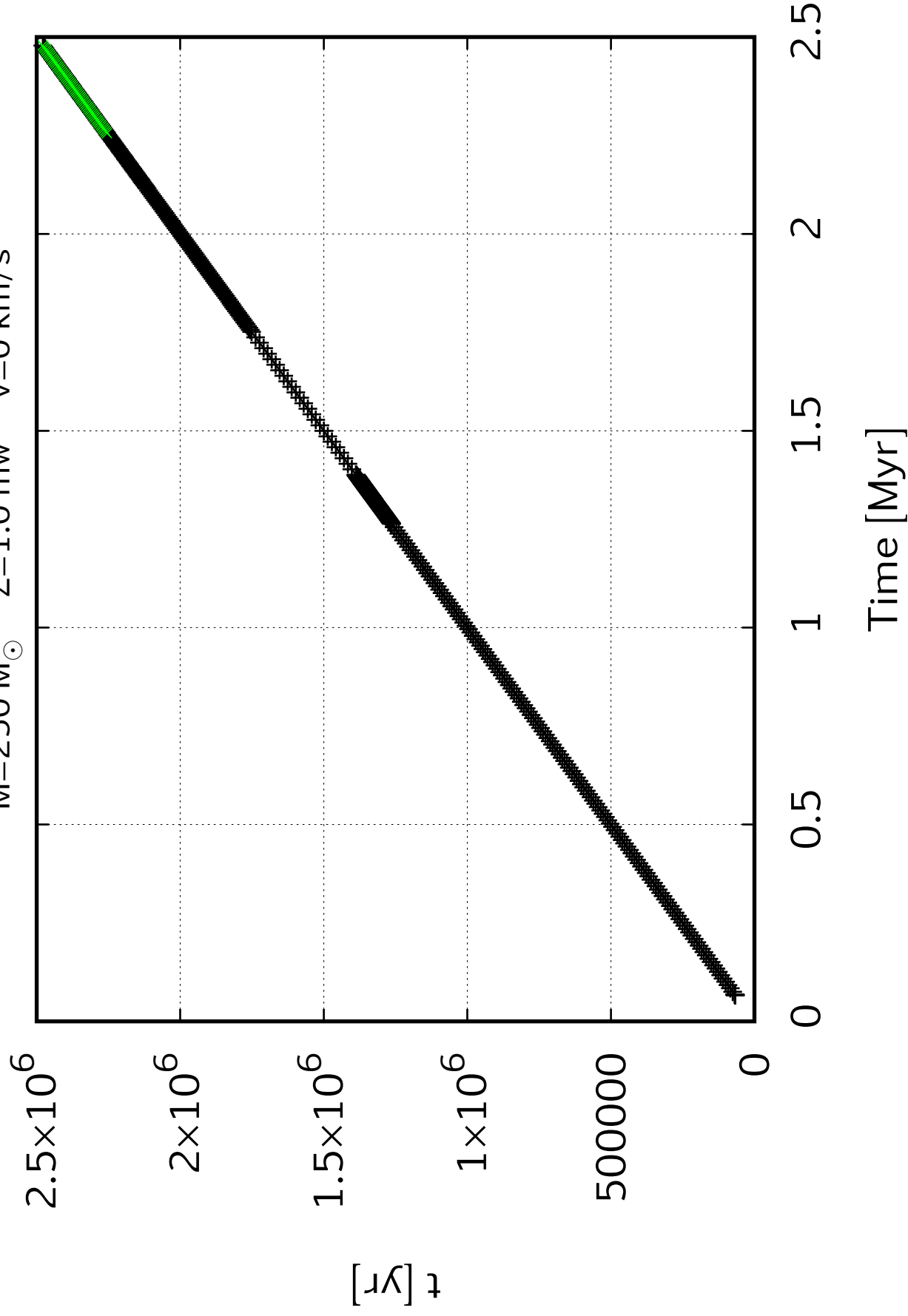
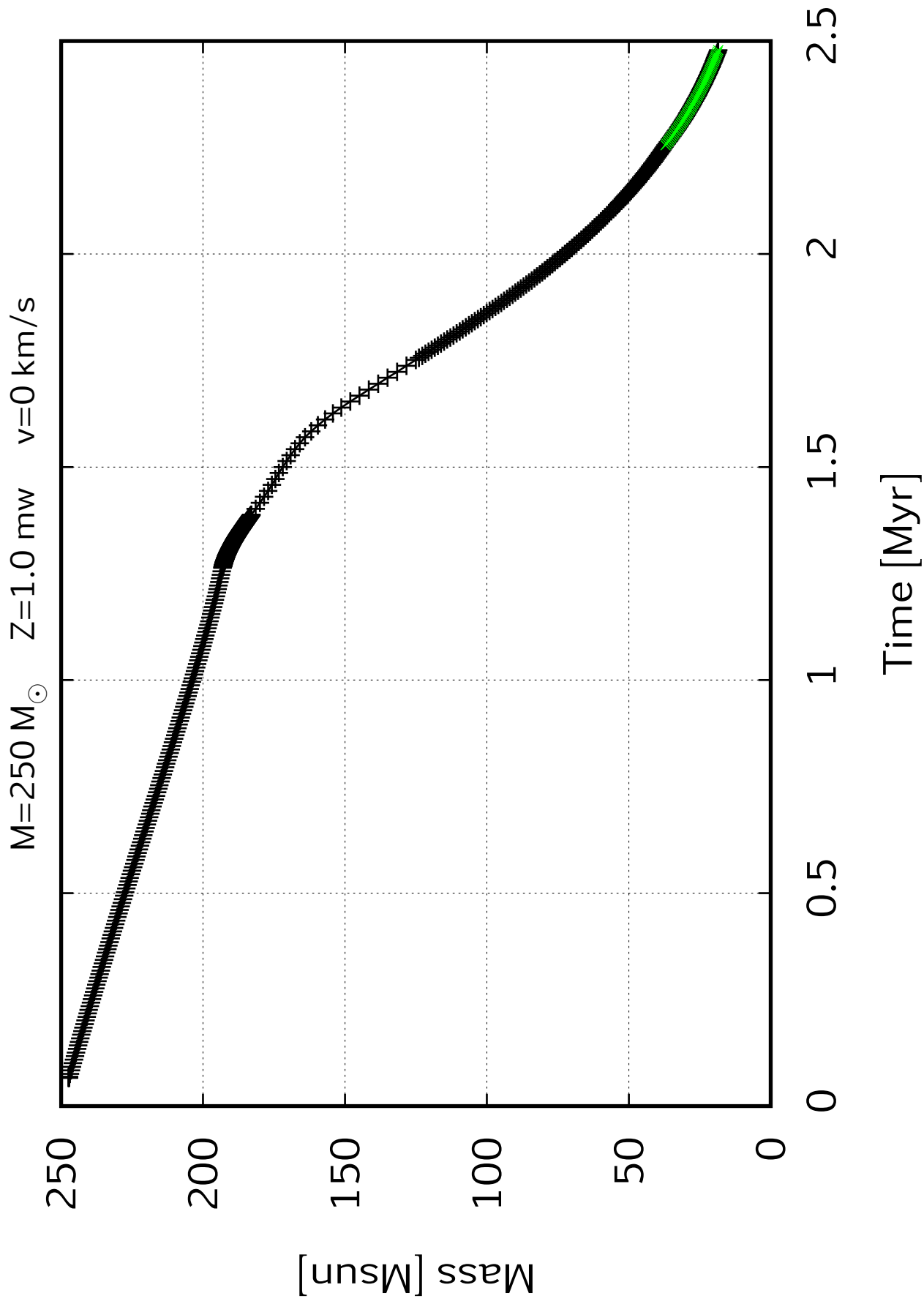


$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s





$M=250\,M_{\odot}$ $Z=1.0\,\text{mw}$ $v=0\,\text{km/s}$

100000

90000

80000

70000

60000

50000

40000

30000

20000

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

0

0.5

1

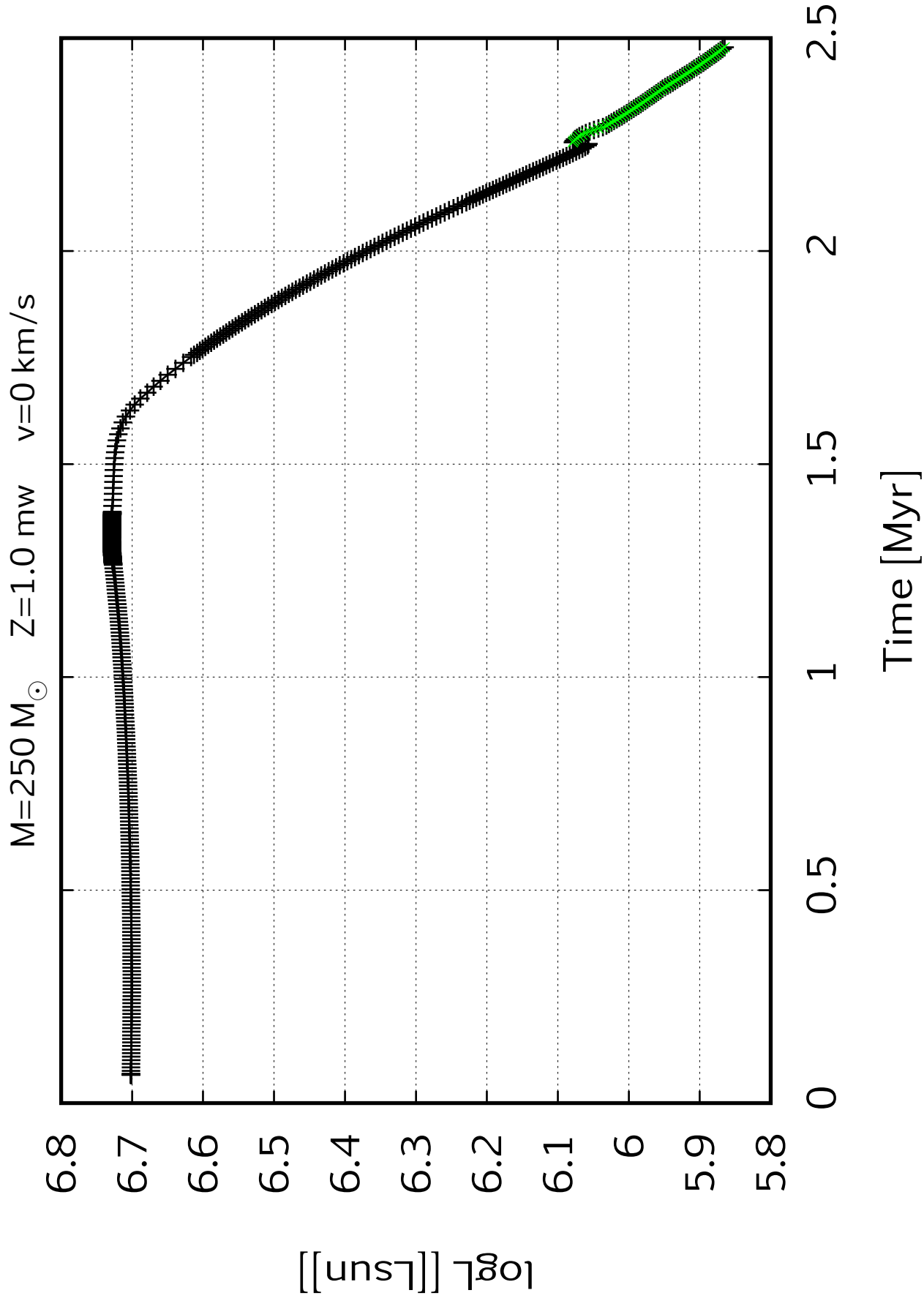
1.5

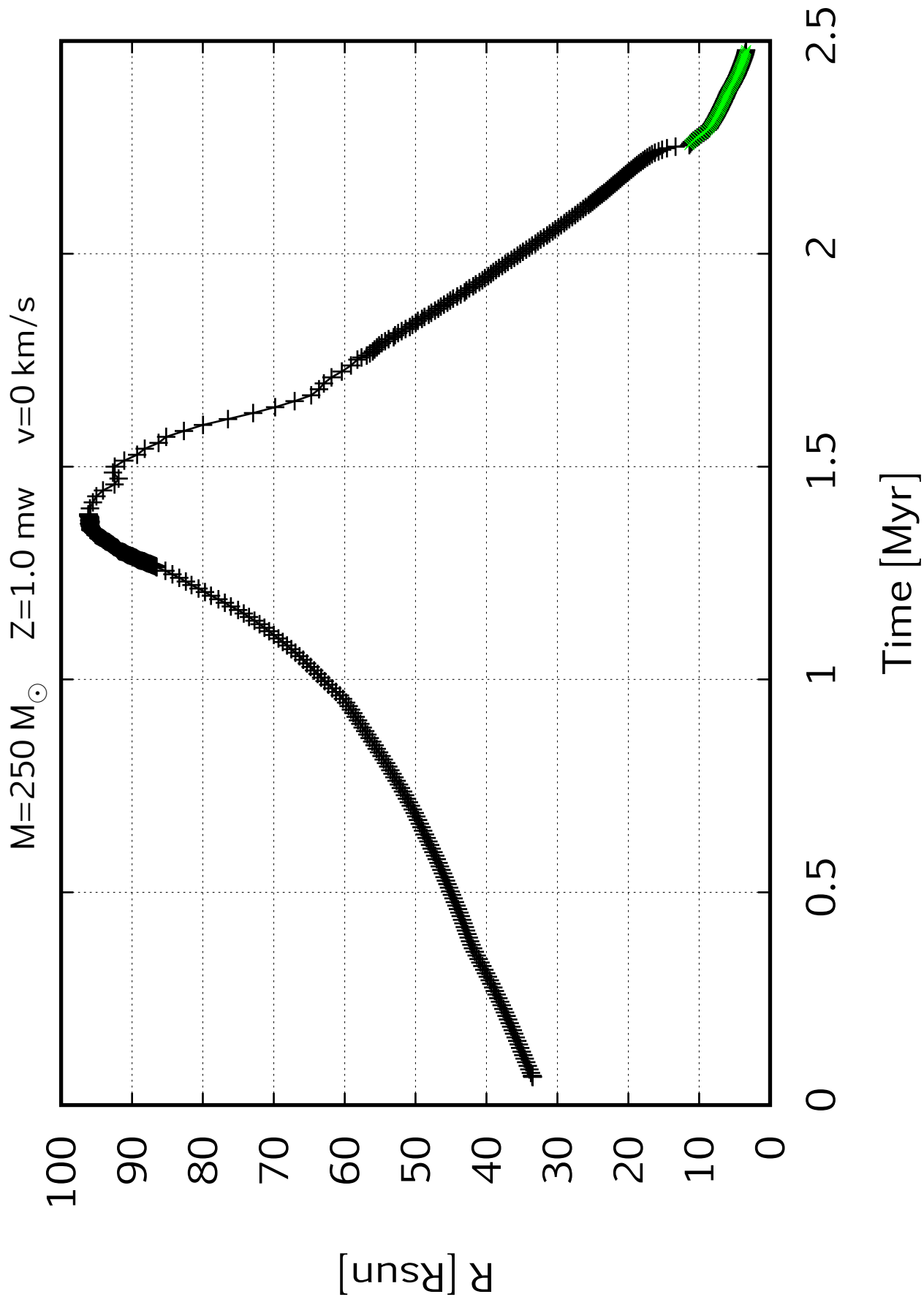
2

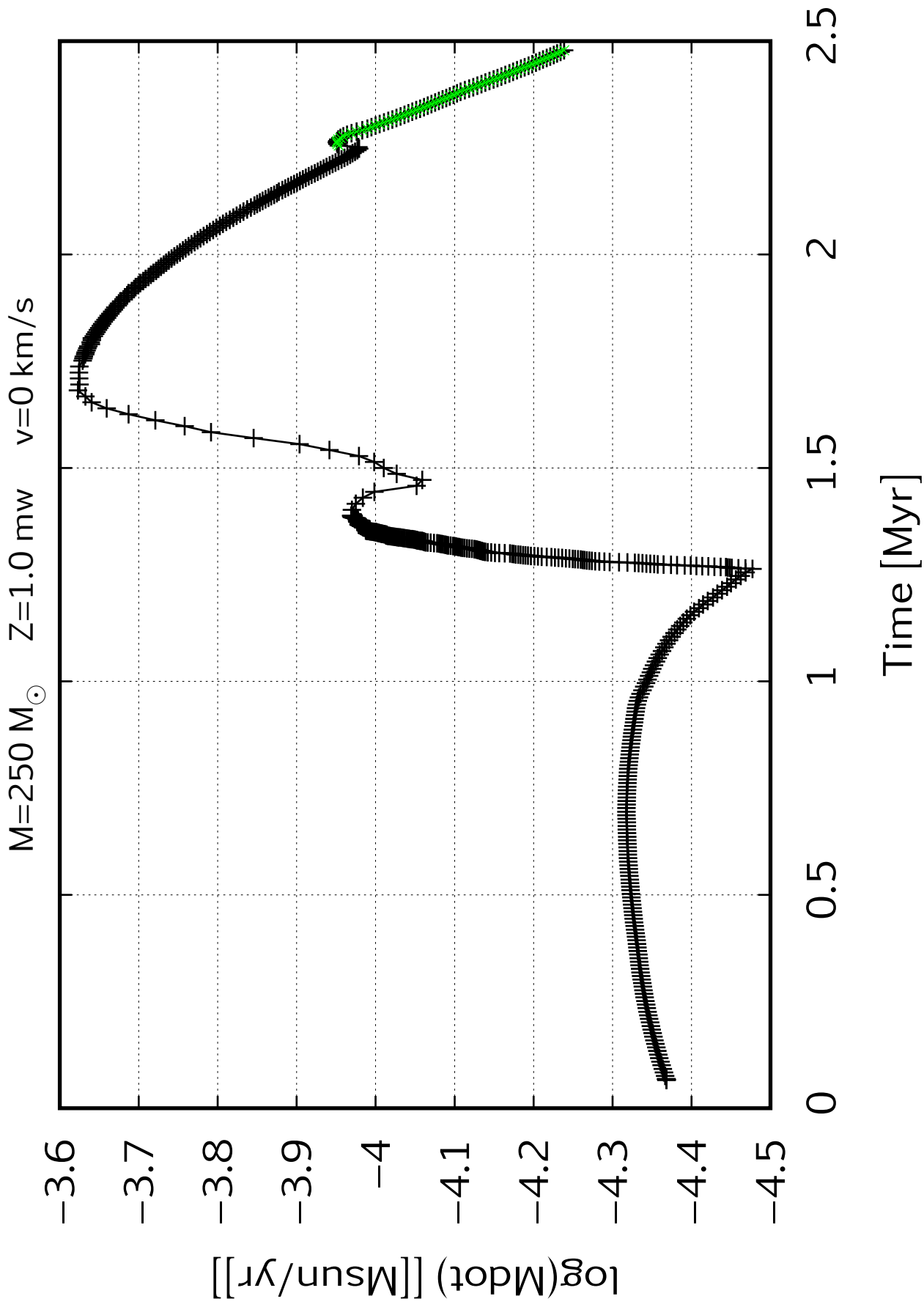
2.5

Time [Myr]

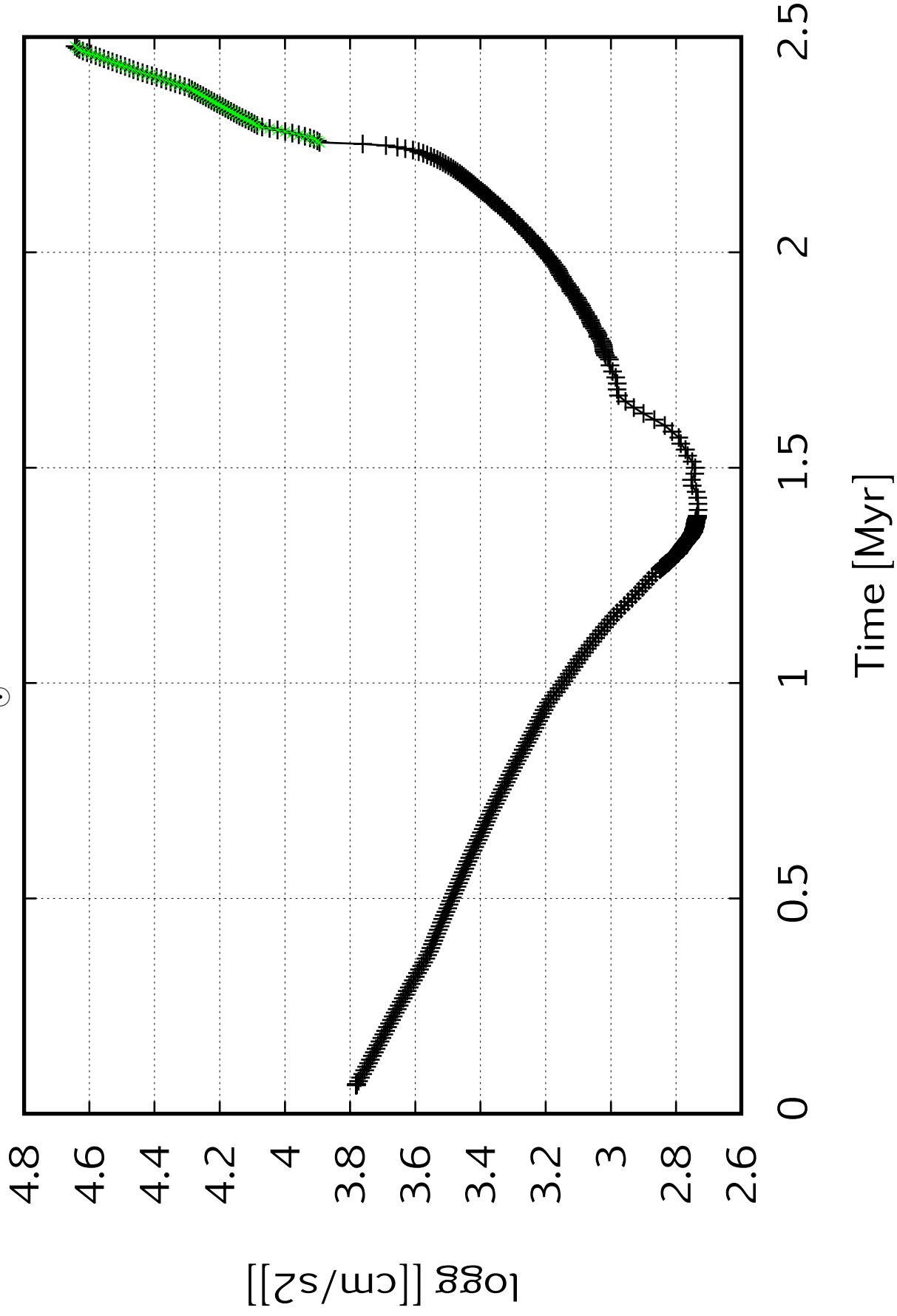


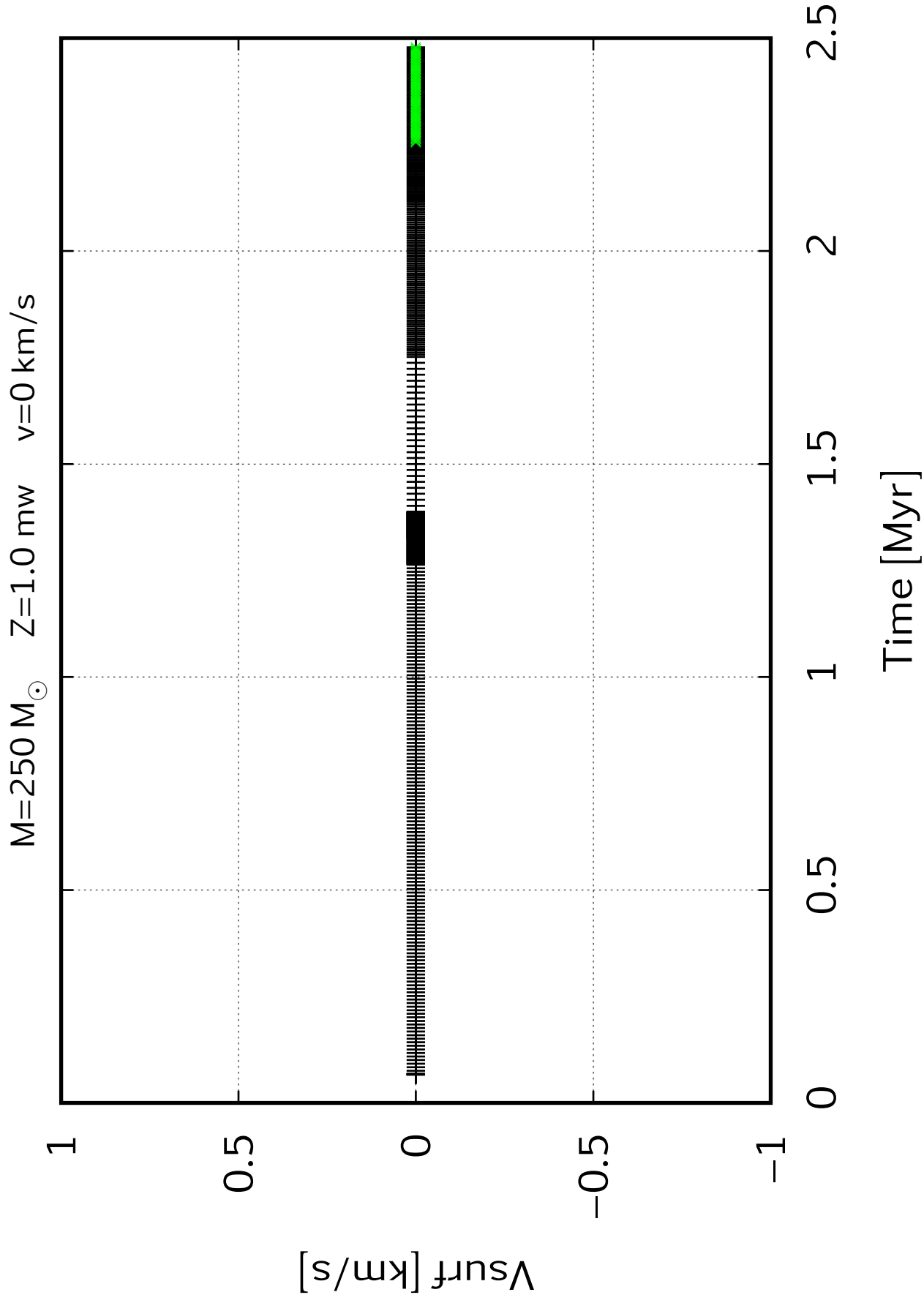




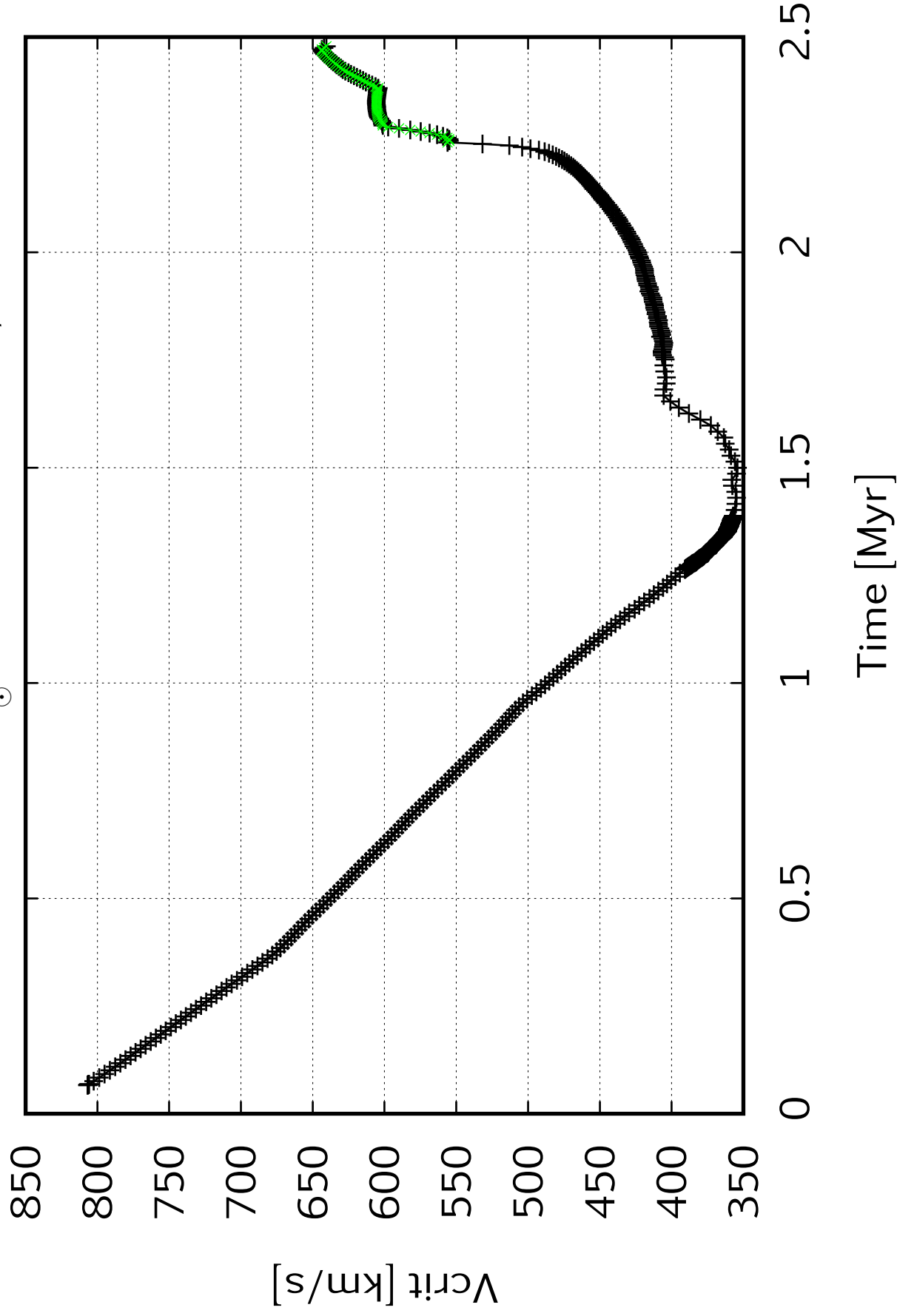


$M=250\,M_{\odot}$ $Z=1.0\,\text{mw}$ $v=0\,\text{km/s}$

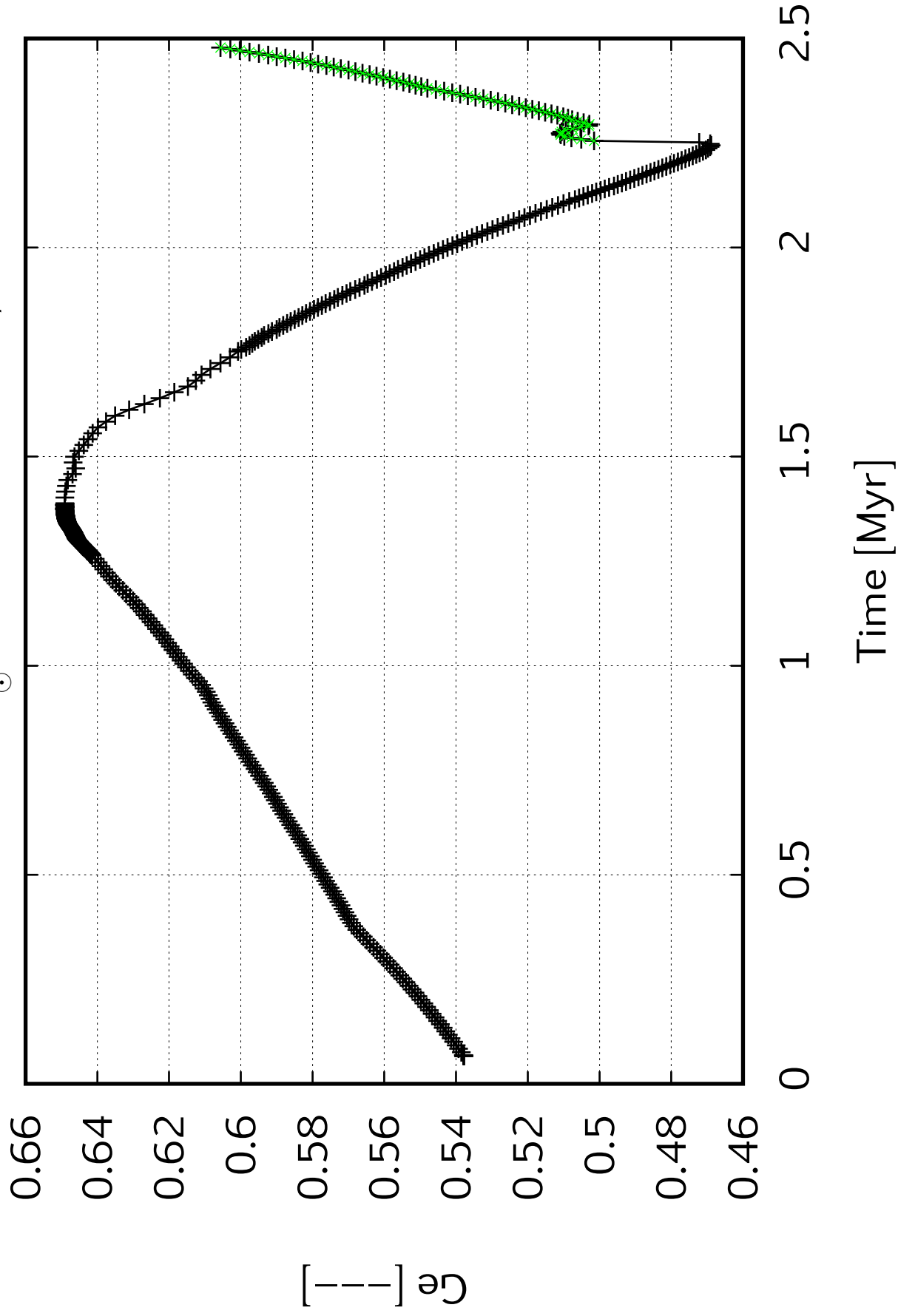


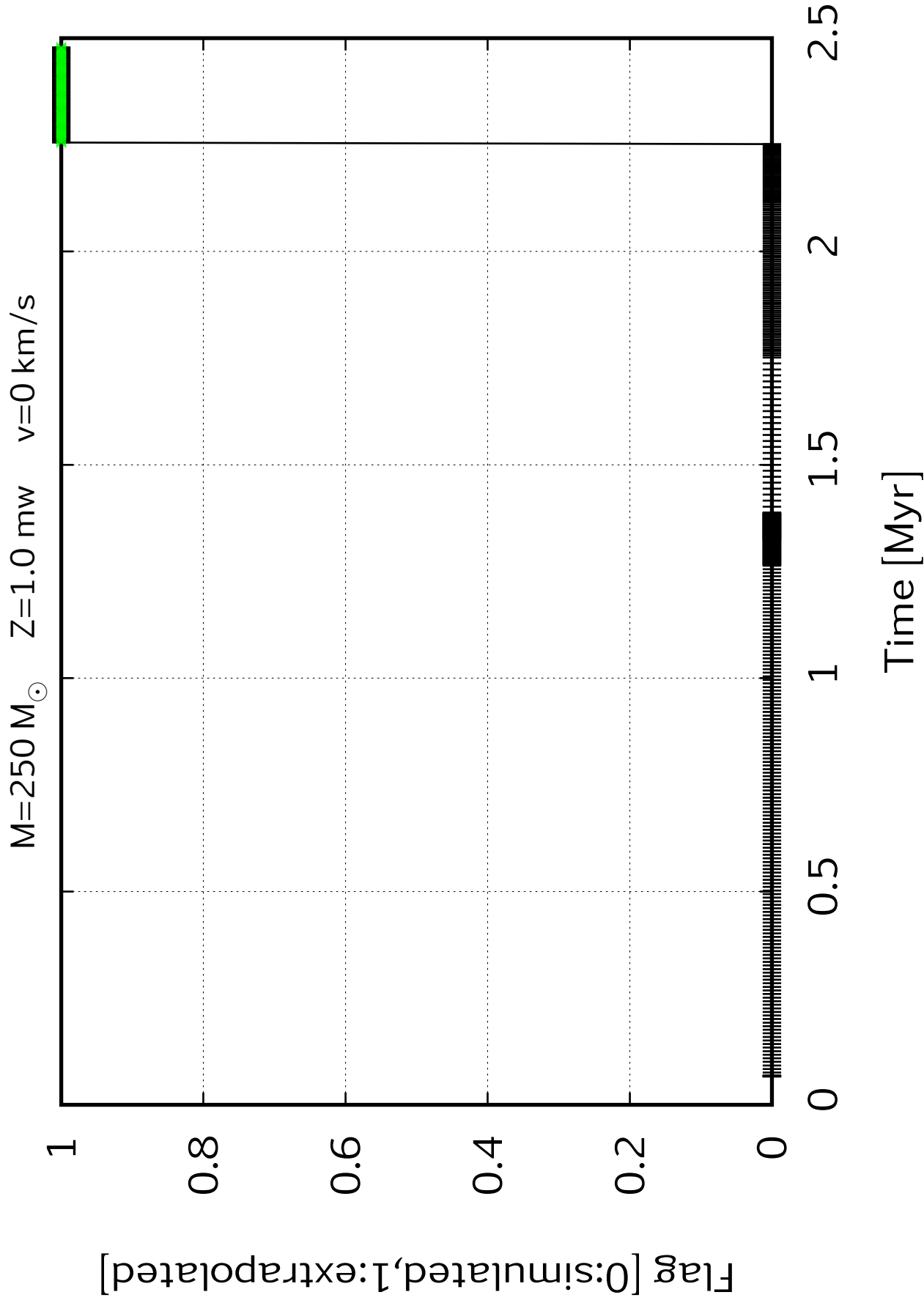


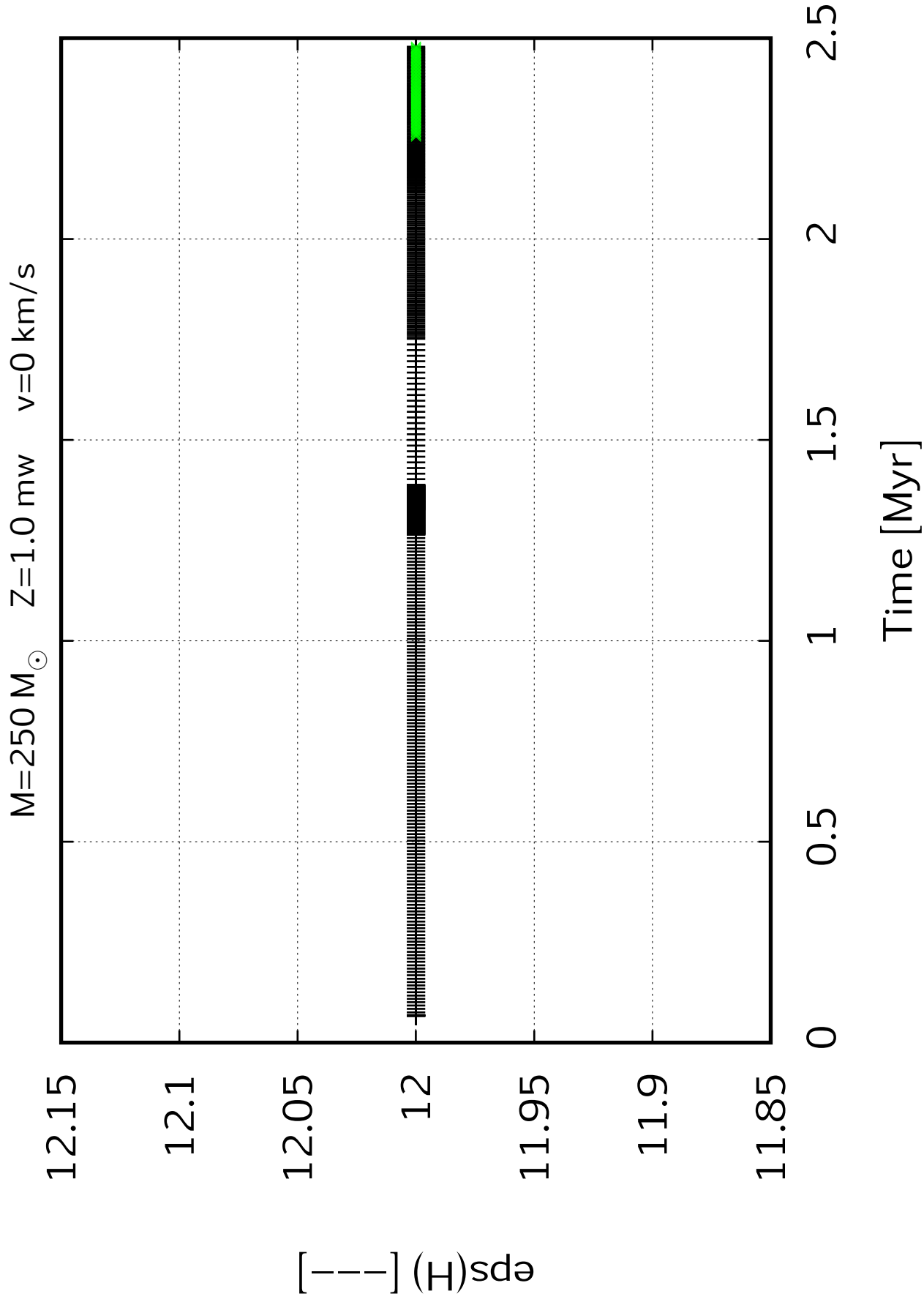
$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s



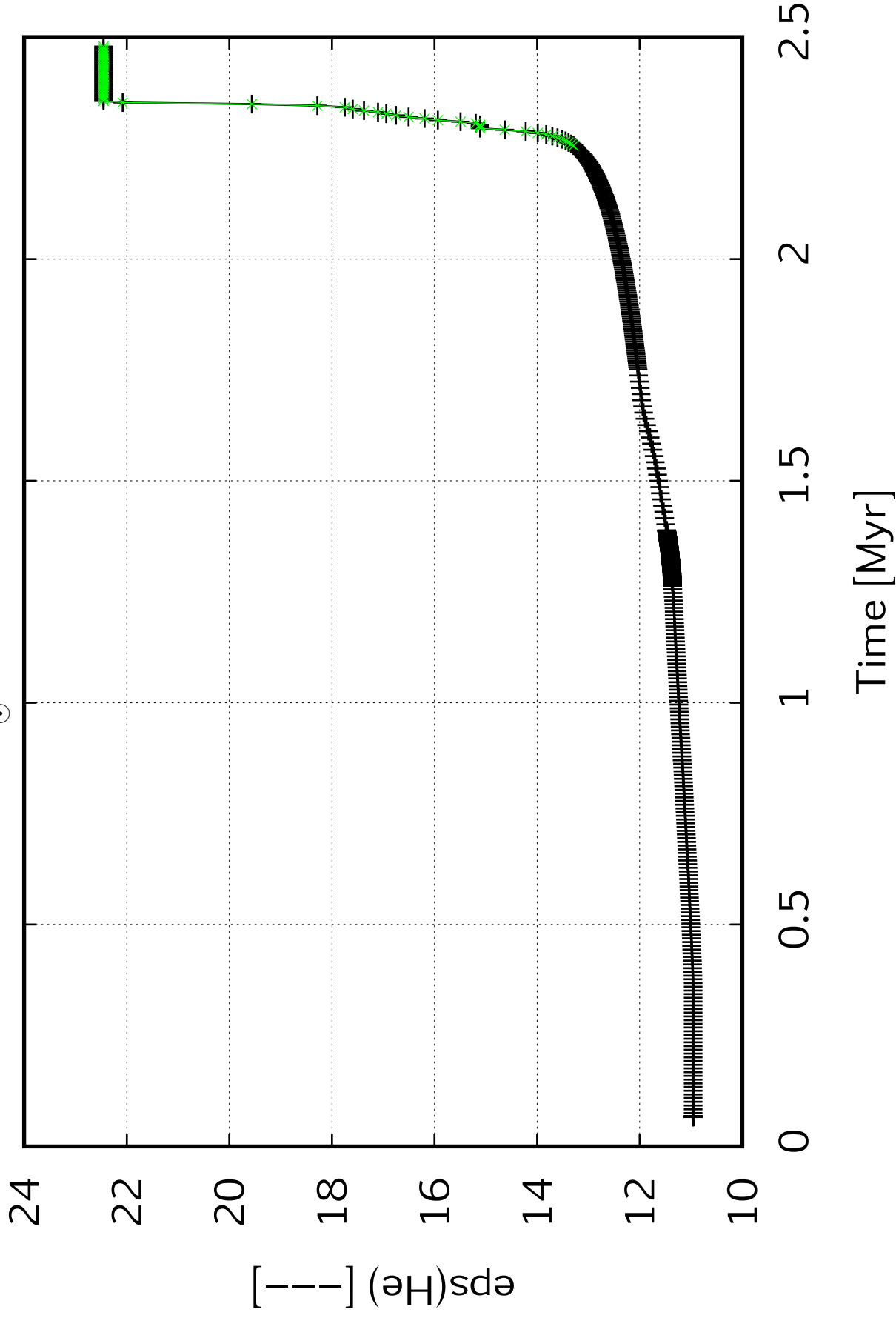
$M=250\,M_{\odot}$ $Z=1.0\,\text{m}\omega$ $v=0\,\text{km/s}$



