

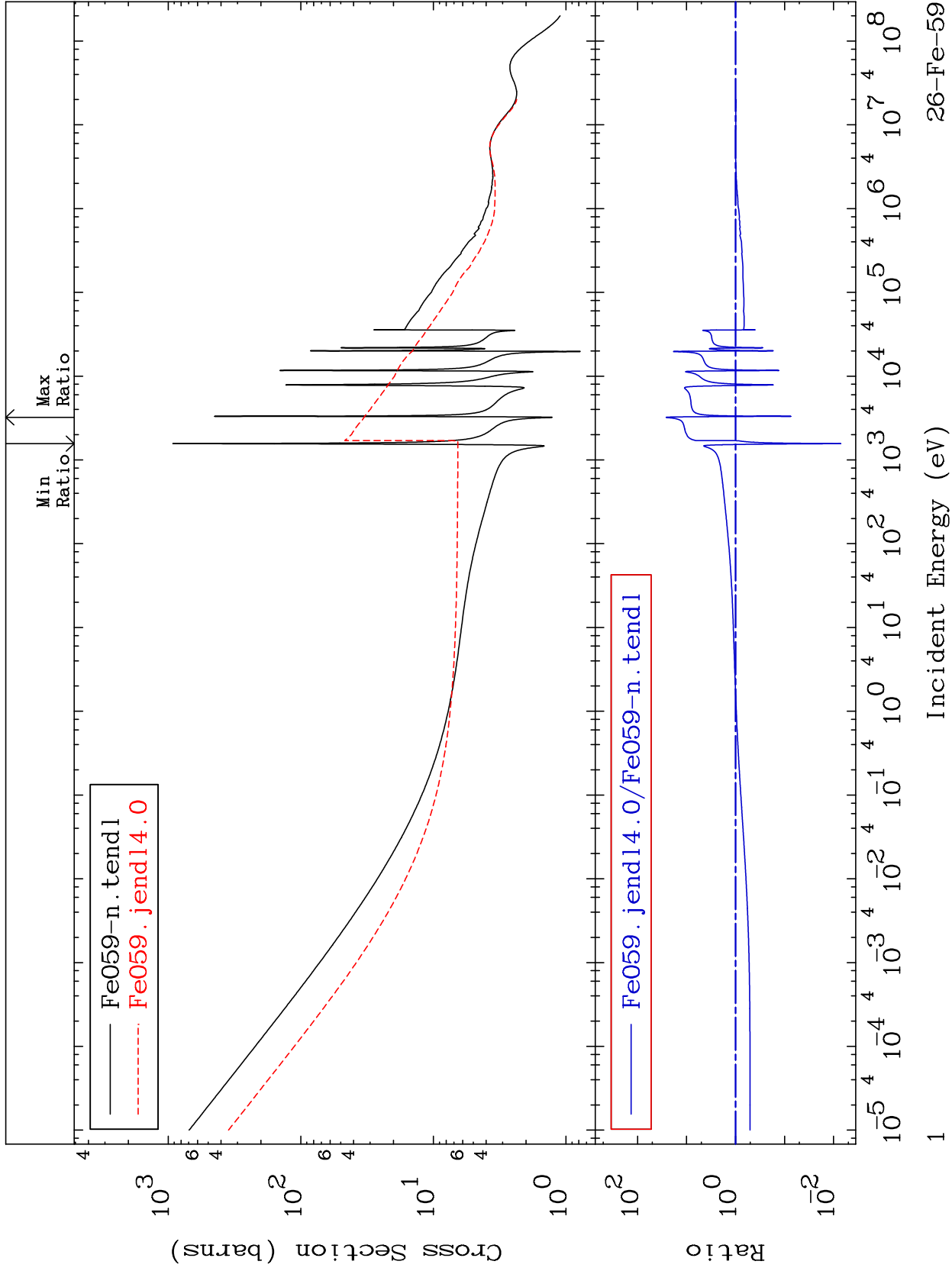
MAT 2640

Total

26-Fe-59

Cross Section

-99.29 To 2530. %

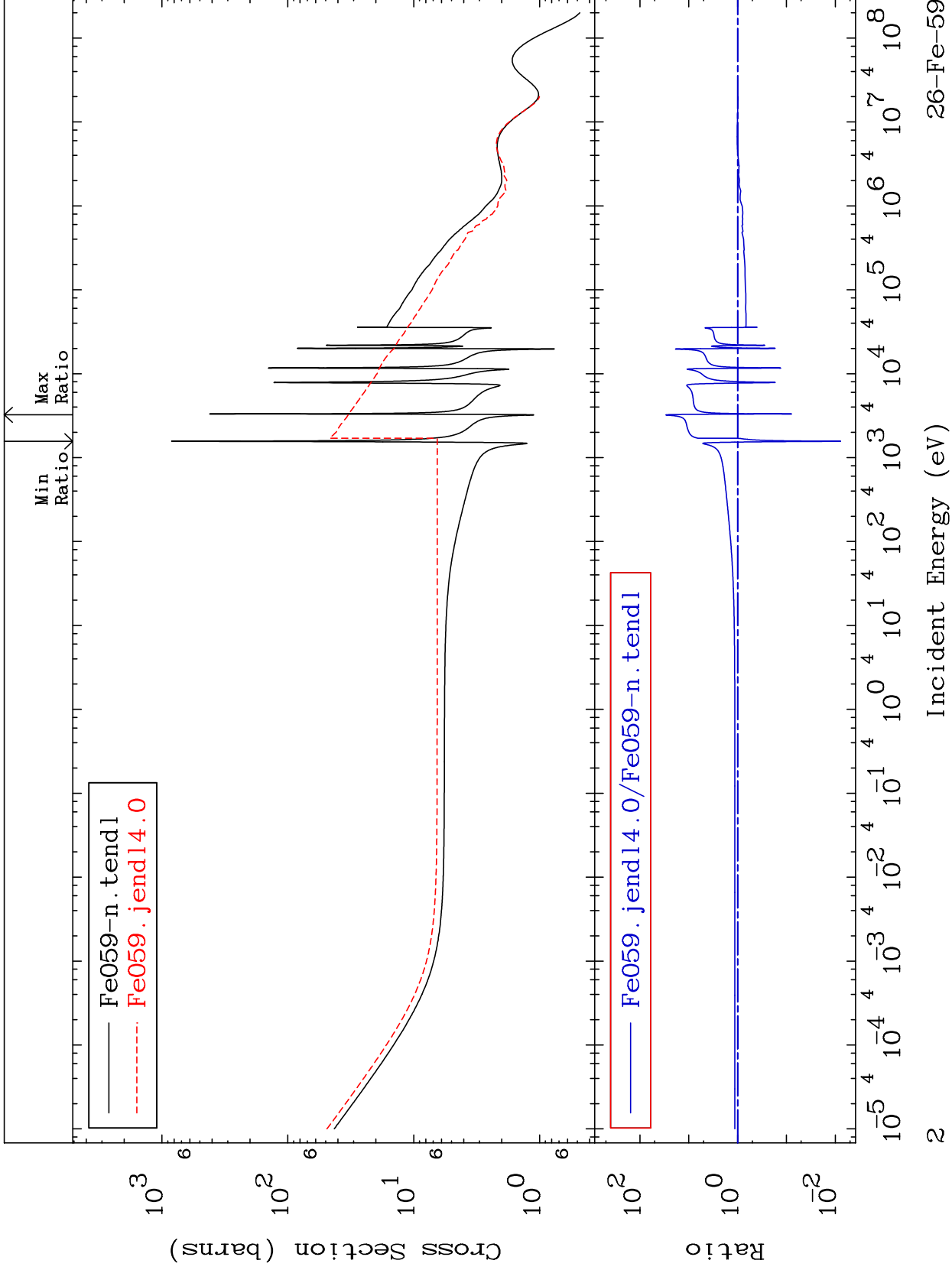


26-Fe-59

MAT 2640

Elastic  
Cross Section

26-Fe-59  
-99.22 To 2901. %



26-Fe-59

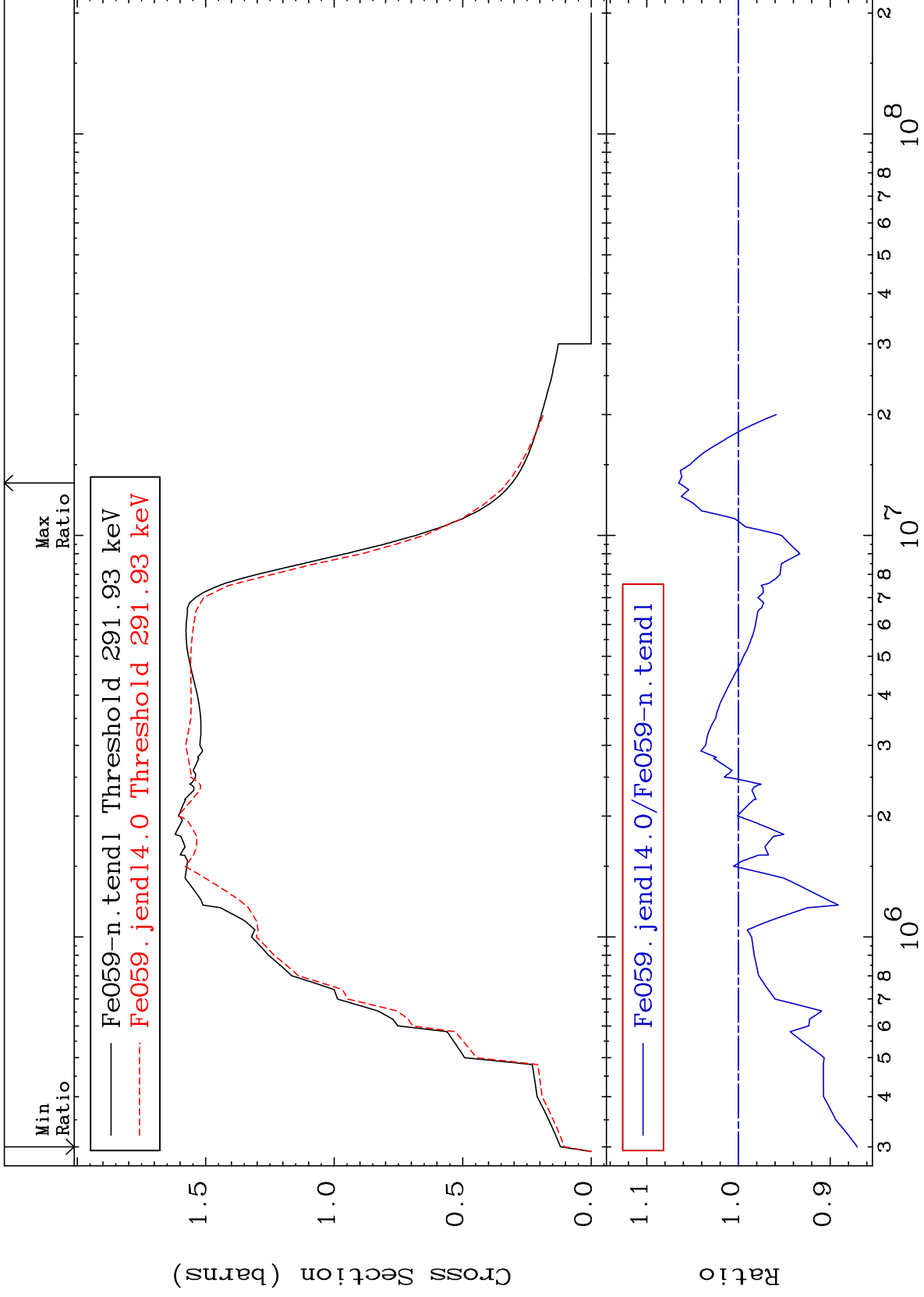
Incident Energy (eV)

2

MAT 2640

Inelastic  
Cross Section

26-Fe-59  
-12.96 To 6.524 %



3

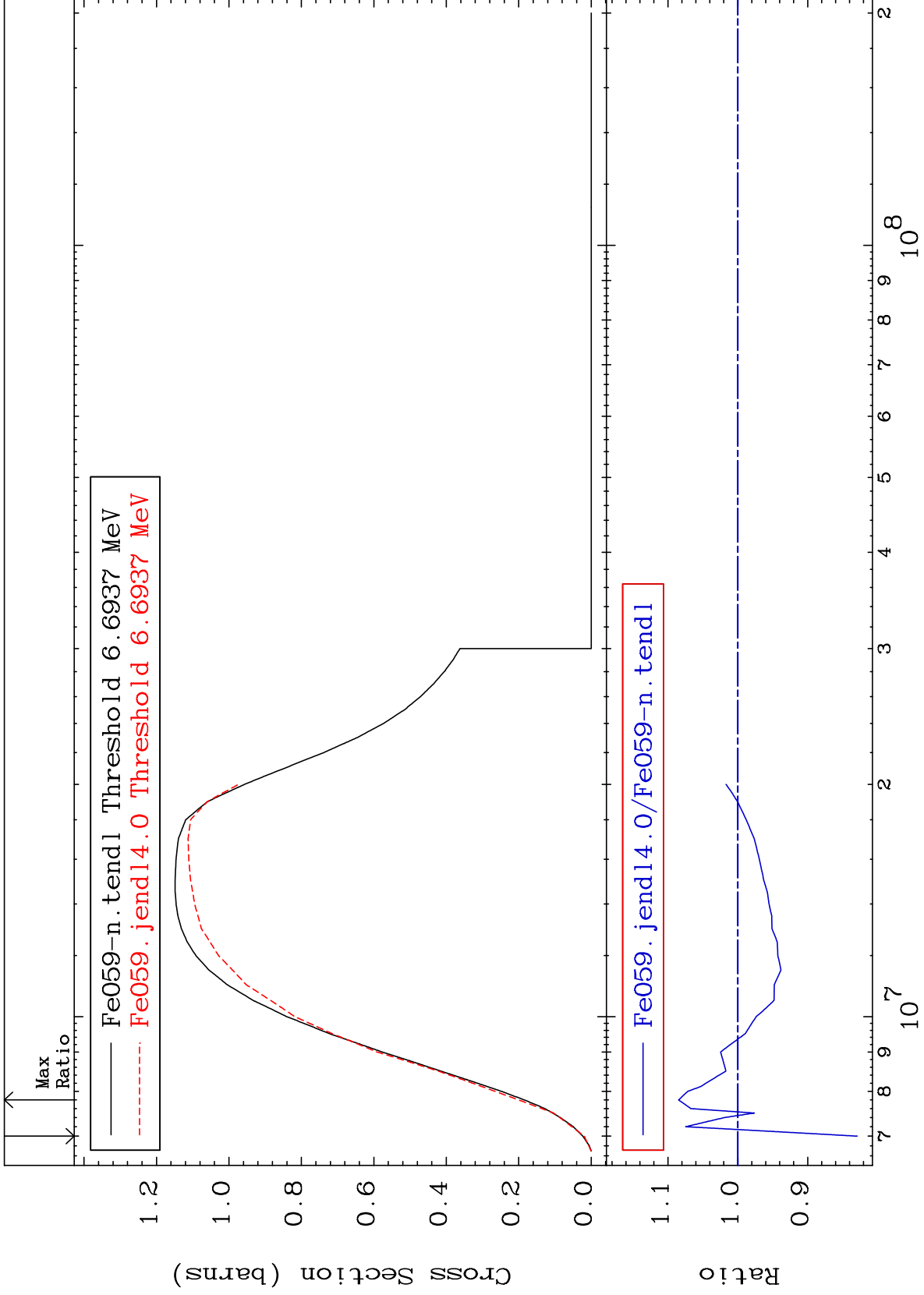
Incident Energy (eV)

