

Program Complot
(Version 2018-1)

by

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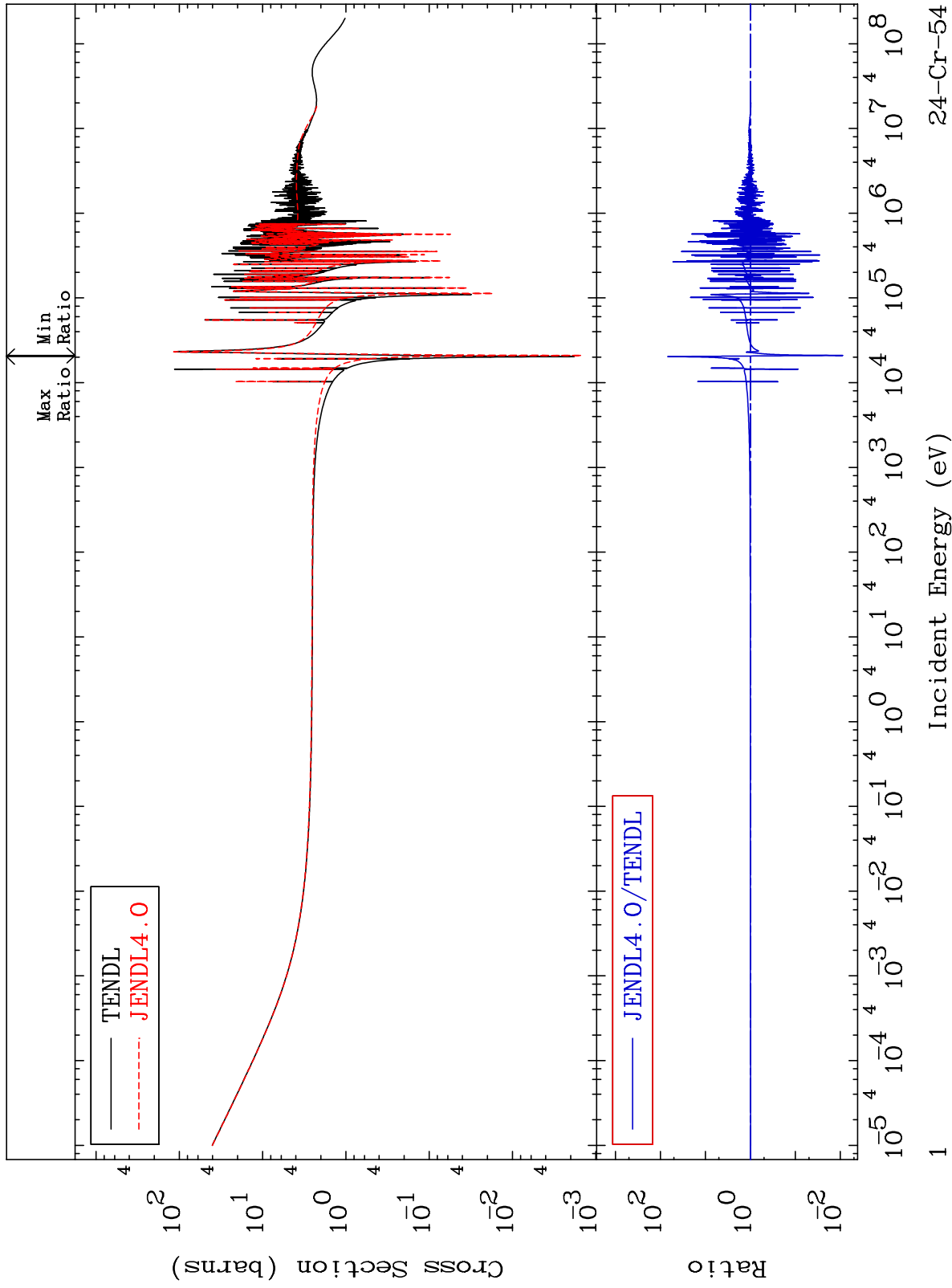
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2437

Total
Cross Section

24-Cr-54
-99.11 To 6854. %



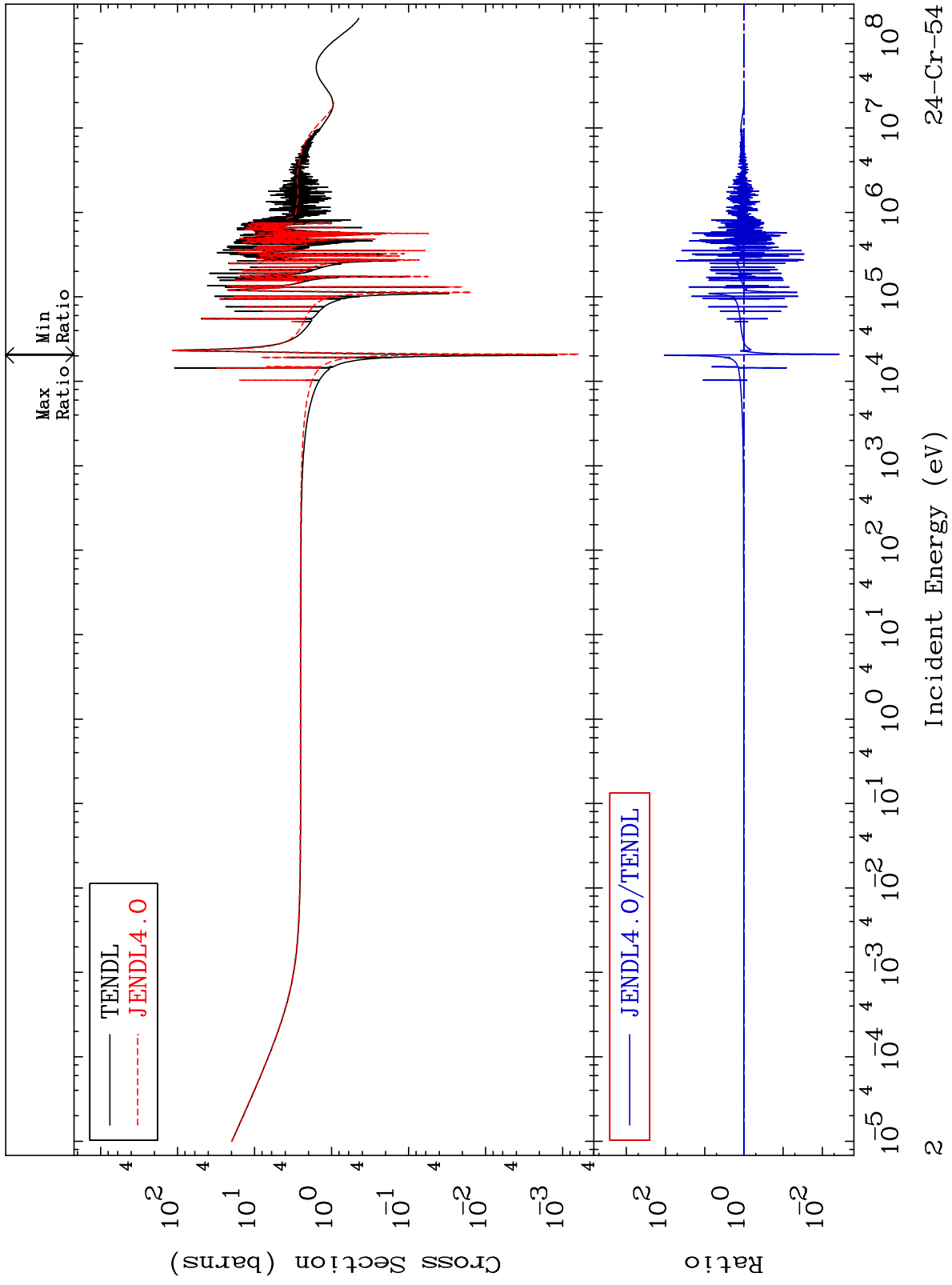
Incident Energy (eV)

24-Cr-54

MAT 2437

Elastic
Cross Section

24-Cr-54
-99.63 To 9999. %

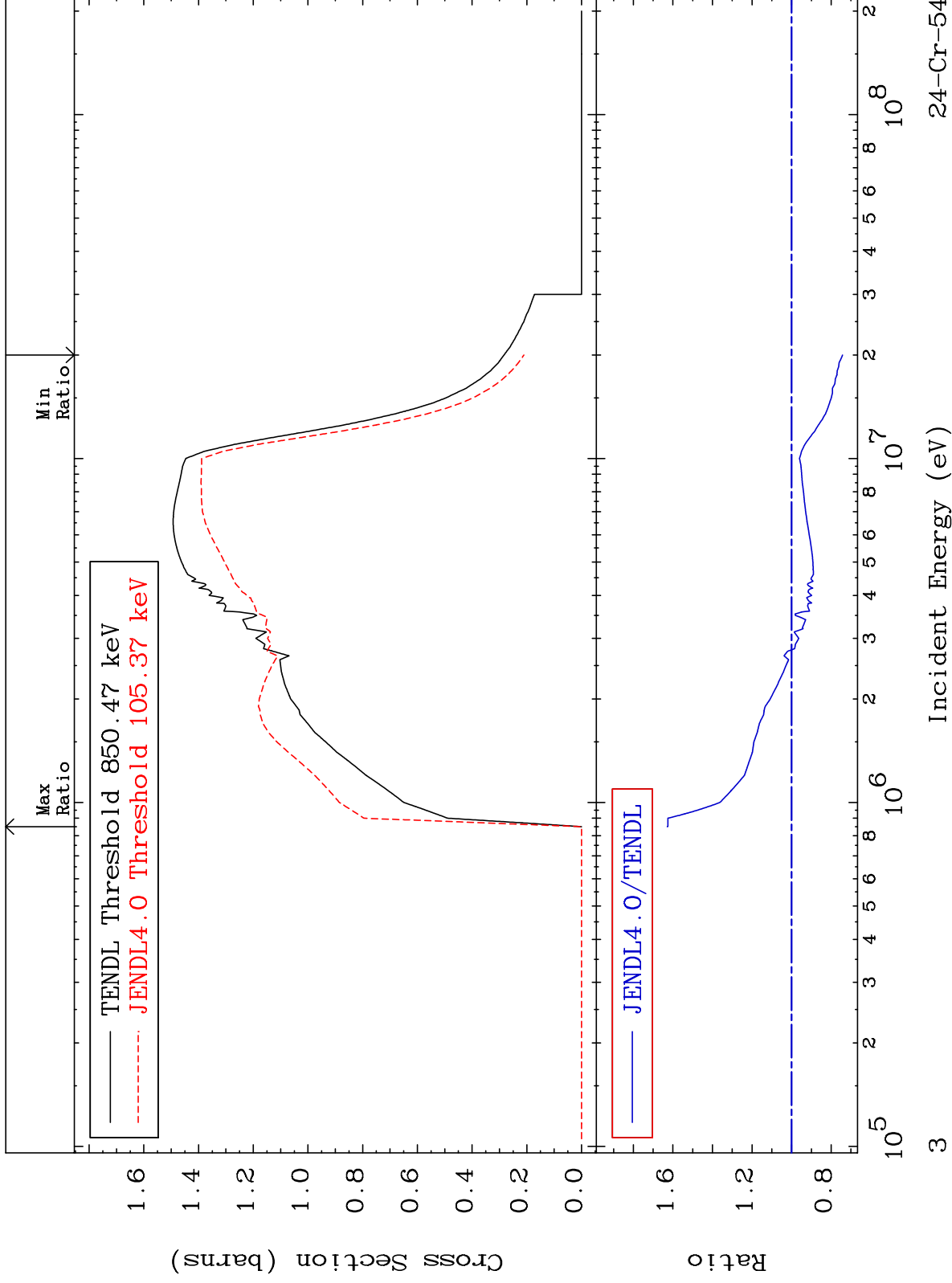


MAT 2437

Inelastic
Cross Section

24-Cr-54

-25.76 To 62.83 %



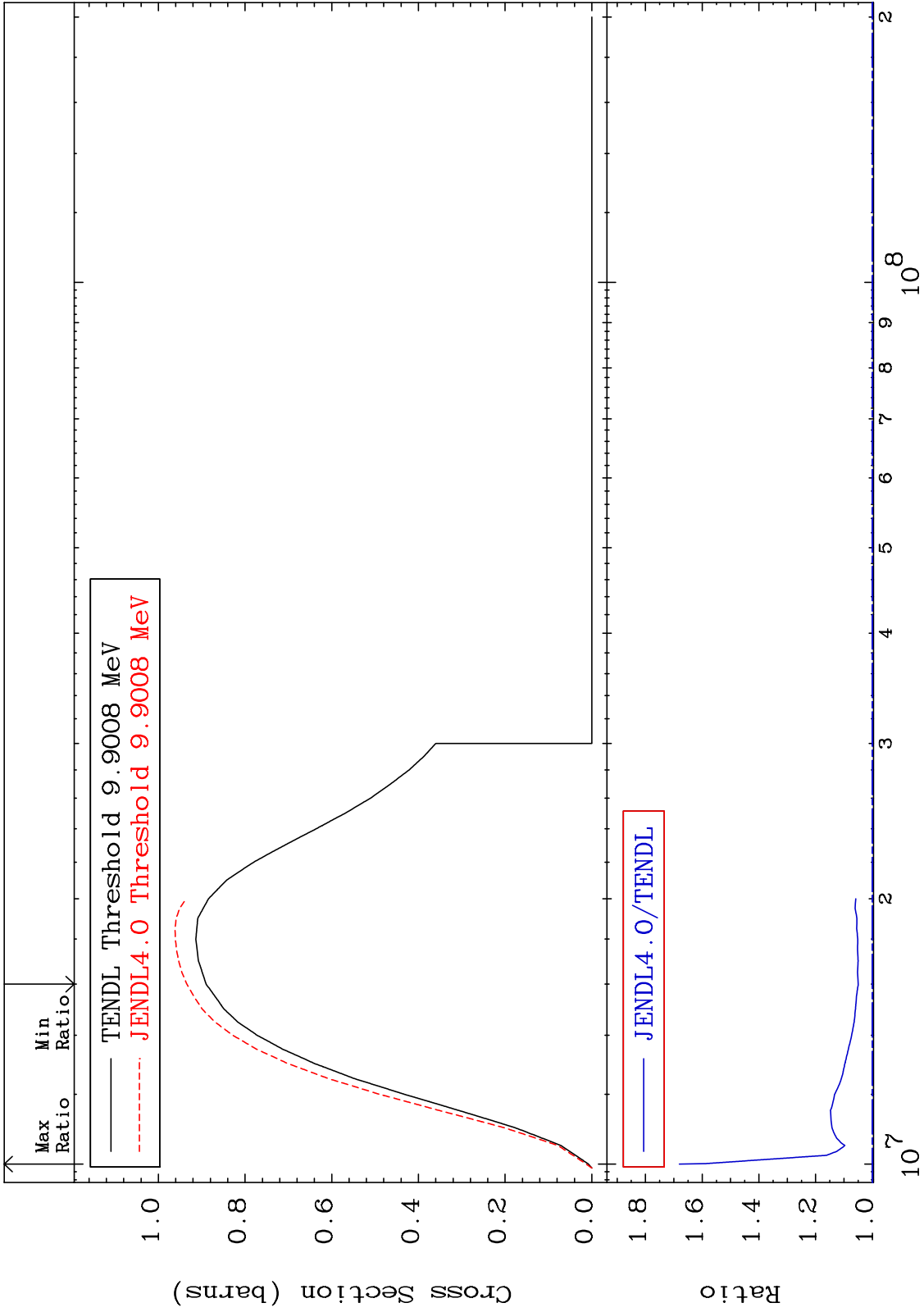
MAT 2437

(n,2n)

24-Cr-54

Cross Section

4.985 To 68.05 %



24-Cr-54

Incident Energy (eV)

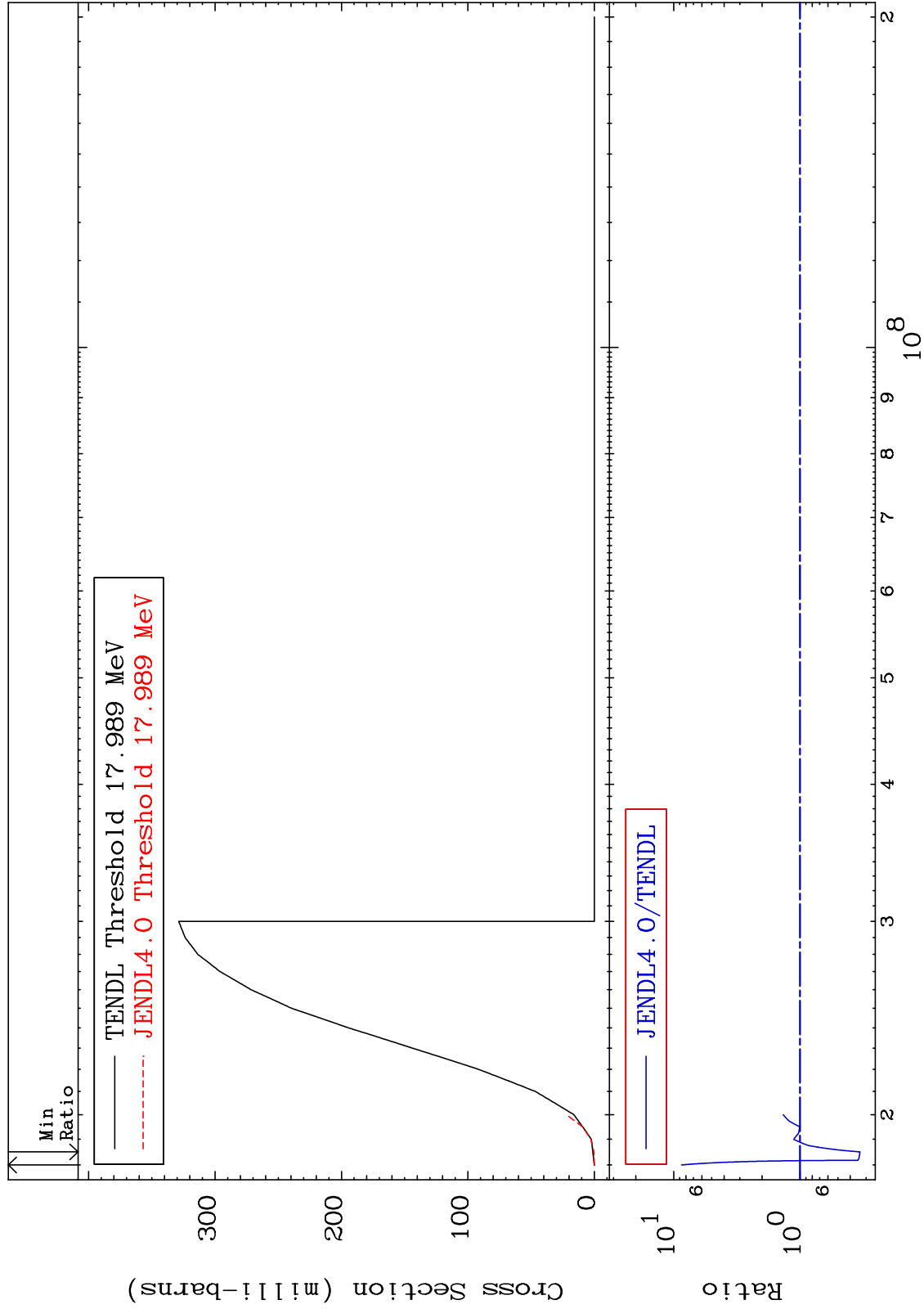
MAT 2437

(n,3n)

²⁴Cr-54

Cross Section

-66.53 To 766.1 %



5

Incident Energy (eV)

²⁴Cr-54

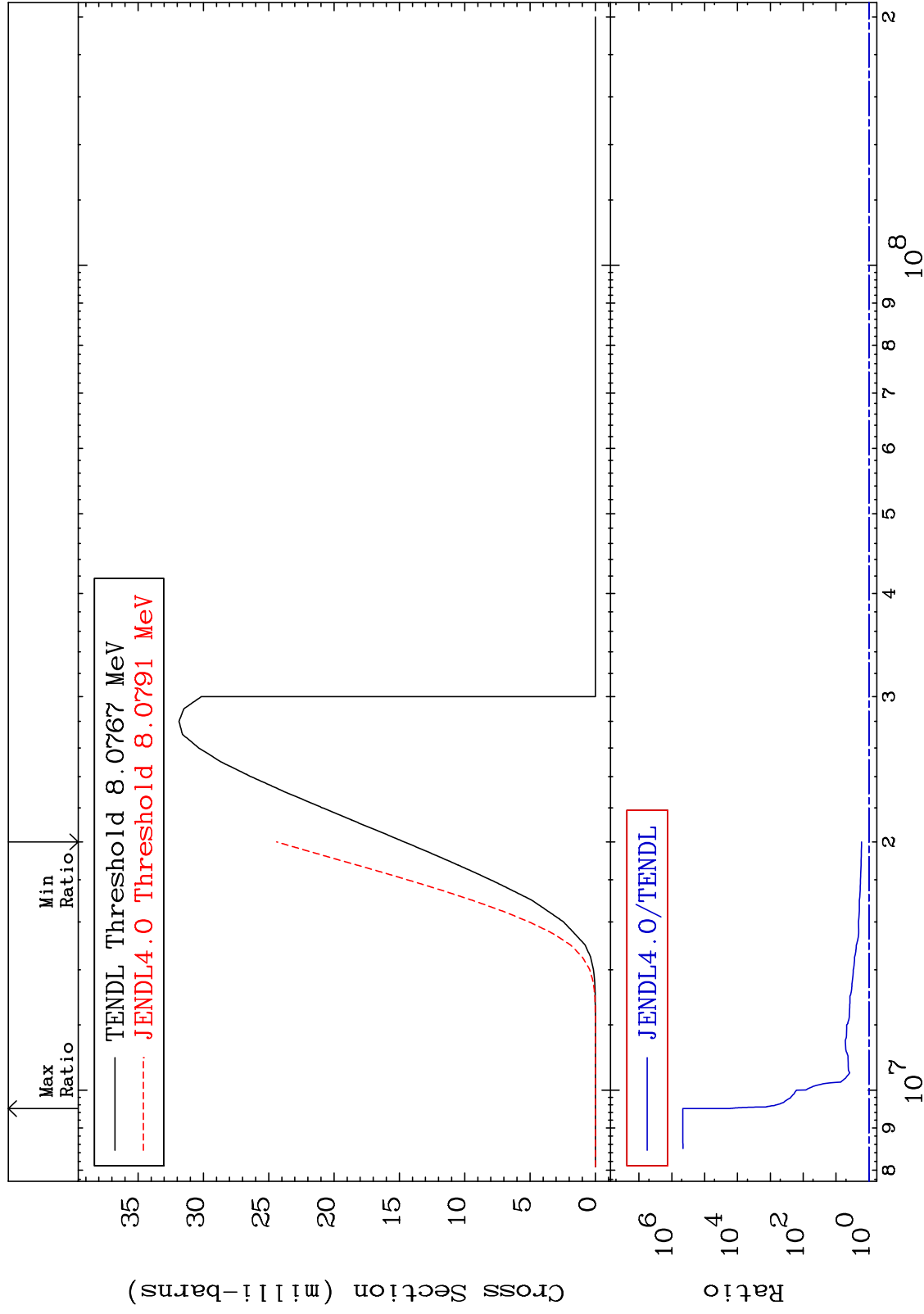
MAT 2437

(n,n') α

24-Cr-54

Cross Section

66.80 To 9999. %



6

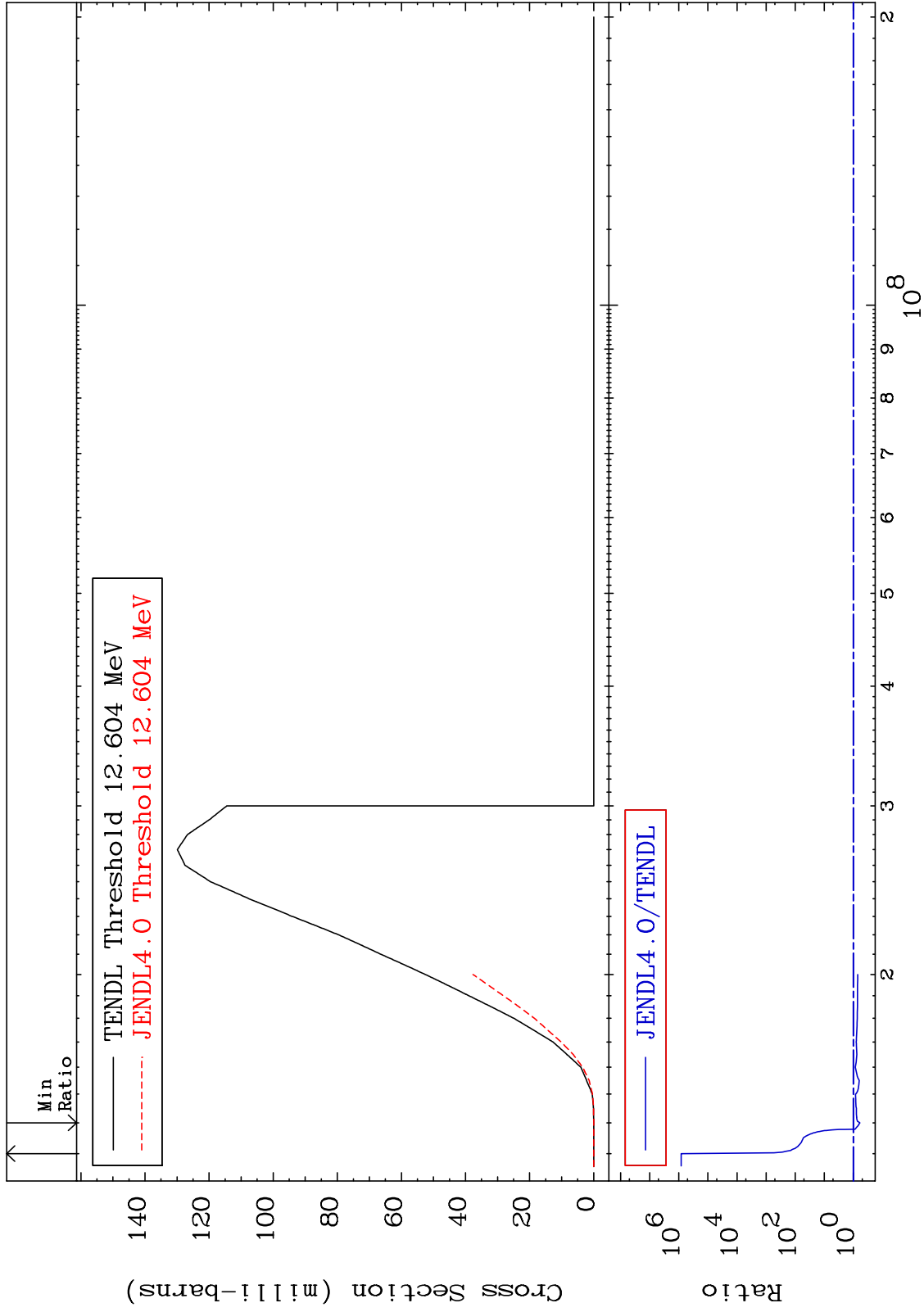
Incident Energy (eV)

