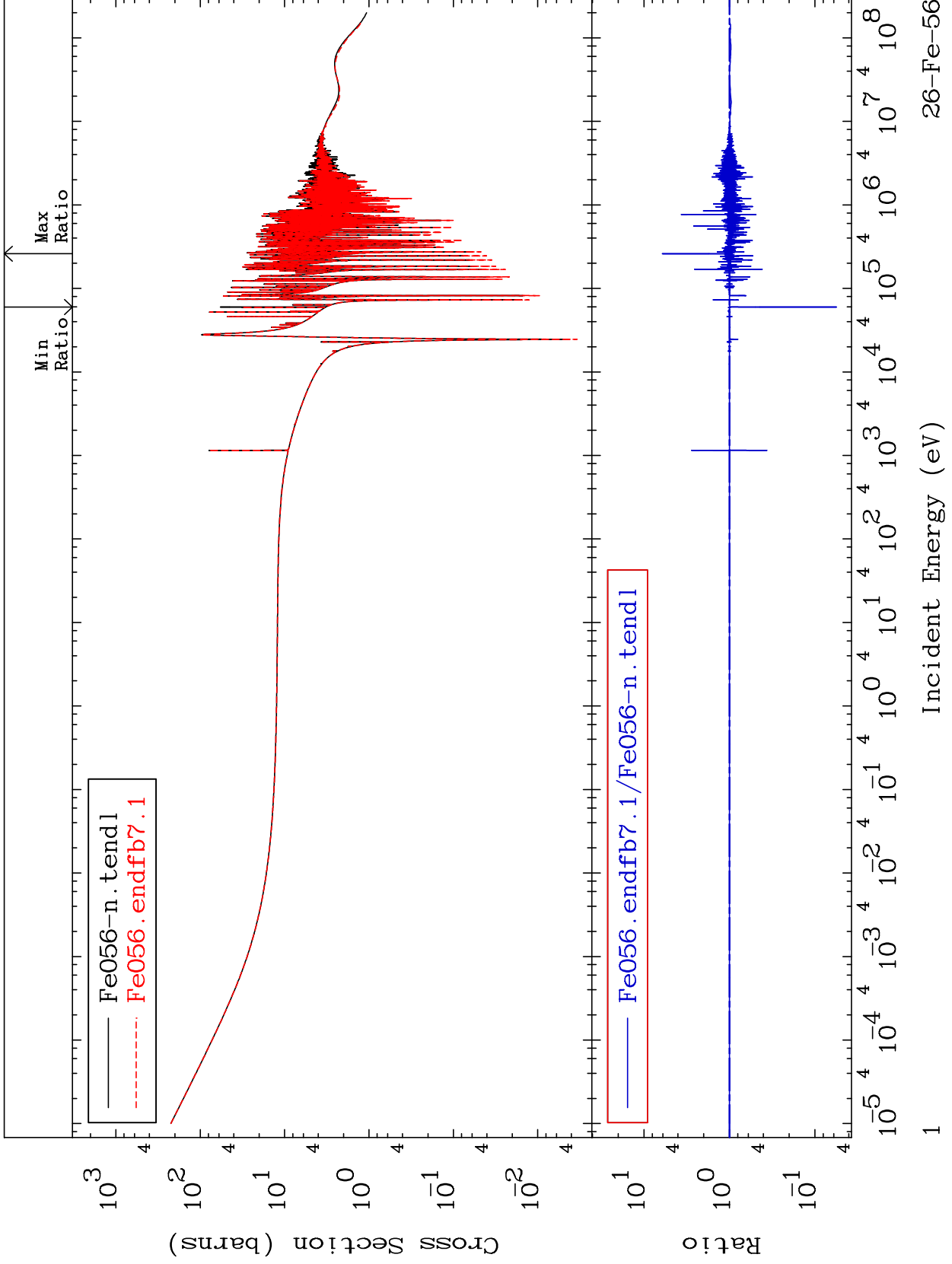


MAT 2631

Total  
Cross Section

26-Fe-56  
-94.43 To 509.7 %

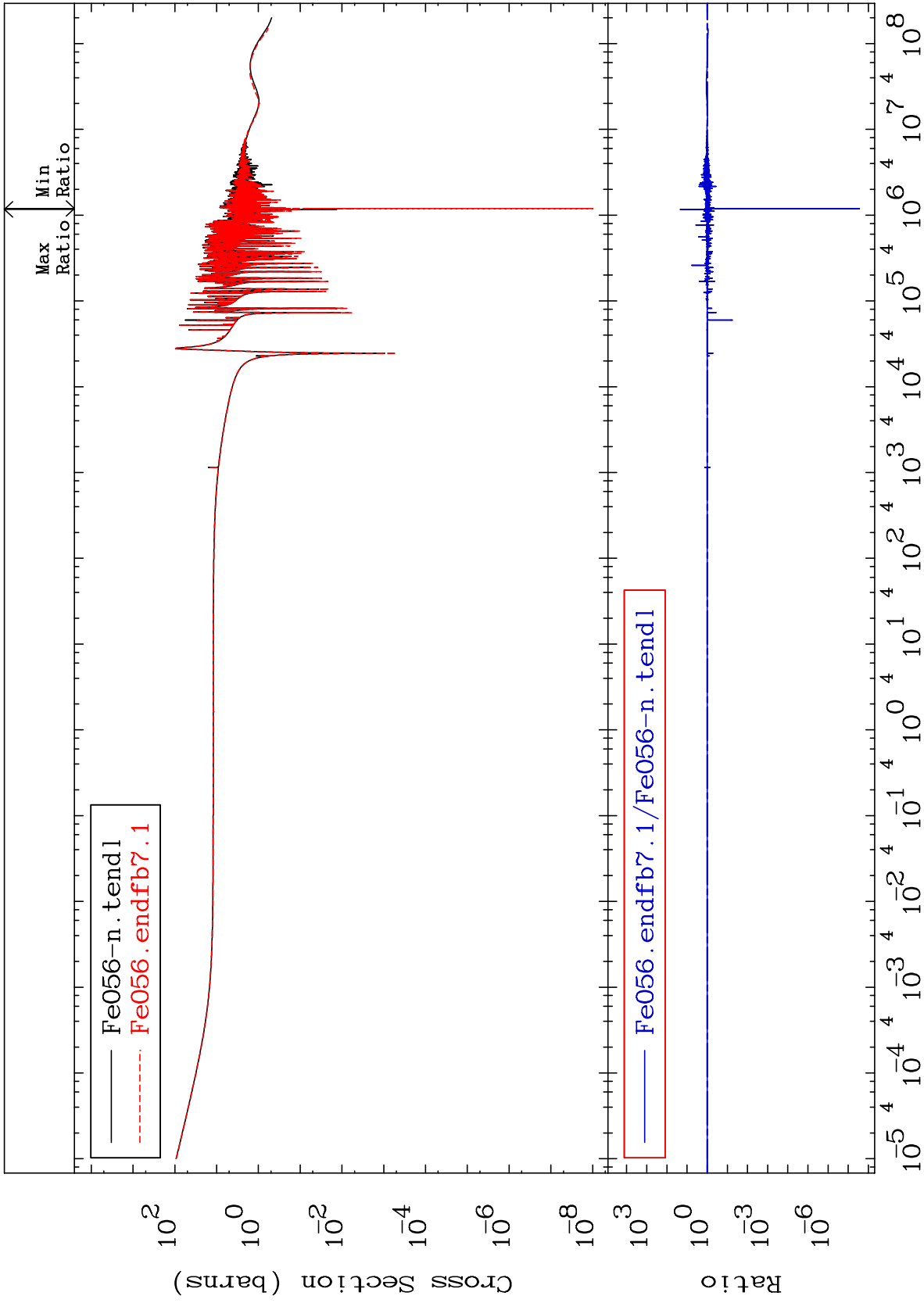


26-Fe-56

MAT 2631

Elastic  
Cross Section

26-Fe-56  
-100.0 To 2048. %



2

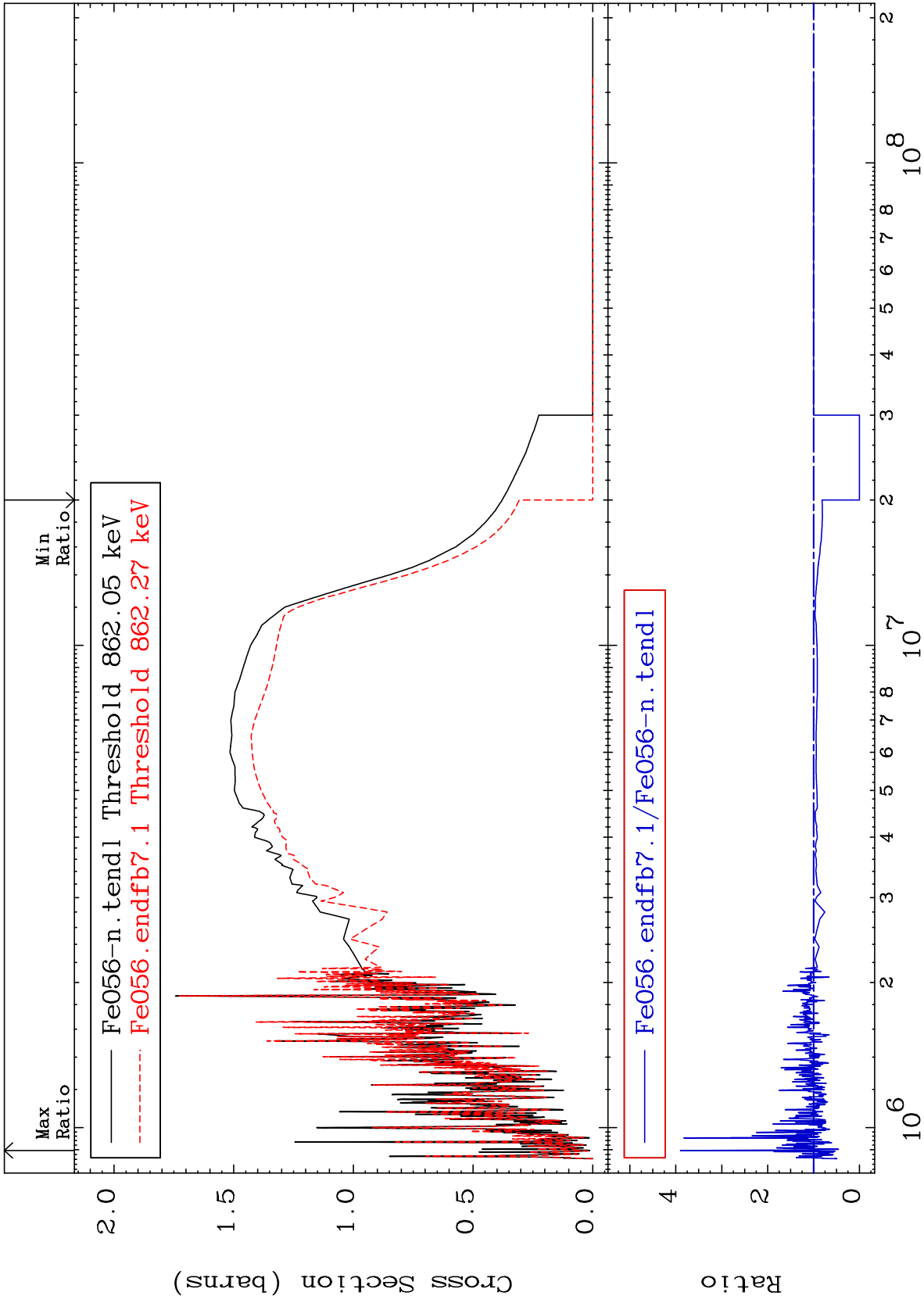
Incident Energy (eV)

26-Fe-56

MAT 2631

Inelastic  
Cross Section

$^{26}\text{Fe-56}$   
-100.0 To 290.1 %



3

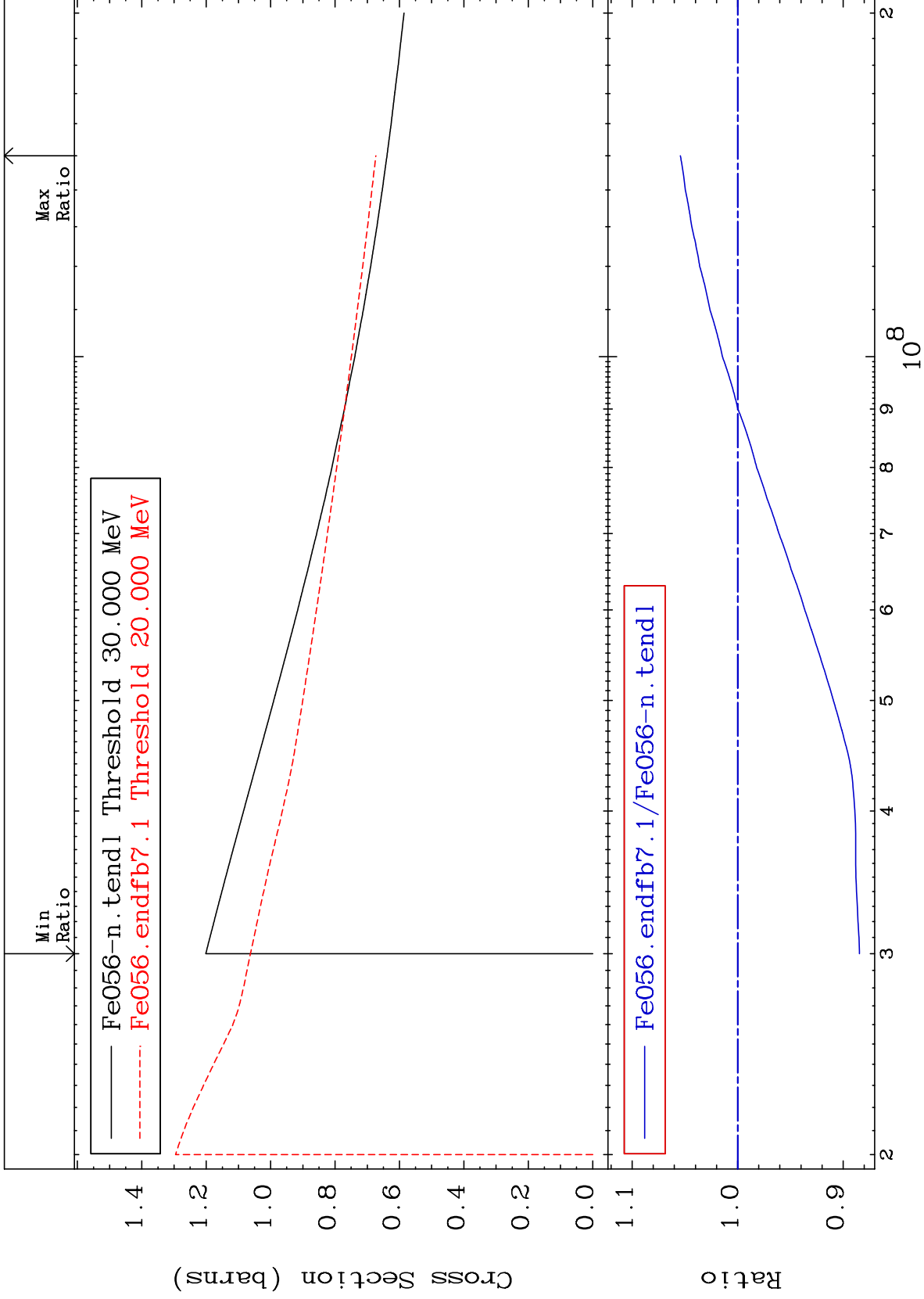
Incident Energy (eV)

$^{26}\text{Fe-56}$

MAT 2631

(n, remainder)  
Cross Section

<sup>26</sup>Fe-56  
-11.54 To 5.432 %



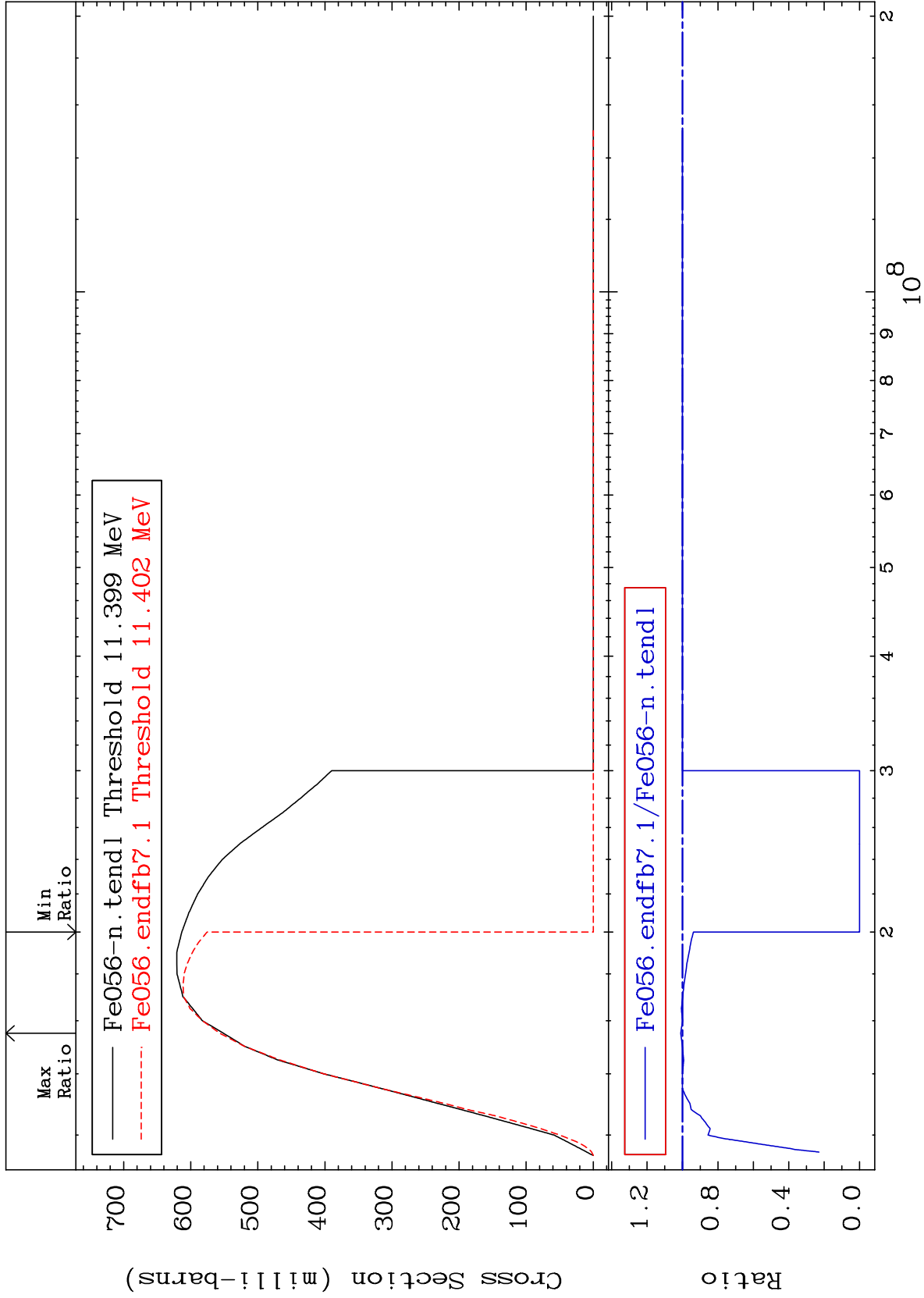
4

Incident Energy (eV)

<sup>26</sup>Fe-56

Cross Section

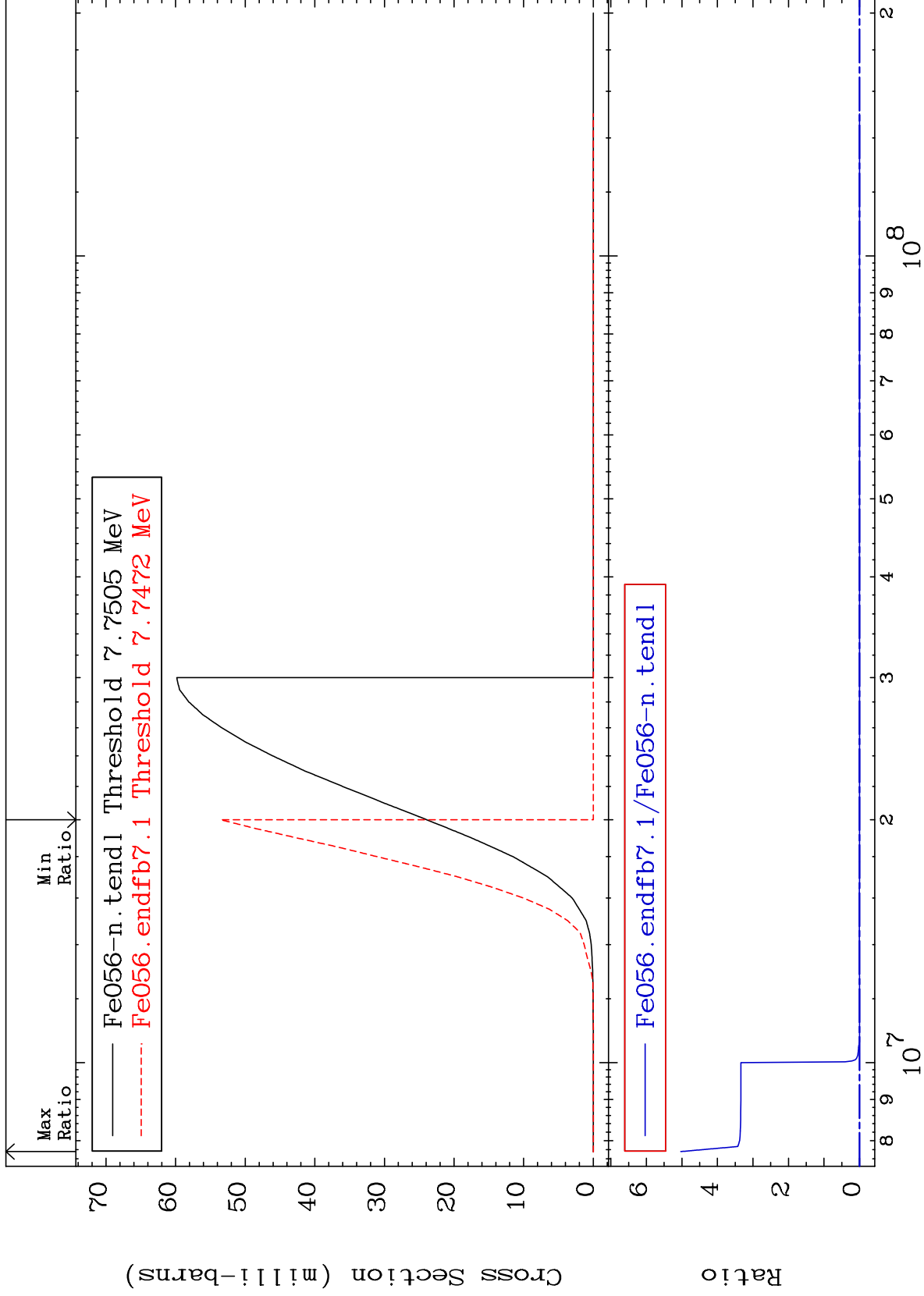
-100.0 To 0.972 %



MAT 2631

(n, n')  $\alpha$   
Cross Section

26-Fe-56  
-100.0 To 9999. %



6

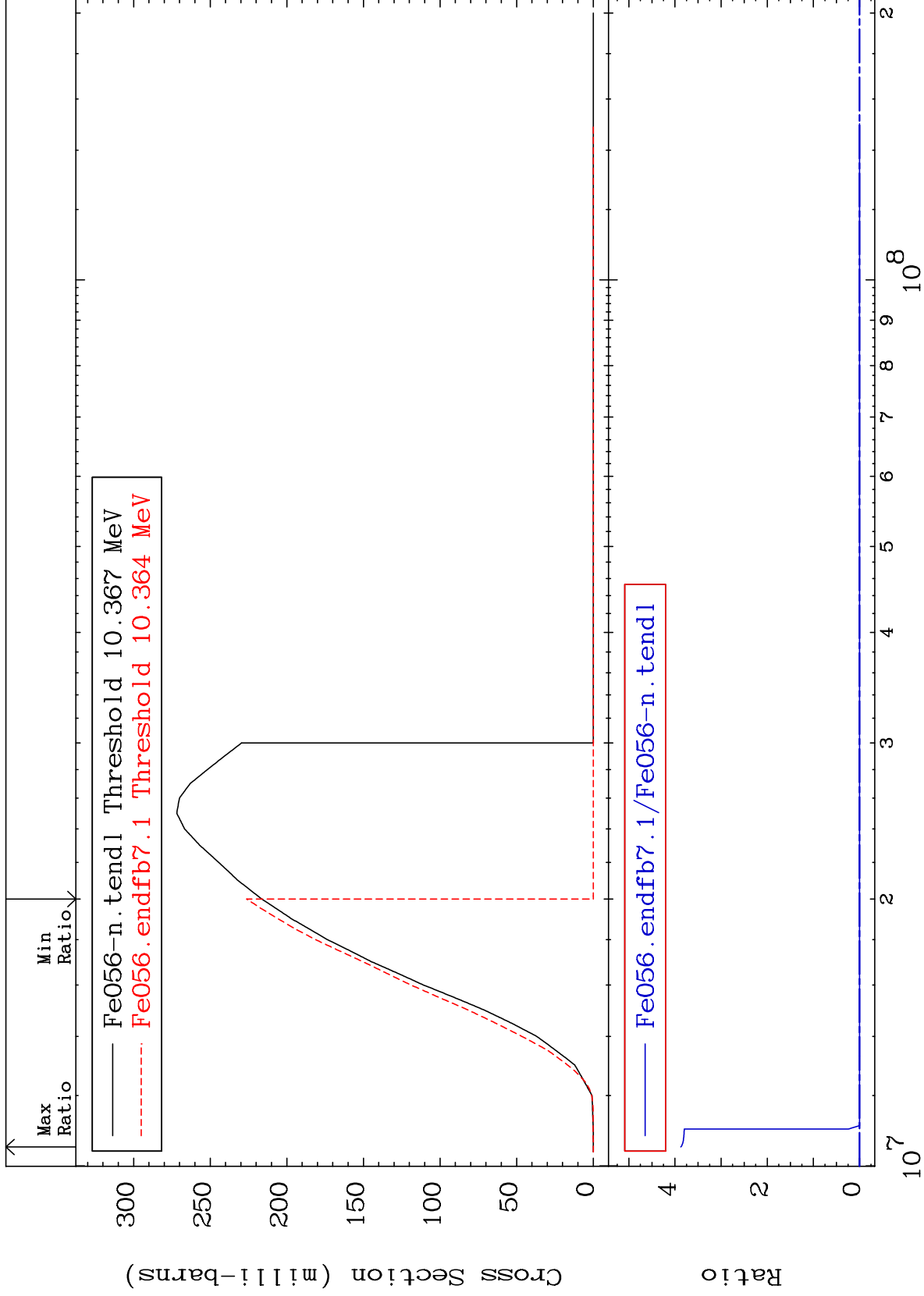
Incident Energy (eV)

