

Program Complot
(Version 2018-1)

by

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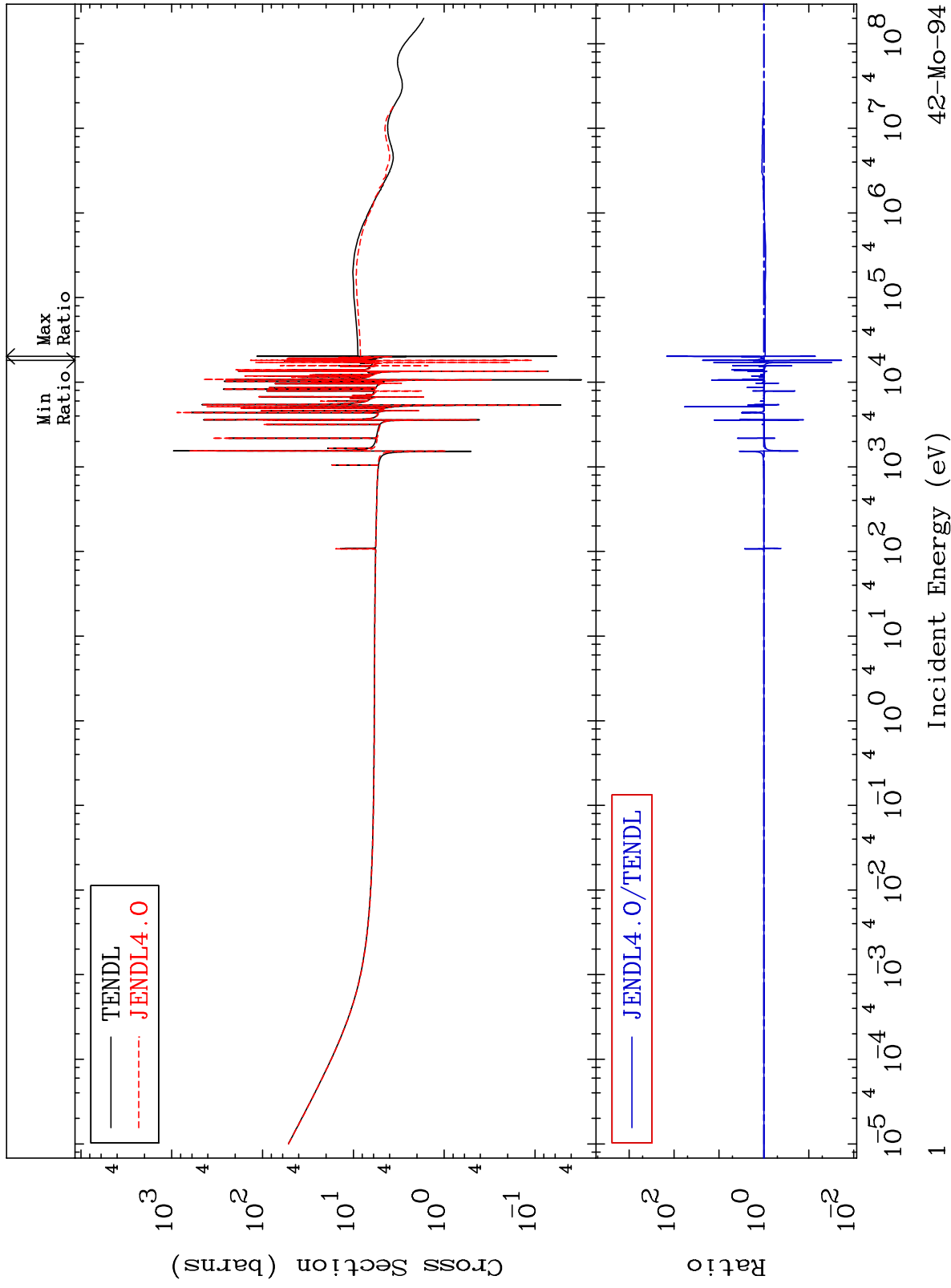
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4231

Total
Cross Section

42-Mo-94
-98.16 To 9999. %

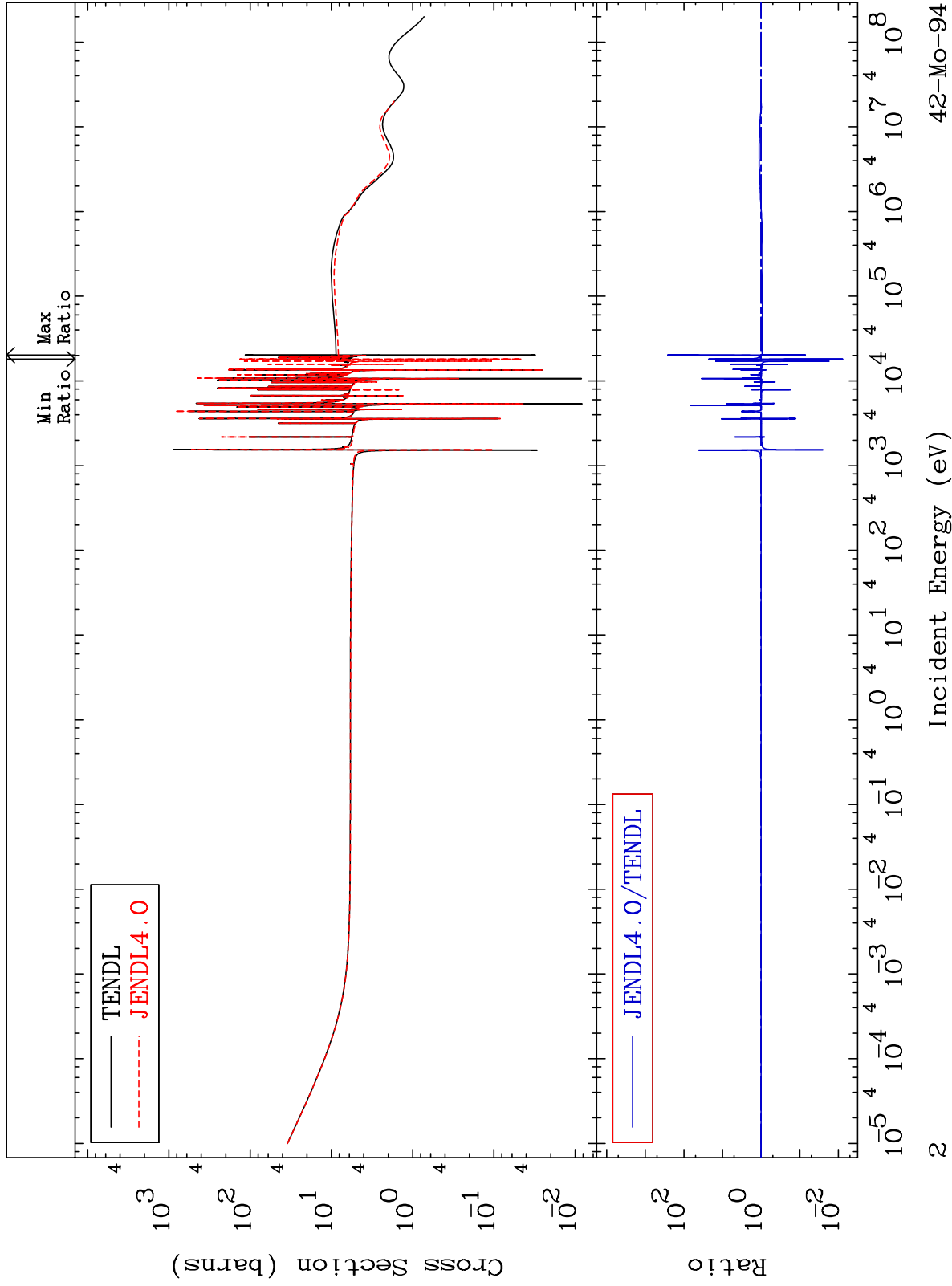


42-Mo-94

MAT 4231

Elastic
Cross Section

42-Mo-94
-99.23 To 9999. %



42-Mo-94

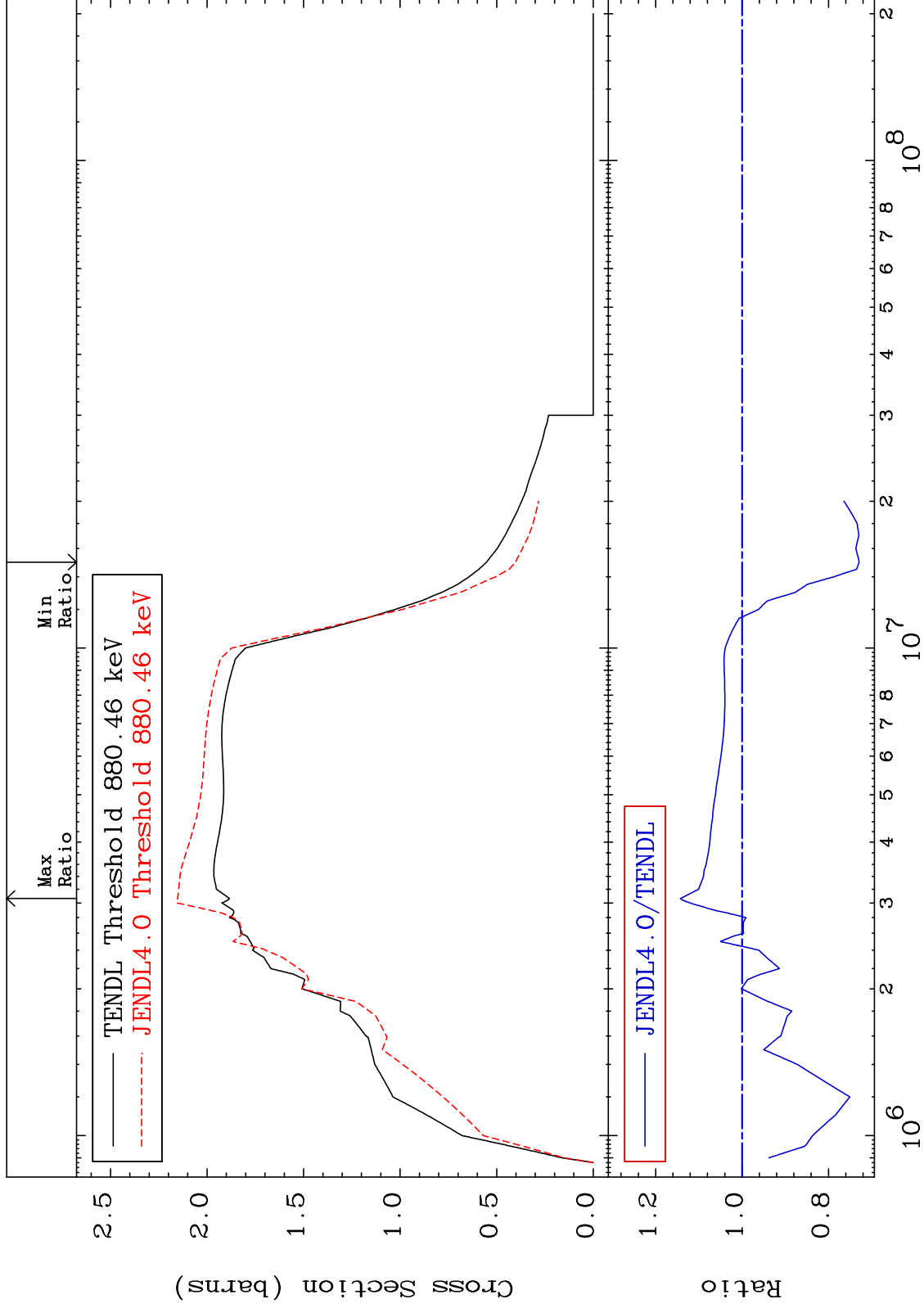
2

MAT 4231

Inelastic
Cross Section

42-Mo-94

-27.11 To 14.22 %



Incident Energy (eV)

42-Mo-94

3

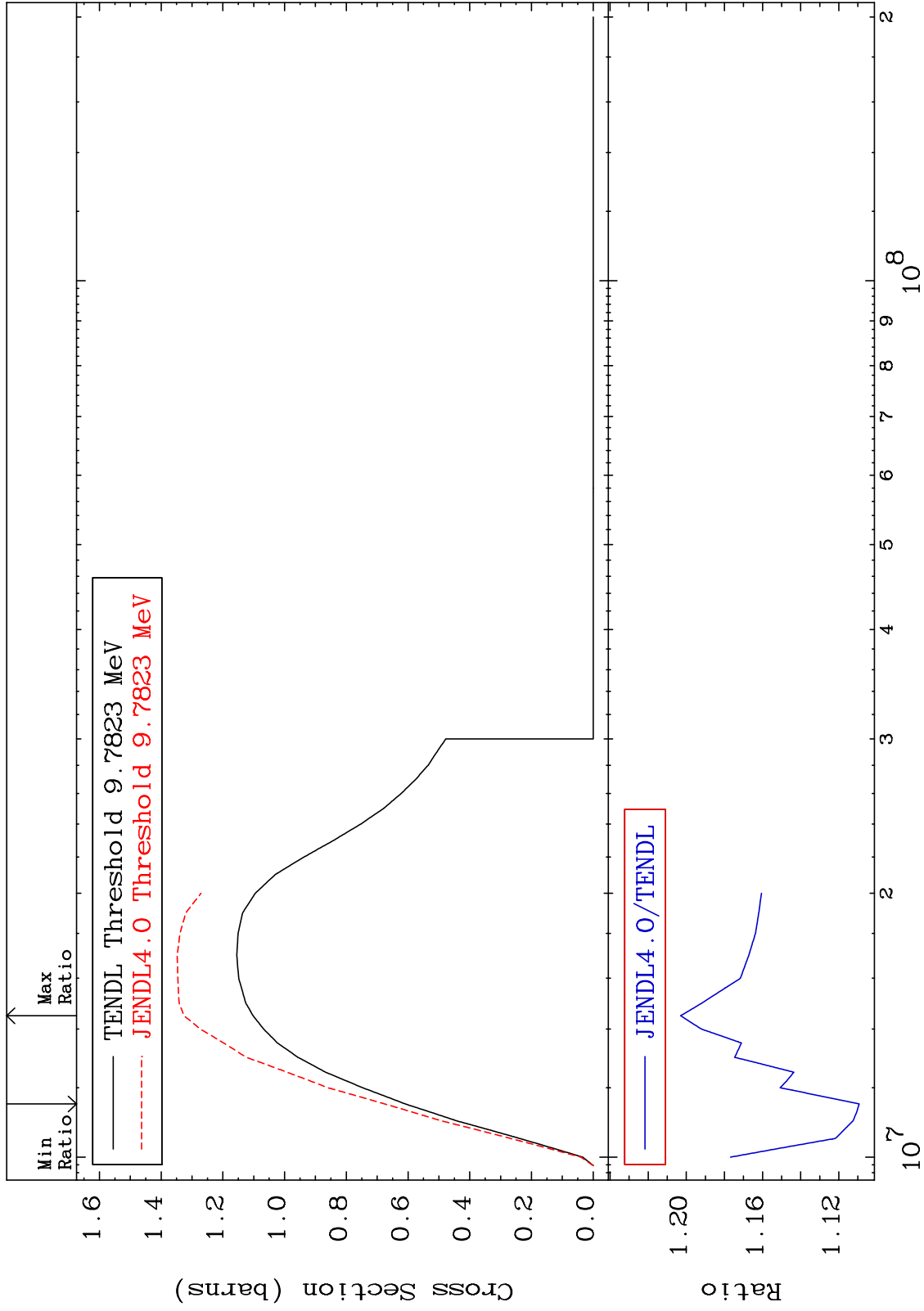
MAT 4231

(n,2n)

42-Mo-94

Cross Section

10.93 To 20.30 %



Incident Energy (eV)

42-Mo-94

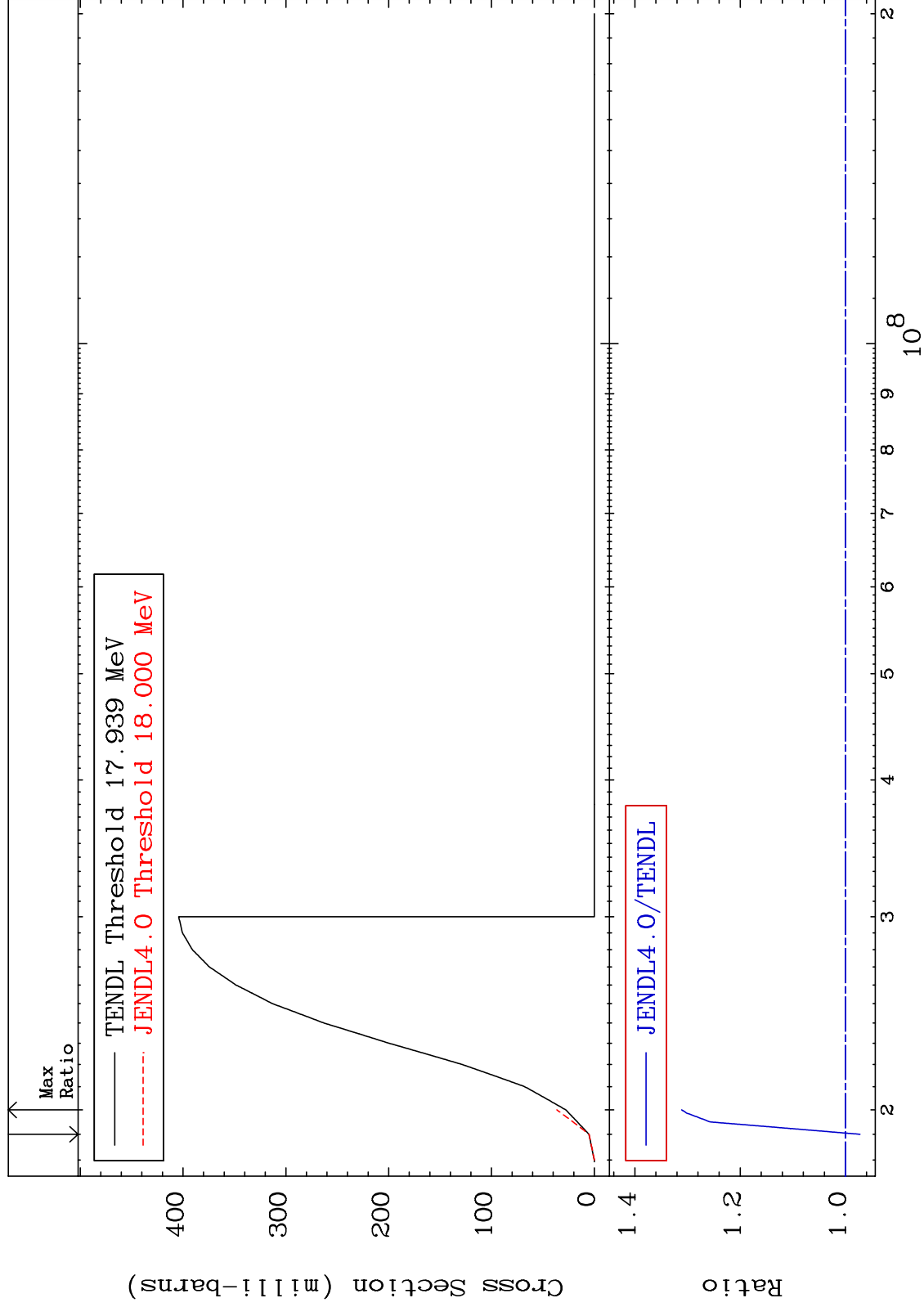
MAT 4231

(n,3n)

42-Mo-94

Cross Section

-2.766 To 31.11 %



5

Incident Energy (eV)

42-Mo-94

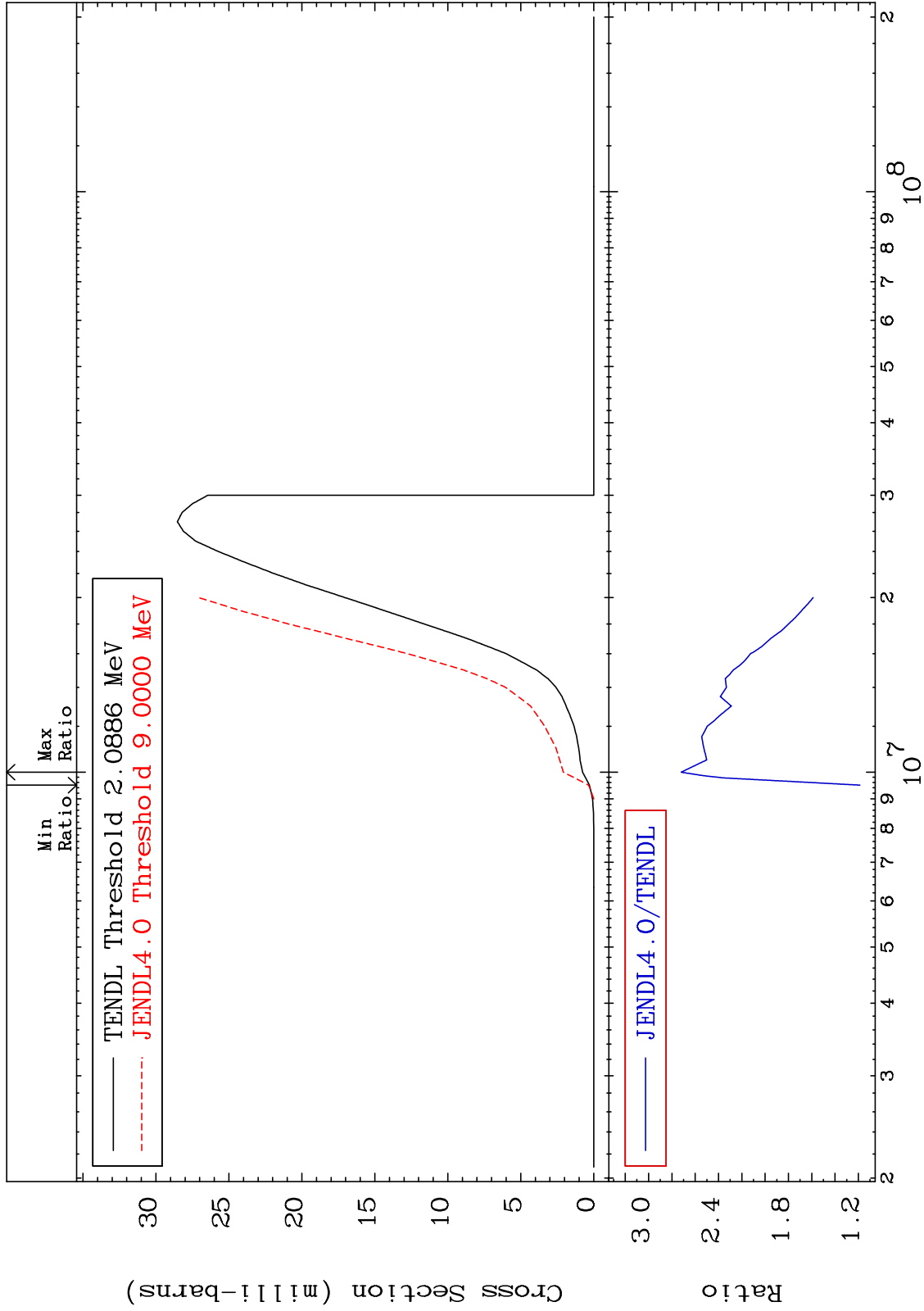
MAT 4231

(n,n') α

42-Mo-94

Cross Section

18.65 To 172.0 %



6

Incident Energy (eV)