24-Cr-54

MAT 2437

(n,n') p
Cross Section

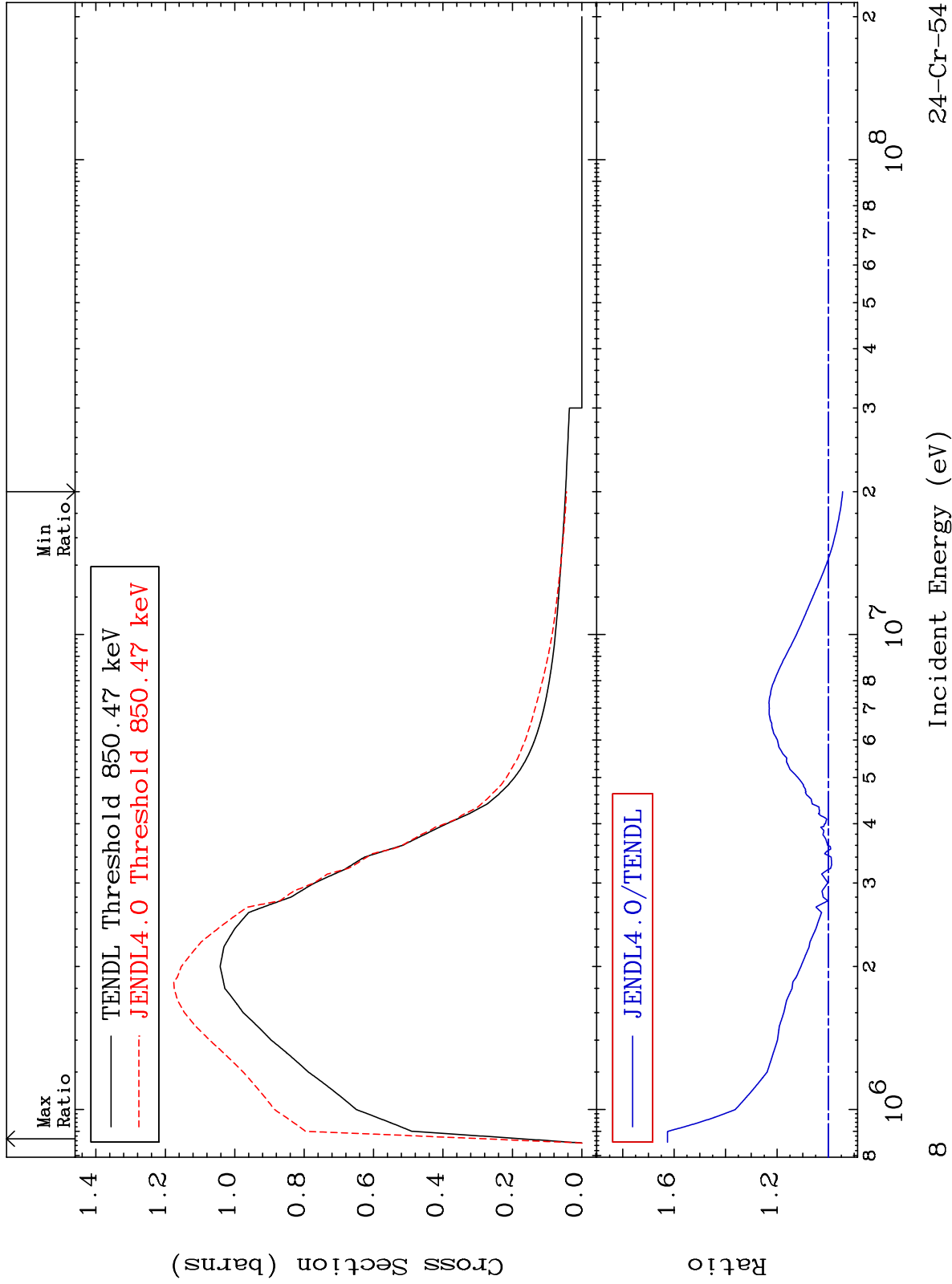
24-Cr-54
-40.23 To 9999. %



MAT 2437

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

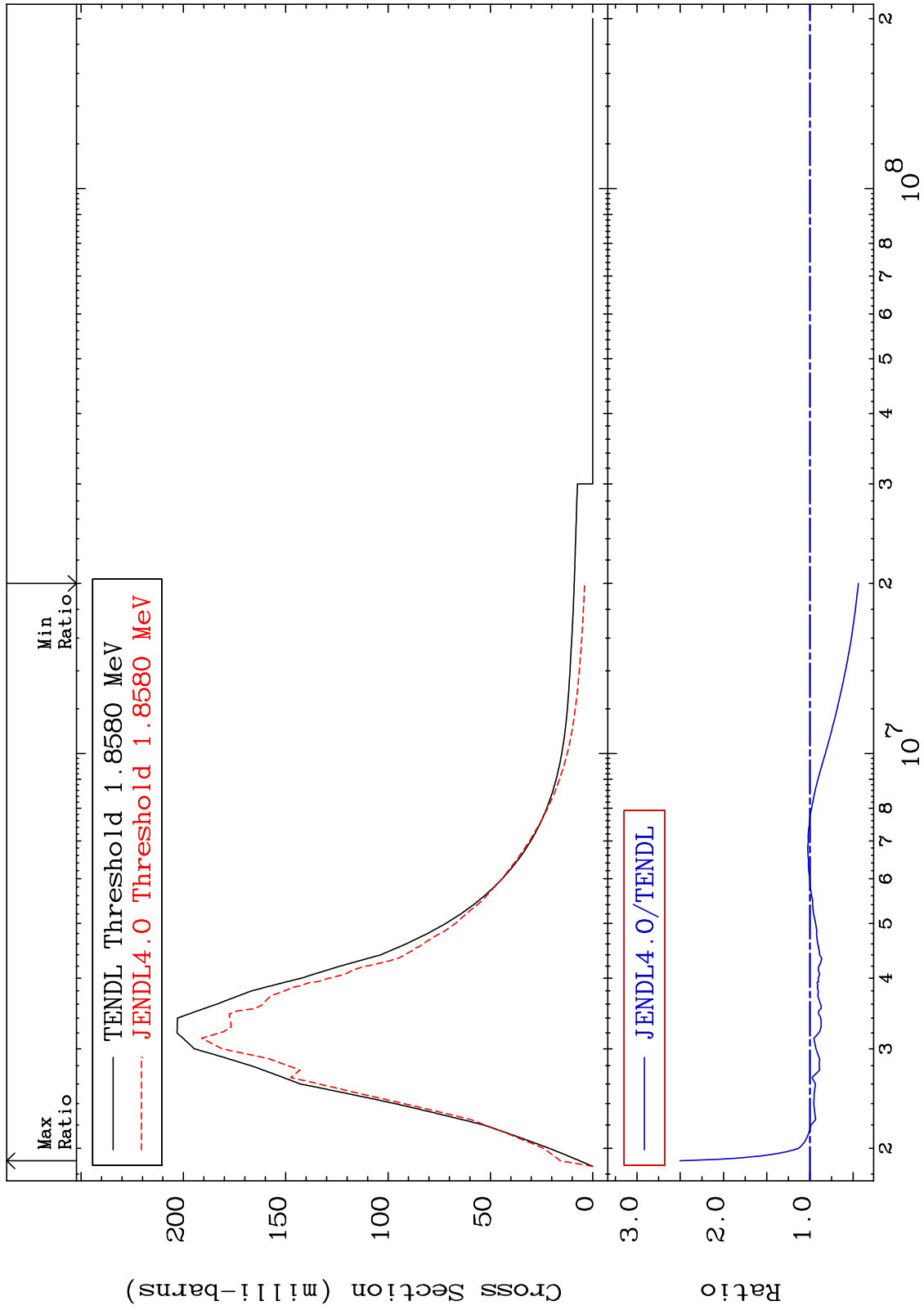
24-Cr-54
-5.510 To 62.54 %



MAT 2437

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

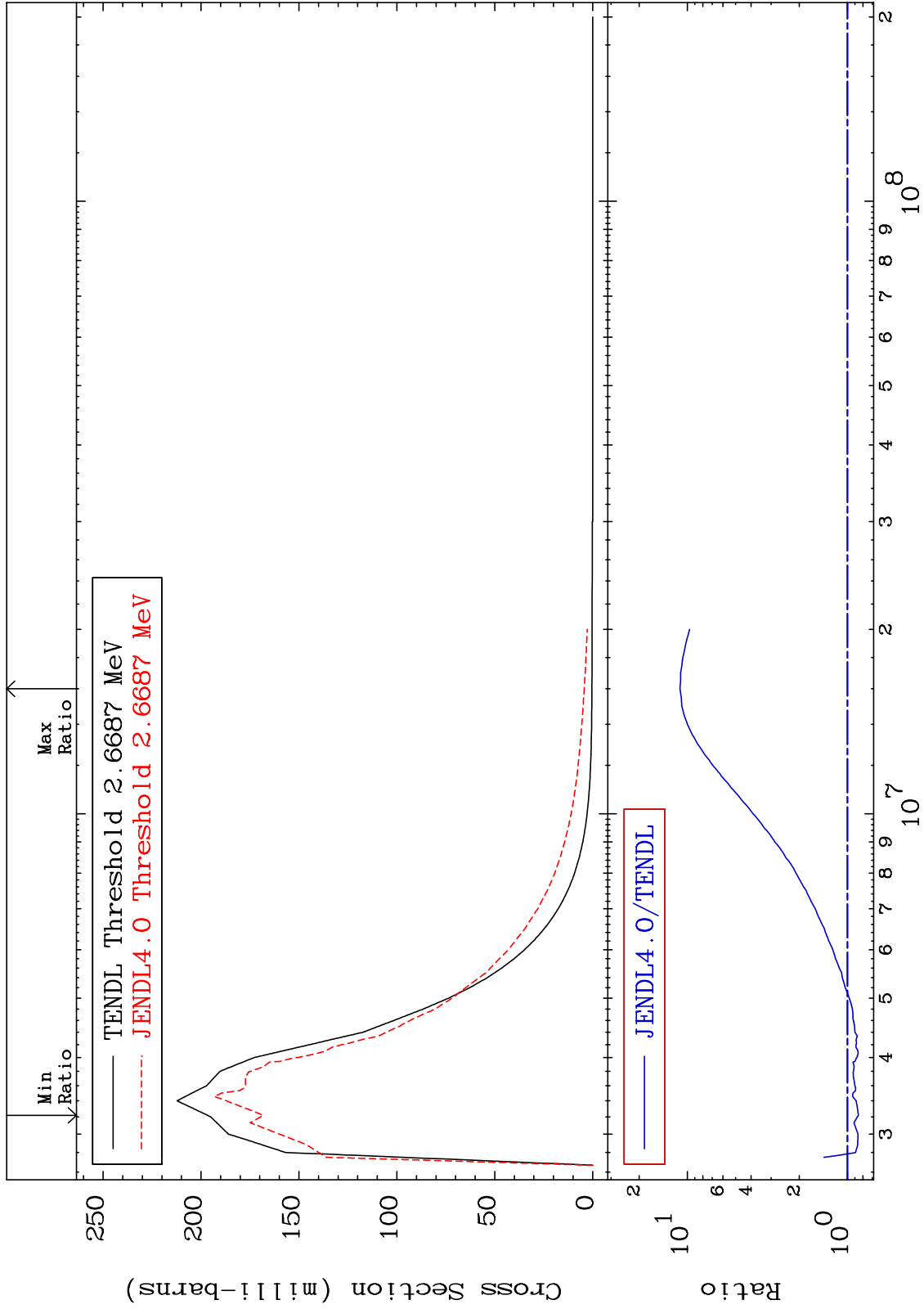
24-Cr-54
-56.07 To 150.3 %



MAT 2437

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

24-Cr-54
-14.49 To 1012. %



10

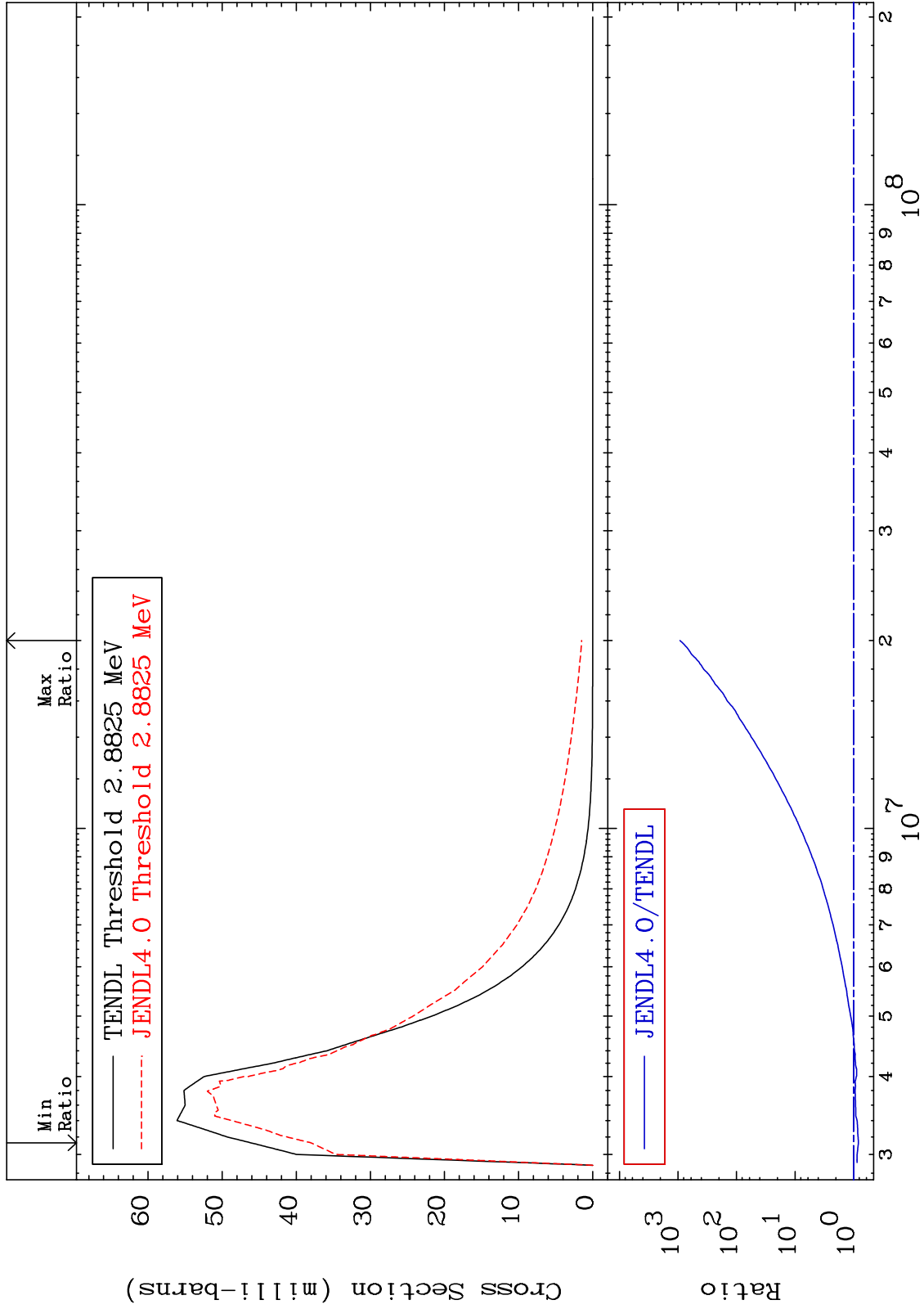
Incident Energy (eV)

24-Cr-54

MAT 2437

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

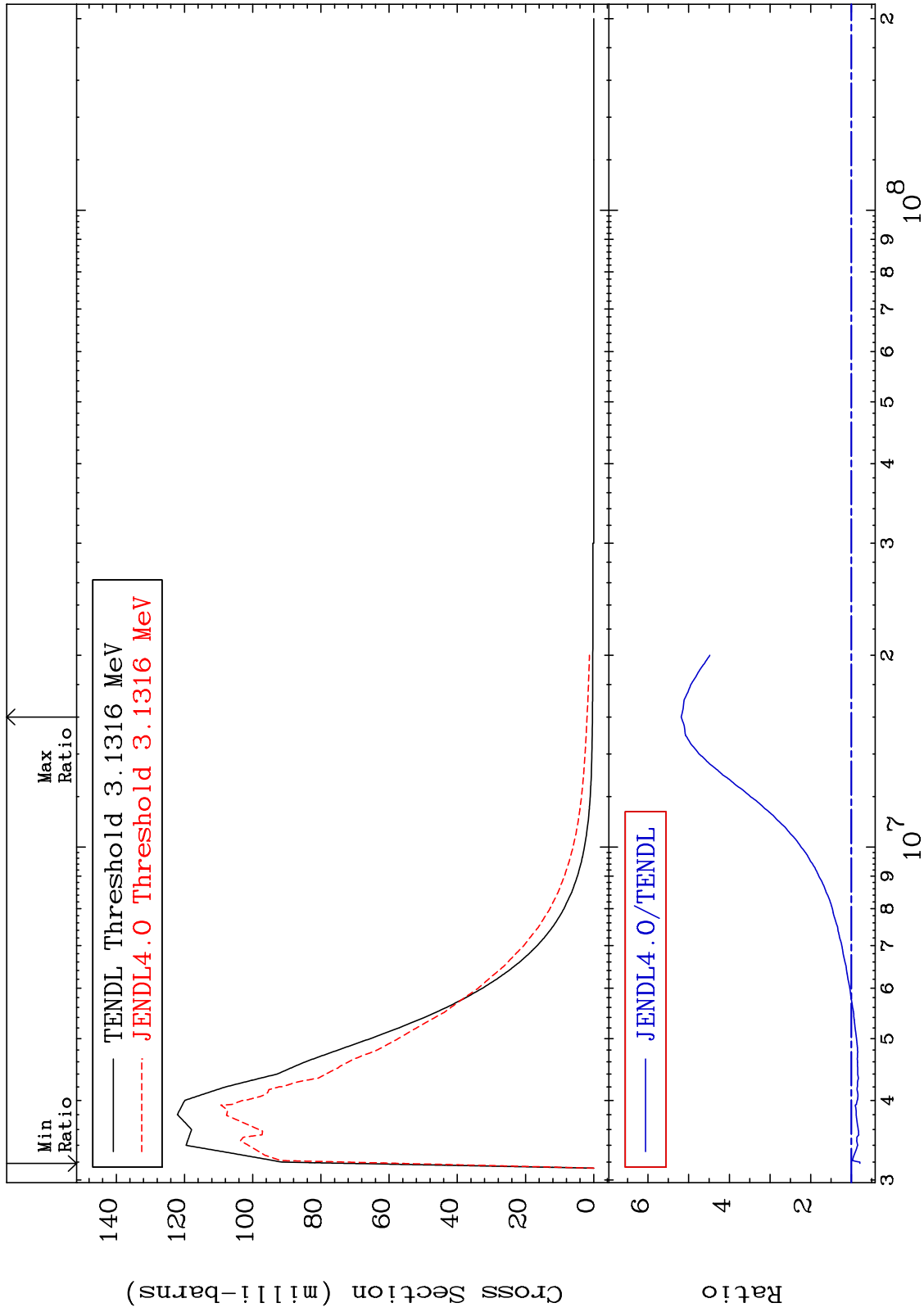
24-Cr-54
-17.57 To 9999. %



MAT 2437

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

24-Cr-54
-20.98 To 418.3 %



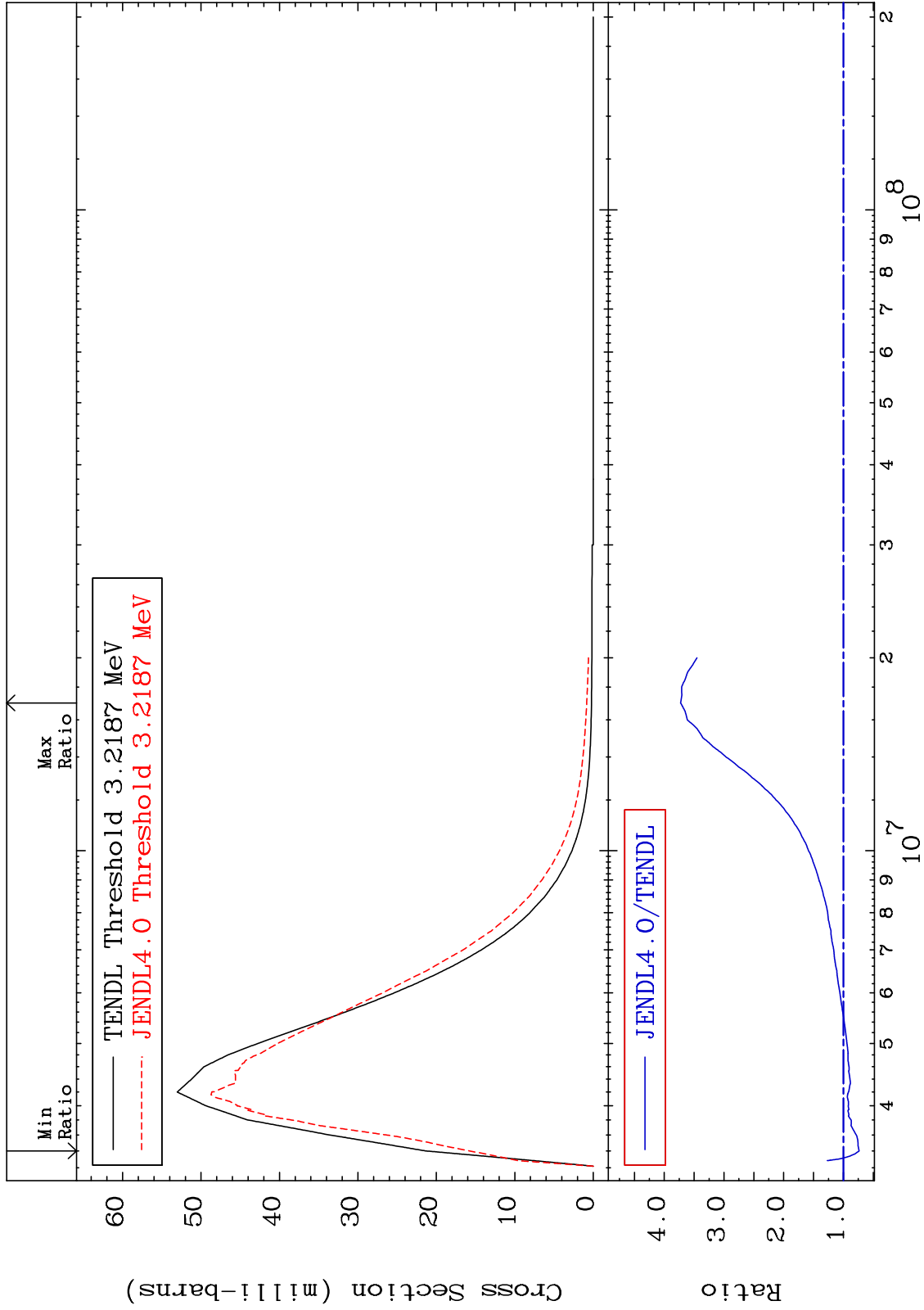
12

24-Cr-54

MAT 2437

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

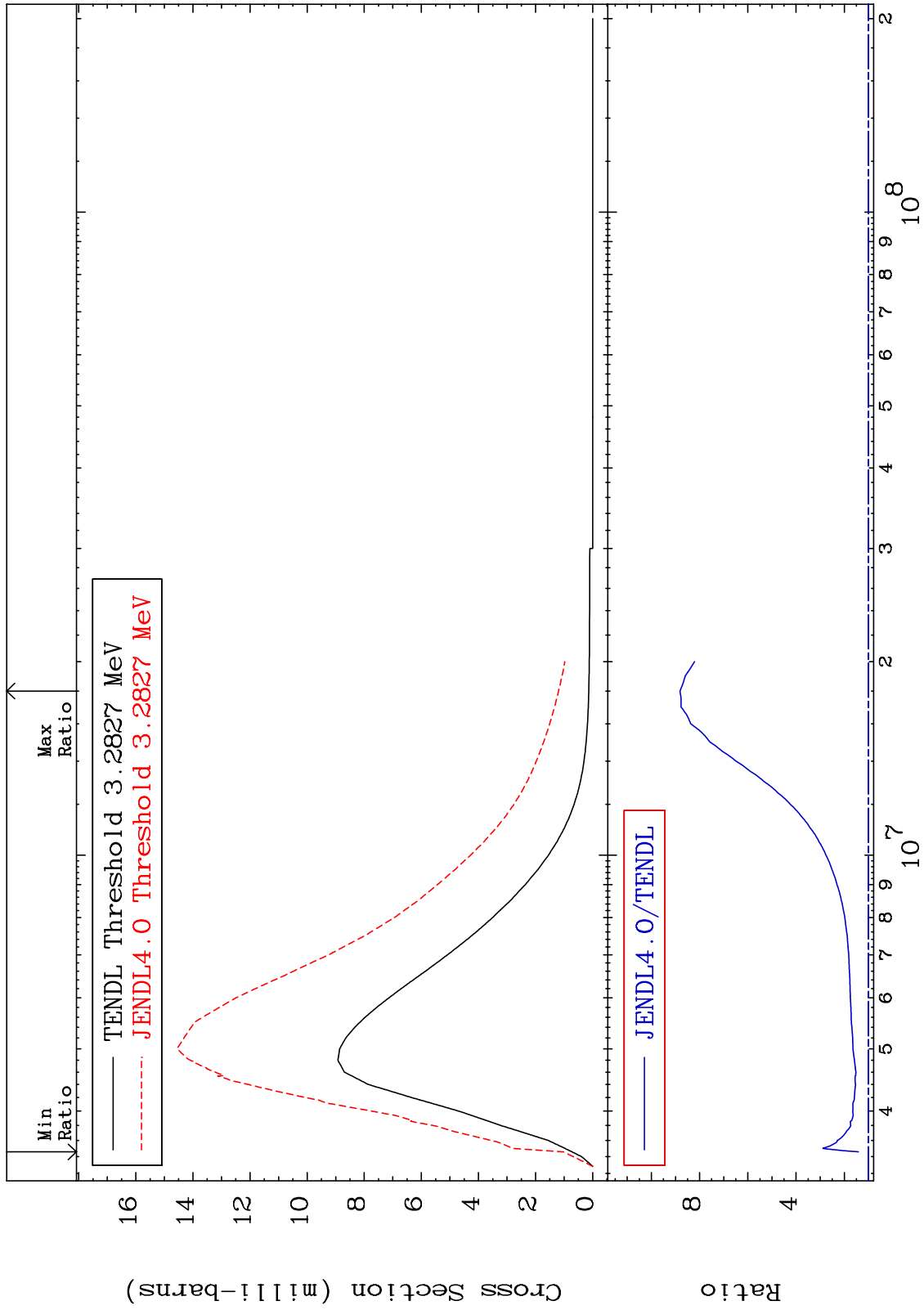
24-Cr-54
-26.40 To 272.6 %



MAT 2437

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

24-Cr-54
41.62 To 781.2 %



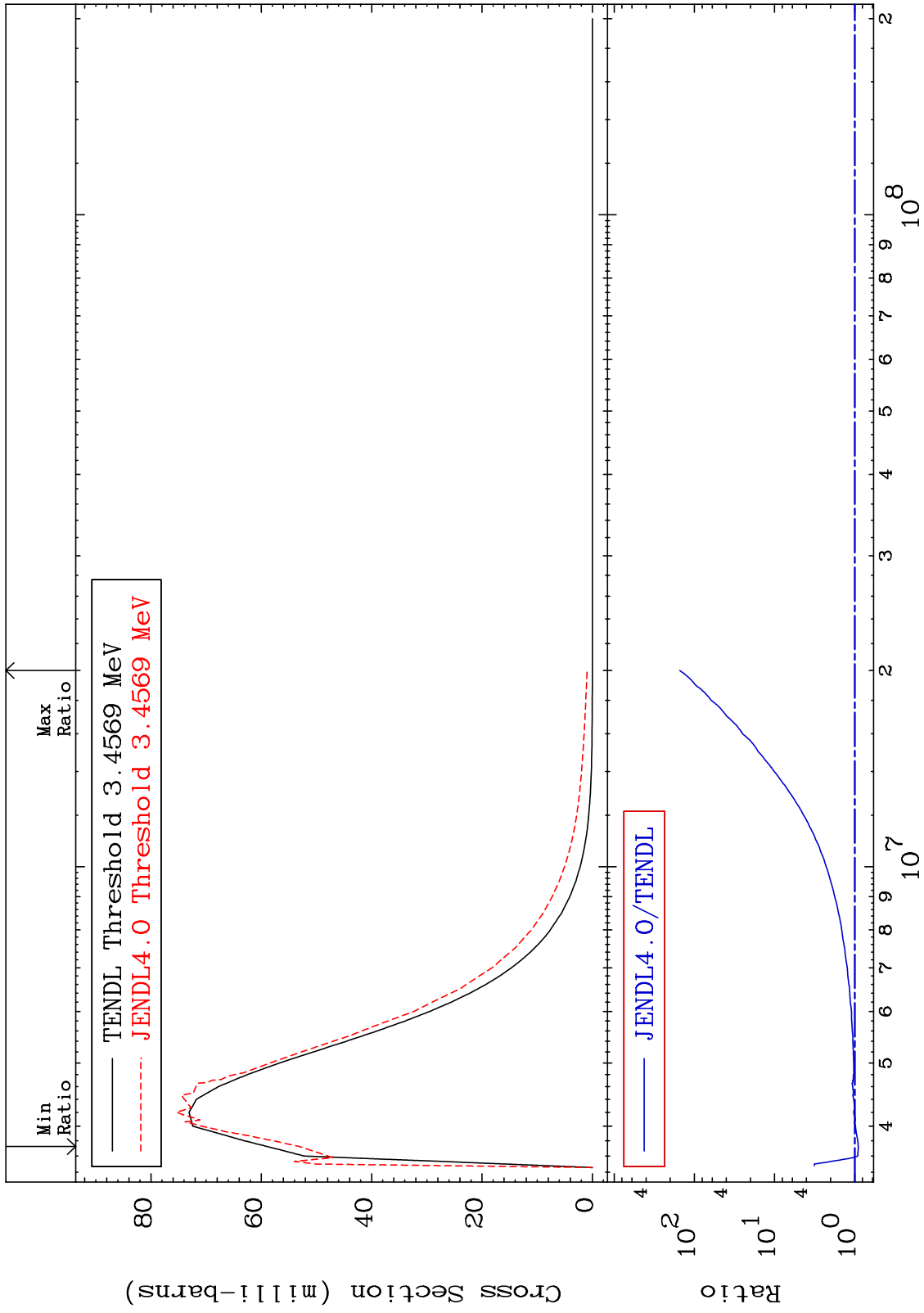
14

24-Cr-54

MAT 2437

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

24-Cr-54
-9.883 To 9999. %



15

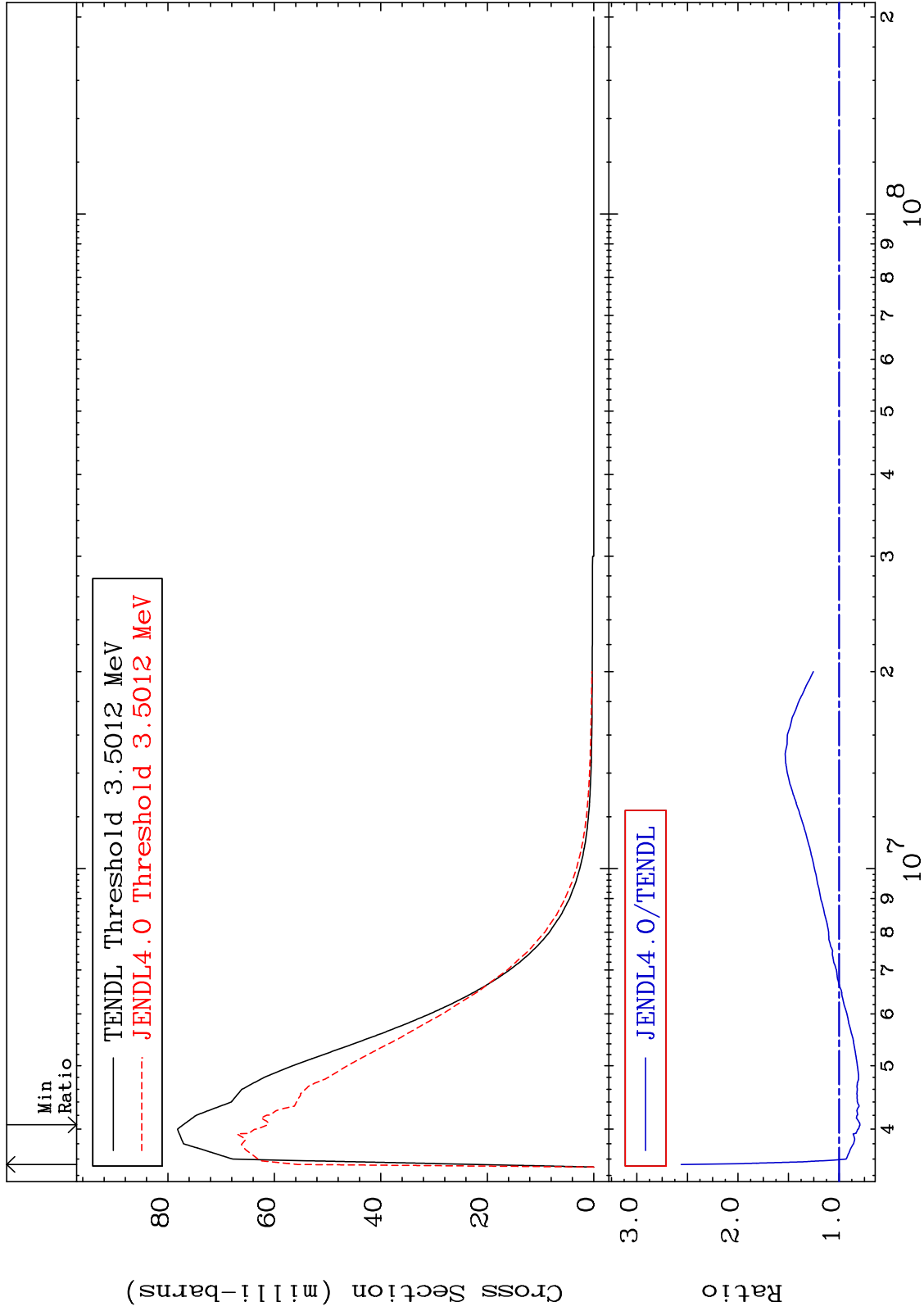
Incident Energy (eV)

