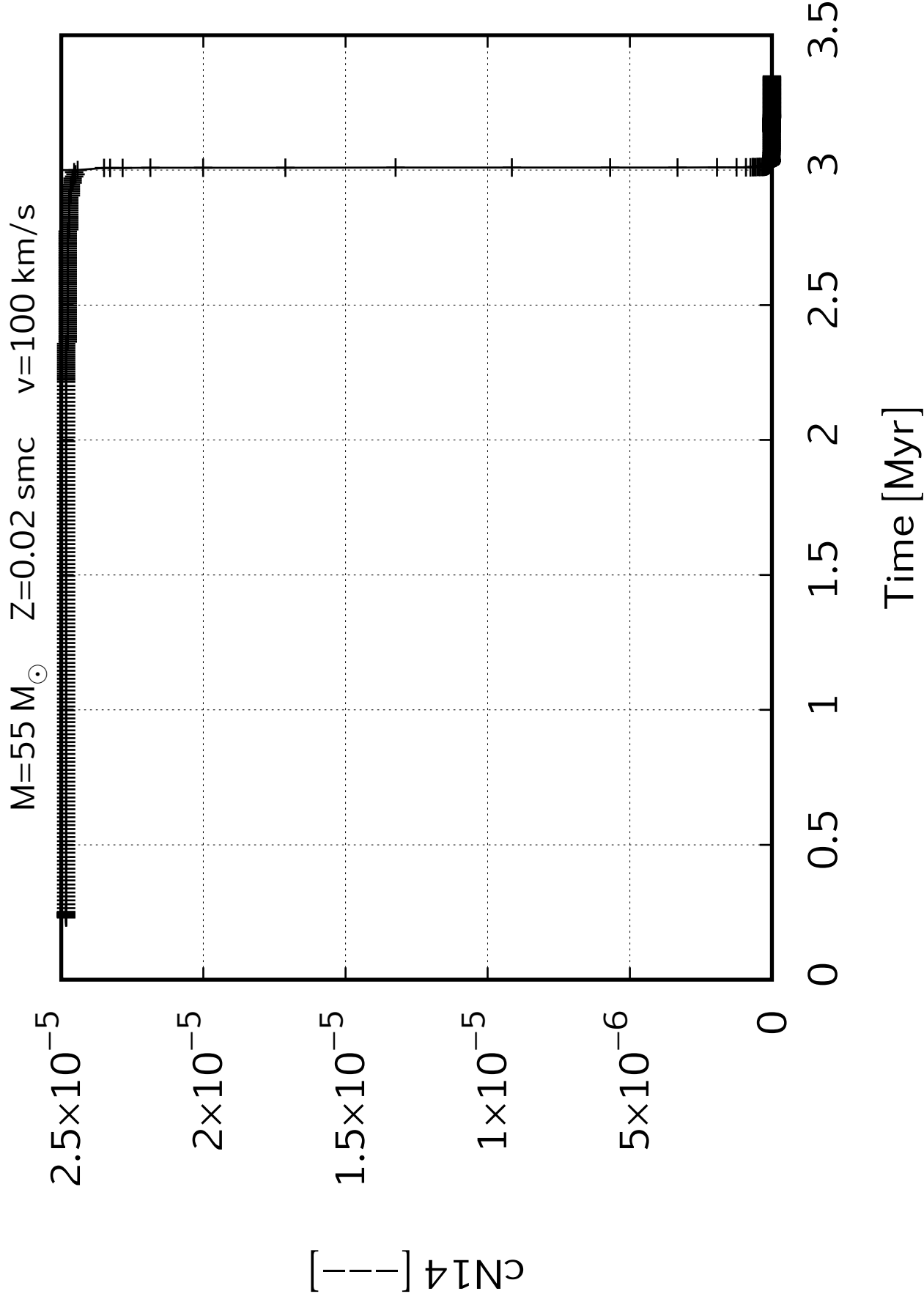
$M=55\ M_{\odot}$ $Z=0.02\ \text{smc}$ $v=100\ \text{km/s}$



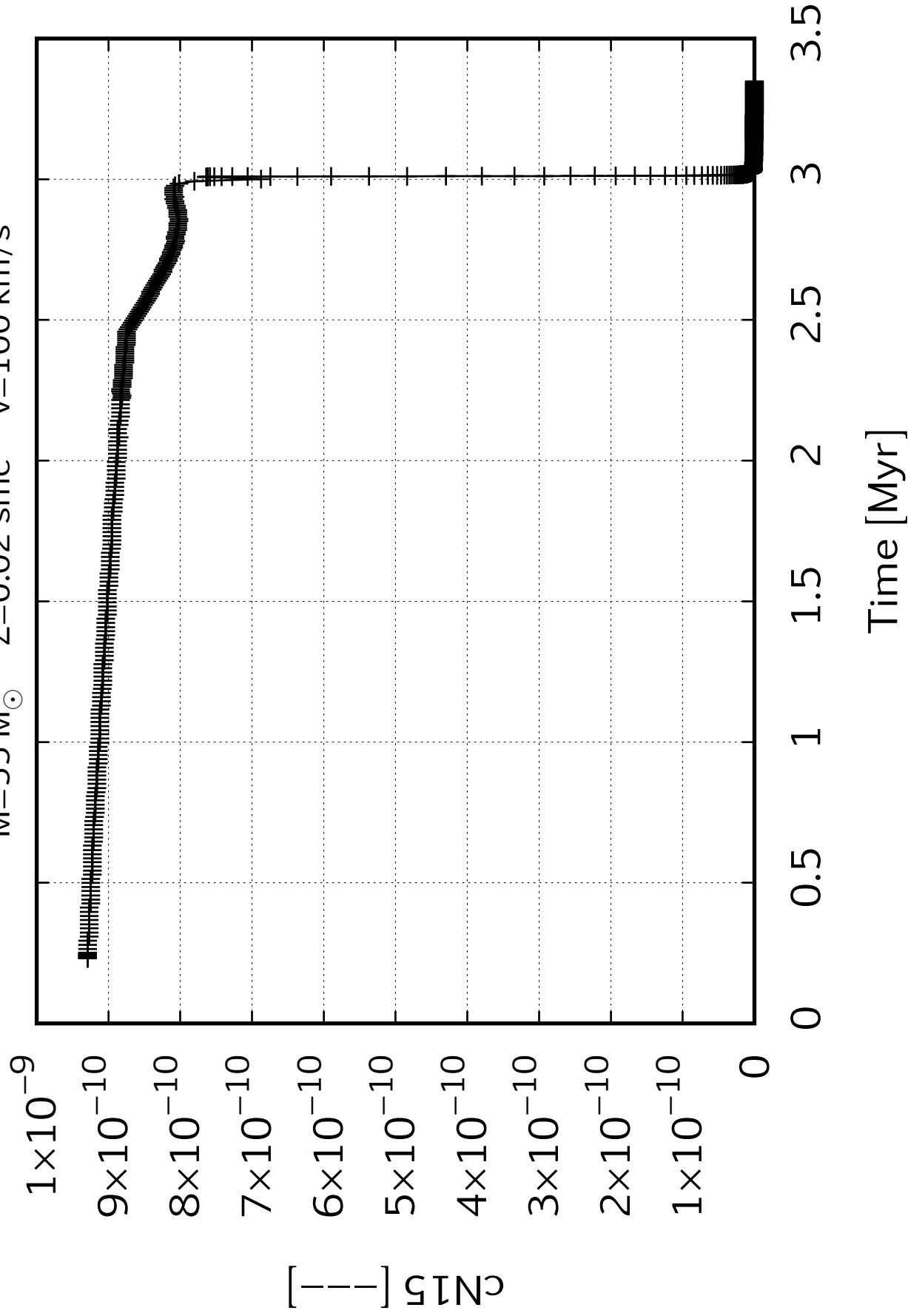
$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s



