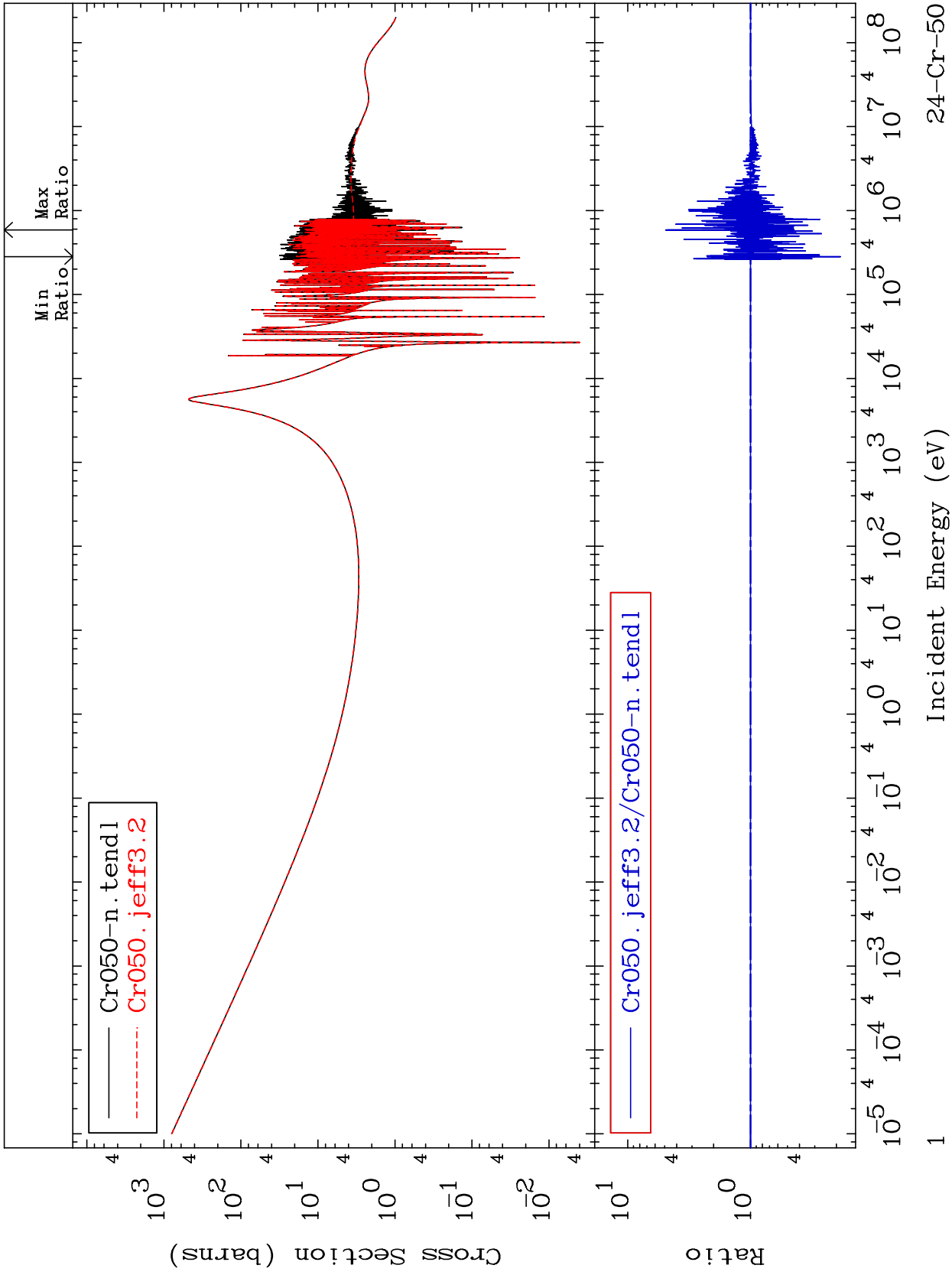


MAT 2425

Total  
Cross Section

24-Cr-50  
-81.57 To 392.9 %



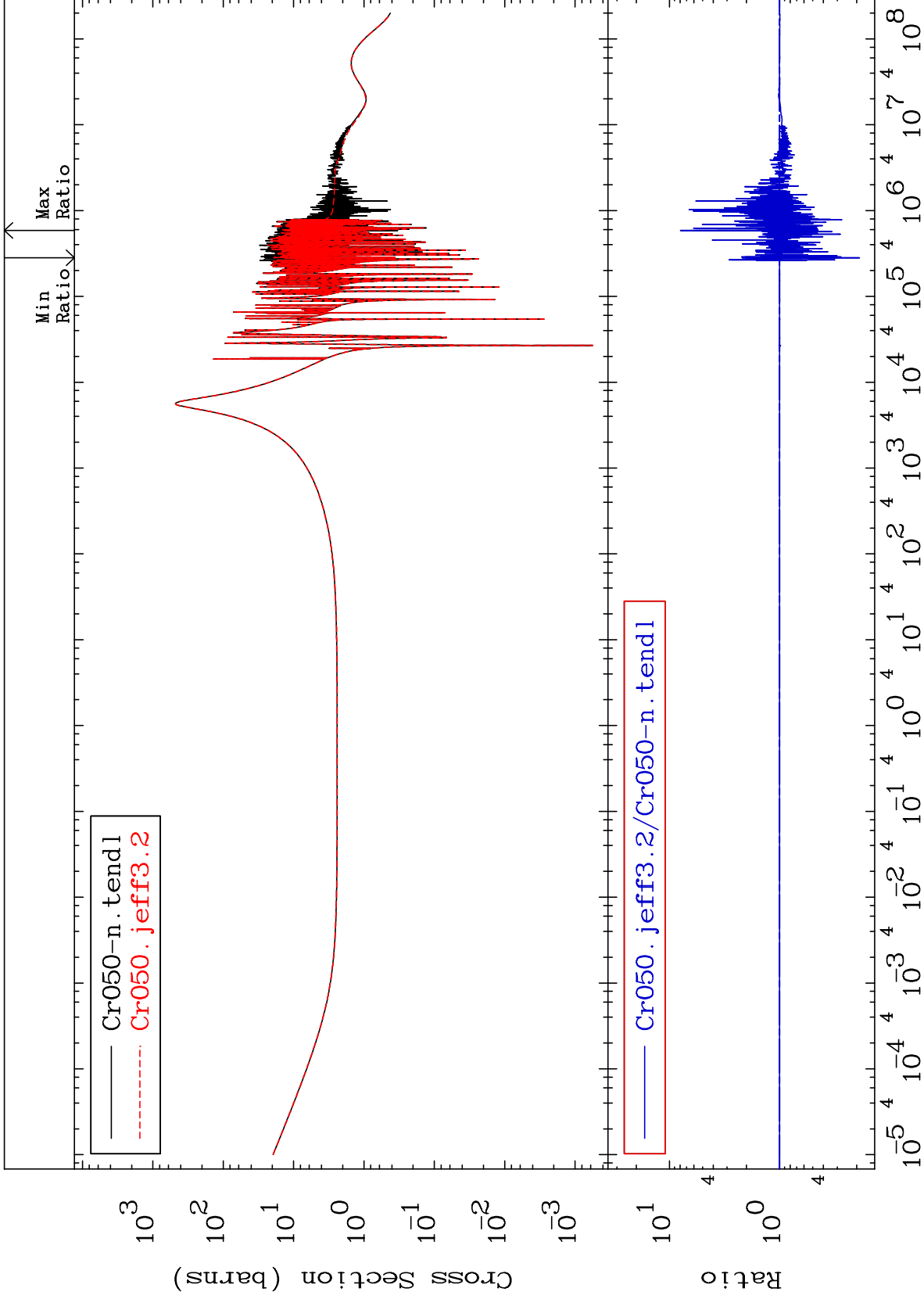
Incident Energy (eV)

24-Cr-50

MAT 2425

Elastic  
Cross Section

24-Cr-50  
-81.14 To 695.6 %



2

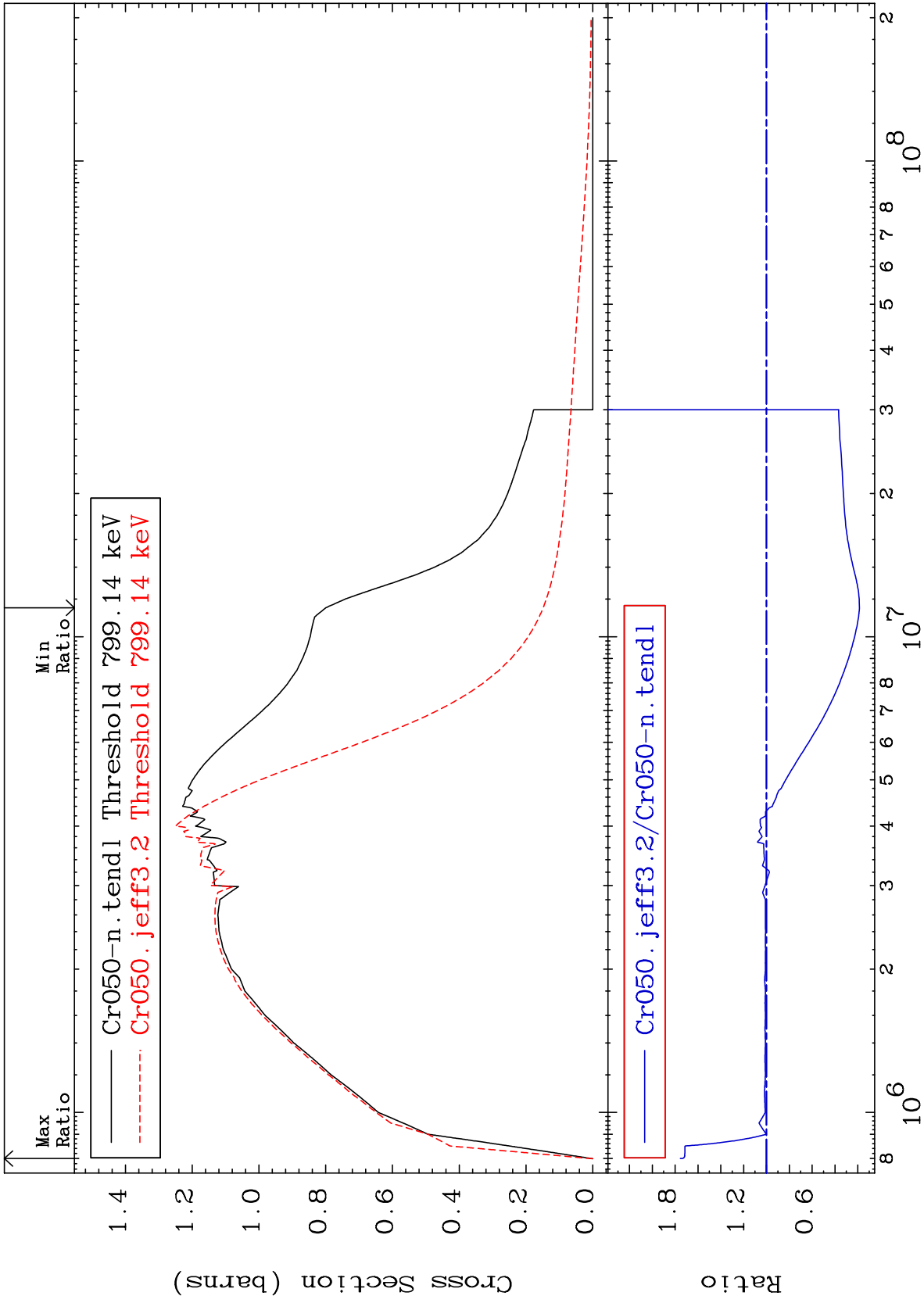
Incident Energy (eV)

24-Cr-50

MAT 2425

Inelastic  
Cross Section

24-Cr-50  
-81.45 To 75.41 %



Incident Energy (eV)

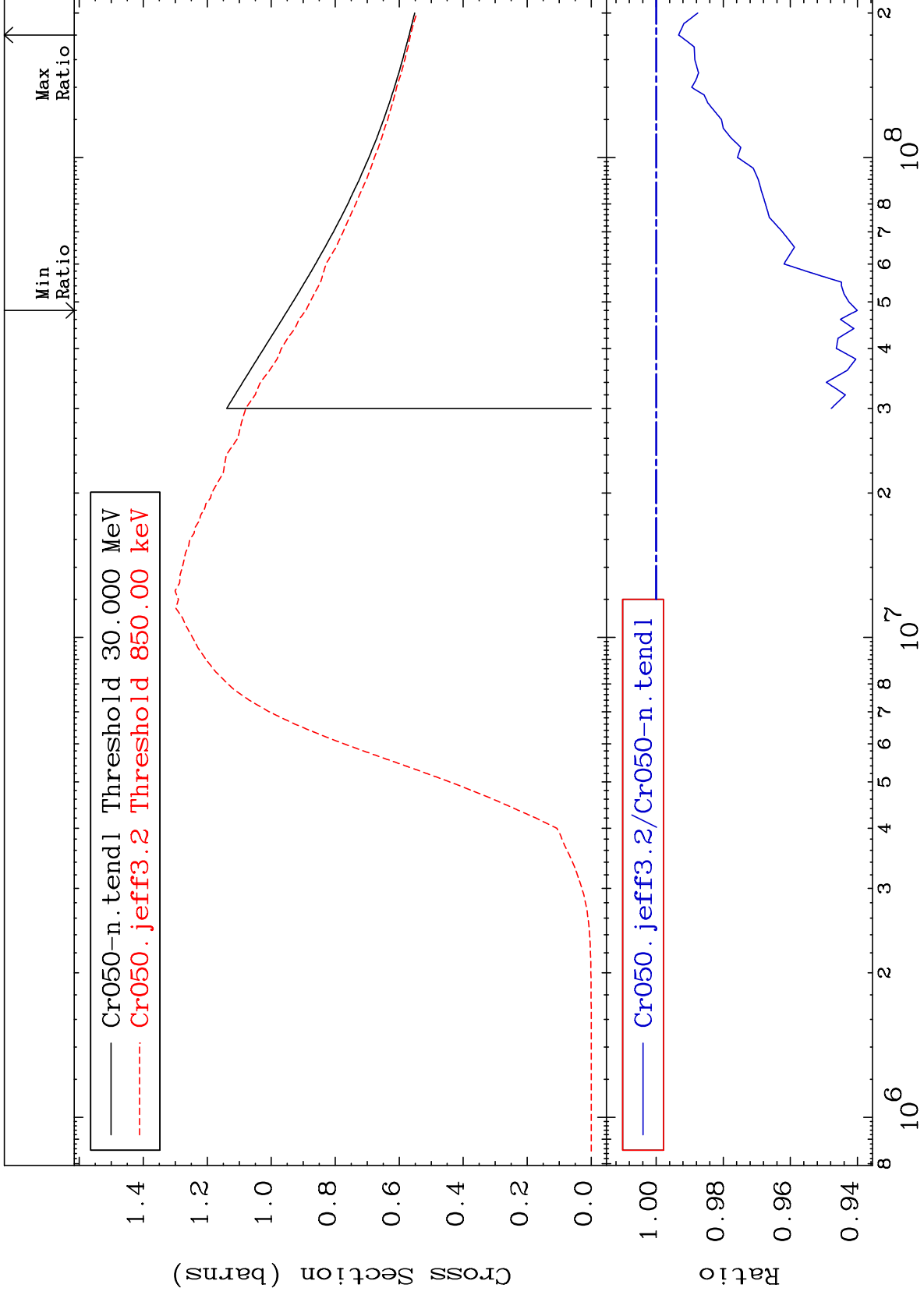
24-Cr-50

3

MAT 2425

(n, remainder)  
Cross Section

24-Cr-50  
-5.994 To -0.668%



Incident Energy (eV)