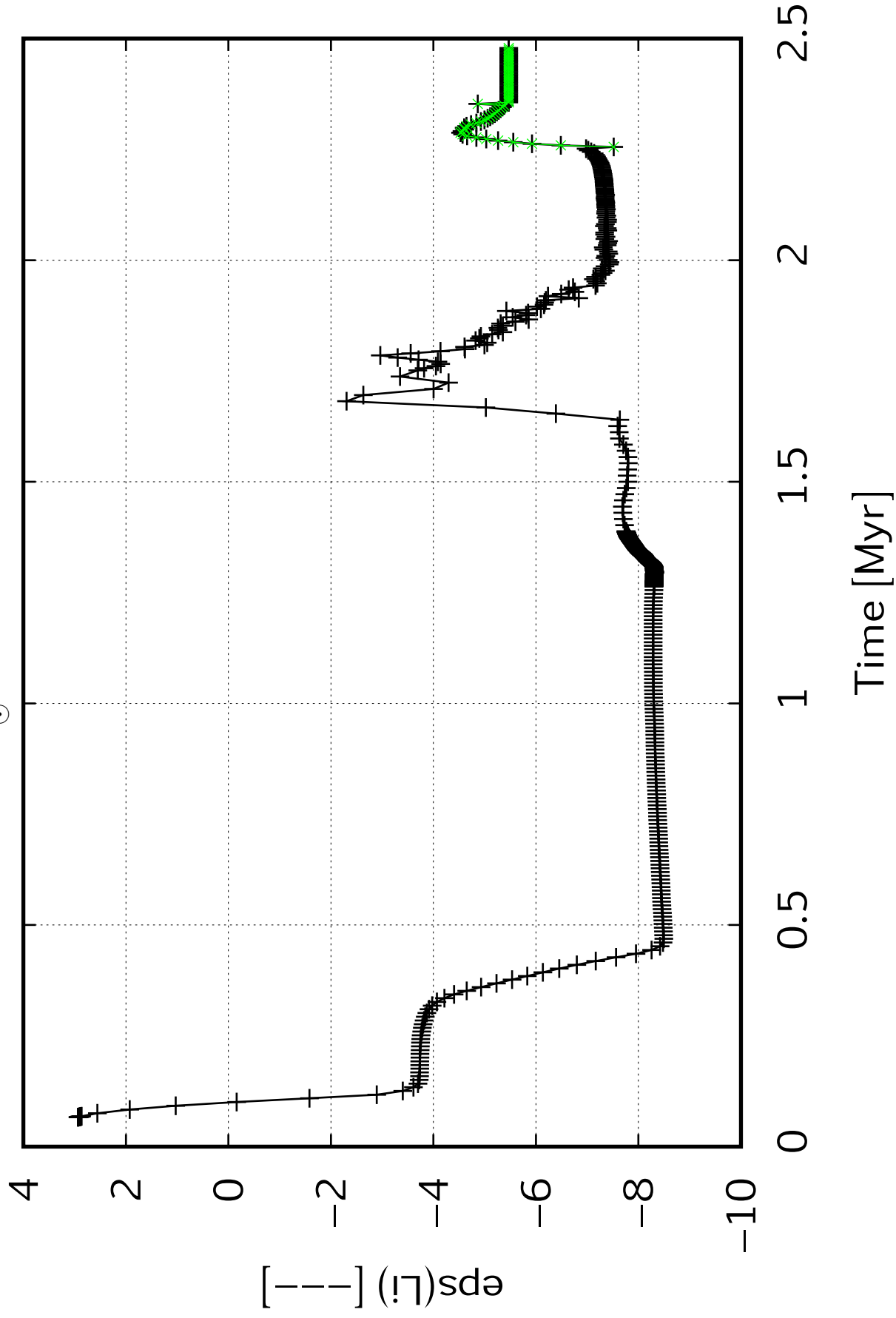




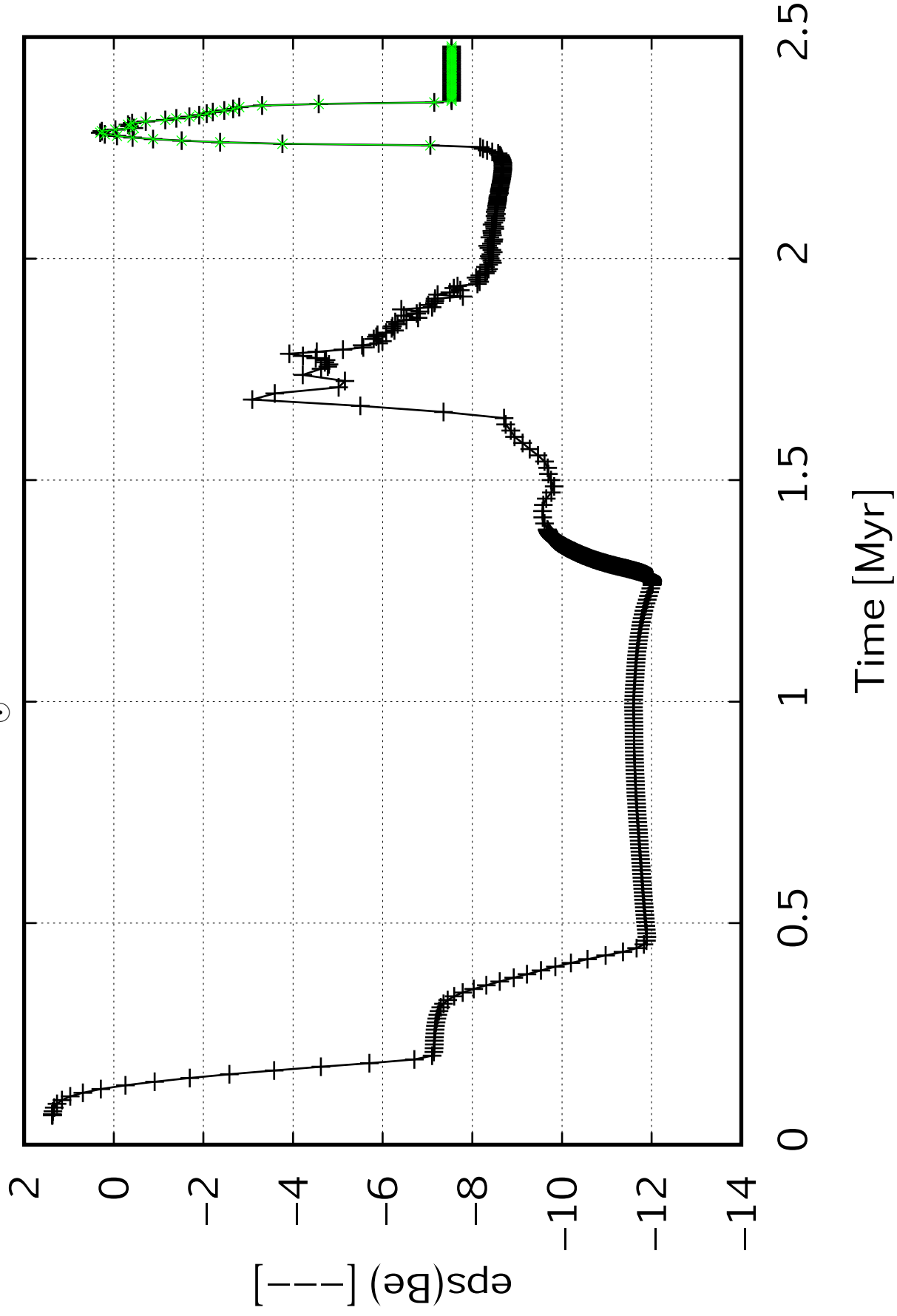
$M=250\,M_{\odot}$ $Z=1.0\,\text{mw}$ $v=0\,\text{km/s}$



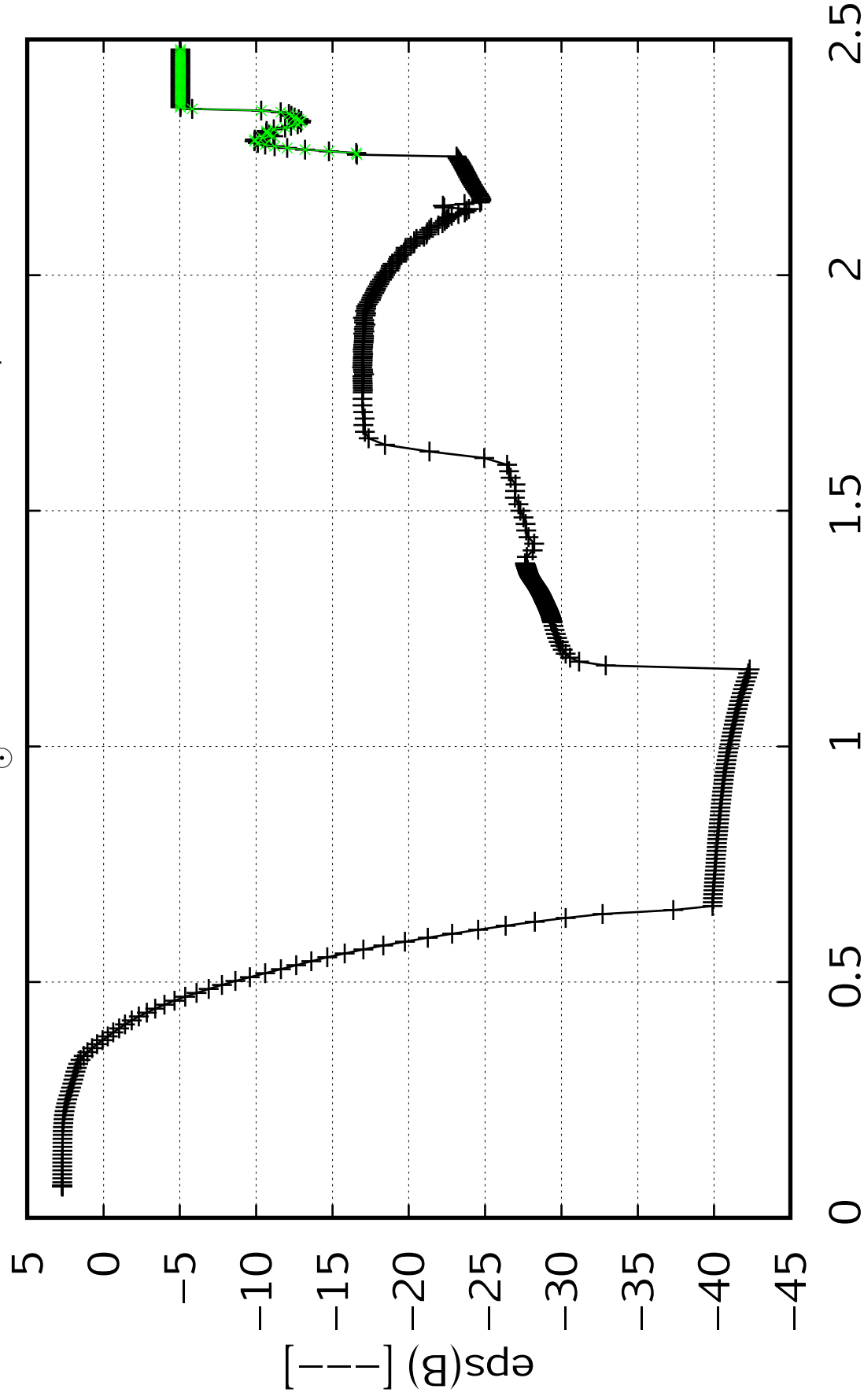
$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s



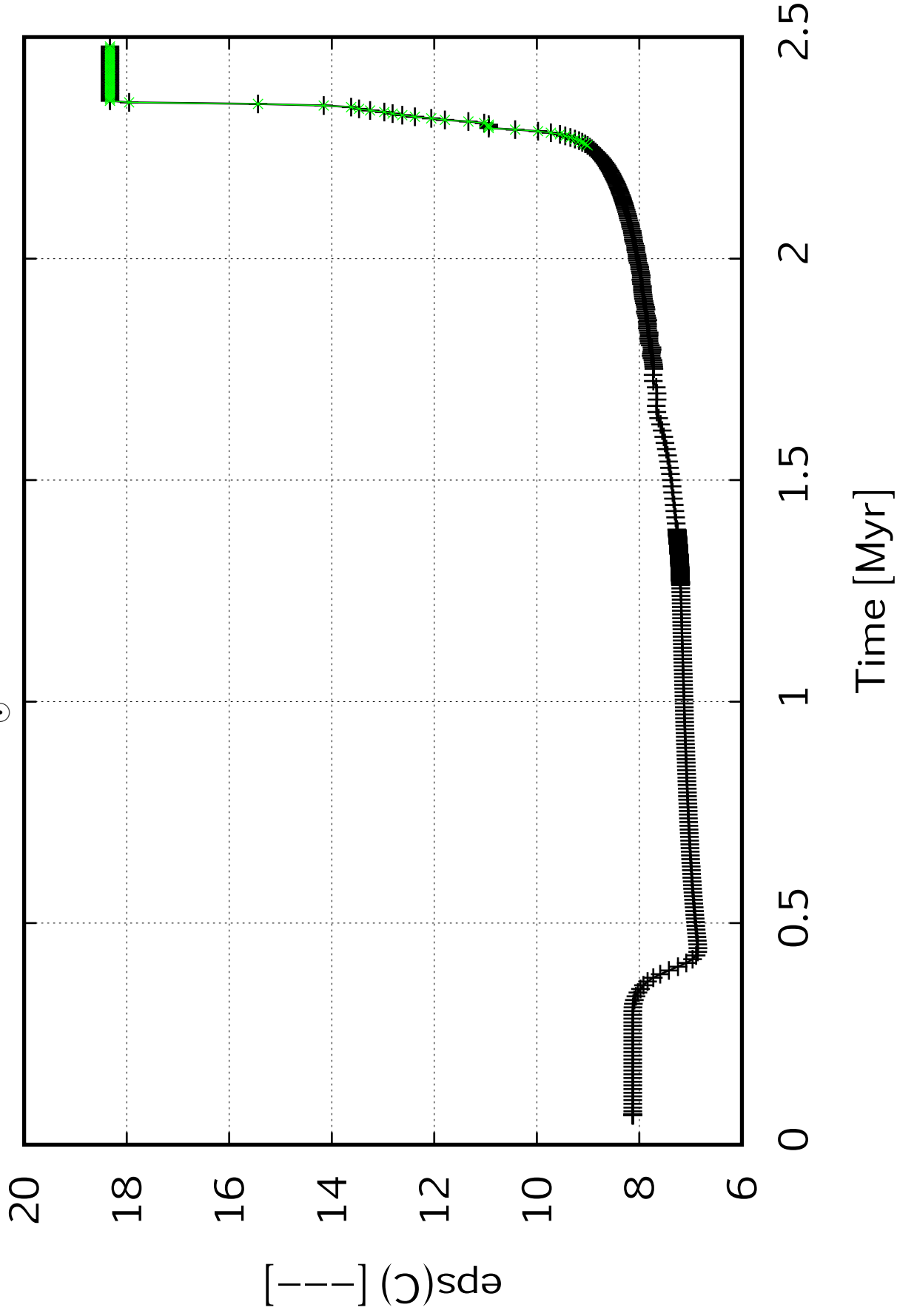
$M=250\,M_{\odot}$ $Z=1.0\,\text{mw}$ $v=0\,\text{km/s}$

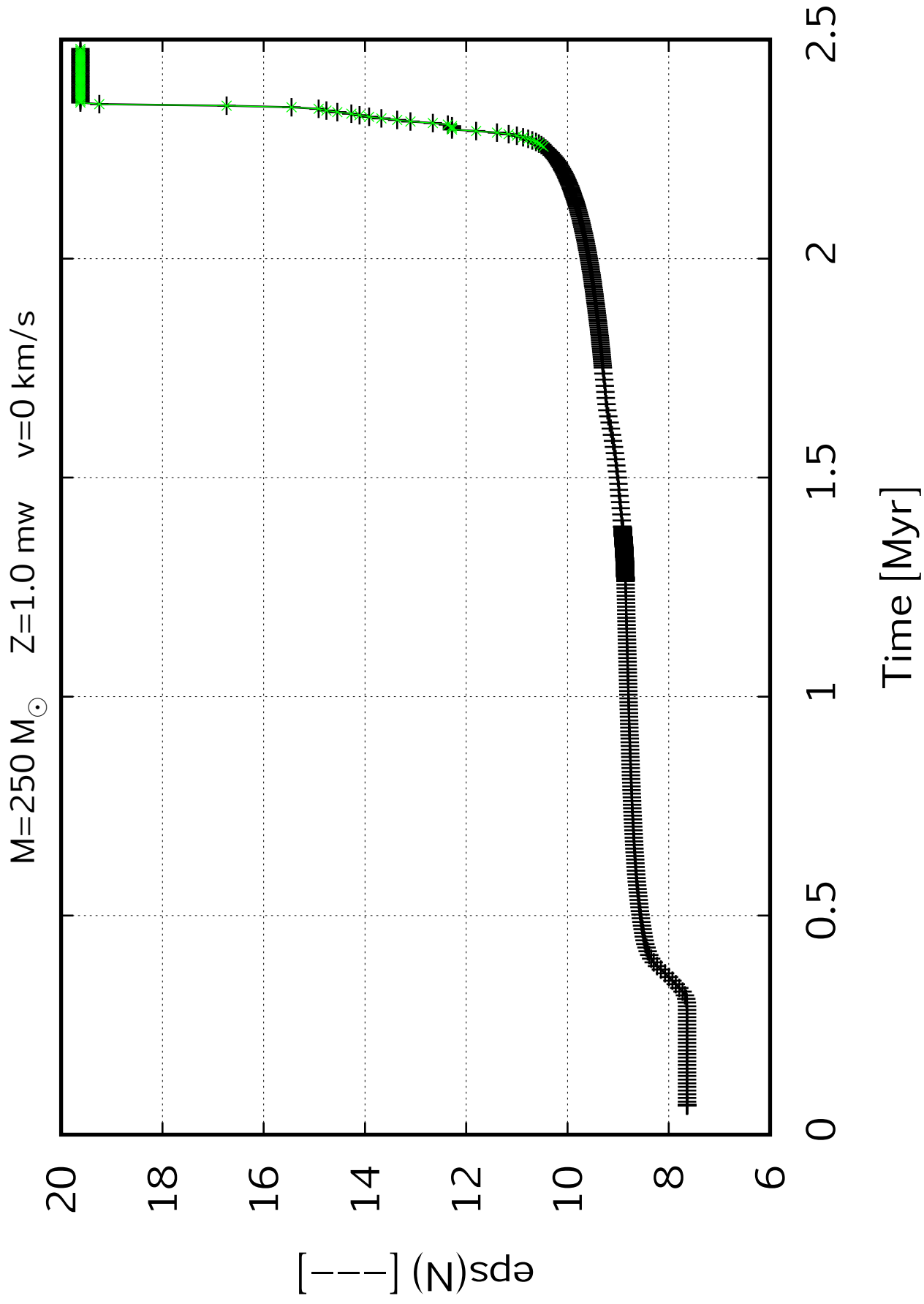


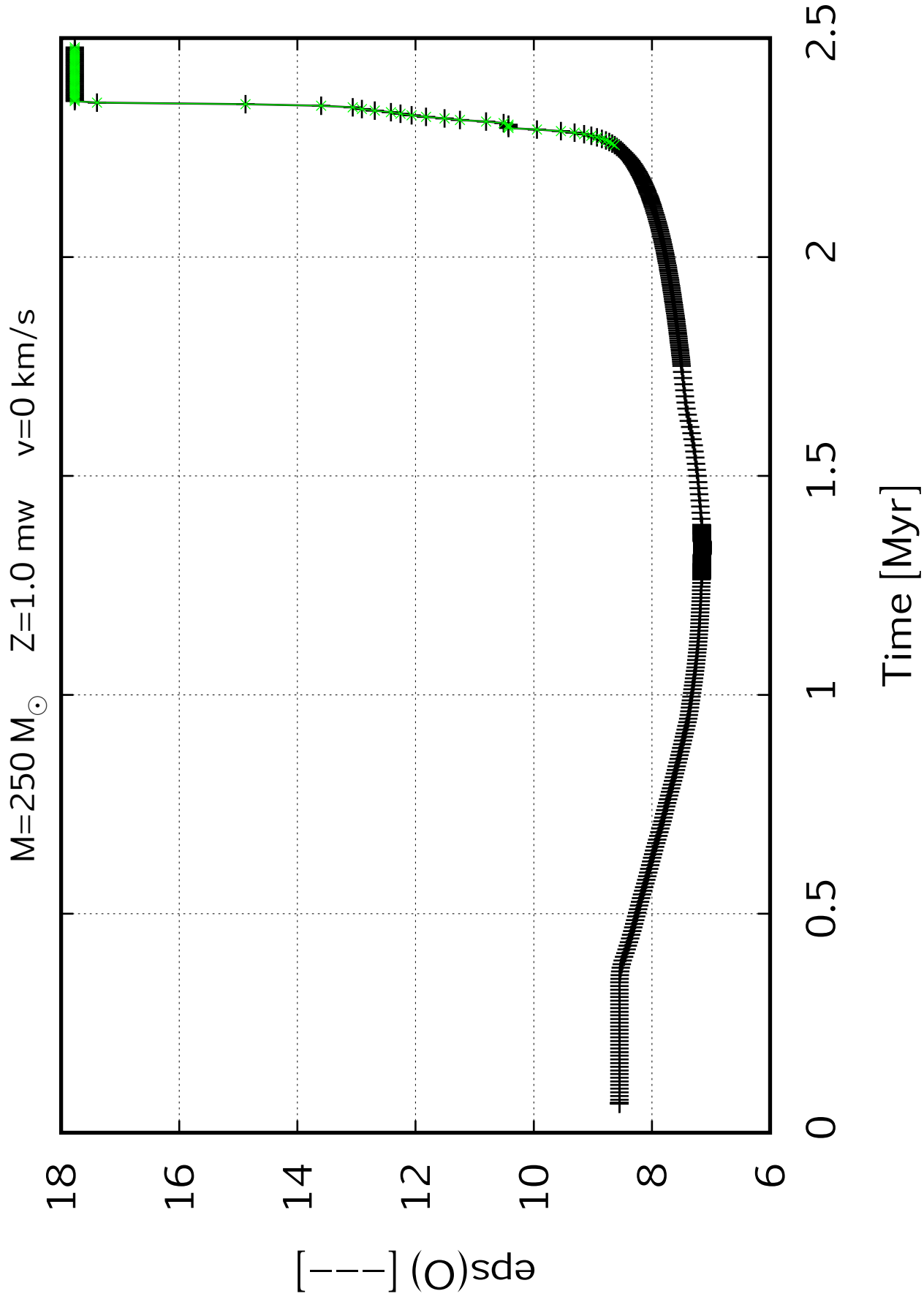
$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s



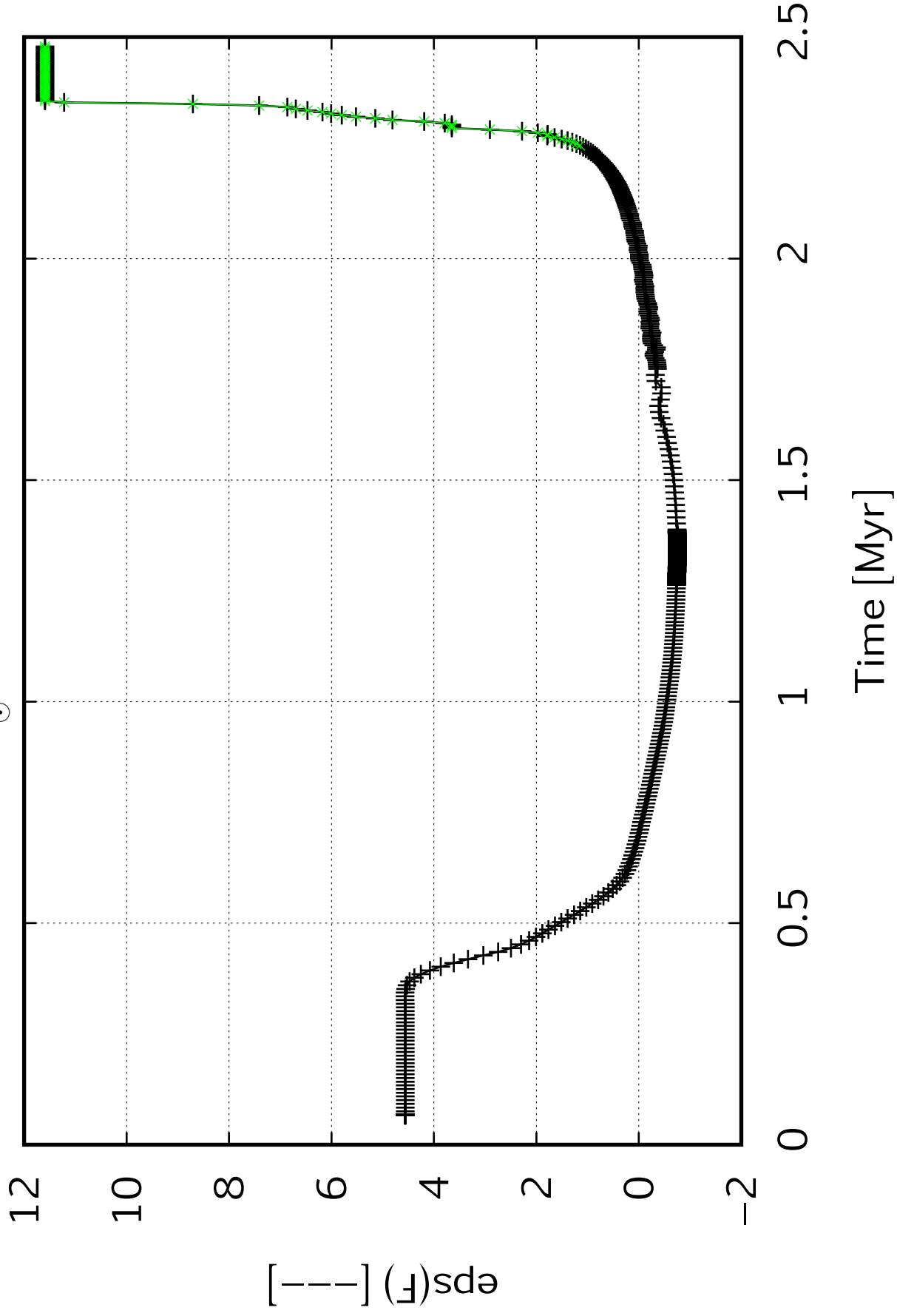
$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

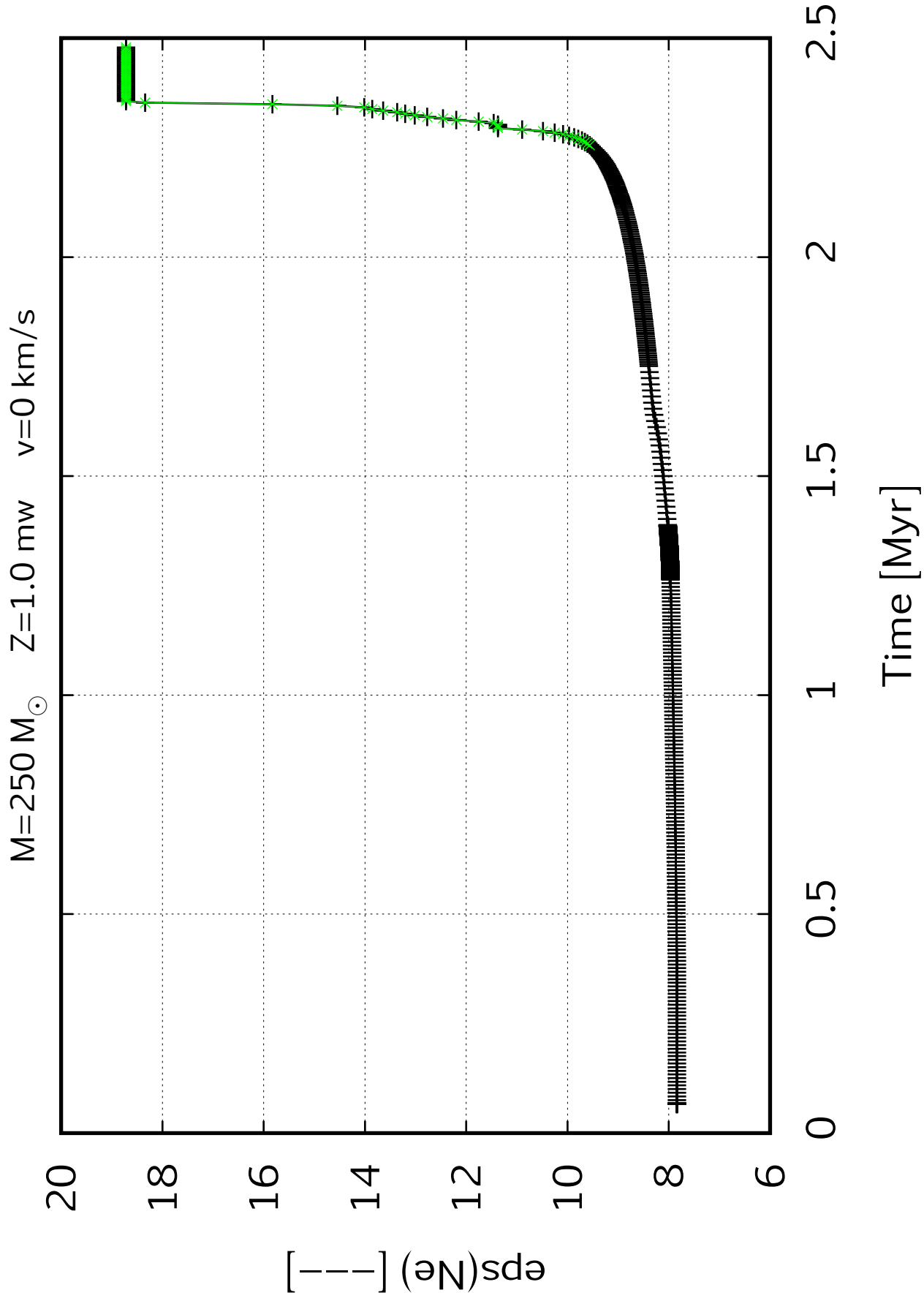


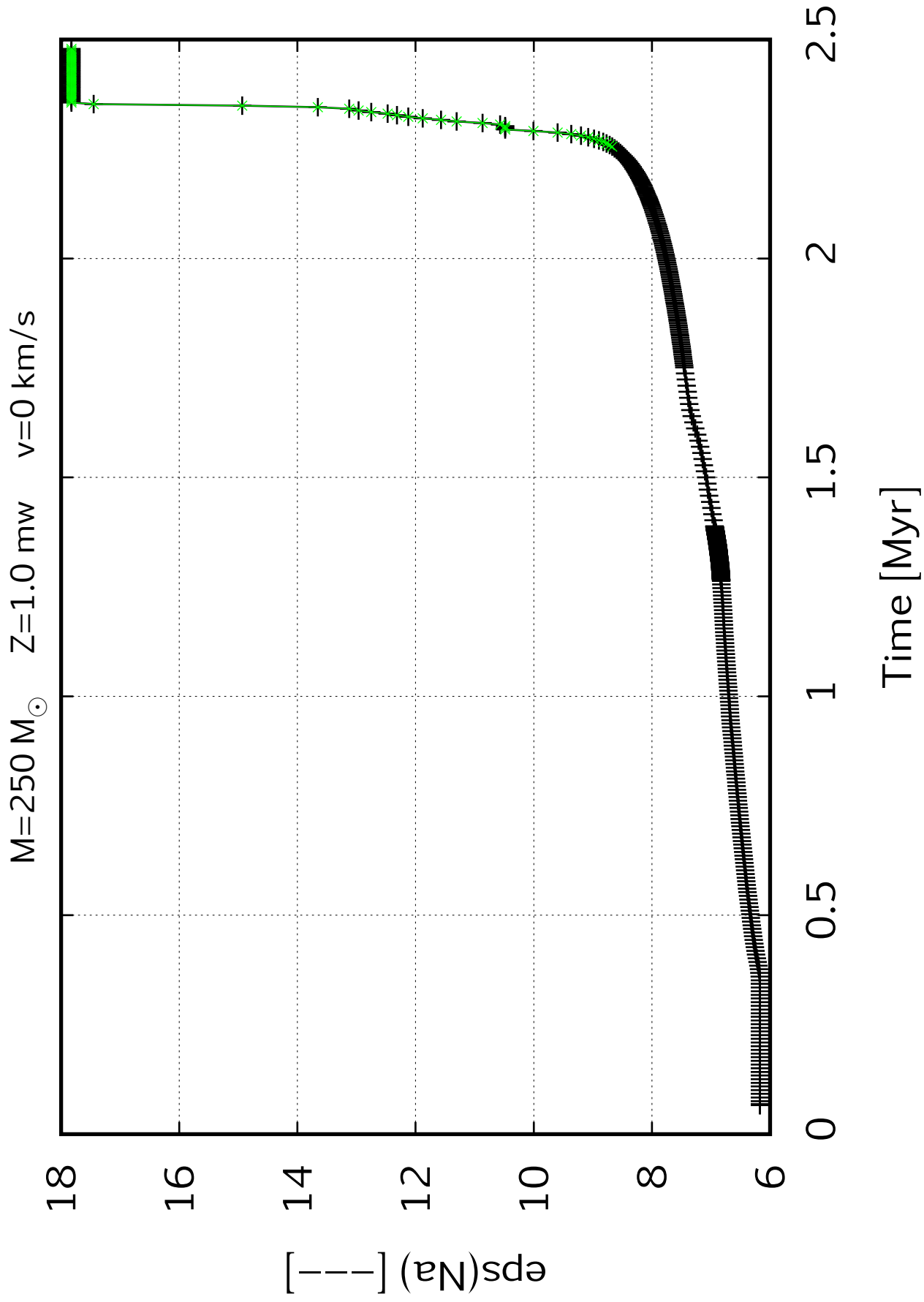




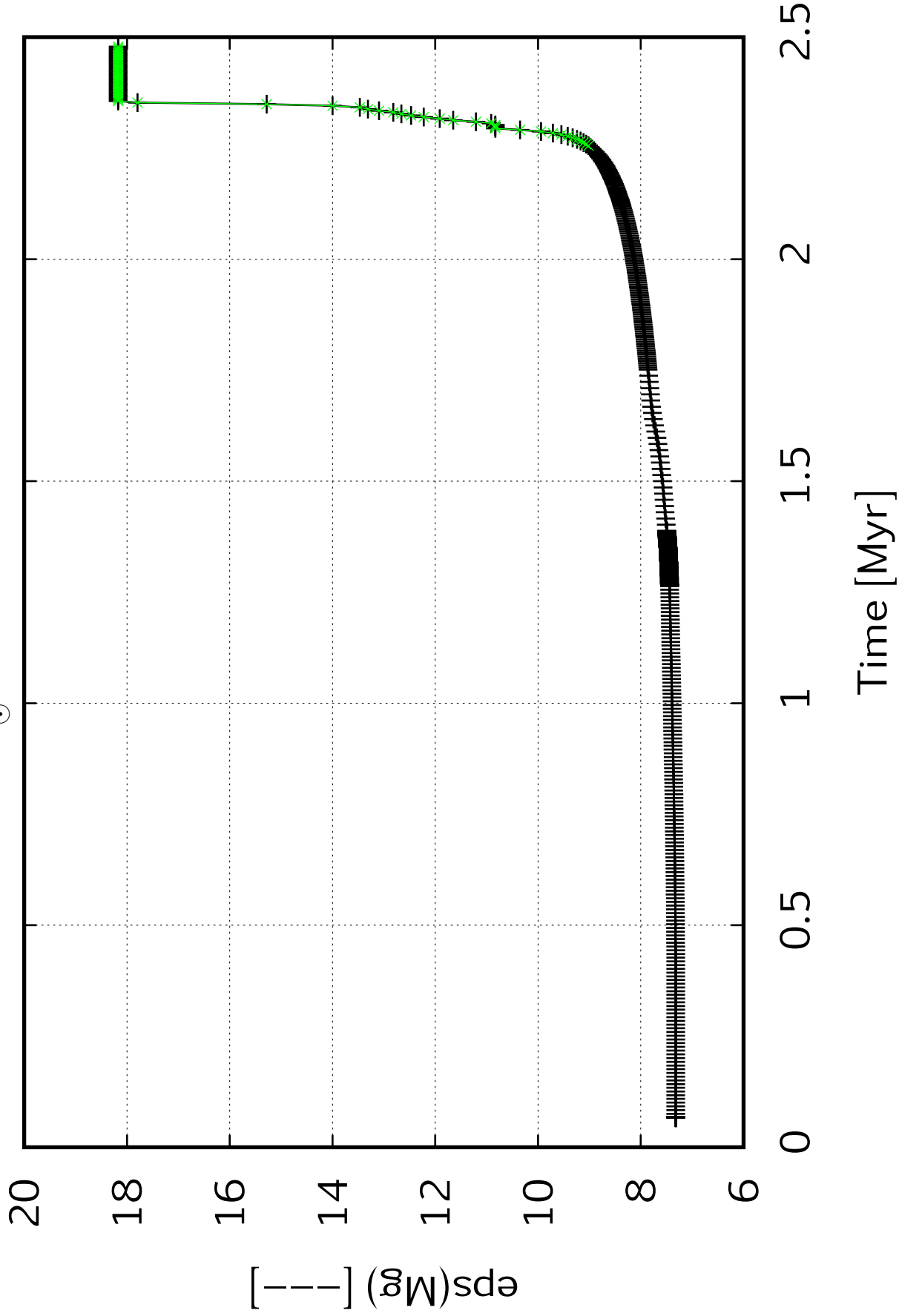
$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

