

$M=13 M_{\odot}$ Z=0.1 smc

700

600

500

400

300

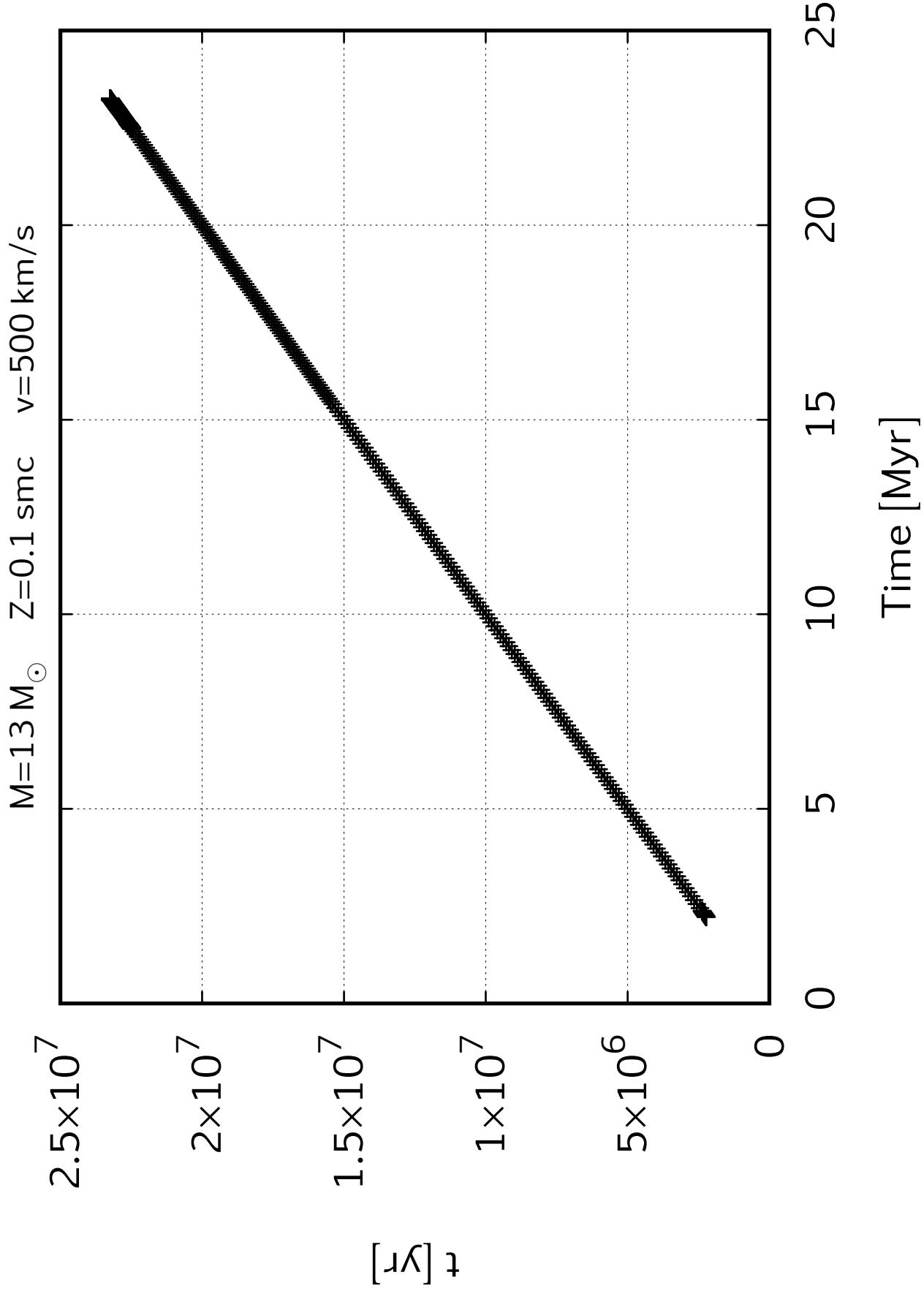
200

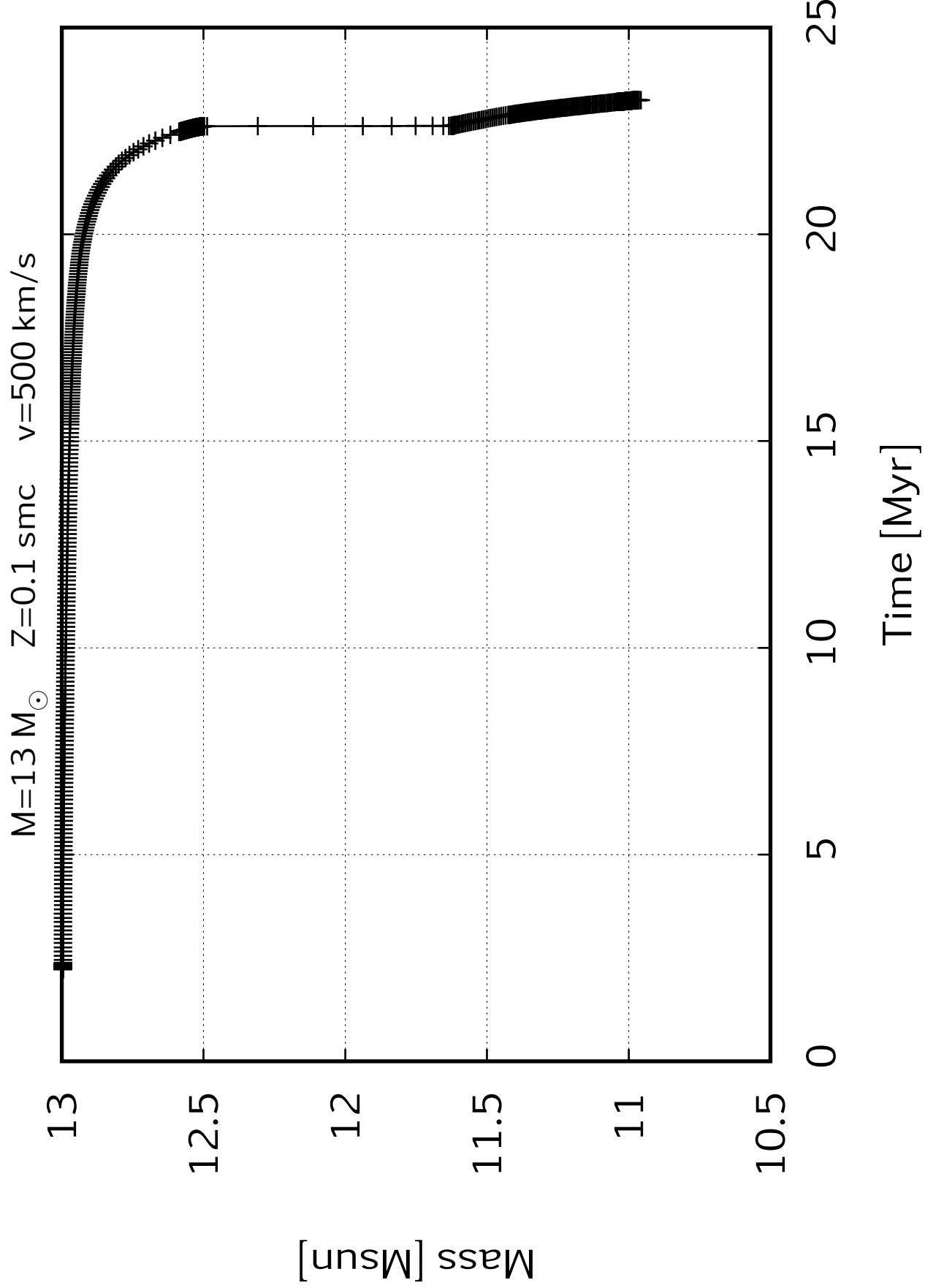
100

0

line number







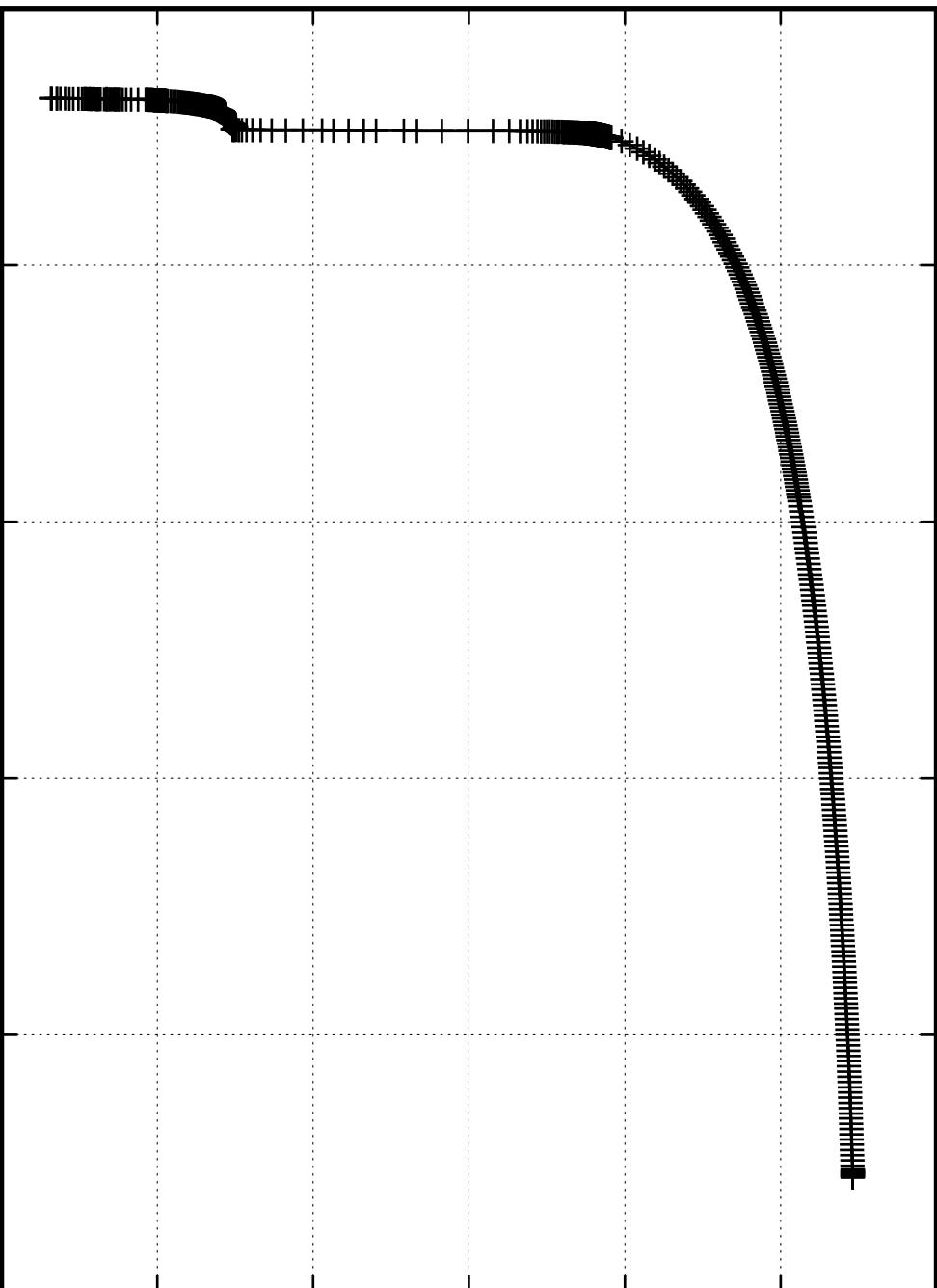
$M=13 M_{\odot}$
 $Z=0.1 \text{ smc}$
 $v=500 \text{ km/s}$

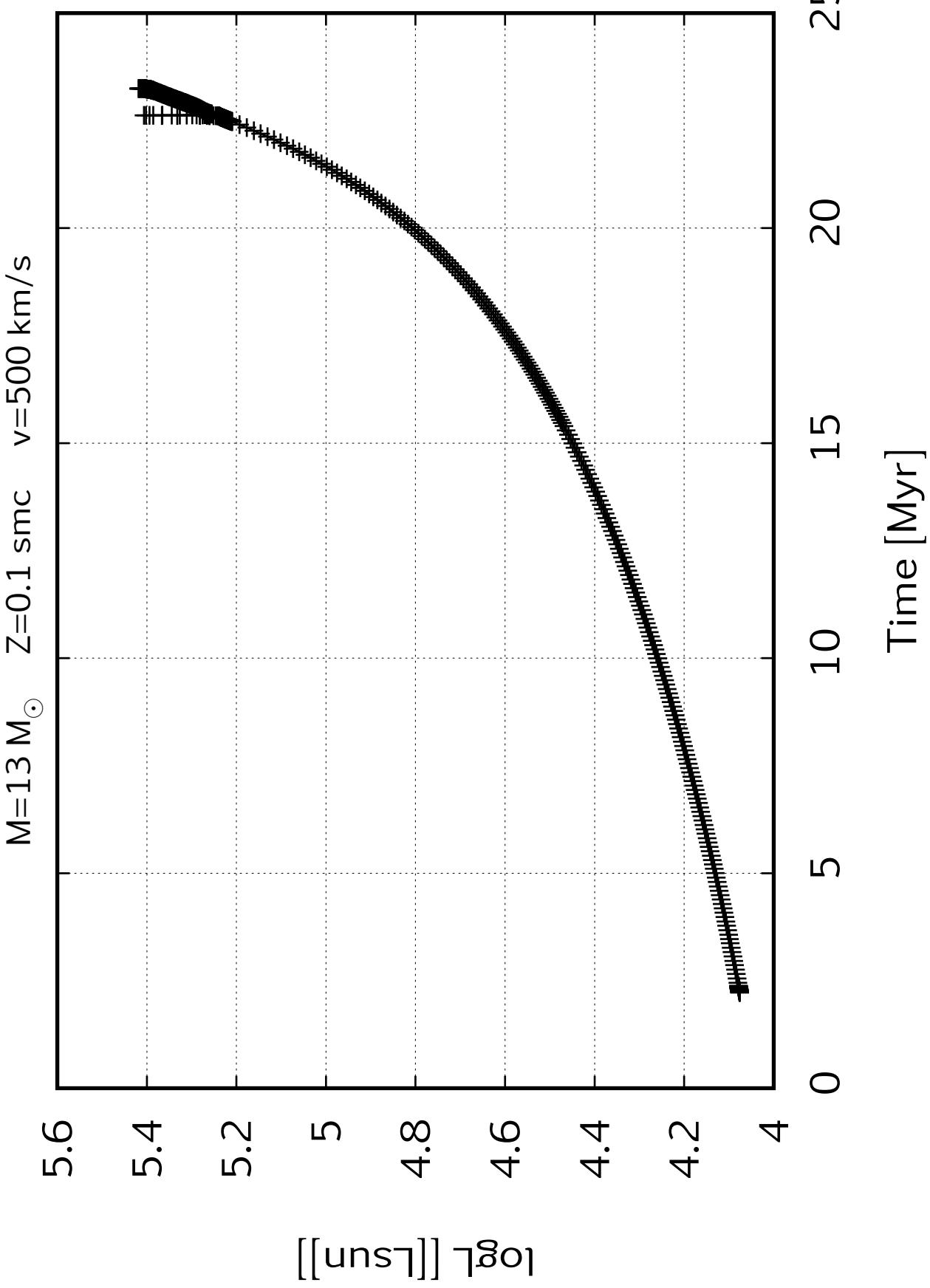
$T_{\text{eff}} [\text{K}]$

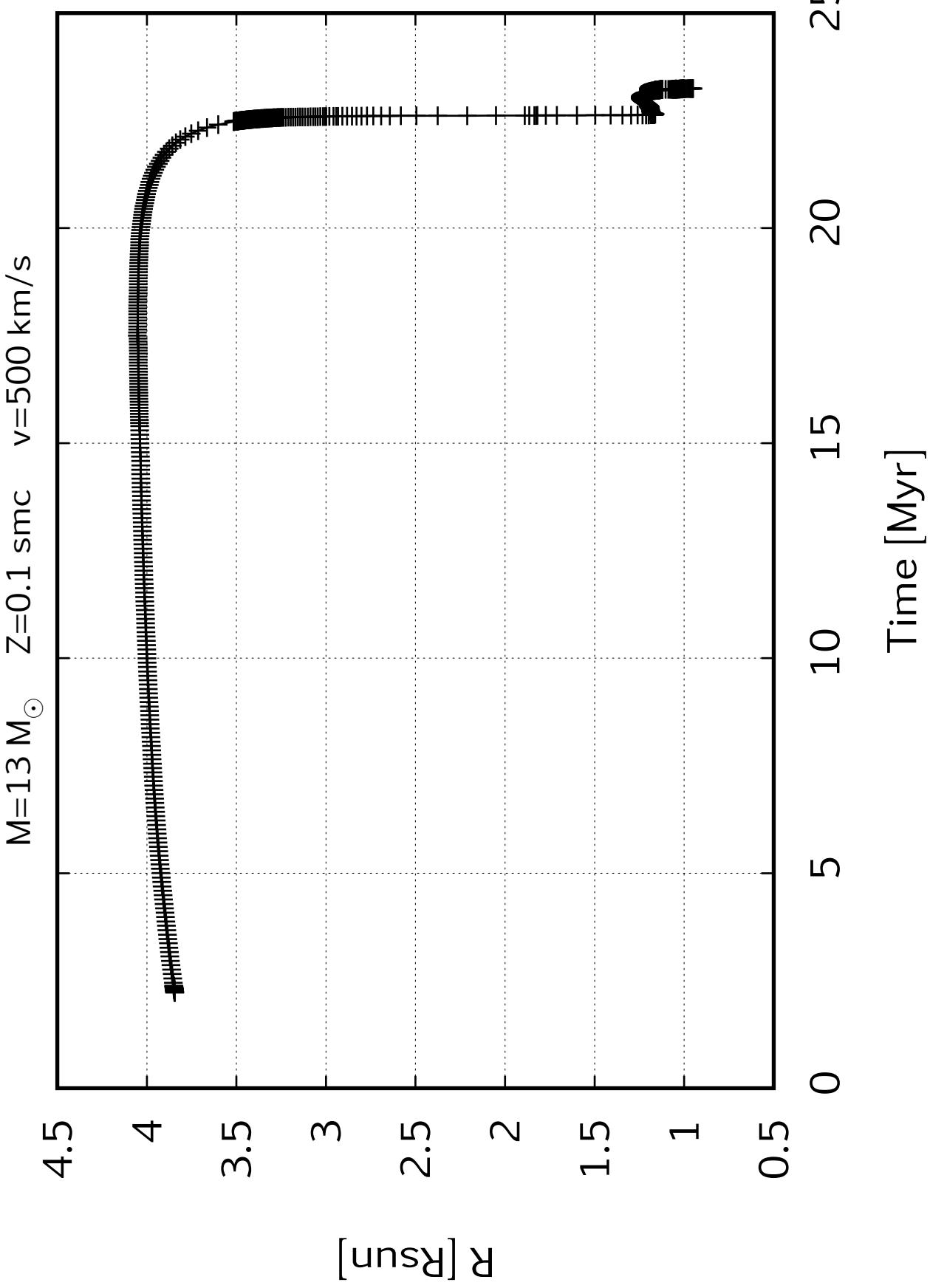
Time [Myr]

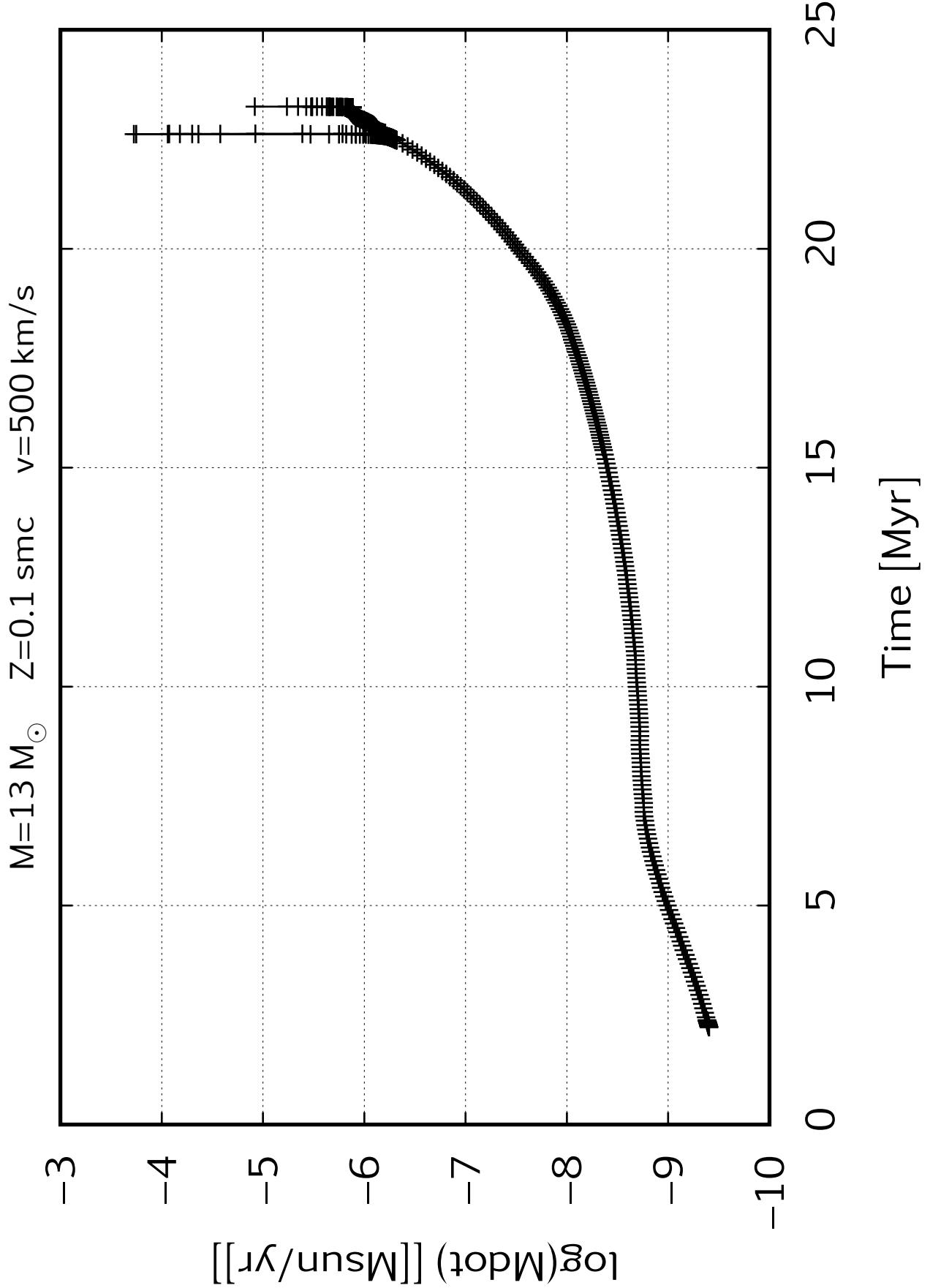
25
20
15
10
5
0

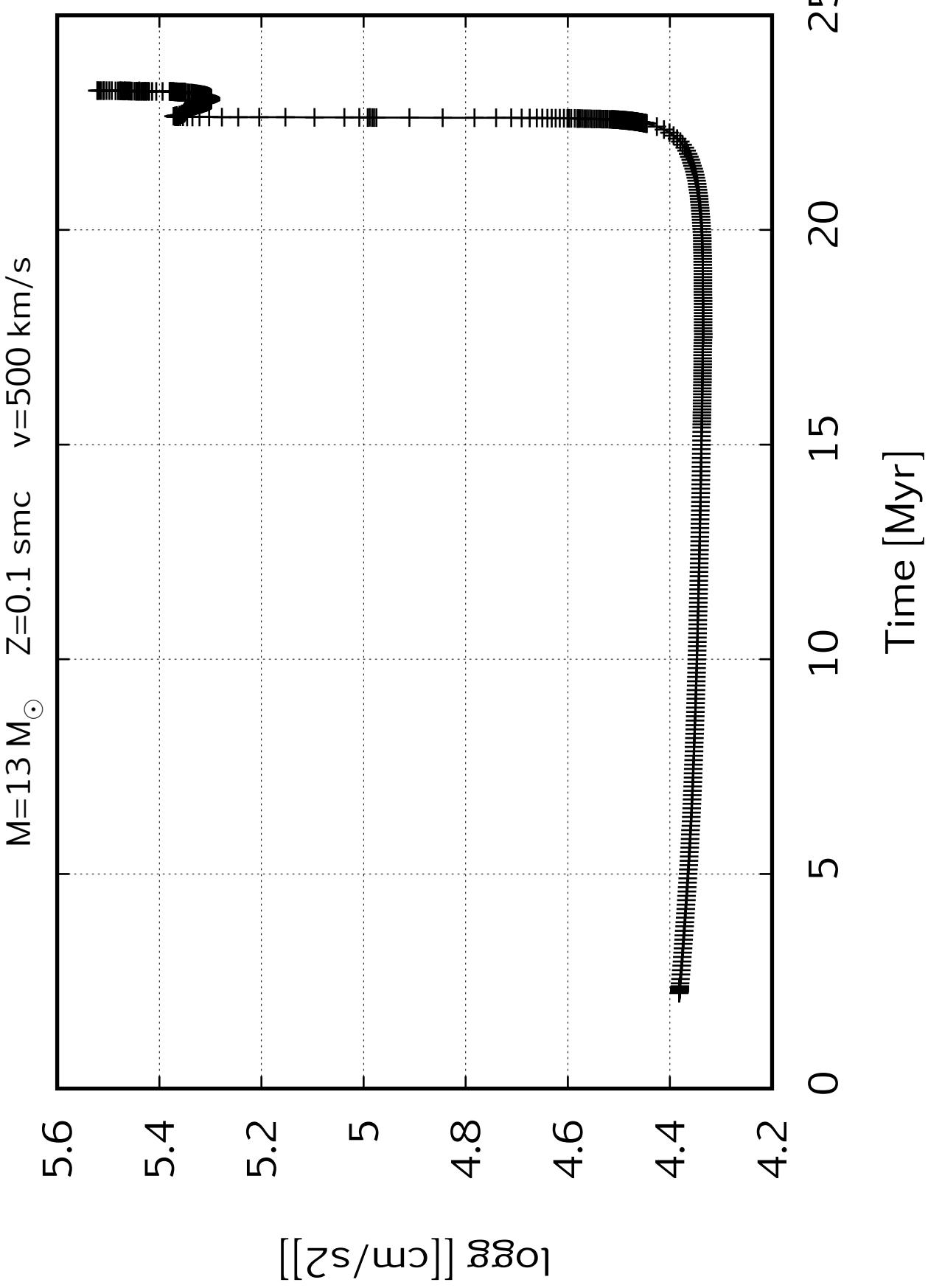
1400000
1200000
1000000
800000
600000
400000
200000

