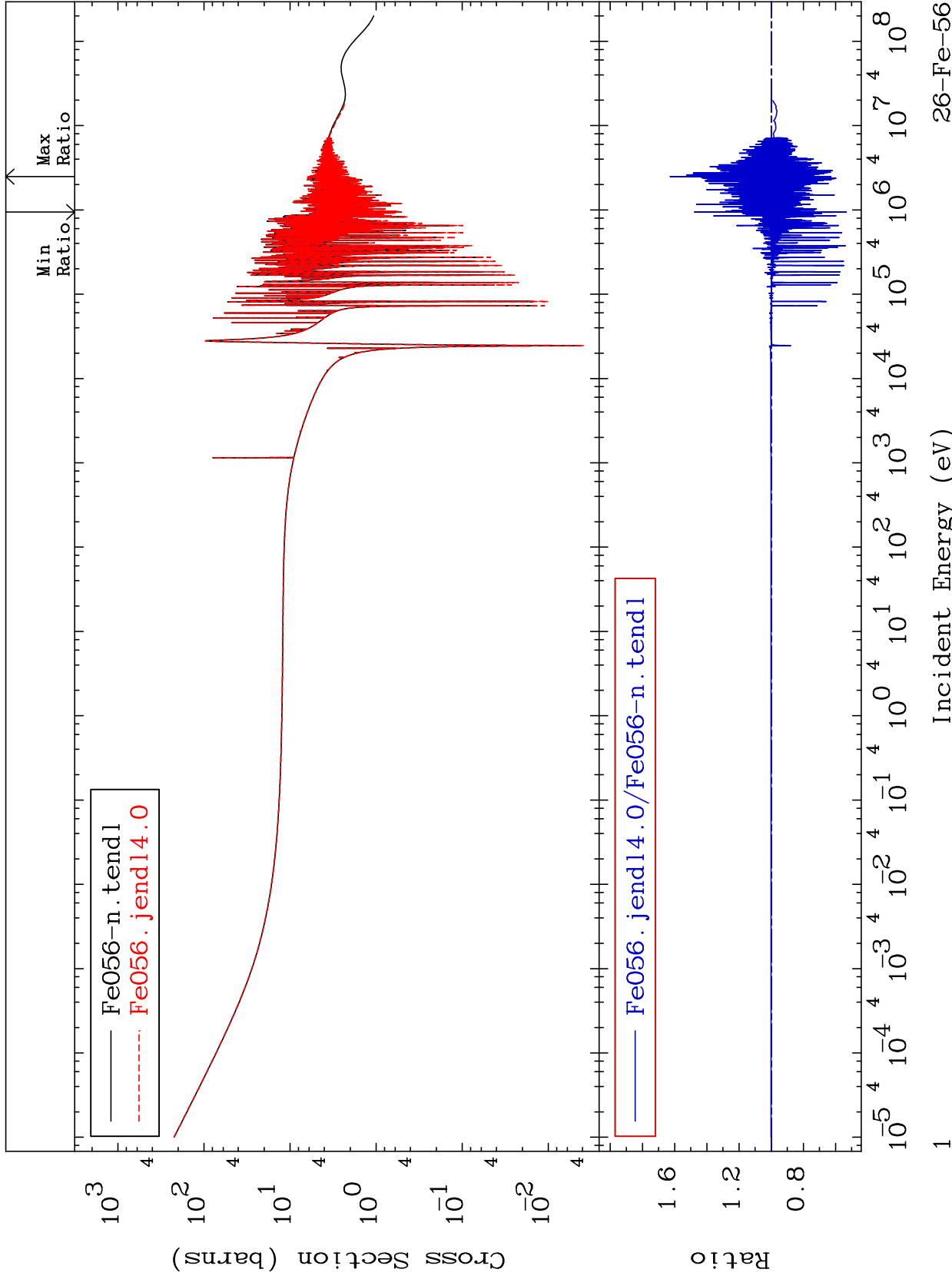


MAT 2631

Total  
Cross Section

26-Fe-56  
-46.63 To 62.73 %



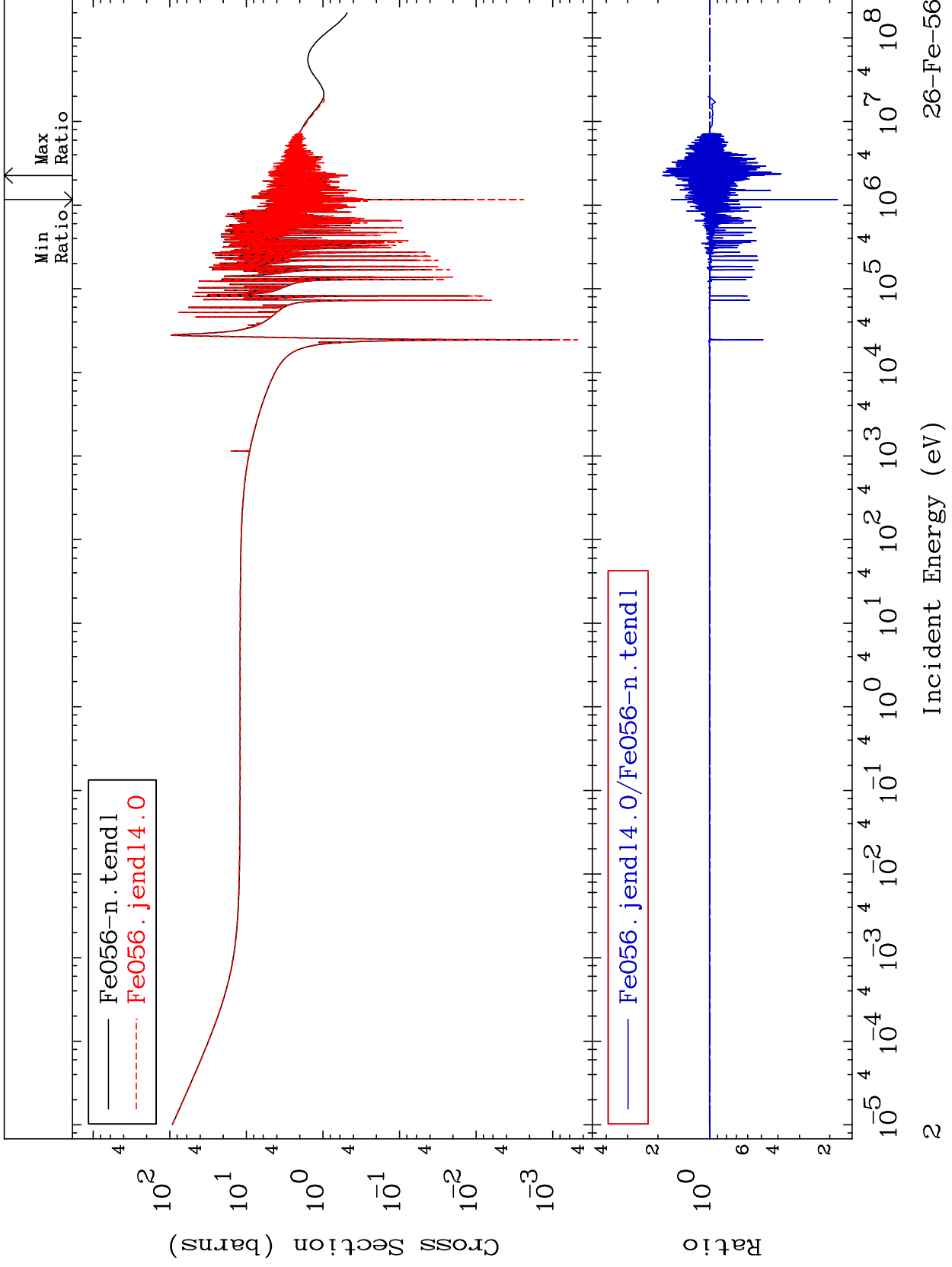
Incident Energy (eV)

26-Fe-56

MAT 2631

Elastic  
Cross Section

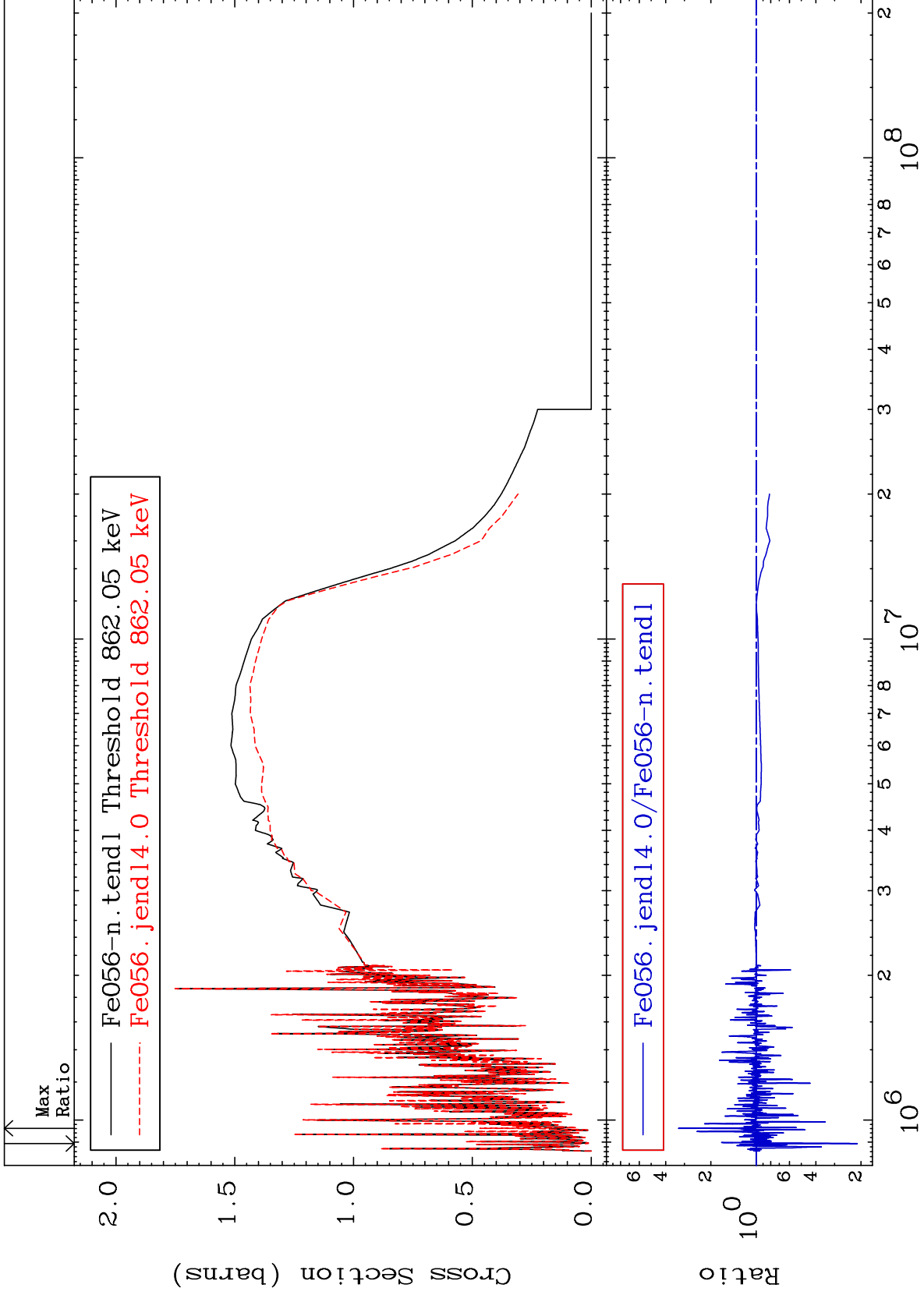
<sup>26</sup>Fe-56  
-81.92 To 87.33 %



MAT 2631

Inelastic  
Cross Section

<sup>26</sup>Fe-56  
-78.81 To 228.2 %



3

Incident Energy (eV)

<sup>26</sup>Fe-56

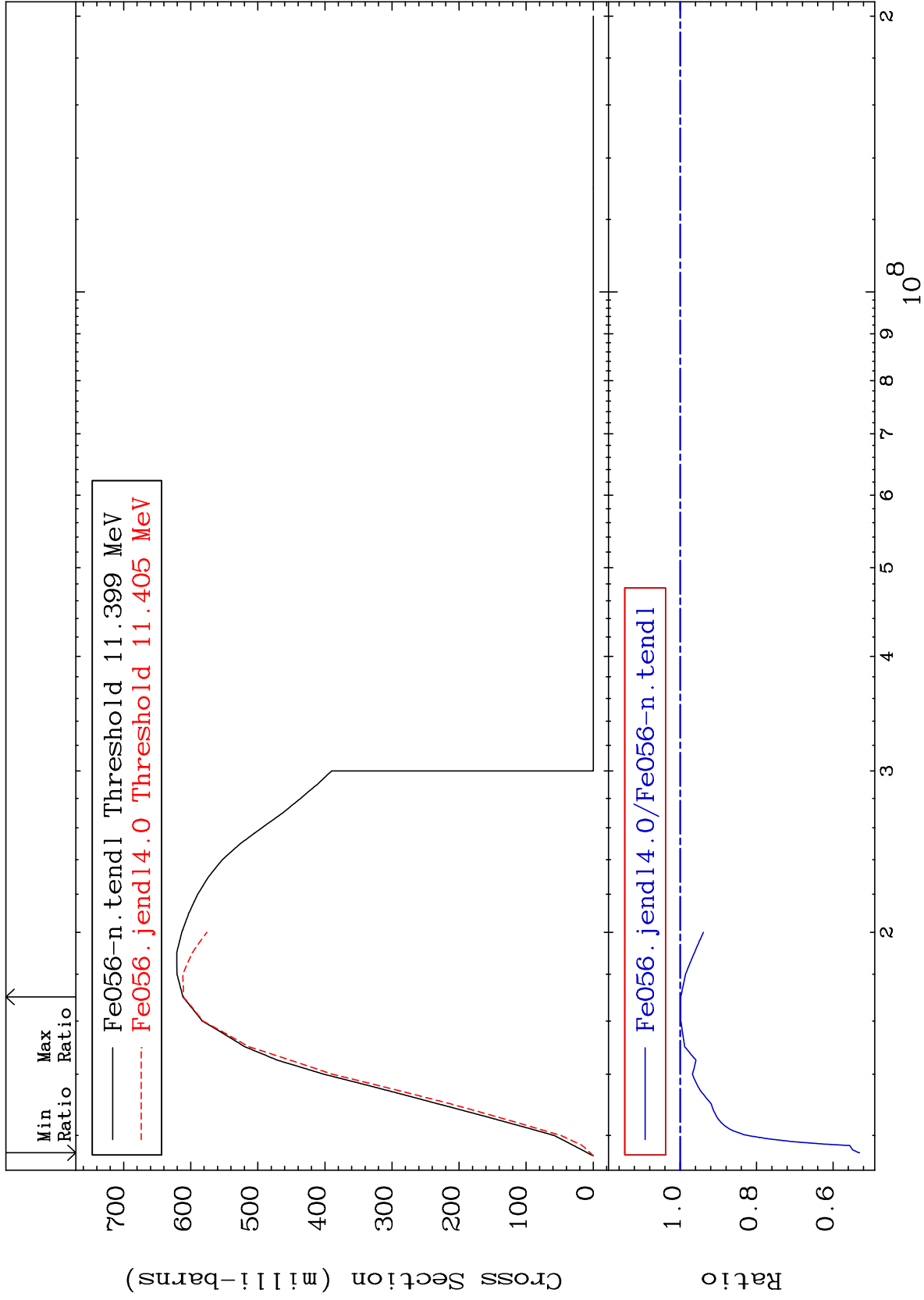
MAT 2631

(n,2n)

<sup>26</sup>Fe-56

Cross Section

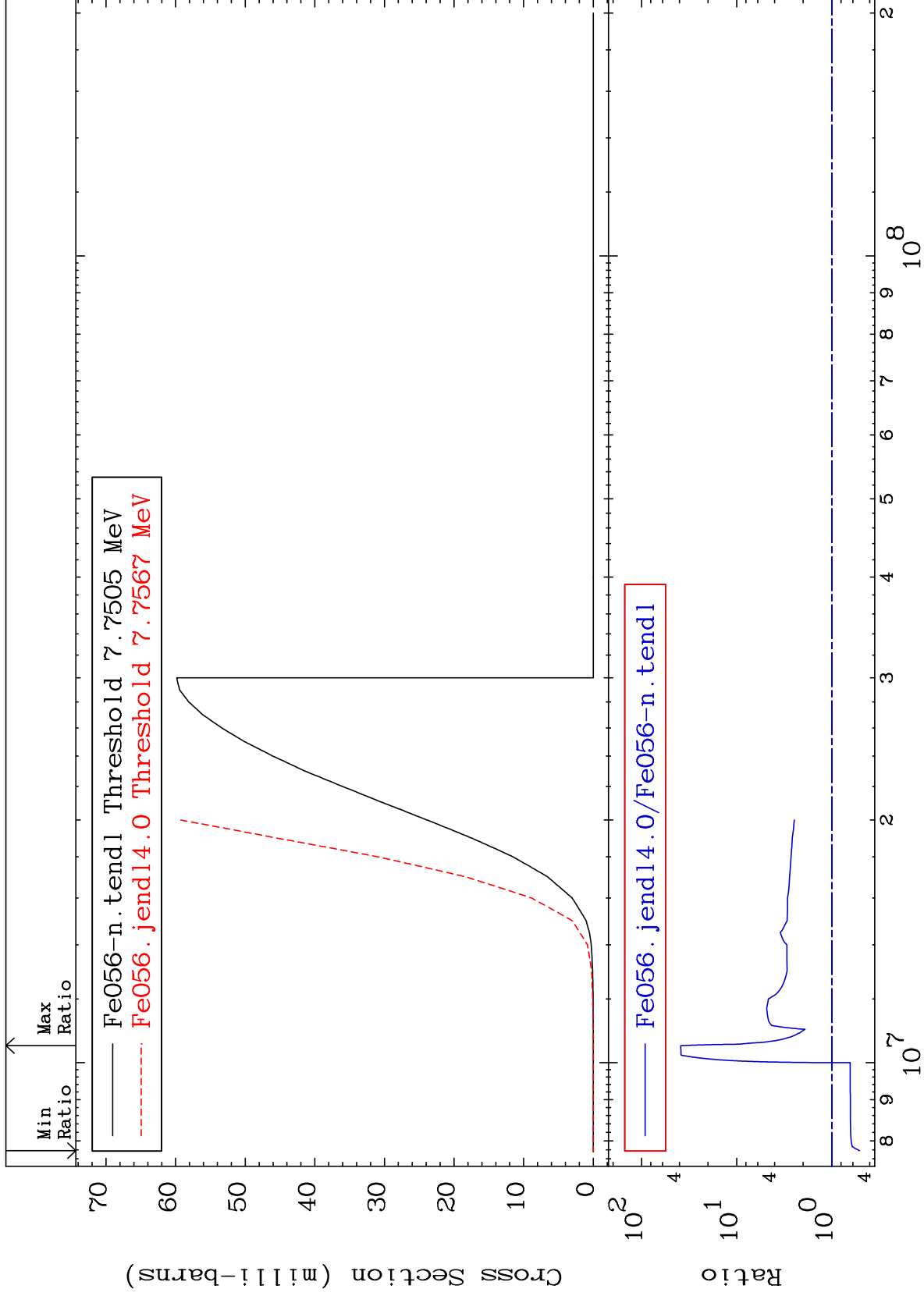
-46.94 To -0.156%



MAT 2631

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

<sup>26</sup>Fe-56  
-48.84 To 3775. %



5

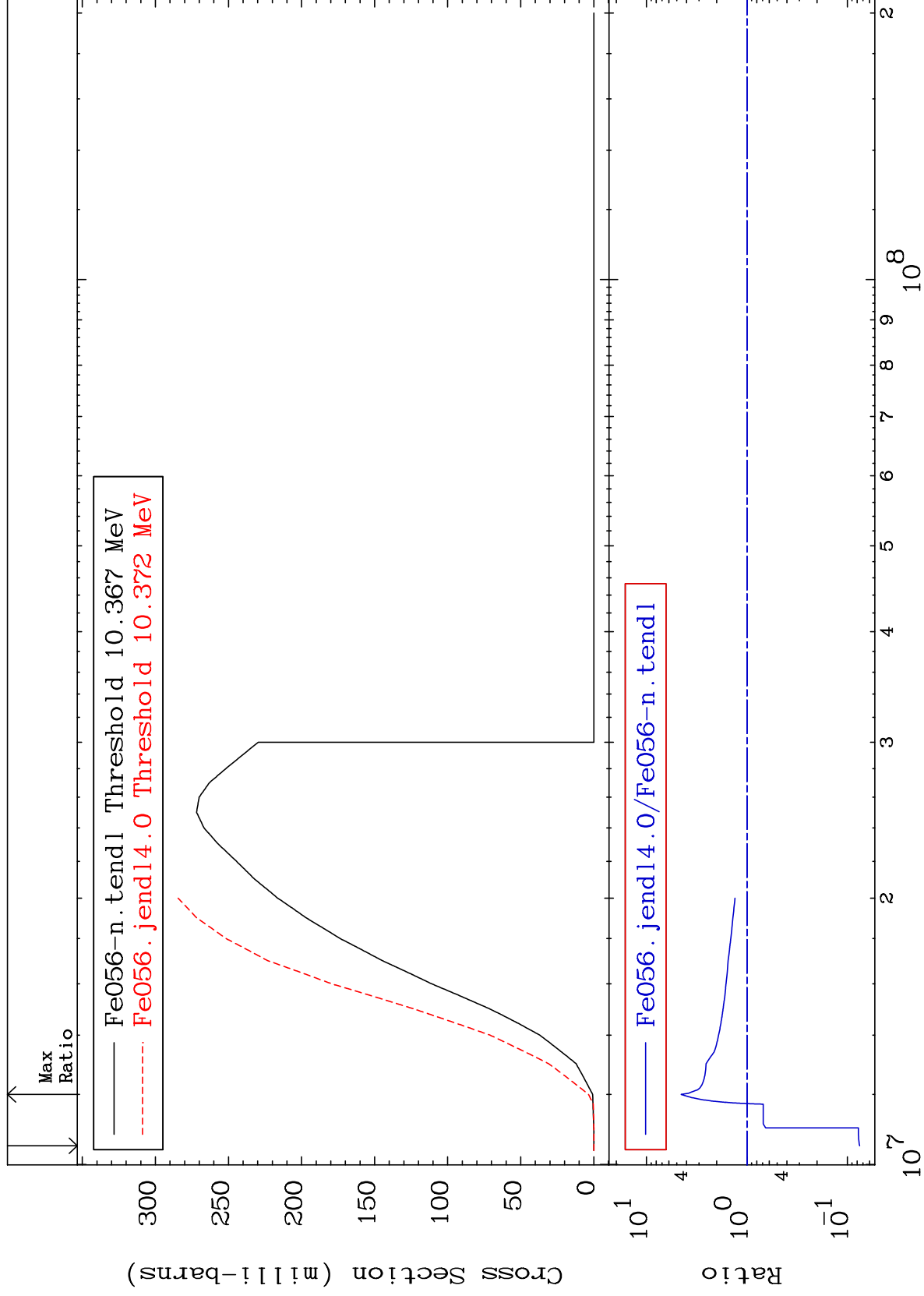
Incident Energy (eV)

