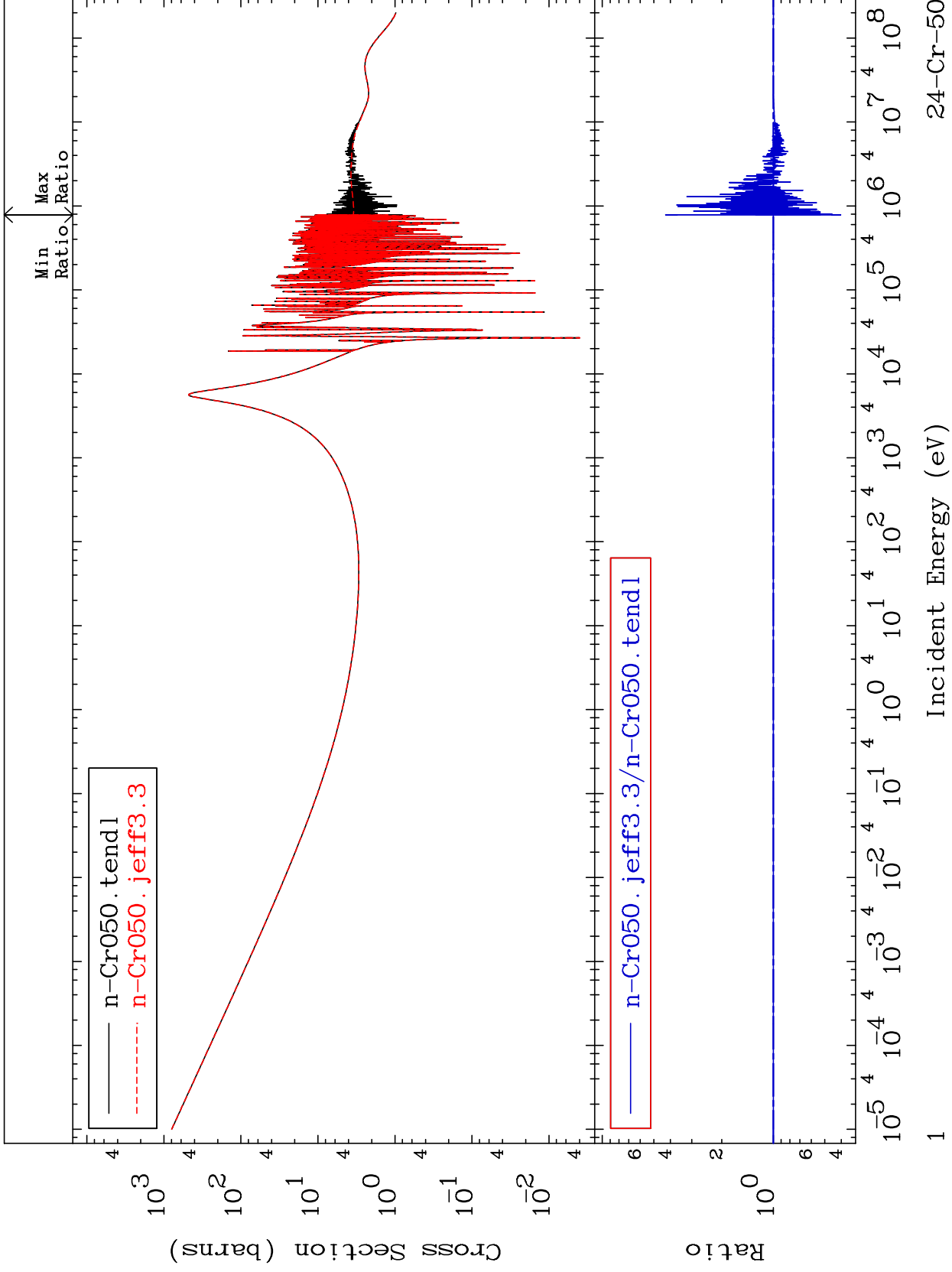


MAT 2425

Total
Cross Section

24-Cr-50
-59.63 To 327.1 %



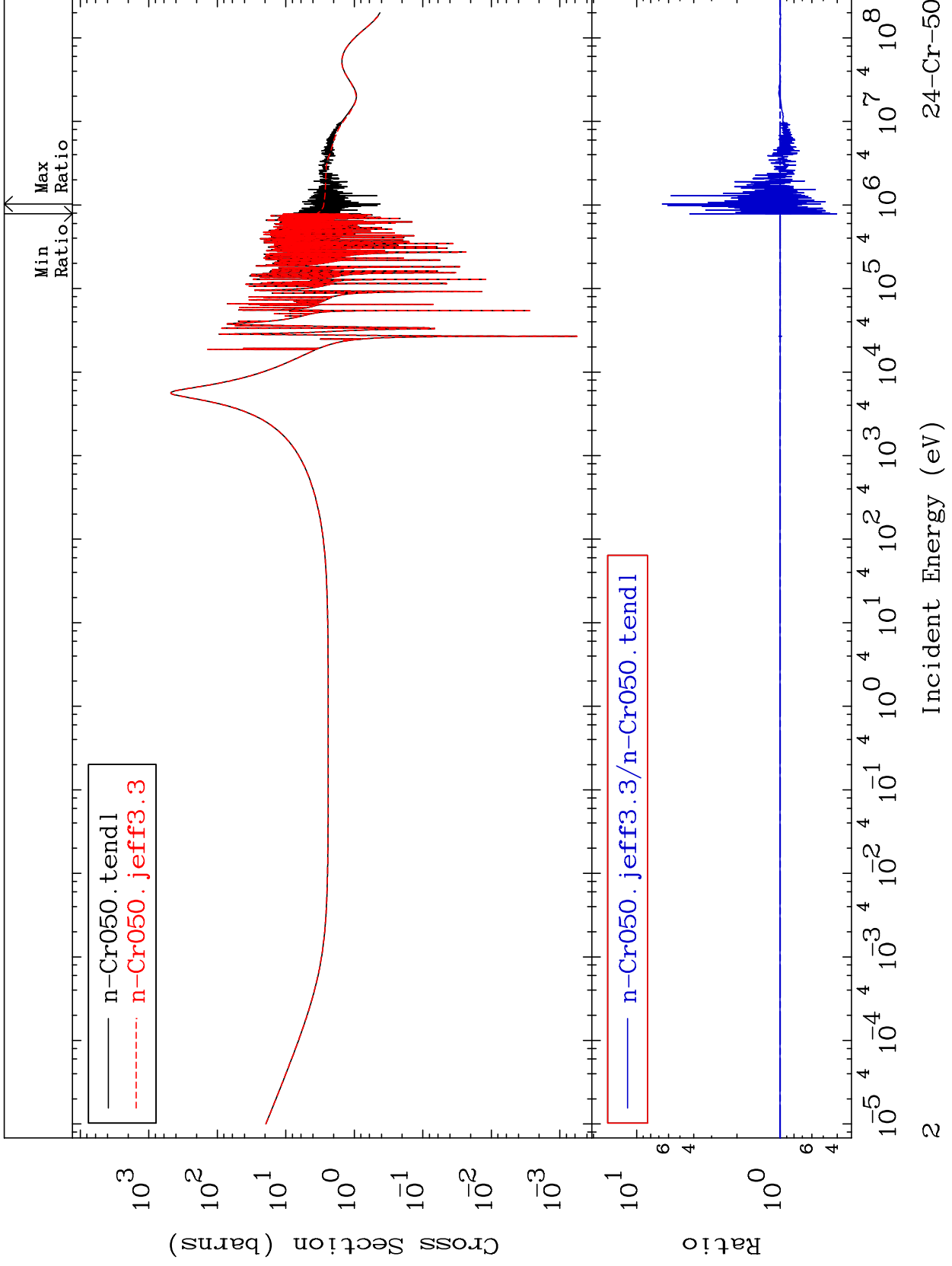
Incident Energy (eV)

24-Cr-50

MAT 2425

Elastic
Cross Section

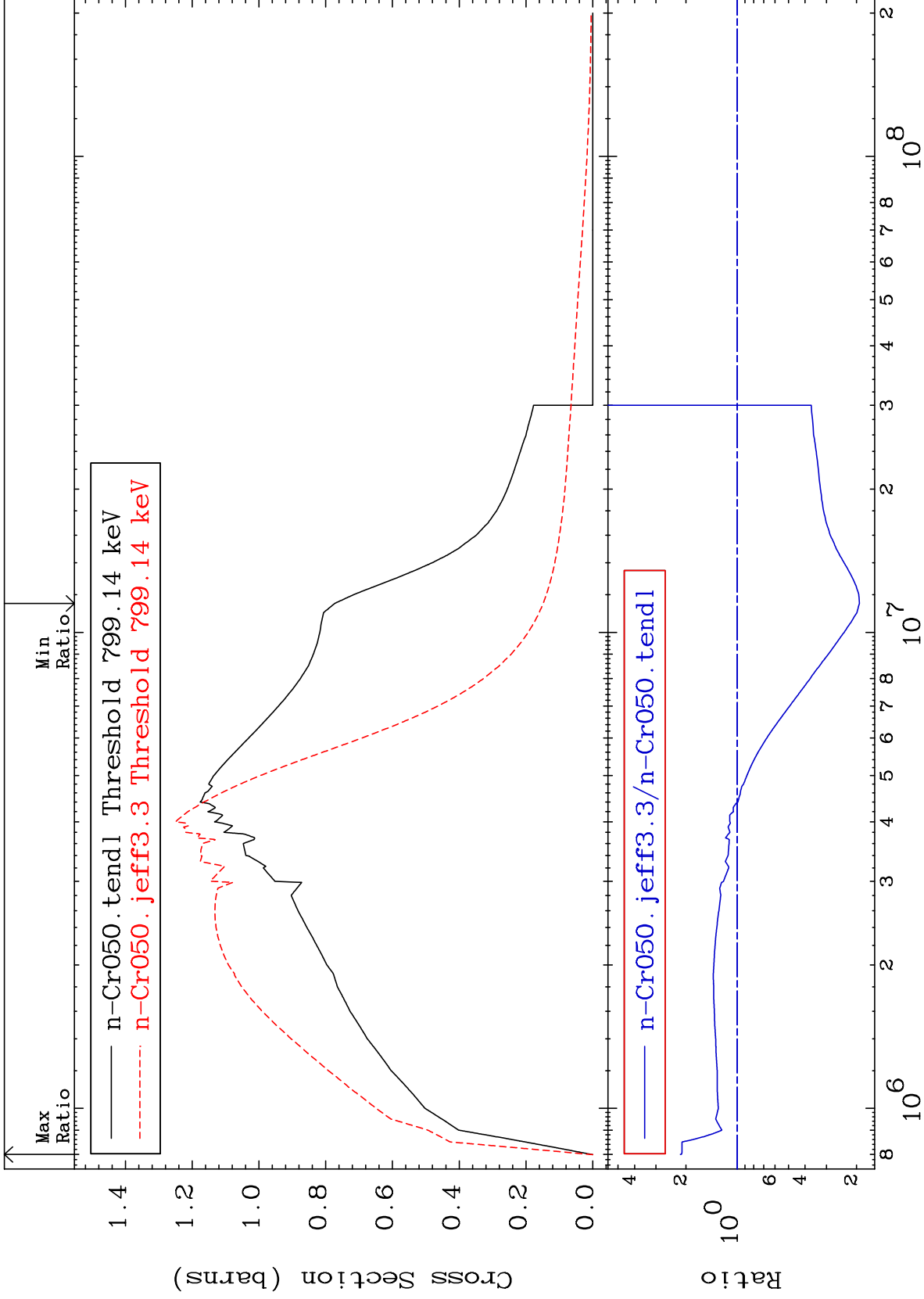
24-Cr-50
-59.65 To 562.8 %



MAT 2425

Inelastic
Cross Section

24-Cr-50
-80.80 To 115.5 %



Incident Energy (eV)

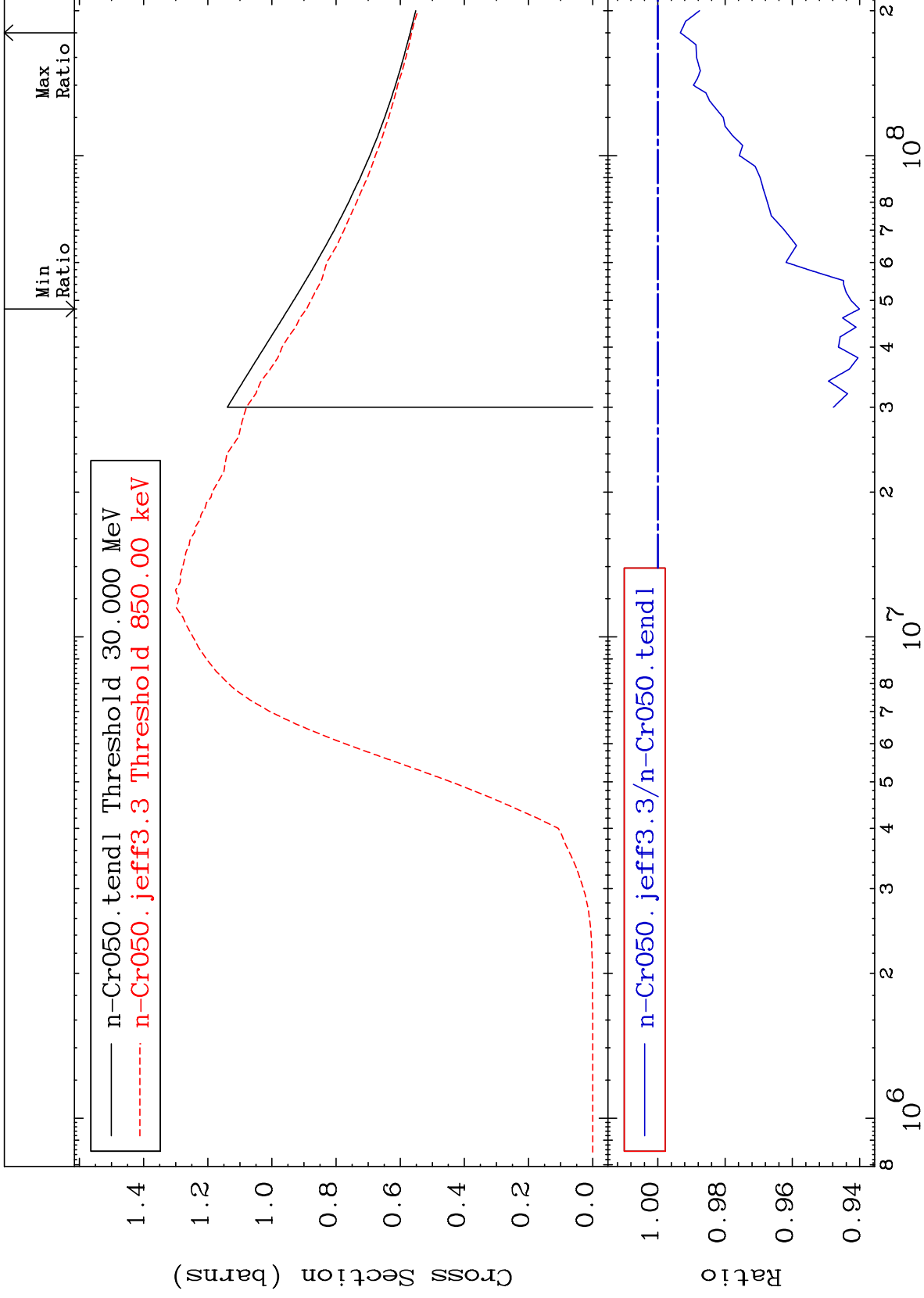
24-Cr-50

3

MAT 2425

(n, remainder)
Cross Section

24-Cr-50
-5.994 To -0.668%



Incident Energy (eV)

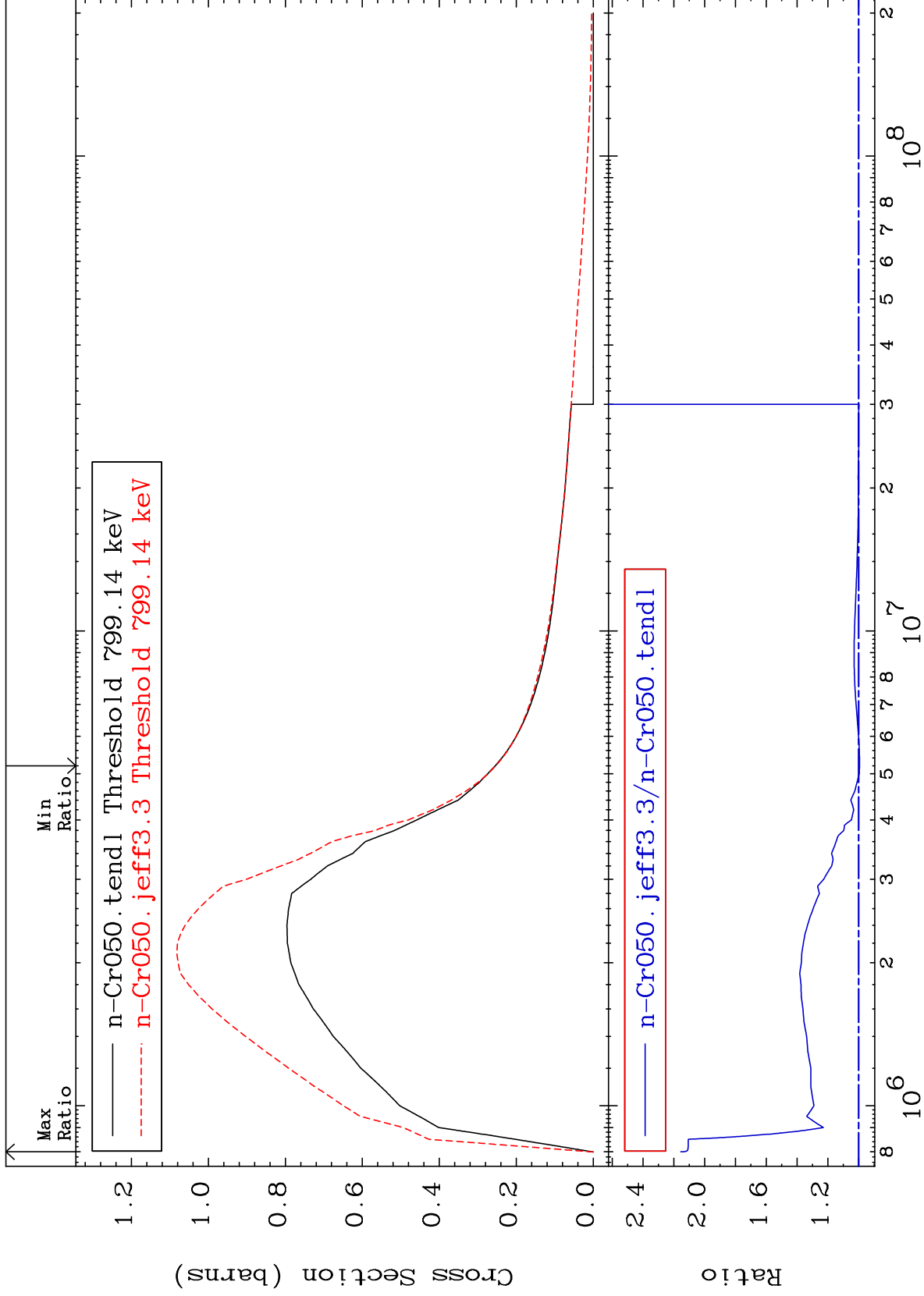
24-Cr-50

4

MAT 2425

MT= 51 (n,n') Level
Cross Section

24-Cr-50
-0.530 To 115.5 %



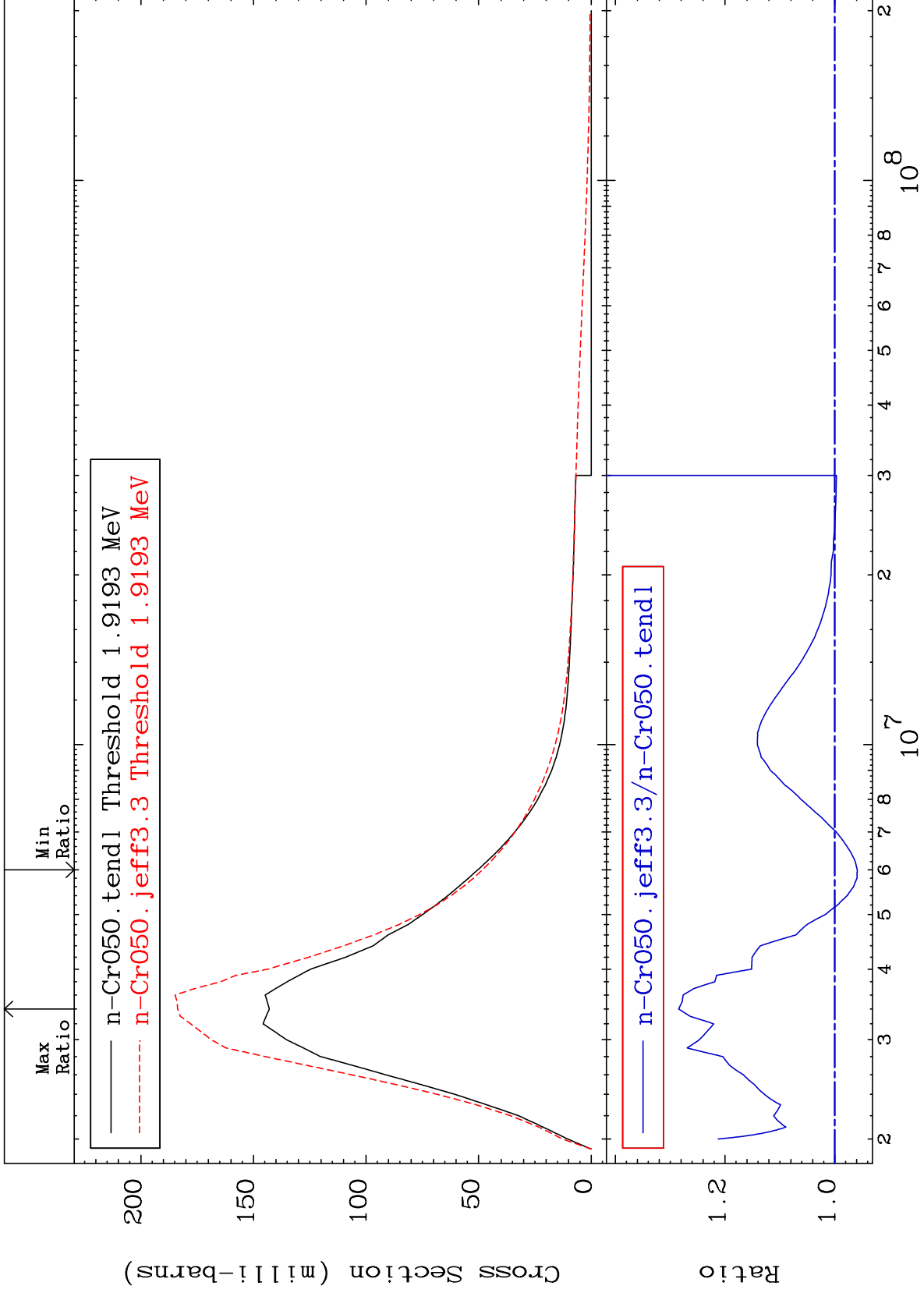
Incident Energy (eV)