26-Fe-59

MAT 2640

(n,2n)  
Cross Section

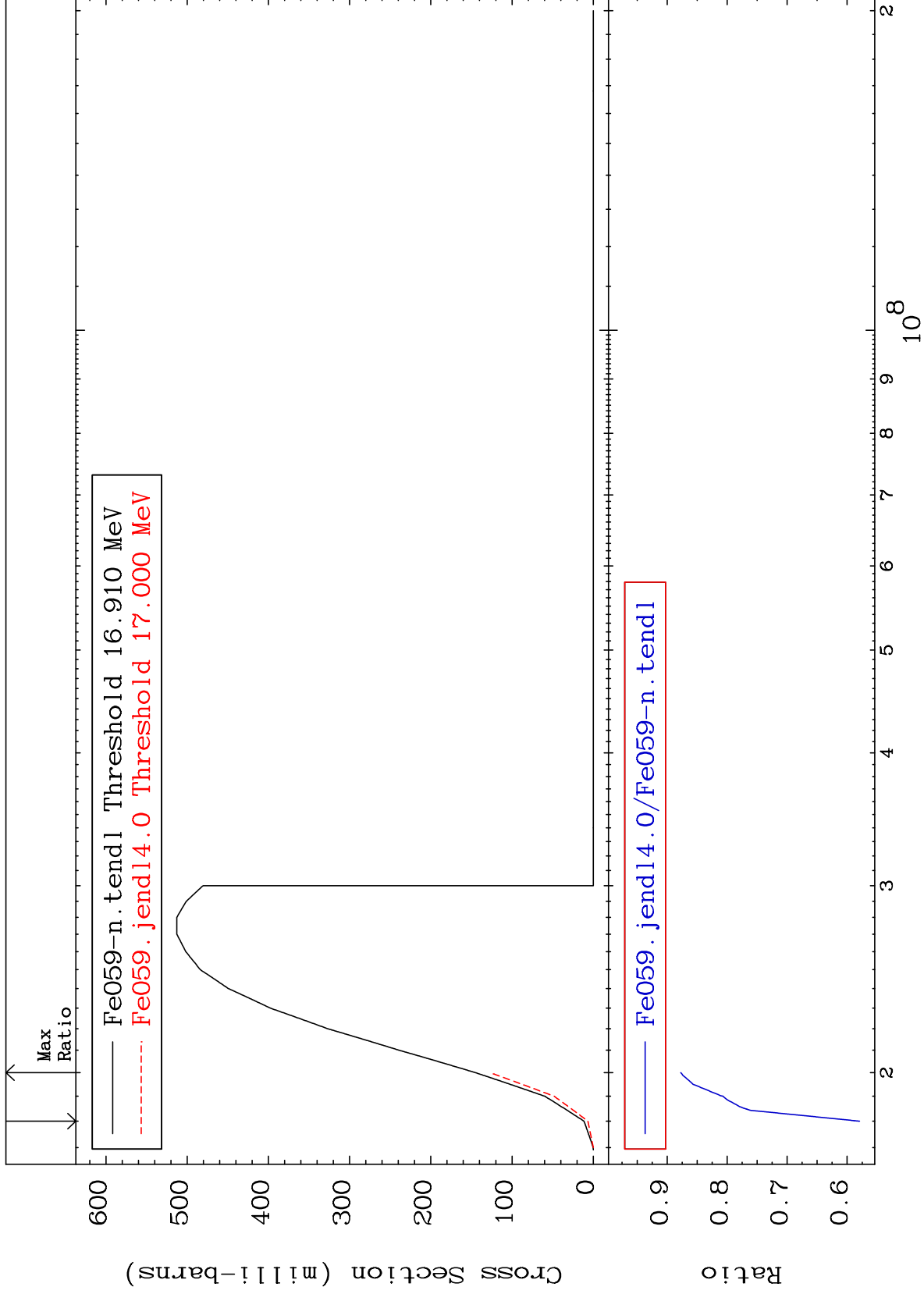
26-Fe-59  
-17.09 To 8.467 %



MAT 2640

(n,3n)  
Cross Section

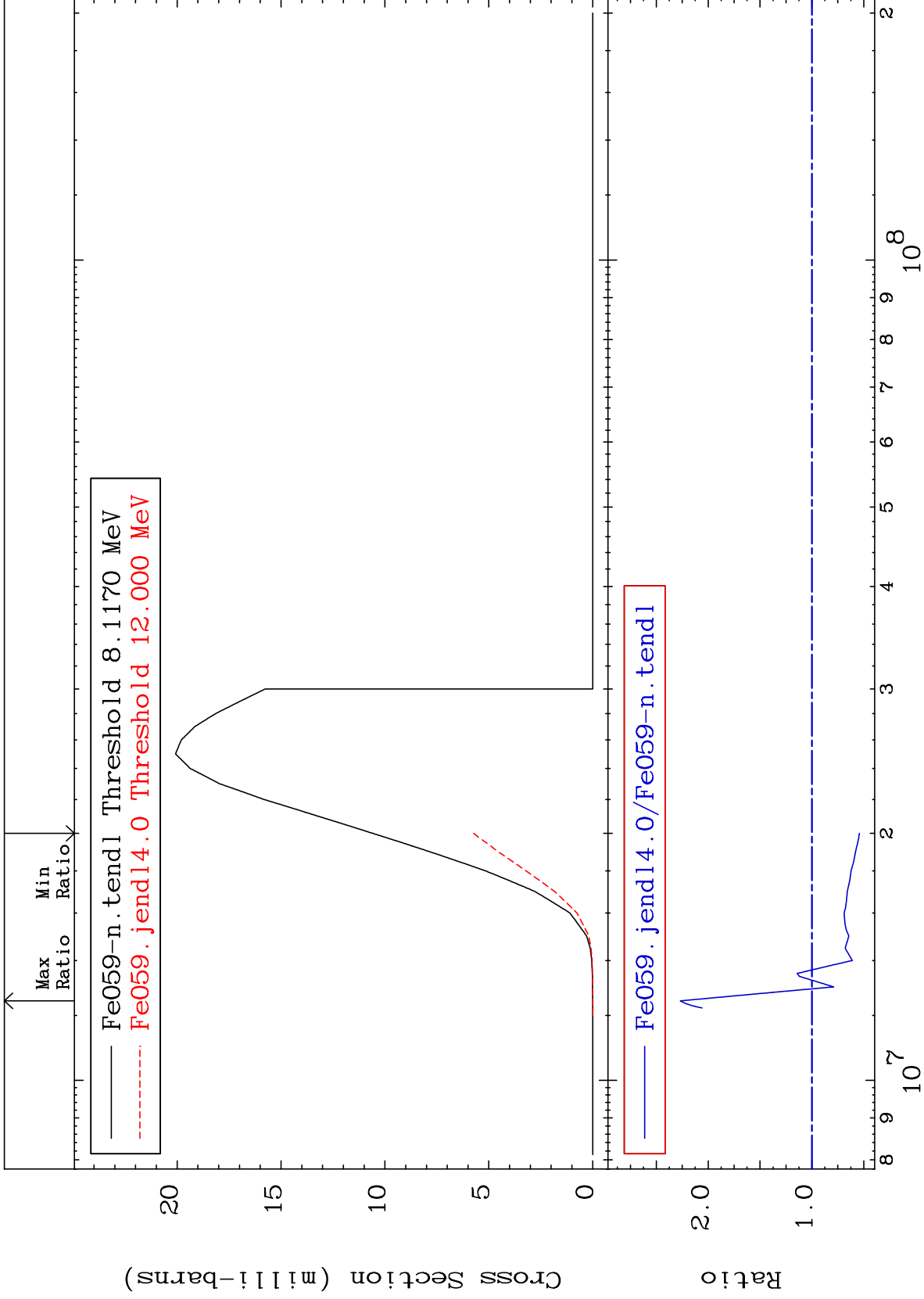
<sup>26</sup>Fe-59  
-42.07 To -12.27%



MAT 2640

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

26-Fe-59  
-45.81 To 126.8 %

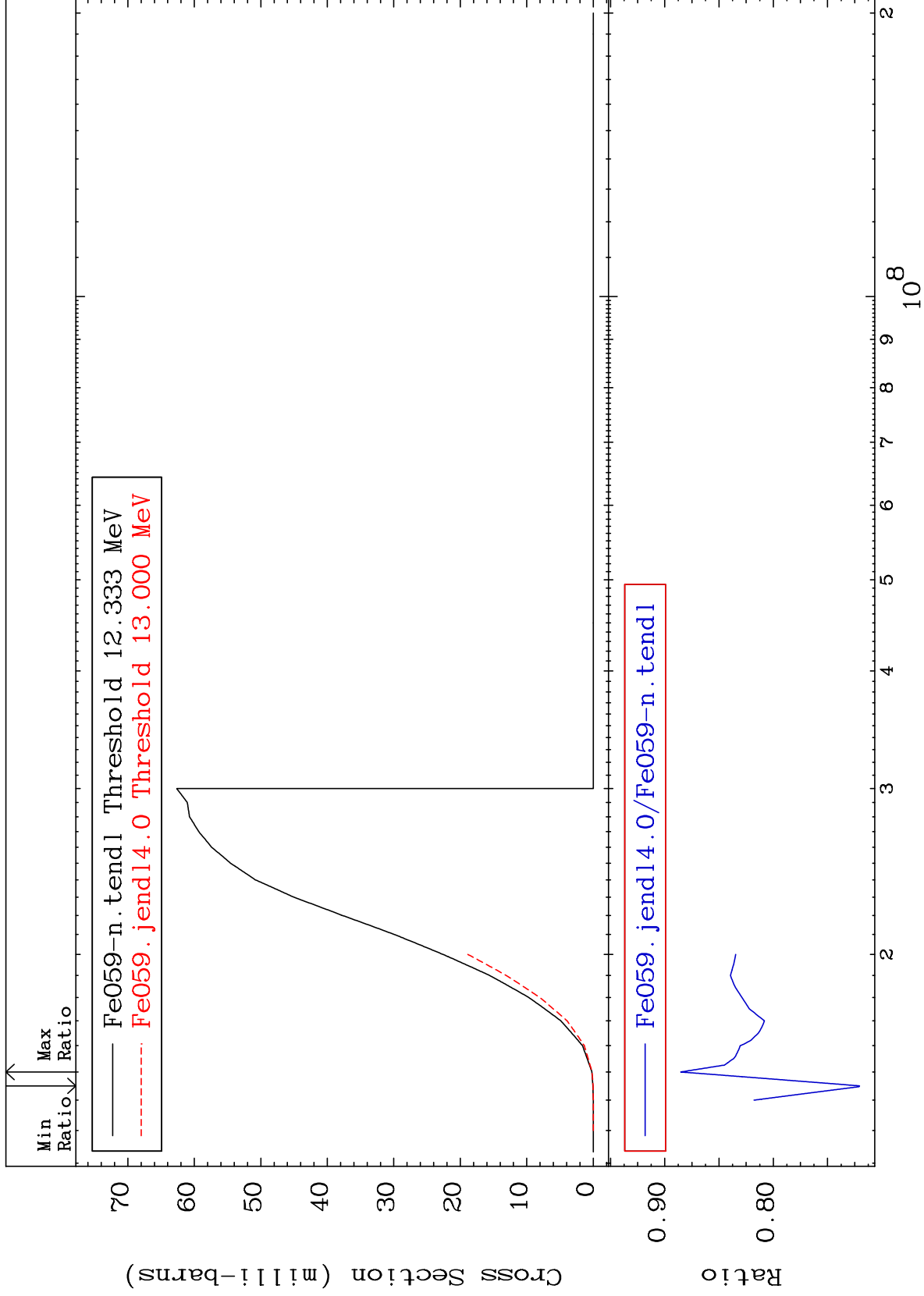


26-Fe-59

MAT 2640

(n,n') p  
Cross Section

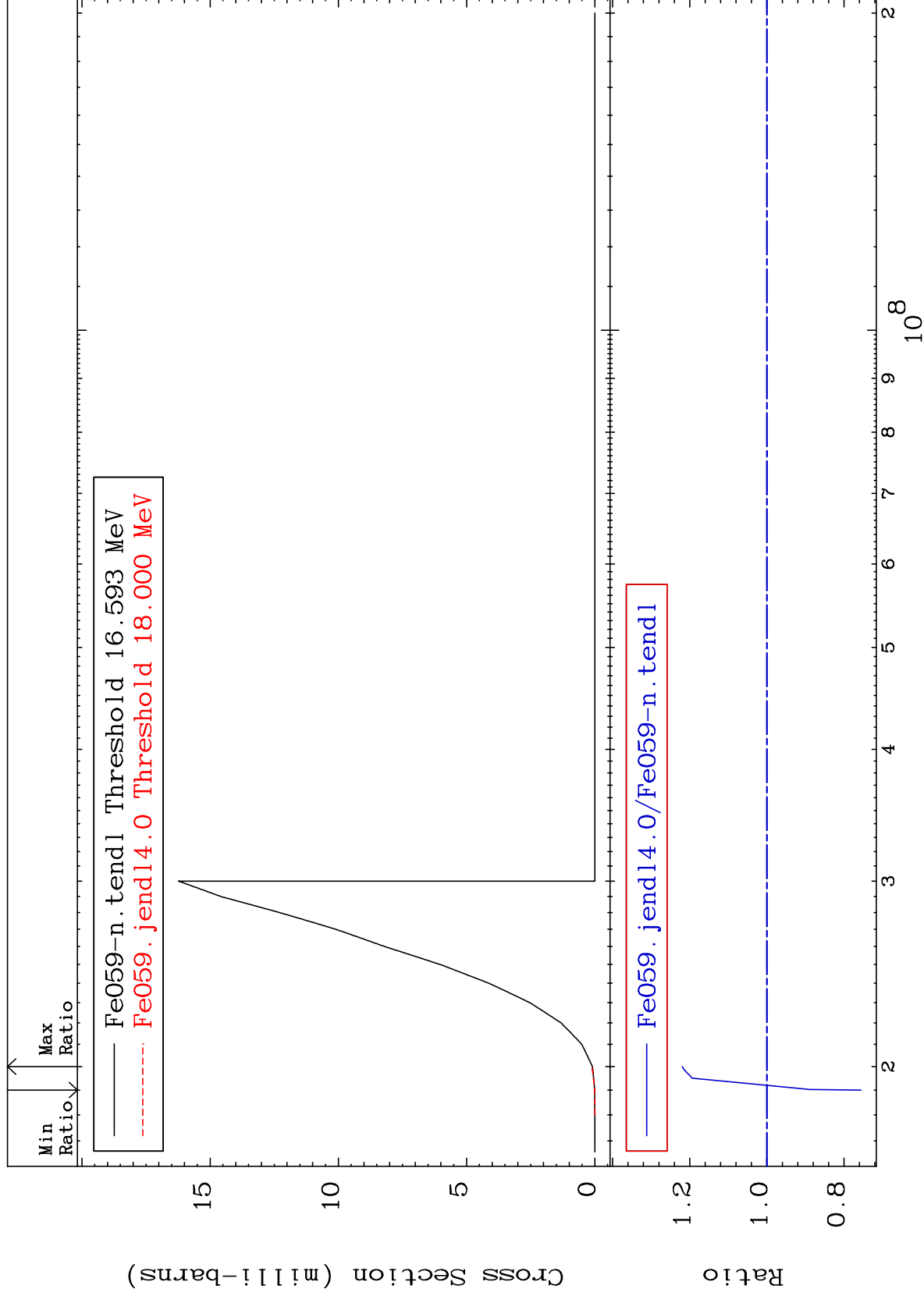
<sup>26</sup>Fe-59  
-27.95 To -11.48%



MAT 2640

(n,n') d  
Cross Section

<sup>26</sup>Fe-59  
-24.42 To 21.92 %



8

Incident Energy (eV)

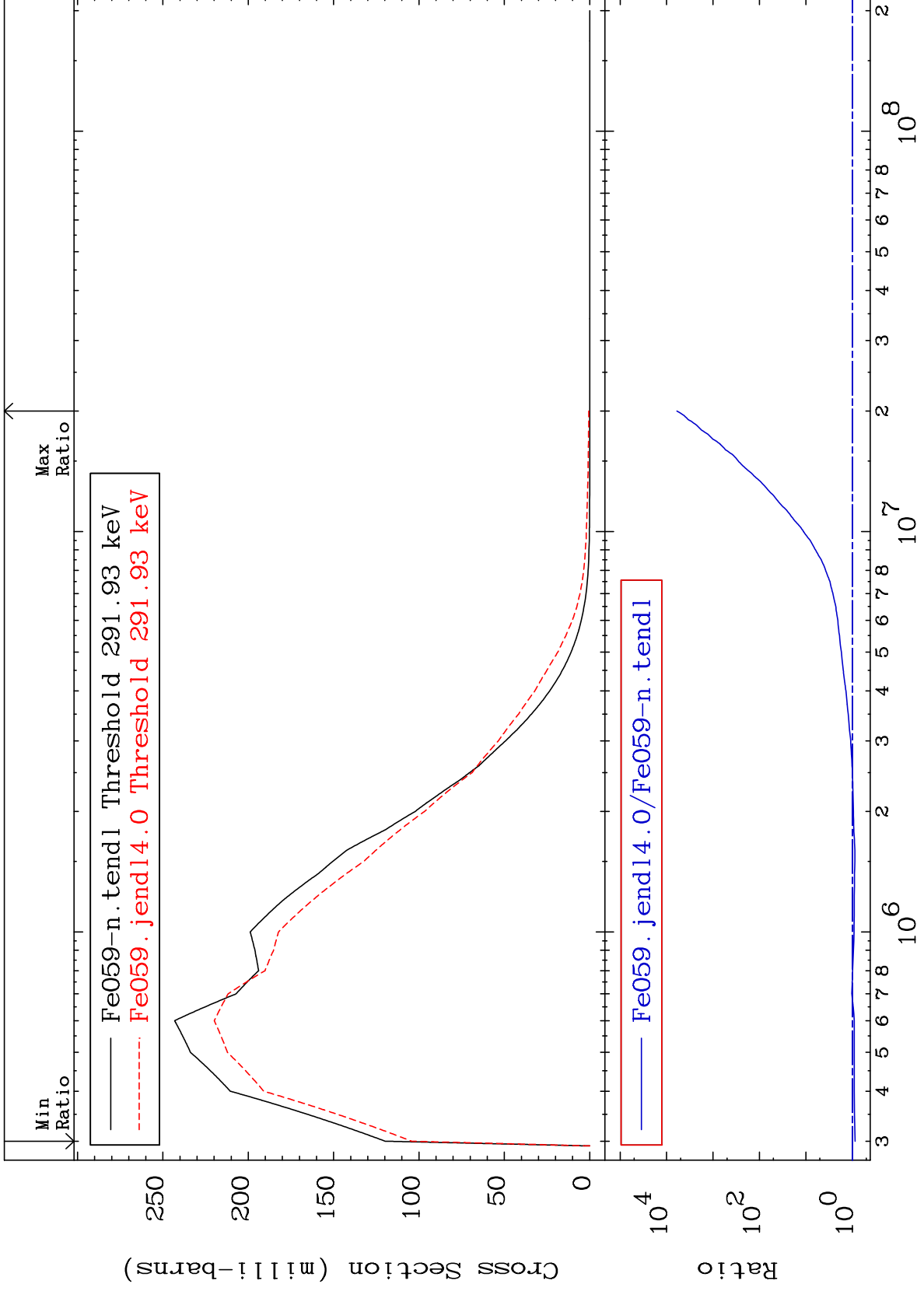
<sup>26</sup>Fe-59



MAT 2640

287.0 keV (n,n') Level  
Cross Section

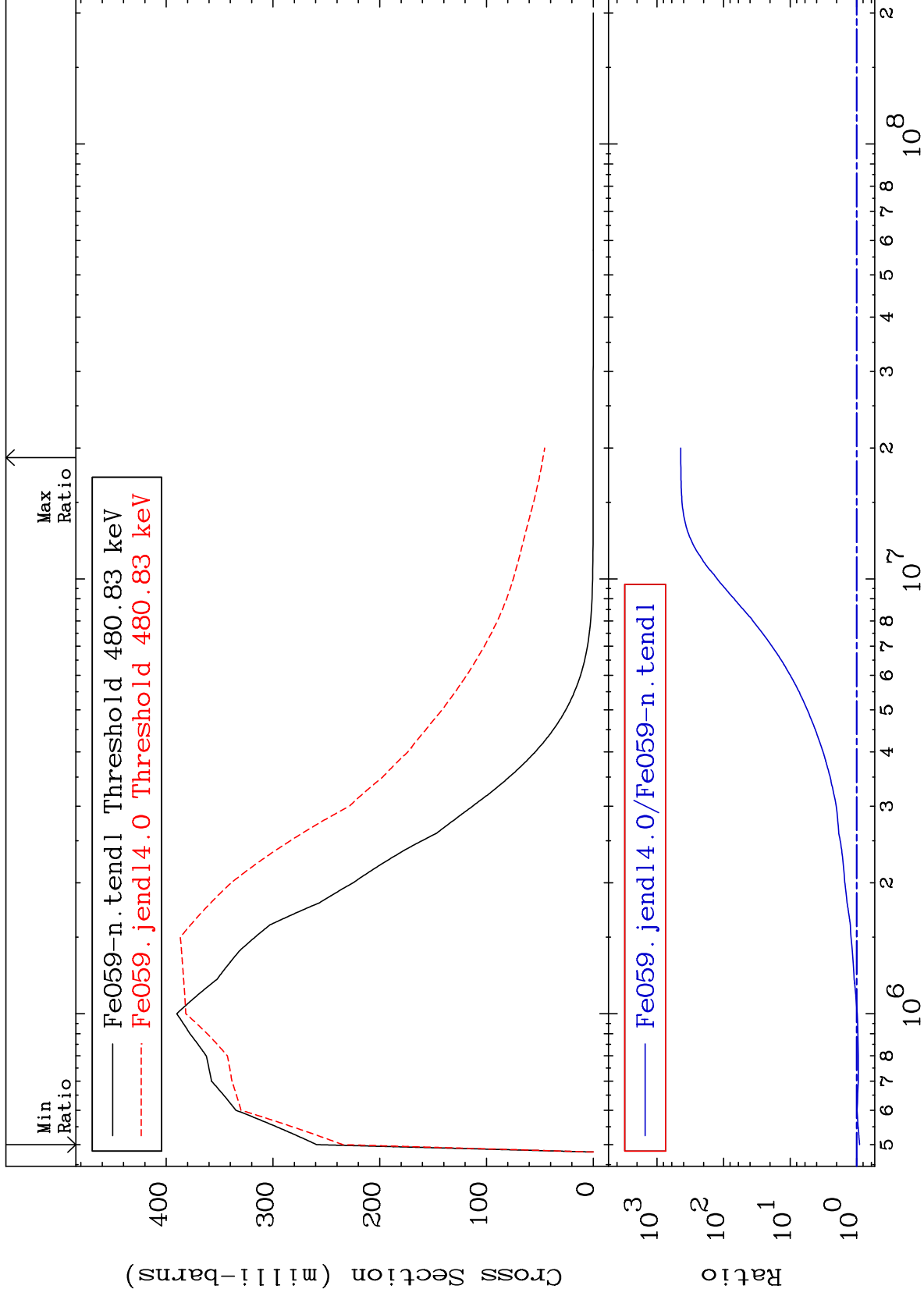
26-Fe-59  
-12.96 To 9999. %



MAT 2640

472.7 keV (n,n') Level  
Cross Section

26-Fe-59  
-9.451 To 9999. %



10

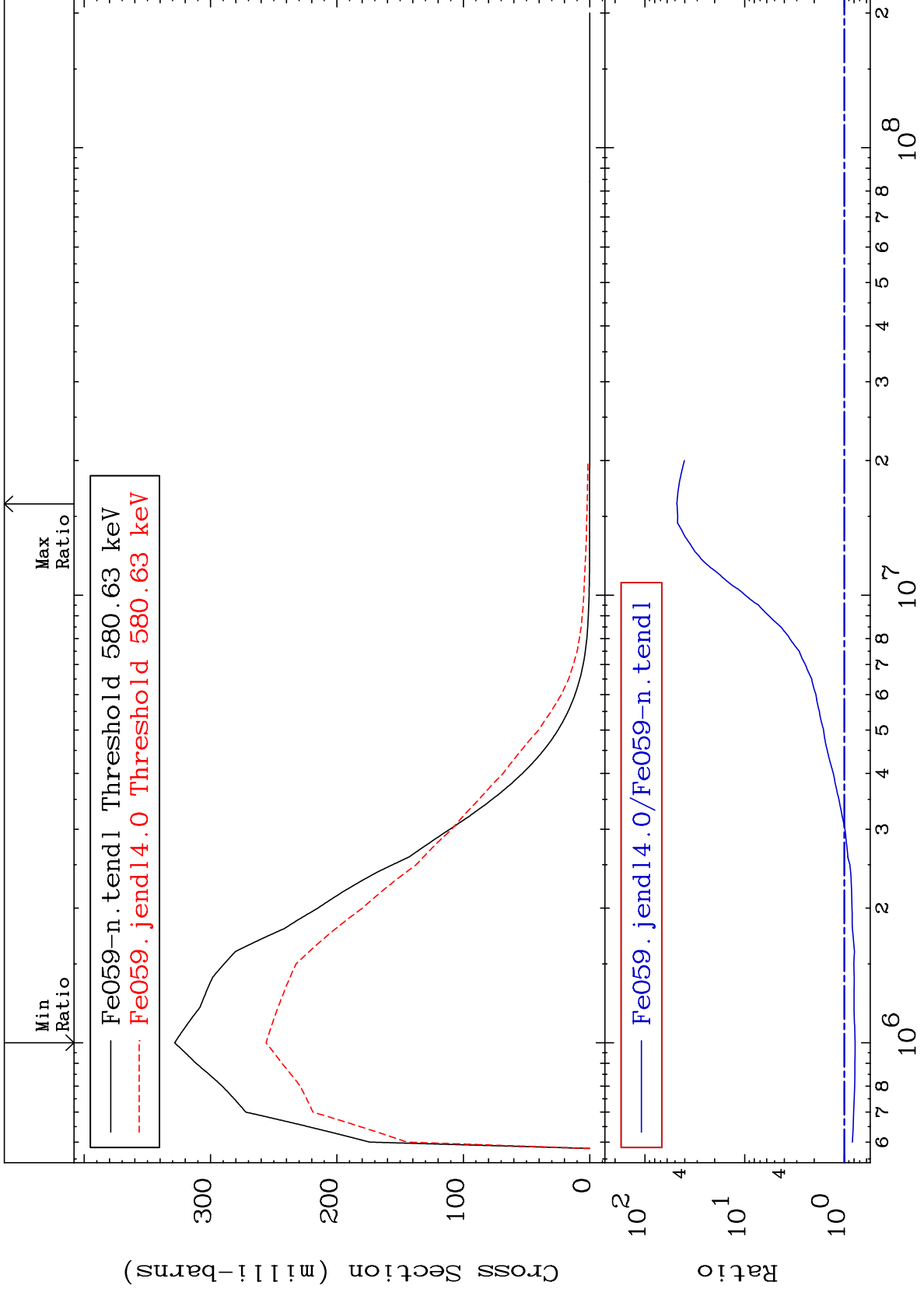
Incident Energy (eV)

26-Fe-59

MAT 2640

570.9 keV (n,n') Level  
Cross Section

26-Fe-59  
-22.04 To 4684. %



11

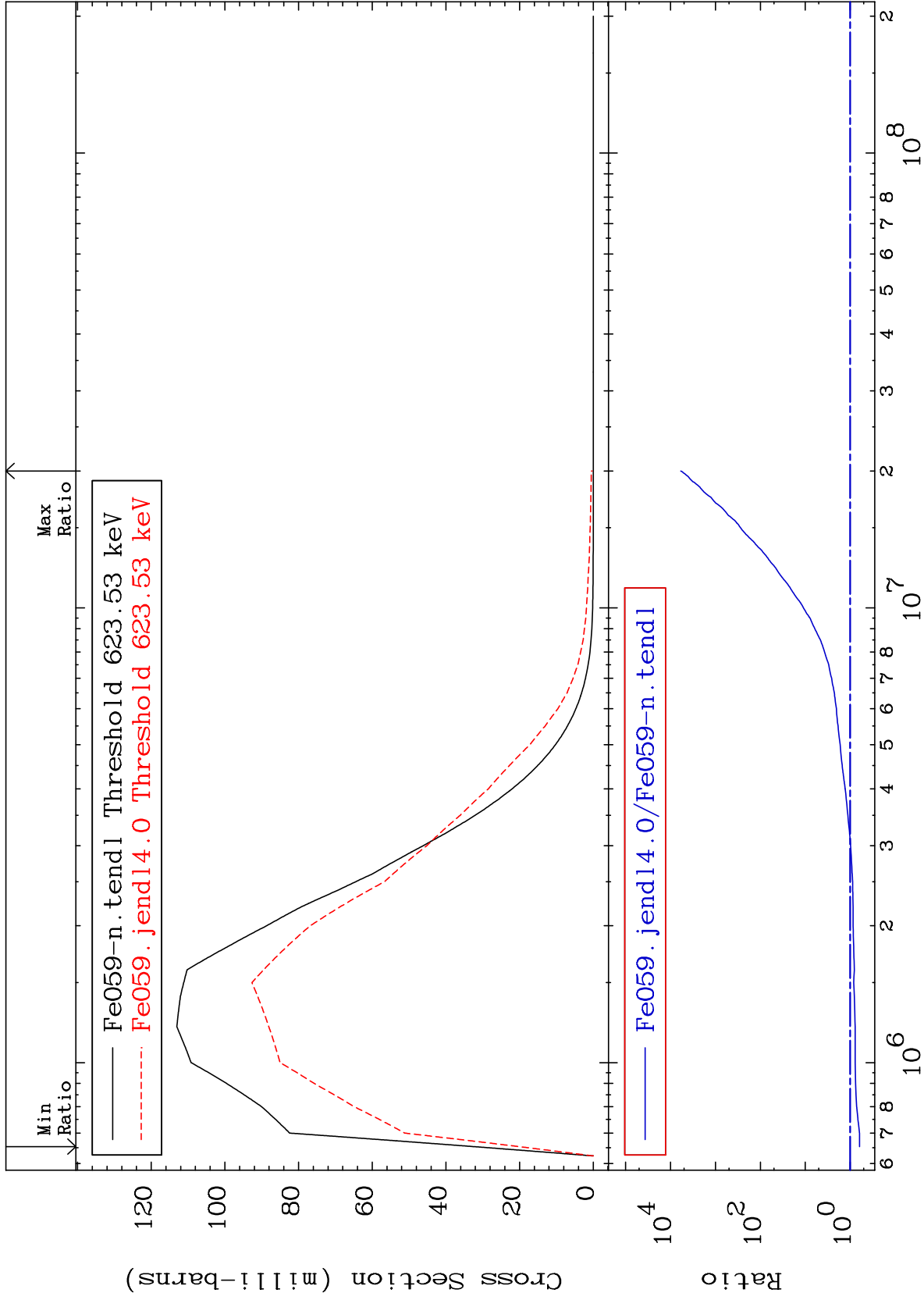
26-Fe-59

MAT 2640

613.0 keV (n,n') Level

<sup>26</sup>Fe-59

-37.92 To 9999. %



12

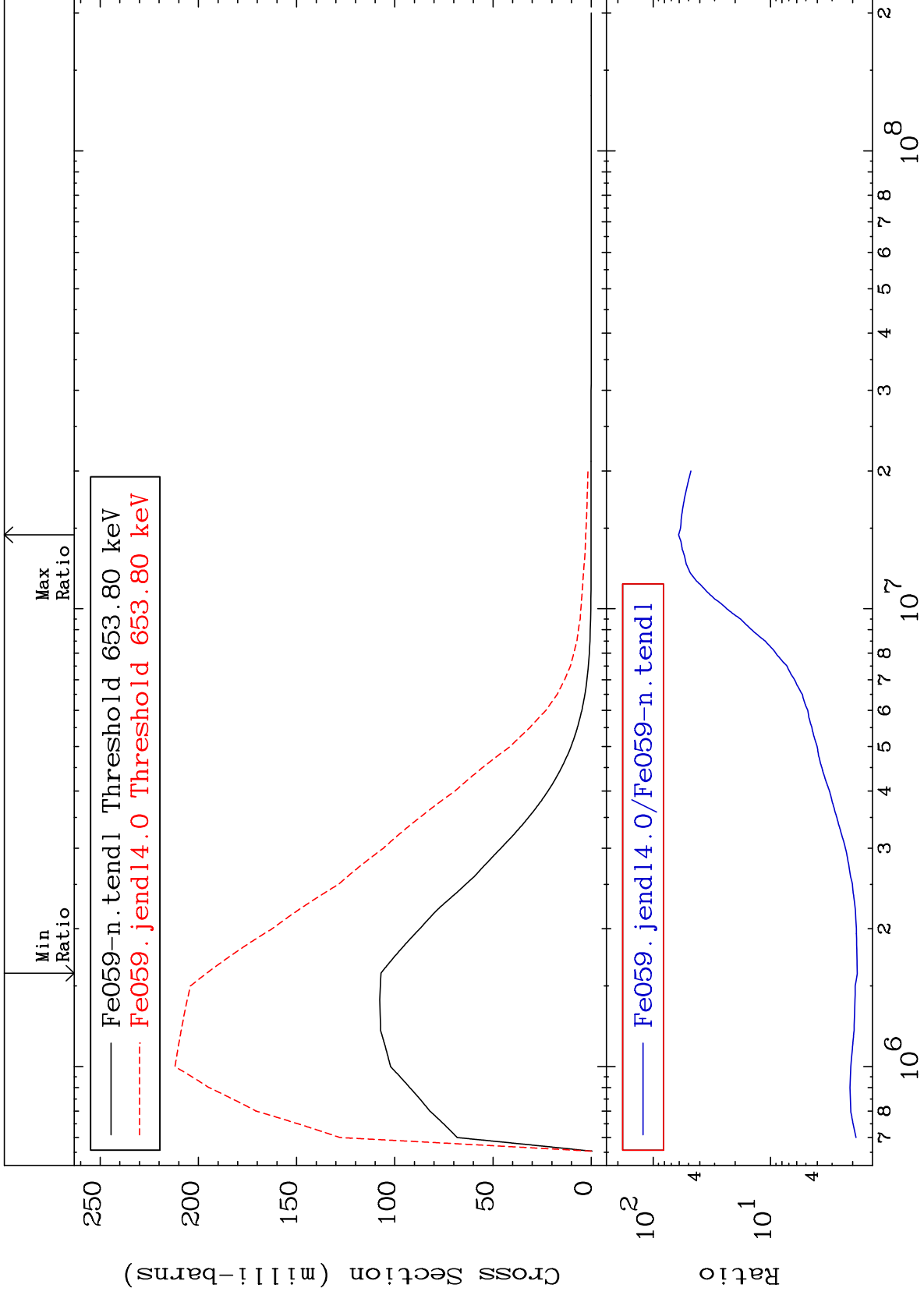
Incident Energy (eV)

<sup>26</sup>Fe-59

MAT 2640

642.8 keV (n,n') Level  
Cross Section

82.87 To 5965. %  
26-Fe-59



13

Incident Energy (eV)