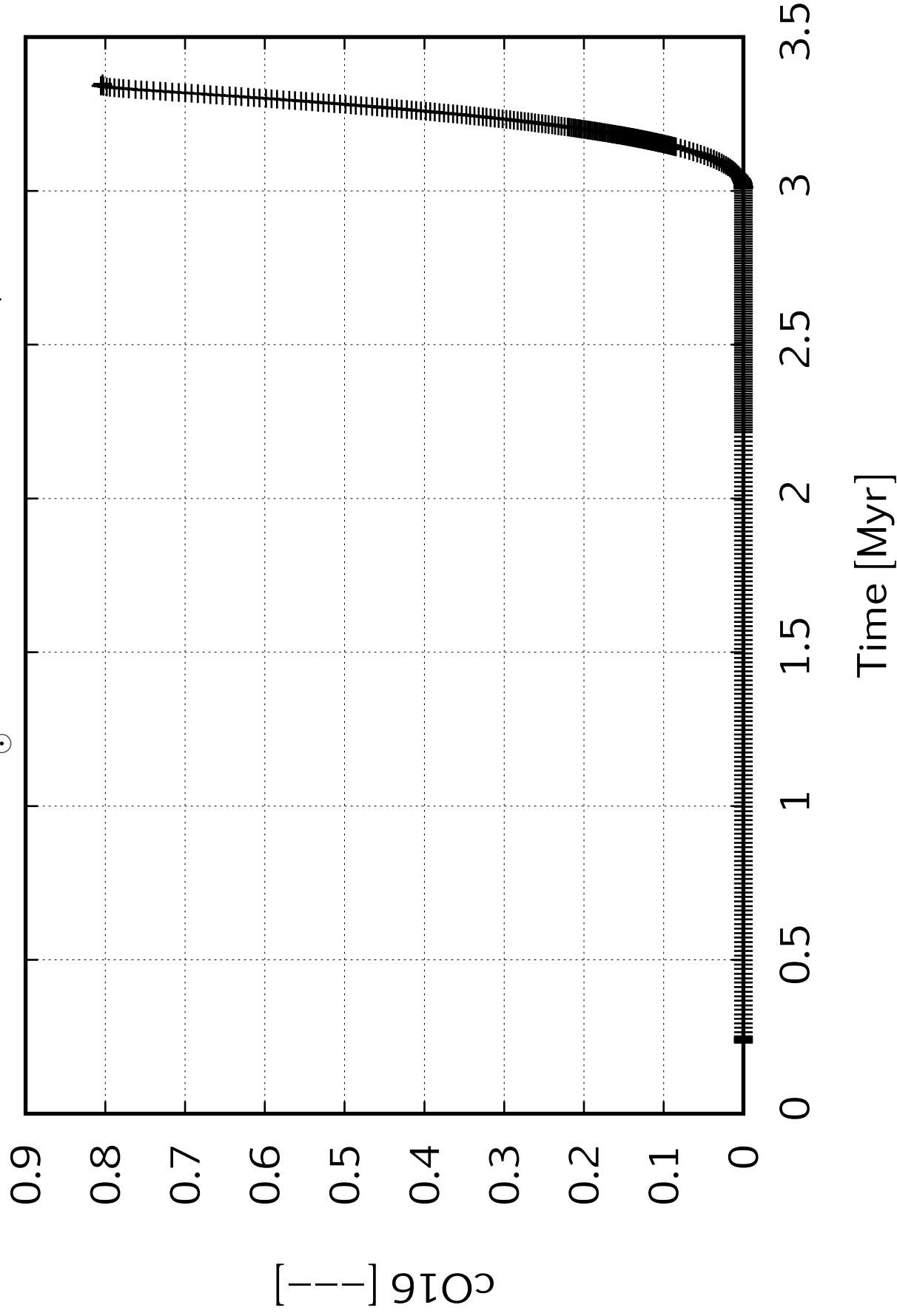




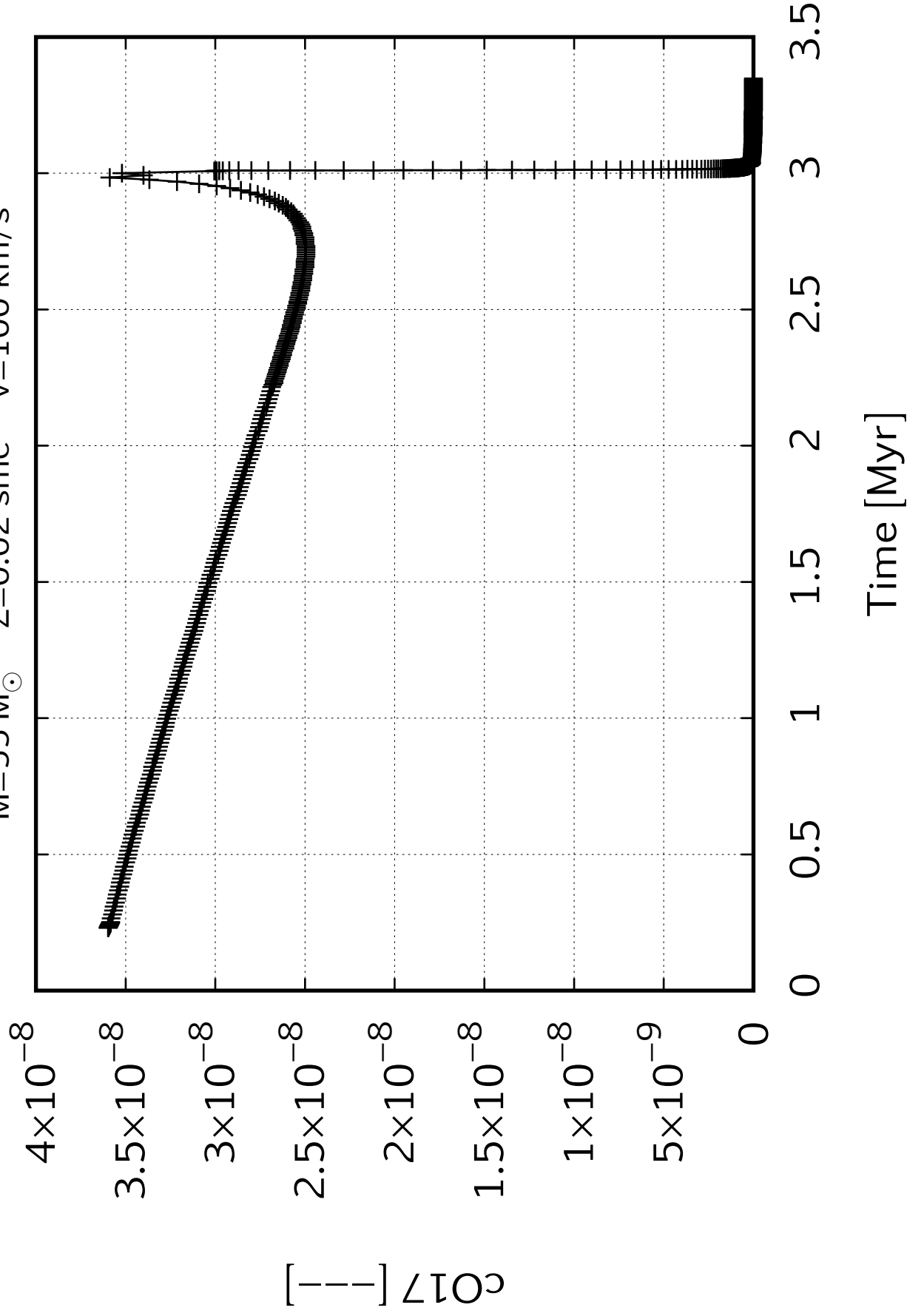
$M=55 M_{\odot}$ $Z=0.02$ smc $v=100$ km/s



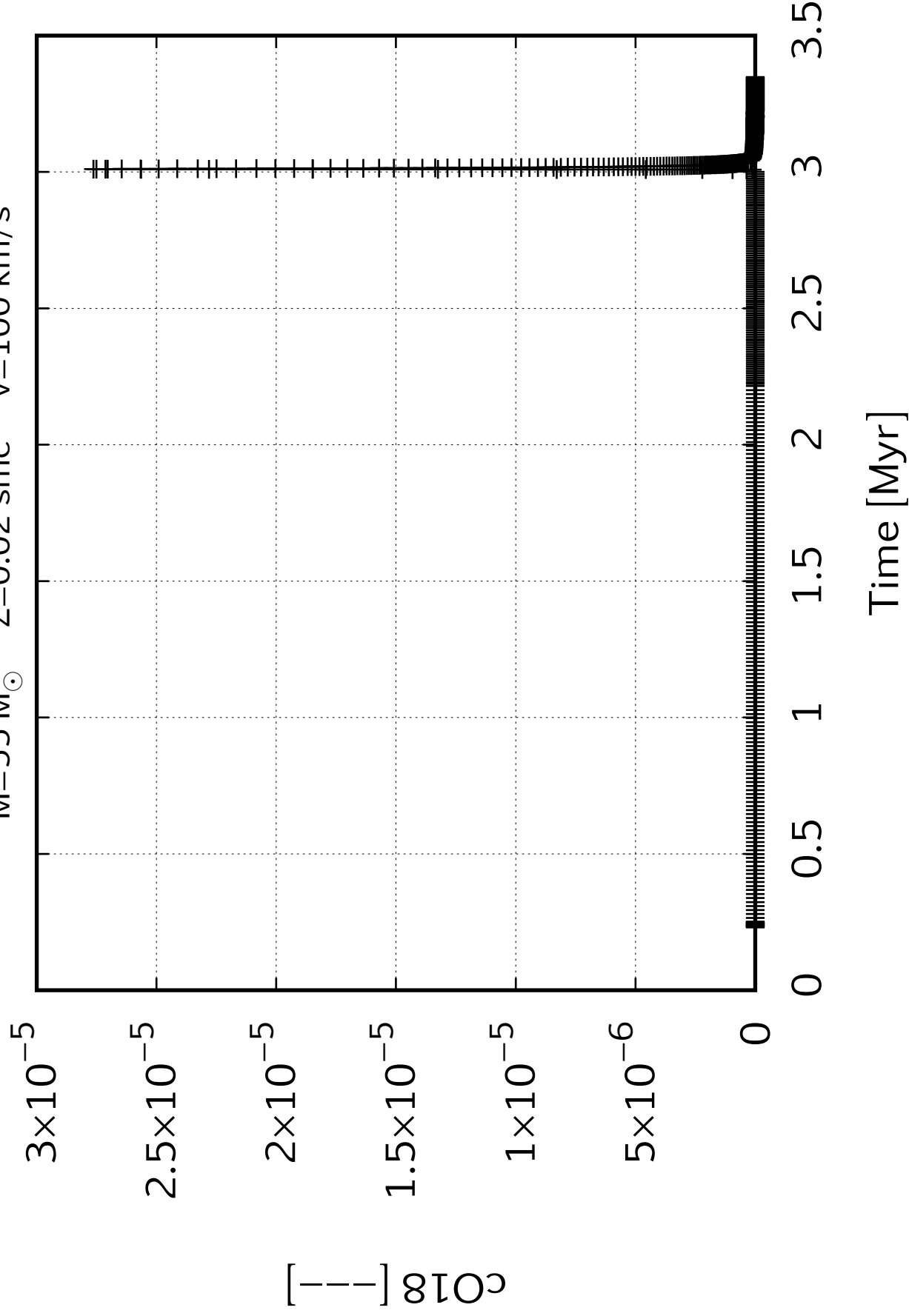
$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

