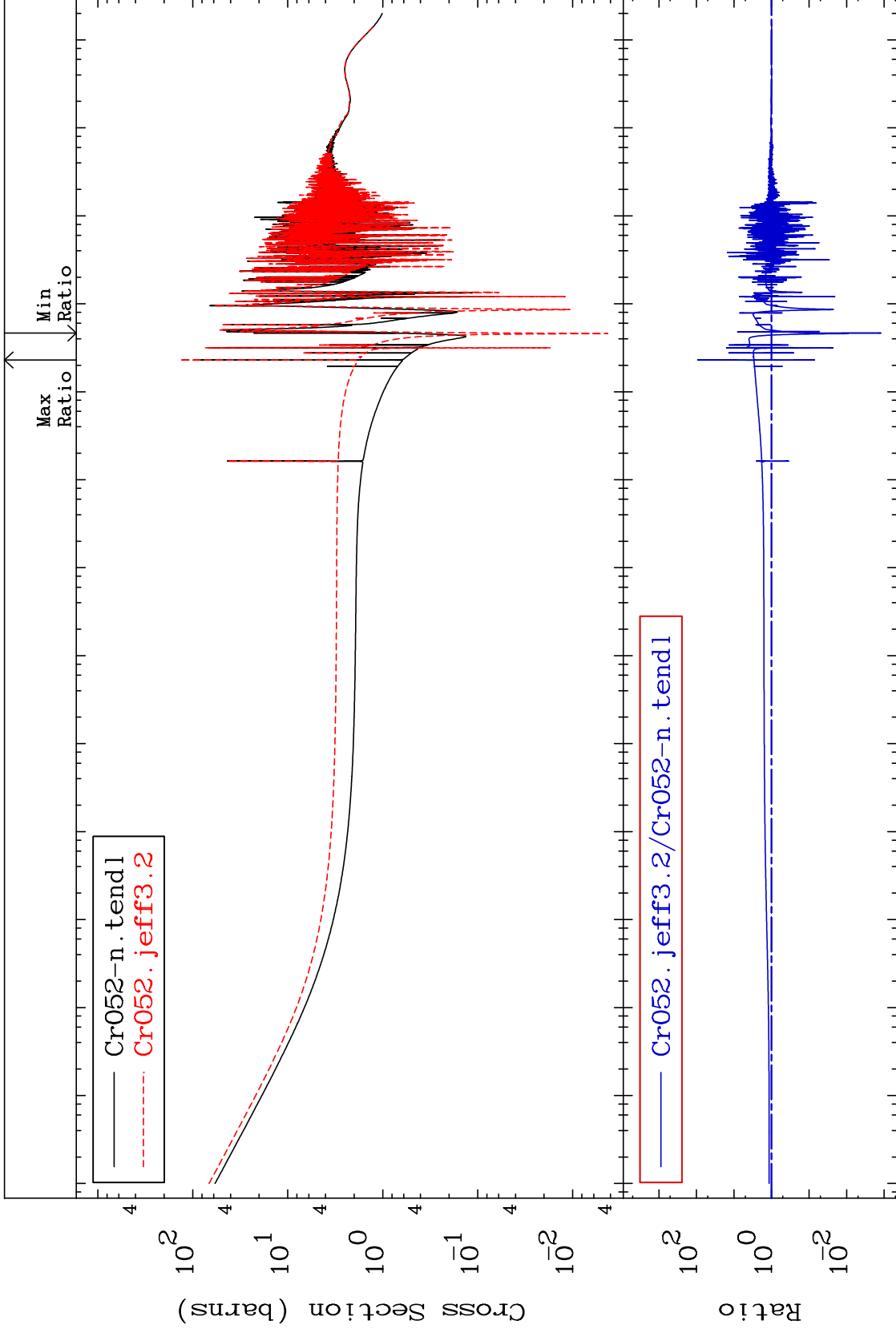


MAT 2431

Total  
Cross Section

24-Cr-52  
-99.88 To 9262. %

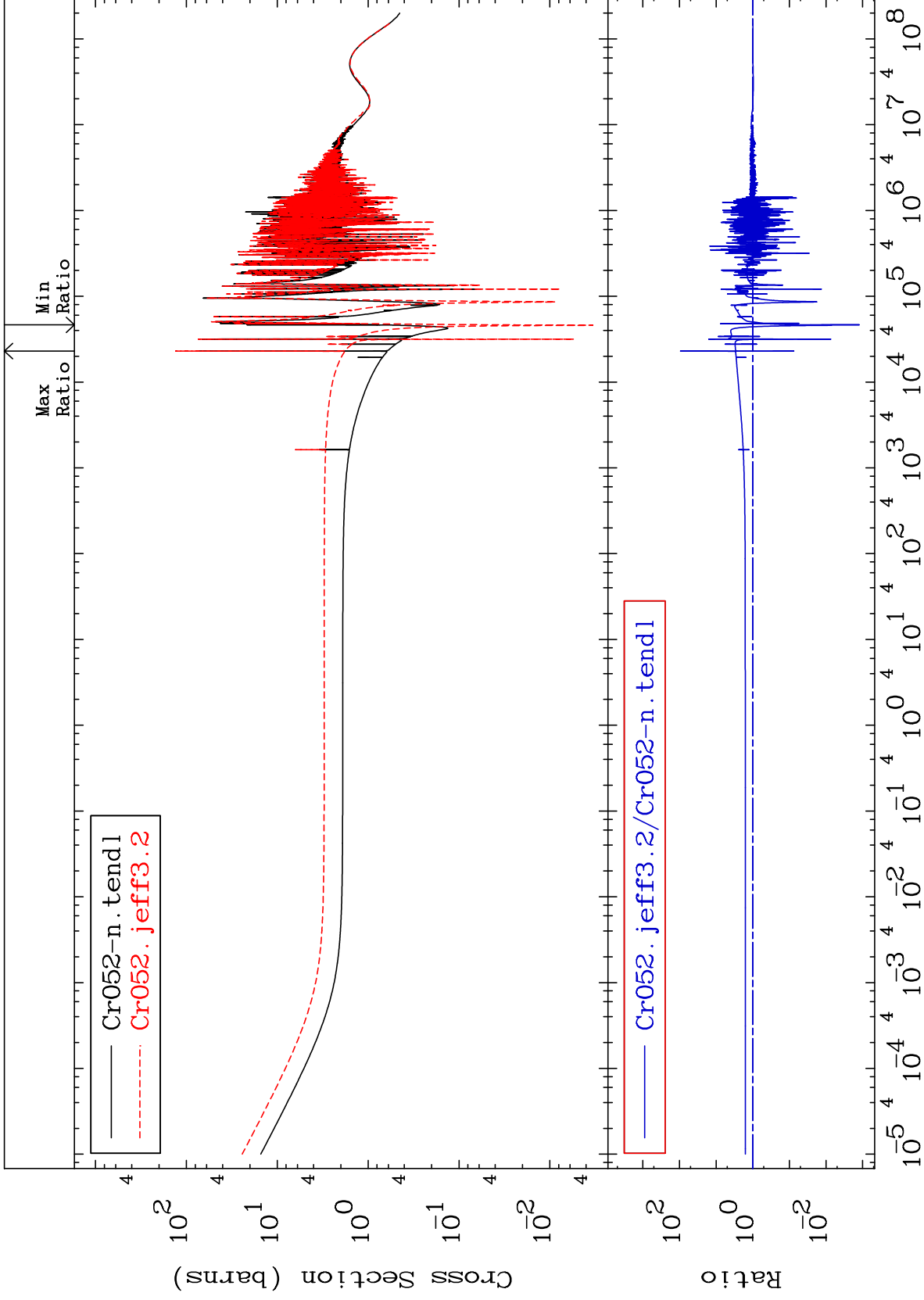


24-Cr-52

MAT 2431

Elastic  
Cross Section

24-Cr-52  
-99.88 To 9378. %



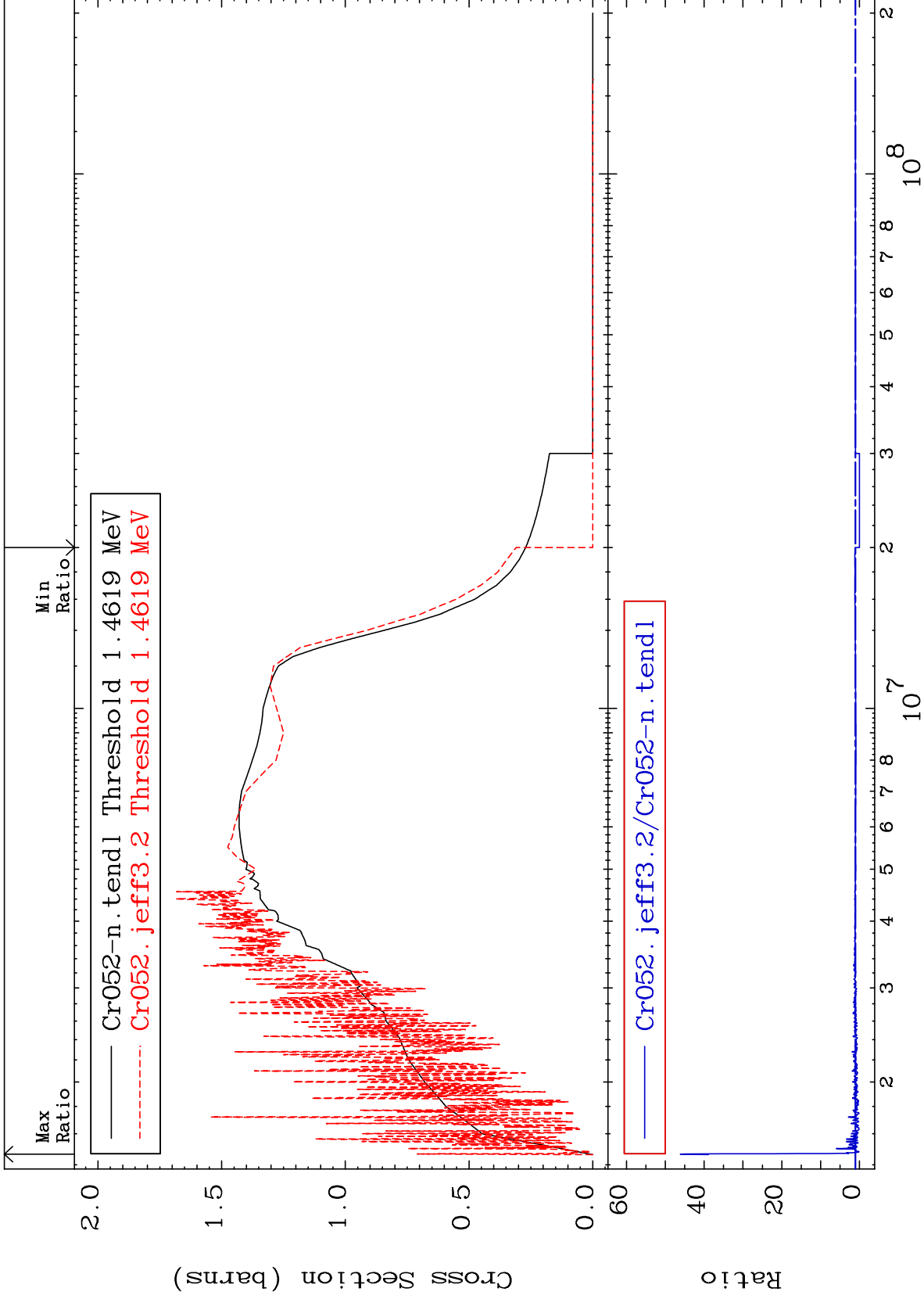
Incident Energy (eV)

24-Cr-52

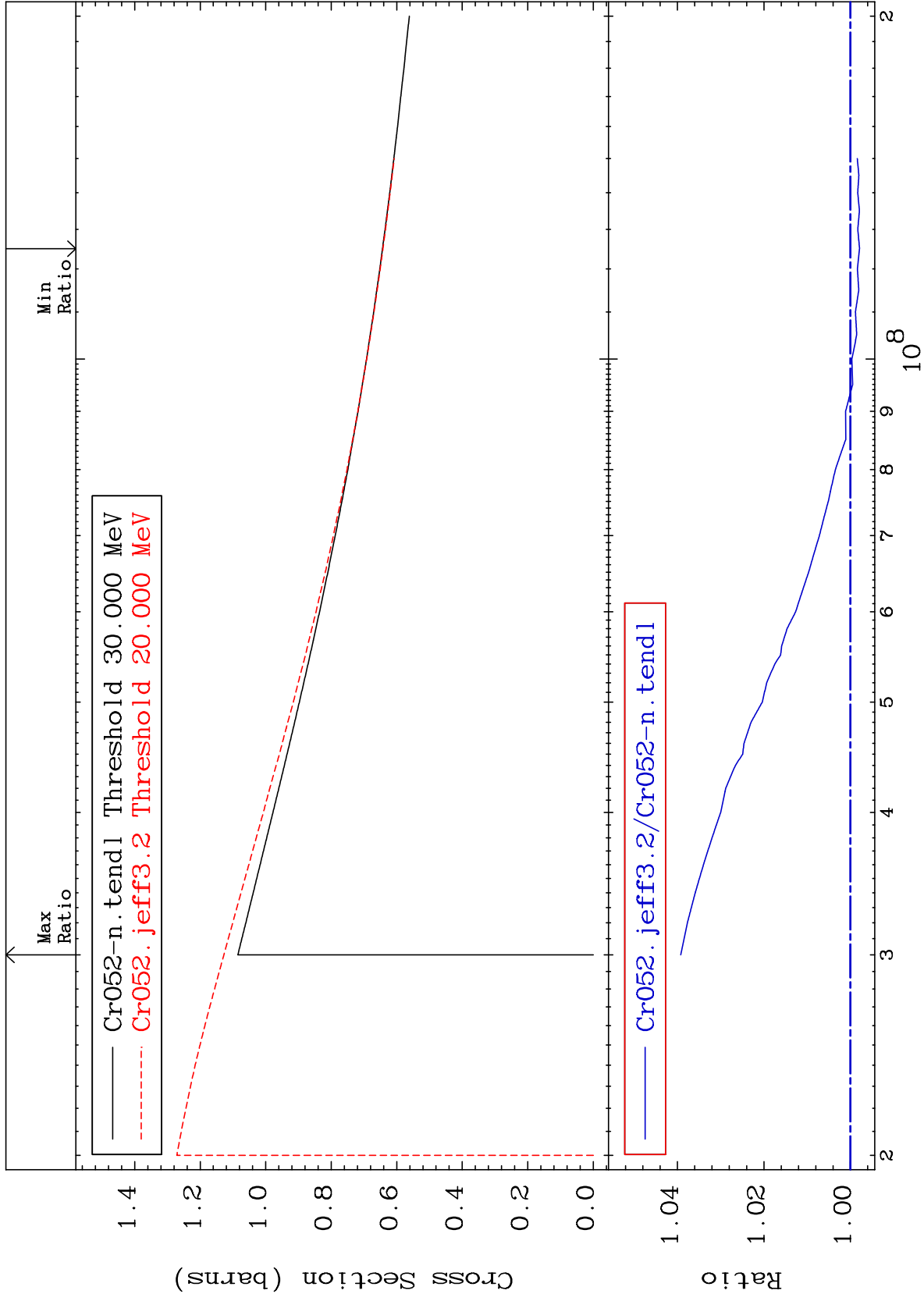
MAT 2431

Inelastic  
Cross Section

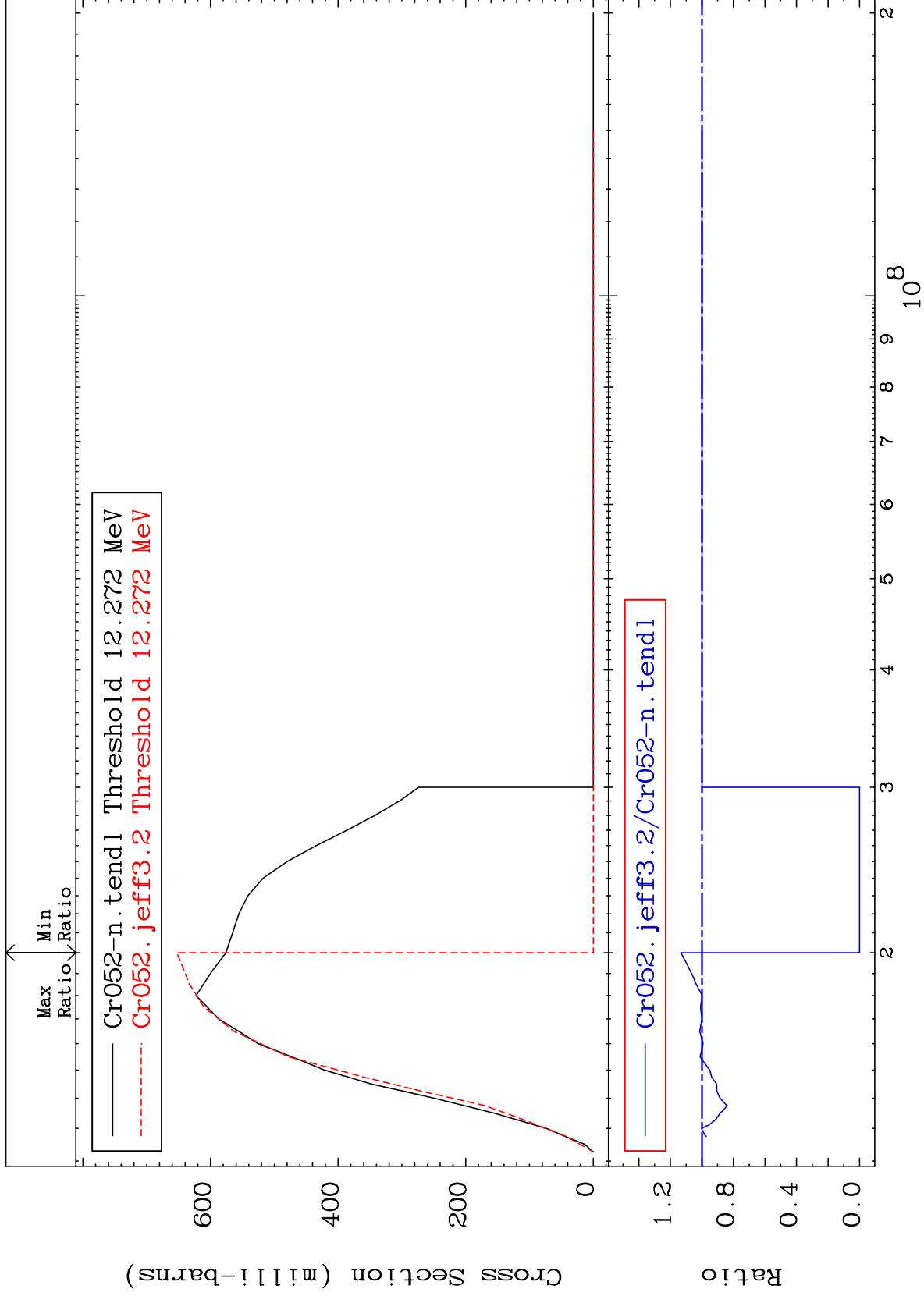
<sup>24</sup>Cr-52  
-100.0 To 4513. %



MAT 2431 (n, remainder) Cross Section 24-Cr-52  
 -0.212 To 3.923 %



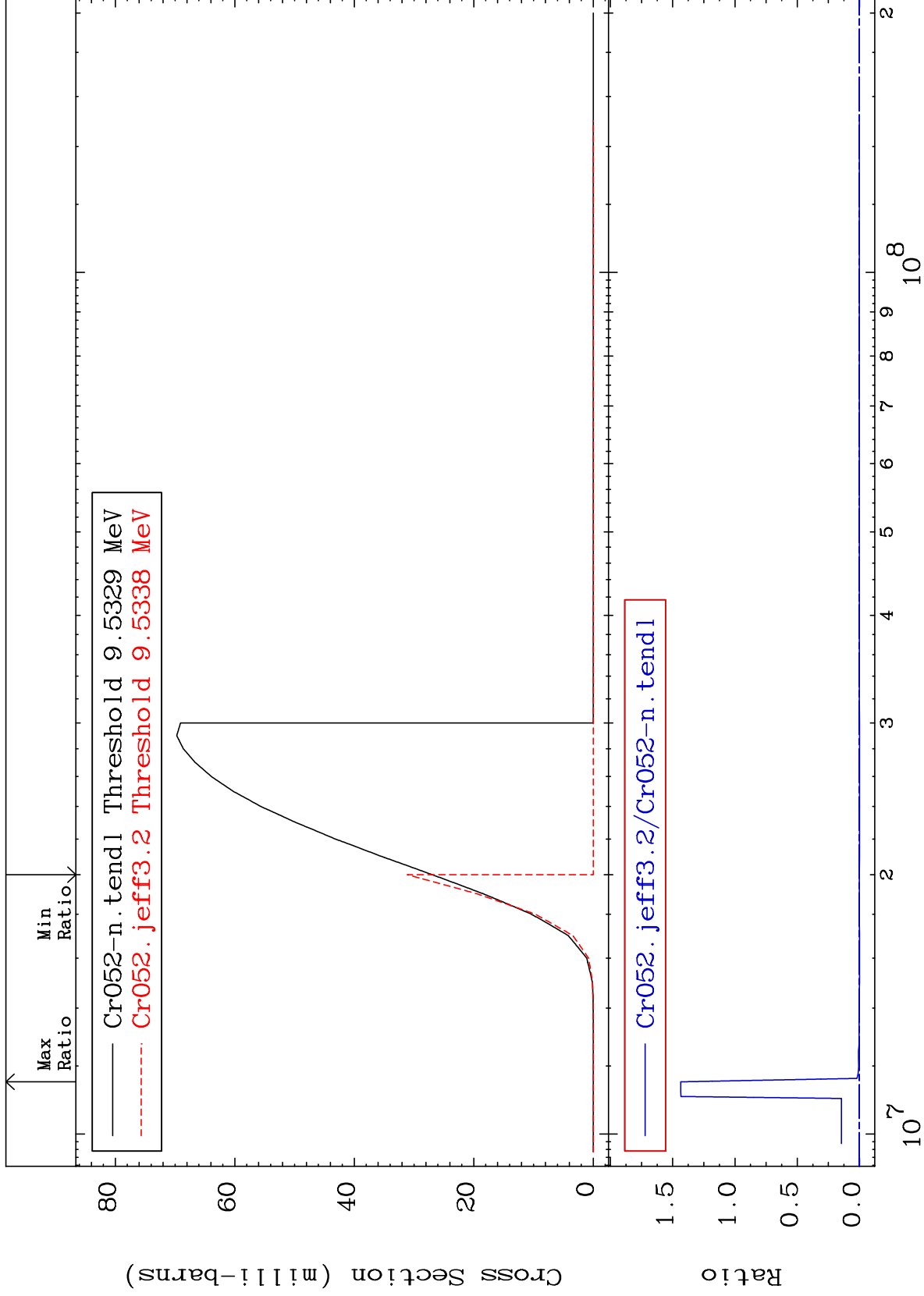
4 Incident Energy (eV) 24-Cr-52



MAT 2431

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

<sup>24</sup>Cr-52  
-100.0 To 9999. %



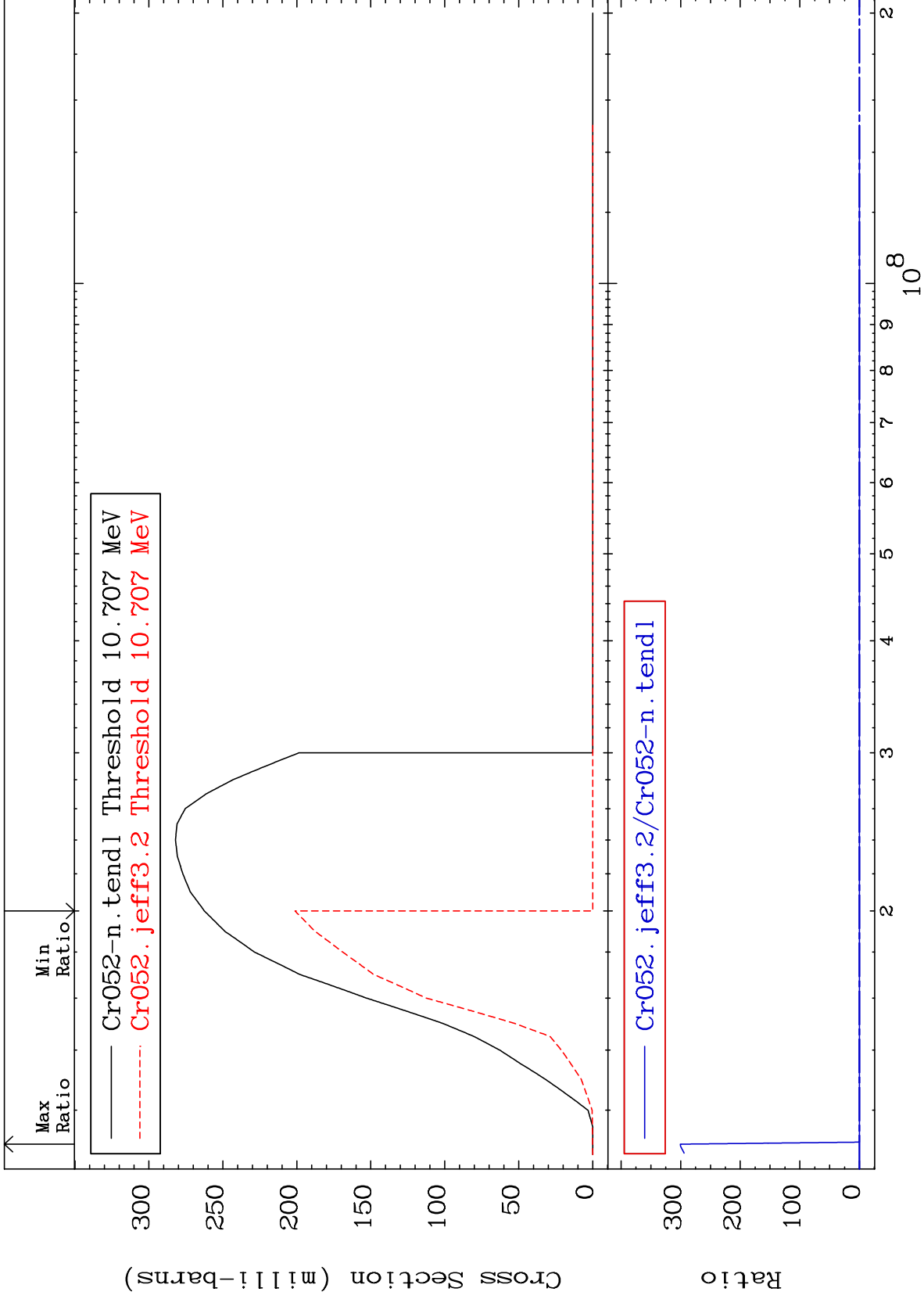
Incident Energy (eV)