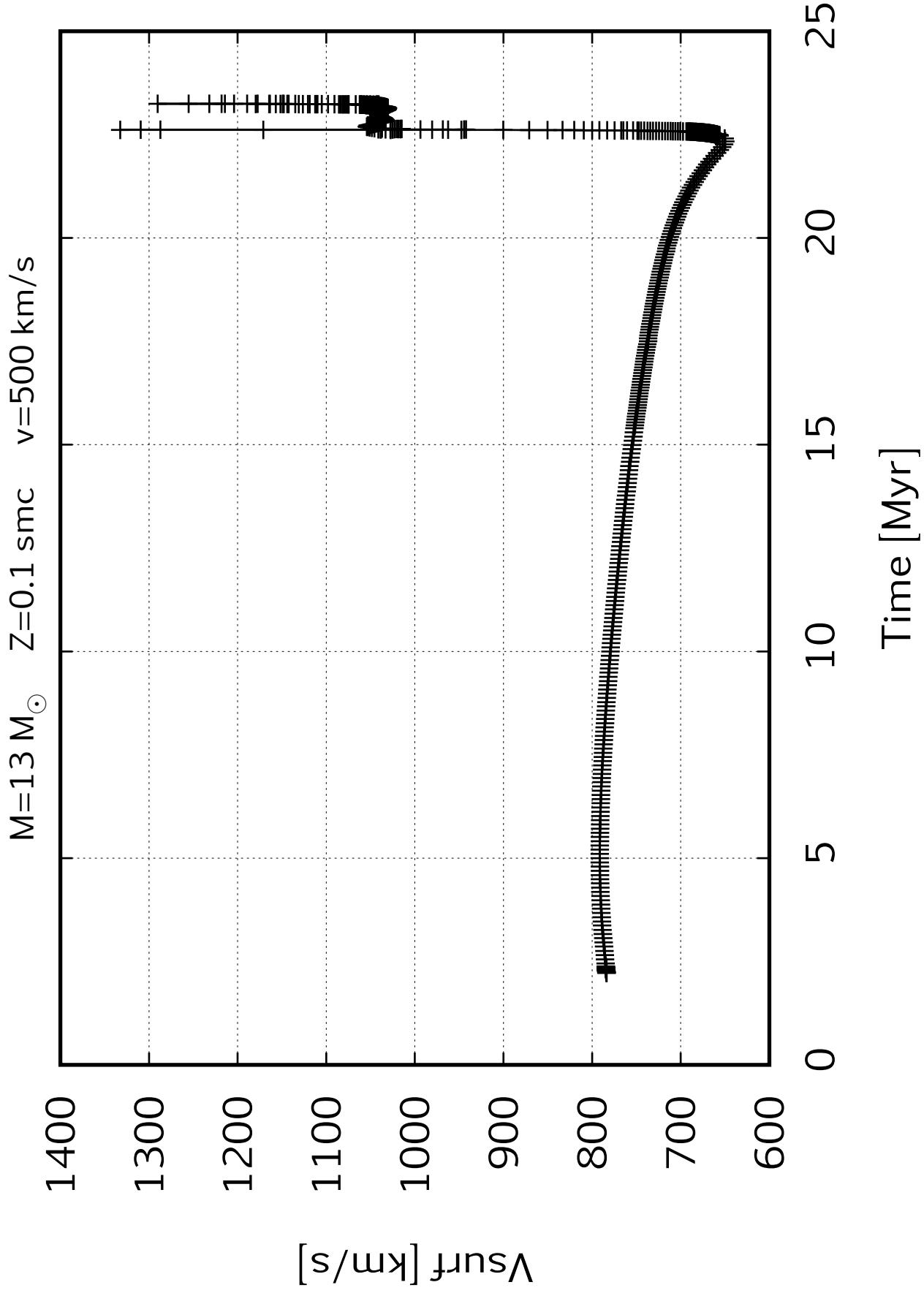


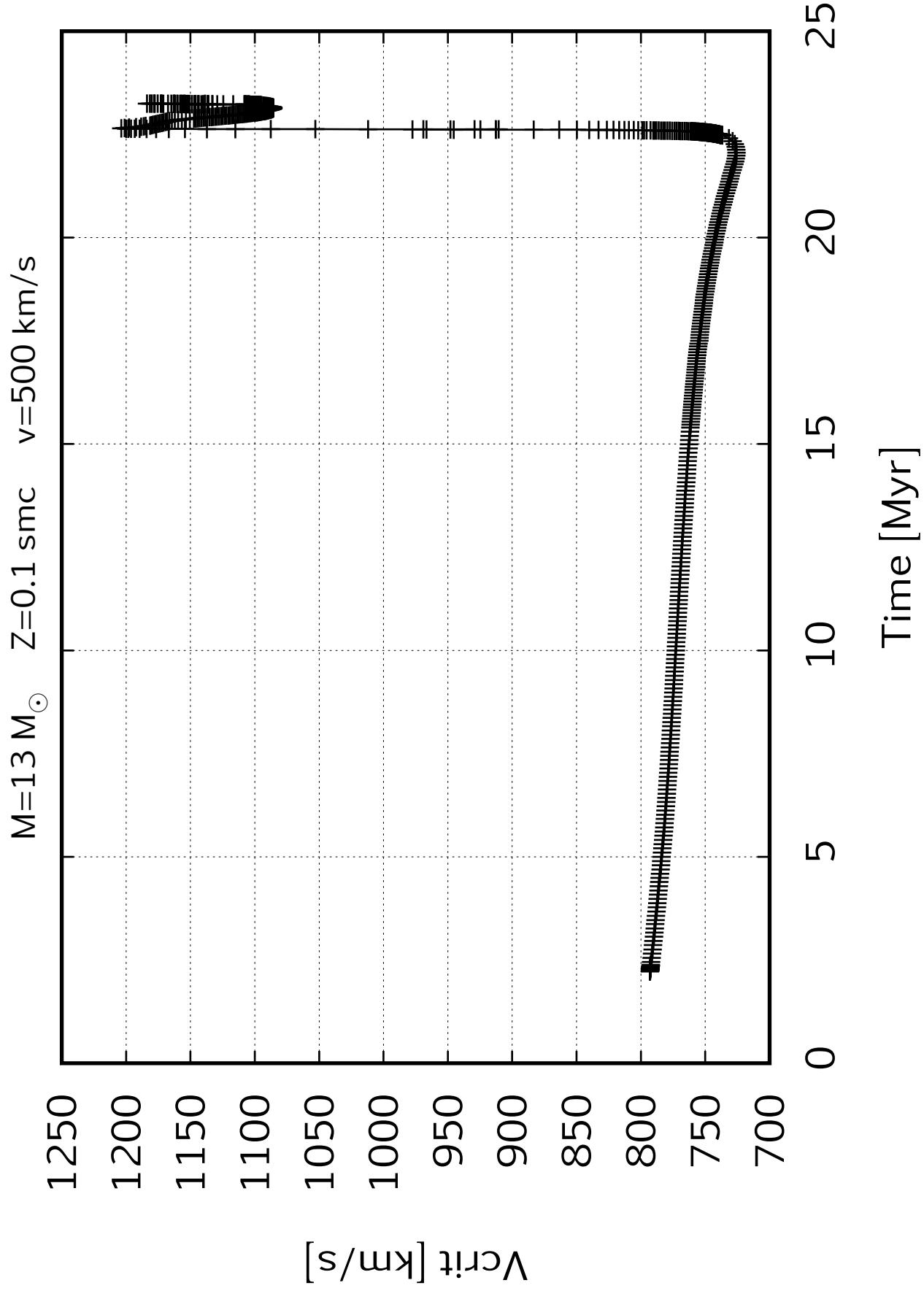


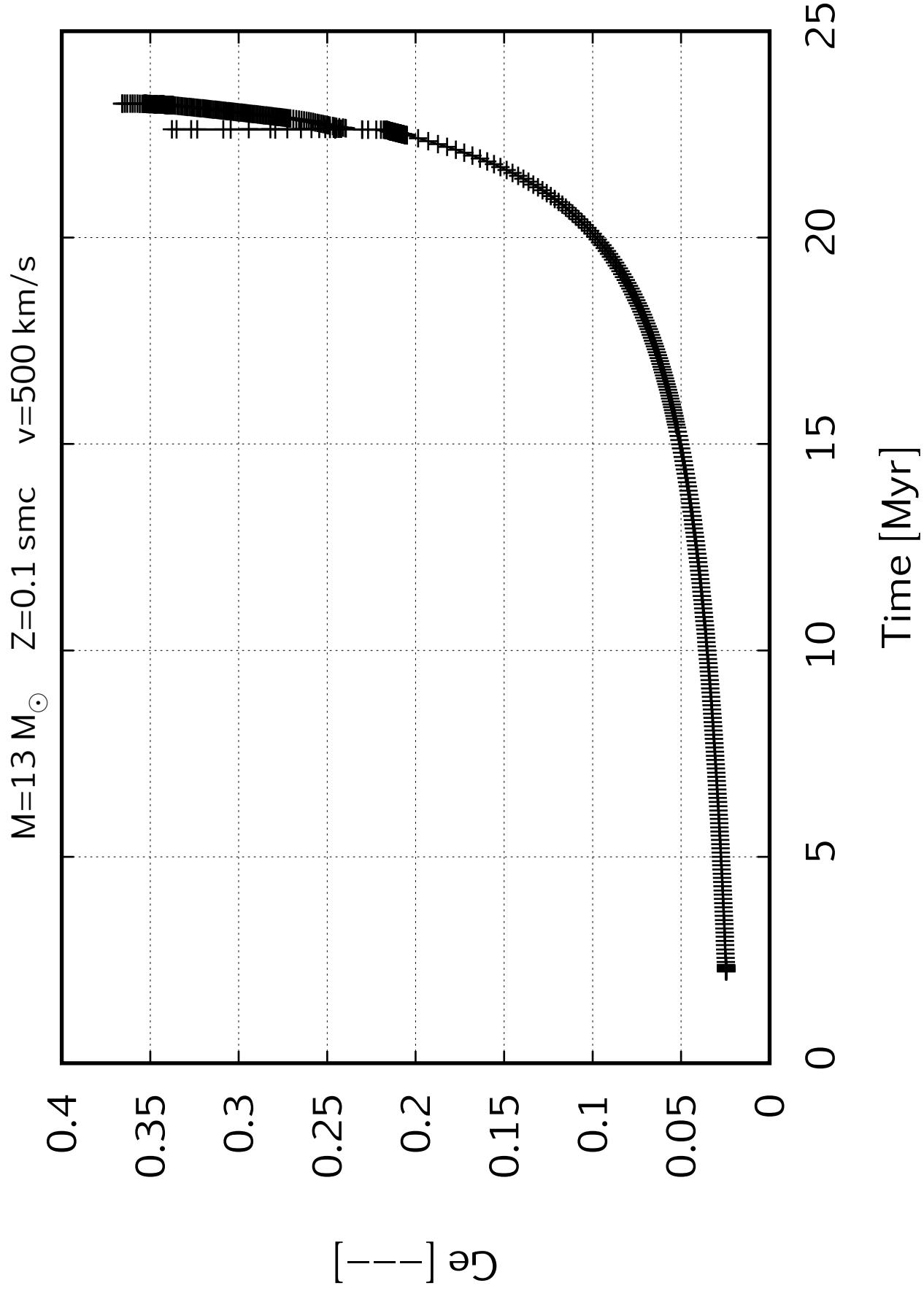


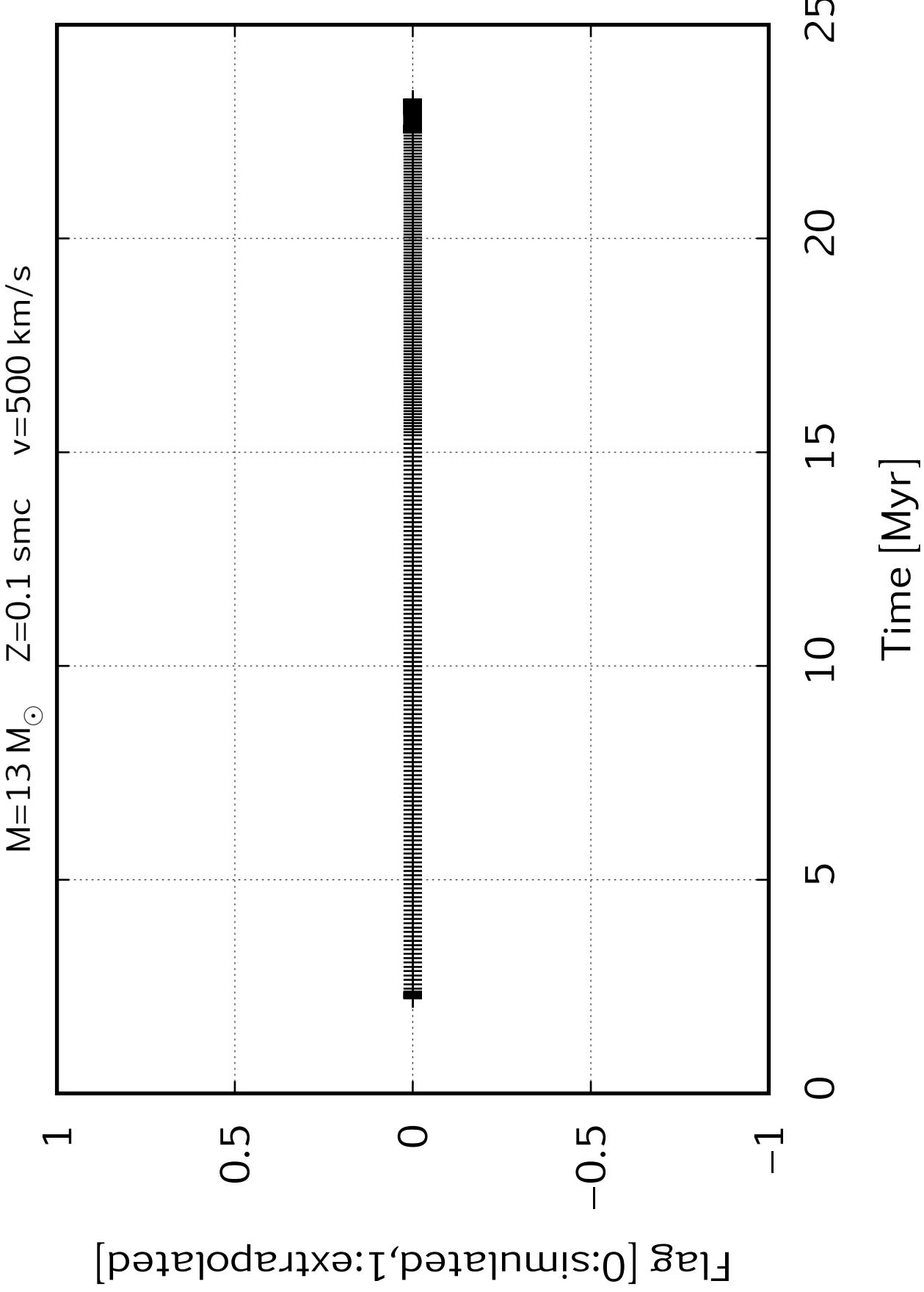


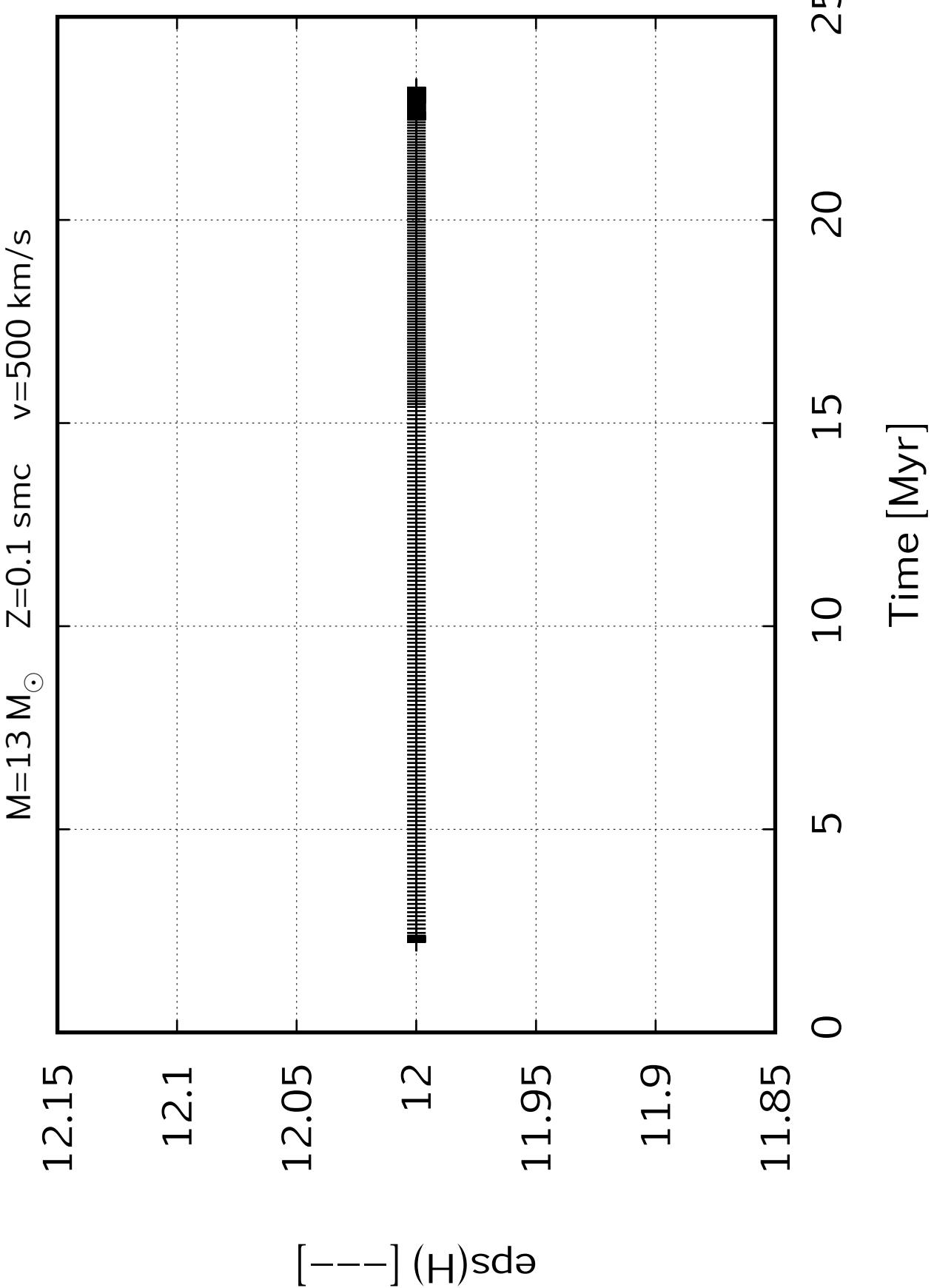












$M=13 M_{\odot}$ Z=0.1 smc $v=500$ km/s

22

20

18

16

14

12

10

[---] $\epsilon ps(He)$ [---]

20

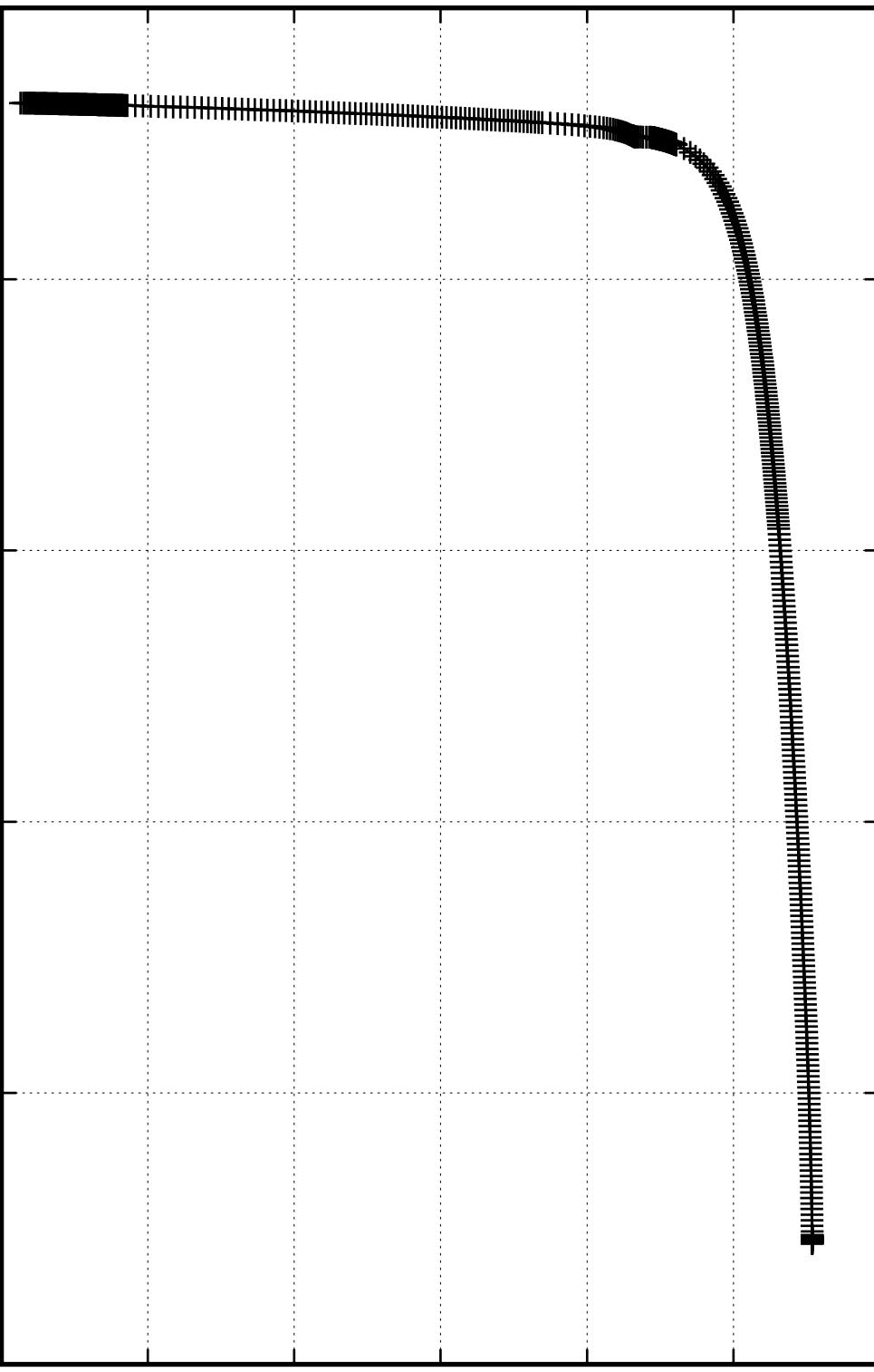
15

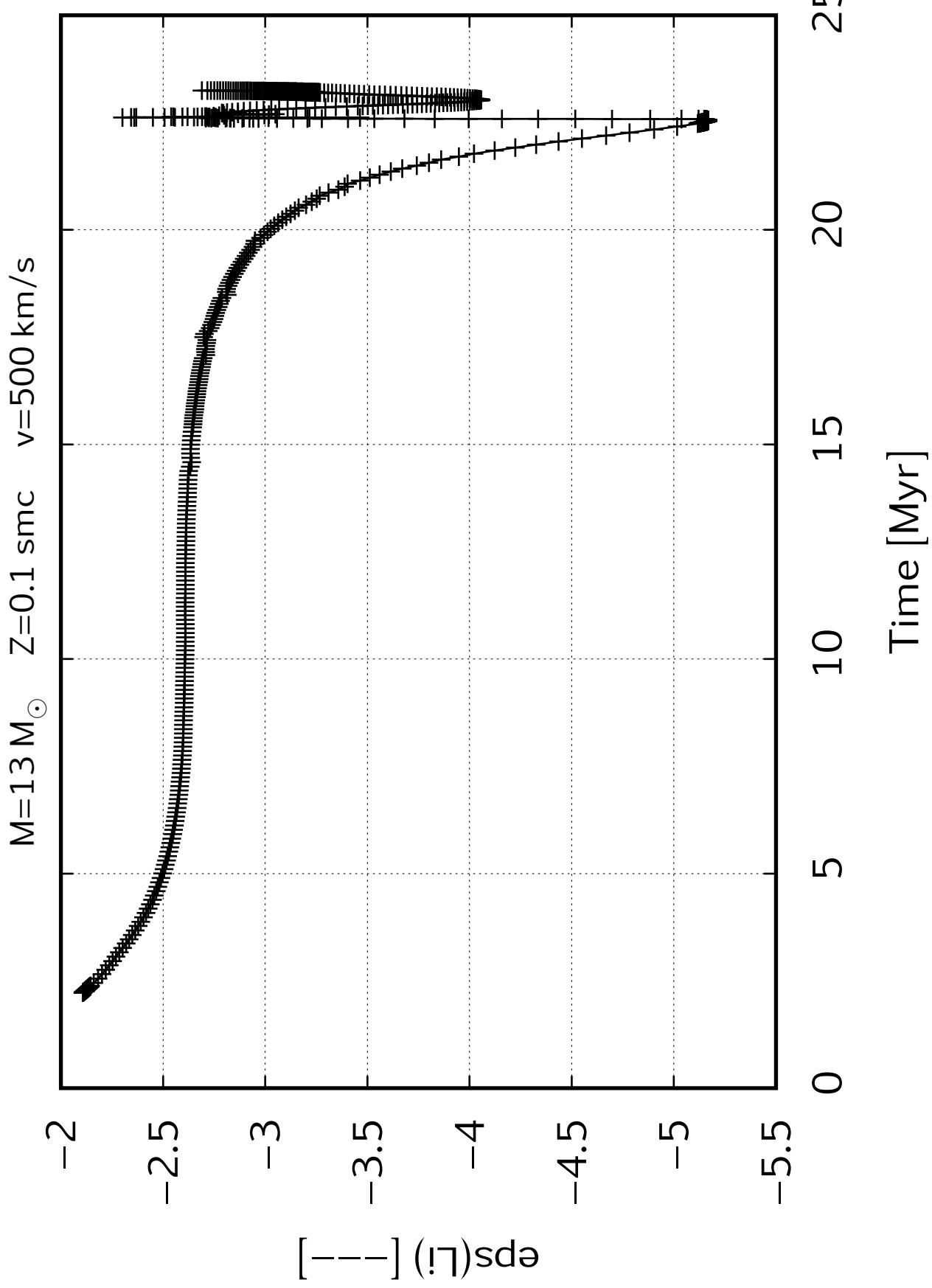
10

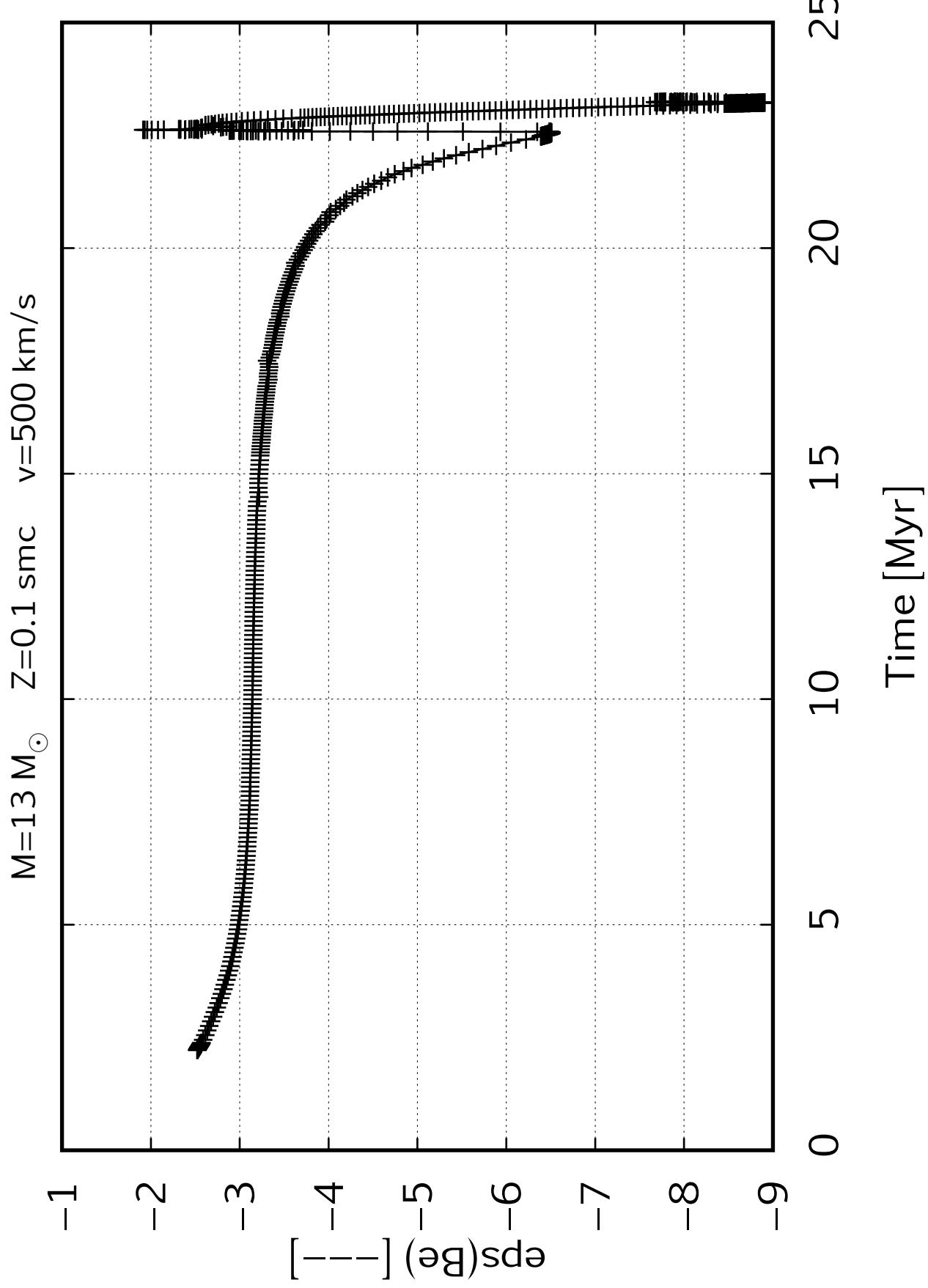
5

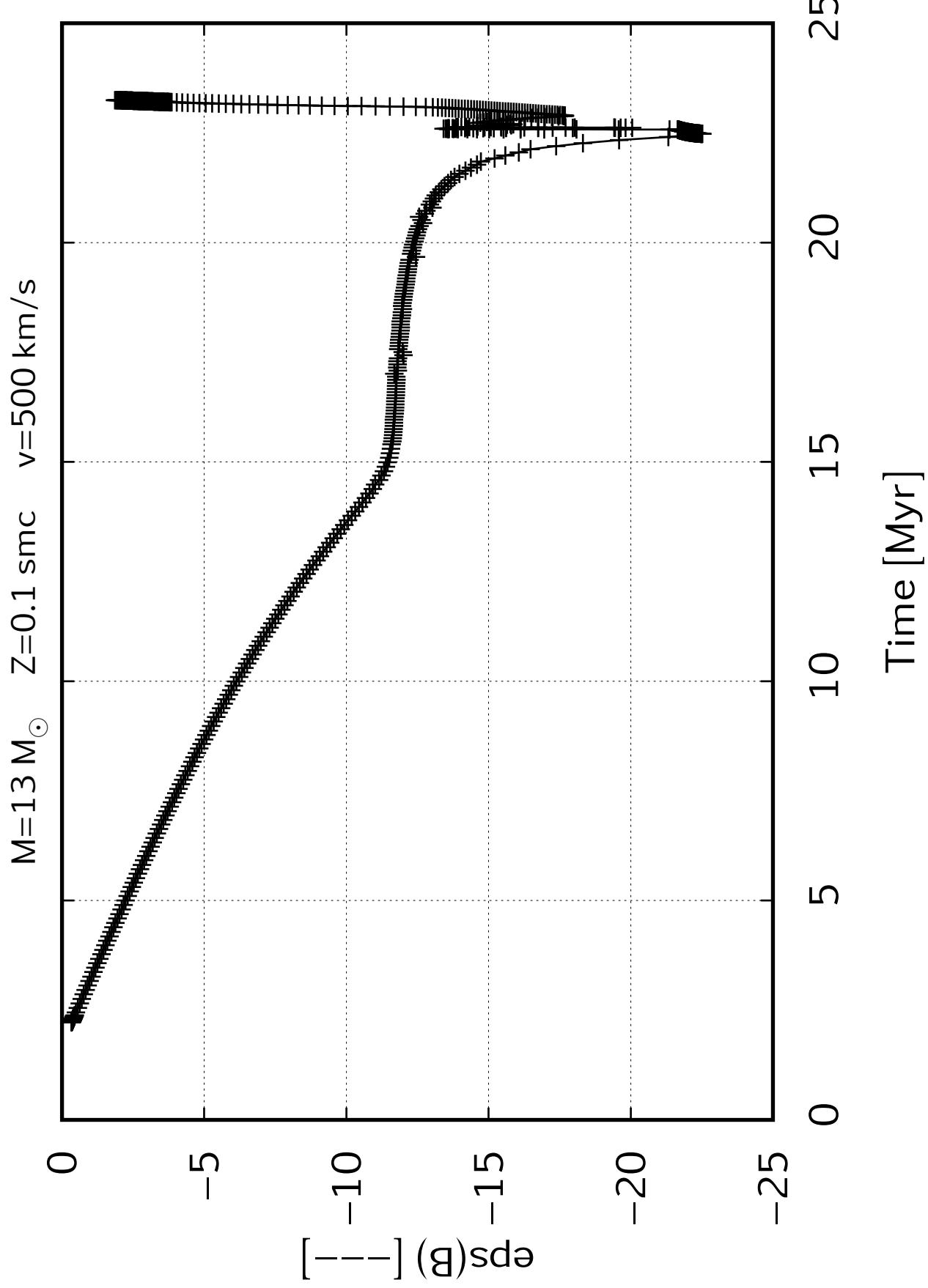
0

Time [Myr]









$M=13 M_{\odot}$ Z=0.1 smc $v=500$ km/s

22

20

18

16

14

12

10

8

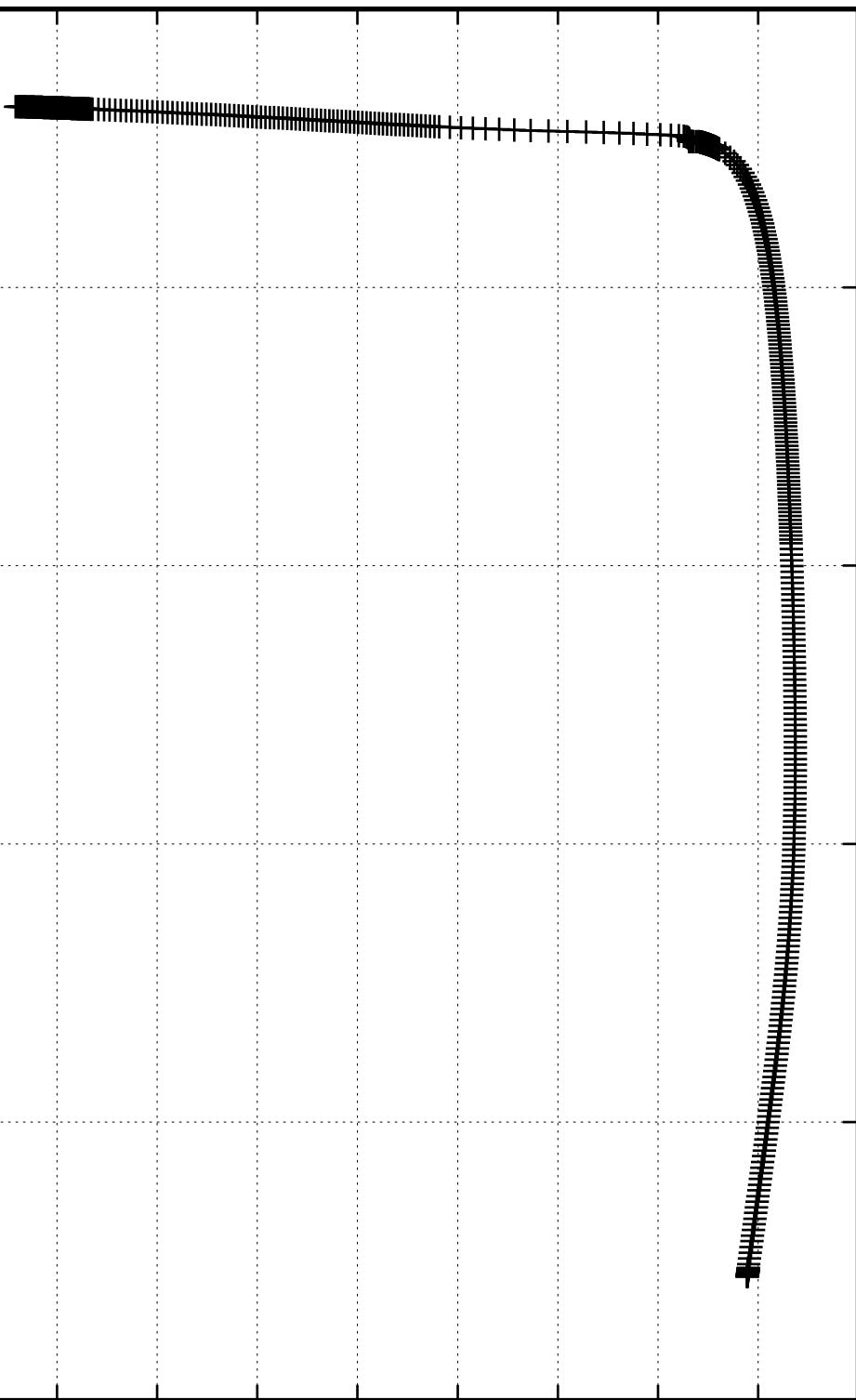
6

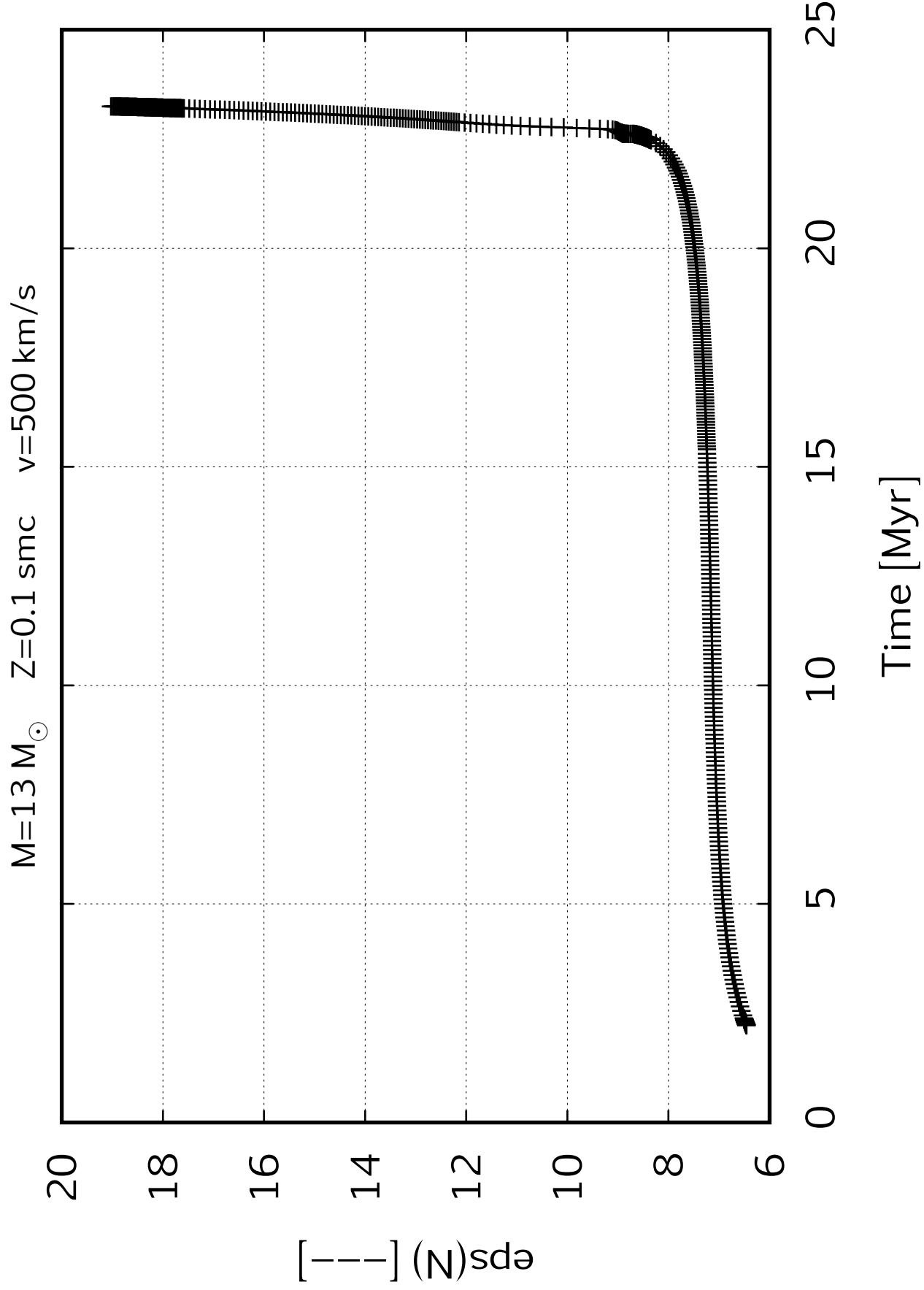
4

[---] [---] $\epsilon ps(C)$

25
20
15
10
5
0

Time [Myr]





$M=13 M_{\odot}$ Z=0.1 smc $v=500$ km/s

22

20

18

16

14

12

10

8

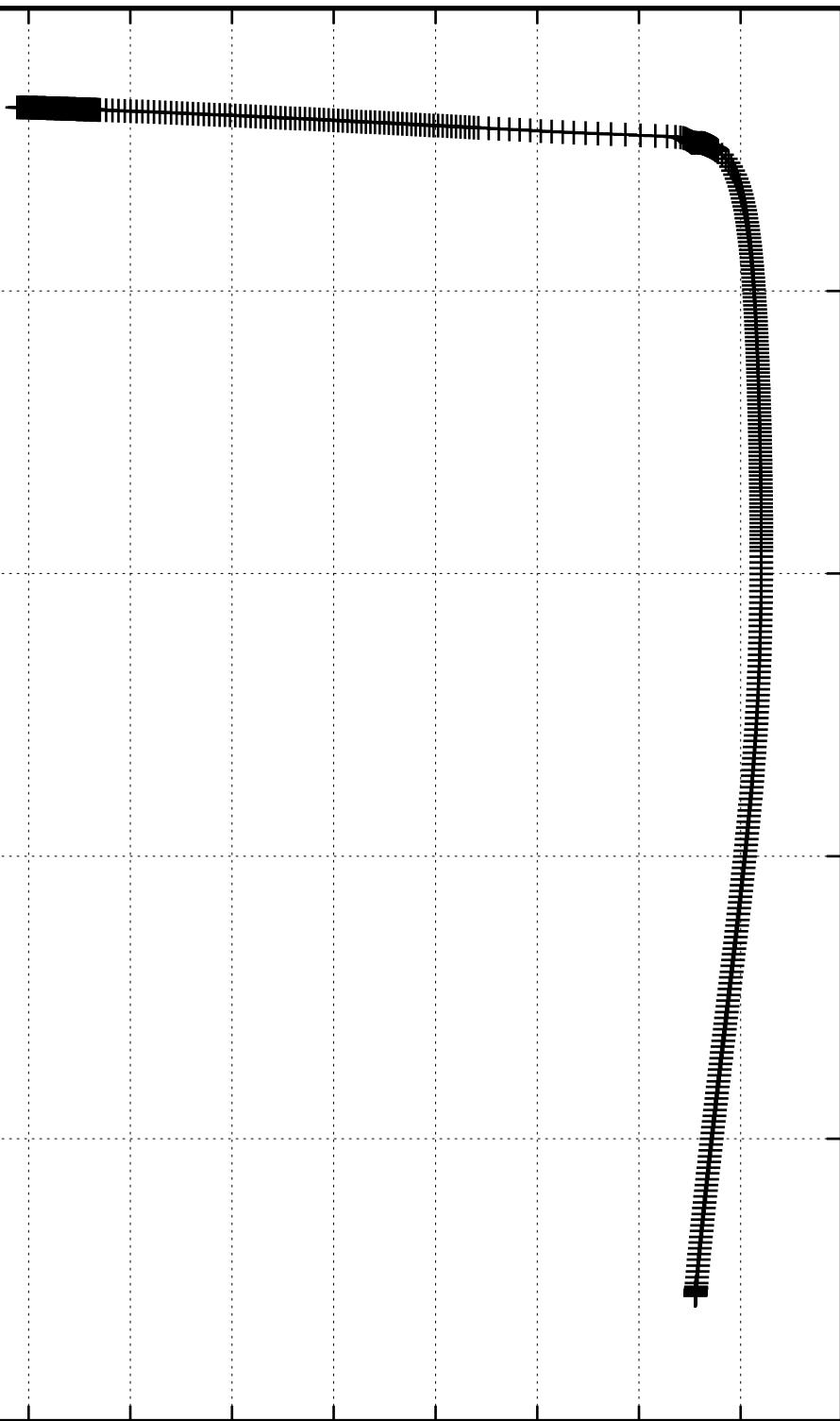
6

4

[---] (O) $\epsilon ps(O)$

0 5 10 15 20 25

Time [Myr]



$M=13 M_{\odot}$ Z=0.1 smc $v=500$ km/s

14

12

10

8

6

4

2

0

-2

-4

[---] (F) [eps]