24-Cr-50

MAT 2425

MT= 52 (n,n') Level
Cross Section

24-Cr-50
-4.115 To 28.47 %



6

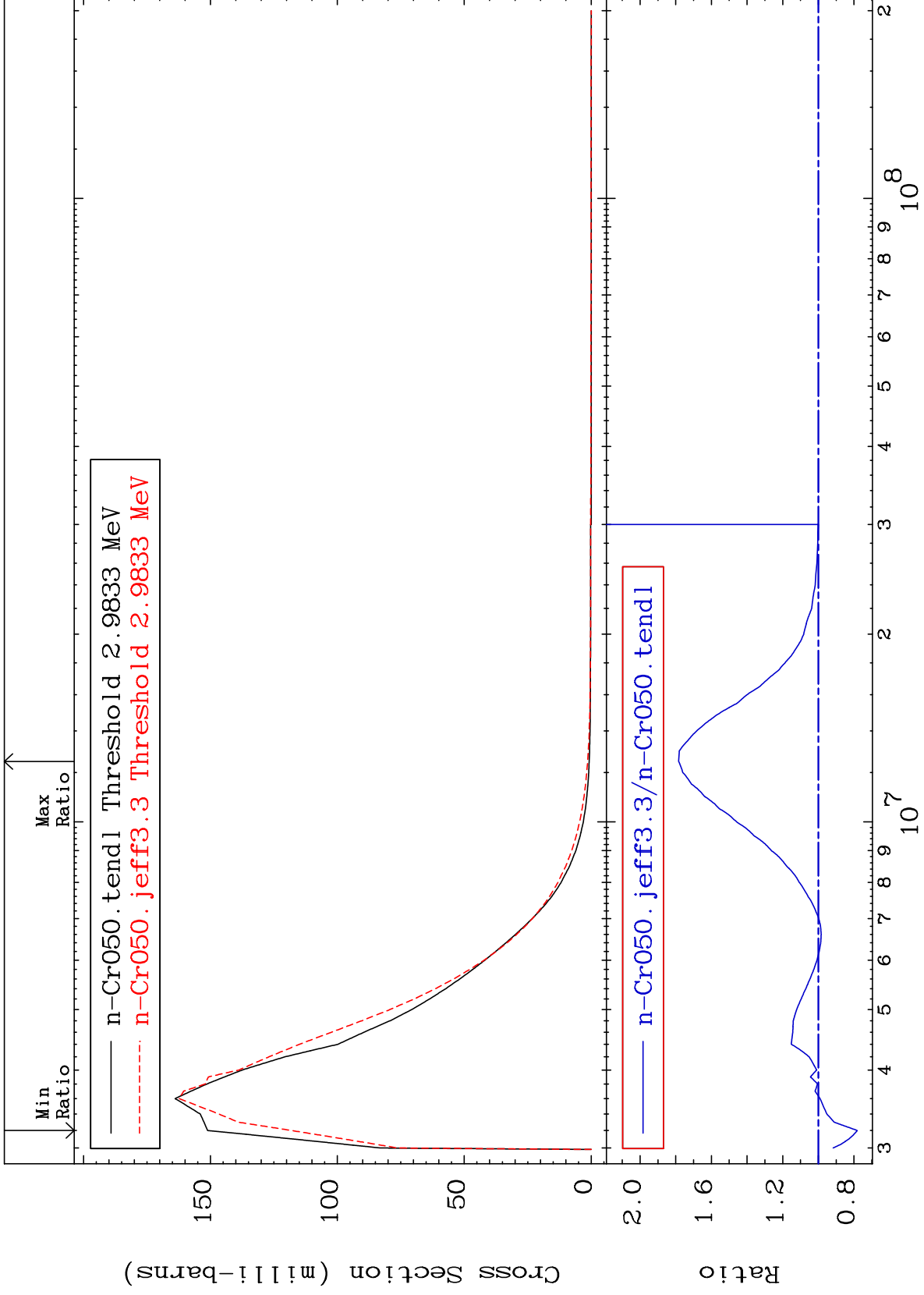
Incident Energy (eV)

24-Cr-50

MAT 2425

MT= 53 (n,n') Level
Cross Section

24-Cr-50
-21.84 To 78.39 %



7

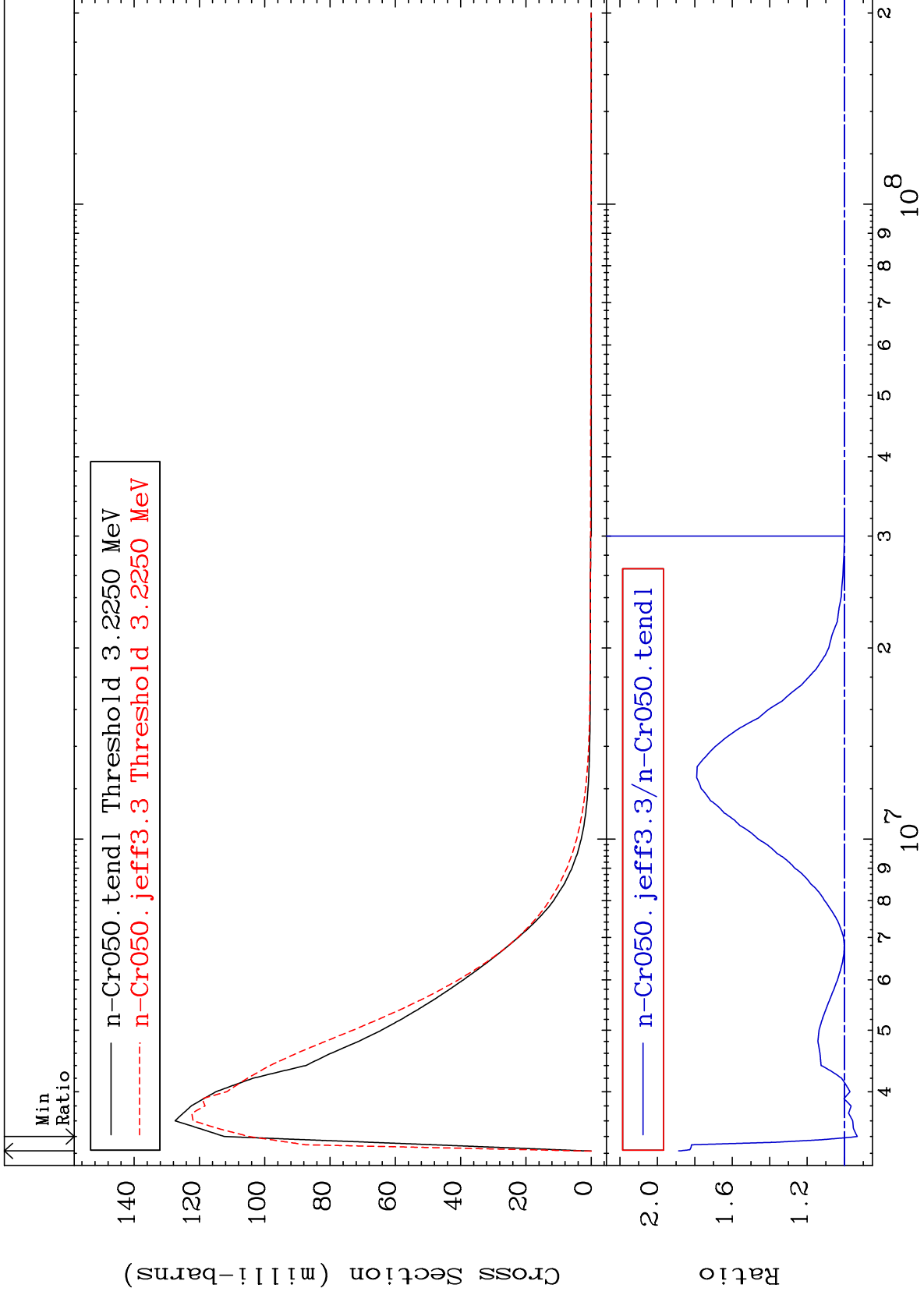
Incident Energy (eV)

