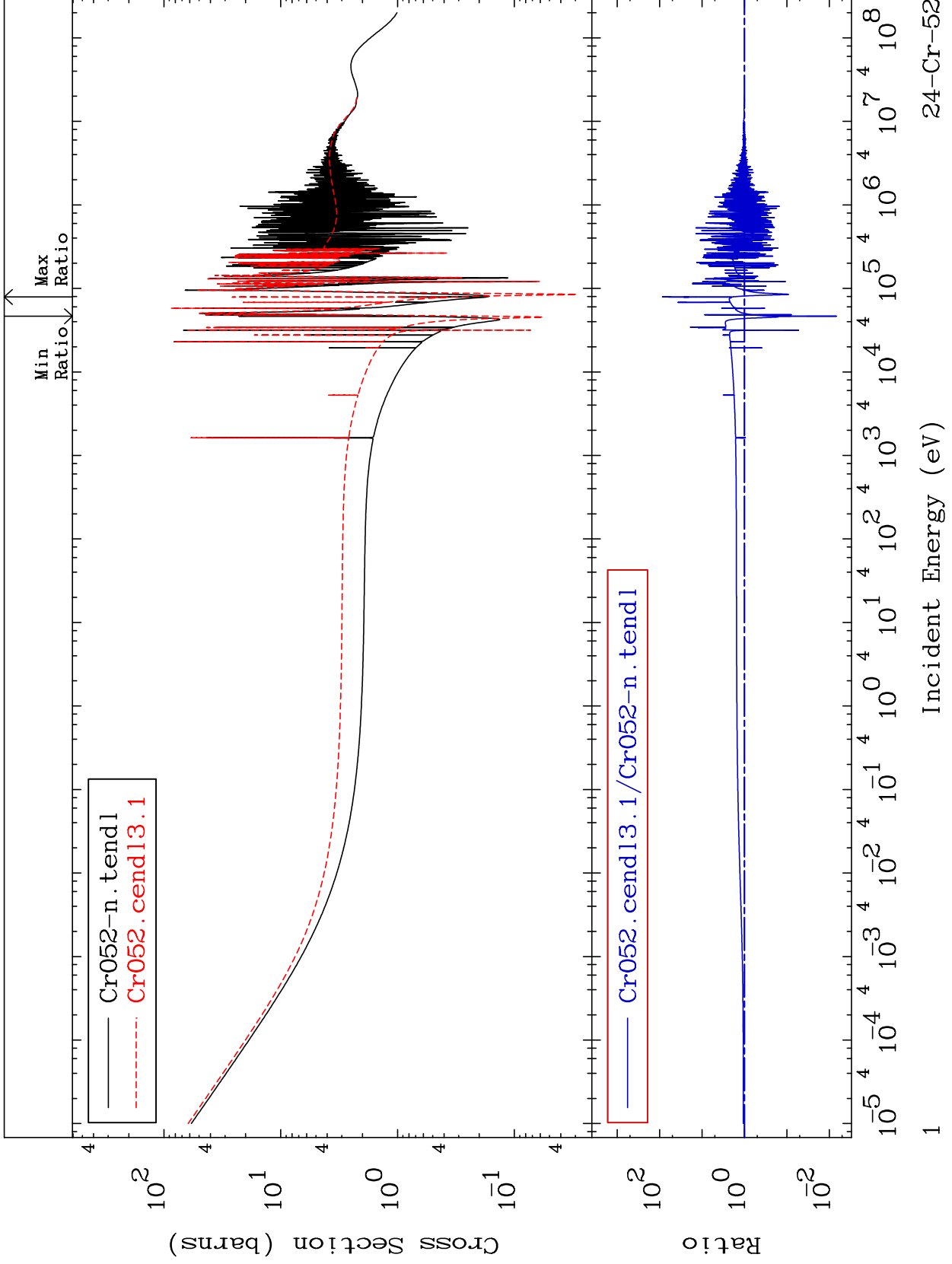


MAT 2431

Total  
Cross Section

24-Cr-52  
-99.33 To 8542. %

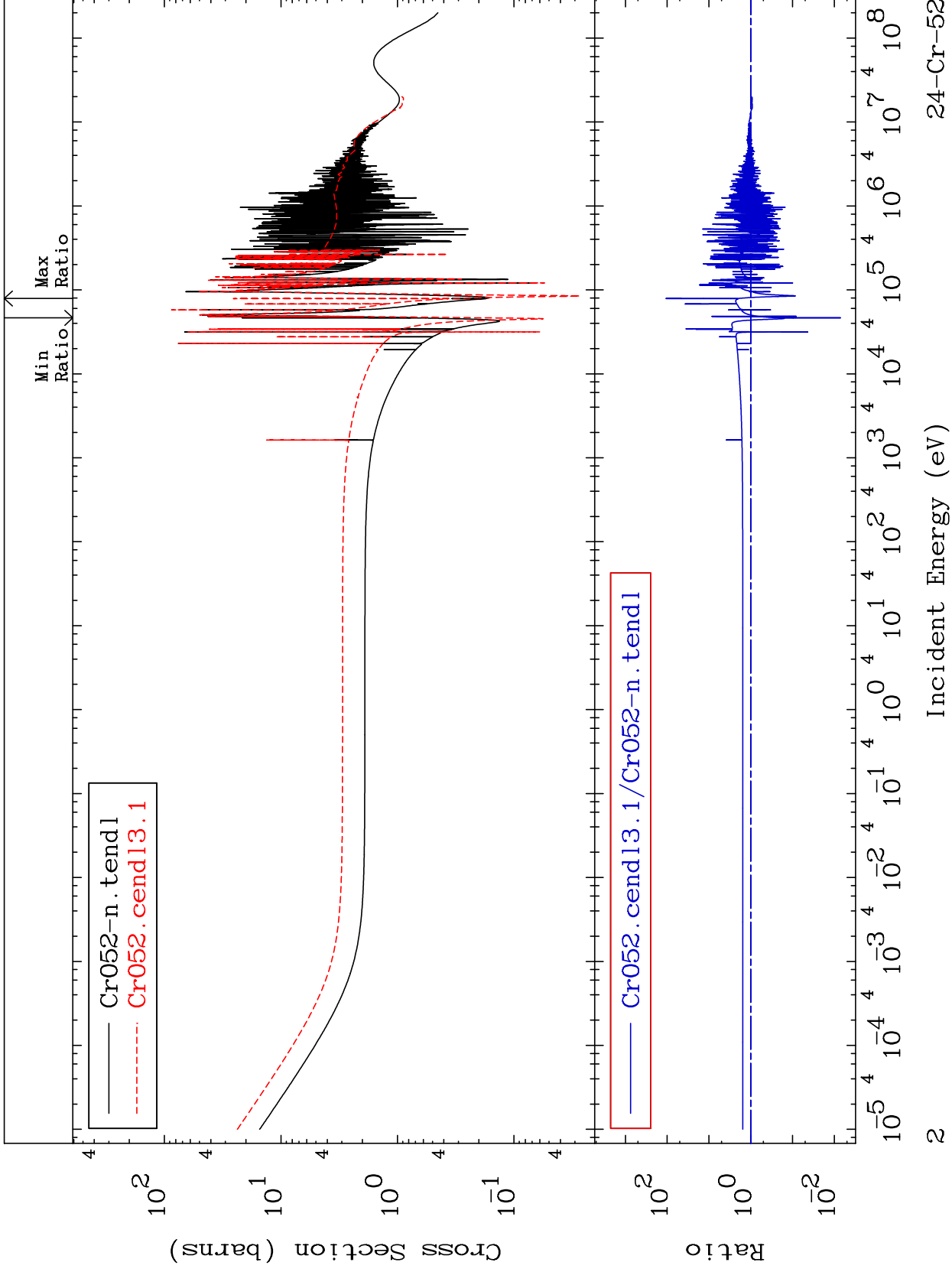


24-Cr-52

MAT 2431

Elastic  
Cross Section

24-Cr-52  
-99.30 To 9999. %

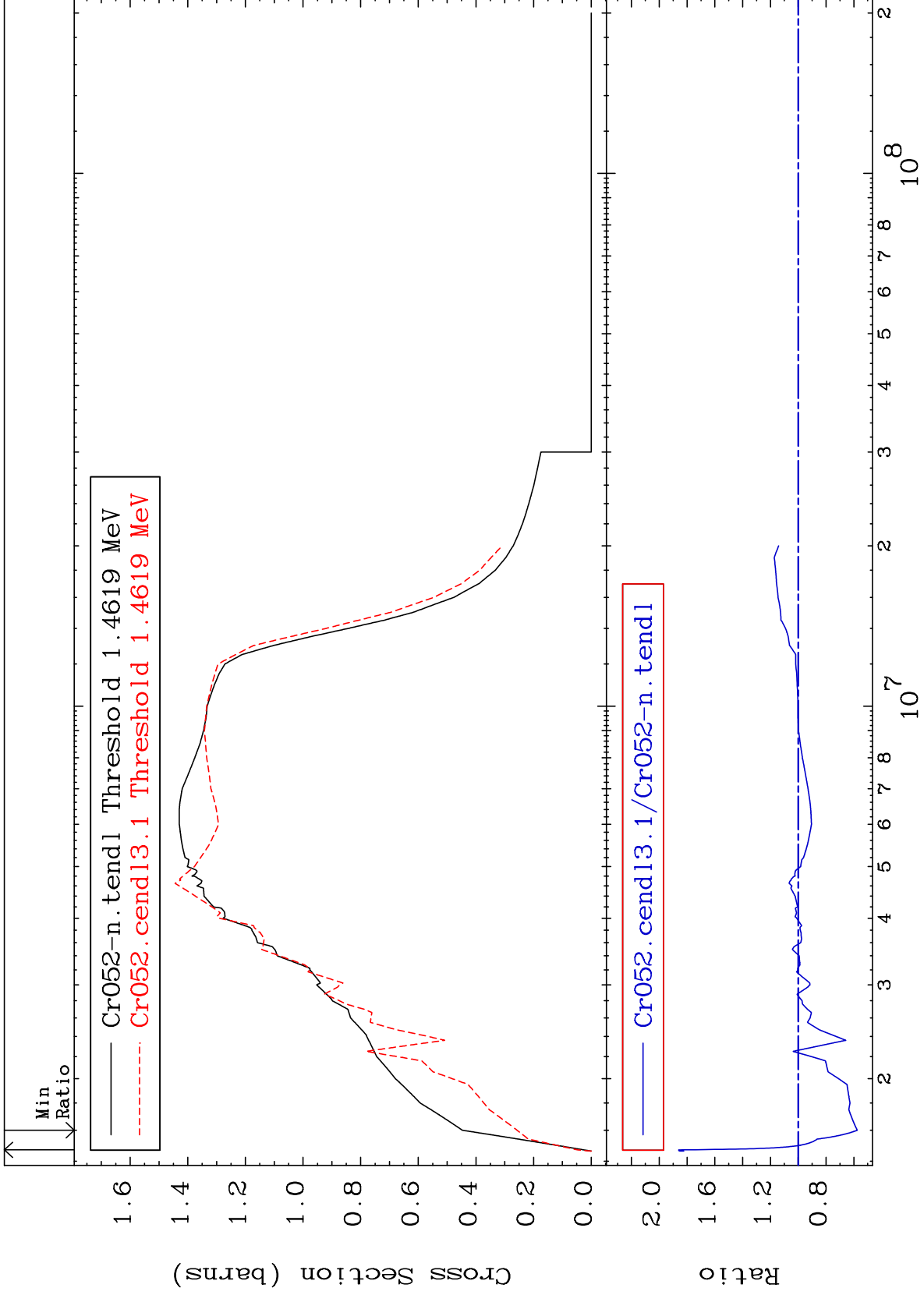


24-Cr-52

MAT 2431

Inelastic  
Cross Section

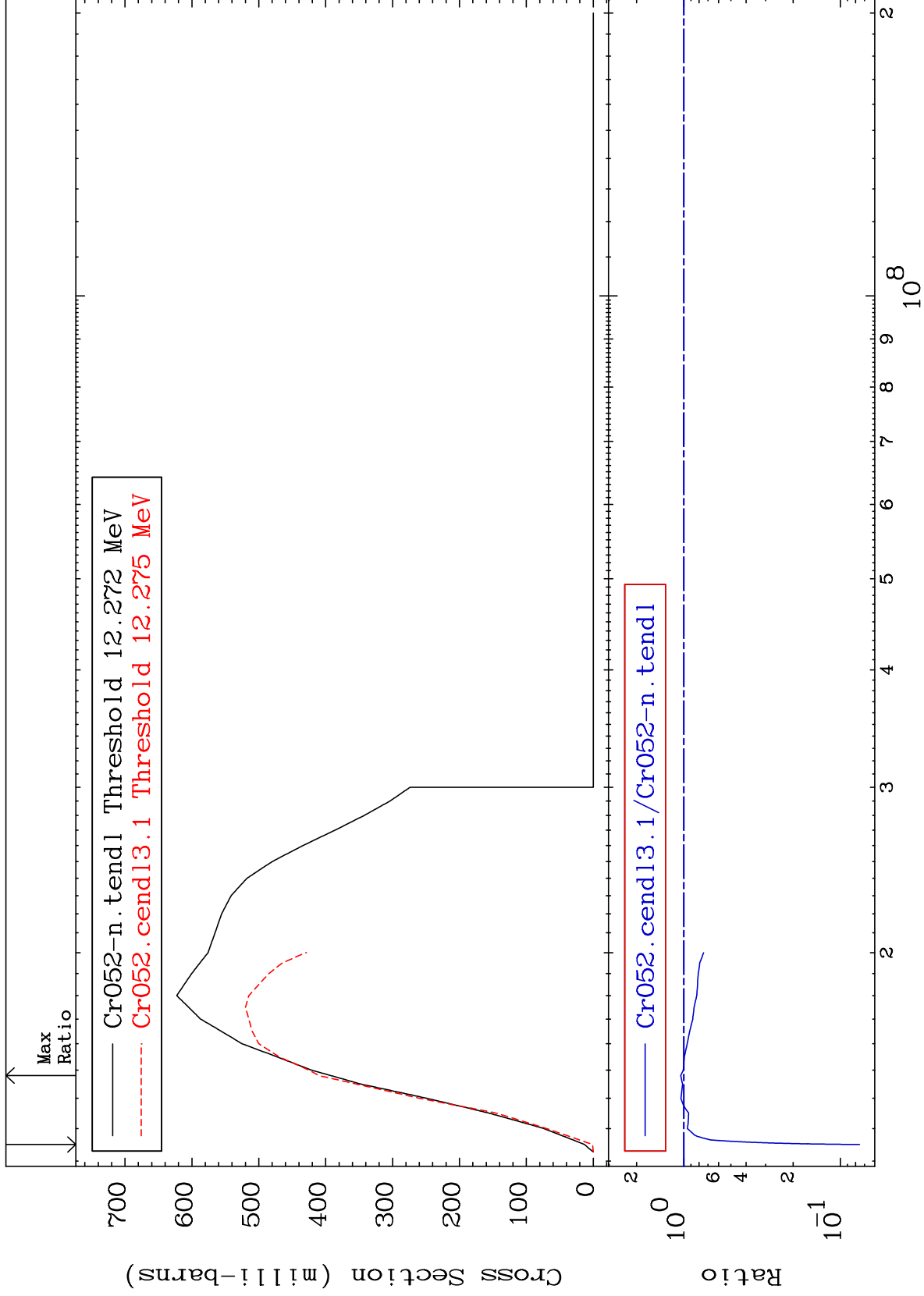
<sup>24</sup>Cr-52  
-42.47 To 86.06 %



MAT 2431

(n,2n)  
Cross Section

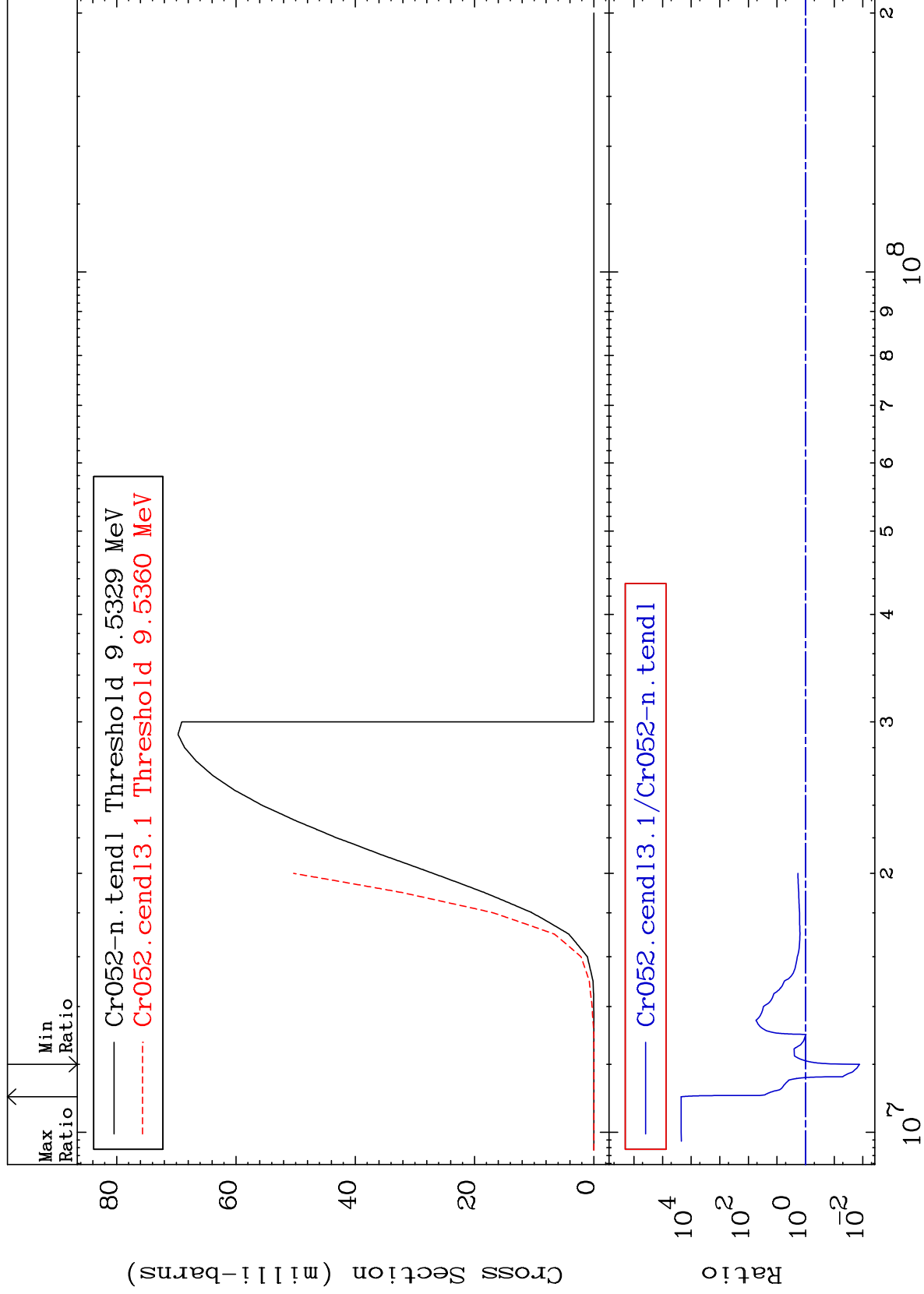