26-Fe-59

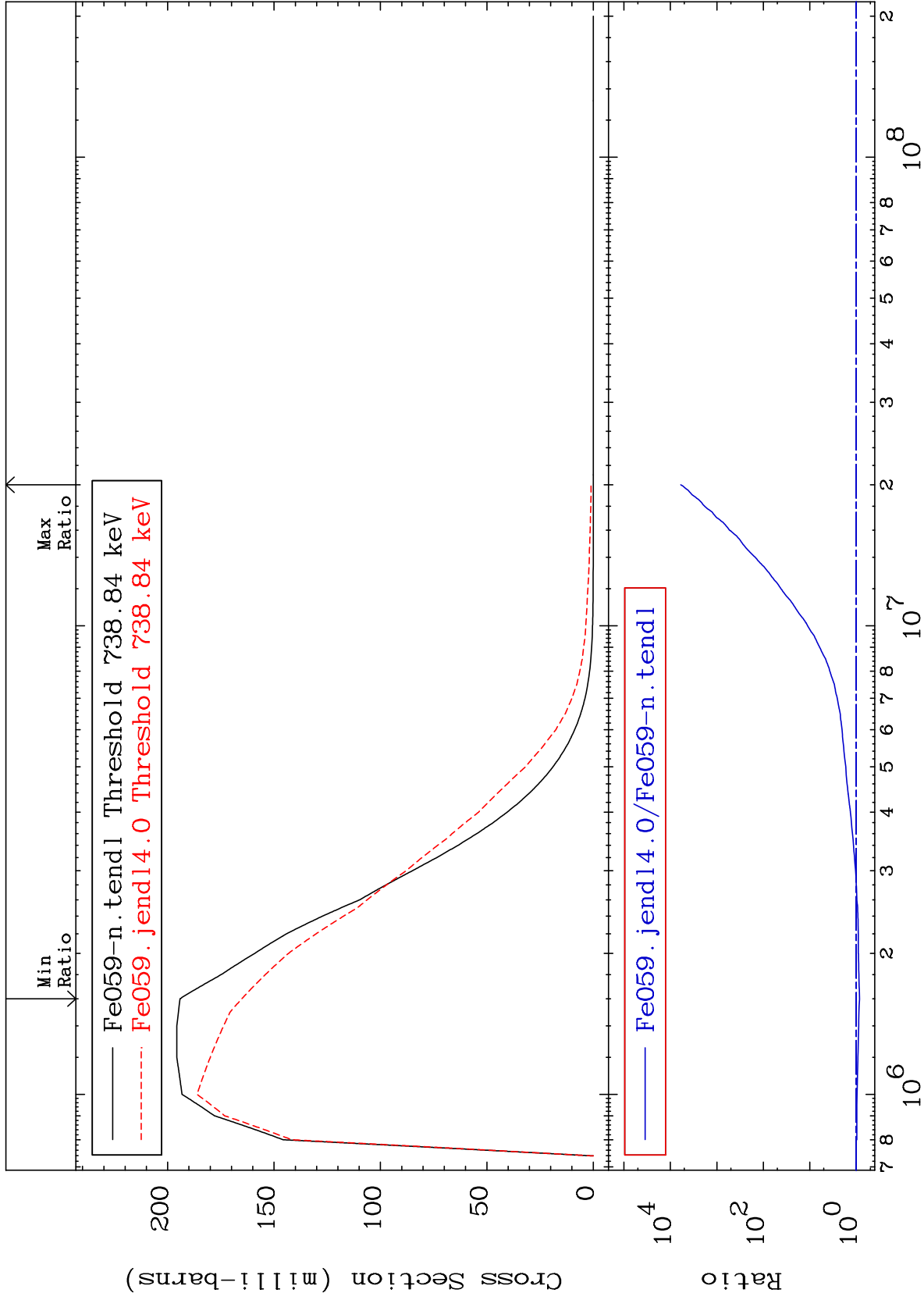
MAT 2640

726.4 keV (n,n') Level

<sup>26</sup>Fe-59

-14.97 To 9999. %

Cross Section



14

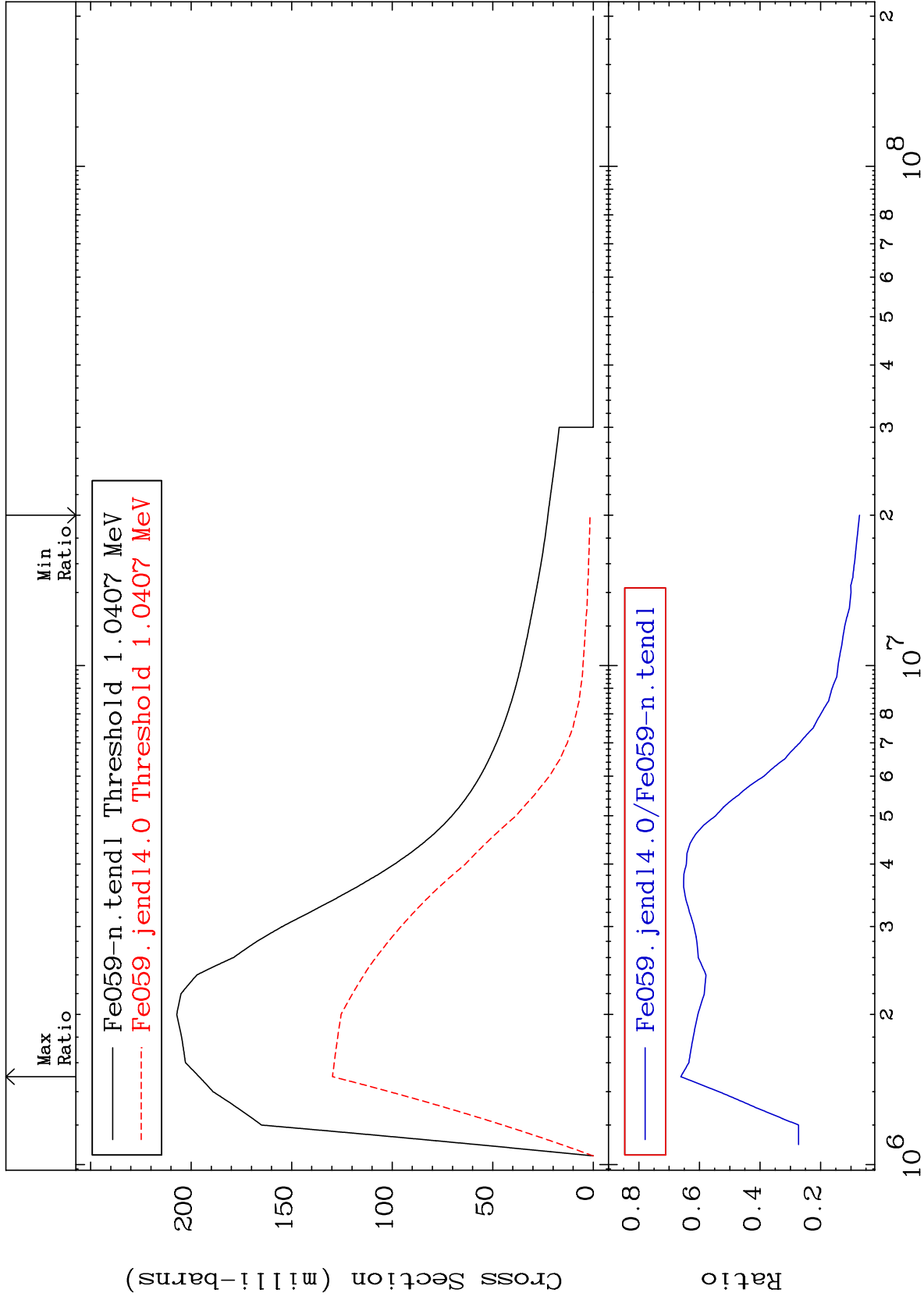
Incident Energy (eV)

<sup>26</sup>Fe-59

MAT 2640

1.023 MeV (n,n') Level  
Cross Section

<sup>26</sup>Fe-59  
-92.84 To -33.83%

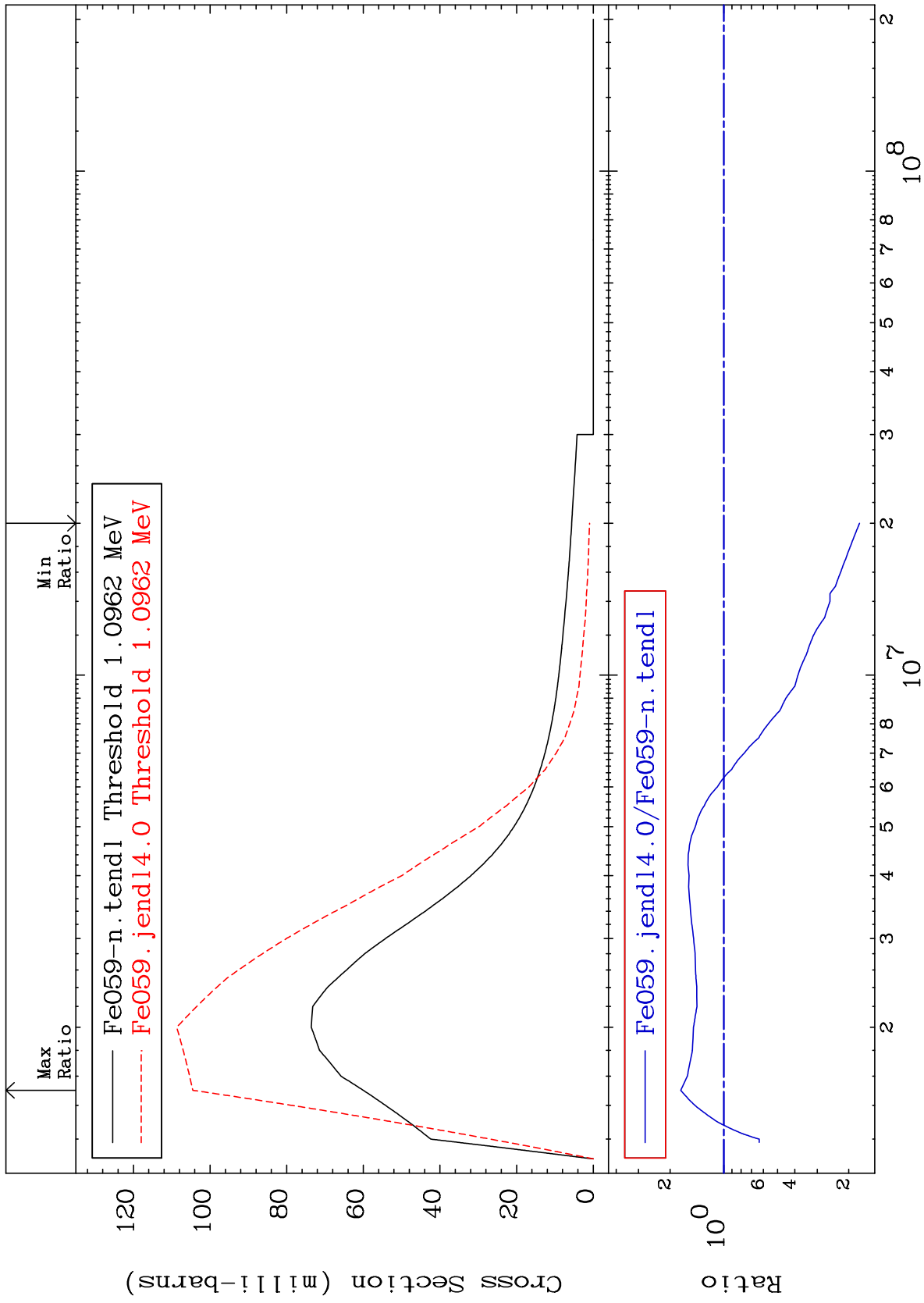


15

Incident Energy (eV)

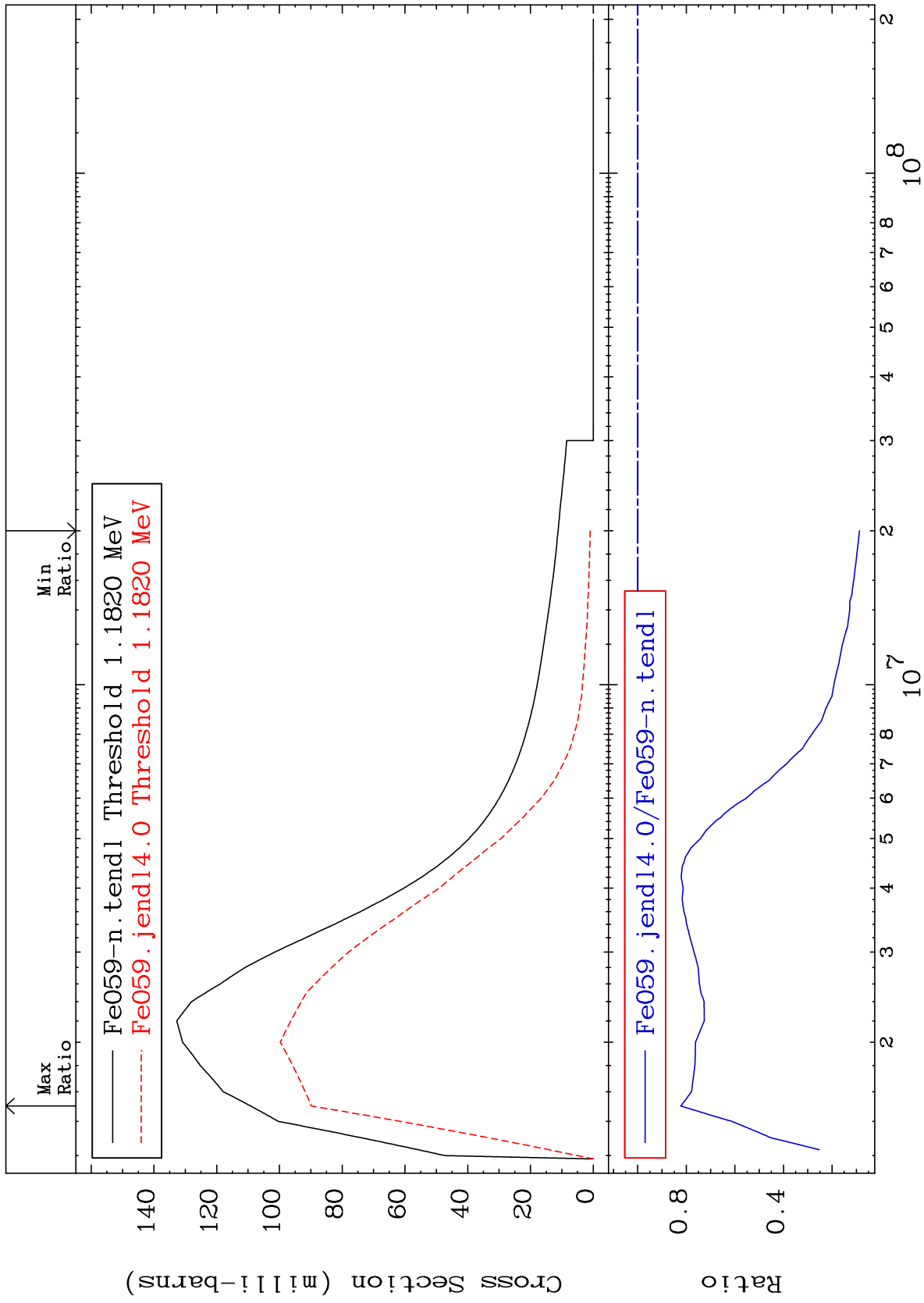
<sup>26</sup>Fe-59

MAT 2640      1.078 MeV (n,n') Level      26-Fe-59  
 Cross Section      -82.62 To 74.09 %





MAT 2640      1.162 MeV (n,n') Level      26-Fe-59  
 Cross Section      -91.31 To -17.72%

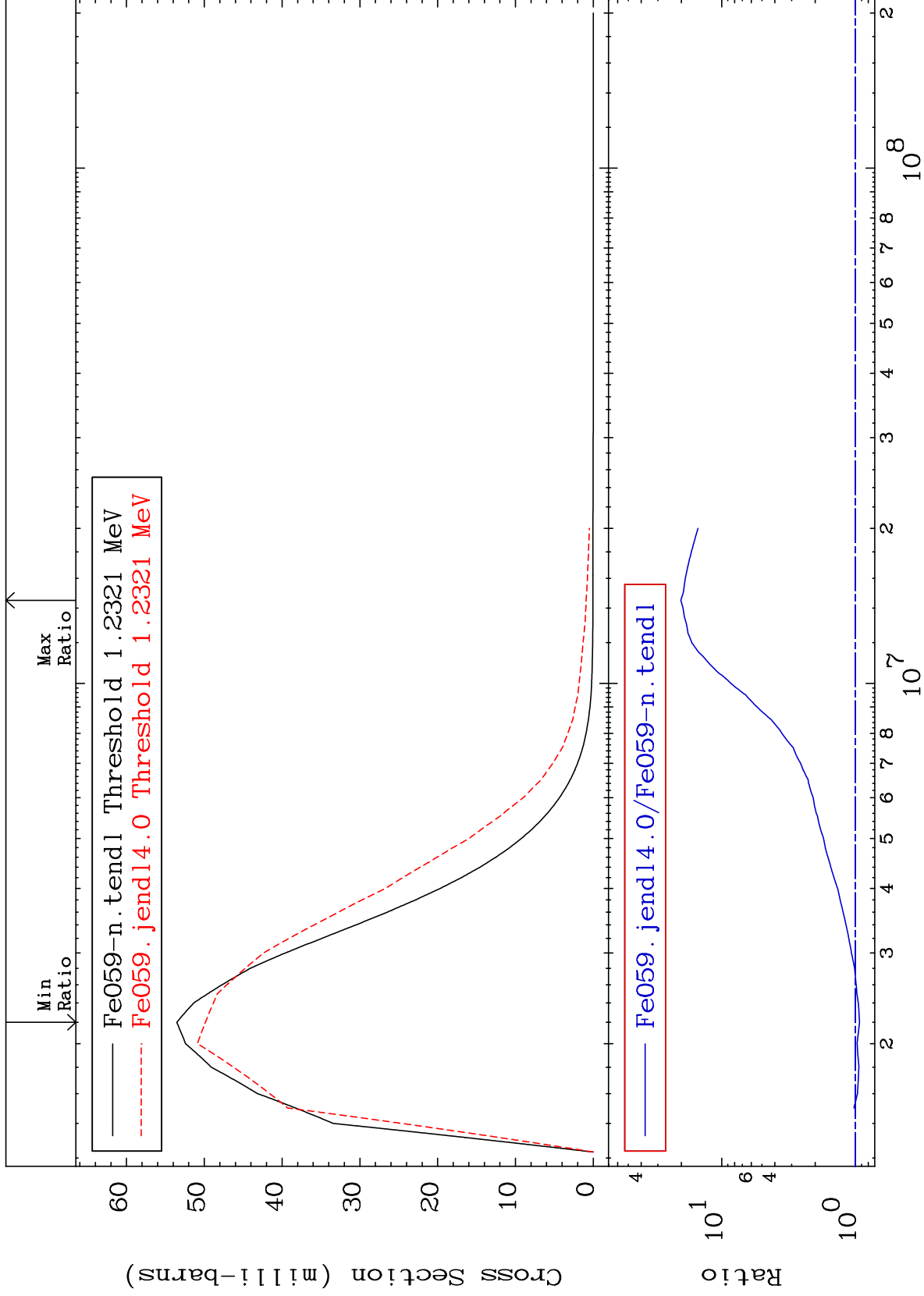


17      Incident Energy (eV)      26-Fe-59

MAT 2640

1.211 MeV (n,n') Level  
Cross Section

<sup>26</sup>Fe-59  
-6.885 To 1924. %



18

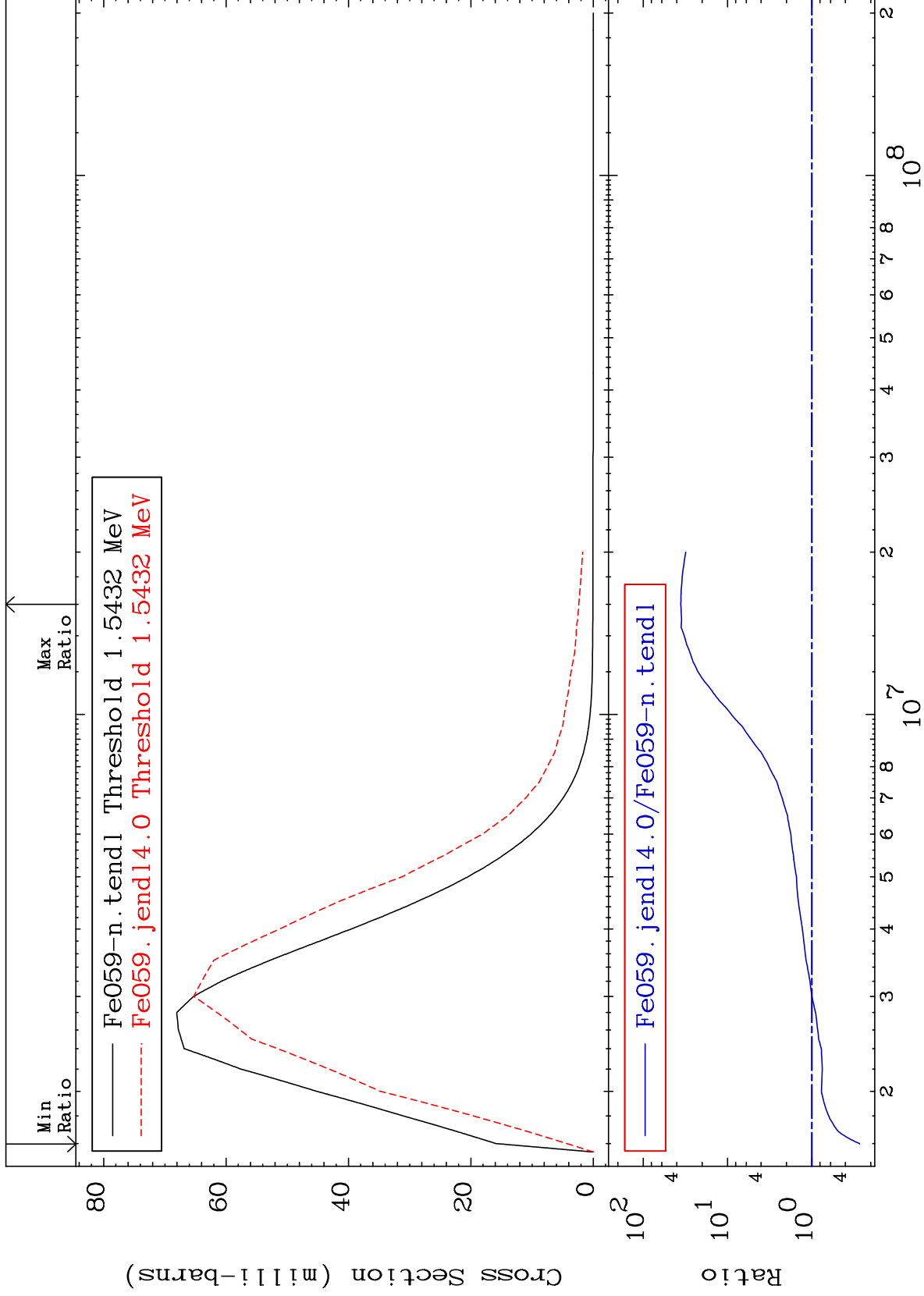
Incident Energy (eV)

<sup>26</sup>Fe-59

MAT 2640

1.517 MeV (n,n') Level  
Cross Section

26-Fe-59  
-72.81 To 3481. %

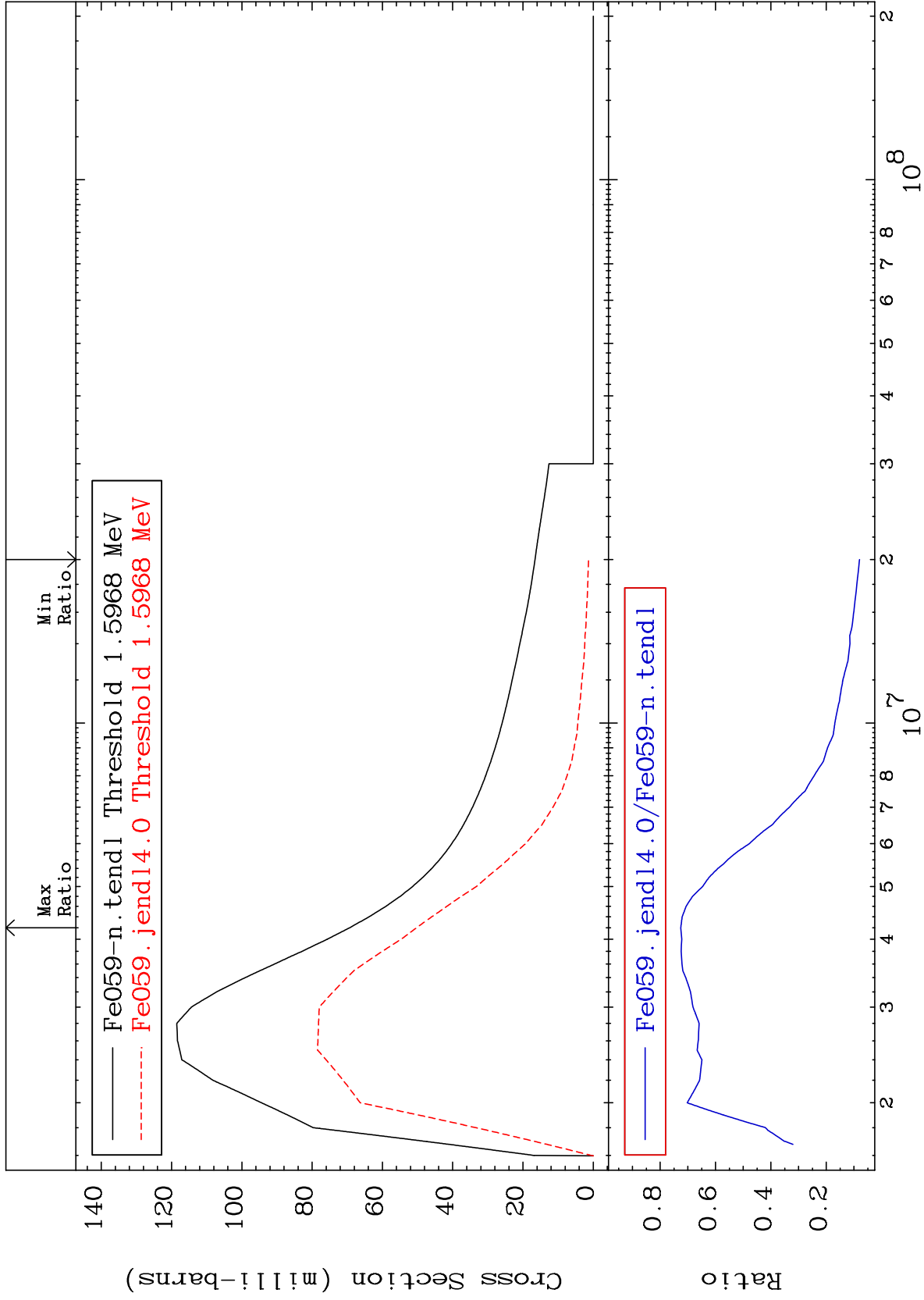


MAT 2640

1.570 MeV (n,n') Level

<sup>26</sup>Fe-59

-92.02 To -27.43%



20

Incident Energy (eV)

