

Program Complot
(Version 2018-1)

by

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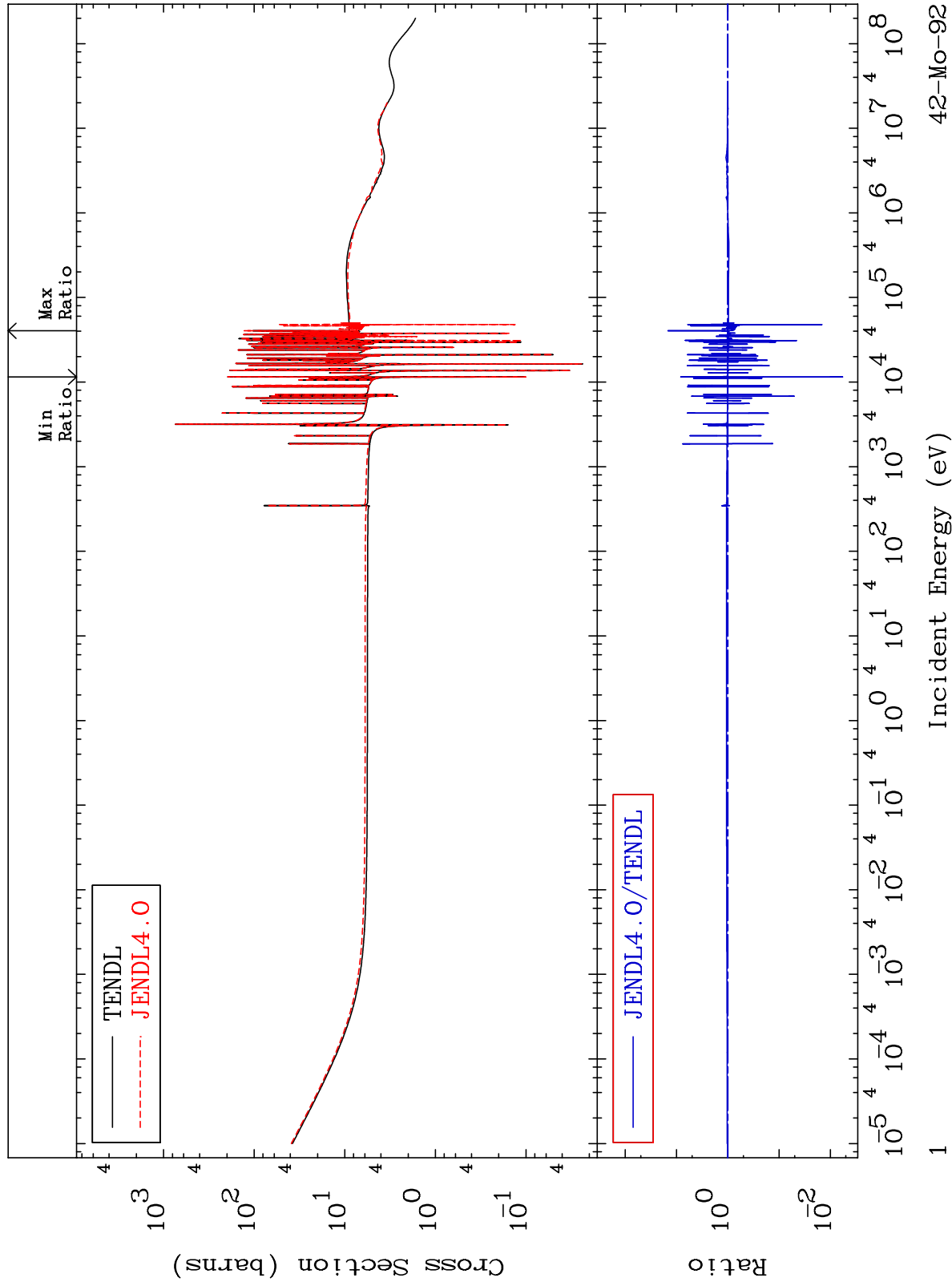
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4225

Total
Cross Section

42-Mo-92
-99.43 To 1369. %

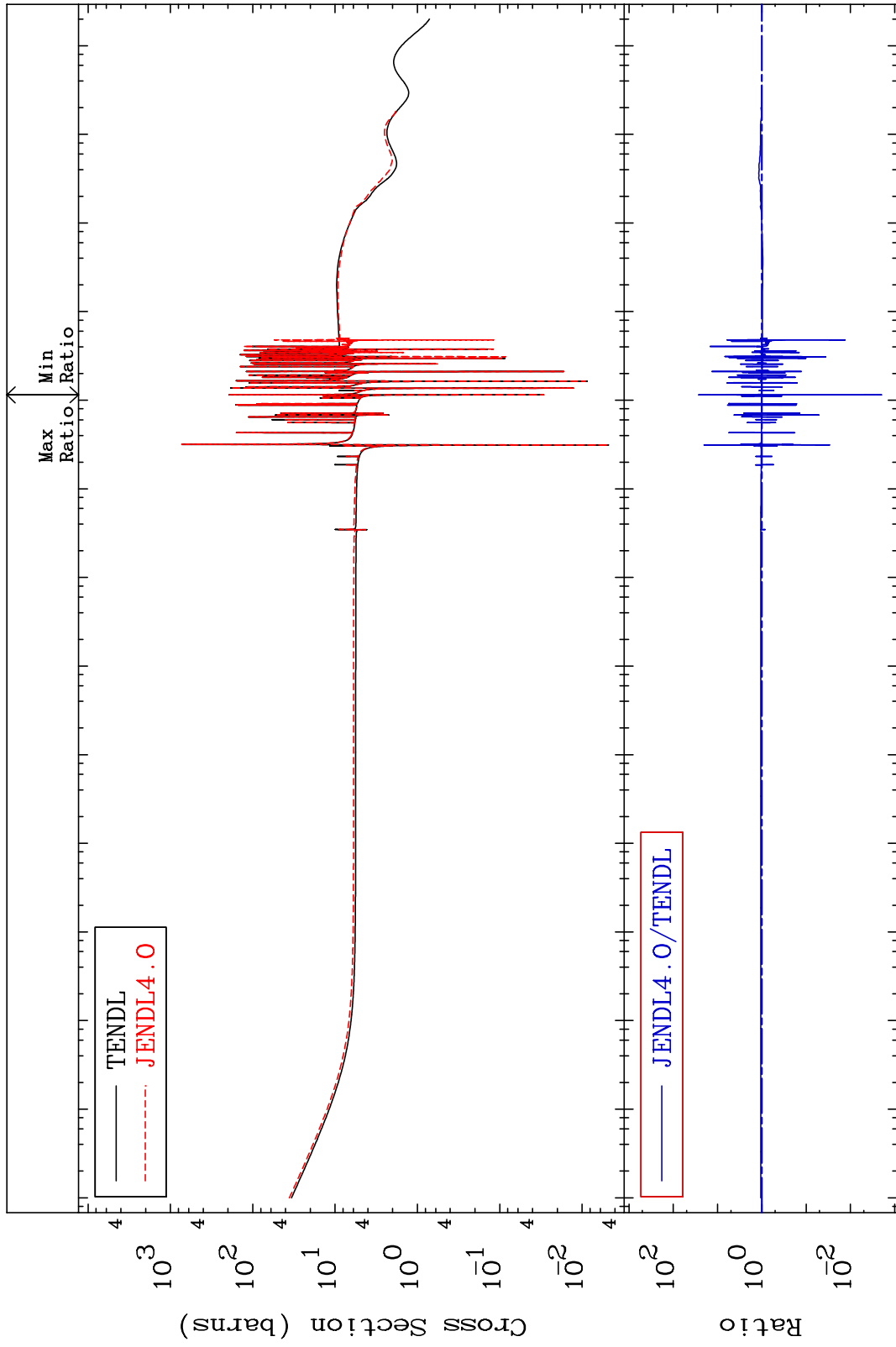


42-Mo-92

MAT 4225

Elastic
Cross Section

42-Mo-92
-99.80 To 2619. %



2

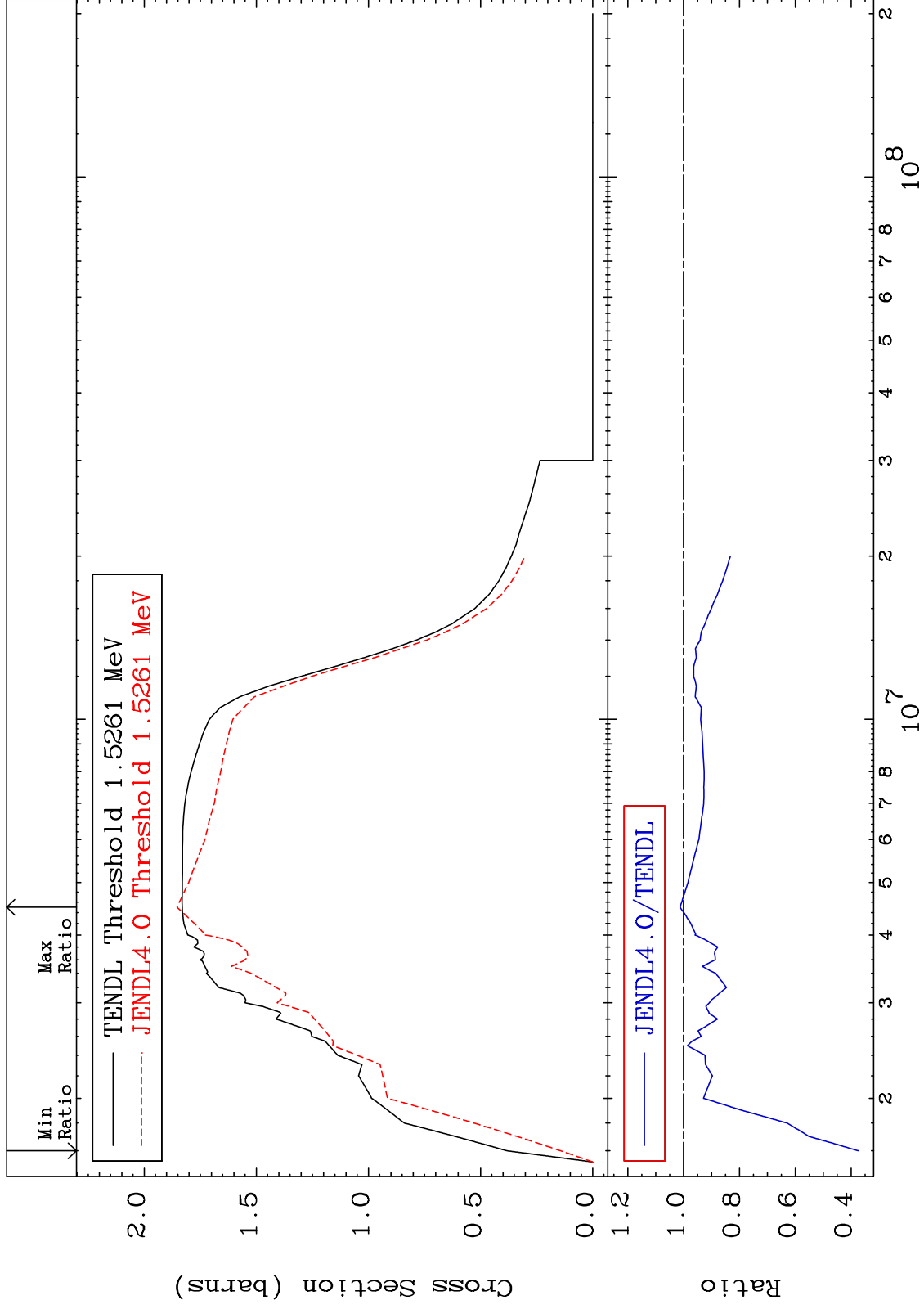
Incident Energy (eV)

42-Mo-92

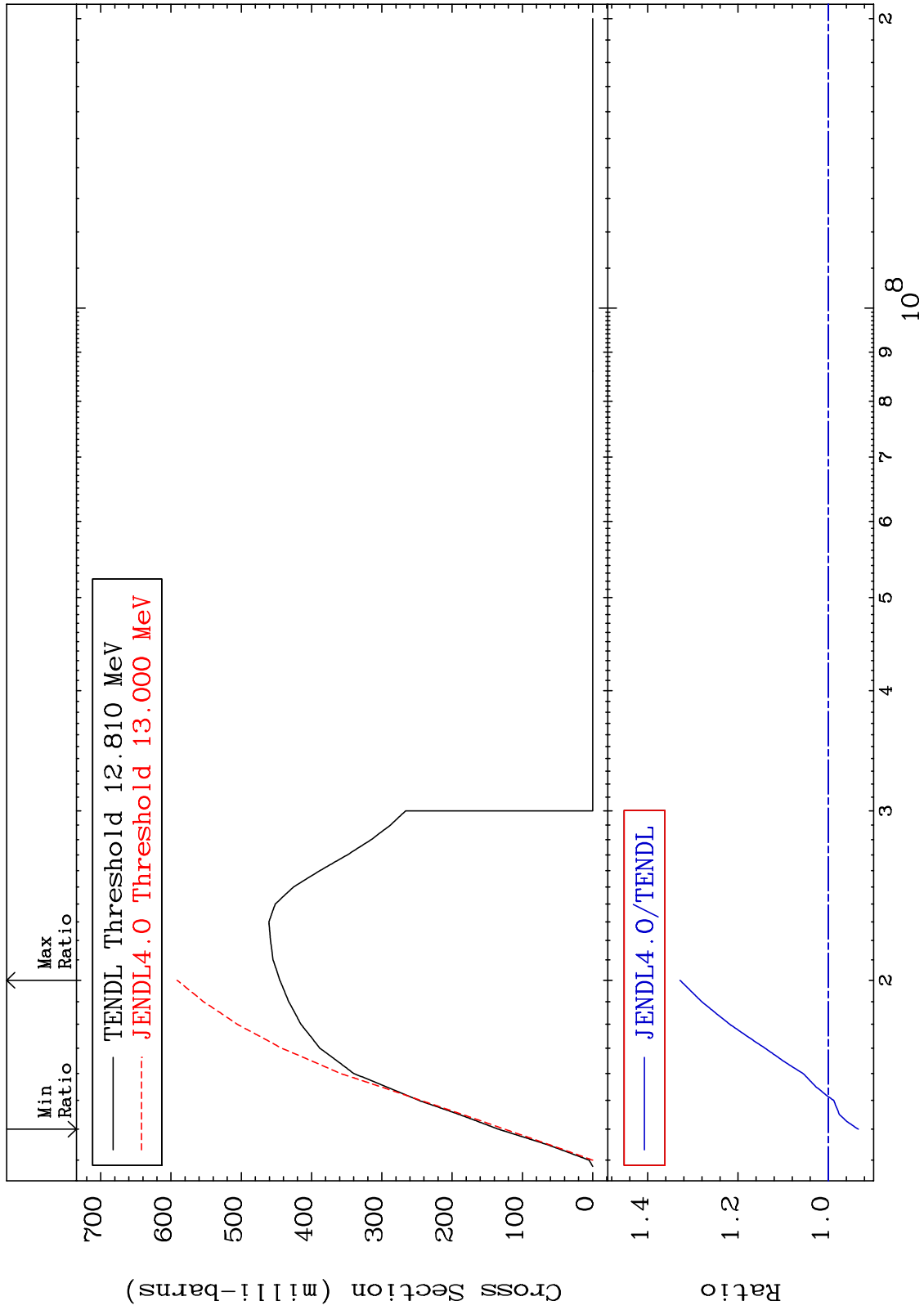
MAT 4225

Inelastic
Cross Section

42-Mo-92
-62.60 To 1.279 %



MAT 4225 (n,2n) Cross Section 42-Mo-92 -6.666 To 32.85 %

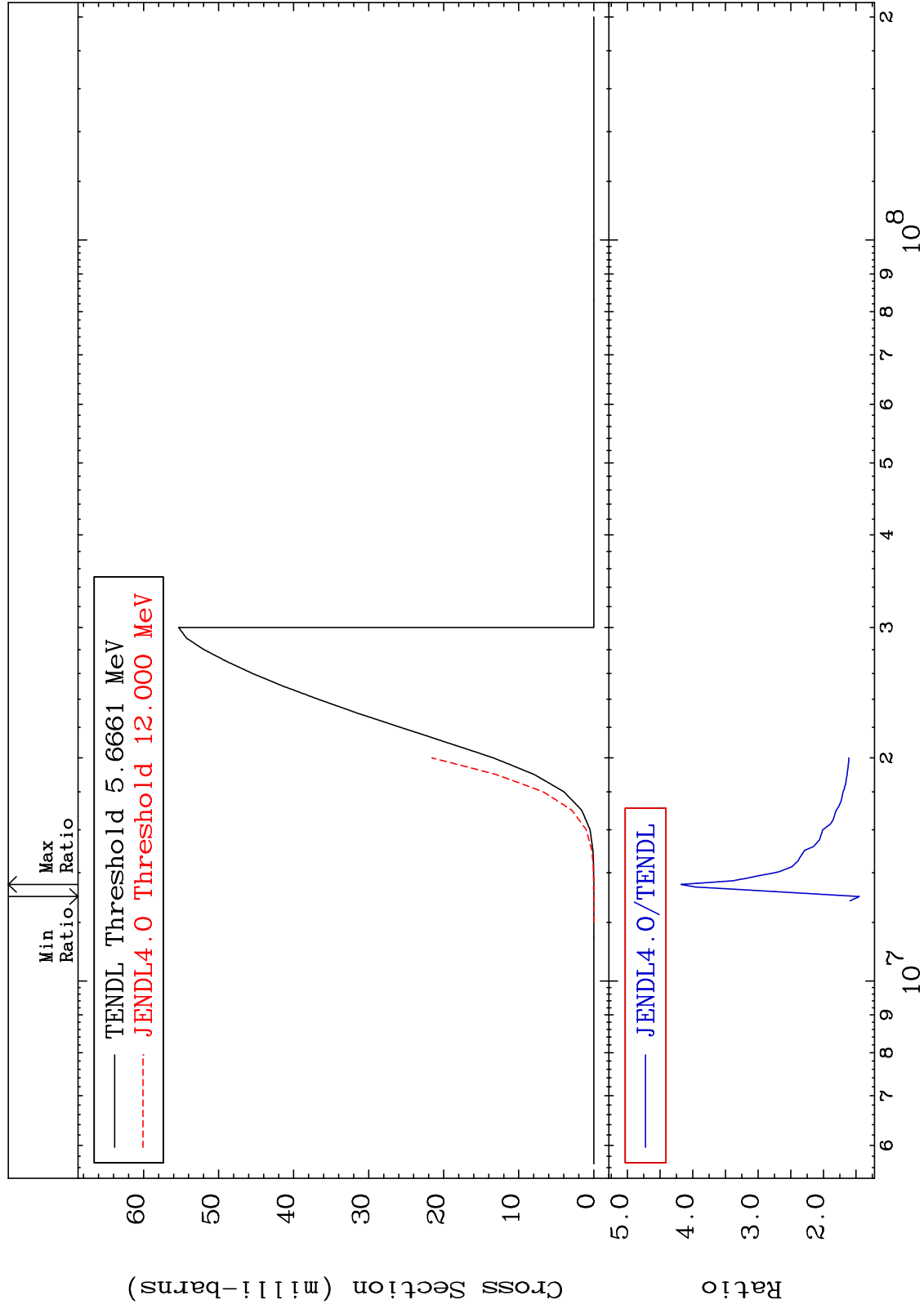


MAT 4225

(n, n') α

Cross Section

45.08 To 318.0 %
42-Mo-92



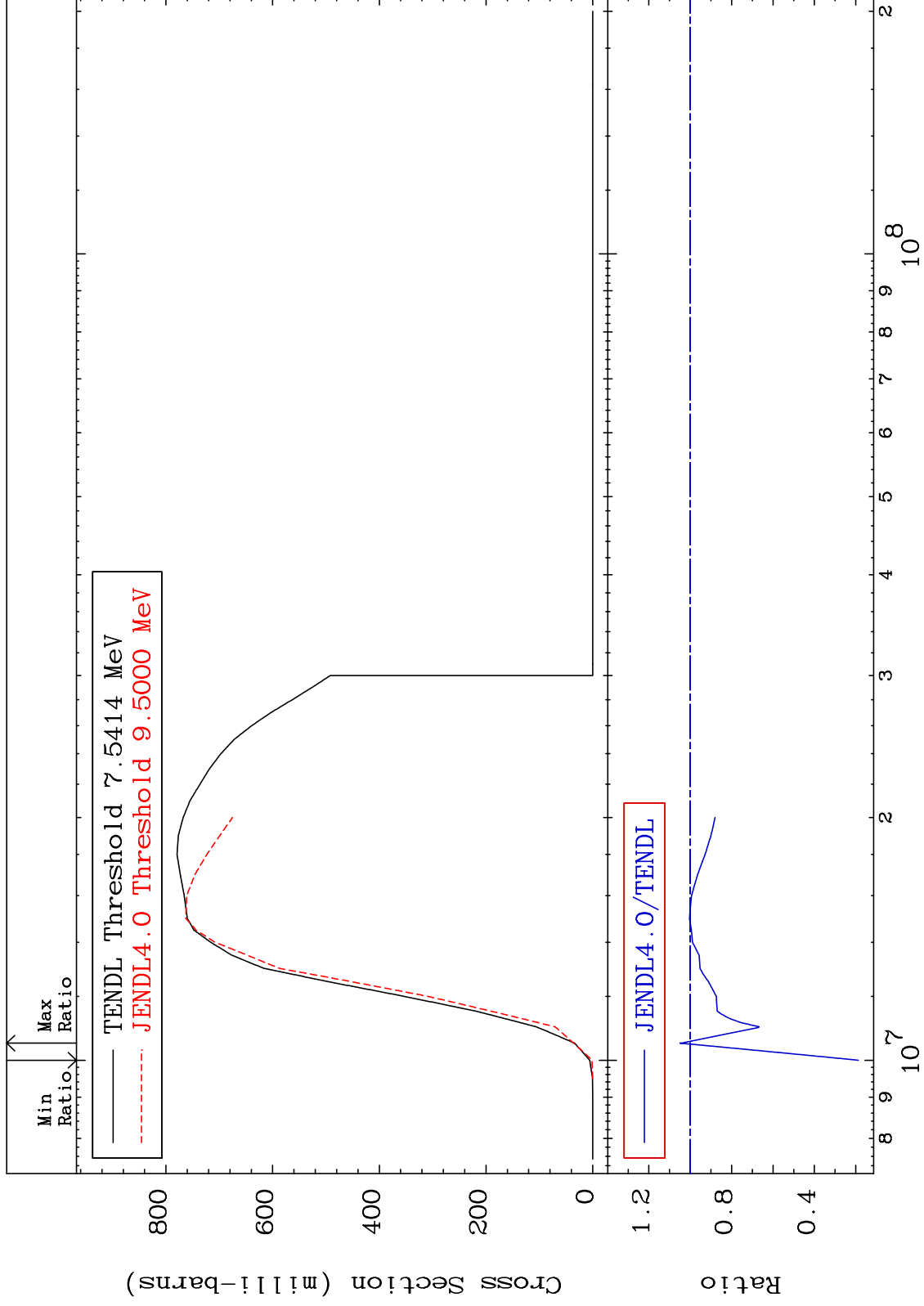
MAT 4225

(n,n') p

42-Mo-92

Cross Section

-81.26 To 4.939 %



6

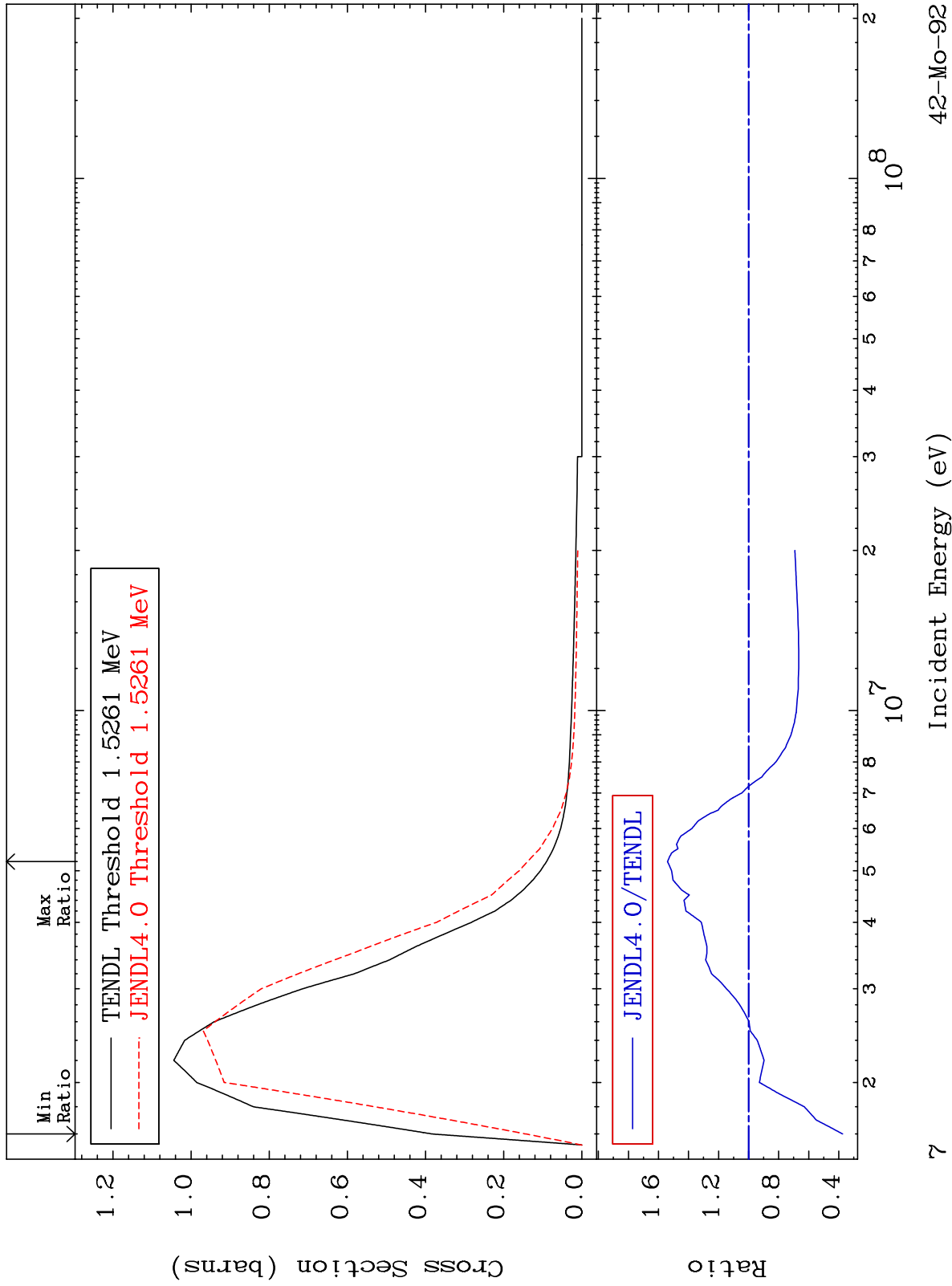
Incident Energy (eV)

