

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

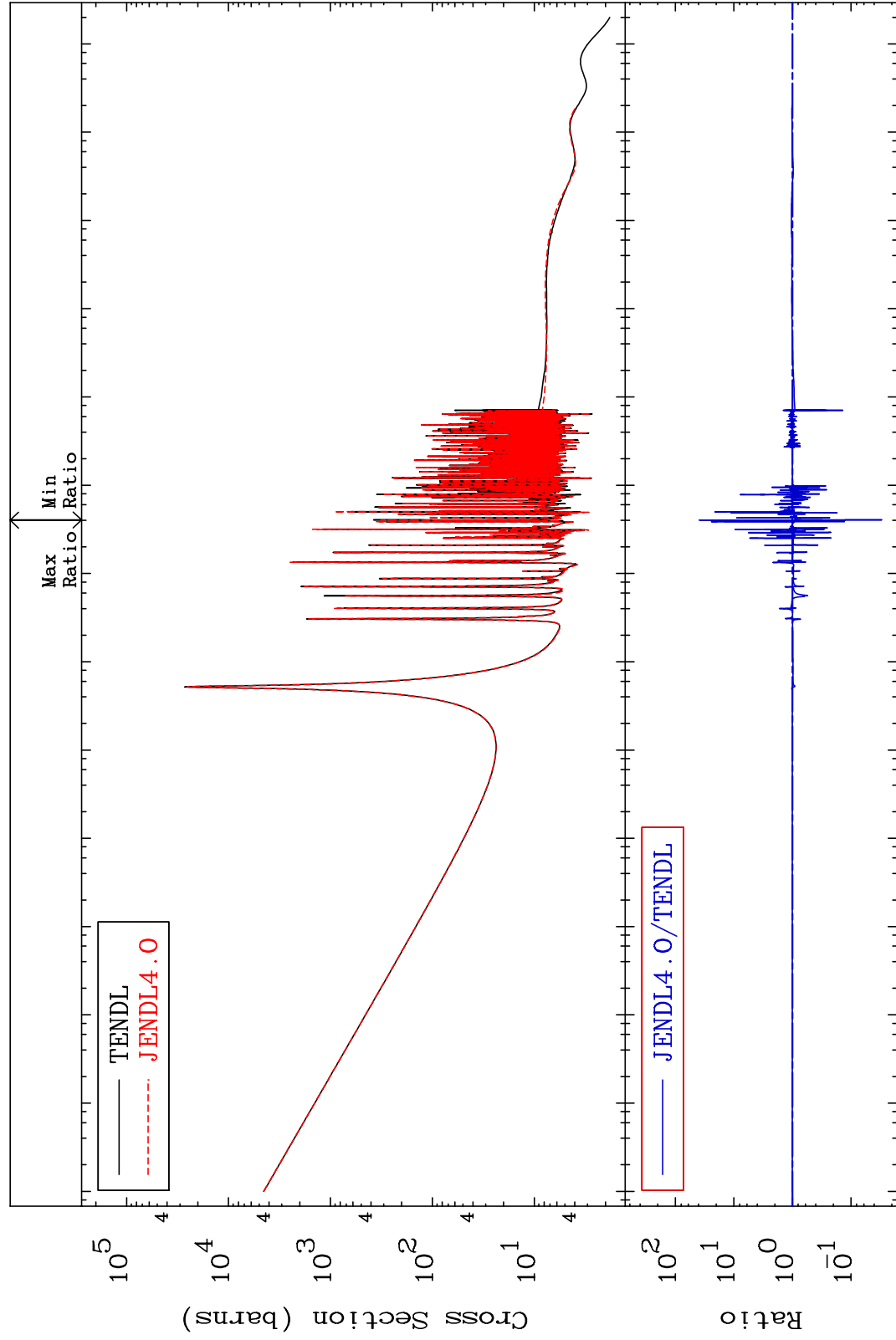
MAT 4731

Total

47-Ag-109

Cross Section

-97.01 To 3836. %



Incident Energy (eV)

47-Ag-109

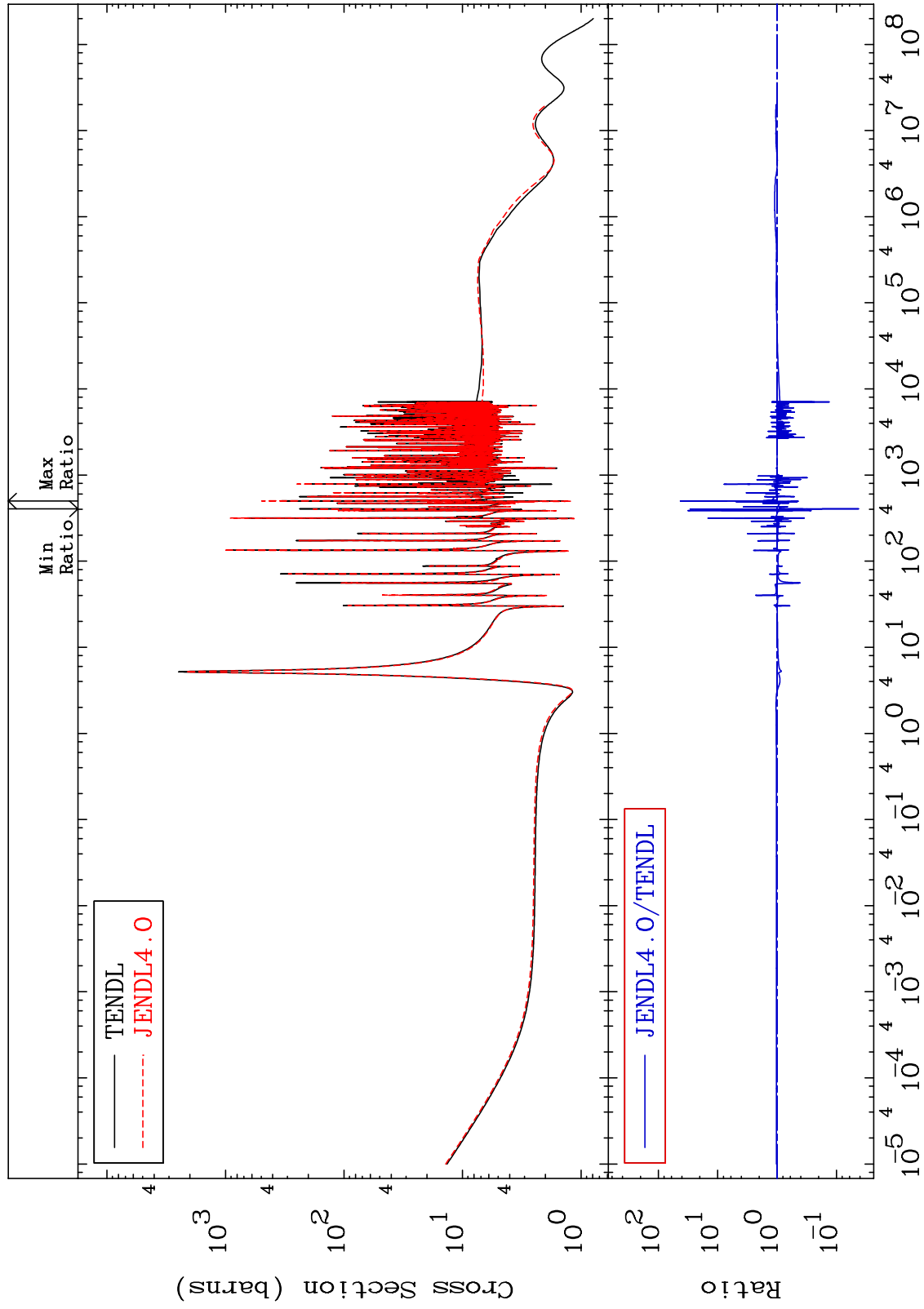
MAT 4731

Elastic

Cross Section

47-Ag-109

-95.75 To 4138. %



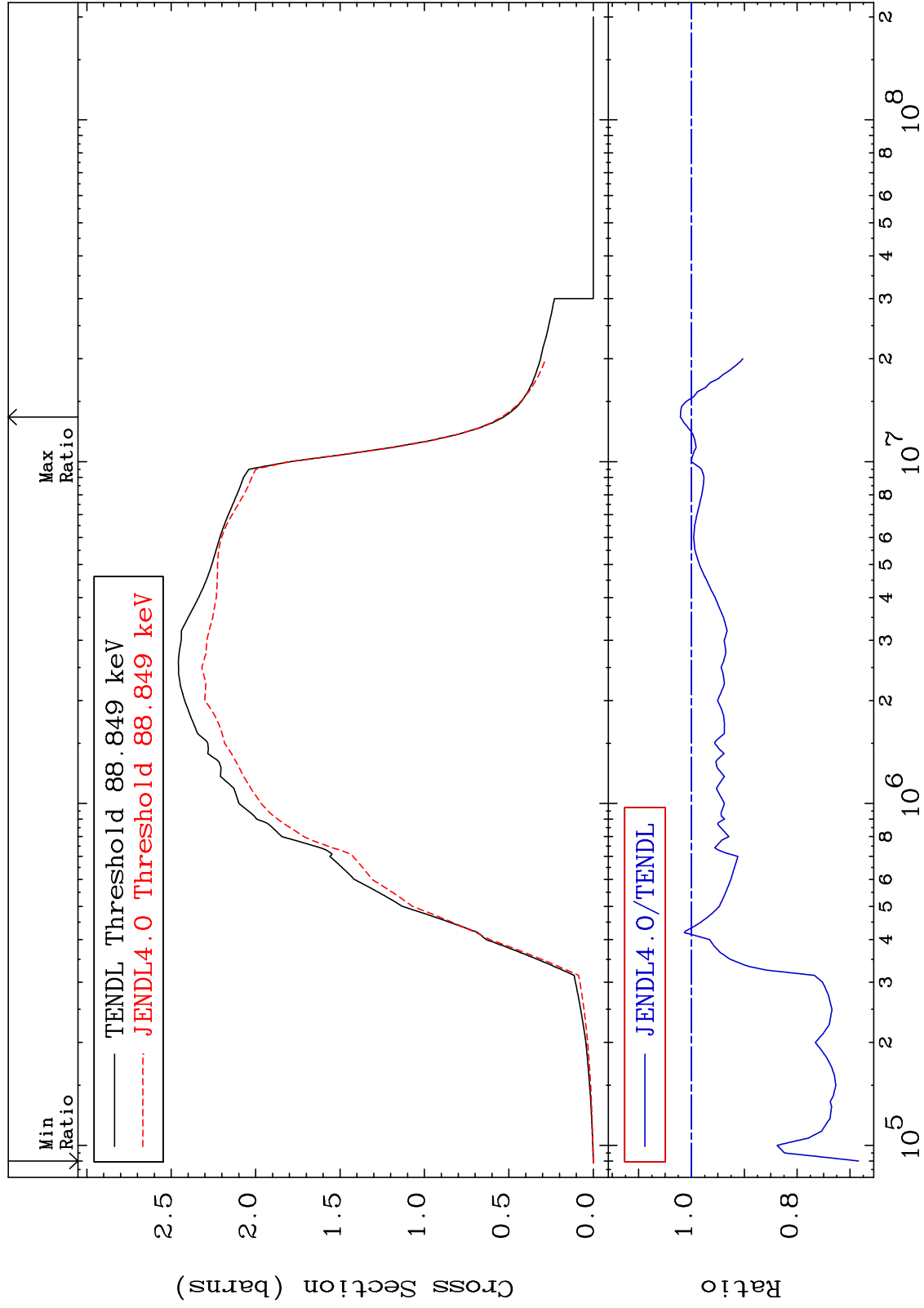
— TENDL
- - - JENDL4.0

— JENDL4.0/TENDL

MAT 4731

Inelastic
Cross Section

47-Ag-109
-31.62 To 2.086 %



3 47-Ag-109

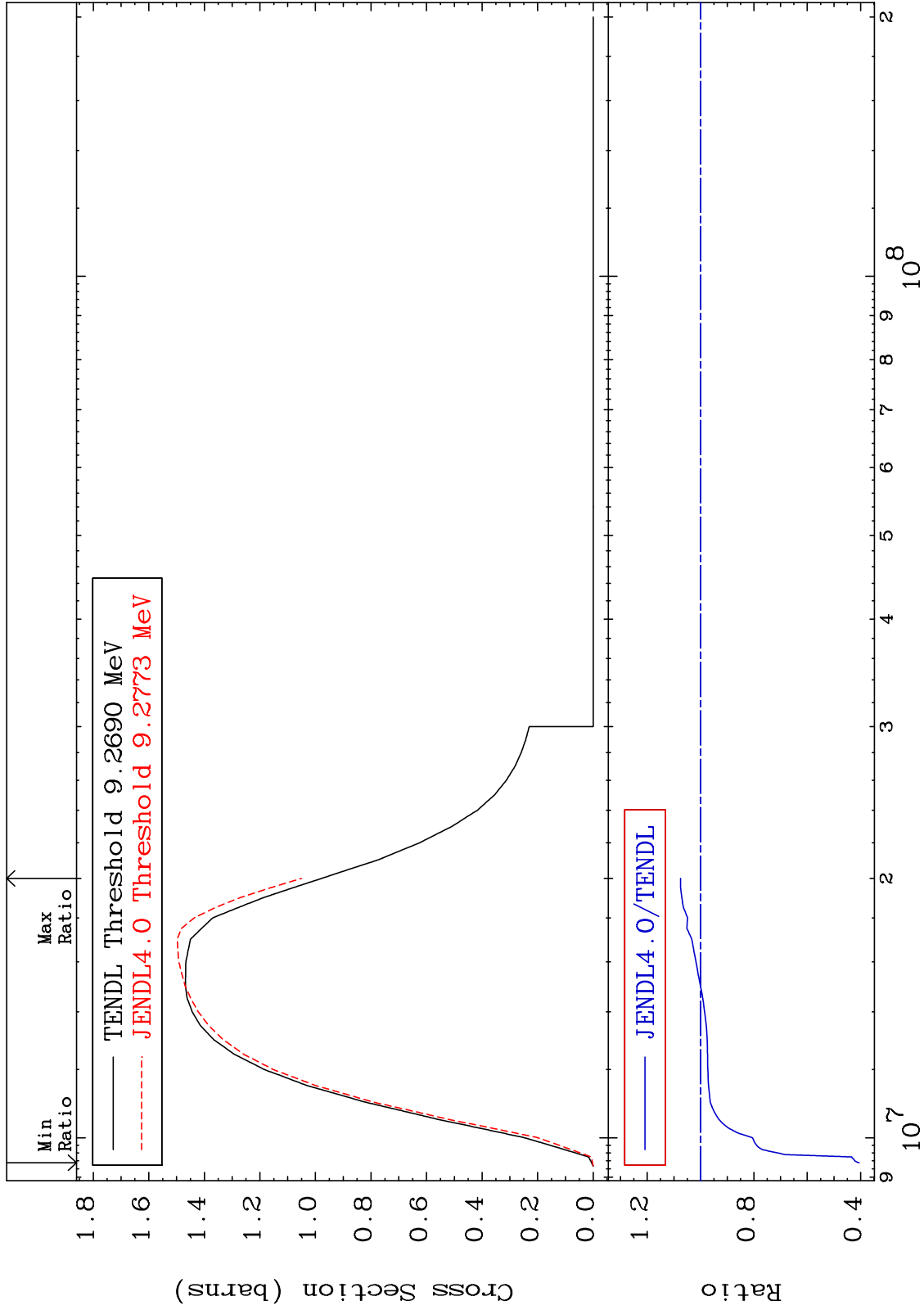
MAT 4731

(n,2n)

47-Ag-109

Cross Section

-59.45 To 7.480 %



47-Ag-109

Incident Energy (eV)

4

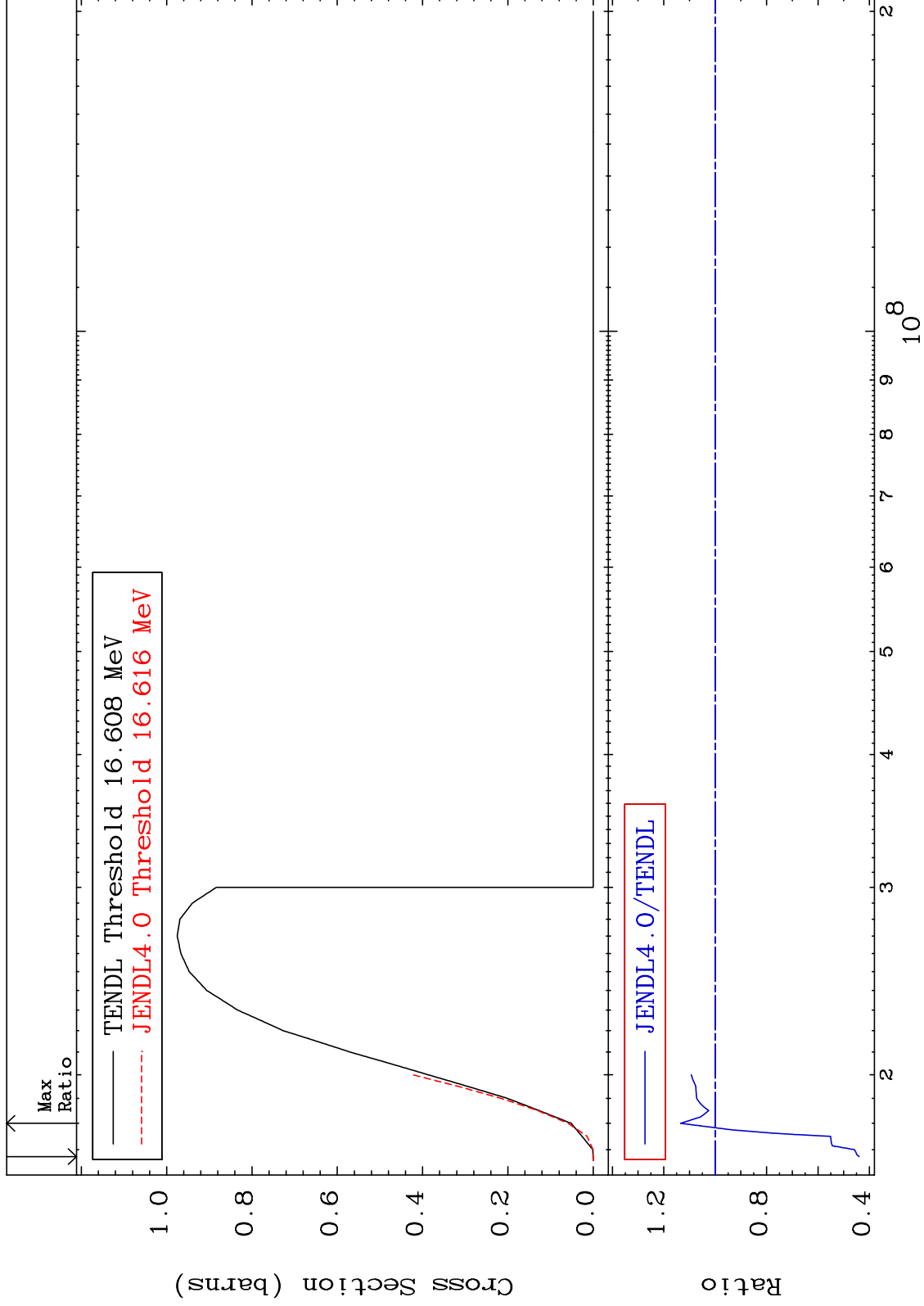
MAT 4731

(n, 3n)

47-Ag-109

Cross Section

-56.02 To 13.45 %



5

Incident Energy (eV)