42-Mo-94

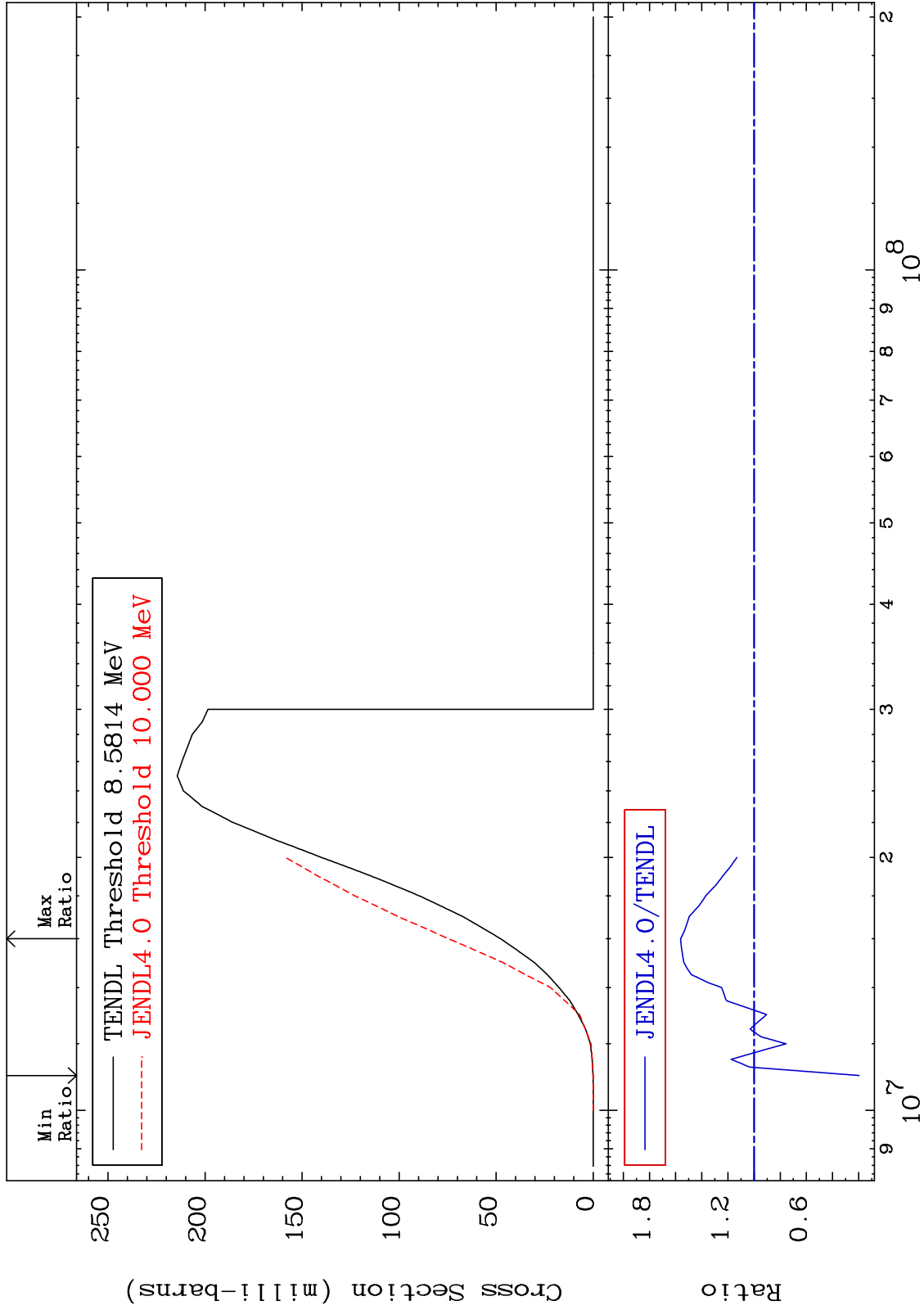
MAT 4231

(n,n') p

42-Mo-94

Cross Section

-80.38 To 56.19 %



7

Incident Energy (eV)

42-Mo-94

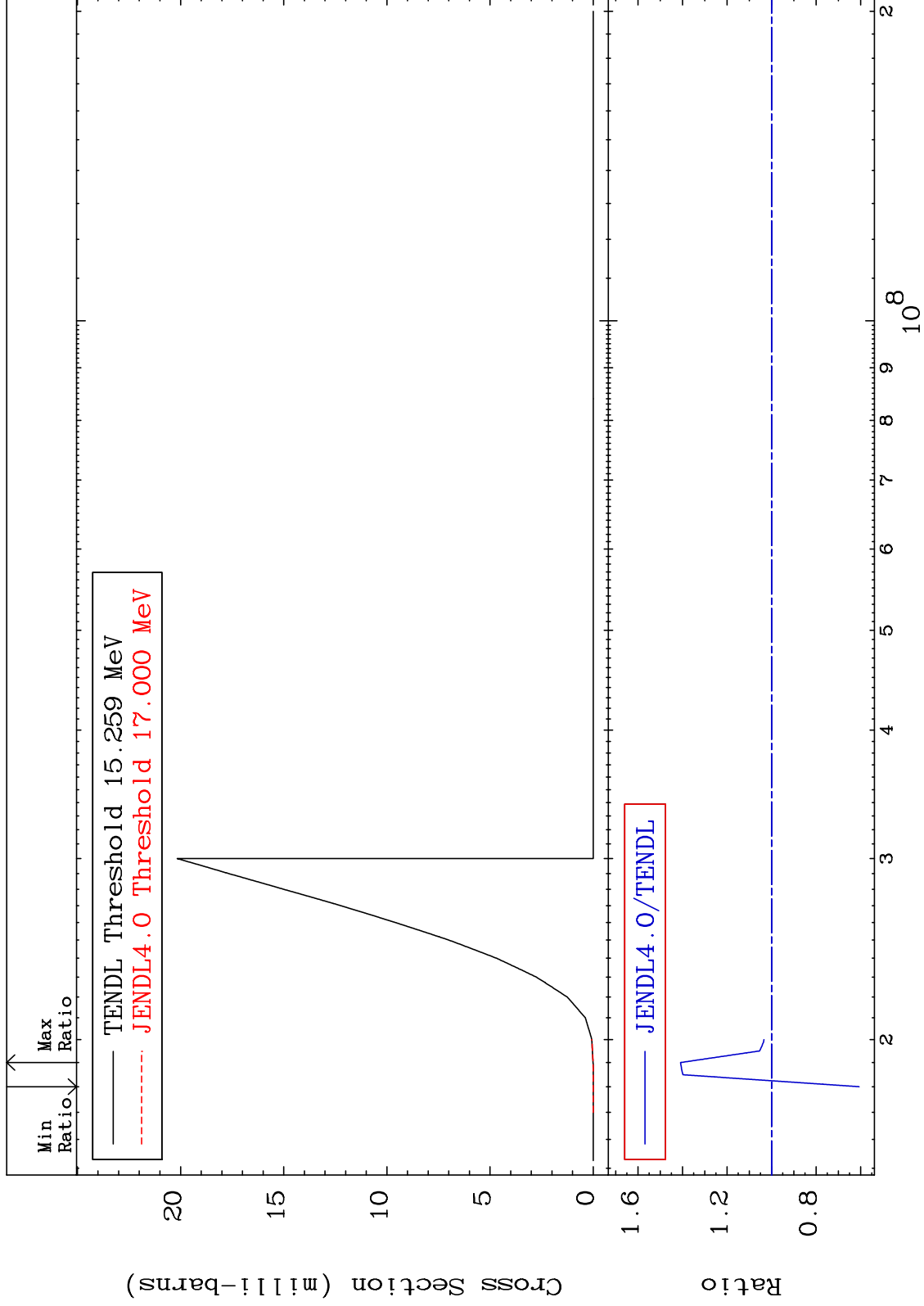
MAT 4231

(n,n') d

42-Mo-94

Cross Section

-39.37 To 40.84 %



8

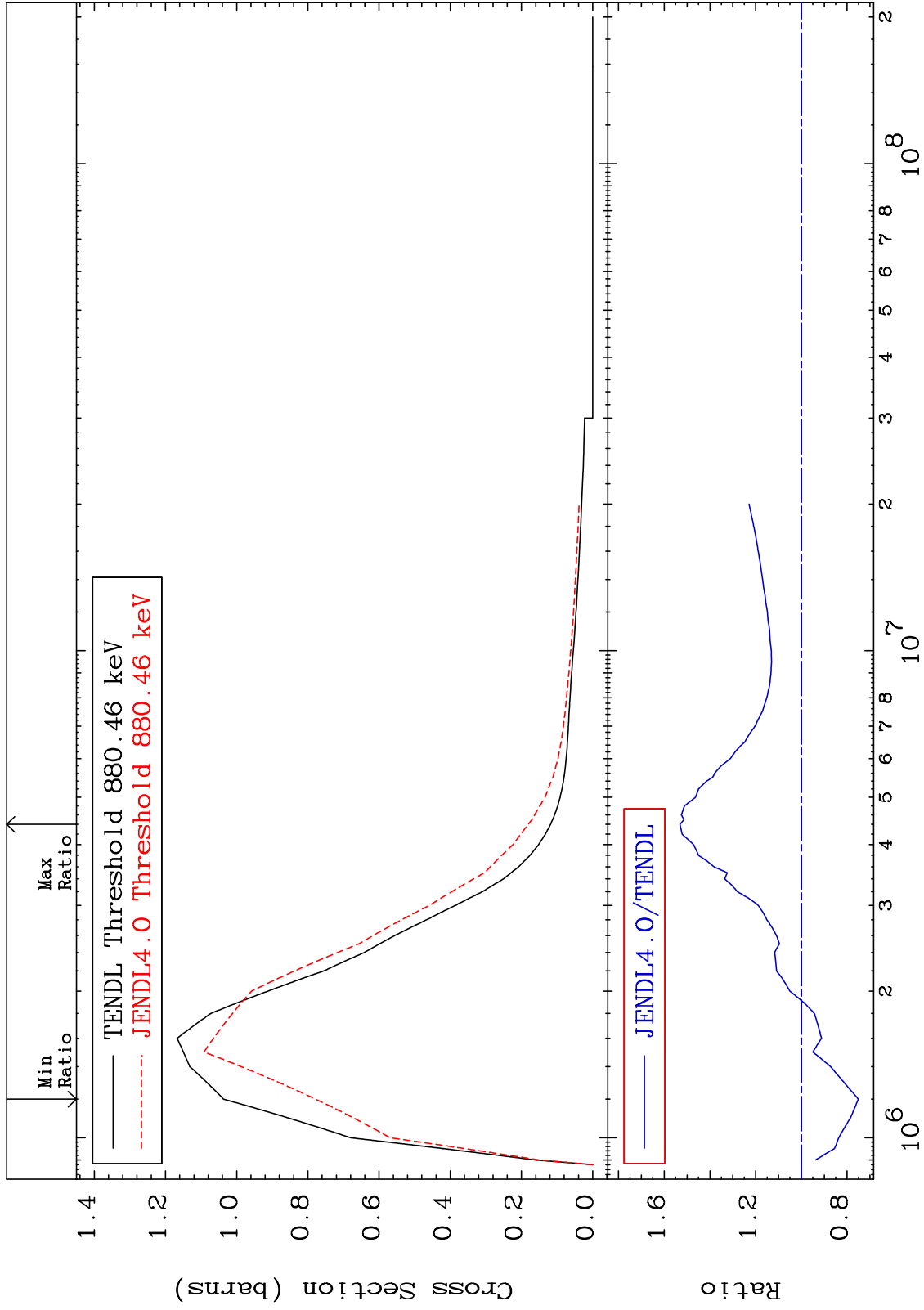
Incident Energy (eV)

42-Mo-94

MAT 4231

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

42-Mo-94
-24.94 To 53.09 %



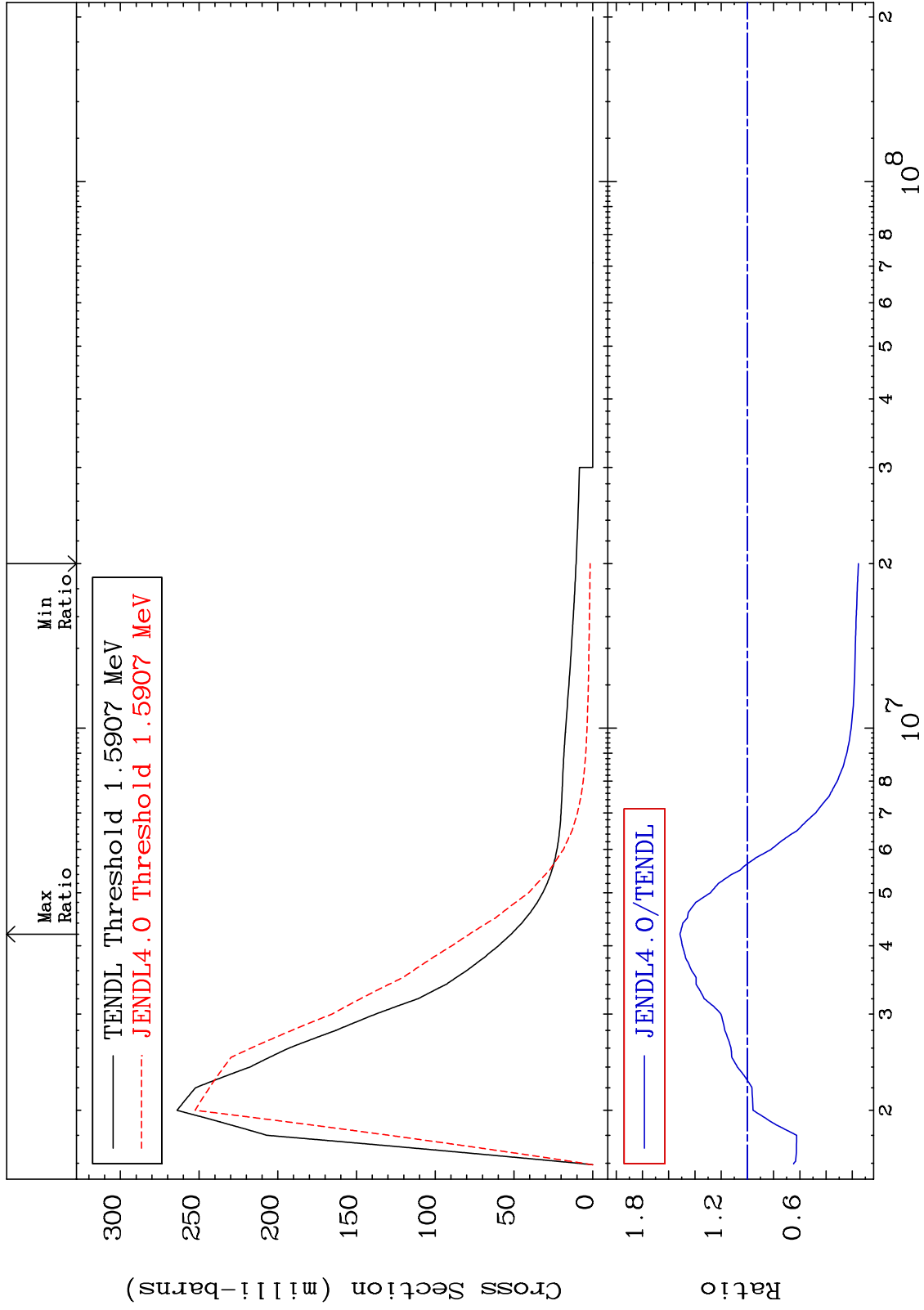
42-Mo-94

Incident Energy (eV)

MAT 4231

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

42-Mo-94
-84.69 To 51.35 %



10

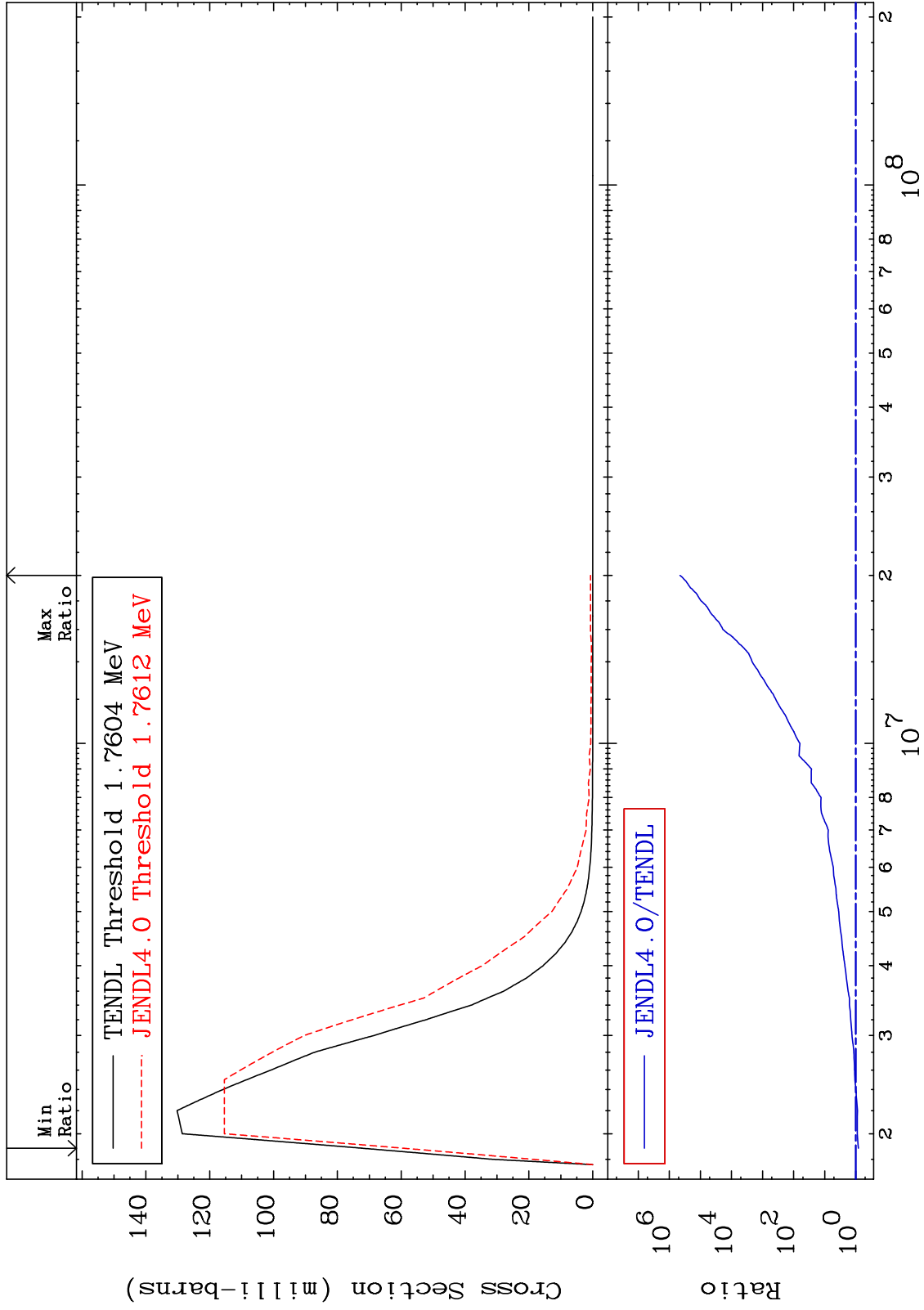
Incident Energy (eV)

42-Mo-94

MAT 4231

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

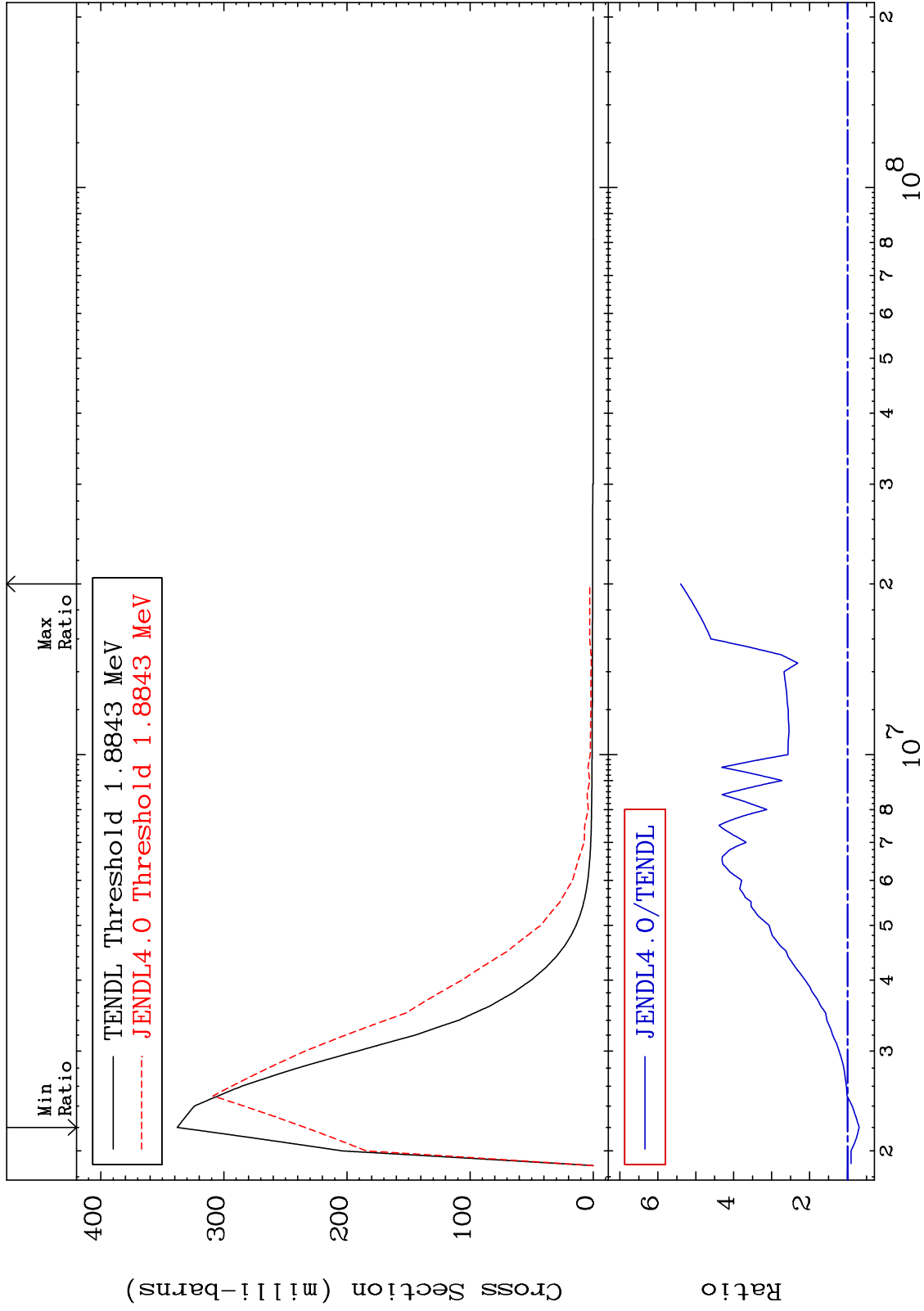
42-Mo-94
-17.86 To 9999. %



MAT 4231

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

42-Mo-94
-30.72 To 439.9 %



12

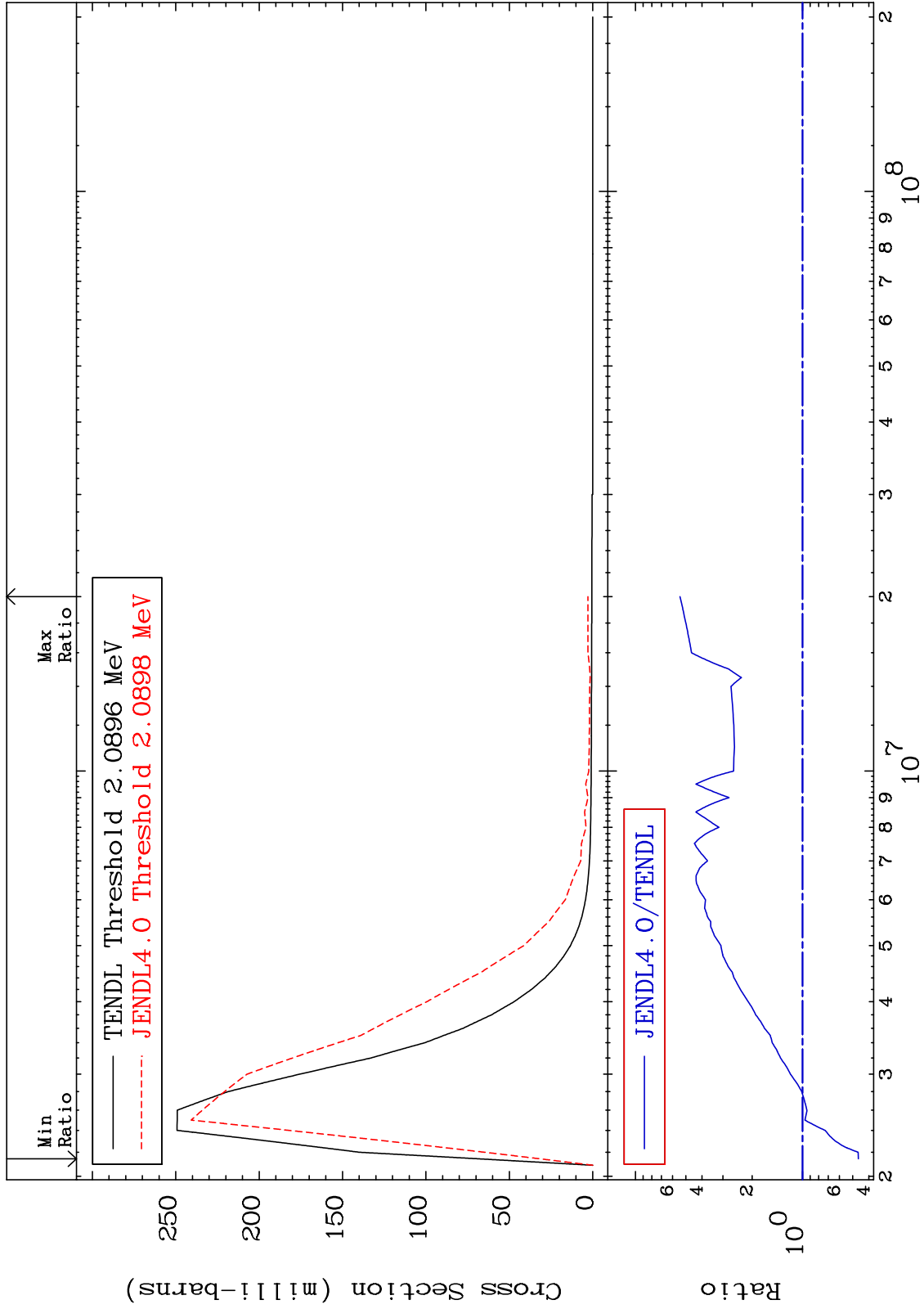
Incident Energy (eV)