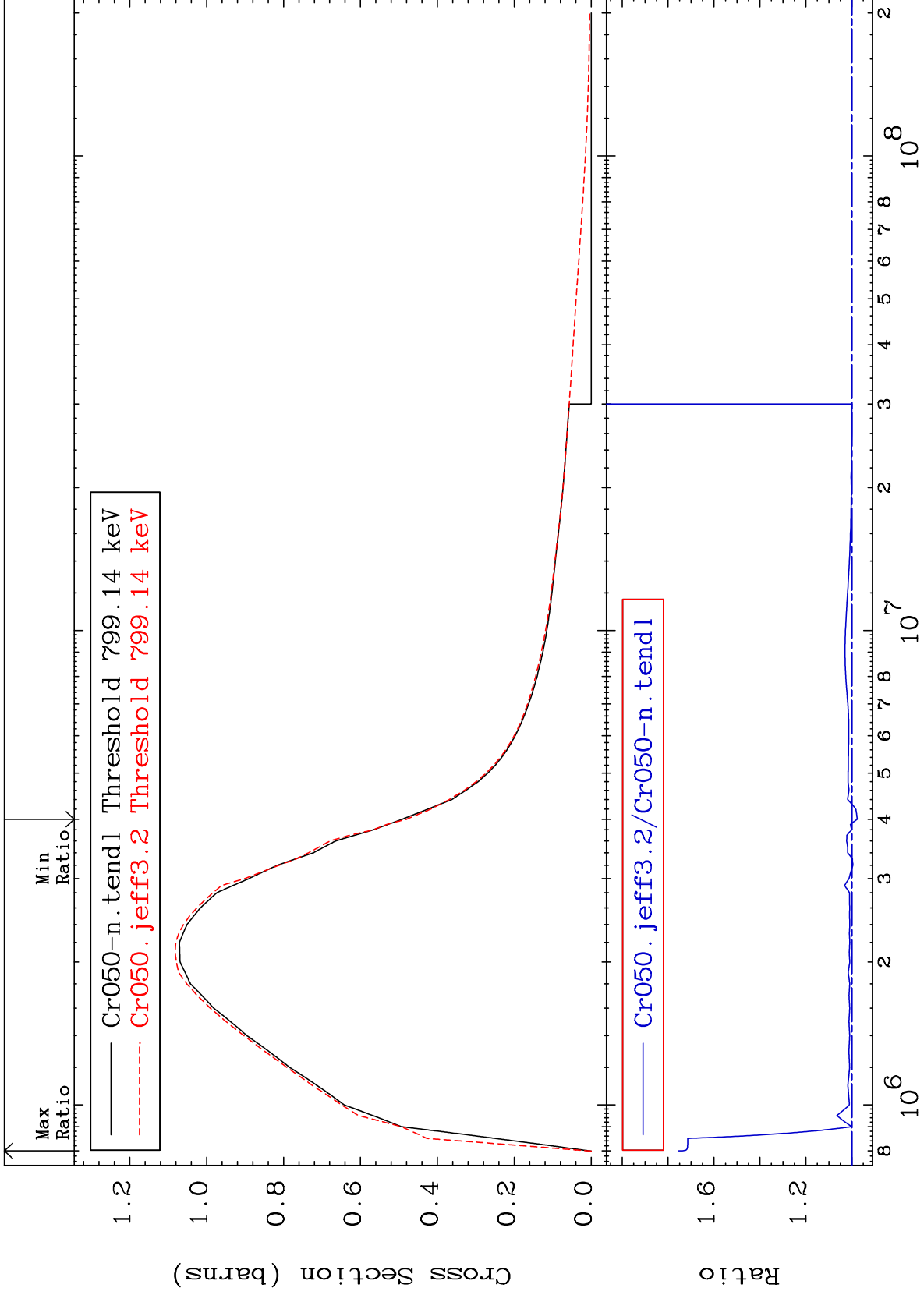
24-Cr-50

4

MAT 2425

783.3 keV (n,n') Level  
Cross Section

24-Cr-50  
-2.358 To 75.41 %



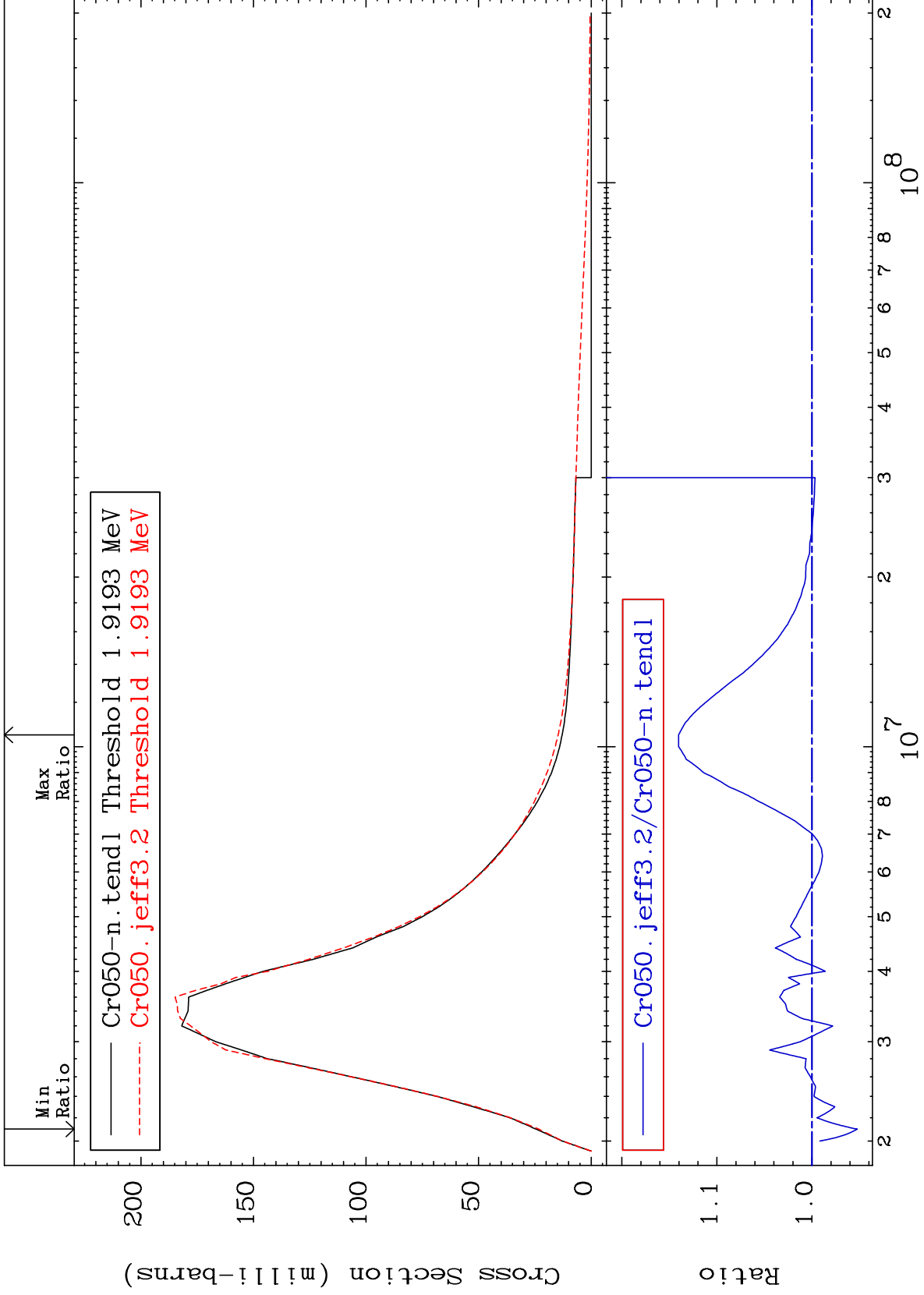
Incident Energy (eV)

24-Cr-50

MAT 2425

1.881 MeV (n,n') Level  
Cross Section

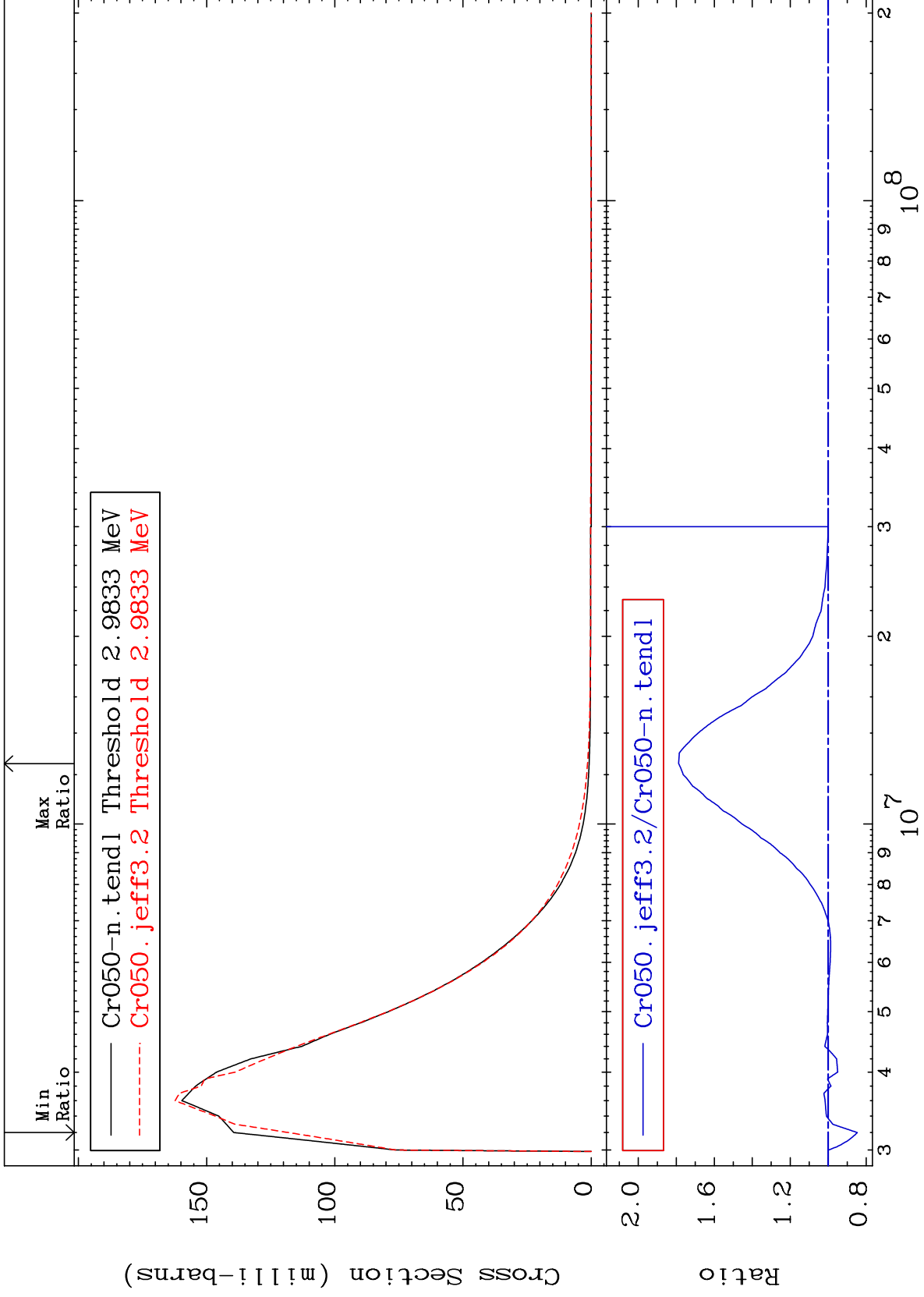
24-Cr-50  
-4.768 To 14.03 %



MAT 2425

2.924 MeV (n,n') Level  
Cross Section

24-Cr-50  
-15.29 To 78.76 %



7

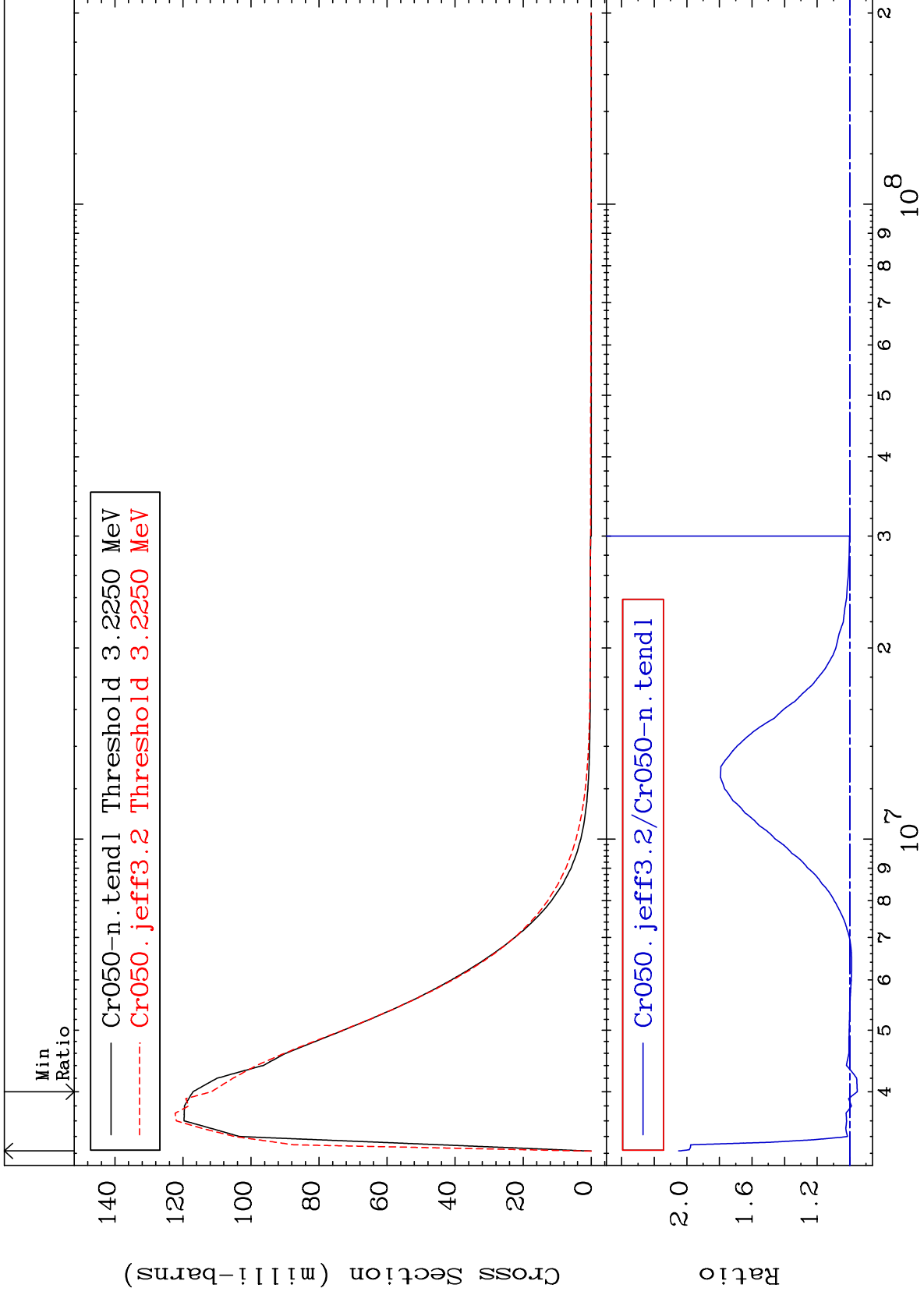
Incident Energy (eV)

24-Cr-50

MAT 2425

3.161 MeV (n,n') Level  
Cross Section

24-Cr-50  
-4.620 To 105.0 %



8

Incident Energy (eV)

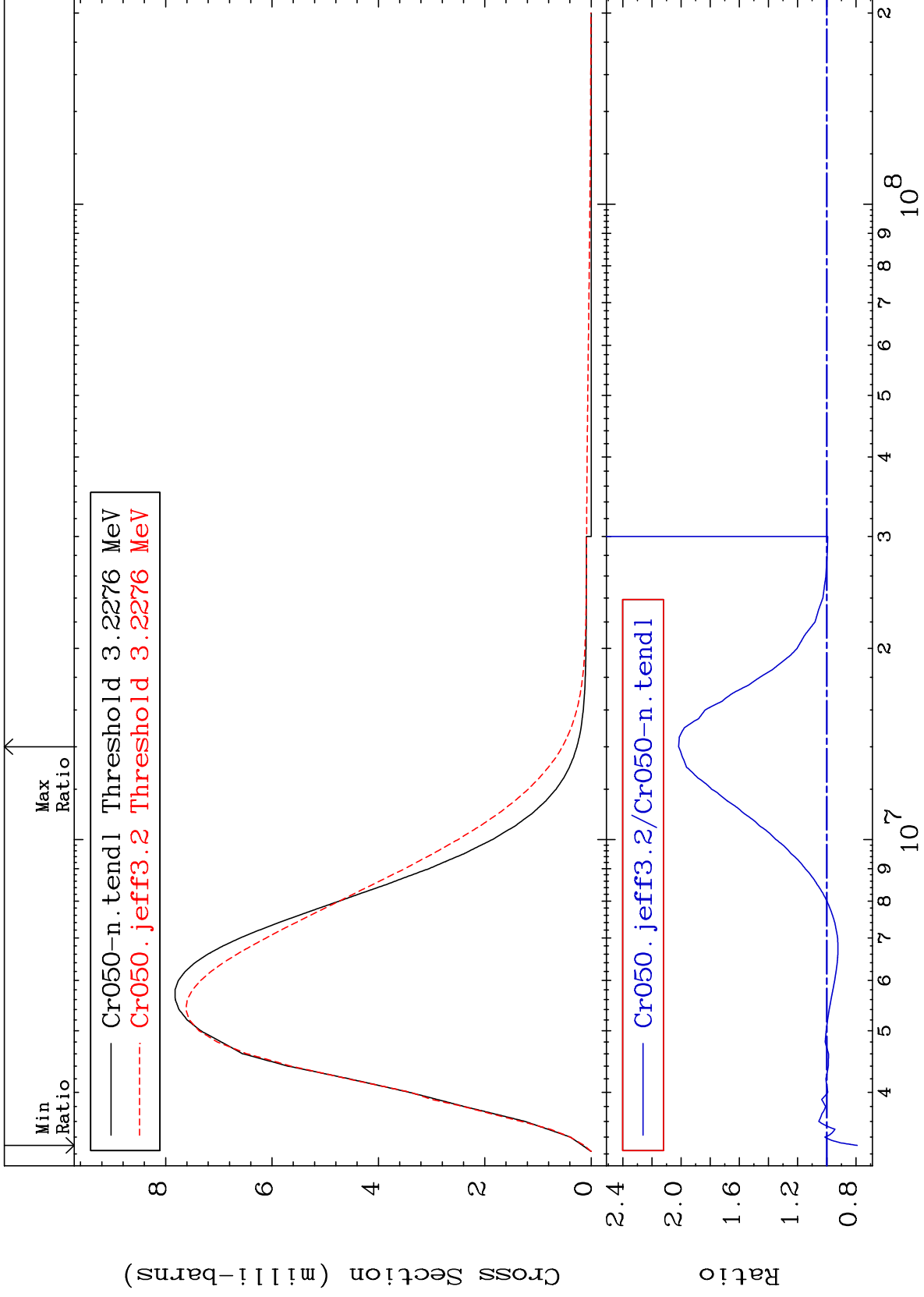
24-Cr-50



MAT 2425

3.164 MeV (n,n') Level  
Cross Section

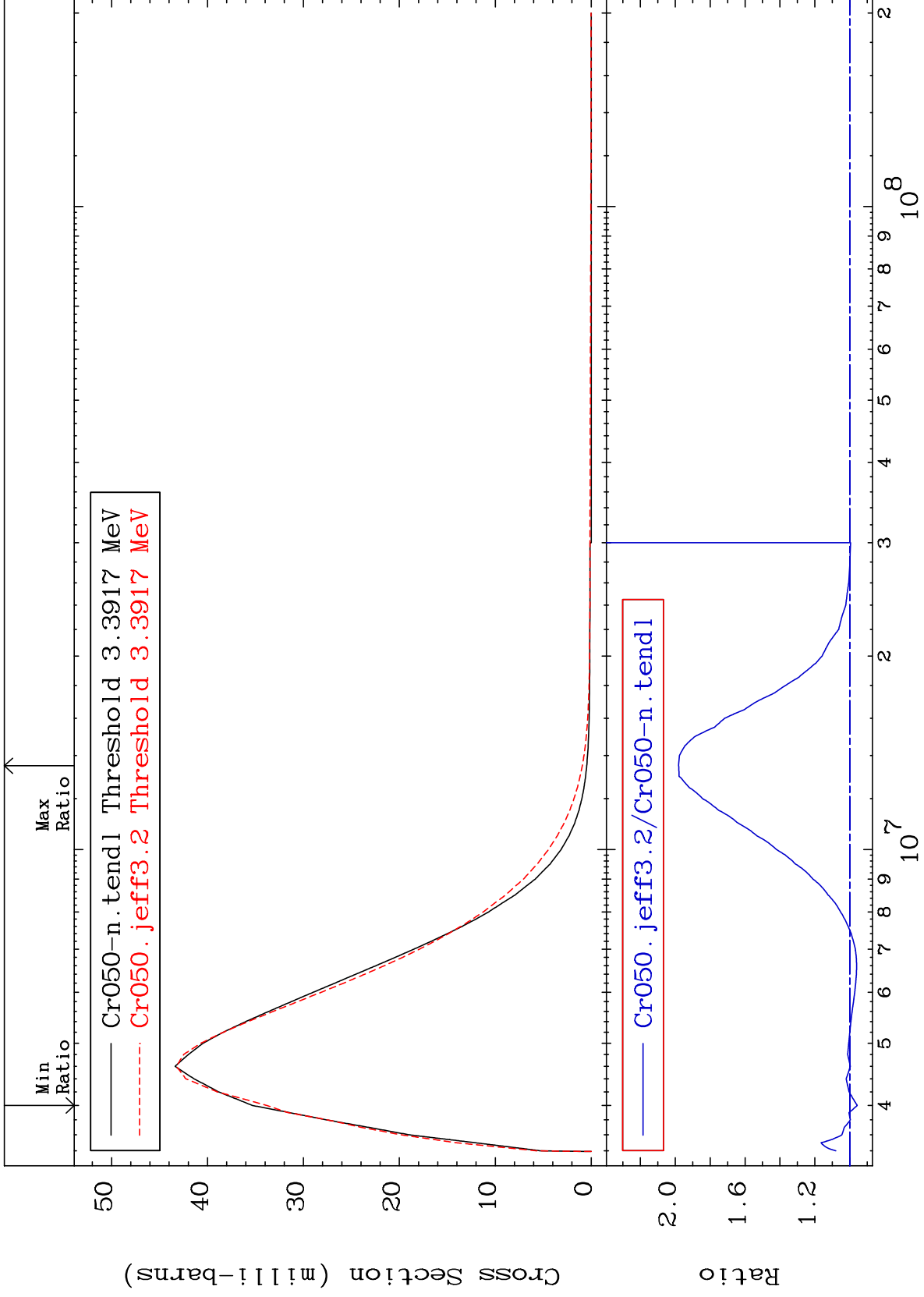
24-Cr-50  
-20.92 To 101.7 %



MAT 2425

3.325 MeV (n,n') Level  
Cross Section

24-Cr-50  
-4.304 To 98.06 %



10

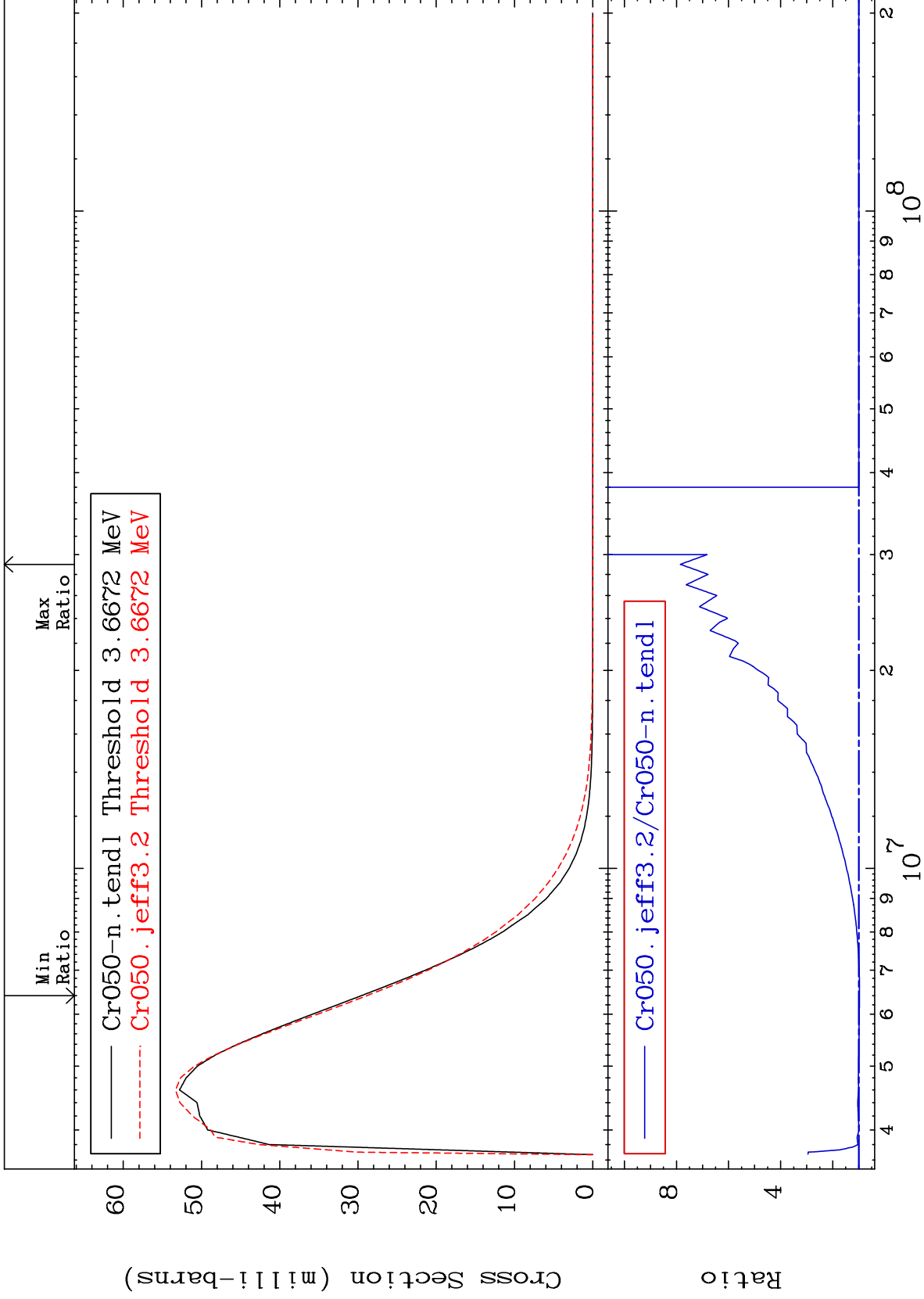
Incident Energy (eV)