24-Cr-54

MAT 2437

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

24-Cr-54
-20.61 To 156.1 %



16

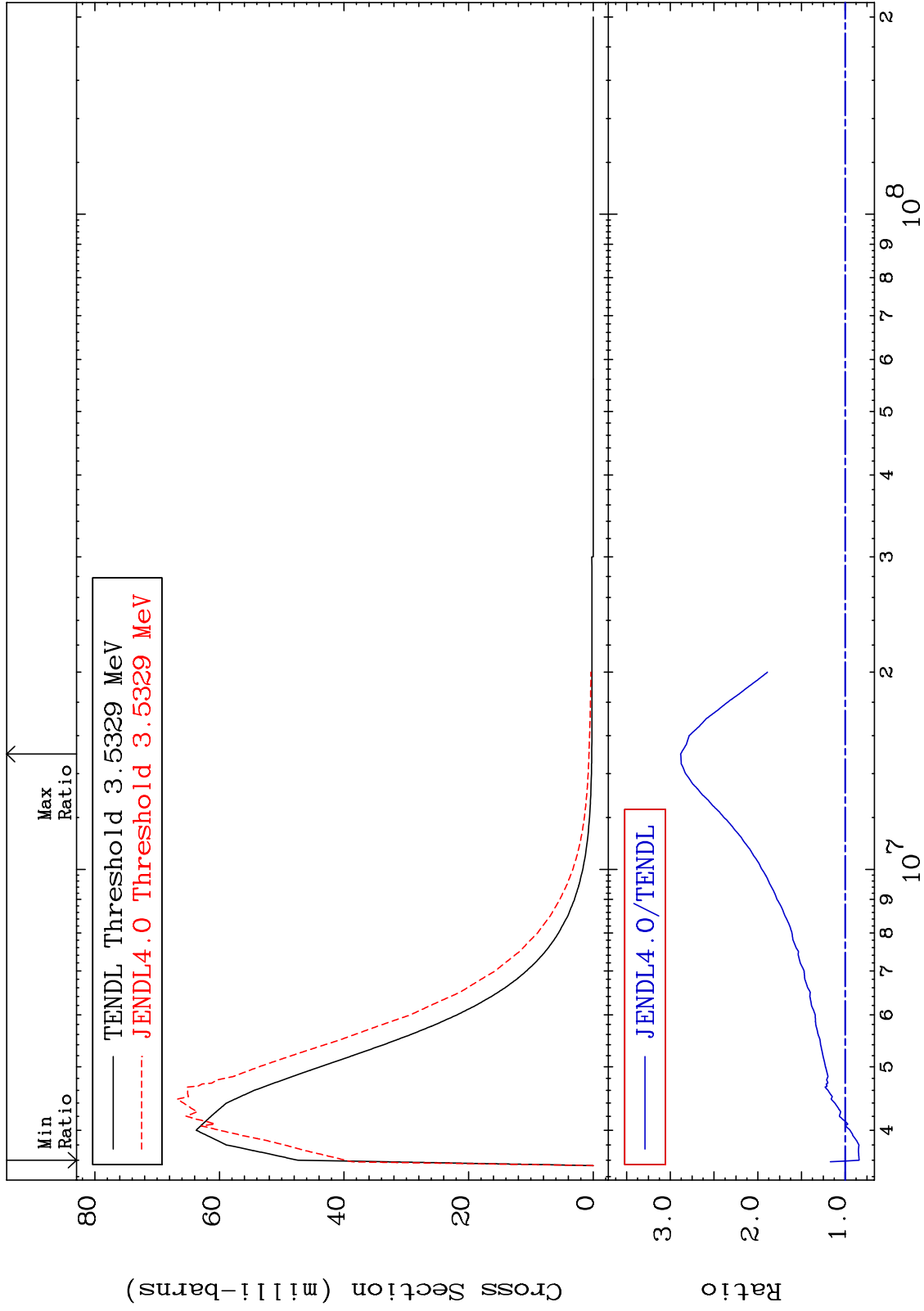
Incident Energy (eV)

24-Cr-54

MAT 2437

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

24-Cr-54
-16.13 To 188.3 %



17

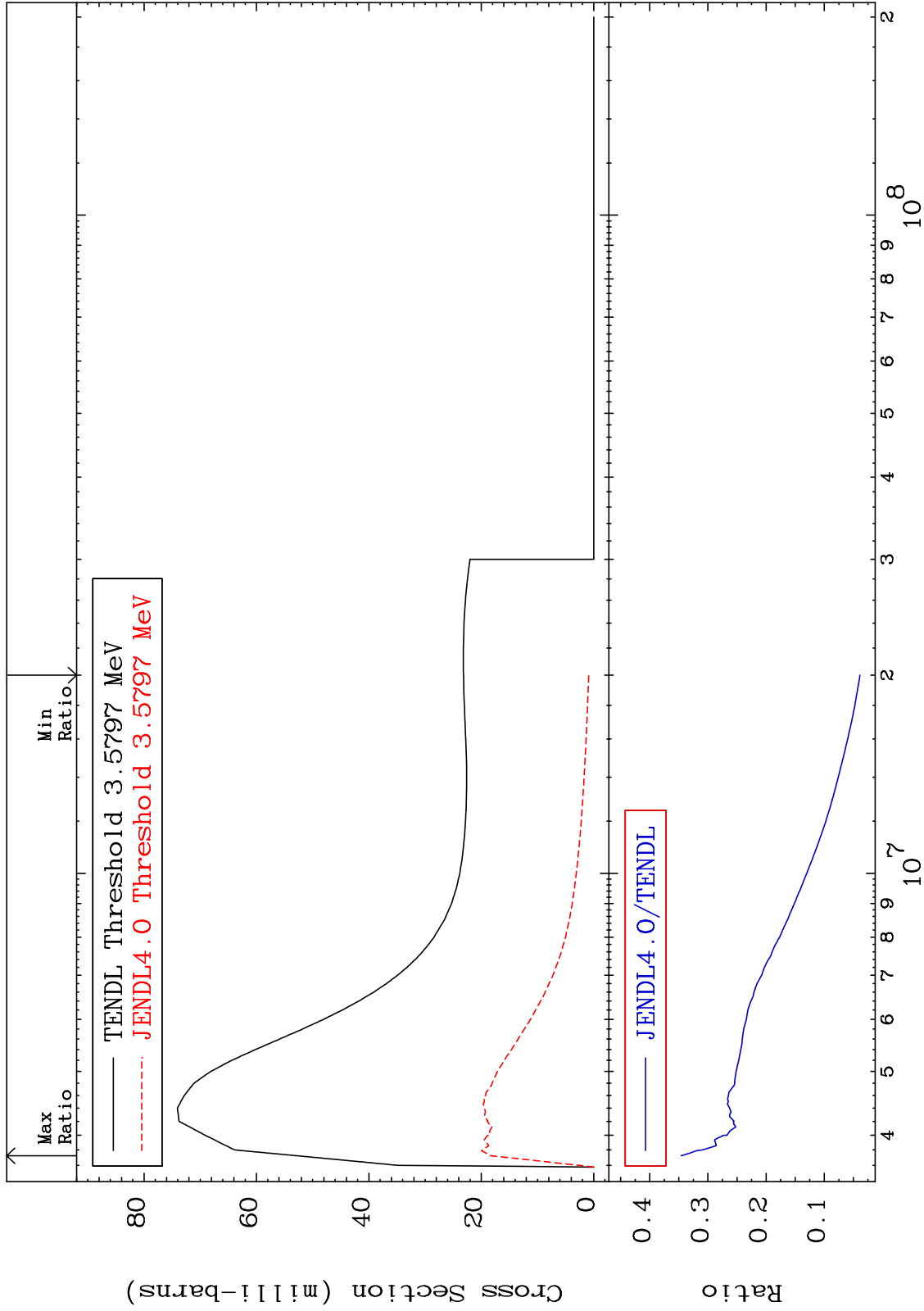
Incident Energy (eV)

24-Cr-54

MAT 2437

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

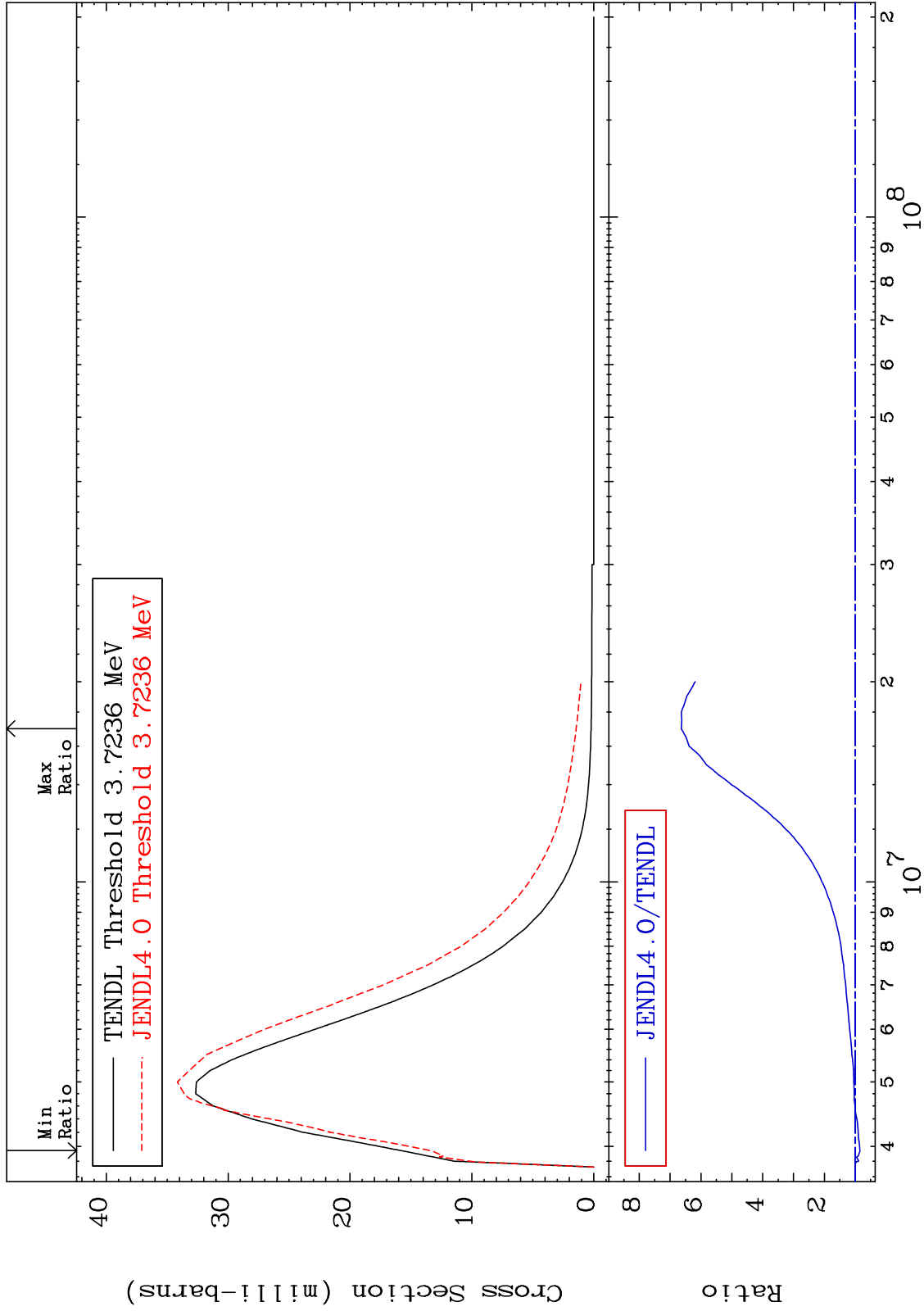
24-Cr-54
-96.13 To -65.41%



MAT 2437

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

24-Cr-54
-15.23 To 564.0 %



19

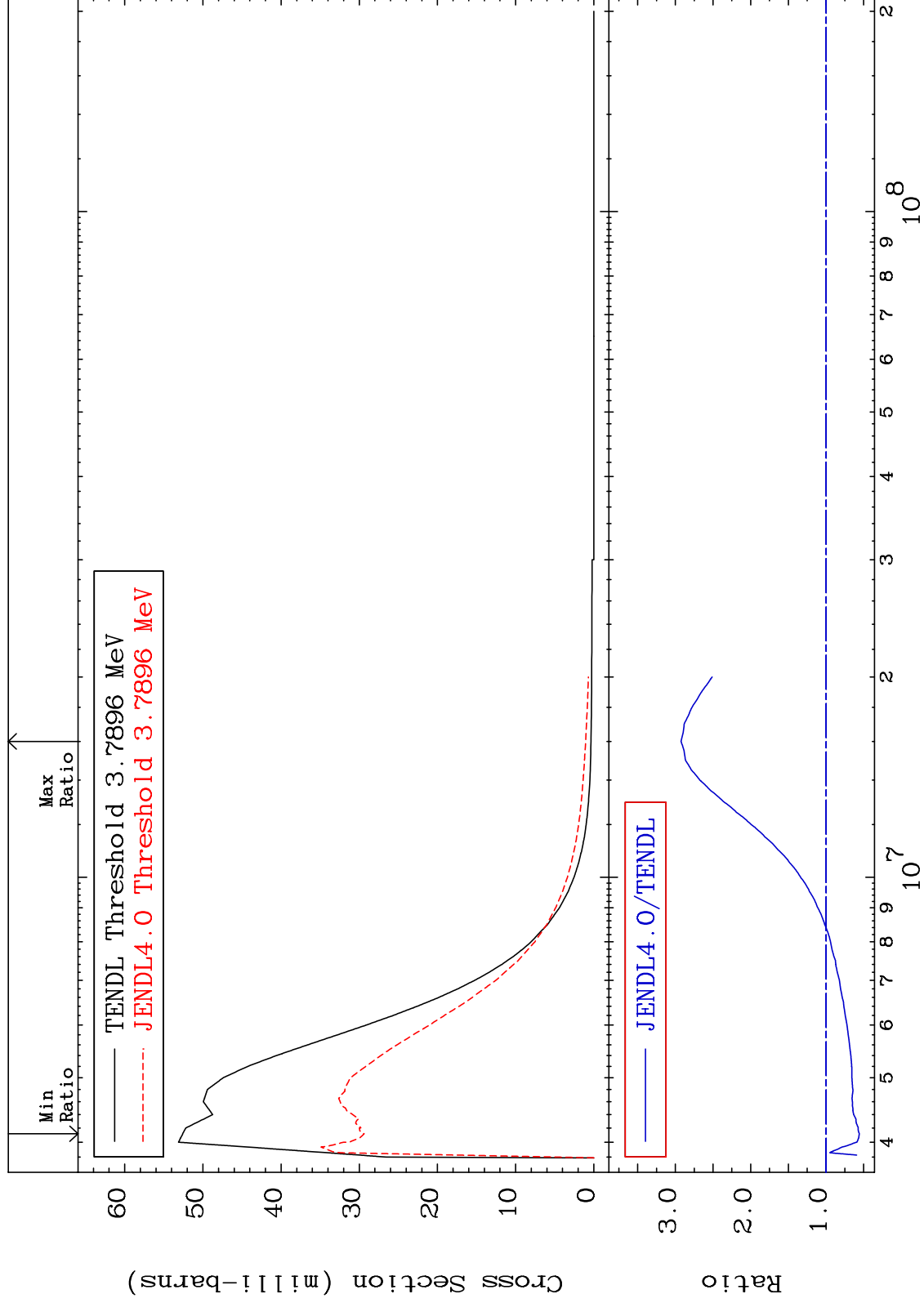
Incident Energy (eV)

24-Cr-54

MAT 2437

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

24-Cr-54
-44.15 To 192.5 %



20

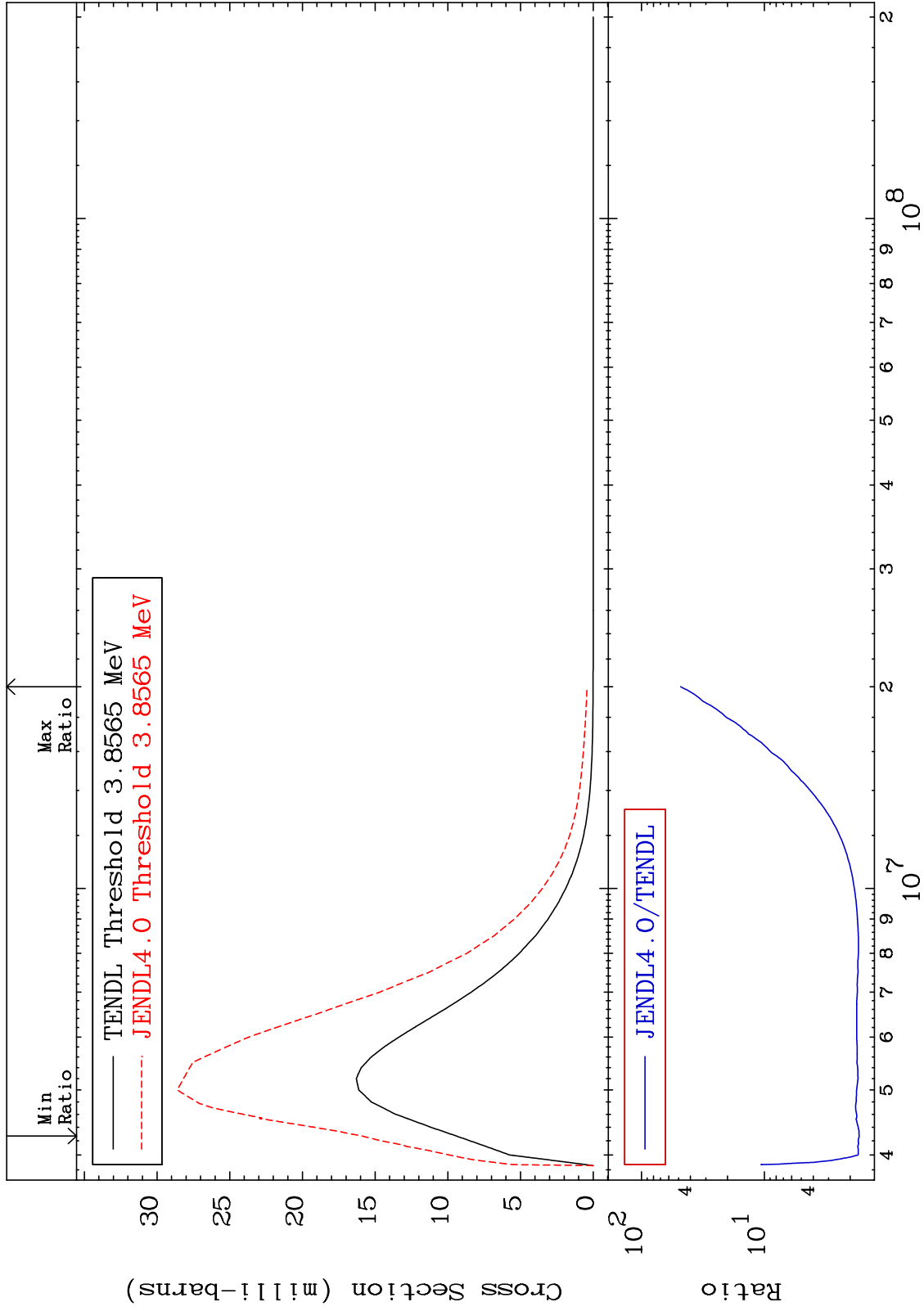
Incident Energy (eV)

24-Cr-54

MAT 2437

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

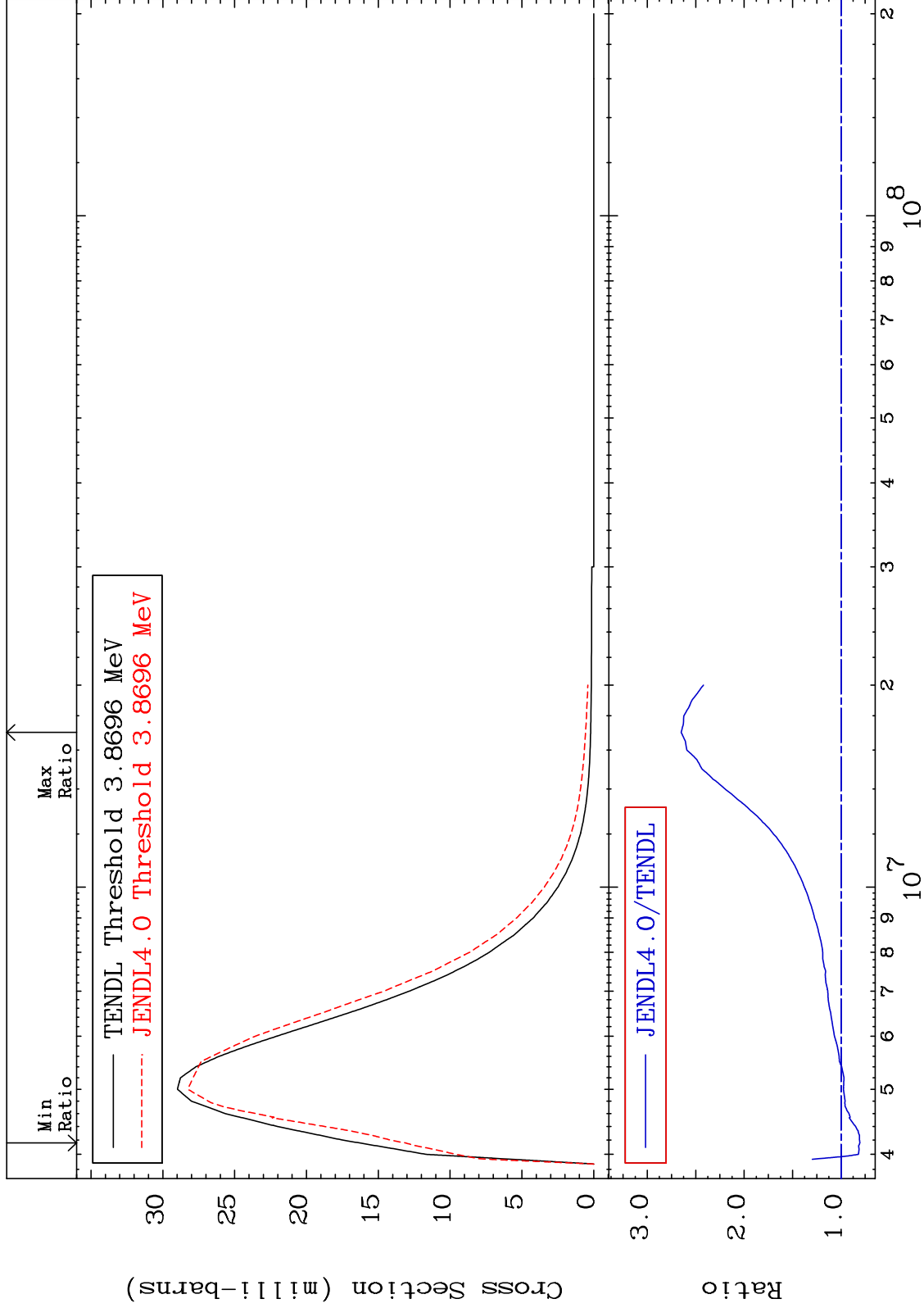
24-Cr-54
69.08 To 4707. %



MAT 2437

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

24-Cr-54
-19.53 To 165.0 %



22

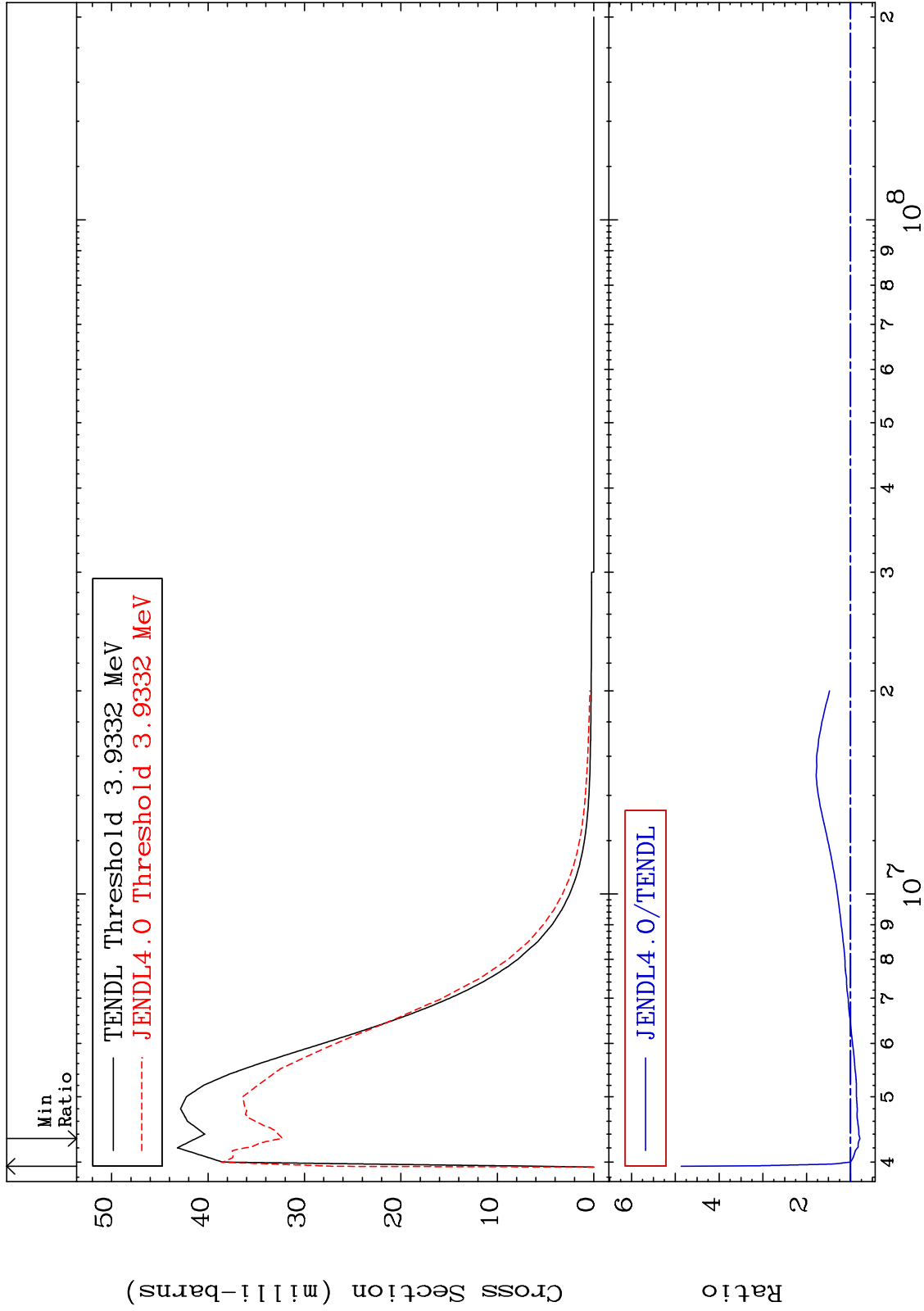
Incident Energy (eV)