20

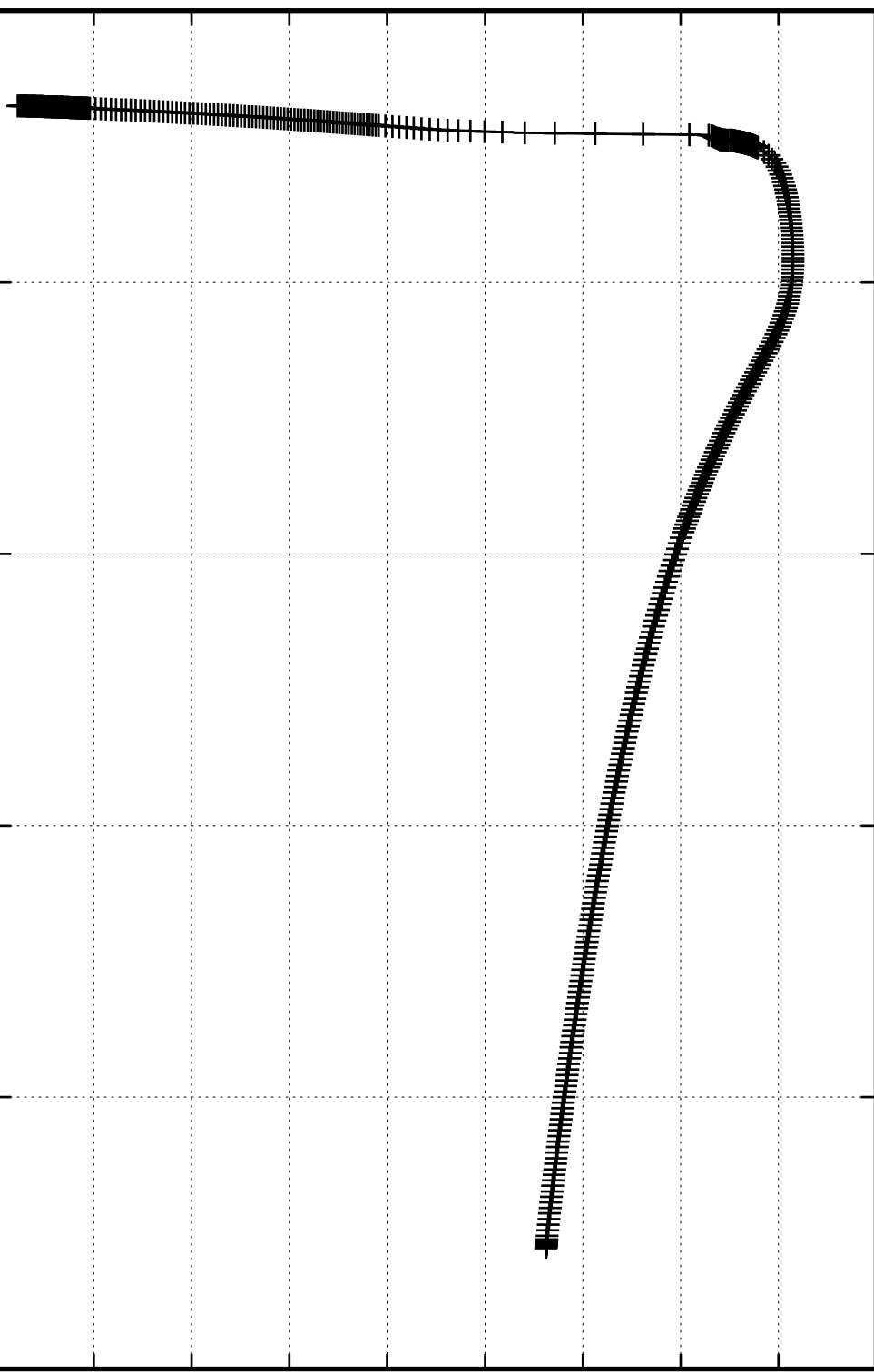
15

10

5

0

Time [Myr]



$M=13 M_{\odot}$ Z=0.1 smc $v=500$ km/s

18

16

14

12

10

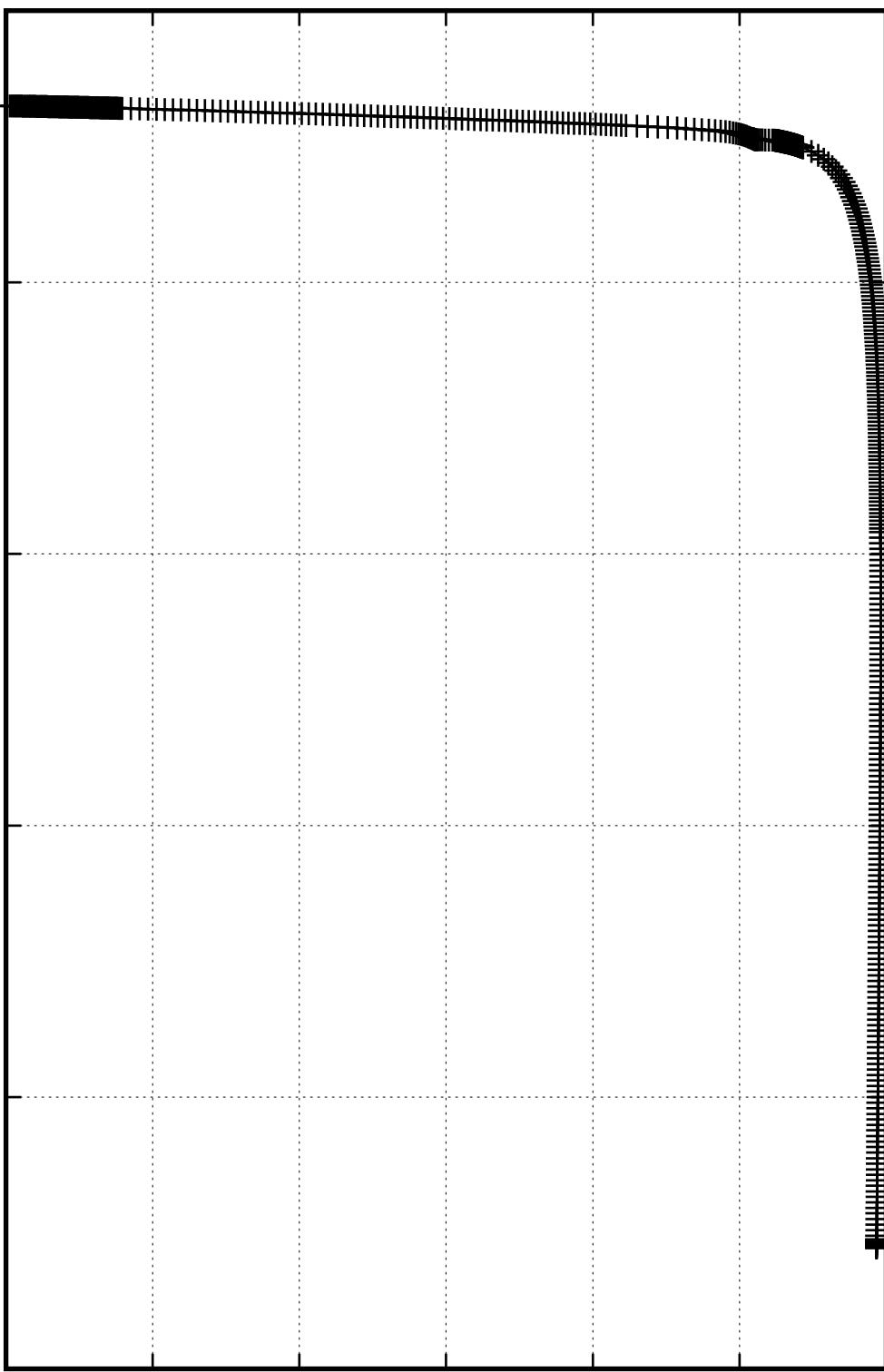
8

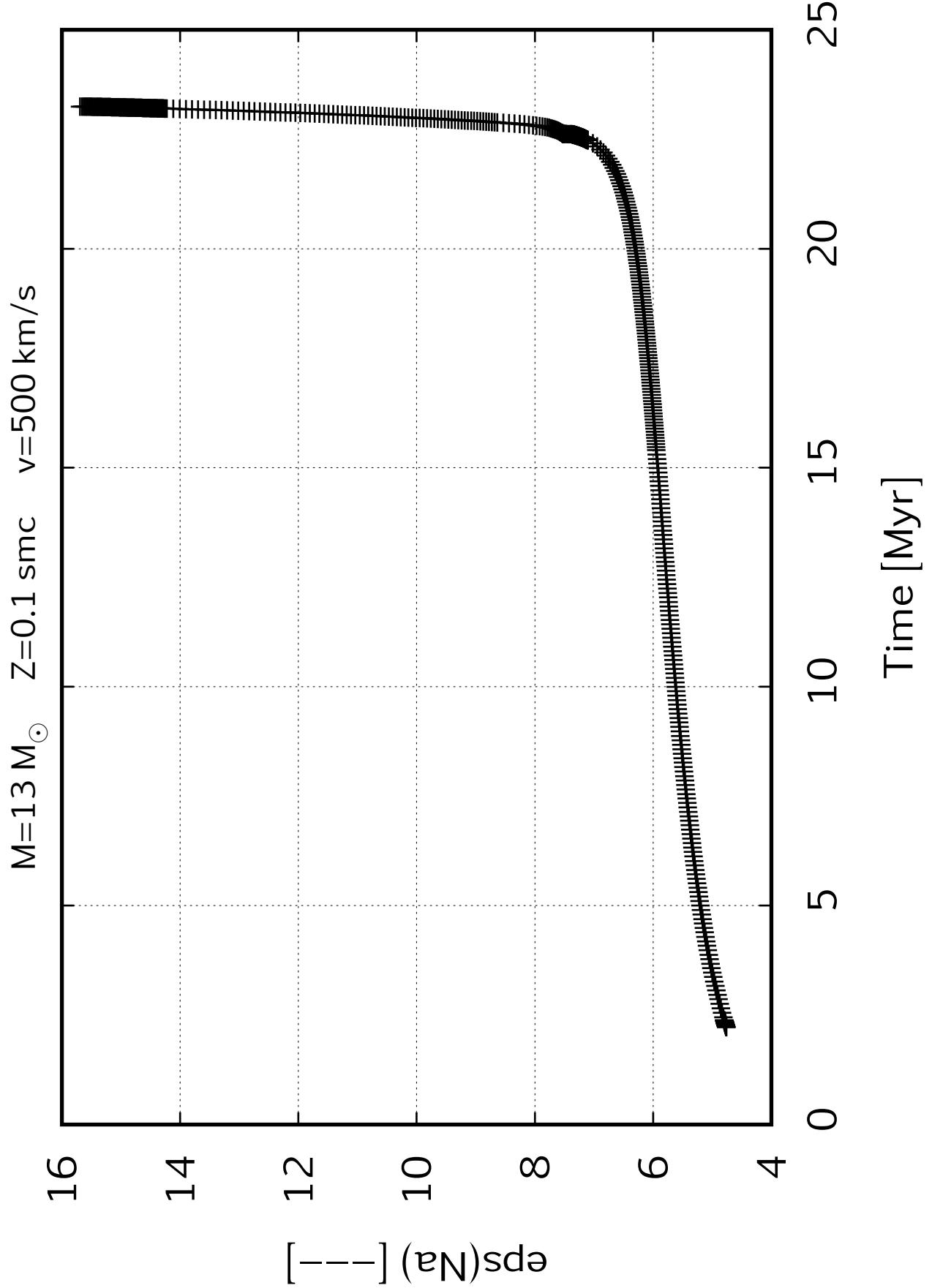
6

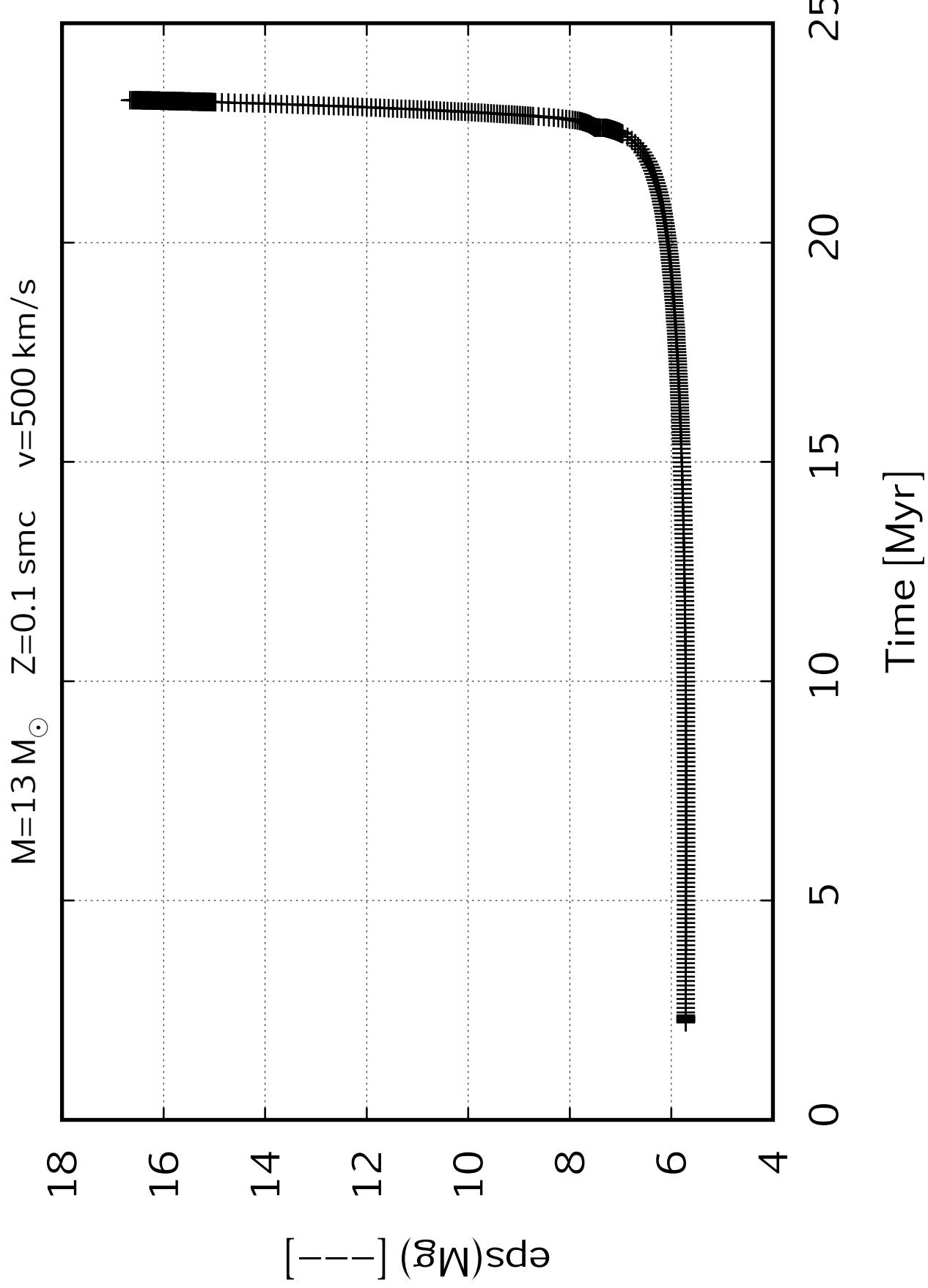
[---] $\epsilon ps(Ne)$ [---]

25
20
15
10
5
0

Time [Myr]







$M=13 M_{\odot}$ Z=0.1 smc $v=500$ km/s

16

14

12

10

8

6

4

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

20

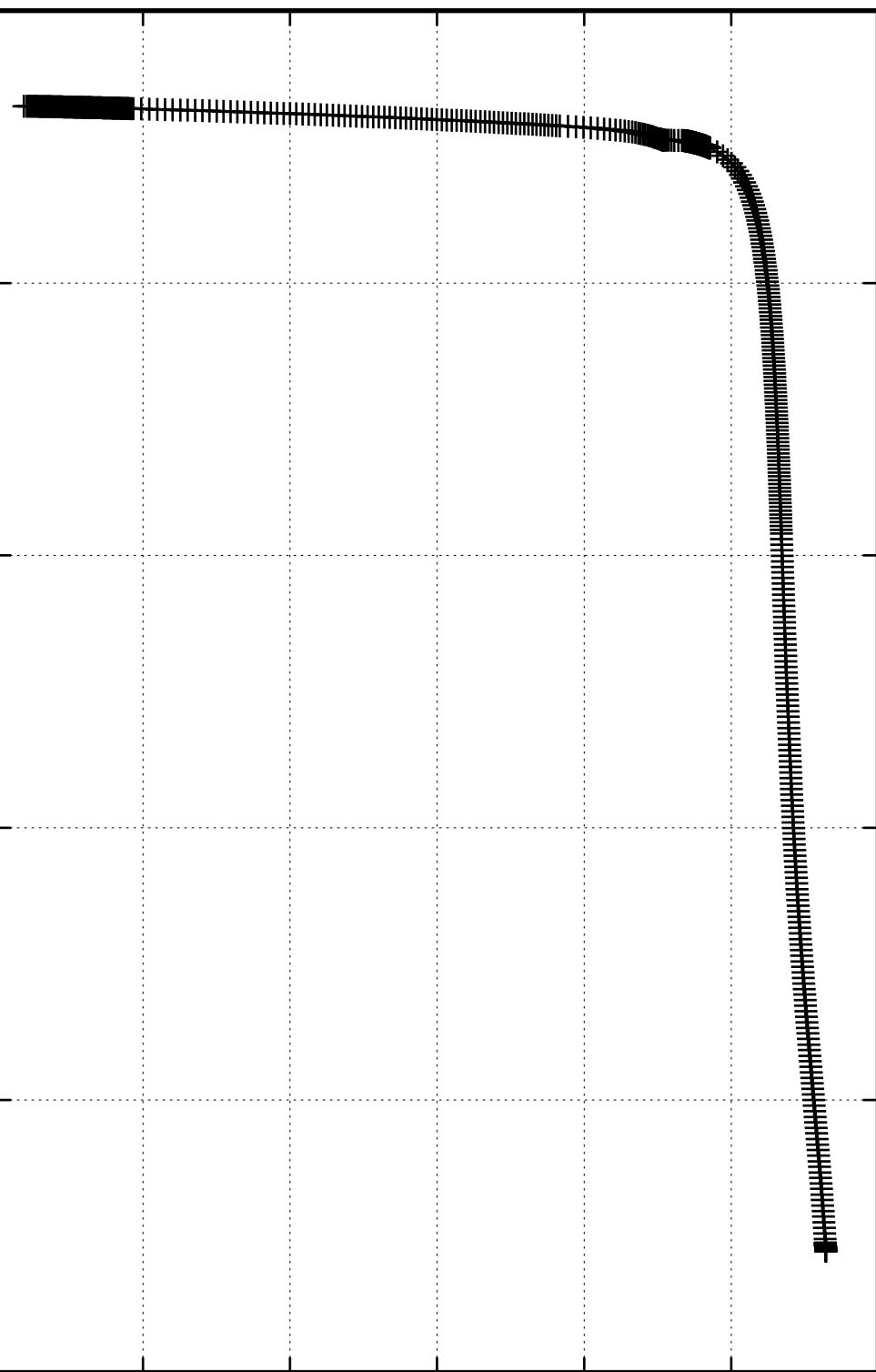
15

10

5

0

Time [Myr]



$M=13 M_{\odot}$ Z=0.1 smc $v=500$ km/s

11.1

11.05

11

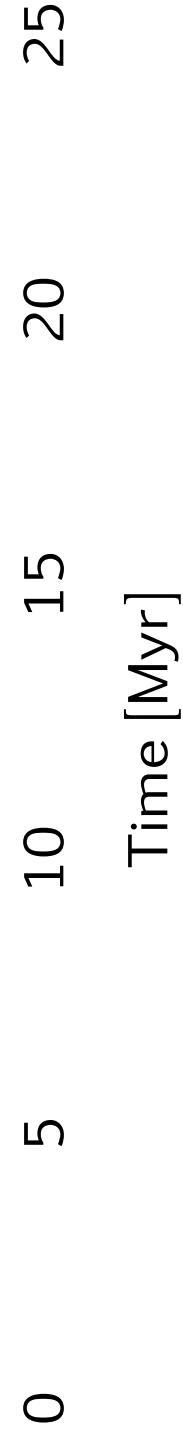
10.95

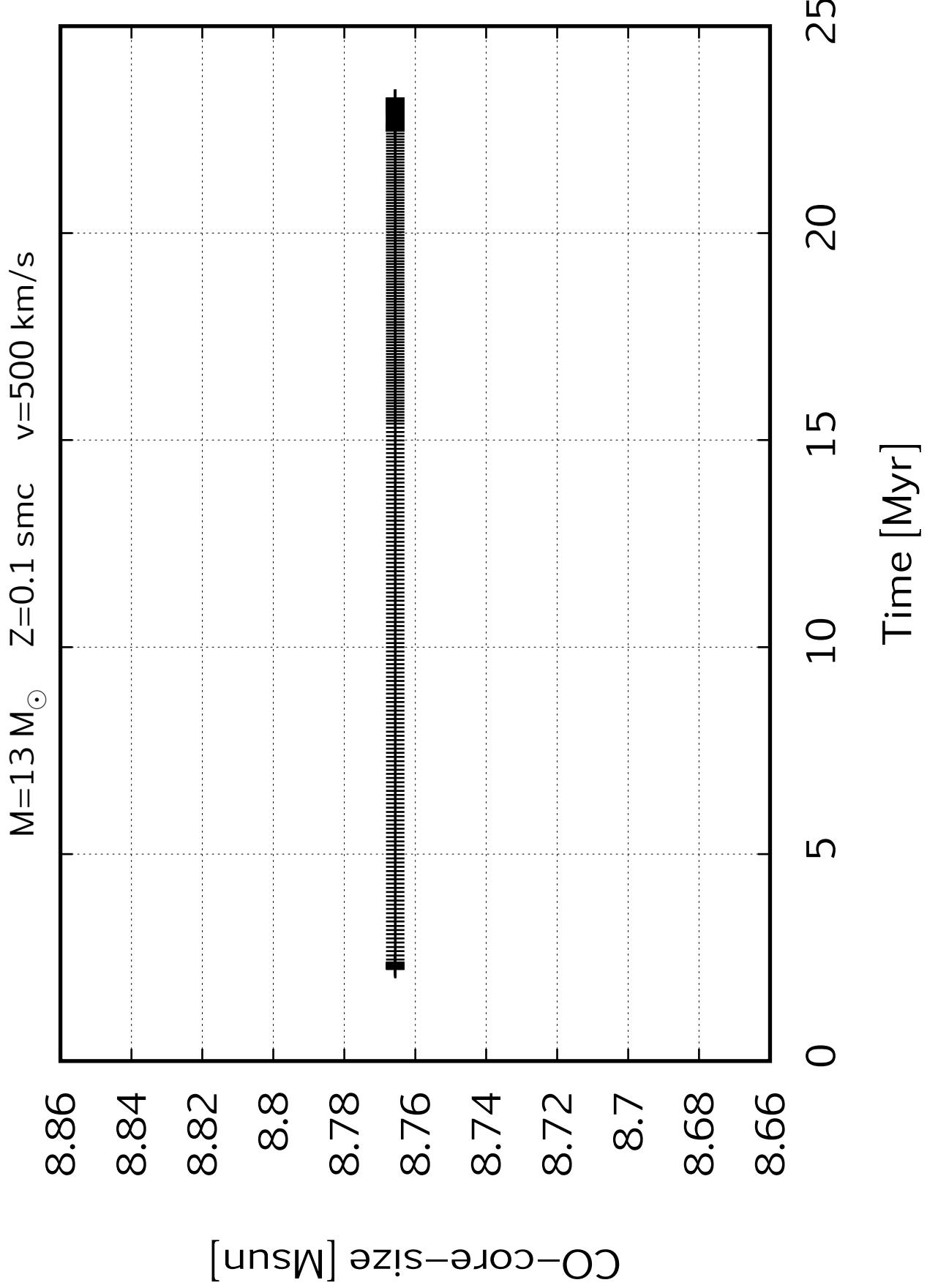
10.9

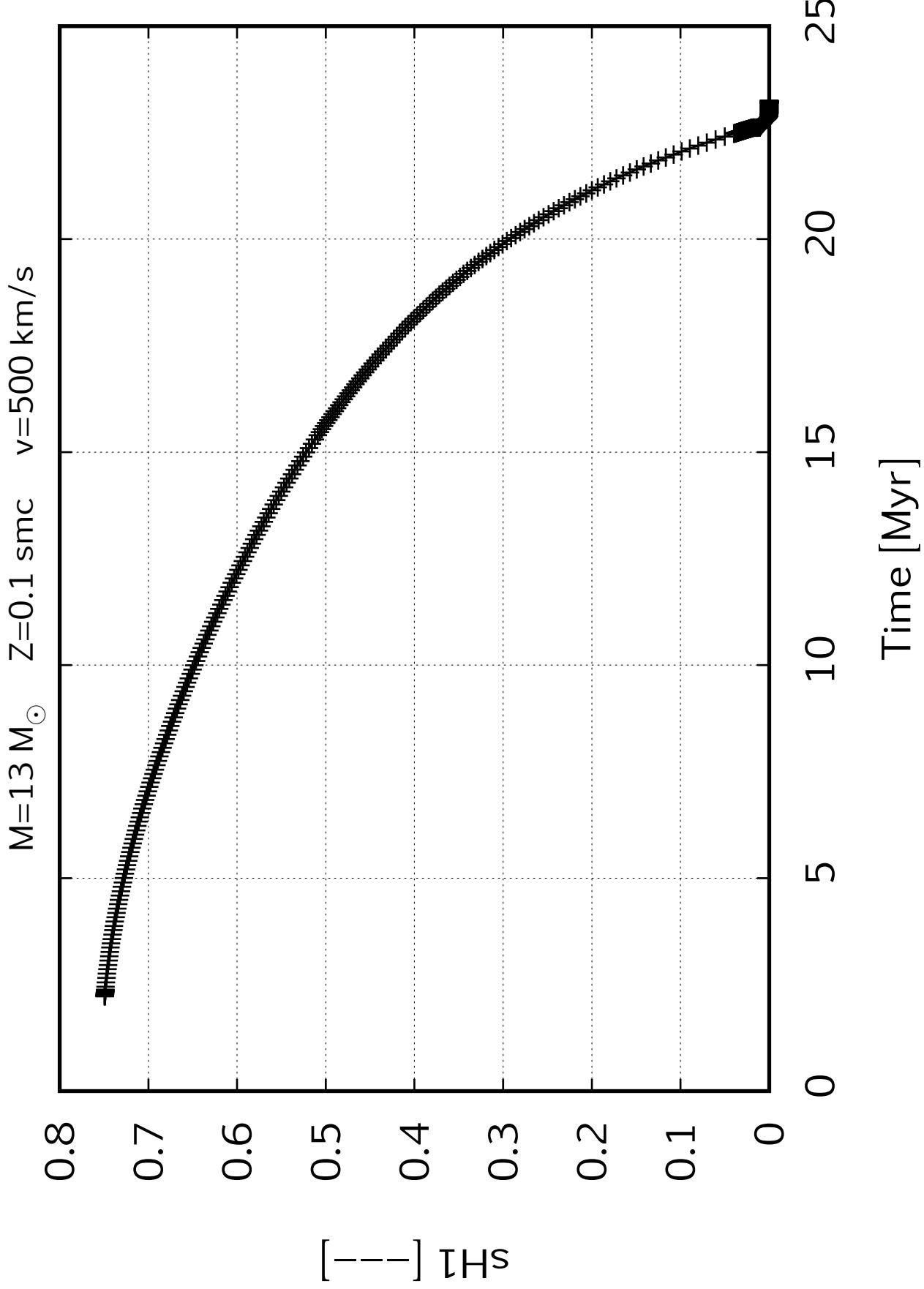
10.85

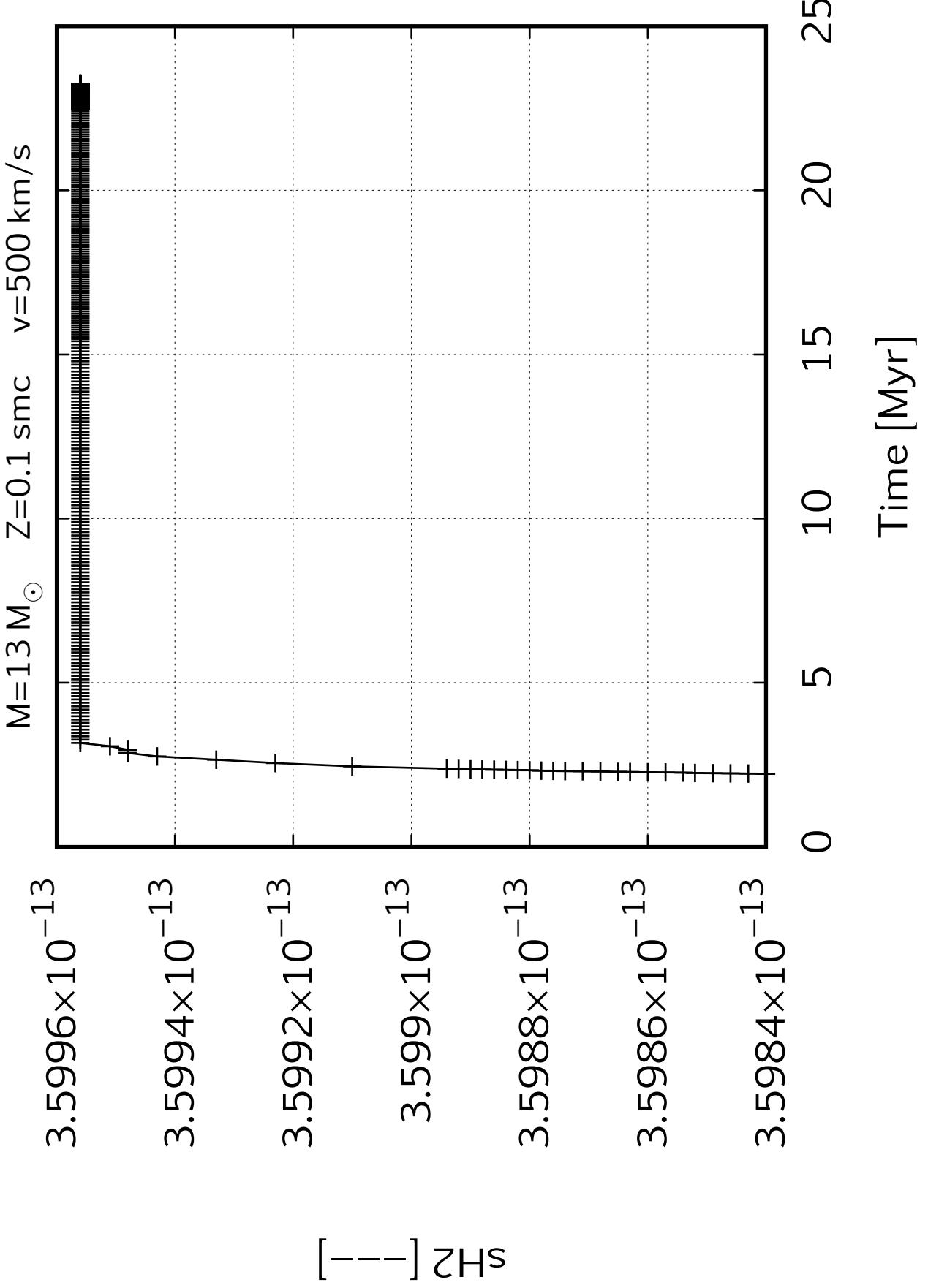
10.8

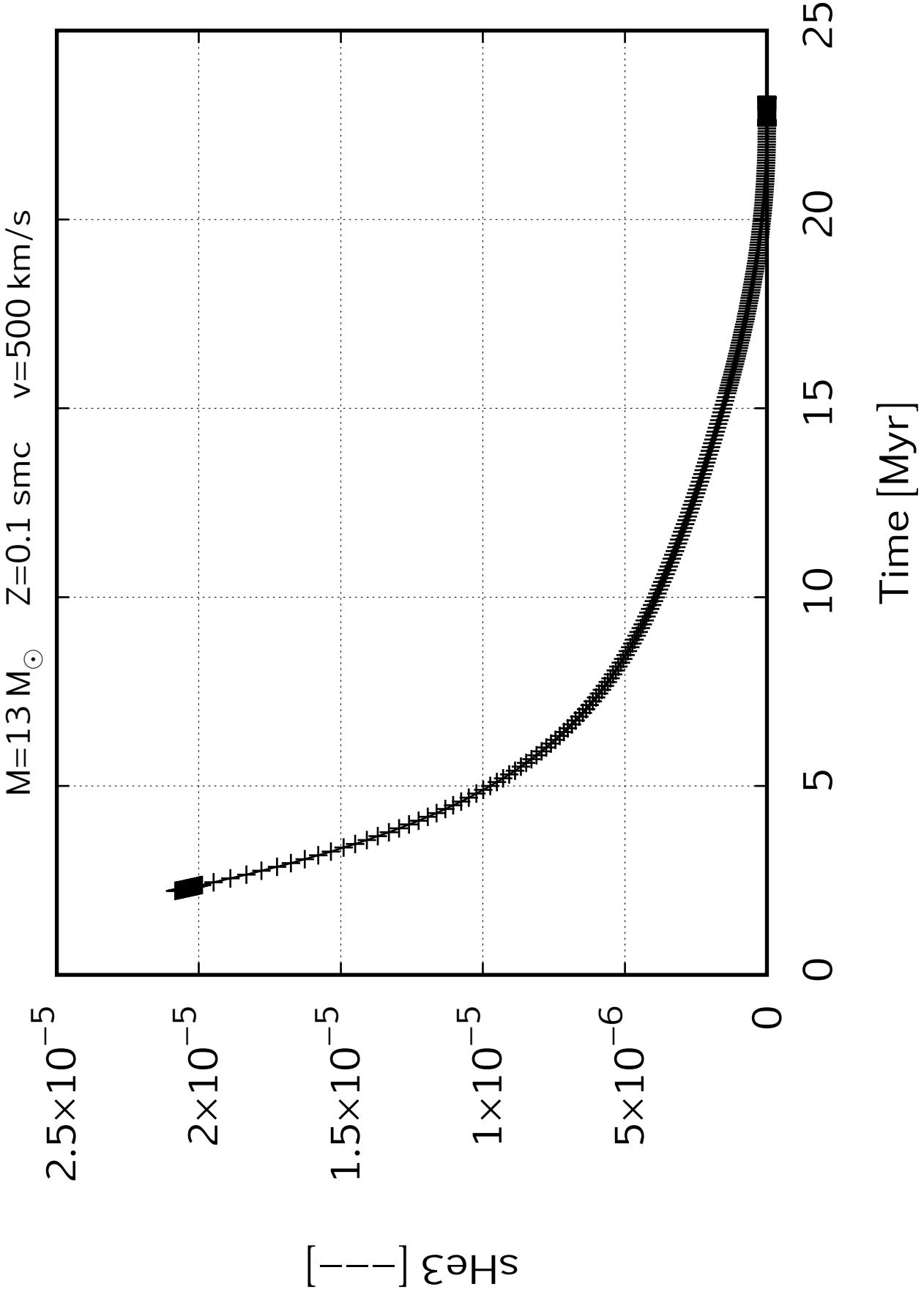
He-core-size [M_{Sun}]