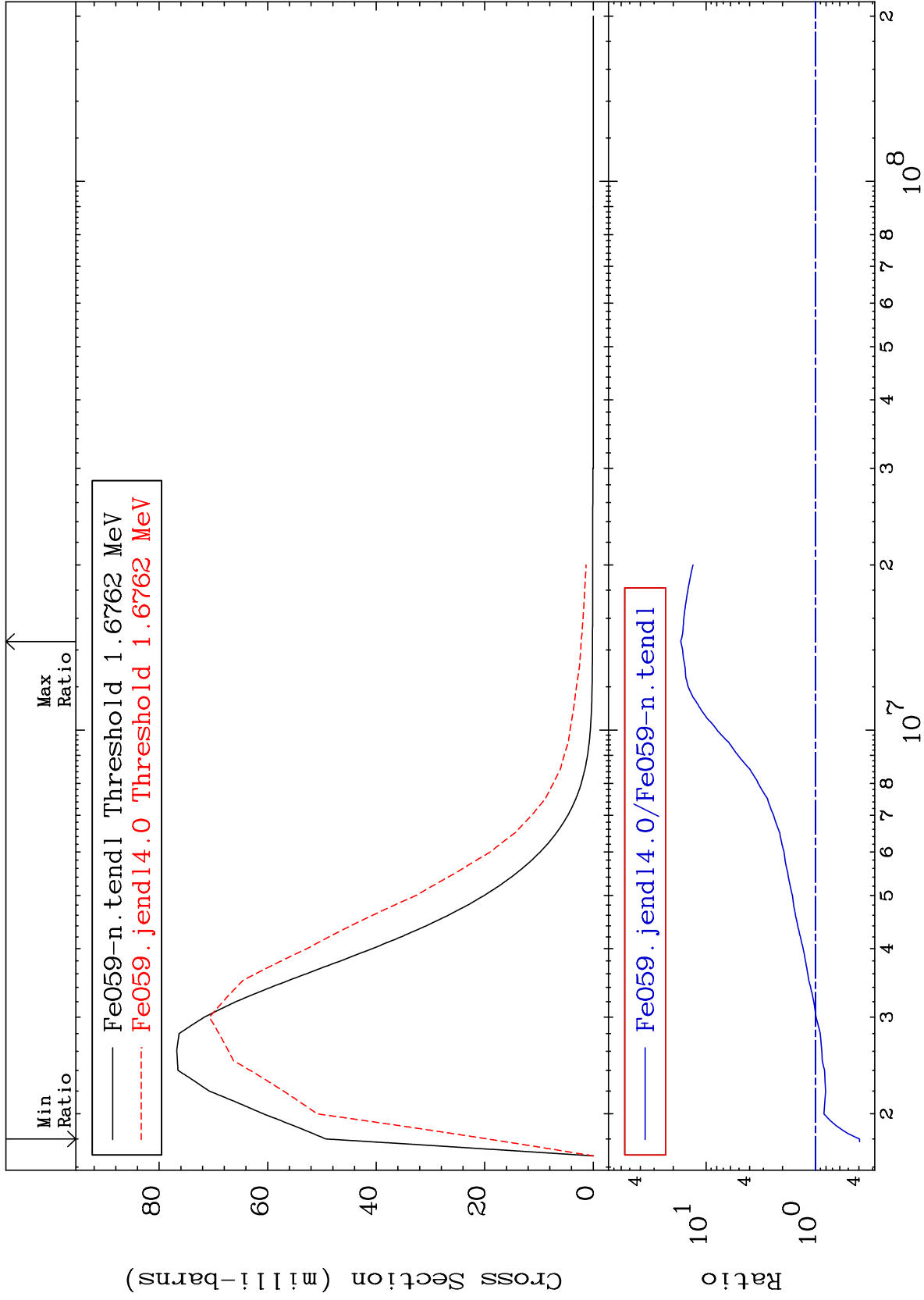
<sup>26</sup>Fe-59

MAT 2640

1.648 MeV (n,n') Level

<sup>26</sup>Fe-59

-60.50 To 1608. %



21

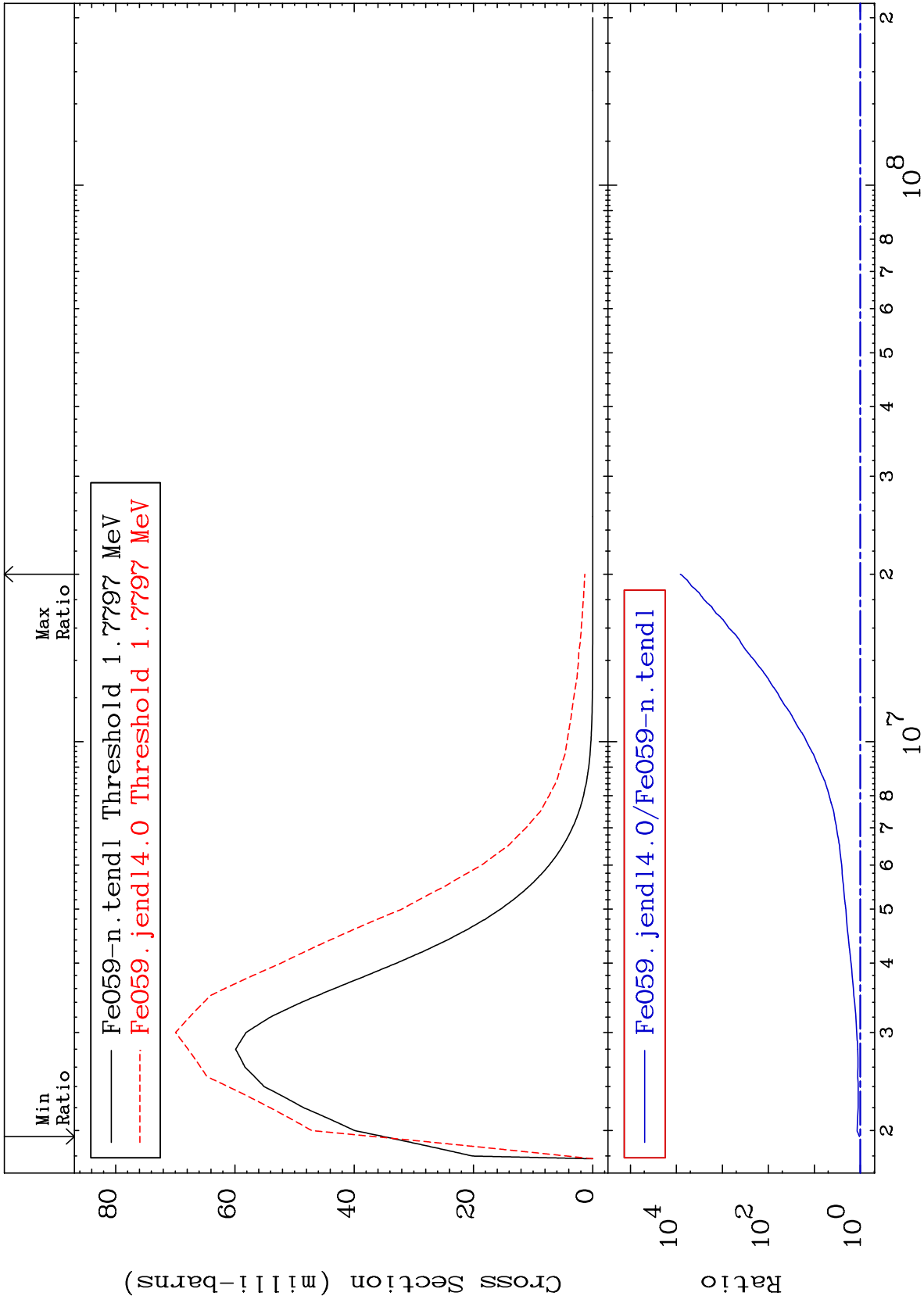
Incident Energy (eV)

<sup>26</sup>Fe-59

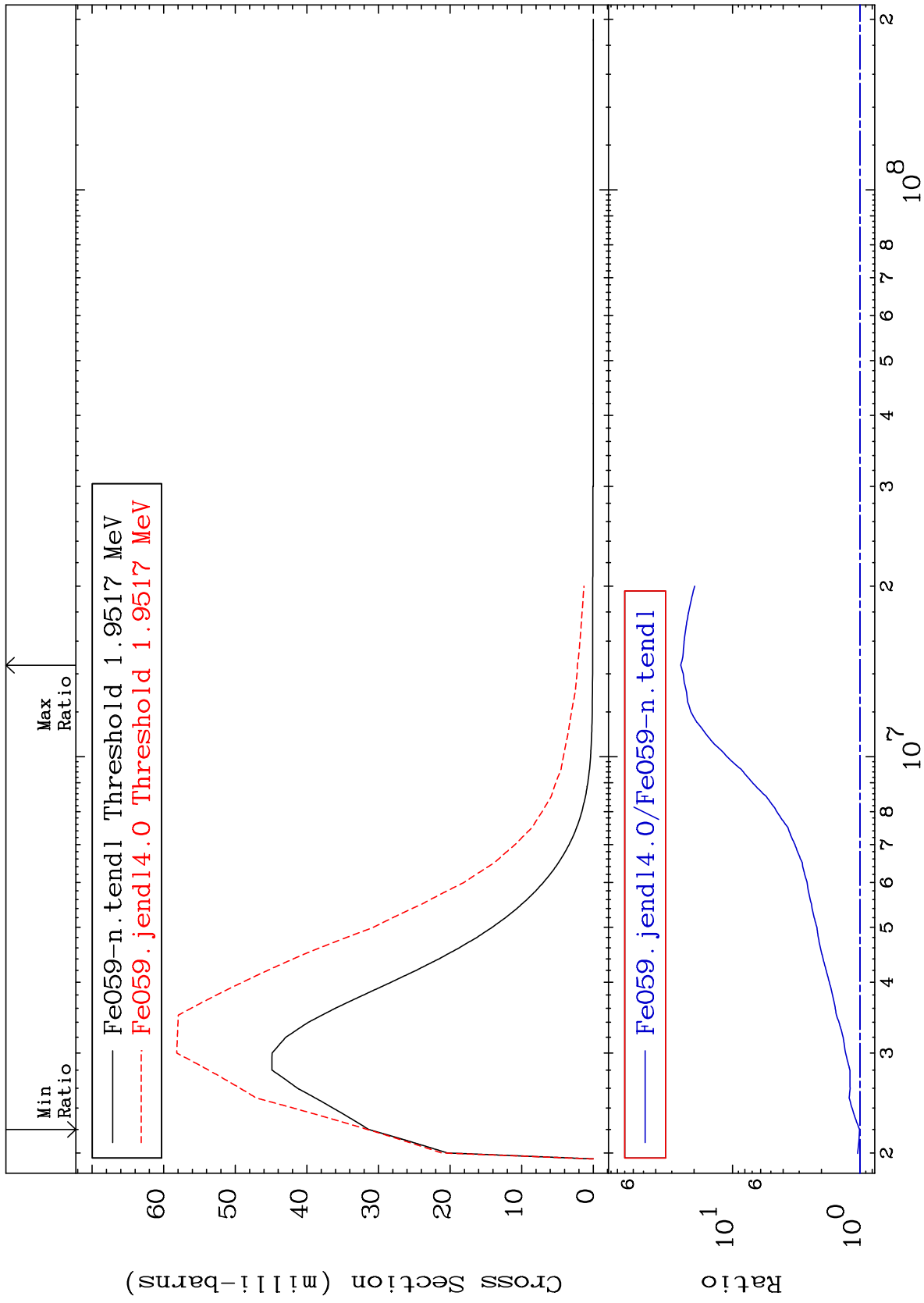
MAT 2640

1.750 MeV (n,n') Level  
Cross Section

26-Fe-59  
4.667 To 9999. %



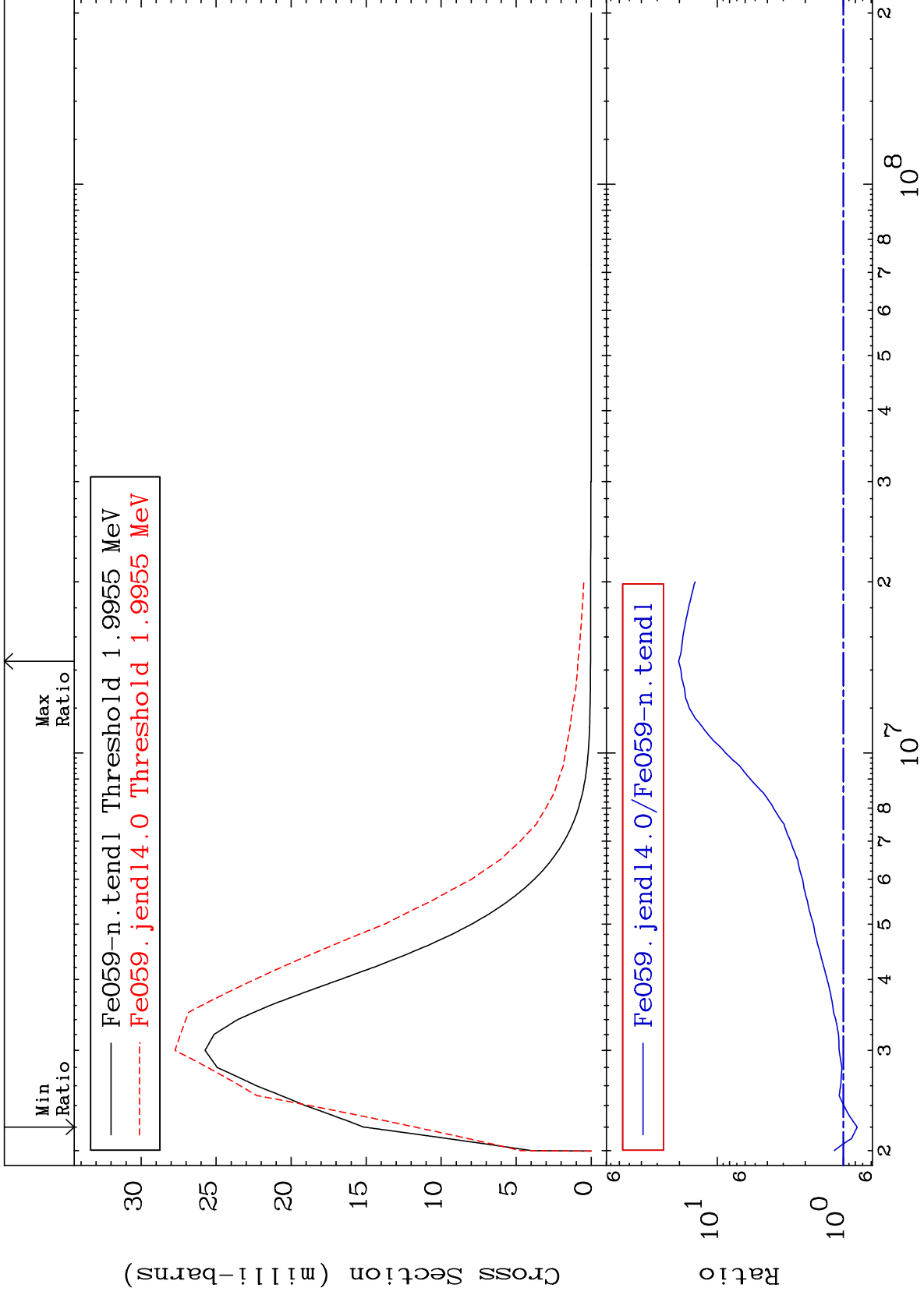
MAT 2640      1.919 MeV (n,n') Level Cross Section      26-Fe-59 To 2447. %



MAT 2640

1.962 MeV (n,n') Level  
Cross Section

26-Fe-59  
-22.59 To 1926. %



24

Incident Energy (eV)

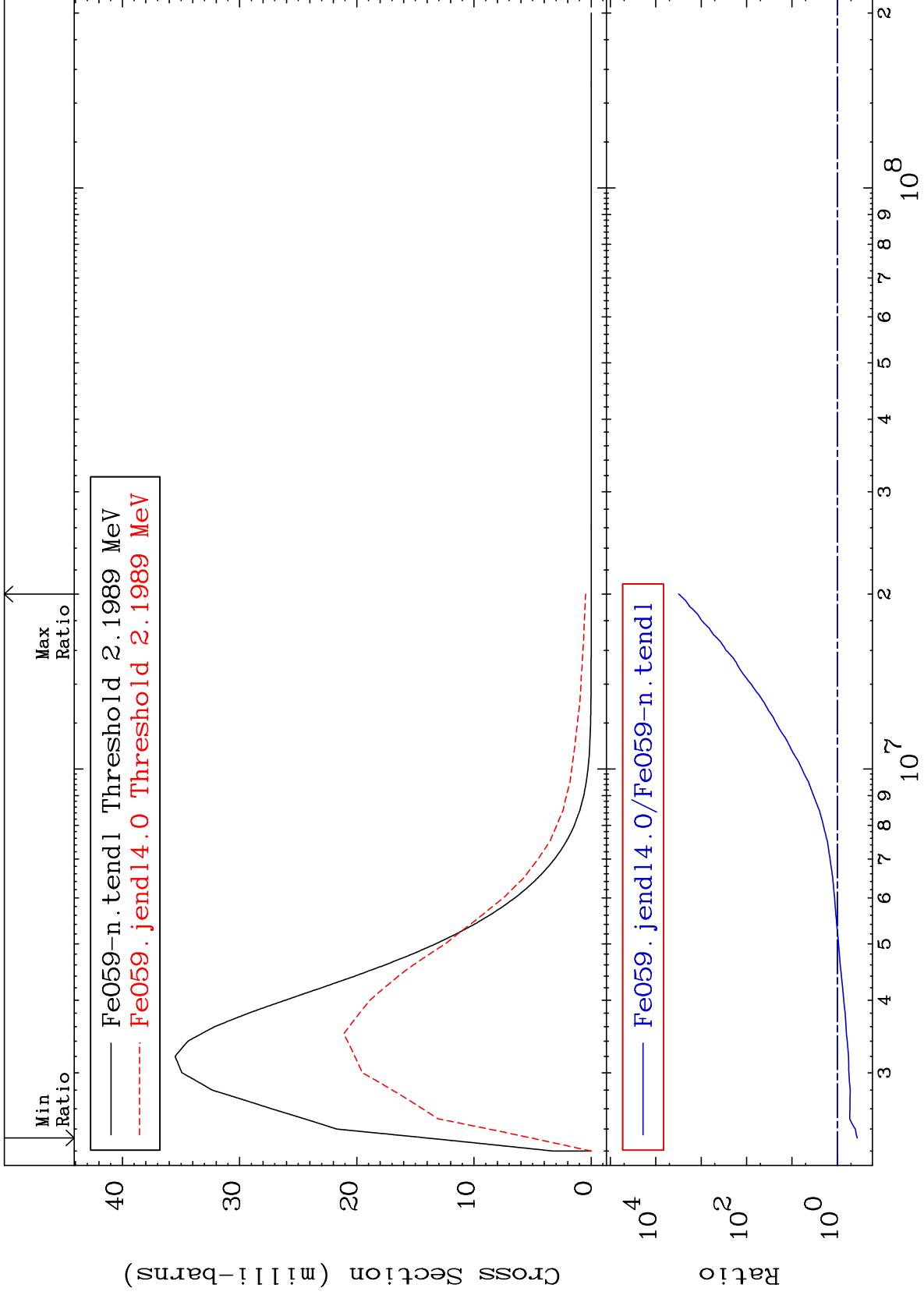
26-Fe-59



MAT 2640

2.162 MeV (n,n') Level  
Cross Section

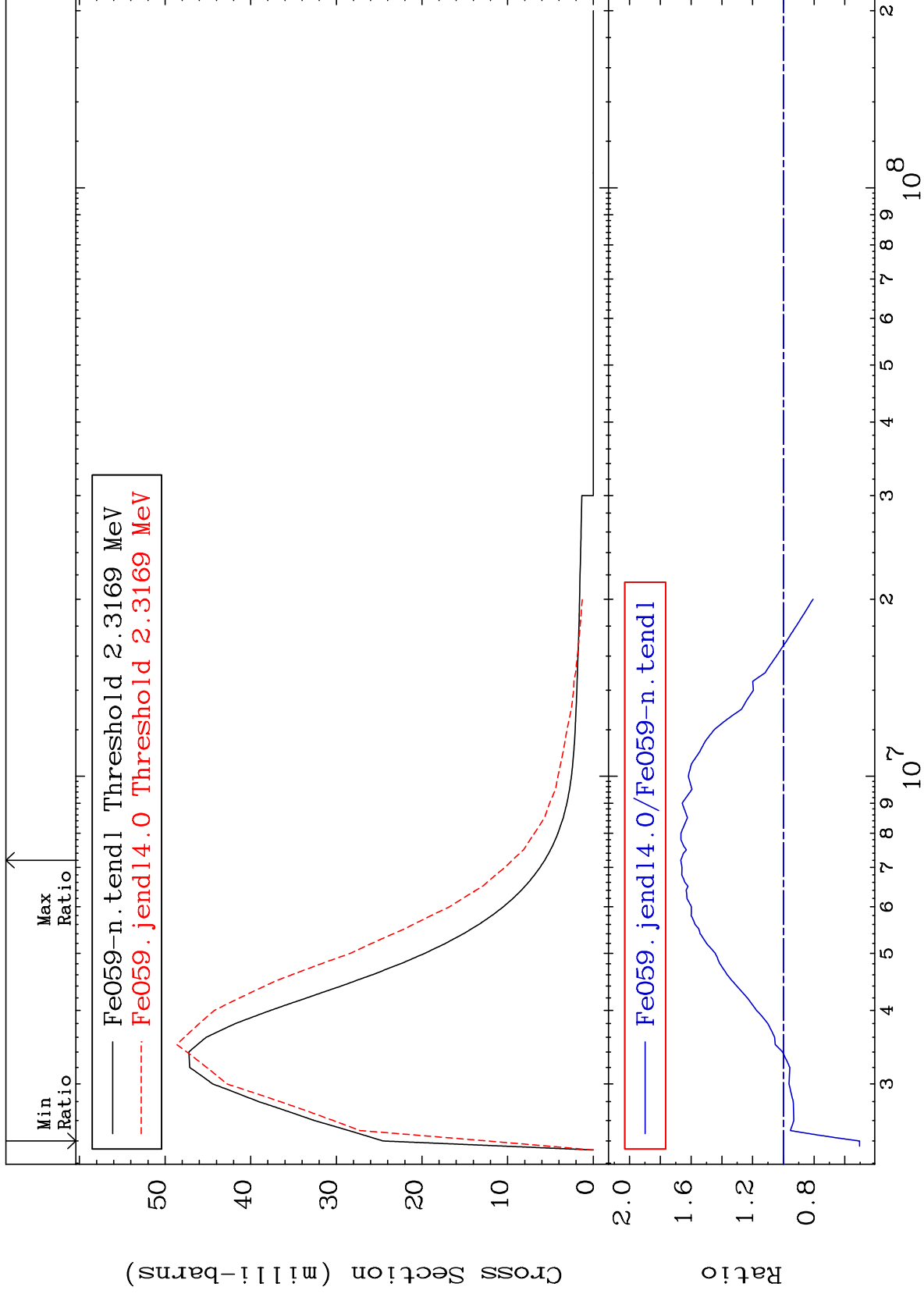
26-Fe-59  
-63.51 To 9999. %



MAT 2640

2.278 MeV (n,n') Level  
Cross Section

<sup>26</sup>Fe-59  
-49.58 To 66.72 %



26

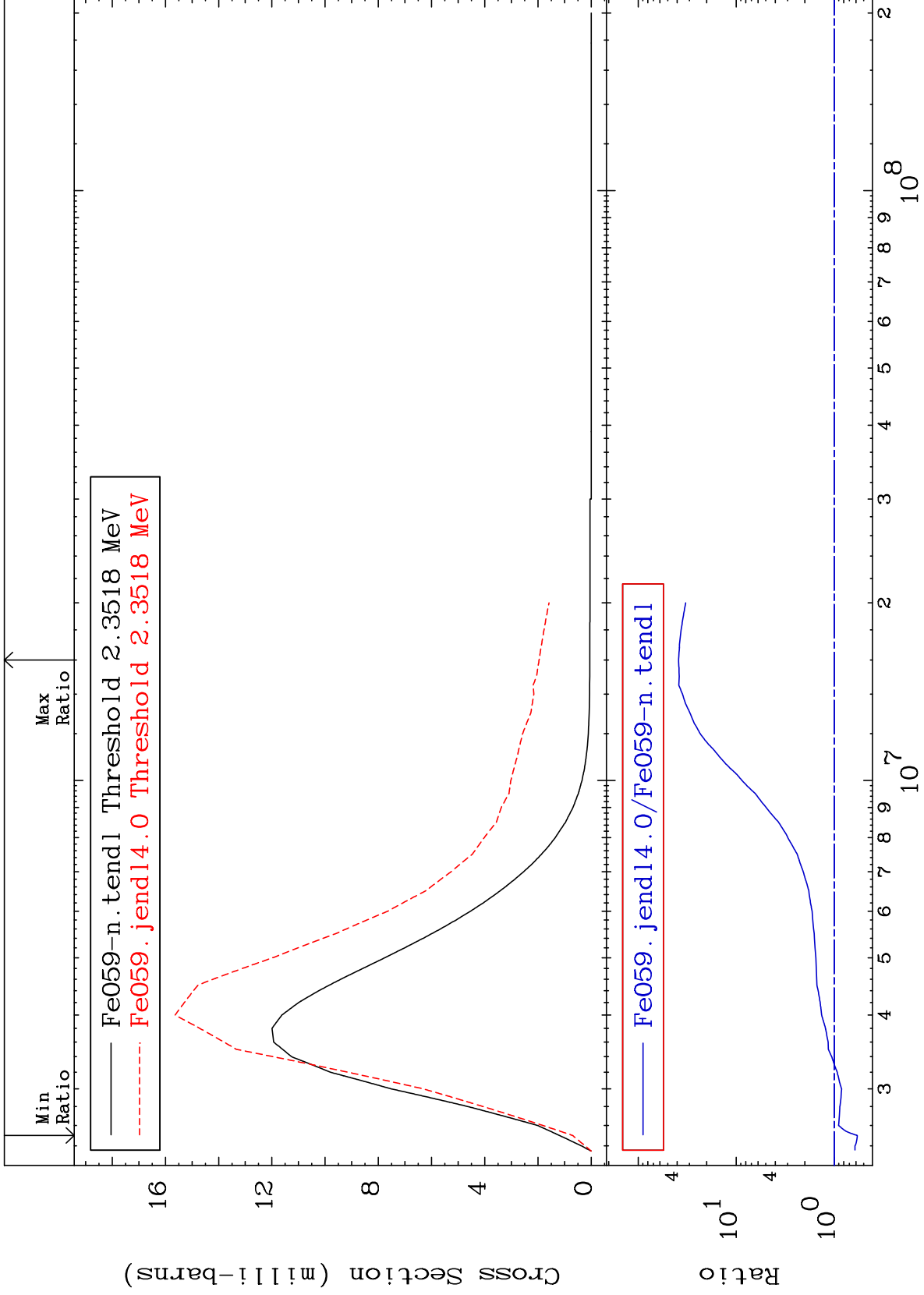
Incident Energy (eV)