24-Cr-50

MAT 2425

3.595 MeV (n,n') Level  
Cross Section

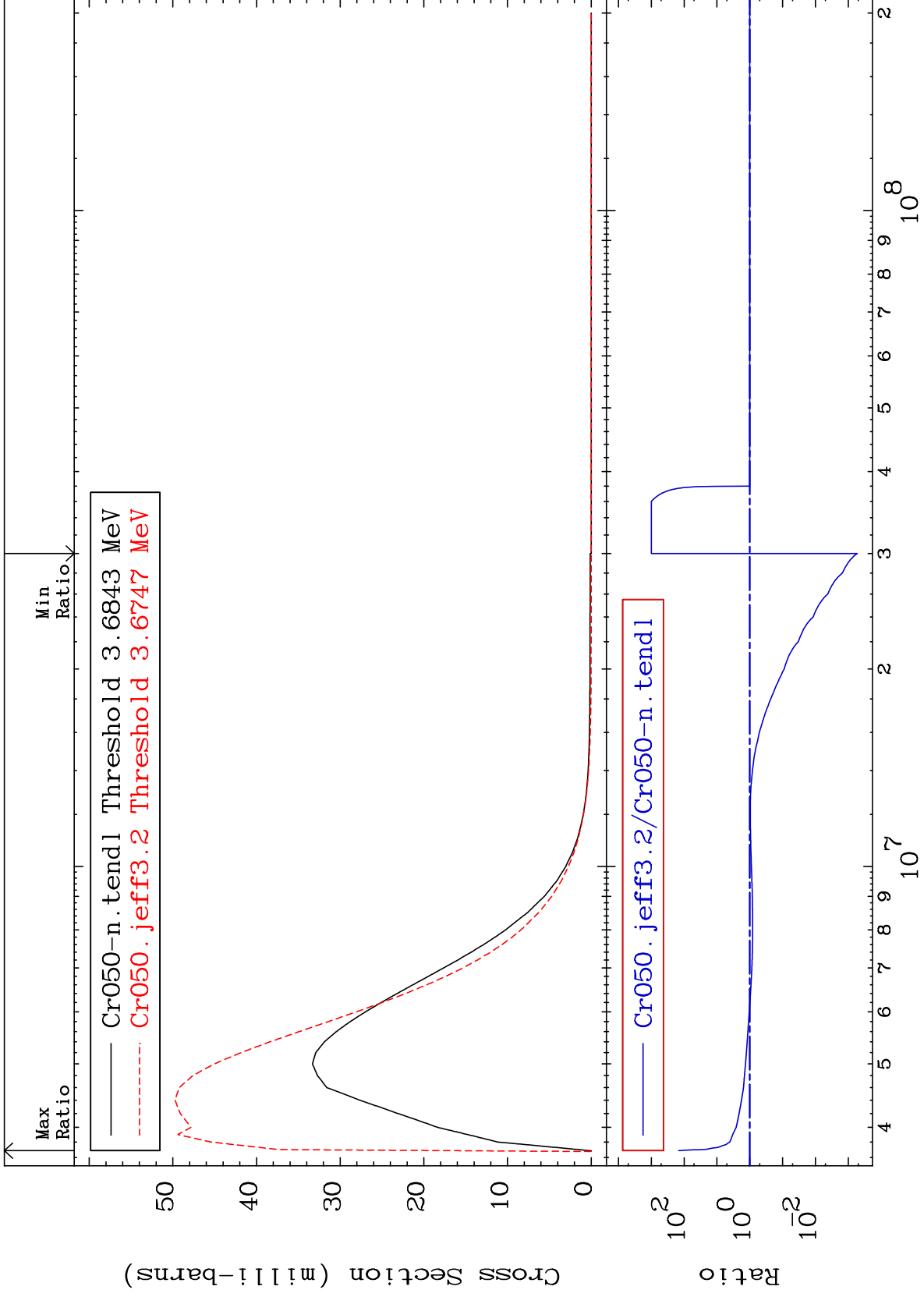
24-Cr-50  
-2.479 To 685.2 %



MAT 2425

3.611 MeV (n,n') Level  
Cross Section

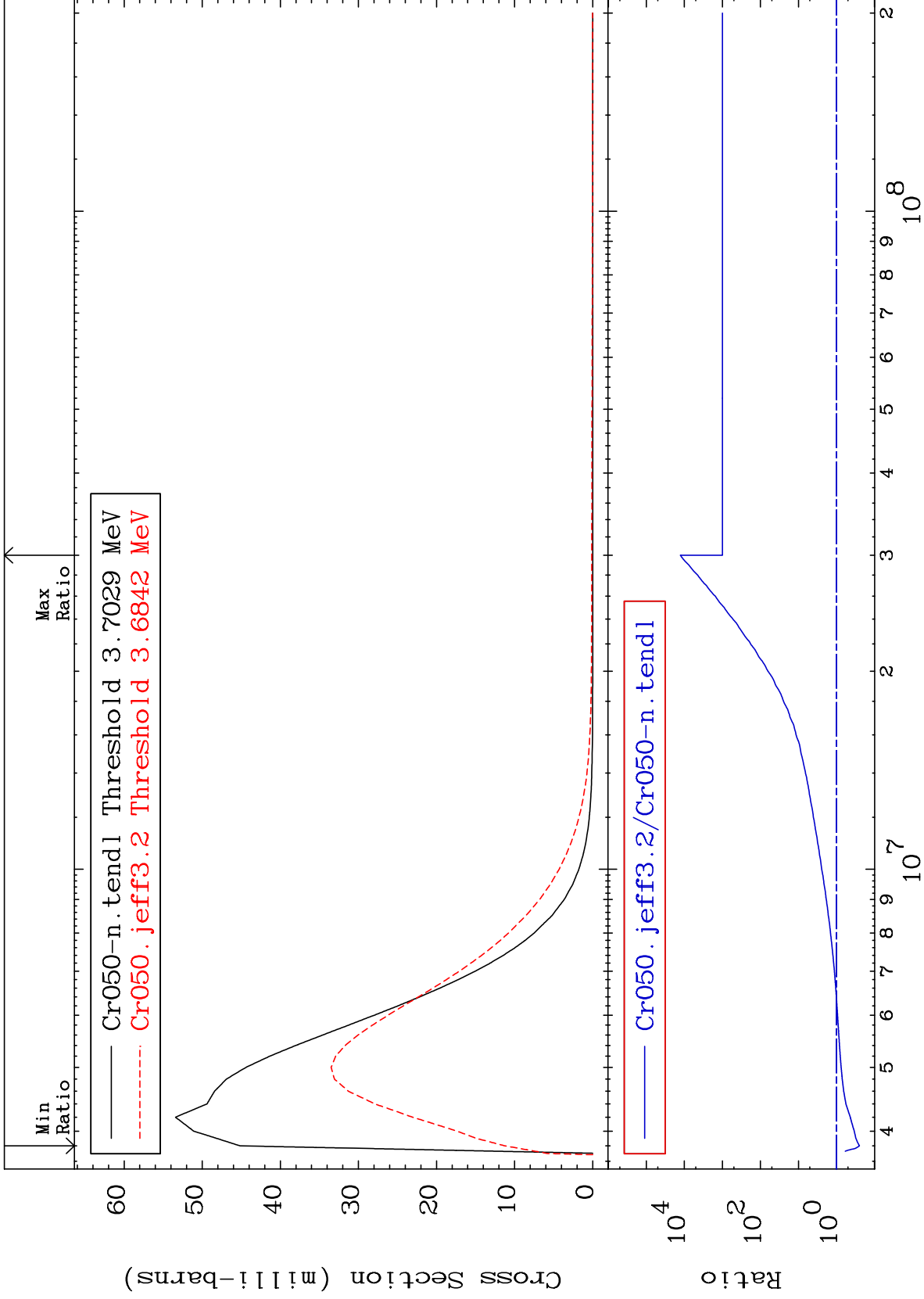
24-Cr-50  
-99.95 To 9999. %



MAT 2425

3.630 MeV (n,n') Level  
Cross Section

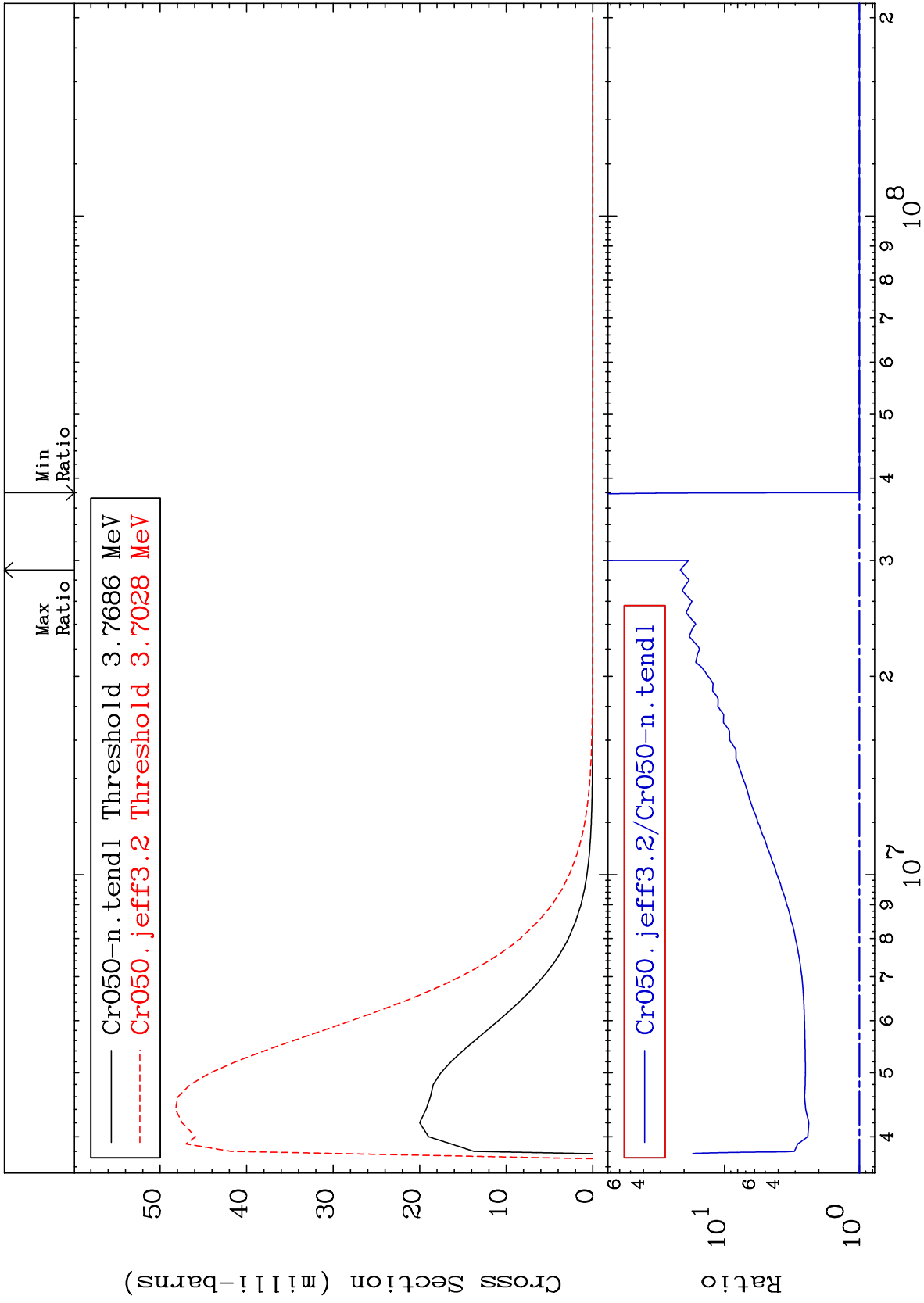
24-Cr-50  
-75.10 To 9999. %



MAT 2425

3.694 MeV (n,n') Level  
Cross Section

24-Cr-50  
0.000 To 2030. %



14

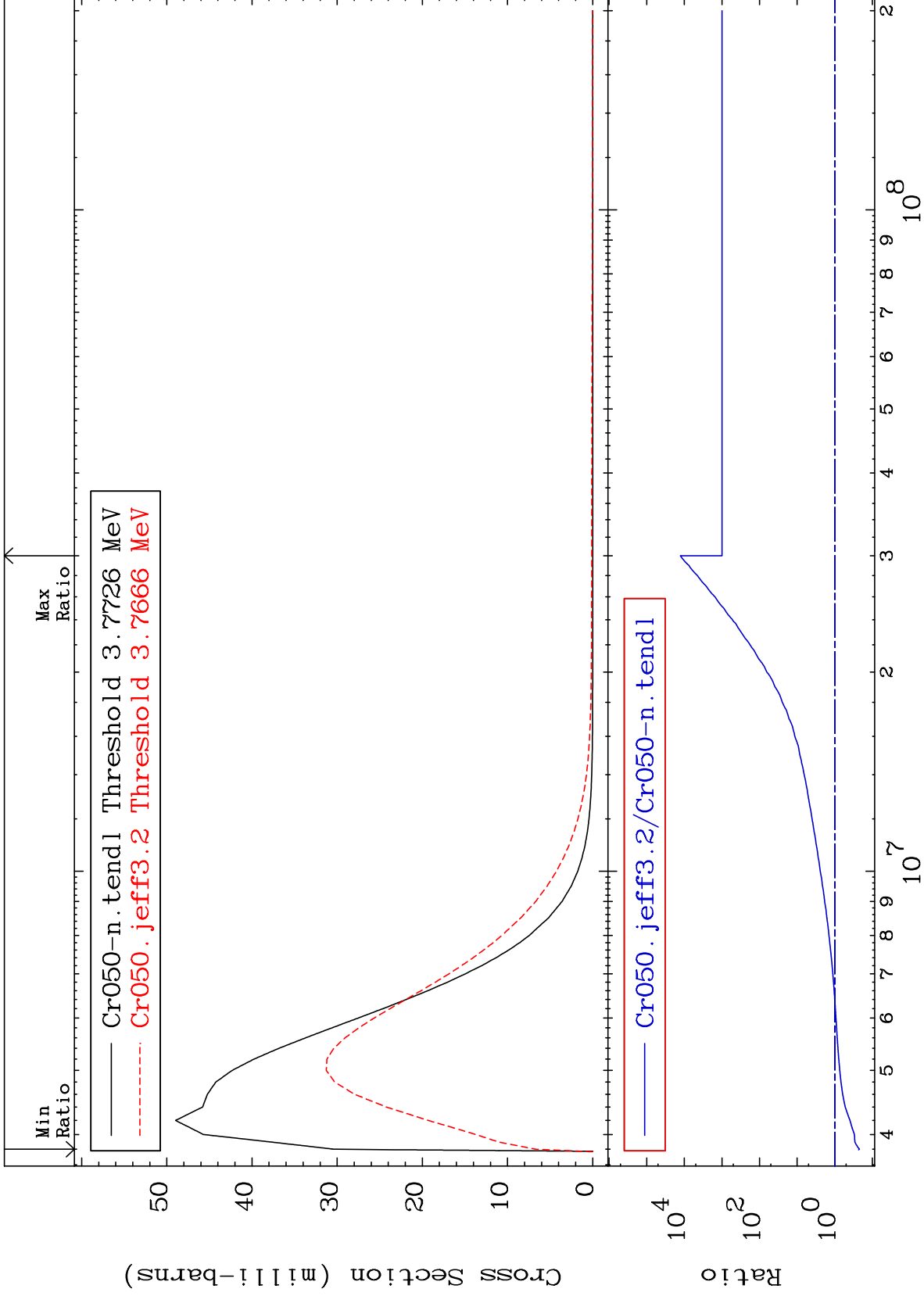
Incident Energy (eV)