42-Mo-92

MAT 4225

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

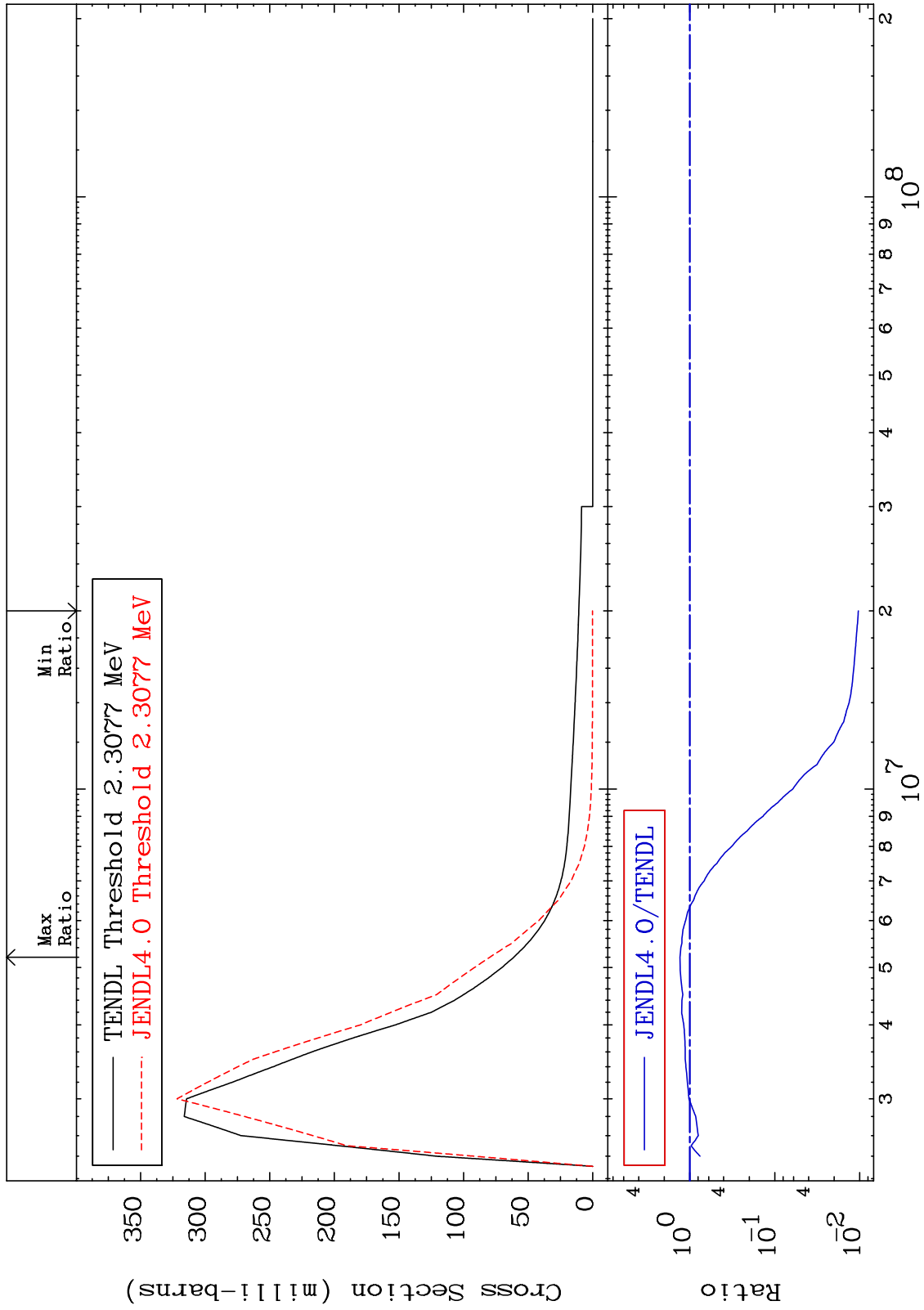
42-Mo-92
-62.60 To 53.96 %



MAT 4225

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

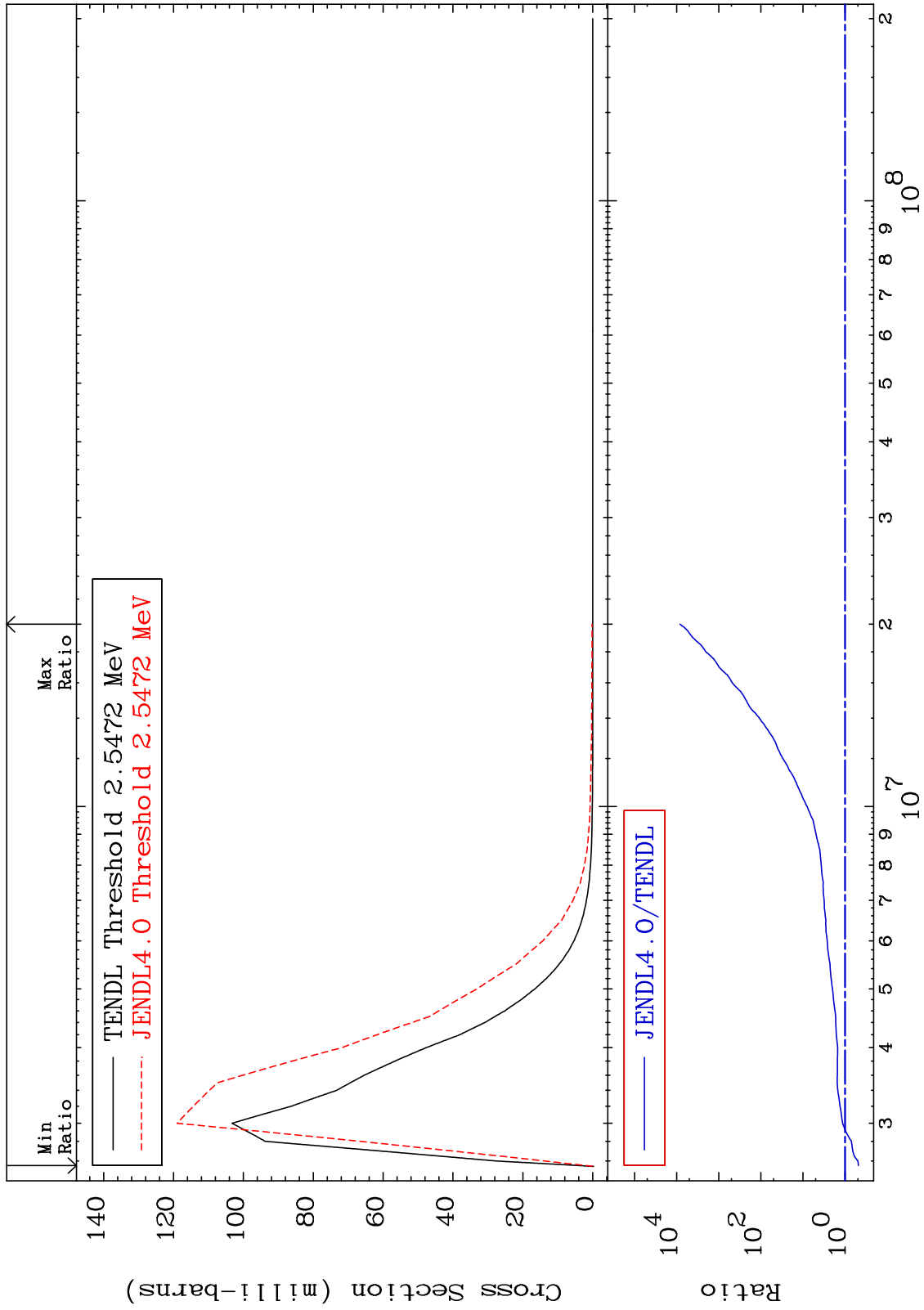
42-Mo-92
-98.96 To 30.39 %



MAT 4225

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

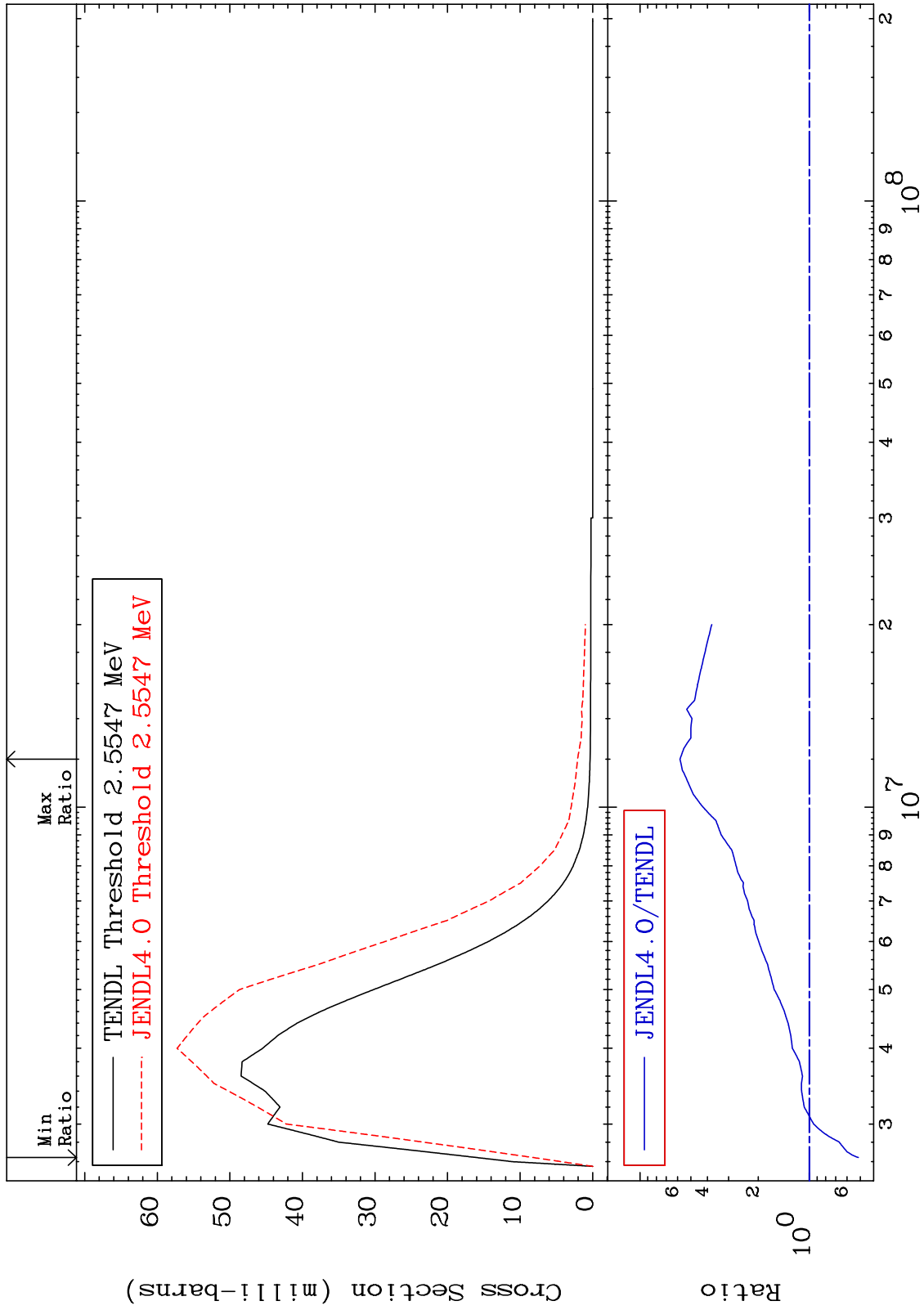
42-Mo-92
-51.57 To 9999. %



MAT 4225

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

42-Mo-92
-48.68 To 480.2 %

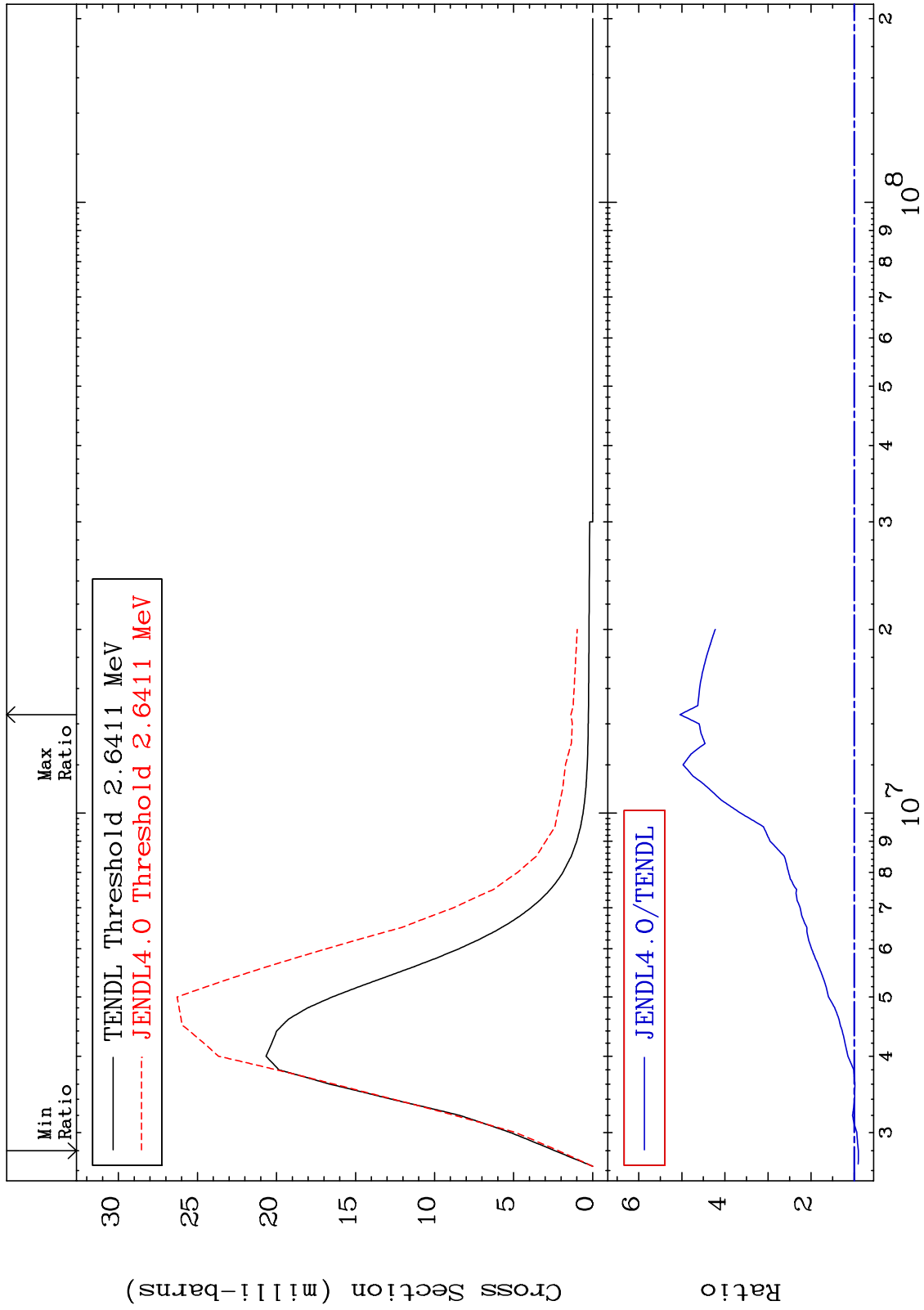


10

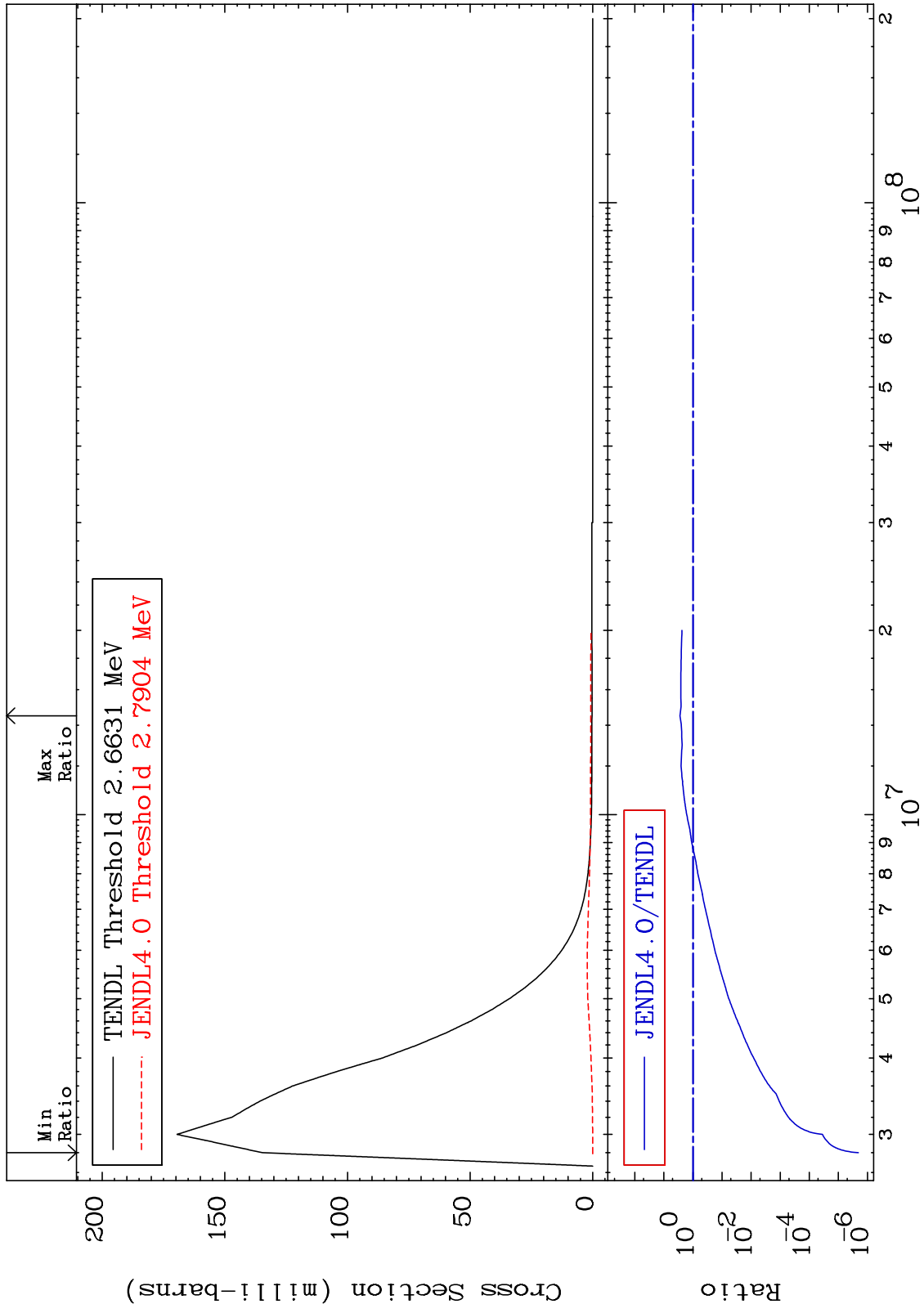
Incident Energy (eV)