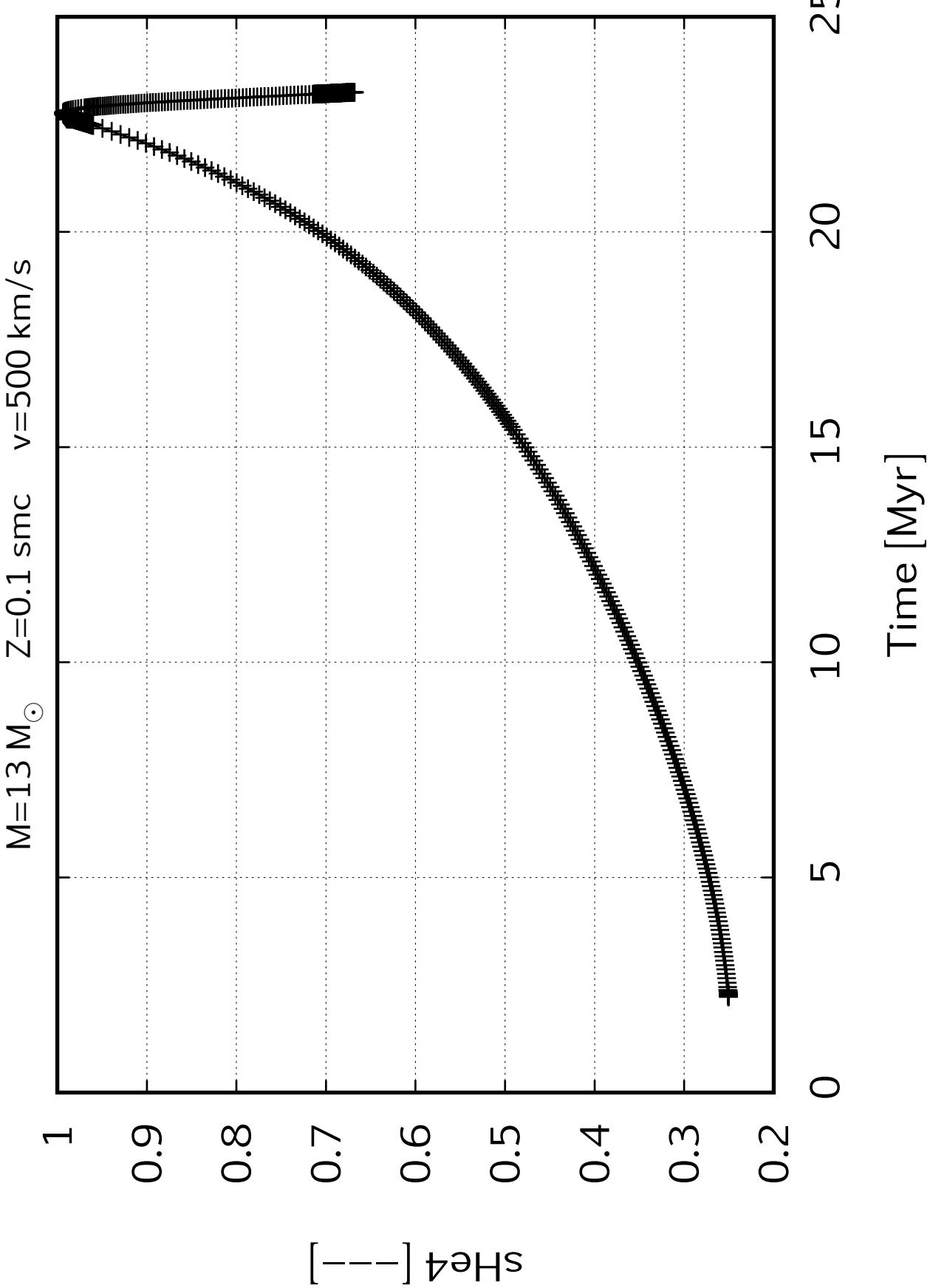












$M=13 M_{\odot}$ Z=0.1 smc $v=500 \text{ km/s}$

7×10^{-20}

6×10^{-20}

5×10^{-20}

4×10^{-20}

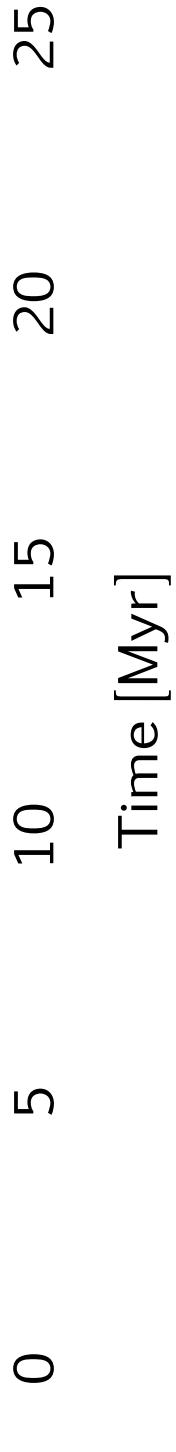
3×10^{-20}

2×10^{-20}

1×10^{-20}

0

[---] 9LiS



$M=13 M_{\odot}$ Z=0.1 smc

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}

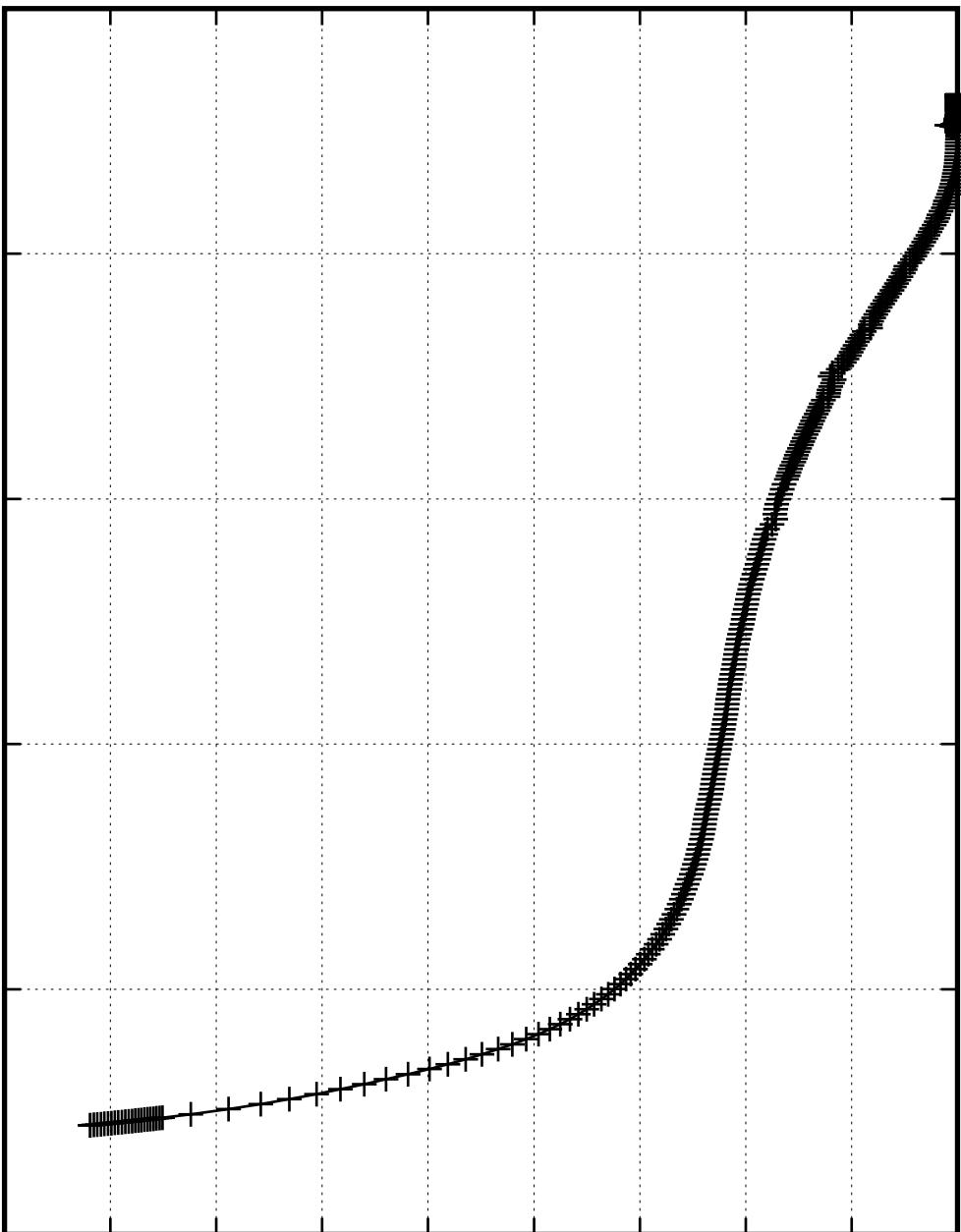
5×10^{-15}

0

0 5 10 15 20 25

Time [Myr]

[---] $\angle Ls$



$M=13 M_{\odot}$ Z=0.1 smc $v=500$ km/s

1.6×10^{-14}

1.4×10^{-14}

1.2×10^{-14}

1×10^{-14}

8×10^{-15}

6×10^{-15}

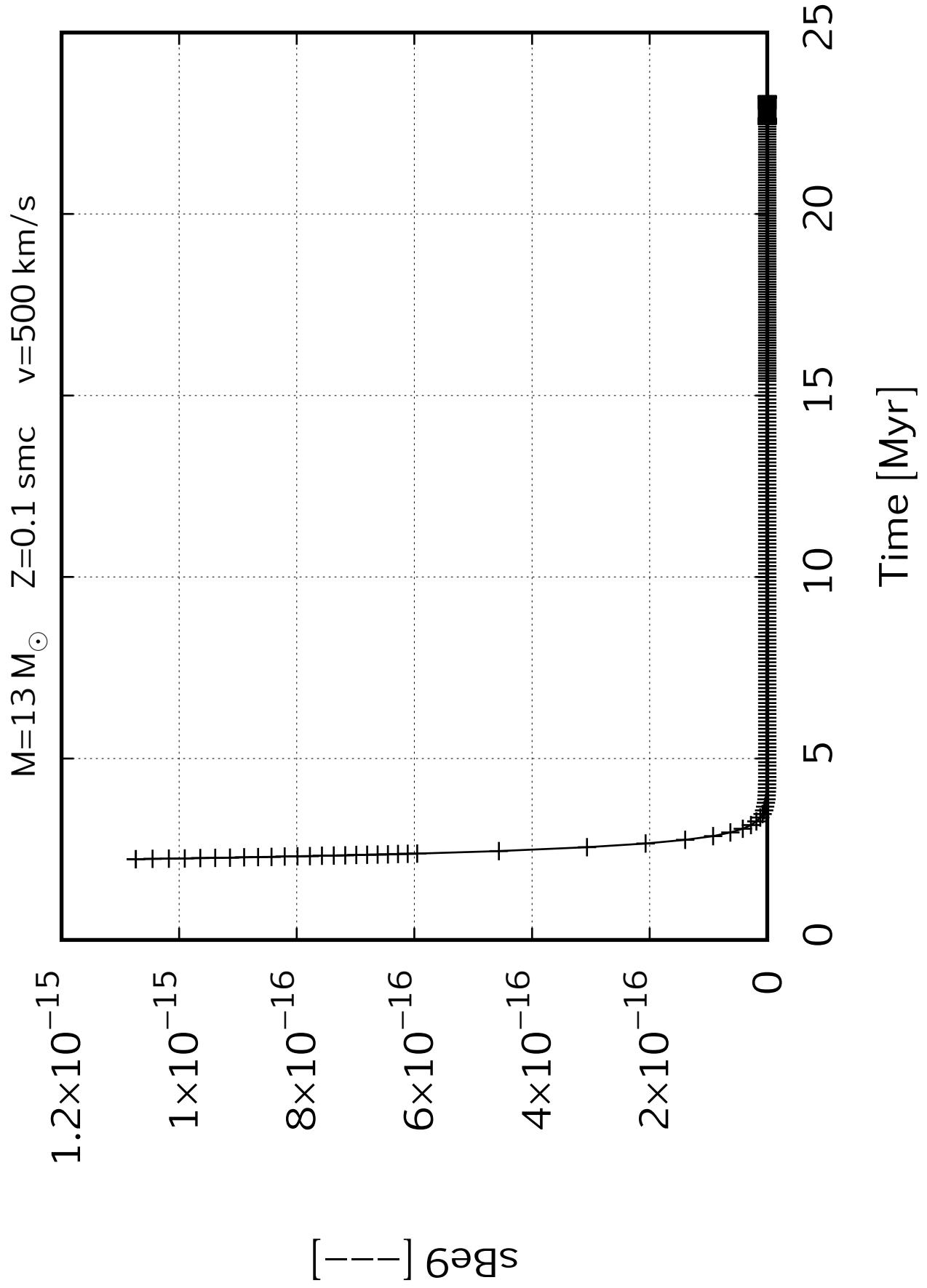
4×10^{-15}

2×10^{-15}

0

SBe^7 [—]





$M=13 M_{\odot}$ Z=0.1 smc v=500 km/s

2×10^{-22}

1.8×10^{-22}

1.6×10^{-22}

1.4×10^{-22}

1.2×10^{-22}

1×10^{-22}

8×10^{-23}

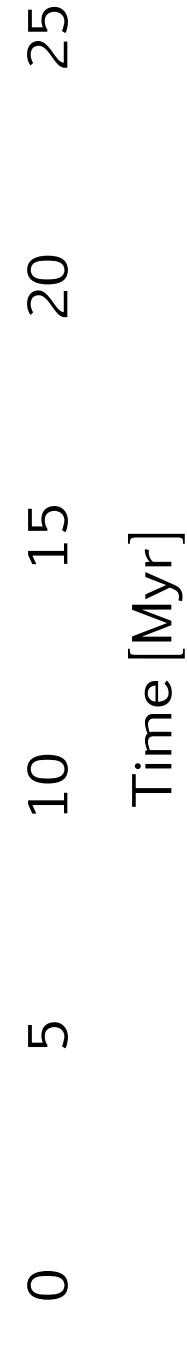
6×10^{-23}

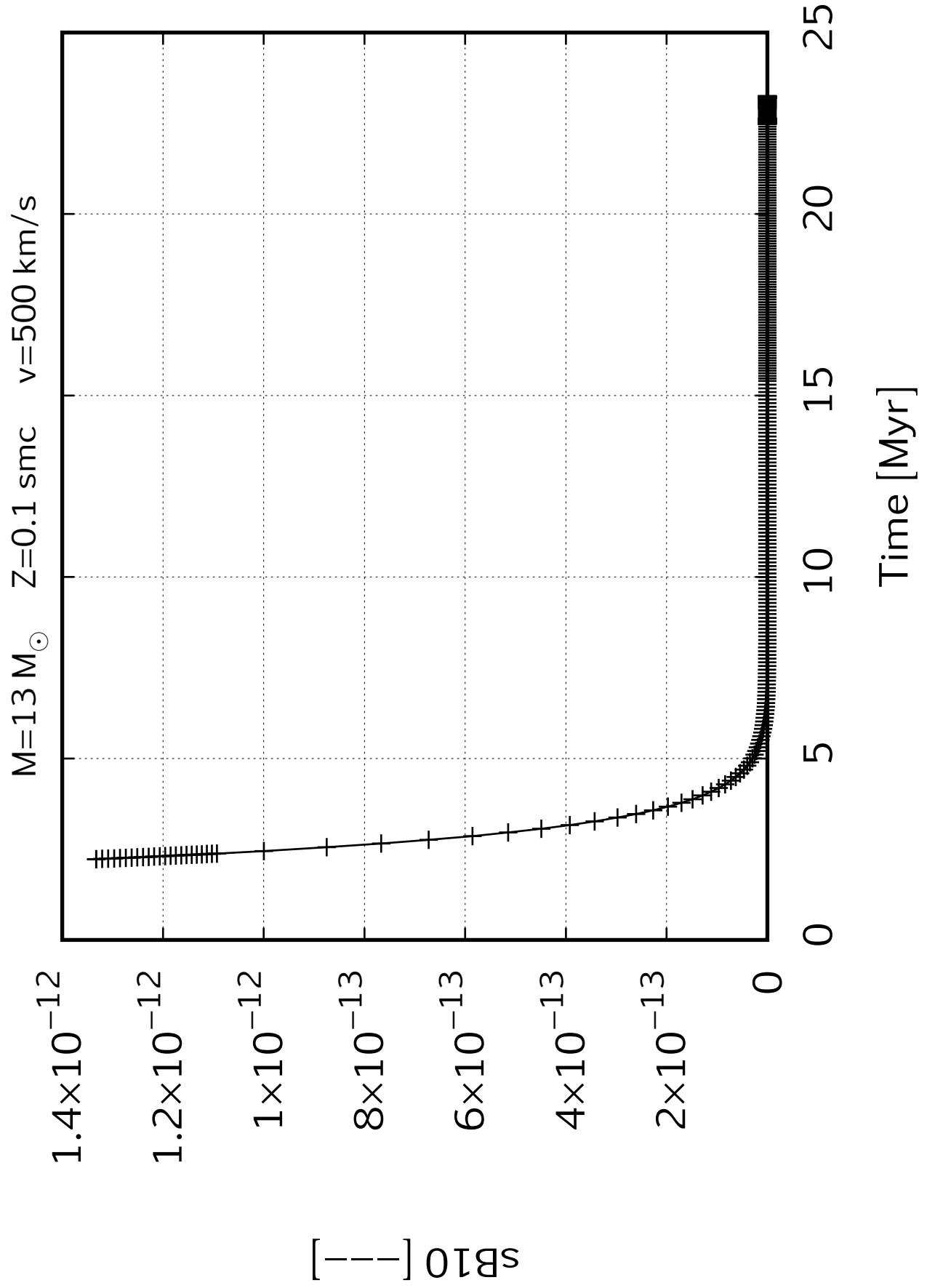
4×10^{-23}

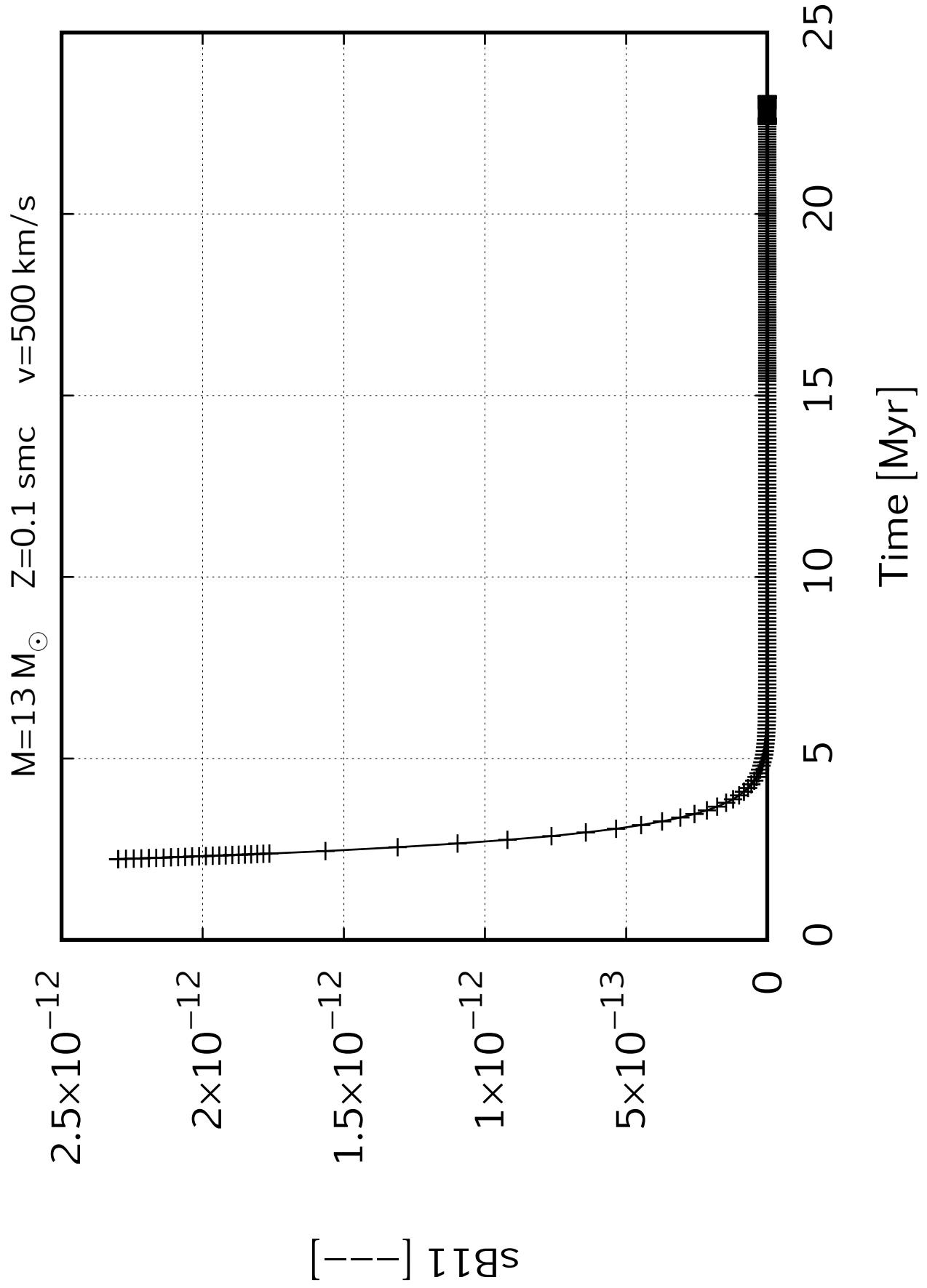
2×10^{-23}

0

[8B8]







M=13 M_⊙ Z=0.1 smc v=500 km/s

1×10⁻³³

9×10⁻³⁴

8×10⁻³⁴

7×10⁻³⁴

6×10⁻³⁴

5×10⁻³⁴

4×10⁻³⁴

3×10⁻³⁴

2×10⁻³⁴

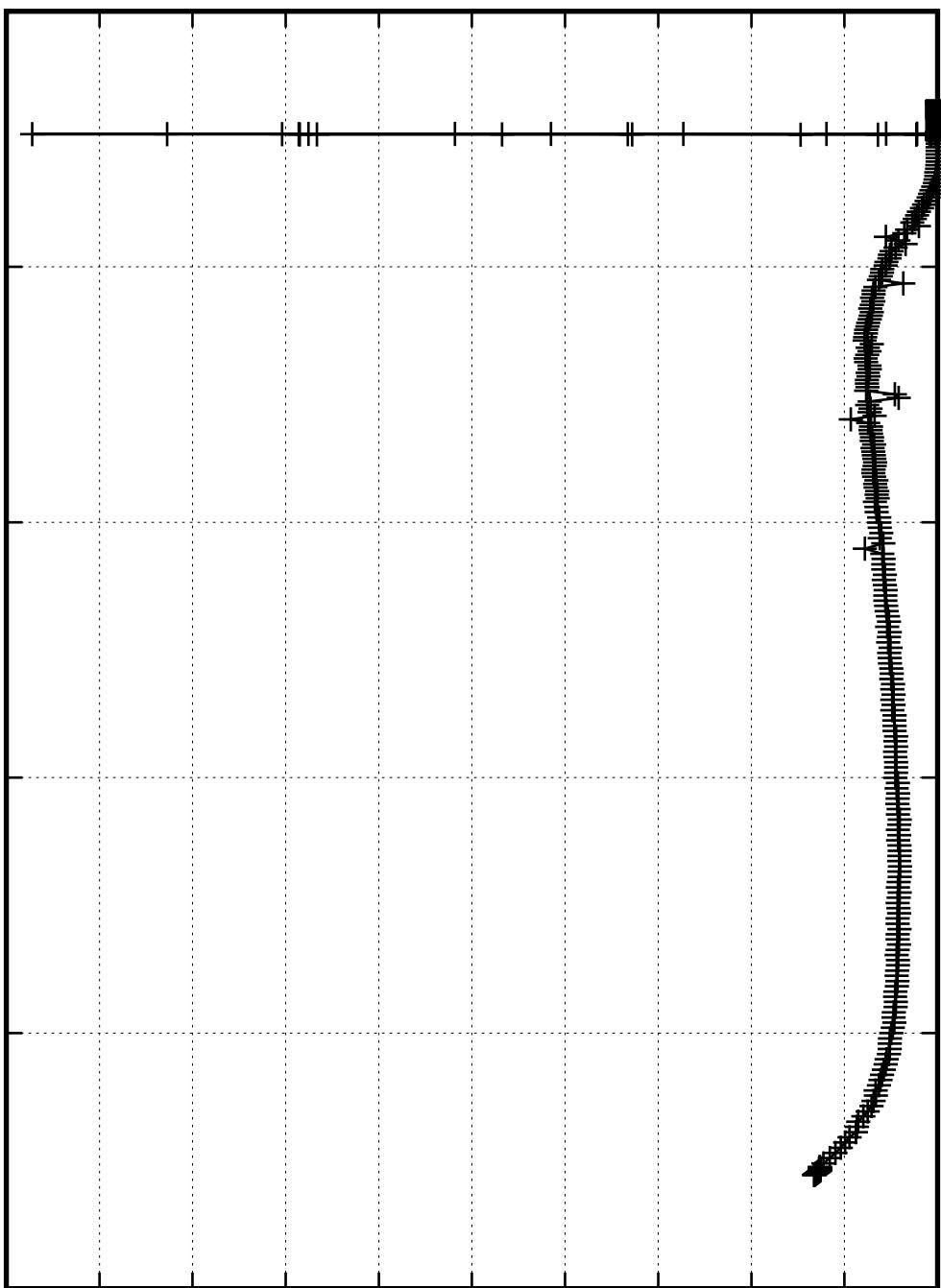
1×10⁻³⁴

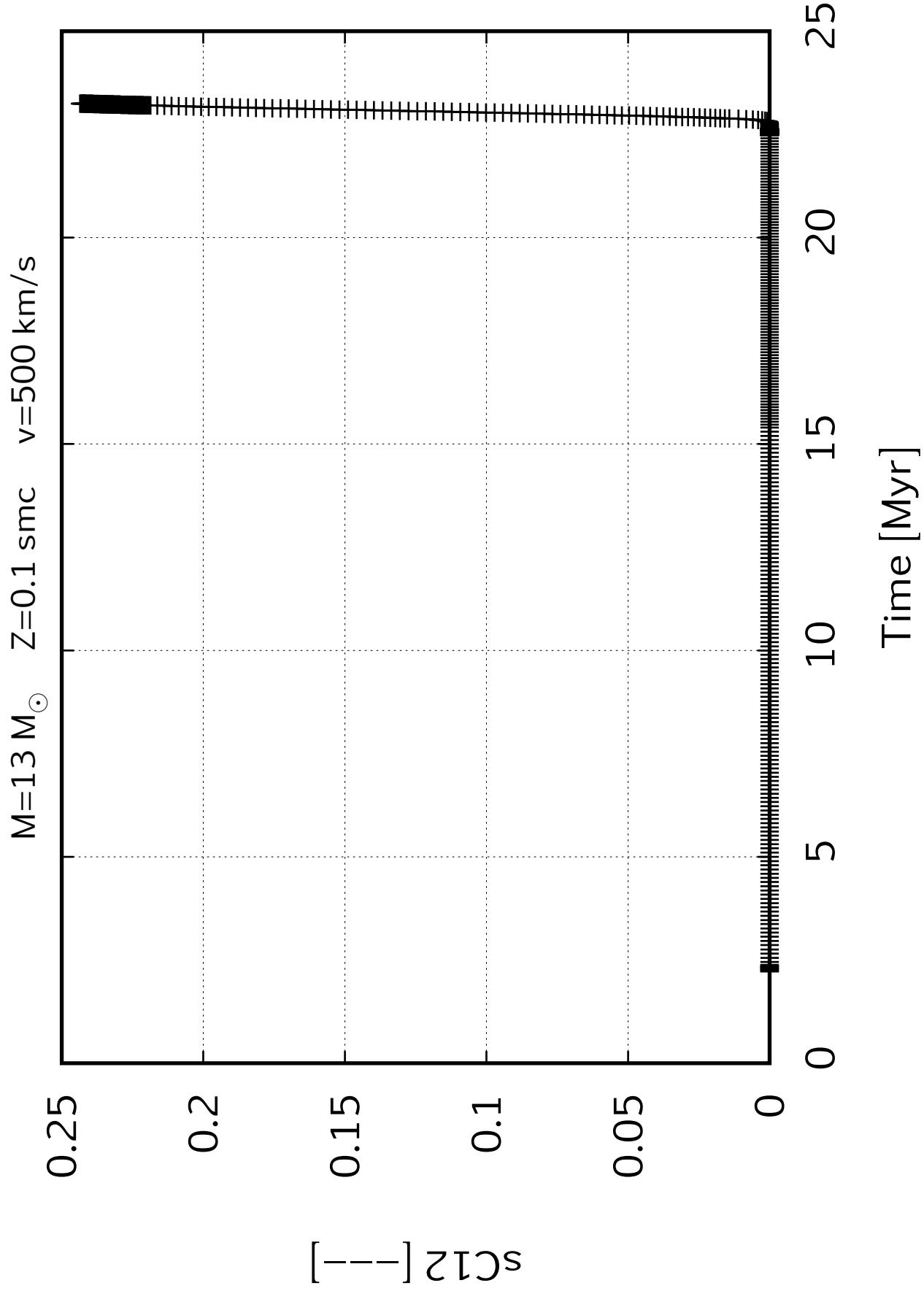
0

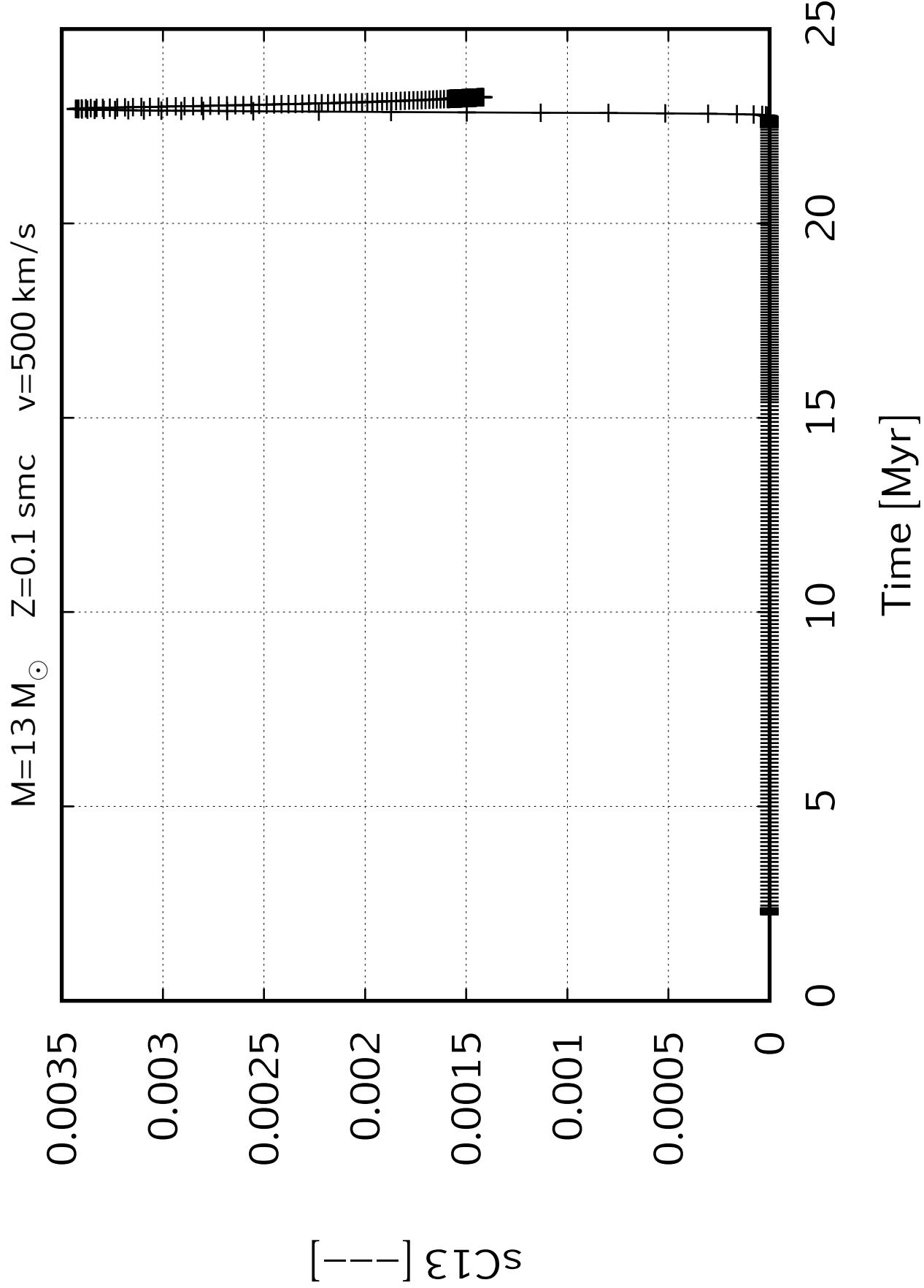
0 5 10 15 20 25

Time [Myr]

SCII





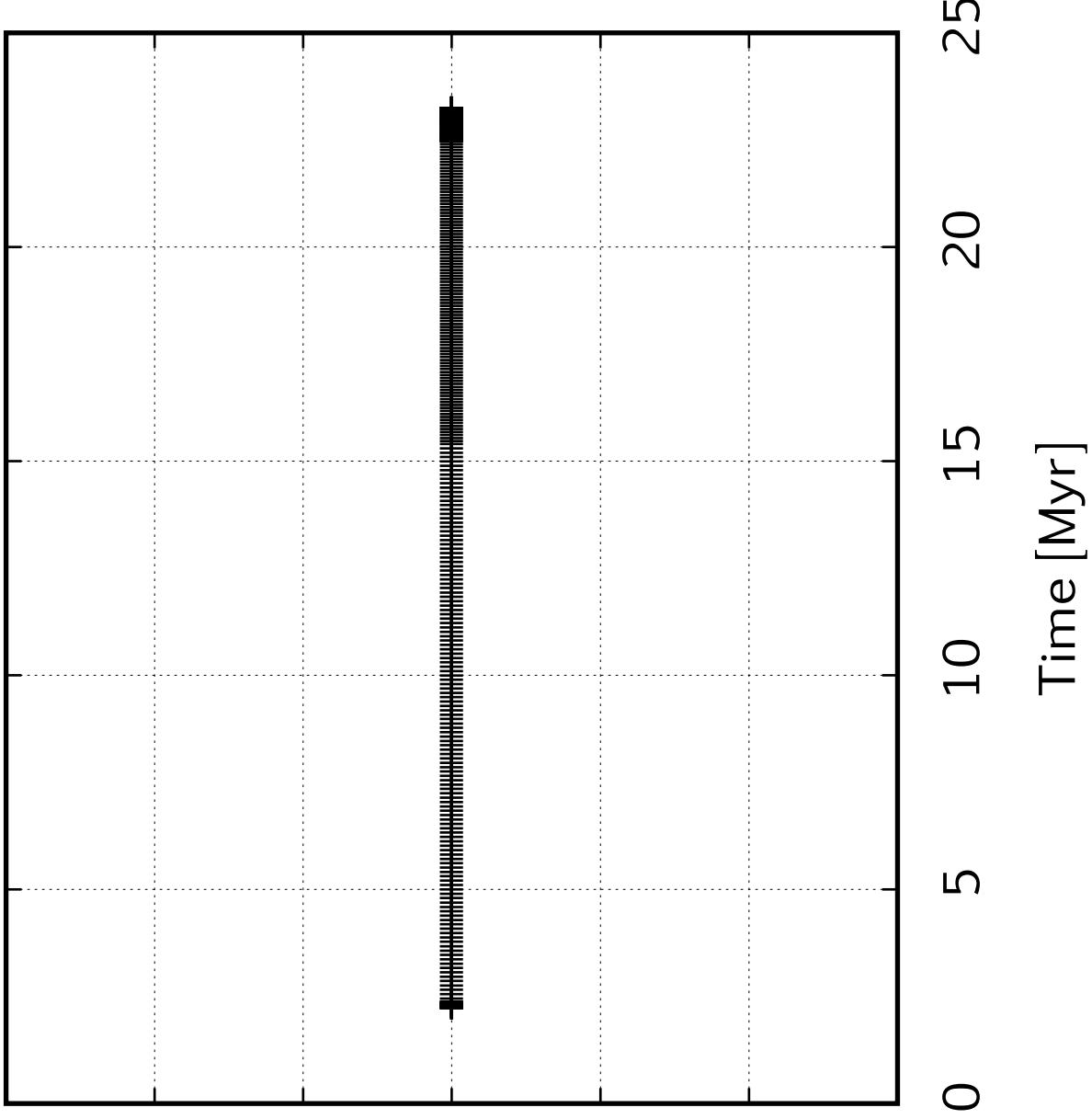


1.415×10^{-99}
 1.41×10^{-99}
 1.405×10^{-99}
 1.4×10^{-99}
 1.395×10^{-99}
 1.39×10^{-99}
 1.385×10^{-99}