26-Fe-56

MAT 2631

(n,n') p  
Cross Section

<sup>26</sup>Fe-56  
-100.0 To 9999. %



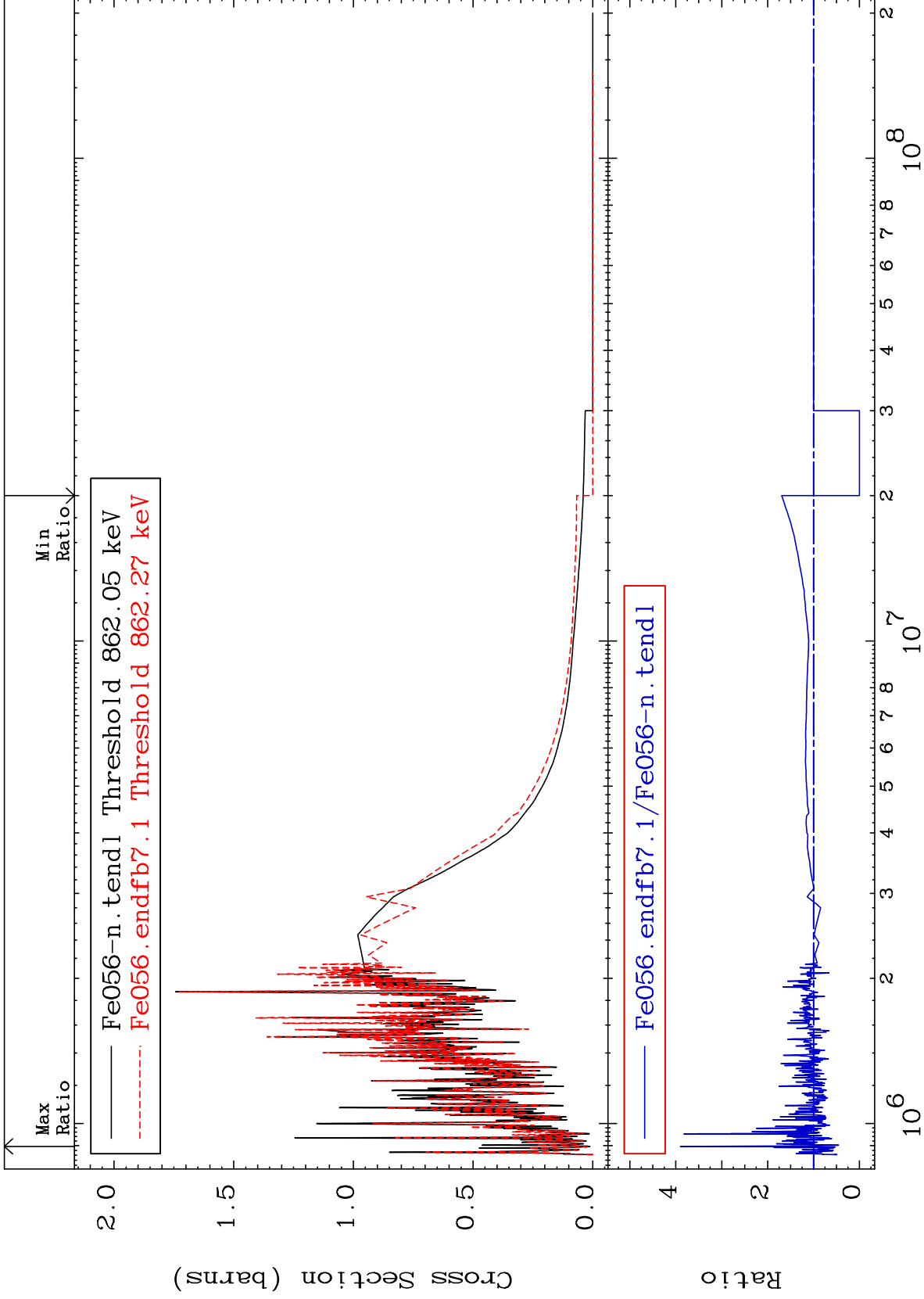
MAT 2631

846.8 keV (n,n') Level

<sup>26</sup>Fe-56

-100.0 To 290.1 %

Cross Section



8

Incident Energy (eV)

<sup>26</sup>Fe-56



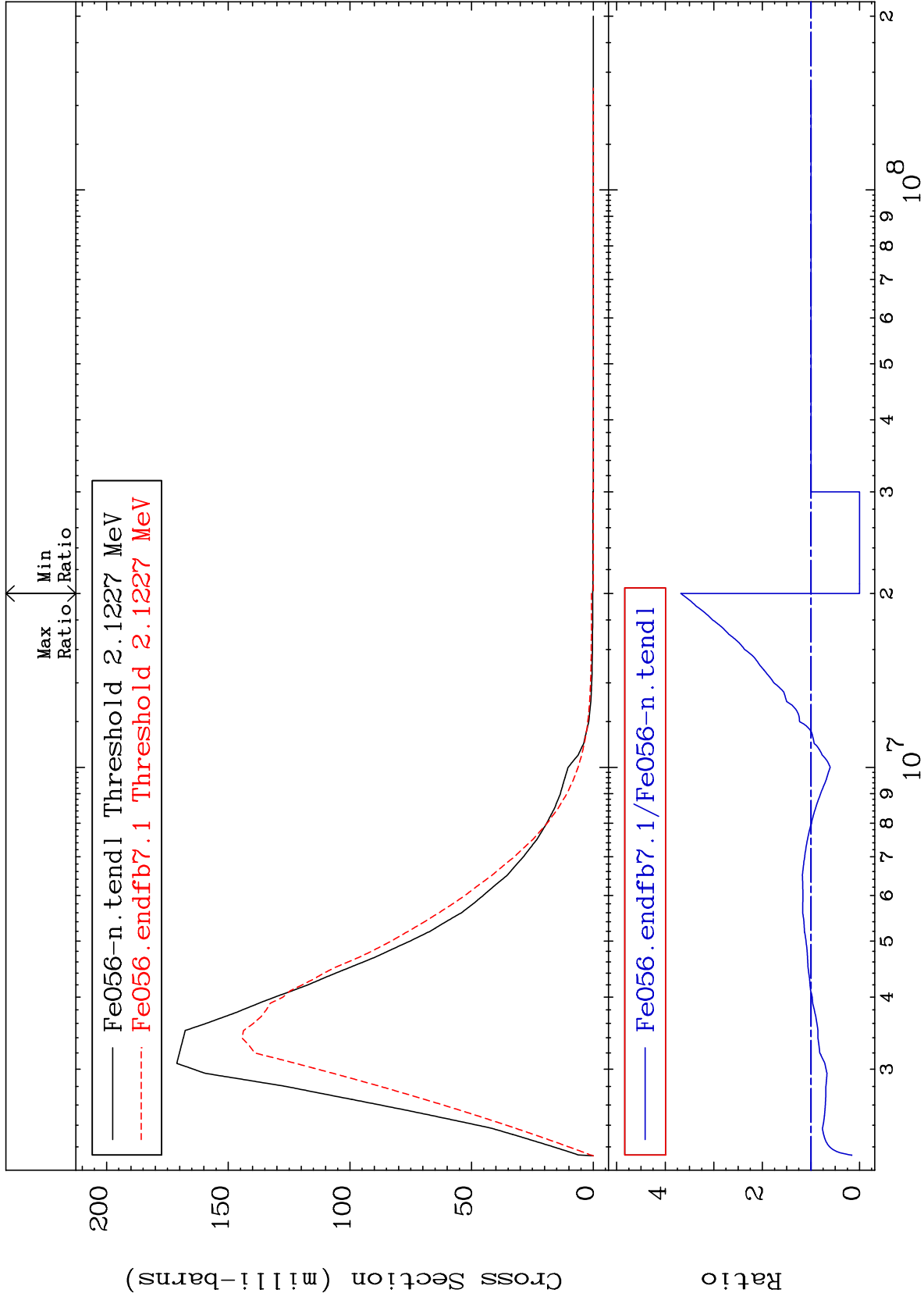
MAT 2631

2.085 MeV (n,n') Level

<sup>26</sup>Fe-56

-100.0 To 268.1 %

Cross Section



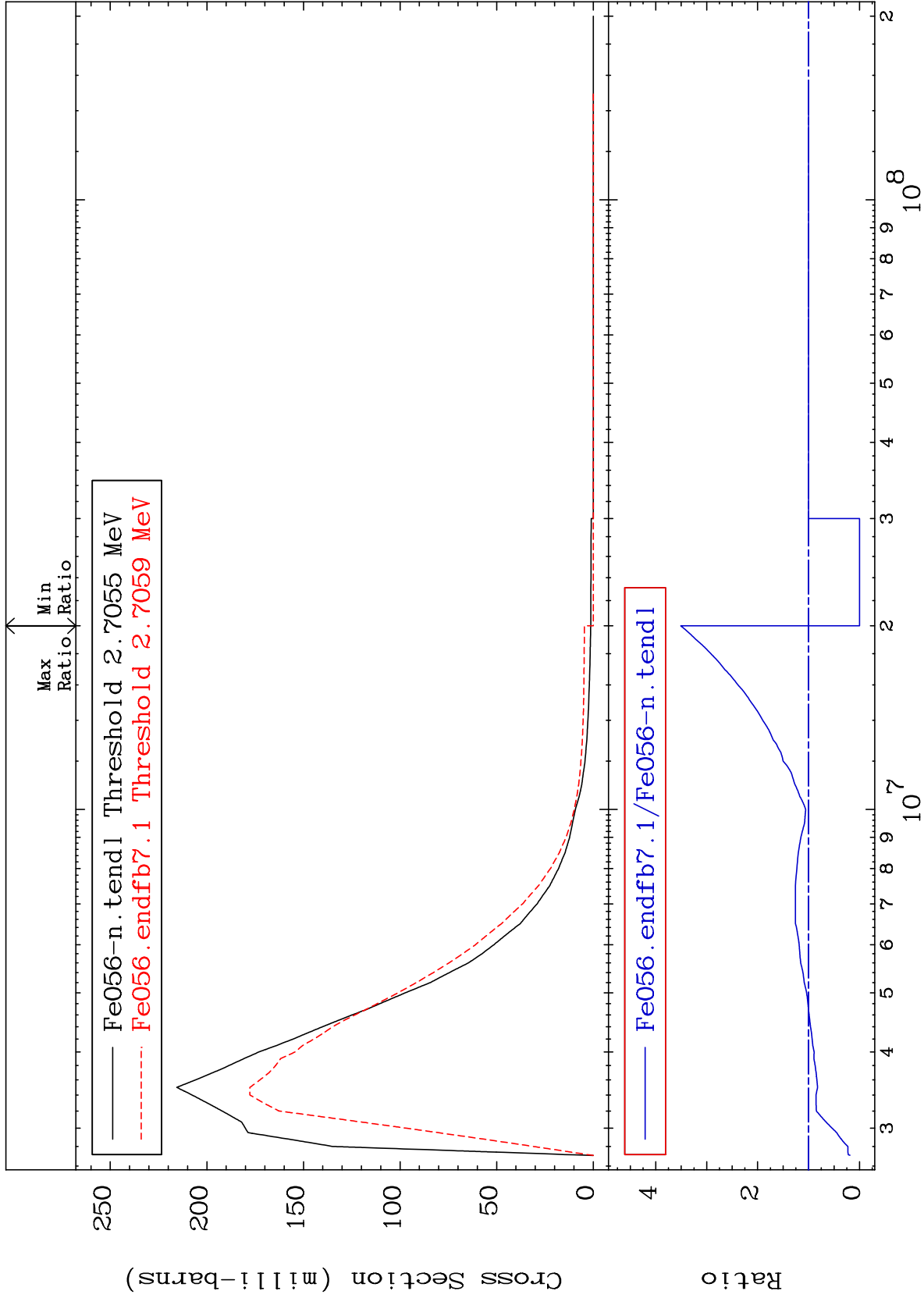
MAT 2631

2.658 MeV (n,n') Level

<sup>26</sup>Fe-56

-100.0 To 250.9 %

Cross Section



10

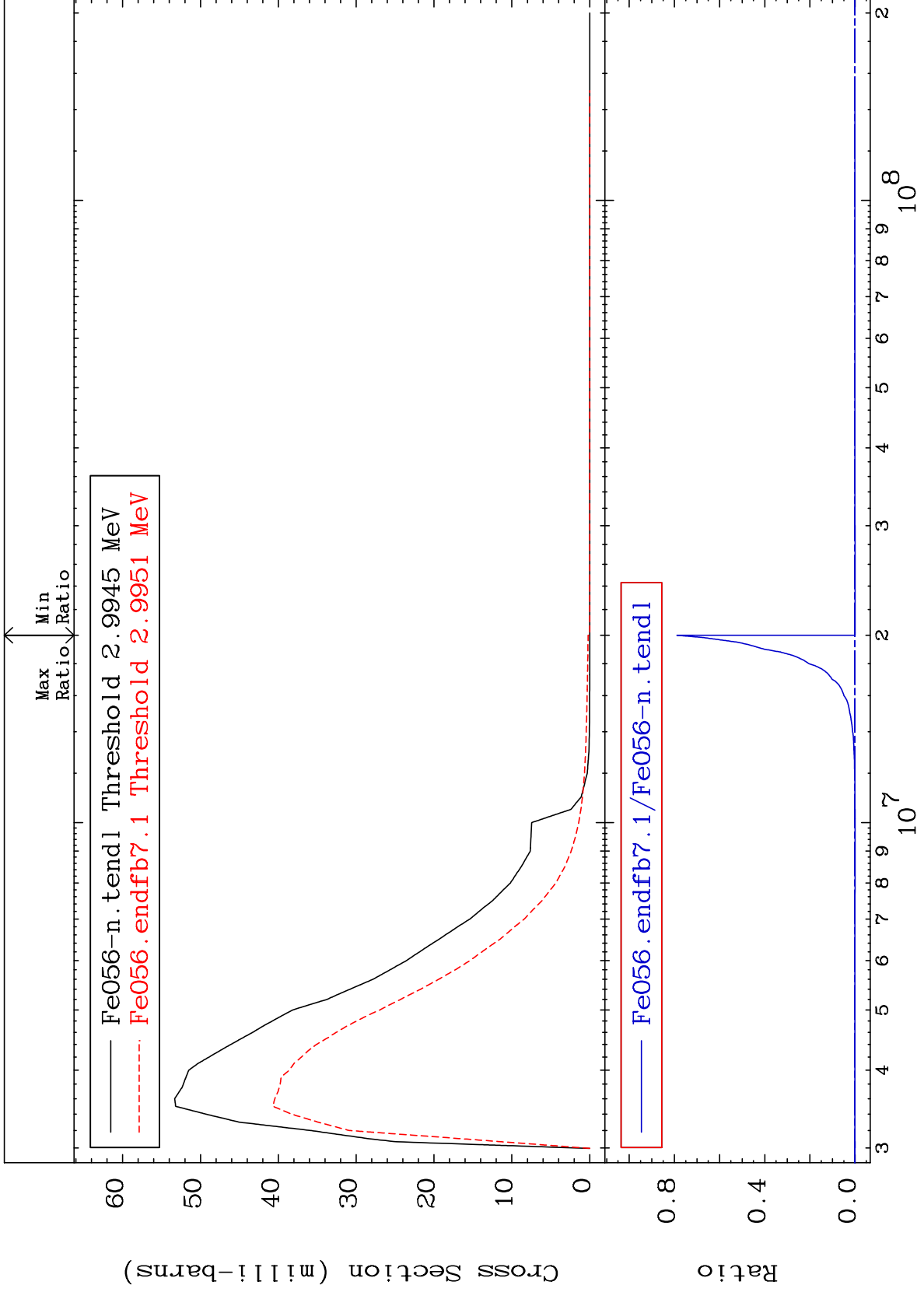
Incident Energy (eV)

<sup>26</sup>Fe-56

MAT 2631

2.942 MeV (n,n') Level  
Cross Section

26-Fe-56  
-100.0 To 9999. %



11

Incident Energy (eV)

26-Fe-56

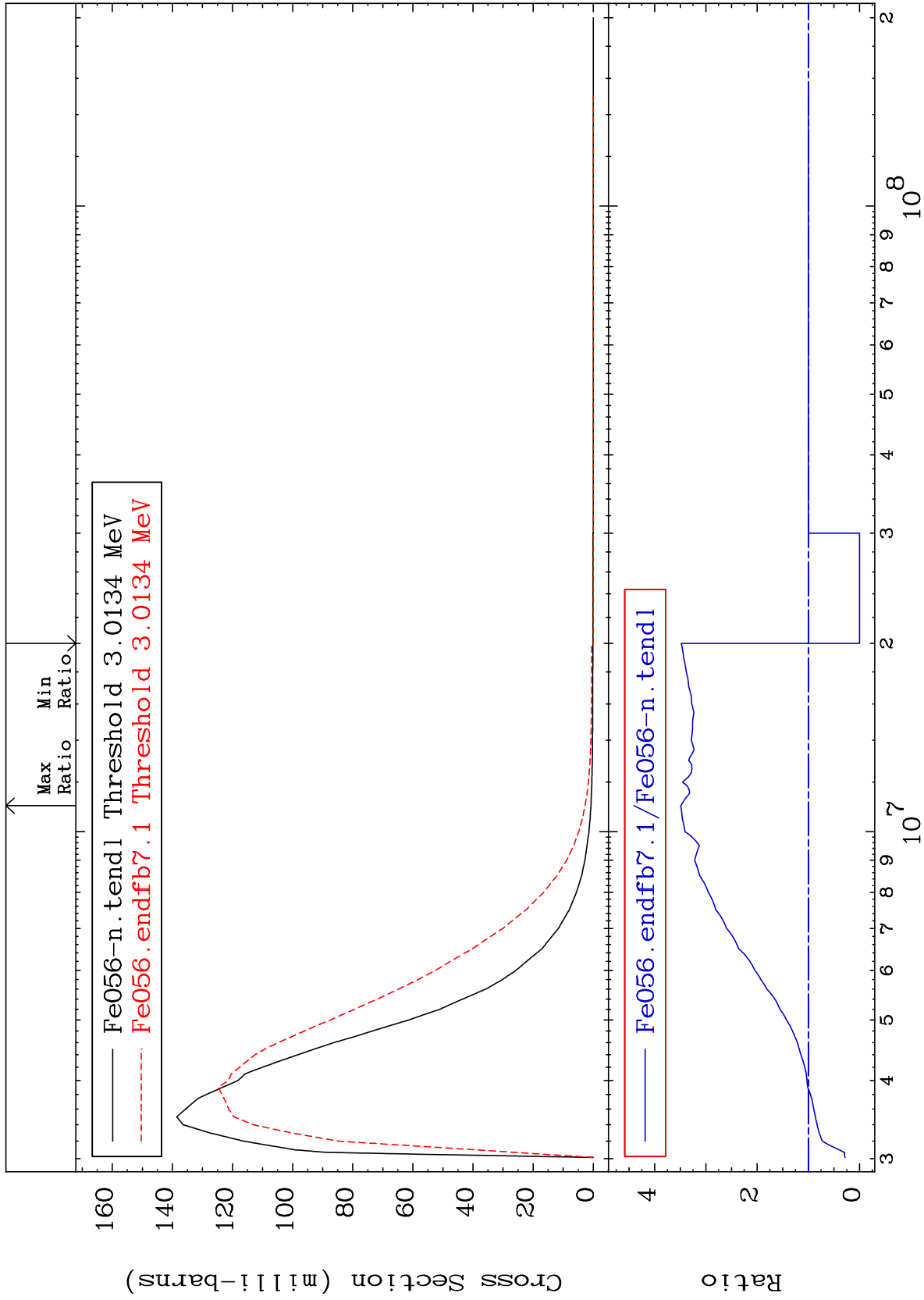
MAT 2631

2.960 MeV (n,n') Level

<sup>26</sup>Fe-56

-100.0 To 249.0 %

Cross Section



12

Incident Energy (eV)

<sup>26</sup>Fe-56

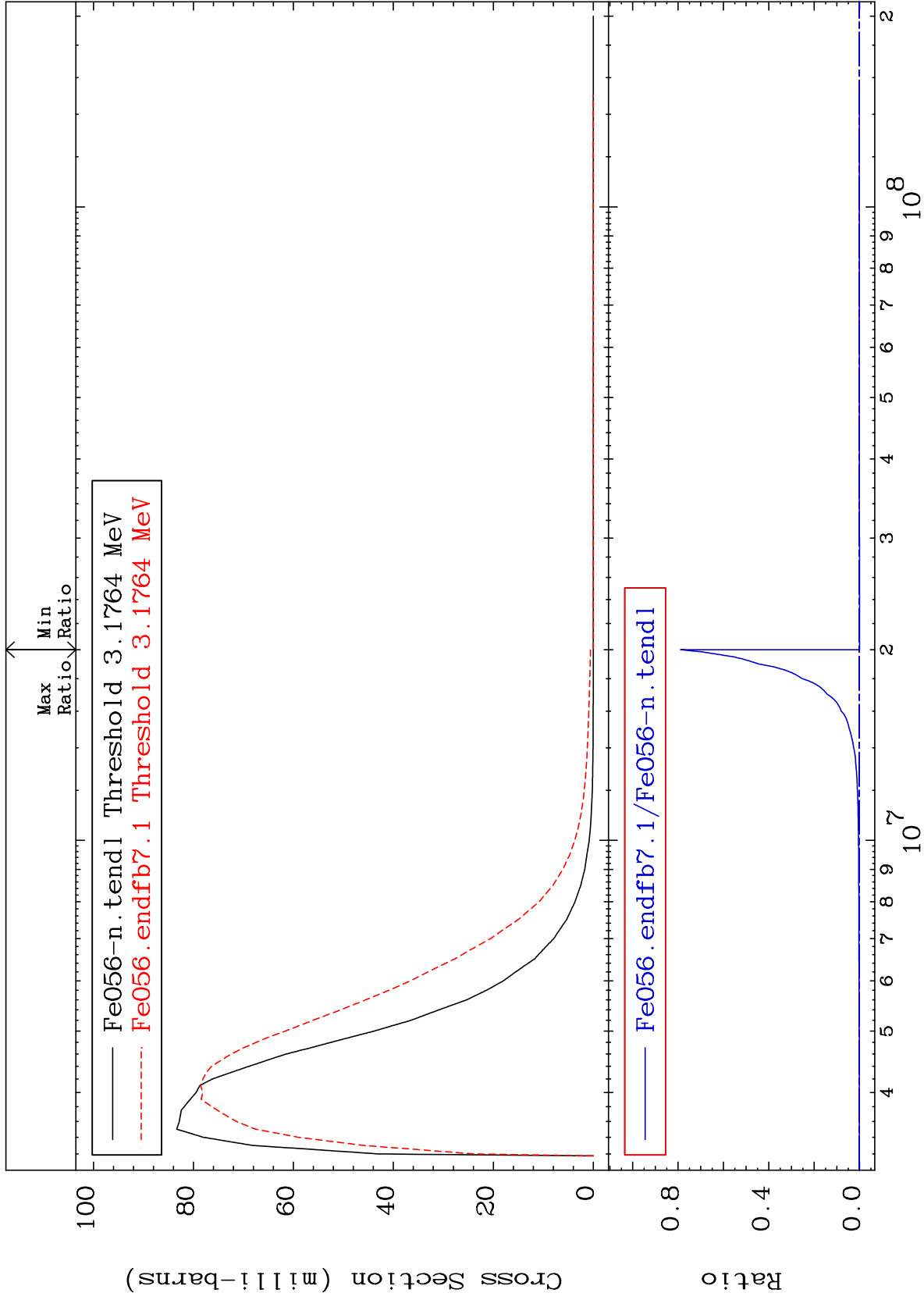
MAT 2631

3.120 MeV (n,n') Level

<sup>26</sup>Fe-56

-100.0 To 9999. %

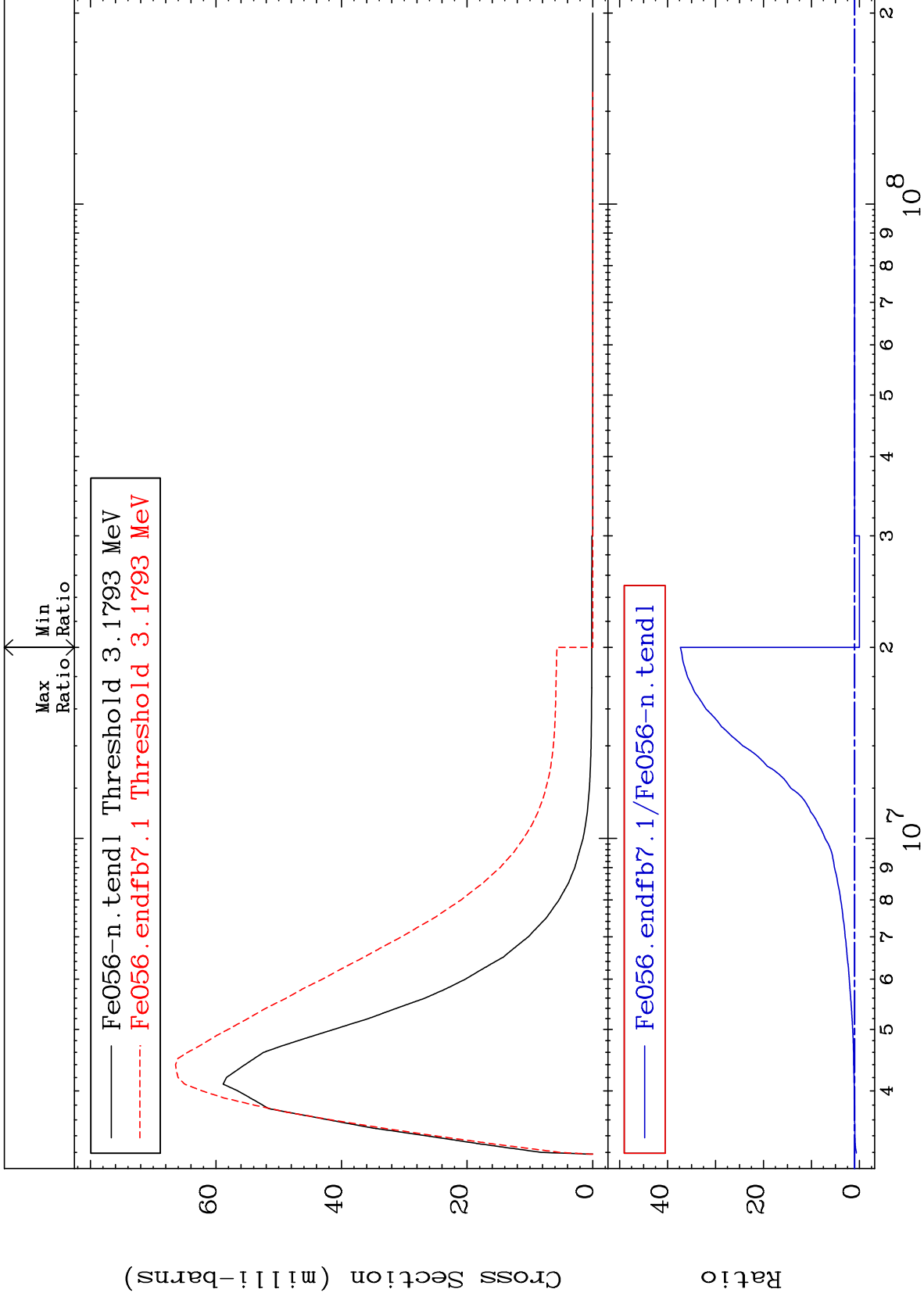
Cross Section



MAT 2631

3.123 MeV (n,n') Level  
Cross Section

26-Fe-56  
-100.0 To 3633. %



14

Incident Energy (eV)