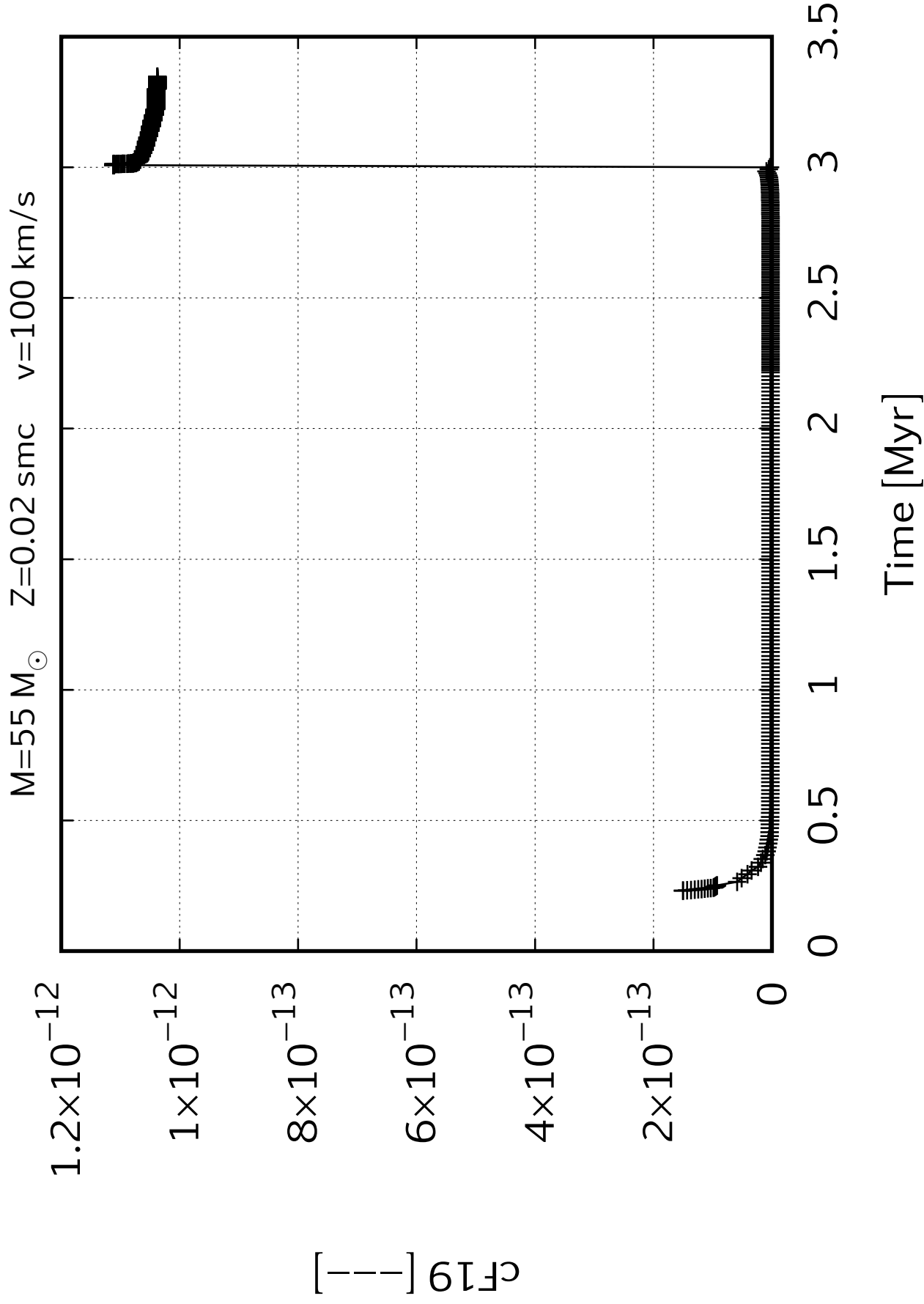


$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

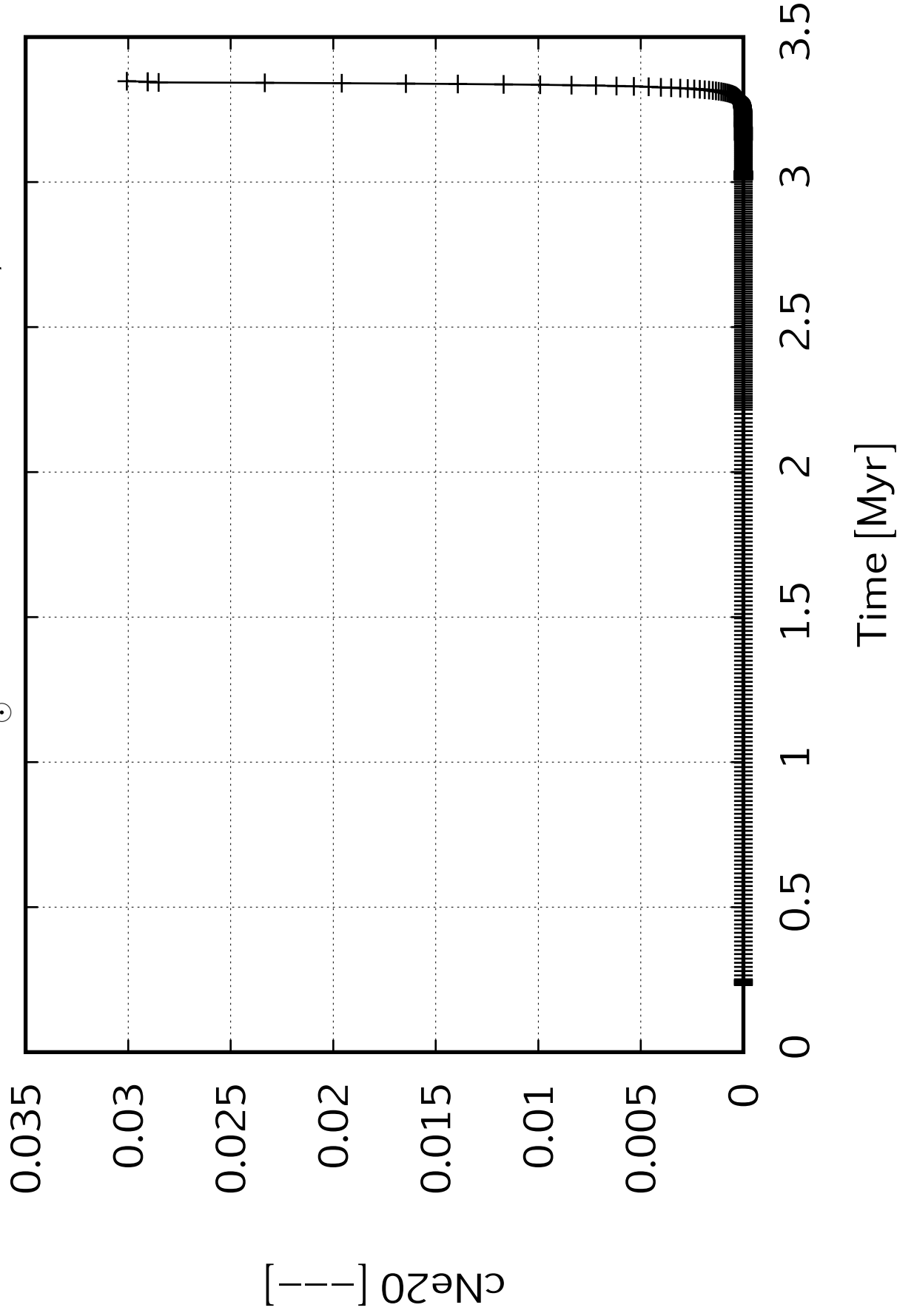


$M=55 M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

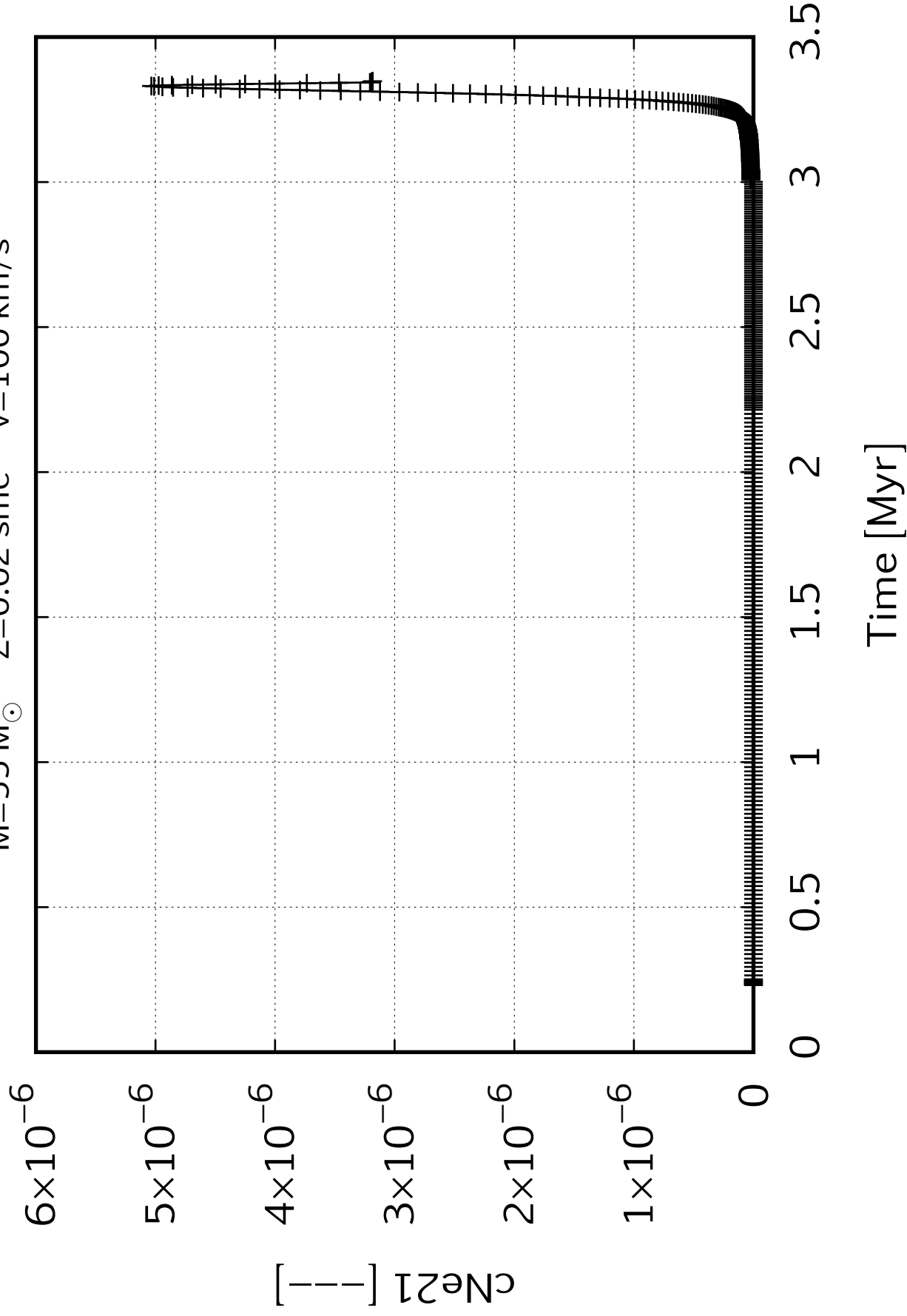




$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s