$M=13 M_{\odot}$

$Z=0.1$ smc

$v=500$ km/s



[---] Σ_{12}

$M=13 M_{\odot}$ Z=0.1 smc

0.0012

0.001

0.0008

0.0006

0.0004

0.0002

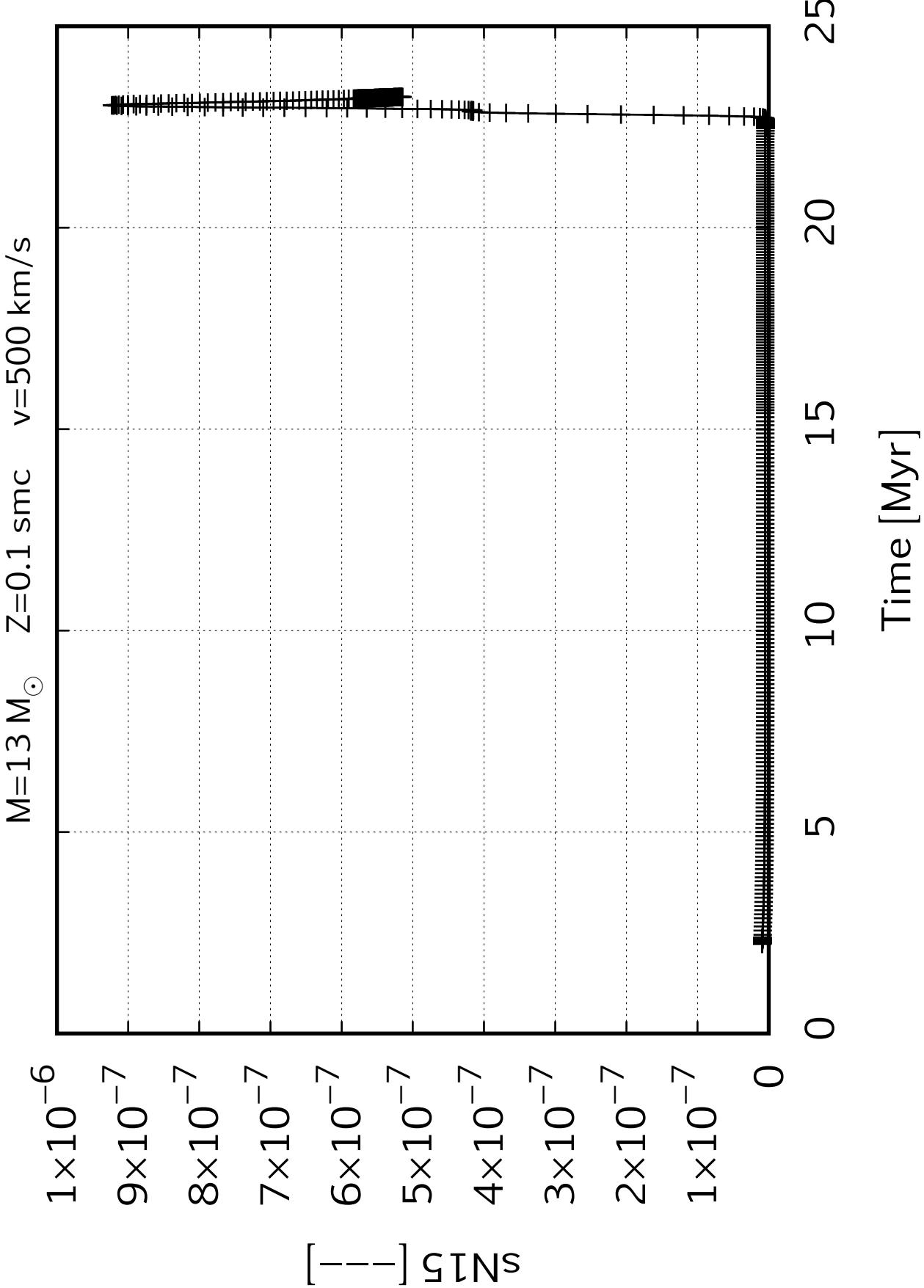
0

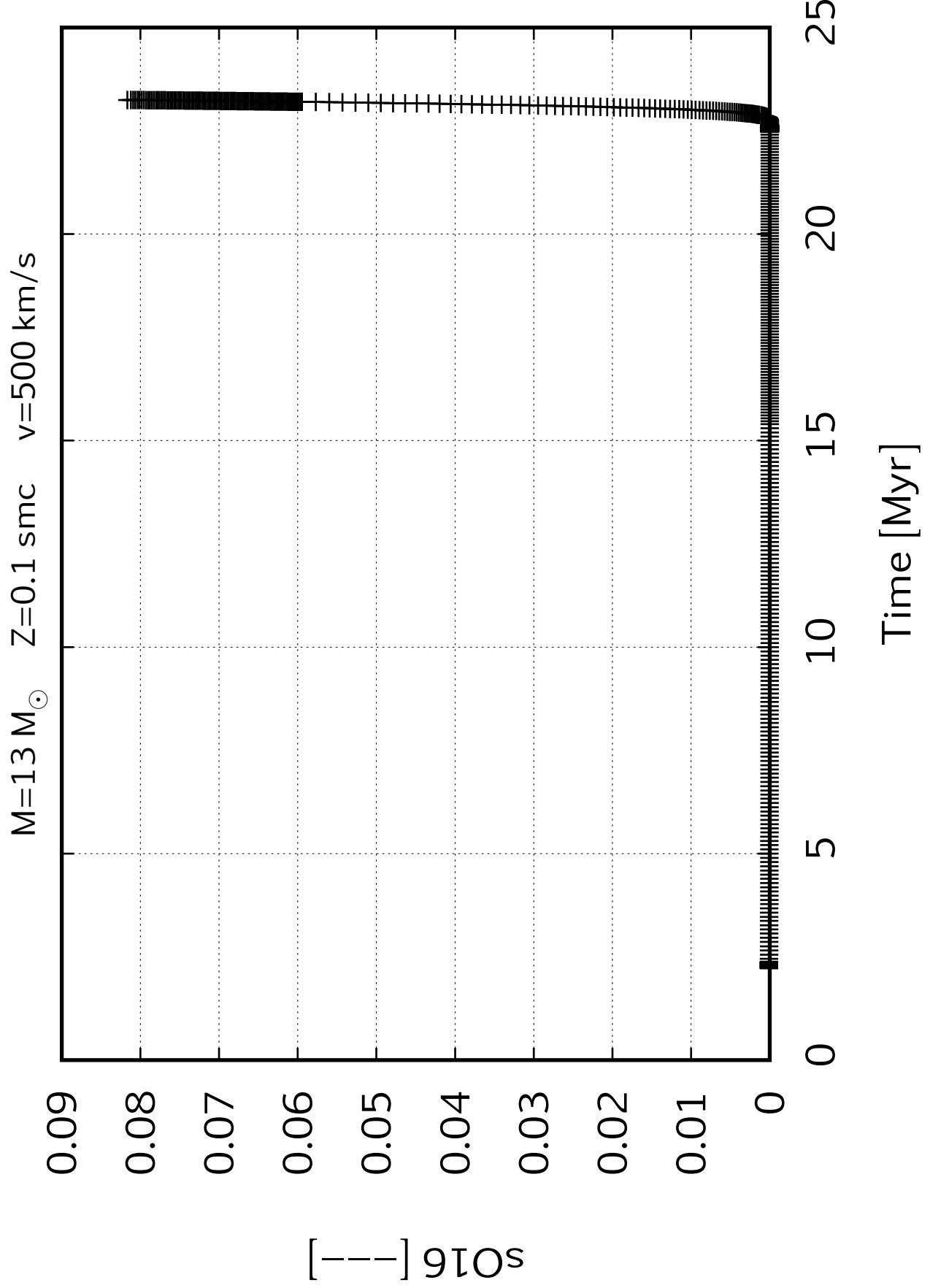
SN14 [—]



$M=13 M_{\odot}$

$v=500$ km/s





$M=13 M_{\odot}$ Z=0.1 smc $v=500$ km/s

2.5×10^{-6}

2×10^{-6}

1.5×10^{-6}

1×10^{-6}

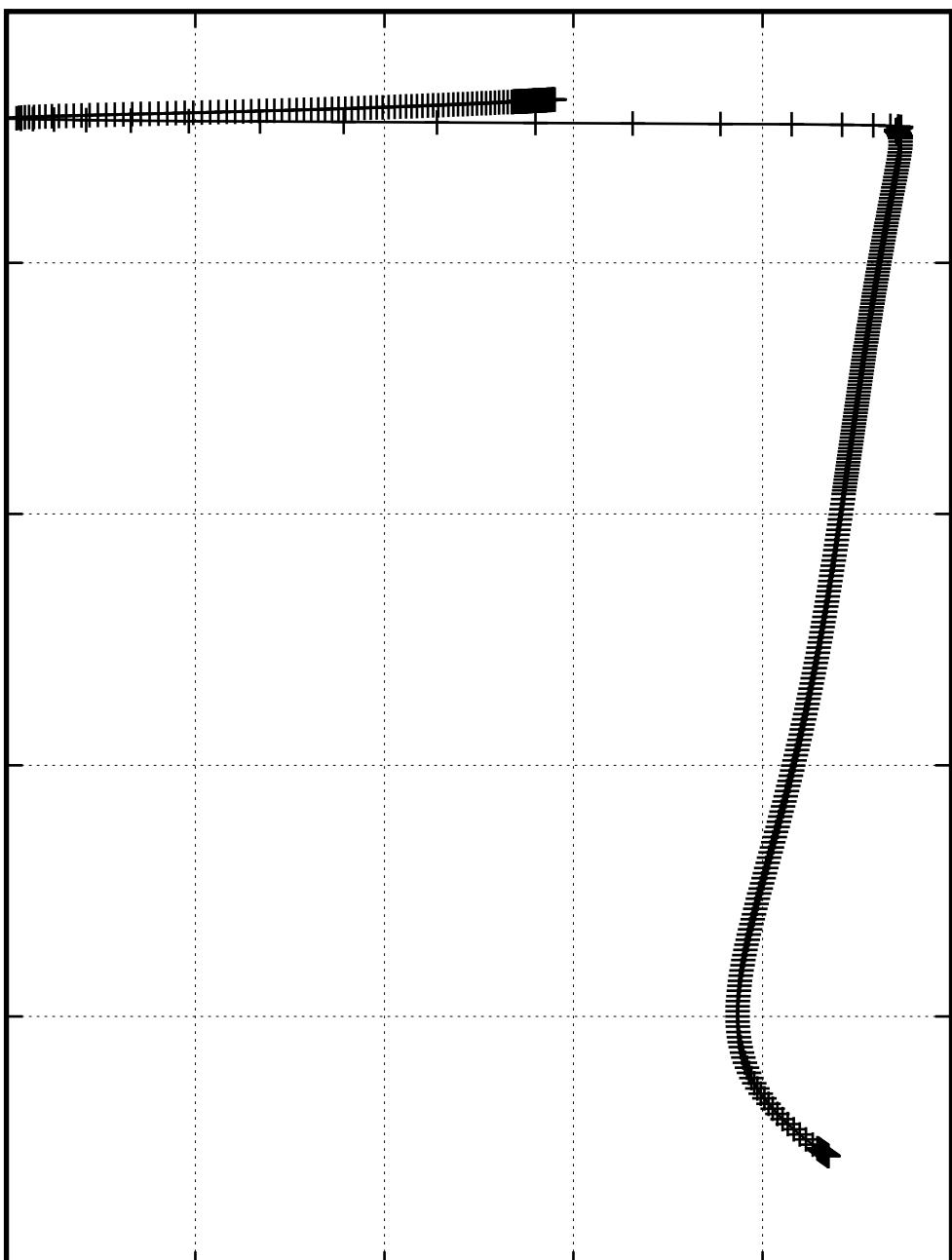
5×10^{-7}

0

0 5 10 15 20 25

Time [Myr]

[---] TiO_2



$M=13 M_{\odot}$ Z=0.1 smc v=500 km/s

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

[^{18}O] 81

Time [Myr]
0 5 10 15 20 25

$M=13 M_{\odot}$ Z=0.1 smc $v=500$ km/s

2.5×10^{-8}

2×10^{-8}

1.5×10^{-8}

1×10^{-8}

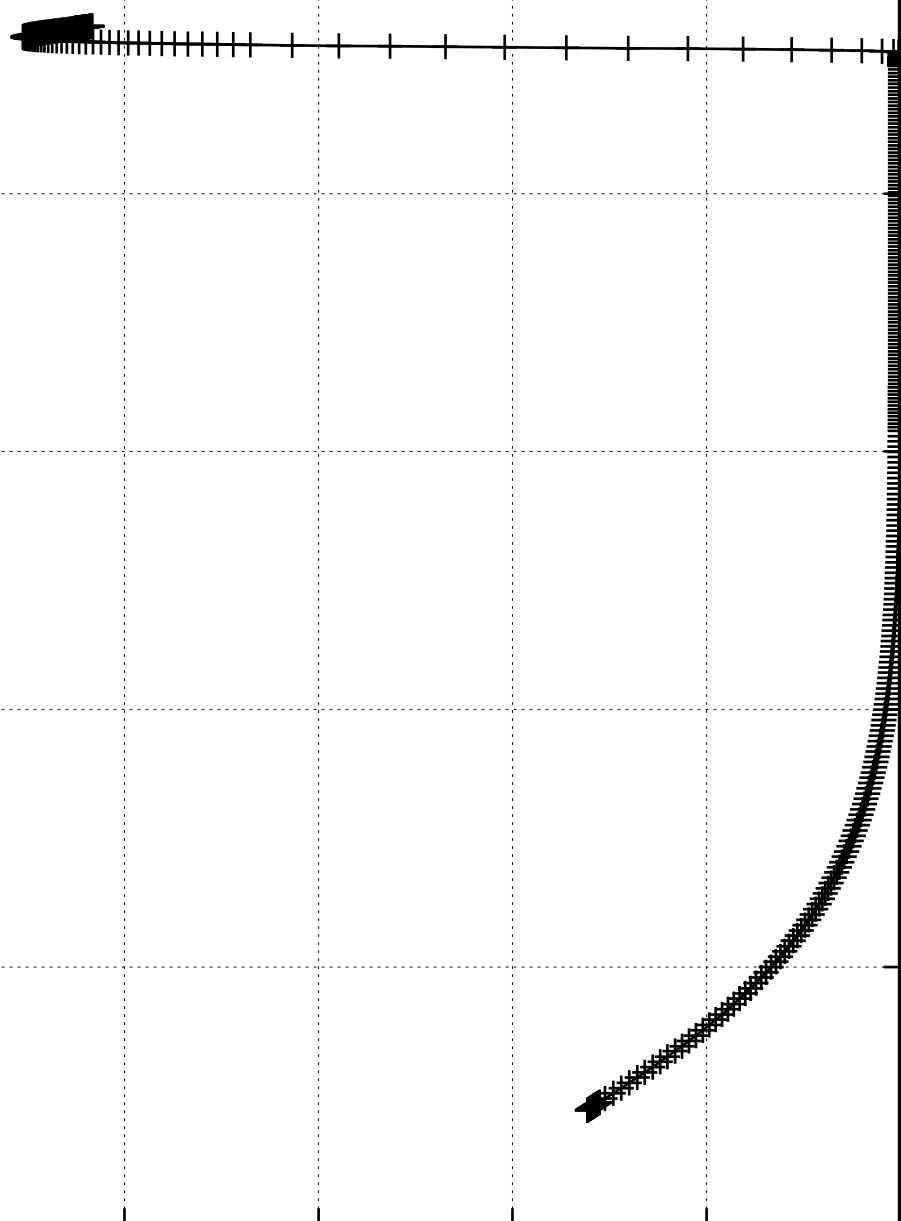
5×10^{-9}

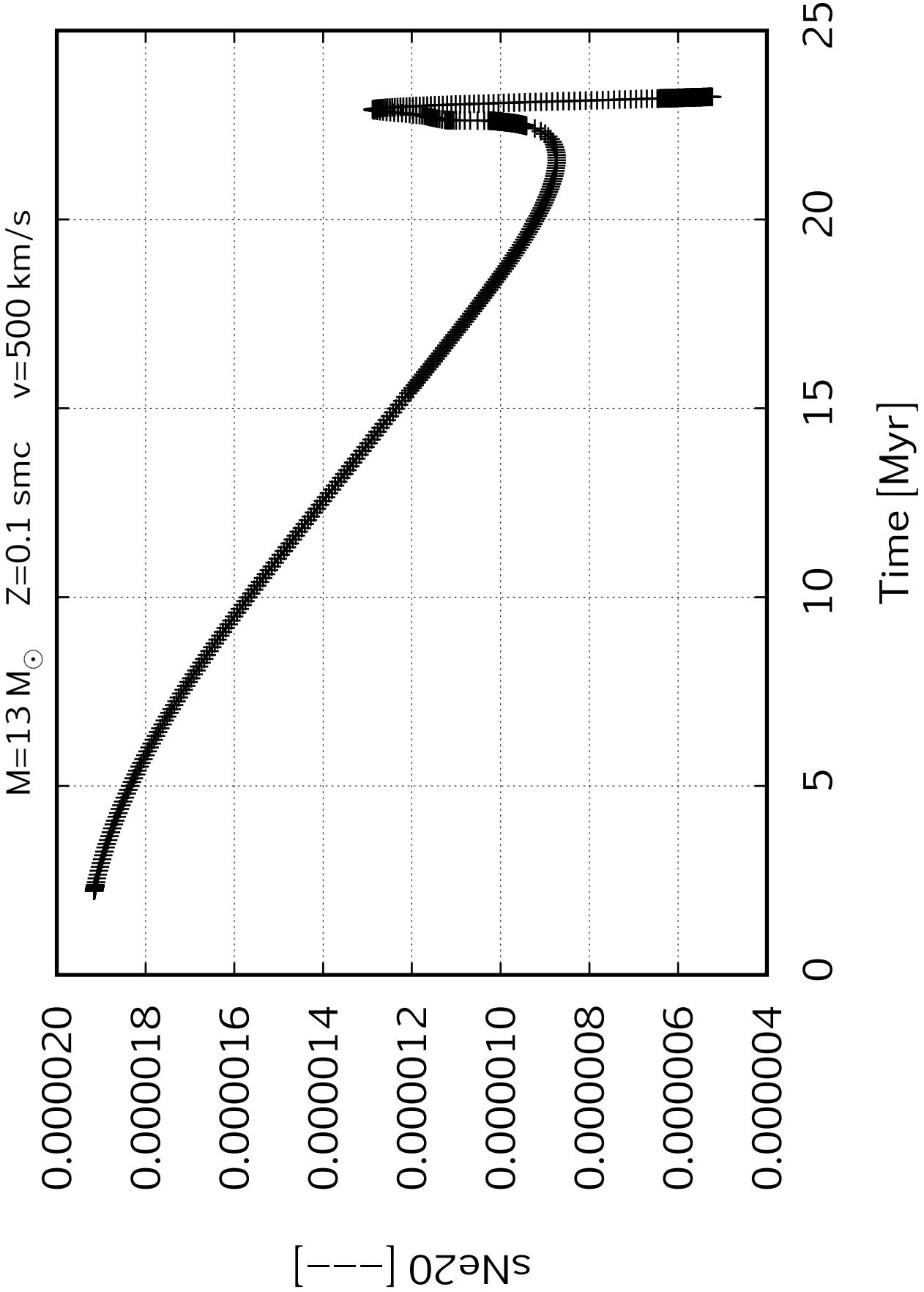
0

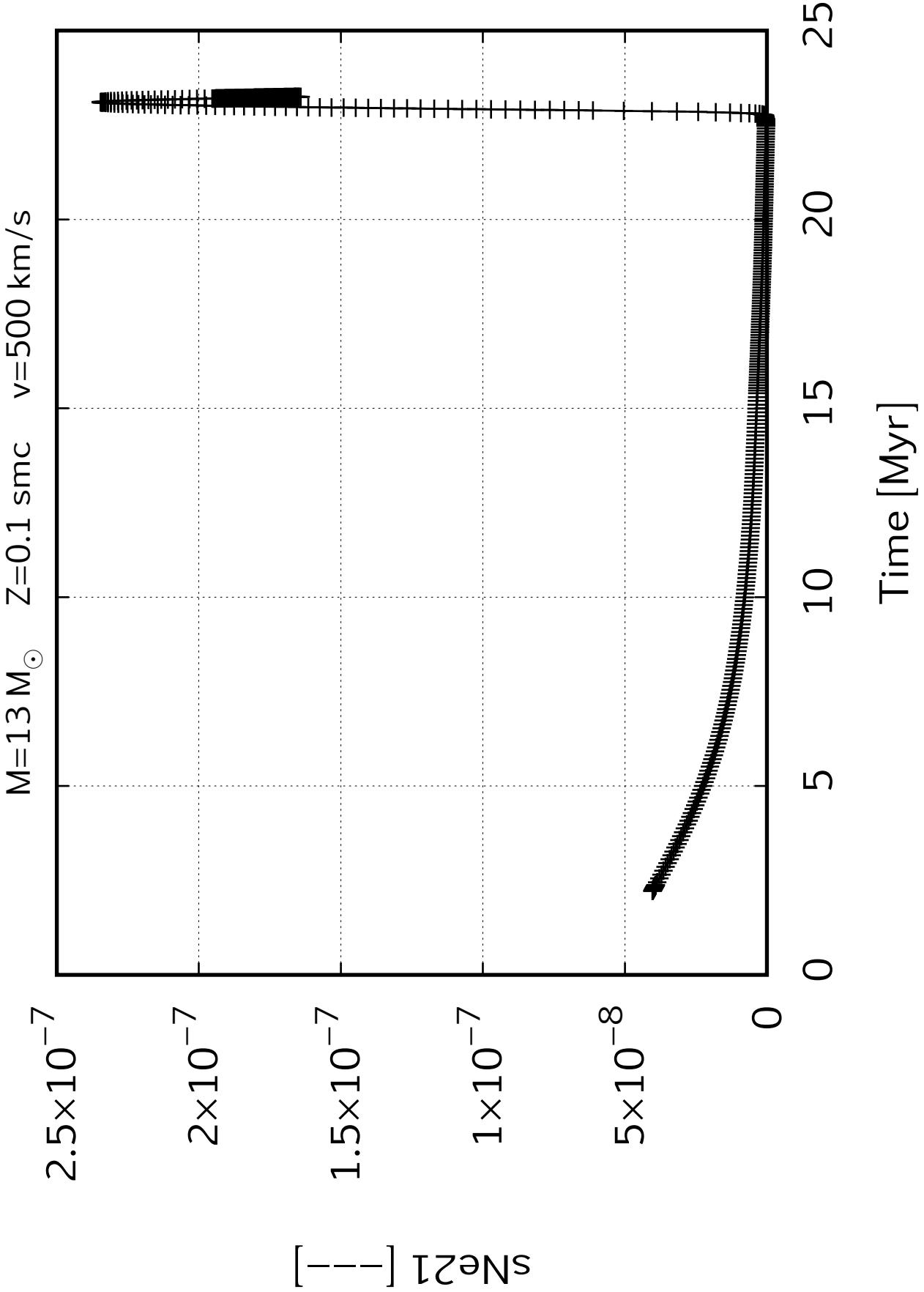
0 5 10 15 20 25

Time [Myr]

[---] SF19

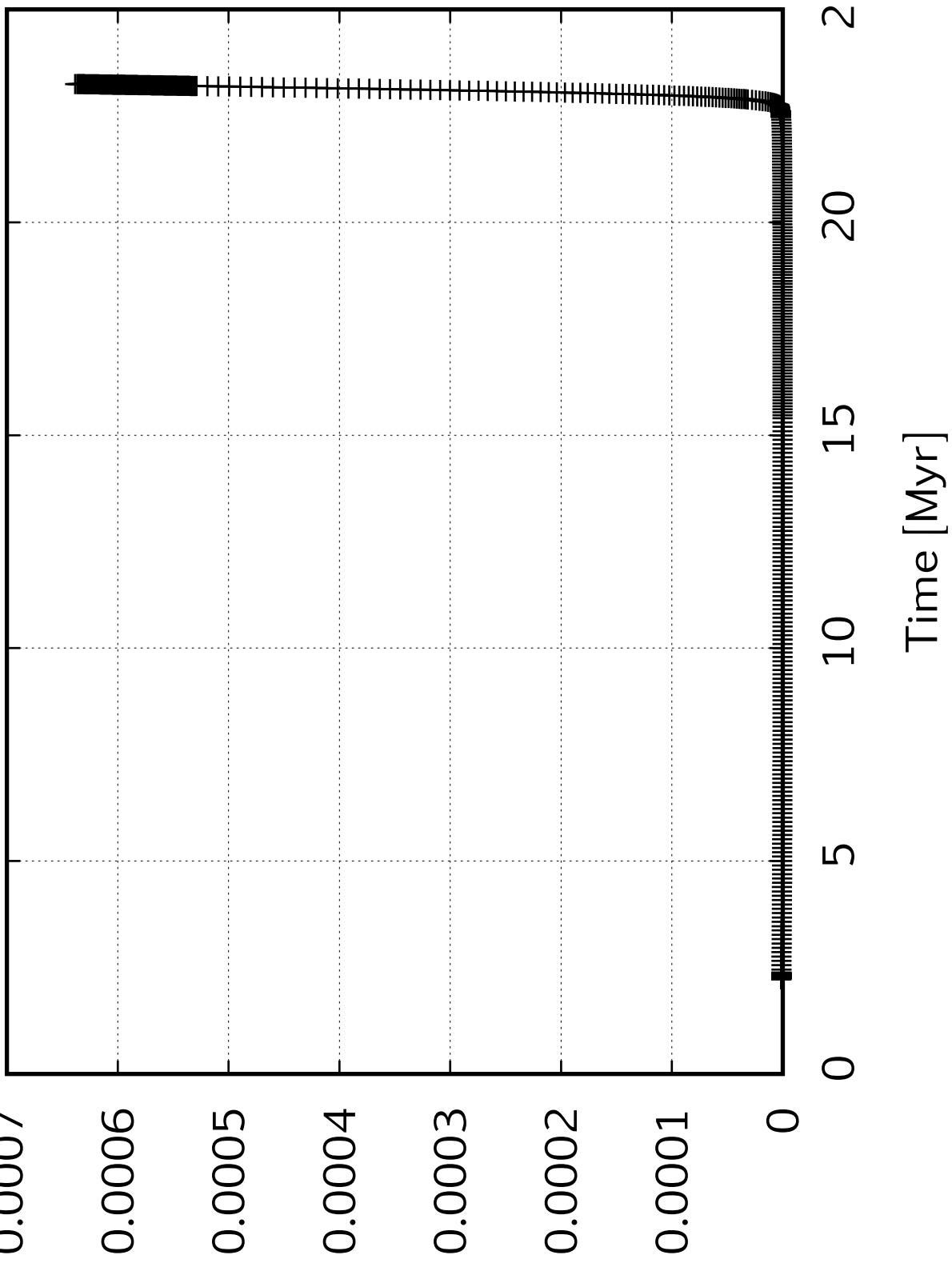


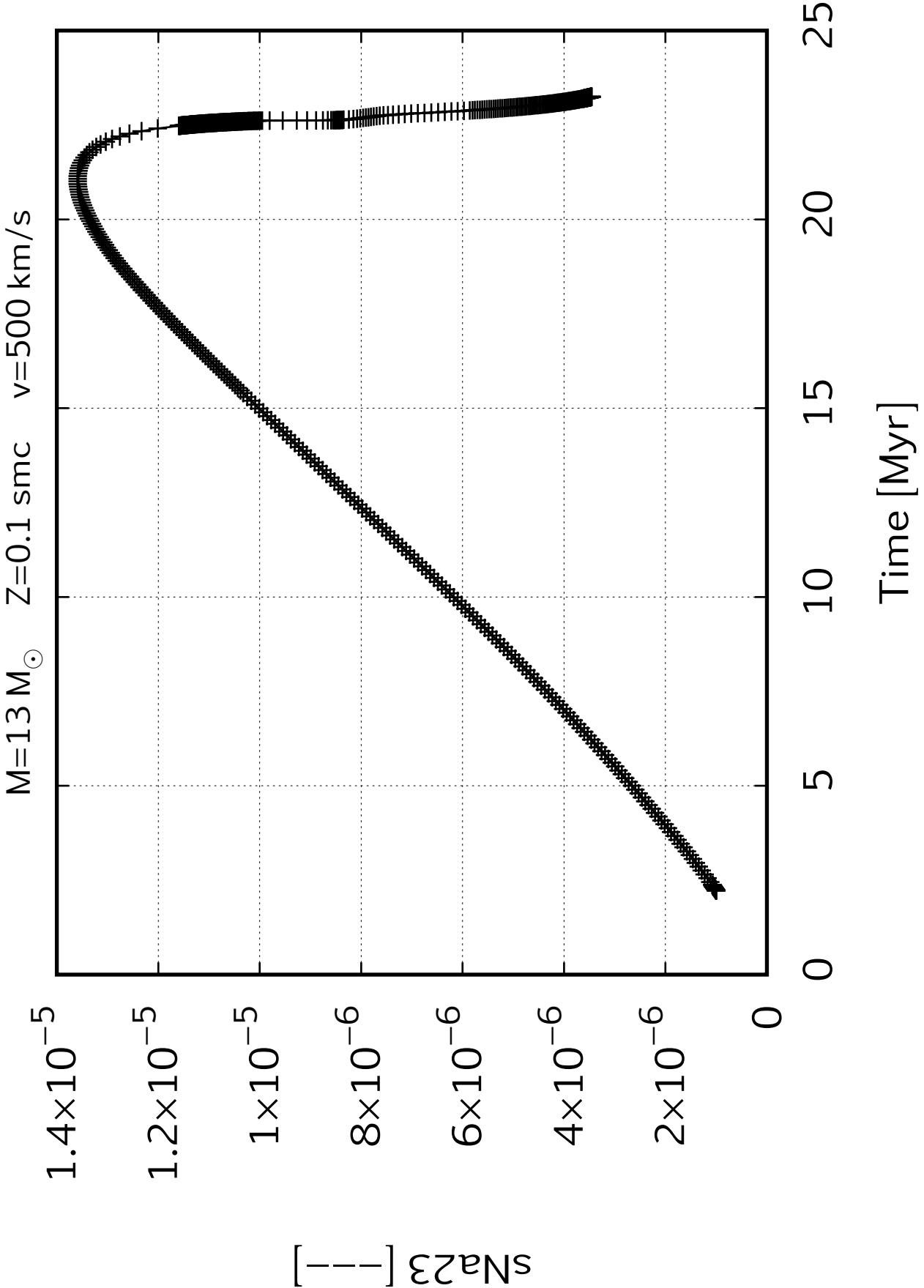




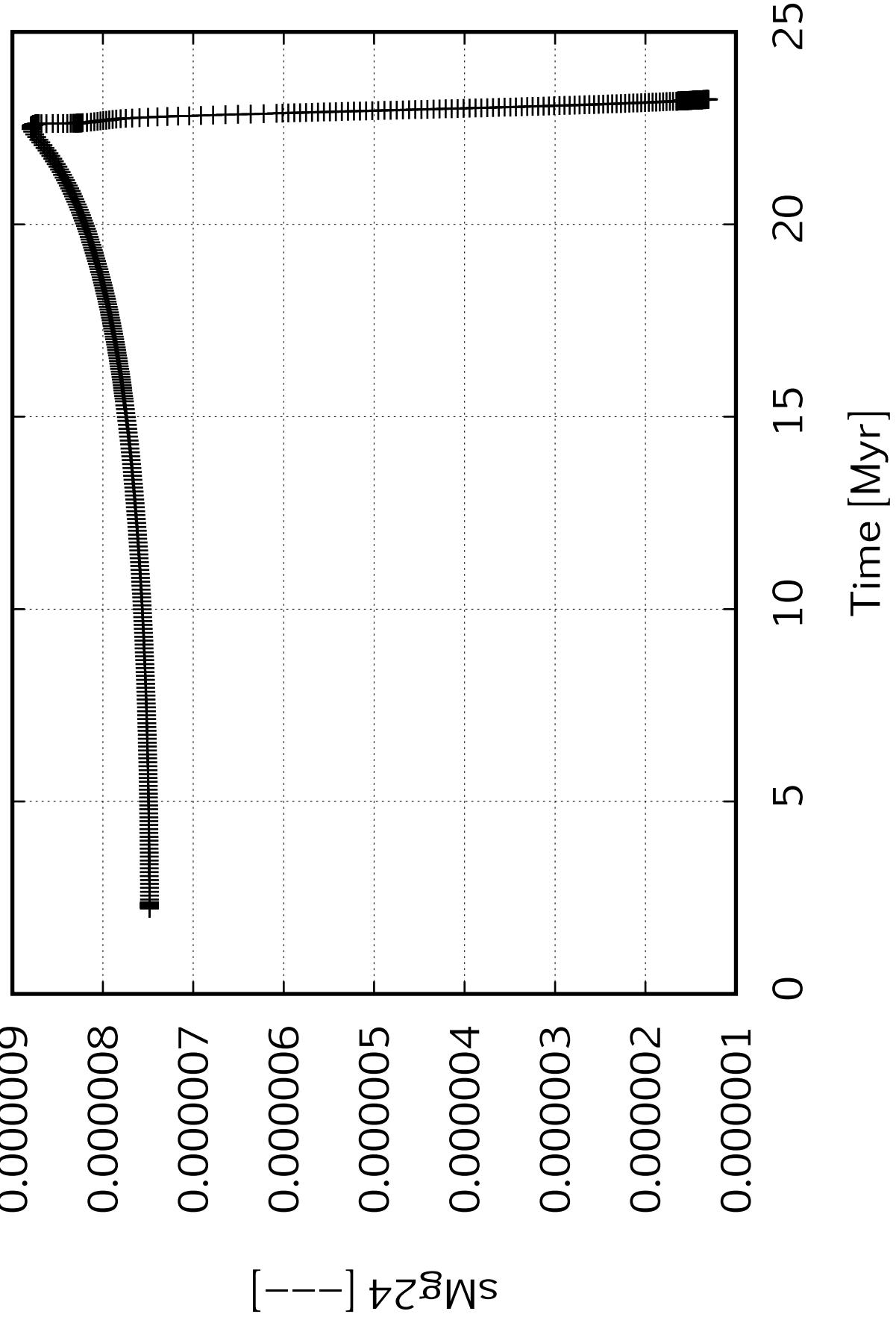
$M=13 M_{\odot}$
 $Z=0.1$ smc
 $v=500$ km/s

sNe22 [---]



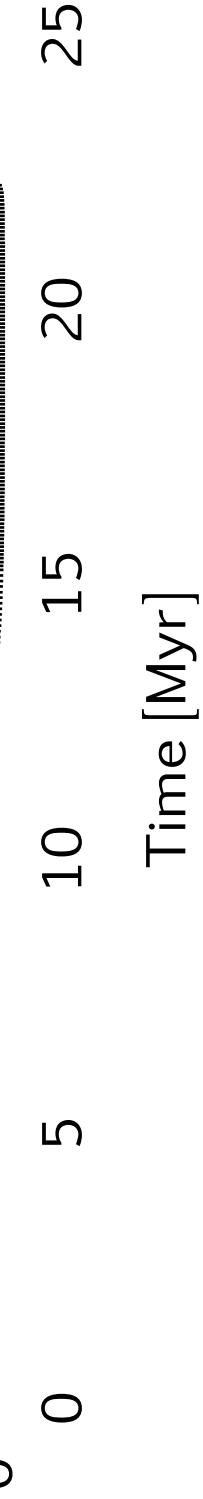


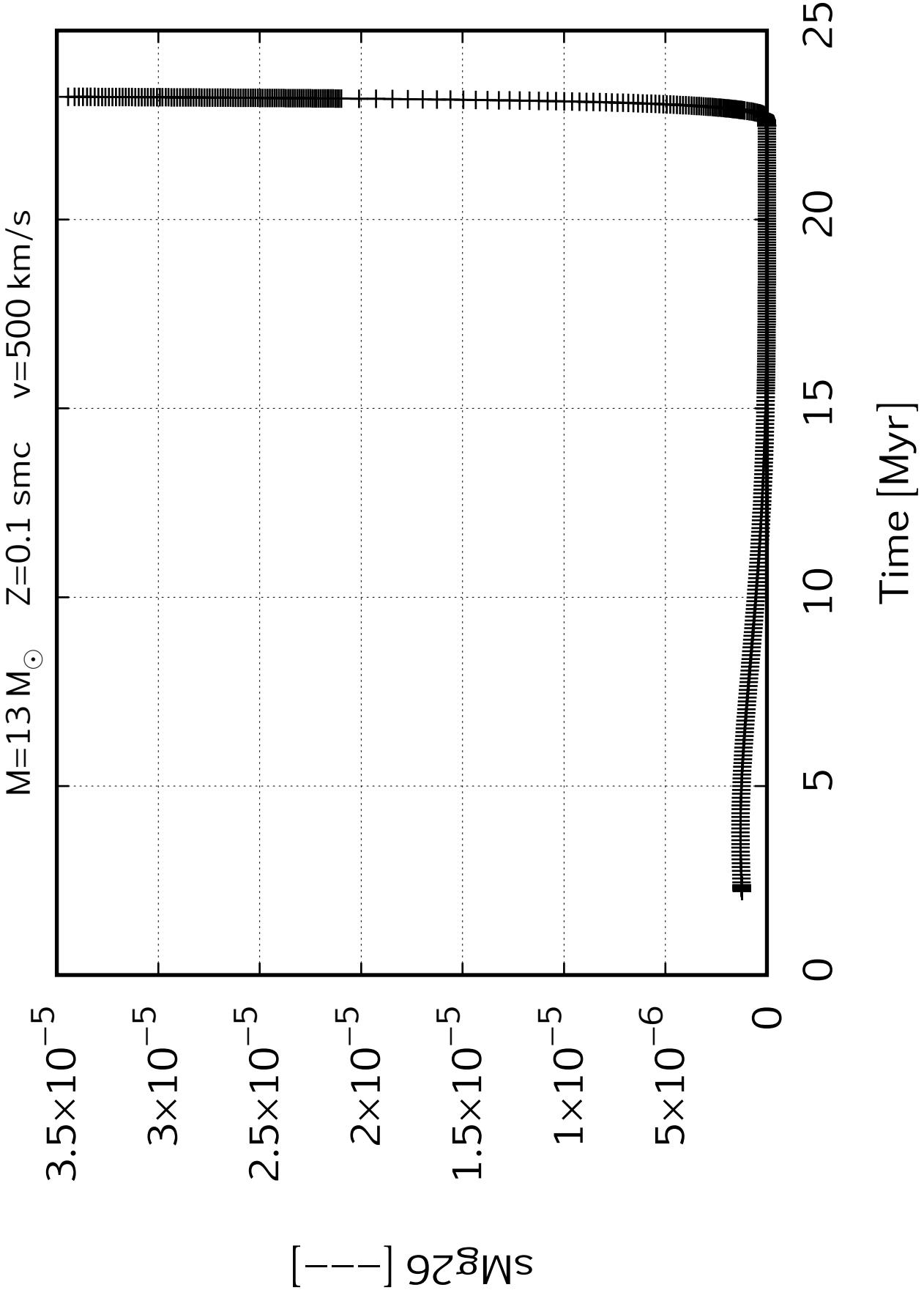
$M=13 M_{\odot}$ $Z=0.1$ smc $v=500$ km/s