24-Cr-54

MAT 2437

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

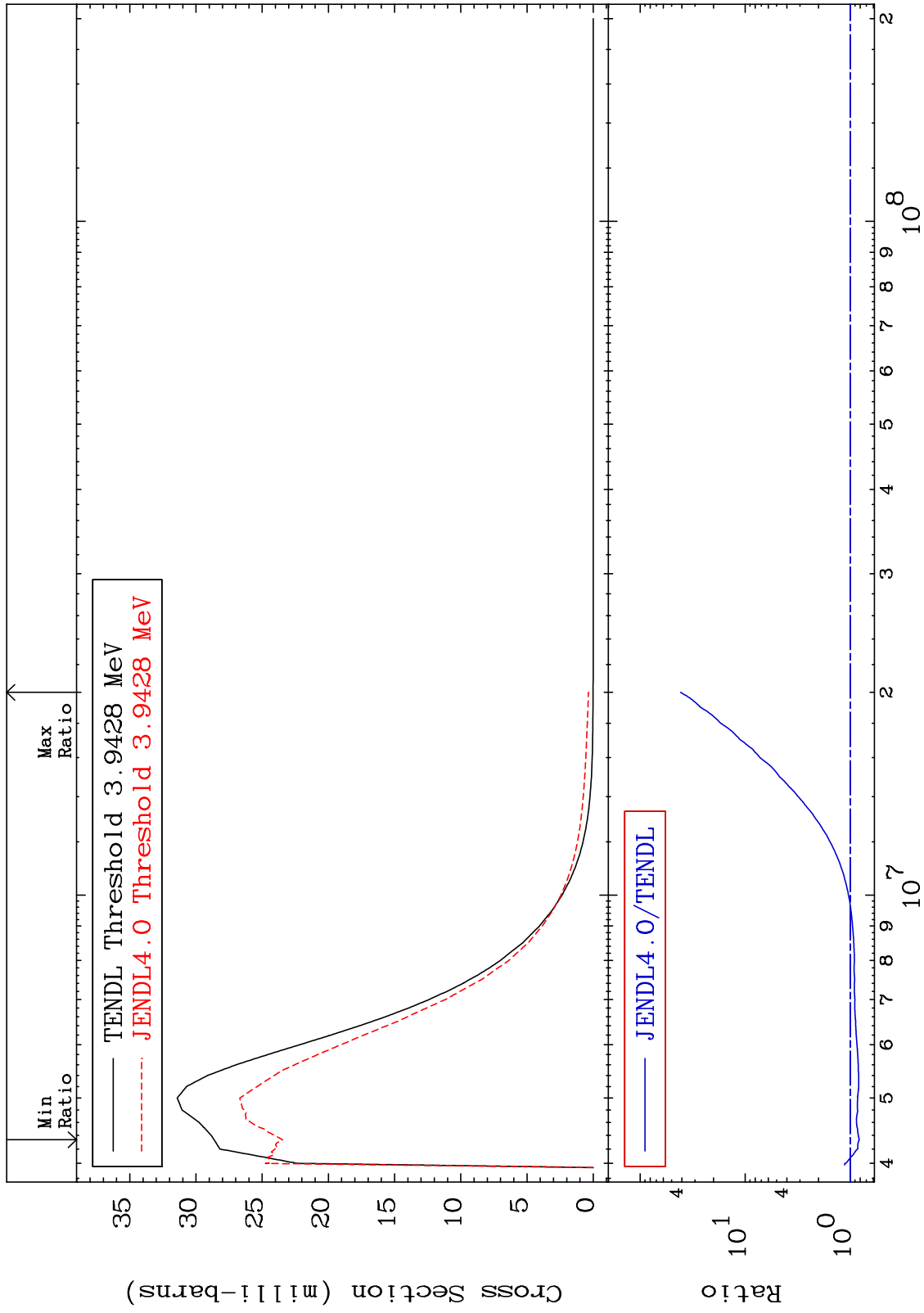
24-Cr-54
-21.77 To 386.5 %



MAT 2437

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

24-Cr-54
-18.07 To 4012. %



24

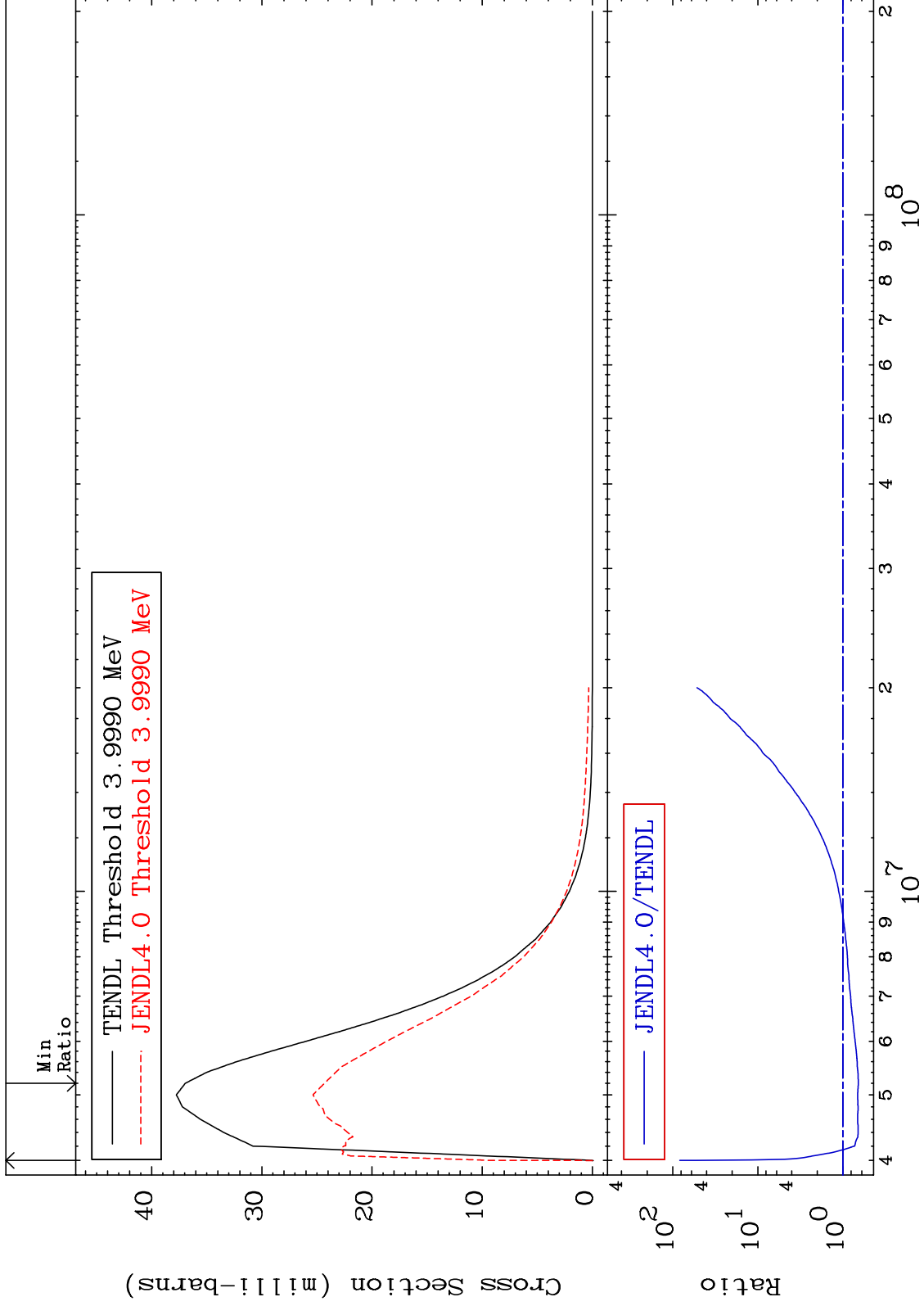
Incident Energy (eV)

24-Cr-54

MAT 2437

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

24-Cr-54
-34.17 To 8159. %



25

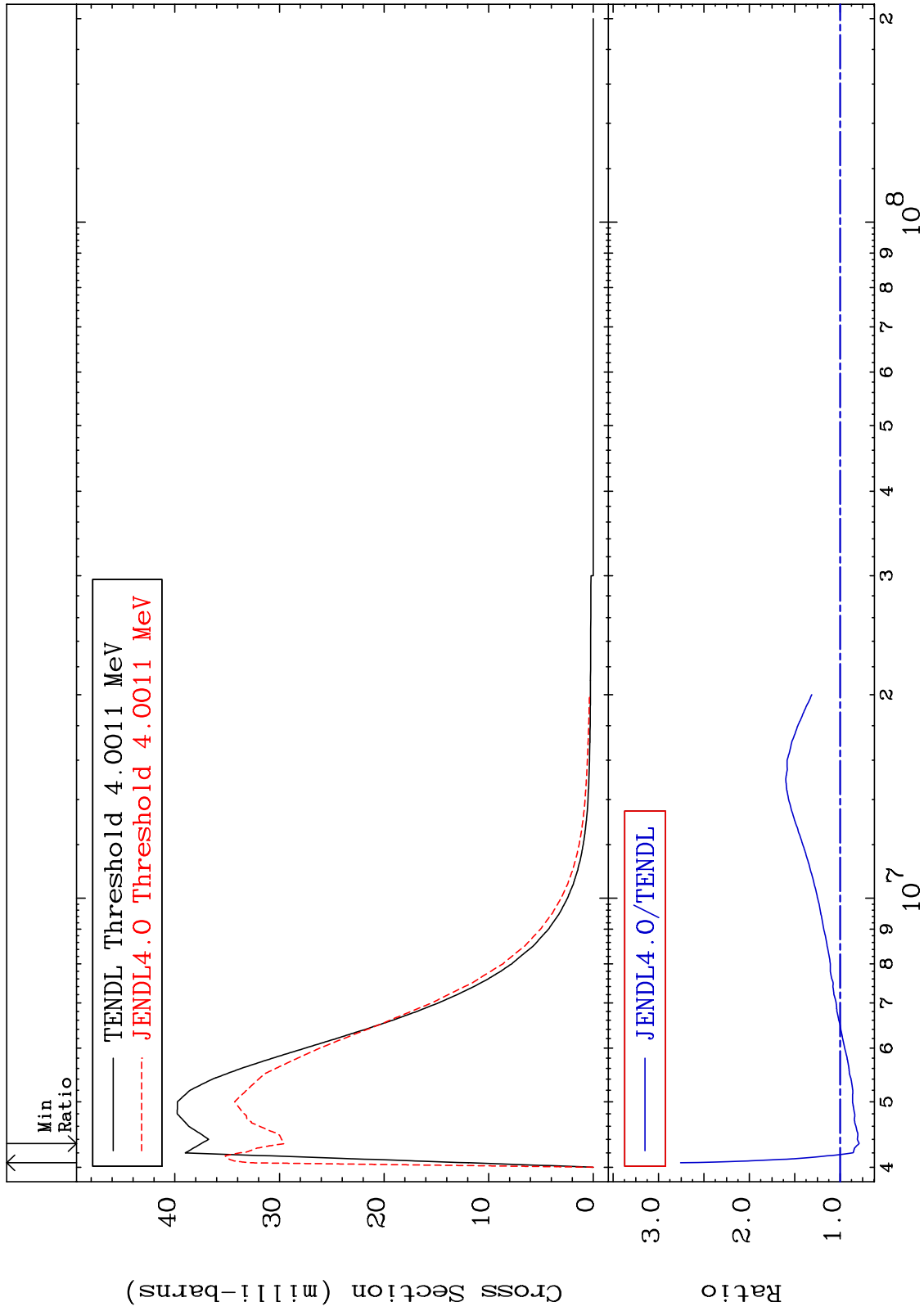
Incident Energy (eV)

24-Cr-54

MAT 2437

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

24-Cr-54
-21.09 To 175.7 %



26

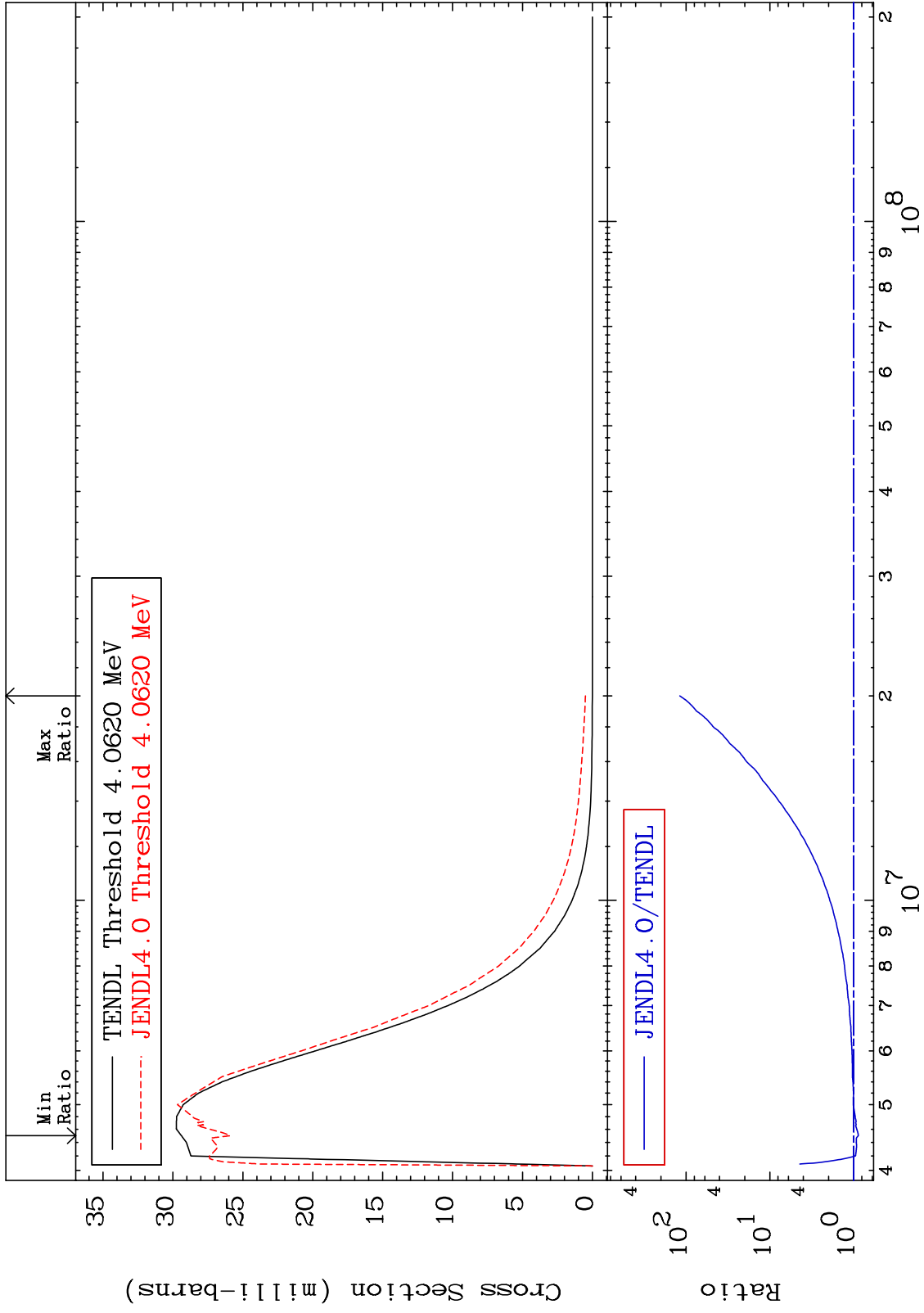
Incident Energy (eV)

24-Cr-54

MAT 2437

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

24-Cr-54
-11.85 To 9999. %



27

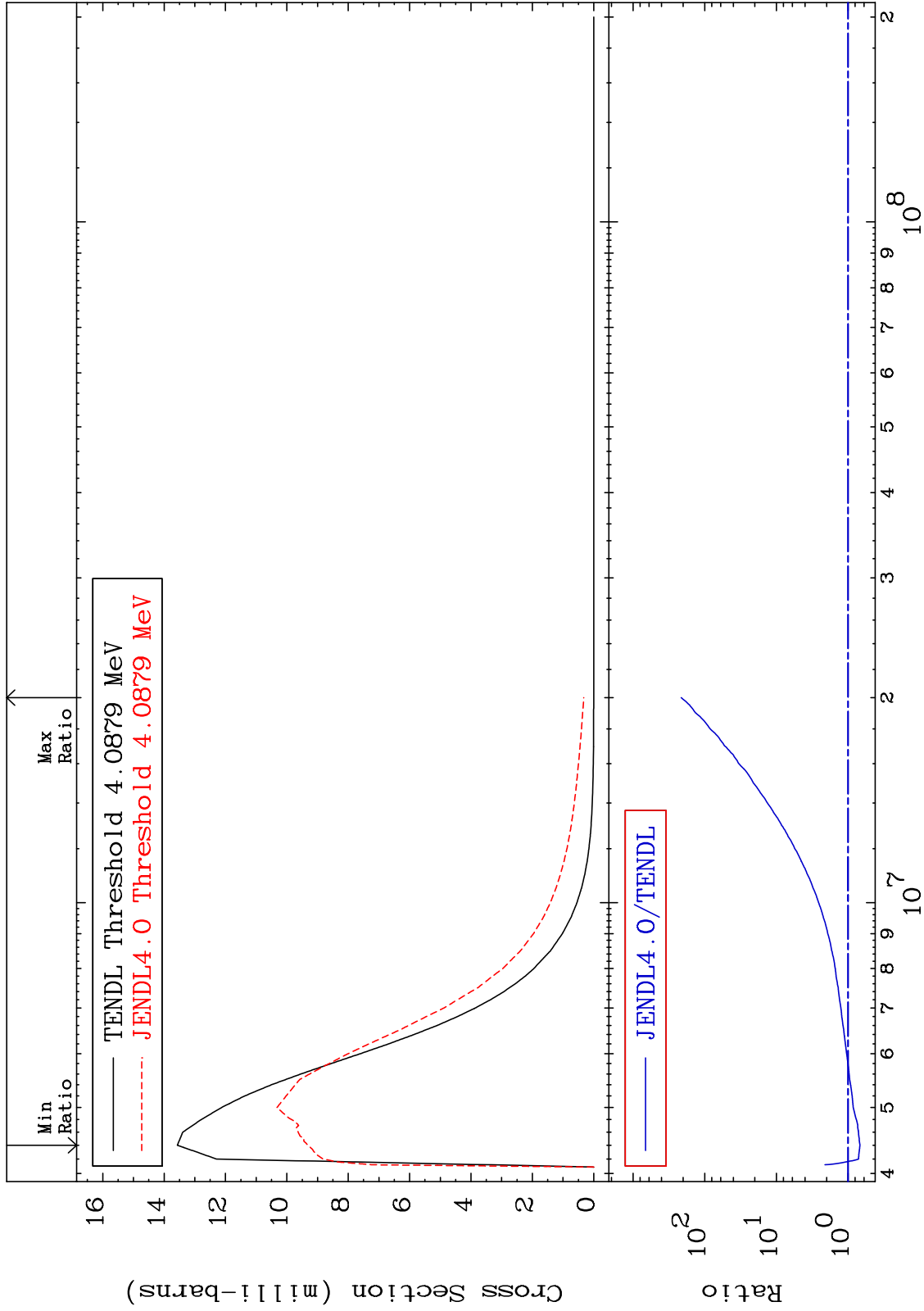
Incident Energy (eV)

24-Cr-54

MAT 2437

MT= 71 (n,n') Level
Cross Section

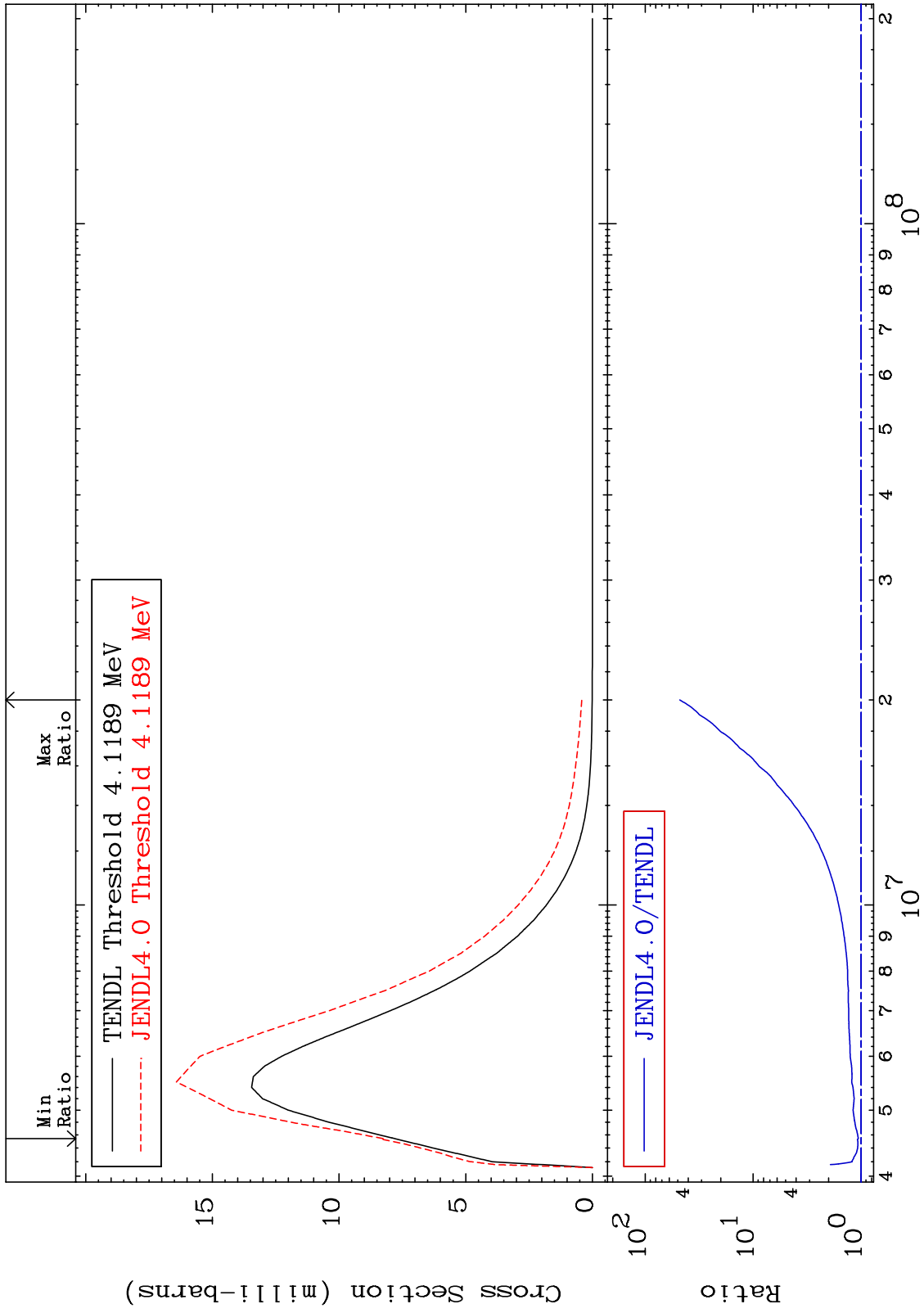
24-Cr-54
-31.41 To 9999. %



MAT 2437

MT= 72 (n,n') Level
Cross Section

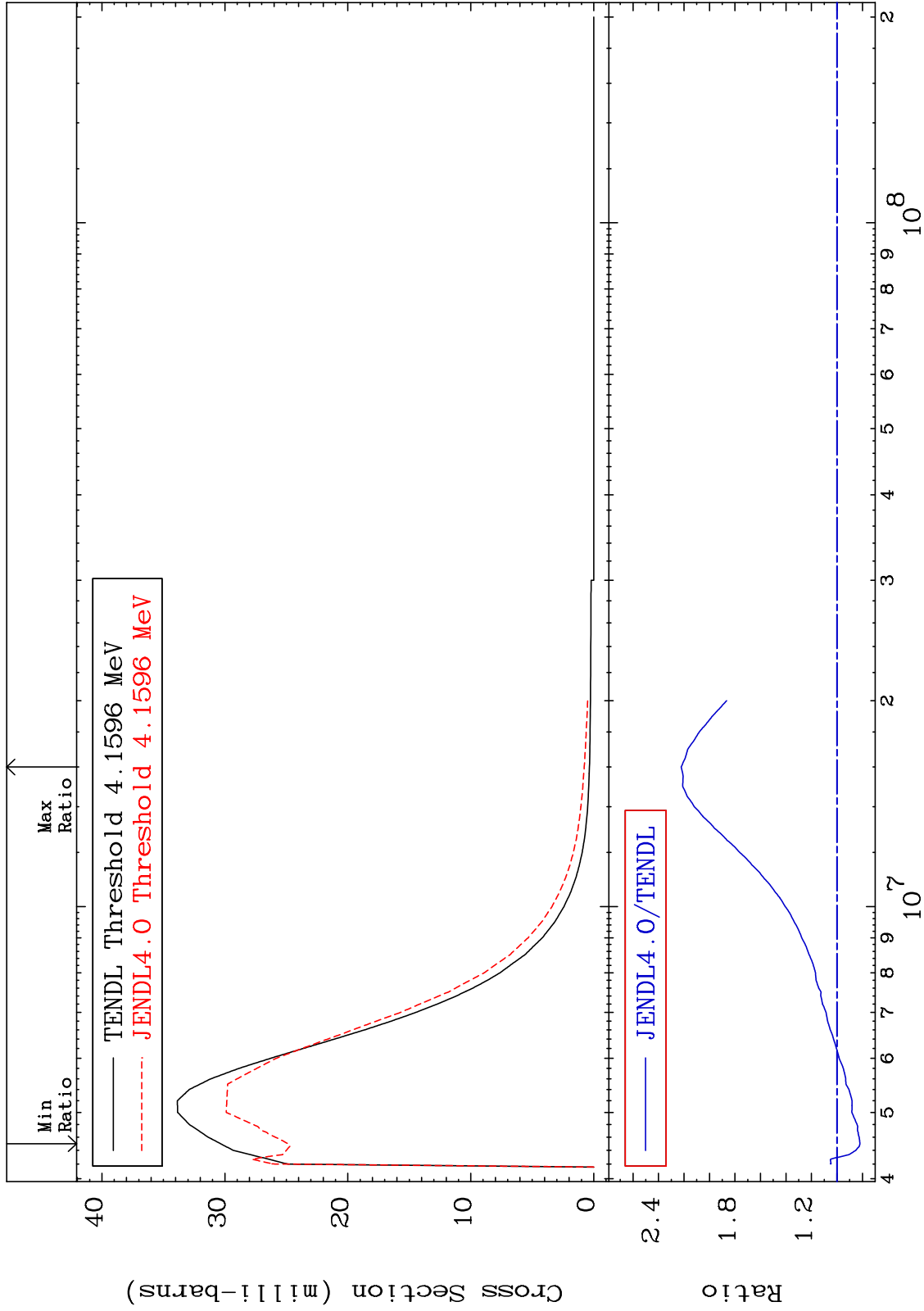
24-Cr-54
6.059 To 4682. %



MAT 2437

MT= 73 (n,n') Level
Cross Section

24-Cr-54
-18.03 To 122.2 %



30

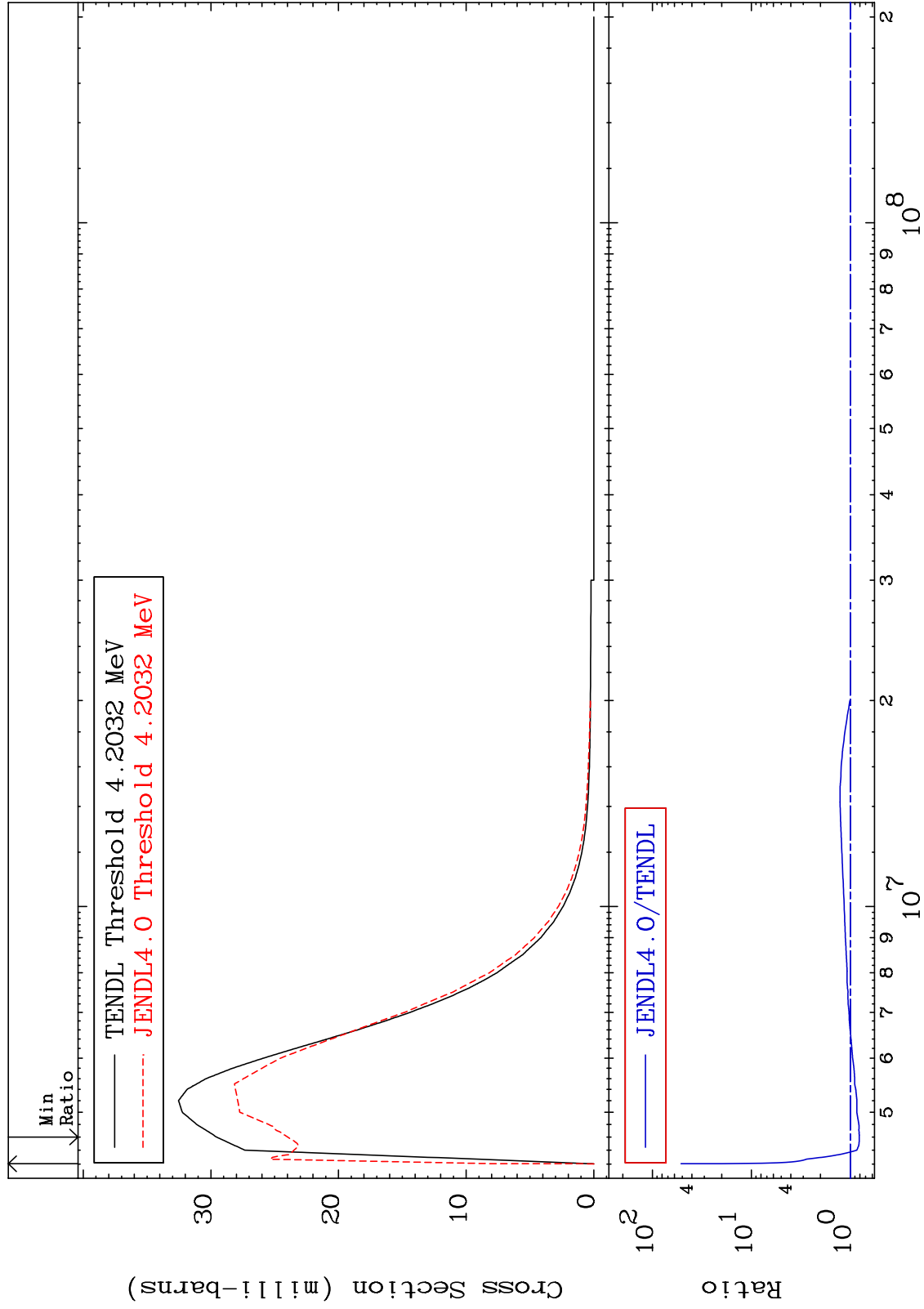
Incident Energy (eV)