42-Mo-92

MAT 4225 MT= 55 (n,n') Level Cross Section -9.806 To 404.2 % 42-Mo-92



MAT 4225 MT= 56 (n,n') Level Cross Section -100.0 To 178.6 % 42-Mo-92

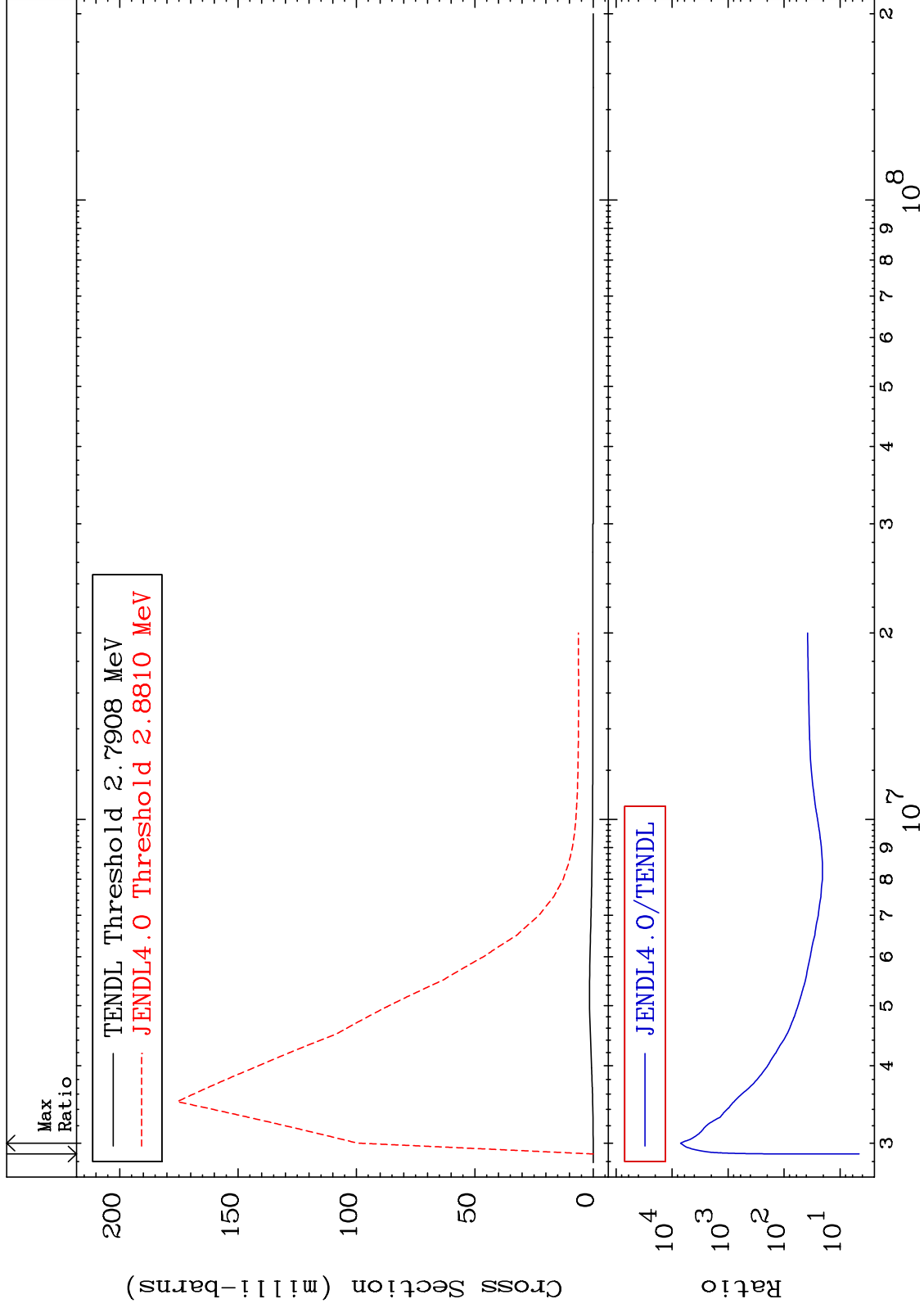


12 Incident Energy (eV) 42-Mo-92

MAT 4225

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

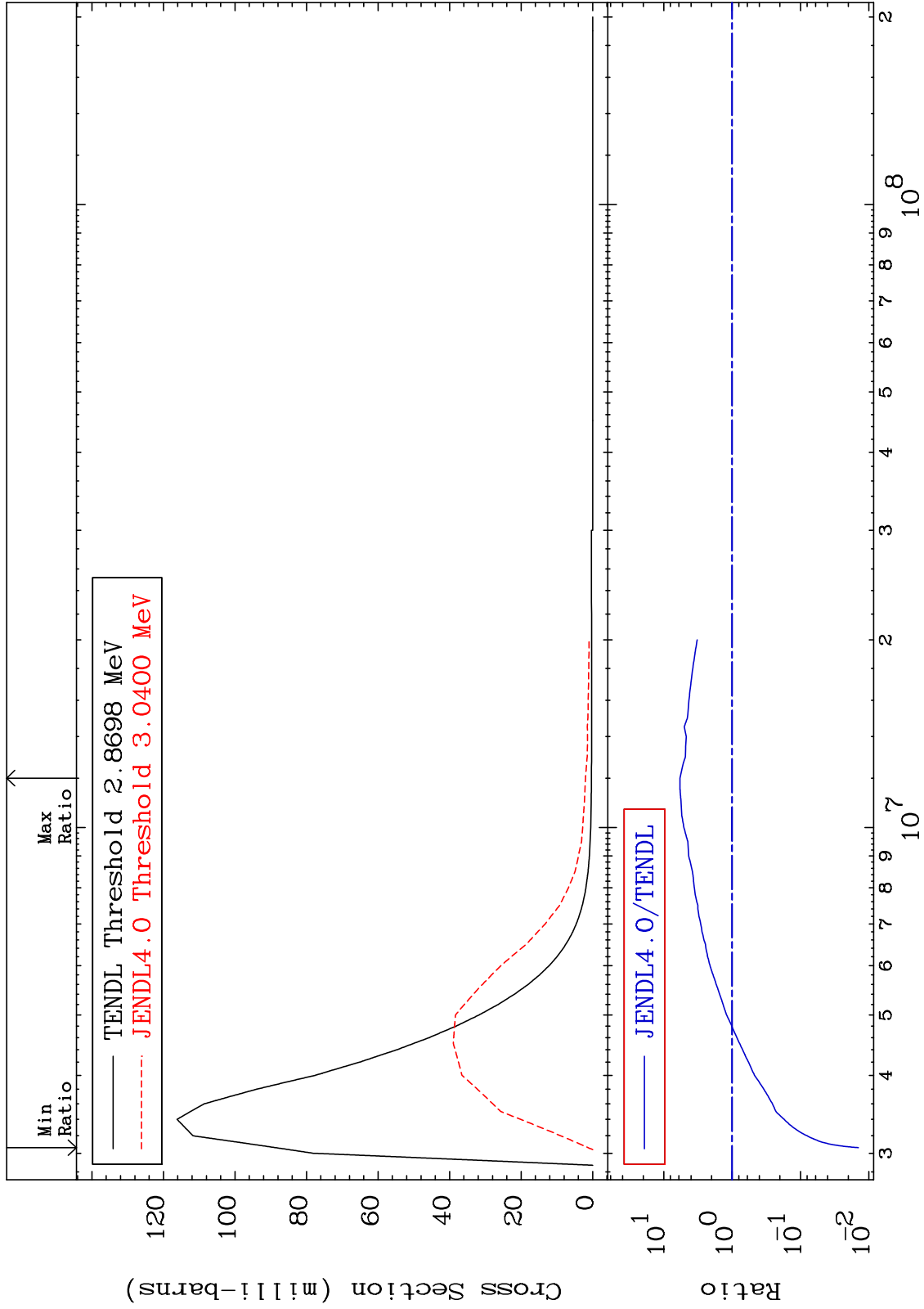
356.9 To 9999. %
42-Mo-92



MAT 4225

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

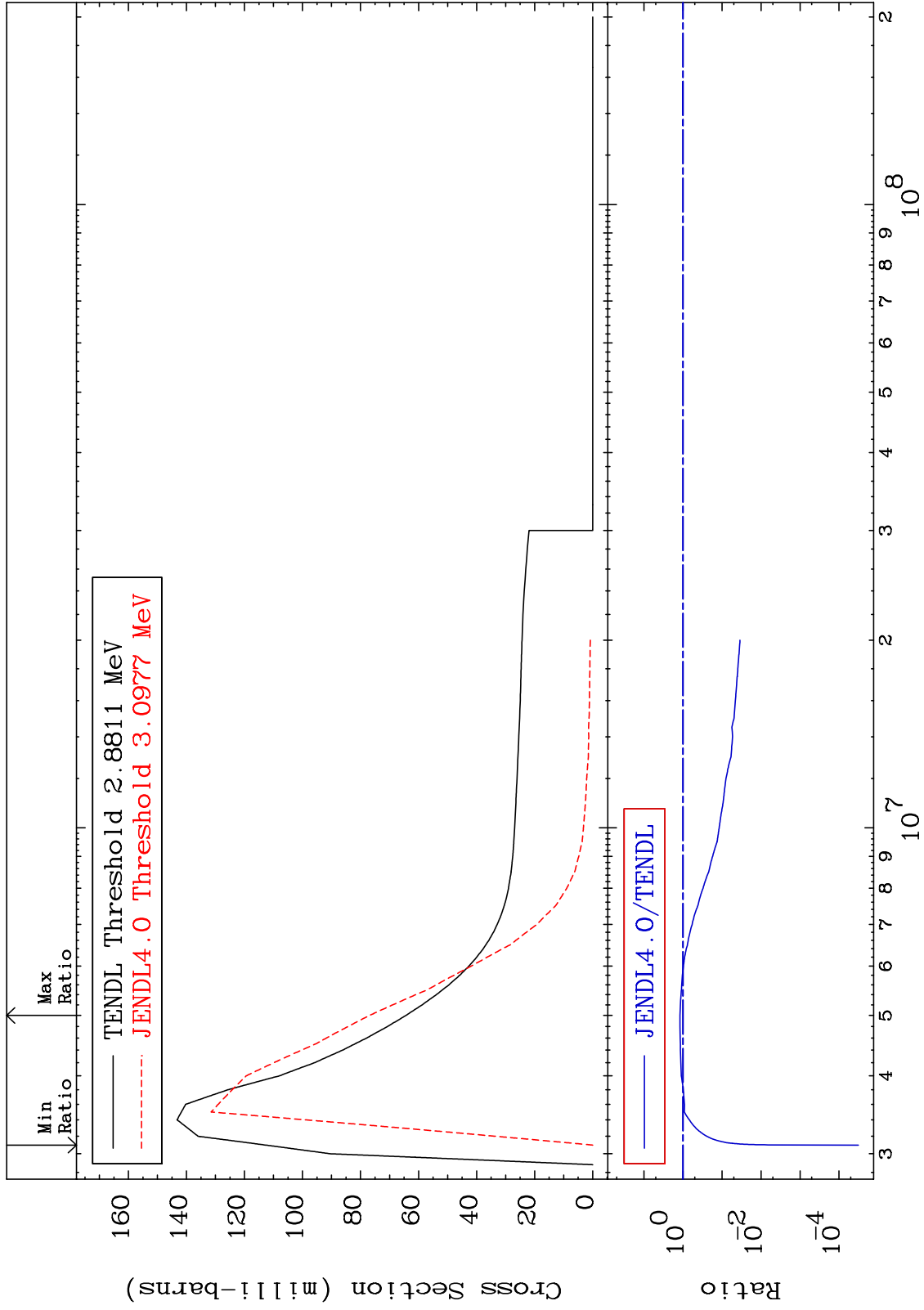
42-Mo-92
-98.58 To 478.9 %



MAT 4225

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

42-Mo-92
-100.0 To 19.54 %

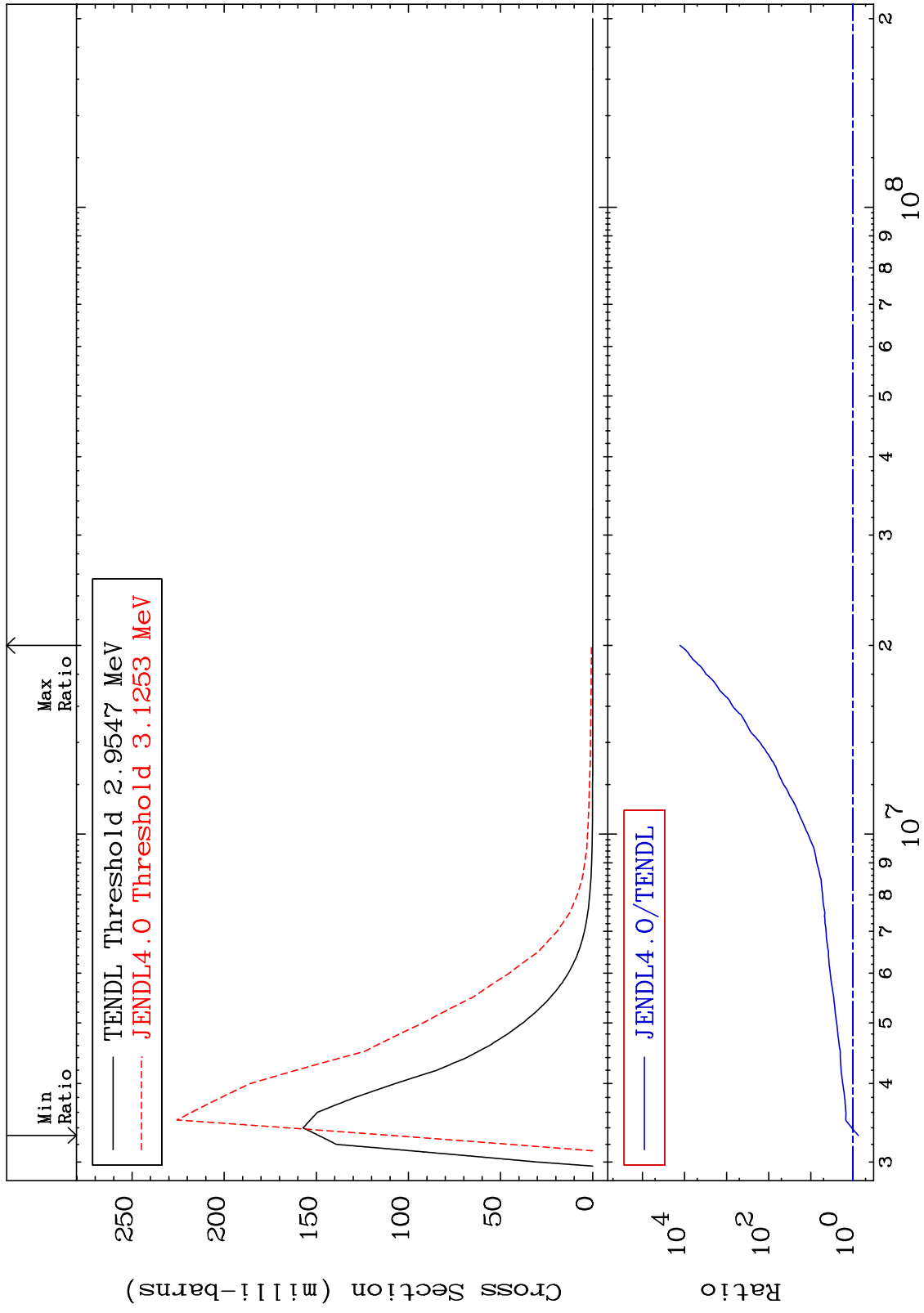


15

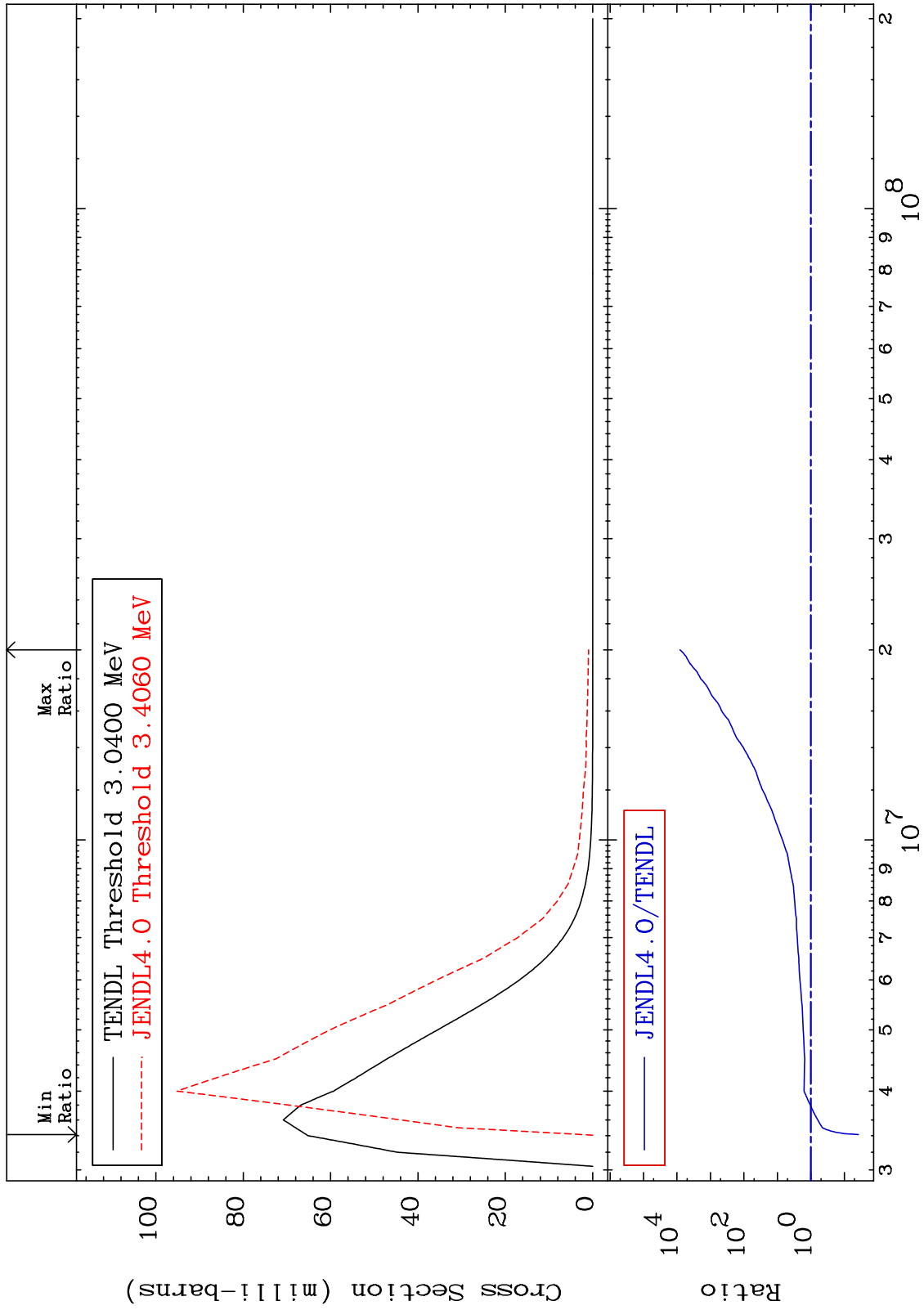
Incident Energy (eV)

42-Mo-92

MAT 4225 MT= 60 (n,n') Level 42-Mo-92
 Cross Section -26.42 To 9999. %



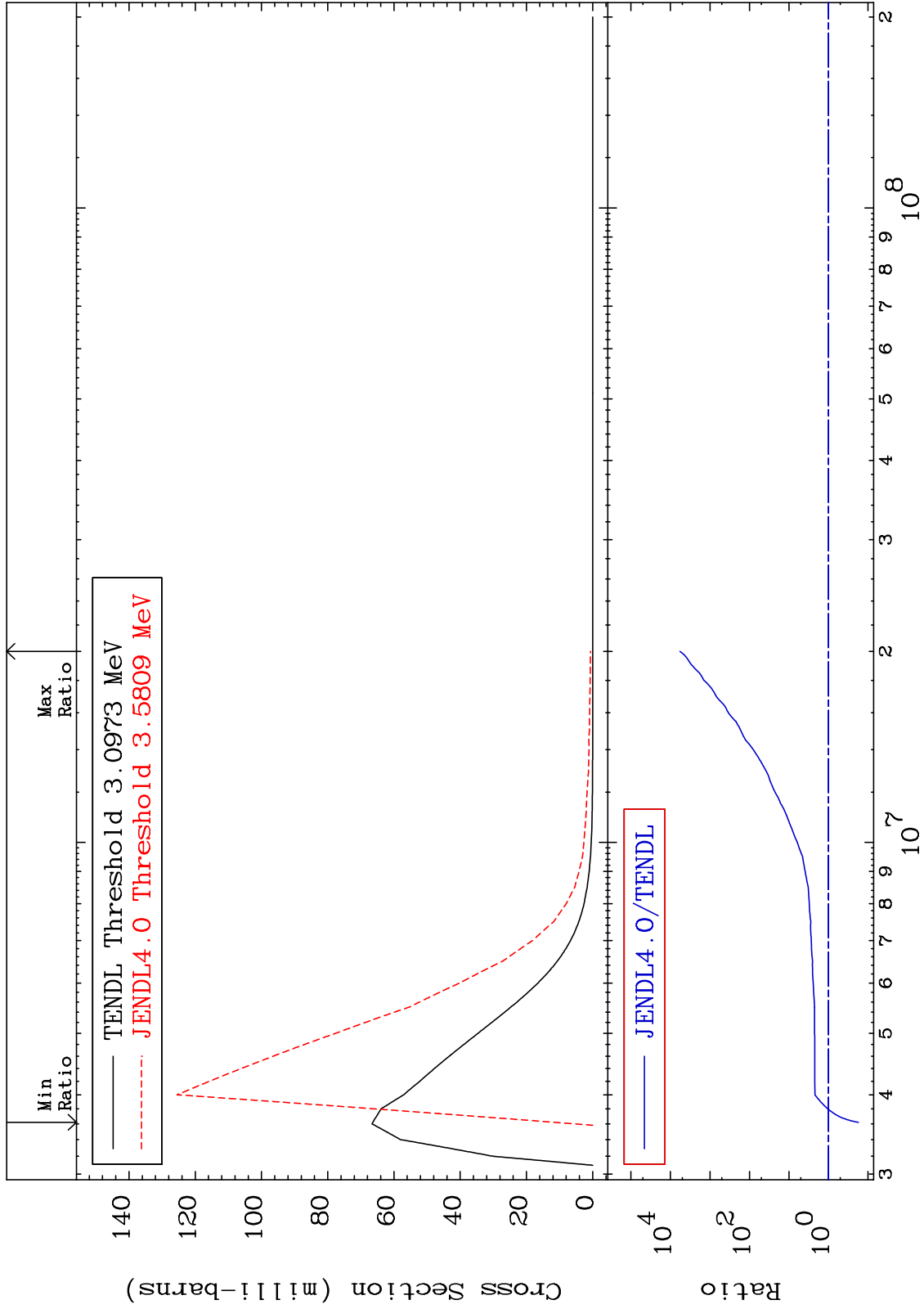
MAT 4225 MT= 61 (n,n') Level Cross Section 42-Mo-92
 -96.19 To 9999. %



MAT 4225

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

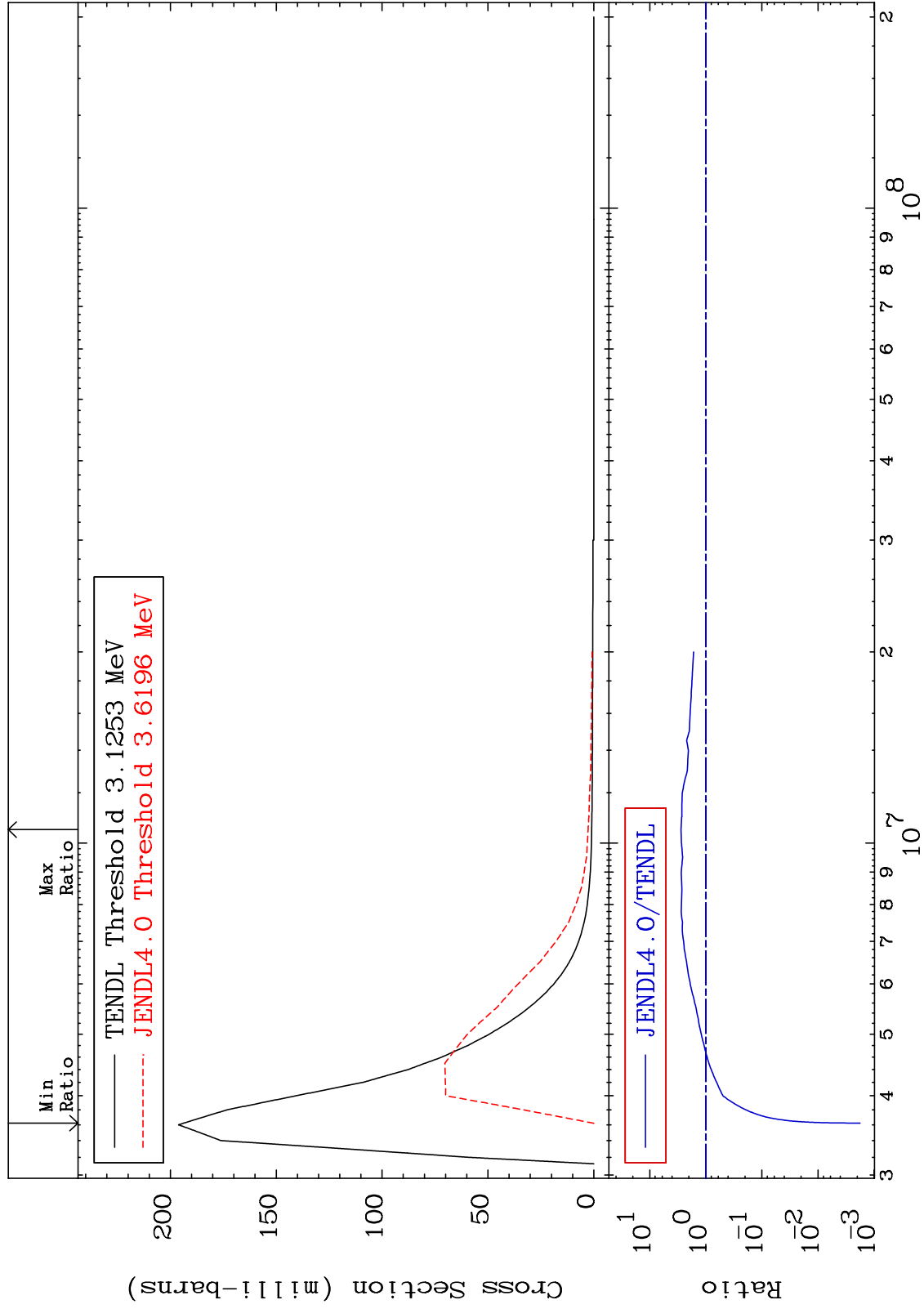
42-Mo-92
-82.54 To 9999. %



MAT 4225

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

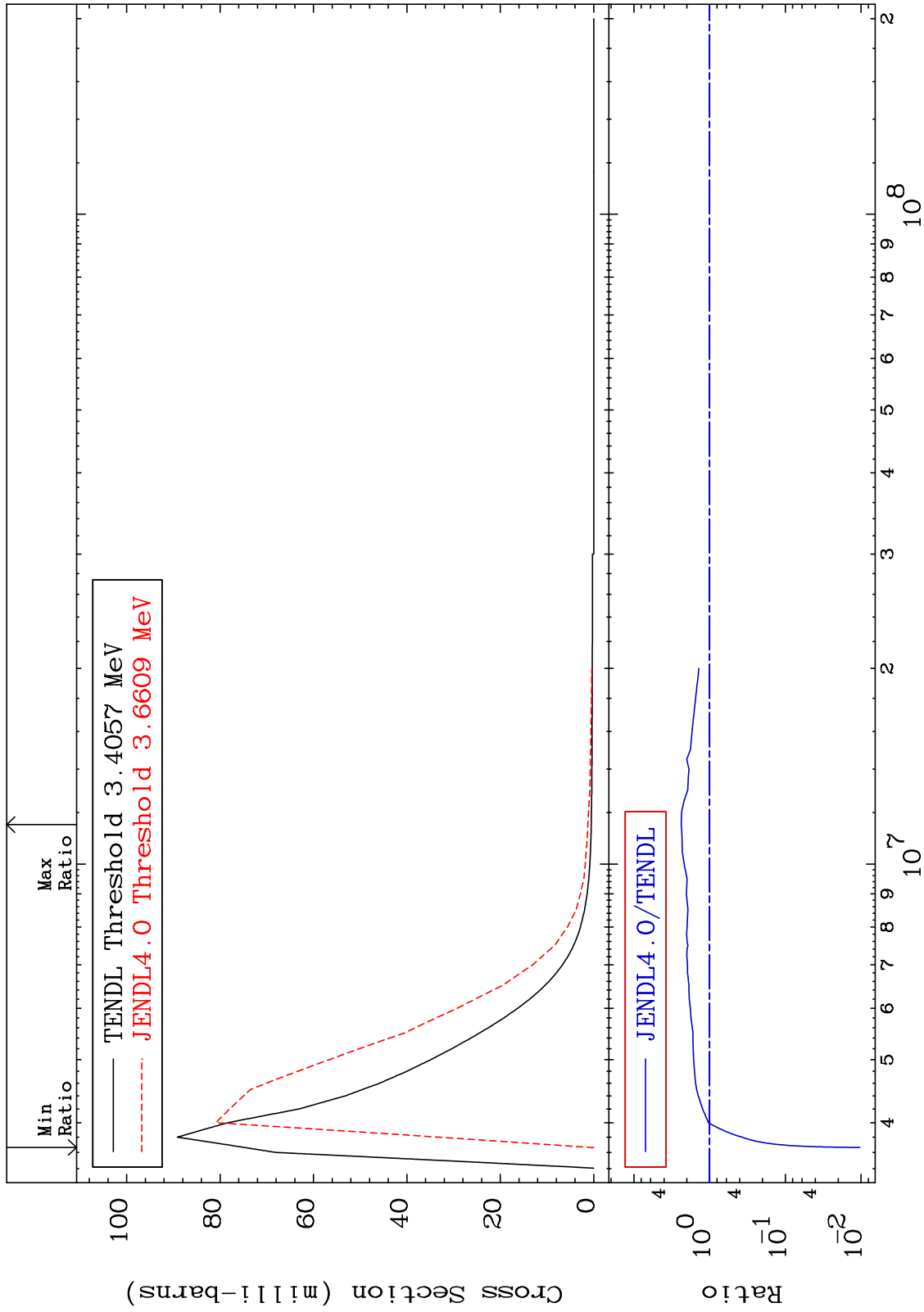
42-Mo-92
-99.82 To 176.3 %



MAT 4225

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

42-Mo-92
-98.97 To 136.9 %

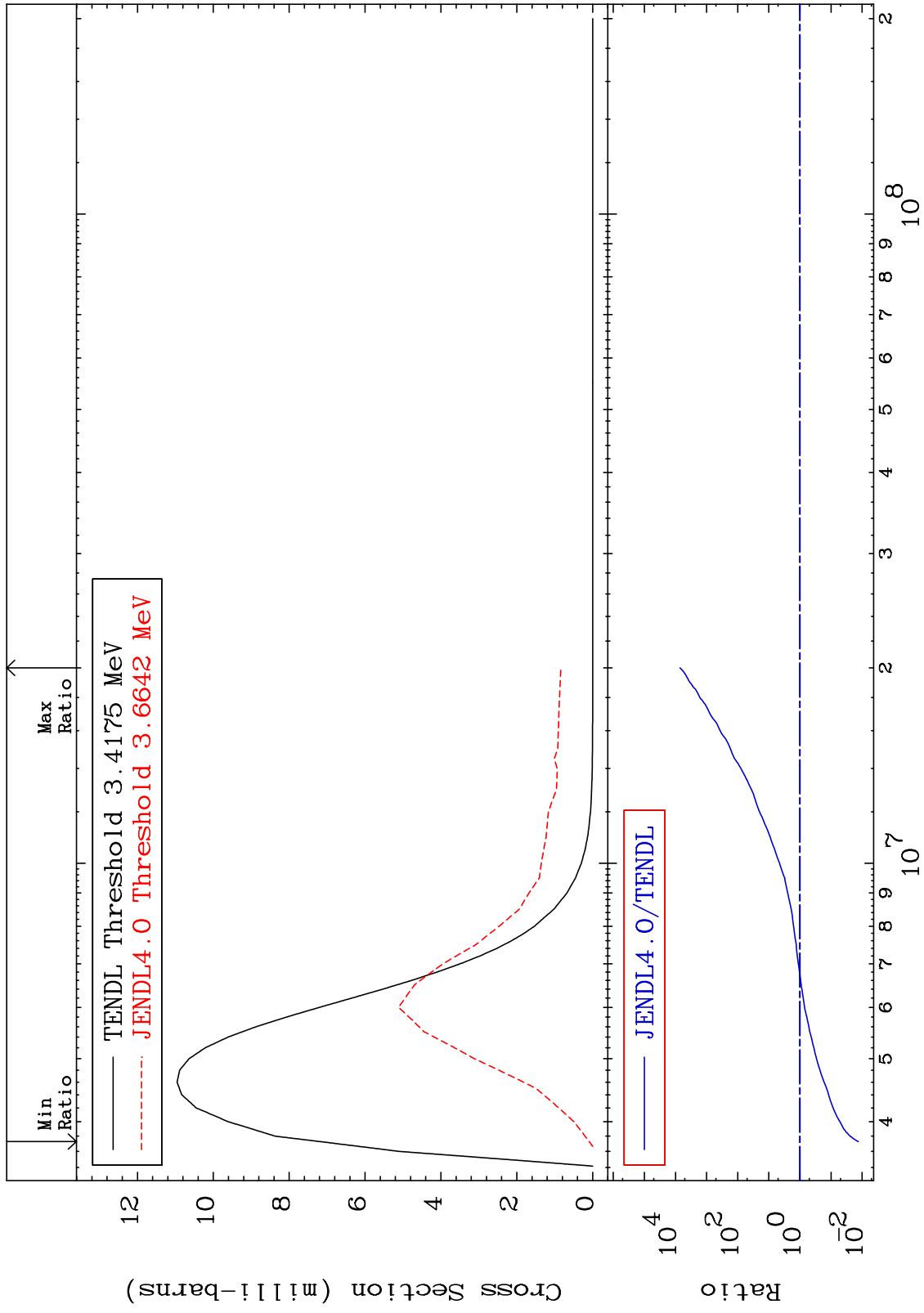


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Incident Energy (eV)