<sup>26</sup>Fe-56

MAT 2631

(n, n') p  
Cross Section

<sup>26</sup>Fe-56  
-92.45 To 351.8 %



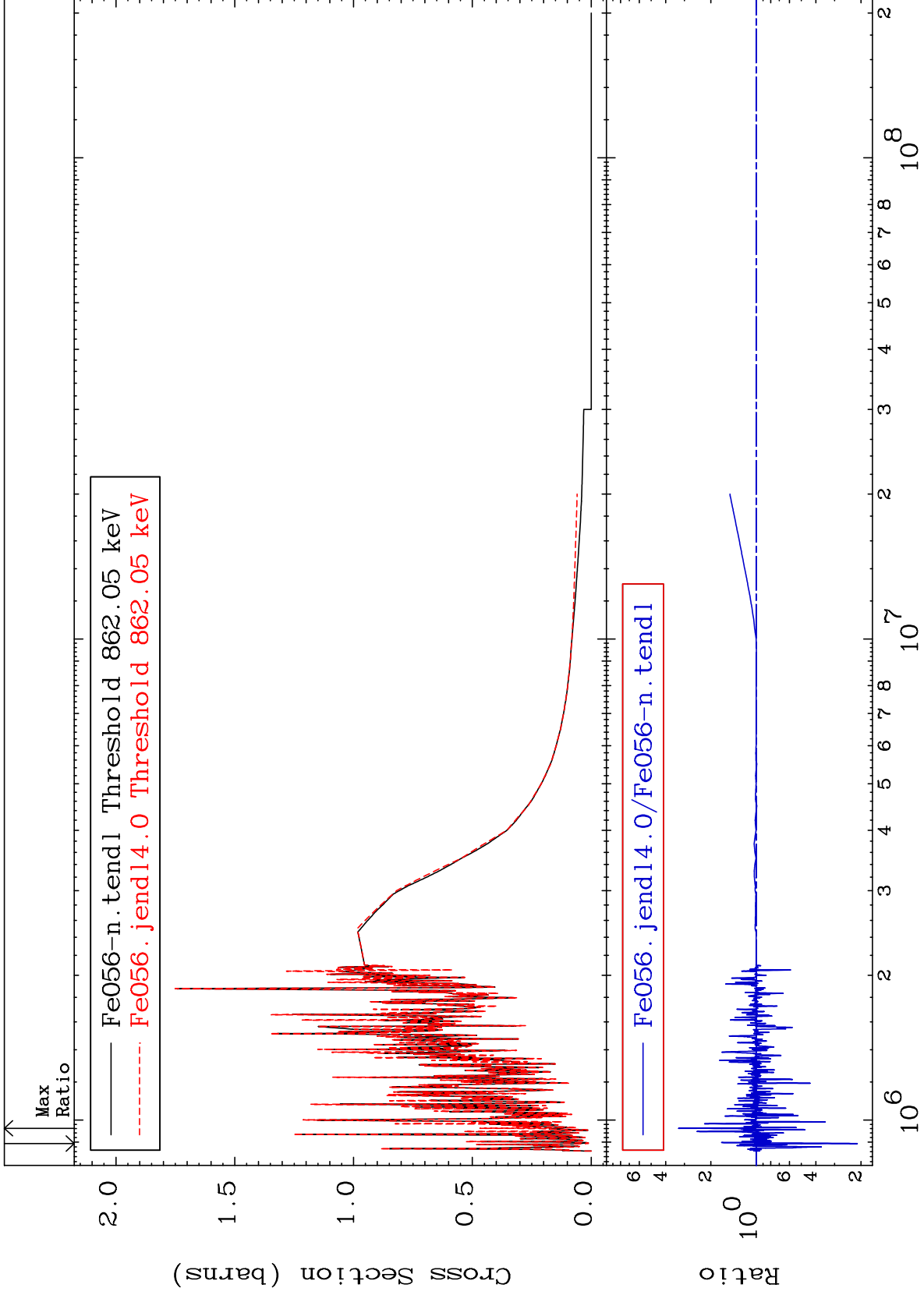
Incident Energy (eV)

<sup>26</sup>Fe-56

MAT 2631

846.8 keV (n,n') Level  
Cross Section

26-Fe-56  
-78.81 To 228.2 %



7

Incident Energy (eV)

26-Fe-56

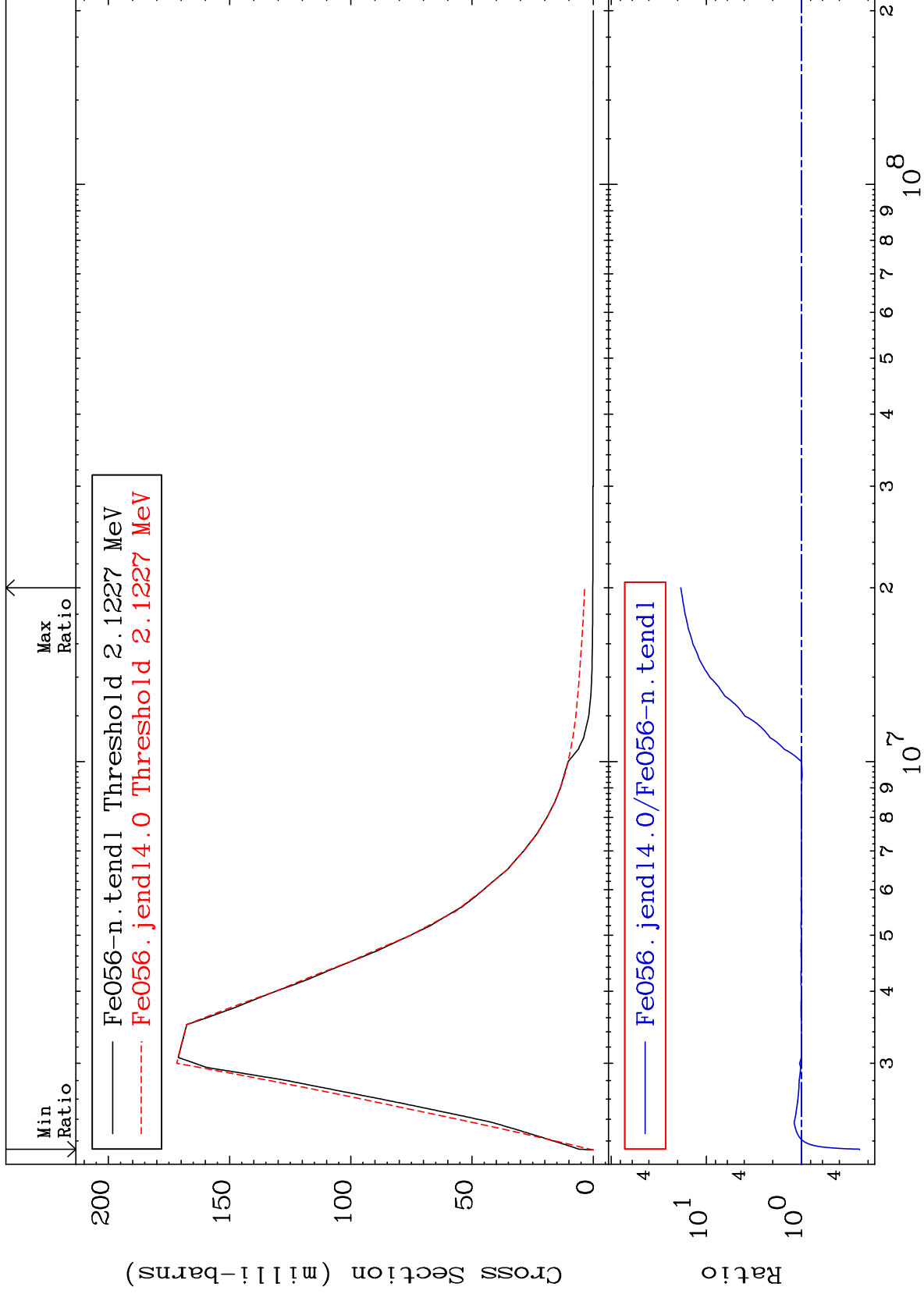
MAT 2631

2.085 MeV (n,n') Level

<sup>26</sup>Fe-56

-75.46 To 1753. %

Cross Section

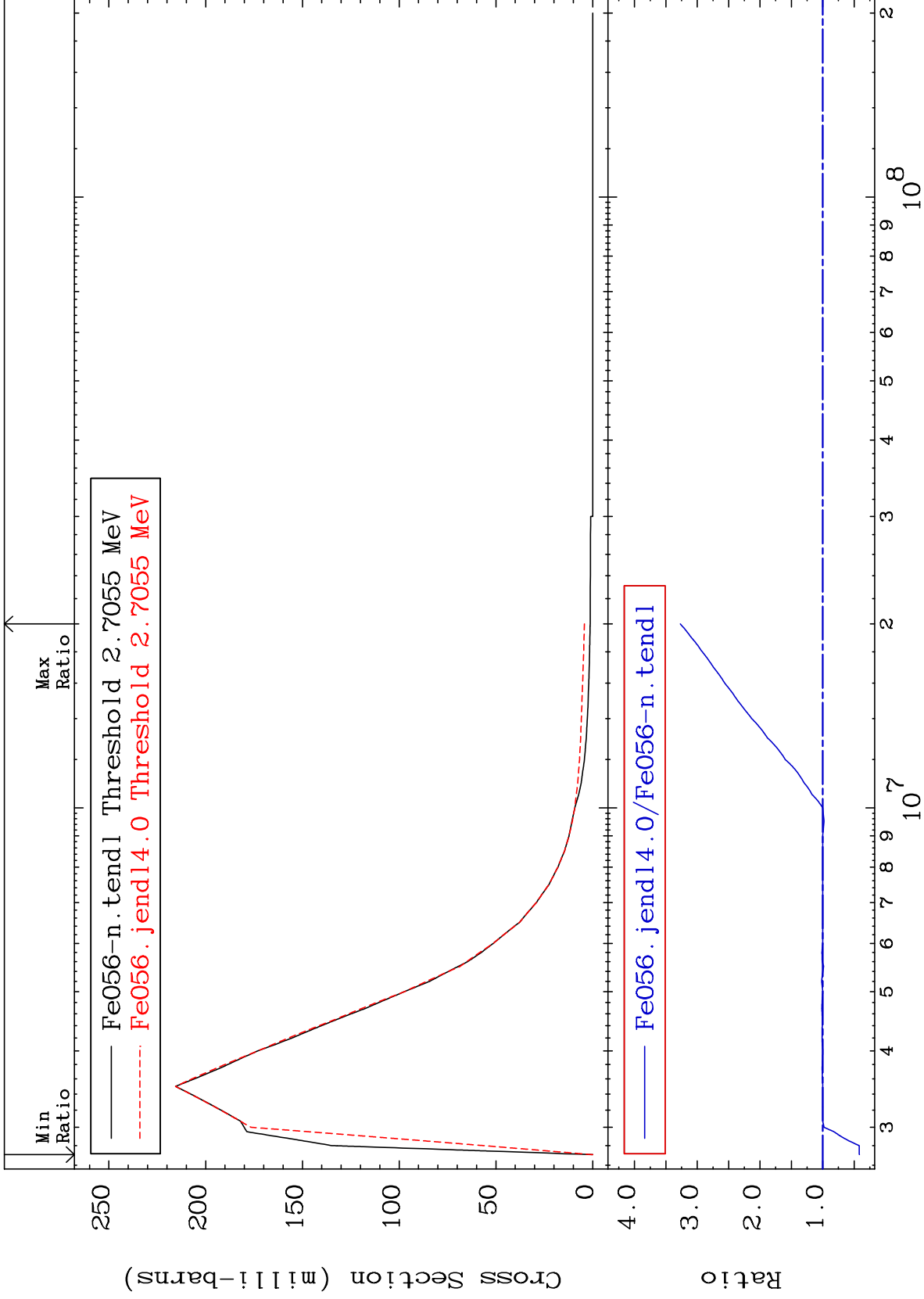




MAT 2631

2.658 MeV (n,n') Level  
Cross Section

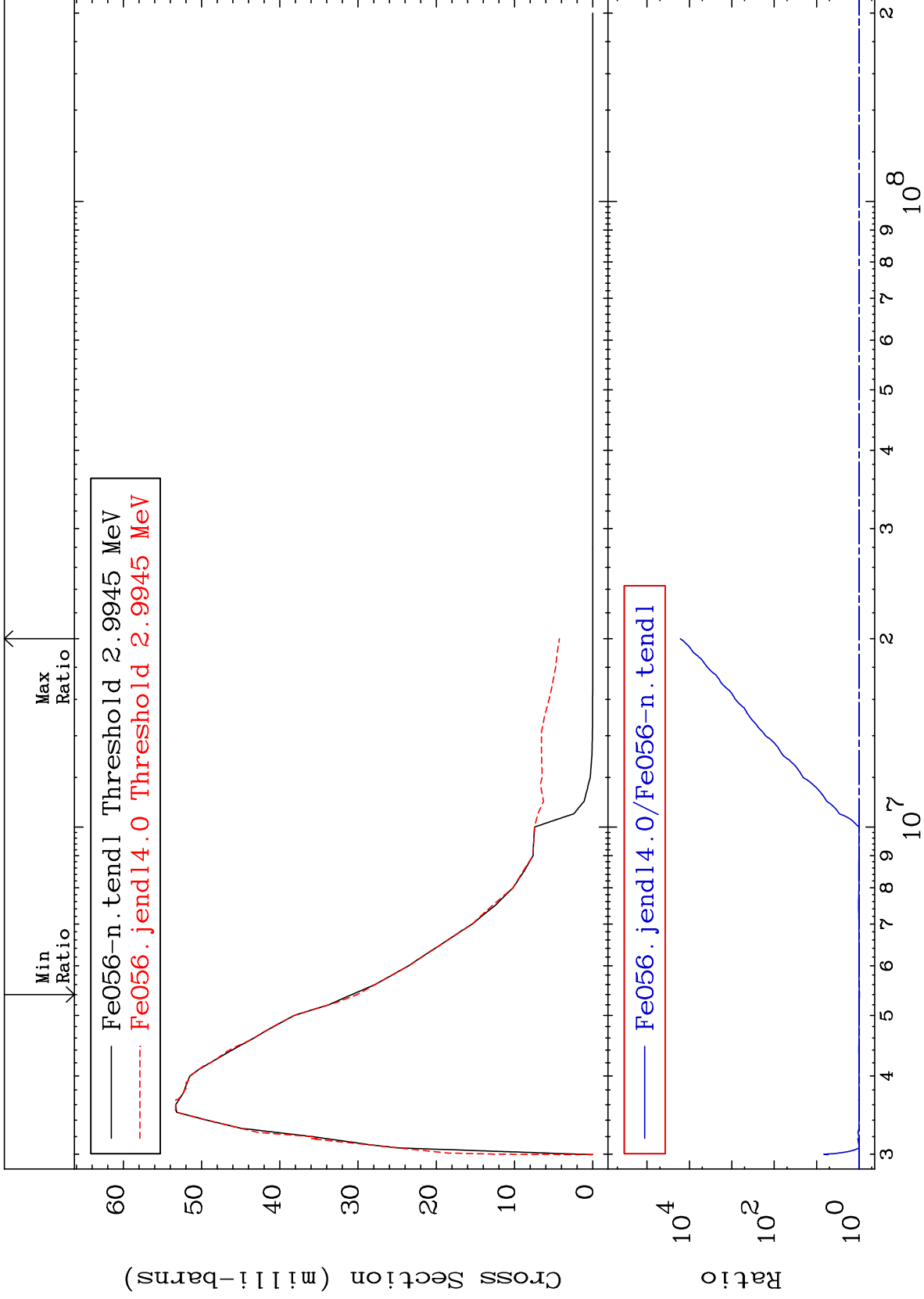
26-Fe-56  
-58.42 To 226.9 %



MAT 2631

2.942 MeV (n,n') Level  
Cross Section

26-Fe-56  
-2.233 To 9999. %



10

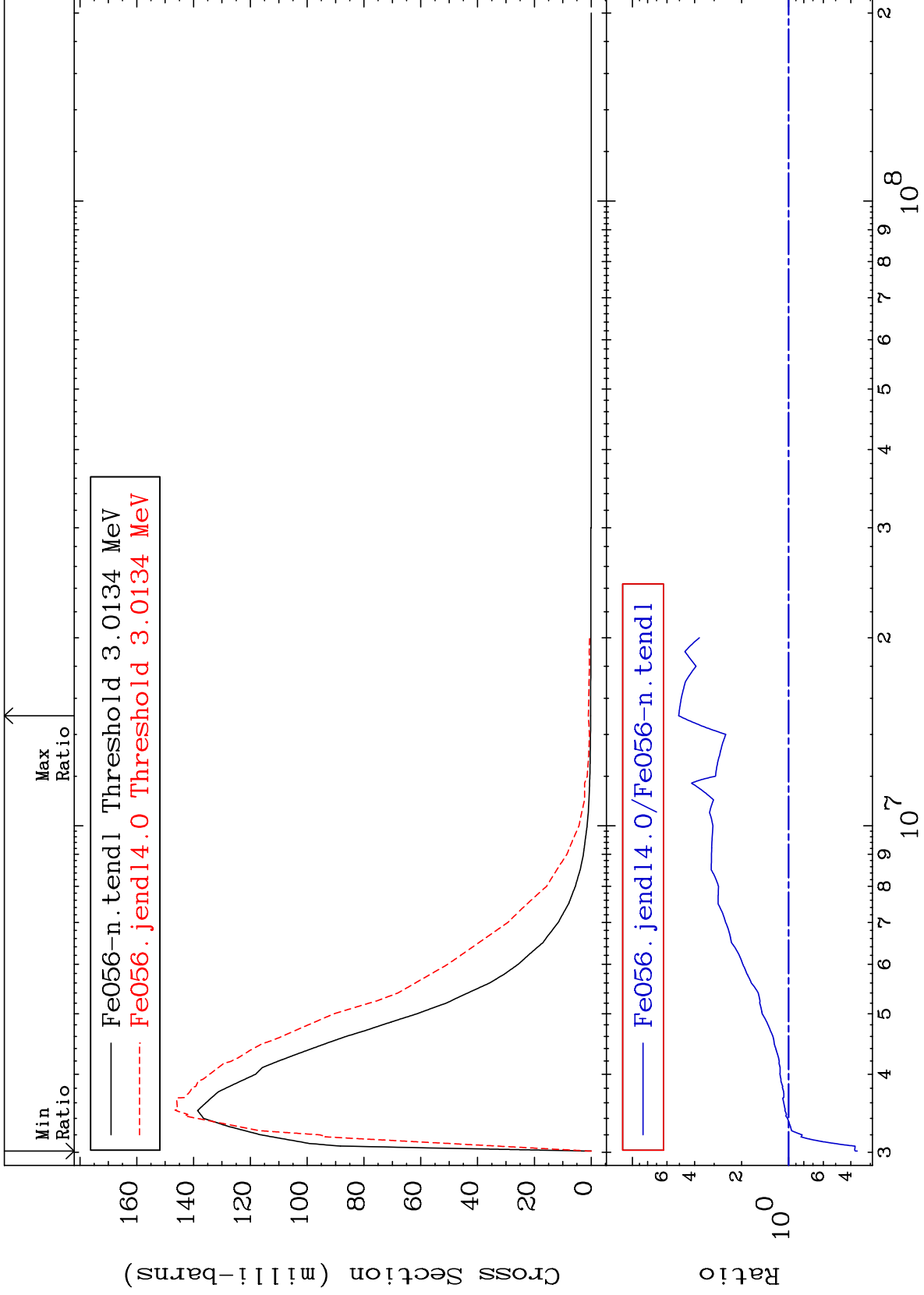
Incident Energy (eV)

26-Fe-56

MAT 2631

2.960 MeV (n,n') Level  
Cross Section

<sup>26</sup>Fe-56  
-63.59 To 405.8 %



11

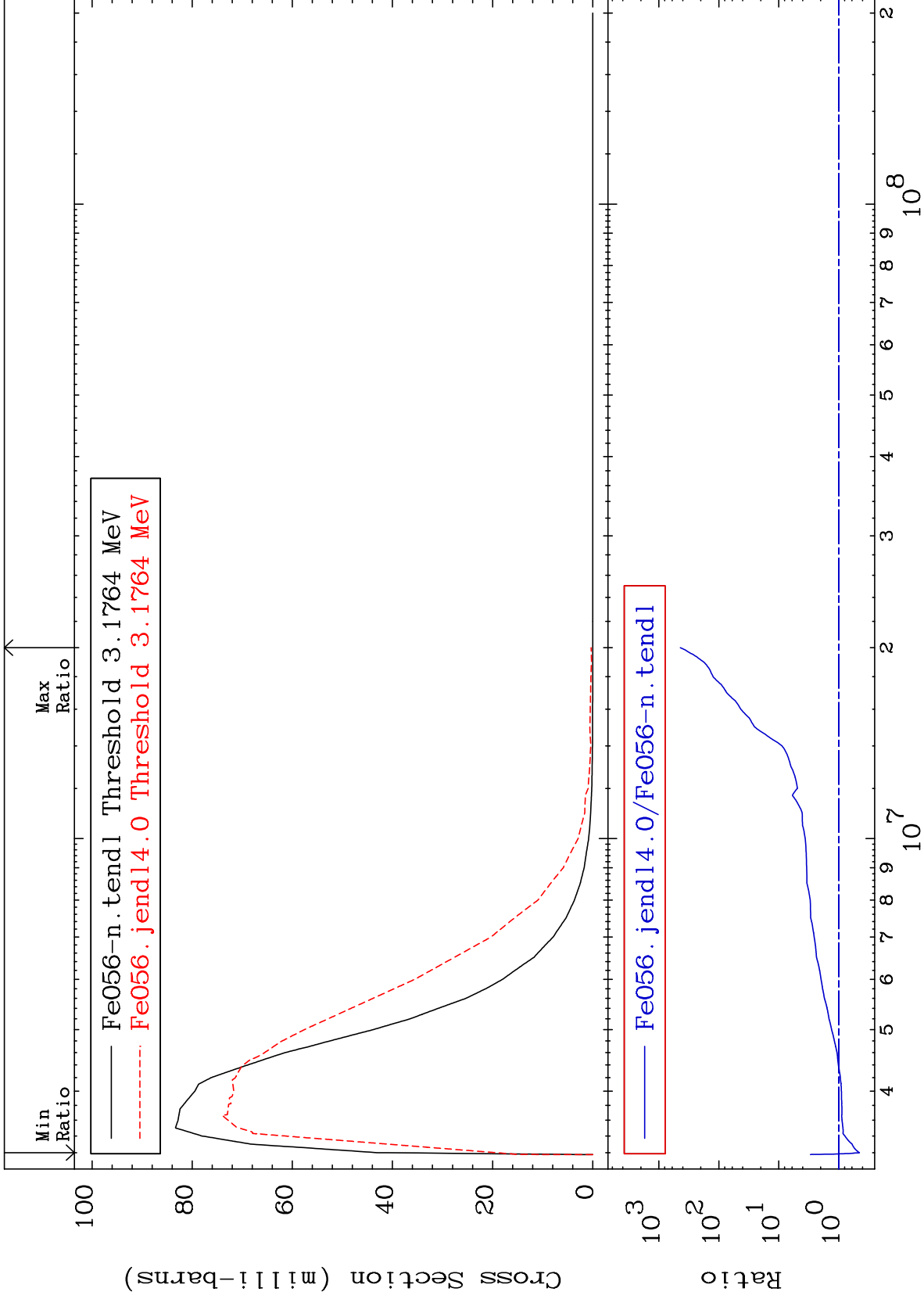
Incident Energy (eV)

<sup>26</sup>Fe-56

MAT 2631

3.120 MeV (n,n') Level  
Cross Section

26-Fe-56  
-54.89 To 9999. %



12

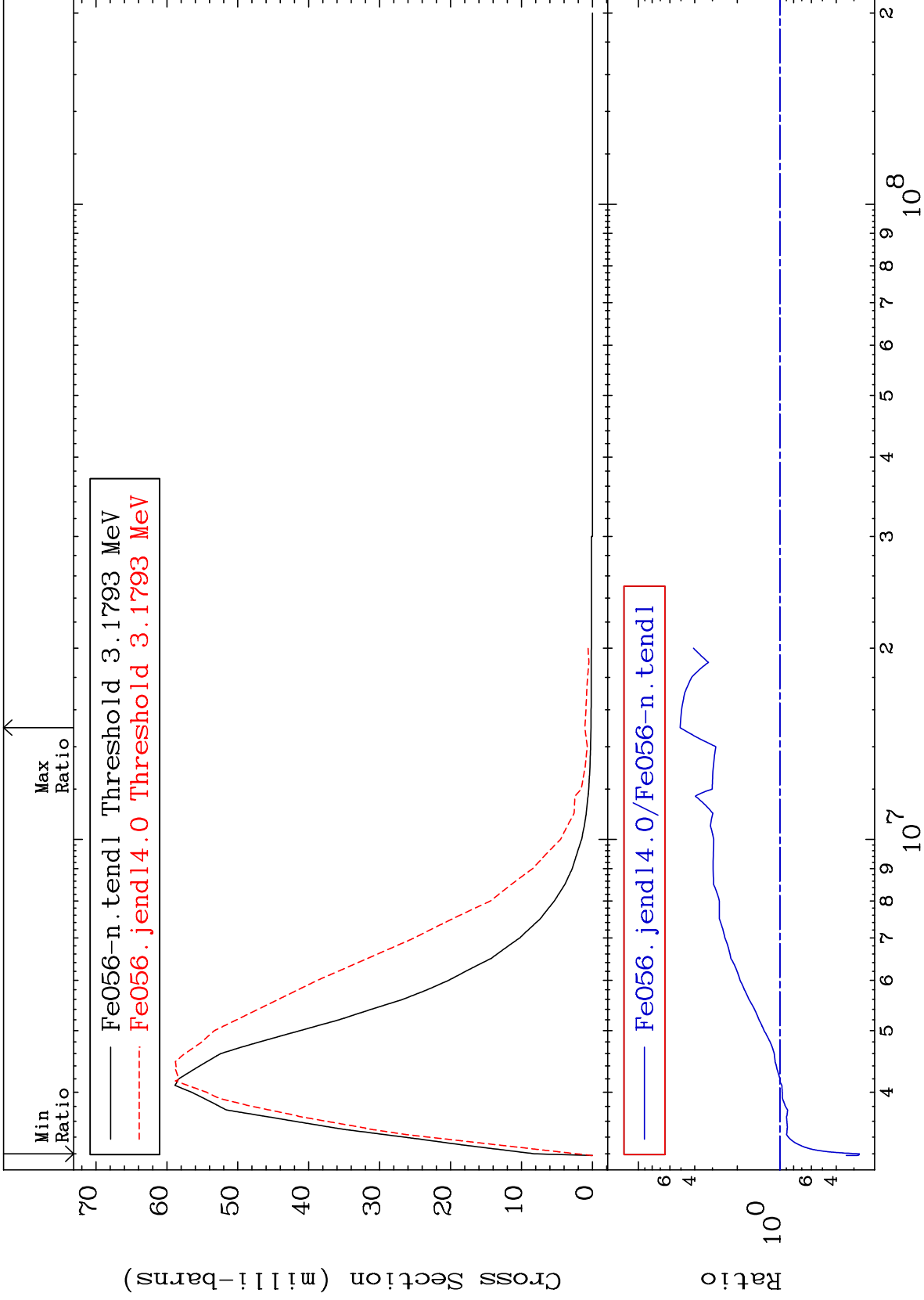
Incident Energy (eV)