24-Cr-54

MAT 2437

MT= 74 (n,n') Level
Cross Section

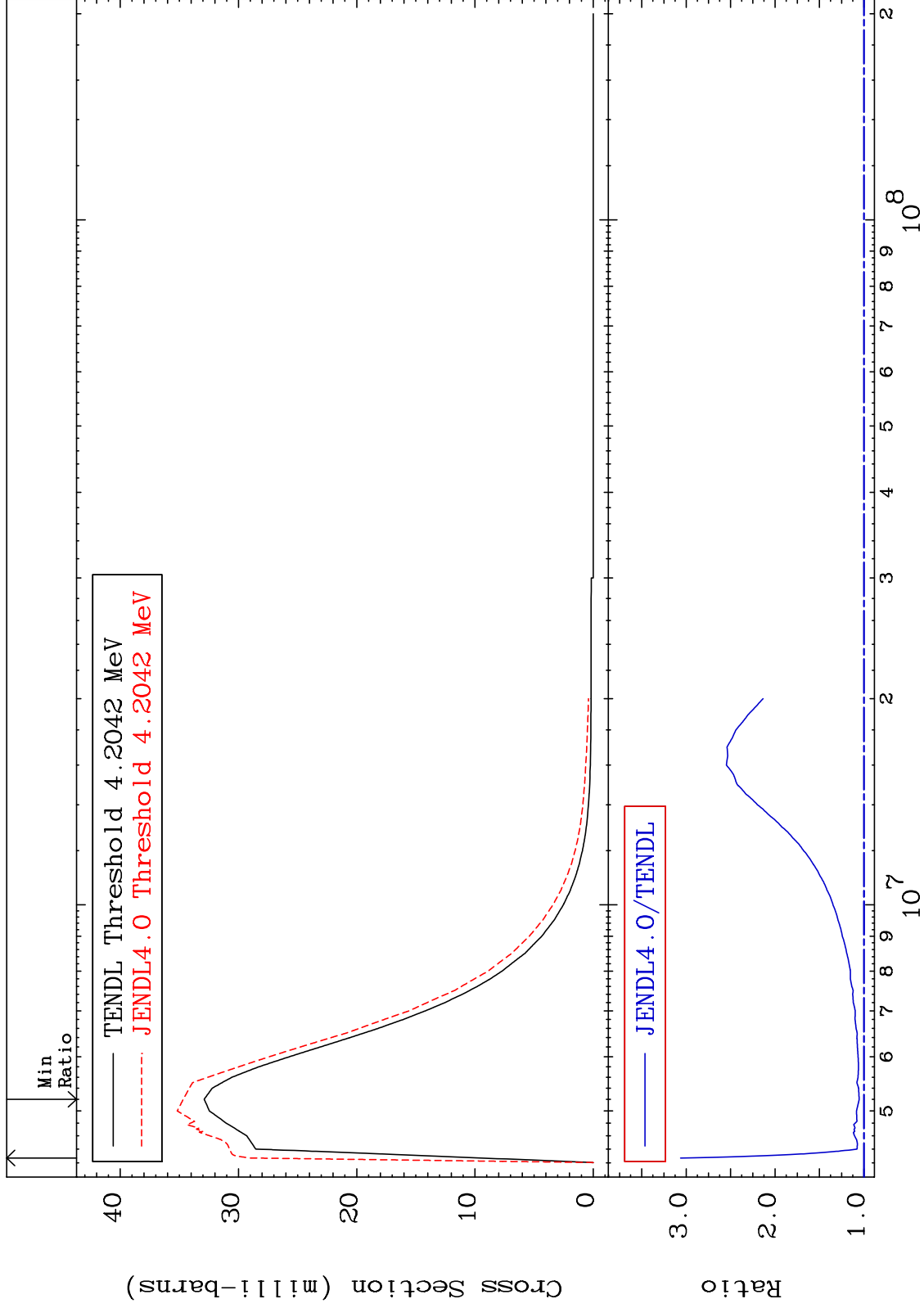
24-Cr-54
-18.84 To 5049. %



MAT 2437

MT= 75 (n,n') Level
Cross Section

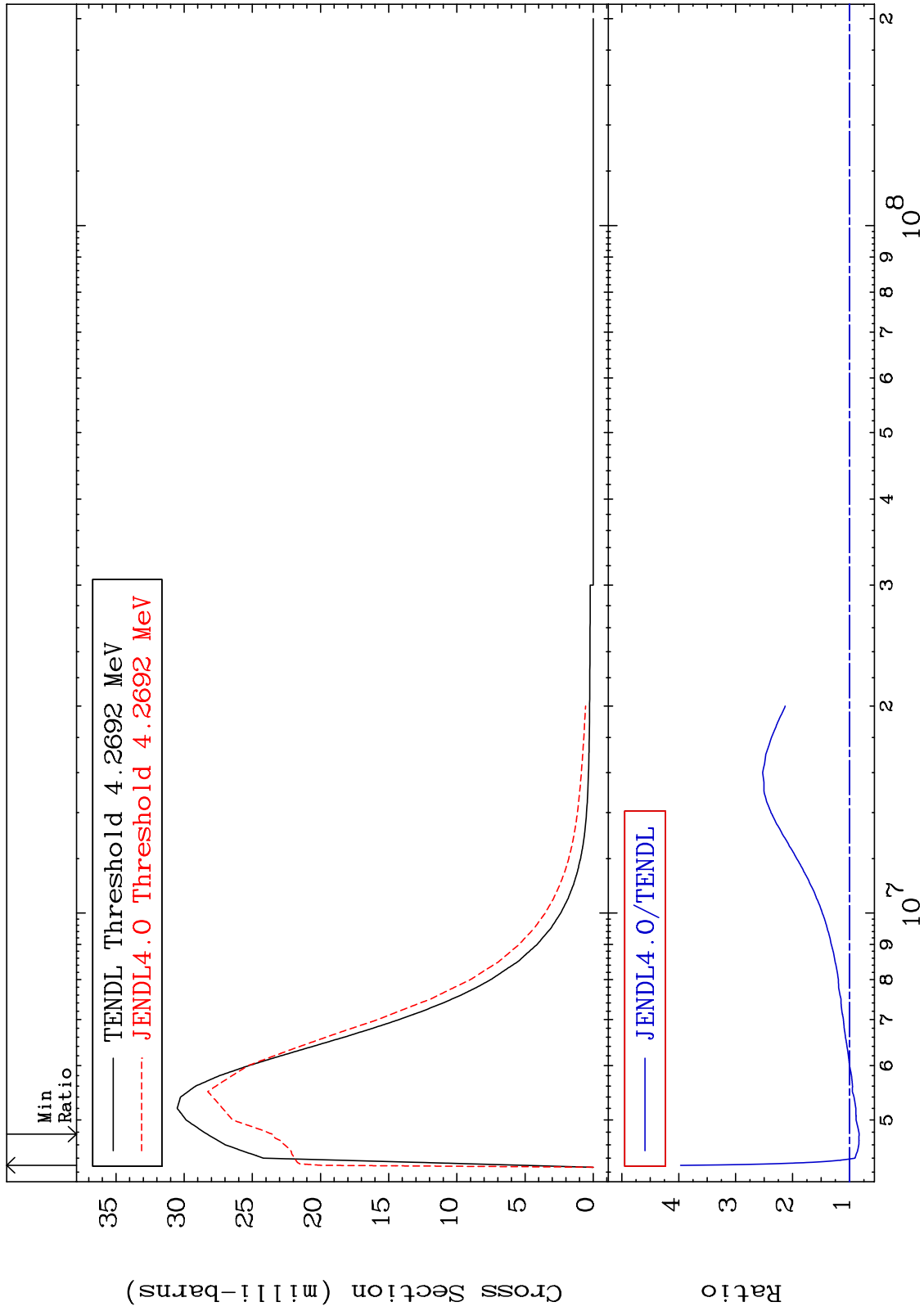
24-Cr-54
5.347 To 206.3 %



MAT 2437

MT= 76 (n,n') Level
Cross Section

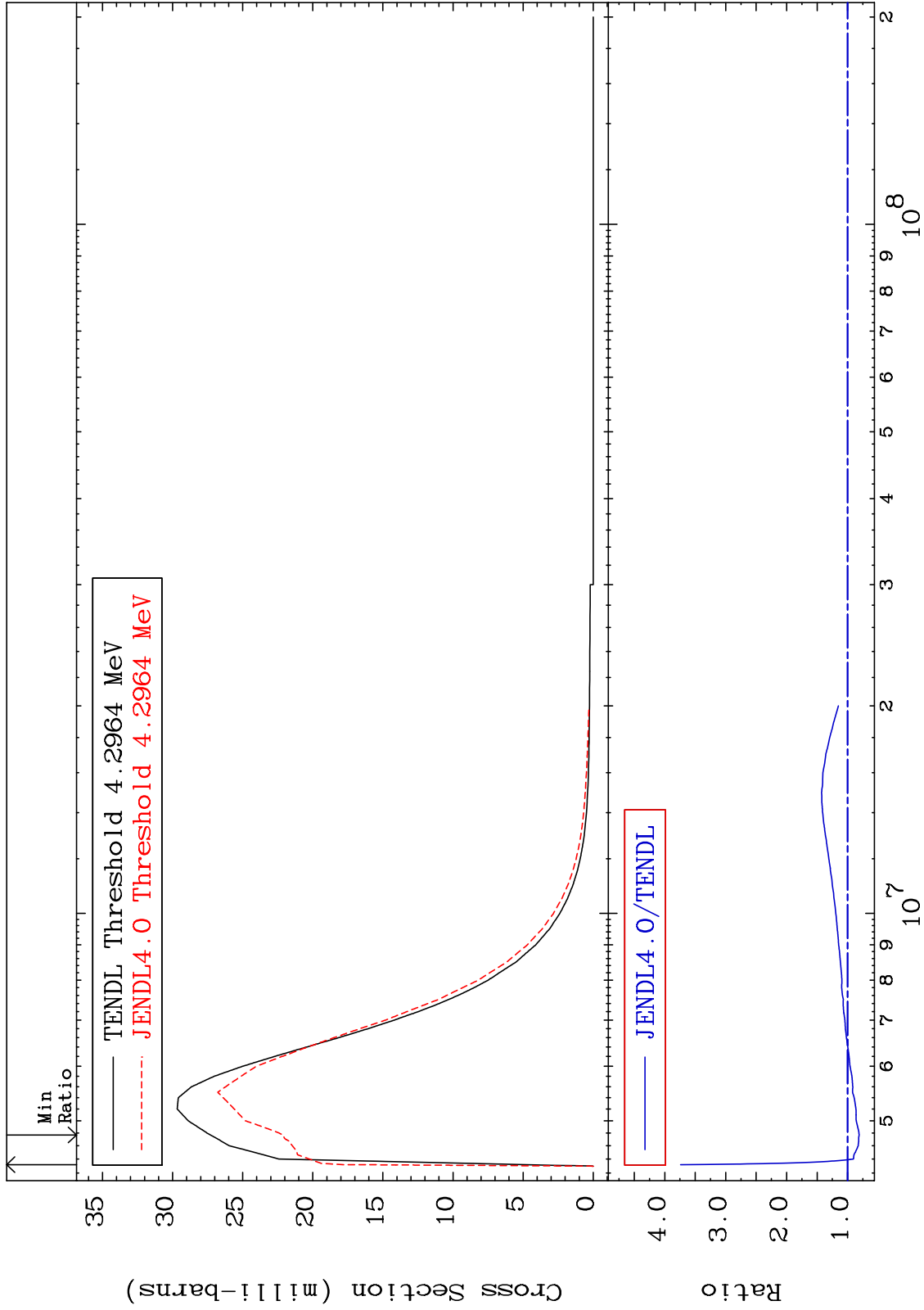
24-Cr-54
-16.83 To 296.7 %



MAT 2437

MT= 77 (n,n') Level
Cross Section

24-Cr-54
-19.00 To 274.0 %



34

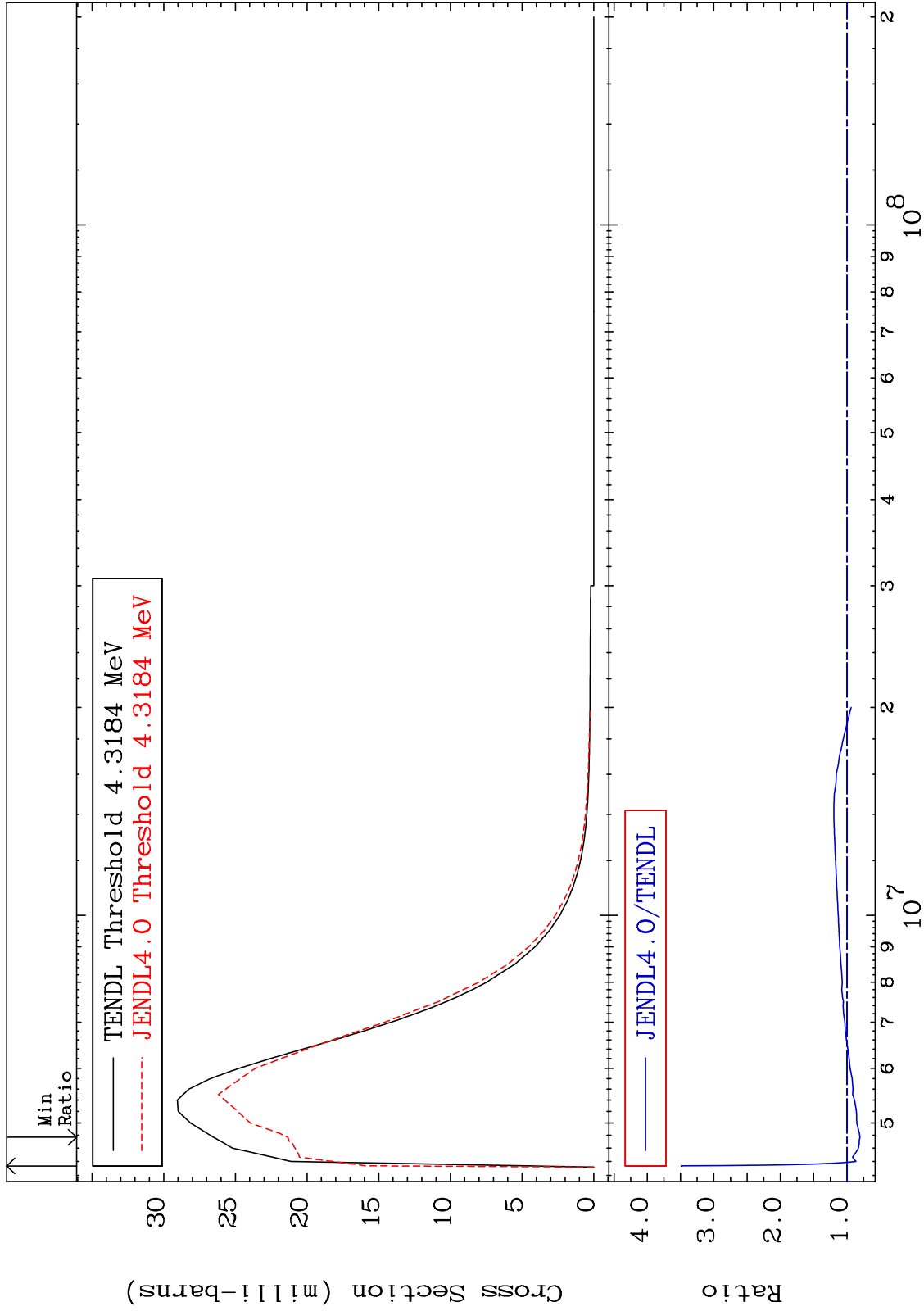
Incident Energy (eV)

24-Cr-54

MAT 2437

MT= 78 (n,n') Level
Cross Section

24-Cr-54
-19.55 To 249.0 %



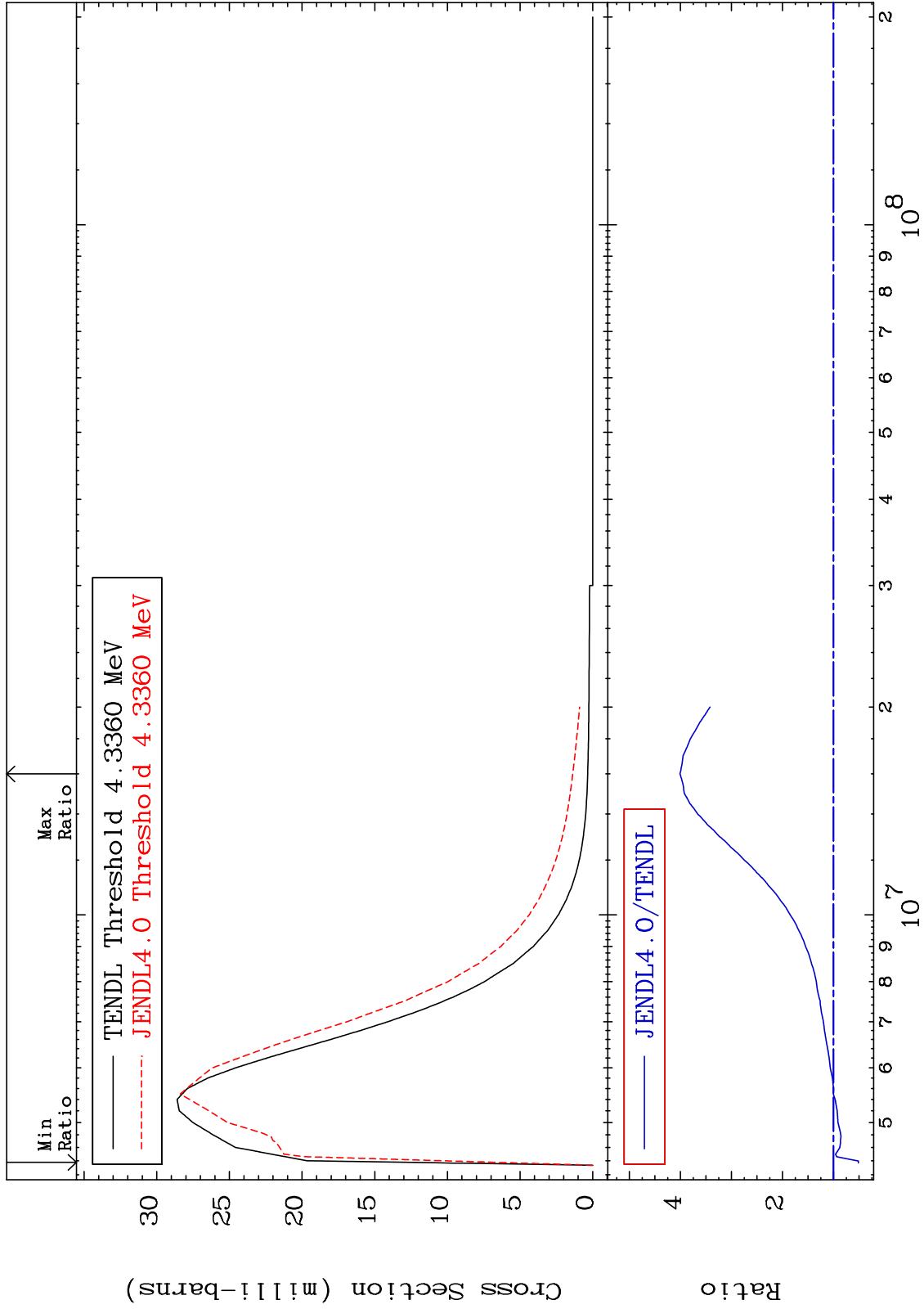
35

24-Cr-54

MAT 2437

MT= 79 (n,n') Level
Cross Section

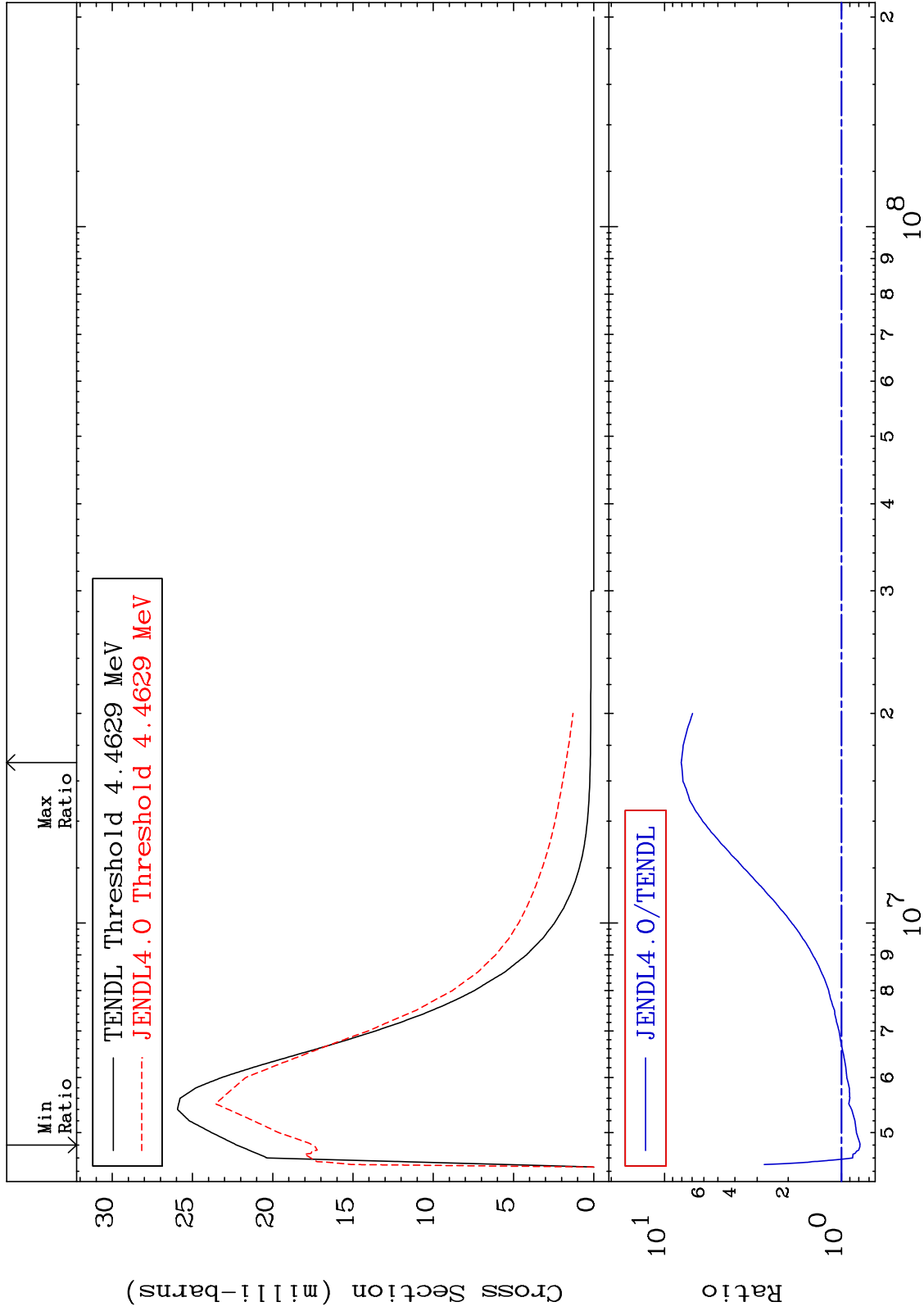
24-Cr-54
-48.72 To 300.9 %



MAT 2437

MT= 80 (n,n') Level
Cross Section

24-Cr-54
-21.18 To 705.0 %



37

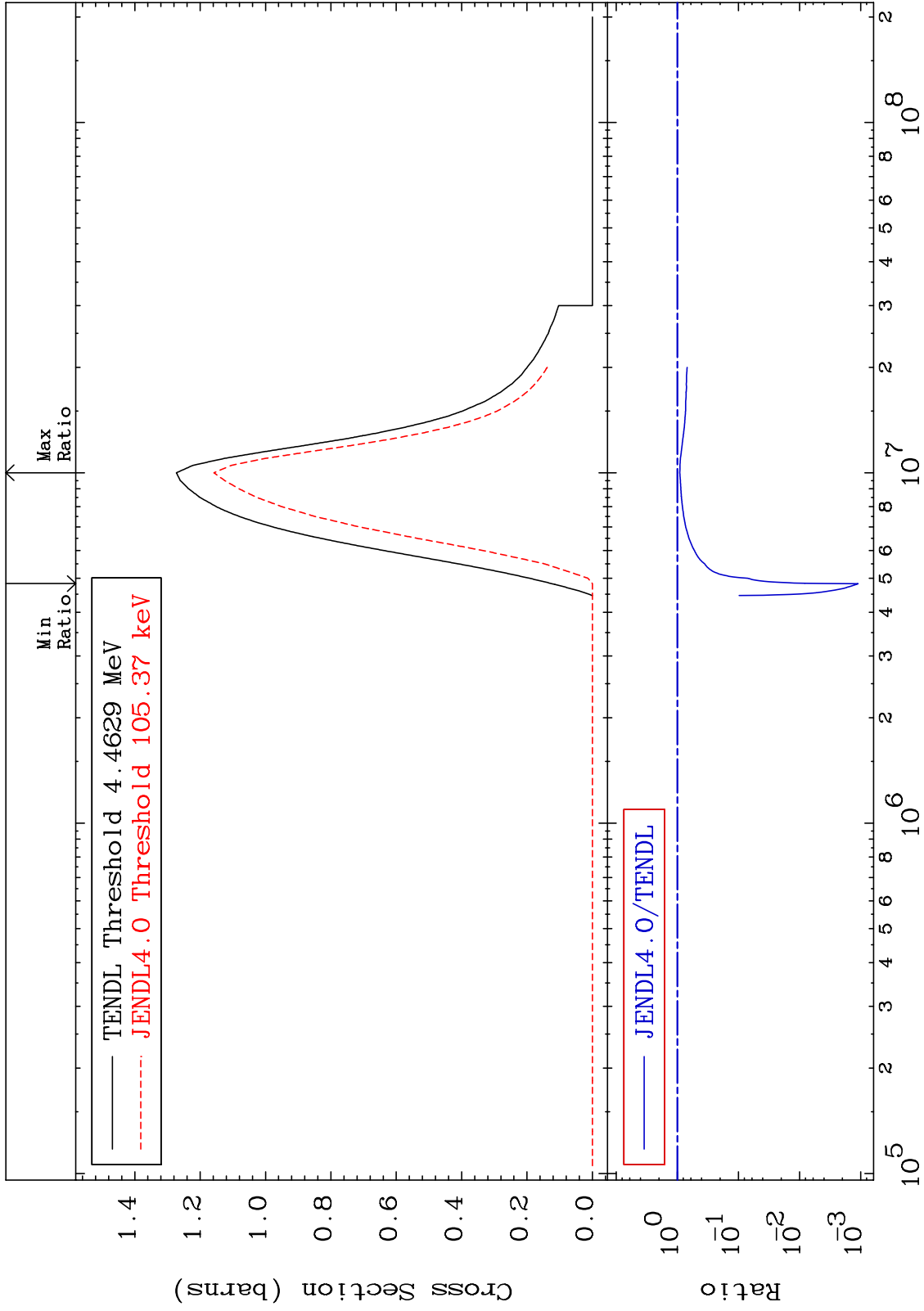
Incident Energy (eV)