<sup>26</sup>Fe-59

MAT 2640

2.312 MeV (n,n') Level  
Cross Section

26-Fe-59  
-41.77 To 3770. %



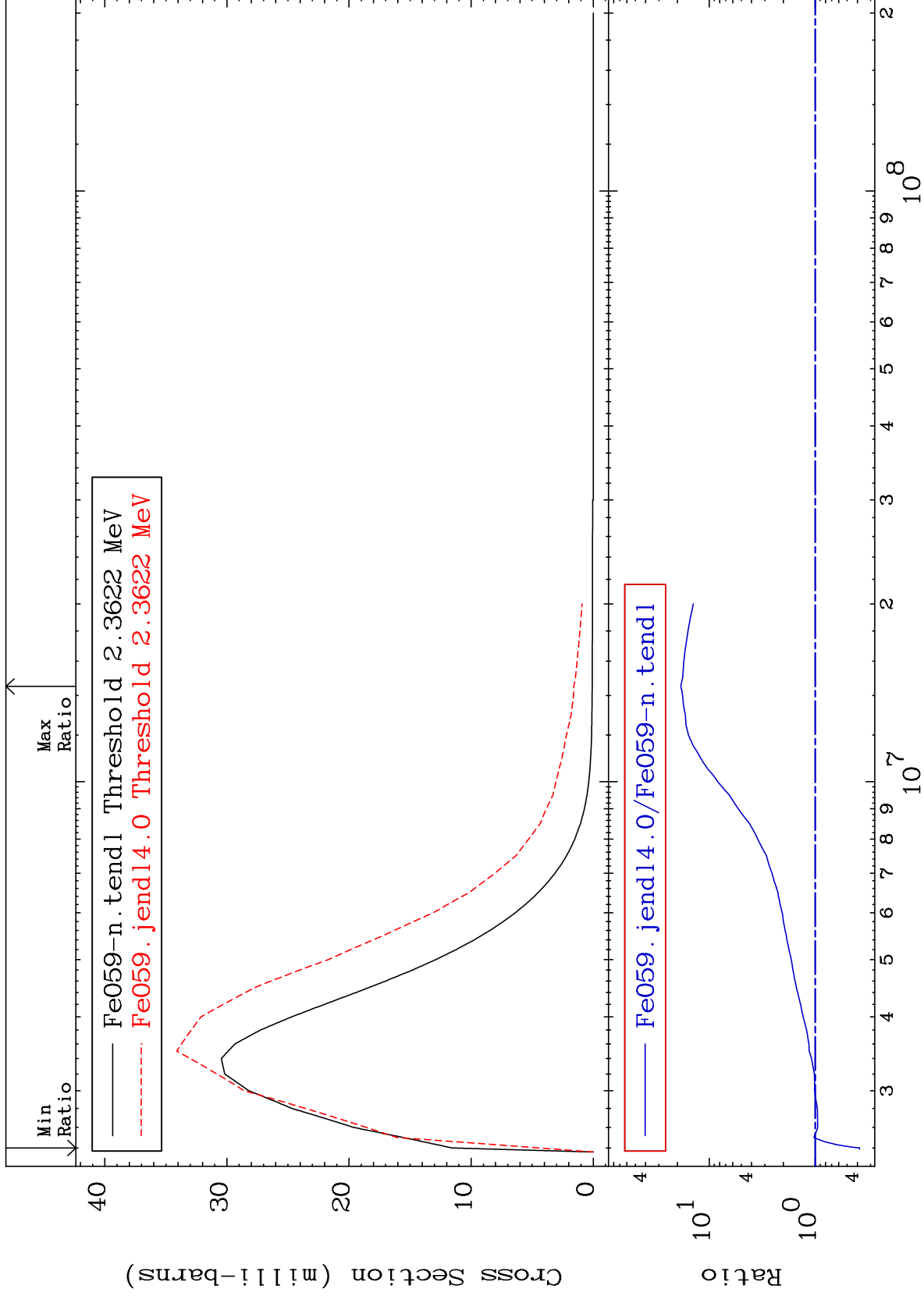
MAT 2640

2.322 MeV (n,n') Level

26-Fe-59

-61.81 To 1761. %

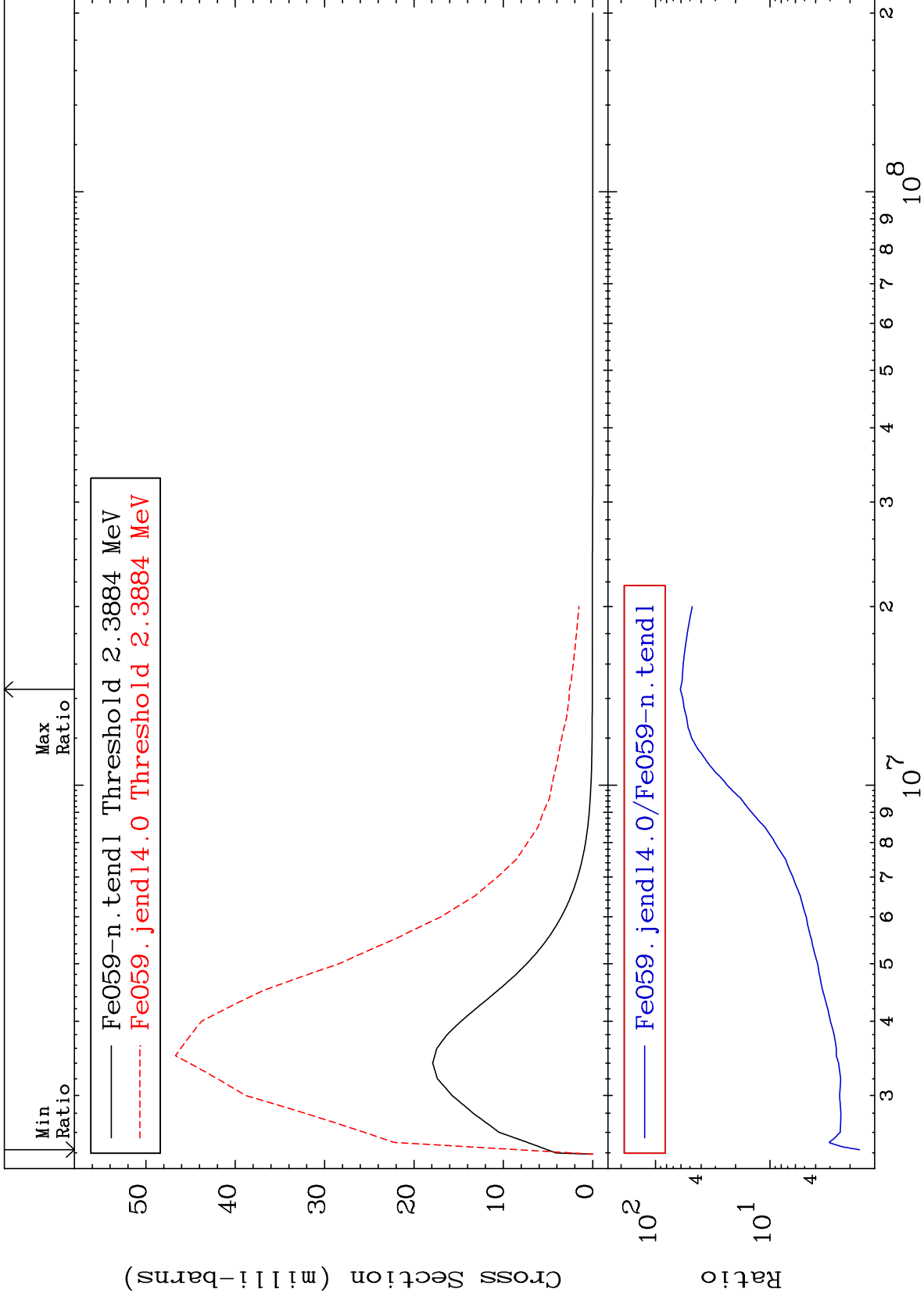
Cross Section



MAT 2640

2.348 MeV (n,n') Level  
Cross Section

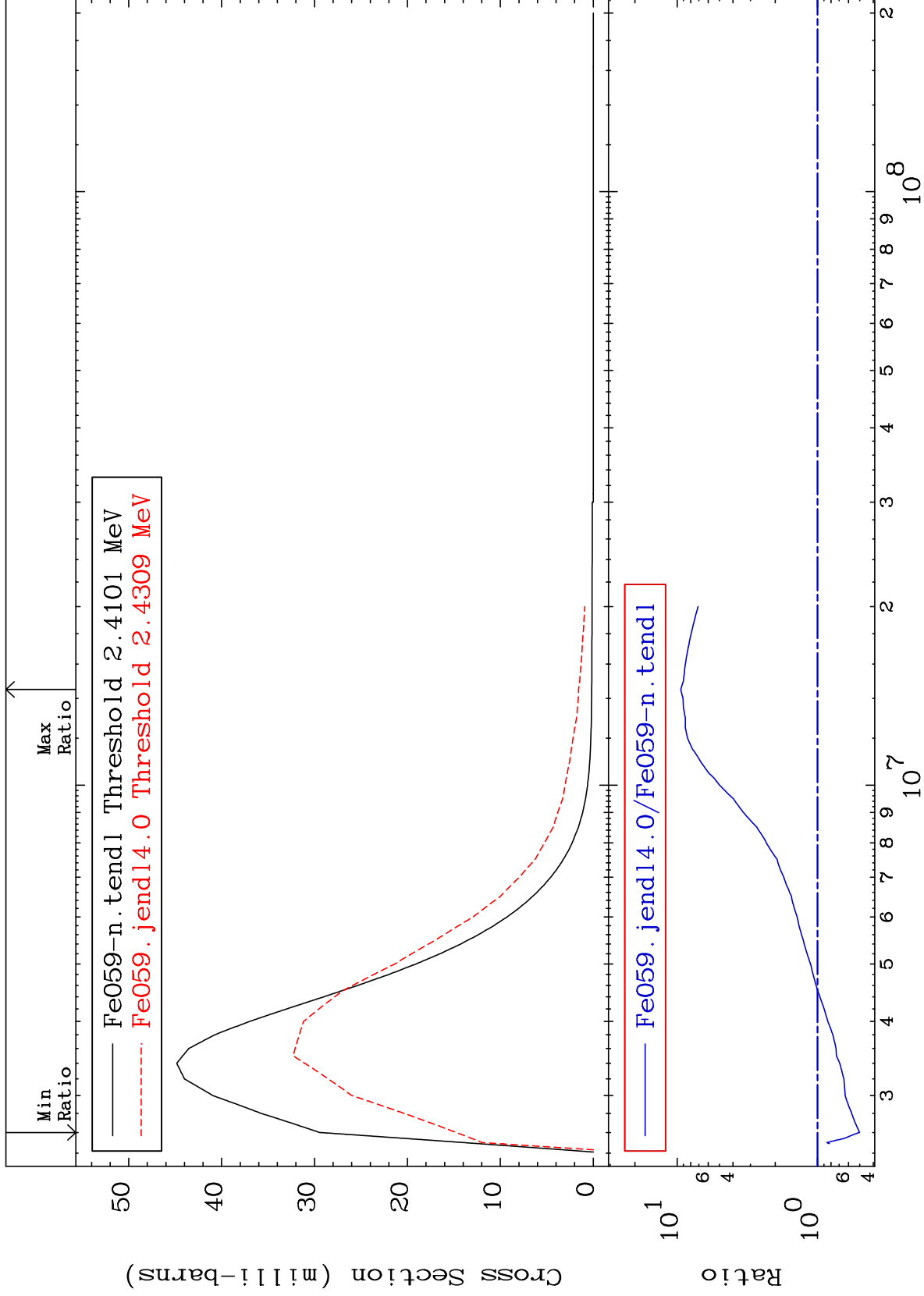
26-Fe-59  
65.77 To 5969. %



MAT 2640

2.370 MeV (n,n') Level  
Cross Section

<sup>26</sup>Fe-59  
-49.89 To 841.7 %

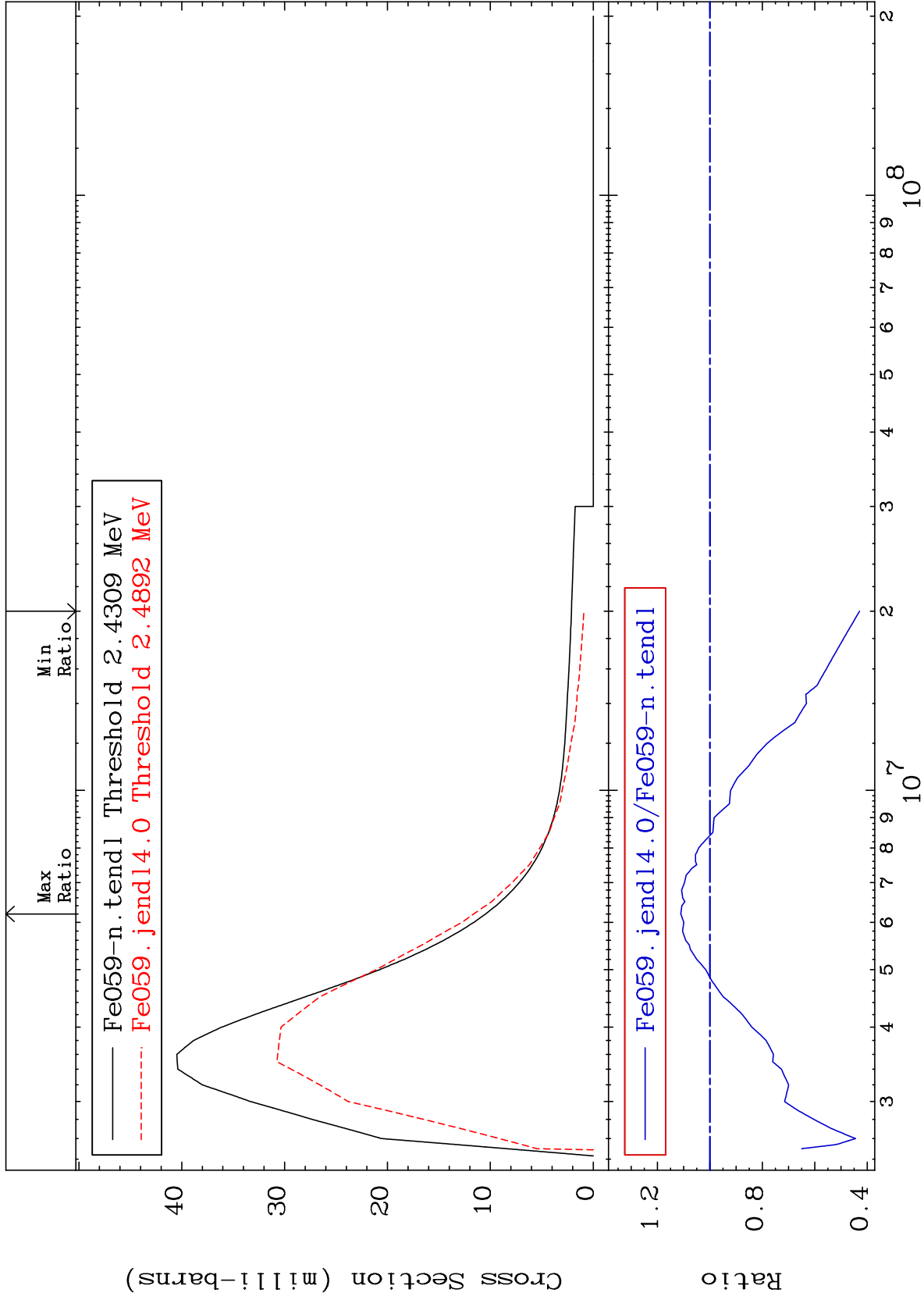


30

Incident Energy (eV)

<sup>26</sup>Fe-59

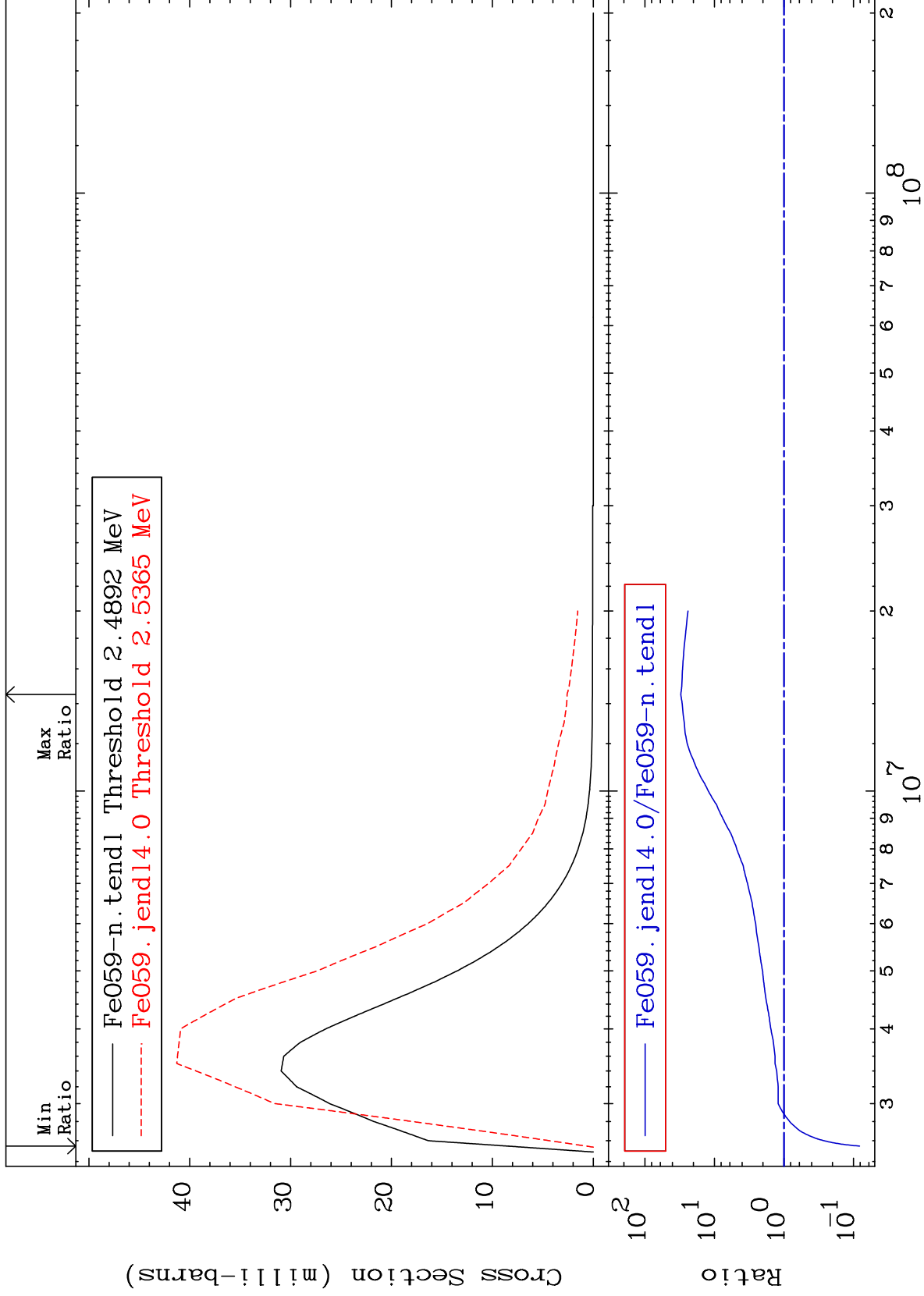
MAT 2640 26-Fe-59  
-57.09 To 11.10 %  
 2.390 MeV (n,n') Level  
 Cross Section



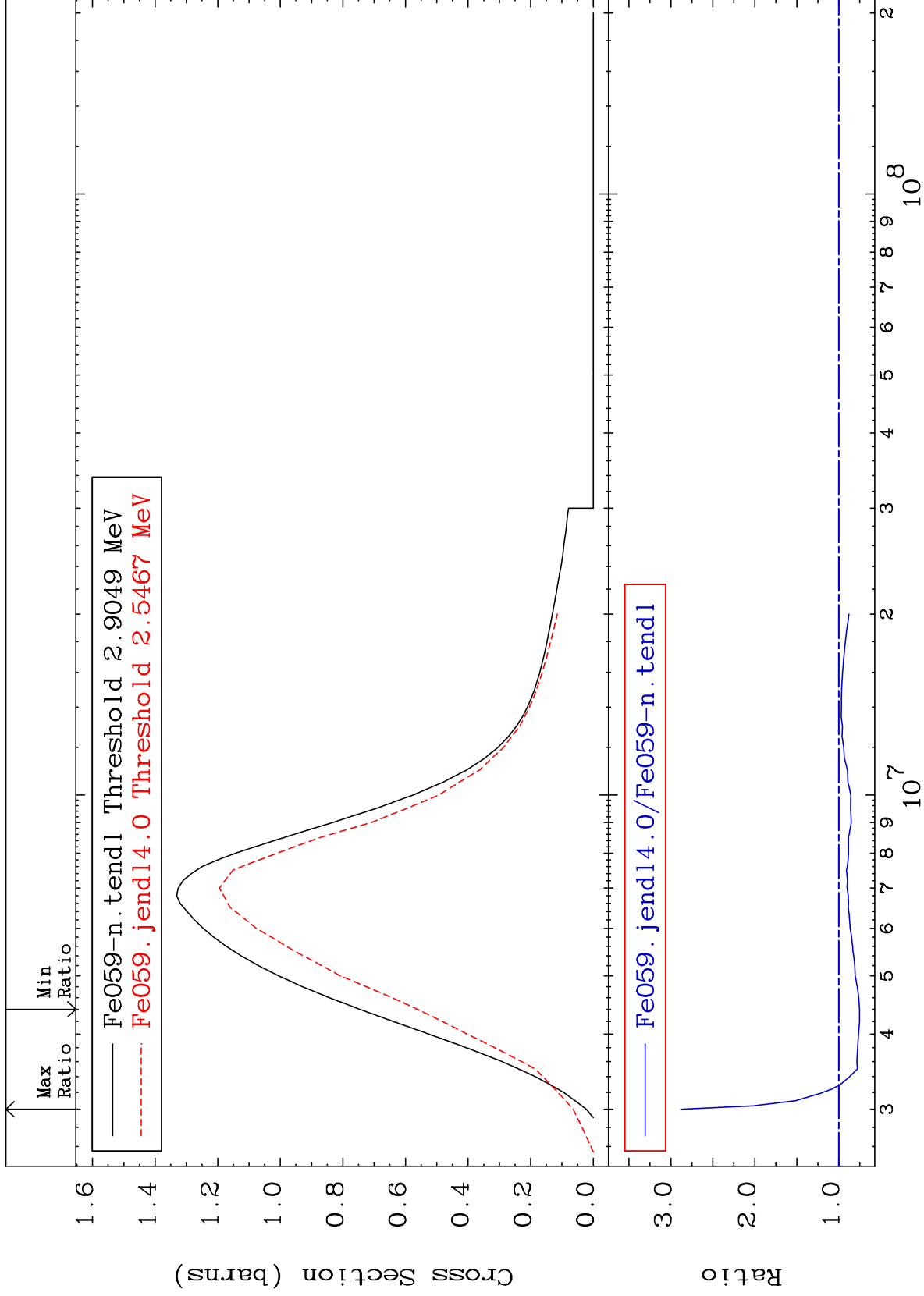
MAT 2640

2.447 MeV (n,n') Level  
Cross Section

26-Fe-59  
-91.83 To 2941. %







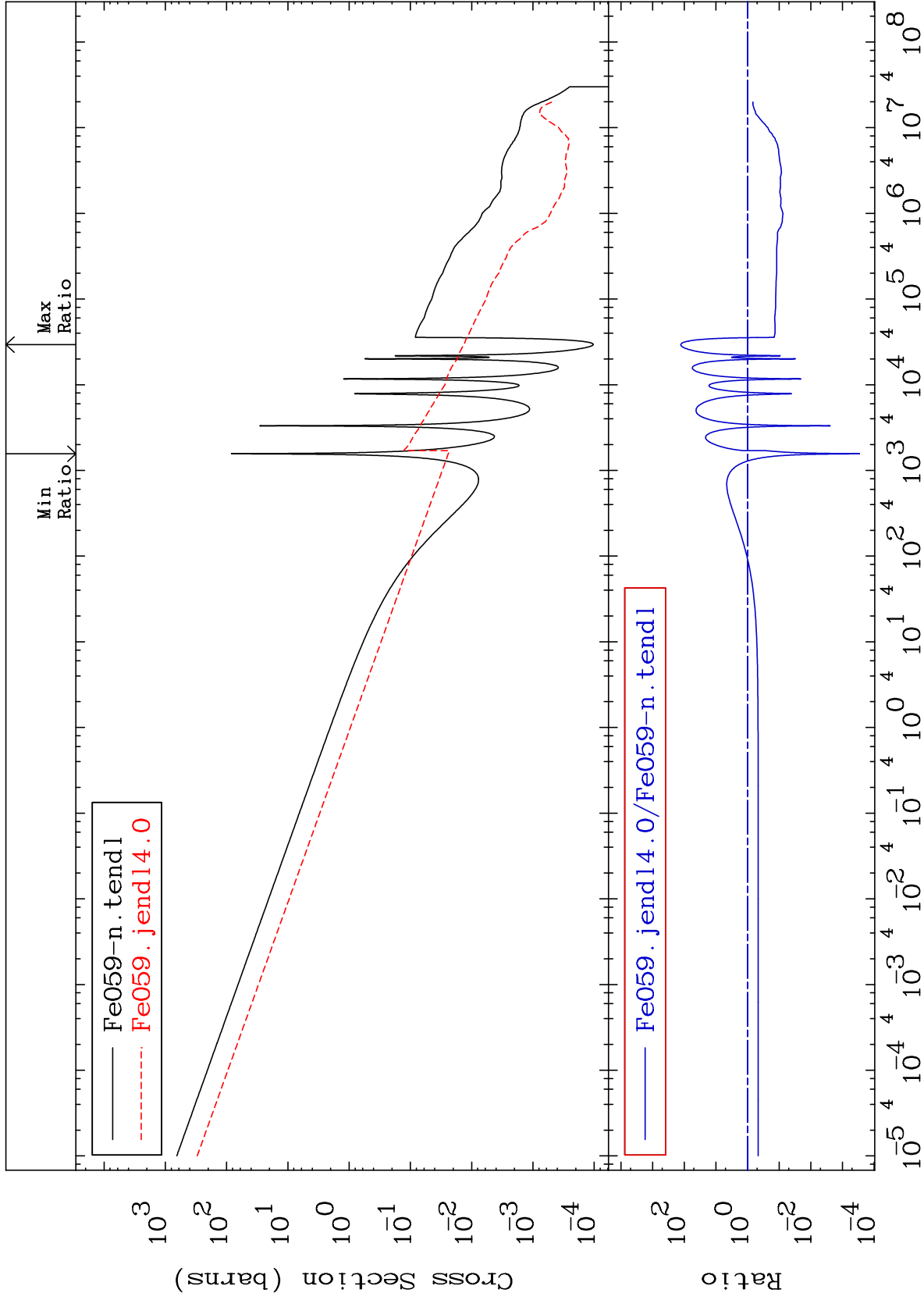
MAT 2640

(n,  $\gamma$ )