24-Cr-50

MAT 2425

MT= 54 (n,n') Level
Cross Section

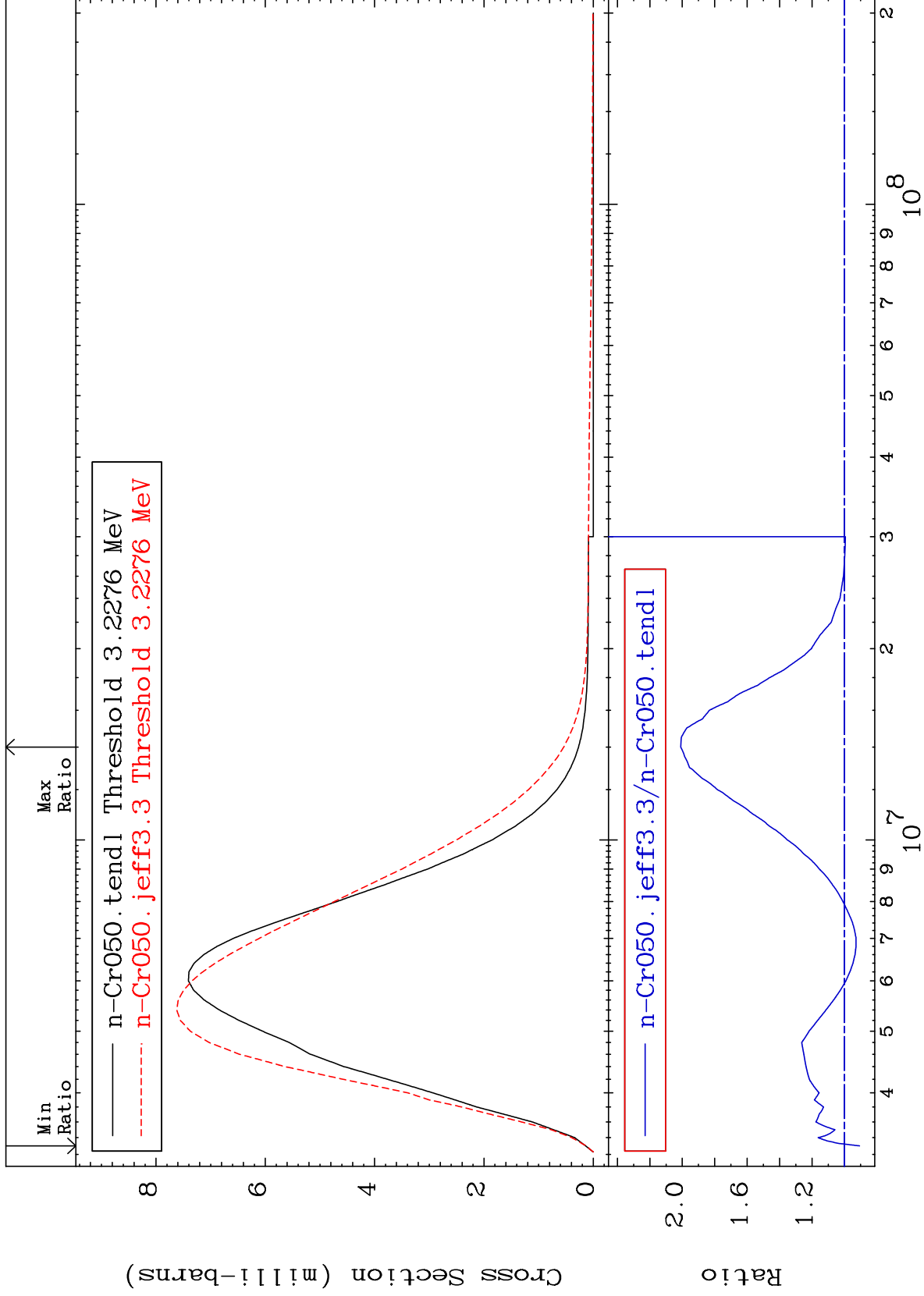
24-Cr-50
-6.735 To 88.63 %



MAT 2425

MT= 55 (n,n') Level
Cross Section

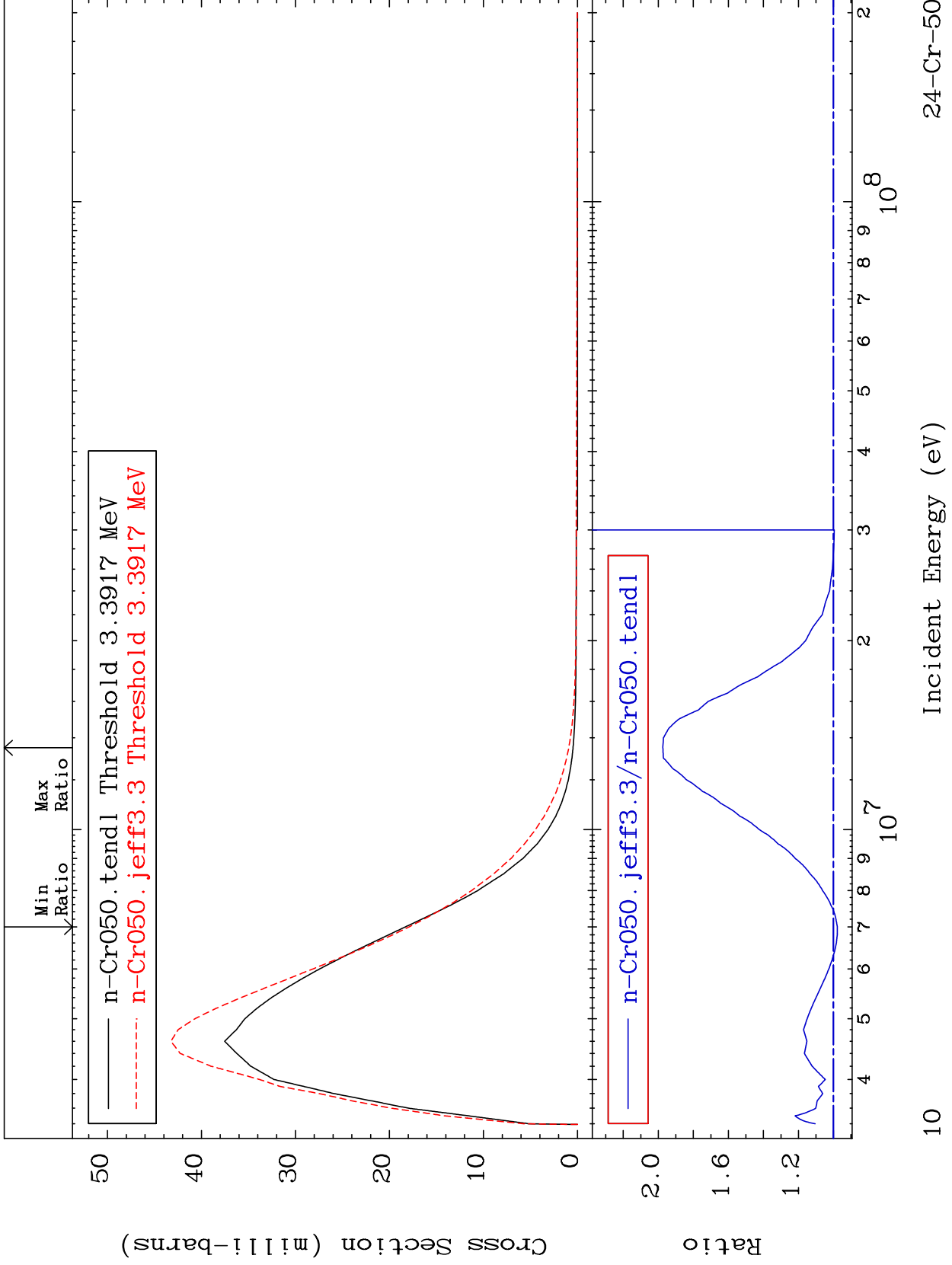
24-Cr-50
-9.322 To 100.9 %



MAT 2425

MT= 56 (n,n') Level
Cross Section

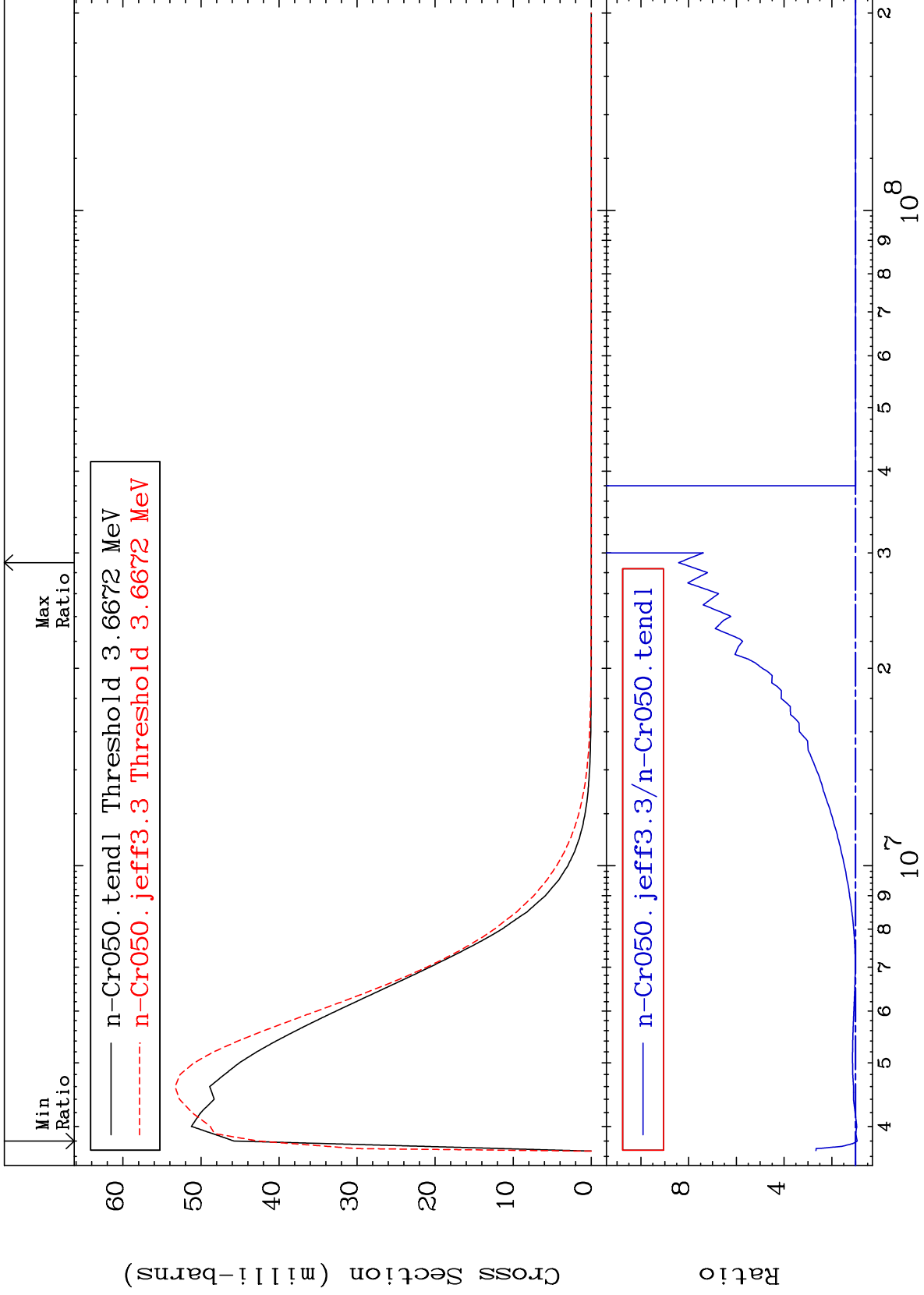
24-Cr-50
-2.177 To 97.41 %



MAT 2425

MT= 57 (n,n') Level
Cross Section

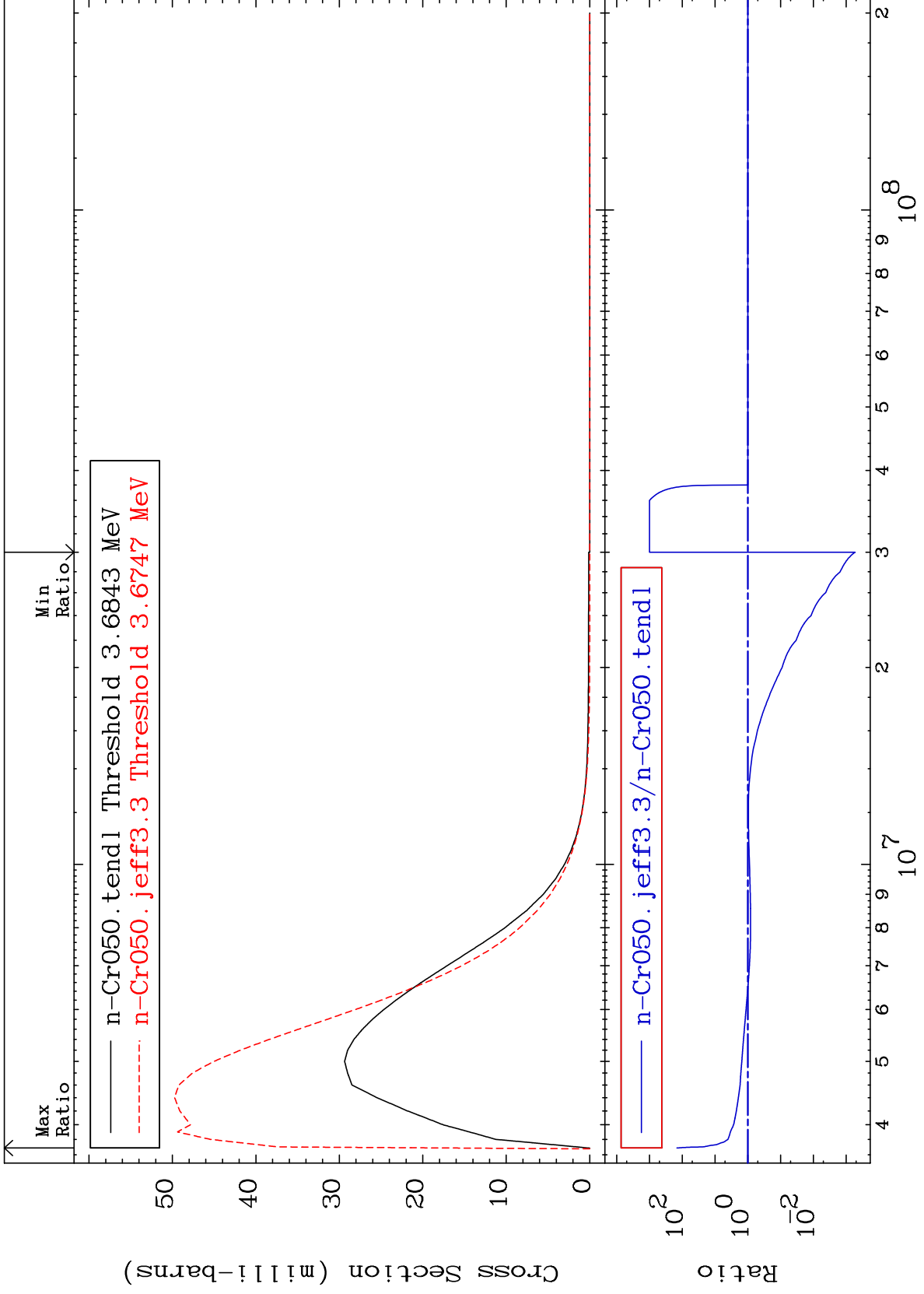
24-Cr-50
-6.751 To 741.9 %



MAT 2425

MT= 58 (n,n') Level
Cross Section

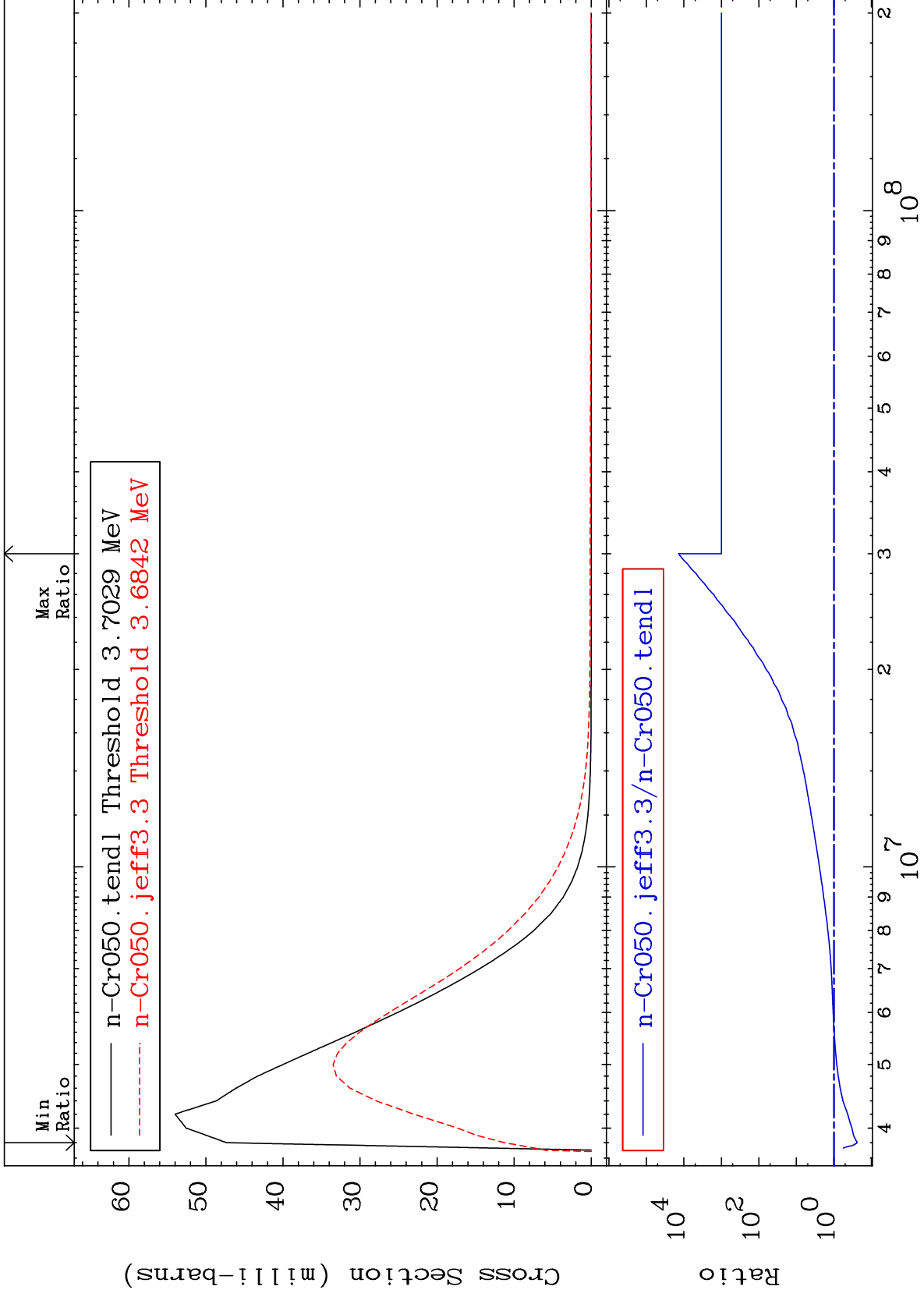
24-Cr-50
-99.95 To 9999. %



MAT 2425

MT= 59 (n,n') Level
Cross Section

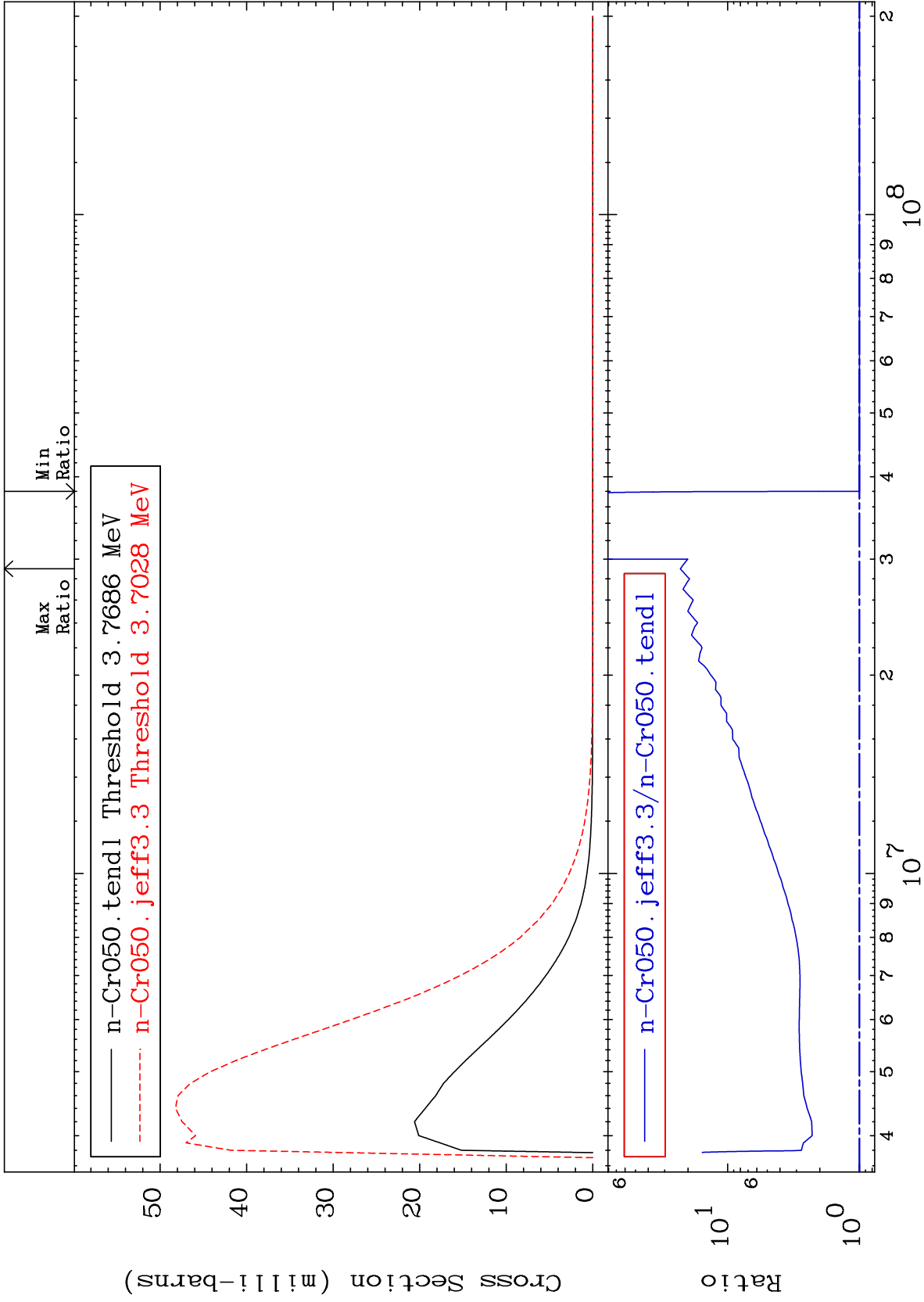
24-Cr-50
-76.24 To 9999. %



MAT 2425

MT= 60 (n,n') Level
Cross Section

24-Cr-50
0.000 To 2184. %



14

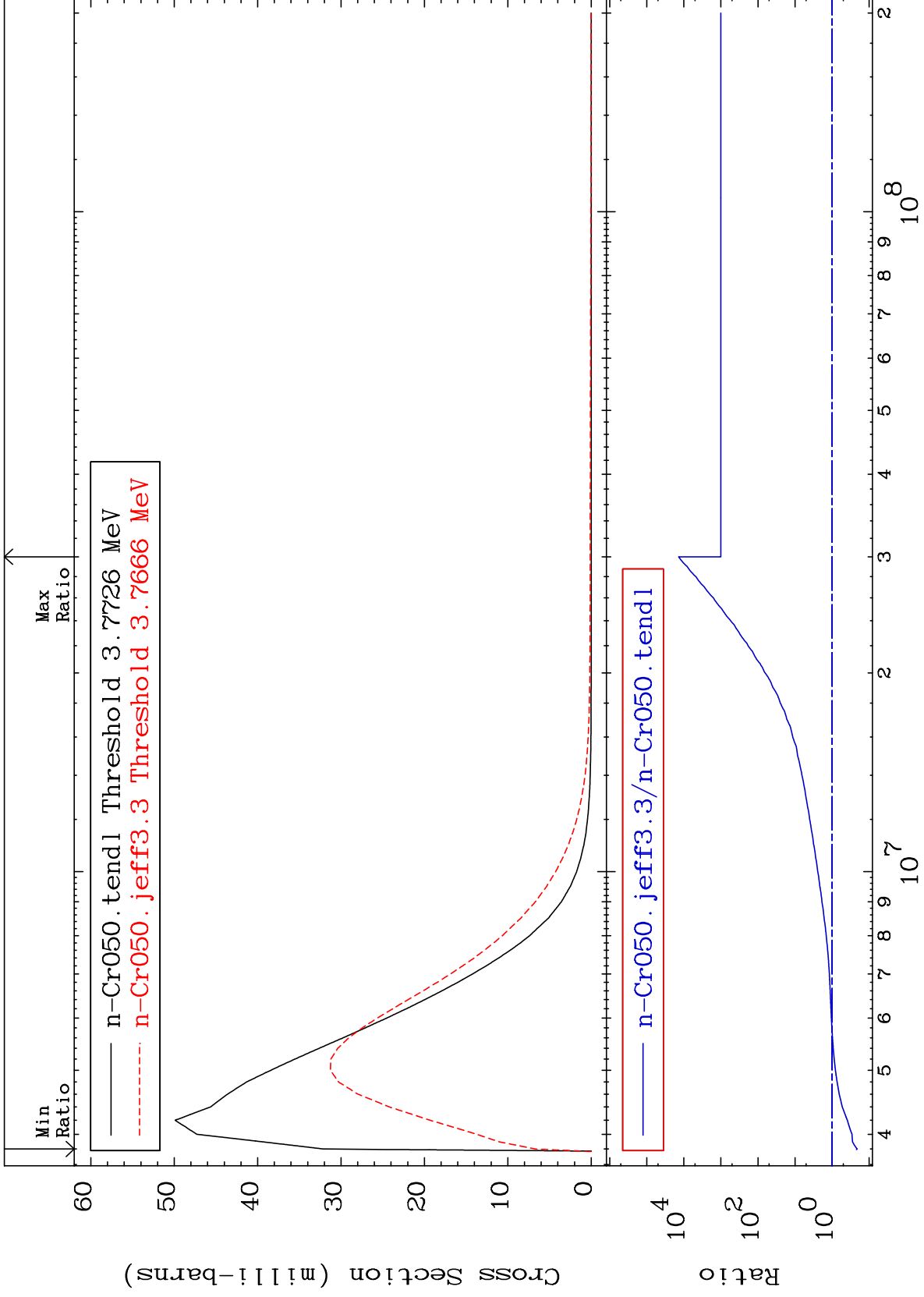
Incident Energy (eV)

24-Cr-50

MAT 2425

MT= 61 (n,n') Level
Cross Section

24-Cr-50
-79.06 To 9999. %



15

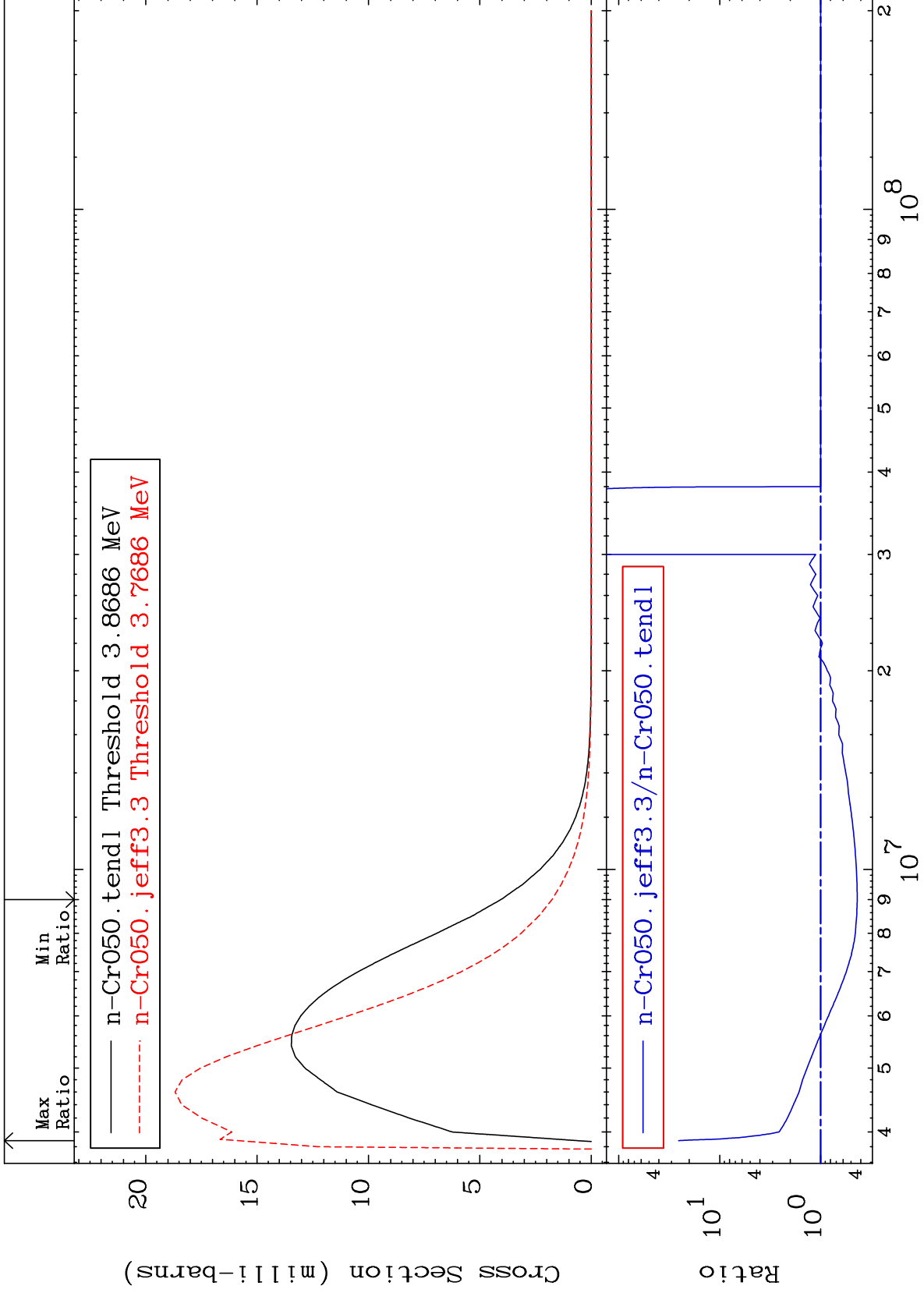
Incident Energy (eV)

