

Program Complot
(Version 2018-1)

by

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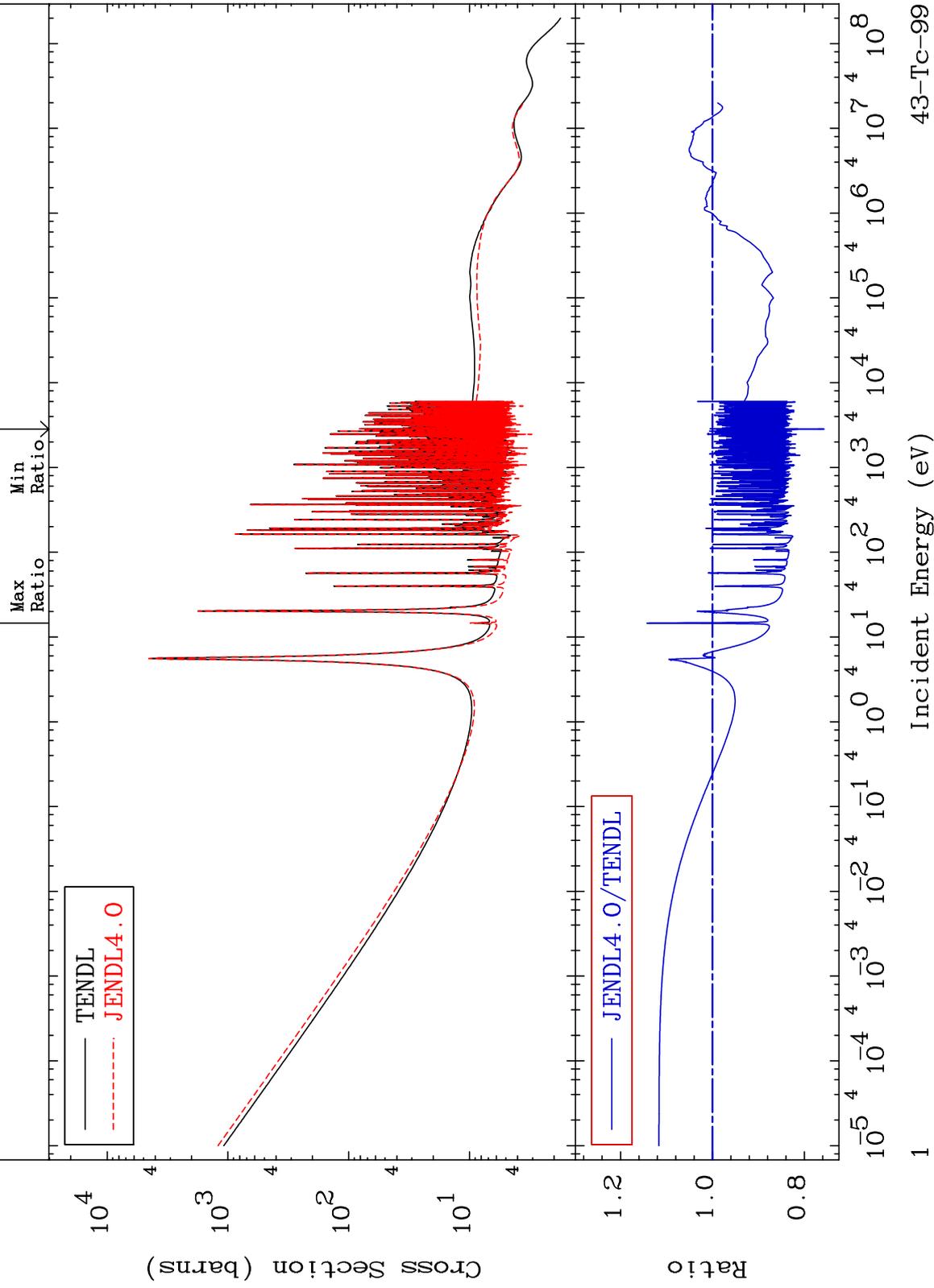
Press Mouse Button to Start

MAT 4325

43-Tc-99

-24.25 To 14.22 %

Total
Cross Section



43-Tc-99

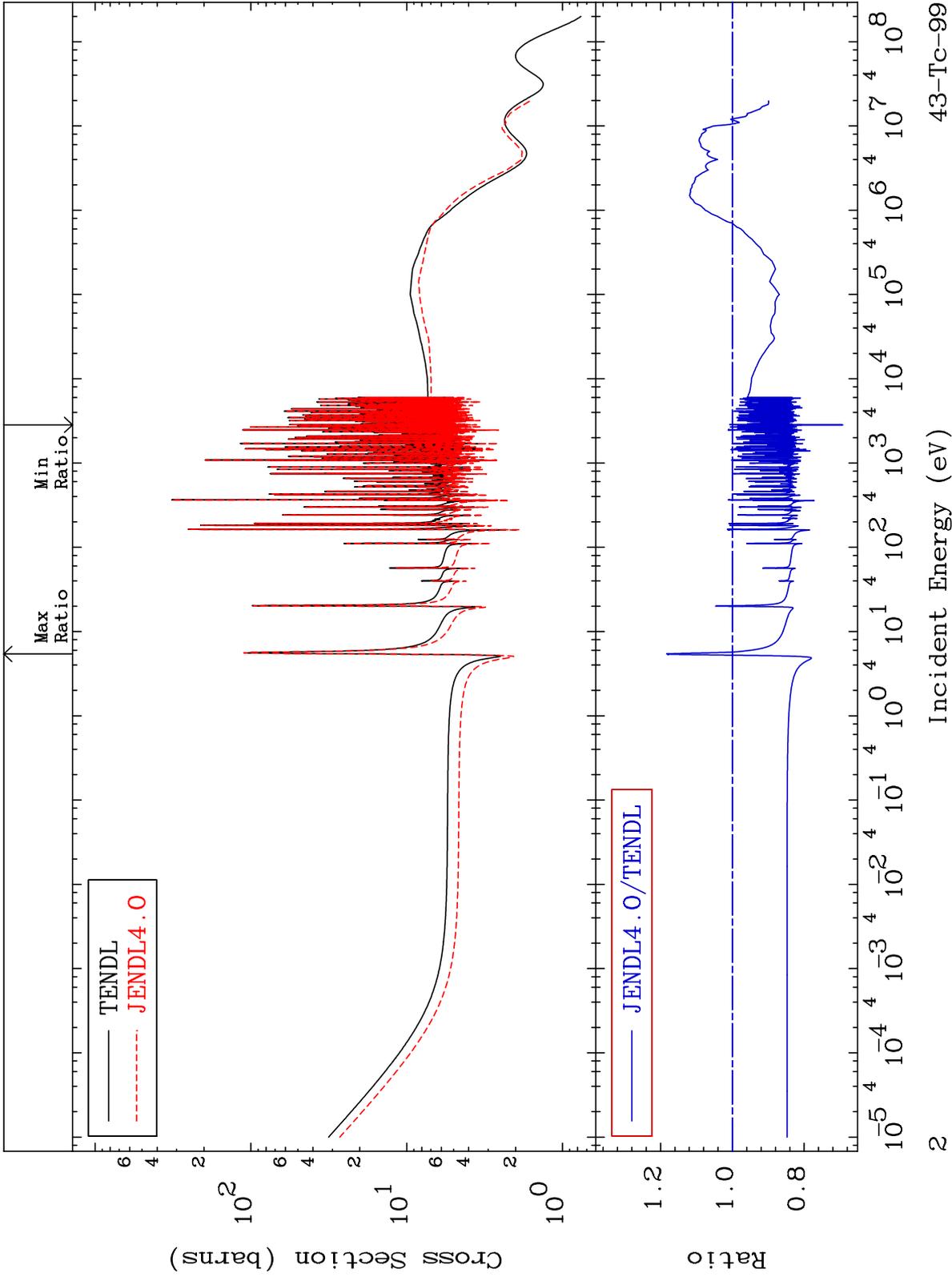
MAT 4325

Elastic

43-Tc-99

Cross Section

-30.69 To 18.23 %



Incident Energy (eV)

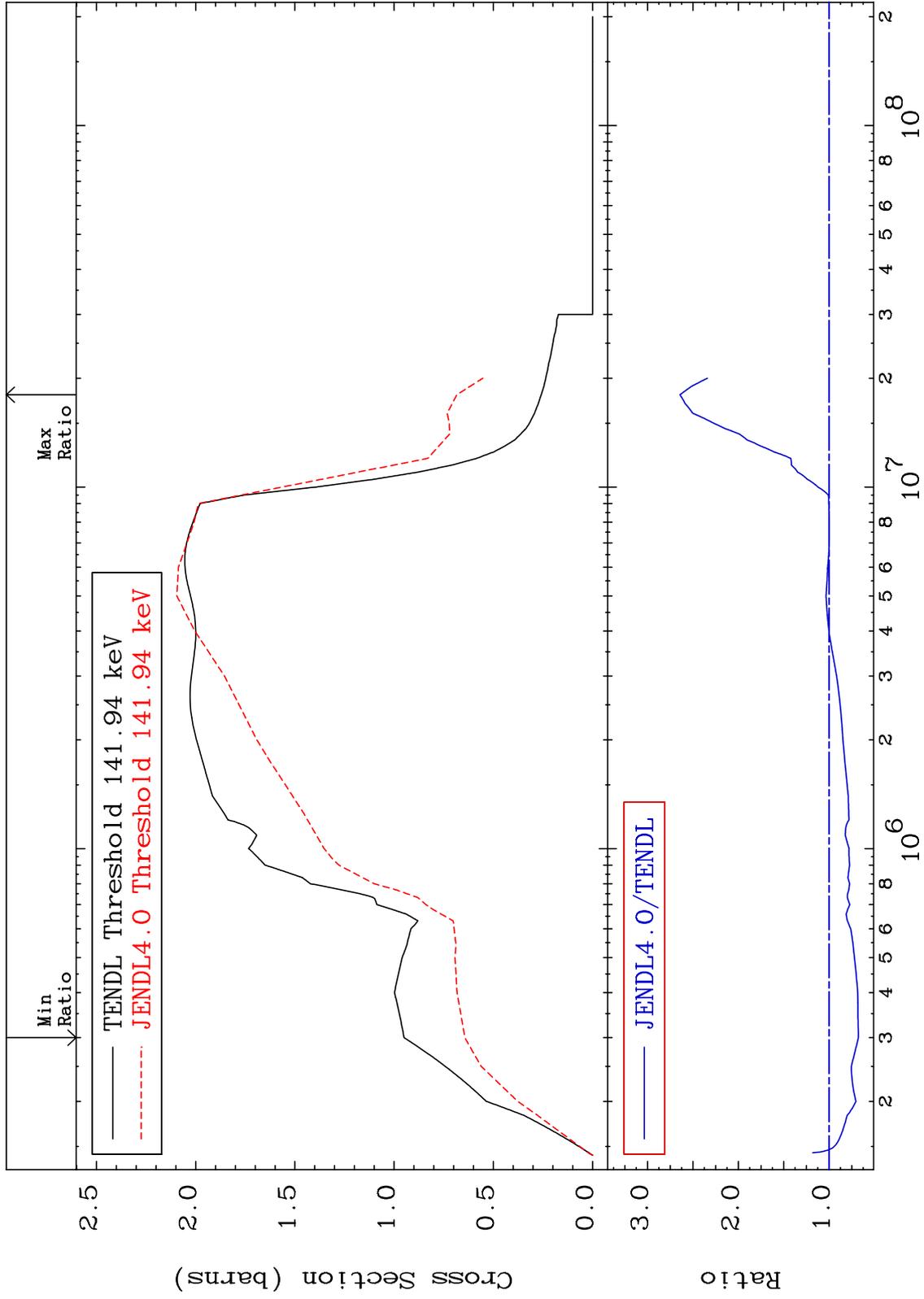
43-Tc-99

2

MAT 4325

Inelastic
Cross Section

43-Tc-99
-32.23 To 164.3 %



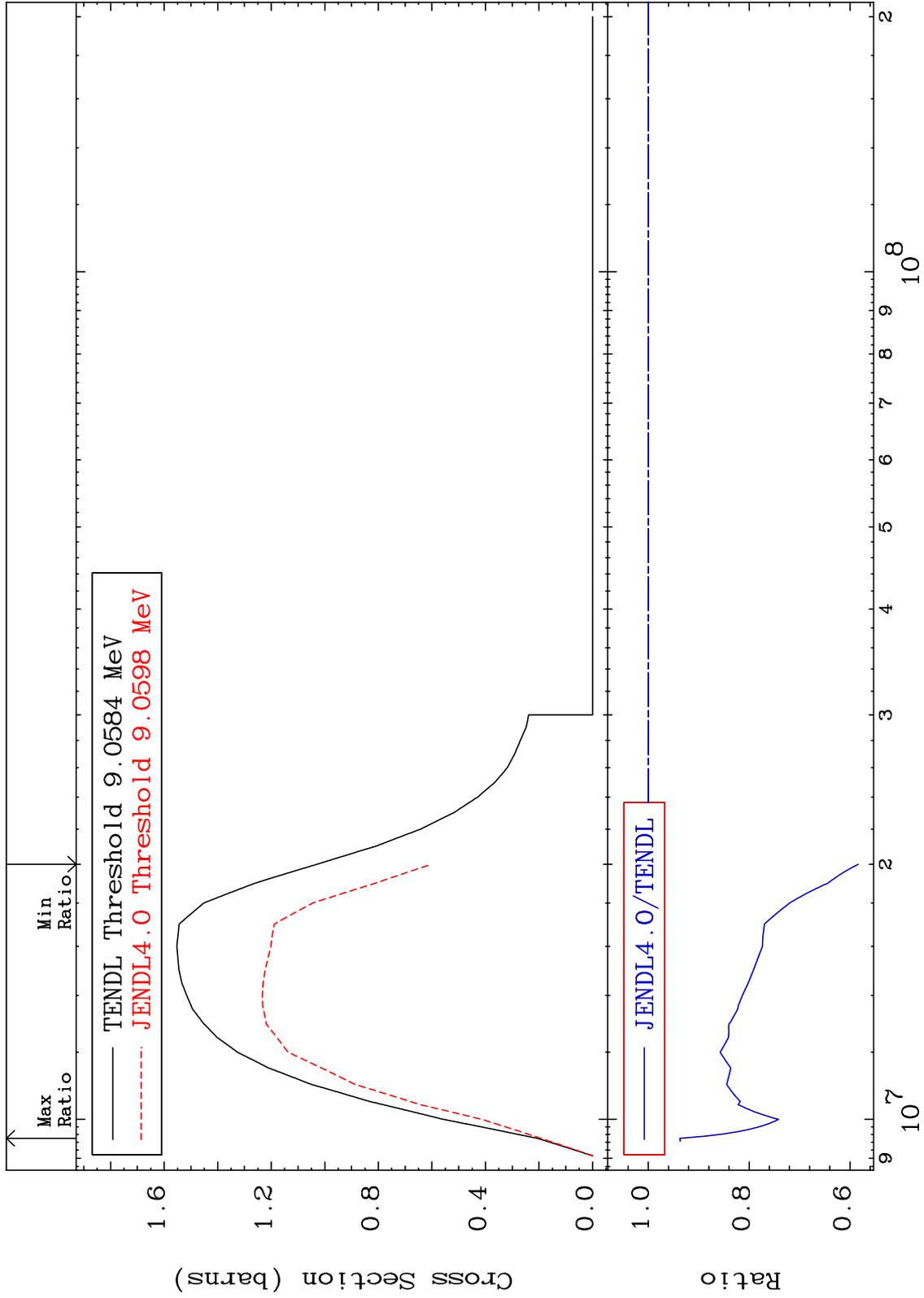
MAT 4325

(n, 2n)