$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s



$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

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

$[N/Ne]_{\odot}$

0

0.5

1

1.5

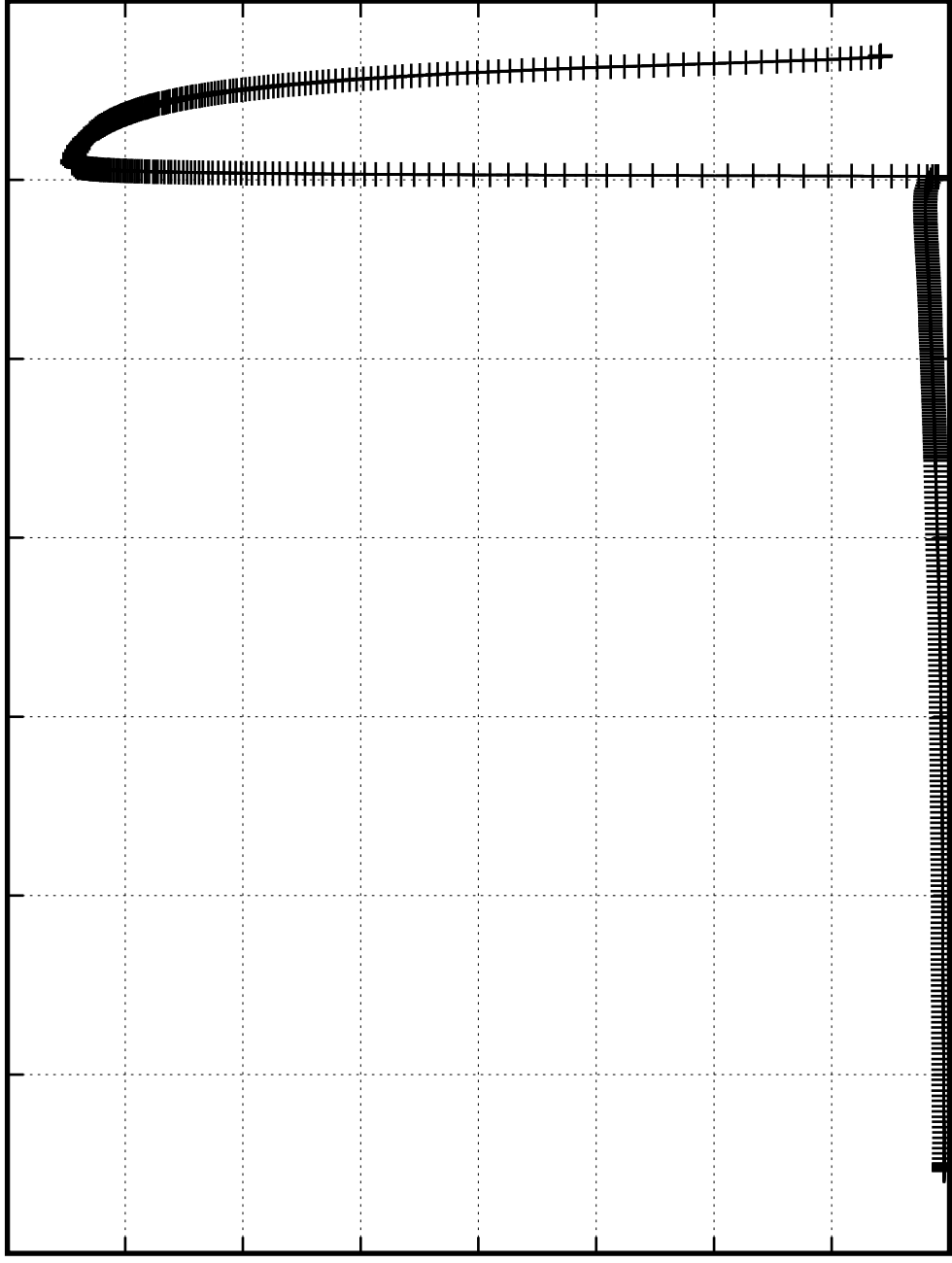
2

2.5

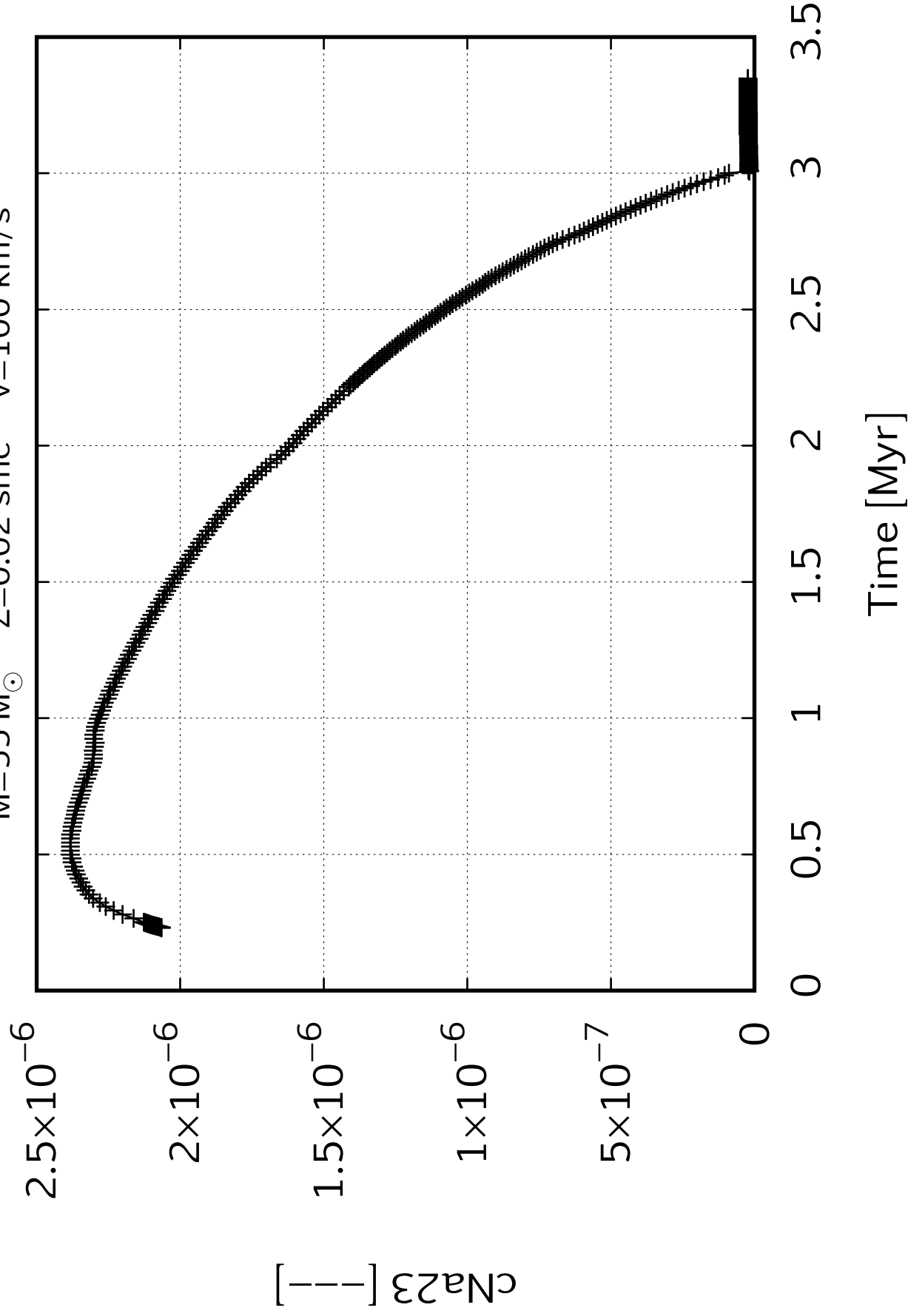
3

3.5

Time [Myr]