42-Mo-92

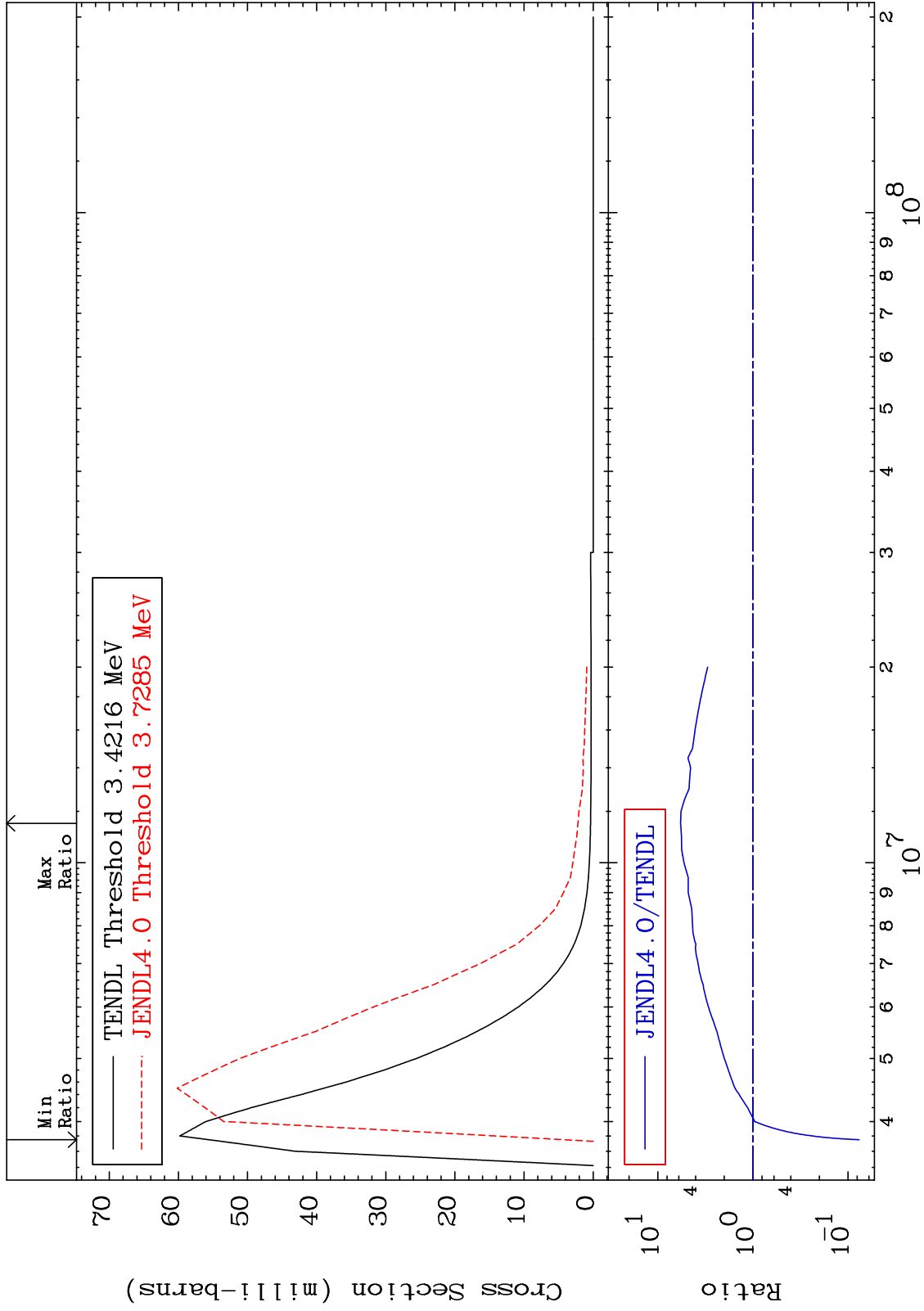
MAT 4225 MT= 65 (n,n') Level Cross Section -98.68 To 9999. % 42-Mo-92



MAT 4225

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

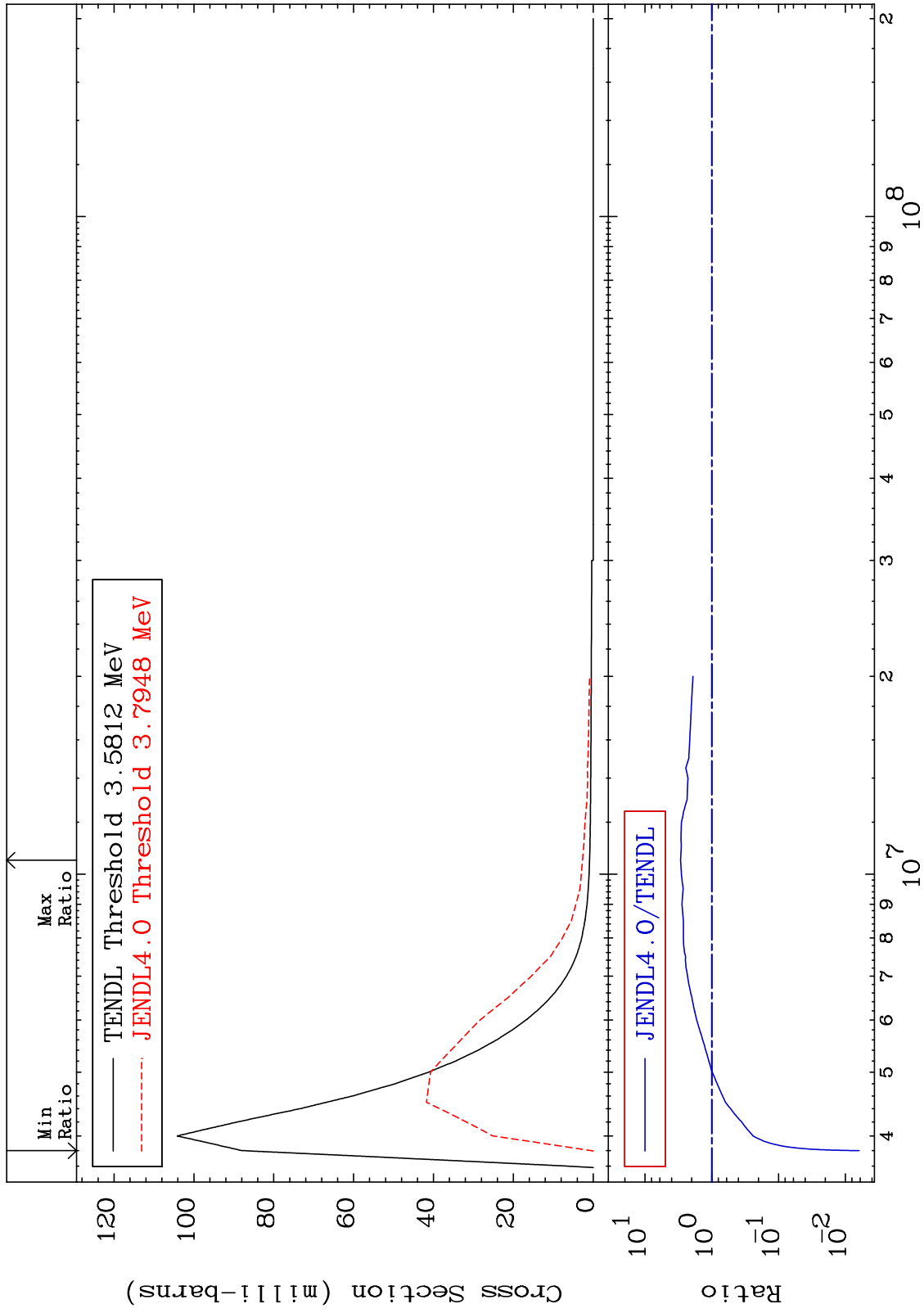
42-Mo-92
-92.38 To 474.9 %



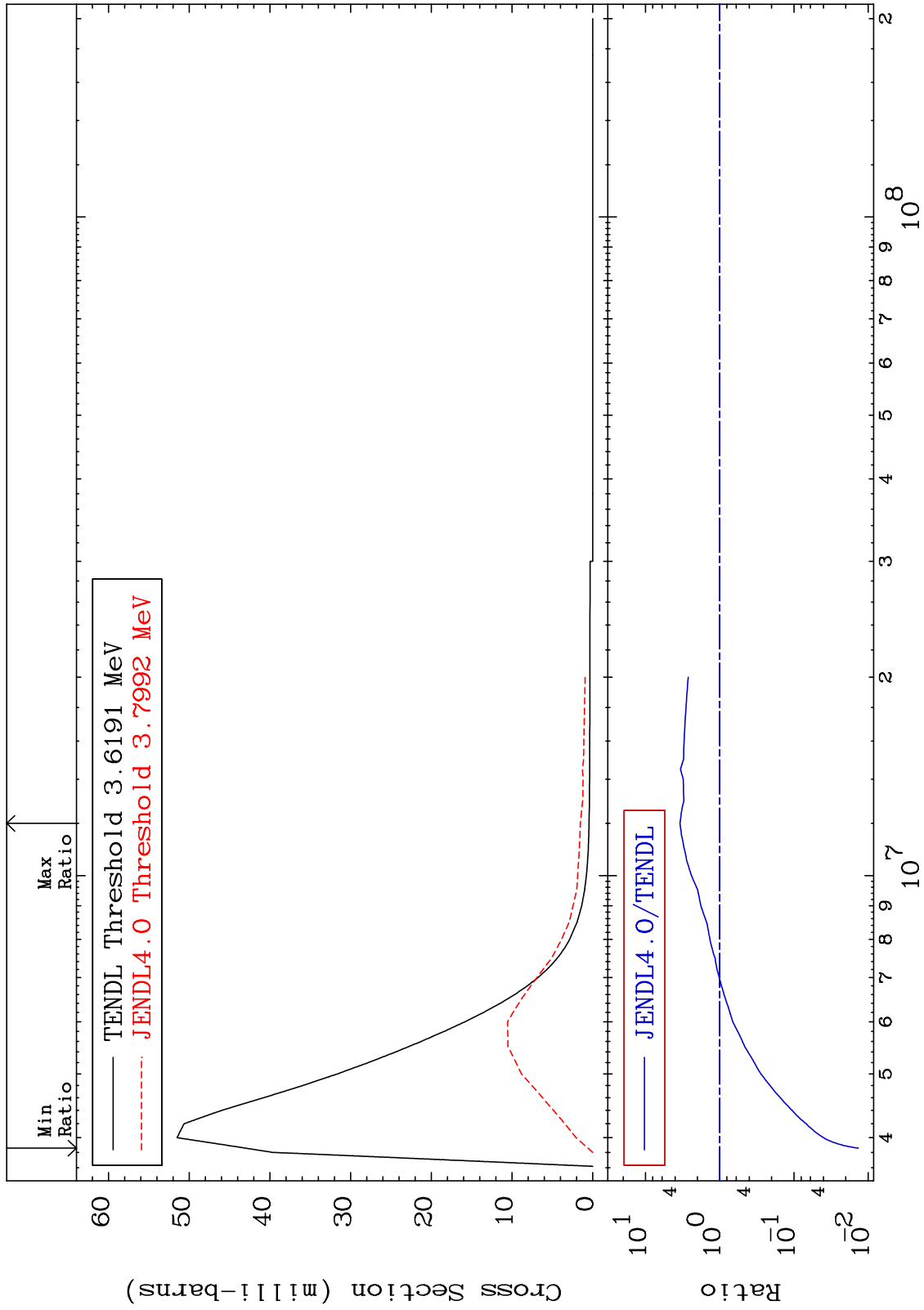
MAT 4225

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

42-Mo-92
-99.38 To 193.2 %



MAT 4225 MT= 68 (n,n') Level
 Cross Section 42-Mo-92
 -98.65 To 242.9 %



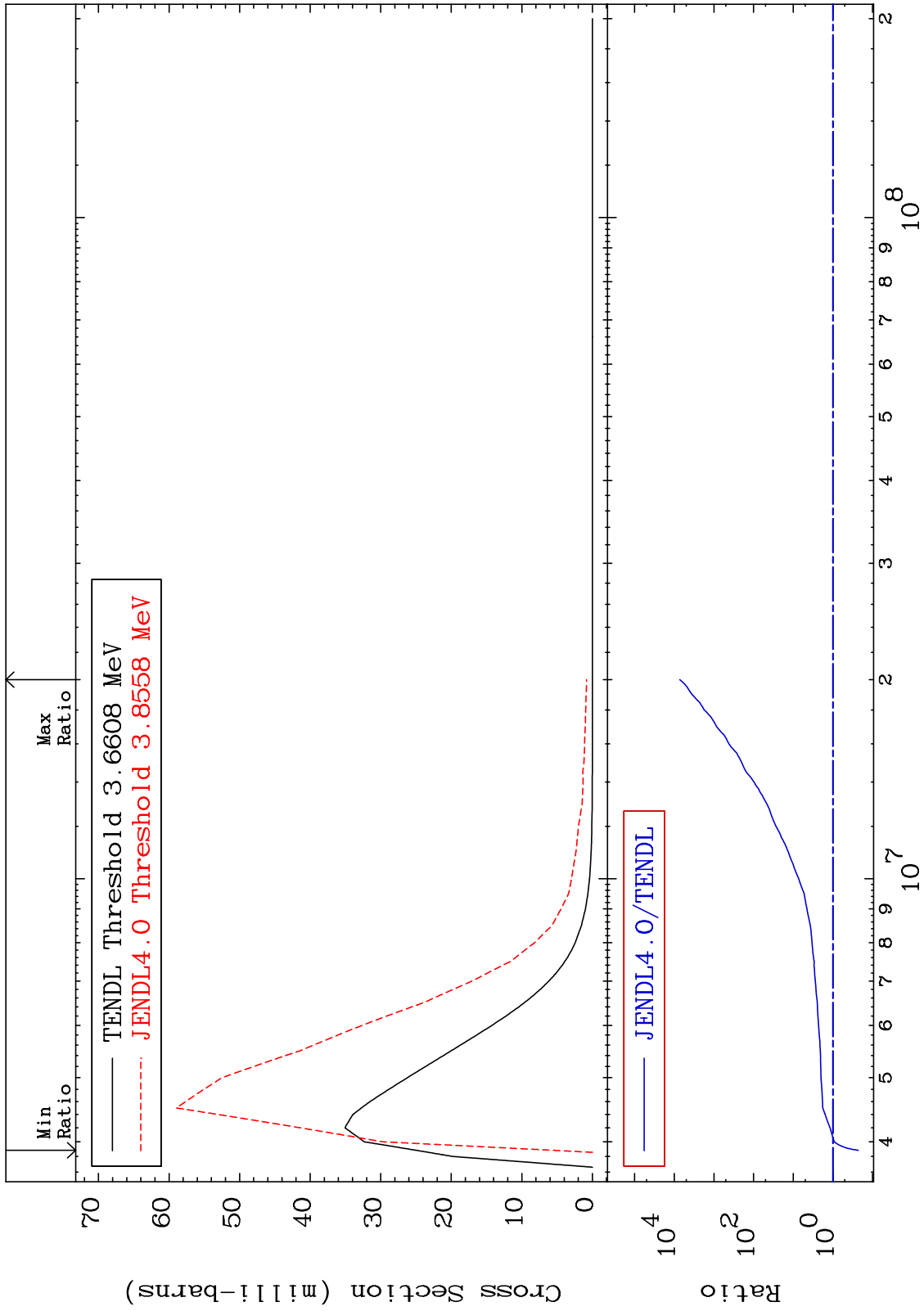
42-Mo-92

Incident Energy (eV)

MAT 4225

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

42-Mo-92
-77.23 To 9999. %



25

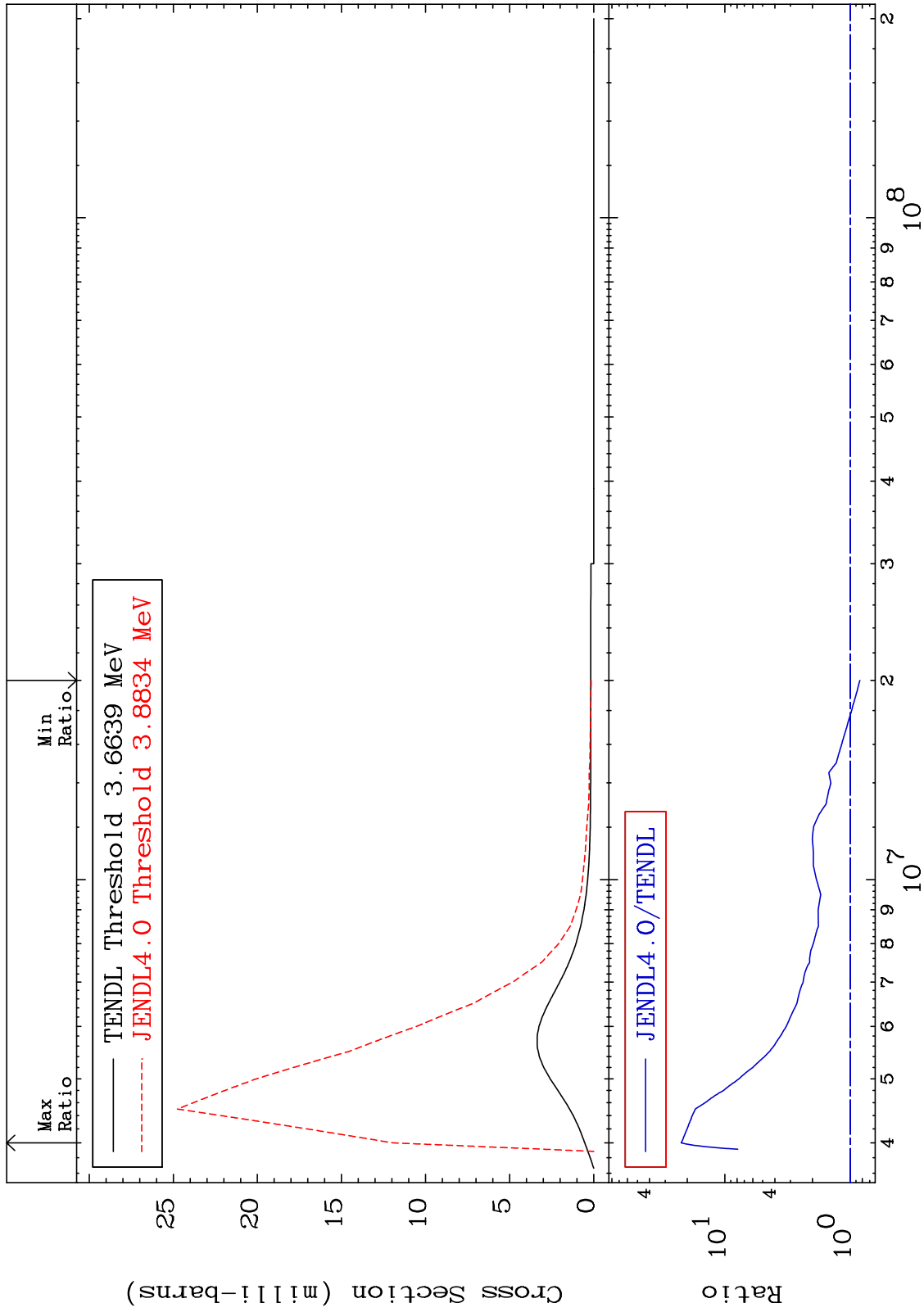
Incident Energy (eV)

