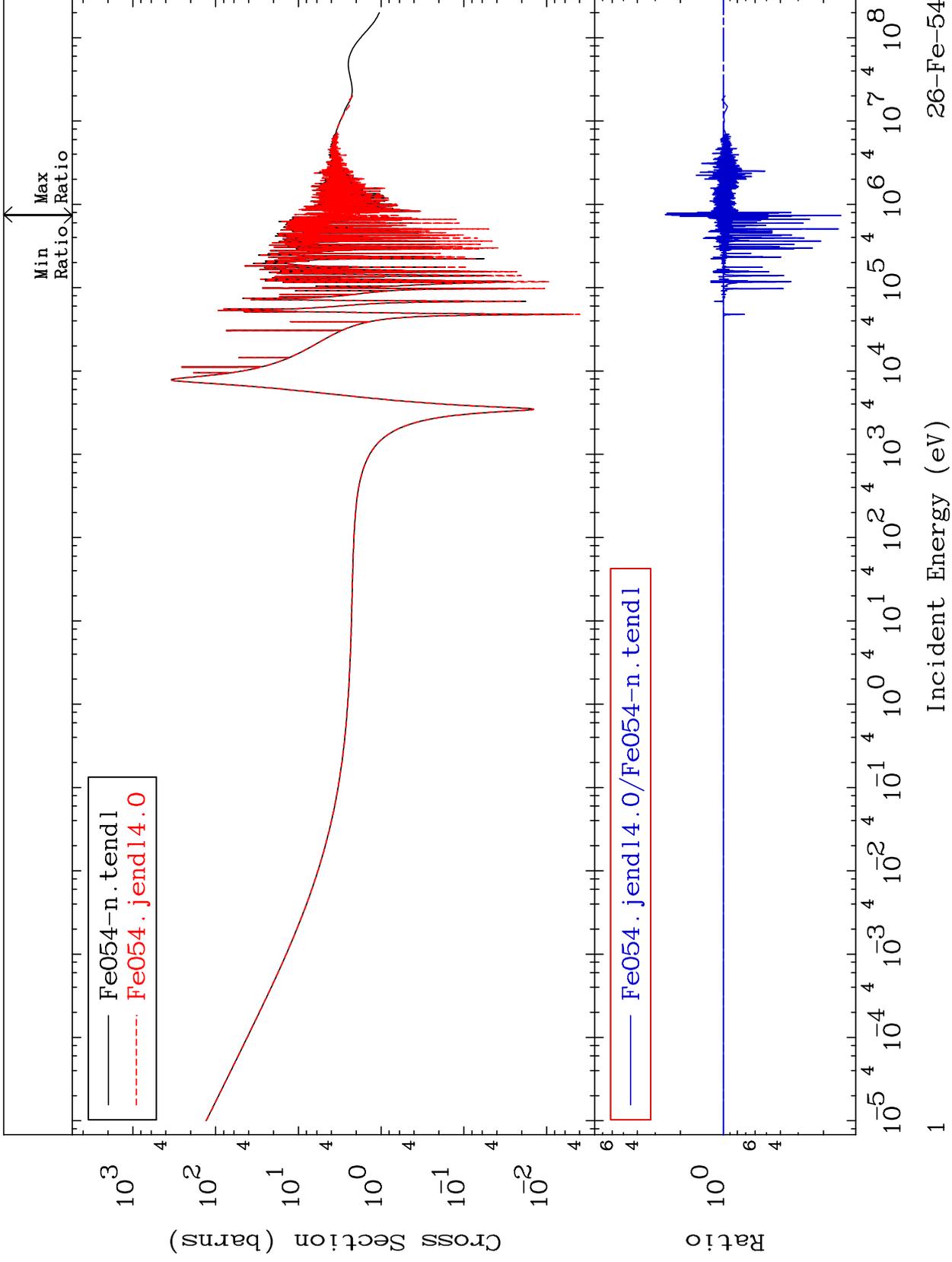


MAT 2625

Total  
Cross Section

26-Fe-54  
-84.89 To 154.1 %



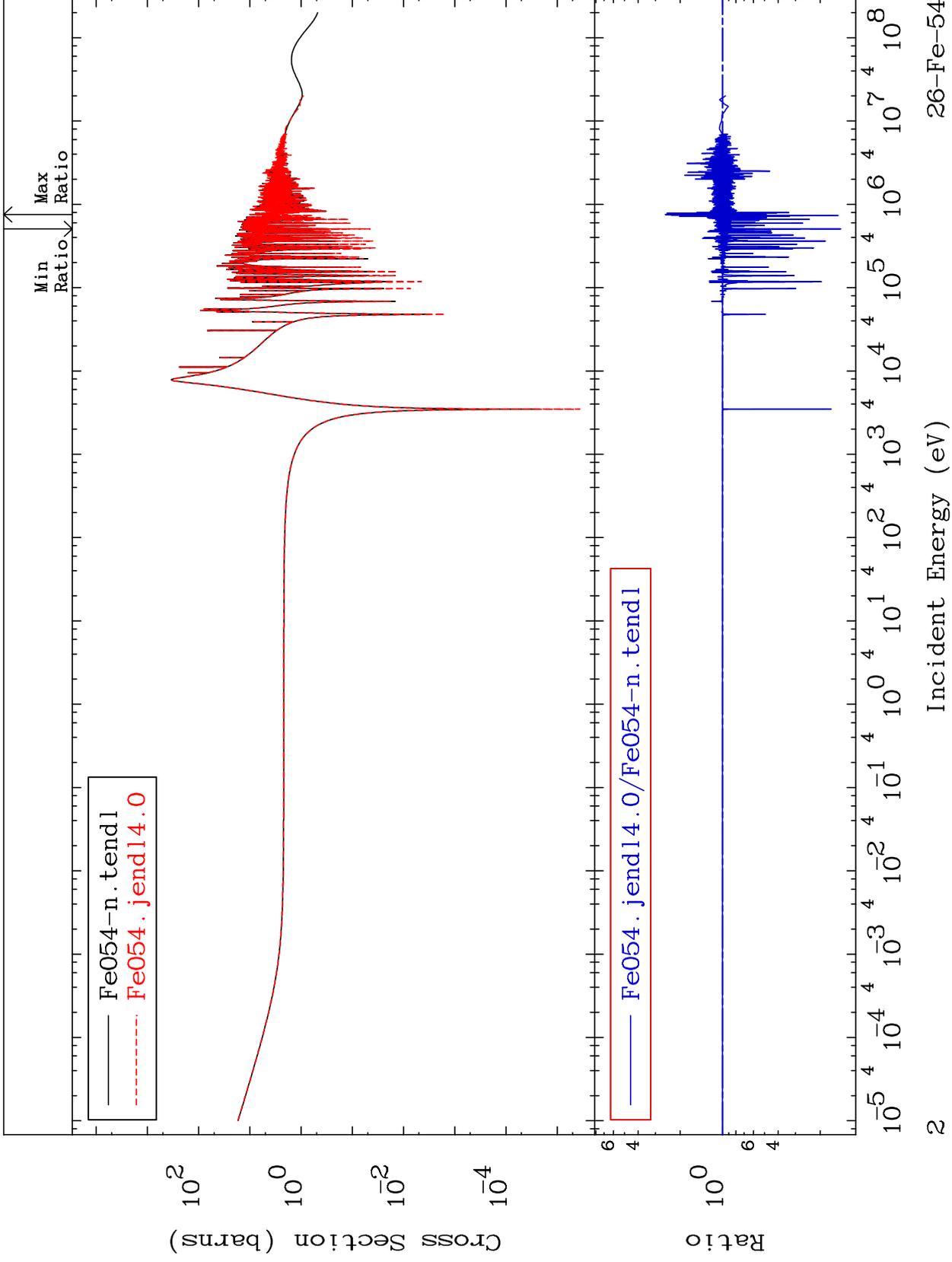
26-Fe-54

Incident Energy (eV)

MAT 2625

Elastic  
Cross Section

<sup>26</sup>Fe-54  
-85.75 To 154.5 %



<sup>26</sup>Fe-54

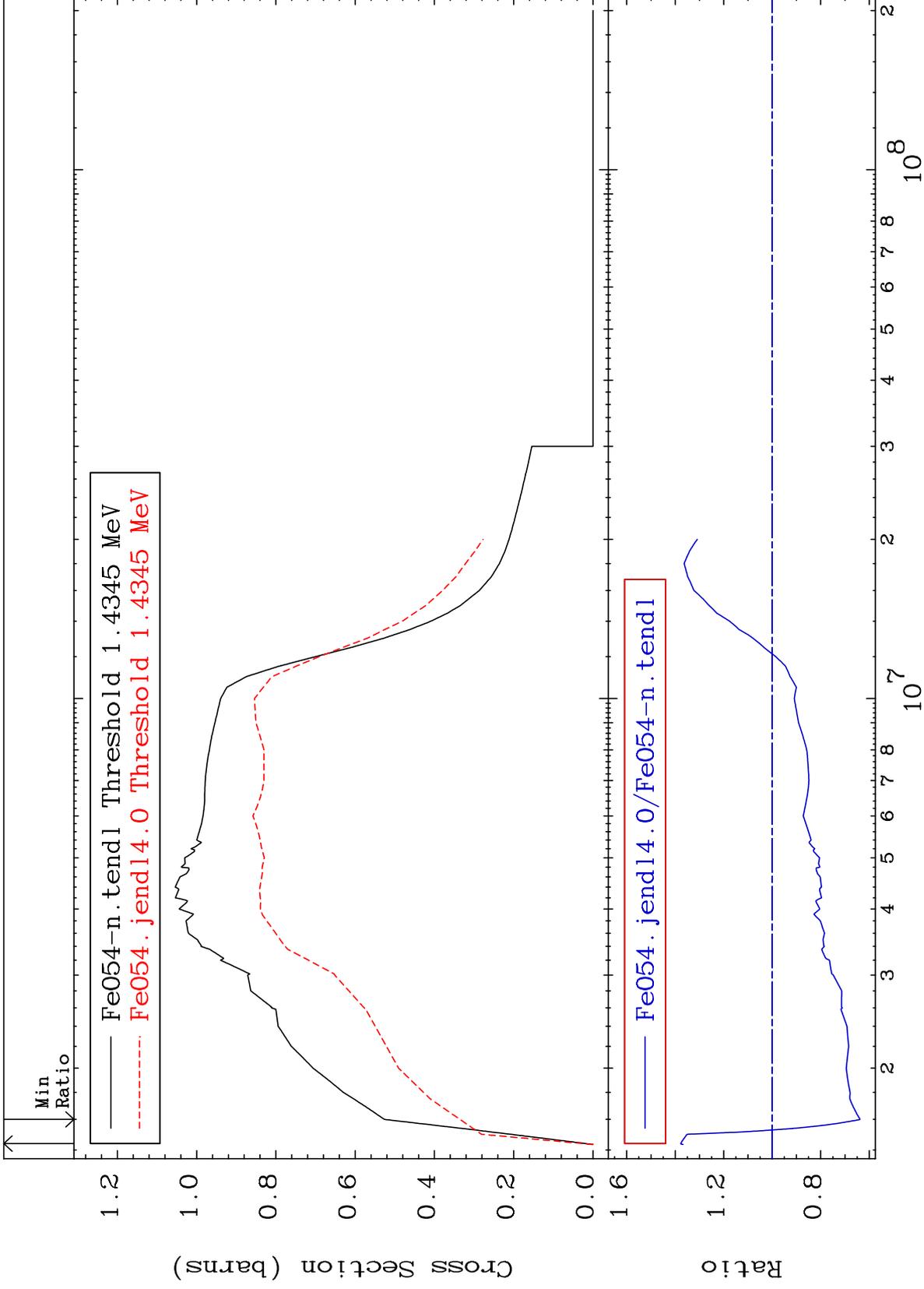
Incident Energy (eV)

2

MAT 2625

Inelastic  
Cross Section

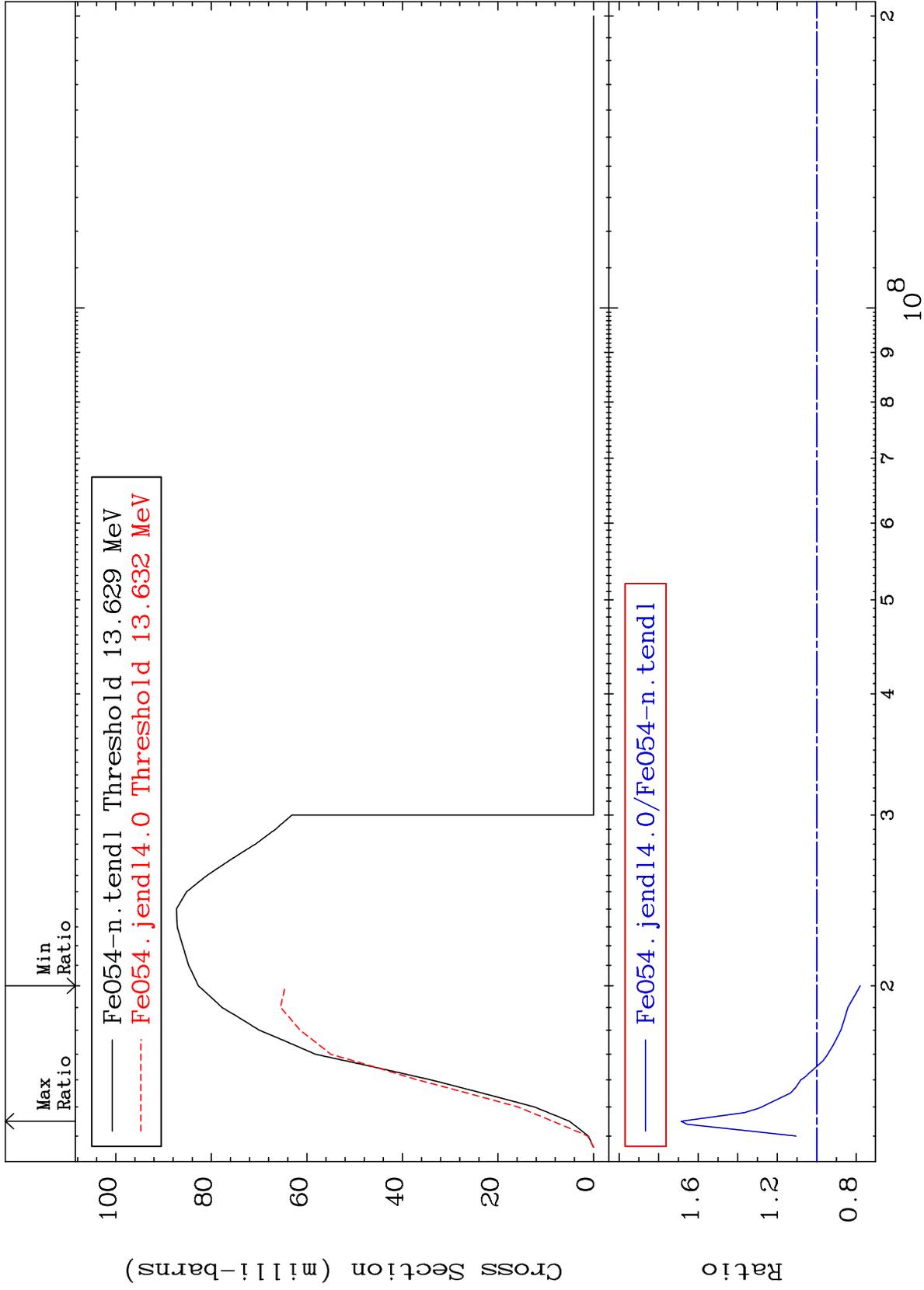
<sup>26</sup>Fe-54  
-36.24 To 37.71 %



MAT 2625

(n,2n)  
Cross Section

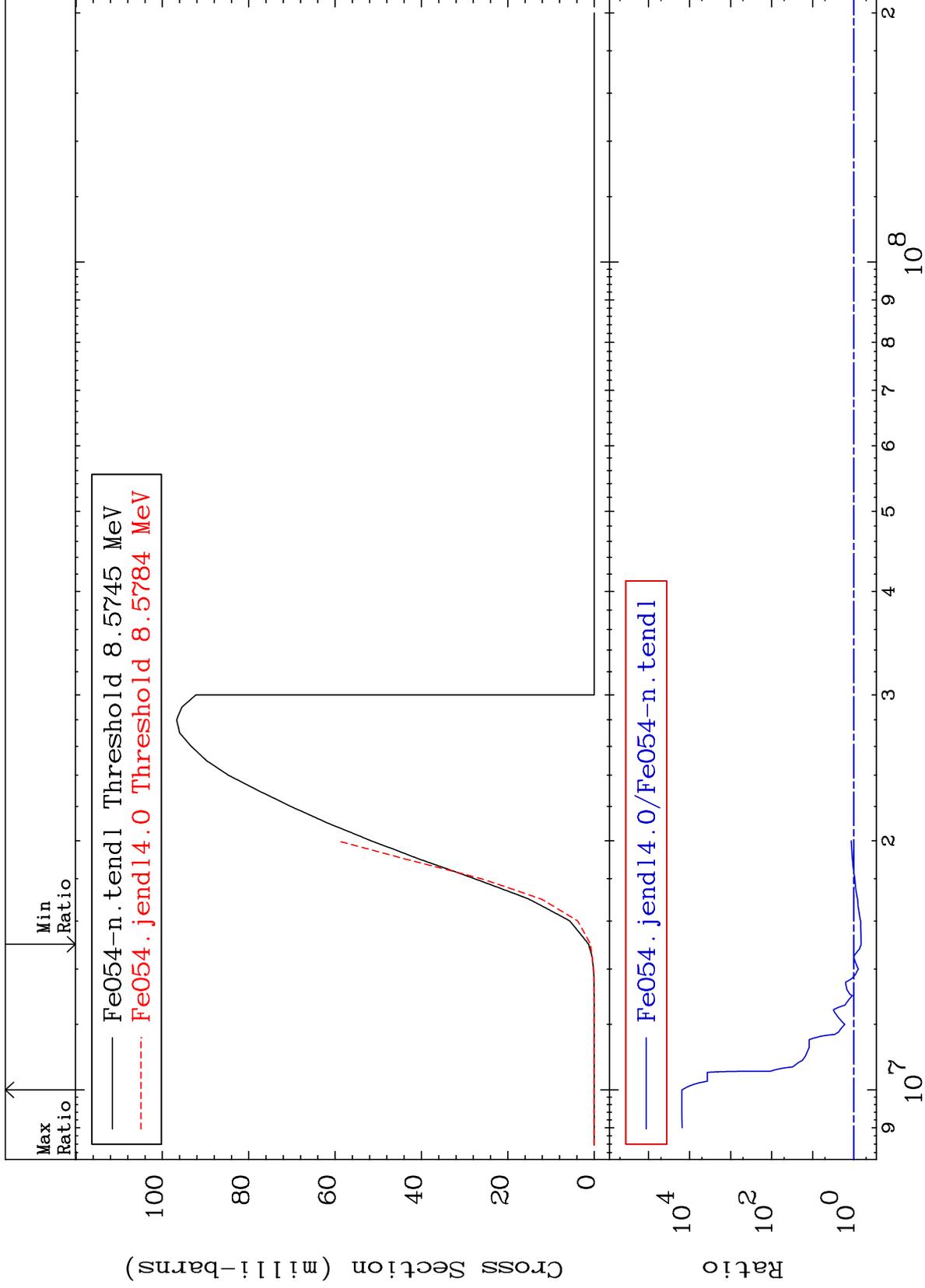
<sup>26</sup>Fe-54  
-21.99 To 68.60 %



MAT 2625

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

<sup>26</sup>Fe-54  
-33.79 To 9999. %



5

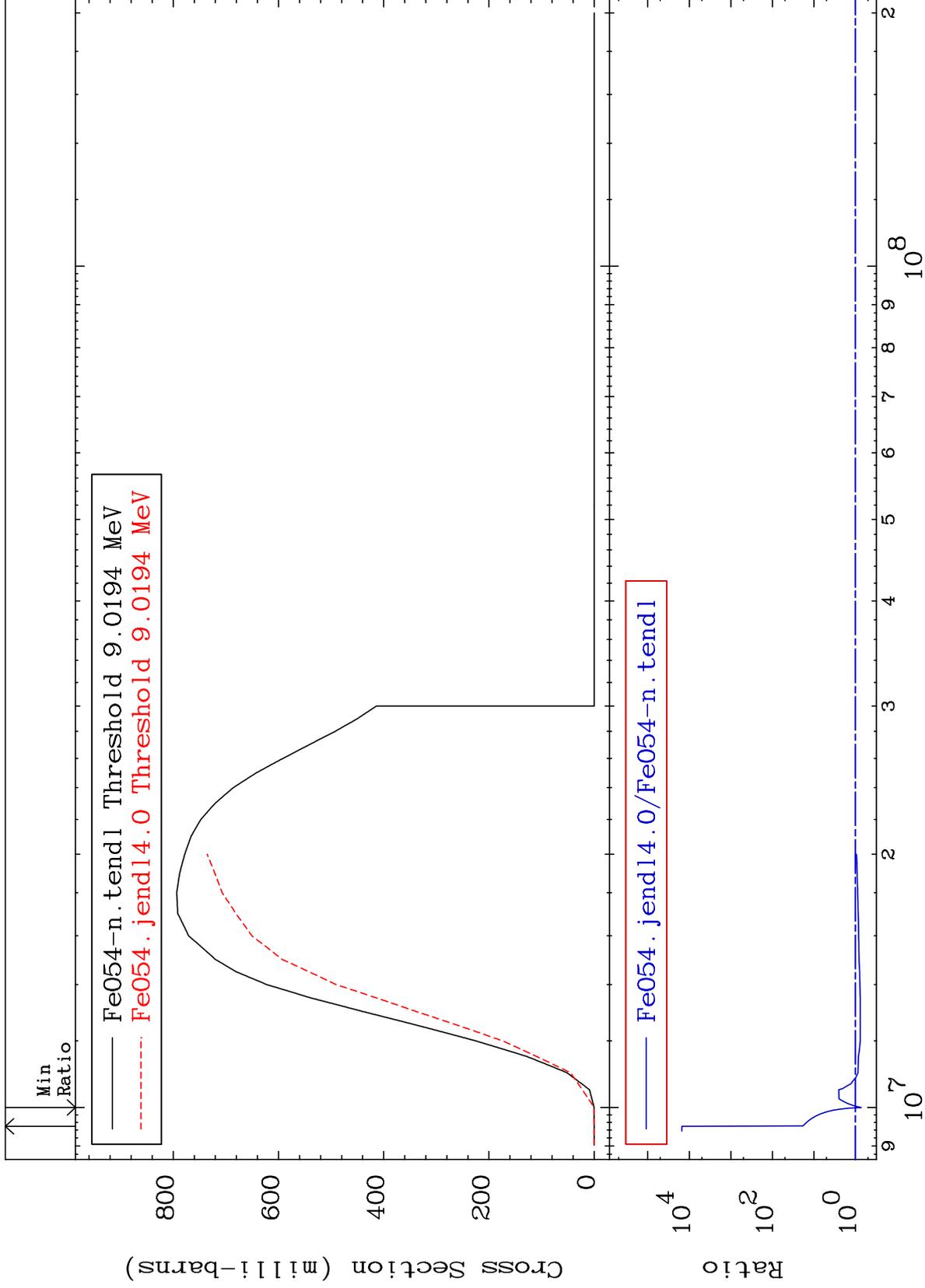
Incident Energy (eV)