24-Cr-50

MAT 2425

MT= 62 (n,n') Level
Cross Section

24-Cr-50
-56.54 To 2449. %



16

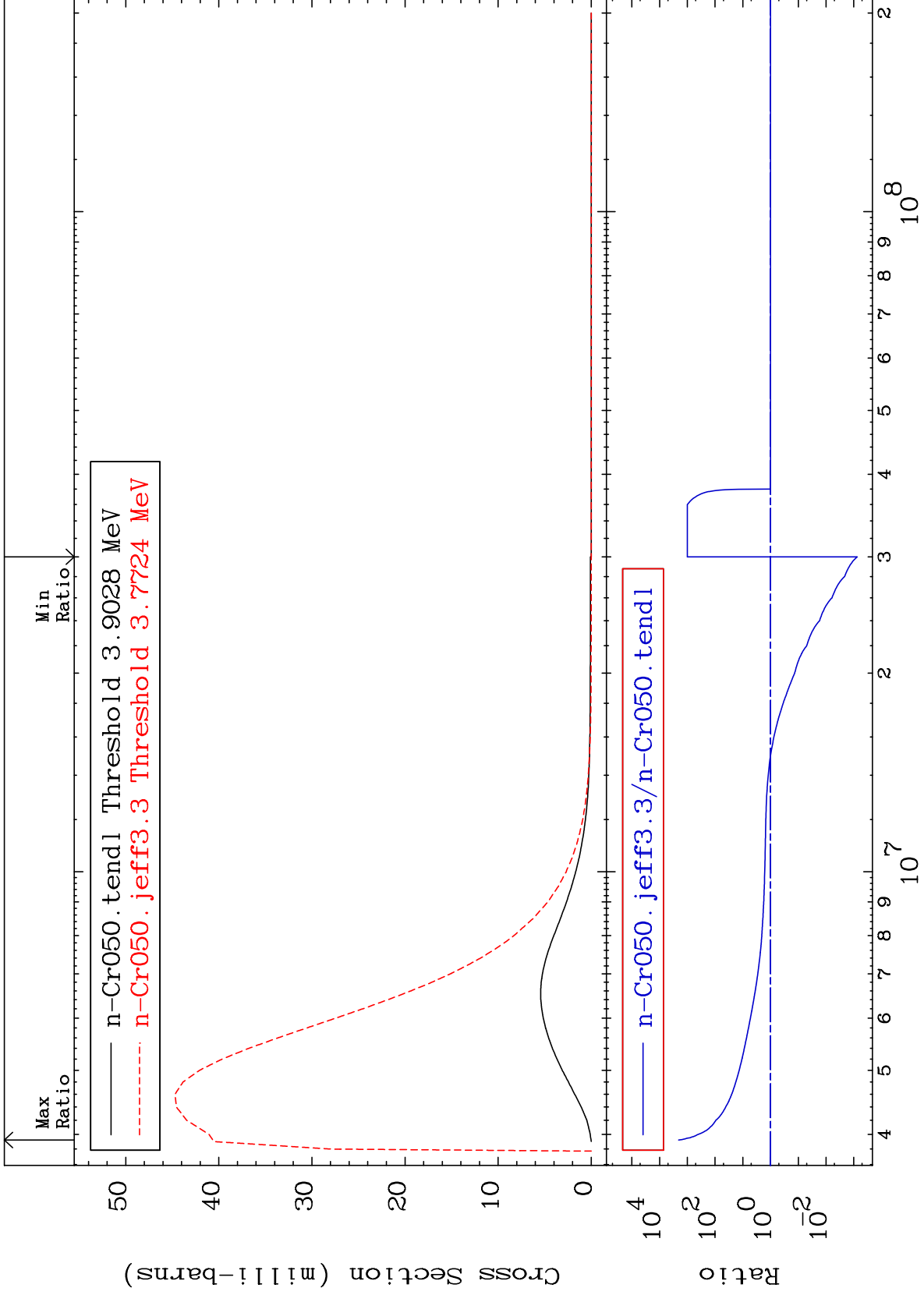
Incident Energy (eV)

24-Cr-50

MAT 2425

MT= 63 (n, n') Level
Cross Section

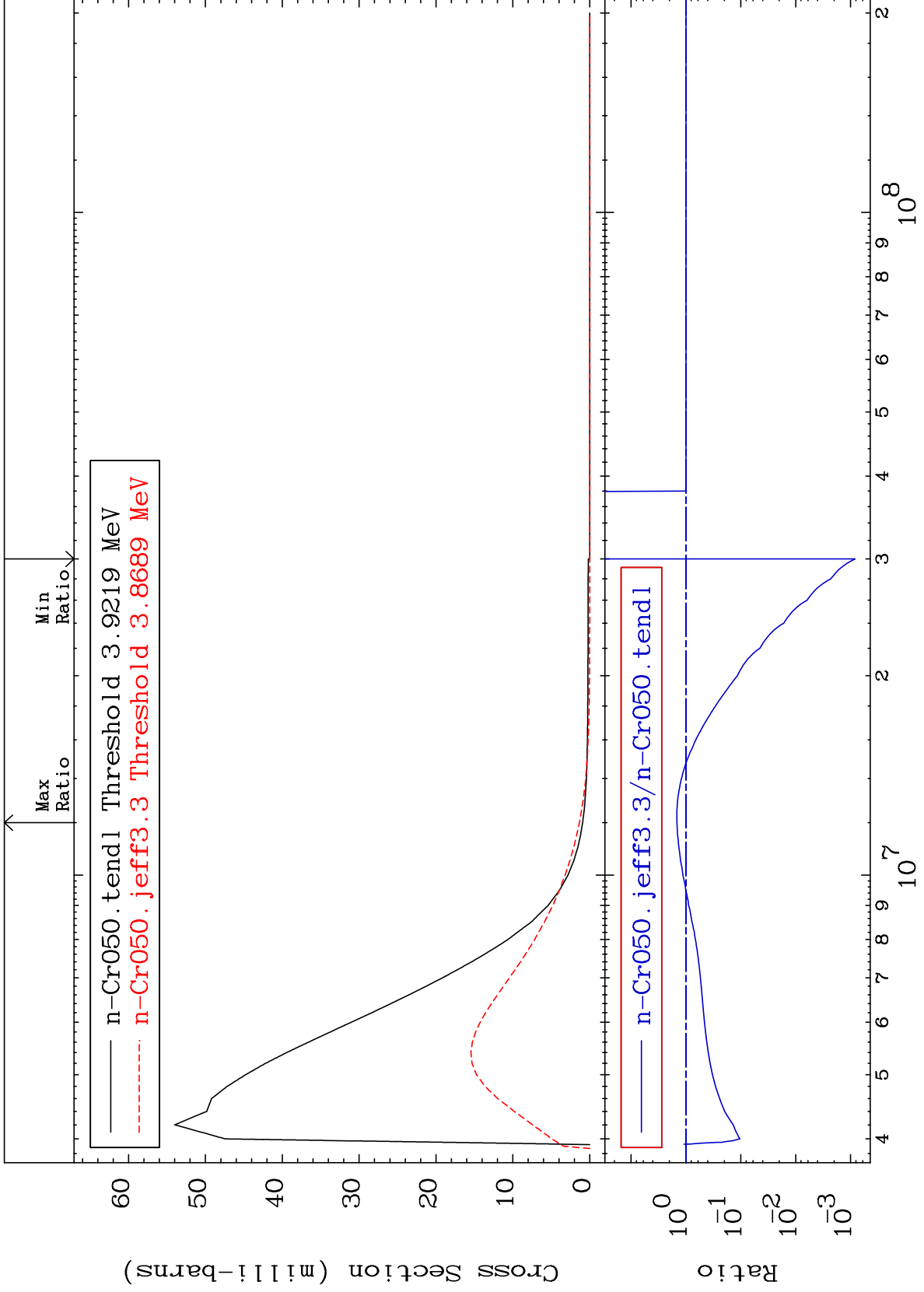
24-Cr-50
-99.93 To 9999. %



MAT 2425

MT= 64 (n,n') Level
Cross Section

24-Cr-50
-99.92 To 45.87 %



18

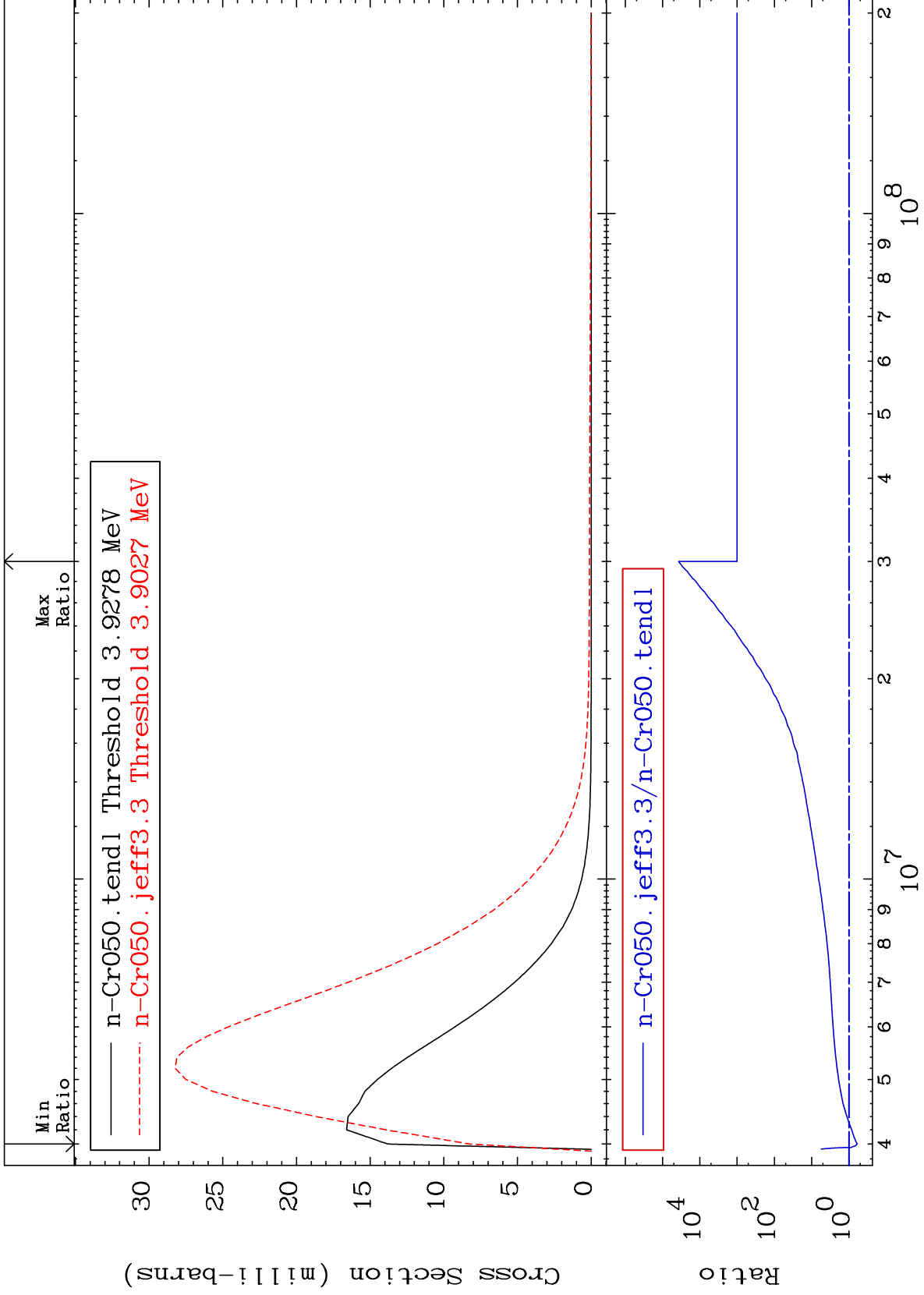
Incident Energy (eV)

24-Cr-50

MAT 2425

MT= 65 (n,n') Level
Cross Section

24-Cr-50
-40.20 To 9999. %



19

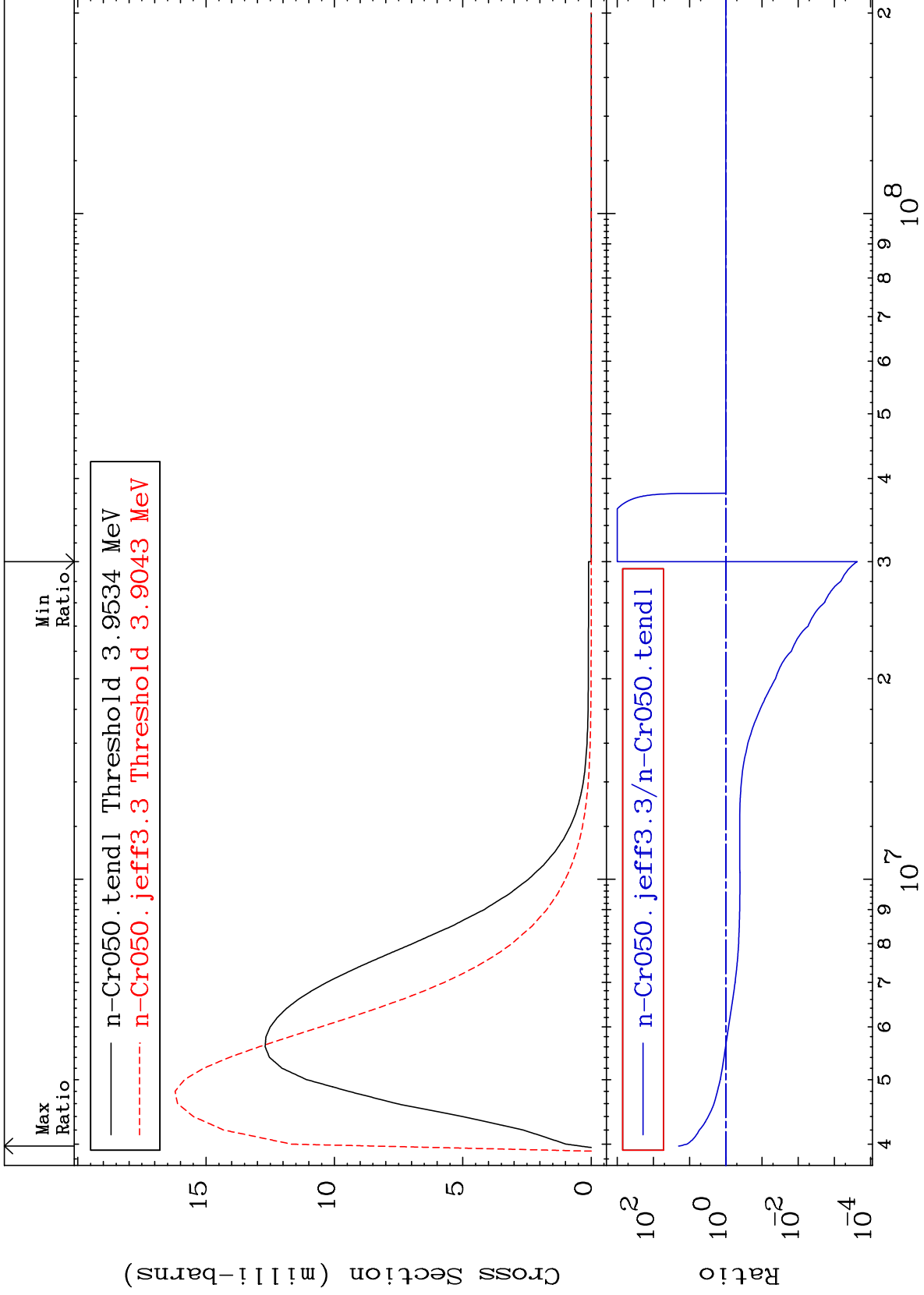
Incident Energy (eV)

24-Cr-50

MAT 2425

MT= 66 (n,n') Level
Cross Section

24-Cr-50
-99.98 To 1915. %



20

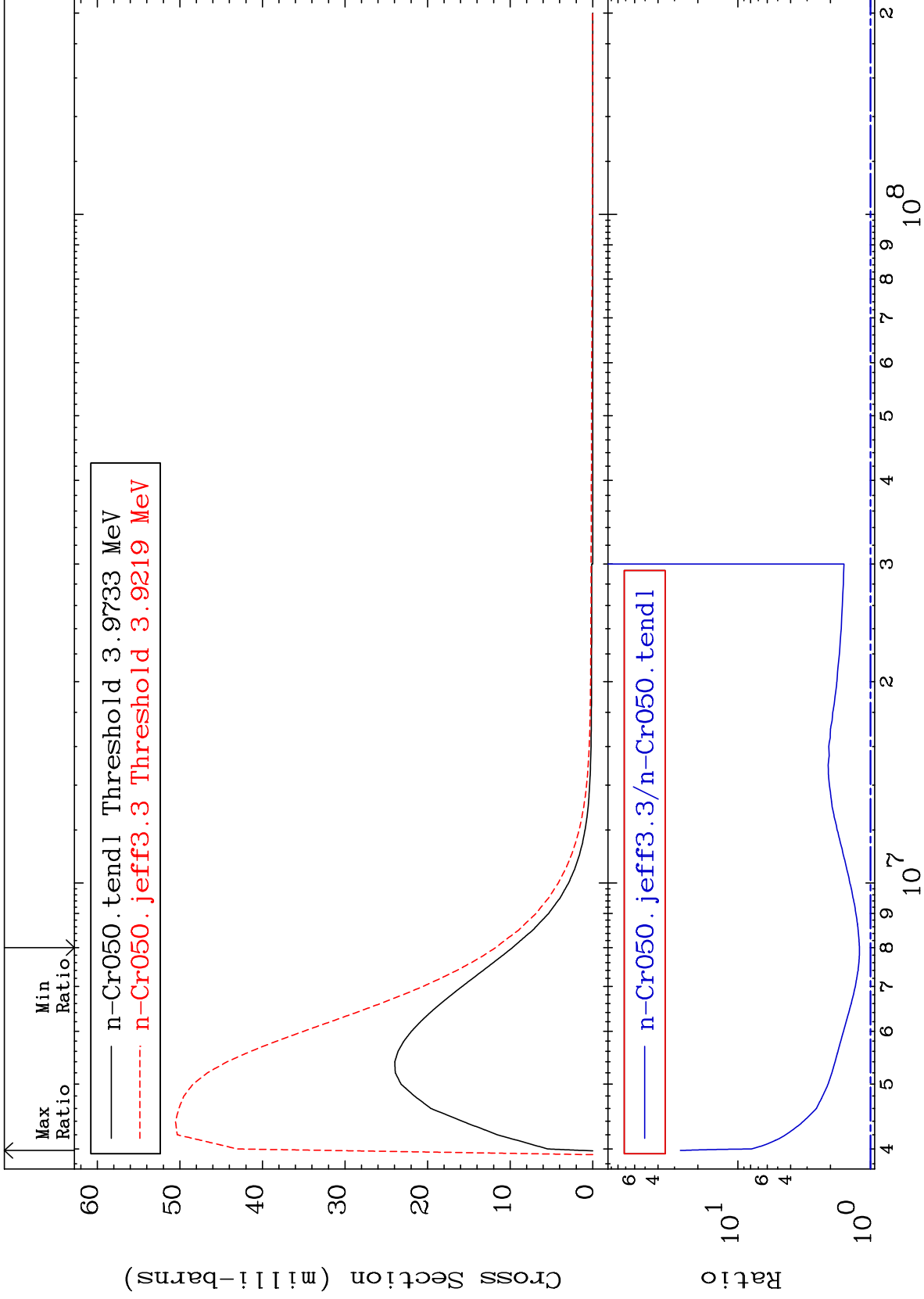
Incident Energy (eV)