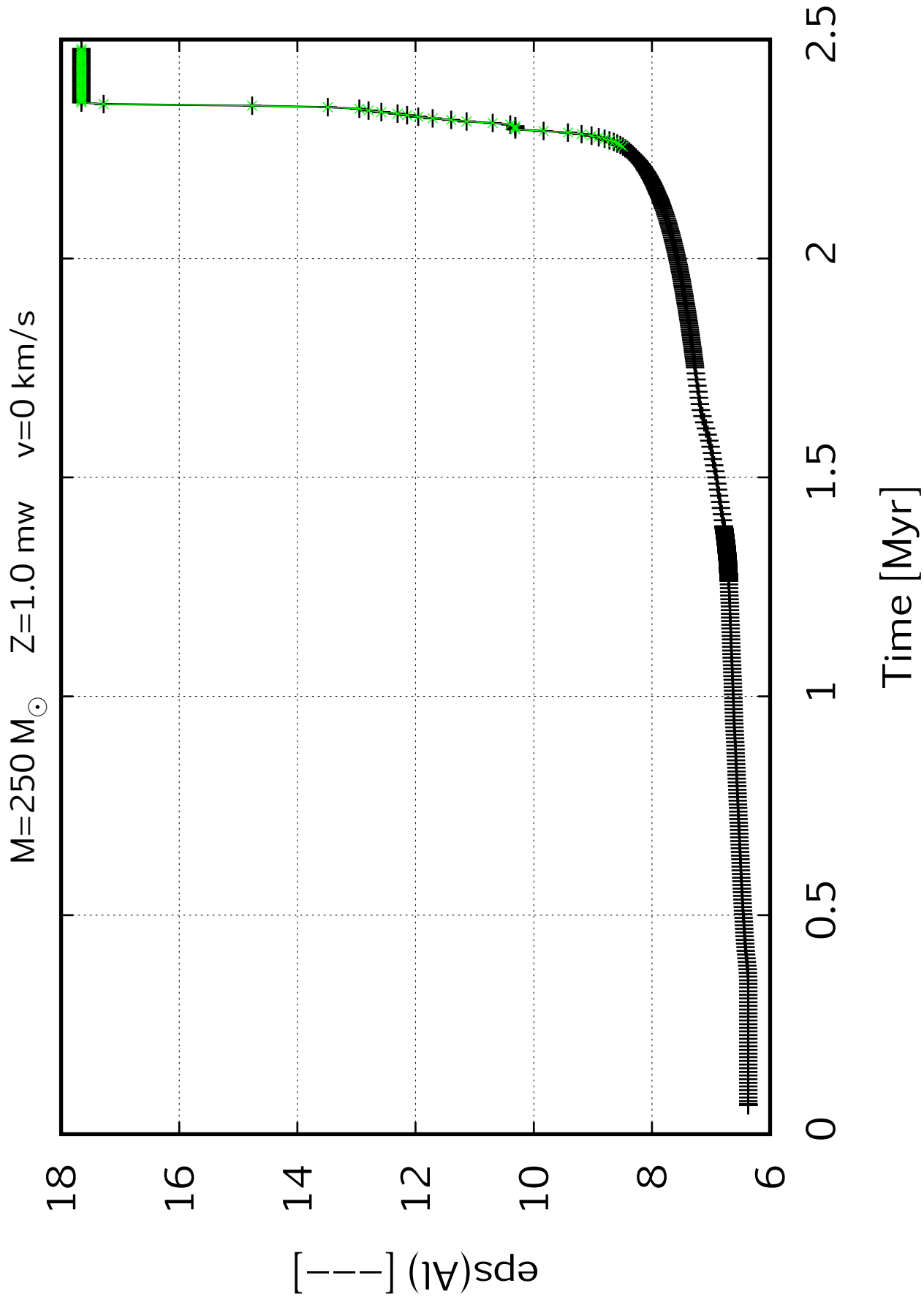


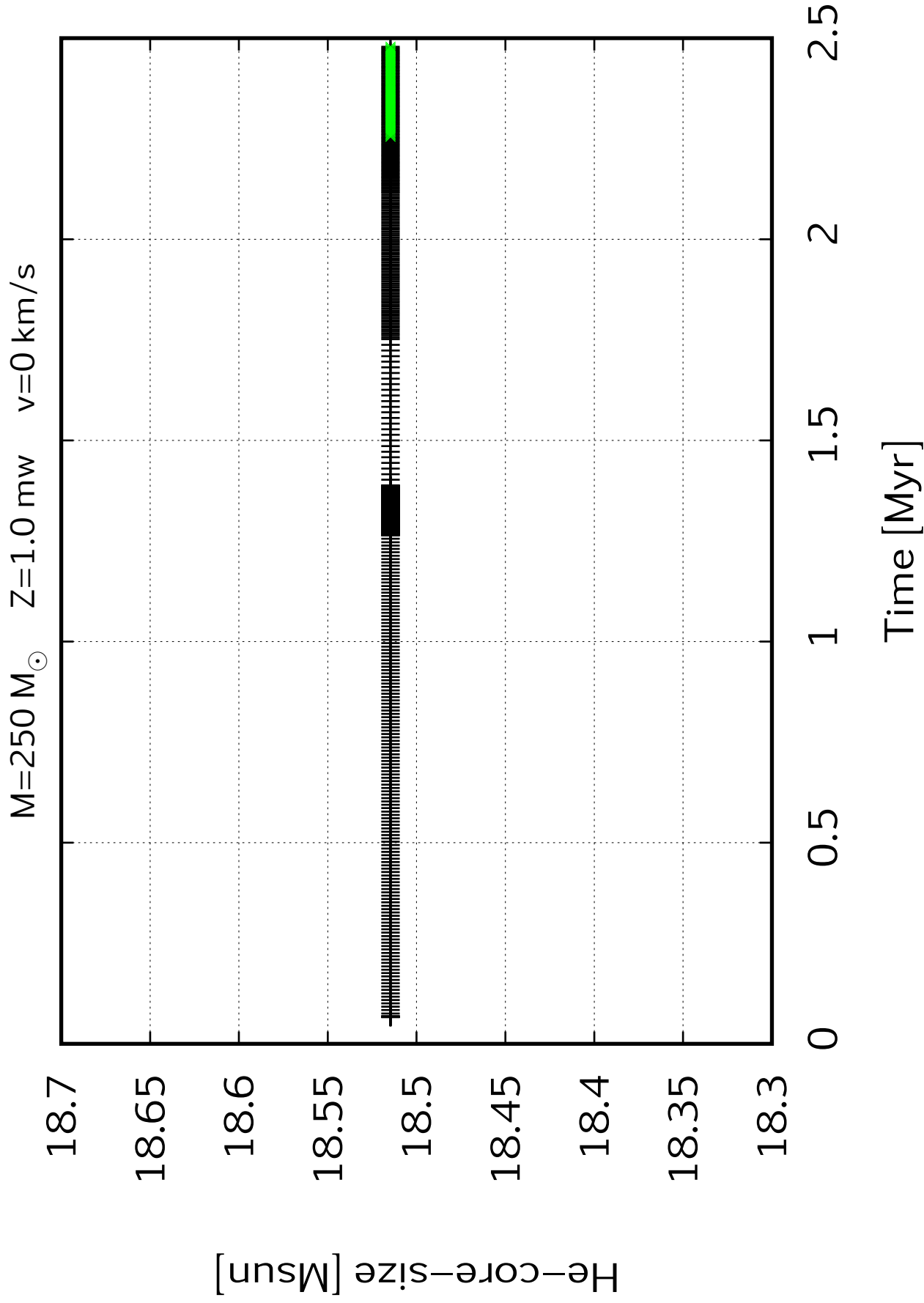


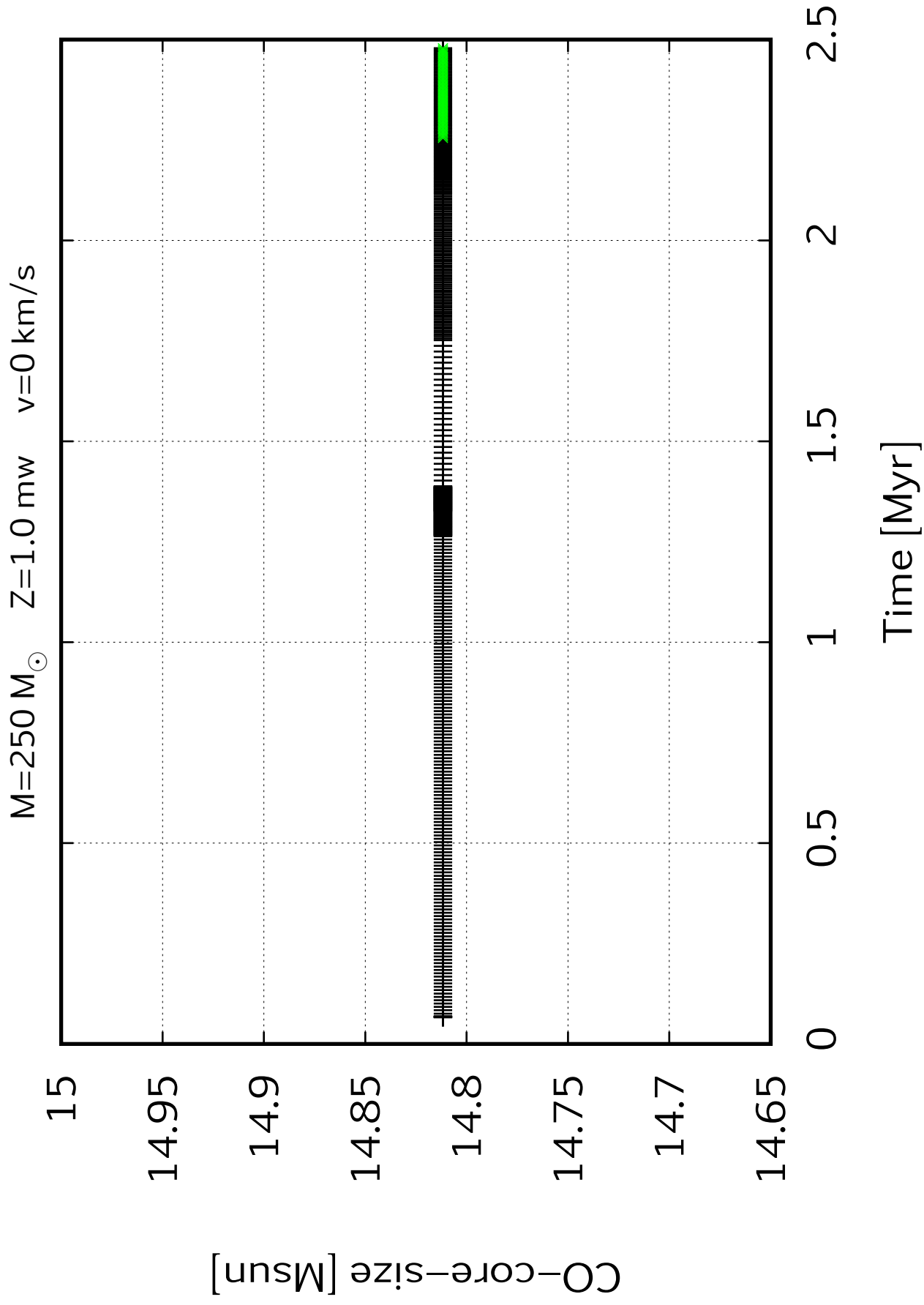


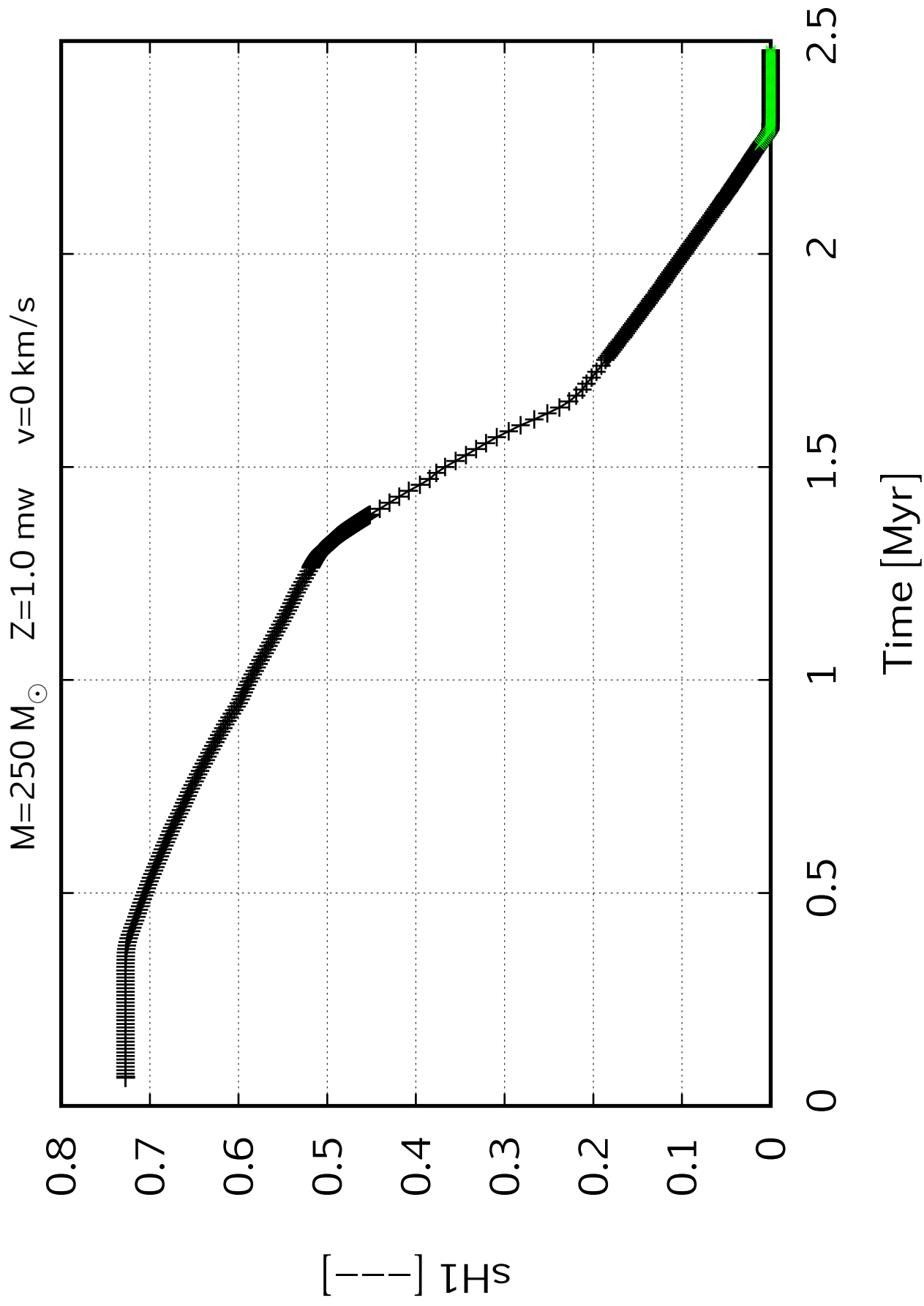
$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s



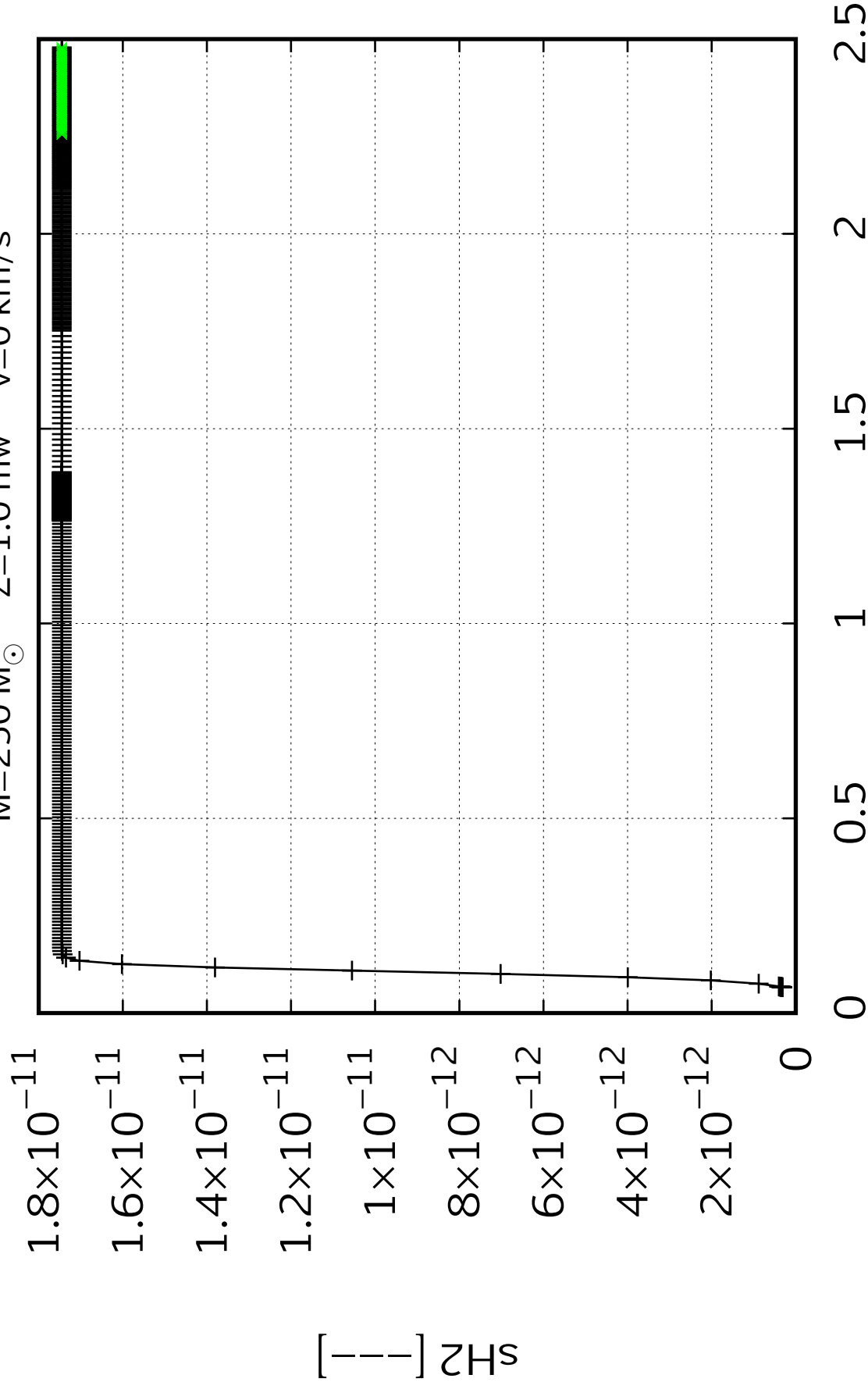




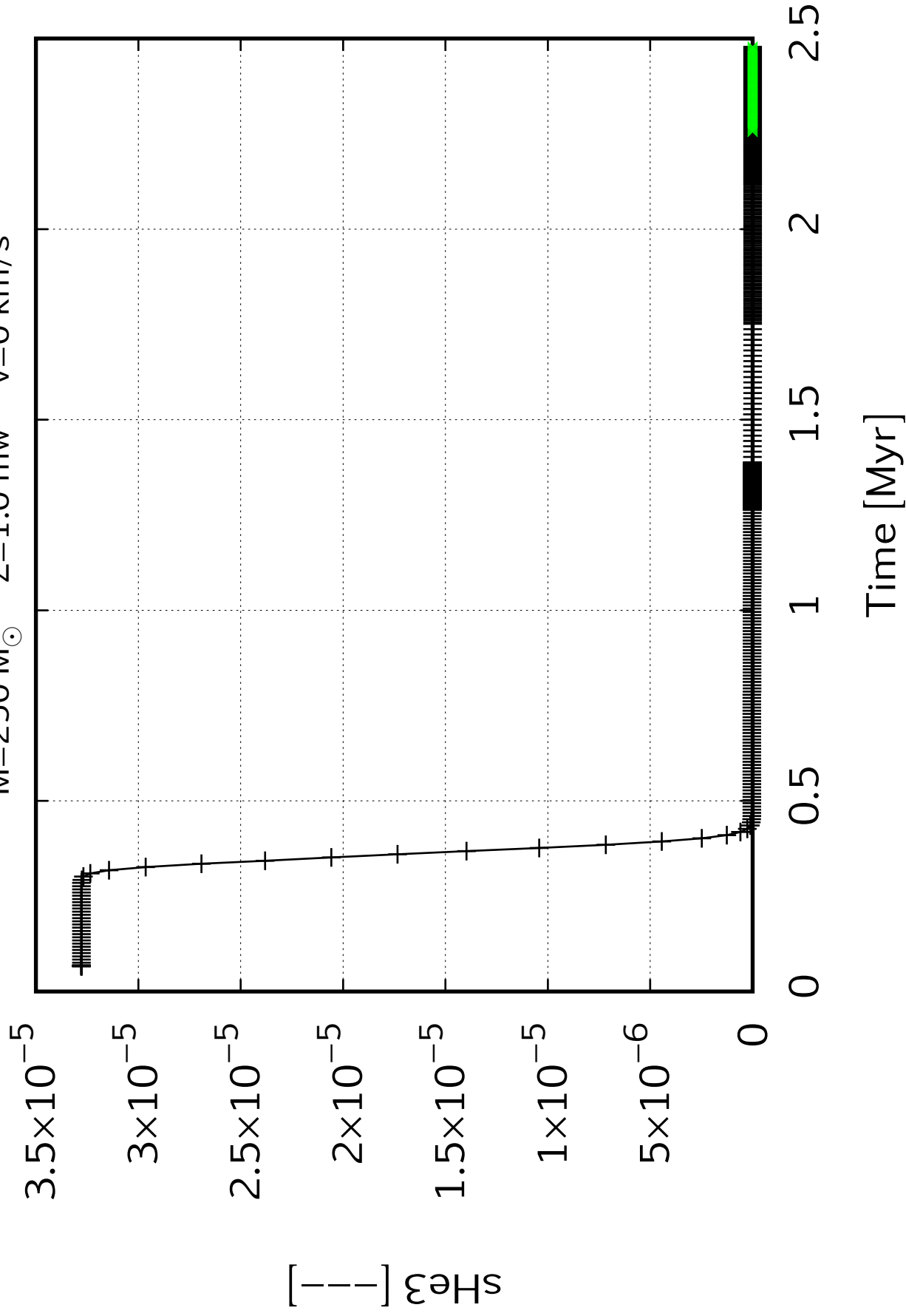


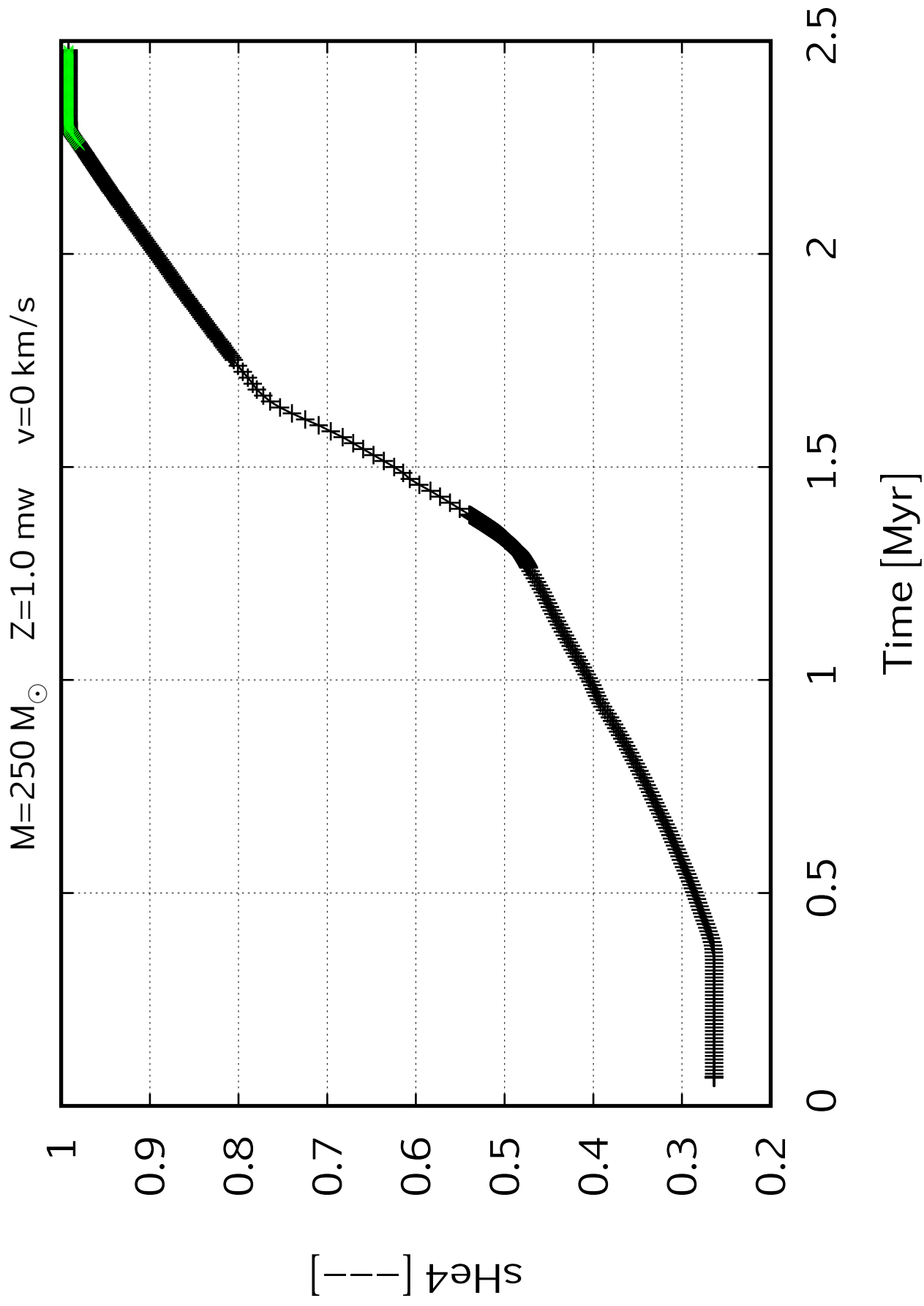


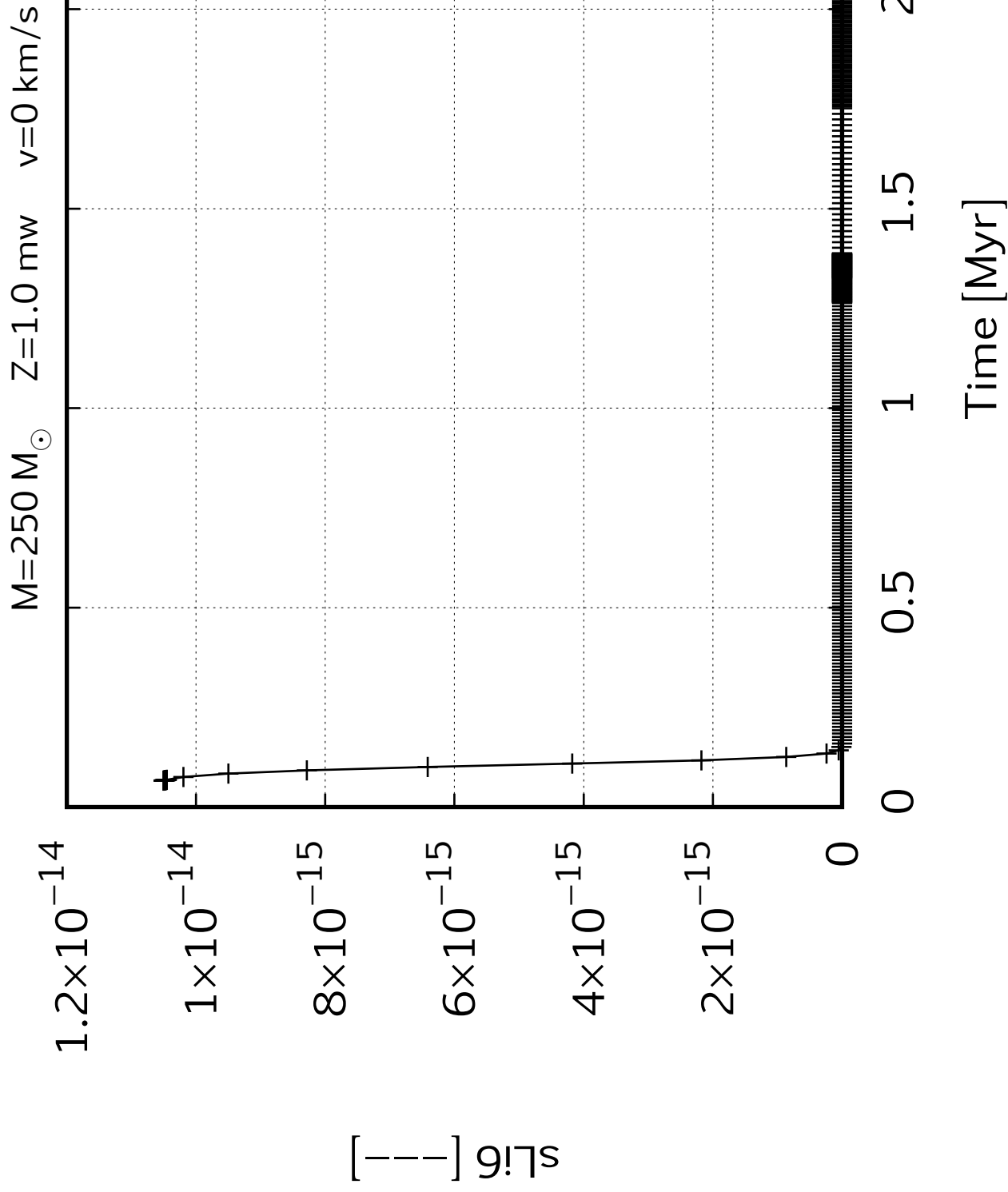
$M=250\,M_{\odot}$ $Z=1.0\,\text{mw}$ $v=0\,\text{km/s}$



$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s







$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

$[\text{Li}]_s$

4.5×10^{-9}

4×10^{-9}

3.5×10^{-9}

3×10^{-9}

2.5×10^{-9}

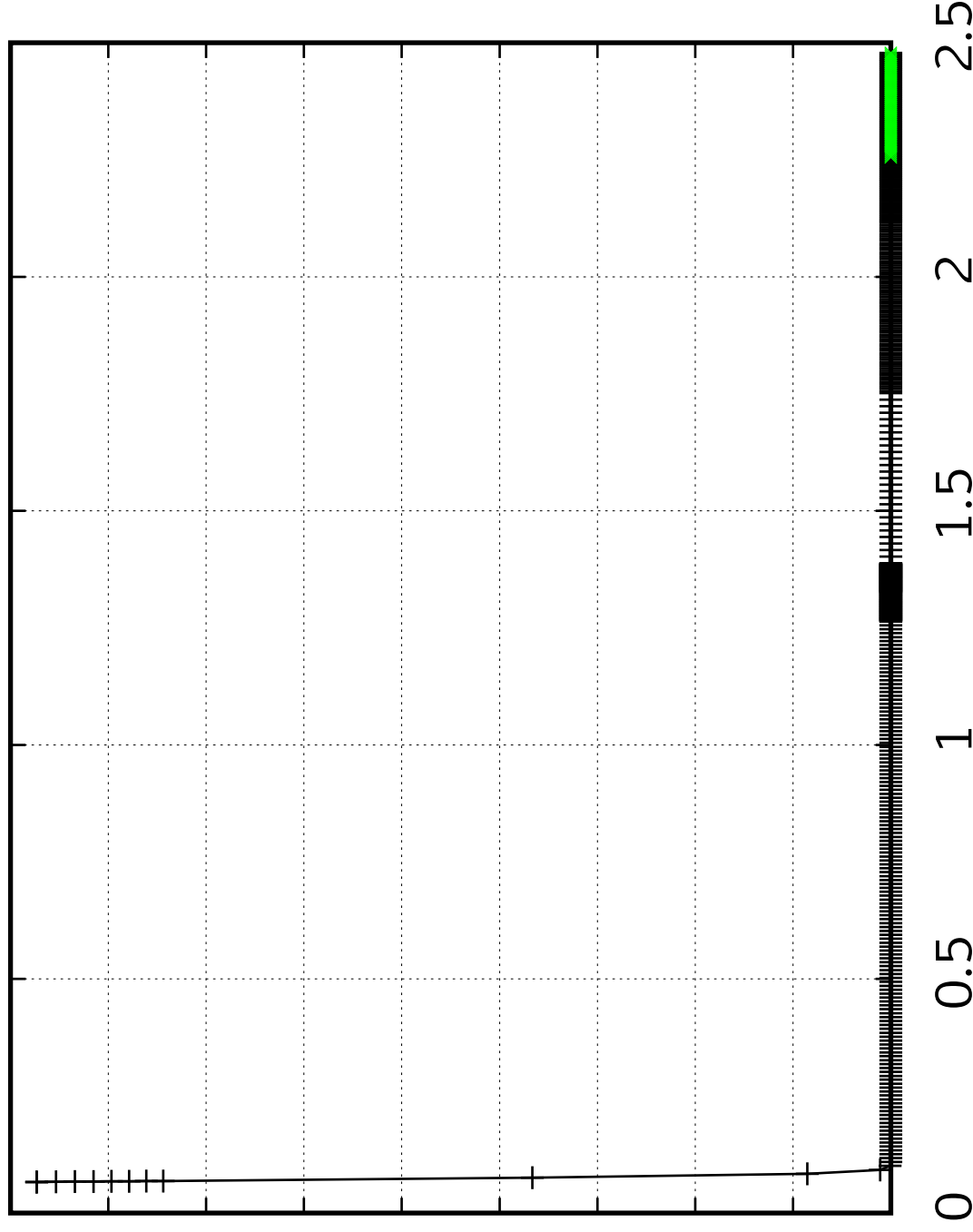
2×10^{-9}

1.5×10^{-9}

1×10^{-9}

5×10^{-10}

0



Time [Myr]

$M=250\,M_{\odot}$ $Z=1.0\,\text{mw}$ $v=0\,\text{km/s}$

4.5×10^{-14}

4×10^{-14}

3.5×10^{-14}

3×10^{-14}

2.5×10^{-14}

2×10^{-14}

1.5×10^{-14}

1×10^{-14}

5×10^{-15}

0

^{7}Be [s]

0

0.5

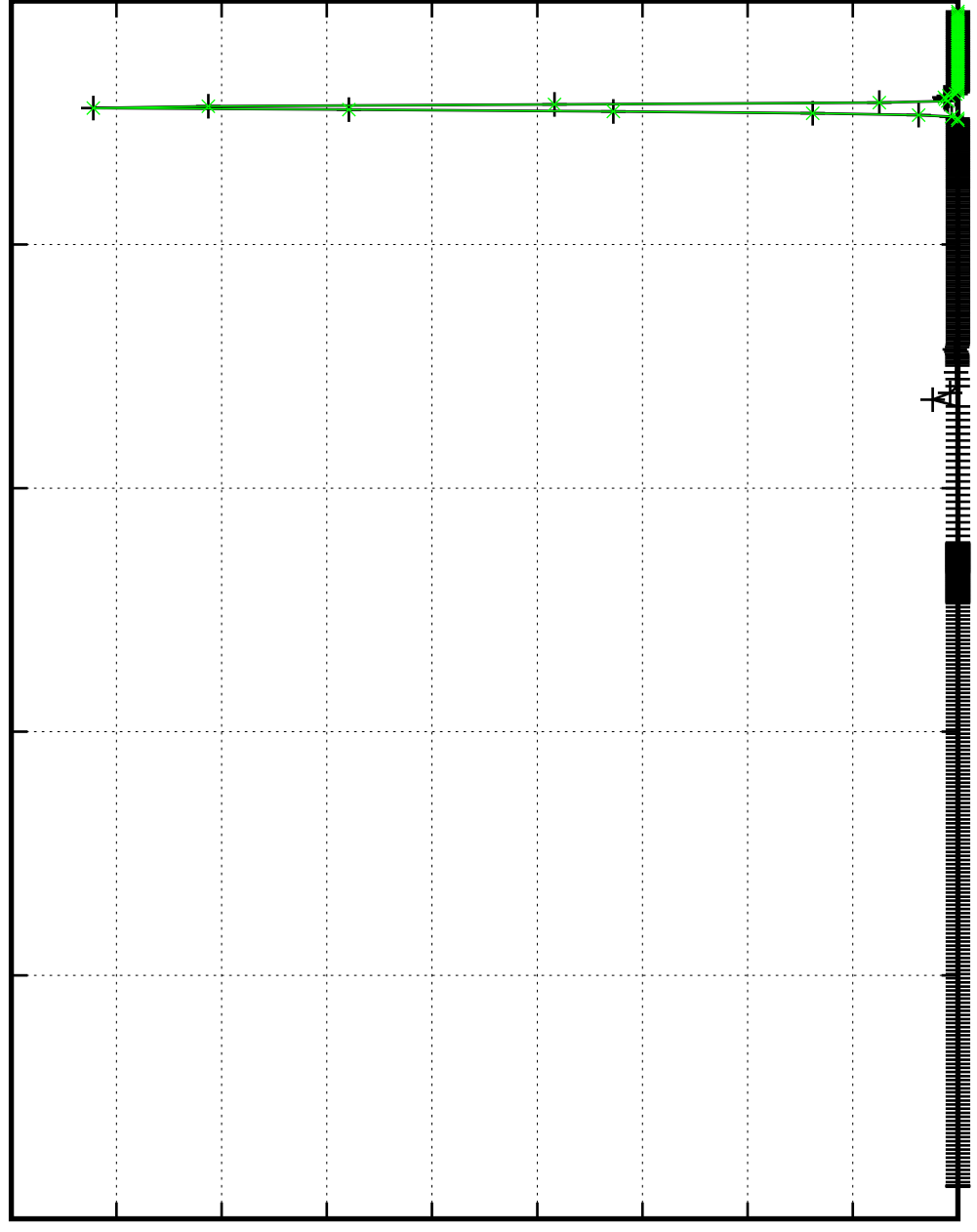
1

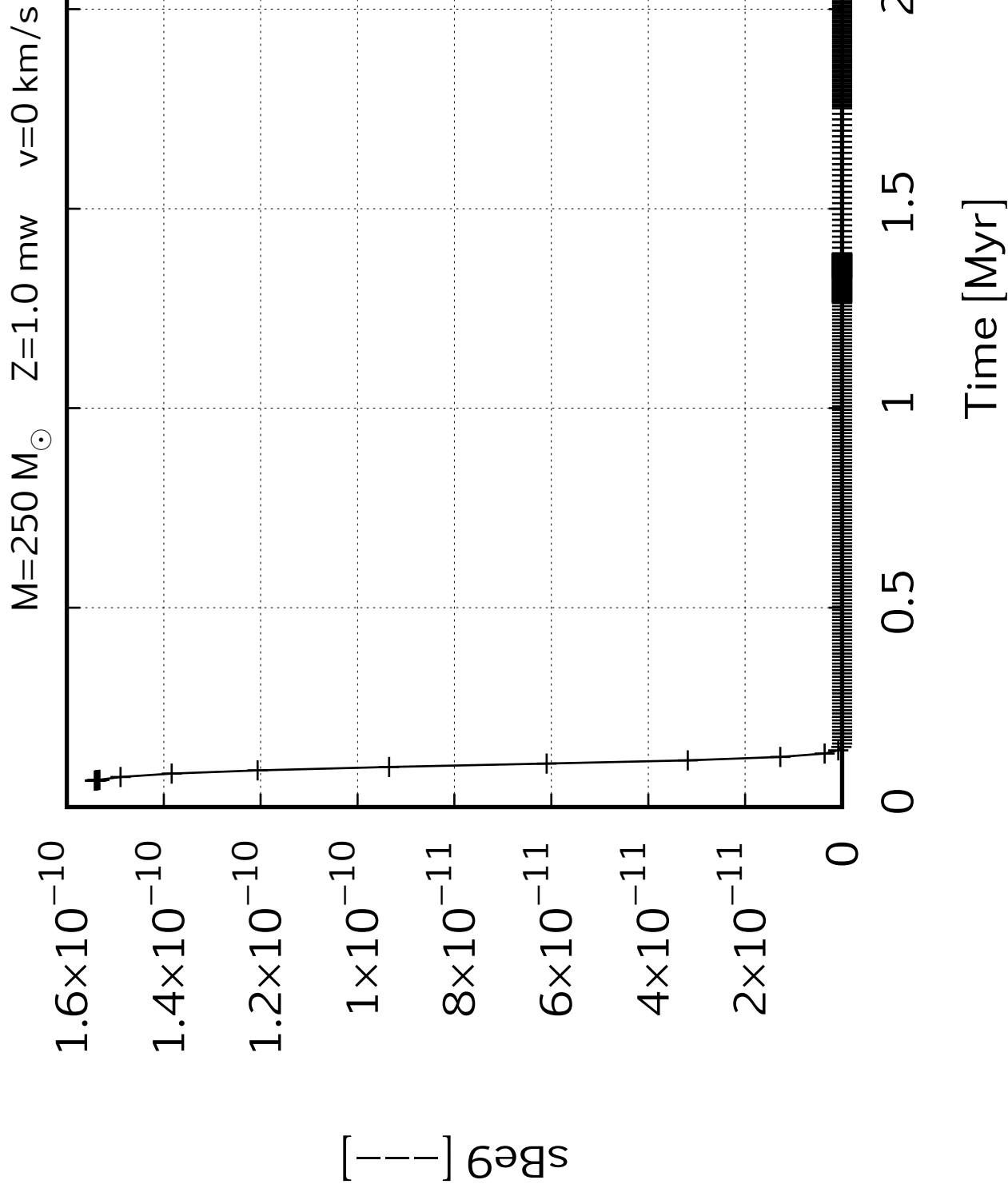
1.5

2

2.5

Time [Myr]





$M=250\,M_{\odot}$ $Z=1.0\,\text{mw}$ $v=0\,\text{km/s}$

3×10^{-24}

2.5×10^{-24}

2×10^{-24}

1.5×10^{-24}

1×10^{-24}

5×10^{-25}

0

$\left[\frac{\text{I}}{\text{H}}\right]_{\text{B8}}$

0

0.5

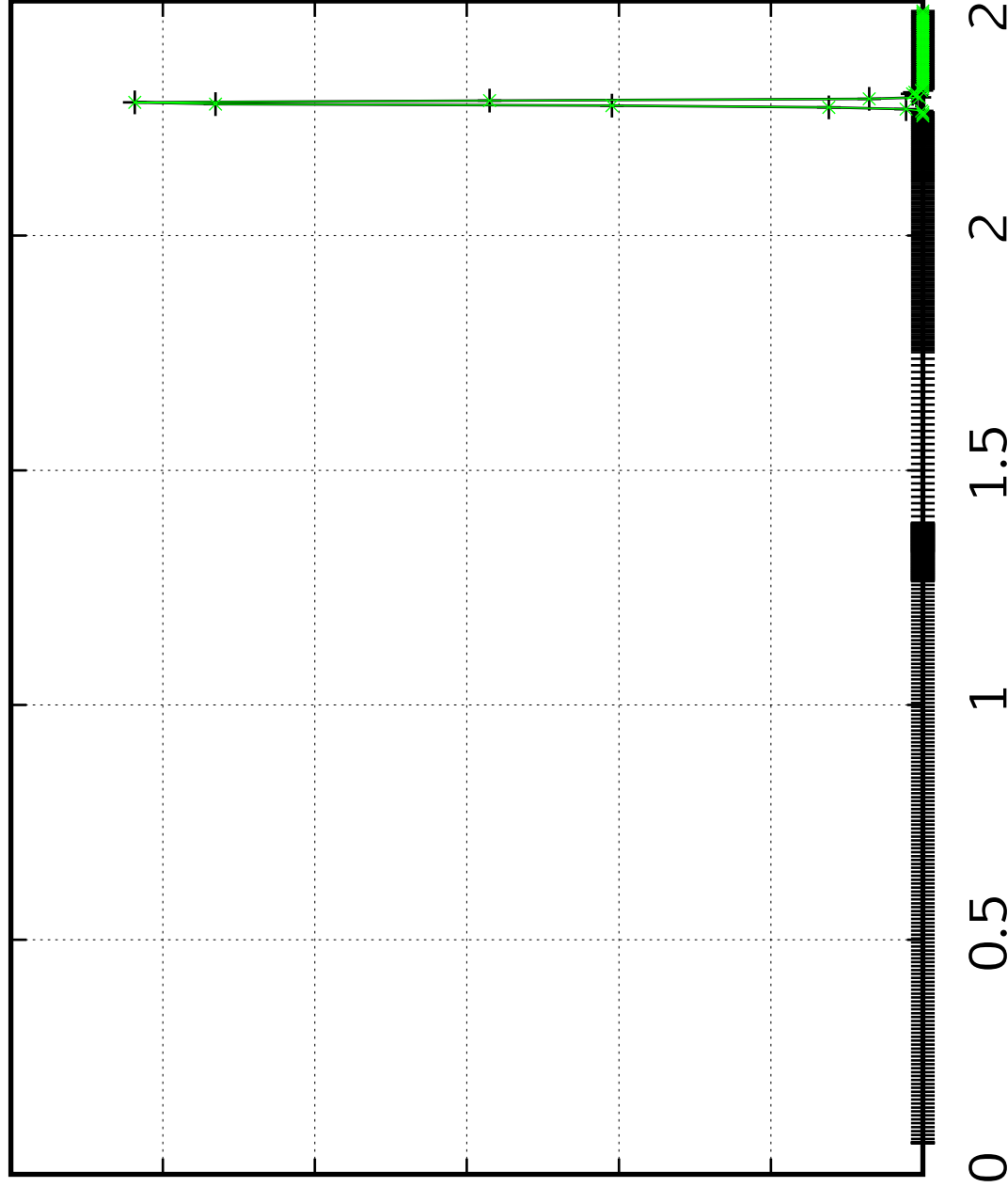
1

1.5

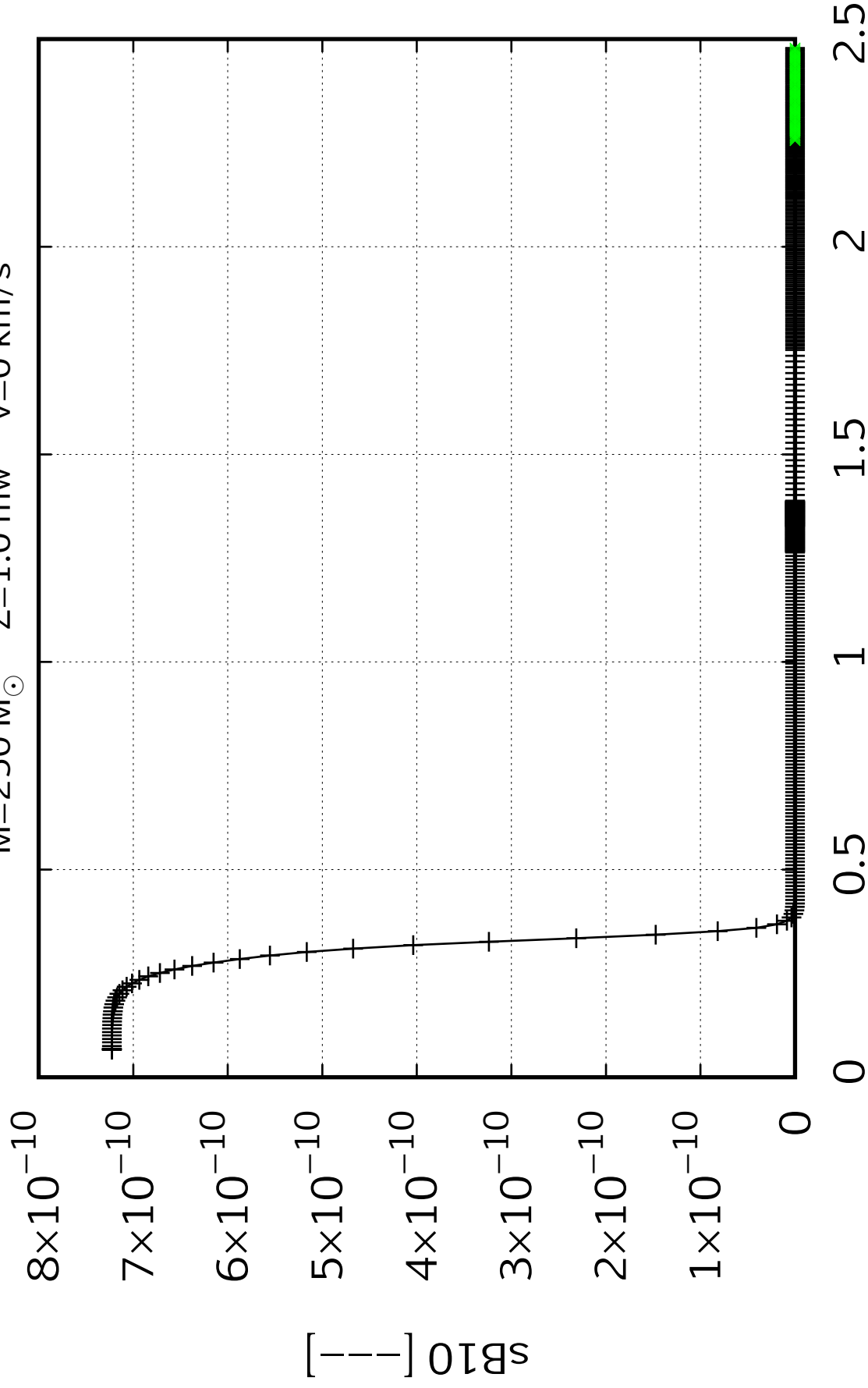
2

2.5

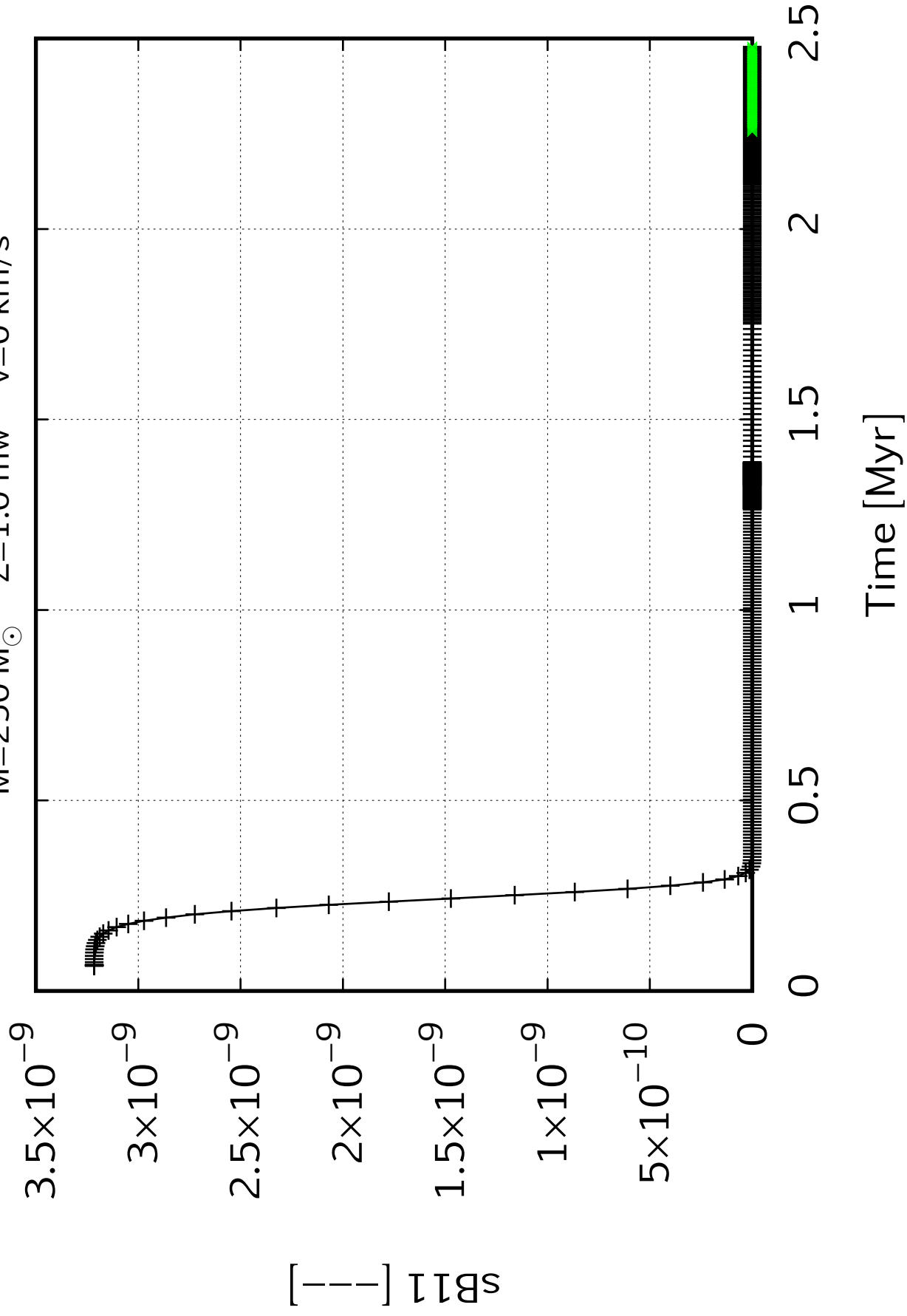
Time [Myr]