<sup>24</sup>Cr-52

MAT 2431

(n,n') p  
Cross Section

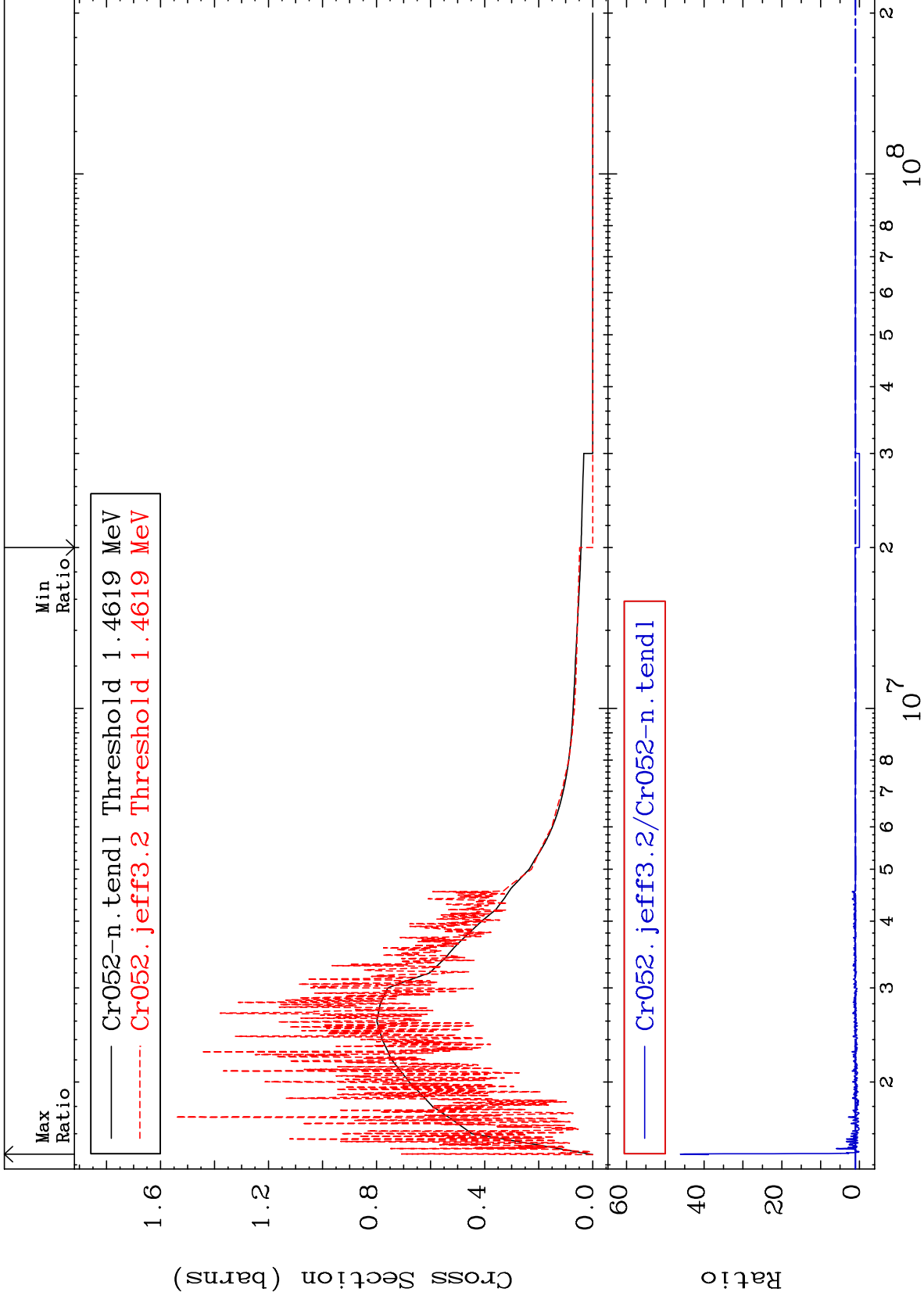
<sup>24</sup>Cr-52  
-100.0 To 9999. %



MAT 2431

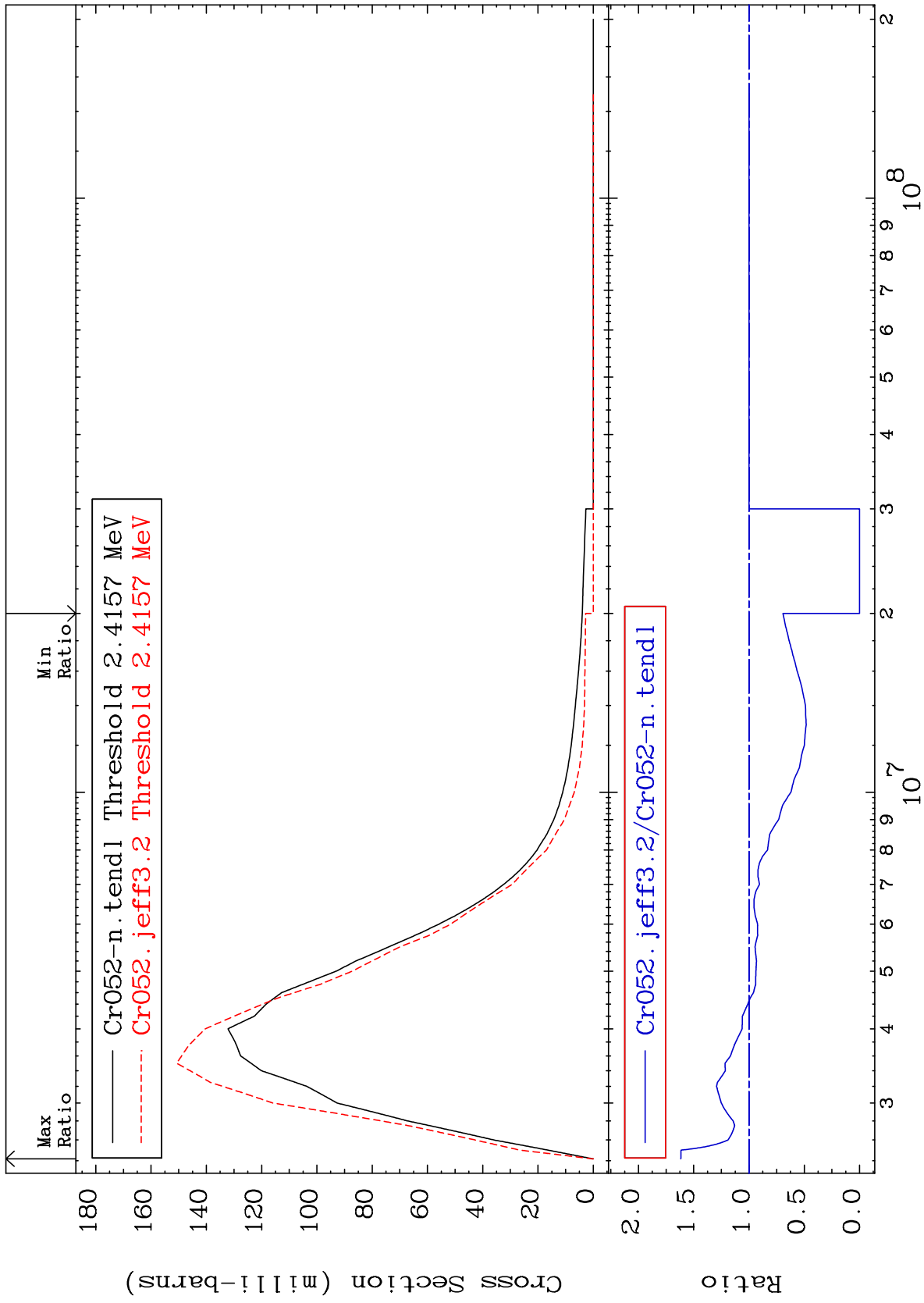
1.434 MeV (n,n') Level  
Cross Section

24-Cr-52  
-100.0 To 4513. %





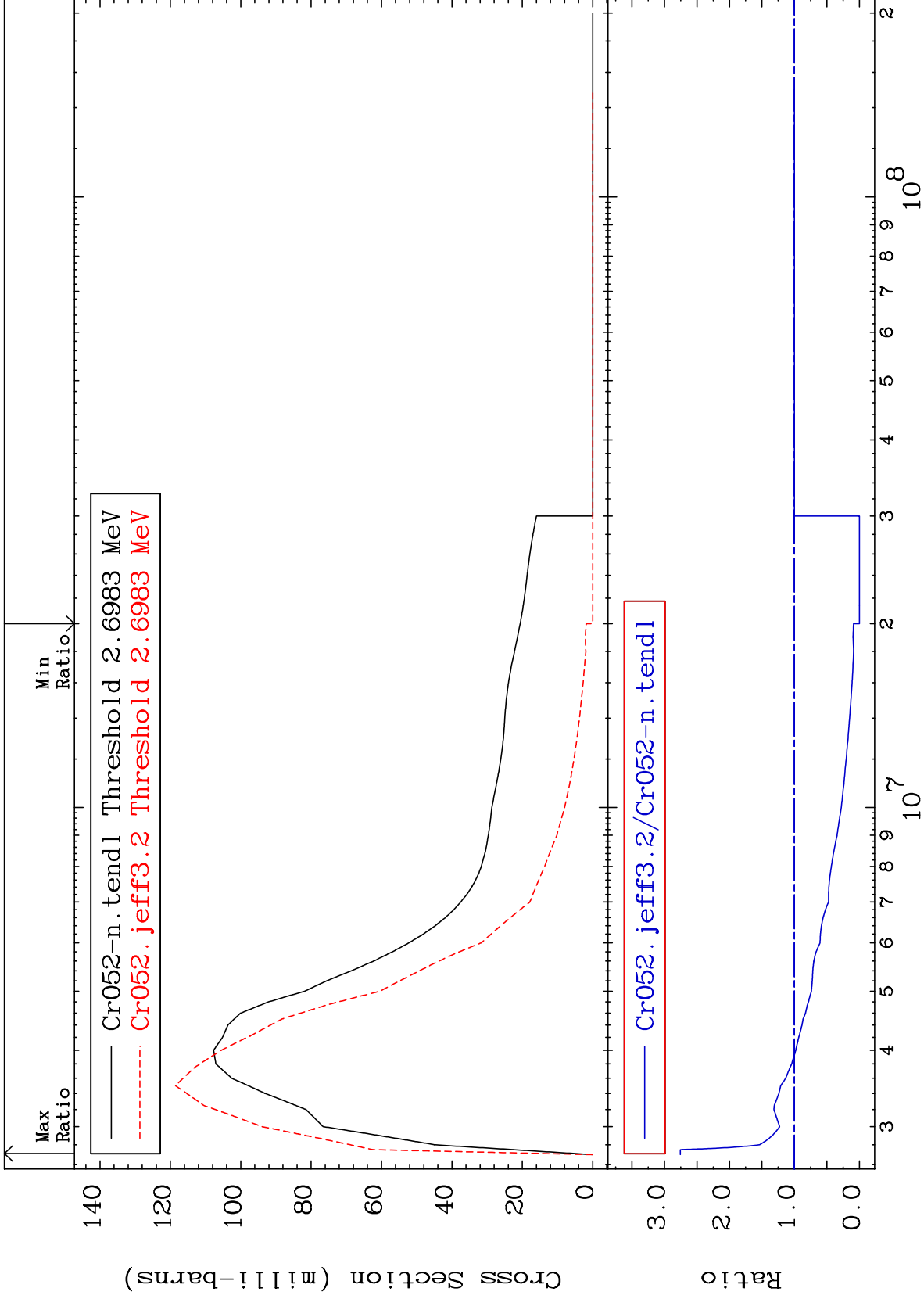
MAT 2431      2.370 MeV (n,n') Level      24-Cr-52  
 Cross Section      -100.0 To 61.72 %



MAT 2431

2.647 MeV (n,n') Level  
Cross Section

24-Cr-52  
-100.0 To 175.5 %



10

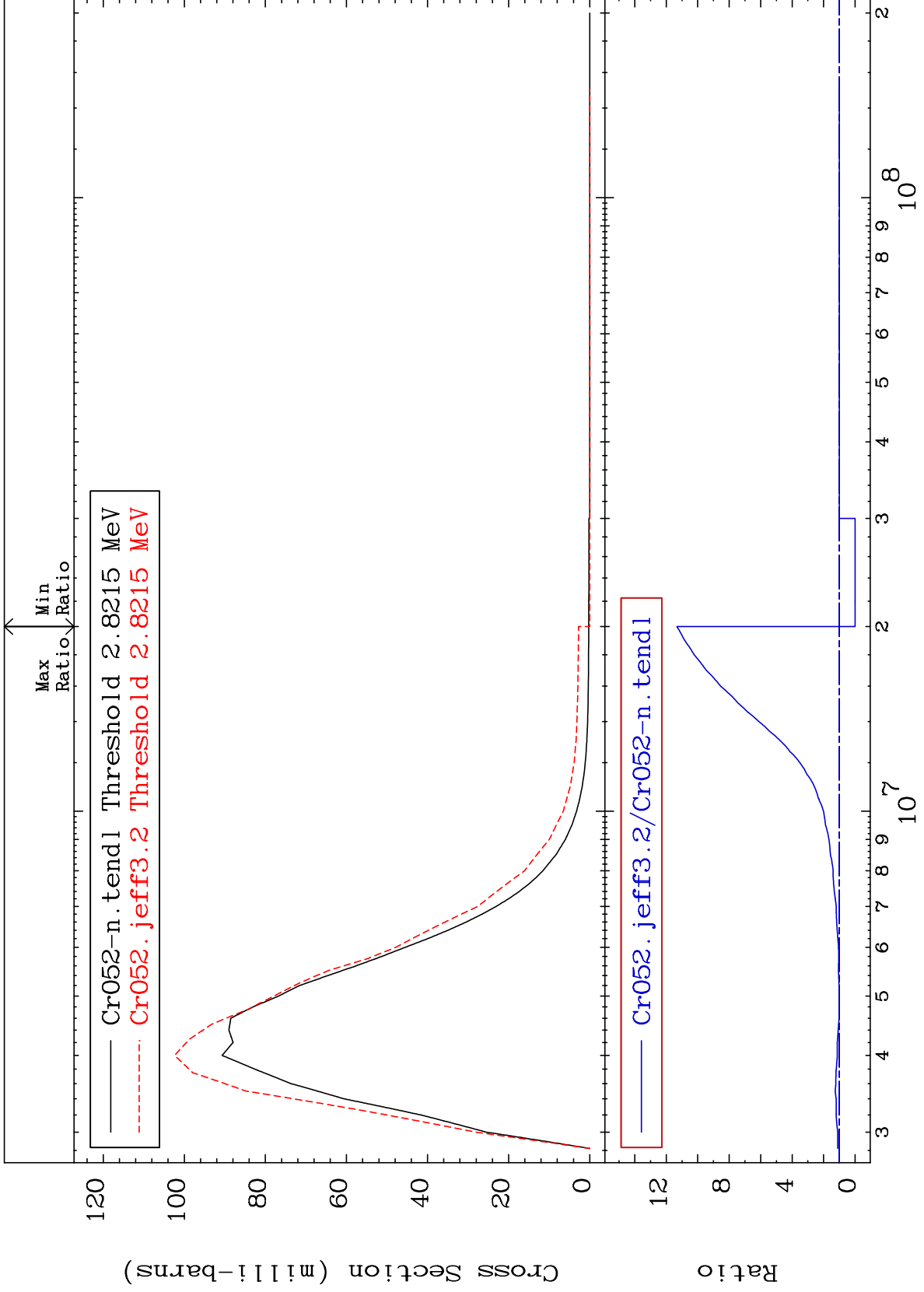
Incident Energy (eV)

24-Cr-52

MAT 2431

2.768 MeV (n,n') Level  
Cross Section

24-Cr-52  
-100.0 To 1032. %



11

Incident Energy (eV)

24-Cr-52

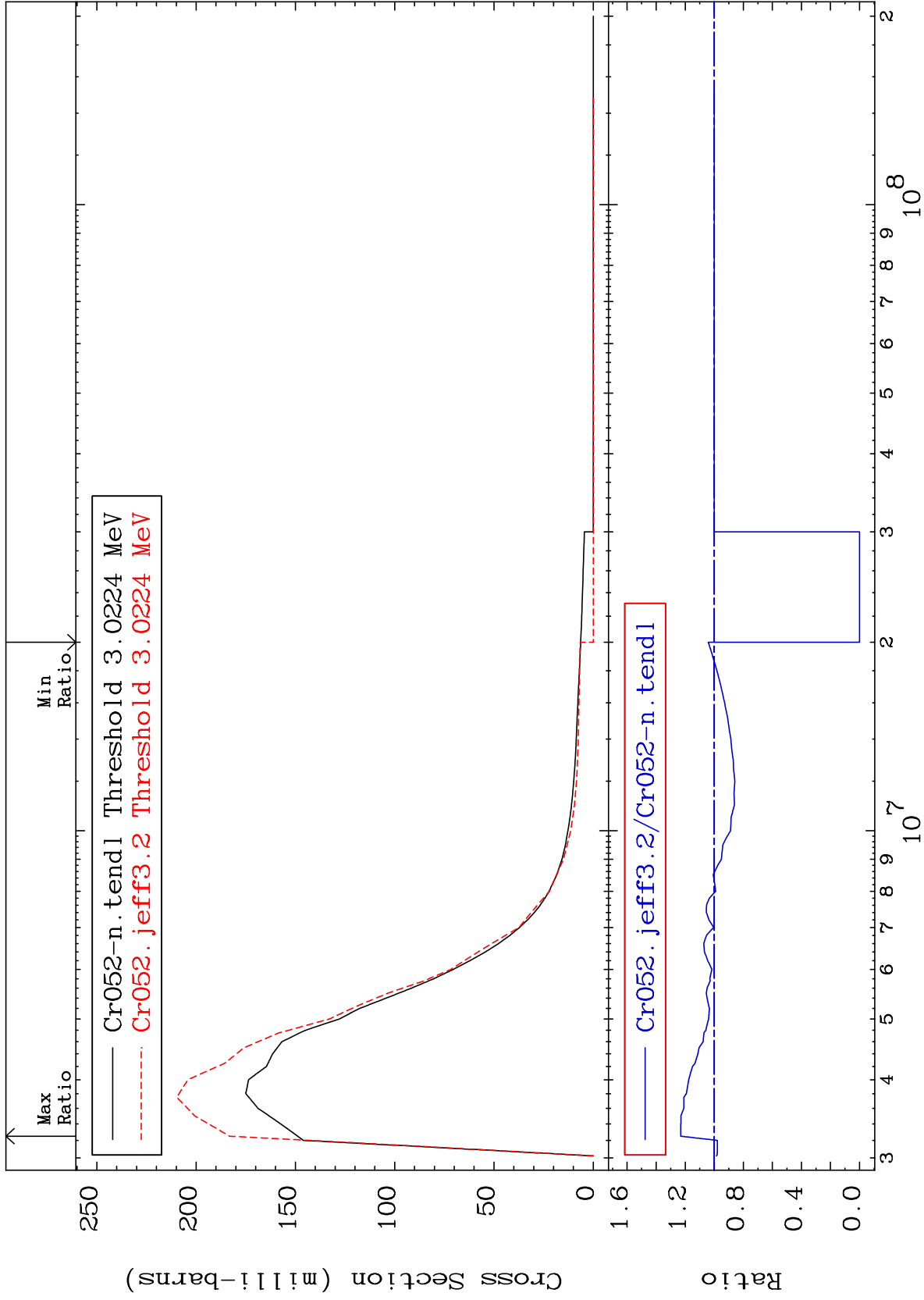
MAT 2431

2.965 MeV (n,n') Level

24-Cr-52

-100.0 To 23.06 %

Cross Section



12

Incident Energy (eV)

24-Cr-52

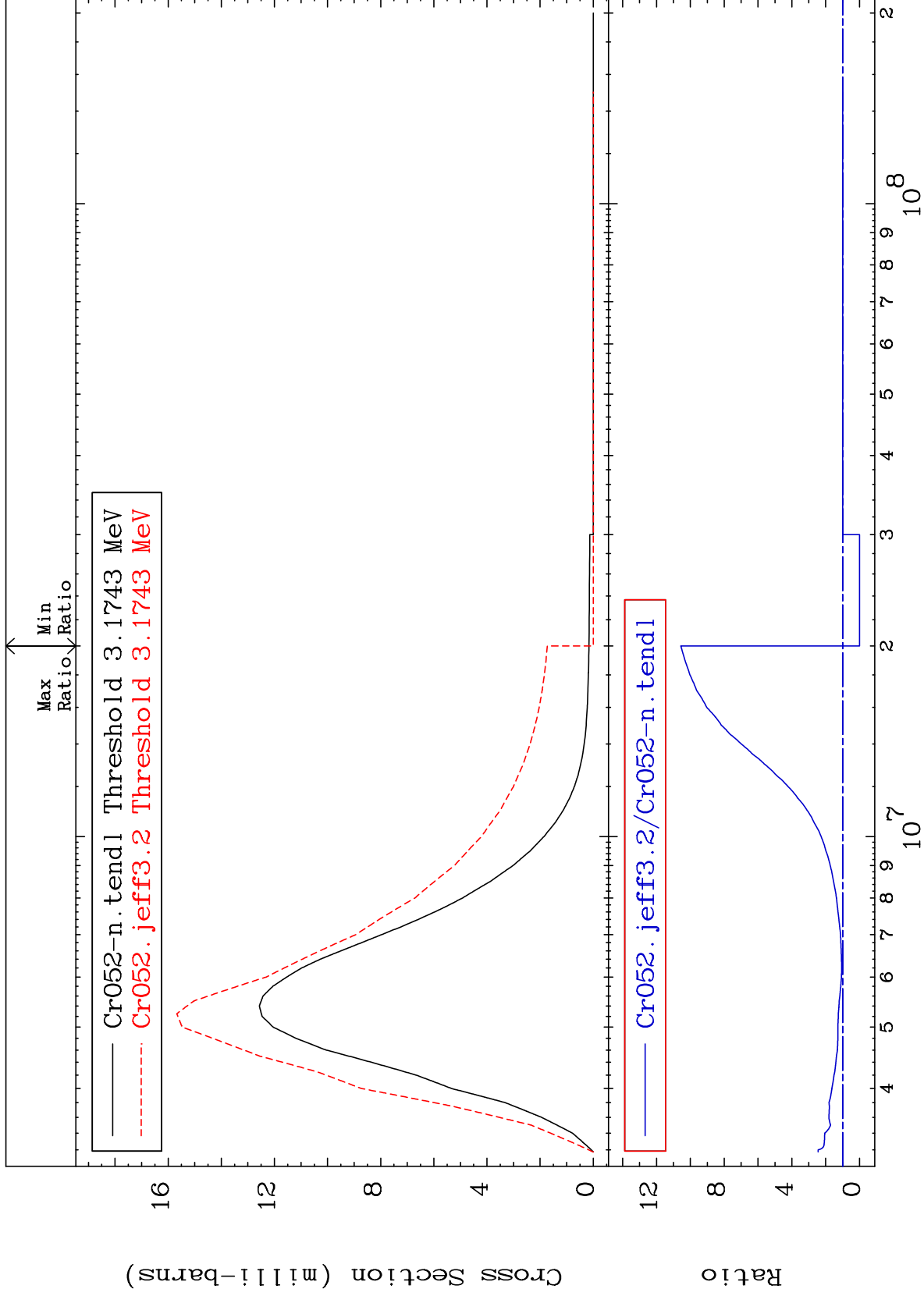
MAT 2431

3.114 MeV (n,n') Level

<sup>24</sup>Cr-52

-100.0 To 956.7 %

Cross Section



13

Incident Energy (eV)

