

Program Complot
(Version 2018-1)

by

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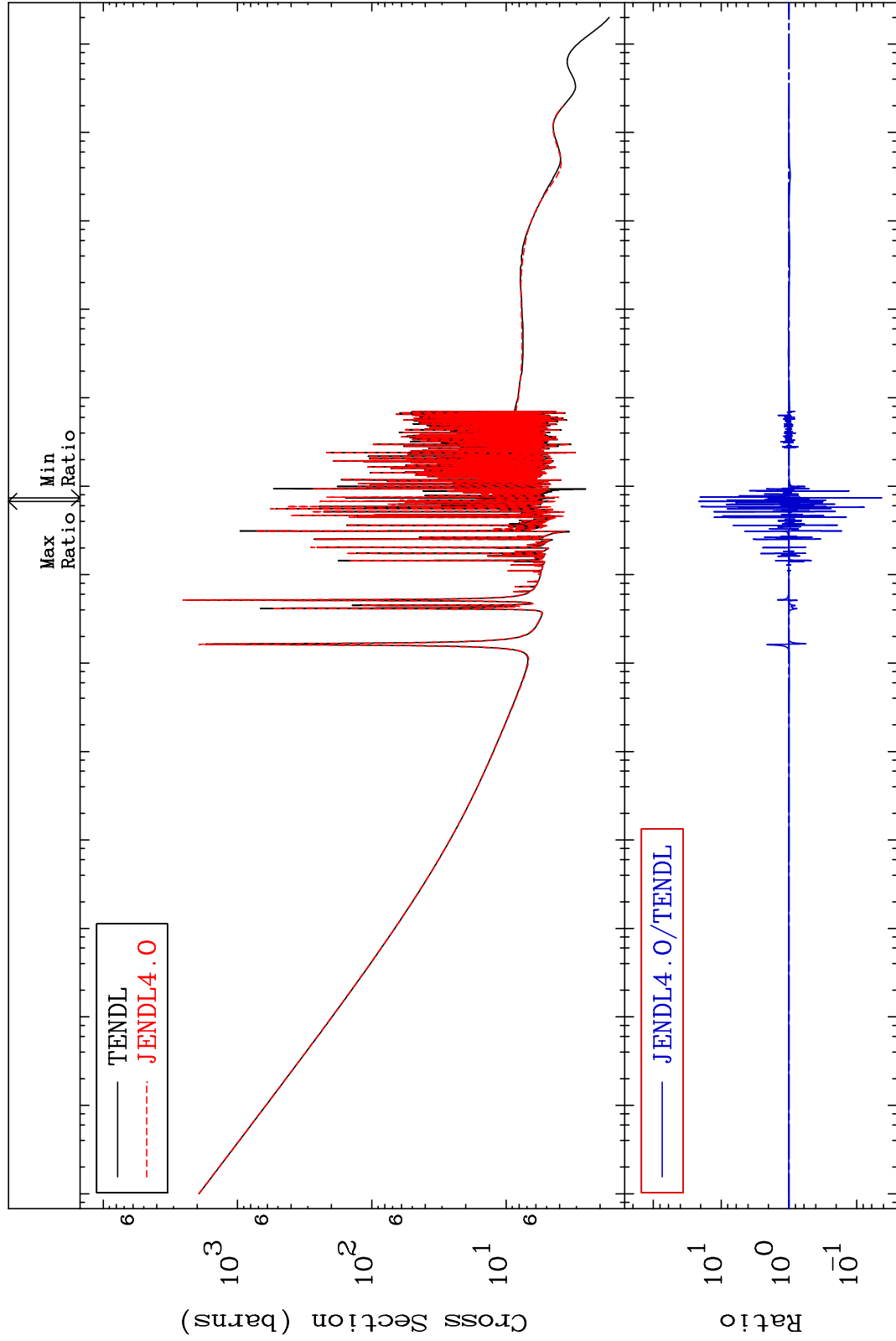
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4725

Total
Cross Section

47-Ag-107
-95.71 To 2041. %



47-Ag-107

Incident Energy (eV)

1

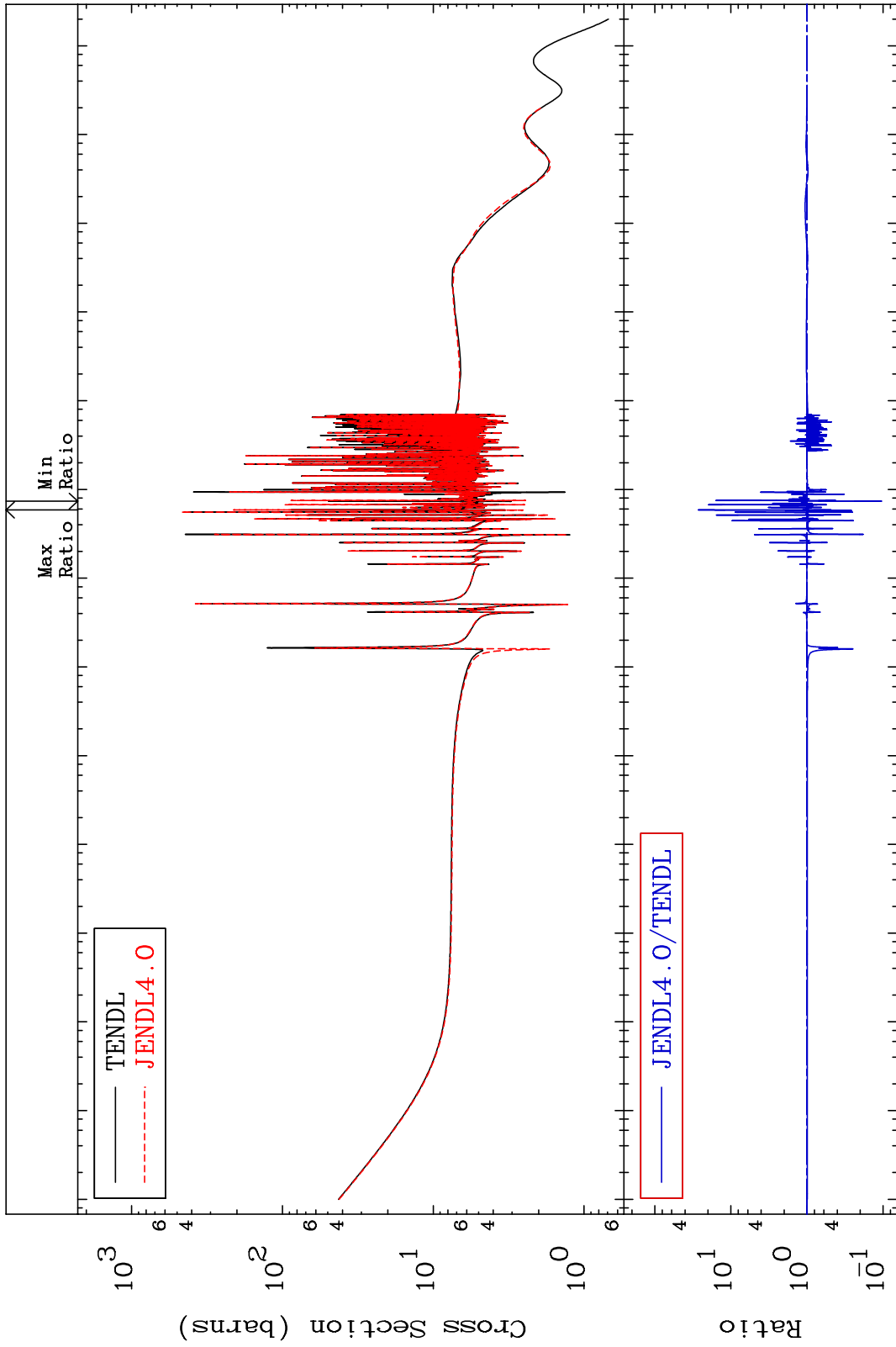
MAT 4725

Elastic

47-Ag-107

Cross Section

-89.52 To 2591. %



2

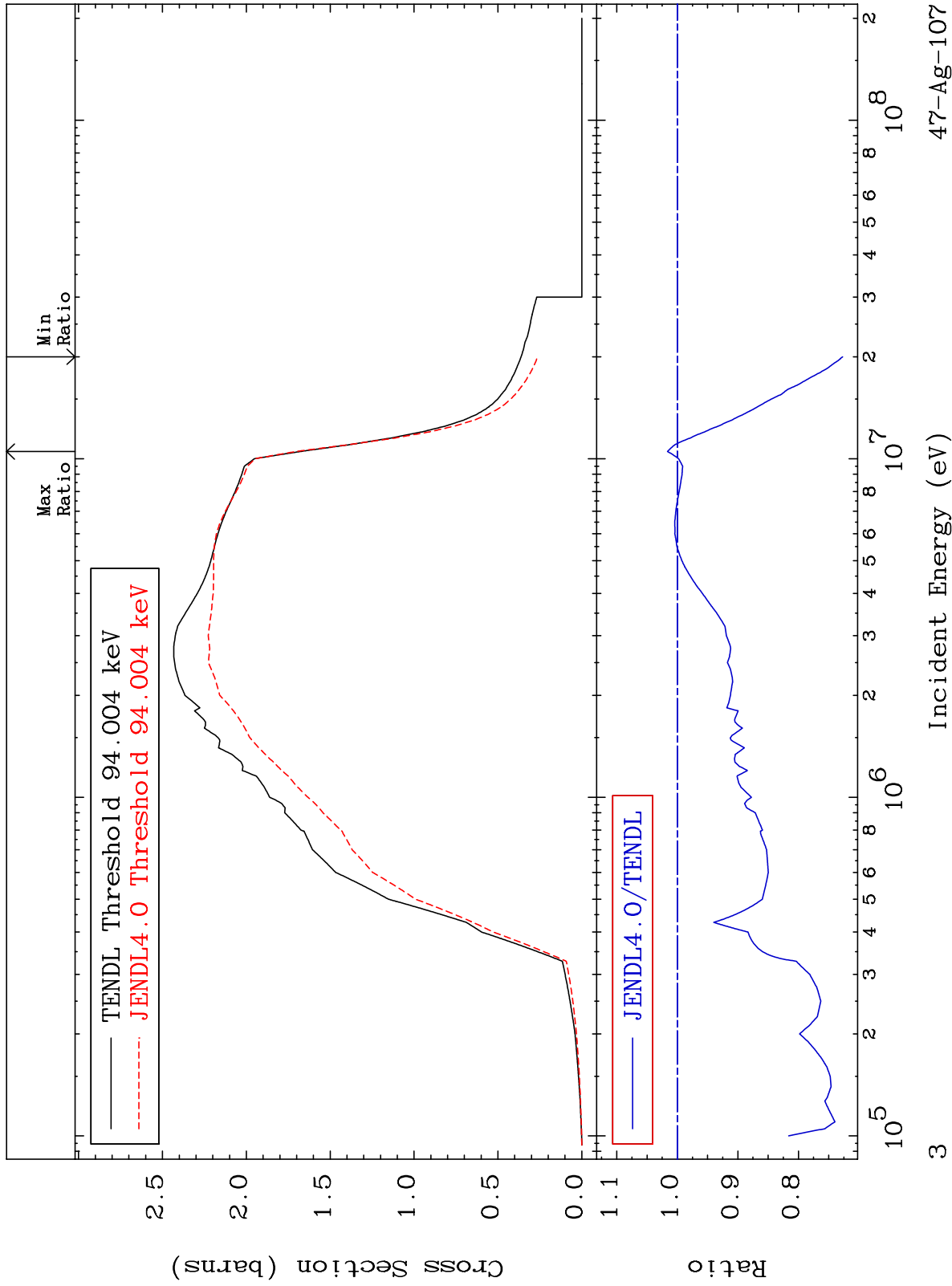
Incident Energy (eV)

47-Ag-107

MAT 4725

Inelastic
Cross Section

47-Ag-107
-27.31 To 1.614 %



47-Ag-107

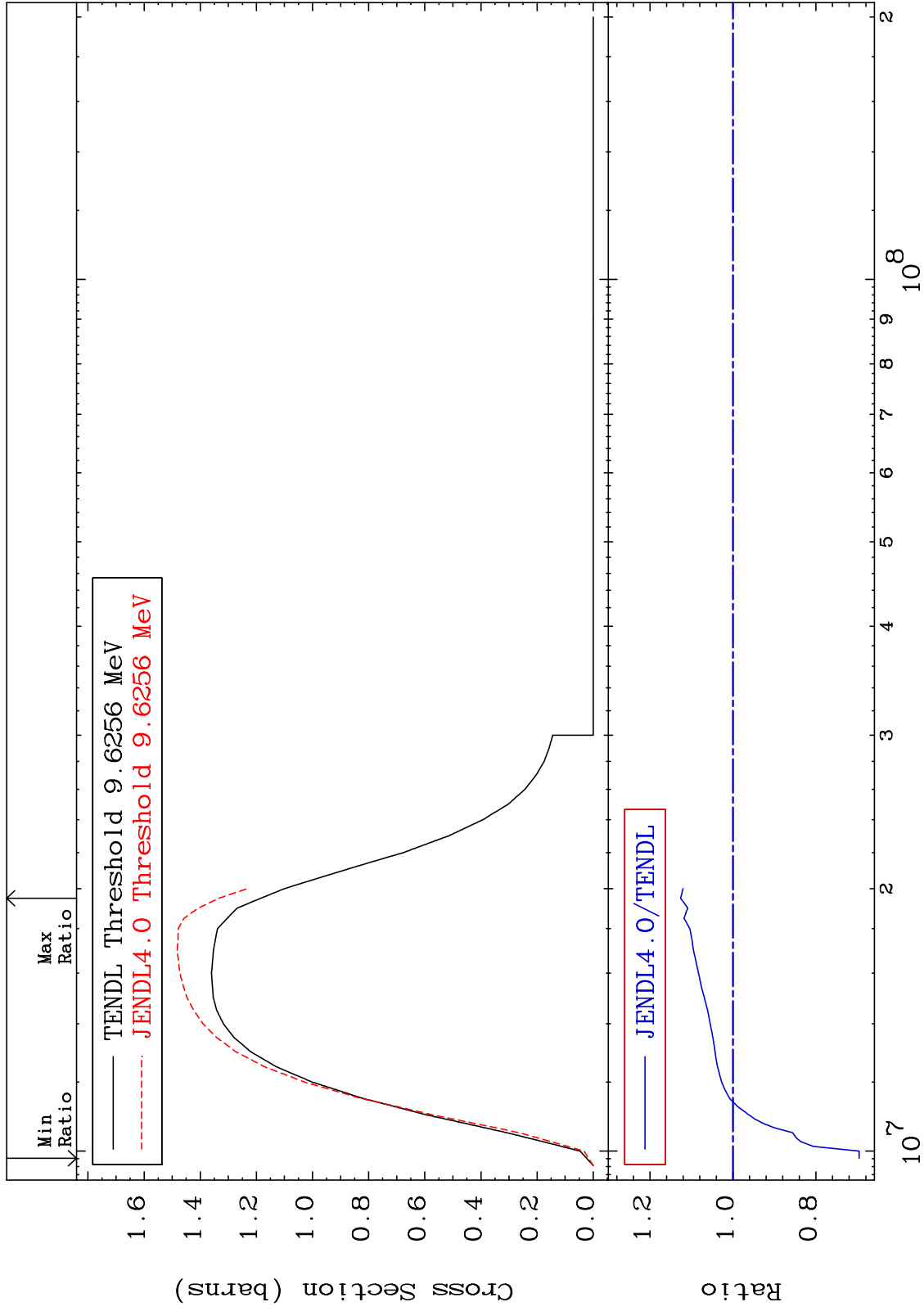
MAT 4725

(n,2n)

47-Ag-107

Cross Section

-30.41 To 12.63 %



47-Ag-107

47-Ag-107

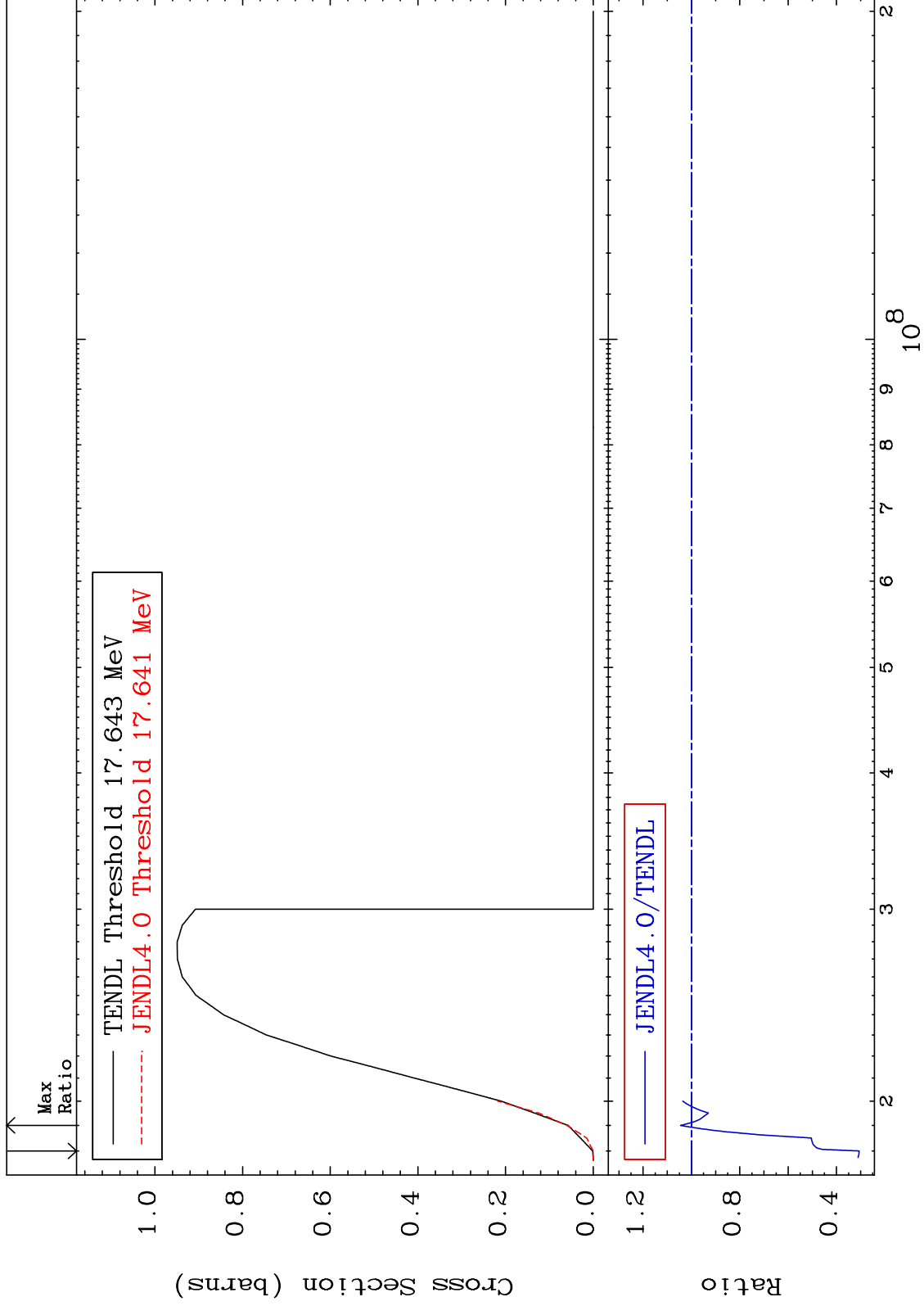
MAT 4725

(n, 3n)

47-Ag-107

Cross Section

-69.38 To 4.483 %



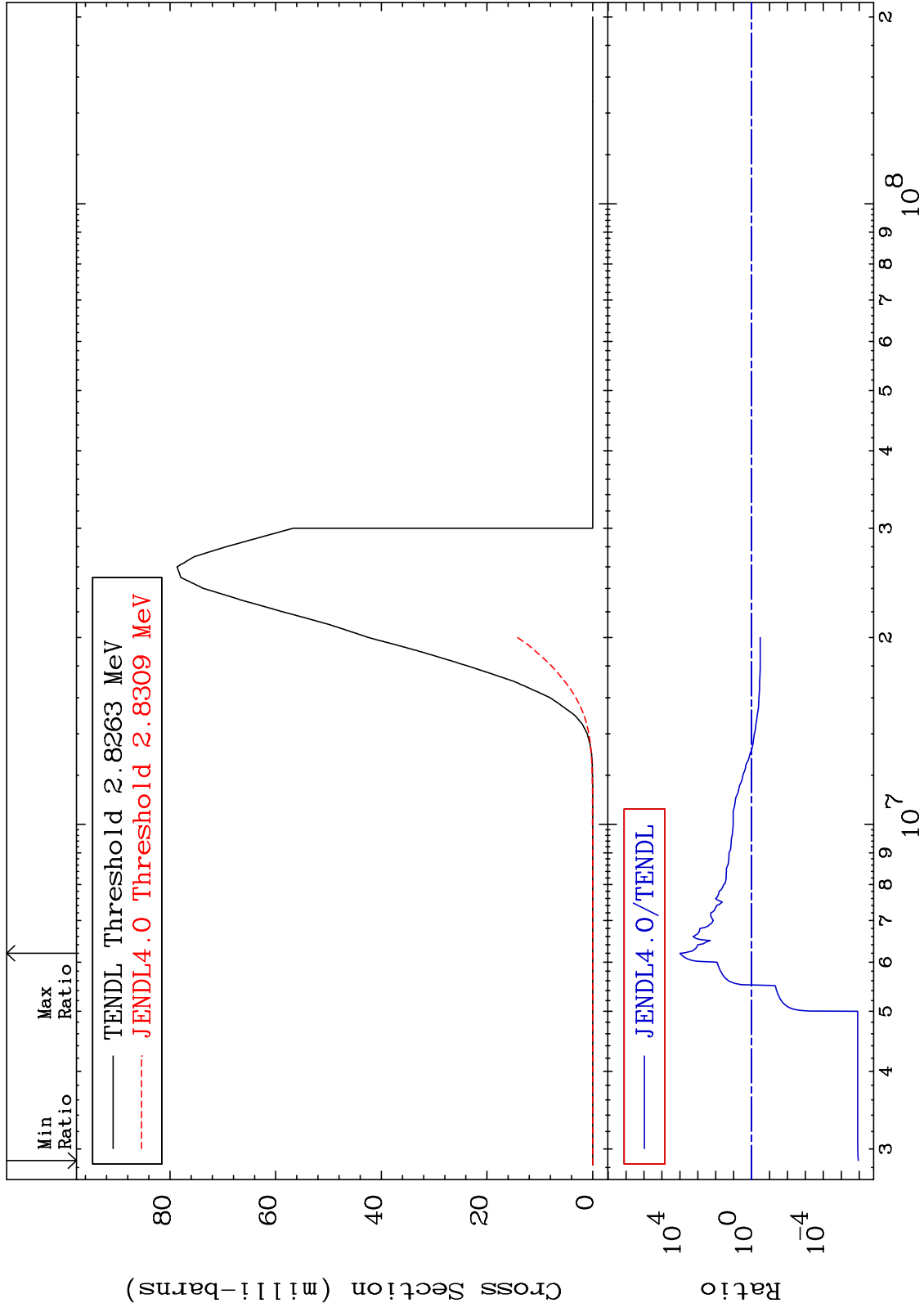
MAT 4725

(n, n') α

47-Ag-107

Cross Section

-100.0 To 9999. %



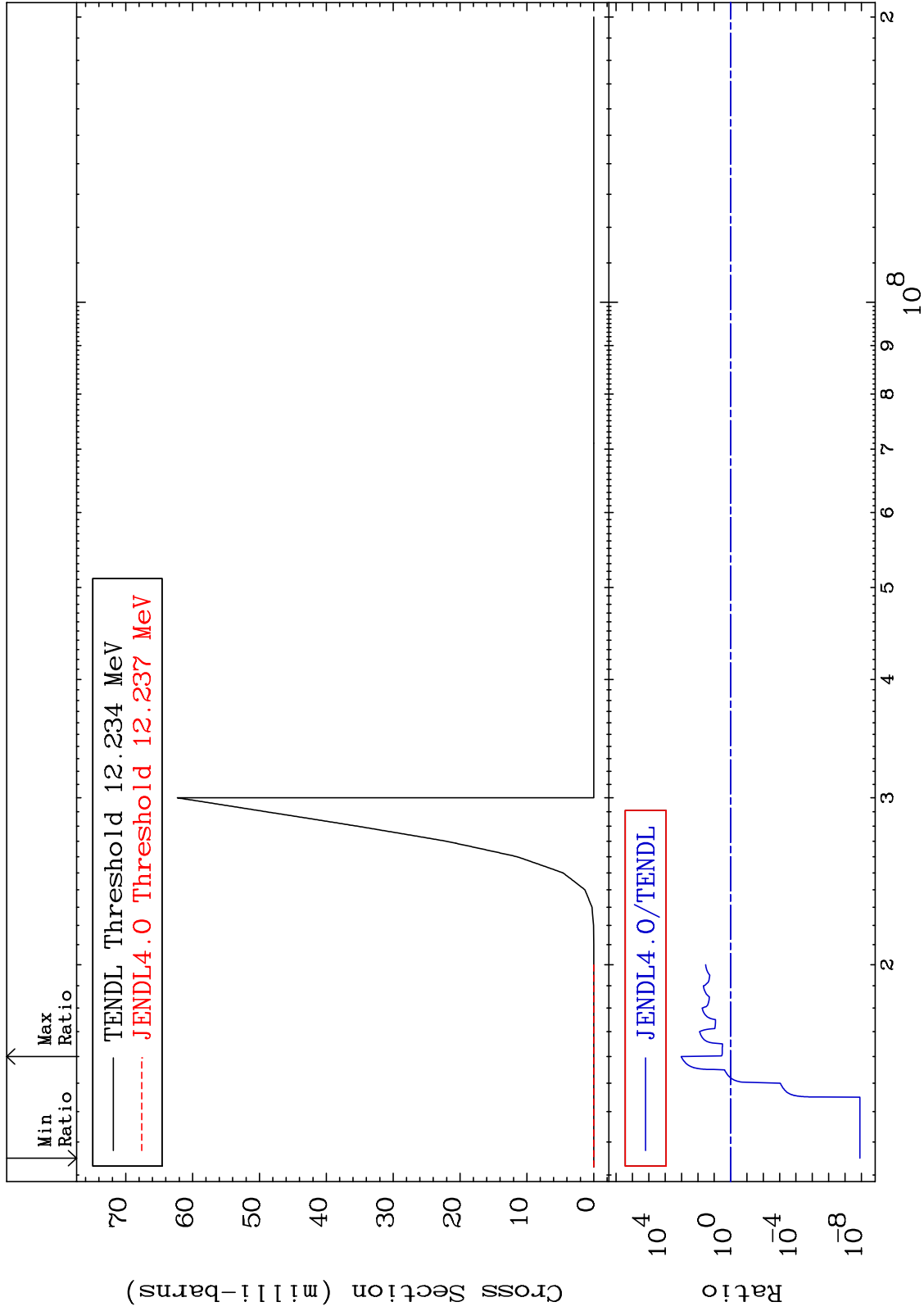
MAT 4725

(n,2n) α

47-Ag-107

Cross Section

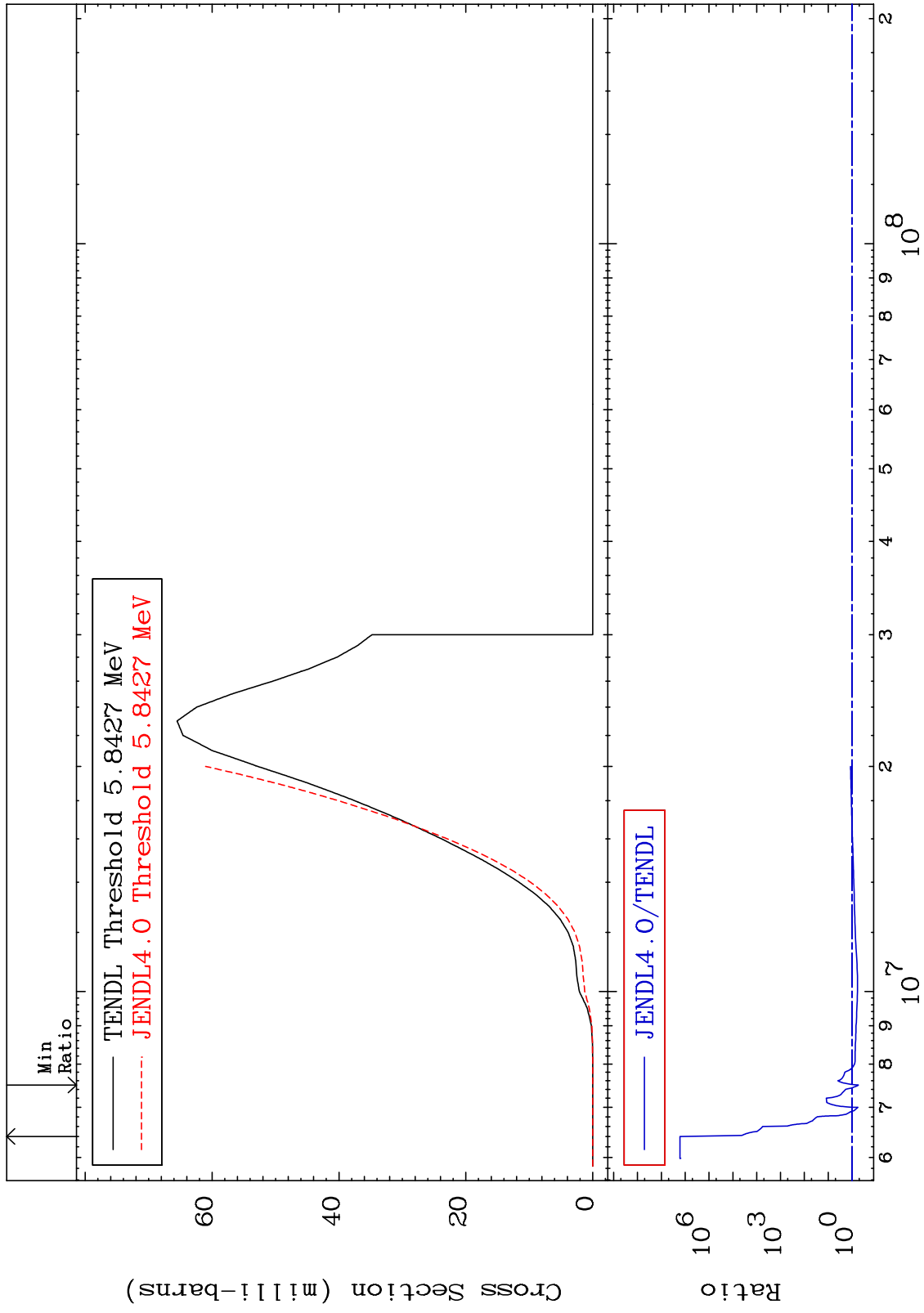
-100.0 To 9999. %



MAT 4725

(n,n') p
Cross Section

47-Ag-107
-46.02 To 9999. %



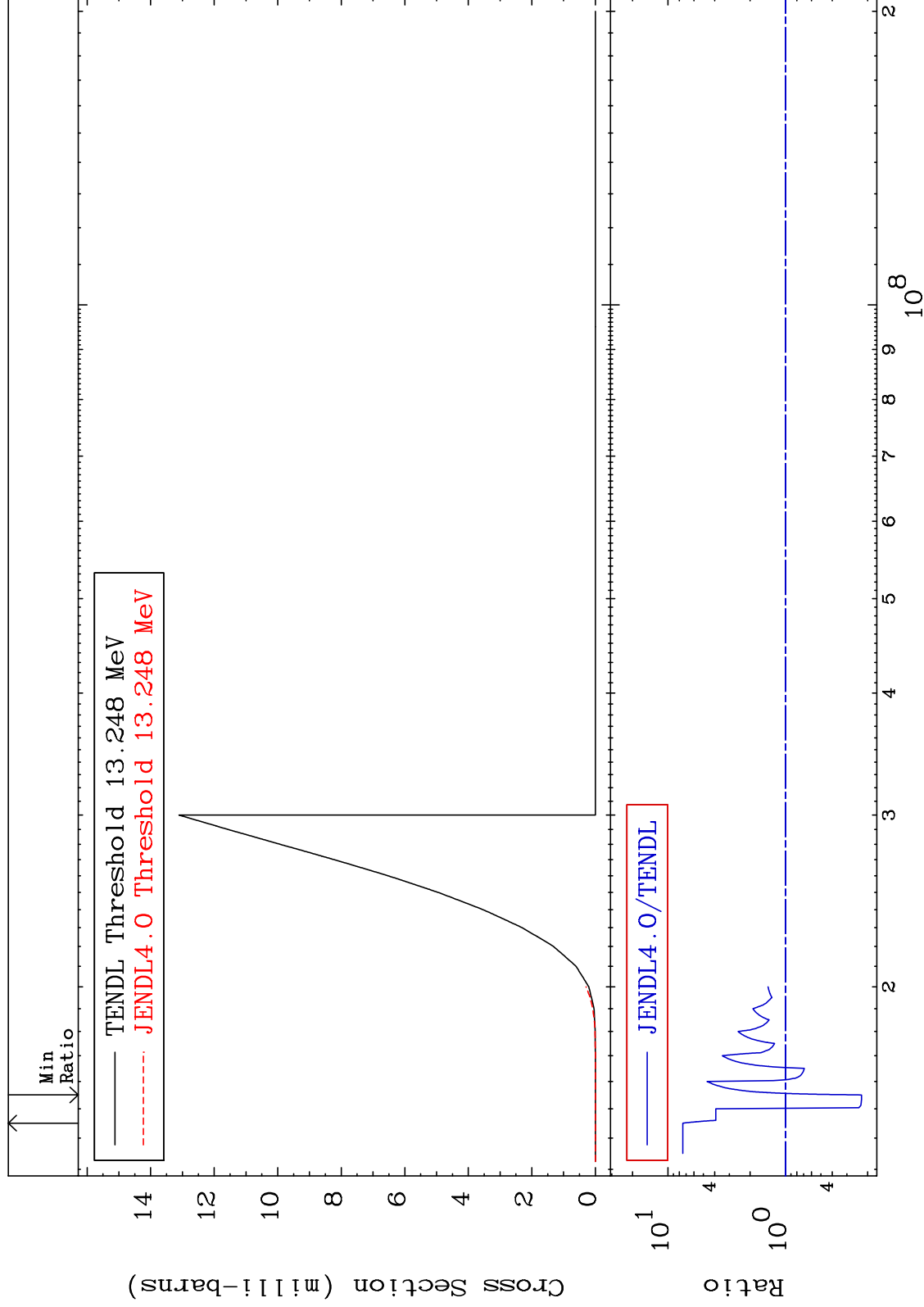
MAT 4725

(n, n') d

47-Ag-107

Cross Section

-77.47 To 646.9 %



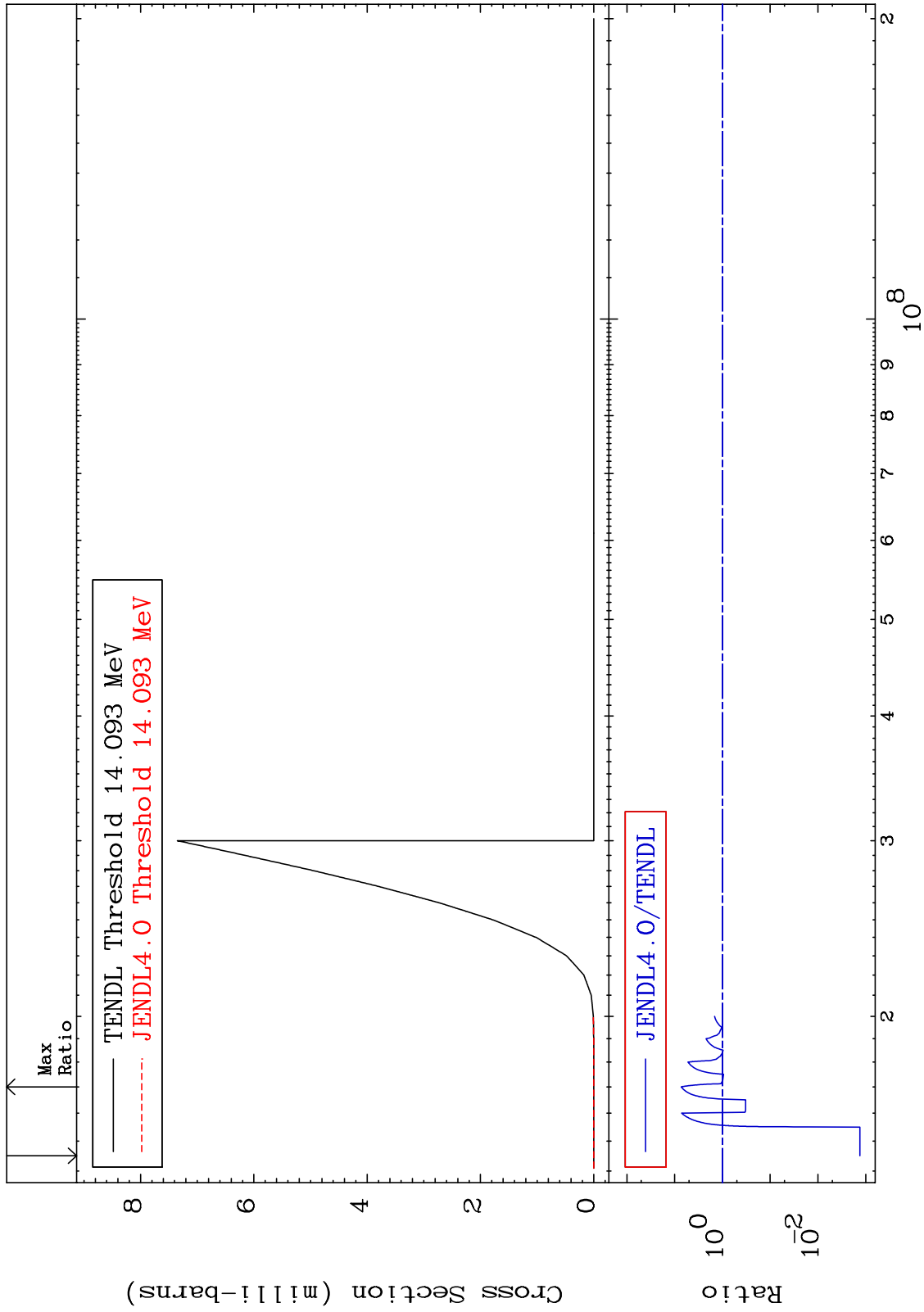
MAT 4725

(n,n') t

47-Ag-107

Cross Section

-99.87 To 628.4 %



10

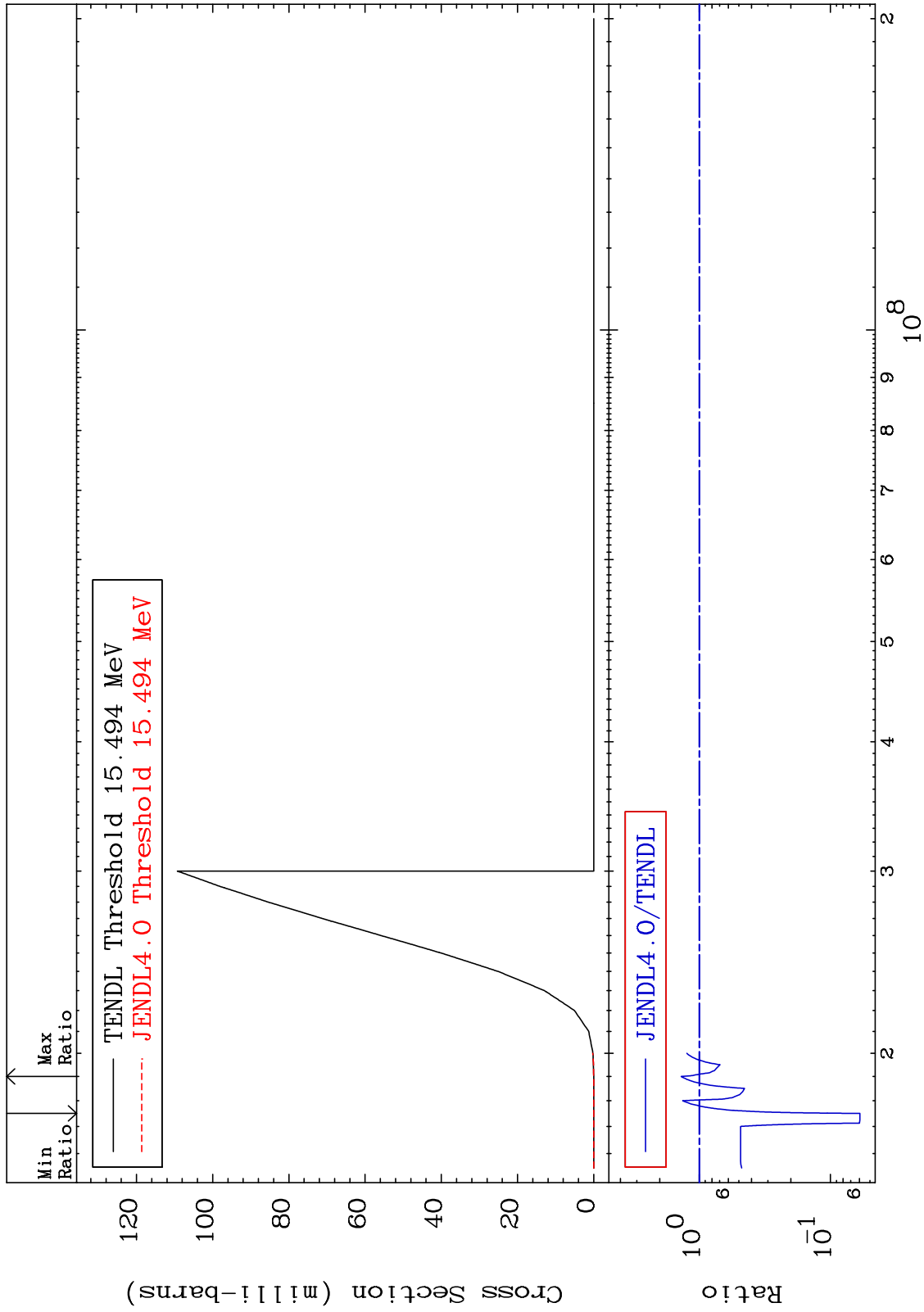
Incident Energy (eV)