<sup>24</sup>Cr-52  
-92.46 To 4.554 %



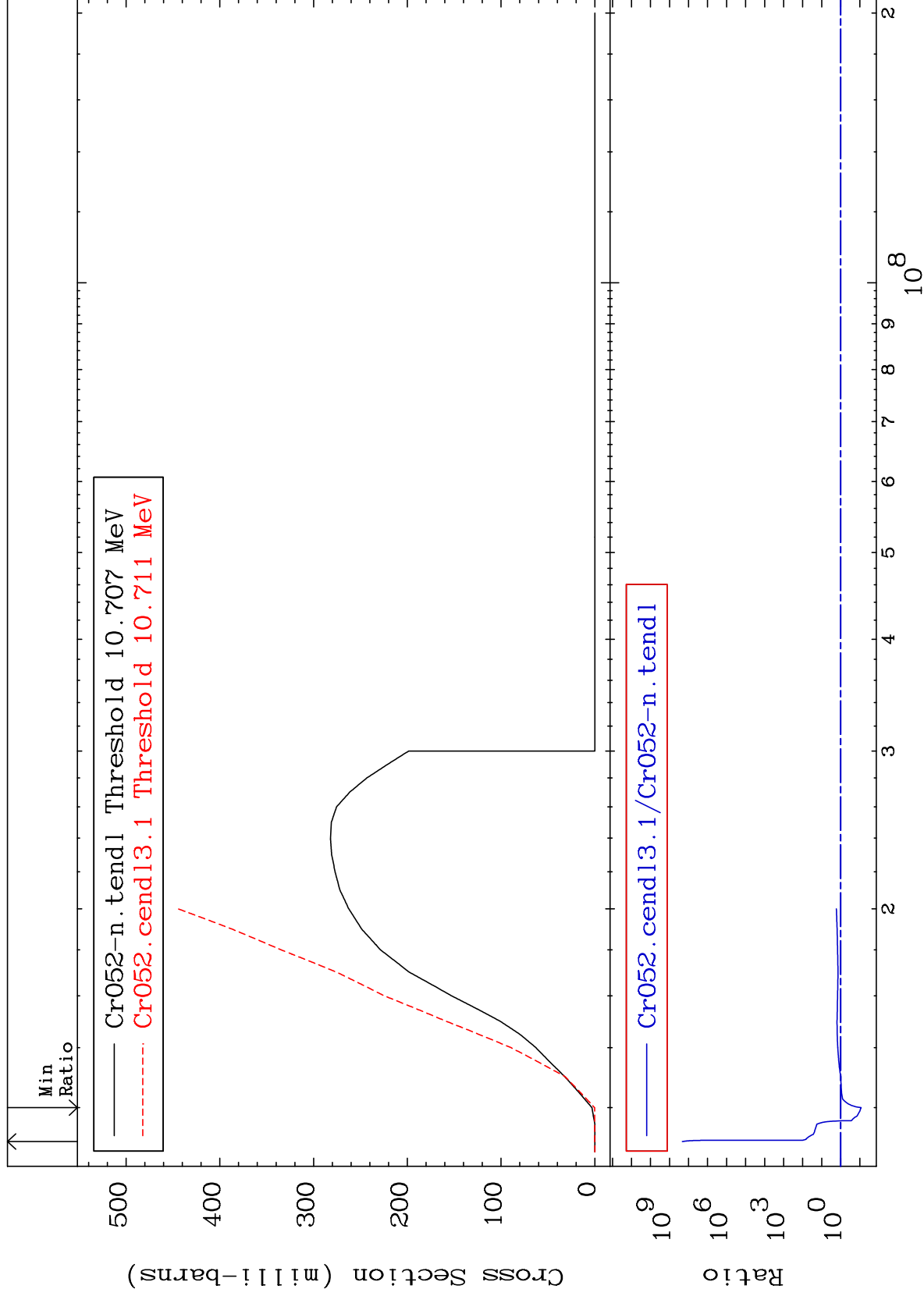
MAT 2431

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

<sup>24</sup>Cr-52  
-98.70 To 9999. %



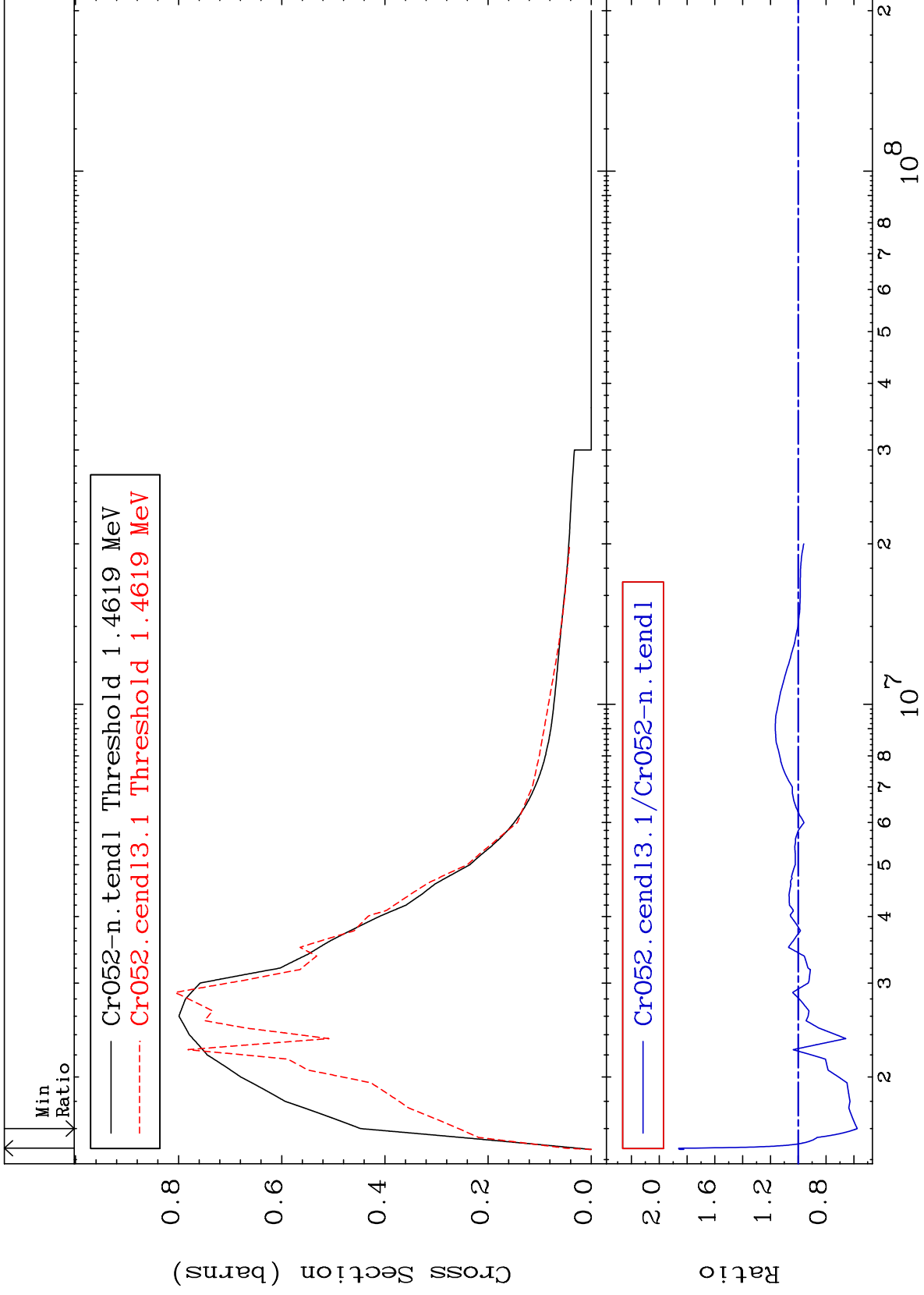
24-Cr-52



MAT 2431

1.434 MeV (n,n') Level  
Cross Section

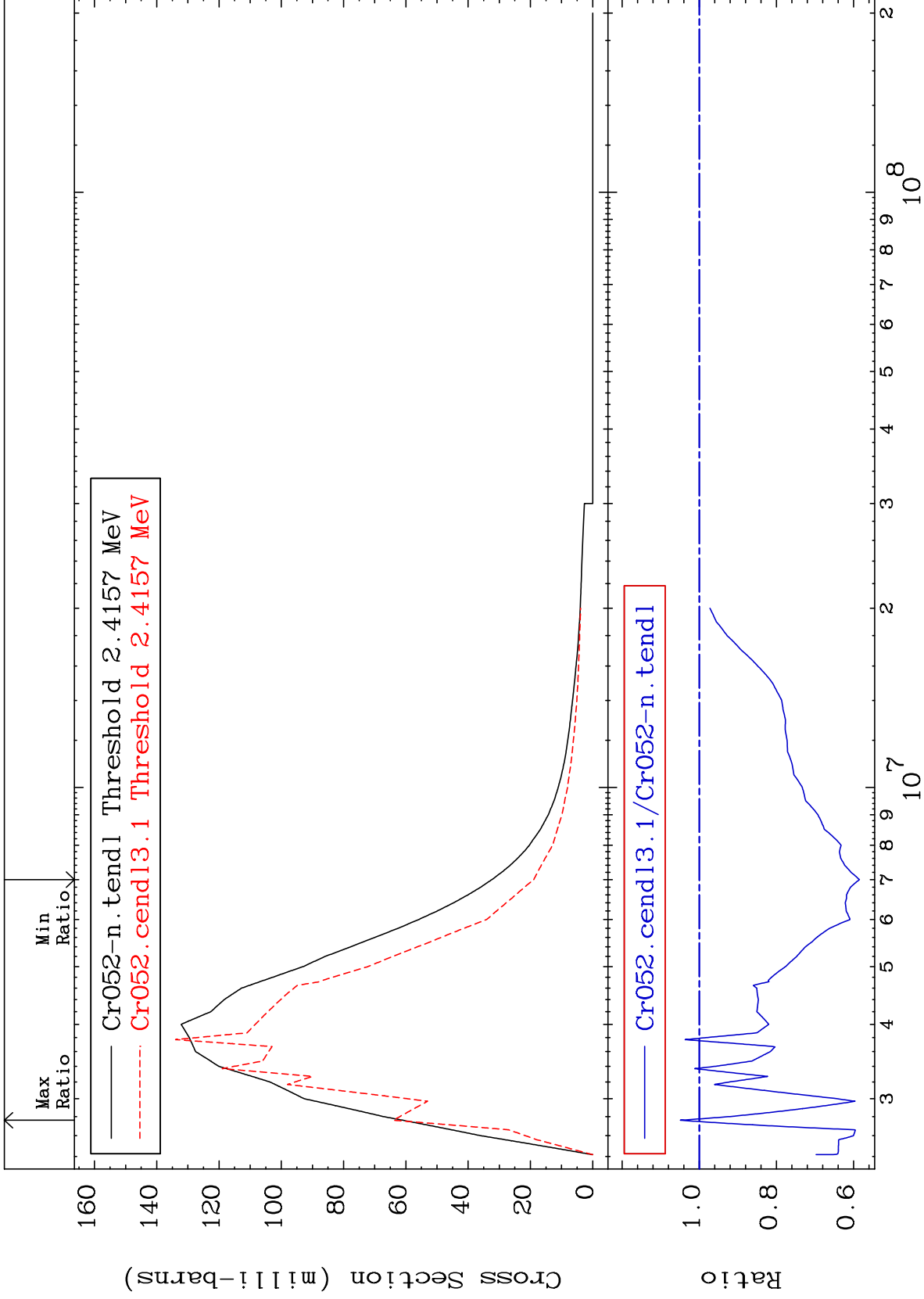
24-Cr-52  
-42.47 To 86.06 %



MAT 2431

2.370 MeV (n,n') Level  
Cross Section

24-Cr-52  
-41.52 To 4.904 %



8

Incident Energy (eV)