42-Mo-94

MAT 4231

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

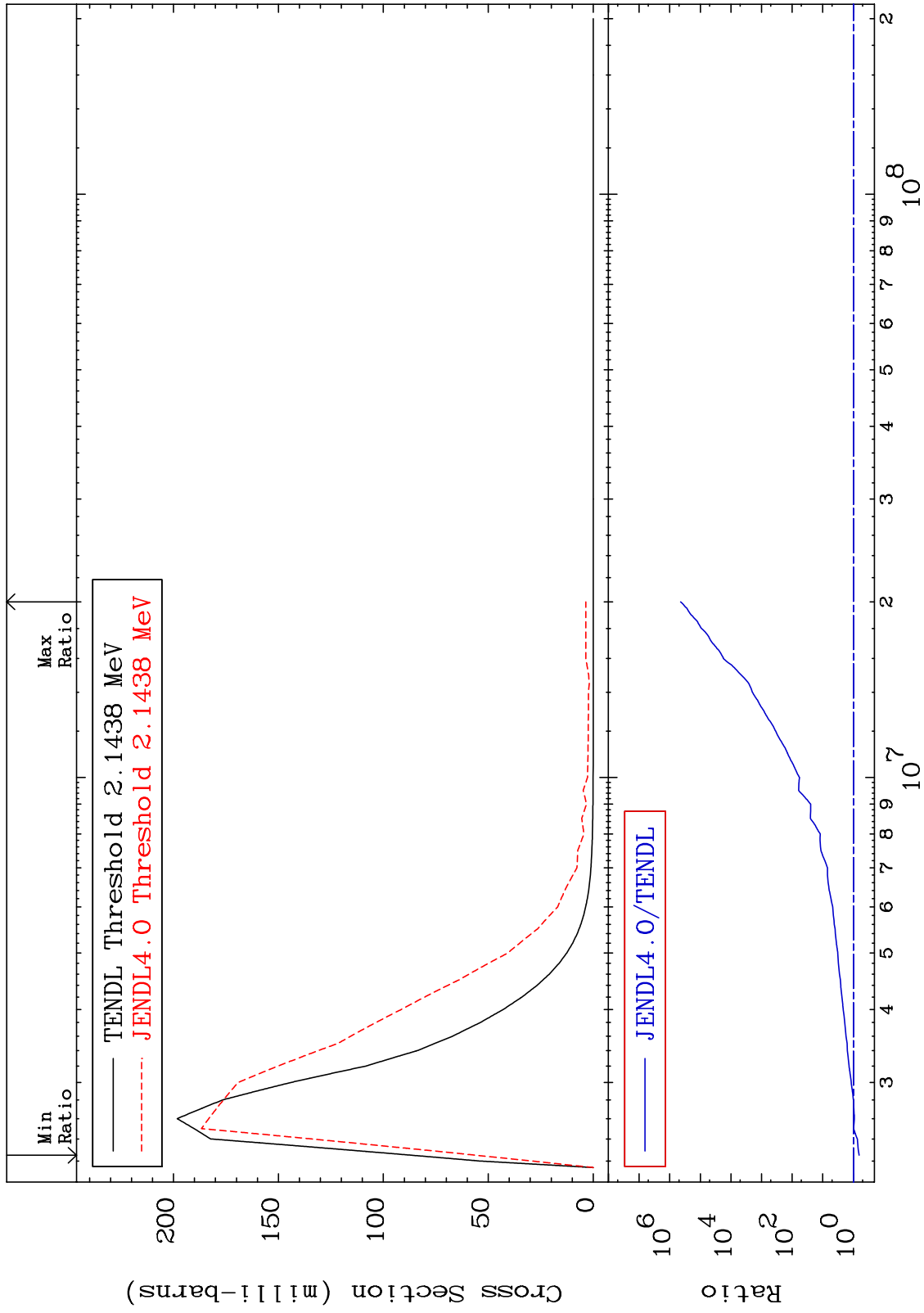
42-Mo-94
-53.80 To 441.4 %



MAT 4231

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

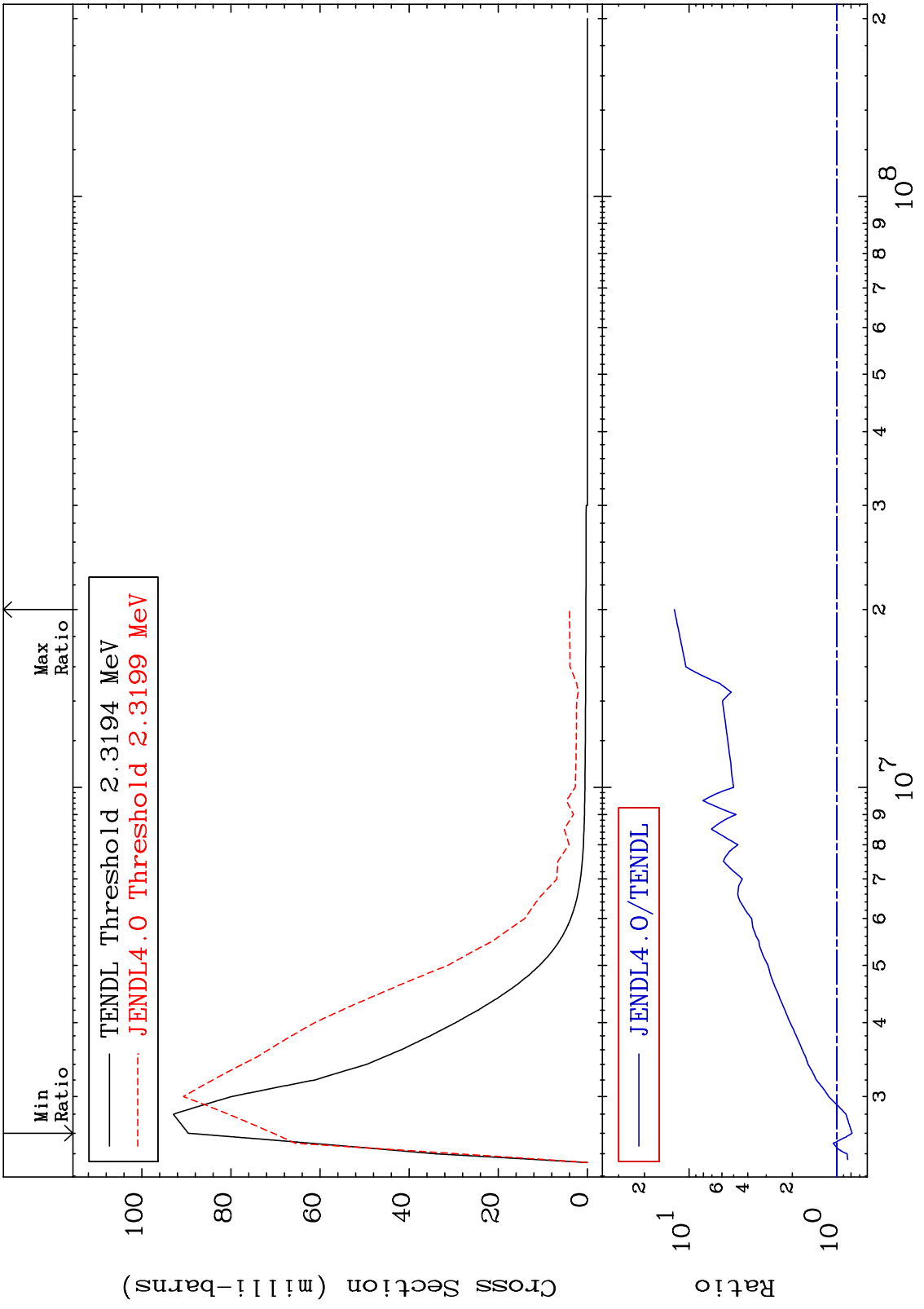
42-Mo-94
-35.45 To 9999. %



MAT 4231

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

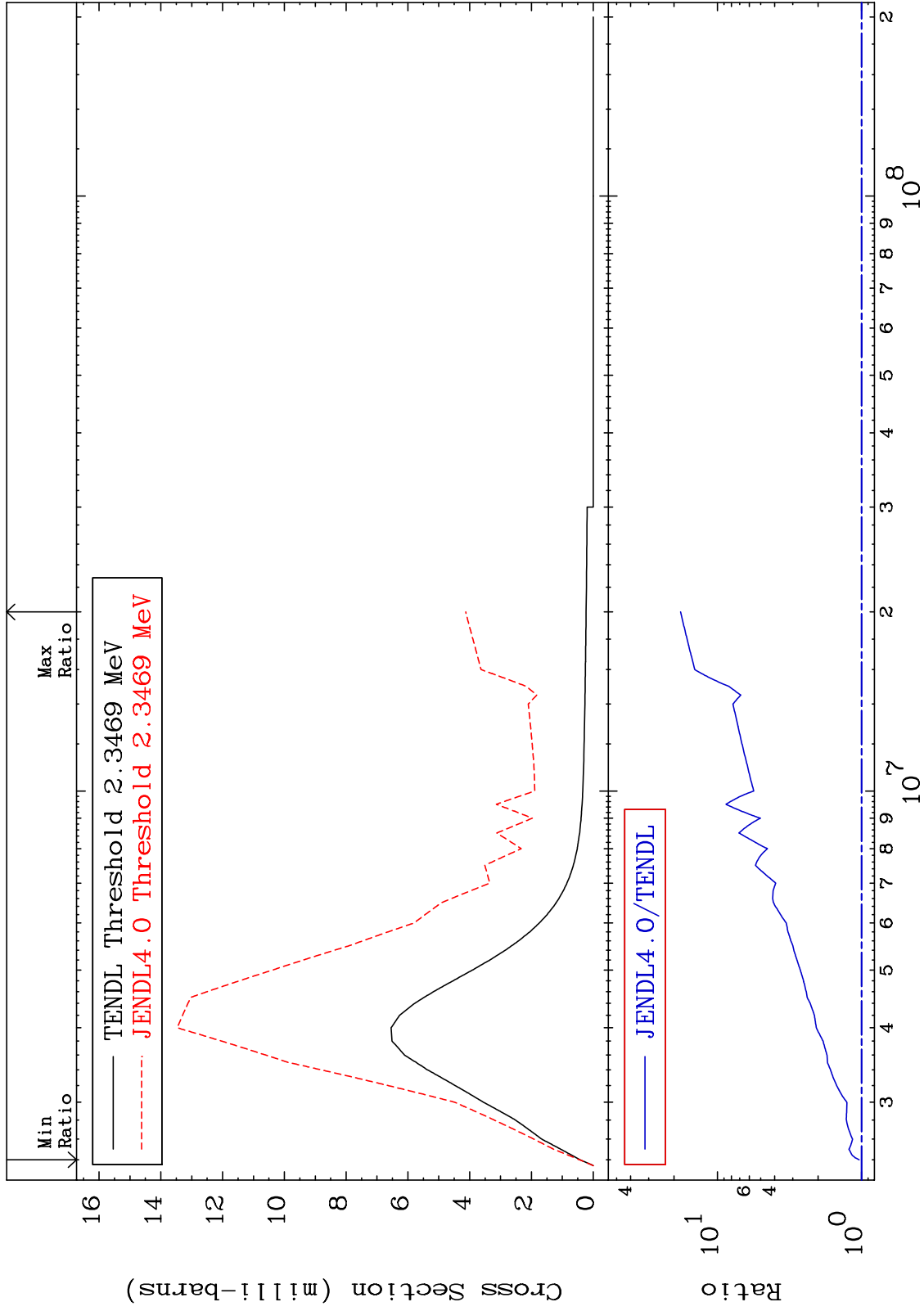
42-Mo-94
-21.27 To 1157. %



MAT 4231

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

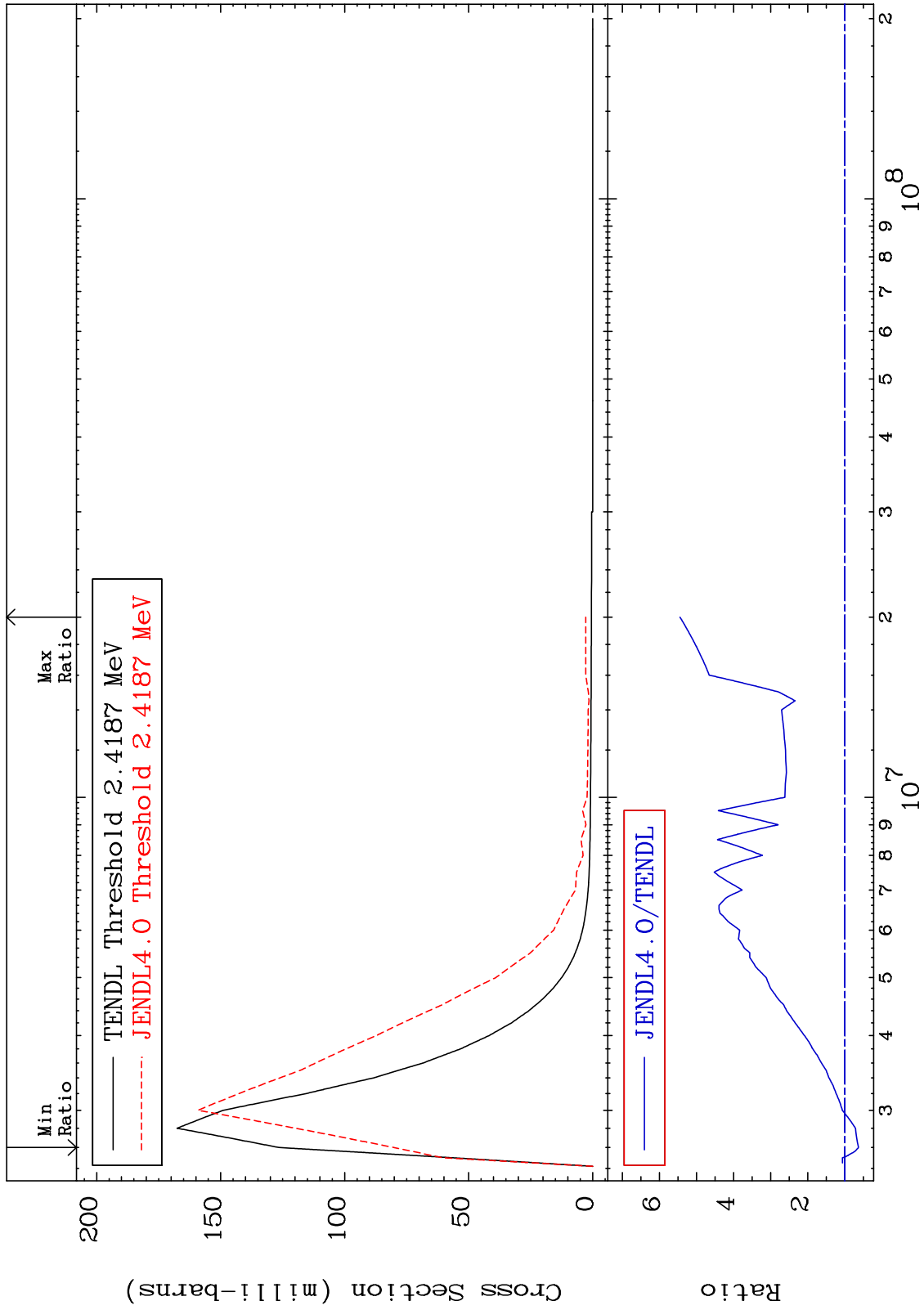
42-Mo-94
3.719 To 1699. %



16

42-Mo-94

MAT 4231 MT= 59 (n, n') Level Cross Section -36.55 To 444.6 % 42-Mo-94

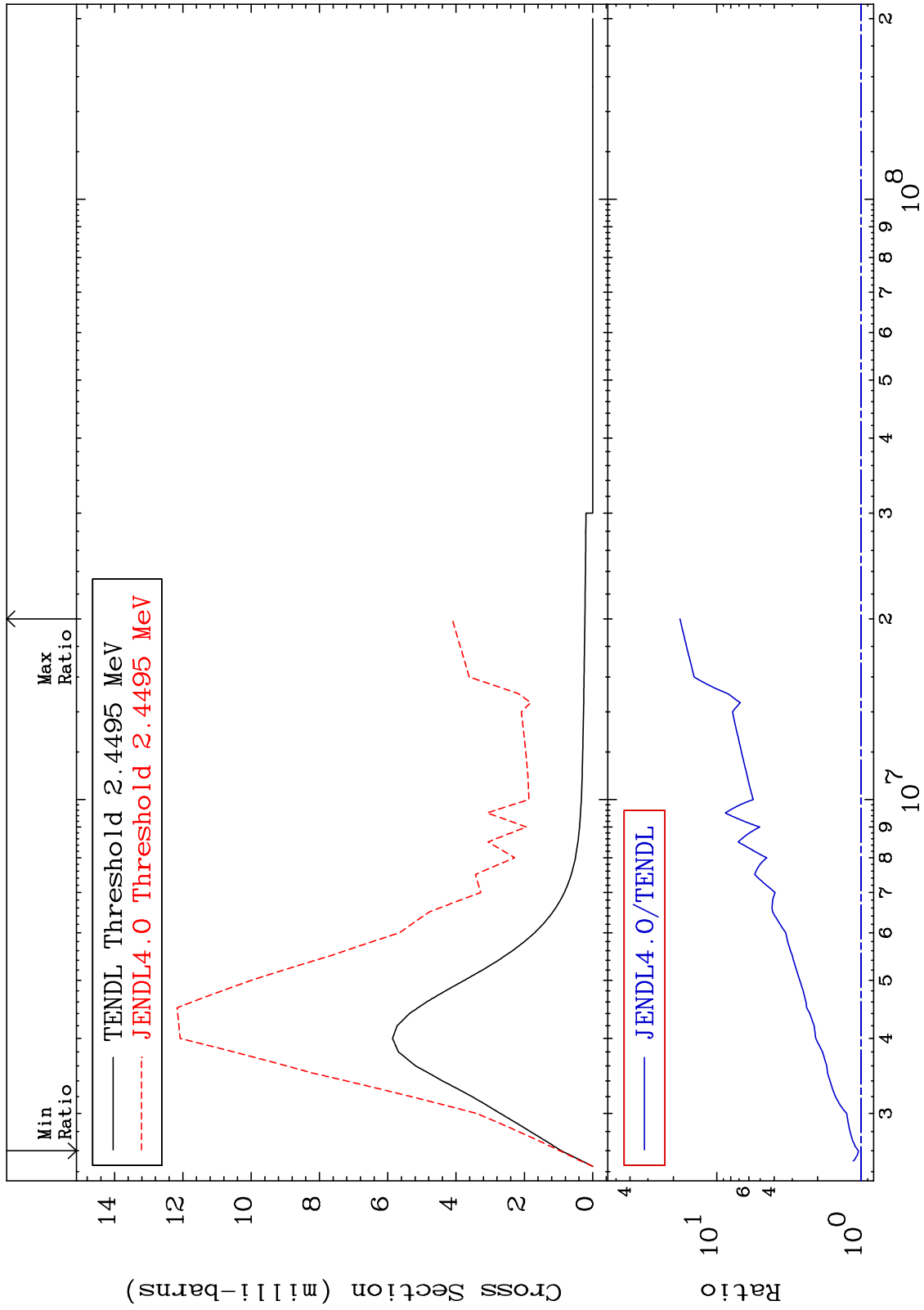


17 Incident Energy (eV) 42-Mo-94

MAT 4231

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

42-Mo-94
4.314 To 1699. %



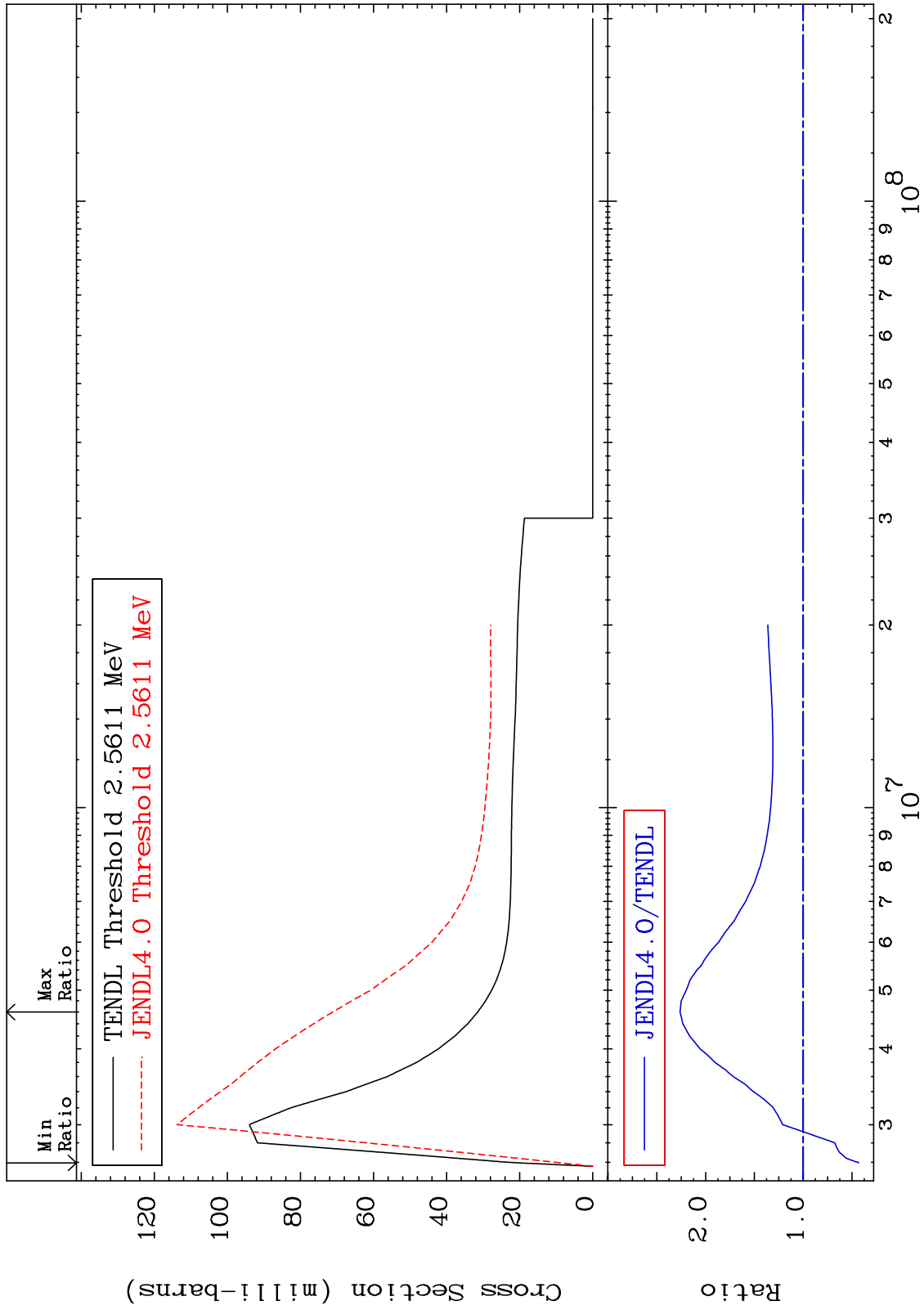
18

42-Mo-94

MAT 4231

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

42-Mo-94
-56.61 To 126.2 %



19

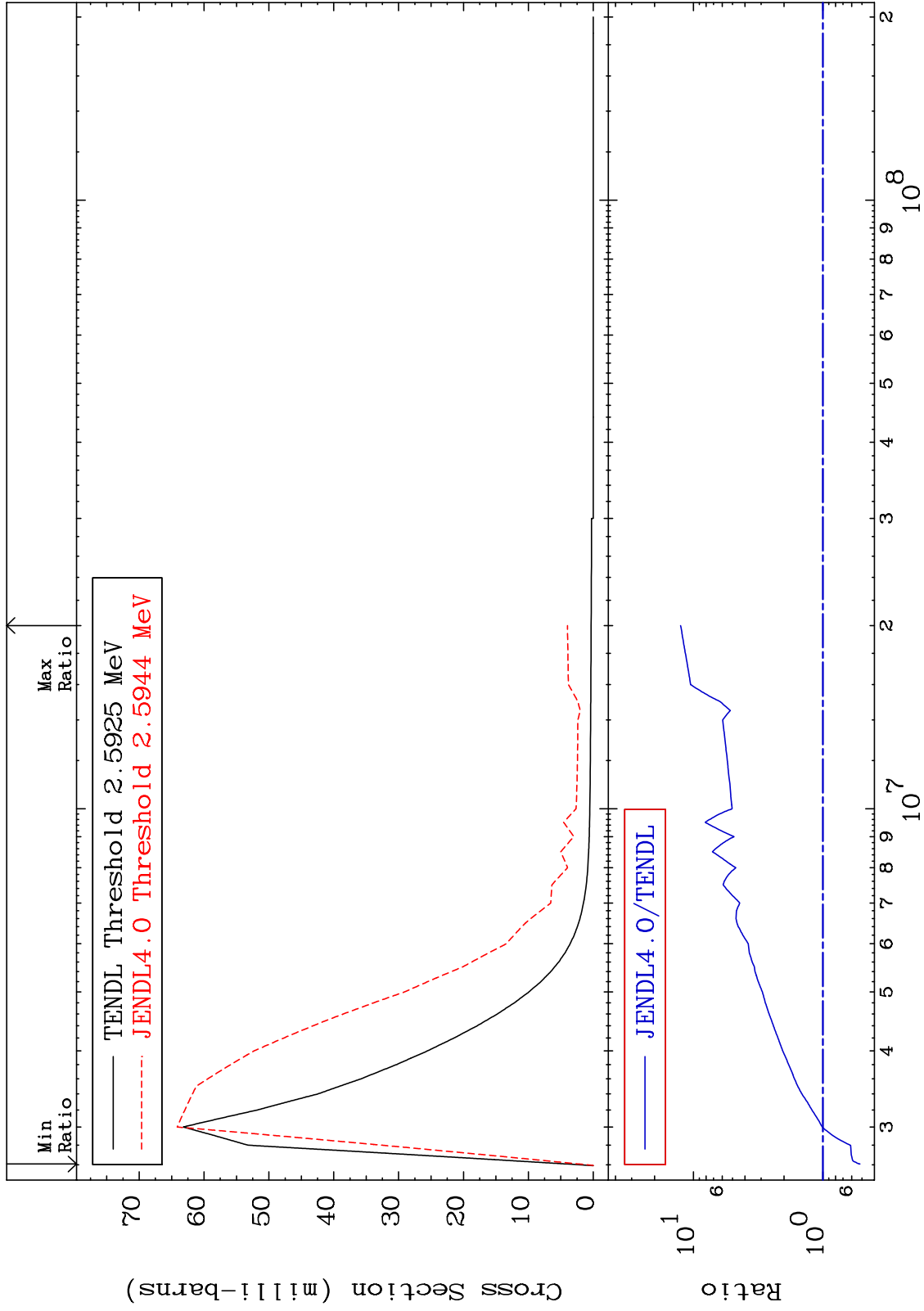
Incident Energy (eV)