43-Tc-99

Cross Section

-41.66 To -6.273%



43-Tc-99

43-Tc-99

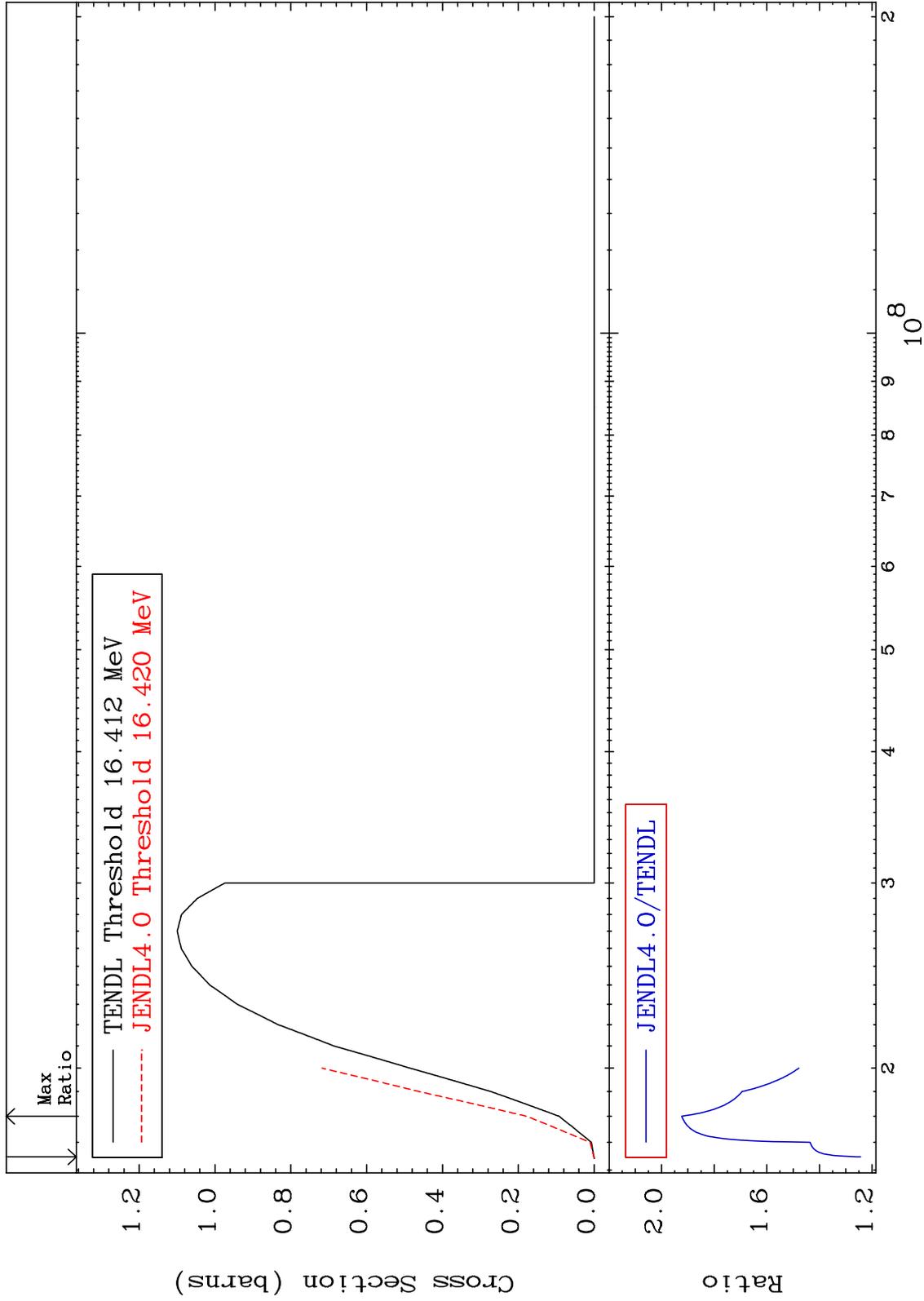
MAT 4325

(n, 3n)