24-Cr-50

MAT 2425

3.698 MeV (n,n') Level  
Cross Section

24-Cr-50  
-77.87 To 9999. %



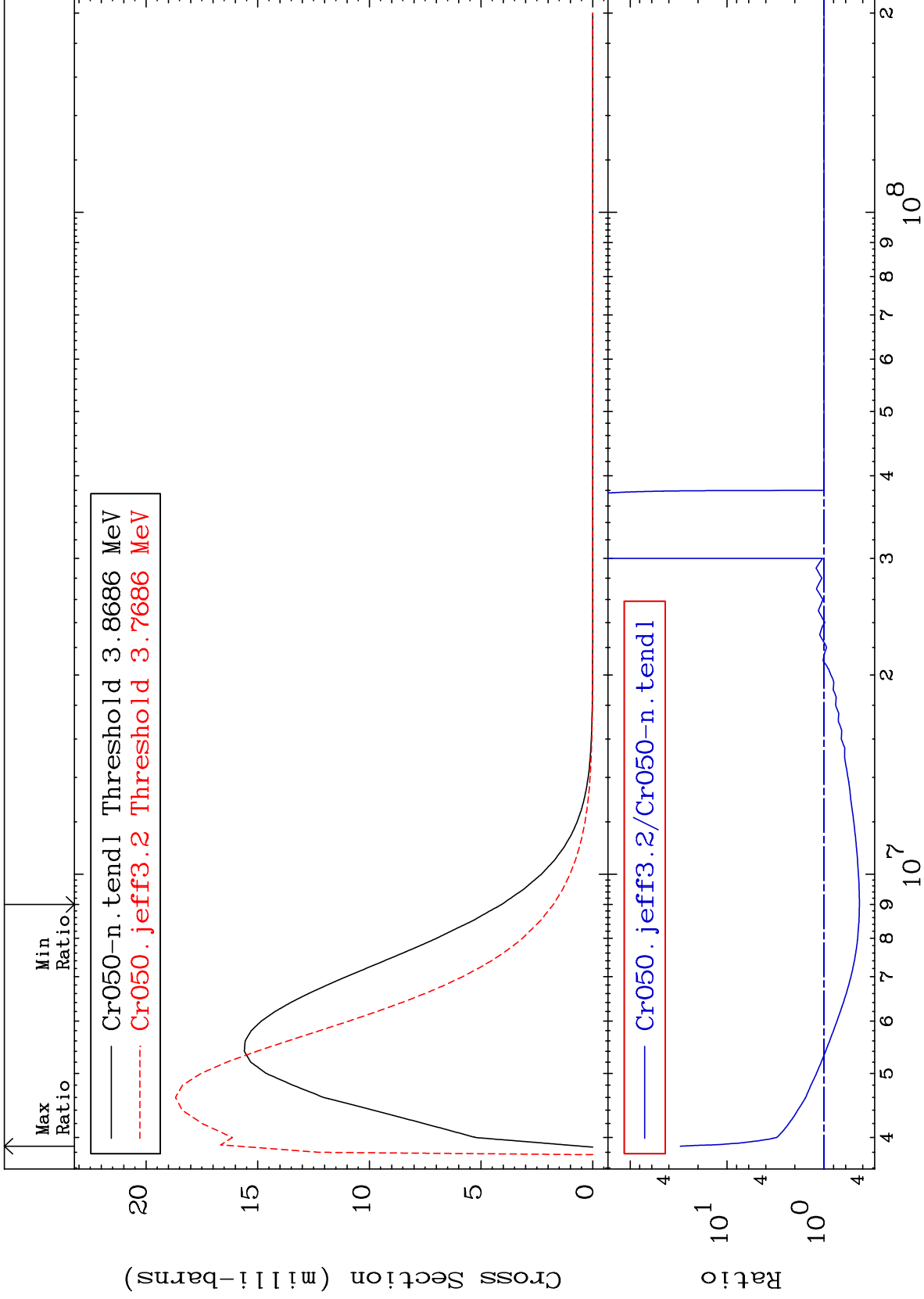
15

24-Cr-50

MAT 2425

3.792 MeV (n,n') Level  
Cross Section

24-Cr-50  
-56.81 To 2936. %



16

Incident Energy (eV)

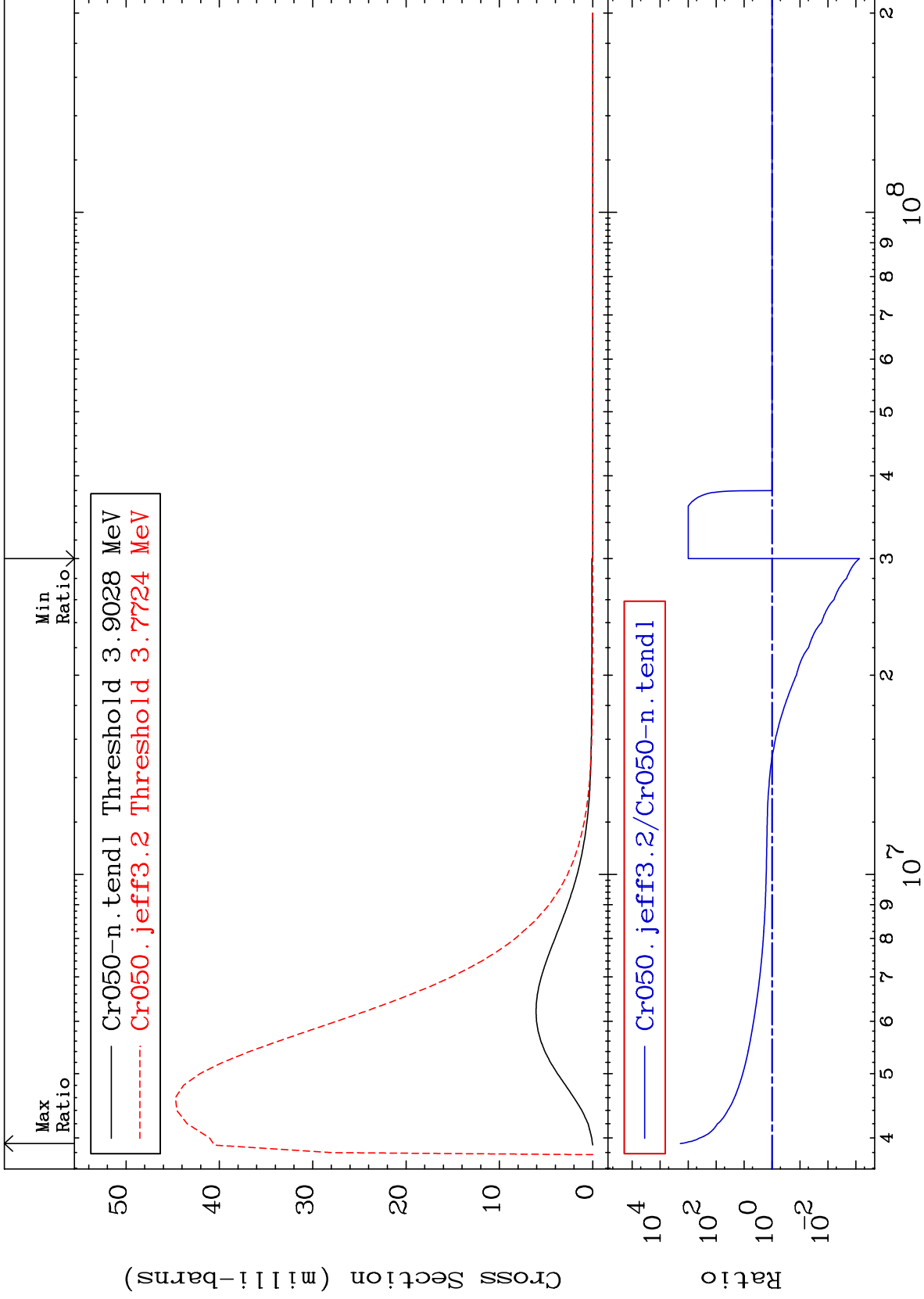
24-Cr-50



MAT 2425

3.826 MeV (n,n') Level  
Cross Section

24-Cr-50  
-99.93 To 9999. %



17

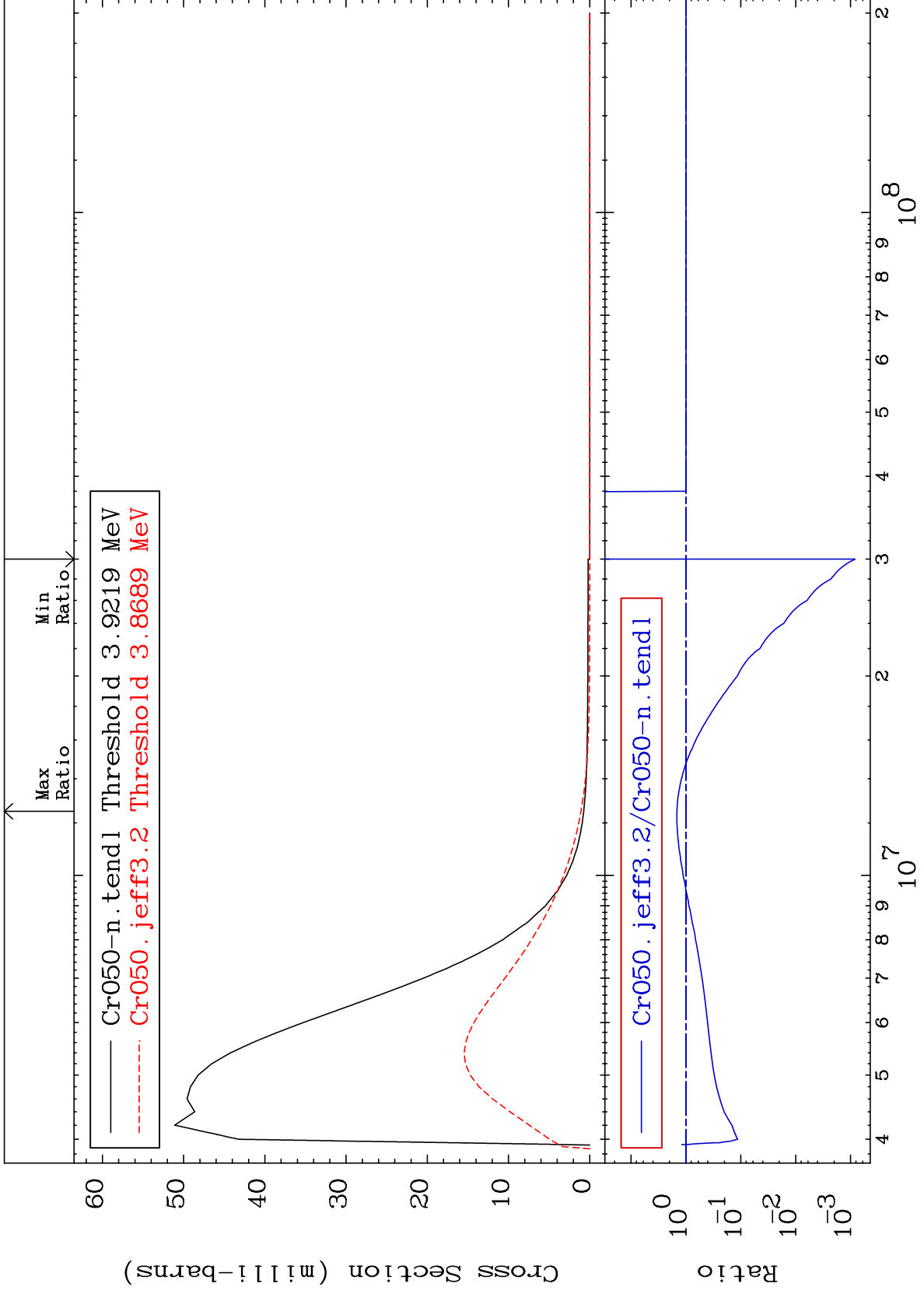
Incident Energy (eV)

24-Cr-50

MAT 2425

3.844 MeV (n,n') Level  
Cross Section

<sup>24</sup>Cr-50  
-99.92 To 46.16 %



18

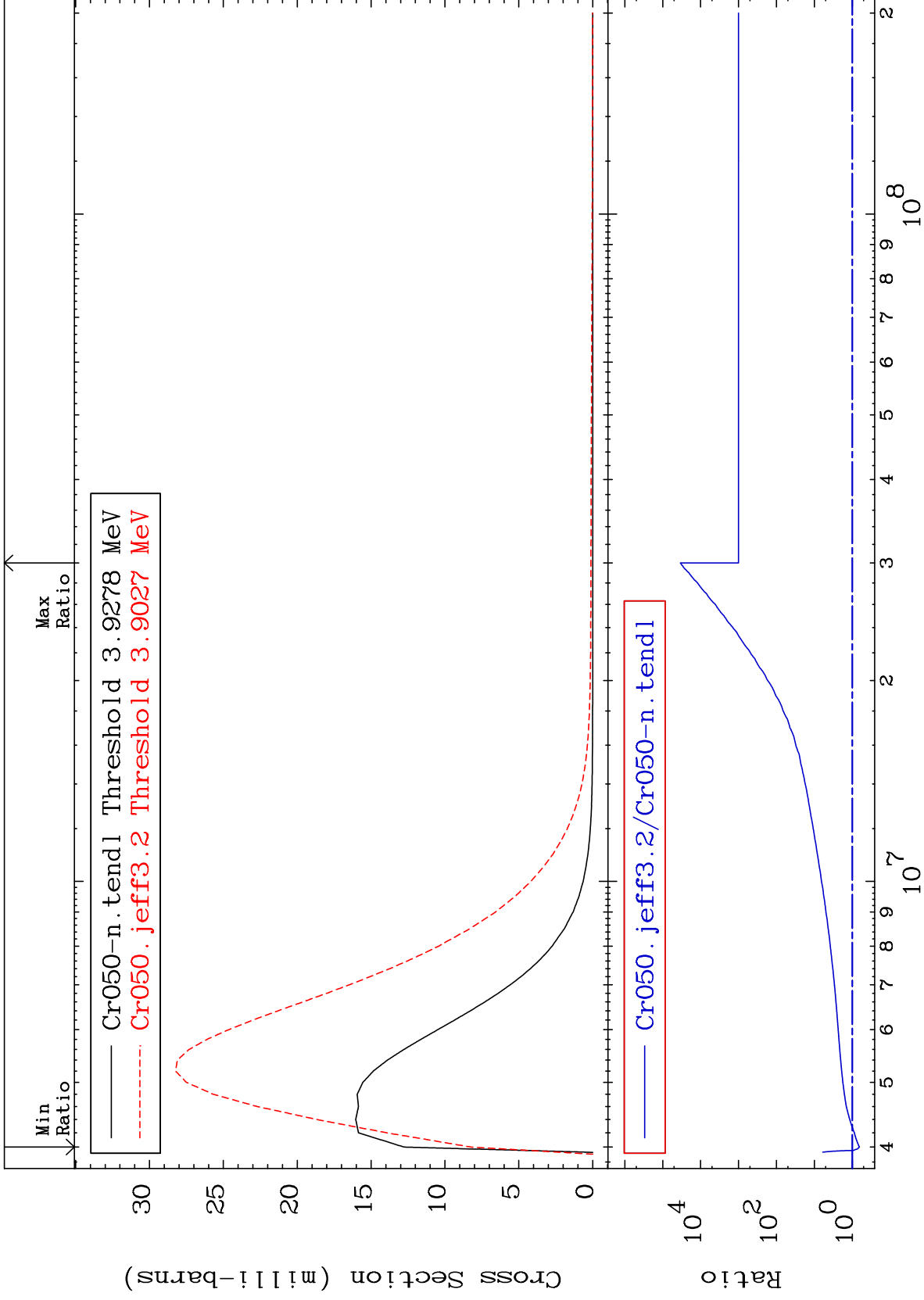
Incident Energy (eV)

<sup>24</sup>Cr-50

MAT 2425

3.850 MeV (n,n') Level  
Cross Section

24-Cr-50  
-35.41 To 9999. %



19

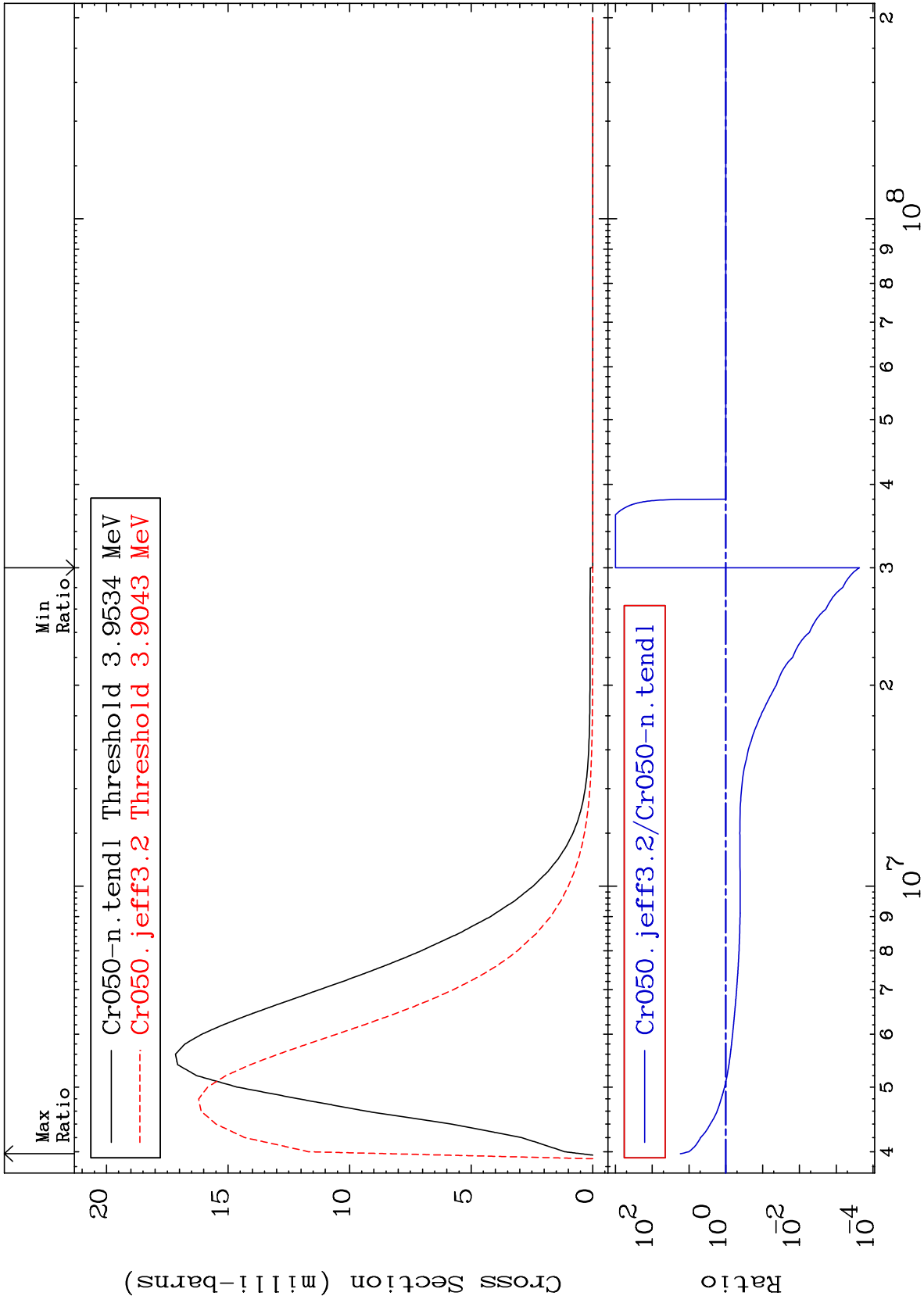
Incident Energy (eV)