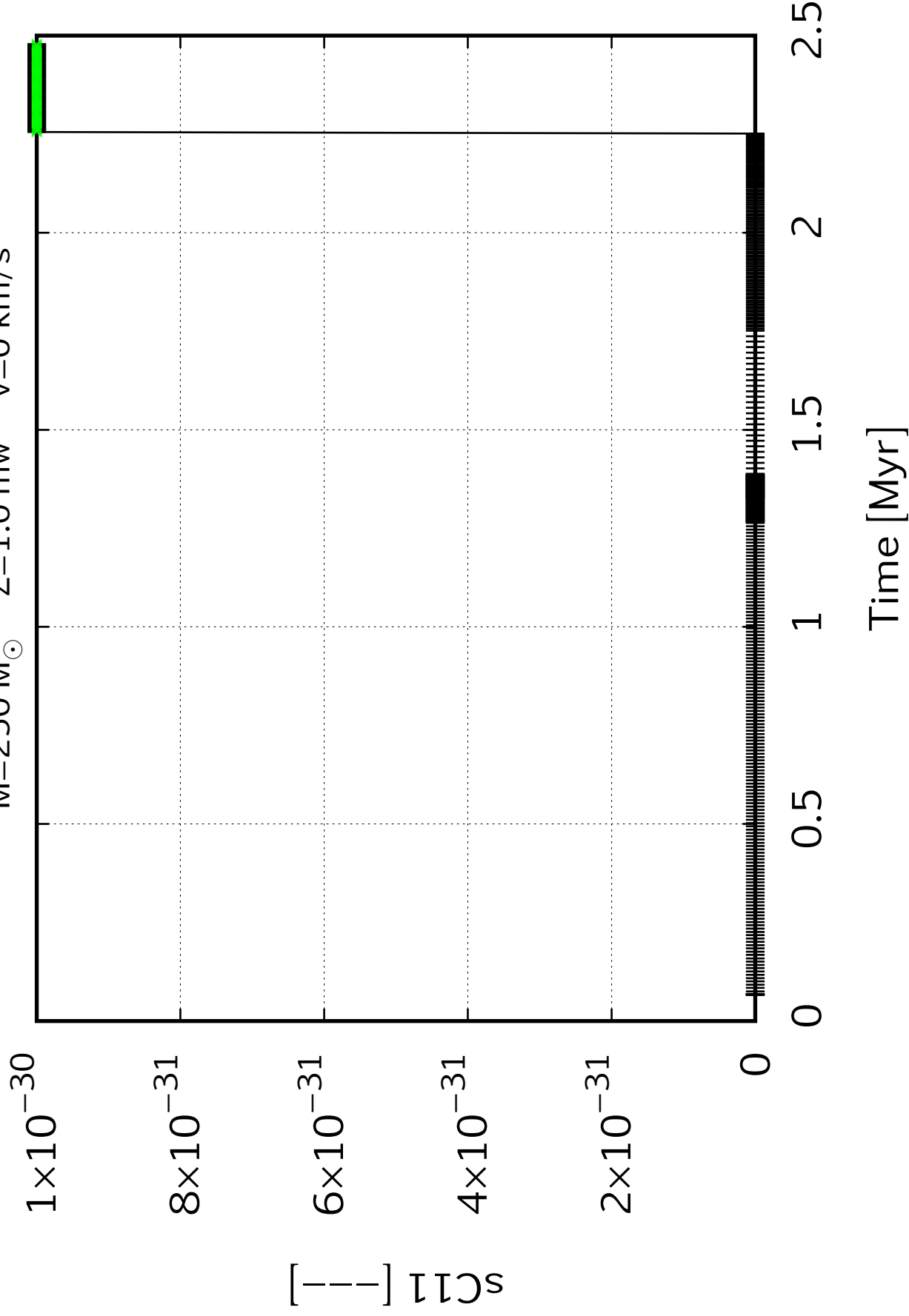
$M=250 M_{\odot}$ $Z=1.0$ mw $v=0$ km/s



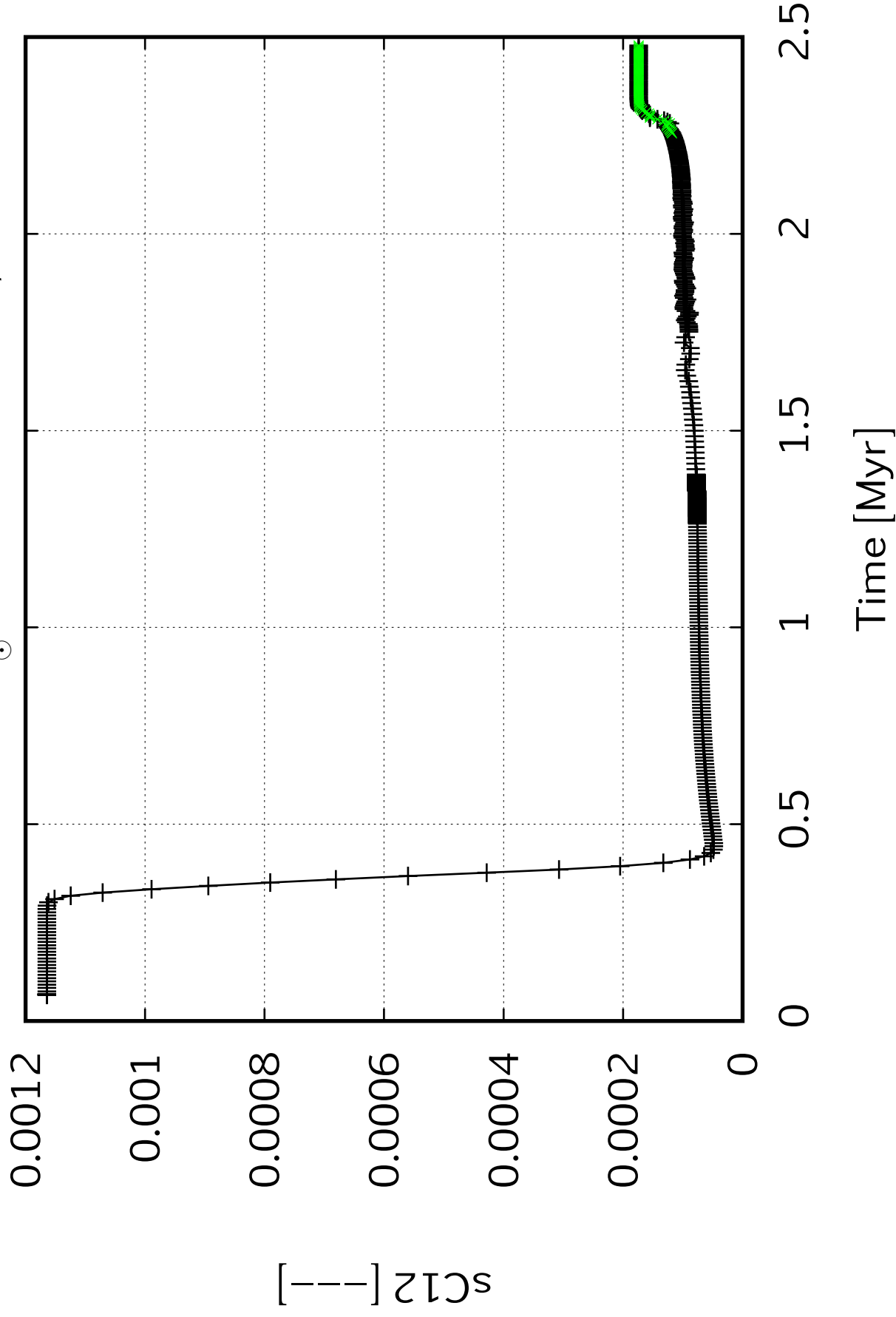
$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s



$M=250 M_{\odot}$ $Z=1.0$ mw $v=0$ km/s



$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s



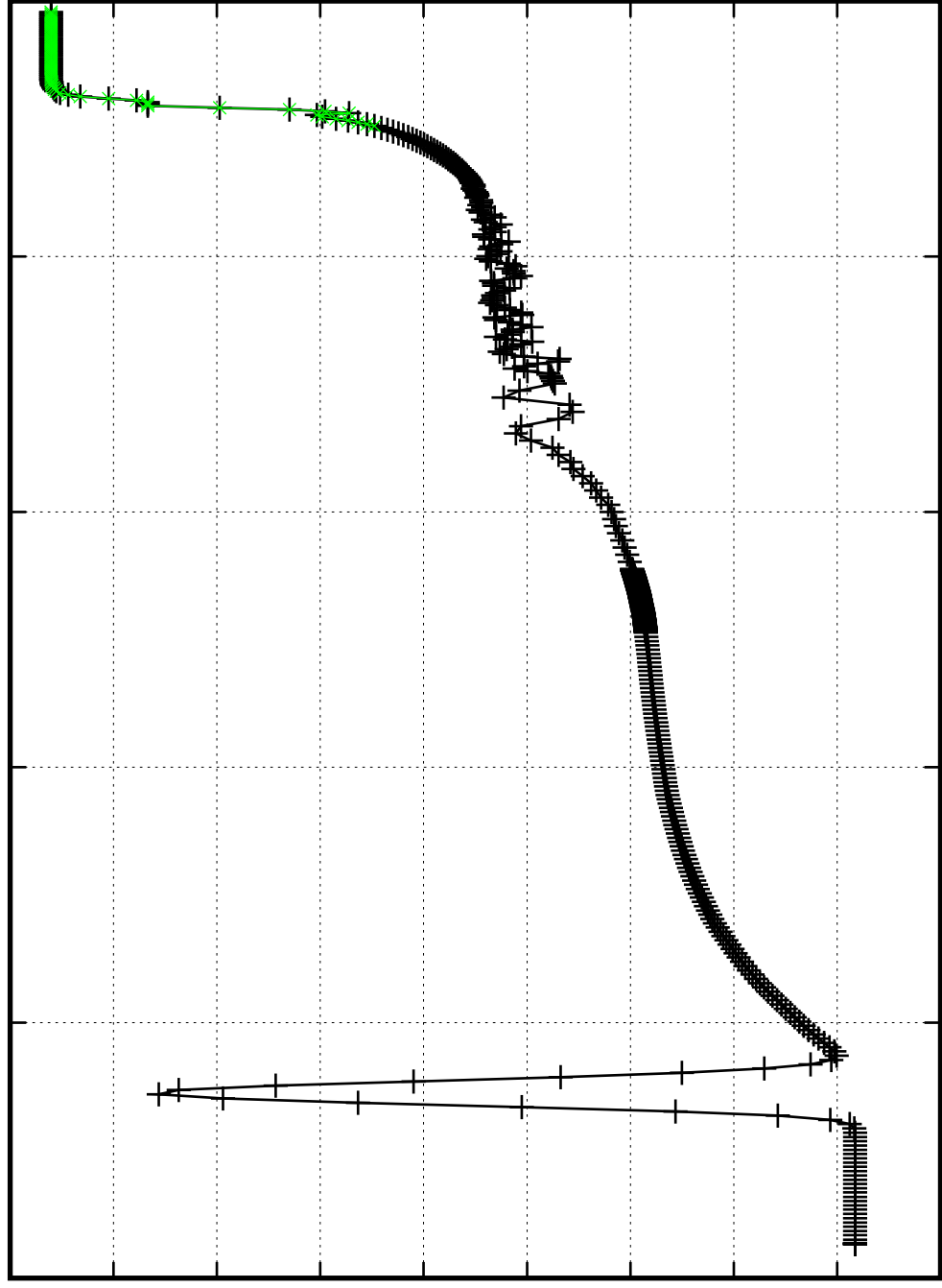
$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

$sC13$ [—]

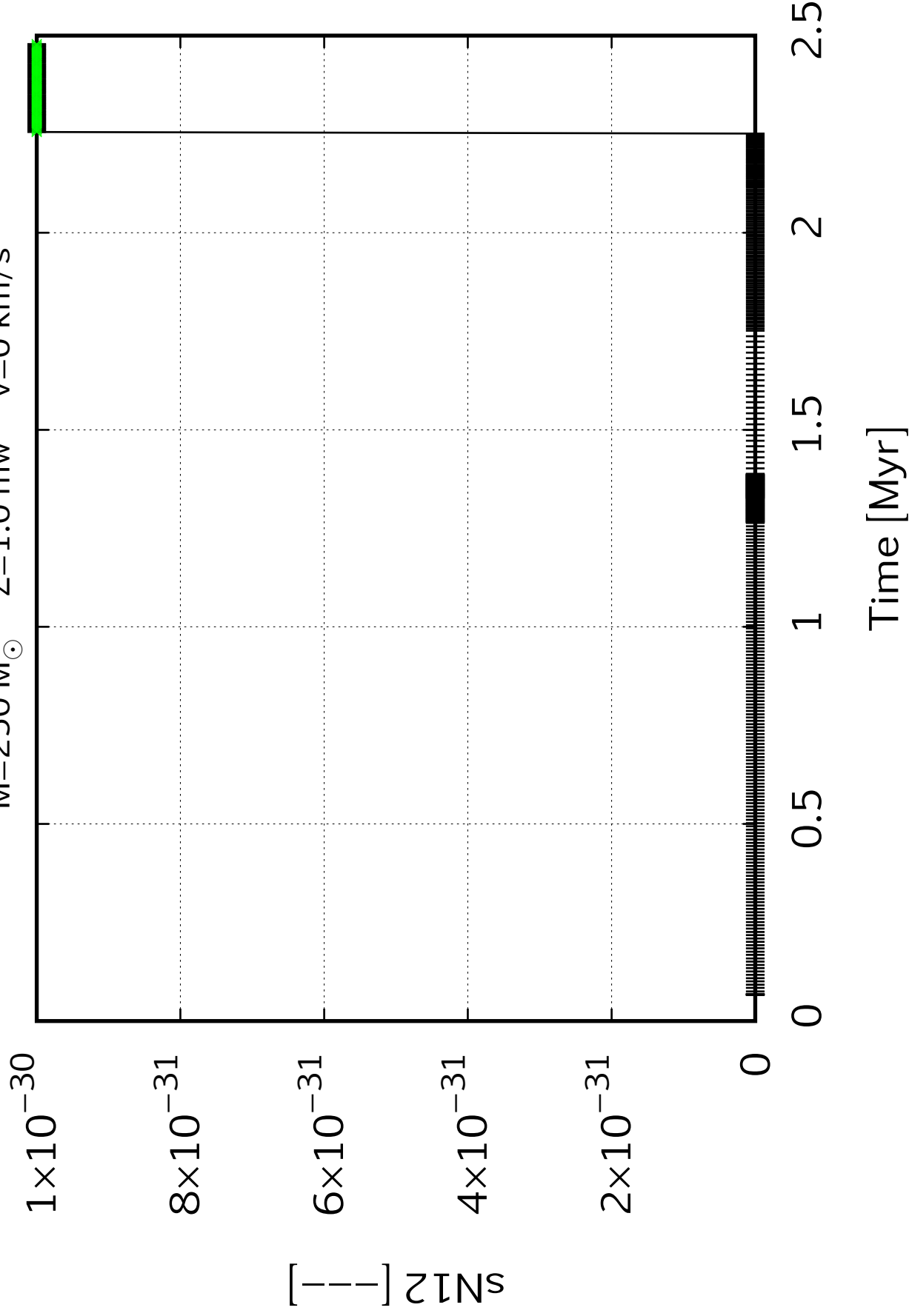
0.00006
0.00005
0.00005
0.00004
0.00004
0.00003
0.00003
0.00002
0.00002
0.00001

0 0.5 1 1.5 2 2.5

Time [Myr]



$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s



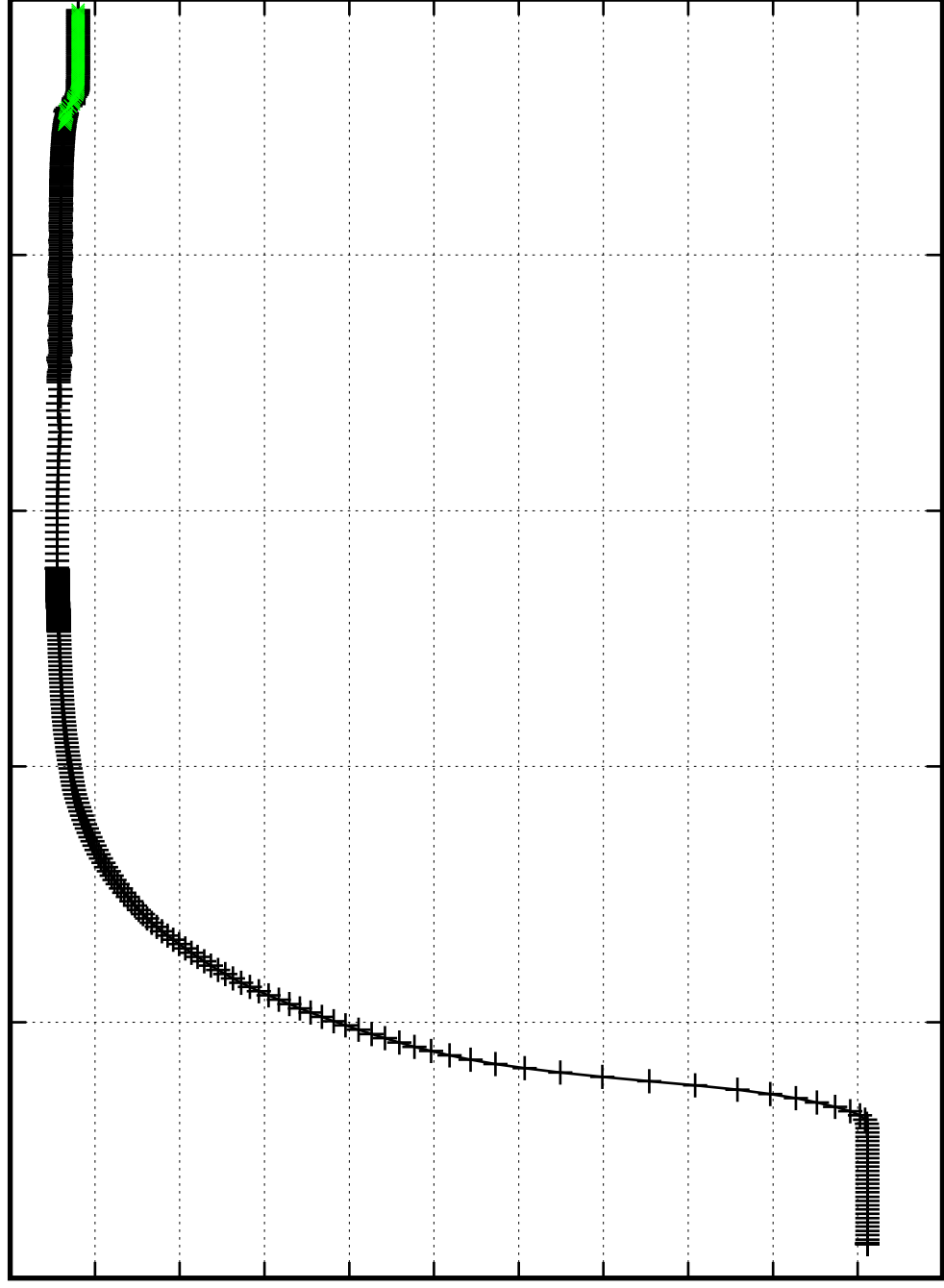
$M=250 M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

$s N_{14} [-]$

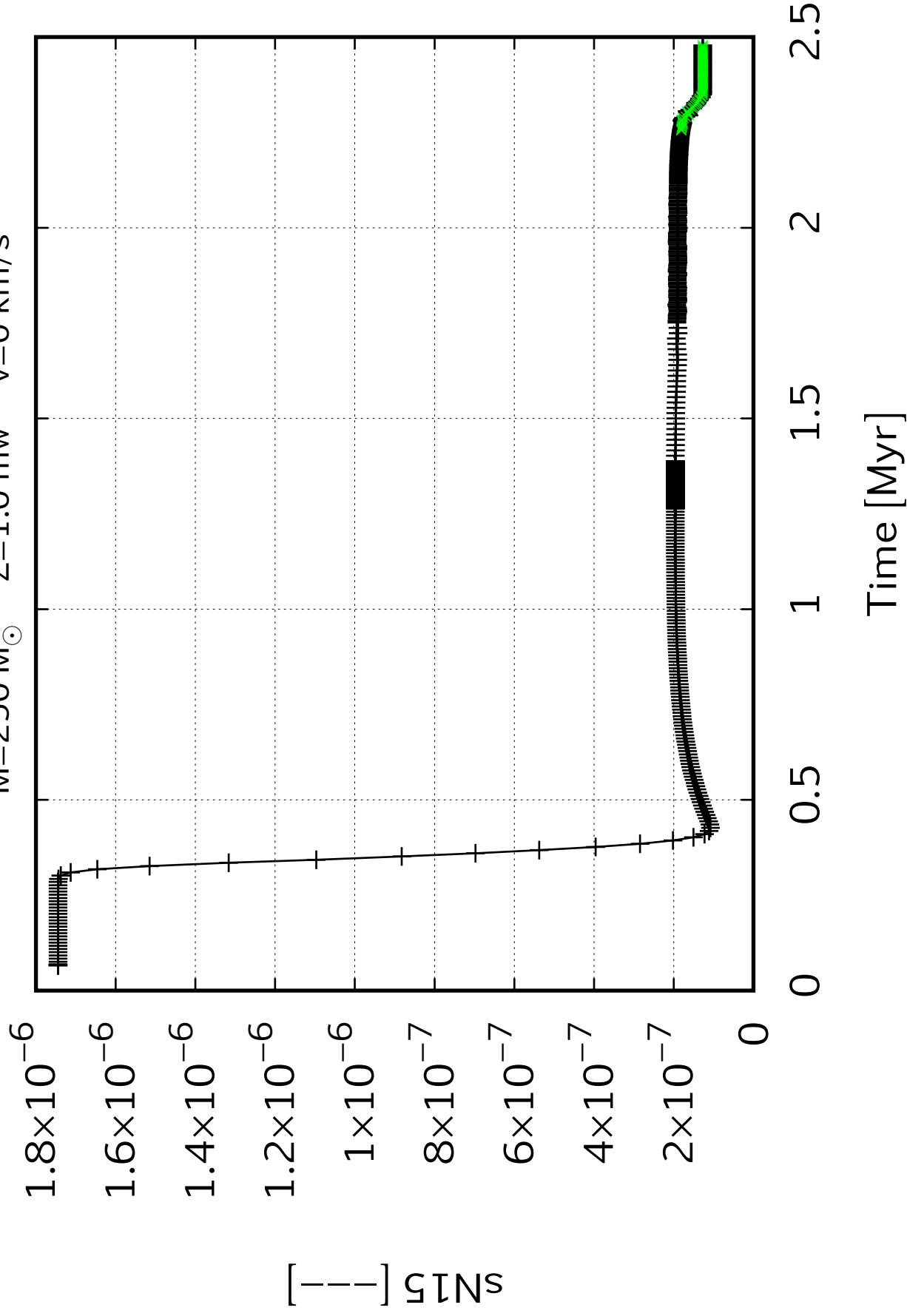
0.0055
0.005
0.0045
0.004
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0

0 0.5 1 1.5 2 2.5

Time [Myr]



$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s



$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

0.0045

0.004

0.0035

0.003

0.0025

0.002

0.0015

0.001

0.0005

0

$[\text{O}16]$

0

0.5

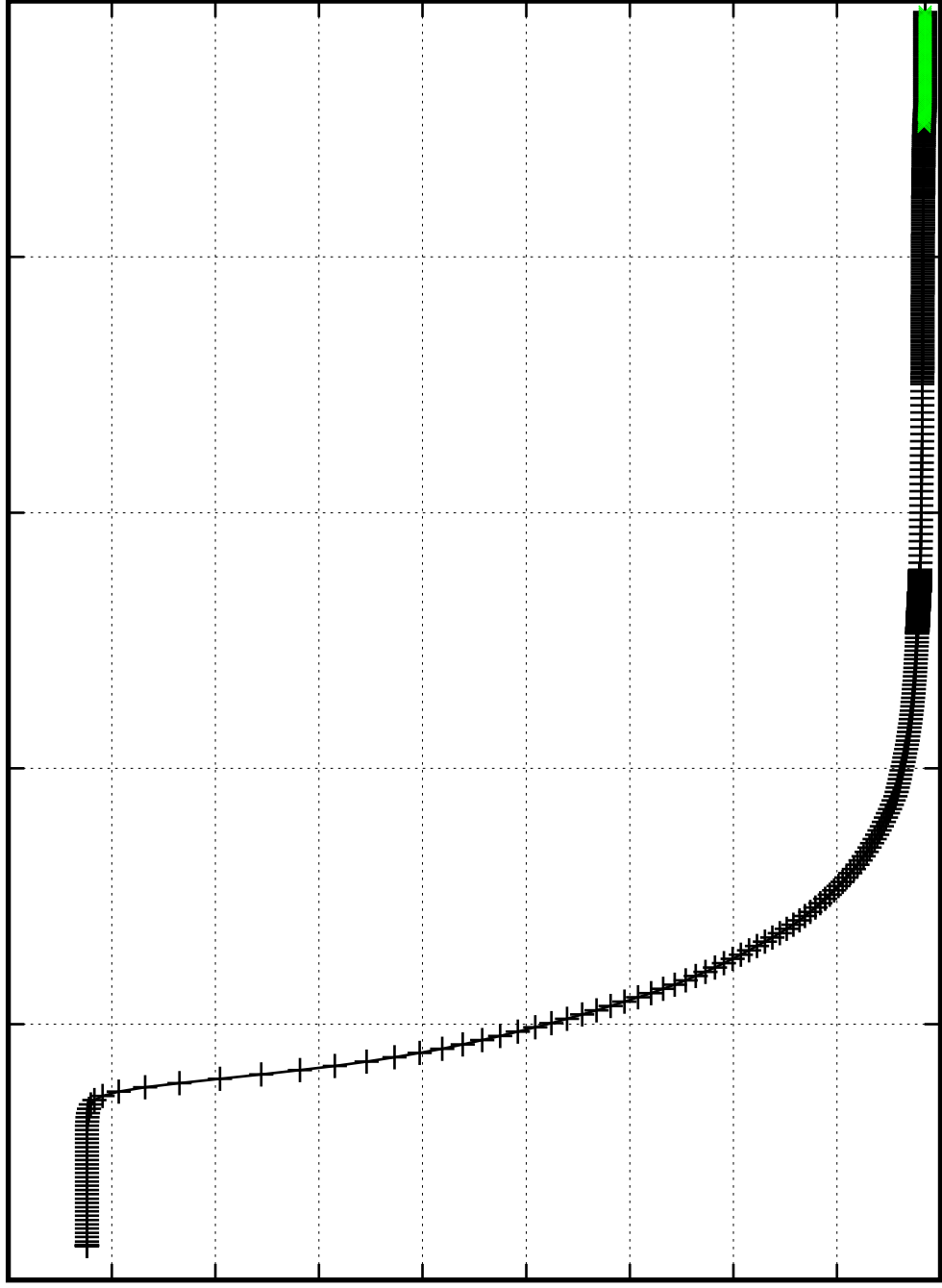
1

1.5

2

2.5

Time [Myr]

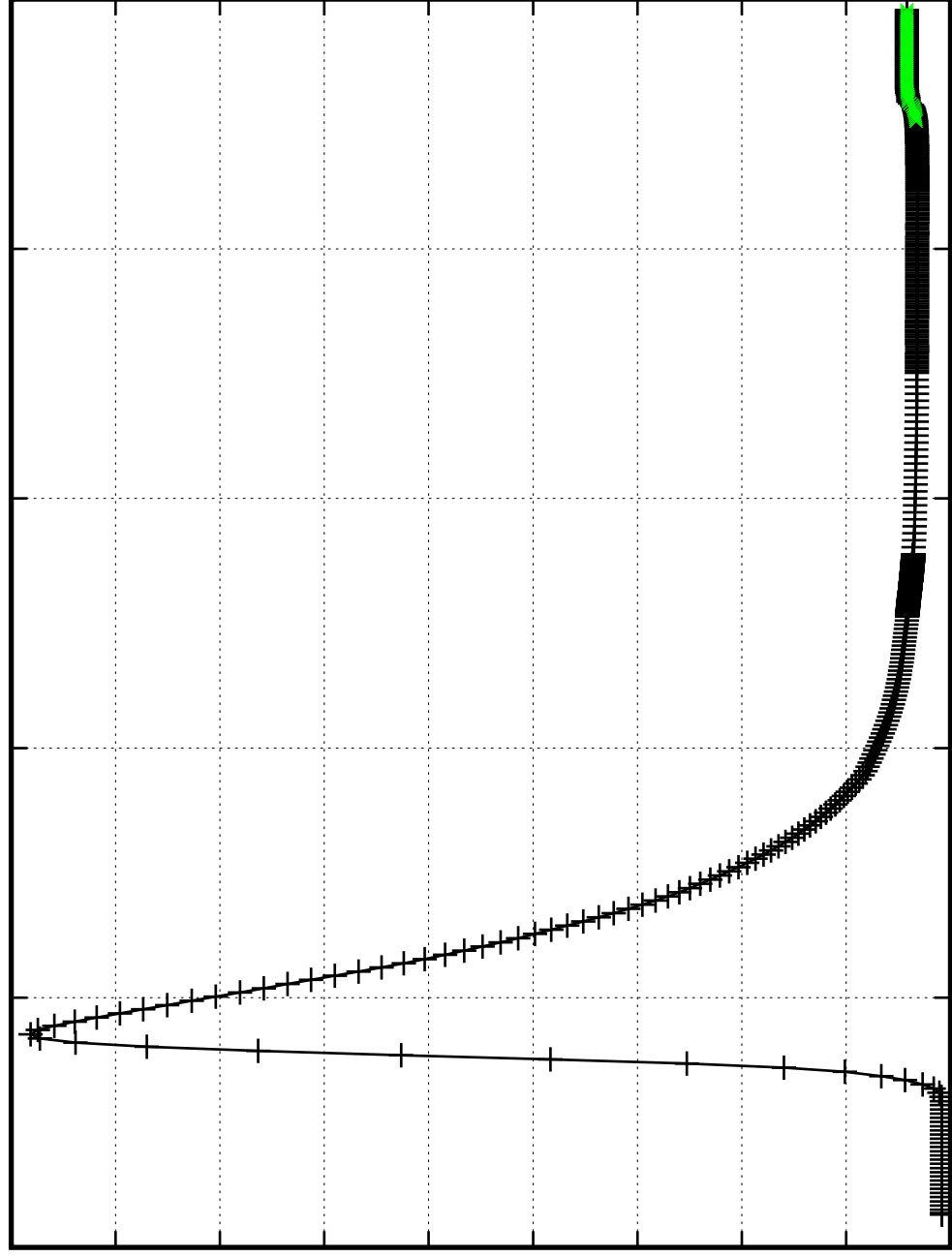


$M=250\,M_{\odot}$ $Z=1.0\,\text{mW}$ $v=0\,\text{km/s}$

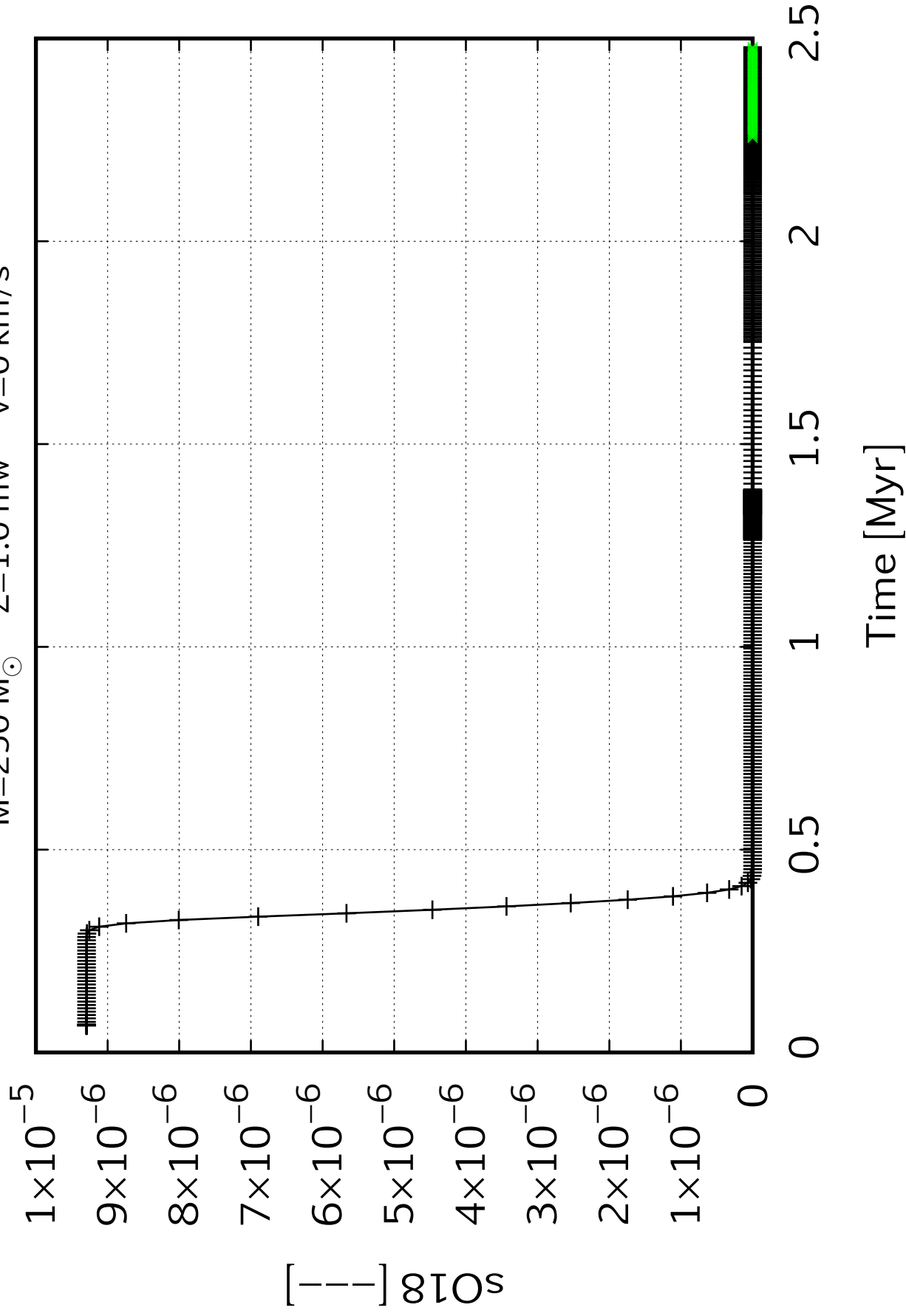
$[\text{O}17]$

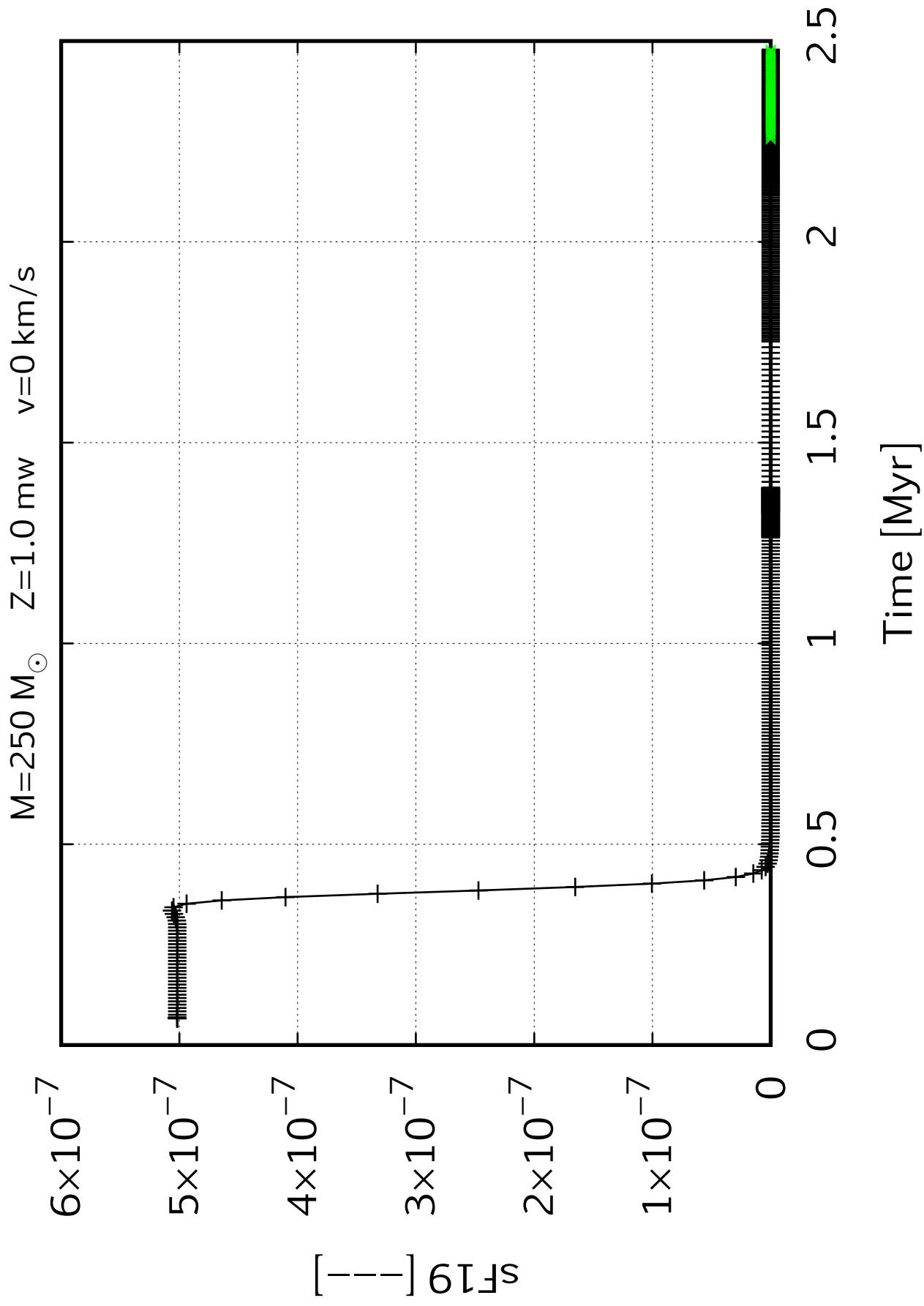
0 2×10^{-5} 4×10^{-5} 6×10^{-5} 8×10^{-5} 0.0001 0.00012 0.00014 0.00016 0.00018

Time [Myr]



$M=250\,M_{\odot}$ $Z=1.0\,\text{mw}$ $v=0\,\text{km/s}$





$M=250 M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

0.00094

0.00093

0.00092

0.00091

0.00090

0.00089

0.00088

0.00087

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

0

0.5

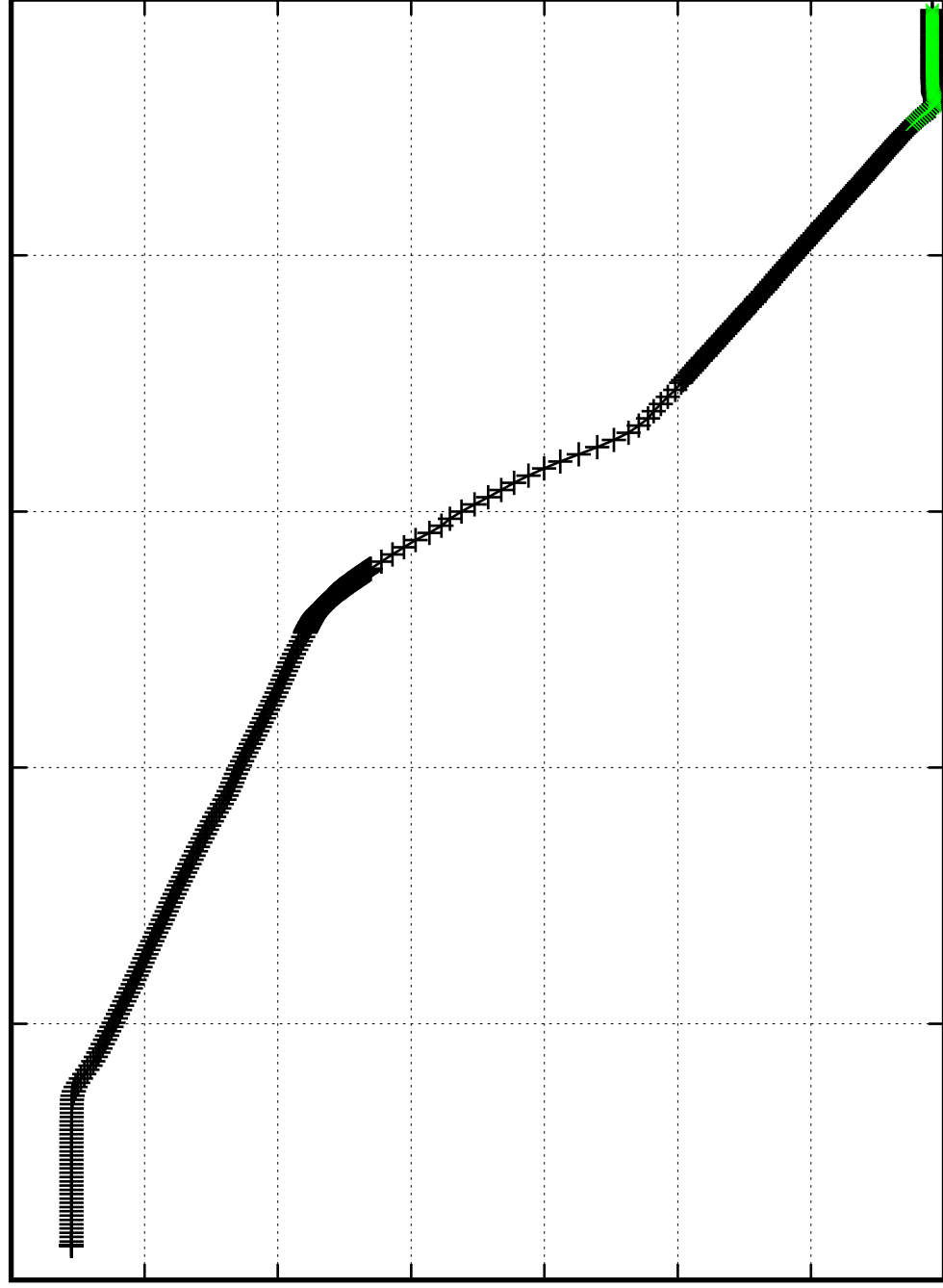
1

1.5

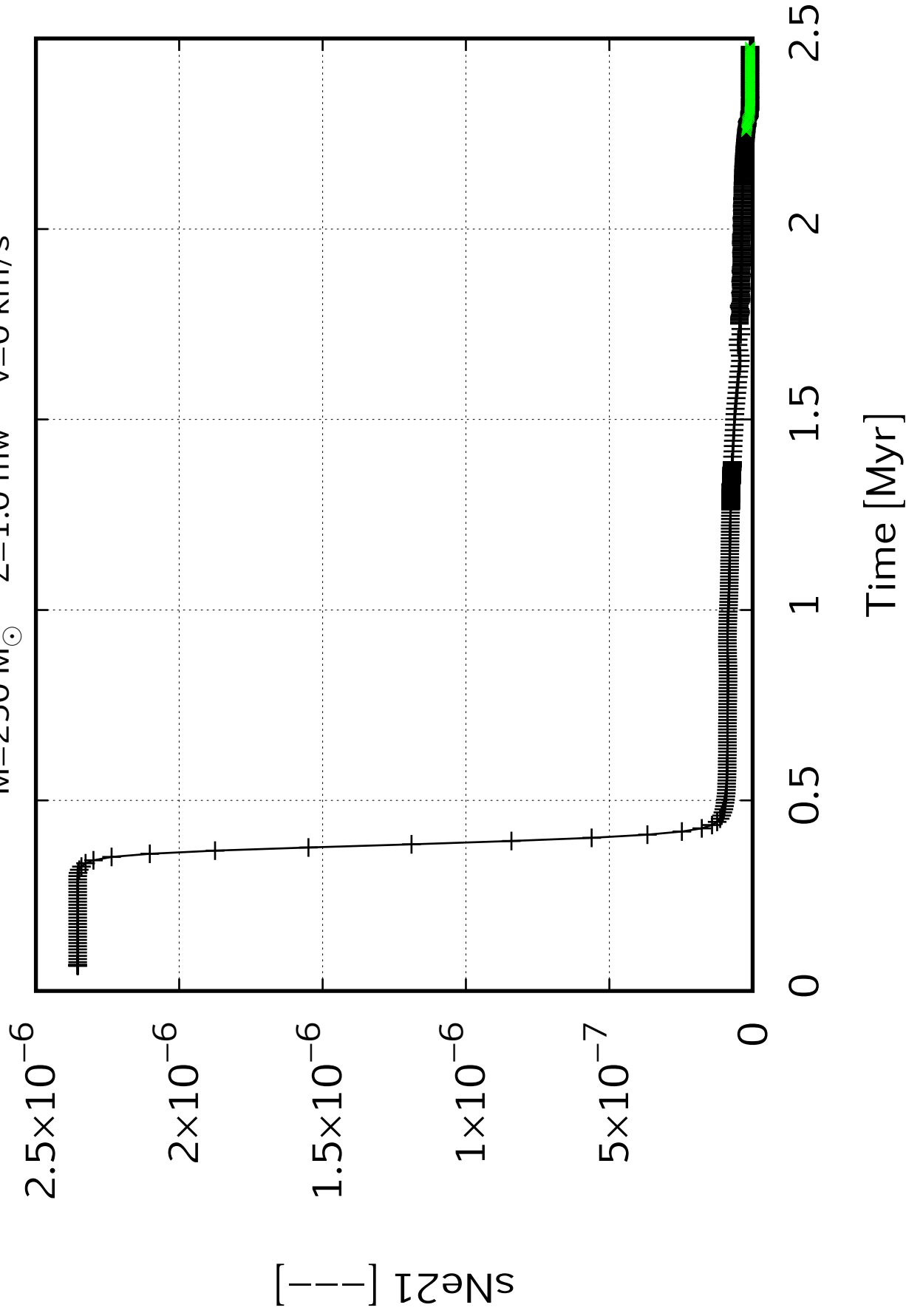
2

2.5

Time [Myr]