26-Fe-56

MAT 2631

3.123 MeV (n,n') Level  
Cross Section

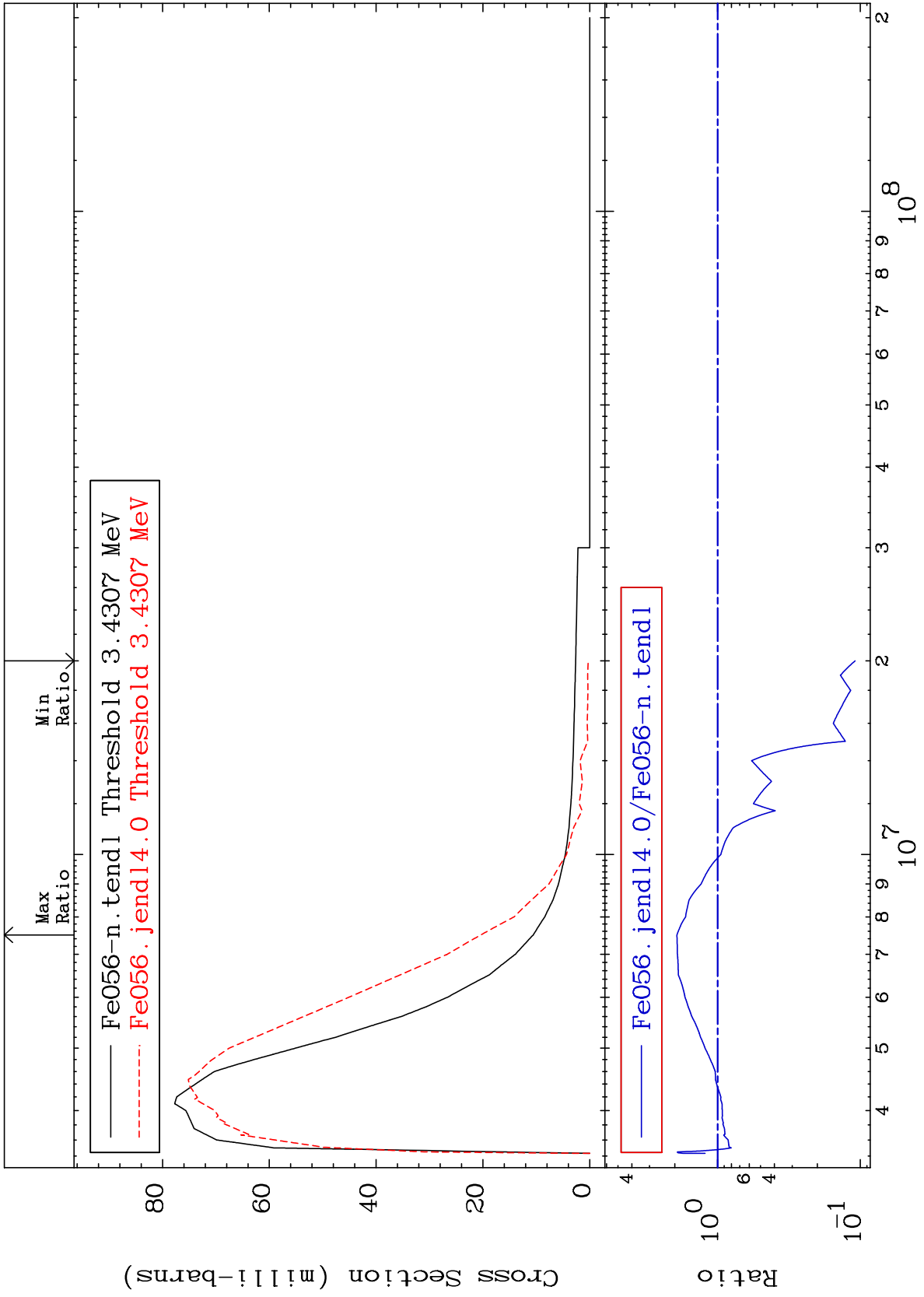
26-Fe-56  
-72.54 To 407.0 %



MAT 2631

3.370 MeV (n,n') Level  
Cross Section

<sup>26</sup>Fe-56  
-89.13 To 92.96 %



14

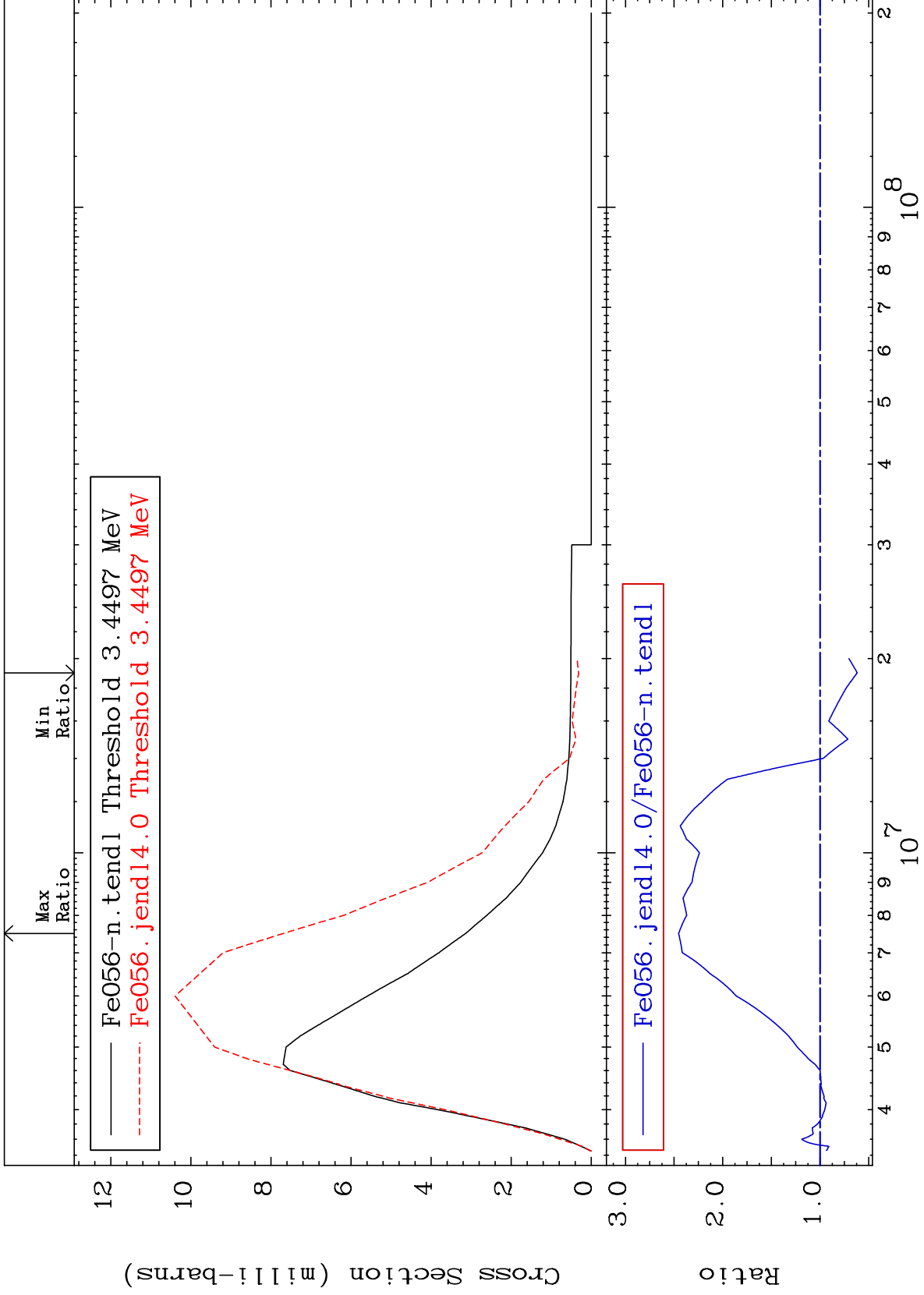
Incident Energy (eV)

<sup>26</sup>Fe-56

MAT 2631

3.389 MeV (n,n') Level  
Cross Section

<sup>26</sup>Fe-56  
-38.24 To 145.3 %



15

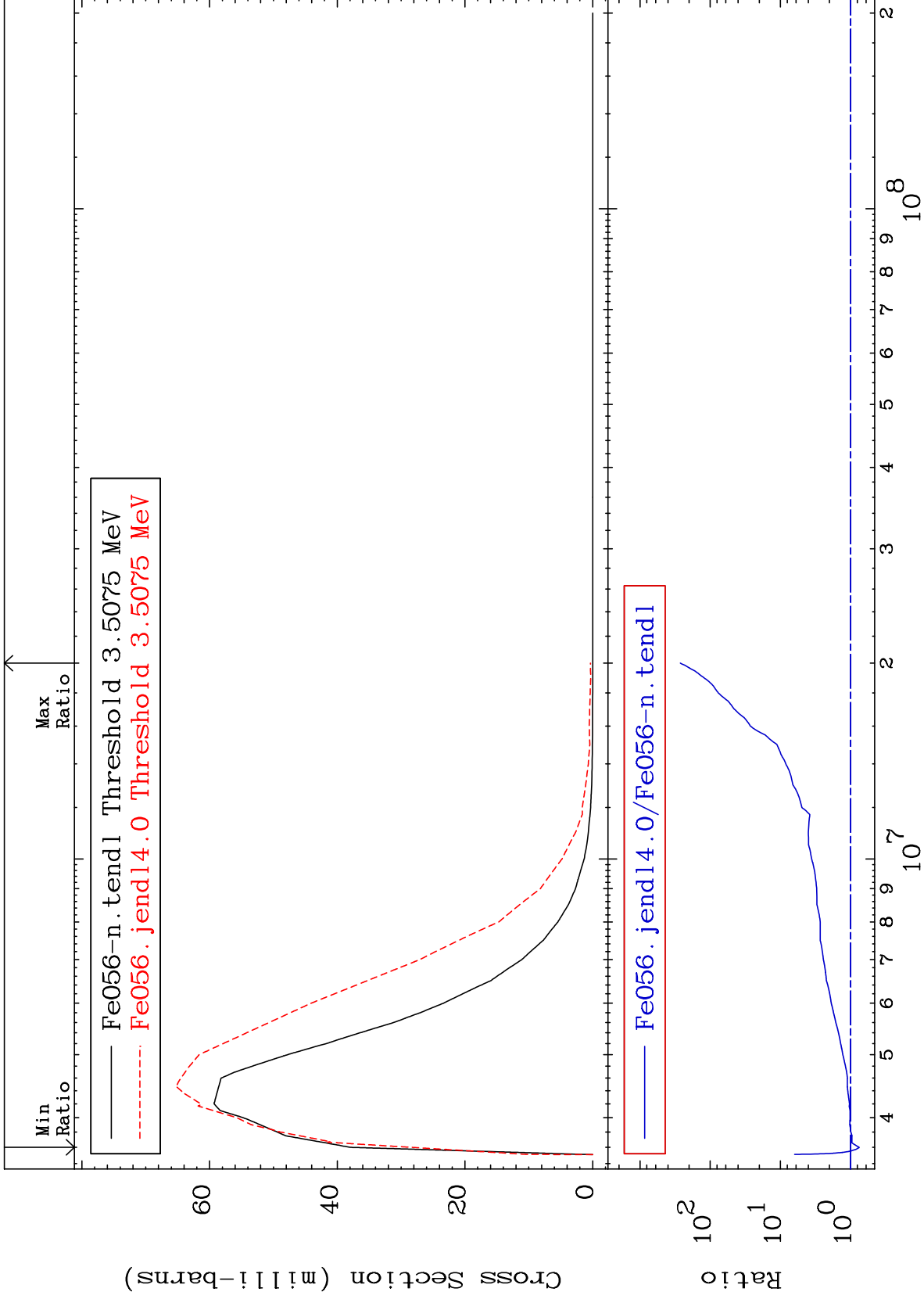
Incident Energy (eV)

<sup>26</sup>Fe-56

MAT 2631

3.445 MeV (n,n') Level  
Cross Section

26-Fe-56  
-25.19 To 9999. %



16

Incident Energy (eV)

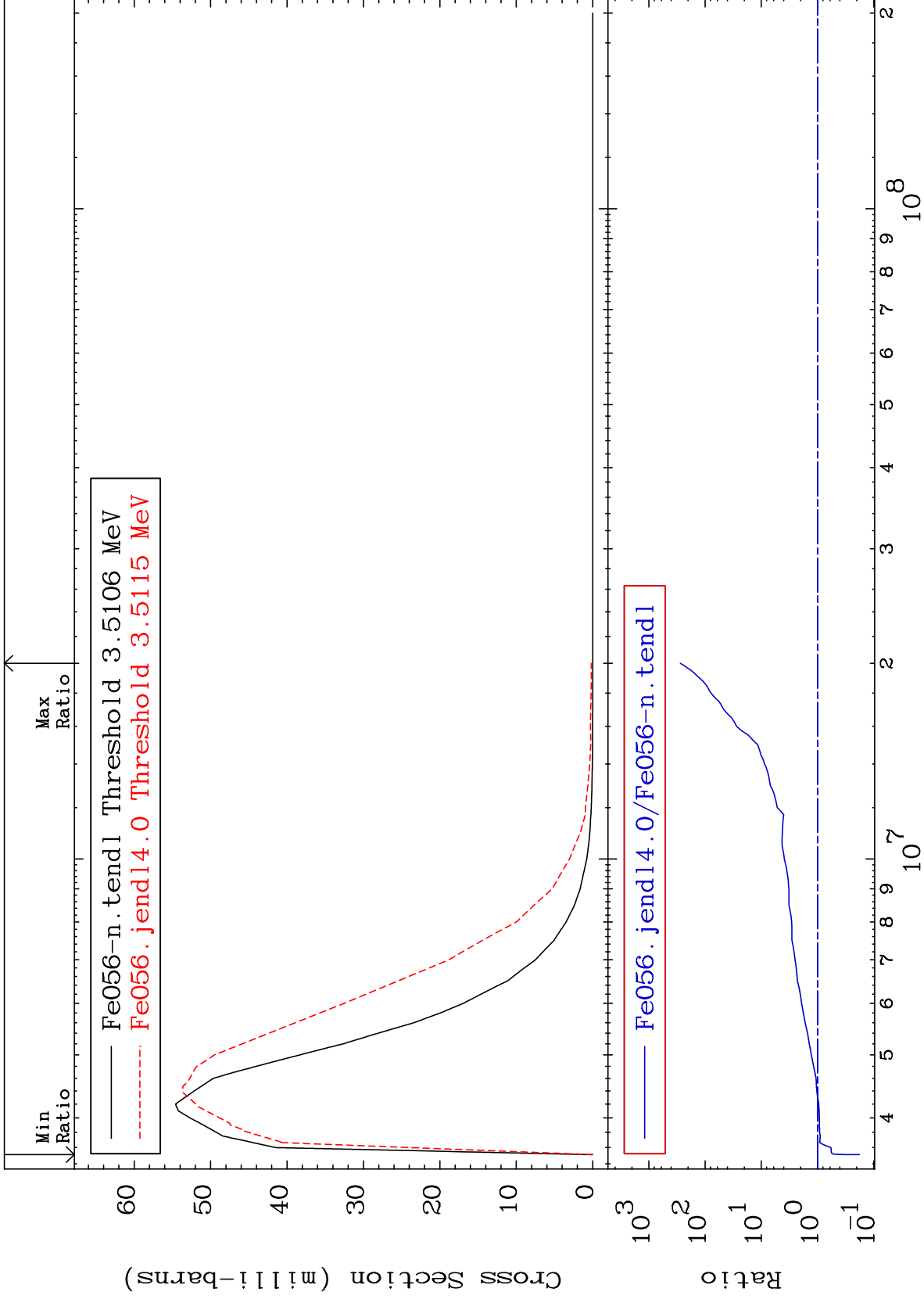
26-Fe-56



MAT 2631

3.448 MeV (n,n') Level  
Cross Section

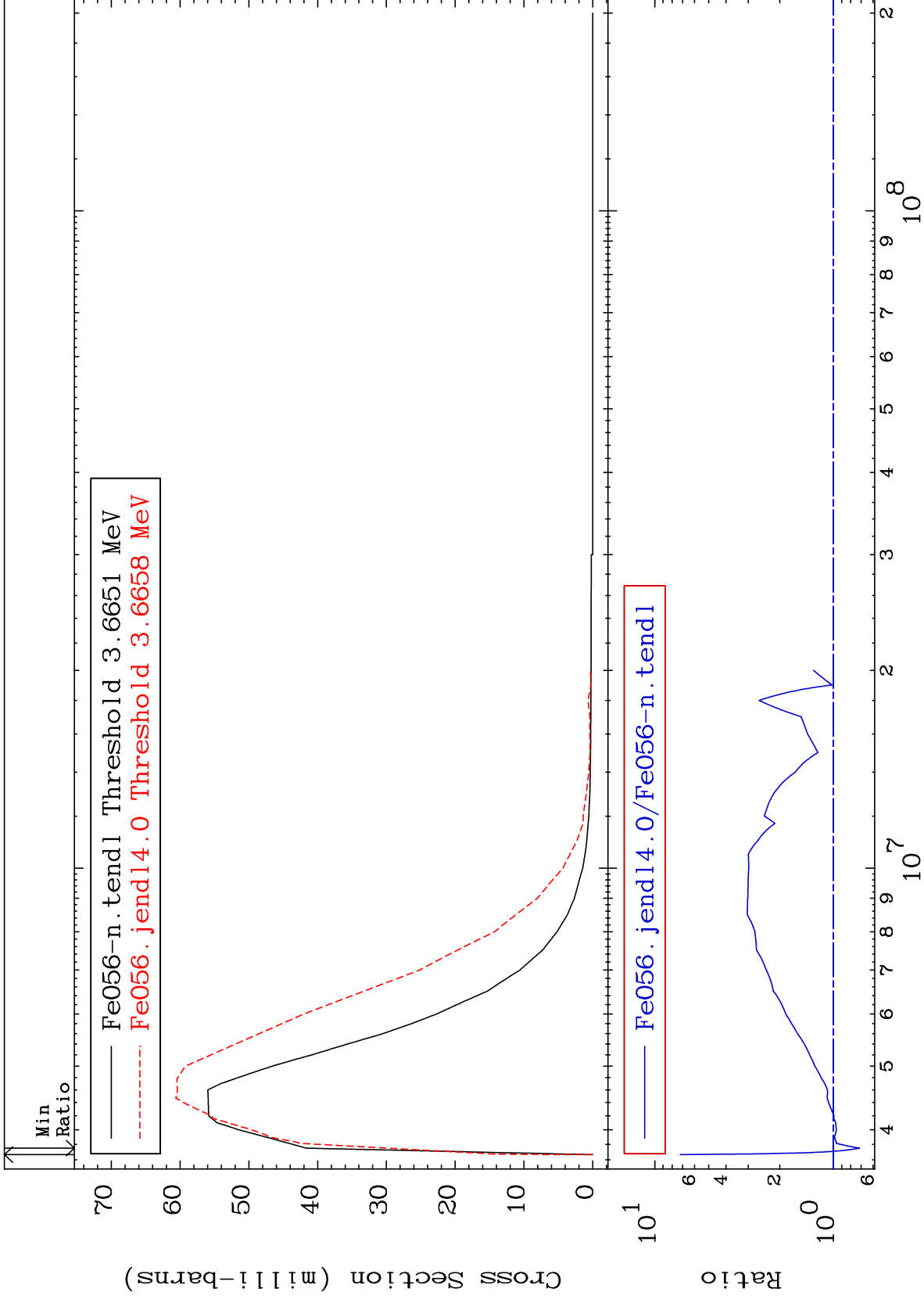
26-Fe-56  
-82.03 To 9999. %



MAT 2631

3.600 MeV (n,n') Level  
Cross Section

26-Fe-56  
-28.49 To 620.3 %



18

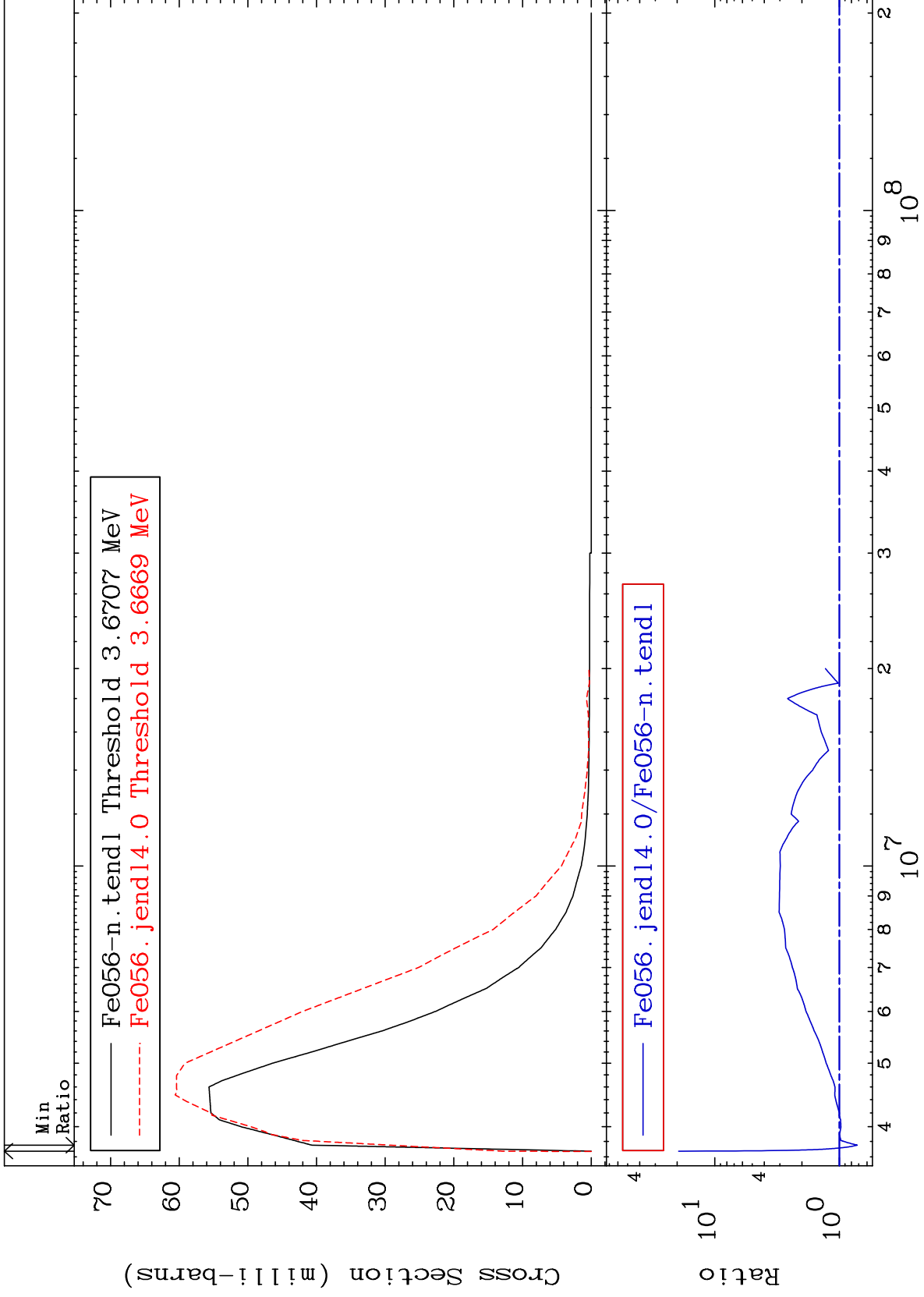
Incident Energy (eV)