47-Ag-107

MAT 4725

(n,2n) p
Cross Section

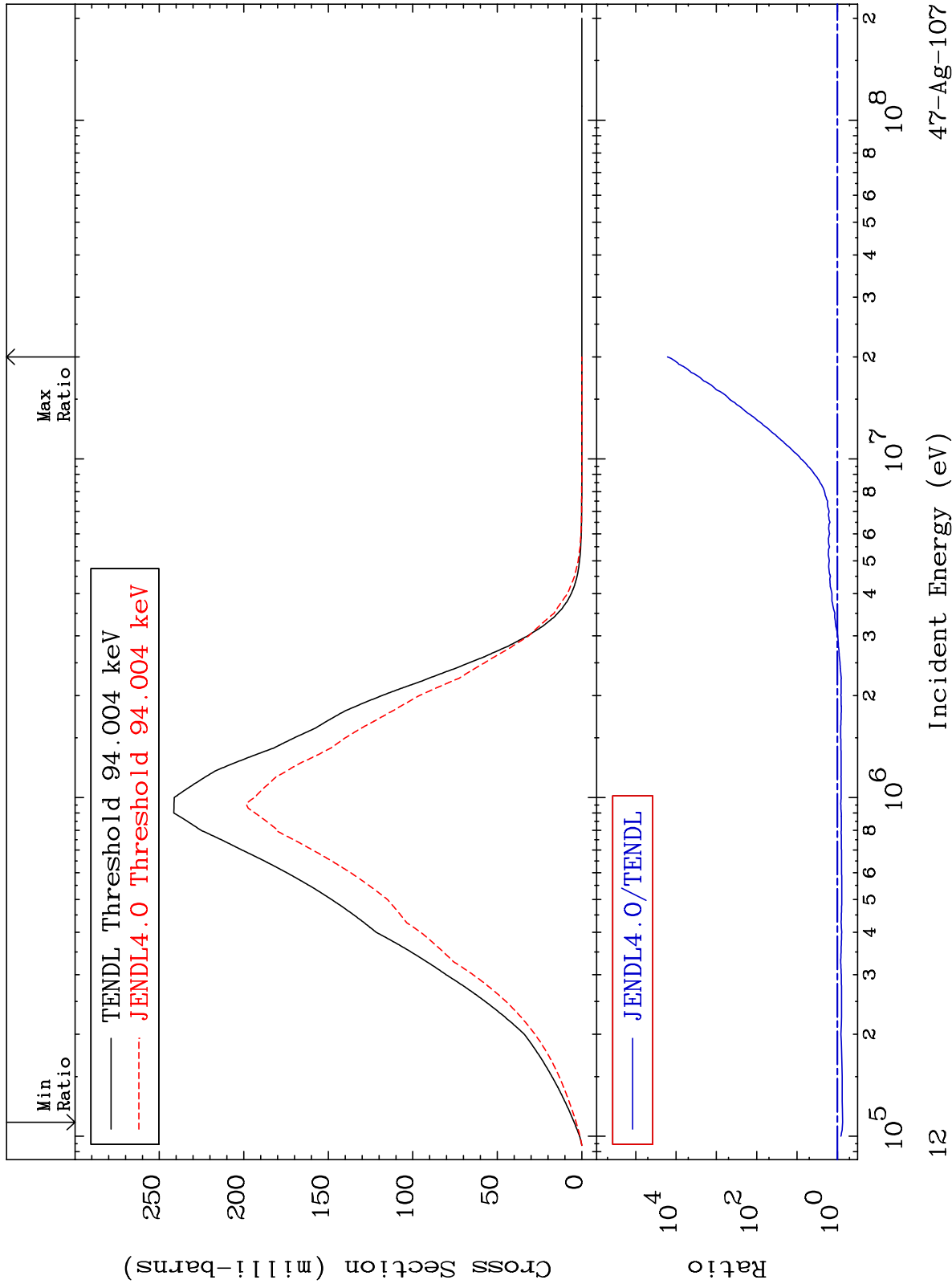
47-Ag-107
-94.05 To 37.36 %



MAT 4725

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

47-Ag-107
-26.07 To 9999. %

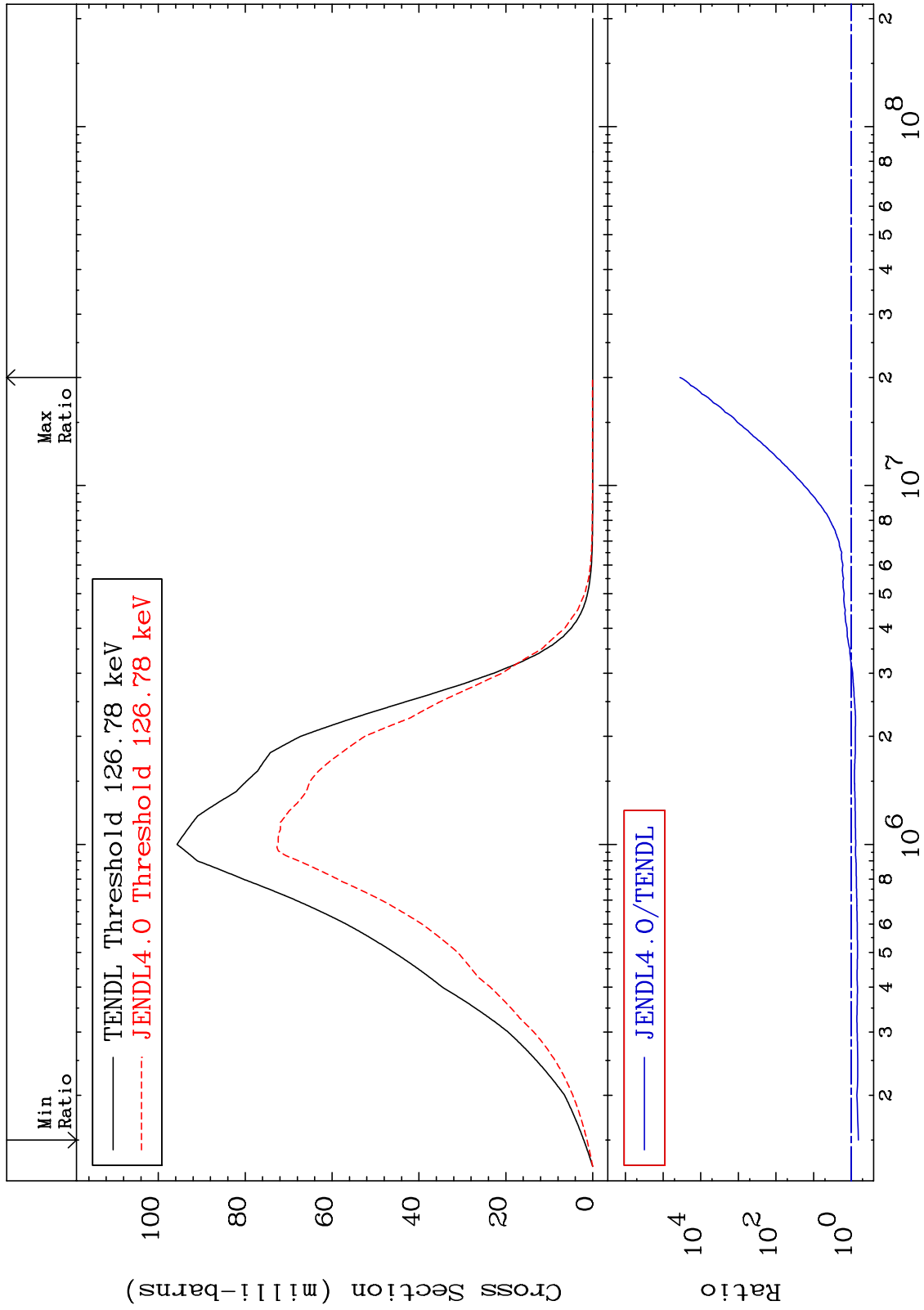


47-Ag-107

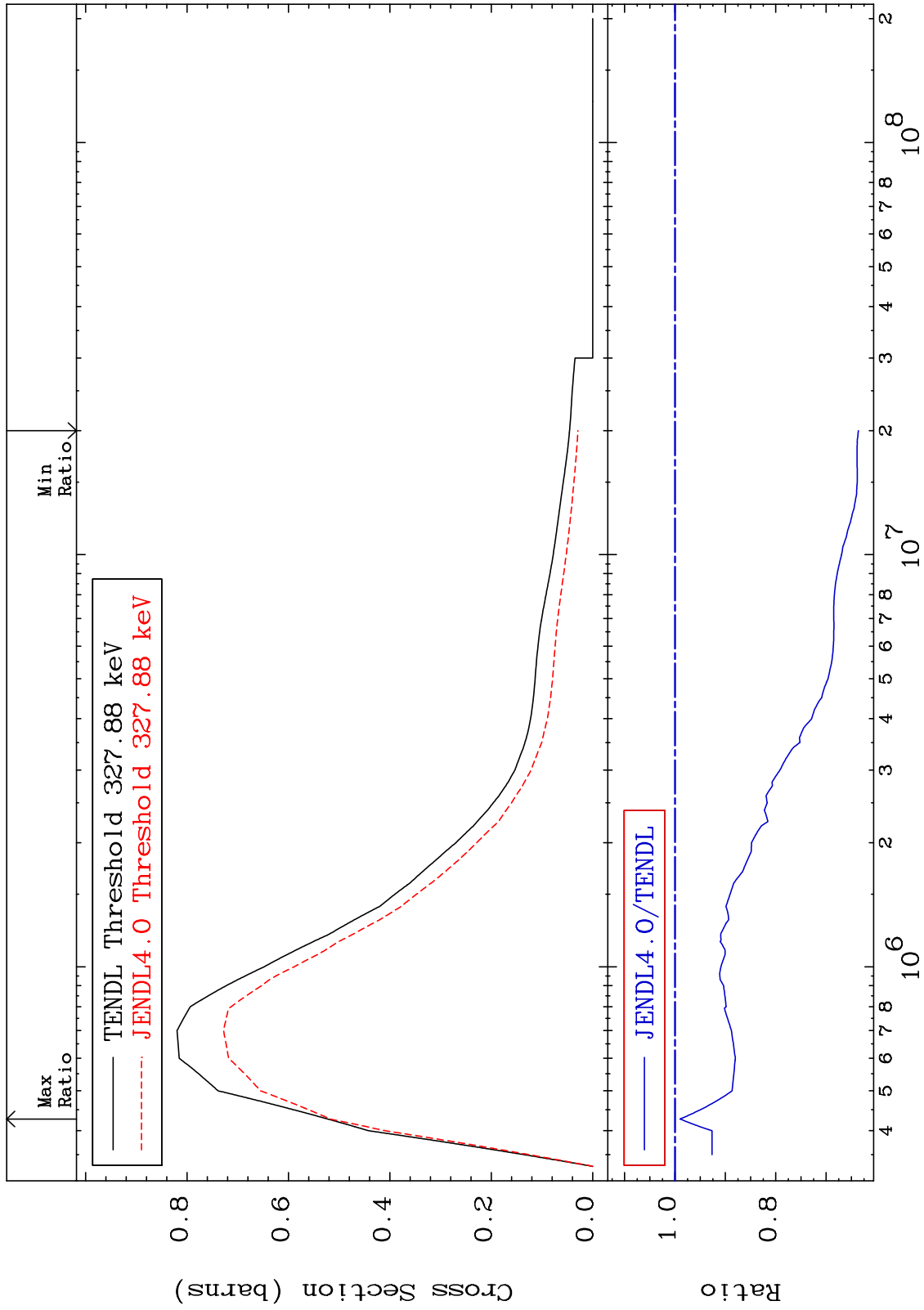
MAT 4725

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

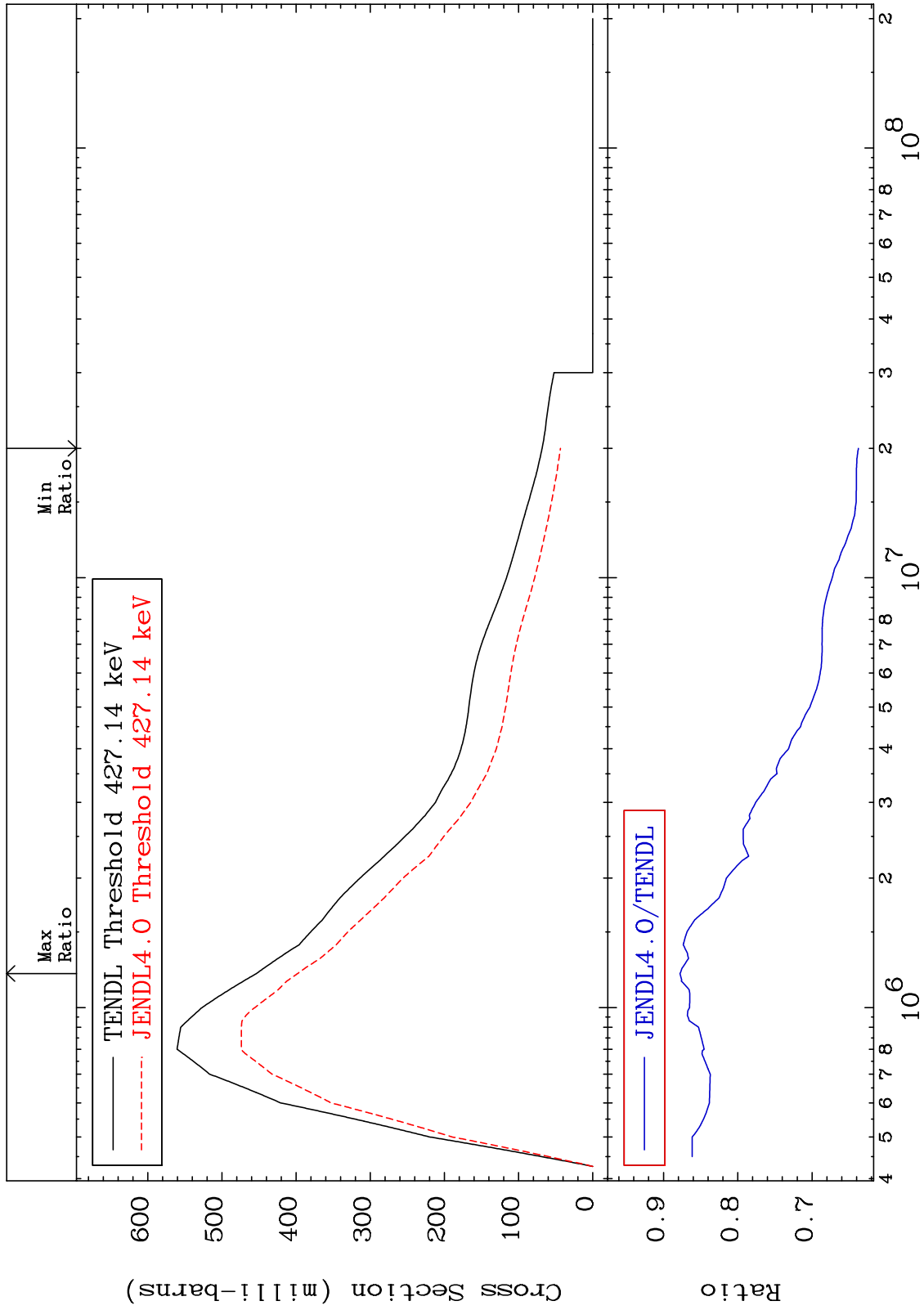
47-Ag-107
-35.68 To 9999. %



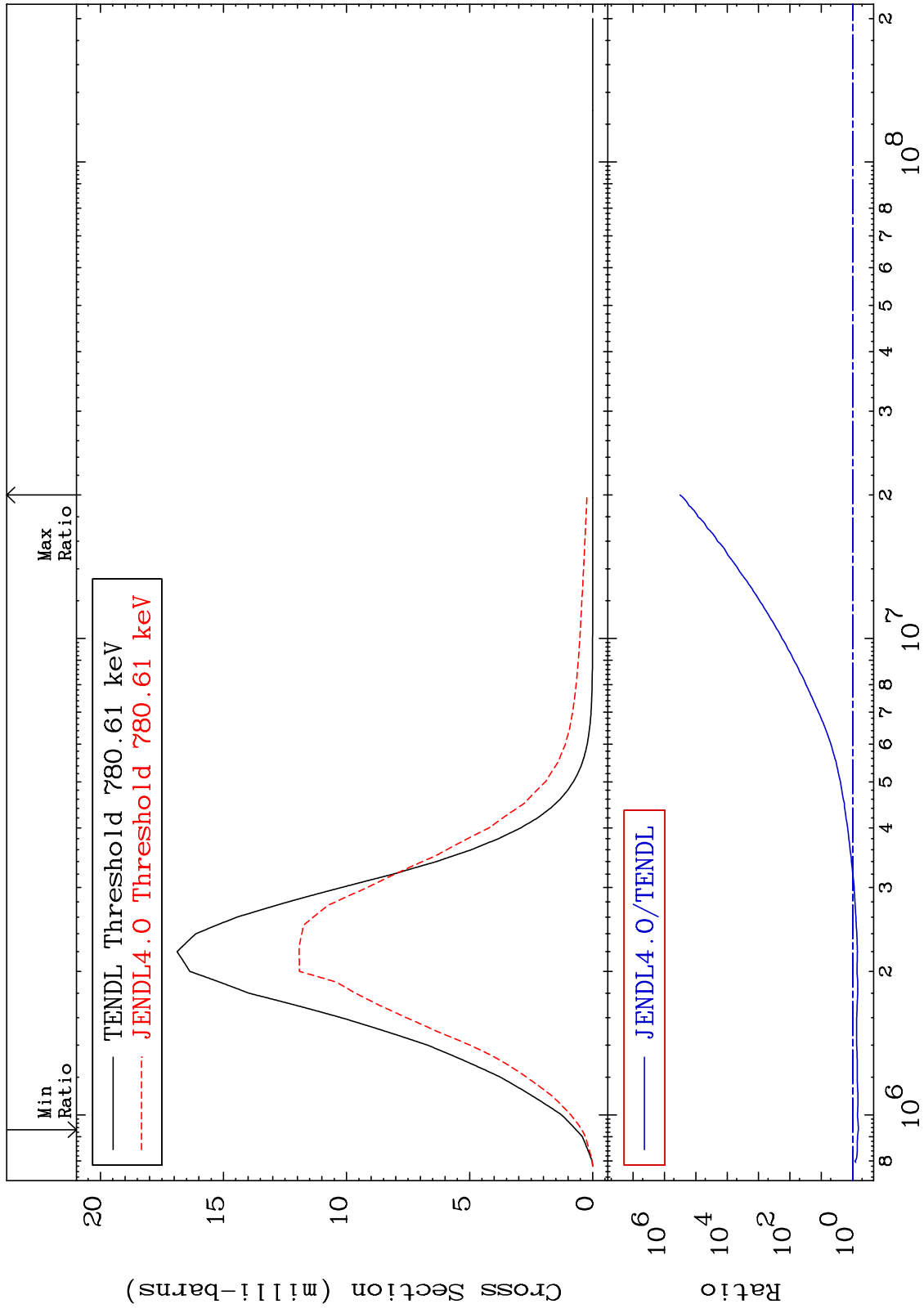
MAT 4725 MT= 53 (n,n') Level Cross Section 47-Ag-107 -36.40 To -0.990%



MAT 4725 MT= 54 (n,n') Level Cross Section 47-Ag-107 -36.24 To -12.22%



MAT 4725 MT= 55 (n,n') Level Cross Section 47-Ag-107 -34.50 To 9999. %

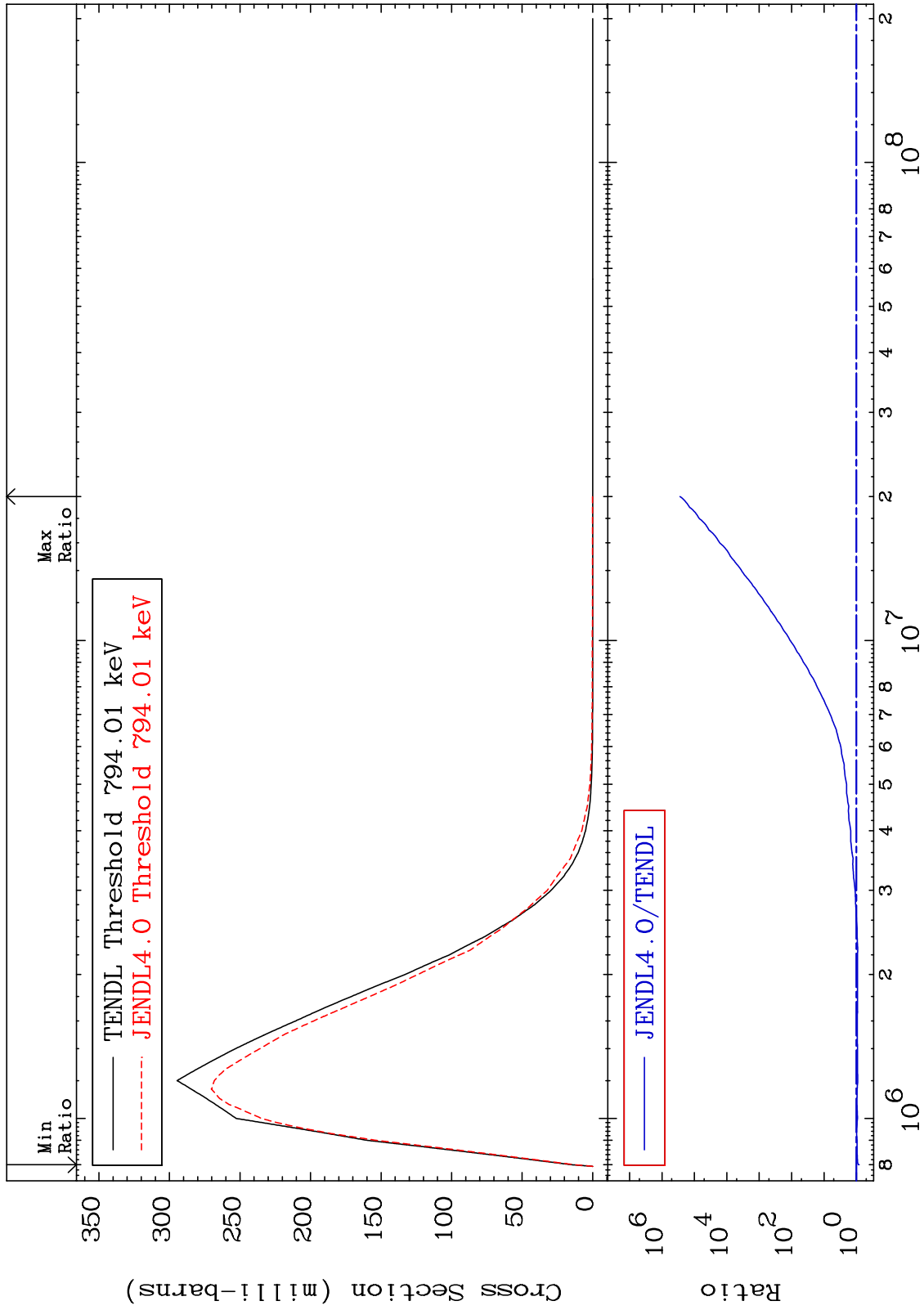


16 47-Ag-107

MAT 4725

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

47-Ag-107
-13.14 To 9999. %



17

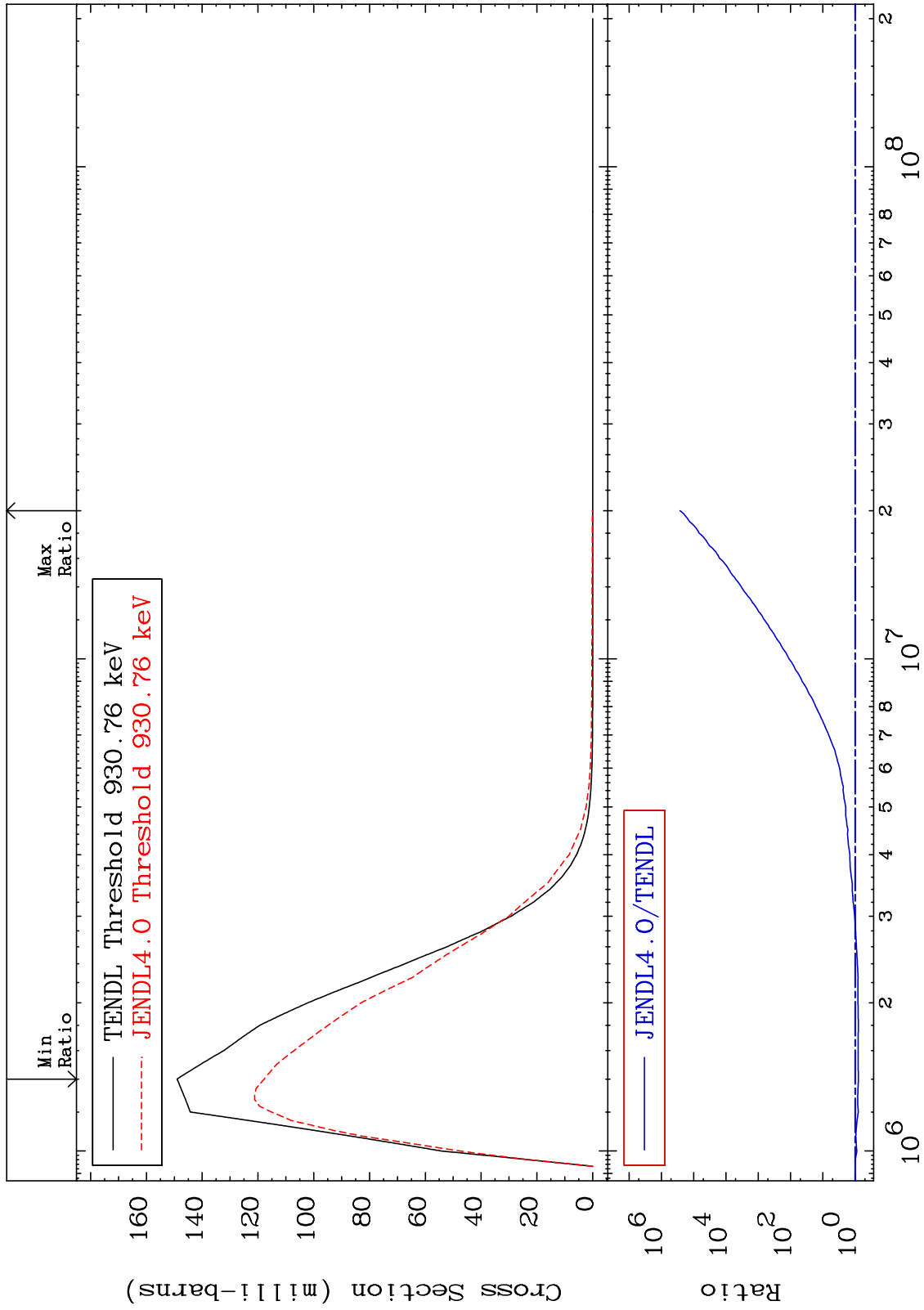
Incident Energy (eV)

47-Ag-107

MAT 4725

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

47-Ag-107
-20.97 To 9999. %



47-Ag-107

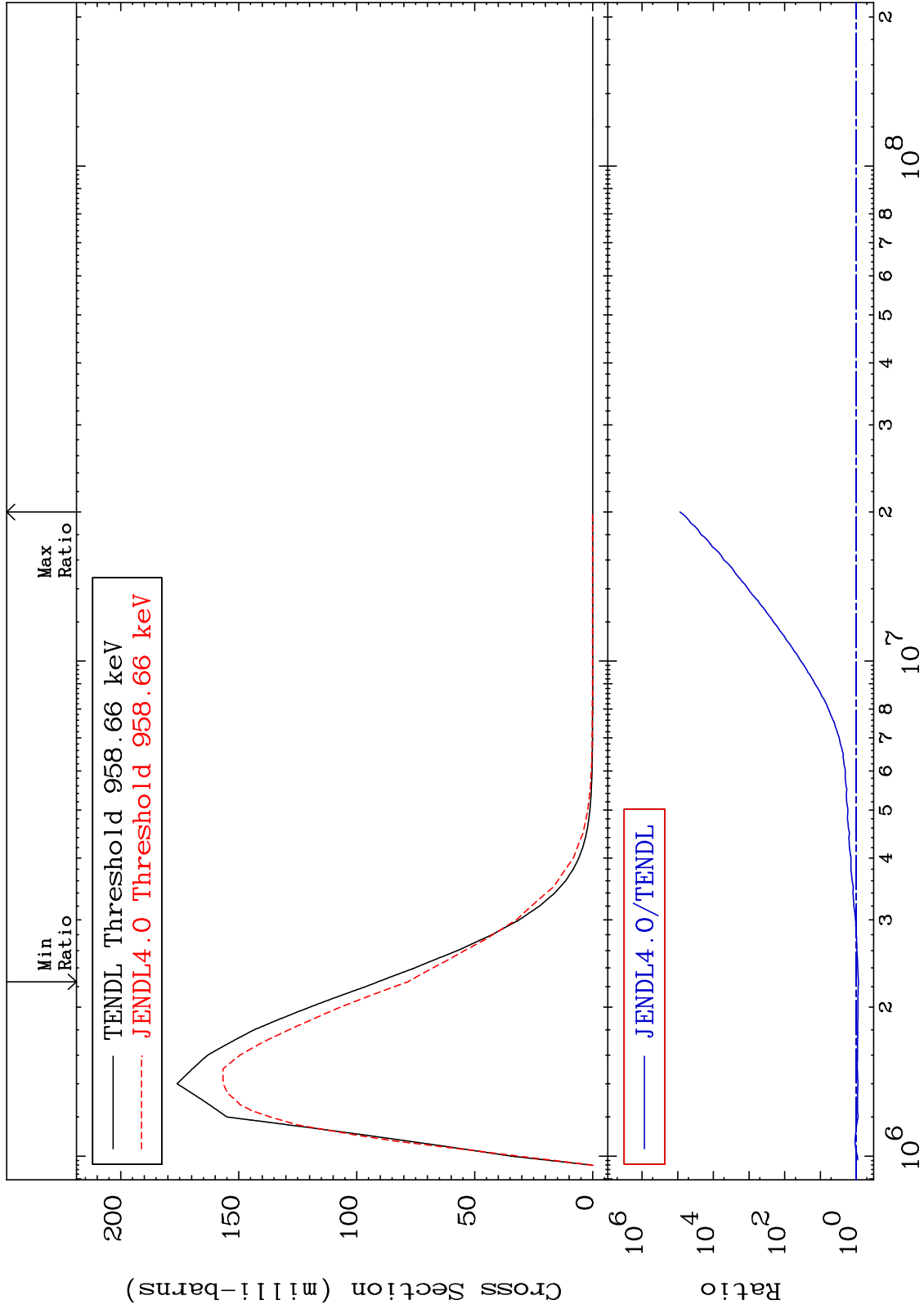
Incident Energy (eV)

18

MAT 4725

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

47-Ag-107
-13.92 To 9999. %



Incident Energy (eV)

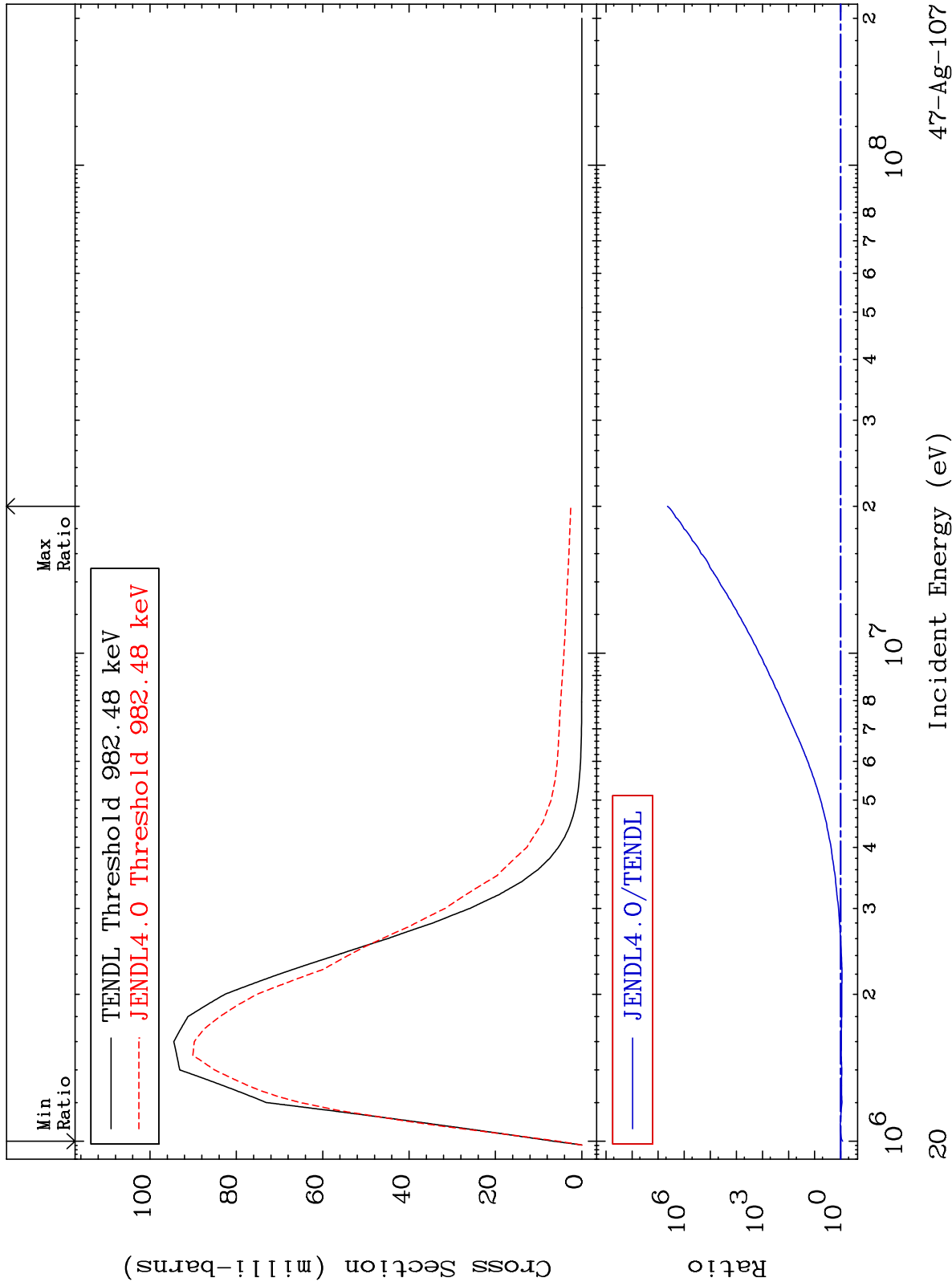
47-Ag-107

19

MAT 4725

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

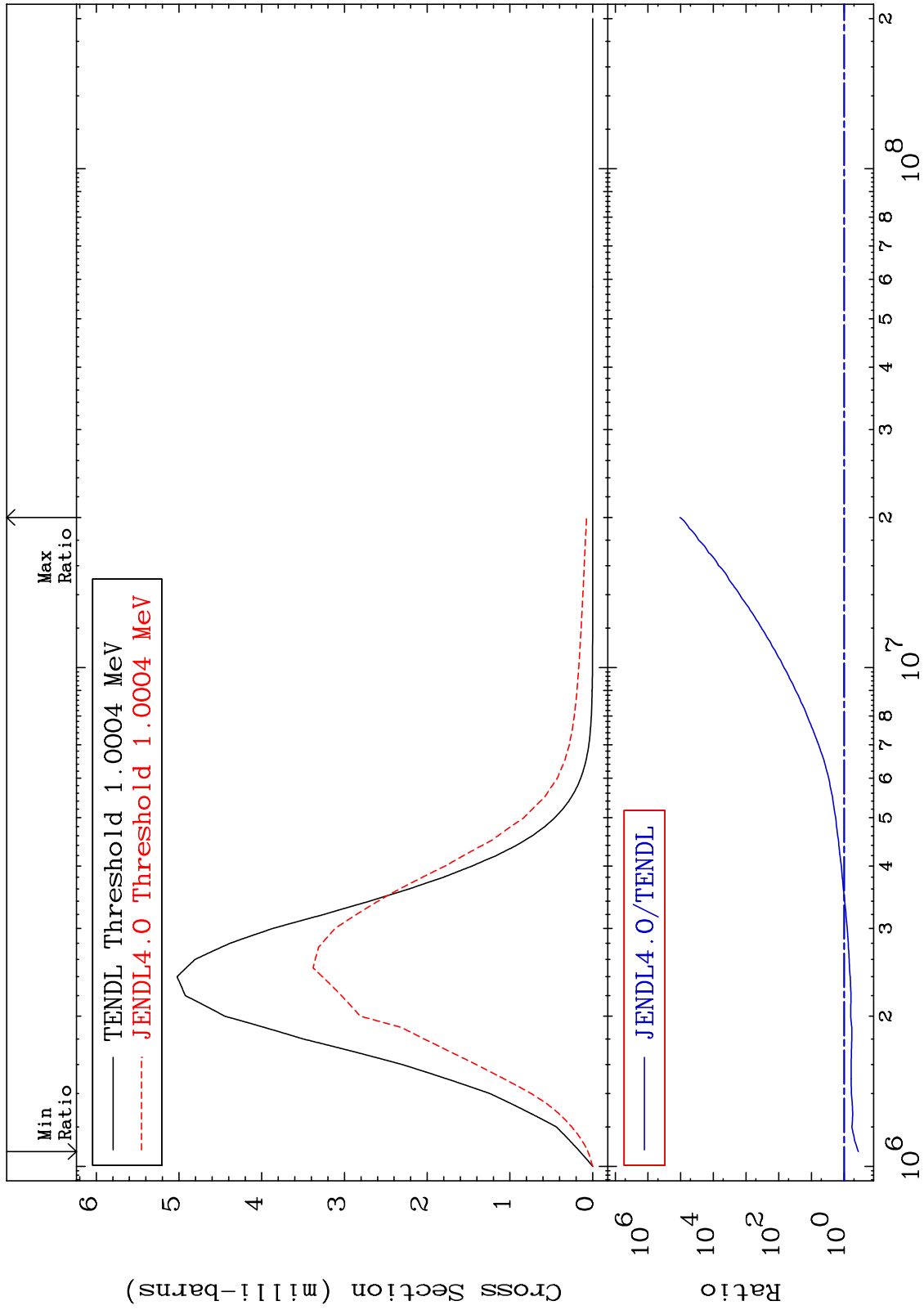
47-Ag-107
-15.70 To 9999. %



MAT 4725

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

47-Ag-107
-63.47 To 9999. %

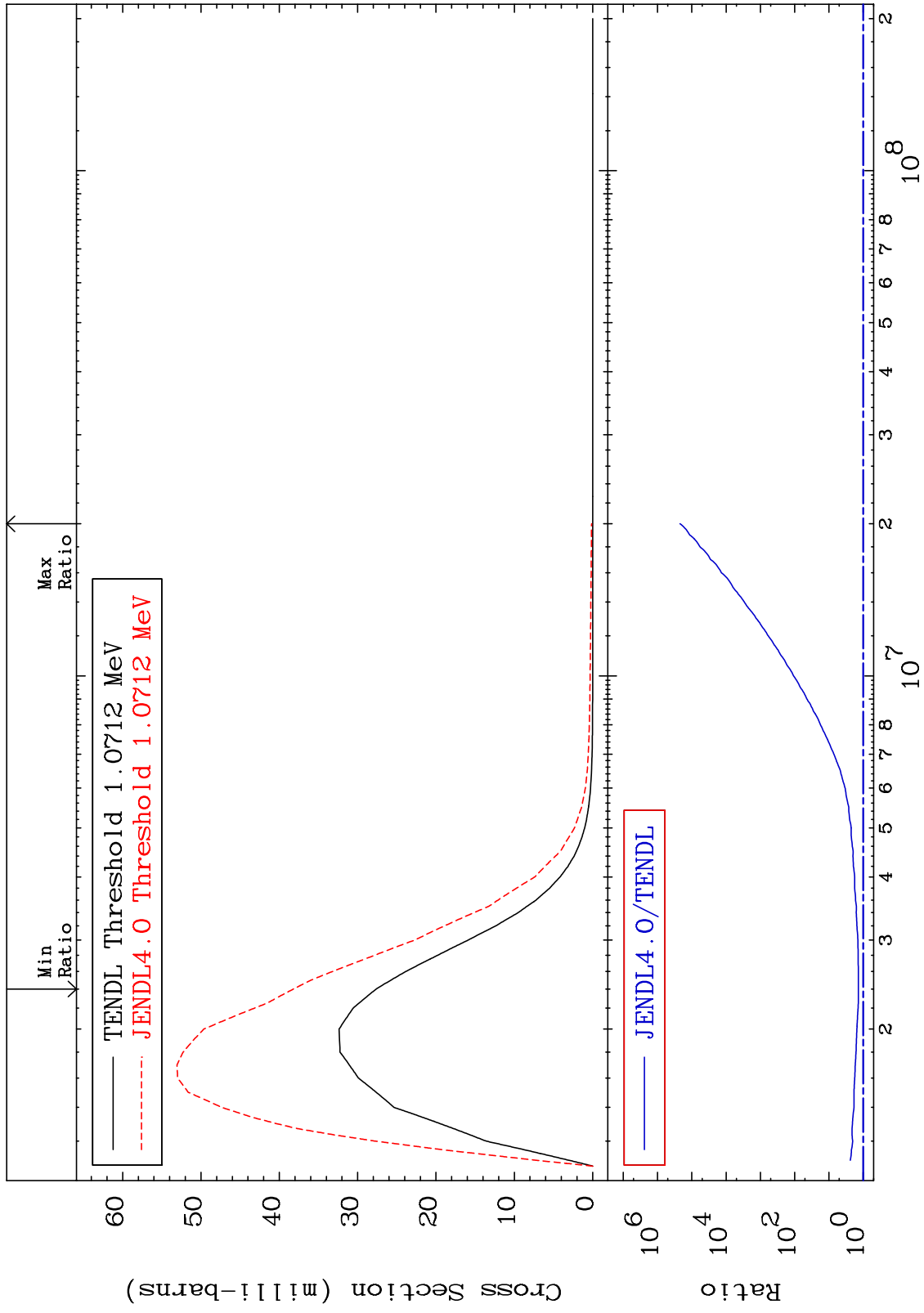


21

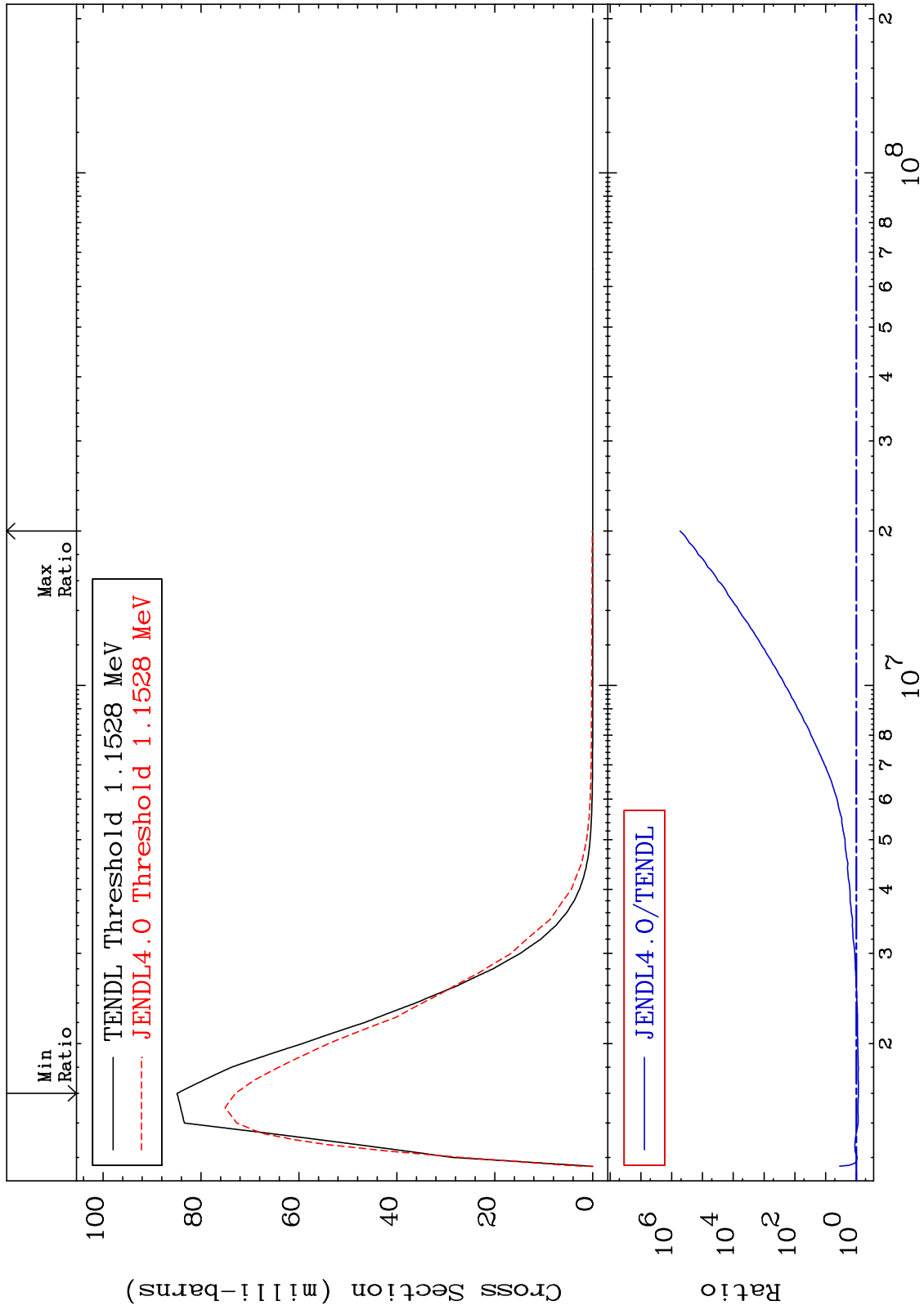
Incident Energy (eV)

47-Ag-107

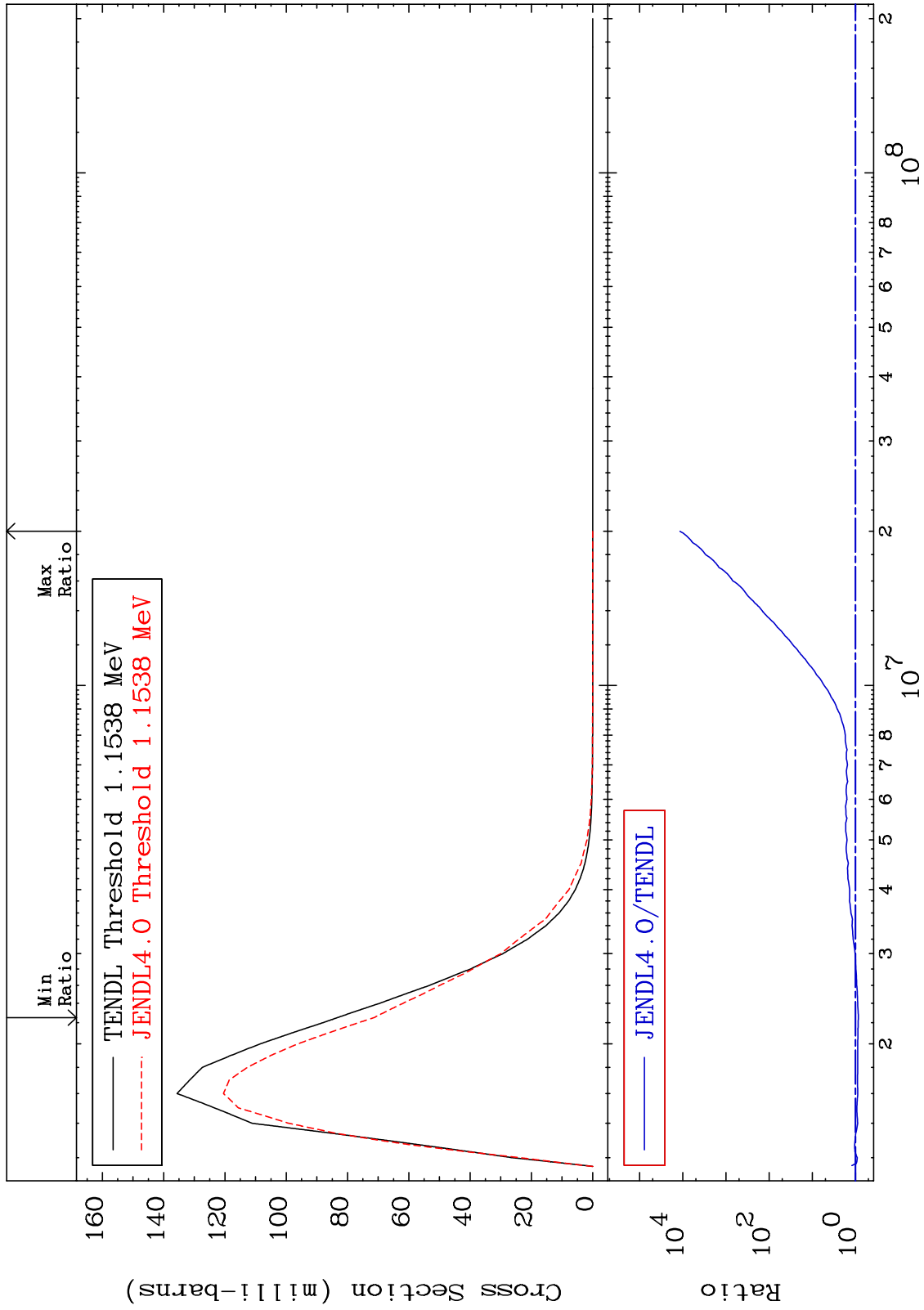
MAT 4725 MT= 61 (n,n') Level Cross Section 47-Ag-107 38.17 To 9999. %



MAT 4725 MT= 62 (n, n') Level Cross Section -14.05 To 9999. % 47-Ag-107



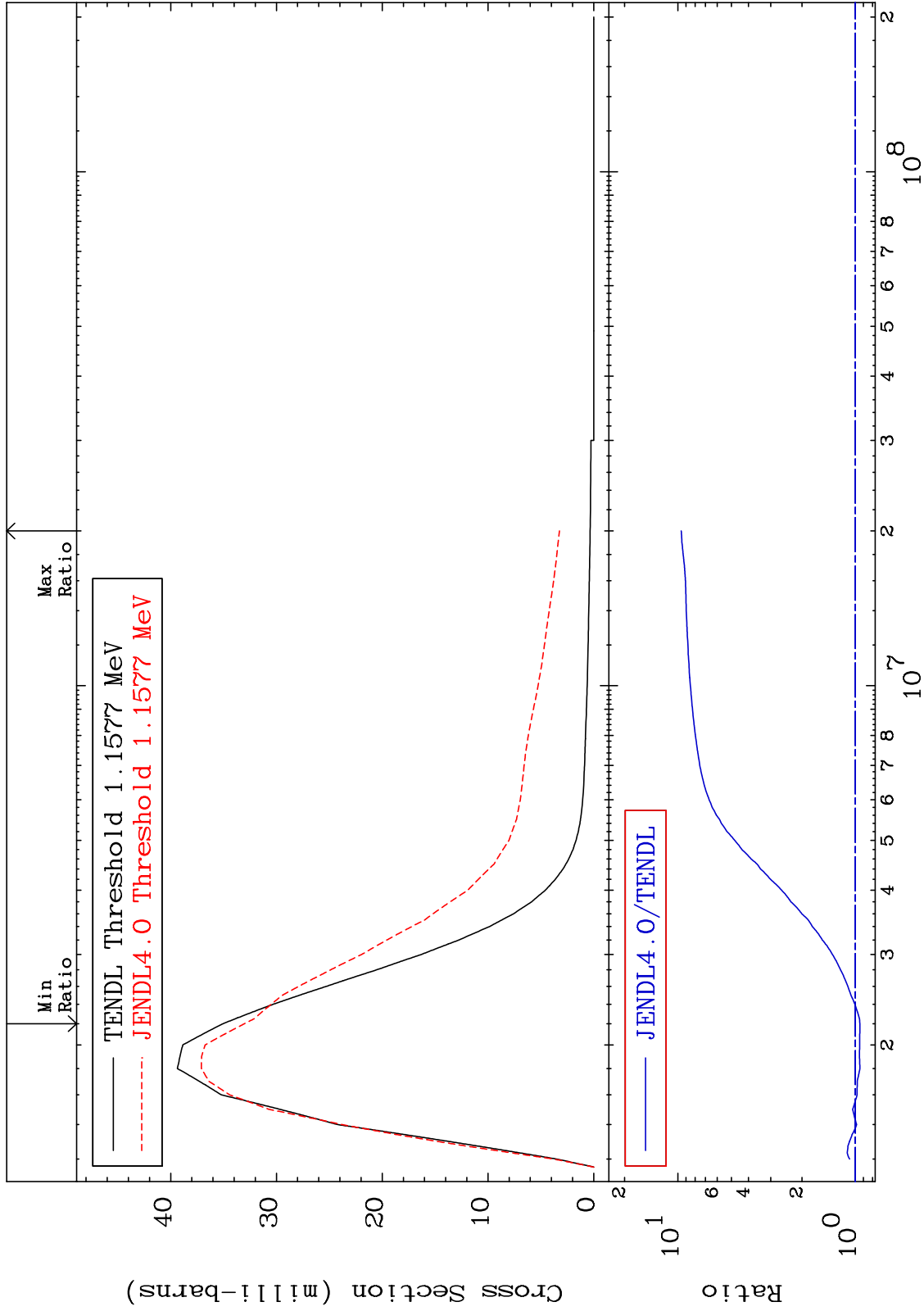
MAT 4725 MT= 63 (n, n') Level Cross Section -14.33 To 9999. % 47-Ag-107