42-Mo-94

MAT 4231

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

42-Mo-94
-47.49 To 1158. %



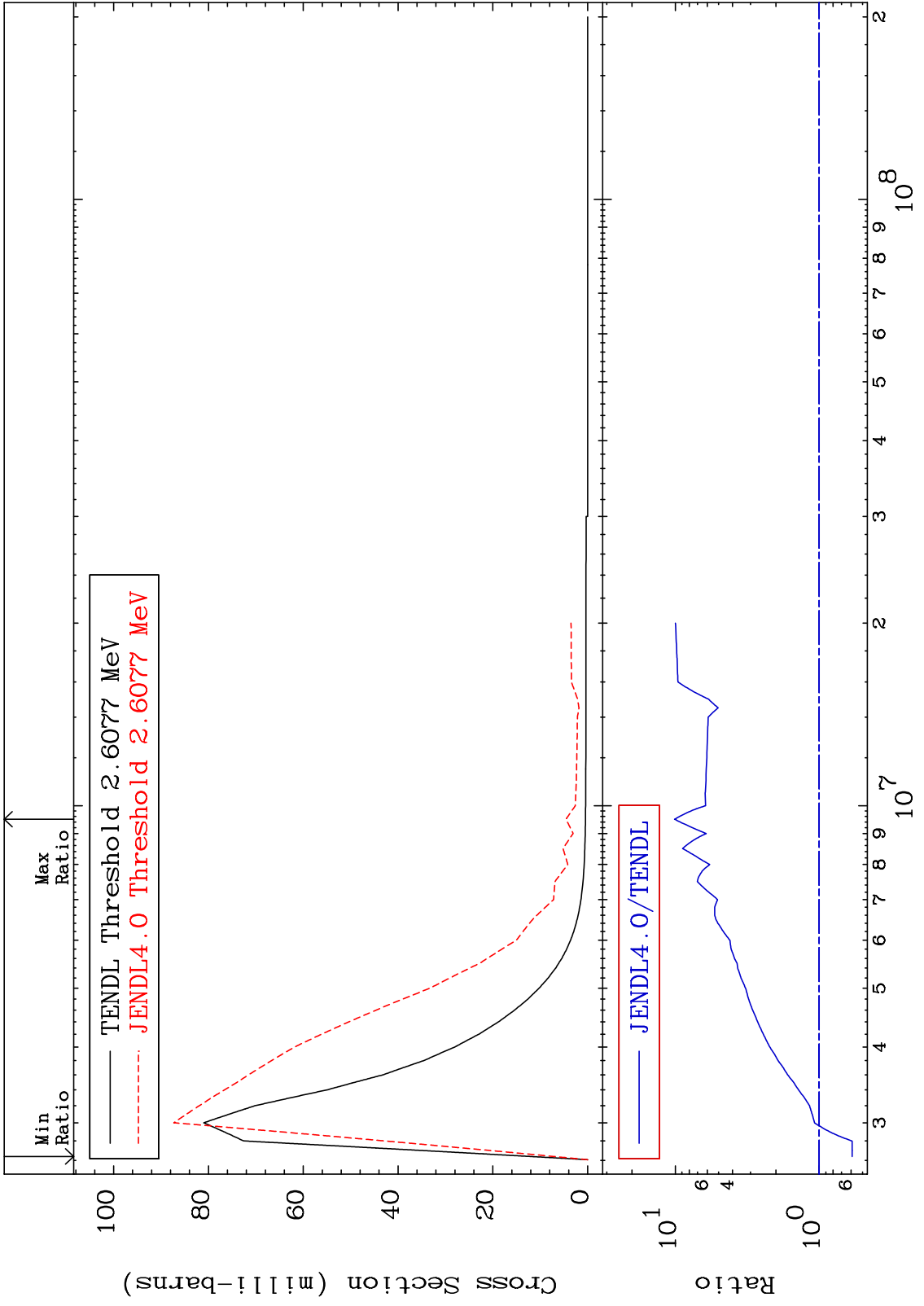
20

42-Mo-94

MAT 4231

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

42-Mo-94
-41.03 To 911.8 %



21

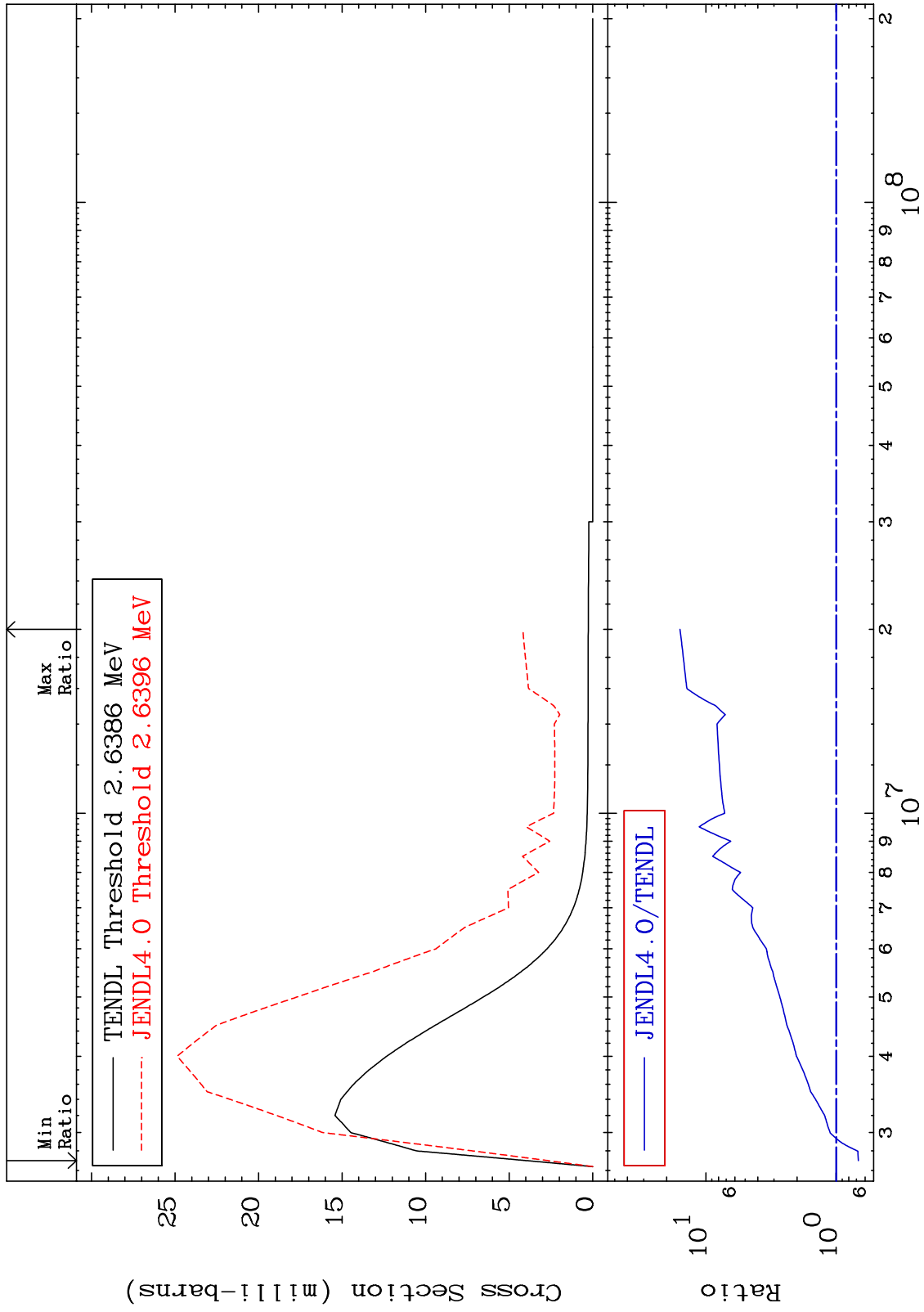
Incident Energy (eV)

42-Mo-94

MAT 4231

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

42-Mo-94
-32.44 To 1480. %



22

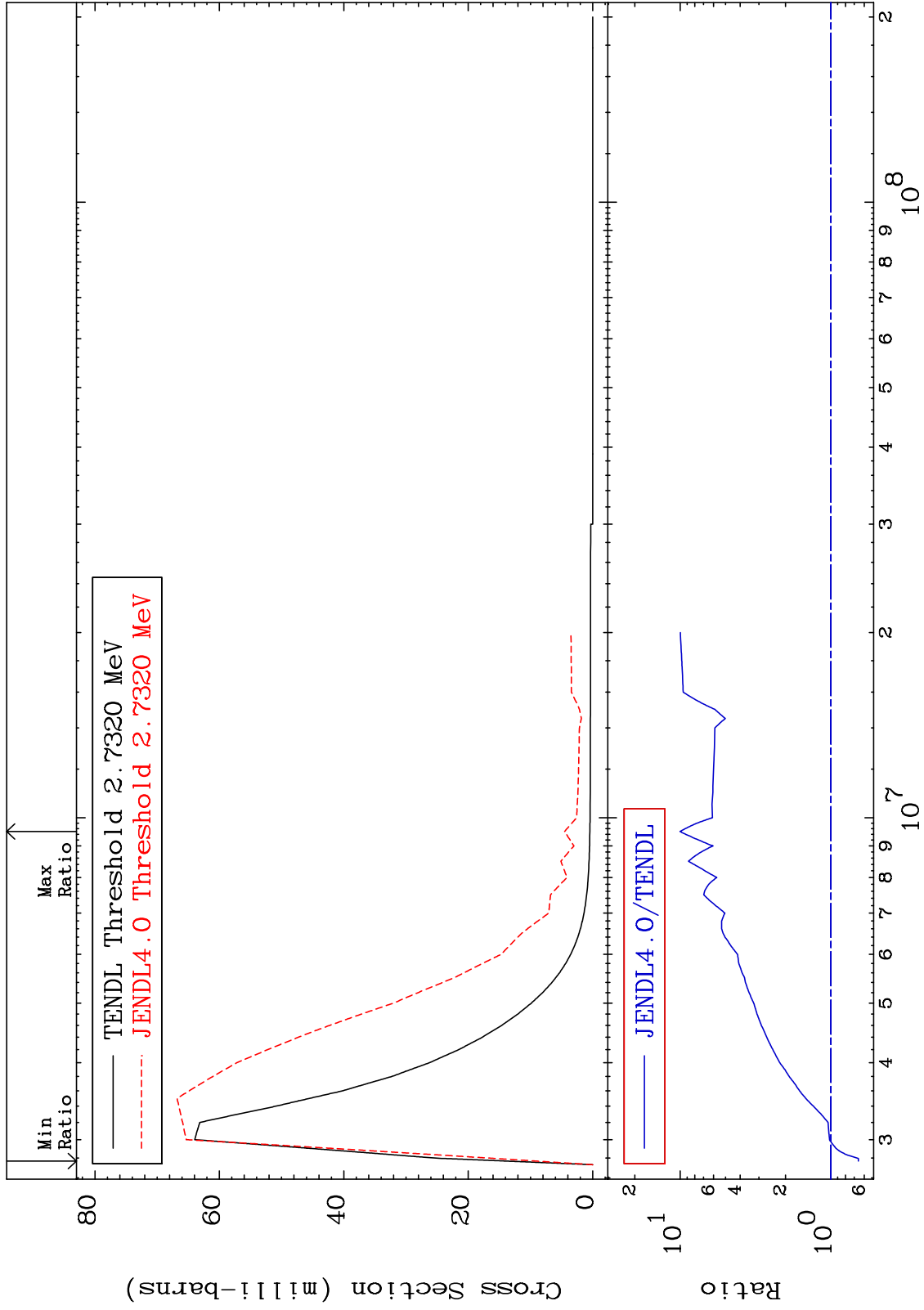
Incident Energy (eV)

42-Mo-94

MAT 4231

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

42-Mo-94
-34.40 To 902.7 %



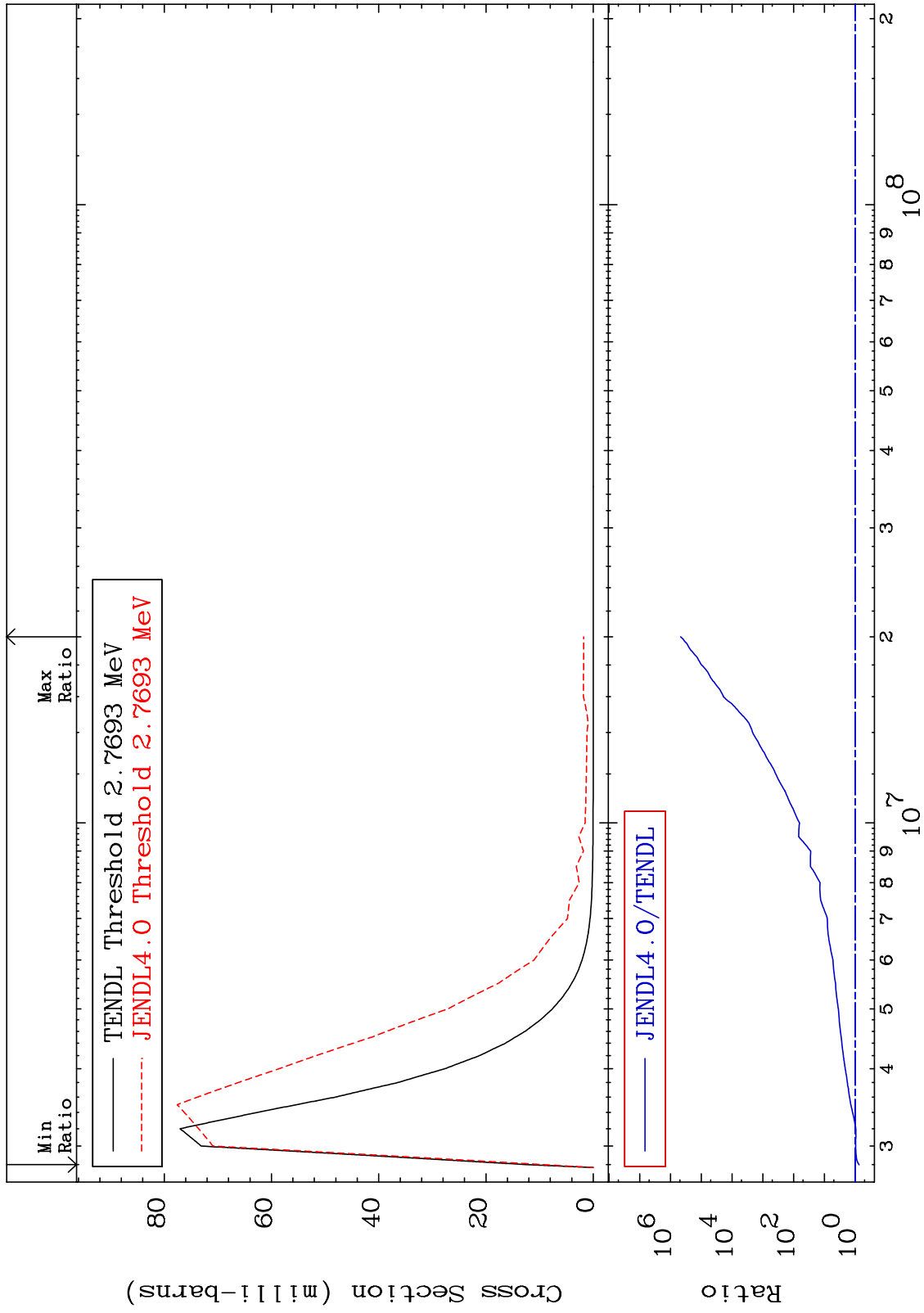
23

42-Mo-94

MAT 4231

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

42-Mo-94
-25.34 To 9999. %



24

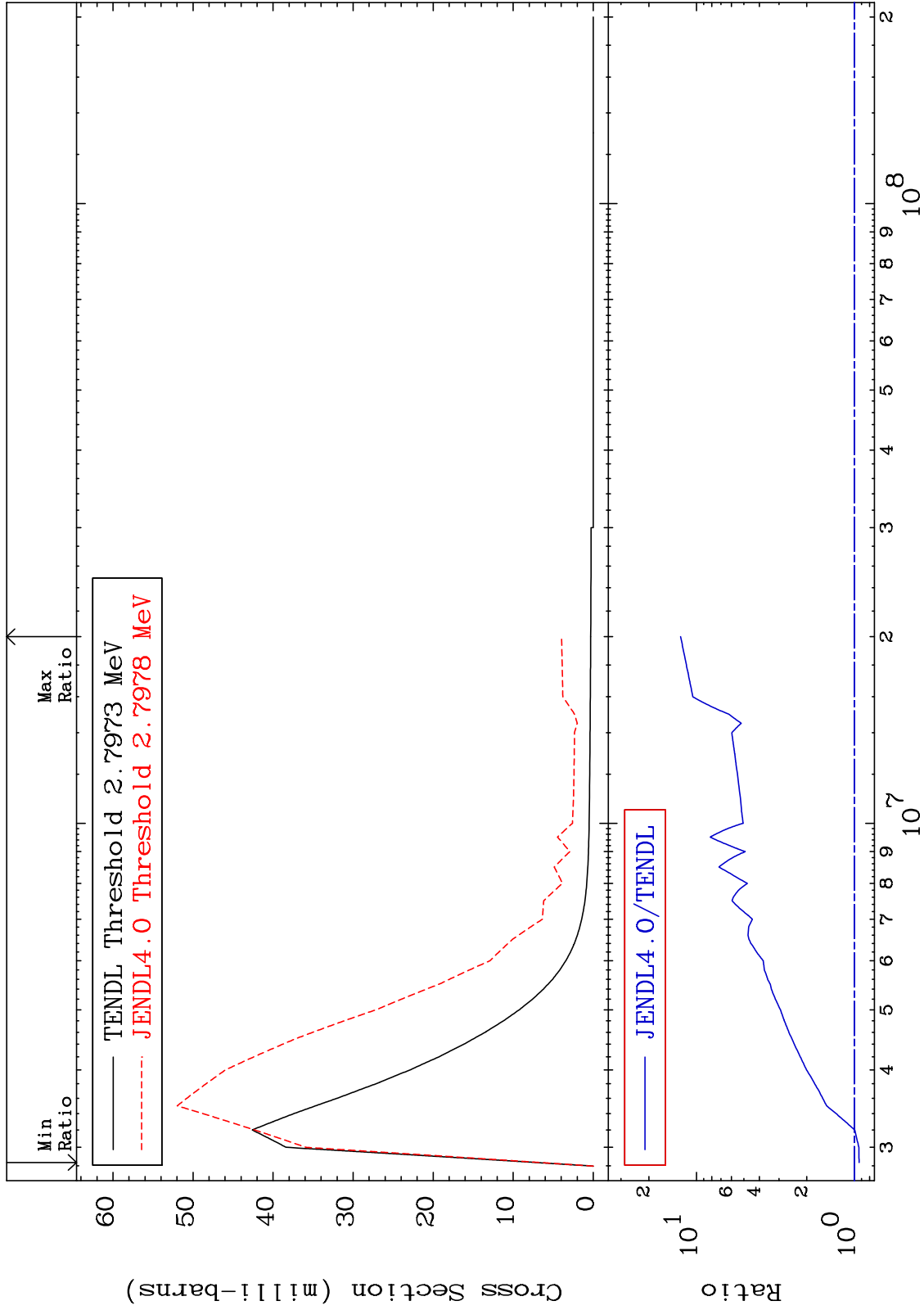
Incident Energy (eV)