$M=250\,M_{\odot}$ $Z=1.0\,\text{mw}$ $v=0\,\text{km/s}$



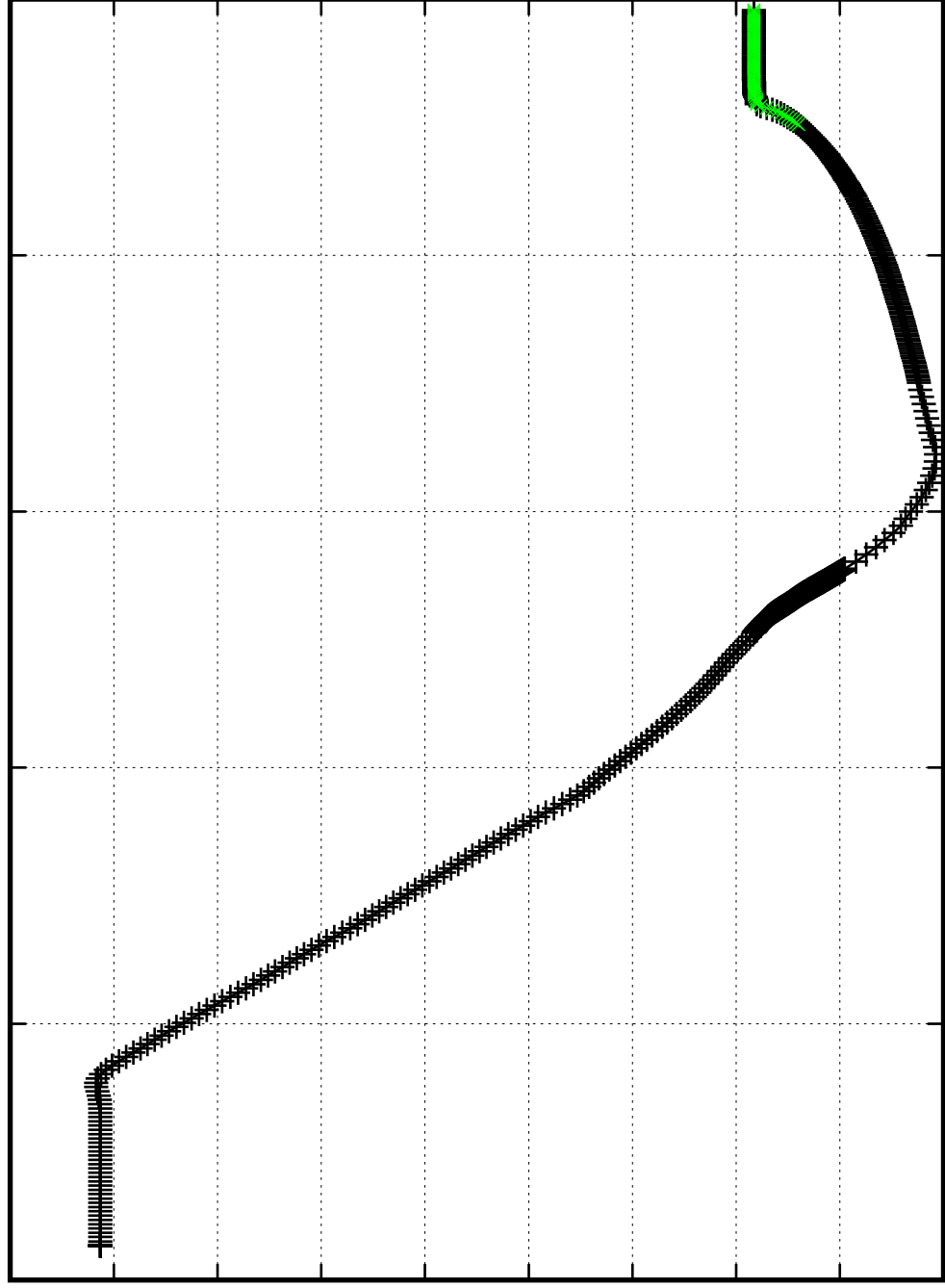
$M=250\,M_{\odot}$ $Z=1.0\,\text{mw}$ $v=0\,\text{km/s}$

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

0.00008
0.00008
0.00007
0.00007
0.00006
0.00006
0.00005
0.00005
0.00004
0.00004

0 0.5 1 1.5 2 2.5

Time [Myr]



$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

0.00014

0.00012

0.00010

0.00008

0.00006

0.00004

0.00002

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

0

0.5

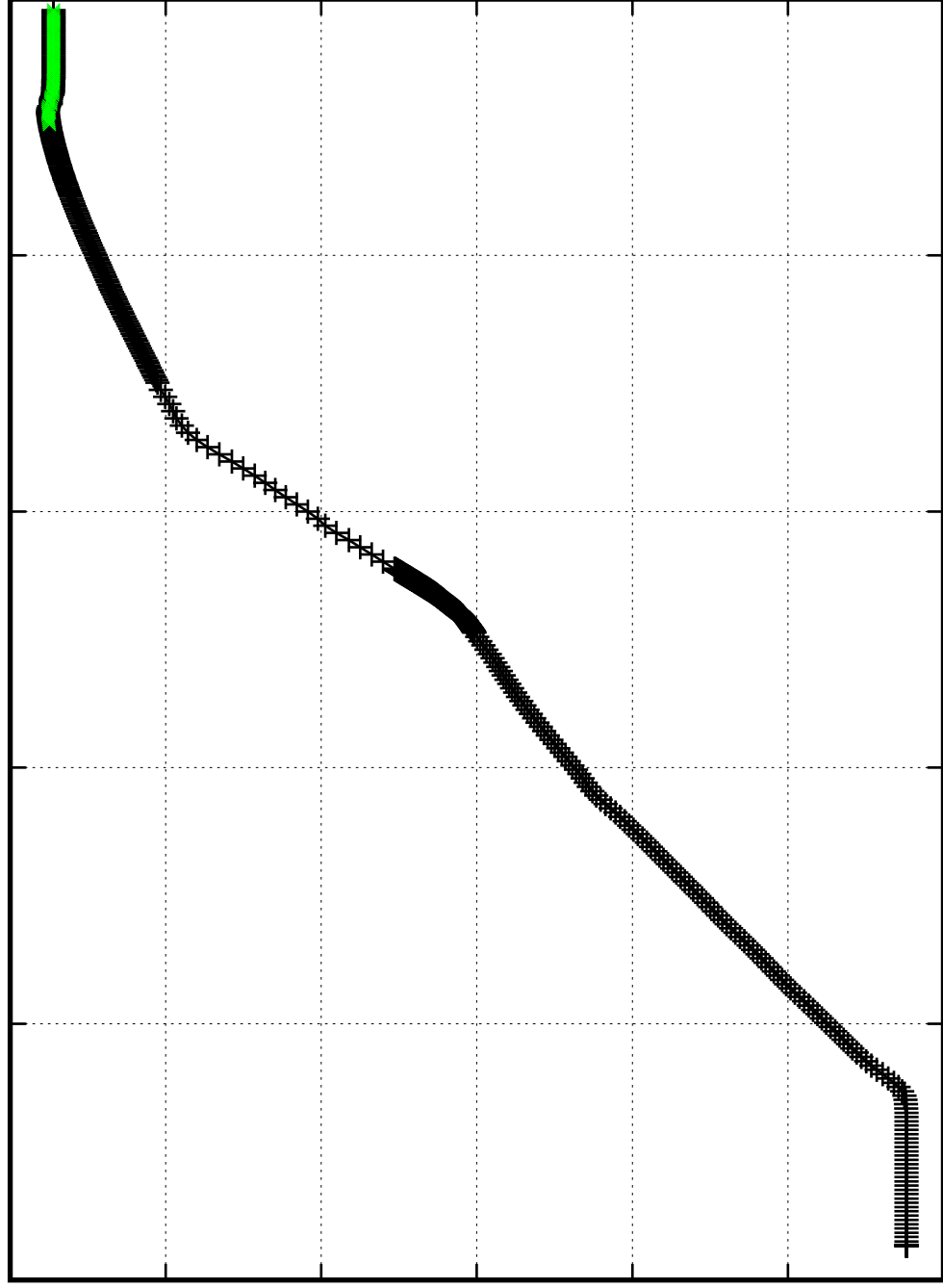
1

1.5

2

2.5

Time [Myr]



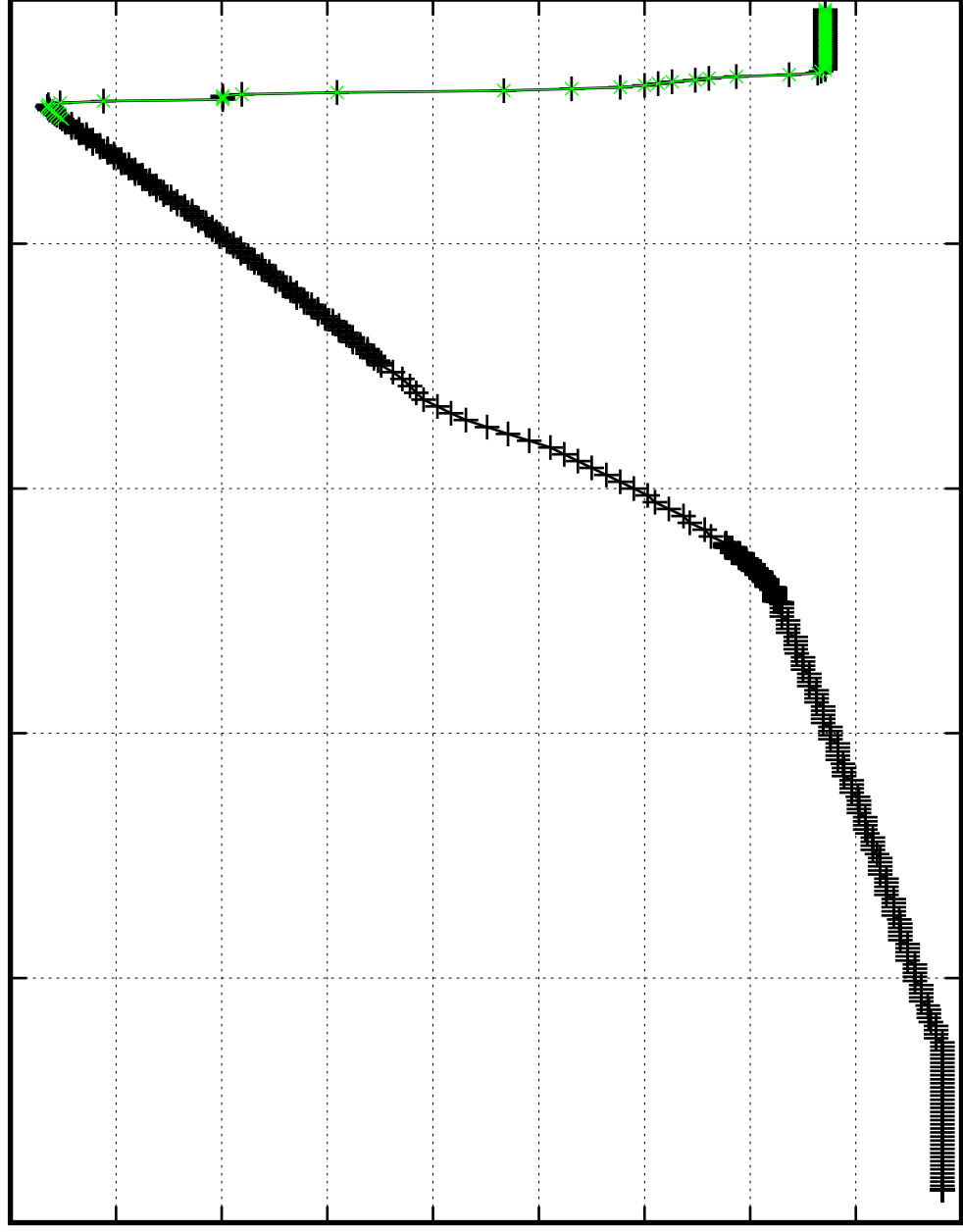
$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

0.0002890
0.0002889
0.0002888
0.0002887
0.0002886
0.0002885
0.0002884
0.0002883
0.0002882
0.0002881

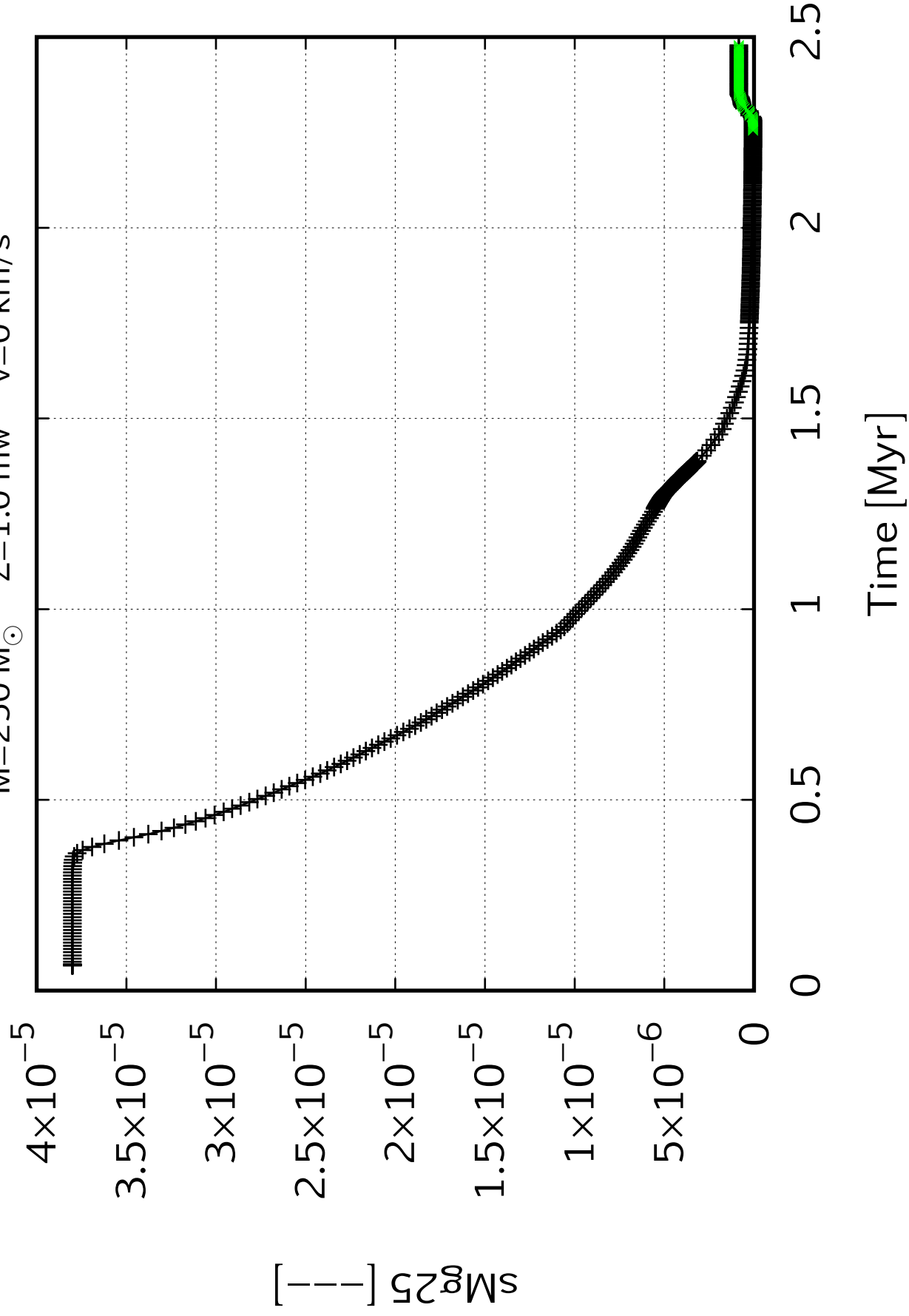
$sM_{24}^{g} [-]$

0 0.5 1 1.5 2 2.5

Time [Myr]



$M=250\,M_{\odot}$ $Z=1.0\,\text{mw}$ $v=0\,\text{km/s}$



$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

0.00006

0.00005

0.00005

0.00004

0.00004

0.00003

0.00003

0.00002

$sM_{26} [-]$

0

0.5

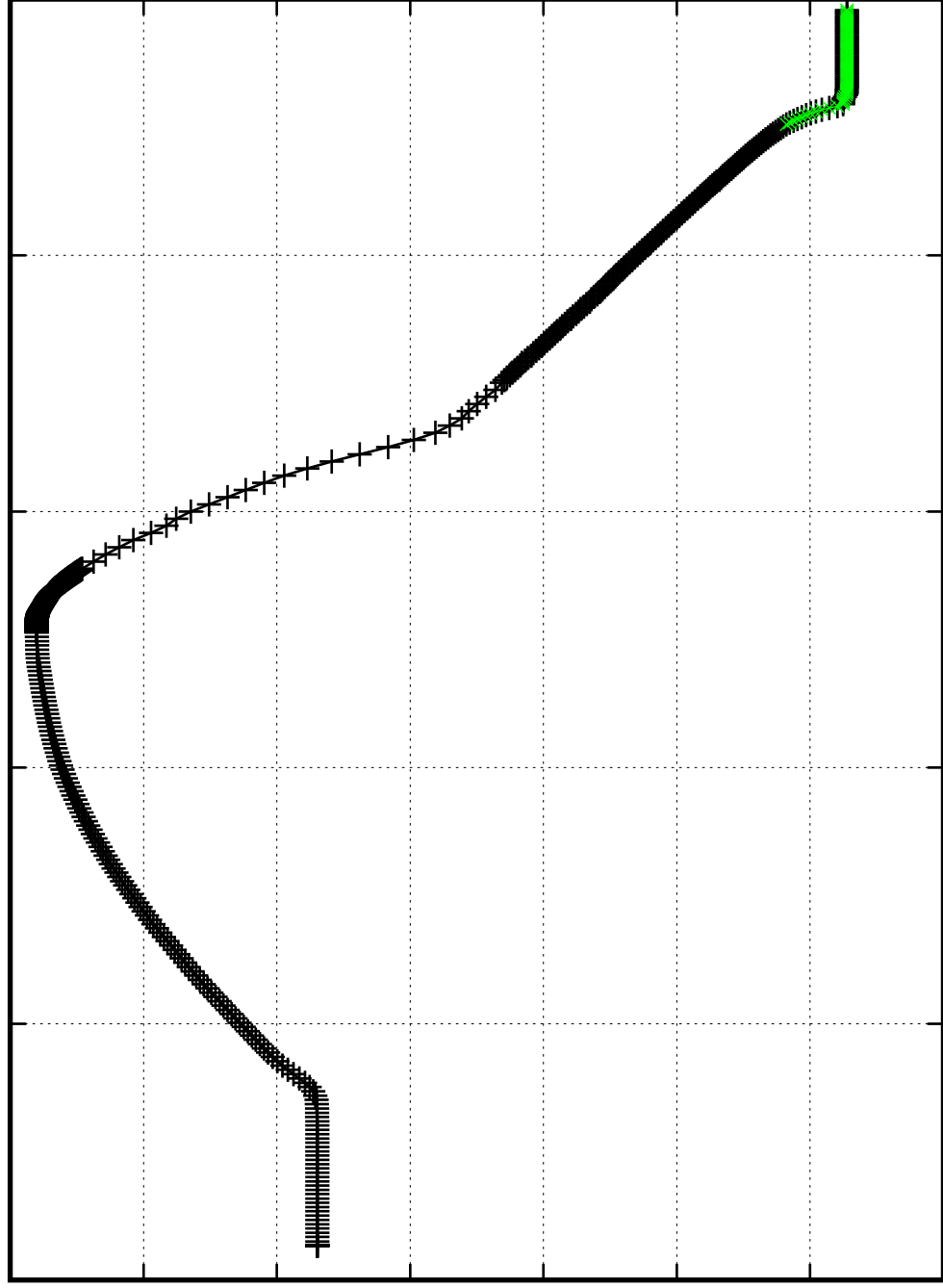
1

1.5

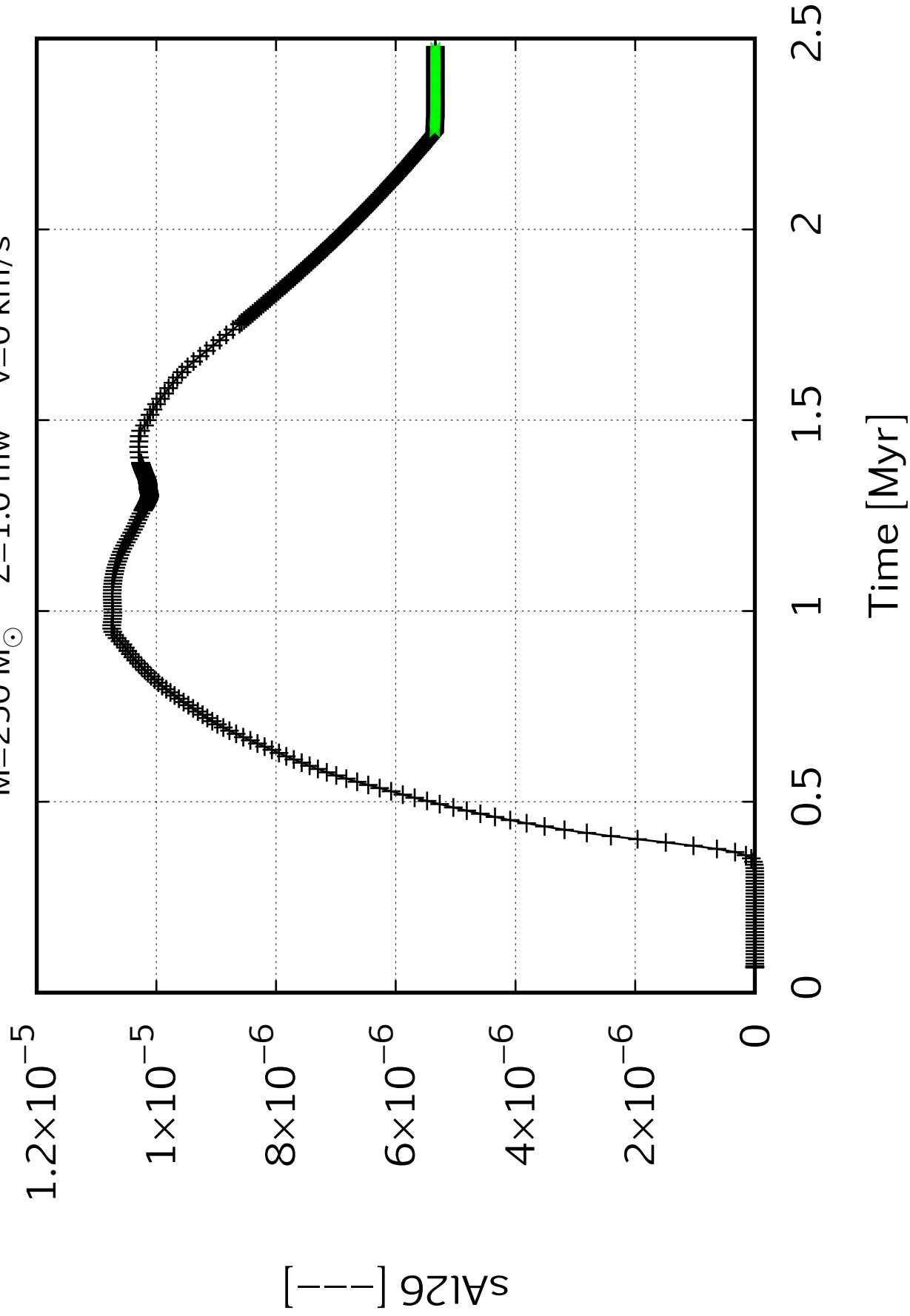
2

2.5

Time [Myr]



$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s



$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

0.00011

0.00010

0.00009

0.00008

0.00007

0.00006

0.00005

0.00004

$s_{\text{Al}27}$ [—]

0

0.5

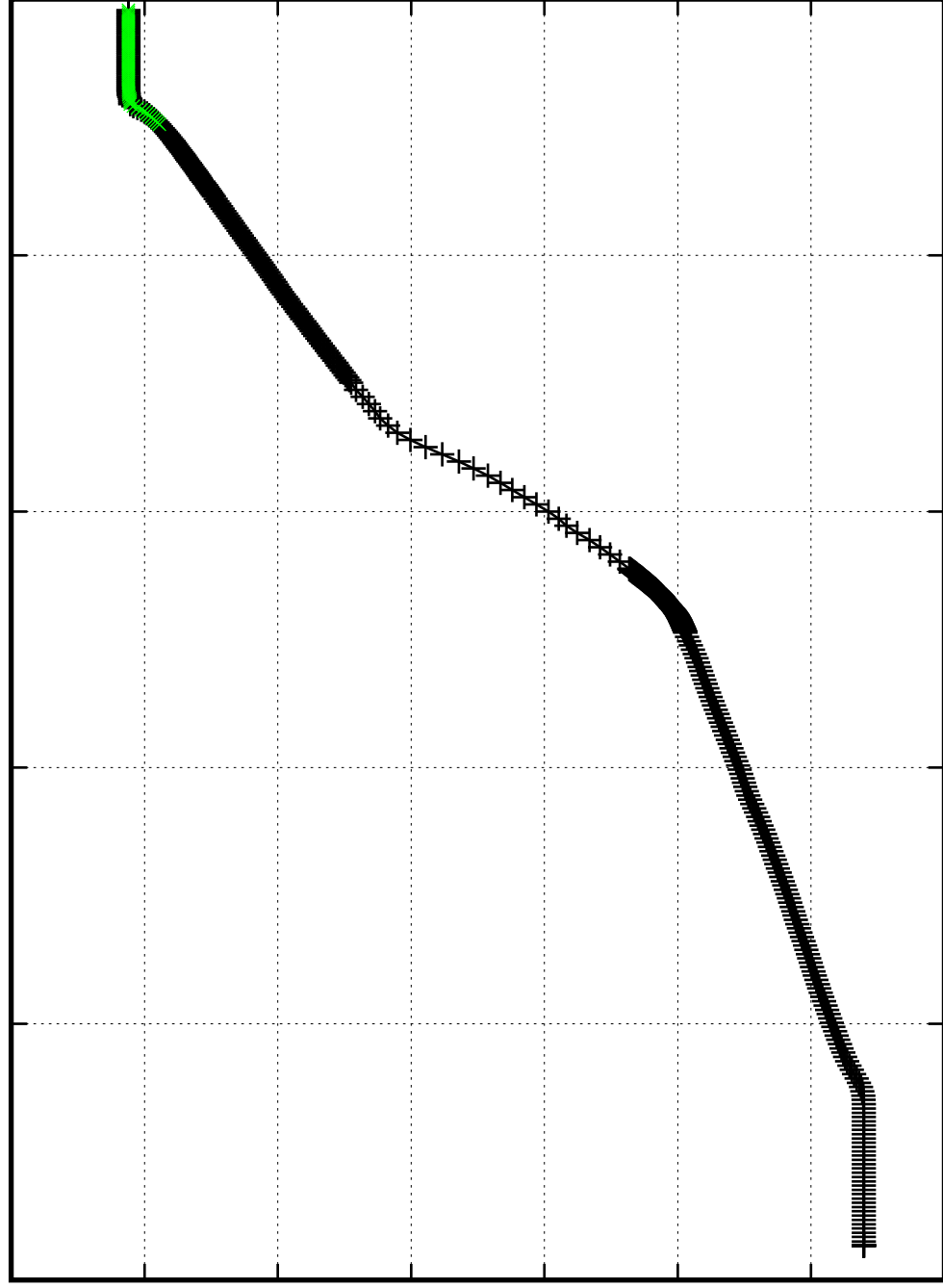
1

1.5

2

2.5

Time [Myr]



$M=250\text{ M}_{\odot}$ $Z=1.0$ mw $v=0\text{ km/s}$

0.00048287

0.00048287

0.00048286

0.00048286

0.00048285

0.00048285

$[\text{Si}28]$

0

0.5

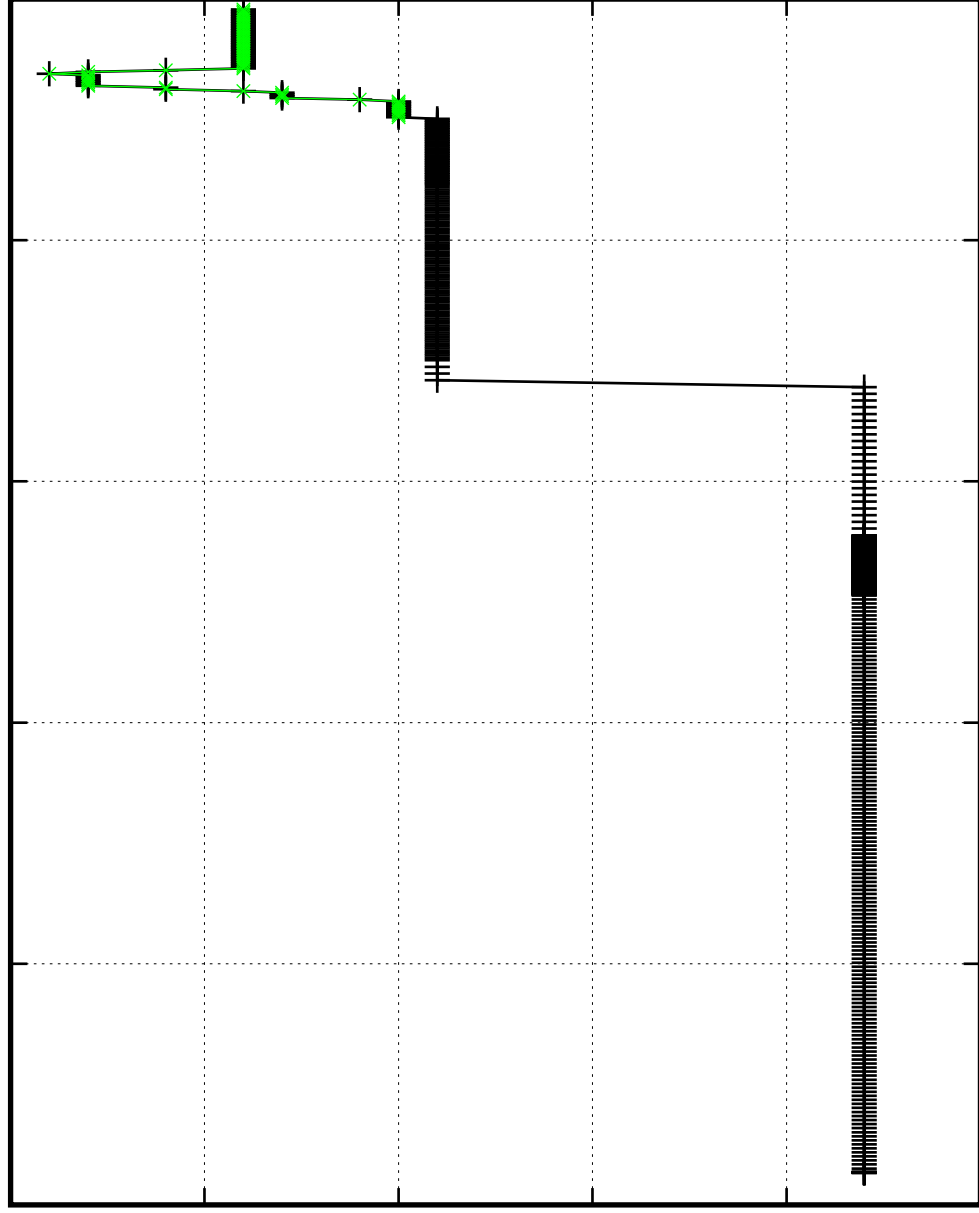
1

1.5

2

2.5

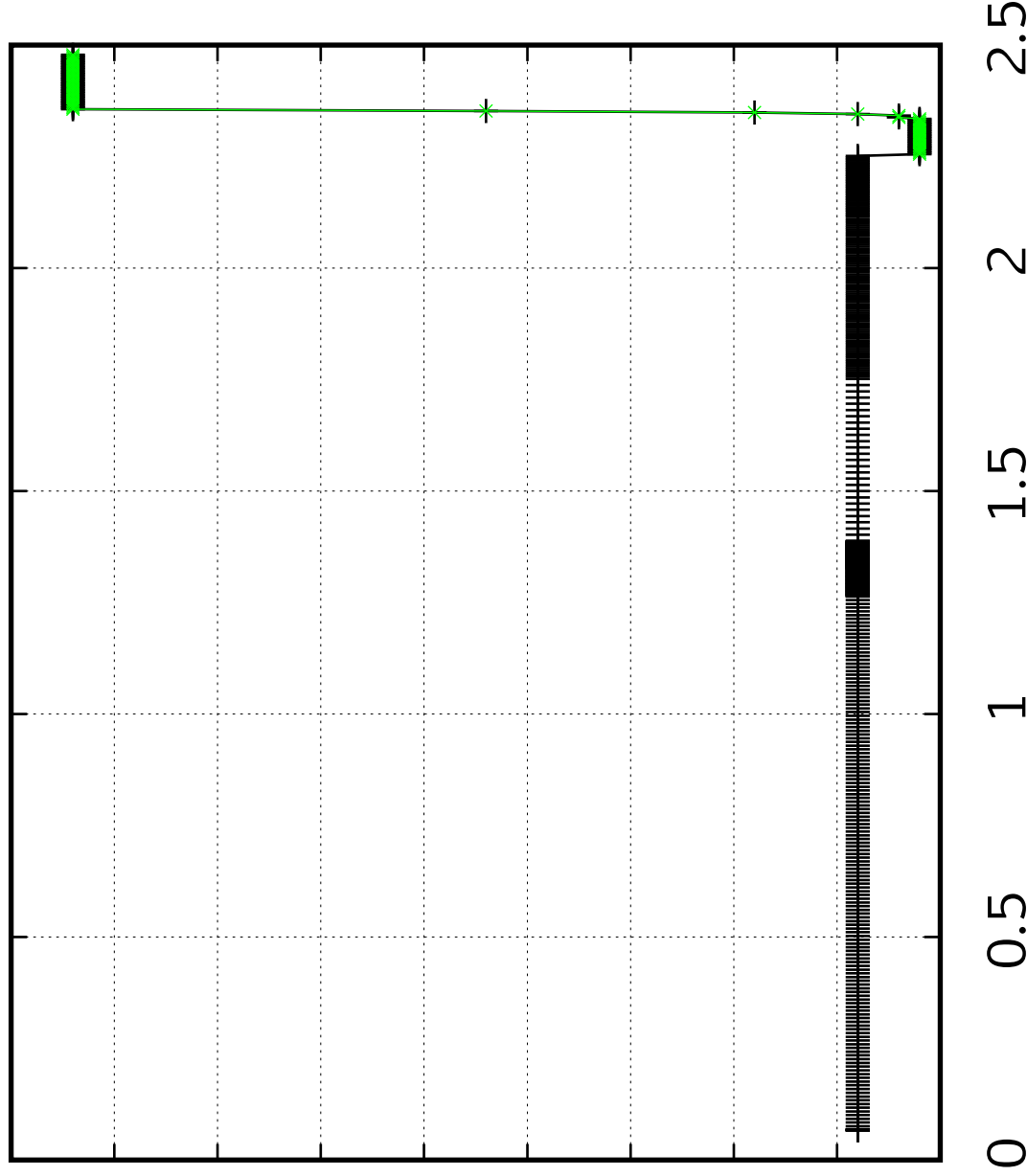
Time [Myr]

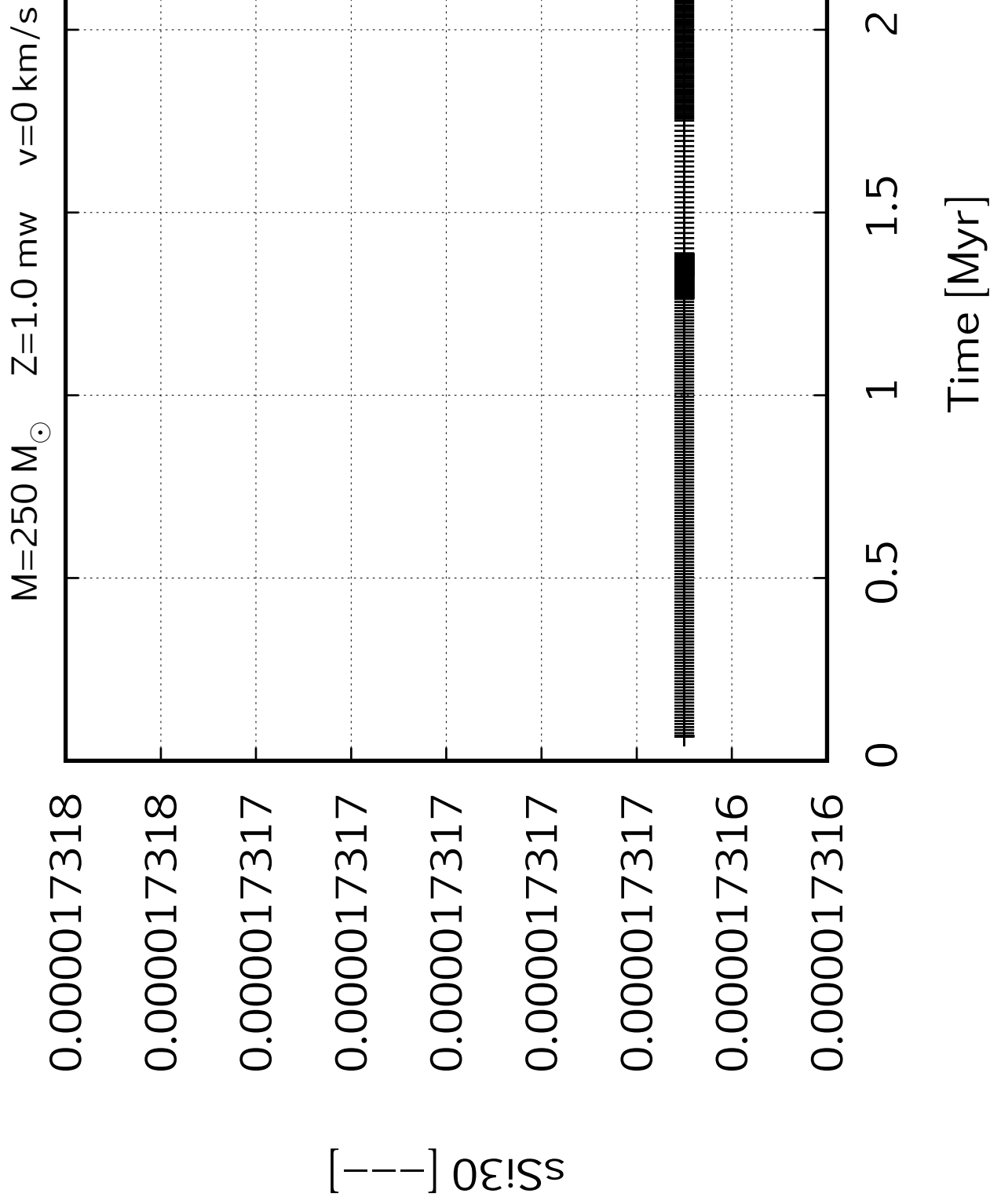


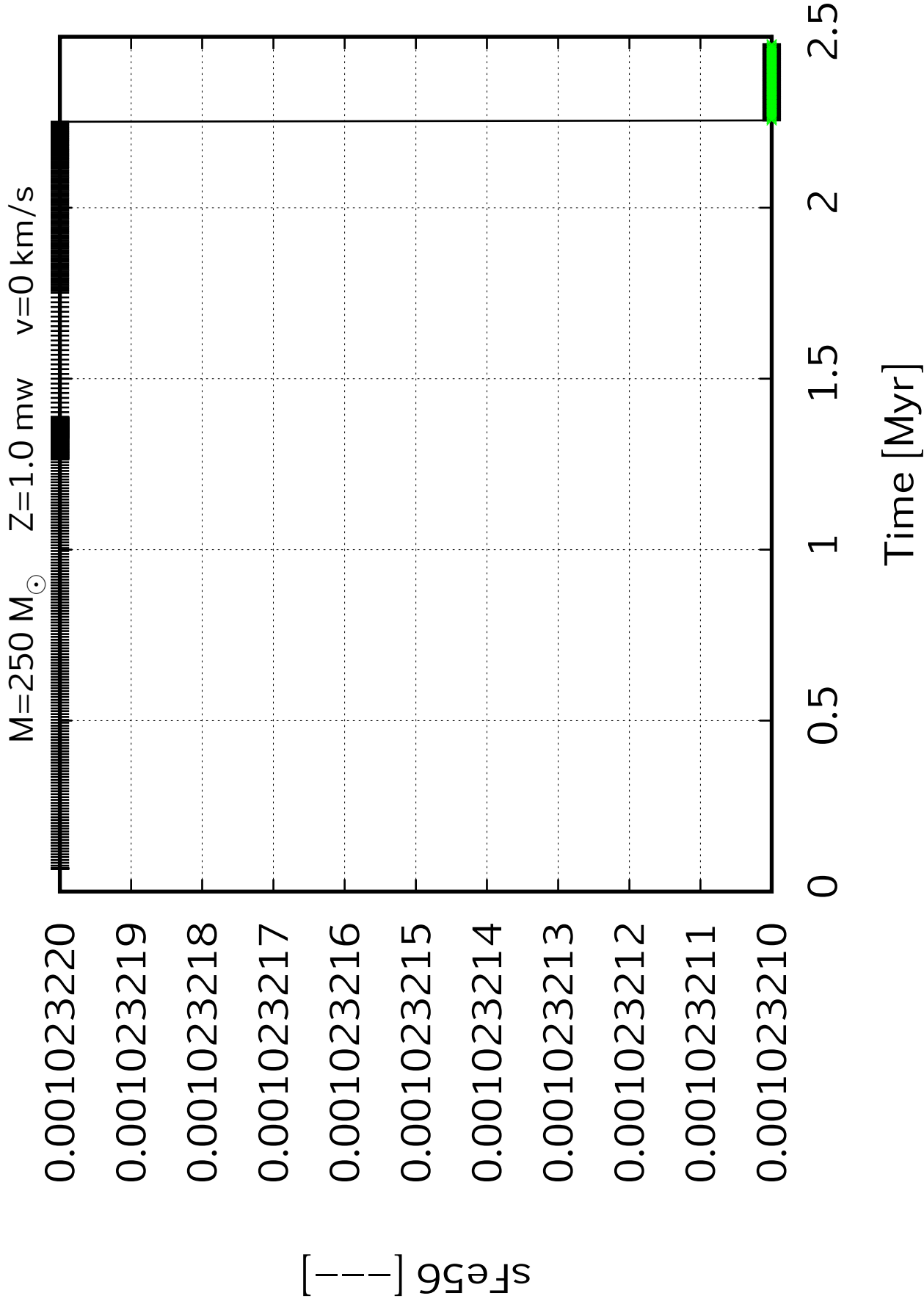
M=250 M_⊙ Z=1.0 mw v=0 km/s

0.000025398
0.000025397
0.000025397
0.000025396
0.000025396
0.000025395
0.000025395
0.000025394
0.000025394
0.000025393