$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s



$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

0.0025

0.002

0.0015

0.001

0.0005

0

$cM_{\text{g}24}[-]$

0

0.5

1

1.5

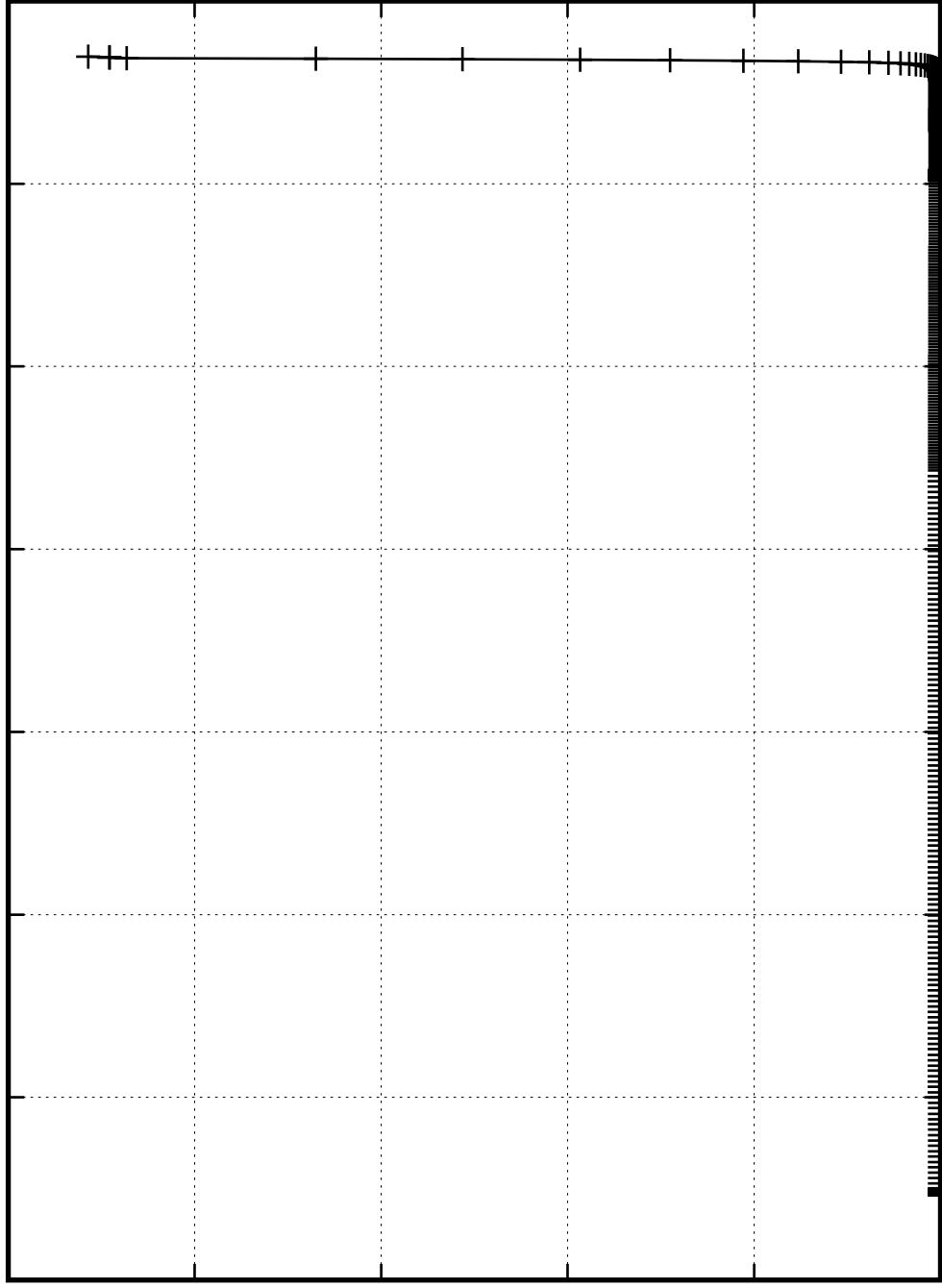
2

2.5

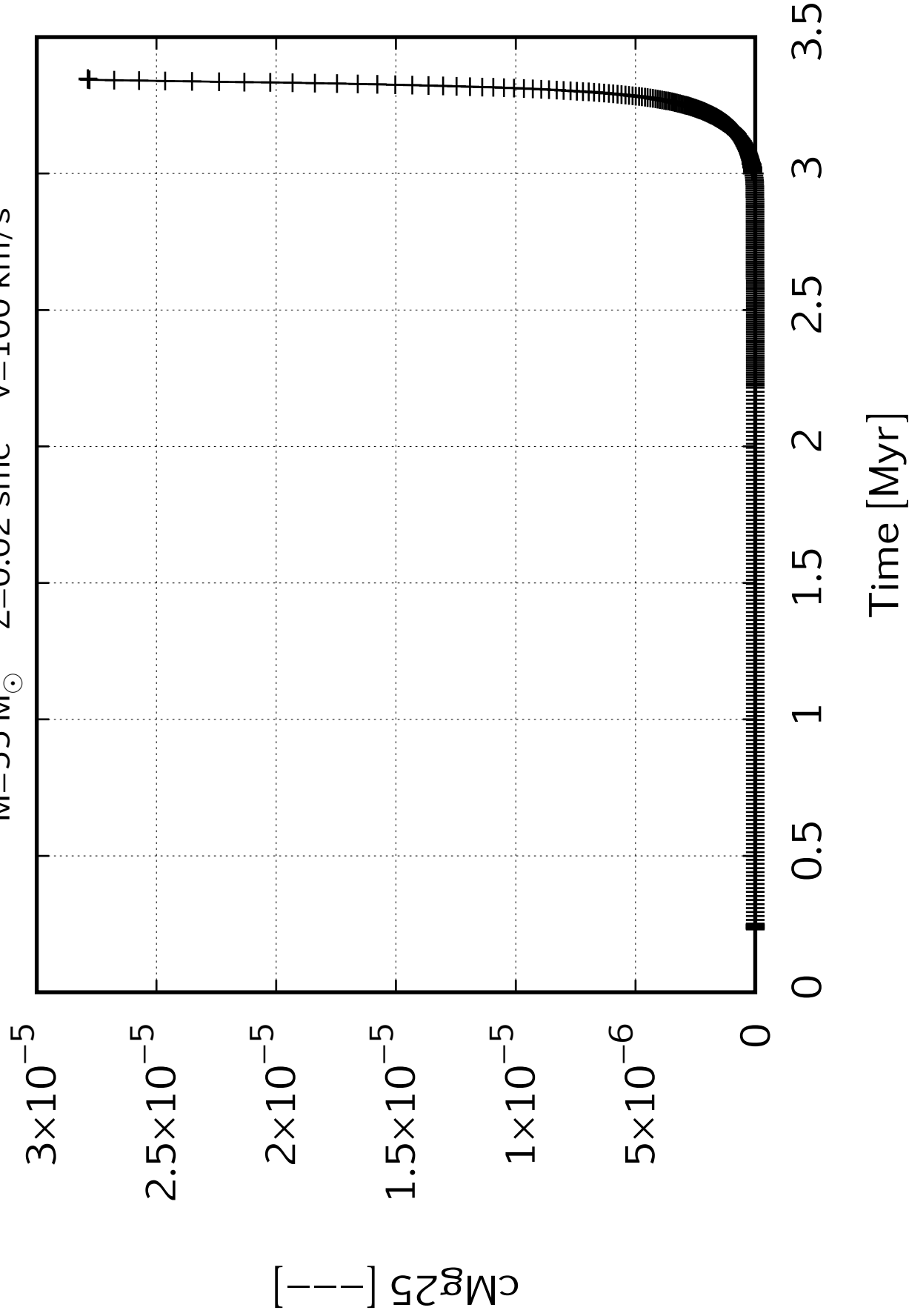
3

3.5

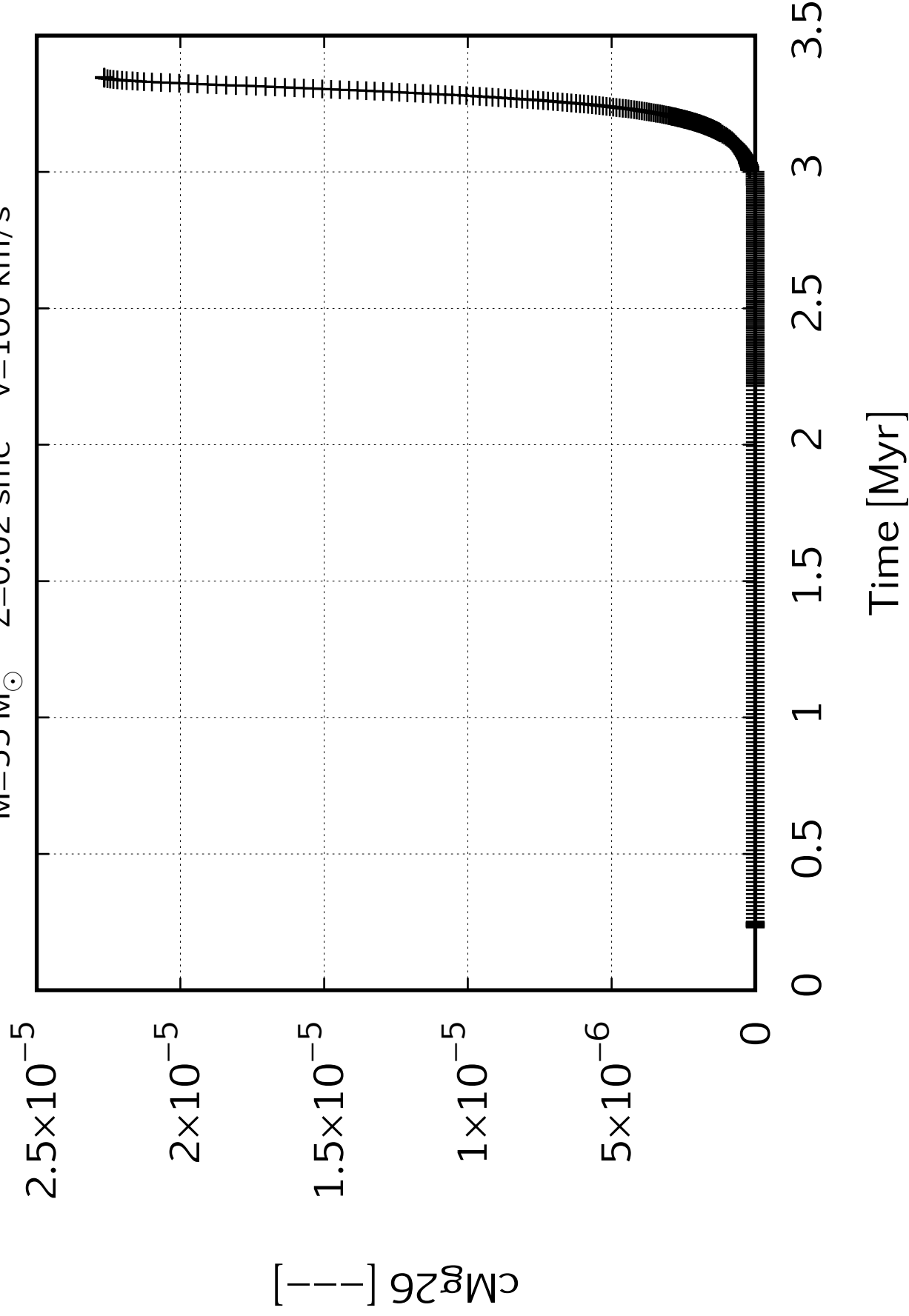
Time [Myr]