26-Fe-56

MAT 2631

3.606 MeV (n,n') Level  
Cross Section

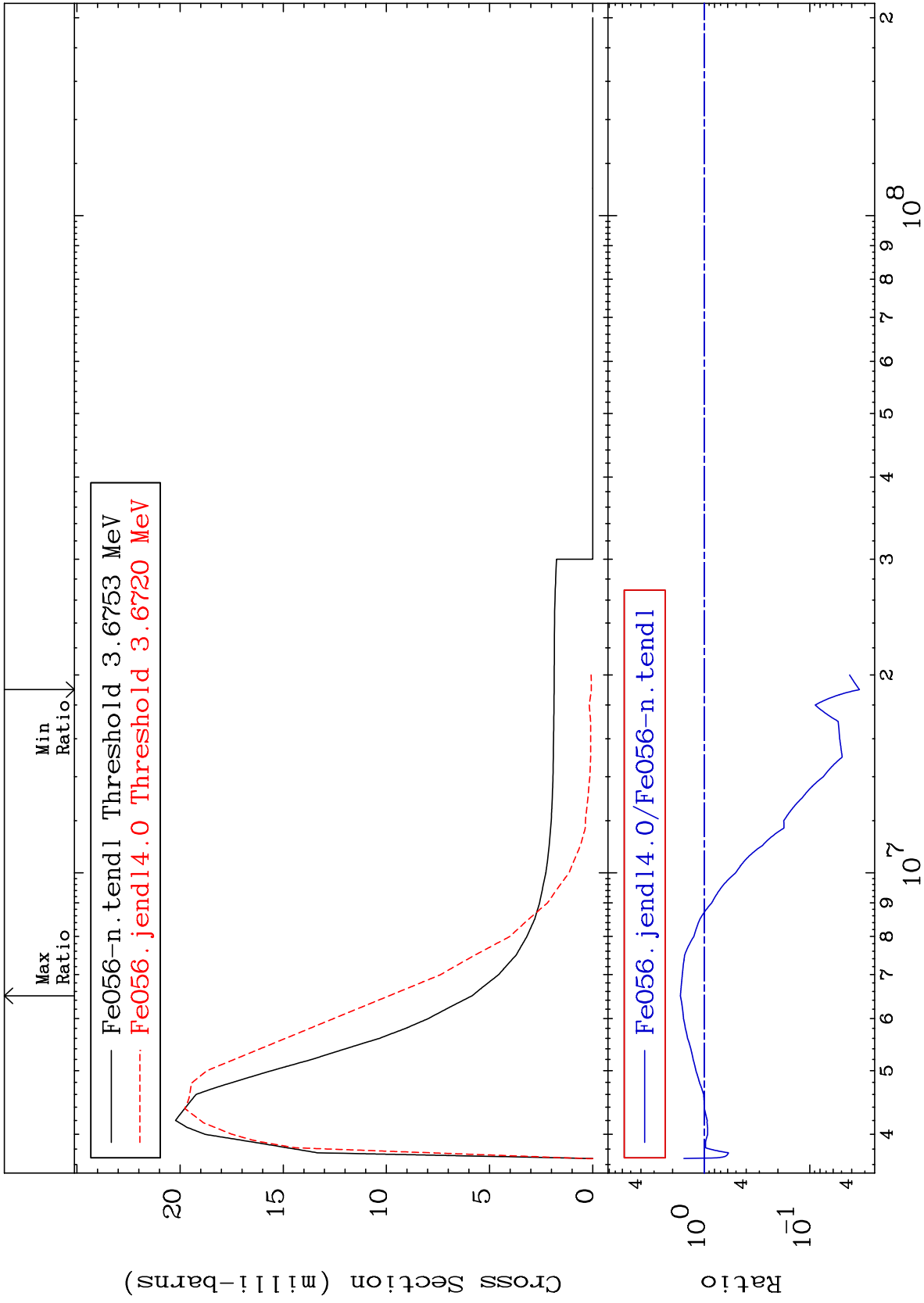
26-Fe-56  
-28.14 To 1848. %



MAT 2631

3.610 MeV (n,n') Level  
Cross Section

<sup>26</sup>Fe-56  
-96.62 To 68.79 %



20

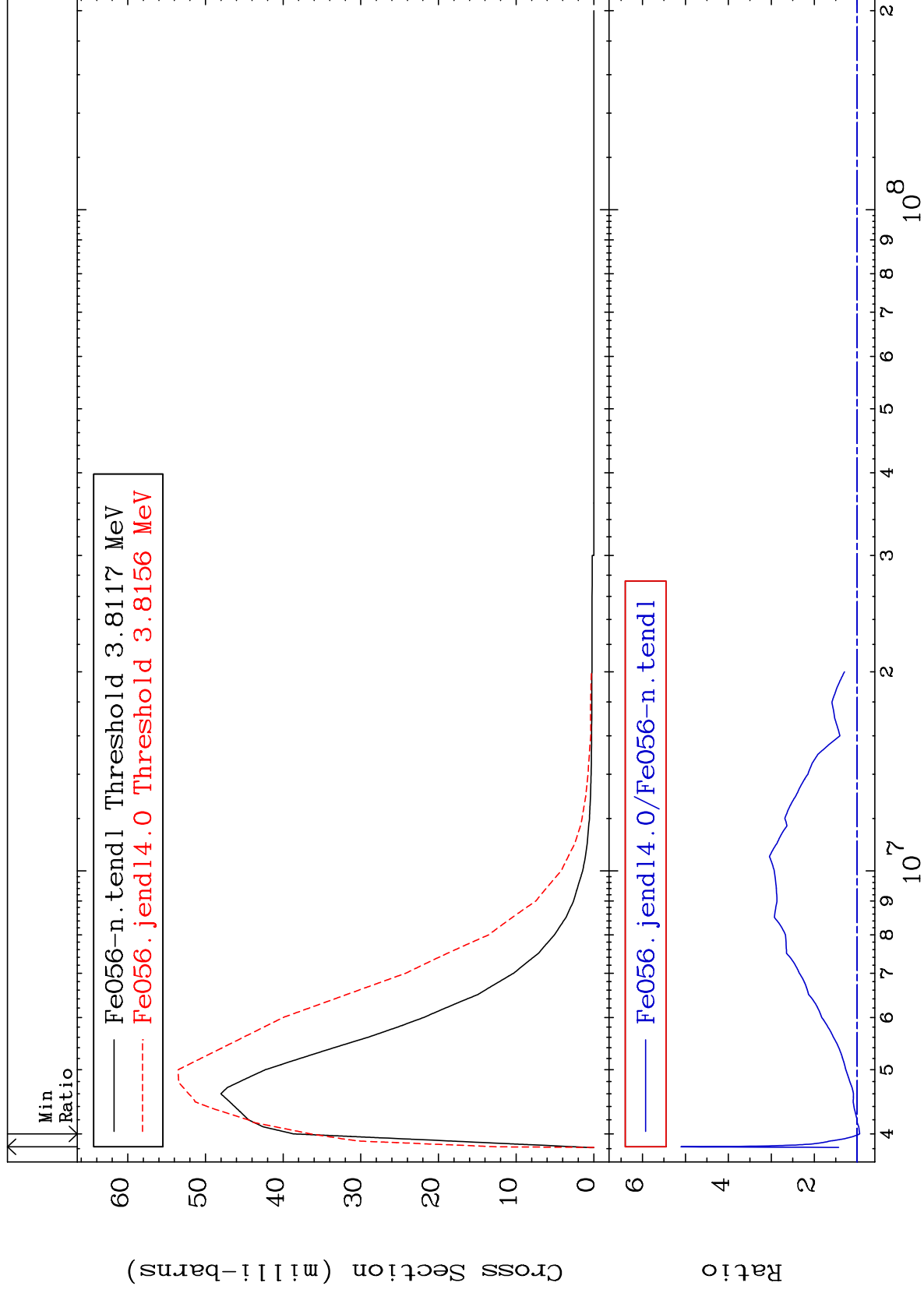
Incident Energy (eV)

<sup>26</sup>Fe-56

MAT 2631

3.744 MeV (n,n') Level  
Cross Section

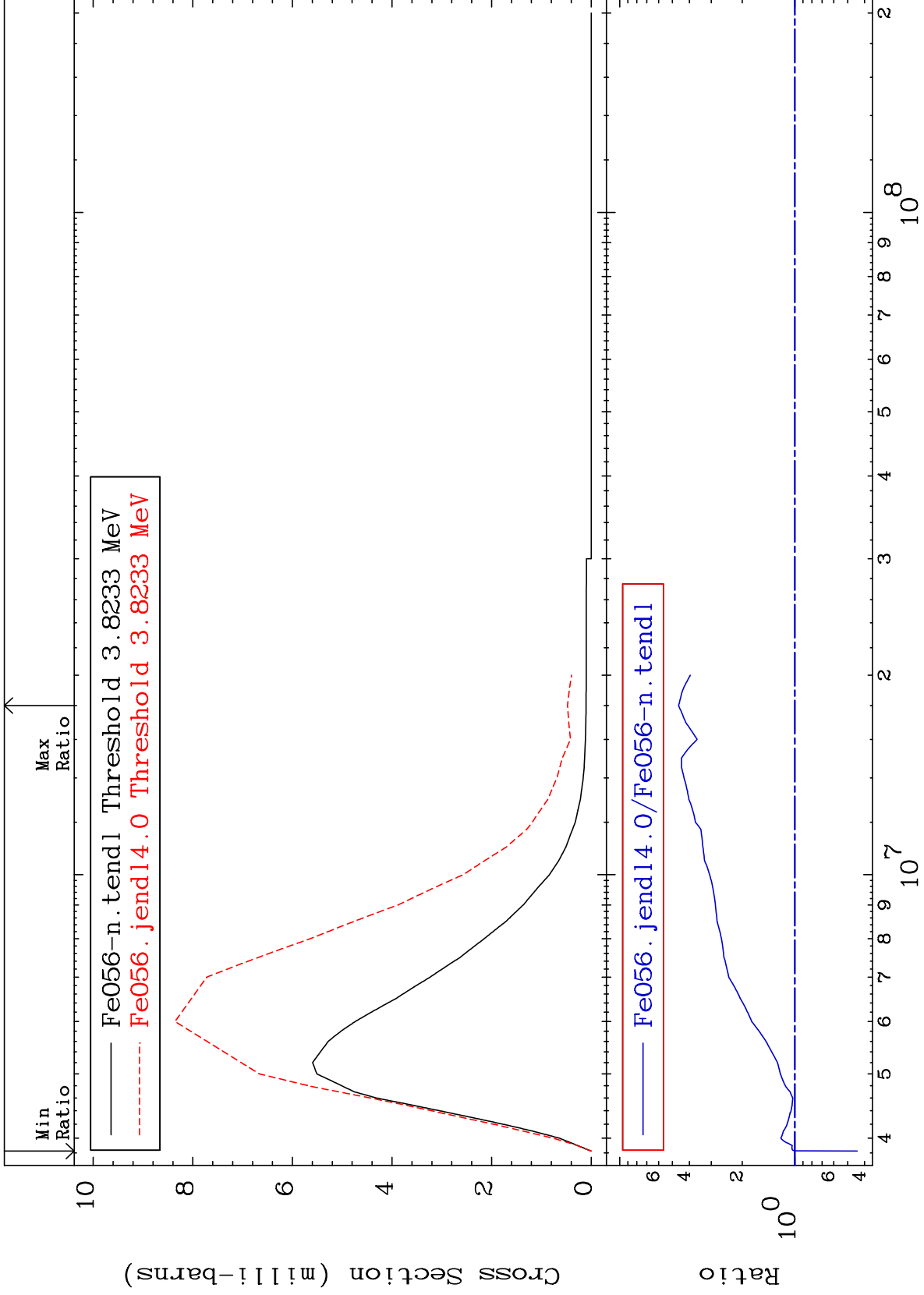
26-Fe-56  
-5.673 To 409.9 %



MAT 2631

3.756 MeV (n,n') Level  
Cross Section

26-Fe-56  
-55.95 To 361.0 %



22

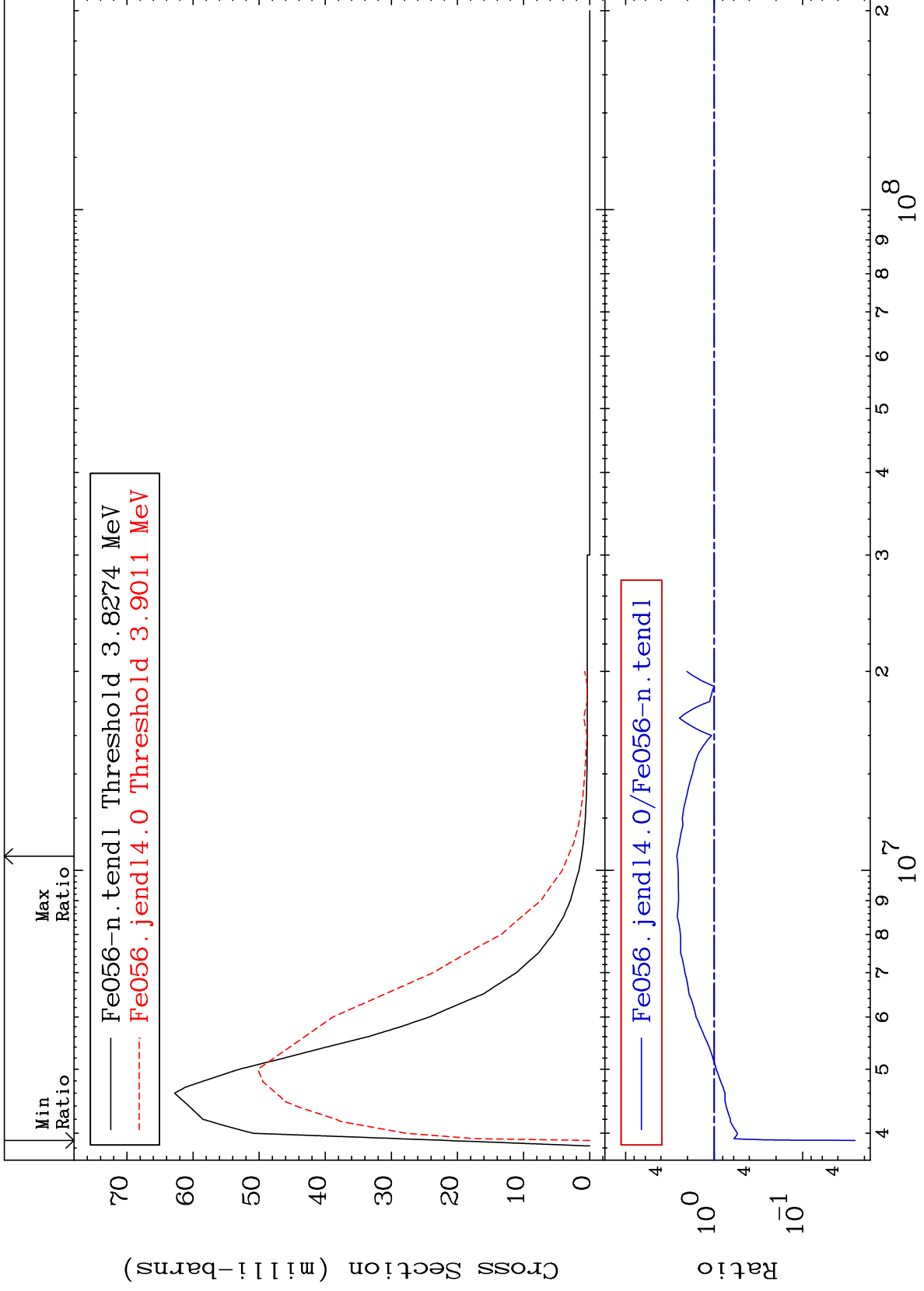
Incident Energy (eV)

26-Fe-56

MAT 2631

3.760 MeV (n,n') Level  
Cross Section

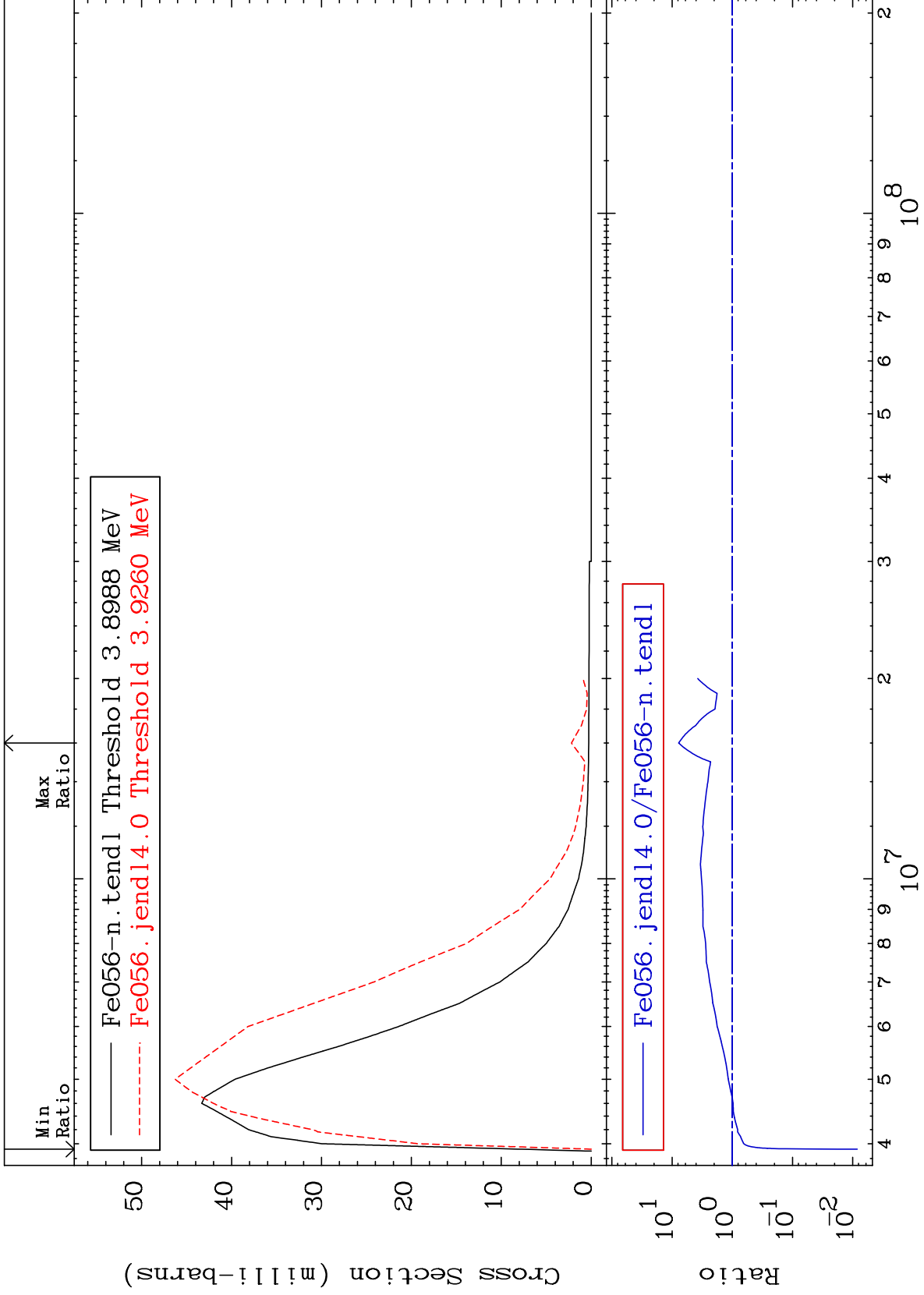
26-Fe-56  
-97.45 To 163.3 %



MAT 2631

3.830 MeV (n,n') Level  
Cross Section

26-Fe-56  
-99.16 To 679.0 %

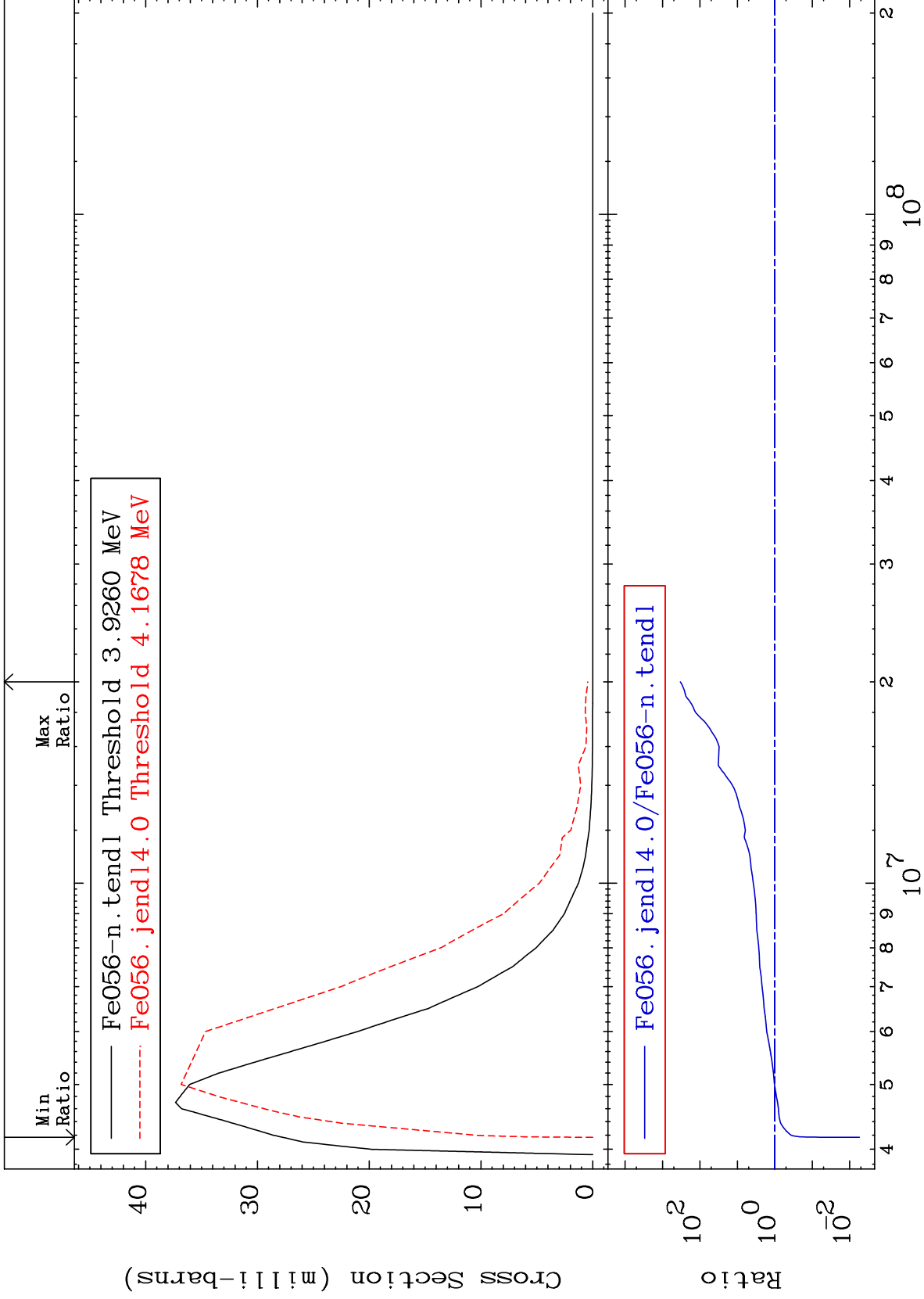




MAT 2631

3.856 MeV (n,n') Level  
Cross Section

26-Fe-56  
-99.45 To 9999. %



25

Incident Energy (eV)