$M=13 M_{\odot}$ Z=0.1 smc

$\Sigma_{\text{gas}}^{25} [M_{\odot} \text{ pc}^{-2}]$





$M=13 M_{\odot}$ Z=0.1 smc

6×10^{-7}

5×10^{-7}

4×10^{-7}

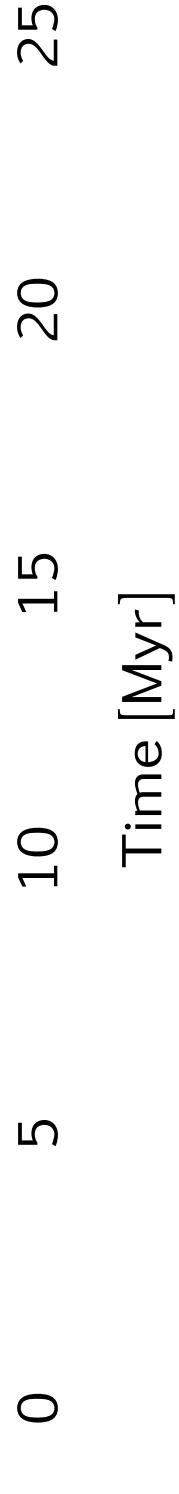
3×10^{-7}

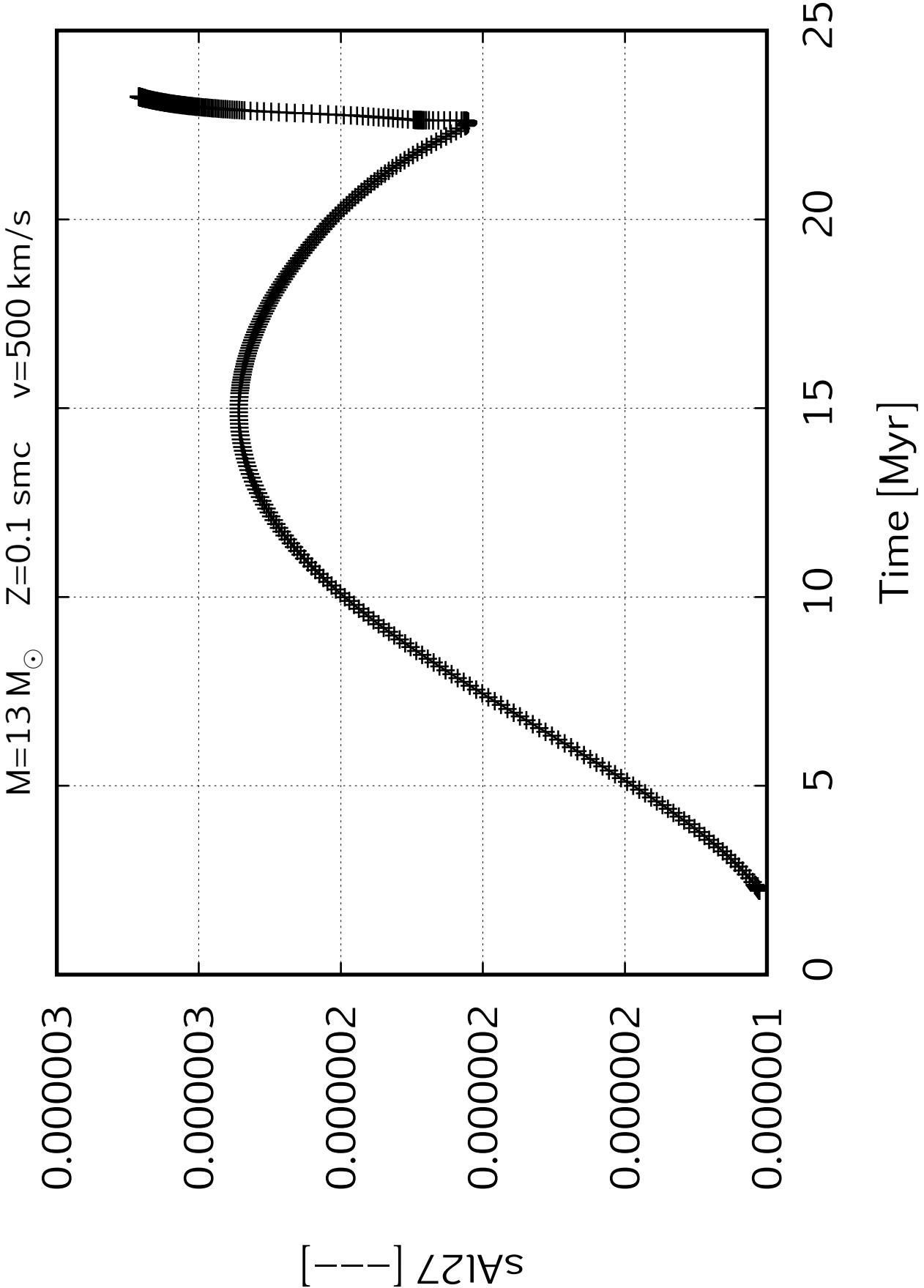
2×10^{-7}

1×10^{-7}

0

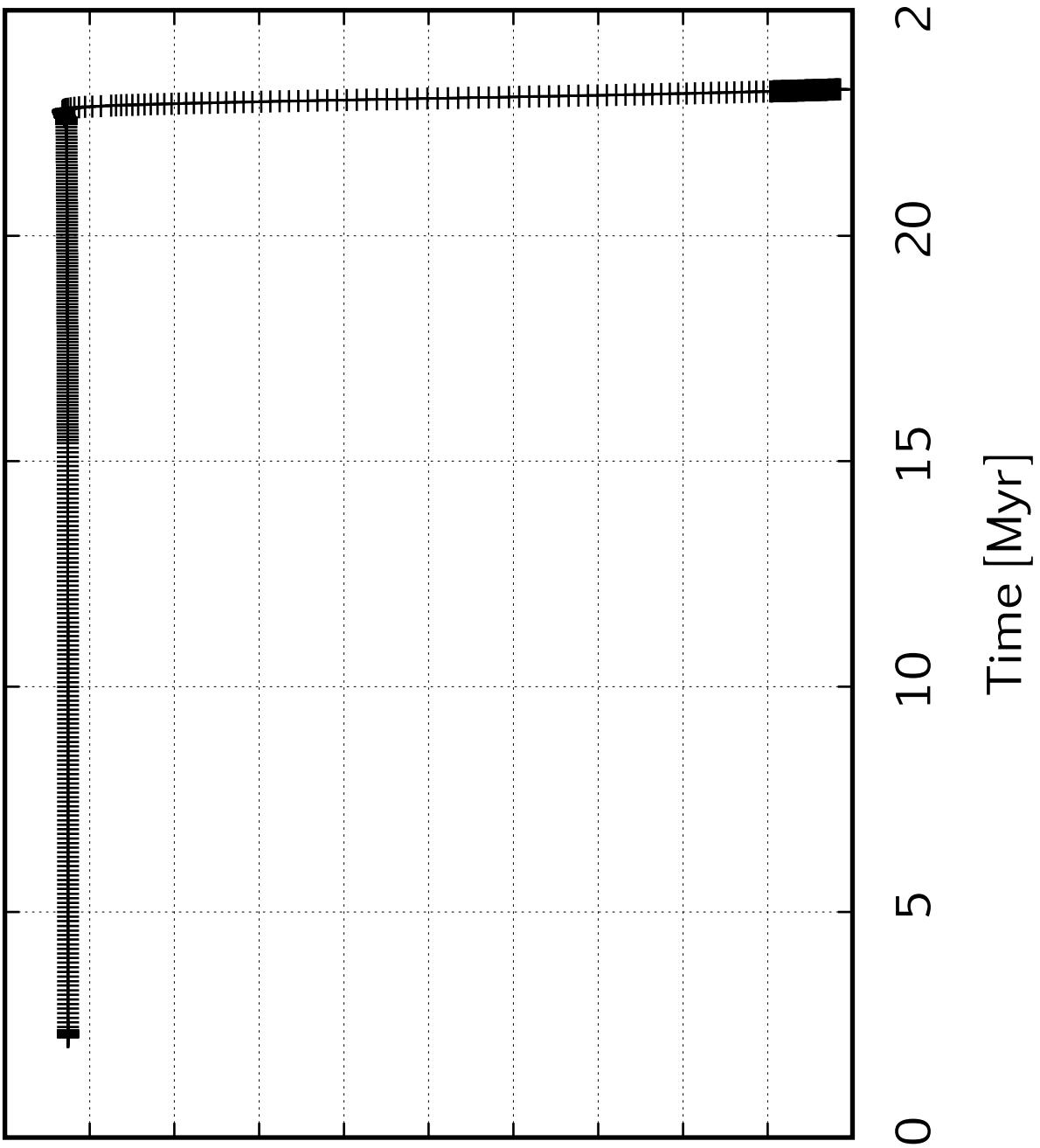
sAl26 [---]

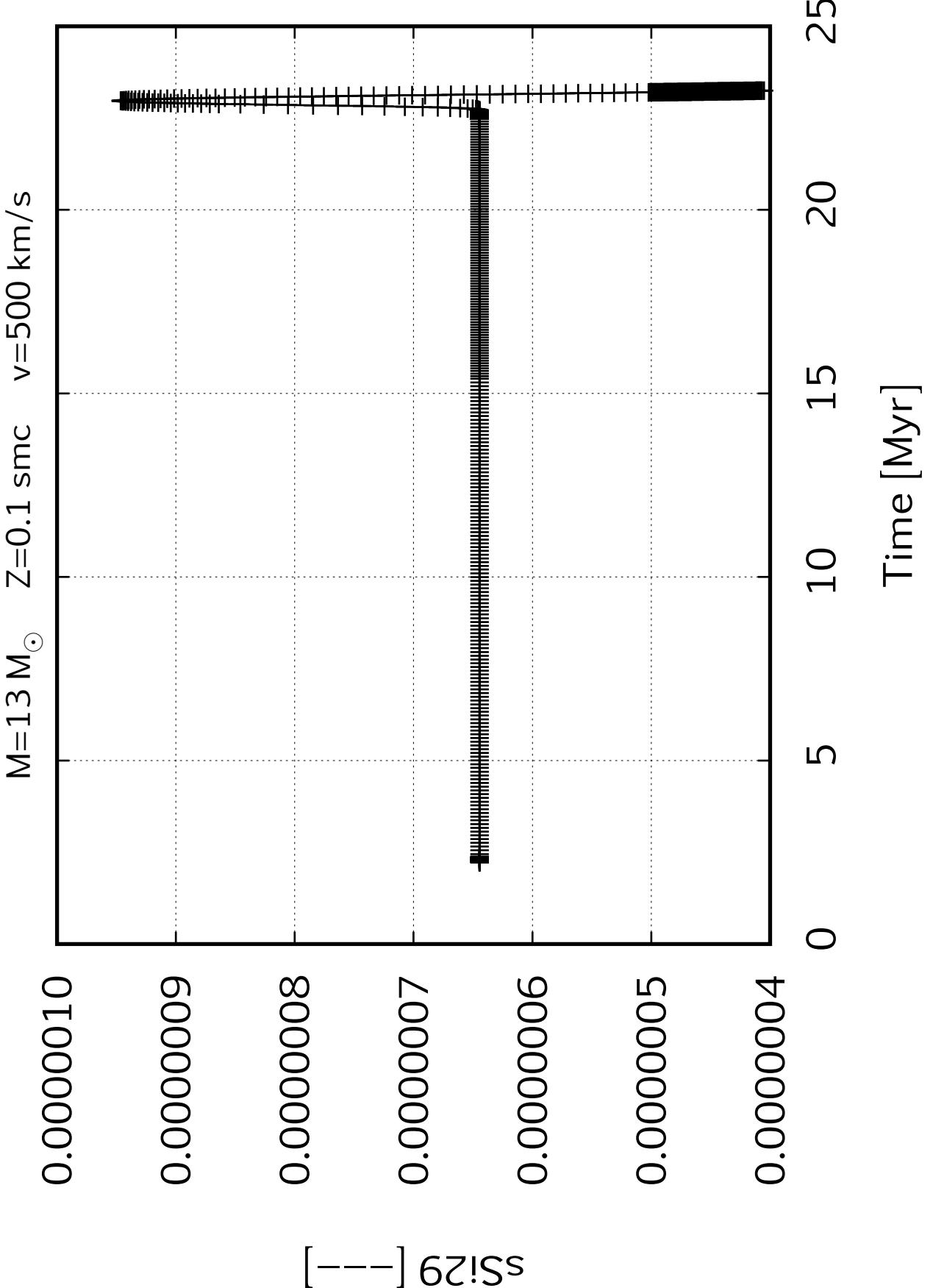


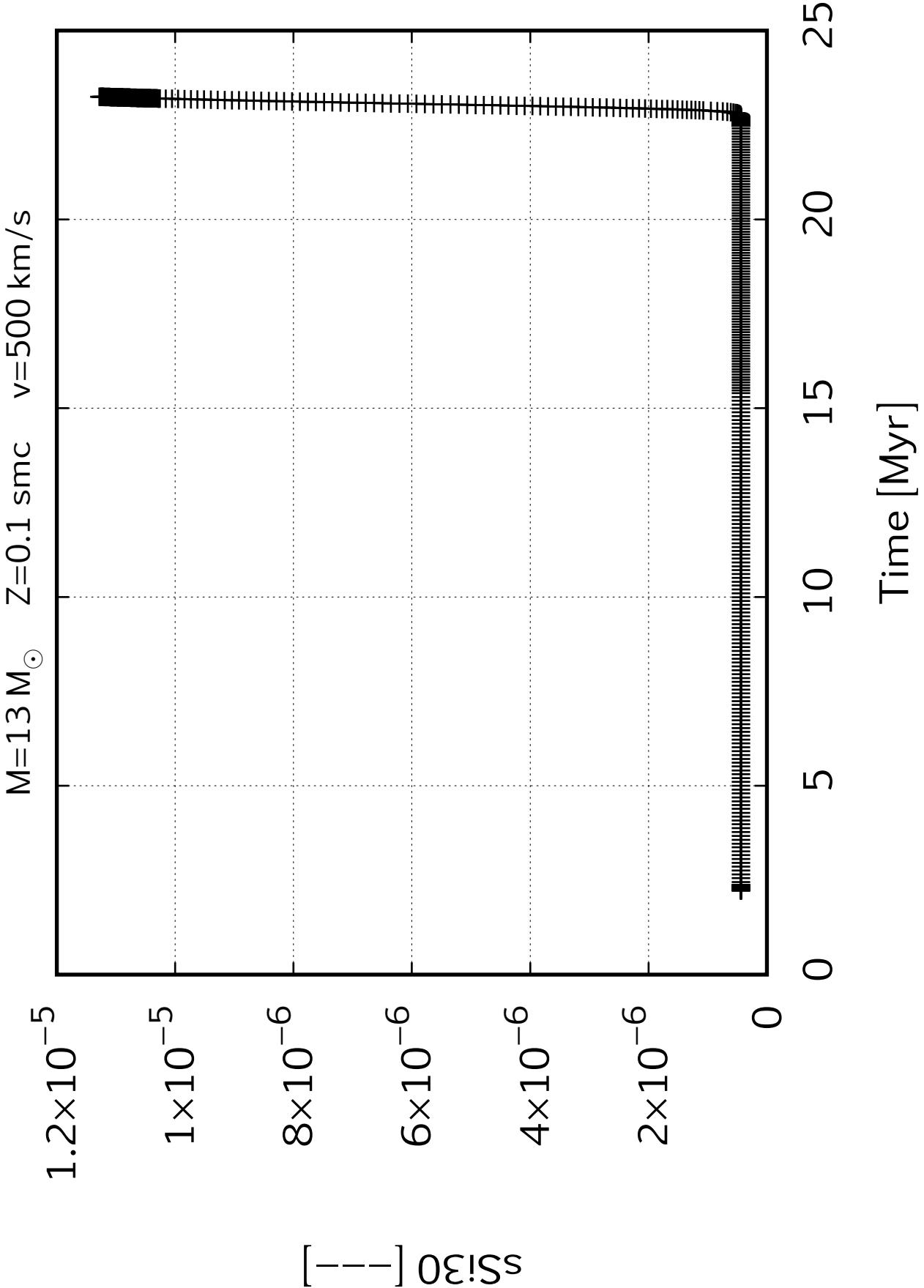


0.0000013
0.0000012
0.0000011
0.0000010
0.0000009
0.0000008
0.0000007
0.0000006
0.0000005
0.0000004
0.0000003

$M=13 M_{\odot}$ Z=0.1 smc $v=500 \text{ km/s}$







$M=13 M_{\odot}$ Z=0.1 smc $v=500$ km/s

0.00000257

0.00000256

0.00000255

0.00000254

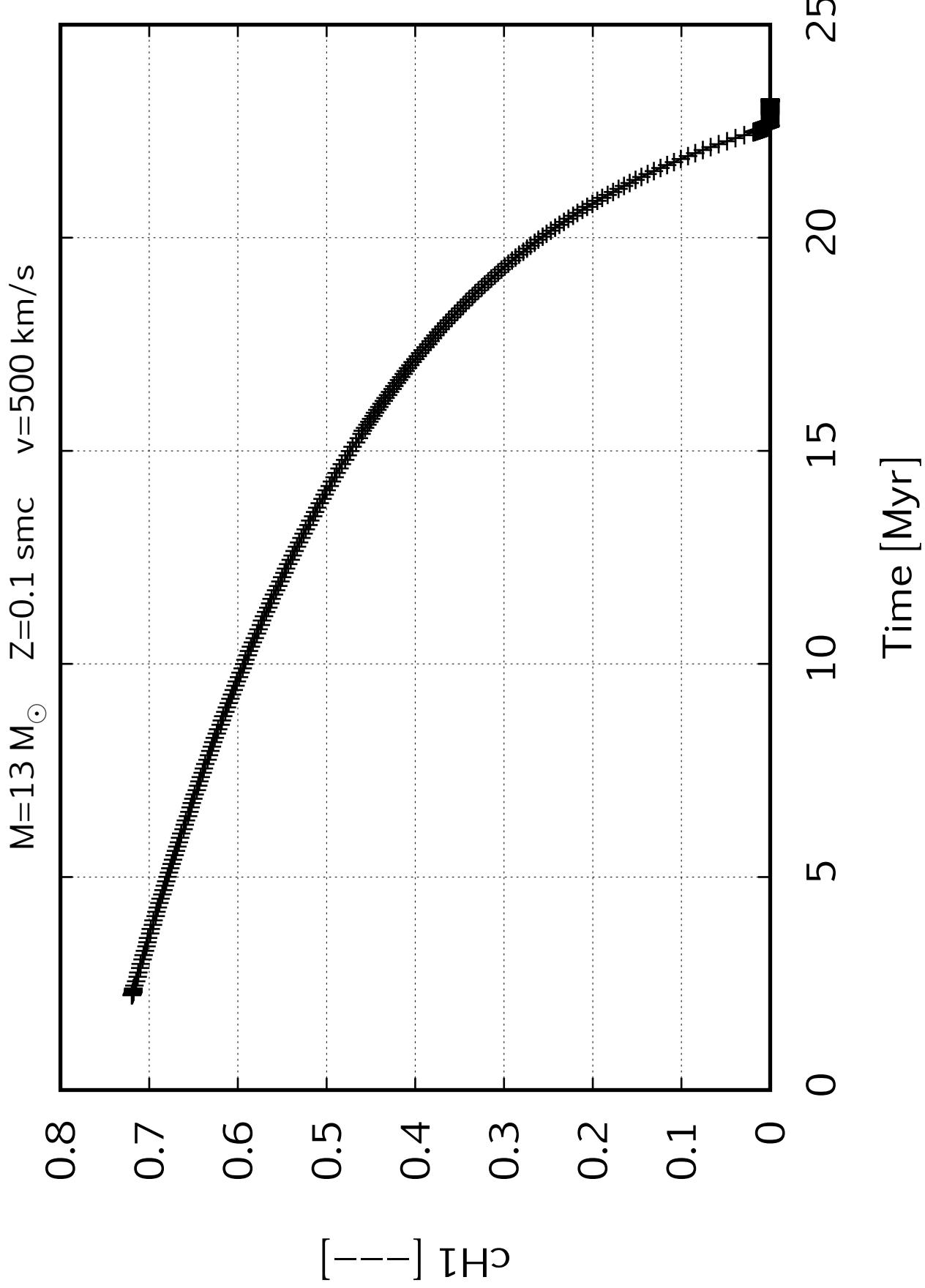
0.00000253

0.00000252

0.00000251

[---] Fe56 [---]





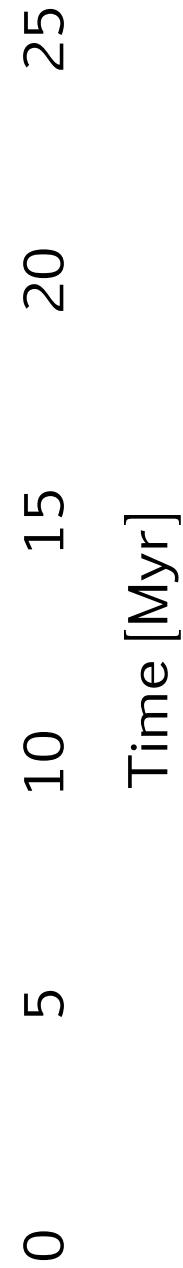
3.64×10^{-13}
 3.63×10^{-13}
 3.62×10^{-13}
 3.61×10^{-13}
 3.6×10^{-13}
 3.59×10^{-13}
 3.58×10^{-13}
 3.57×10^{-13}
 3.56×10^{-13}

$M=13 M_{\odot}$

$Z=0.1$ smc

$v=500$ km/s

CH_2 [—]



$M=13 M_{\odot}$ Z=0.1 smc v=500 km/s

7x10⁻⁷

6x10⁻⁷

5x10⁻⁷

4x10⁻⁷

3x10⁻⁷

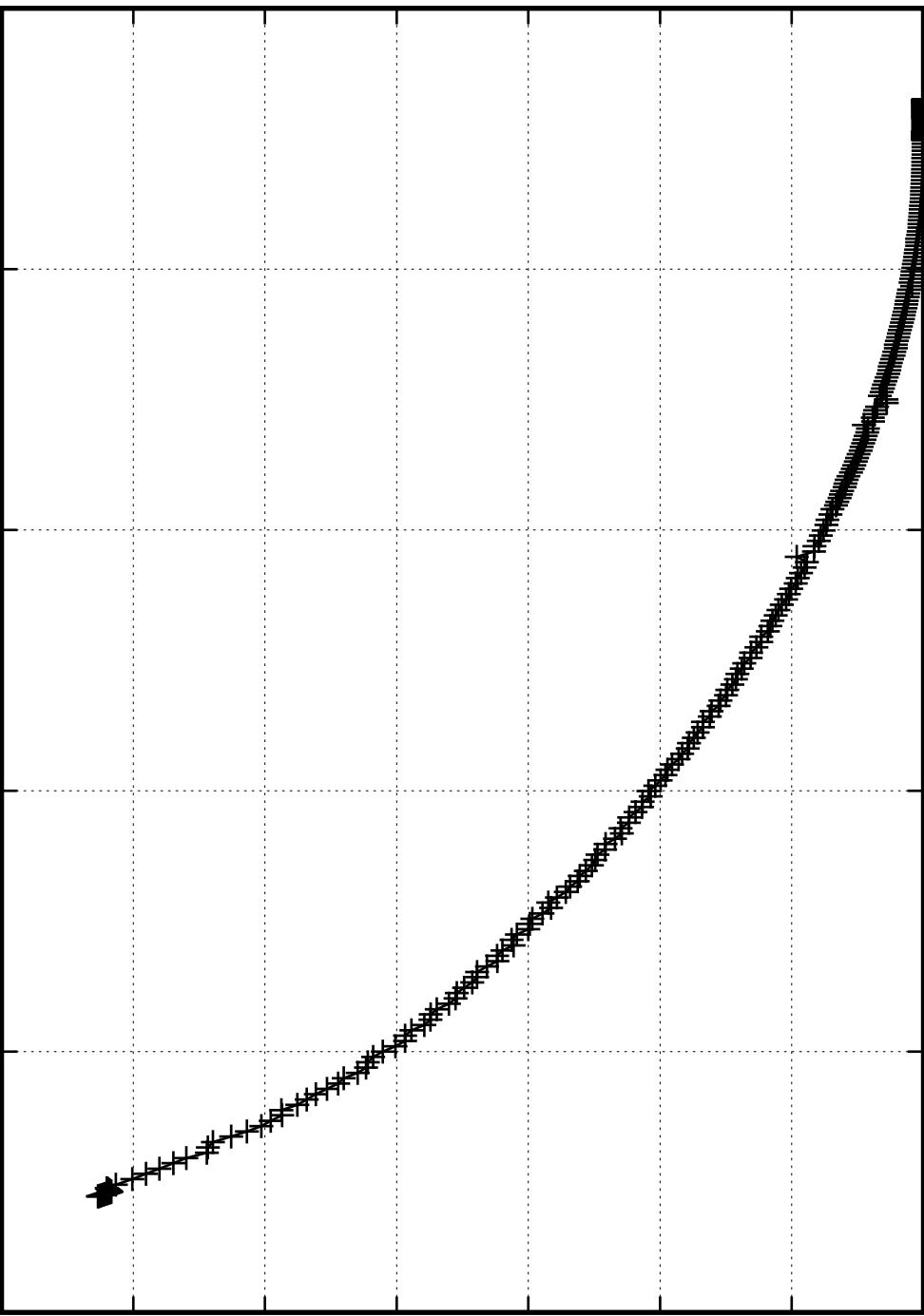
2x10⁻⁷

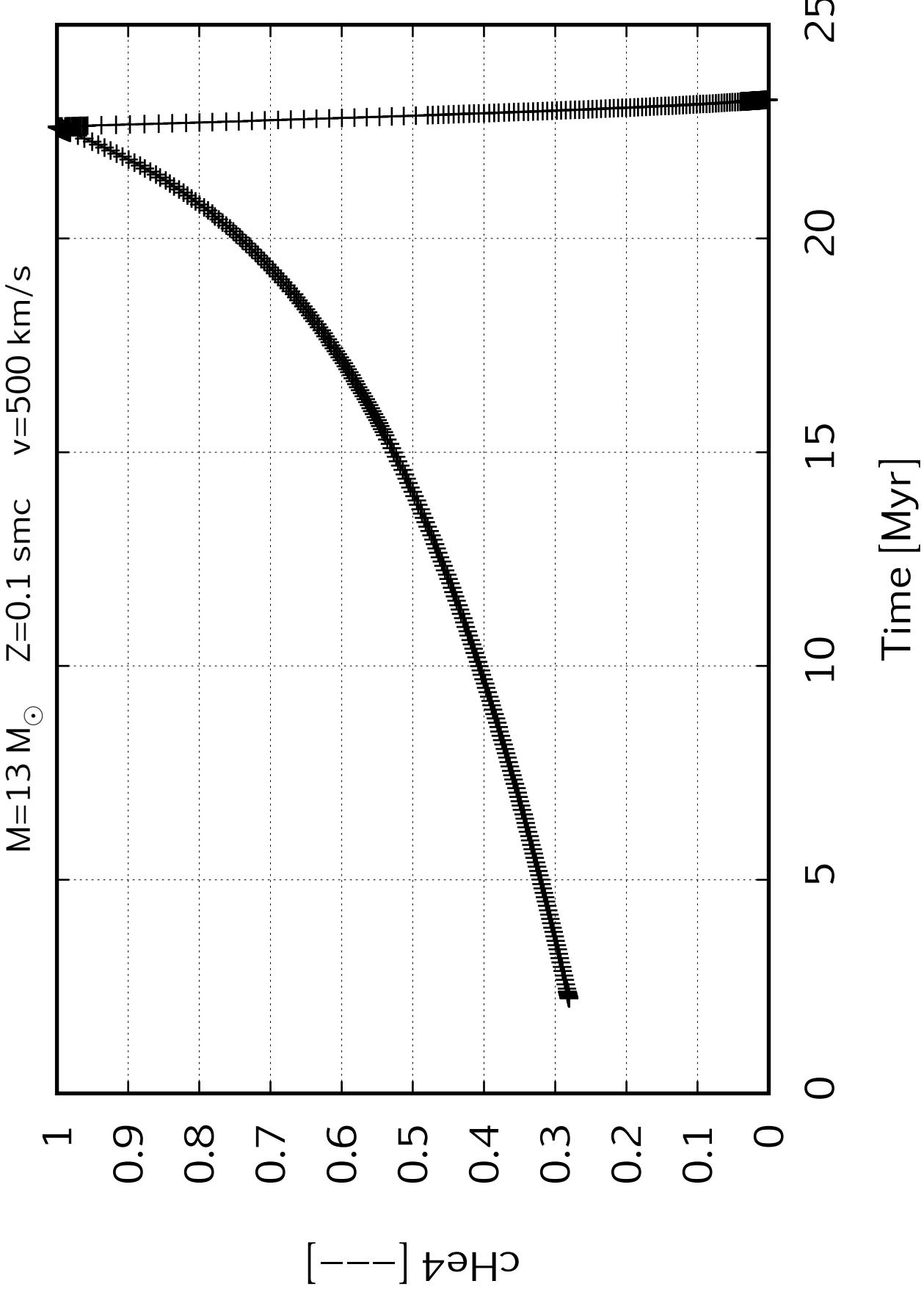
1x10⁻⁷

0

[---] CHe3

0 5 10 15 20 25
Time [Myr]





M=13 M_{\odot} Z=0.1 smc v=500 km/s

6×10^{-26}

5×10^{-26}

4×10^{-26}

3×10^{-26}

2×10^{-26}

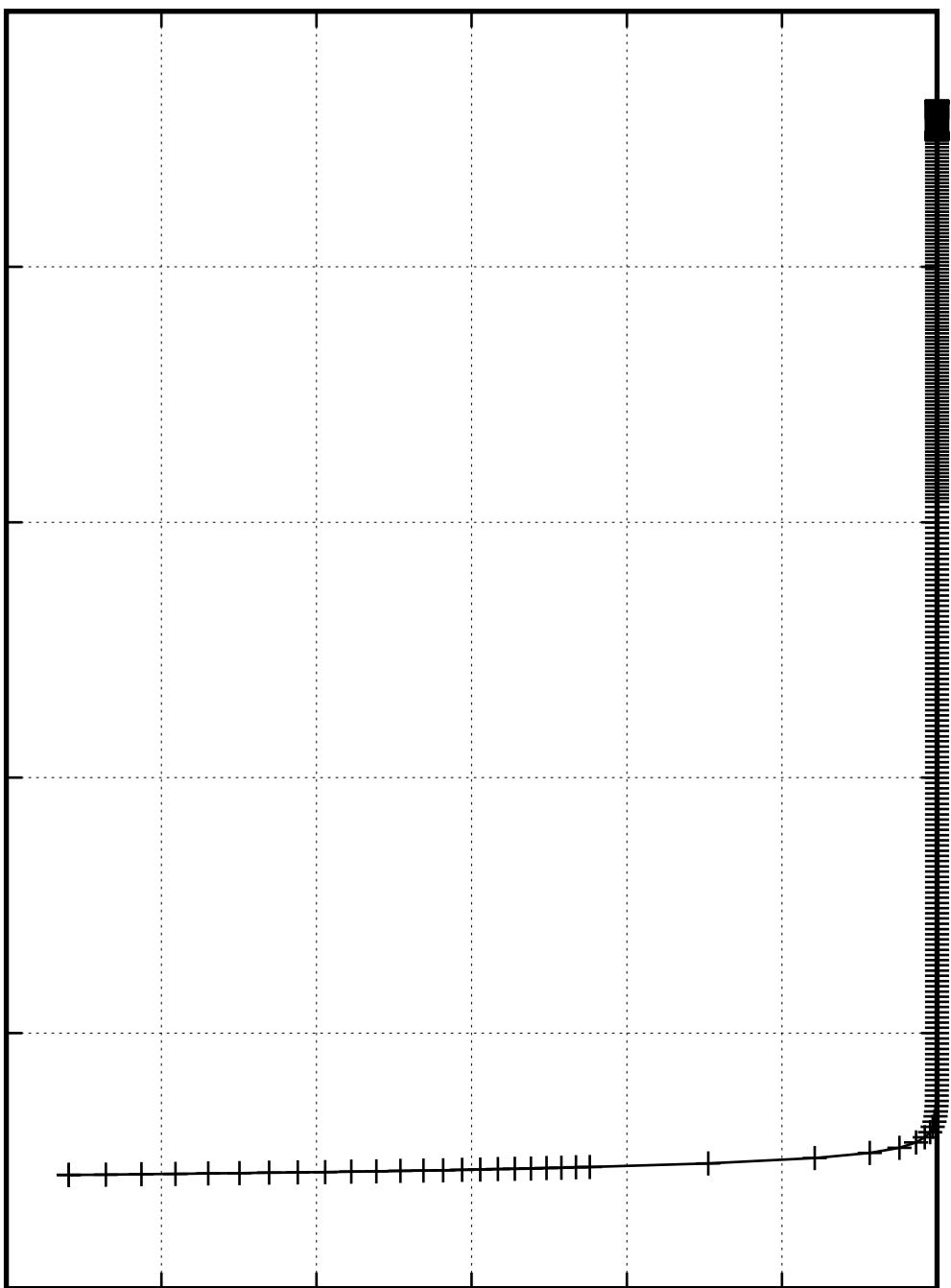
1×10^{-26}

0

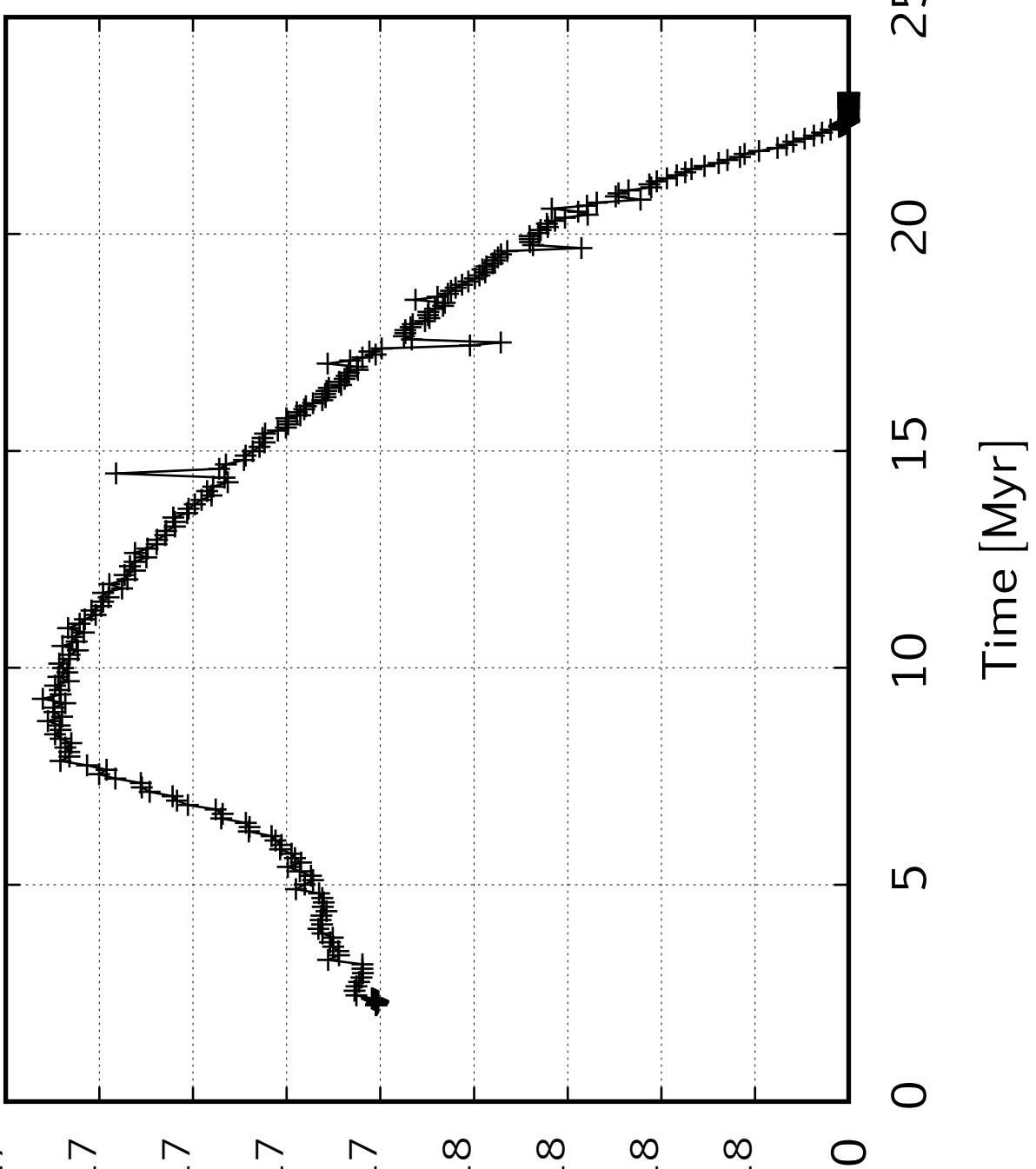
0 5 10 15 20 25

Time [Myr]