24-Cr-50

MAT 2425

MT= 67 (n,n') Level
Cross Section

21.00 To 2612. %
24-Cr-50



21

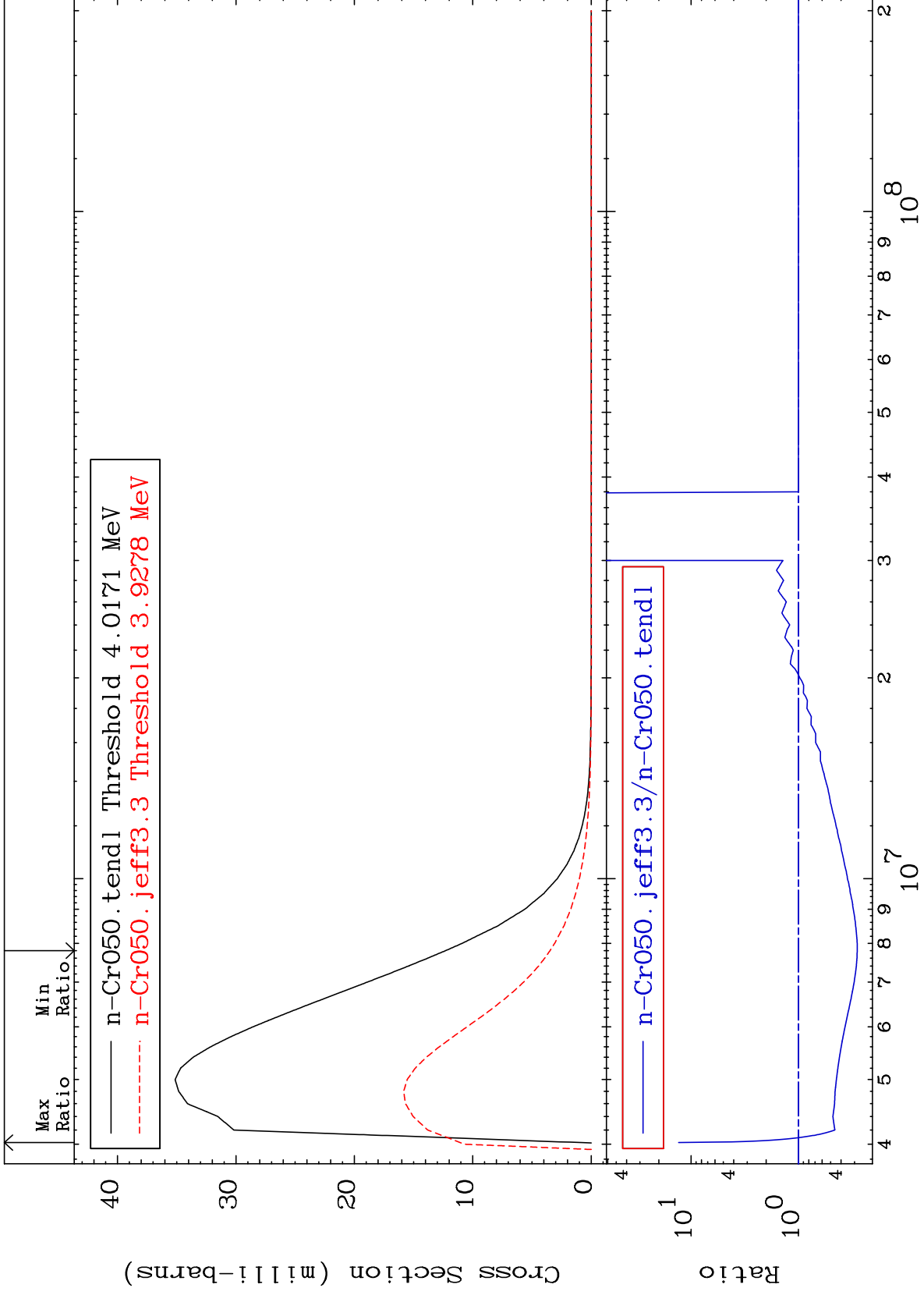
Incident Energy (eV)

24-Cr-50

MAT 2425

MT= 68 (n,n') Level
Cross Section

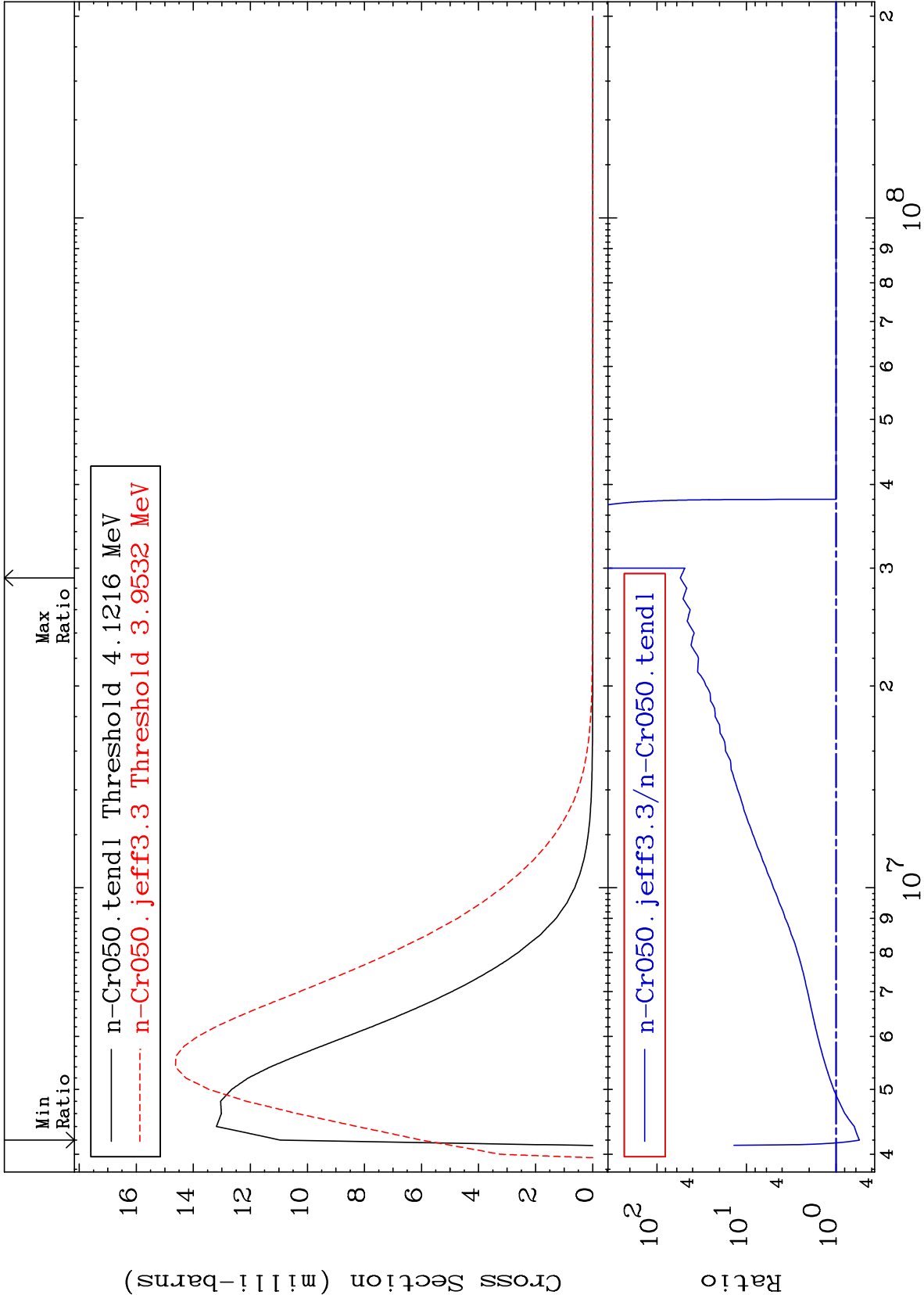
24-Cr-50
-71.75 To 1207. %



MAT 2425

MT= 69 (n,n') Level
Cross Section

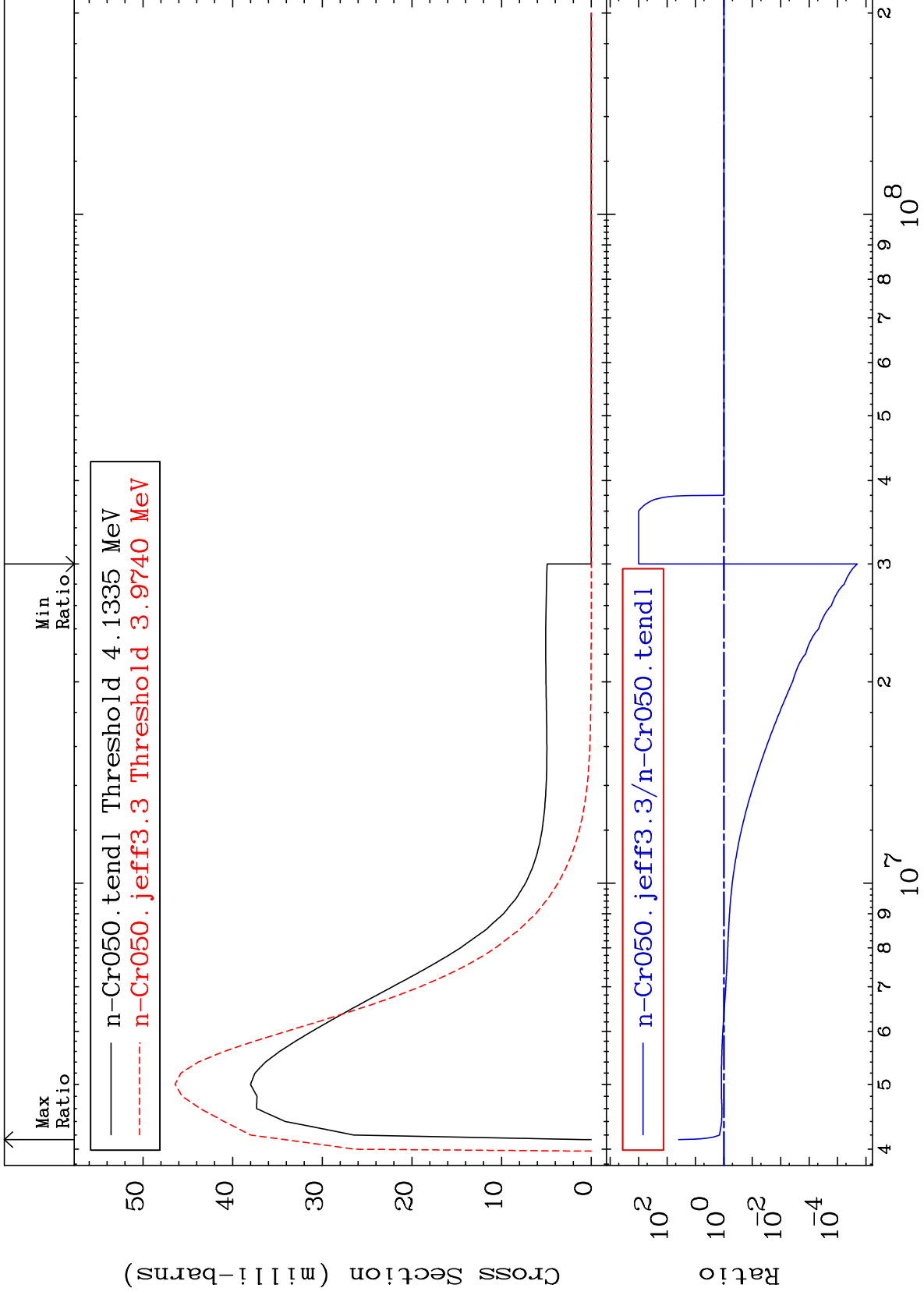
24-Cr-50
-45.18 To 5372. %



MAT 2425

MT= 70 (n,n') Level
Cross Section

24-Cr-50
-100.0 To 3813. %



24

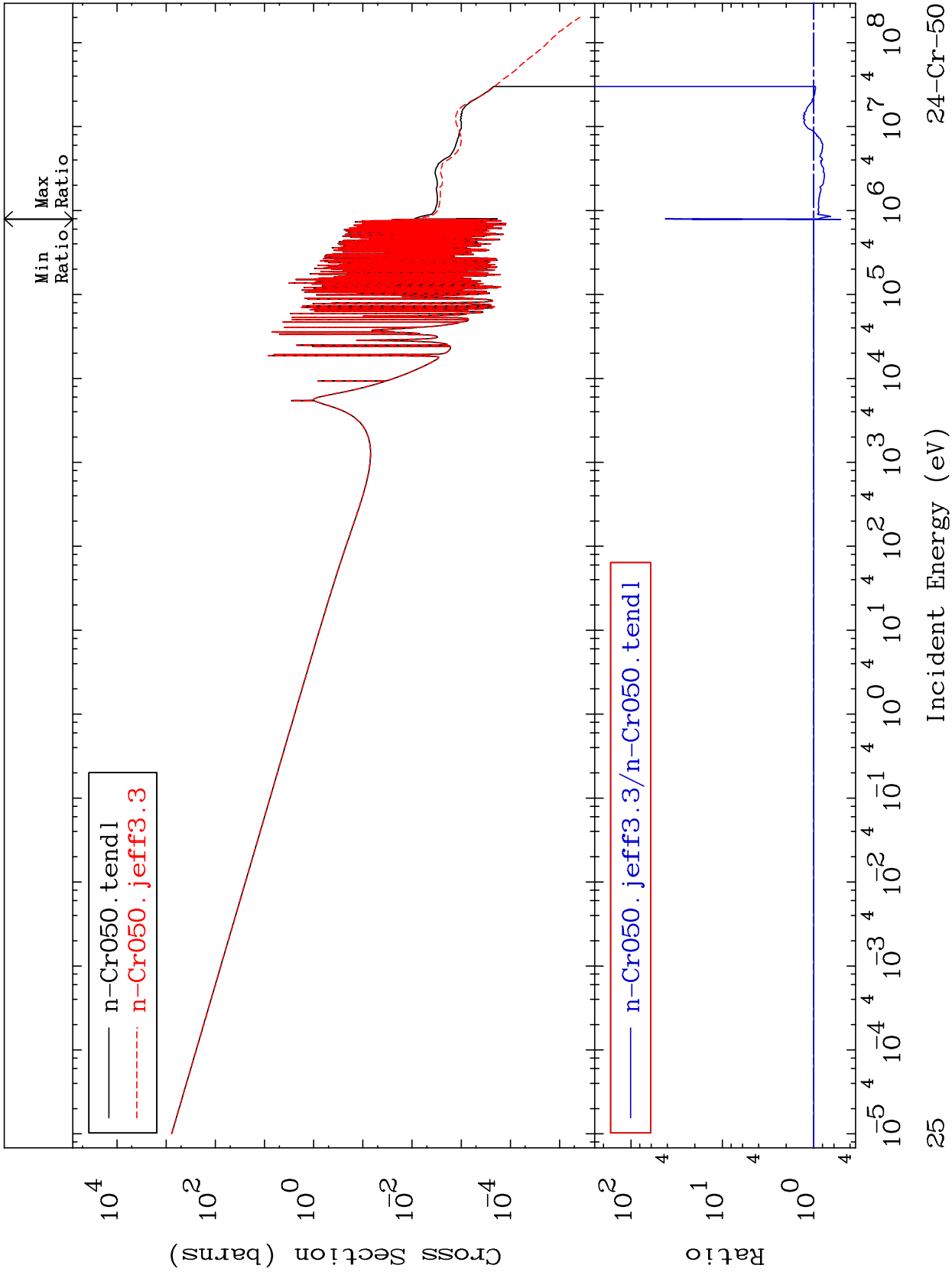
Incident Energy (eV)