47-Ag-109

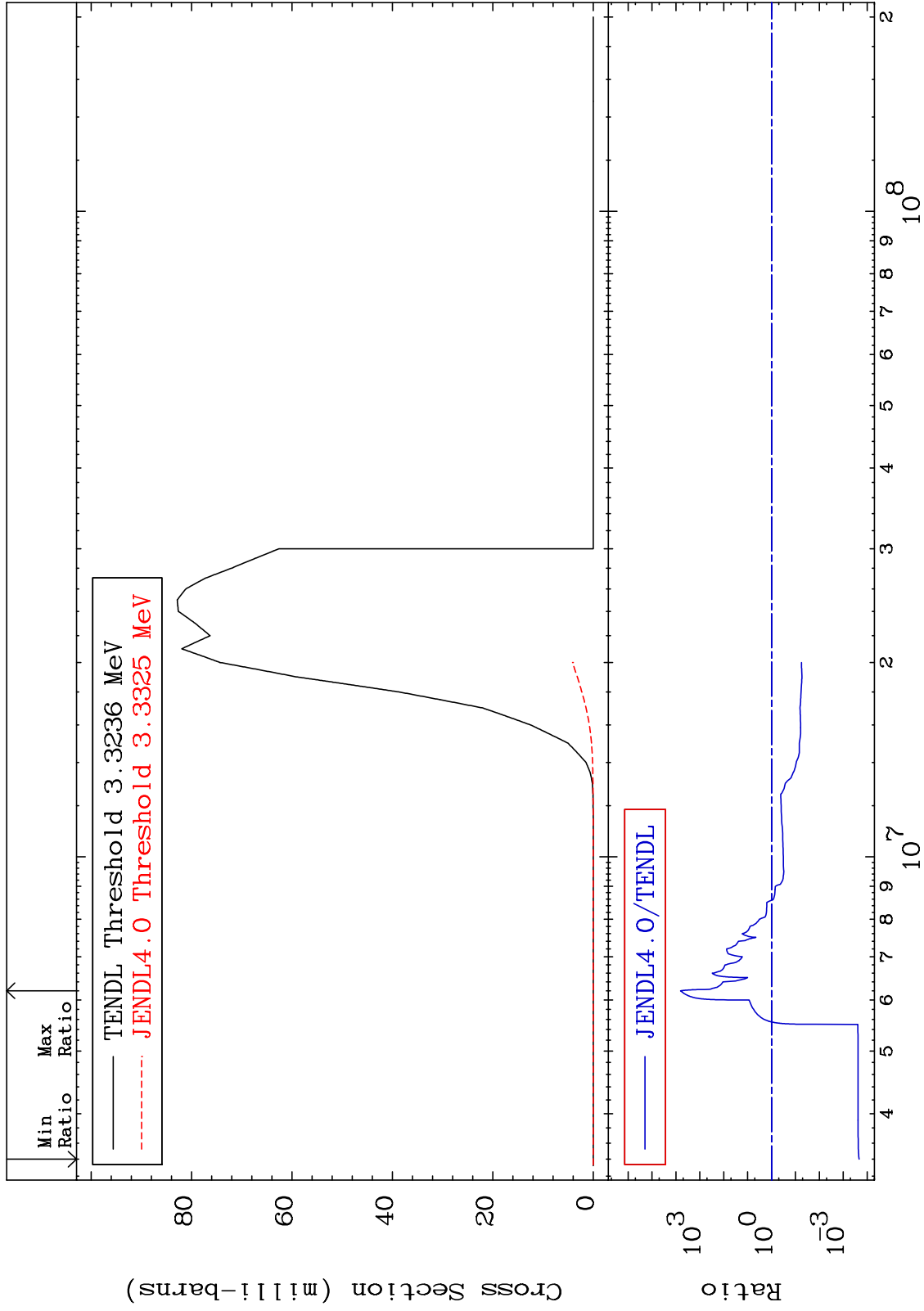
MAT 4731

(n,n') α

47-Ag-109

Cross Section

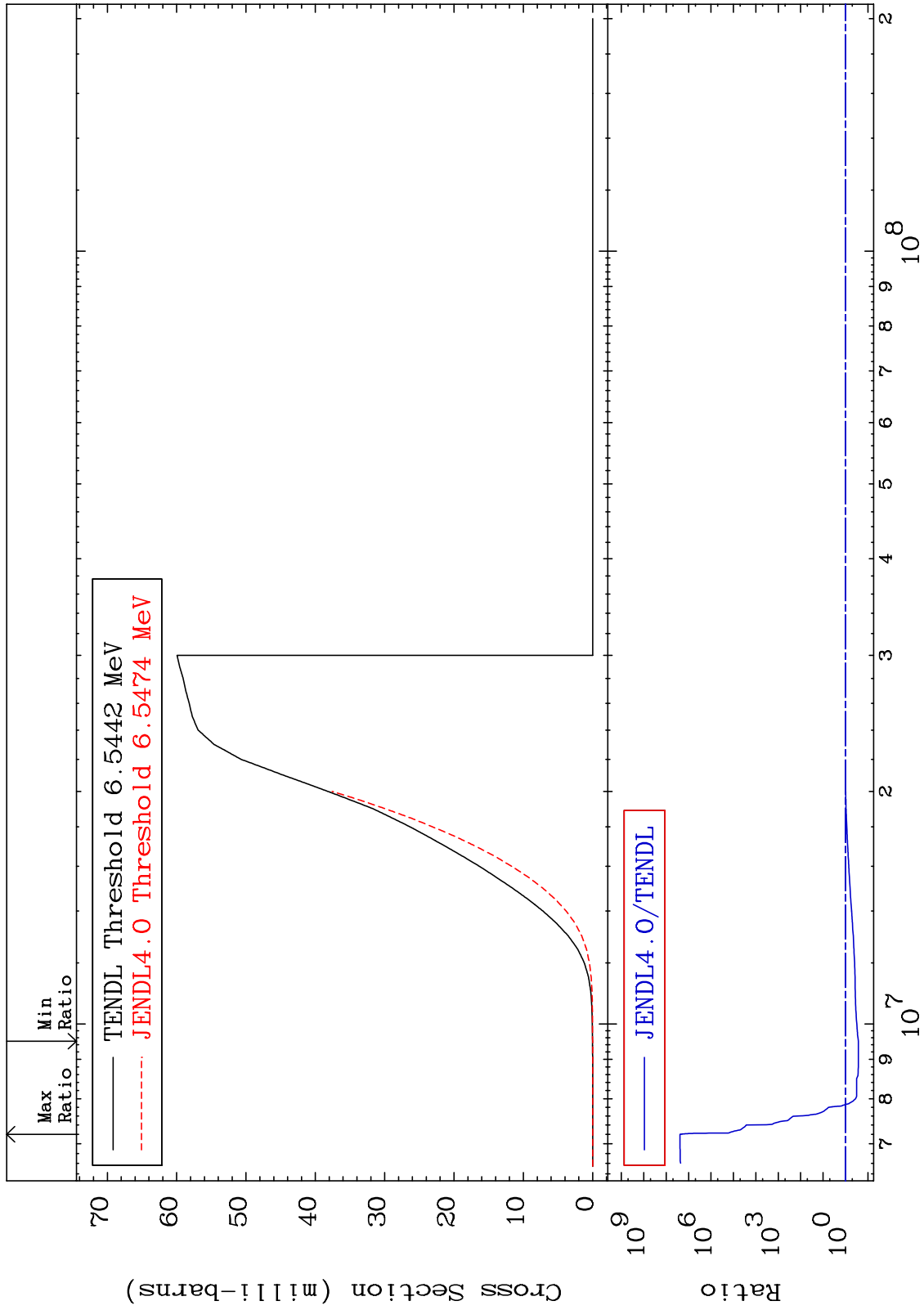
-99.98 To 9999. %



MAT 4731

(n,n') p
Cross Section

47-Ag-109
-73.53 To 9999. %



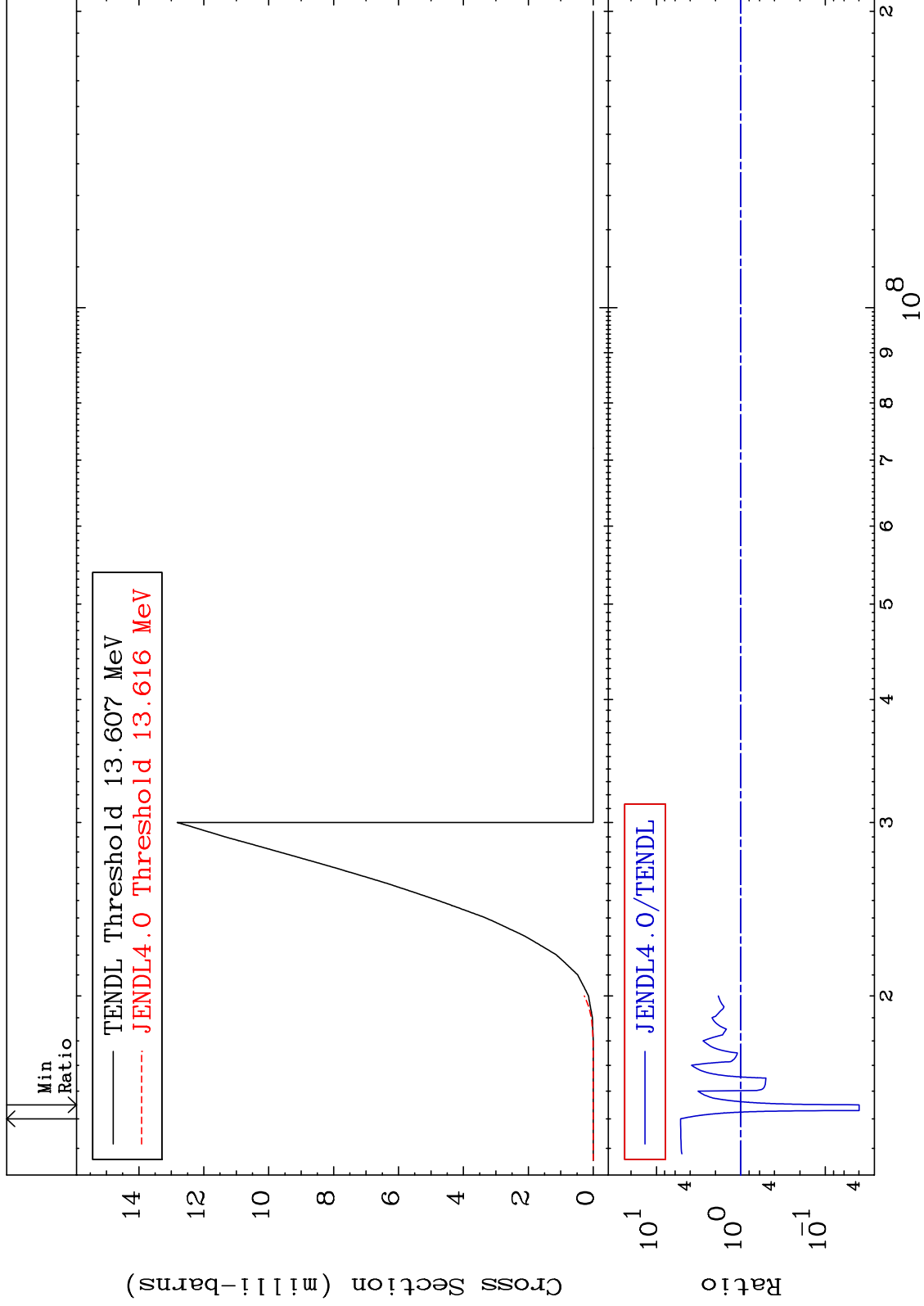
MAT 4731

(n,n') d

47-Ag-109

Cross Section

-96.02 To 417.4 %



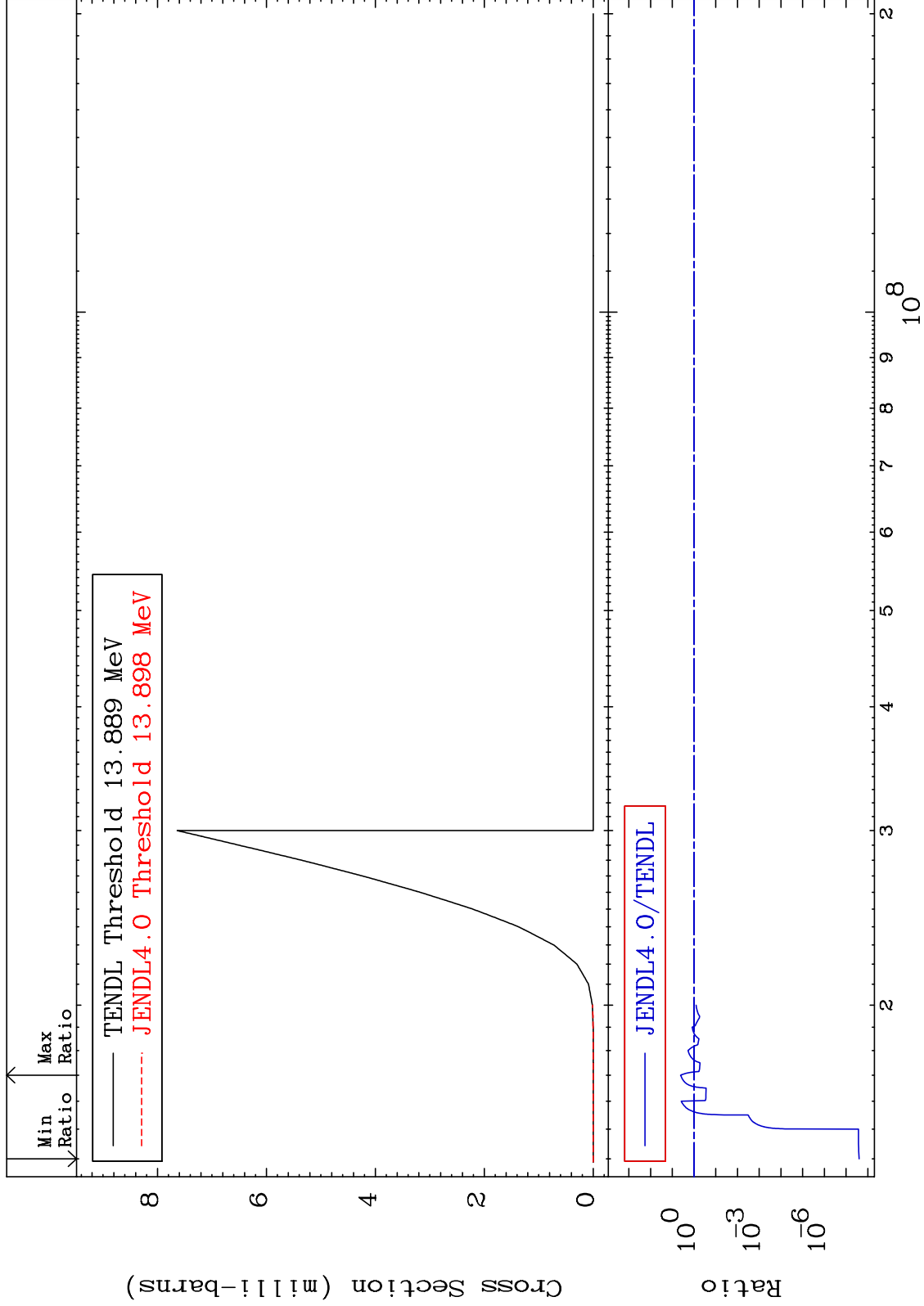
MAT 4731

(n, n') t

47-Ag-109

Cross Section

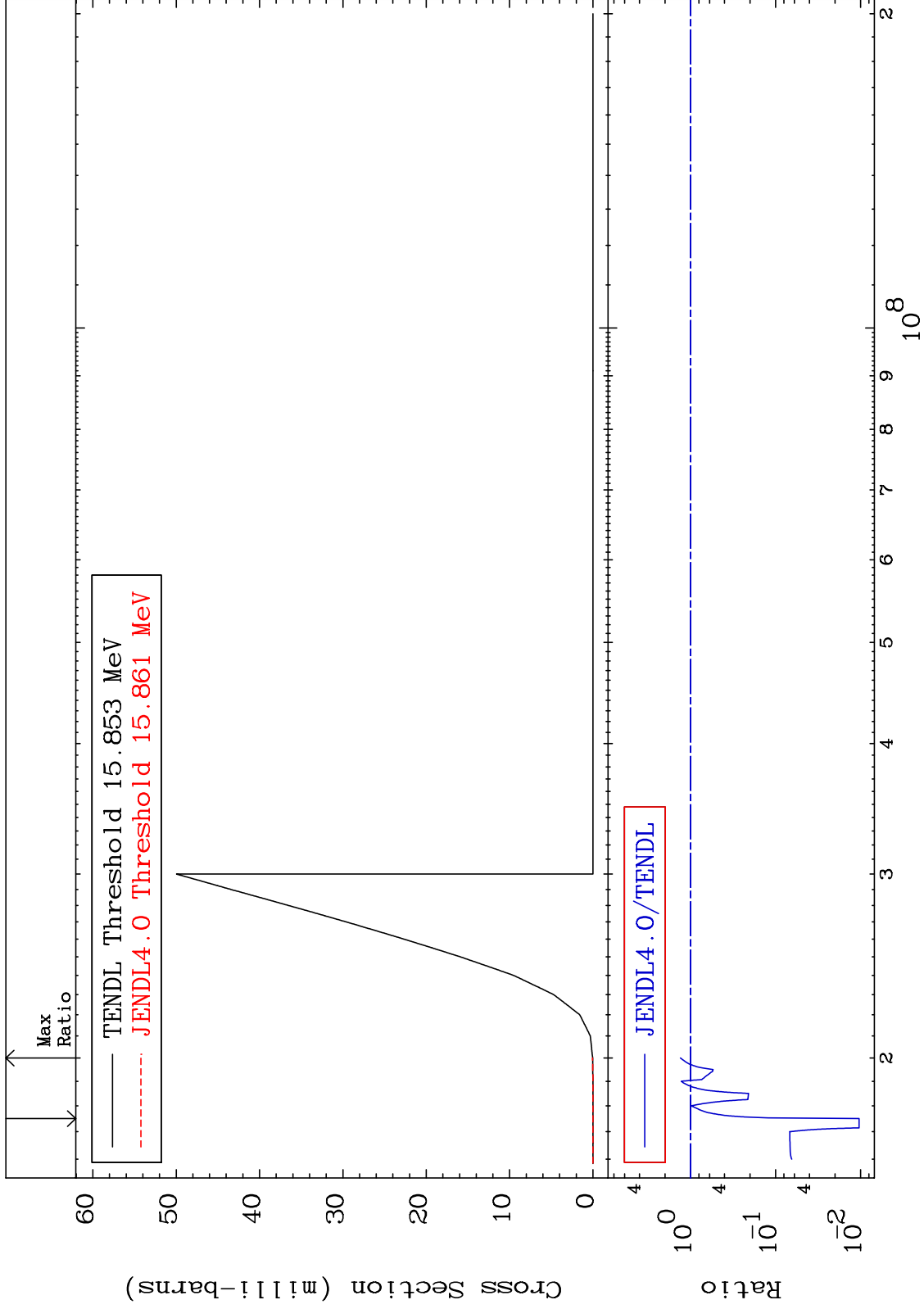
-100.0 To 315.4 %



MAT 4731

(n,2n) p
Cross Section

47-Ag-109
-98.96 To 32.12 %



10

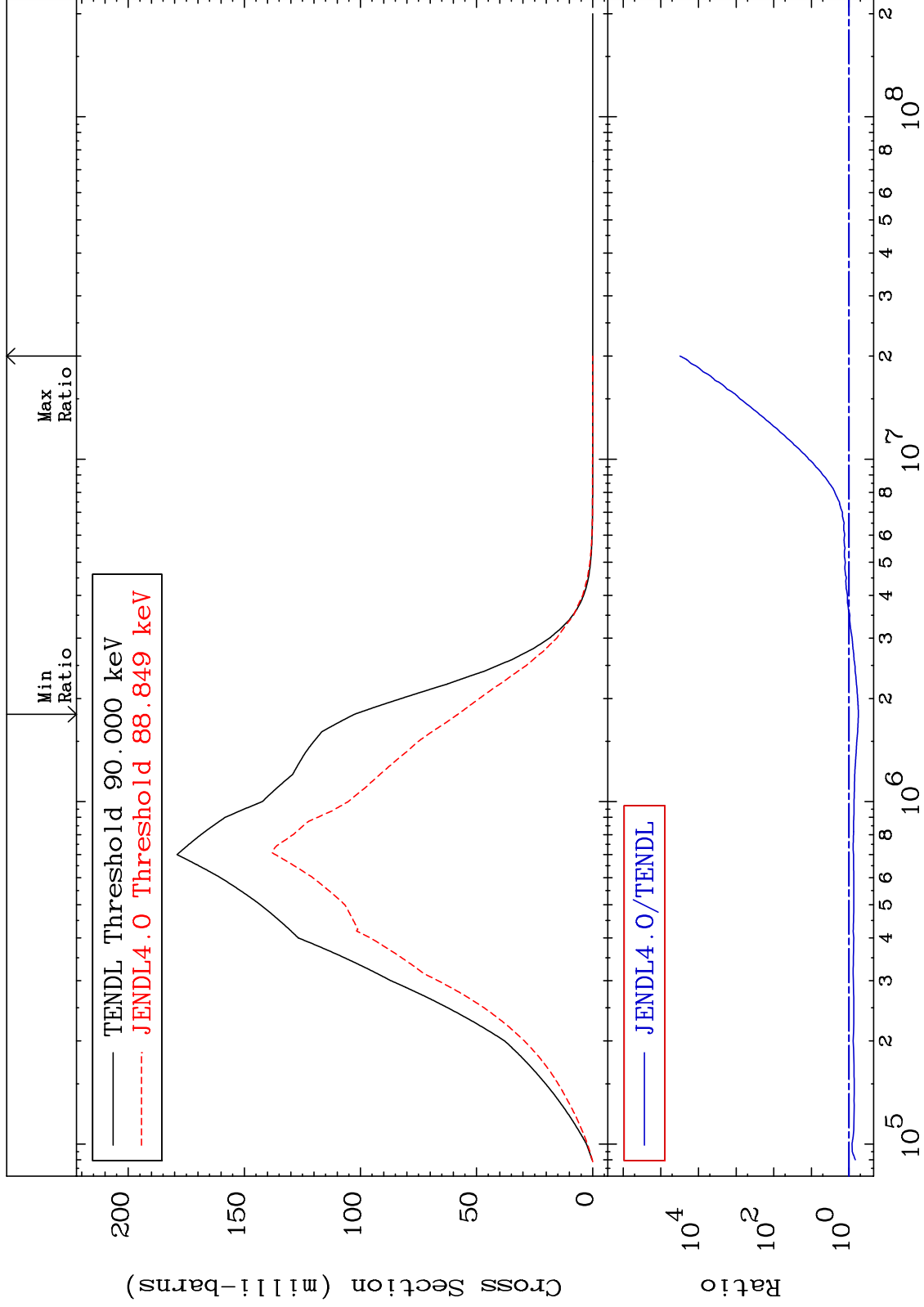
Incident Energy (eV)