42-Mo-92

MAT 4225

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

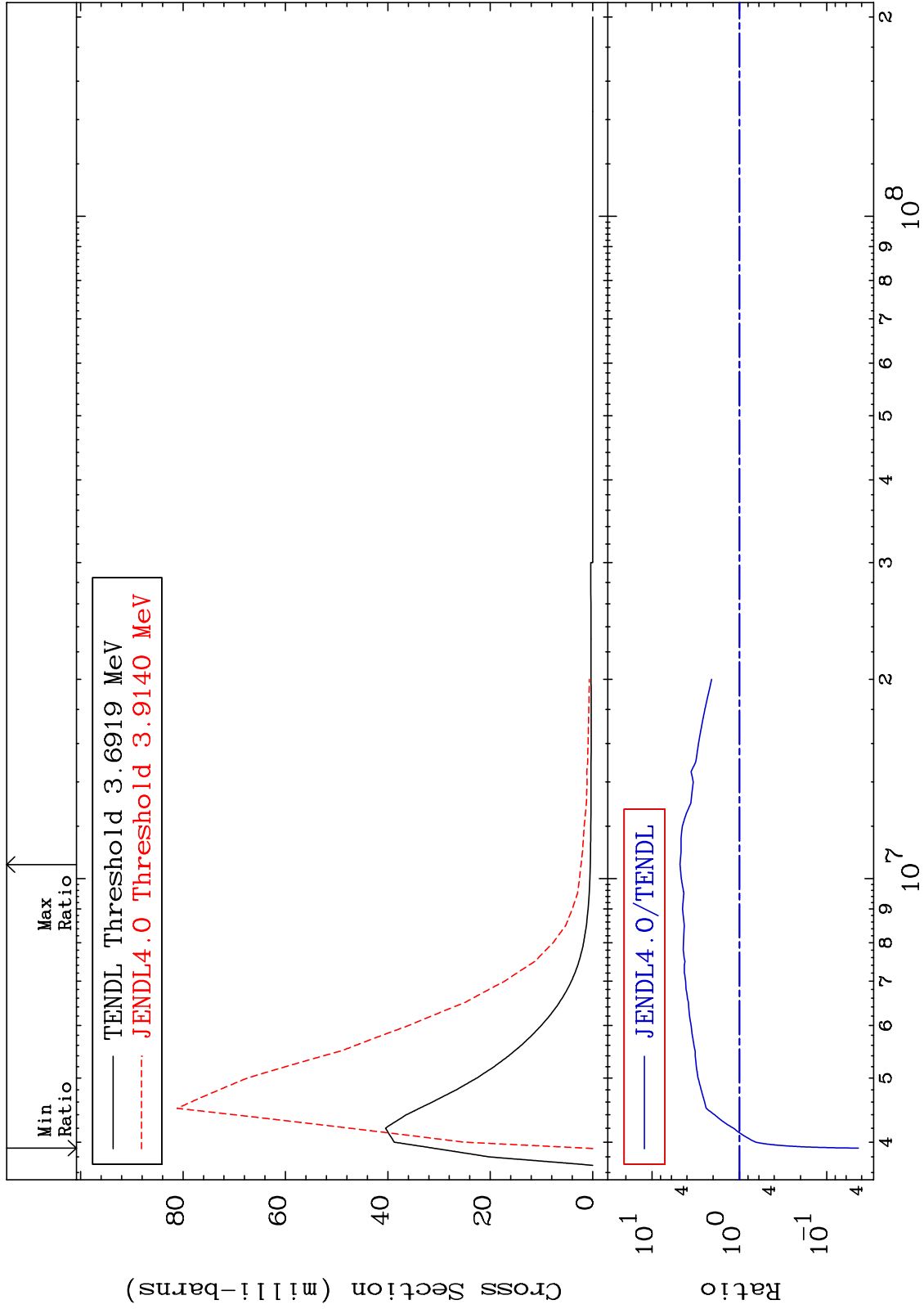
42-Mo-92
-16.30 To 2134. %



MAT 4225

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

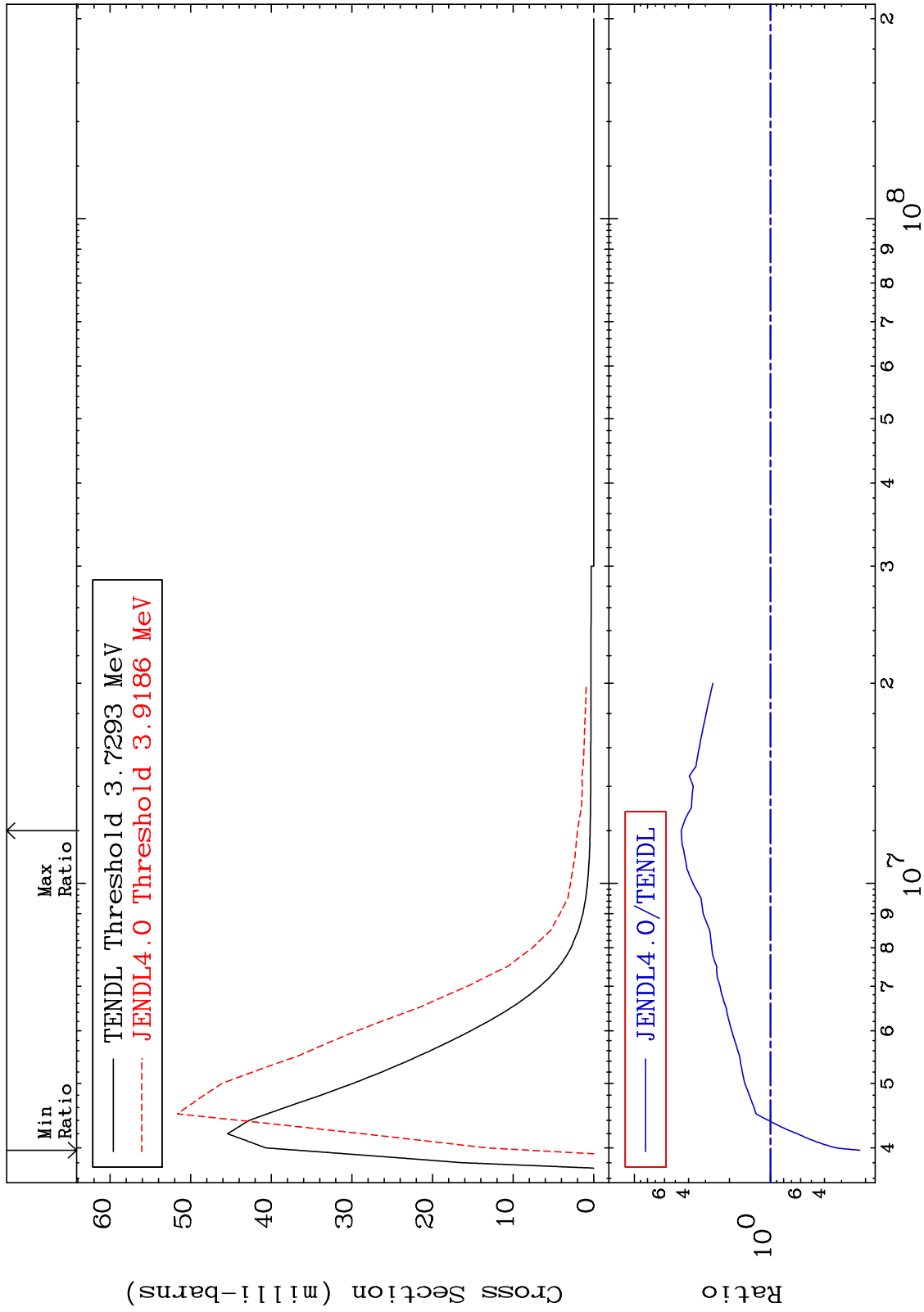
42-Mo-92
-95.65 To 378.8 %



MAT 4225

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

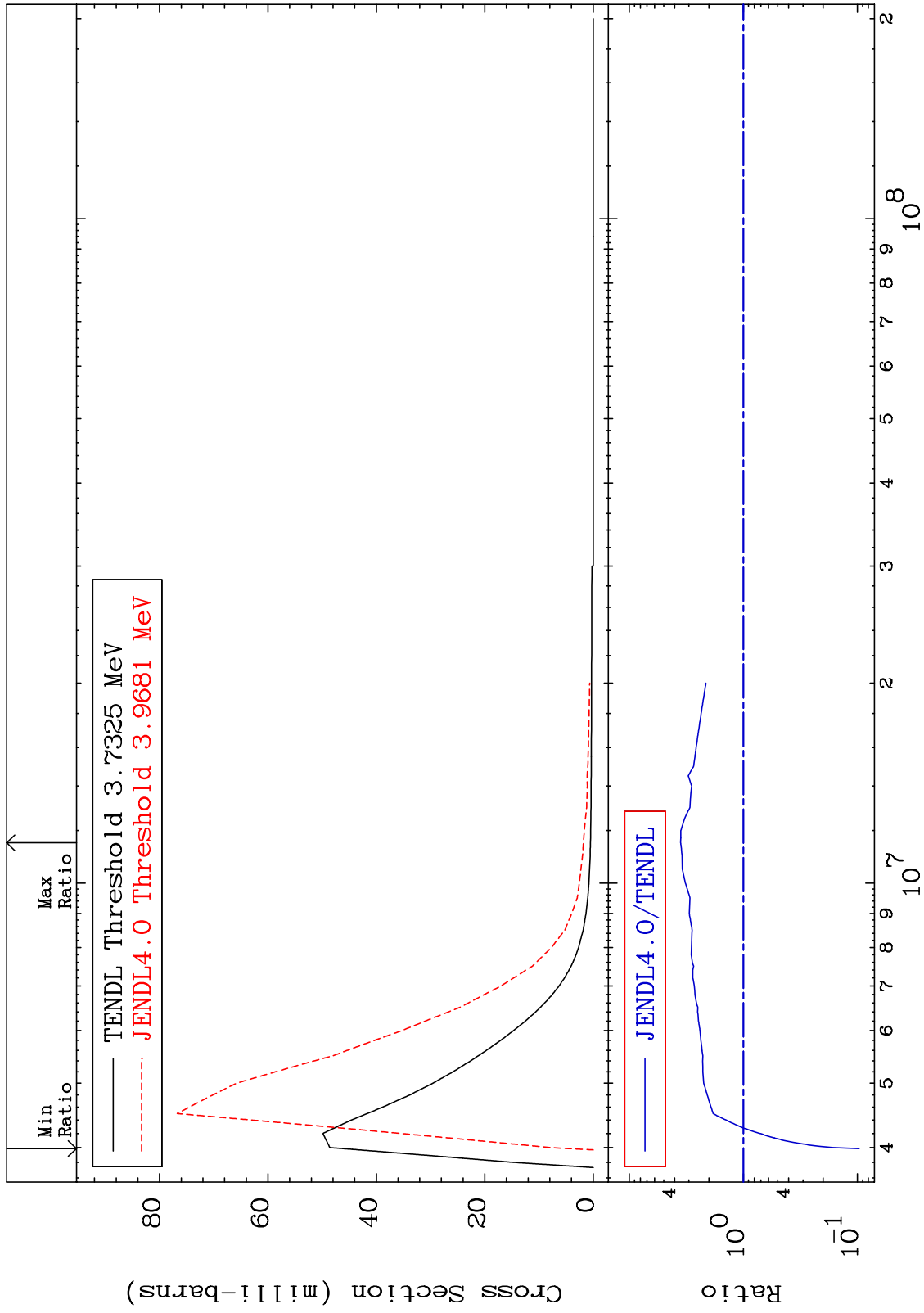
42-Mo-92
-78.02 To 352.6 %



MAT 4225

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

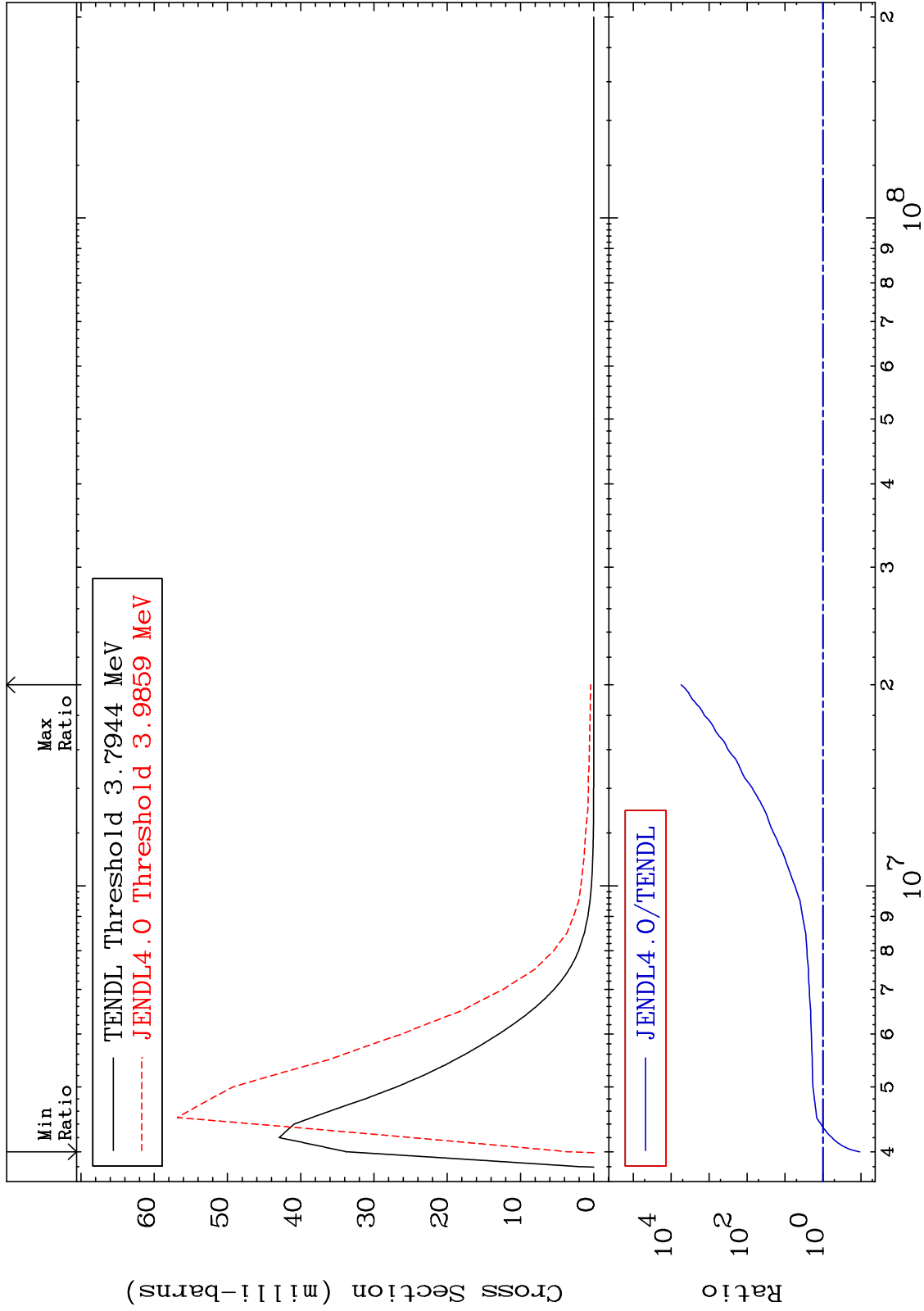
42-Mo-92
-90.37 To 255.0 %



MAT 4225

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

42-Mo-92
-89.40 To 9999. %



30

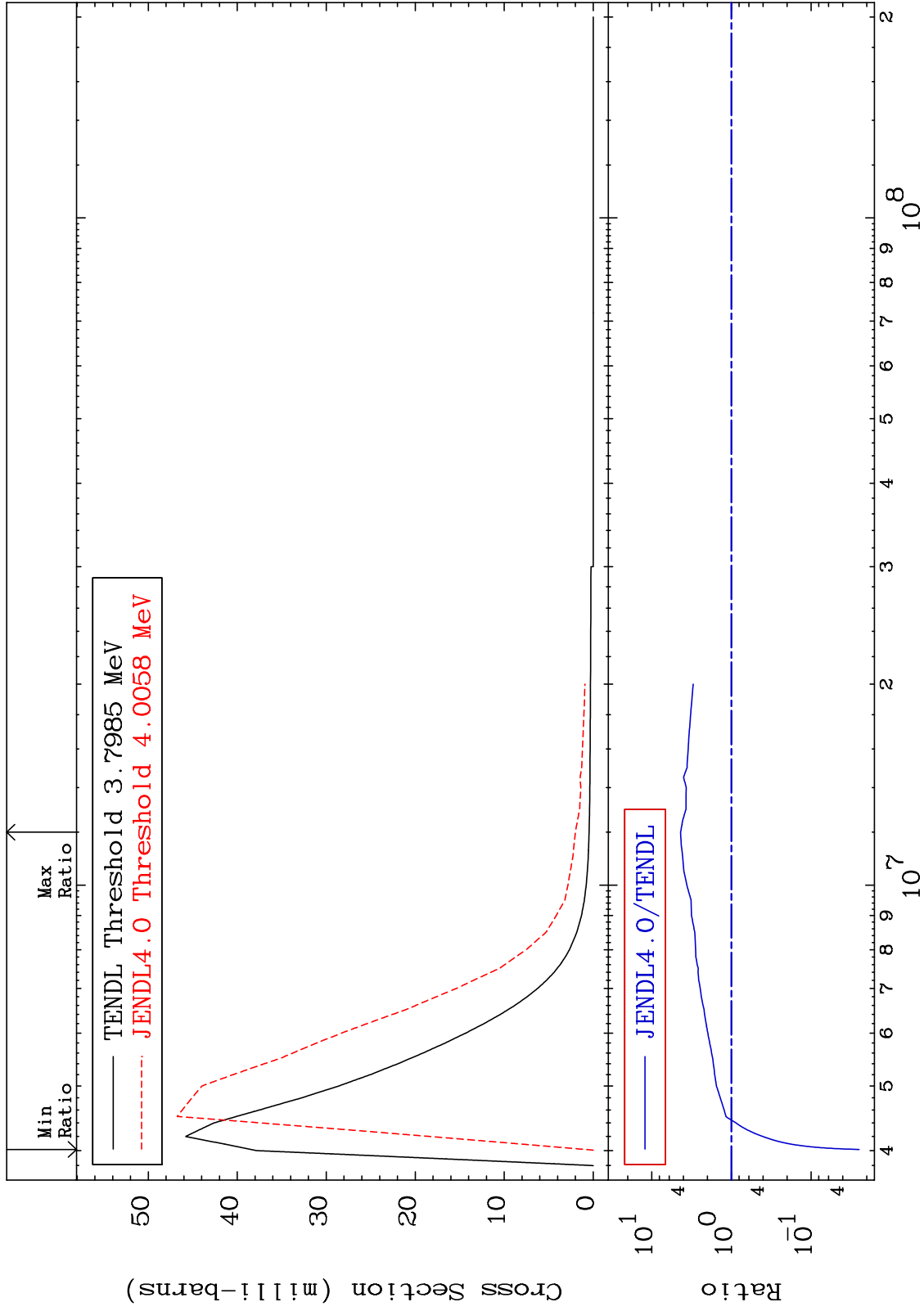
Incident Energy (eV)

42-Mo-92

MAT 4225

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

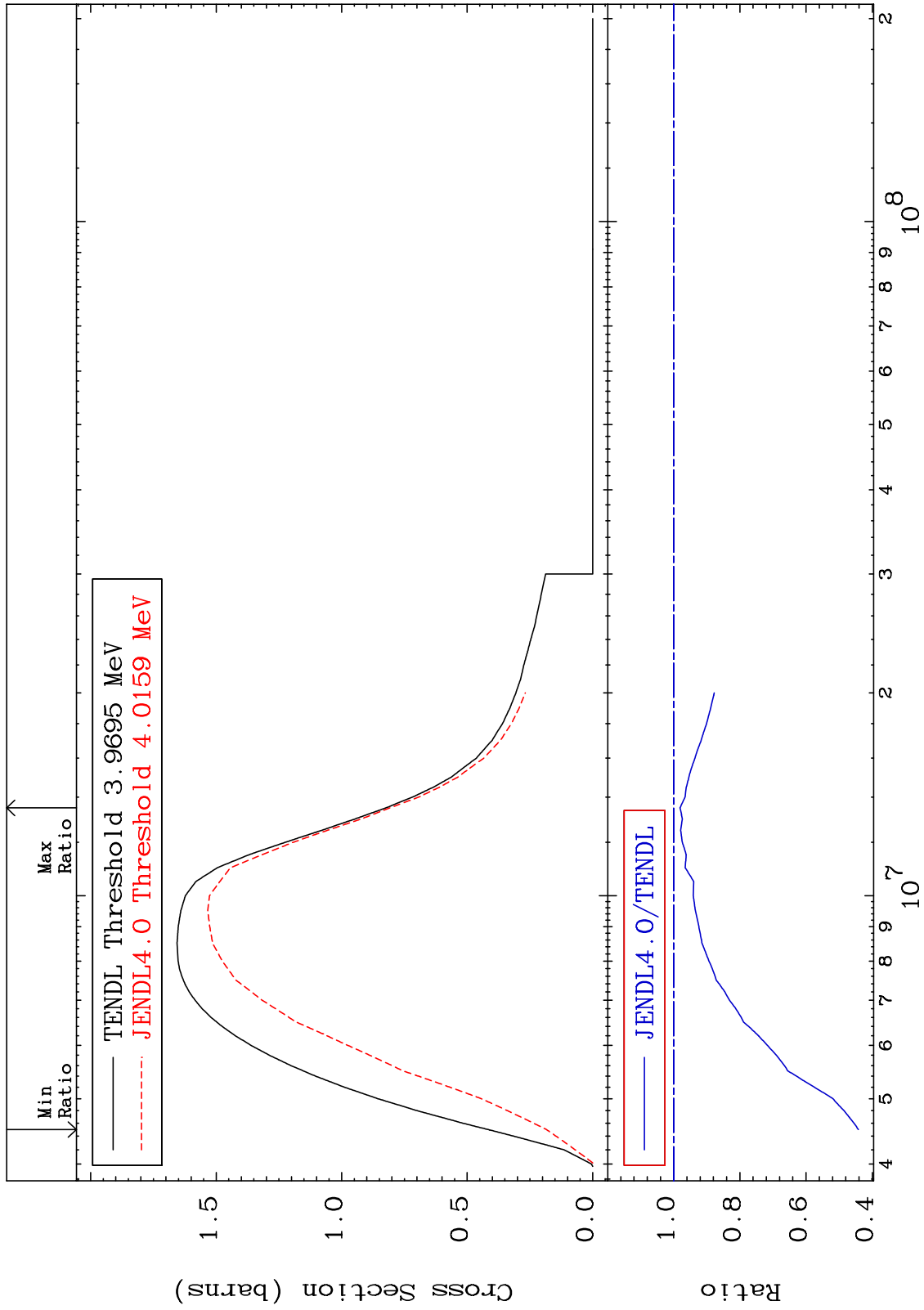
42-Mo-92
-97.51 To 332.7 %



MAT 4225

(n,n') Continuum
Cross Section

42-Mo-92
-55.82 To -1.910%



32

Incident Energy (eV)

42-Mo-92

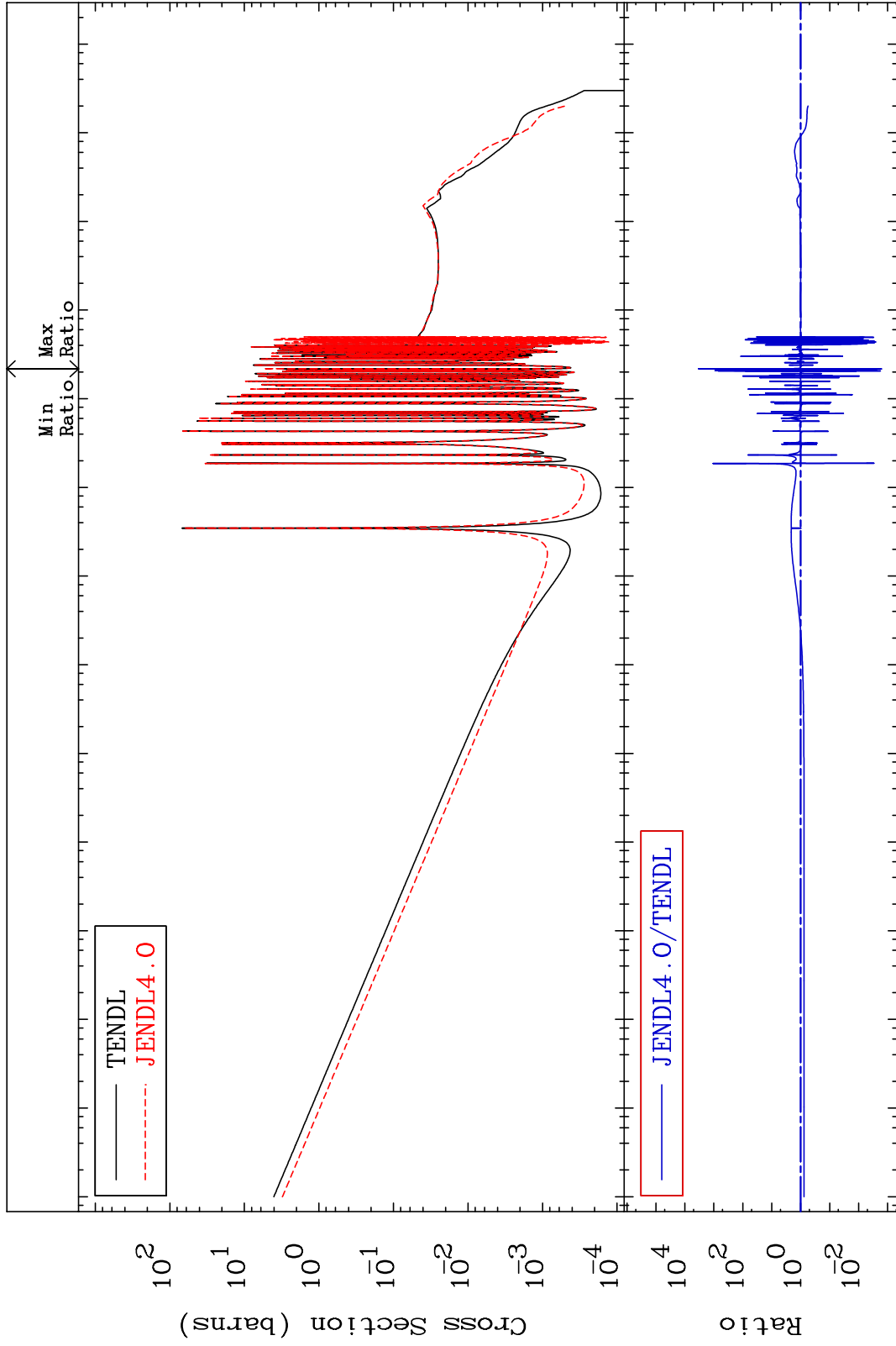
MAT 4225

(n, γ)

42-Mo-92

Cross Section

-99.84 To 9999. %



33

Incident Energy (eV)

42-Mo-92

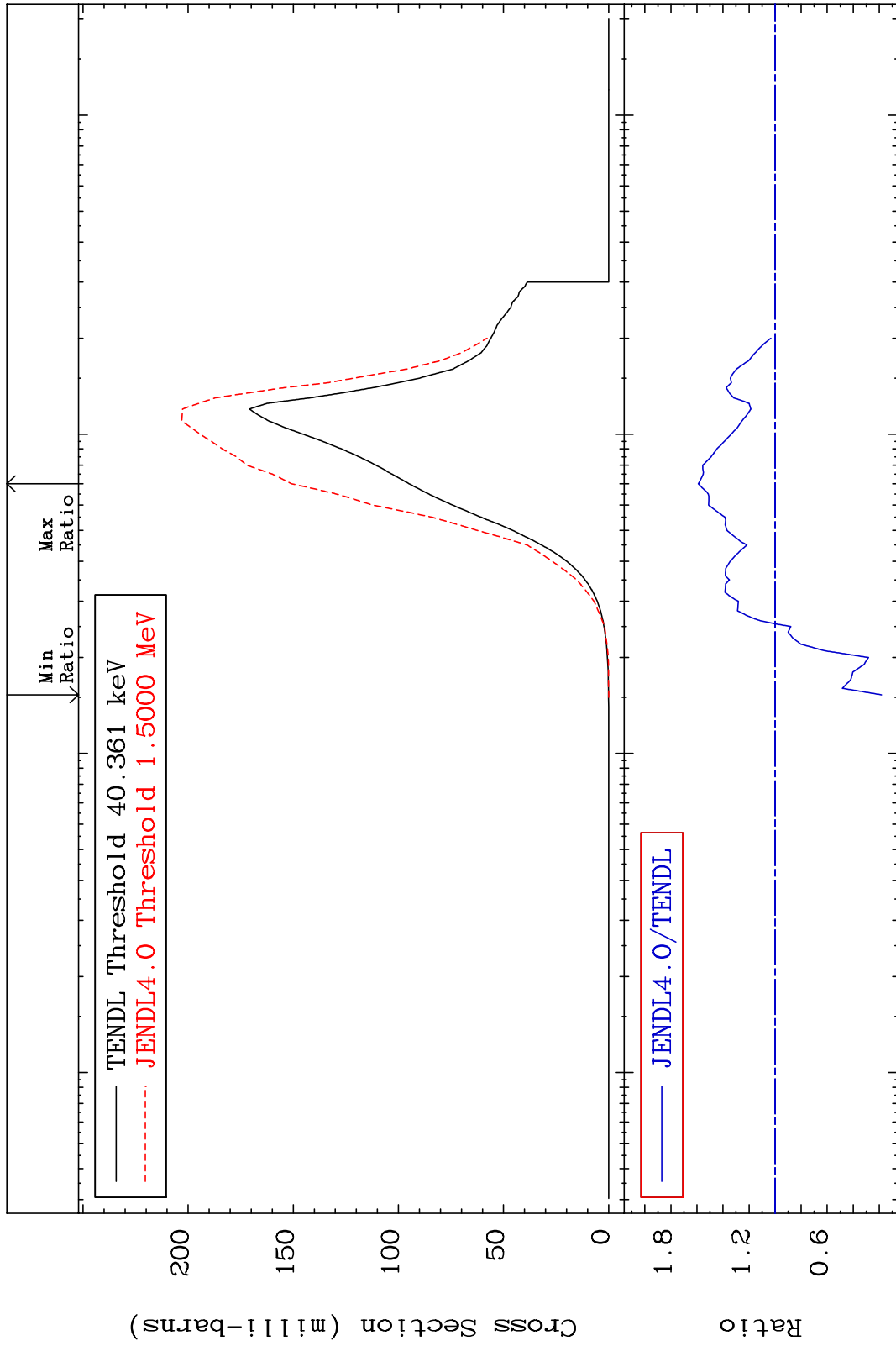
MAT 4225

(n, p)

42-Mo-92

-81.75 To 58.92 %

Cross Section



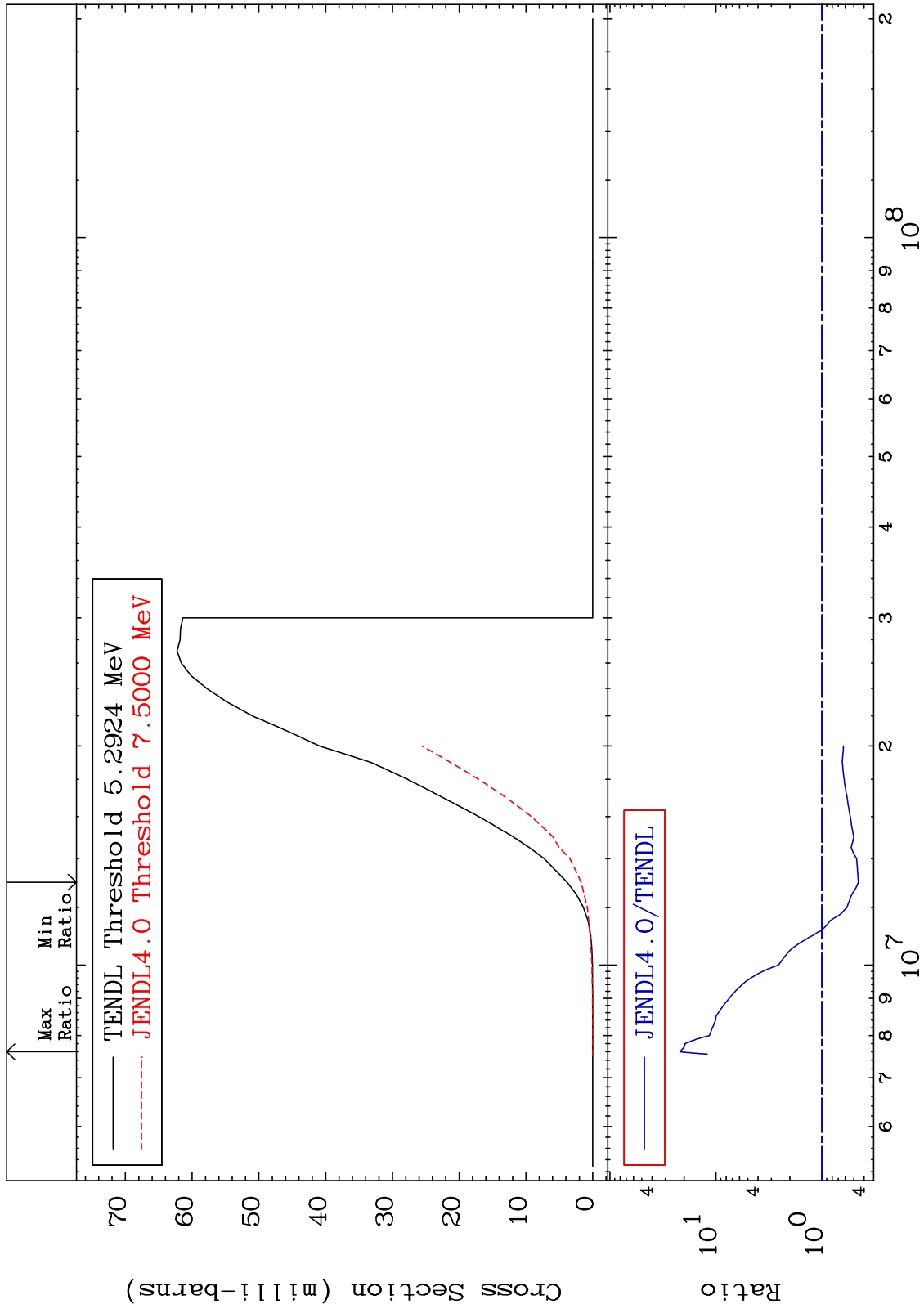
MAT 4225

(n,d)