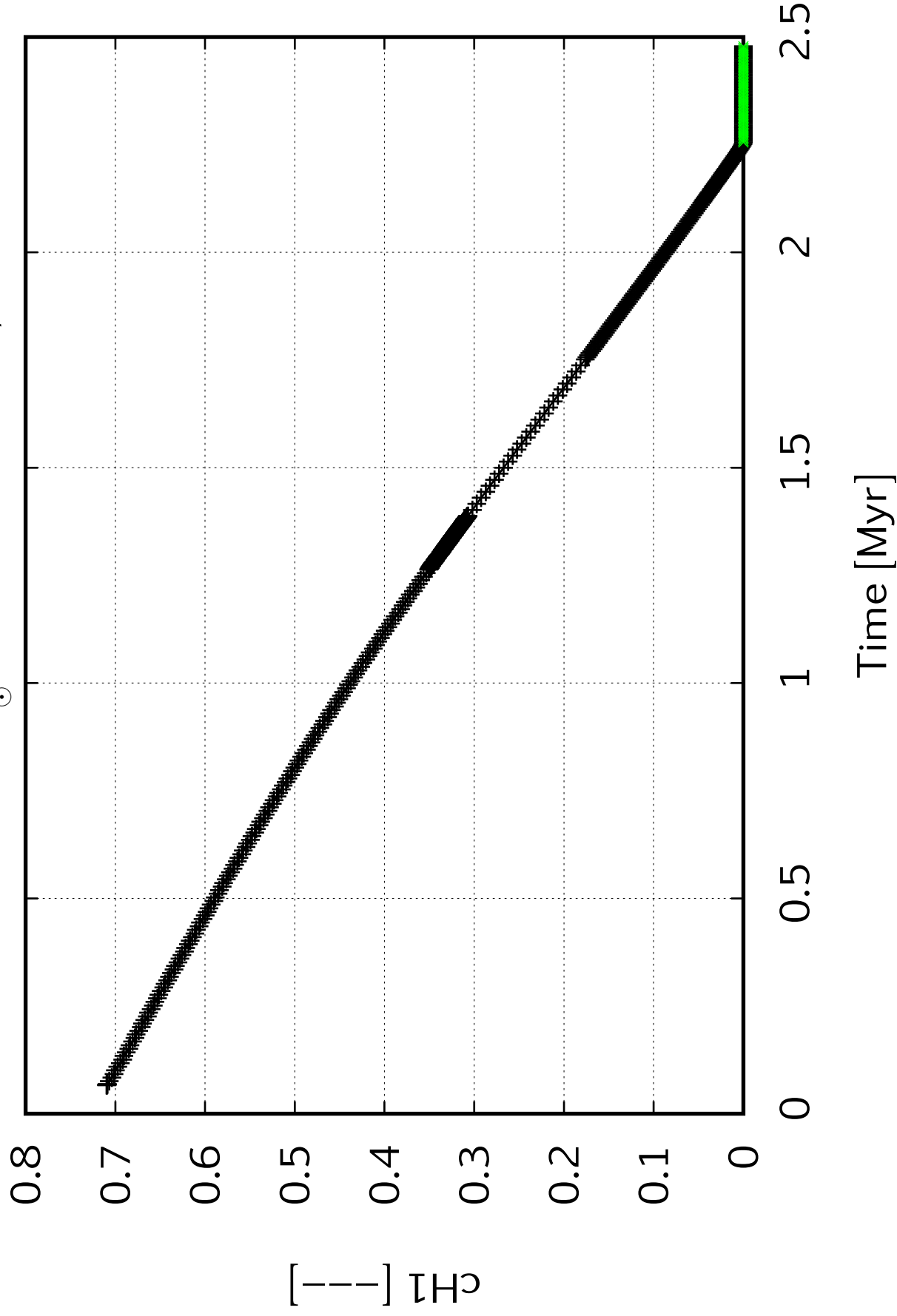
[—] S!29







$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s



M=250 M_⊙ Z=1.0 mw v=0 km/s

1.765×10⁻¹¹

1.76×10⁻¹¹

1.755×10⁻¹¹

1.75×10⁻¹¹

1.745×10⁻¹¹

1.74×10⁻¹¹

1.735×10⁻¹¹

1.73×10⁻¹¹

1.725×10⁻¹¹

[C II]

0

0.5

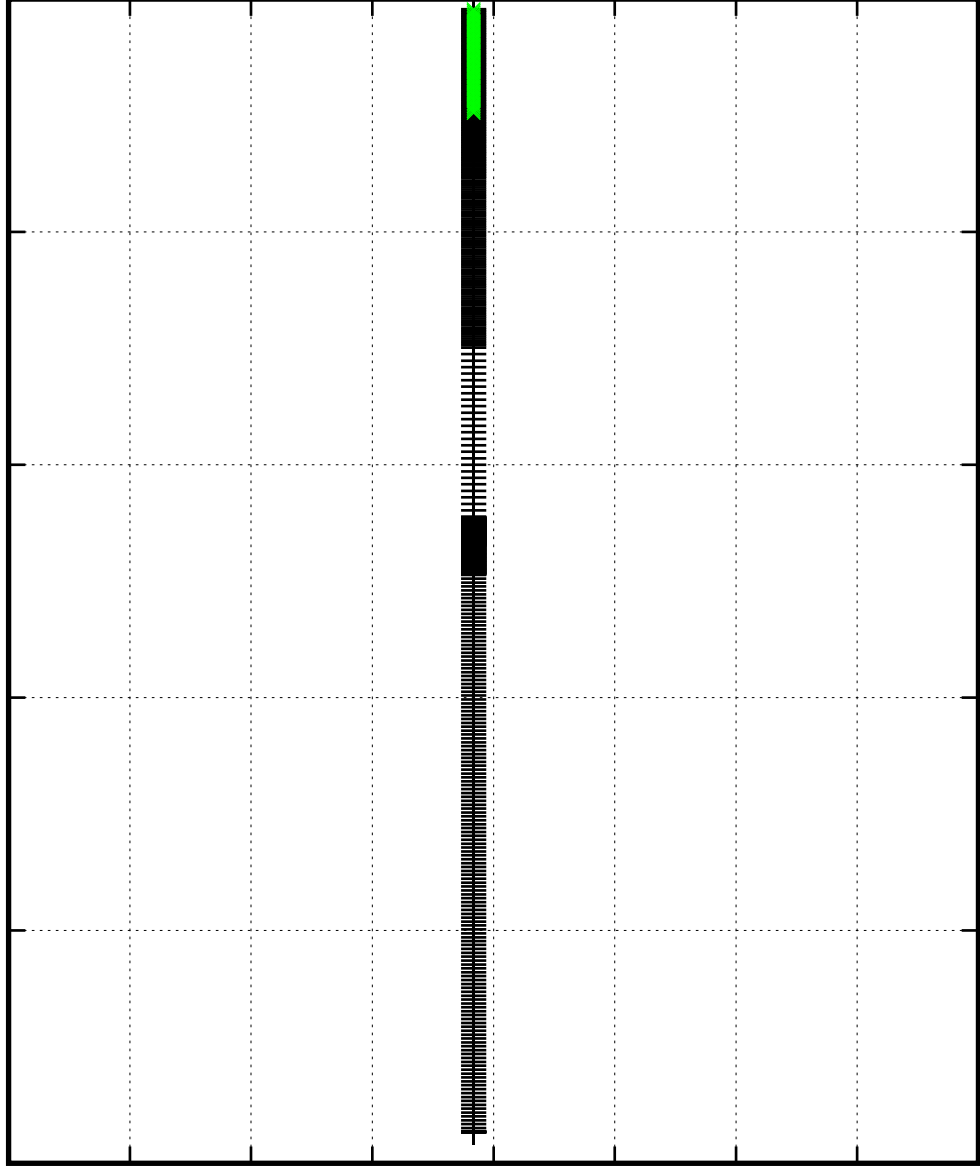
1

1.5

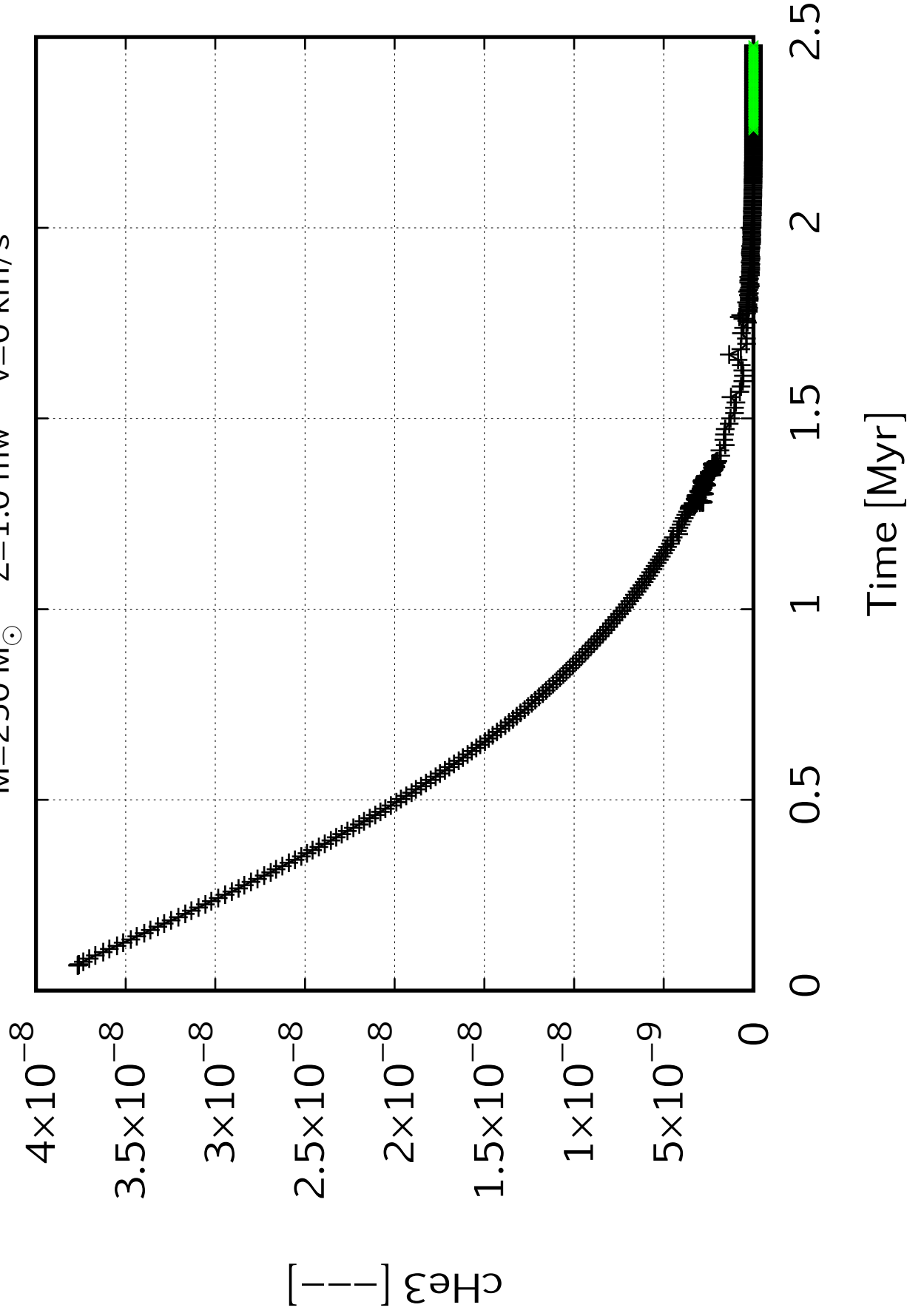
2

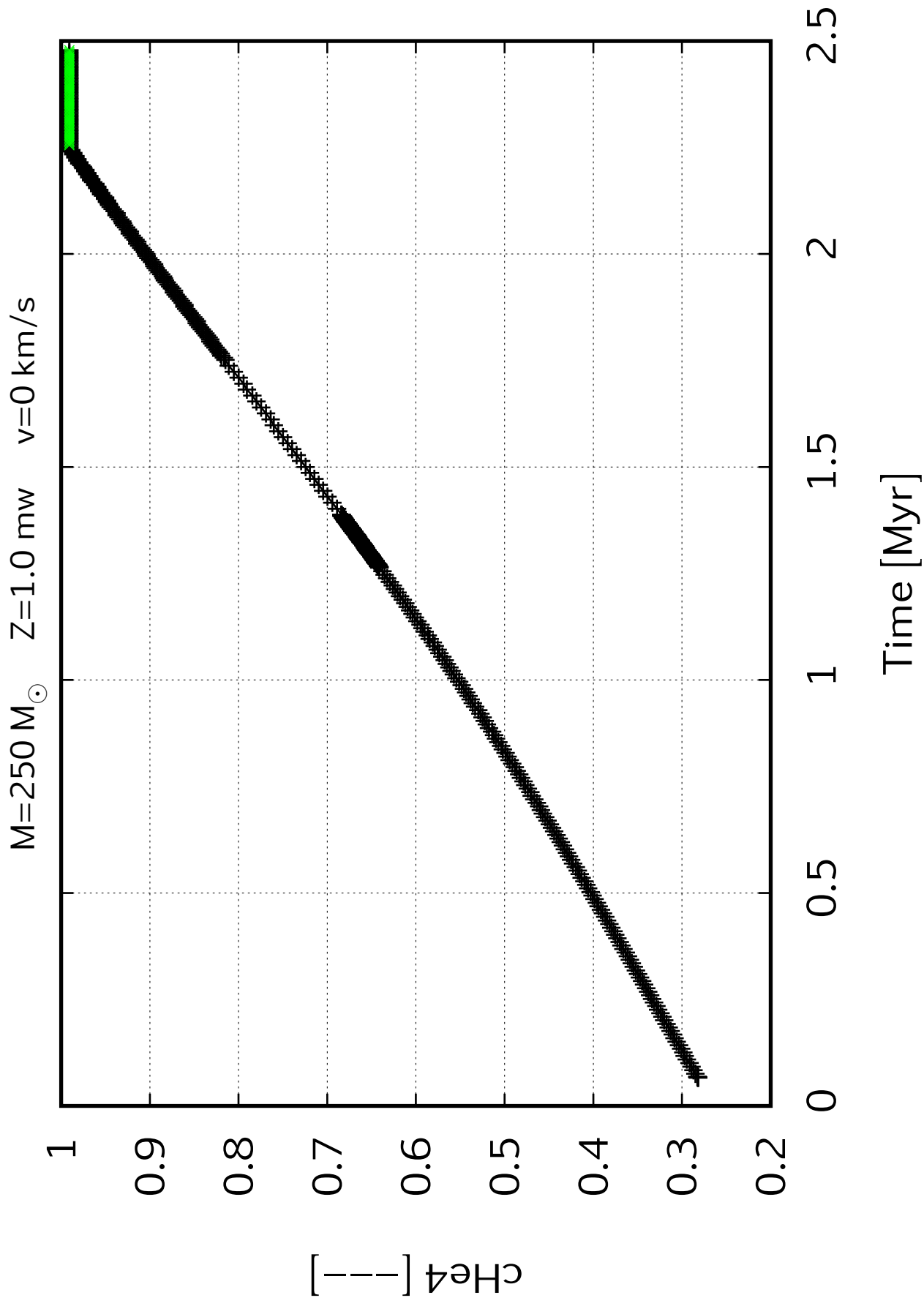
2.5

Time [Myr]



$M=250\,M_{\odot}$ $Z=1.0\,\text{mw}$ $v=0\,\text{km/s}$

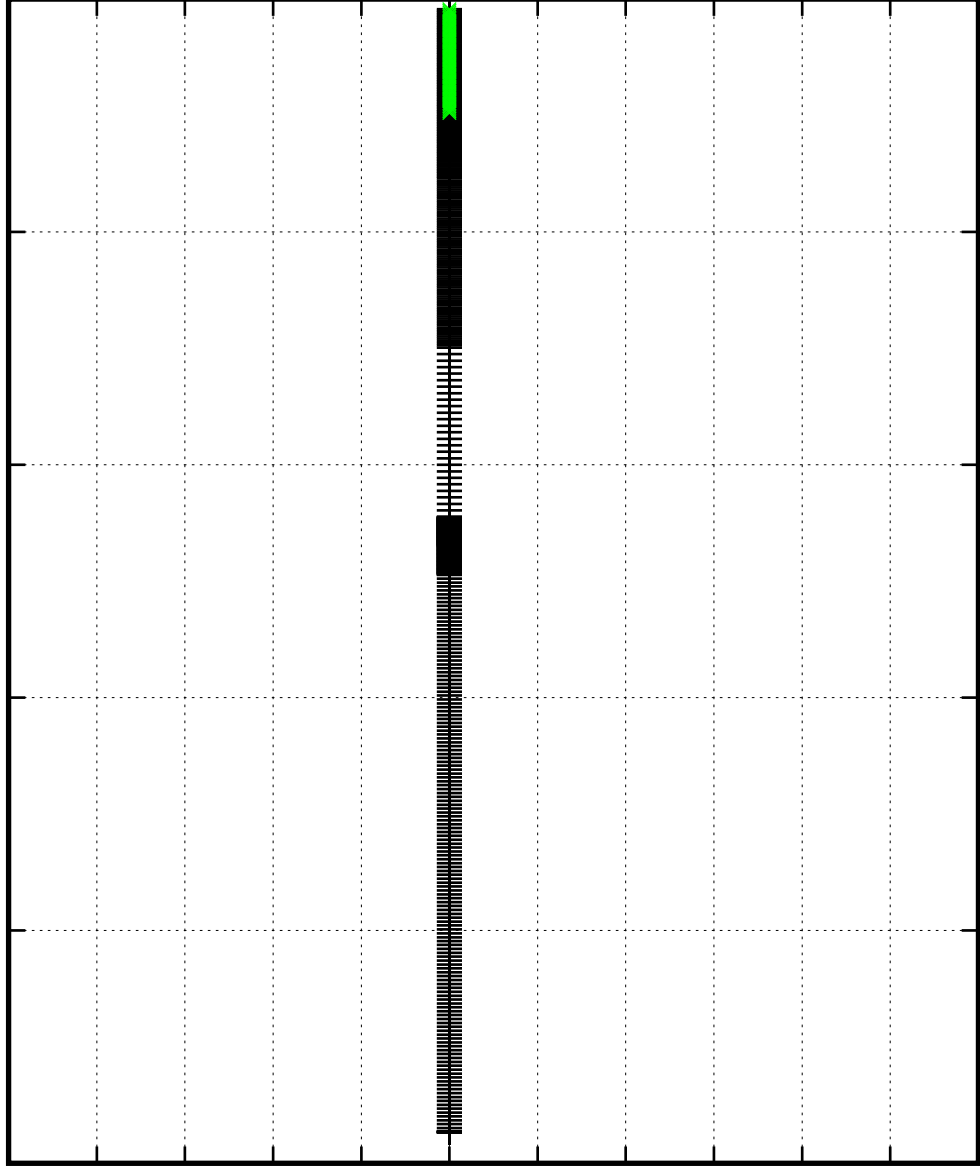




M=250 M_⊙ Z=1.0 mw v=0 km/s

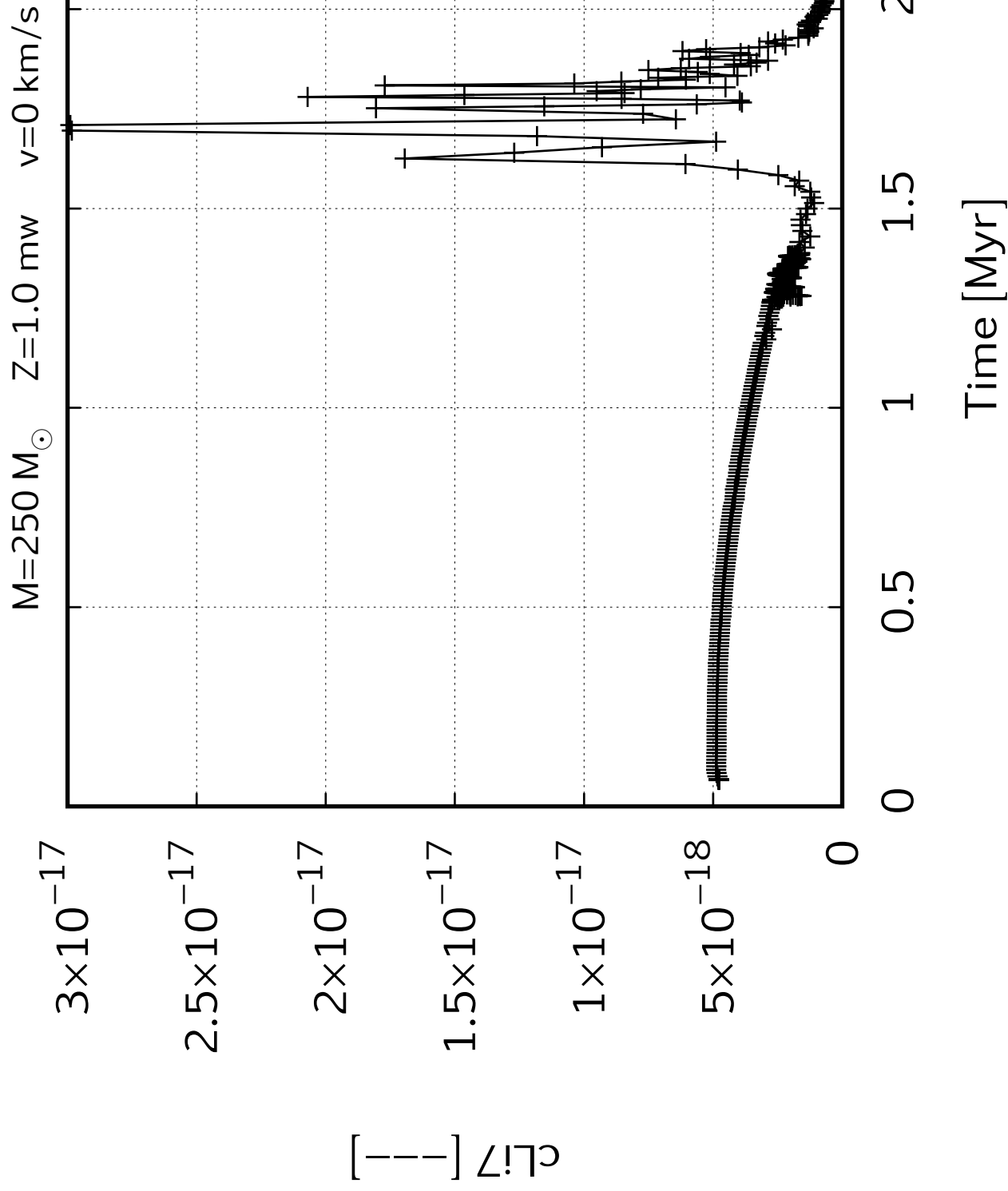
$[\text{Fe}/\text{H}]$

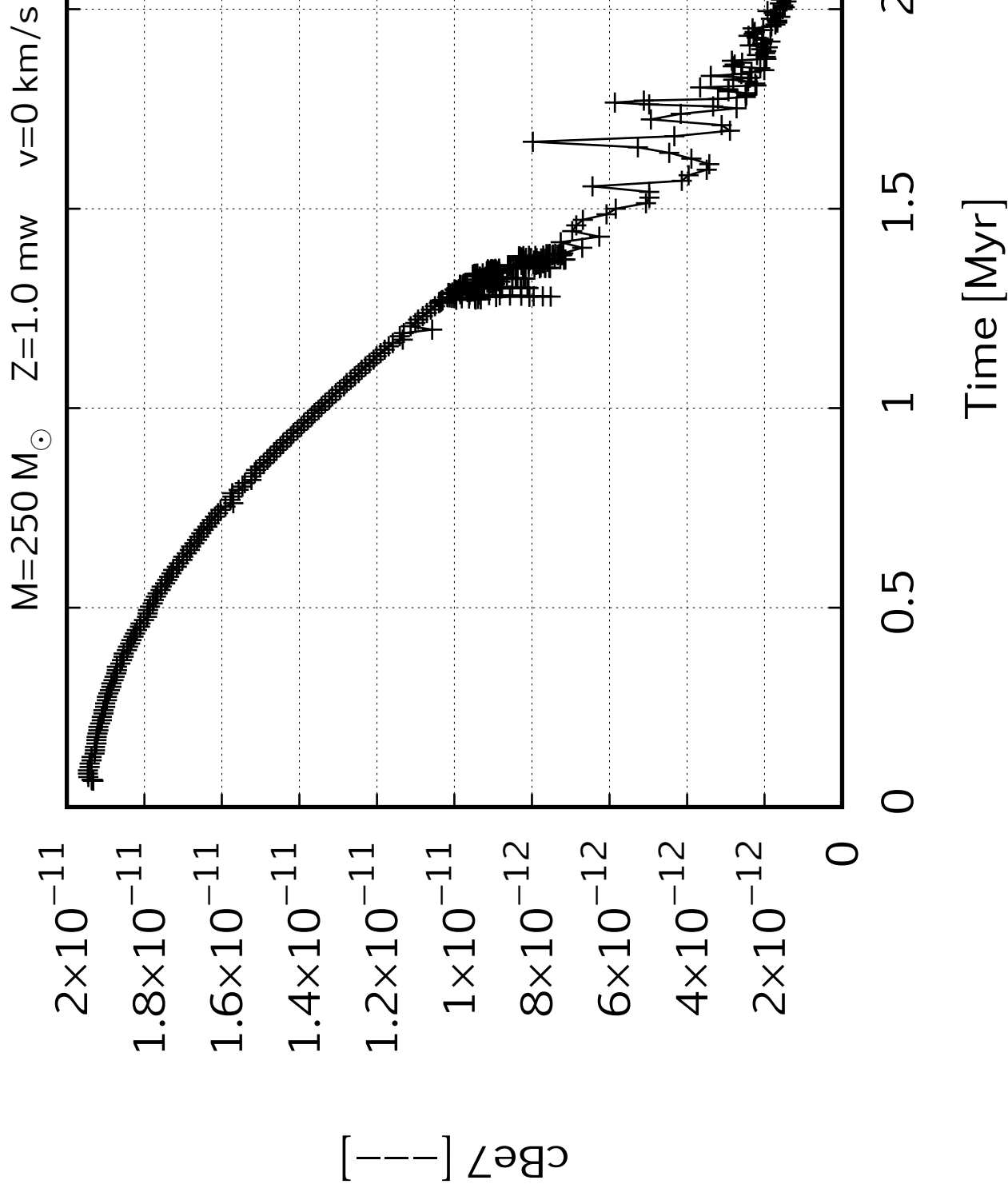
1.01×10^{-99}
 1.008×10^{-99}
 1.006×10^{-99}
 1.004×10^{-99}
 1.002×10^{-99}
 1×10^{-99}
 9.98×10^{-100}
 9.96×10^{-100}
 9.94×10^{-100}
 9.92×10^{-100}
 9.9×10^{-100}
 9.88×10^{-100}



0 0.5 1 1.5 2 2.5

Time [Myr]

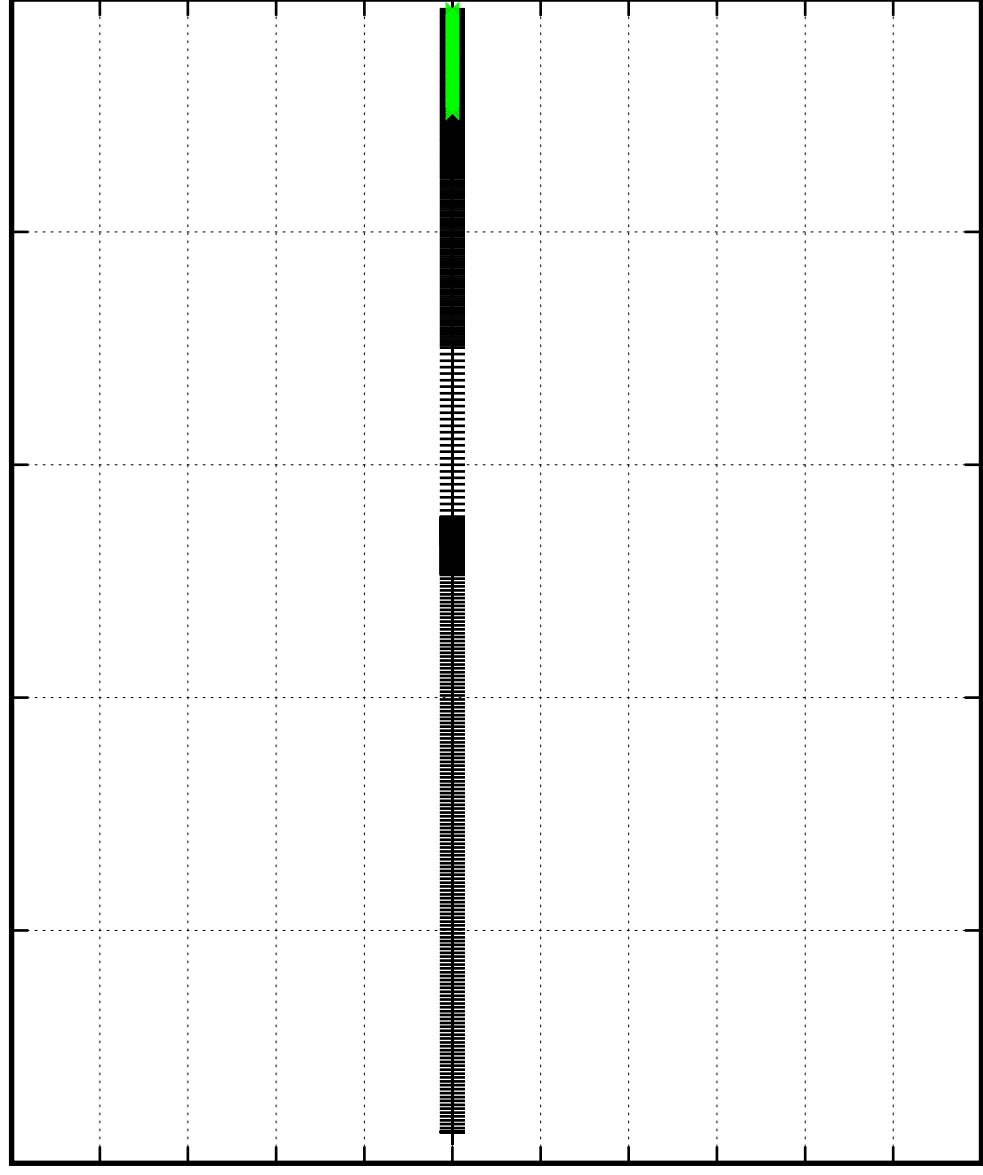


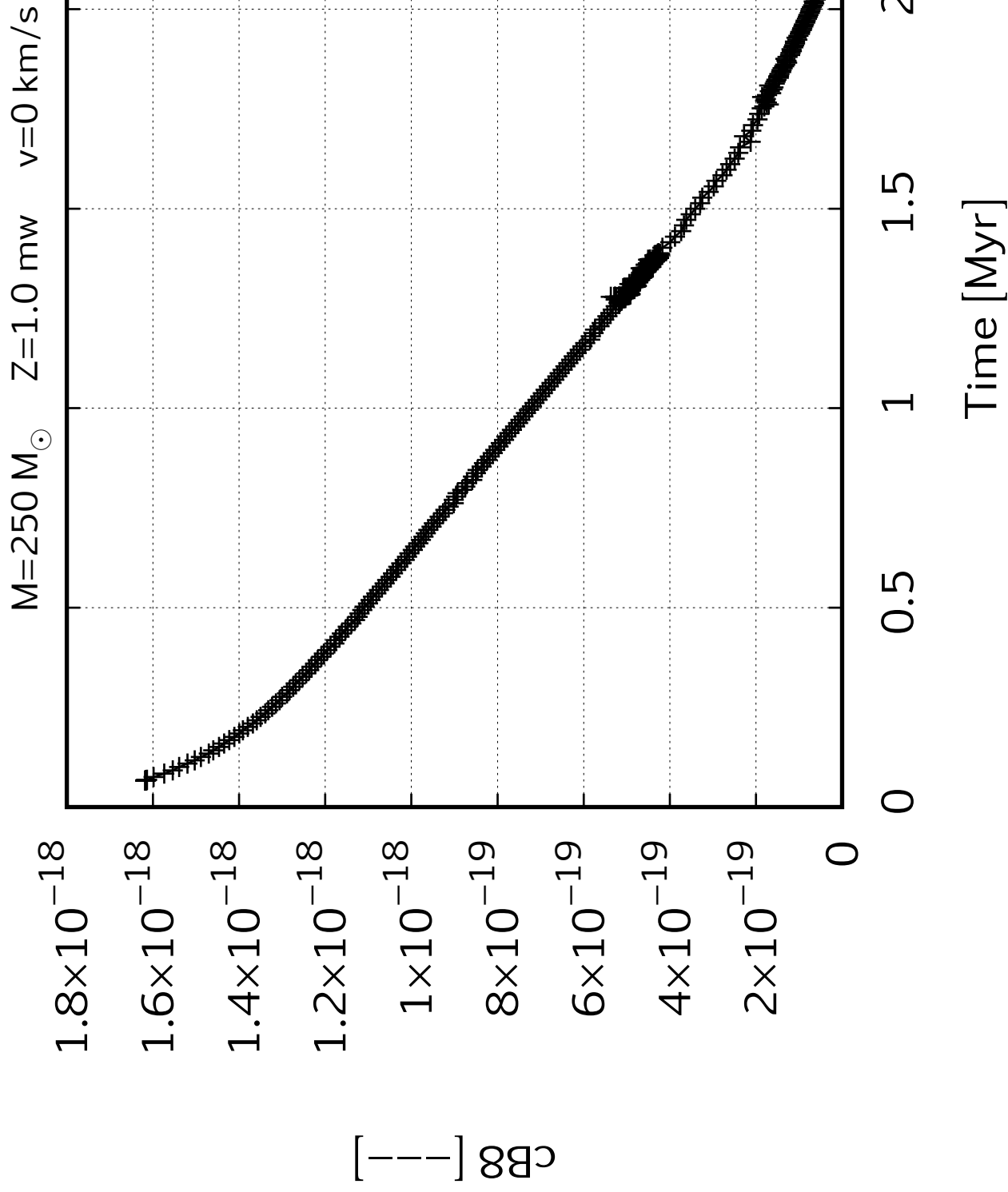


M=250 M_⊙ Z=1.0 mw v=0 km/s

[C II] 235.3 μm

1.01×10⁻⁹⁹
1.008×10⁻⁹⁹
1.006×10⁻⁹⁹
1.004×10⁻⁹⁹
1.002×10⁻⁹⁹
1×10⁻⁹⁹
9.98×10⁻¹⁰⁰
9.96×10⁻¹⁰⁰
9.94×10⁻¹⁰⁰
9.92×10⁻¹⁰⁰
9.9×10⁻¹⁰⁰
9.88×10⁻¹⁰⁰

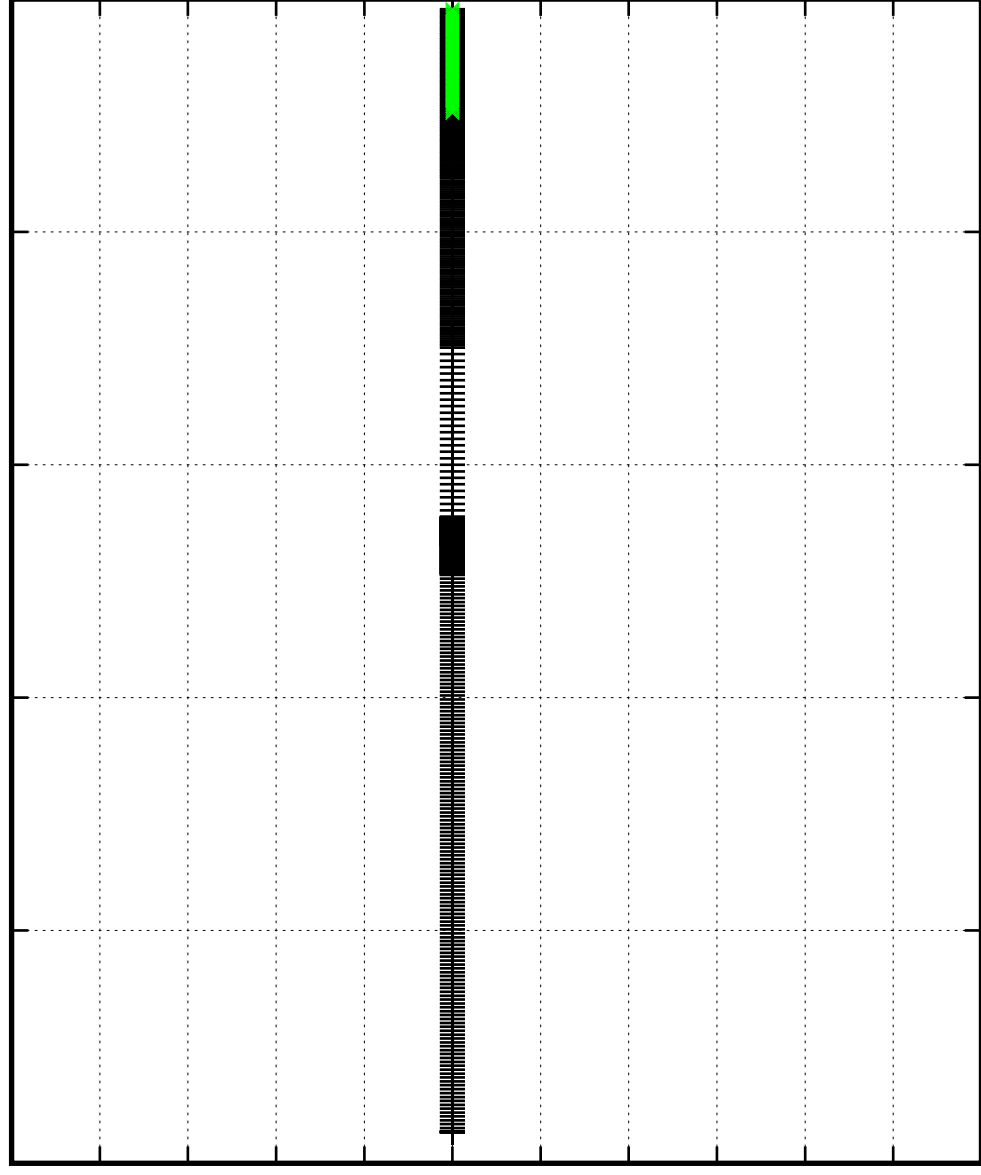




M=250 M_⊙ Z=1.0 mw v=0 km/s

1.01×10^{-99}
 1.008×10^{-99}
 1.006×10^{-99}
 1.004×10^{-99}
 1.002×10^{-99}
 1×10^{-99}
 9.98×10^{-100}
 9.96×10^{-100}
 9.94×10^{-100}
 9.92×10^{-100}
 9.9×10^{-100}
 9.88×10^{-100}

[C II]



Time [Myr]

$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

9×10^{-28}

8×10^{-28}

7×10^{-28}

6×10^{-28}

5×10^{-28}

4×10^{-28}

3×10^{-28}

2×10^{-28}

1×10^{-28}

0

$[I]$

0

0.5

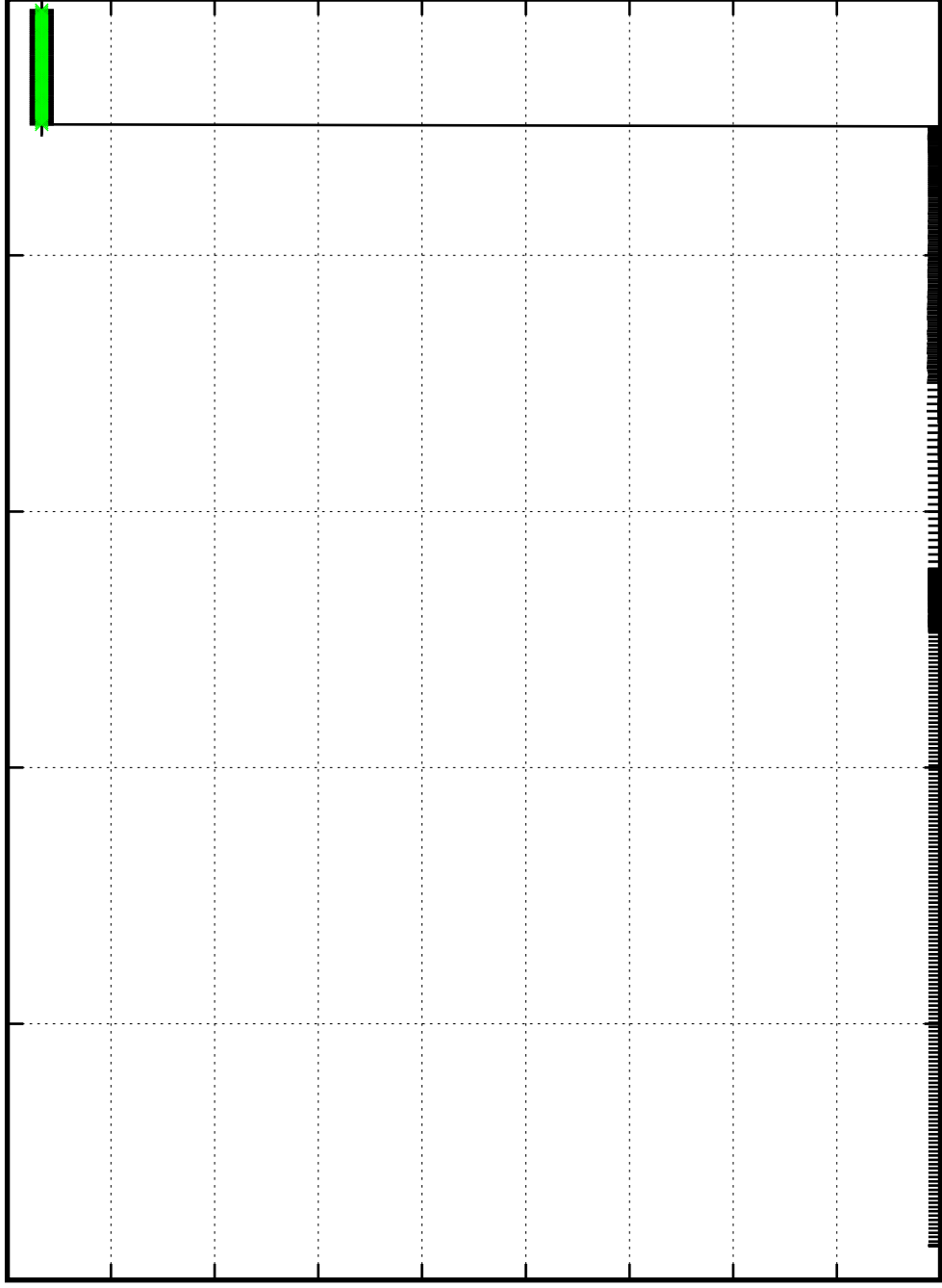
1

1.5

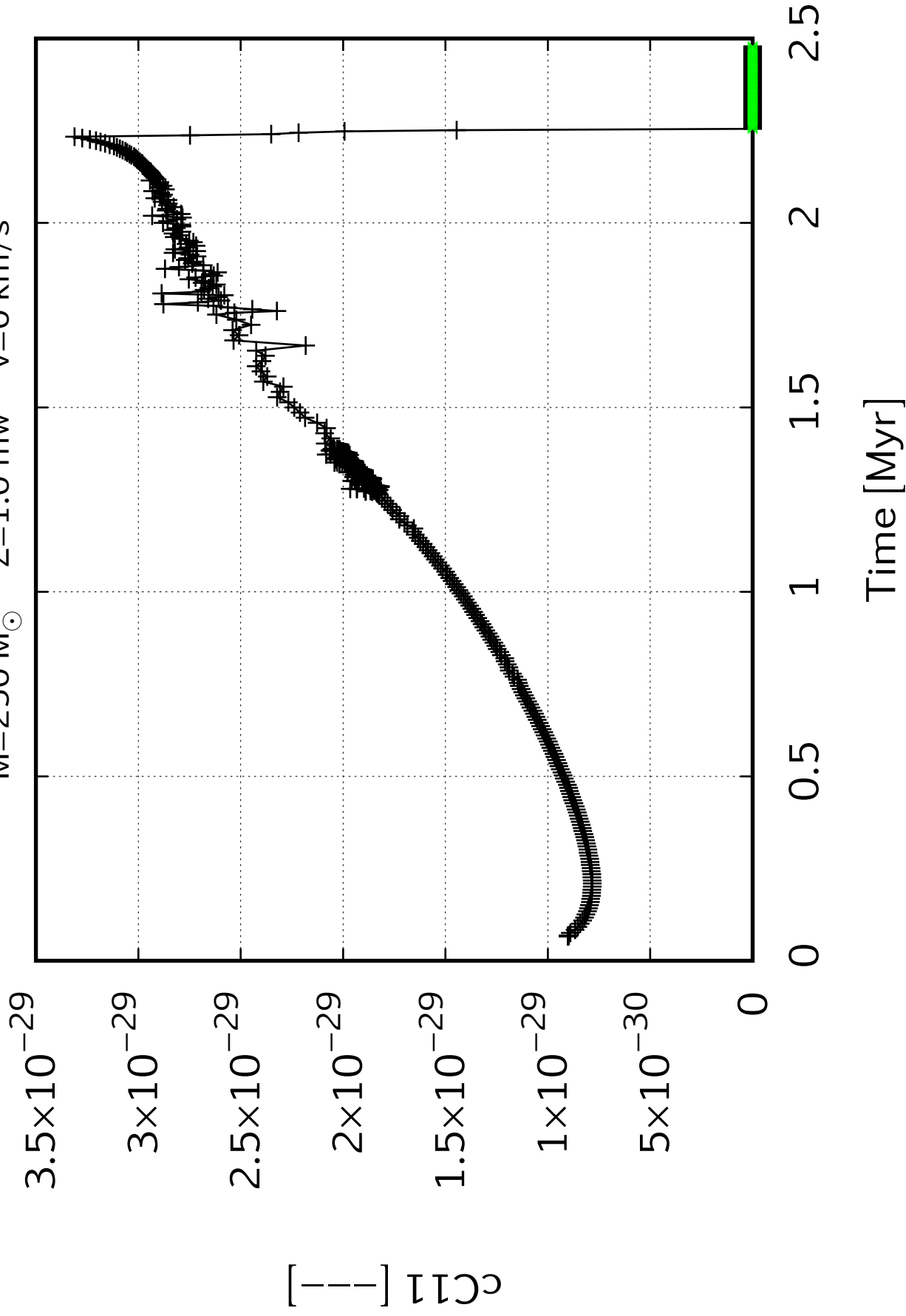
2

2.5

Time [Myr]