24-Cr-52

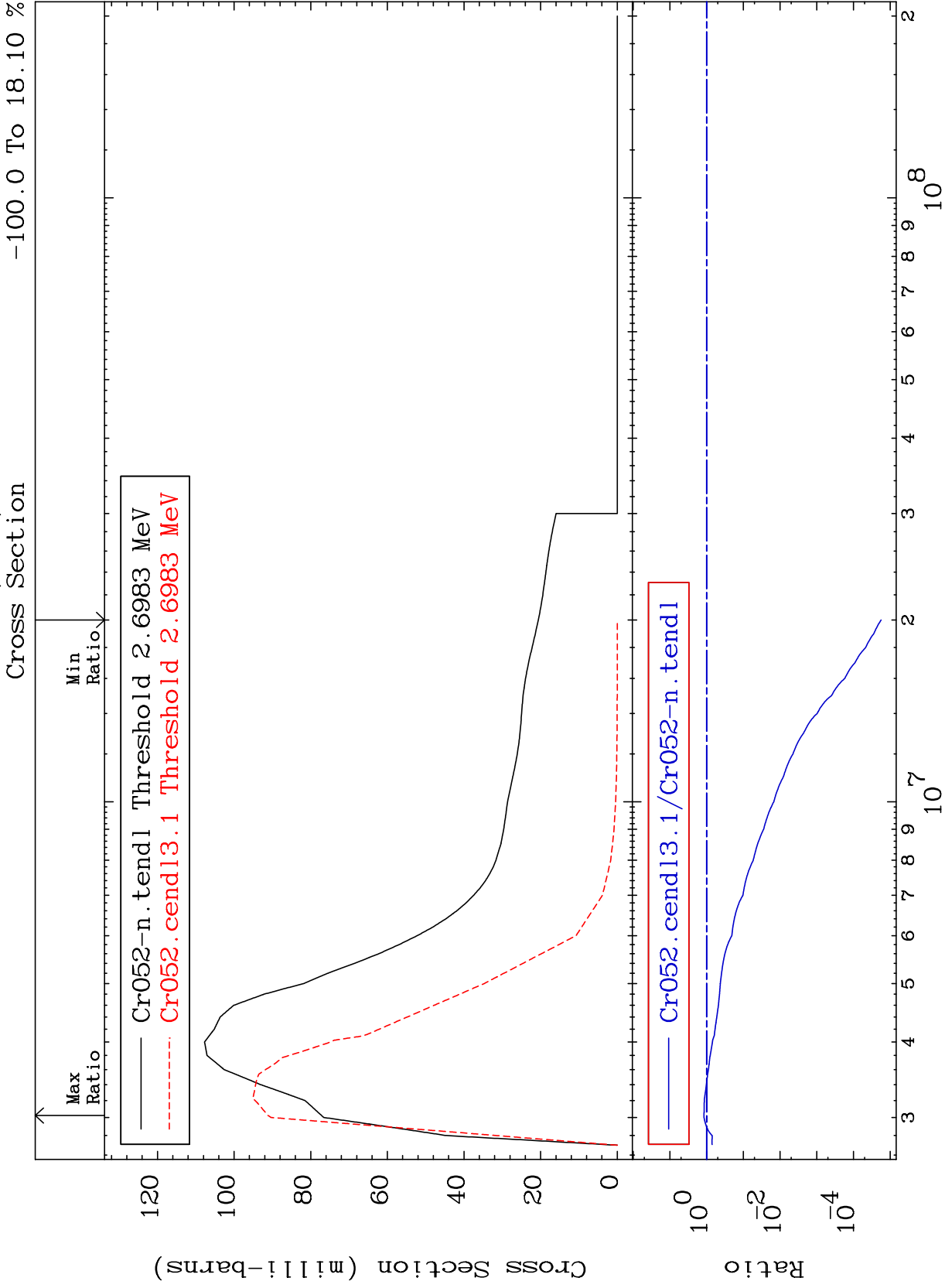


MAT 2431

2.647 MeV (n,n') Level

<sup>24</sup>Cr-52

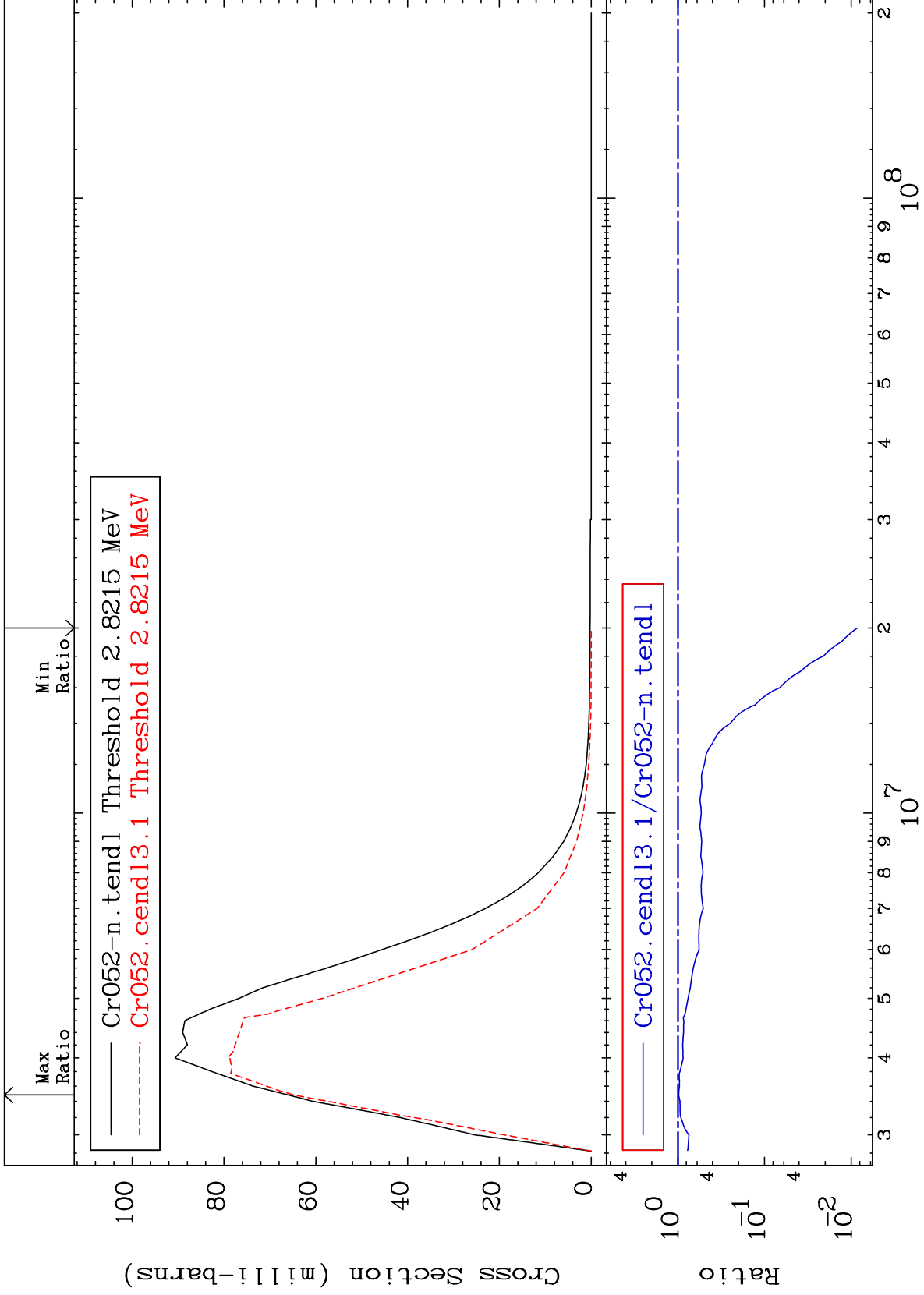
-100.0 To 18.10 %



MAT 2431

2.768 MeV (n,n') Level  
Cross Section

<sup>24</sup>Cr-52  
-99.15 To -1.968%



10

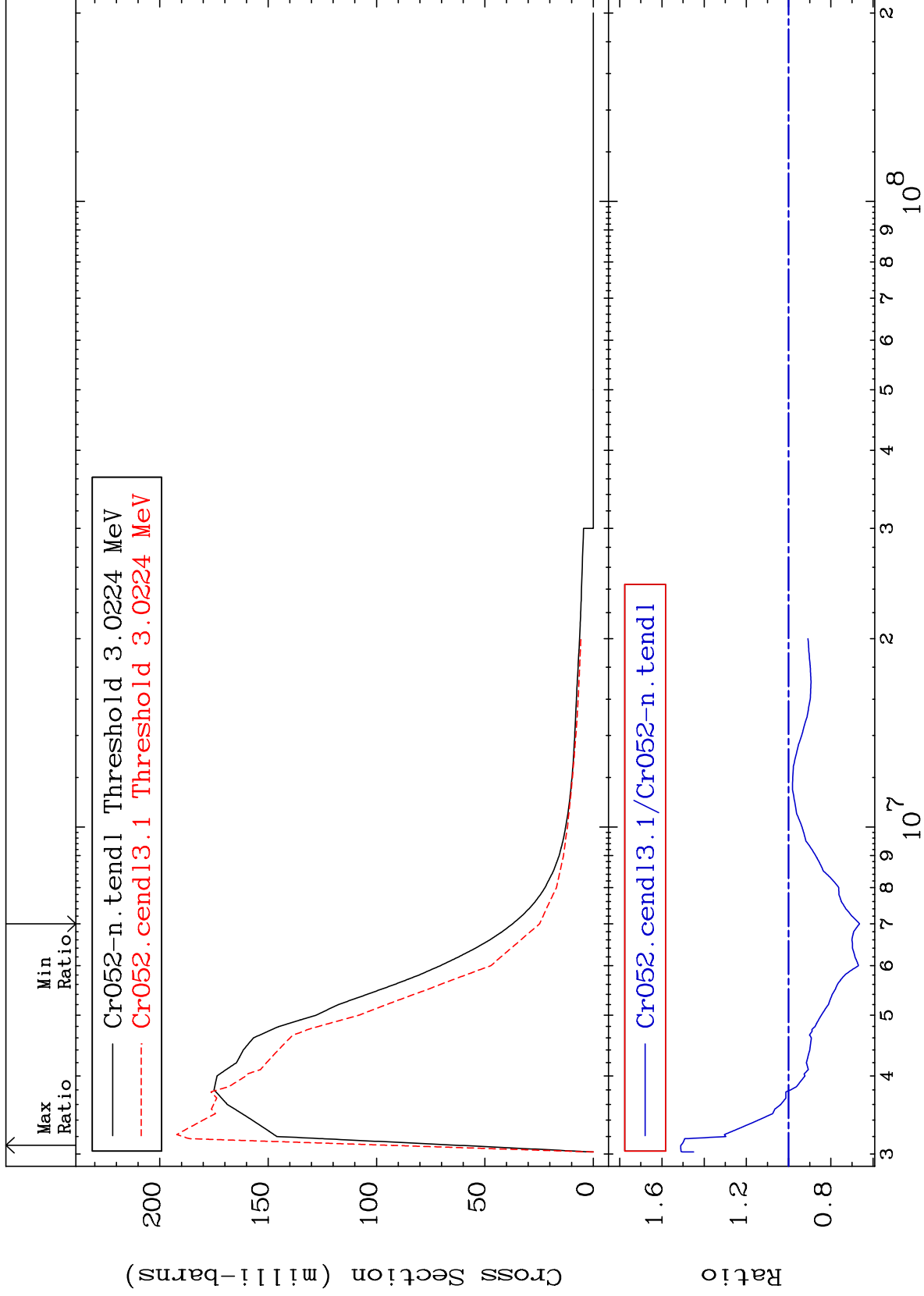
Incident Energy (eV)

<sup>24</sup>Cr-52

MAT 2431

2.965 MeV (n,n') Level  
Cross Section

24-Cr-52  
-33.59 To 51.07 %

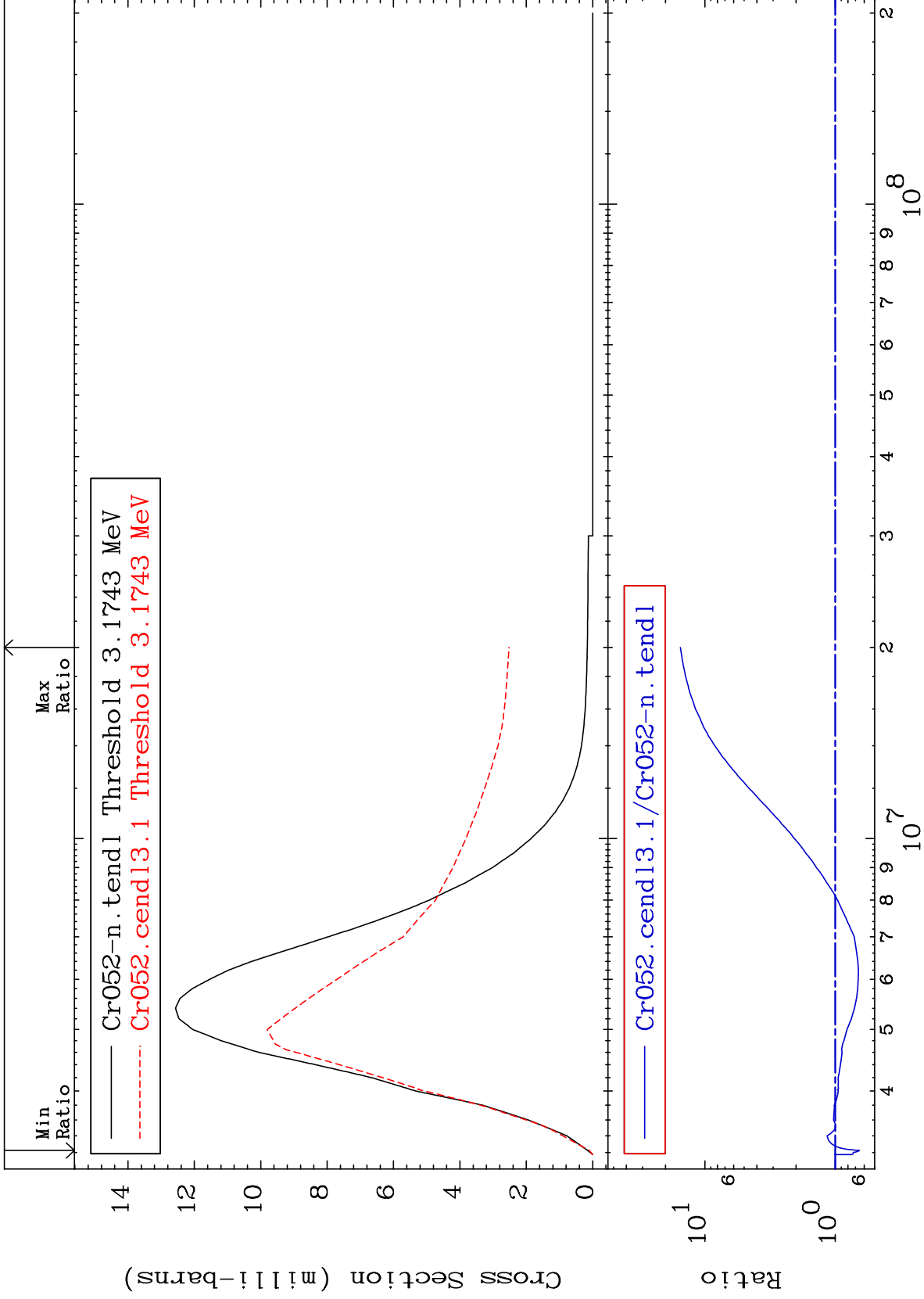


11

MAT 2431

3.114 MeV (n,n') Level  
Cross Section

24-Cr-52  
-34.66 To 1440. %



12

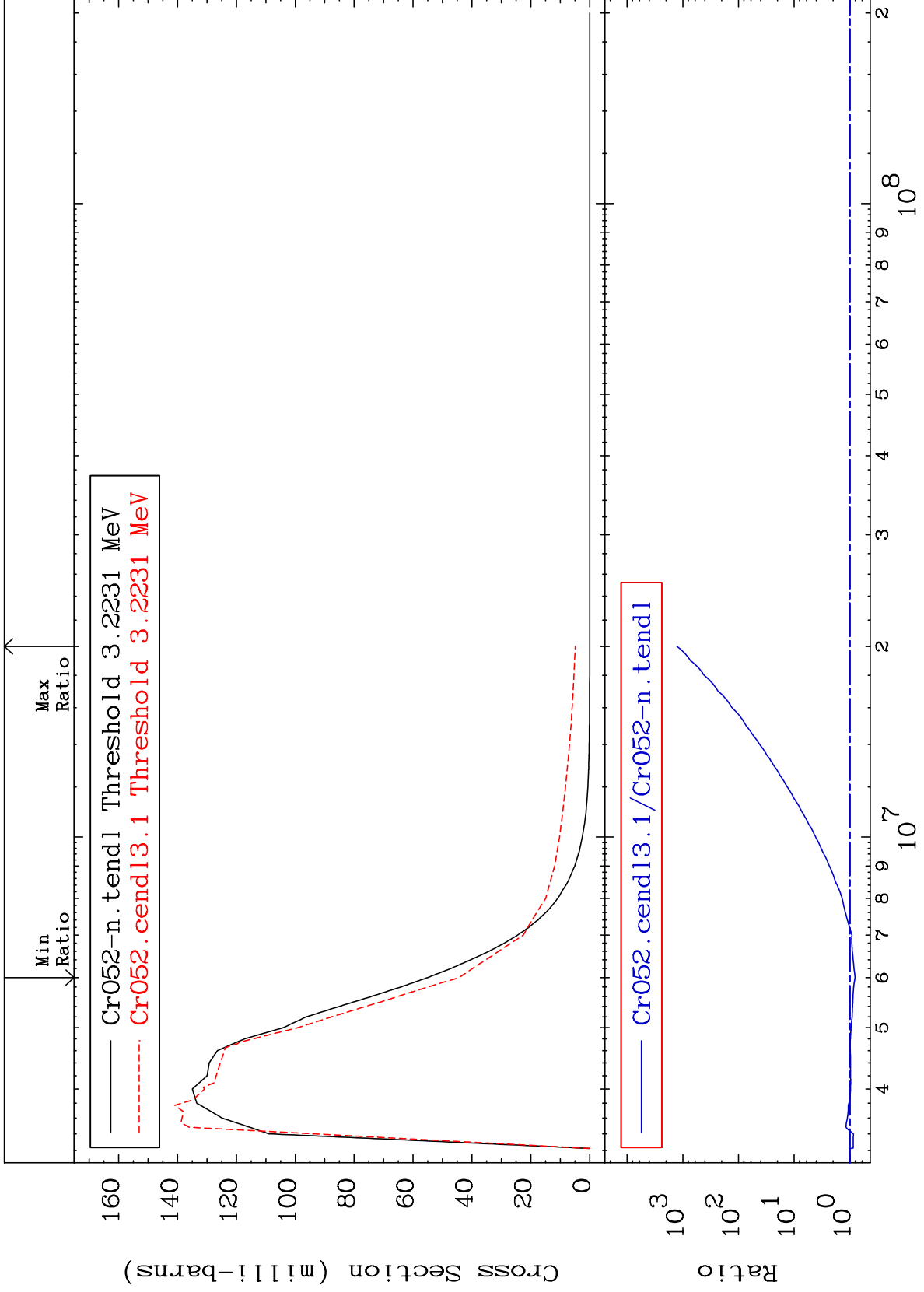
Incident Energy (eV)