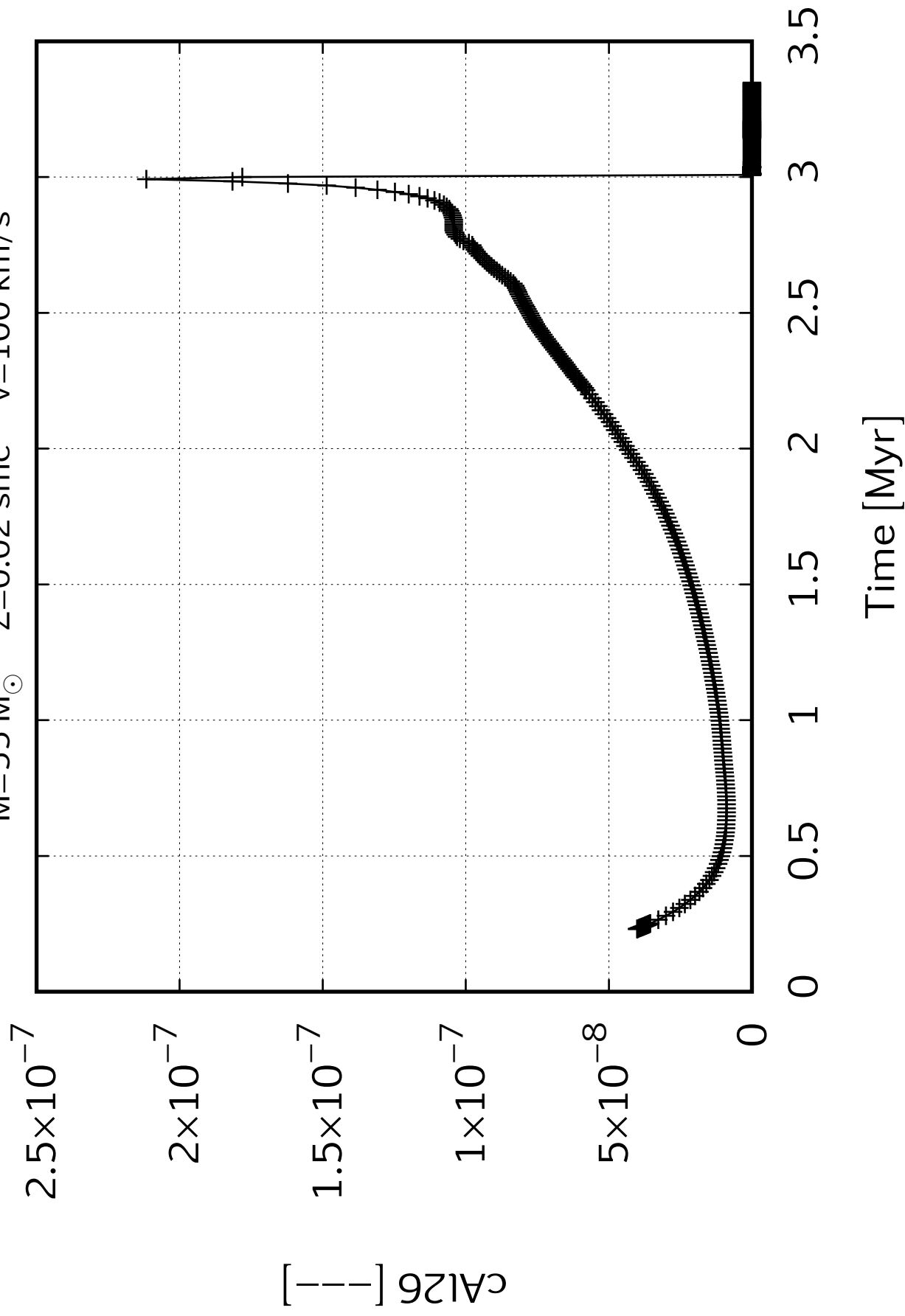
$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s



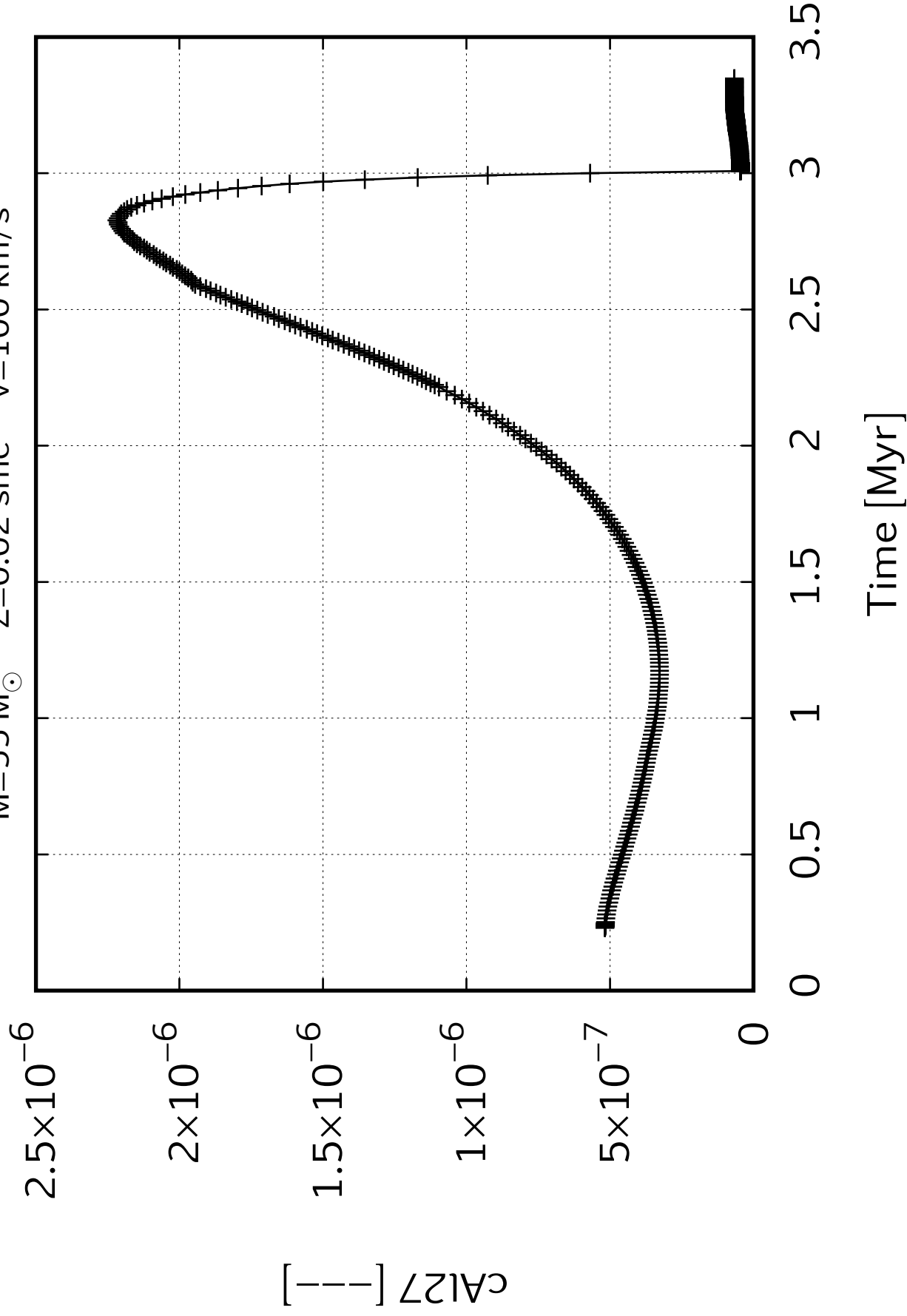
$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s



$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s



$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s



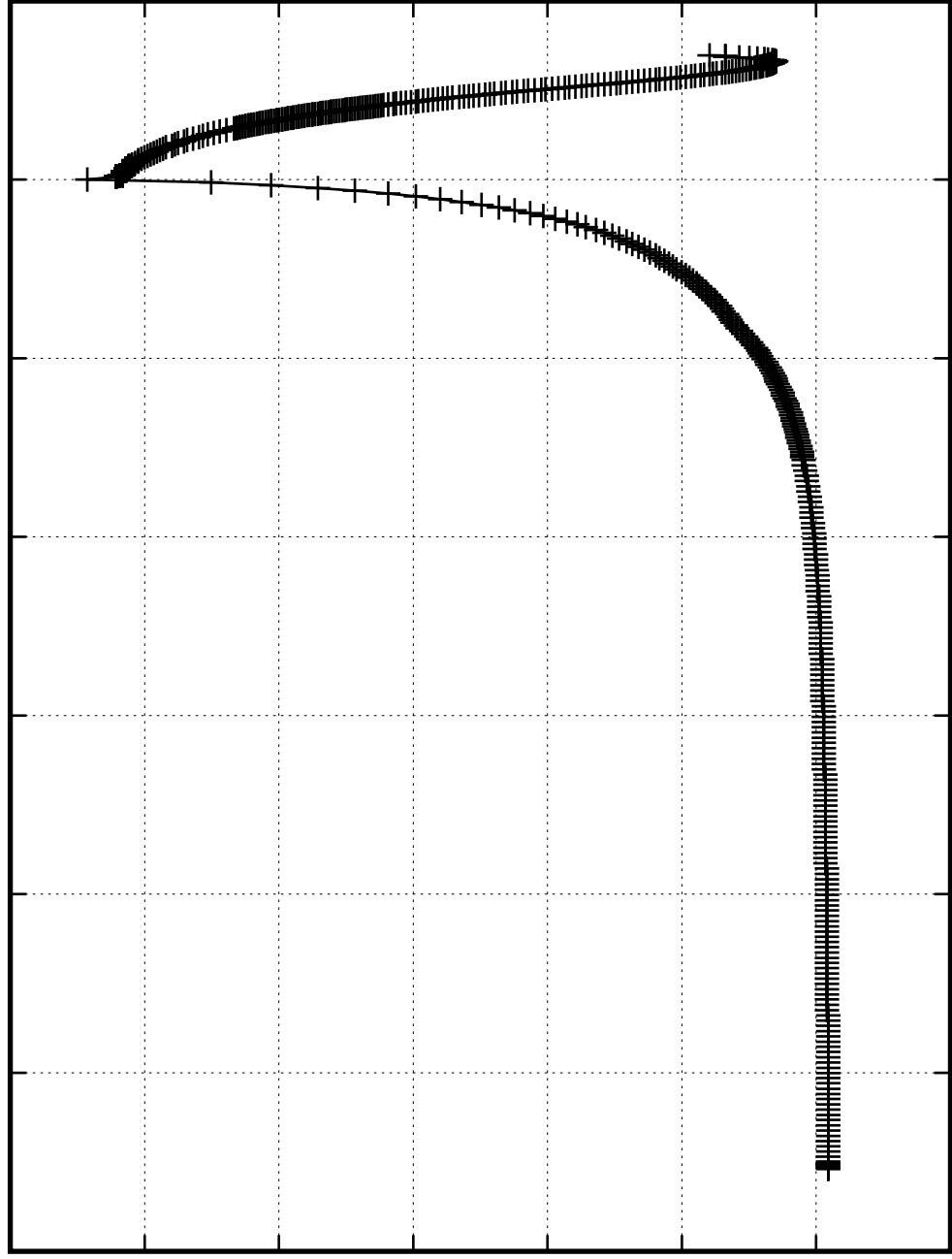
$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