47-Ag-109

MAT 4731

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

47-Ag-109
-43.46 To 9999. %



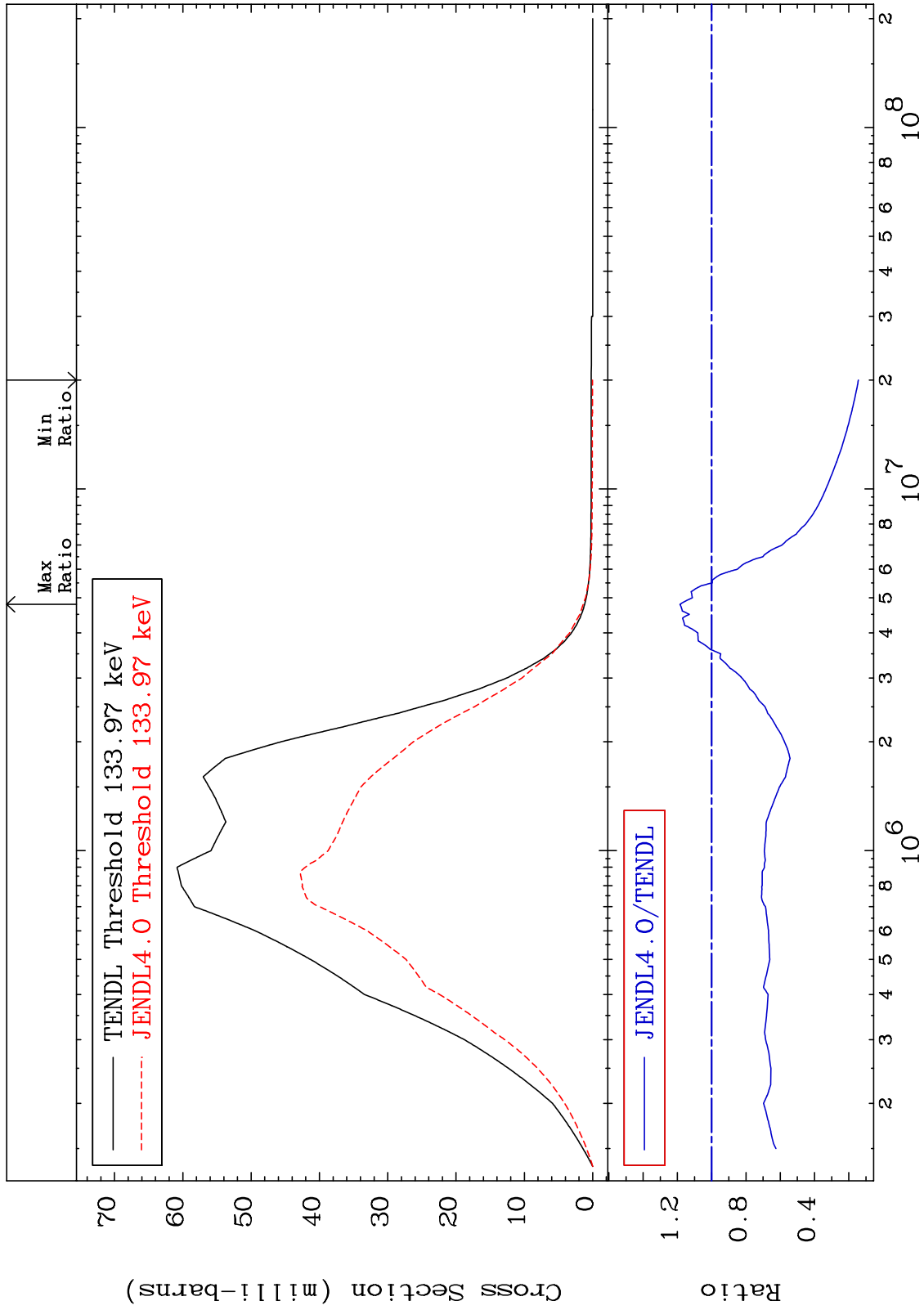
11

47-Ag-109

MAT 4731

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

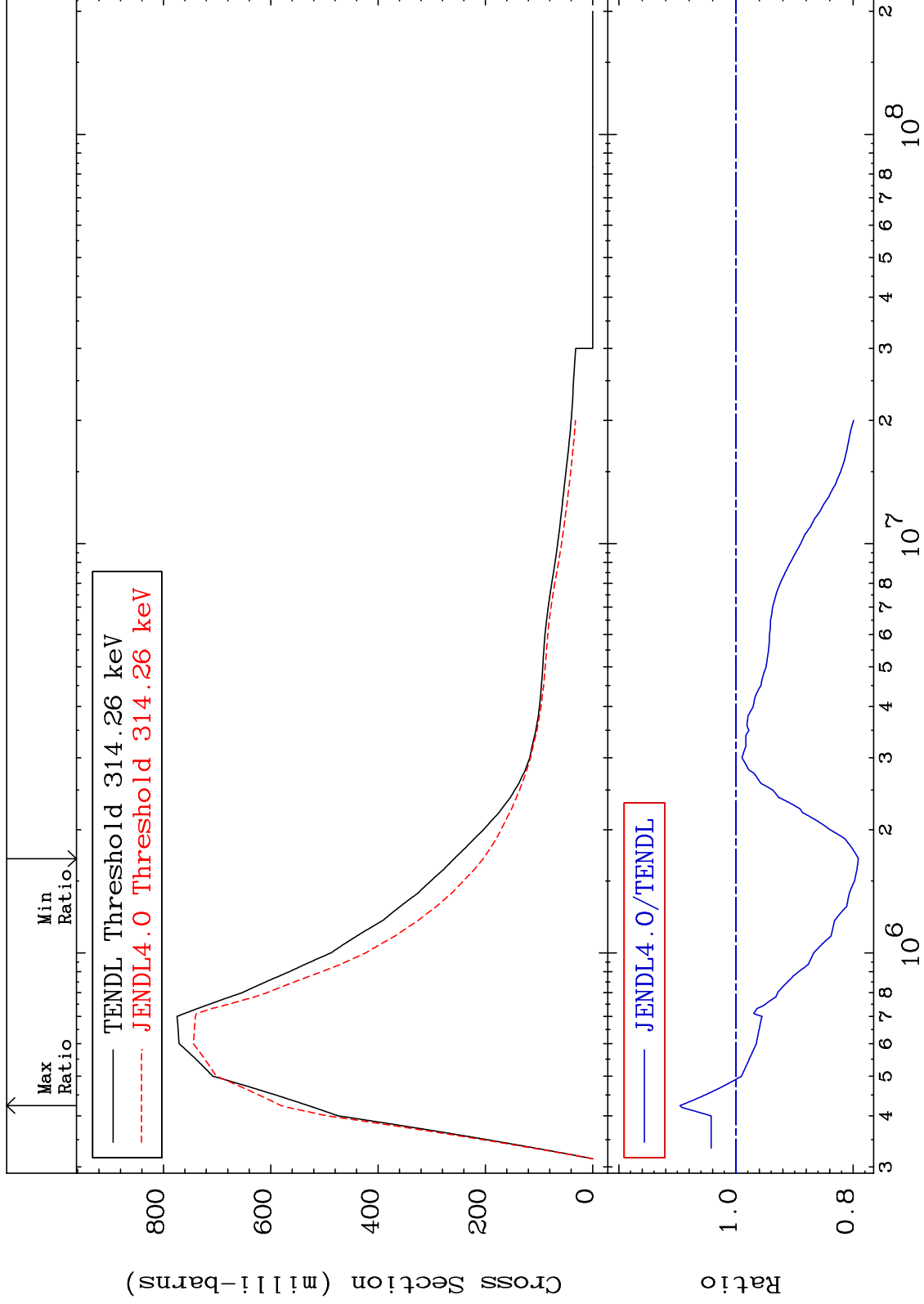
47-Ag-109
-85.60 To 18.47 %



MAT 4731

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

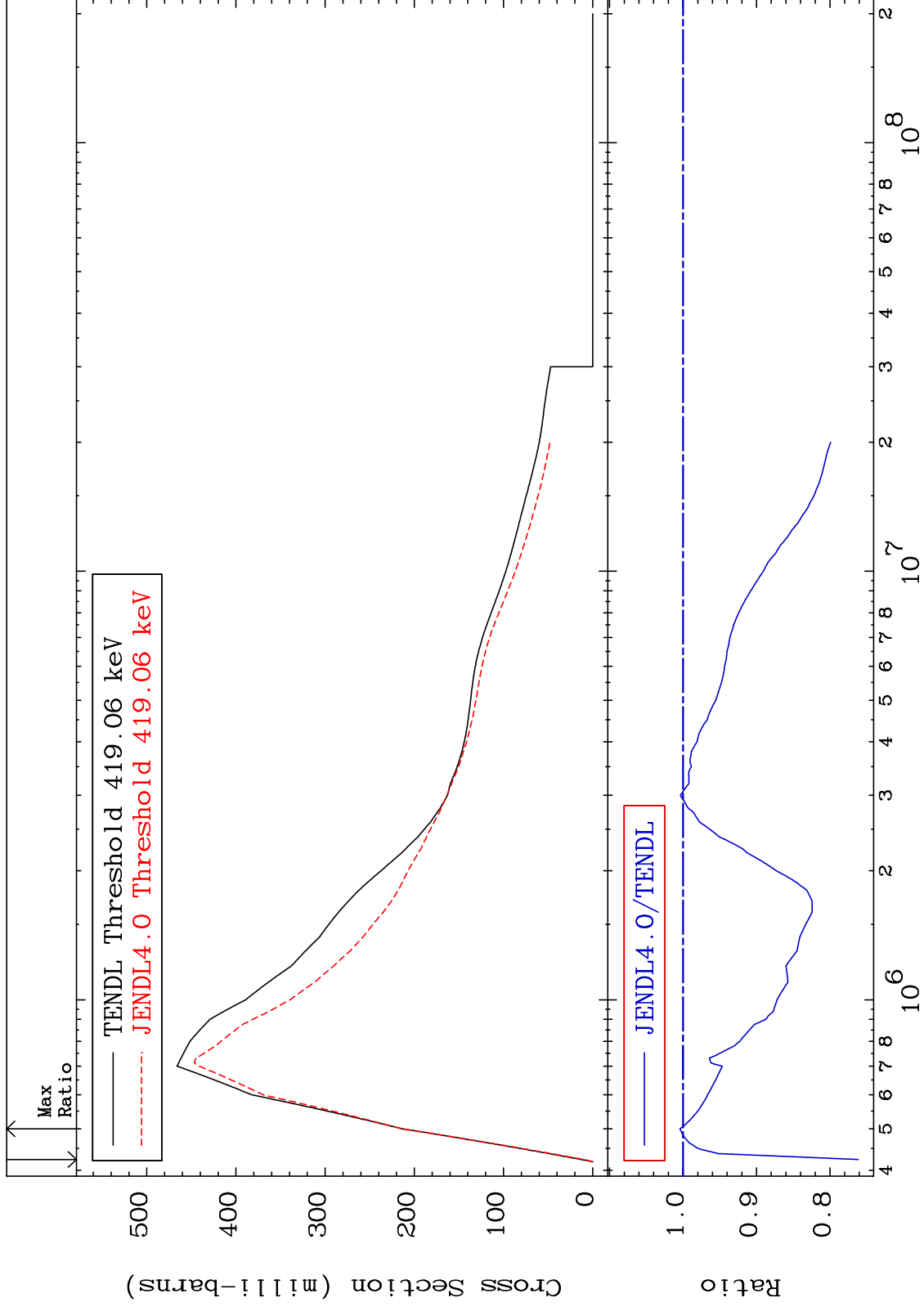
47-Ag-109
-20.89 To 9.555 %



MAT 4731

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

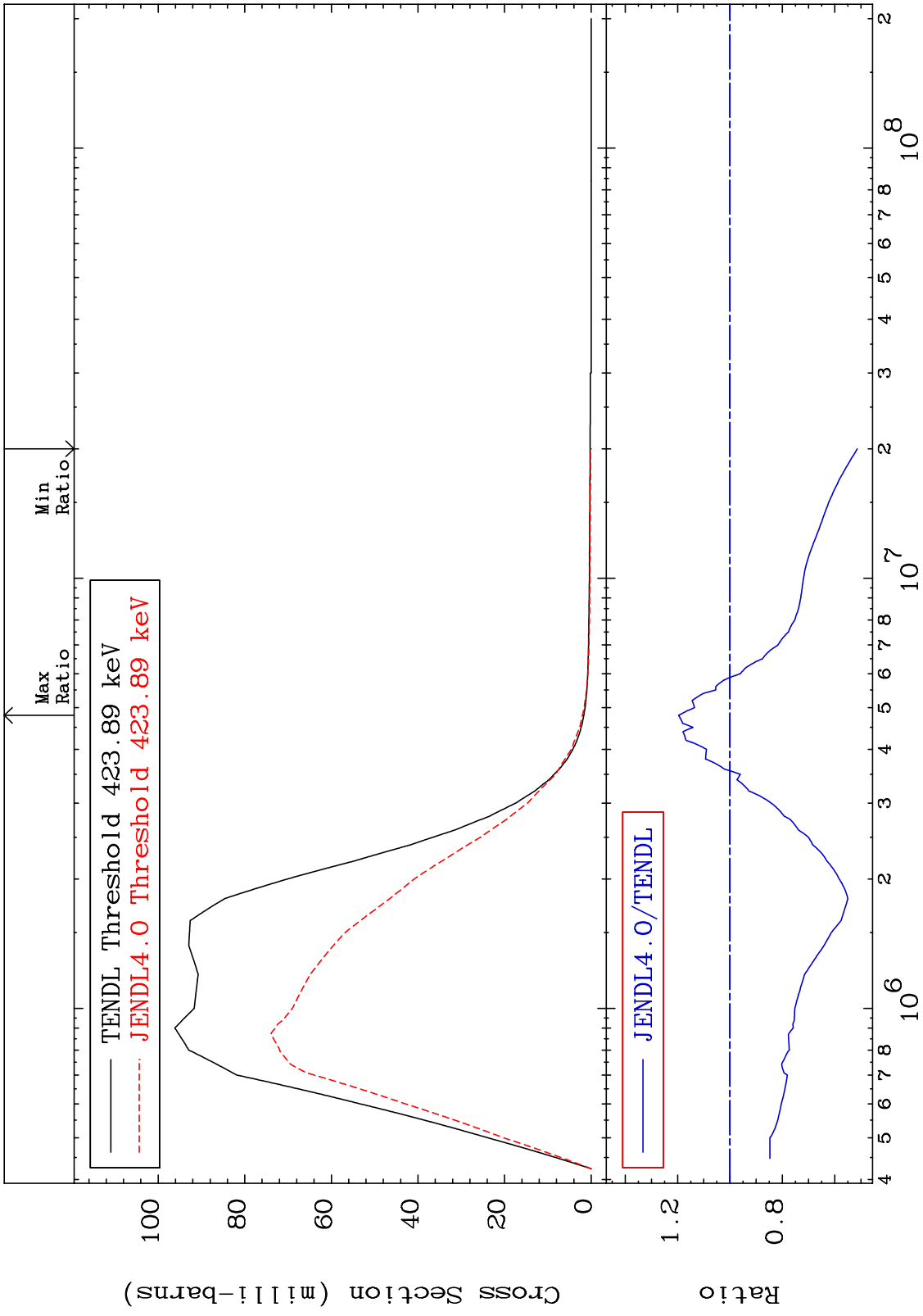
47-Ag-109
-23.88 To 0.412 %



MAT 4731

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

47-Ag-109
-48.63 To 19.61 %



15

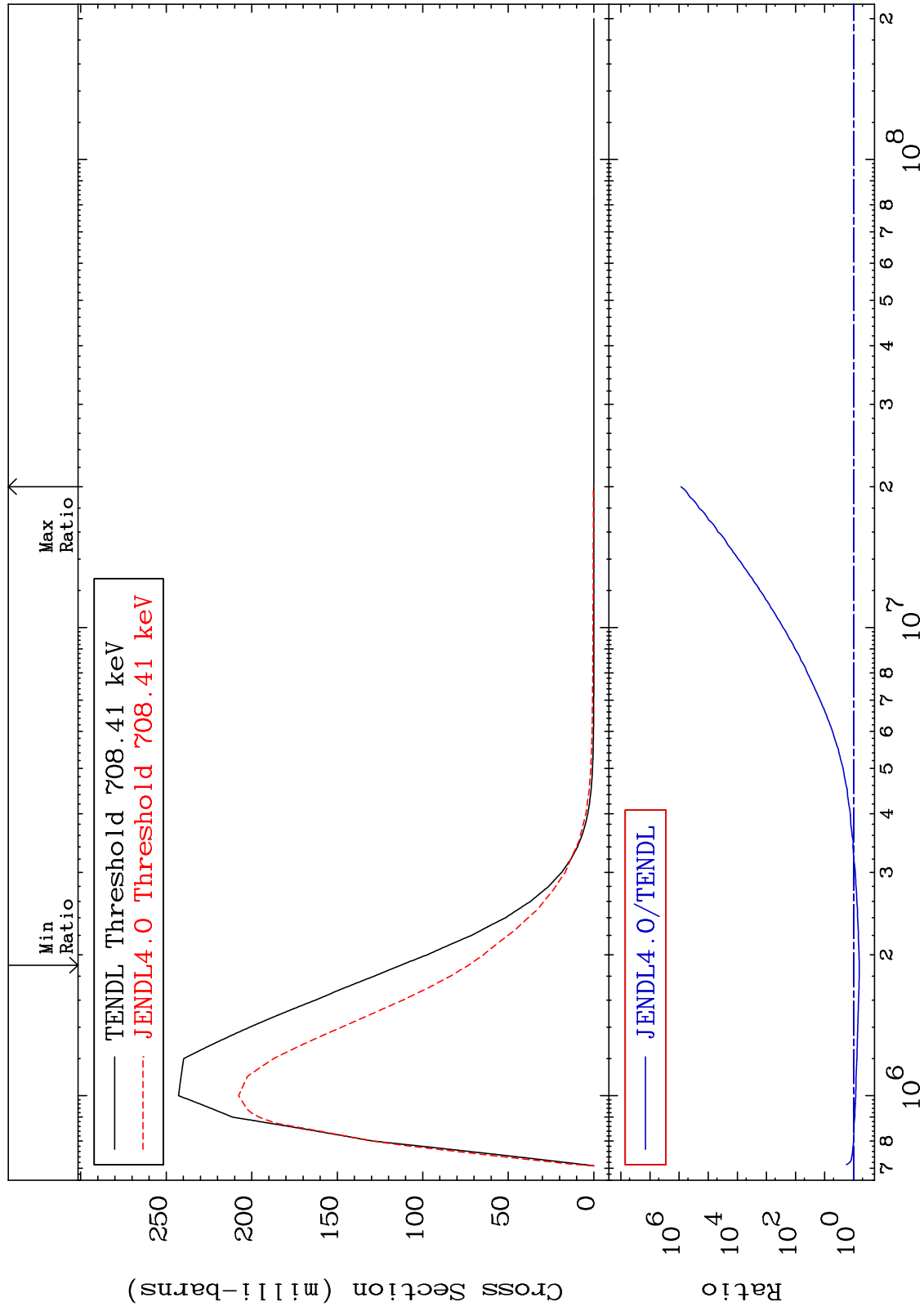
Incident Energy (eV)

47-Ag-109

MAT 4731

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

47-Ag-109
-35.13 To 9999. %



16

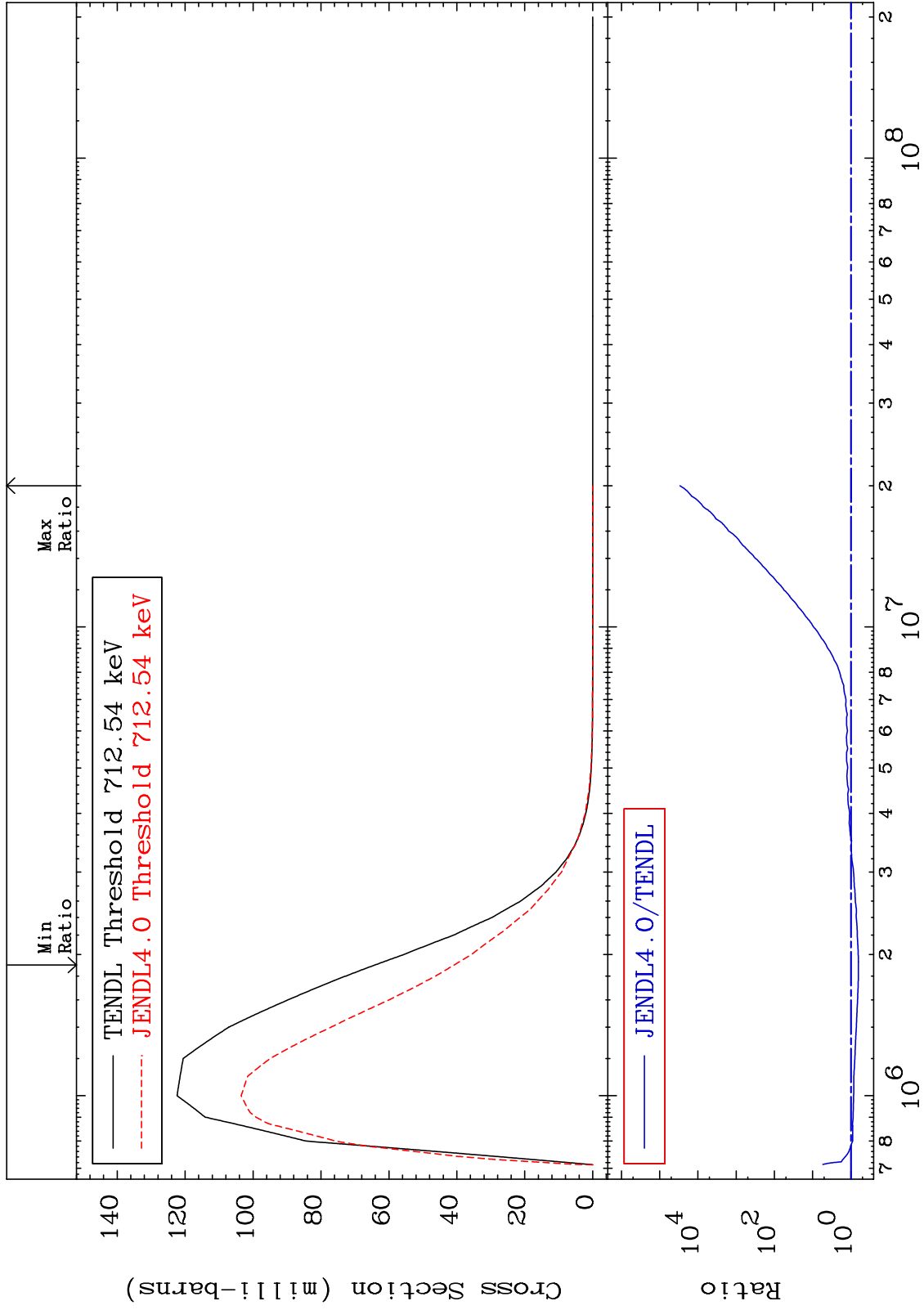
Incident Energy (eV)

47-Ag-109

MAT 4731

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

47-Ag-109
-36.43 To 9999. %



17

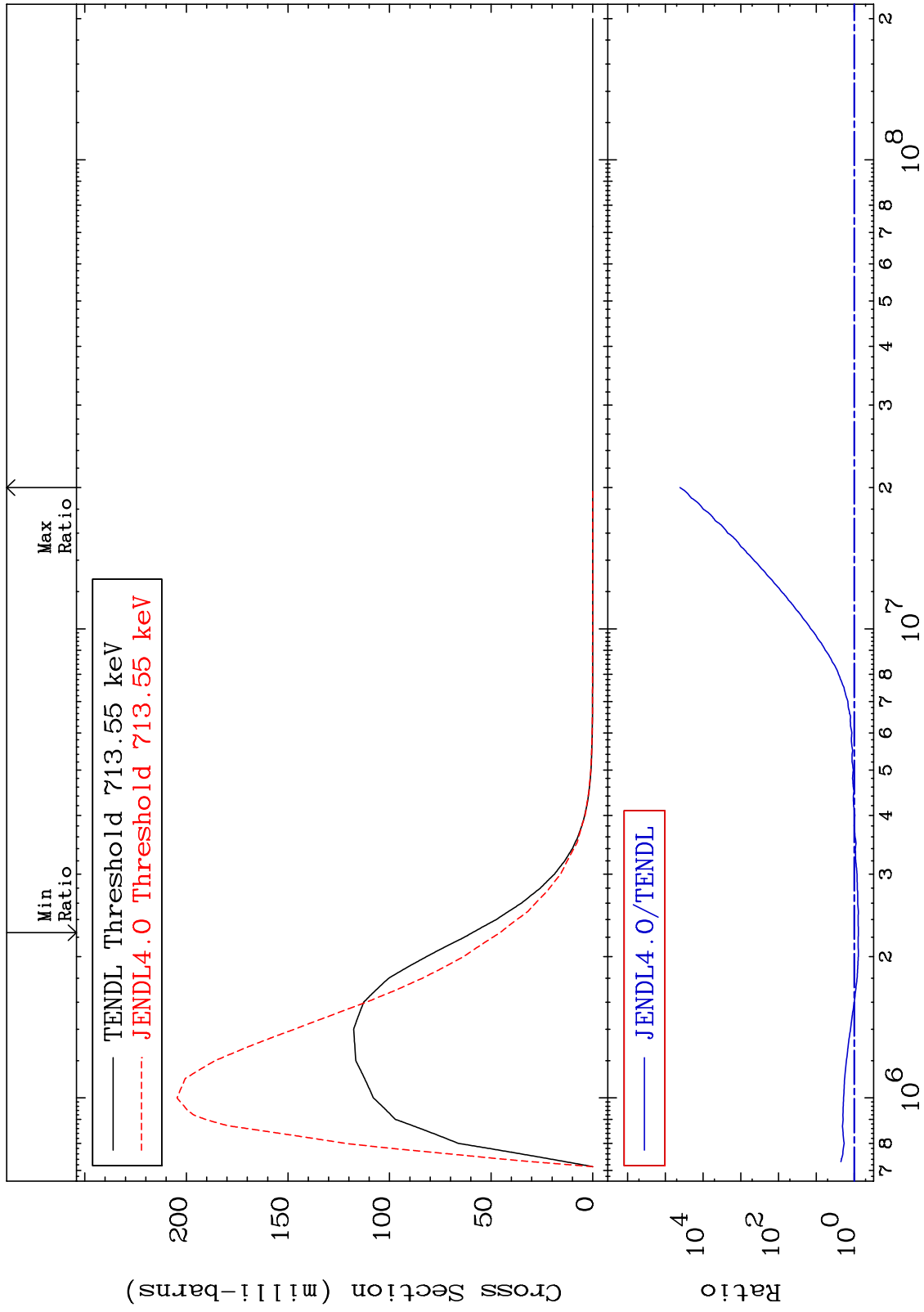
Incident Energy (eV)

47-Ag-109

MAT 4731

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

47-Ag-109
-23.03 To 9999. %



18

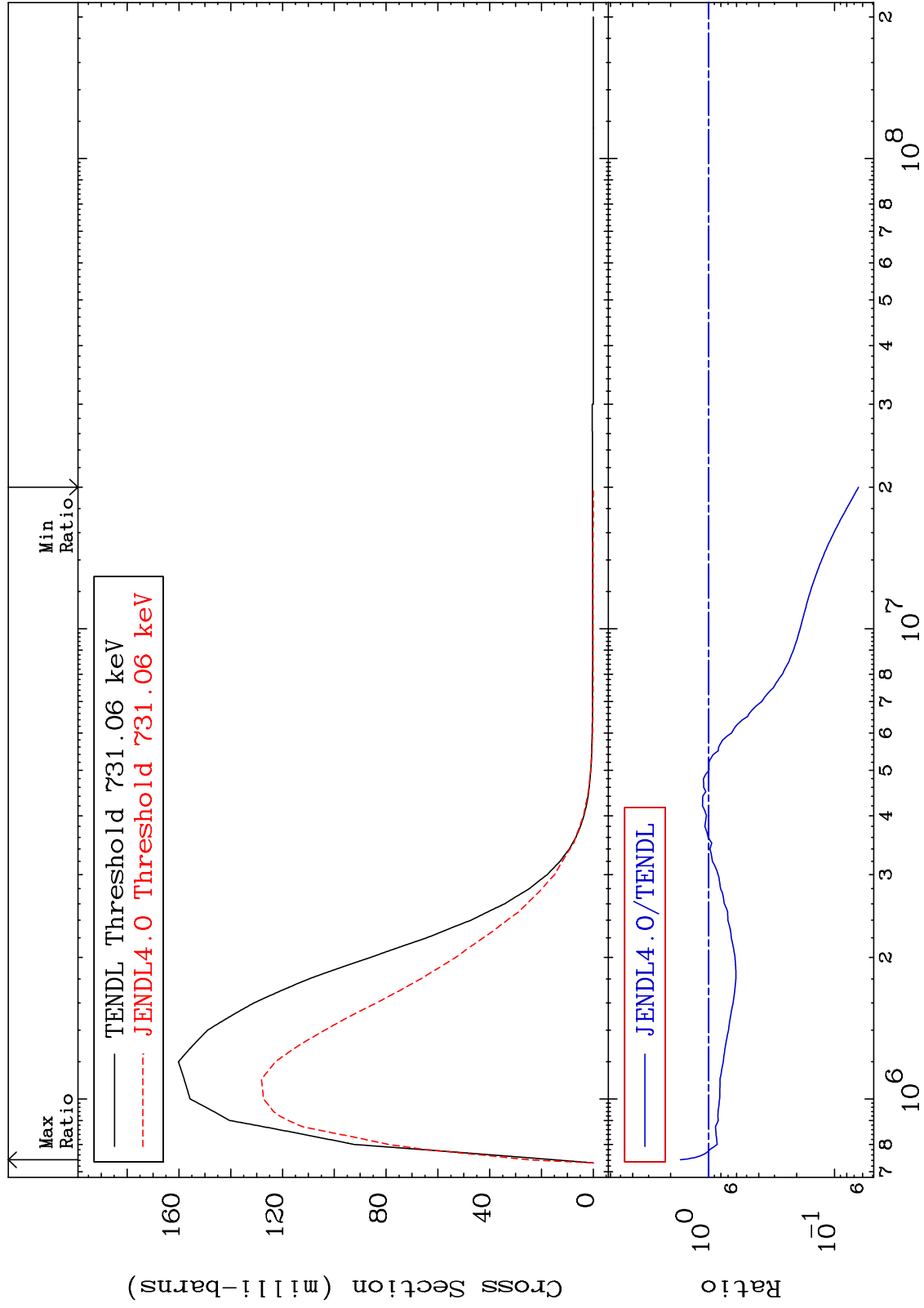
Incident Energy (eV)

47-Ag-109

MAT 4731

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

47-Ag-109
-93.54 To 67.33 %



19

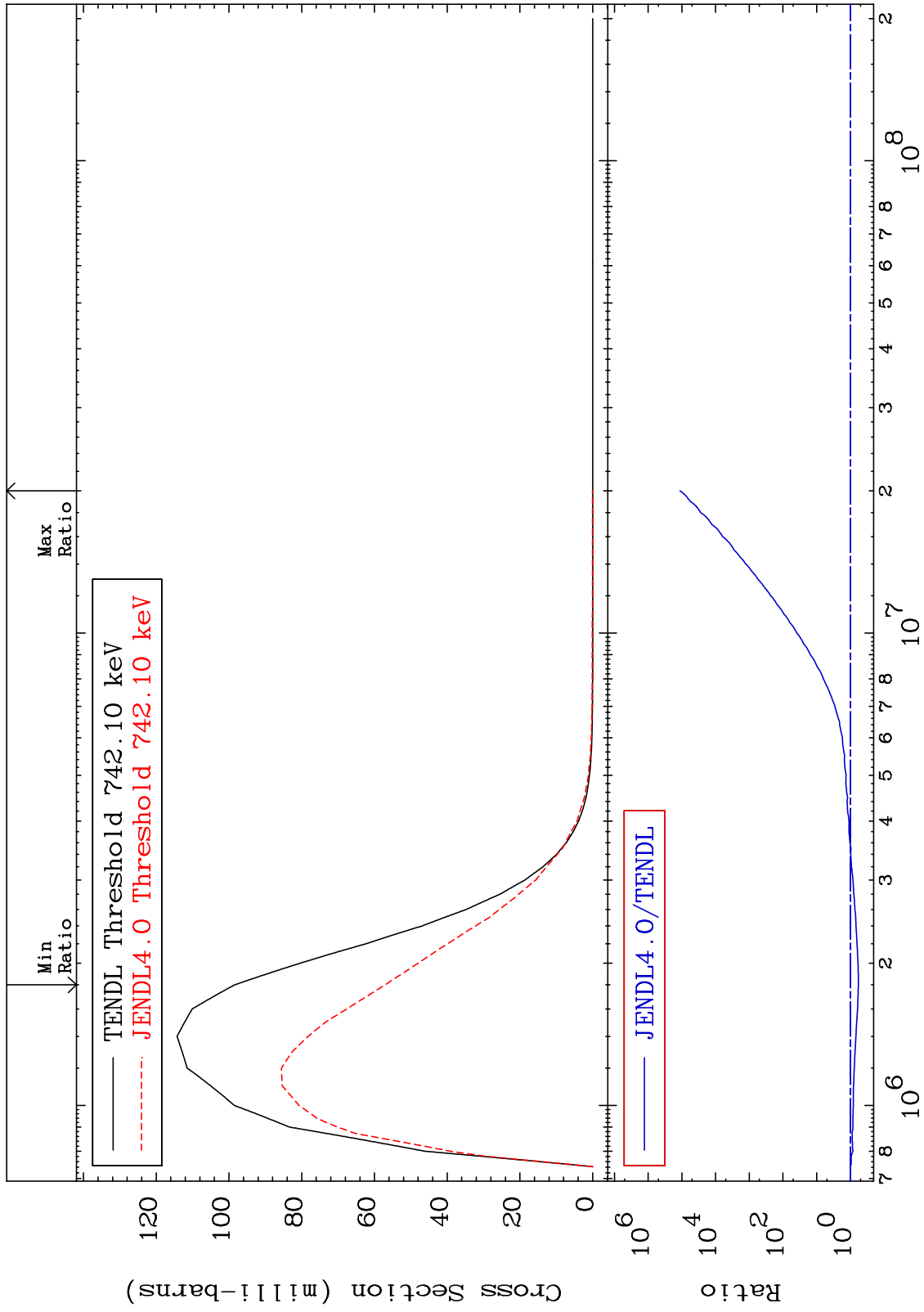
Incident Energy (eV)