26-Fe-59

Cross Section

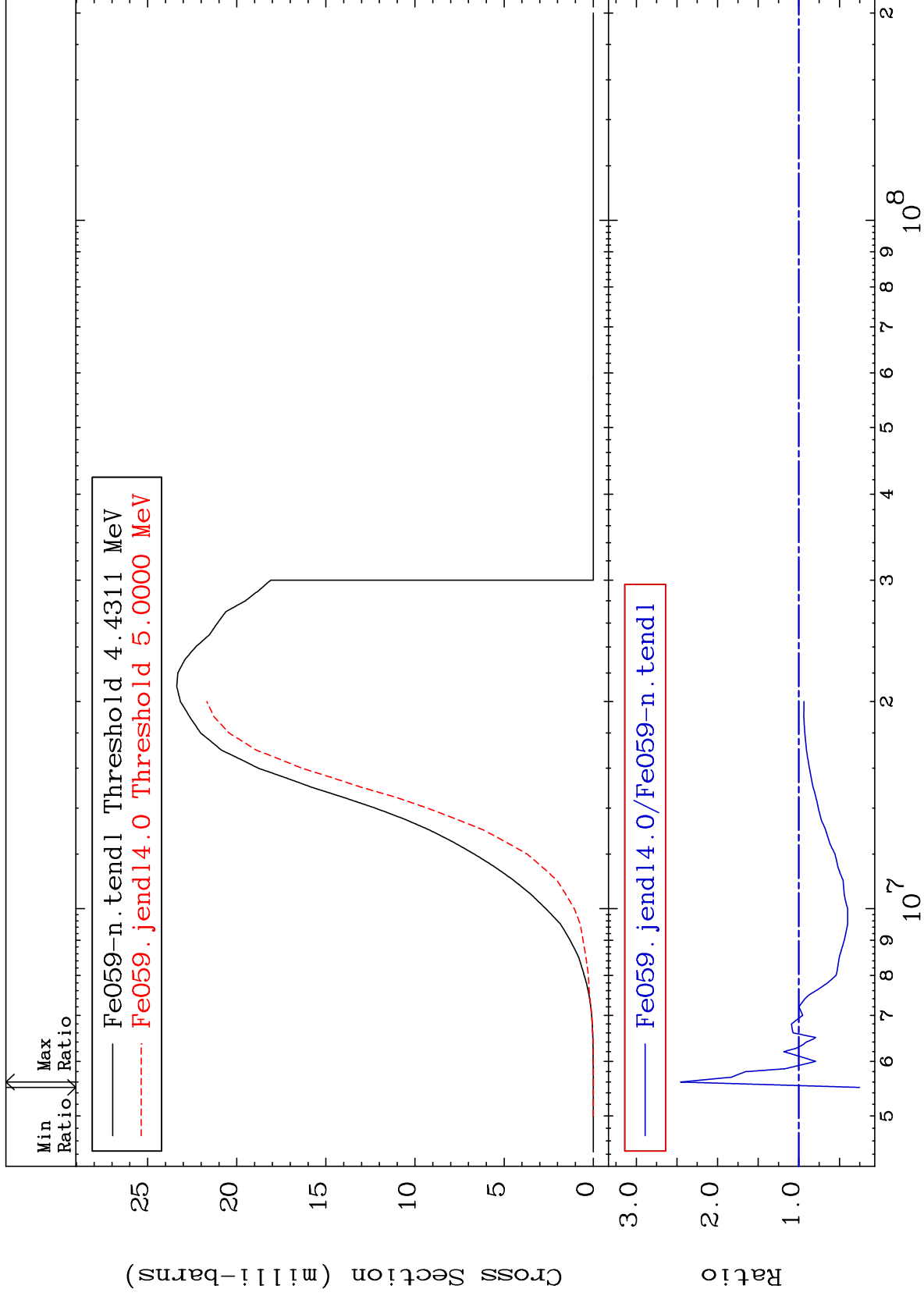
-99.97 To 9999. %



MAT 2640

(n,p)  
Cross Section

<sup>26</sup>Fe-59  
-74.68 To 145.3 %



35

Incident Energy (eV)

<sup>26</sup>Fe-59

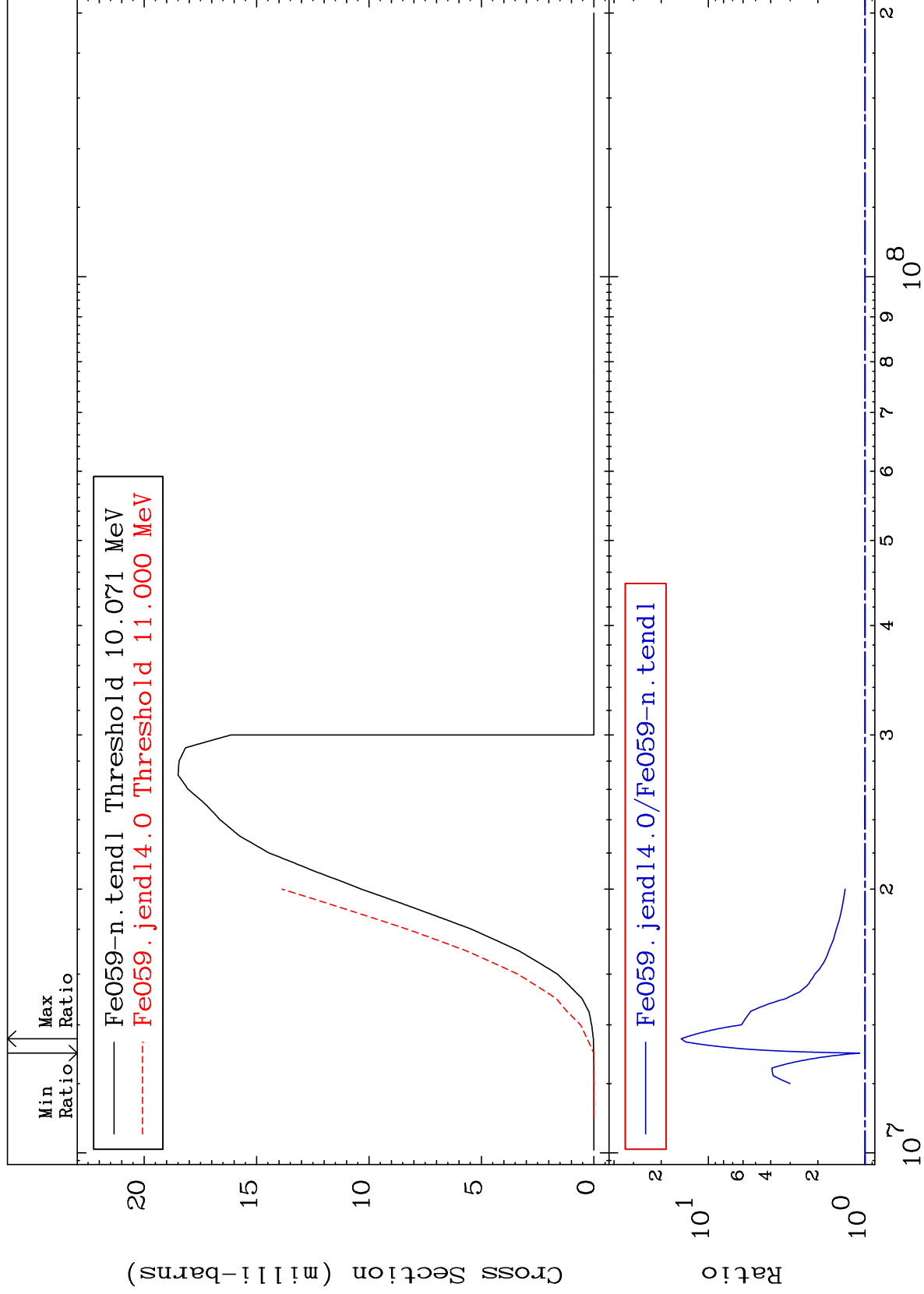
MAT 2640

(n, d)

<sup>26</sup>Fe-59

Cross Section

8.219 To 1390. %



Incident Energy (eV)

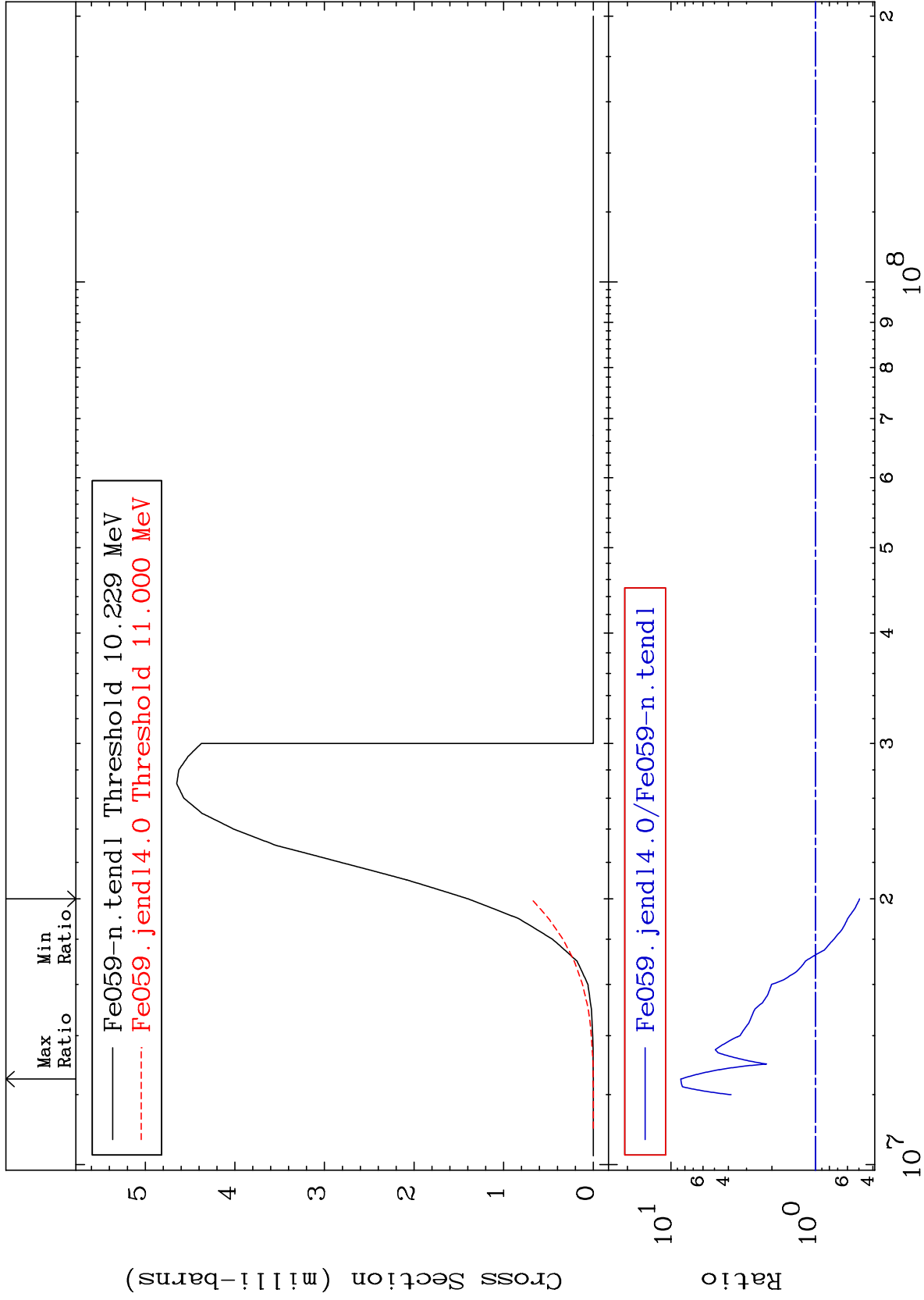
<sup>26</sup>Fe-59

36

MAT 2640

(n, t)  
Cross Section

<sup>26</sup>Fe-59  
-50.56 To 754.0 %



37

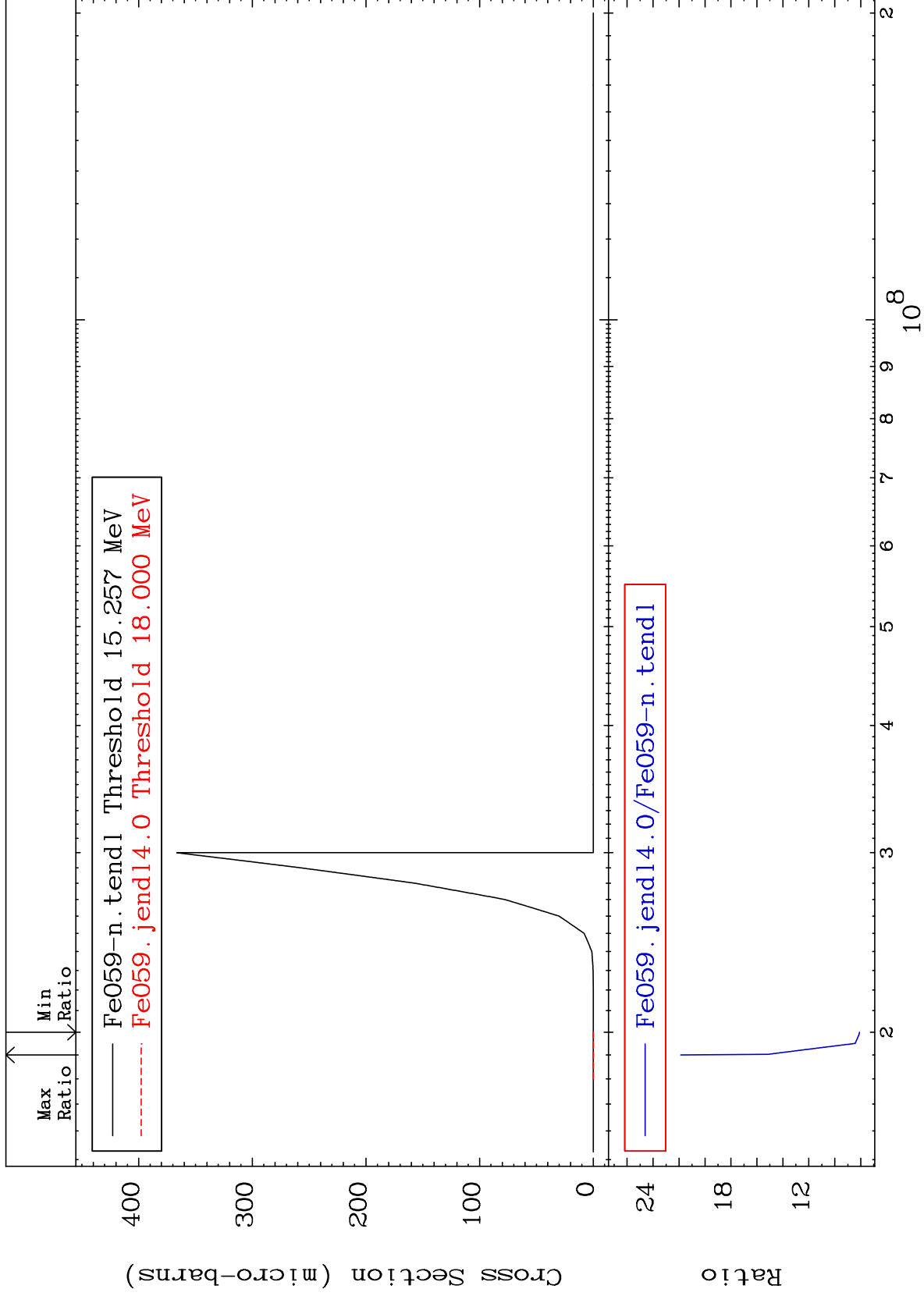
Incident Energy (eV)

<sup>26</sup>Fe-59

MAT 2640

(n, He-3)  
Cross Section

26-Fe-59  
709.4 To 2087. %



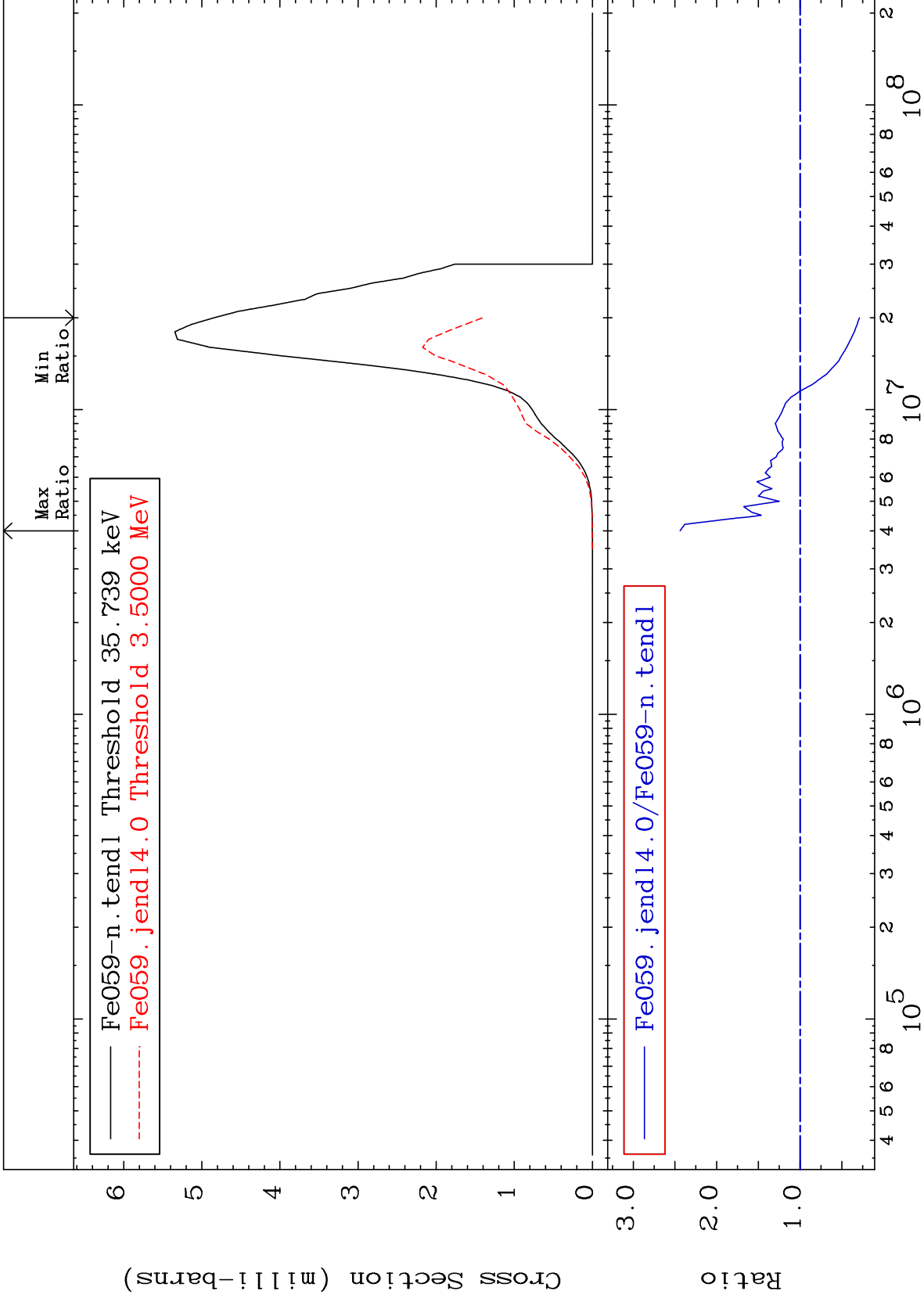
MAT 2640

(n,  $\alpha$ )

<sup>26</sup>Fe-59

Cross Section

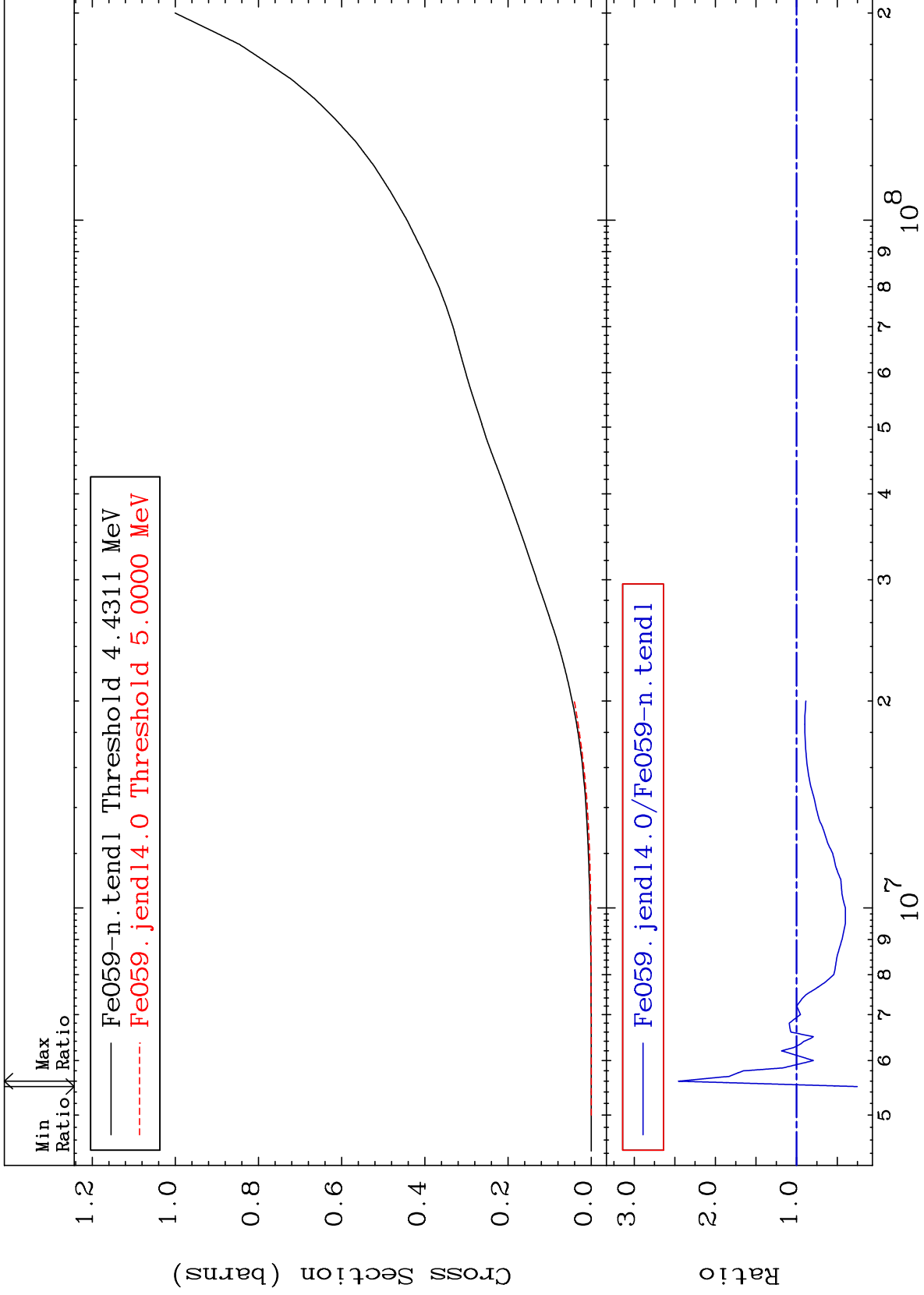
-70.98 To 143.8 %



MAT 2640

Hydrogen Production  
Cross Section

<sup>26</sup>Fe-59  
-74.68 To 145.3 %



40

Incident Energy (eV)

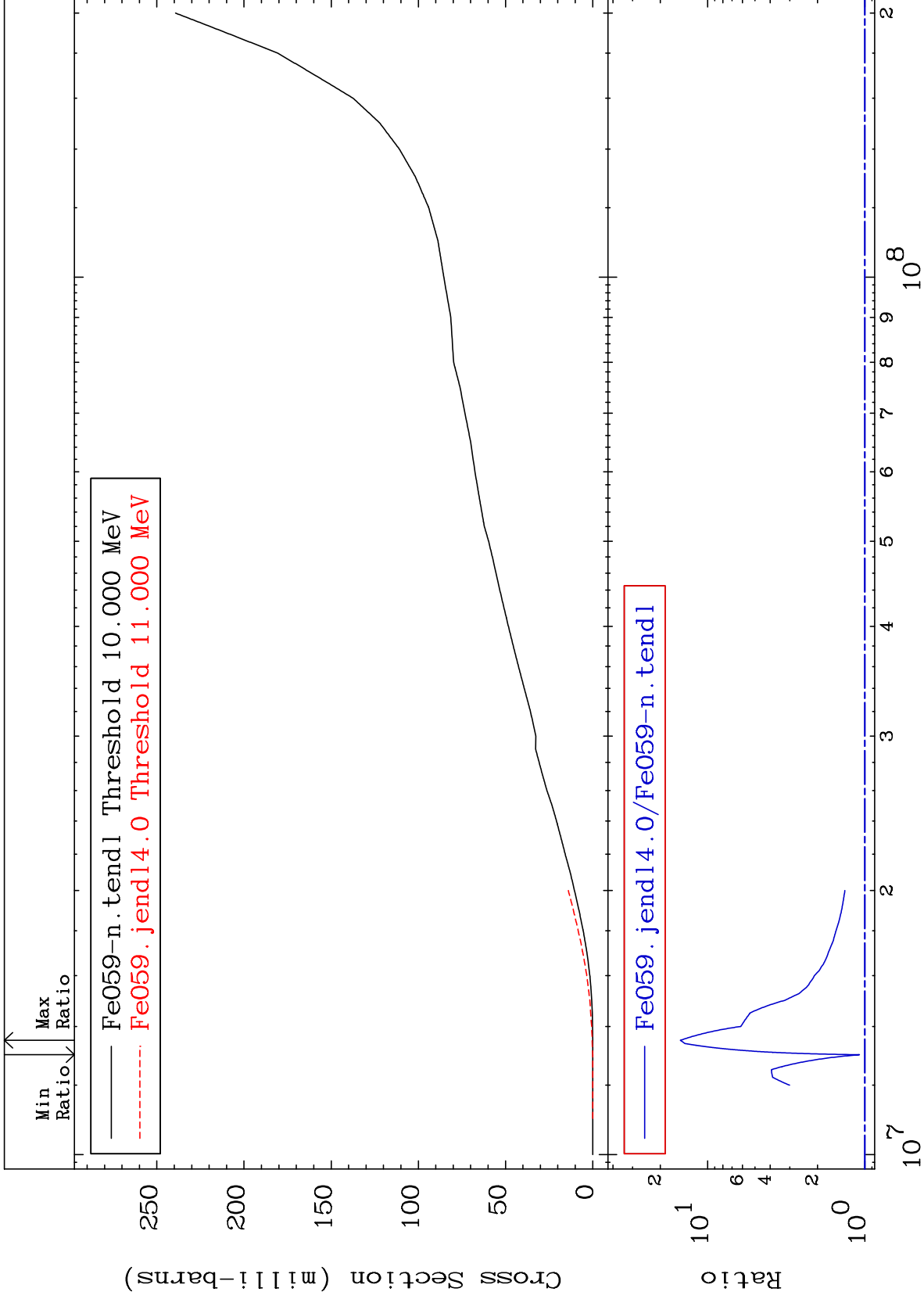
<sup>26</sup>Fe-59



MAT 2640

Deuterium Production  
Cross Section

<sup>26</sup>Fe-59  
8.219 To 1390. %



41

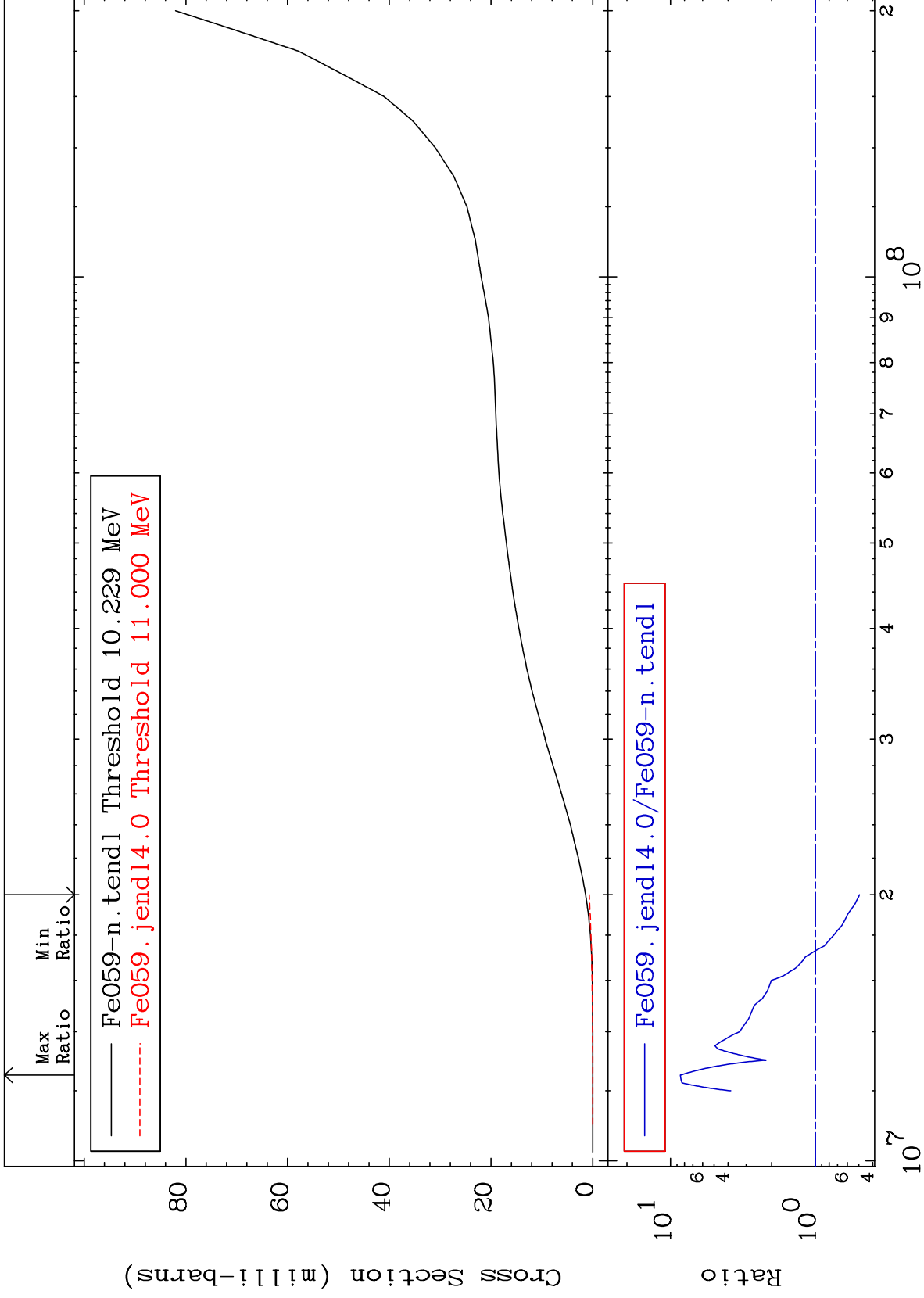
Incident Energy (eV)