26-Fe-56

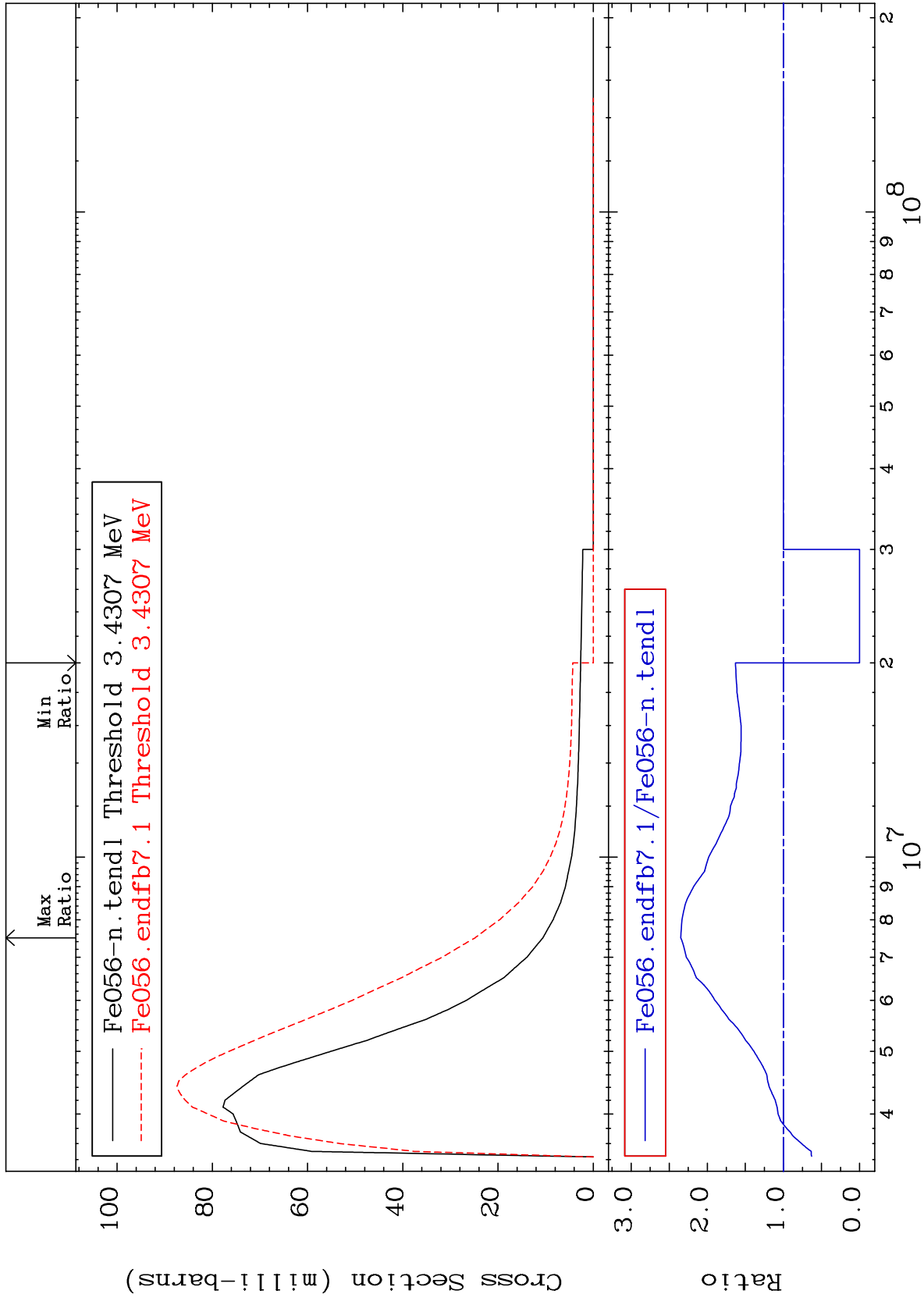
MAT 2631

3.370 MeV (n,n') Level

<sup>26</sup>Fe-56

-100.0 To 134.8 %

Cross Section



15

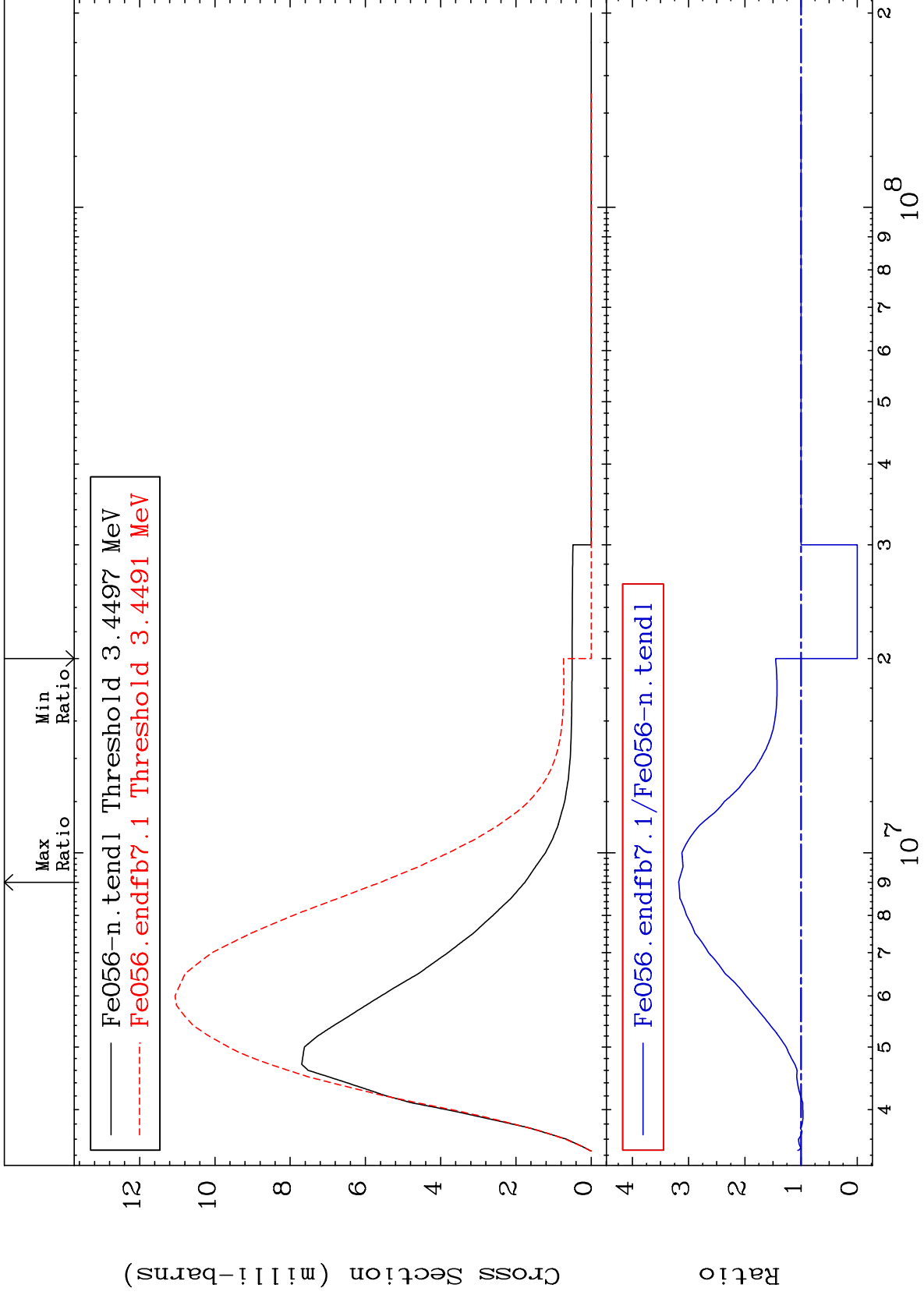
Incident Energy (eV)

<sup>26</sup>Fe-56

MAT 2631

3.389 MeV (n,n') Level  
Cross Section

26-Fe-56  
-100.0 To 217.8 %



16

Incident Energy (eV)

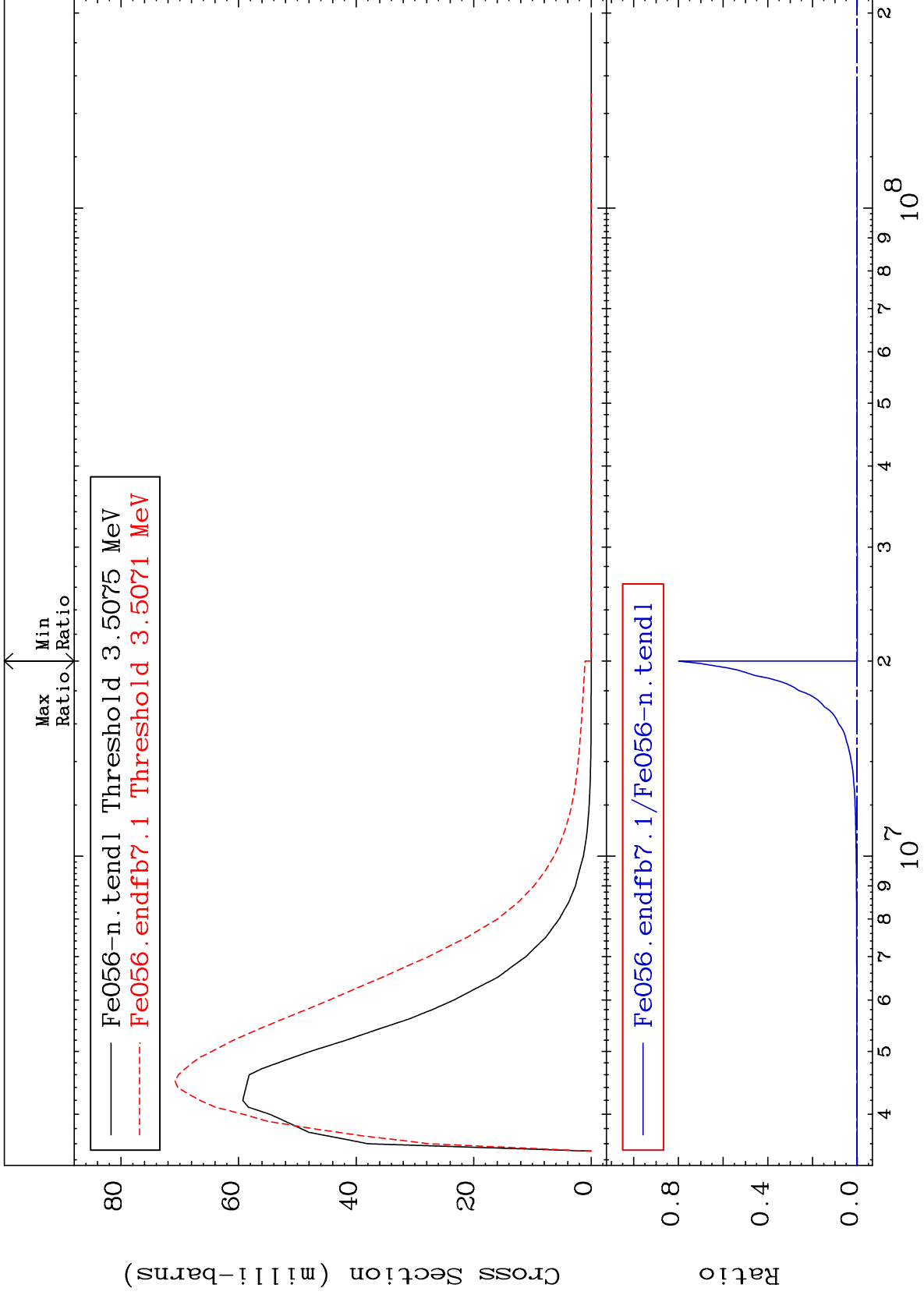
26-Fe-56



MAT 2631

3.445 MeV (n,n') Level  
Cross Section

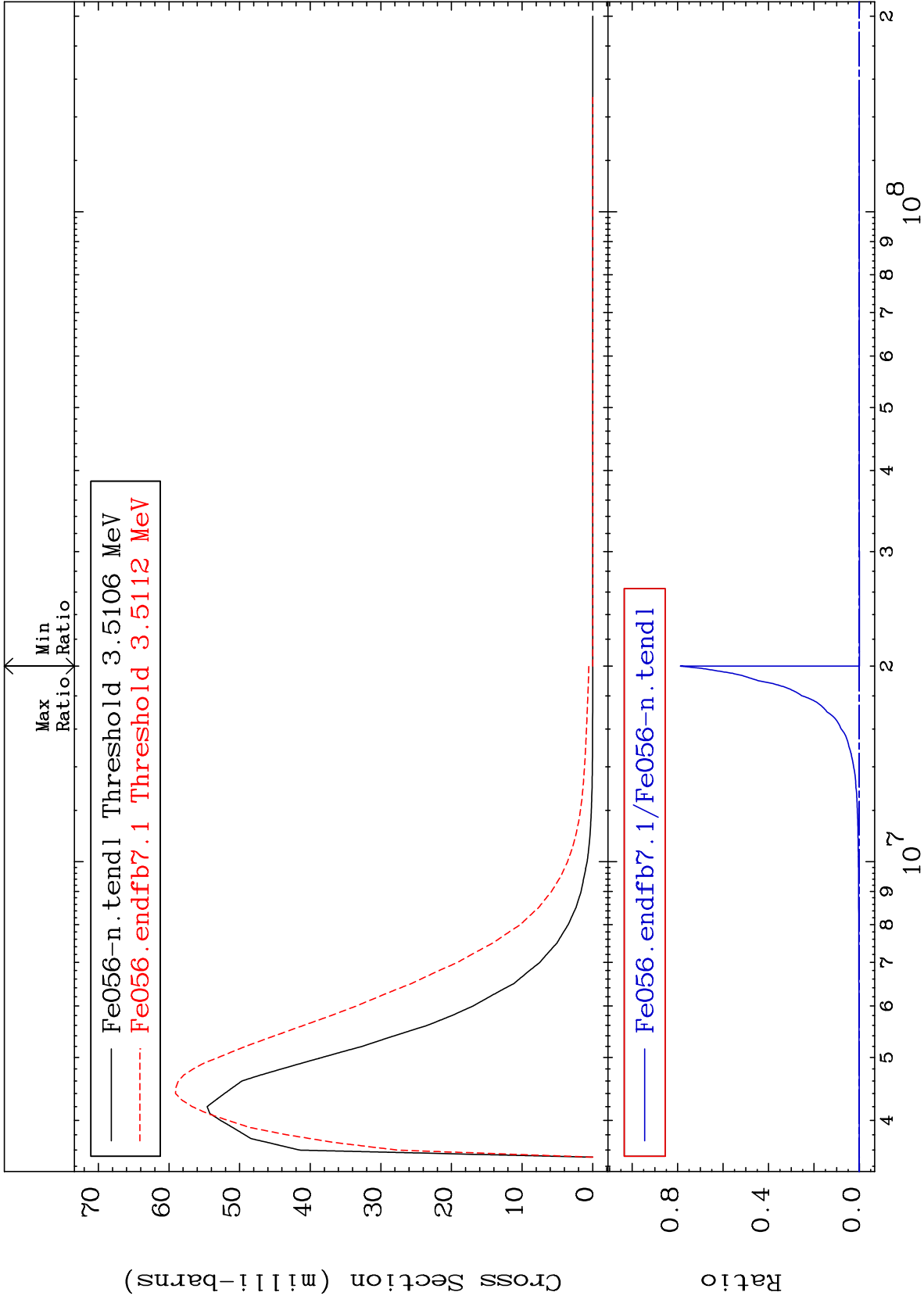
26-Fe-56  
-100.0 To 9999. %



MAT 2631

3.448 MeV (n,n') Level  
Cross Section

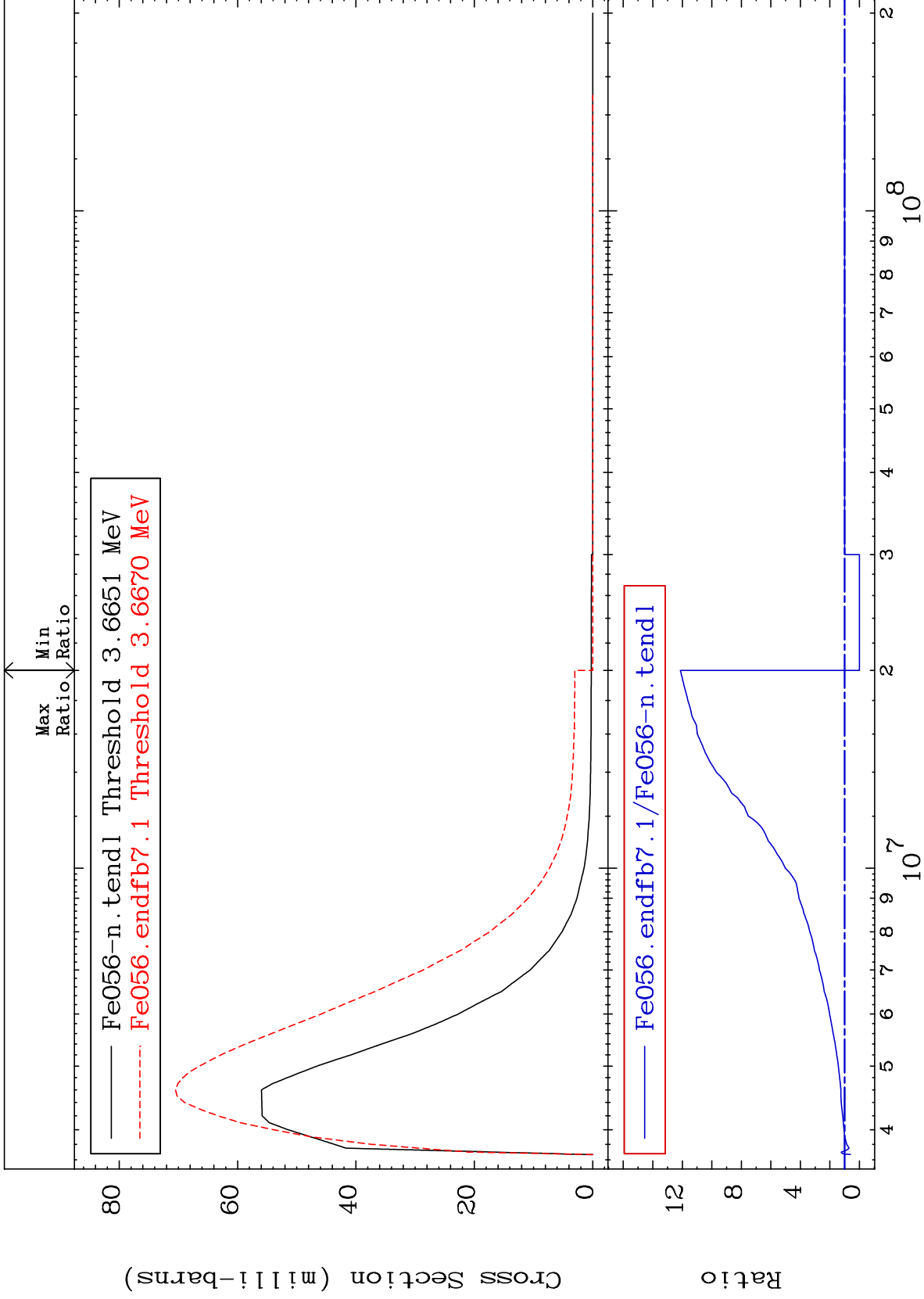
26-Fe-56  
-100.0 To 9999. %



MAT 2631

3.600 MeV (n,n') Level  
Cross Section

26-Fe-56  
-100.0 To 1113. %



19

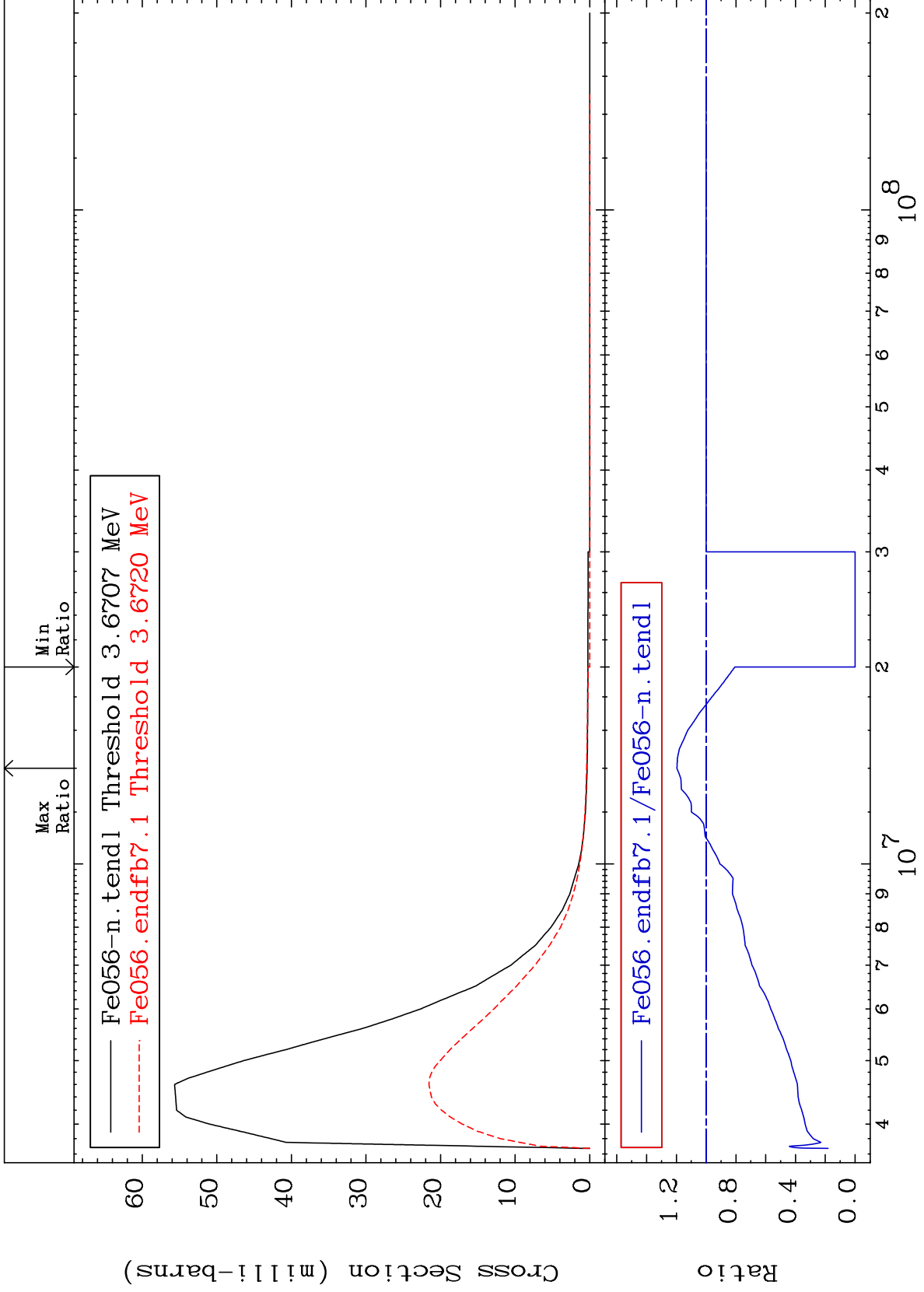
Incident Energy (eV)