26-Fe-56

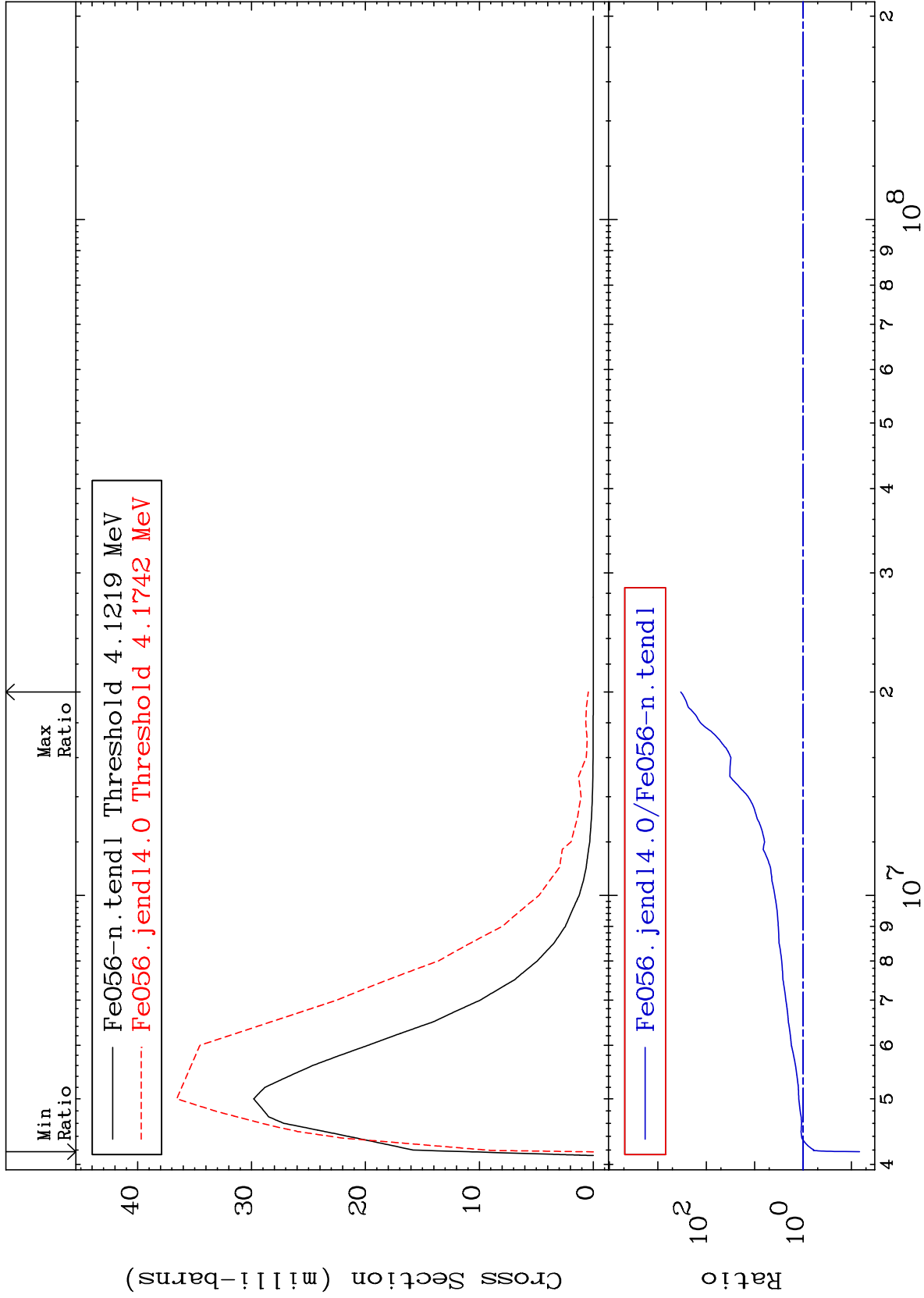
MAT 2631

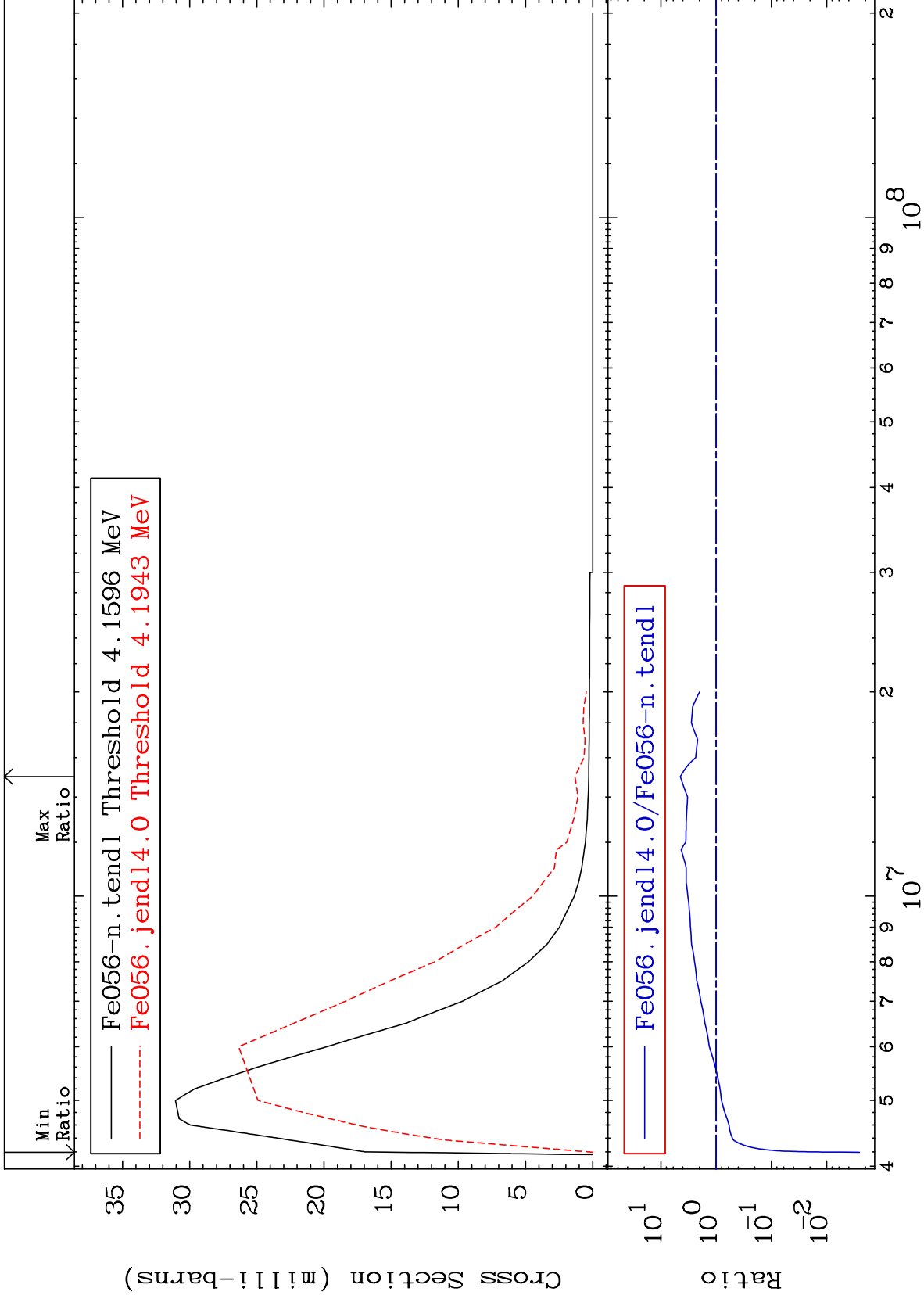
4.049 MeV (n,n') Level

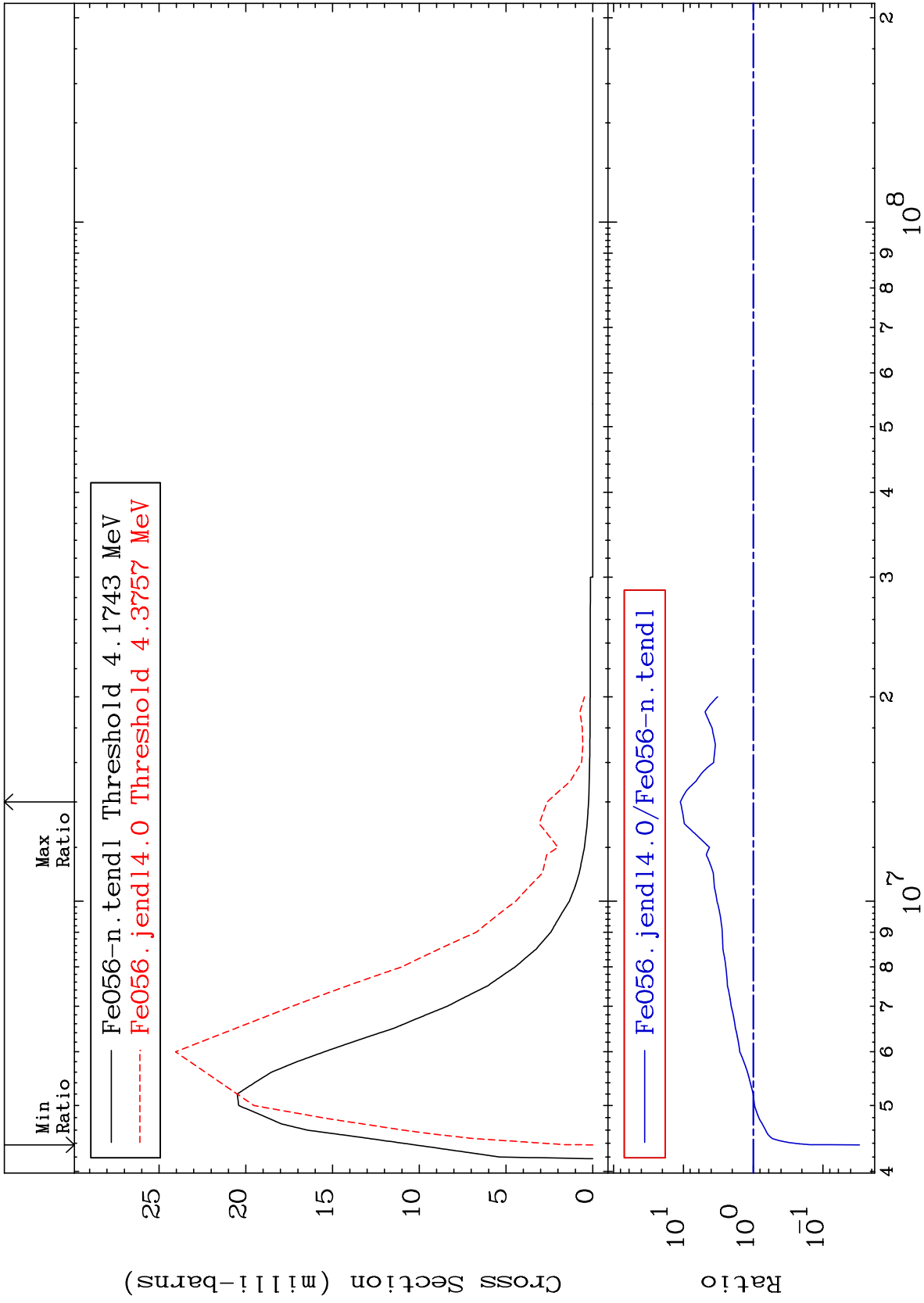
<sup>26</sup>Fe-56

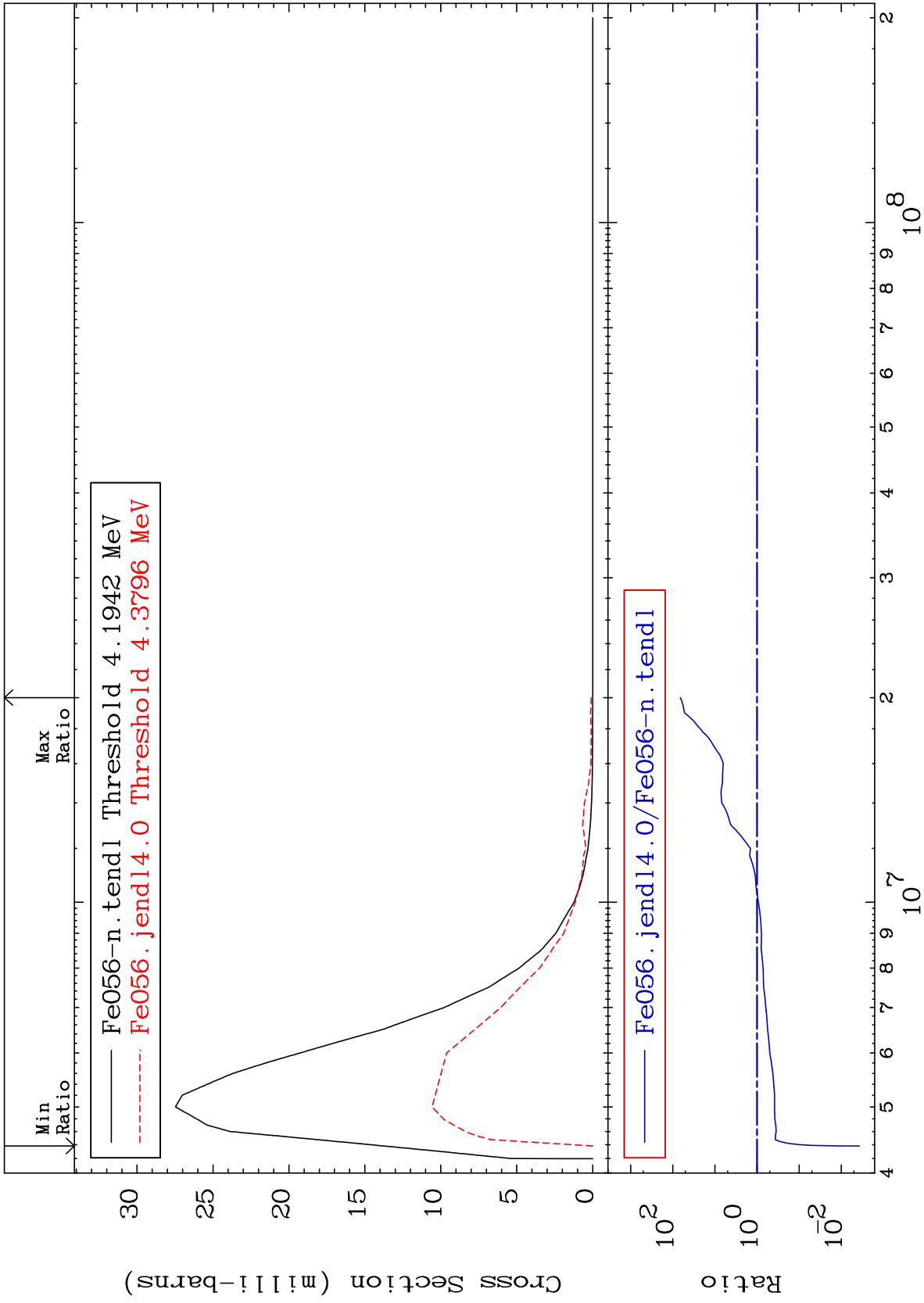
-93.18 To 9999. %

Cross Section





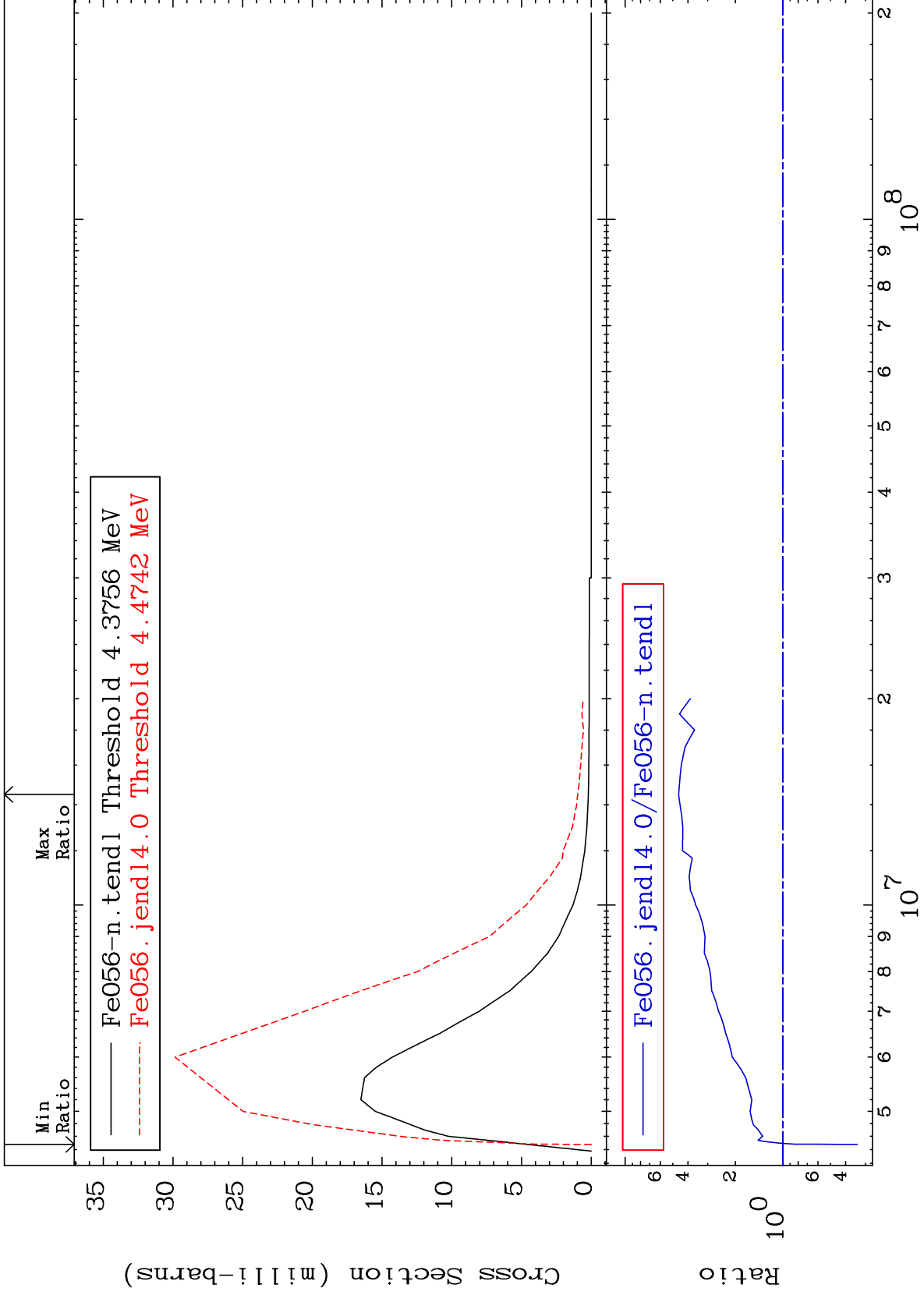




MAT 2631

4.298 MeV (n,n') Level  
Cross Section

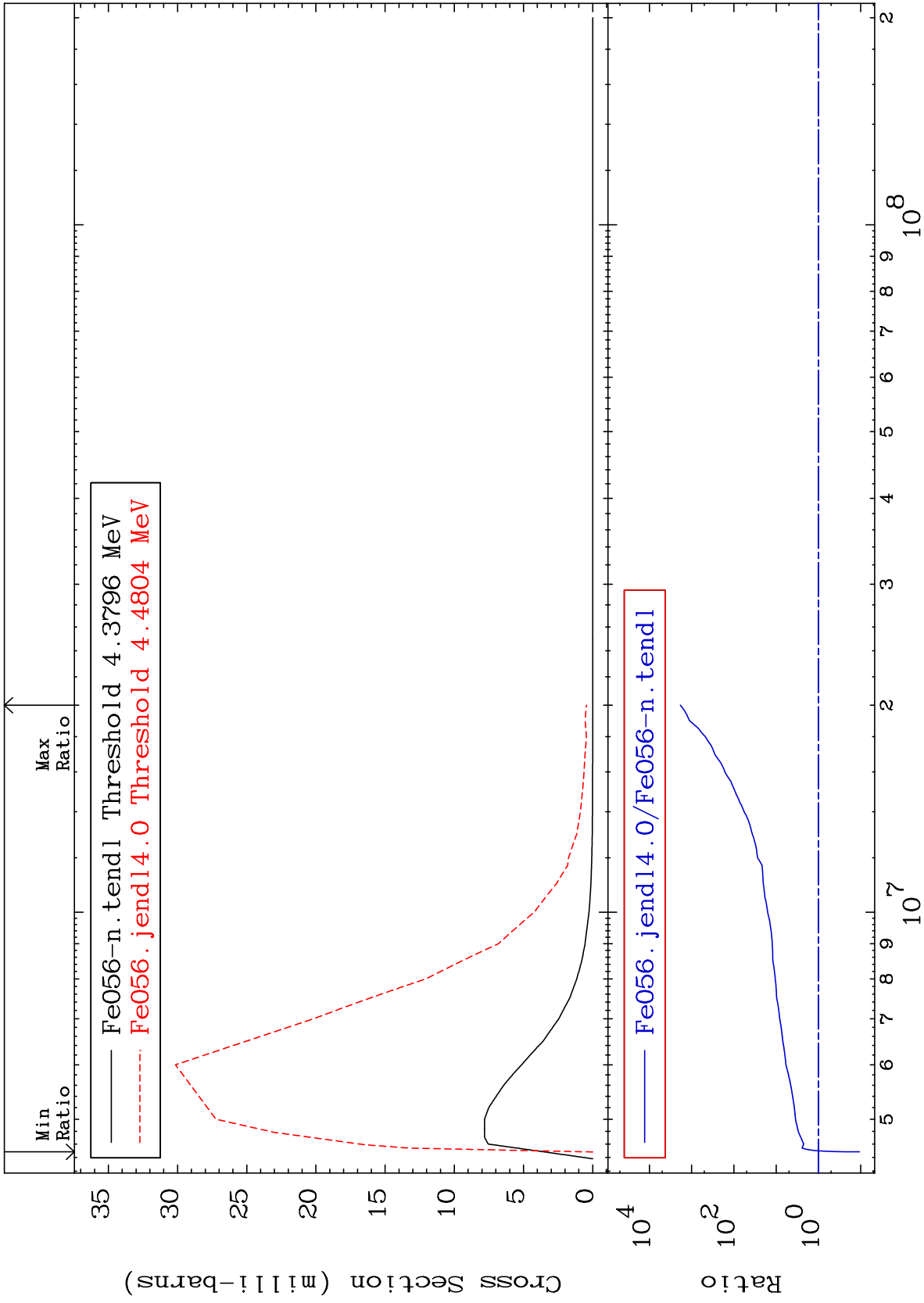
<sup>26</sup>Fe-56  
-66.26 To 358.3 %



30

Incident Energy (eV)