24-Cr-50

MAT 2425

(n, γ)
Cross Section

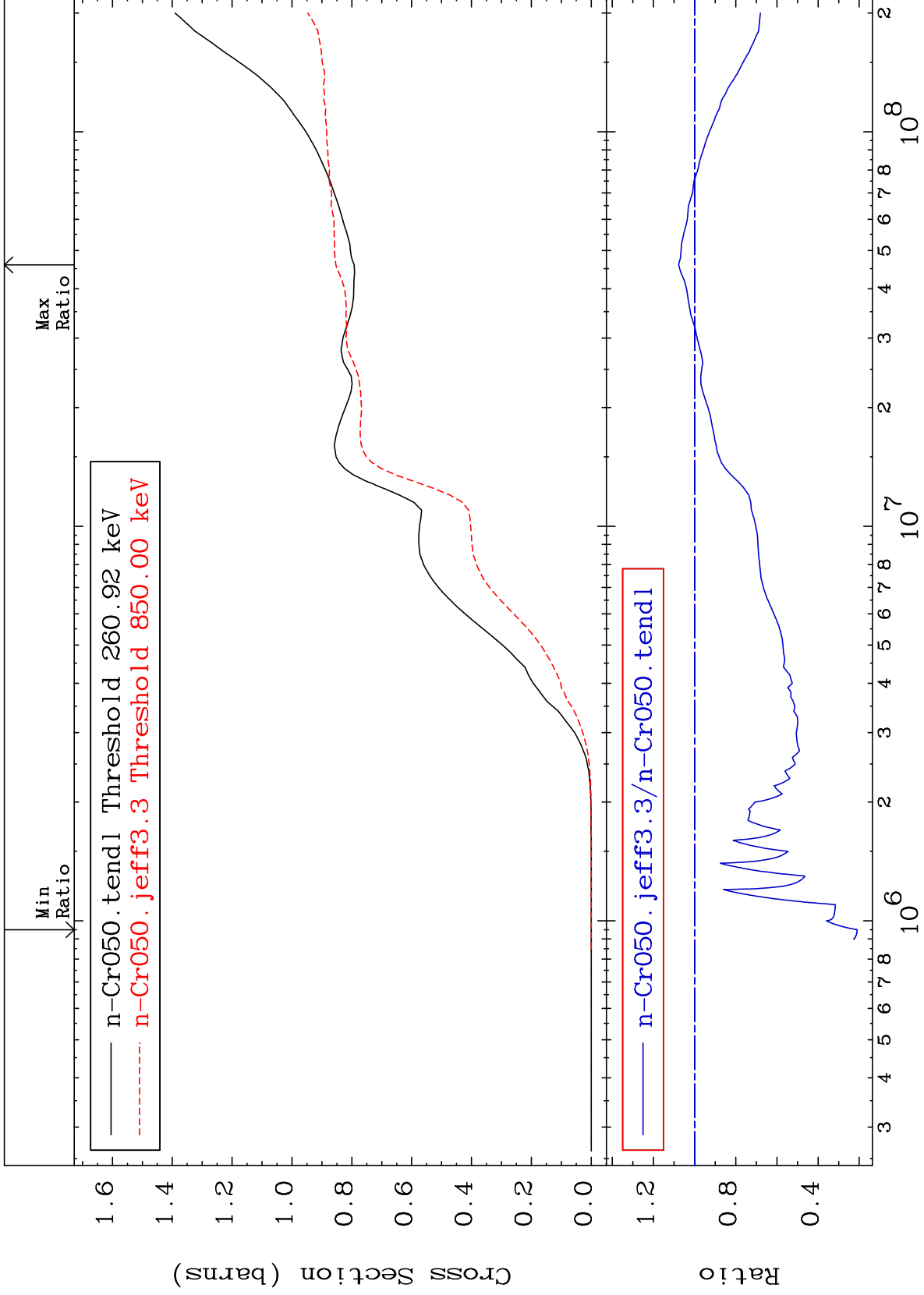
24-Cr-50
-49.28 To 4083. %



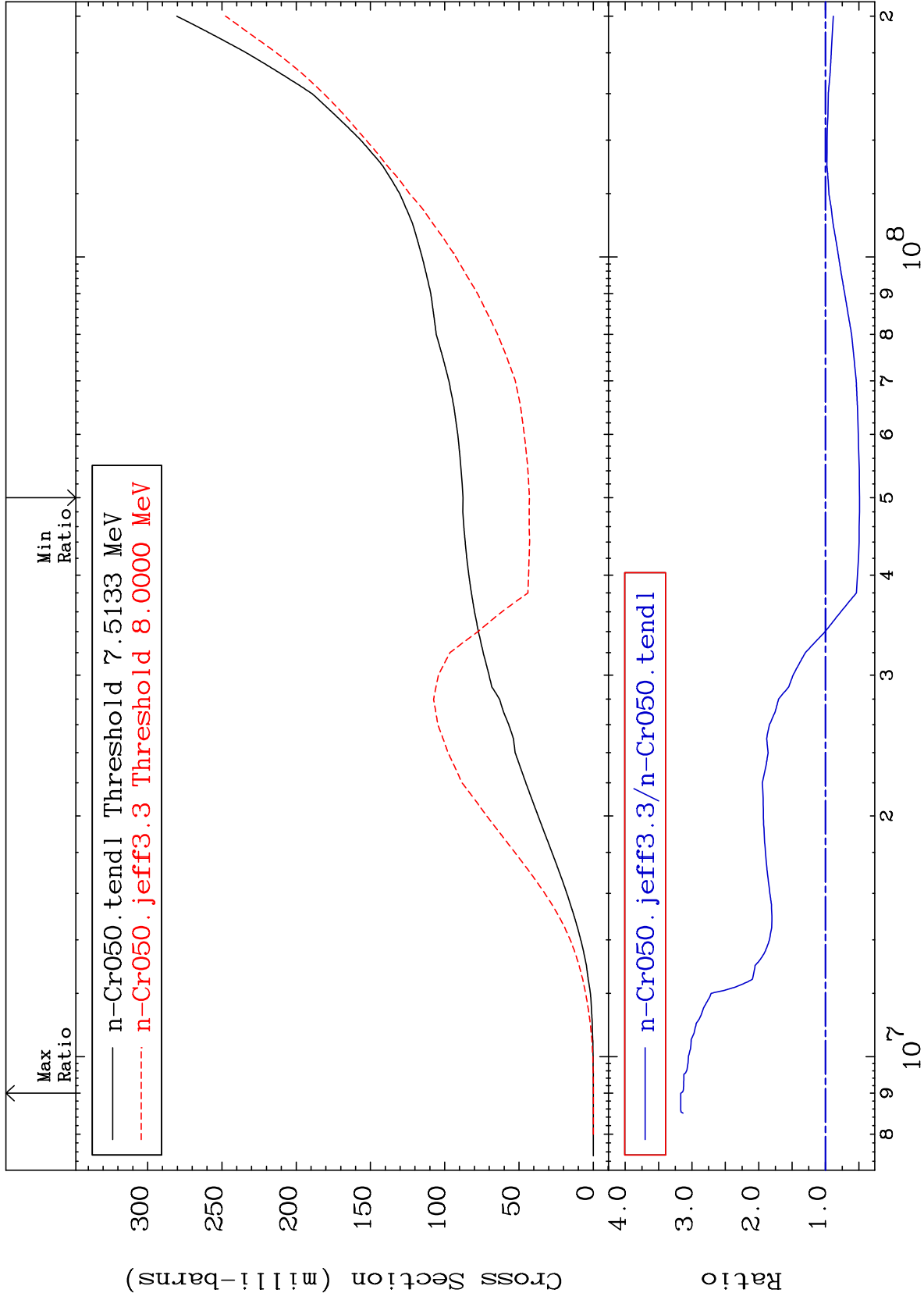
MAT 2425

Hydrogen Production
Cross Section

24-Cr-50
-79.05 To 7.744 %



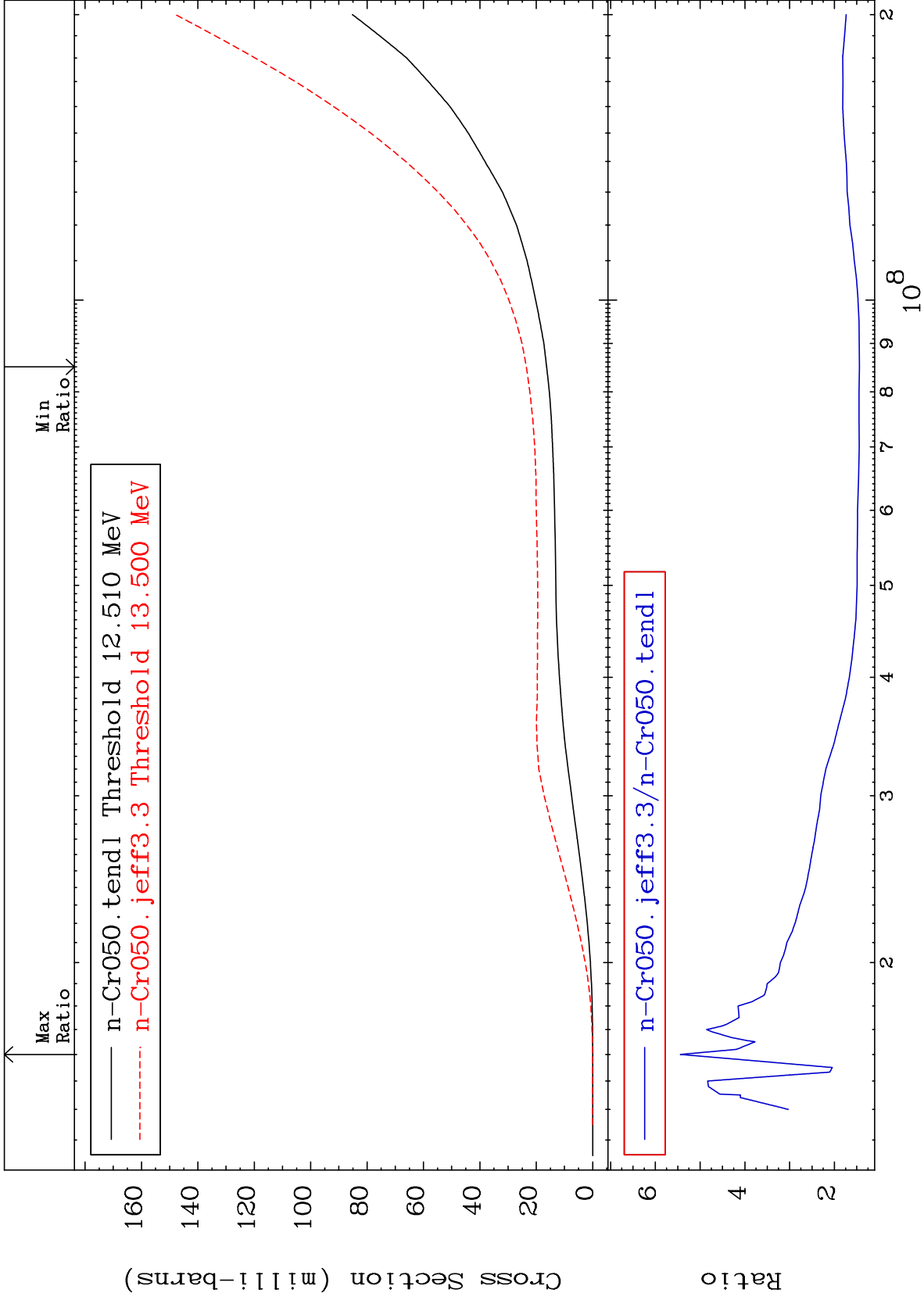
MAT 2425 Deuterium Production Cross Section 24-Cr-50 -51.01 To 216.8 %



MAT 2425

Tritium Production
Cross Section

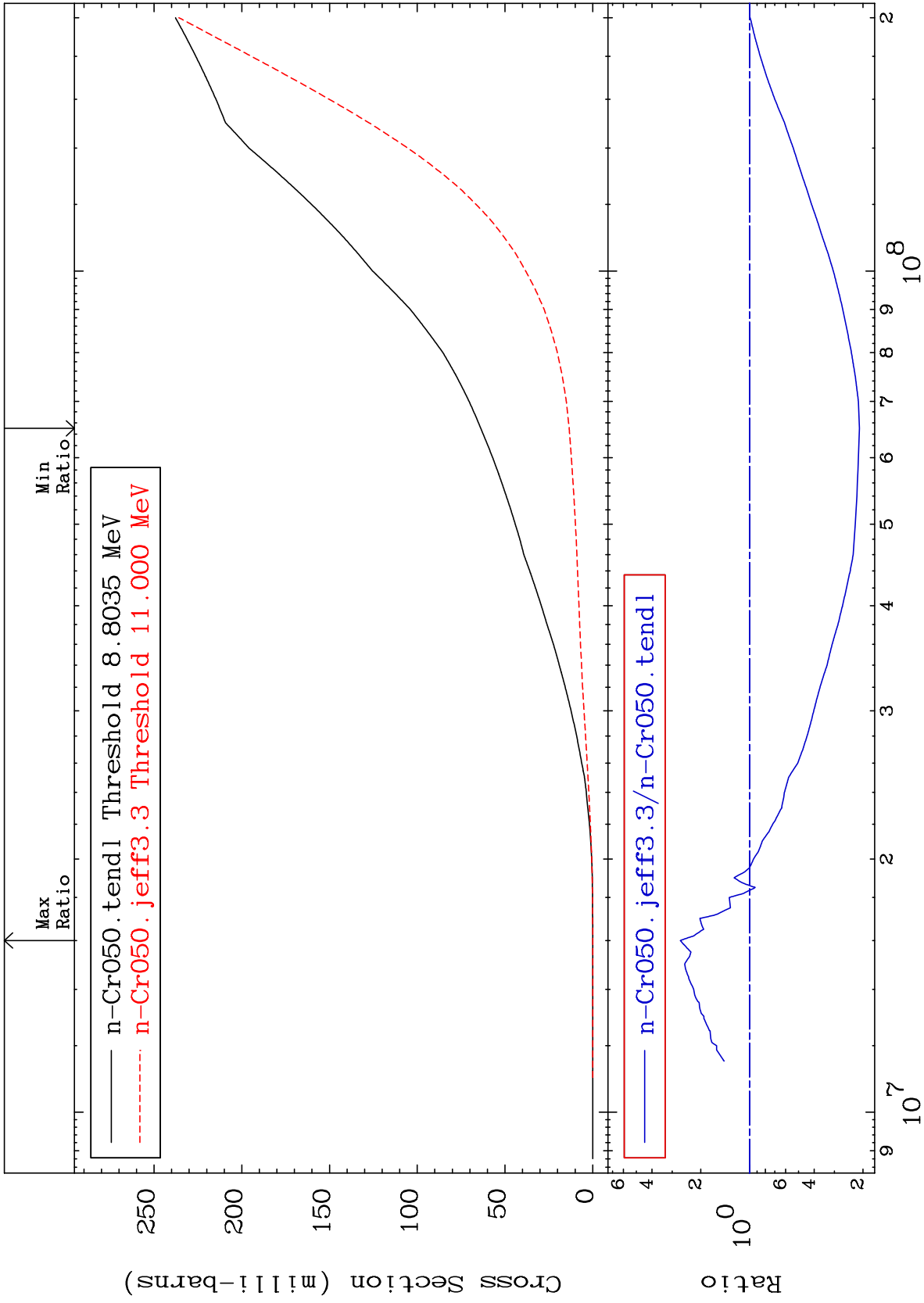
$^{24}\text{Cr-50}$
44.02 To 444.2 %



MAT 2425

He-3 Production
Cross Section

²⁴Cr-50
-78.97 To 167.4 %



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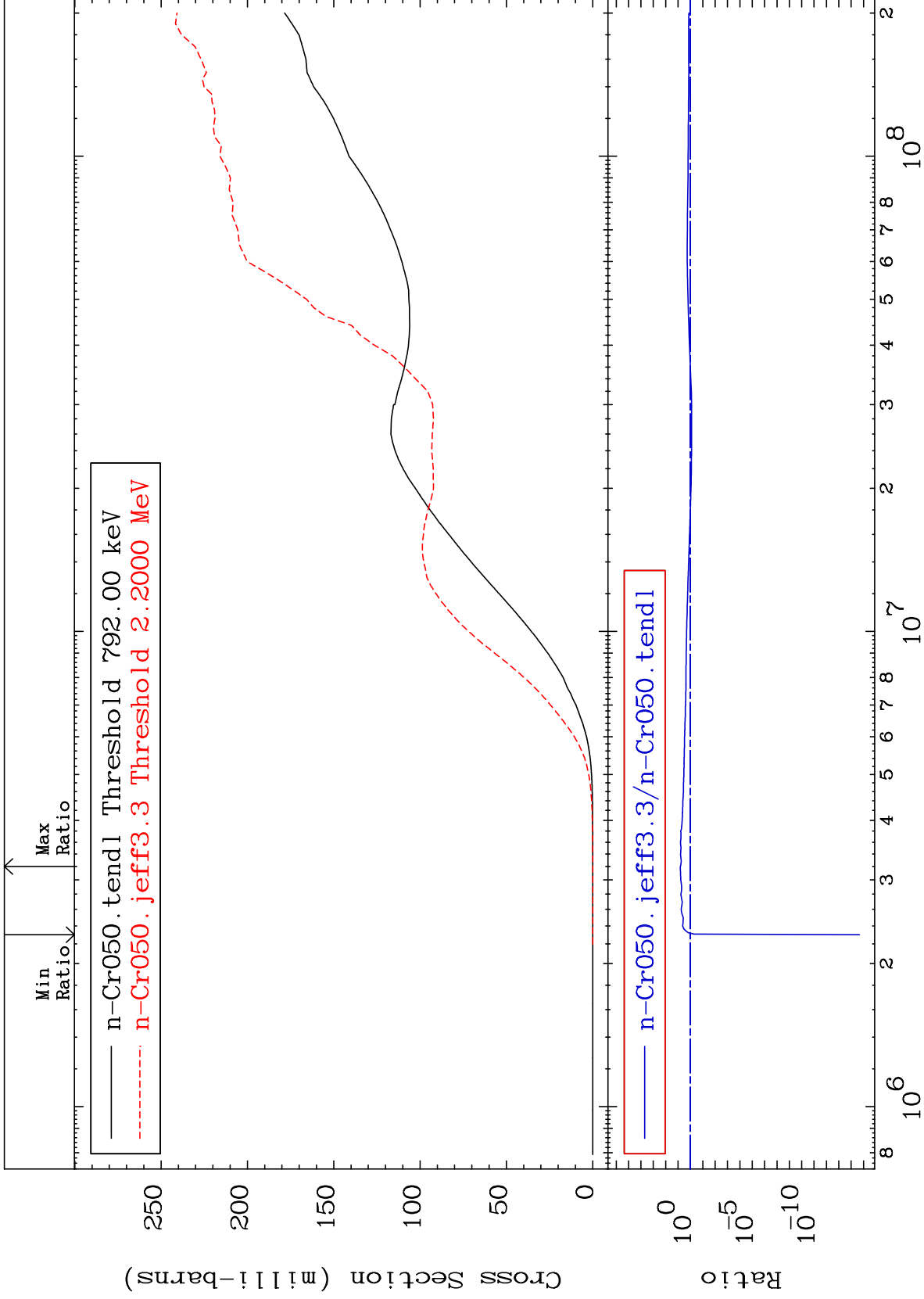
Incident Energy (eV)

²⁴Cr-50

MAT 2425

He-4 Production
Cross Section

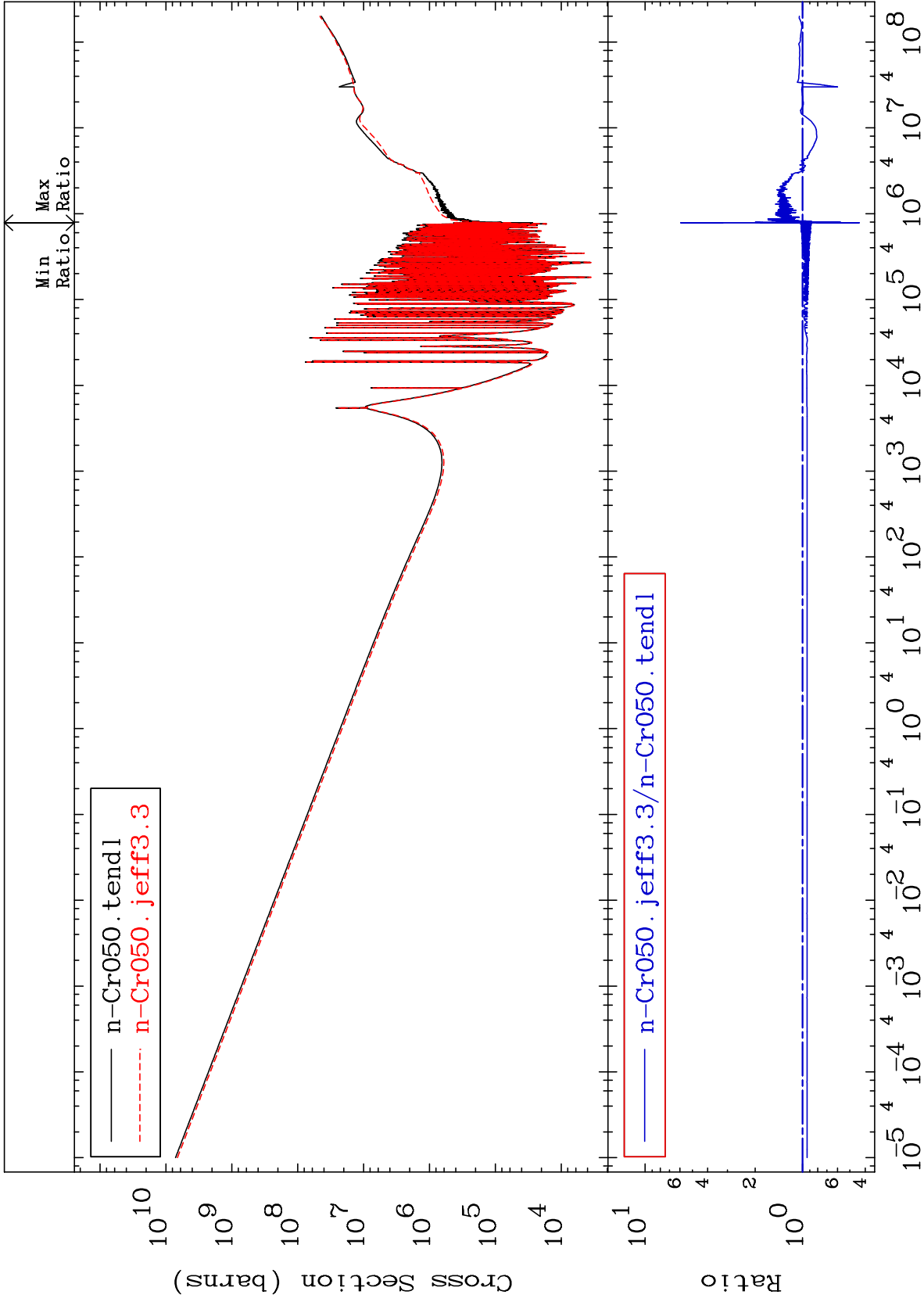
²⁴Cr-50
-100.0 To 548.7 %



30

Incident Energy (eV)