42-Mo-92

Cross Section

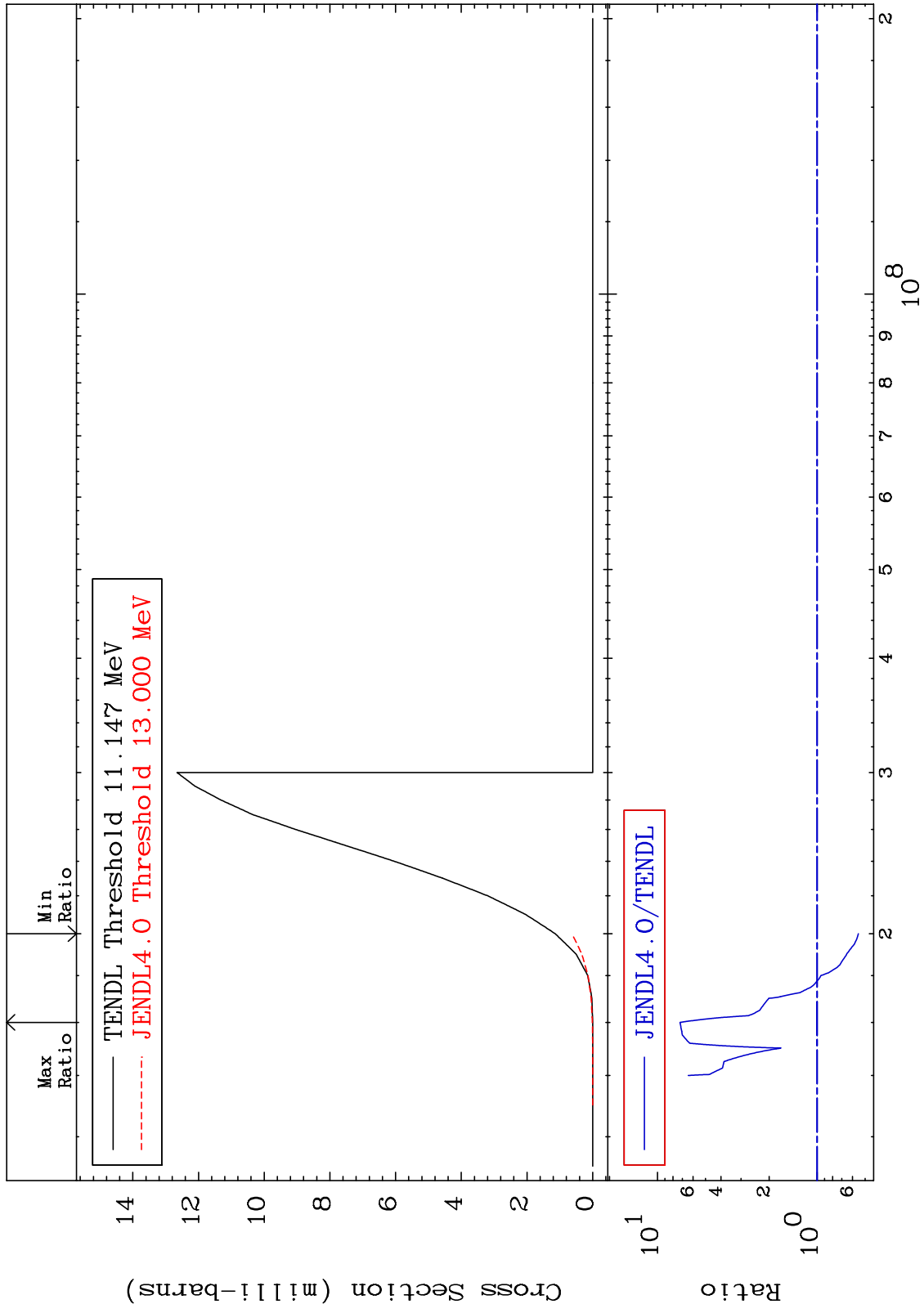
-54.79 To 2081. %



35

Incident Energy (eV)

42-Mo-92



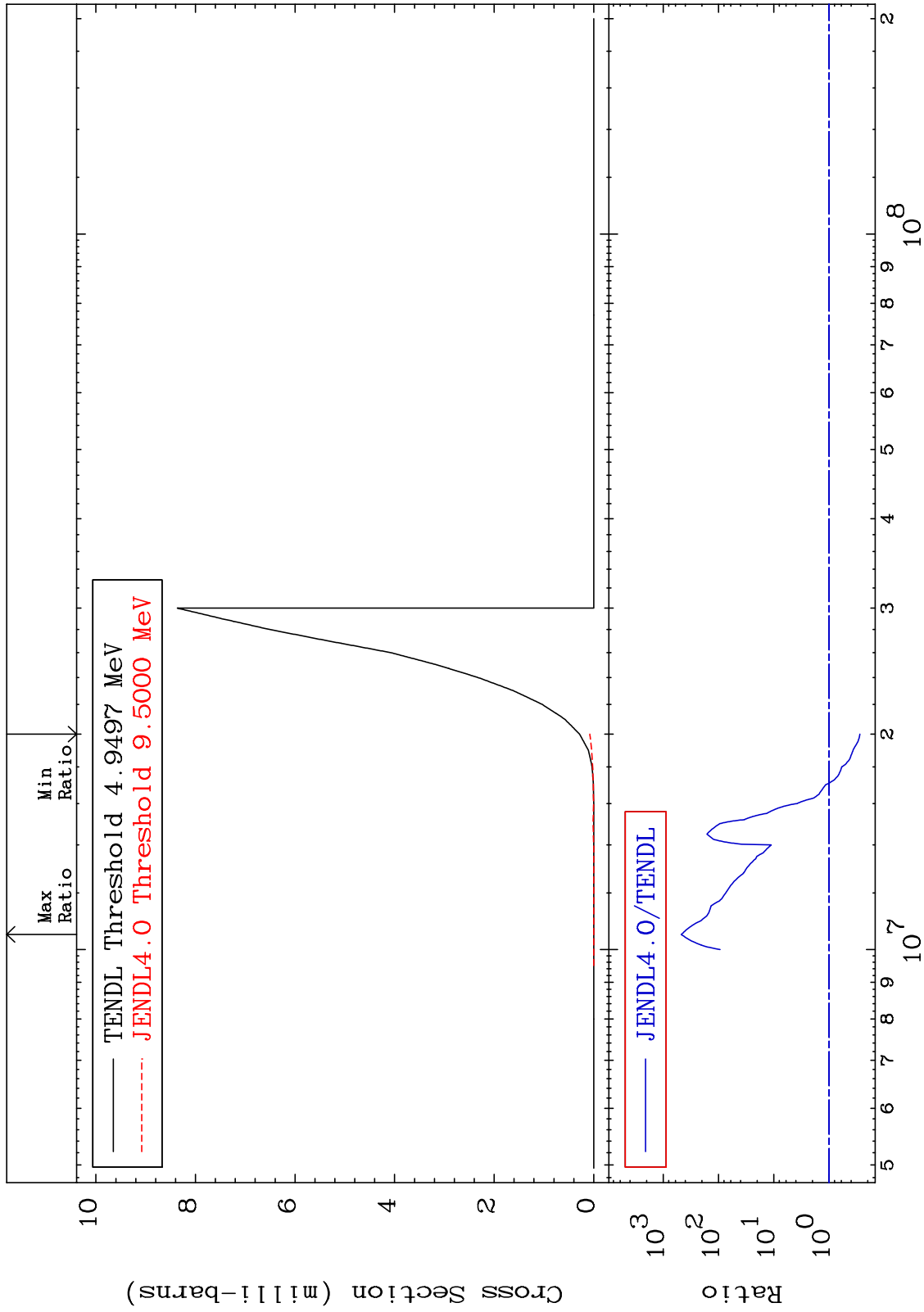
MAT 4225

(n, He-3)

42-Mo-92

Cross Section

-72.34 To 9999. %



37

42-Mo-92

42-Mo-92

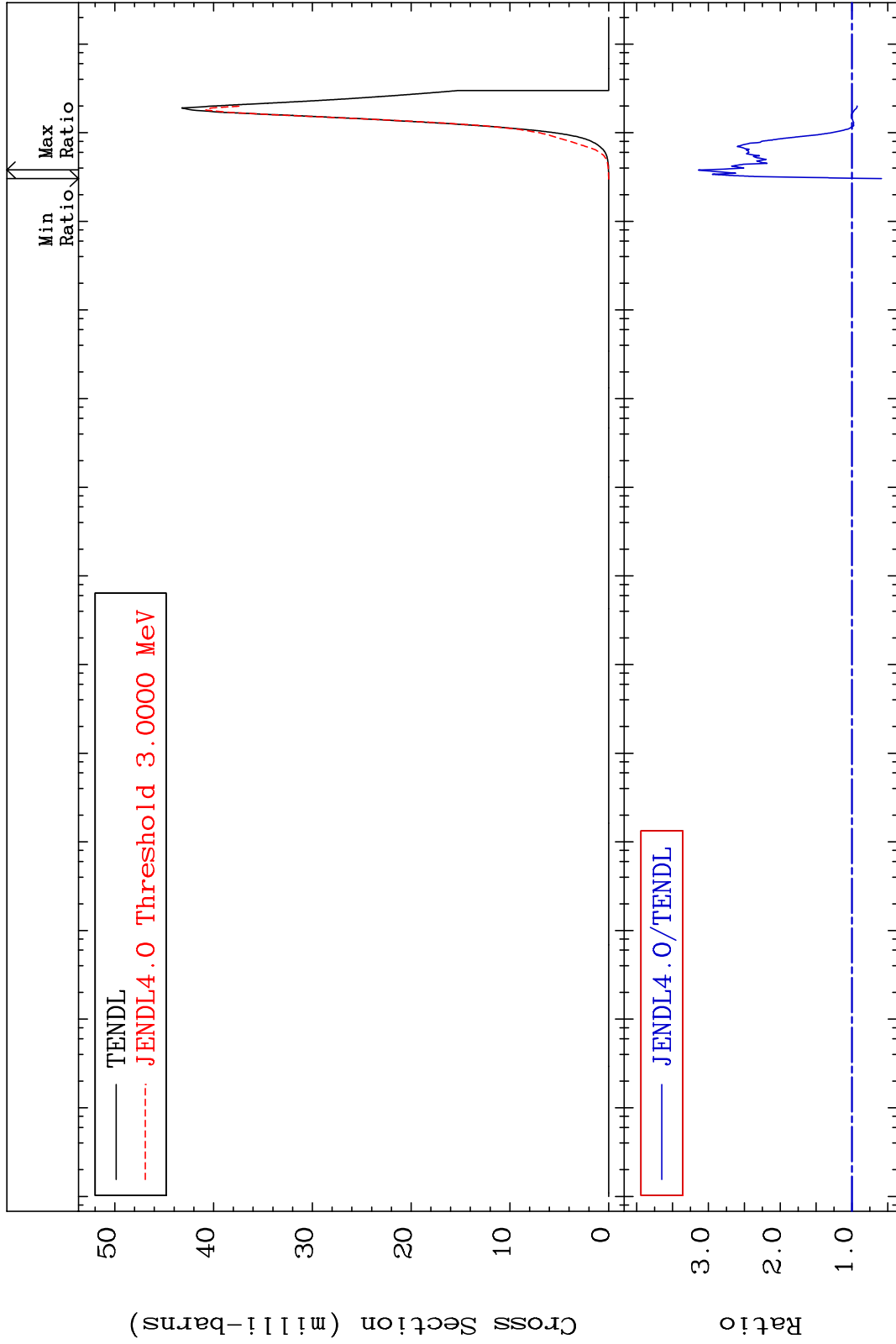
MAT 4225

(n, α)

42-Mo-92

Cross Section

-41.25 To 214.1 %



38

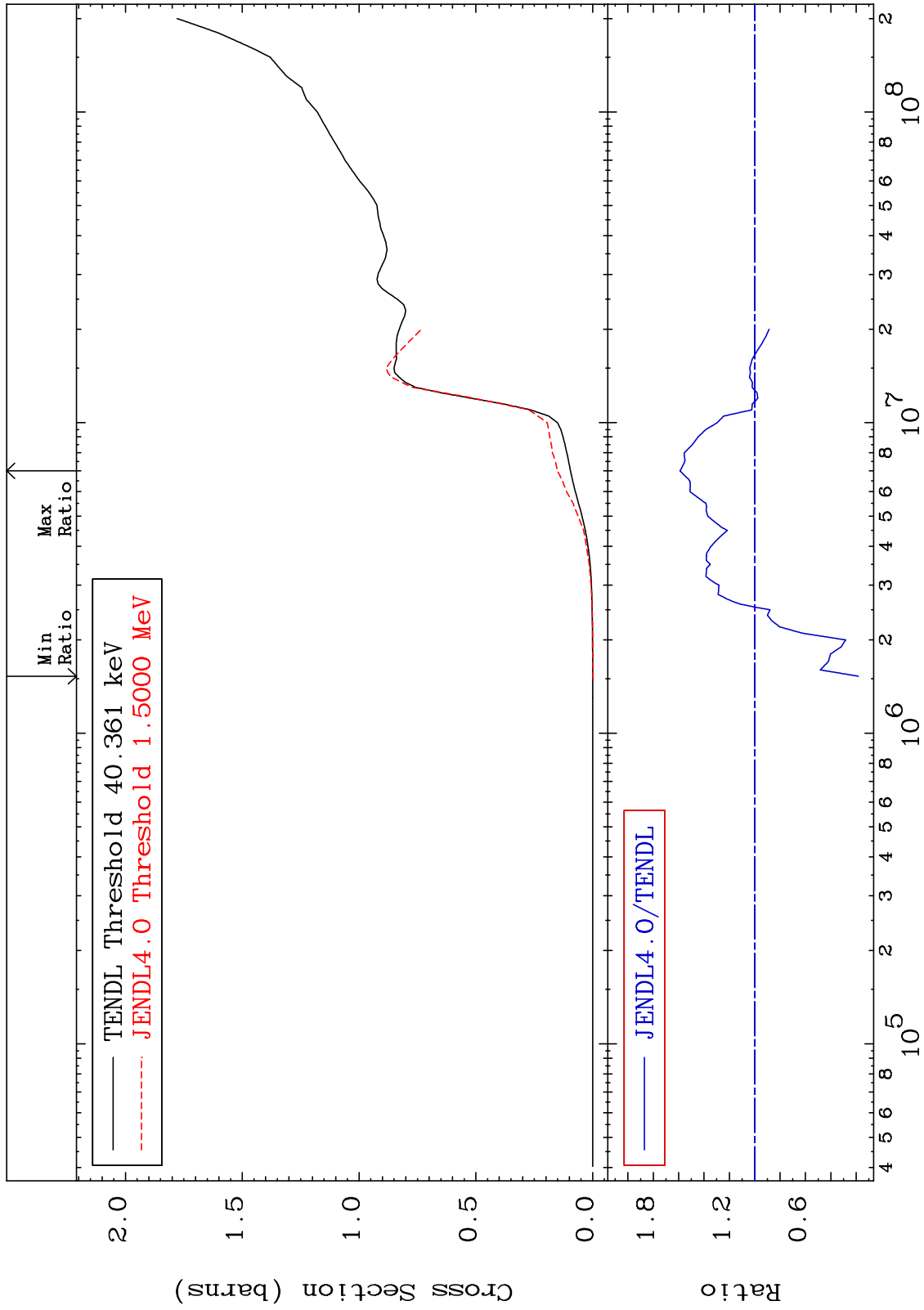
Incident Energy (eV)

42-Mo-92

MAT 4225

Hydrogen Production
Cross Section

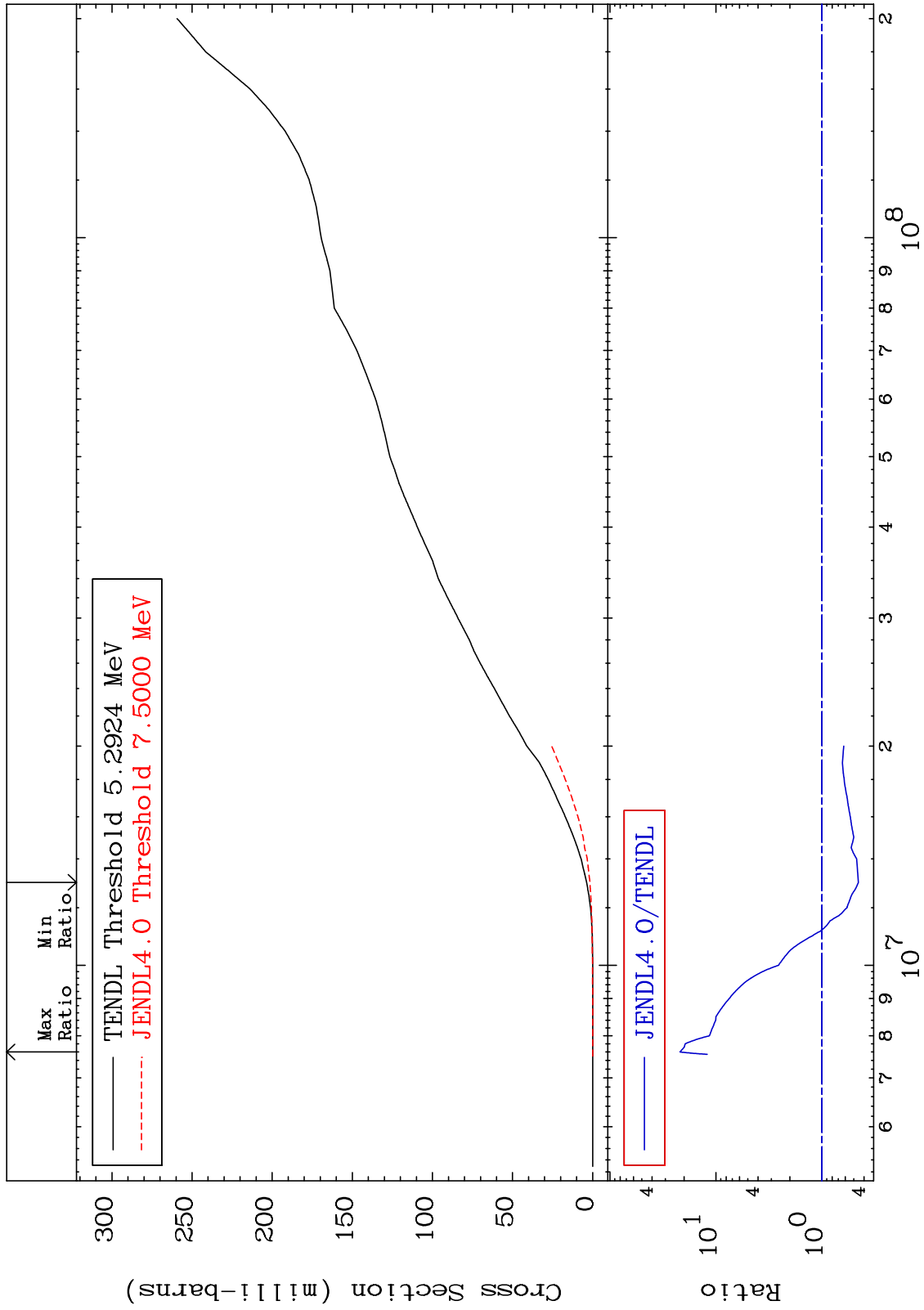
42-Mo-92
-81.75 To 58.92 %



MAT 4225

Deuterium Production
Cross Section

42-Mo-92
-54.79 To 2081. %



40

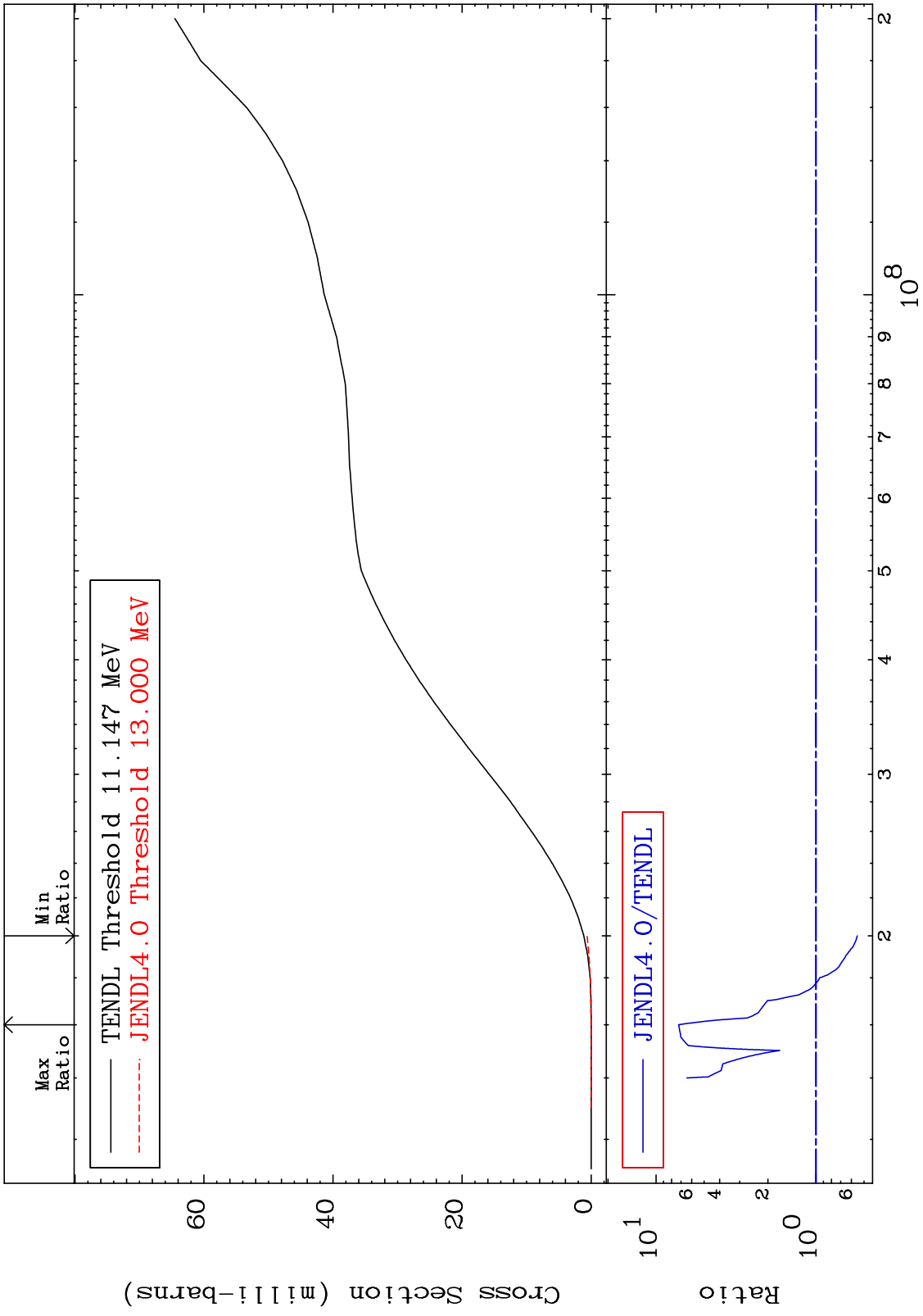
Incident Energy (eV)