$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s



$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

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

0

0.5

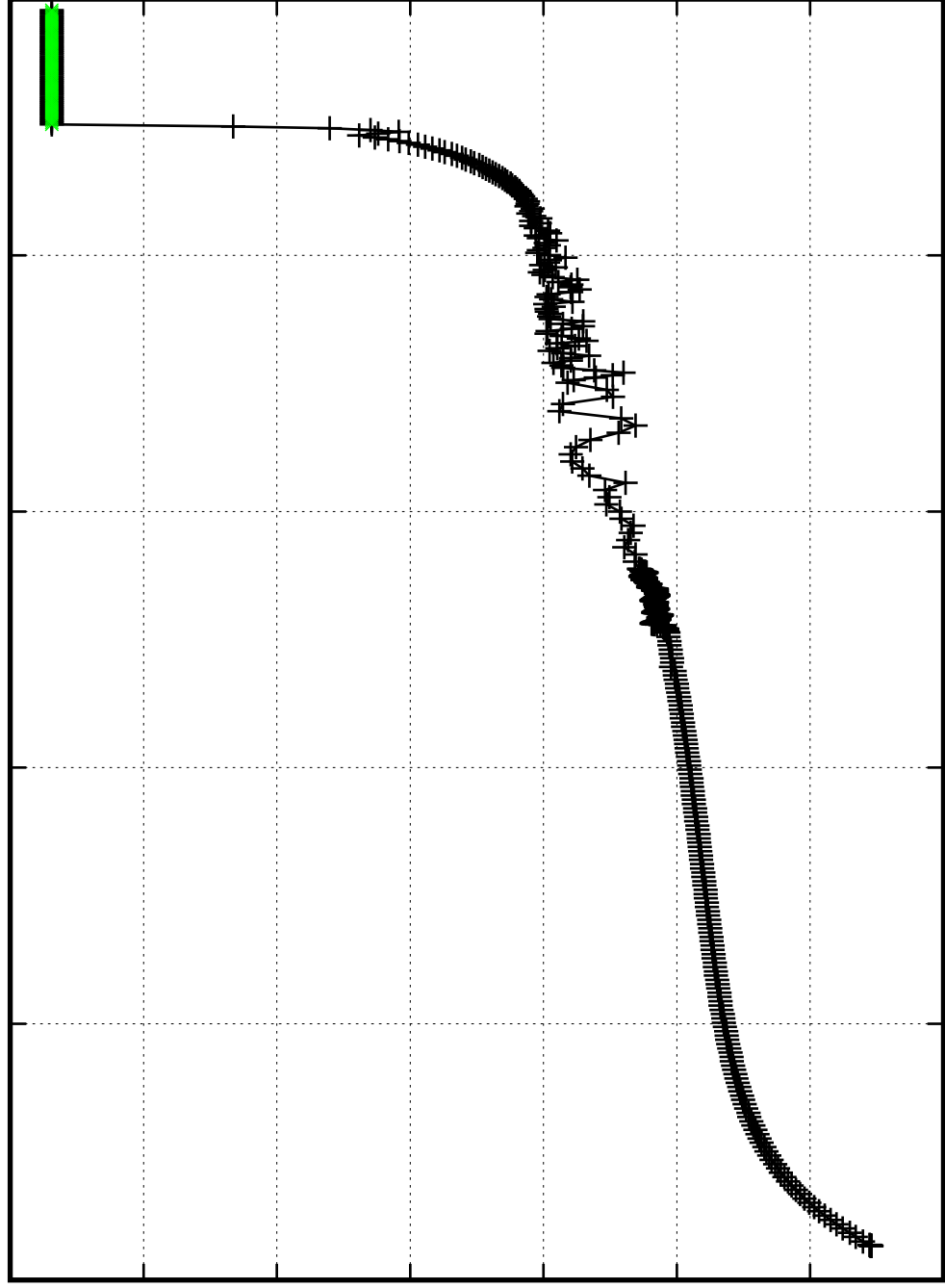
1

1.5

2

2.5

Time [Myr]



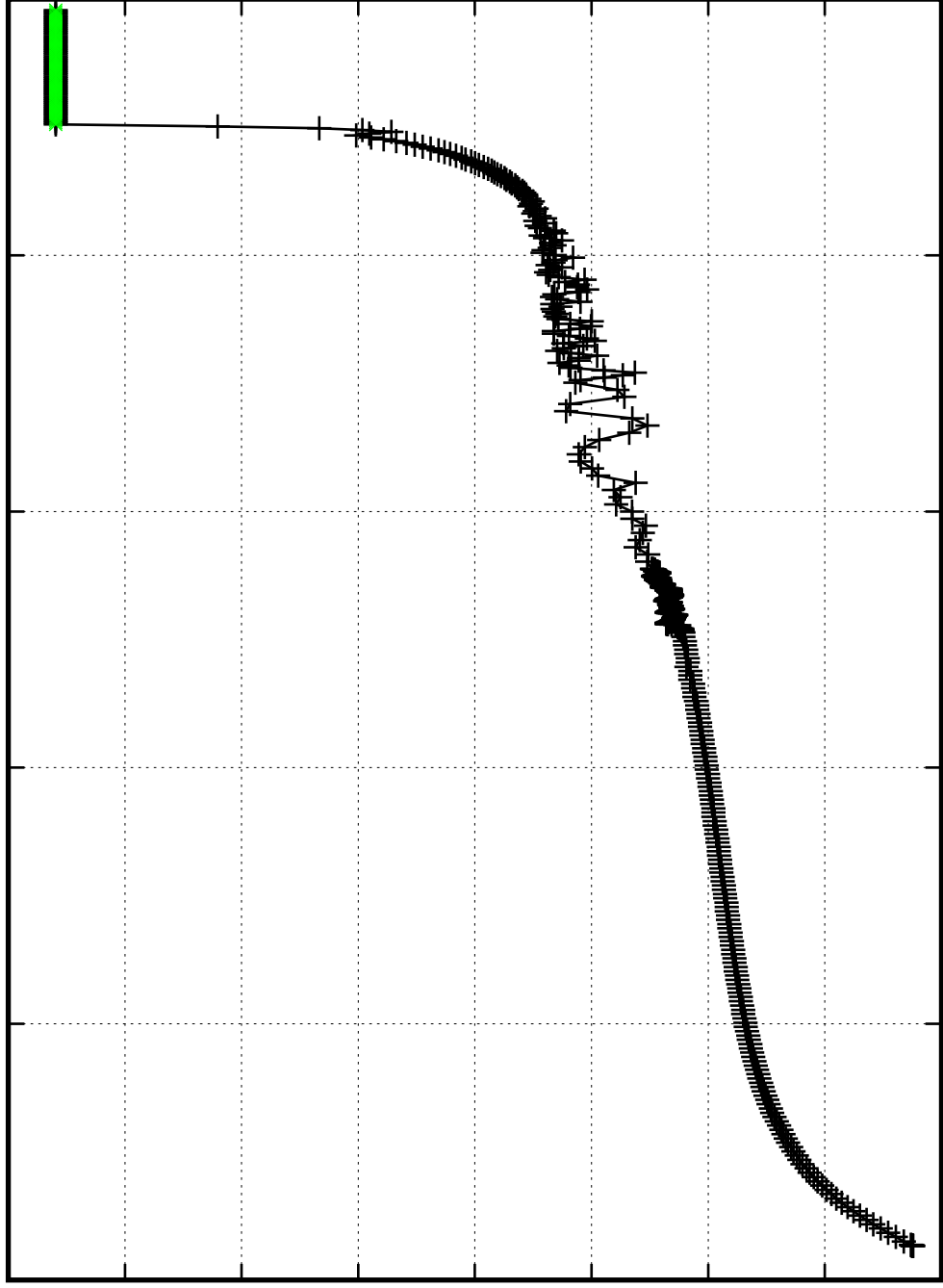
$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

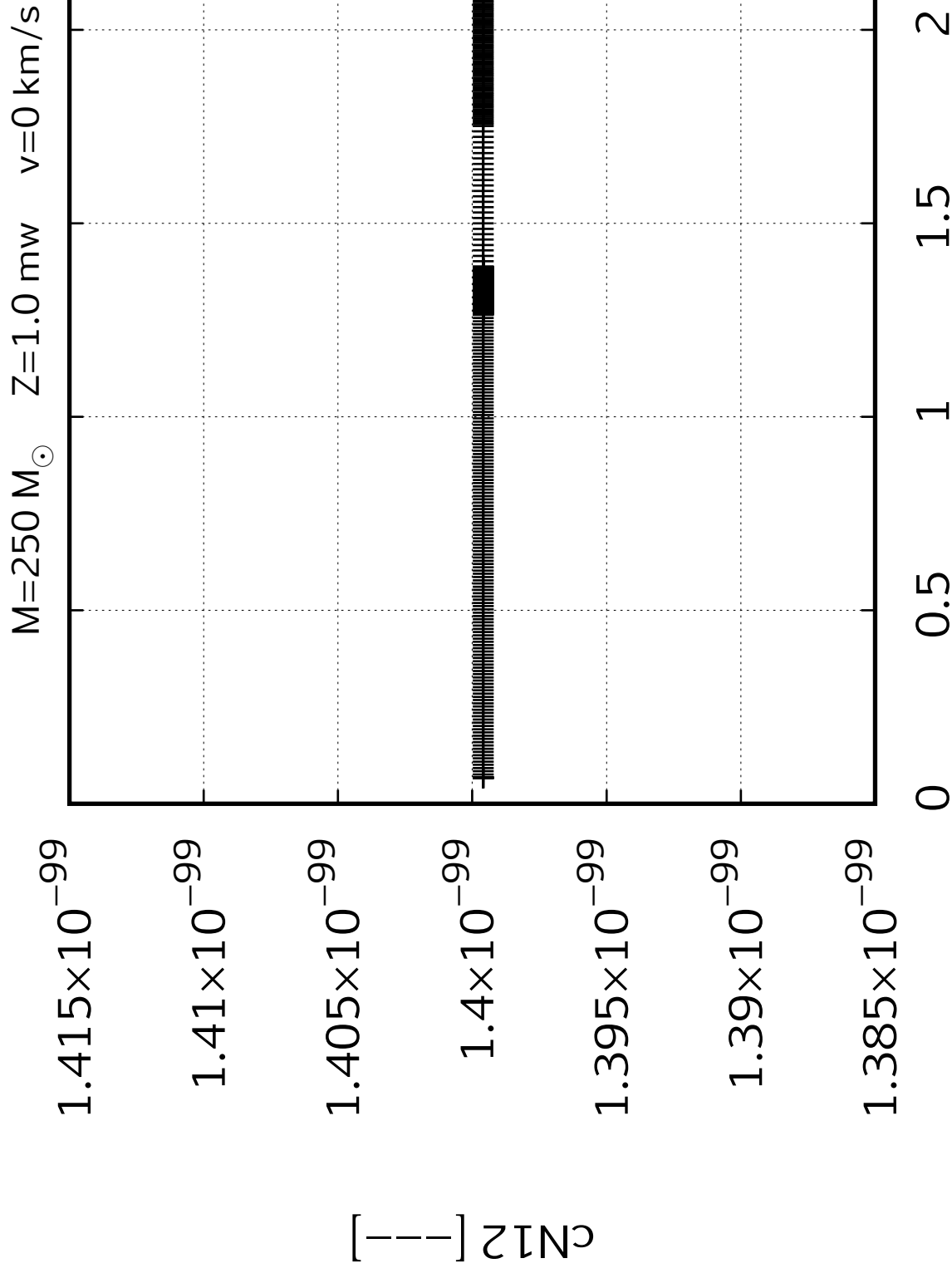
c_{13} [—]

0.00006
0.00005
0.00005
0.00004
0.00004
0.00003
0.00003
0.00002
0.00002

0 0.5 1 1.5 2 2.5

Time [Myr]





$M=250 M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

0.0054
0.0052
0.005
0.0048
0.0046
0.0044
0.0042
0.004
0.0038
0.0036
0.0034
0.0032

$cN_{14} []$

0

0.5

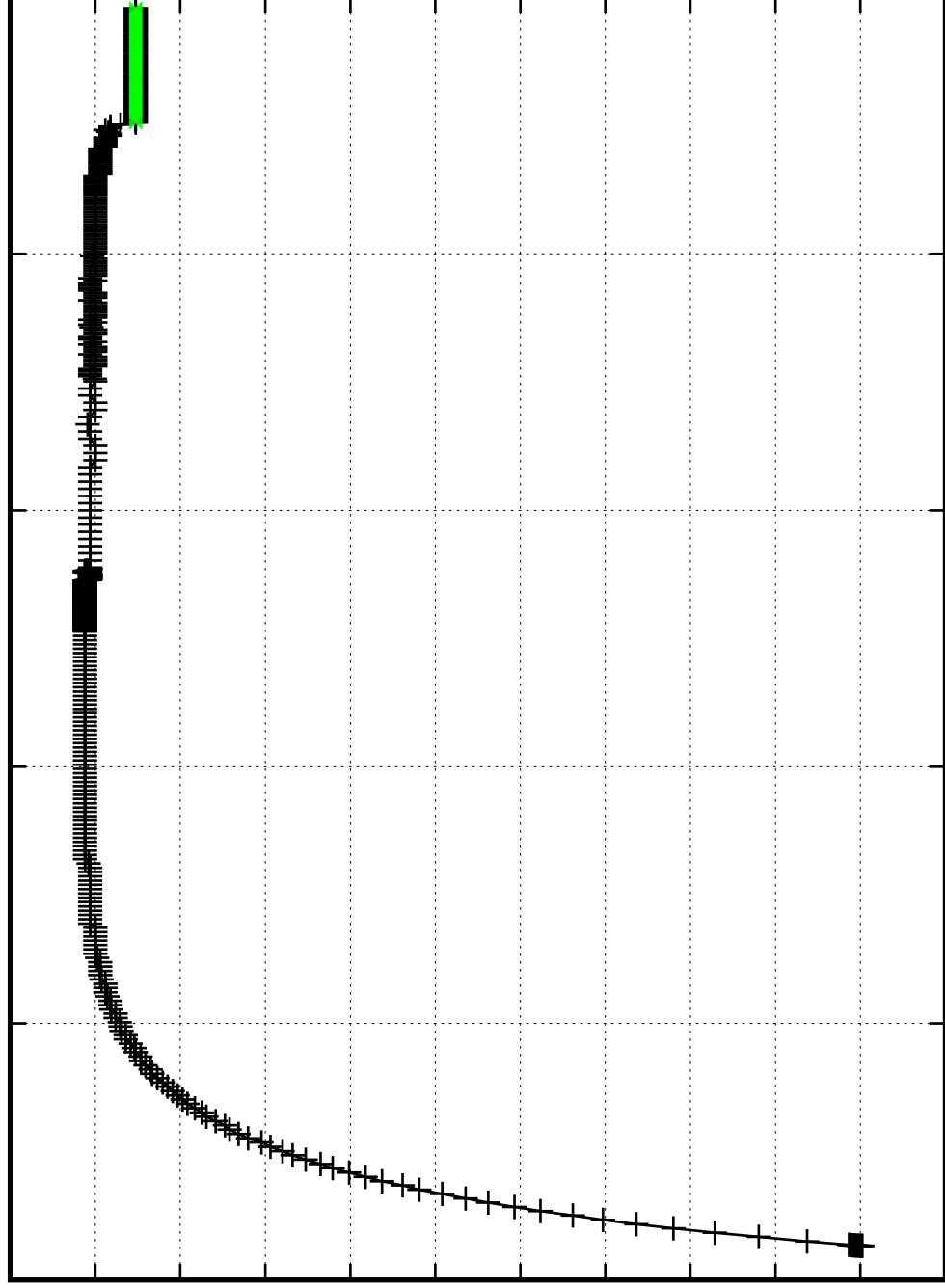
1

1.5

2

2.5

Time [Myr]



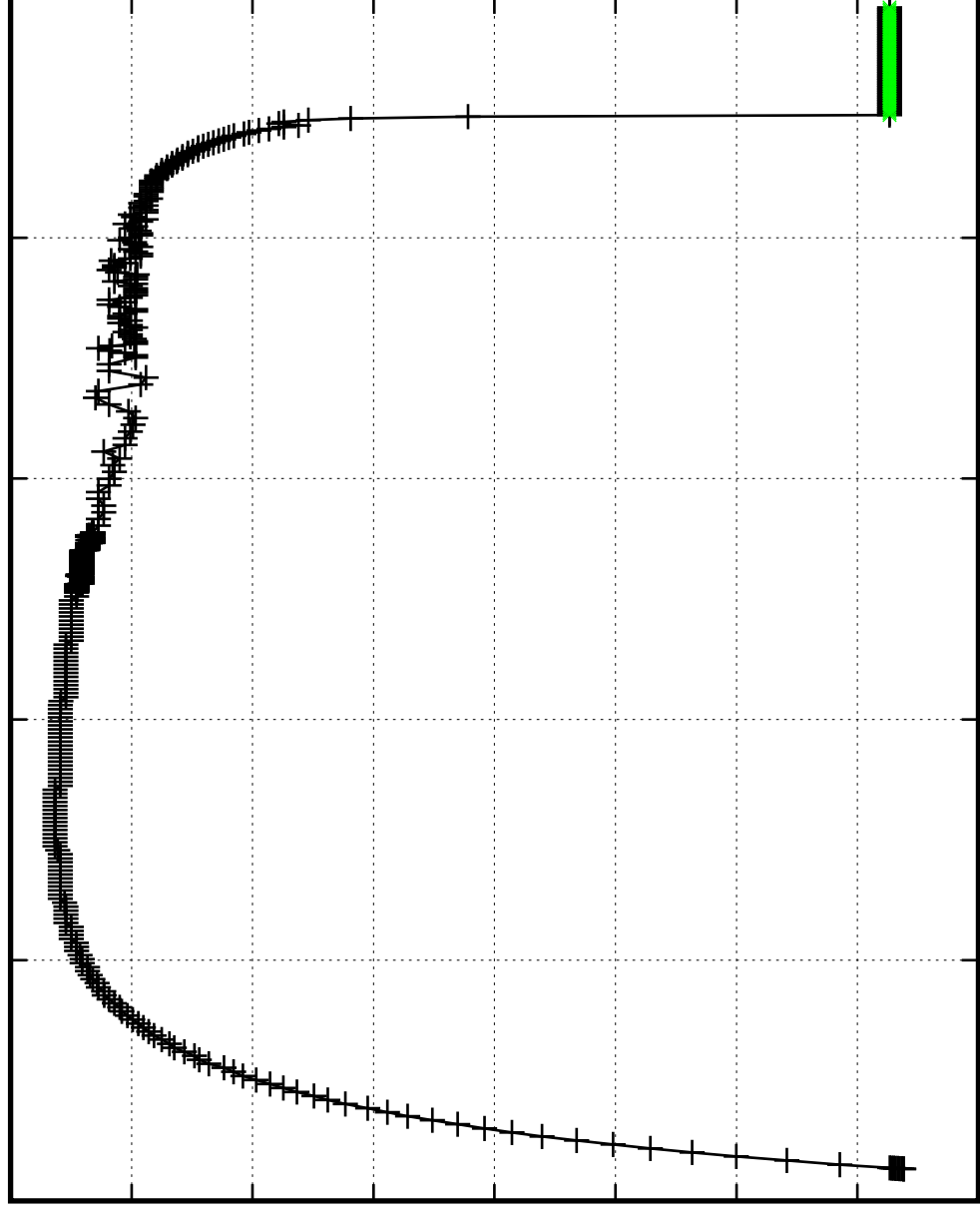
$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

0.00000020
0.00000019
0.00000018
0.00000017
0.00000016
0.00000015
0.00000014
0.00000013
0.00000012

$cN_{15} [-]$

0 0.5 1 1.5 2 2.5

Time [Myr]



$M=250 M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

0.0025

0.002

0.0015

0.001

0.0005

0

$[\text{C II}]$

0

0.5

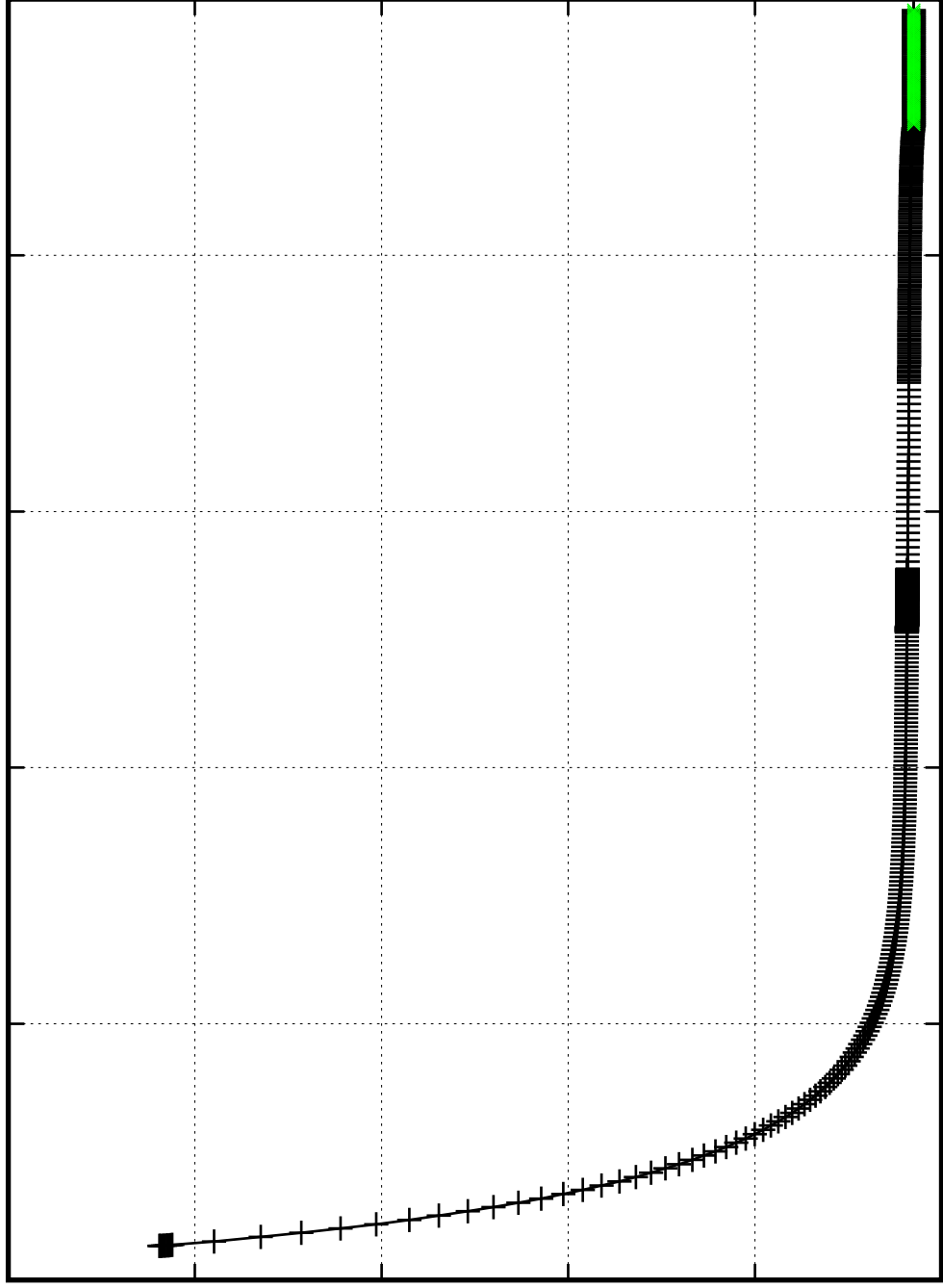
1

1.5

2

2.5

Time [Myr]



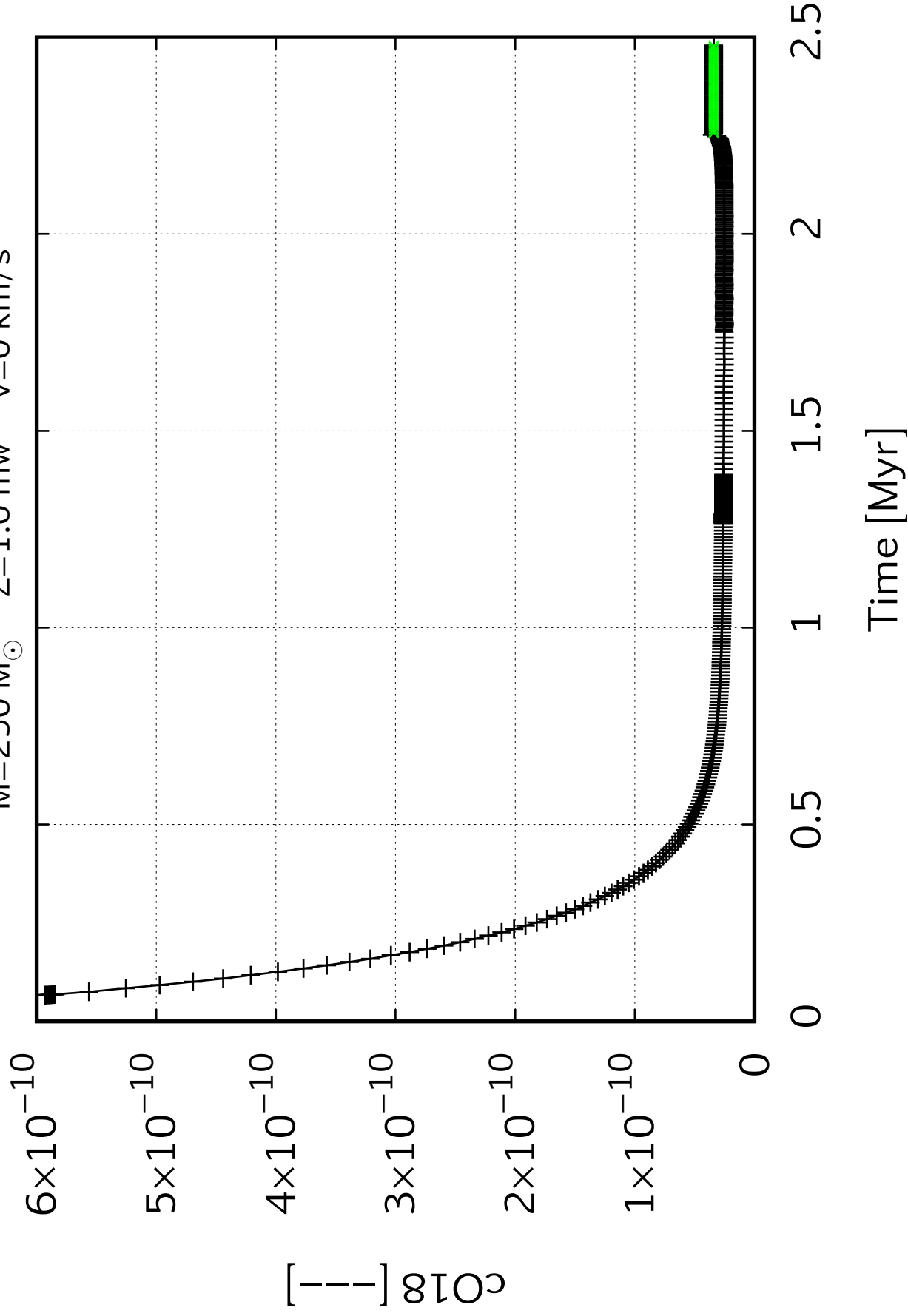
$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

$[\text{O}17]$

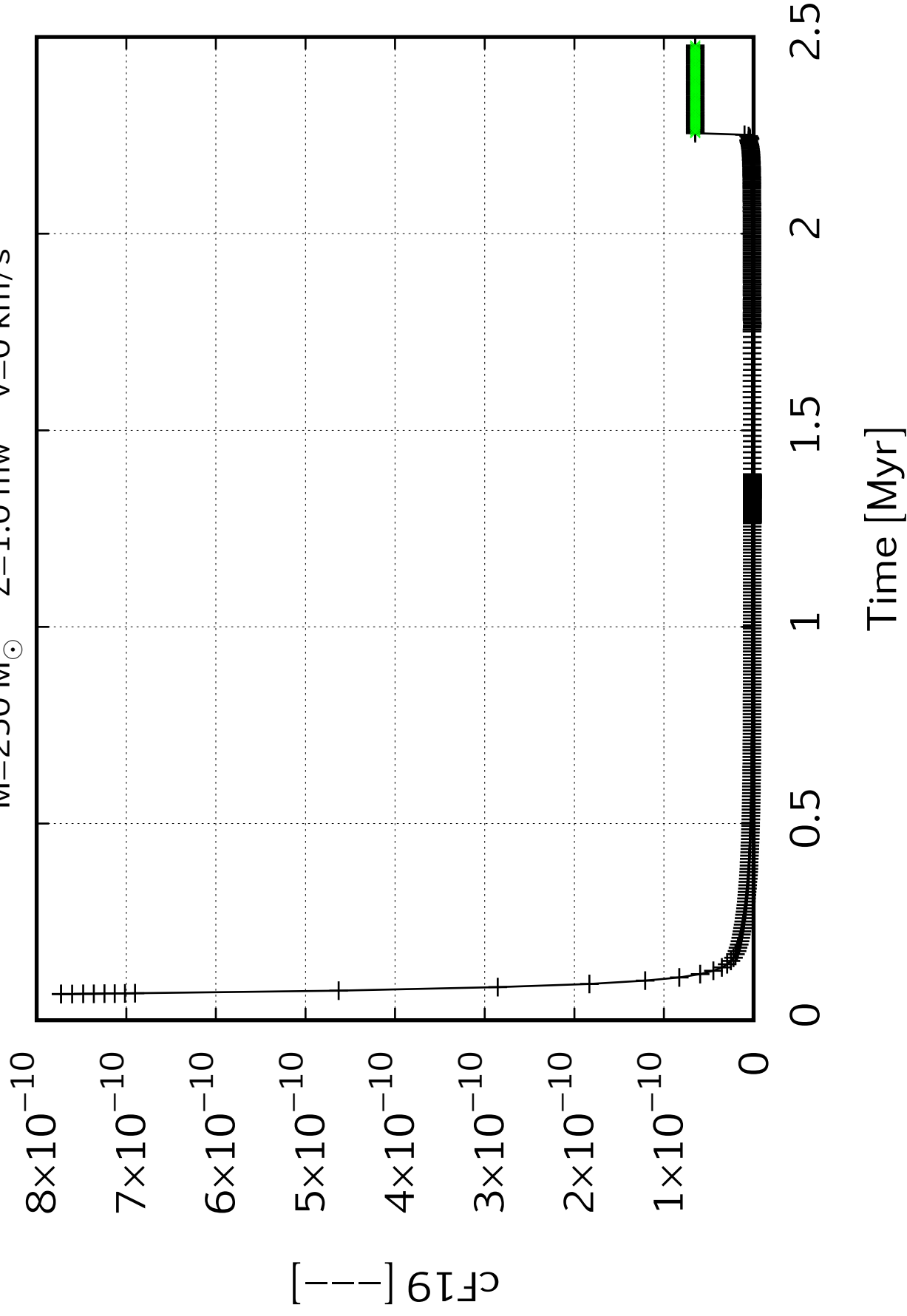
Time [Myr]	$[\text{O}17]$
0.0	0.000005
0.1	0.000006
0.2	0.000007
0.3	0.000008
0.4	0.000009
0.5	0.000010
0.6	0.000012
0.7	0.000015
0.8	0.000020
0.9	0.000030
1.0	0.000050
1.1	0.000100
1.2	0.000150
1.3	0.000155
1.4	0.000155
1.5	0.000155
1.6	0.000155
1.7	0.000155
1.8	0.000155
1.9	0.000155
2.0	0.000155
2.1	0.000155
2.2	0.000155
2.3	0.000155
2.4	0.000155
2.5	0.000155

Time [Myr]

$M=250 M_{\odot}$ $Z=1.0$ mw $v=0$ km/s



$M=250 M_{\odot}$ $Z=1.0$ mw $v=0$ km/s



$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

0.00094

0.00093

0.00092

0.00091

0.00090

0.00089

0.00088

0.00087

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

0

0.5

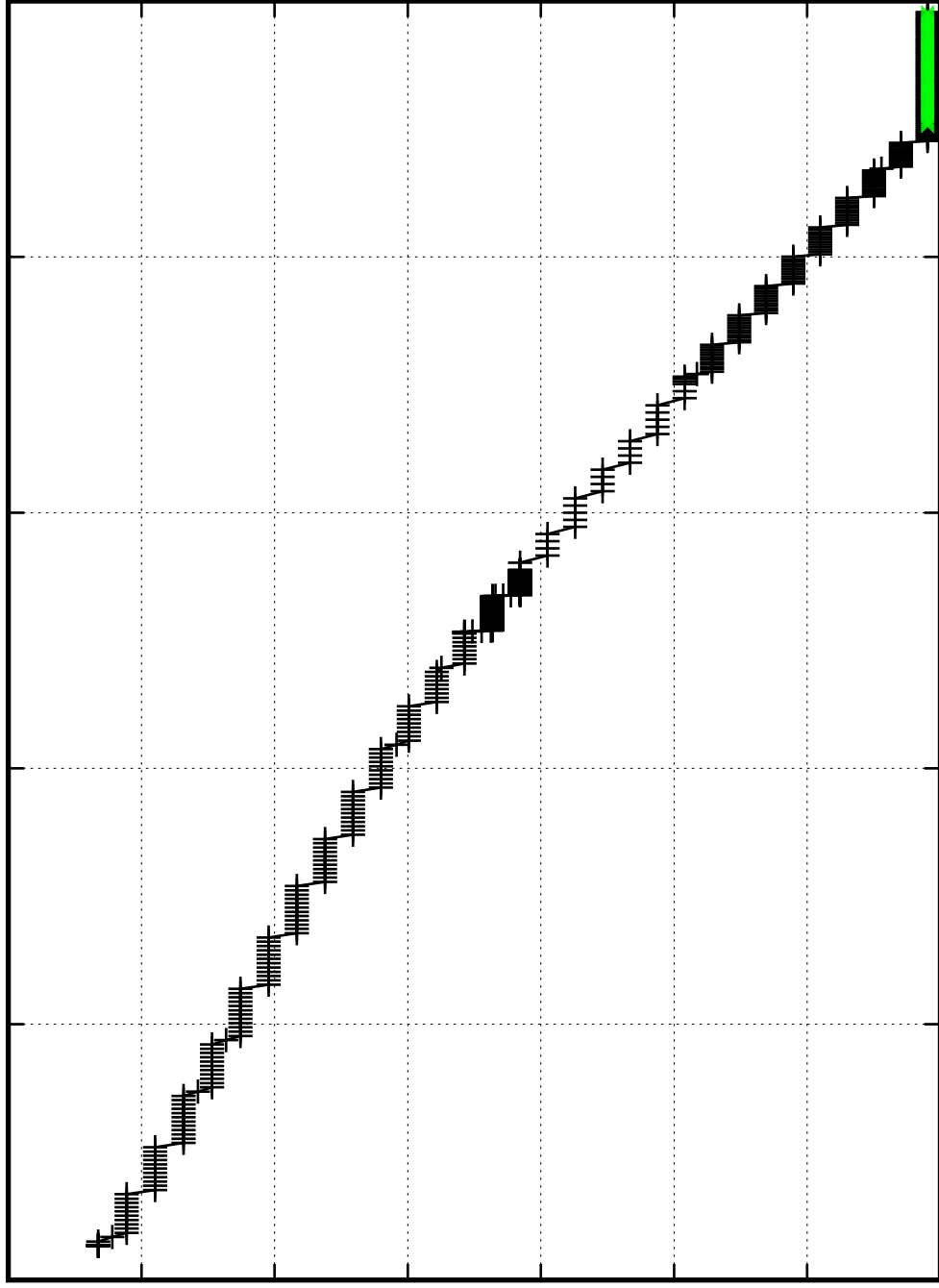
1

1.5

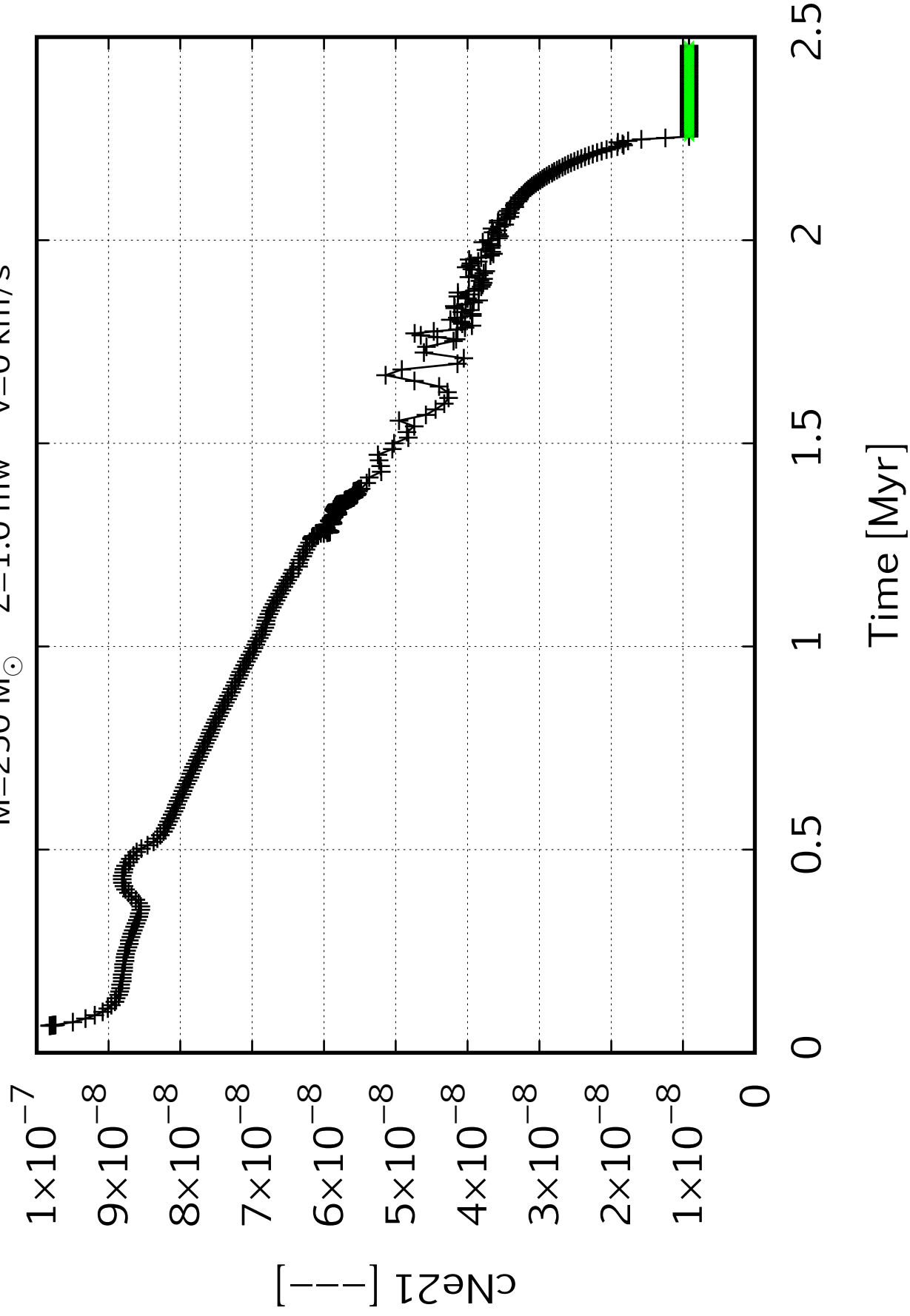
2

2.5

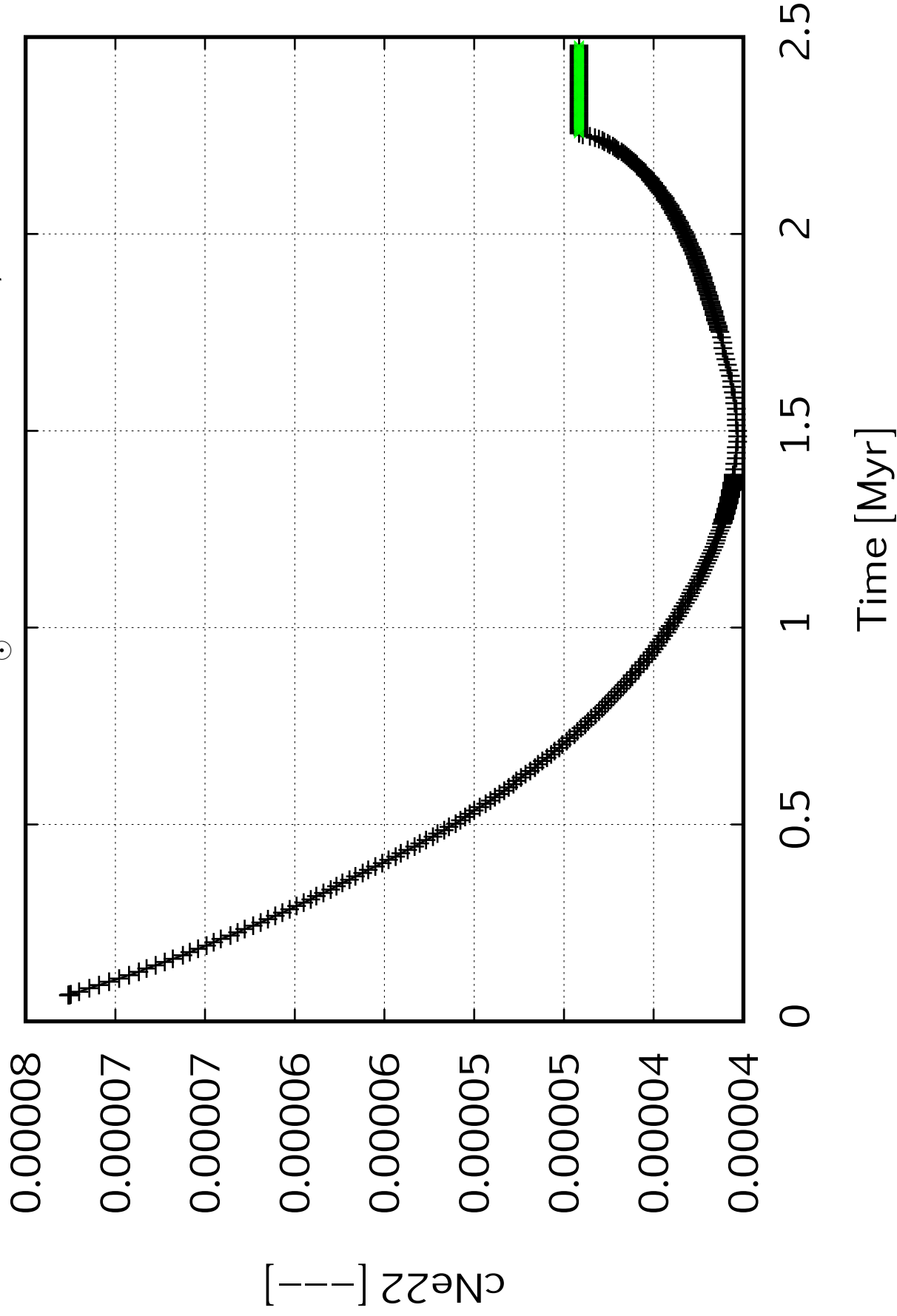
Time [Myr]