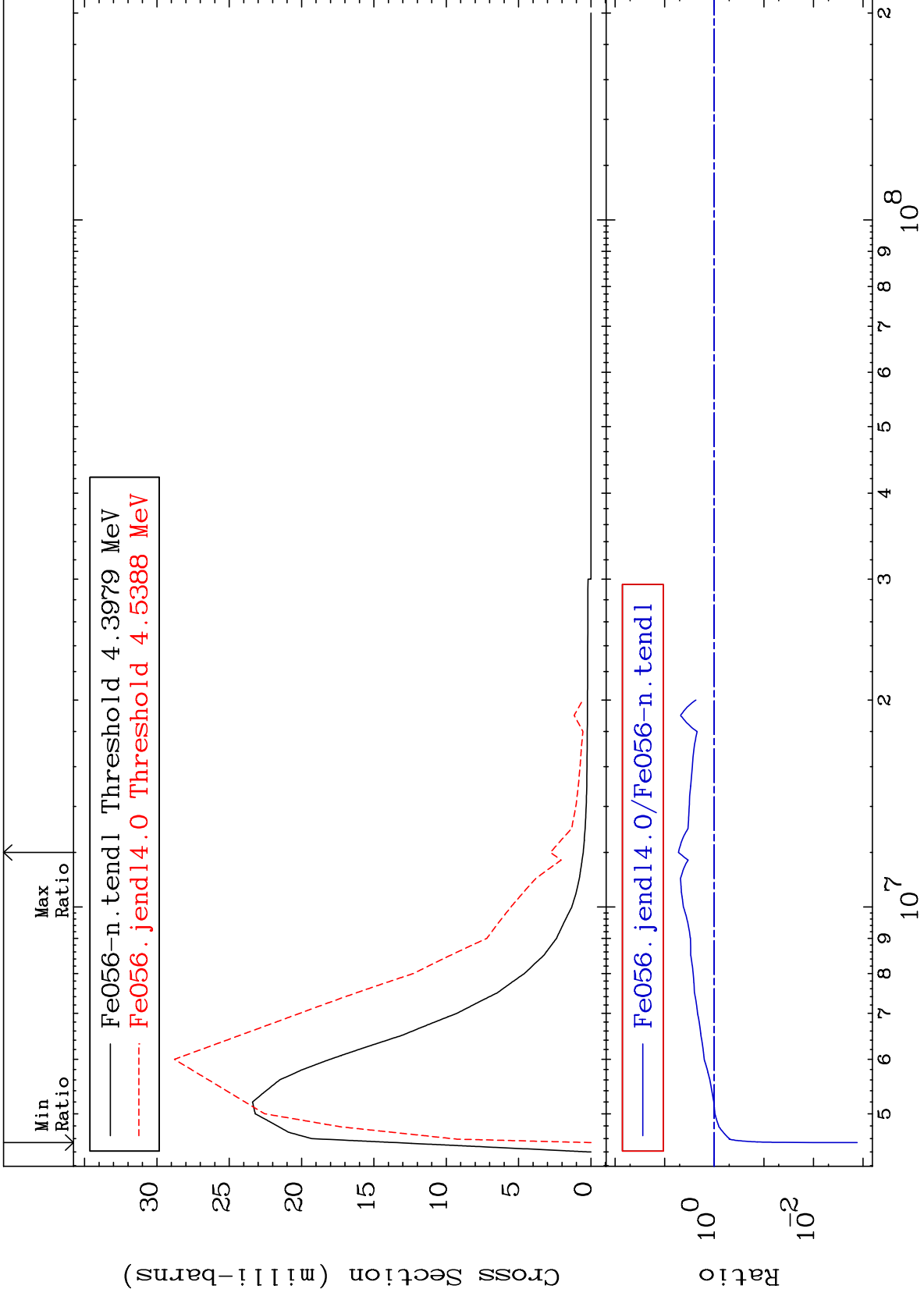
<sup>26</sup>Fe-56



MAT 2631

4.320 MeV (n,n') Level  
Cross Section

26-Fe-56  
-99.87 To 428.0 %

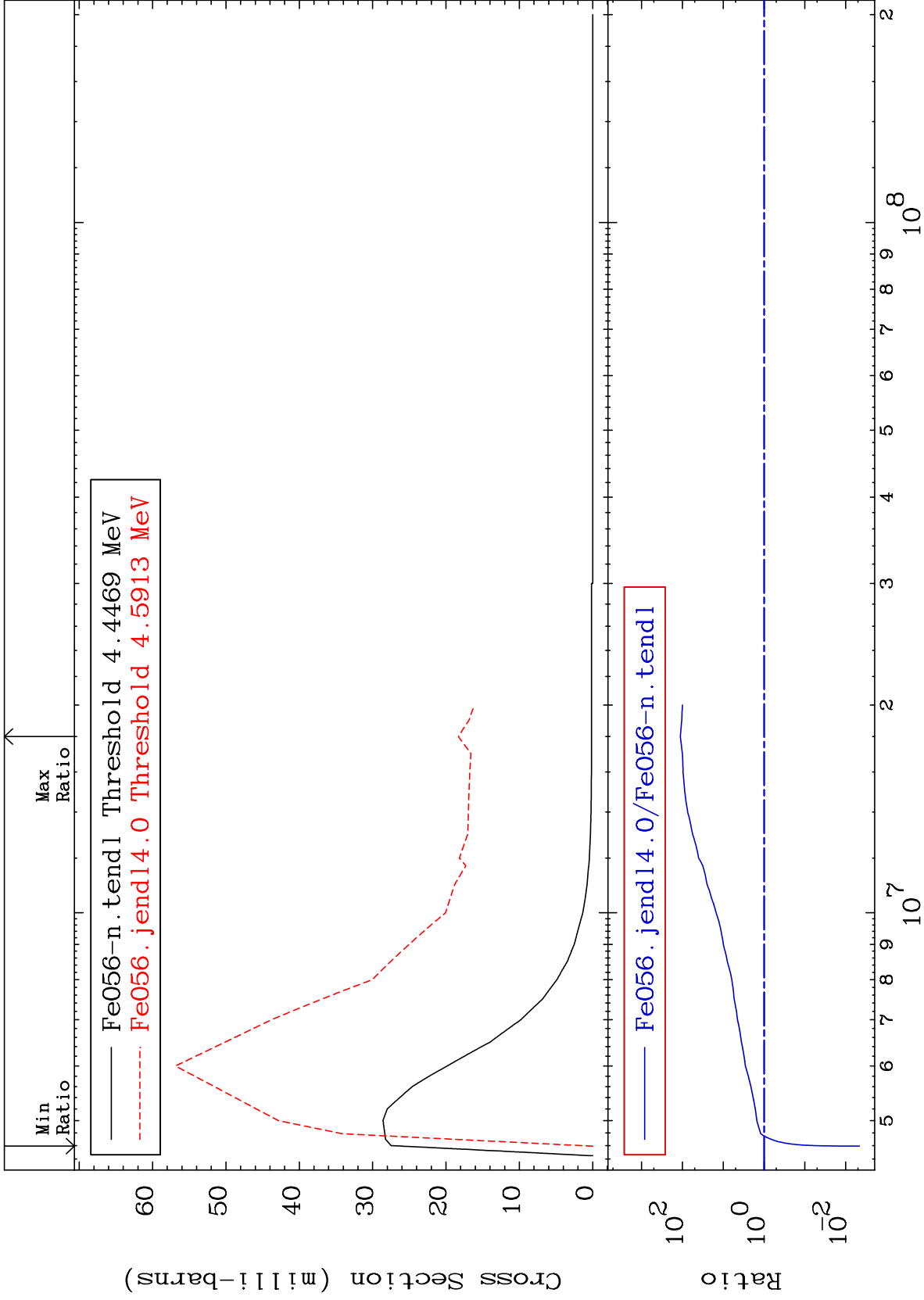


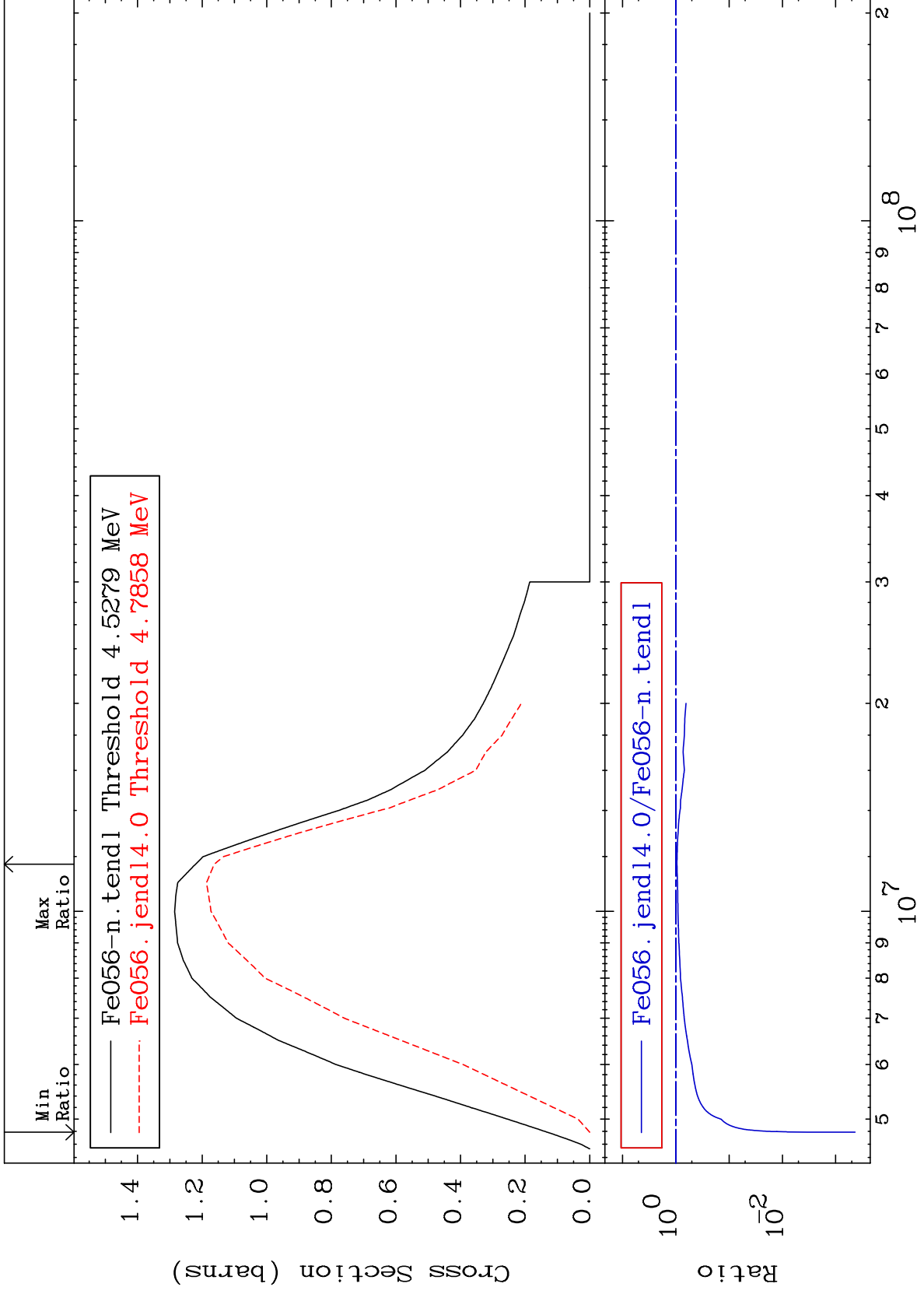
32

Incident Energy (eV)

26-Fe-56







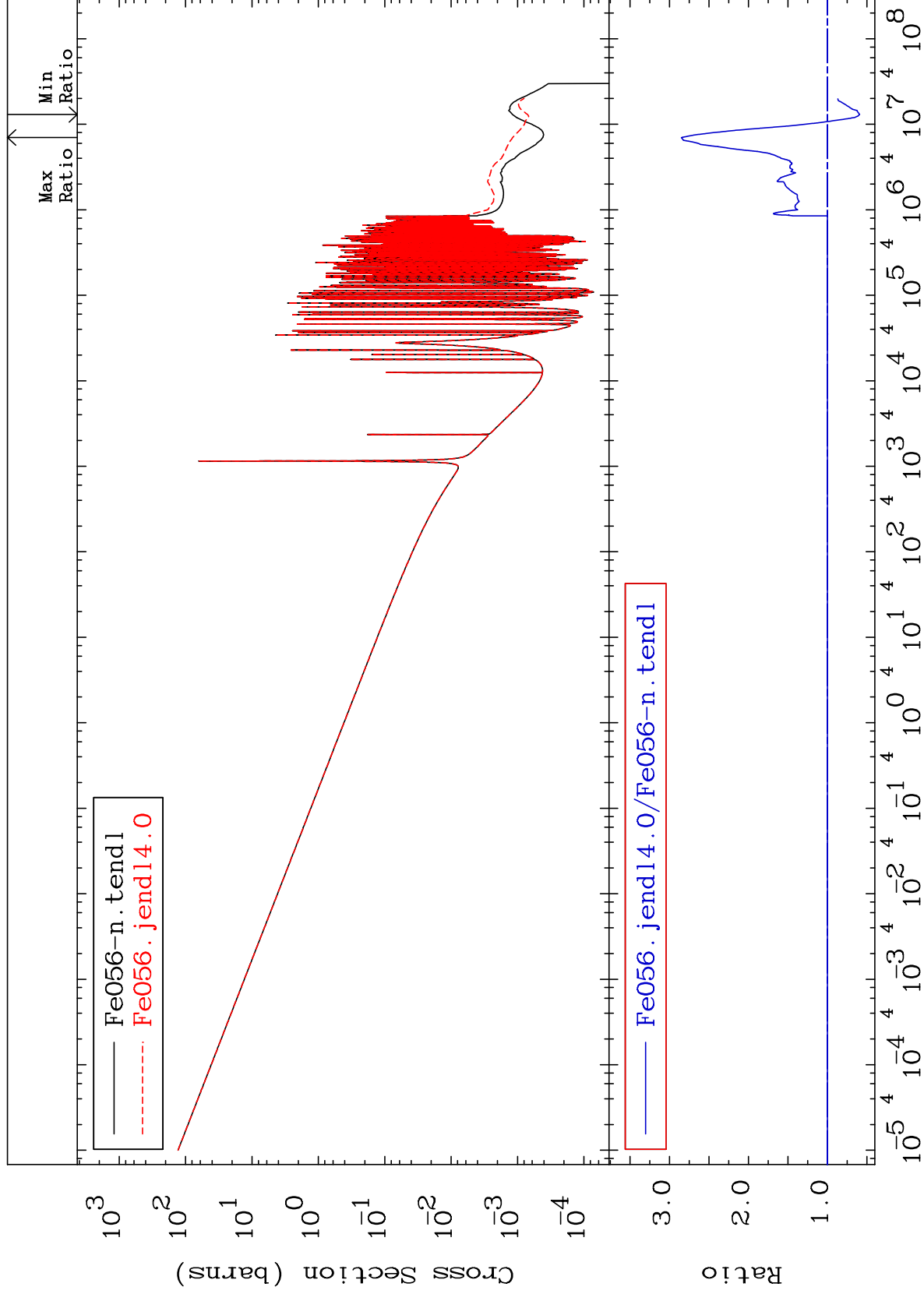
MAT 2631

(n,  $\gamma$ )

Cross Section

<sup>26</sup>Fe-56

-40.73 To 185.2 %



35

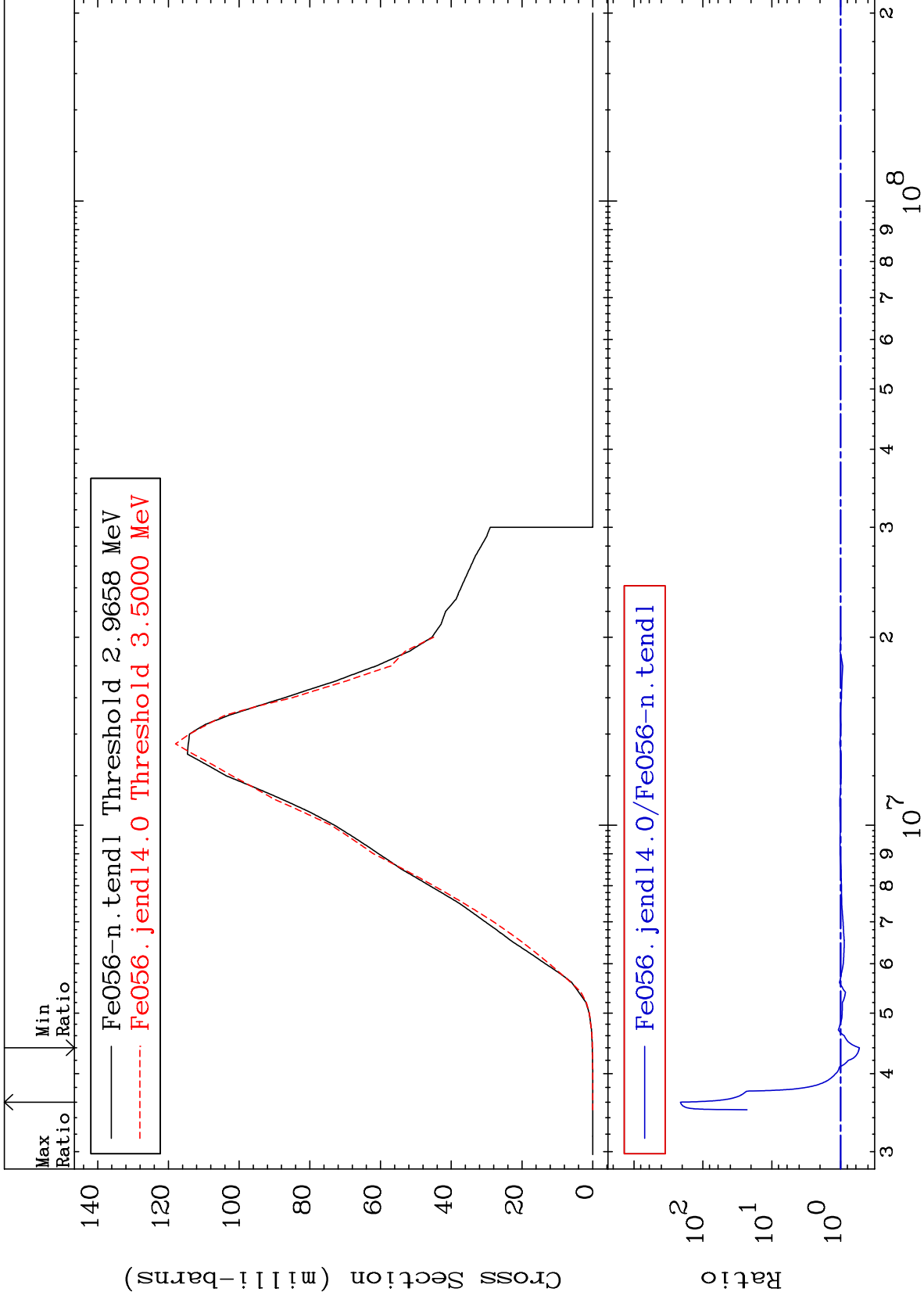
Incident Energy (eV)

<sup>26</sup>Fe-56

MAT 2631

(n,p)  
Cross Section

<sup>26</sup>Fe-56  
-46.61 To 9999. %



36

Incident Energy (eV)

<sup>26</sup>Fe-56

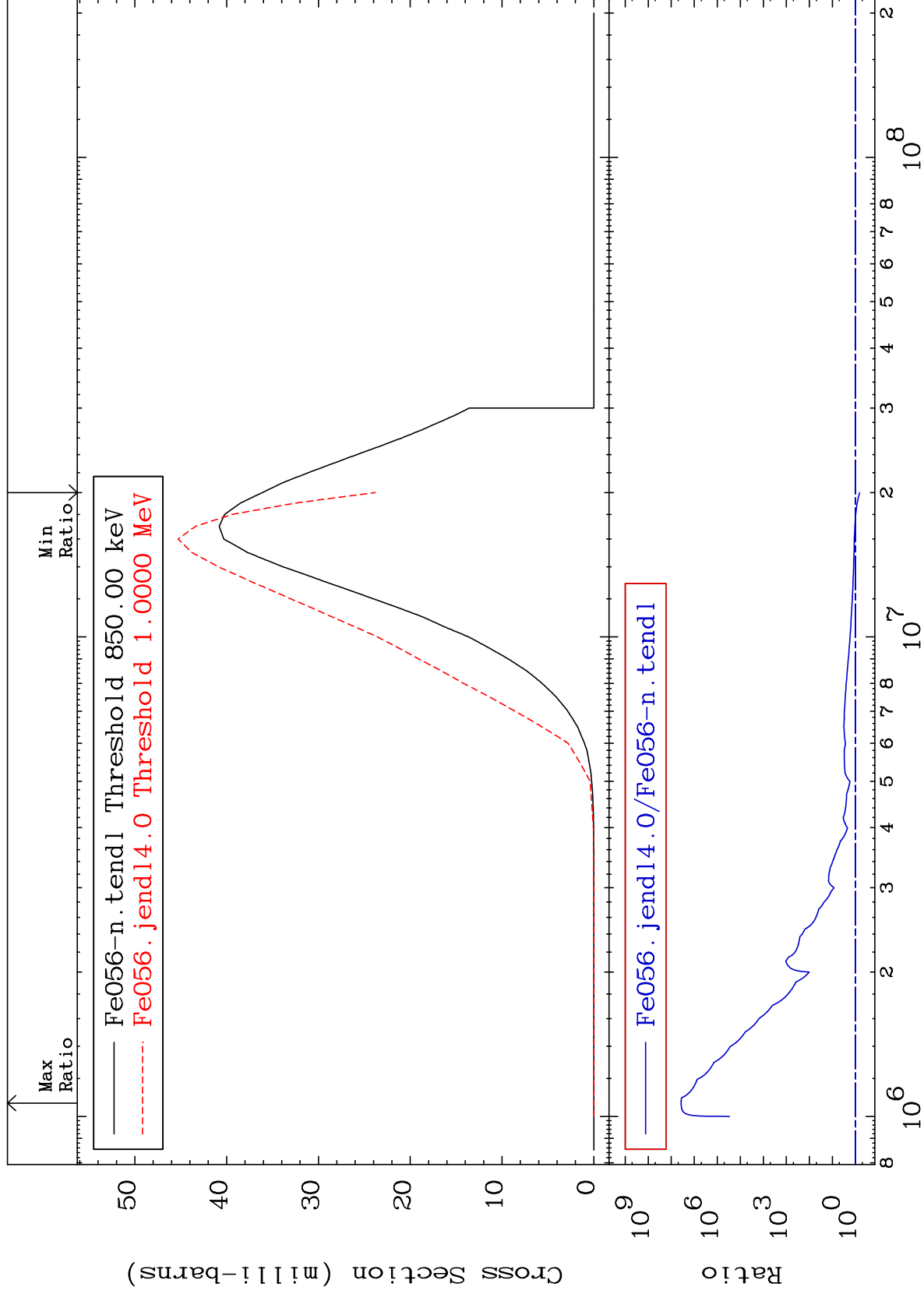
MAT 2631

(n,  $\alpha$ )

<sup>26</sup>Fe-56

Cross Section

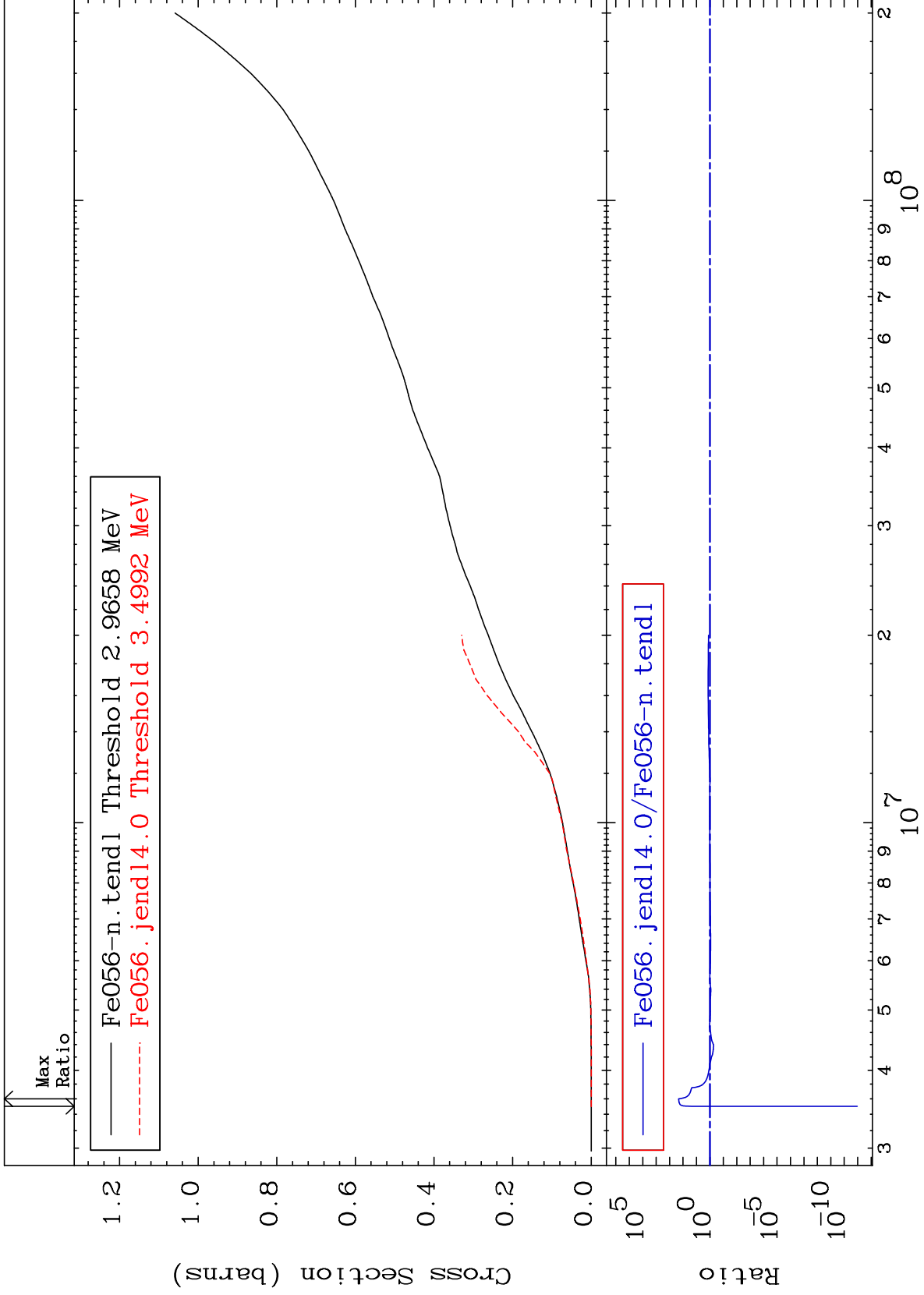
-34.09 To 9999. %

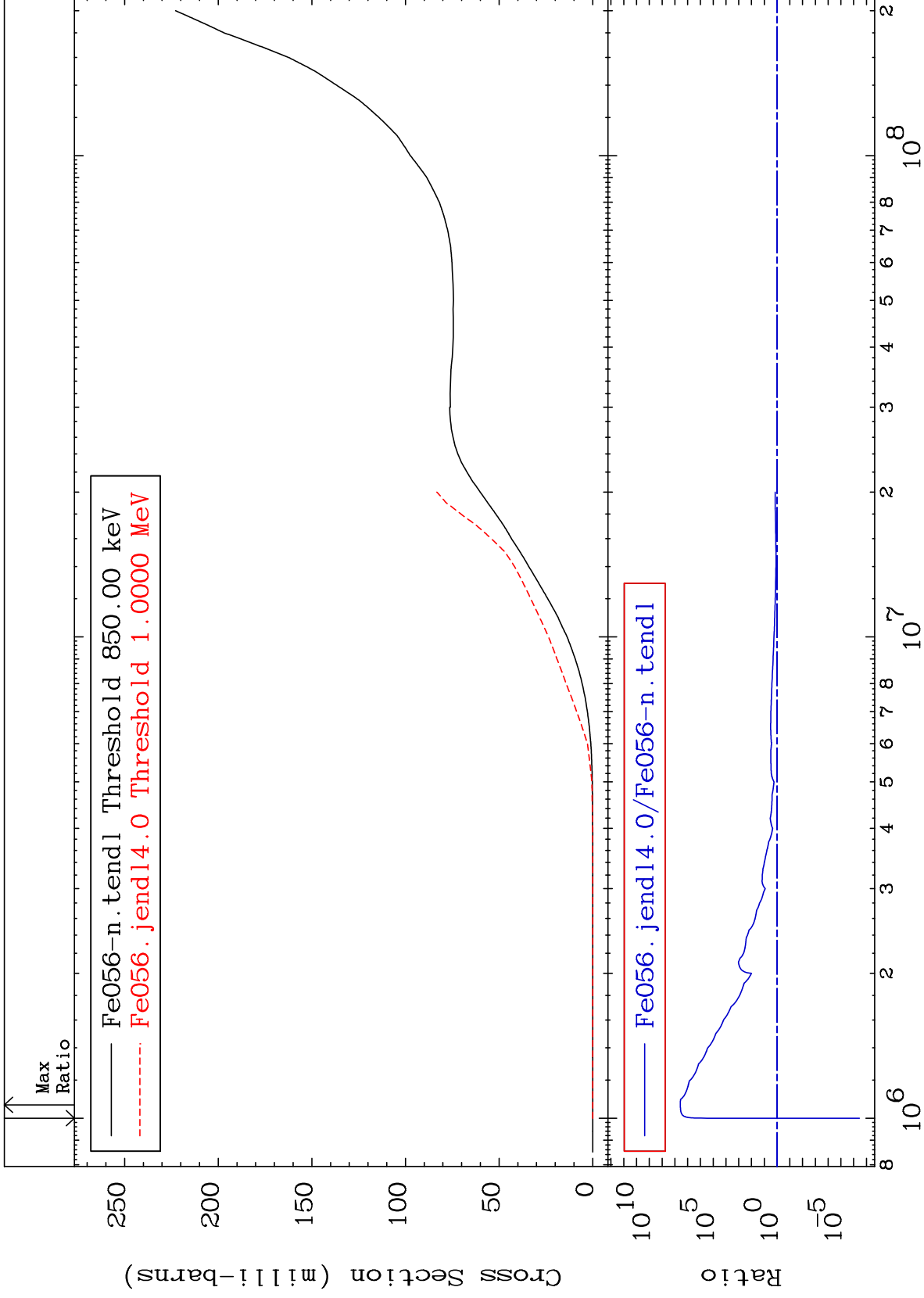


37

Incident Energy (eV)