26-Fe-56

MAT 2631

3.606 MeV (n,n') Level  
Cross Section

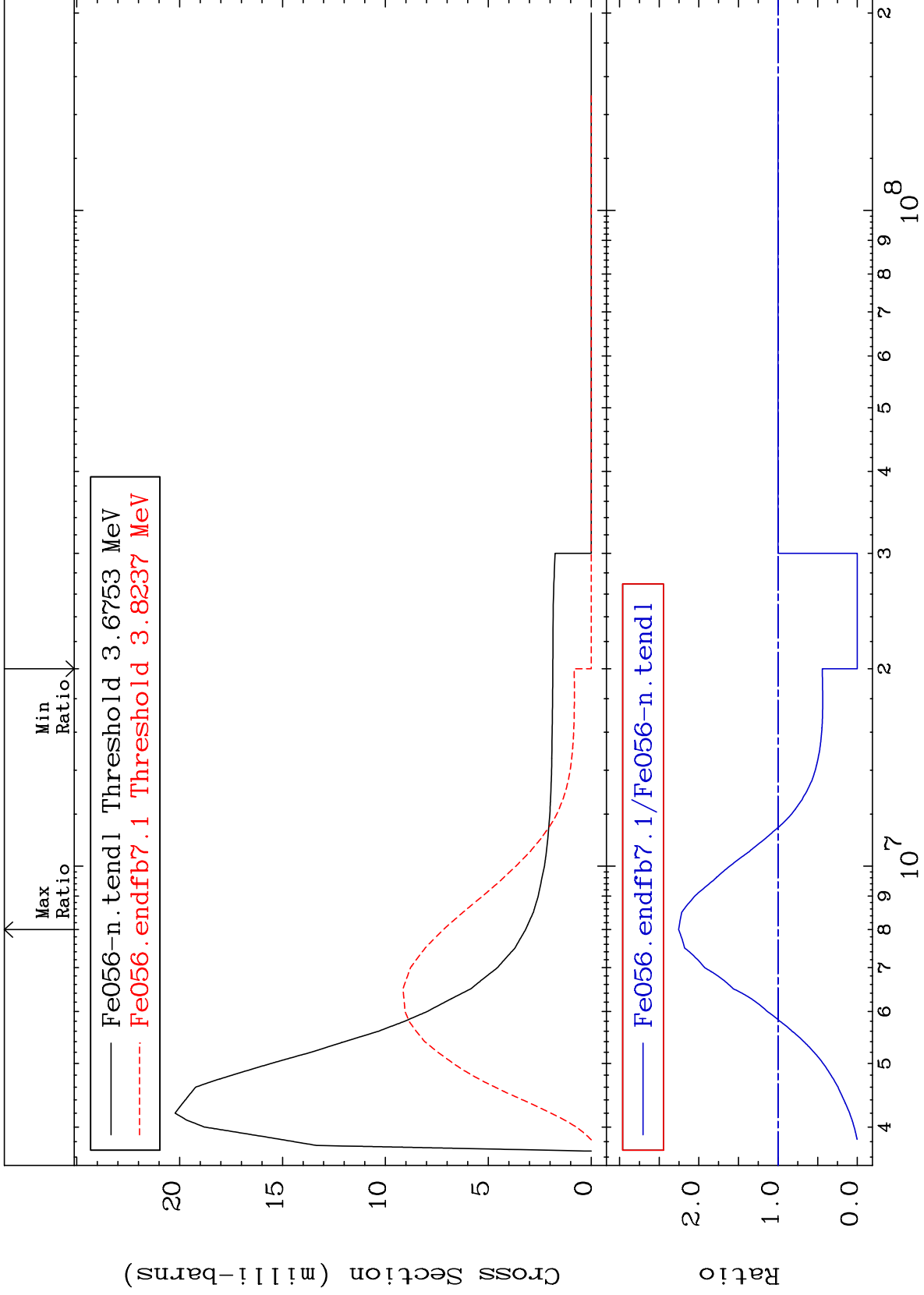
<sup>26</sup>Fe-56  
-100.0 To 19.63 %



MAT 2631

3.610 MeV (n,n') Level  
Cross Section

26-Fe-56  
-100.0 To 125.5 %



21

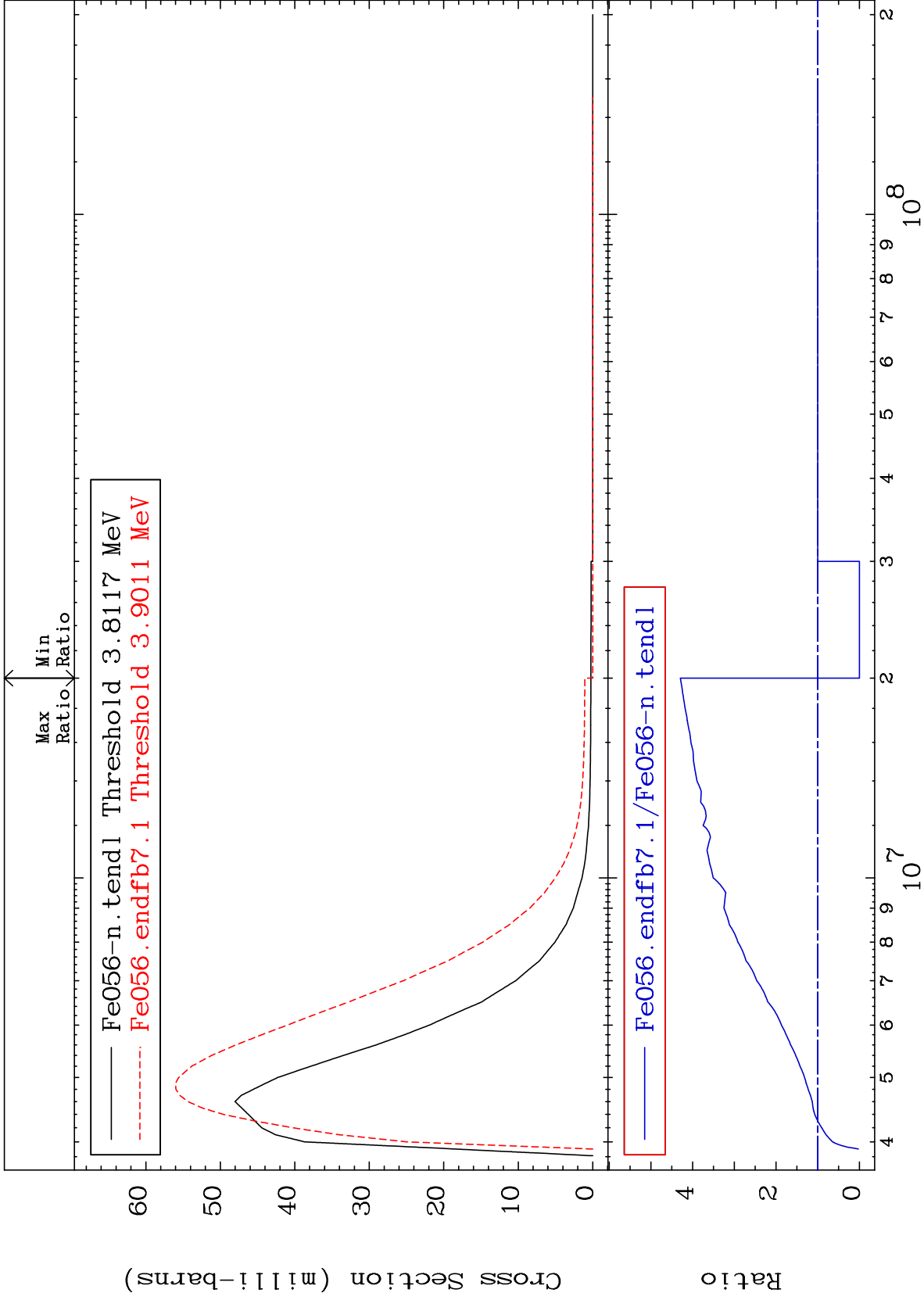
26-Fe-56

26-Fe-56

MAT 2631

3.744 MeV (n,n') Level  
Cross Section

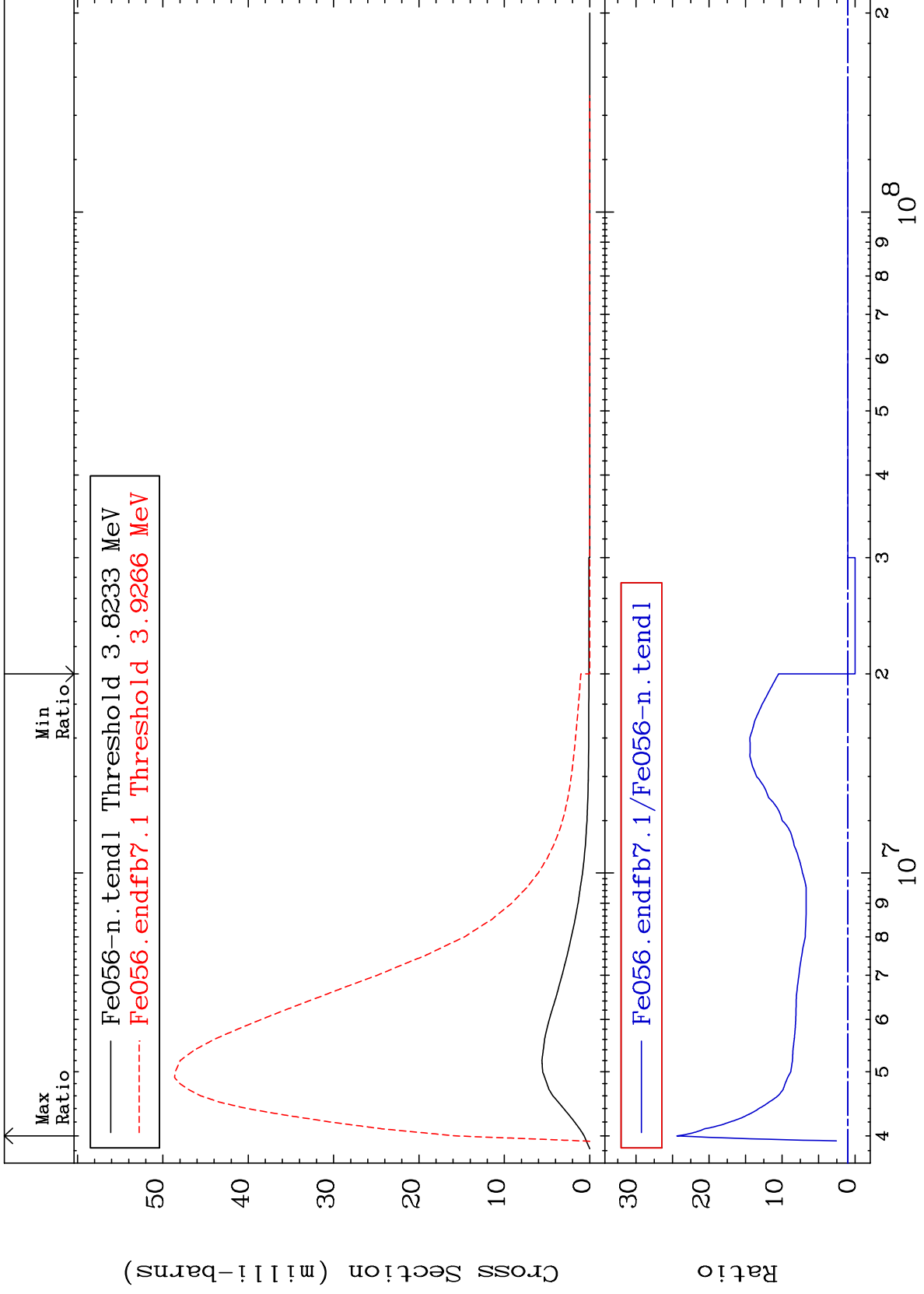
<sup>26</sup>Fe-56  
-100.0 To 329.3 %



MAT 2631

3.756 MeV (n,n') Level  
Cross Section

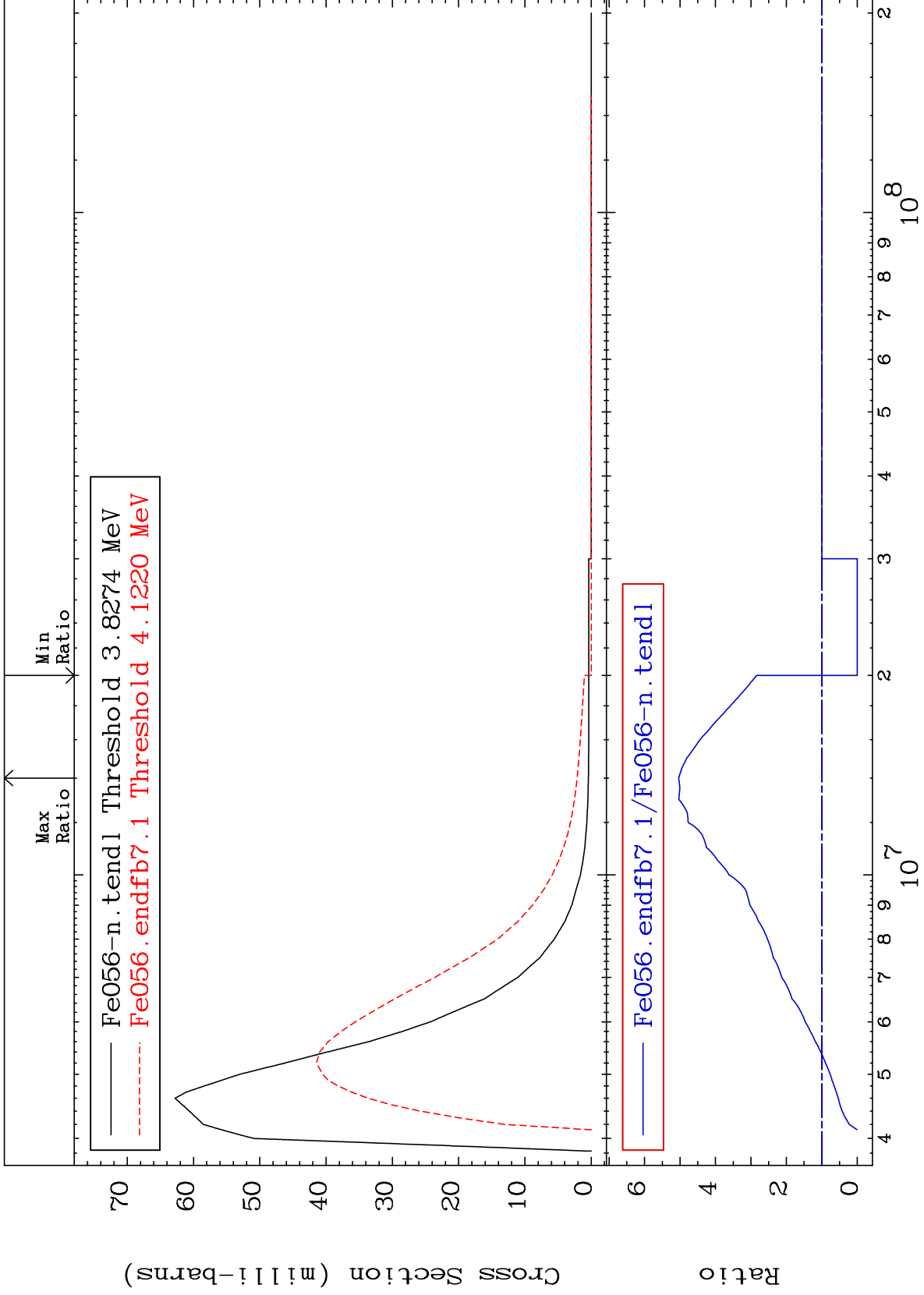
26-Fe-56  
-100.0 To 2340. %



MAT 2631

3.760 MeV (n,n') Level  
Cross Section

<sup>26</sup>Fe-56  
-100.0 To 403.9 %



24

Incident Energy (eV)

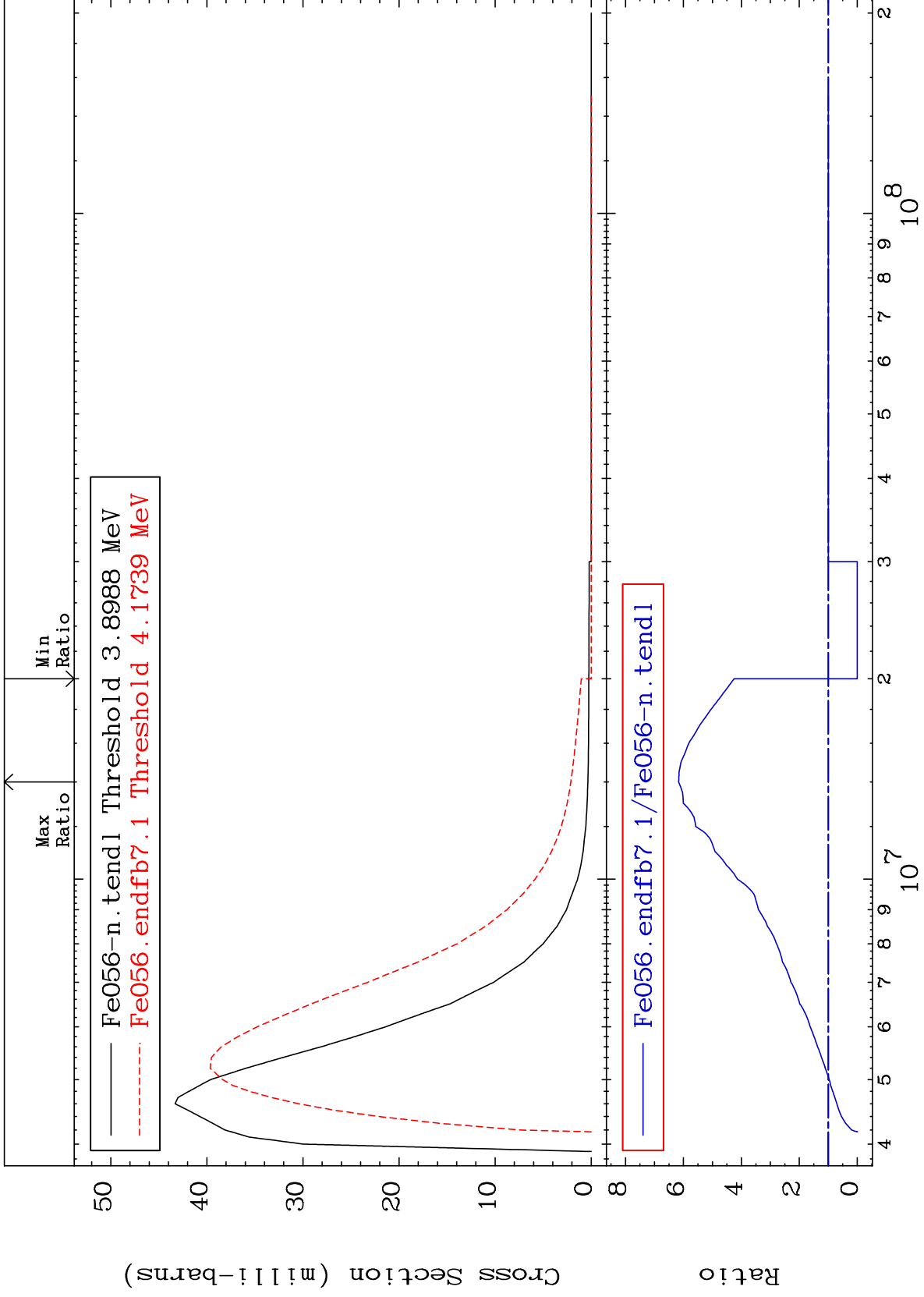
<sup>26</sup>Fe-56



MAT 2631

3.830 MeV (n,n') Level  
Cross Section

26-Fe-56  
-100.0 To 516.6 %



25

Incident Energy (eV)

26-Fe-56

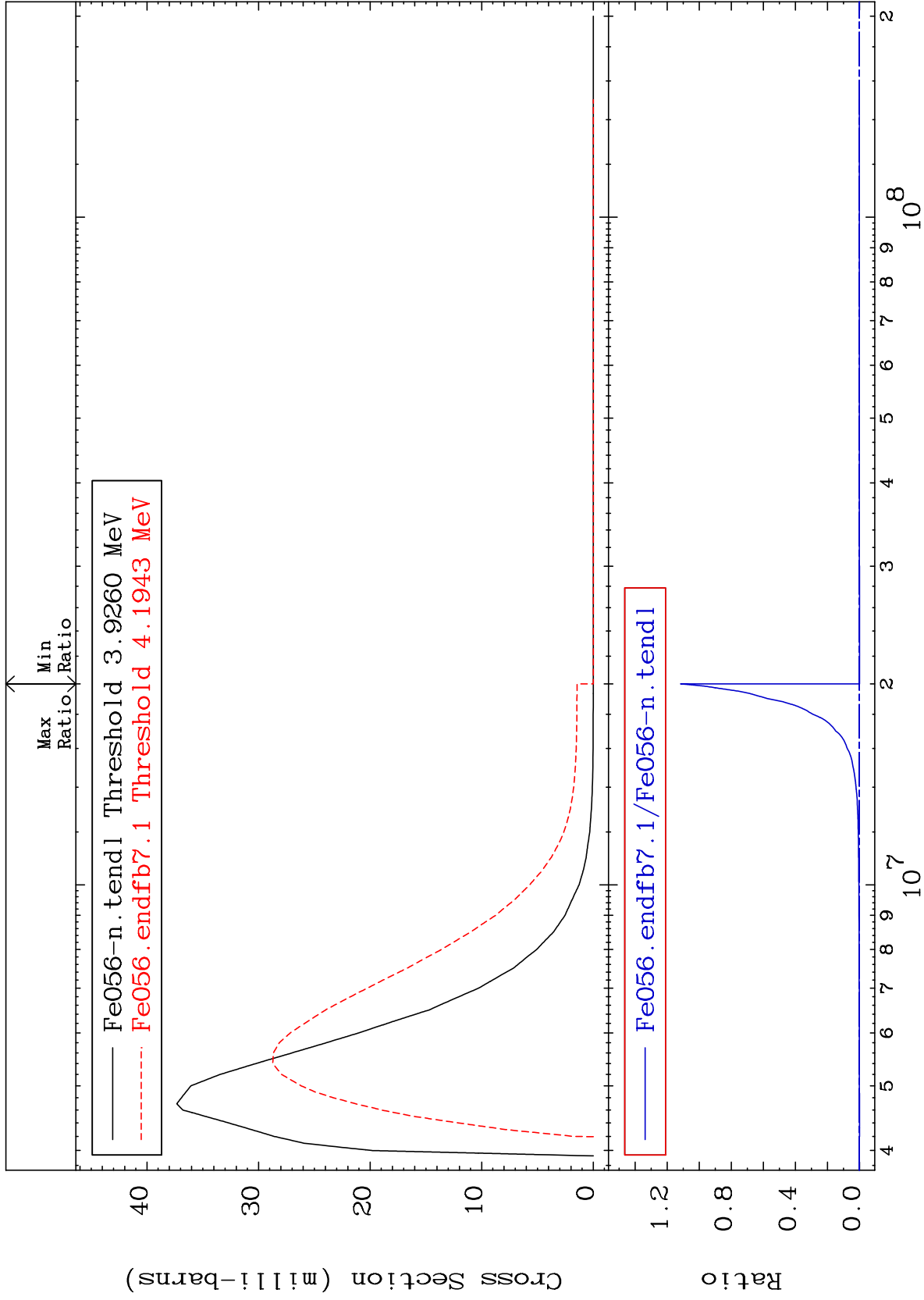
MAT 2631

3.856 MeV (n,n') Level

<sup>26</sup>Fe-56

-100.0 To 9999. %

Cross Section



26

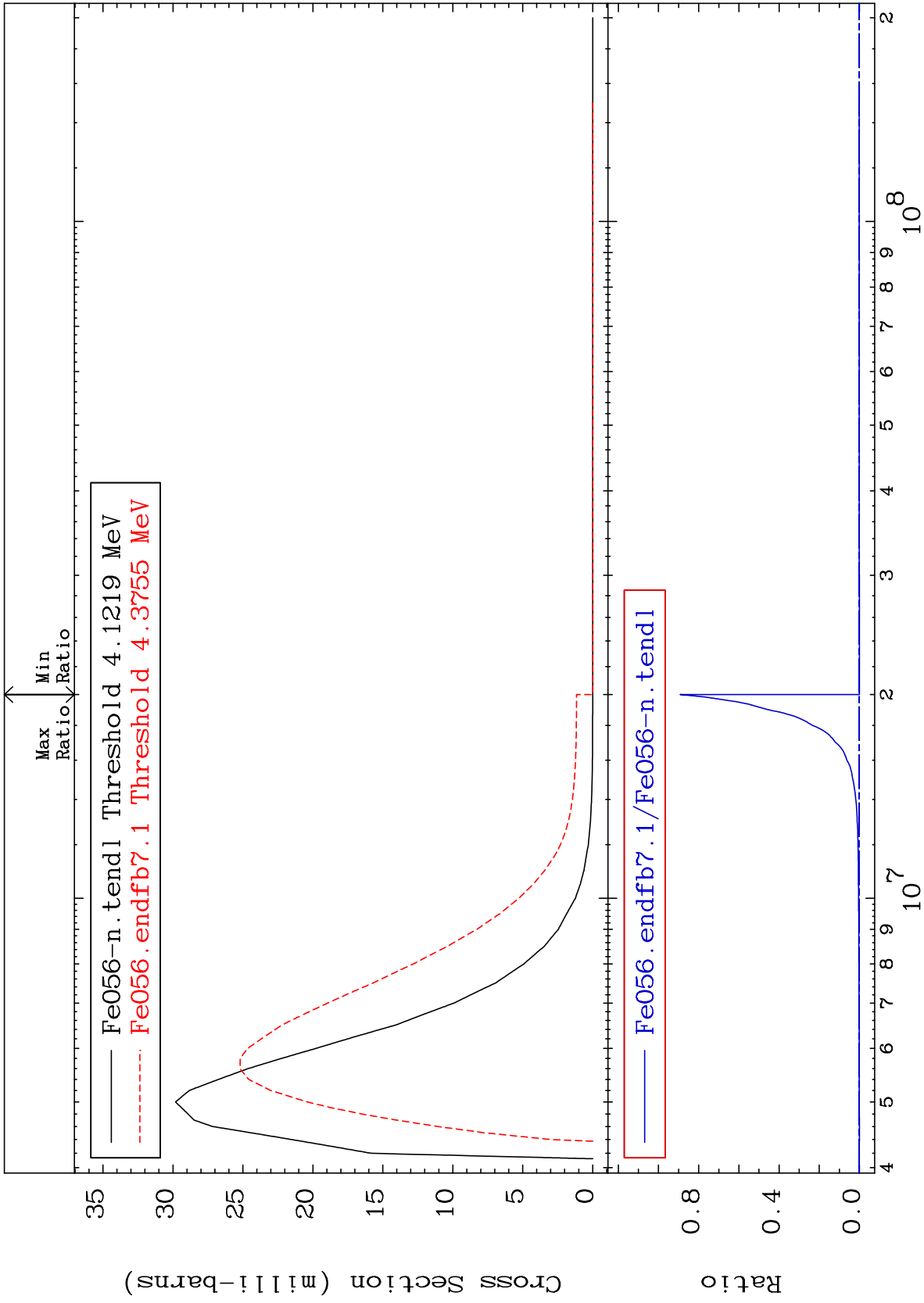
Incident Energy (eV)

<sup>26</sup>Fe-56

MAT 2631

4.049 MeV (n,n') Level  
Cross Section

26-Fe-56  
-100.0 To 9999. %



27

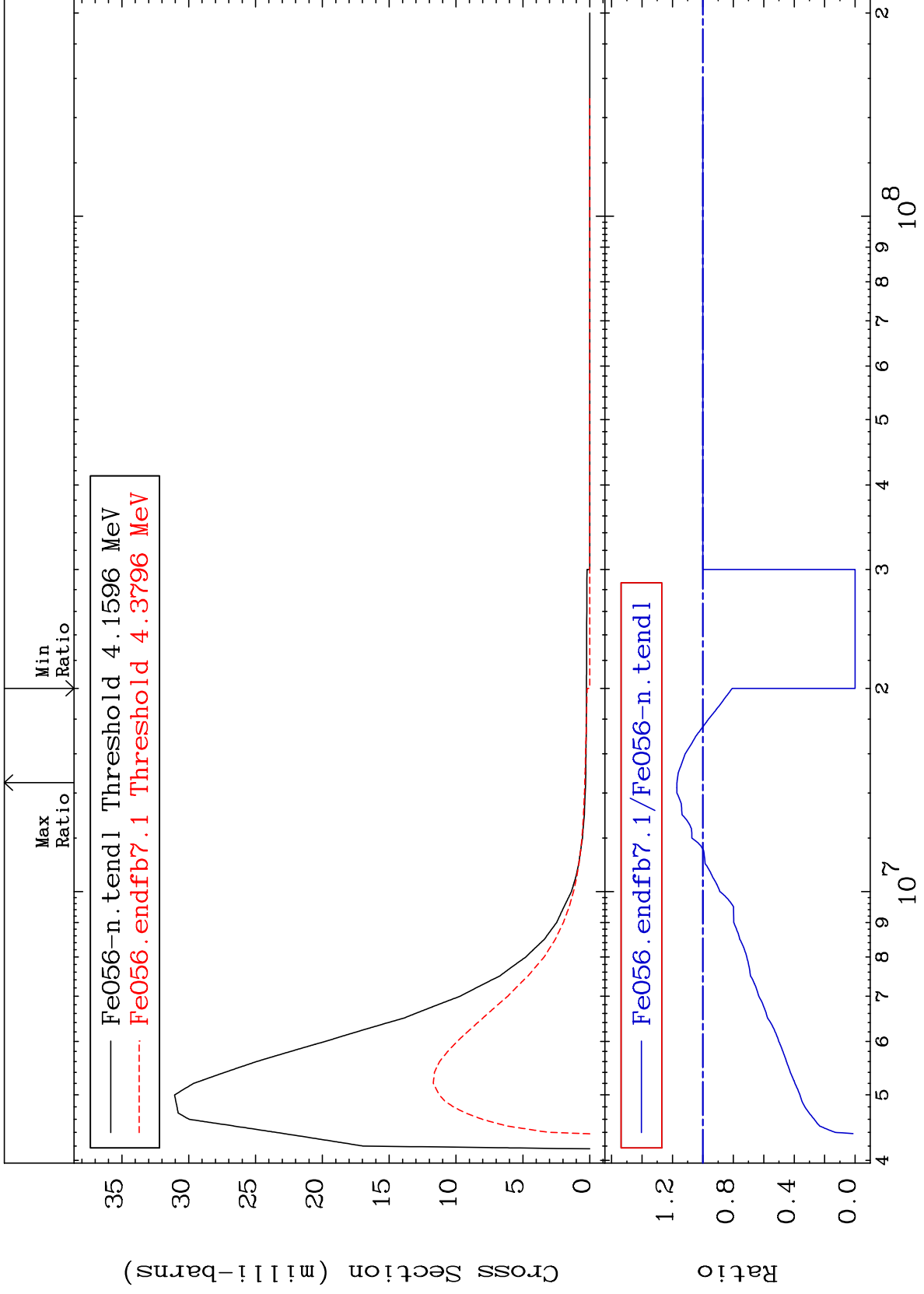
Incident Energy (eV)