24-Cr-50

MAT 2425

3.875 MeV (n,n') Level  
Cross Section

24-Cr-50  
-99.98 To 1623. %



20

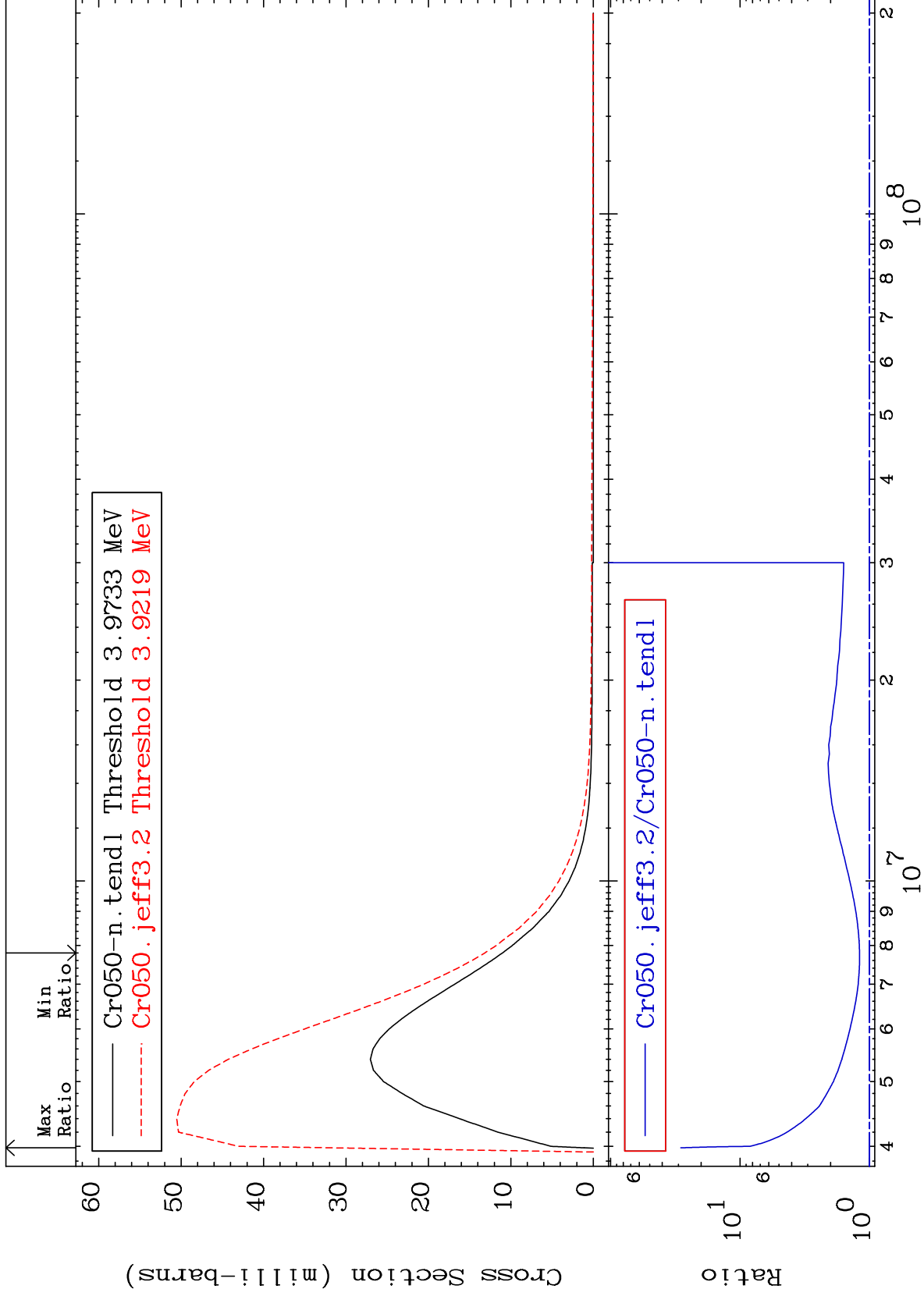
Incident Energy (eV)

24-Cr-50

MAT 2425

3.895 MeV (n,n') Level  
Cross Section

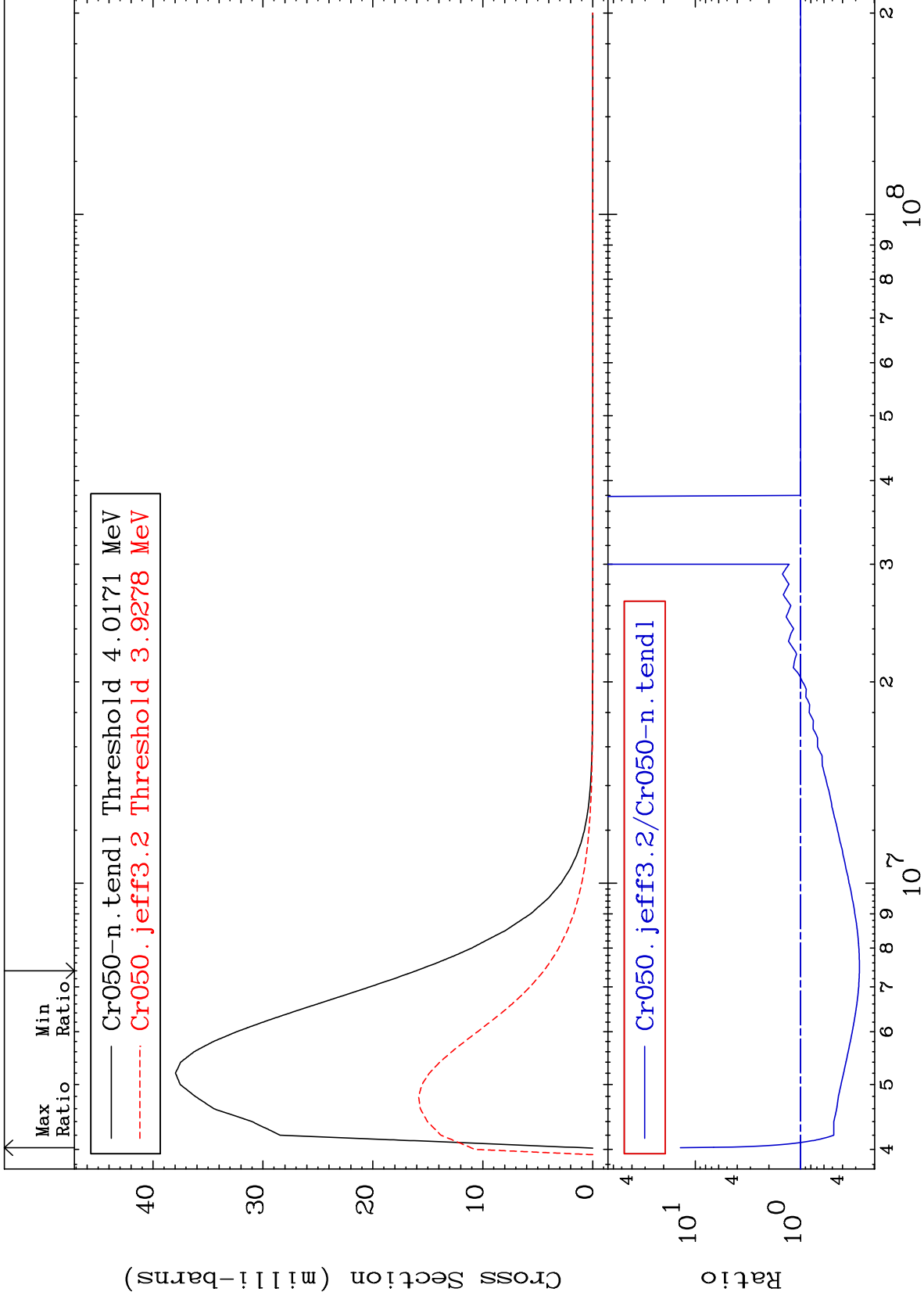
24-Cr-50  
19.44 To 2773. %



MAT 2425

3.938 MeV (n,n') Level  
Cross Section

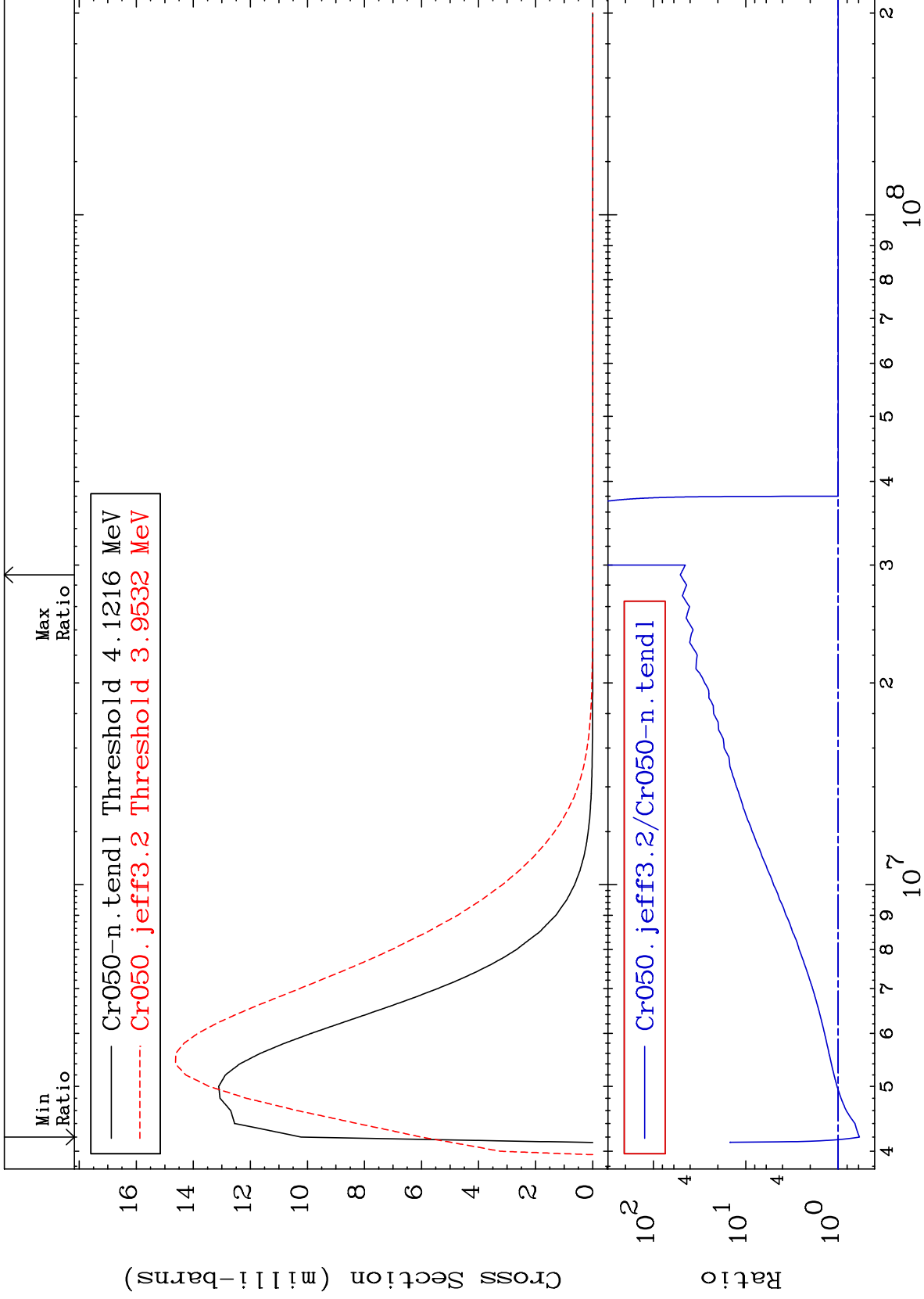
24-Cr-50  
-72.32 To 1287. %



MAT 2425

4.040 MeV (n,n') Level  
Cross Section

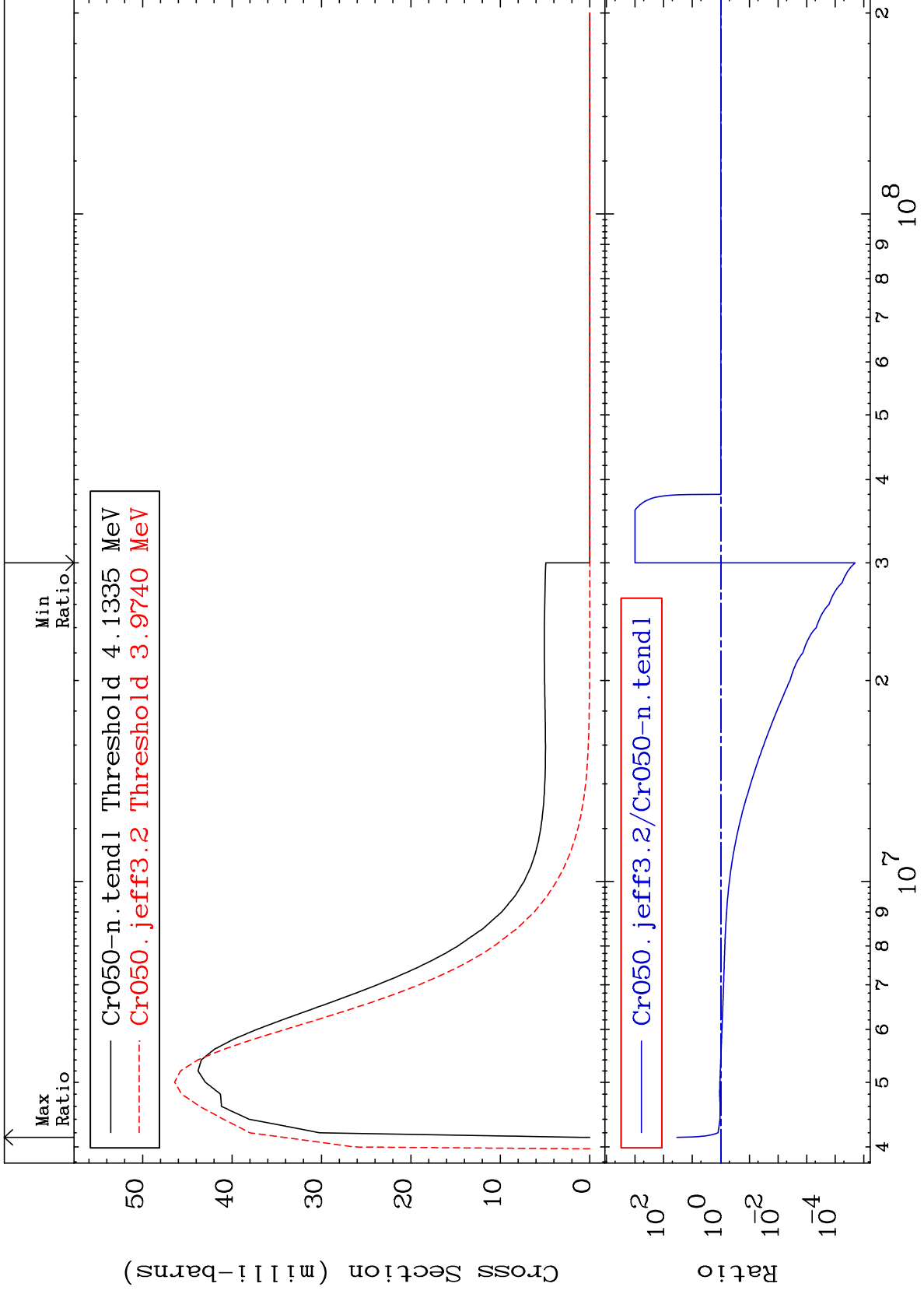
24-Cr-50  
-41.26 To 5003. %



MAT 2425

4.052 MeV (n,n') Level  
Cross Section

24-Cr-50  
-100.0 To 3333. %



24

Incident Energy (eV)

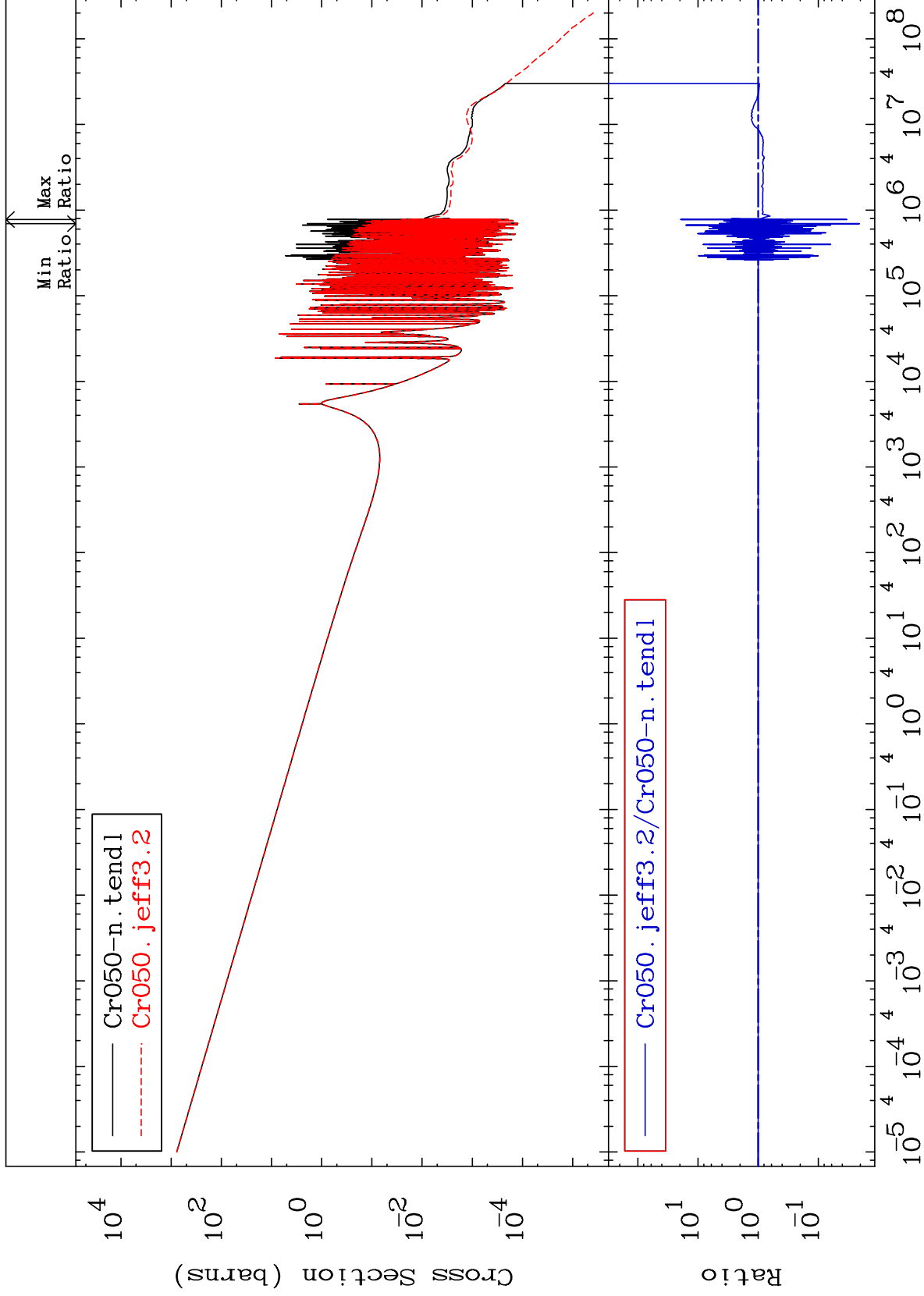
24-Cr-50



MAT 2425

(n,  $\gamma$ )  
Cross Section

24-Cr-50  
-97.93 To 1831. %



25

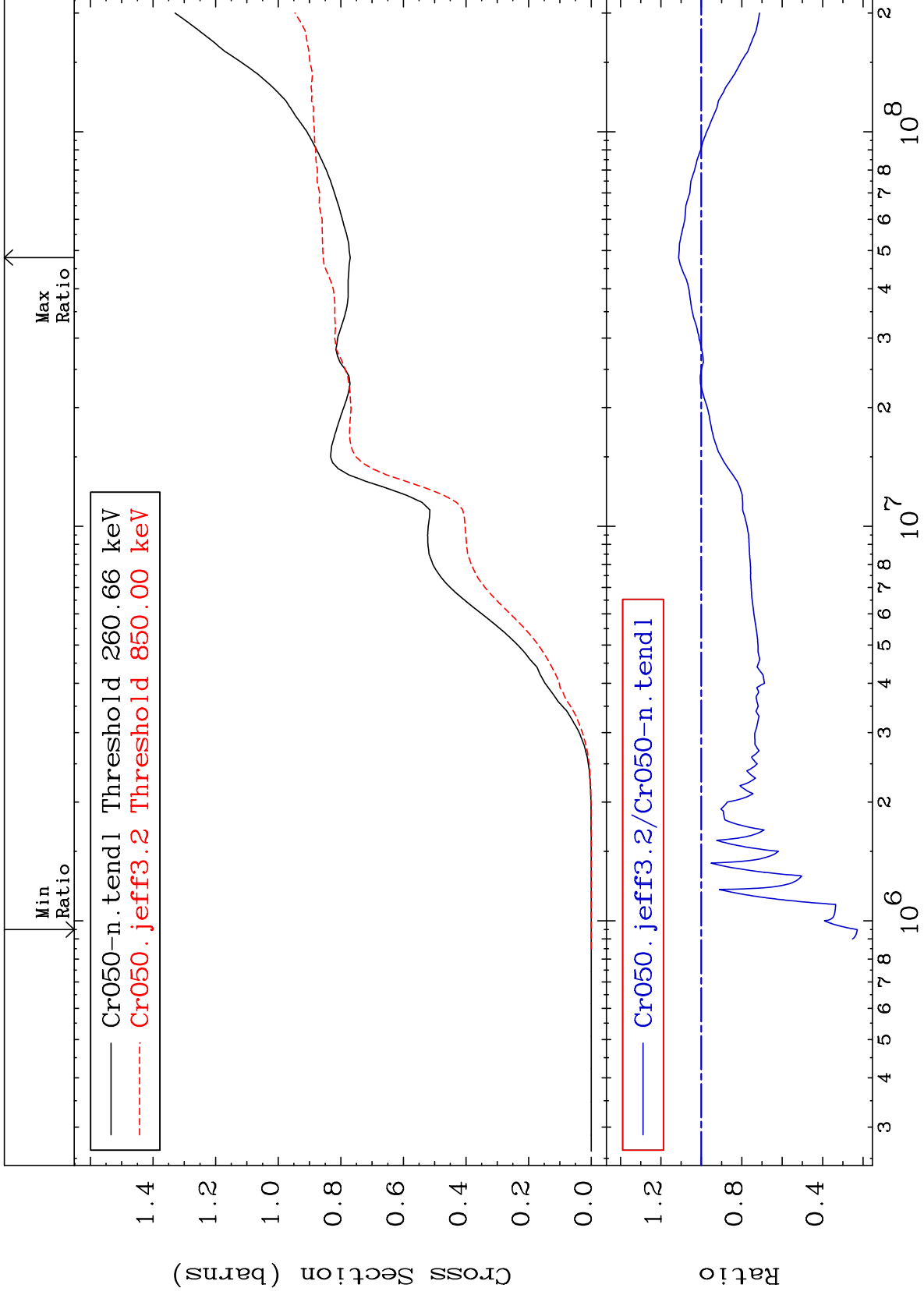
Incident Energy (eV)