42-Mo-94

MAT 4231

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

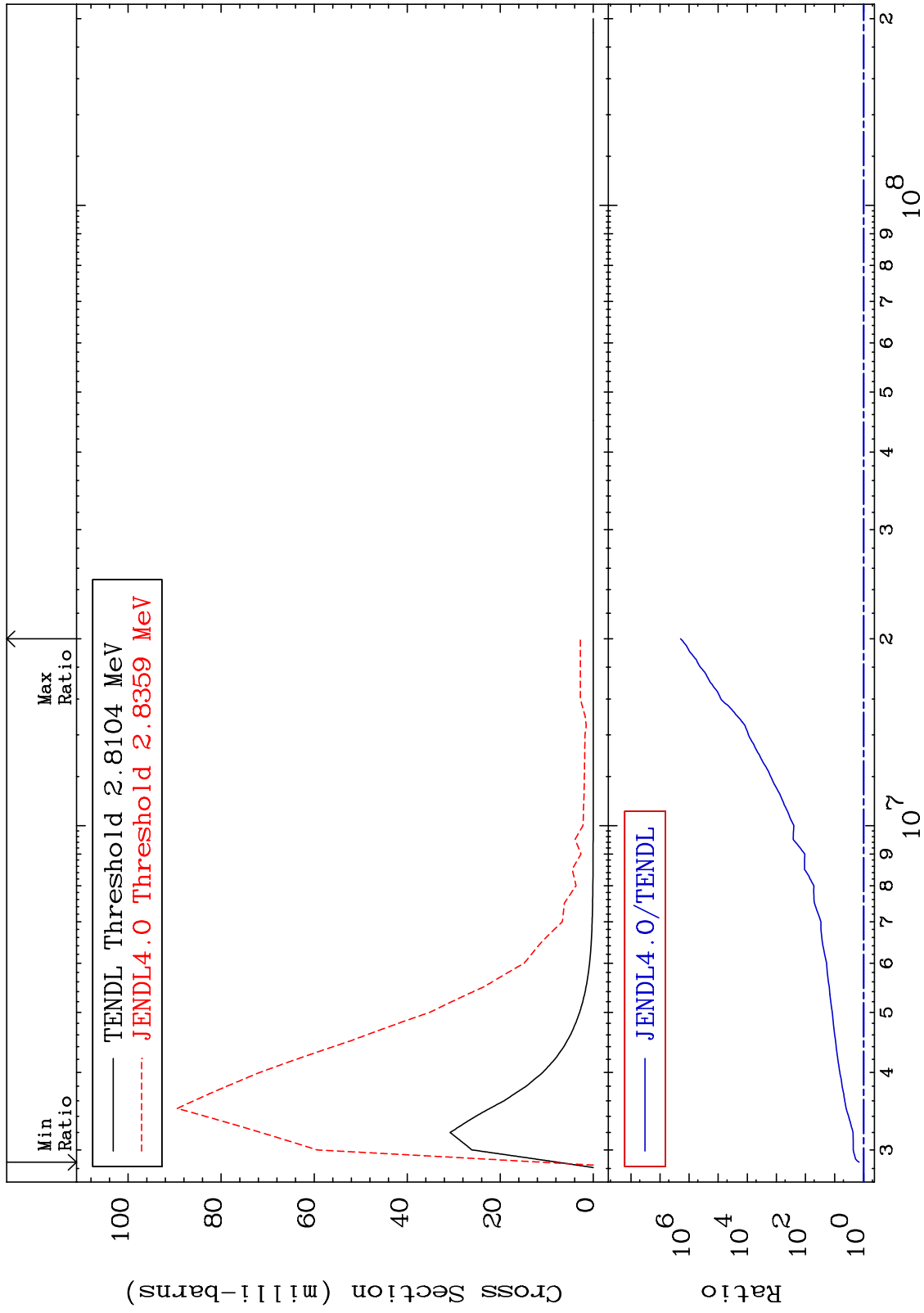
42-Mo-94
-6.765 To 1158. %



MAT 4231

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

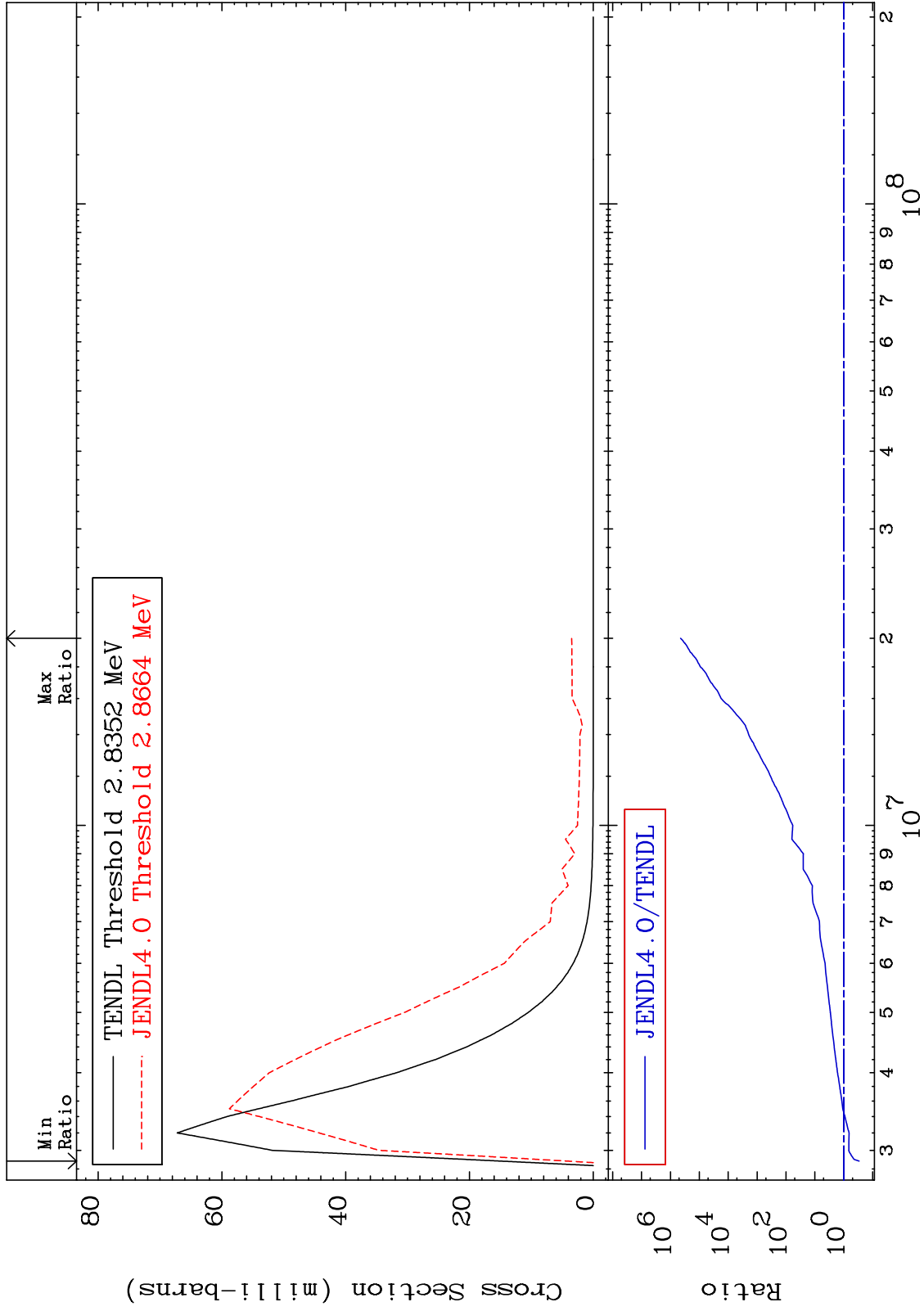
43.11 To 9999. %
42-Mo-94



MAT 4231

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

42-Mo-94
-70.63 To 9999. %



27

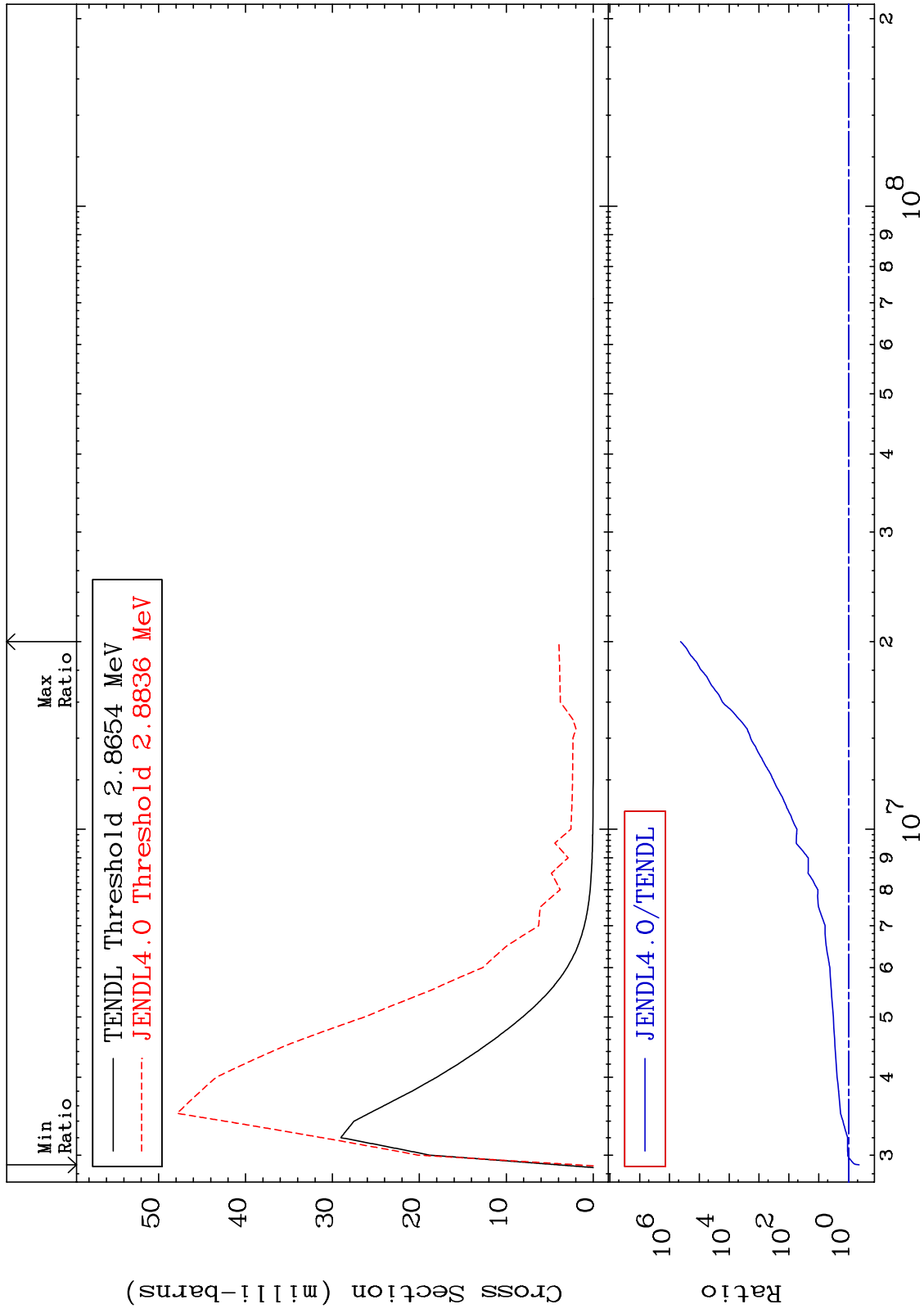
Incident Energy (eV)

42-Mo-94

MAT 4231

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

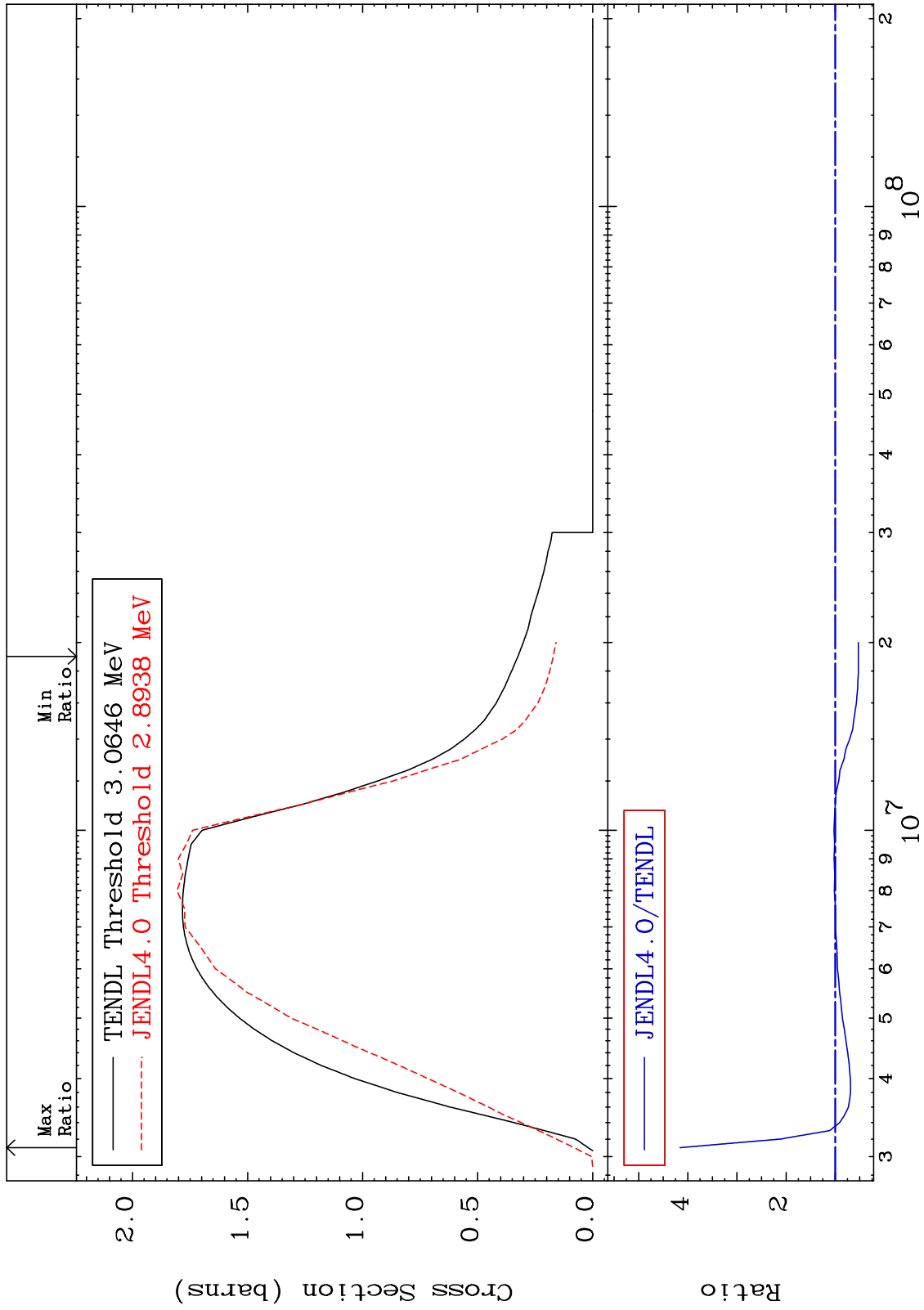
42-Mo-94
-55.94 To 9999. %



MAT 4231

(n,n') Continuum
Cross Section

42-Mo-94
-47.24 To 315.8 %



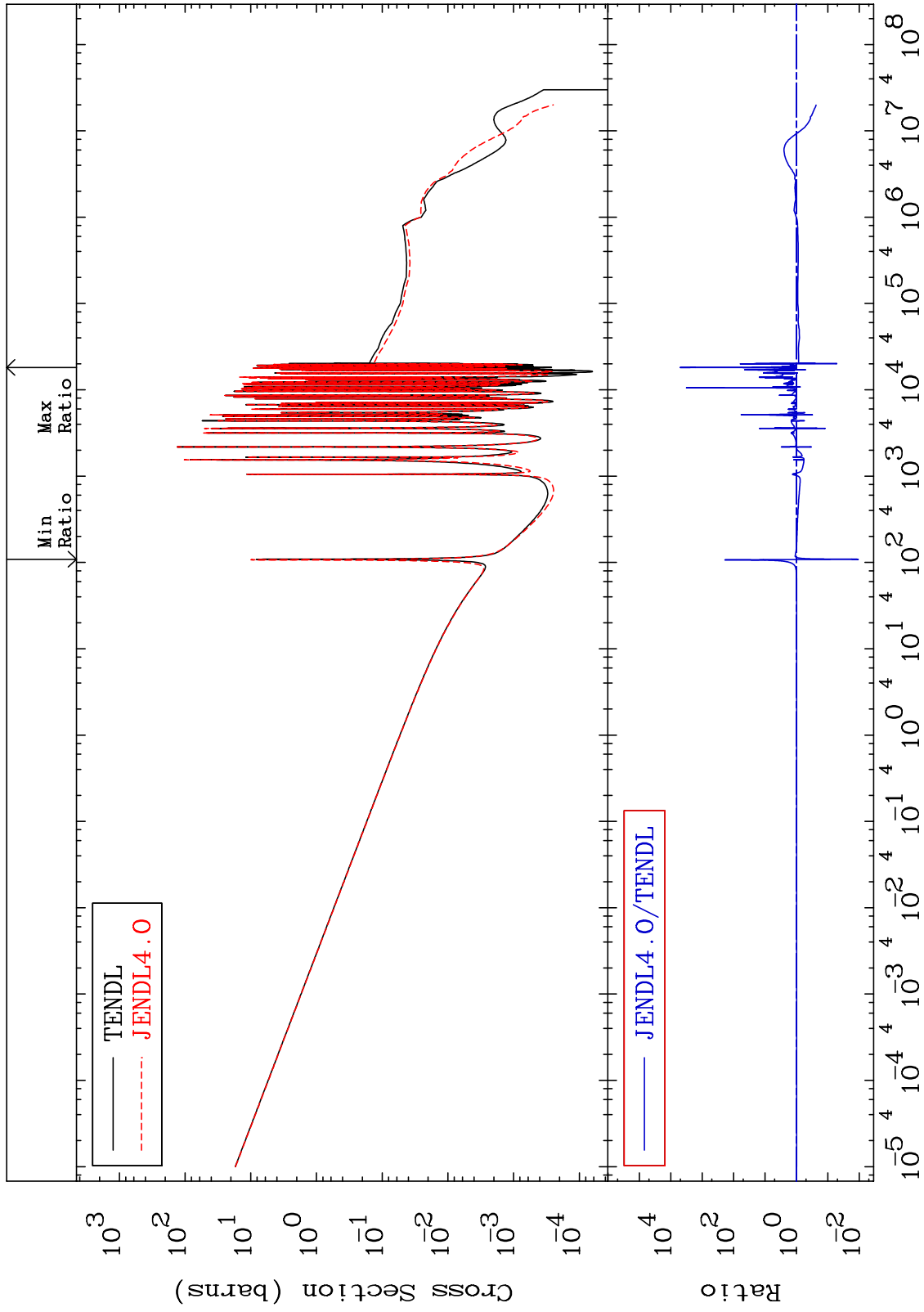
29

42-Mo-94

MAT 4231

(n, γ)
Cross Section

42-Mo-94
-98.93 To 9999. %



30

Incident Energy (eV)

42-Mo-94

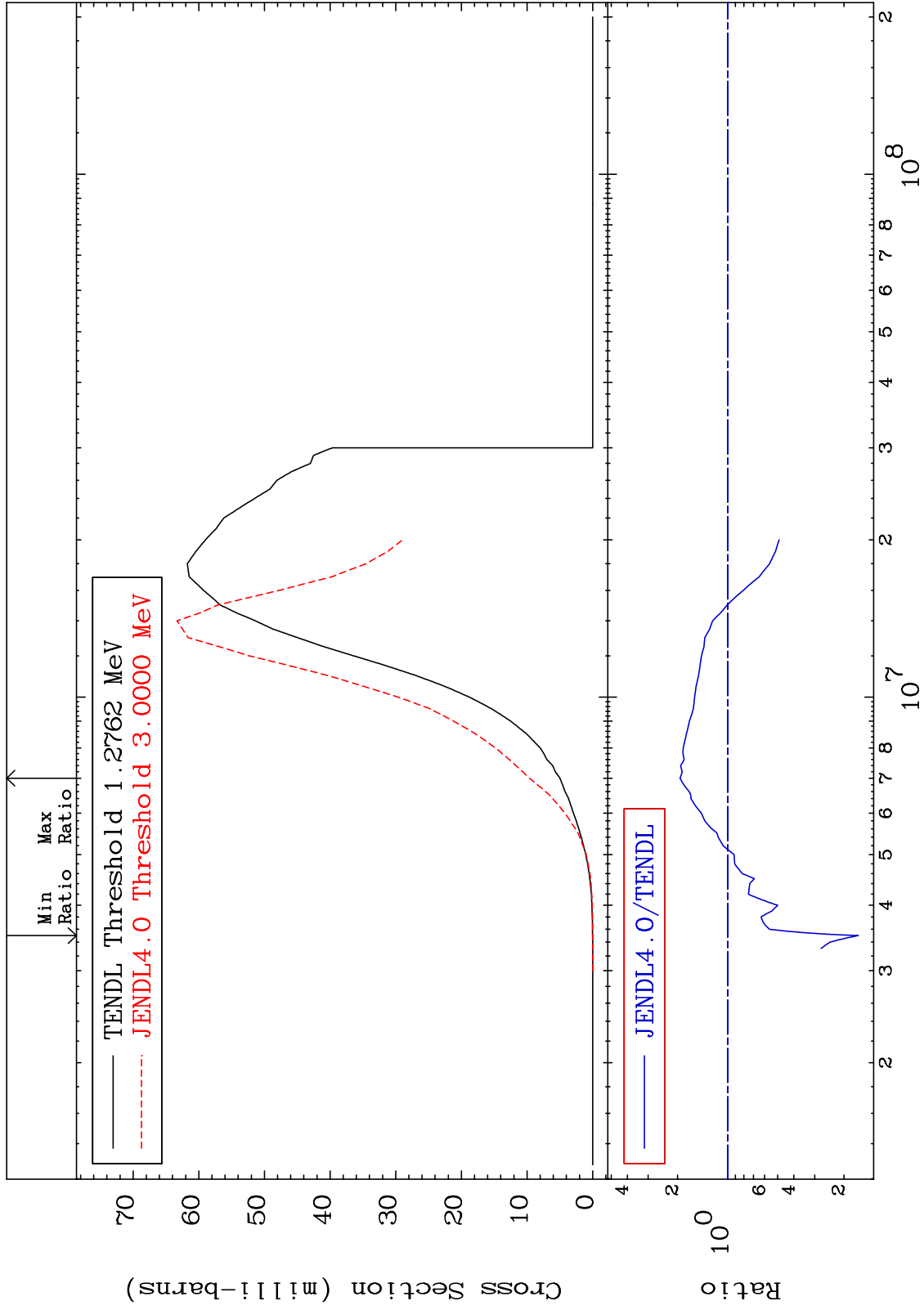
MAT 4231

(n,p)

42-Mo-94

Cross Section

-83.61 To 93.24 %



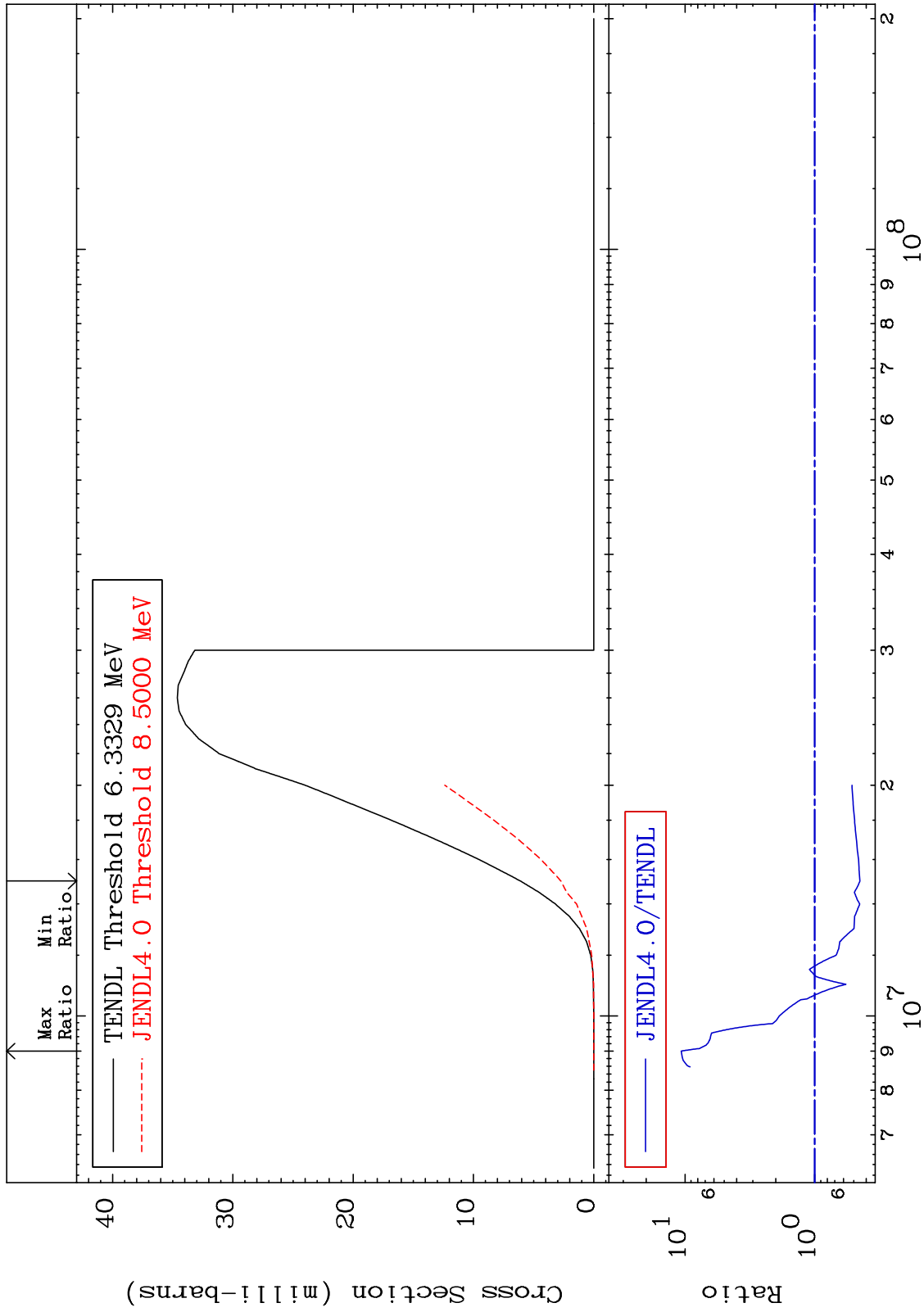
MAT 4231

(n, d)

42-Mo-94

Cross Section

-55.19 To 972.5 %



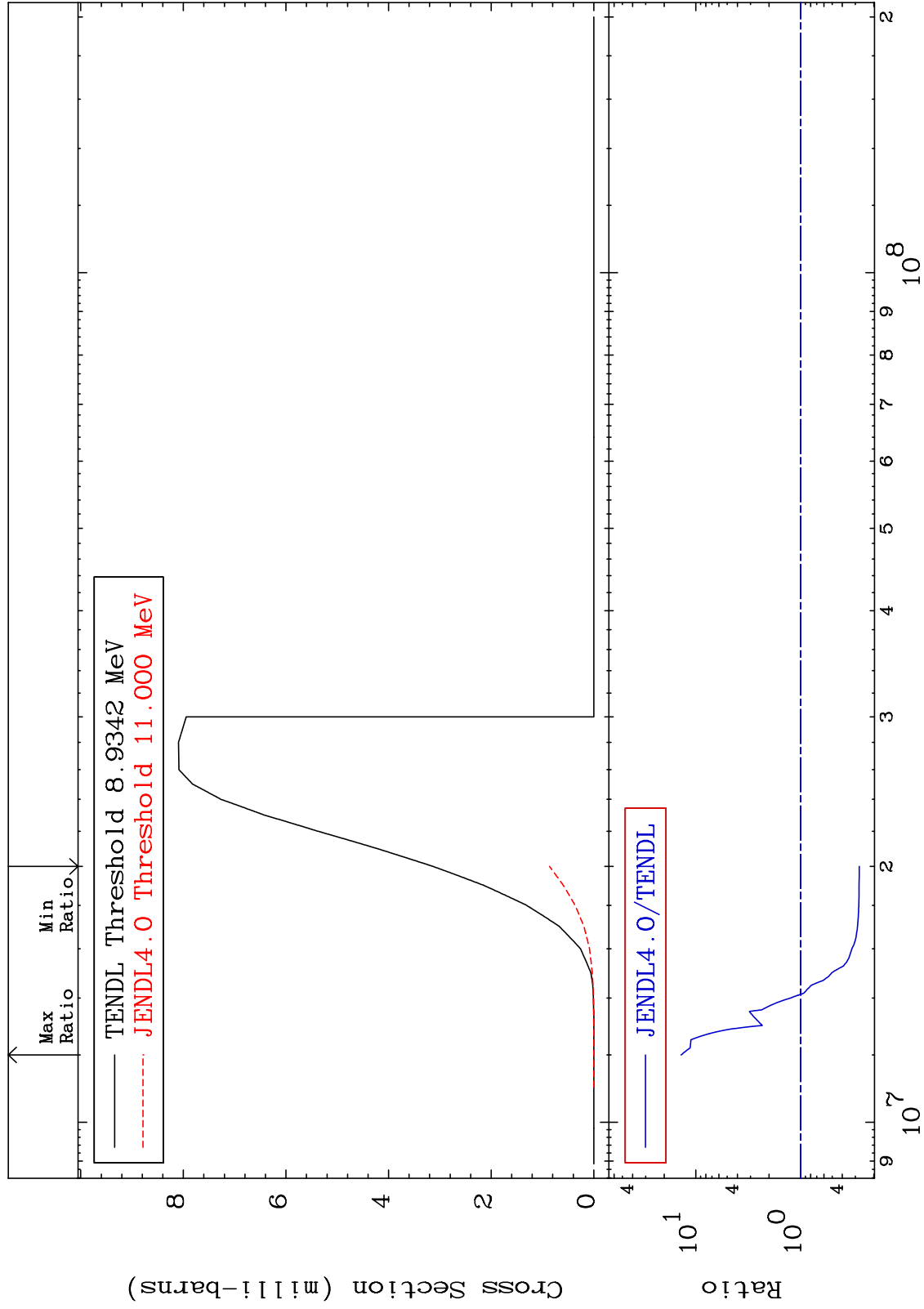
MAT 4231

(n, t)