26-Fe-56

MAT 2631

4.086 MeV (n,n') Level  
Cross Section

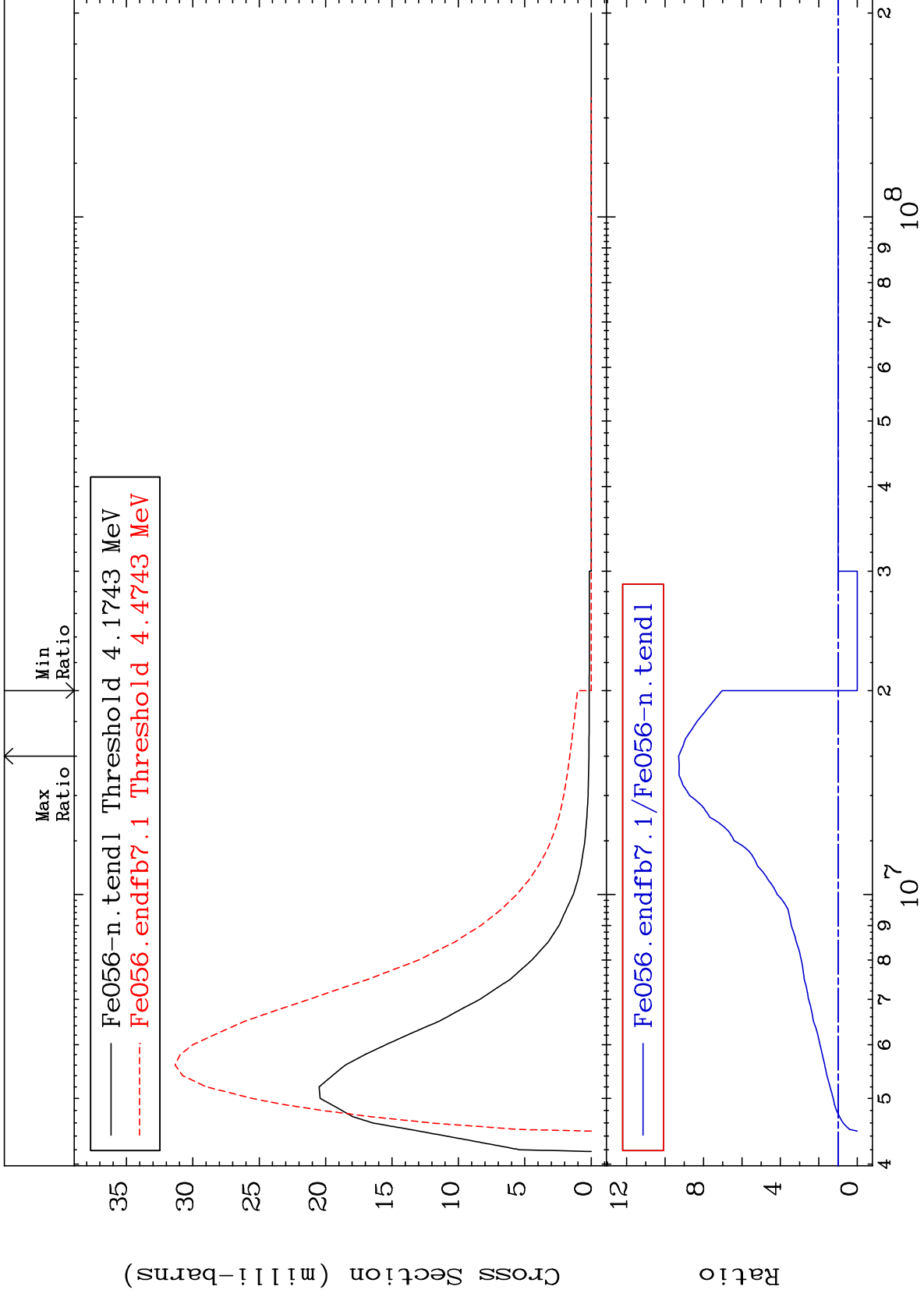
<sup>26</sup>Fe-56  
-100.0 To 17.06 %



MAT 2631

4.100 MeV (n,n') Level  
Cross Section

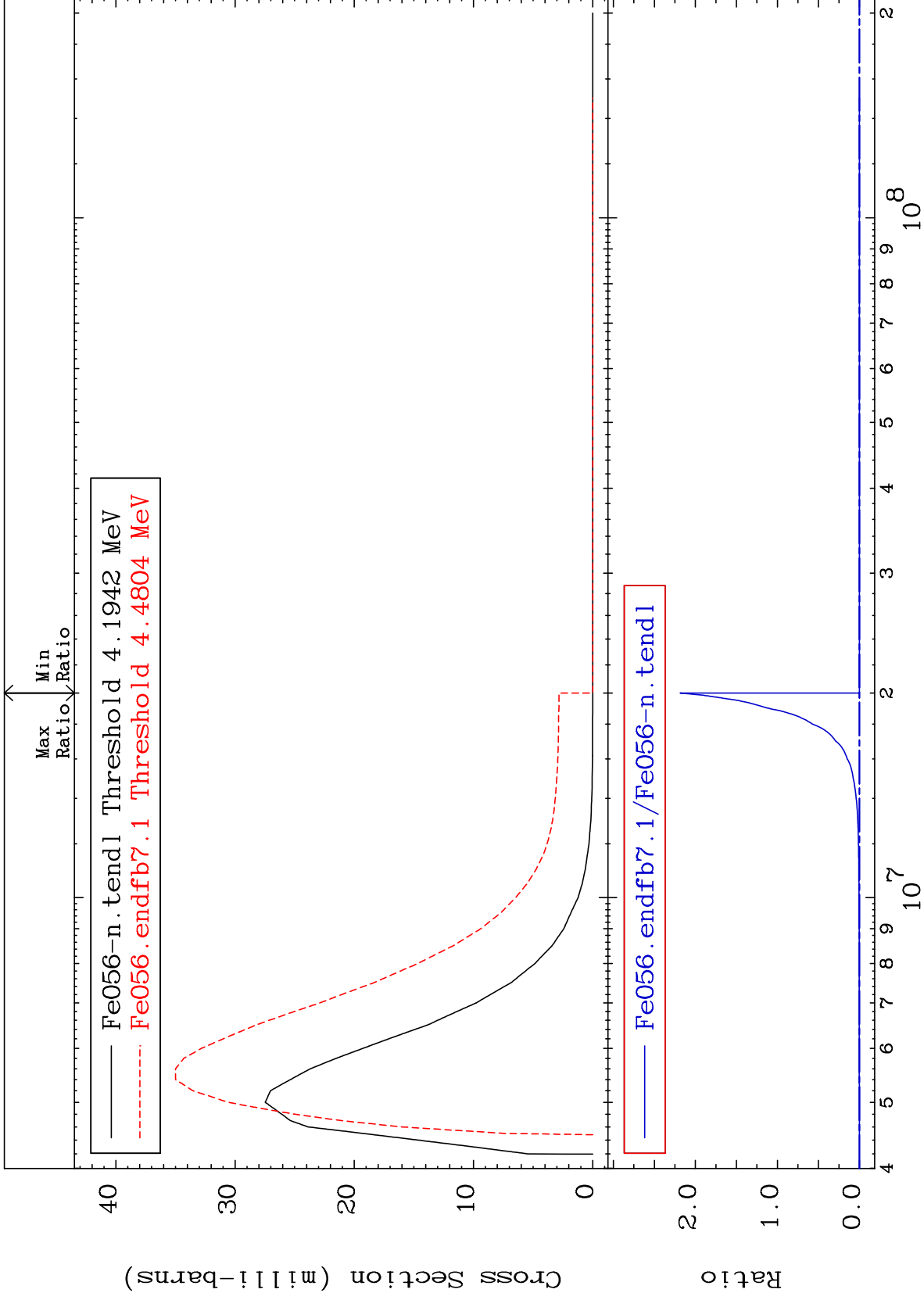
<sup>26</sup>Fe-56  
-100.0 To 829.2 %



MAT 2631

4.120 MeV (n,n') Level  
Cross Section

26-Fe-56  
-100.0 To 9999. %



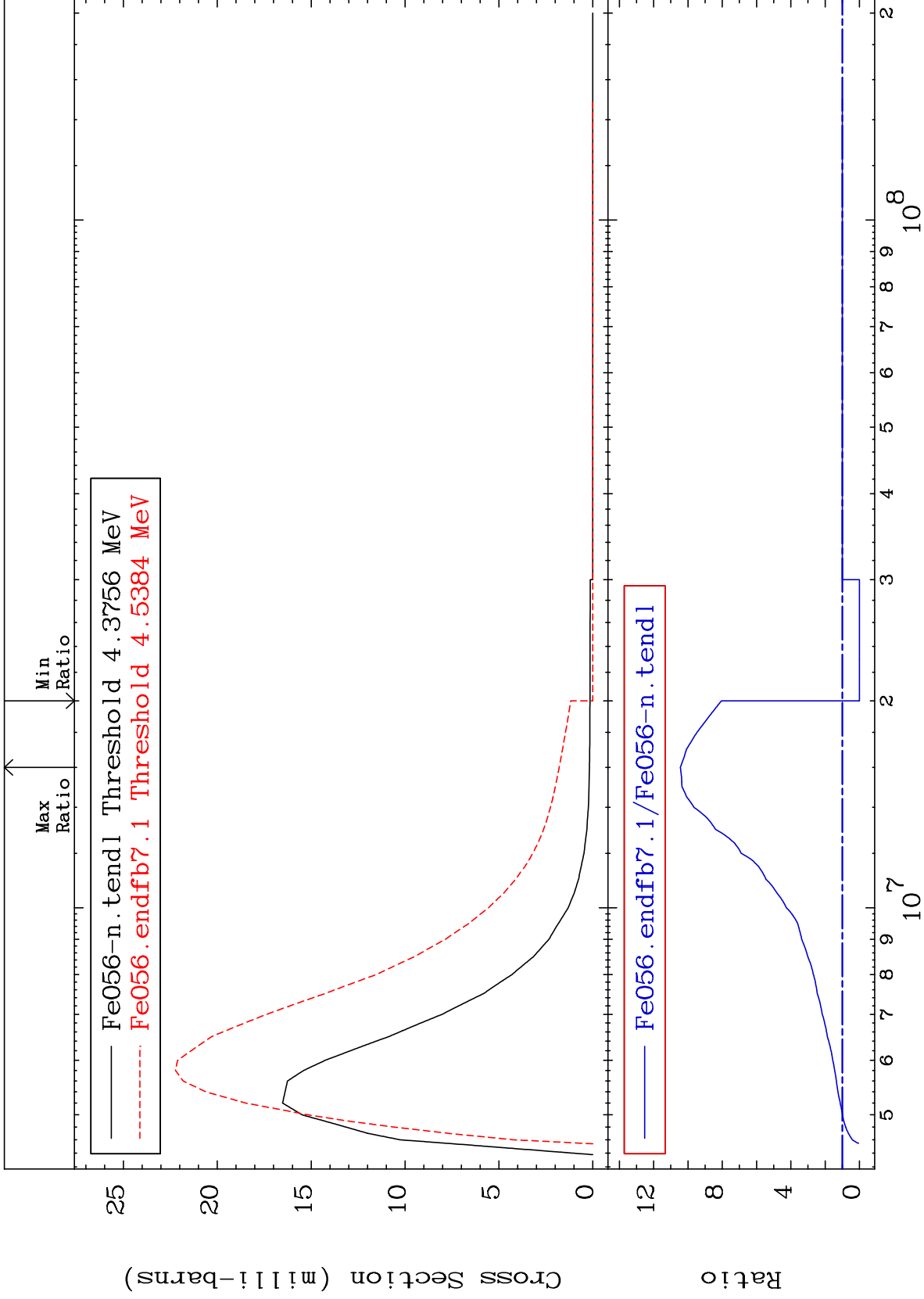
30

26-Fe-56

MAT 2631

4.298 MeV (n,n') Level  
Cross Section

26-Fe-56  
-100.0 To 944.2 %



31

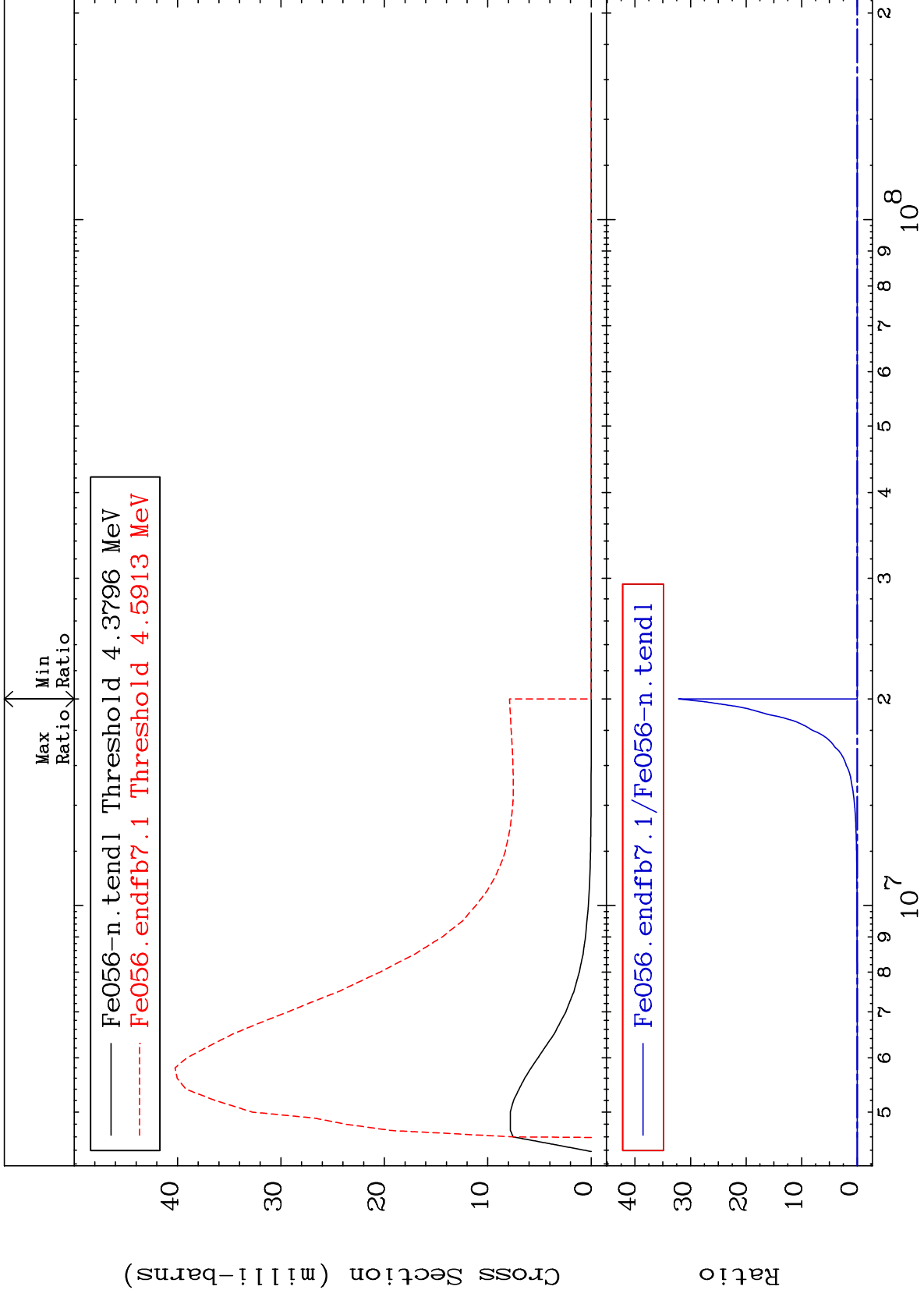
Incident Energy (eV)

26-Fe-56

MAT 2631

4.302 MeV (n,n') Level  
Cross Section

26-Fe-56  
-100.0 To 9999. %

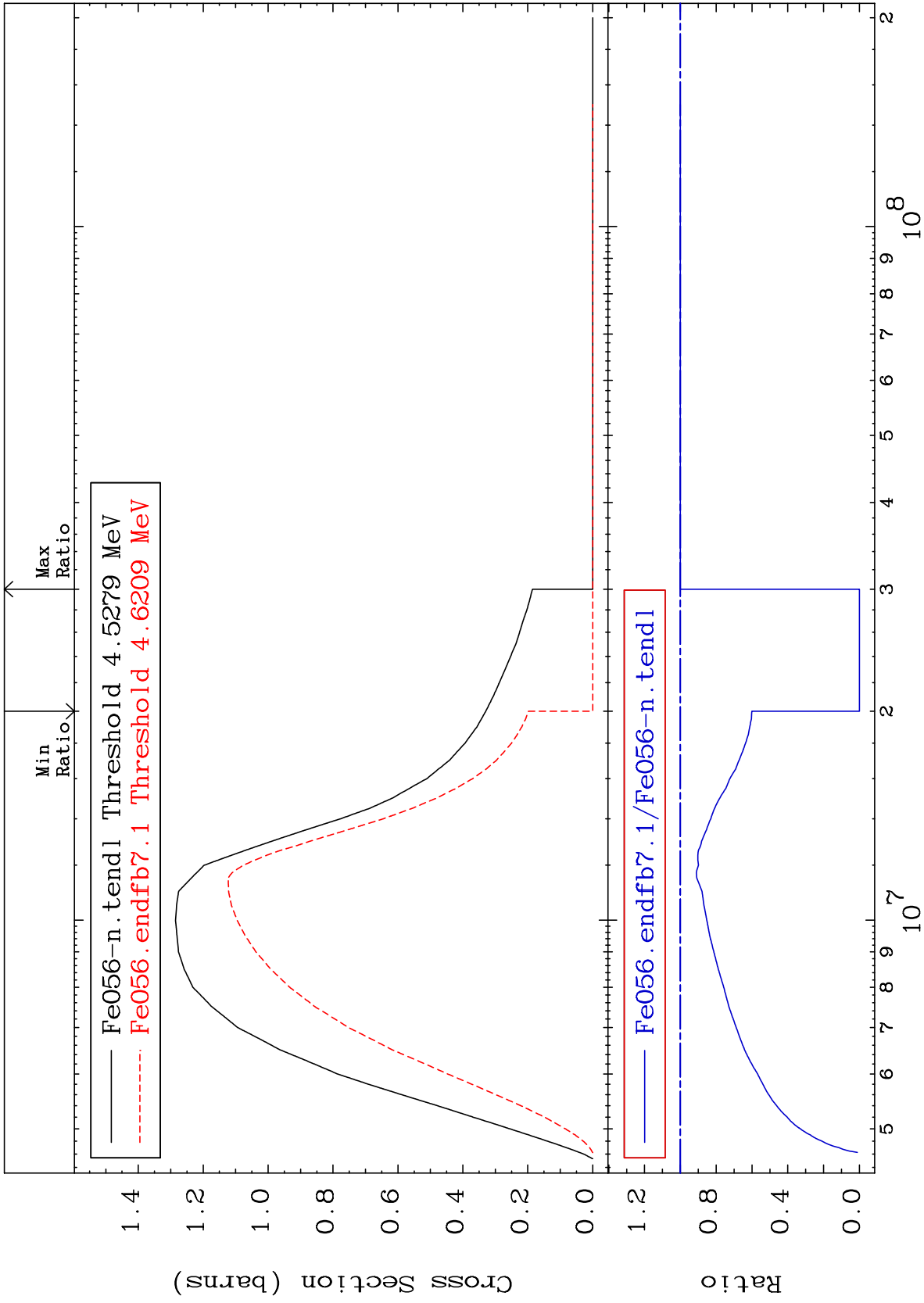


32

Incident Energy (eV)

26-Fe-56

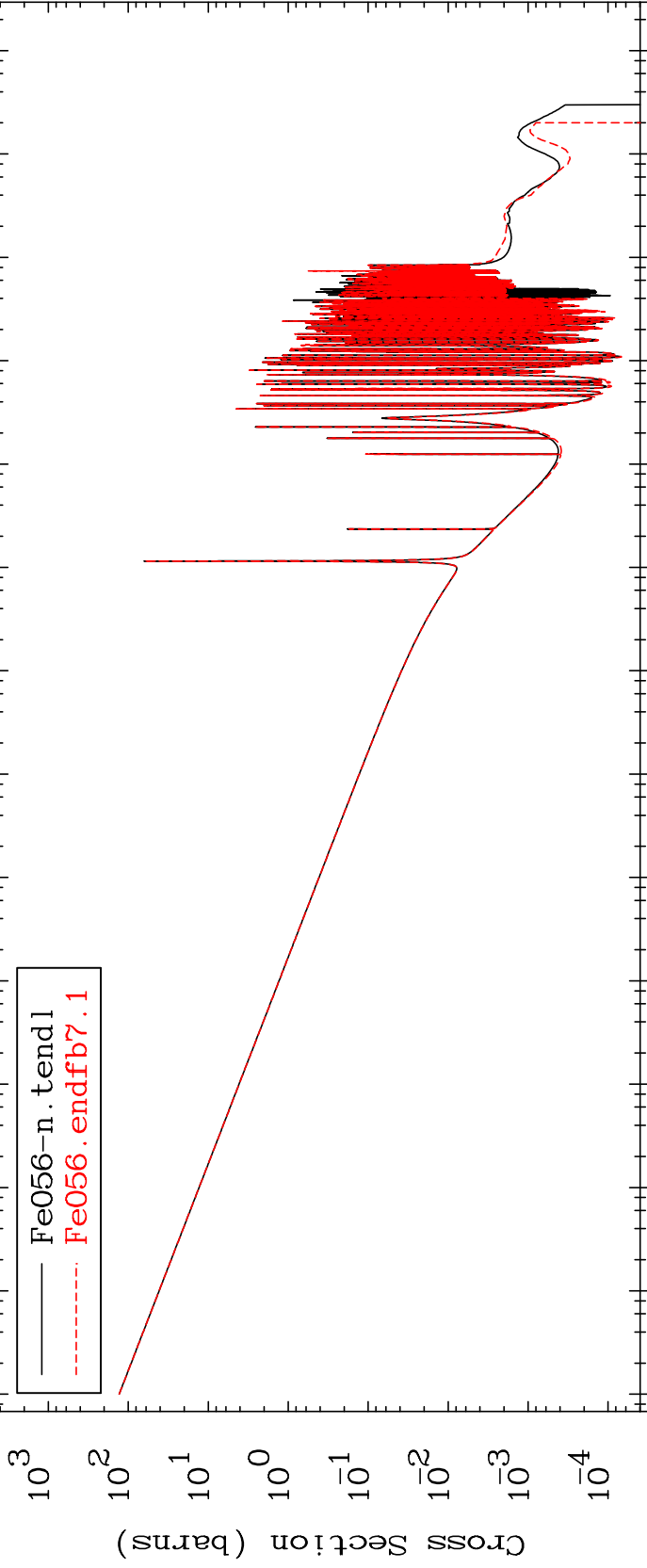




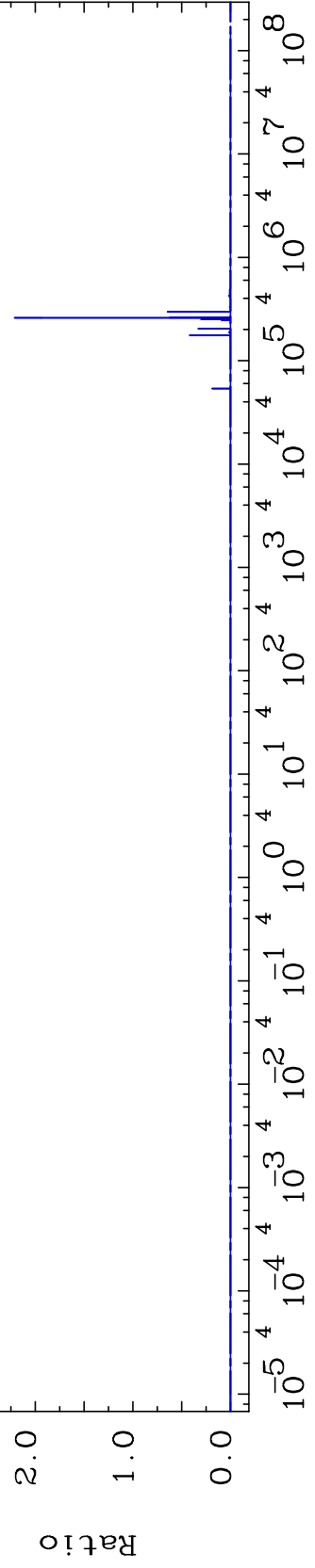
MAT 2631

(n,  $\gamma$ )  
Cross Section

26-Fe-56  
-100.0 To 9999. %



Fe056.endfb7.1/Fe056-n.tendl



Incident Energy (eV)

26-Fe-56

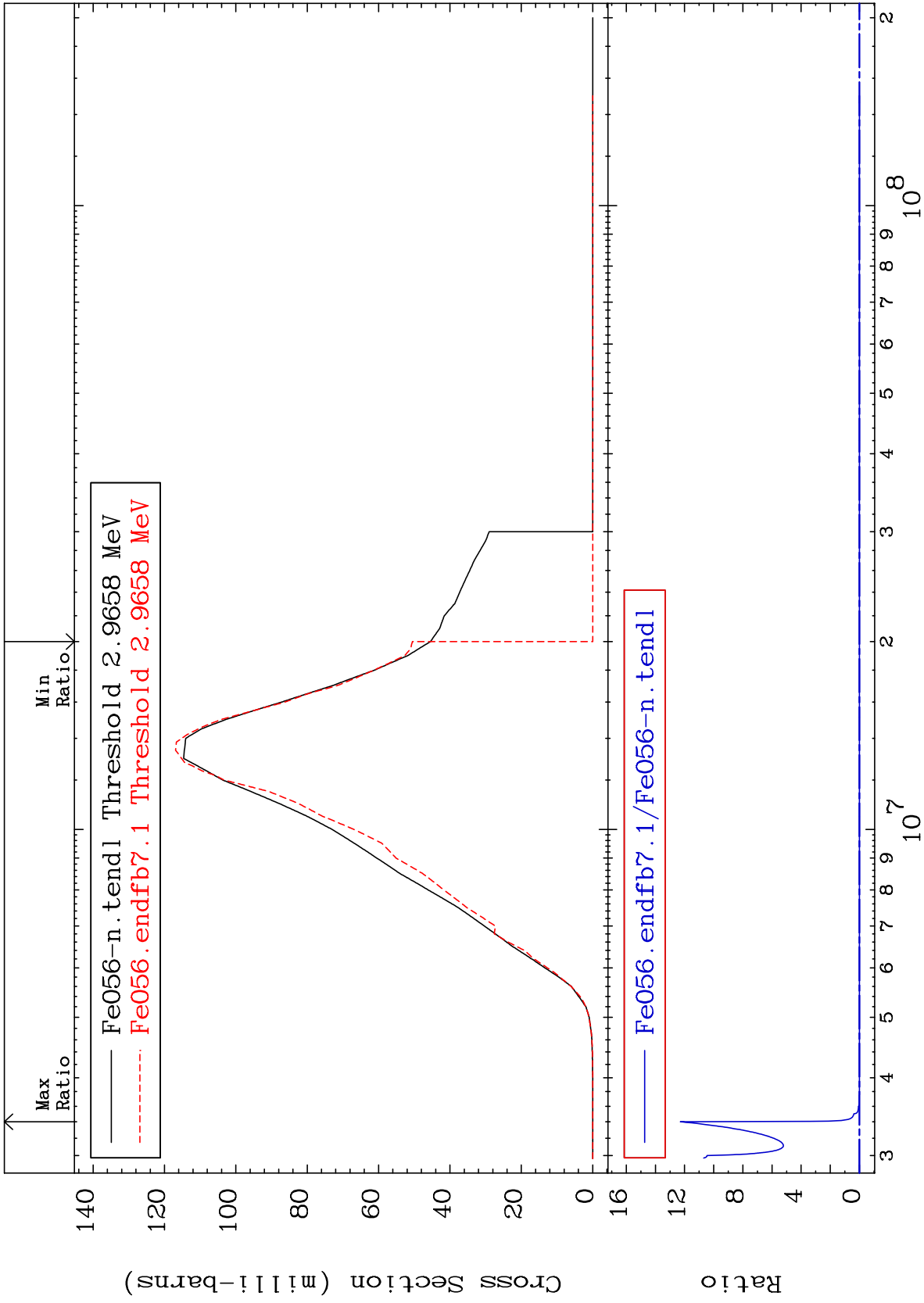
MAT 2631

(n,p)