MAT 4725

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

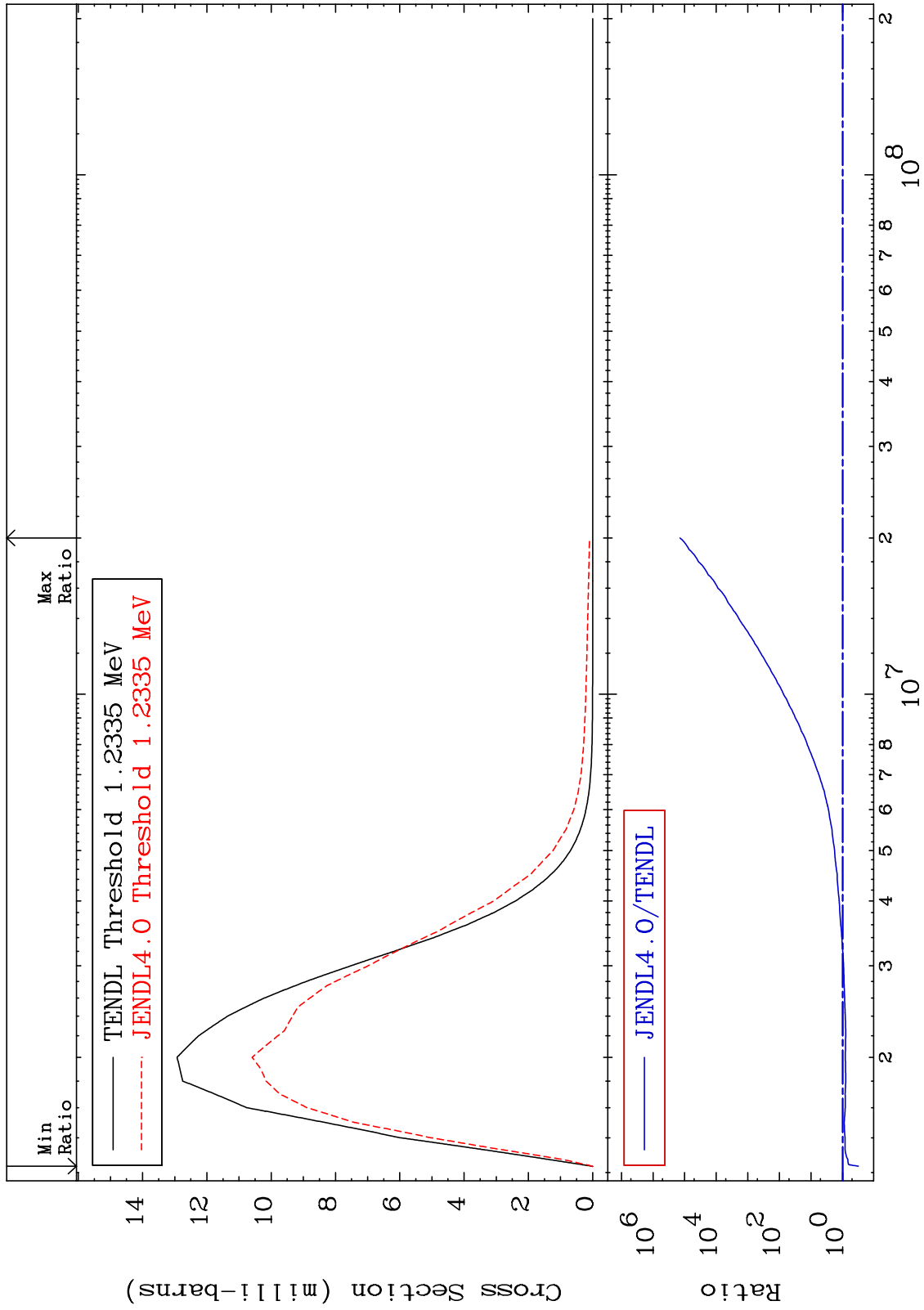
47-Ag-107
-5.792 To 857.9 %



MAT 4725

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

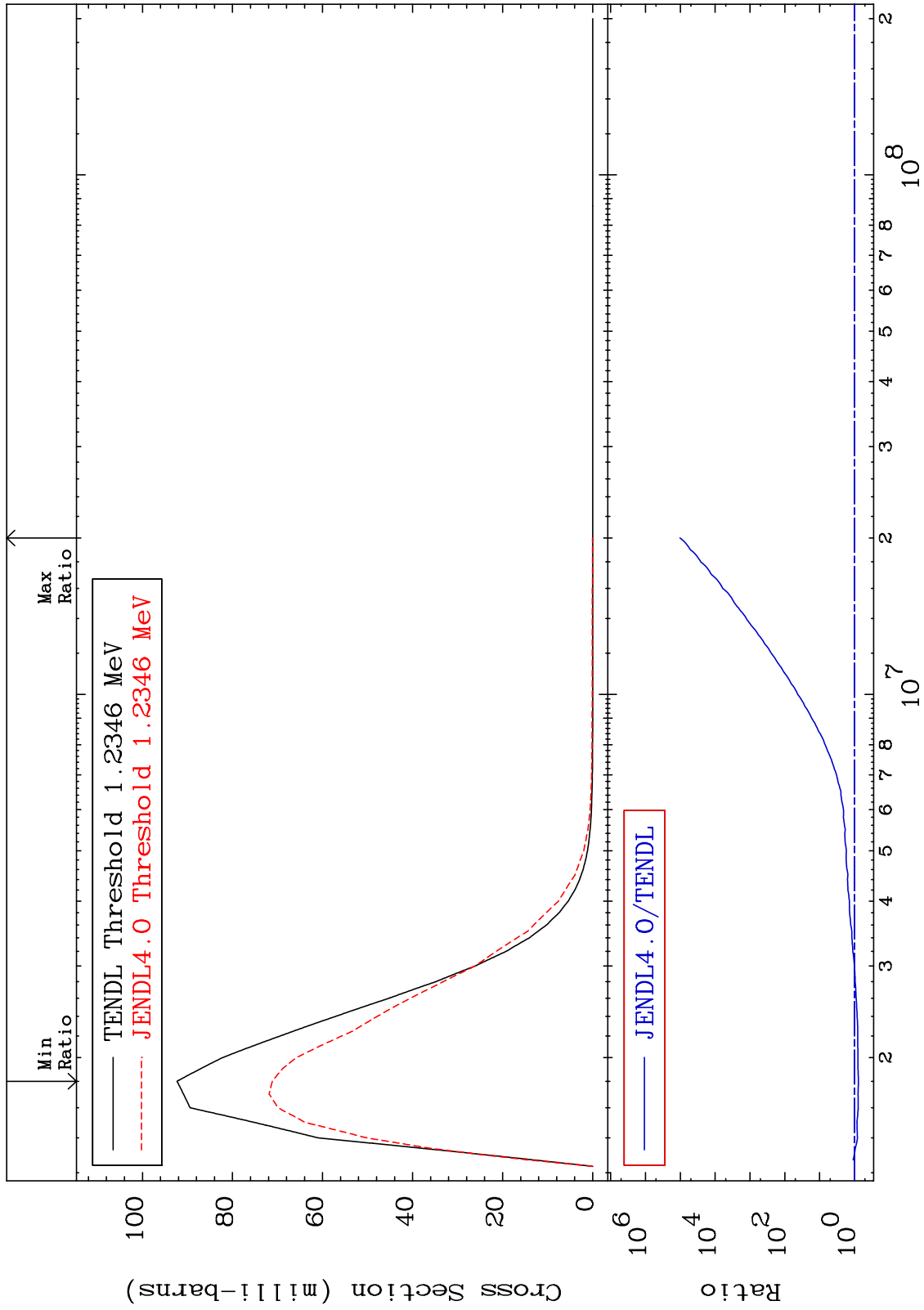
47-Ag-107
-68.47 To 9999. %



MAT 4725

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

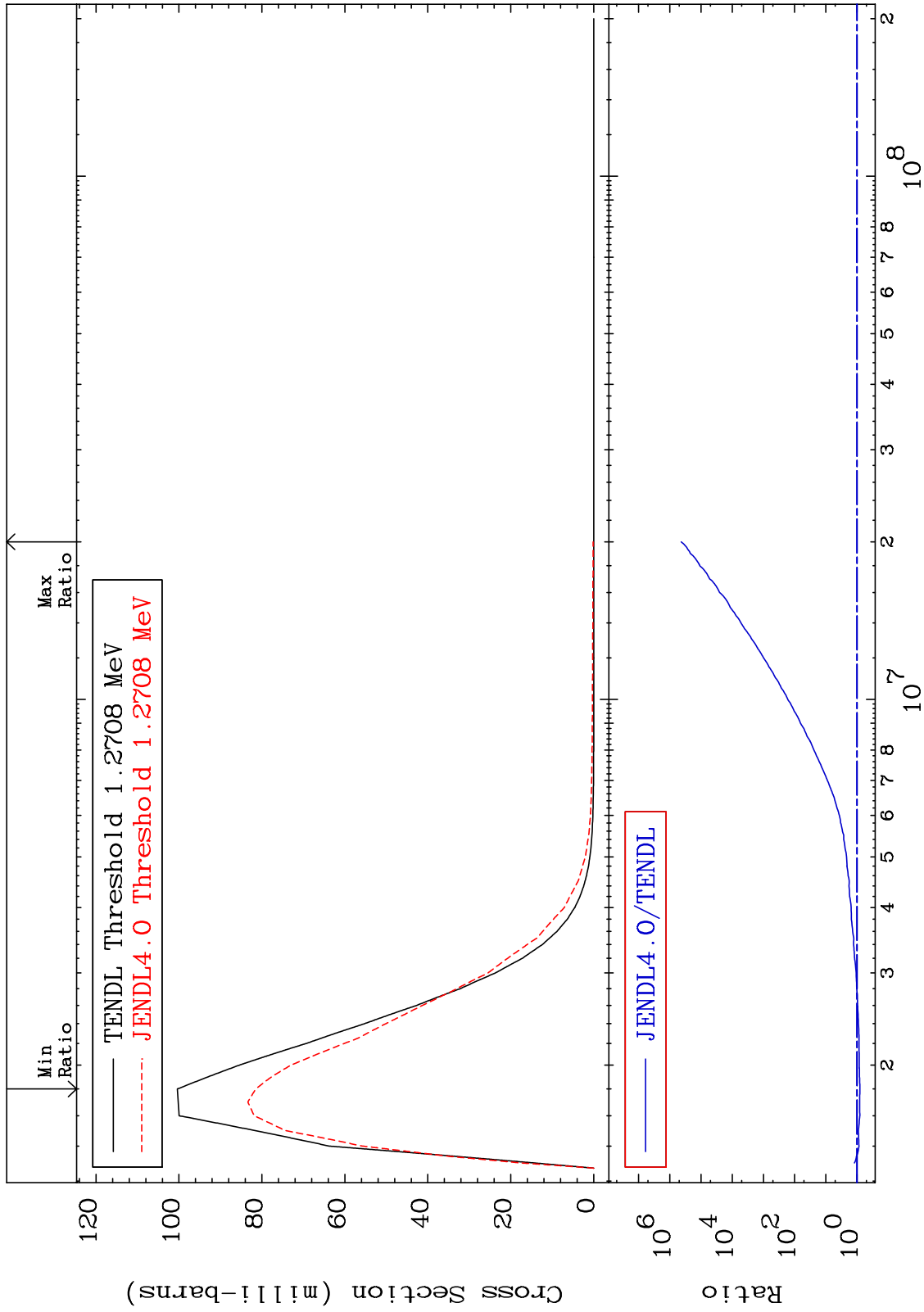
47-Ag-107
-22.90 To 9999. %



MAT 4725

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

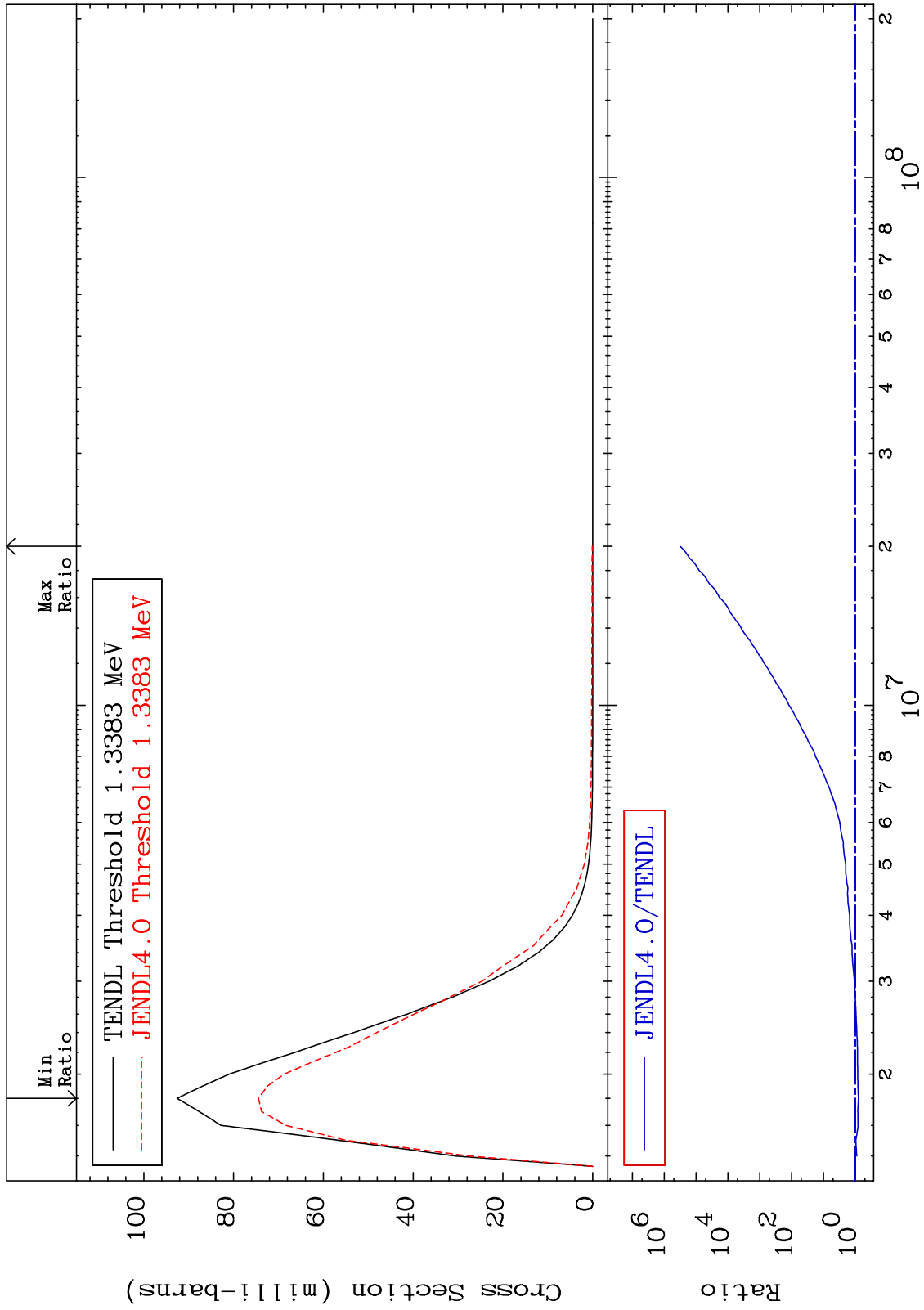
47-Ag-107
-18.82 To 9999. %



MAT 4725

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

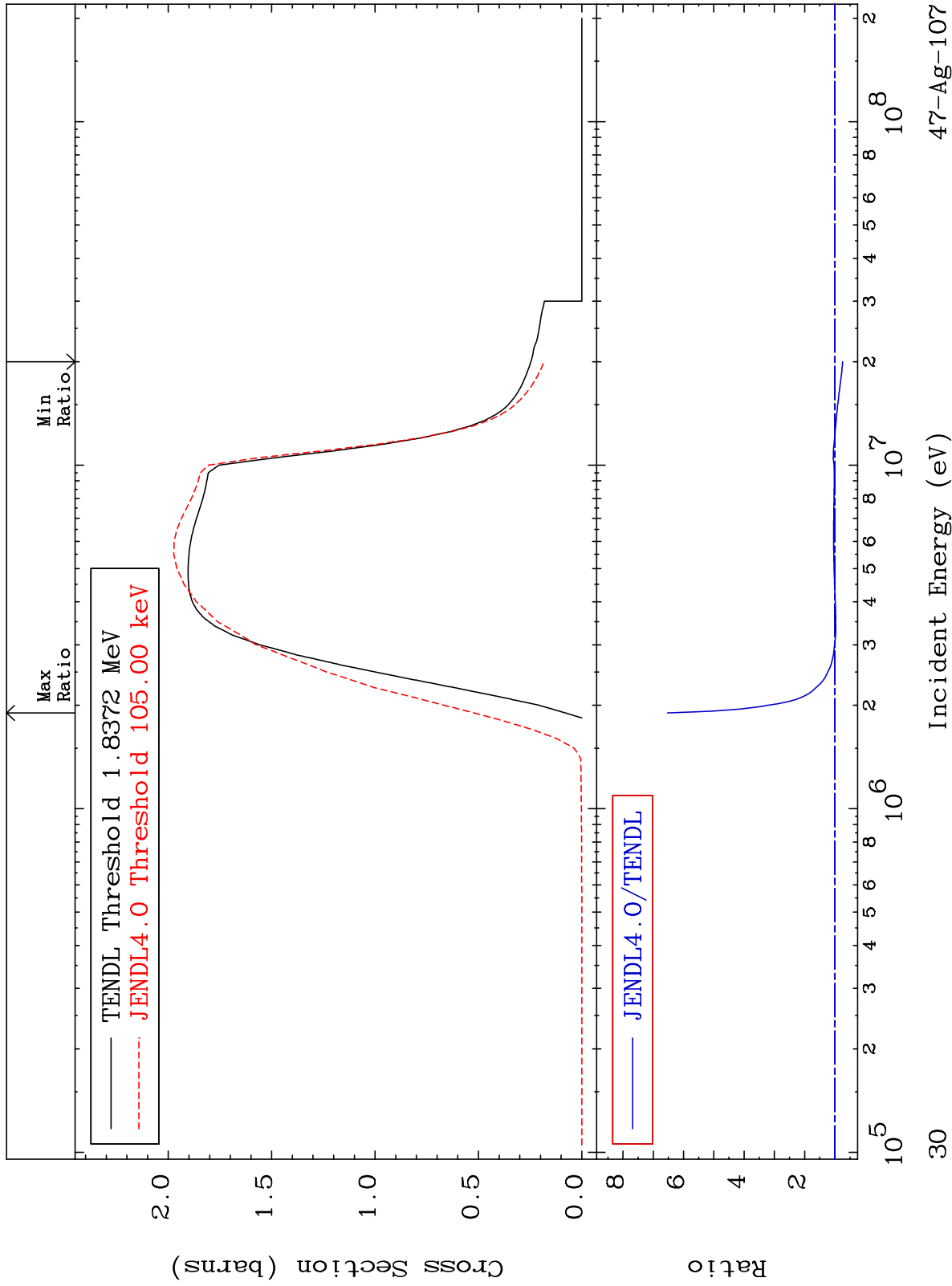
47-Ag-107
-19.57 To 9999. %



MAT 4725

(n, n') Continuum
Cross Section

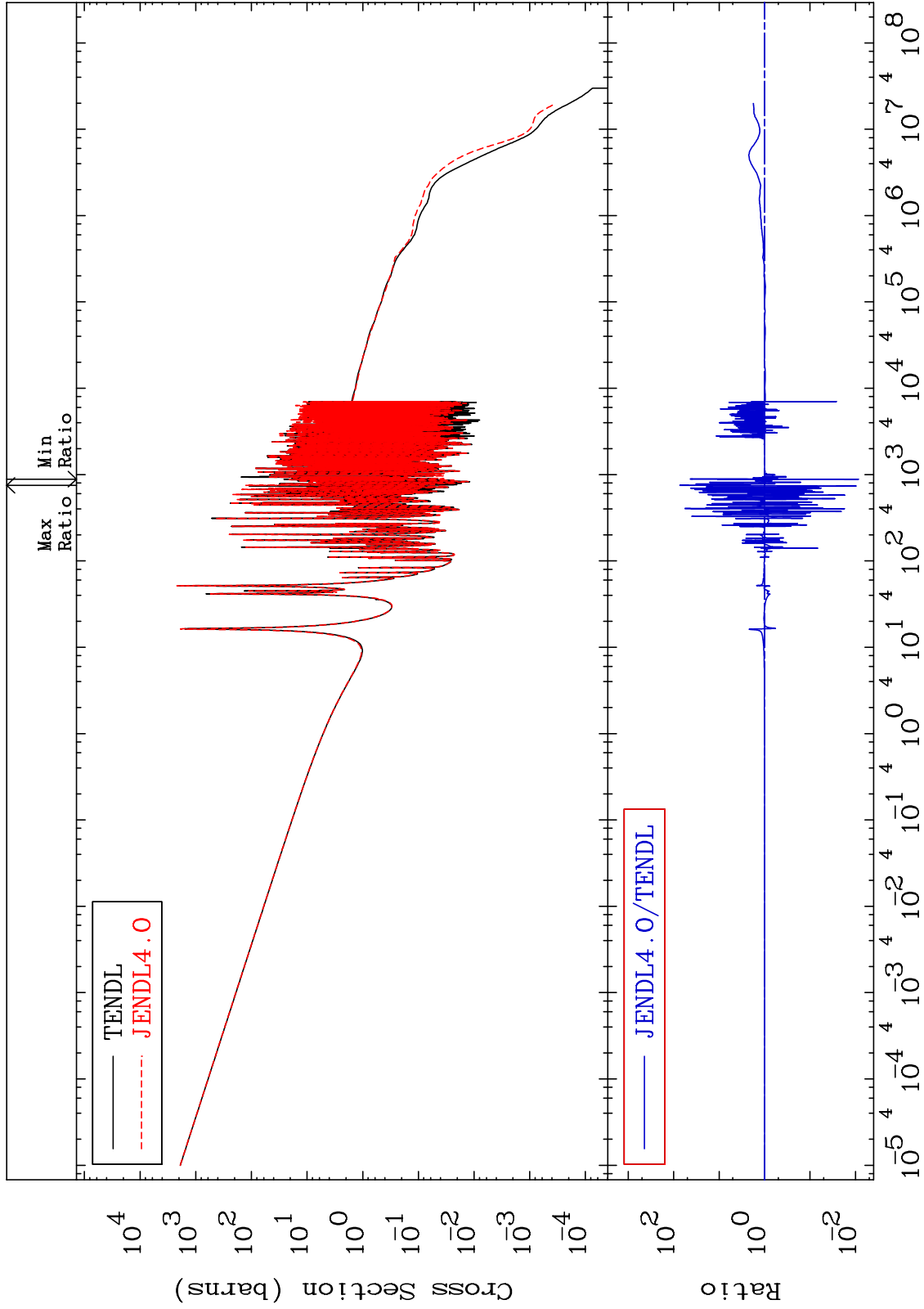
47-Ag-107
-25.54 To 552.8 %



MAT 4725

(n, γ)
Cross Section

47-Ag-107
-99.14 To 7151. %



Max Ratio
Min Ratio

— TENDL
- - - JENDL4.0

— JENDL4.0/TENDL

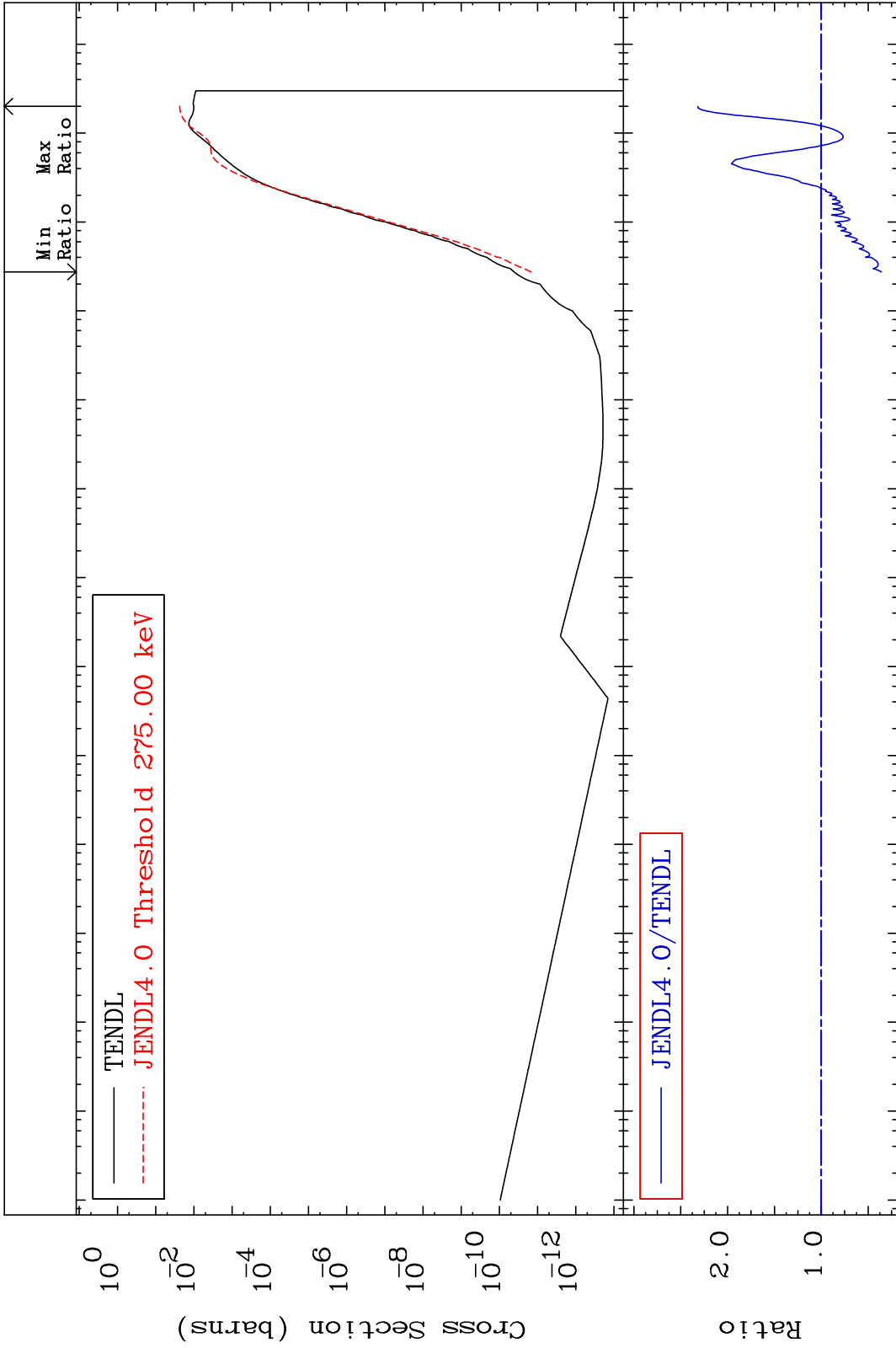
MAT 4725

(n, p)

47-Ag-107

Cross Section

-64.25 To 131.8 %



Incident Energy (eV)

47-Ag-107

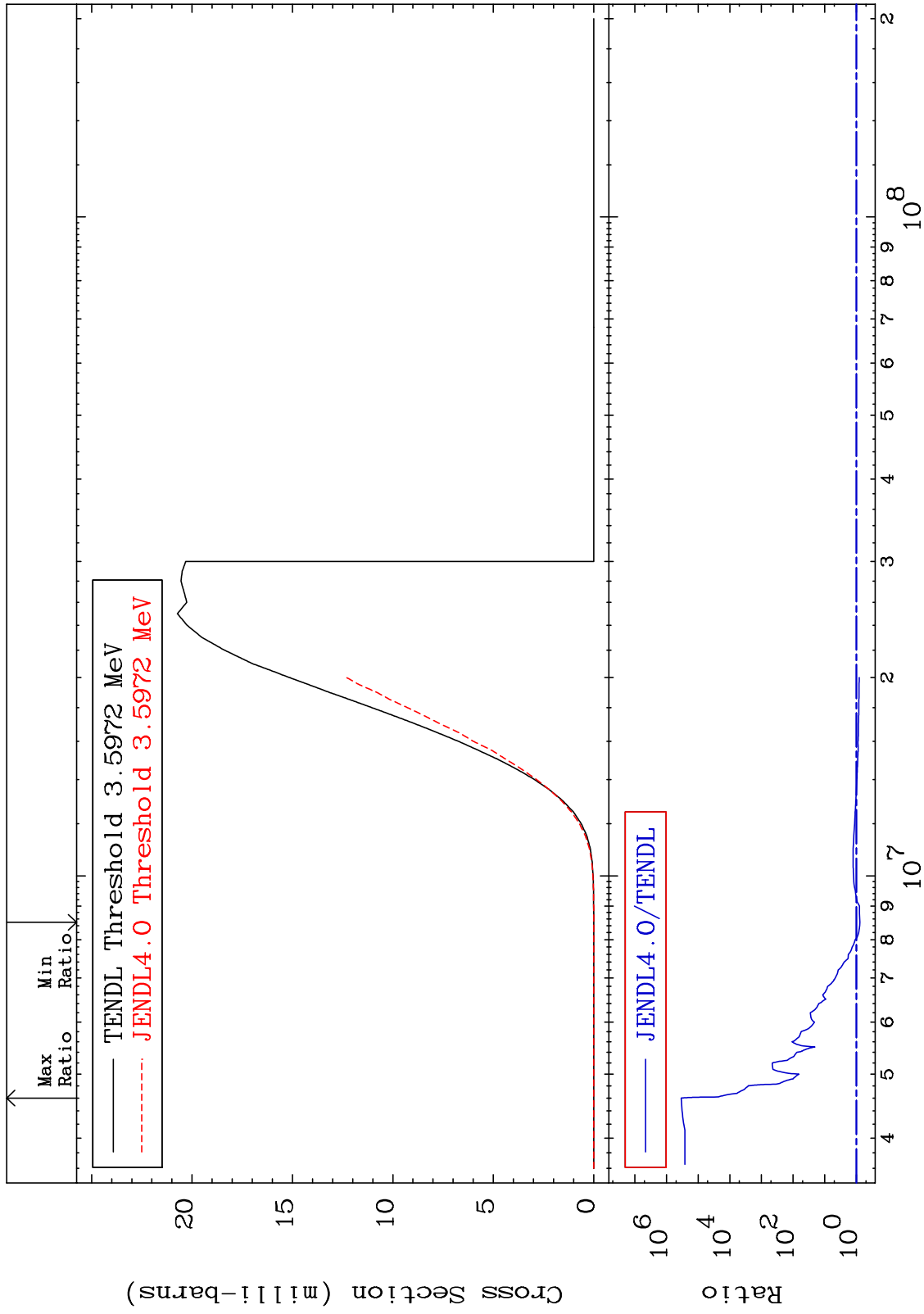
MAT 4725

(n, d)

47-Ag-107

Cross Section

-22.66 To 9999. %



47-Ag-107

Incident Energy (eV)

33

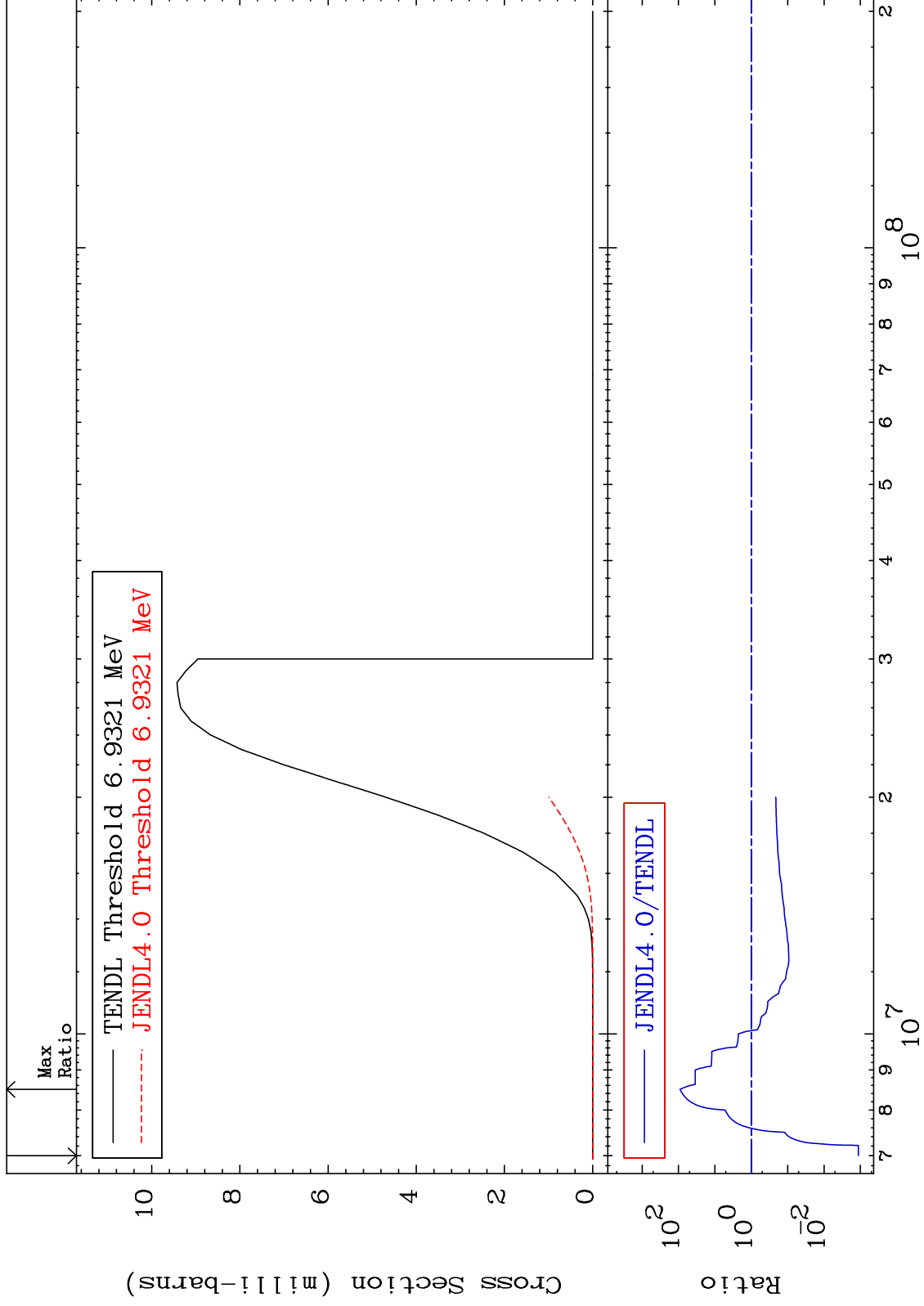
MAT 4725

(n, t)

47-Ag-107

Cross Section

-99.89 To 8999. %



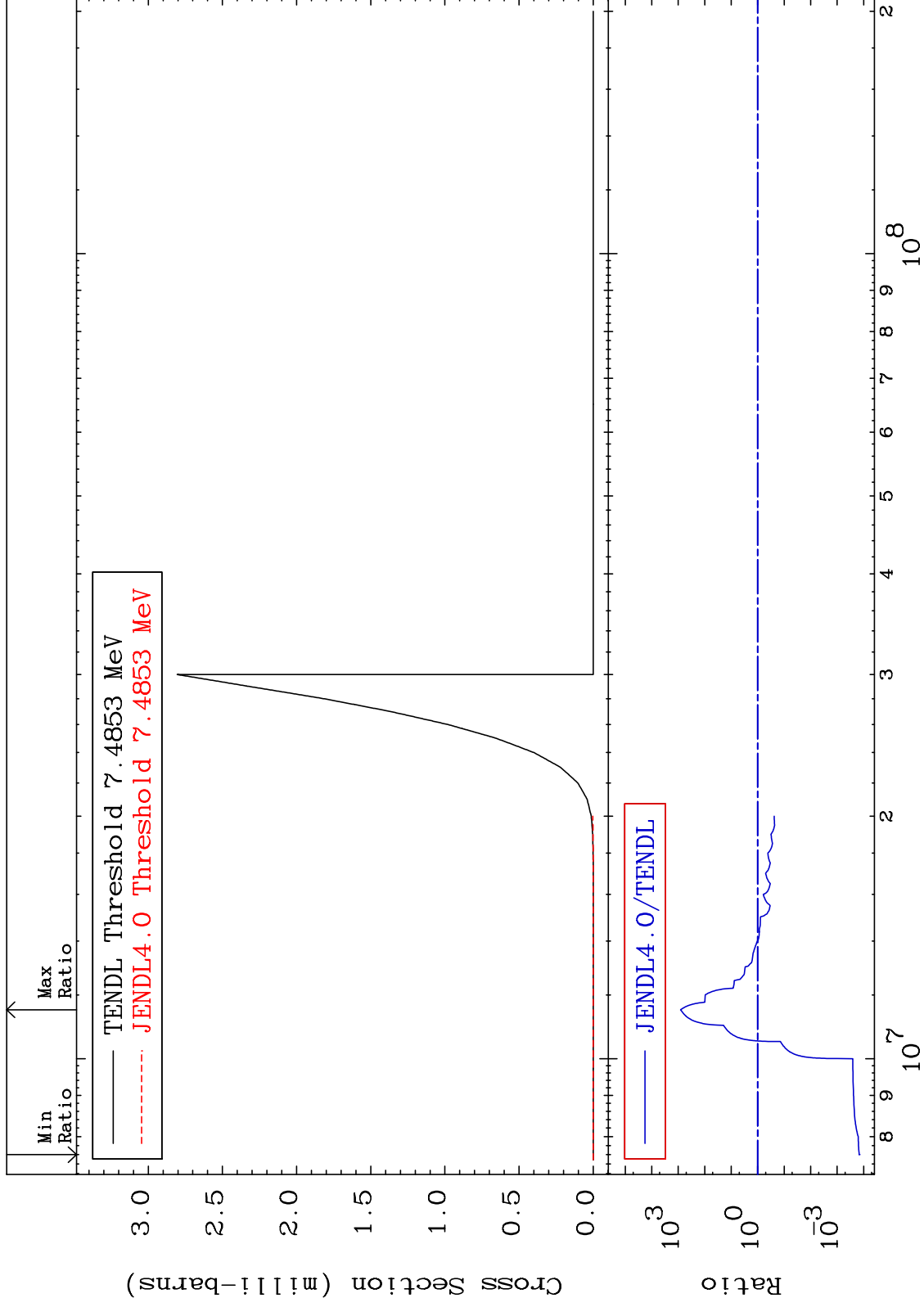
MAT 4725

(n, He-3)

47-Ag-107

Cross Section

-99.99 To 9999. %



35

Incident Energy (eV)

47-Ag-107

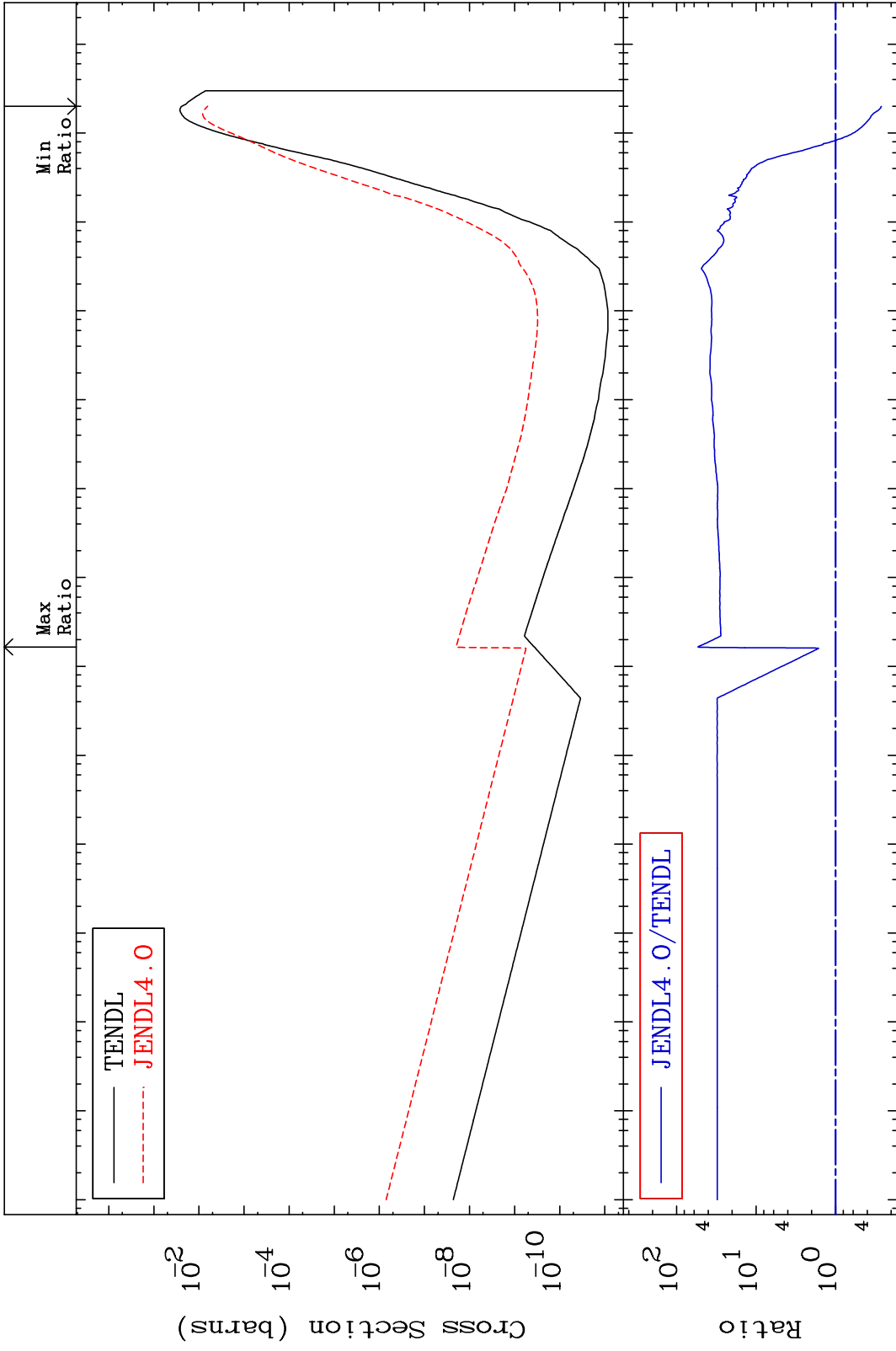
MAT 4725

(n, α)

47-Ag-107

Cross Section

-73.56 To 5310. %



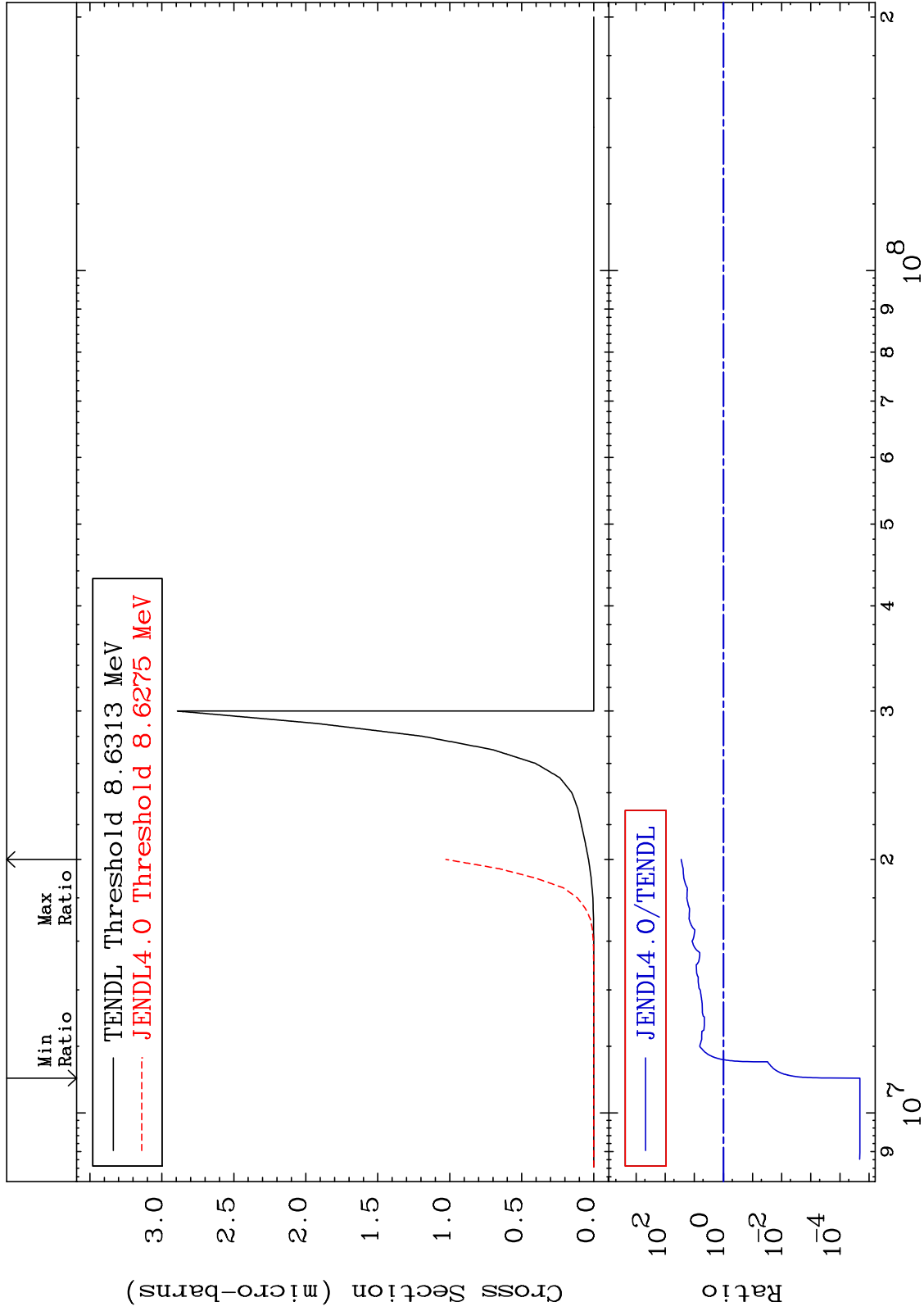
MAT 4725

(n,2p)

47-Ag-107

Cross Section

-100.0 To 2718. %



37

Incident Energy (eV)

47-Ag-107

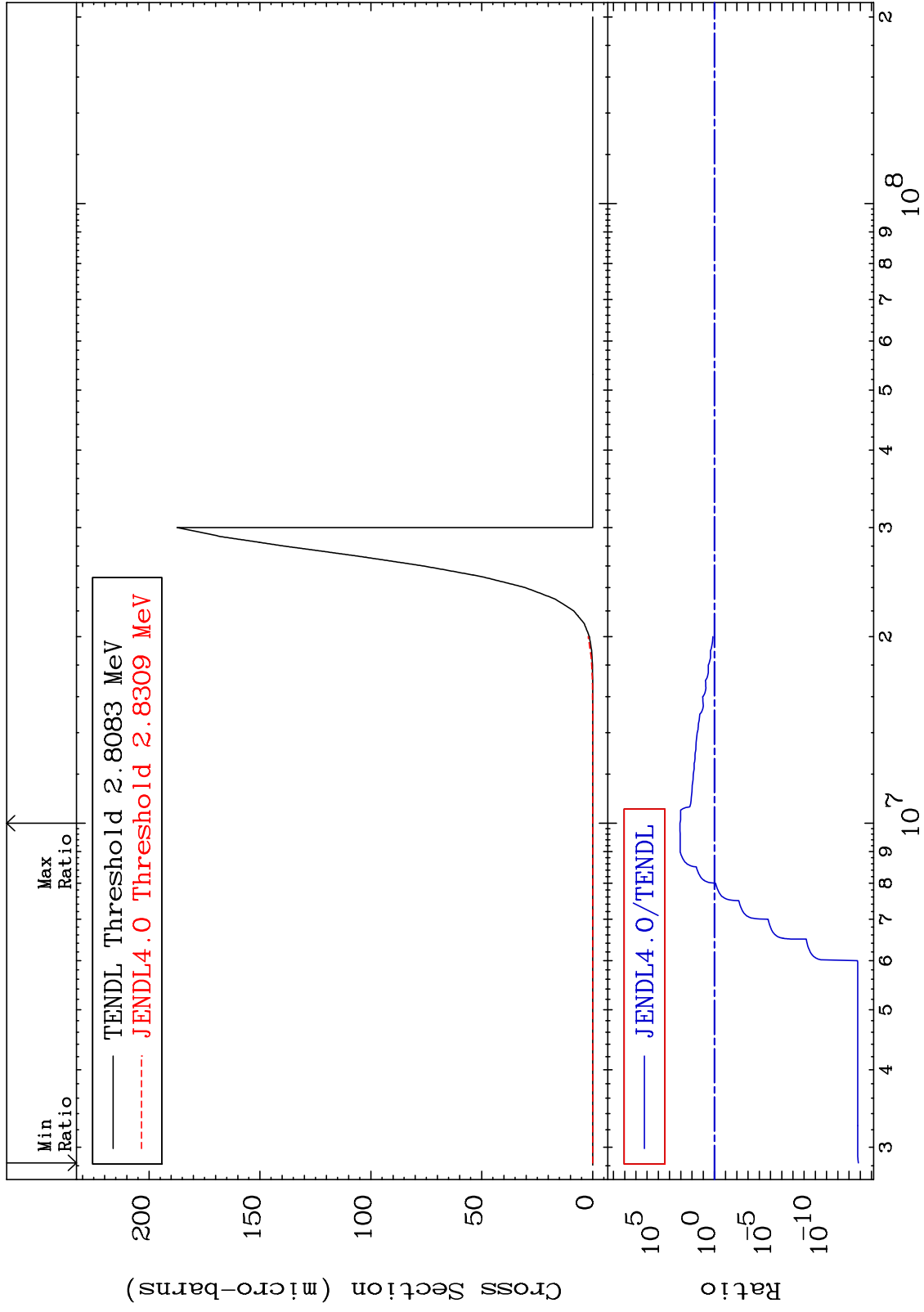
MAT 4725

(n,p) α

47-Ag-107

Cross Section

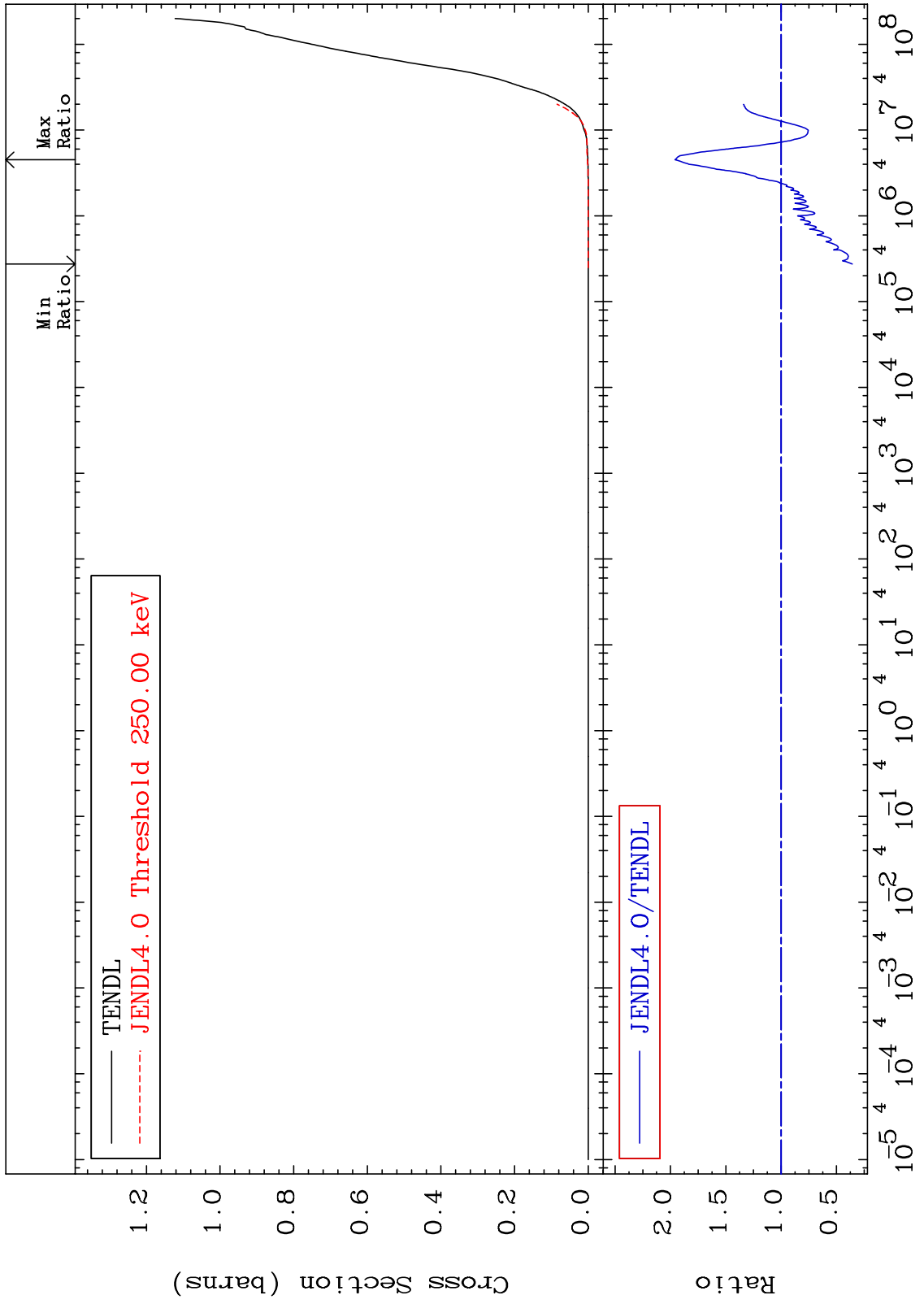
-100.0 To 9999. %



MAT 4725

Hydrogen Production Cross Section

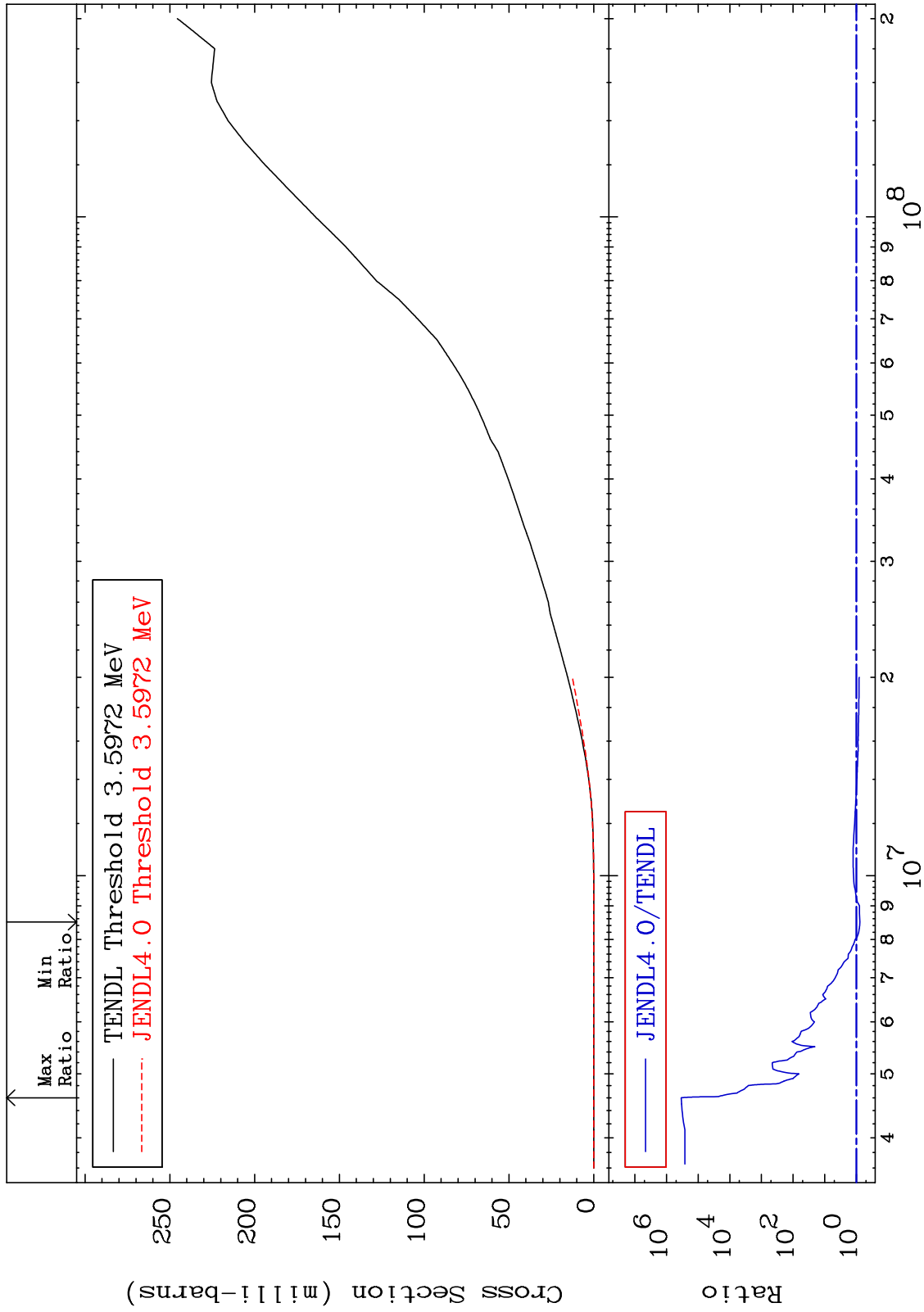
47-Ag-107
-64.25 To 95.88 %



MAT 4725

Deuterium Production
Cross Section

47-Ag-107
-22.66 To 9999. %



40

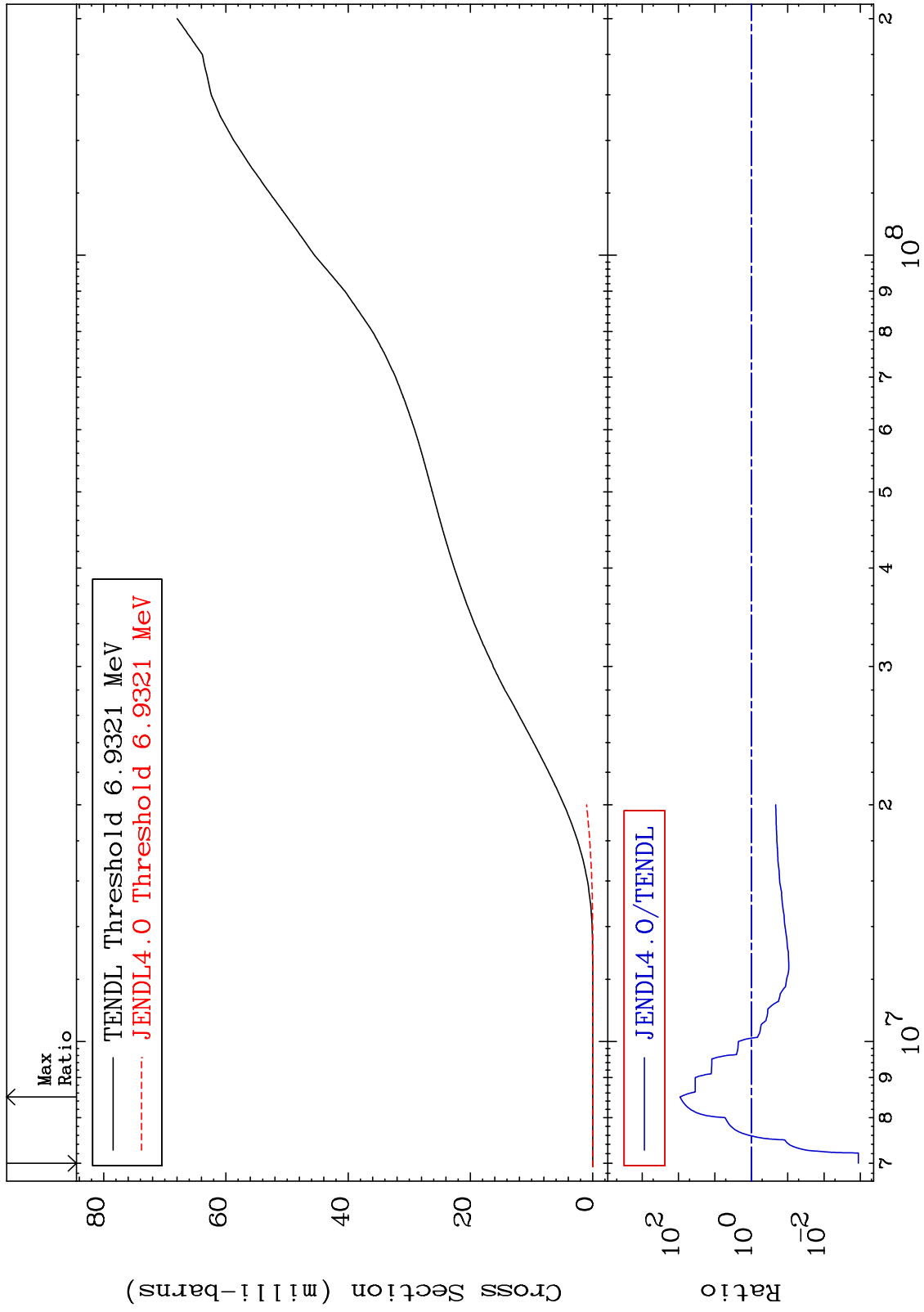
Incident Energy (eV)