42-Mo-92

MAT 4225

Tritium Production
Cross Section

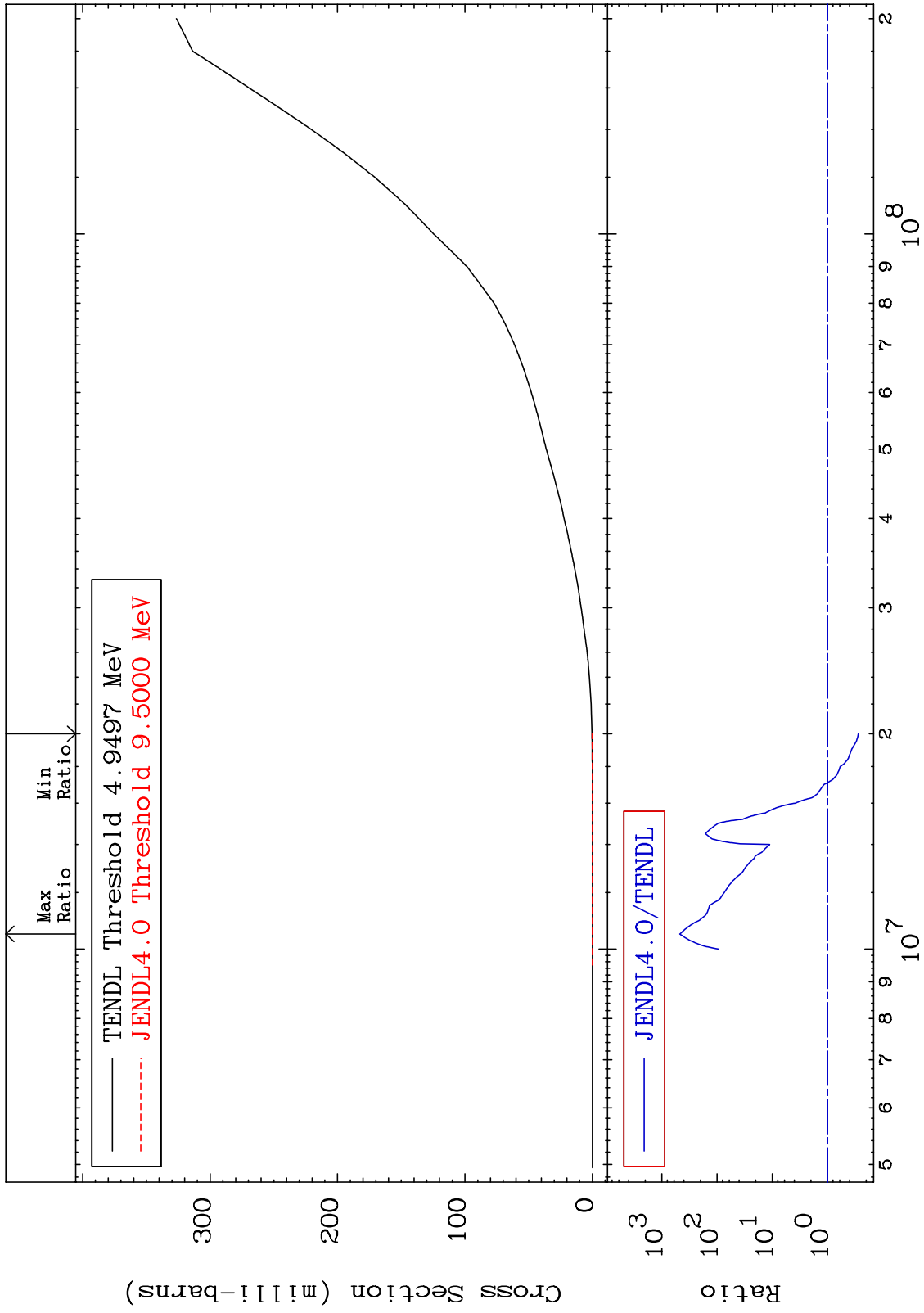
42-Mo-92
-44.84 To 622.9 %



MAT 4225

He-3 Production
Cross Section

42-Mo-92
-72.34 To 9999. %



42

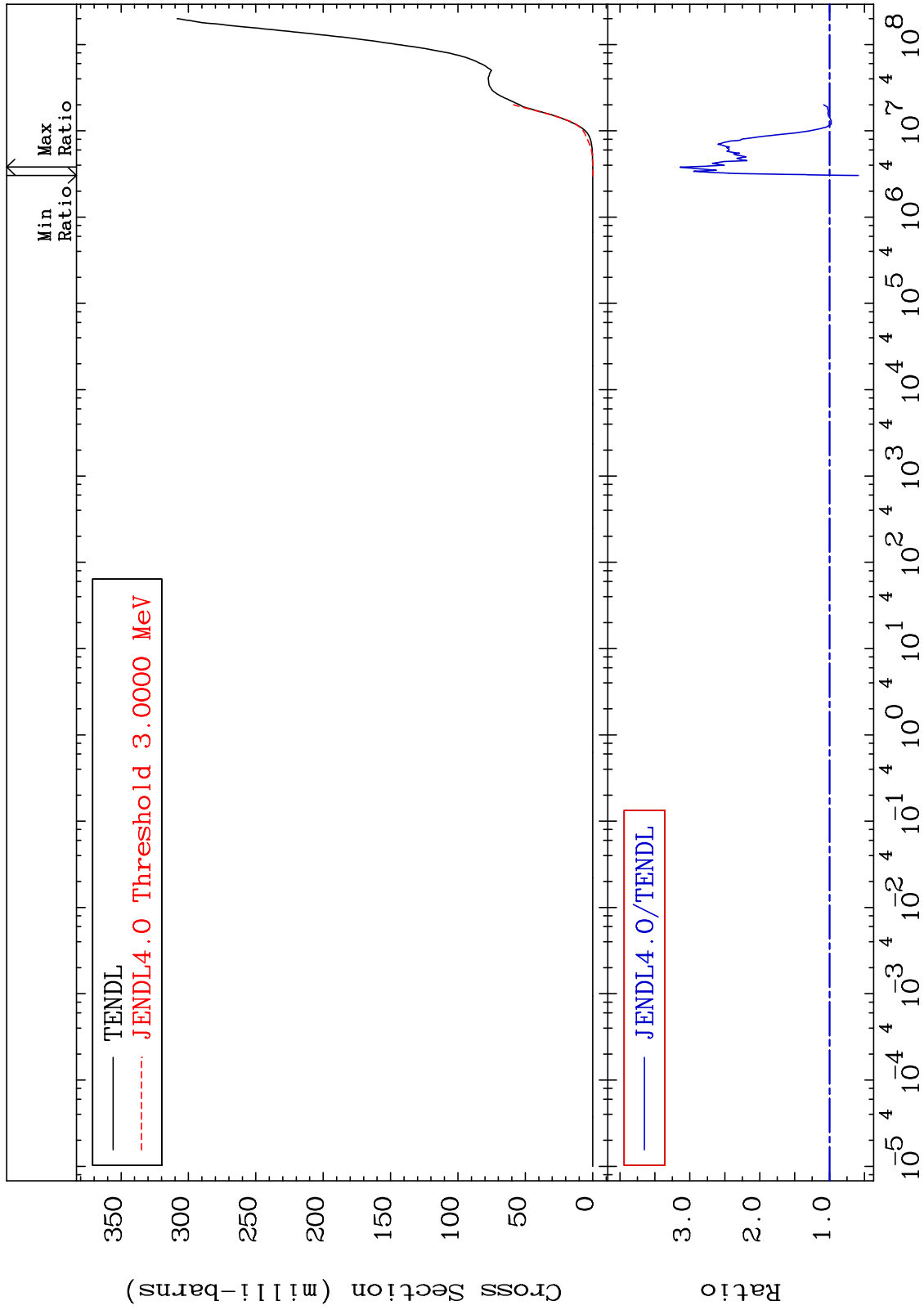
Incident Energy (eV)

42-Mo-92

MAT 4225

He-4 Production
Cross Section

42-Mo-92
-41.25 To 214.1 %



Incident Energy (eV)

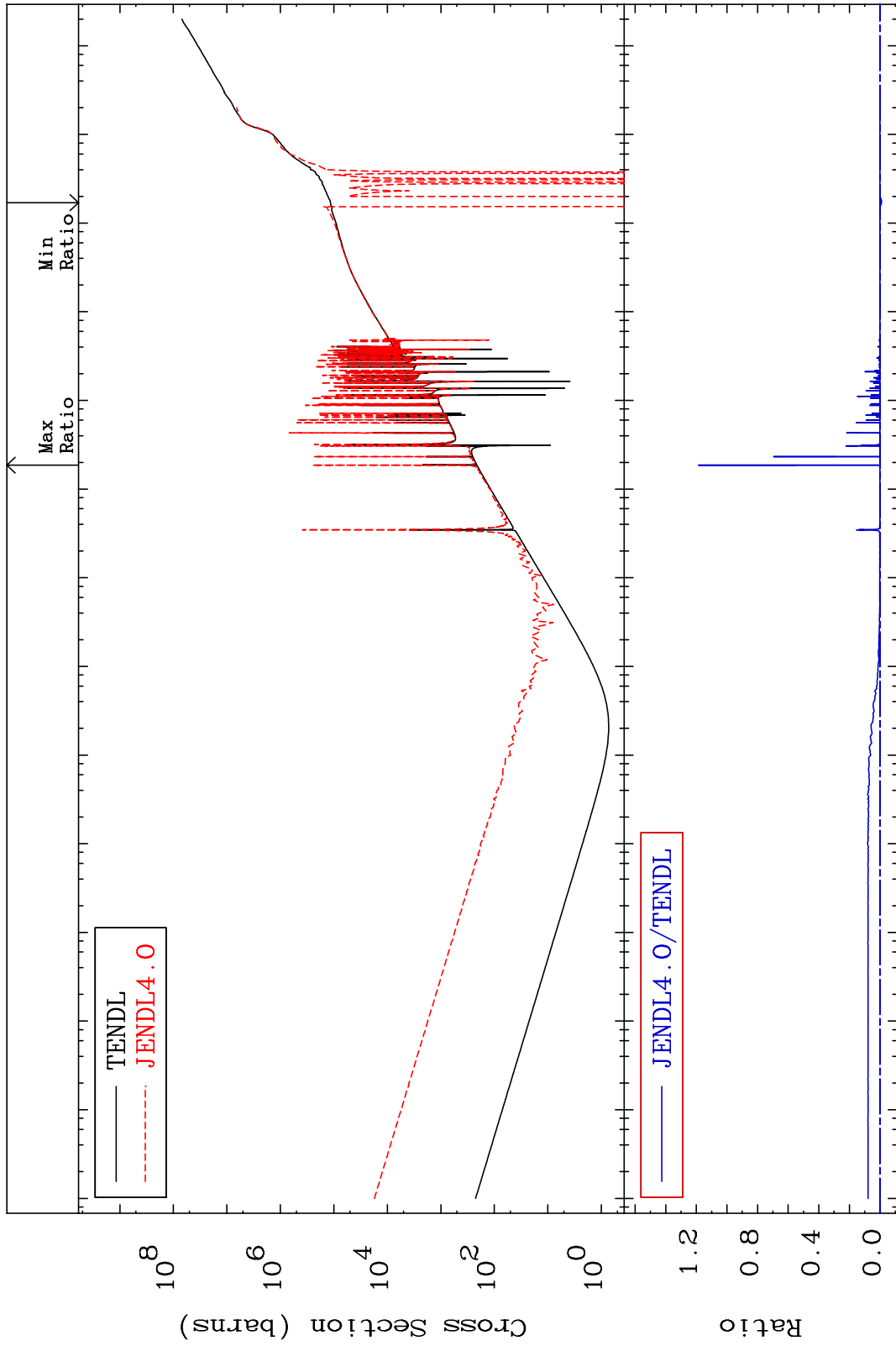
42-Mo-92

43

MAT 4225

Kerma total (eV-barns)
Cross Section

42-Mo-92
-1101. To 9999. %



44

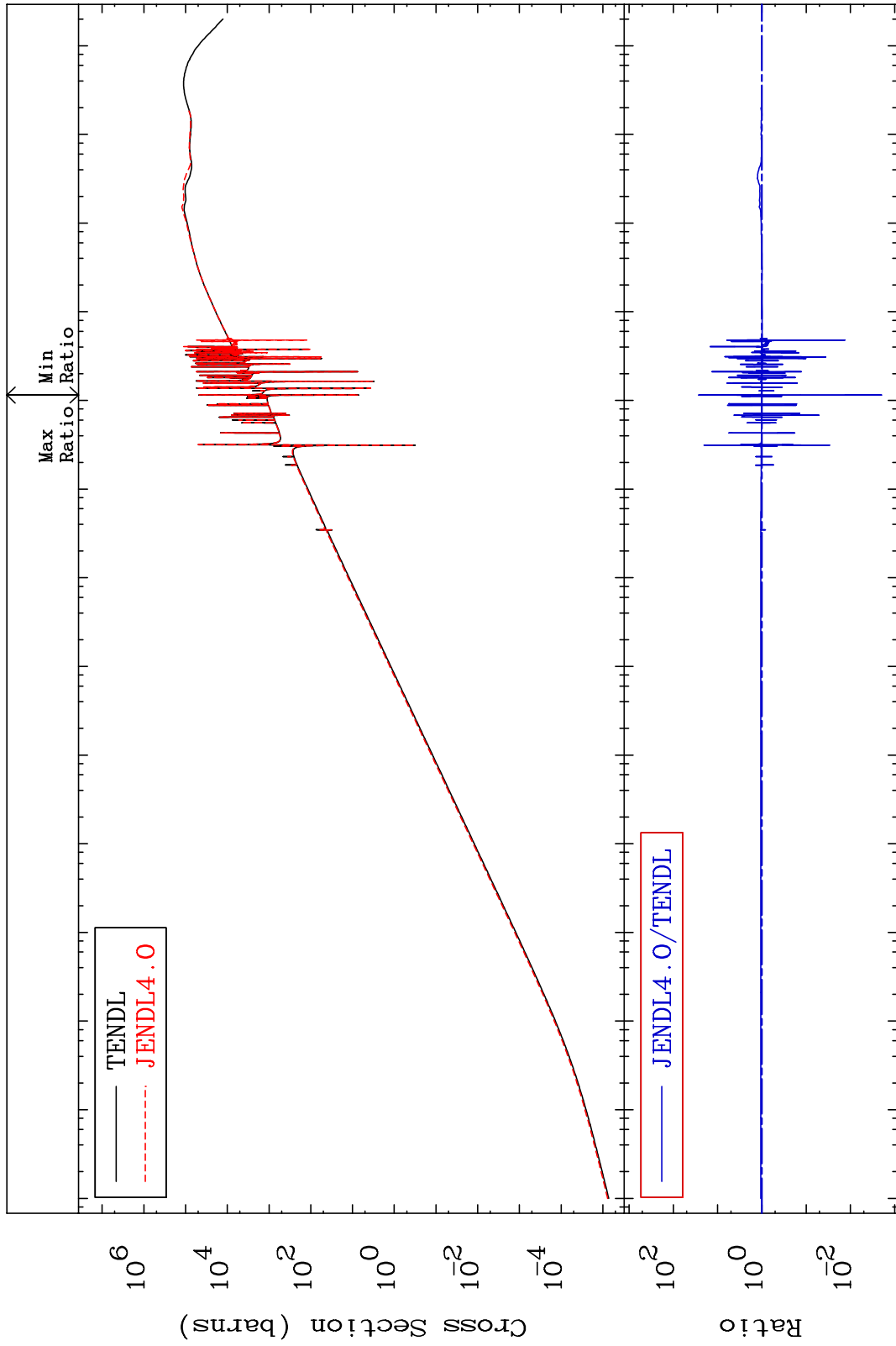
Incident Energy (eV)

42-Mo-92

MAT 4225

Kerma elastic
Cross Section

42-Mo-92
-99.80 To 2622. %



45

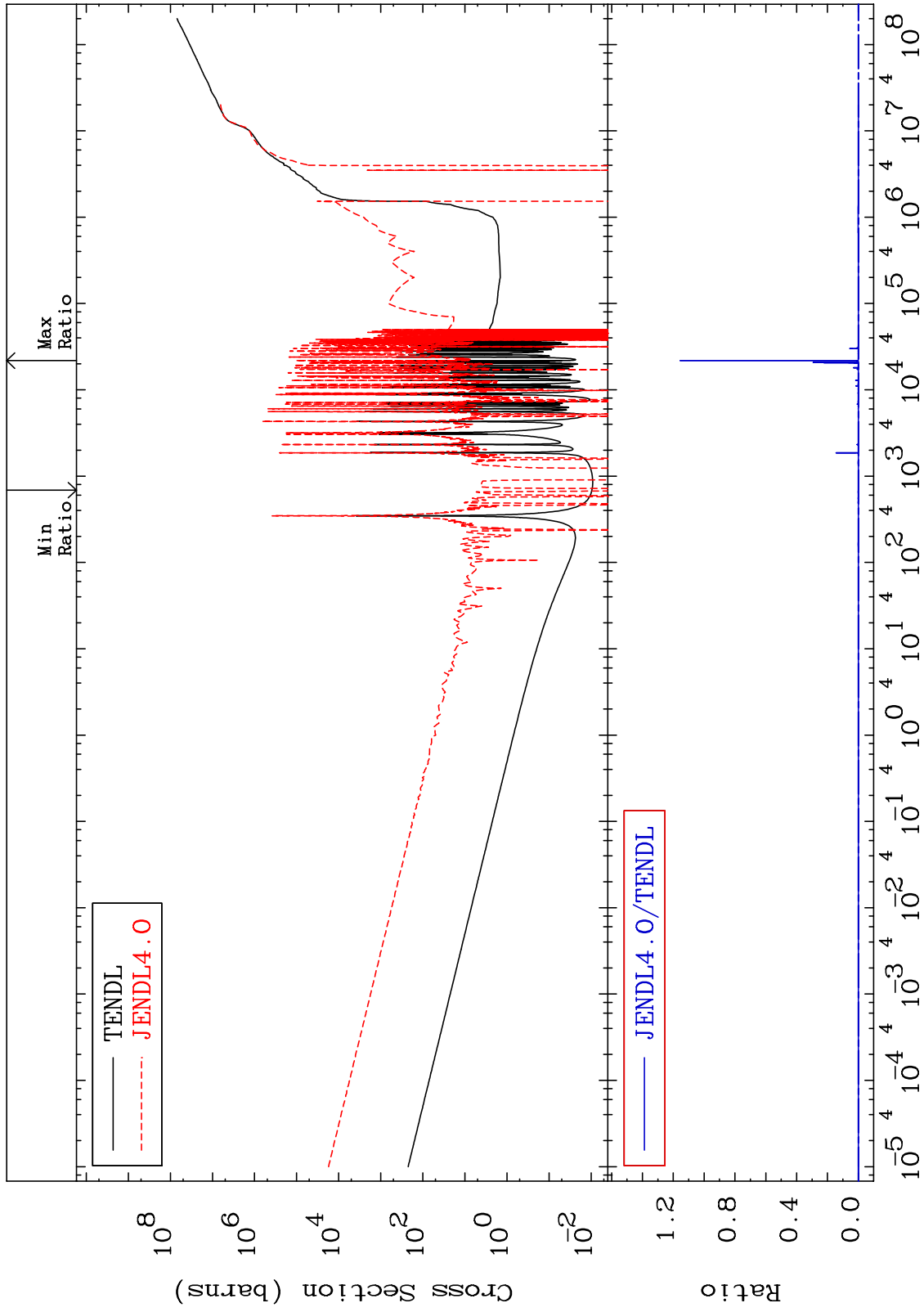
Incident Energy (eV)

42-Mo-92

MAT 4225

Kerma non-elastic (all but mt2)
Cross Section

42-Mo-92
-9999. To 9999. %



46

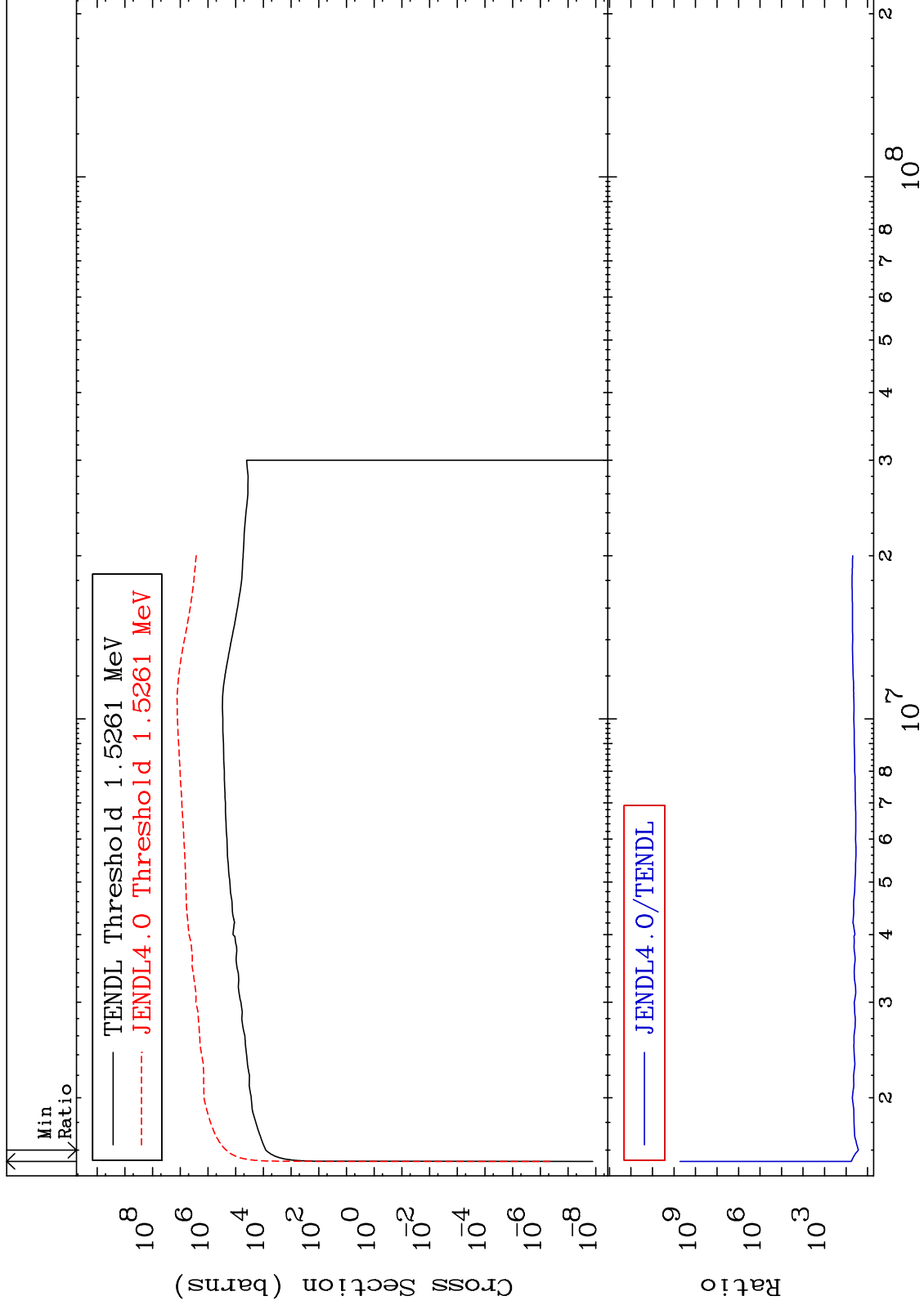
Incident Energy (eV)

42-Mo-92

MAT 4225

Kerma inelastic (mt51-91)
Cross Section

42-Mo-92
2575. To 9999. %

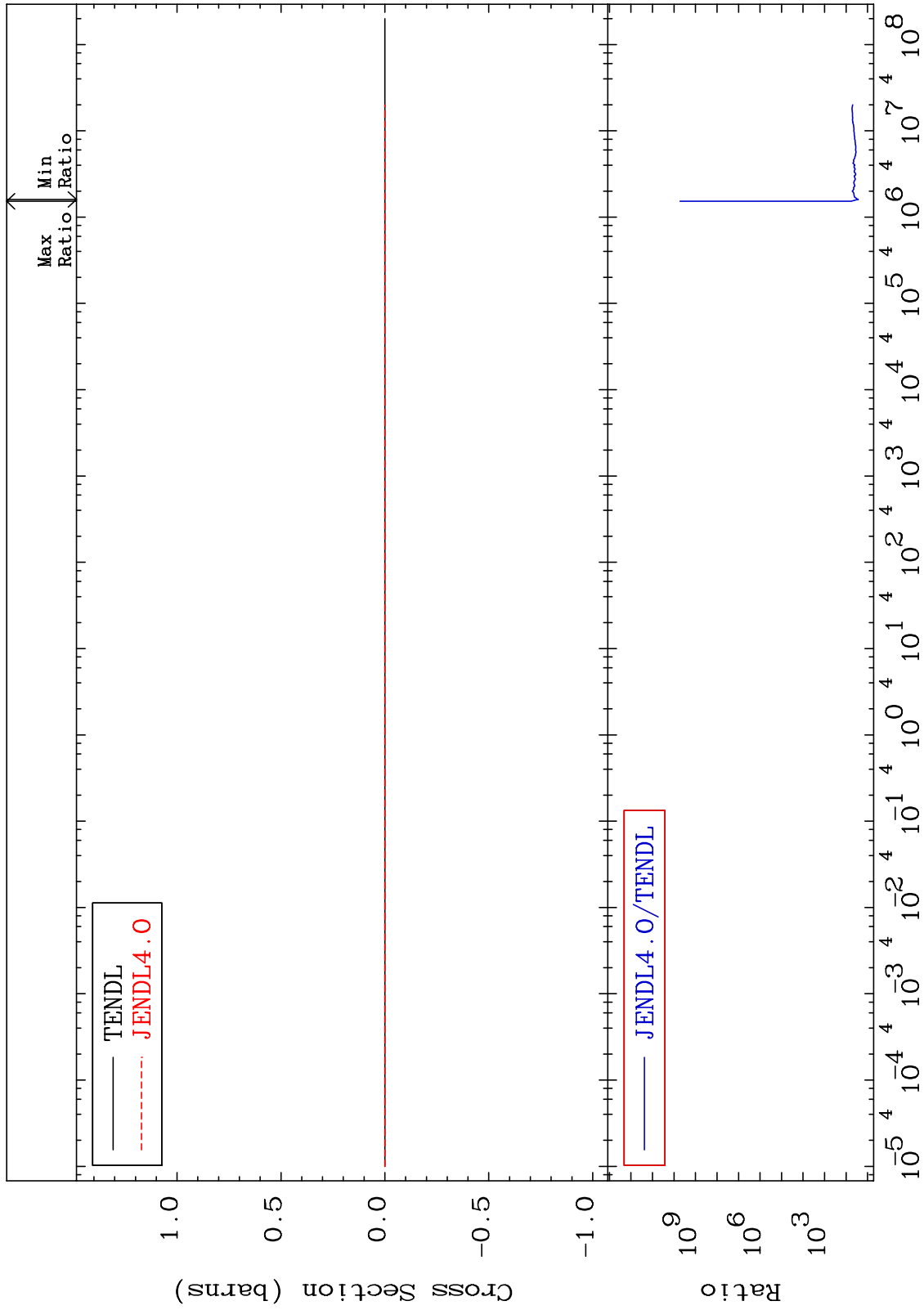


MAT 4225

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

2575. To 9999. %

42-Mo-92



48

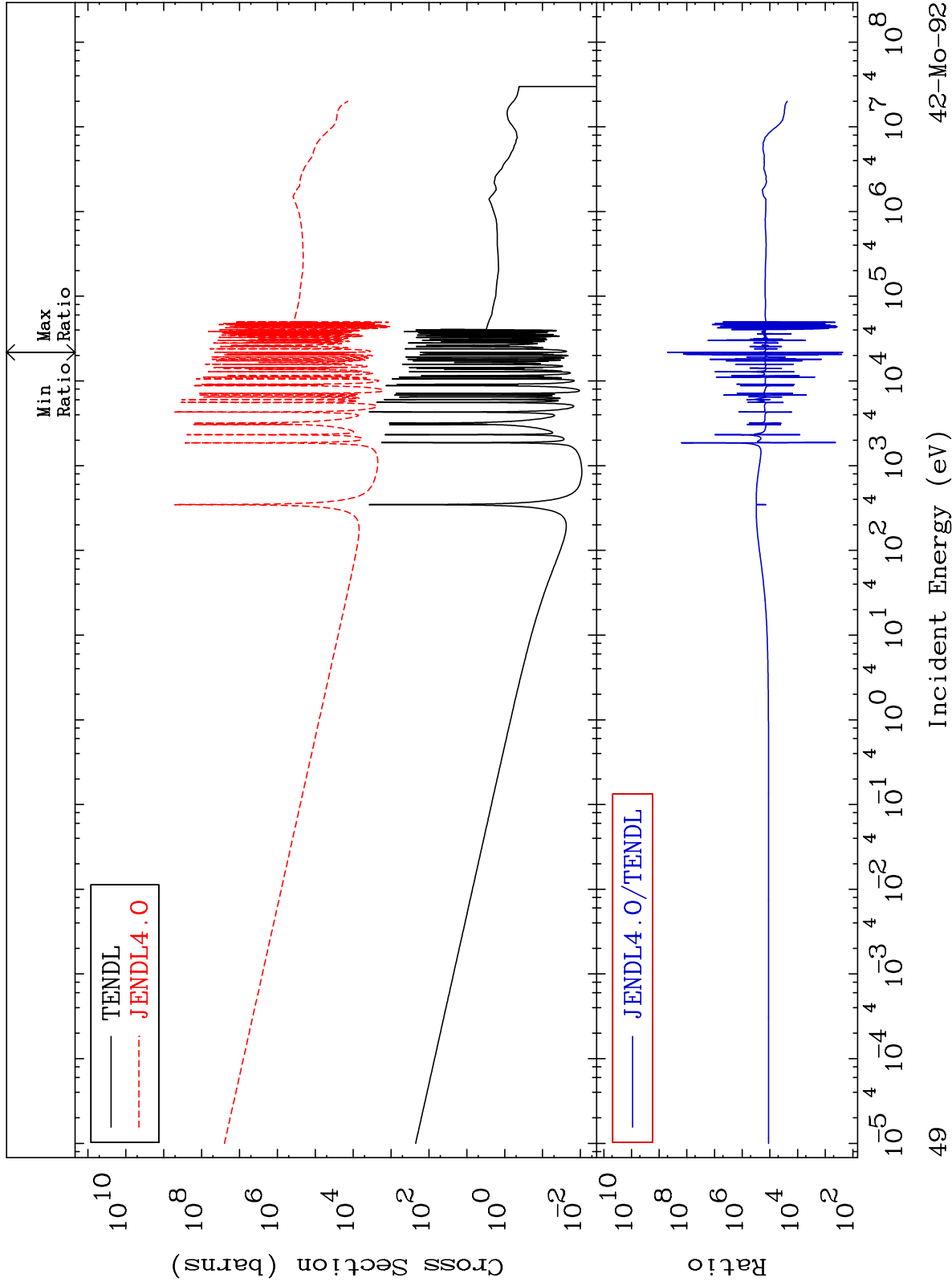
Incident Energy (eV)