24-Cr-54

MAT 2437

(n,n') Continuum
Cross Section

24-Cr-54
-99.89 To -8.998%



38

Incident Energy (eV)

24-Cr-54

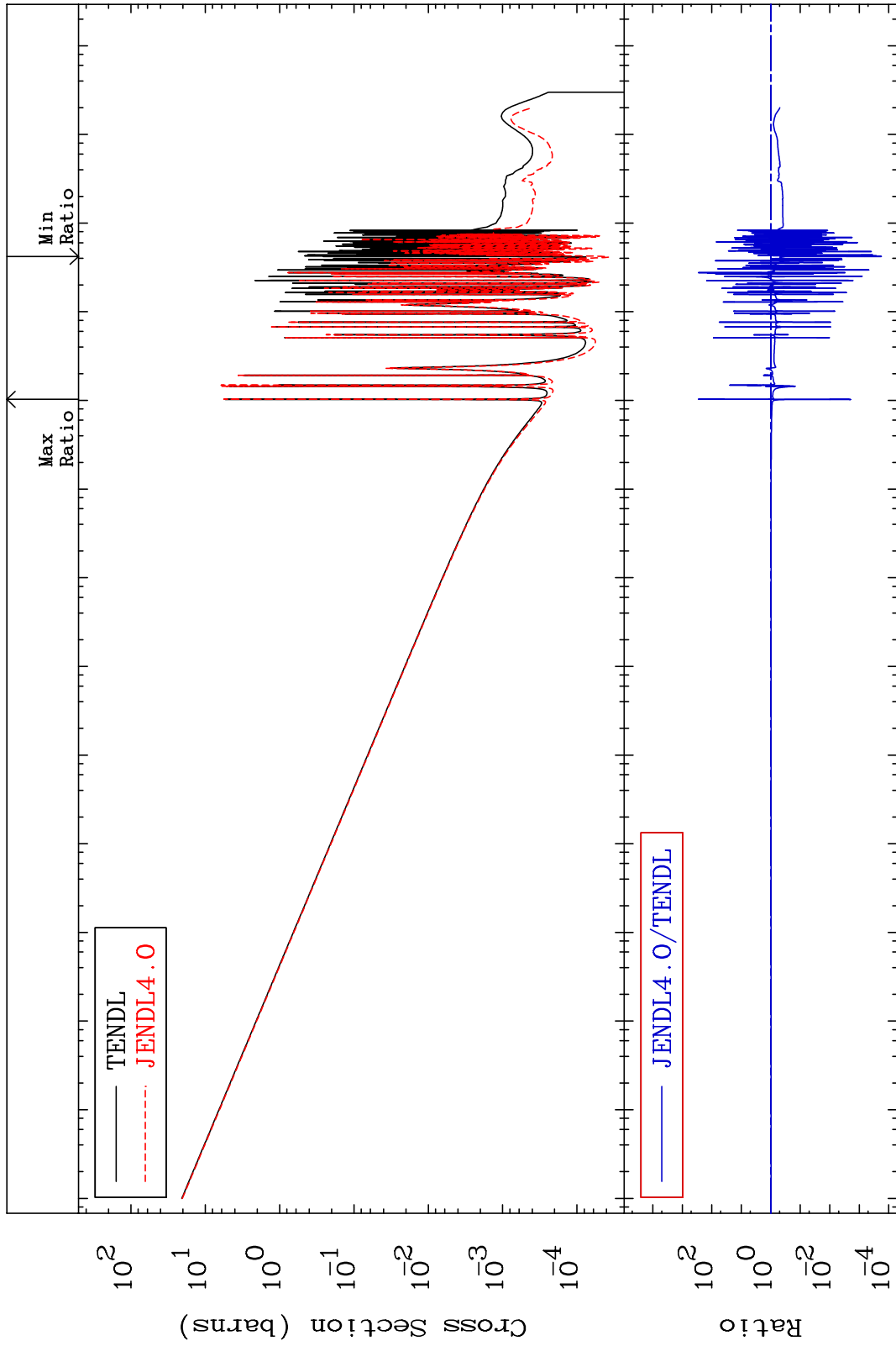
MAT 2437

(n, γ)

24-Cr-54

Cross Section

-99.98 To 9999. %



Incident Energy (eV)

24-Cr-54

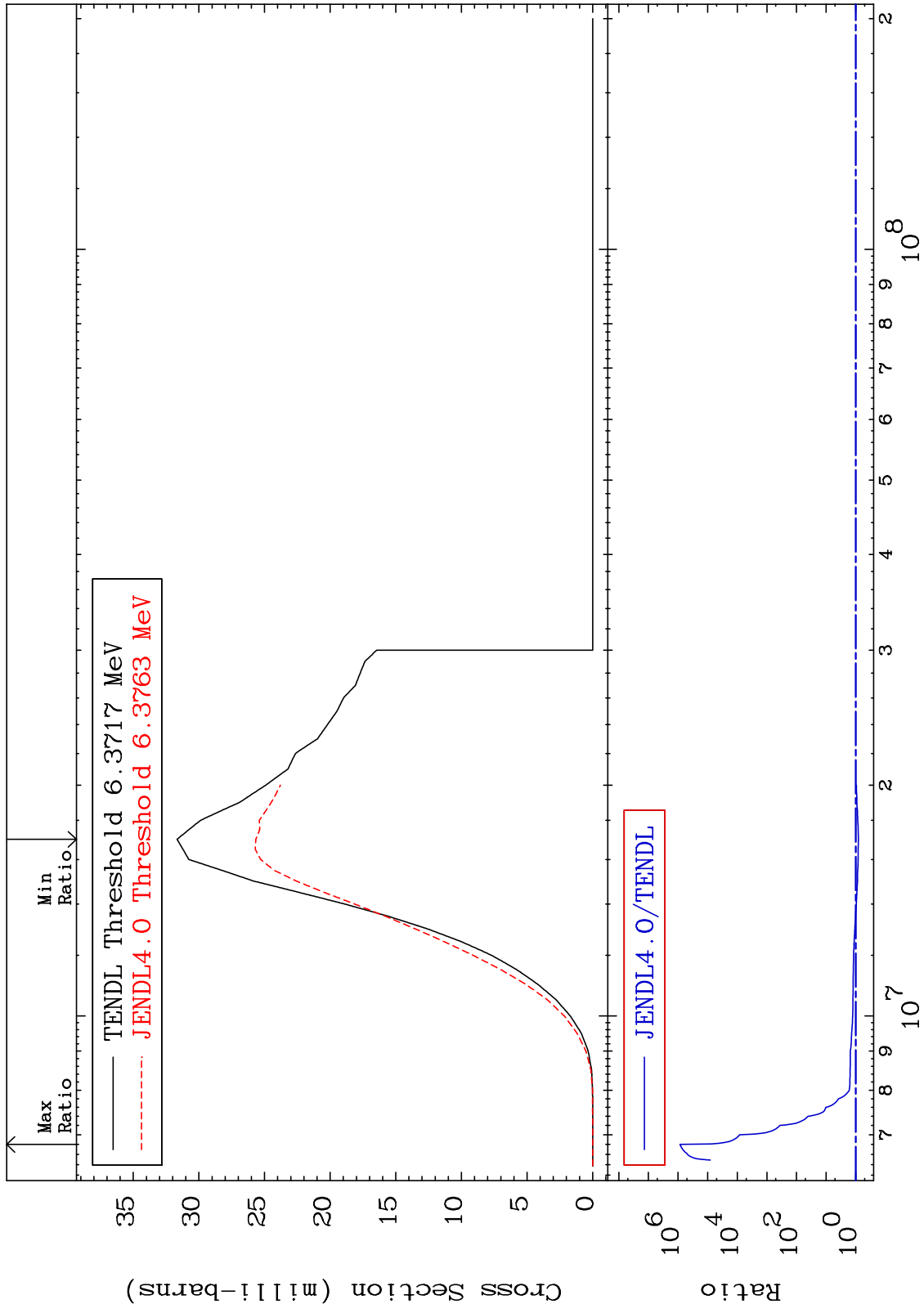
MAT 2437

(n,p)

24-Cr-54

Cross Section

-18.95 To 9999. %



40

Incident Energy (eV)

24-Cr-54

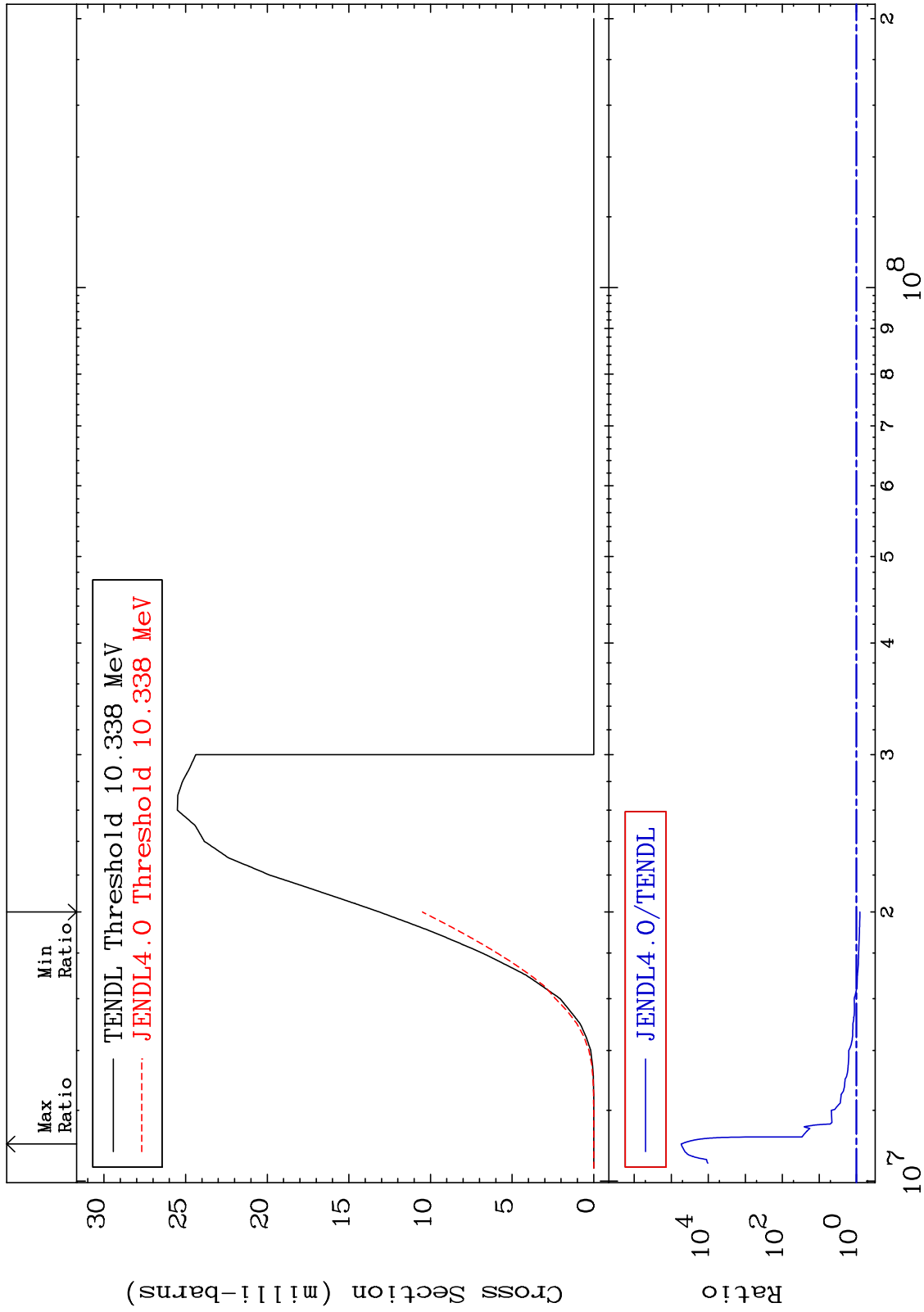
MAT 2437

(n,d)

24-Cr-54

Cross Section

-20.02 To 9999. %



24-Cr-54

Incident Energy (eV)

41

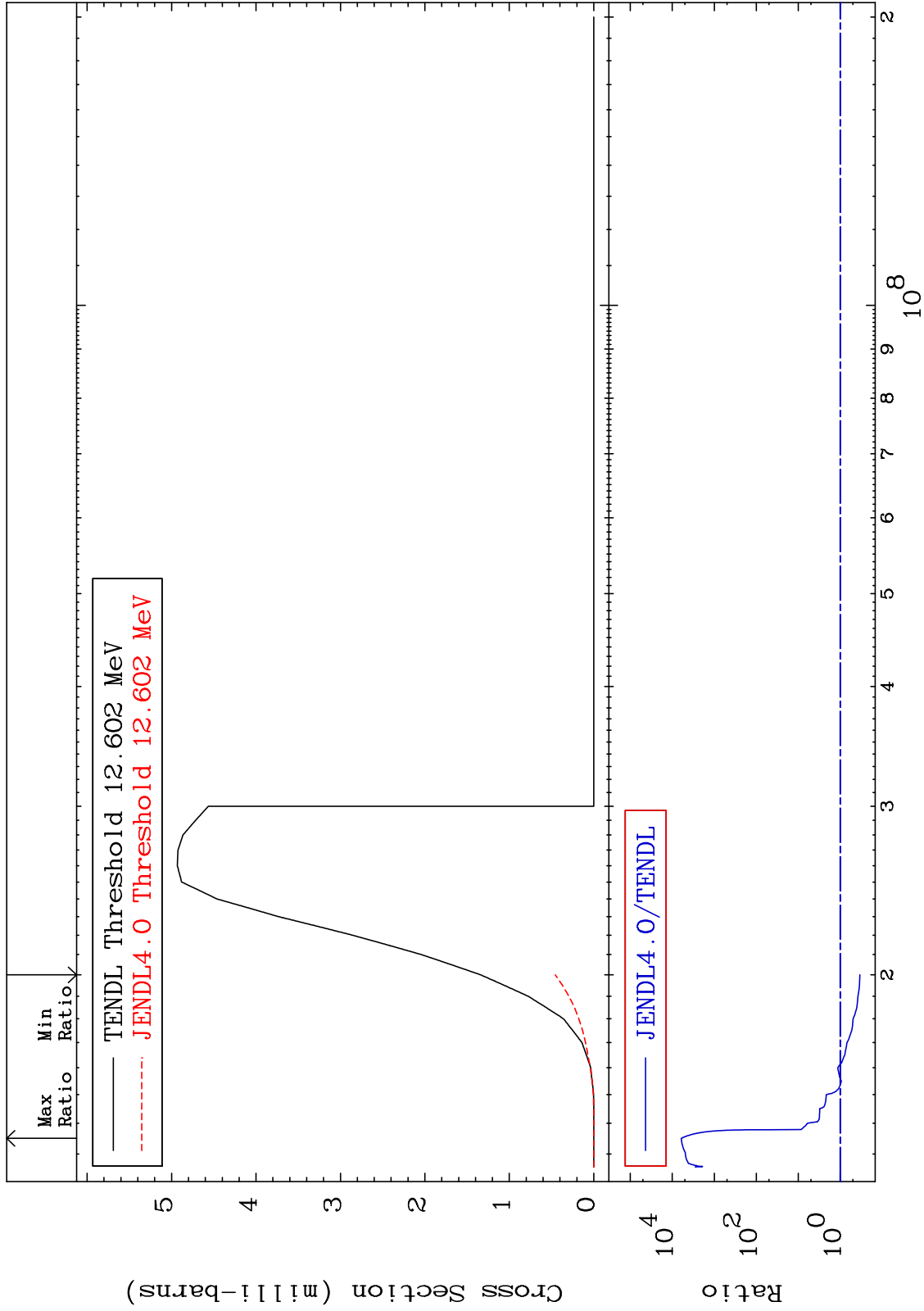
MAT 2437

(n, t)

24-Cr-54

Cross Section

-65.94 To 9999. %



42

Incident Energy (eV)

24-Cr-54

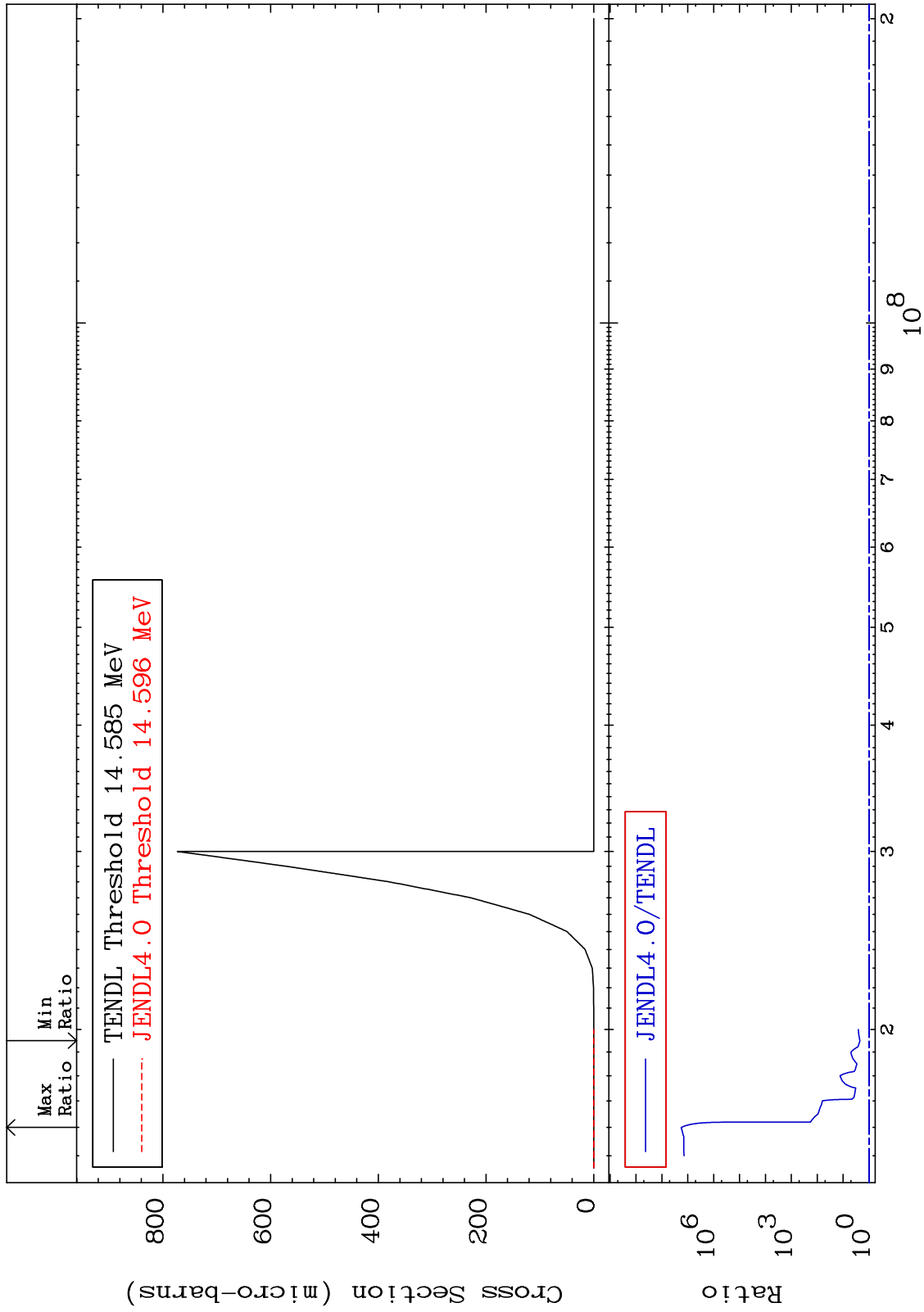
MAT 2437

(n, He-3)

24-Cr-54

Cross Section

125.3 To 9999. %



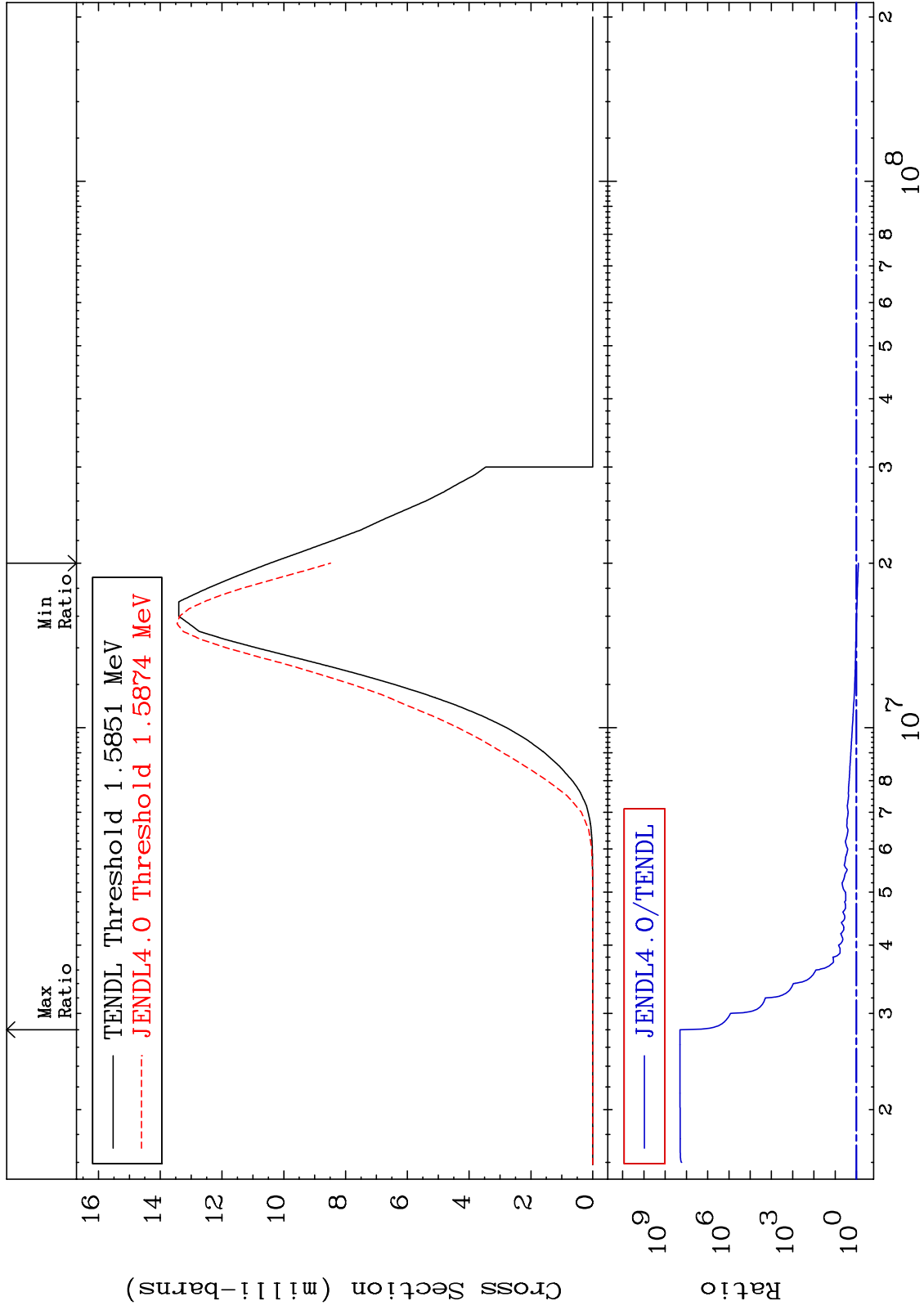
MAT 2437

(n, α)