47-Ag-109

MAT 4731

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

47-Ag-109
-42.03 To 9999. %



20

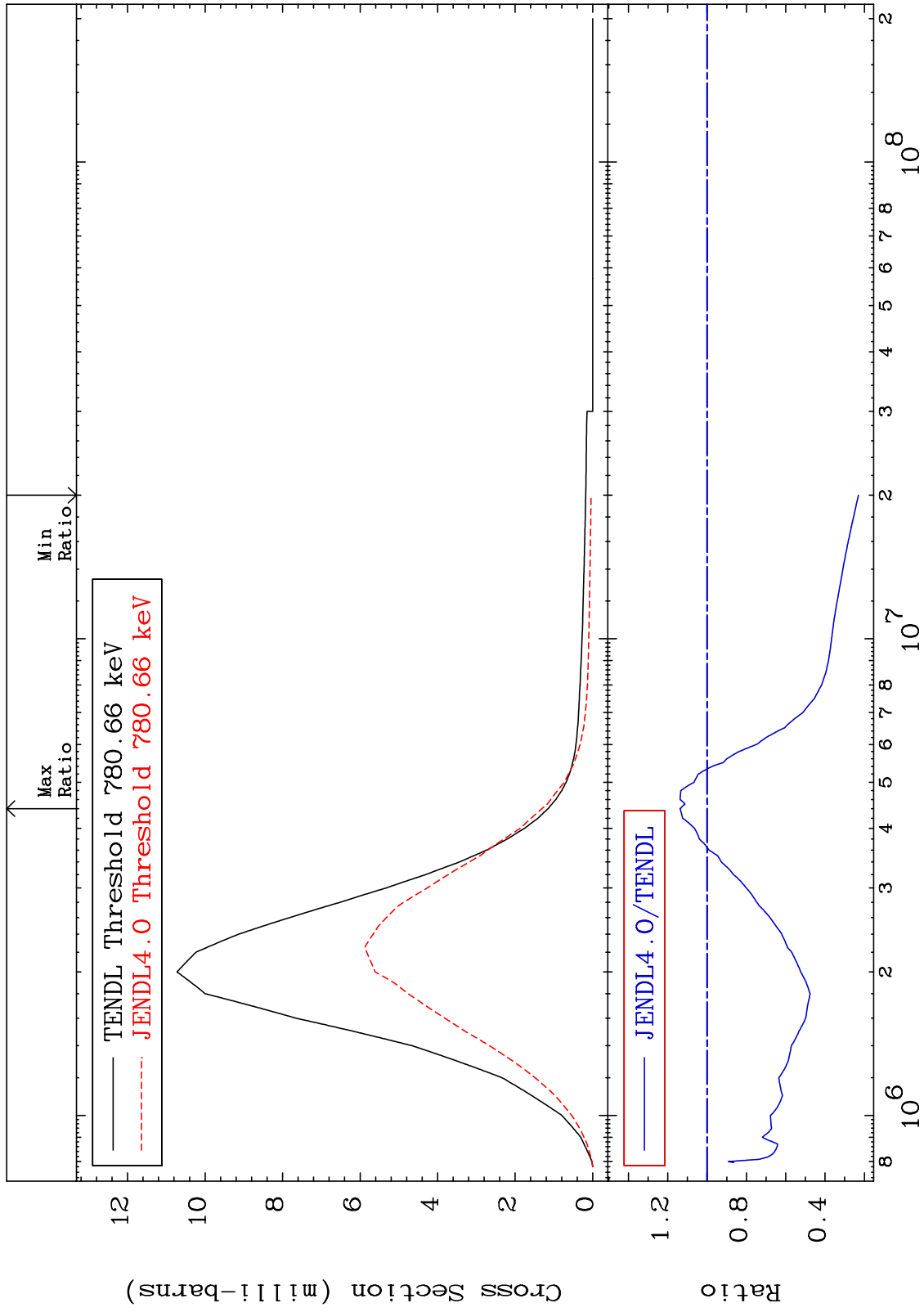
Incident Energy (eV)

47-Ag-109

MAT 4731

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

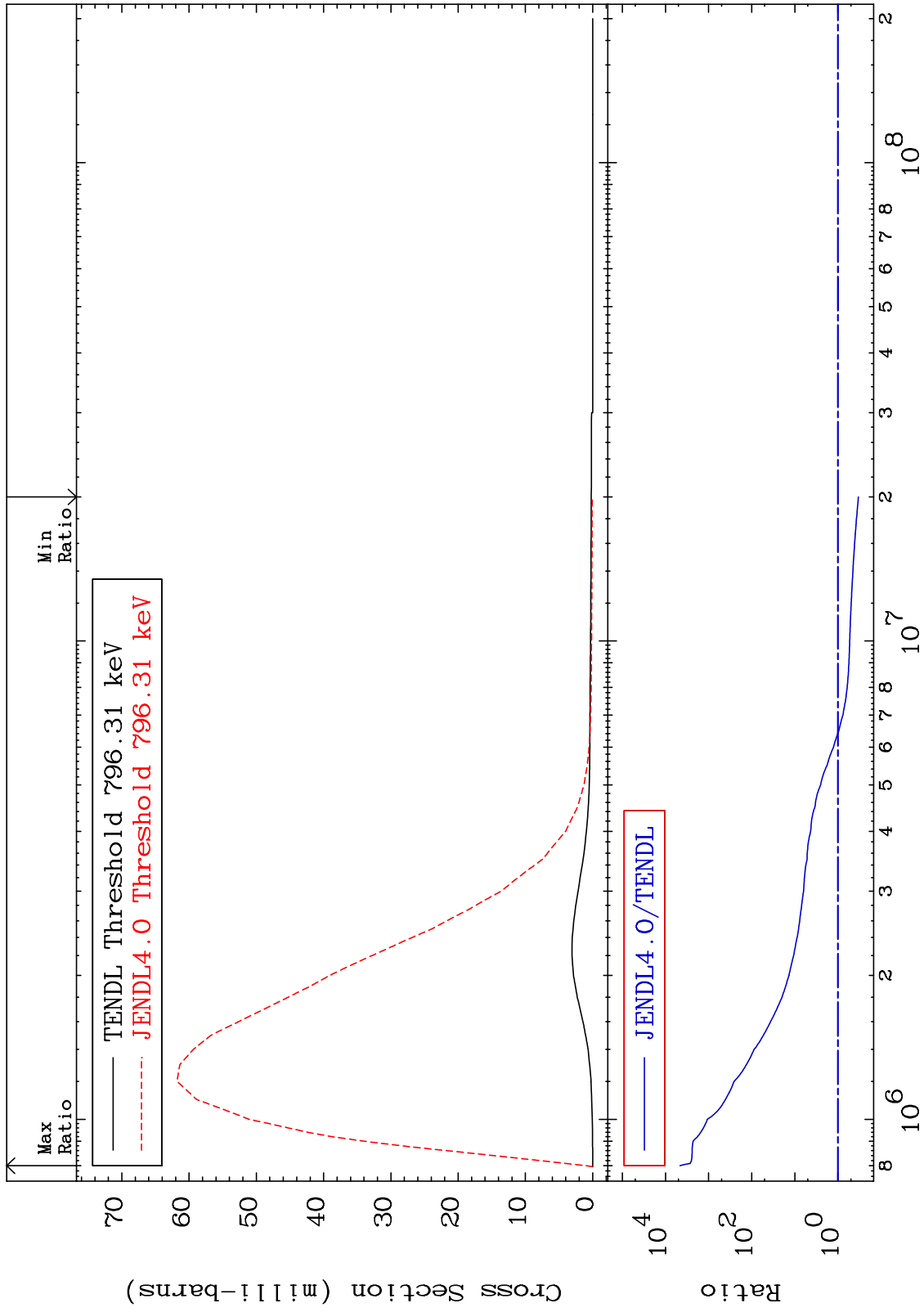
47-Ag-109
-76.97 To 13.77 %



MAT 4731

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

47-Ag-109
-66.54 To 9999. %



22

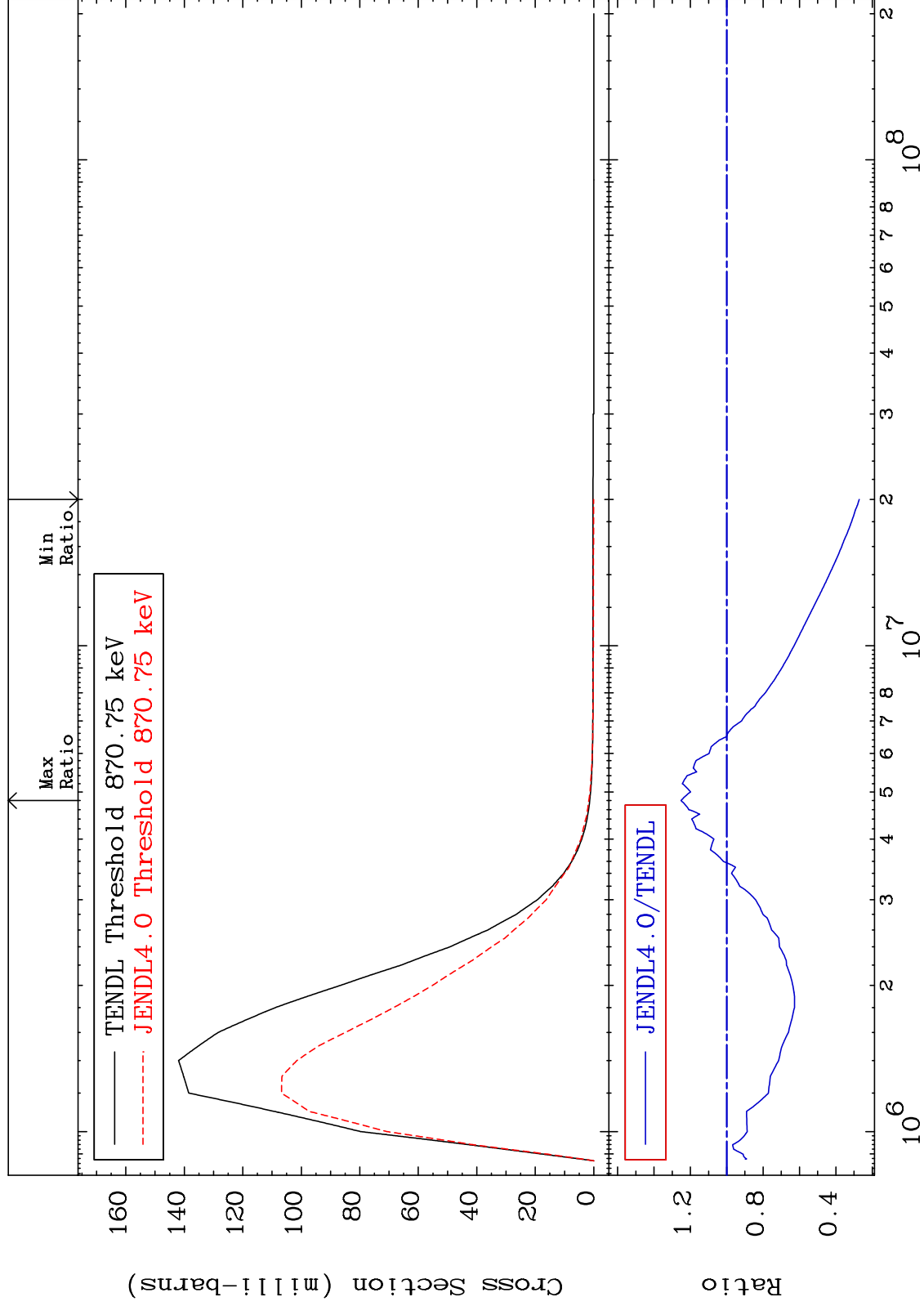
Incident Energy (eV)

47-Ag-109

MAT 4731

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

47-Ag-109
-72.89 To 25.13 %



23

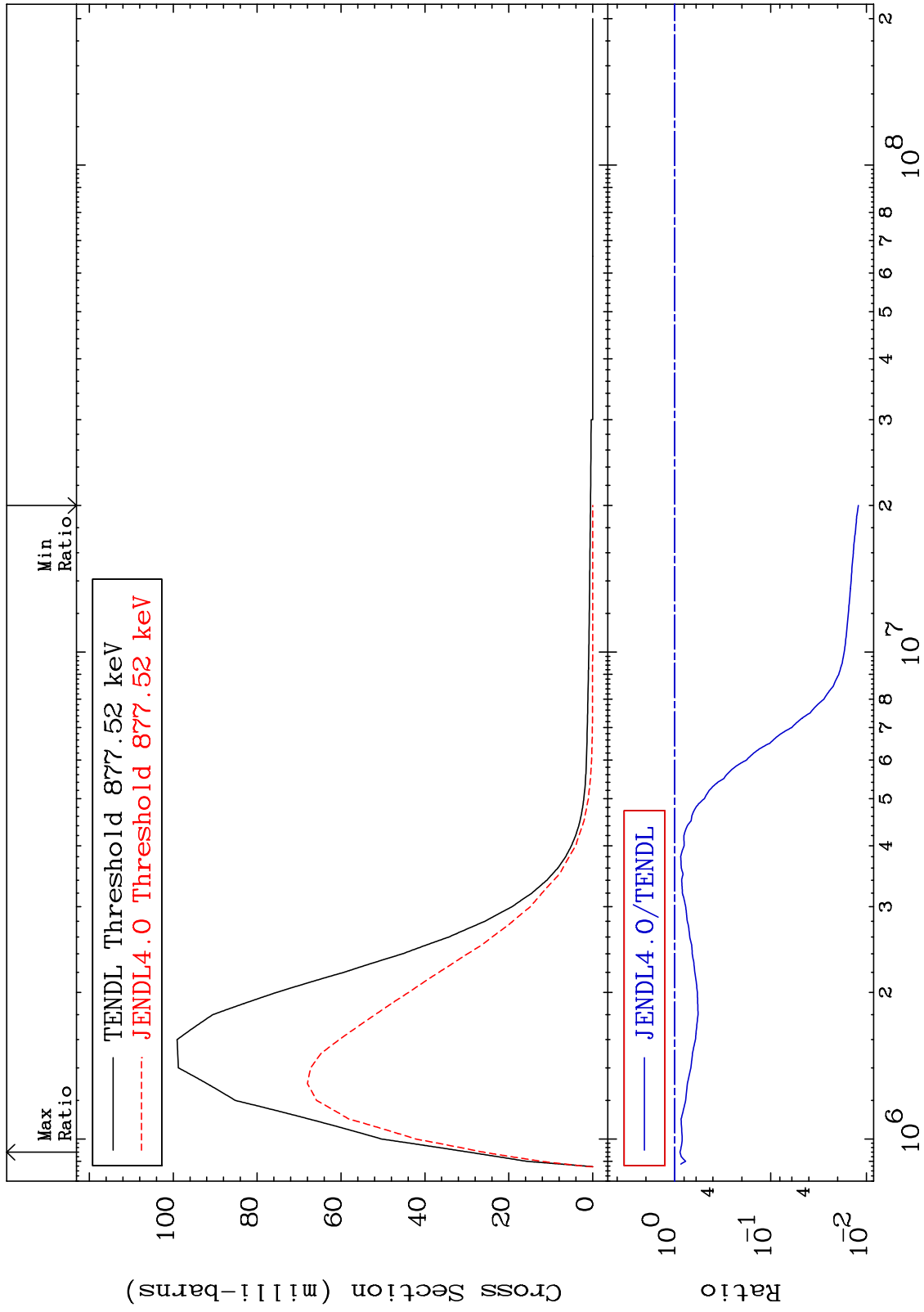
Incident Energy (eV)

47-Ag-109

MAT 4731

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

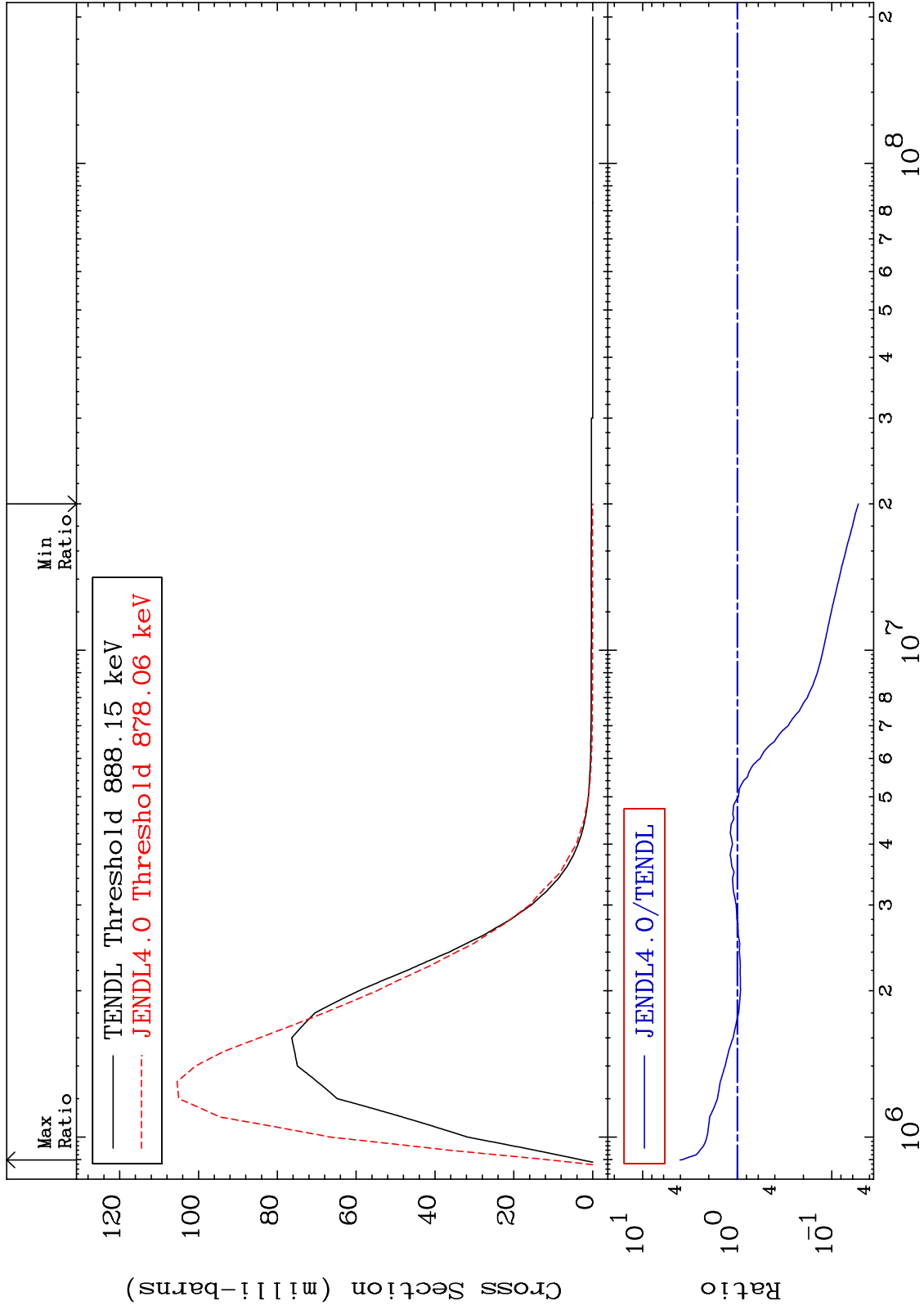
47-Ag-109
-98.79 To -11.75%



MAT 4731

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

47-Ag-109
-94.77 To 302.7 %



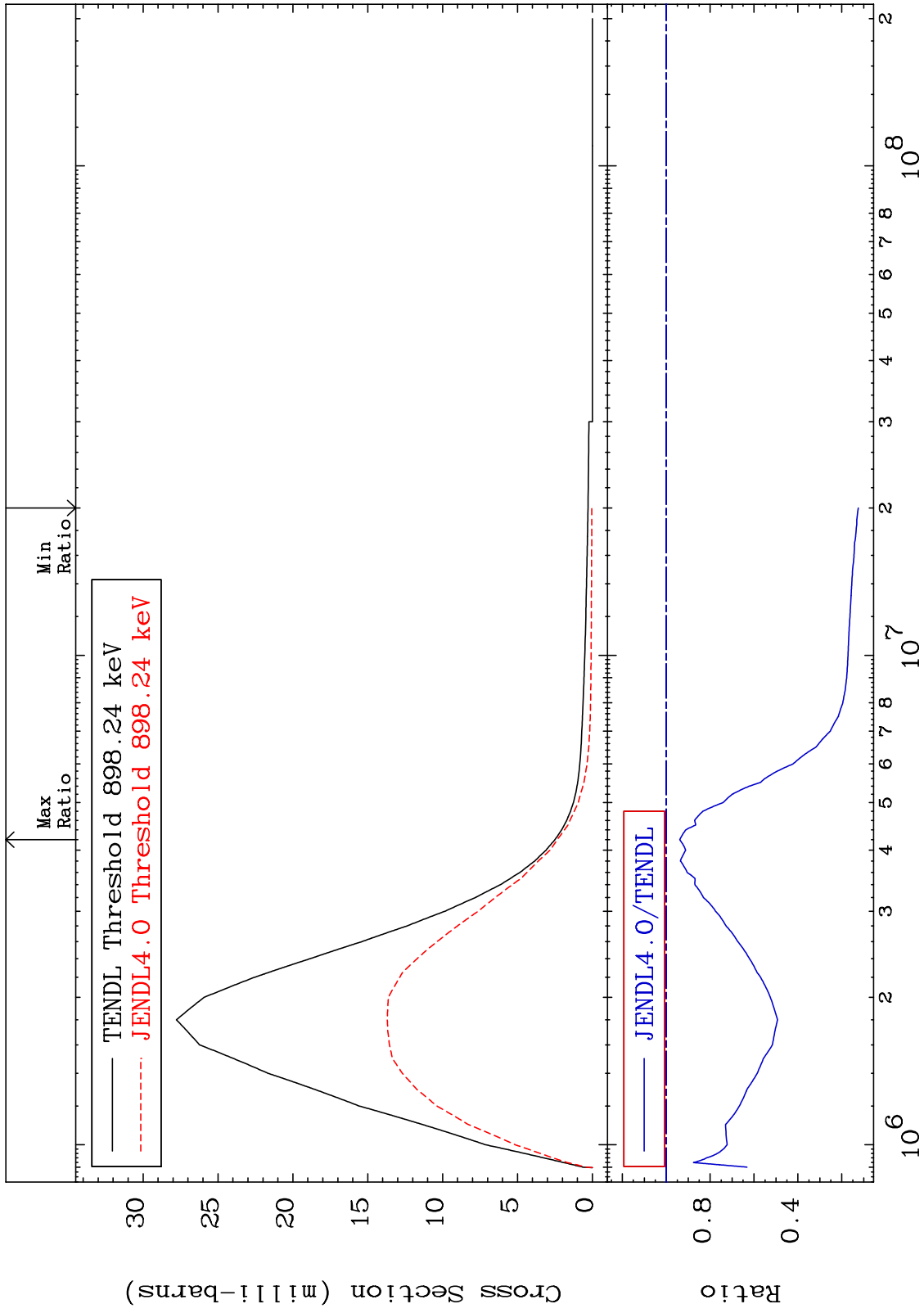
25

47-Ag-109

MAT 4731

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

47-Ag-109
-87.54 To -6.173%



26

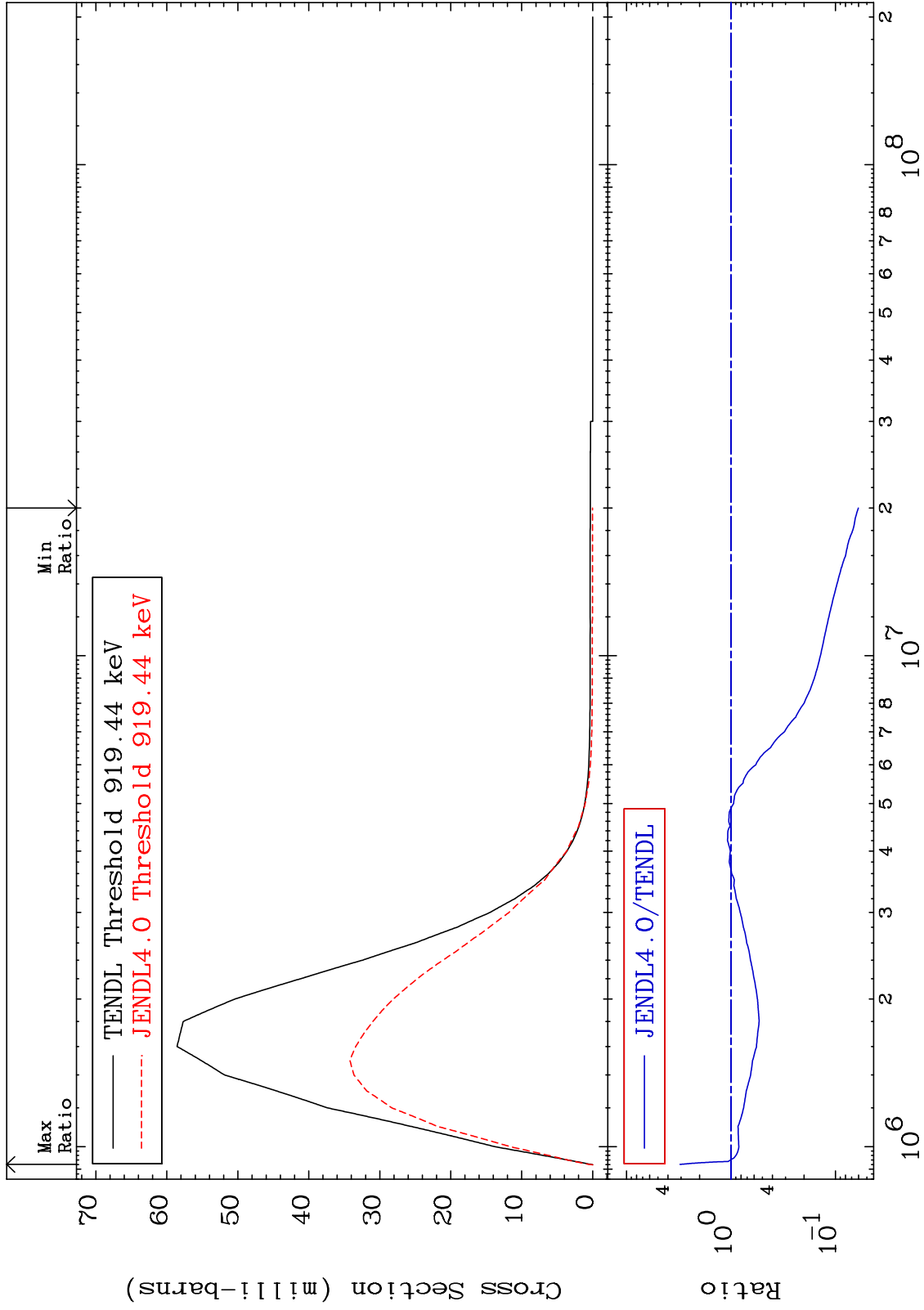
Incident Energy (eV)