<sup>26</sup>Fe-56

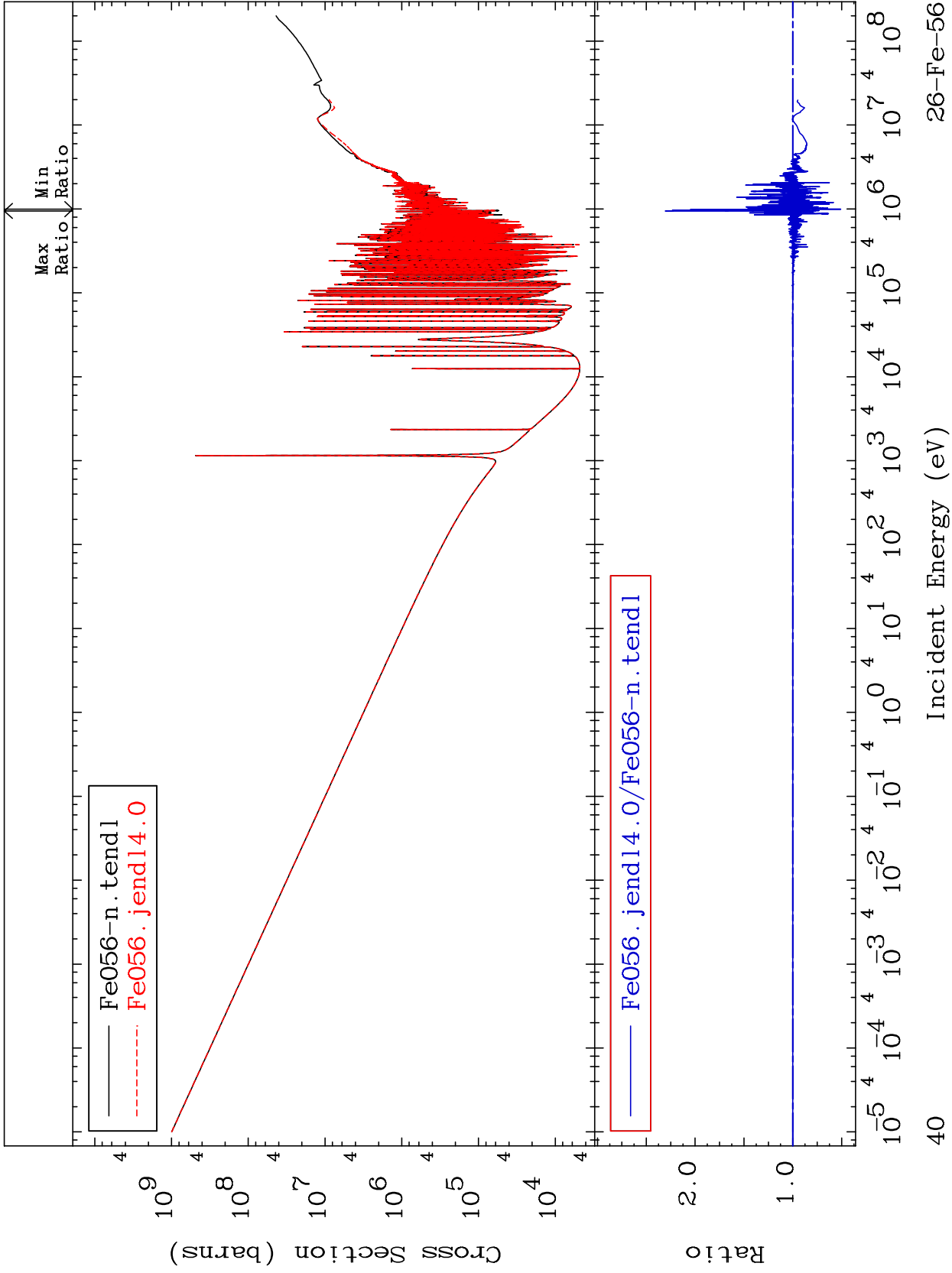




MAT 2631

Kerma total (eV-barns)  
Cross Section

26-Fe-56  
-49.03 To 130.3 %



26-Fe-56

Incident Energy (eV)

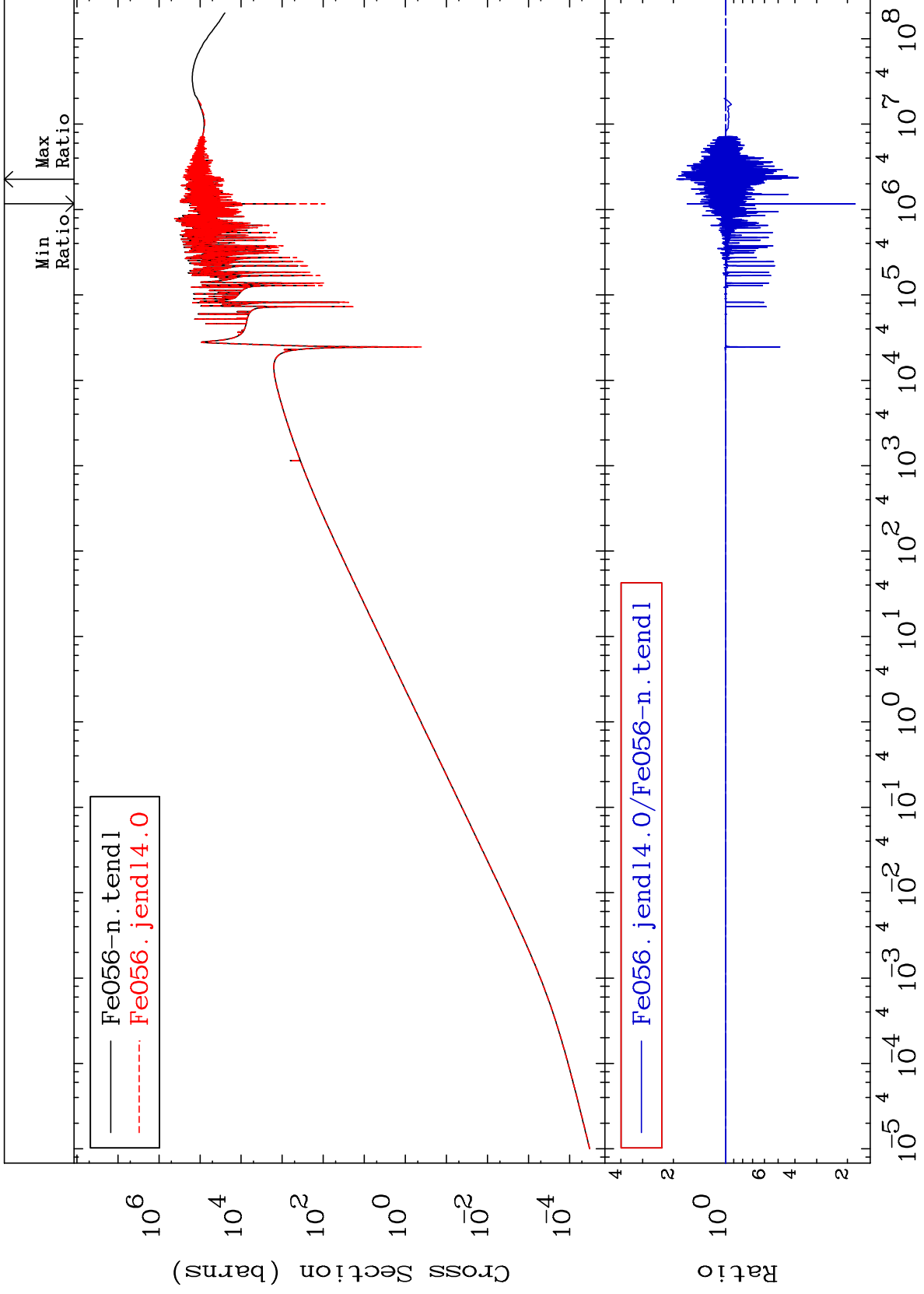
40



MAT 2631

Kerma elastic  
Cross Section

26-Fe-56  
-81.92 To 90.58 %



41

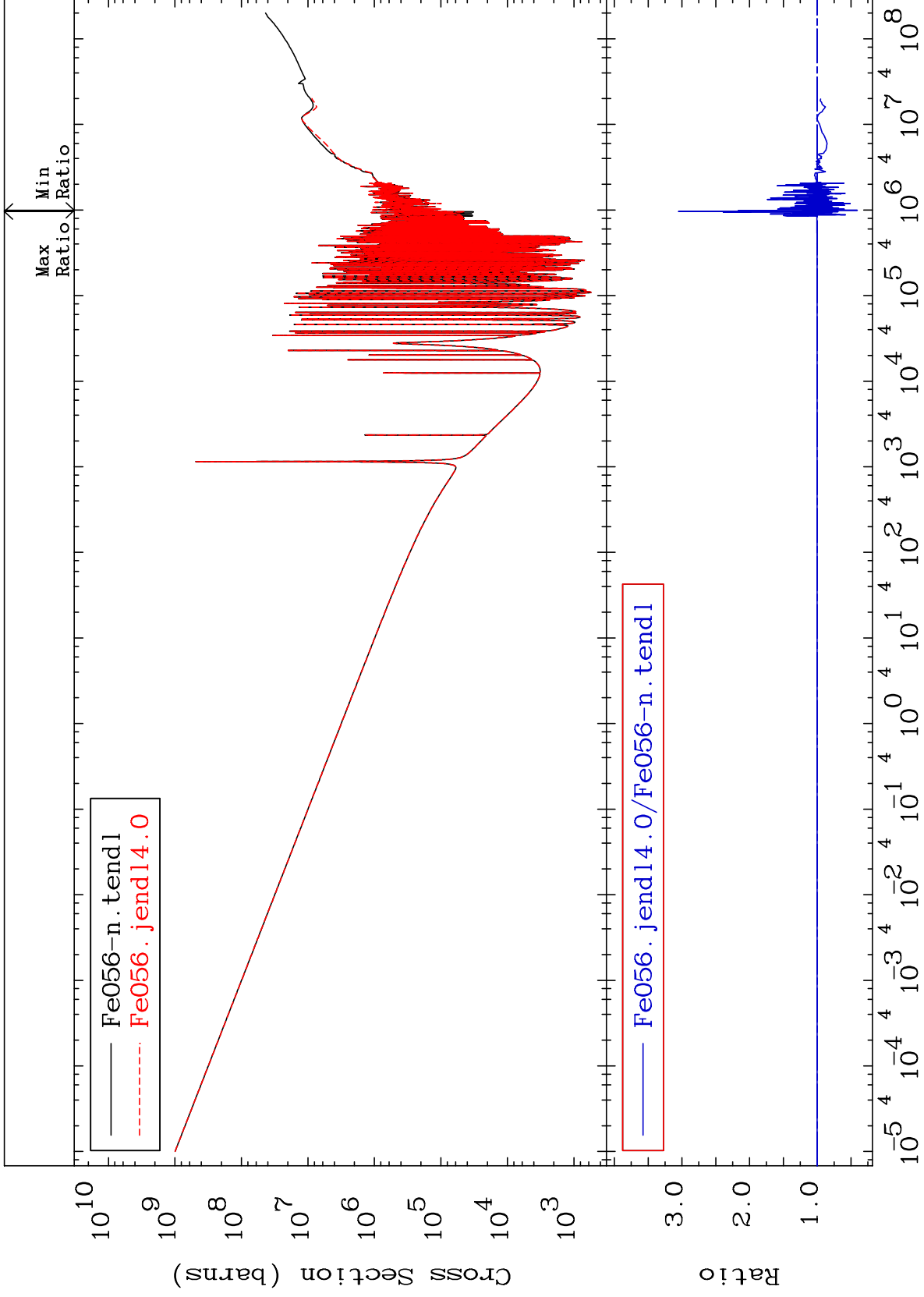
Incident Energy (eV)

26-Fe-56

MAT 2631

Kerma non-elastic (all but mt2)  
Cross Section

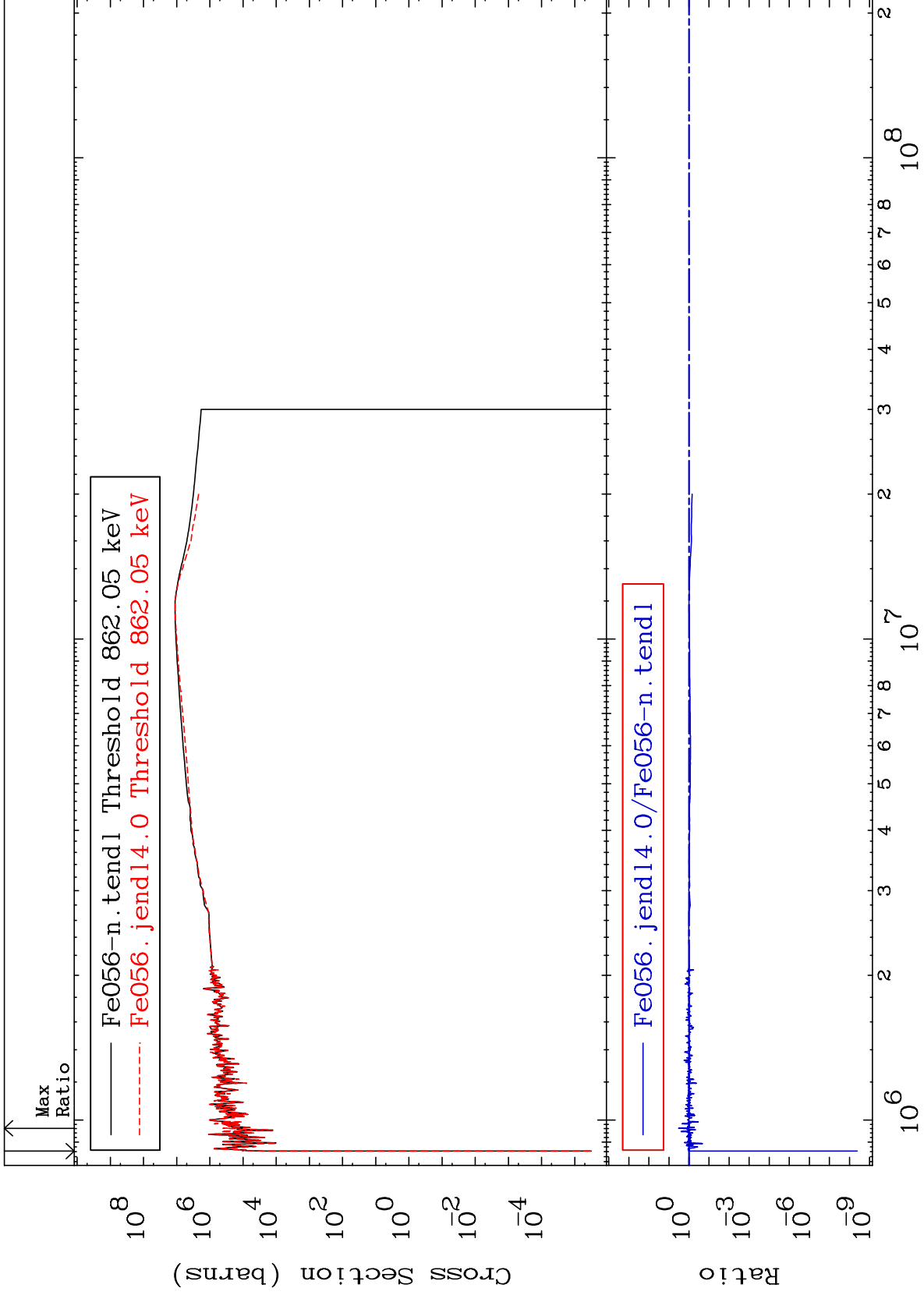
26-Fe-56  
-59.29 To 204.9 %



42

Incident Energy (eV)

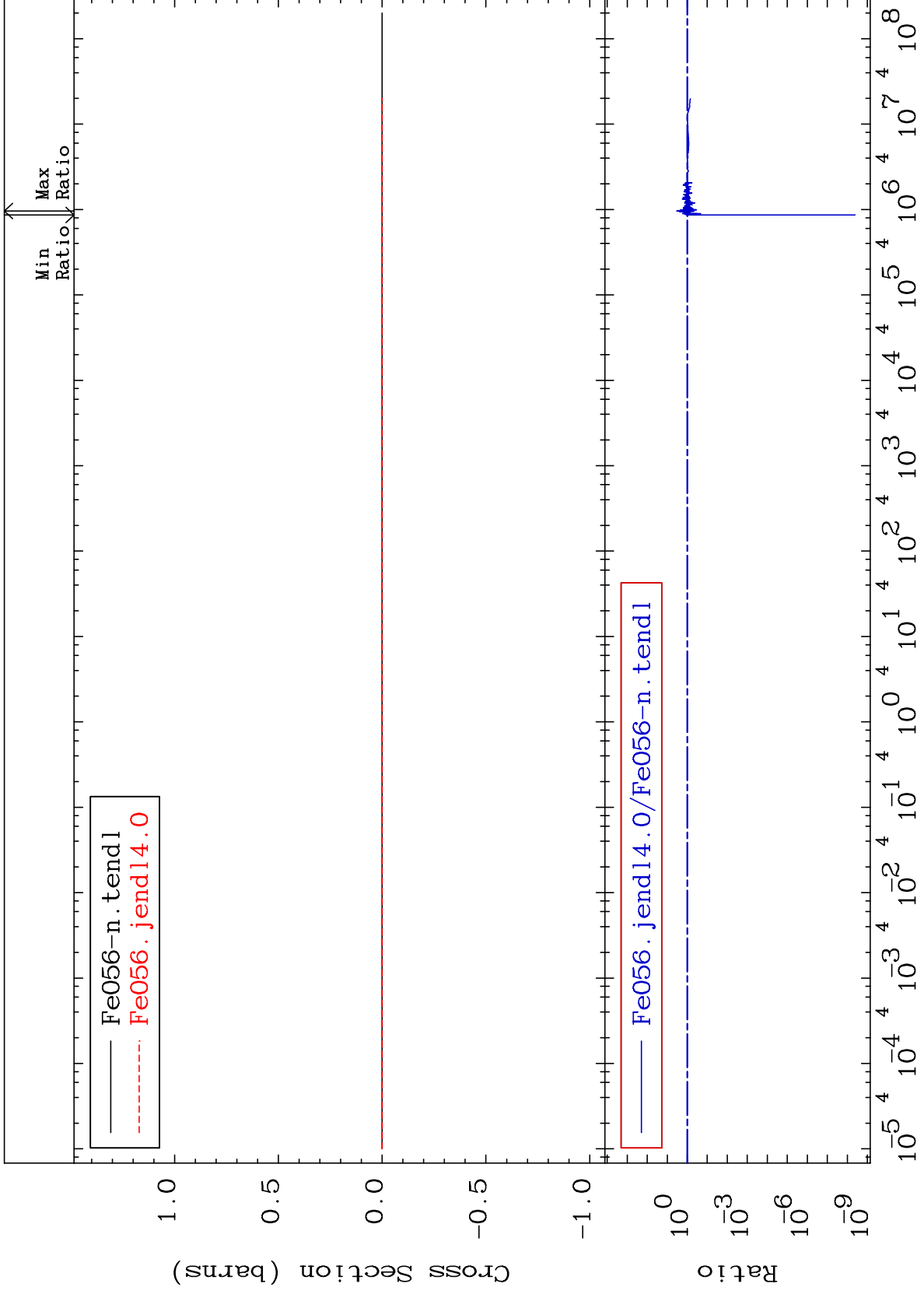
26-Fe-56



MAT 2631

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

26-Fe-56  
-100.0 To 228.2 %



44

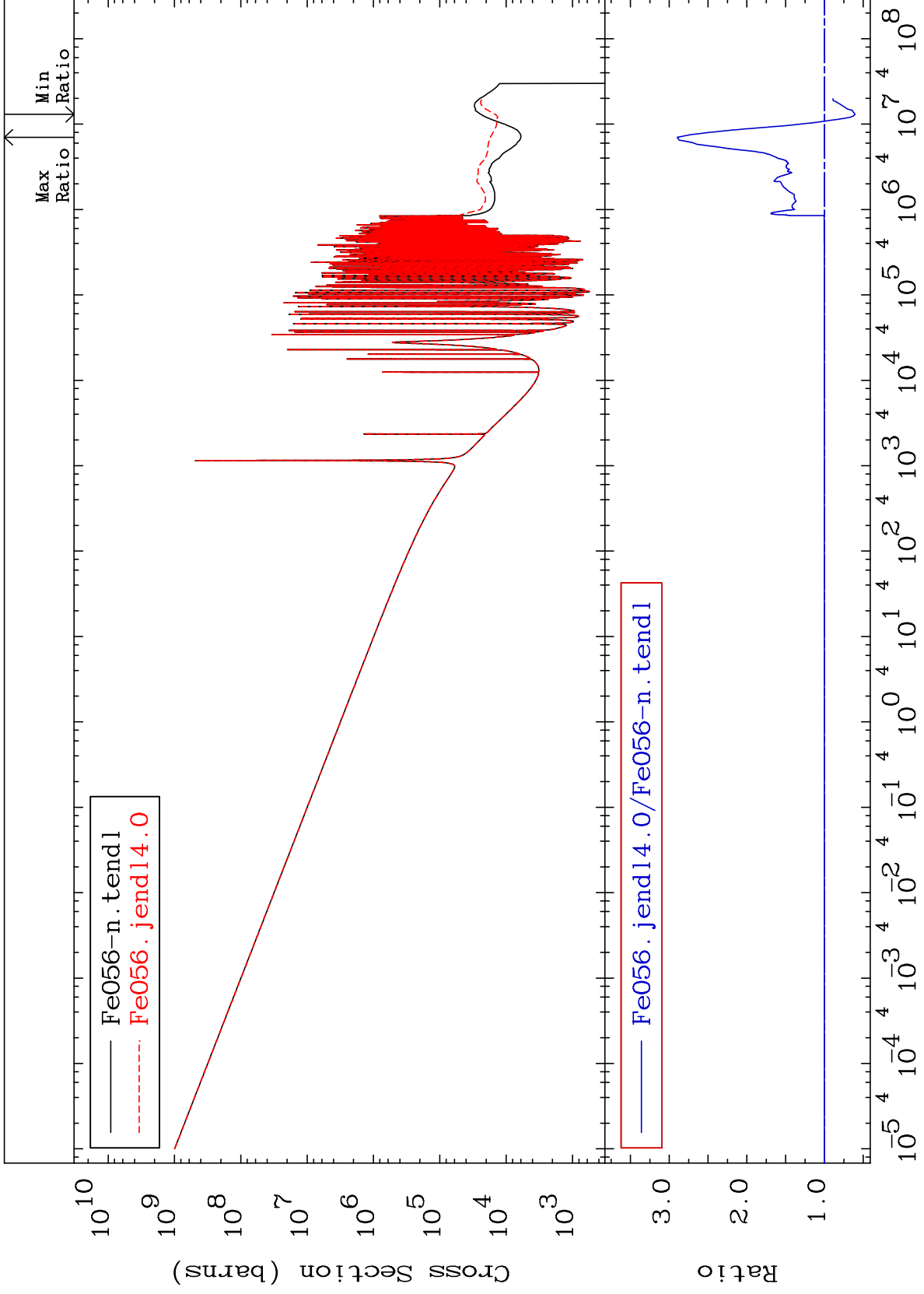
Incident Energy (eV)