$[\text{--}]_{\text{Si28}}$

0.000006
0.000005
0.000005
0.000004
0.000003
0.000003
0.000002
0.000002

0 0.5 1 1.5 2 2.5 3 3.5

Time [Myr]



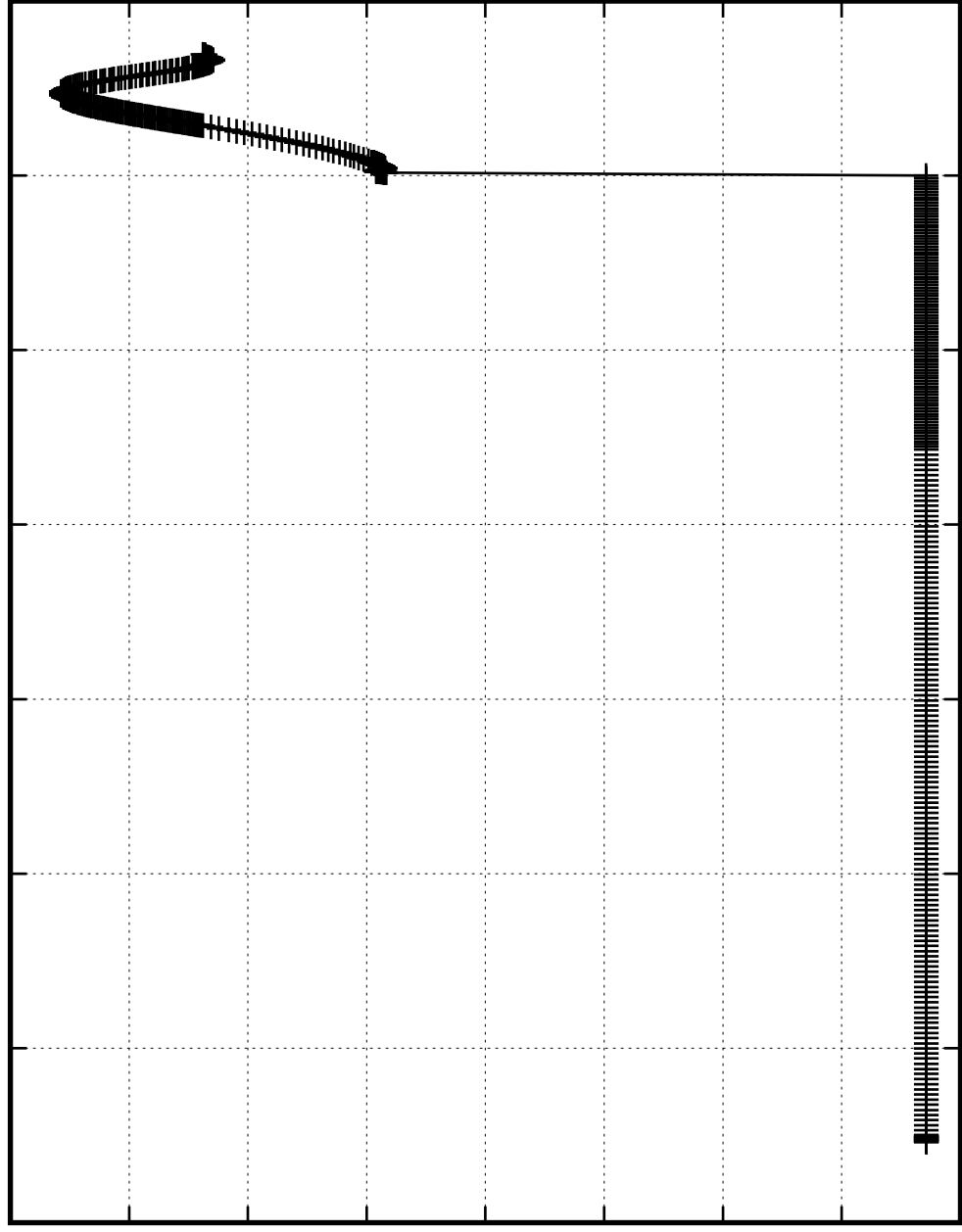
$M=55\ M_{\odot}$ $Z=0.02\ \text{smc}$ $v=100\ \text{km/s}$

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

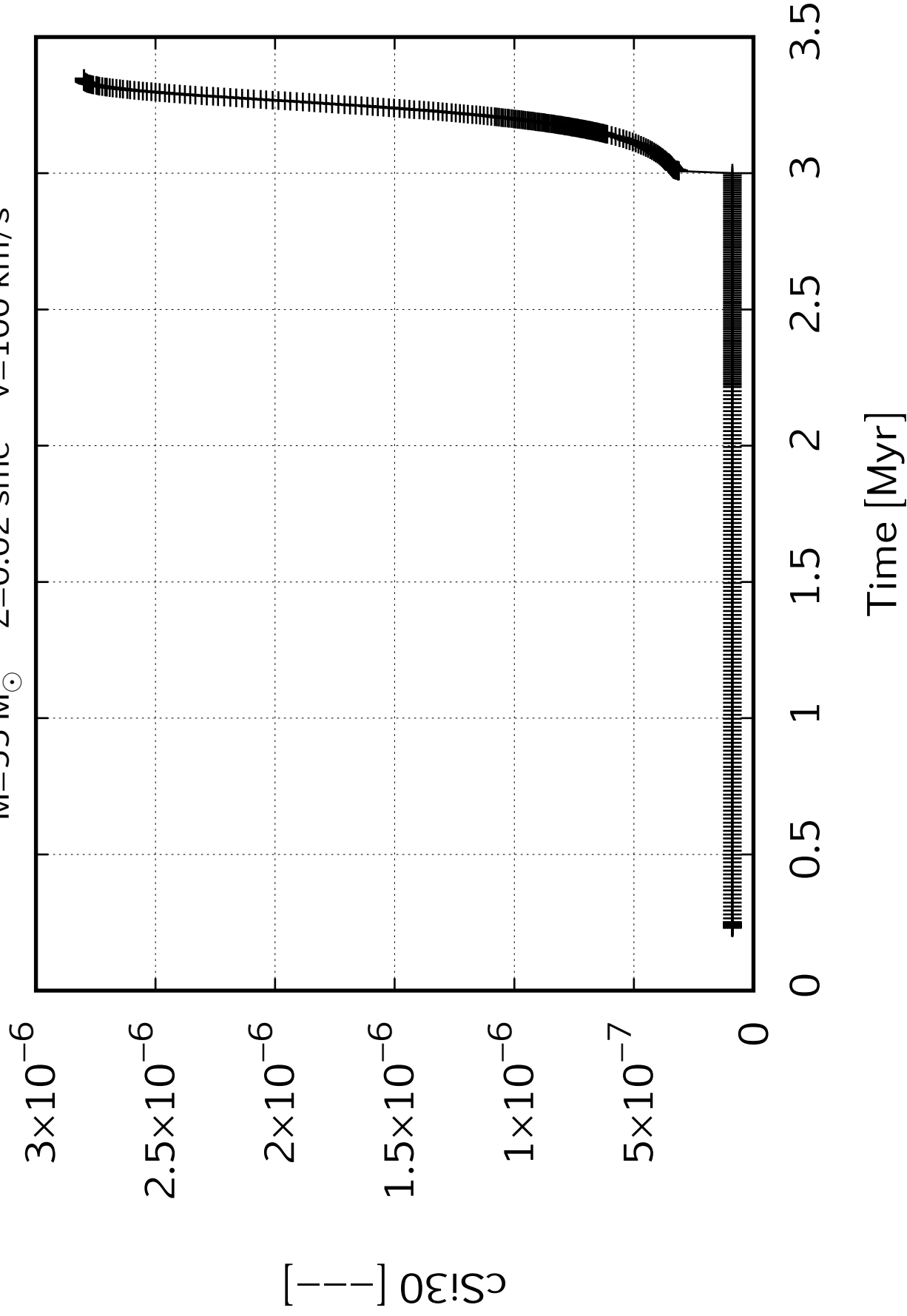
0.0000009
0.0000008
0.0000007
0.0000006
0.0000005
0.0000004
0.0000003
0.0000002
0.0000001