24-Cr-52

MAT 2431

3.162 MeV (n,n') Level  
Cross Section

24-Cr-52  
-19.41 To 9999. %



13

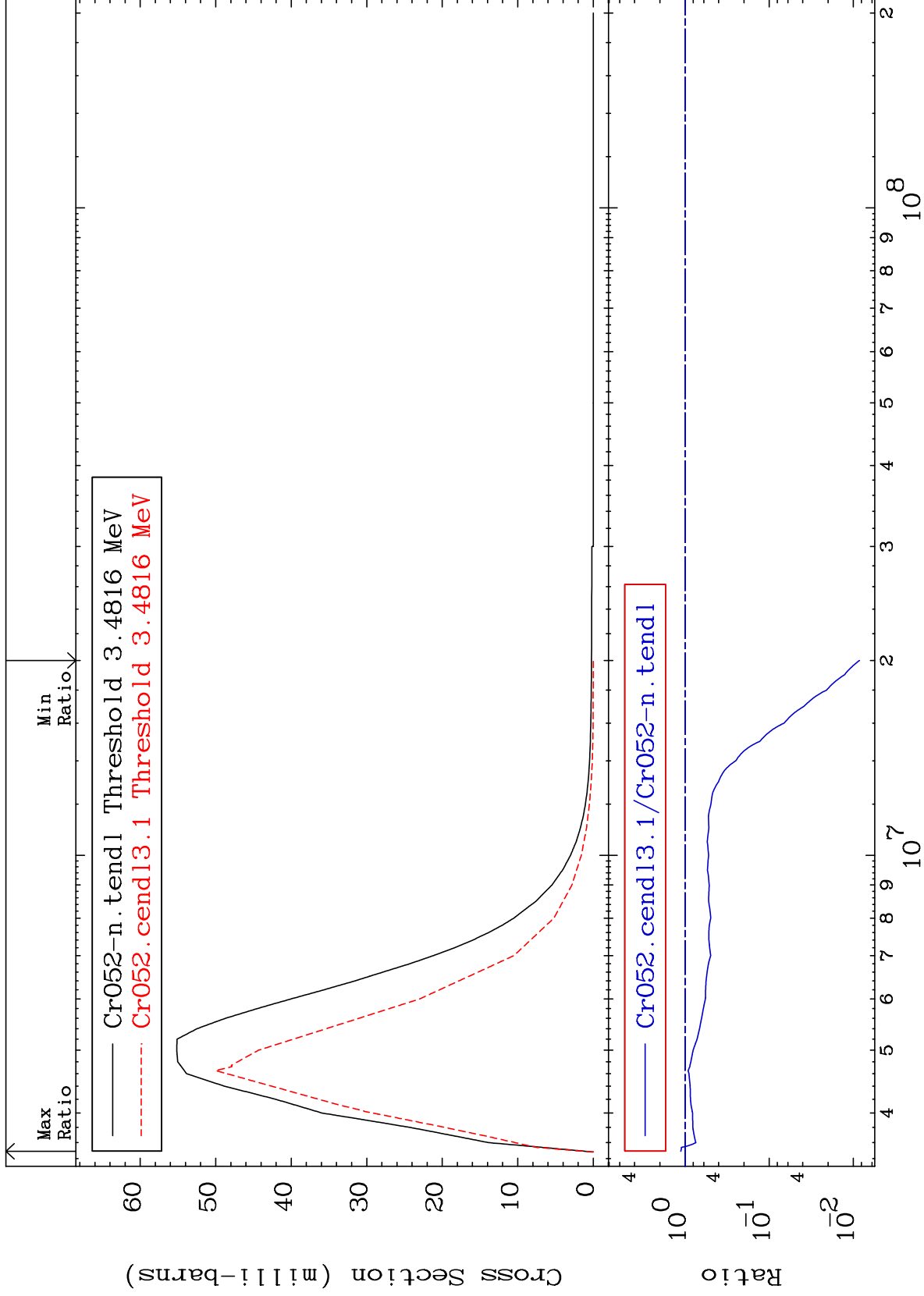
Incident Energy (eV)

24-Cr-52

MAT 2431

3.415 MeV (n,n') Level  
Cross Section

24-Cr-52  
-99.16 To 12.69 %



14

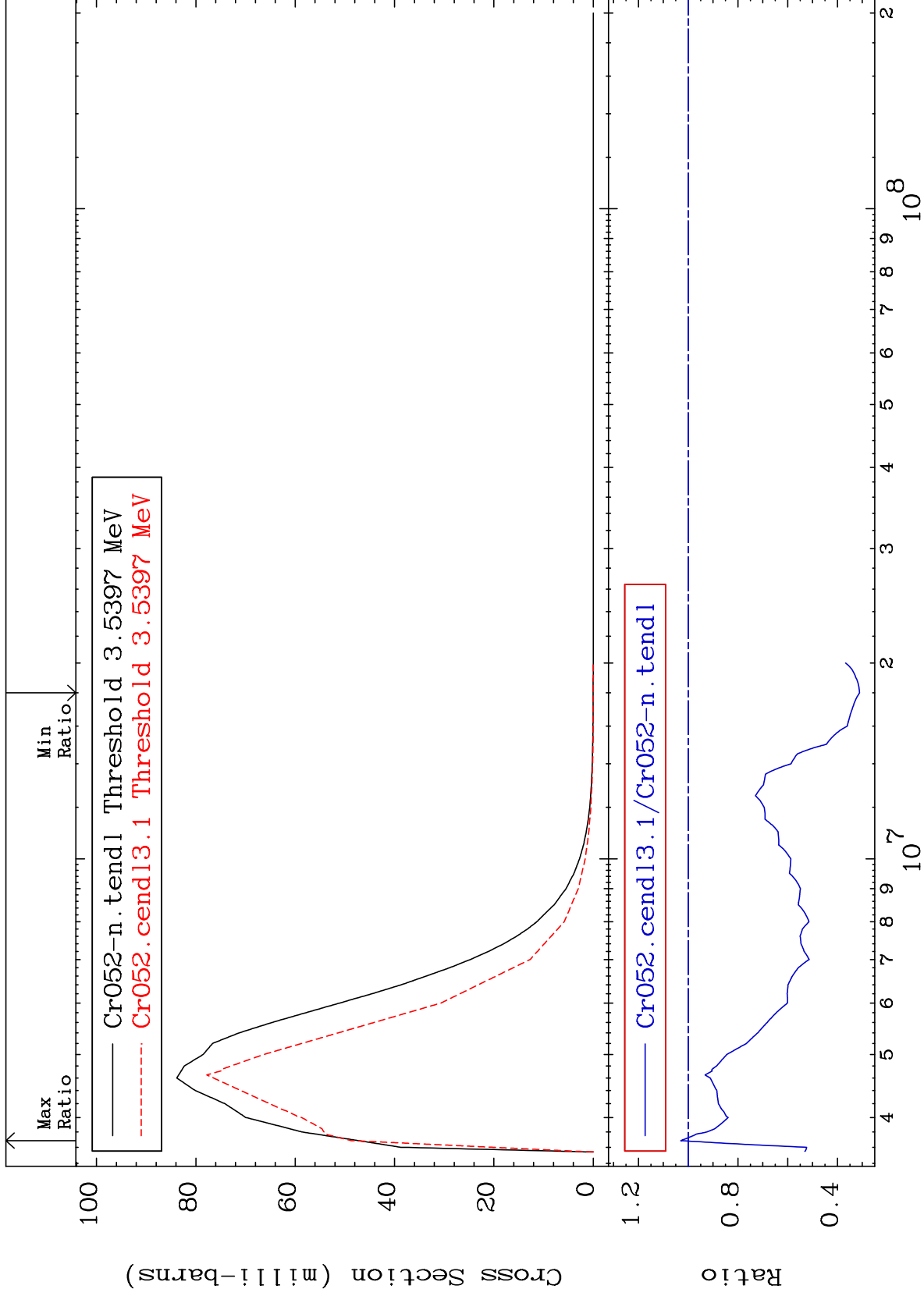
Incident Energy (eV)

24-Cr-52

MAT 2431

3.472 MeV (n,n') Level  
Cross Section

24-Cr-52  
-68.88 To 2.992 %



15

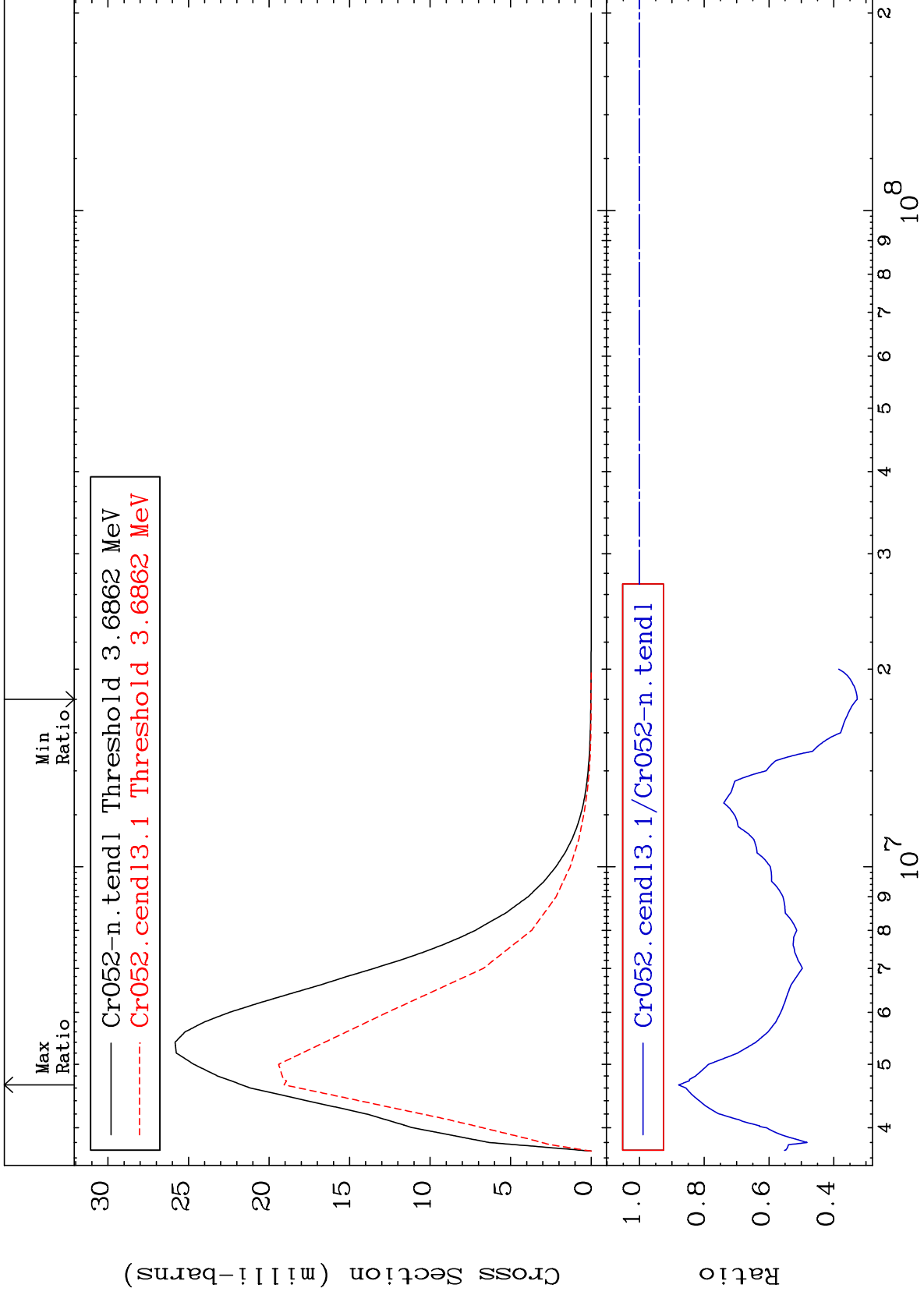
Incident Energy (eV)

24-Cr-52

MAT 2431

3.616 MeV (n,n') Level  
Cross Section

24-Cr-52  
-67.27 To -12.09%



16

Incident Energy (eV)