<sup>26</sup>Fe-54

MAT 2625

(n, n') p  
Cross Section

<sup>26</sup>Fe-54  
-26.58 To 9999. %



<sup>26</sup>Fe-54

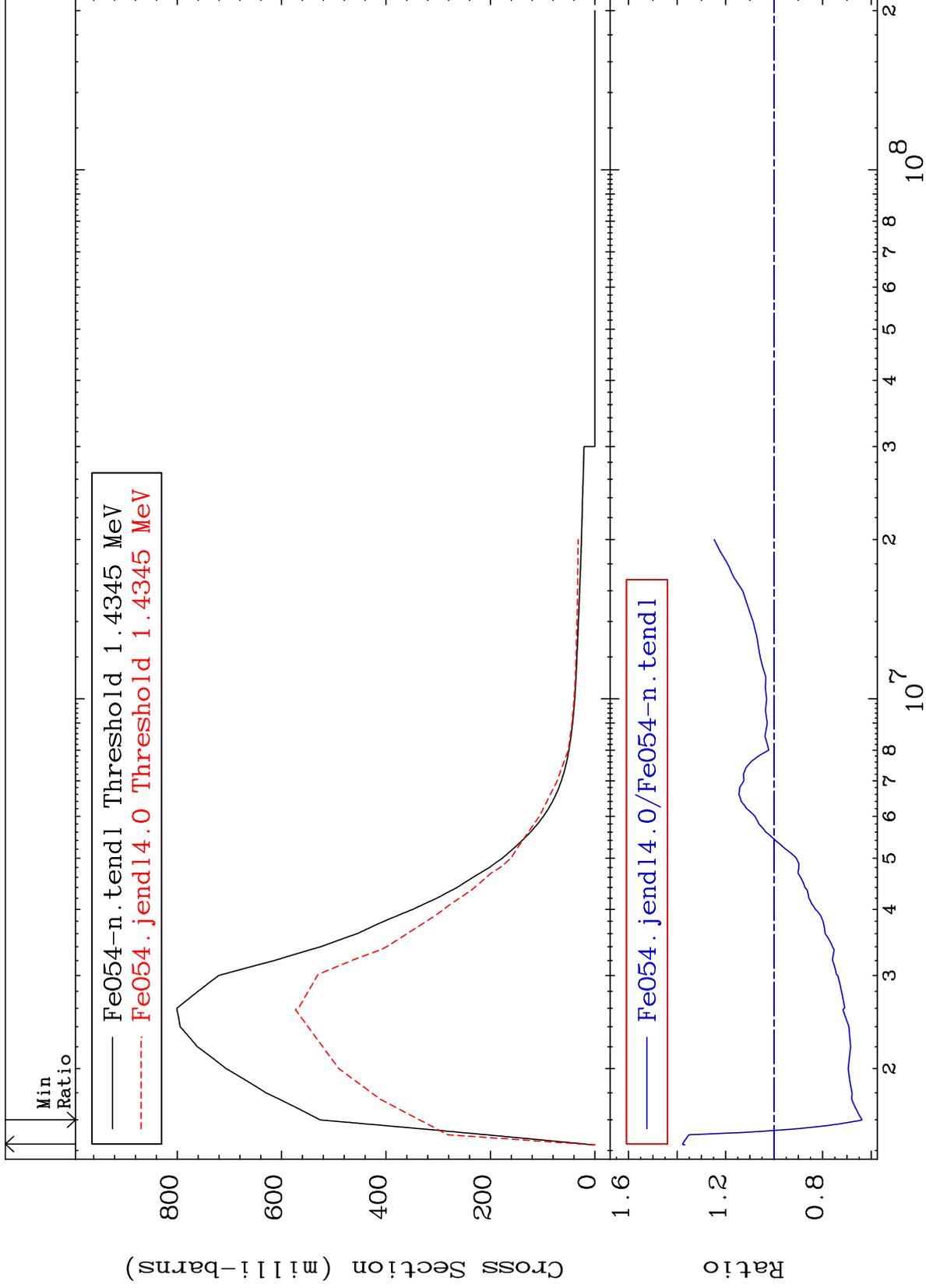
Incident Energy (eV)

6

MAT 2625

1.408 MeV (n,n') Level  
Cross Section

26-Fe-54  
-36.24 To 37.71 %



7

Incident Energy (eV)

26-Fe-54

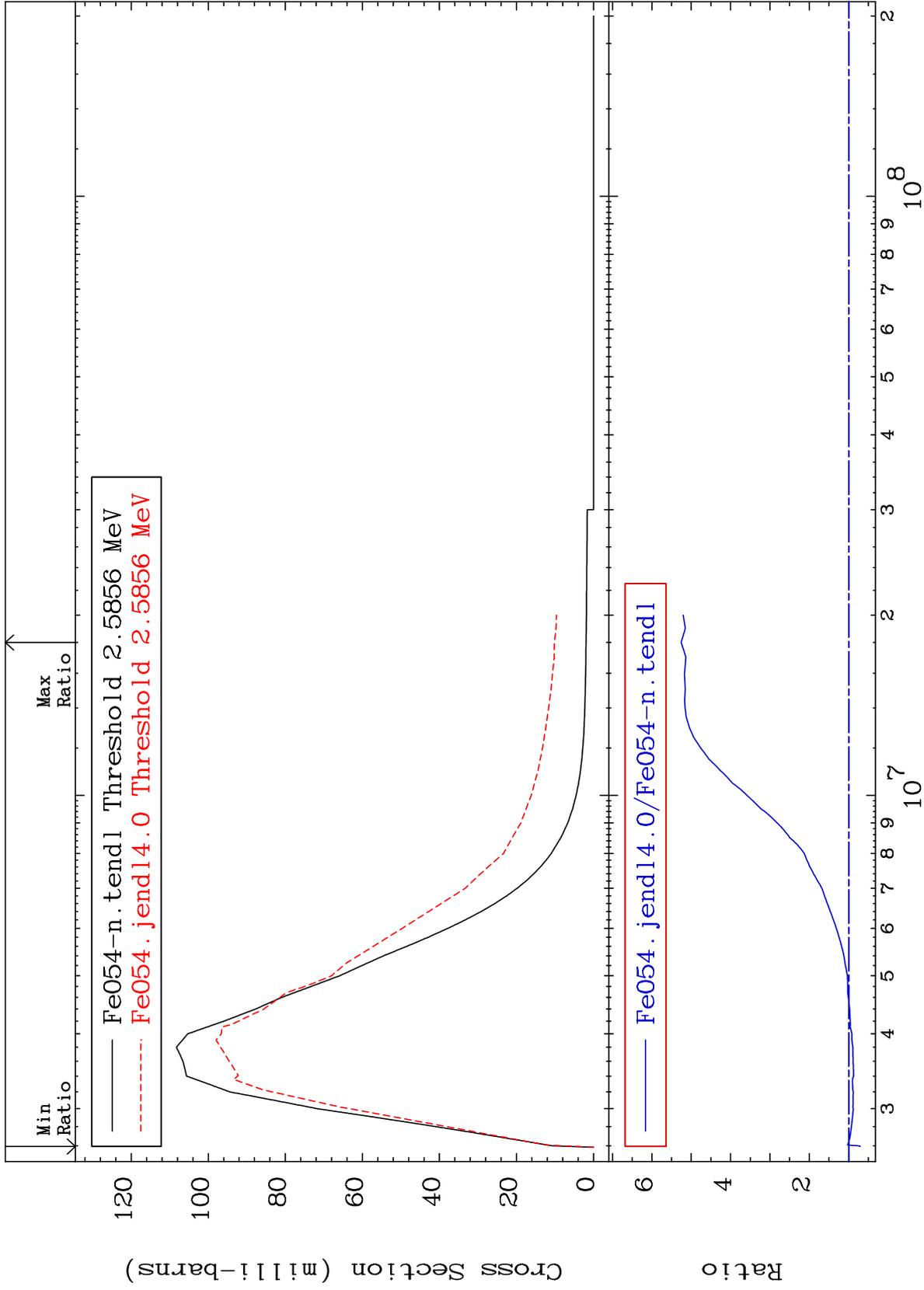
MAT 2625

2.538 MeV (n,n') Level

<sup>26</sup>Fe-54

-29.34 To 425.5 %

Cross Section



8

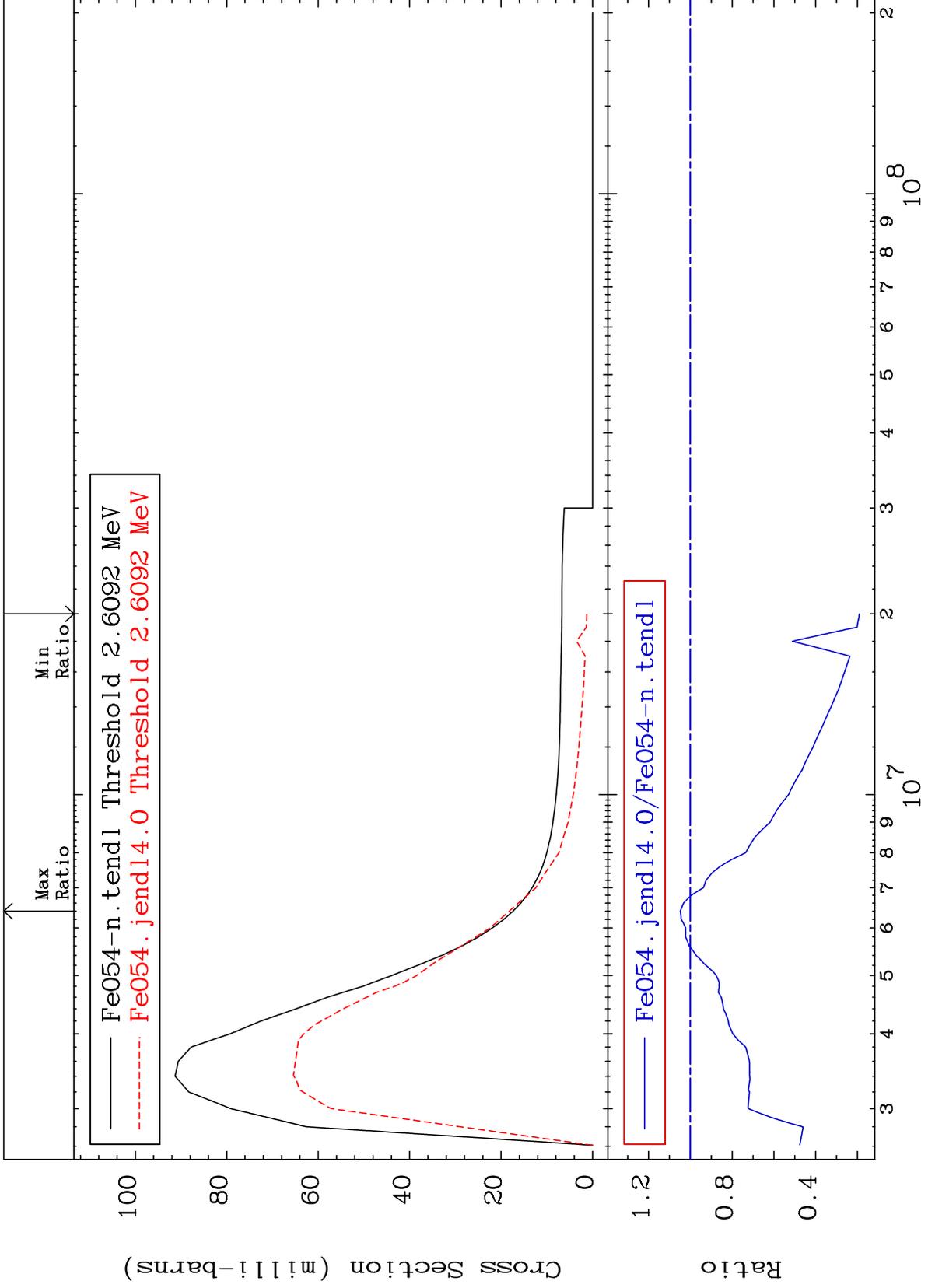
Incident Energy (eV)

<sup>26</sup>Fe-54

MAT 2625

2.561 MeV (n,n') Level  
Cross Section

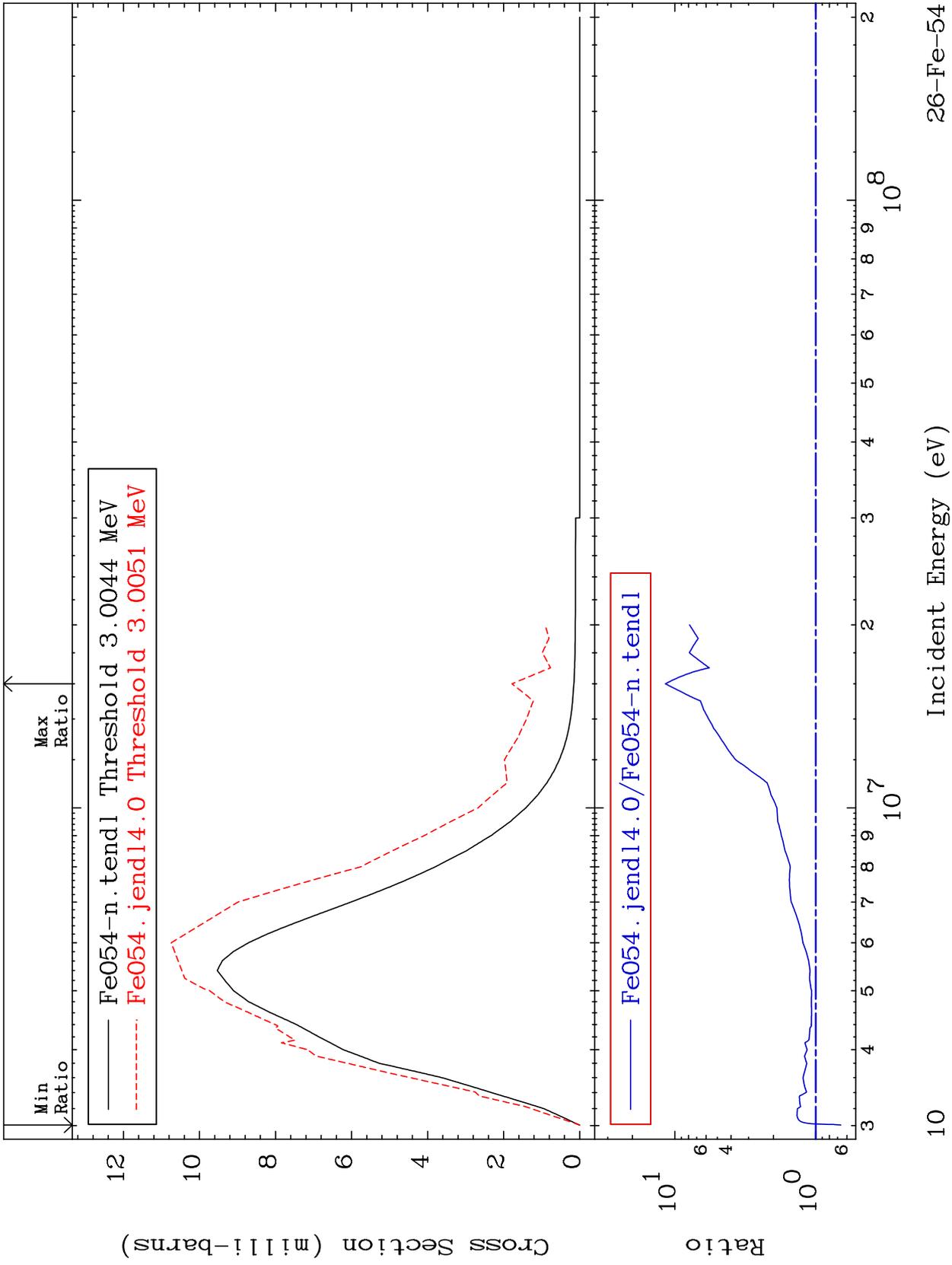
26-Fe-54  
-81.03 To 4.825 %



MAT 2625

2.949 MeV (n,n') Level  
Cross Section

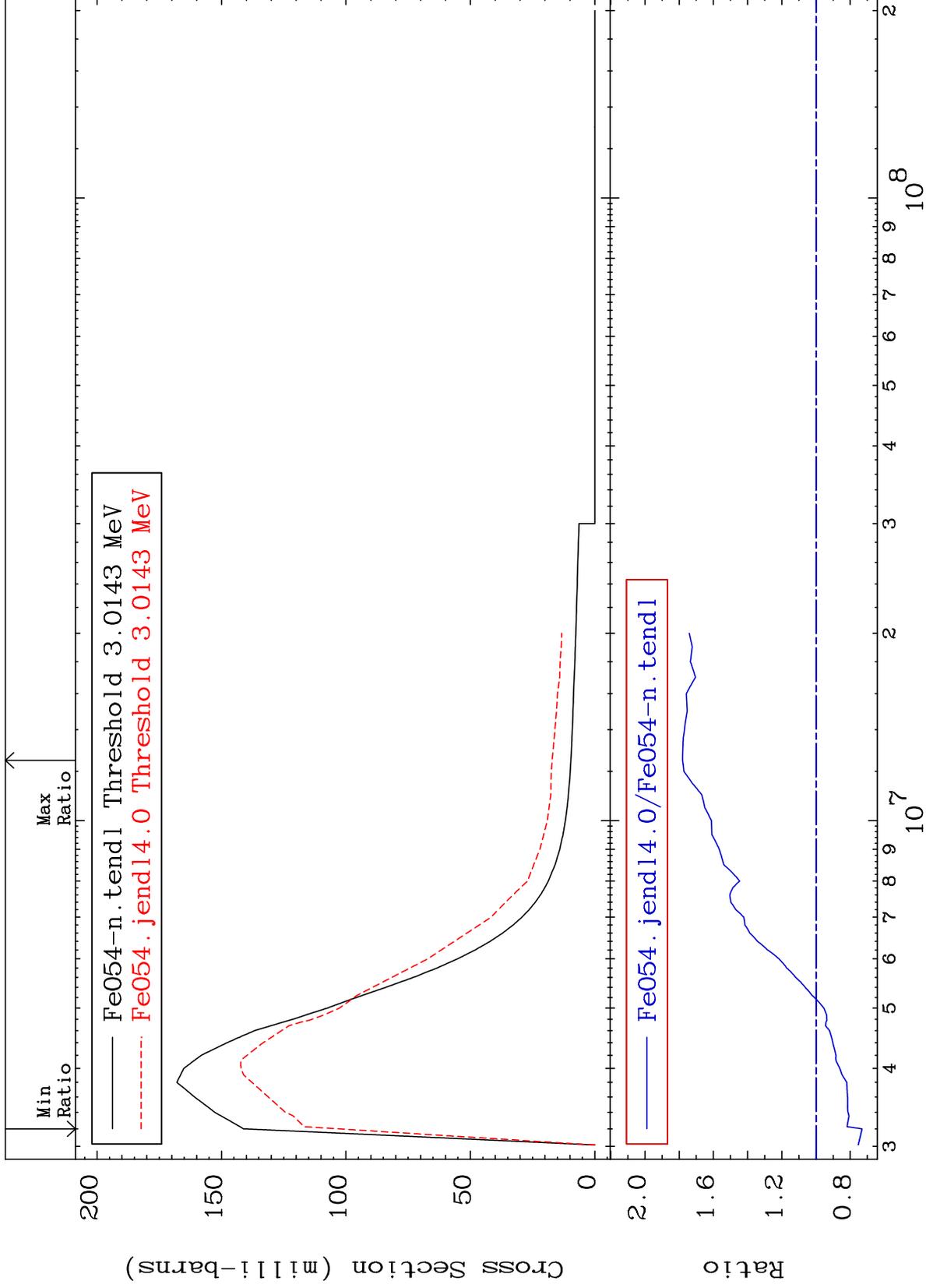
26-Fe-54  
-33.61 To 1066. %



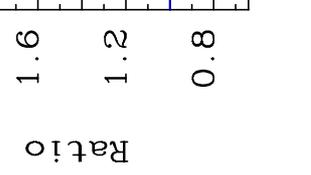
MAT 2625

2.959 MeV (n,n') Level  
Cross Section

26-Fe-54  
-26.91 To 77.97 %



— Fe054.jendl4.0/Fe054-n.tendl



11

Incident Energy (eV)