<sup>24</sup>Cr-52

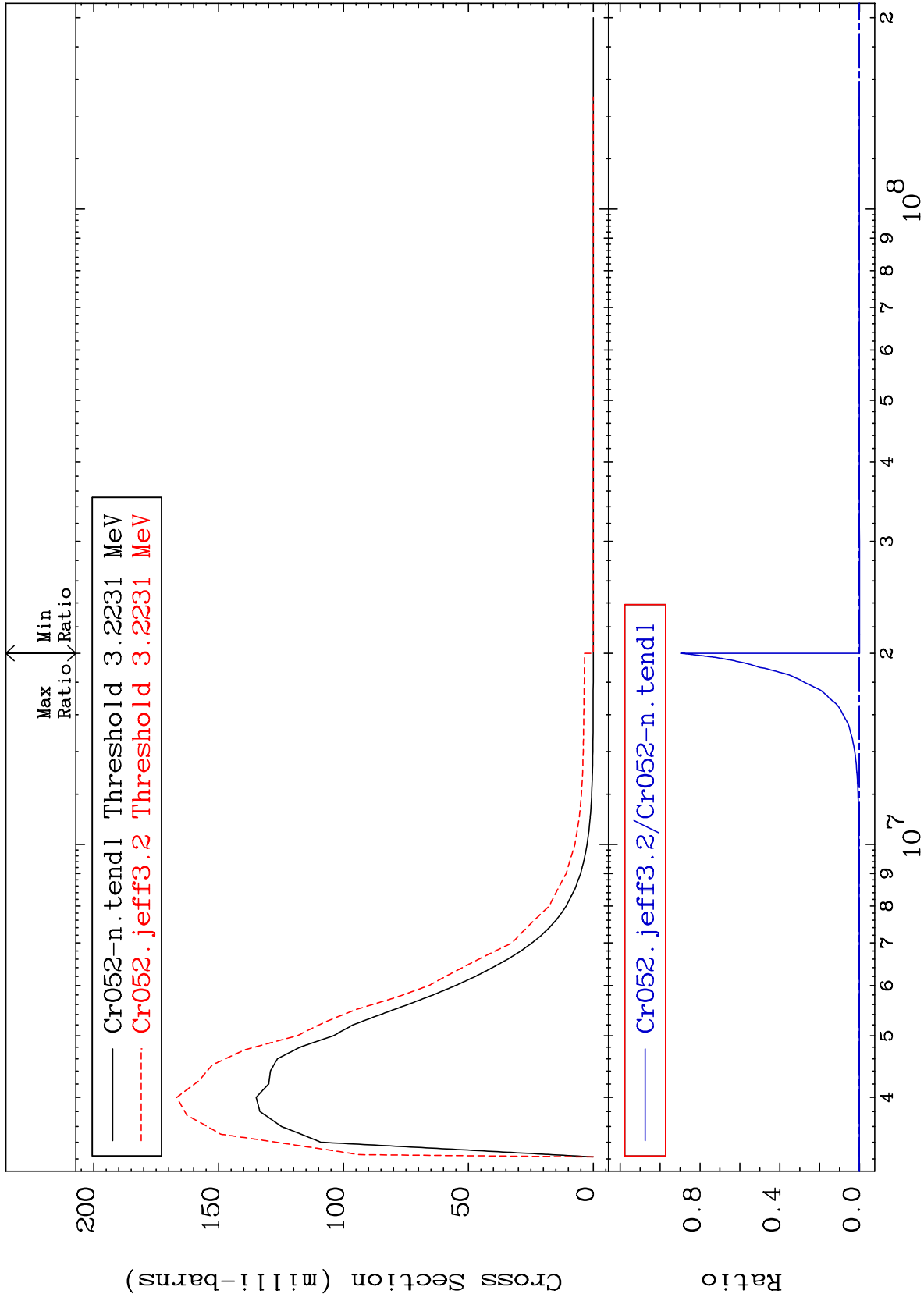
MAT 2431

3.162 MeV (n,n') Level

24-Cr-52

-100.0 To 9999. %

Cross Section



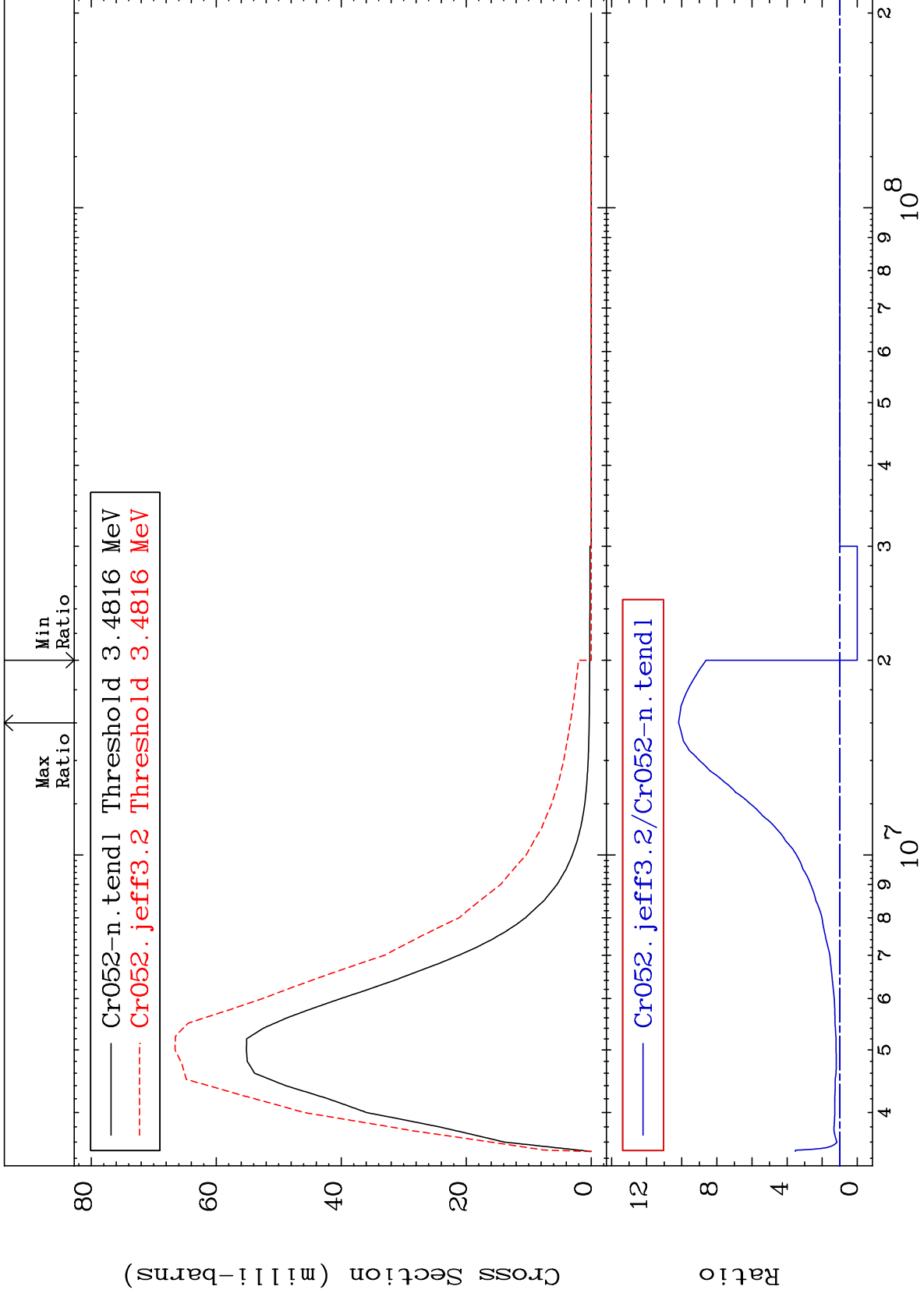
14

24-Cr-52

MAT 2431

3.415 MeV (n,n') Level  
Cross Section

24-Cr-52  
-100.0 To 917.8 %



15

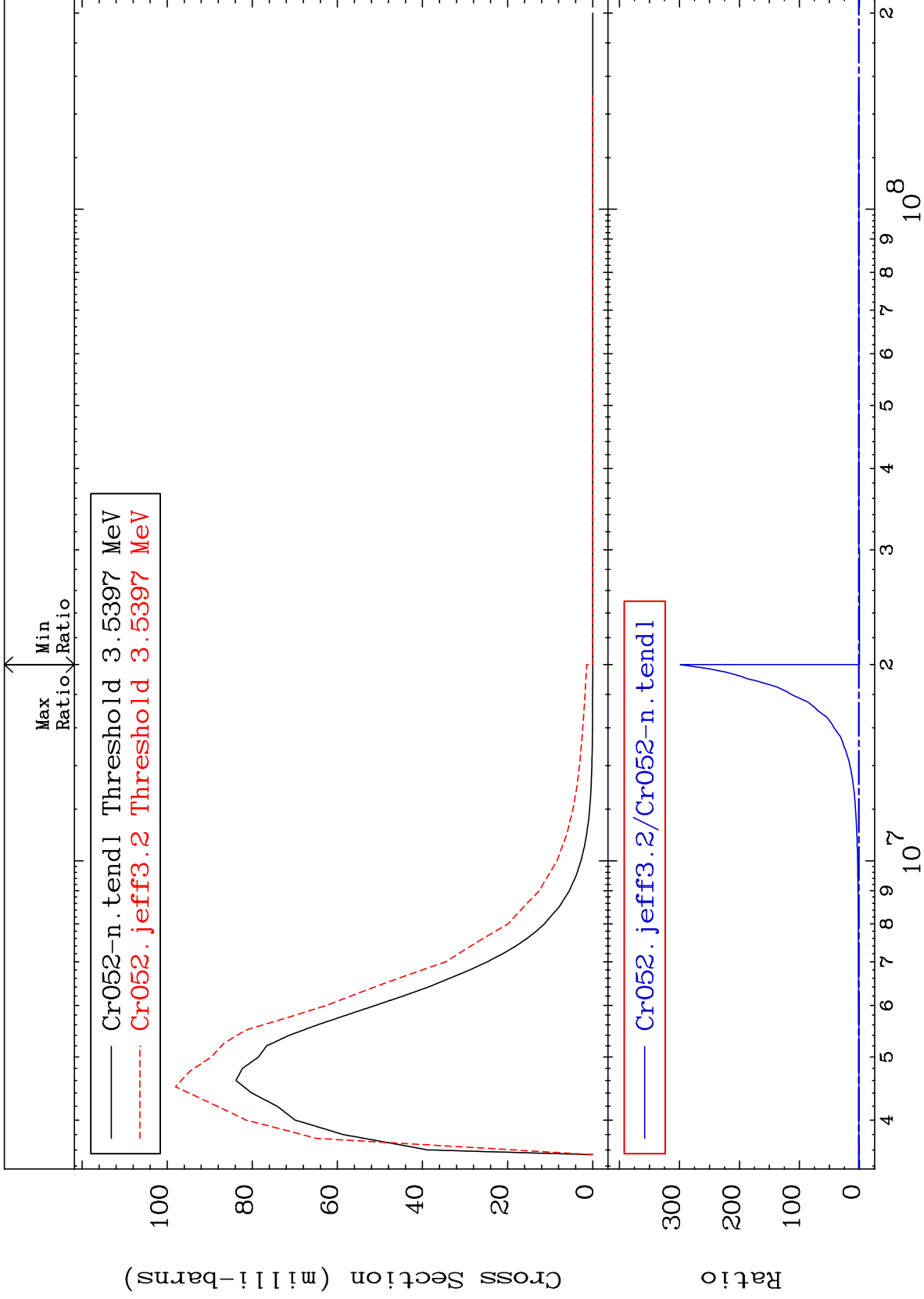
Incident Energy (eV)

24-Cr-52

MAT 2431

3.472 MeV (n,n') Level  
Cross Section

24-Cr-52  
-100.0 To 9999. %



16

Incident Energy (eV)

24-Cr-52



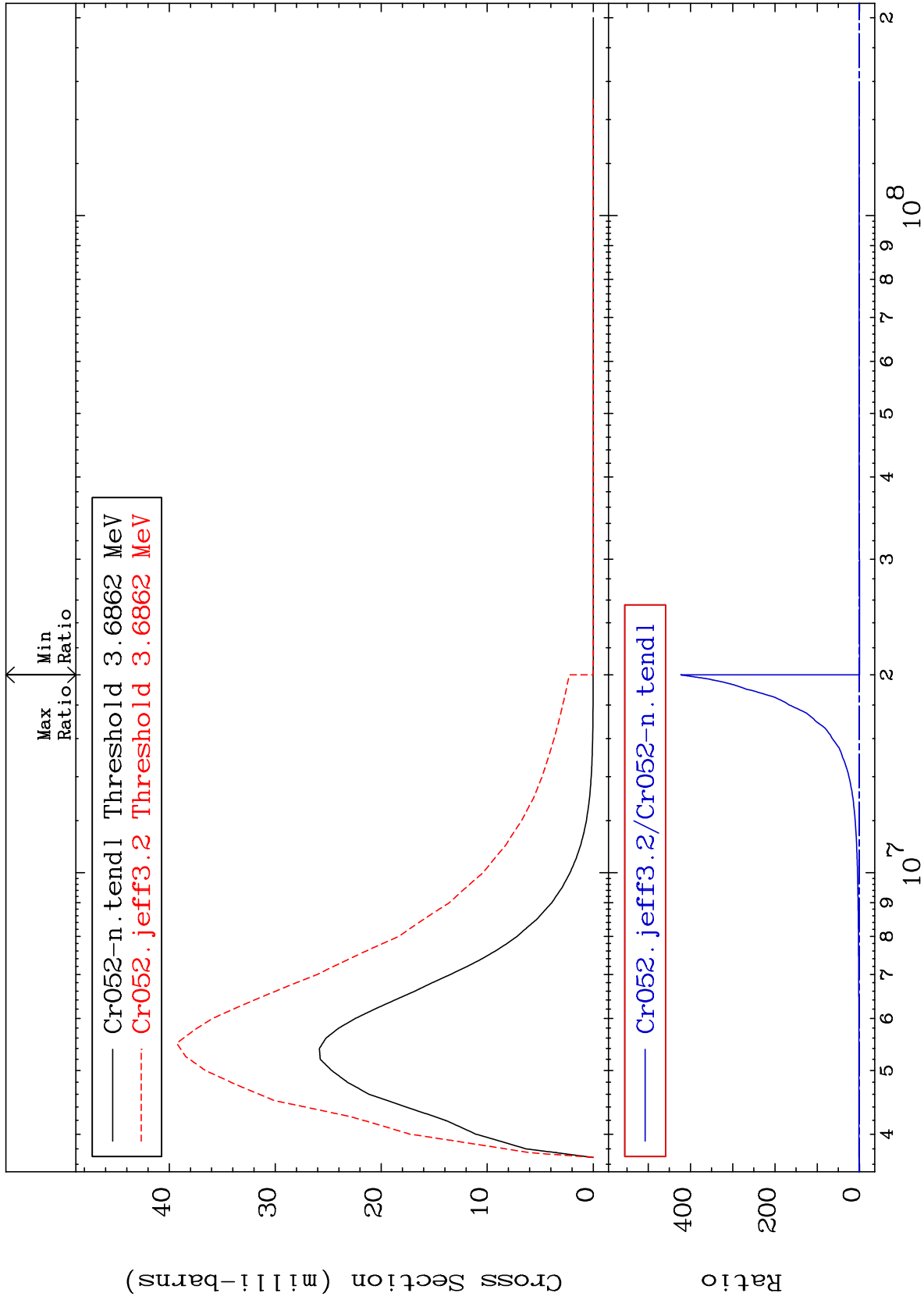
MAT 2431

3.616 MeV (n,n') Level

<sup>24</sup>Cr-52

-100.0 To 9999. %

Cross Section



17

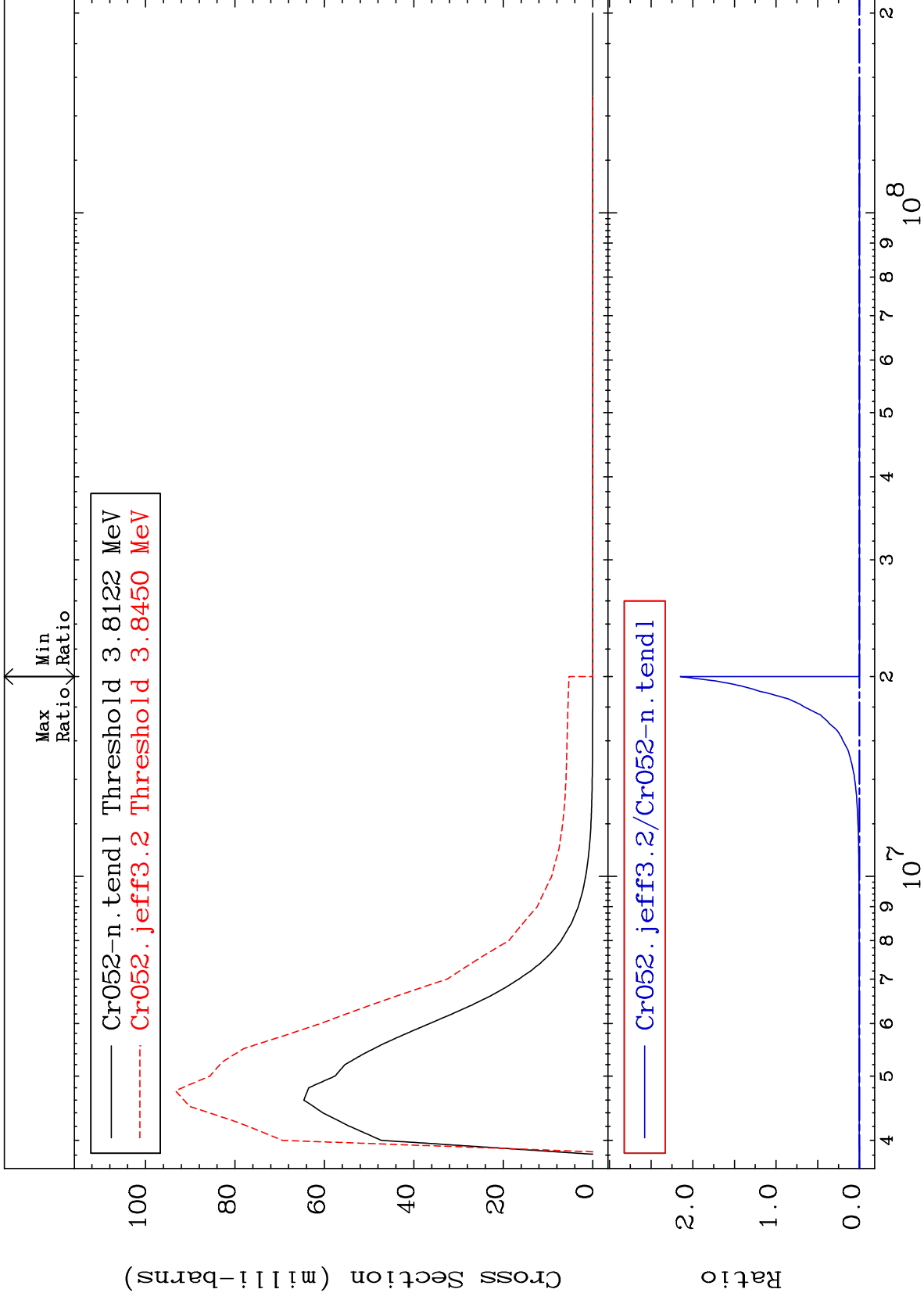
Incident Energy (eV)

<sup>24</sup>Cr-52

MAT 2431

3.740 MeV (n,n') Level  
Cross Section

24-Cr-52  
-100.0 To 9999. %



18

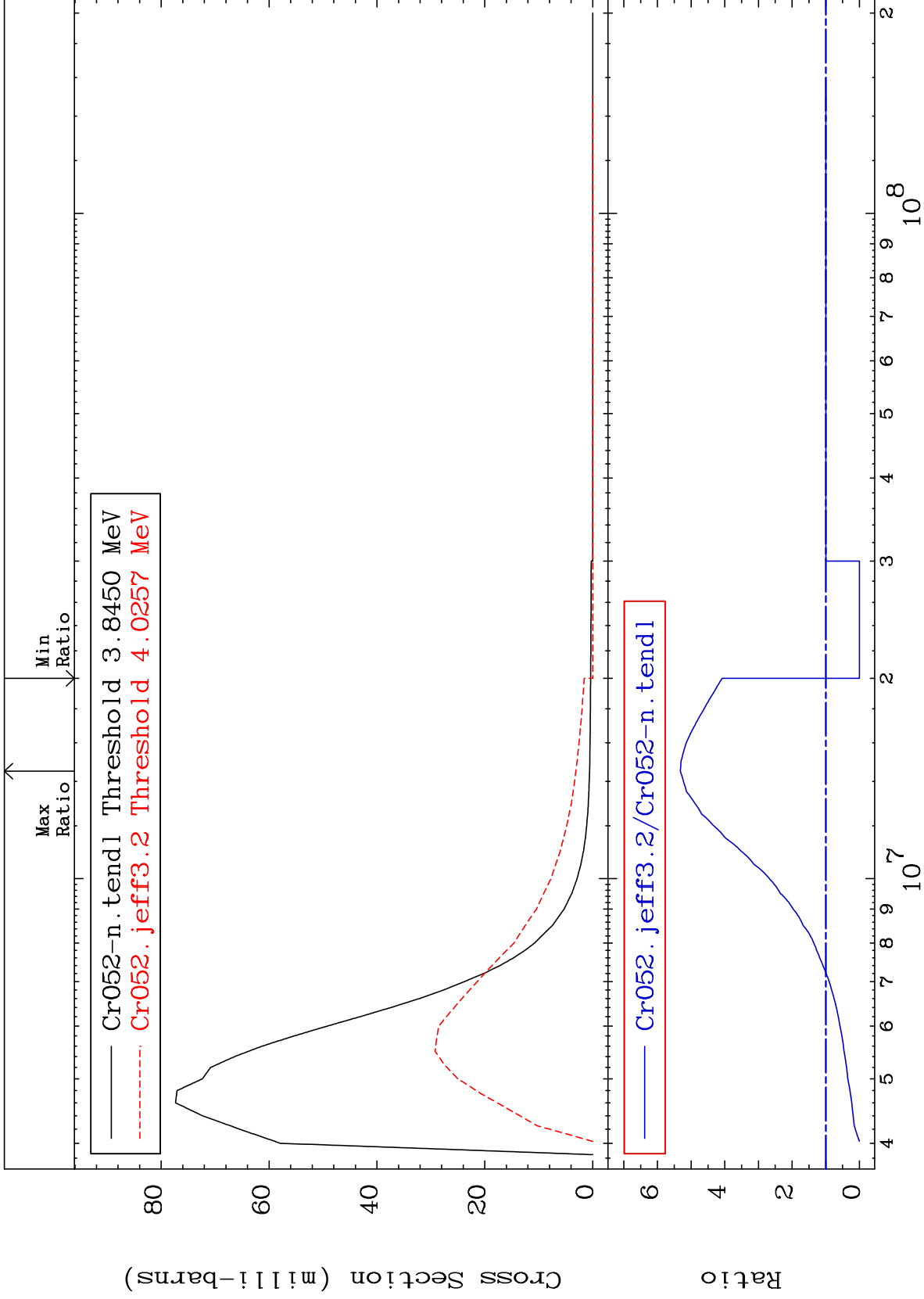
24-Cr-52

24-Cr-52

MAT 2431

3.772 MeV (n,n') Level  
Cross Section

<sup>24</sup>Cr-52  
-100.0 To 431.9 %



19

Incident Energy (eV)