43-Tc-99

Cross Section

24.34 To 92.33 %



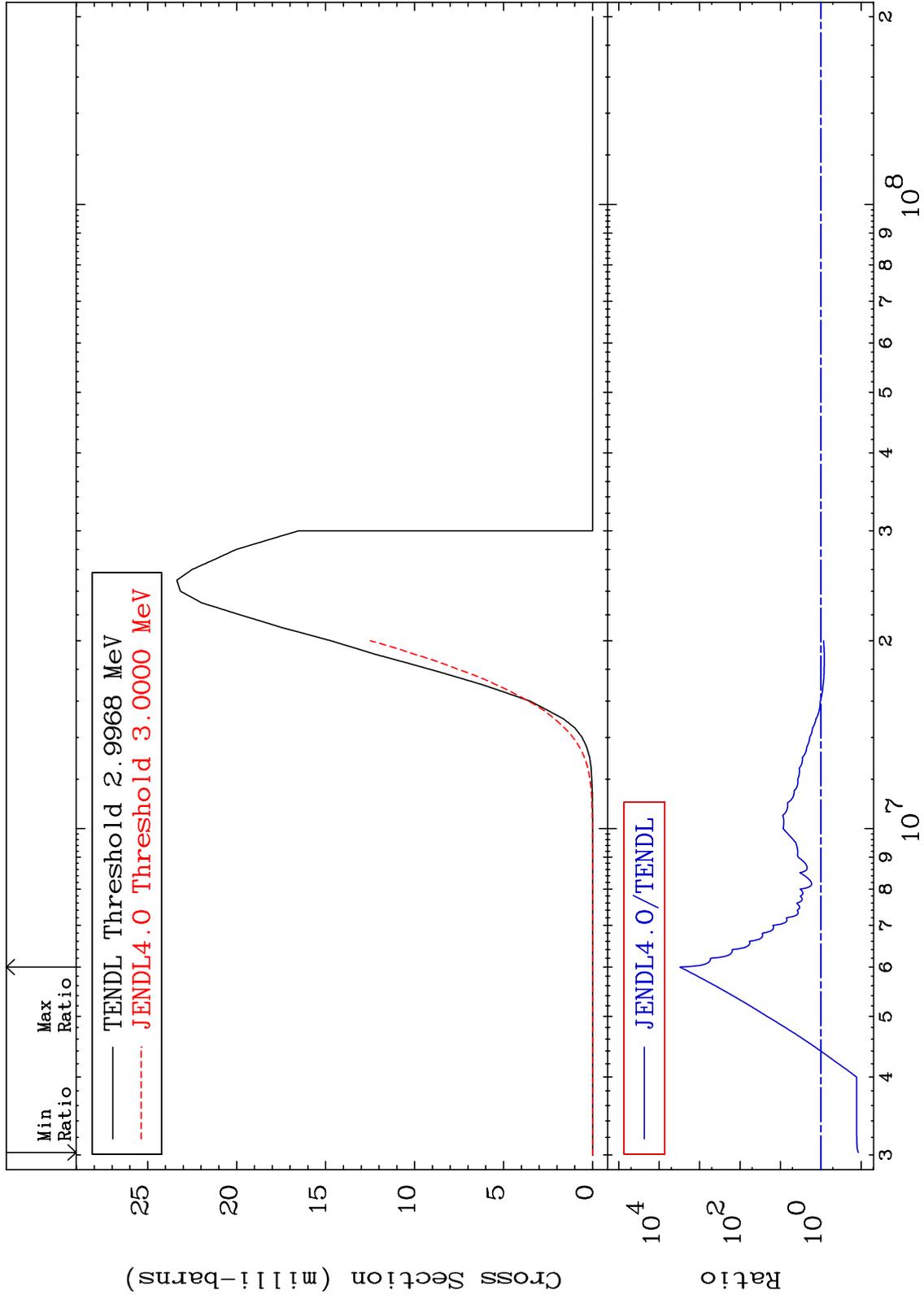
MAT 4325

(n, n') α

43-Tc-99

Cross Section

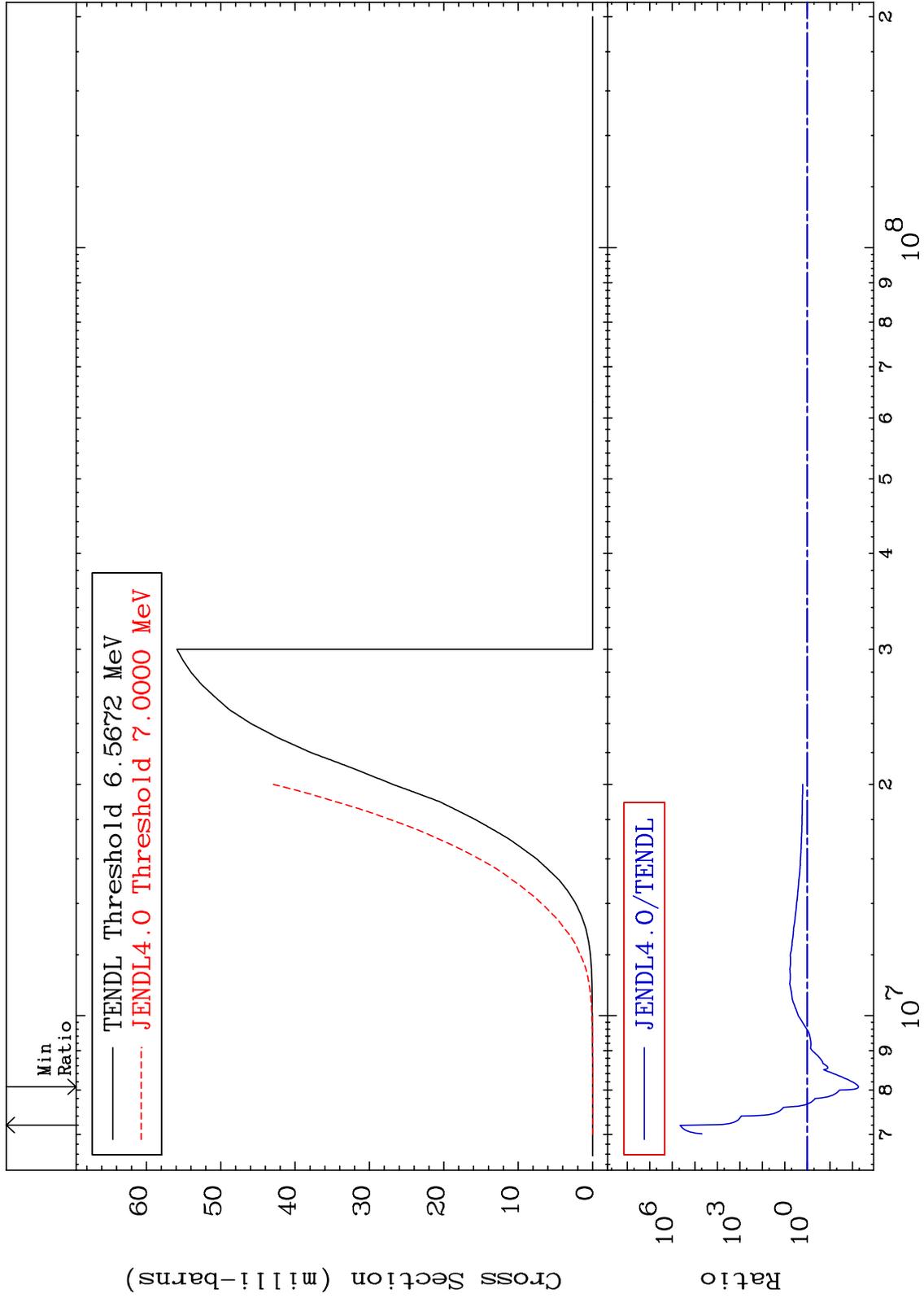
-88.32 To 9999. %



MAT 4325

(n,n') p
Cross Section

43-Tc-99
-99.46 To 9999. %



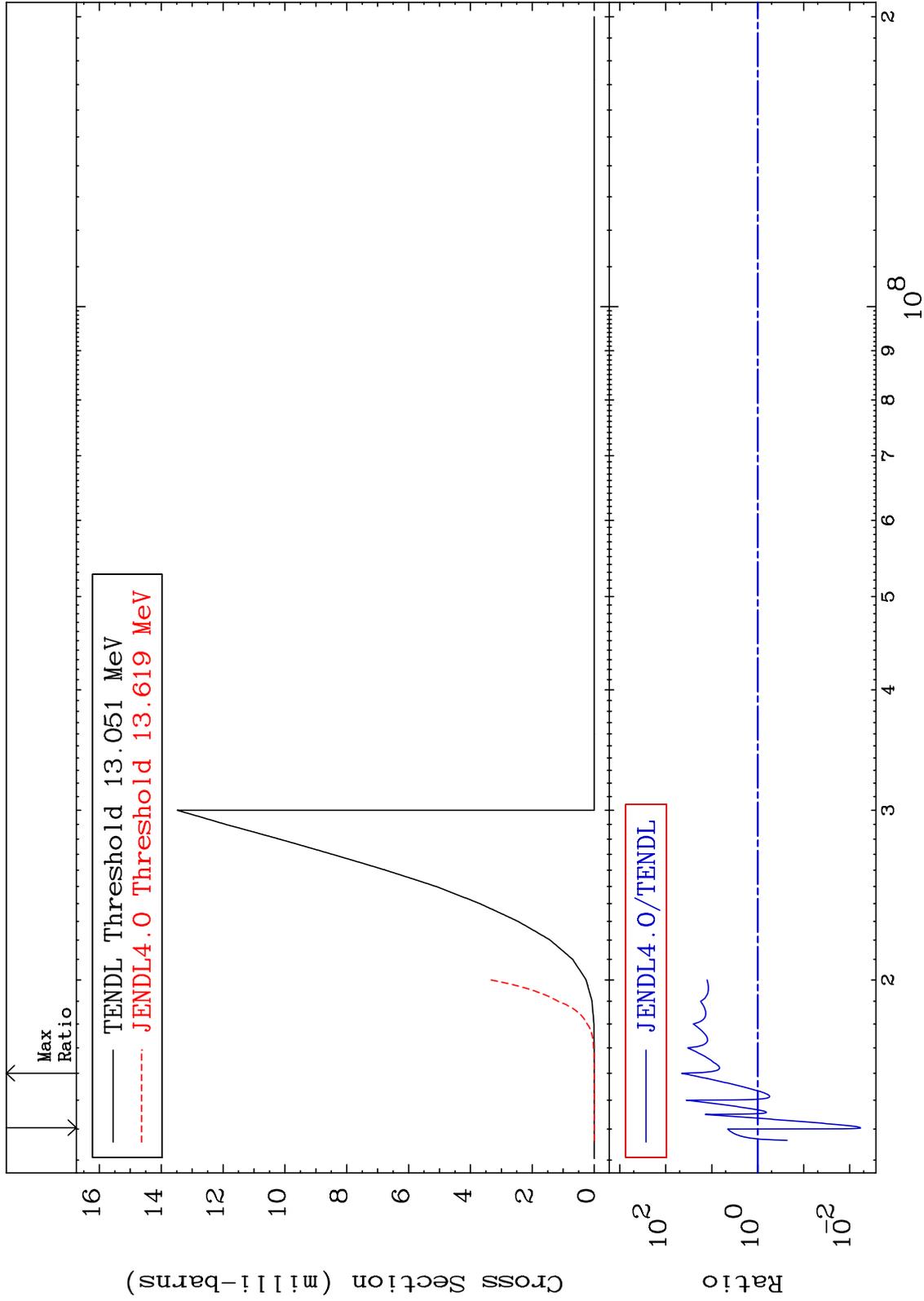
MAT 4325

(n, n') d

43-Tc-99

Cross Section

-99.42 To 4404. %



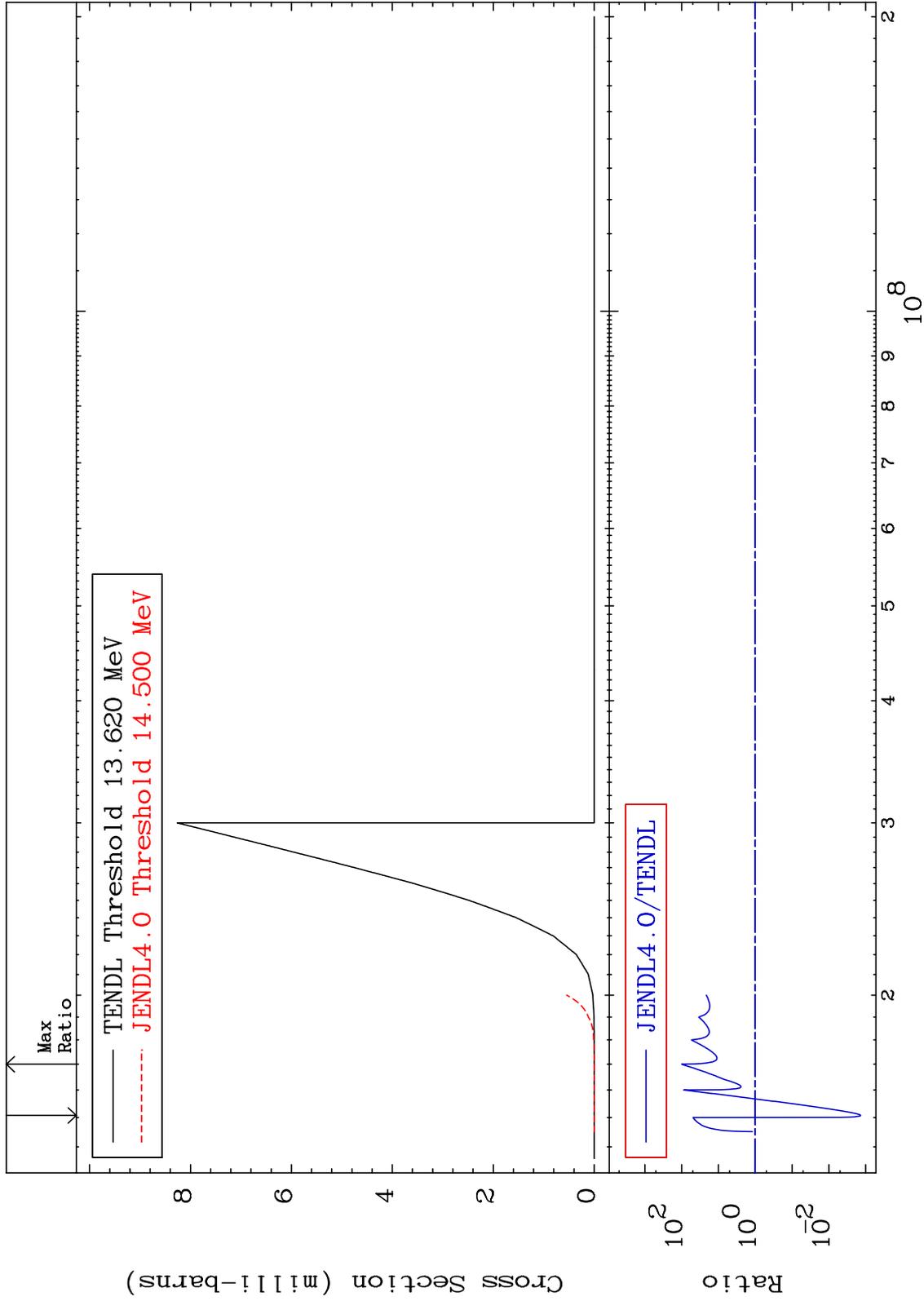
MAT 4325

(n, n') t

43-Tc-99

Cross Section

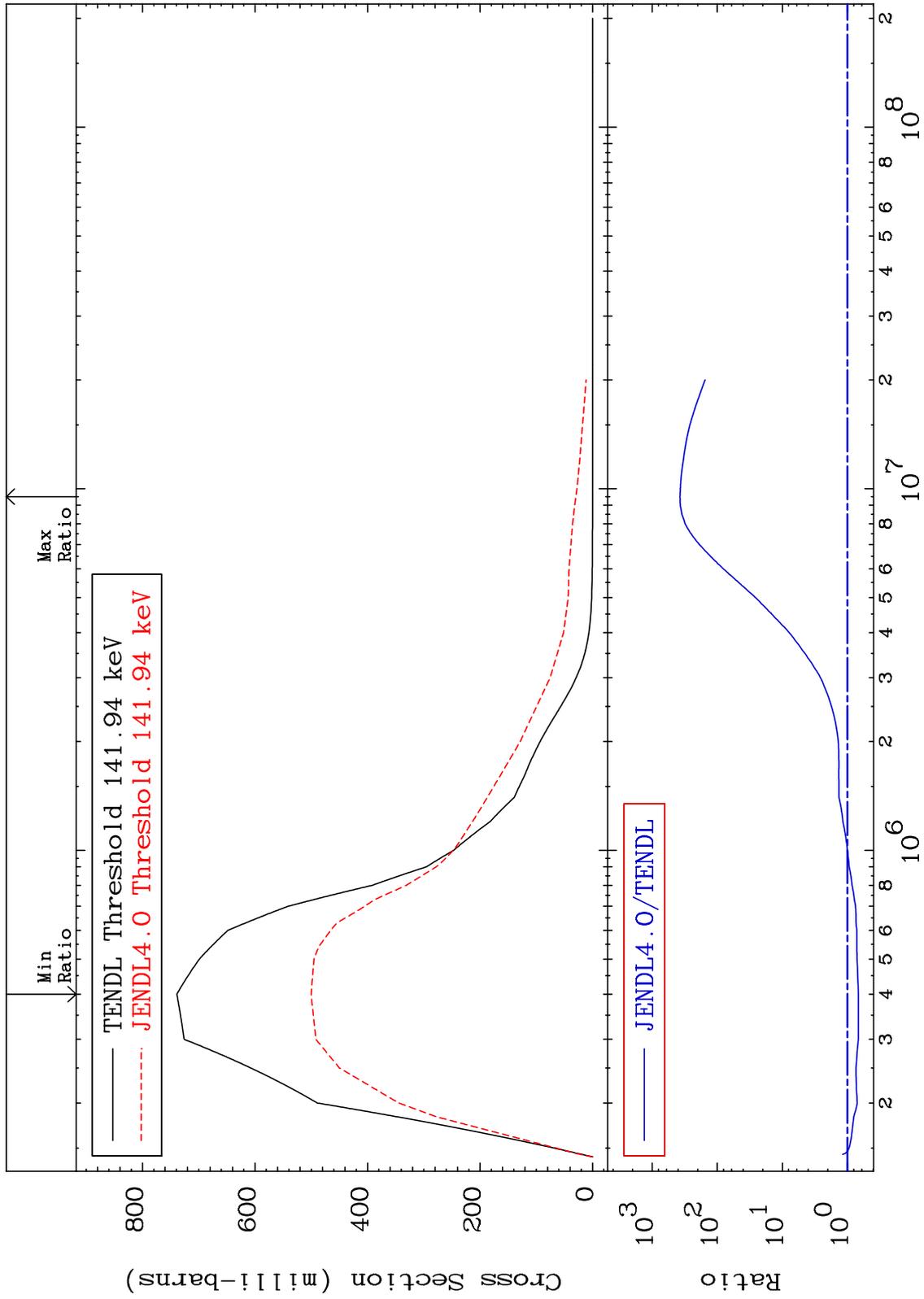
-99.86 To 9856. %



MAT 4325

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

43-Tc-99
-32.29 To 9999. %



10

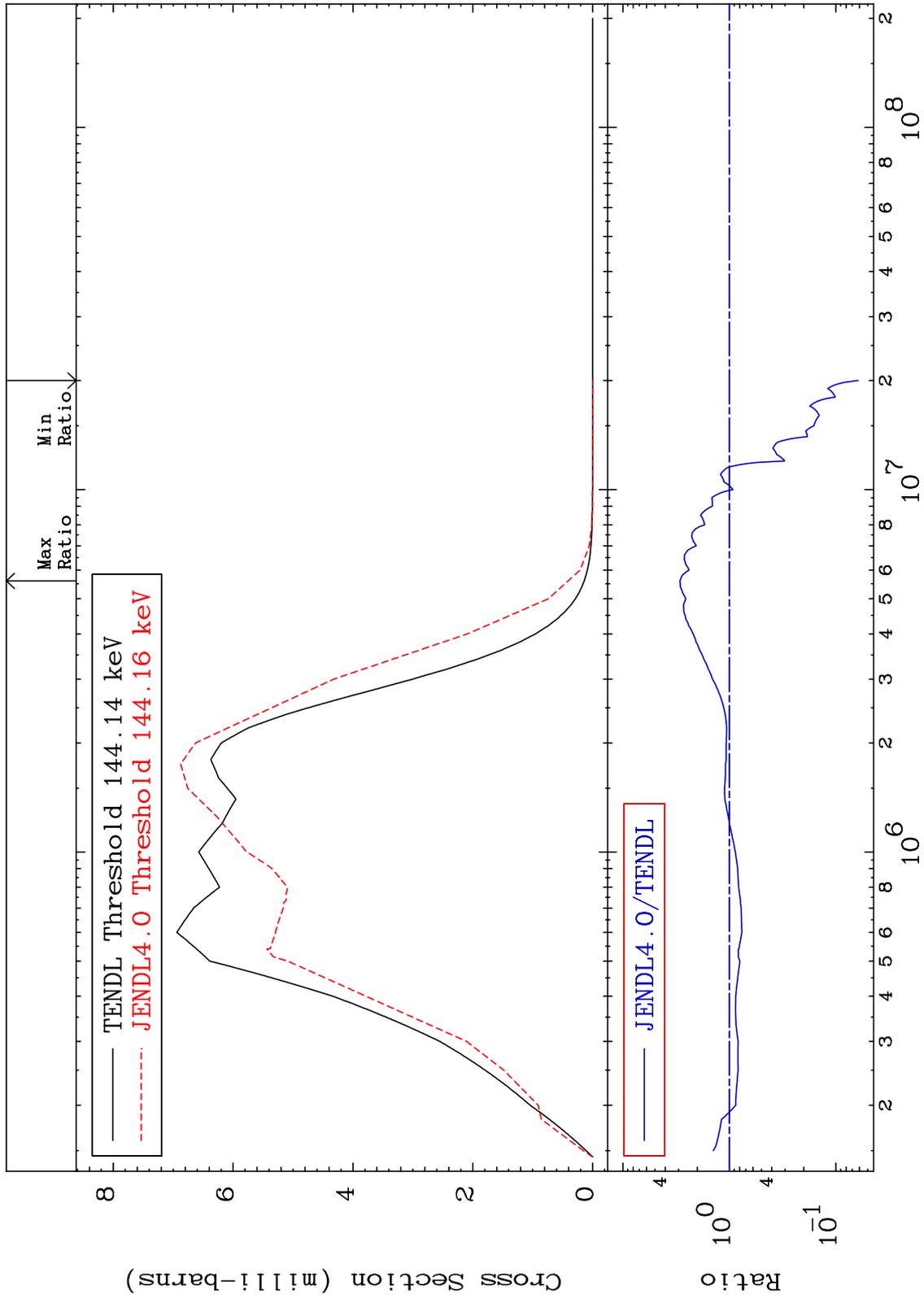
Incident Energy (eV)