26-Fe-54

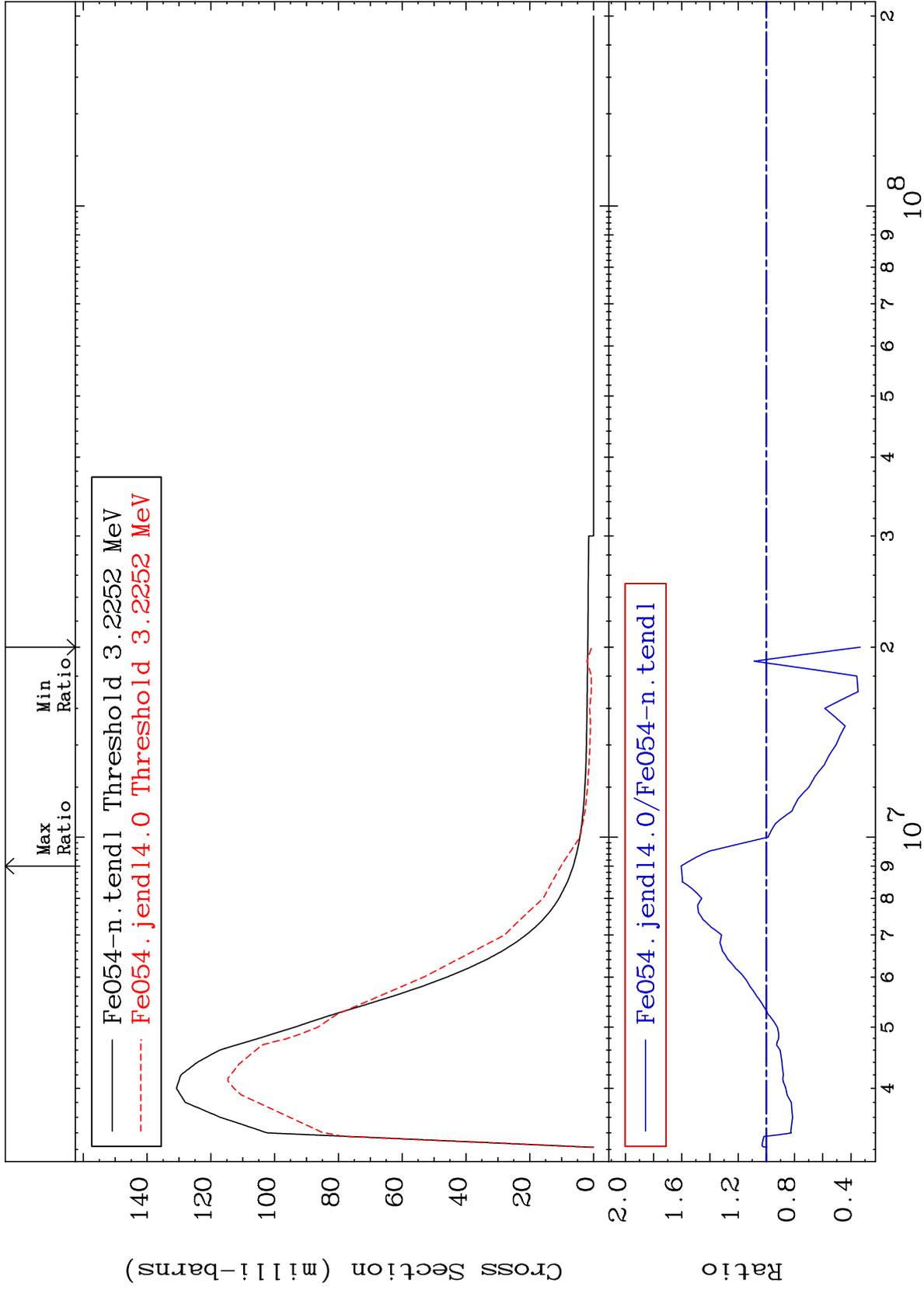
MAT 2625

3.166 MeV (n,n') Level

<sup>26</sup>Fe-54

-66.56 To 60.44 %

Cross Section



12

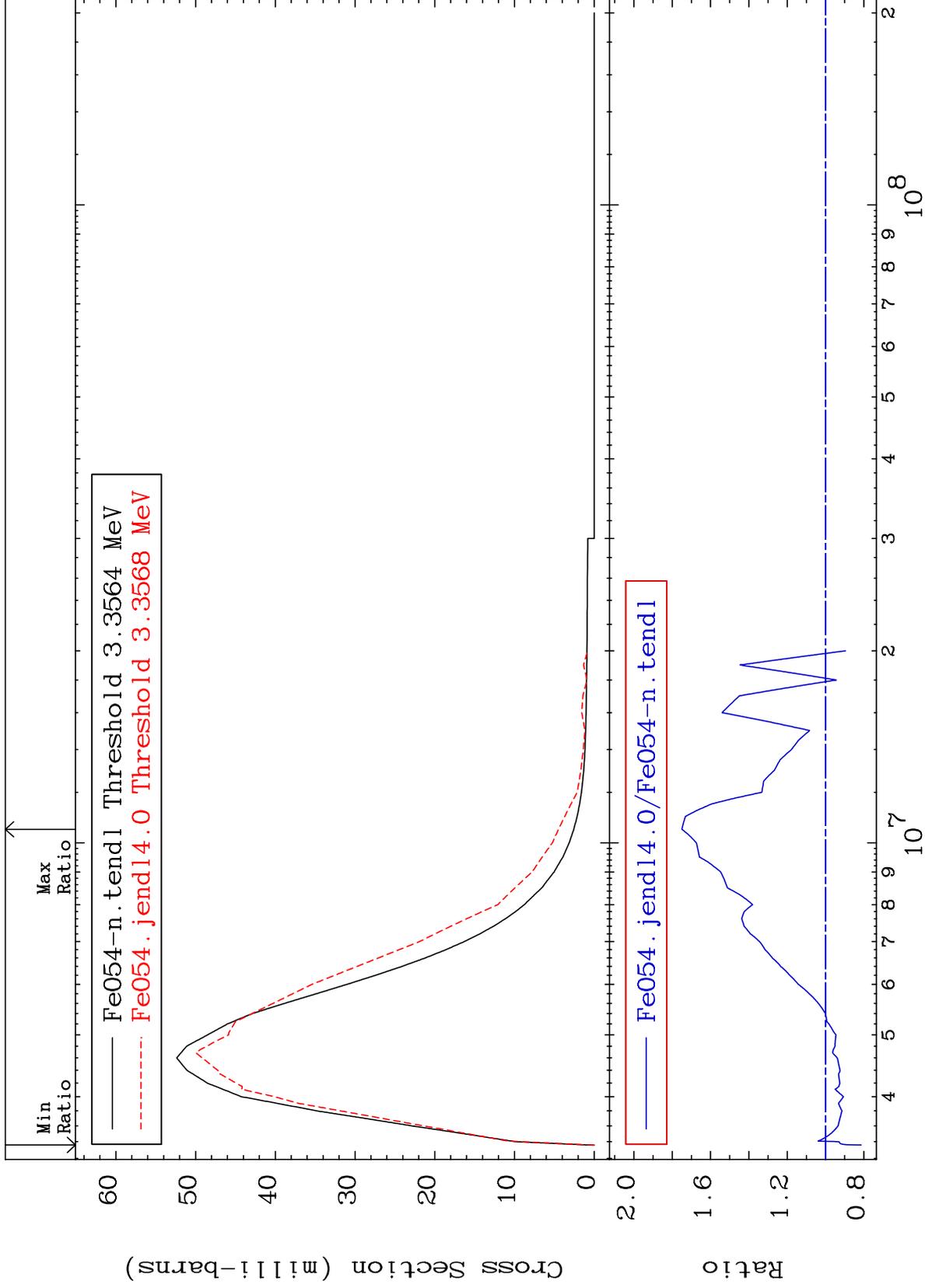
Incident Energy (eV)

<sup>26</sup>Fe-54

MAT 2625

3.295 MeV (n,n') Level  
Cross Section

26-Fe-54  
-18.56 To 74.93 %



13

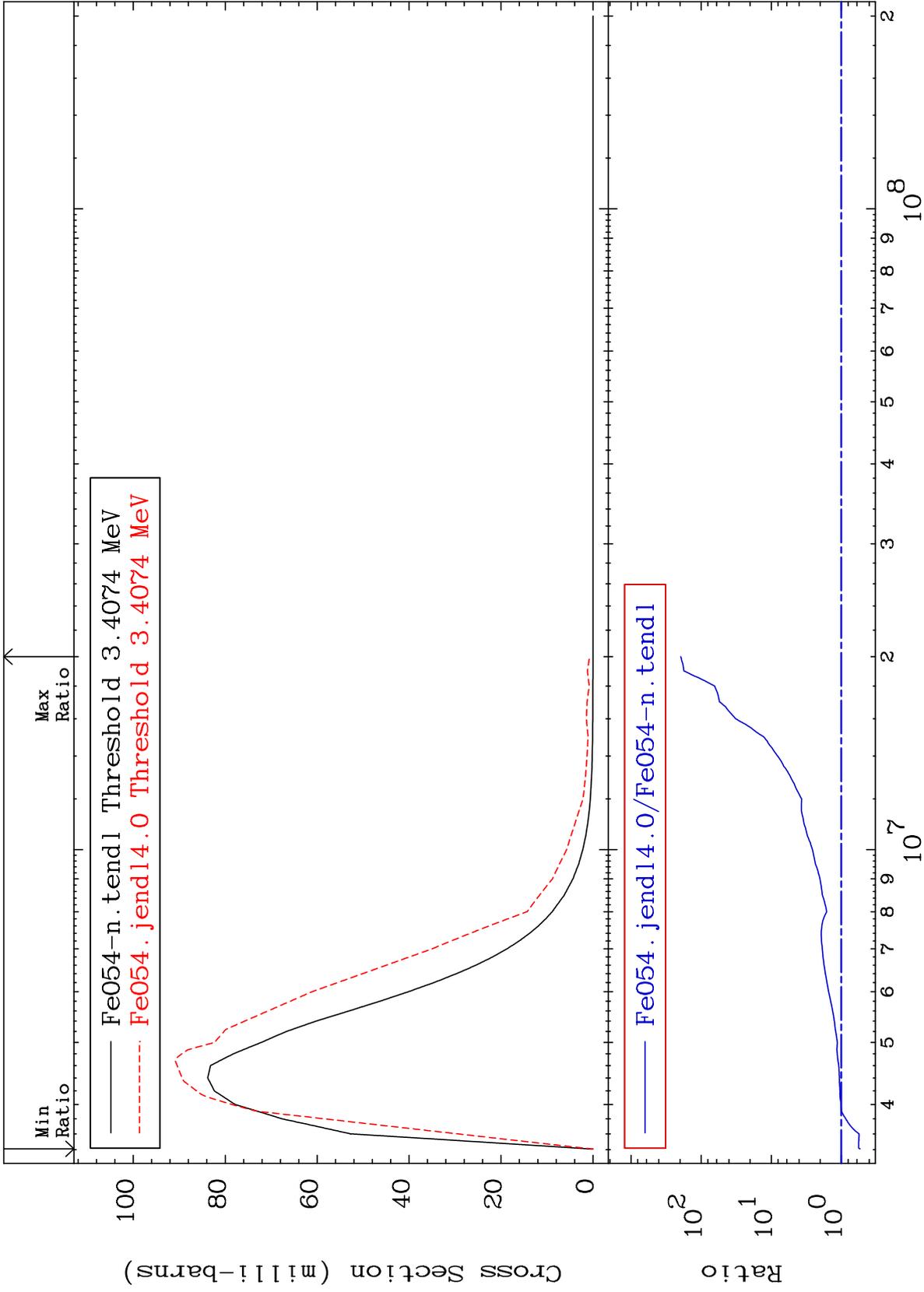
Incident Energy (eV)

26-Fe-54

MAT 2625

3.345 MeV (n,n') Level  
Cross Section

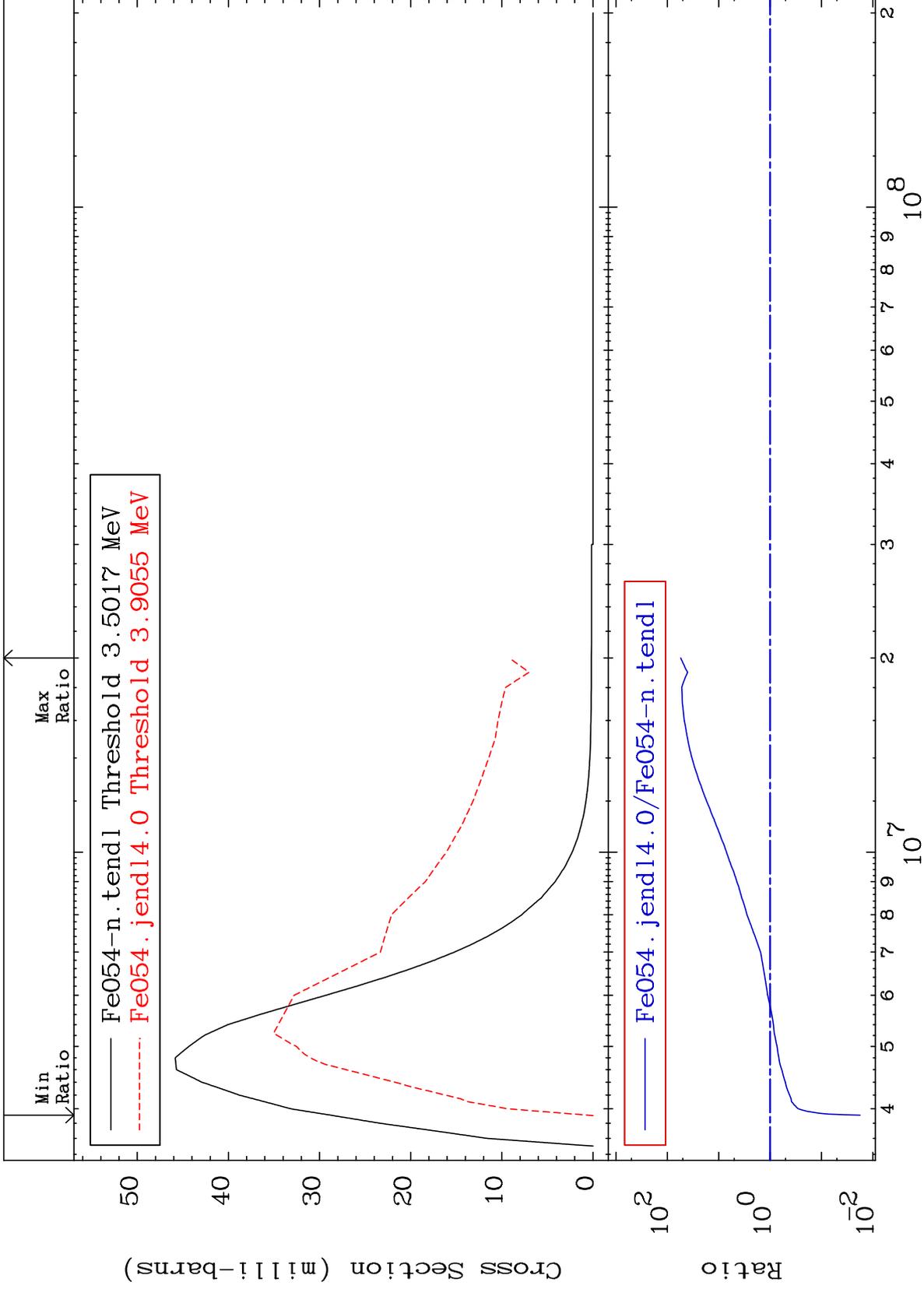
26-Fe-54  
-45.91 To 9999. %



MAT 2625

3.437 MeV (n,n') Level  
Cross Section

26-Fe-54  
-98.23 To 5392. %



15

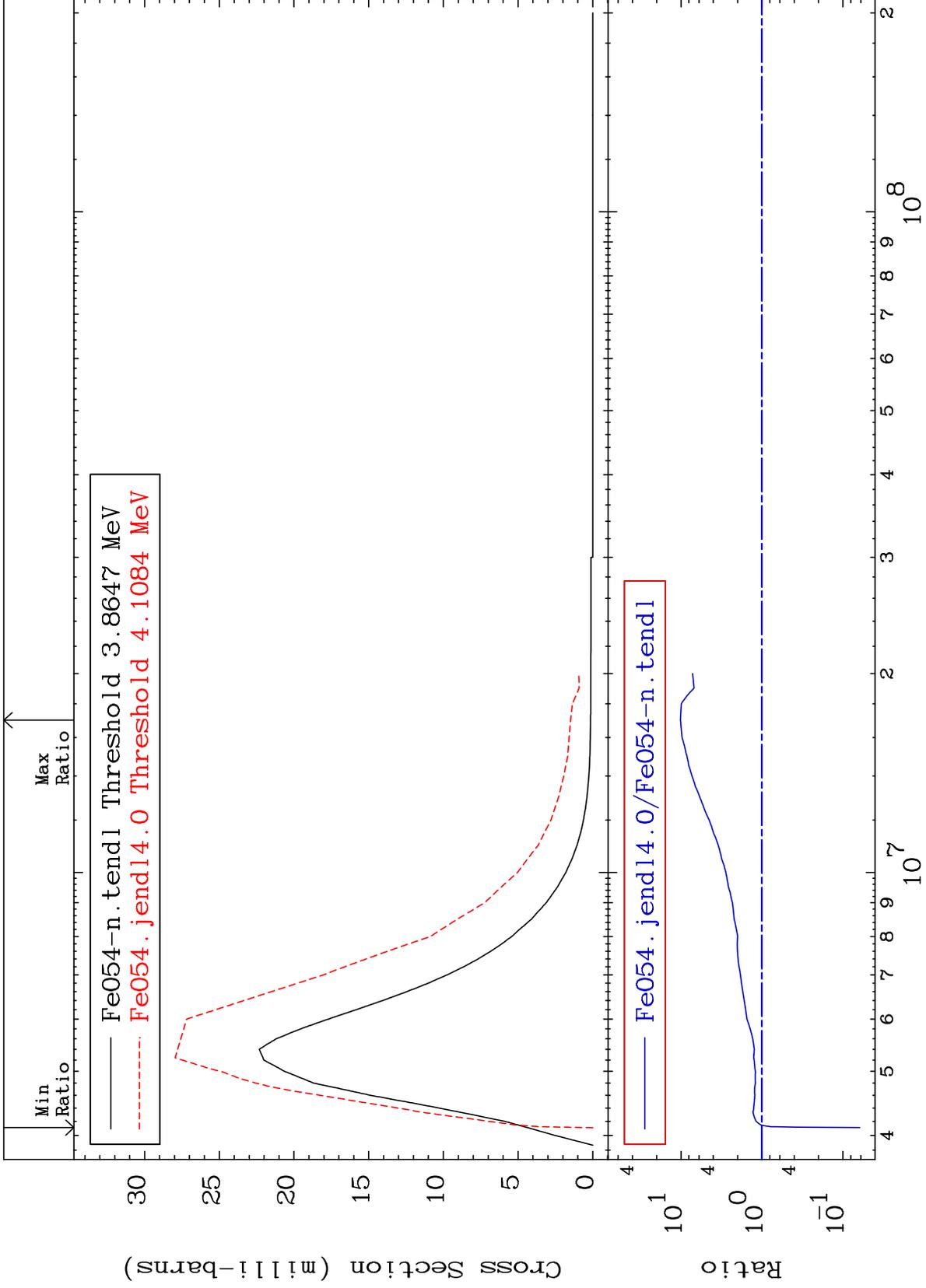
Incident Energy (eV)