<sup>26</sup>Fe-56

Cross Section

-100.0 To 9999. %



35

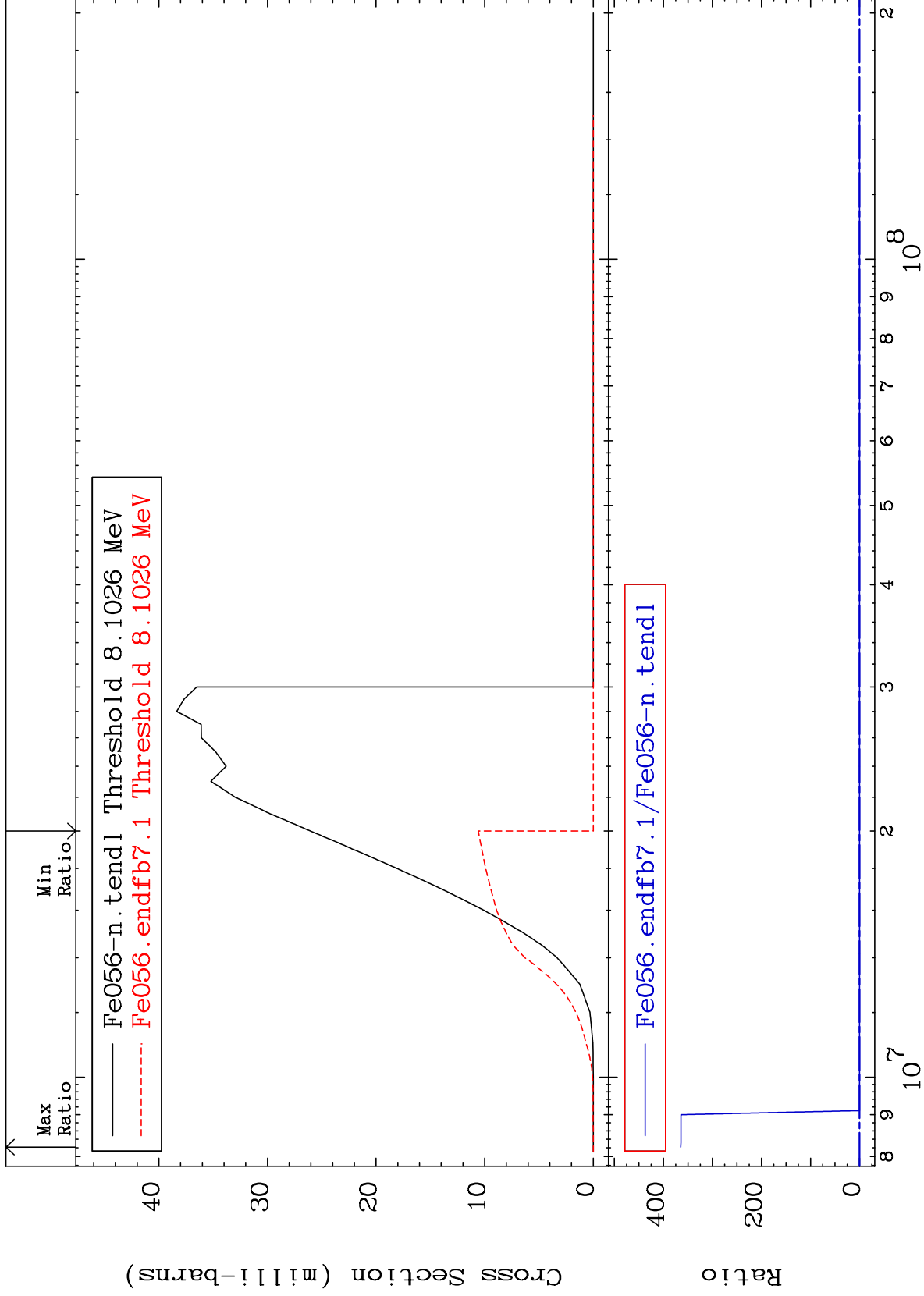
Incident Energy (eV)

<sup>26</sup>Fe-56

MAT 2631

(n, d)  
Cross Section

<sup>26</sup>Fe-56  
-100.0 To 9999. %



36

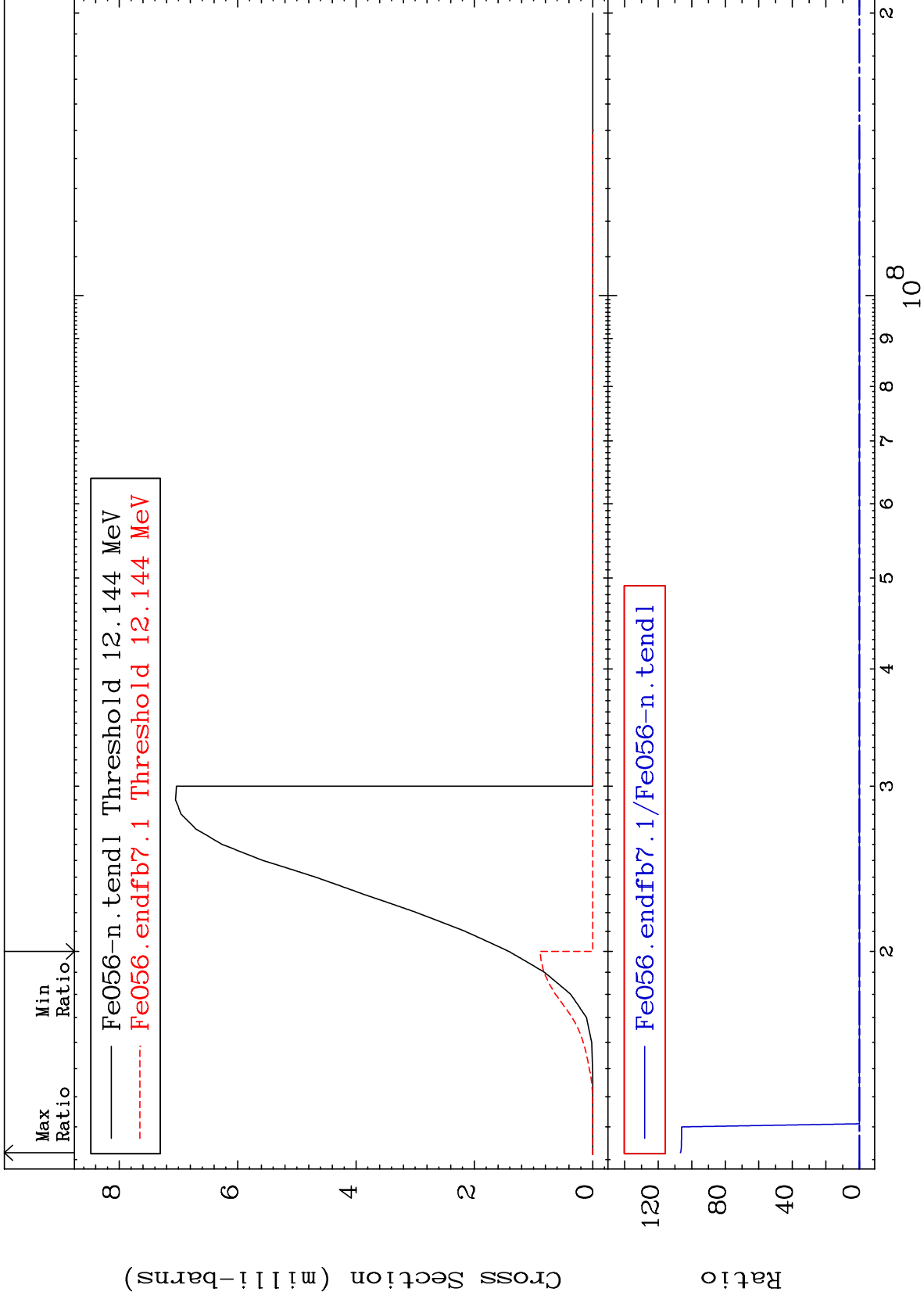
Incident Energy (eV)

<sup>26</sup>Fe-56

MAT 2631

(n, t)  
Cross Section

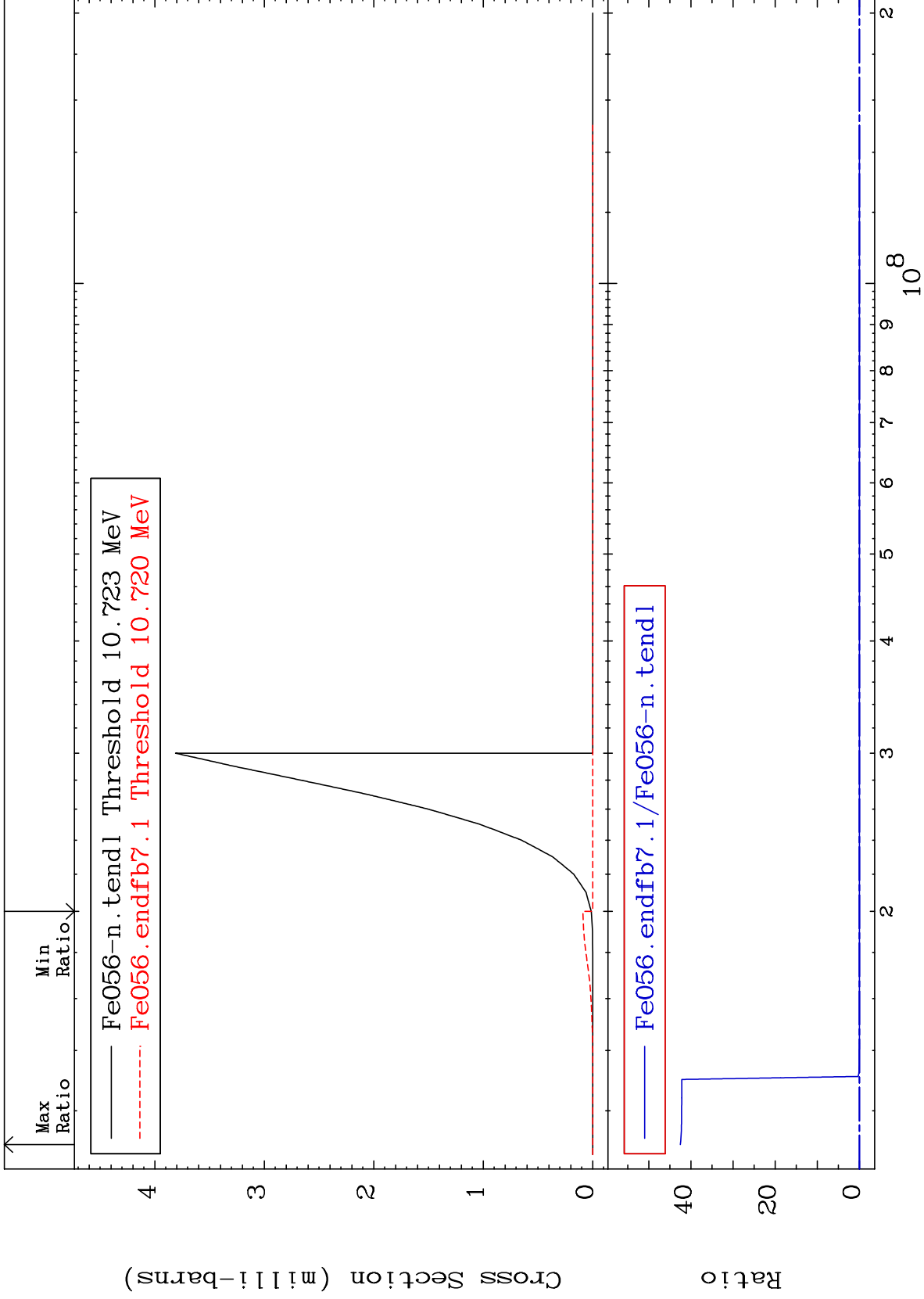
26-Fe-56  
-100.0 To 9999. %



37

Incident Energy (eV)

26-Fe-56



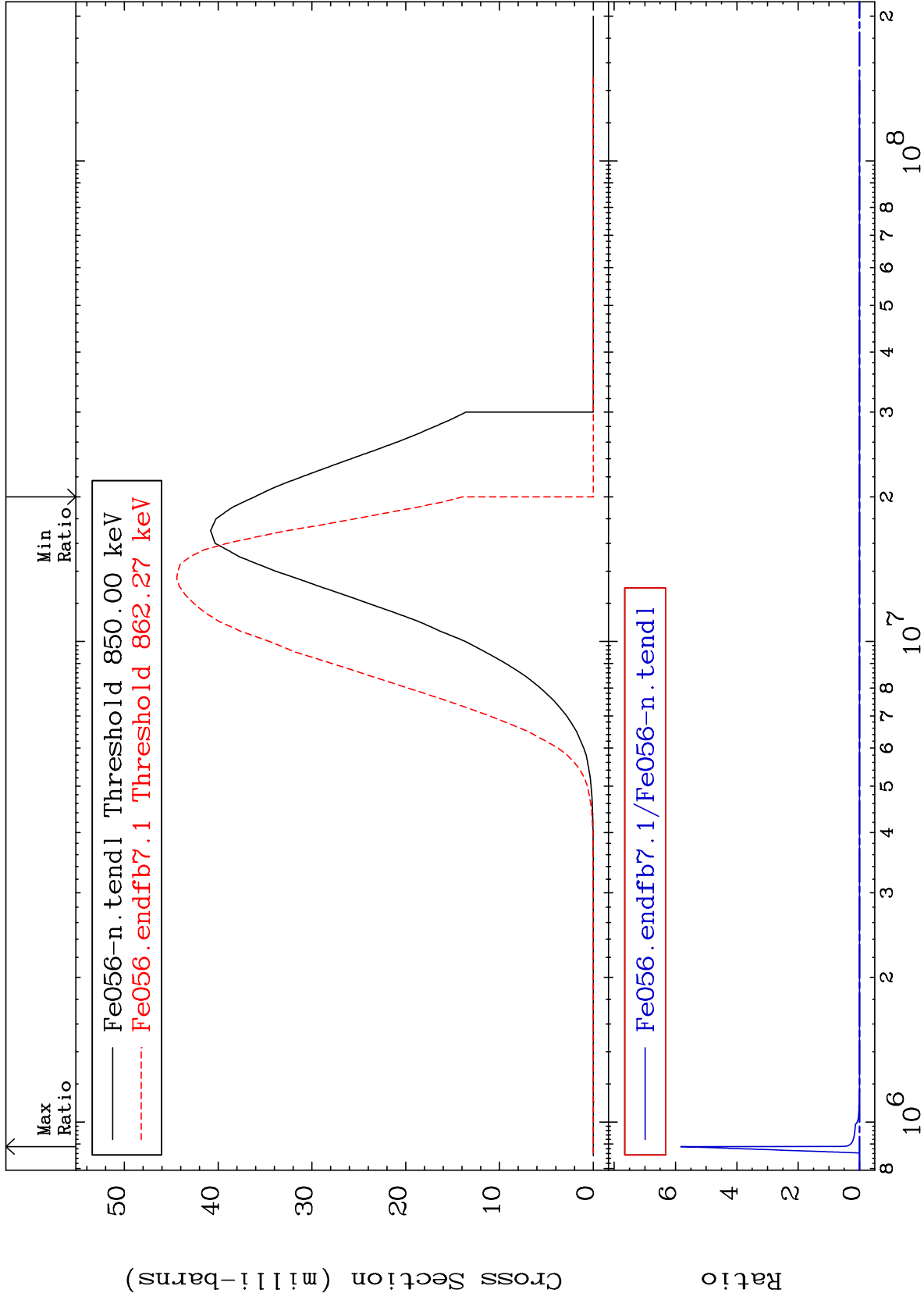
MAT 2631

(n,  $\alpha$ )

<sup>26</sup>Fe-56

Cross Section

-100.0 To 9999. %



39

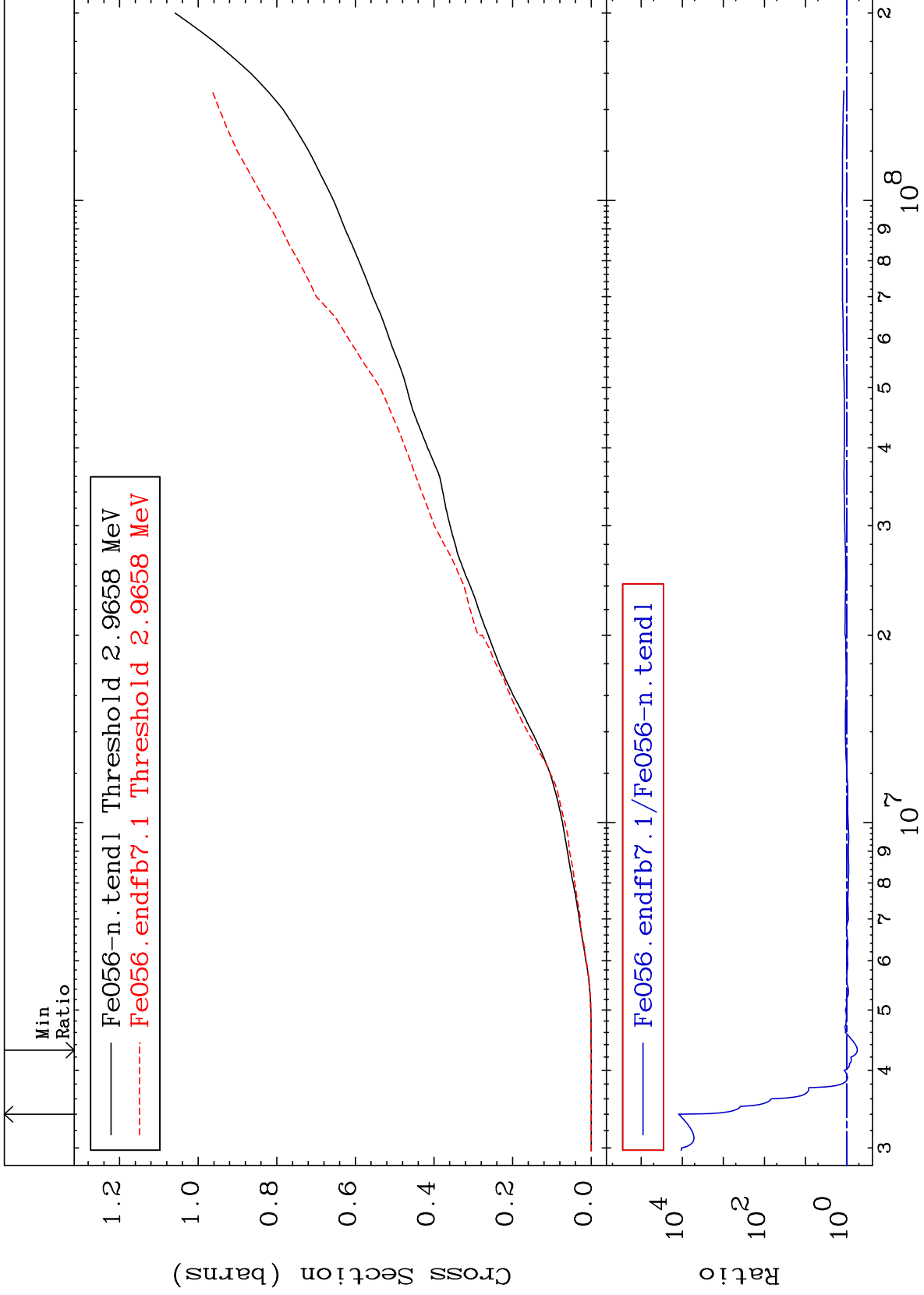
Incident Energy (eV)

<sup>26</sup>Fe-56

MAT 2631

Hydrogen Production  
Cross Section

<sup>26</sup>Fe-56  
-45.06 To 9999. %



40

Incident Energy (eV)