$M=250\,M_{\odot}$ $Z=1.0\,m_{\odot}$ $v=0\,\text{km/s}$



$M=250\,M_{\odot}$ $Z=1.0\,\text{mw}$ $v=0\,\text{km/s}$



$M=250 M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

0.00014

0.00012

0.00010

0.00008

0.00006

0.00004

0.00002

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

0

0.5

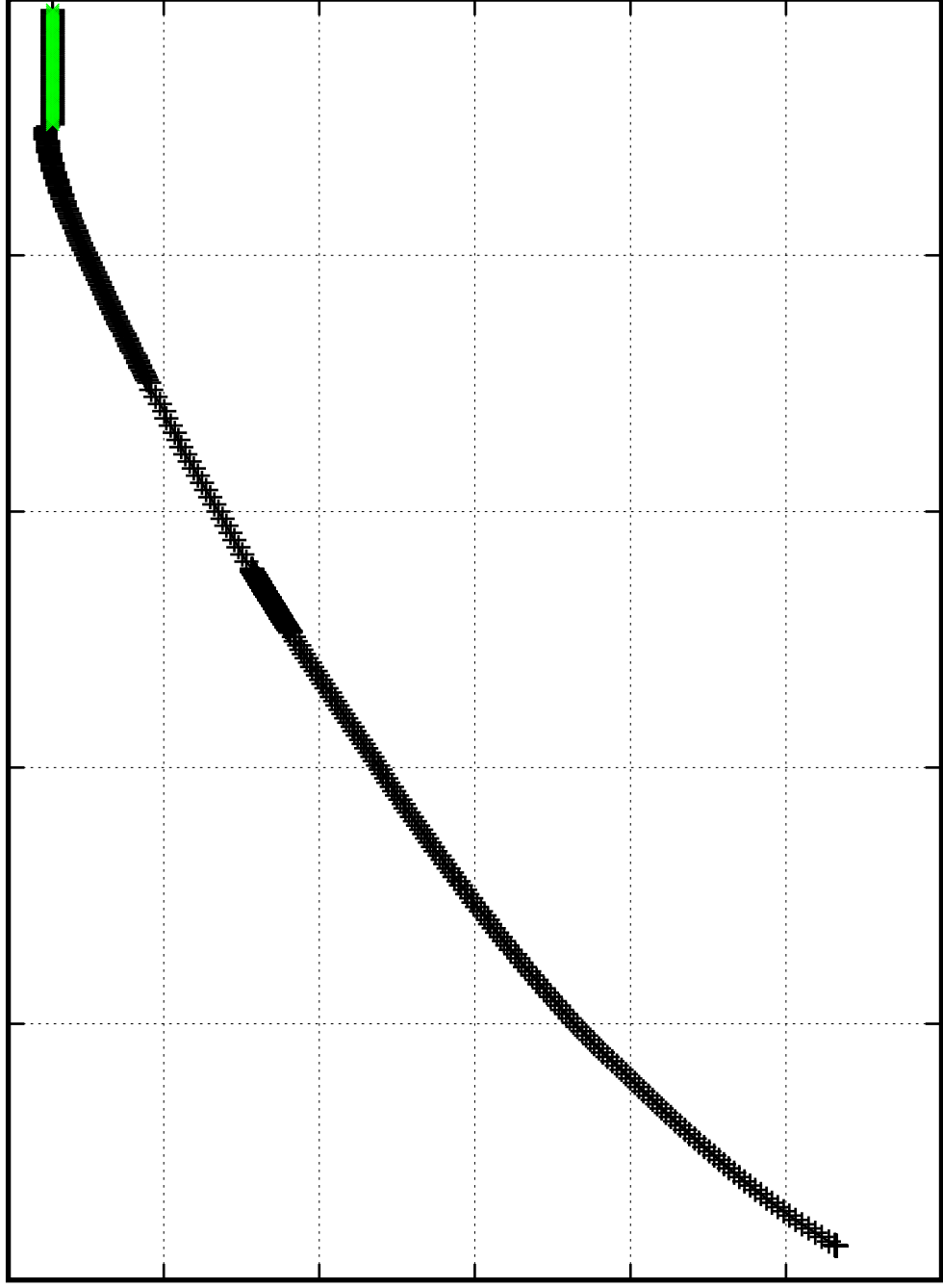
1

1.5

2

2.5

Time [Myr]



$M=250\ M_{\odot}$ $Z=1.0\ \text{mw}$ $v=0\ \text{km/s}$

0.0002891

0.0002890

0.0002889

0.0002888

0.0002887

0.0002886

0.0002885

0.0002884

$cM_{\text{g}24}^{--}$ [—]

0

0.5

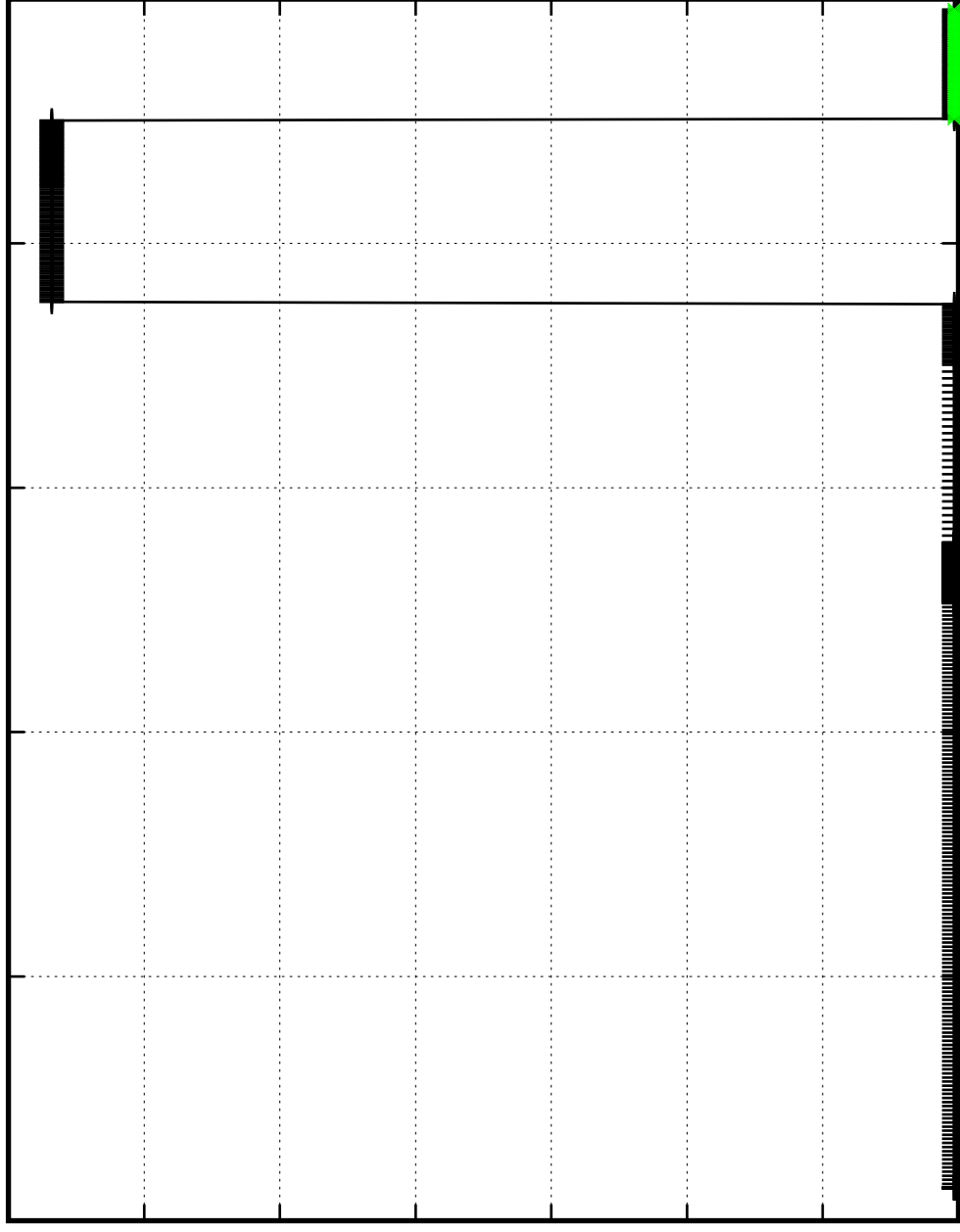
1

1.5

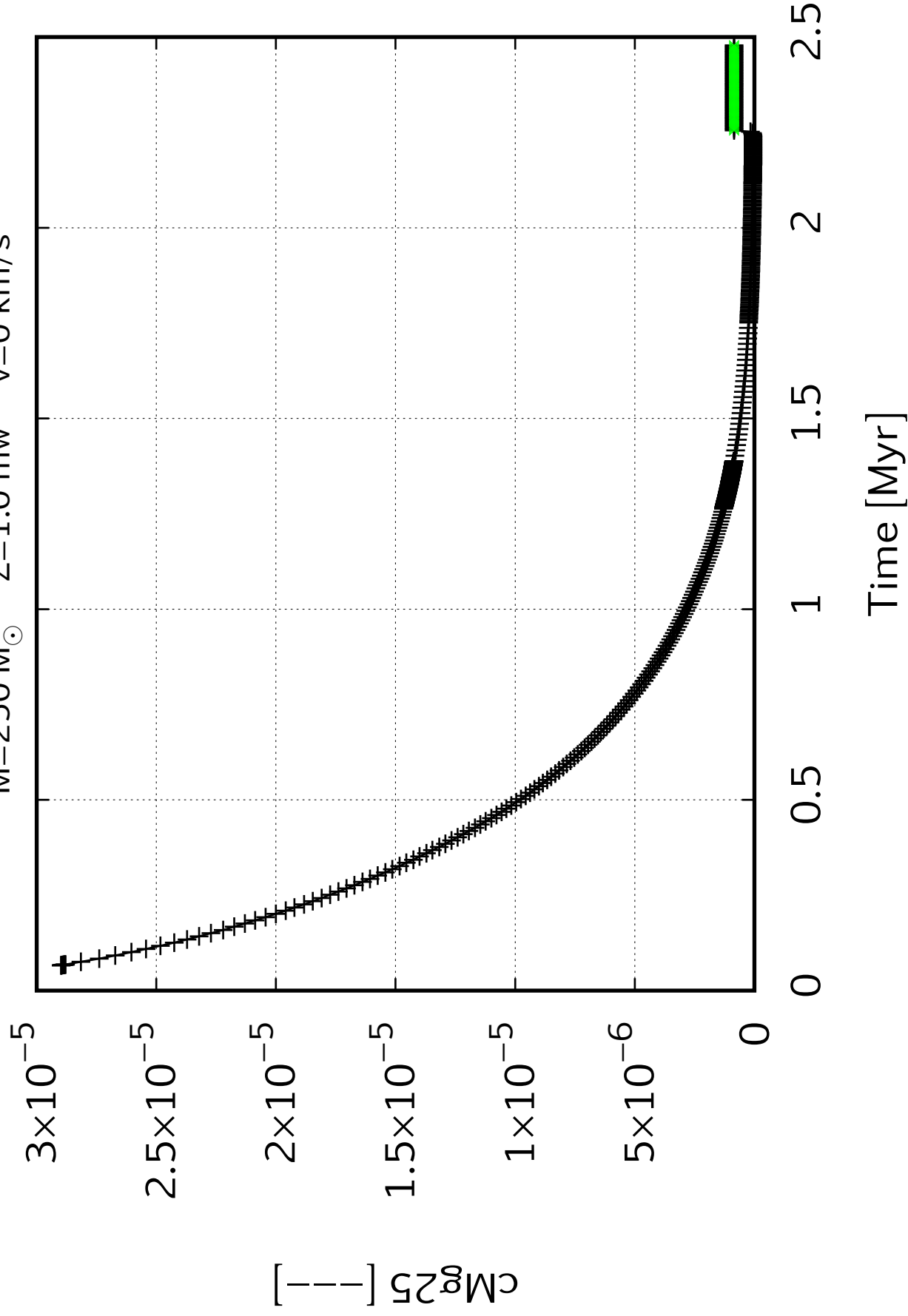
2

2.5

Time [Myr]



$M=250\,M_{\odot}$ $Z=1.0\,\text{mw}$ $v=0\,\text{km/s}$



$M=250\,M_{\odot}$ $Z=1.0\,\text{mw}$ $v=0\,\text{km/s}$

0.00005

0.00005

0.00004

0.00004

0.00003

0.00003

0.00002

$cM_{\text{g}26} [--]$

0

0.5

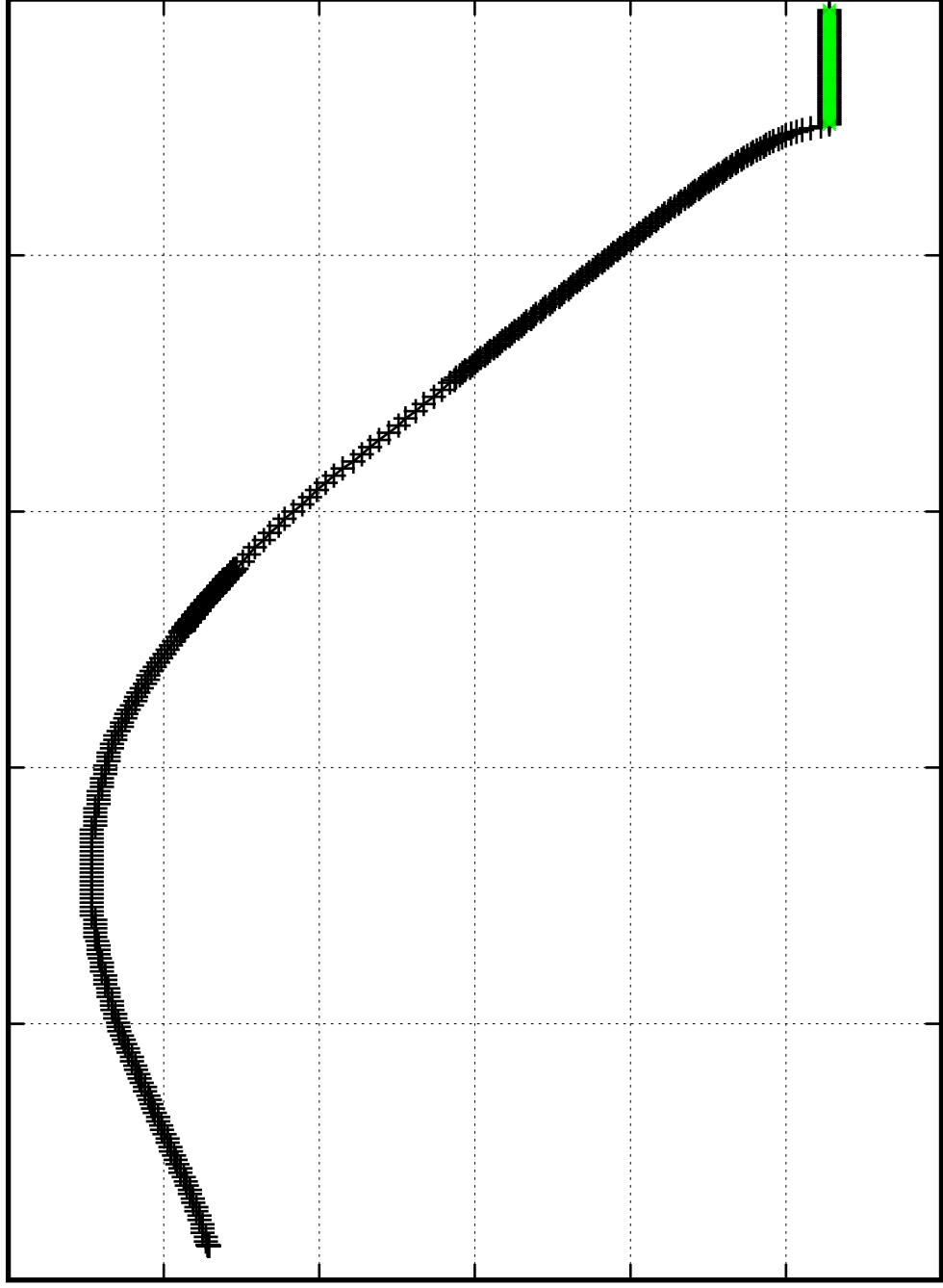
1

1.5

2

2.5

Time [Myr]



$M=250\,M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

0.000018

0.000016

0.000014

0.000012

0.000010

0.000008

0.000006

0.000004

$c\text{Al}26$ [—]

0

0.5

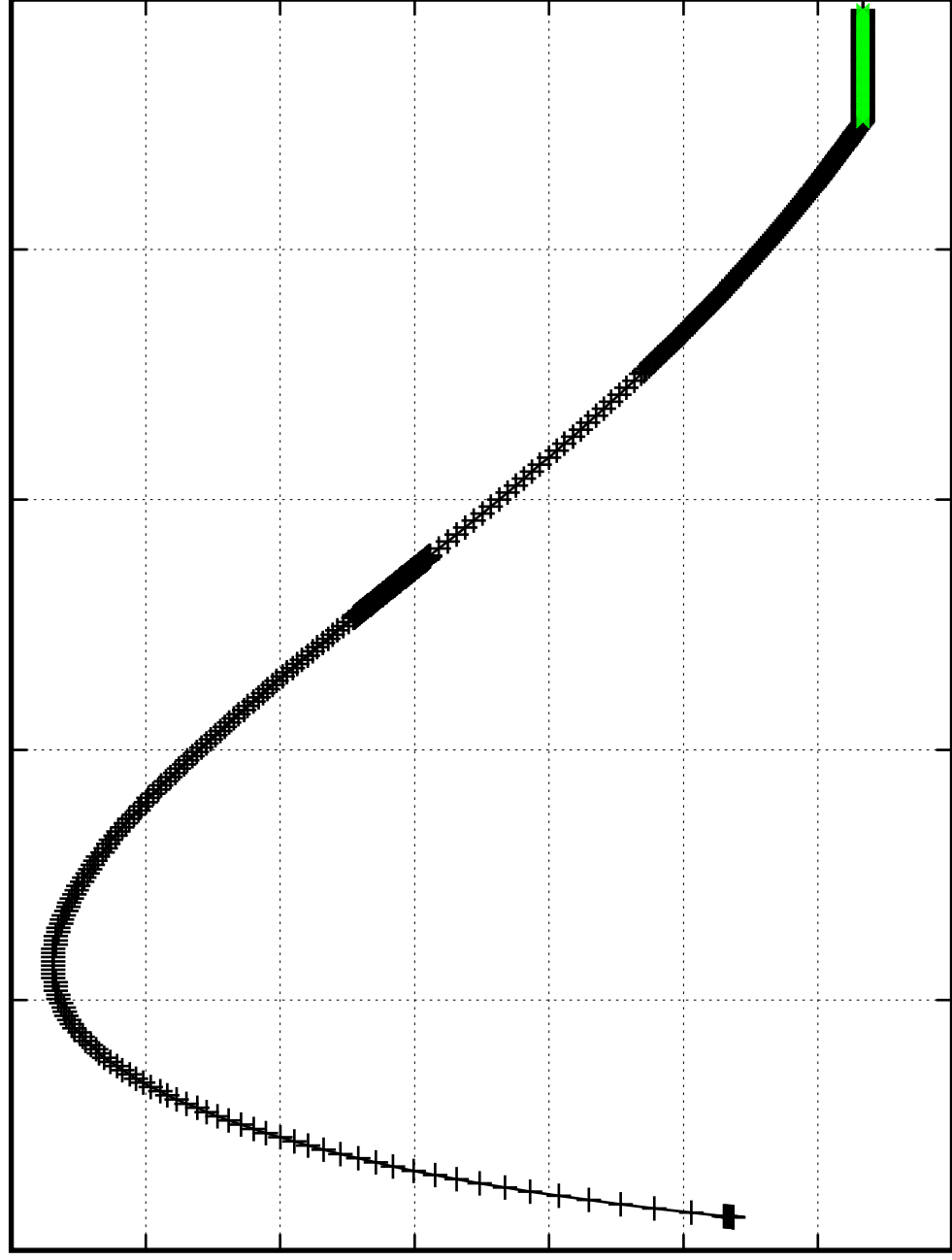
1

1.5

2

2.5

Time [Myr]



$M=250 M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

0.00011

0.00010

0.00009

0.00008

0.00007

0.00006

0.00005

0.00004

c_{Al27} [—]

0

0.5

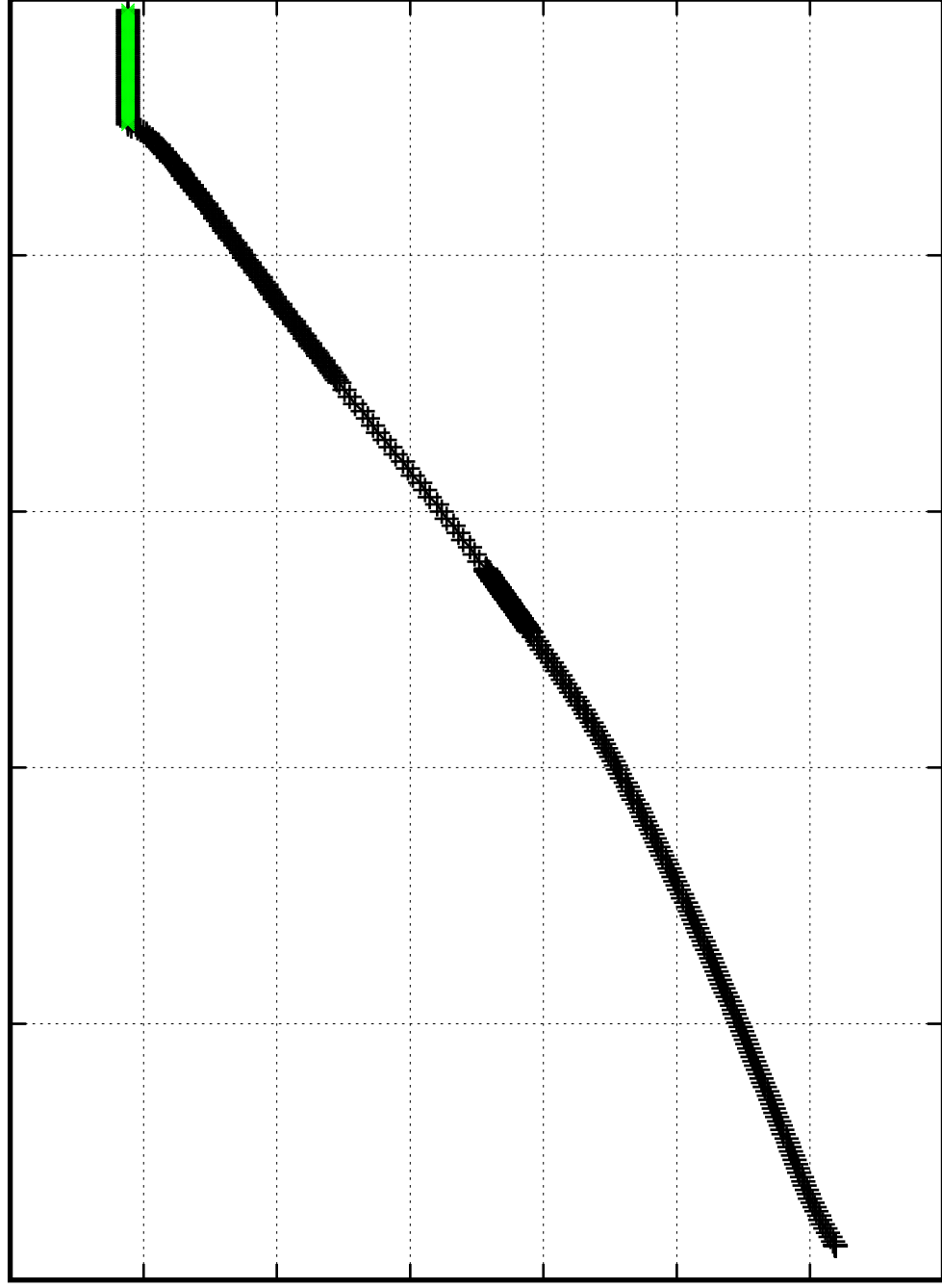
1

1.5

2

2.5

Time [Myr]



$M=250 M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

0.00049
0.00049
0.00049
0.00049
0.00048
0.00048
0.00048
0.00048
0.00048
0.00048
0.00048

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

0

0.5

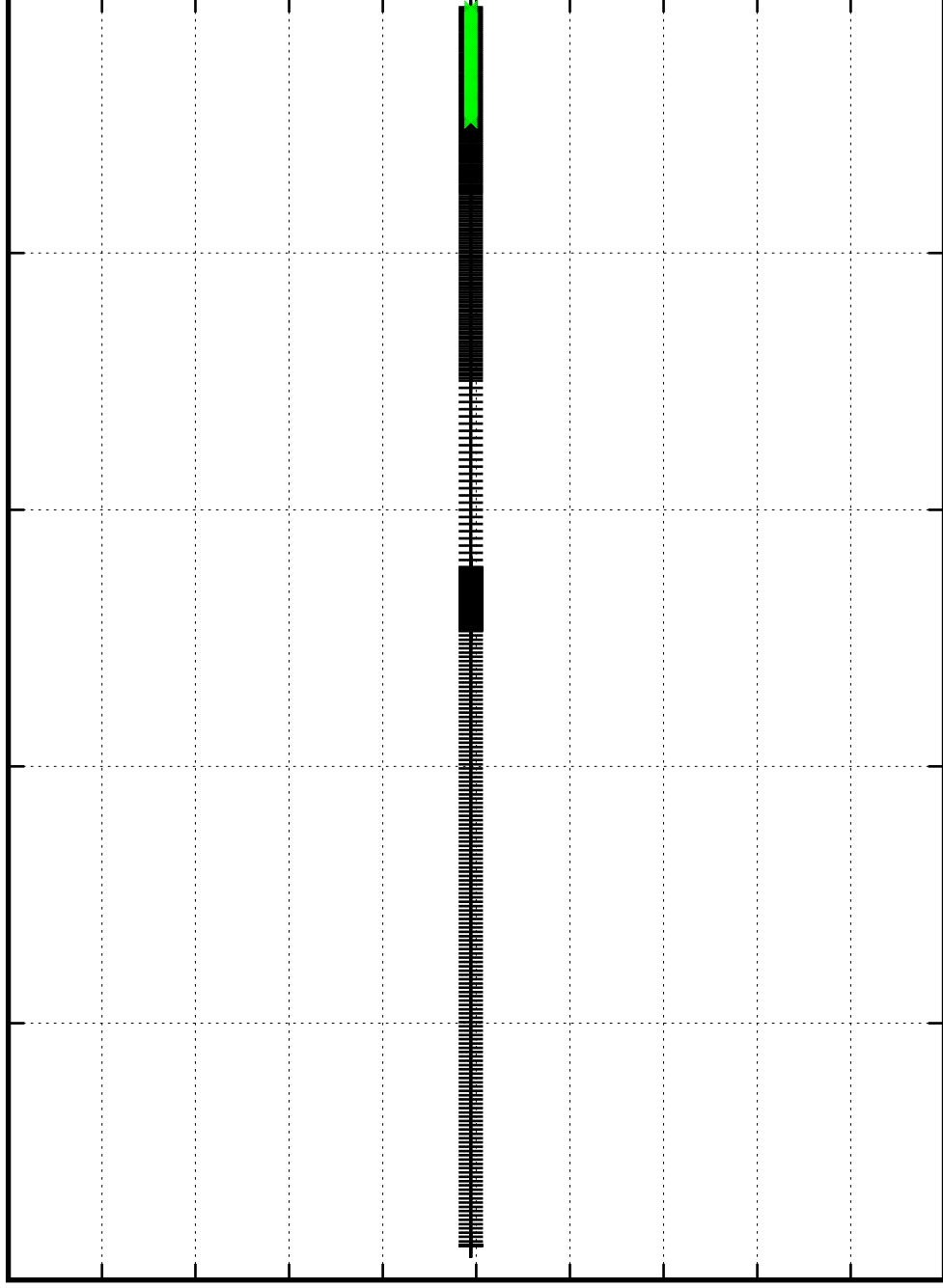
1

1.5

2

2.5

Time [Myr]



$M=250\,M_{\odot}$ $Z=1.0\,\text{mw}$ $v=0\,\text{km/s}$

0.0000257

0.0000256

0.0000255

0.0000254

0.0000253

0.0000252

0.0000251

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

0

0.5

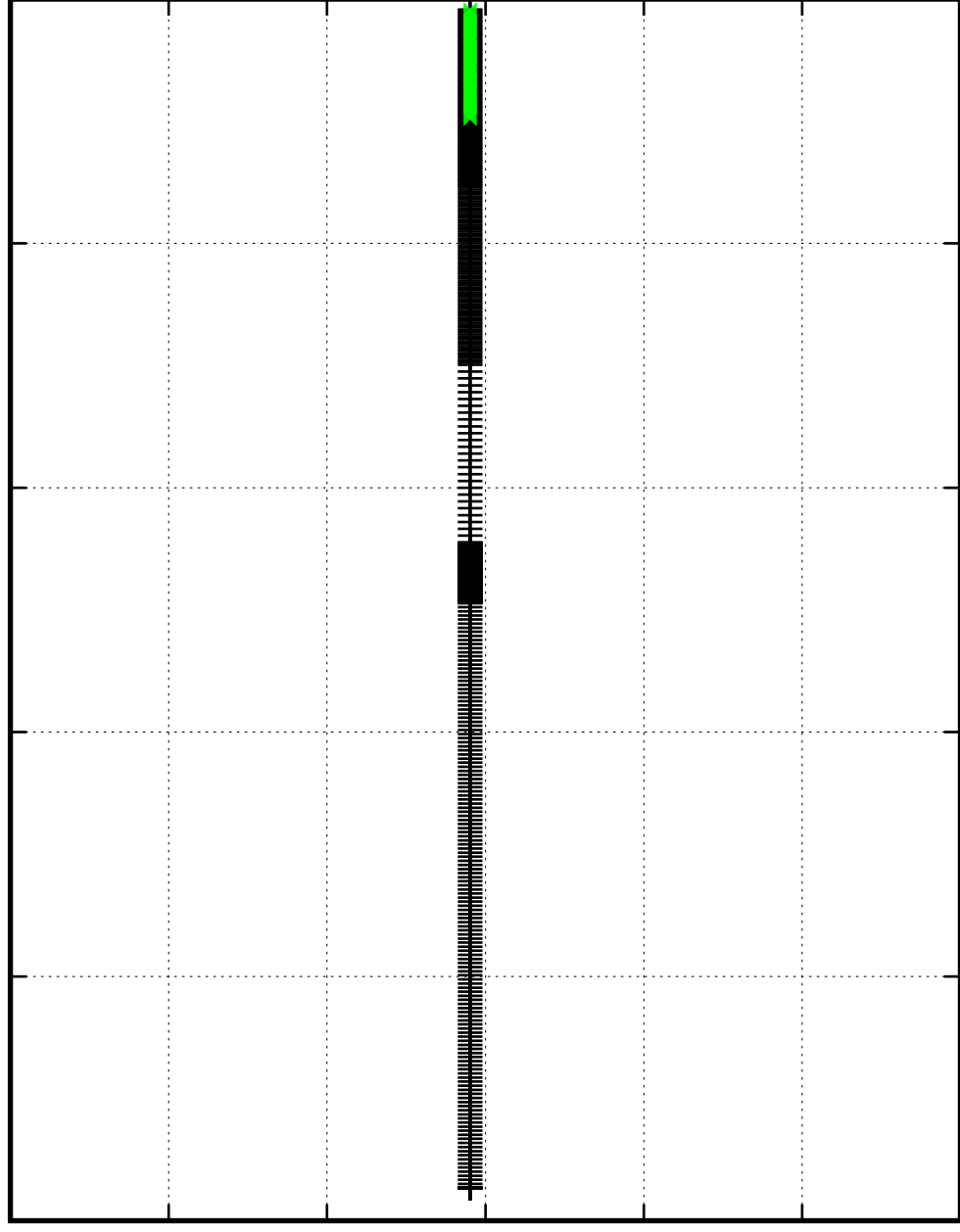
1

1.5

2

2.5

Time [Myr]



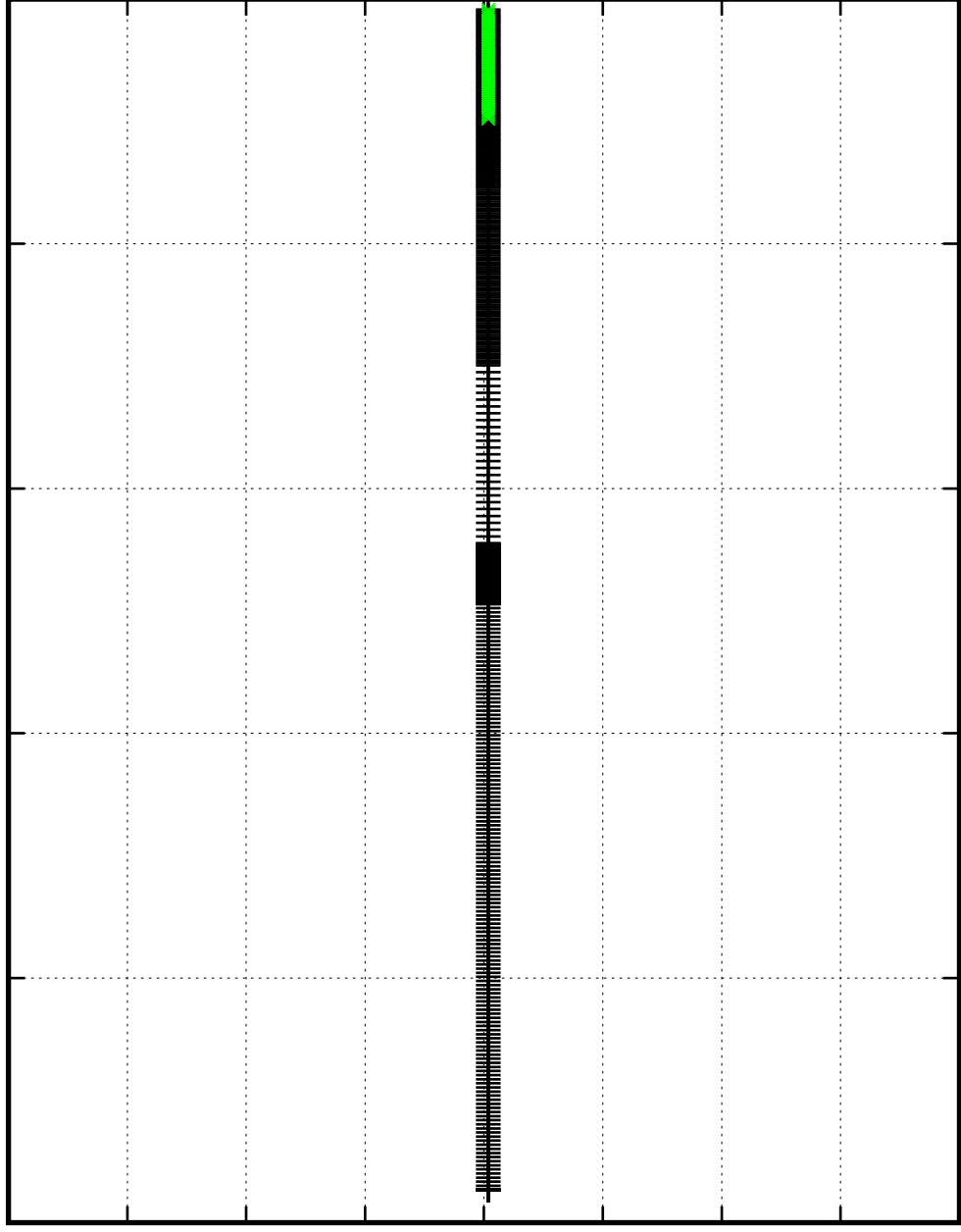
$M=250\ M_{\odot}$ $Z=1.0\ \text{mw}$ $v=0\ \text{km/s}$

$[\text{--}]_{\text{CS}30}$

0.00000175
0.00000175
0.00000174
0.00000174
0.00000173
0.00000173
0.00000172
0.00000172
0.00000171

0 0.5 1 1.5 2 2.5

Time [Myr]



$M=250 M_{\odot}$ $Z=1.0$ mw $v=0$ km/s

0.00104

0.00103

0.00103

0.00102

0.00102

0.00101

[Fe56]

0

0.5

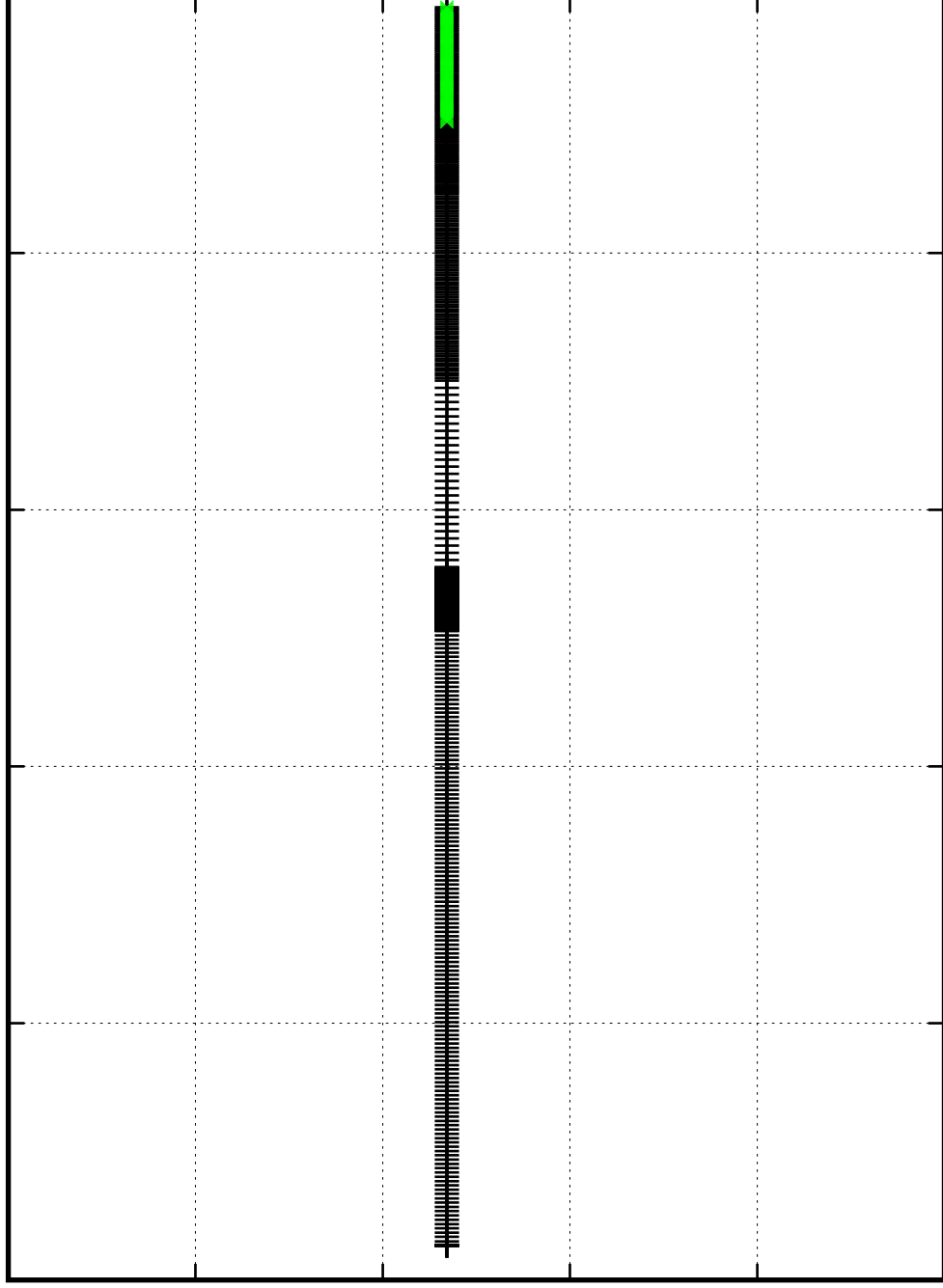
1

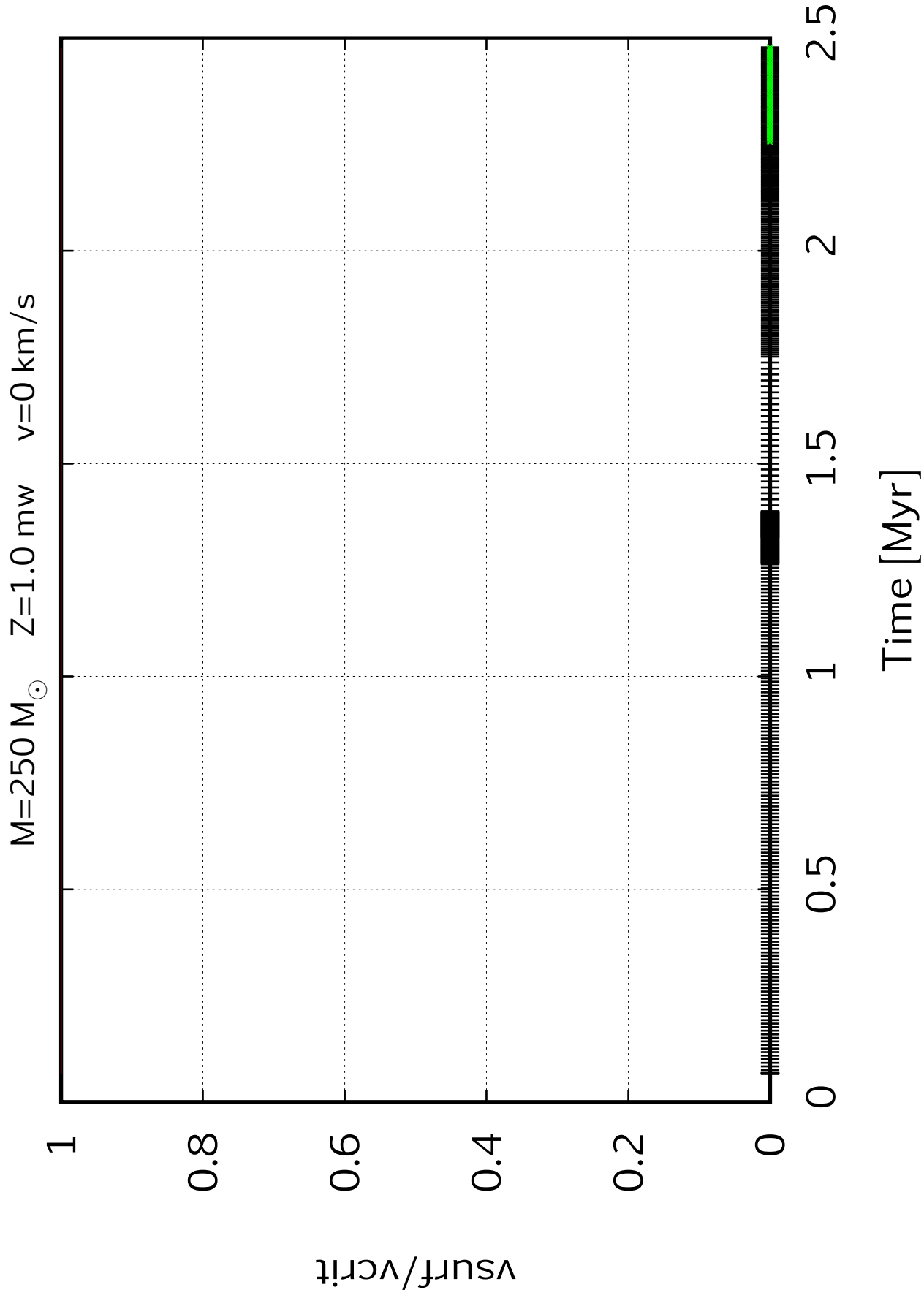
1.5

2

2.5

Time [Myr]





250 M_⊙ MW

$\log L / L_{\odot}$

6.8

6.7

6.6

6.5

6.4

6.3

6.2

6.1

6.0

5.9

5.8

5

4.9

4.8

4.7

4.6

4.5

4.4

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