42-Mo-92

MAT 4225

Kerma capture (mt102)
Cross Section

42-Mo-92
9999. To 9999. %



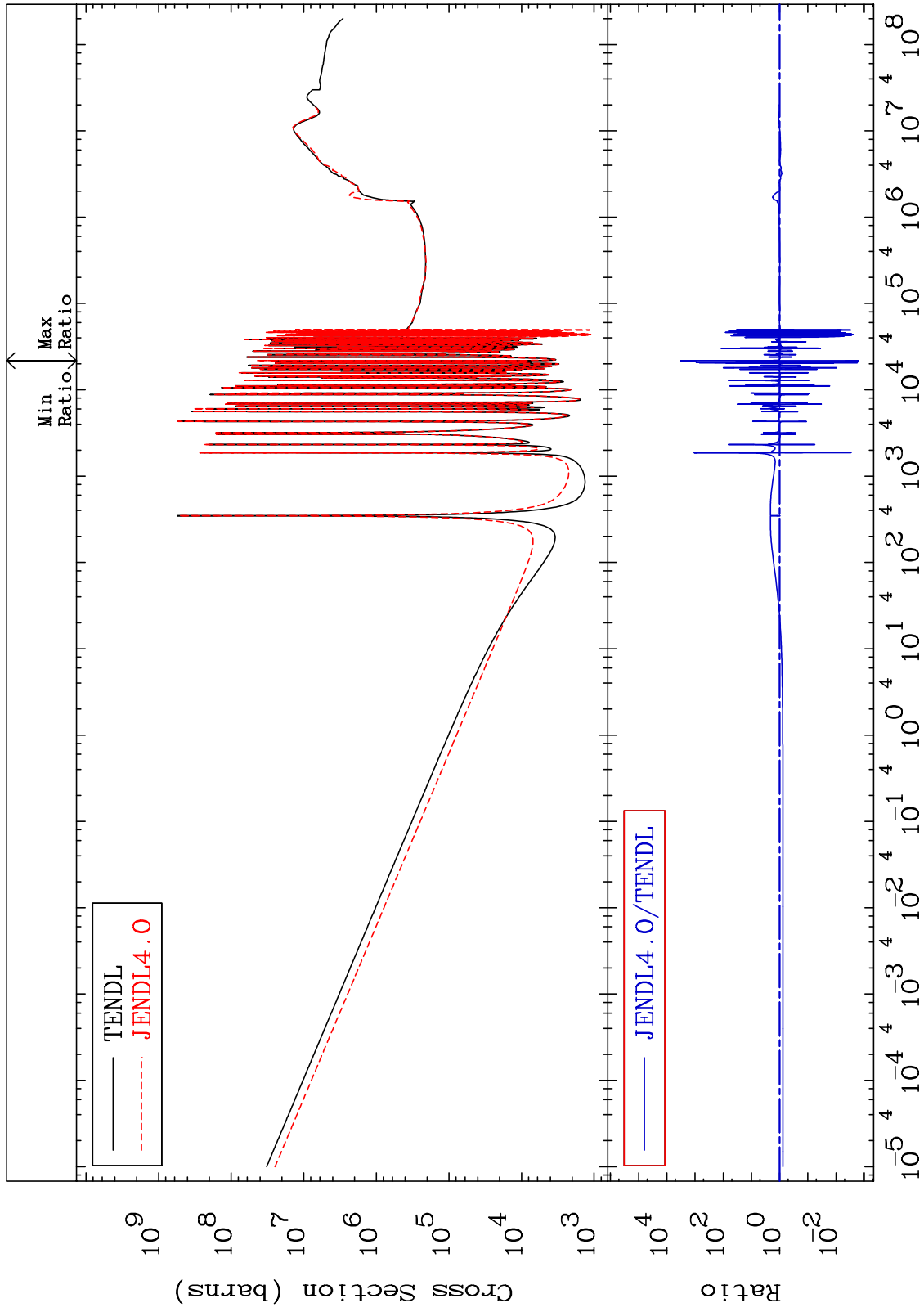
49

42-Mo-92

MAT 4225

Total photon (eV-barns)
Cross Section

42-Mo-92
-99.84 To 9999. %



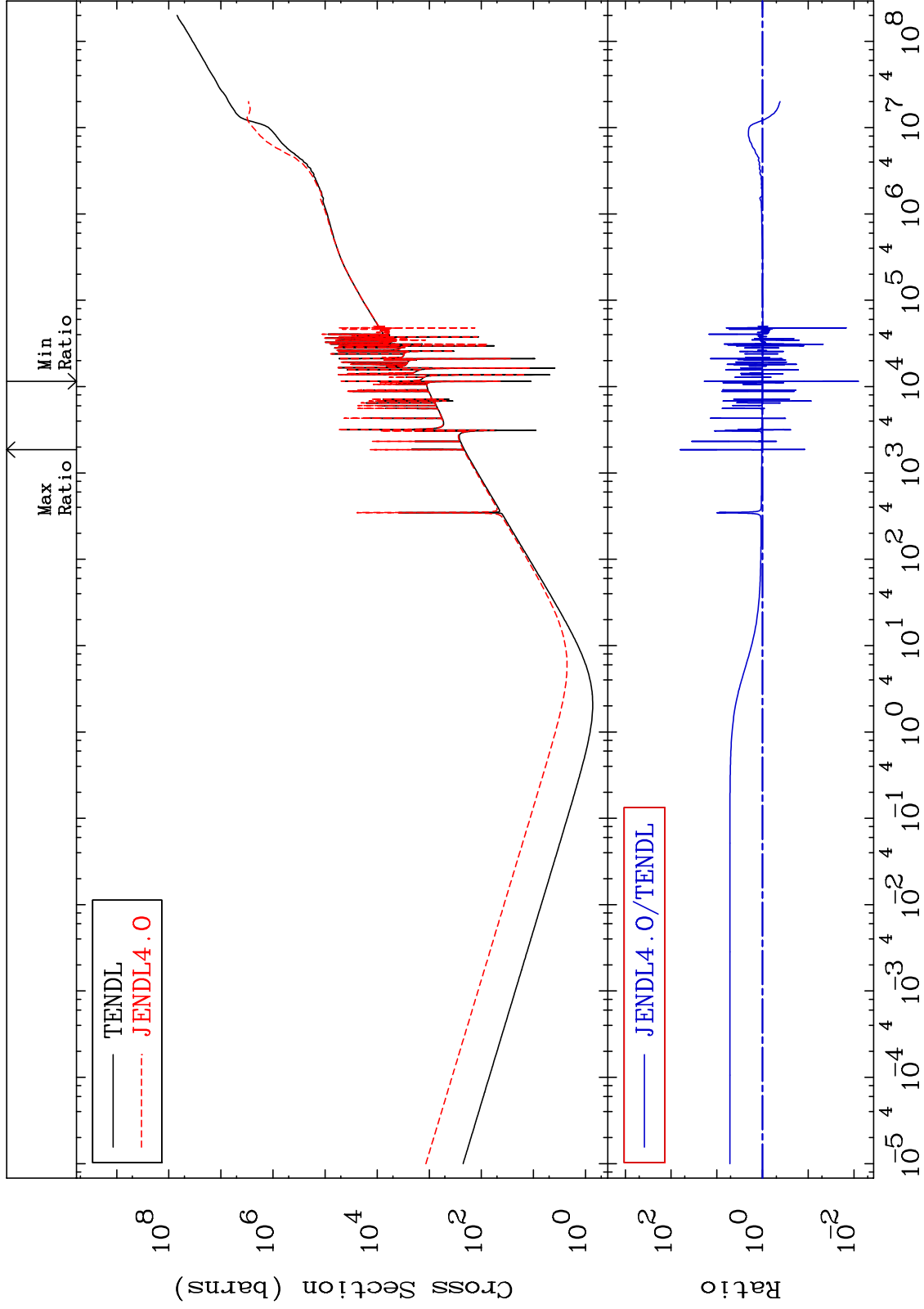
— TENDL
- - - JENDL4.0

— JENDL4.0/TENDL

MAT 4225

Total kinematic kerma (high limit)
Cross Section

42-Mo-92
-99.20 To 6278. %



51

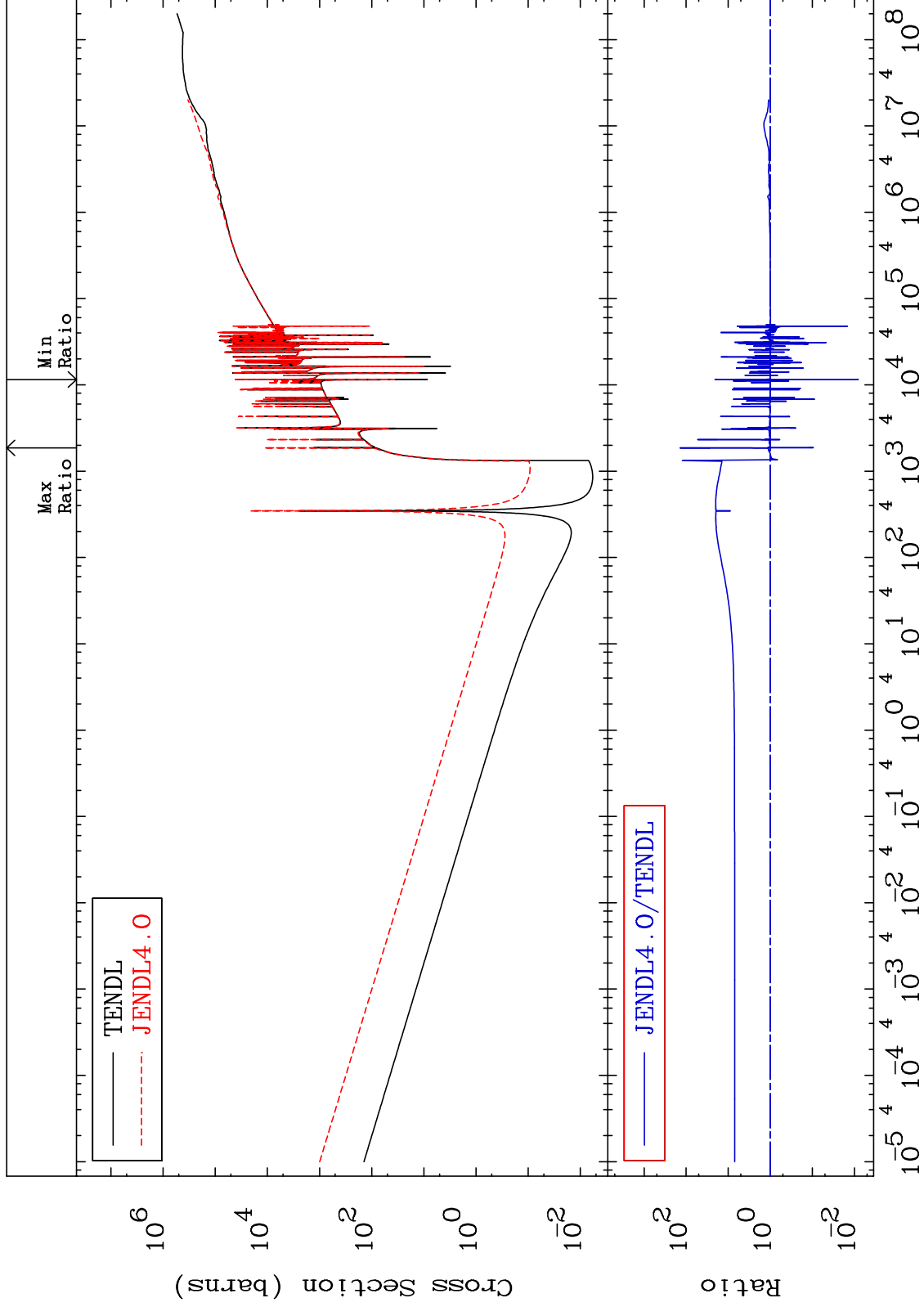
Incident Energy (eV)

42-Mo-92

MAT 4225

Dpa total (eV-barns)
Cross Section

42-Mo-92
-99.20 To 9999. %



52

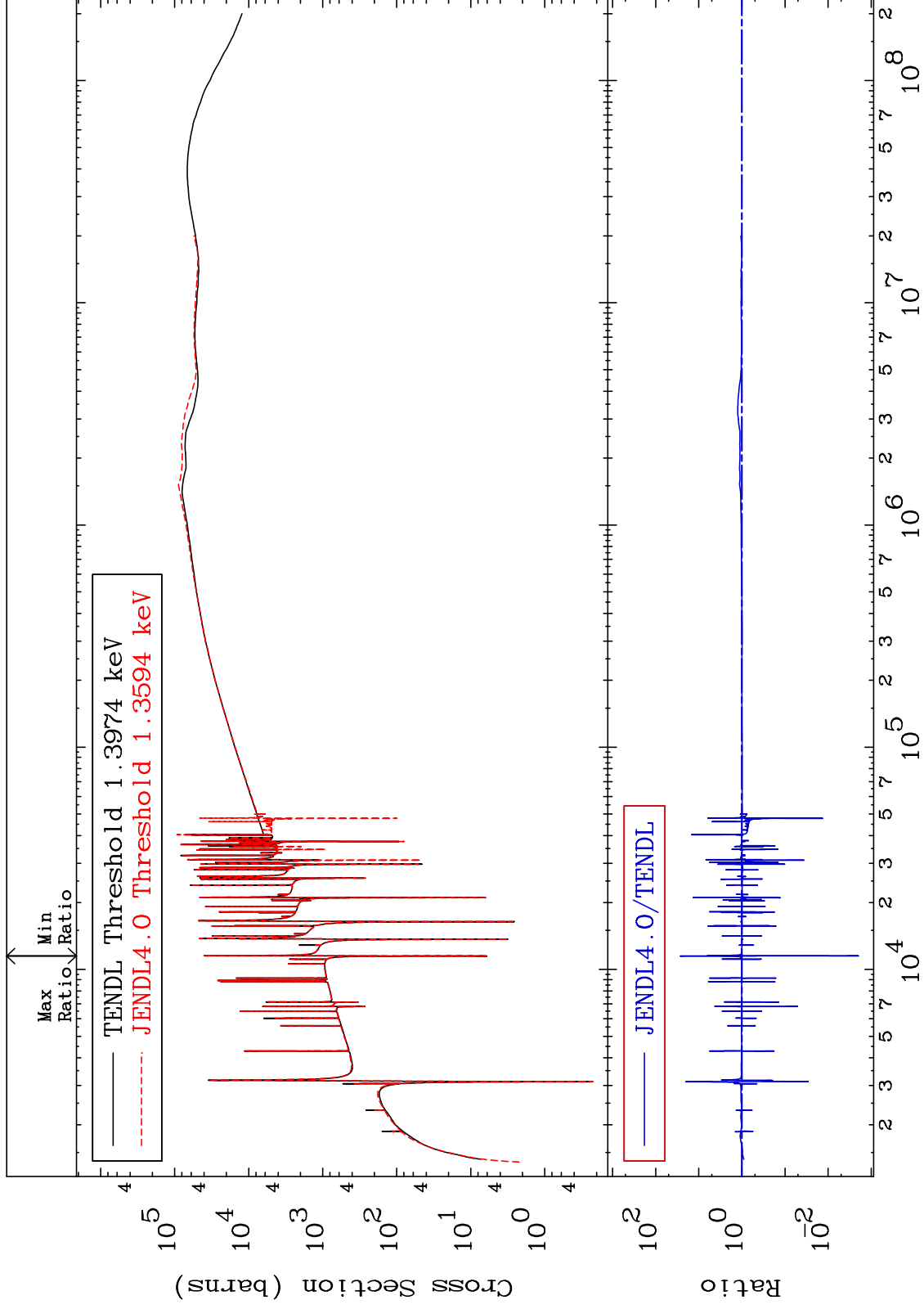
Incident Energy (eV)

42-Mo-92

MAT 4225

Dpa elastic (mt2)
Cross Section

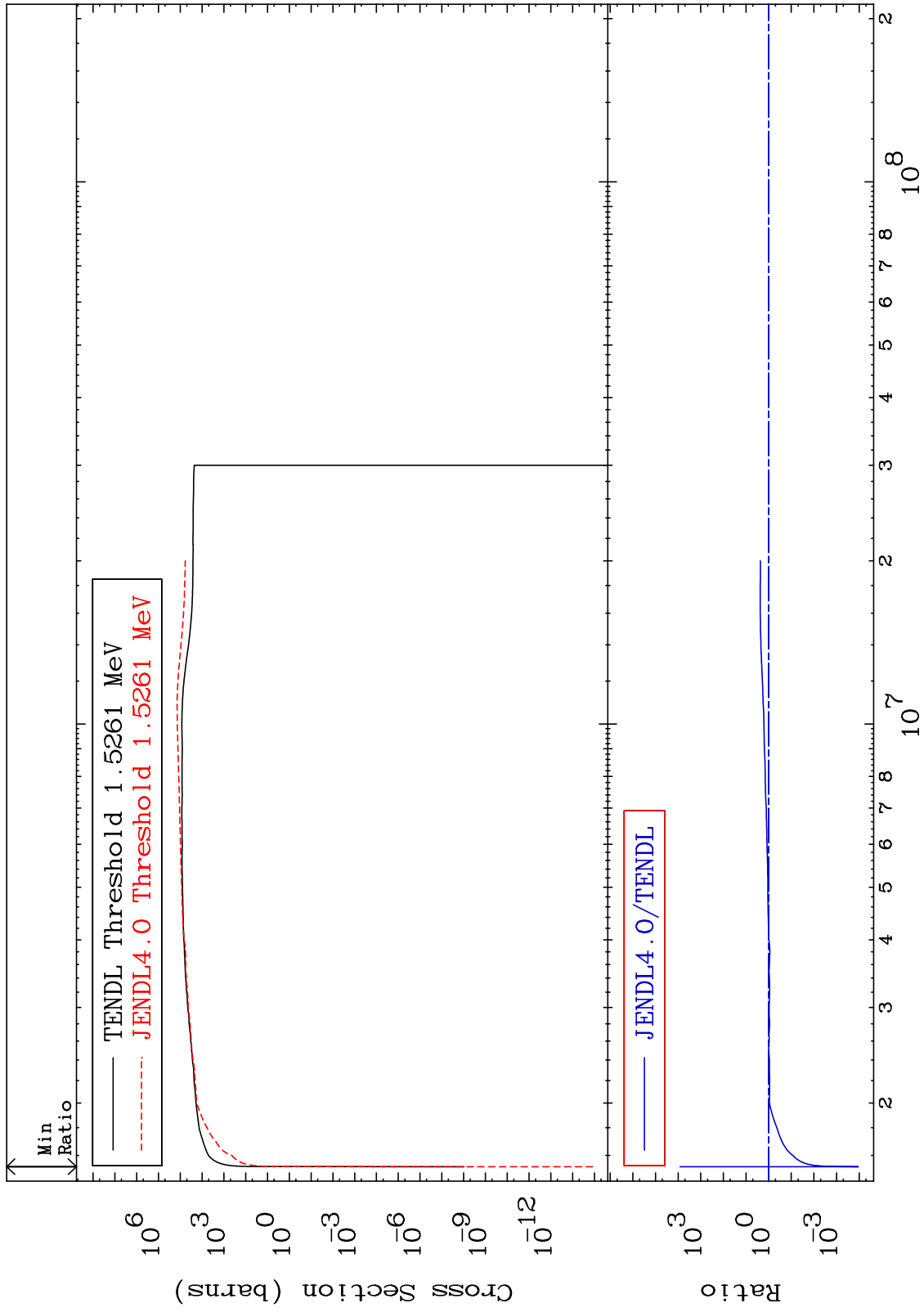
42-Mo-92
-99.80 To 2623. %



MAT 4225

Dpa inelastic (mt51-91)
Cross Section

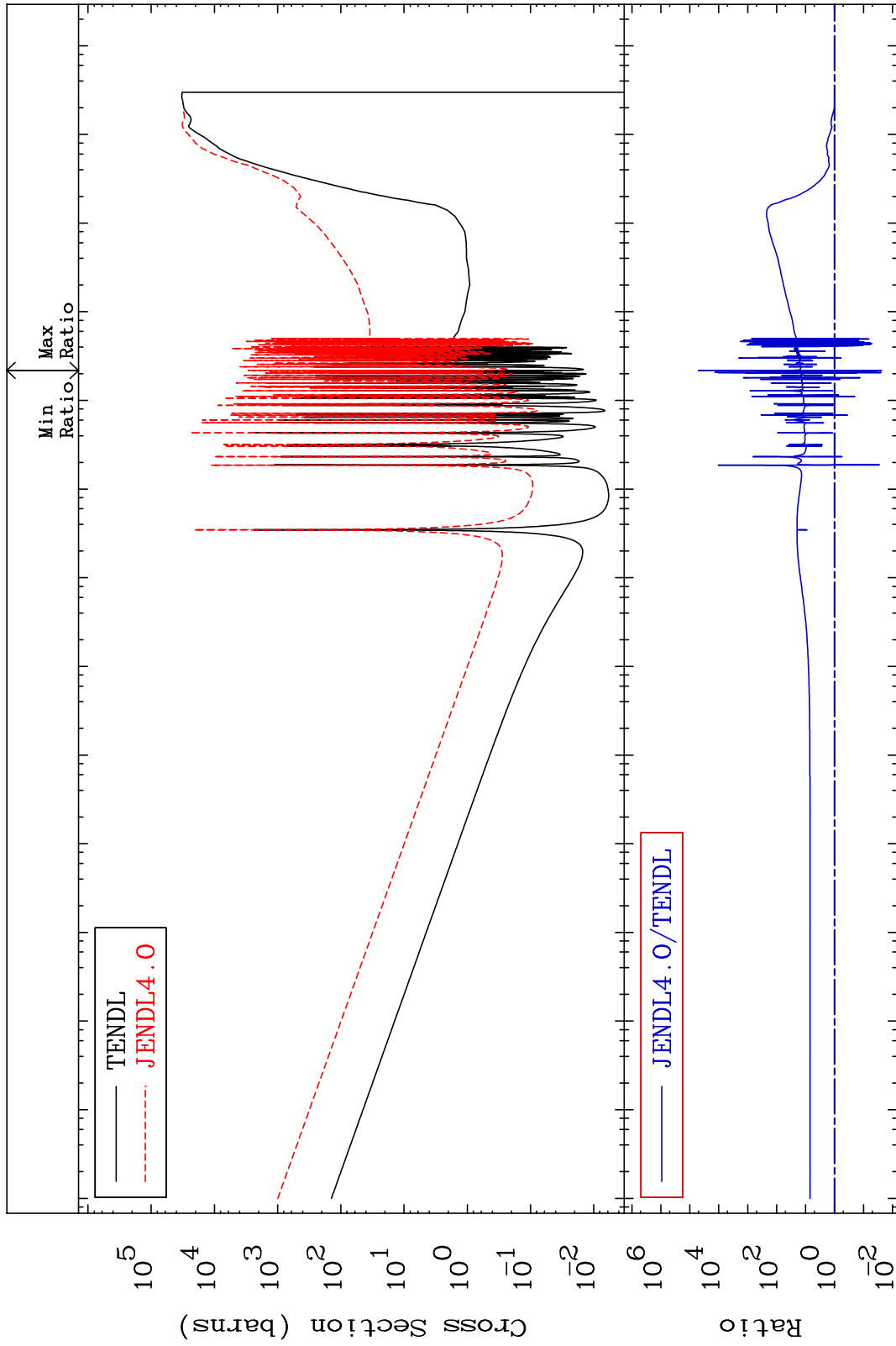
42-Mo-92
-99.99 To 9999. %



MAT 4225

Dpa disappearance (mt102 -120)
Cross Section

42-Mo-92
-97.61 To 9999. %



55

Incident Energy (eV)

42-Mo-92