43-Tc-99

MAT 4325

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

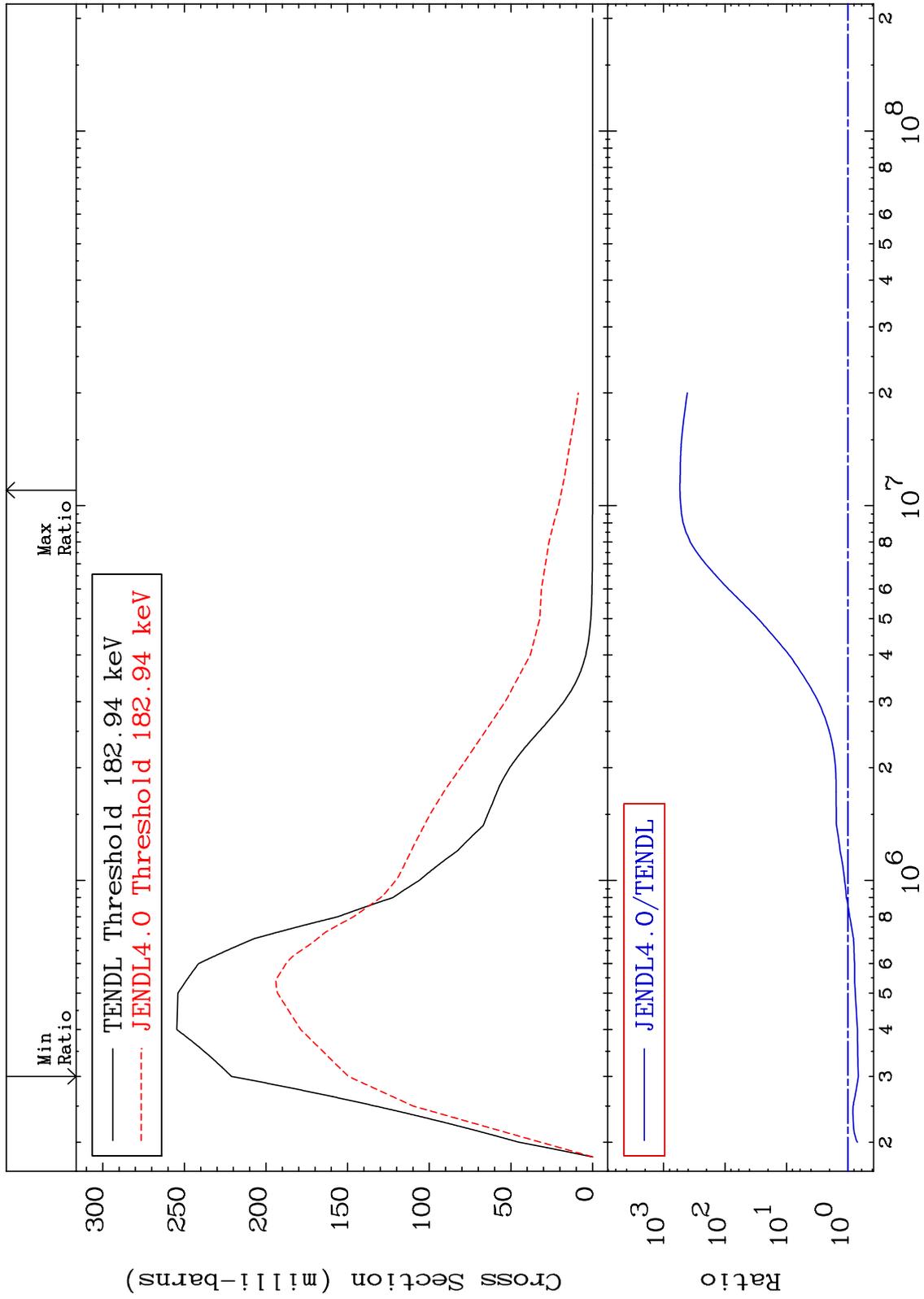
43-Tc-99
-93.87 To 191.2 %



MAT 4325

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

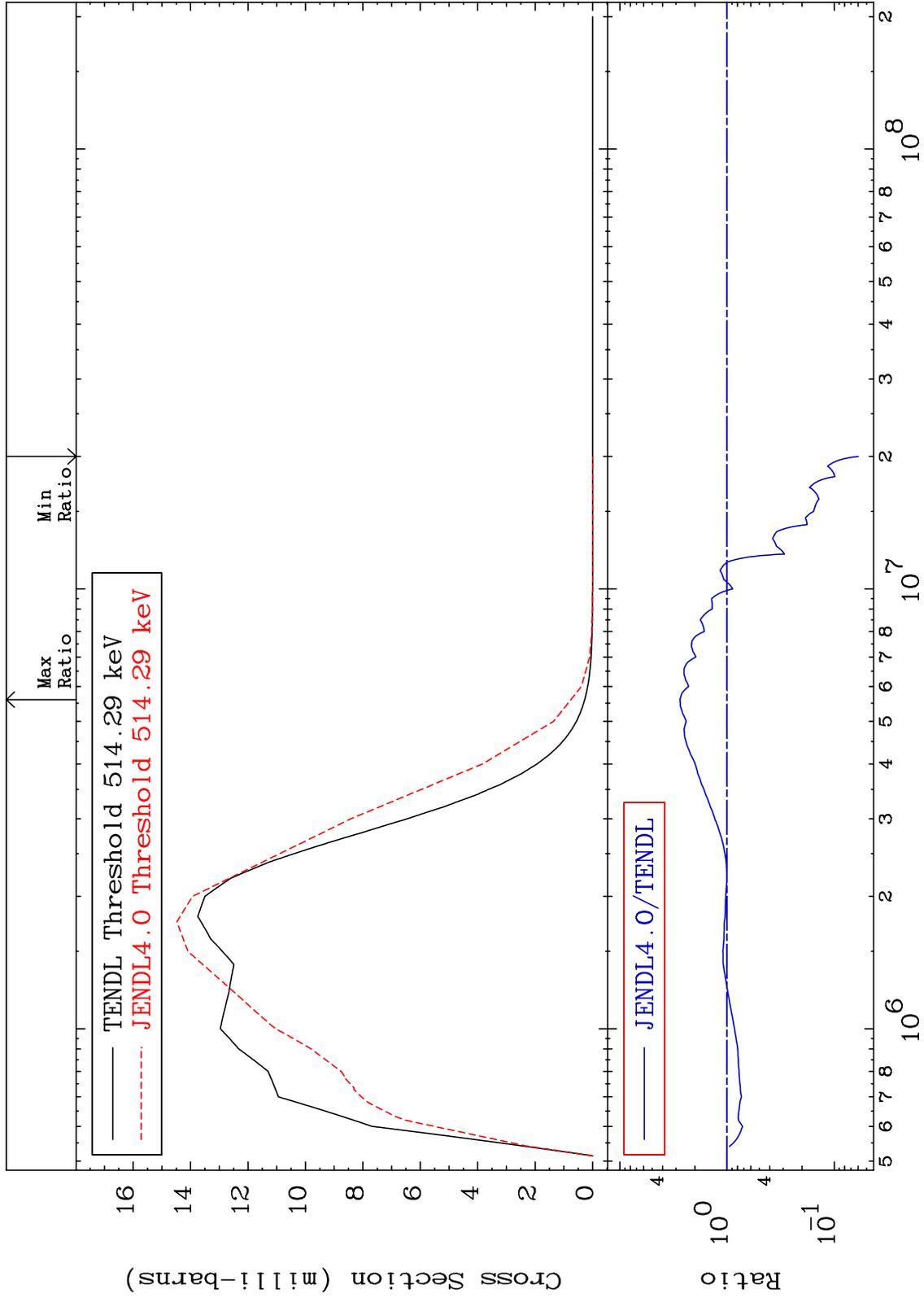
43-Tc-99
-32.36 To 9999. %



MAT 4325

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

43-Tc-99
-94.04 To 175.4 %



13

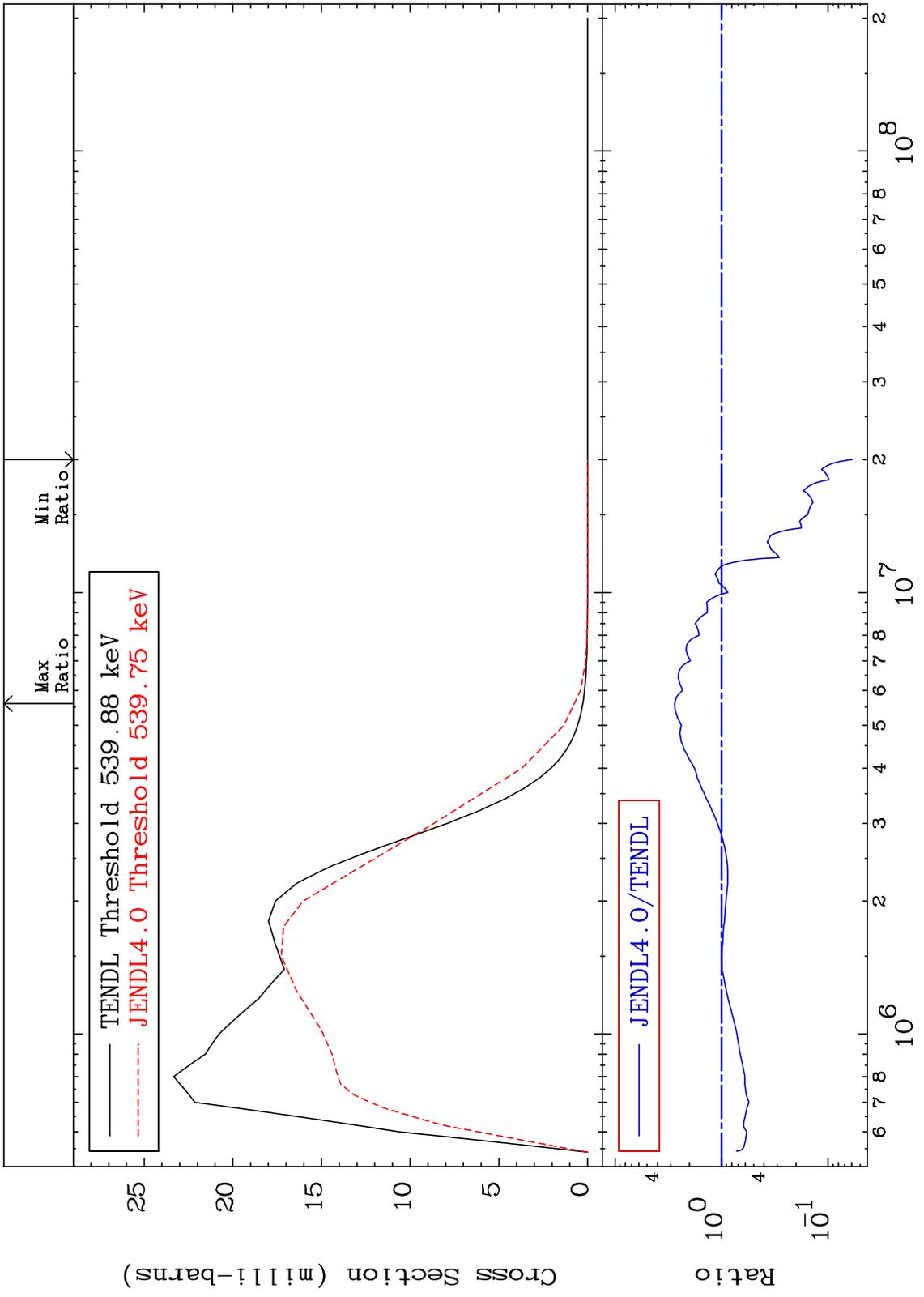
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99
-94.07 To 176.7 %



14

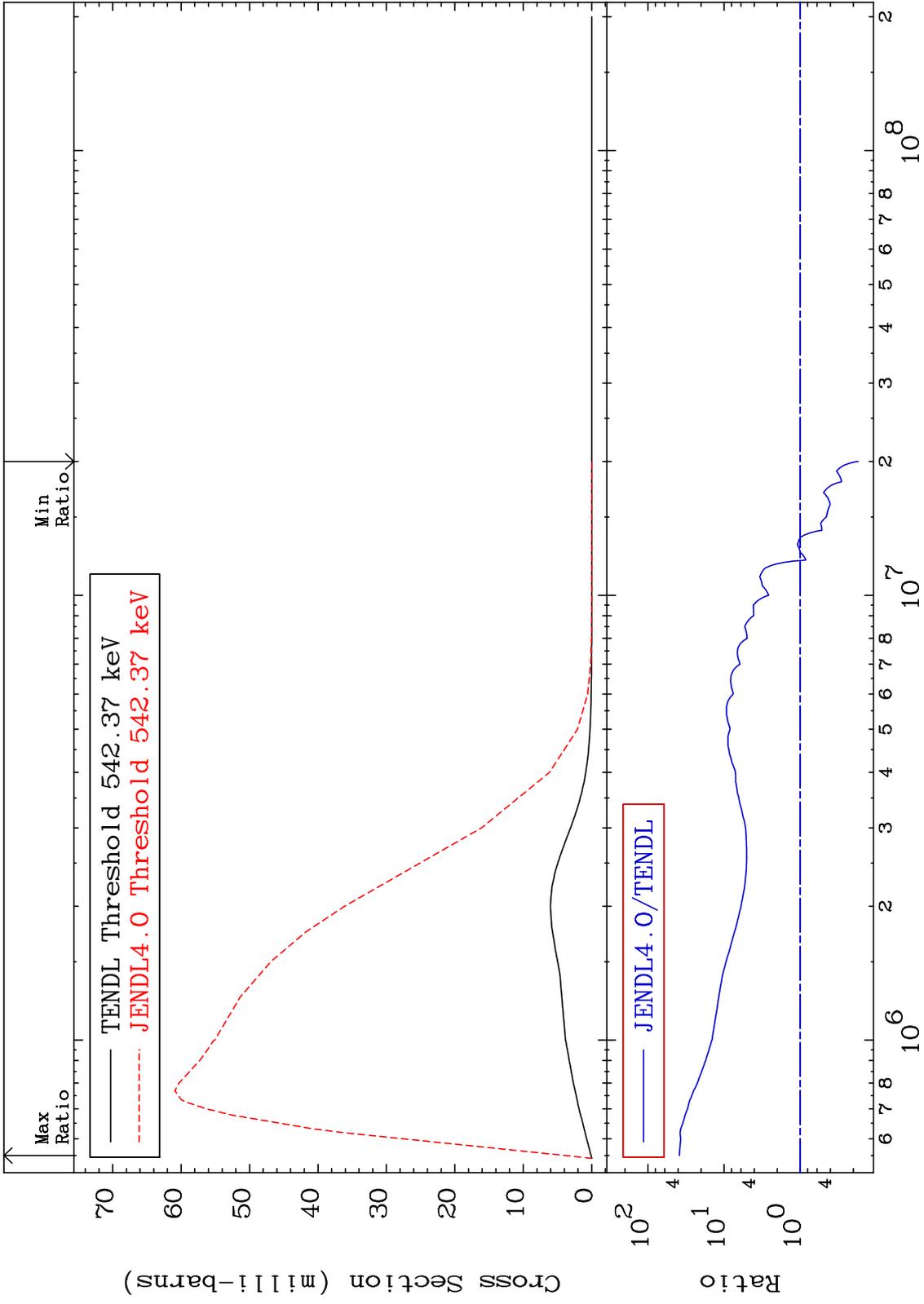
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99
-82.73 To 3772. %