24-Cr-50

MAT 2425

Hydrogen Production  
Cross Section

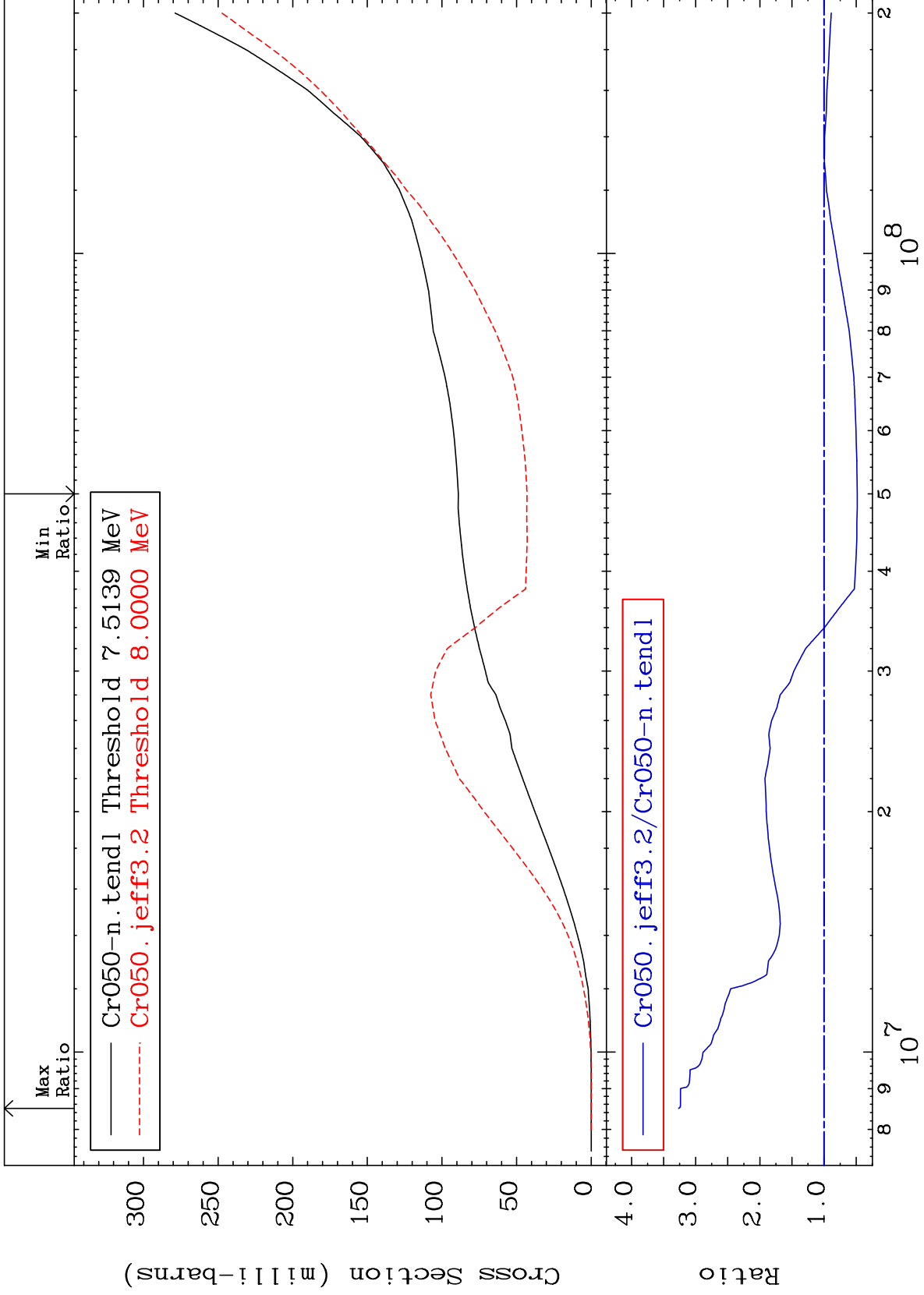
24-Cr-50  
-77.11 To 11.23 %



MAT 2425

Deuterium Production  
Cross Section

24-Cr-50  
-51.72 To 226.5 %



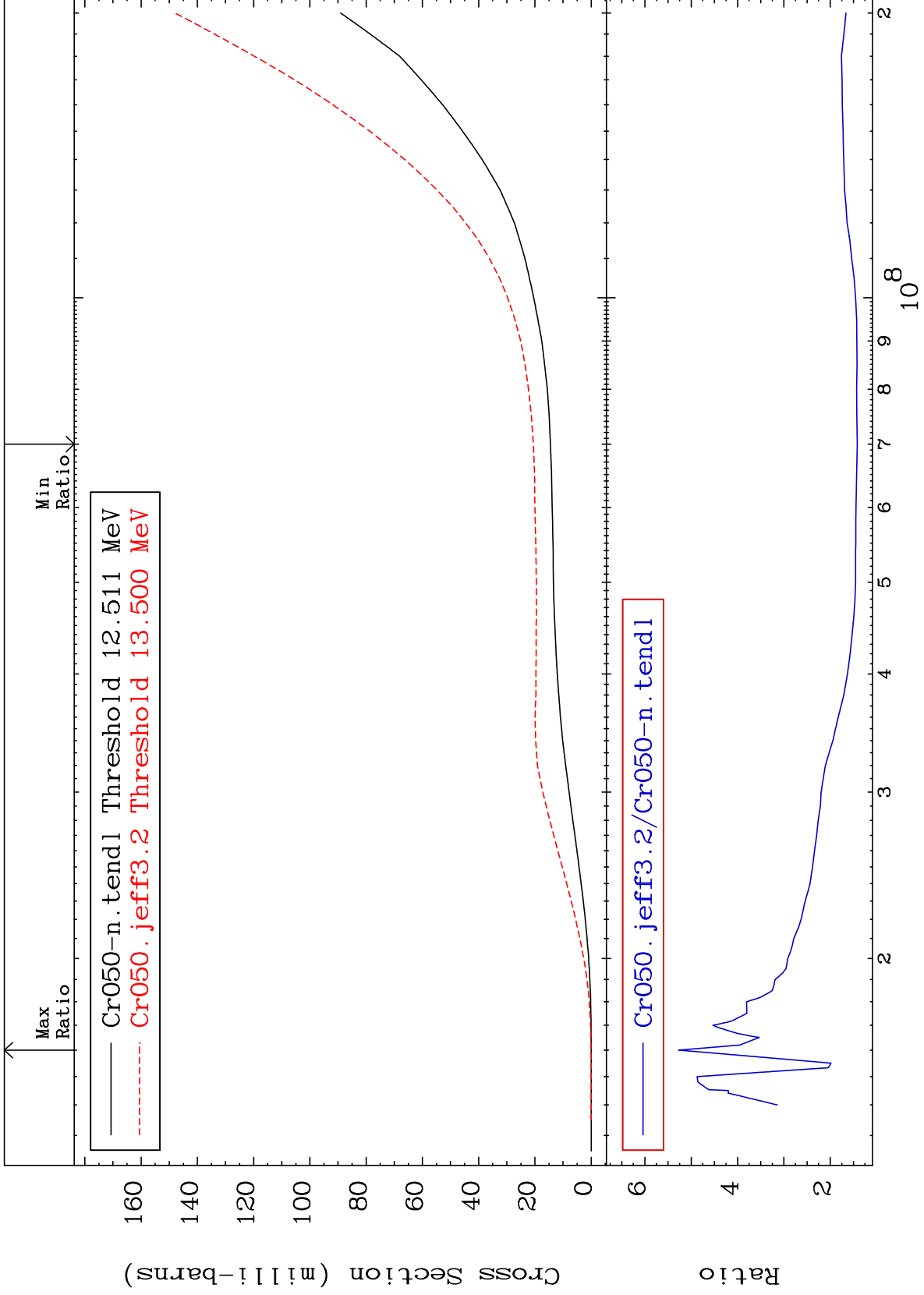
27

24-Cr-50

MAT 2425

Tritium Production  
Cross Section

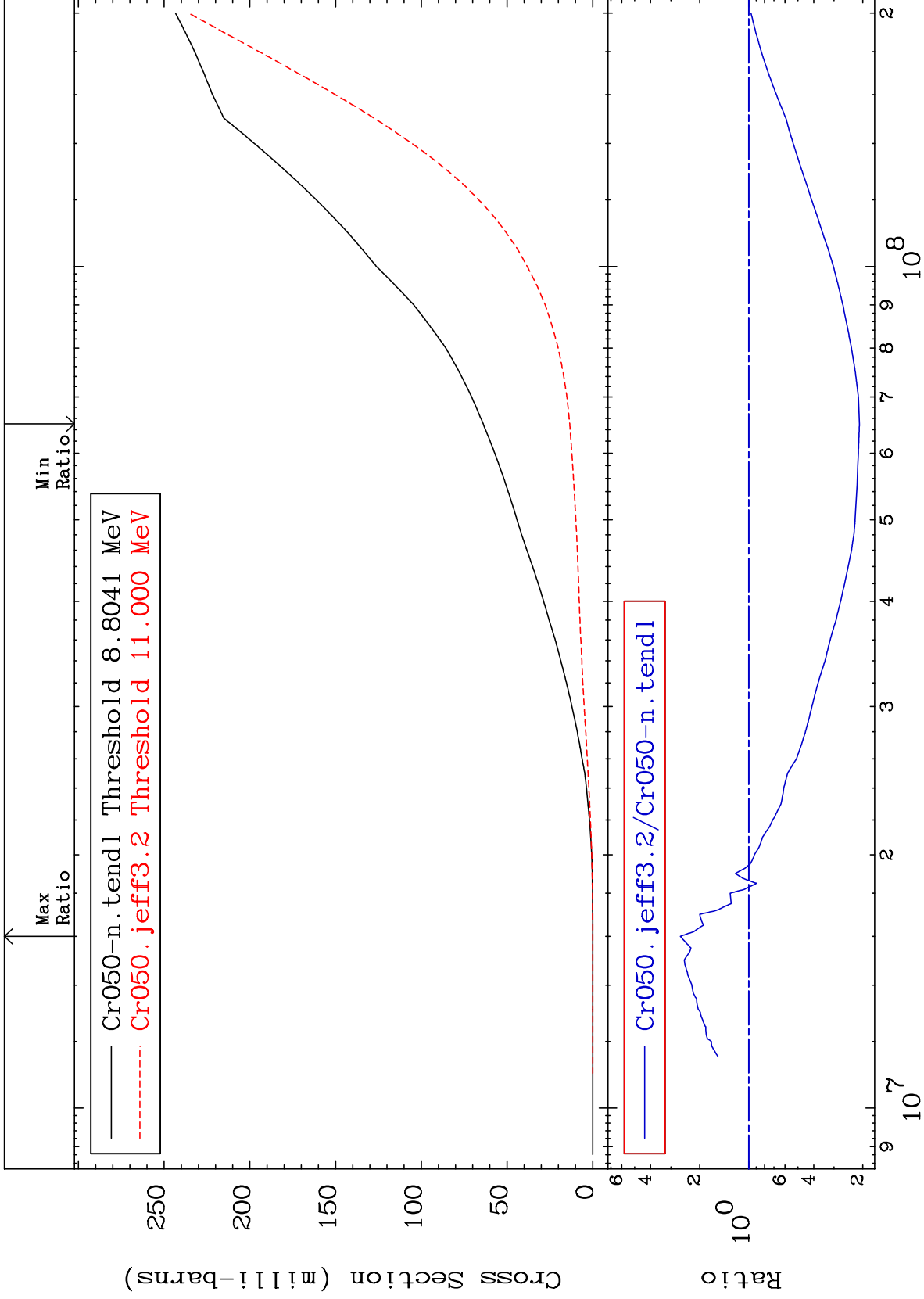
24-Cr-50  
41.69 To 427.2 %



MAT 2425

He-3 Production  
Cross Section

<sup>24</sup>Cr-50  
-79.02 To 162.5 %



29

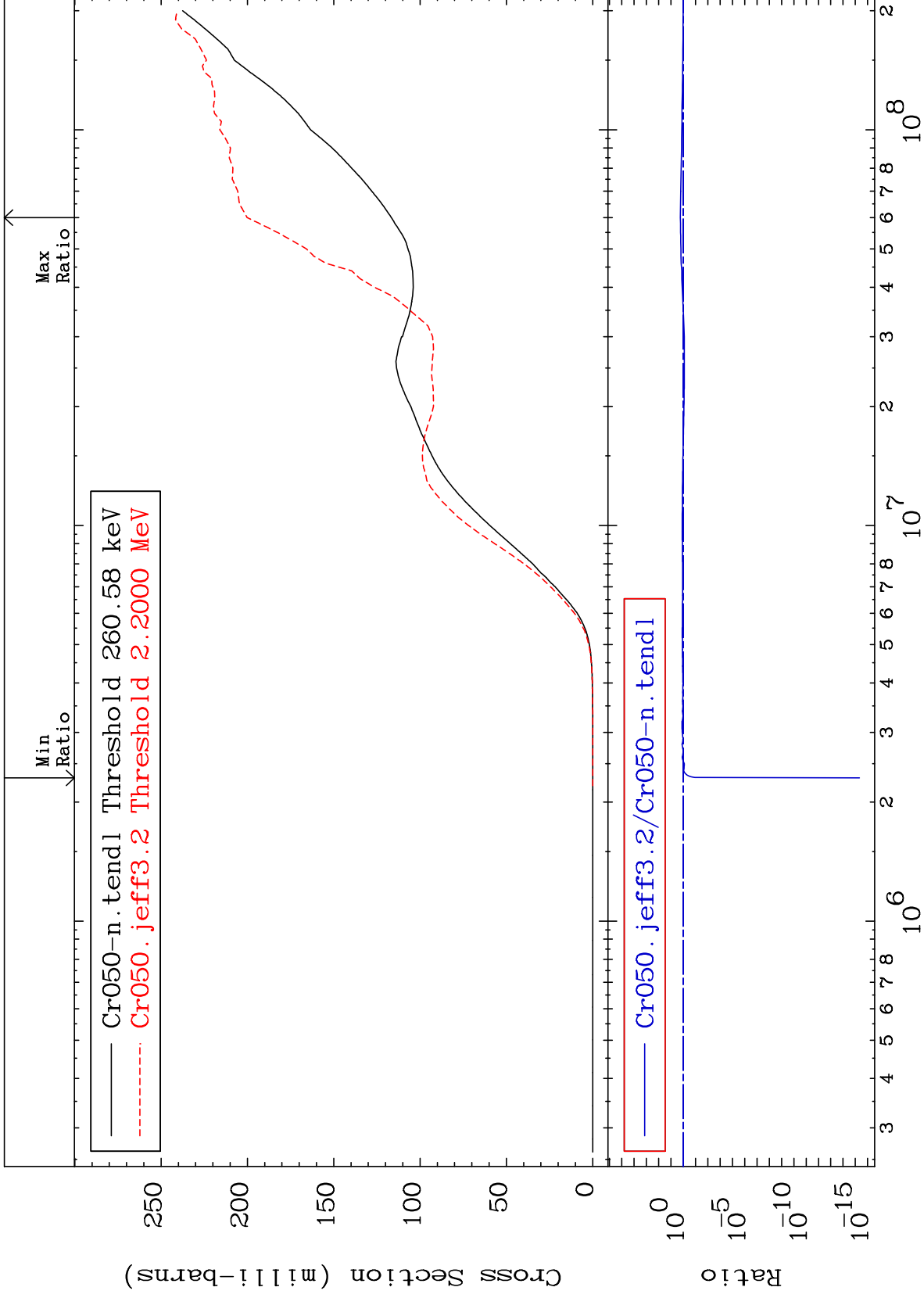
Incident Energy (eV)

<sup>24</sup>Cr-50

MAT 2425

He-4 Production  
Cross Section

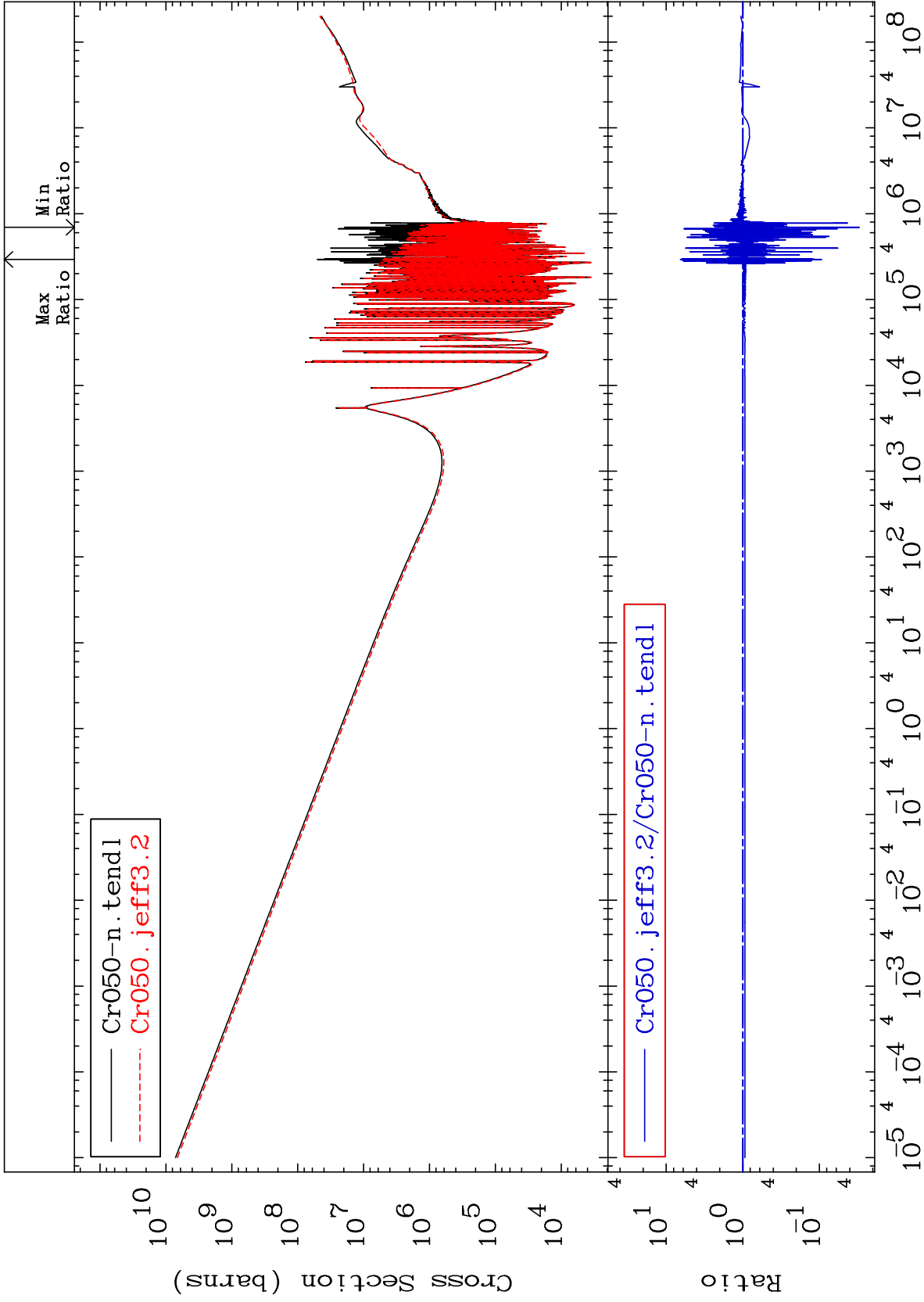
$^{24}\text{Cr-50}$   
-100.0 To 71.64 %