47-Ag-109

MAT 4731

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

47-Ag-109
-93.97 To 207.2 %



27

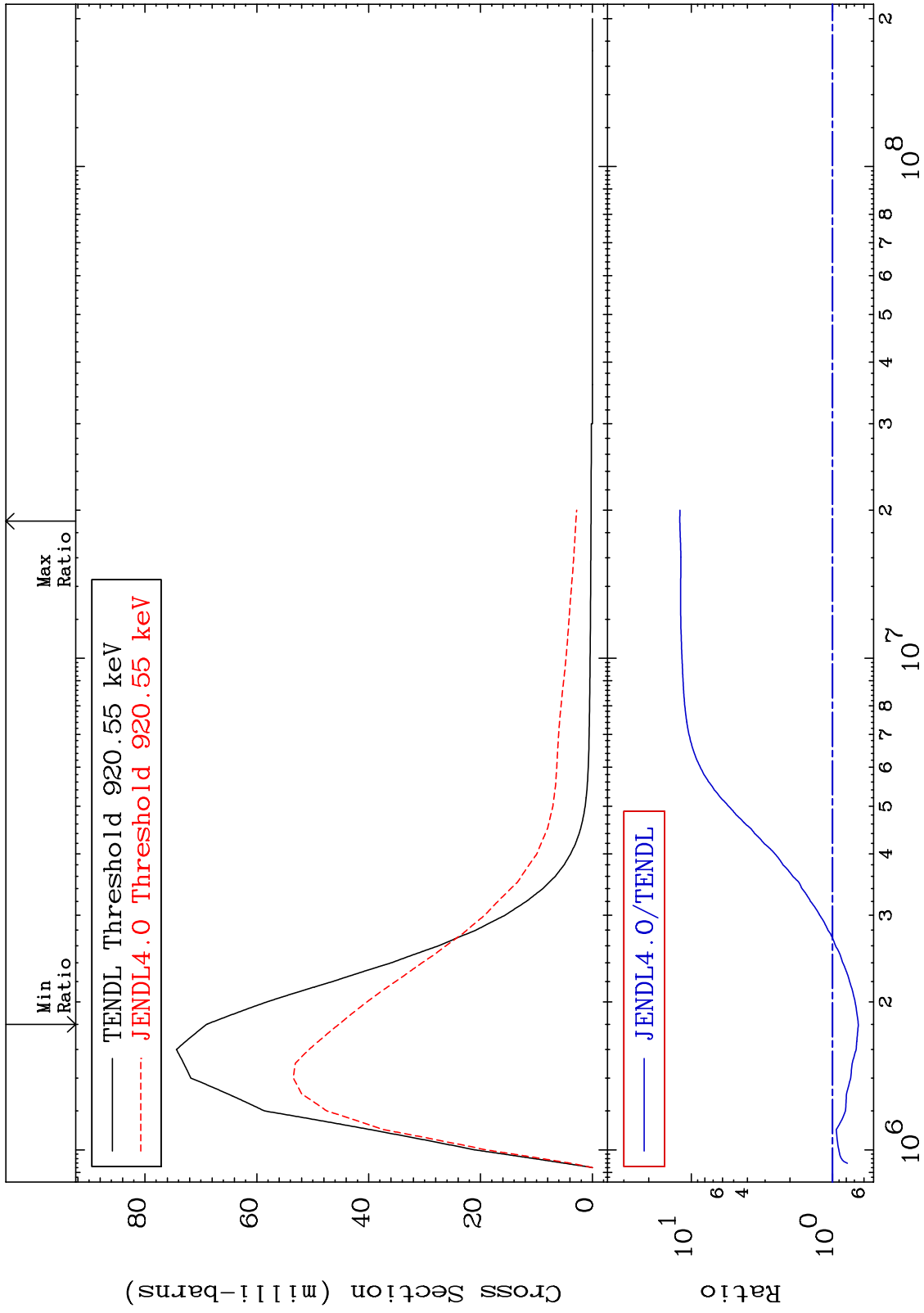
Incident Energy (eV)

47-Ag-109

MAT 4731

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

47-Ag-109
-34.30 To 1104. %



28

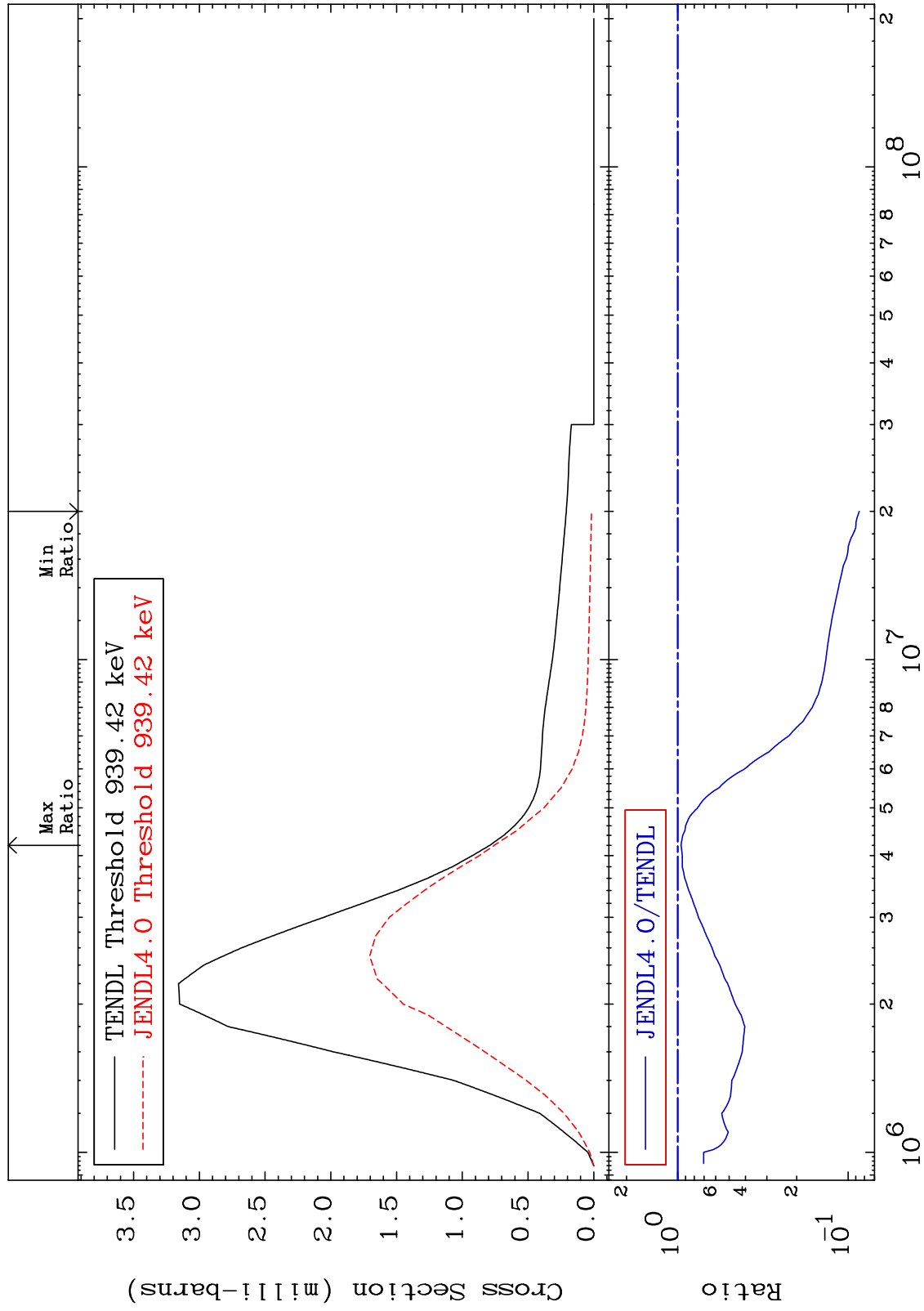
Incident Energy (eV)

47-Ag-109

MAT 4731

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

47-Ag-109
-91.41 To -4.292%



29

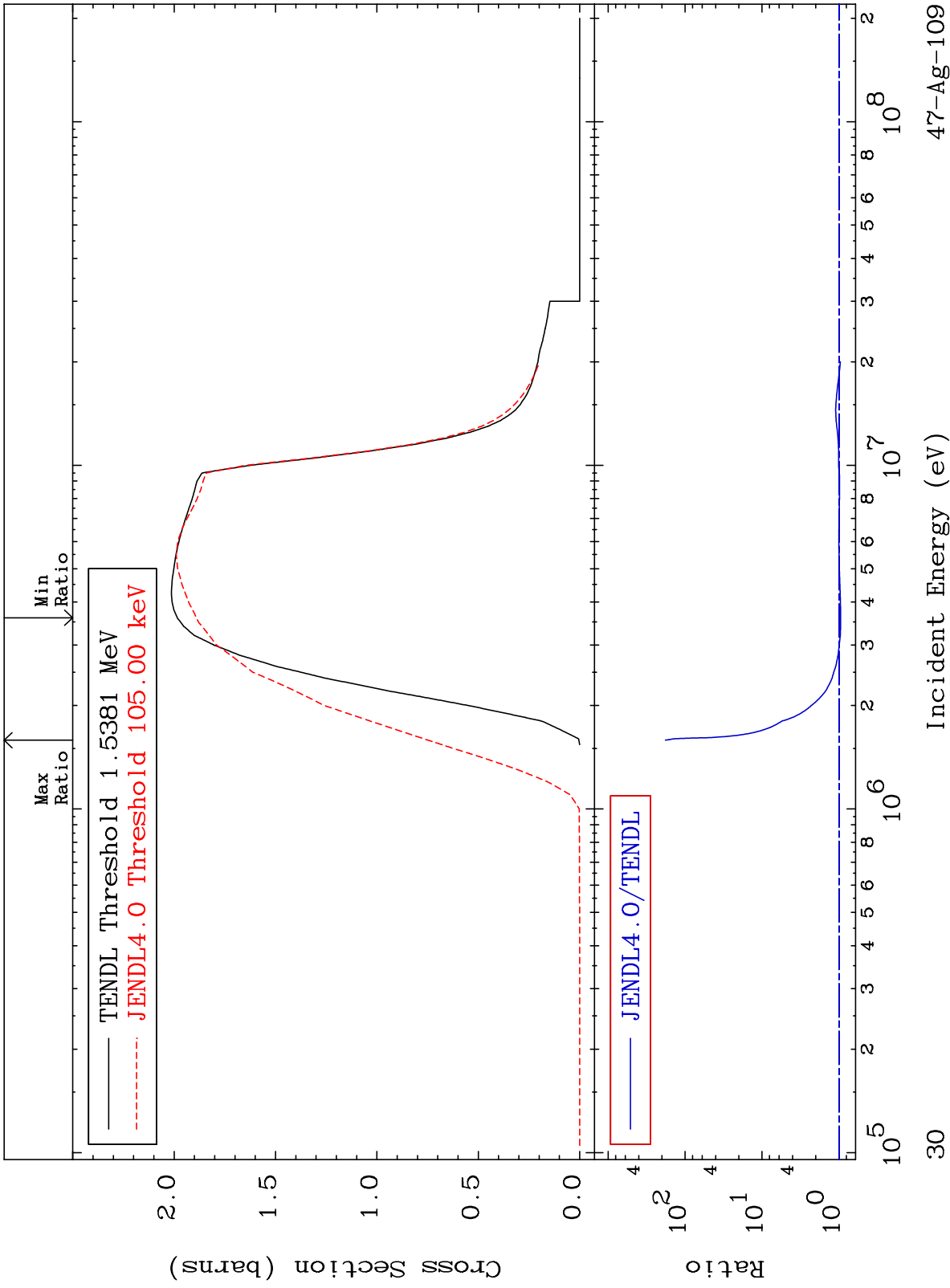
Incident Energy (eV)

47-Ag-109

MAT 4731

(n, n') Continuum
Cross Section

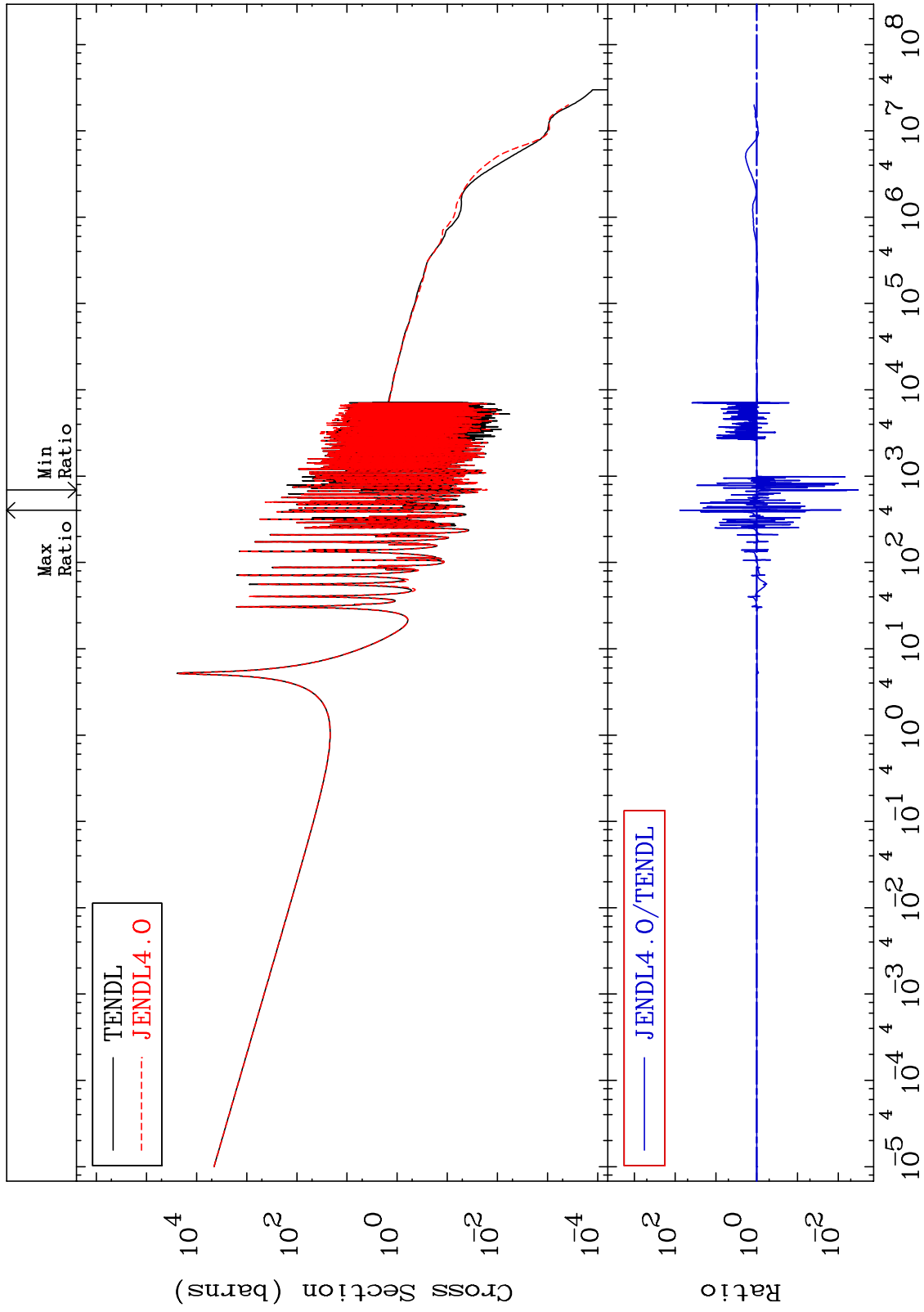
47-Ag-109
-4.760 To 9999. %



MAT 4731

(n, γ)
Cross Section

47-Ag-109
-99.68 To 7536. %



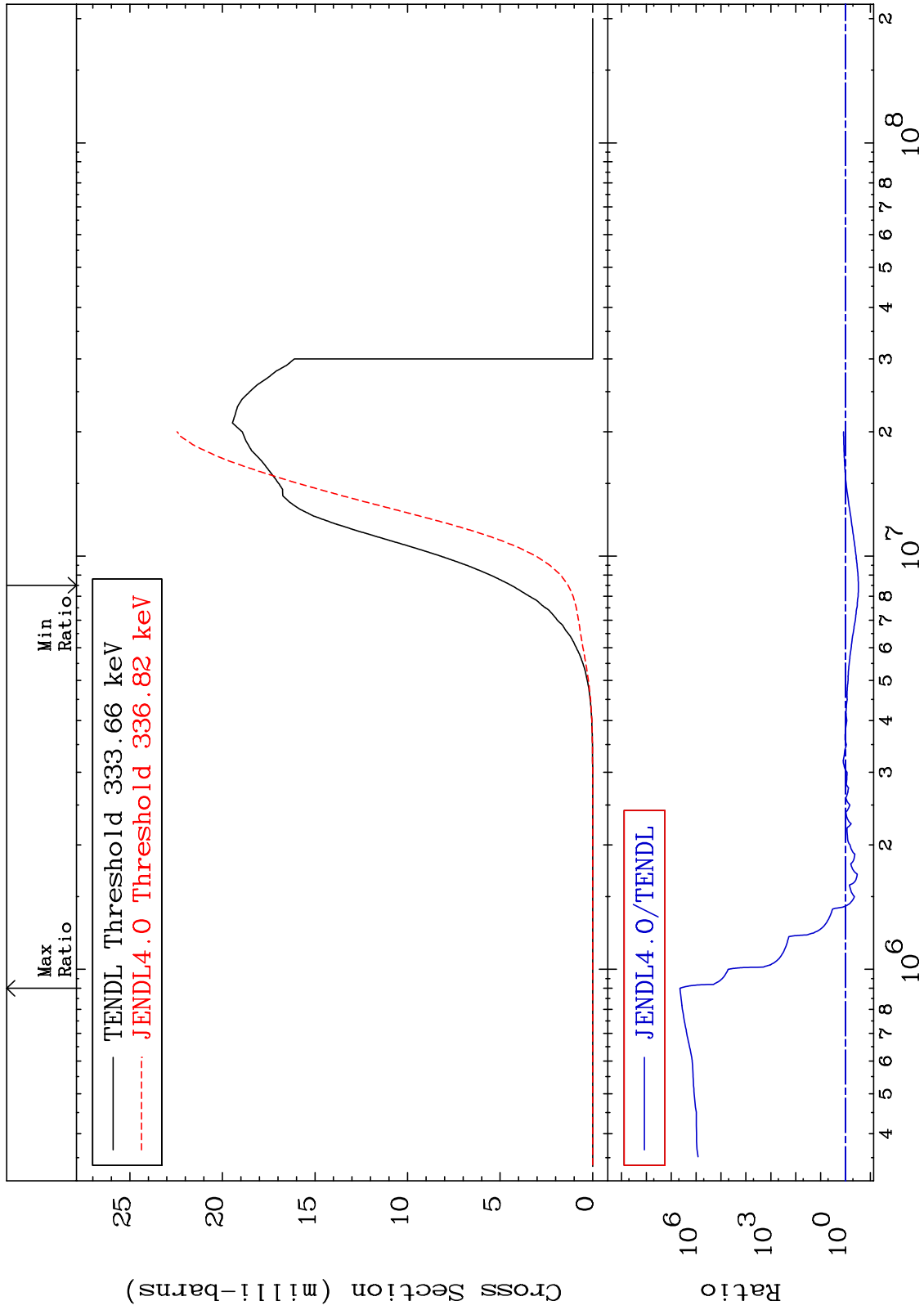
MAT 4731

(n, p)

47-Ag-109

Cross Section

-69.86 To 9999. %



32

47-Ag-109

47-Ag-109

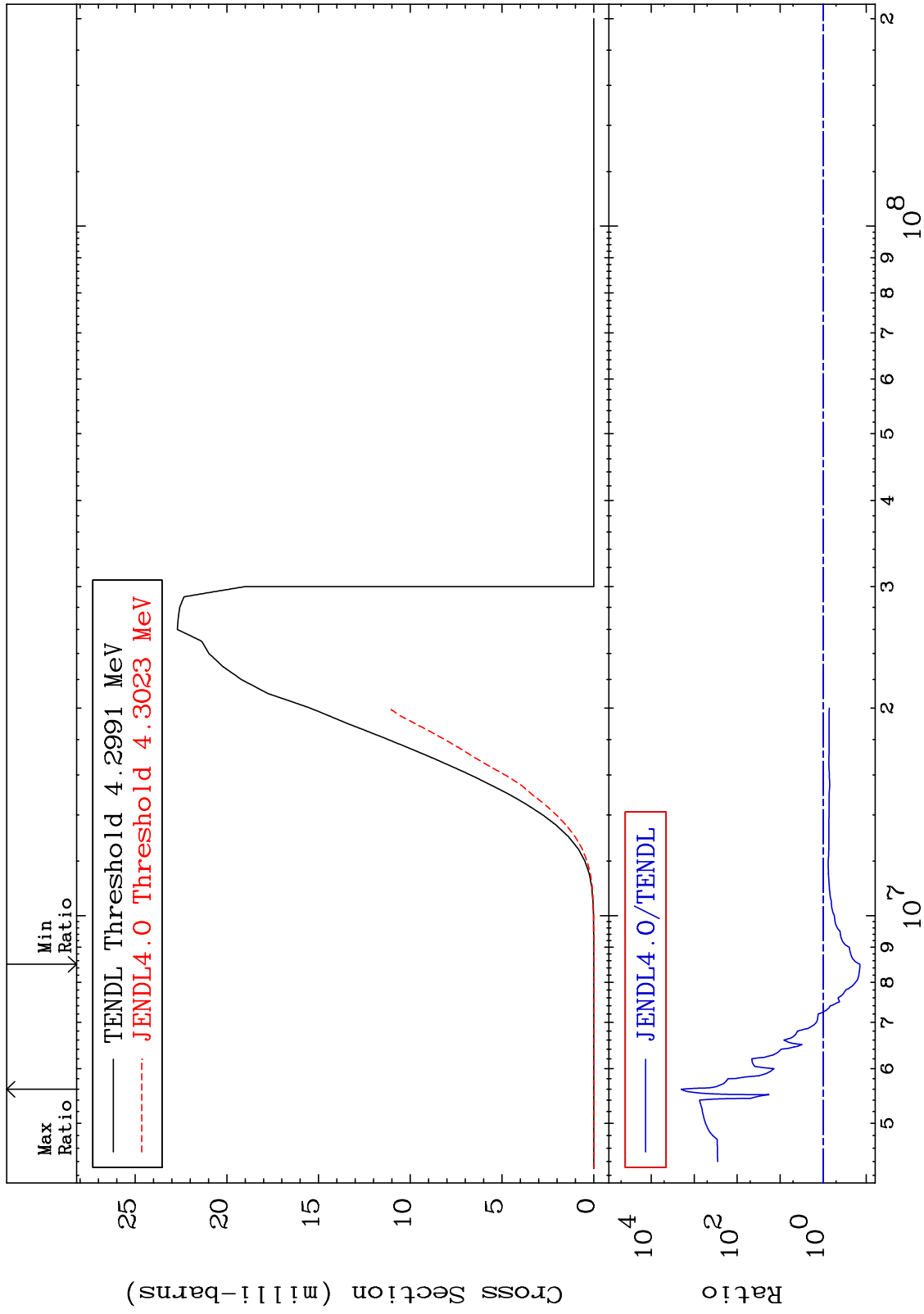
MAT 4731

(n, d)