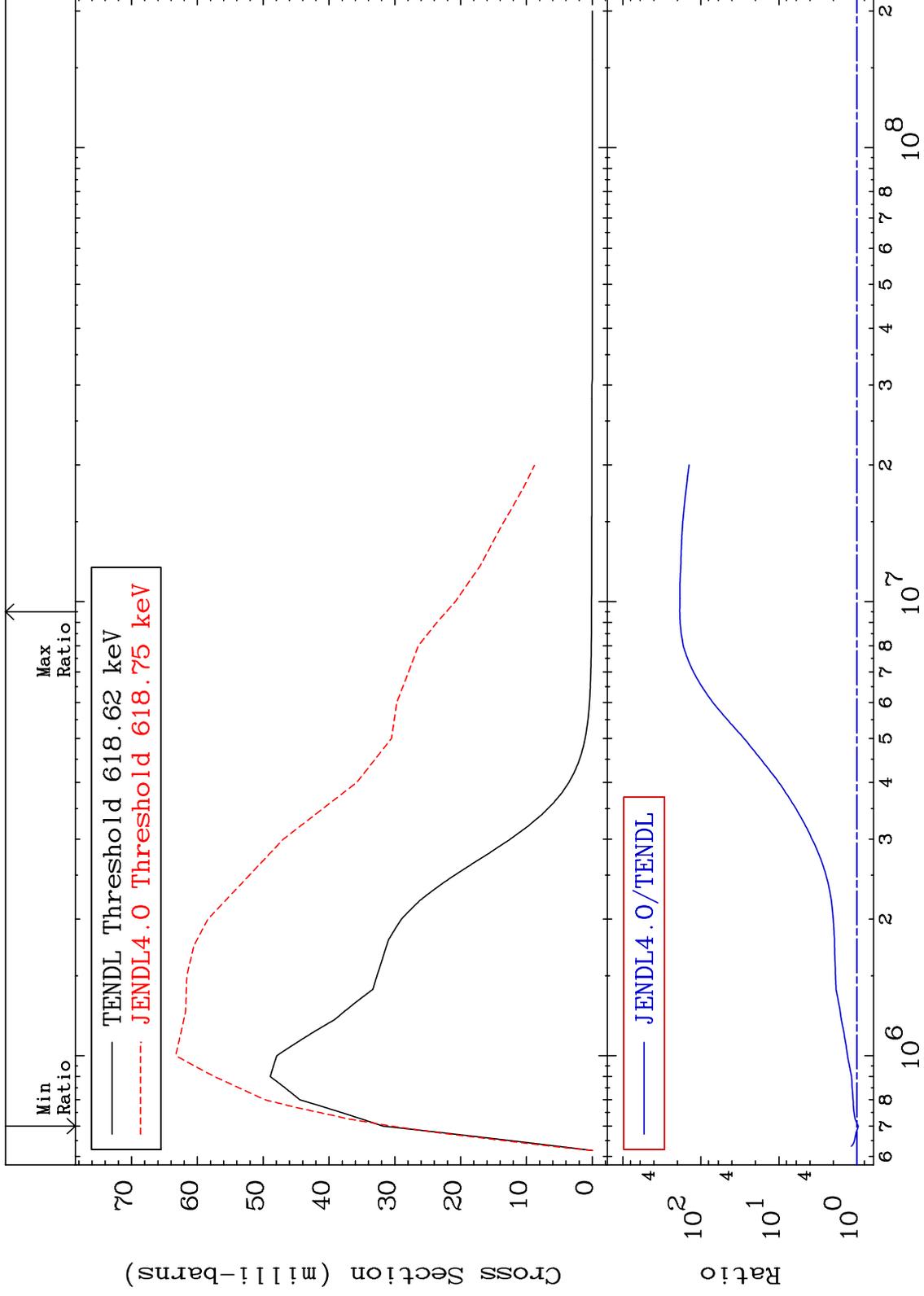
MAT 4325

MT= 57 (n,n') Level

43-Tc-99

-4.051 To 9999. %

Cross Section

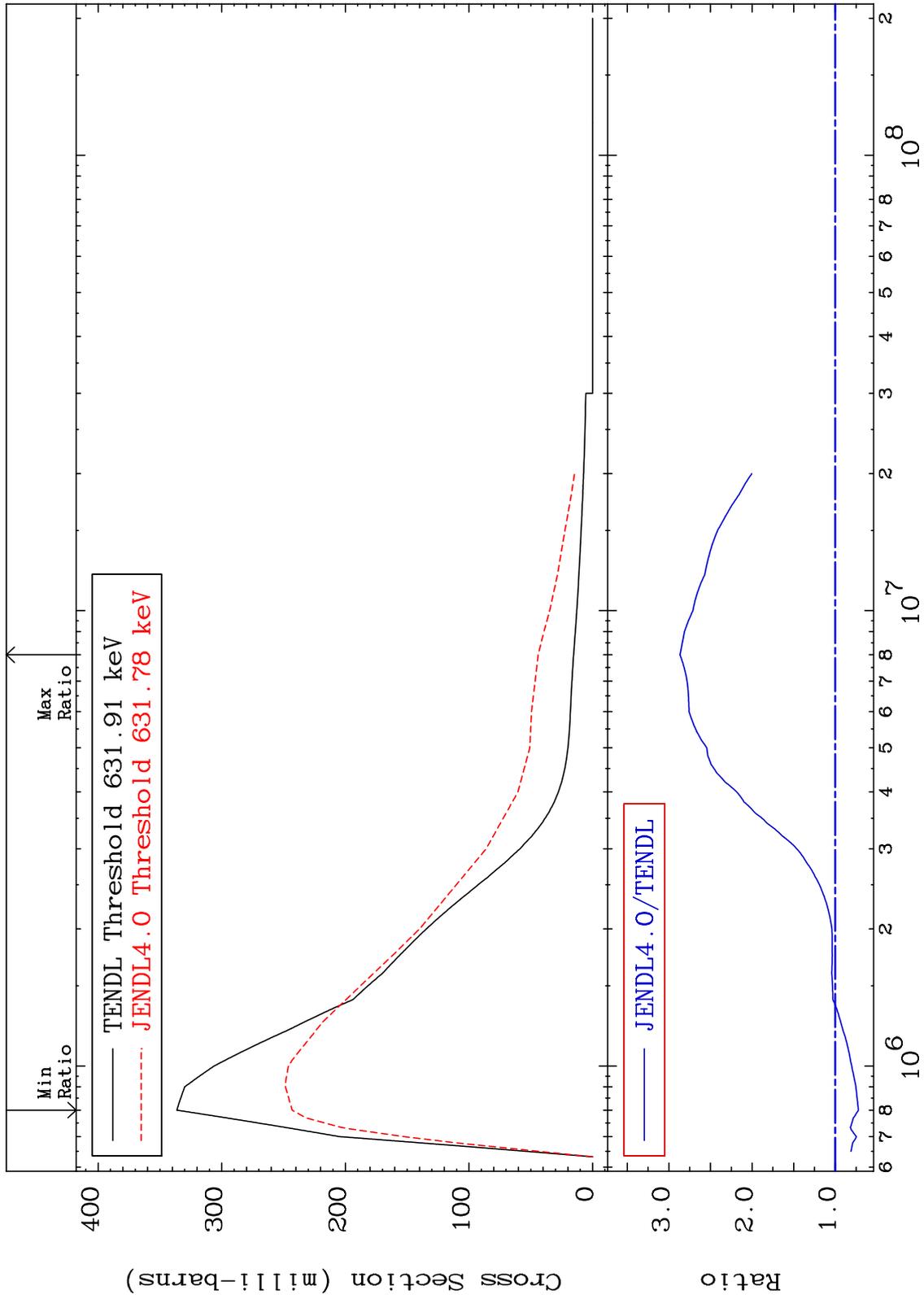


16

Incident Energy (eV)

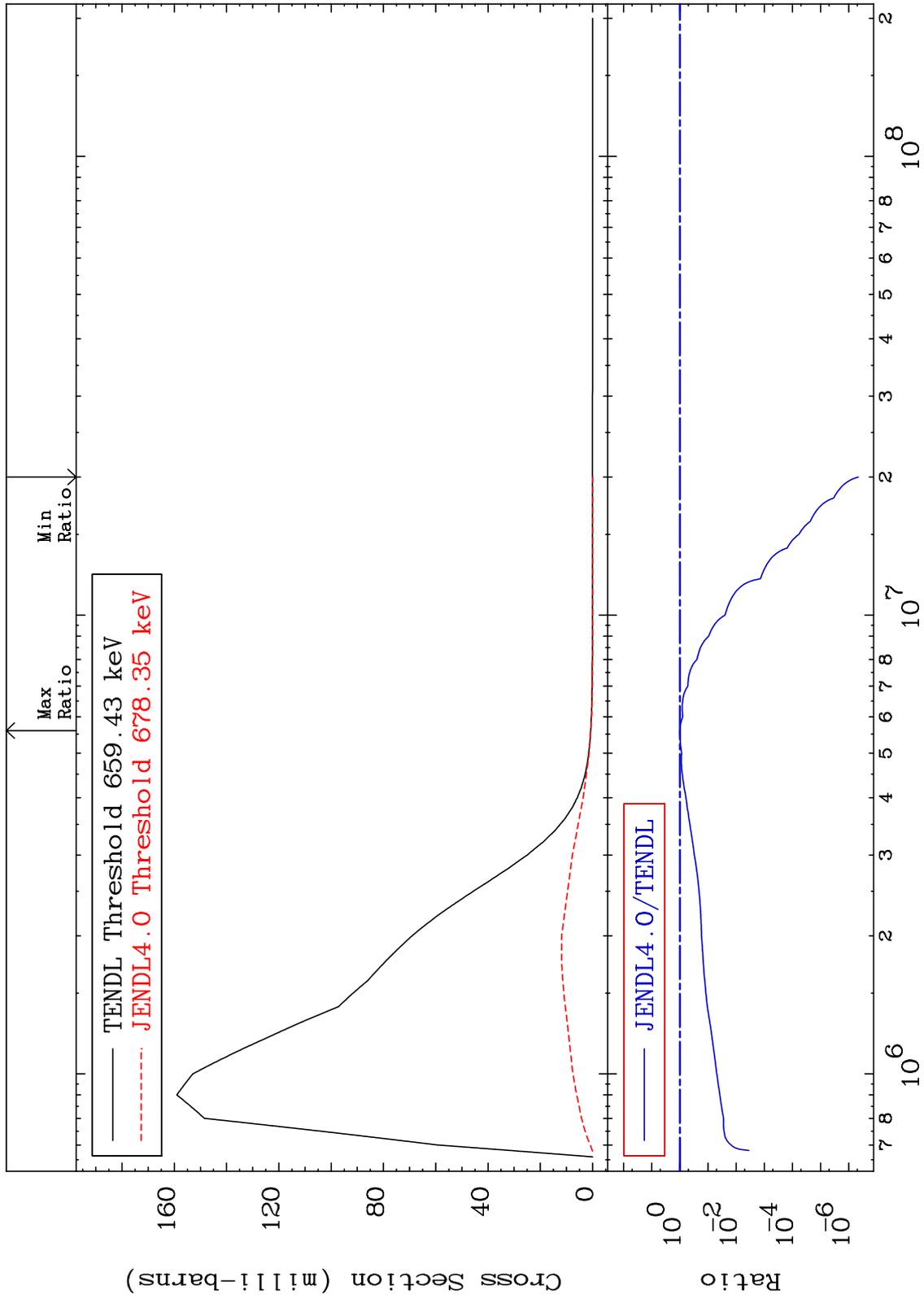
43-Tc-99

MAT 4325 MT= 58 (n,n') Level Cross Section -27.75 To 186.7 % 43-Tc-99



17 Incident Energy (eV) 43-Tc-99

MAT 4325 MT= 59 (n,n') Level Cross Section -100.0 To 0.274 % 43-Tc-99

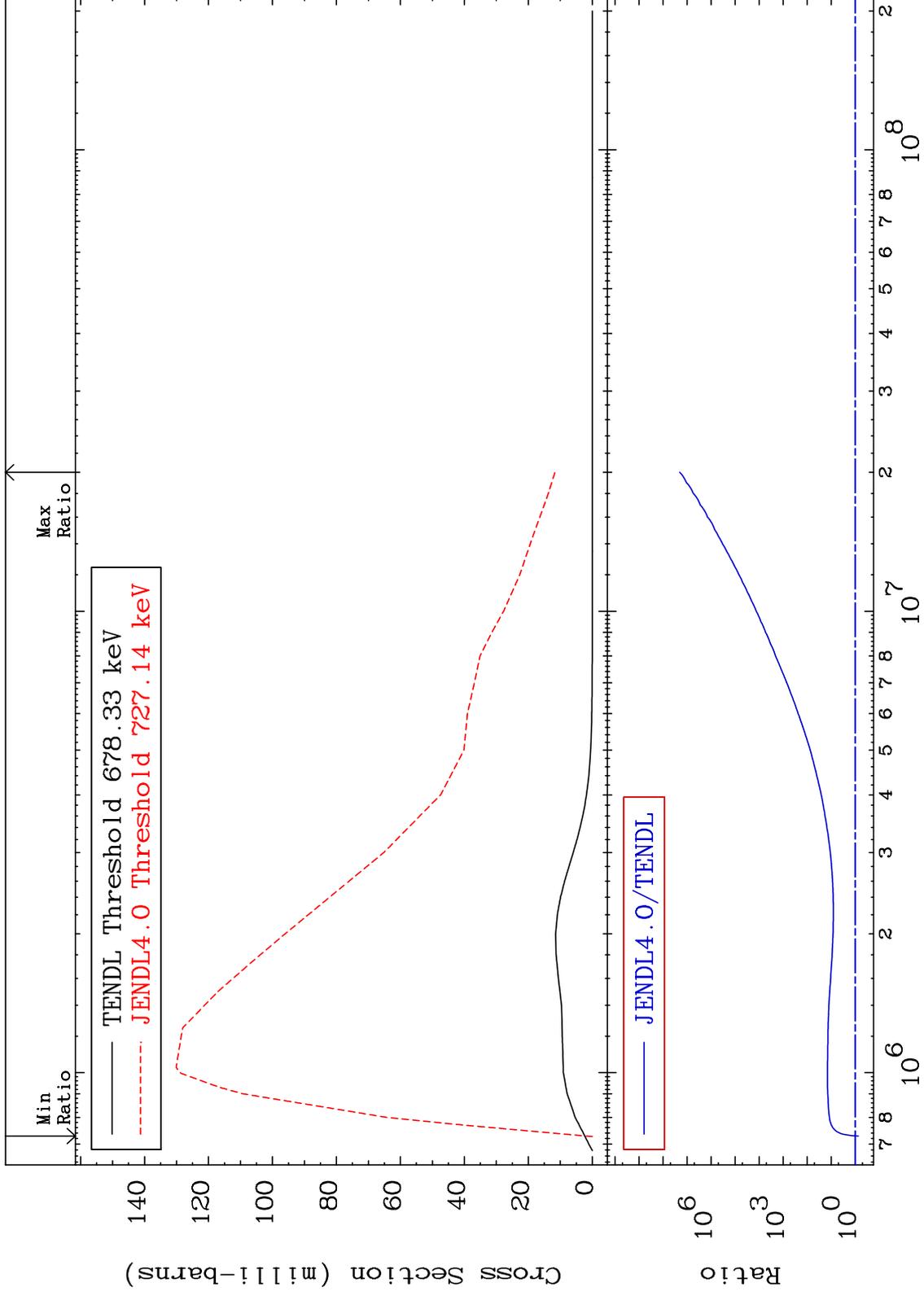


18 Incident Energy (eV) 43-Tc-99

MAT 4325

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

43-Tc-99
-25.57 To 9999. %



19

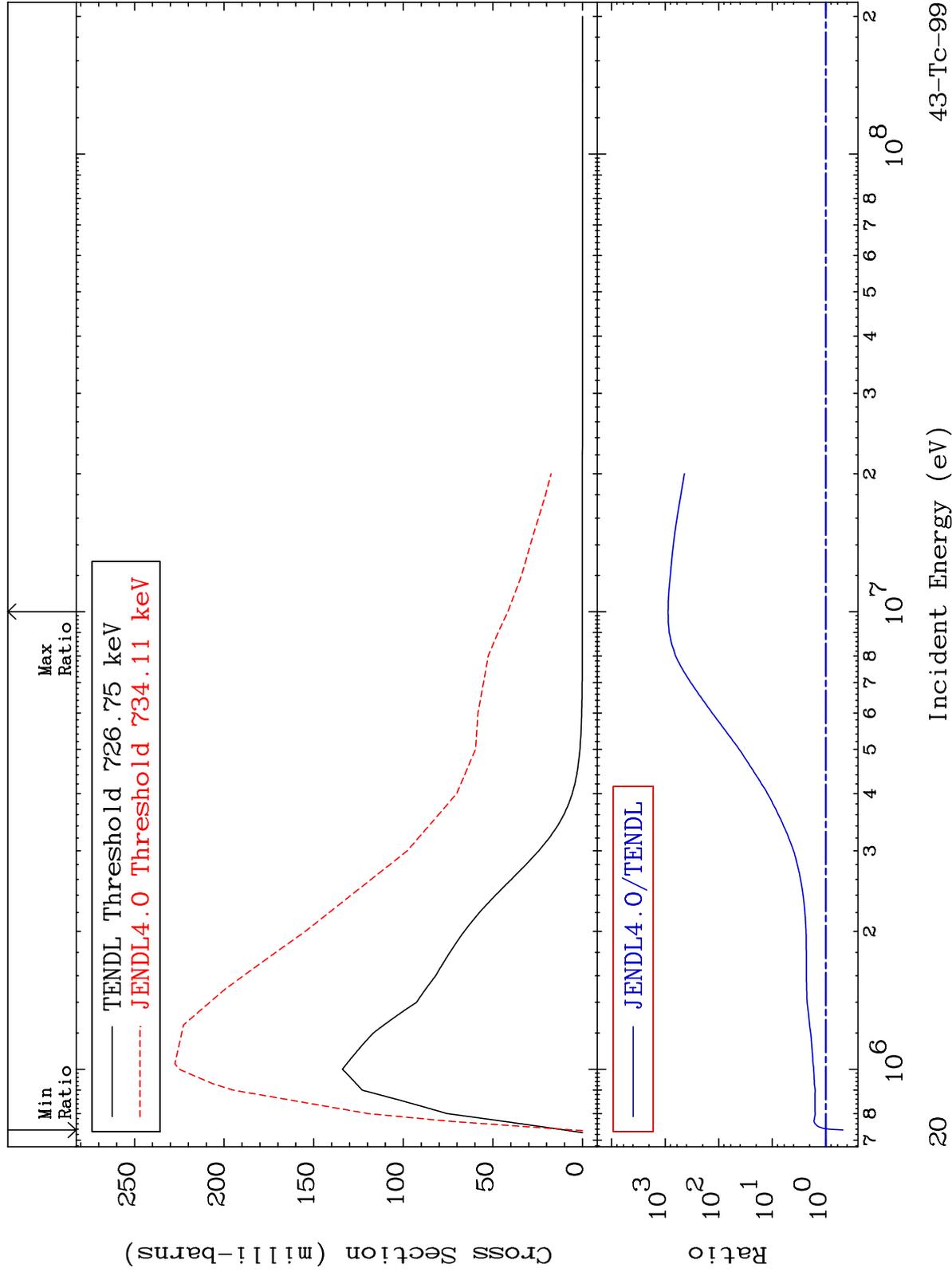
Incident Energy (eV)