24-Cr-54

Cross Section

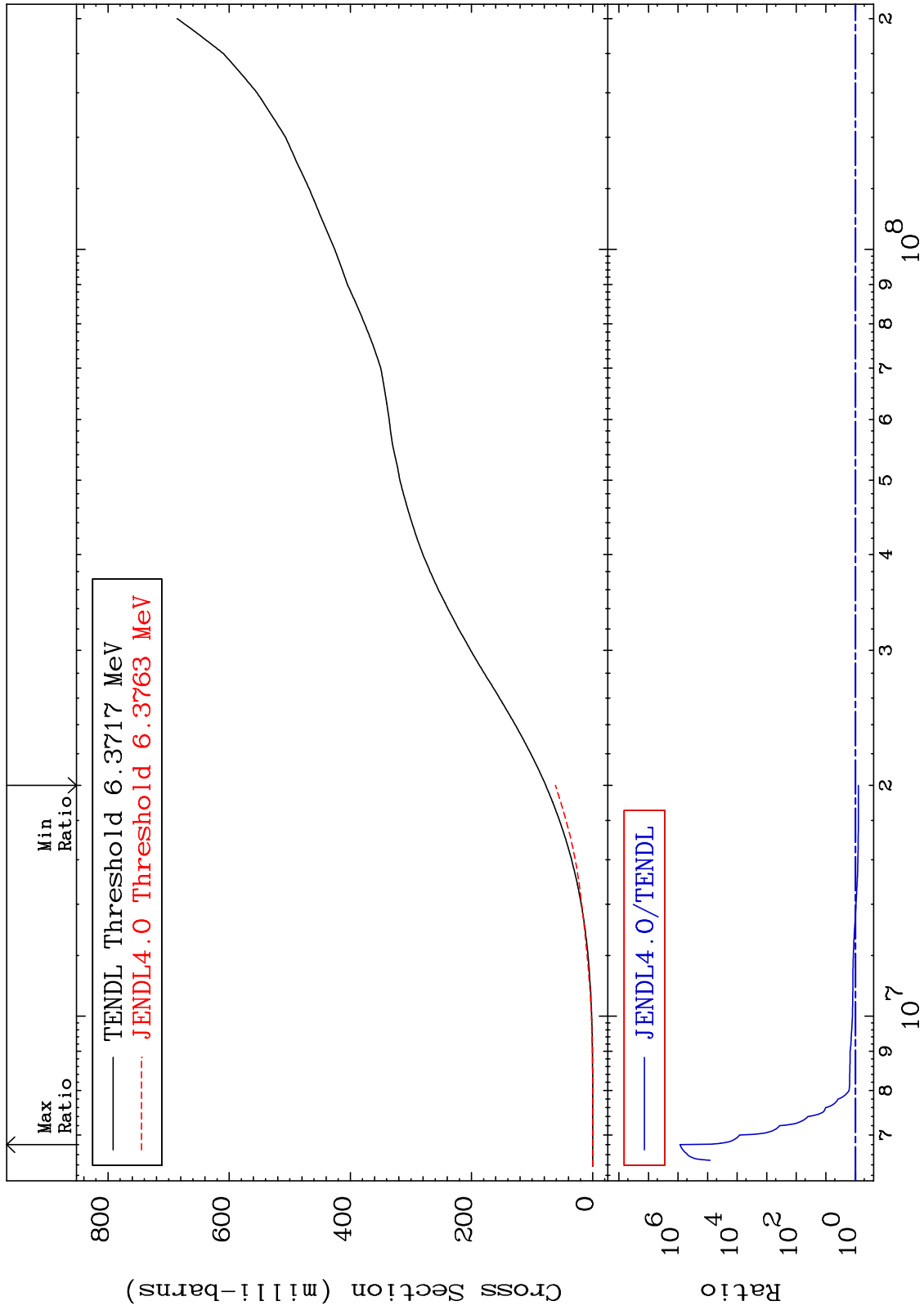
-18.78 To 9999. %



MAT 2437

Hydrogen Production
Cross Section

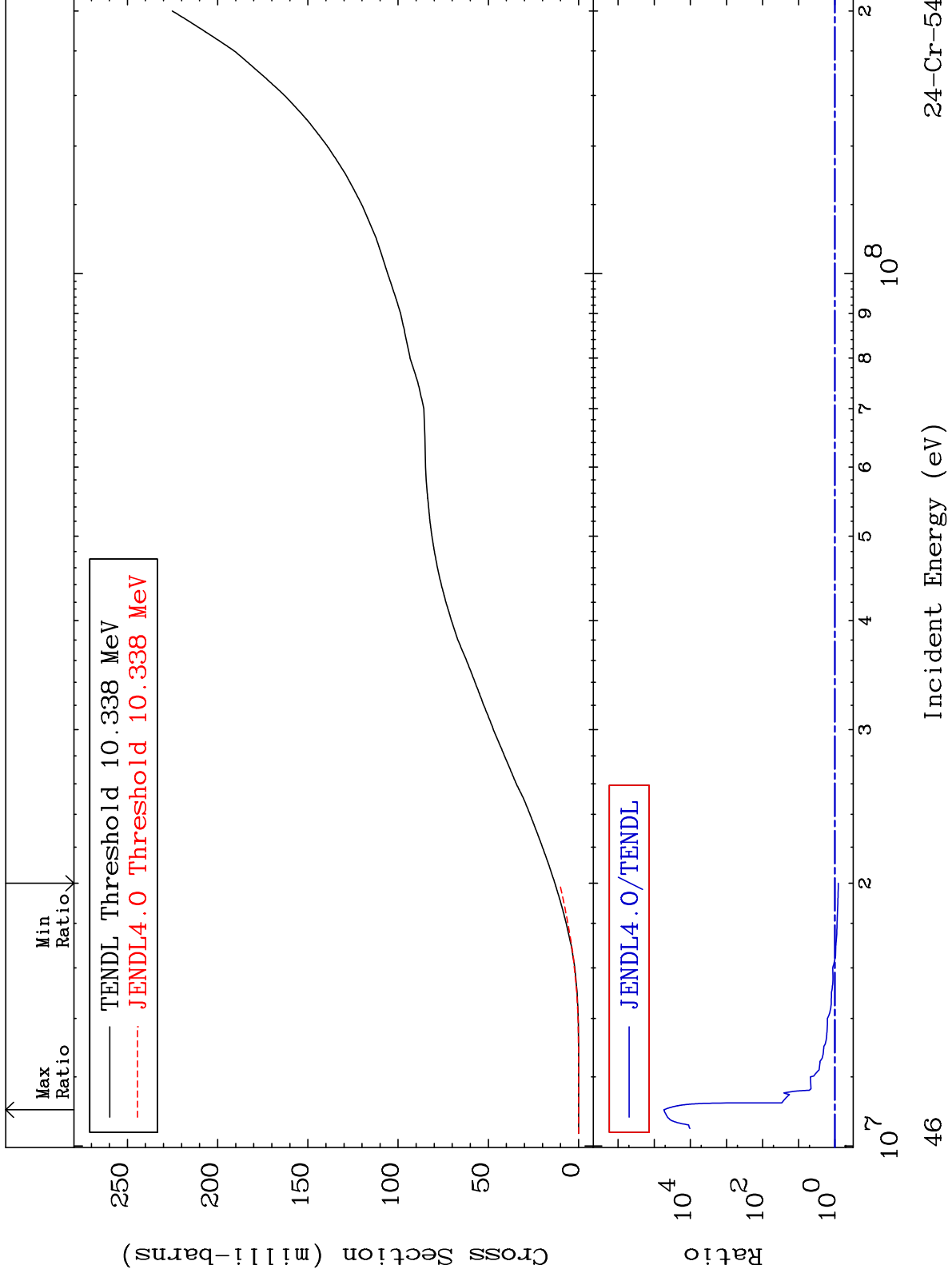
24-Cr-54
-20.63 To 9999. %



MAT 2437

Deuterium Production
Cross Section

24-Cr-54
-20.02 To 9999. %



46

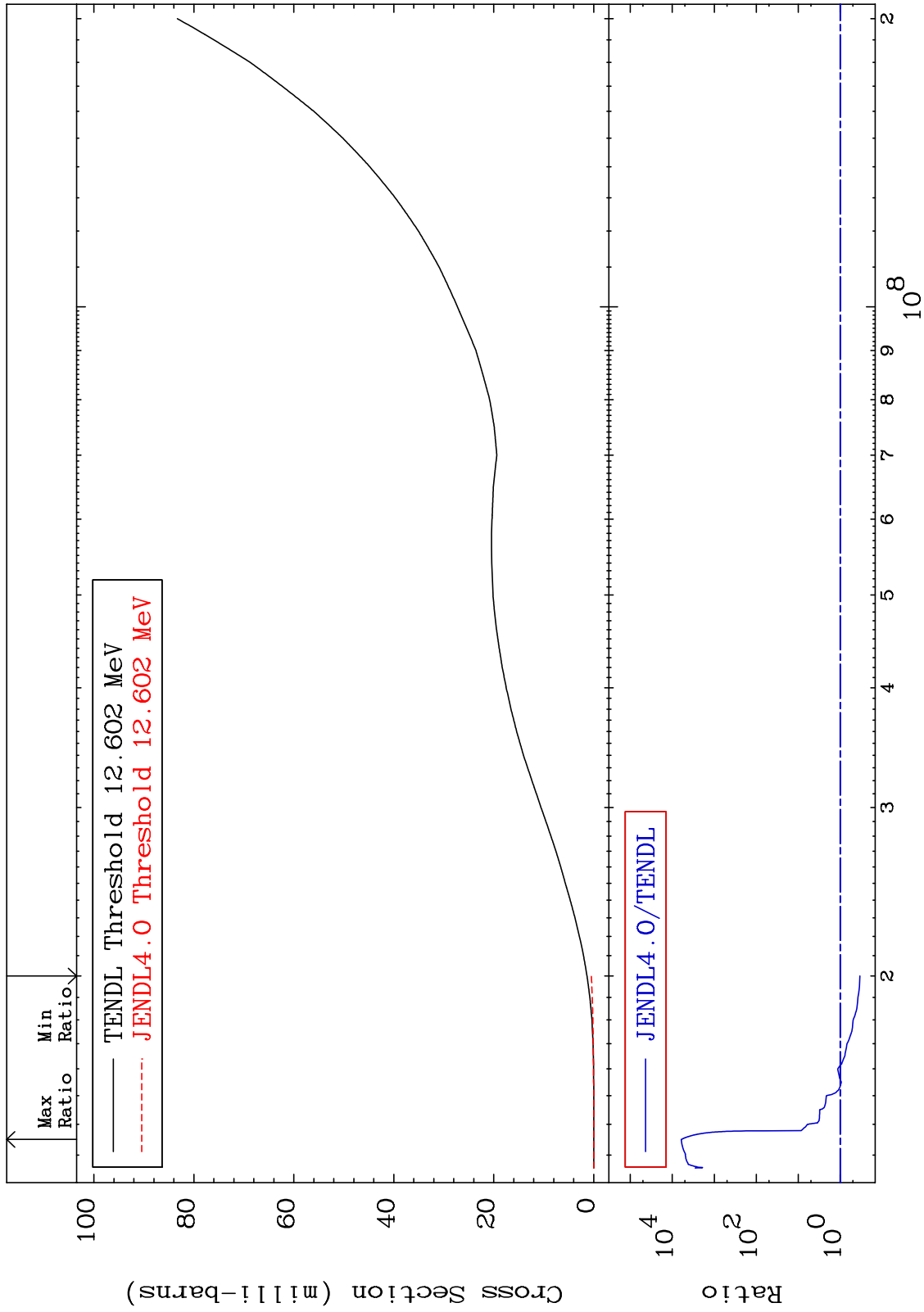
Incident Energy (eV)

24-Cr-54

MAT 2437

Tritium Production
Cross Section

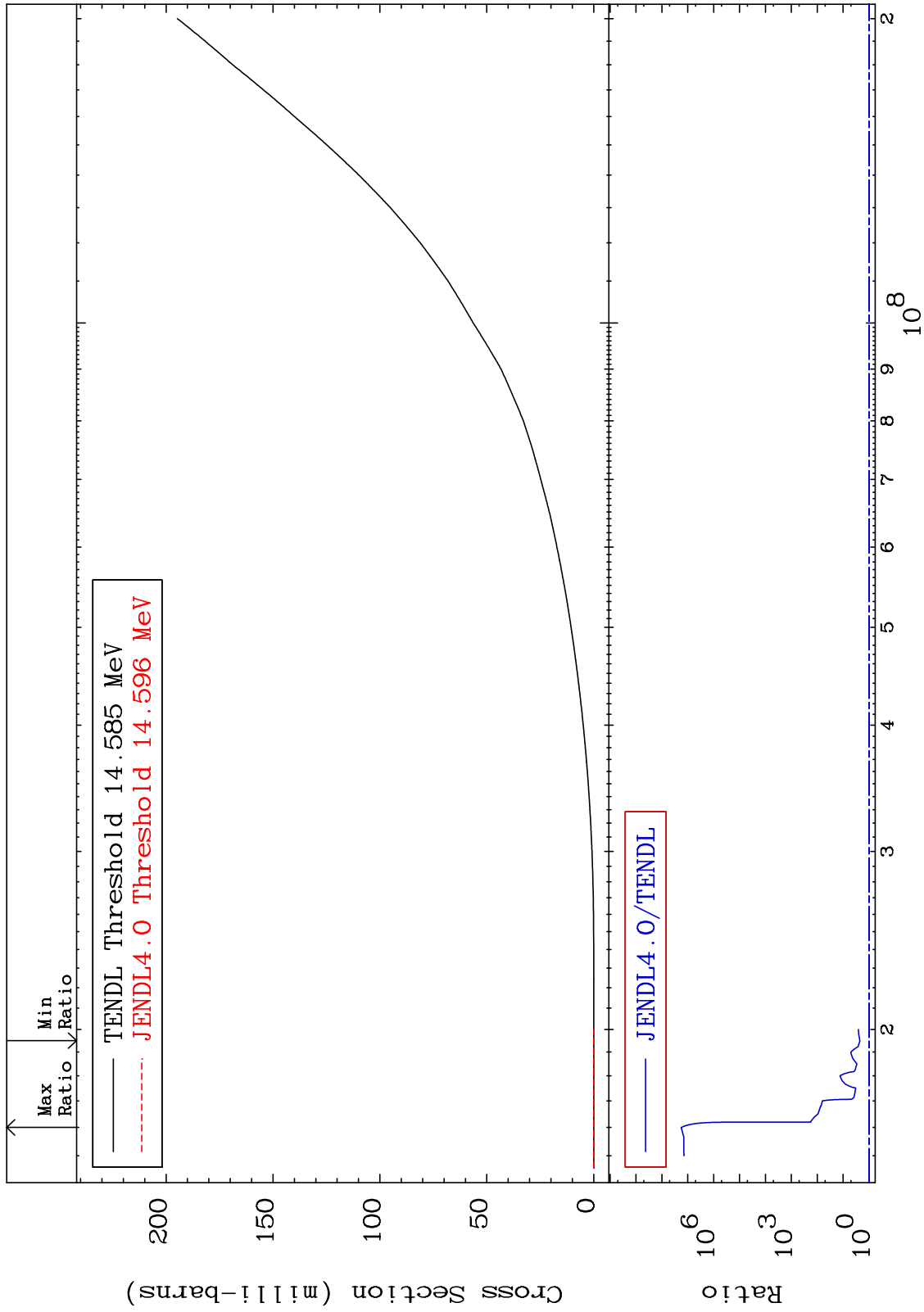
²⁴Cr-54
-65.94 To 9999. %



MAT 2437

He-3 Production
Cross Section

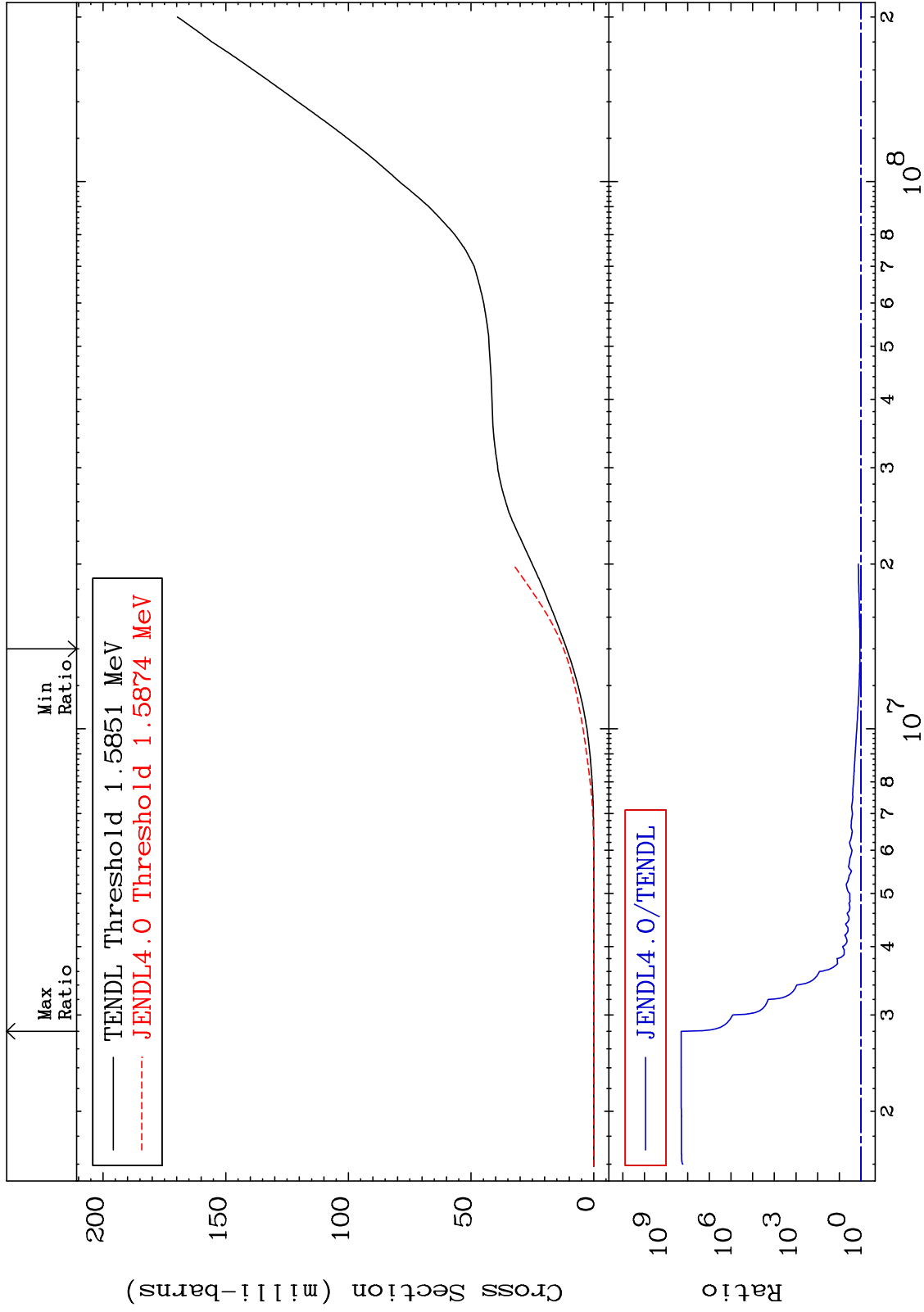
24-Cr-54
125.3 To 9999. %



MAT 2437

He-4 Production
Cross Section

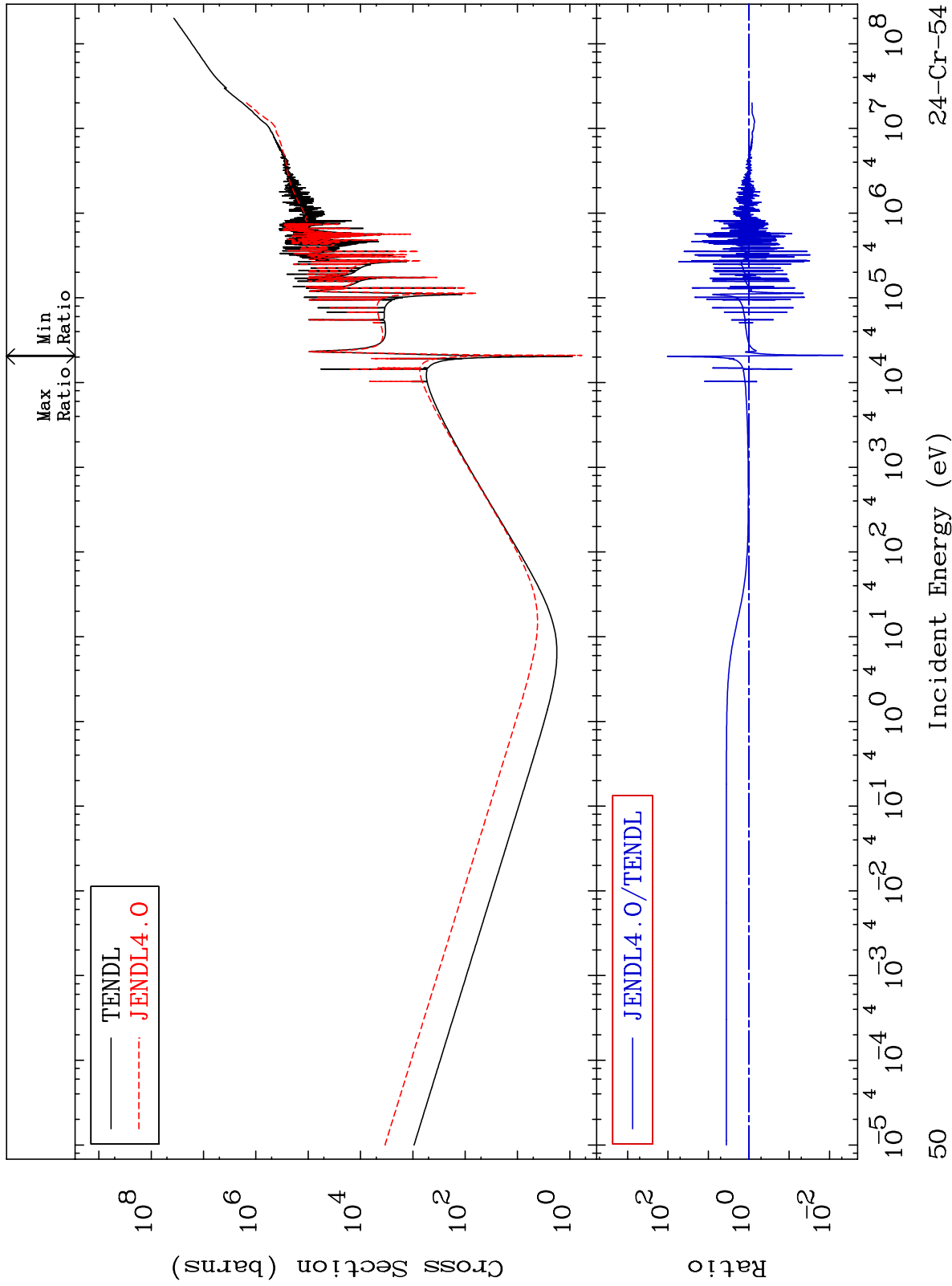
24-Cr-54
11.45 To 9999. %



MAT 2437

Kerma total (eV-barns)
Cross Section

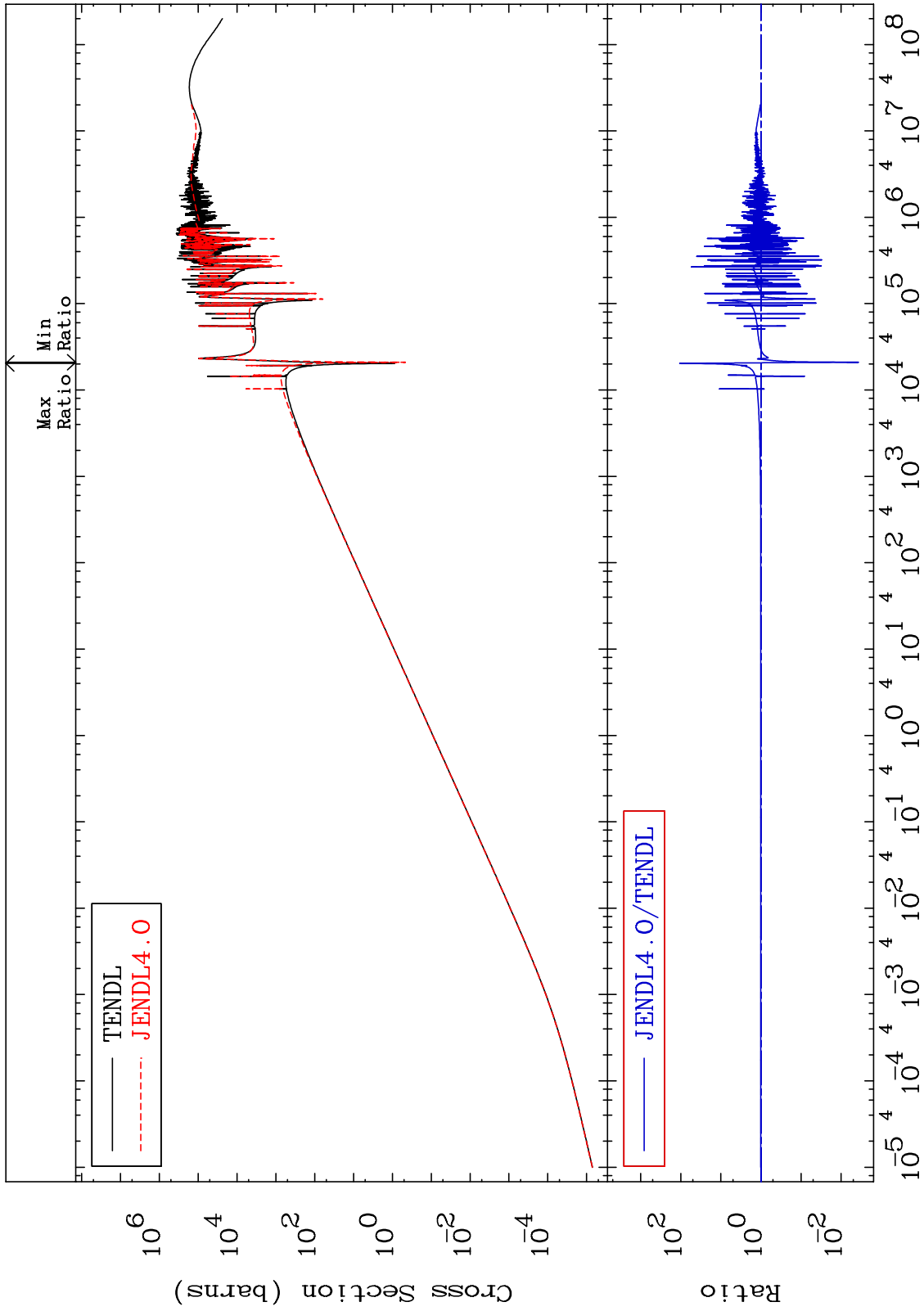
24-Cr-54
-99.53 To 9999. %



MAT 2437

Kerma elastic
Cross Section

24-Cr-54
-99.63 To 9999. %



51

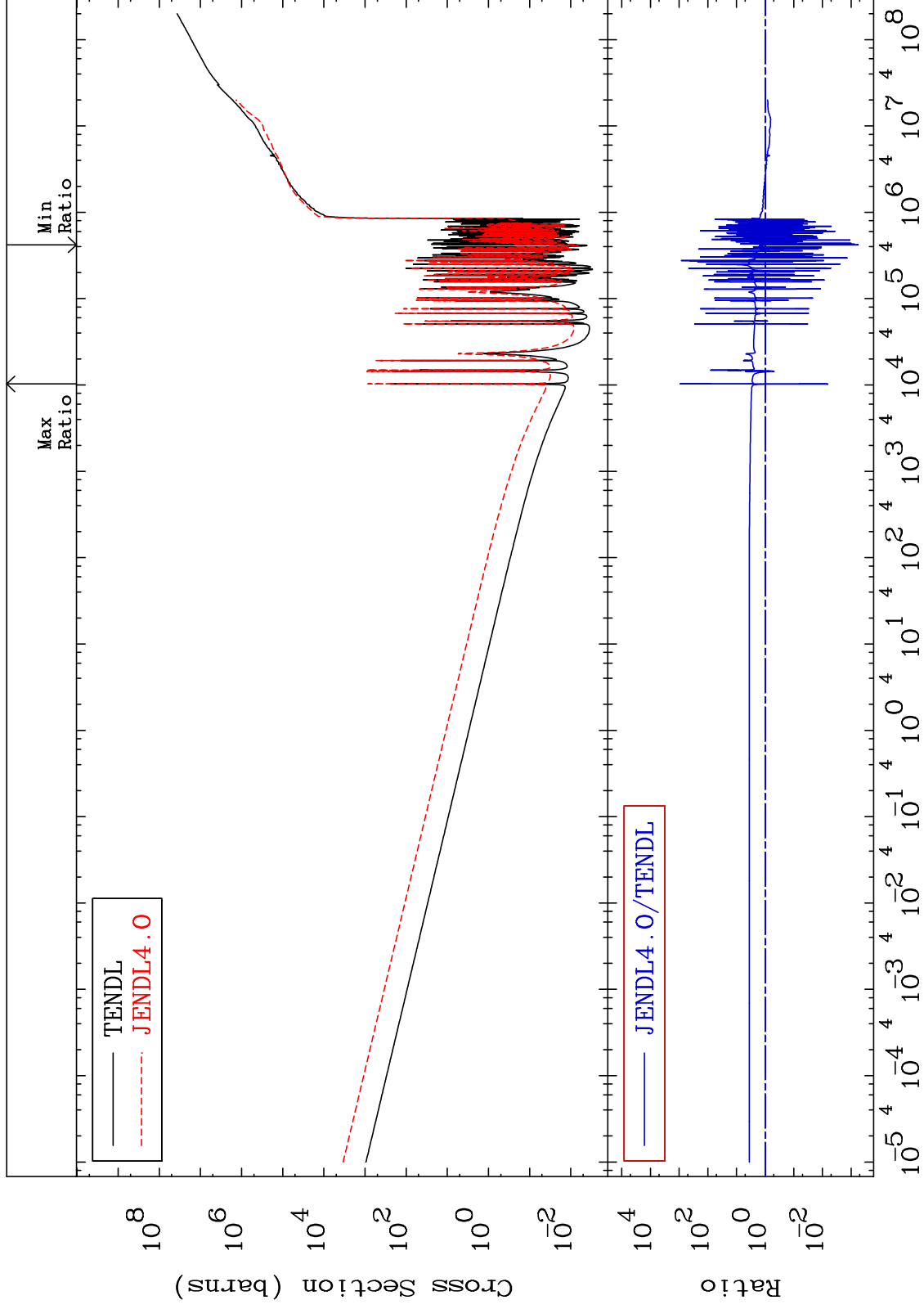
Incident Energy (eV)

24-Cr-54

MAT 2437

Kerma non-elastic (all but mt2)
Cross Section

24-Cr-54
-99.94 To 9999. %



52

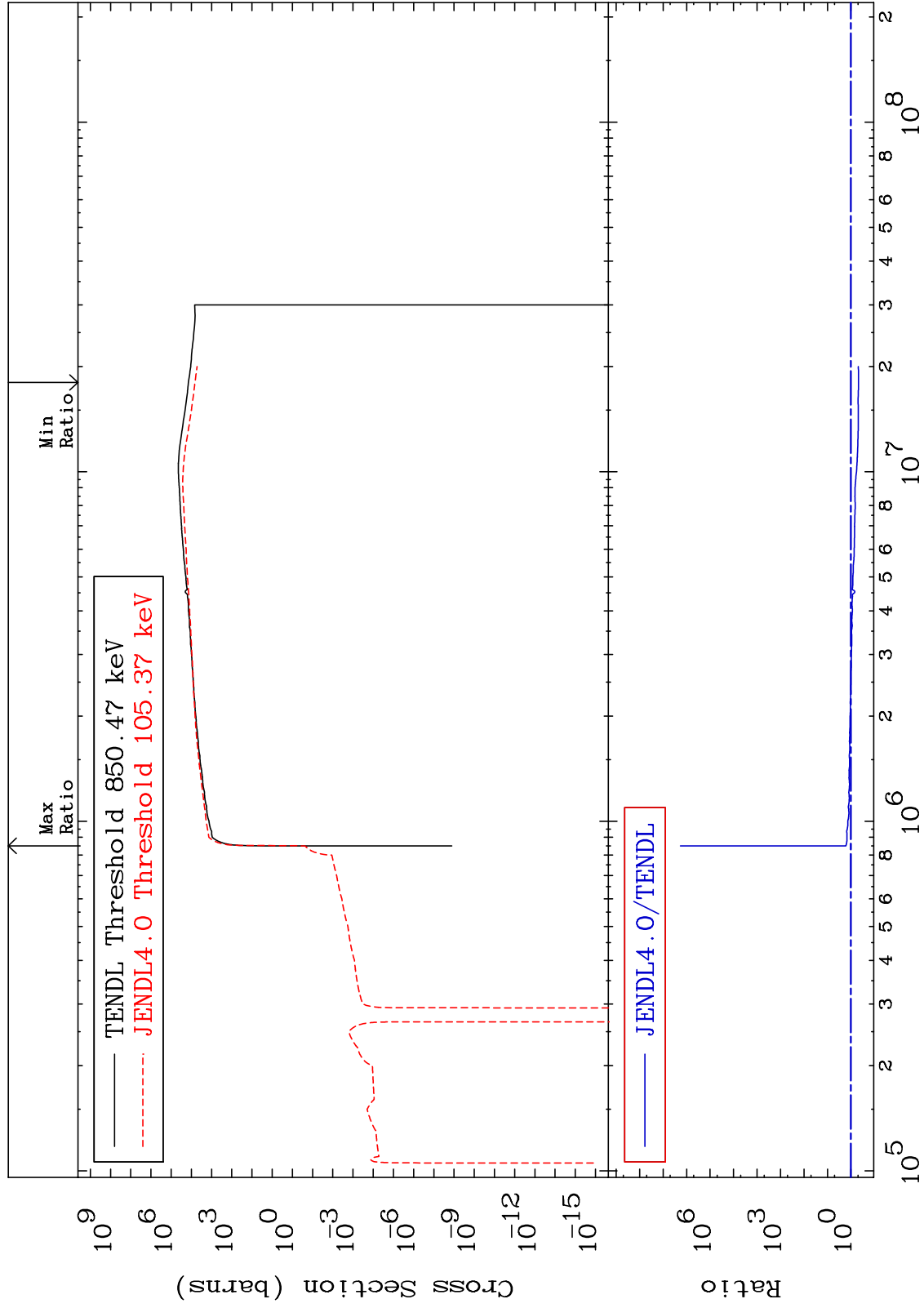
Incident Energy (eV)