47-Ag-107

MAT 4725

Tritium Production
Cross Section

47-Ag-107
-99.89 To 8999. %



41

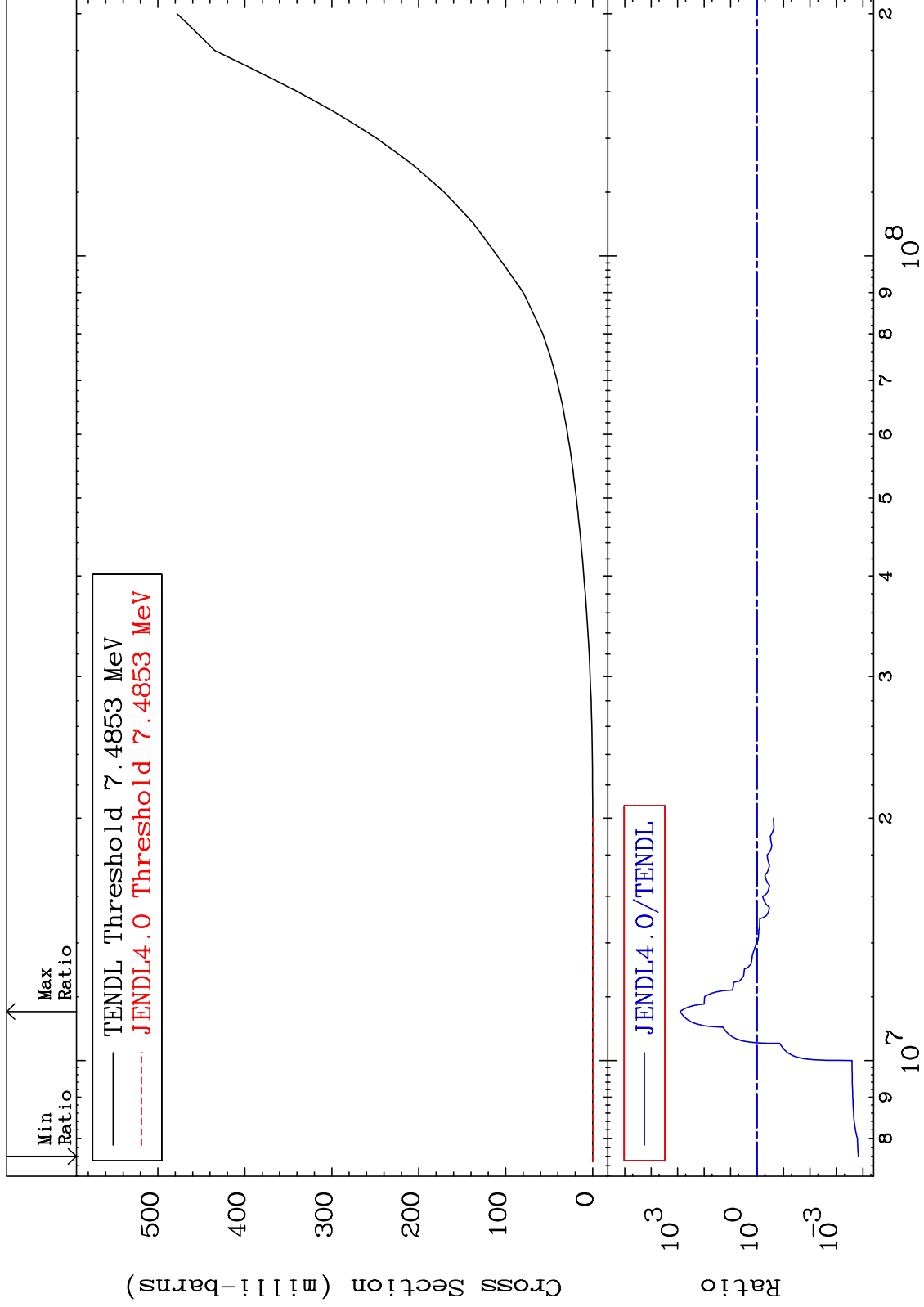
Incident Energy (eV)

47-Ag-107

MAT 4725

He-3 Production
Cross Section

47-Ag-107
-99.99 To 9999. %



42

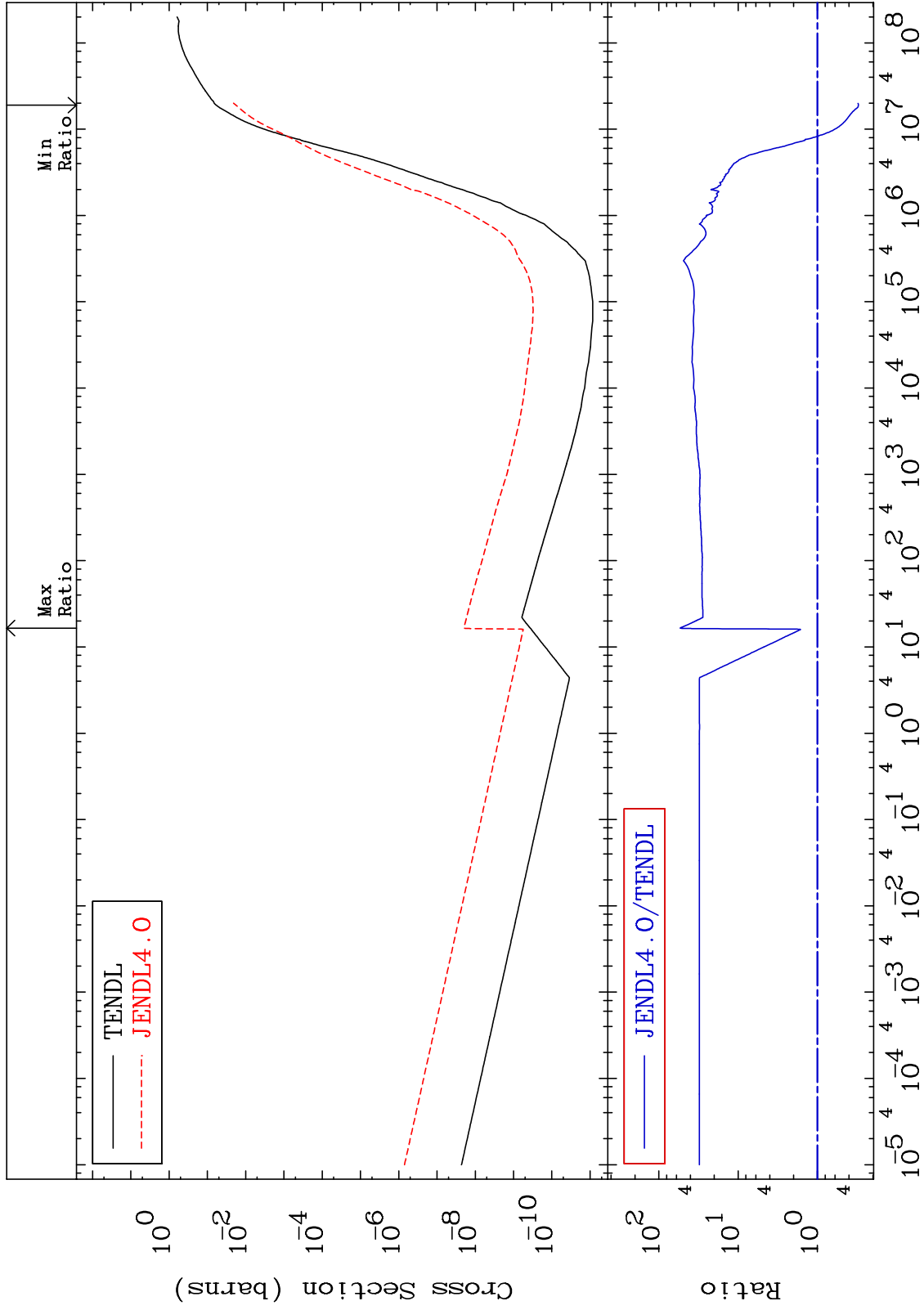
Incident Energy (eV)

47-Ag-107

MAT 4725

He-4 Production
Cross Section

47-Ag-107
-69.55 To 5310. %



43

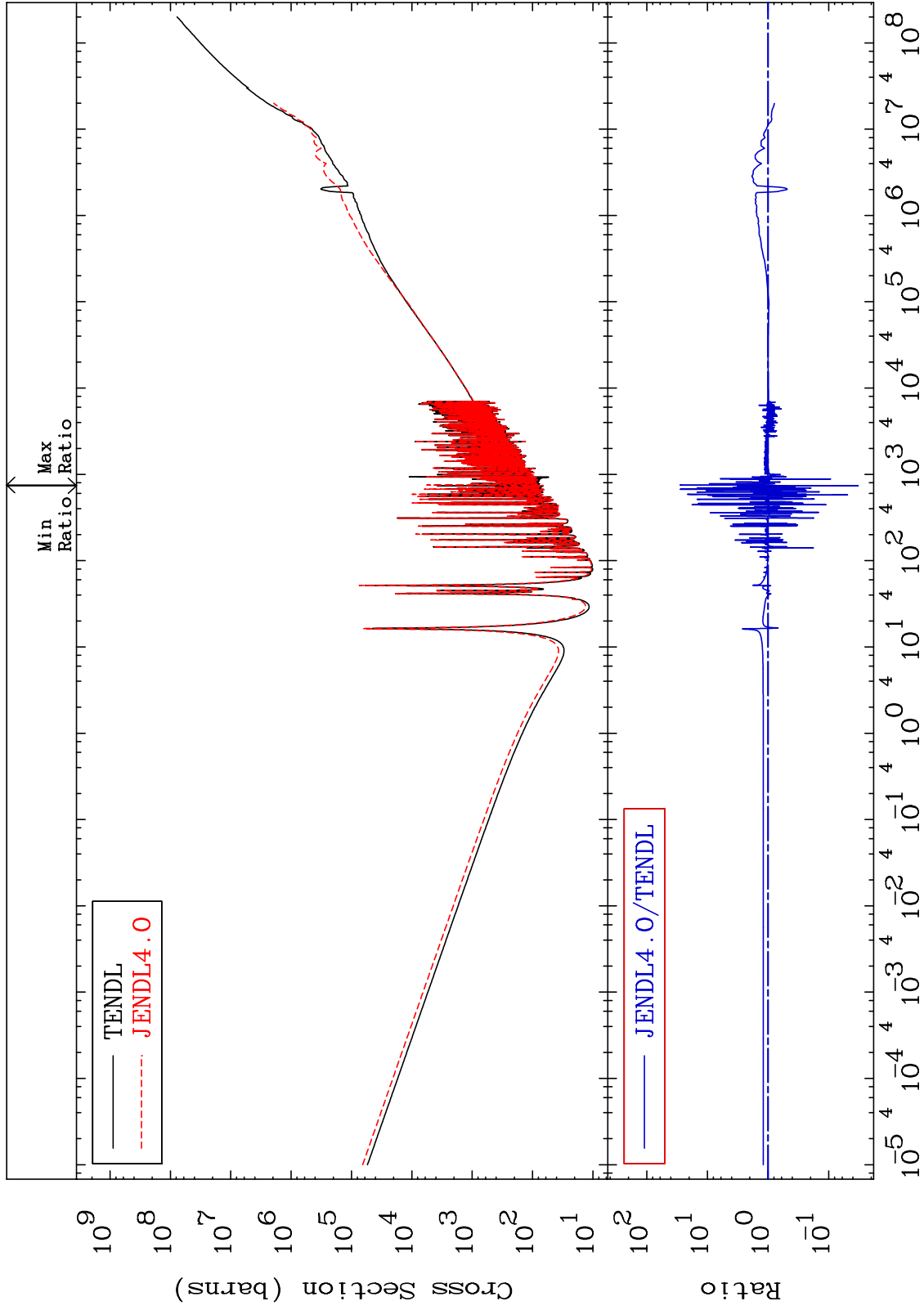
Incident Energy (eV)

47-Ag-107

MAT 4725

Kerma total (eV-barns)
Cross Section

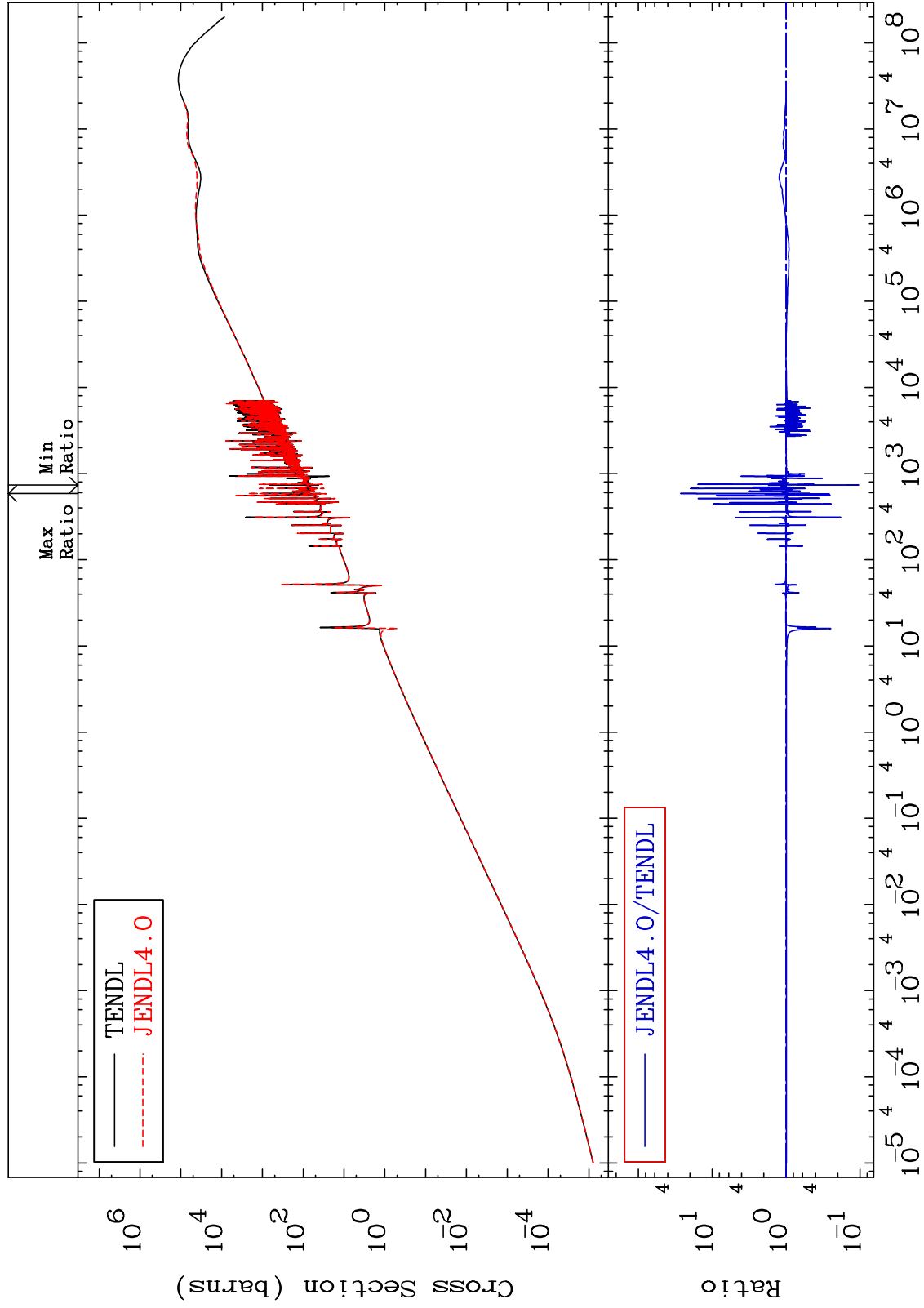
47-Ag-107
-96.75 To 2726. %



MAT 4725

Kerma elastic
Cross Section

47-Ag-107
-89.52 To 2591. %



45

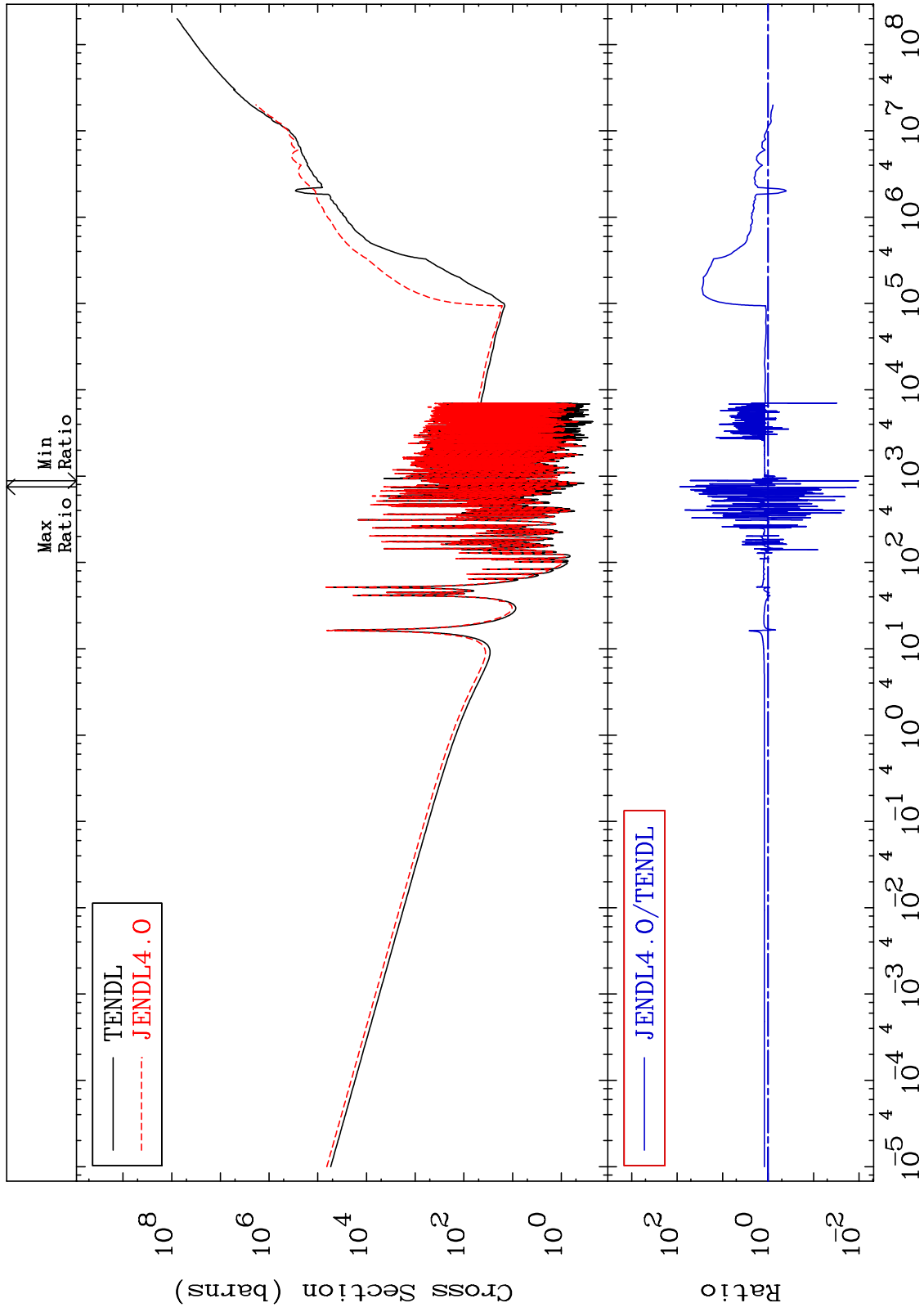
Incident Energy (eV)

47-Ag-107

MAT 4725

Kerma non-elastic (all but mt2)
Cross Section

47-Ag-107
-98.97 To 8556. %



46

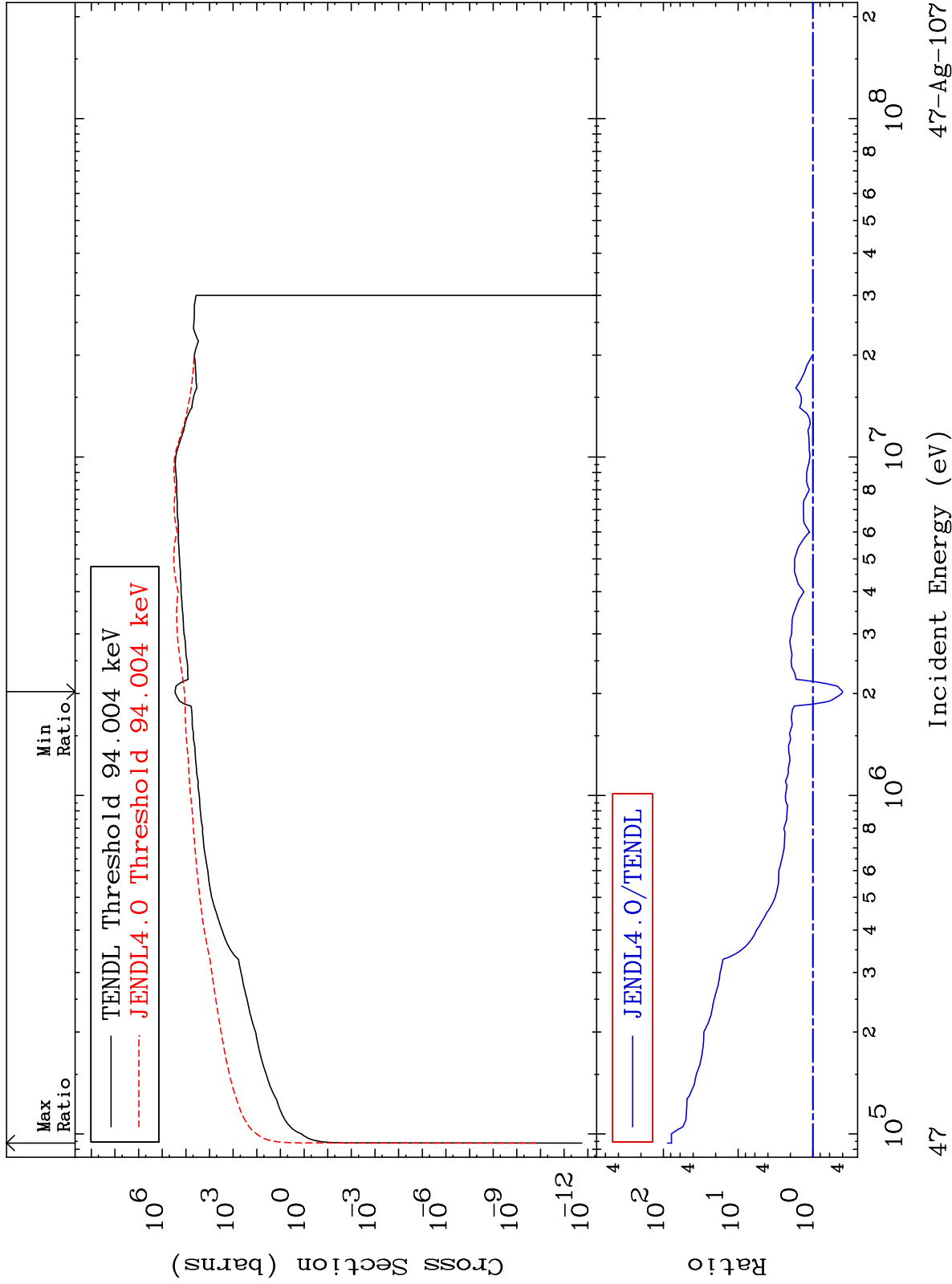
Incident Energy (eV)

47-Ag-107

MAT 4725

Kerma inelastic (mt51-91)
Cross Section

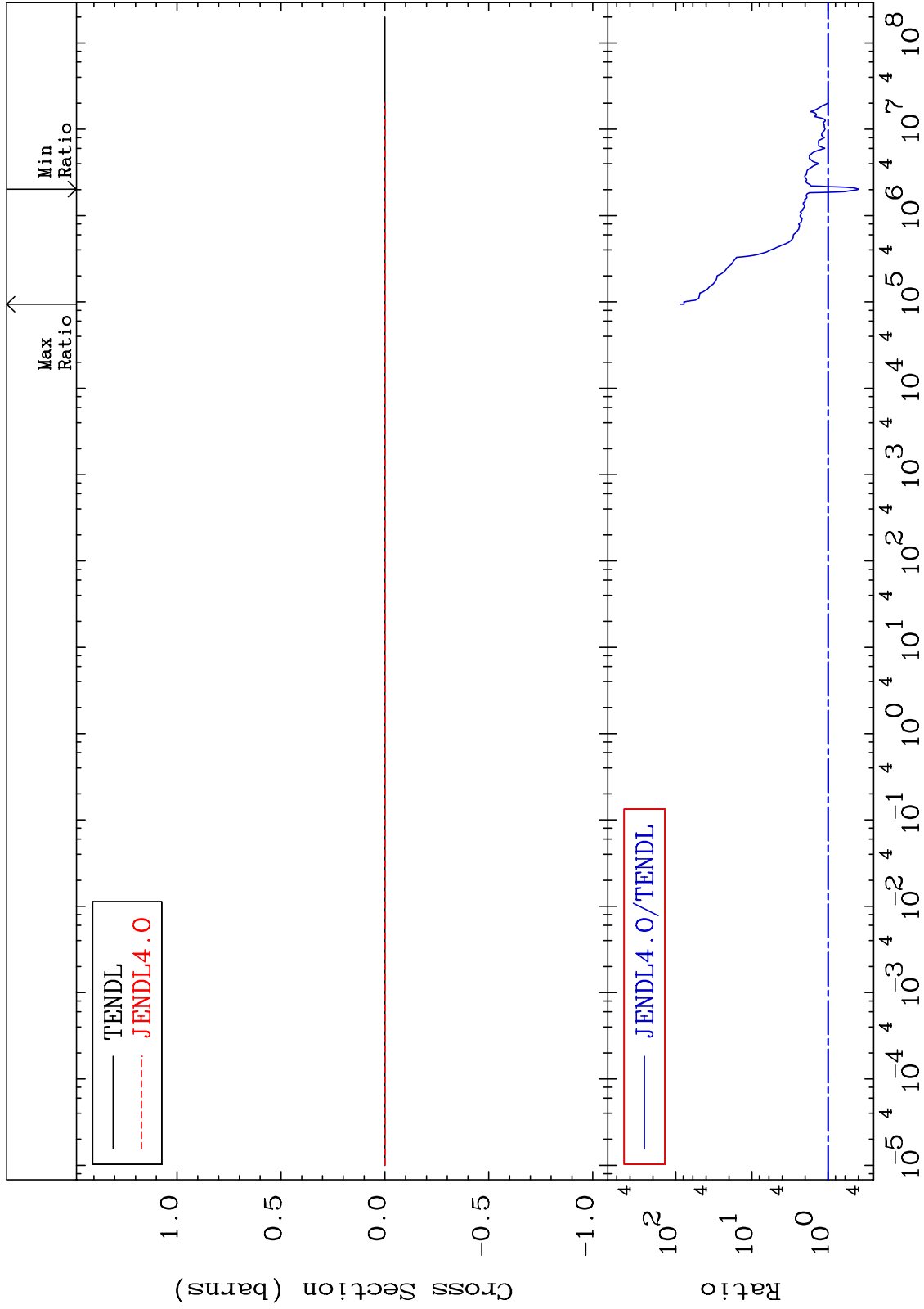
47-Ag-107
-60.03 To 8714. %



MAT 4725

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

47-Ag-107
-60.03 To 8714. %



48

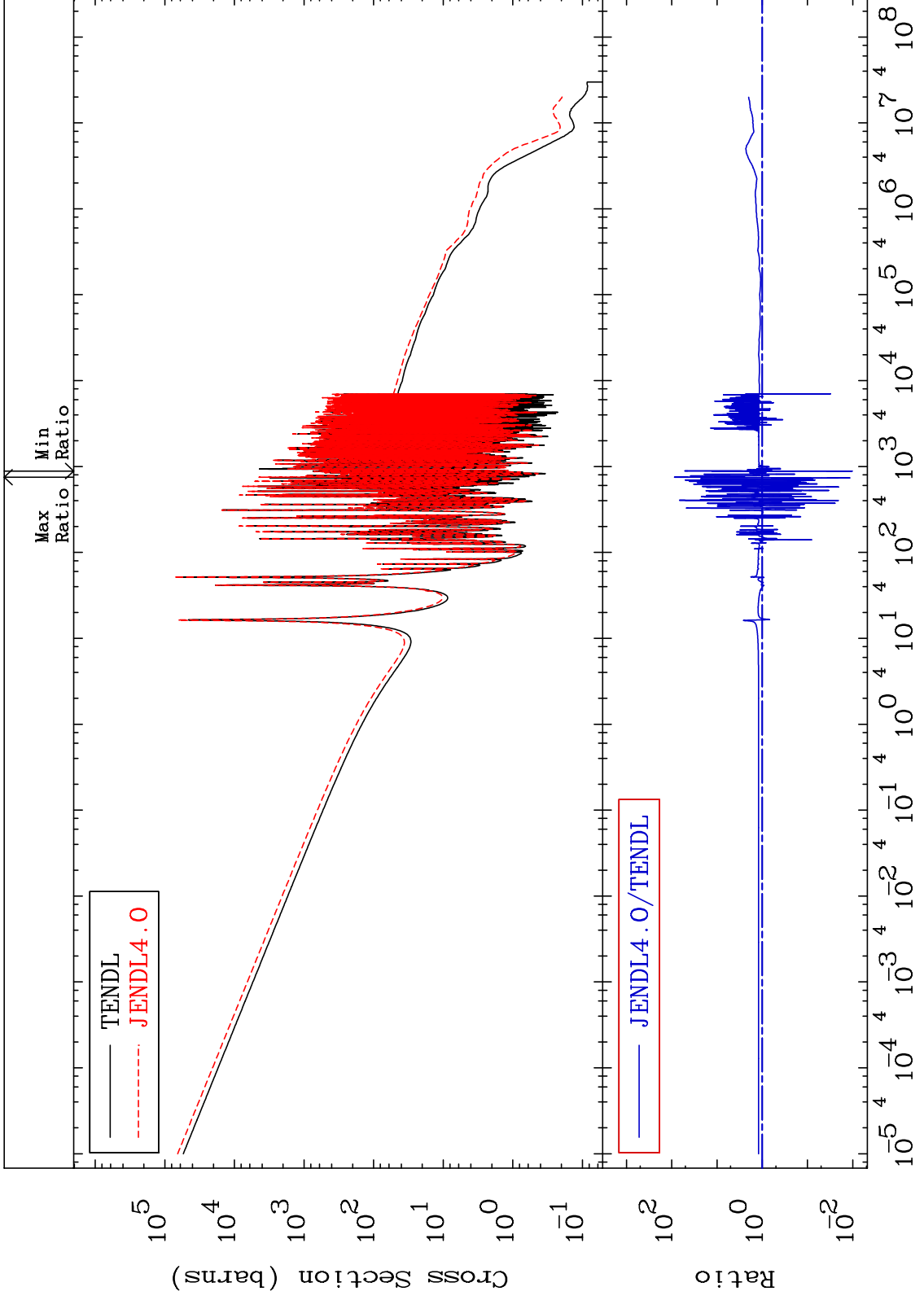
Incident Energy (eV)

47-Ag-107

MAT 4725

Kerma capture (mt102)
Cross Section

47-Ag-107
-98.97 To 8556. %



49

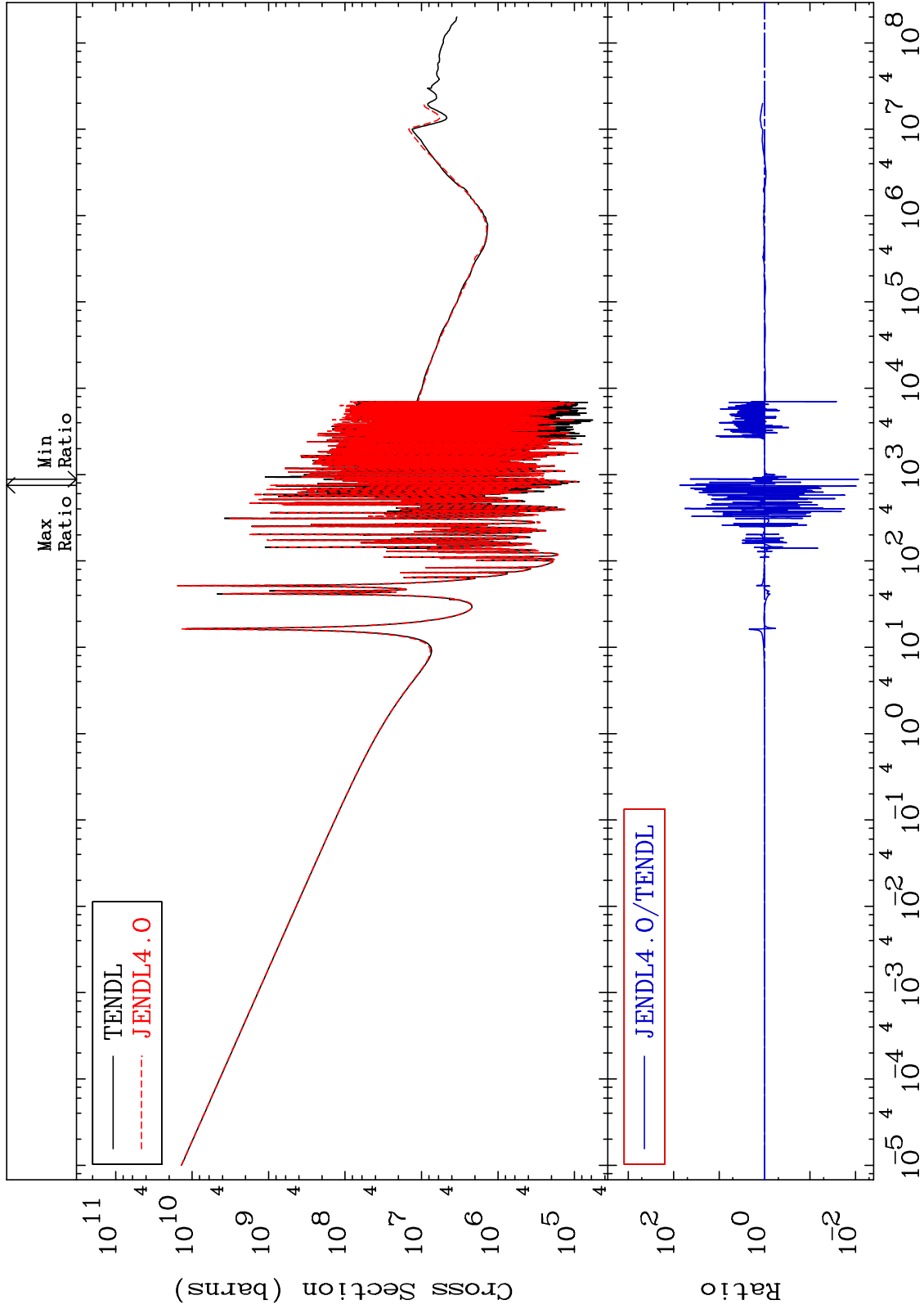
Incident Energy (eV)

47-Ag-107

MAT 4725

Total photon (eV-barns)
Cross Section

47-Ag-107
-99.14 To 7142. %



50

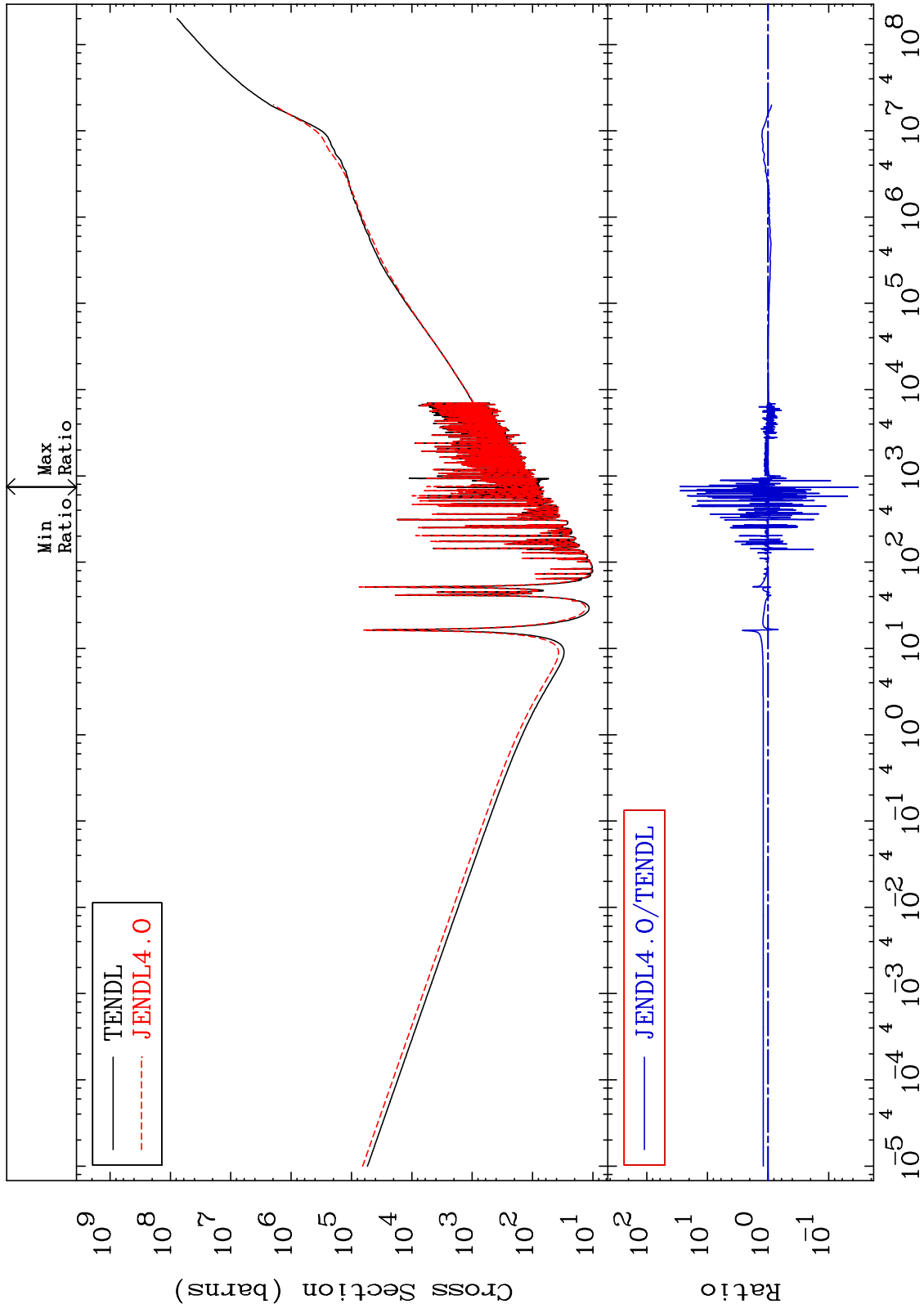
Incident Energy (eV)

47-Ag-107

MAT 4725

Total kinematic kerma (high limit)
Cross Section

47-Ag-107
-96.75 To 2726. %



51

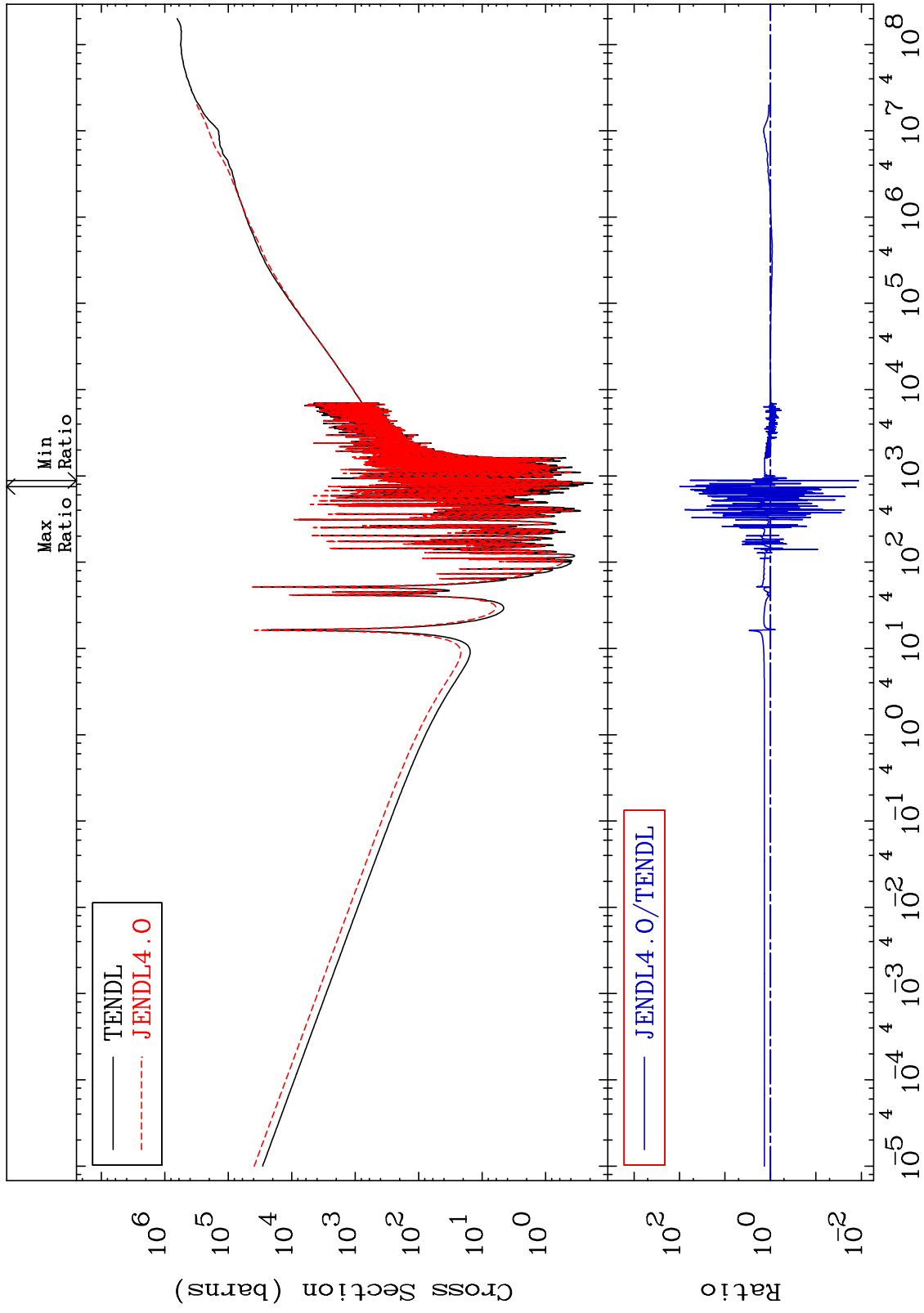
Incident Energy (eV)

47-Ag-107

MAT 4725

Dpa total (eV-barns)
Cross Section

47-Ag-107
-98.84 To 9645. %



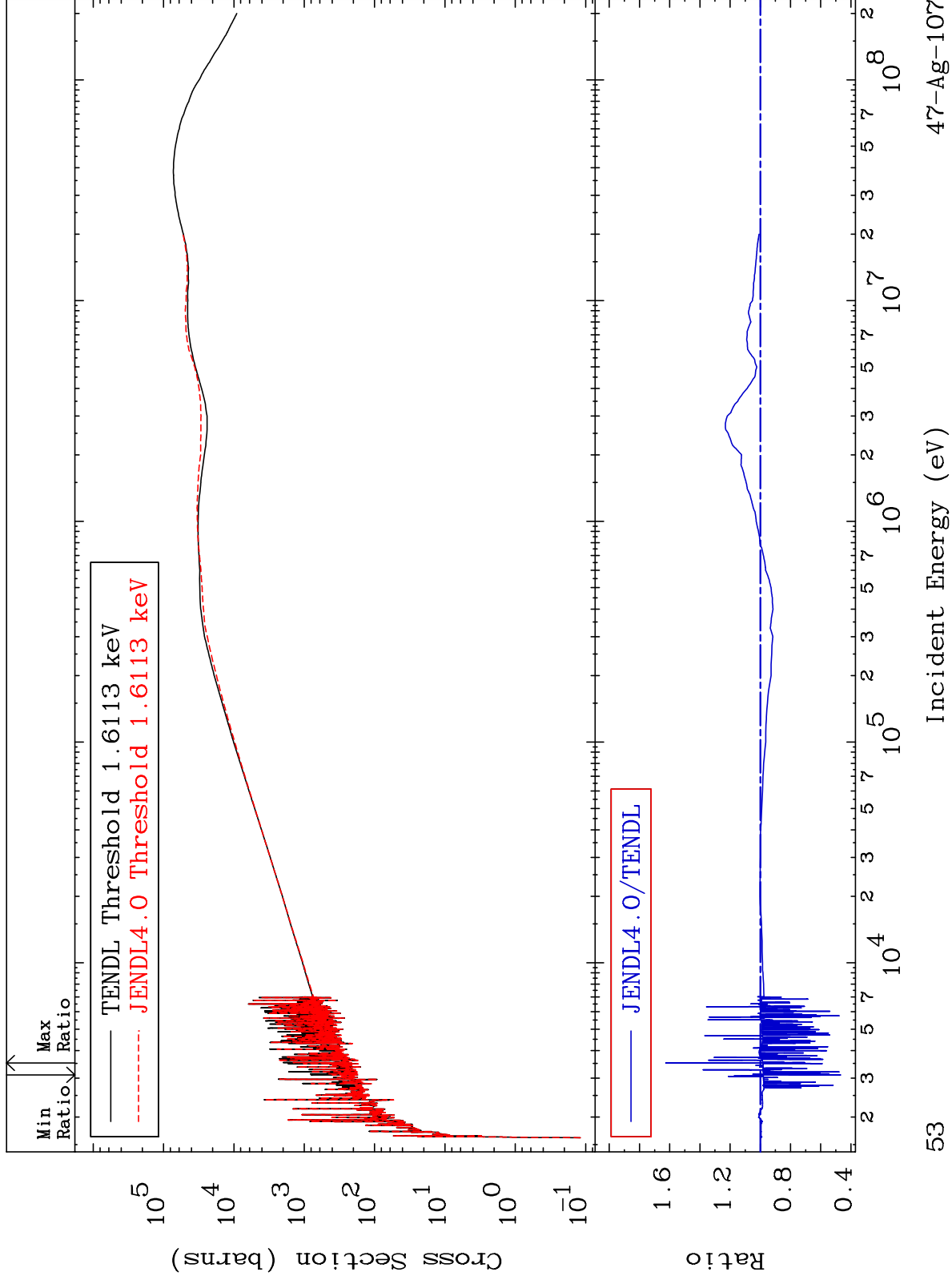
52

47-Ag-107

MAT 4725

Dpa elastic (mt2)
Cross Section

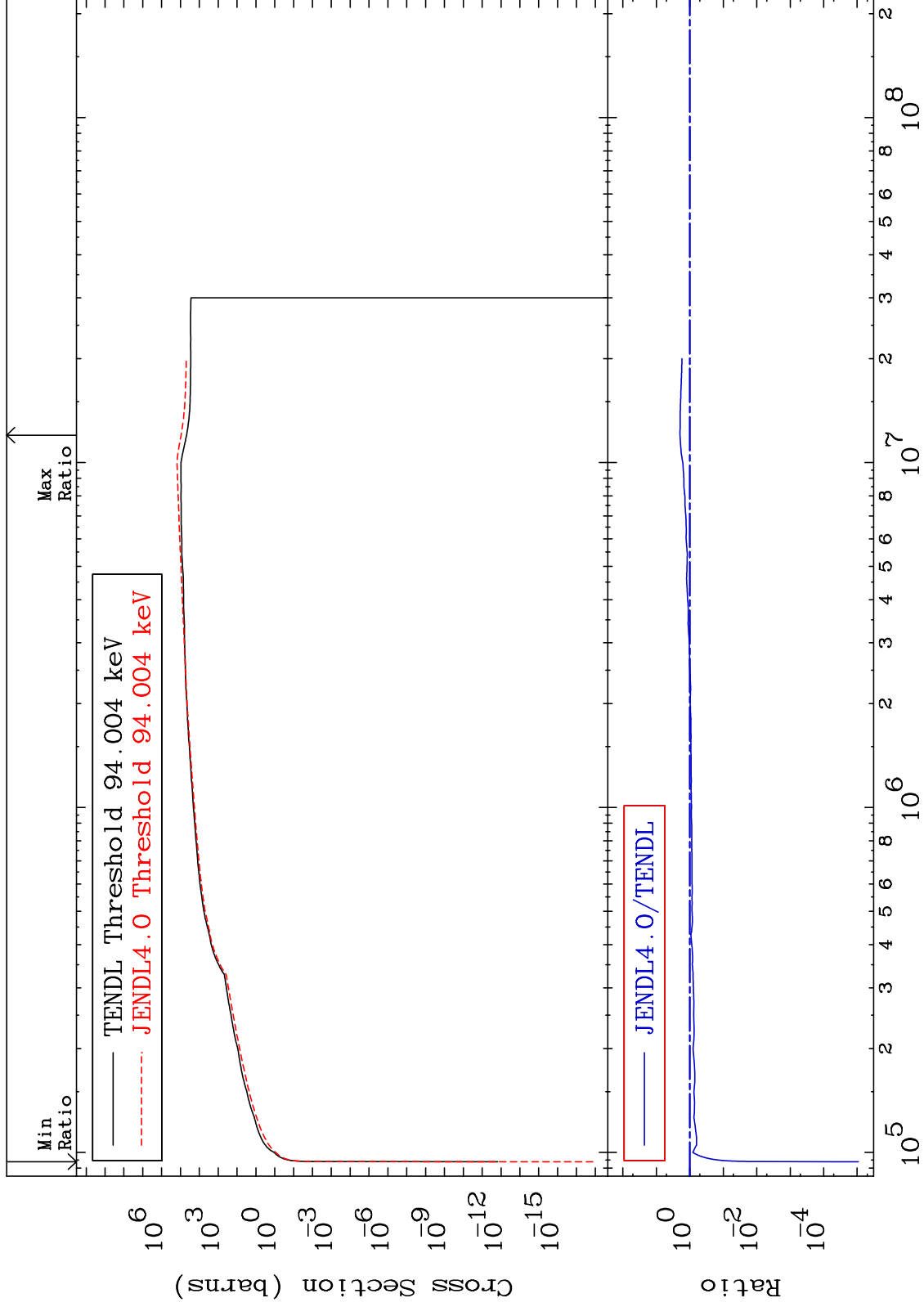
47-Ag-107
-53.13 To 62.54 %



MAT 4725

Dpa inelastic (mt51-91)
Cross Section

47-Ag-107
-100.0 To 95.91 %



54

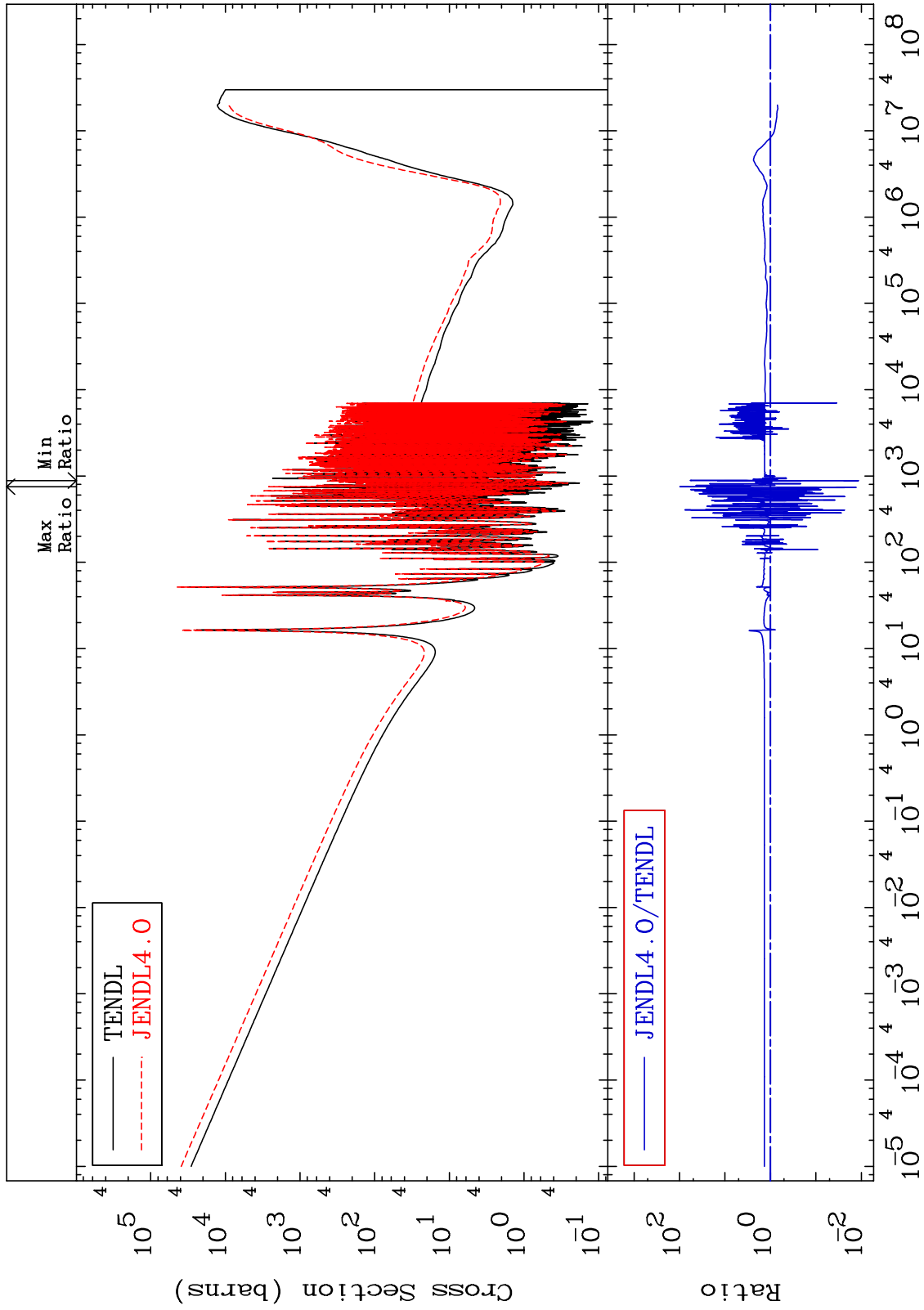
Incident Energy (eV)