43-Tc-99

MAT 4325

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

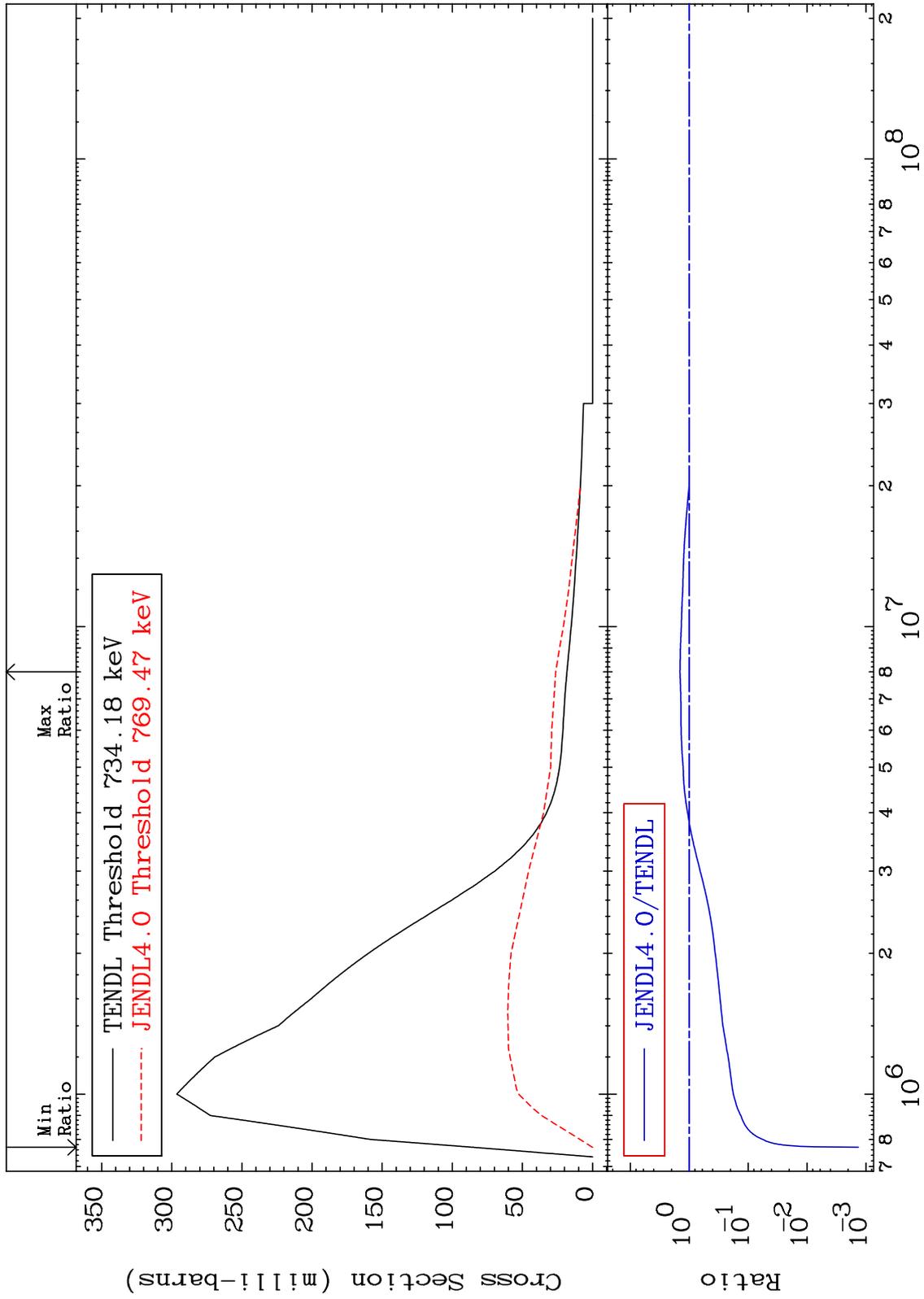
43-Tc-99
-52.27 To 9999. %



MAT 4325

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

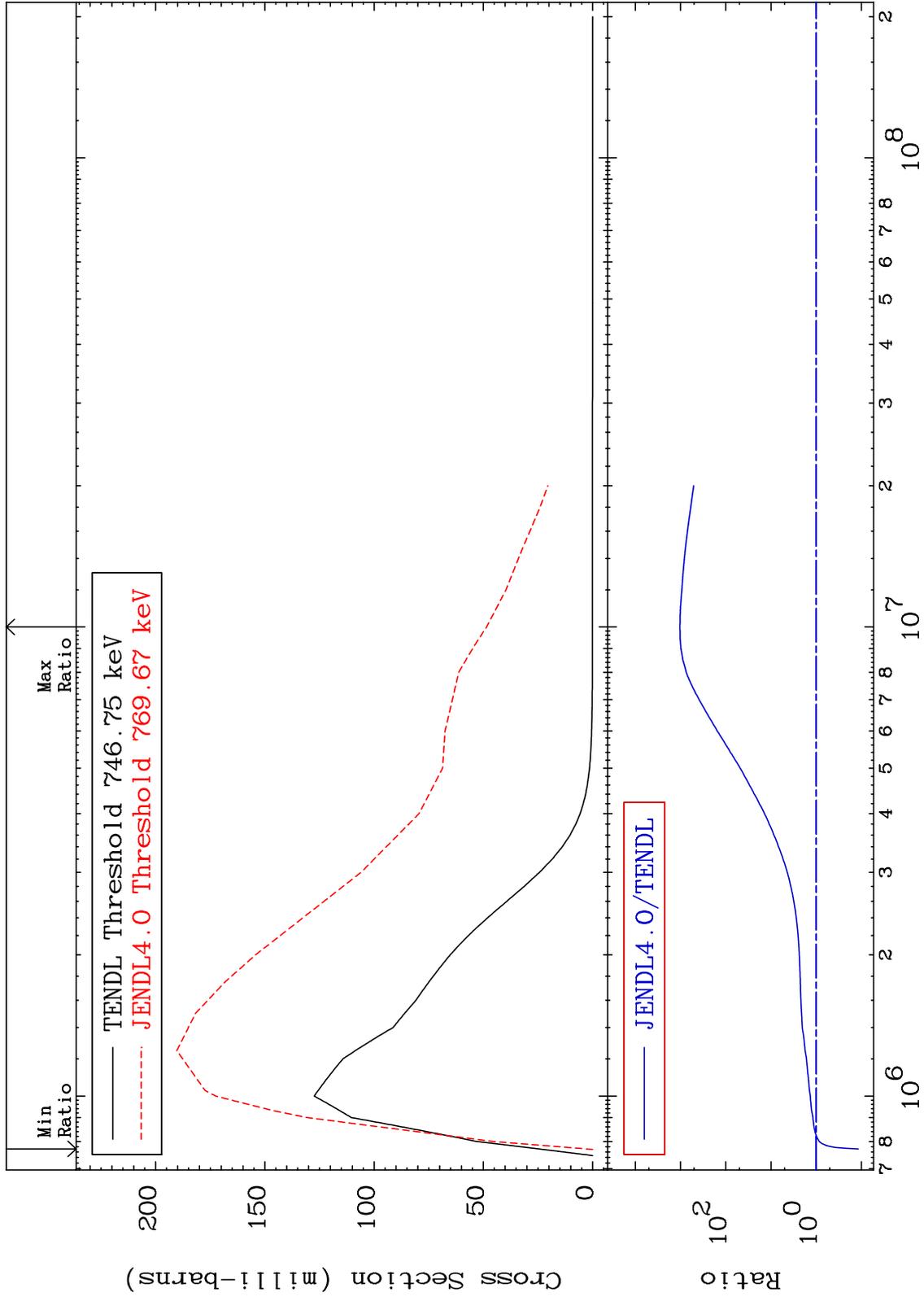
43-Tc-99
-99.87 To 43.88 %



MAT 4325

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

43-Tc-99
-88.33 To 9999. %



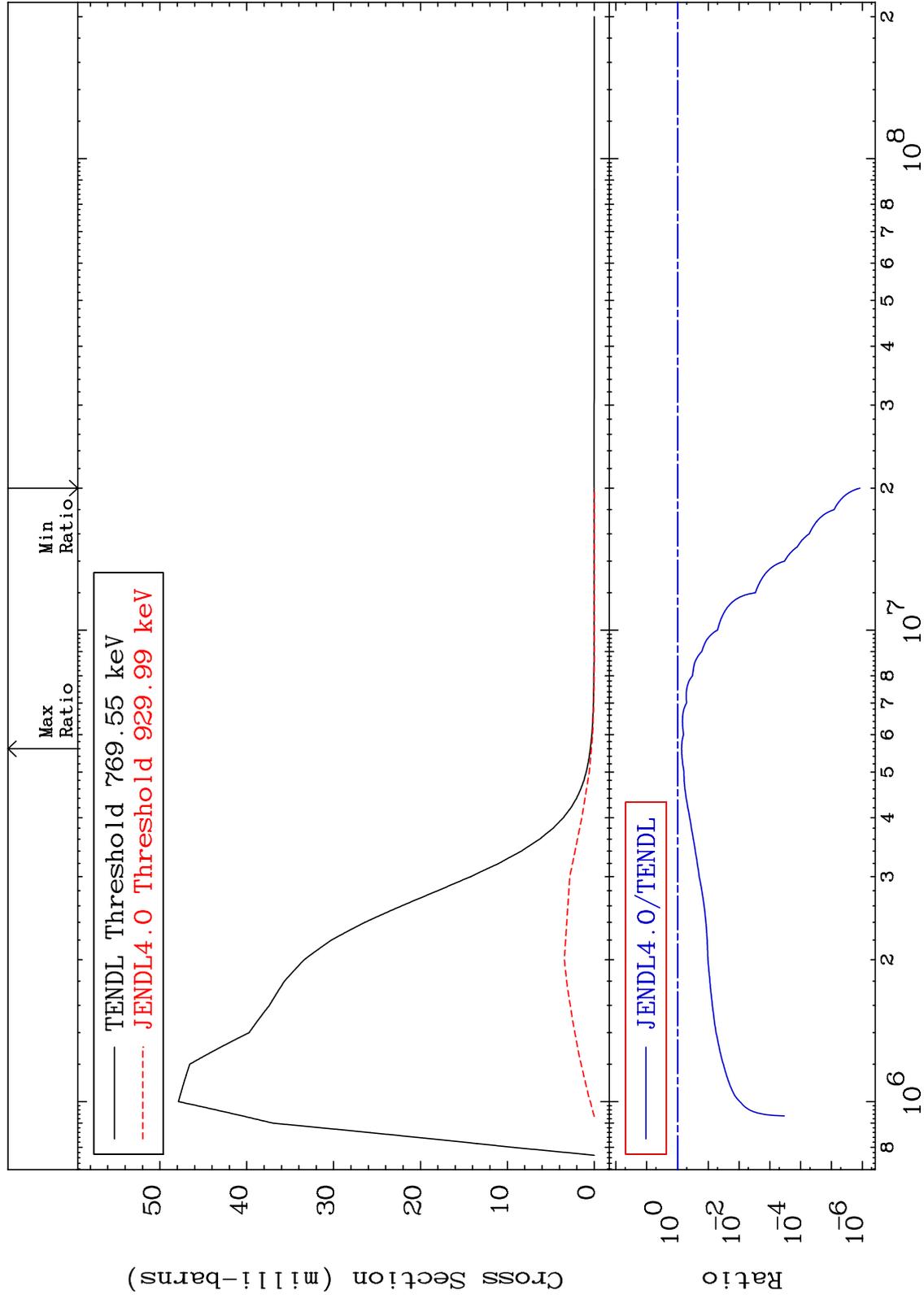
22

43-Tc-99

MAT 4325

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

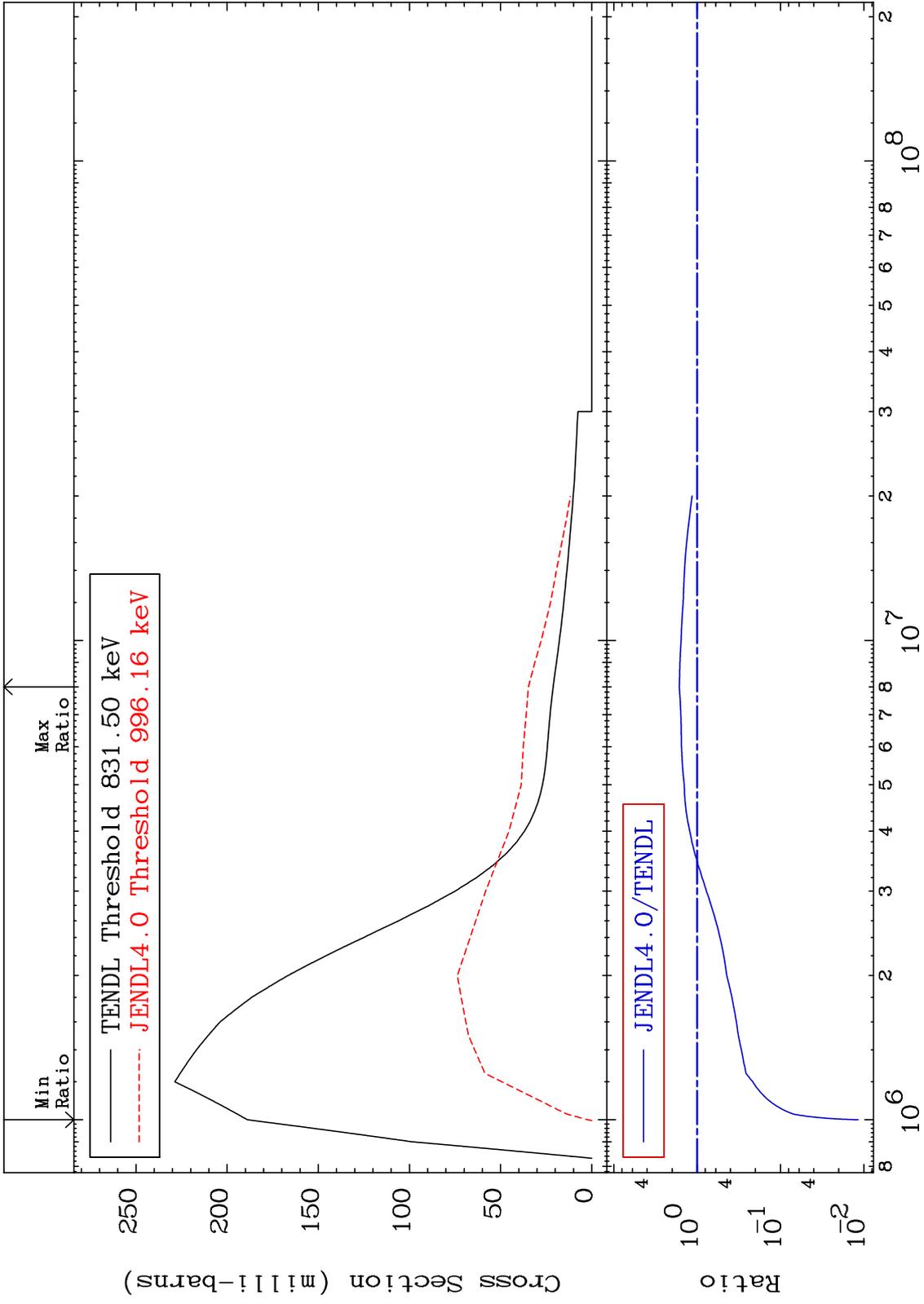
43-Tc-99
-100.0 To -26.29%



MAT 4325

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