<sup>24</sup>Cr-52

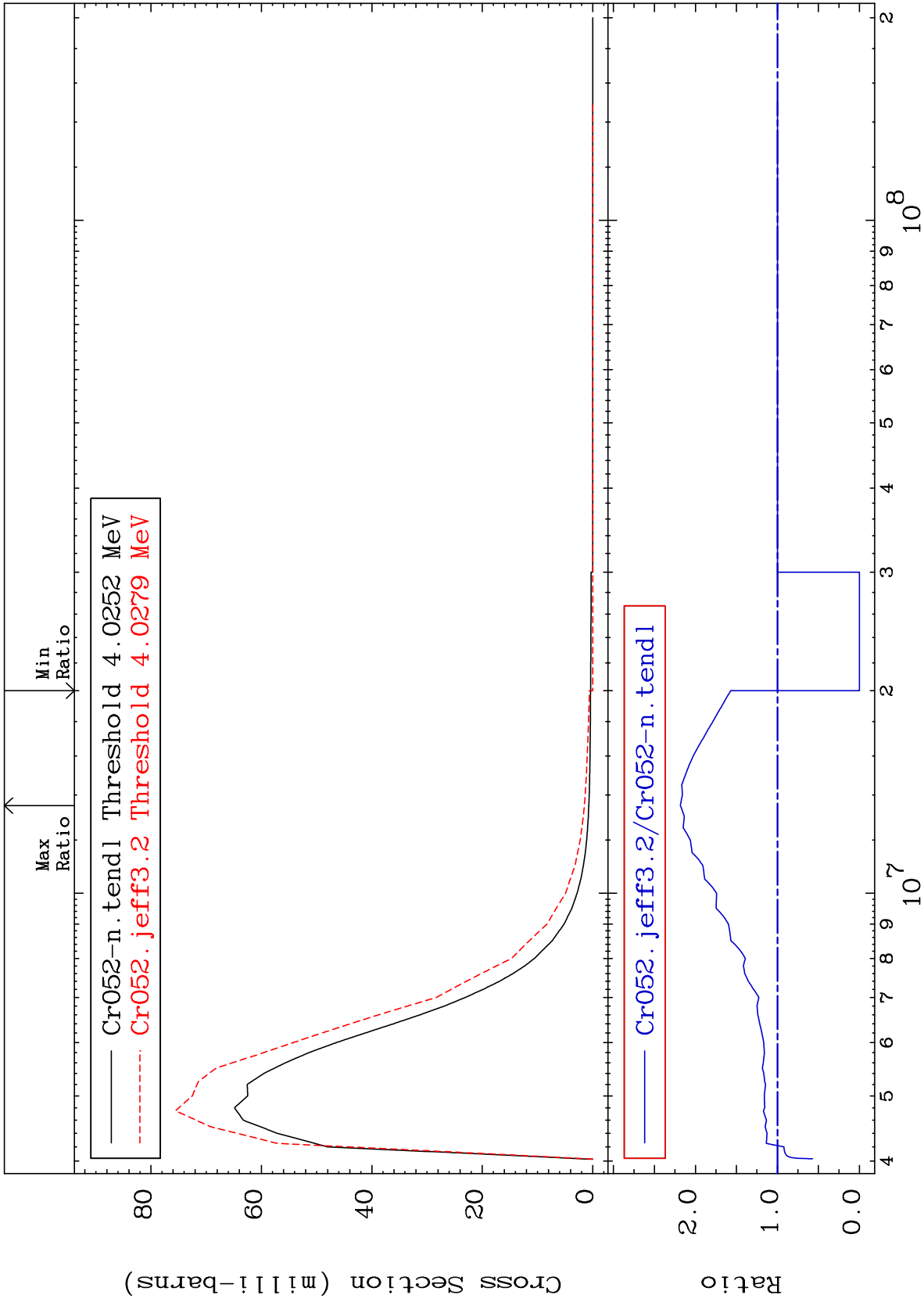
MAT 2431

3.948 MeV (n,n') Level

<sup>24</sup>Cr-52

-100.0 To 118.4 %

Cross Section



20

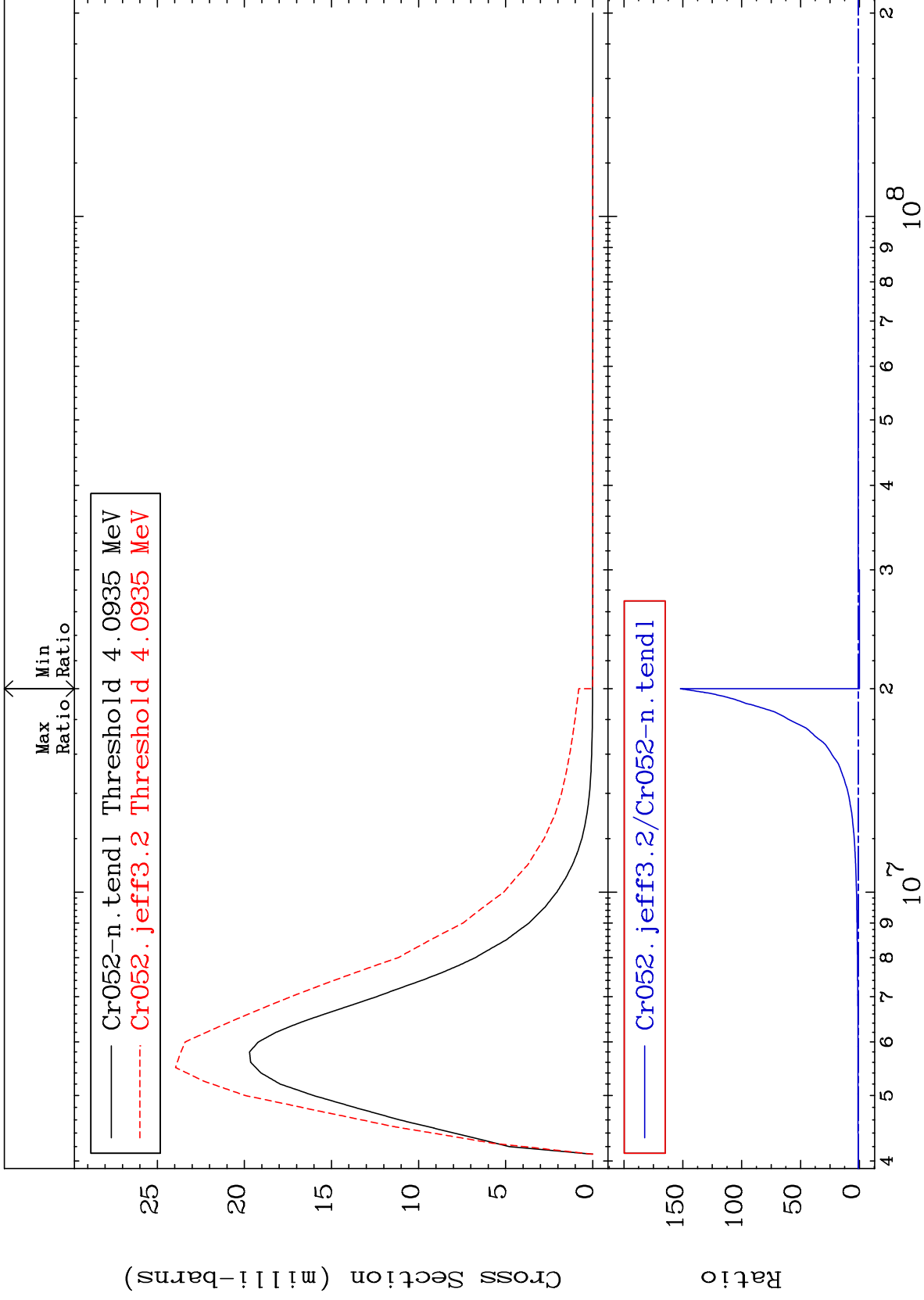
Incident Energy (eV)

<sup>24</sup>Cr-52

MAT 2431

4.016 MeV (n,n') Level  
Cross Section

24-Cr-52  
-100.0 To 9999. %



21

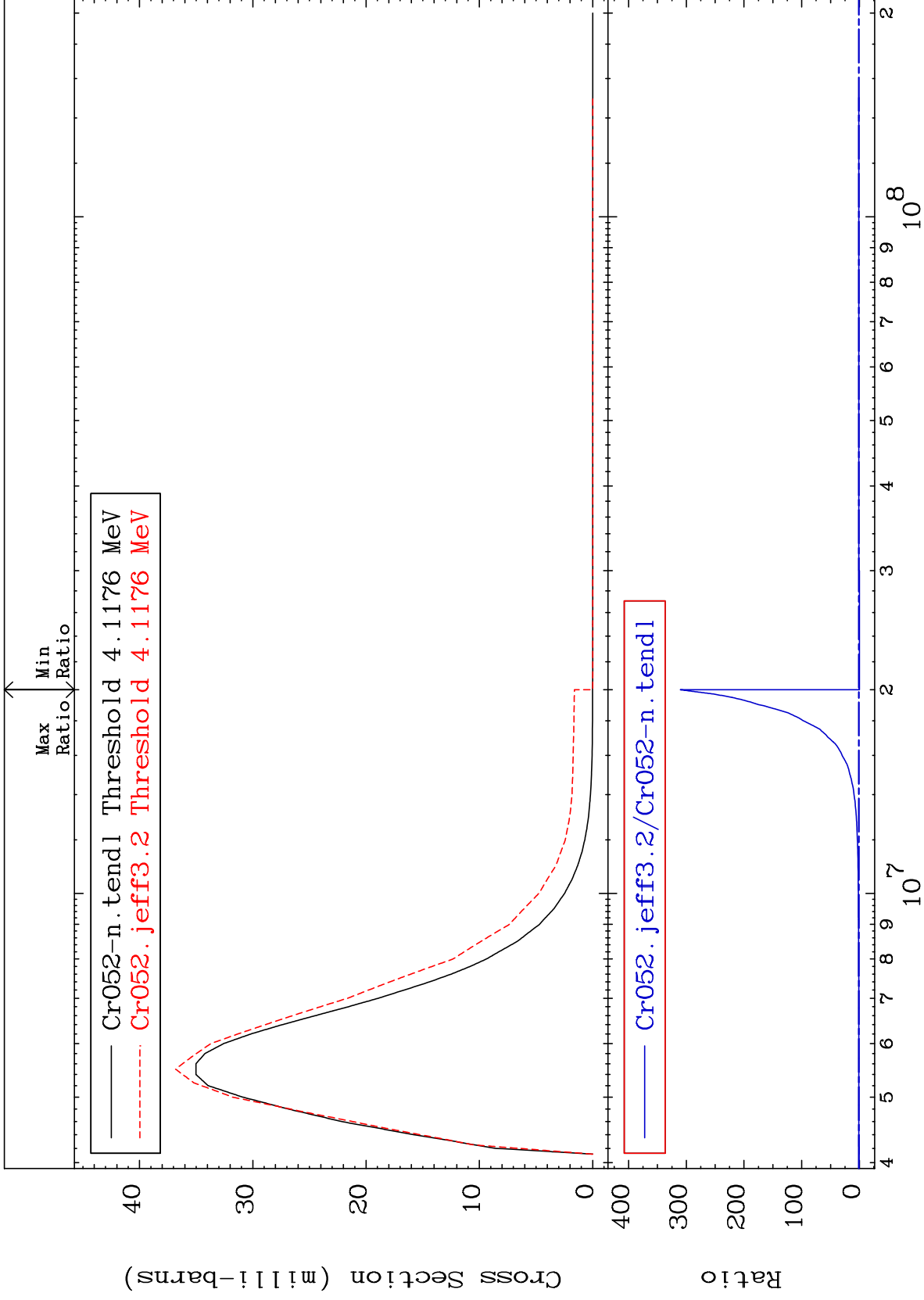
Incident Energy (eV)

24-Cr-52

MAT 2431

4.039 MeV (n,n') Level  
Cross Section

24-Cr-52  
-100.0 To 9999. %



22

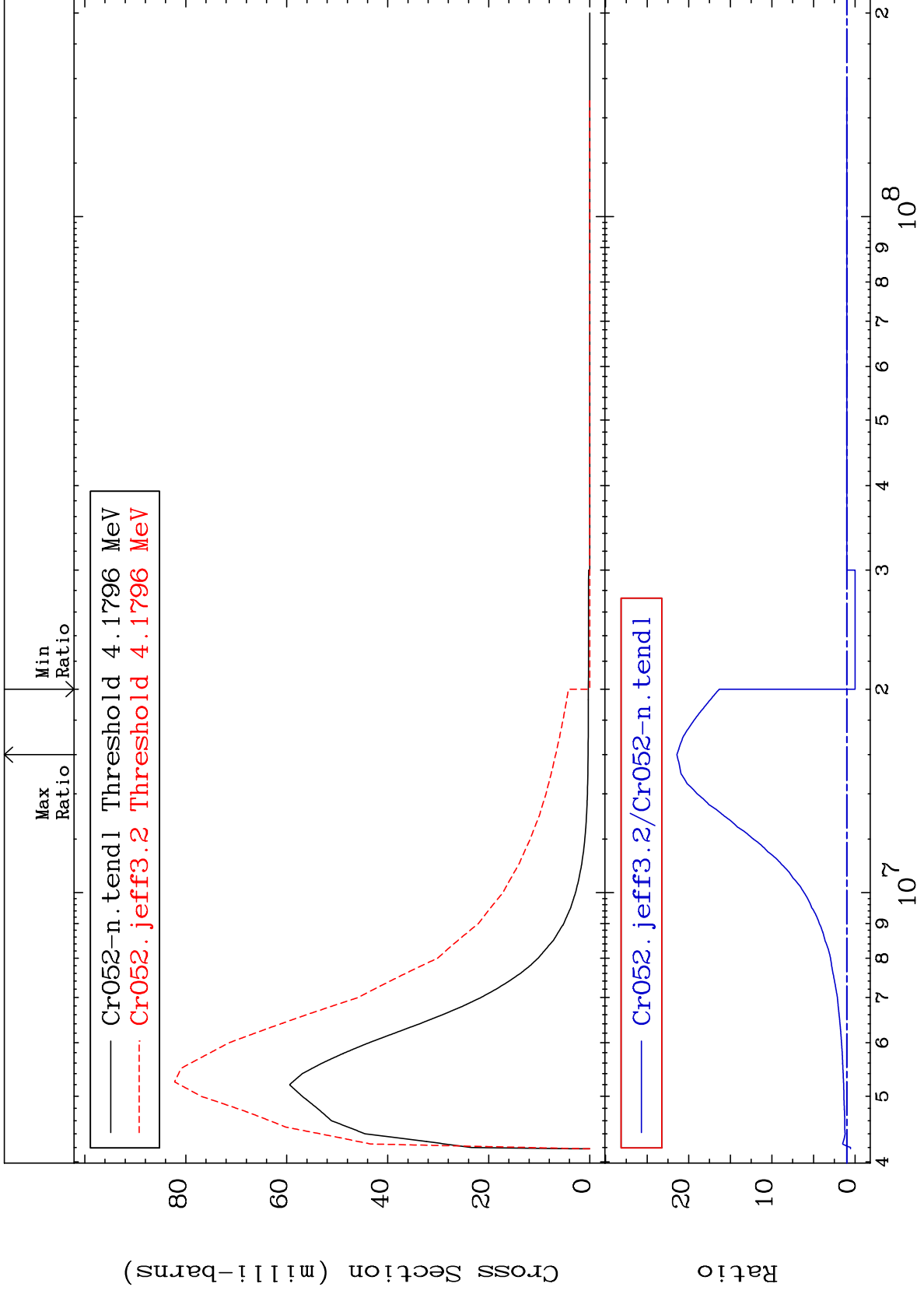
Incident Energy (eV)

24-Cr-52

MAT 2431

4.100 MeV (n,n') Level  
Cross Section

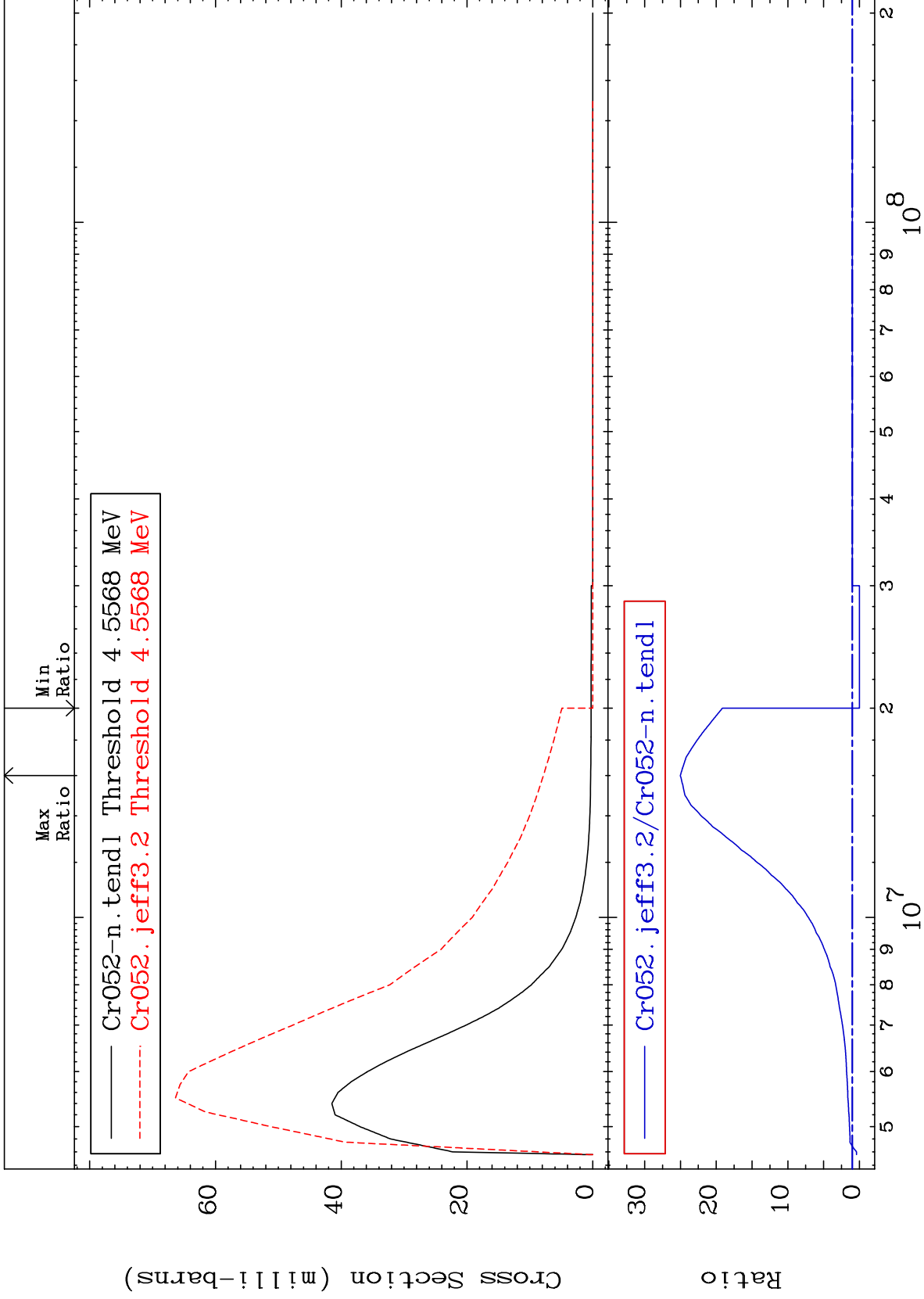
24-Cr-52  
-100.0 To 2042. %



MAT 2431

4.470 MeV (n,n') Level  
Cross Section

24-Cr-52  
-100.0 To 2401. %



24

Incident Energy (eV)

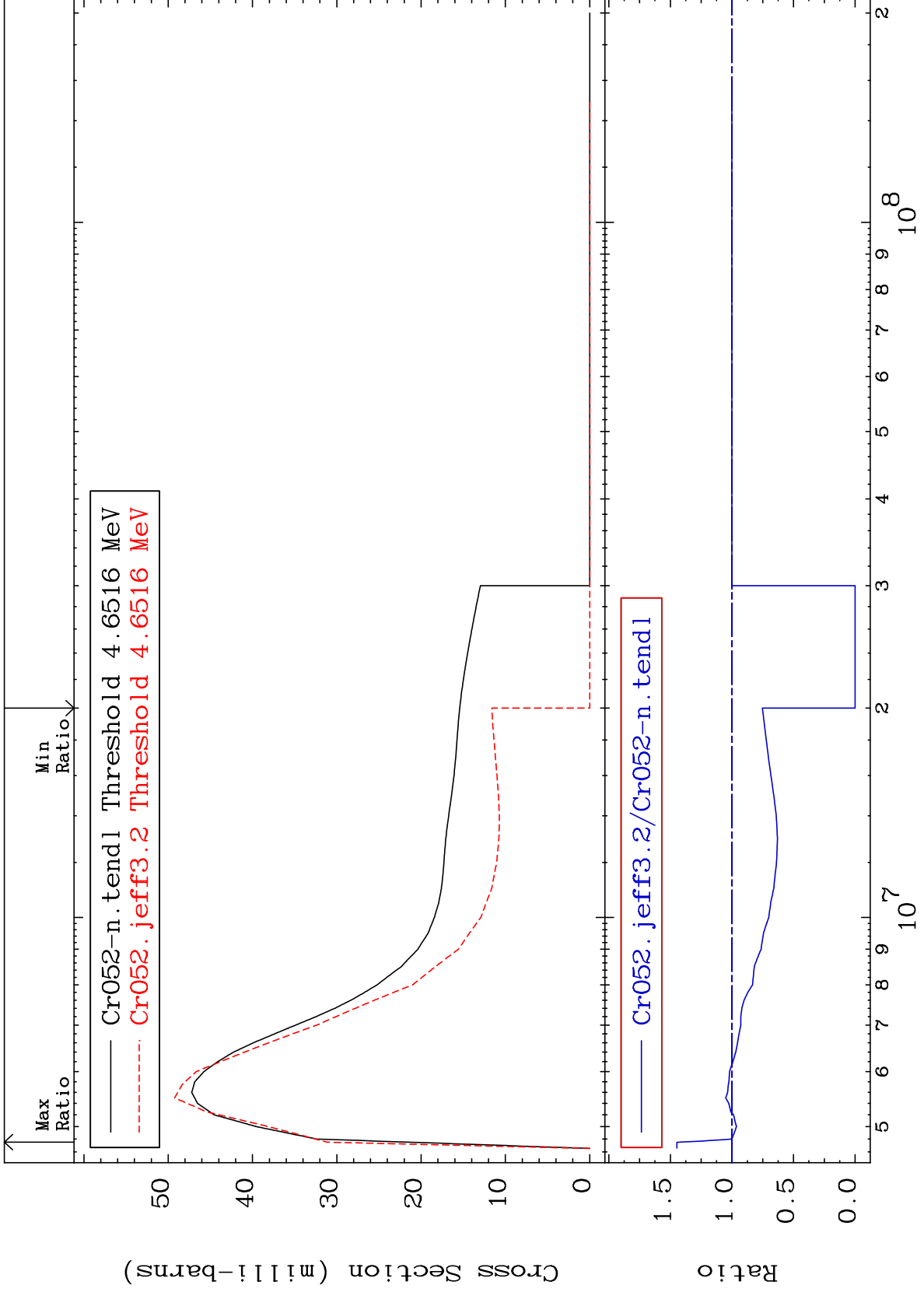
24-Cr-52



MAT 2431

4.563 MeV (n,n') Level  
Cross Section

24-Cr-52  
-100.0 To 44.68 %



25

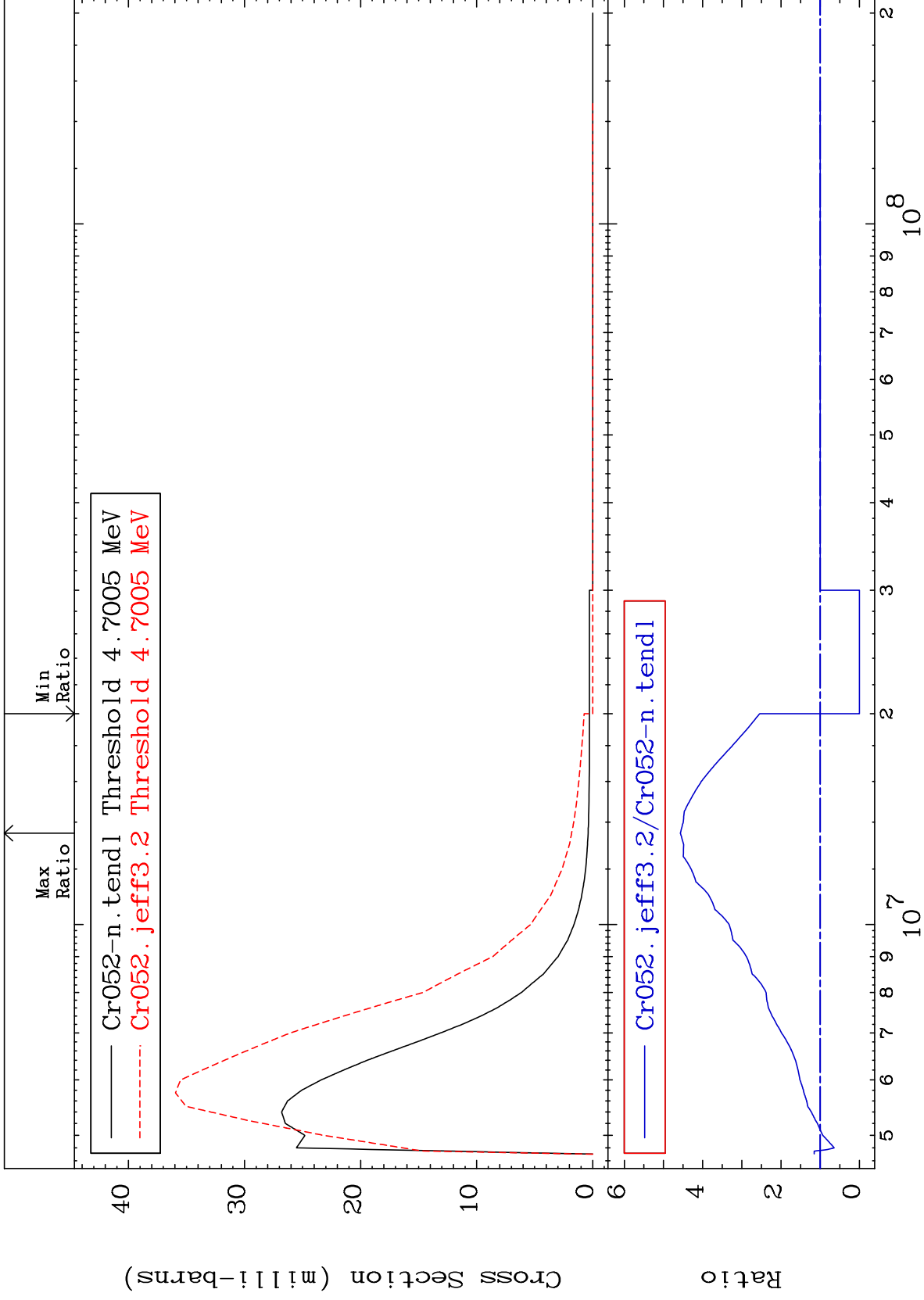
Incident Energy (eV)