[---] Cl₆

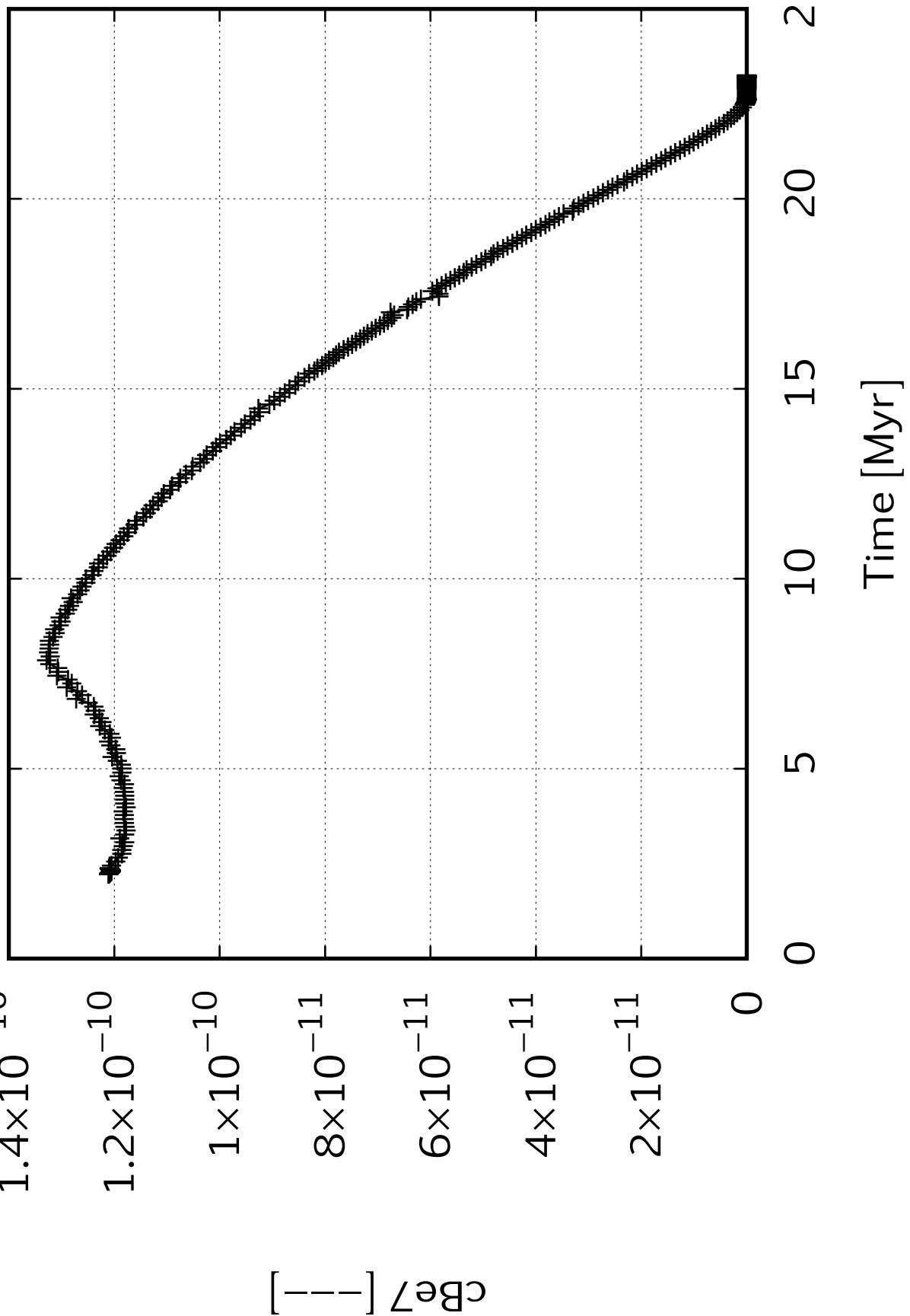


$M=13 M_{\odot}$ Z=0.1 smc $v=500$ km/s



[---] CL17

$M=13 M_{\odot}$ Z=0.1 smc $v=500$ km/s

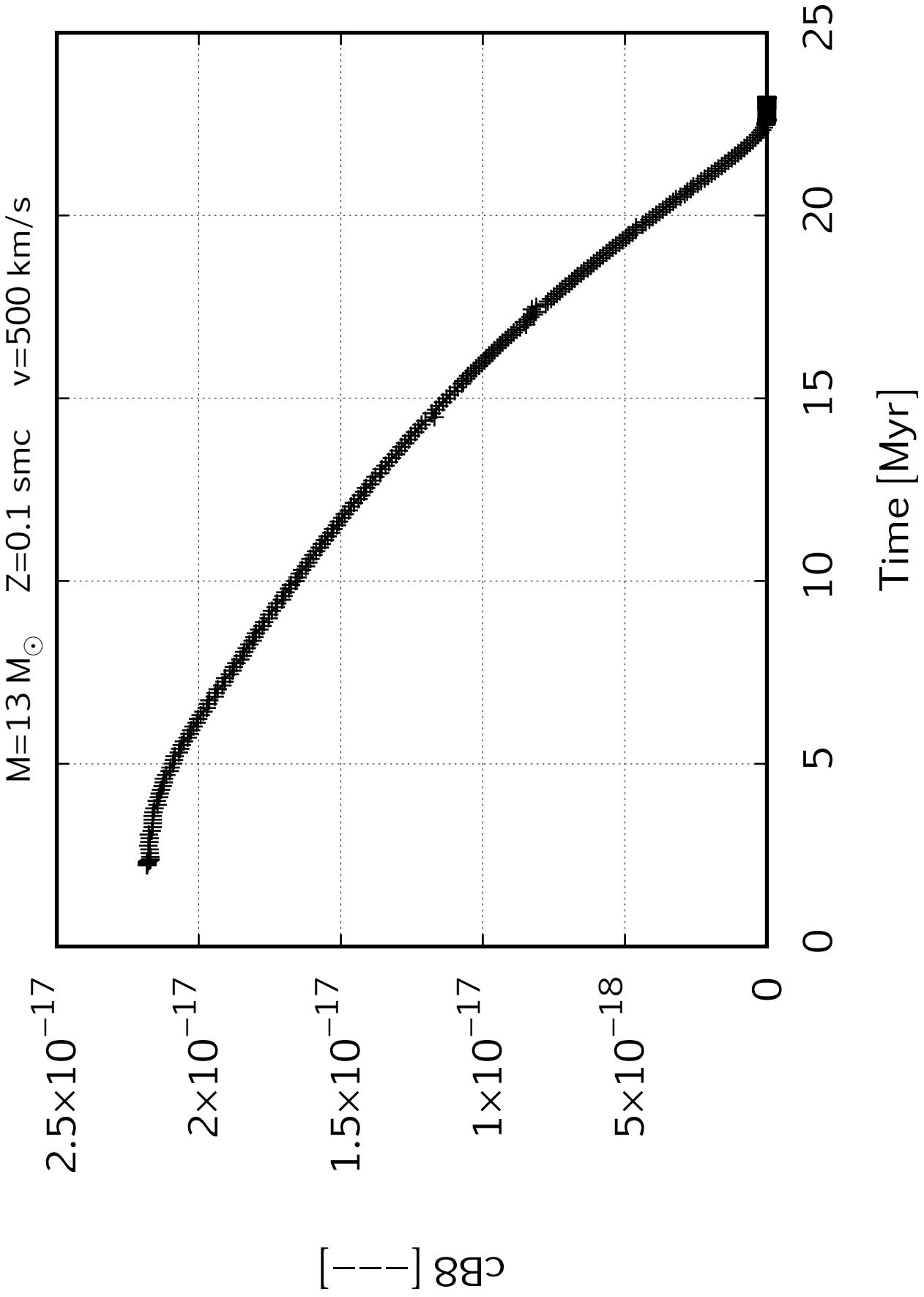


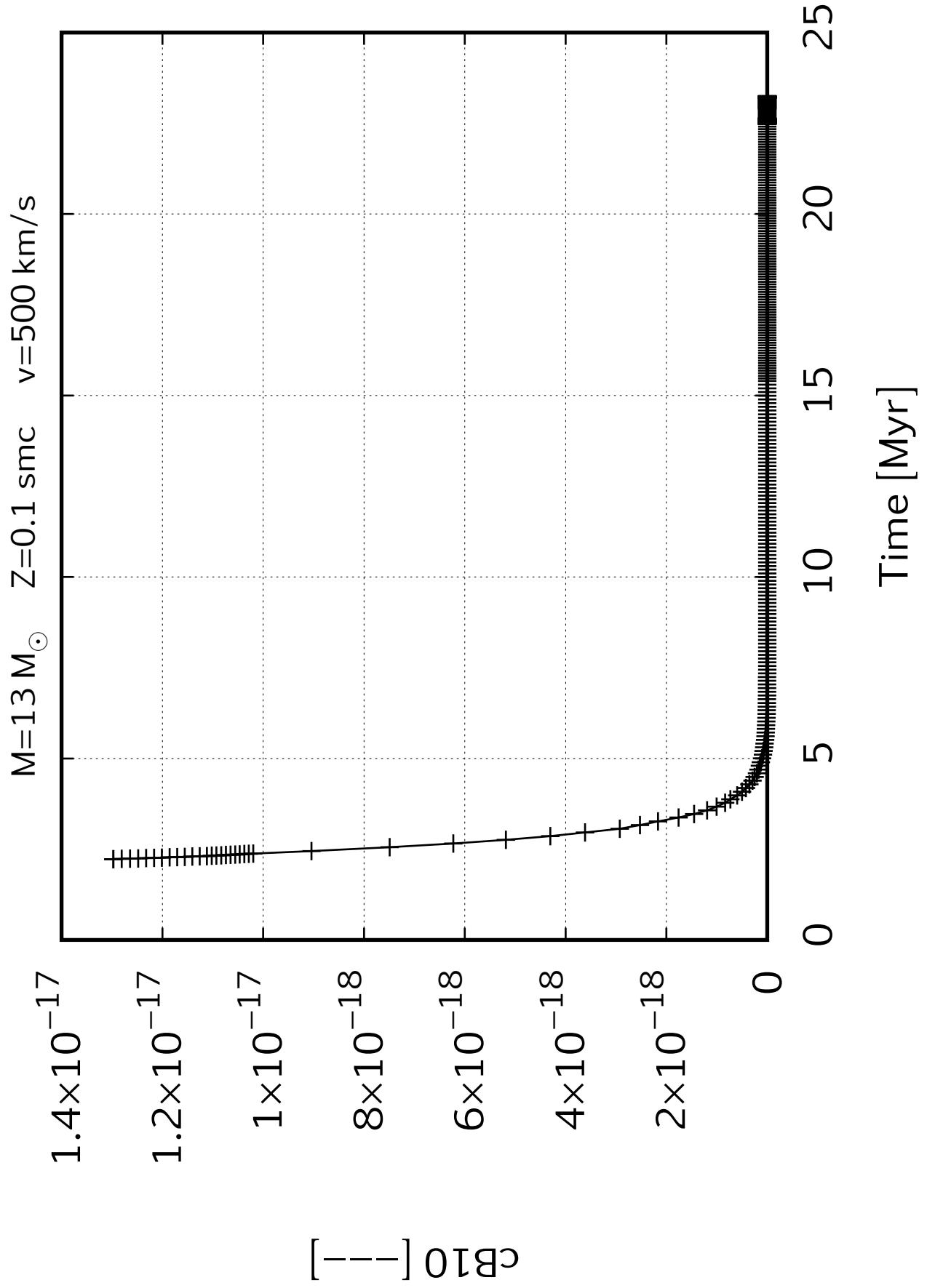
$M=13 M_{\odot}$ Z=0.1 smc $v=500 \text{ km/s}$

1×10^{-21}
 9×10^{-22}
 8×10^{-22}
 7×10^{-22}
 6×10^{-22}
 5×10^{-22}
 4×10^{-22}
 3×10^{-22}
 2×10^{-22}
 1×10^{-22}

$\text{C}^{6\beta}$







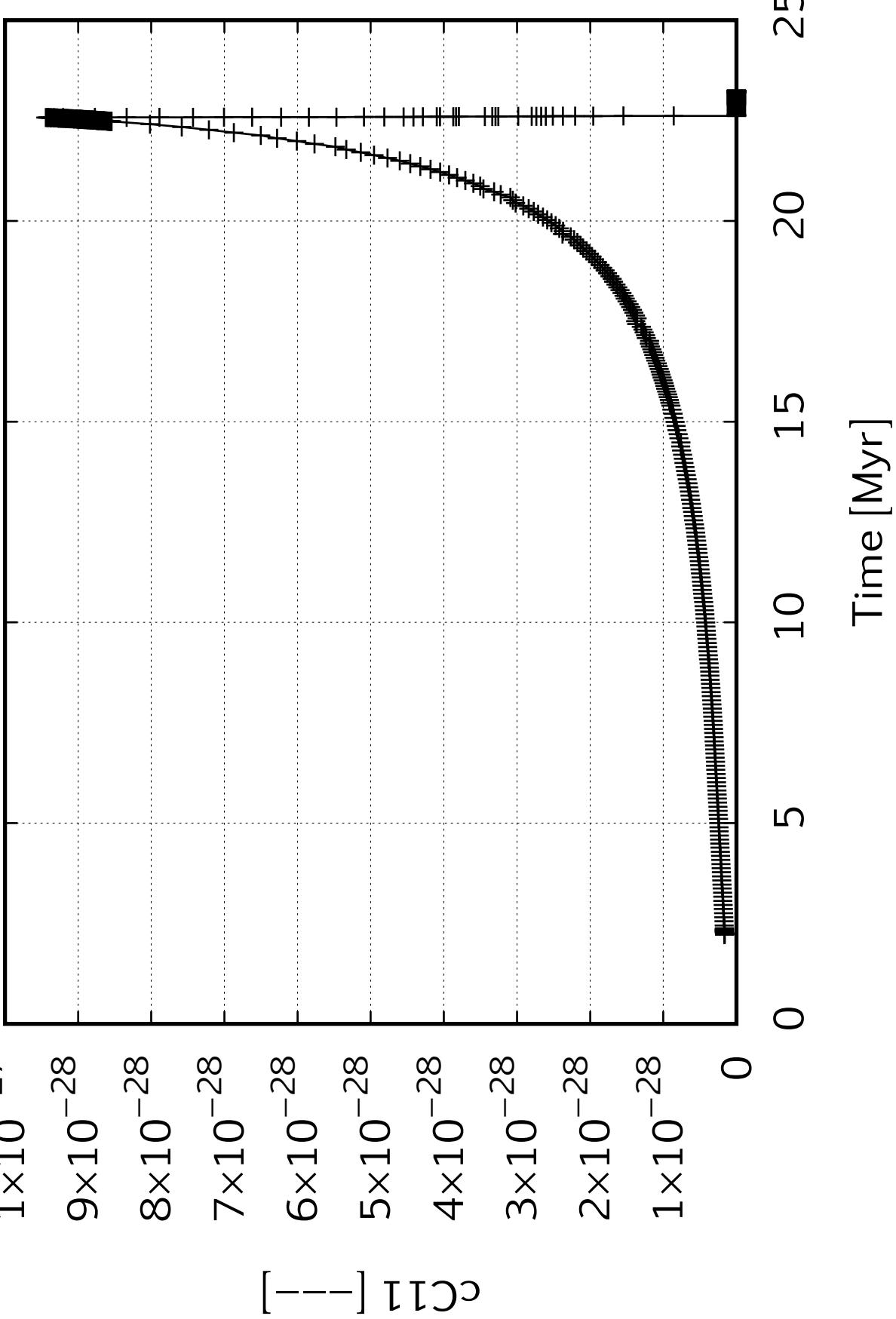
$M=13 M_{\odot}$ Z=0.1 smc $v=500 \text{ km/s}$

1×10^{-17}
 9×10^{-18}
 8×10^{-18}
 7×10^{-18}
 6×10^{-18}
 5×10^{-18}
 4×10^{-18}
 3×10^{-18}
 2×10^{-18}
 1×10^{-18}

CB₁₁



M=13 M_⊕ Z=0.1 smc v=500 km/s



$M=13 M_{\odot}$ $Z=0.1$ smc $v=500$ km/s

0.6

0.5

0.4

0.3

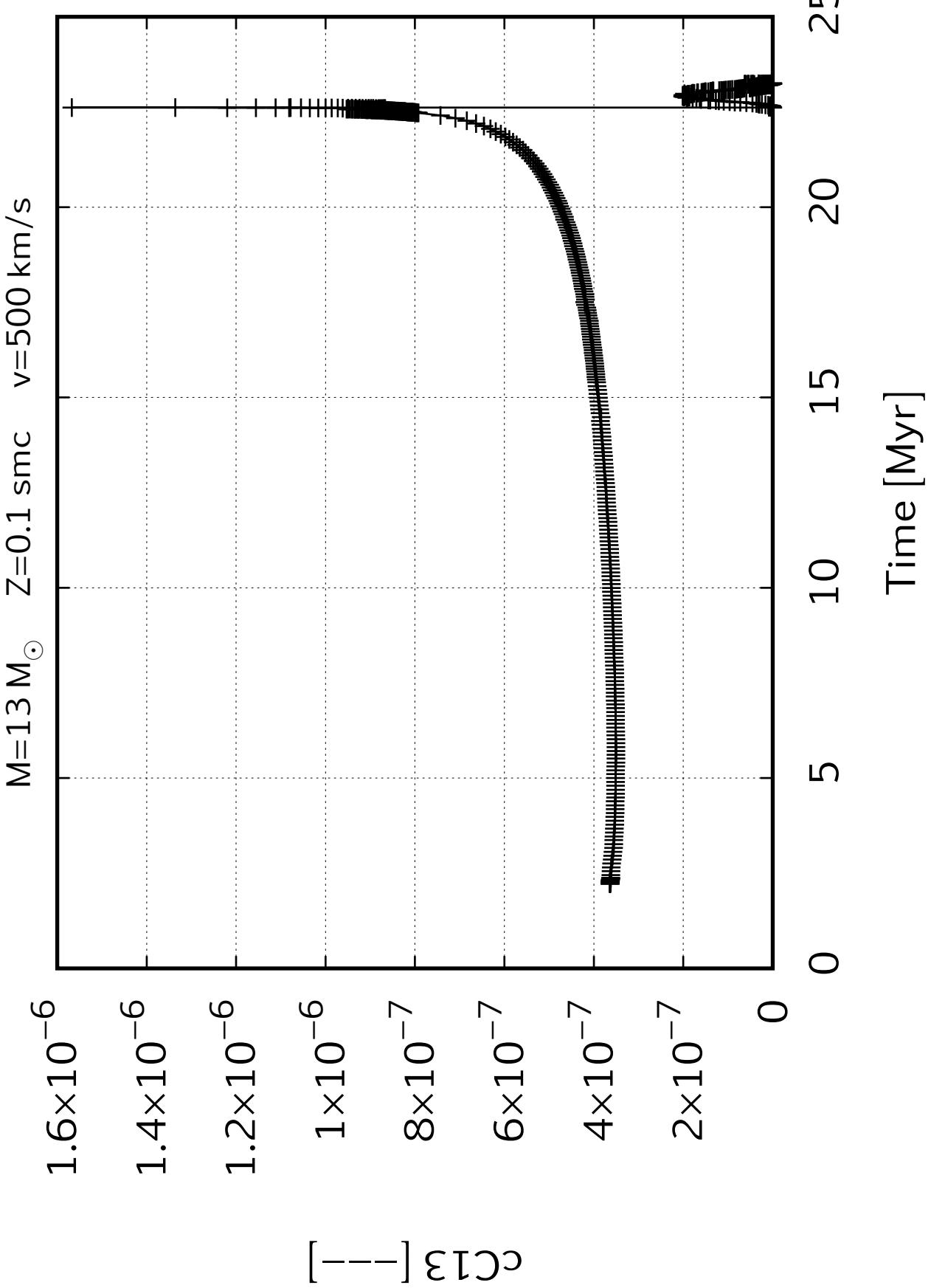
0.2

0.1

0

CC12 [---]





$M=13 M_{\odot}$ Z=0.1 smc $v=500$ km/s

1.415×10^{-99}

1.41×10^{-99}

1.405×10^{-99}

1.4×10^{-99}

1.395×10^{-99}

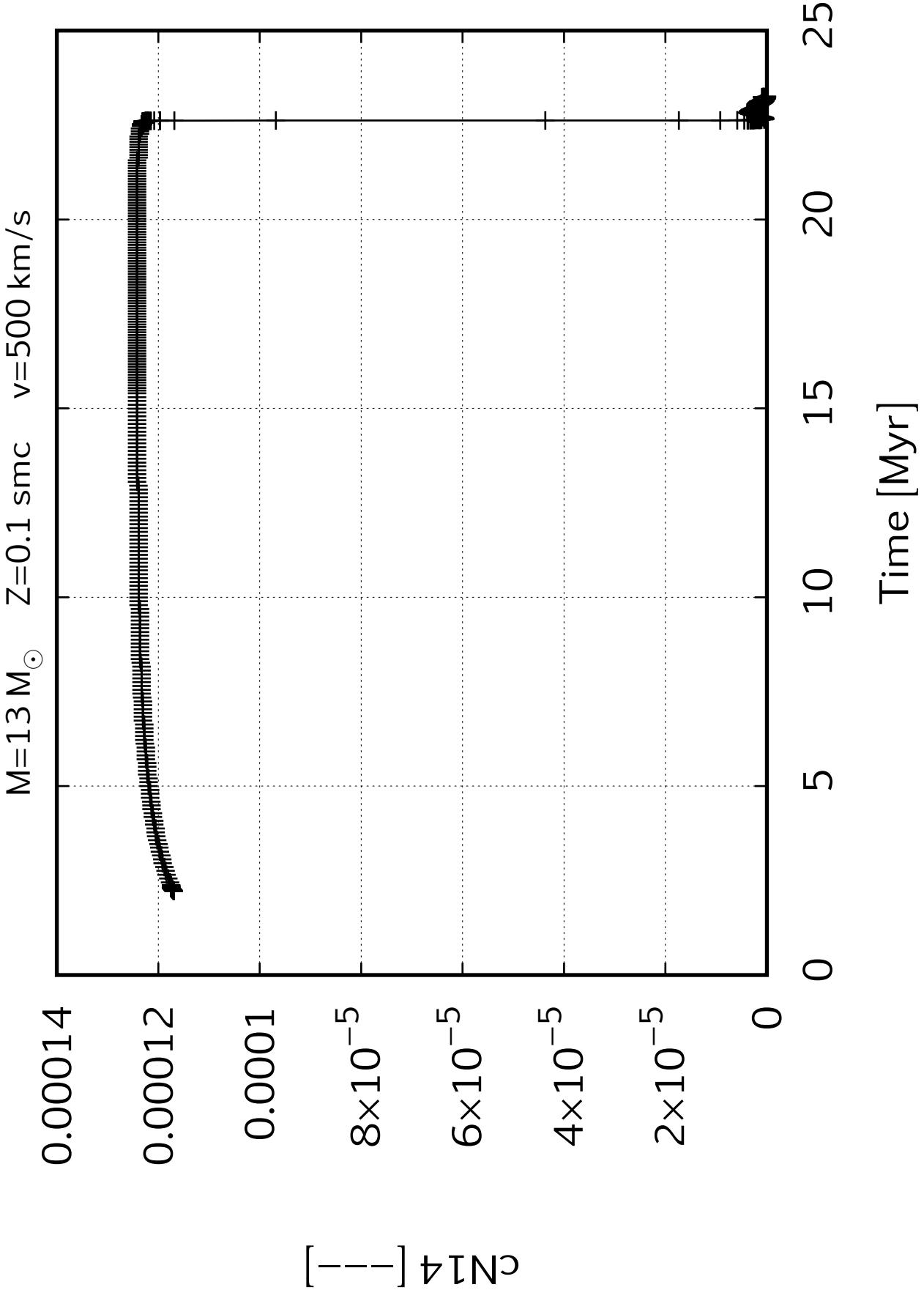
1.39×10^{-99}

1.385×10^{-99}

0 5 10 15 20 25

Time [Myr]

CN₁₂ [—]



$M=13 M_{\odot}$ Z=0.1 smc $v=500$ km/s

6×10^{-9}

5×10^{-9}

4×10^{-9}

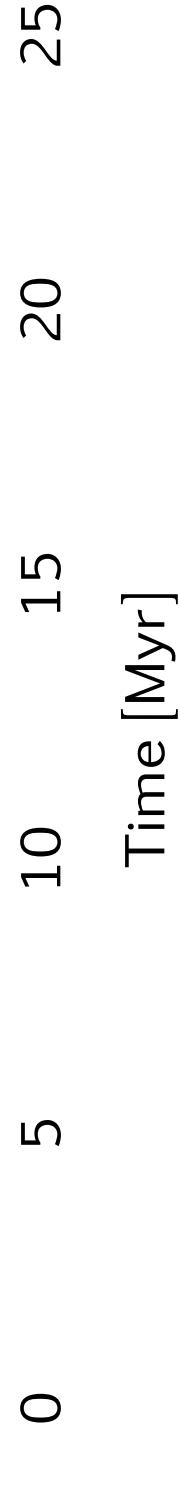
3×10^{-9}

2×10^{-9}

1×10^{-9}

0

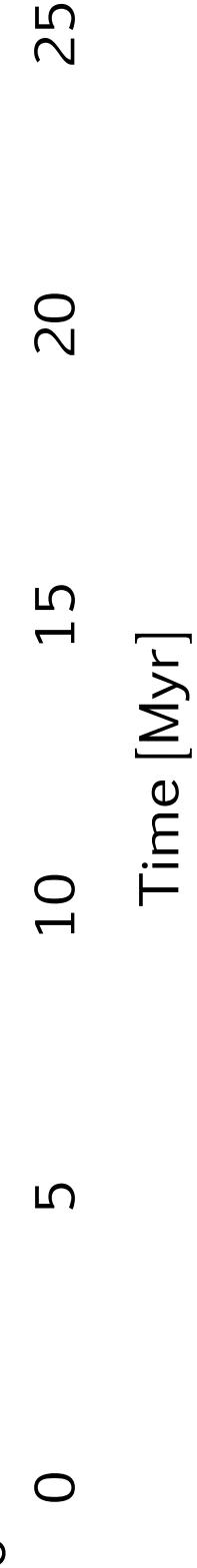
CN15 [—]



$M=13 M_{\odot}$ $Z=0.1$ smc $v=500$ km/s

0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0

CO16 [—]

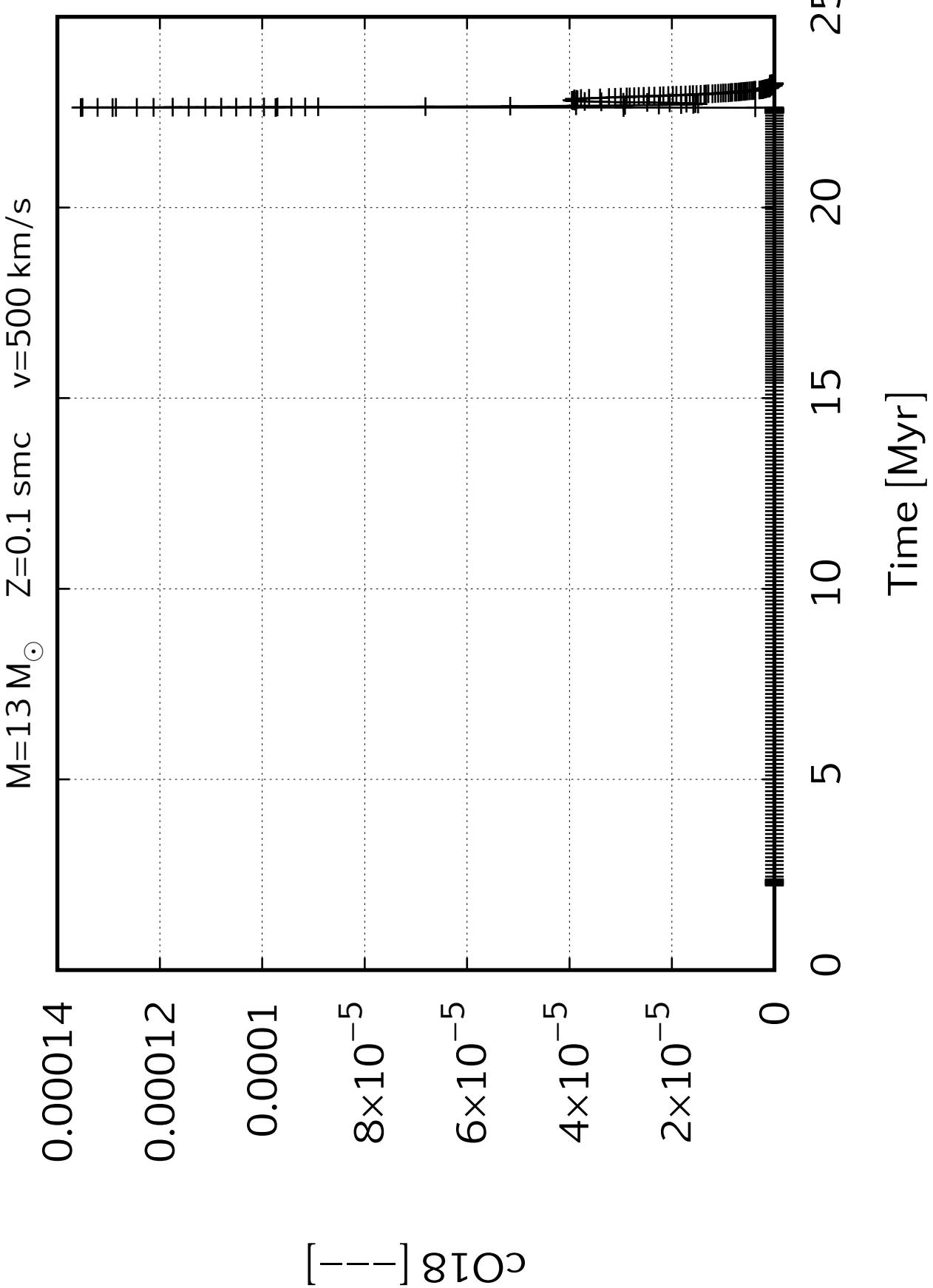


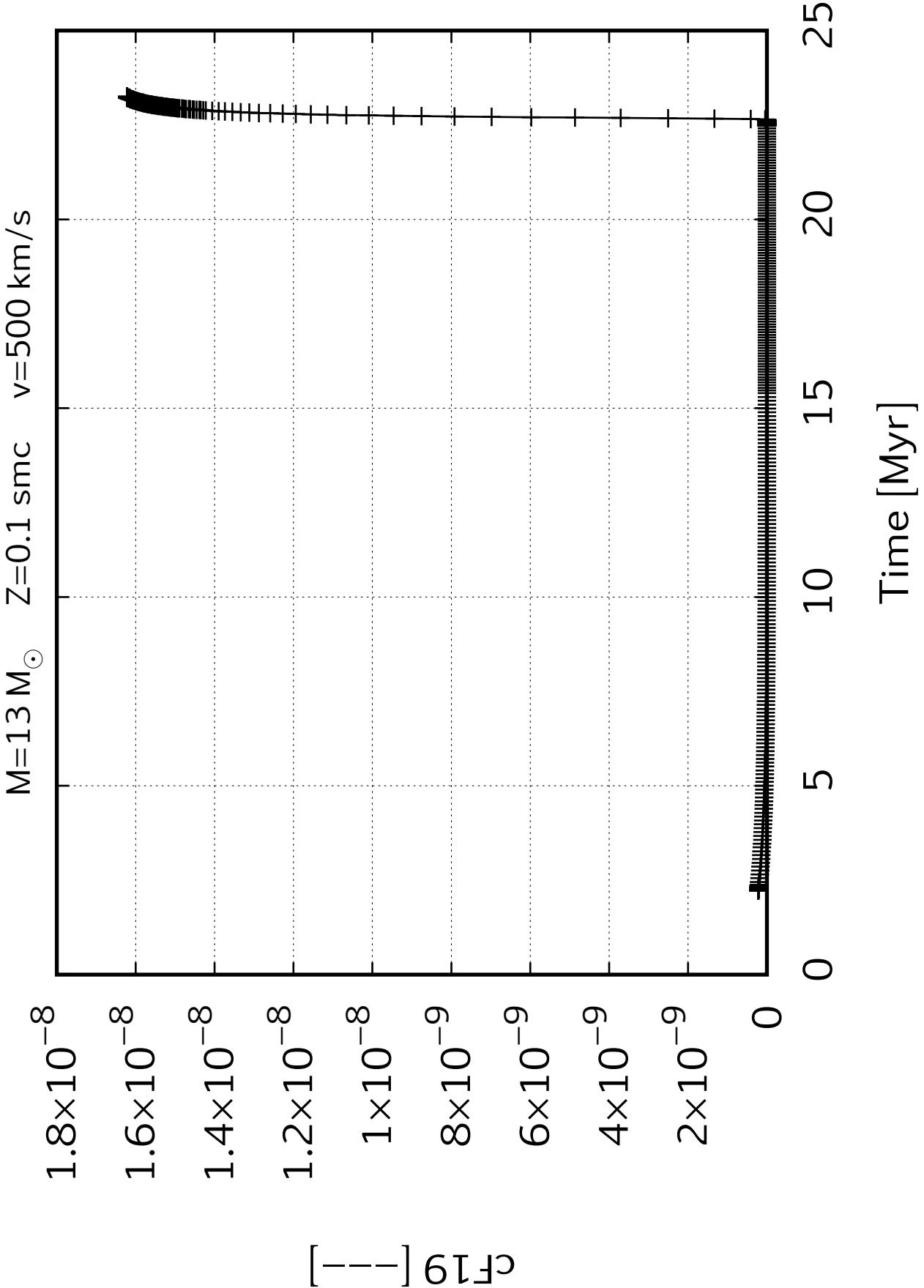
$M=13 M_{\odot}$ Z=0.1 smc $v=500$ km/s

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

[CO^{17}]







$M=13 M_{\odot}$ Z=0.1 smc

0.0012

0.01

0.008

0.006

0.004

0.002

0

CNe20 [---]

+

25
20
15
10
5
0

Time [Myr]