30

Incident Energy (eV)

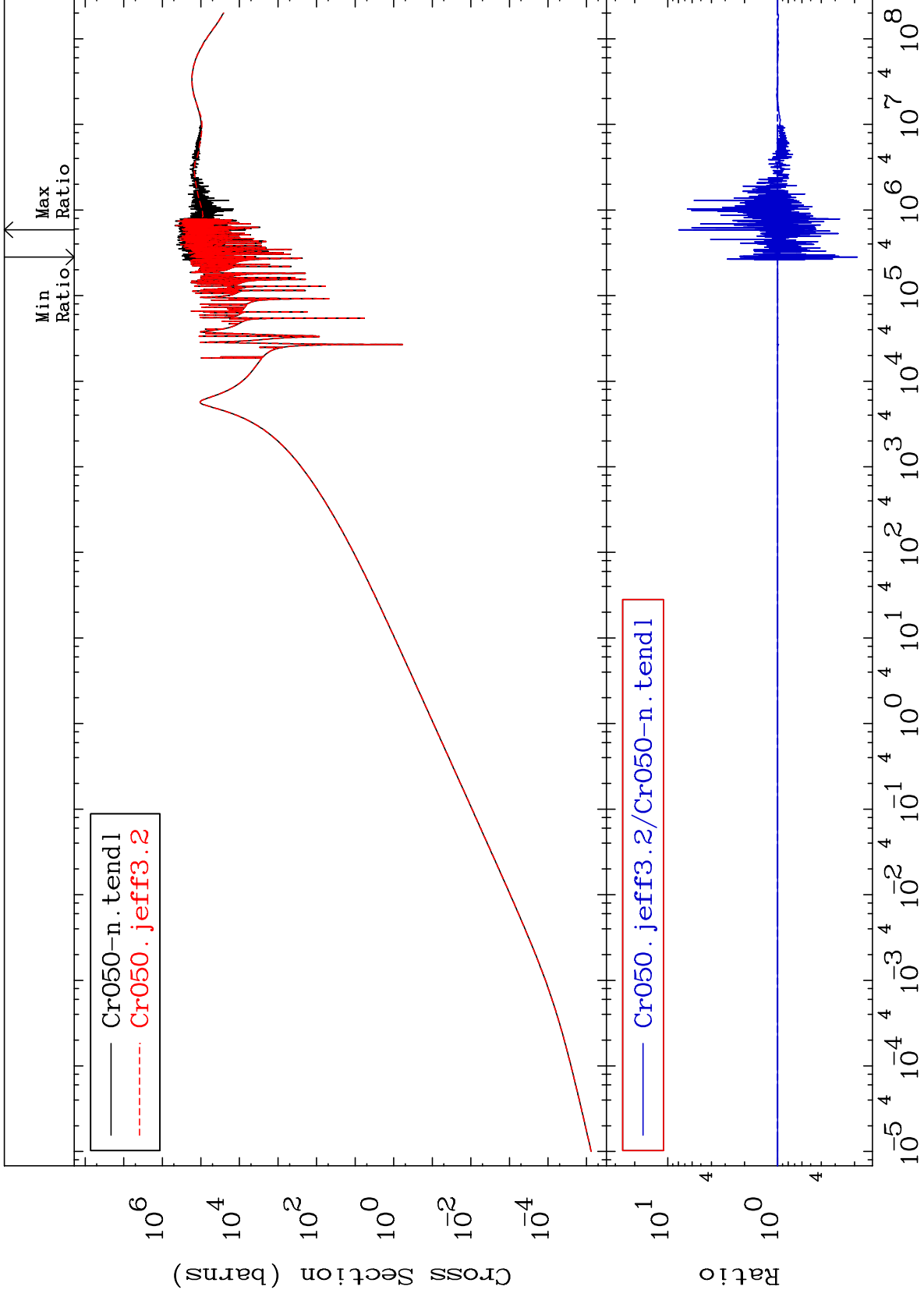
$^{24}\text{Cr-50}$



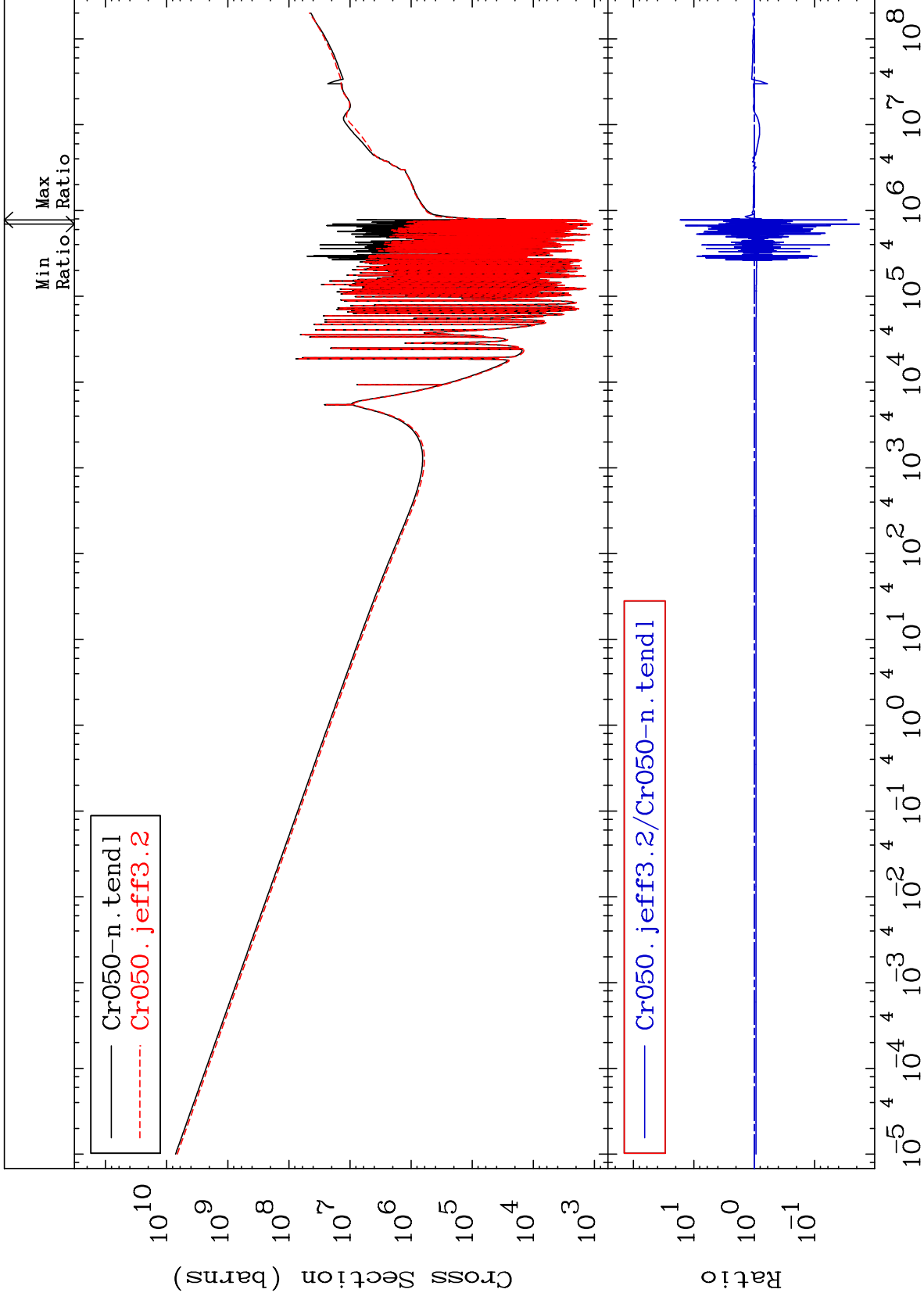
MAT 2425

Kerma elastic  
Cross Section

24-Cr-50  
-81.14 To 695.6 %



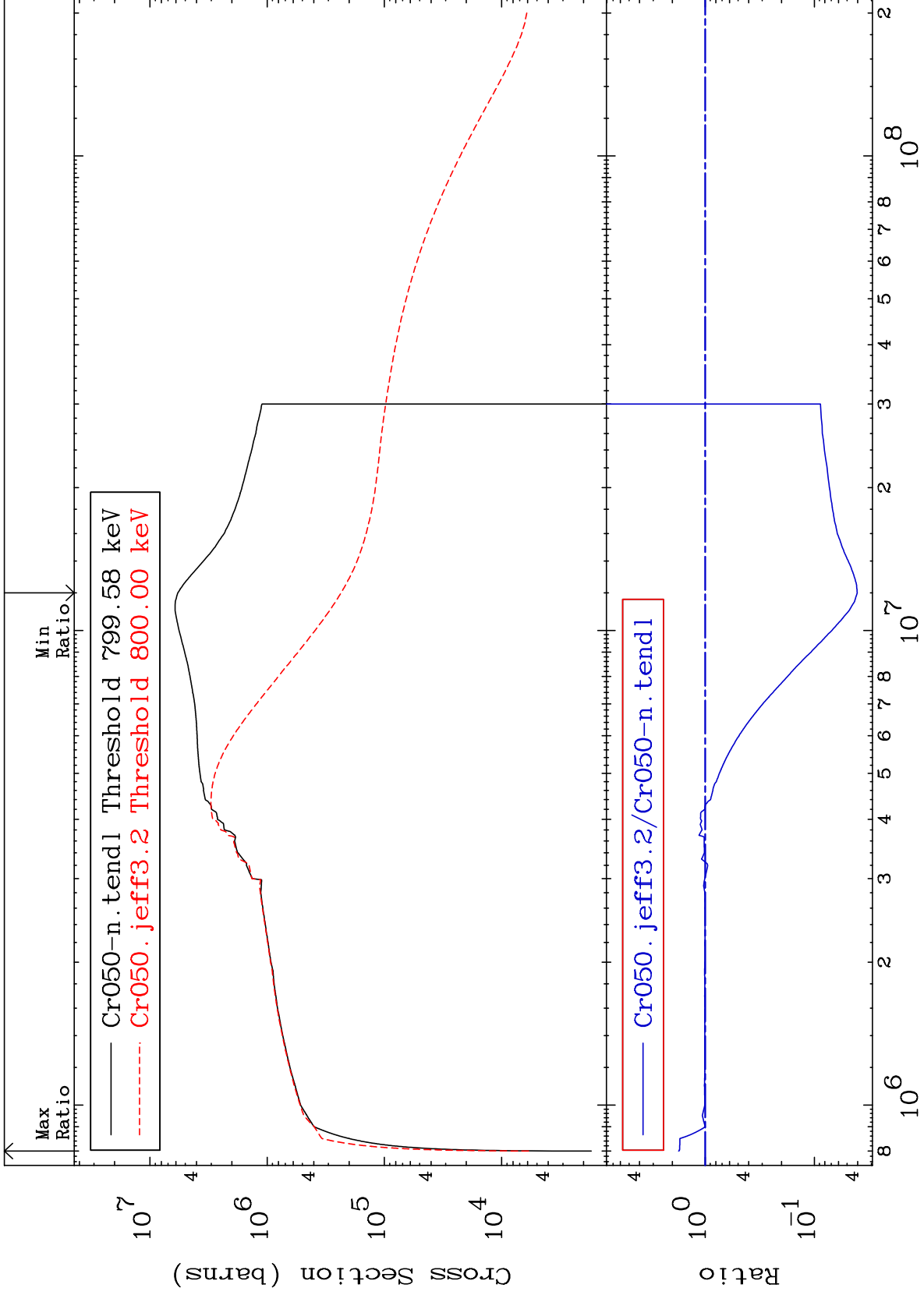




MAT 2425

Kerma inelastic (mt51-91)  
Cross Section

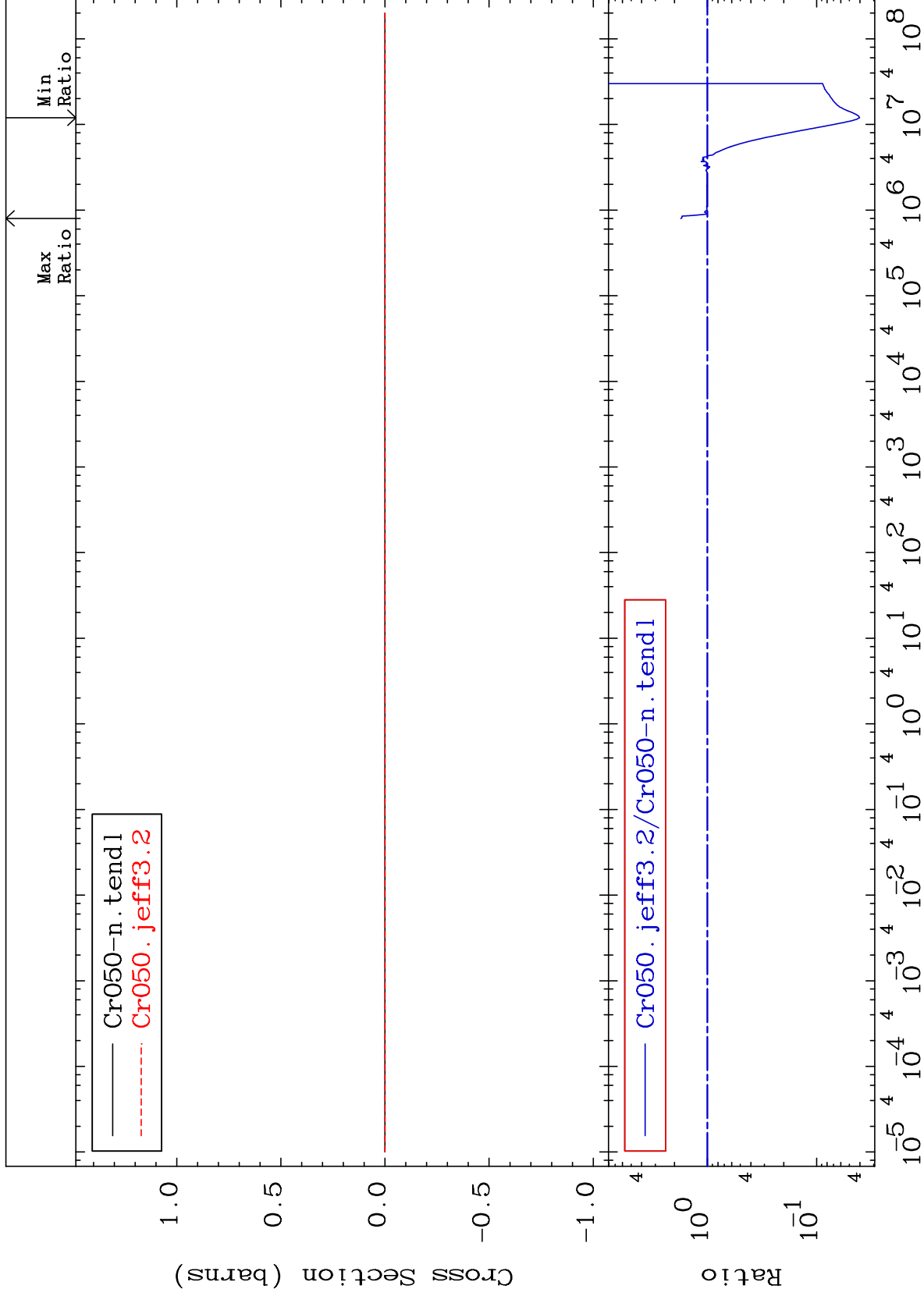
24-Cr-50  
-95.96 To 75.40 %



MAT 2425

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

24-Cr-50  
-95.96 To 75.40 %



35

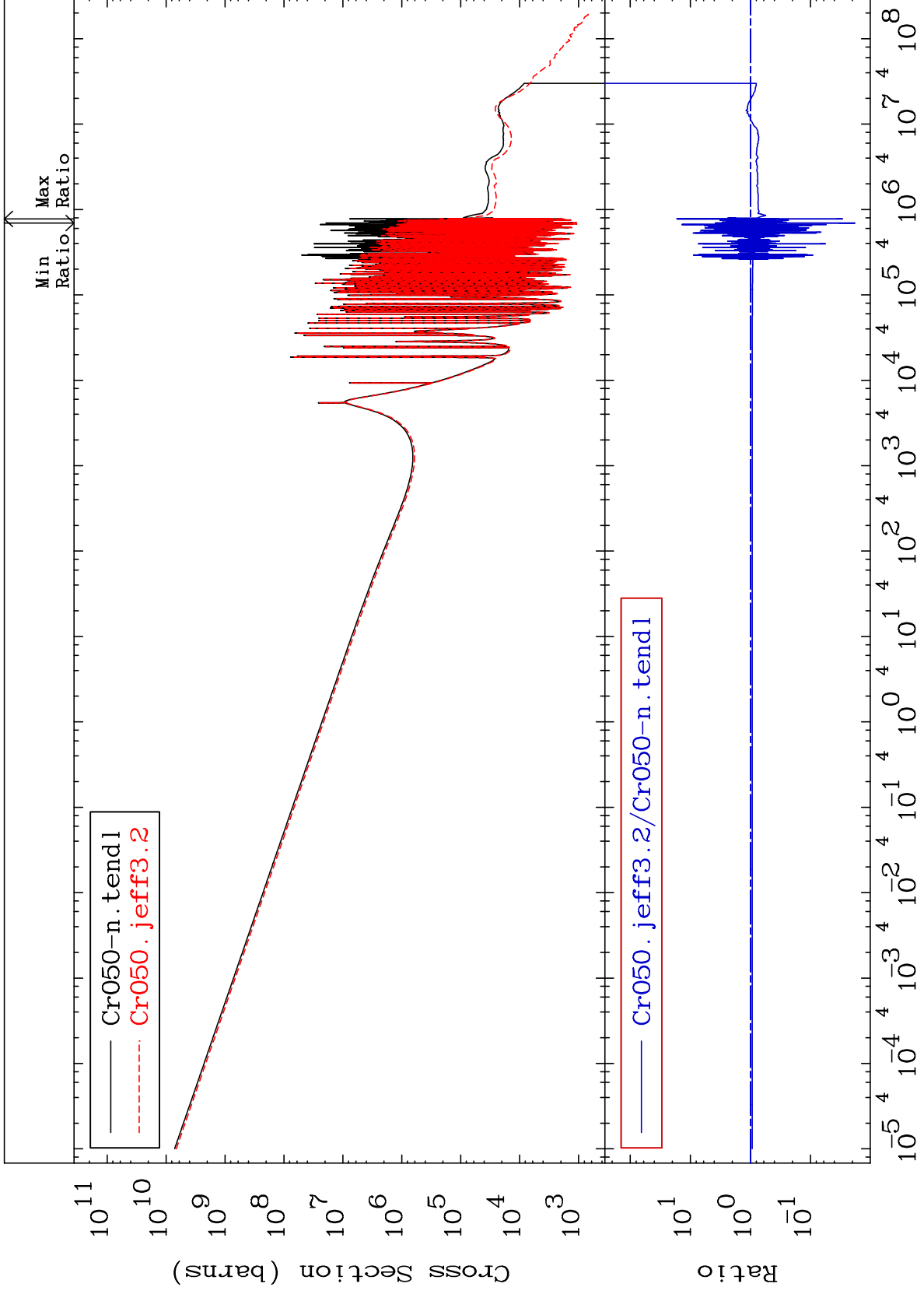
24-Cr-50

24-Cr-50

MAT 2425

Kerma capture (mt102)  
Cross Section

24-Cr-50  