24-Cr-52

MAT 2431

4.611 MeV (n,n') Level  
Cross Section

24-Cr-52  
-100.0 To 357.0 %



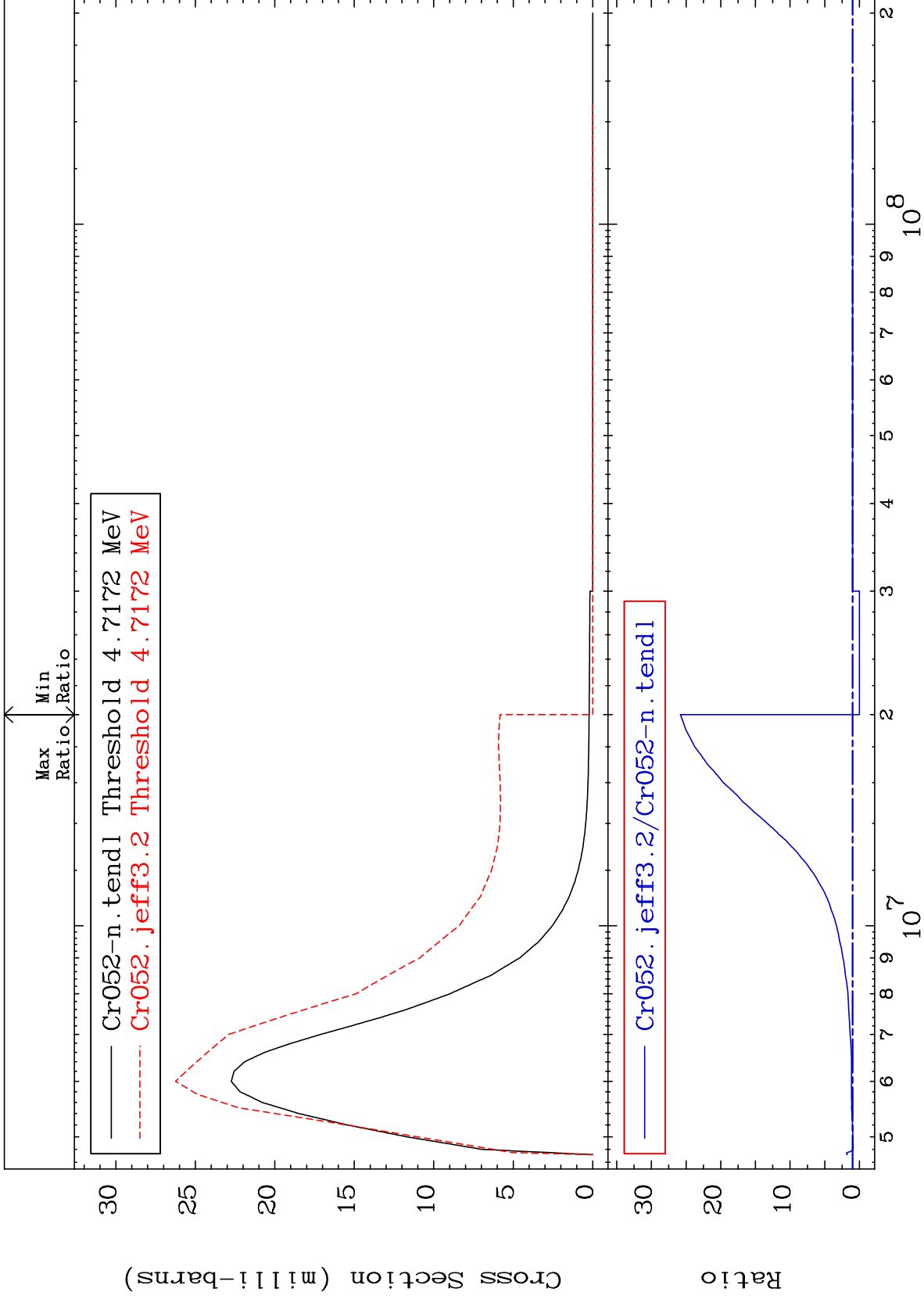
26

24-Cr-52

MAT 2431

4.627 MeV (n,n') Level  
Cross Section

24-Cr-52  
-100.0 To 2482. %



27

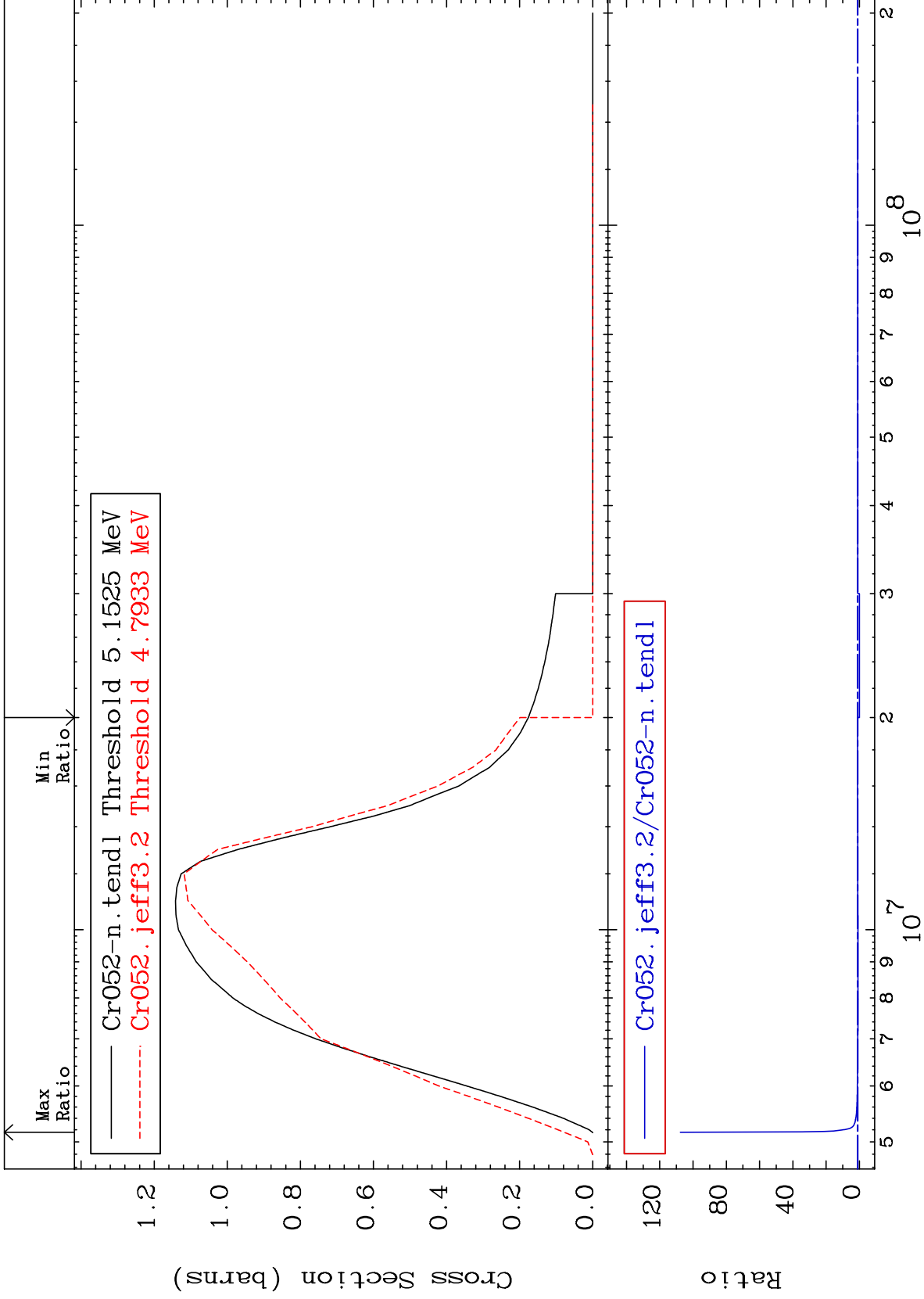
Incident Energy (eV)

24-Cr-52

MAT 2431

(n, n') Continuum  
Cross Section

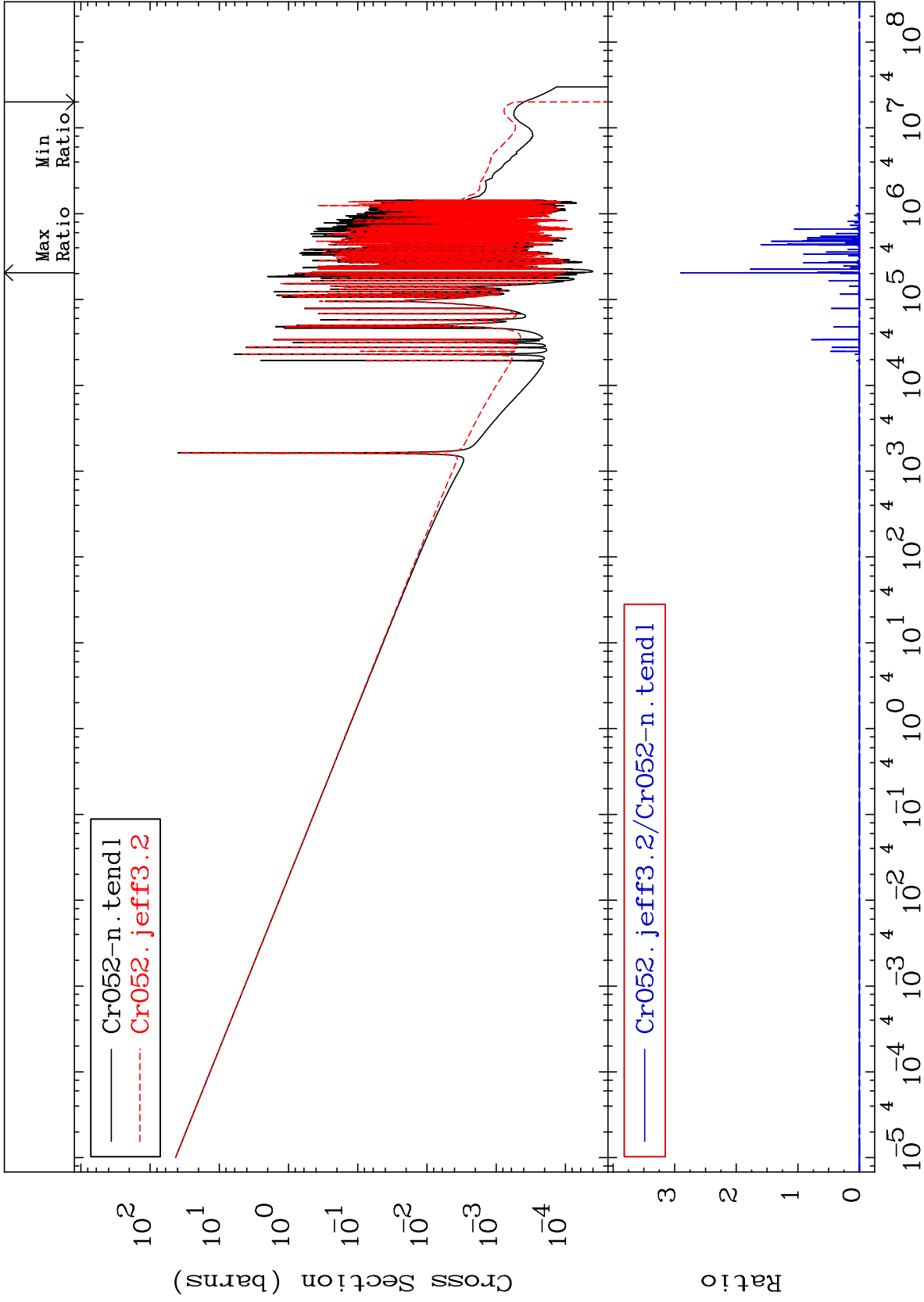
24-Cr-52  
-100.0 To 9999. %



MAT 2431

(n,  $\gamma$ )  
Cross Section

24-Cr-52  
-100.0 To 9999. %



29

Incident Energy (eV)

24-Cr-52

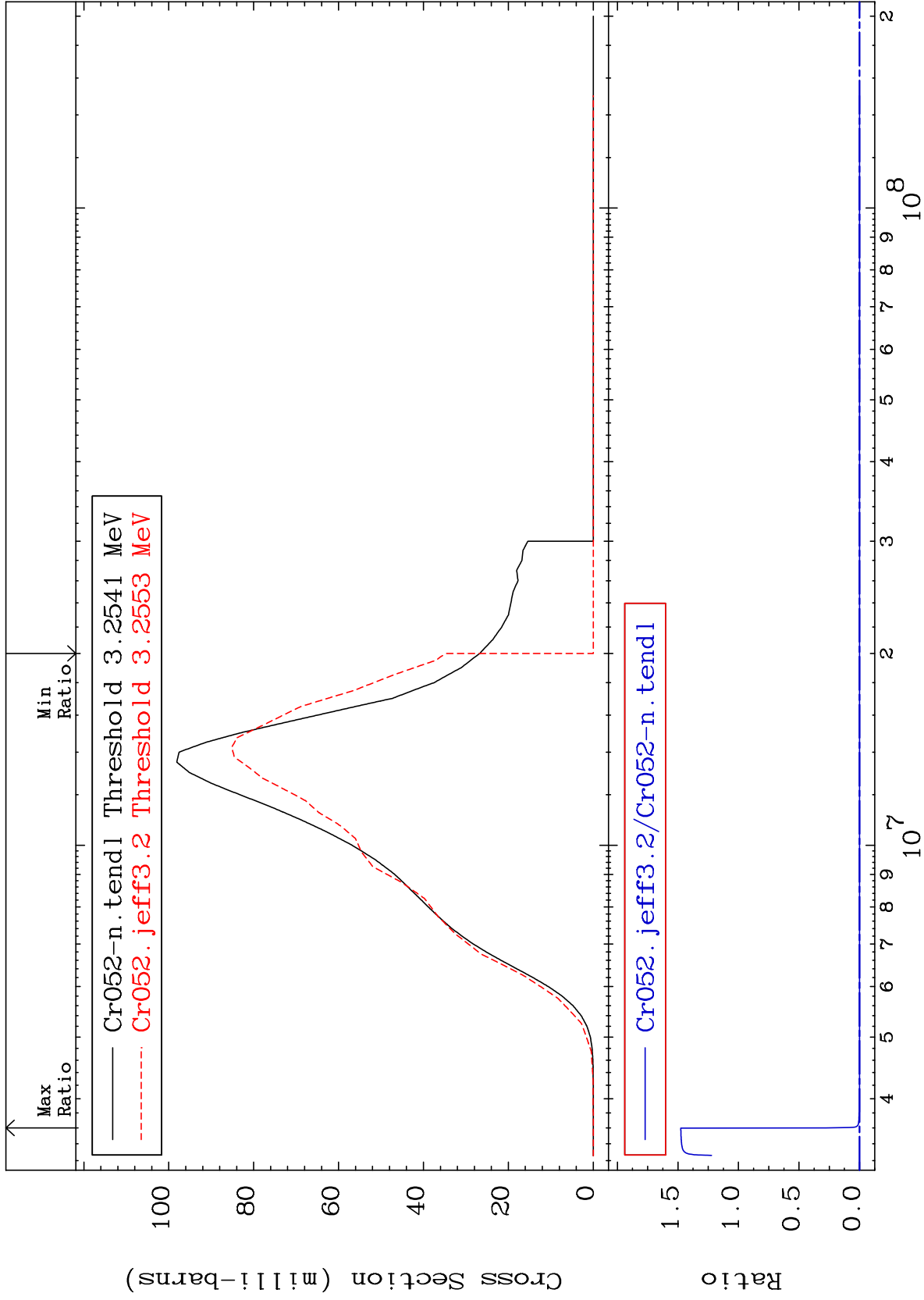
MAT 2431

(n,p)

<sup>24</sup>Cr-52

Cross Section

-100.0 To 9999. %



30

Incident Energy (eV)

<sup>24</sup>Cr-52

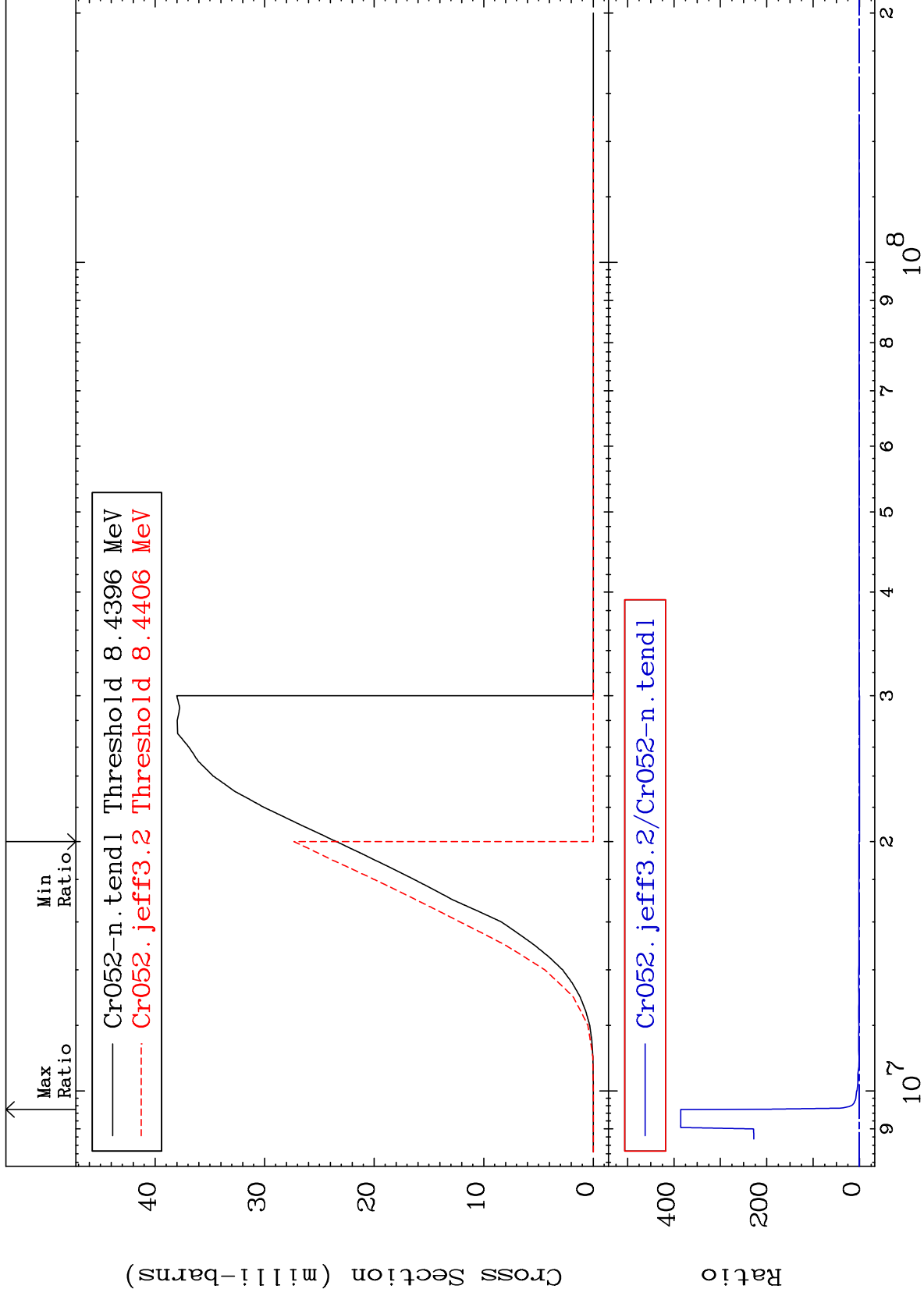
MAT 2431

(n, d)

<sup>24</sup>Cr-52

Cross Section

-100.0 To 9999. %



31

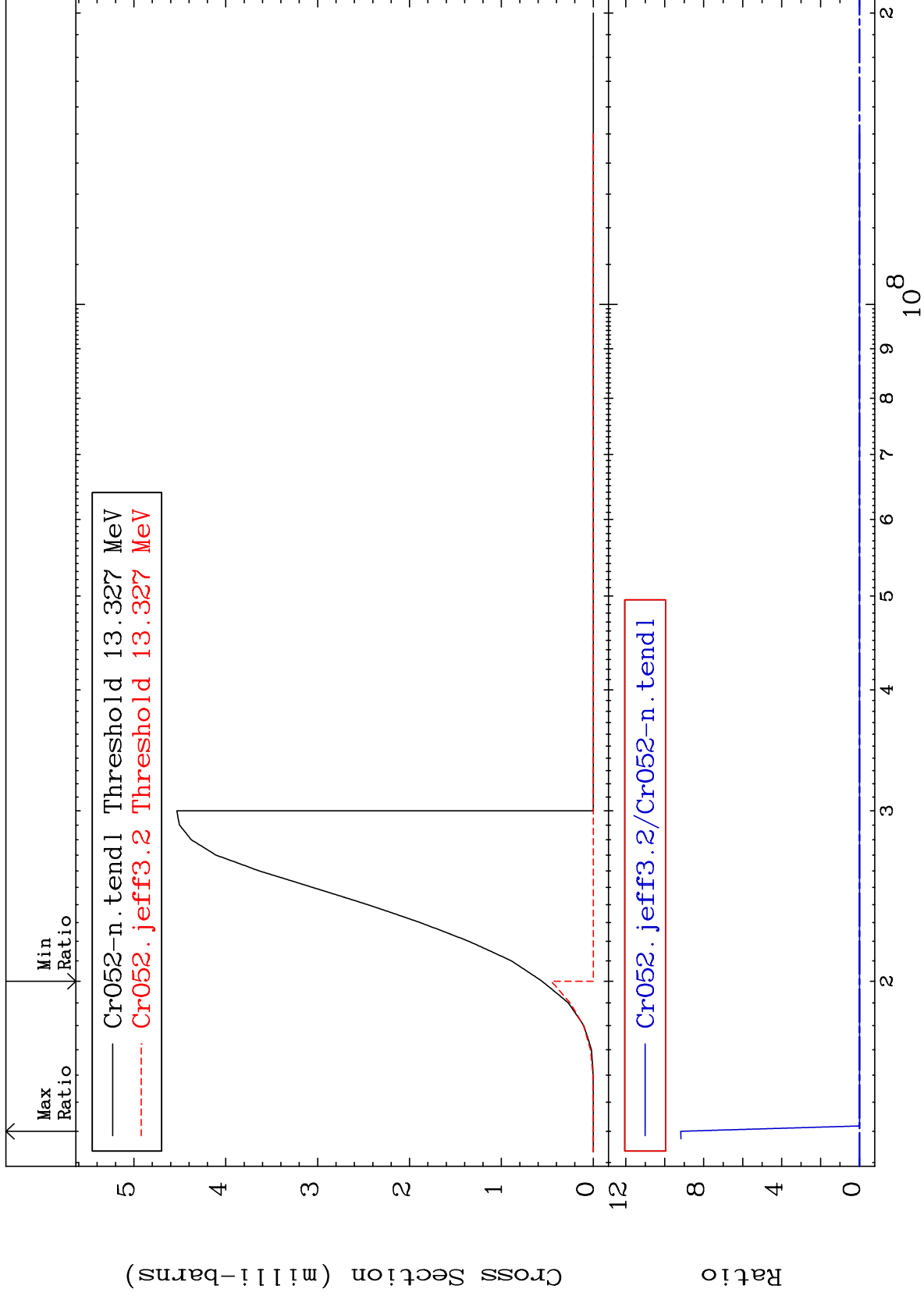
Incident Energy (eV)