47-Ag-107

MAT 4725

Dpa disappearance (mt102 -120)
Cross Section

47-Ag-107
-98.84 To 9645. %



55

Incident Energy (eV)

47-Ag-107

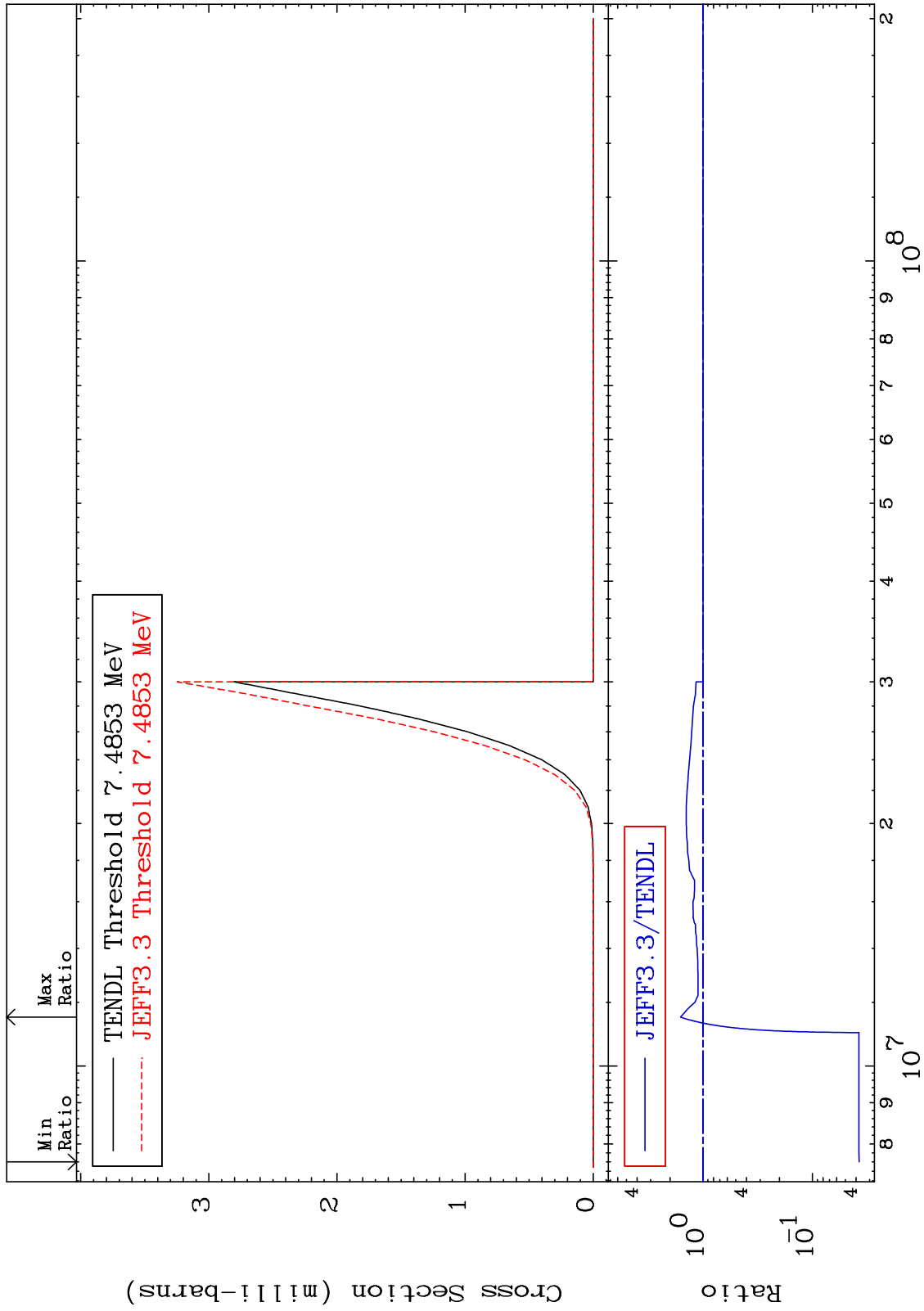
MAT 4725

(n, He-3)

47-Ag-107

Cross Section

-96.26 To 59.89 %



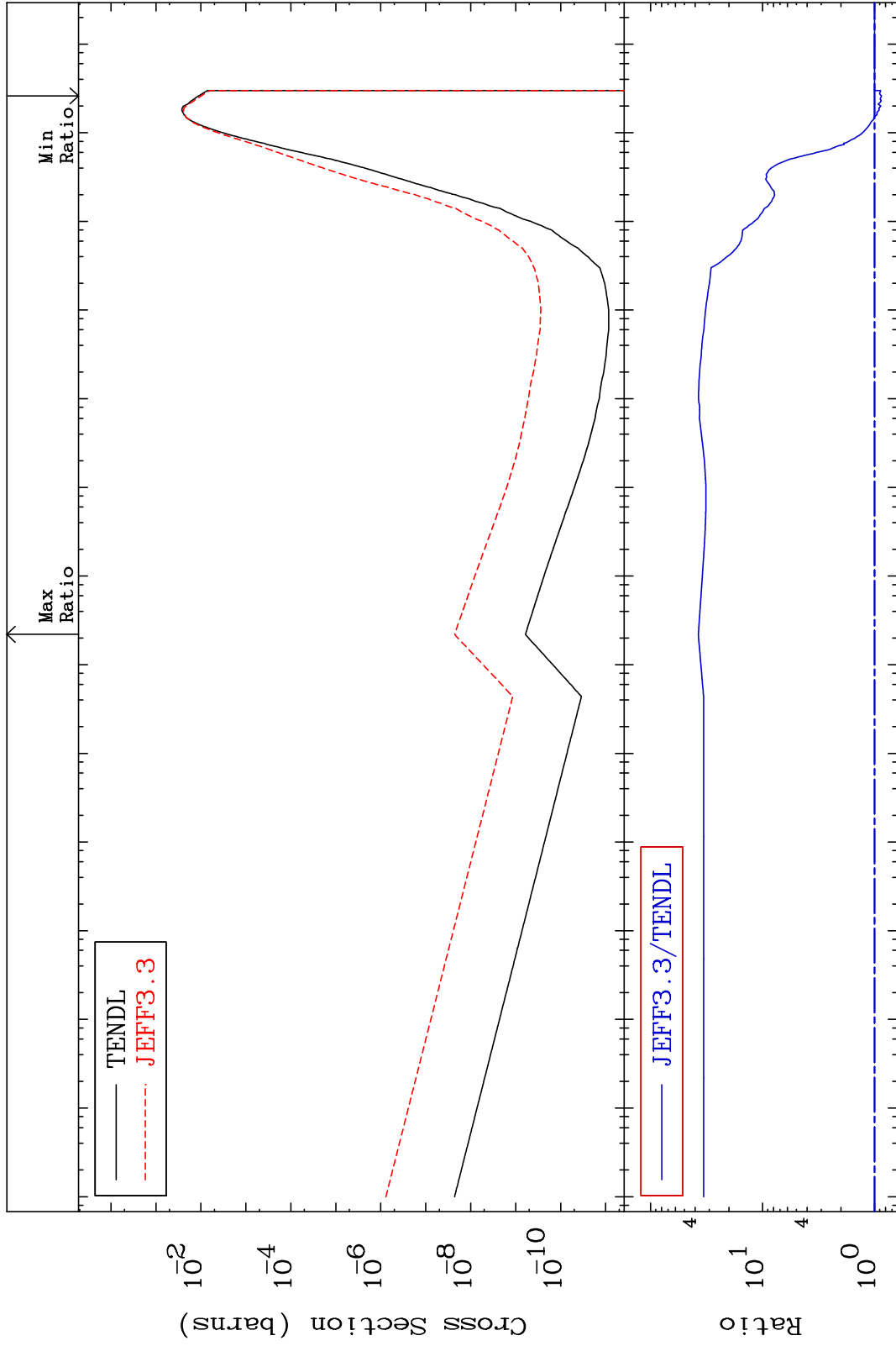
MAT 4725

(n, α)

47-Ag-107

Cross Section

-13.22 To 3647. %



57

Incident Energy (eV)

47-Ag-107

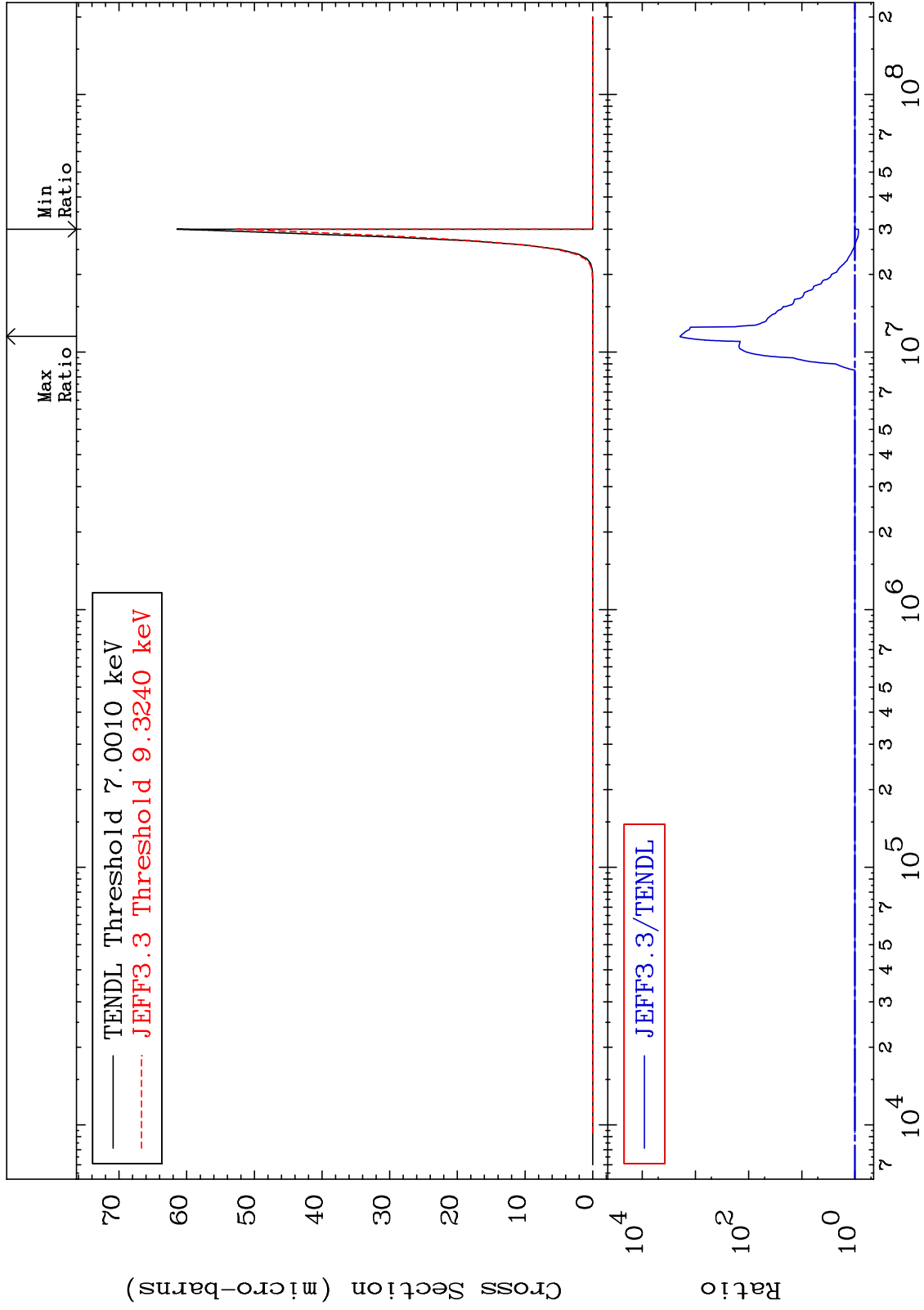
MAT 4725

(n, 2α)

47-Ag-107

Cross Section

-13.81 To 9999. %



58

Incident Energy (eV)

47-Ag-107

MAT 4725

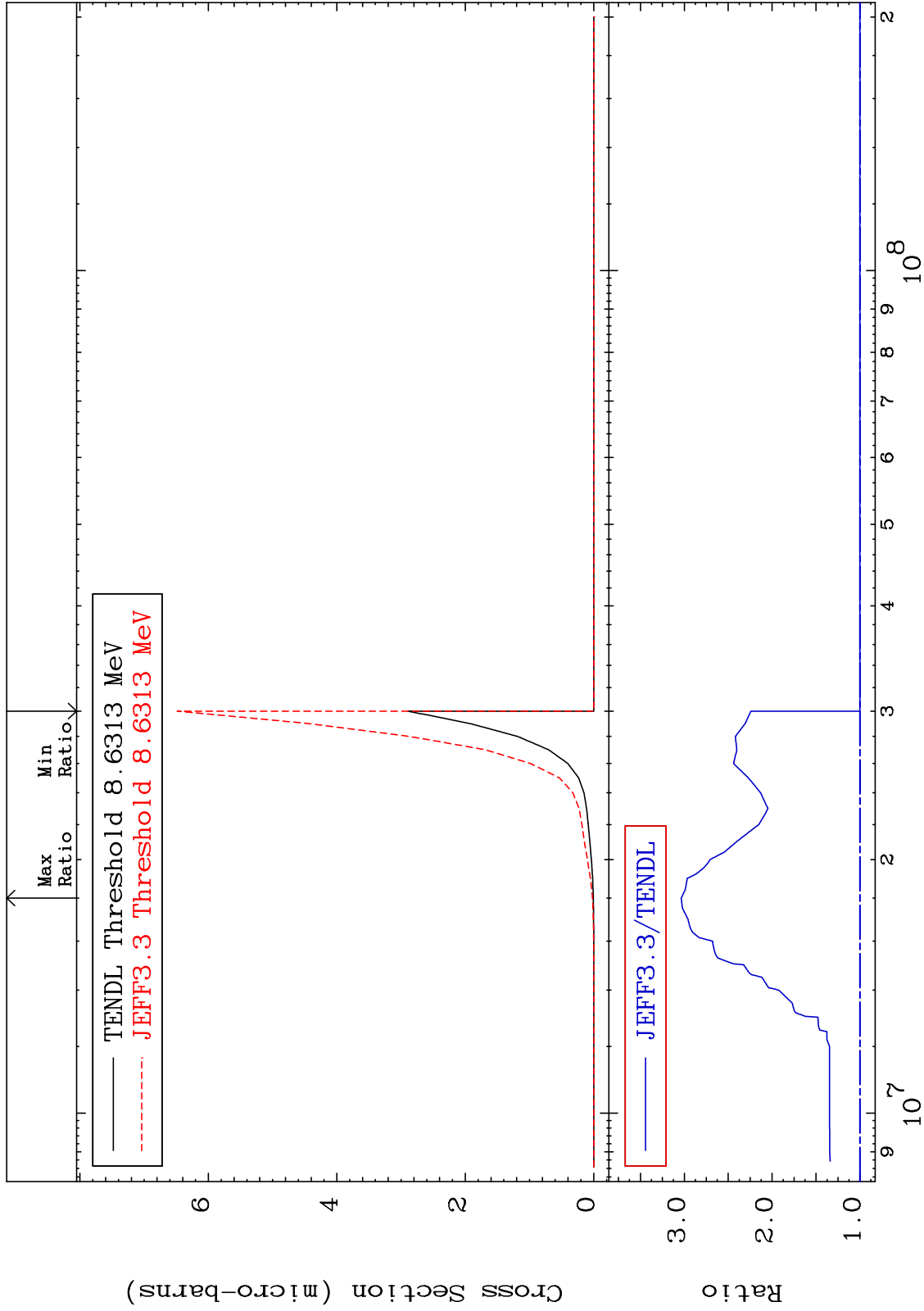
(n,2p)

47-Ag-107

Cross Section

0.000

To 203.5 %



59

Incident Energy (eV)

47-Ag-107

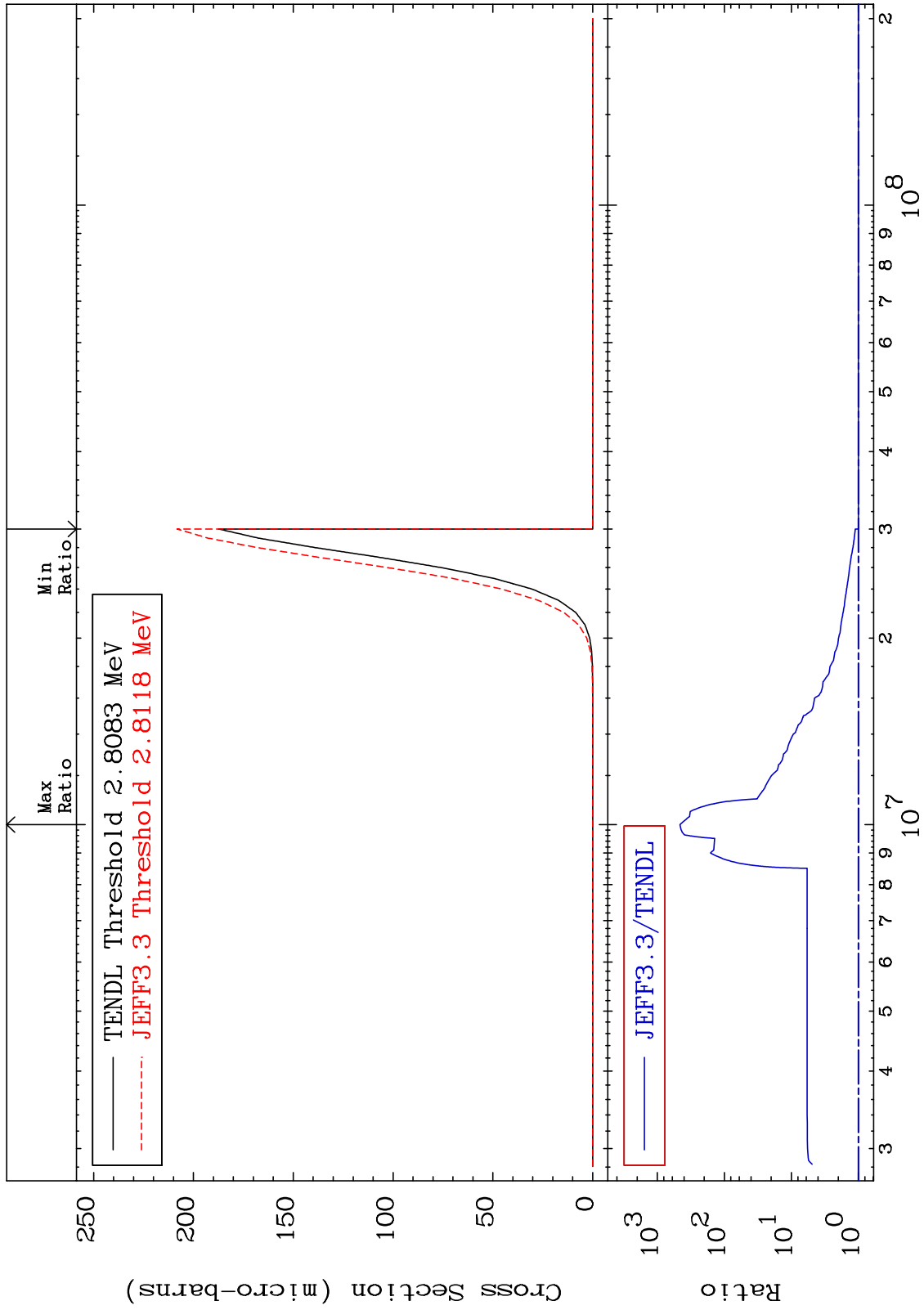
MAT 4725

(n,p) α

47-Ag-107

0.000 To 9999. %

Cross Section



60

Incident Energy (eV)

47-Ag-107

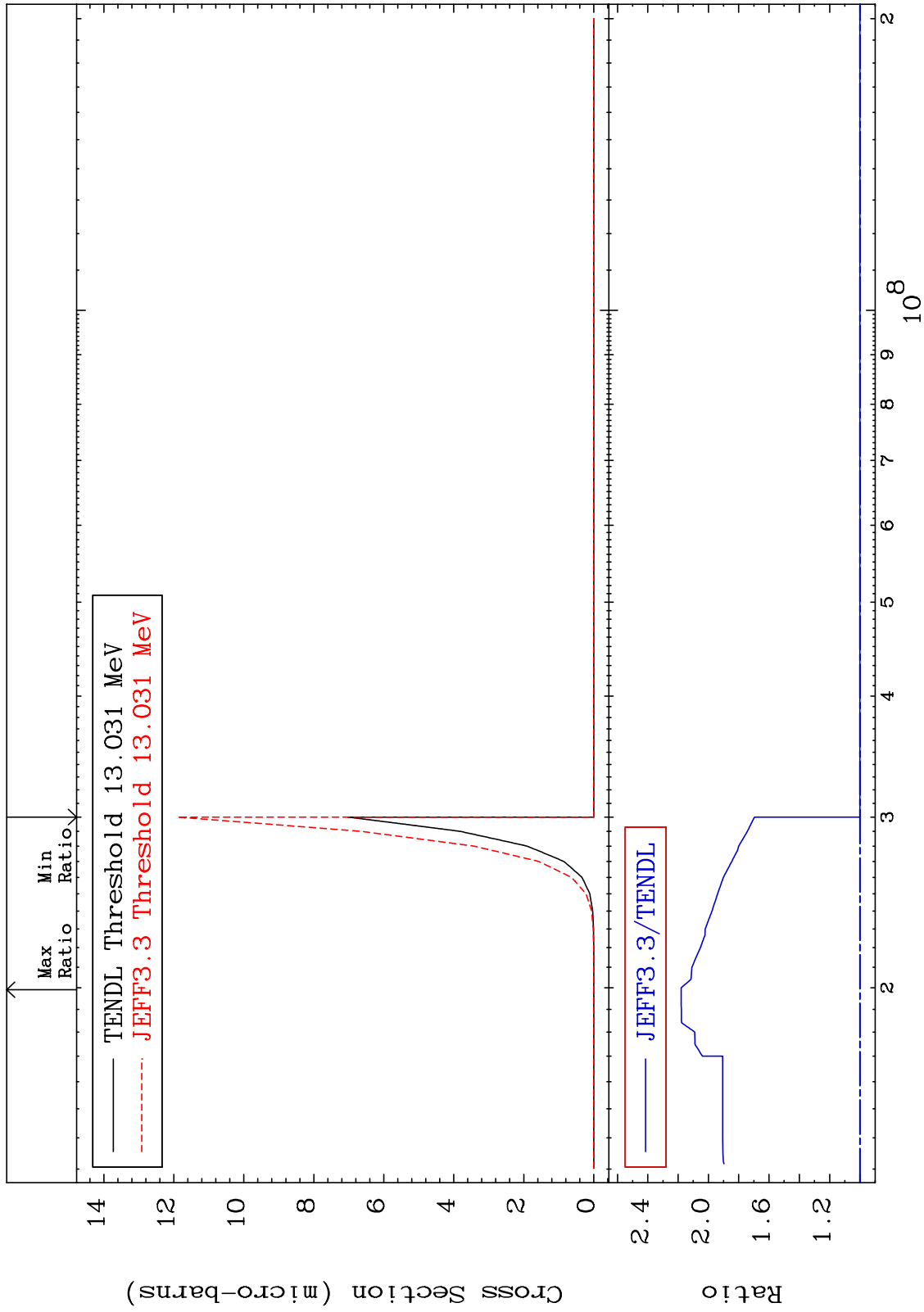
MAT 4725

(n,p) d

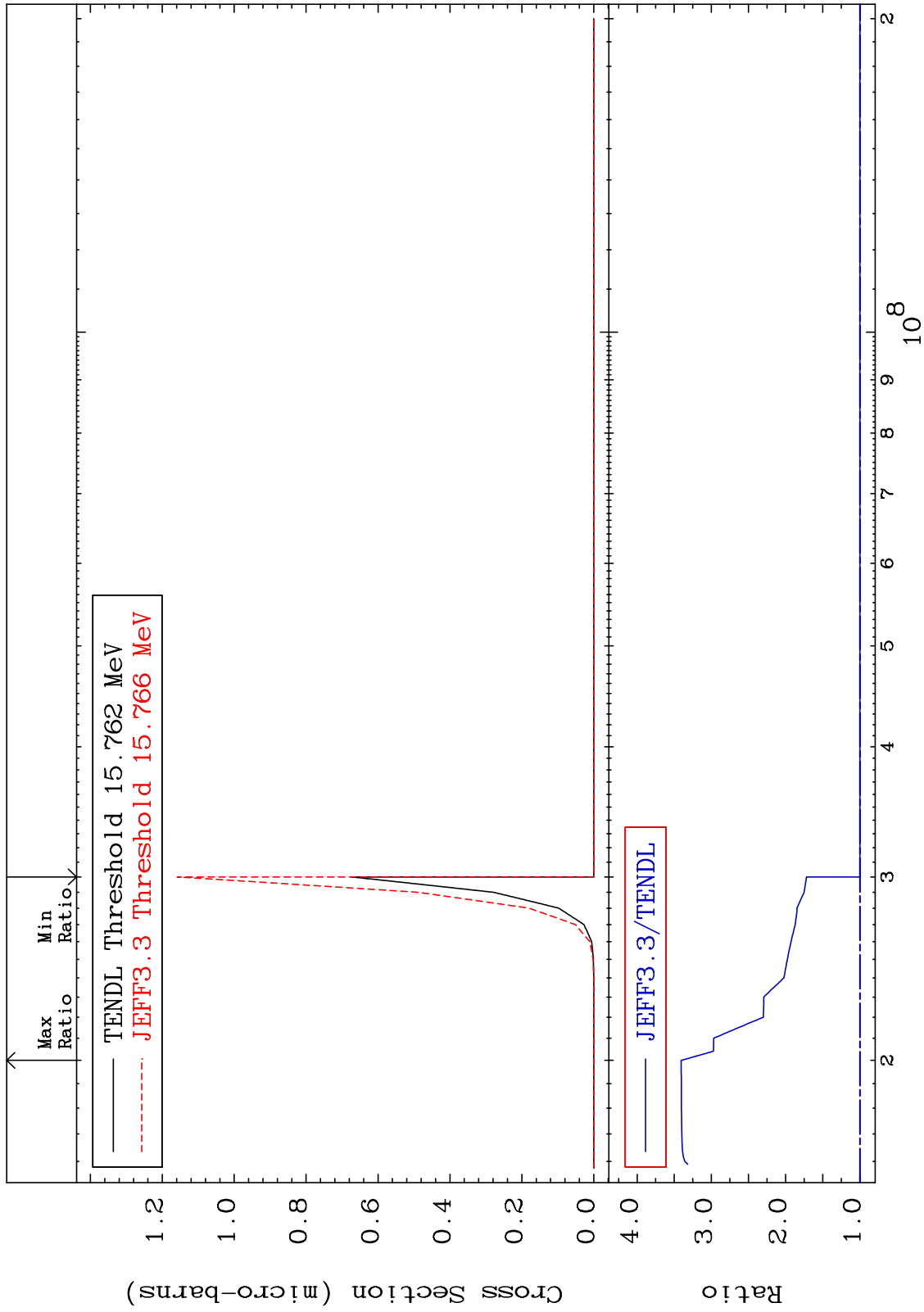
47-Ag-107

Cross Section

0.000 To 117.9 %



MAT 4725 (n,p) t 47-Ag-107
 Cross Section 0.000 To 240.6 %



MAT 4725

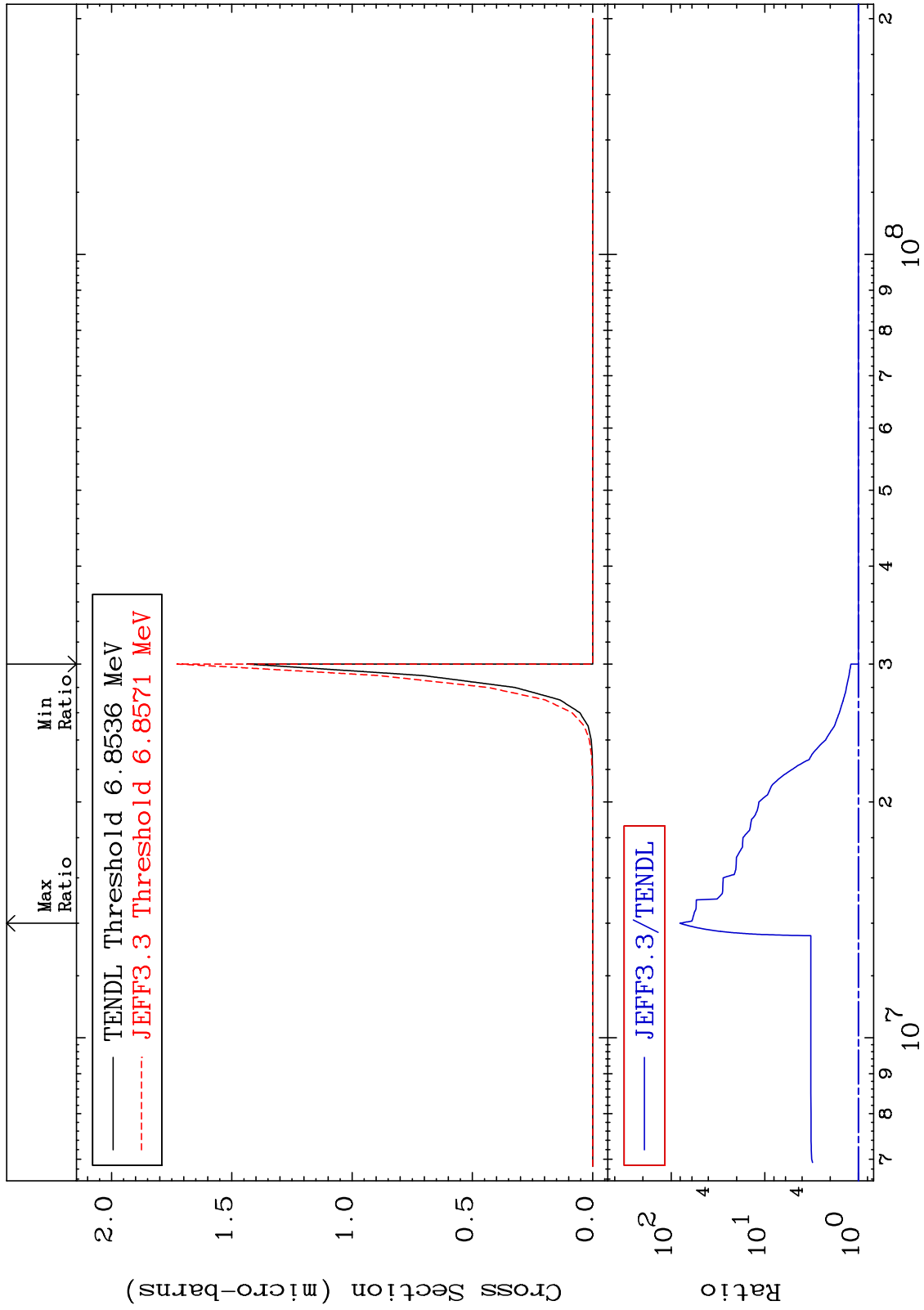
(n,d) α

47-Ag-107

Cross Section

0.000

To 7937. %



47-Ag-107

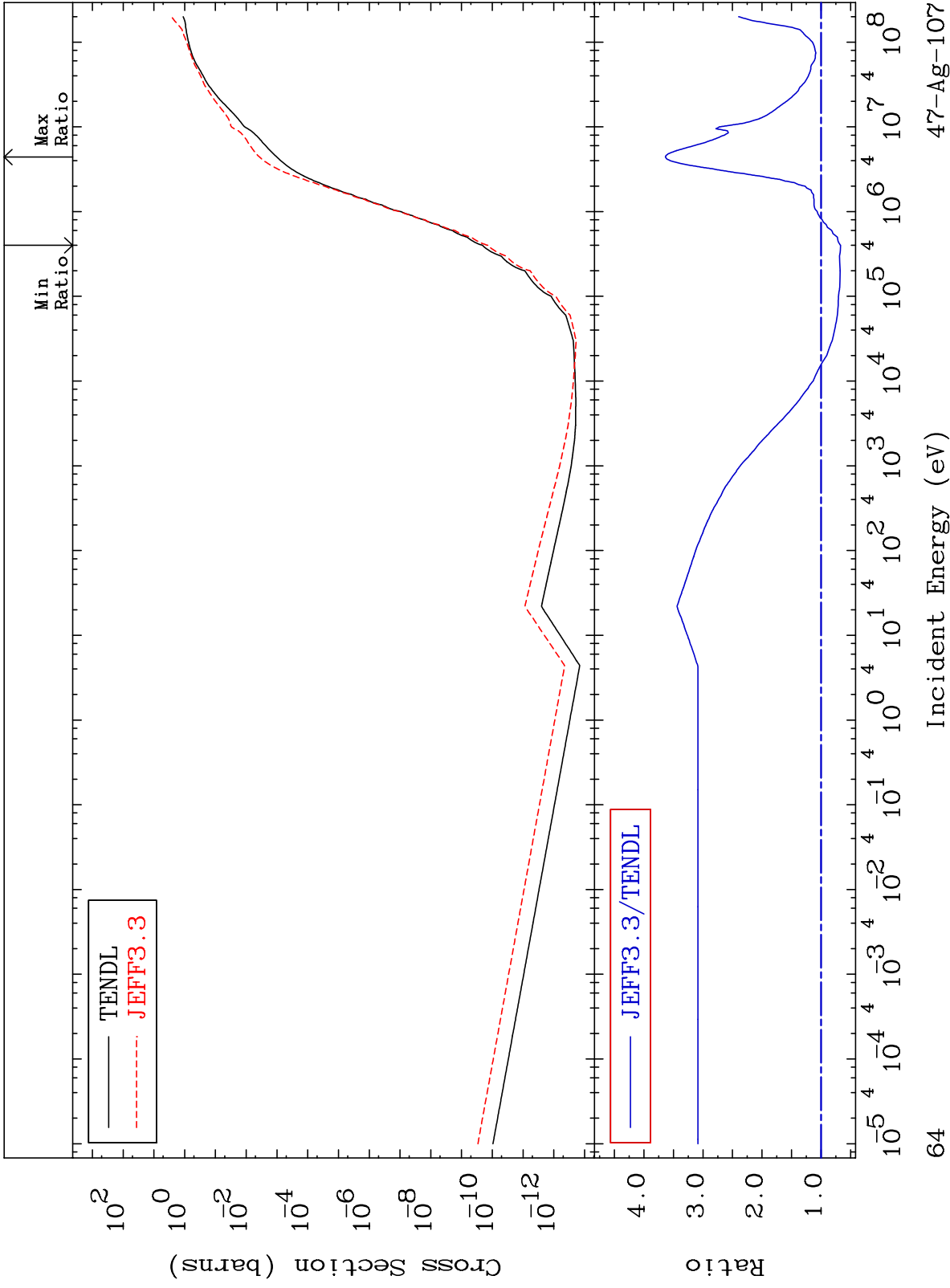
Incident Energy (eV)

63

MAT 4725

Hydrogen Production Cross Section

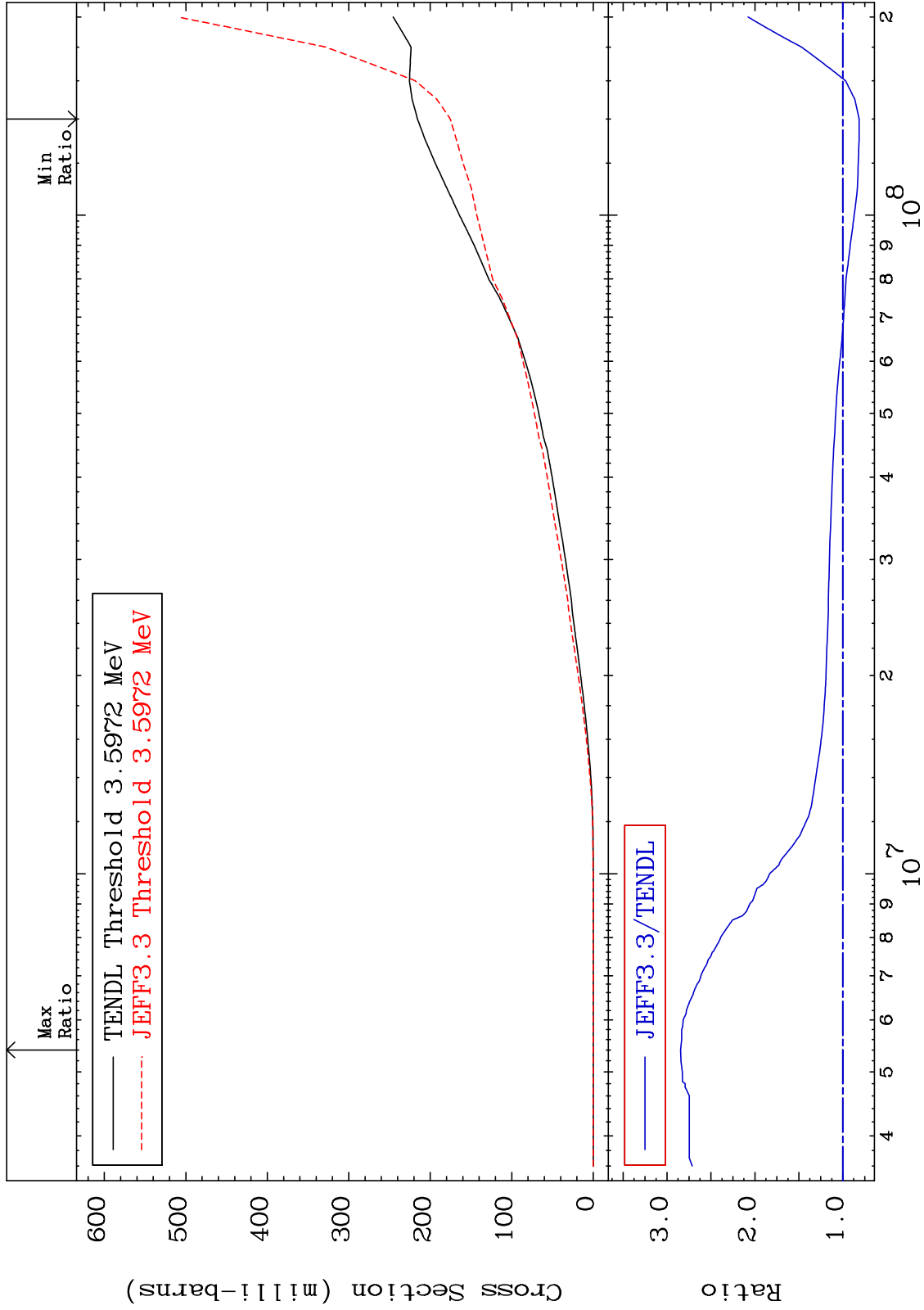
47-Ag-107
-33.18 To 263.6 %



MAT 4725

Deuterium Production
Cross Section

47-Ag-107
-18.66 To 184.5 %



65

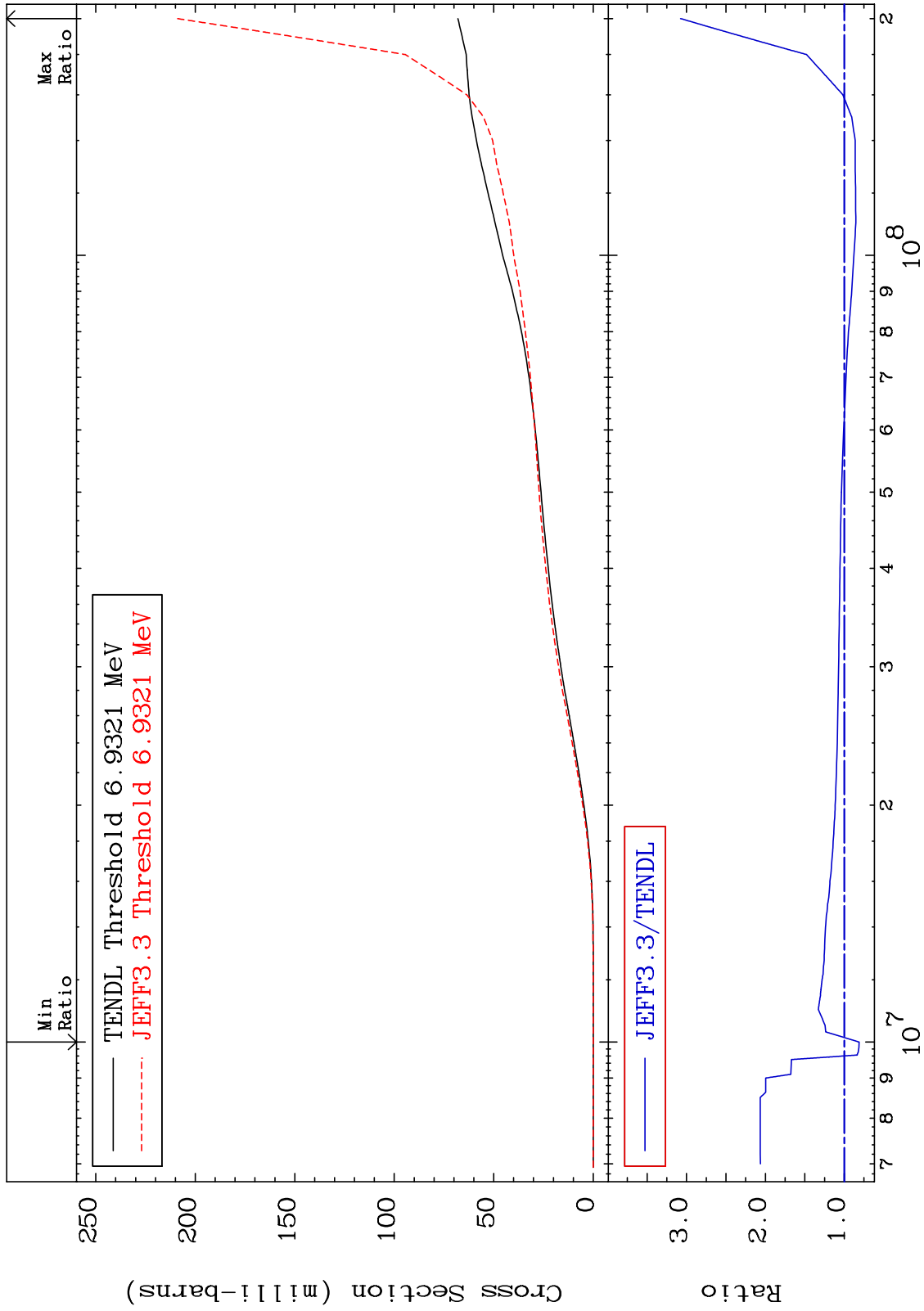
Incident Energy (eV)

47-Ag-107

MAT 4725

Tritium Production
Cross Section

47-Ag-107
-18.88 To 207.5 %



66

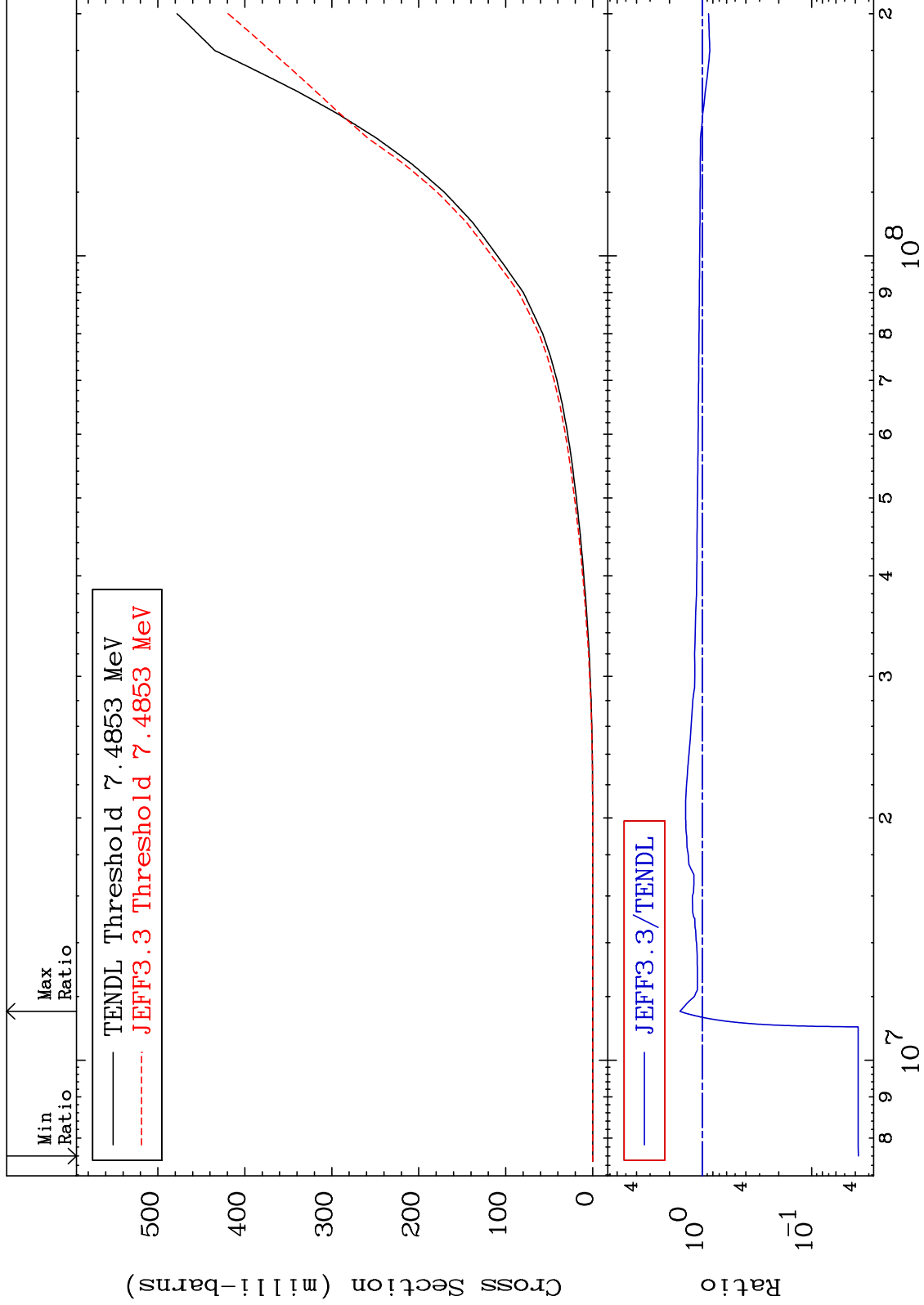
Incident Energy (eV)