<sup>26</sup>Fe-59

MAT 2640

Tritium Production  
Cross Section

<sup>26</sup>Fe-59  
-50.56 To 754.0 %



42

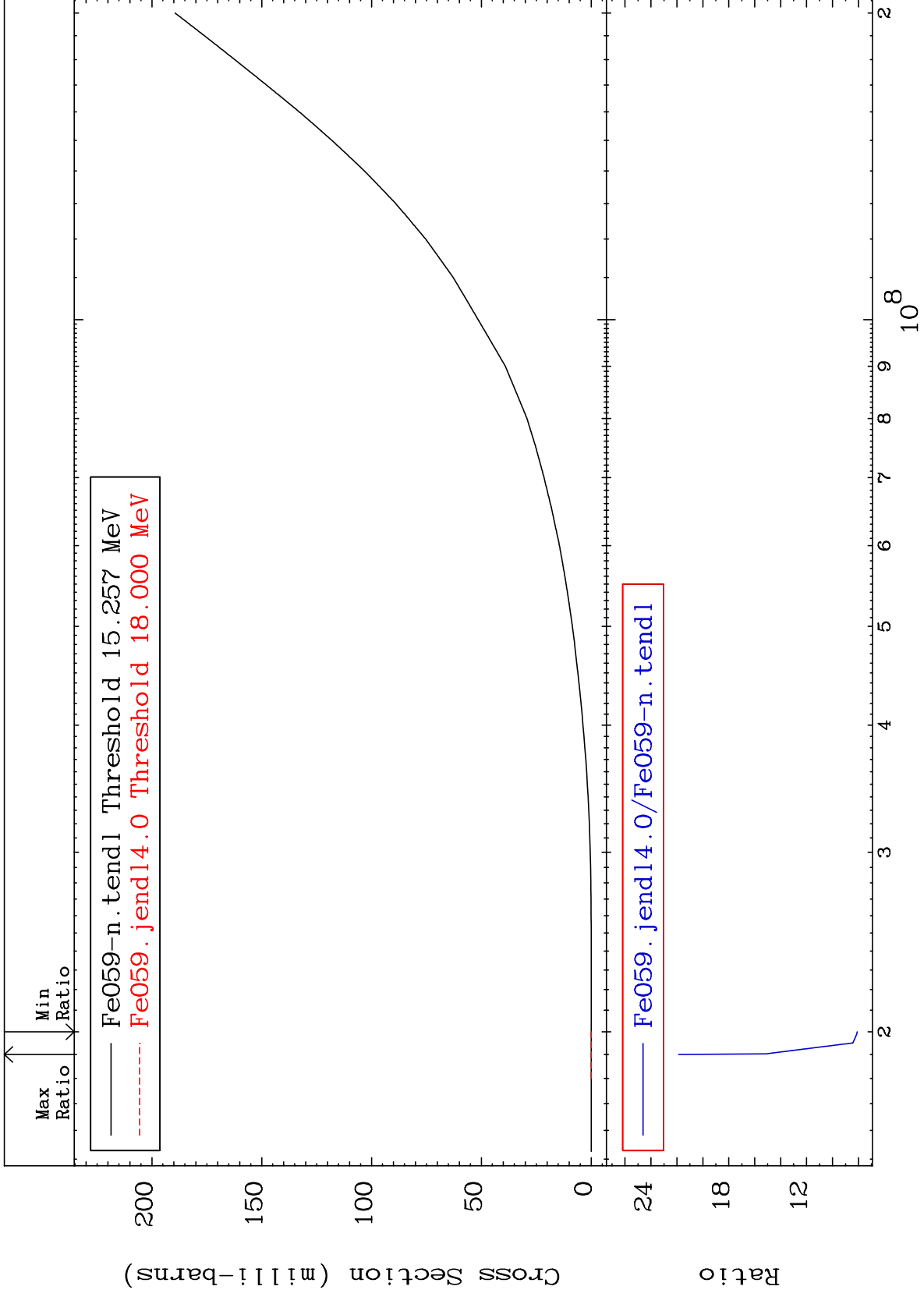
Incident Energy (eV)

<sup>26</sup>Fe-59

MAT 2640

He-3 Production  
Cross Section

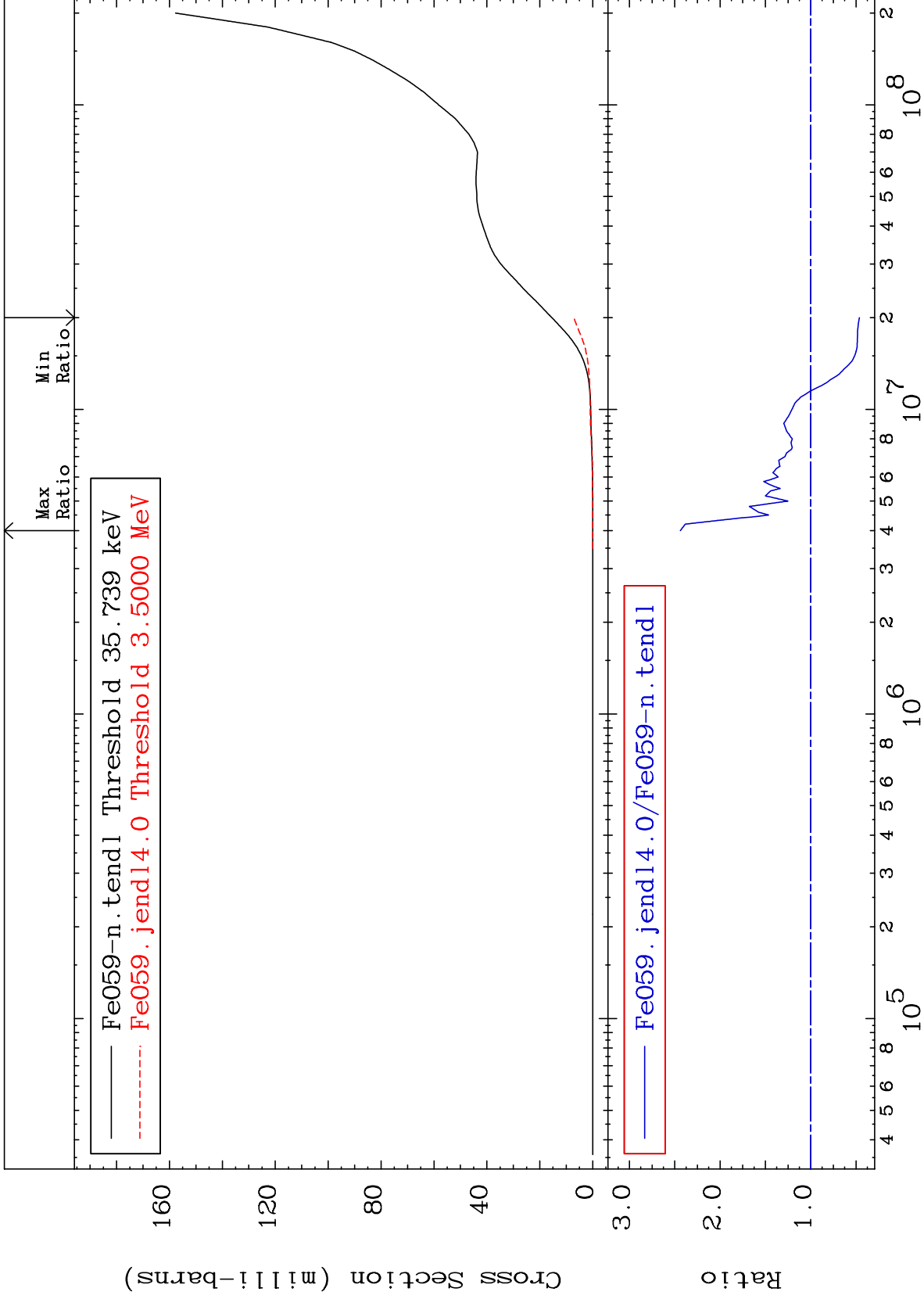
26-Fe-59  
709.4 To 2087. %



MAT 2640

He-4 Production  
Cross Section

<sup>26</sup>Fe-59  
-53.72 To 143.8 %



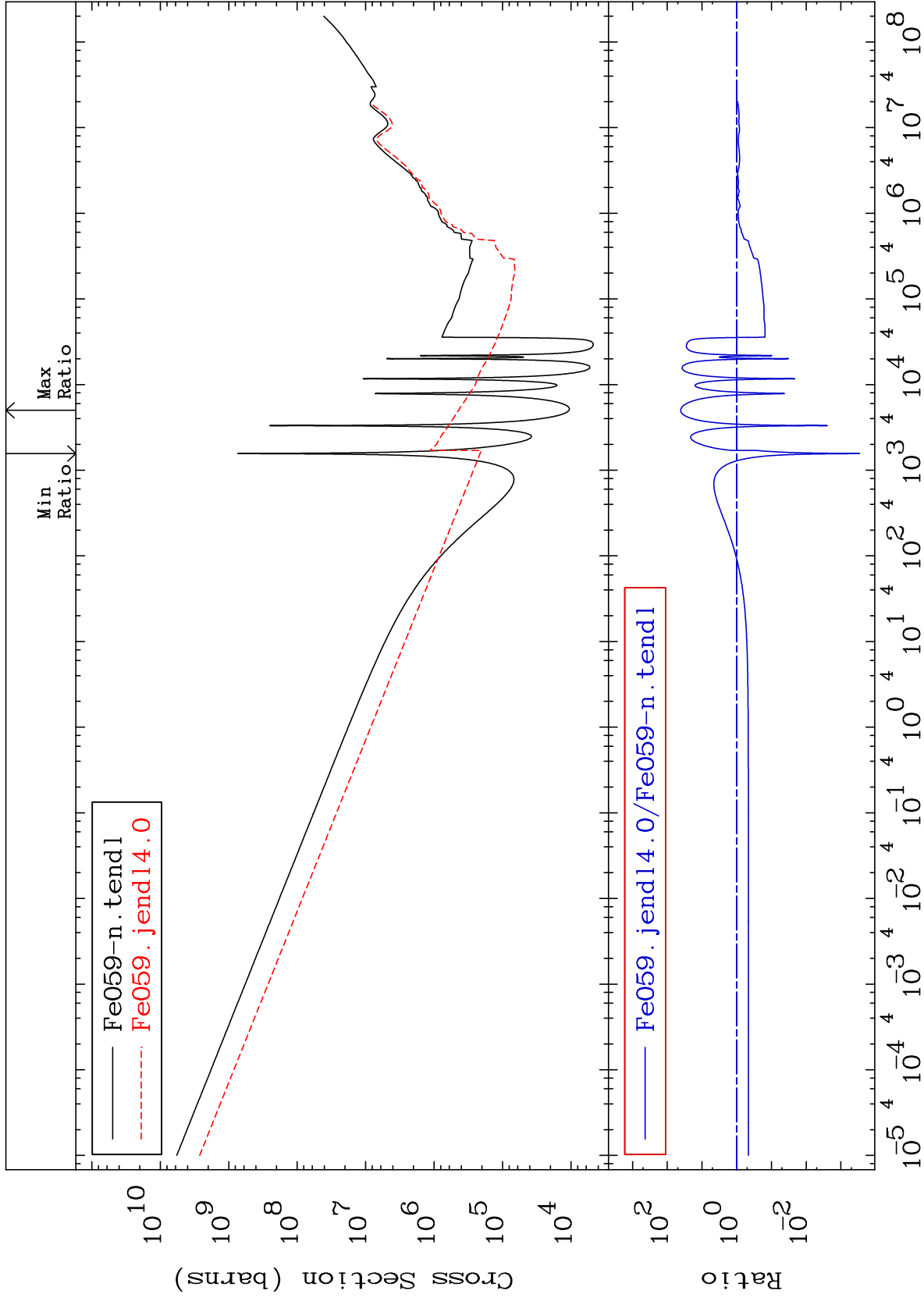
MAT 2640

Kerma total (eV-barns)

26-Fe-59

Cross Section

-99.97 To 3985. %



45

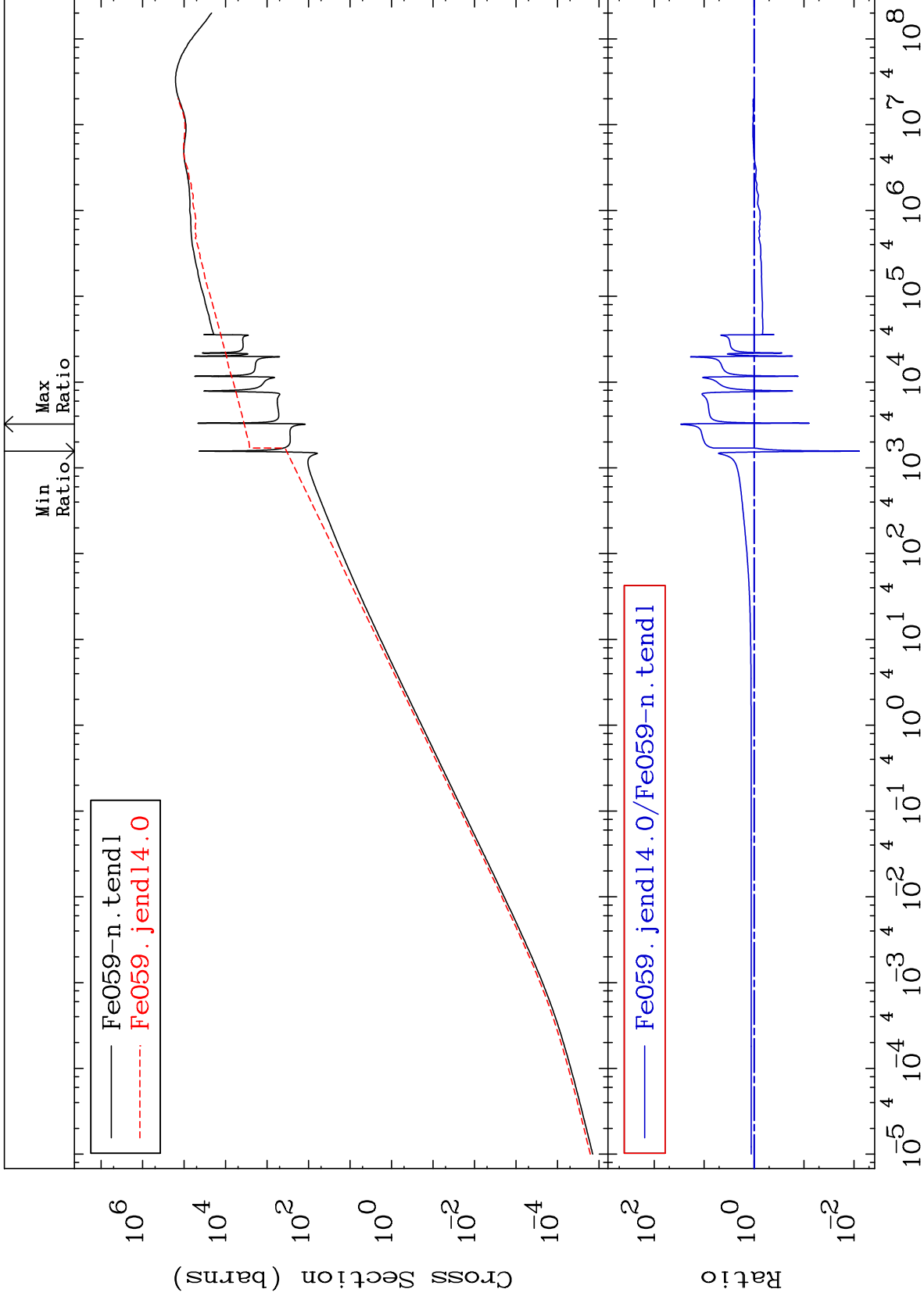
Incident Energy (eV)