26-Fe-54

MAT 2625

3.794 MeV (n,n') Level  
Cross Section

26-Fe-54  
-93.82 To 916.3 %



16

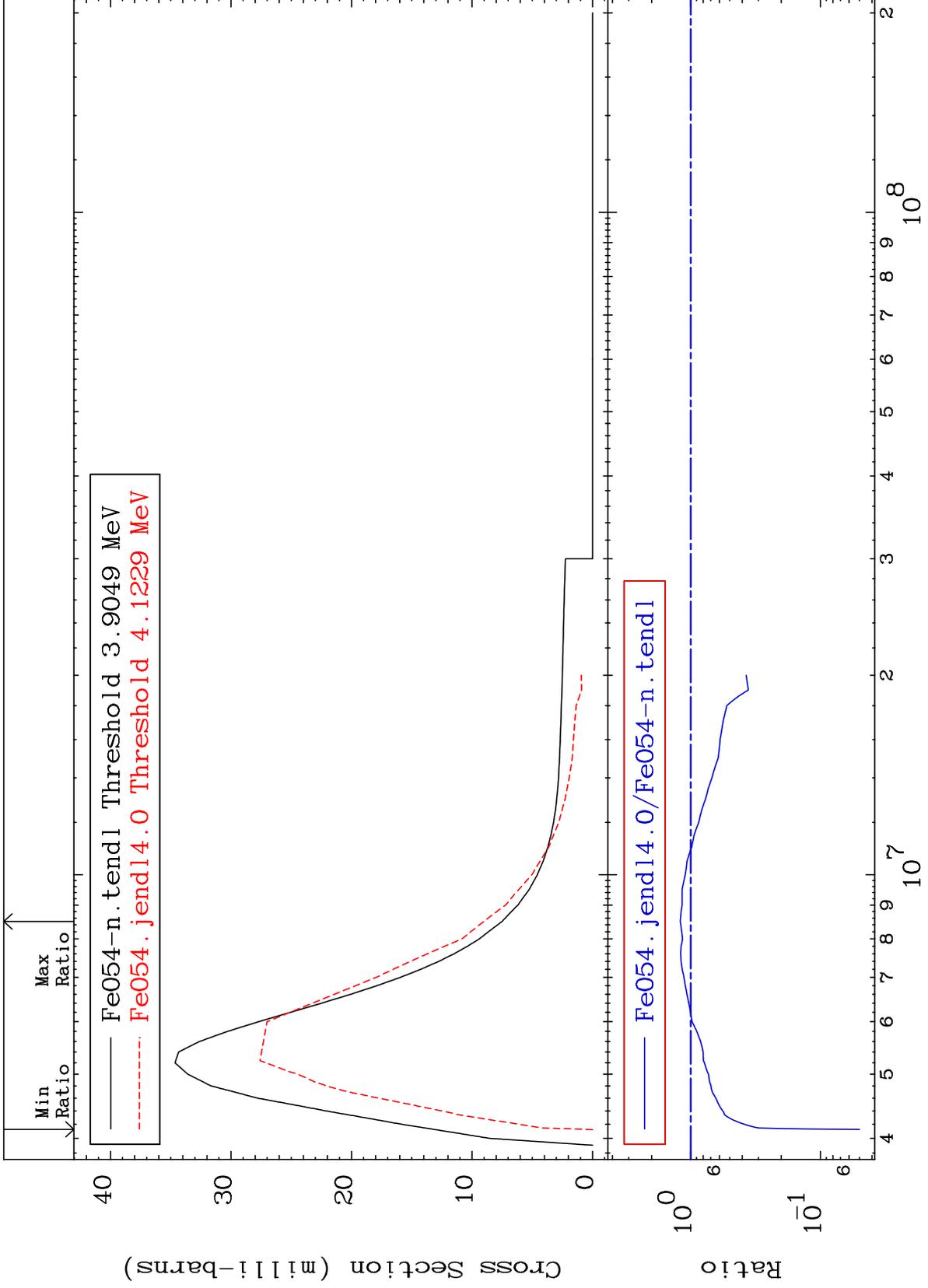
Incident Energy (eV)

26-Fe-54

MAT 2625

3.833 MeV (n,n') Level  
Cross Section

26-Fe-54  
-95.01 To 20.12 %



17

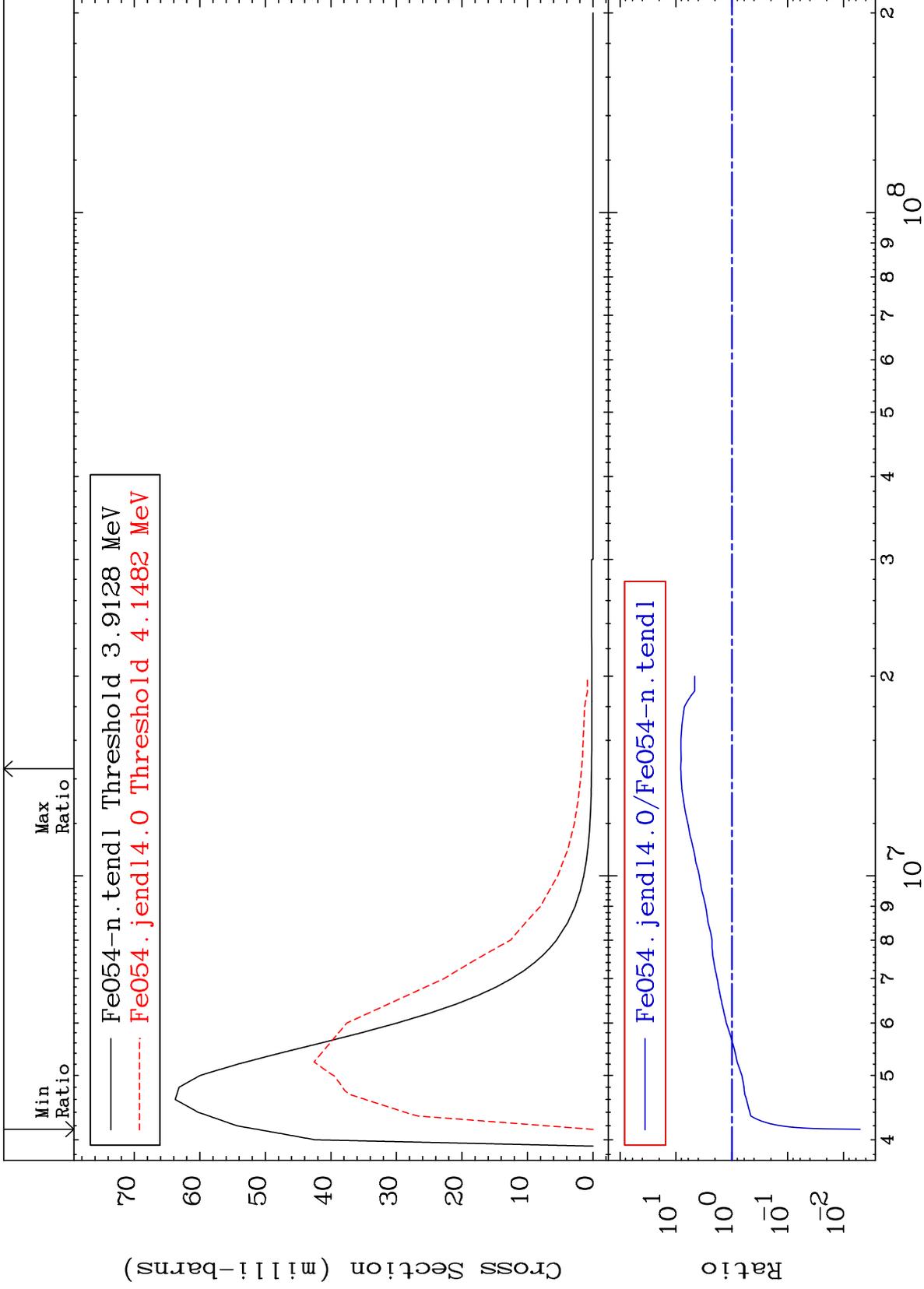
26-Fe-54

26-Fe-54

MAT 2625

3.841 MeV (n,n') Level  
Cross Section

26-Fe-54  
-99.49 To 719.5 %



18

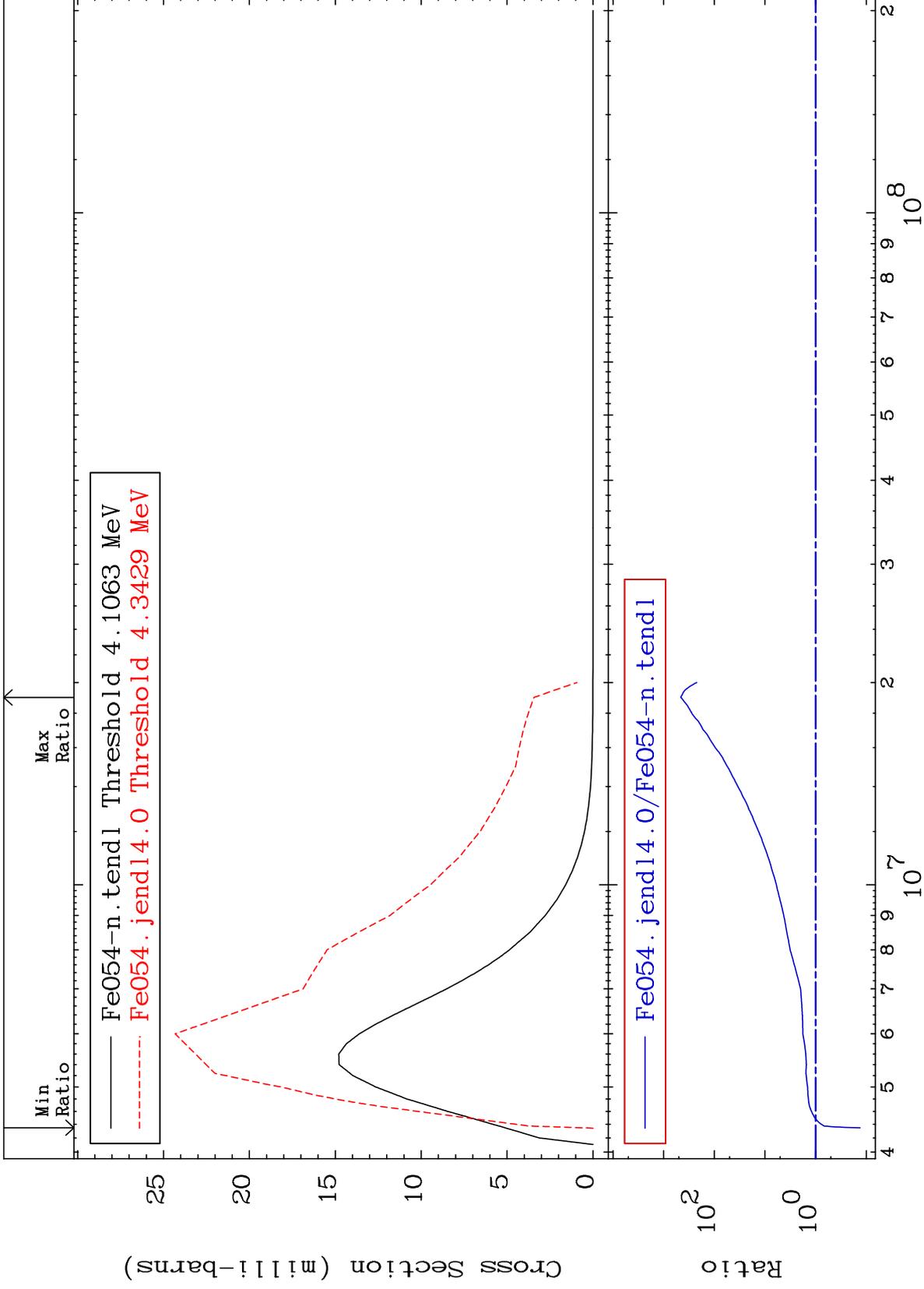
Incident Energy (eV)