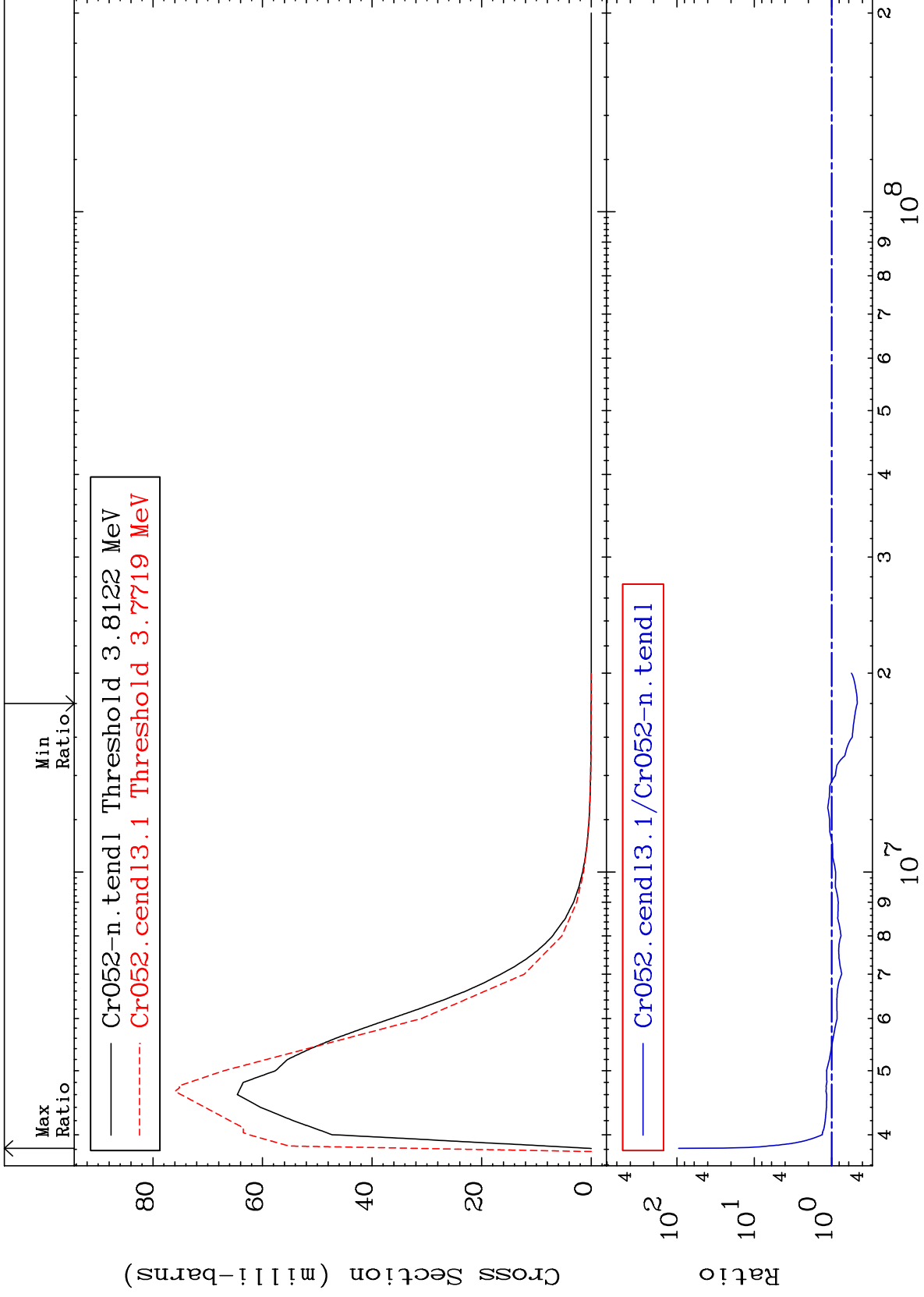
24-Cr-52



MAT 2431

3.740 MeV (n,n') Level  
Cross Section

24-Cr-52  
-53.32 To 9412. %



17

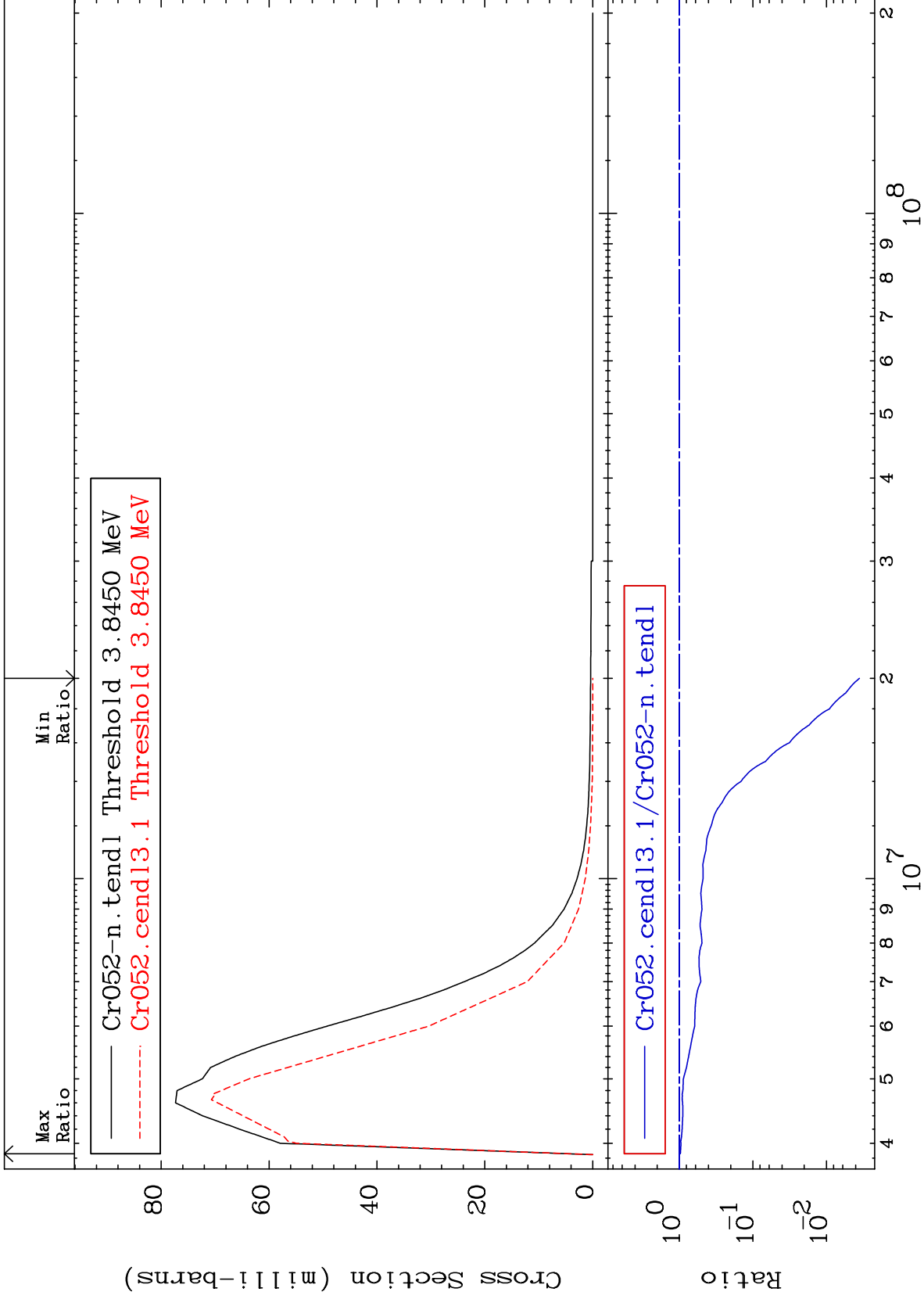
24-Cr-52

24-Cr-52

MAT 2431

3.772 MeV (n,n') Level  
Cross Section

24-Cr-52  
-99.64 To -3.277%



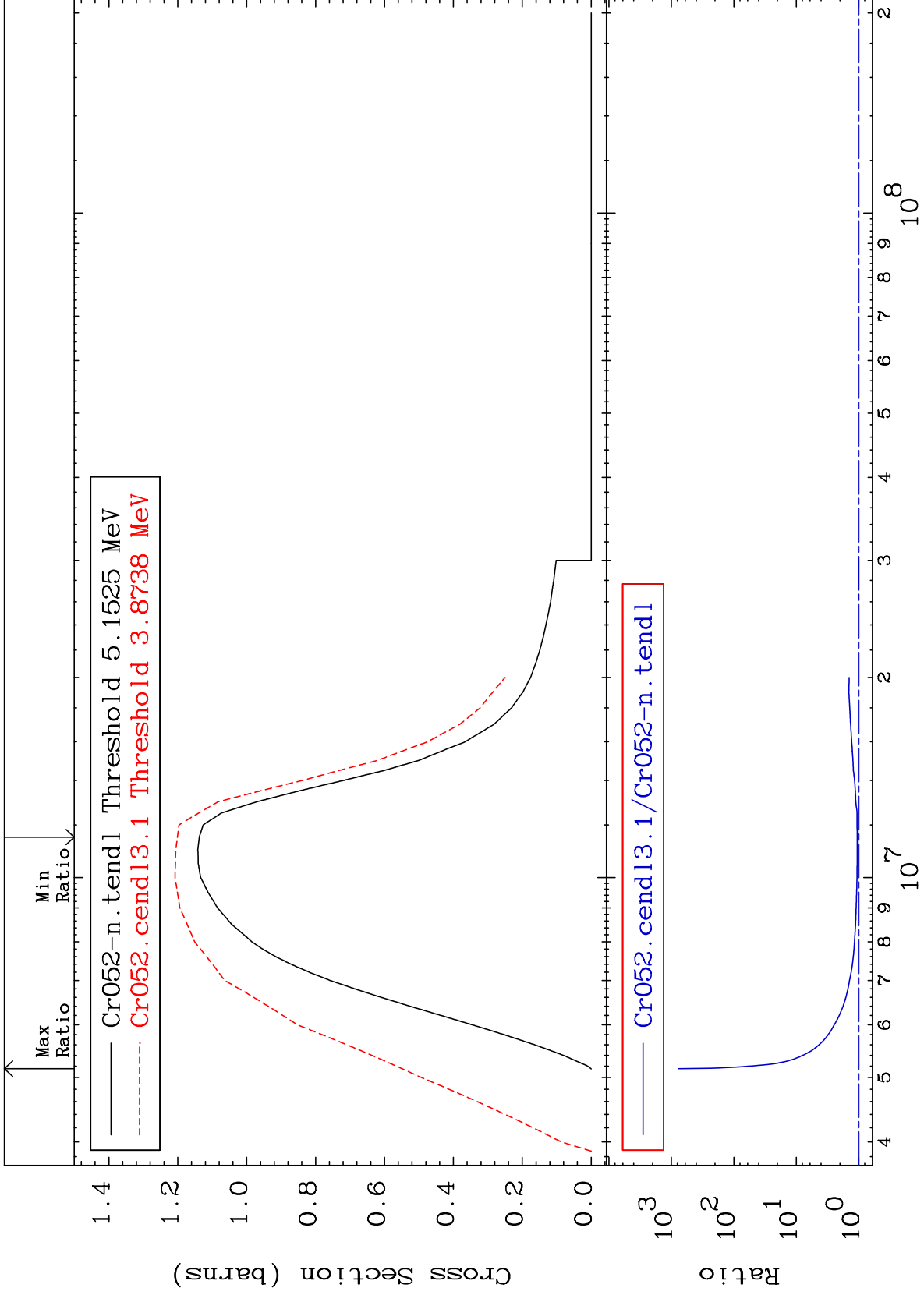
18

24-Cr-52

MAT 2431

(n, n') Continuum  
Cross Section

24-Cr-52  
To 9999. %  
5.569



19

Incident Energy (eV)

24-Cr-52

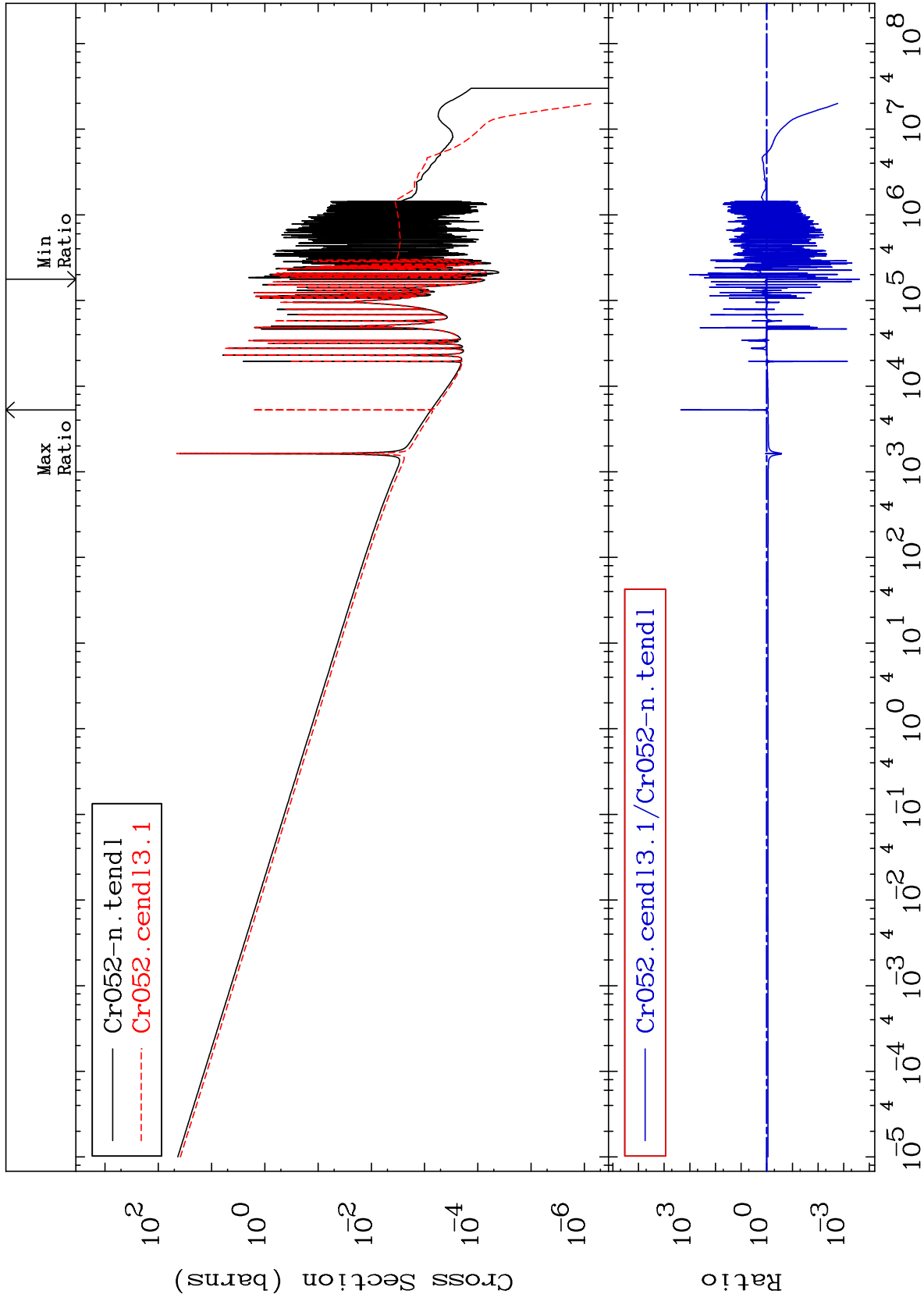
MAT 2431

24-Cr-52

(n,  $\gamma$ )

Cross Section

-99.98 To 9999. %



20

Incident Energy (eV)

24-Cr-52

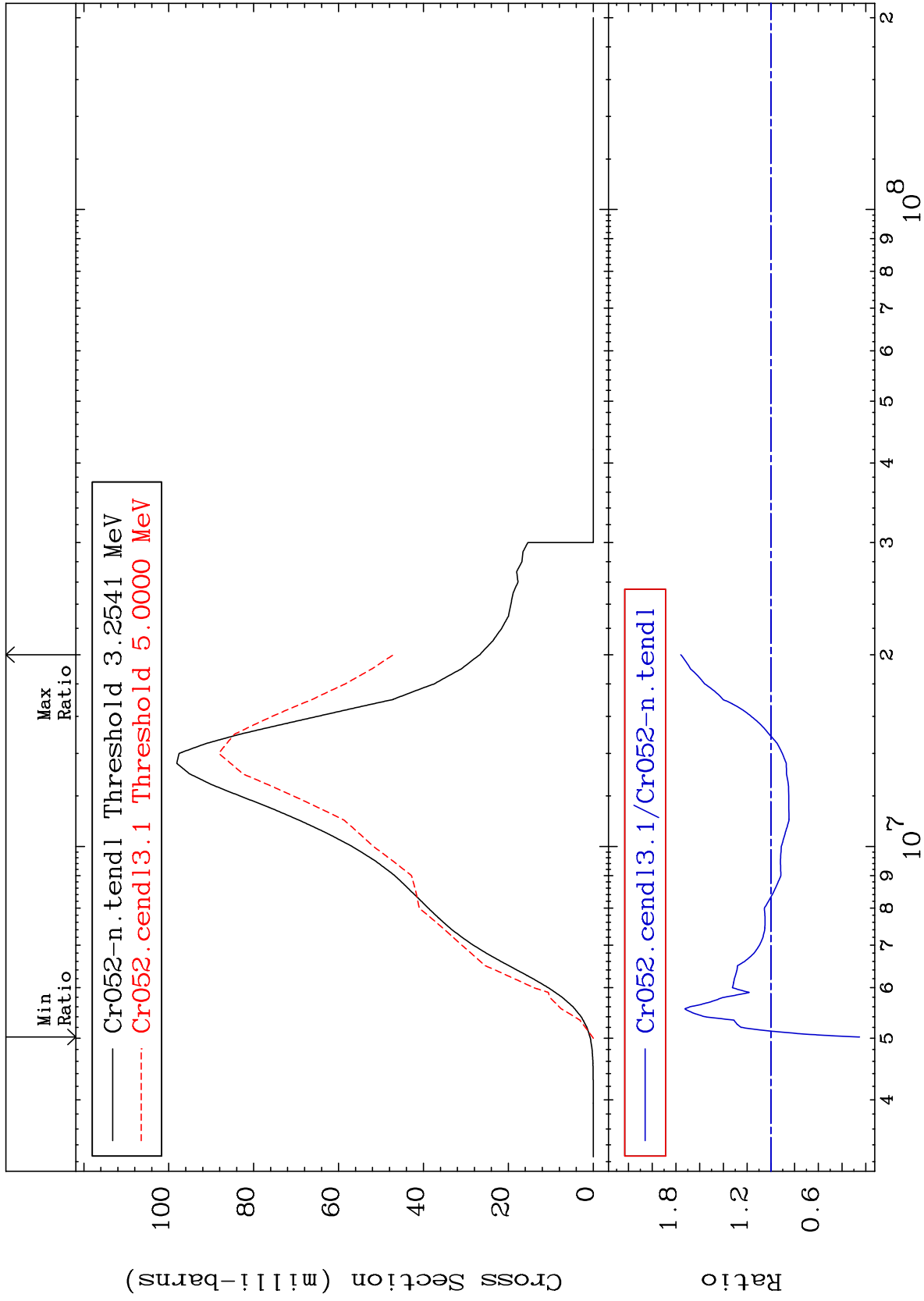
MAT 2431

(n,p)

<sup>24</sup>Cr-52

Cross Section

-74.73 To 75.94 %



21

Incident Energy (eV)

<sup>24</sup>Cr-52

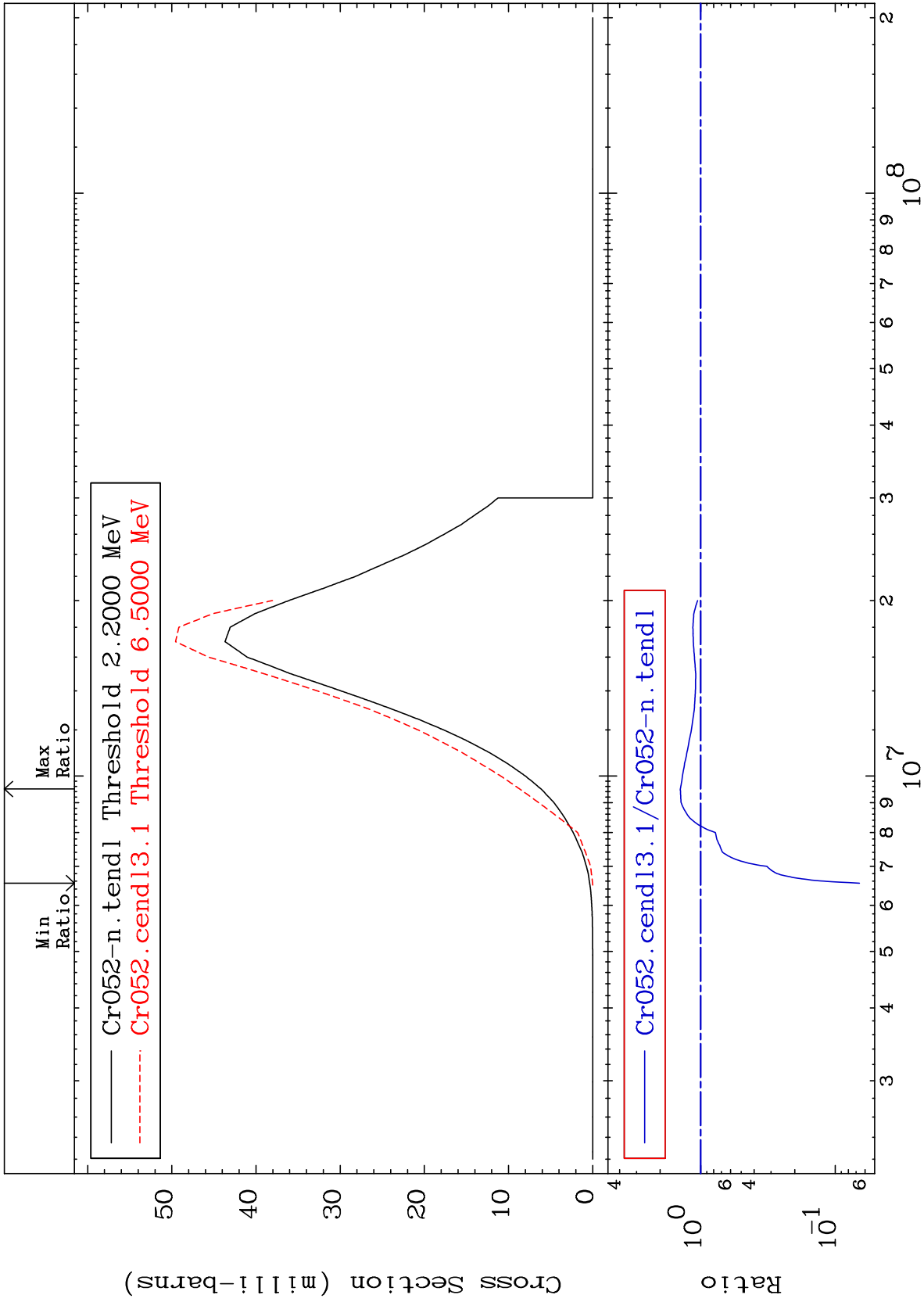
MAT 2431

(n,  $\alpha$ )