<sup>24</sup>Cr-52

MAT 2431

(n, t)  
Cross Section

<sup>24</sup>Cr-52  
-100.0 To 9999. %

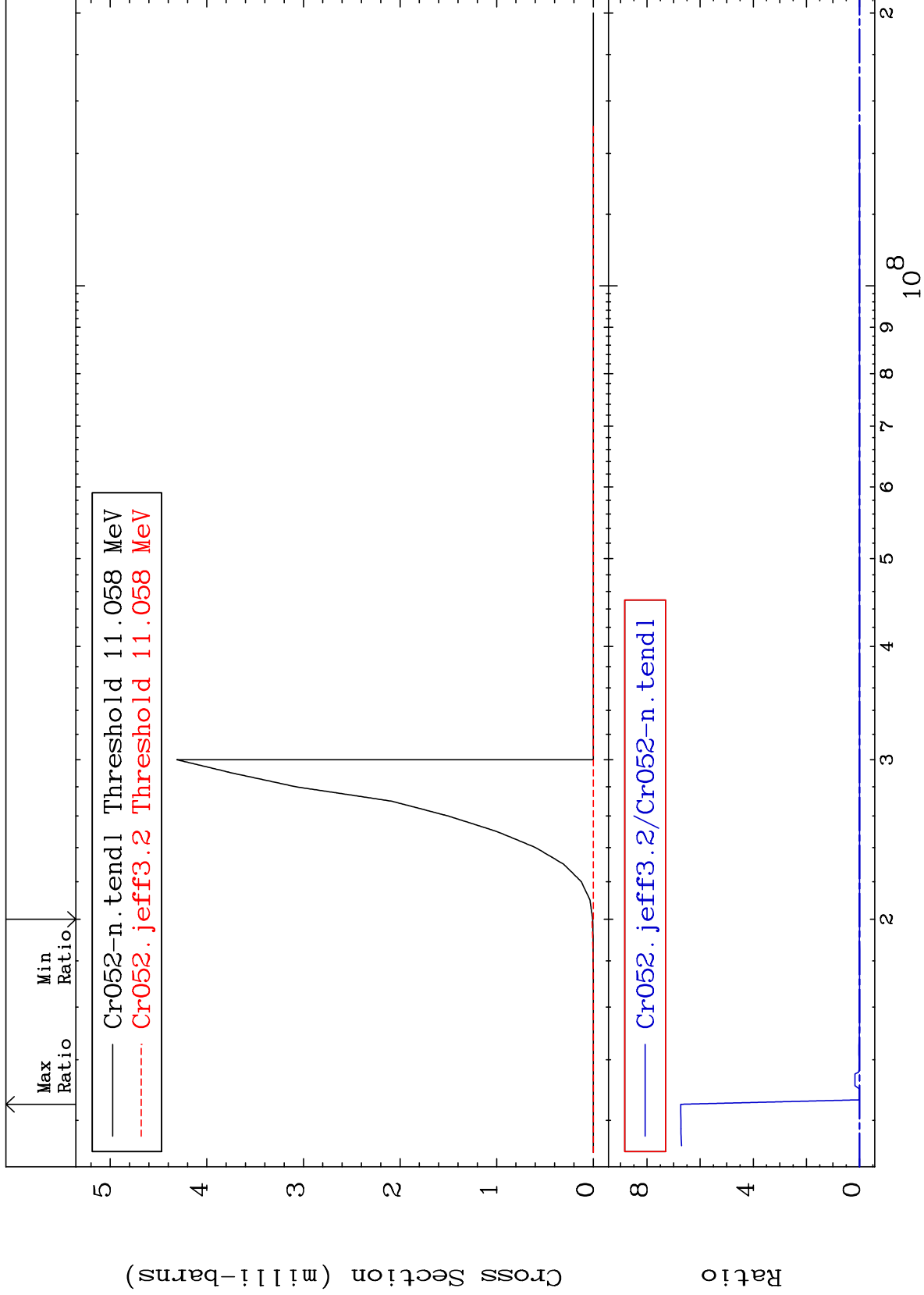


32

Incident Energy (eV)

<sup>24</sup>Cr-52





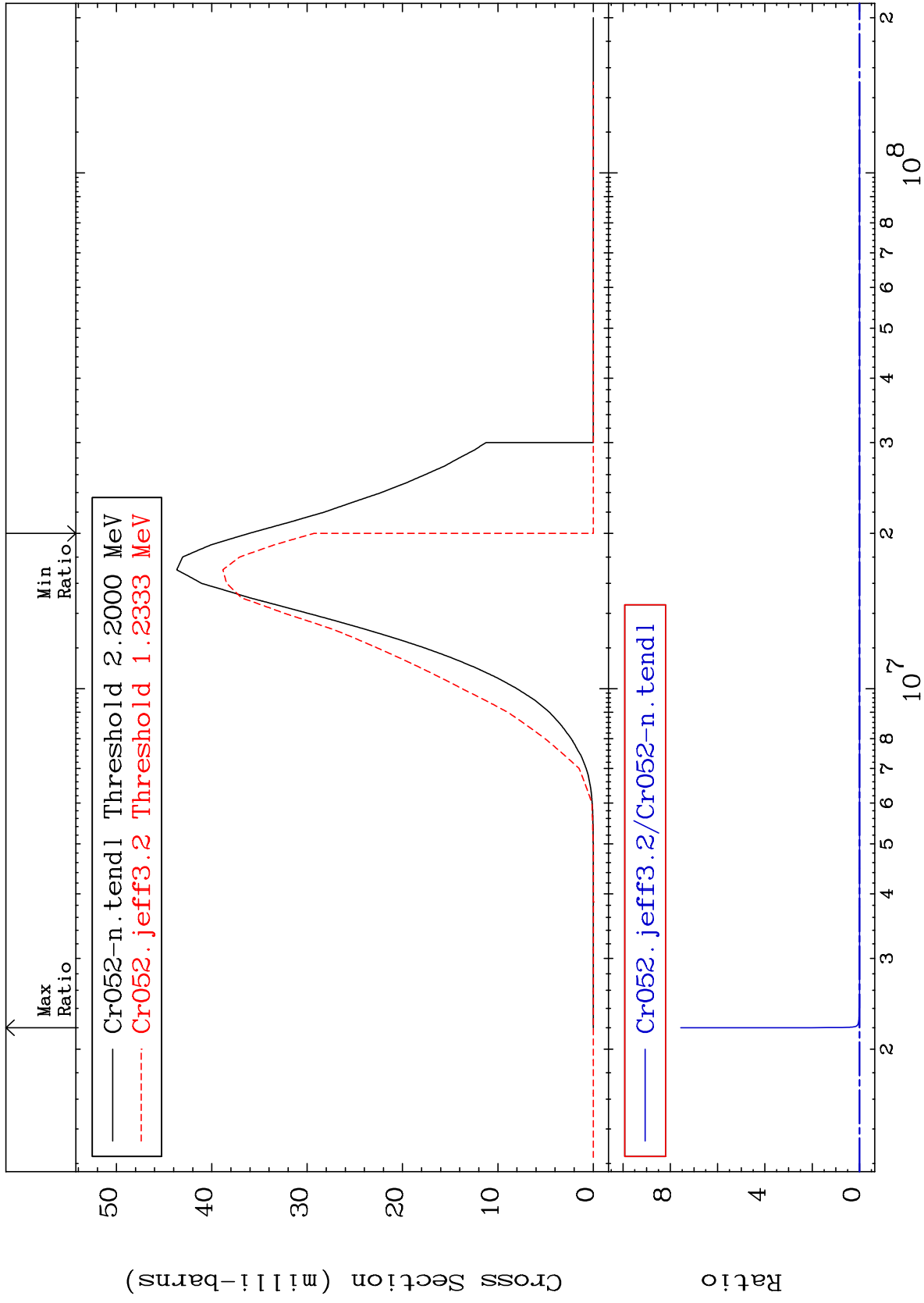
MAT 2431

(n,  $\alpha$ )

<sup>24</sup>Cr-52

Cross Section

-100.0 To 9999. %



34

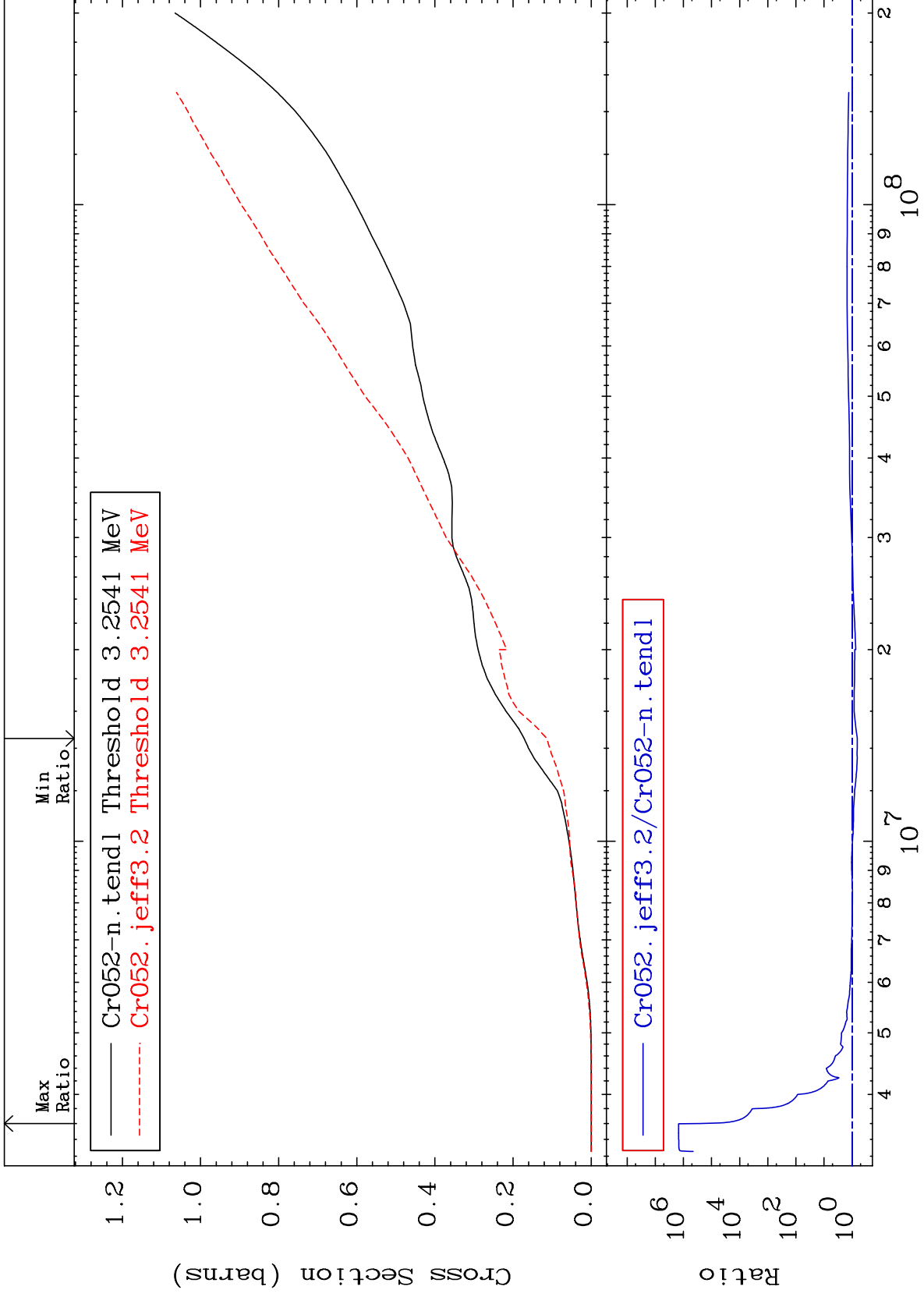
Incident Energy (eV)

<sup>24</sup>Cr-52

MAT 2431

Hydrogen Production  
Cross Section

<sup>24</sup>Cr-52  
-33.93 To 9999. %



35

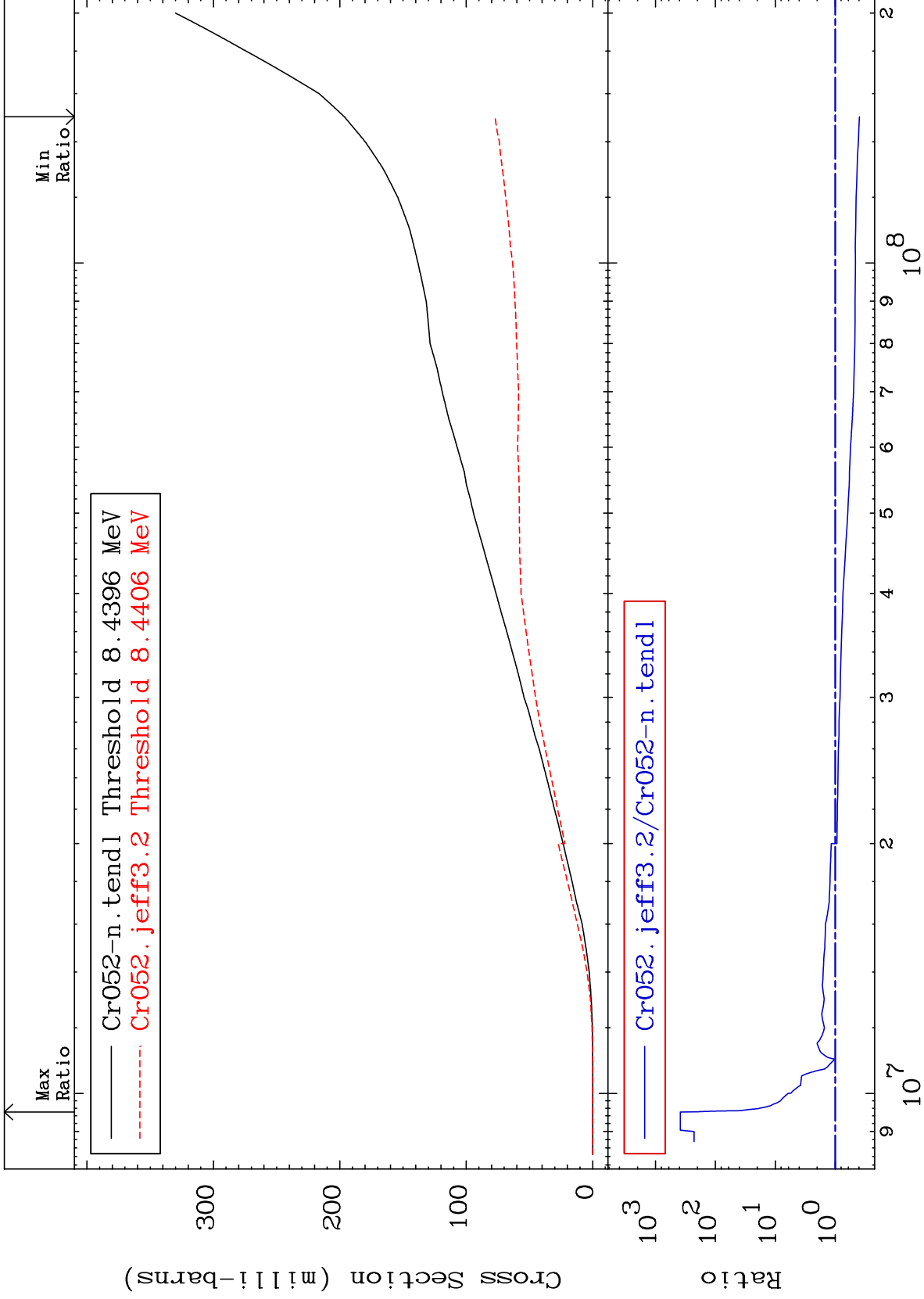
Incident Energy (eV)

<sup>24</sup>Cr-52

MAT 2431

Deuterium Production  
Cross Section

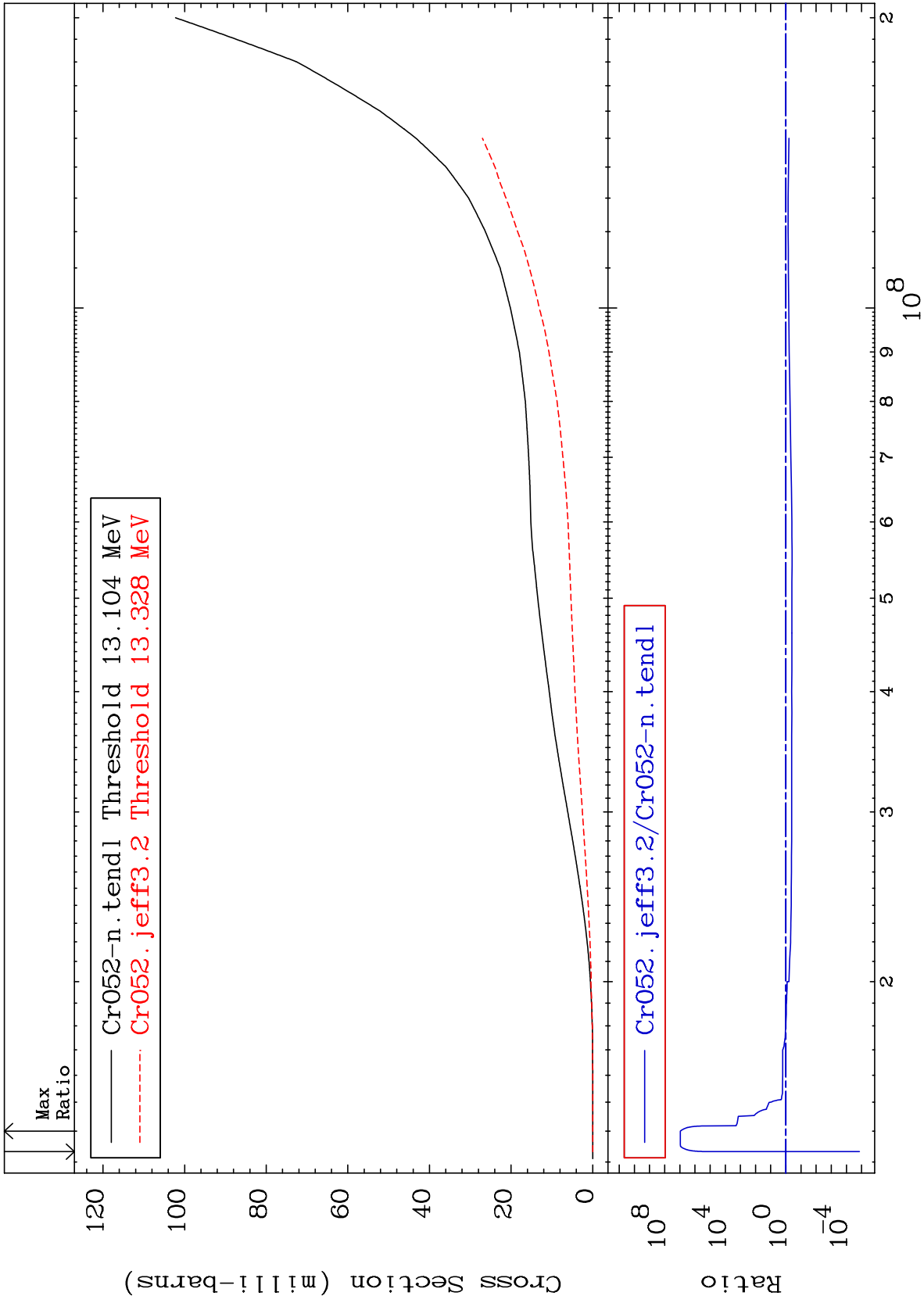
<sup>24</sup>Cr-52  
-60.66 To 9999. %



36

Incident Energy (eV)