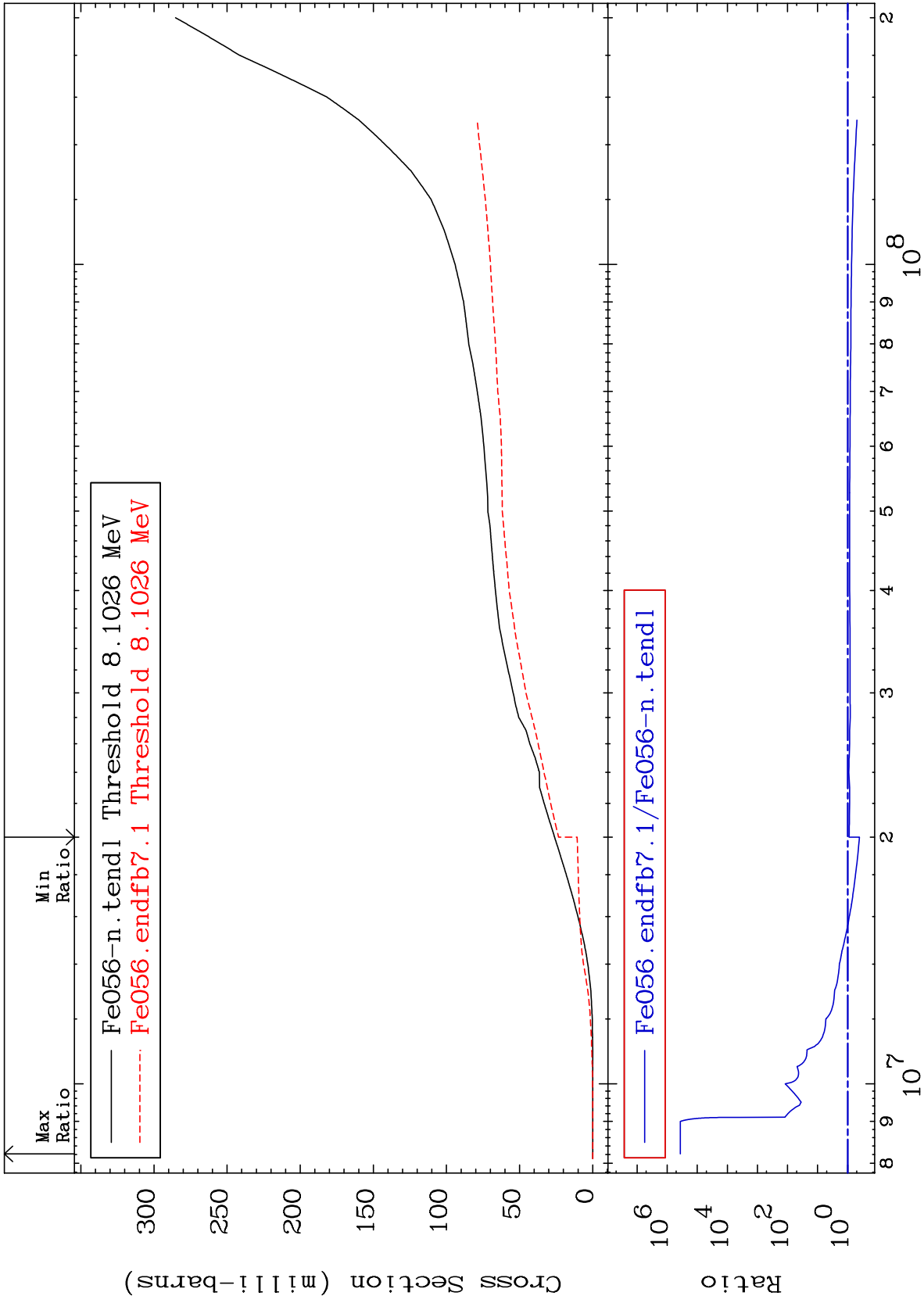
<sup>26</sup>Fe-56



MAT 2631

Deuterium Production  
Cross Section

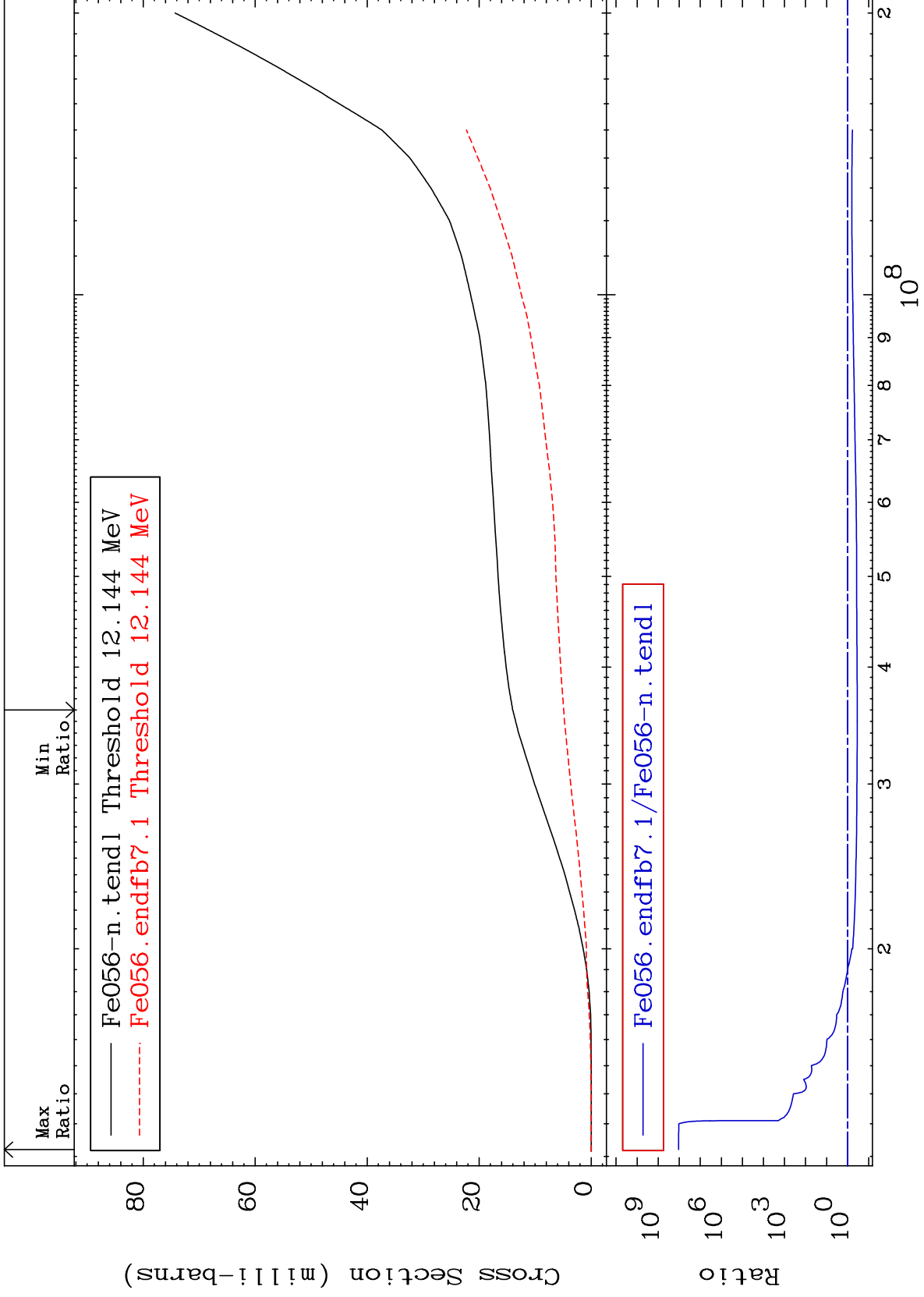
<sup>26</sup>Fe-56  
-59.31 To 9999. %



MAT 2631

Tritium Production  
Cross Section

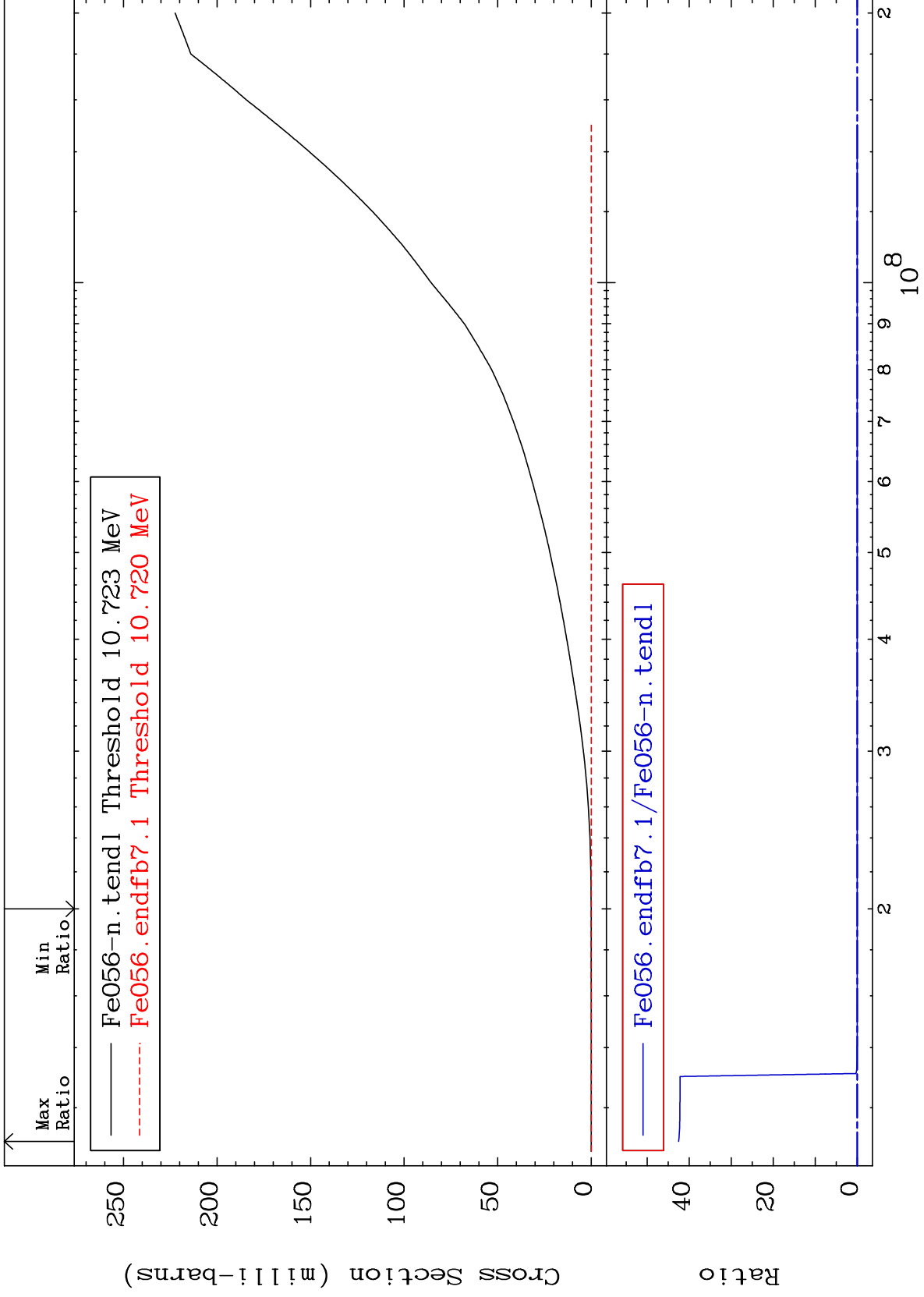
<sup>26</sup>Fe-56  
-64.95 To 9999. %

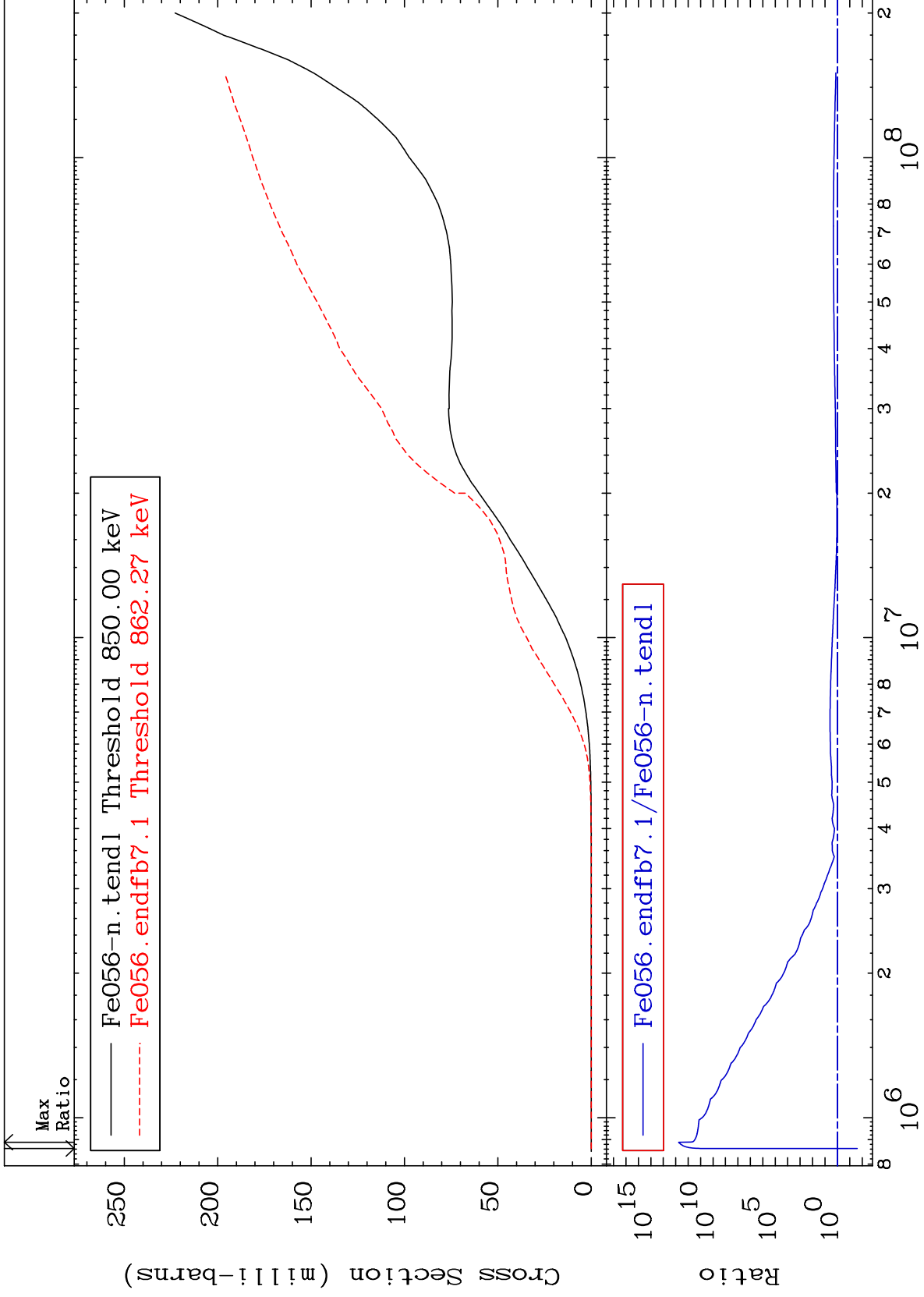


MAT 2631

He-3 Production  
Cross Section

<sup>26</sup>Fe-56  
-100.0 To 9999. %

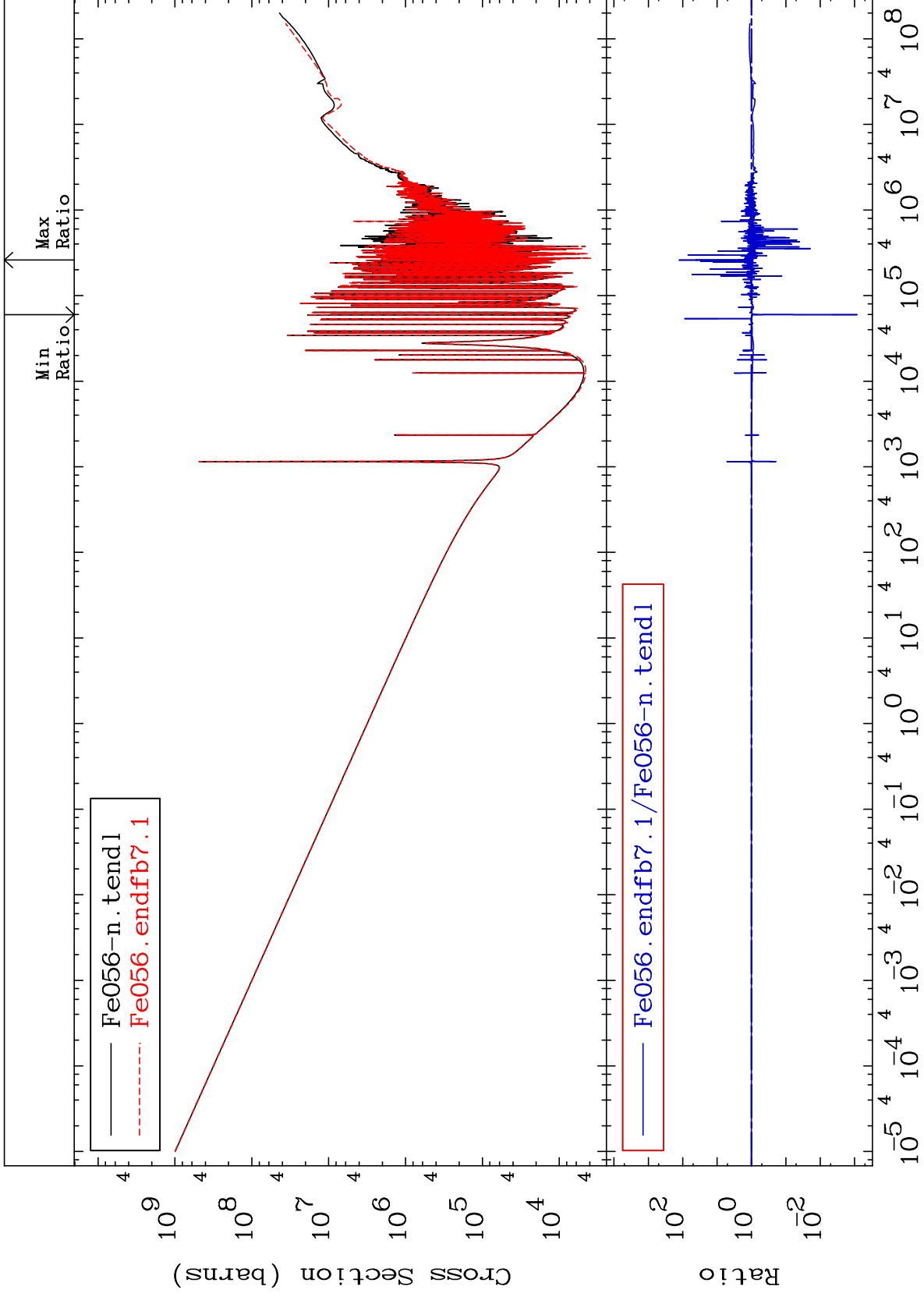




MAT 2631

Kerma total (eV-barns)  
Cross Section

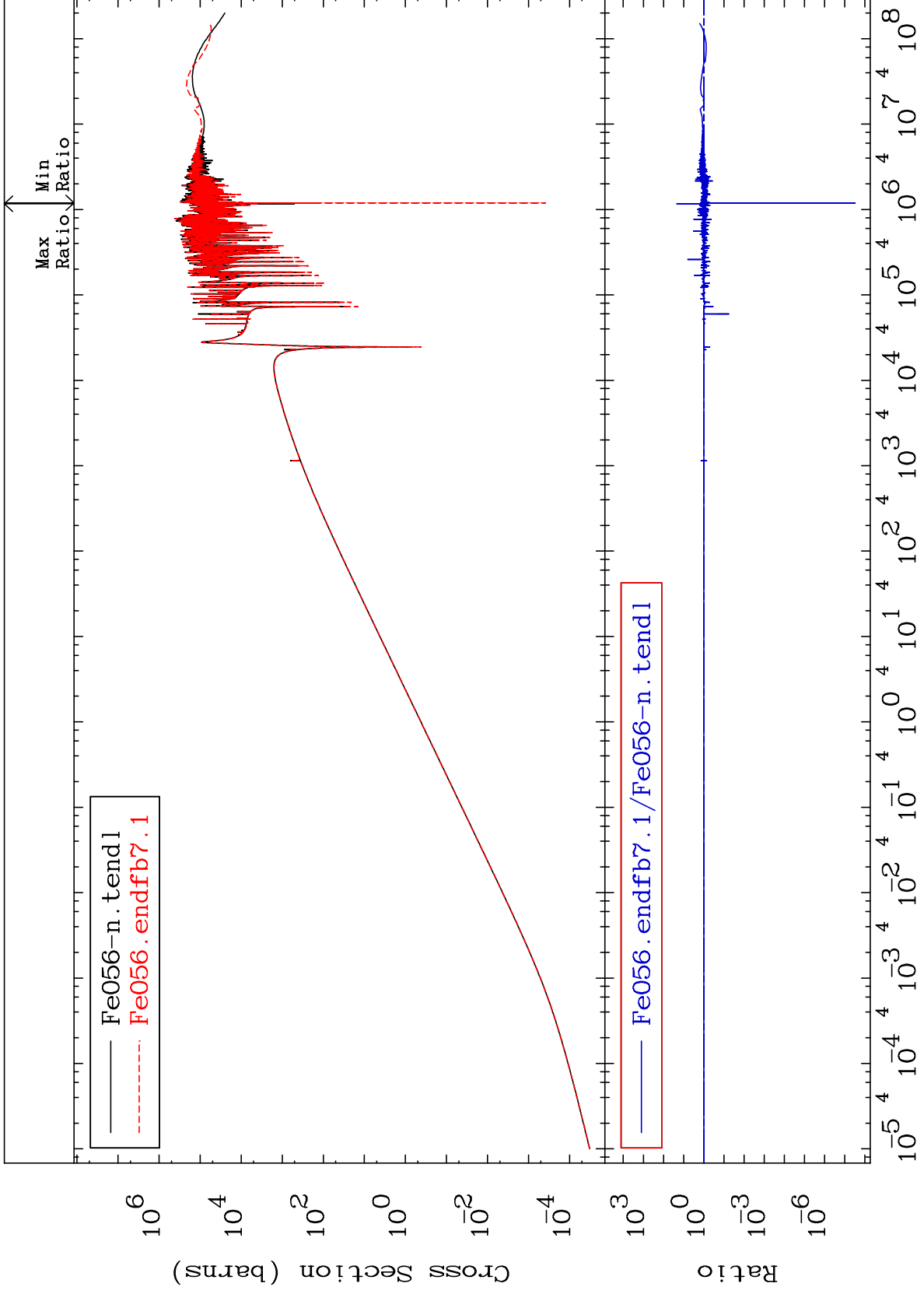
26-Fe-56  
-99.92 To 9999. %



45

Incident Energy (eV)

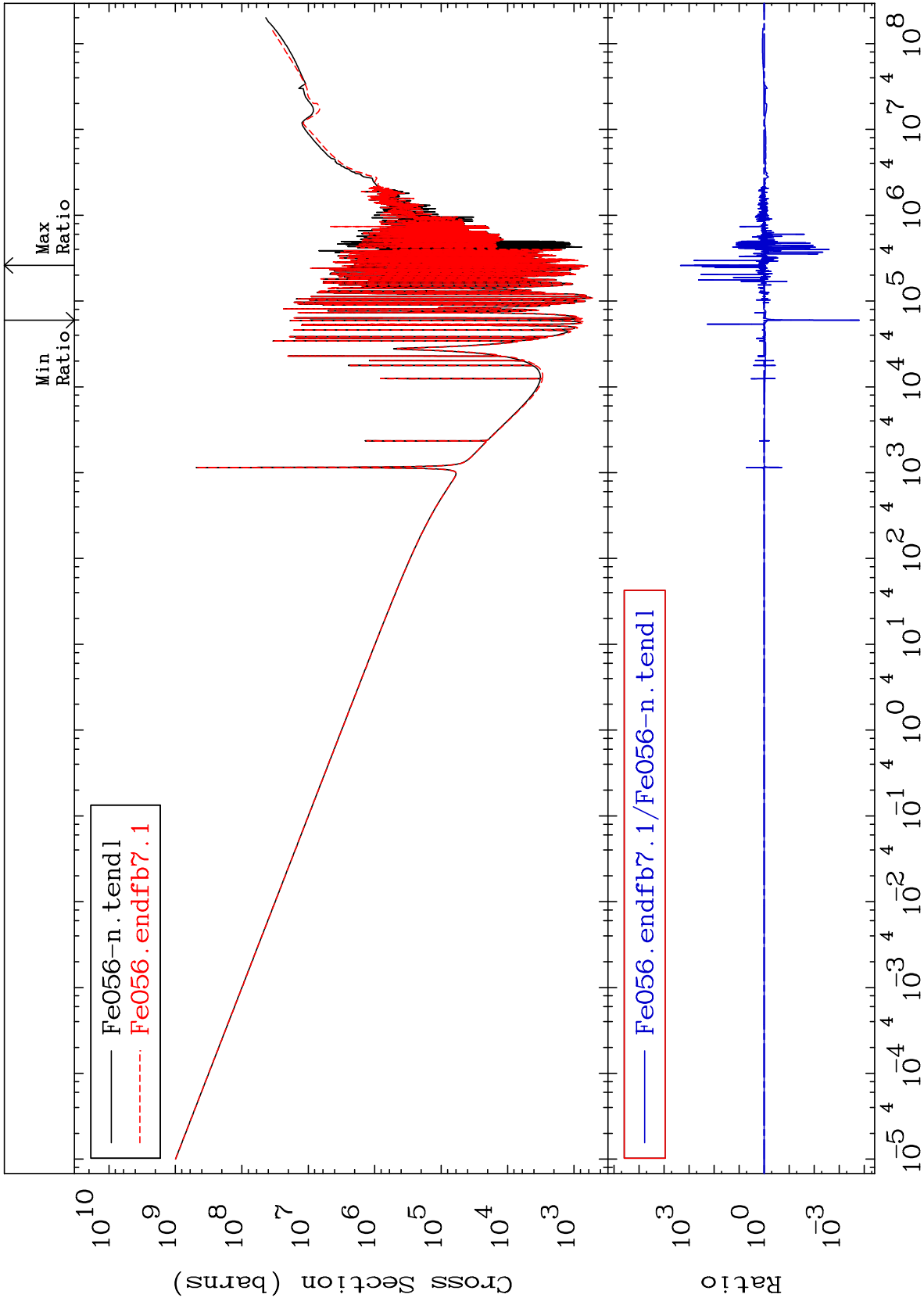
26-Fe-56



MAT 2631

Kerma non-elastic (all but mt2)  
Cross Section

26-Fe-56  
-99.98 To 9999. %



47

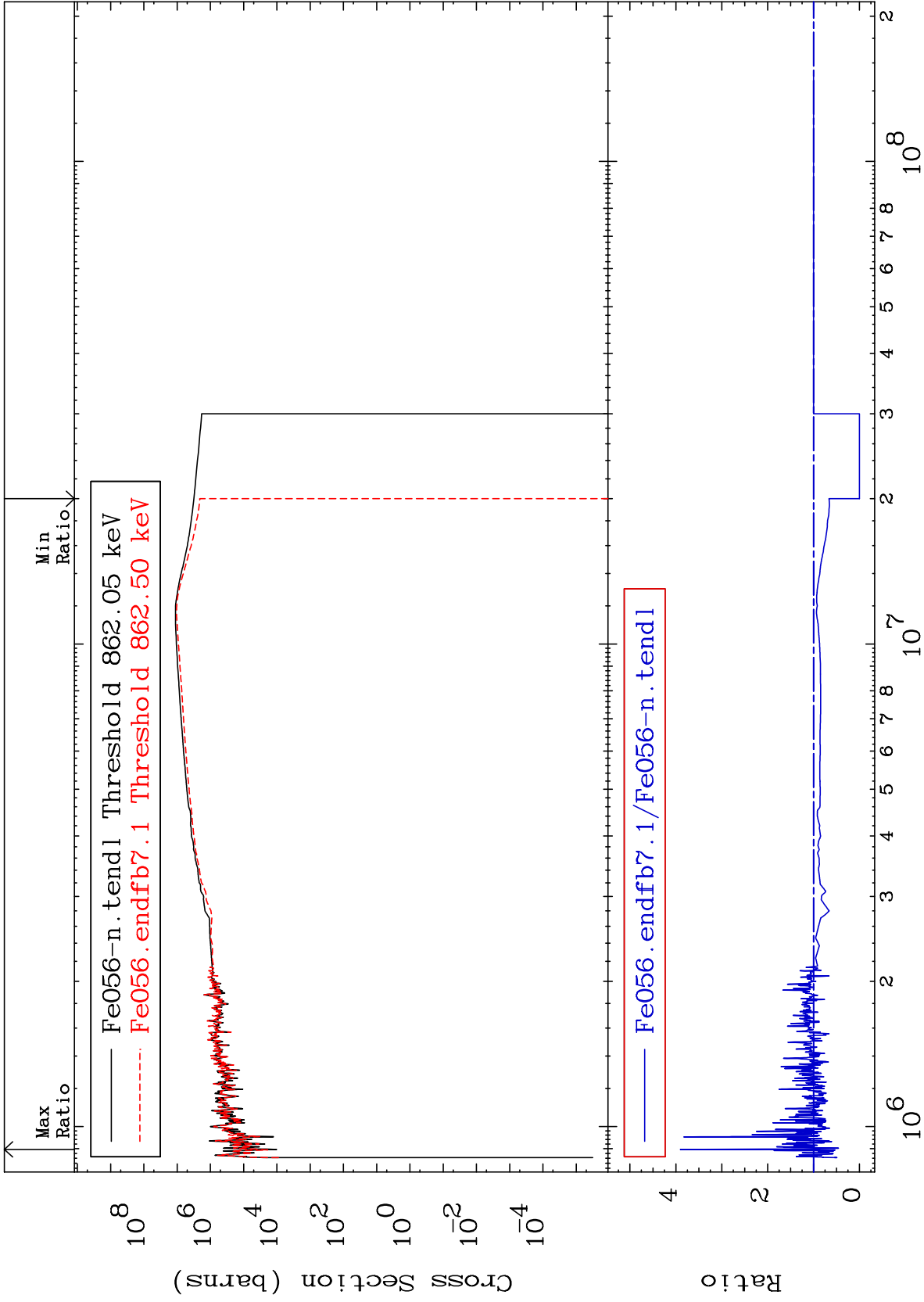
Incident Energy (eV)