-98.19 To 1574. %



36

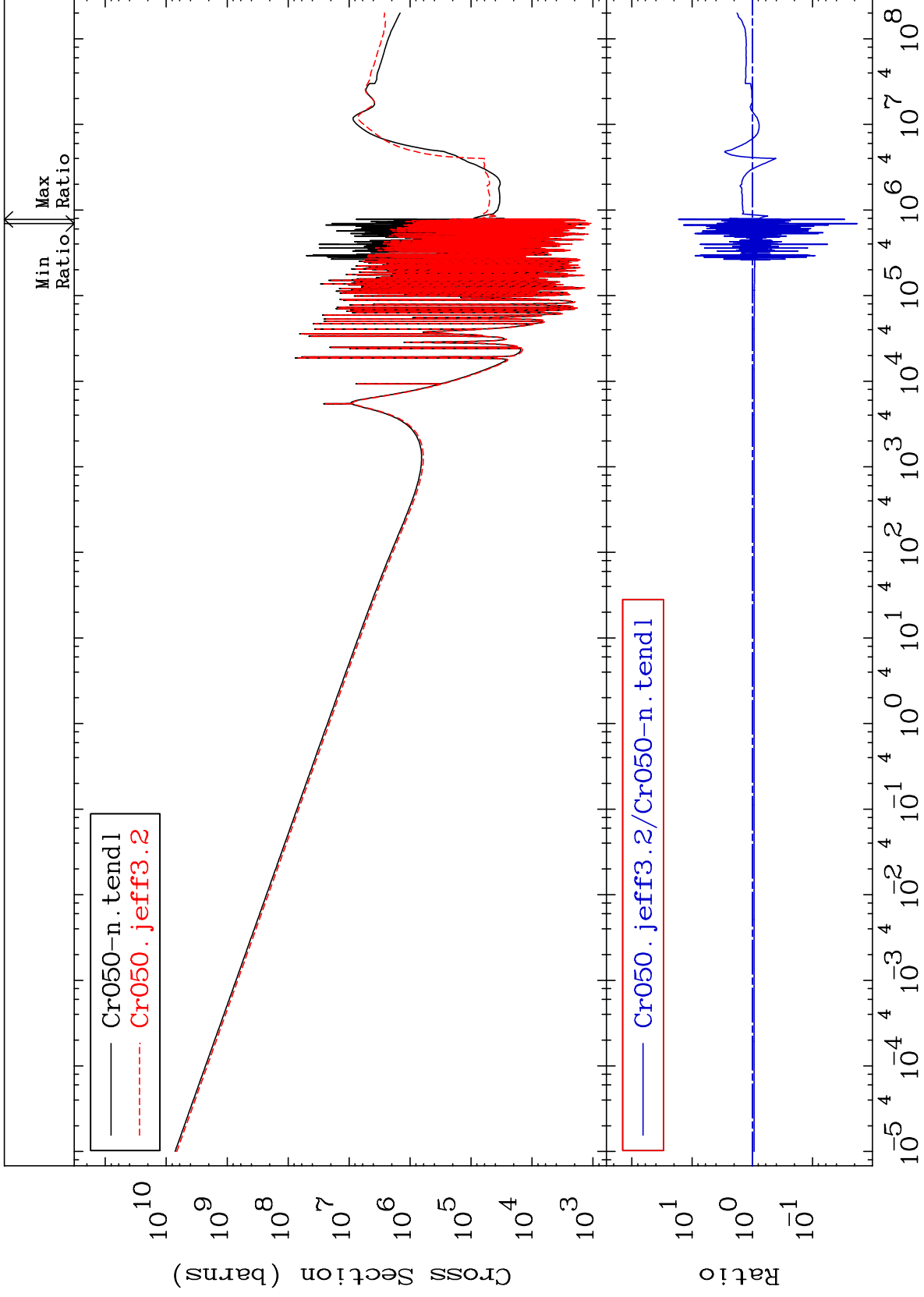
Incident Energy (eV)

24-Cr-50

MAT 2425

Total photon (eV-barns)  
Cross Section

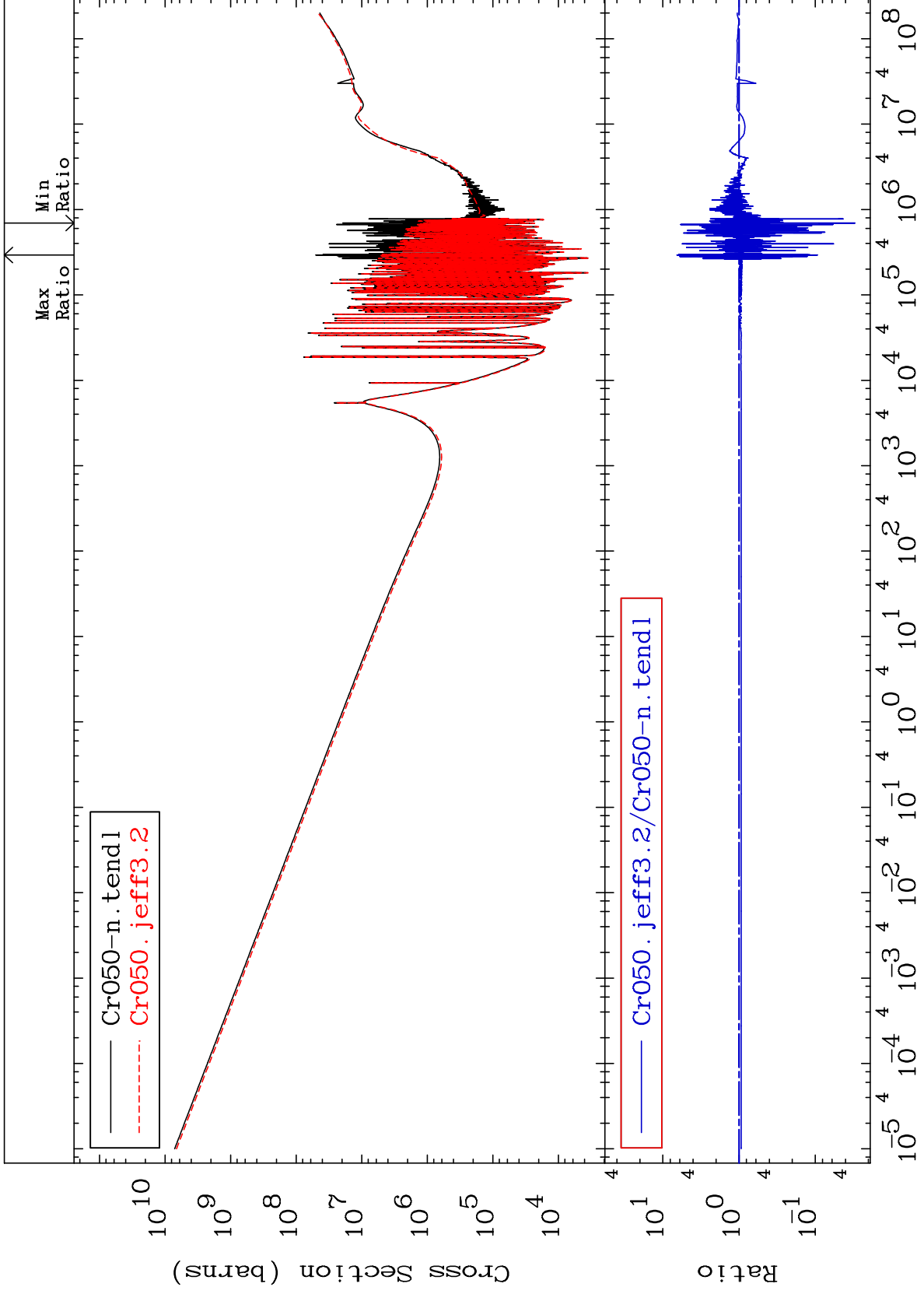
24-Cr-50  
-98.19 To 1574. %



MAT 2425

Total kinematic kerma (high limit)  
Cross Section

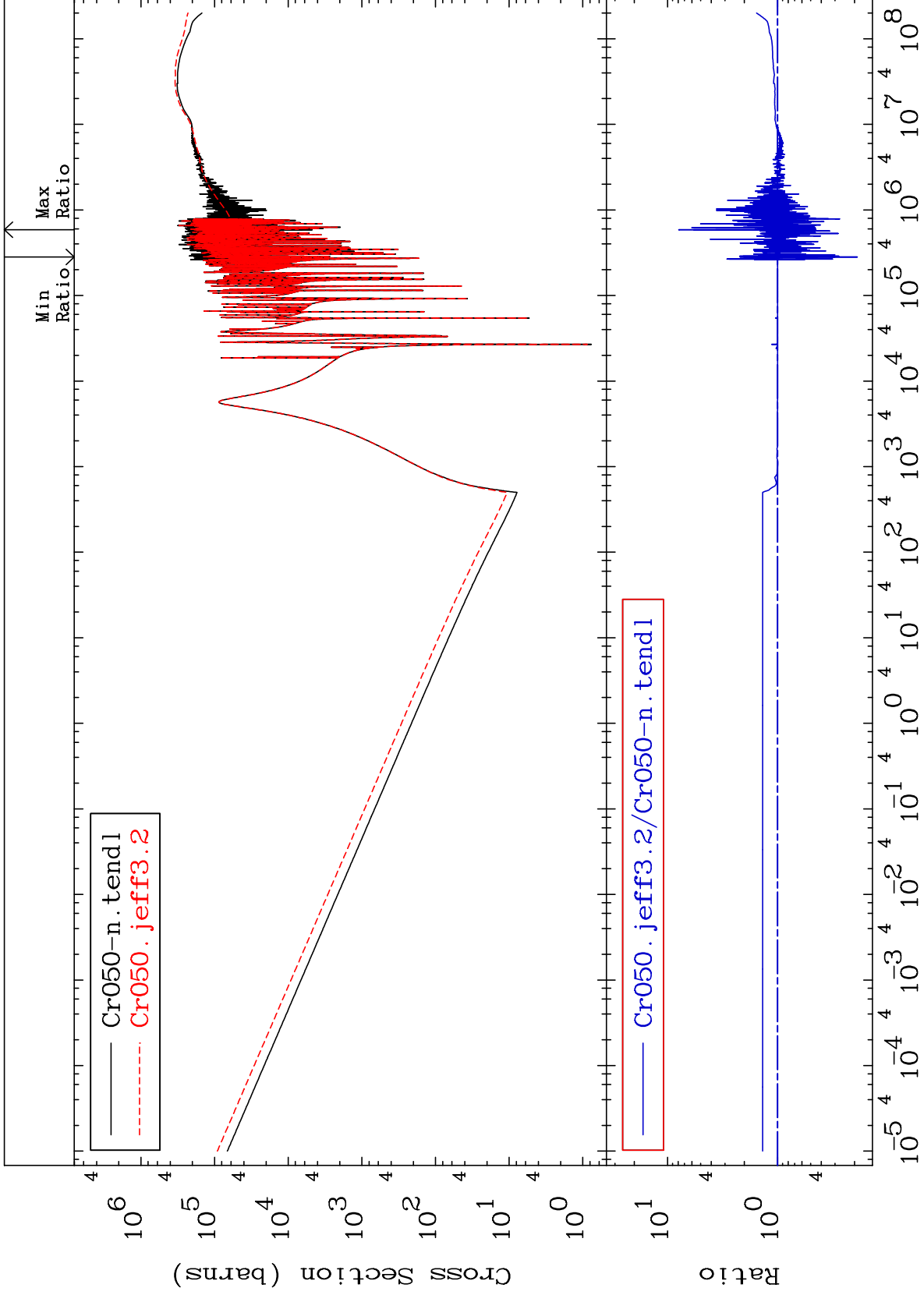
24-Cr-50  
-97.01 To 553.5 %

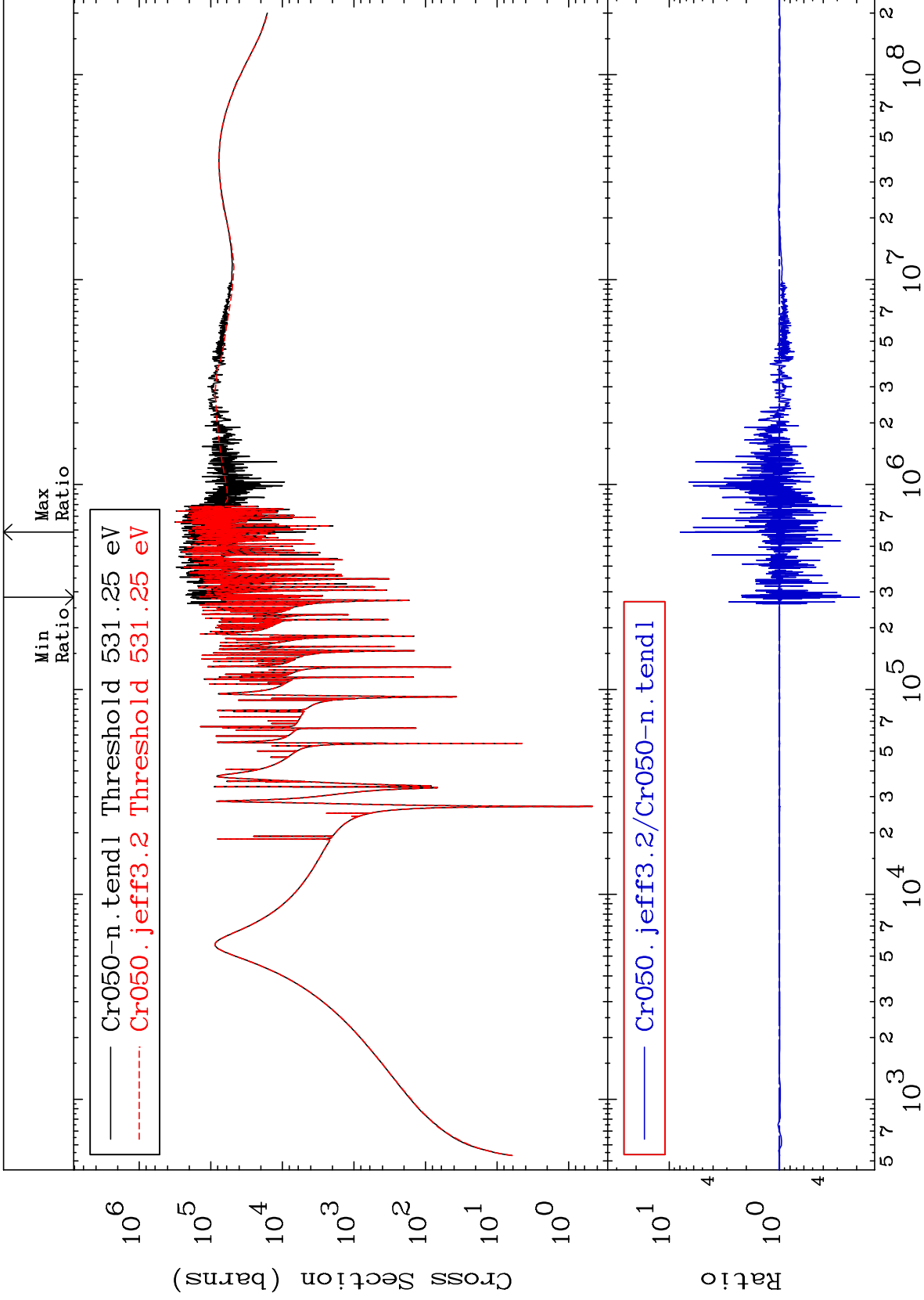


MAT 2425

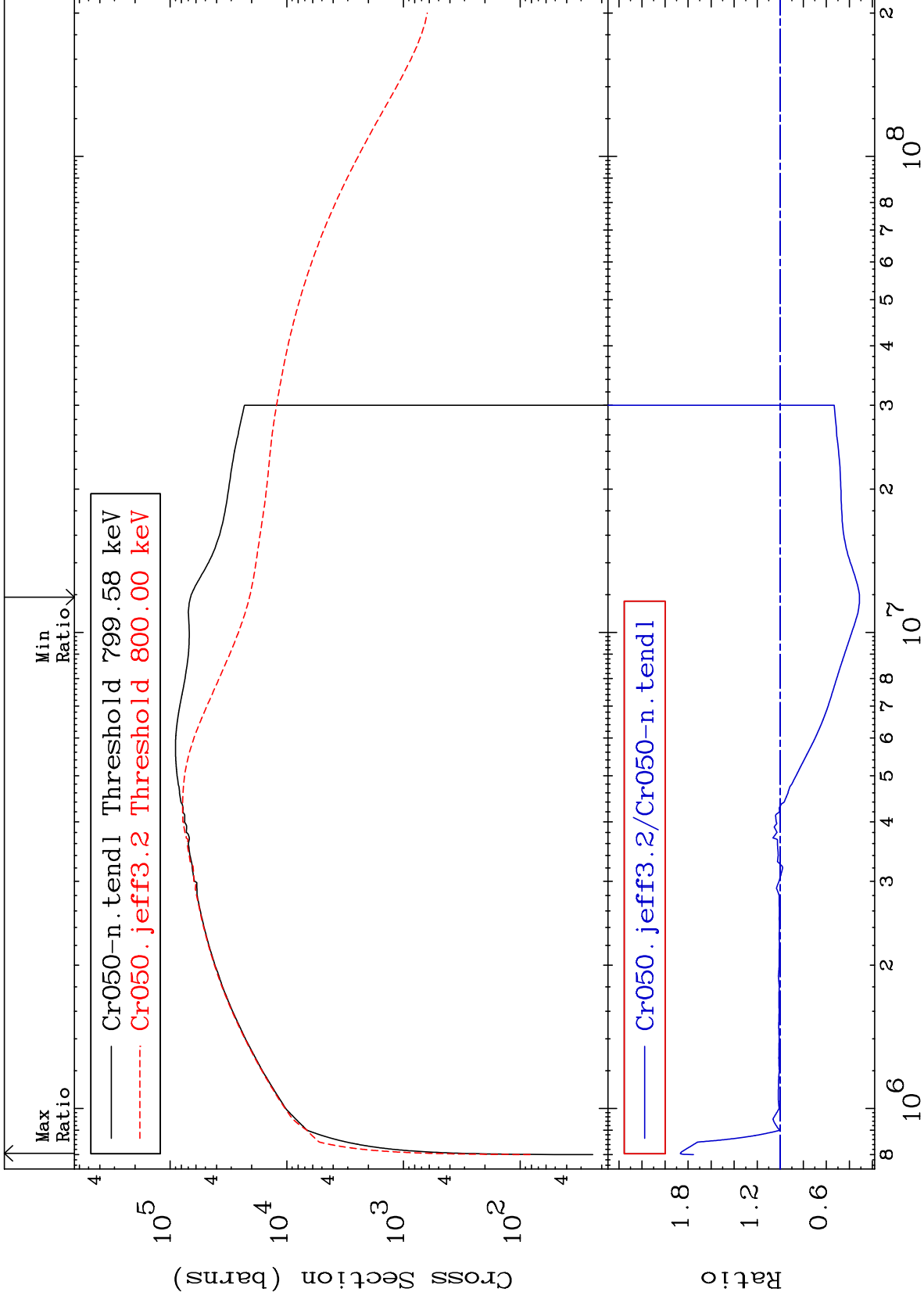
Dpa total (eV-barns)  
Cross Section

24-Cr-50  
-81.14 To 691.6 %









MAT 2425

Dpa disappearance (mt102 -120)  
Cross Section

24-Cr-50  
-100.0 To 1999. %