<sup>24</sup>Cr-52

Cross Section

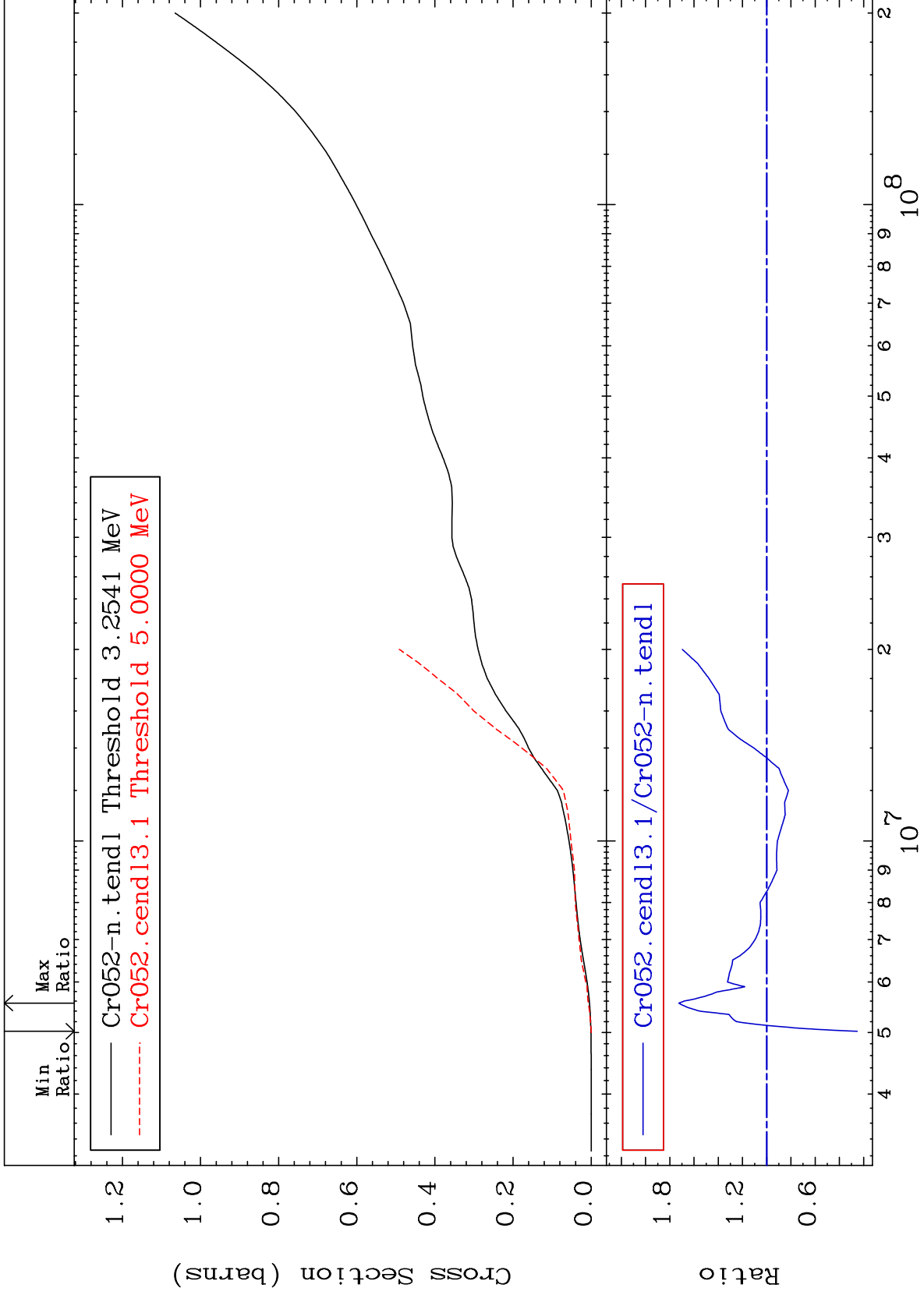
-93.39 To 41.49 %



22

Incident Energy (eV)

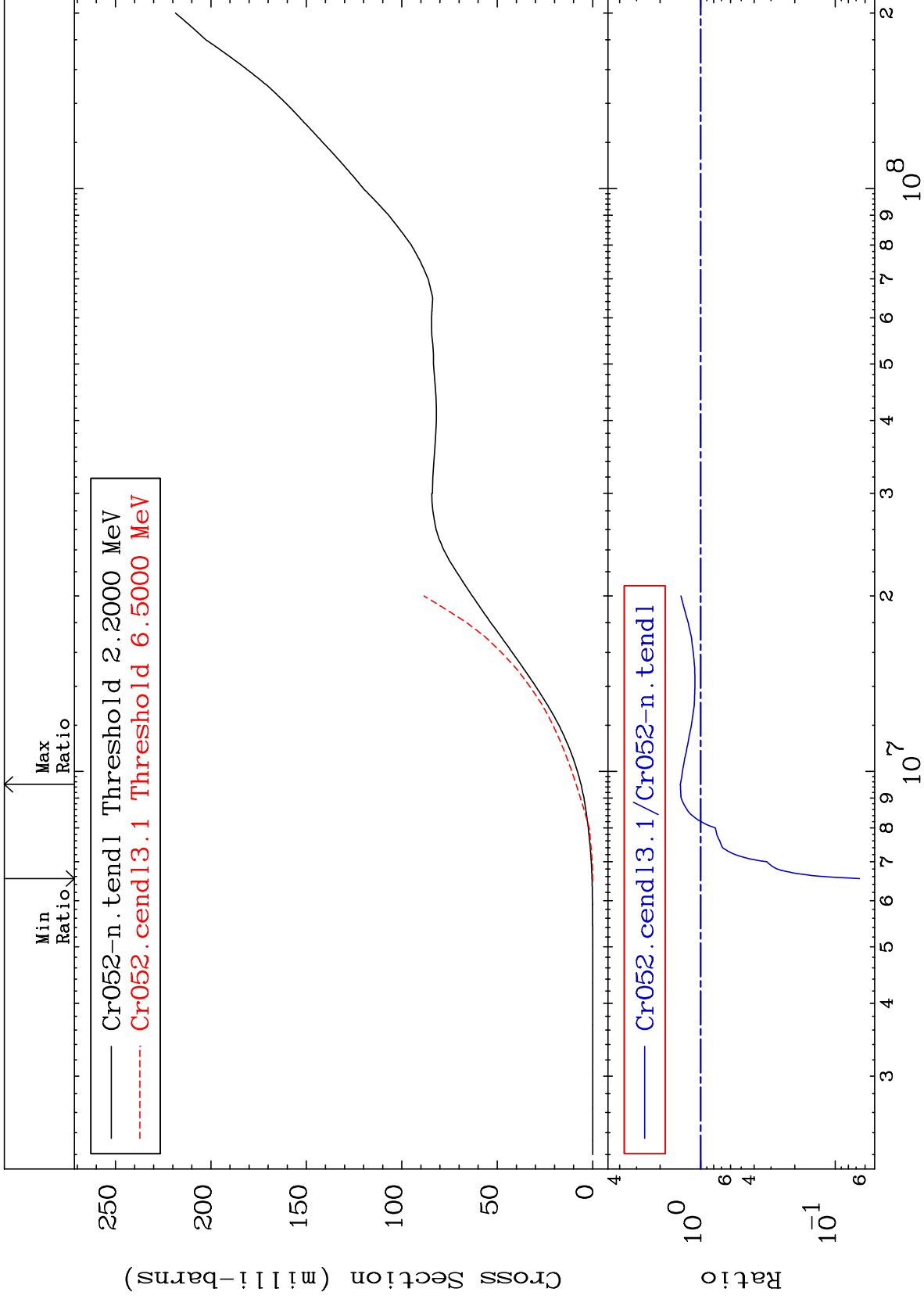
<sup>24</sup>Cr-52



MAT 2431

He-4 Production  
Cross Section

<sup>24</sup>Cr-52  
-93.39 To 41.49 %

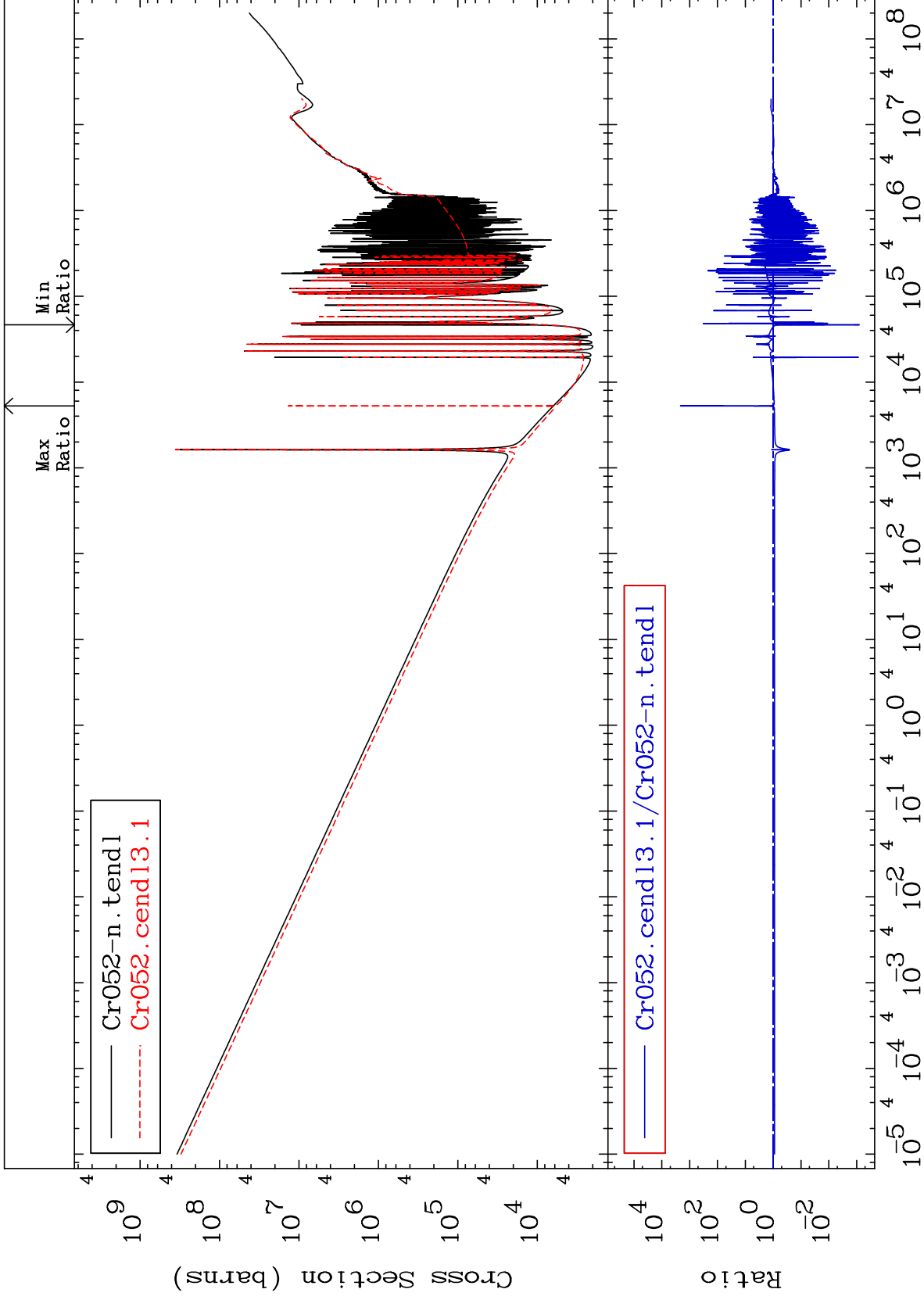


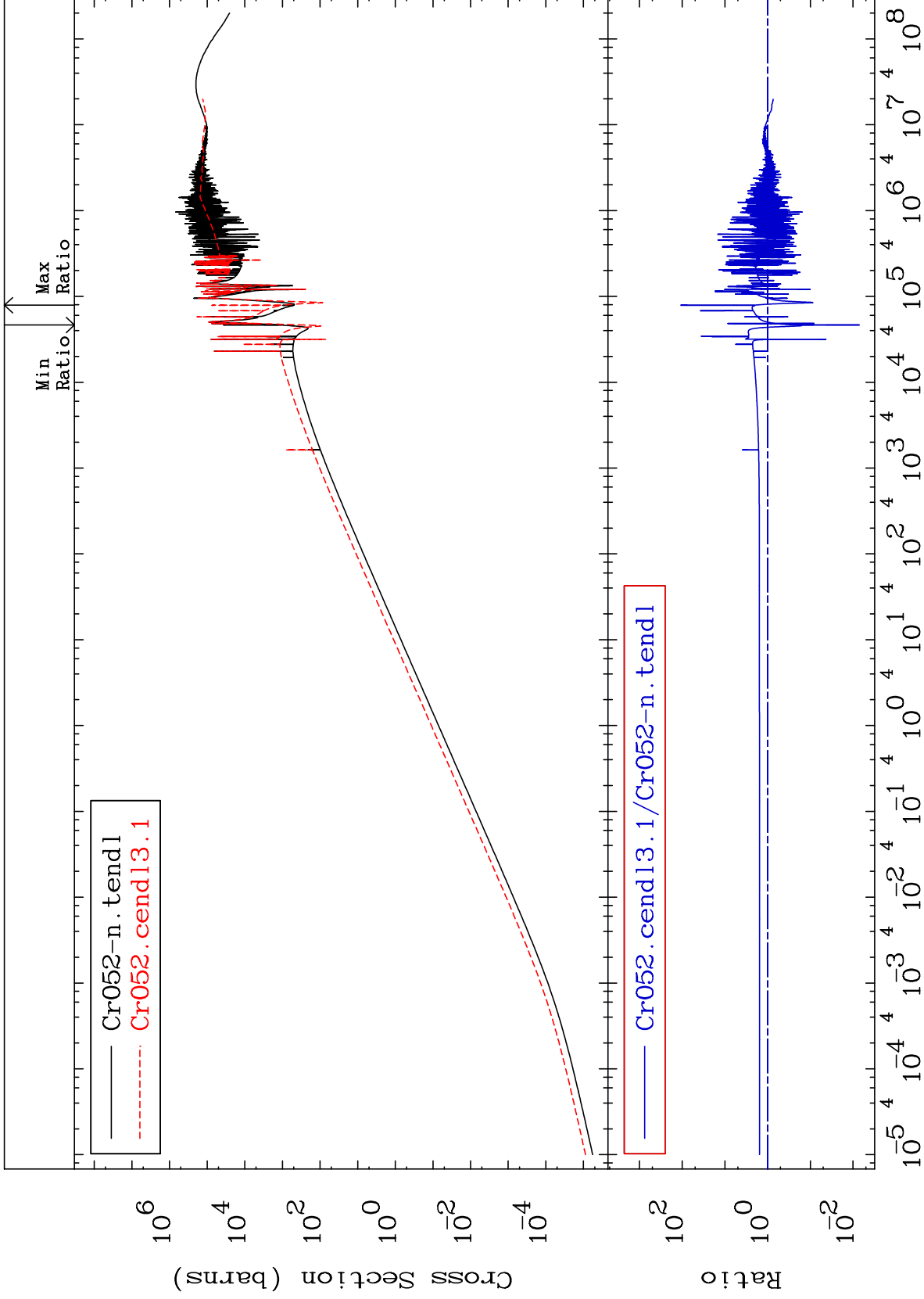
24

Incident Energy (eV)