47-Ag-109

Cross Section

-86.05 To 9999. %



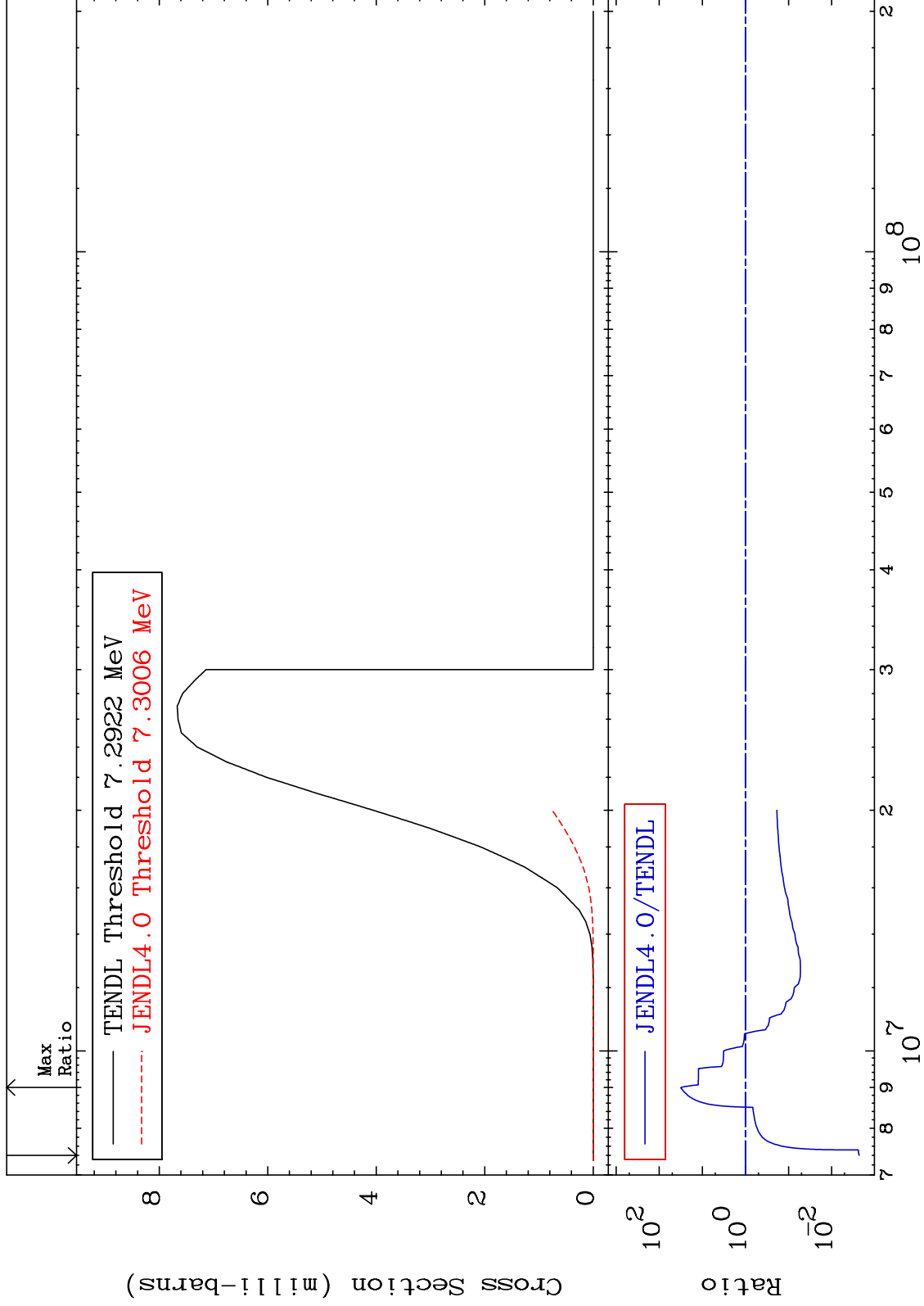
MAT 4731

(n, t)

47-Ag-109

Cross Section

-99.77 To 3094. %



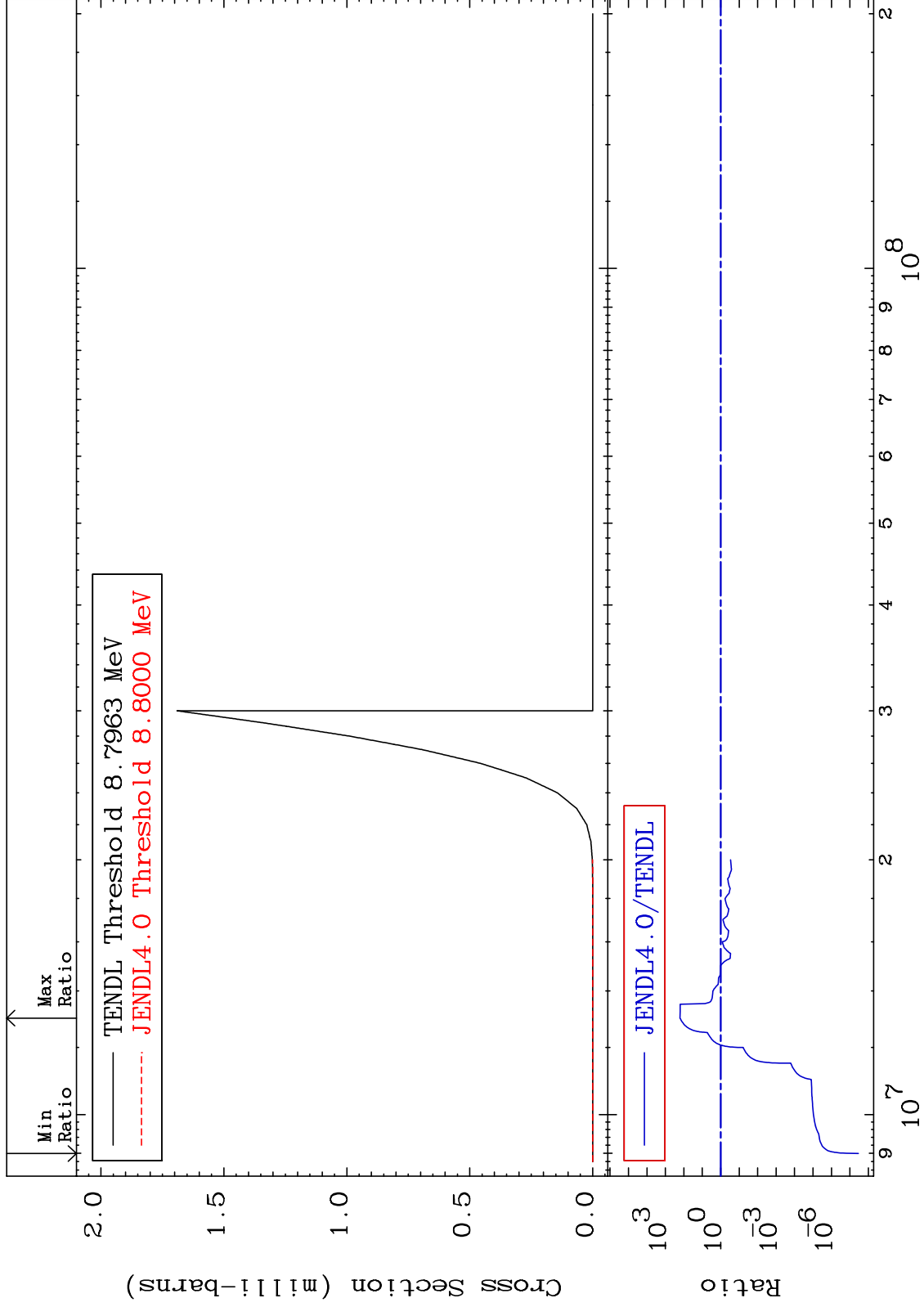
MAT 4731

(n, He-3)

47-Ag-109

Cross Section

-100.0 To 9999. %



35

Incident Energy (eV)

47-Ag-109

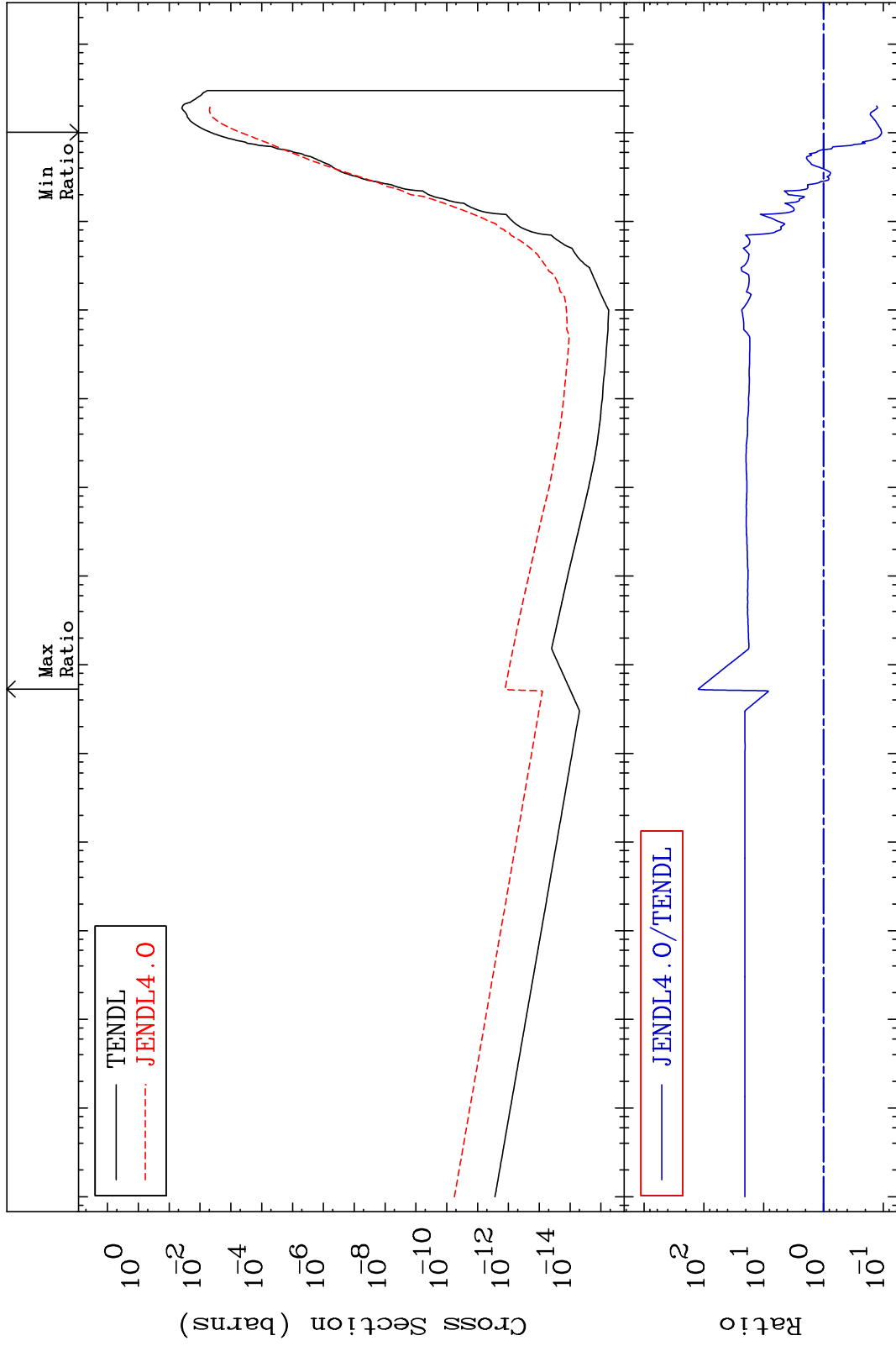
MAT 4731

(n, α)

47-Ag-109

Cross Section

-89.31 To 9999. %



36

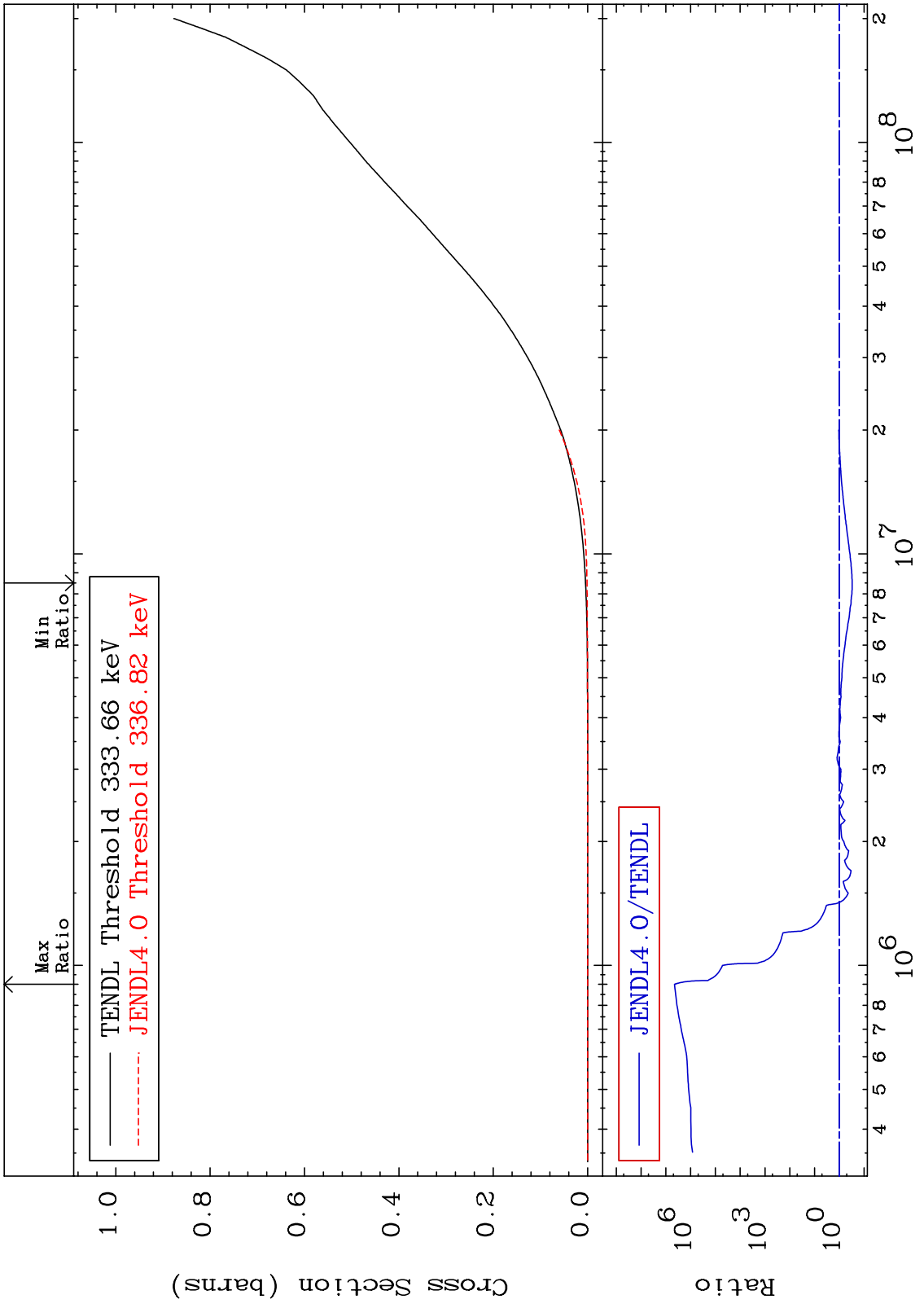
Incident Energy (eV)