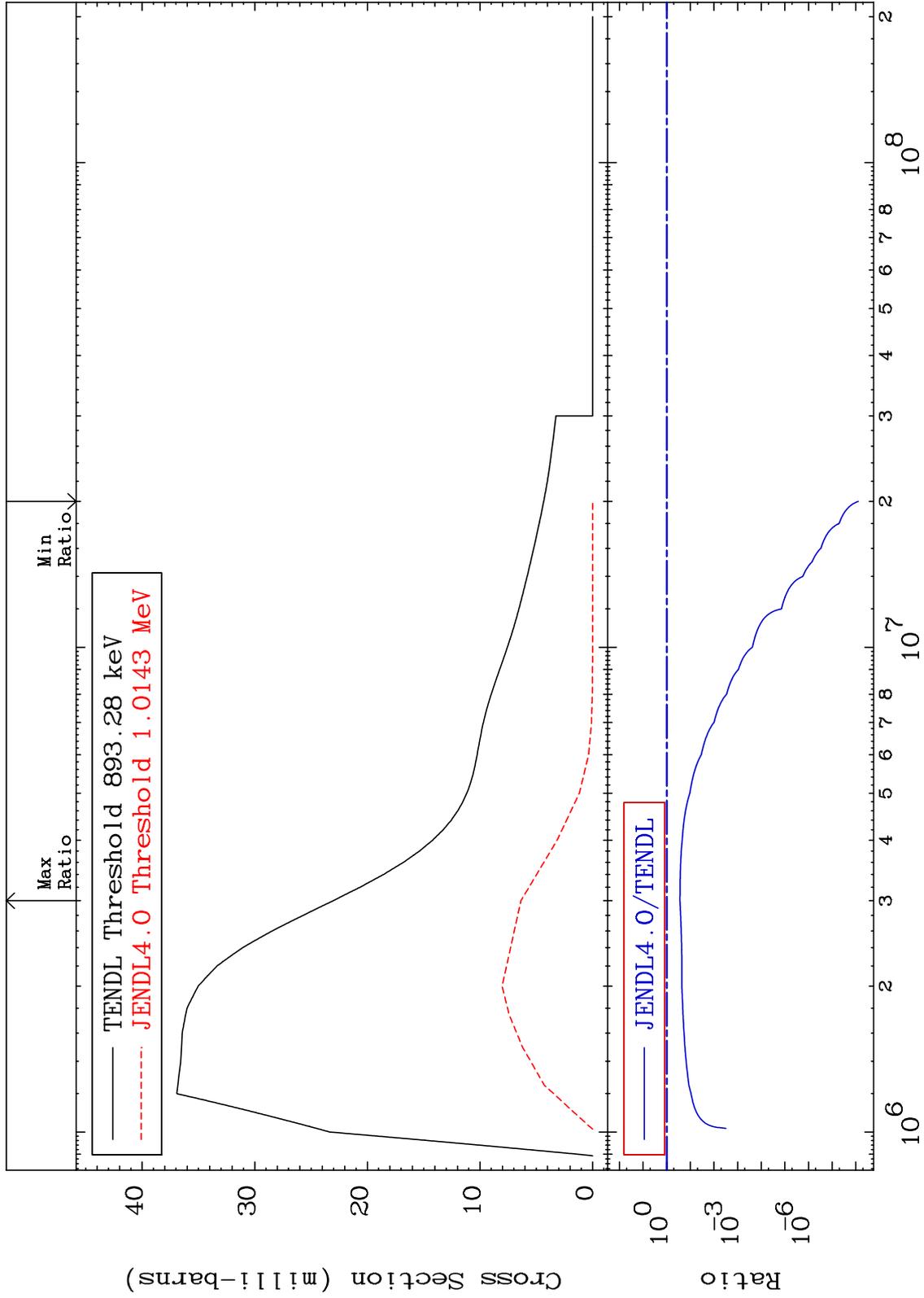
43-Tc-99
-98.83 To 64.14 %



MAT 4325

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

43-Tc-99
-100.0 To -72.38%



25

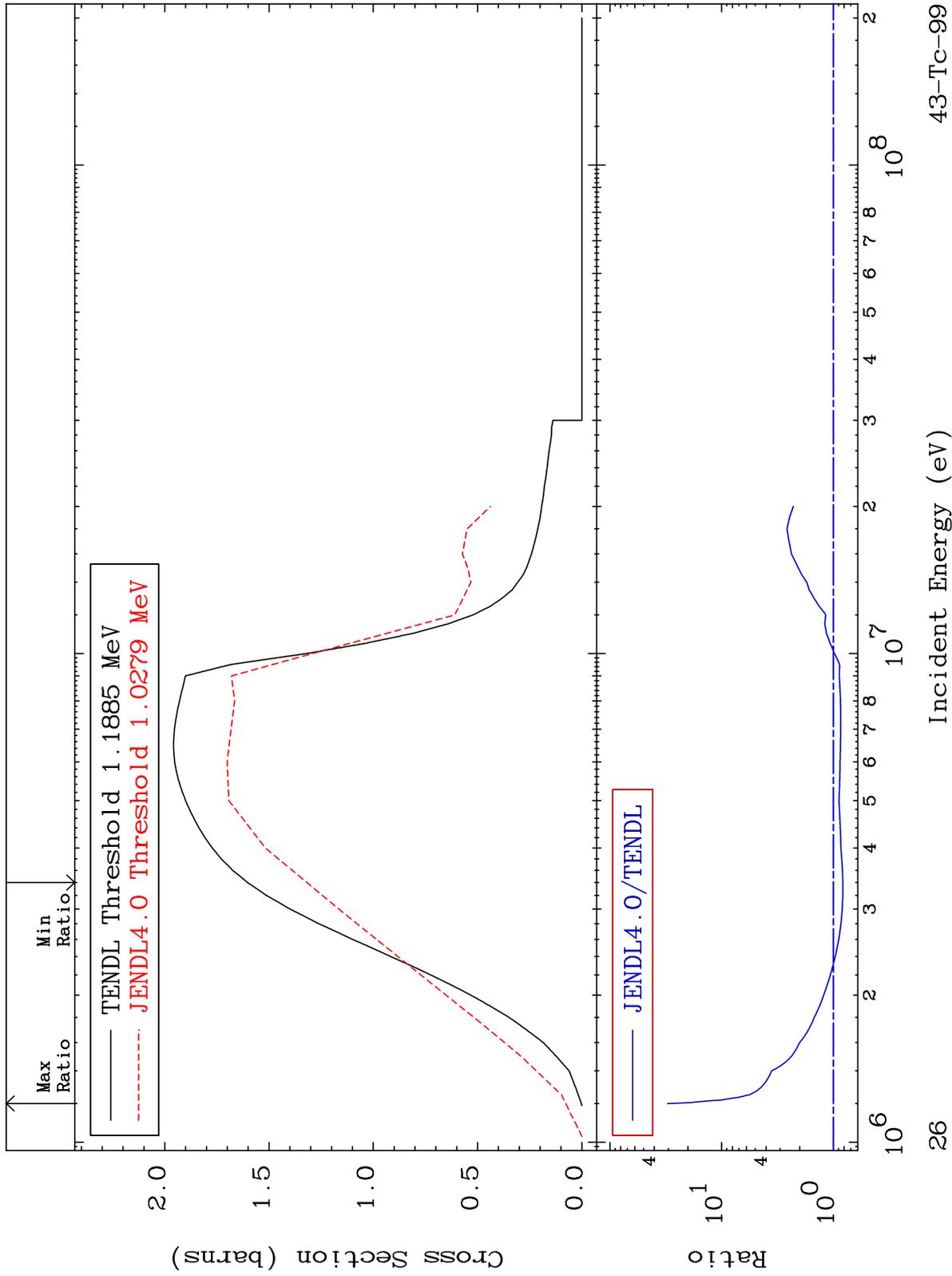
Incident Energy (eV)

43-Tc-99

MAT 4325

(n, n') Continuum
Cross Section

43-Tc-99
-17.76 To 2944. %



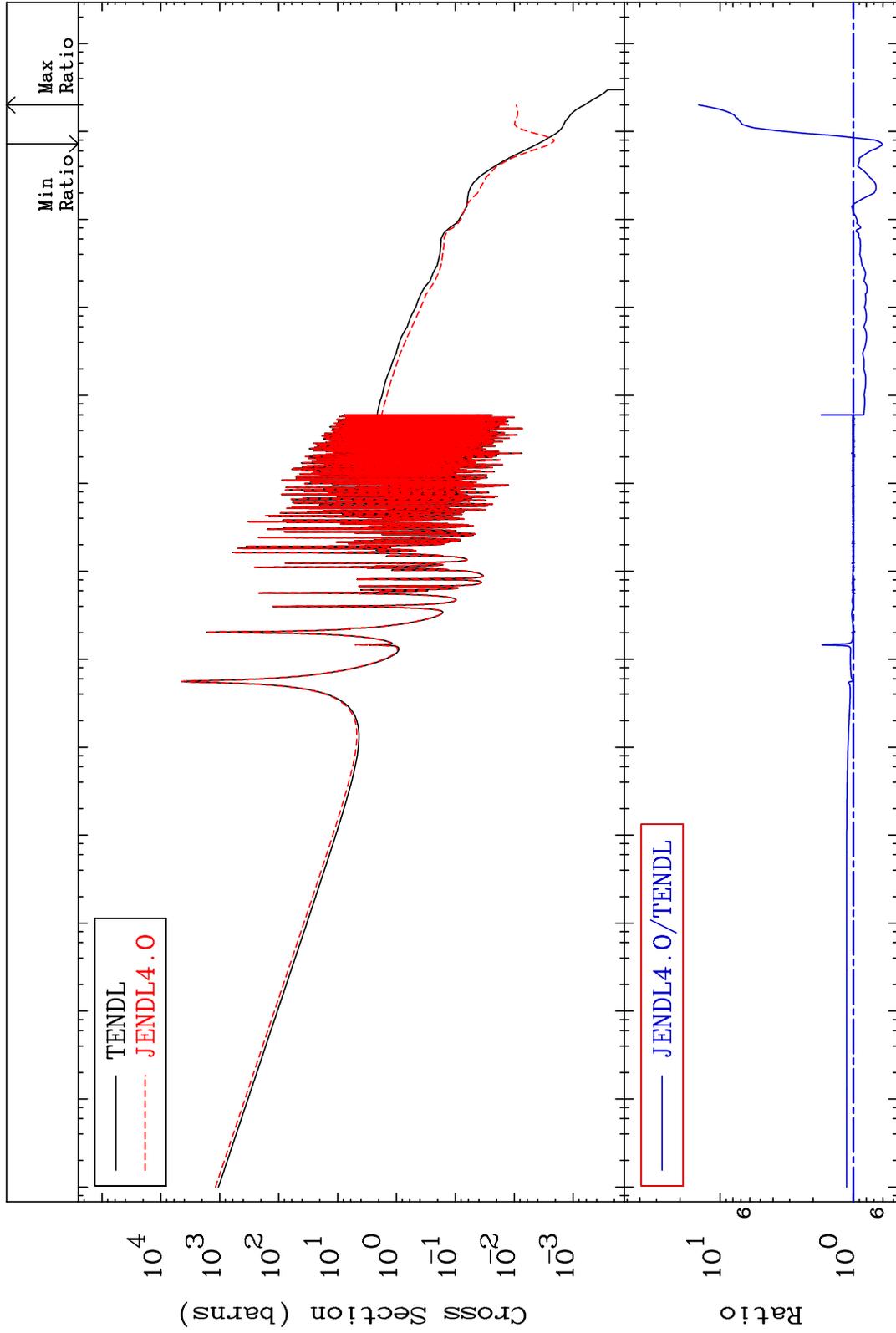
MAT 4325

(n, γ)

43-Tc-99

Cross Section

-39.17 To 1348. %



Incident Energy (eV)

27

43-Tc-99

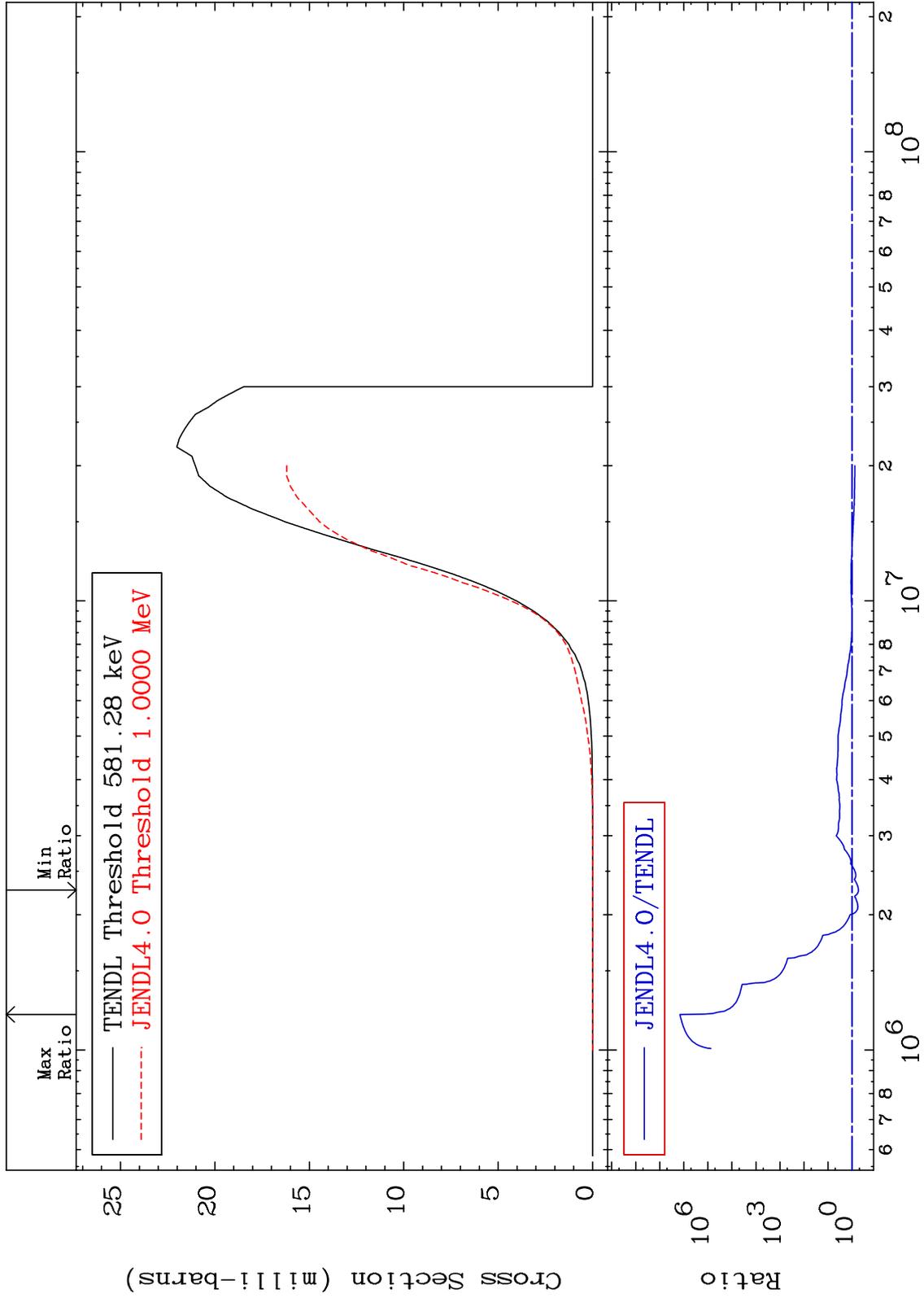
MAT 4325

(n,p)

43-Tc-99

Cross Section

-45.12 To 9999. %



28

Incident Energy (eV)