<sup>24</sup>Cr-52



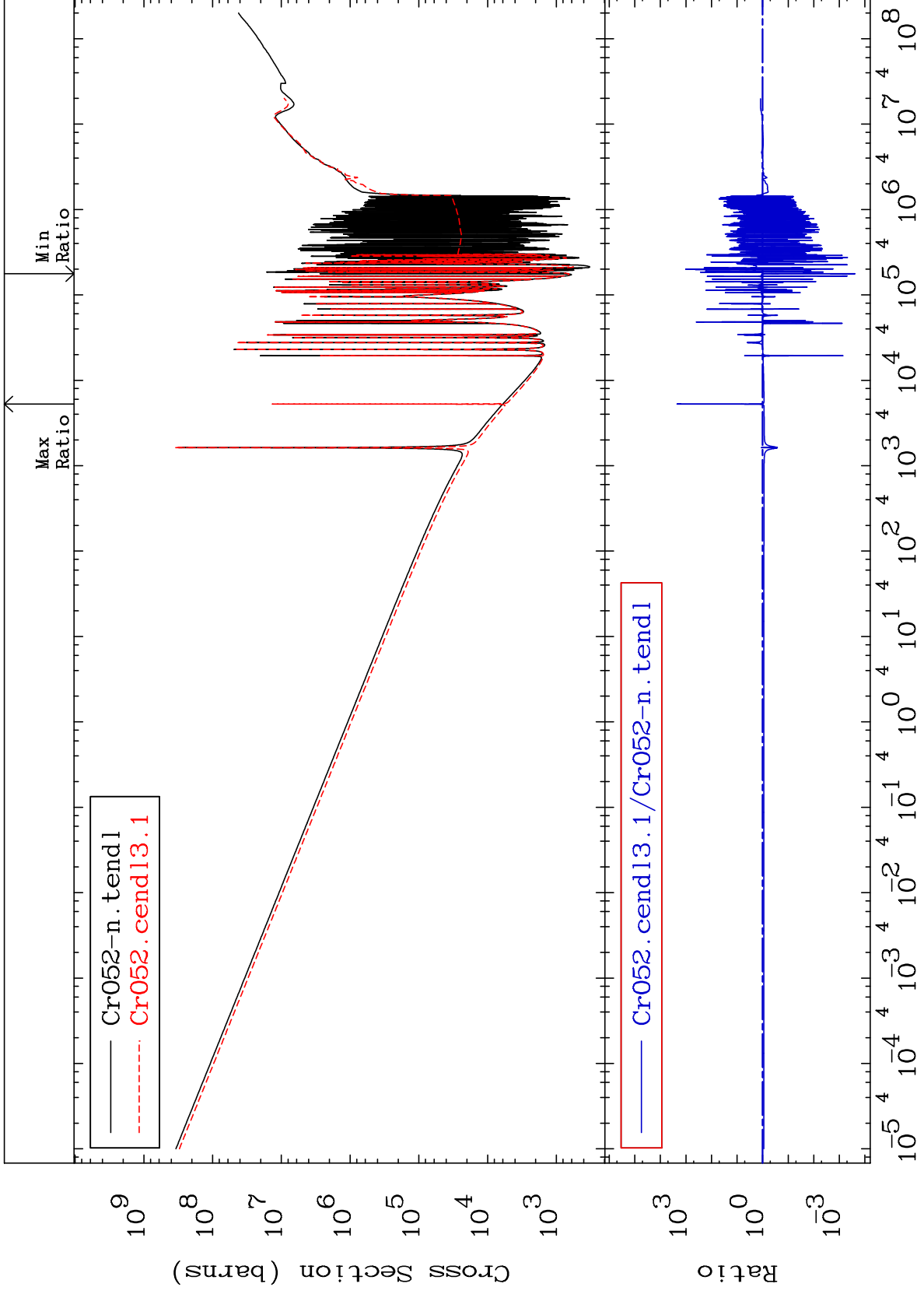


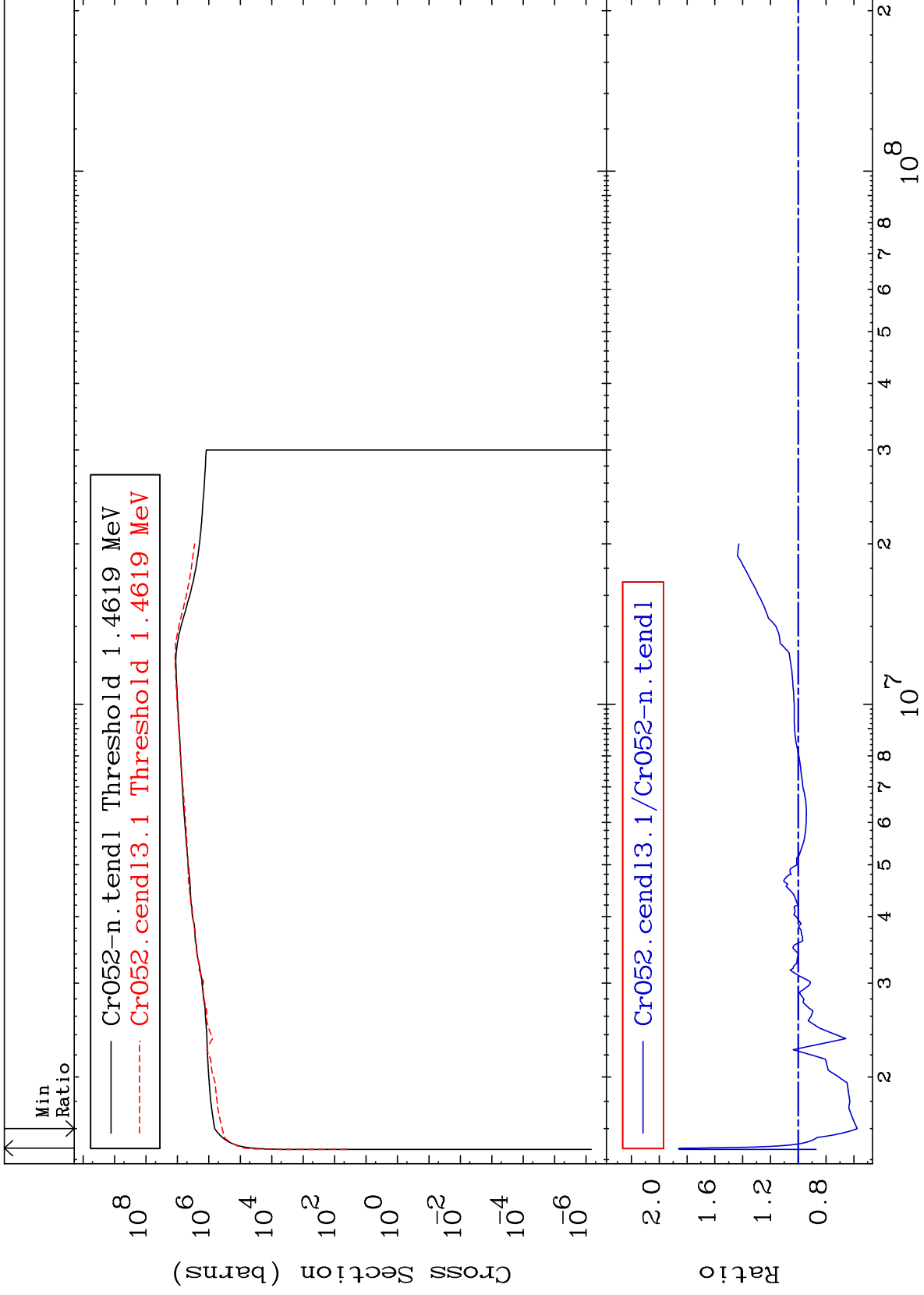


MAT 2431

Kerma non-elastic (all but mt2)  
Cross Section

24-Cr-52  
-99.98 To 9999. %

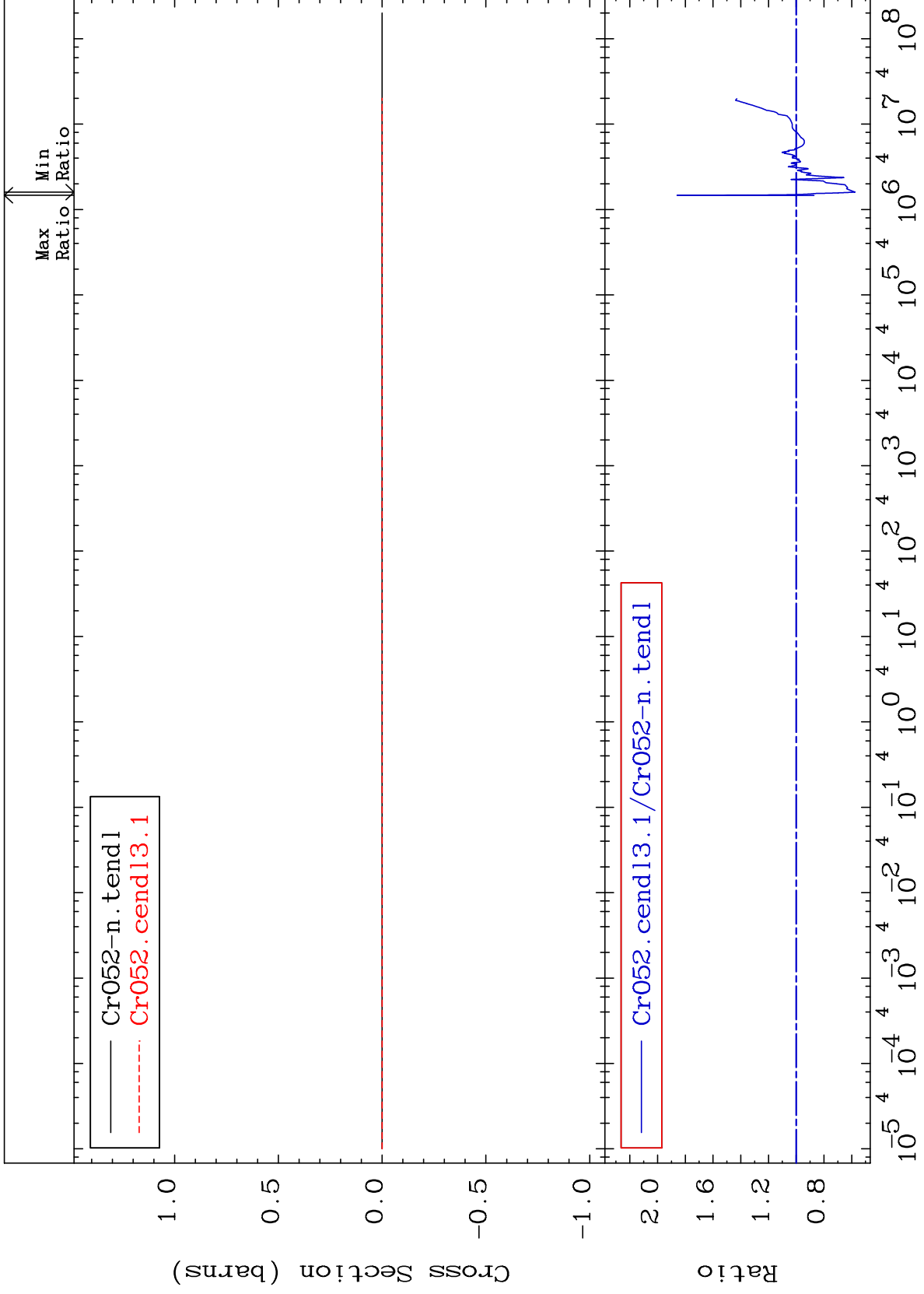




MAT 2431

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

24-Cr-52  
-42.45 To 86.05 %



29

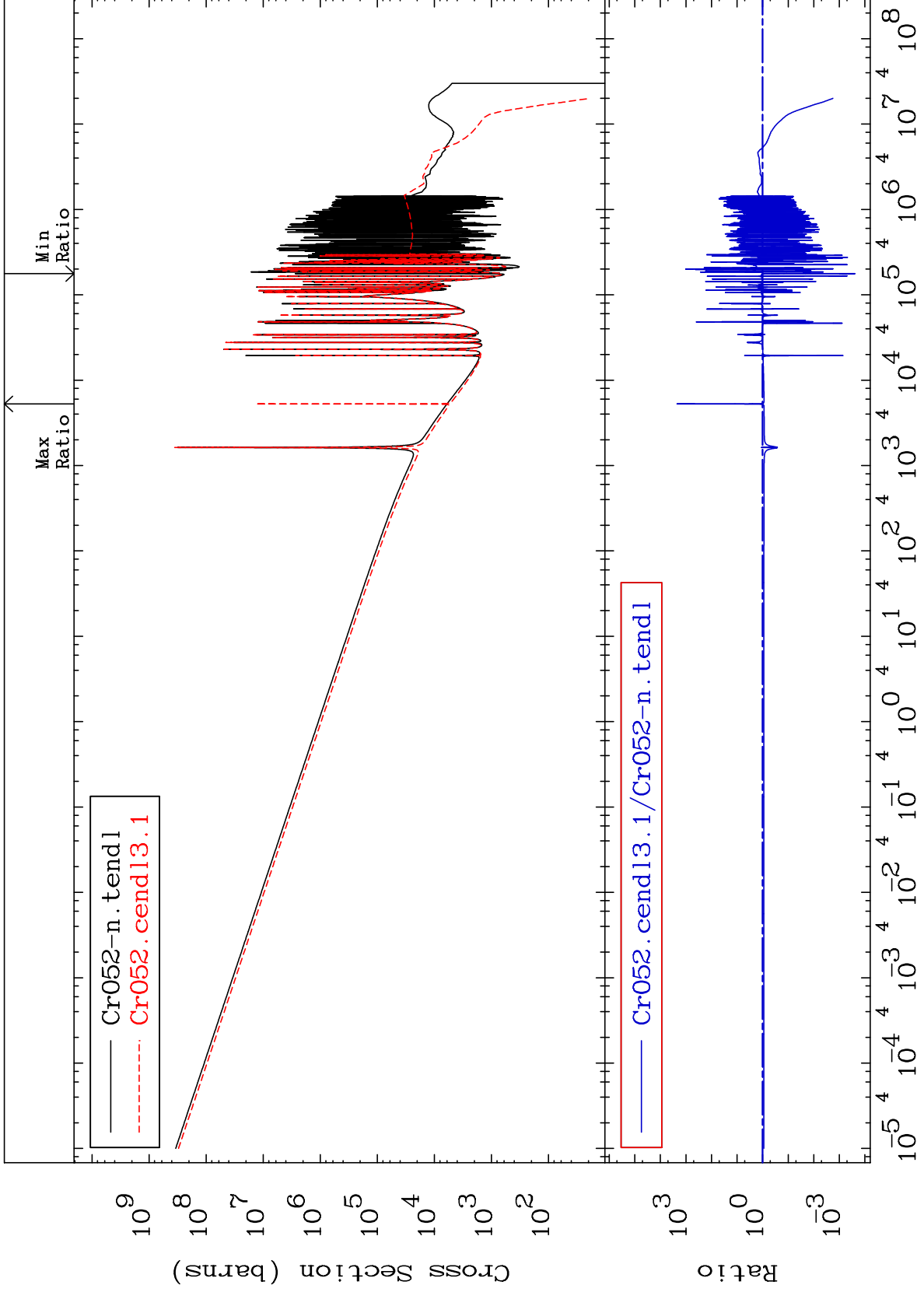
Incident Energy (eV)

24-Cr-52

MAT 2431

Kerma capture (mt102)  
Cross Section

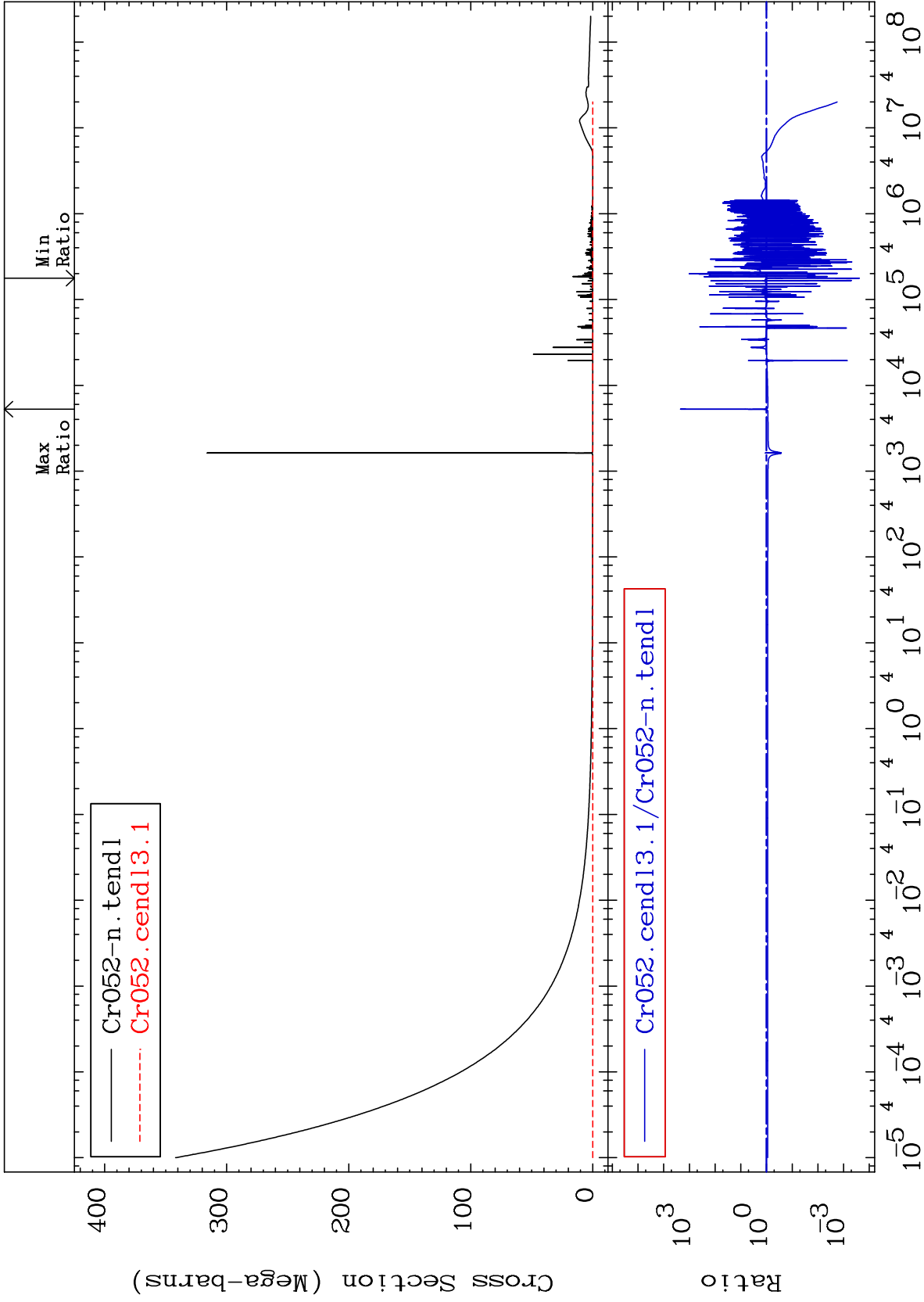
24-Cr-52  
-99.98 To 9999. %



30

Incident Energy (eV)