47-Ag-109

MAT 4731

Hydrogen Production
Cross Section

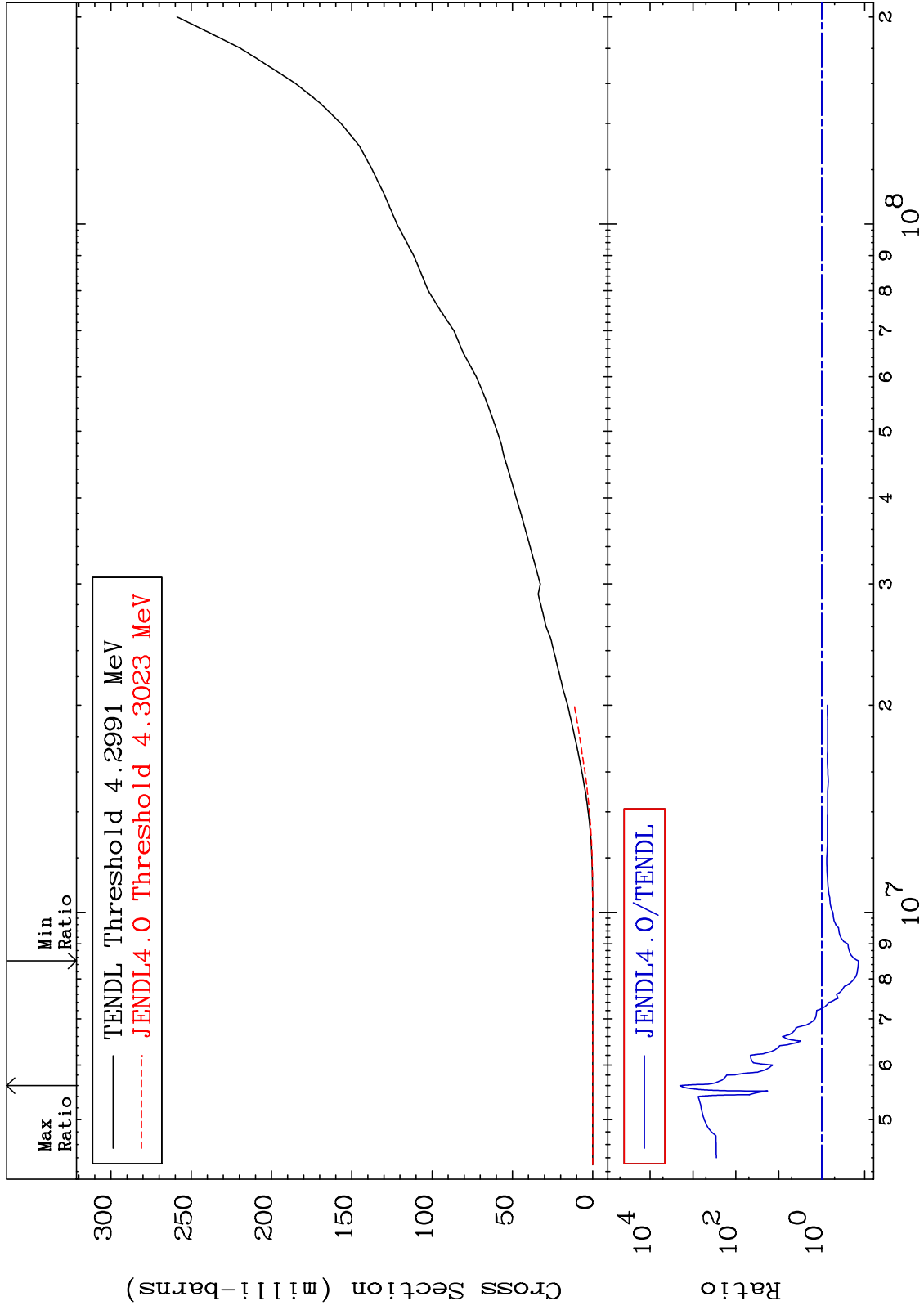
47-Ag-109
-69.86 To 9999. %



MAT 4731

Deuterium Production
Cross Section

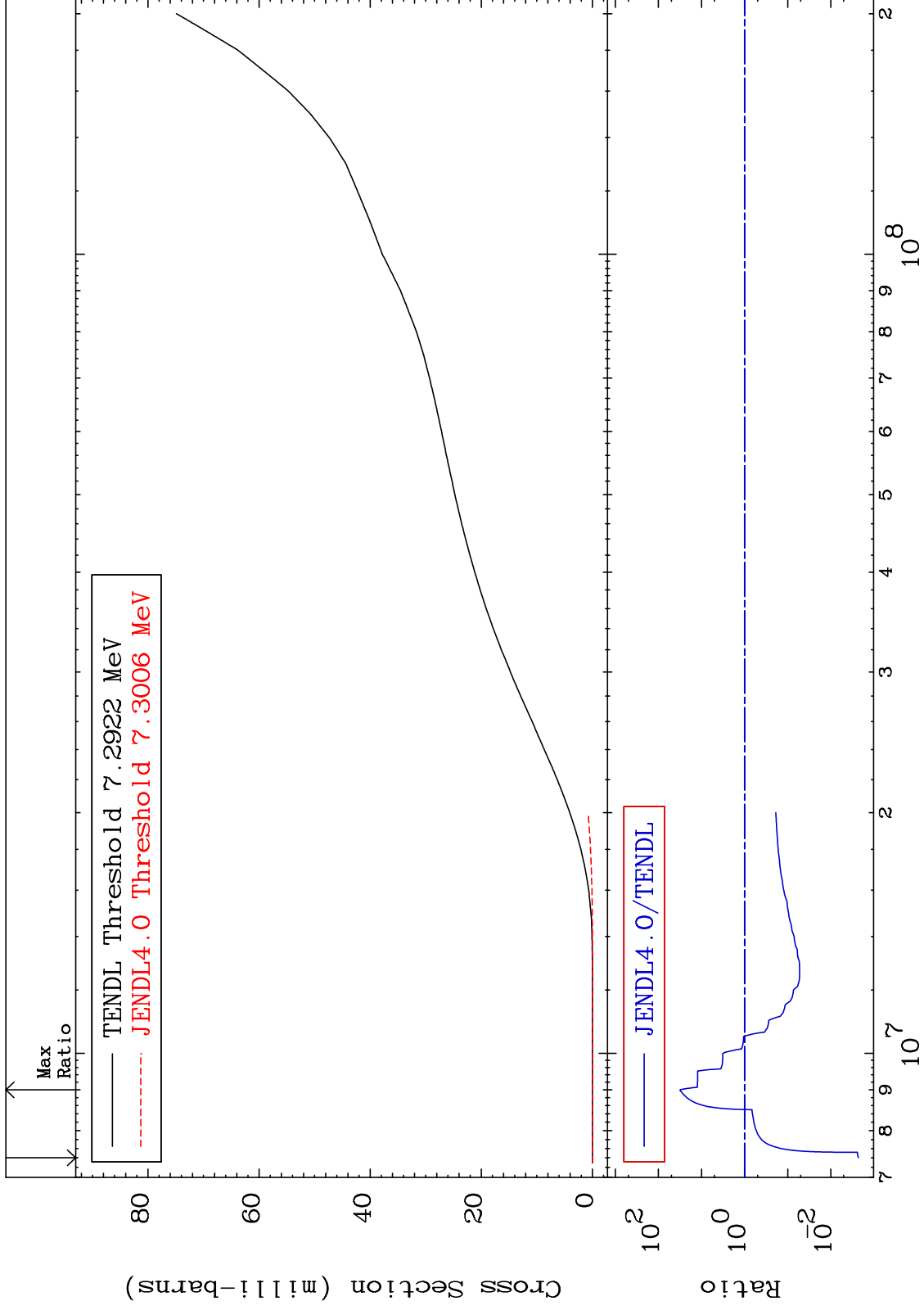
47-Ag-109
-86.05 To 9999. %



MAT 4731

Tritium Production
Cross Section

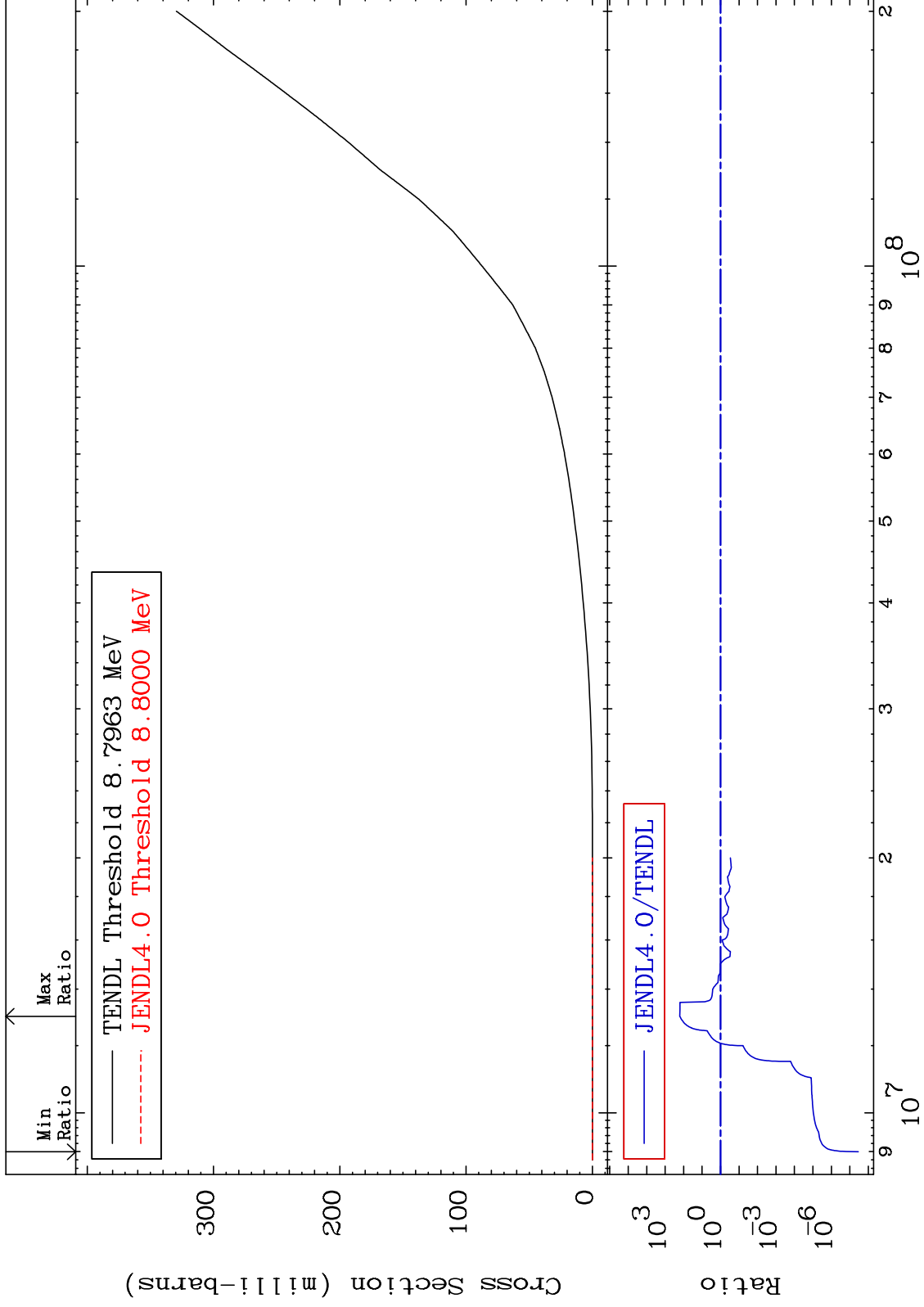
47-Ag-109
-99.77 To 3094. %



MAT 4731

He-3 Production
Cross Section

47-Ag-109
-100.0 To 9999. %



47-Ag-109

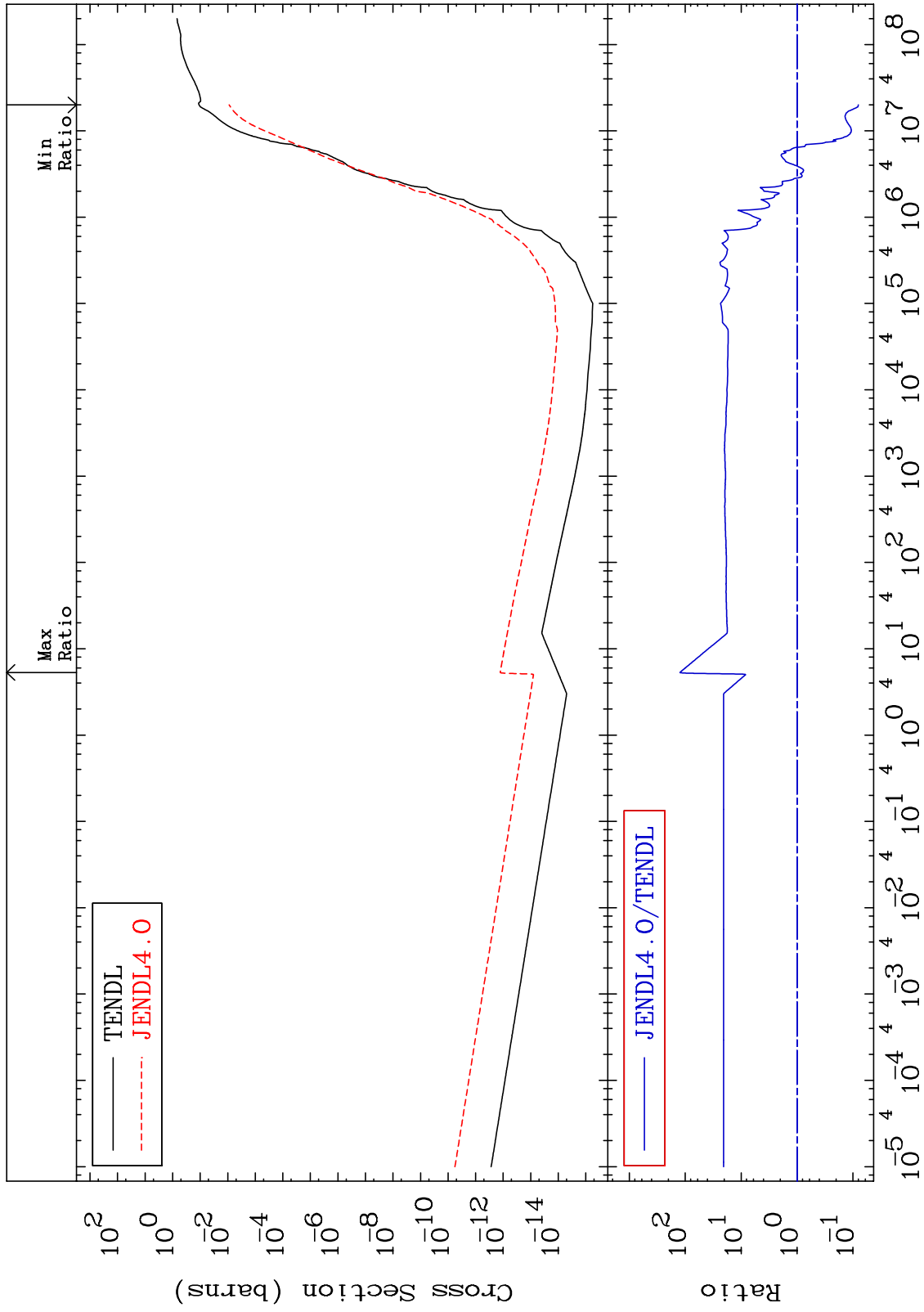
Incident Energy (eV)

40

MAT 4731

He-4 Production
Cross Section

47-Ag-109
-92.01 To 9999. %



41

Incident Energy (eV)

47-Ag-109

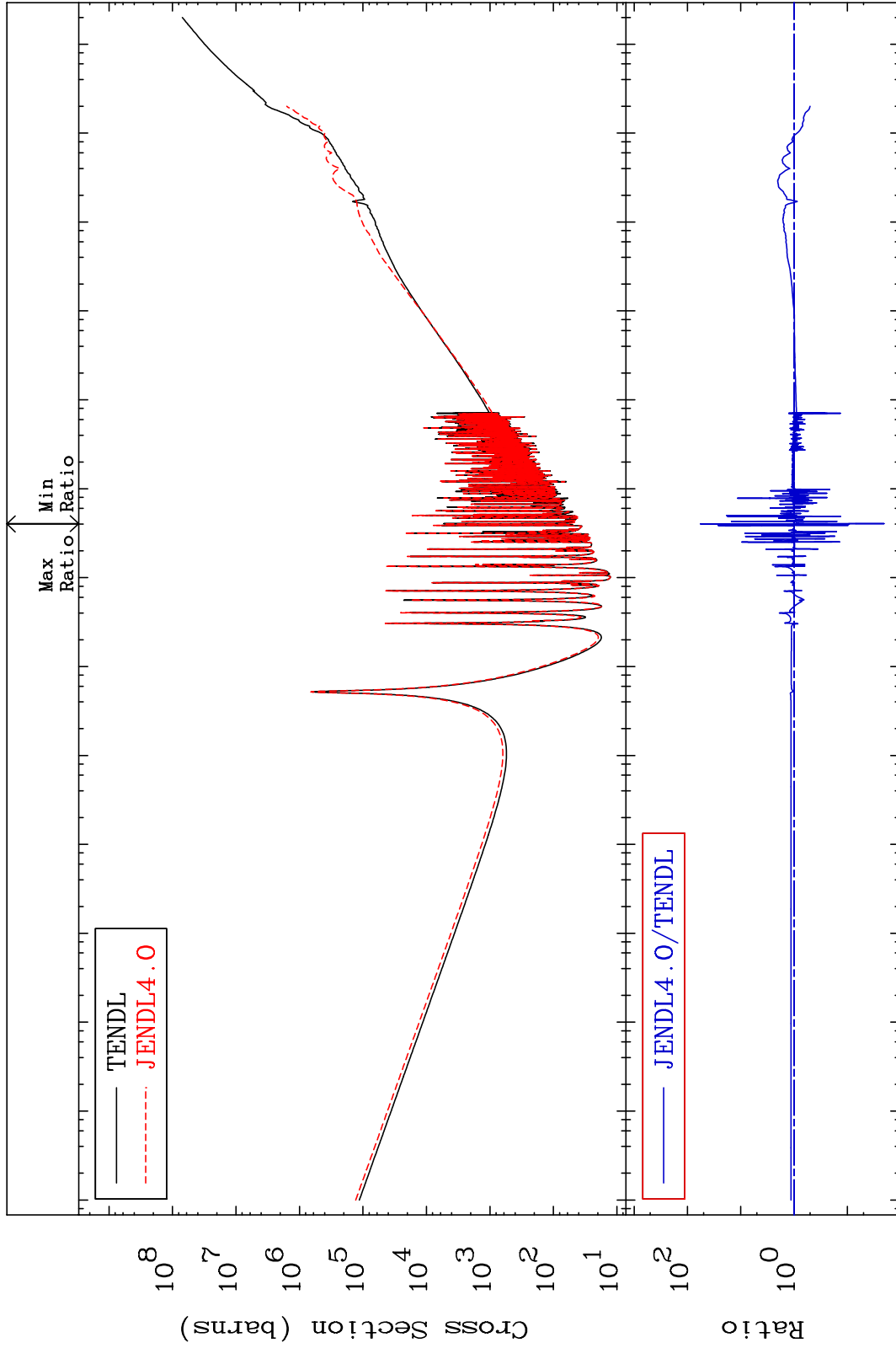
MAT 4731

Kerma total (eV-barns)

47-Ag-109

-97.94 To 5640. %

Cross Section



Incident Energy (eV)

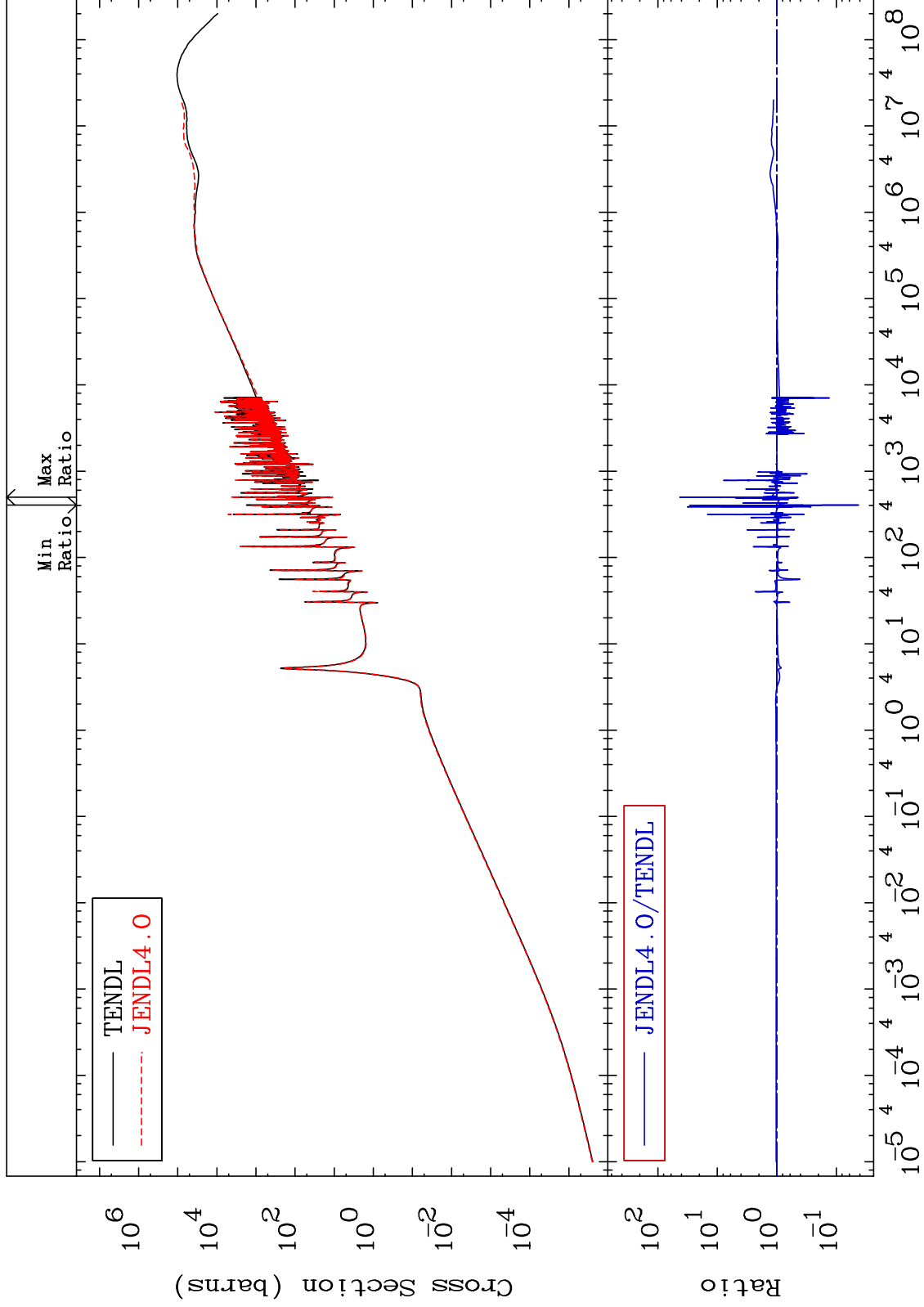
47-Ag-109

42

MAT 4731

Kerma elastic
Cross Section

47-Ag-109
-95.75 To 4138. %



43

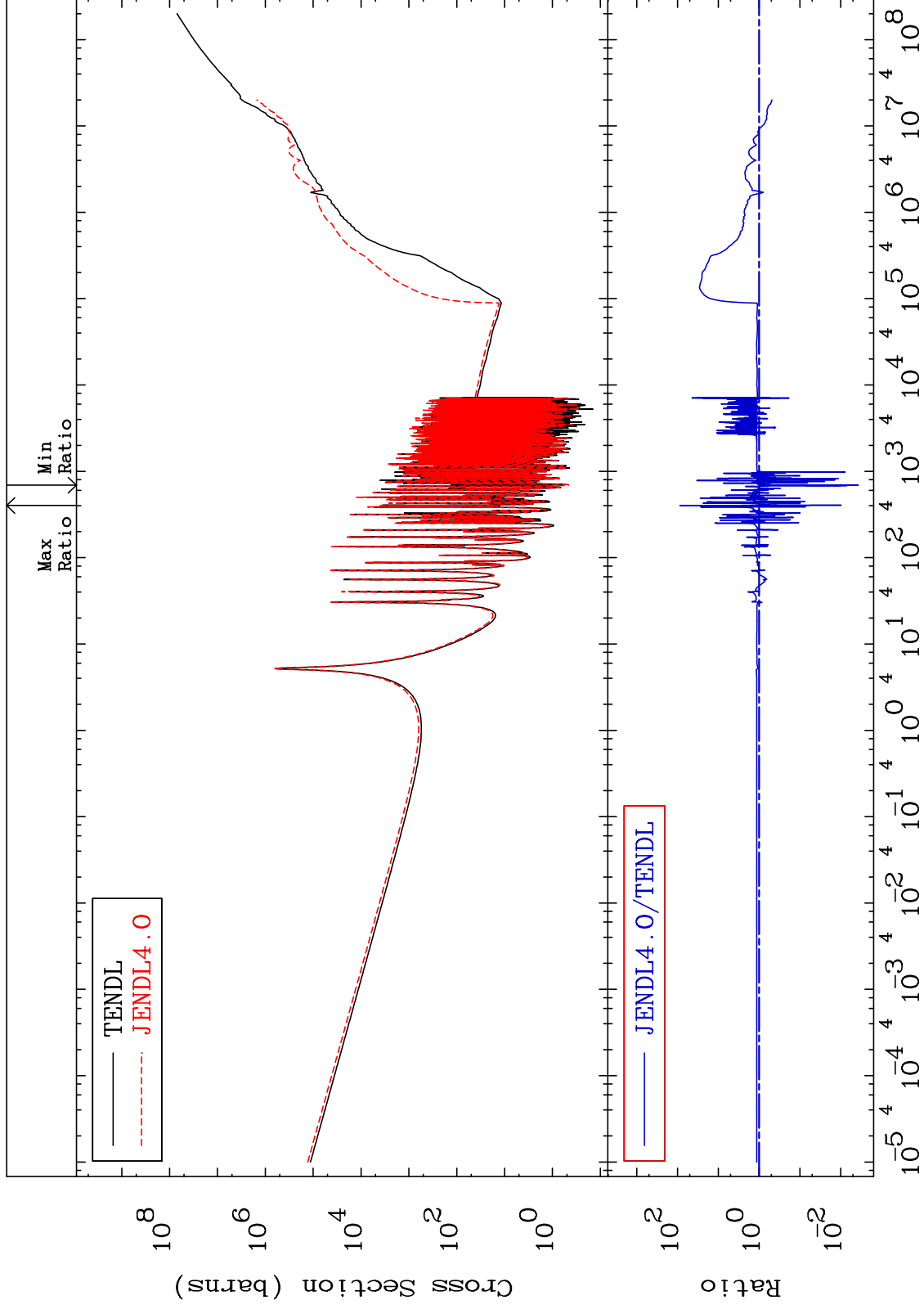
Incident Energy (eV)

47-Ag-109

MAT 4731

Kerma non-elastic (all but mt2)
Cross Section

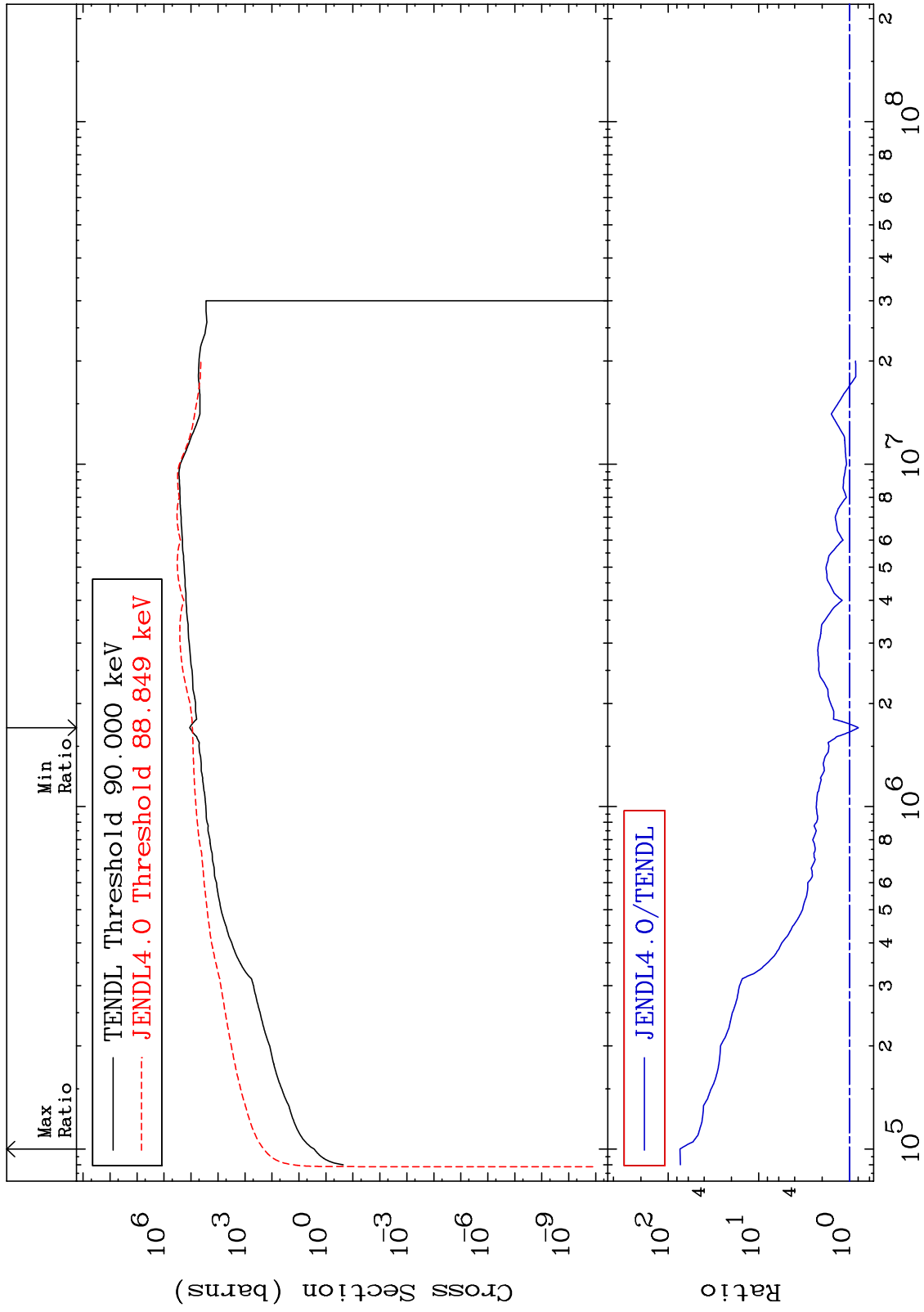
47-Ag-109
-99.63 To 8586. %



MAT 4731

Kerma inelastic (mt51-91)
Cross Section

47-Ag-109
-20.61 To 7284. %



45

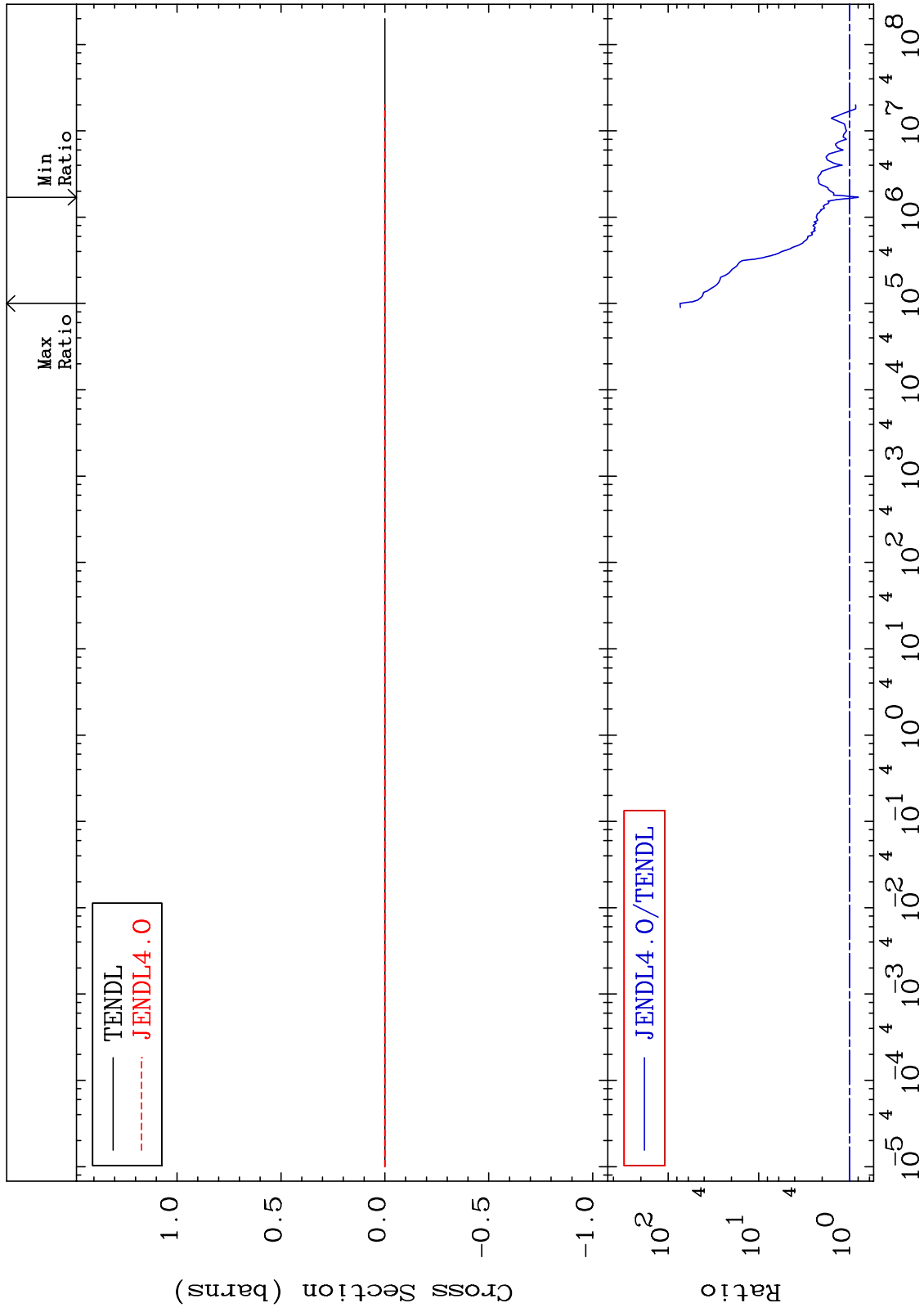
Incident Energy (eV)