42-Mo-94

Cross Section

-72.44 To 1280. %



33

Incident Energy (eV)

42-Mo-94

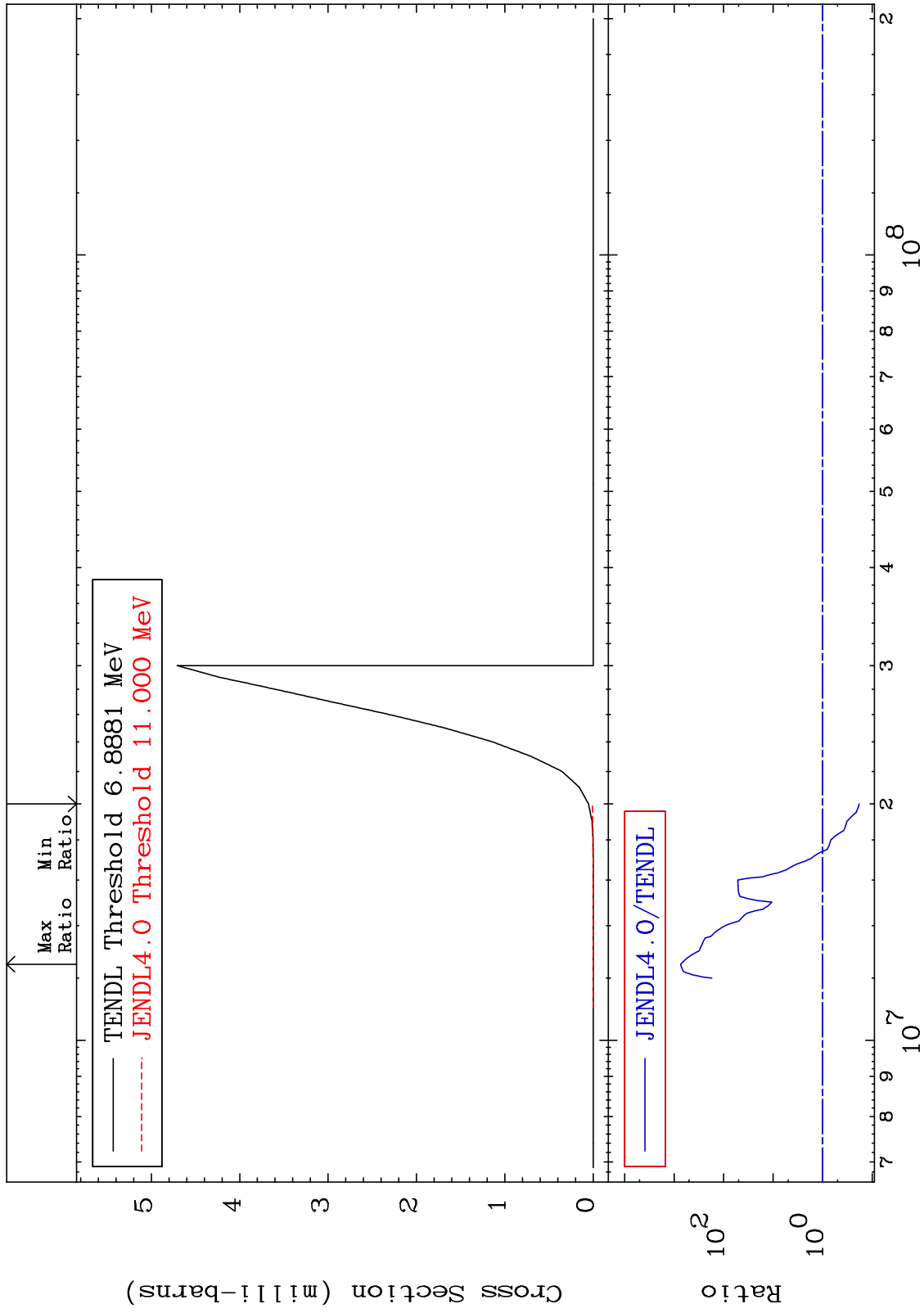
MAT 4231

(n, He-3)

42-Mo-94

Cross Section

-81.65 To 9999. %



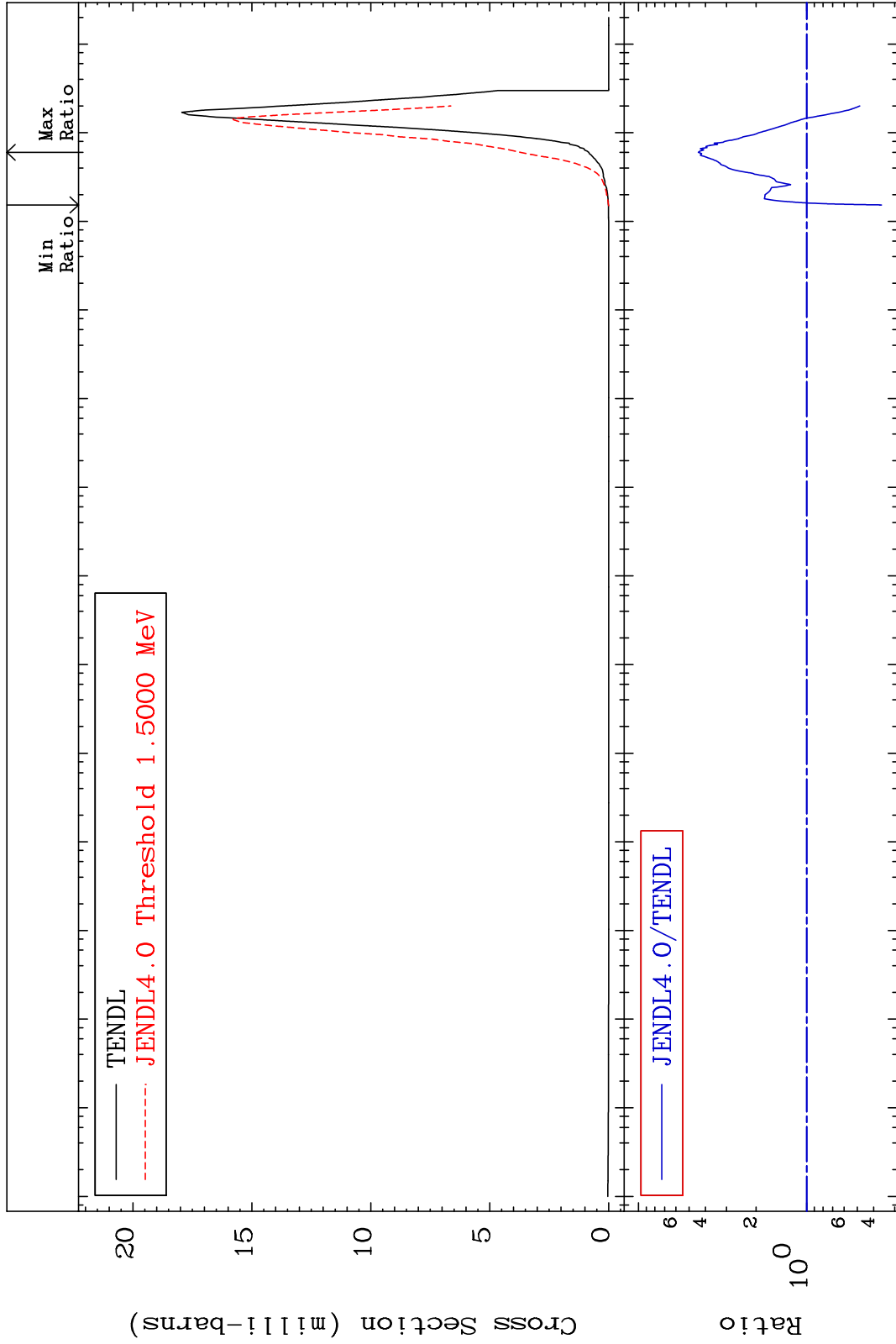
MAT 4231

(n, α)

42-Mo-94

Cross Section

-64.11 To 340.9 %



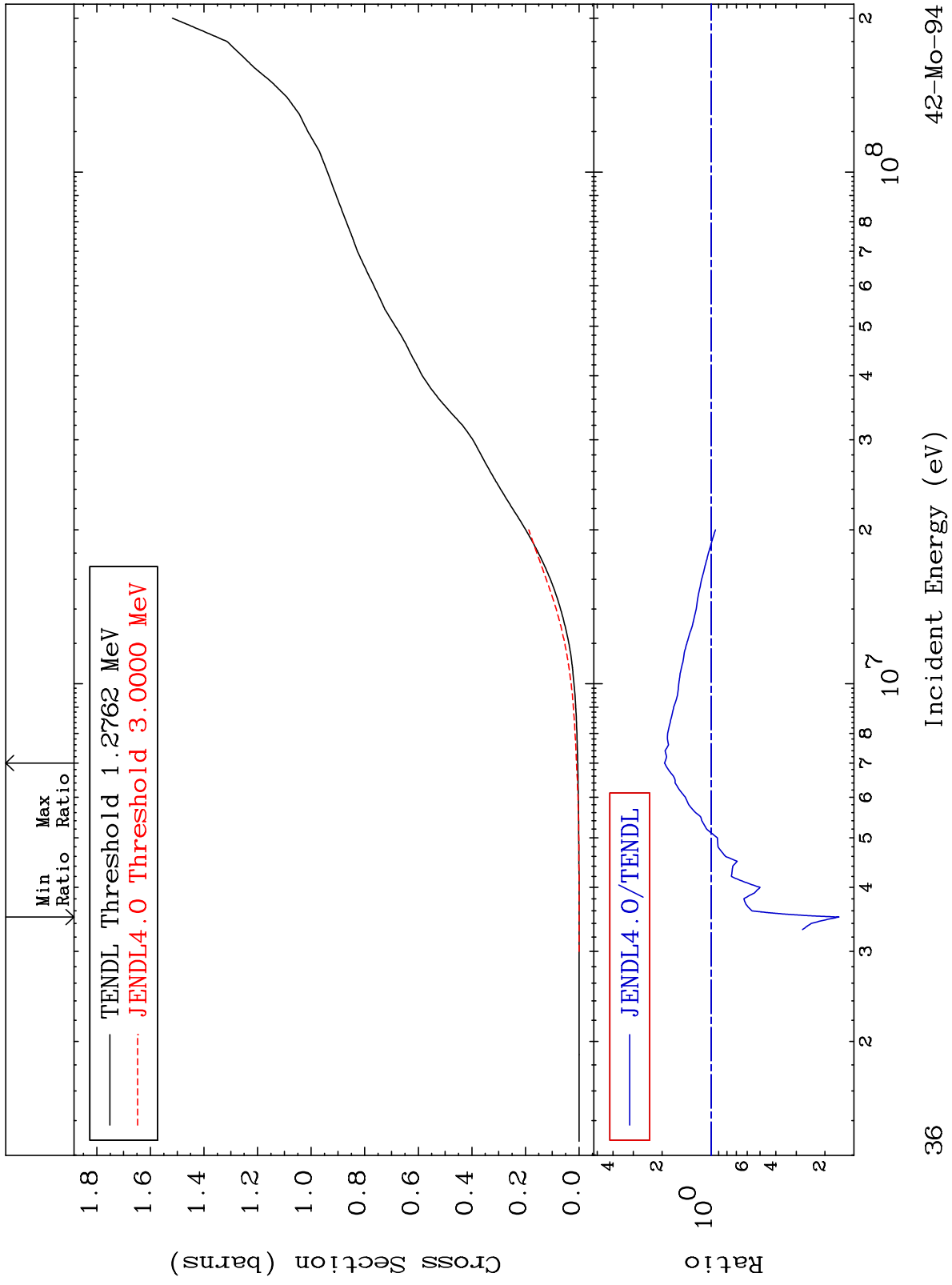
Incident Energy (eV)

42-Mo-94

MAT 4231

Hydrogen Production
Cross Section

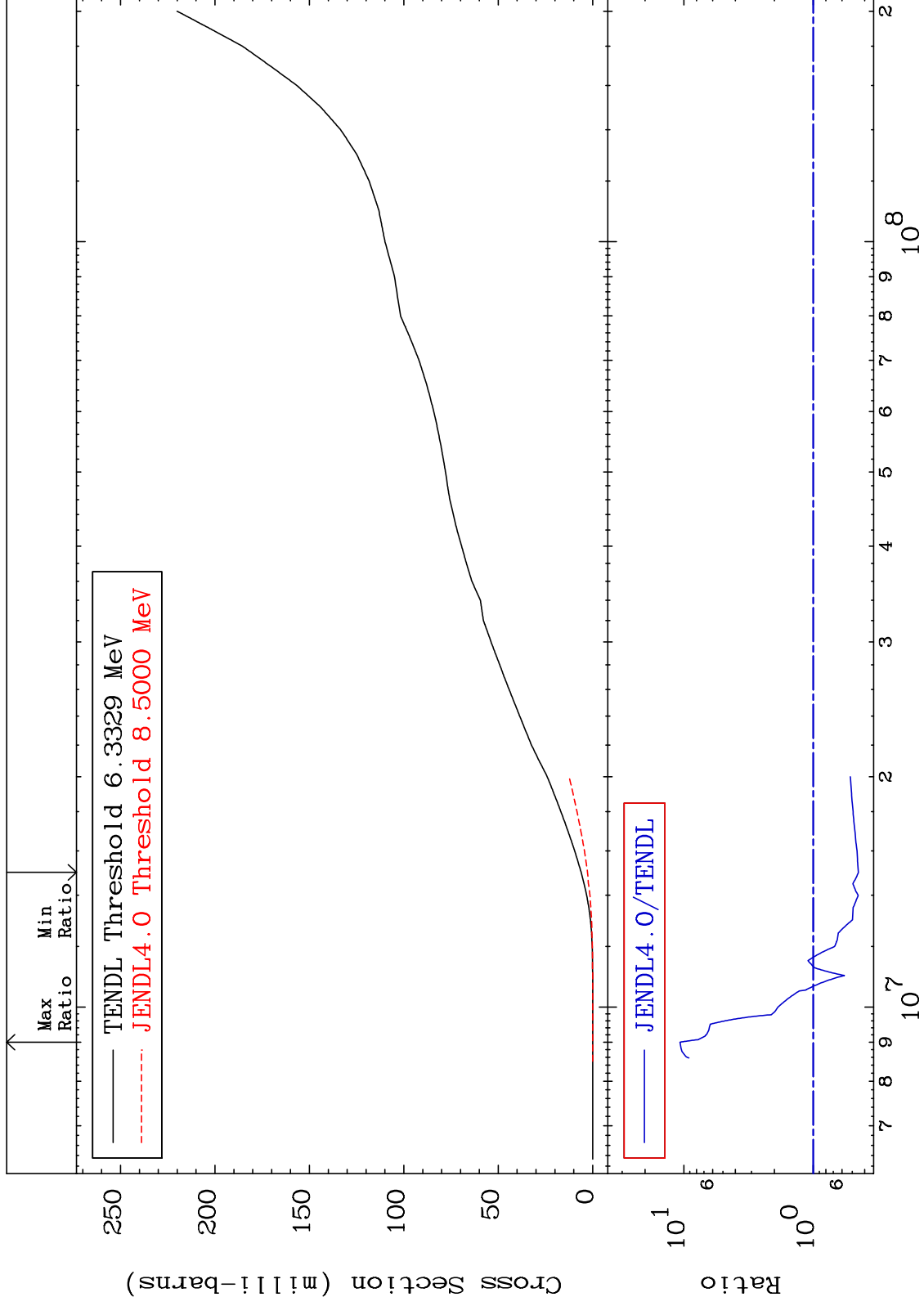
42-Mo-94
-83.61 To 93.24 %



MAT 4231

Deuterium Production
Cross Section

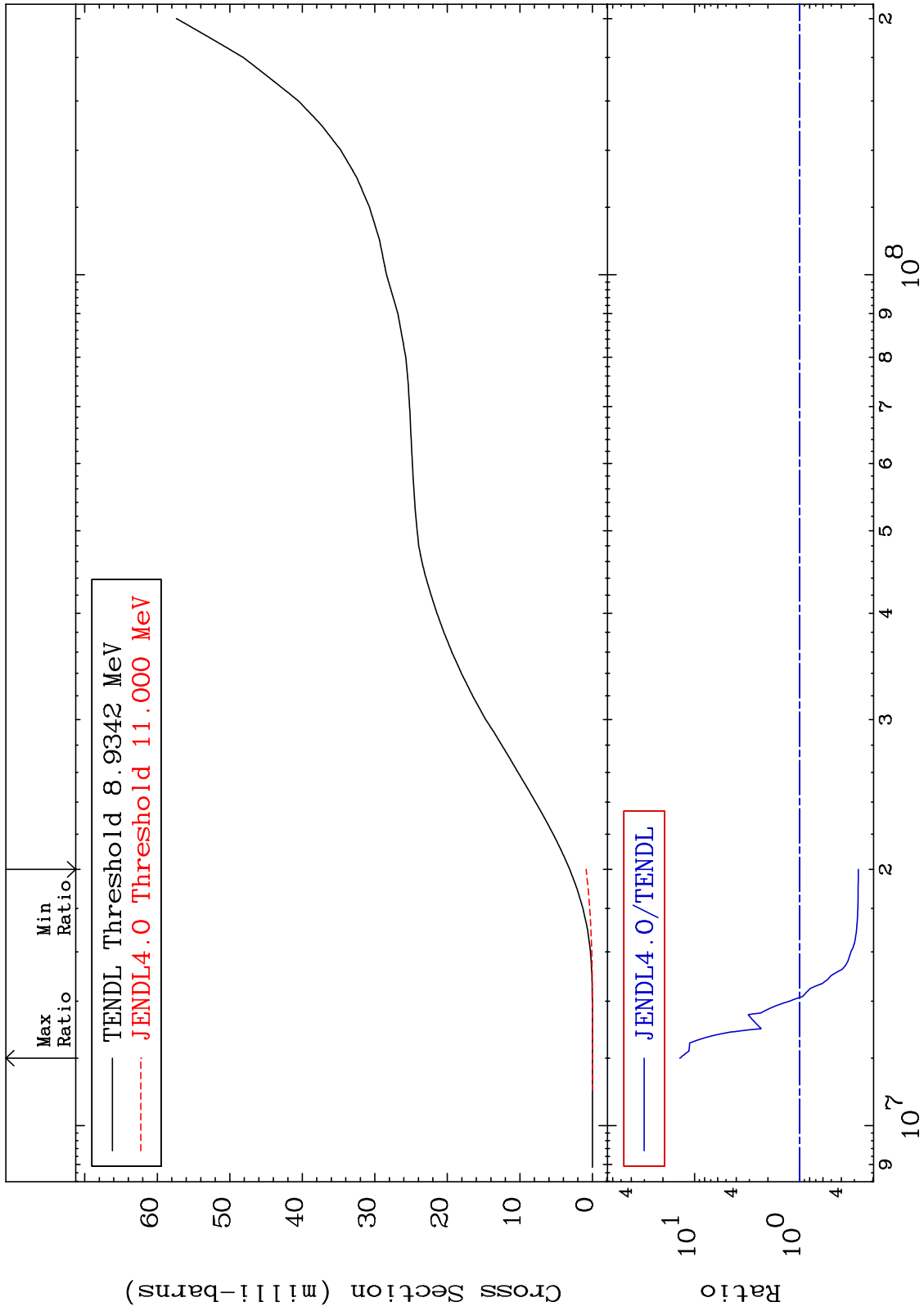
42-Mo-94
-55.19 To 972.5 %



MAT 4231

Tritium Production
Cross Section

42-Mo-94
-72.44 To 1280. %



38

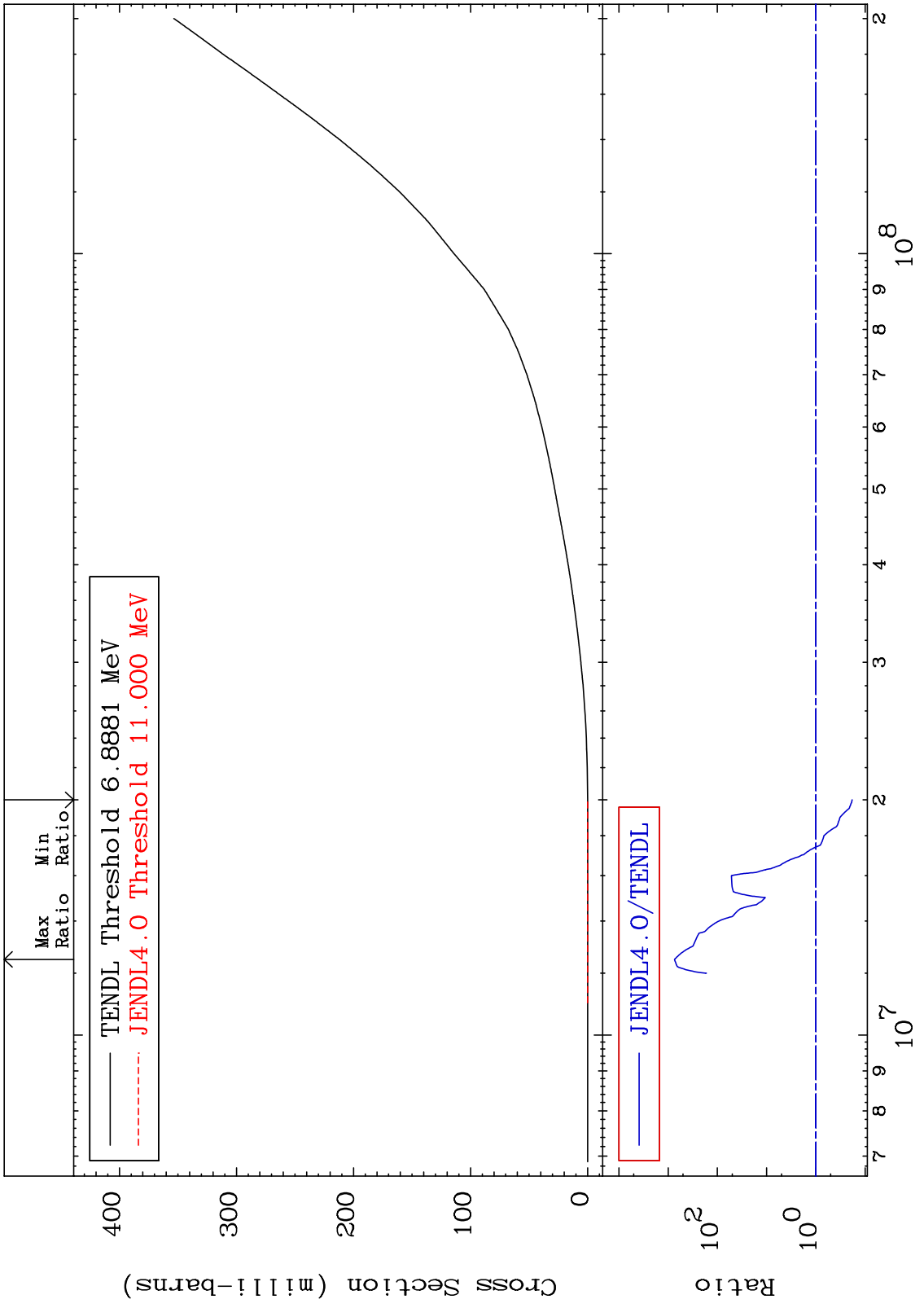
Incident Energy (eV)