26-Fe-54

MAT 2625

4.031 MeV (n,n') Level  
Cross Section

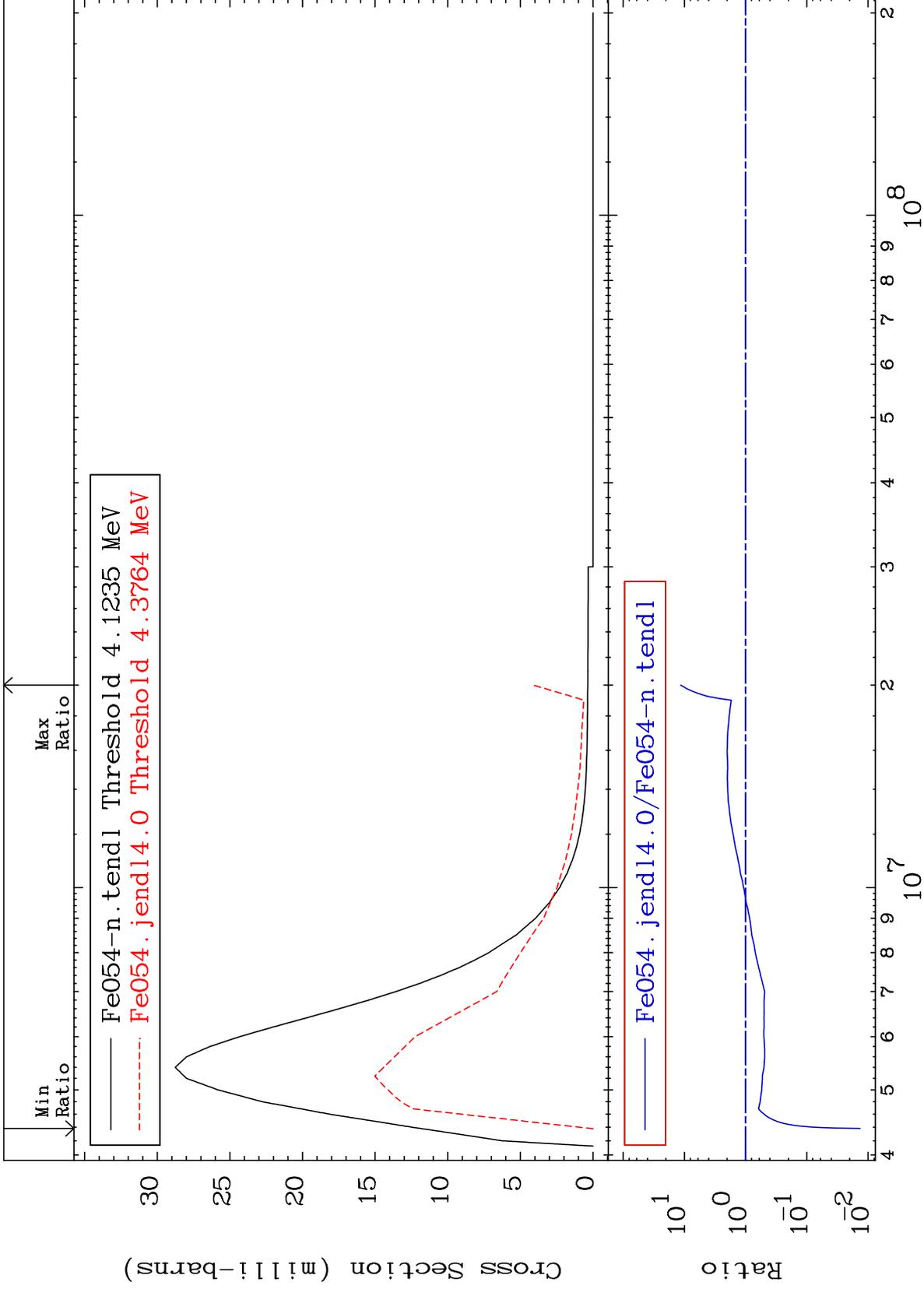
26-Fe-54  
-86.76 To 9999. %



19

26-Fe-54

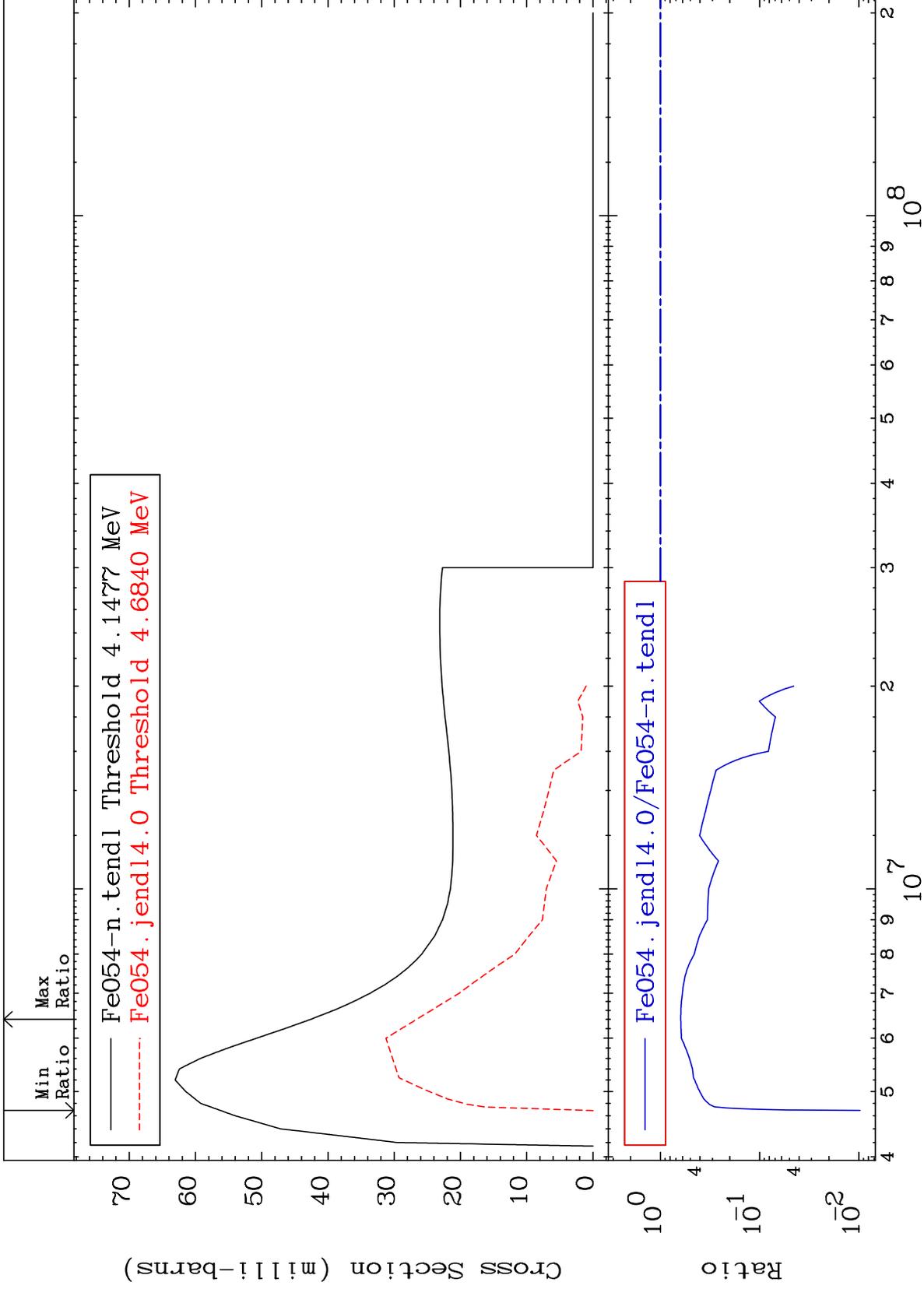
26-Fe-54



MAT 2625

4.072 MeV (n,n') Level  
Cross Section

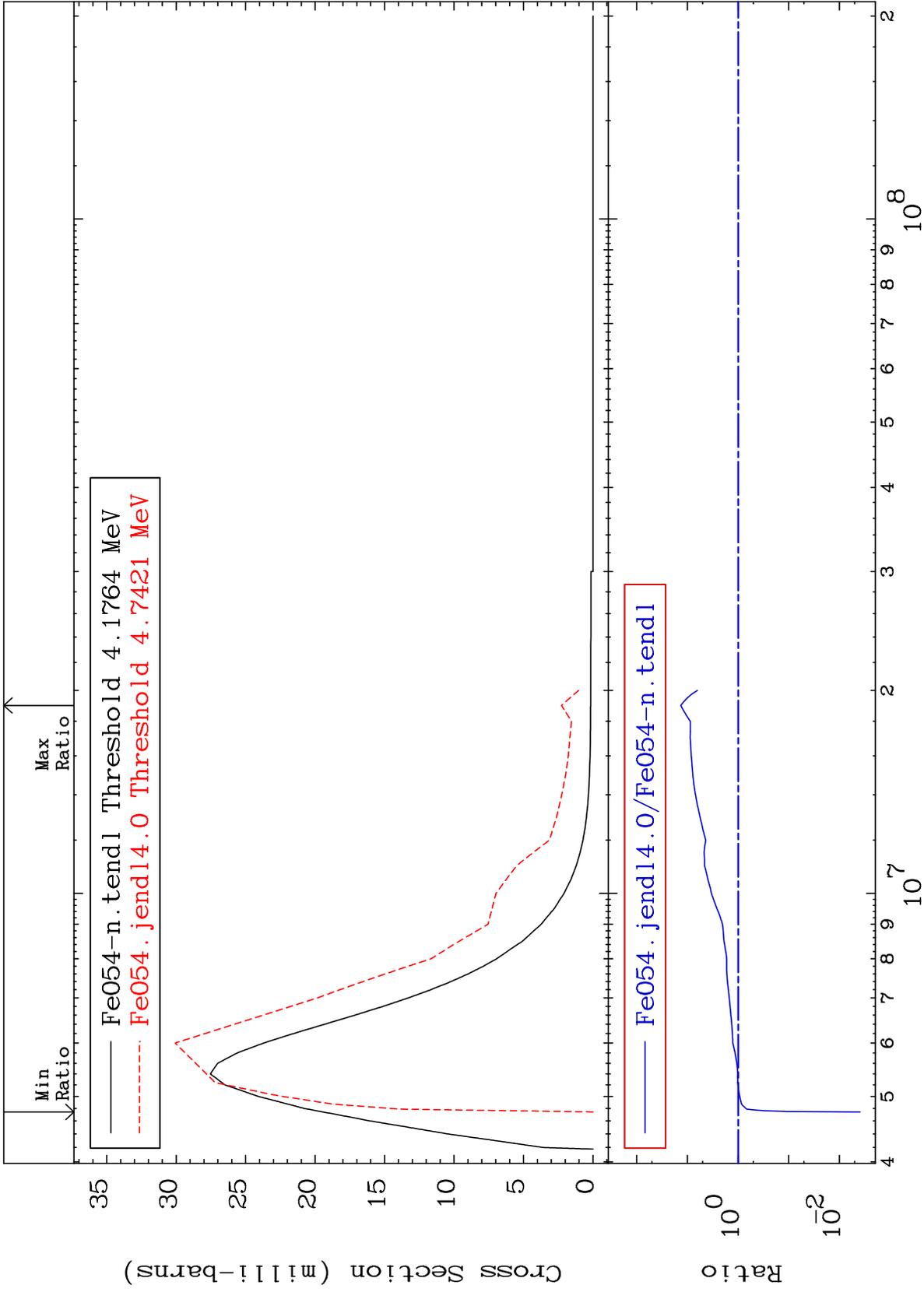
26-Fe-54  
-99.03 To -37.51%



MAT 2625

4.100 MeV (n,n') Level  
Cross Section

26-Fe-54  
-99.61 To 1251. %



22

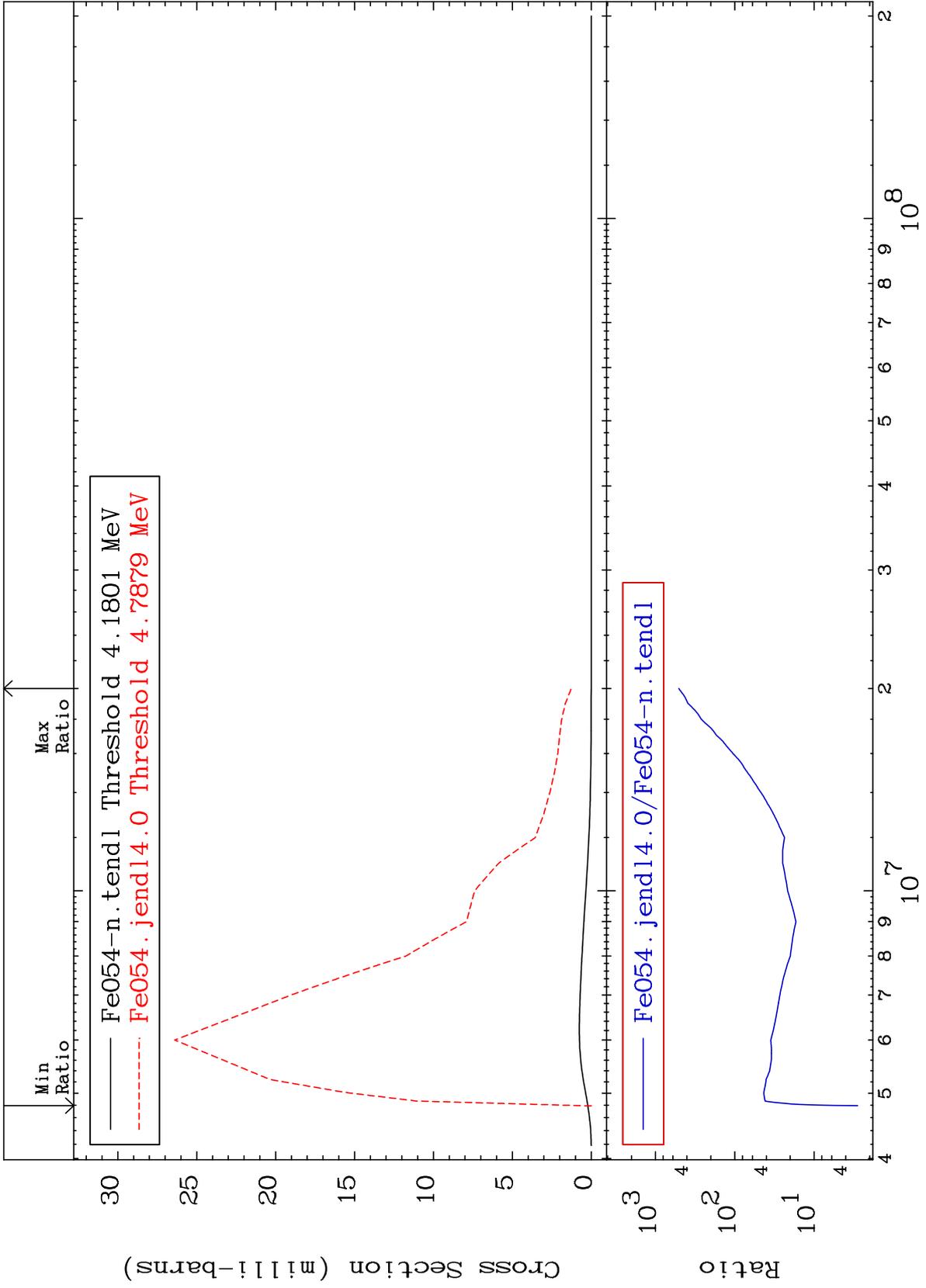
26-Fe-54

26-Fe-54

MAT 2625

4.103 MeV (n,n') Level  
Cross Section

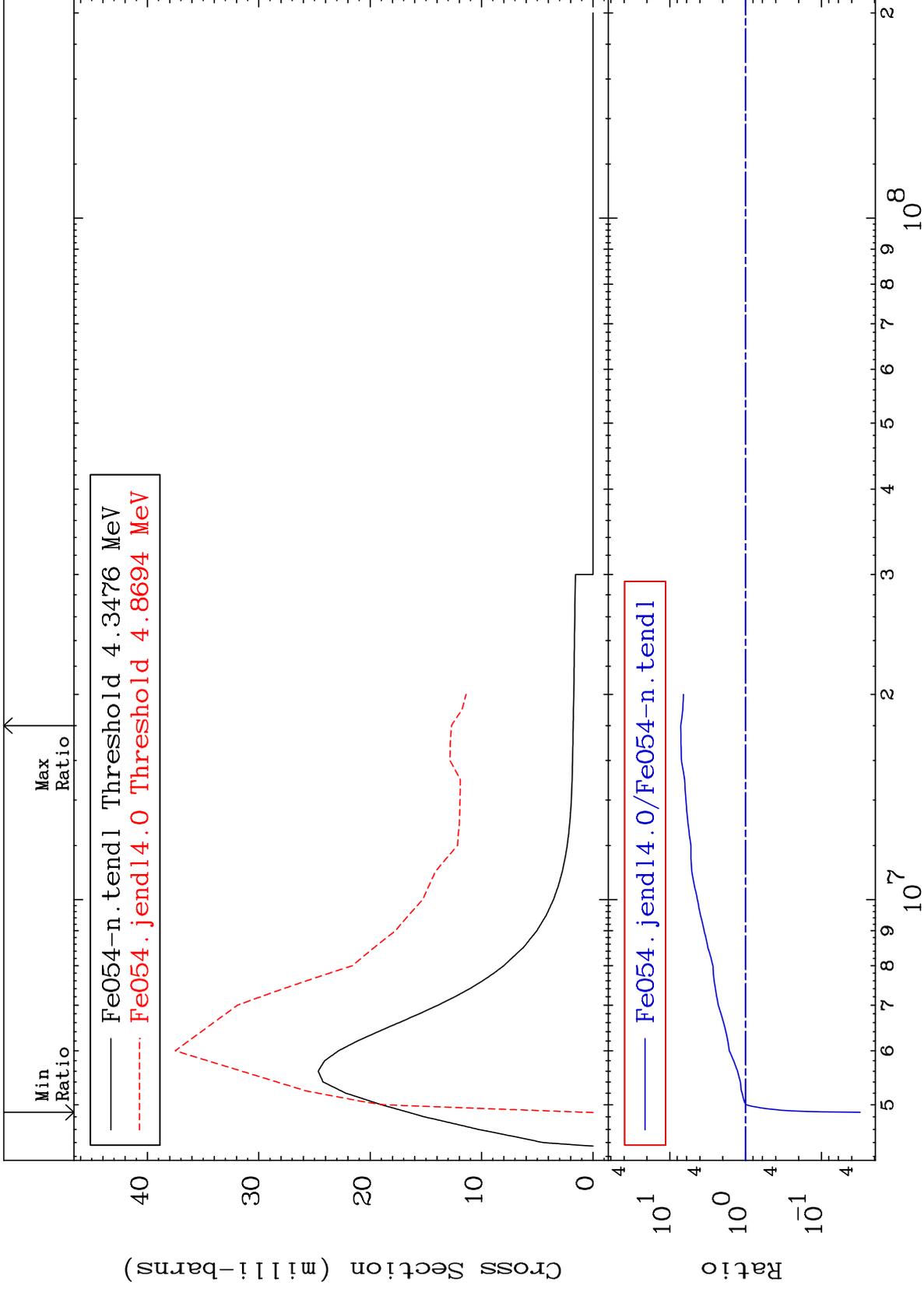
26-Fe-54  
183.3 To 9999. %



MAT 2625

4.268 MeV (n,n') Level  
Cross Section

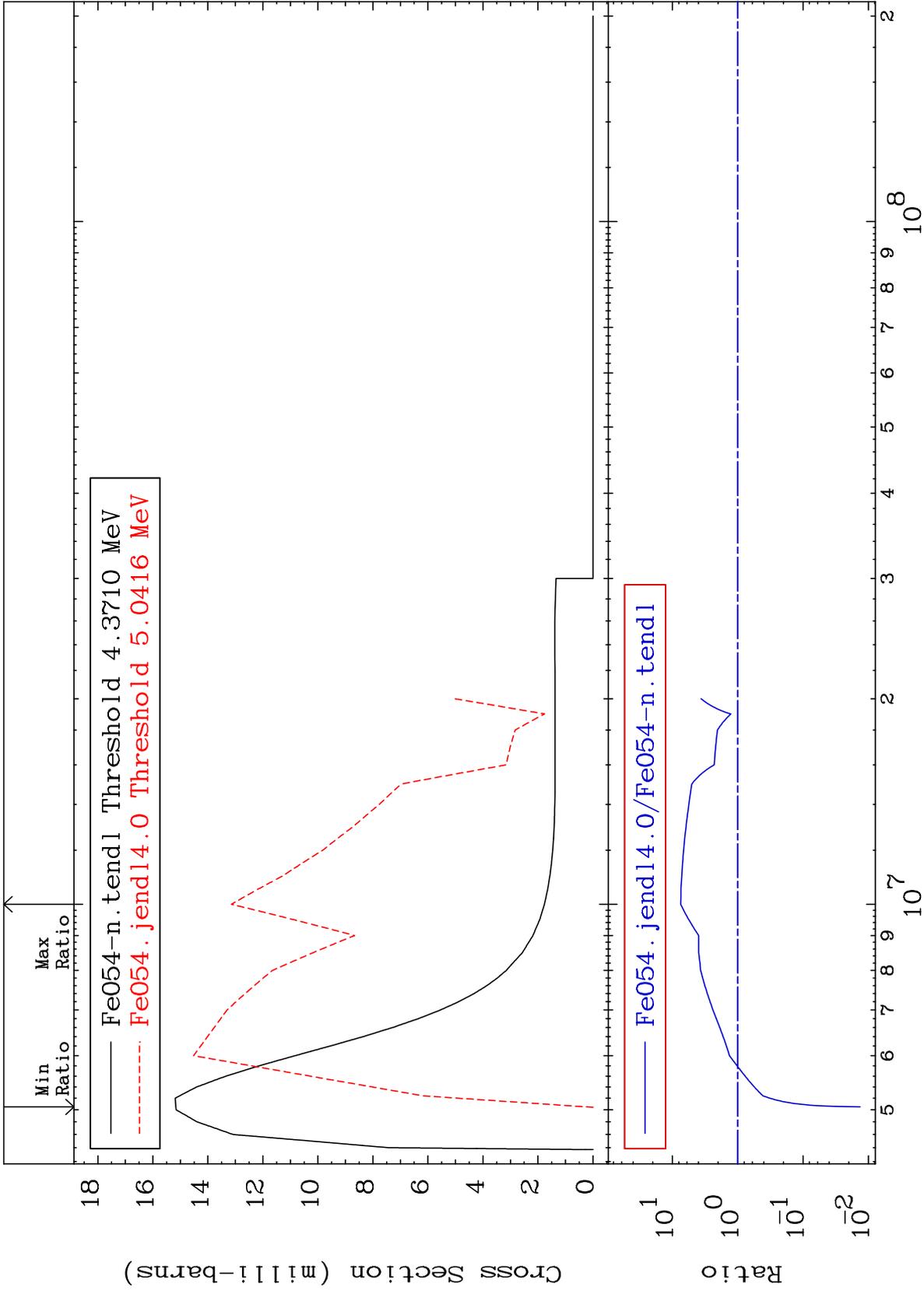
26-Fe-54  
-96.90 To 616.3 %



24

Incident Energy (eV)

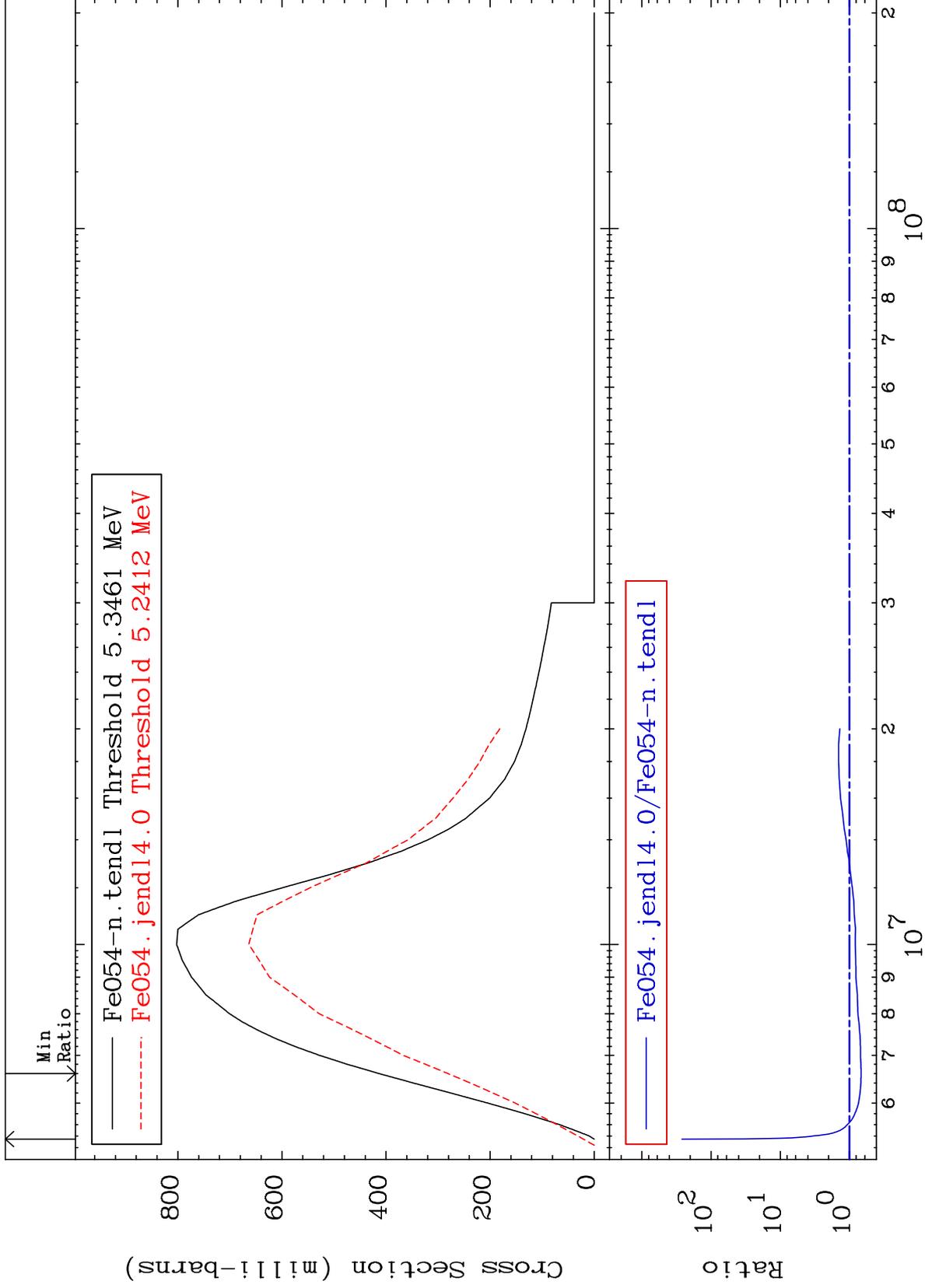
26-Fe-54



MAT 2625

(n, n') Continuum  
Cross Section

<sup>26</sup>Fe-54  
-32.07 To 9999. %



26

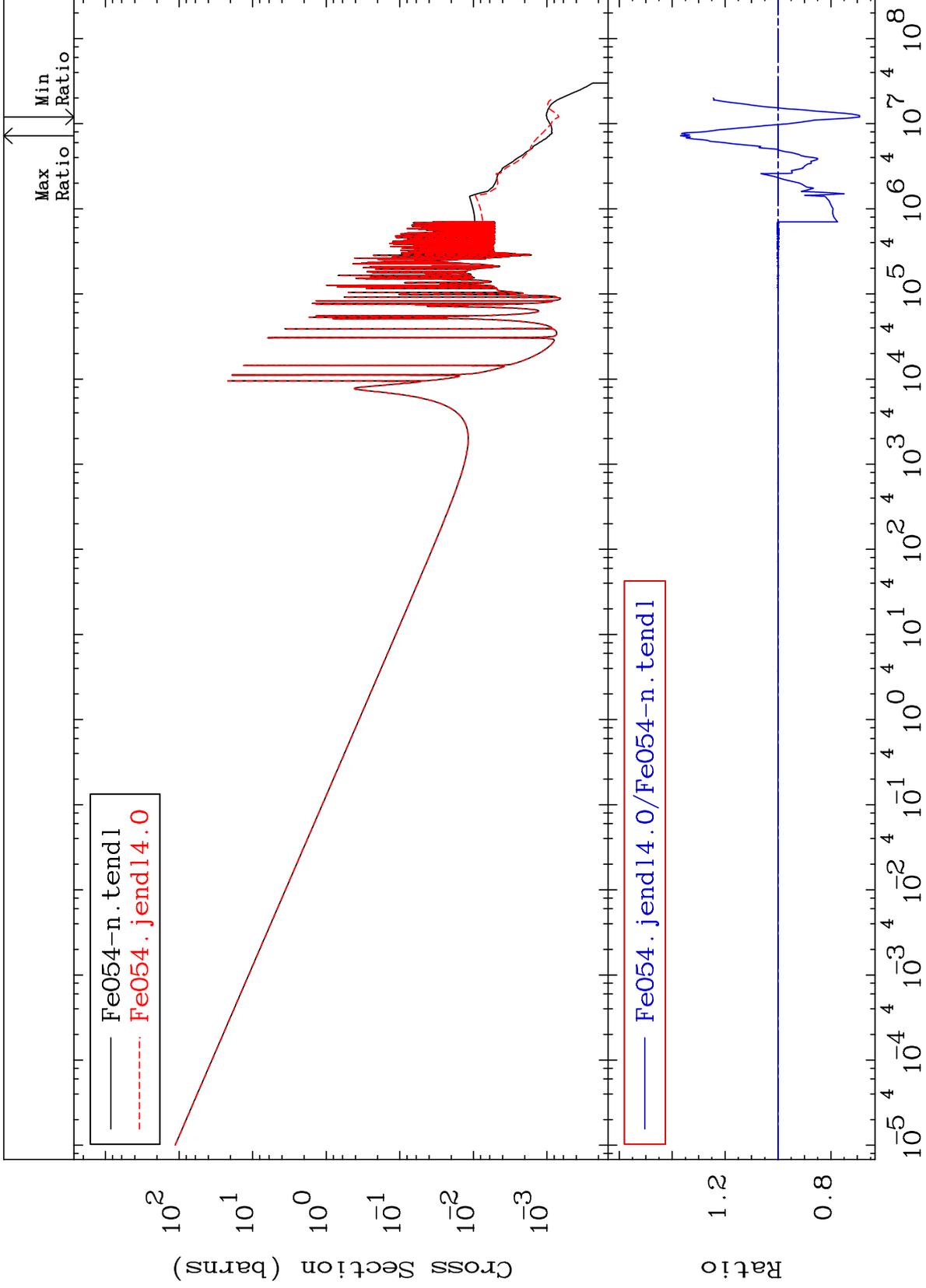
Incident Energy (eV)