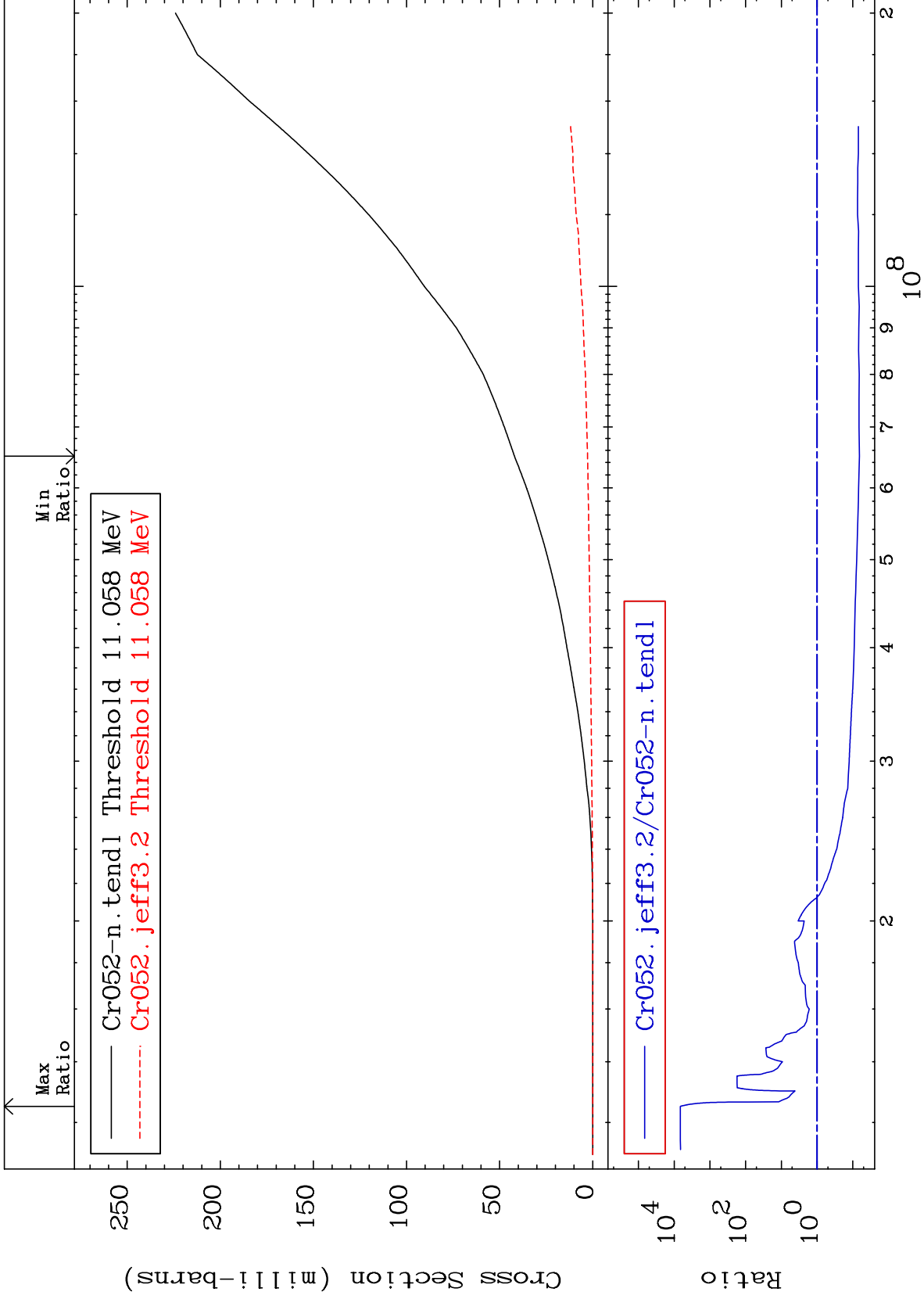
<sup>24</sup>Cr-52

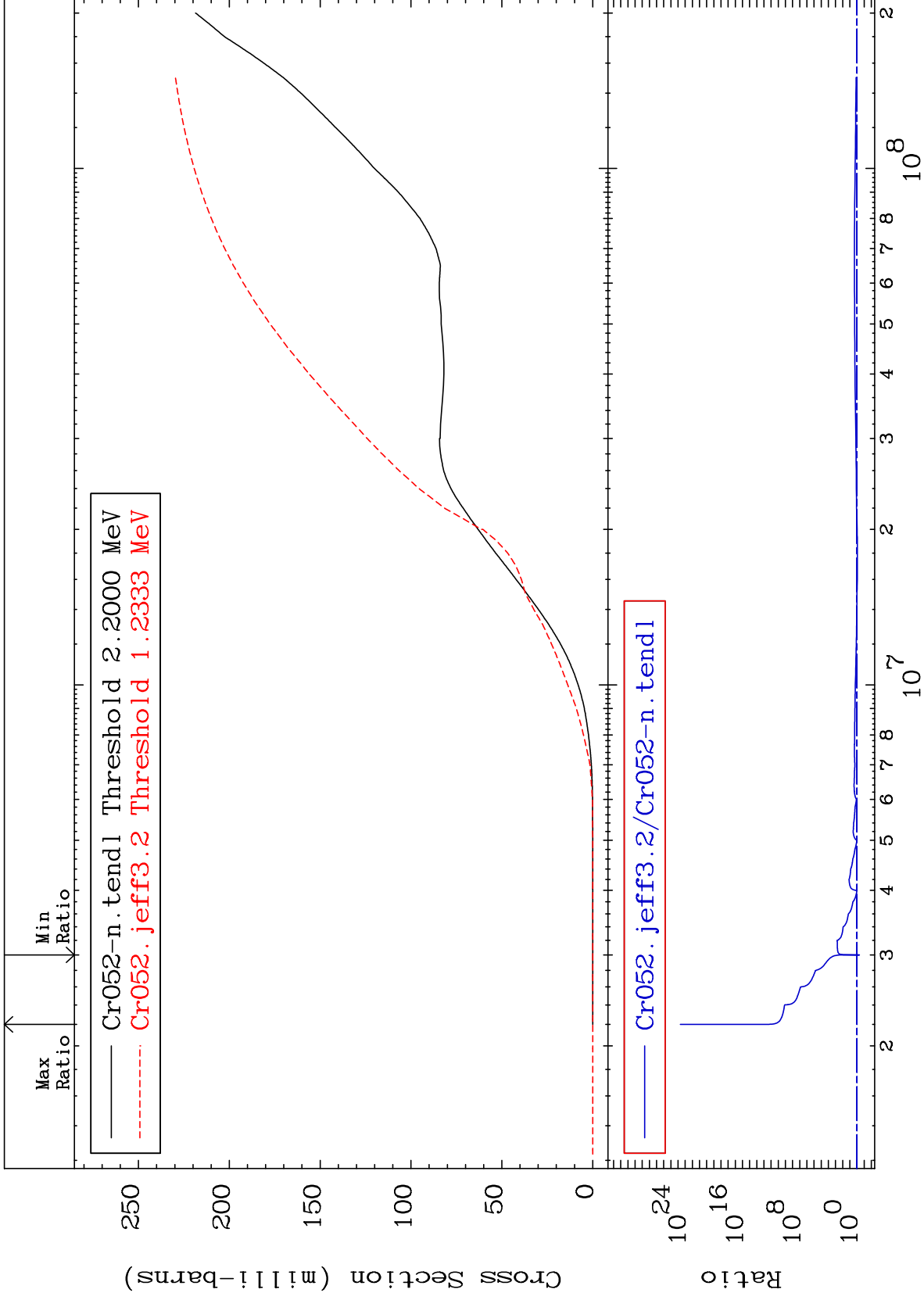


MAT 2431

He-3 Production  
Cross Section

<sup>24</sup>Cr-52  
-93.45 To 9999. %

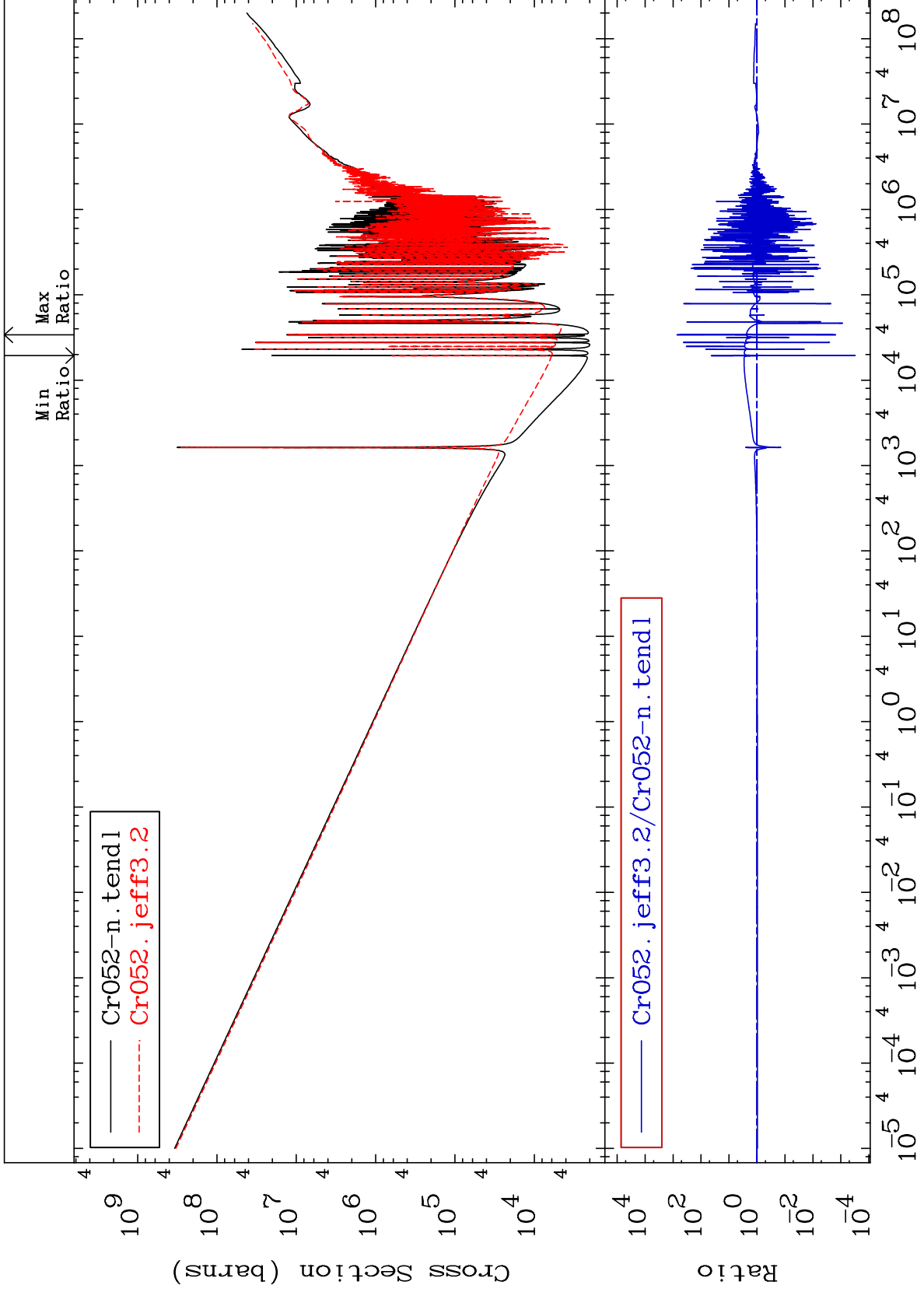




MAT 2431

Kerma total (eV-barns)  
Cross Section

24-Cr-52  
-99.97 To 9999. %



40

Incident Energy (eV)

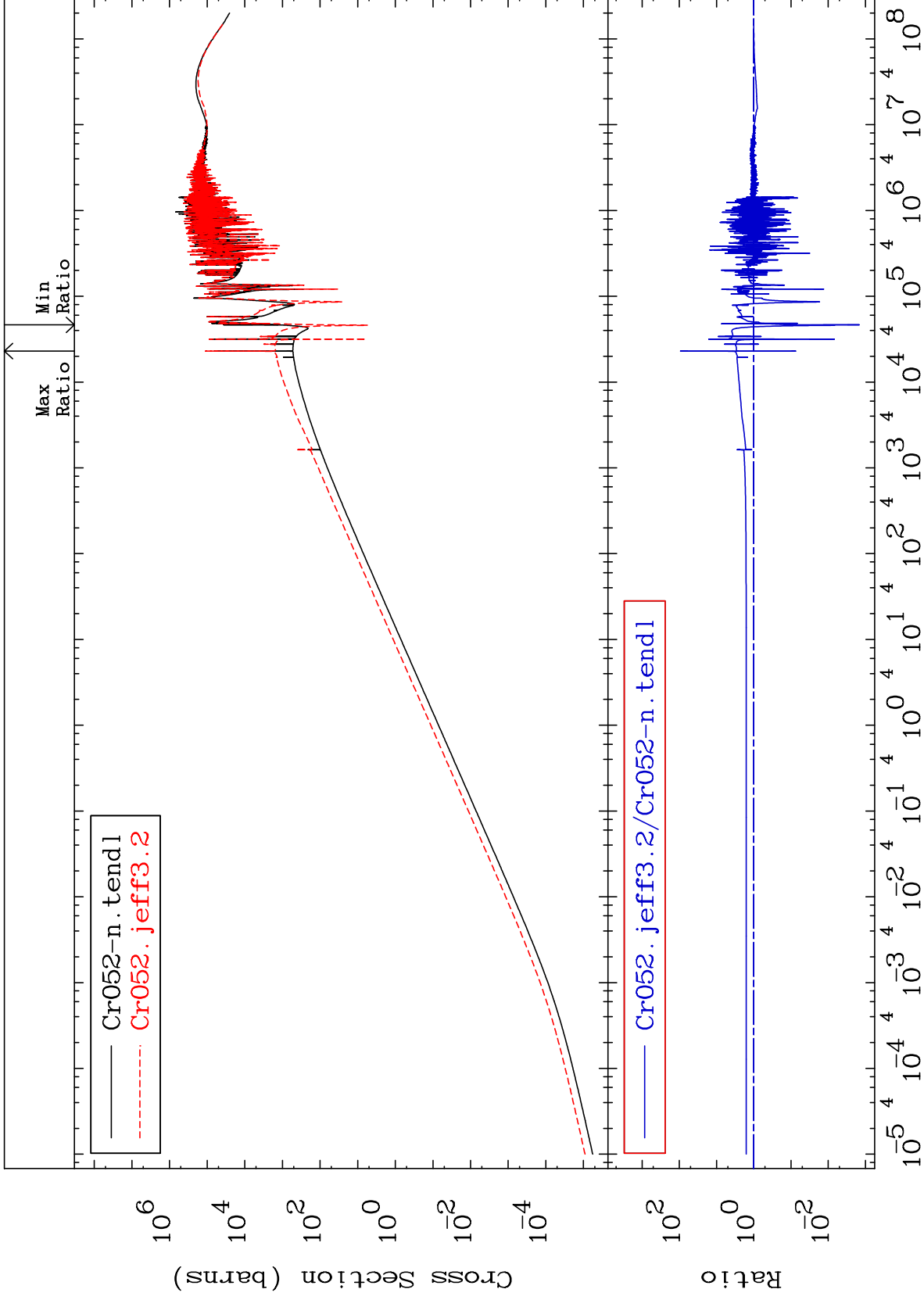
24-Cr-52



MAT 2431

Kerma elastic  
Cross Section

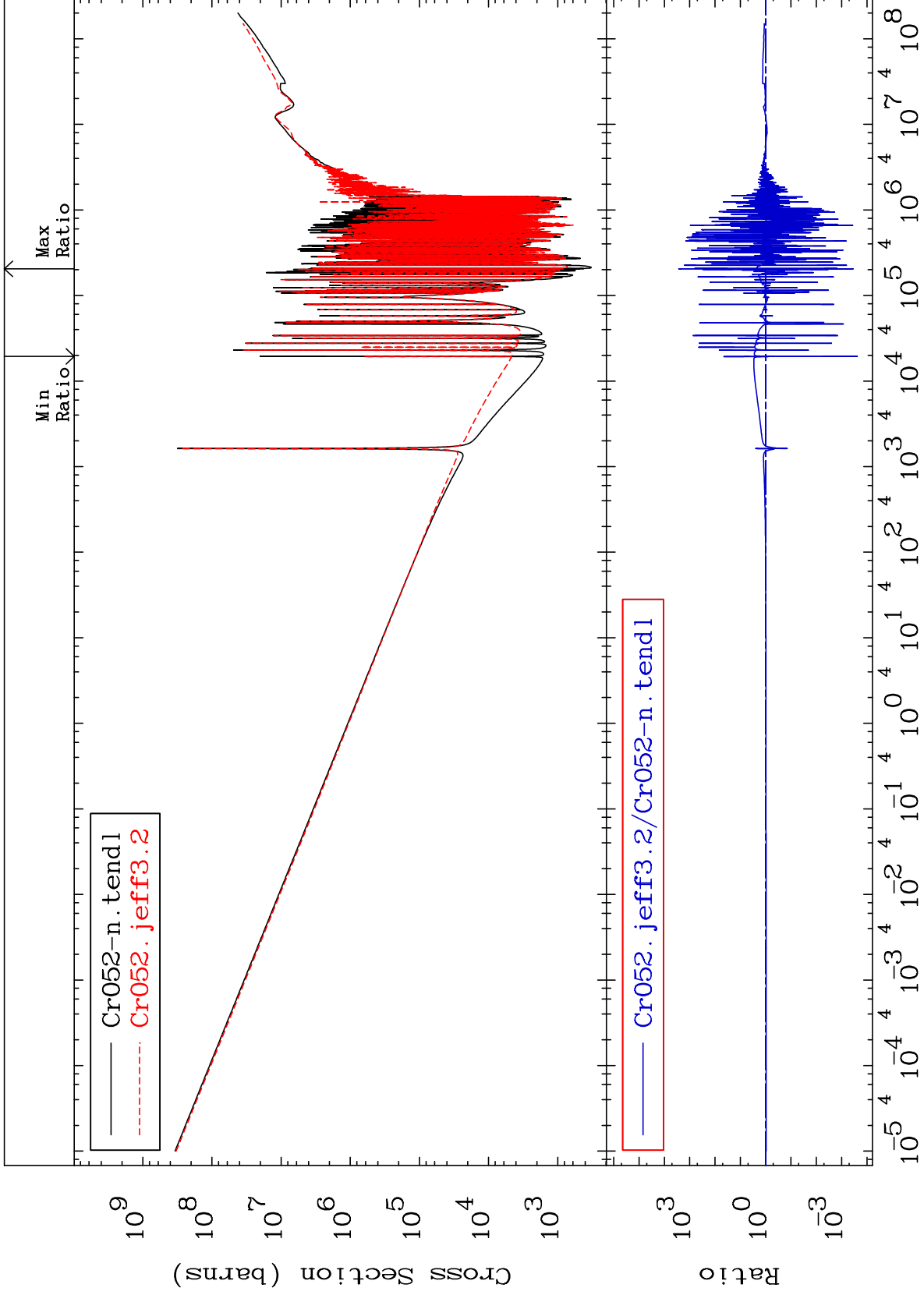
24-Cr-52  
-99.85 To 9278. %



MAT 2431

Kerma non-elastic (all but mt2)  
Cross Section

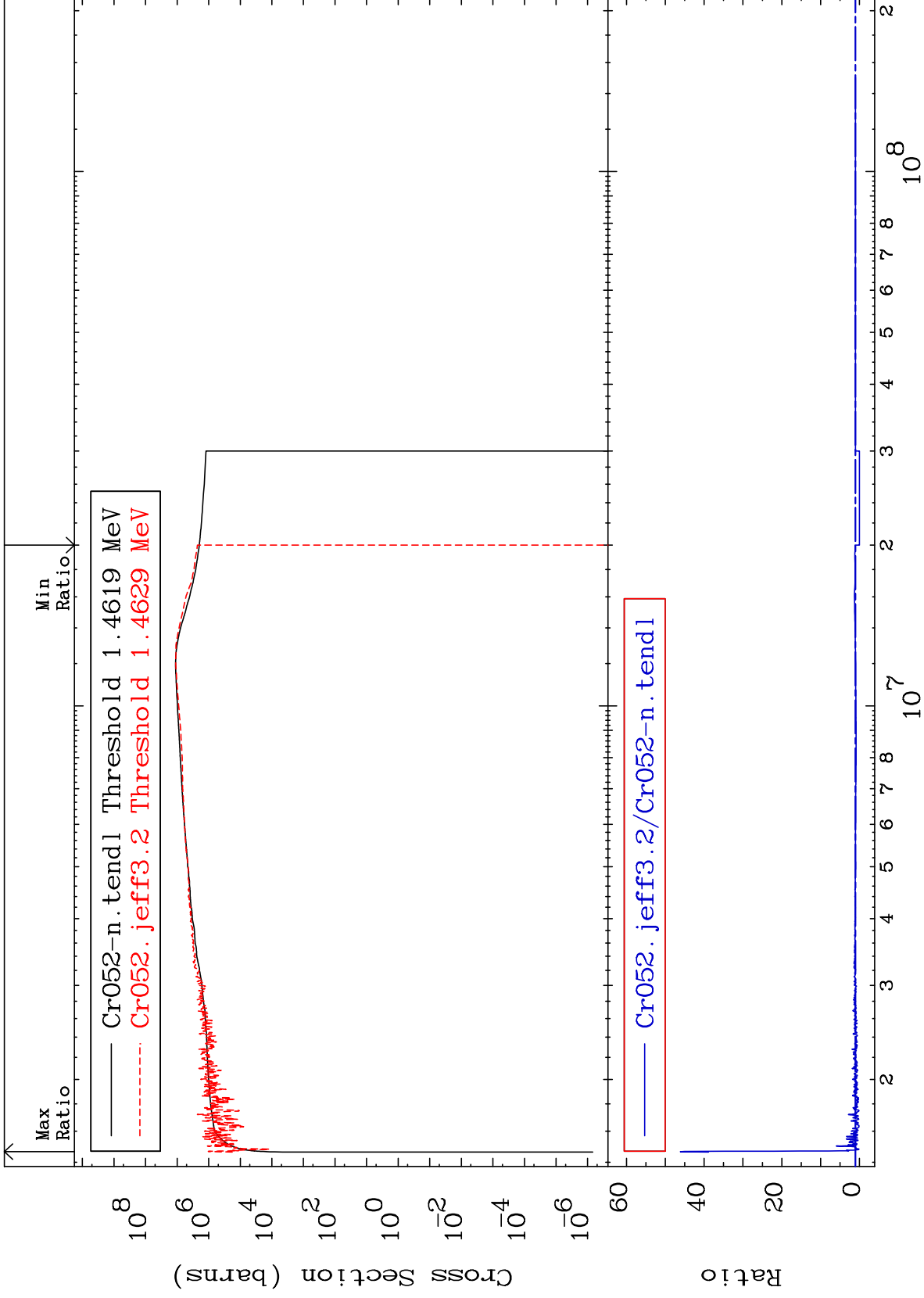
24-Cr-52  
-99.98 To 9999. %



42

Incident Energy (eV)

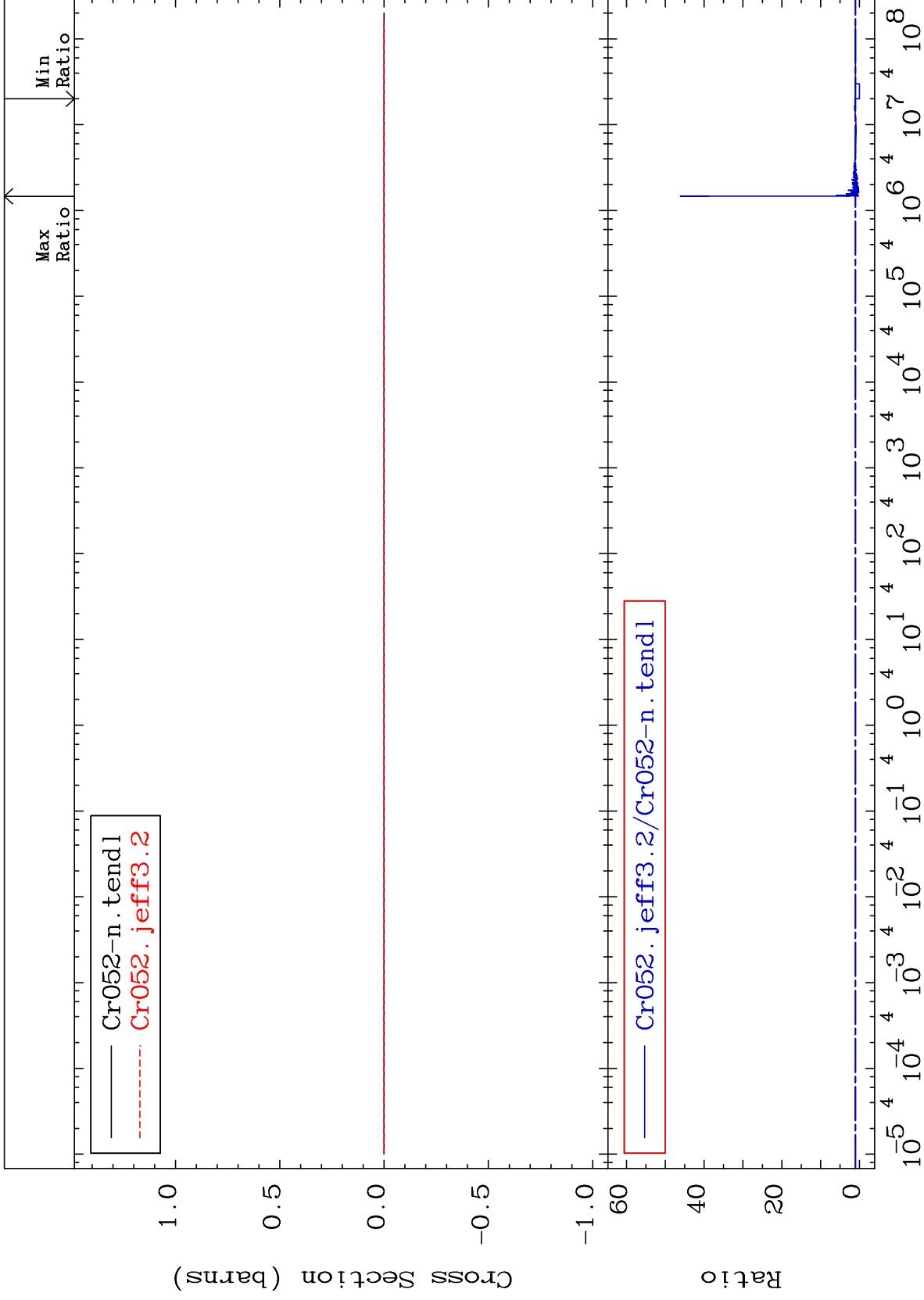
24-Cr-52



MAT 2431

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

24-Cr-52  
-100.0 To 4513. %



44

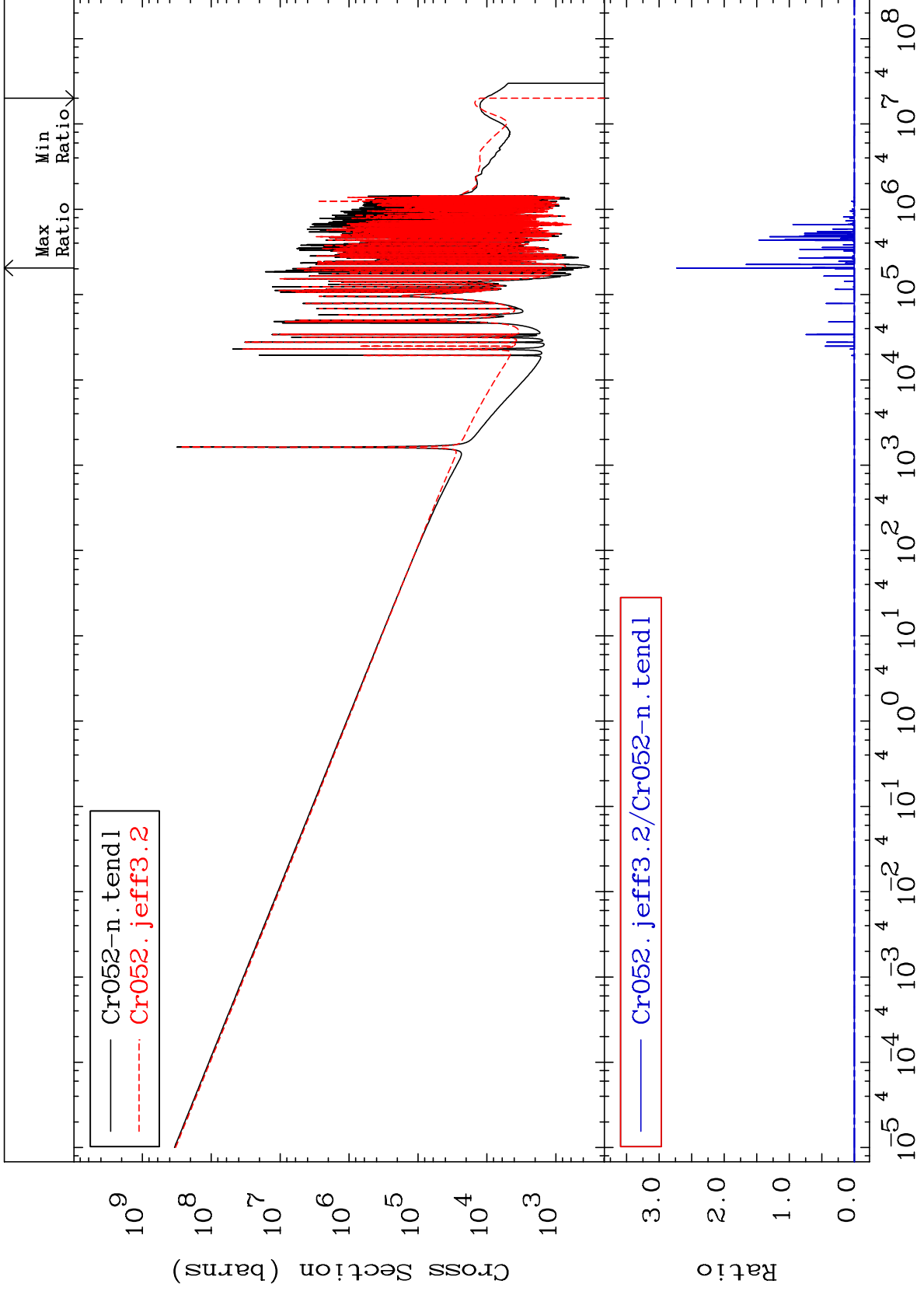
Incident Energy (eV)