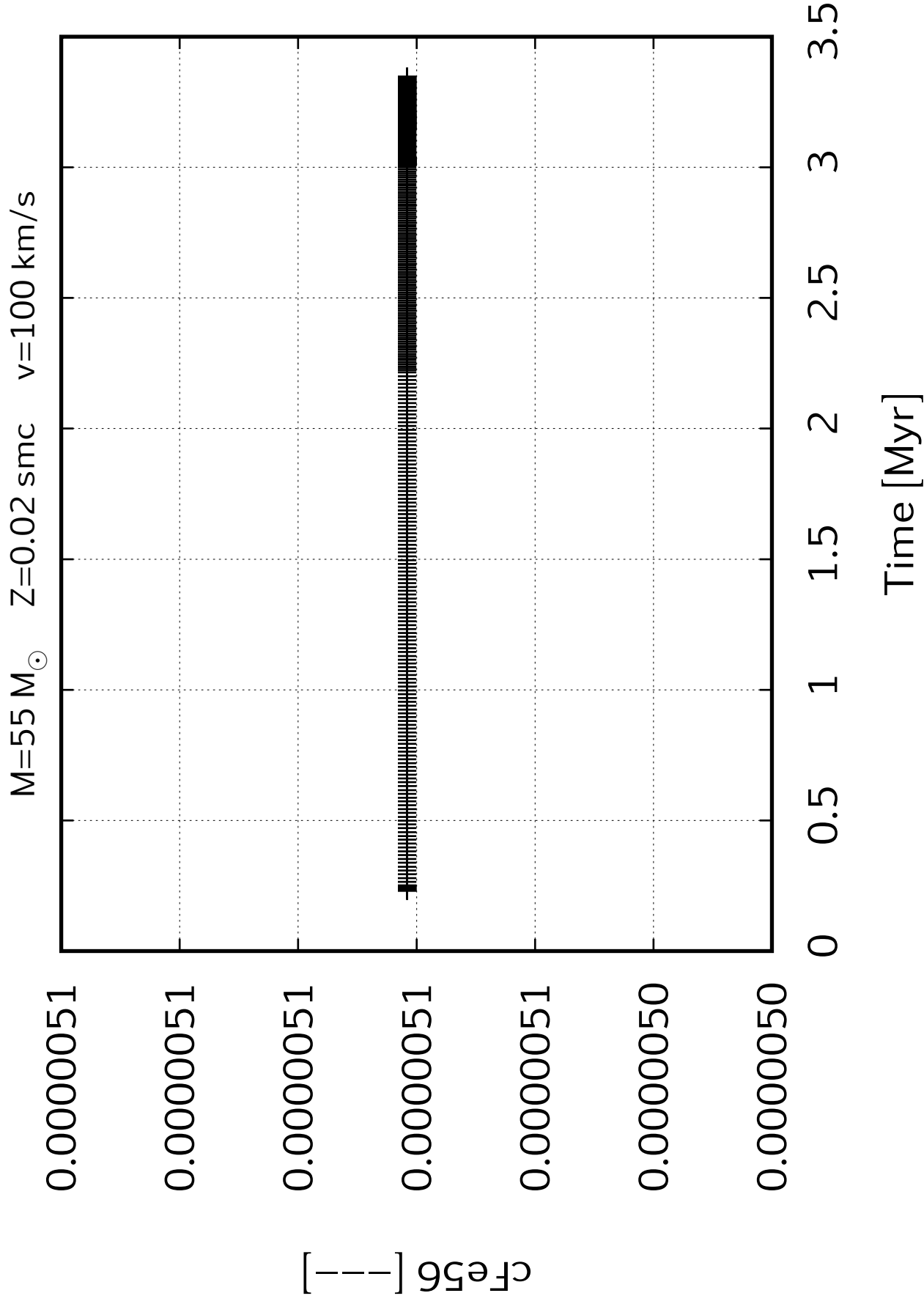
0 0.5 1 1.5 2 2.5 3 3.5

Time [Myr]

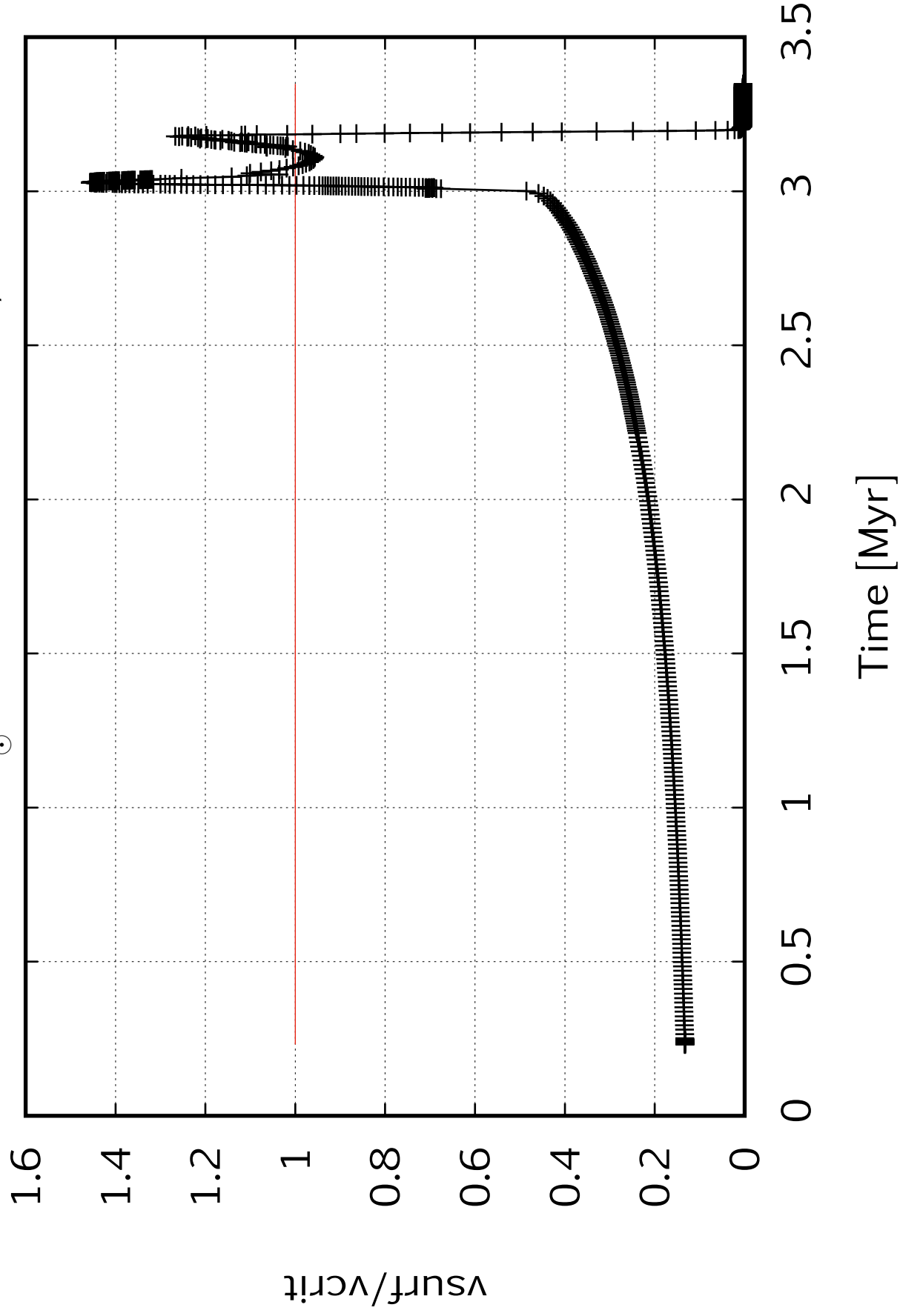


$M=55\,M_{\odot}$ $Z=0.02$ smc $v=100$ km/s

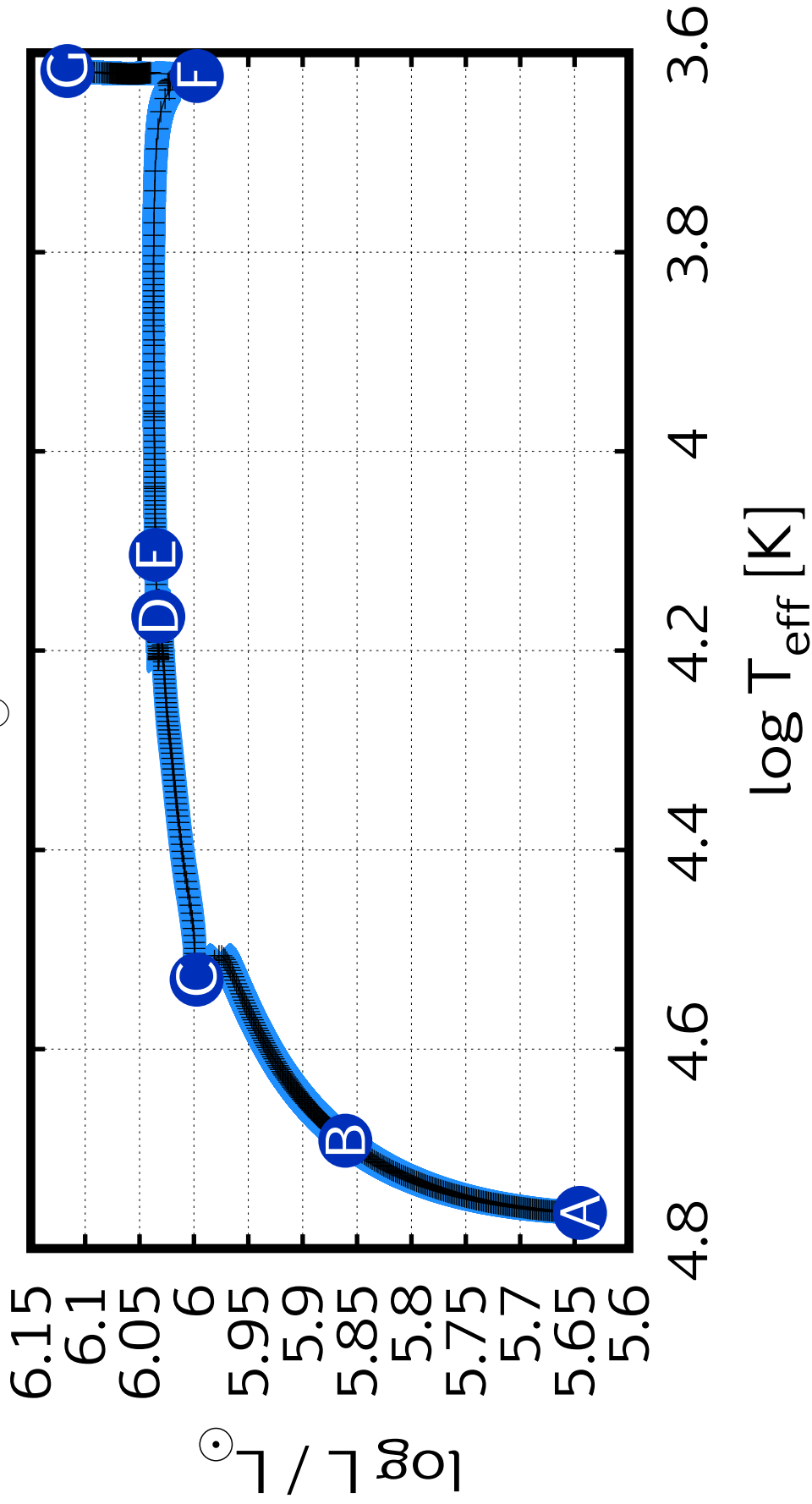




$M=55 M_{\odot}$ $Z=0.02$ smc $v=100$ km/s



55 M_⊙ dwarfE



55 M_⊙ dwarfE