<sup>26</sup>Fe-54

MAT 2625

(n,  $\gamma$ )  
Cross Section

26-Fe-54  
-30.93 To 36.85 %



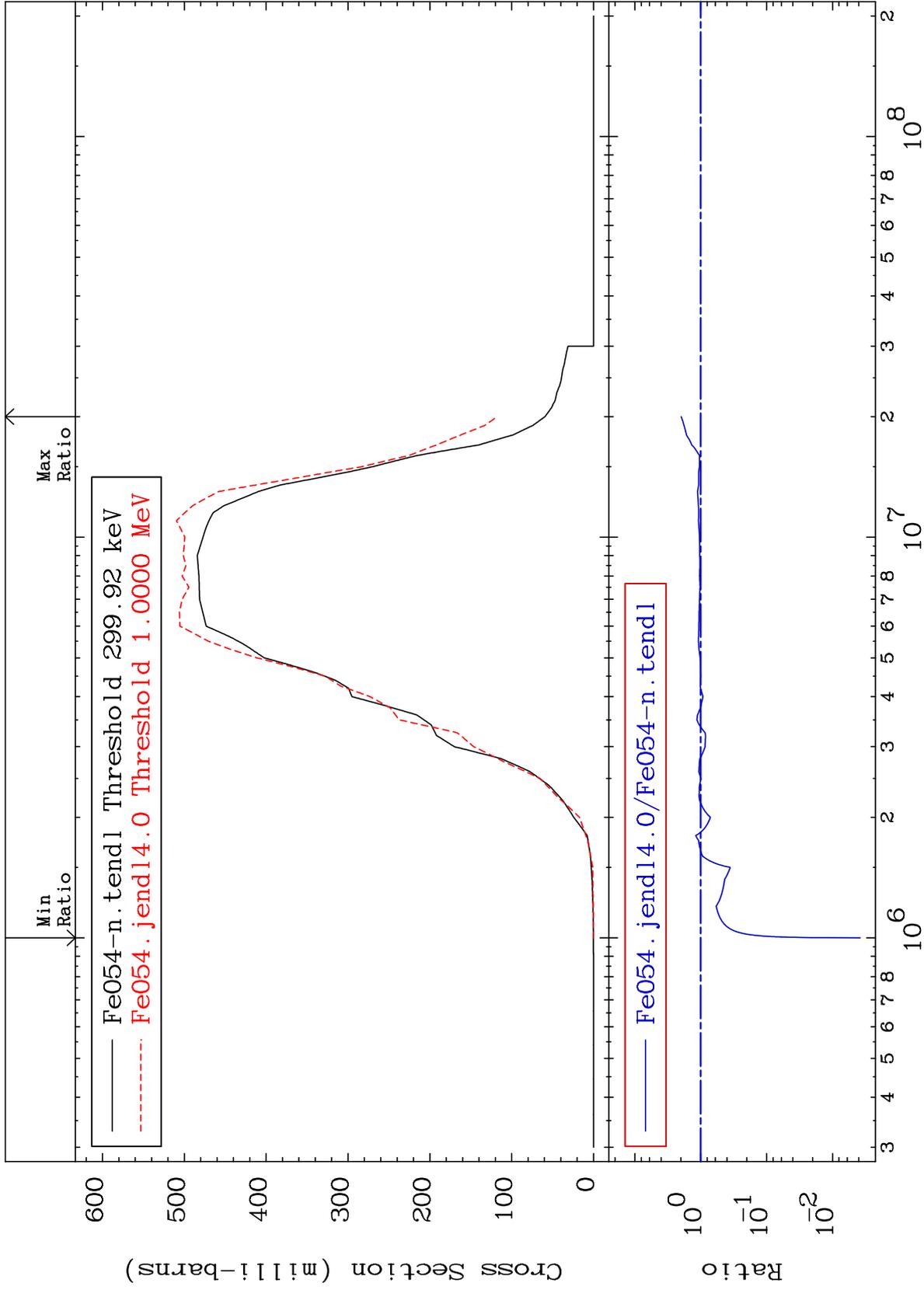
MAT 2625

(n,p)