26-Fe-56

MAT 2631

Kerma capture (mt102)  
Cross Section

26-Fe-56  
-39.53 To 190.1 %



45

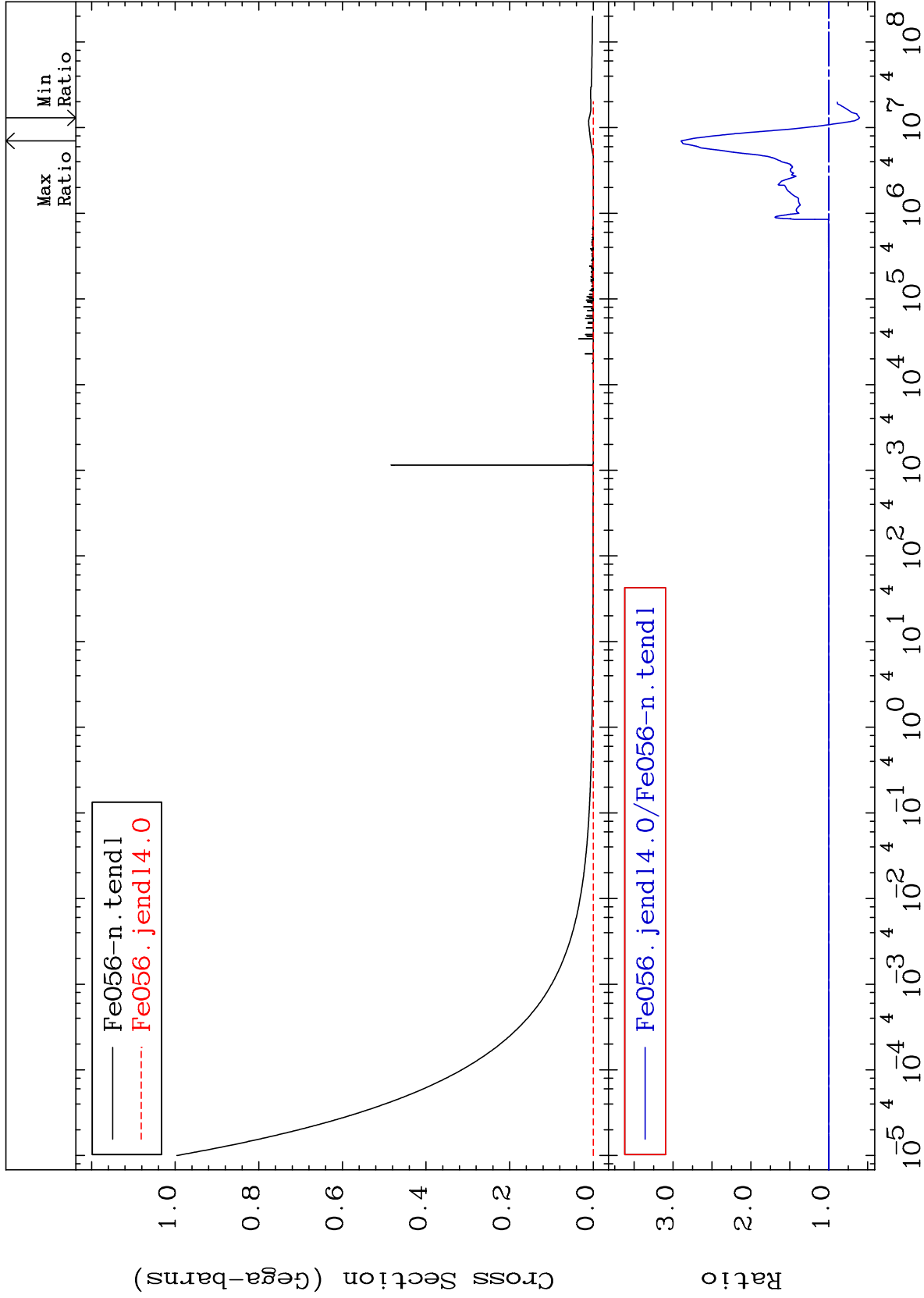
Incident Energy (eV)

26-Fe-56

MAT 2631

Total photon (eV-barns)  
Cross Section

26-Fe-56  
-39.53 To 190.1 %

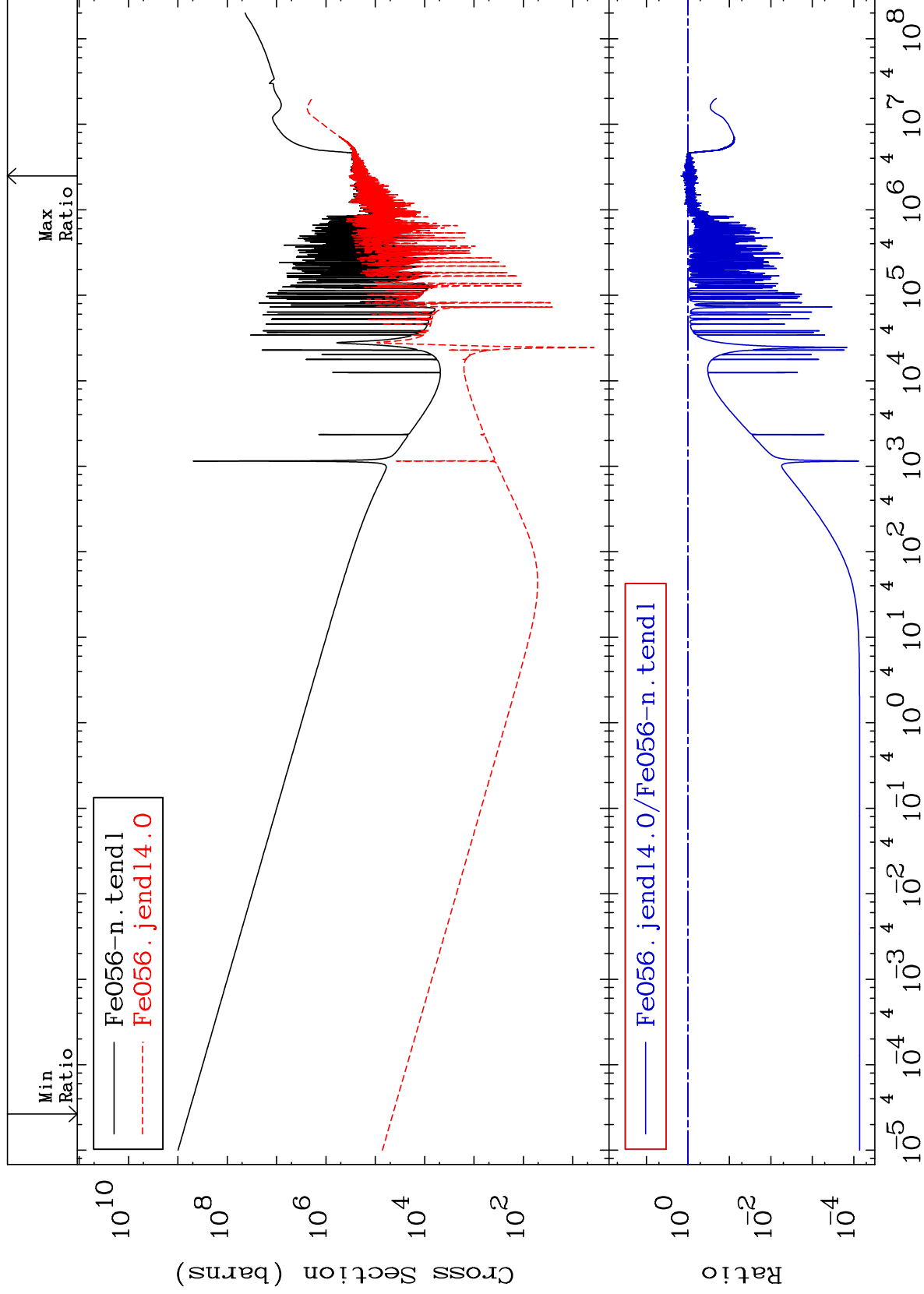


46

MAT 2631

Total kinematic kerma (high limit)  
Cross Section

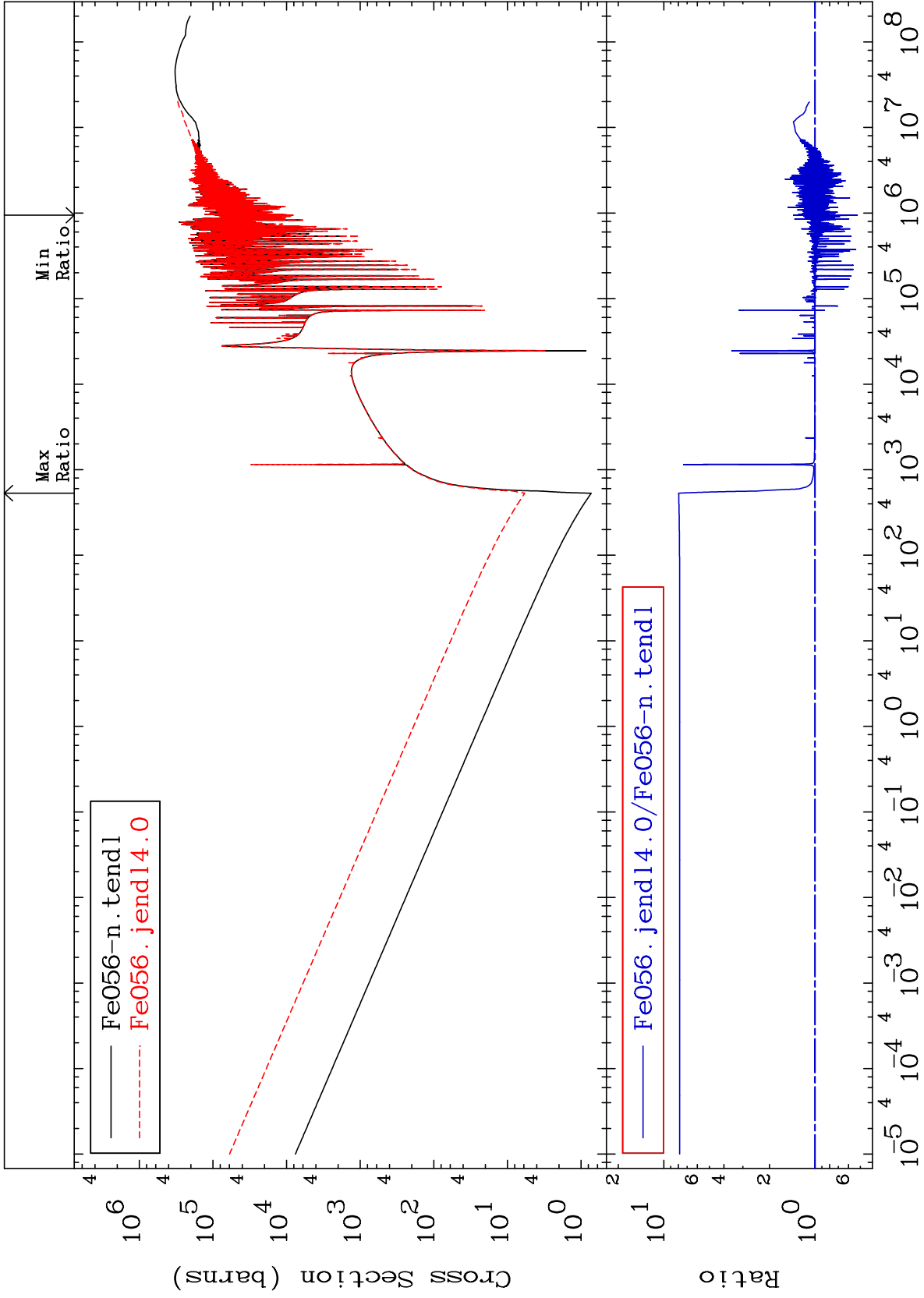
26-Fe-56  
-99.99 To 45.00 %



MAT 2631

Dpa total (eV-barns)  
Cross Section

26-Fe-56  
-47.49 To 697.4 %

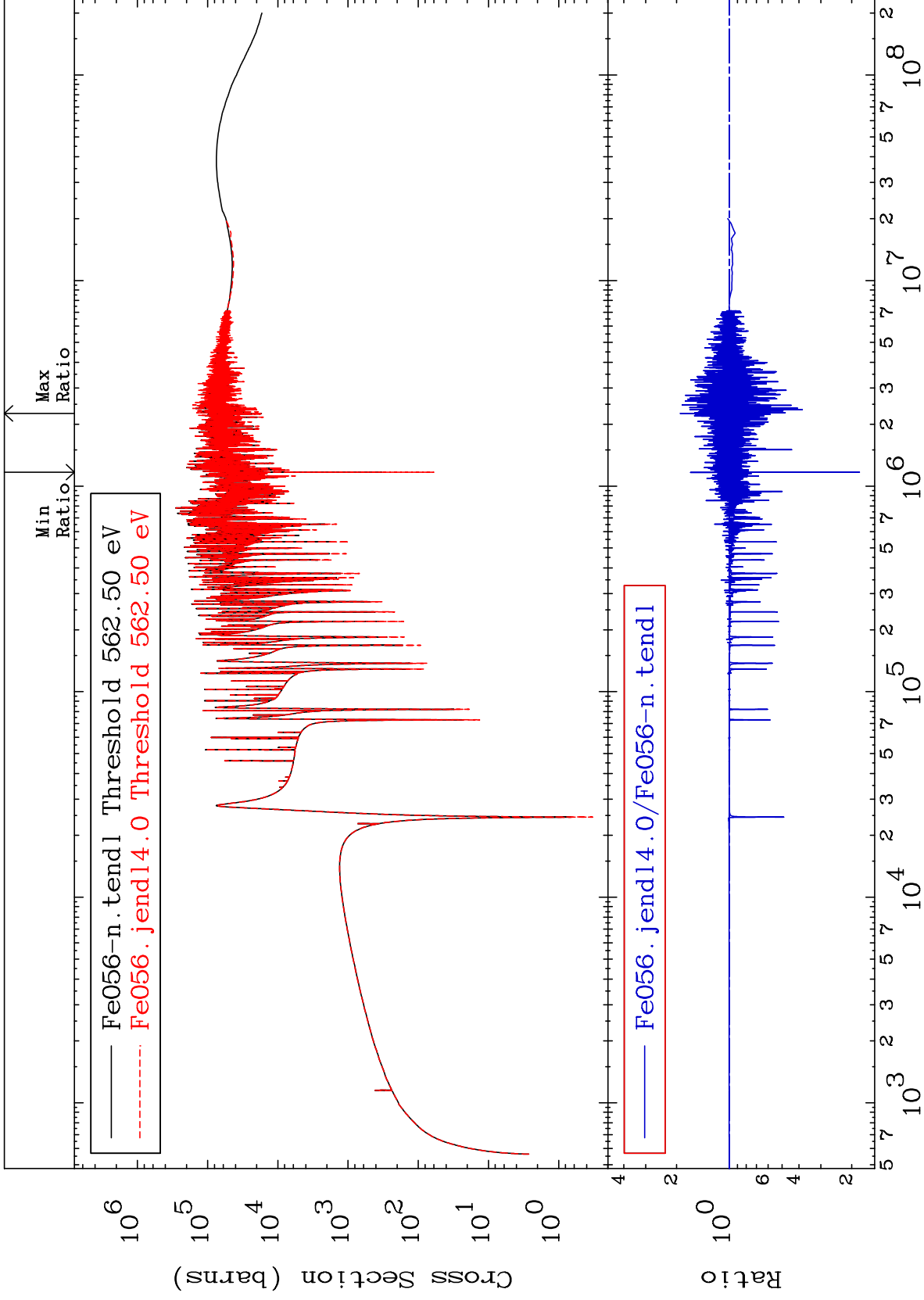


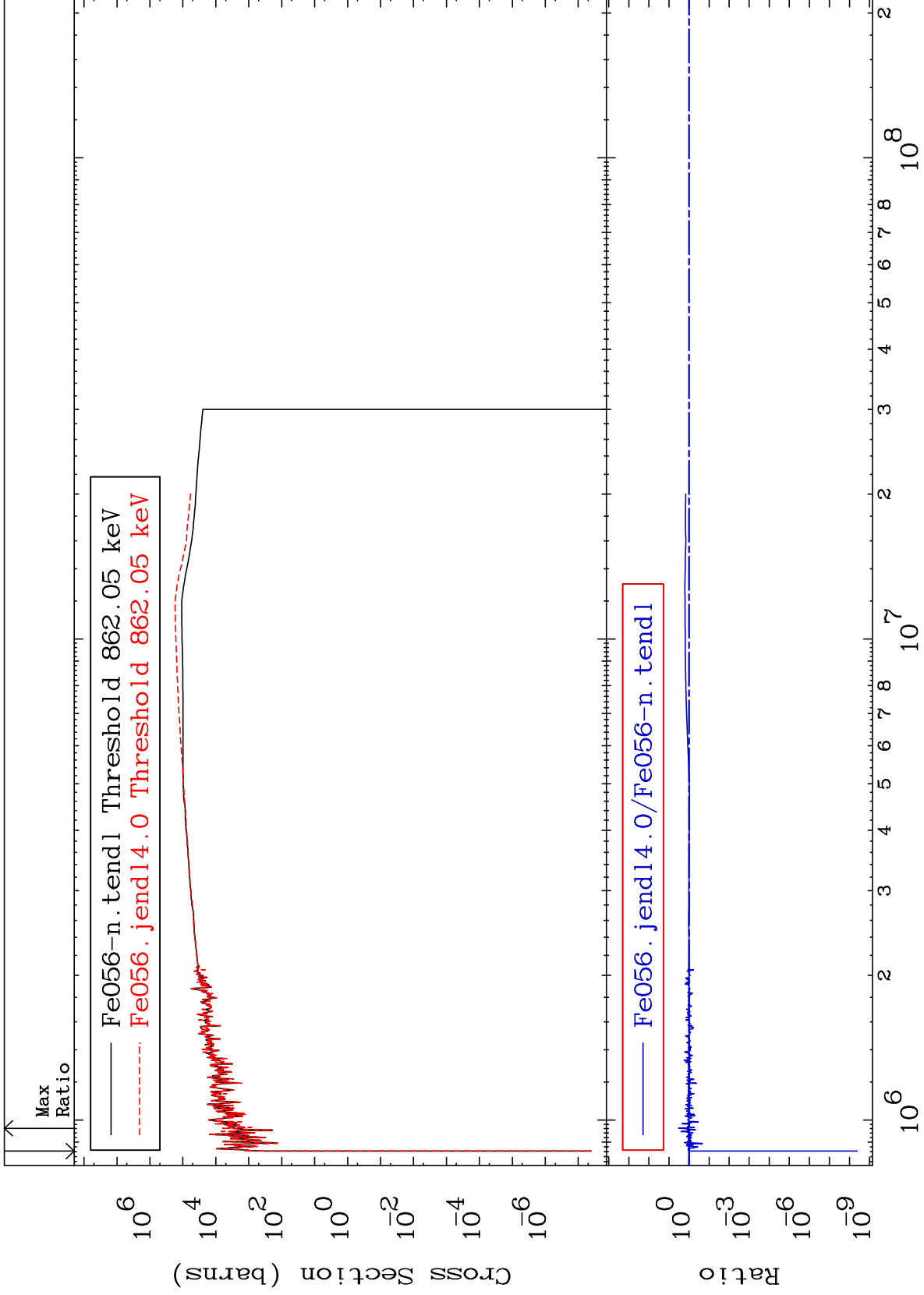
48

Incident Energy (eV)

26-Fe-56



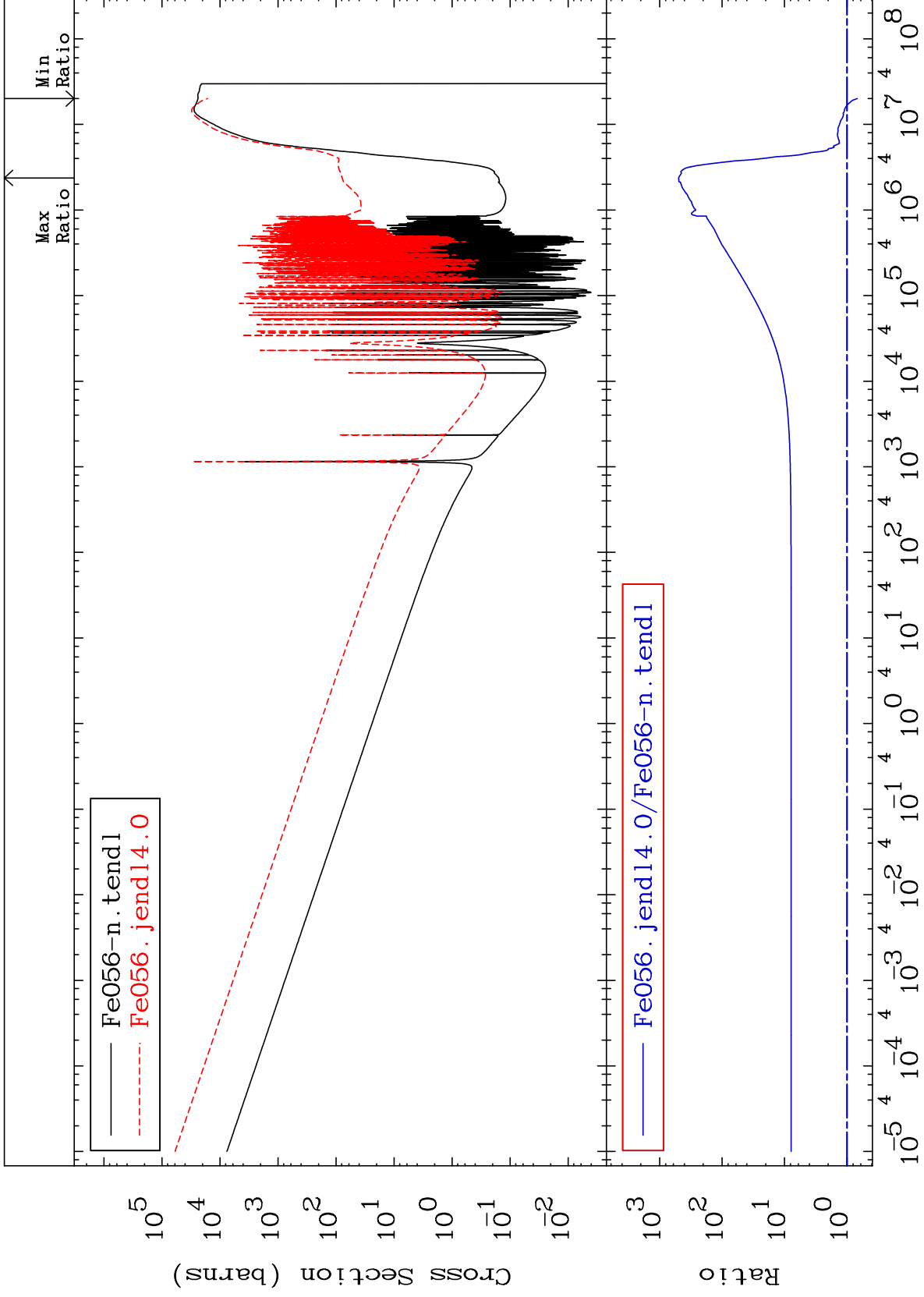




MAT 2631

Dpa disappearance (mt102 -120)  
Cross Section

26-Fe-56  
-31.48 To 9999. %



51

Incident Energy (eV)

26-Fe-56