26-Fe-56

MAT 2631

Kerma inelastic (mt51-91)  
Cross Section

26-Fe-56  
-100.0 To 290.2 %



48

26-Fe-56

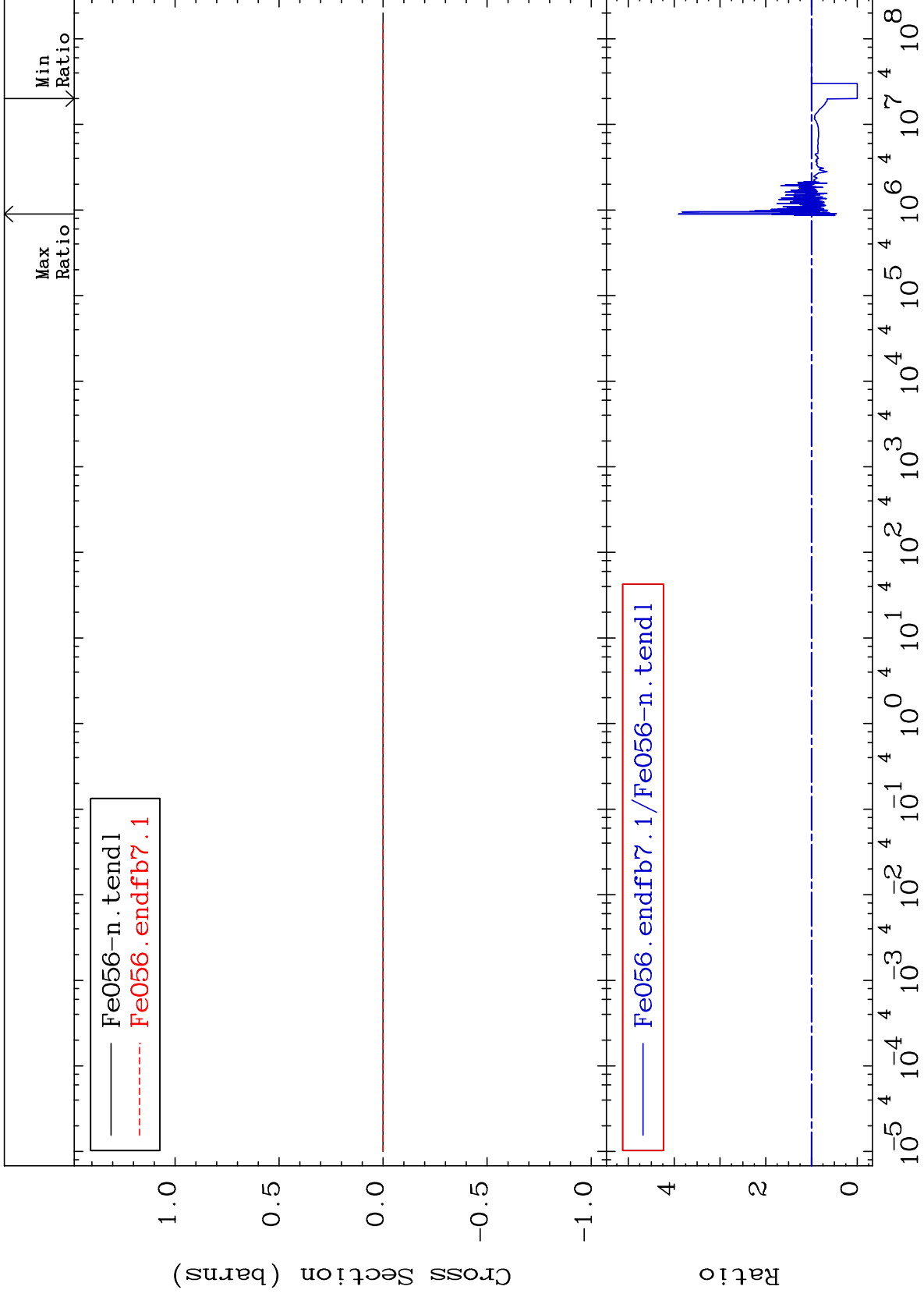
26-Fe-56



MAT 2631

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

26-Fe-56  
-100.0 To 290.2 %



49

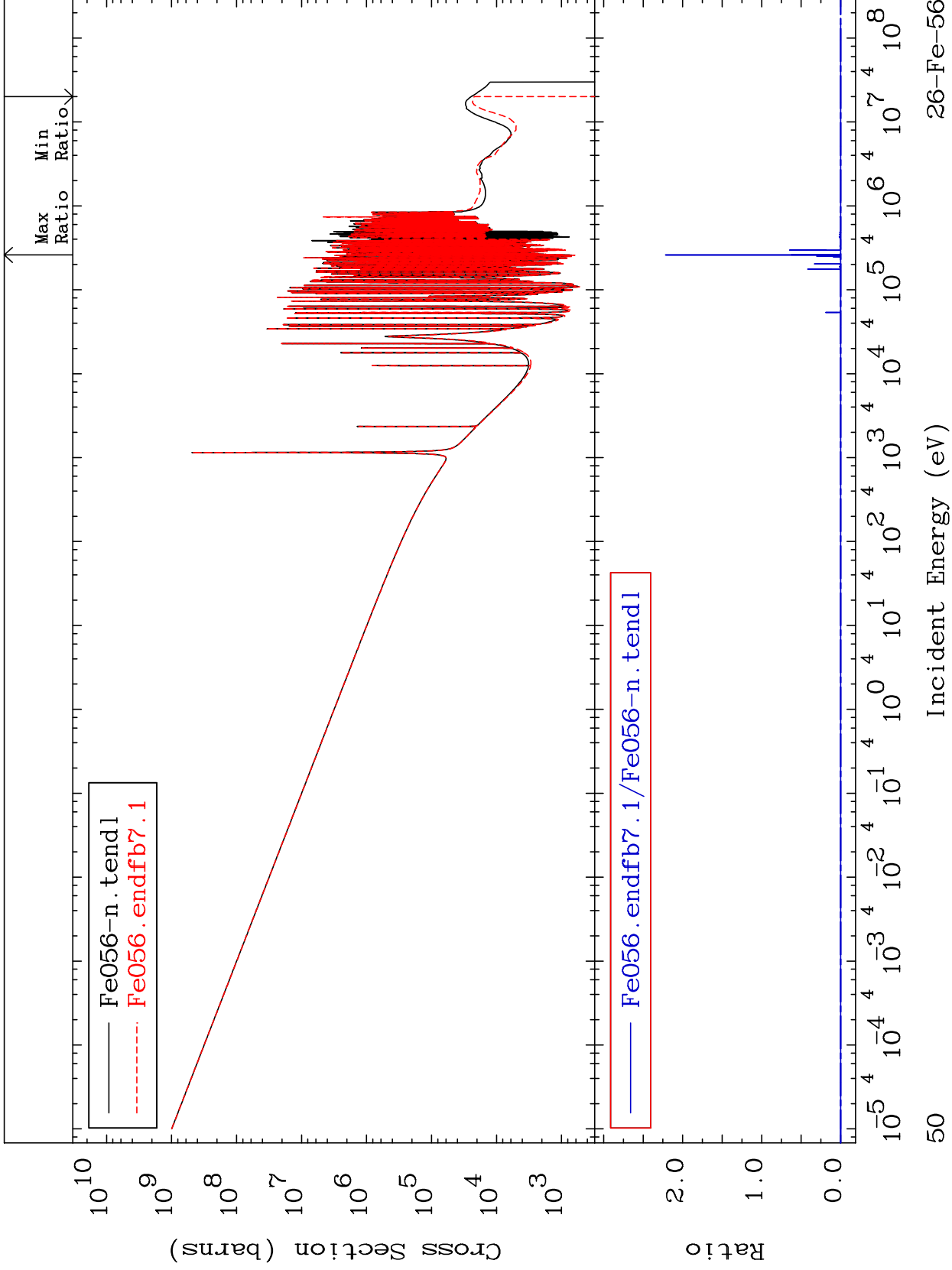
Incident Energy (eV)

26-Fe-56

MAT 2631

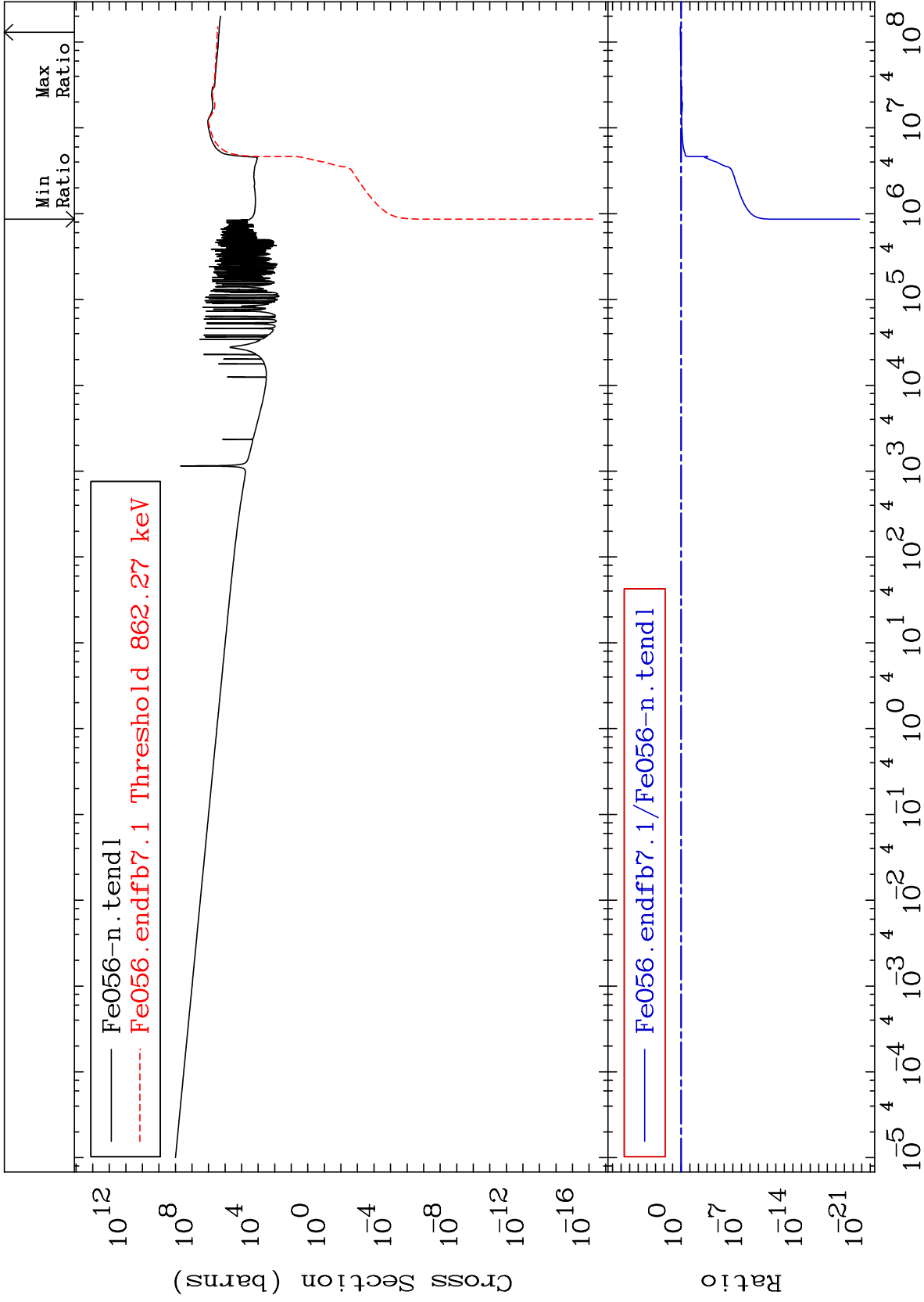
Kerma capture (mt102)  
Cross Section

26-Fe-56  
-100.0 To 9999. %



50

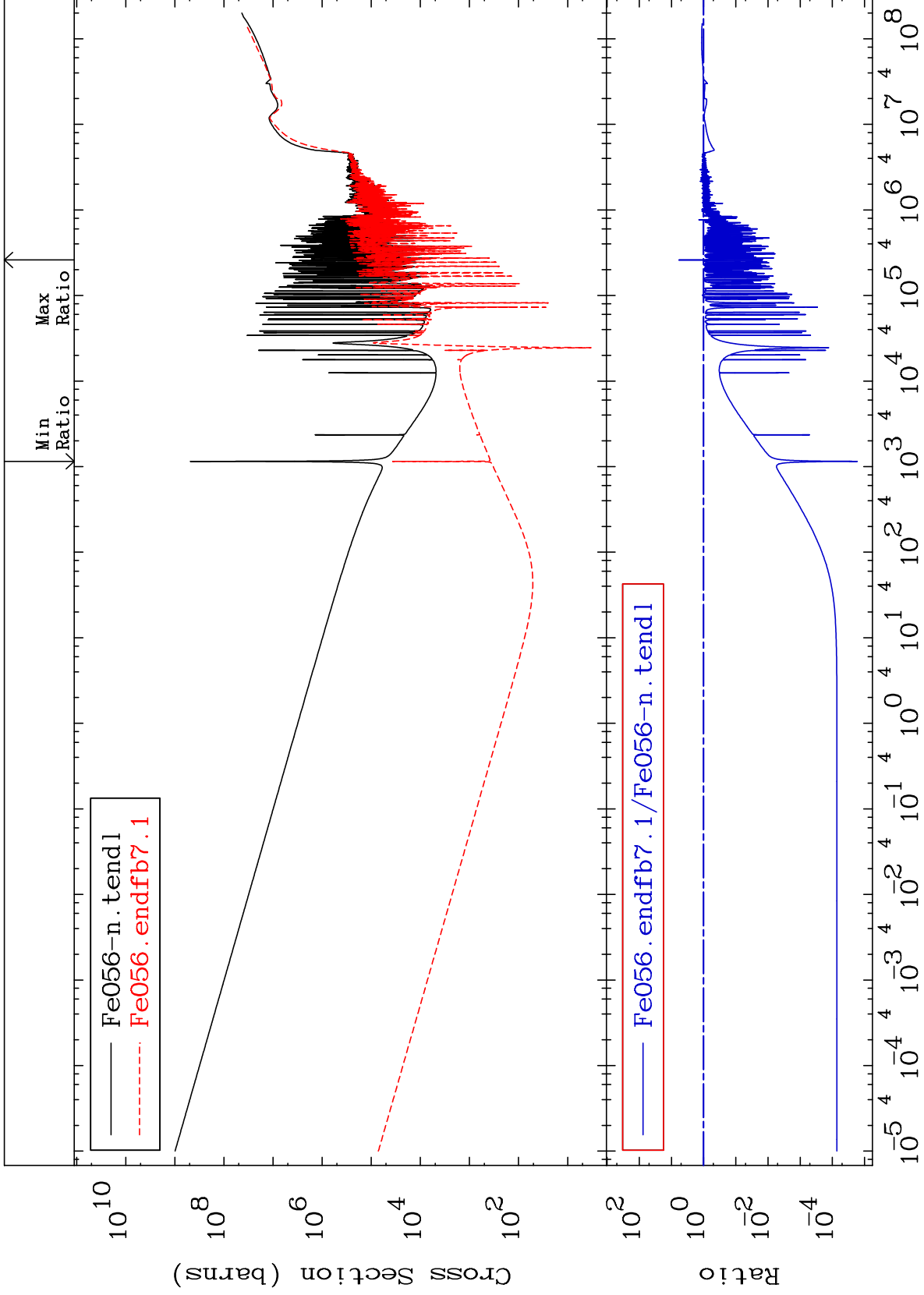
26-Fe-56



MAT 2631

Total kinematic kerma (high limit)  
Cross Section

26-Fe-56  
-100.0 To 499.0 %



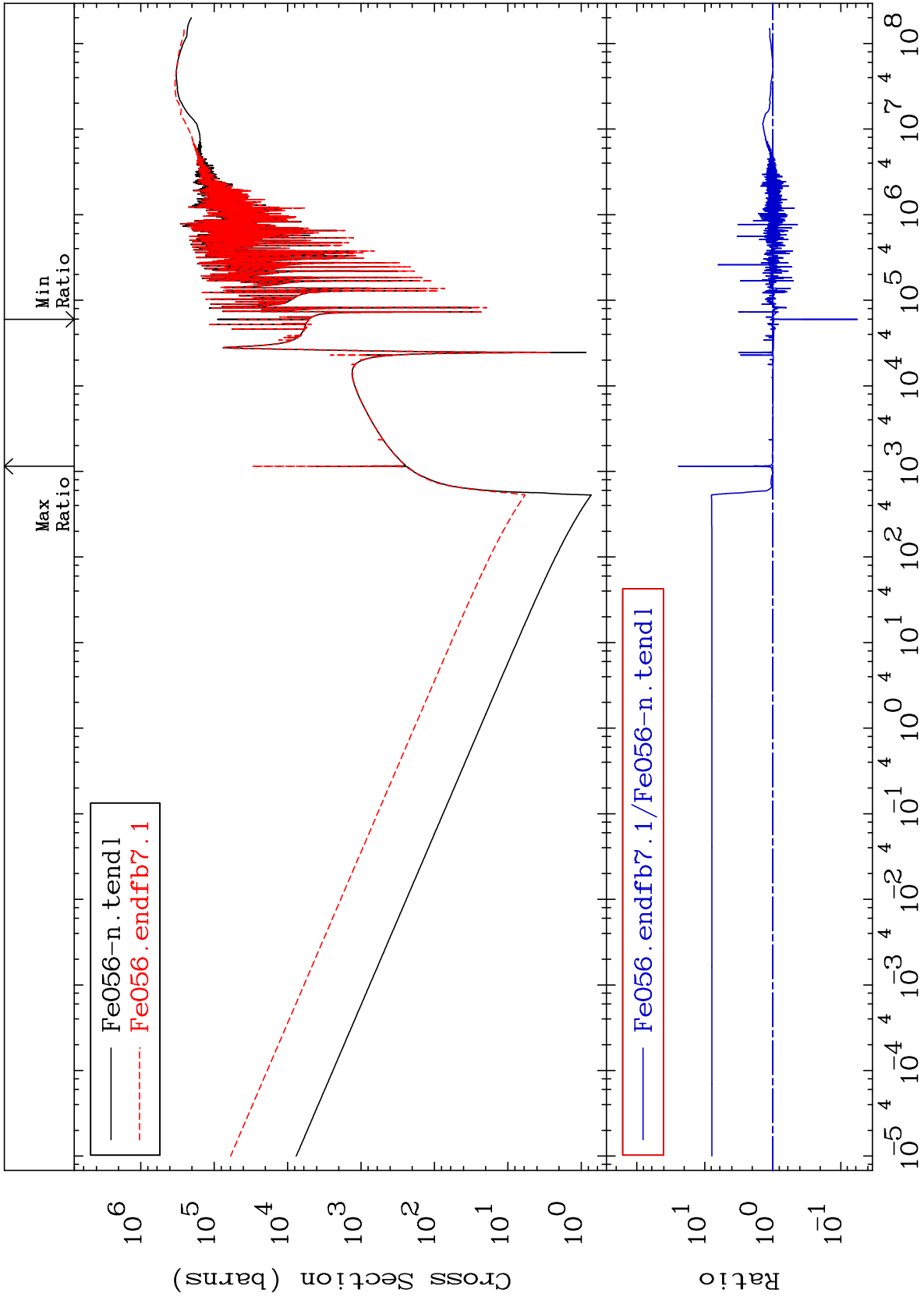
— Fe056-n.tendl  
- - - Fe056.endfb7.1

— Fe056.endfb7.1/Fe056-n.tendl

MAT 2631

Dpa total (eV-barns)  
Cross Section

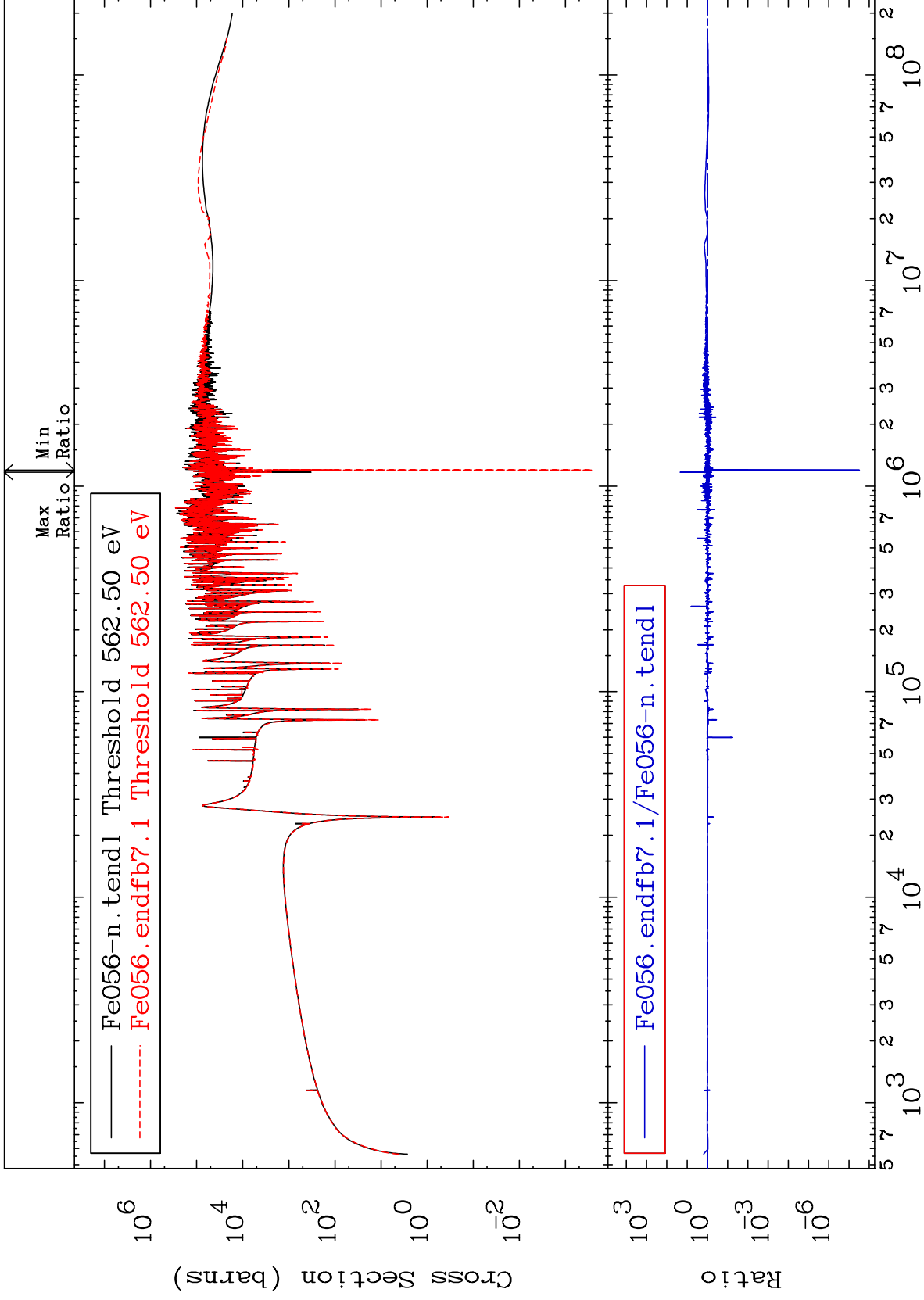
26-Fe-56  
-94.28 To 2322. %



53

Incident Energy (eV)

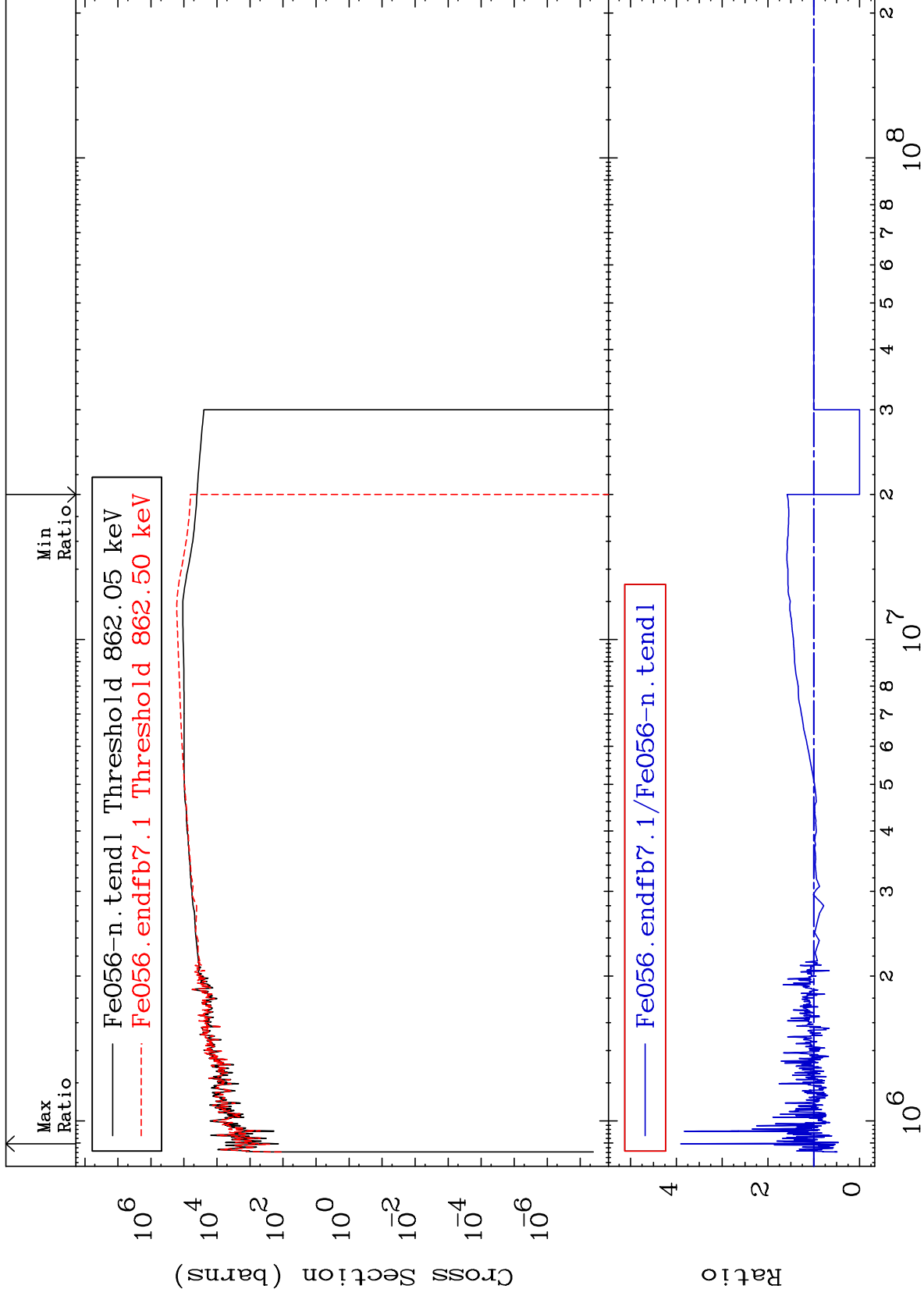
26-Fe-56



MAT 2631

Dpa inelastic (mt51-91)  
Cross Section

26-Fe-56  
-100.0 To 290.2 %



55

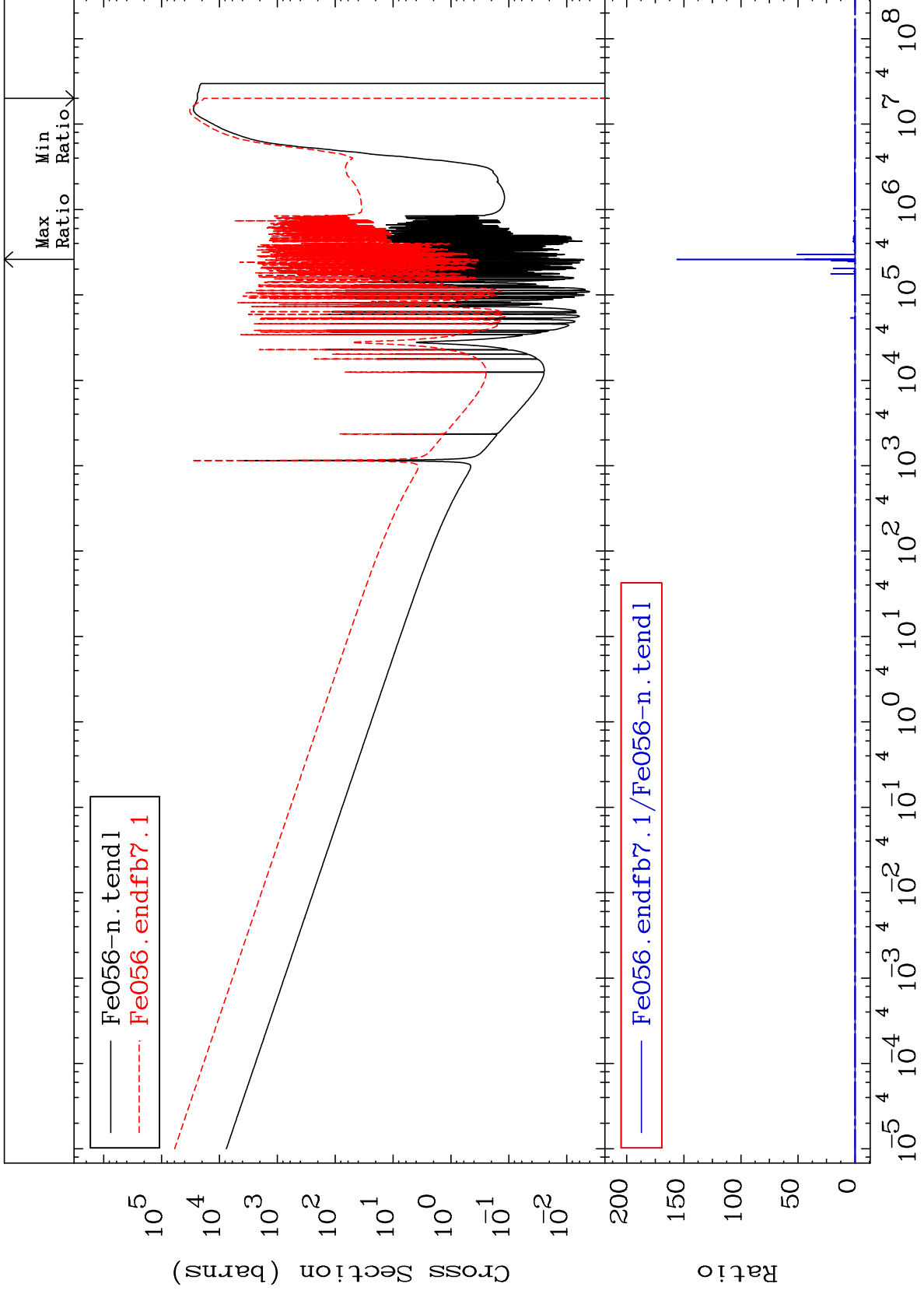
Incident Energy (eV)

26-Fe-56

MAT 2631

Dpa disappearance (mt102 -120)  
Cross Section

26-Fe-56  
-100.0 To 9999. %



56

Incident Energy (eV)

26-Fe-56