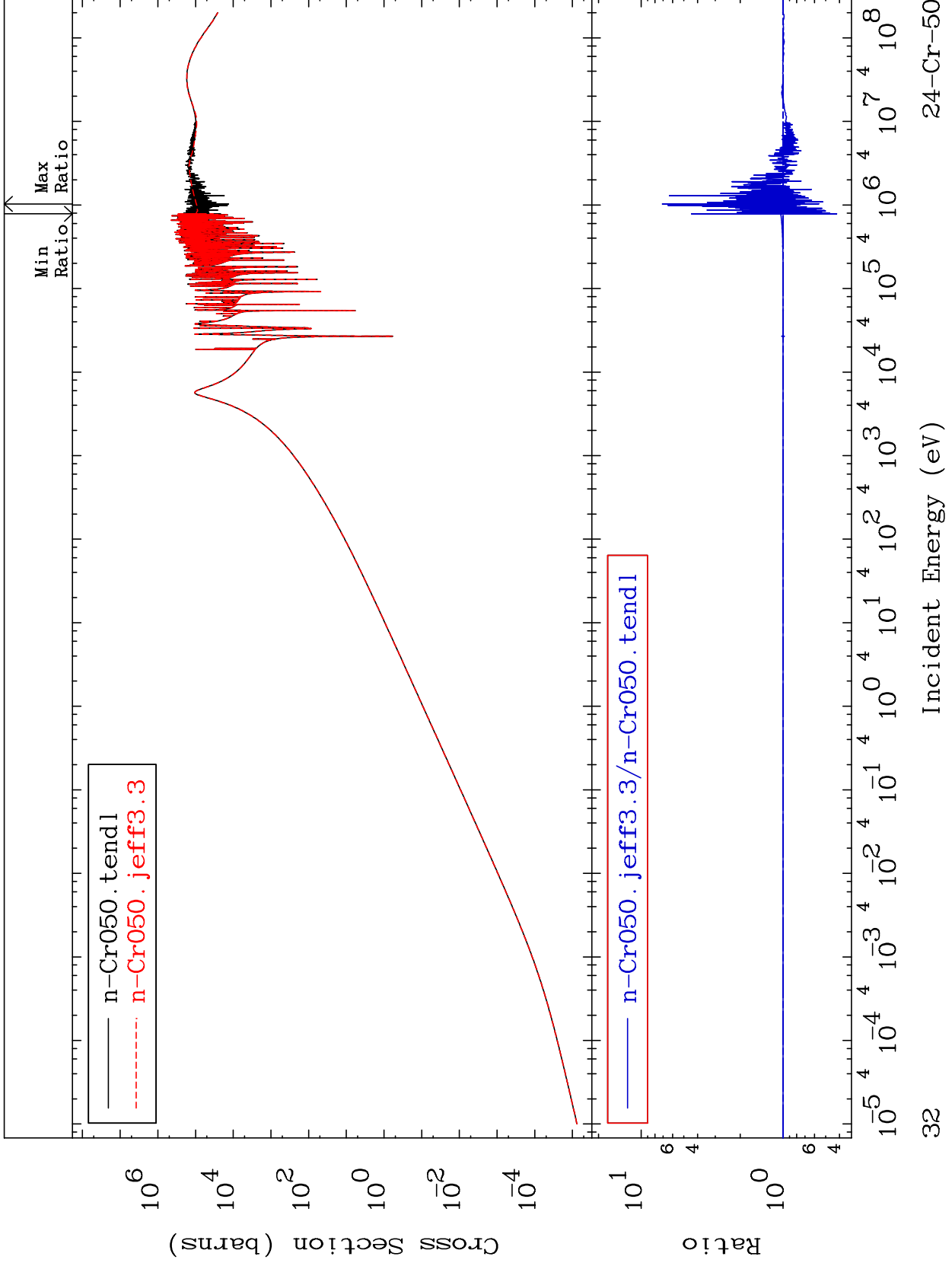
²⁴Cr-50

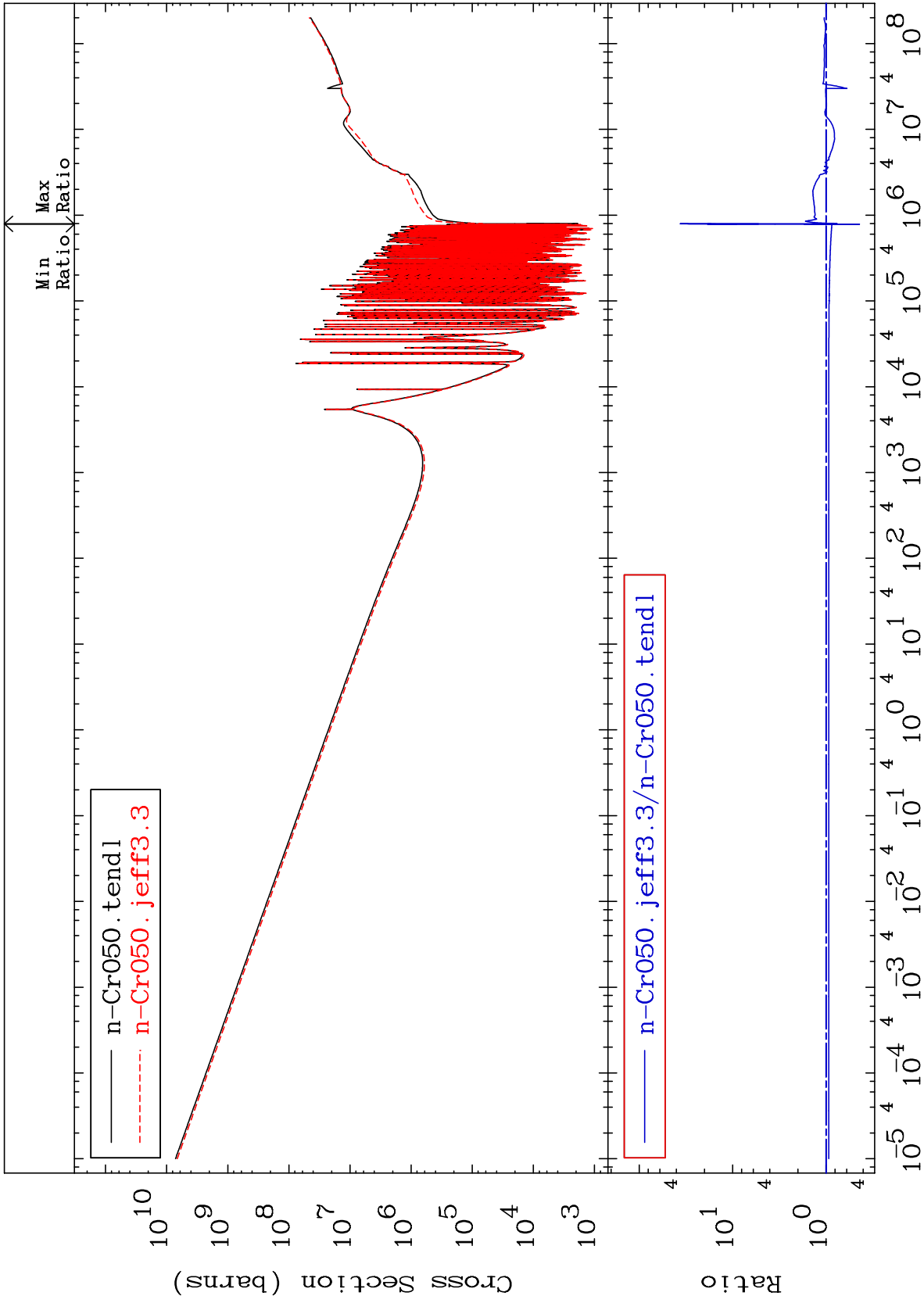


MAT 2425

Kerma elastic
Cross Section

24-Cr-50
-58.15 To 609.7 %

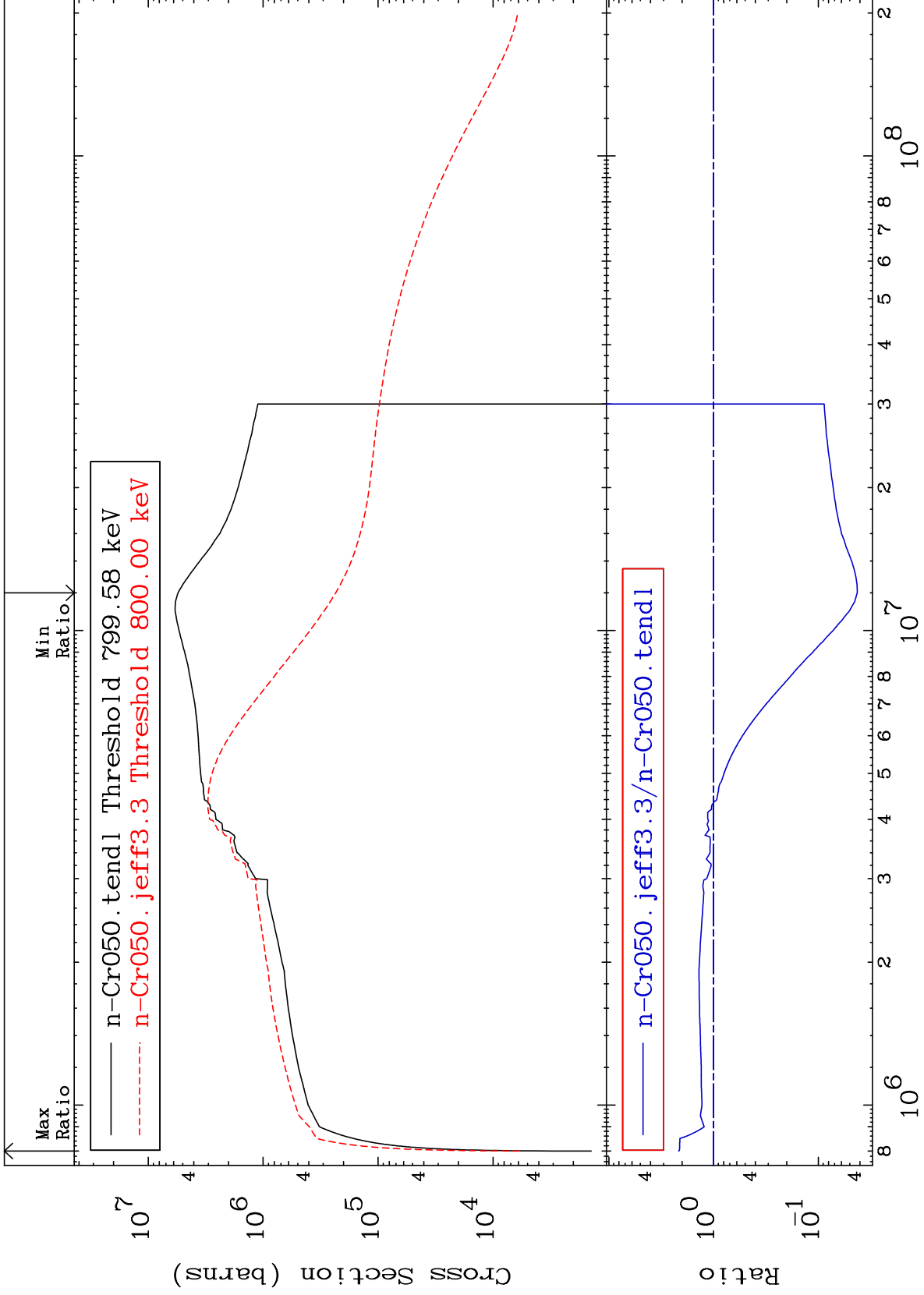




MAT 2425

Kerma inelastic (mt51-91)
Cross Section

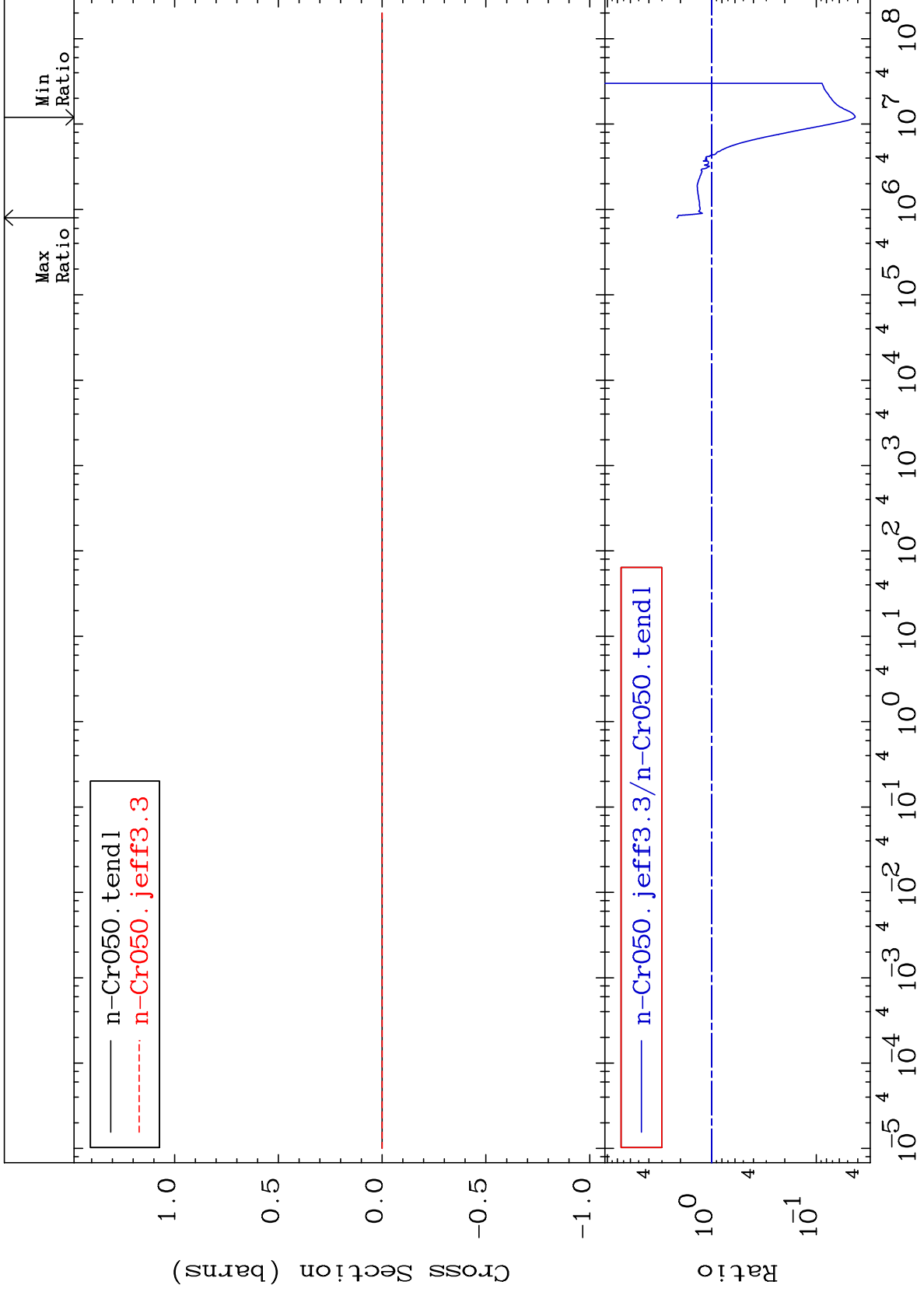
24-Cr-50
-95.75 To 115.5 %



MAT 2425

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

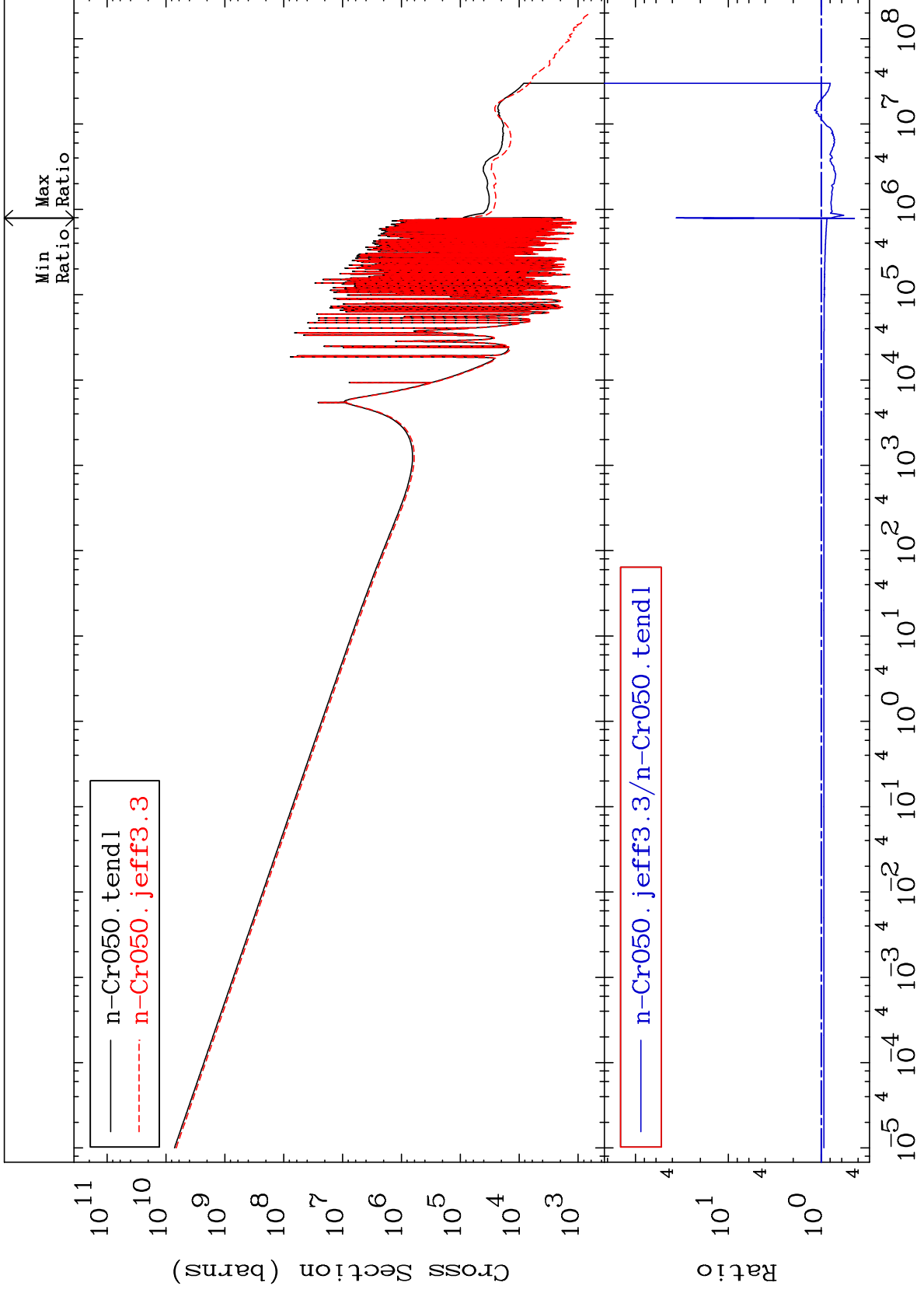
24-Cr-50
-95.75 To 115.5 %



MAT 2425

Kerma capture (mt102)
Cross Section

24-Cr-50
-56.06 To 3524. %



36

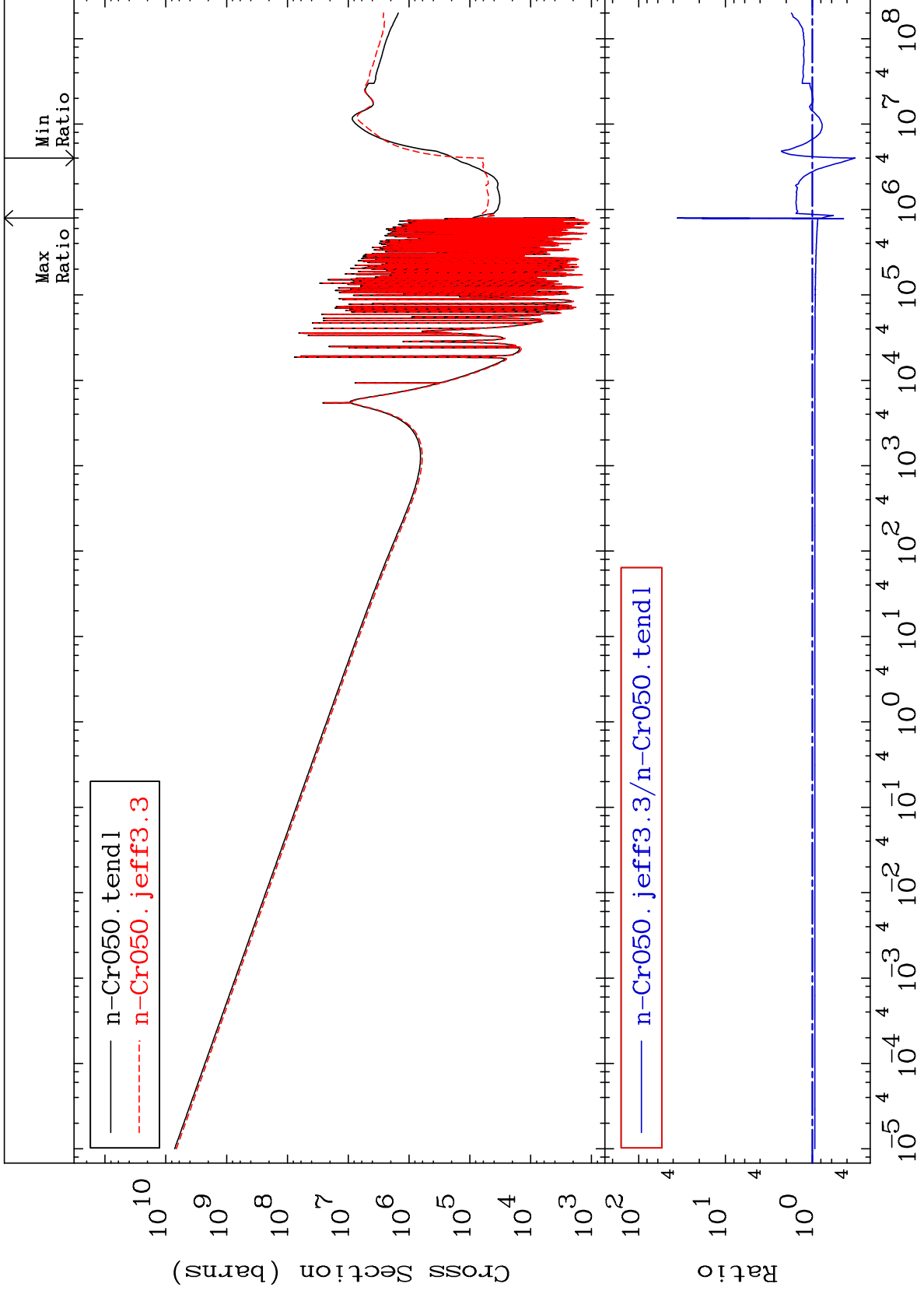
Incident Energy (eV)