26-Fe-59

MAT 2640

Kerma elastic  
Cross Section

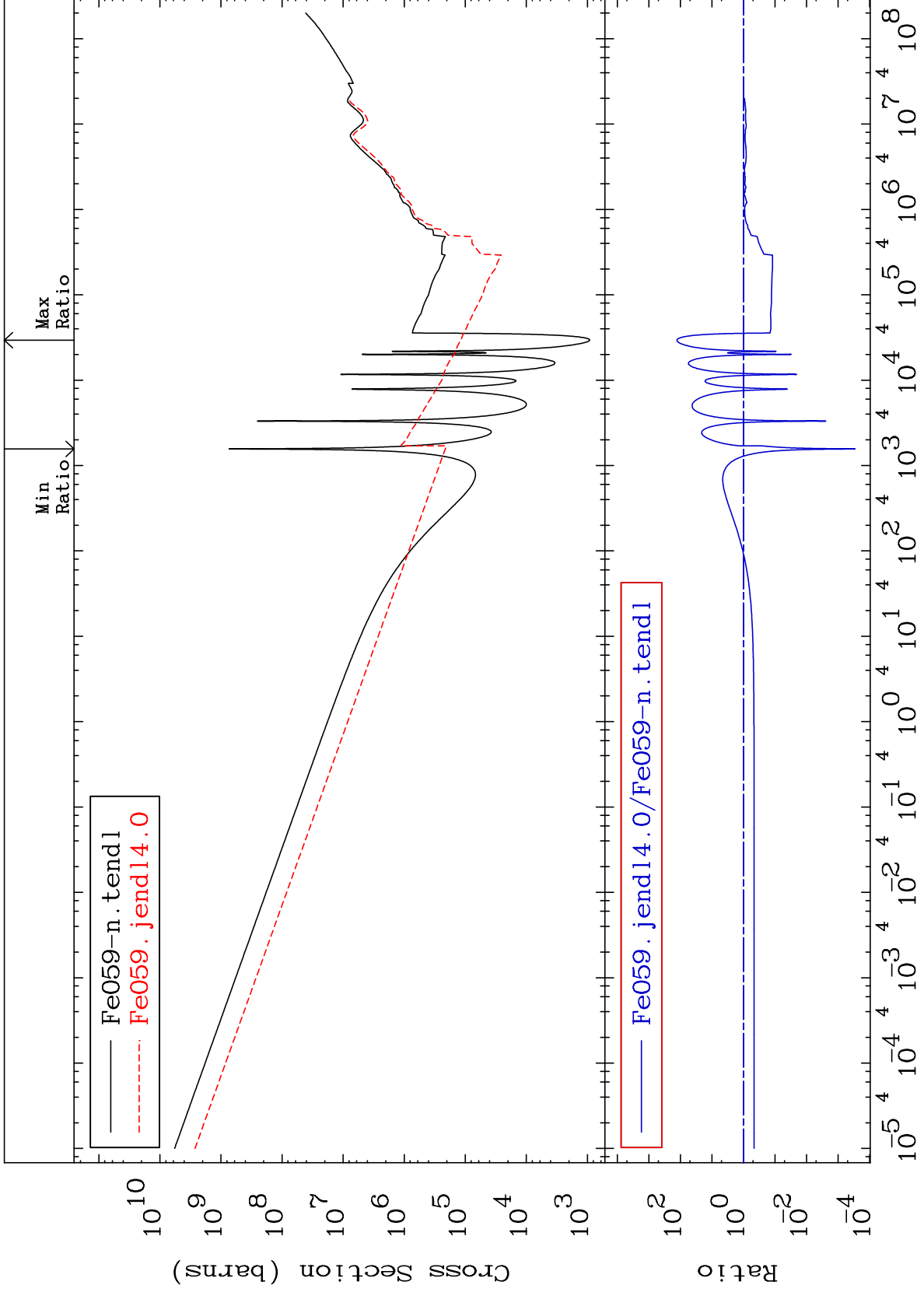
26-Fe-59  
-99.22 To 2894. %



MAT 2640

Kerma non-elastic (all but mt2)  
Cross Section

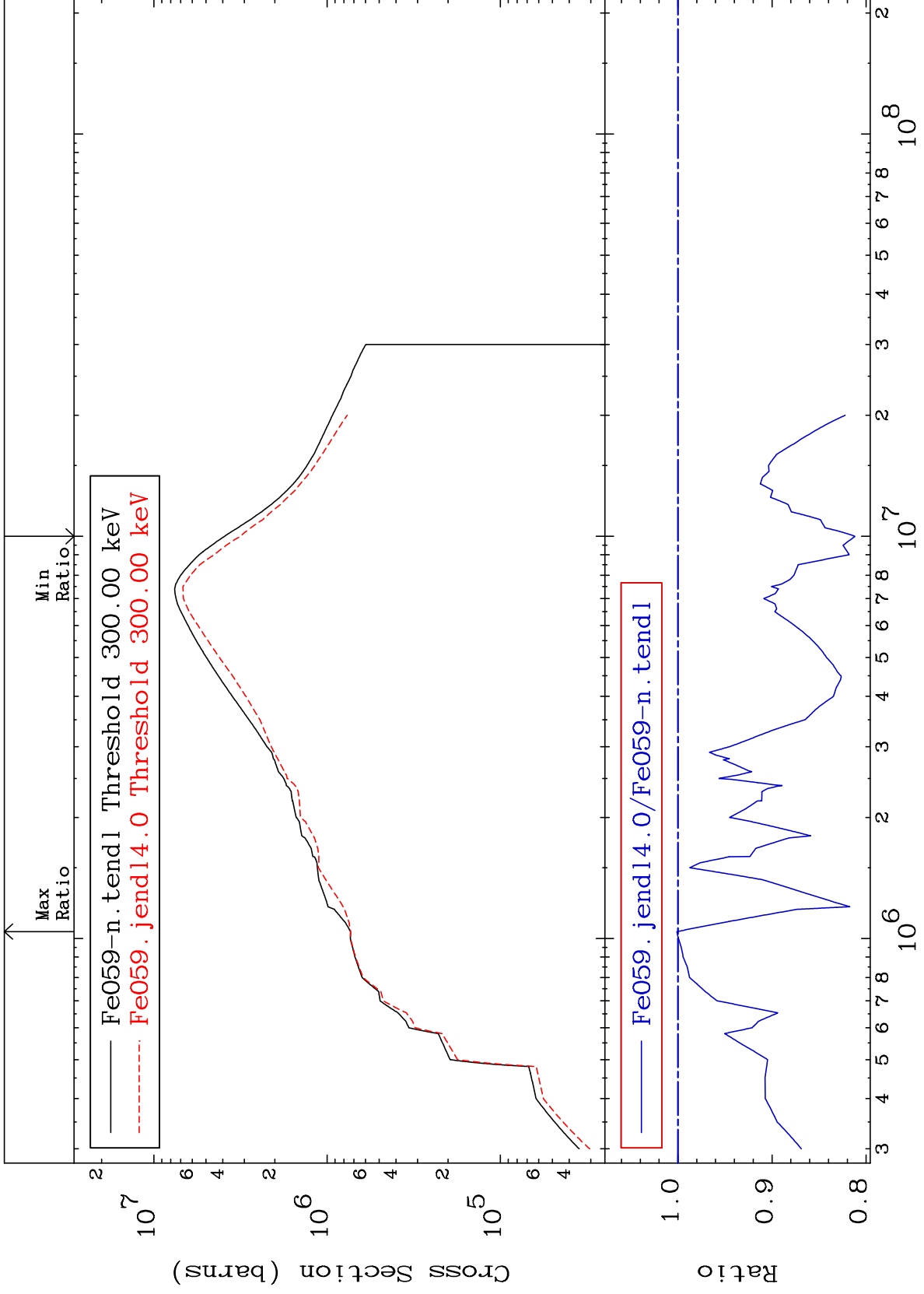
26-Fe-59  
-99.97 To 9999. %



MAT 2640

Kerma inelastic (mt51-91)  
Cross Section

26-Fe-59  
-18.82 To 0.105 %

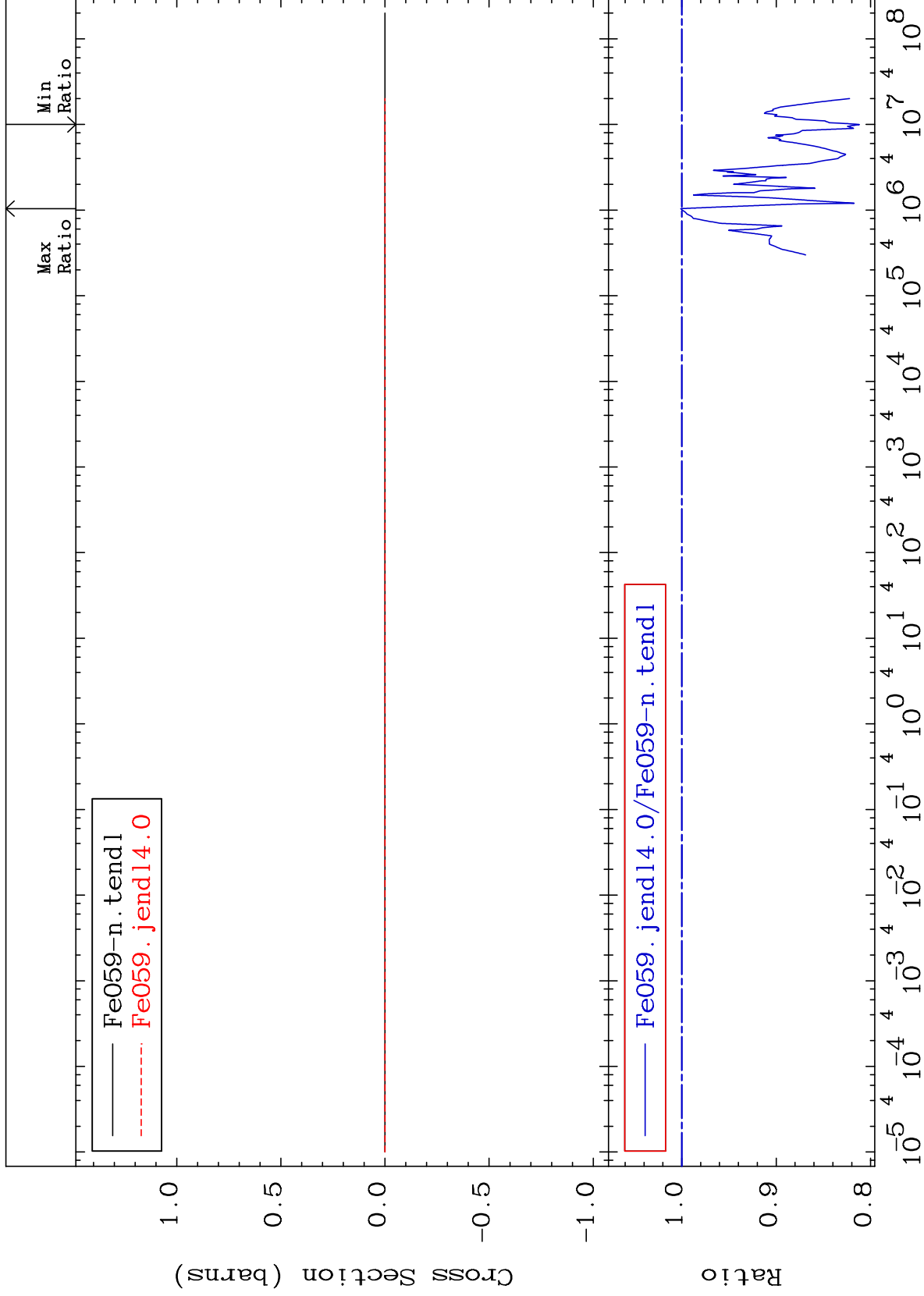




MAT 2640

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

26-Fe-59  
-18.82 To 0.105 %



49

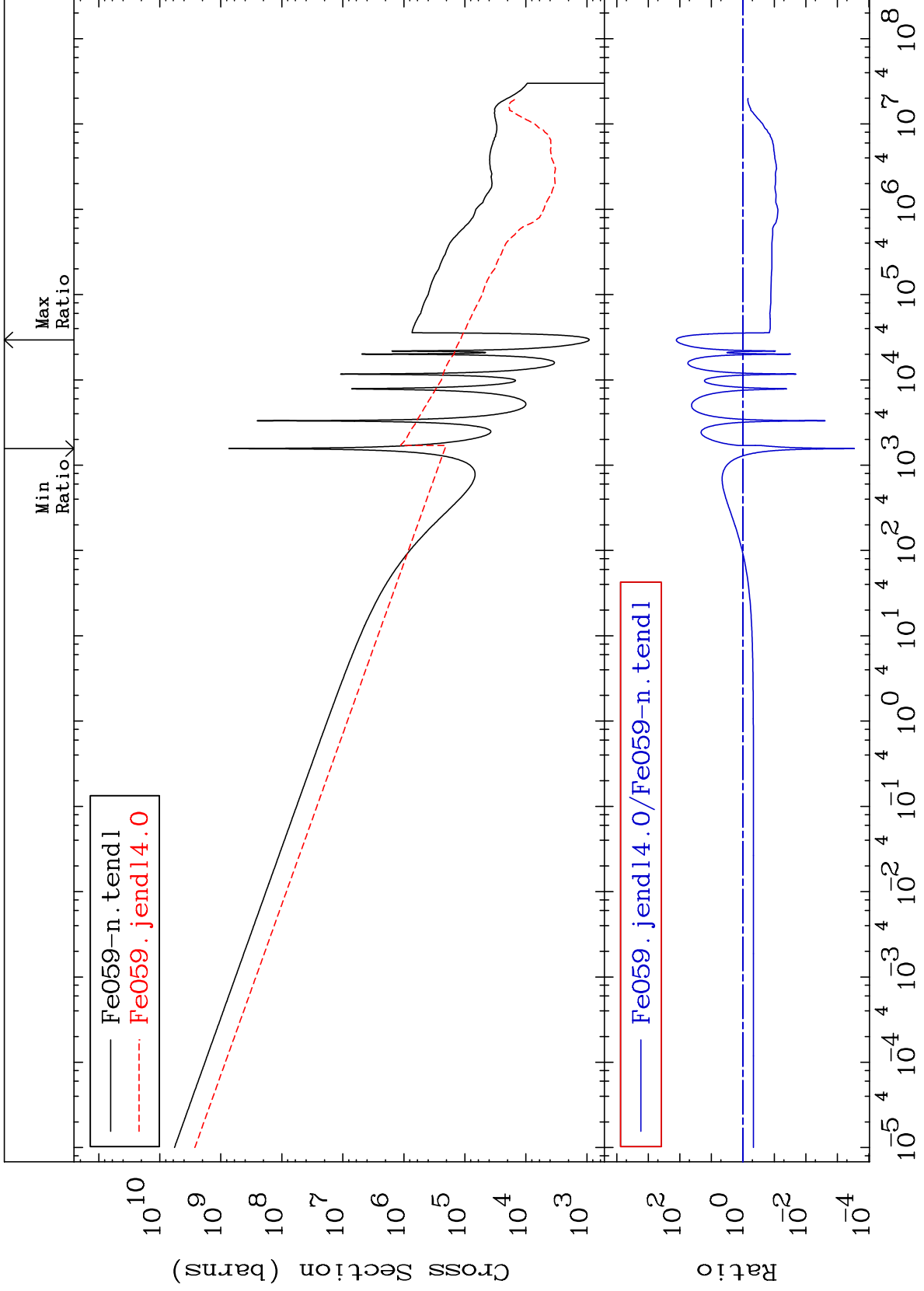
Incident Energy (eV)

26-Fe-59

MAT 2640

Kerma capture (mt102)  
Cross Section

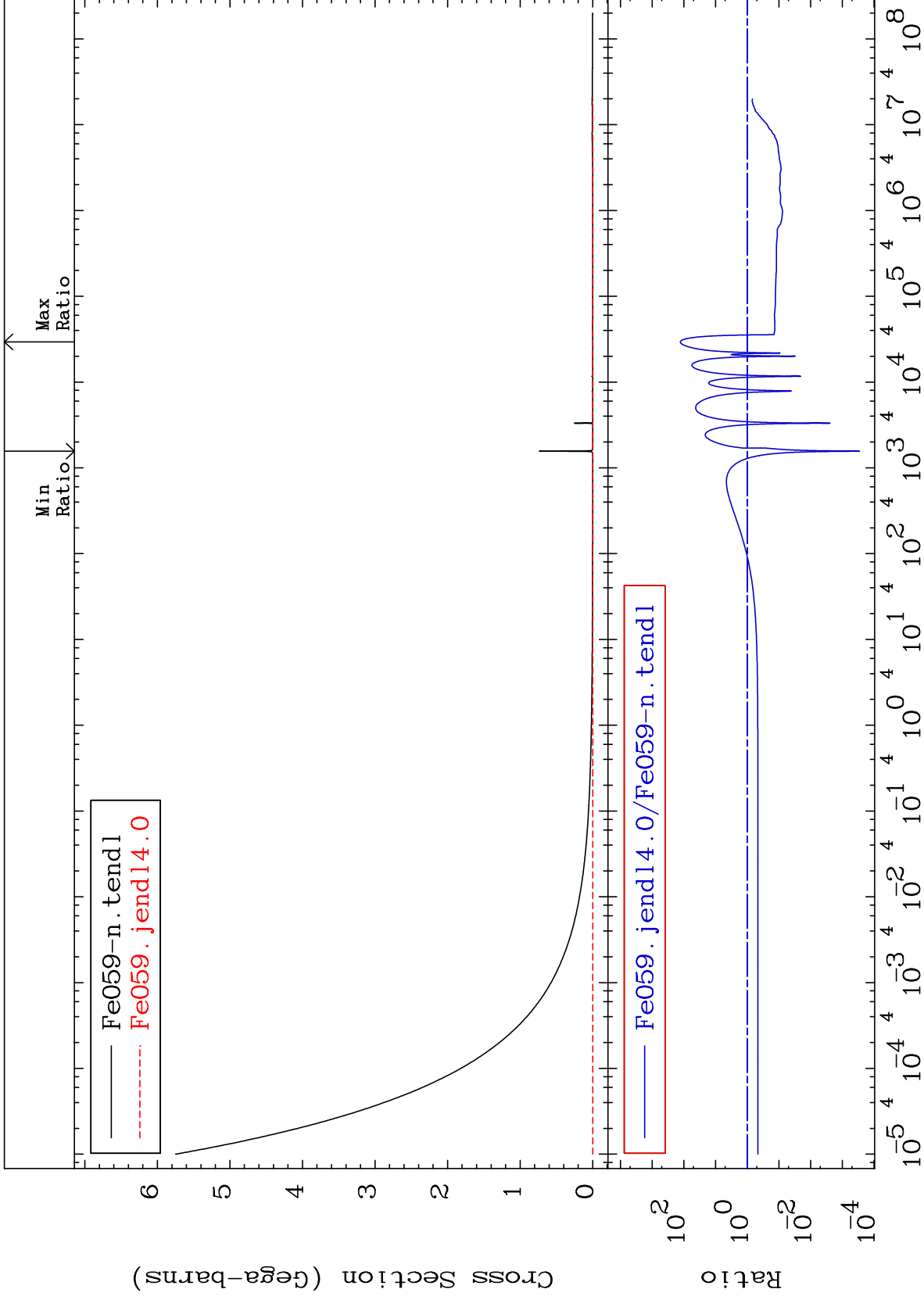
26-Fe-59  
-99.97 To 9999. %

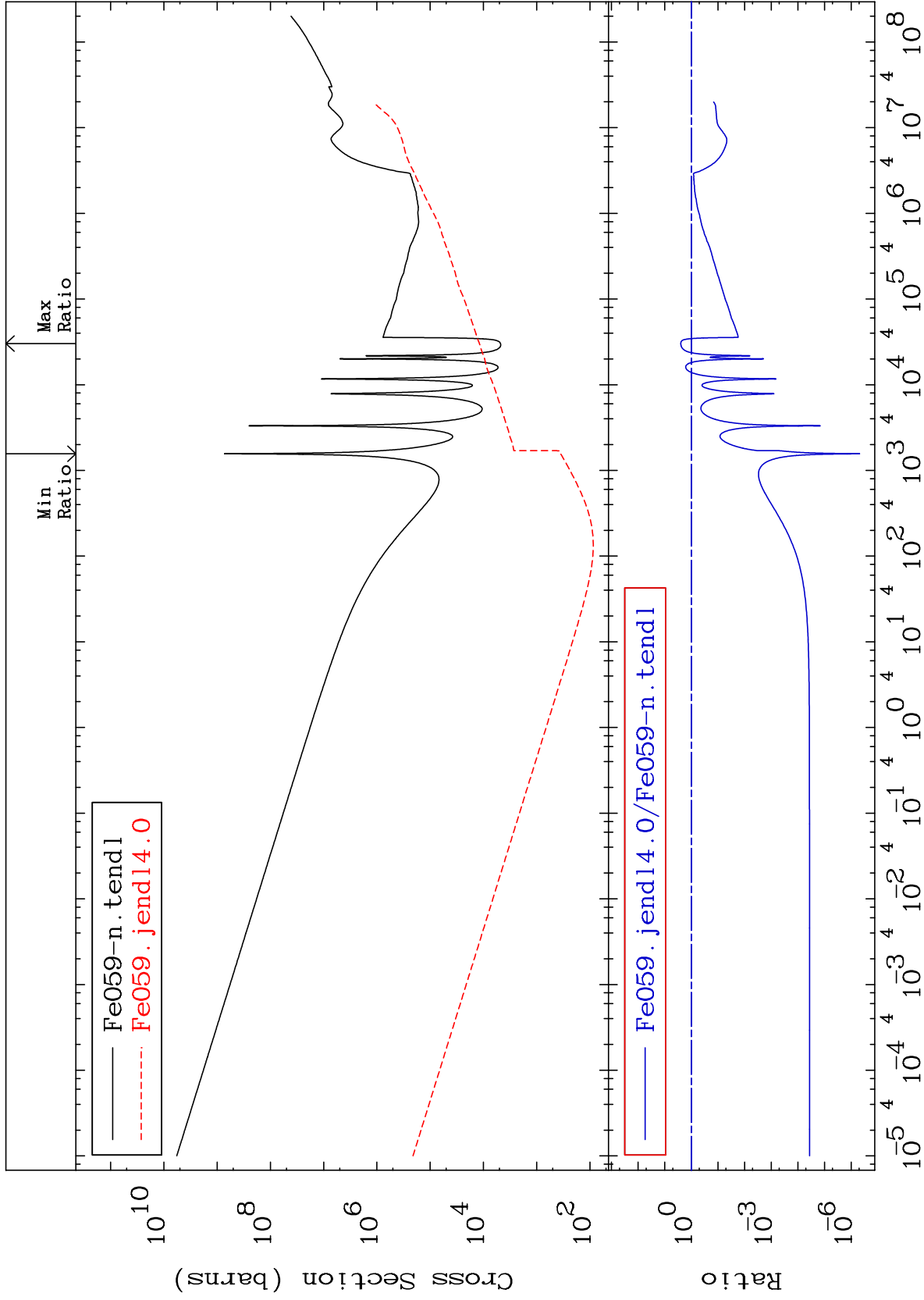


50

Incident Energy (eV)

26-Fe-59

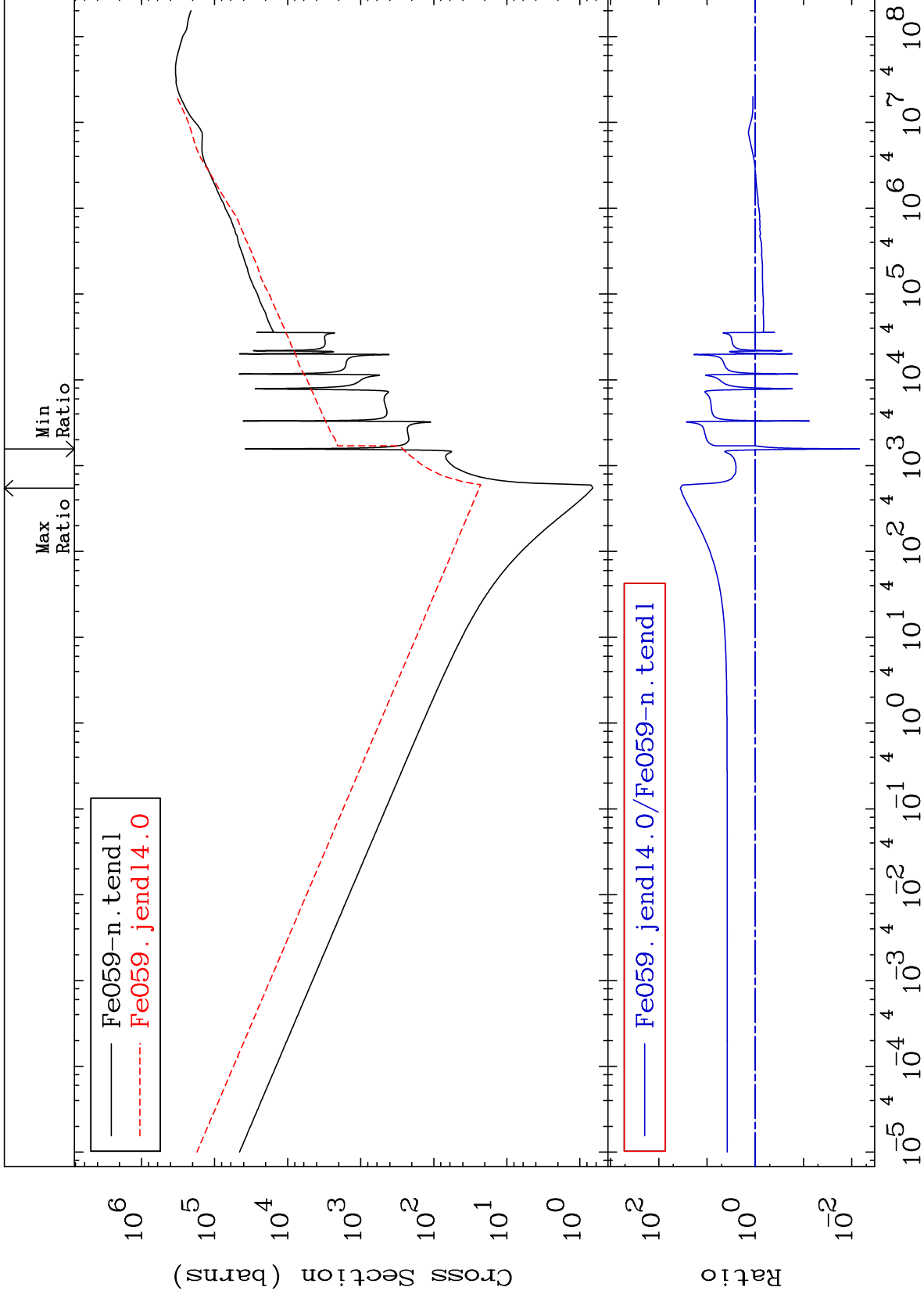


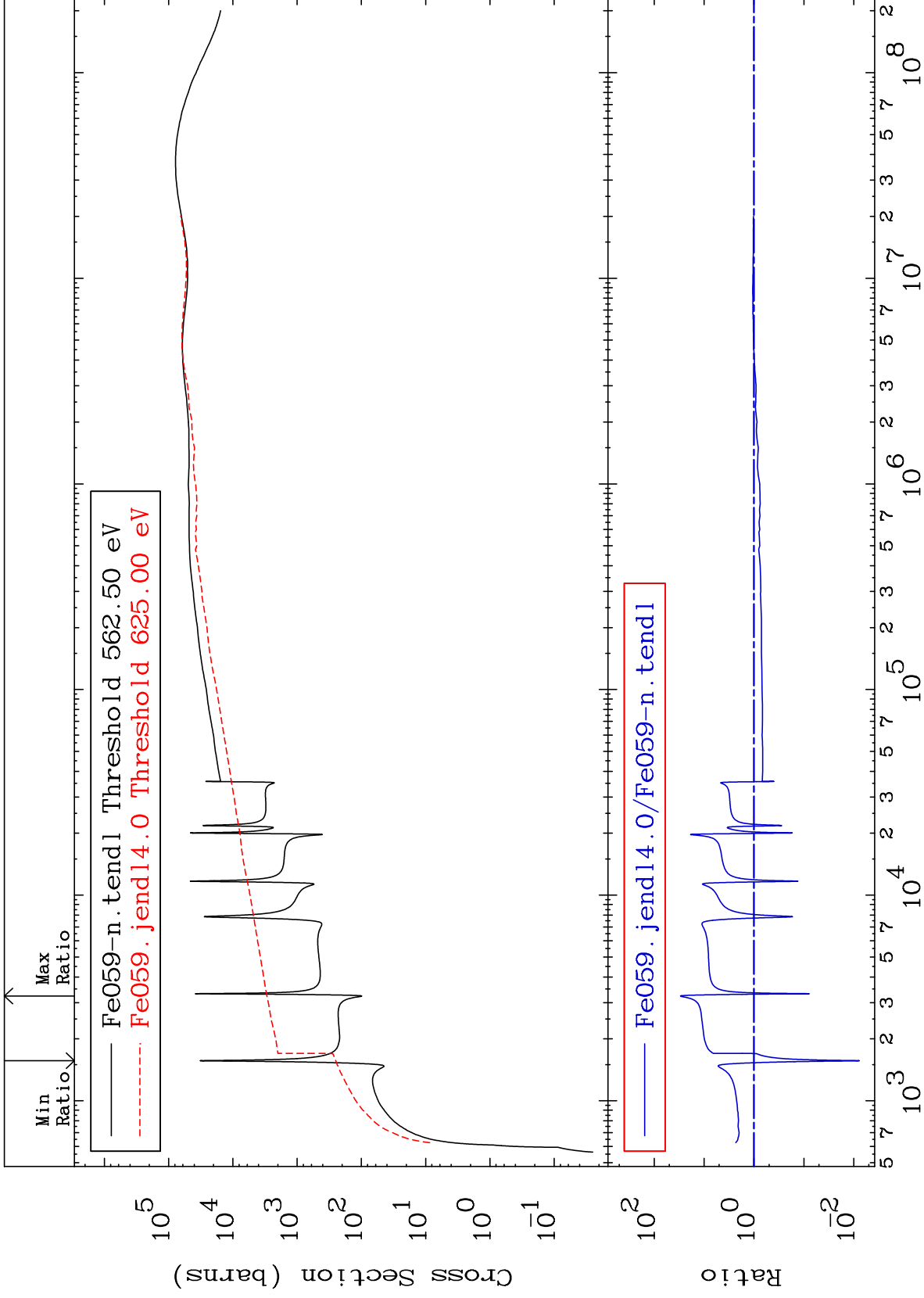


MAT 2640

Dpa total (eV-barns)  
Cross Section

26-Fe-59  
-99.31 To 3473. %

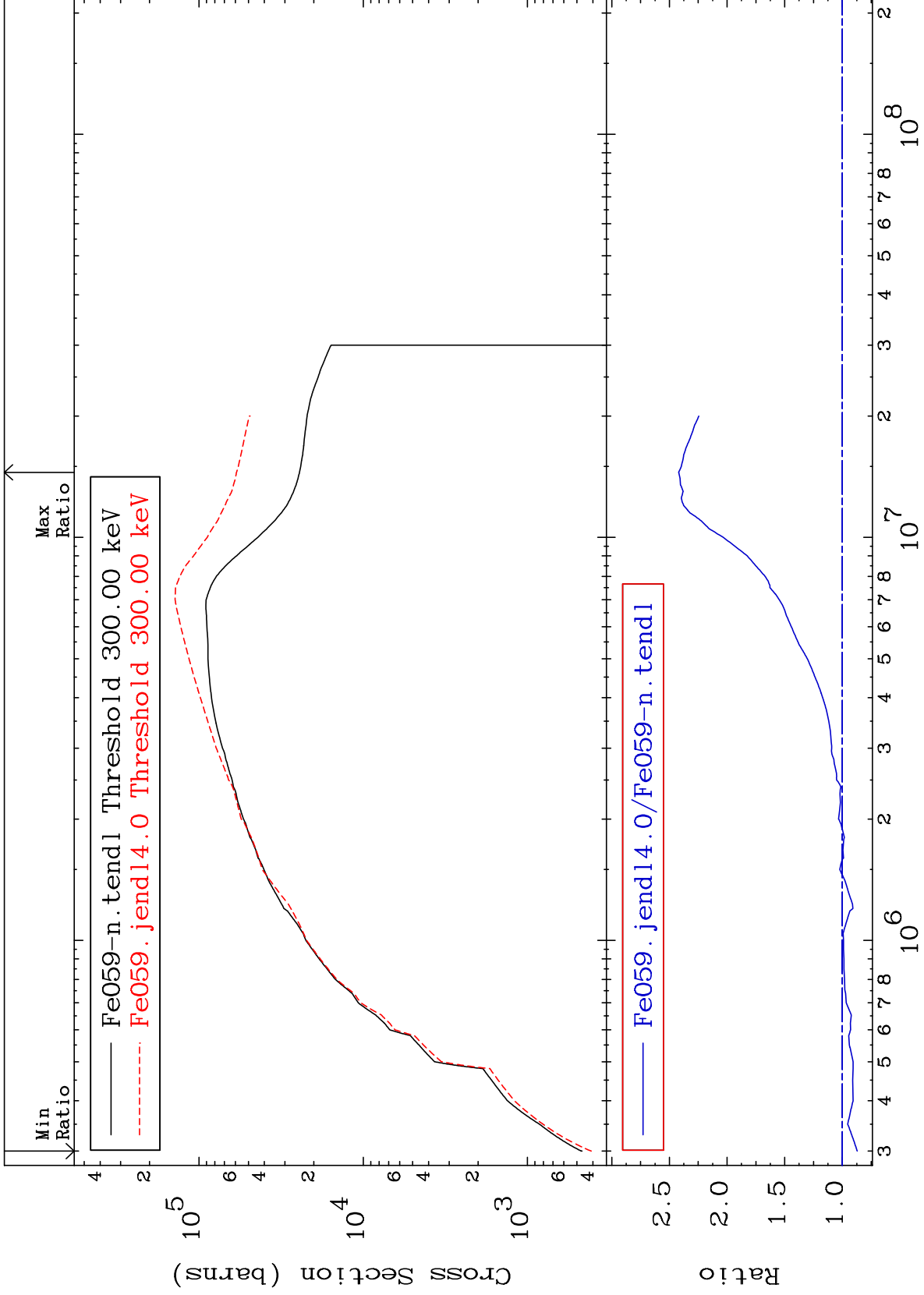




MAT 2640

Dpa inelastic (mt51-91)  
Cross Section

26-Fe-59  
-12.94 To 142.0 %



MAT 2640

Dpa disappearance (mt102 -120)  
Cross Section

26-Fe-59  
-99.75 To 9999. %