24-Cr-54

MAT 2437

Kerma inelastic (mt51-91)
Cross Section

24-Cr-54
-52.50 To 9999. %



53

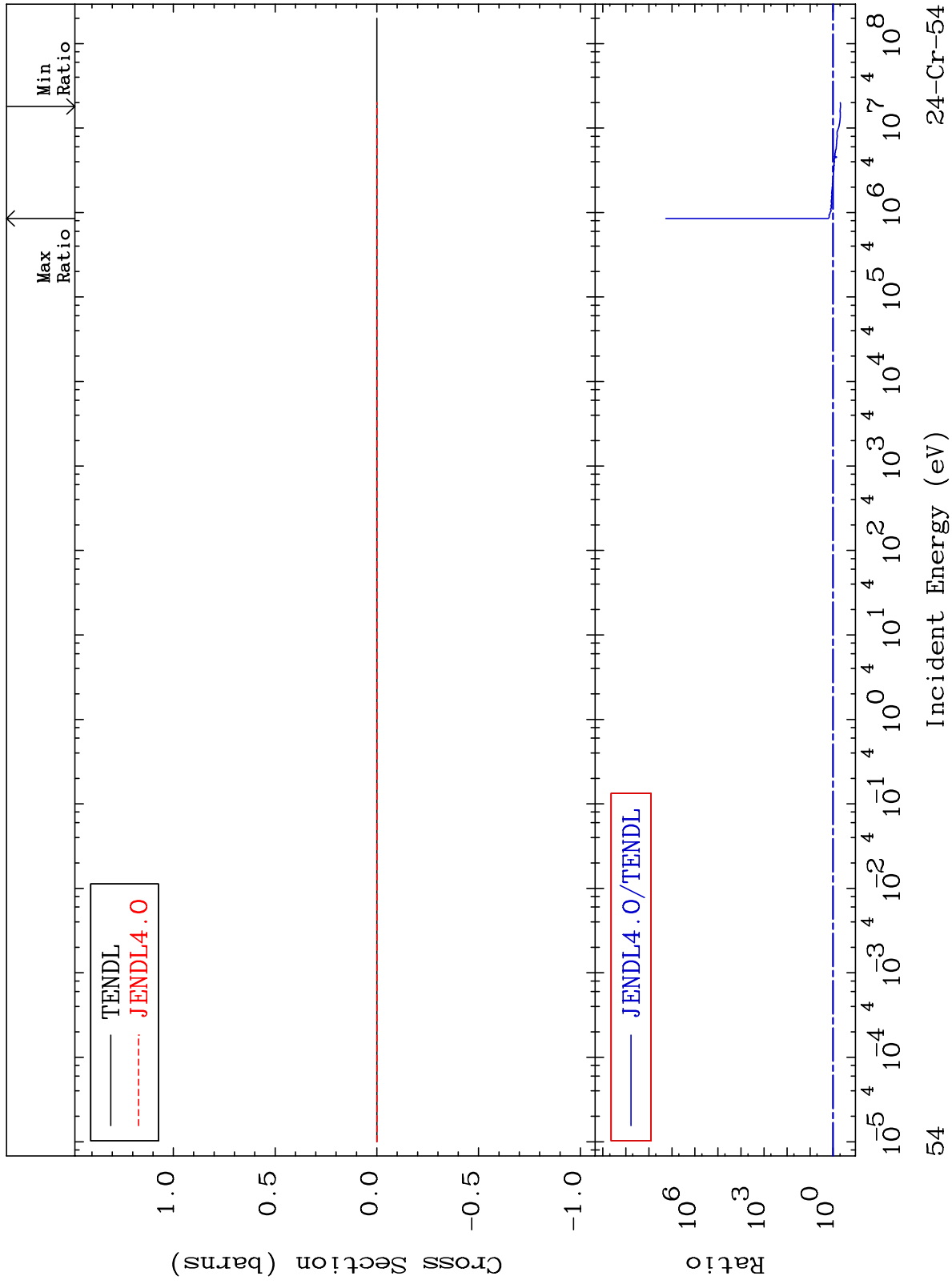
Incident Energy (eV)

24-Cr-54

MAT 2437

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

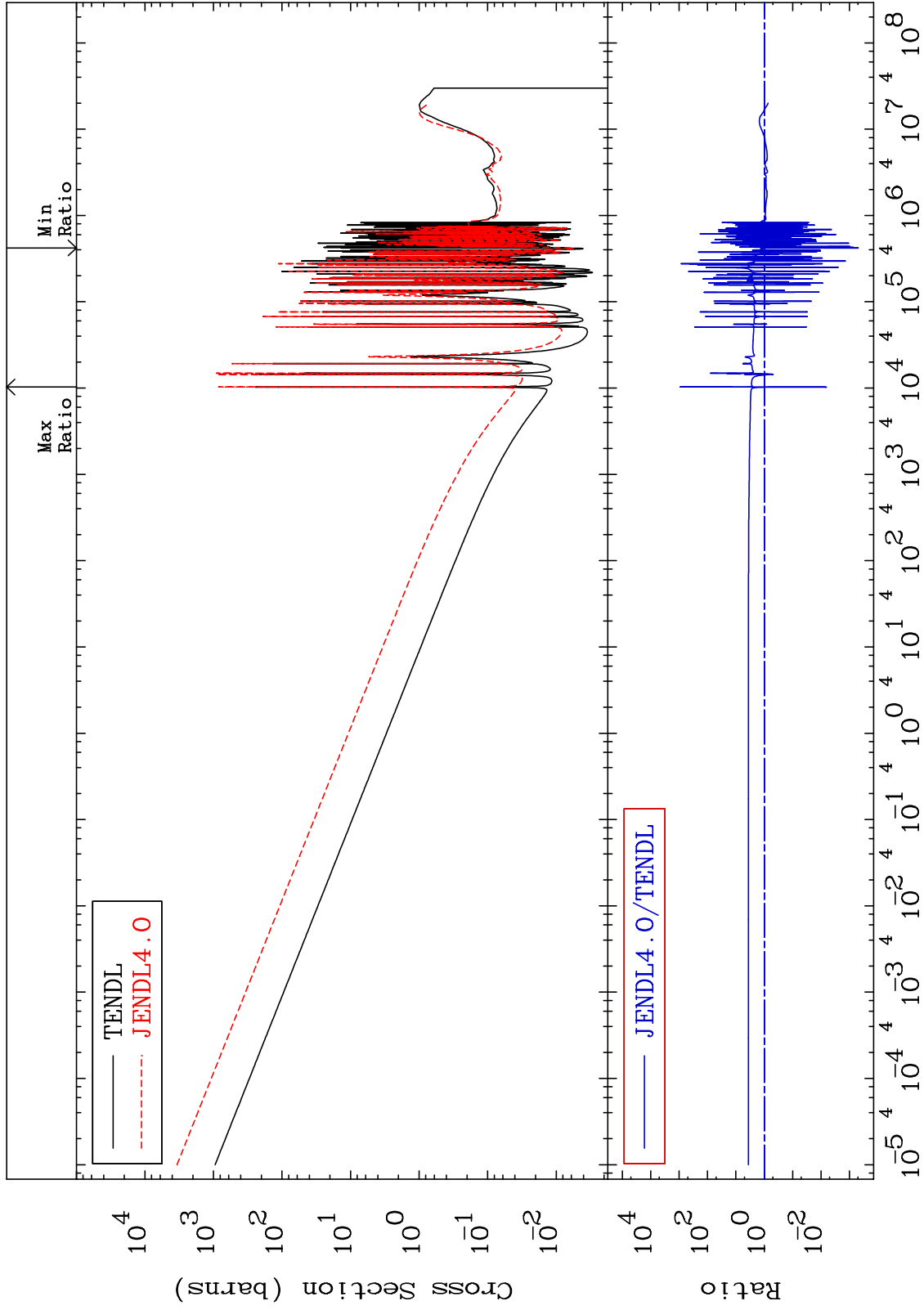
24-Cr-54
-52.50 To 9999. %



MAT 2437

Kerma capture (mt102)
Cross Section

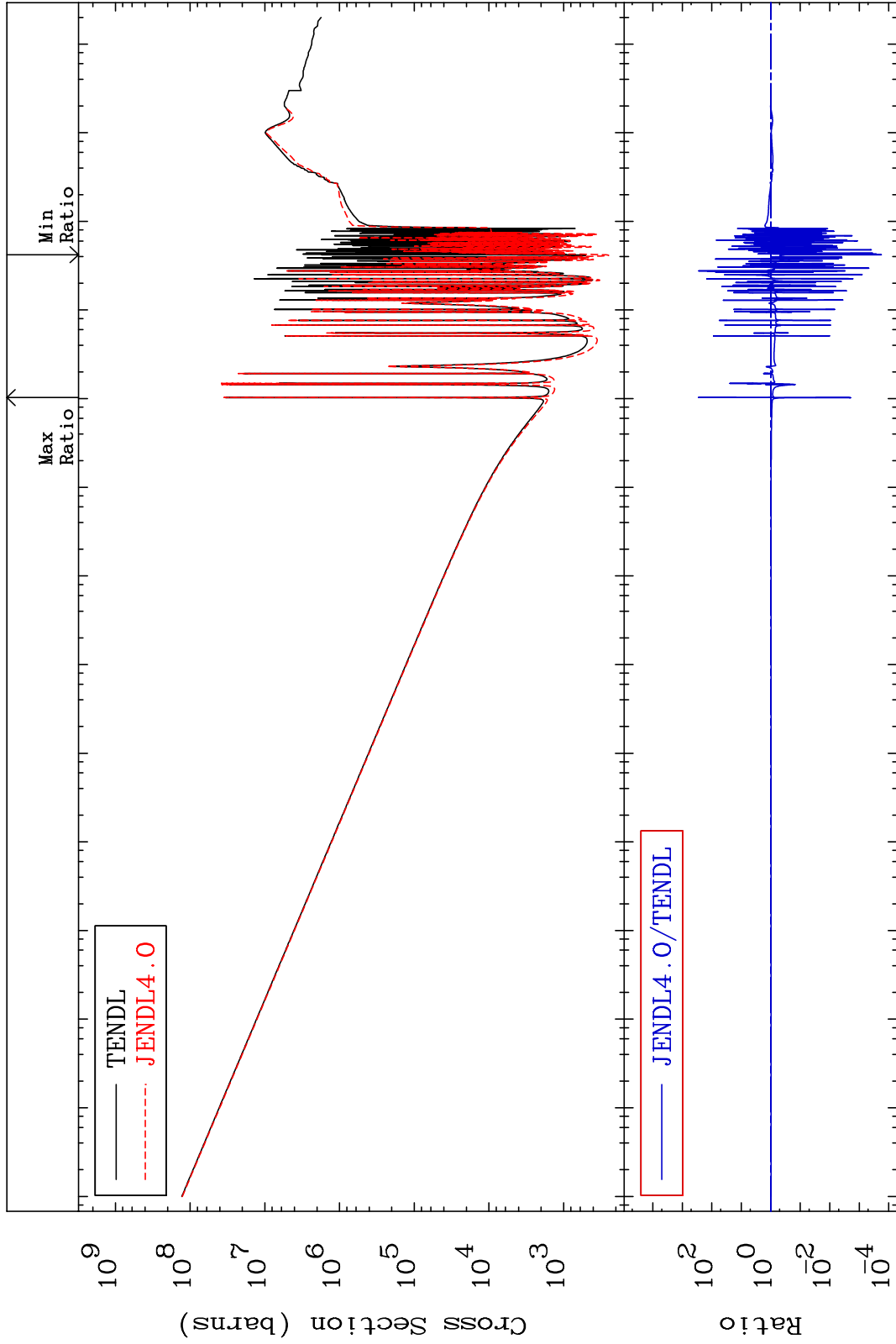
24-Cr-54
-99.95 To 9999. %



MAT 2437

Total photon (eV-barns)
Cross Section

24-Cr-54
-99.98 To 9999. %



Incident Energy (eV)

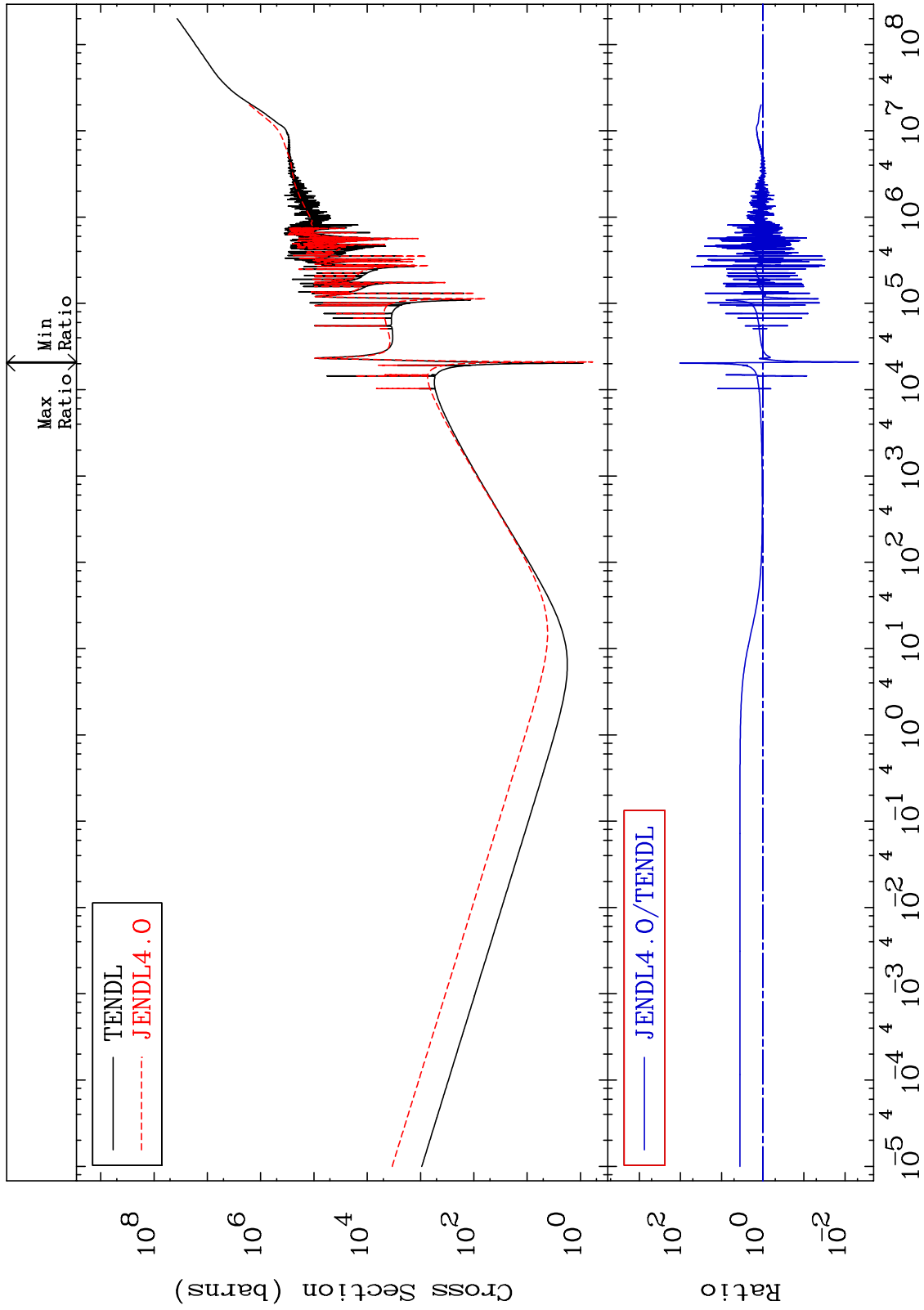
24-Cr-54

56

MAT 2437

Total kinematic kerma (high limit)
Cross Section

24-Cr-54
-99.53 To 9999. %



57

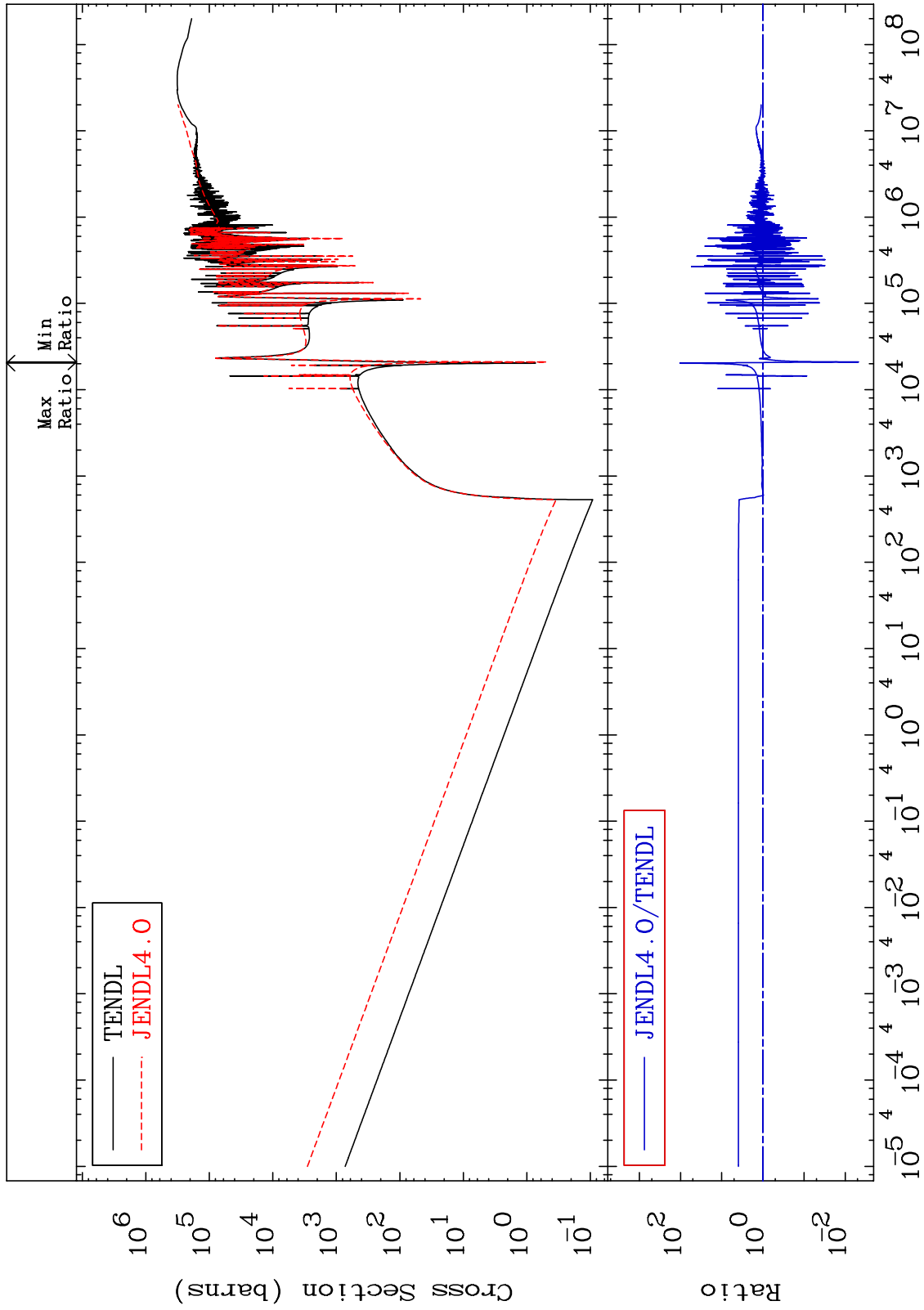
Incident Energy (eV)

24-Cr-54

MAT 2437

Dpa total (eV-barns)
Cross Section

24-Cr-54
-99.52 To 9999. %



58

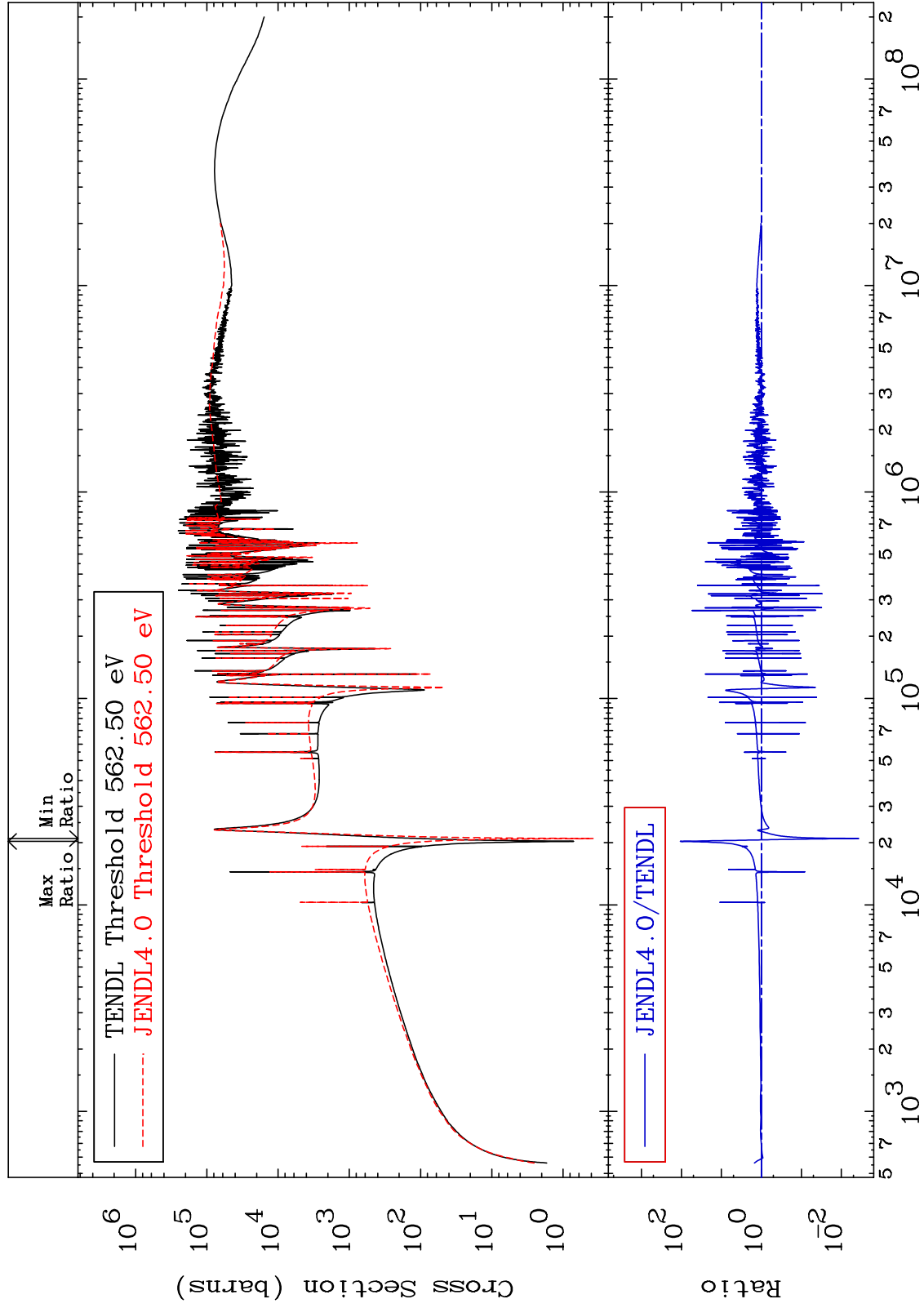
Incident Energy (eV)

24-Cr-54

MAT 2437

Dpa elastic (mt2)
Cross Section

24-Cr-54
-99.63 To 9999. %



59

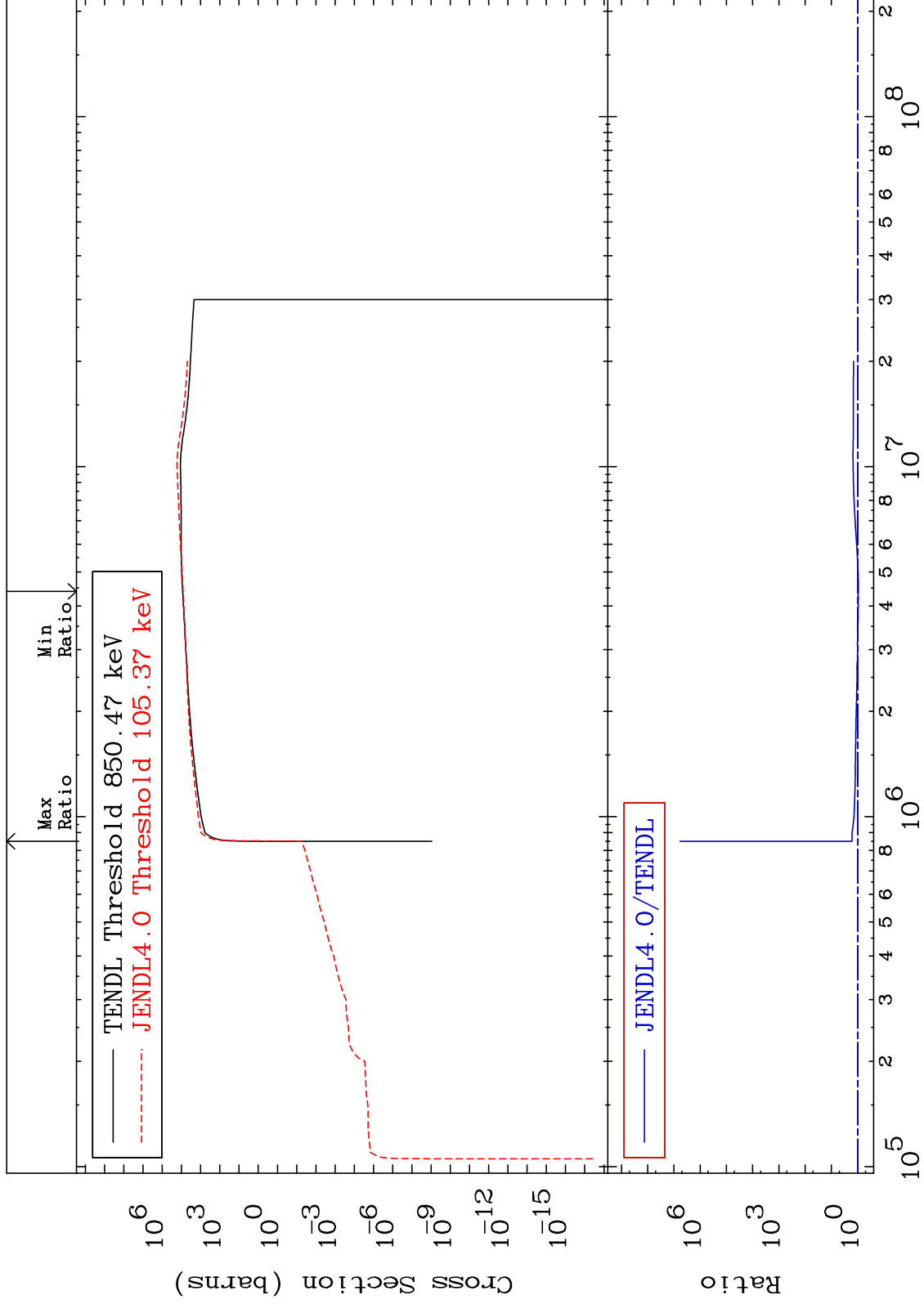
Incident Energy (eV)

24-Cr-54

MAT 2437

Dpa inelastic (mt51-91)
Cross Section

24-Cr-54
-6.264 To 9999. %



60

Incident Energy (eV)

24-Cr-54

MAT 2437

Dpa disappearance (mt102 -120)
Cross Section

24-Cr-54
-99.95 To 9999. %