47-Ag-107

MAT 4725

He-3 Production
Cross Section

47-Ag-107
-96.26 To 59.89 %



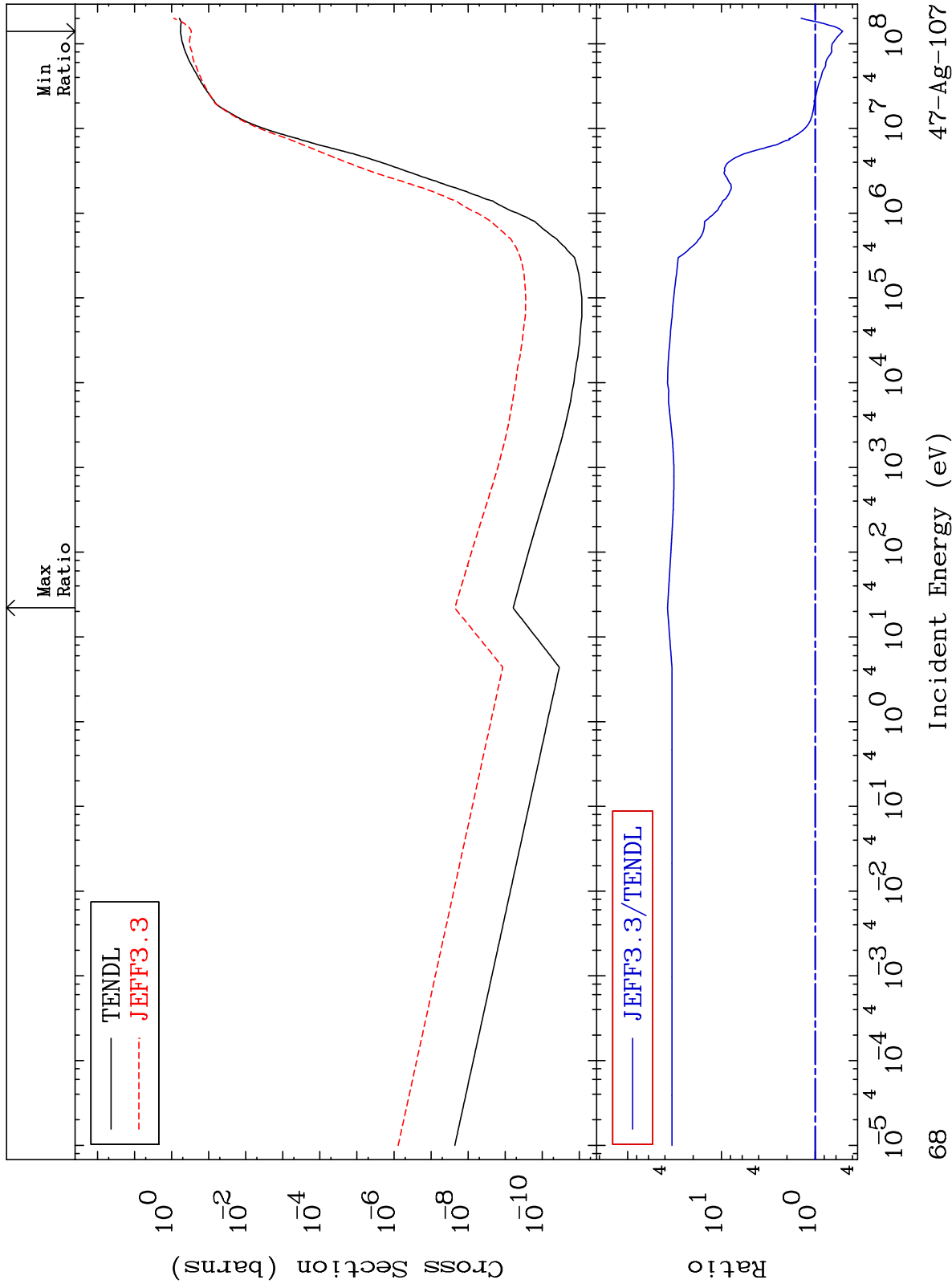
67

47-Ag-107

MAT 4725

He-4 Production
Cross Section

47-Ag-107
-49.09 To 3647. %



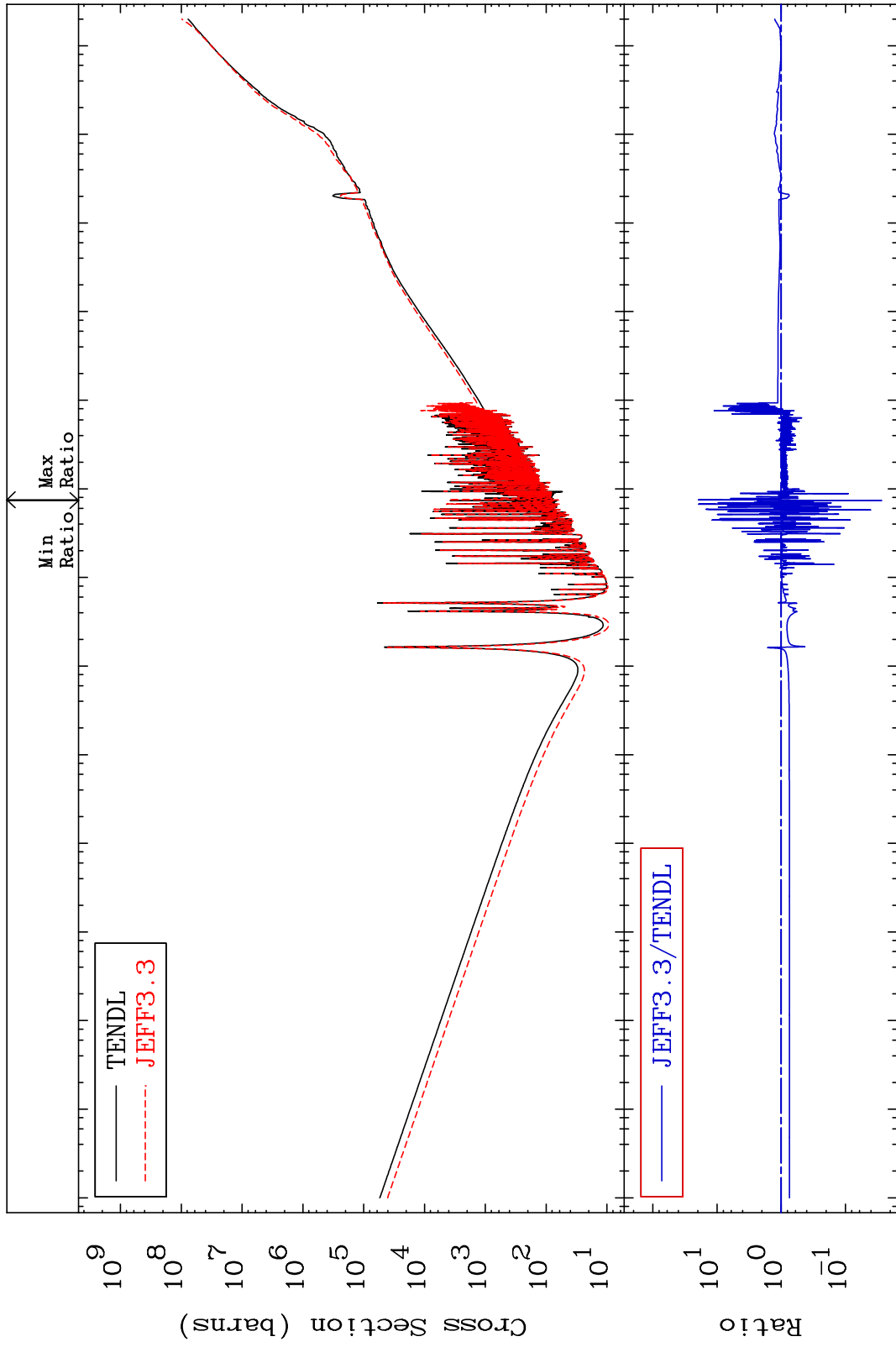
68

47-Ag-107

MAT 4725

Kerma total (eV-barns)
Cross Section

47-Ag-107
-97.27 To 1856. %



69

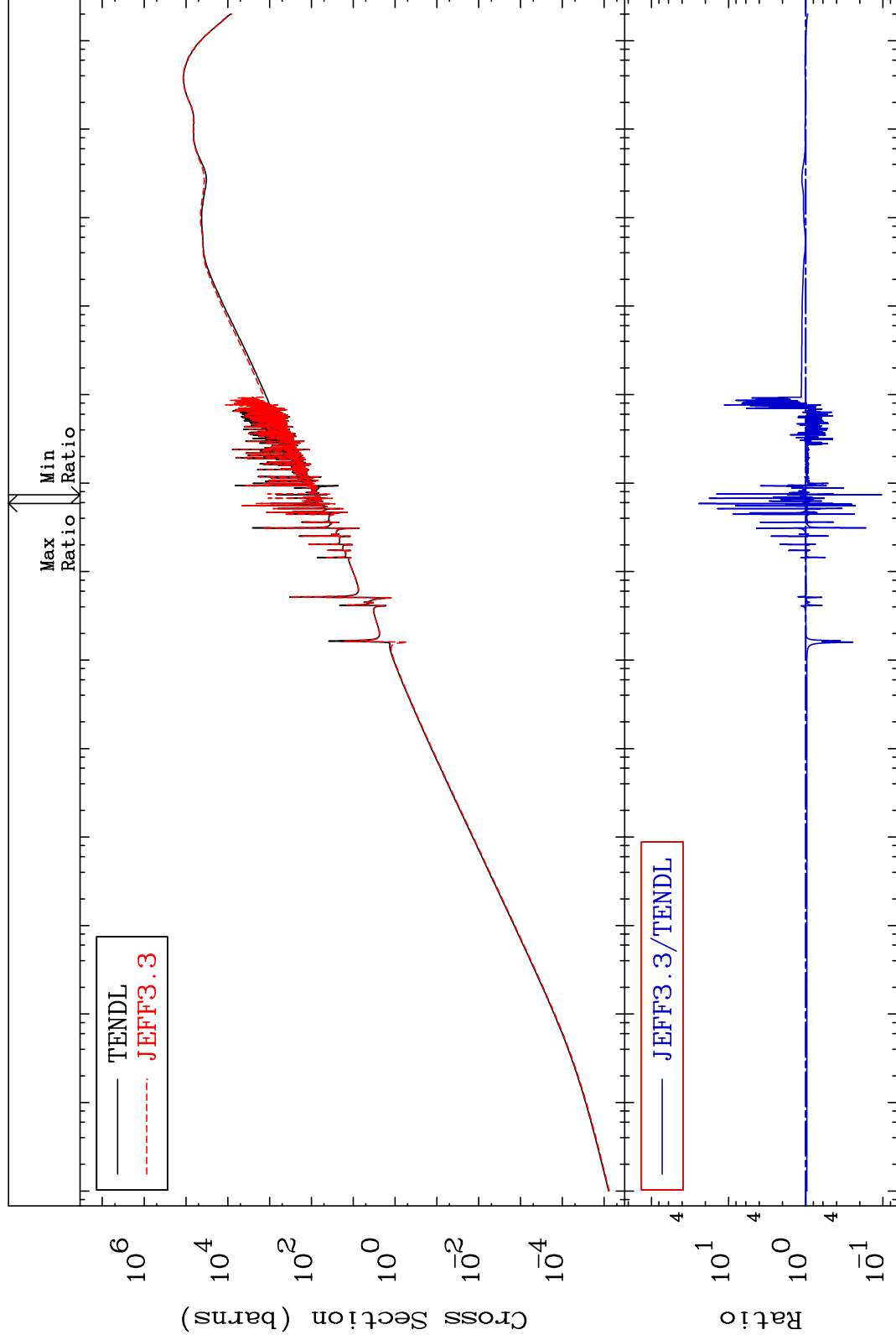
Incident Energy (eV)

47-Ag-107

MAT 4725

Kerma elastic
Cross Section

47-Ag-107
-89.57 To 2338. %



70

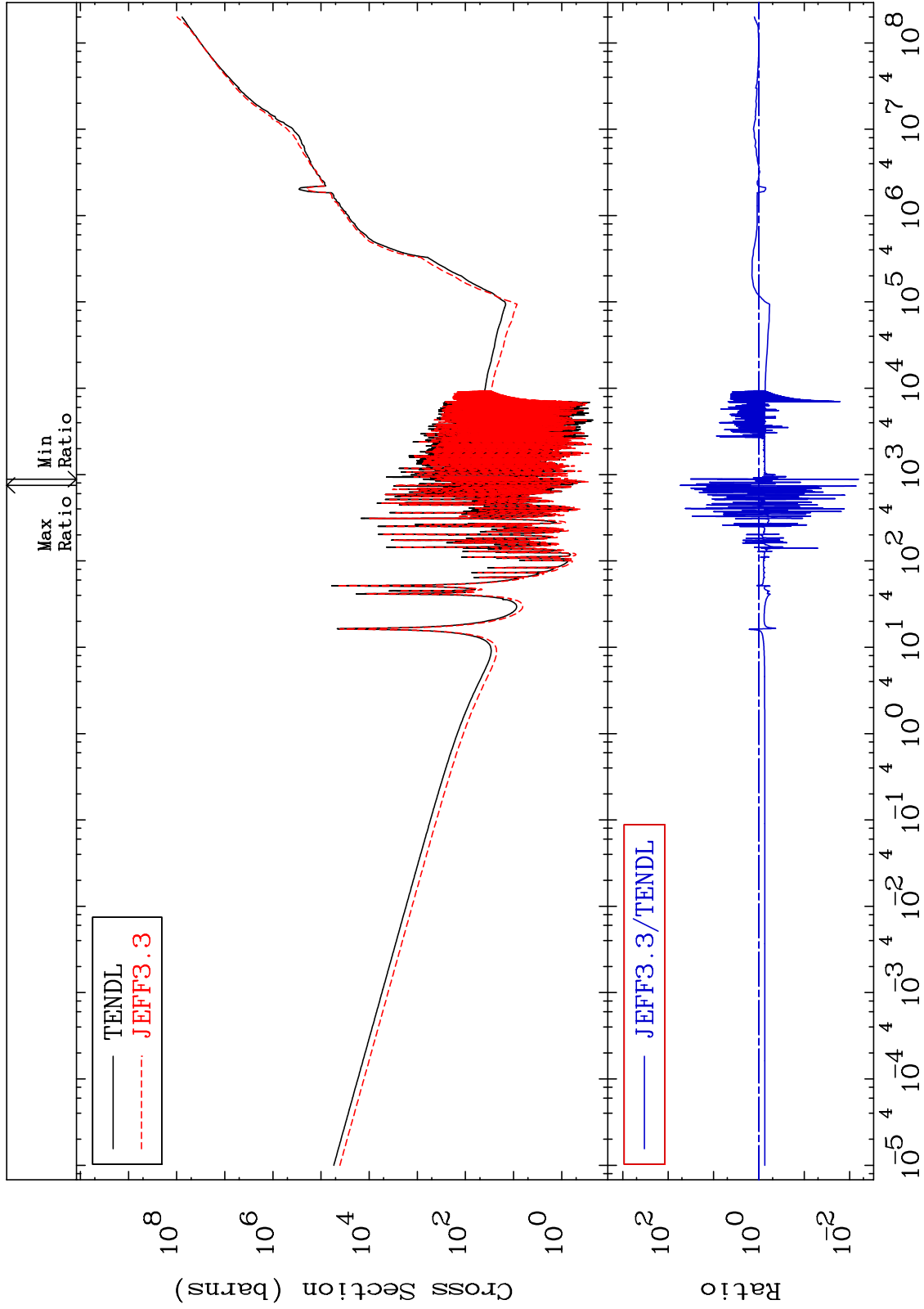
Incident Energy (eV)

47-Ag-107

MAT 4725

Kerma non-elastic (all but mt2)
Cross Section

47-Ag-107
-99.36 To 5410. %



71

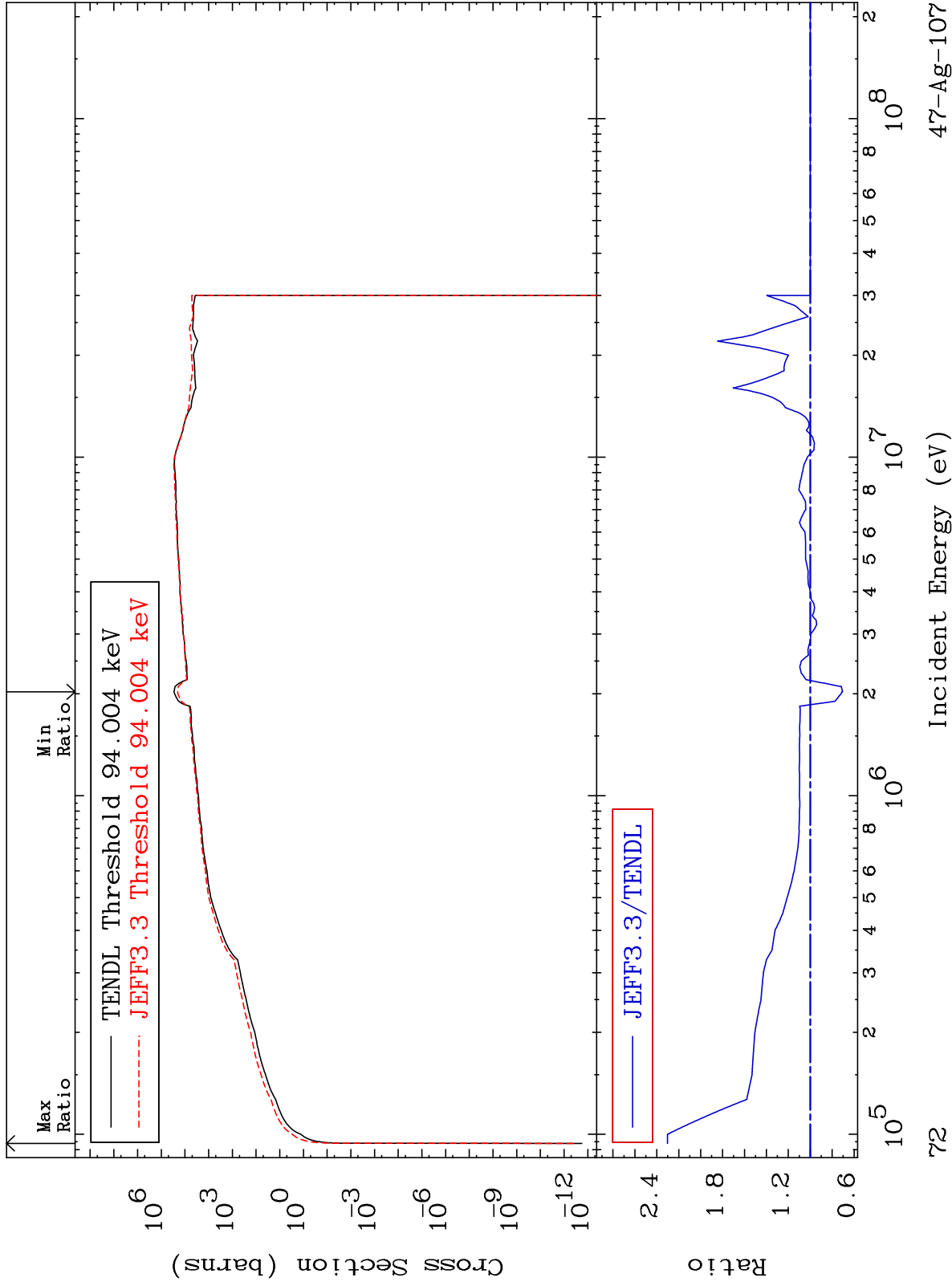
Incident Energy (eV)

47-Ag-107

MAT 4725

Kerma inelastic (mt51-91)
Cross Section

47-Ag-107
-29.57 To 130.2 %



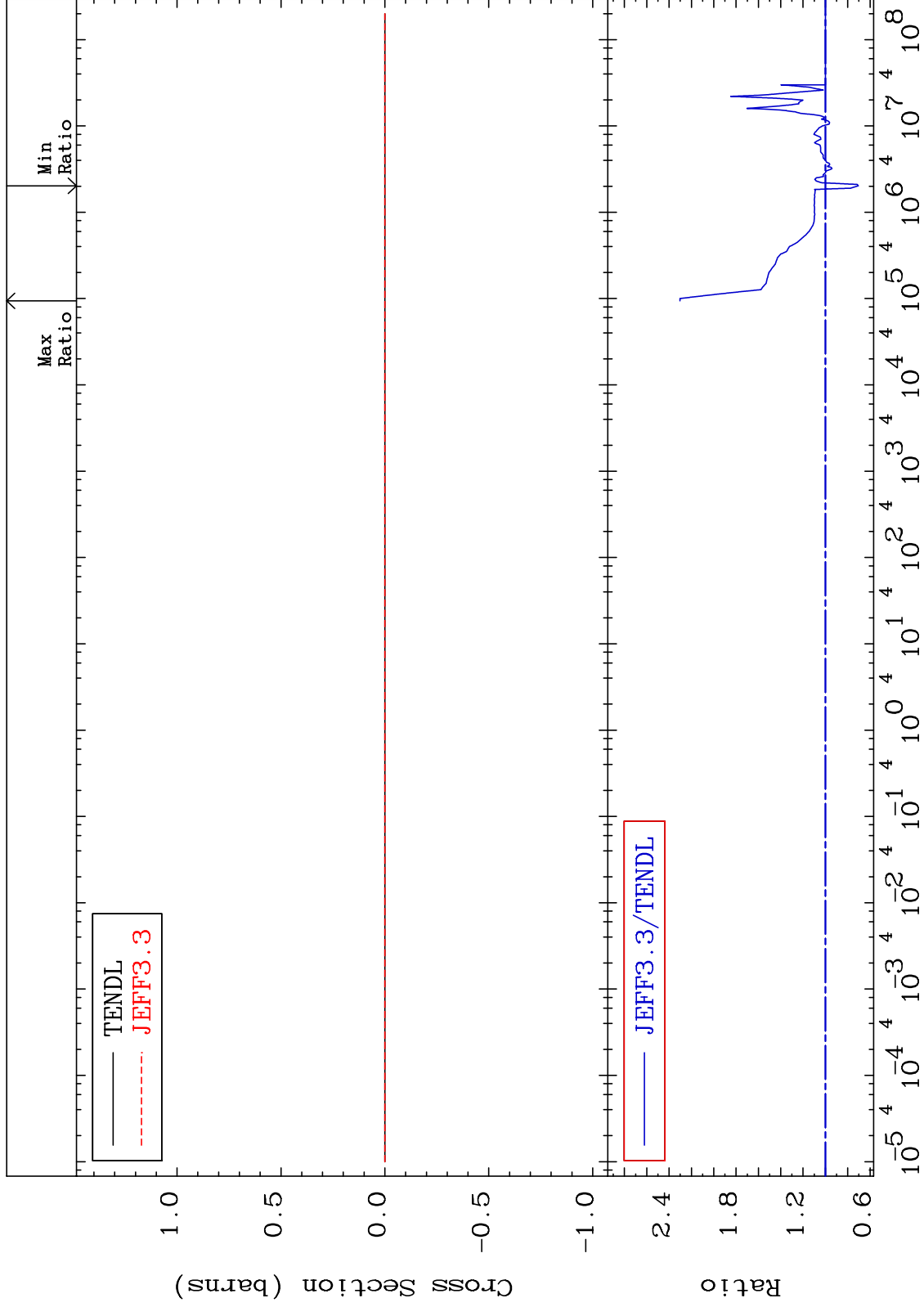
72

47-Ag-107

MAT 4725

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

47-Ag-107
-29.57 To 130.2 %



73

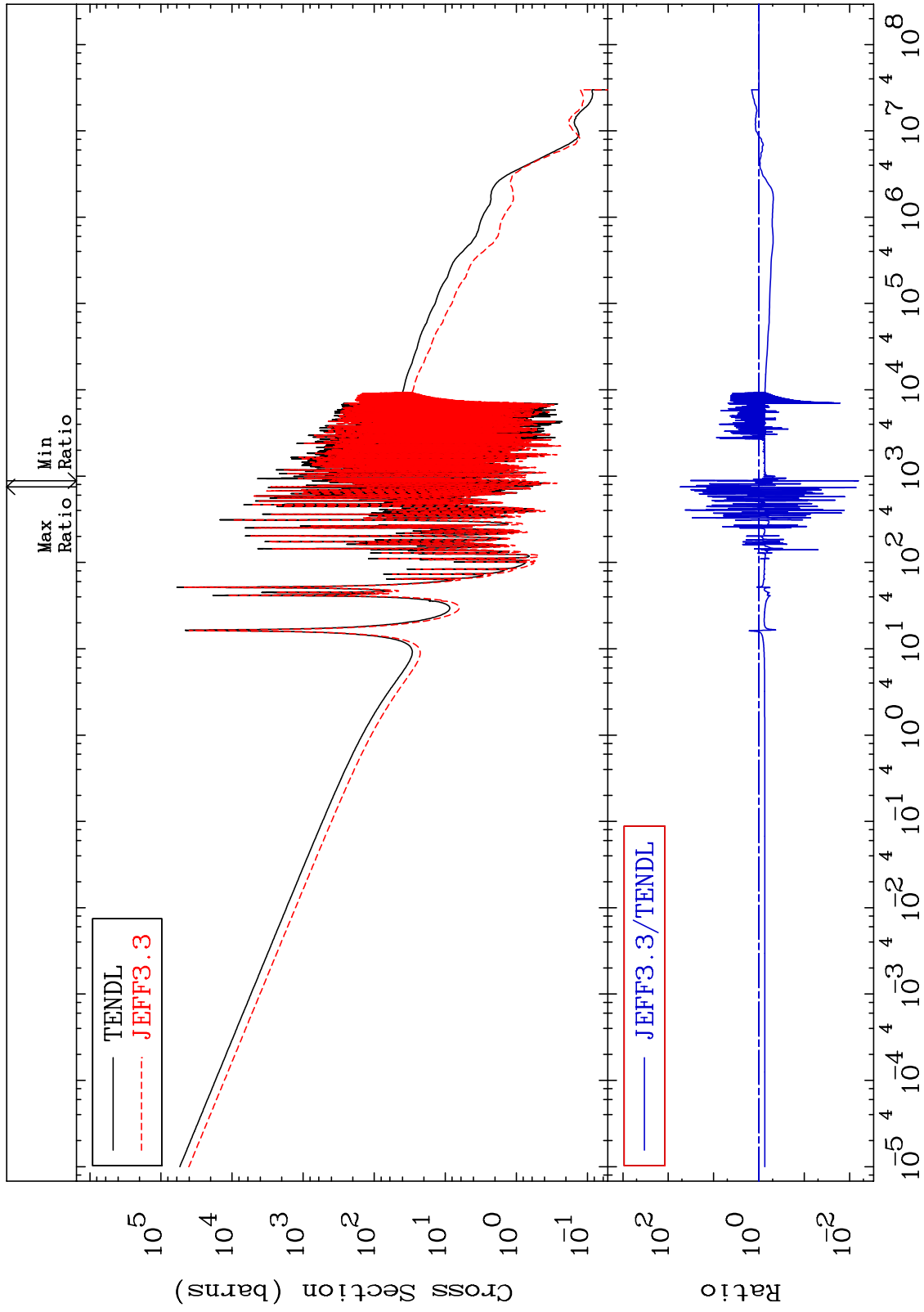
Incident Energy (eV)

47-Ag-107

MAT 4725

Kerma capture (mt102)
Cross Section

47-Ag-107
-99.36 To 5410. %



74

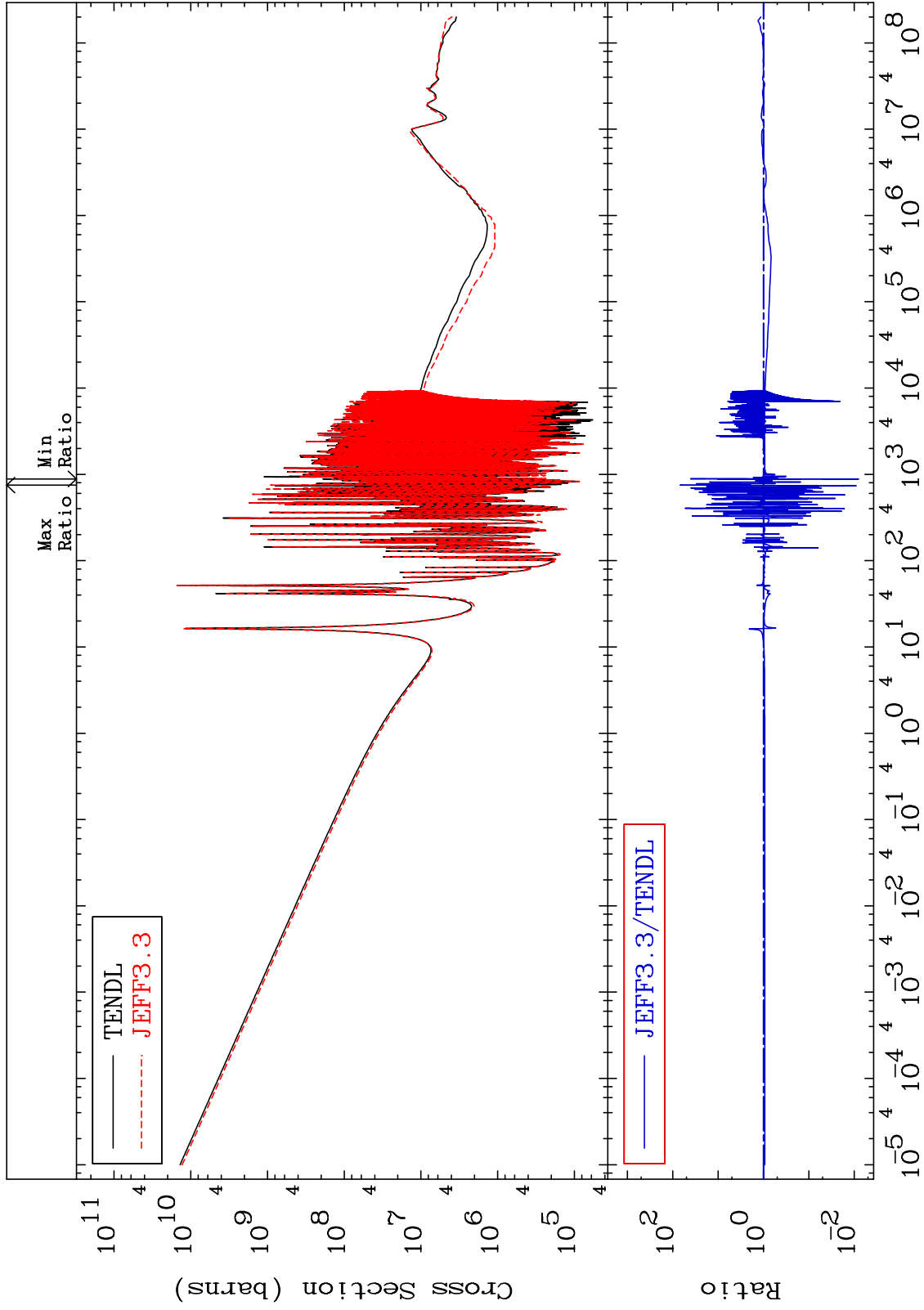
Incident Energy (eV)

47-Ag-107

MAT 4725

Total photon (eV-barns)
Cross Section

47-Ag-107
-99.19 To 6829. %



75

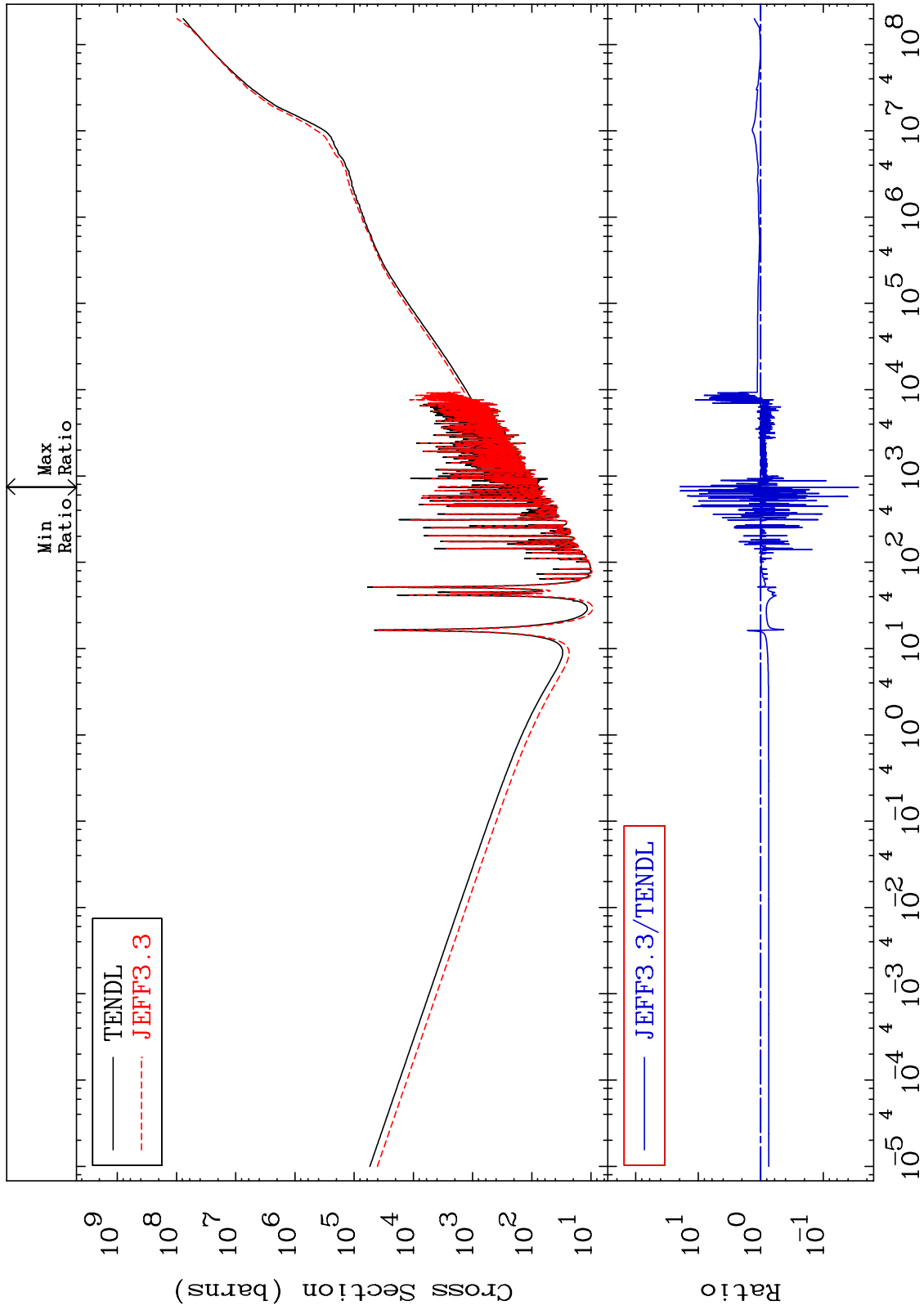
Incident Energy (eV)

47-Ag-107

MAT 4725

Total kinematic kerma (high limit)
Cross Section

47-Ag-107
-97.27 To 1856. %



76

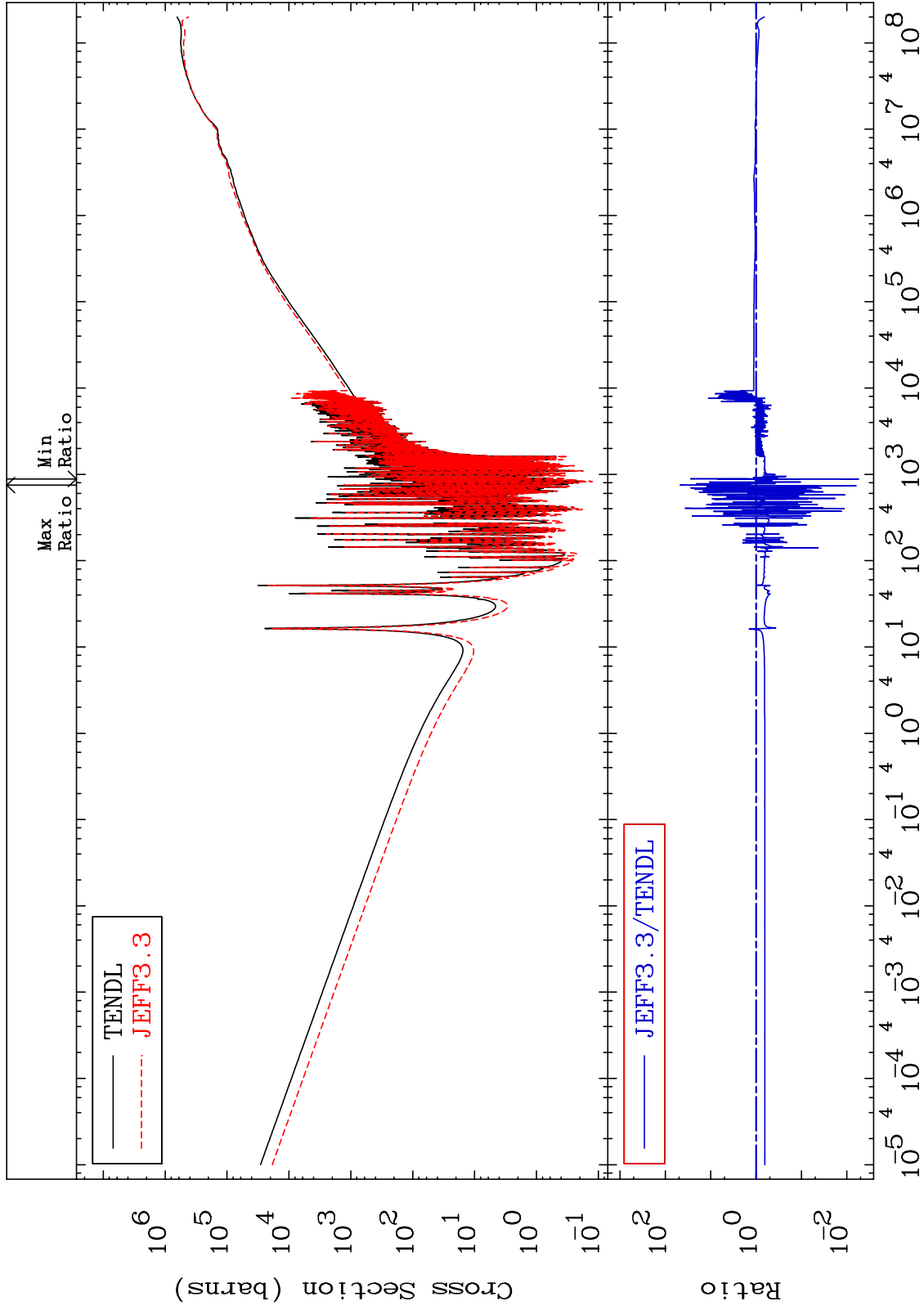
Incident Energy (eV)

47-Ag-107

MAT 4725

Dpa total (eV-barns)
Cross Section

47-Ag-107
-99.44 To 4664. %



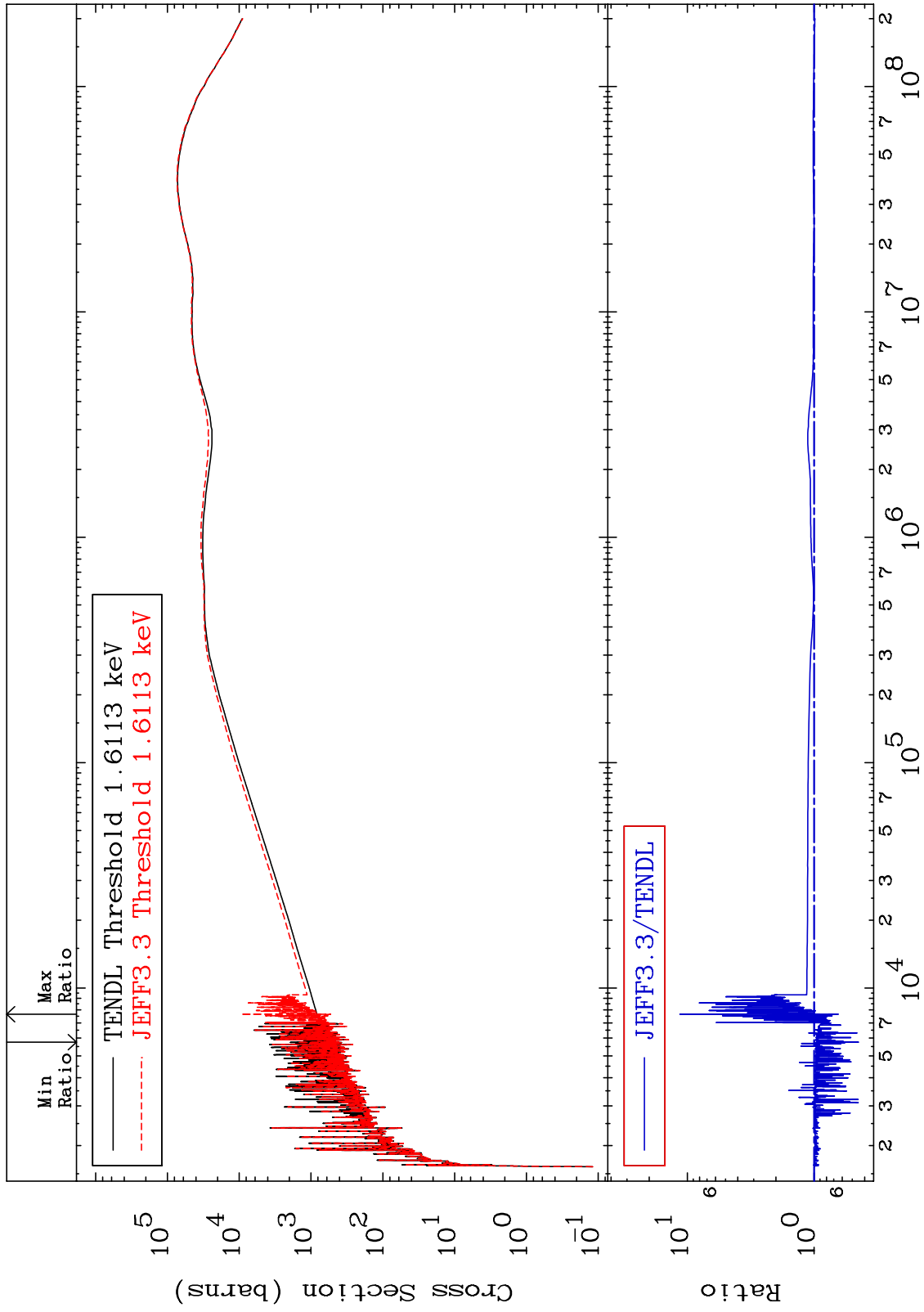
77

47-Ag-107

MAT 4725

Dpa elastic (mt2)
Cross Section

47-Ag-107
-55.21 To 1043. %



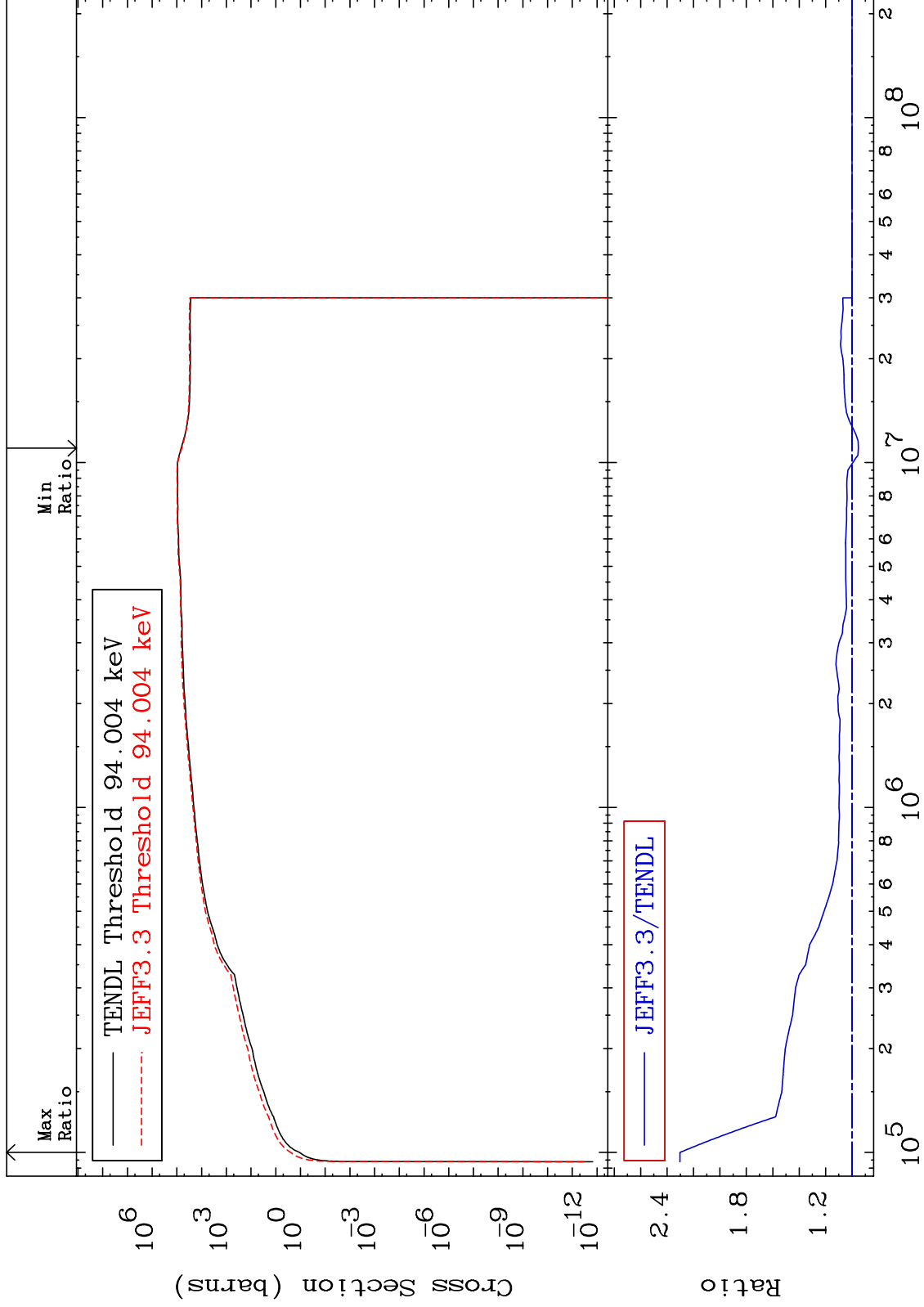
78

47-Ag-107

MAT 4725

Dpa inelastic (mt51-91)
Cross Section

47-Ag-107
-4.817 To 130.2 %



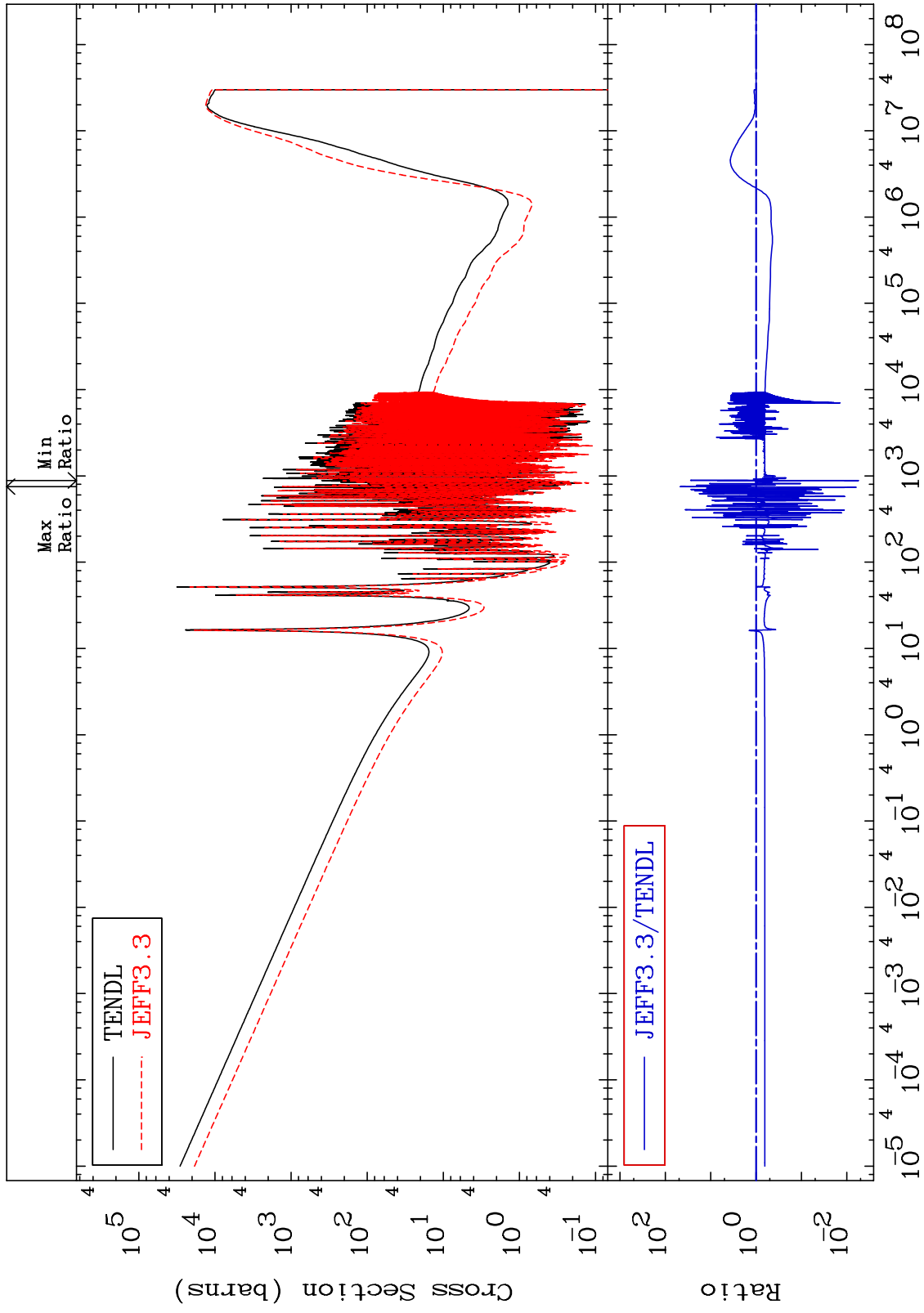
79

47-Ag-107

MAT 4725

Dpa disappearance (mt102 -120)
Cross Section

47-Ag-107
-99.44 To 4664. %



80

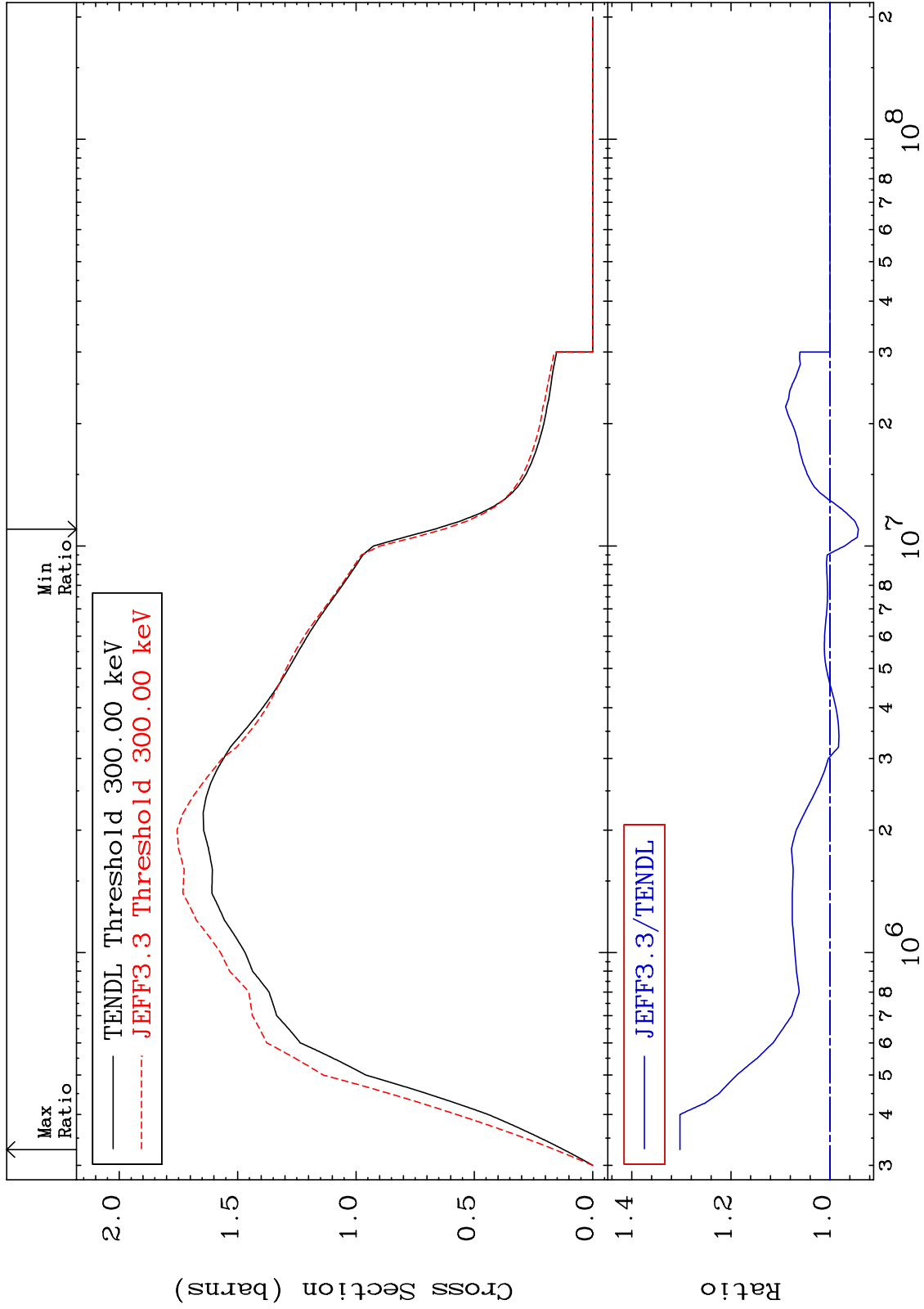
Incident Energy (eV)