24-Cr-50

MAT 2425

Total photon (eV-barns)
Cross Section

24-Cr-50
-67.74 To 3524. %



37

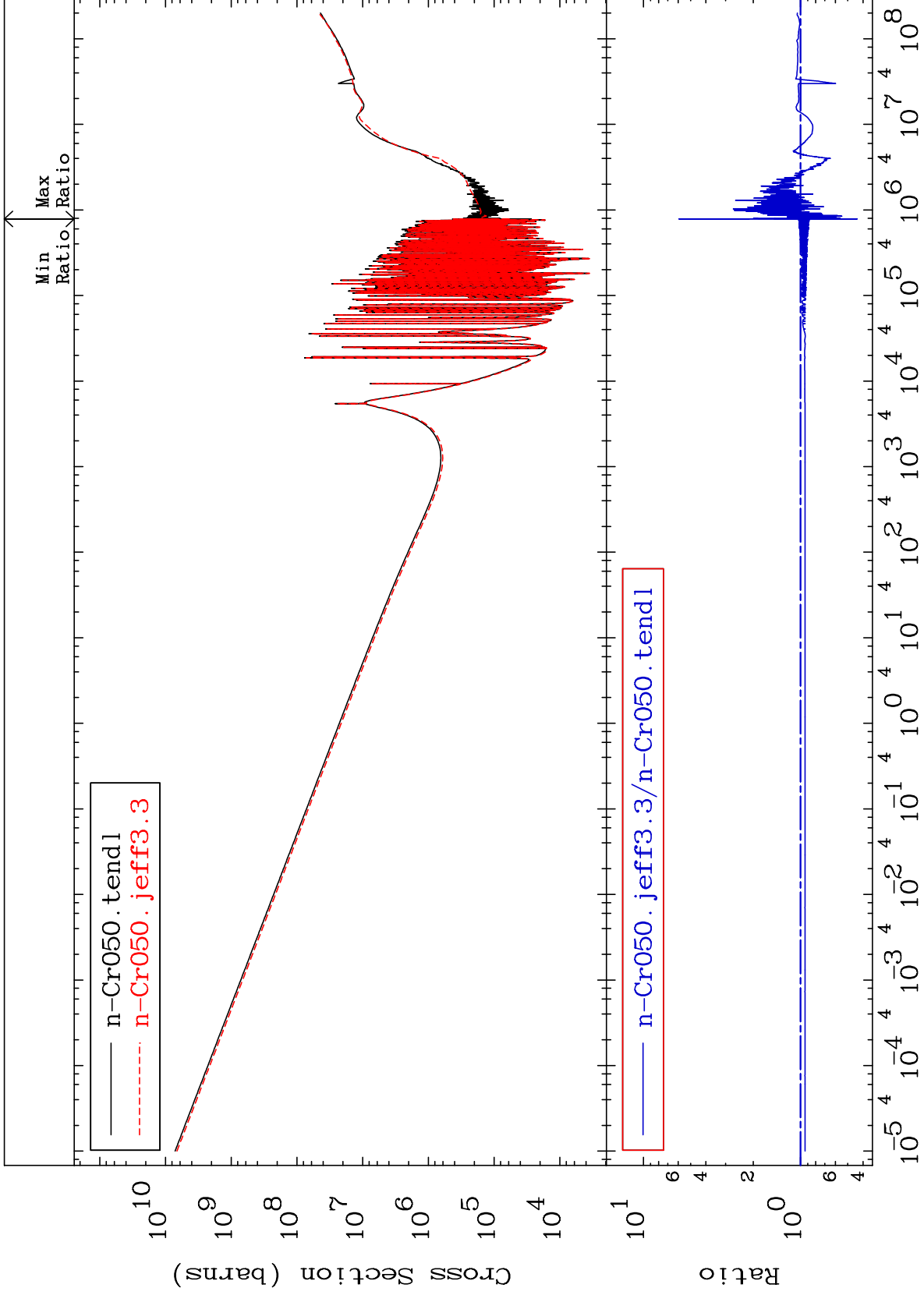
Incident Energy (eV)

24-Cr-50

MAT 2425

Total kinematic kerma (high limit)
Cross Section

24-Cr-50
-56.48 To 496.7 %



Incident Energy (eV)

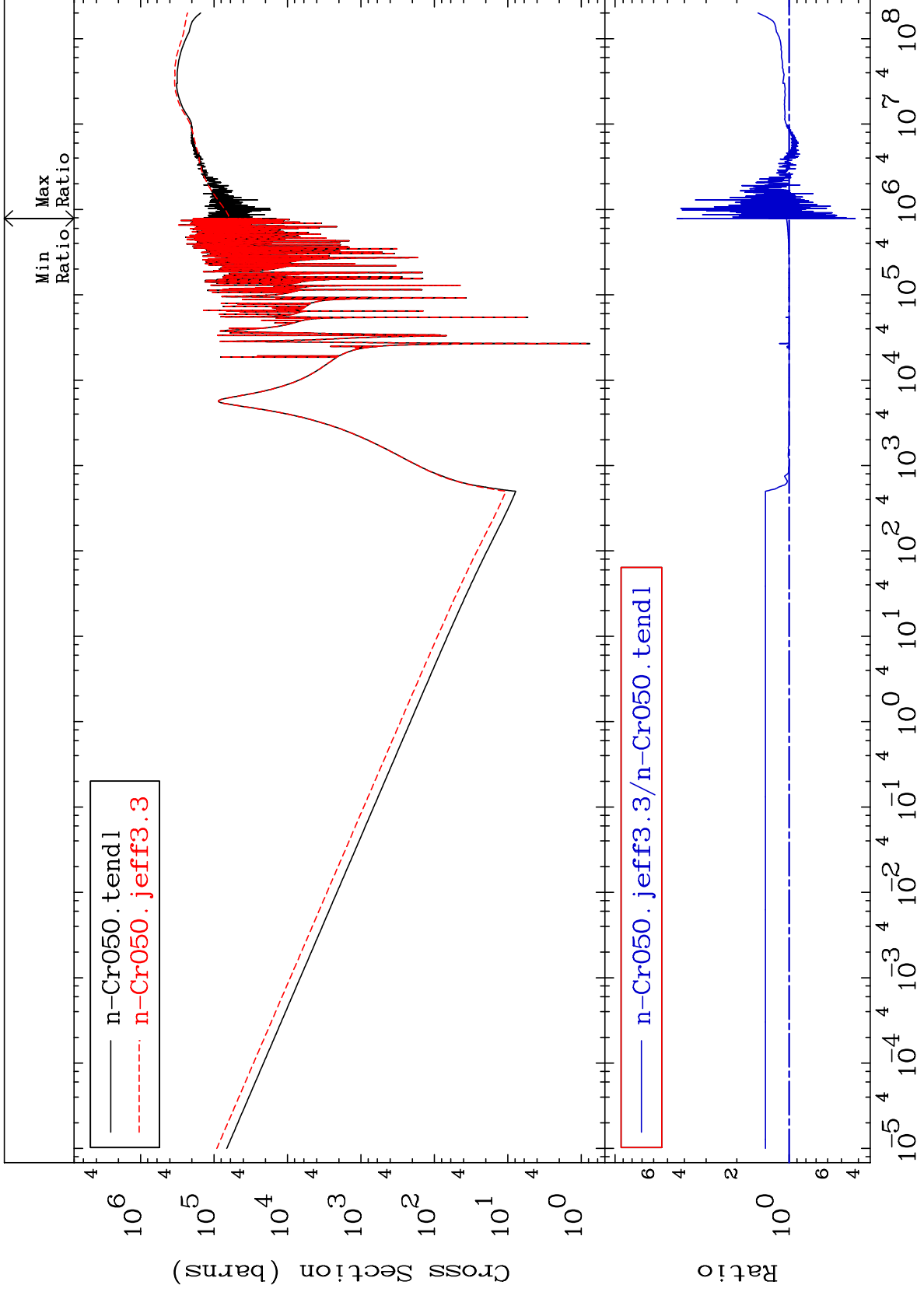
24-Cr-50

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MAT 2425

Dpa total (eV-barns)
Cross Section

24-Cr-50
-58.24 To 341.4 %



39

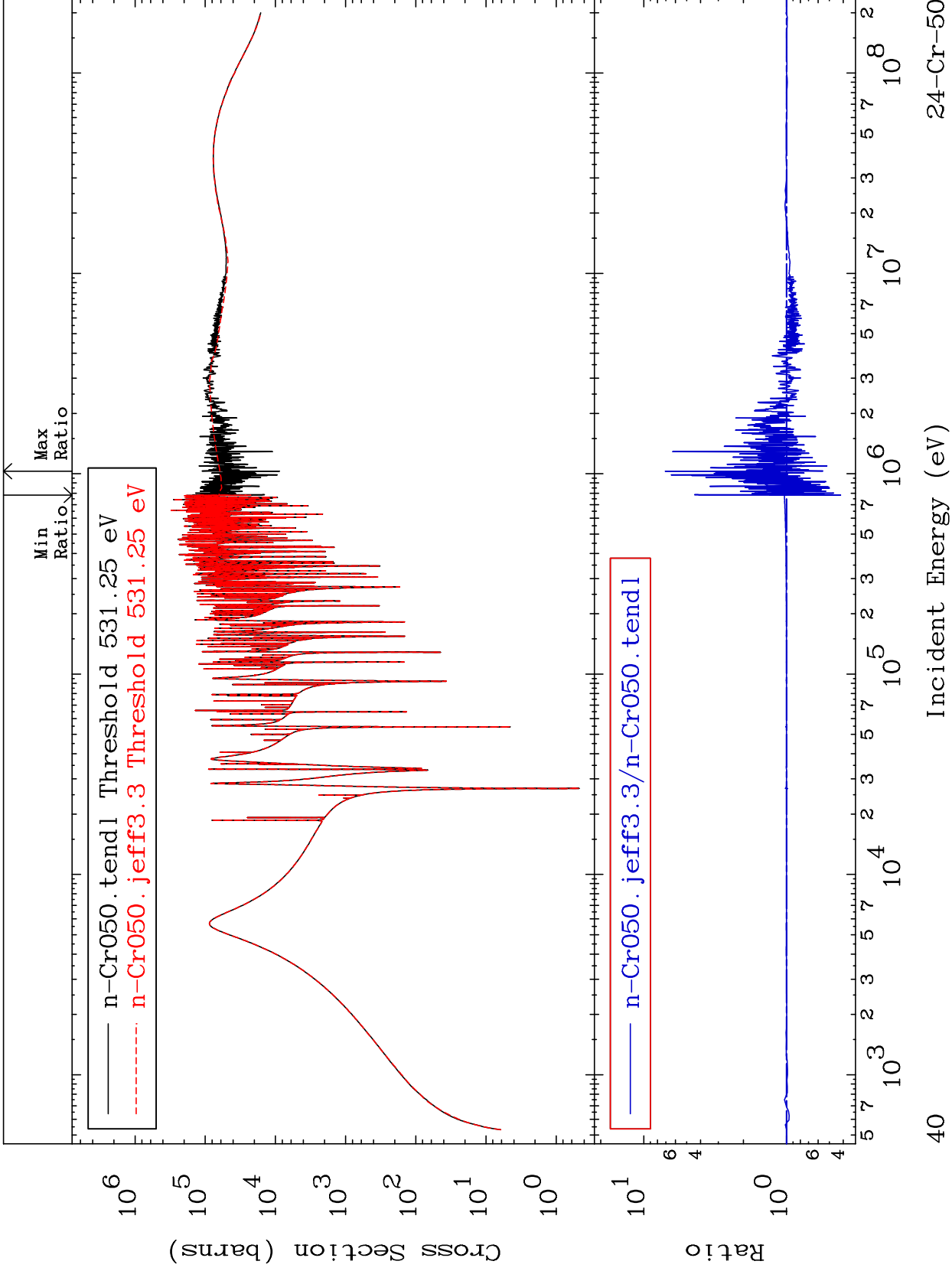
Incident Energy (eV)

24-Cr-50

MAT 2425

Dpa elastic (mt2)
Cross Section

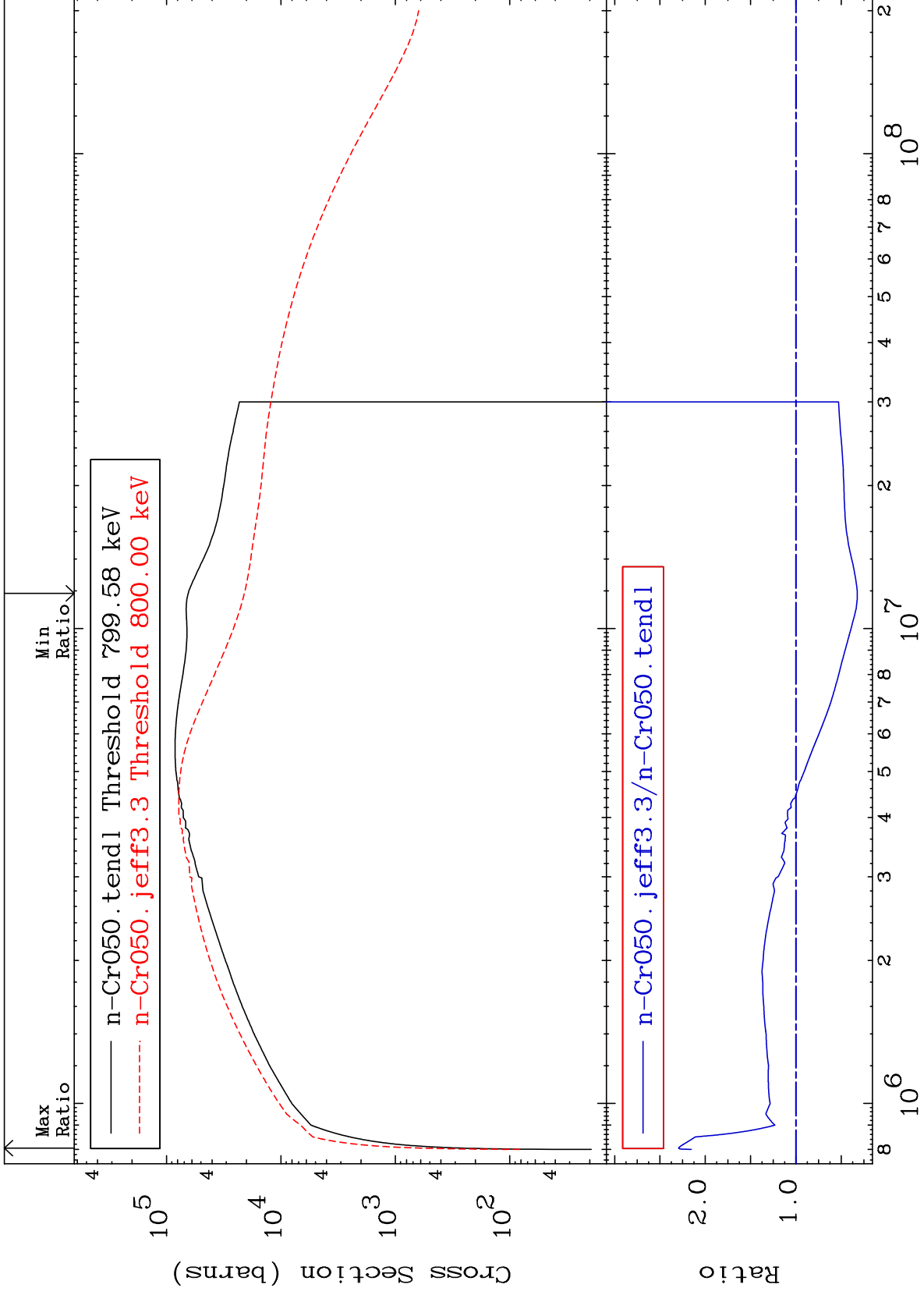
24-Cr-50
-58.24 To 606.2 %



MAT 2425

Dpa inelastic (mt51-91)
Cross Section

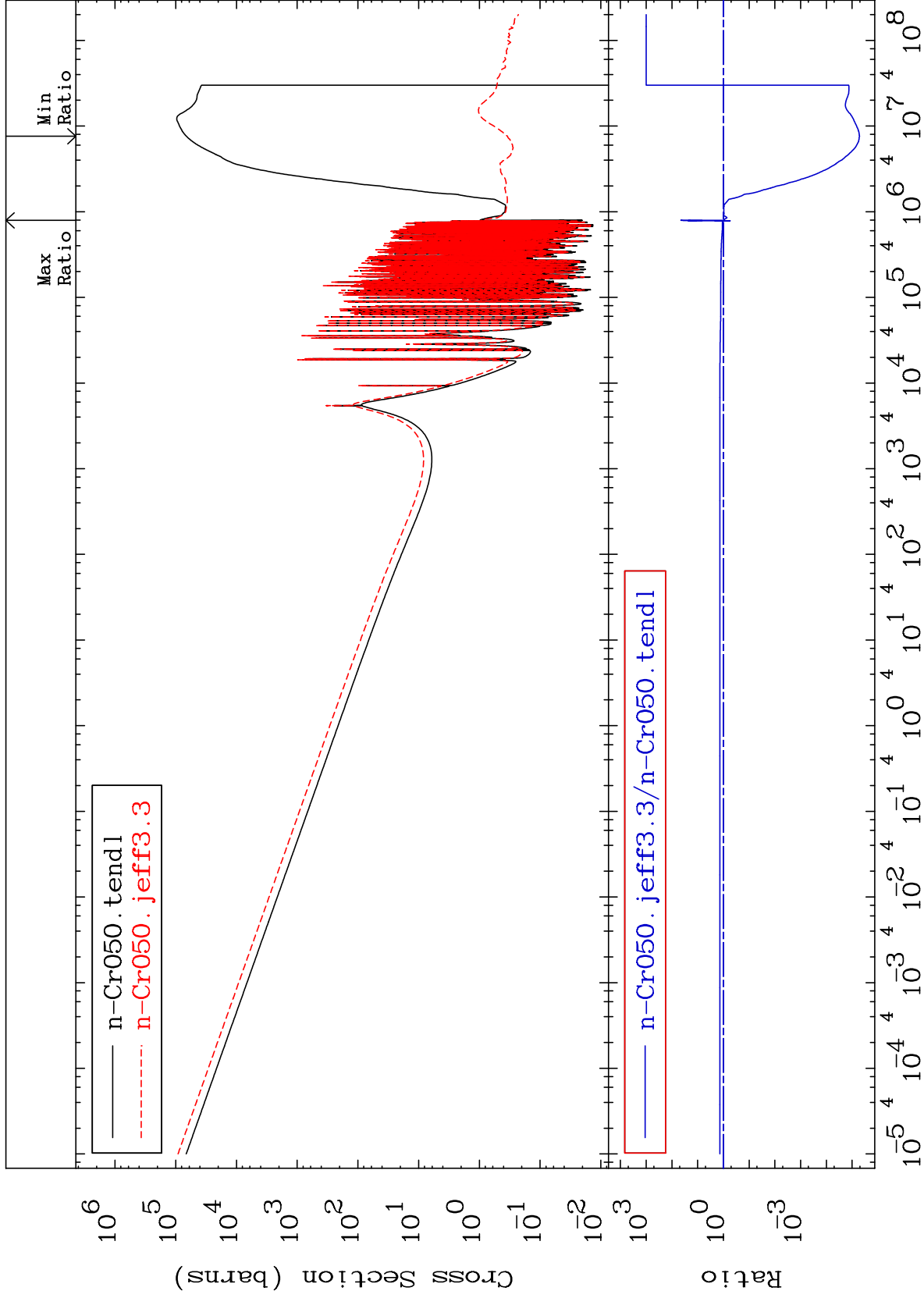
24-Cr-50
-67.62 To 129.4 %



MAT 2425

Dpa disappearance (mt102 -120)
Cross Section

24-Cr-50
-100.0 To 4438. %



42

Incident Energy (eV)

24-Cr-50