42-Mo-94

MAT 4231

He-3 Production
Cross Section

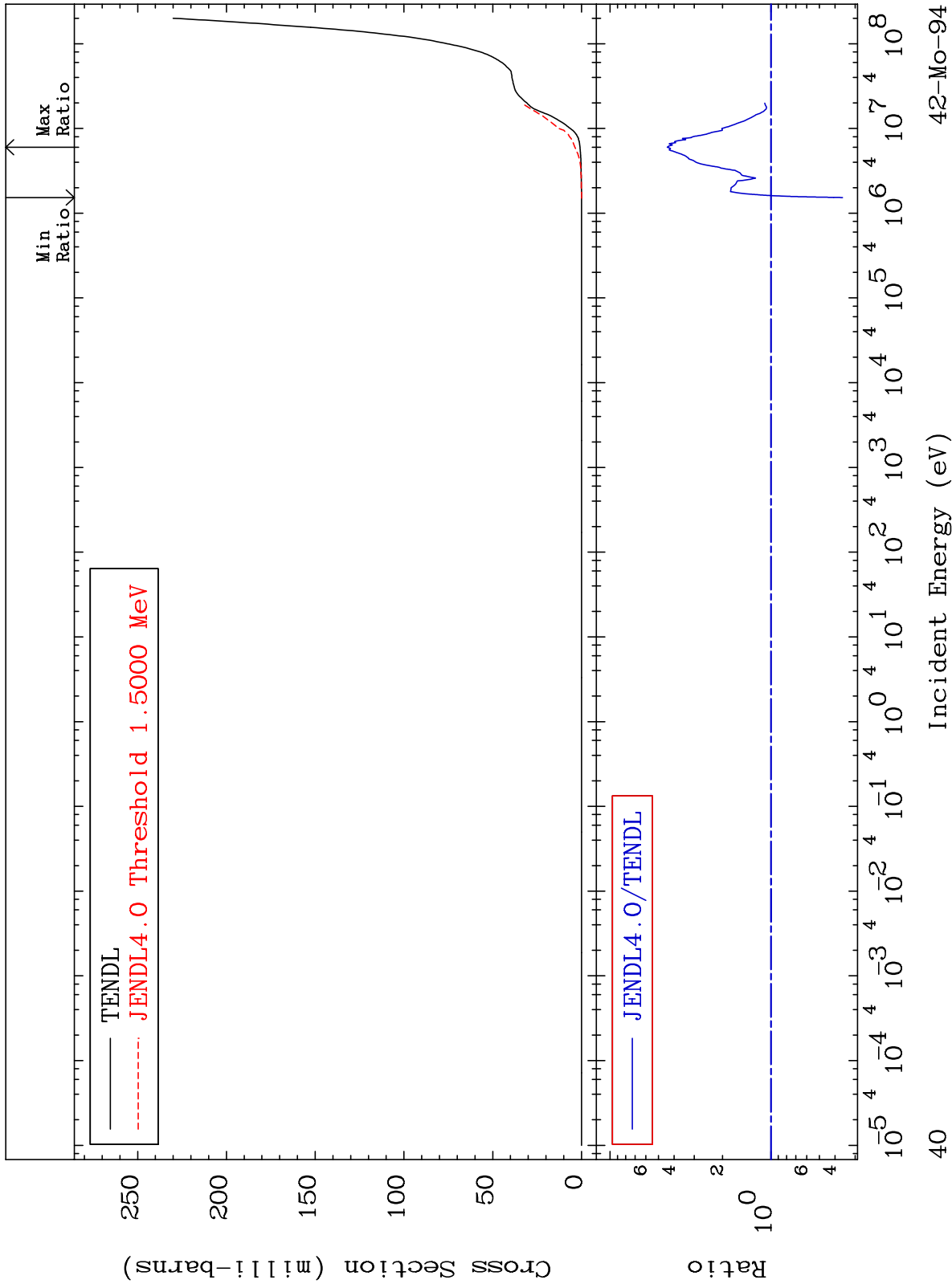
42-Mo-94
-81.65 To 9999. %



MAT 4231

He-4 Production
Cross Section

42-Mo-94
-64.11 To 340.9 %



42-Mo-94

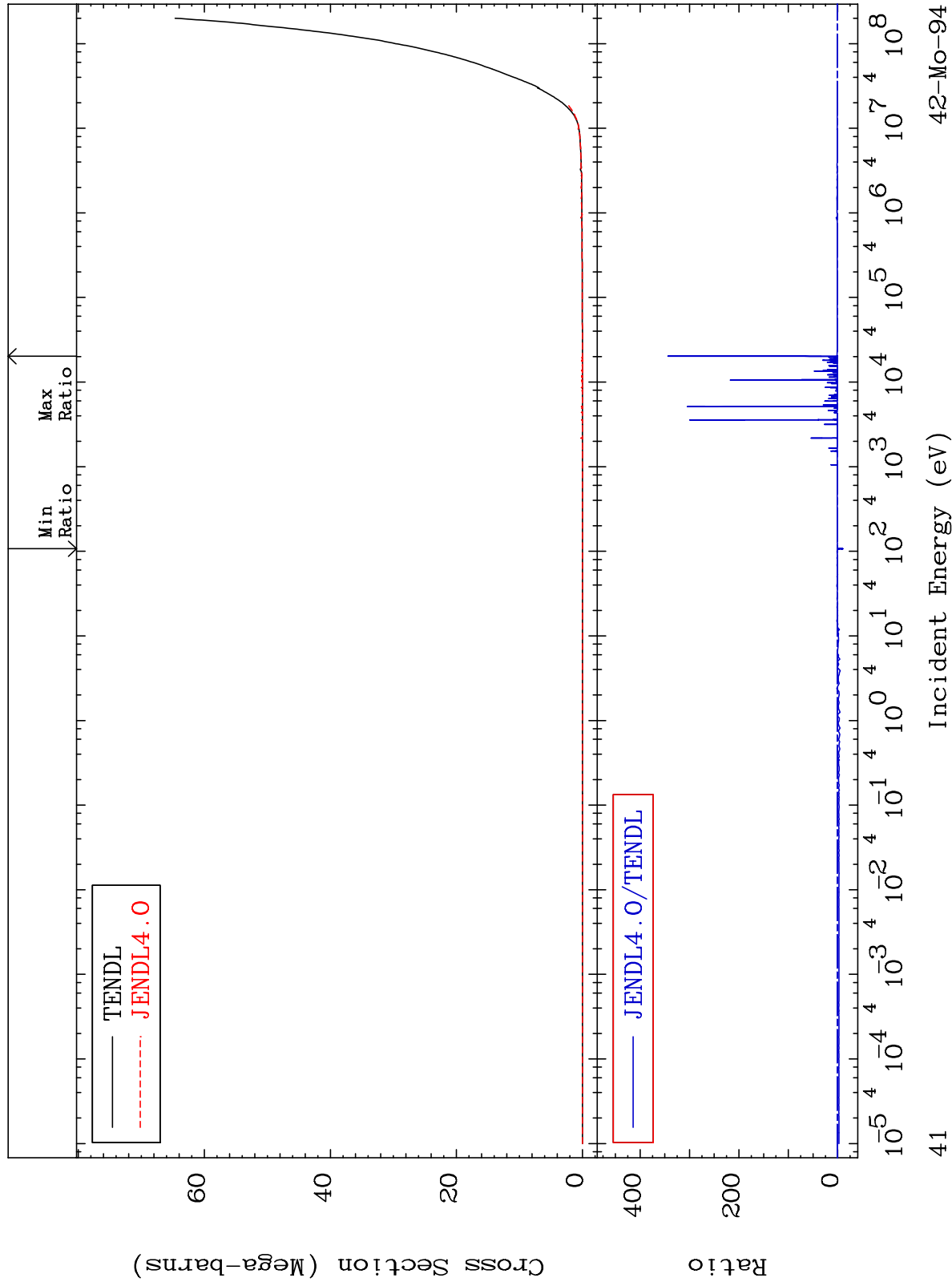
Incident Energy (eV)

40

MAT 4231

Kerma total (eV-barns)
Cross Section

42-Mo-94
-1129. To 9999. %



41

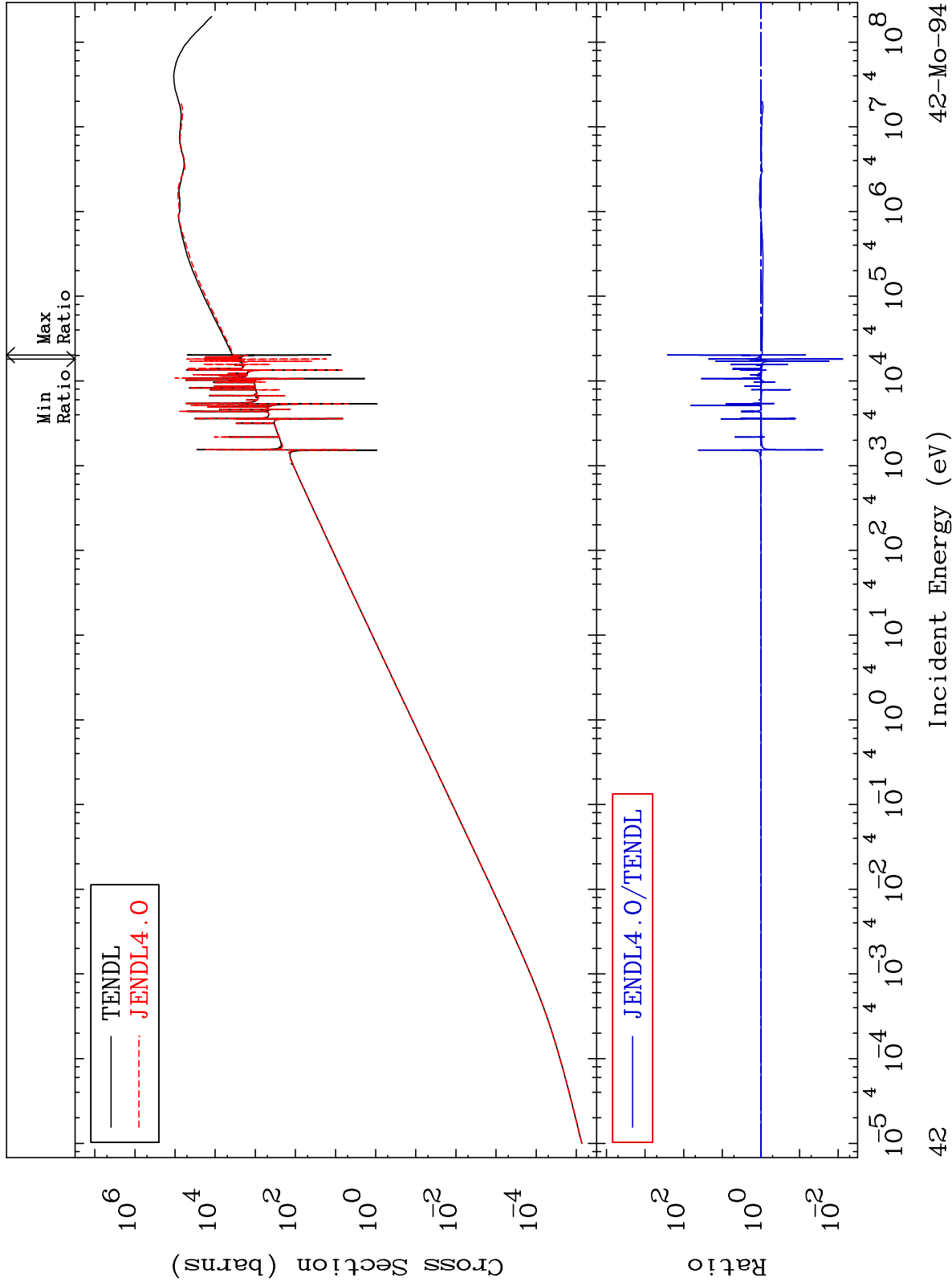
Incident Energy (eV)

42-Mo-94

MAT 4231

Kerma elastic
Cross Section

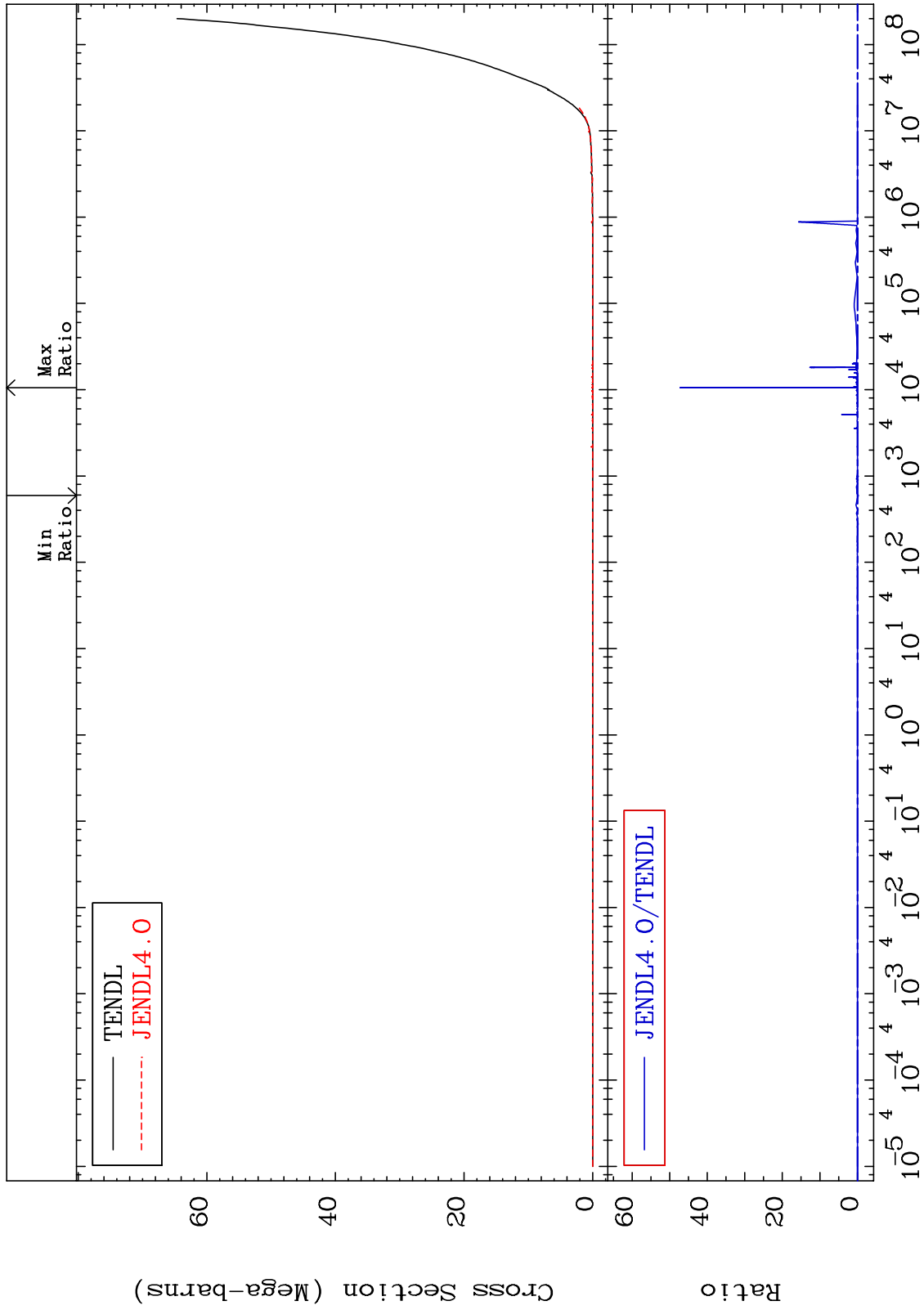
42-Mo-94
-99.24 To 9999. %



MAT 4231

Kerma non-elastic (all but mt2)
Cross Section

42-Mo-94
-9999. To 9999. %



43

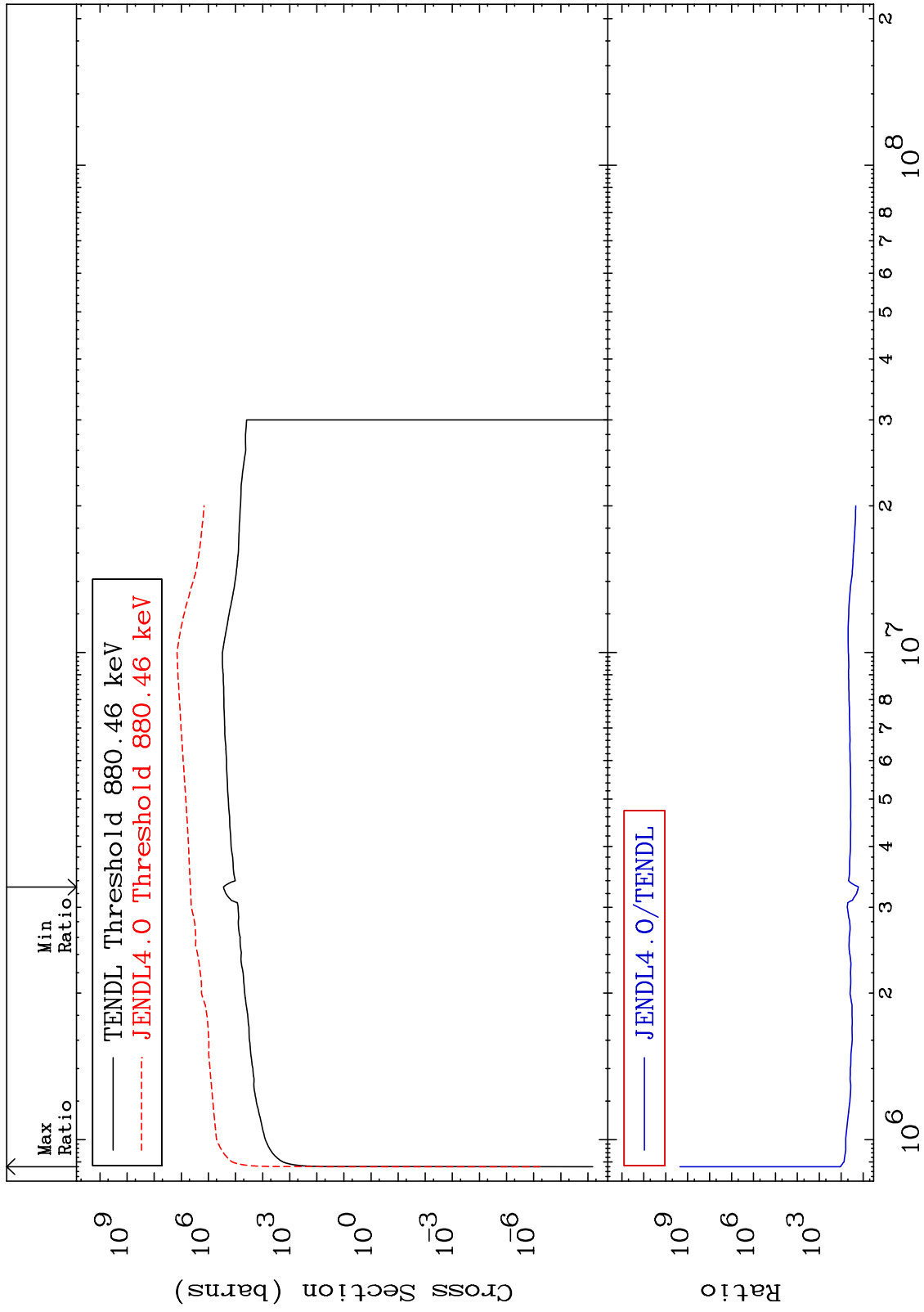
Incident Energy (eV)

42-Mo-94

MAT 4231

Kerma inelastic (mt51-91)
Cross Section

42-Mo-94
1547. To 9999. %



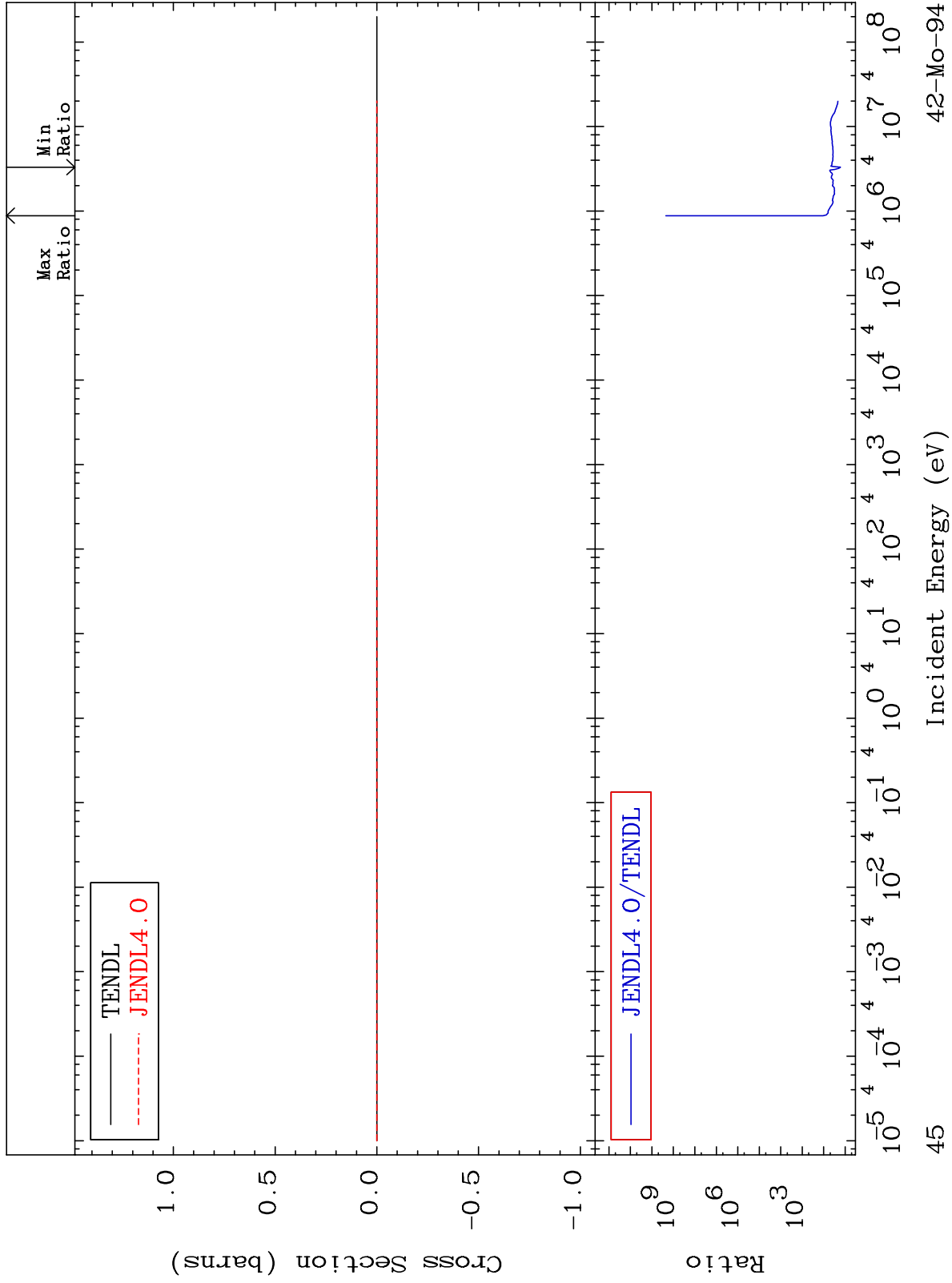
42-Mo-94

Incident Energy (eV)

MAT 4231

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

42-Mo-94
1547. To 9999. %



45

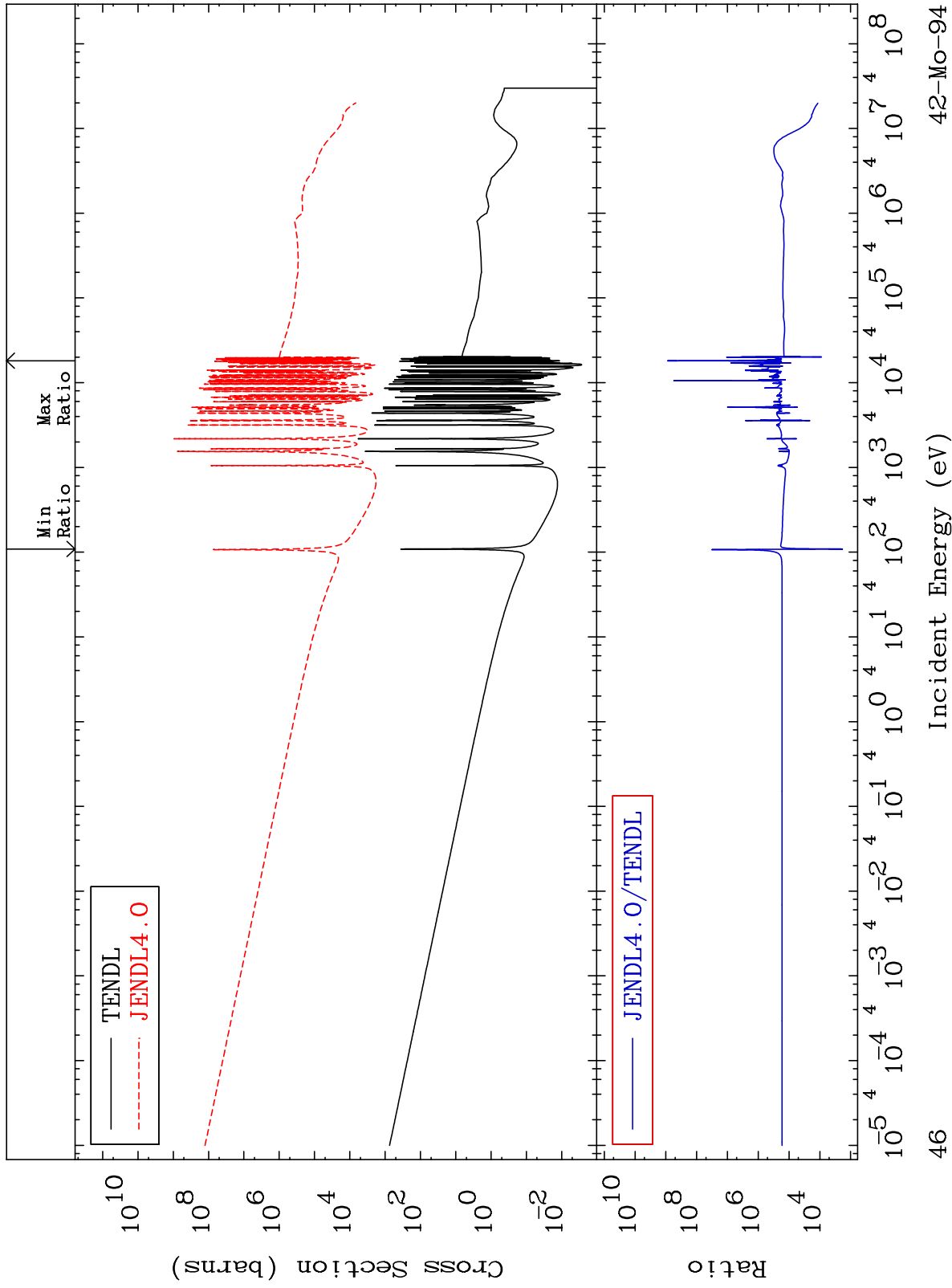
Incident Energy (eV)