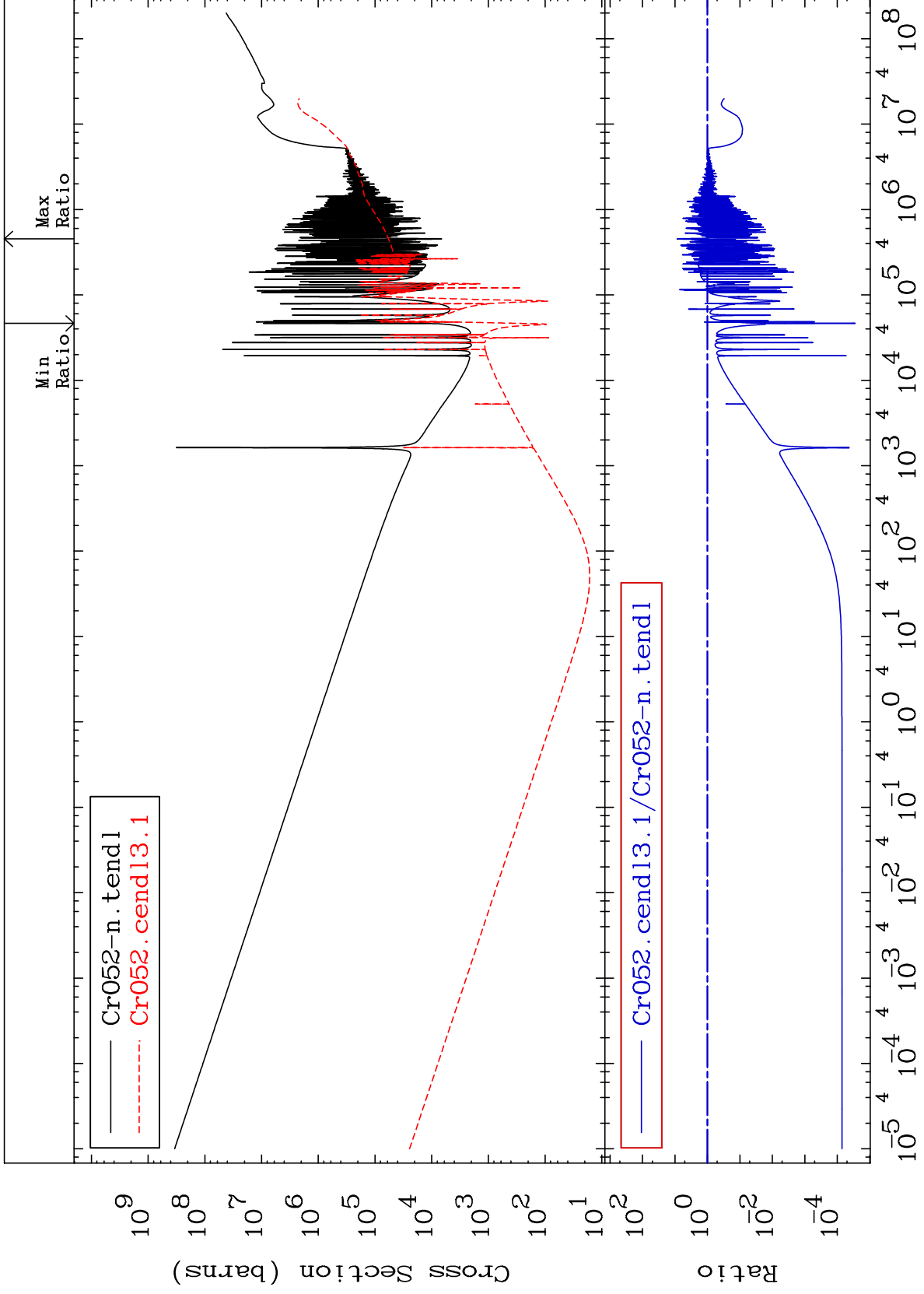
24-Cr-52



MAT 2431

Total kinematic kerma (high limit)  
Cross Section

24-Cr-52  
-100.0 To 772.0 %



Incident Energy (eV)

24-Cr-52

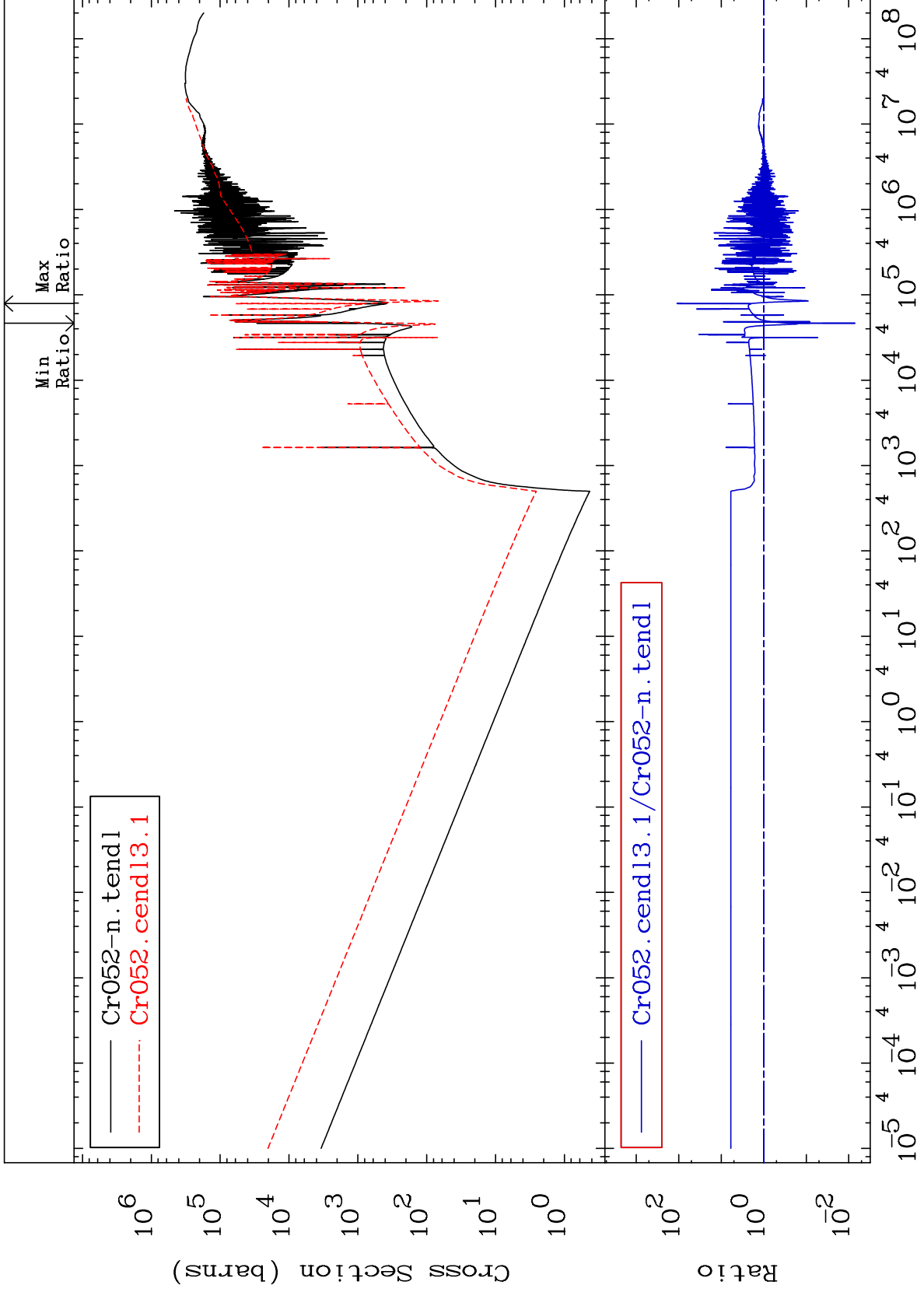
32



MAT 2431

Dpa total (eV-barns)  
Cross Section

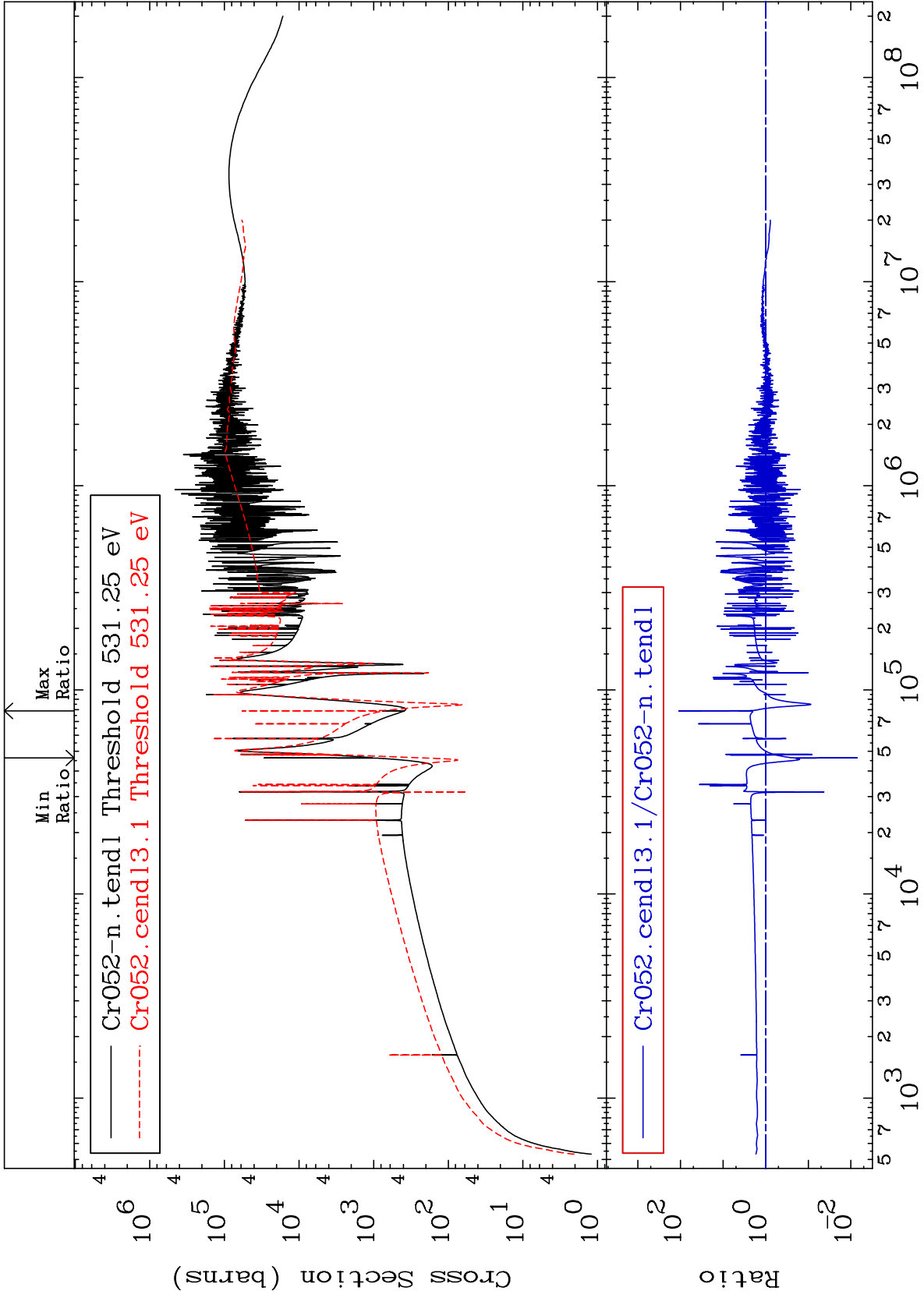
24-Cr-52  
-99.29 To 9999. %

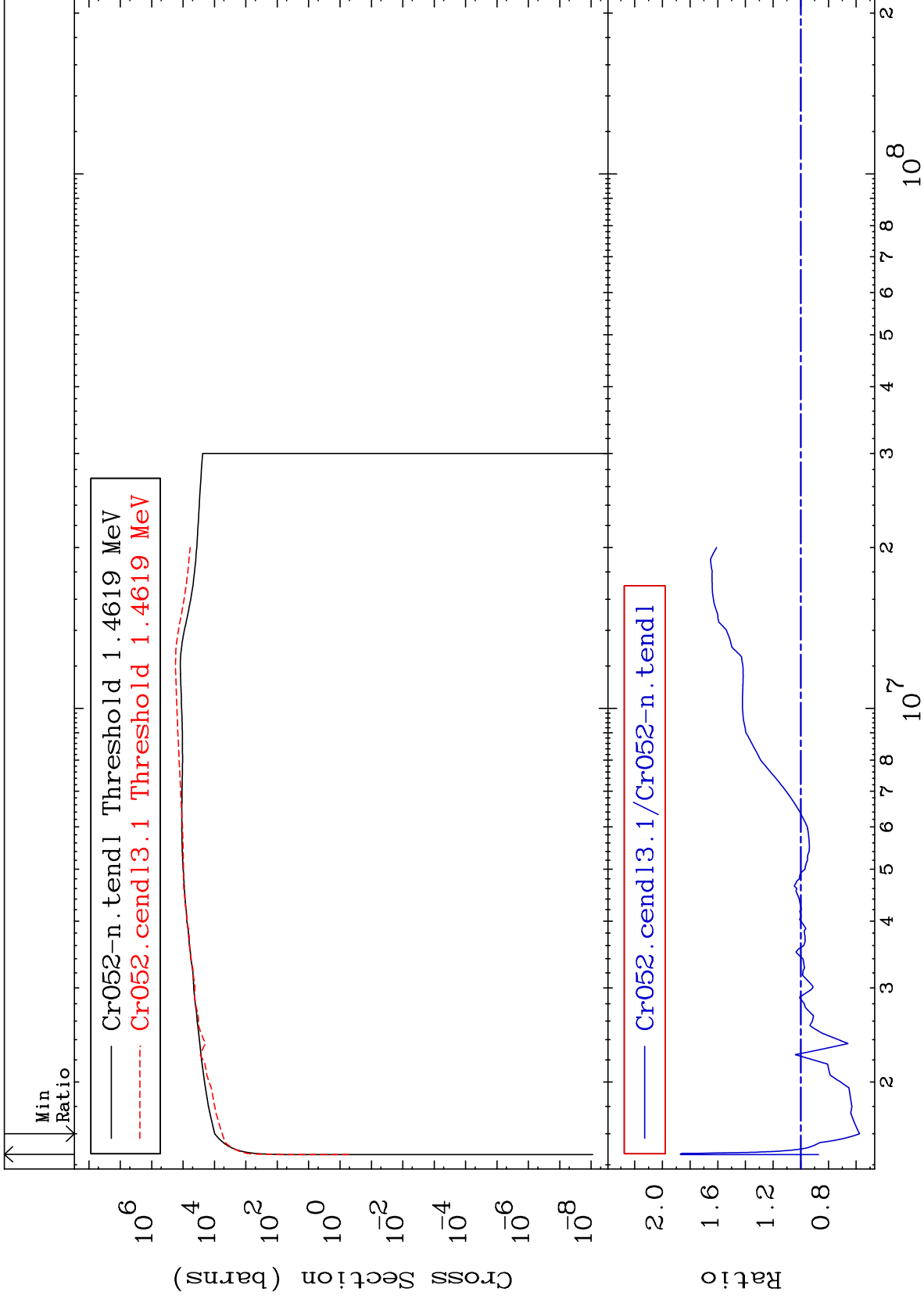


MAT 2431

Dpa elastic (mt2)  
Cross Section

24-Cr-52  
-99.29 To 9999. %





MAT 2431

Dpa disappearance (mt102 -120)  
Cross Section

24-Cr-52  
-99.26 To 9999. %