24-Cr-52

MAT 2431

Kerma capture (mt102)  
Cross Section

24-Cr-52  
-100.0 To 9999. %



45

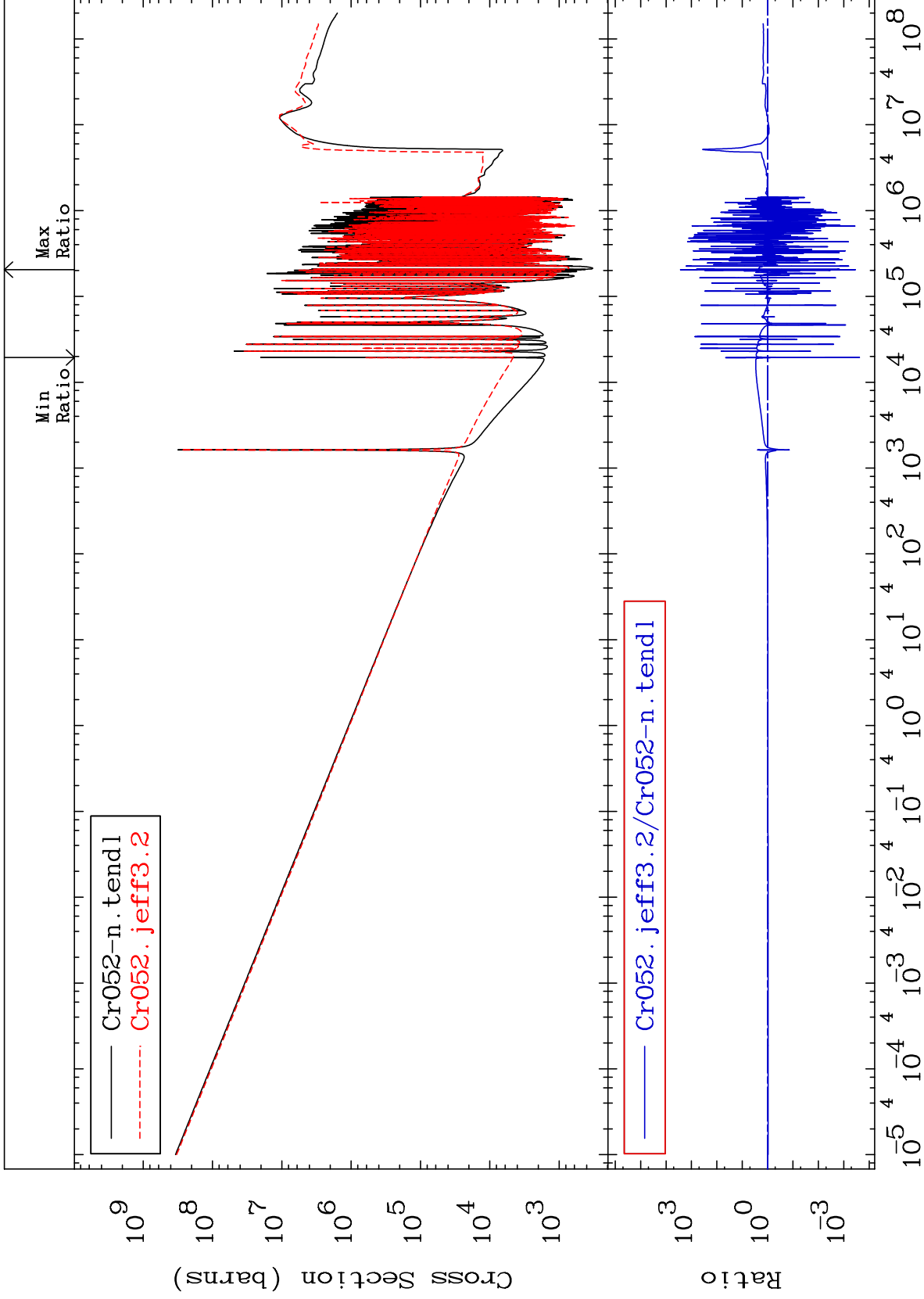
Incident Energy (eV)

24-Cr-52

MAT 2431

Total photon (eV-barns)  
Cross Section

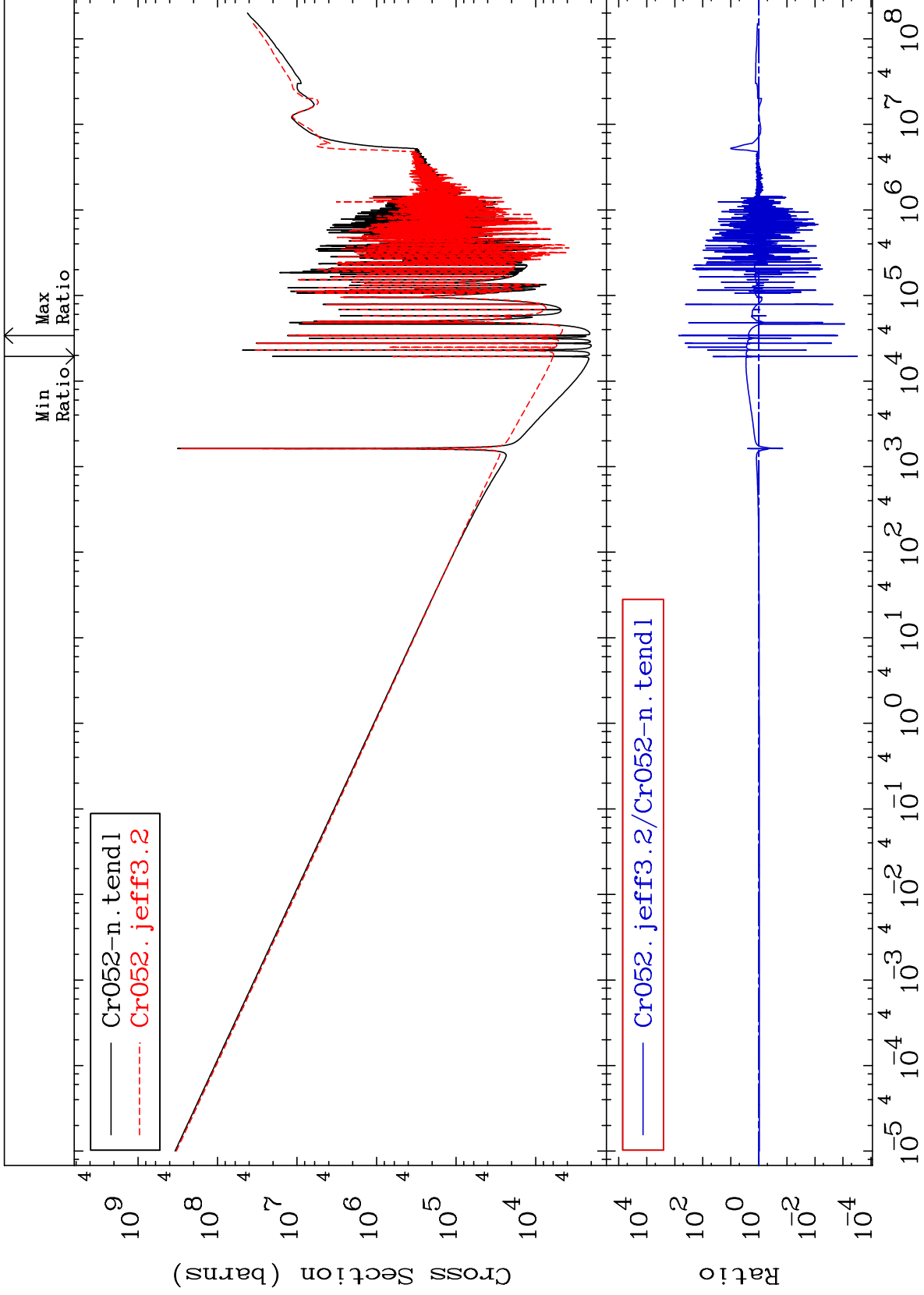
24-Cr-52  
-99.98 To 9999. %



46

Incident Energy (eV)

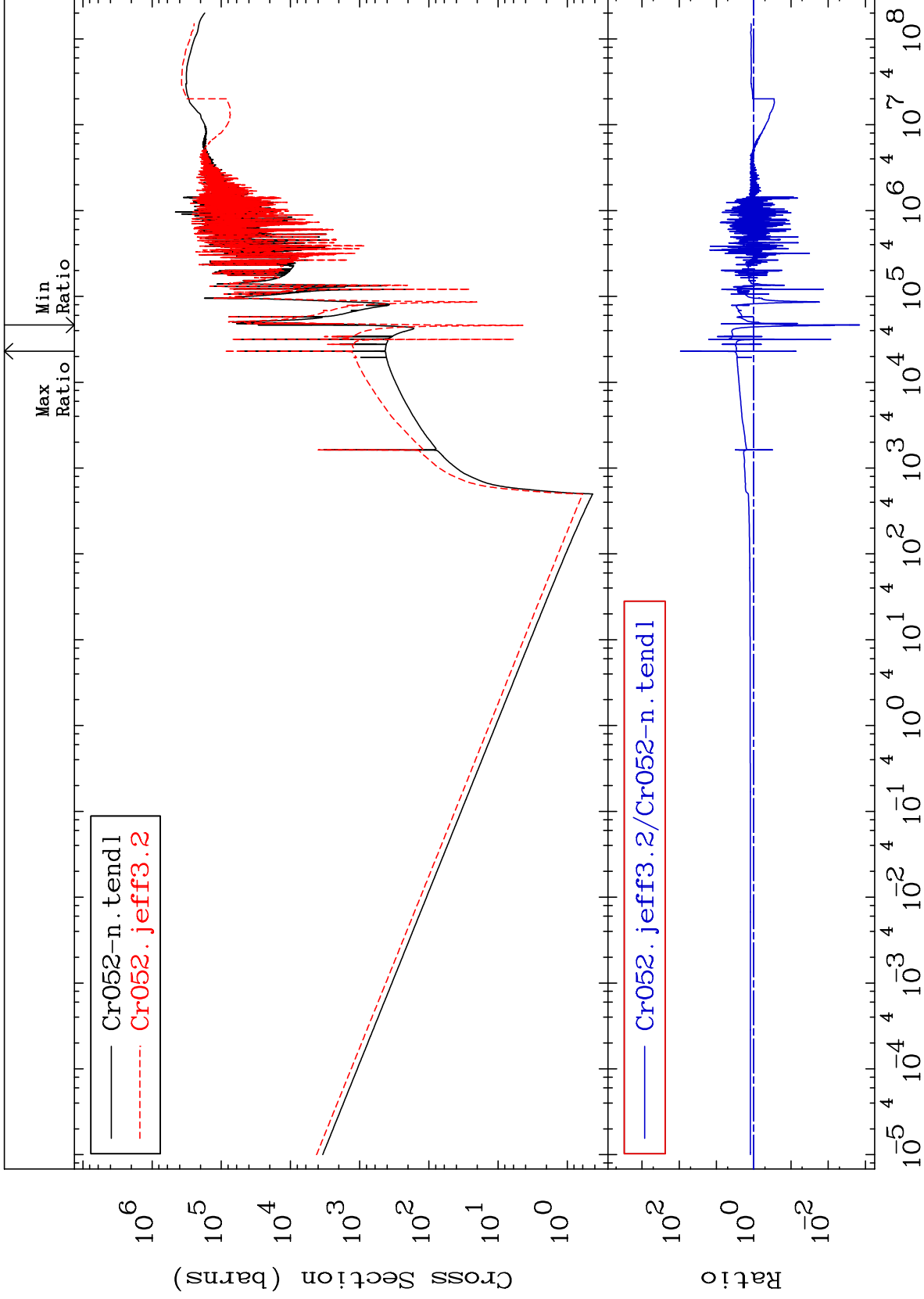
24-Cr-52



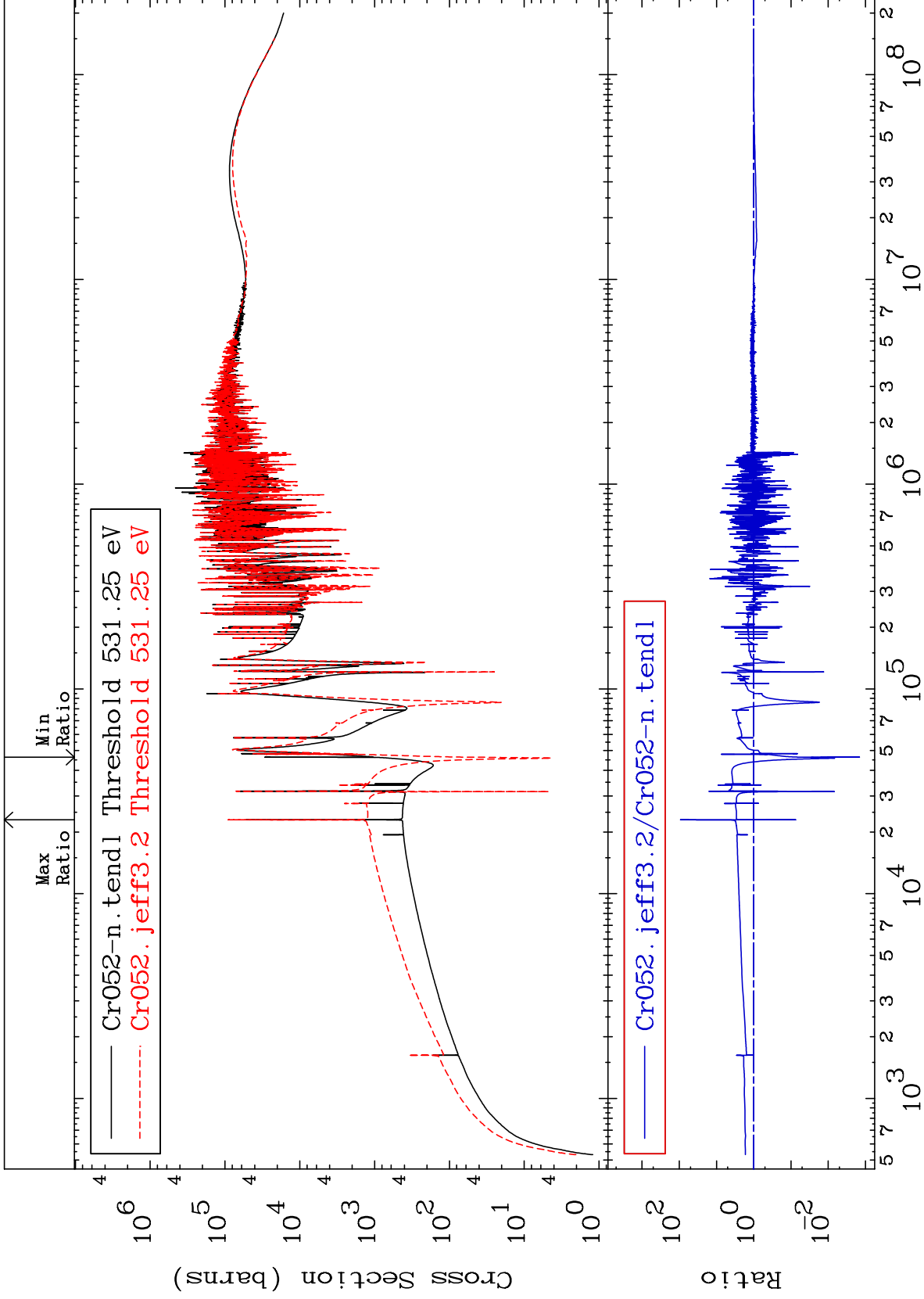
MAT 2431

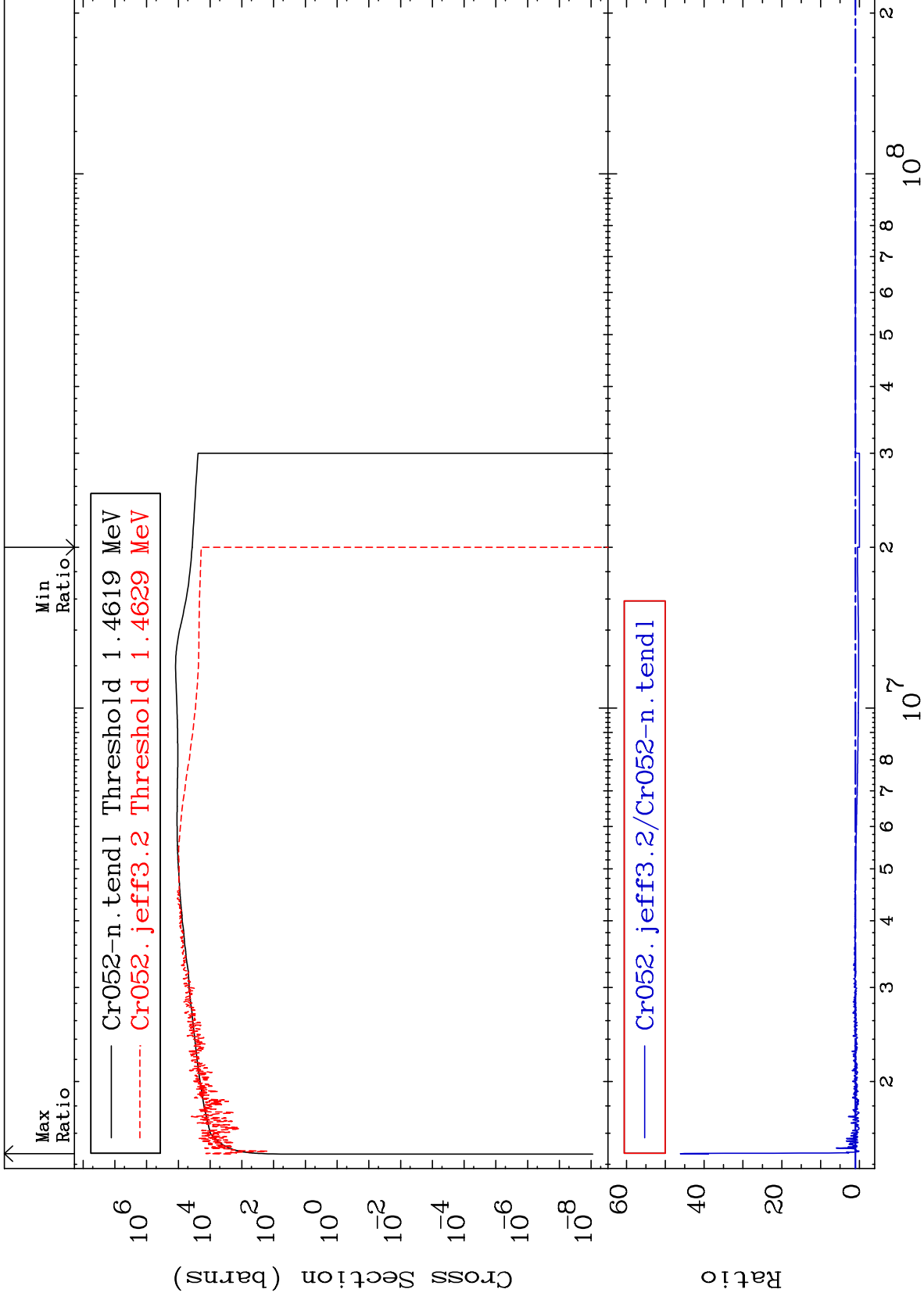
Dpa total (eV-barns)  
Cross Section

24-Cr-52  
-99.86 To 9244. %





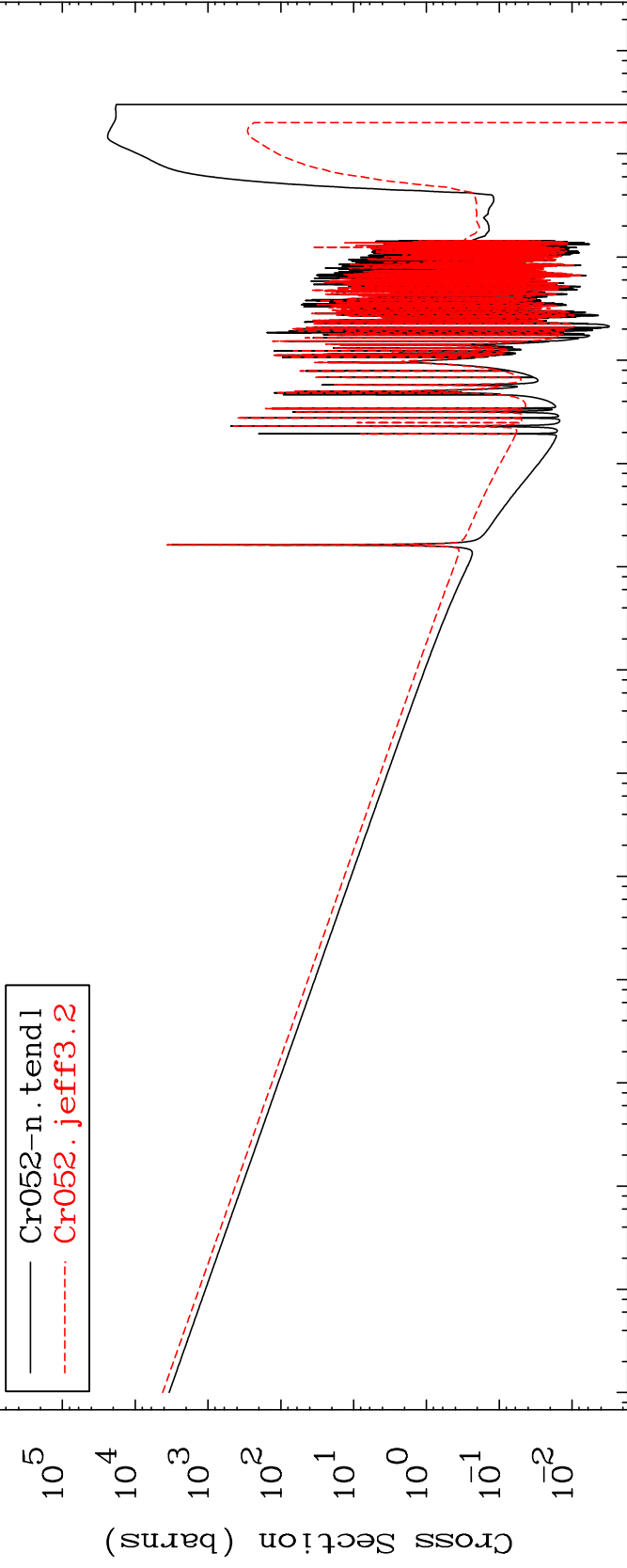




MAT 2431

Dpa disappearance (mt102 -120)  
Cross Section

24-Cr-52  
-100.0 To 9999. %



Cr052.jeff3.2/Cr052-n.tendl