42-Mo-94

MAT 4231

Kerma capture (mt102)
Cross Section

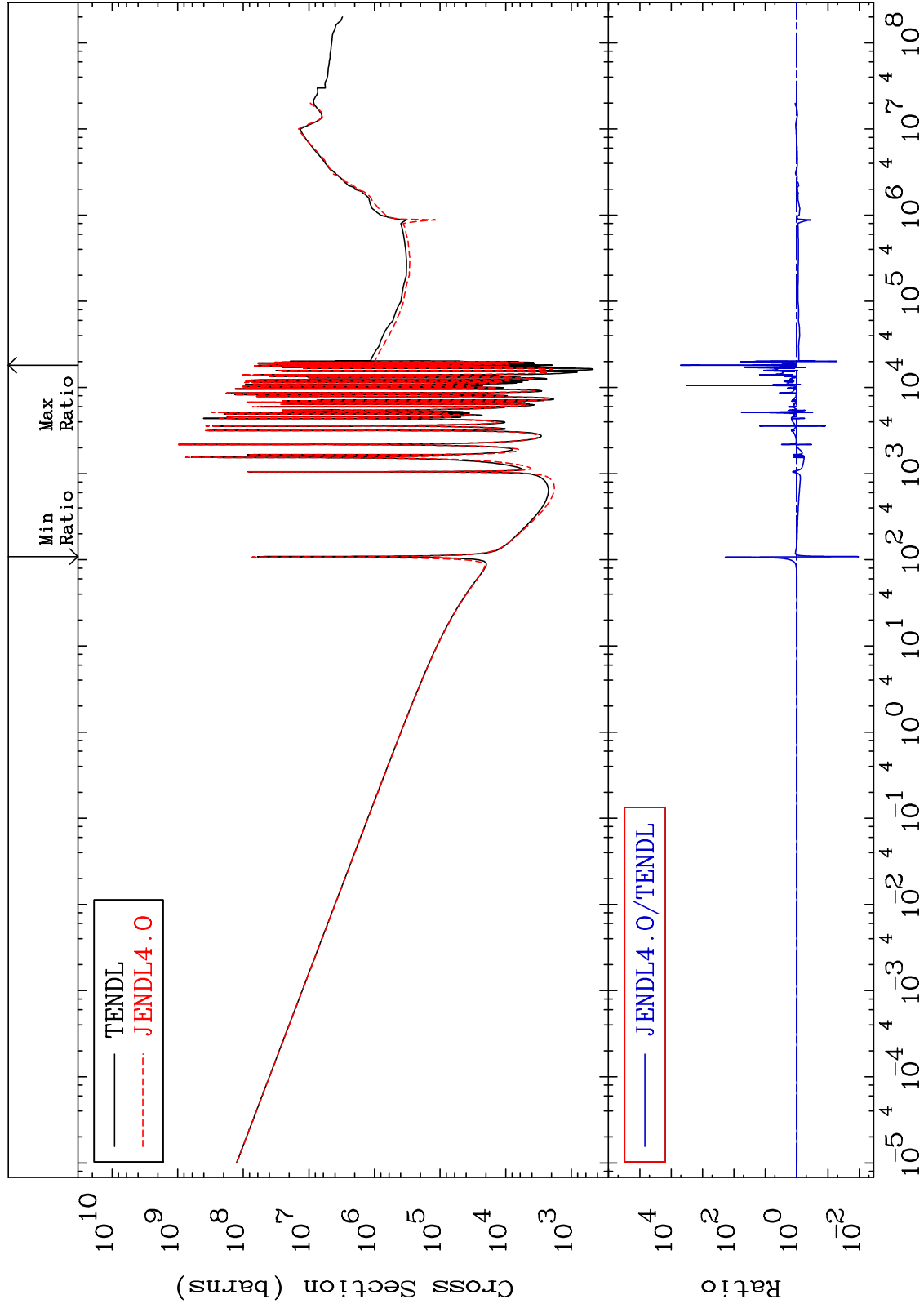
42-Mo-94
9999. To 9999. %



MAT 4231

Total photon (eV-barns)
Cross Section

42-Mo-94
-98.93 To 9999. %



47

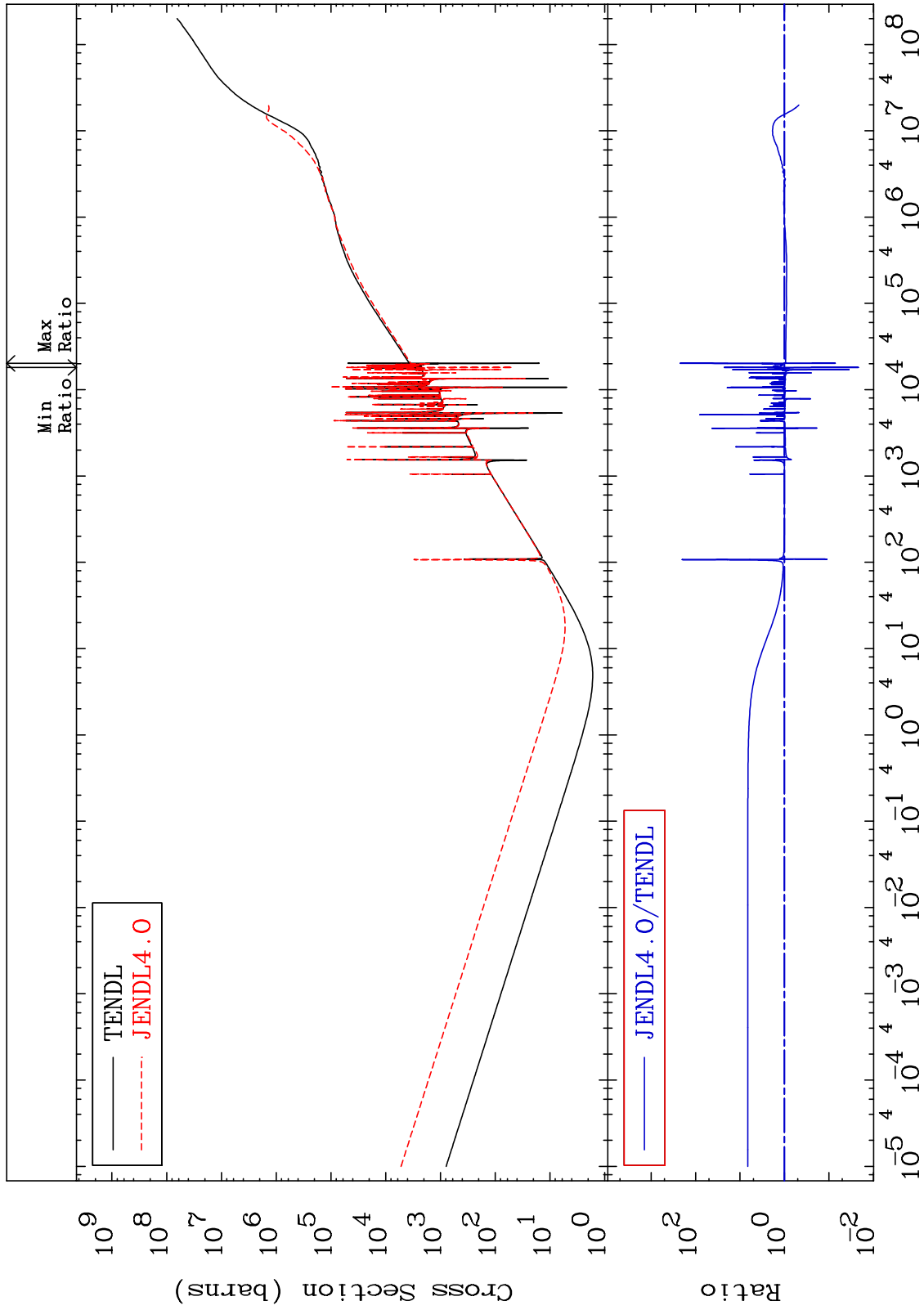
Incident Energy (eV)

42-Mo-94

MAT 4231

Total kinematic kerma (high limit)
Cross Section

42-Mo-94
-97.83 To 9999. %



48

Incident Energy (eV)

42-Mo-94

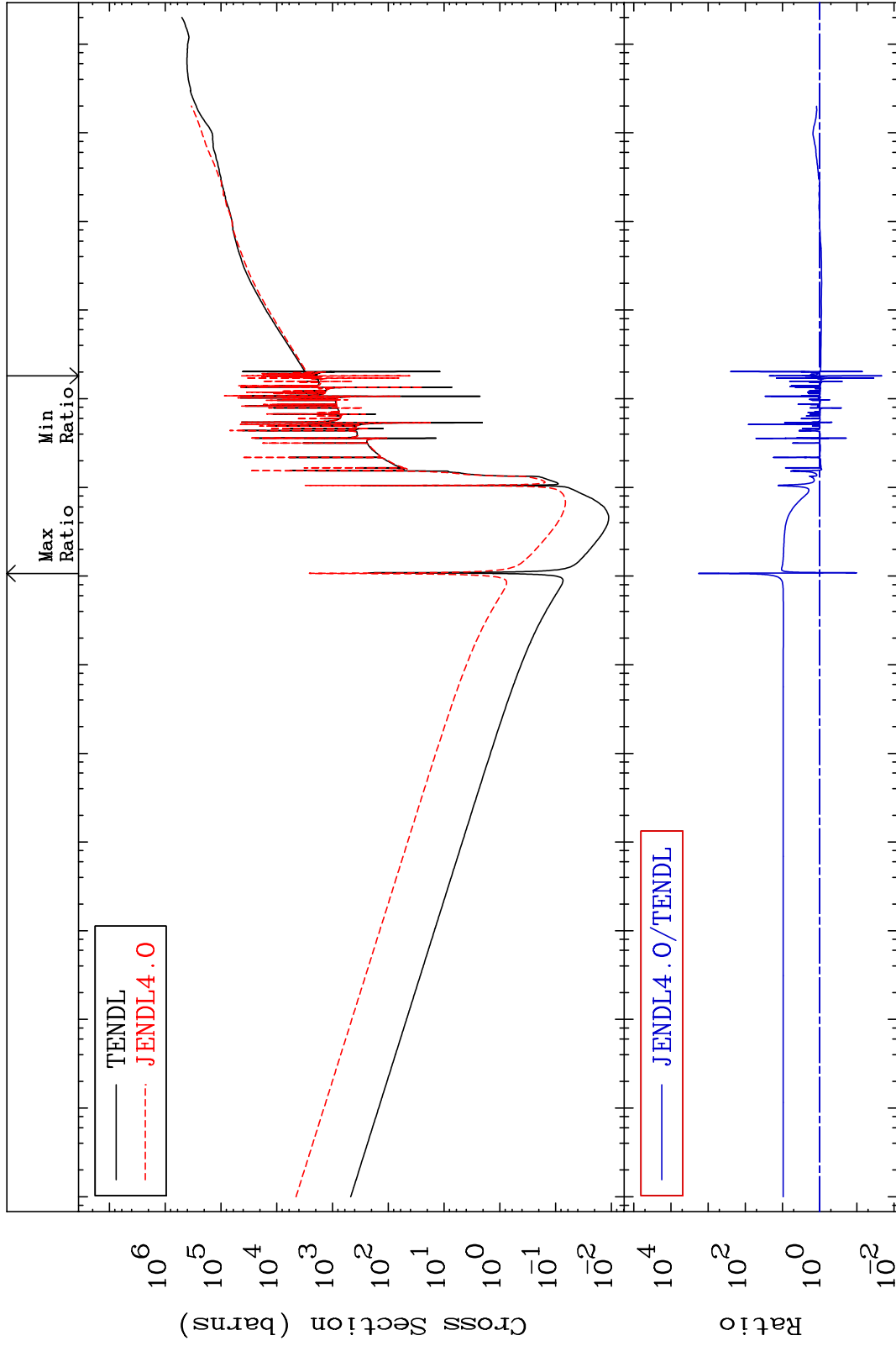
MAT 4231

Dpa total (eV-barns)

42-Mo-94

-97.82 To 9999. %

Cross Section



49

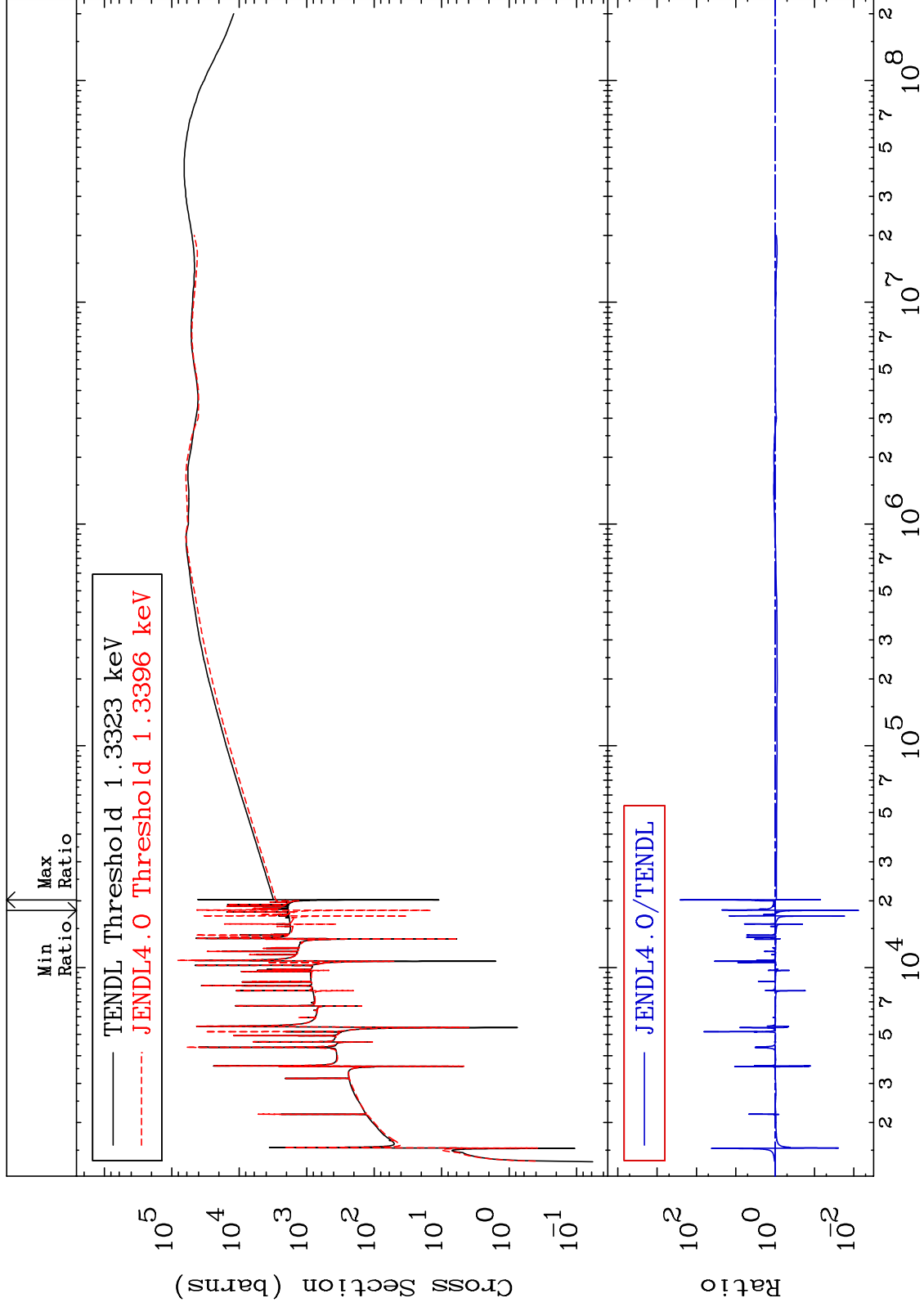
Incident Energy (eV)

42-Mo-94

MAT 4231

Dpa elastic (mt2)
Cross Section

42-Mo-94
-99.24 To 9999. %



50

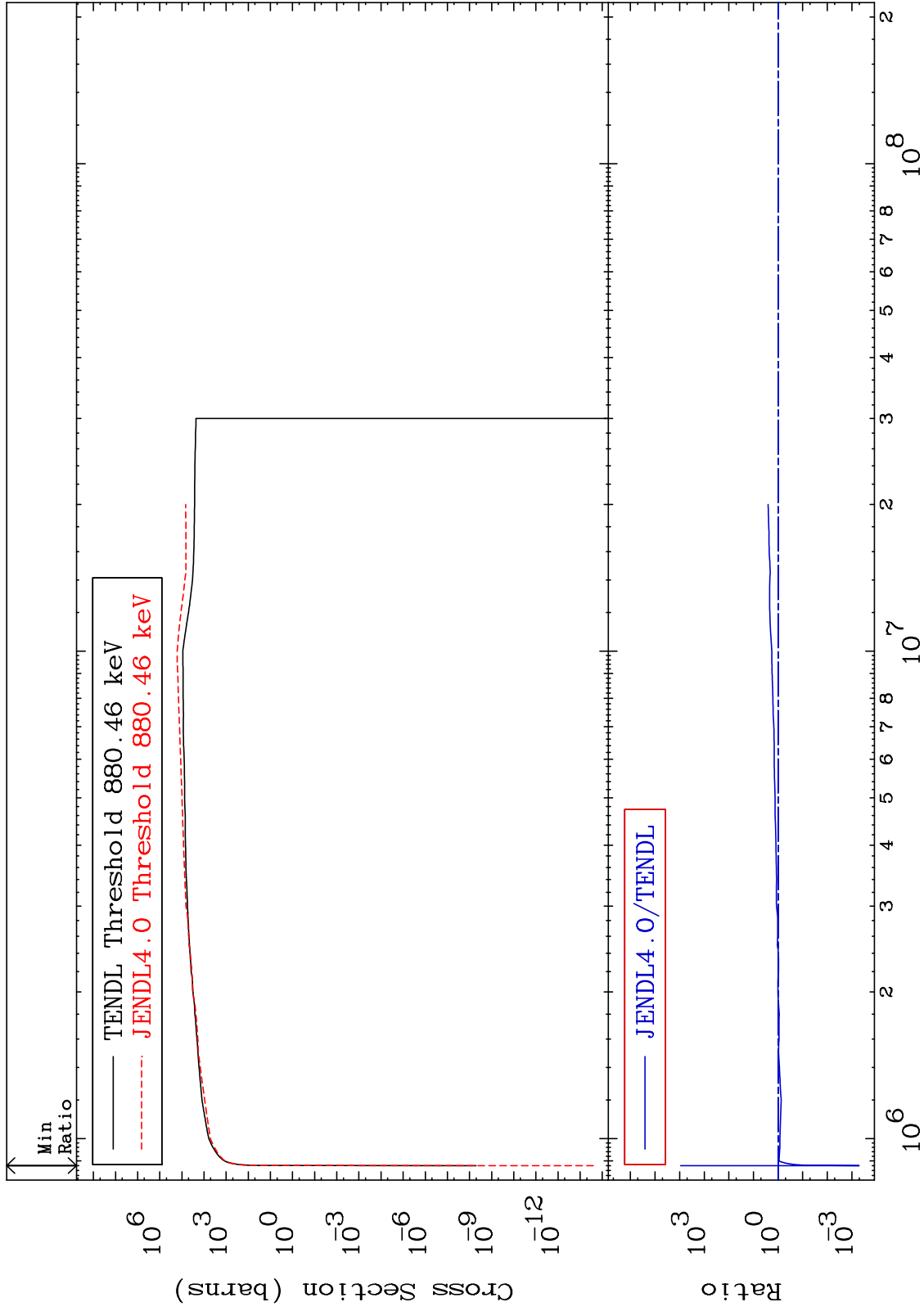
Incident Energy (eV)

42-Mo-94

MAT 4231

Dpa inelastic (mt51-91)
Cross Section

42-Mo-94
-99.95 To 9999. %



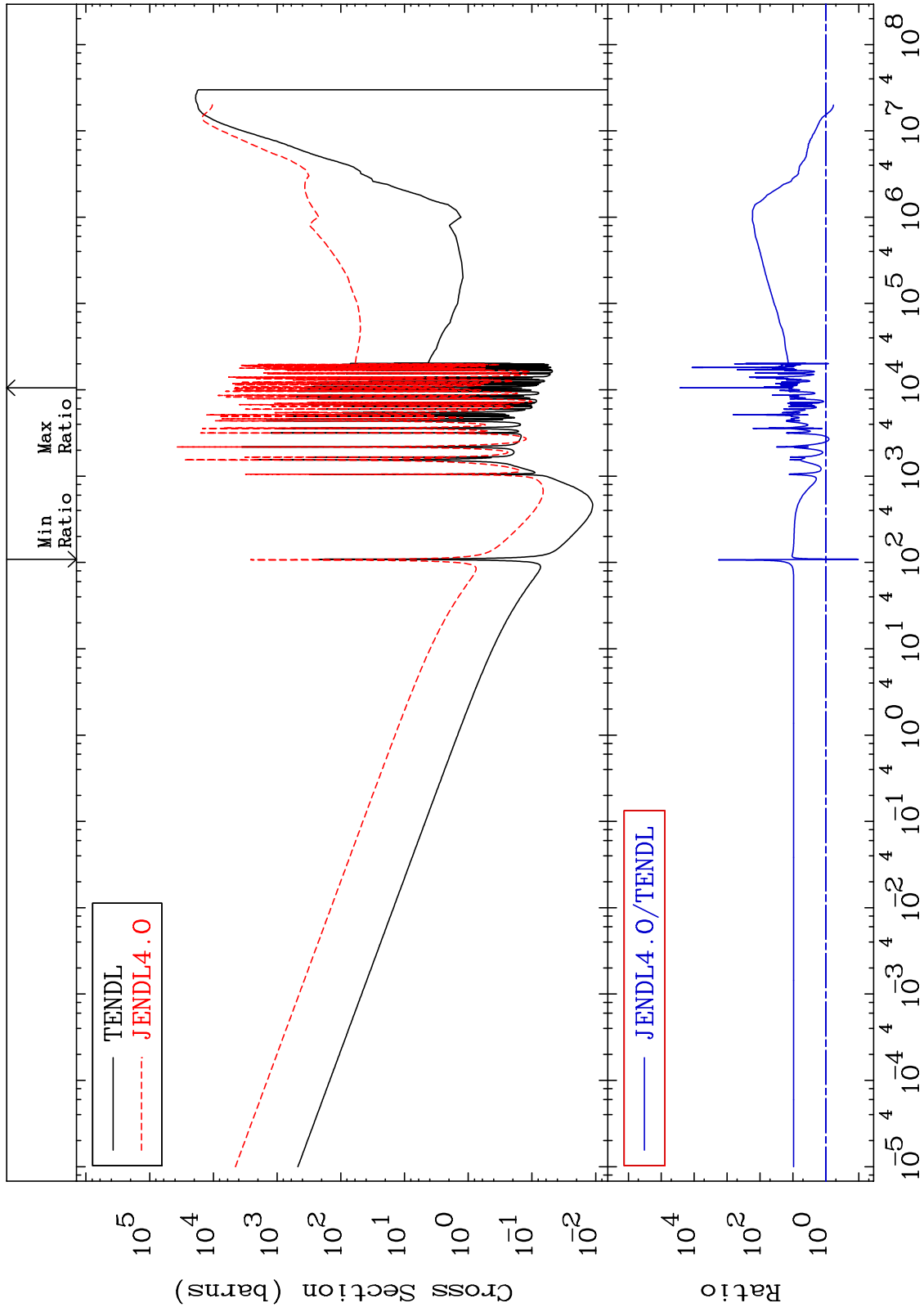
51

42-Mo-94

MAT 4231

Dpa disappearance (mt102 -120)
Cross Section

42-Mo-94
-89.66 To 9999. %



52

Incident Energy (eV)

42-Mo-94