47-Ag-107

MAT 4725

Inelastic: 47-Ag-107
Radionuclide Production Cross Section -5.719 To 30.26 %

47-Ag-107

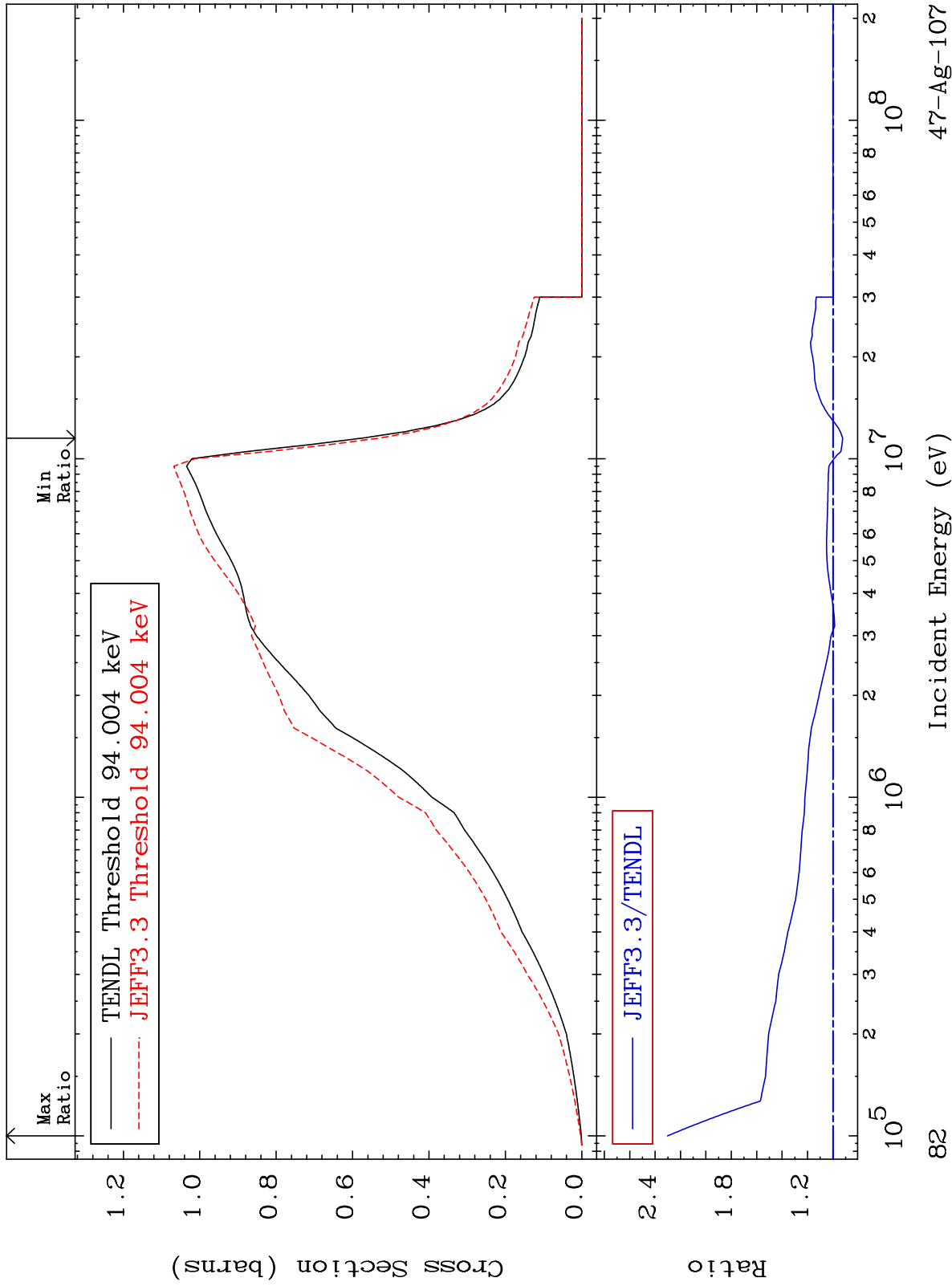


MAT 4725

Inelastic:47-Ag-107m1

47-Ag-107

Radionuclide Production Cross Section -7.688 To 130.2 %

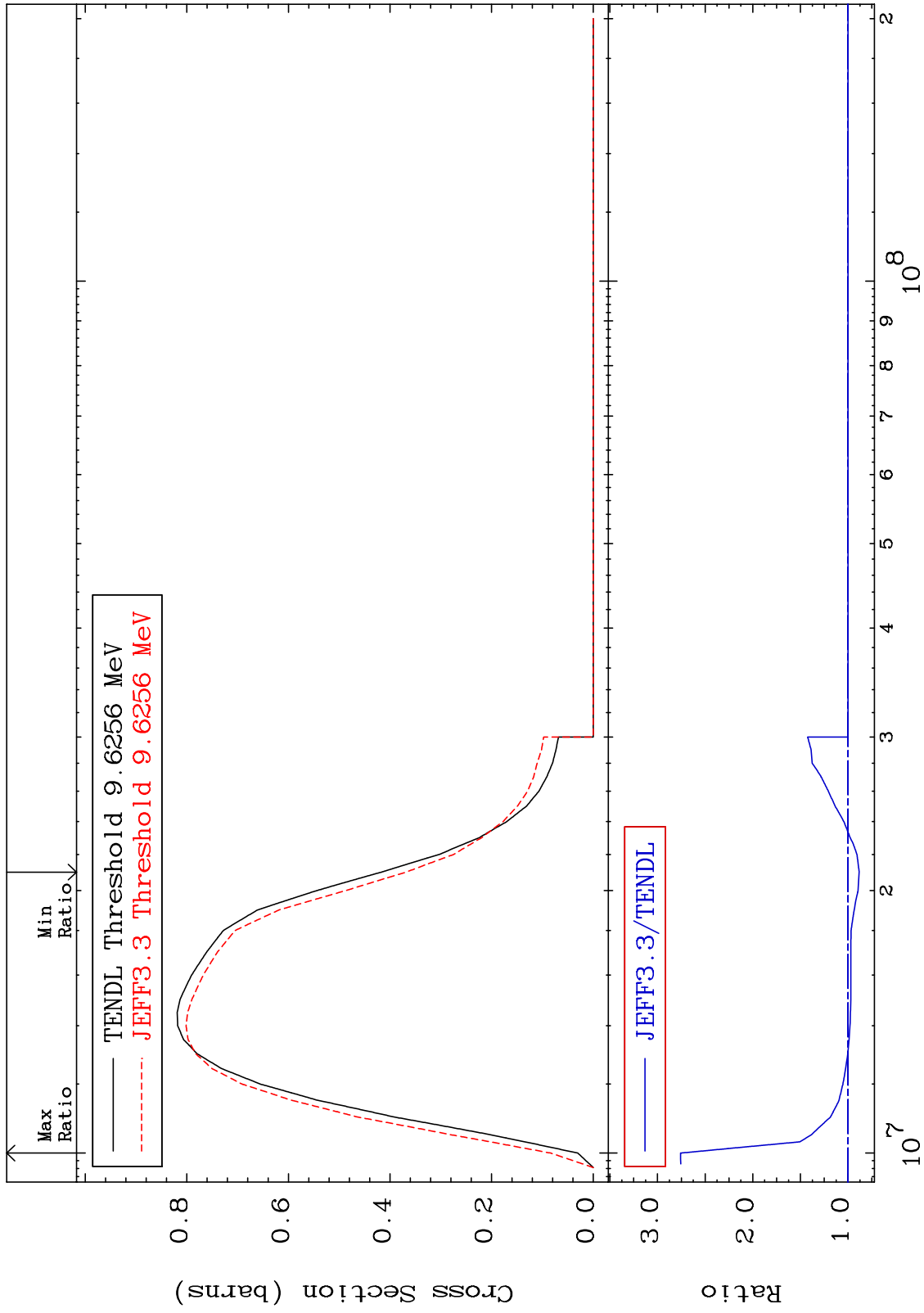


MAT 4725

(n,2n):47-Ag-106g

47-Ag-107

Radionuclide Production Cross Section -11.66 To 175.8 %



Incident Energy (eV)

47-Ag-107

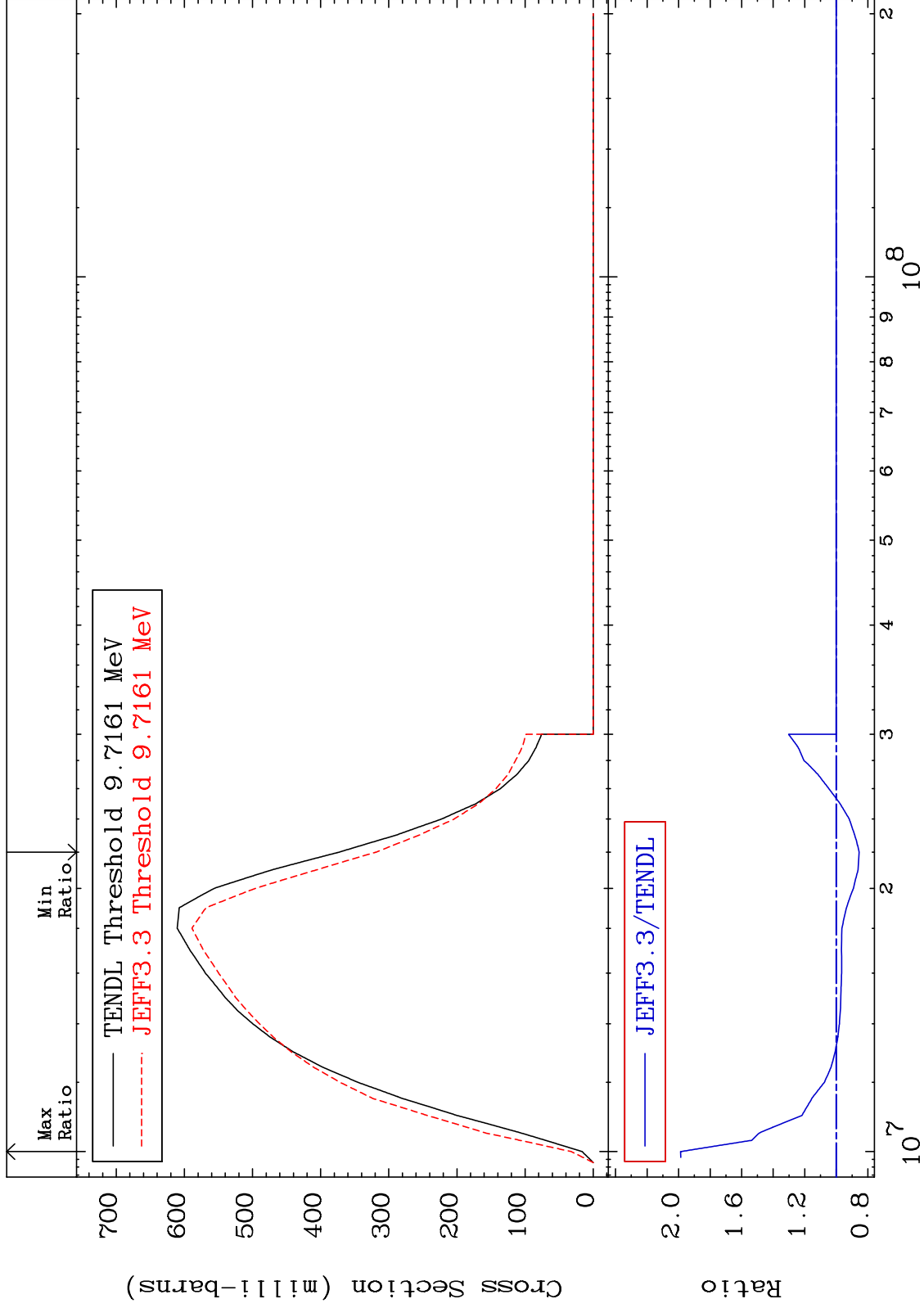
83

MAT 4725

(n,2n) : 47-Ag-106m1

47-Ag-107

Radionuclide Production Cross Section -14.52 To 98.72 %



84

Incident Energy (eV)

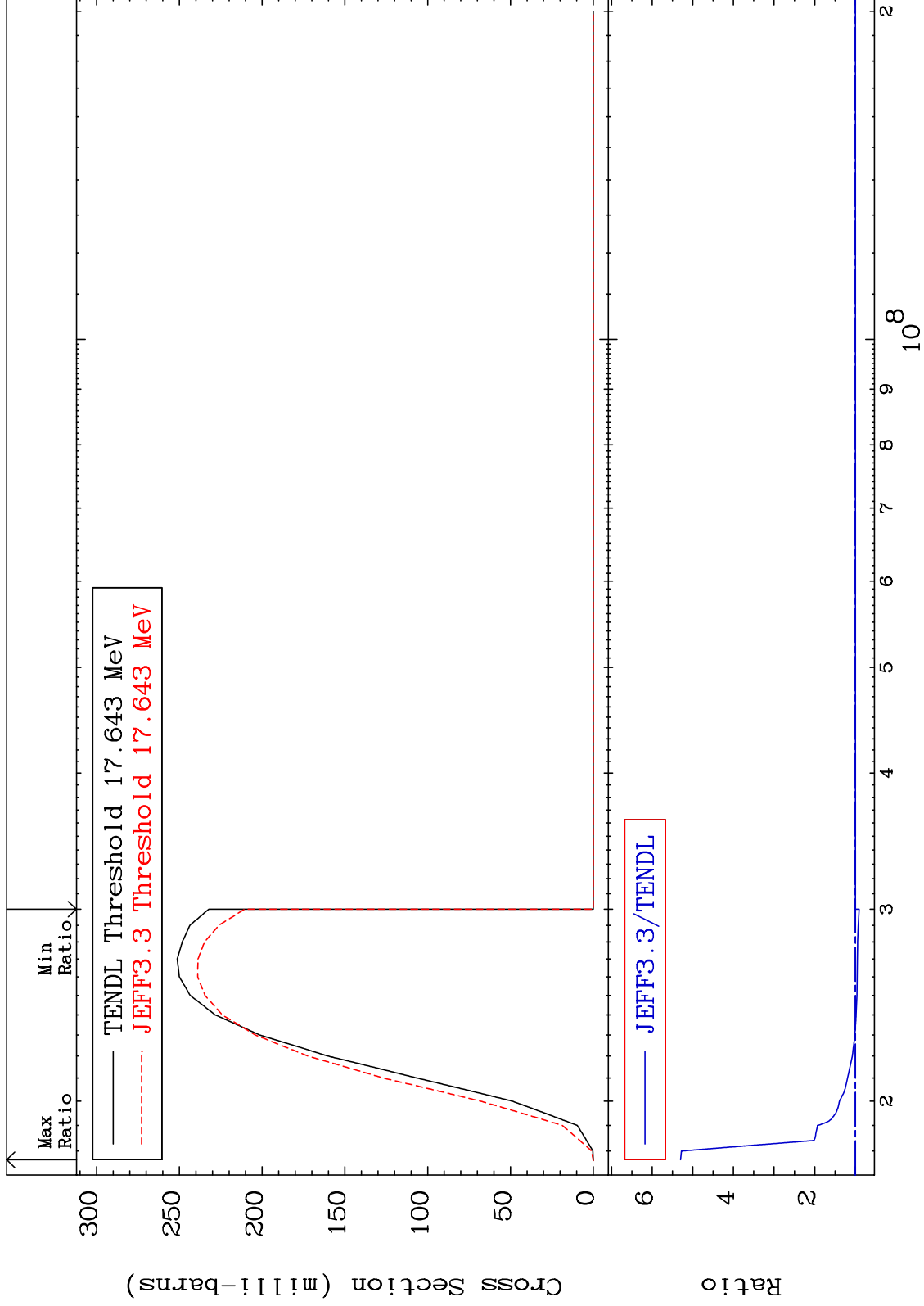
47-Ag-107

MAT 4725

(n,3n) : 47-Ag-105g

47-Ag-107

Radionuclide Production Cross Section -9.319 To 429.9 %



85

Incident Energy (eV)

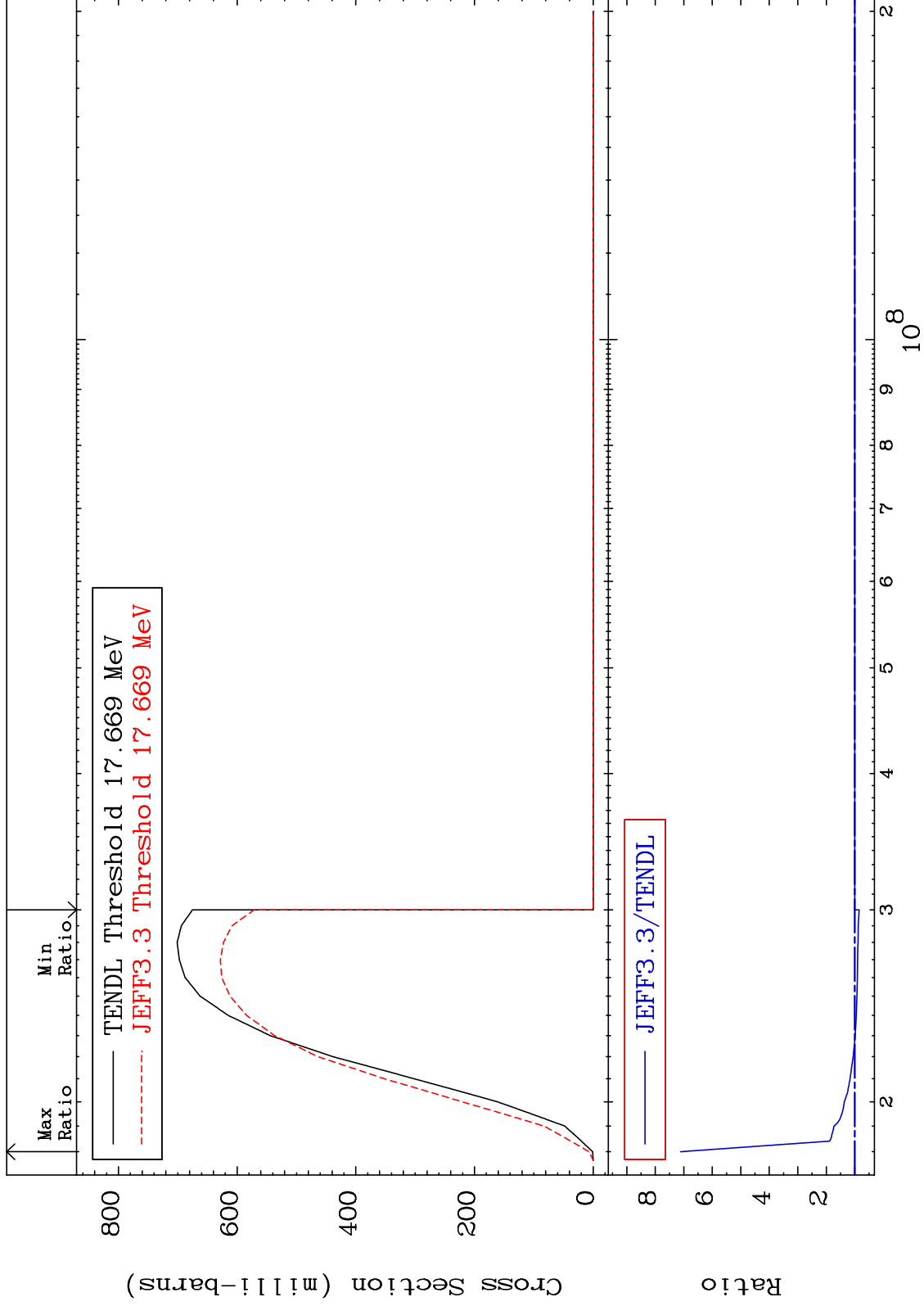
47-Ag-107

MAT 4725

(n, 3n) : 47-Ag-105m1

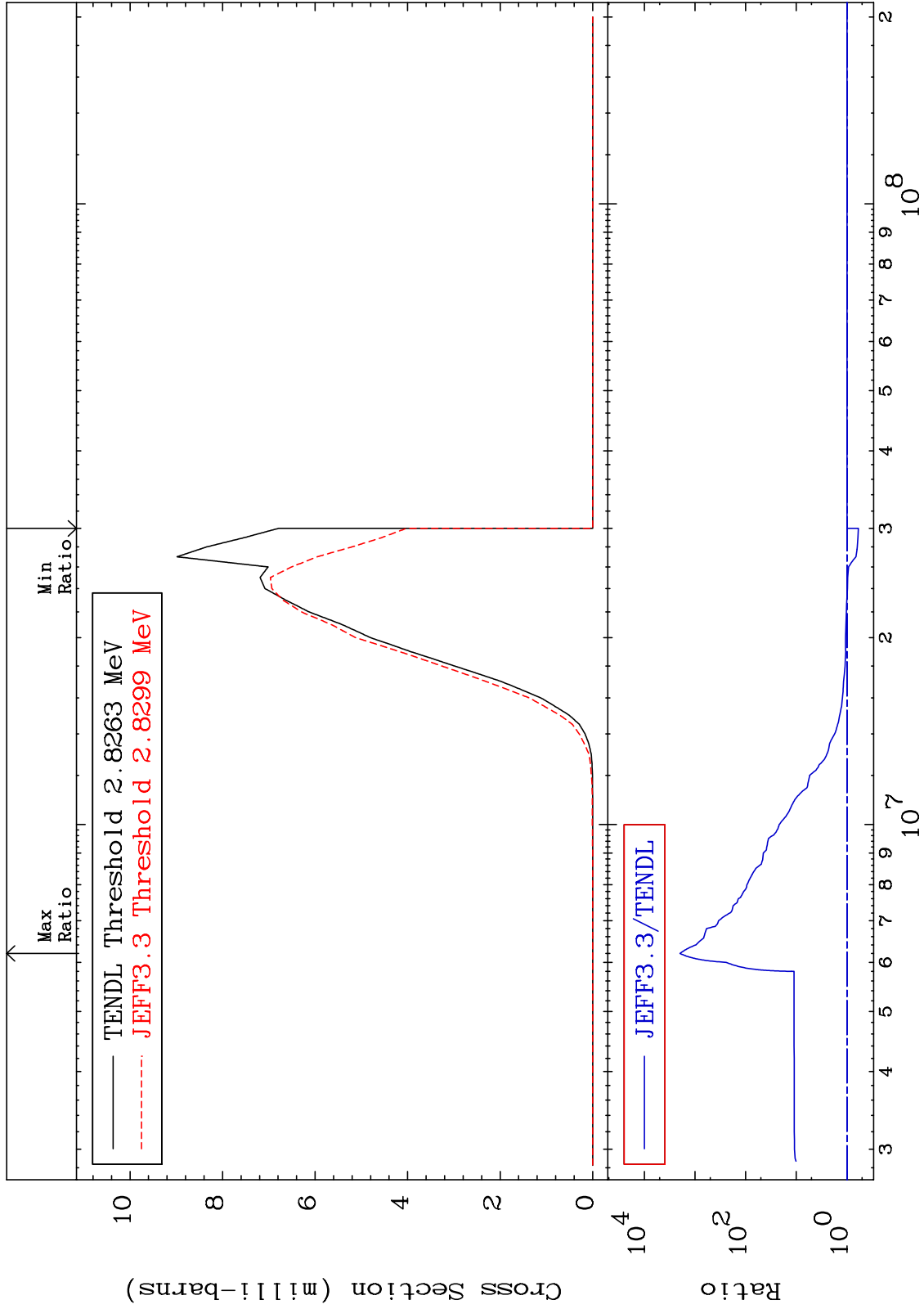
47-Ag-107

Radionuclide Production Cross Section -15.41 To 611.0 %



MAT 4725

(n, n') α : 45-Rh-103g 47-Ag-107
Radionuclide Production Cross Section -40.68 To 9999. %



87

47-Ag-107

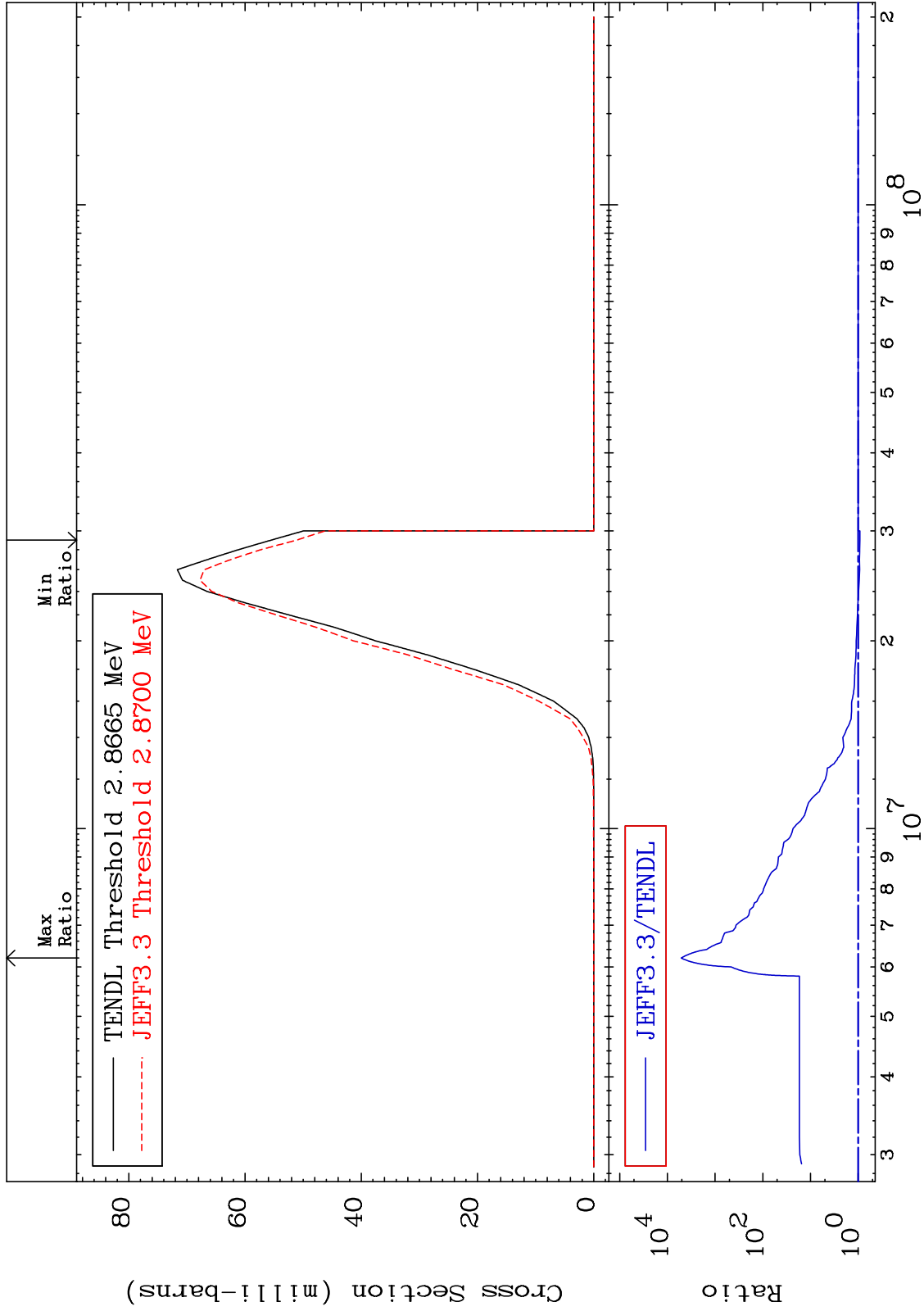
47-Ag-107

MAT 4725

(n, n') α : 45-Rh-103m1

47-Ag-107

Radionuclide Production Cross Section -7.886 To 9999. %

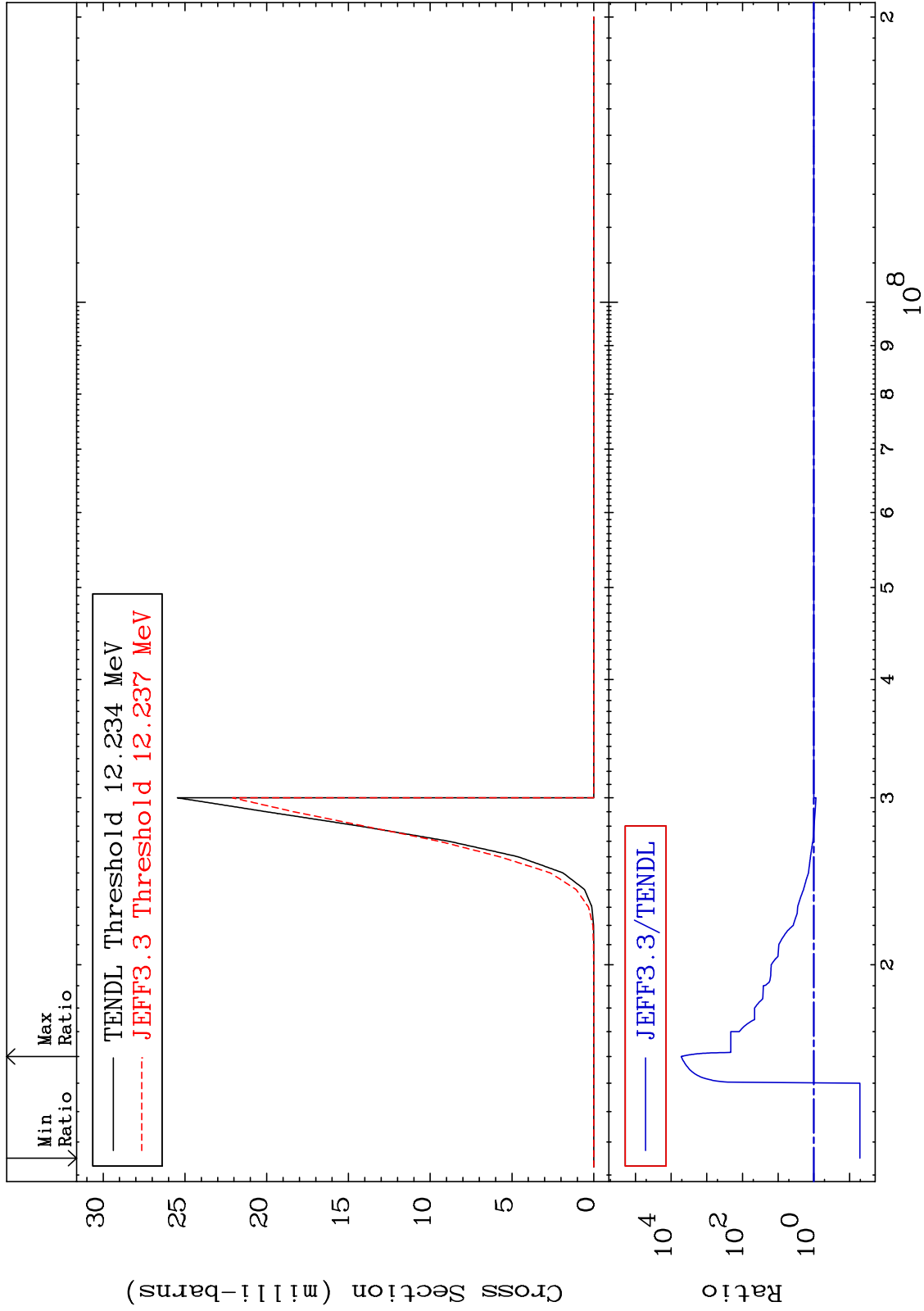


MAT 4725

(n,2n) α :45-Rh-102g

47-Ag-107

Radionuclide Production Cross Section -94.90 To 9999. %

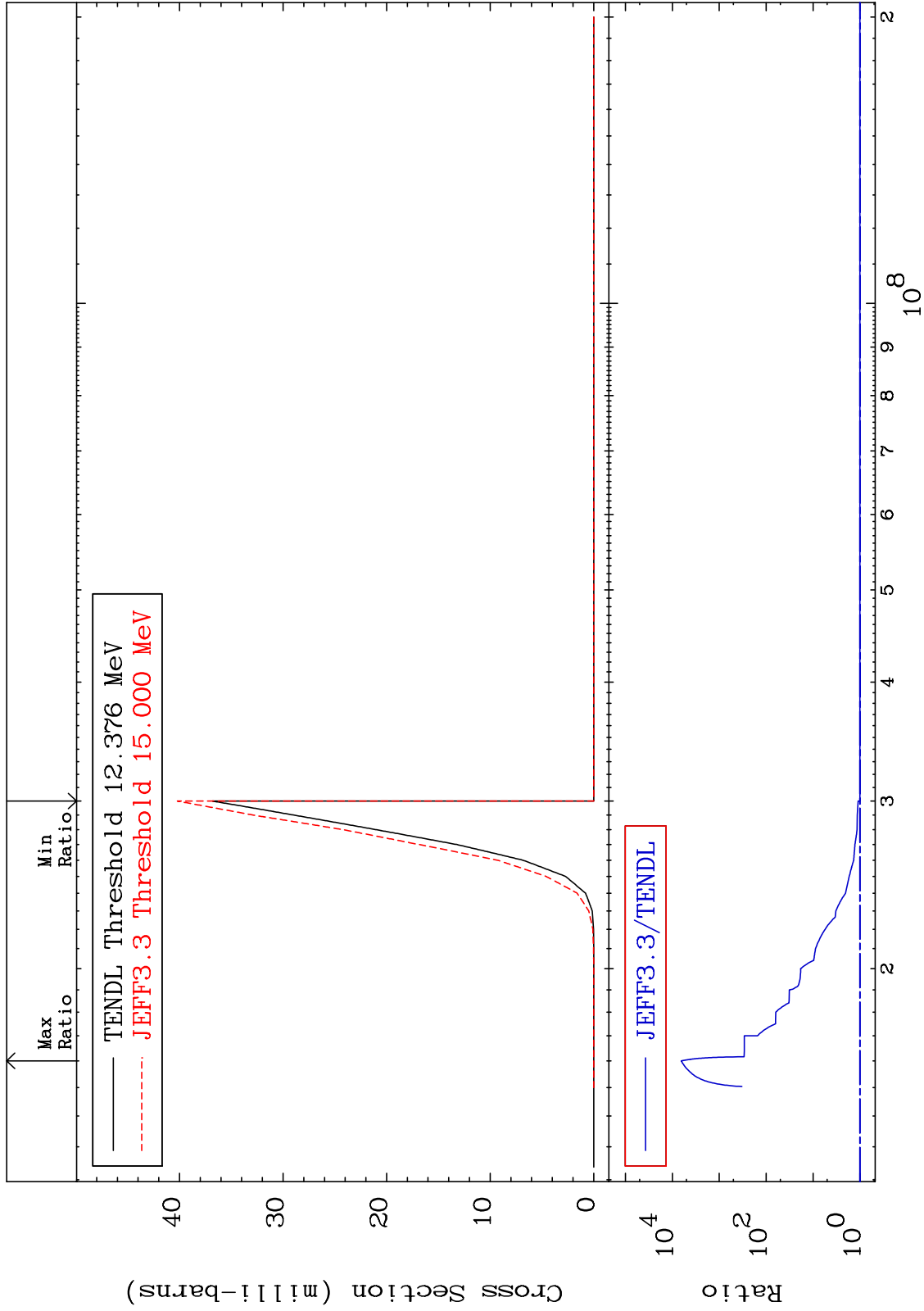


MAT 4725

(n,2n) α : 45-Rh-102m5

47-Ag-107

Radionuclide Production Cross Section 0.000 To 9999. %

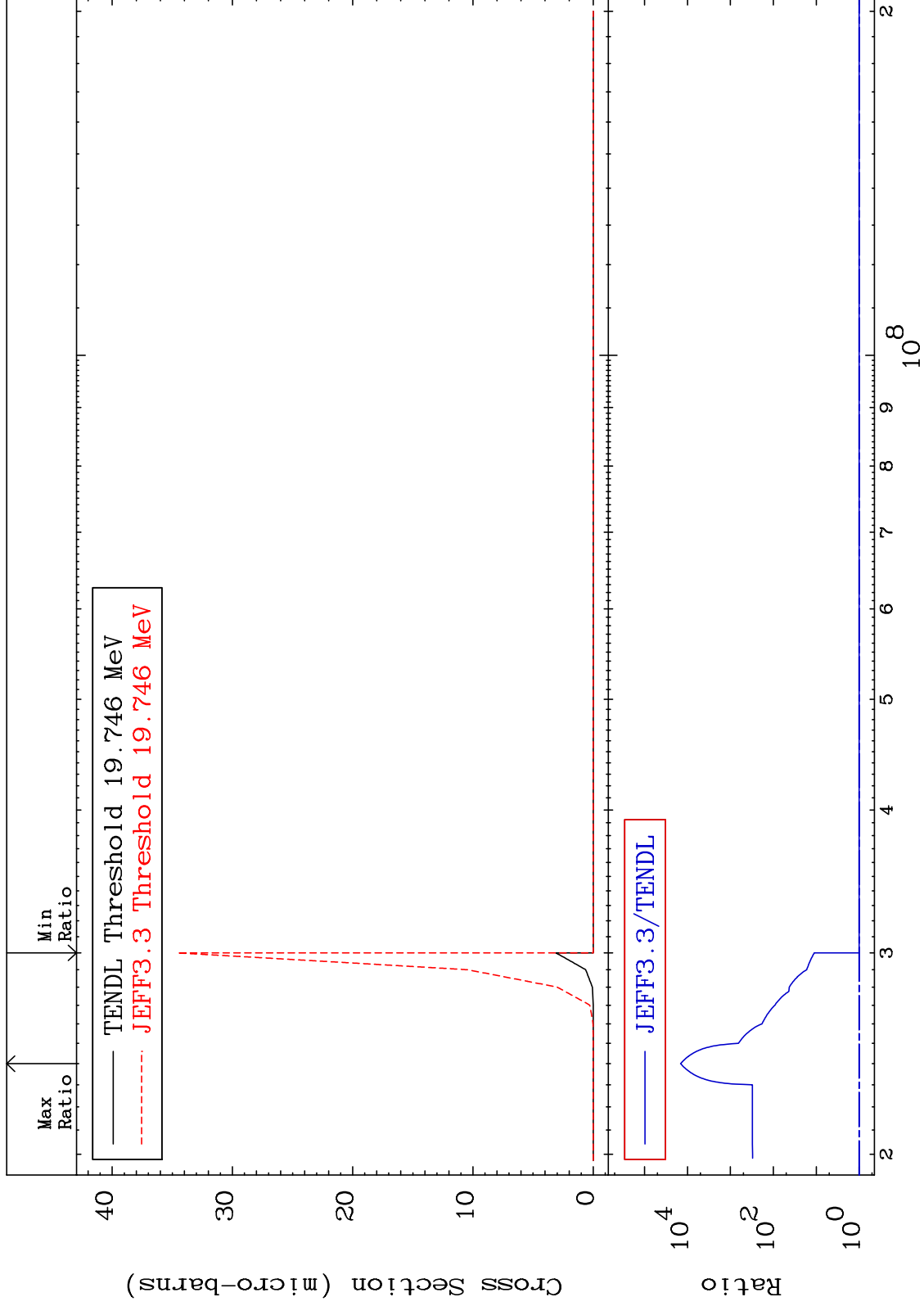


MAT 4725

(n,3n) α :45-Rh-101g

47-Ag-107

Radionuclide Production Cross Section 0.000 To 9999. %

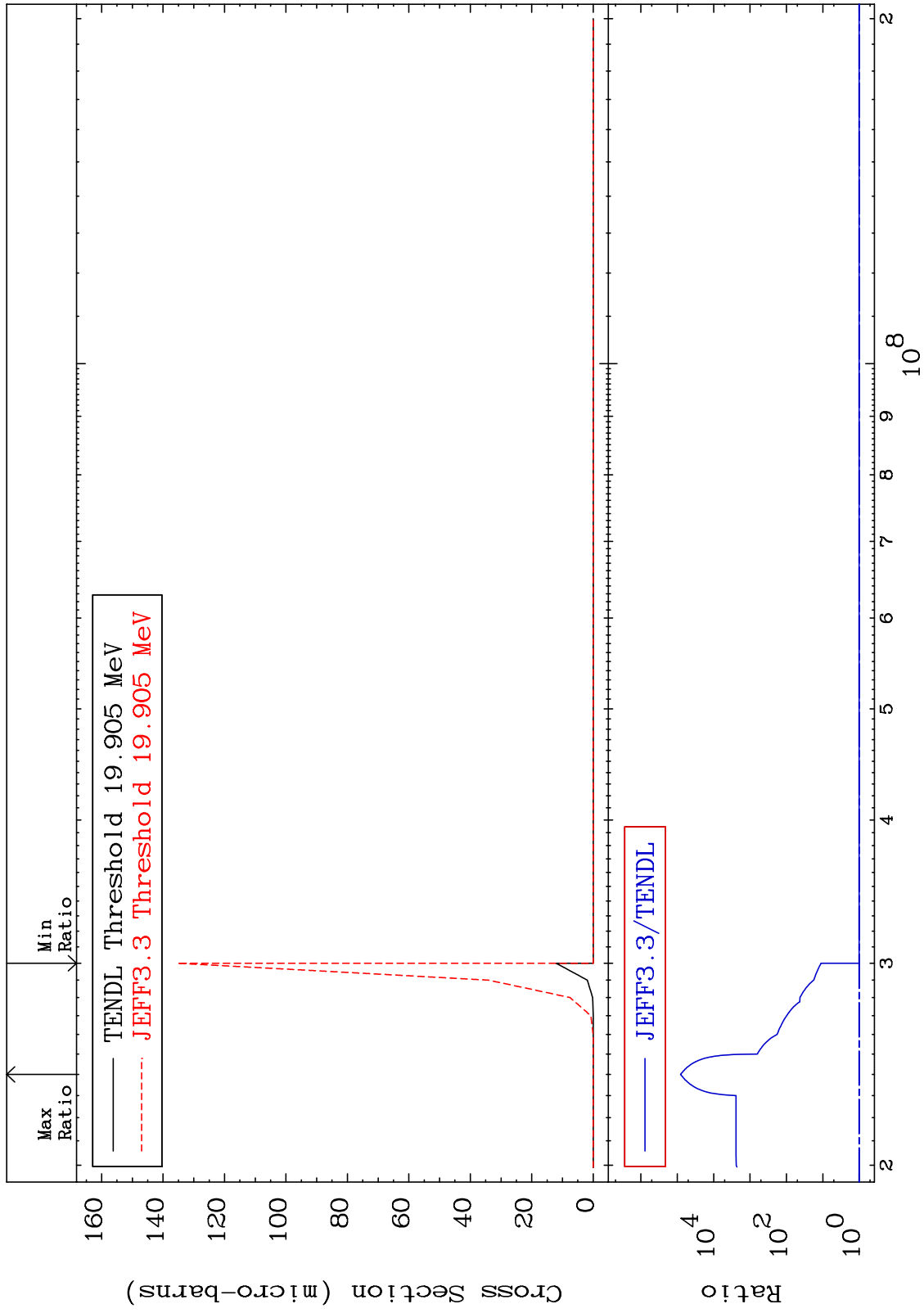


MAT 4725

(n, 3n) α : 45-Rh-101m1

47-Ag-107

Radionuclide Production Cross Section 0.000 To 9999. %



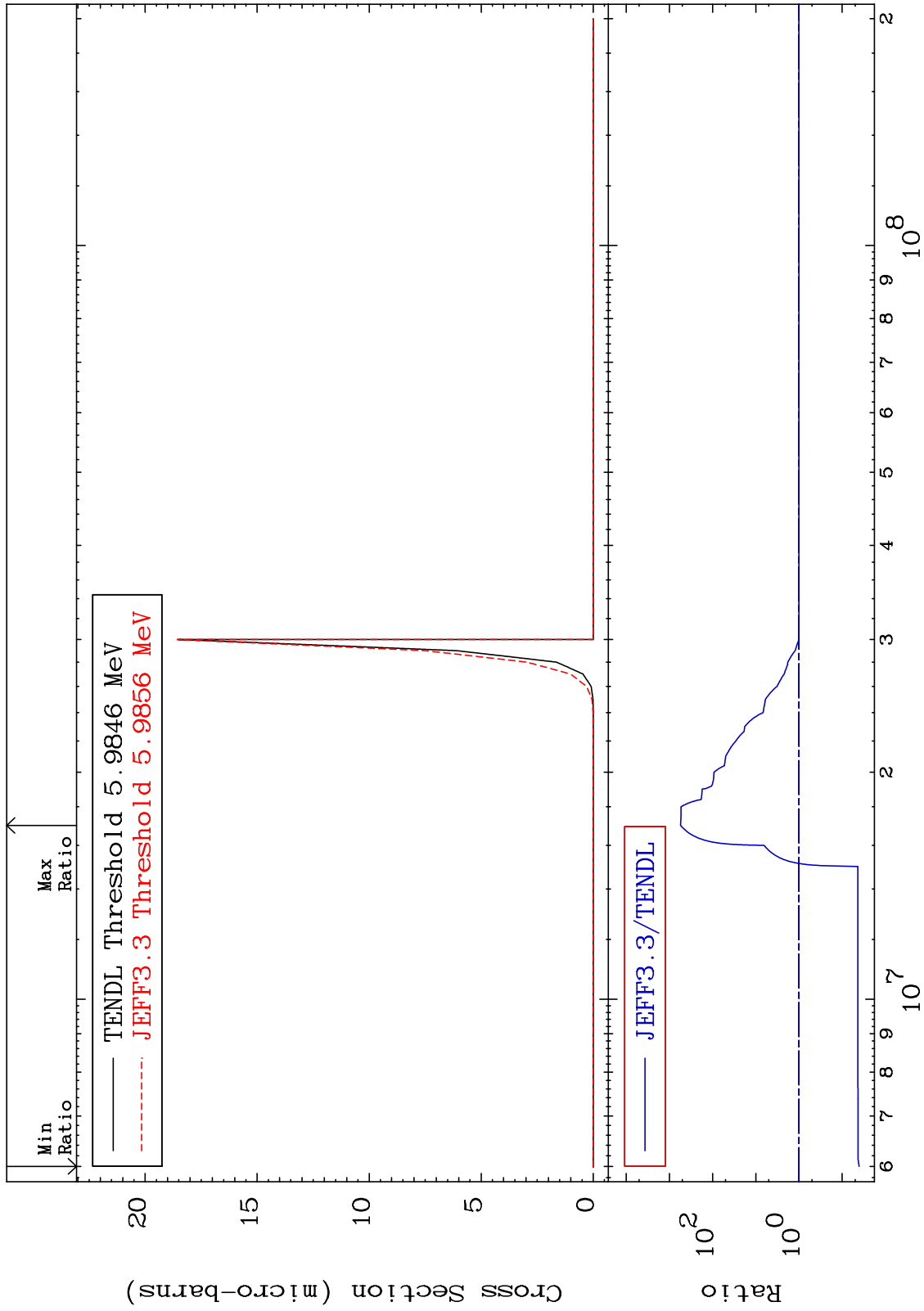
MAT 4725

(n, n') 2α: 43-Tc-99g

47-Ag-107

Radionuclide Production Cross Section

-95.95 To 9999. %



93

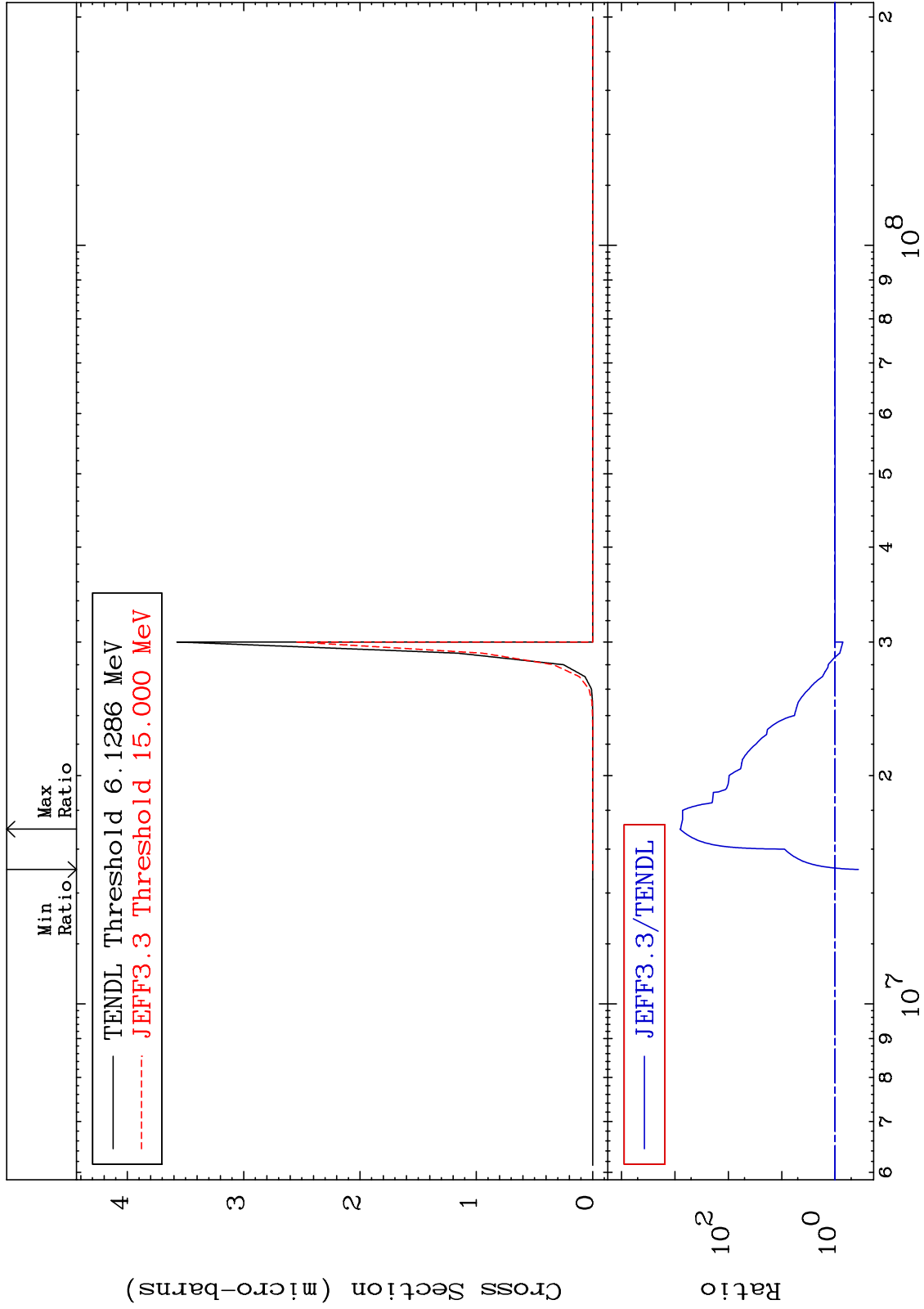
47-Ag-107

MAT 4725

(n, n') 2α: 43-Tc-99m2

47-Ag-107

Radionuclide Production Cross Section -63.39 To 9999. %



94

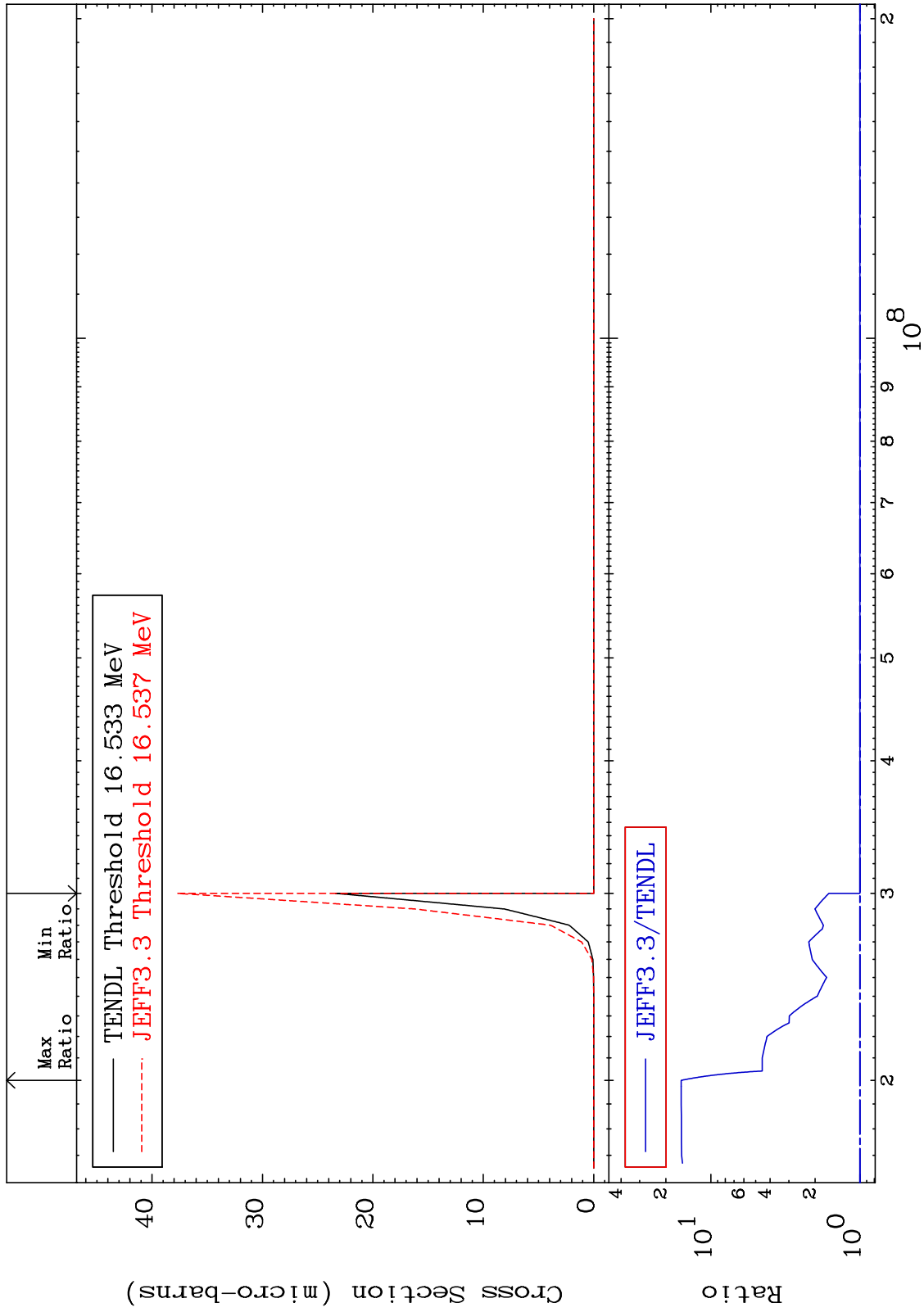
47-Ag-107

MAT 4725

(n, n') He-3:45-Rh-104g

47-Ag-107

Radionuclide Production Cross Section 0.000 To 1480. %



95

Incident Energy (eV)