<sup>26</sup>Fe-54

Cross Section

-99.62 To 98.29 %

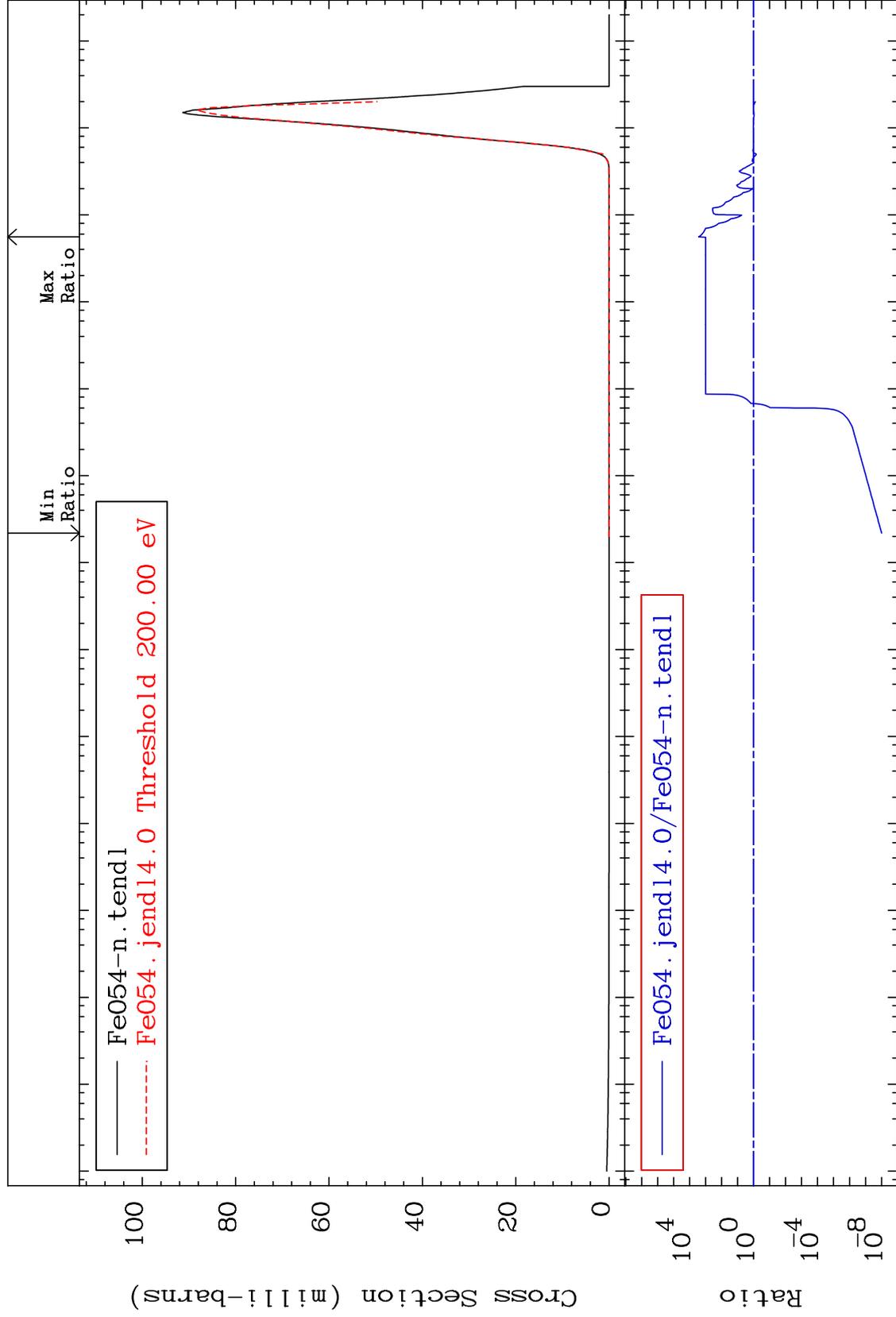


MAT 2625

<sup>26</sup>Fe-54

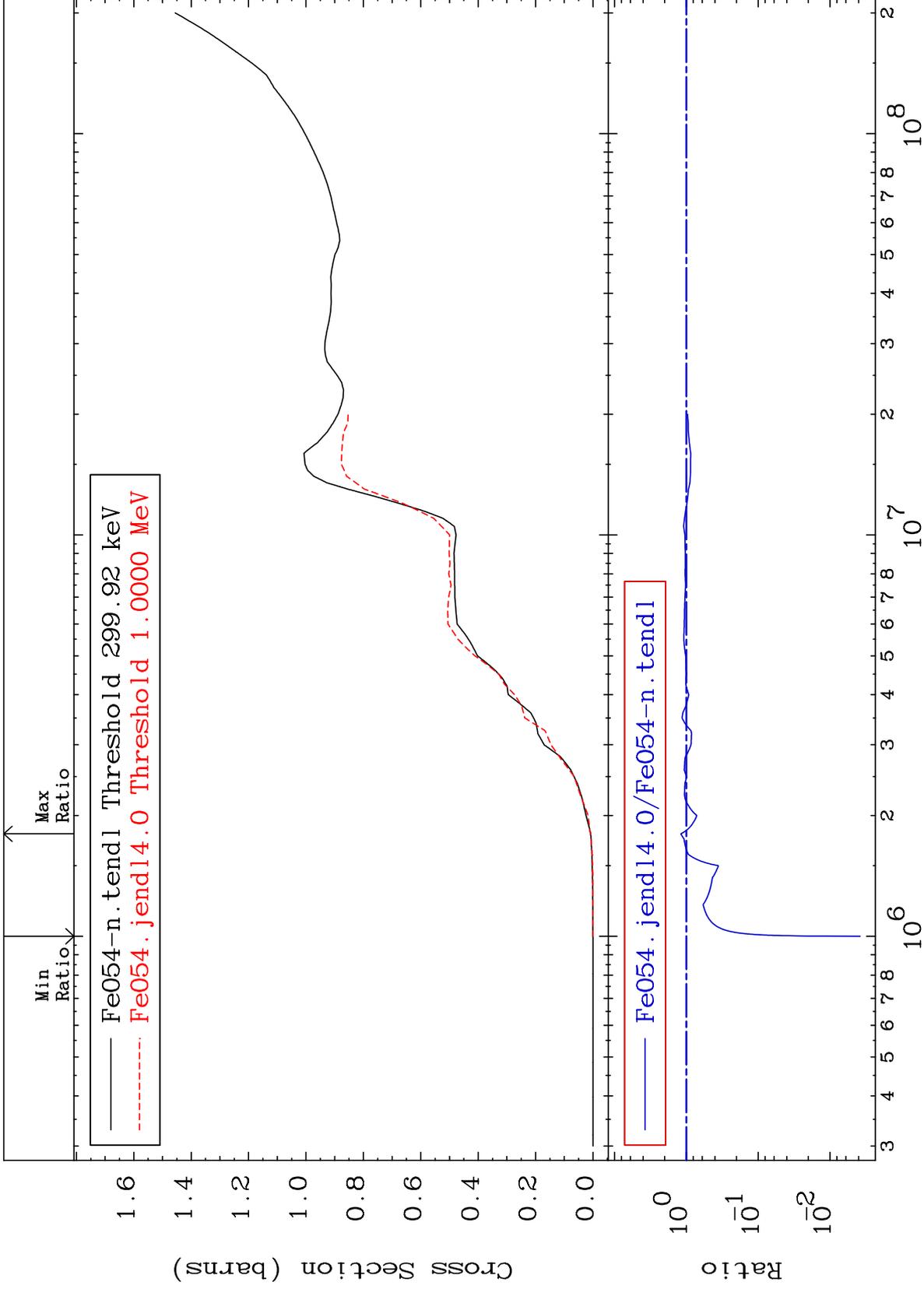
(n, α)  
Cross Section

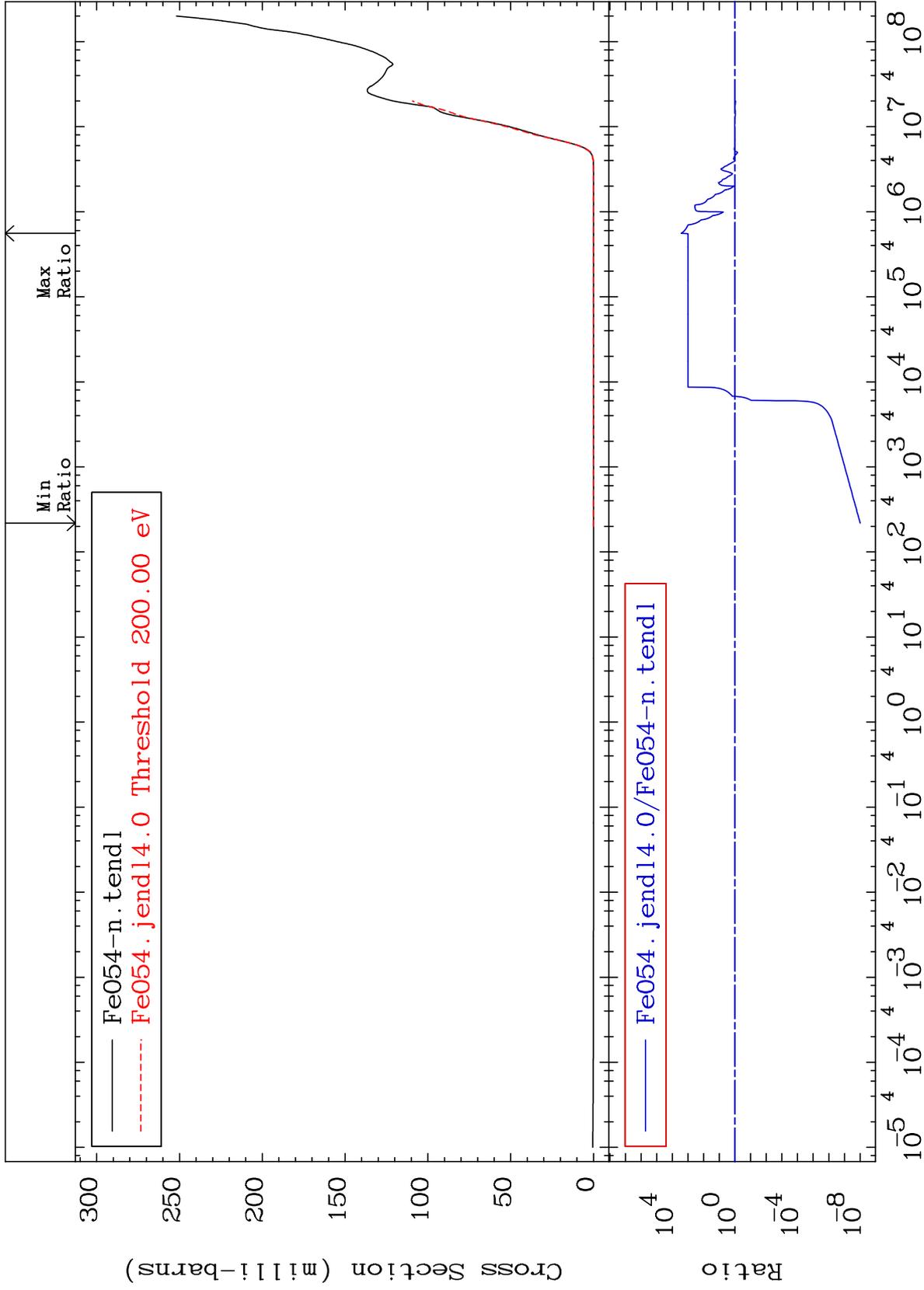
-100.0 To 9999. %



29

<sup>26</sup>Fe-54

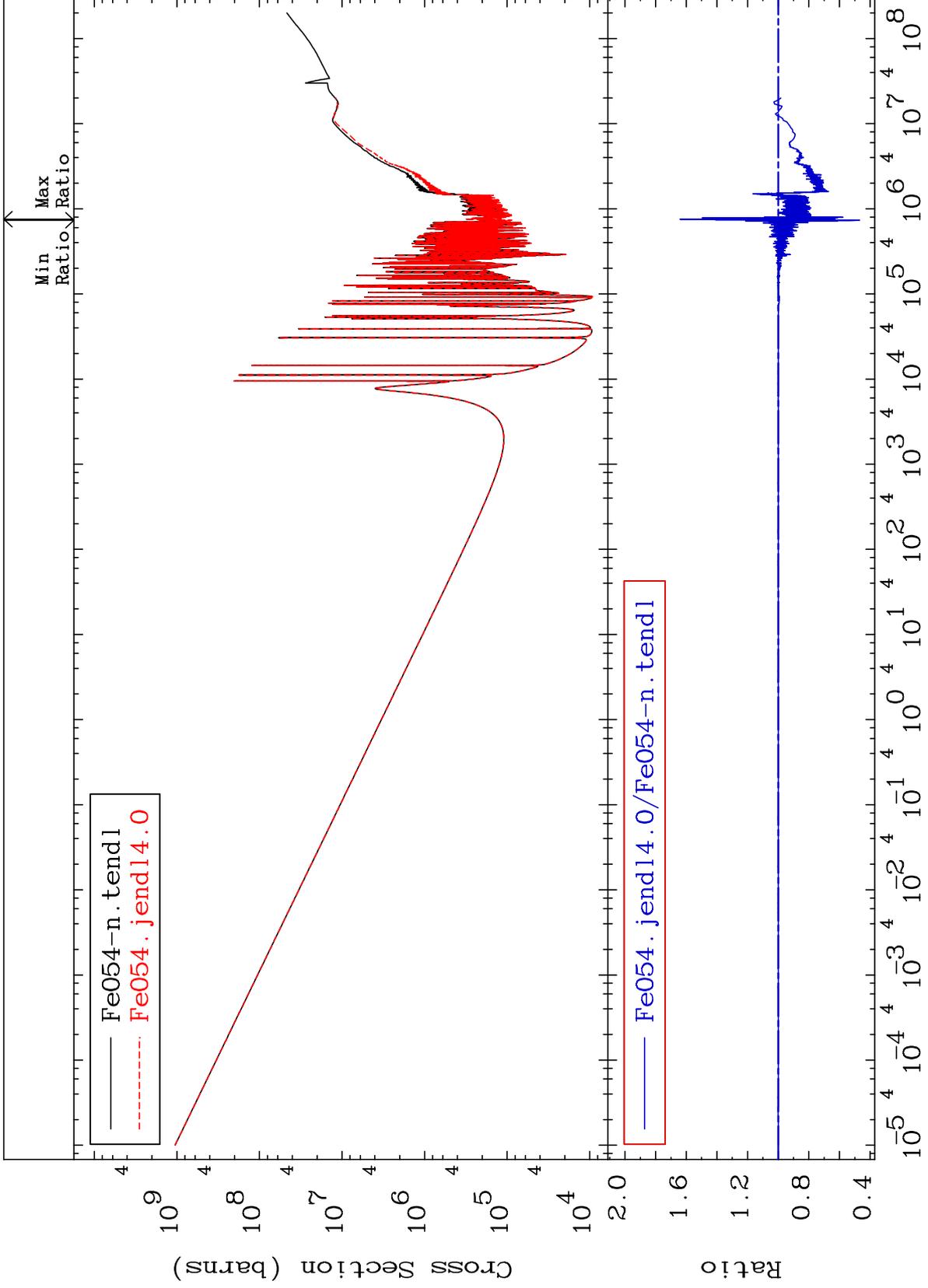




MAT 2625

Kerma total (eV-barns)  
Cross Section

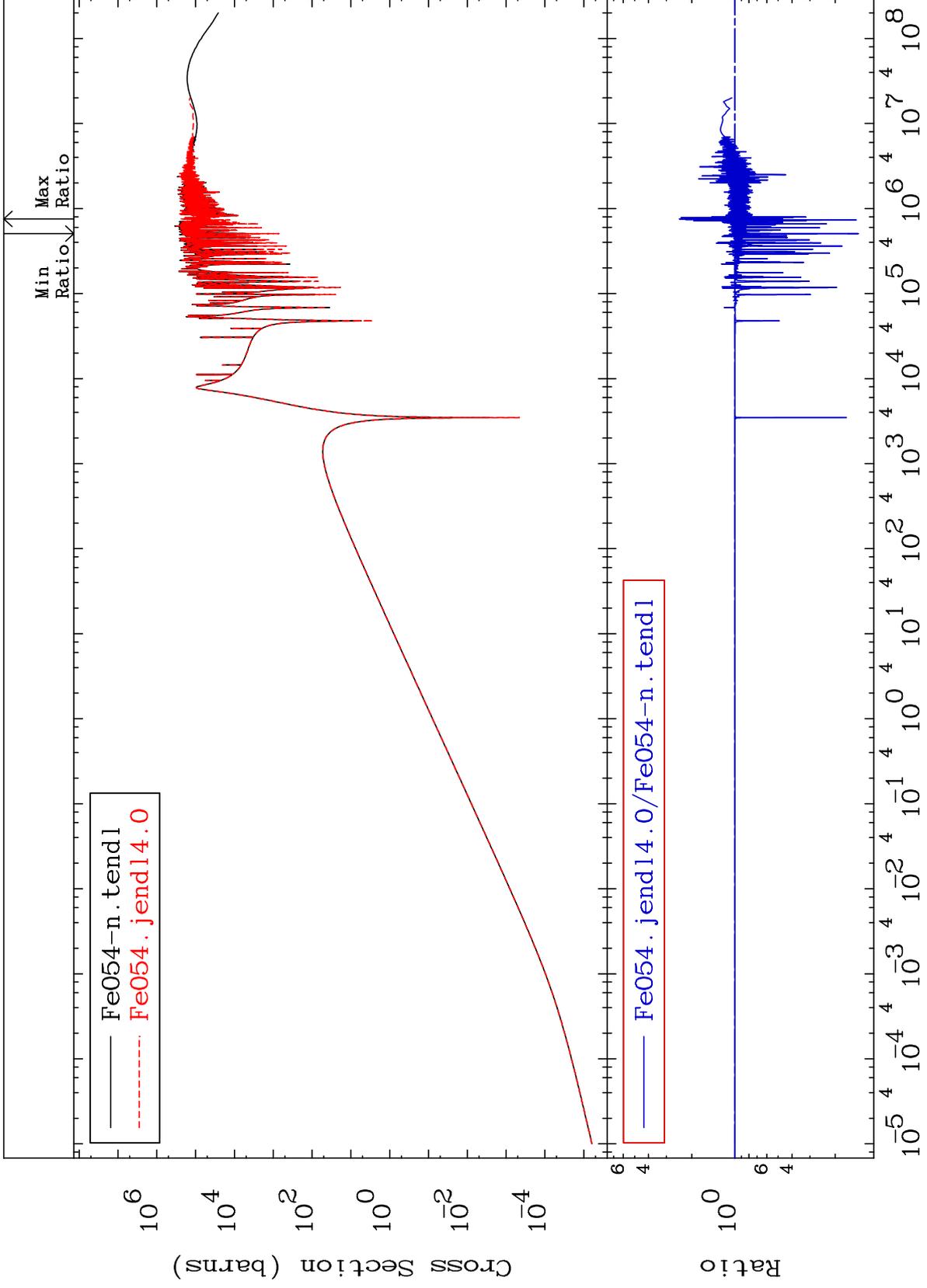
26-Fe-54  
-53.04 To 63.92 %

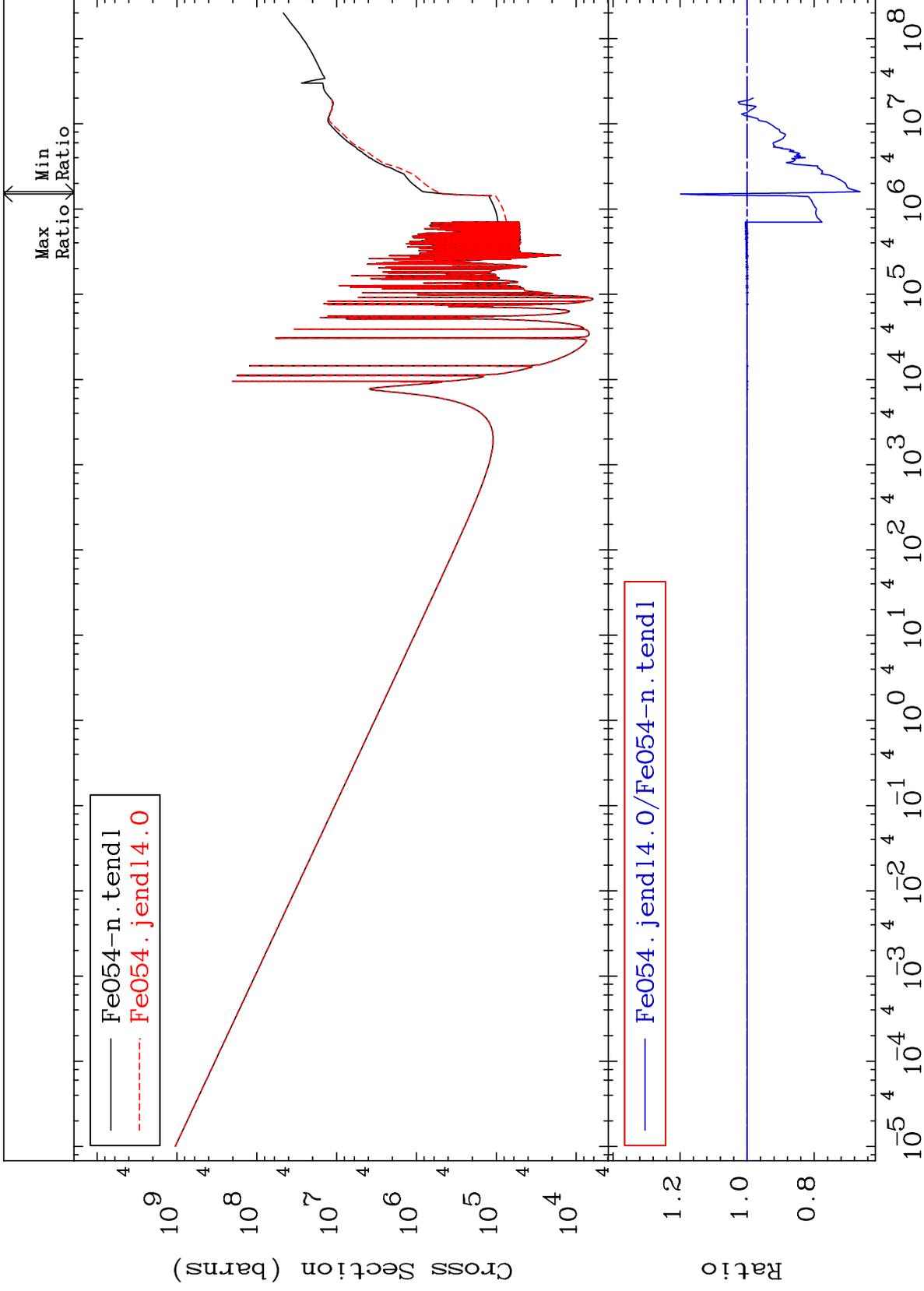


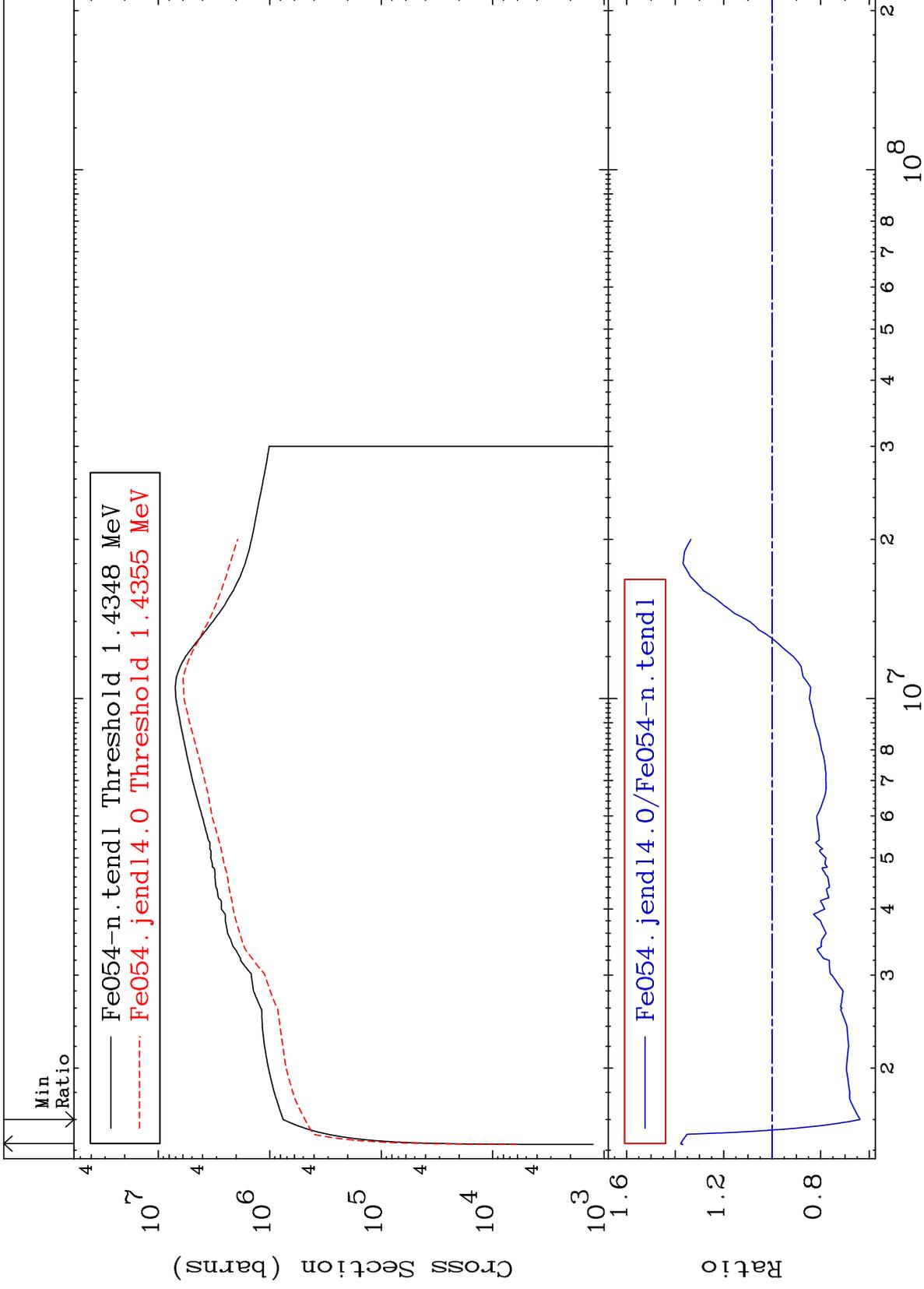
MAT 2625

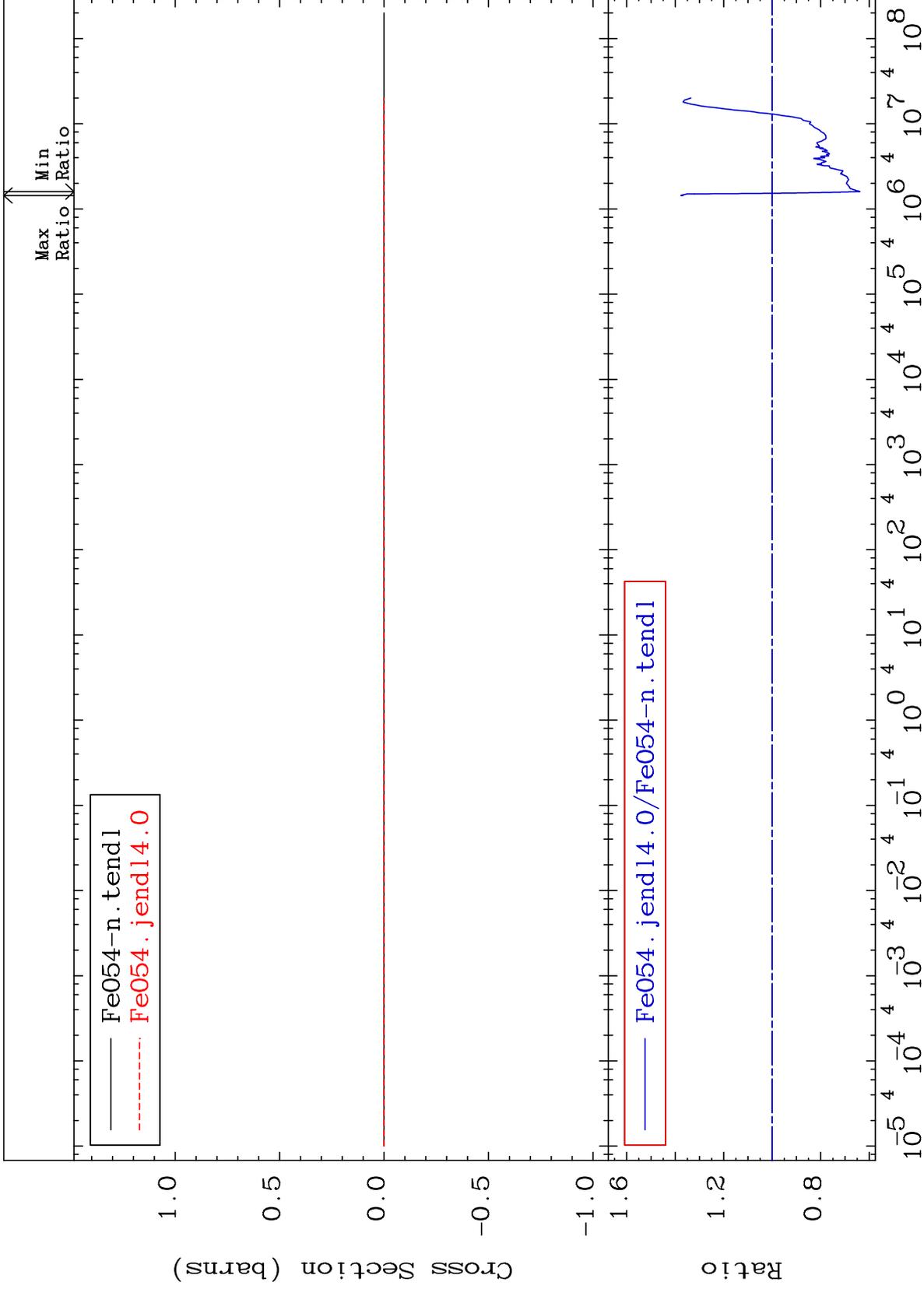
Kerma elastic  
Cross Section

26-Fe-54  
-86.25 To 143.2 %





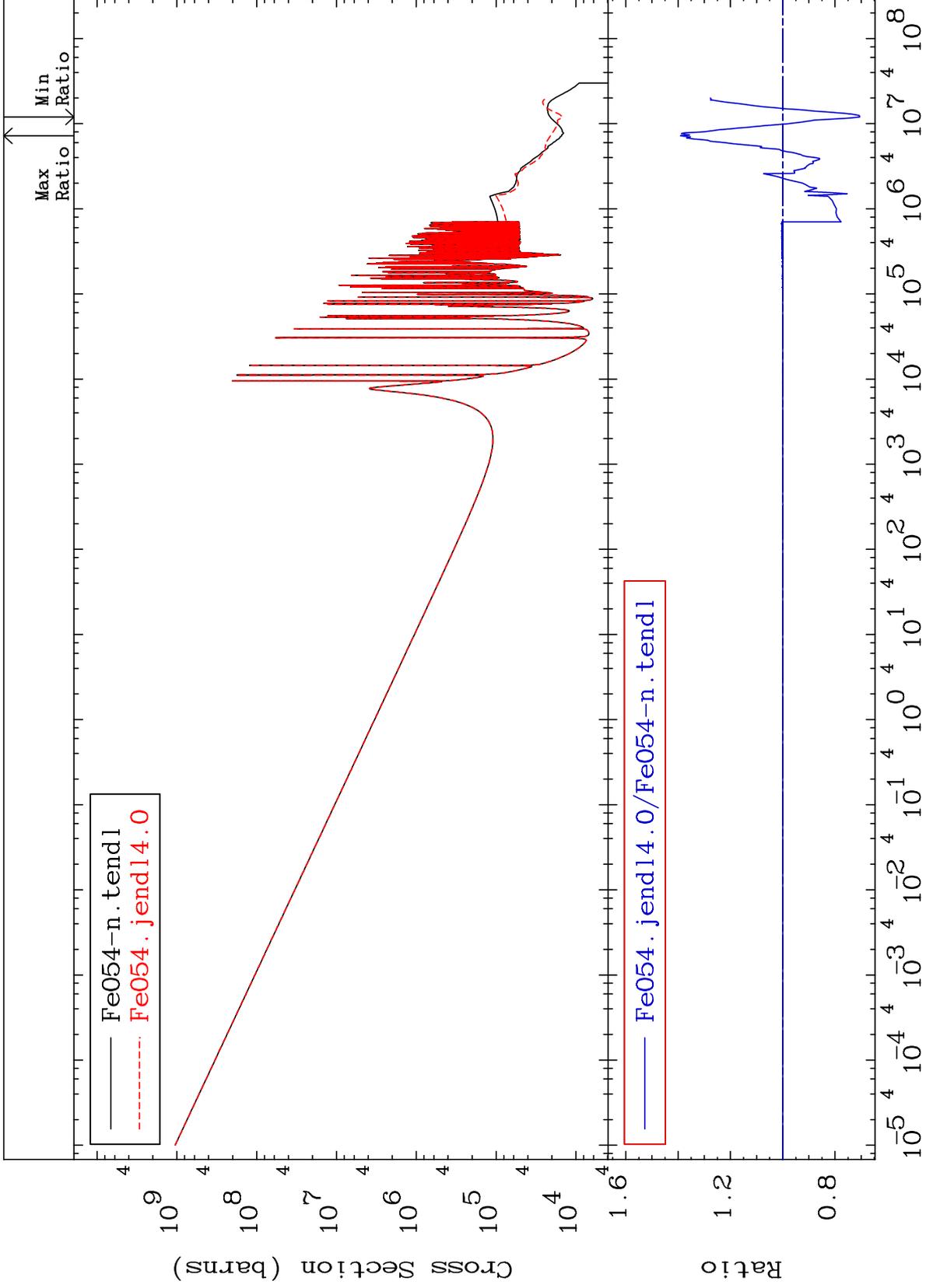




MAT 2625

Kerma capture (mt102)  
Cross Section

26-Fe-54  
-29.46 To 39.08 %



37

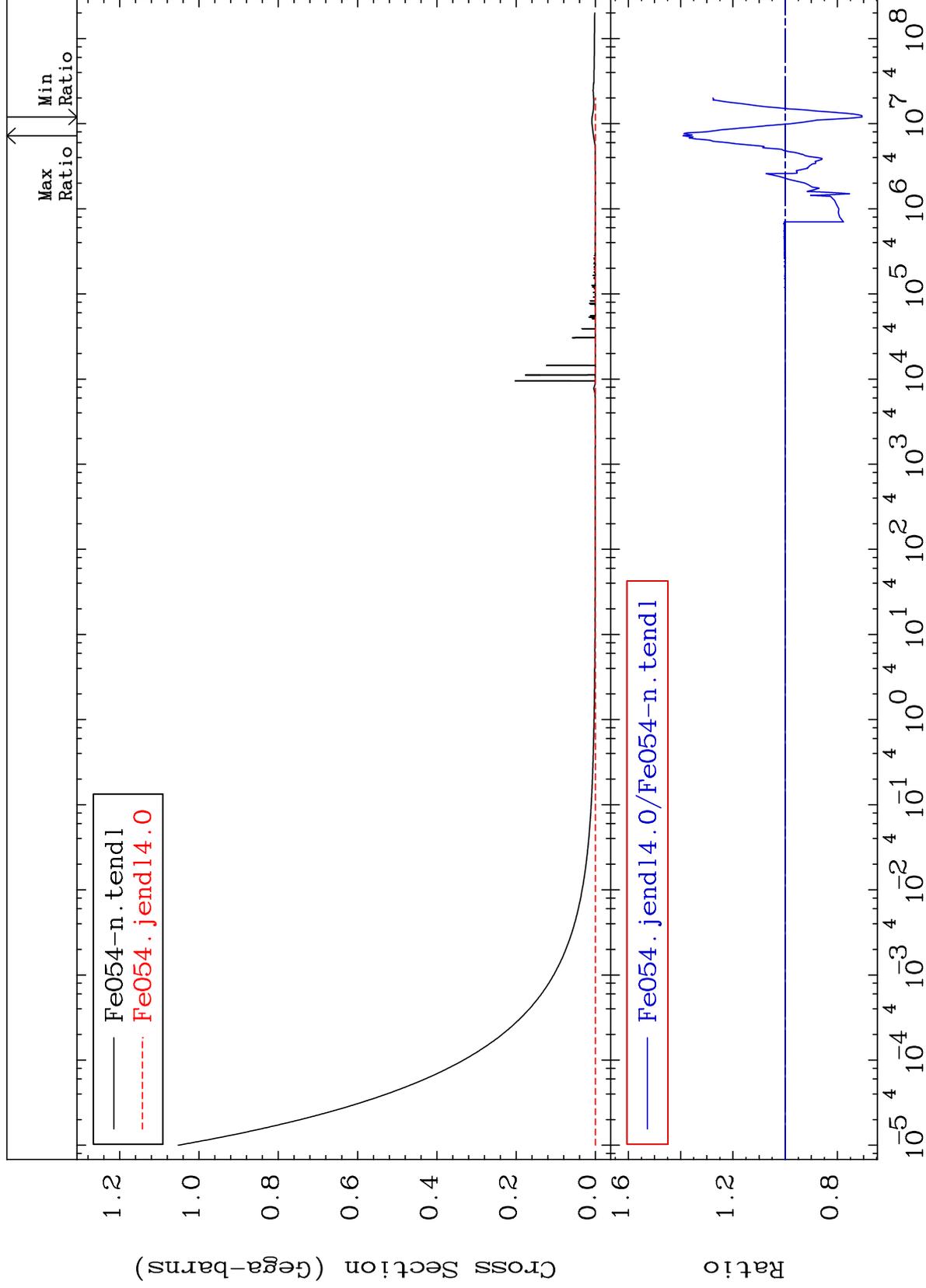
Incident Energy (eV)