47-Ag-109

MAT 4731

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

47-Ag-109
-20.61 To 7284. %



46

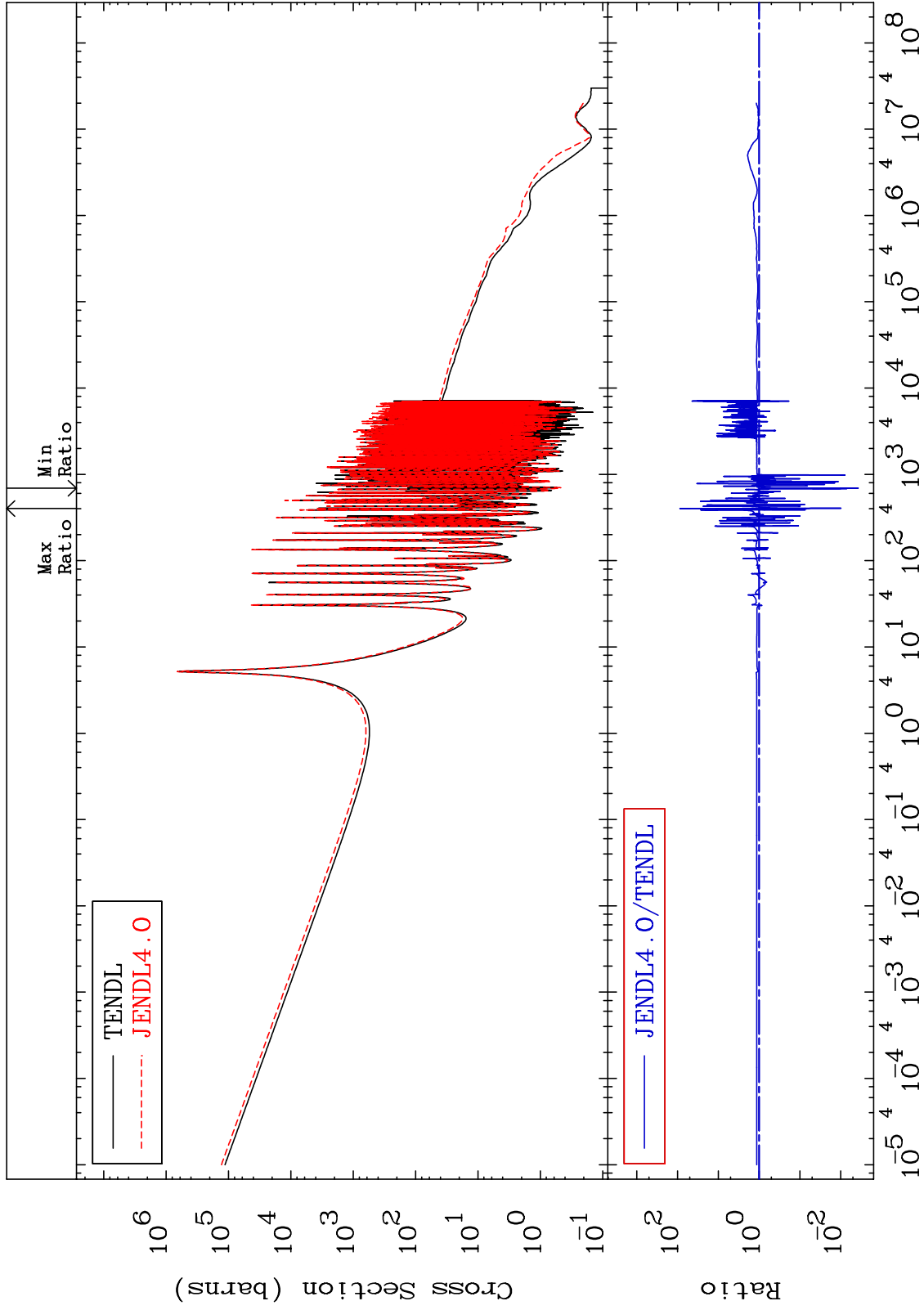
Incident Energy (eV)

47-Ag-109

MAT 4731

Kerma capture (mt102)
Cross Section

47-Ag-109
-99.63 To 8586. %



47

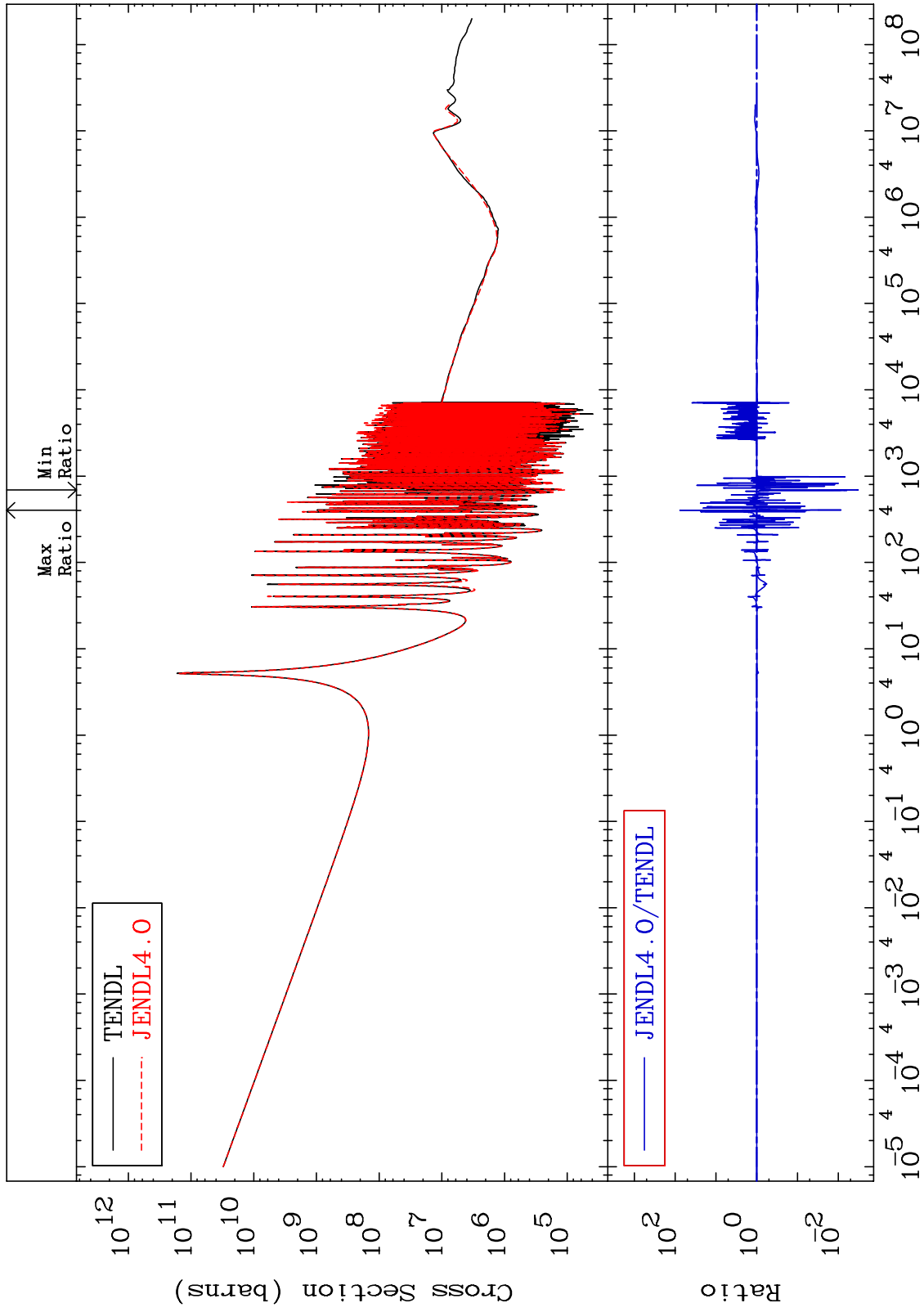
Incident Energy (eV)

47-Ag-109

MAT 4731

Total photon (eV-barns)
Cross Section

47-Ag-109
-99.68 To 7509. %



48

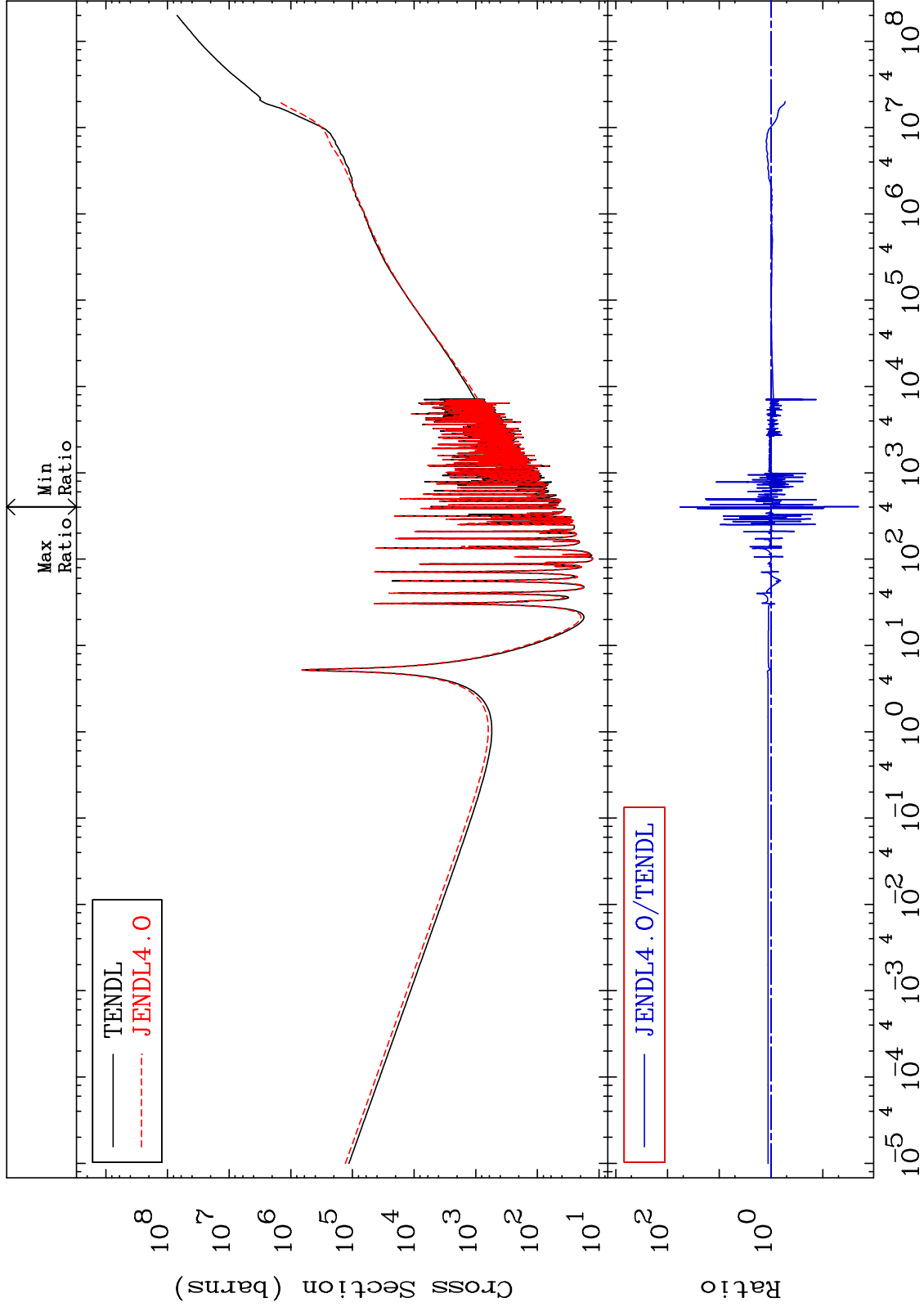
Incident Energy (eV)

47-Ag-109

MAT 4731

Total kinematic kerma (high limit)
Cross Section

47-Ag-109
-97.94 To 5640. %



49

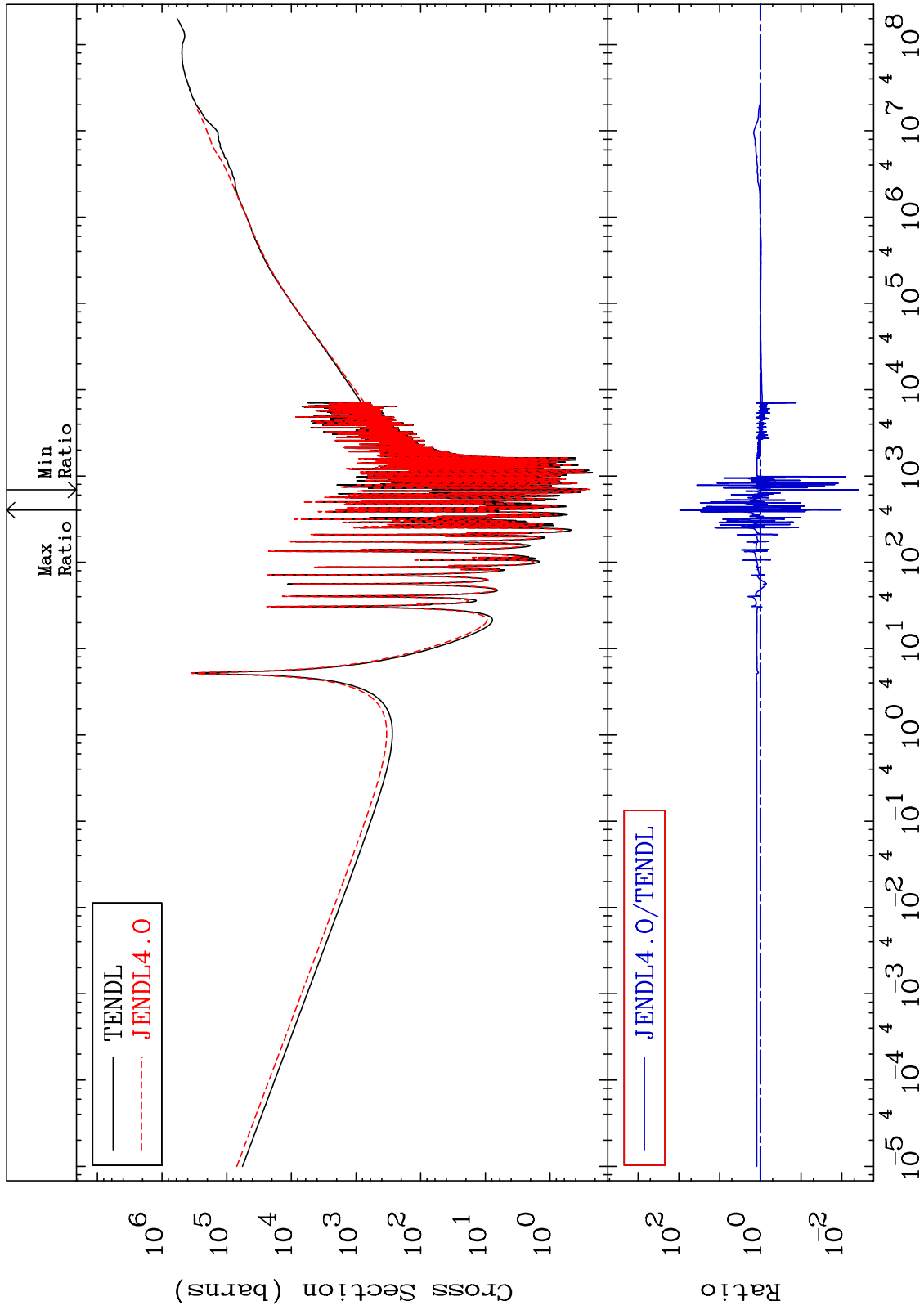
Incident Energy (eV)

47-Ag-109

MAT 4731

Dpa total (eV-barns)
Cross Section

47-Ag-109
-99.61 To 9218. %



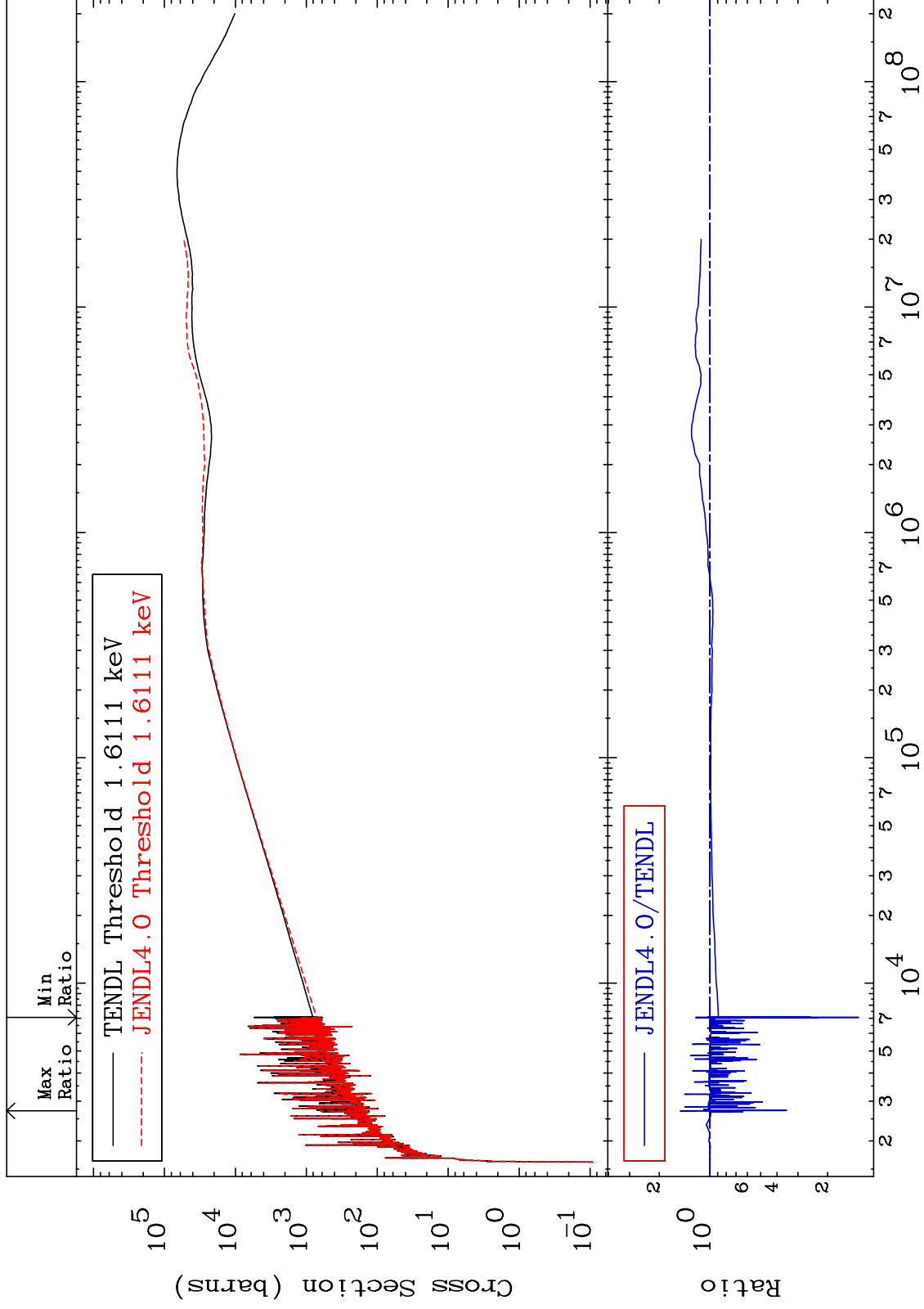
50

47-Ag-109

MAT 4731

Dpa elastic (mt2)
Cross Section

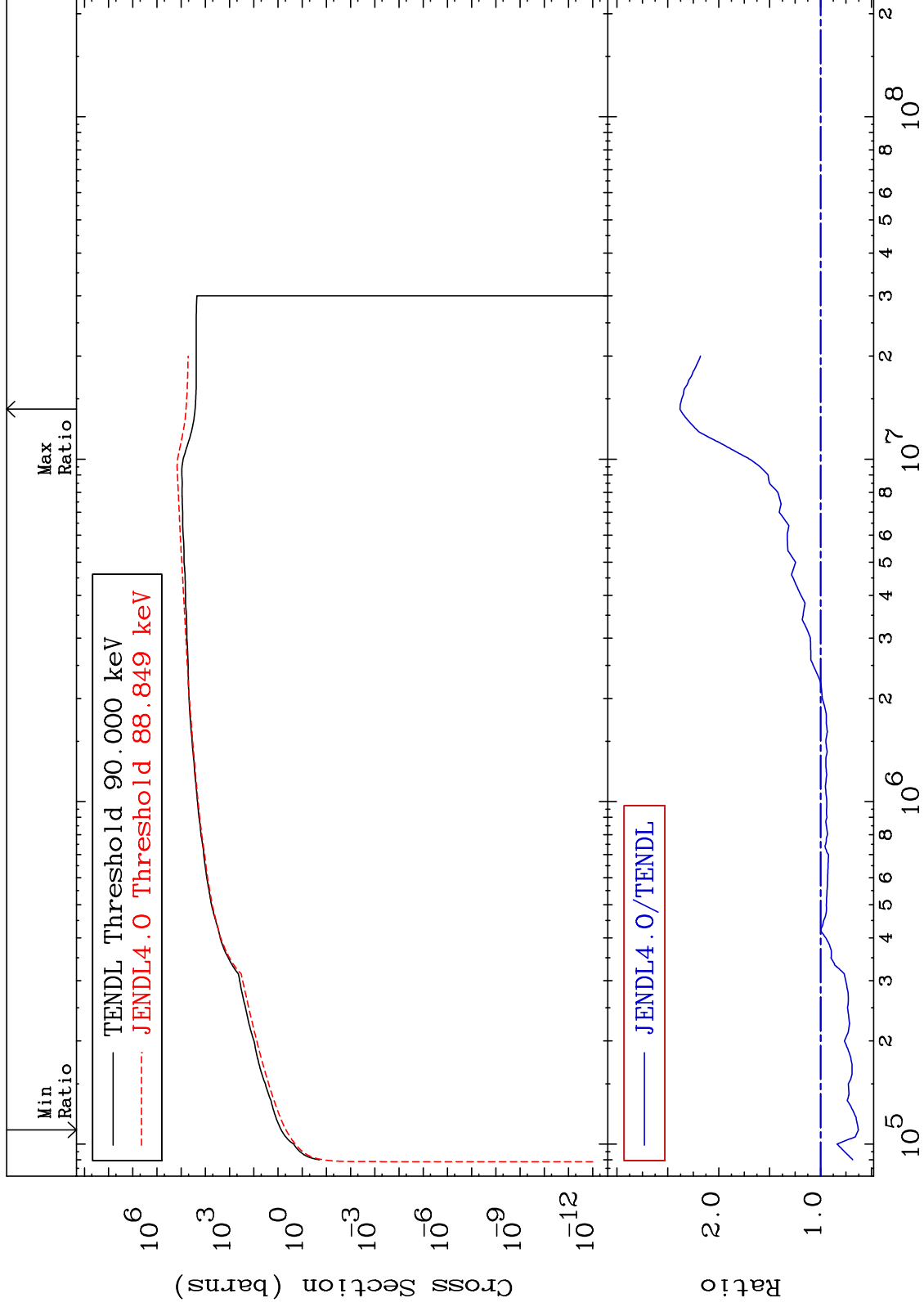
47-Ag-109
-86.87 To 50.37 %



MAT 4731

Dpa inelastic (mt51-91)
Cross Section

47-Ag-109
-37.16 To 138.0 %



52

Incident Energy (eV)

47-Ag-109

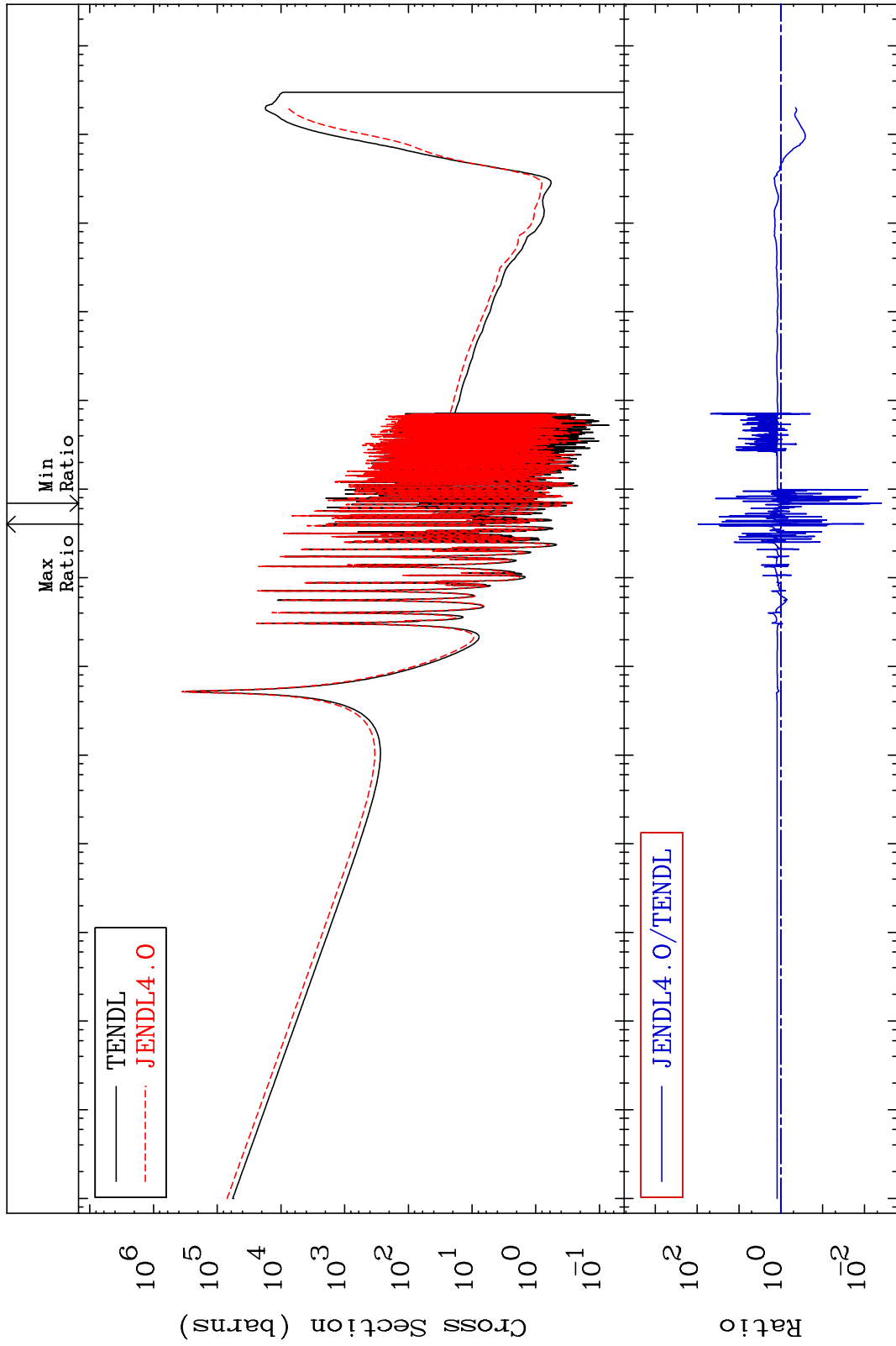
MAT 4731

Dpa disappearance (mt102 -120)

47-Ag-109

-99.61 To 9218. %

Cross Section



53

Incident Energy (eV)

47-Ag-109