$M=13 M_{\odot}$

$v=500 \text{ km/s}$

$Z=0.1 \text{ smc}$

$\text{C}_{\text{e21}} [-]$

8×10^{-5}

7×10^{-5}

6×10^{-5}

5×10^{-5}

4×10^{-5}

3×10^{-5}

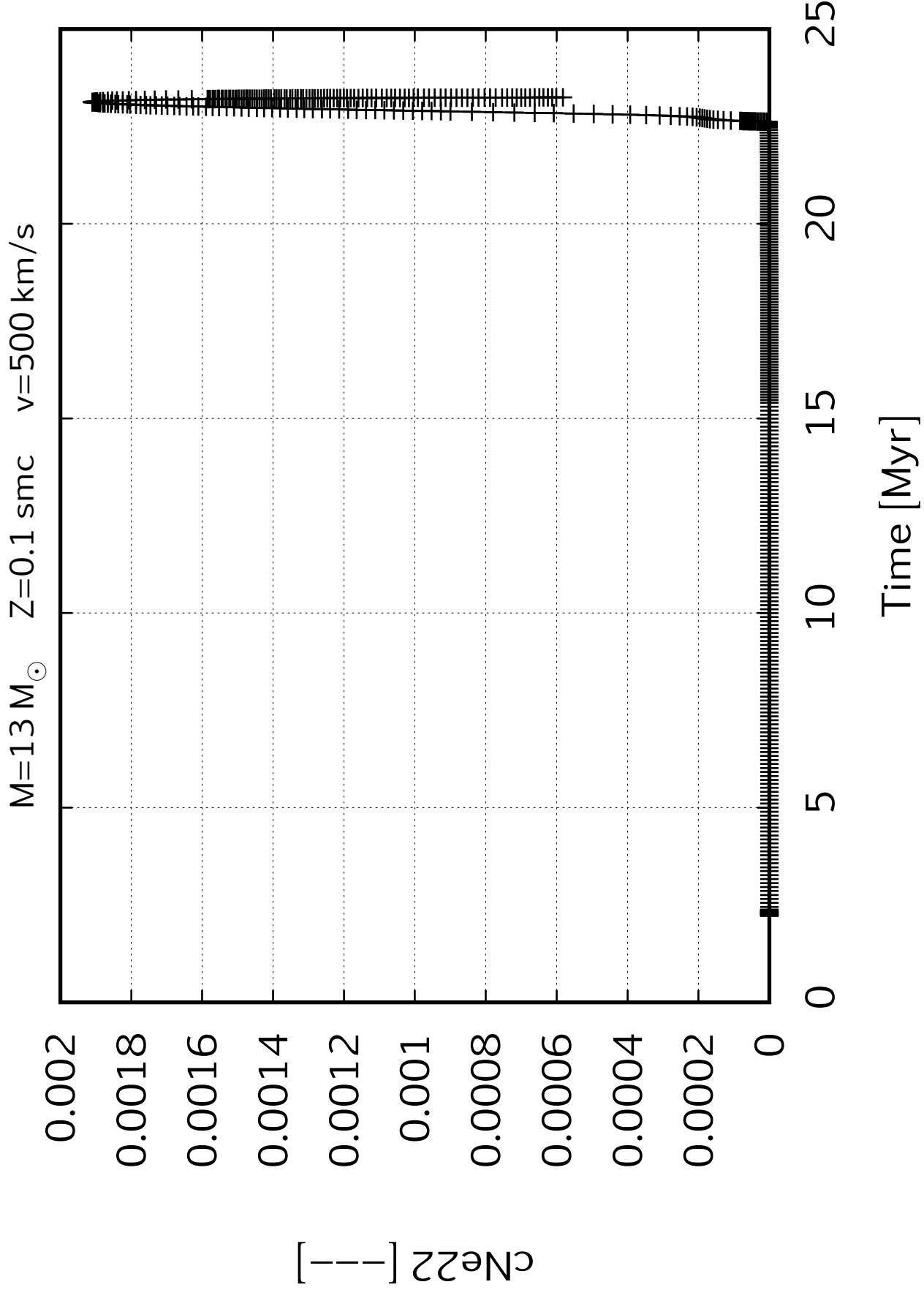
2×10^{-5}

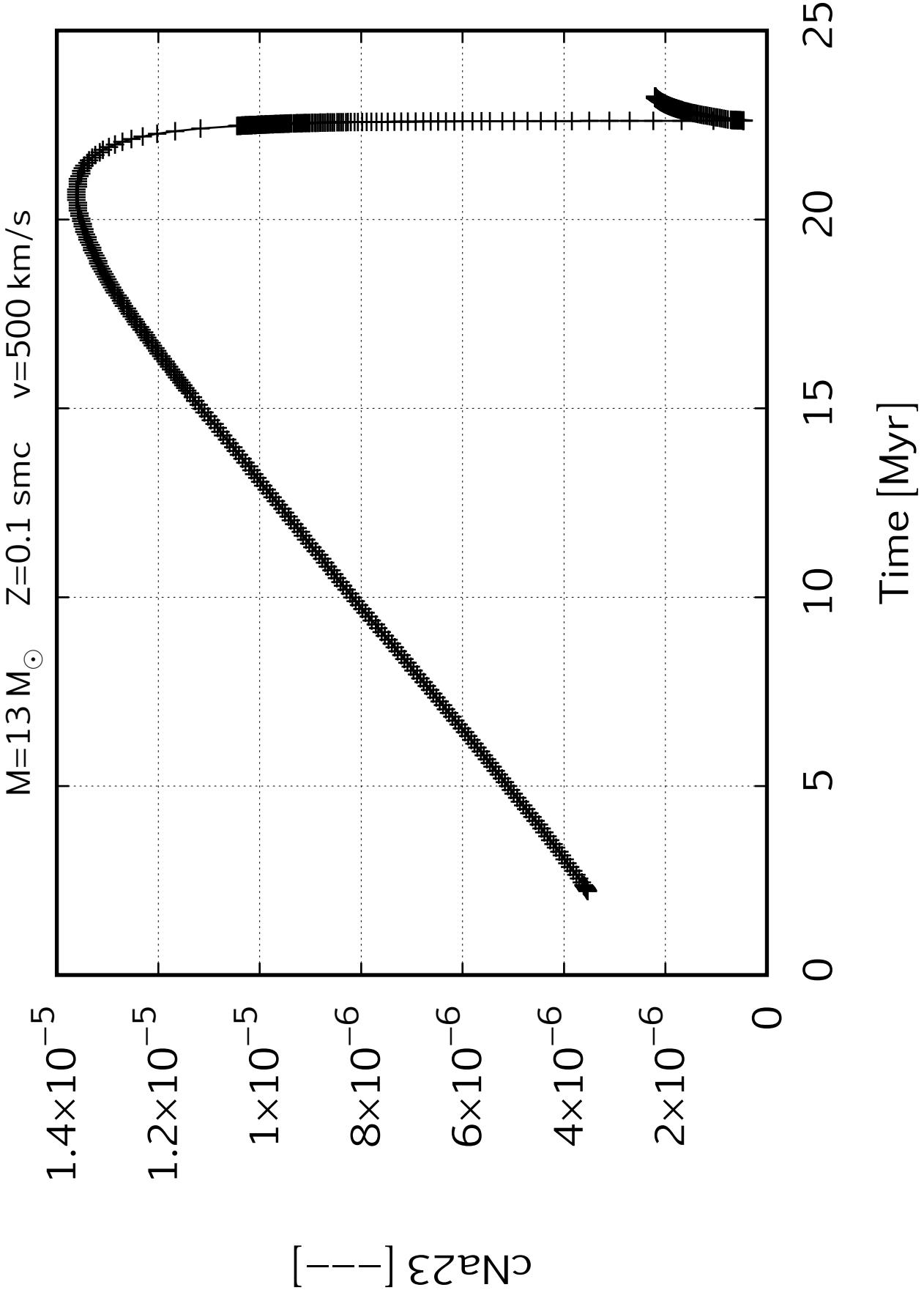
1×10^{-5}

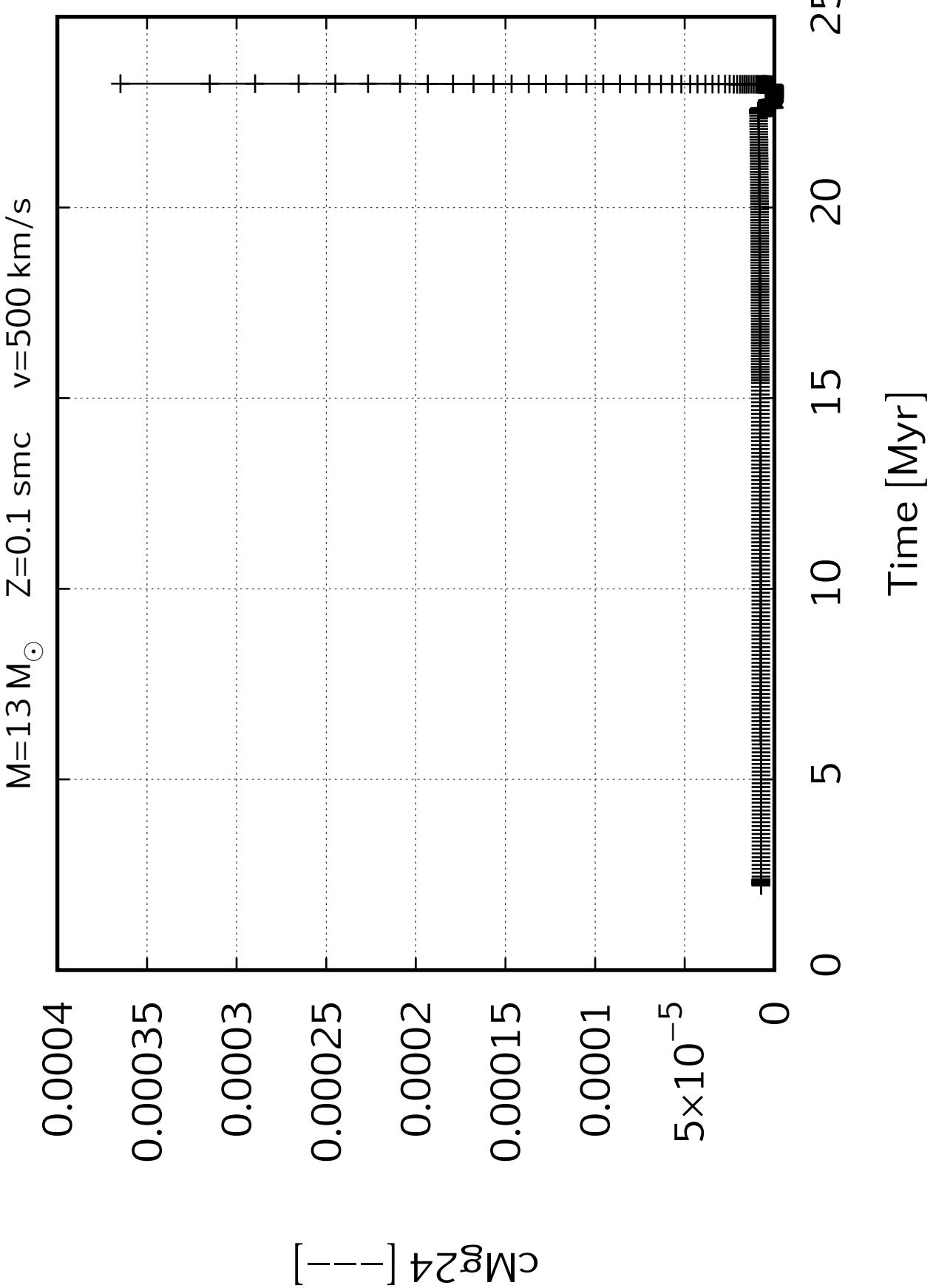
0

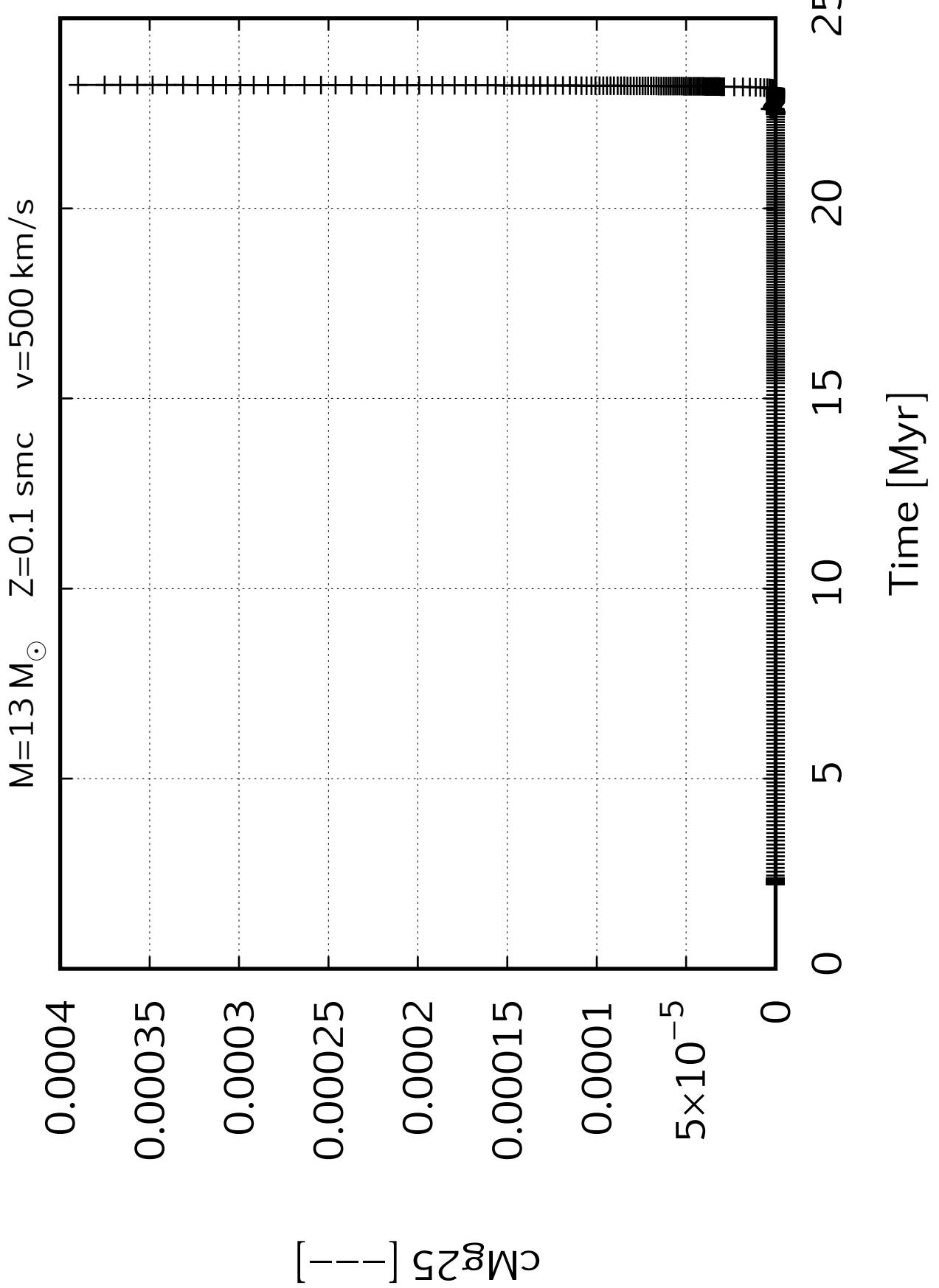
0 5 10 15 20 25

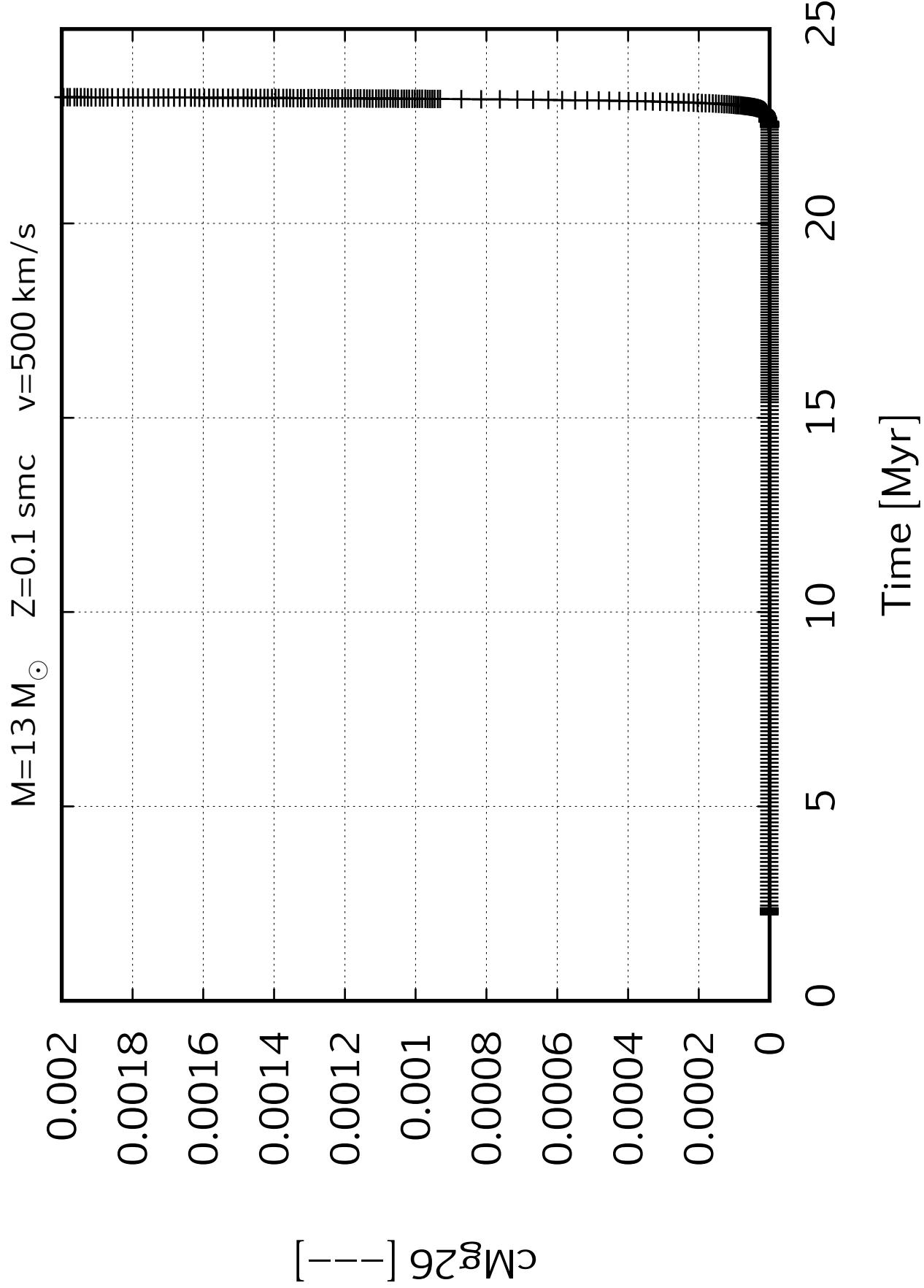
Time [Myr]

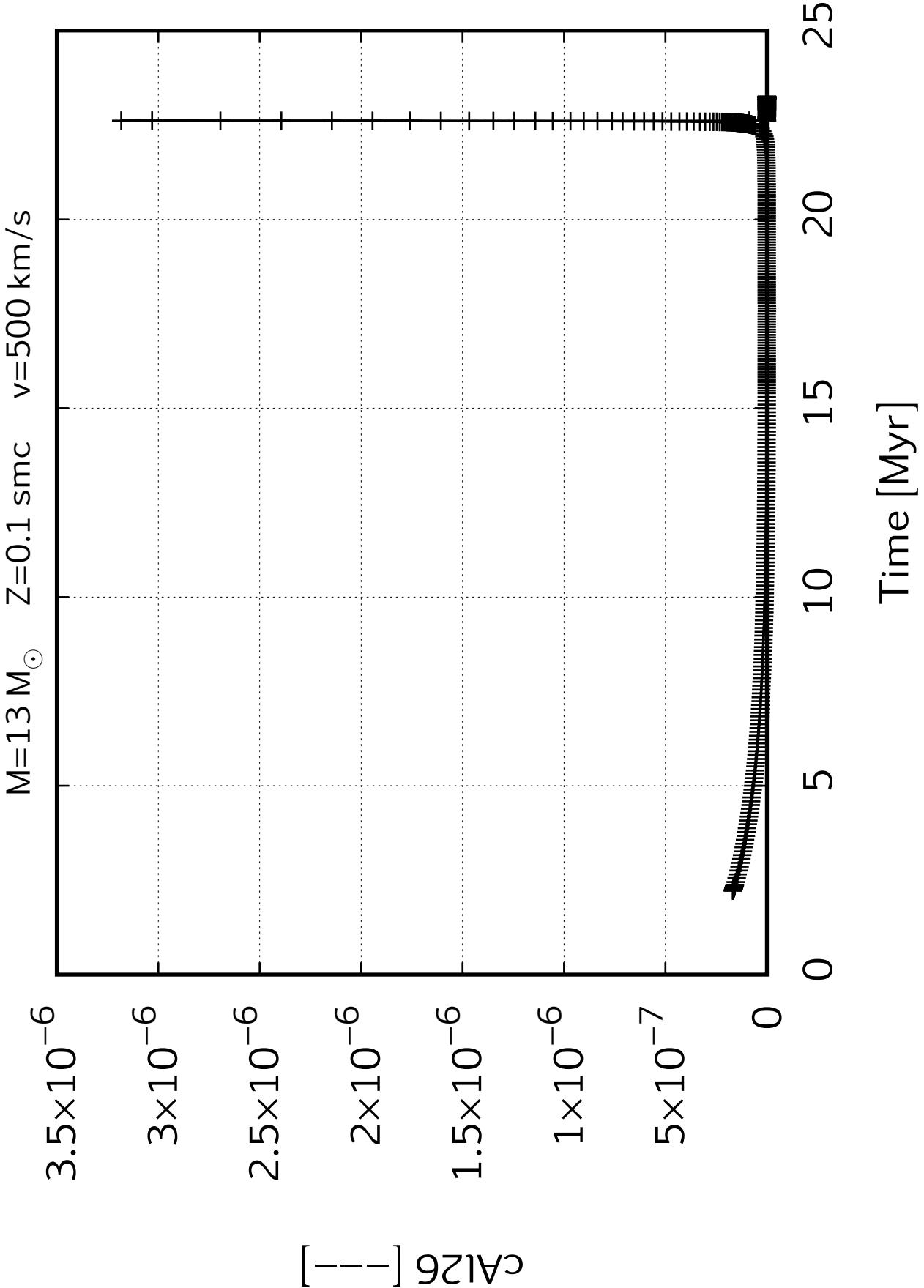


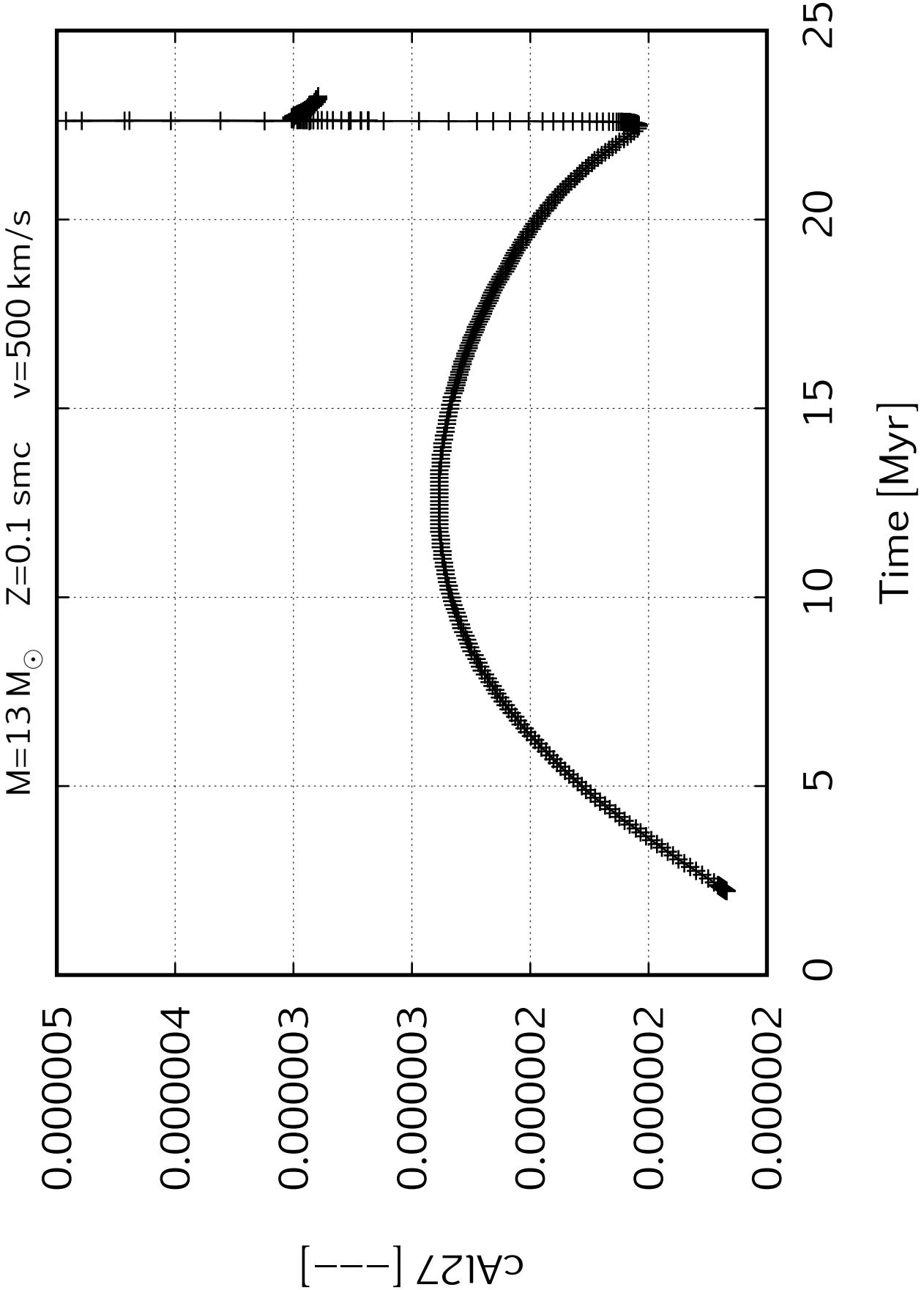


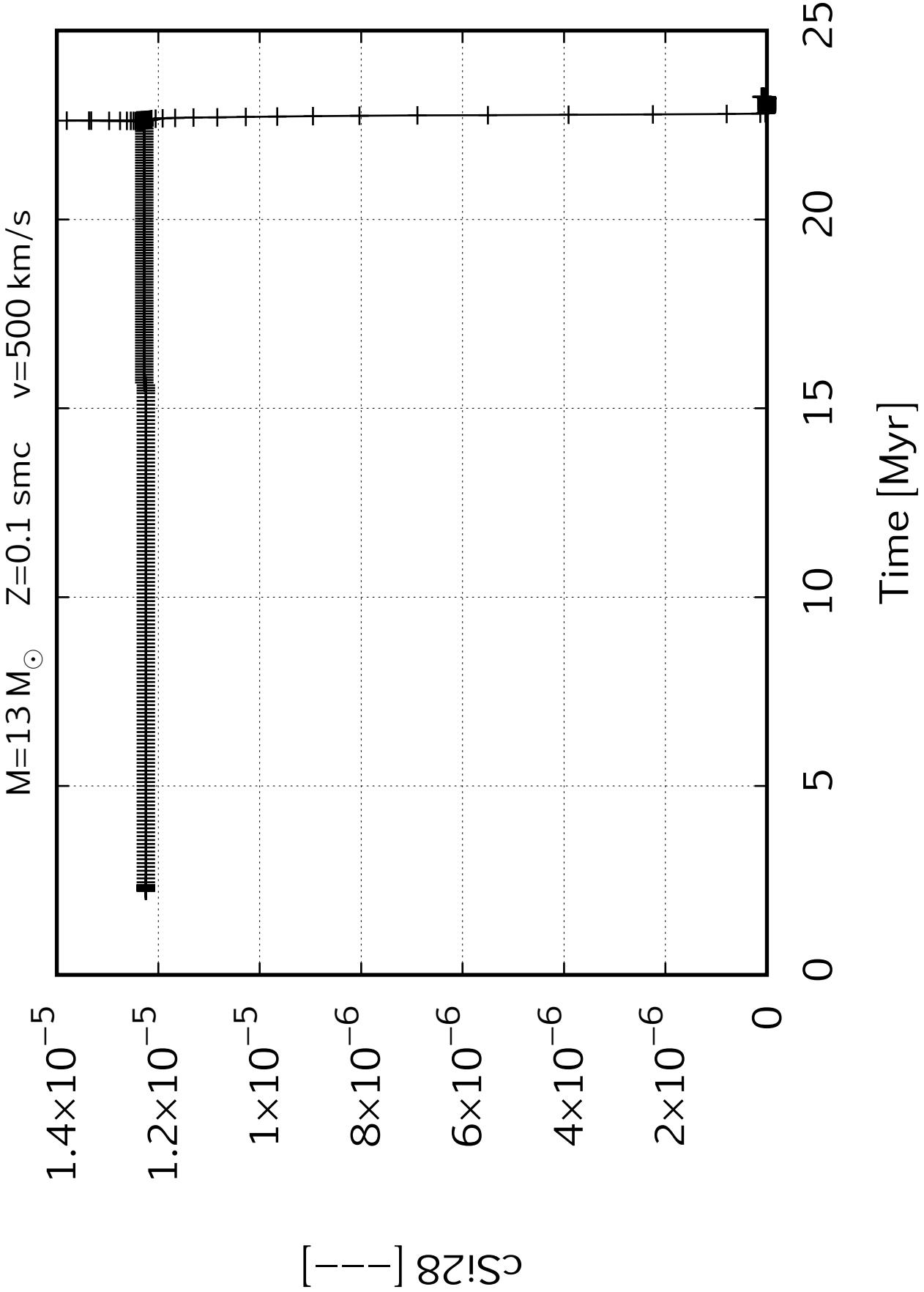












$M=13 M_{\odot}$ $Z=0.1$ smc $v=500$ km/s

2.5×10^{-6}

2×10^{-6}

1.5×10^{-6}

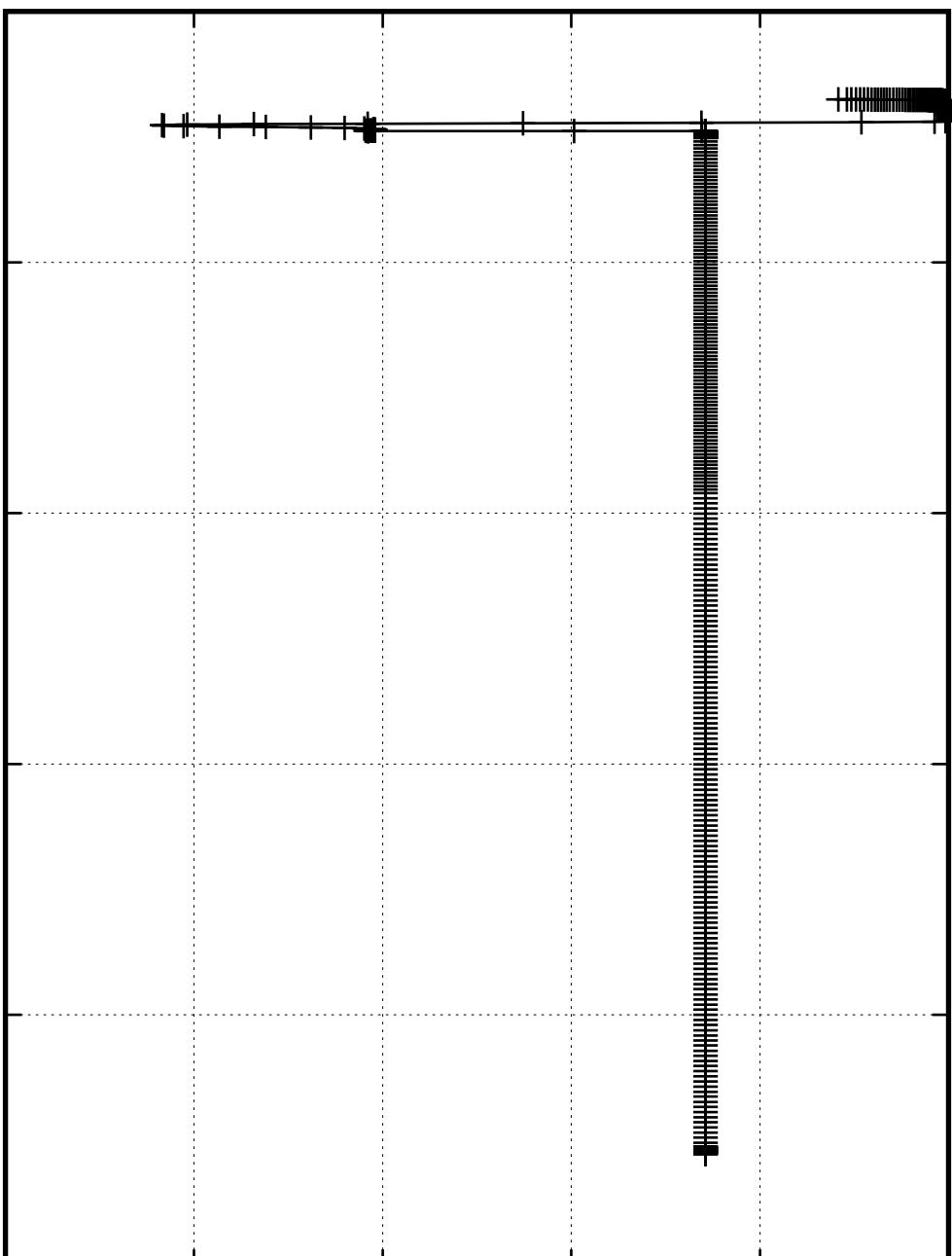
1×10^{-6}

5×10^{-7}

0

CSi29 [---]

0 5 10 15 20 25
Time [Myr]

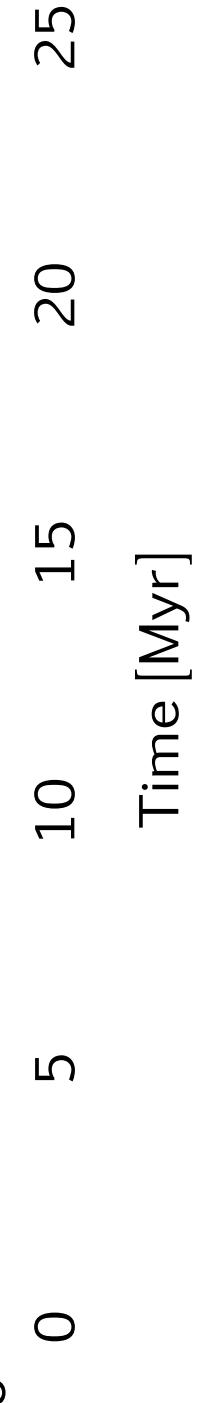


1.6×10^{-5}
 1.4×10^{-5}
 1.2×10^{-5}
 1×10^{-5}
 8×10^{-6}
 6×10^{-6}
 4×10^{-6}
 2×10^{-6}
0

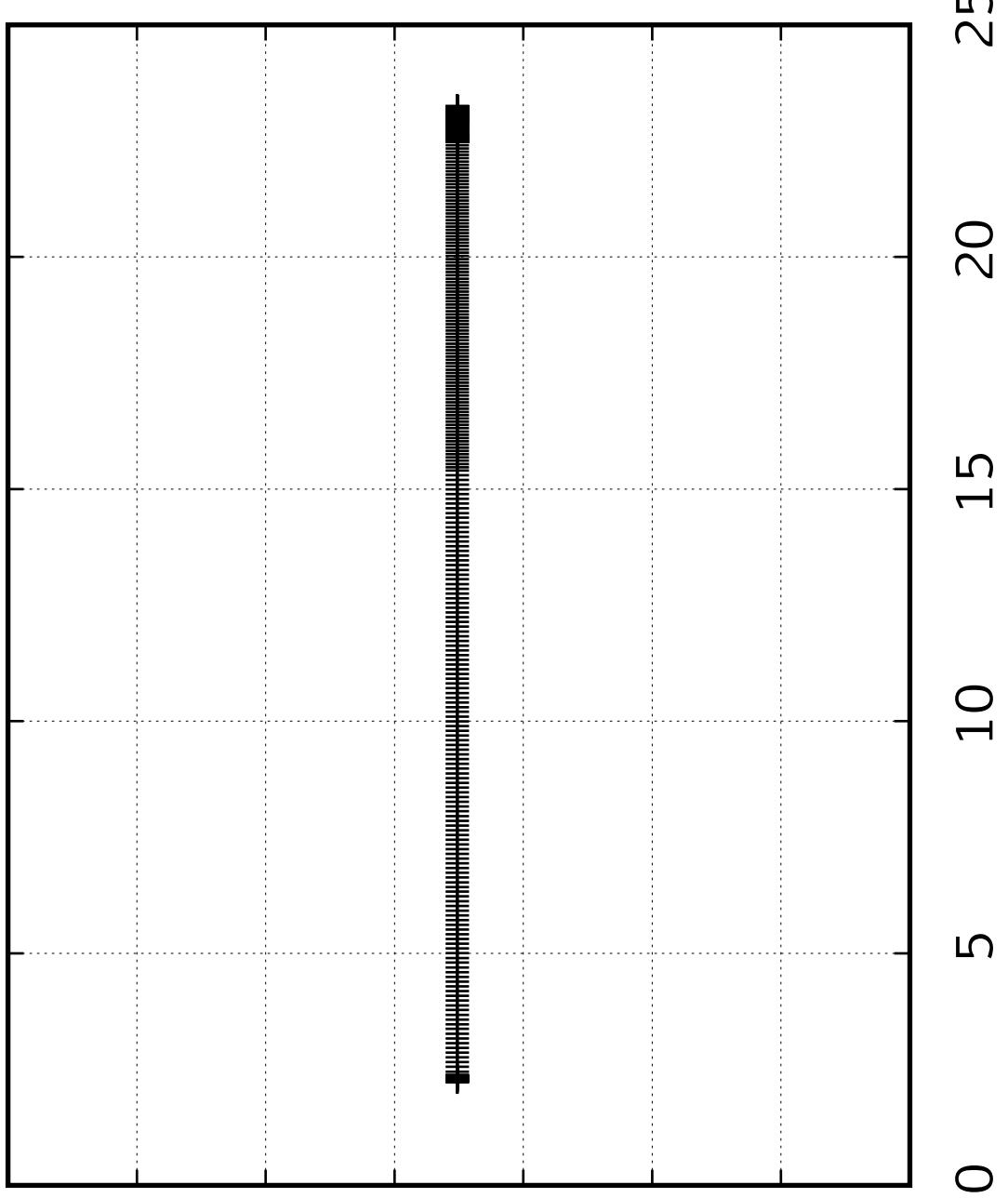
$M=13 M_{\odot}$

$Z=0.1 \text{ smc}$

$v=500 \text{ km/s}$



$M=13 M_{\odot}$ Z=0.1 smc $v=500$ km/s



0.0000257

0.0000256

0.0000255

0.0000254

0.0000253

0.0000252

0.0000251

0.0000250

[Fe56]

$M=13 M_{\odot}$ $Z=0.1$ smc $v=500$ km/s

1.5

1.4

1.3

1.2

1.1

1

0.9

0.8

v_{surf}/v_{crit}

20

15

10

5

0

Time [Myr]