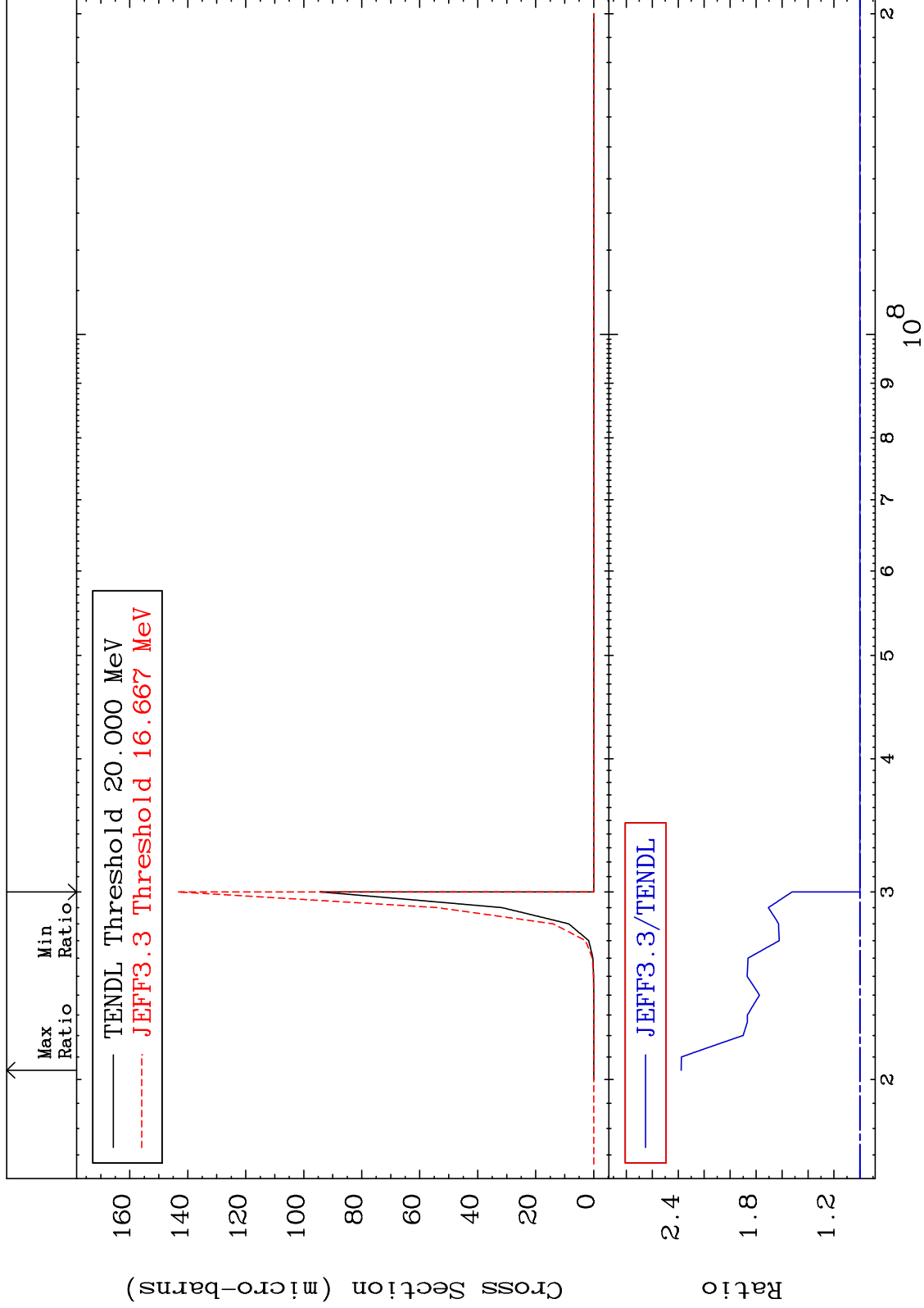
47-Ag-107

MAT 4725

(n, n') He-3: 45-Rh-104m3

47-Ag-107

Radionuclide Production Cross Section 0.000 To 137.7 %

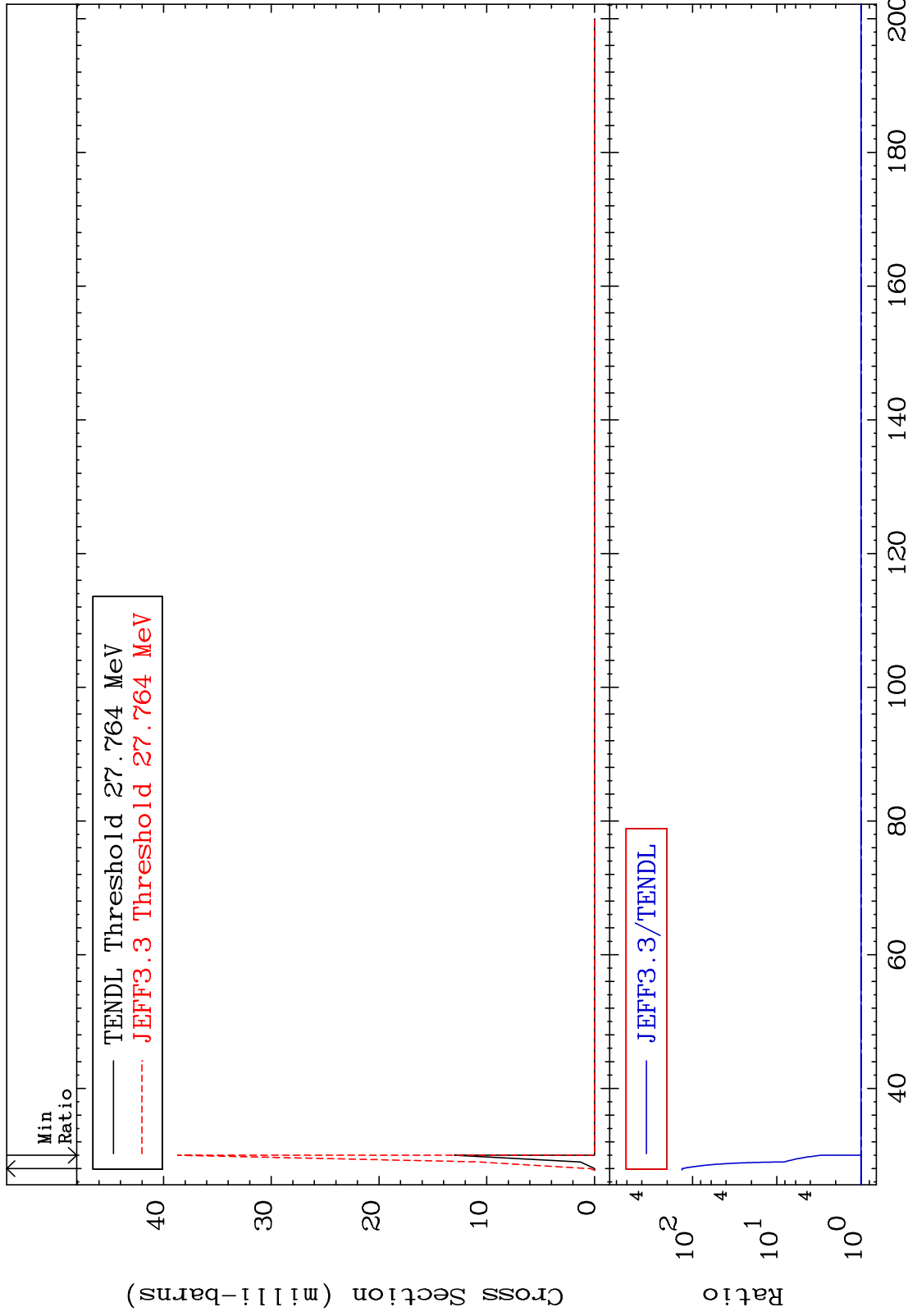


MAT 4725

(n,4n):47-Ag-104g

47-Ag-107

Radionuclide Production Cross Section 0.000 To 9999. %

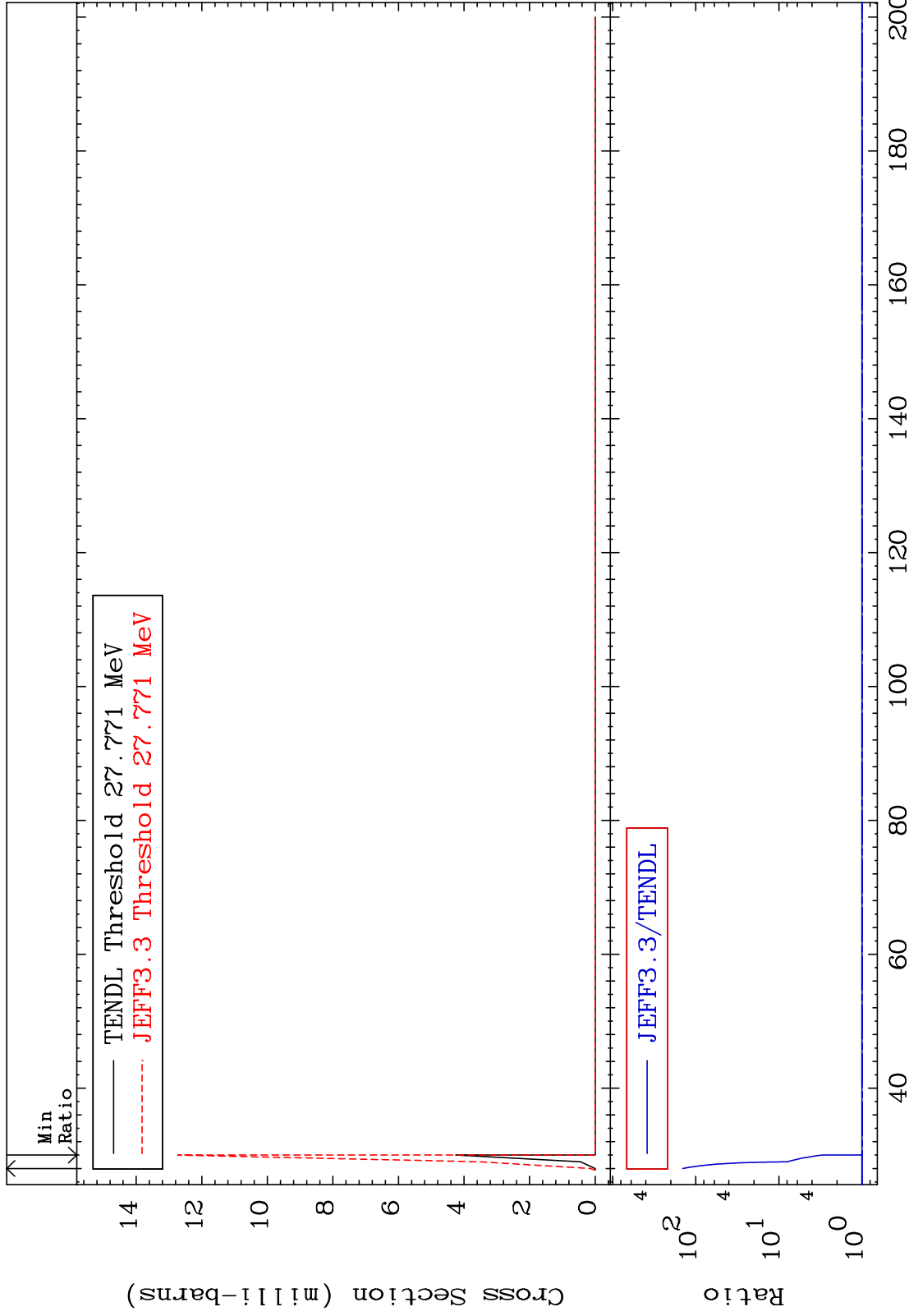


MAT 4725

(n, 4n) : 47-Ag-104m1

47-Ag-107

Radionuclide Production Cross Section 0.000 To 9999. %



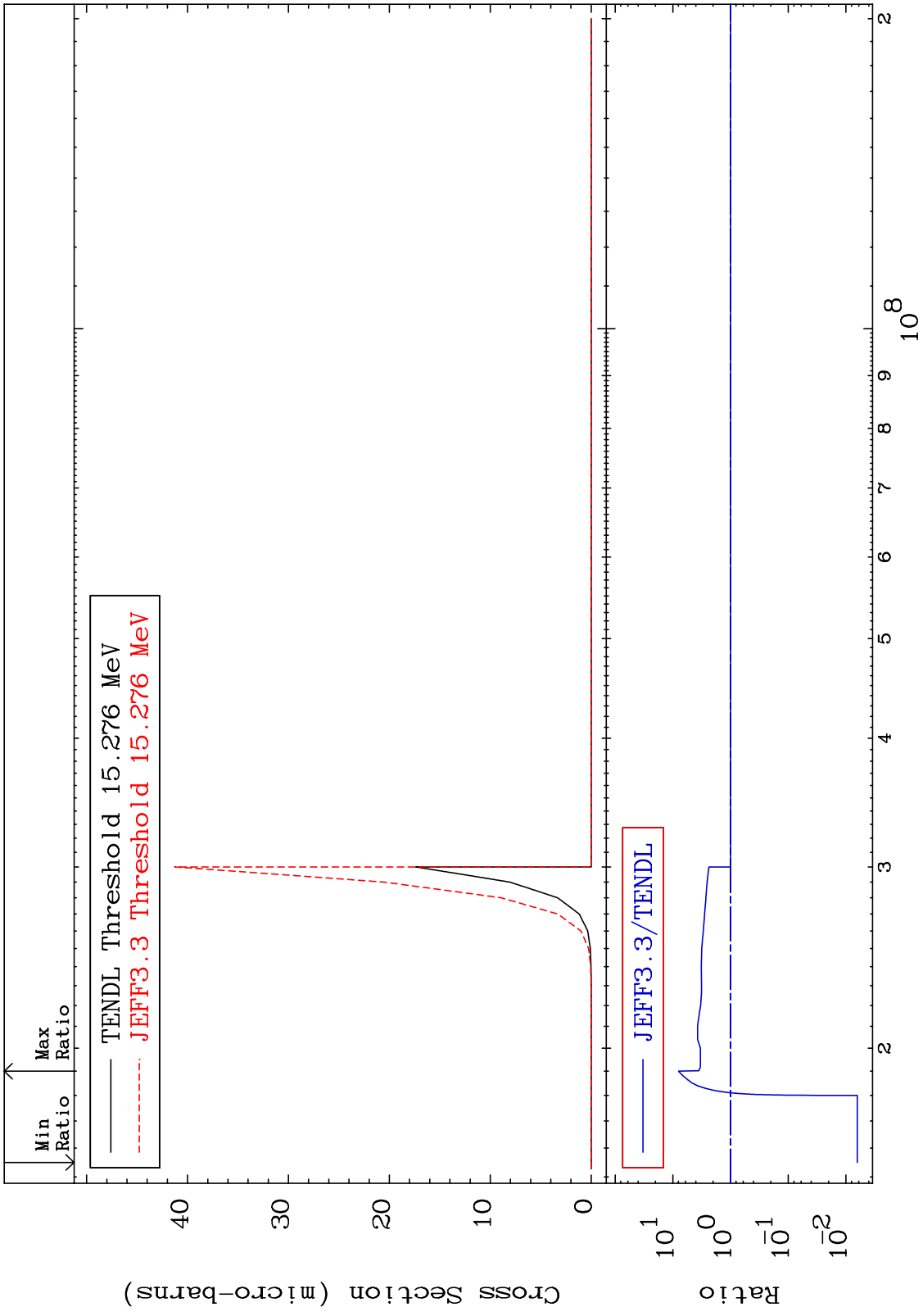
MAT 4725

(n,2n) p:45-Rh-105g

47-Ag-107

Radionuclide Production Cross Section

-99.37 To 693.7 %

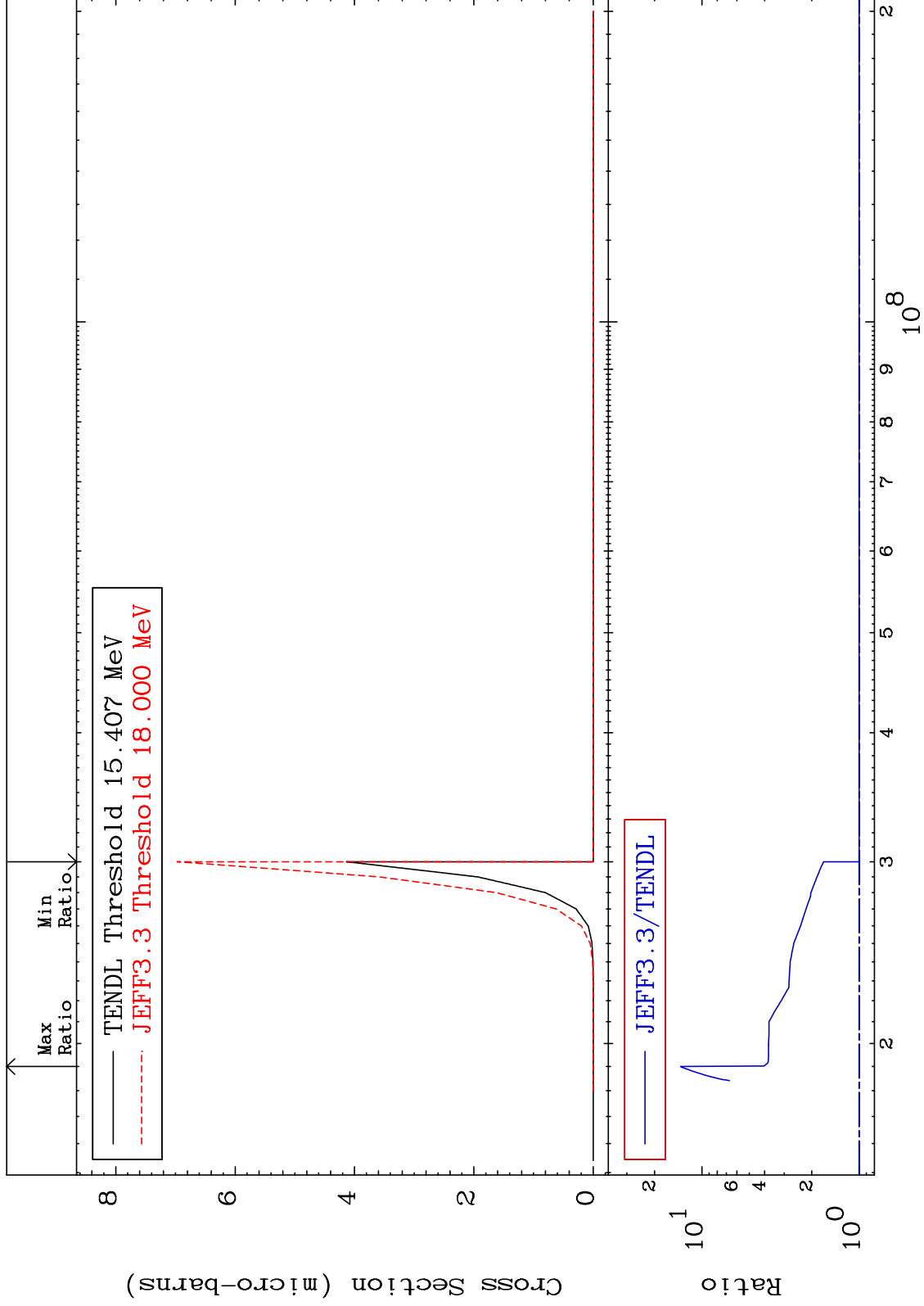


MAT 4725

(n,2n) p: 45-Rh-105m1

47-Ag-107

Radionuclide Production Cross Section 0.000 To 1266. %



100

Incident Energy (eV)

47-Ag-107

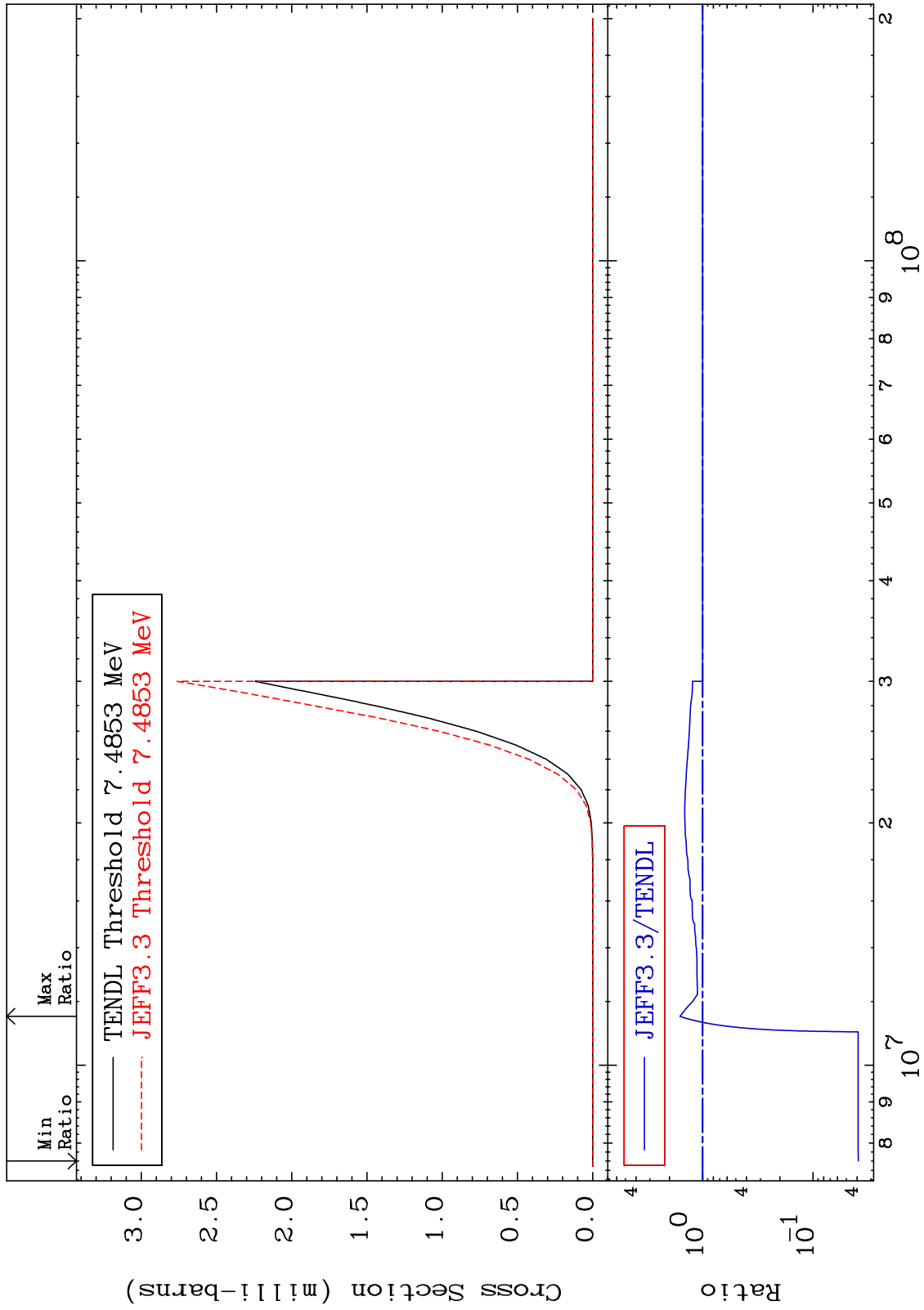
MAT 4725

(n, He-3) : 45-Rh-105g

47-Ag-107

Radionuclide Production Cross Section

-96.12 To 60.21 %

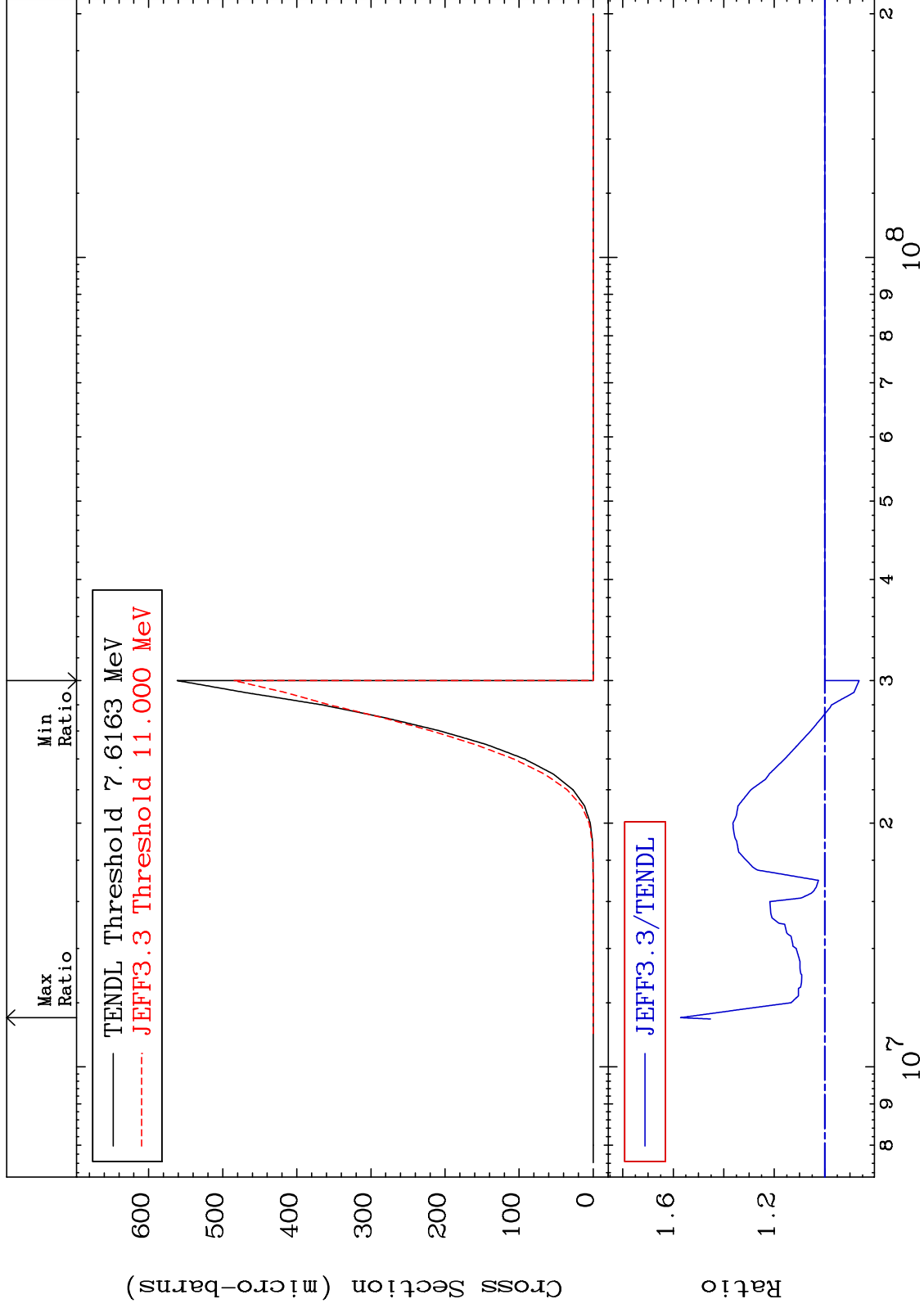


MAT 4725

(n, He-3) : 45-Rh-105m1

47-Ag-107

Radionuclide Production Cross Section -13.63 To 57.08 %



102

Incident Energy (eV)

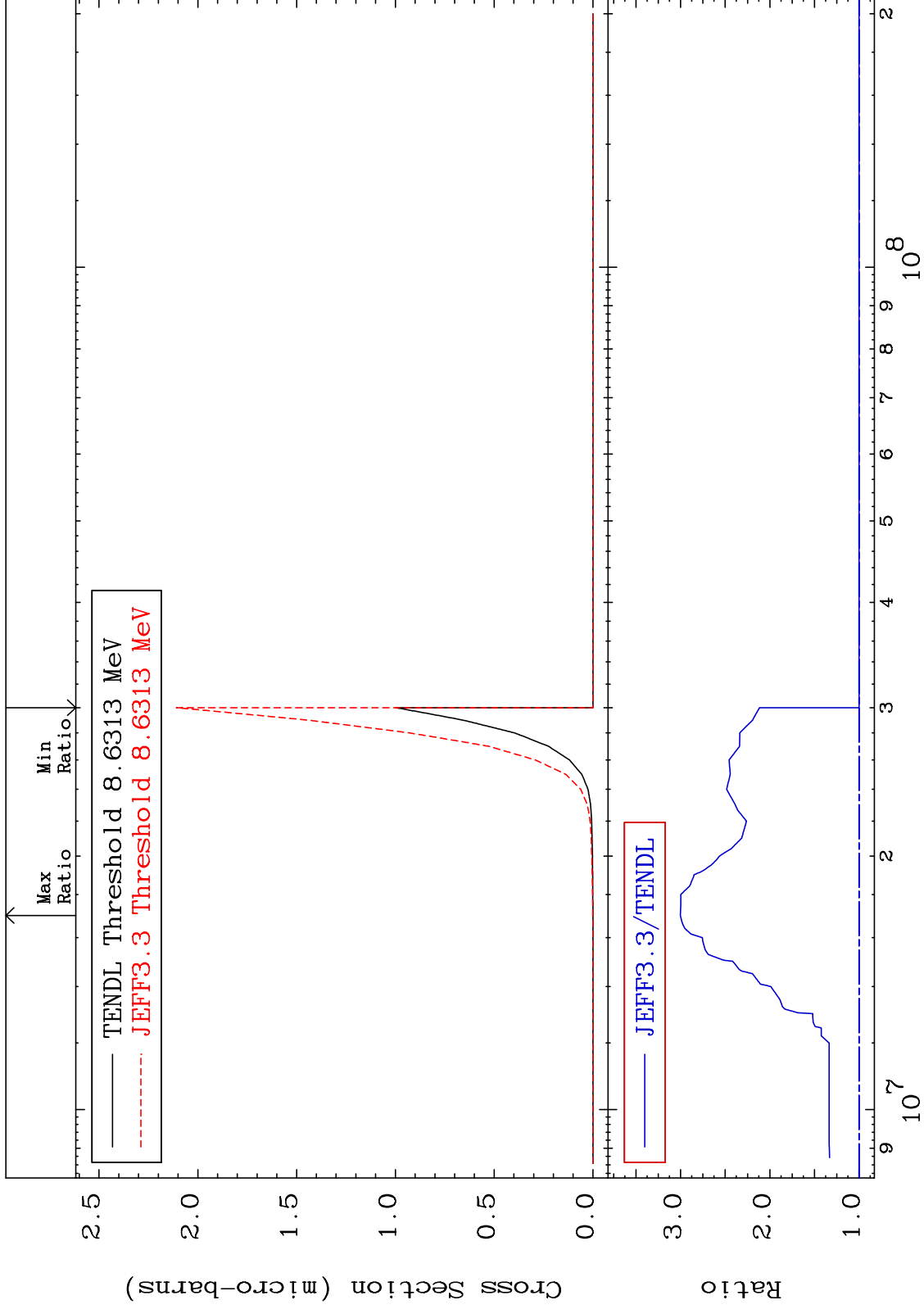
47-Ag-107

MAT 4725

(n,2p) : 45-Rh-106g

47-Ag-107

Radionuclide Production Cross Section 0.000 To 200.2 %



103

Incident Energy (eV)

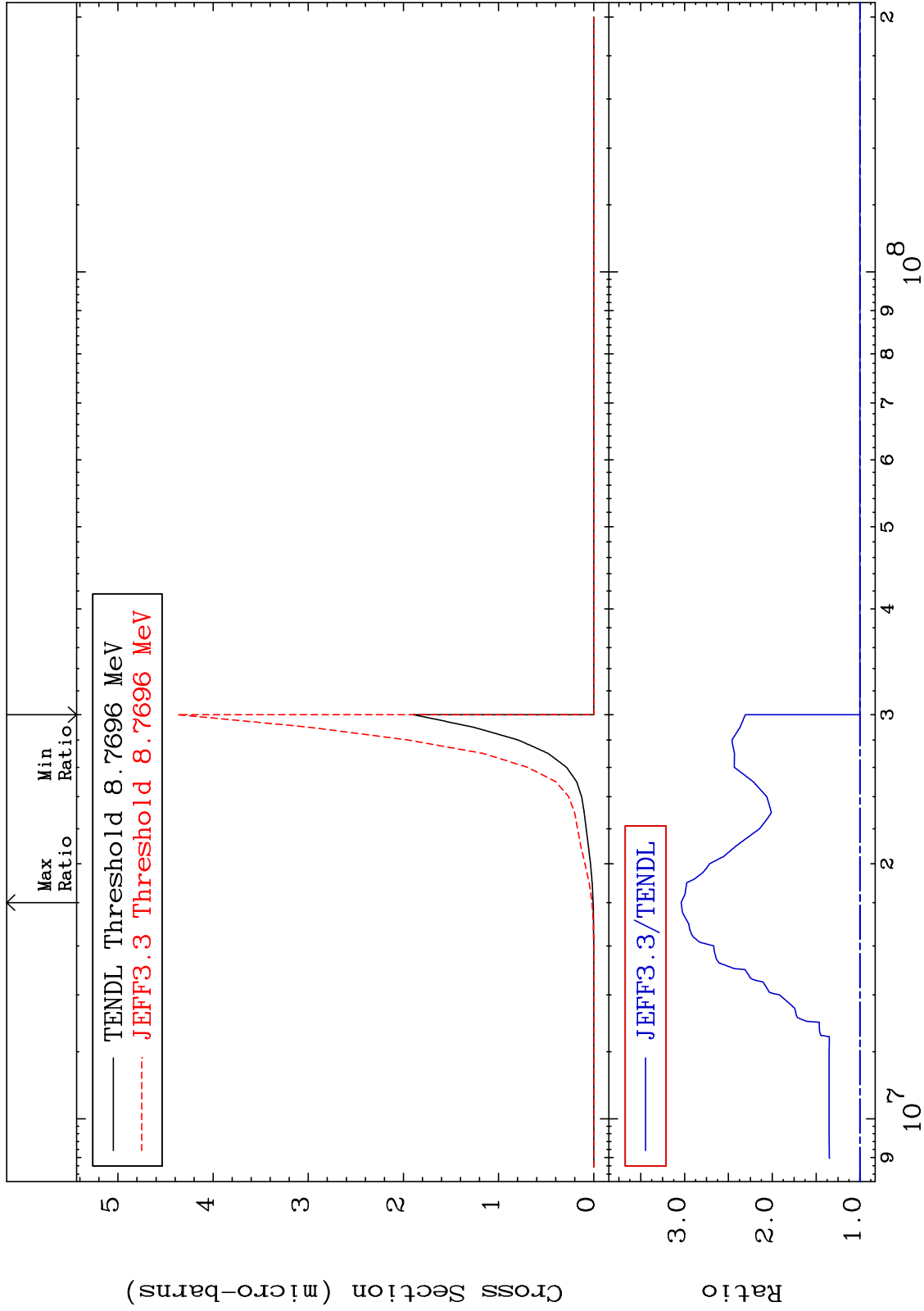
47-Ag-107

MAT 4725

(n,2p) : 45-Rh-106m1

47-Ag-107

Radionuclide Production Cross Section 0.000 To 203.8 %



104

Incident Energy (eV)

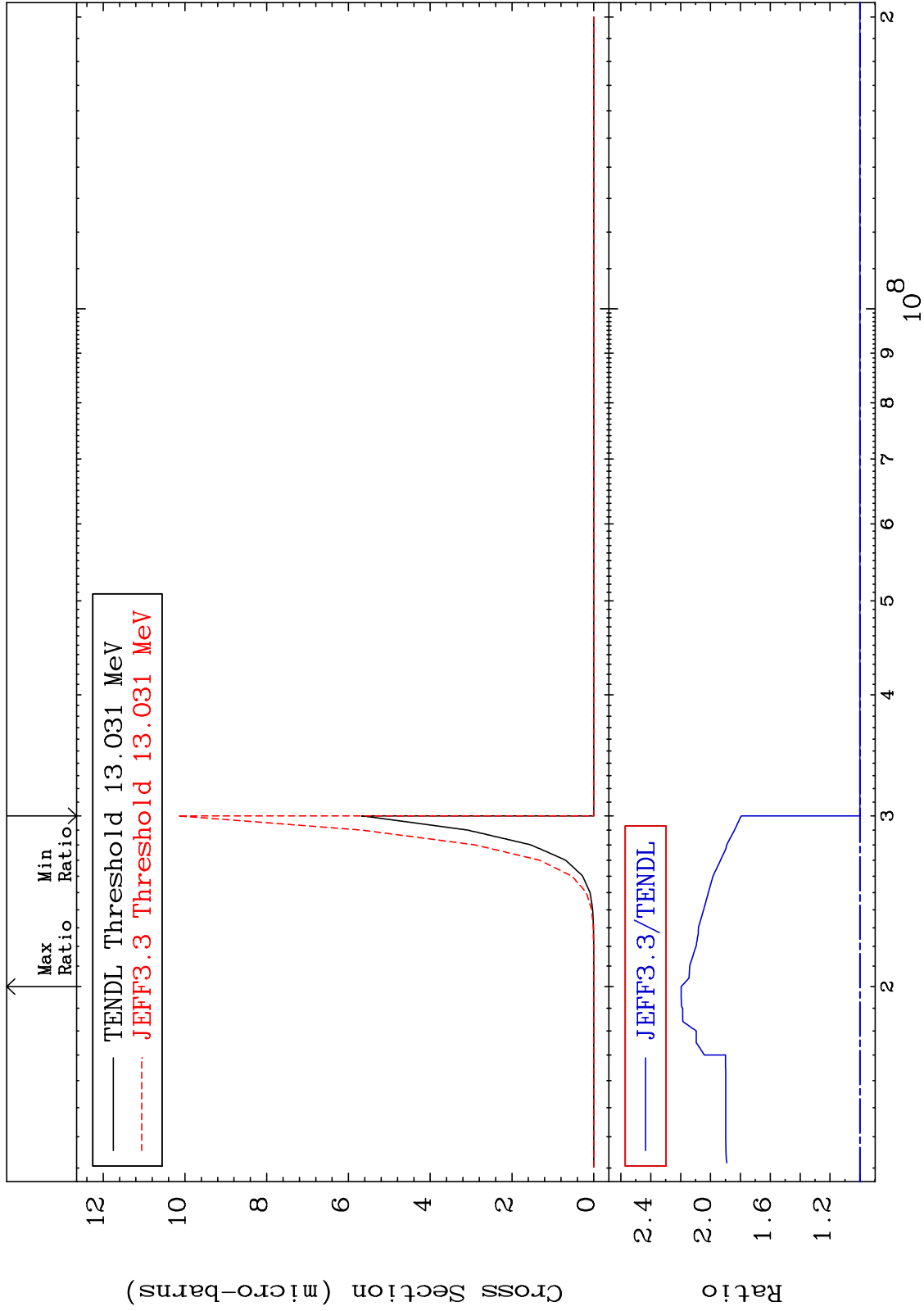
47-Ag-107

MAT 4725

(n, p) d: 45-Rh-105g

47-Ag-107

Radionuclide Production Cross Section 0.000 To 119.6 %



105

Incident Energy (eV)

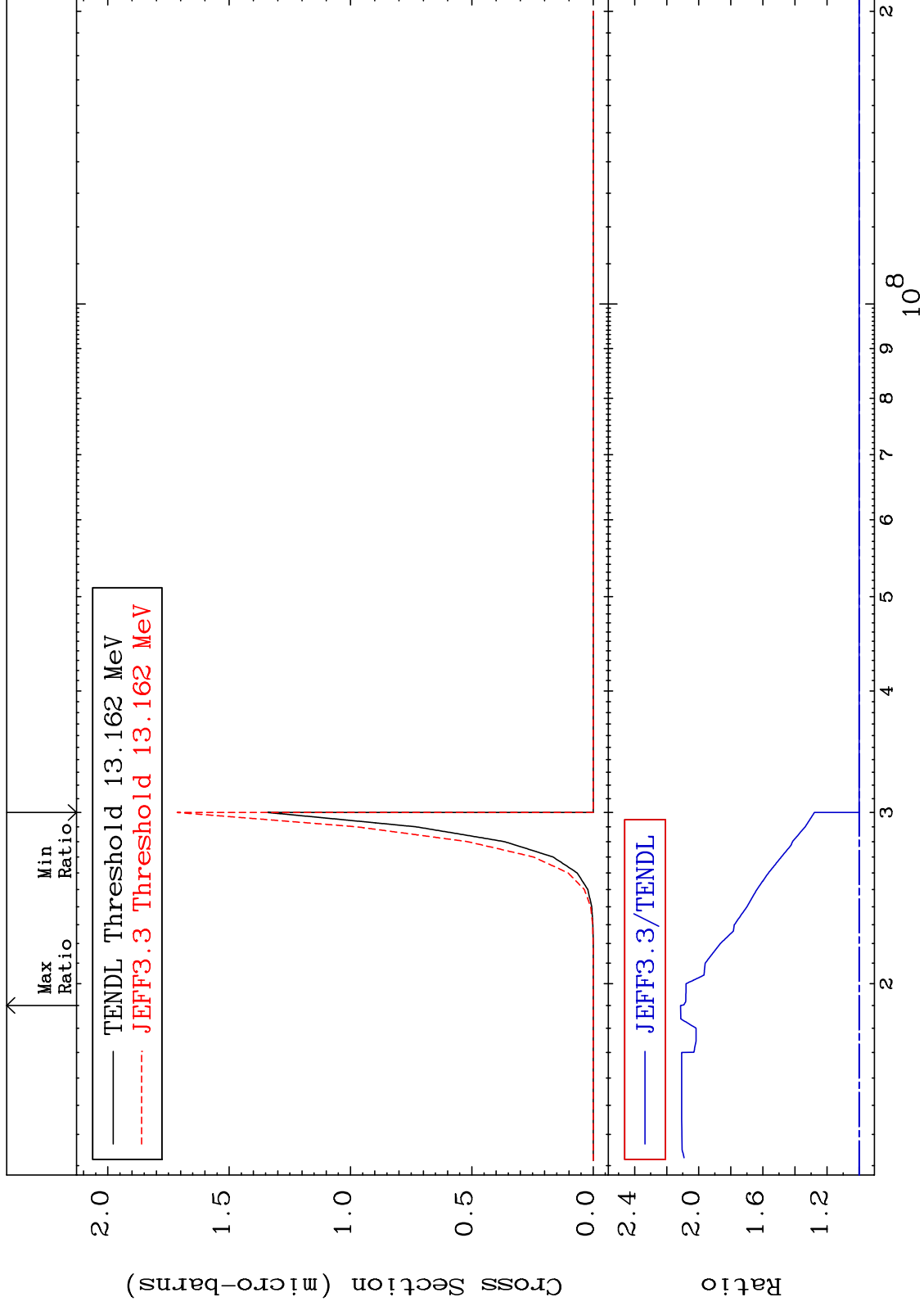
47-Ag-107

MAT 4725

(n, p) d:45-Rh-105m1

47-Ag-107

Radionuclide Production Cross Section 0.000 To 111.3 %

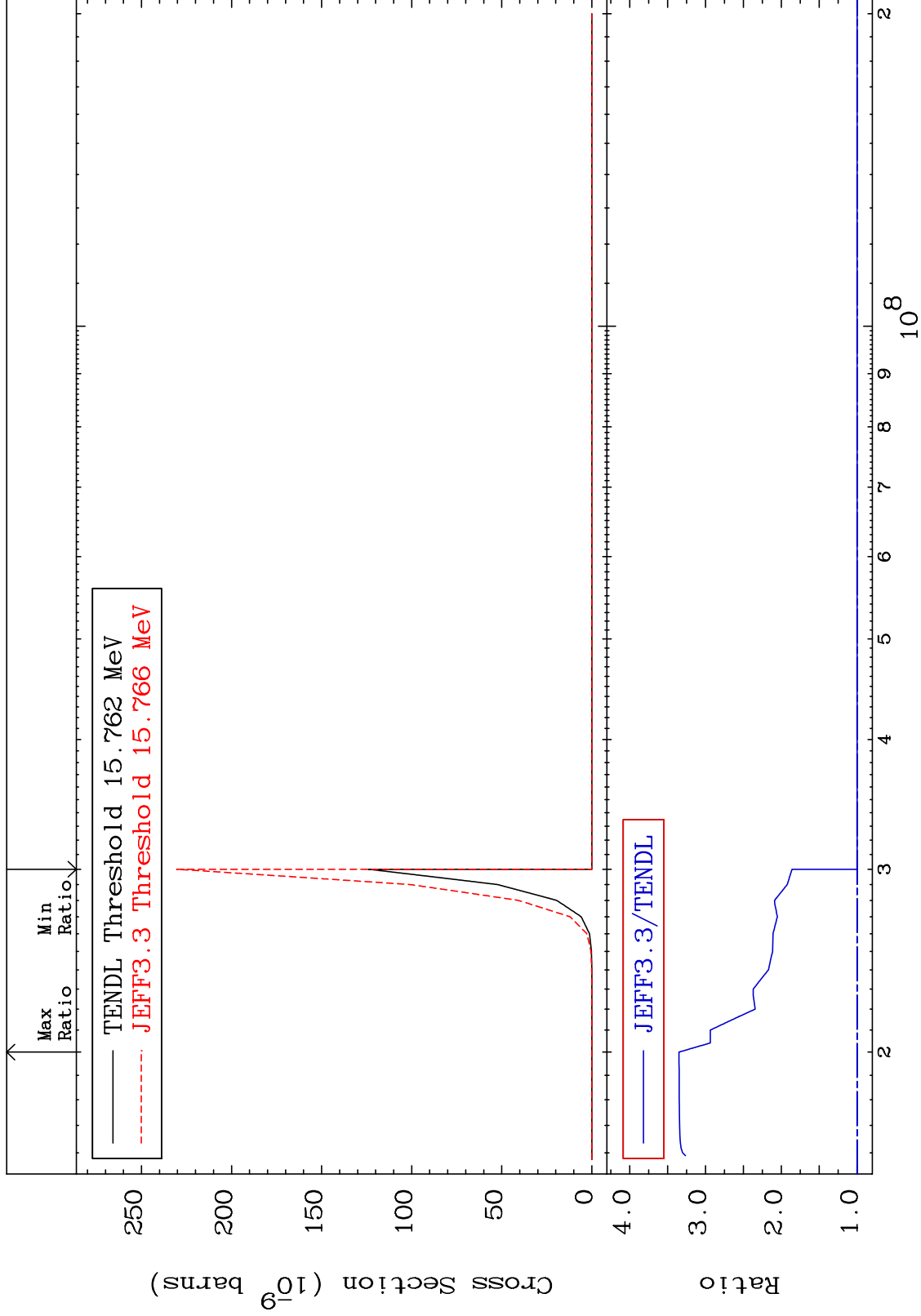


MAT 4725

(n, p) t: 45-Rh-104g

47-Ag-107

Radionuclide Production Cross Section 0.000 To 234.9 %



107

Incident Energy (eV)

47-Ag-107

MAT 4725

(n, p) t:45-Rh-104m3

47-Ag-107

Radionuclide Production Cross Section 0.000 To 243.6 %