26-Fe-54

MAT 2625

Total photon (eV-barns)  
Cross Section

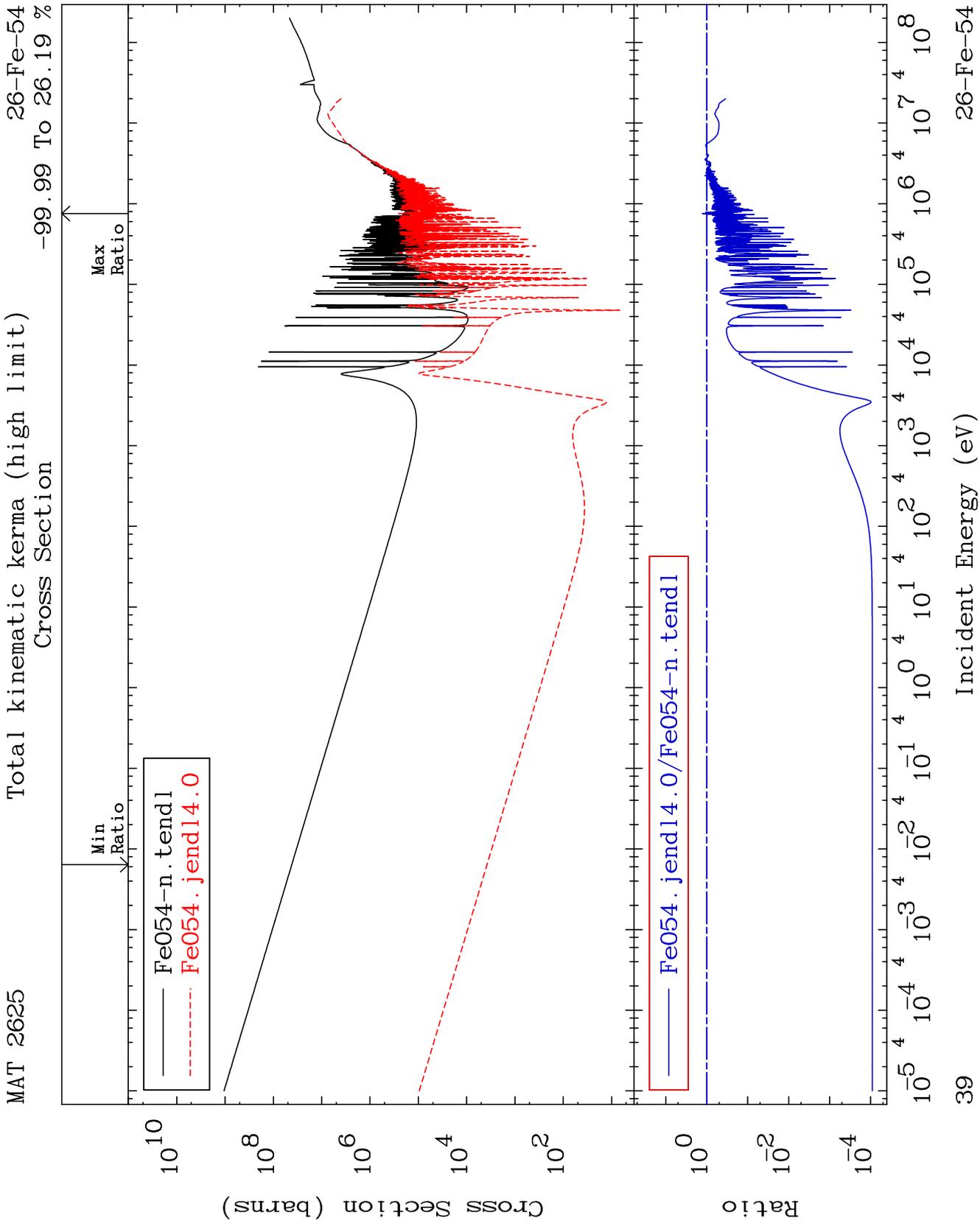
26-Fe-54  
-29.46 To 39.08 %



38

Incident Energy (eV)

26-Fe-54

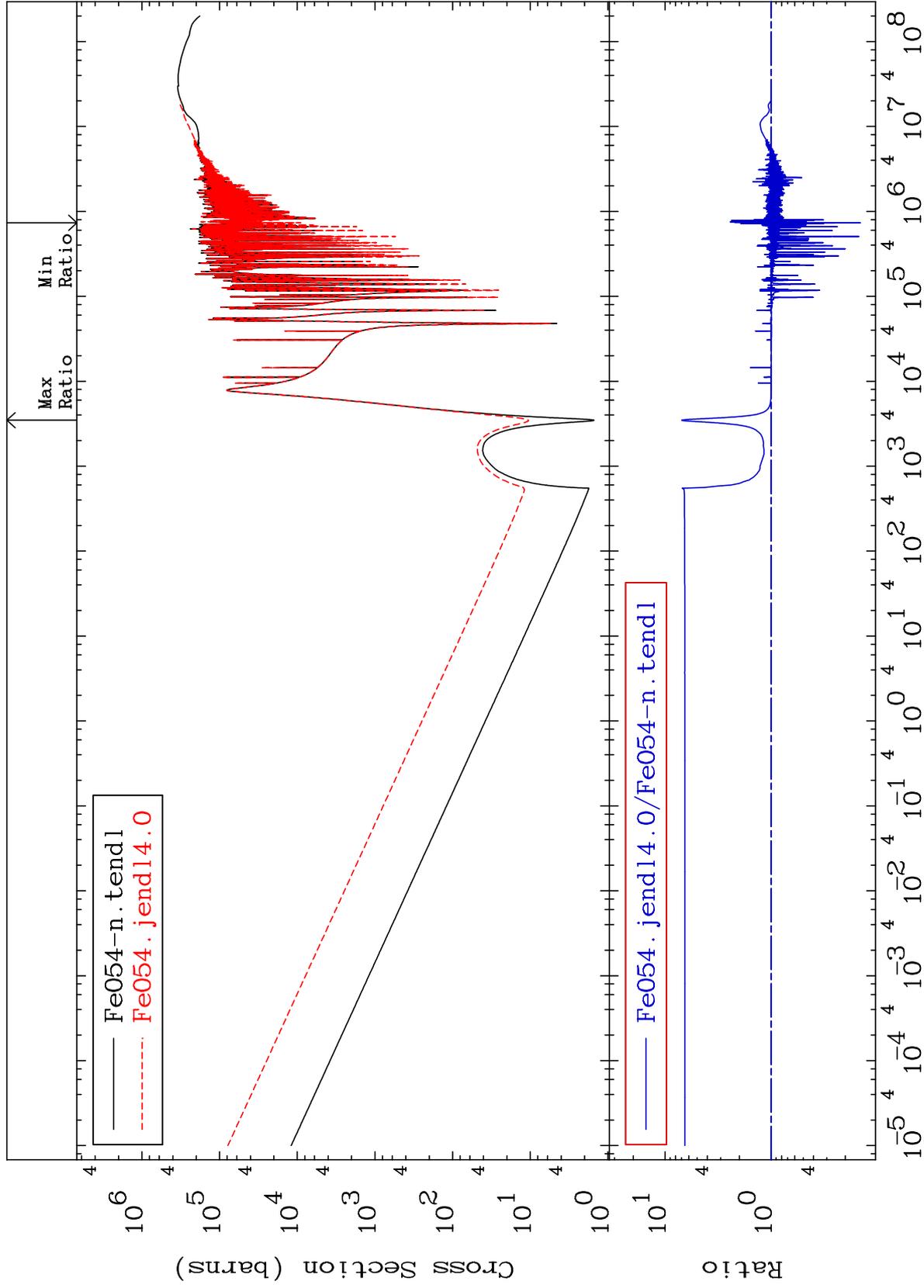


MAT 2625

Dpa total (eV-barns)  
Cross Section

26-Fe-54

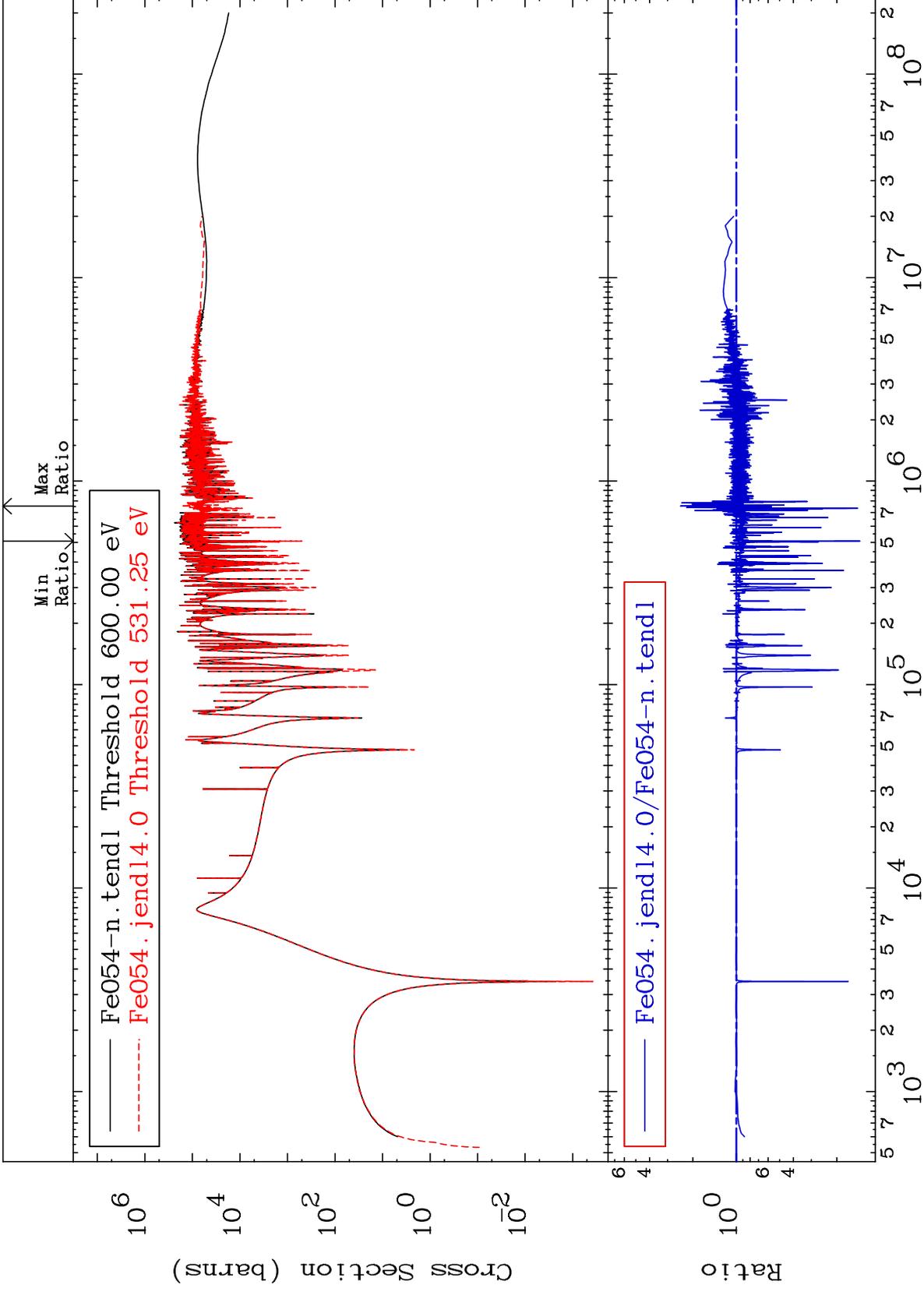
-85.53 To 600.6 %

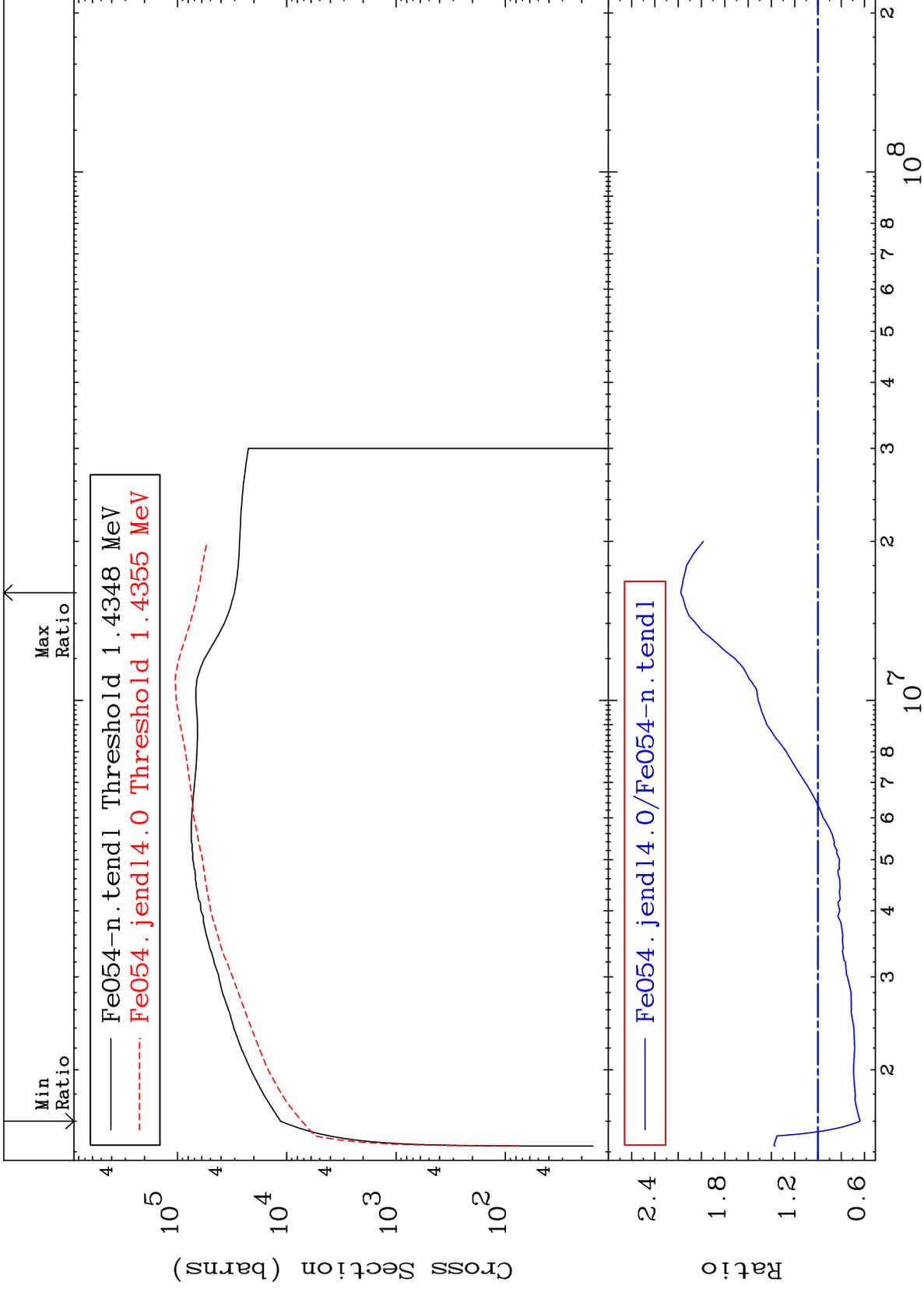


40

Incident Energy (eV)

26-Fe-54

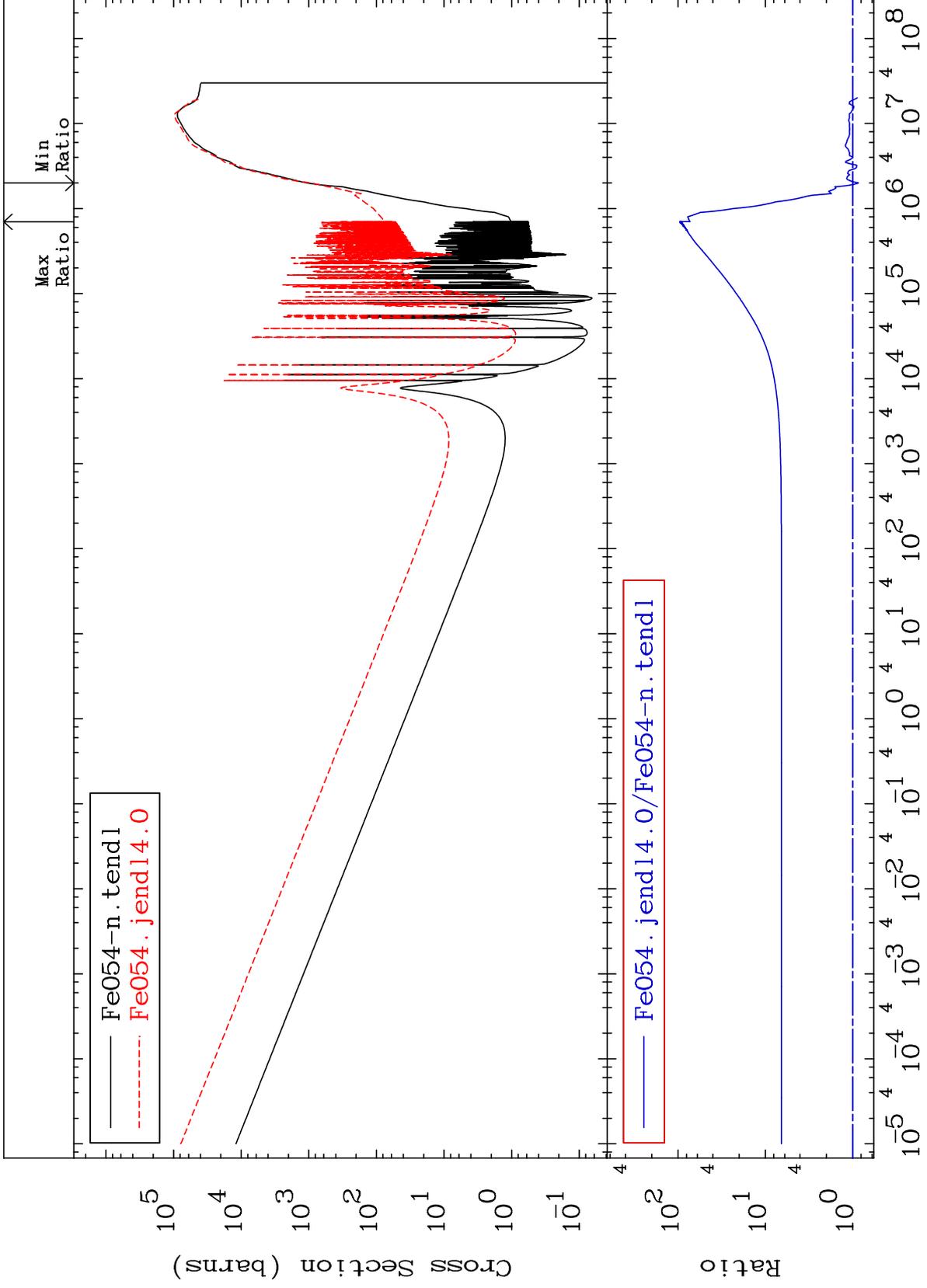




MAT 2625

Dpa disappearance (mt102 -120)  
Cross Section

26-Fe-54  
-14.44 To 9508. %



43

Incident Energy (eV)

26-Fe-54