43-Tc-99

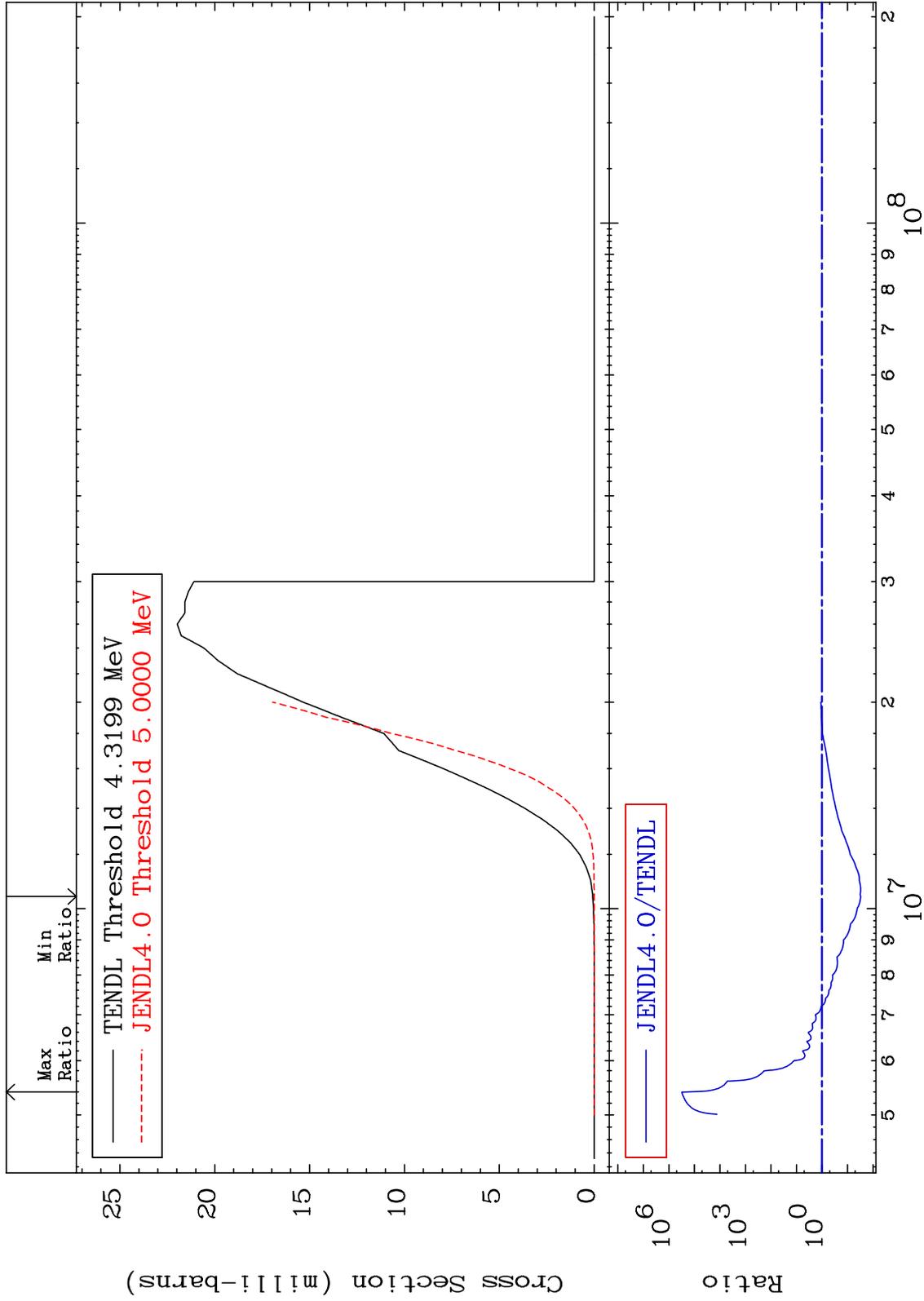
MAT 4325

(n, d)

43-Tc-99

Cross Section

-96.95 To 9999. %



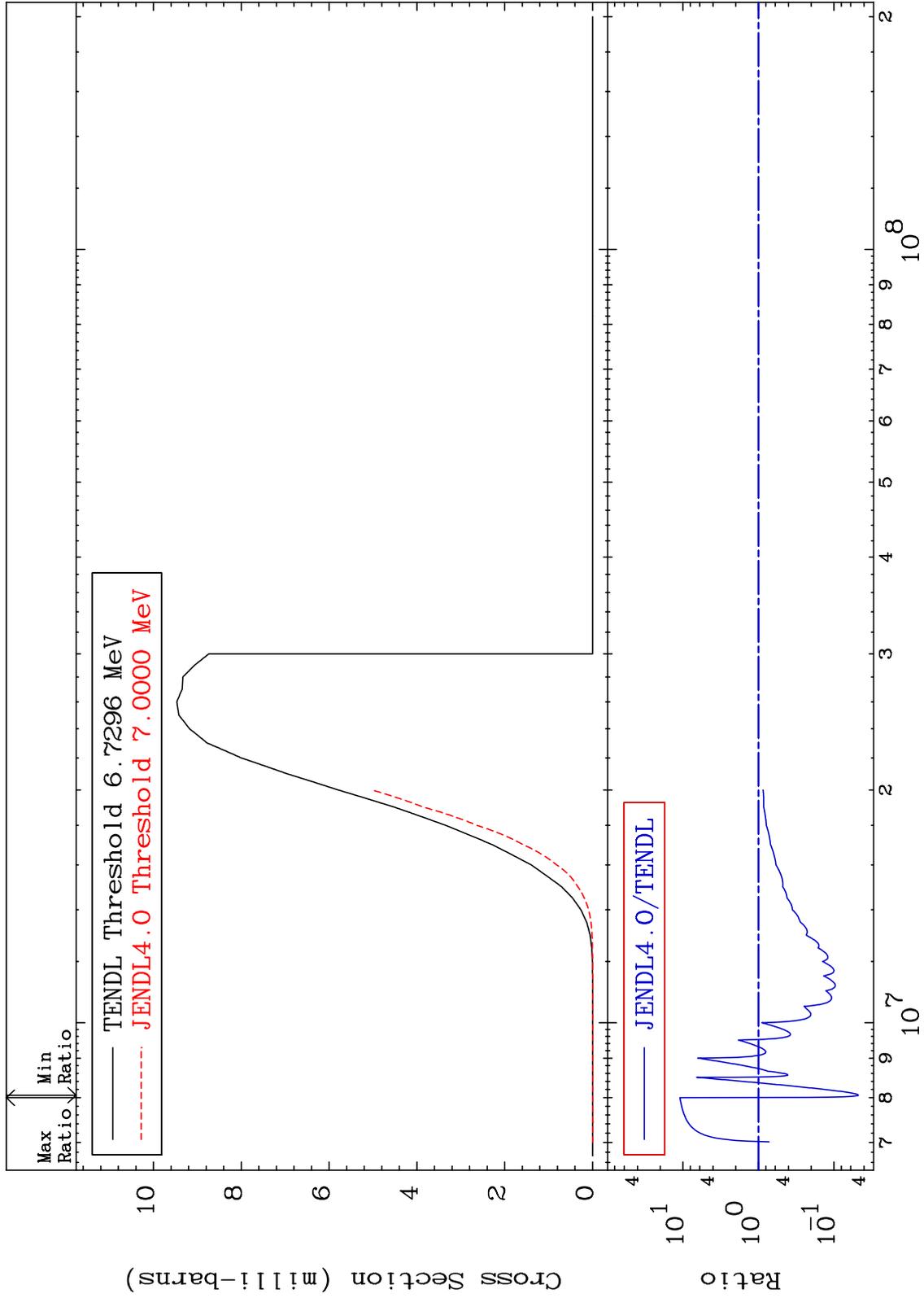
MAT 4325

(n, t)

43-Tc-99

Cross Section

-95.25 To 995.1 %



30

Incident Energy (eV)

43-Tc-99

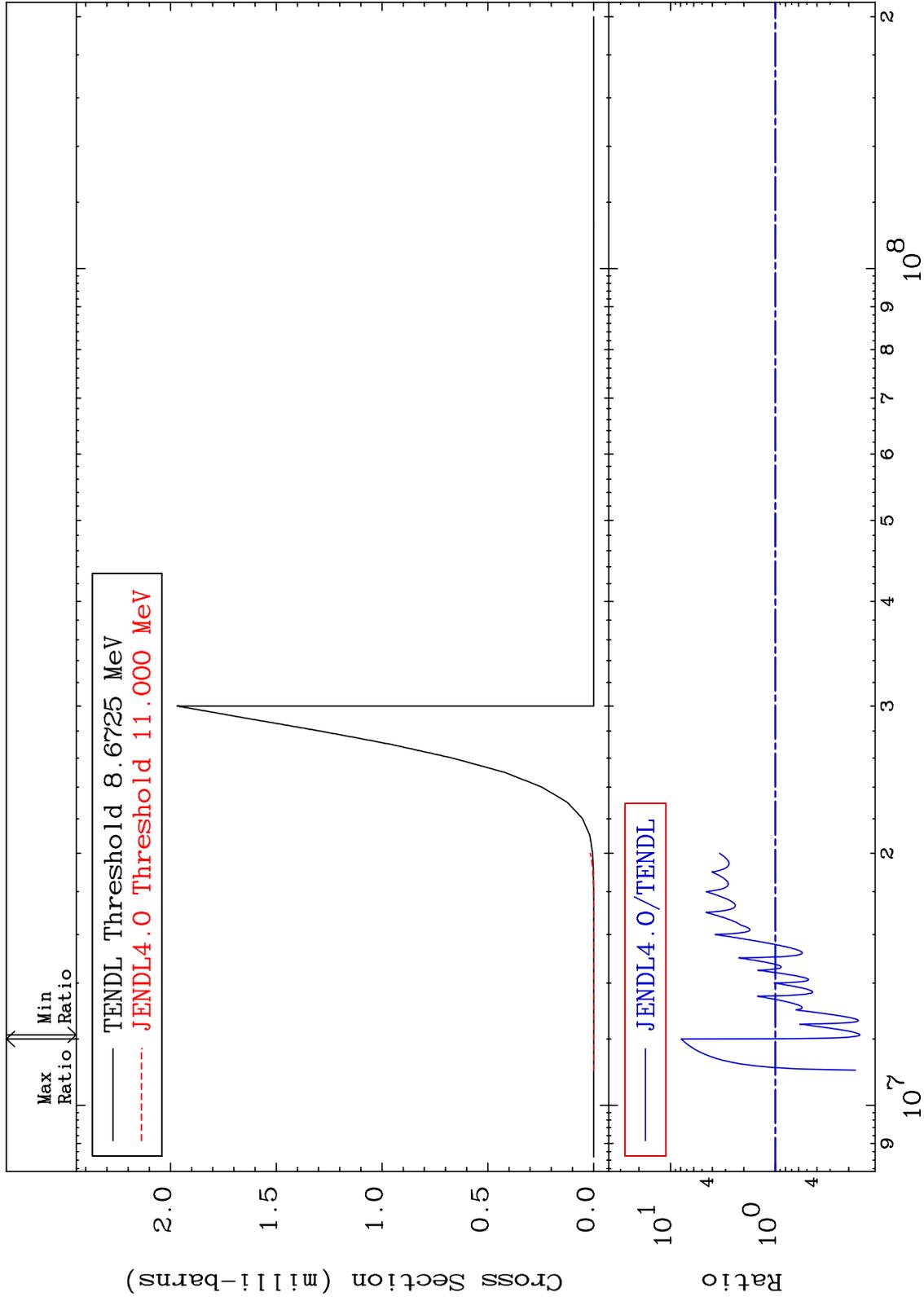
MAT 4325

(n, He-3)

43-Tc-99

Cross Section

-84.39 To 692.0 %



31

Incident Energy (eV)

43-Tc-99

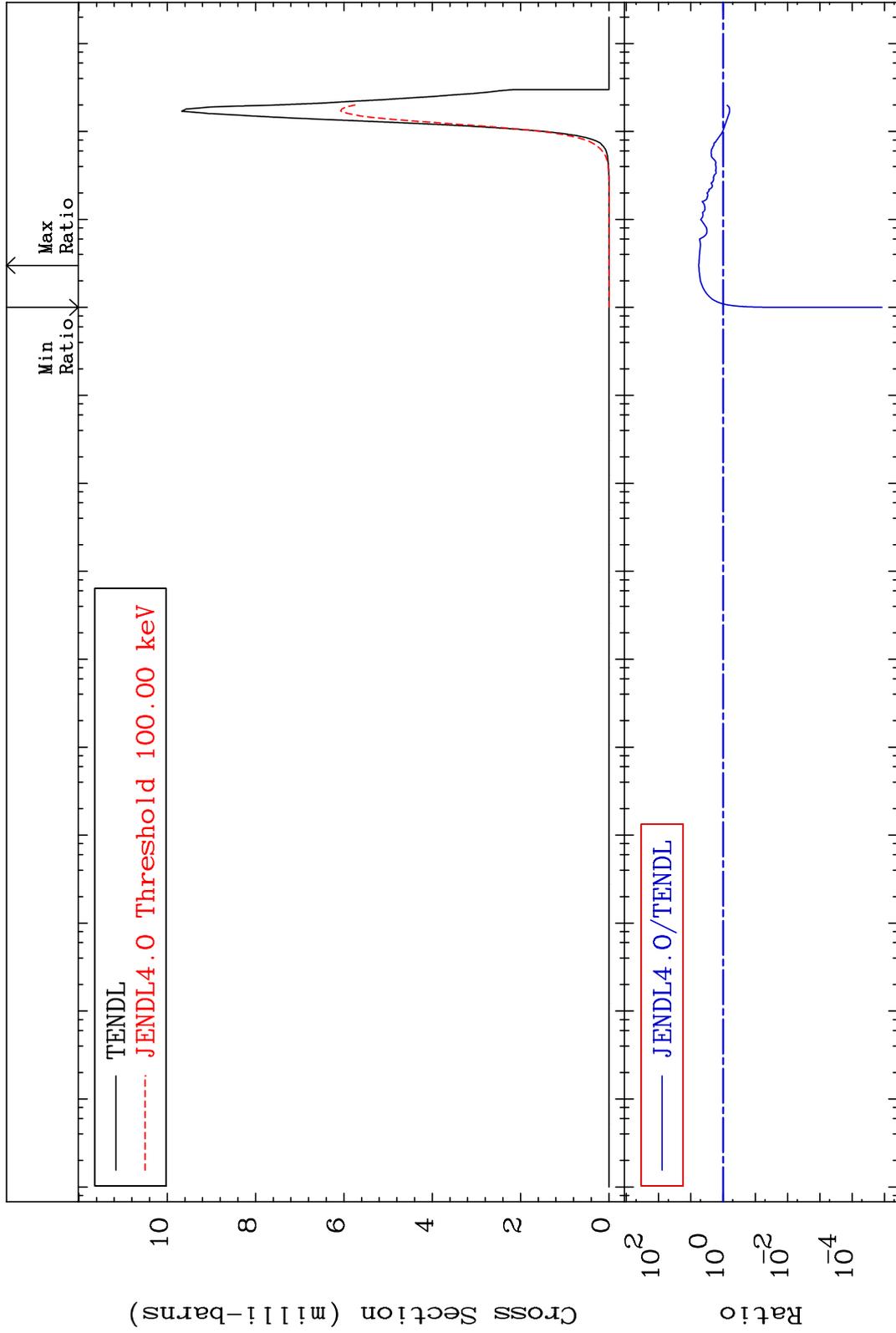
MAT 4325

(n, α)

43-Tc-99

Cross Section

-100.0 To 469.5 %



32

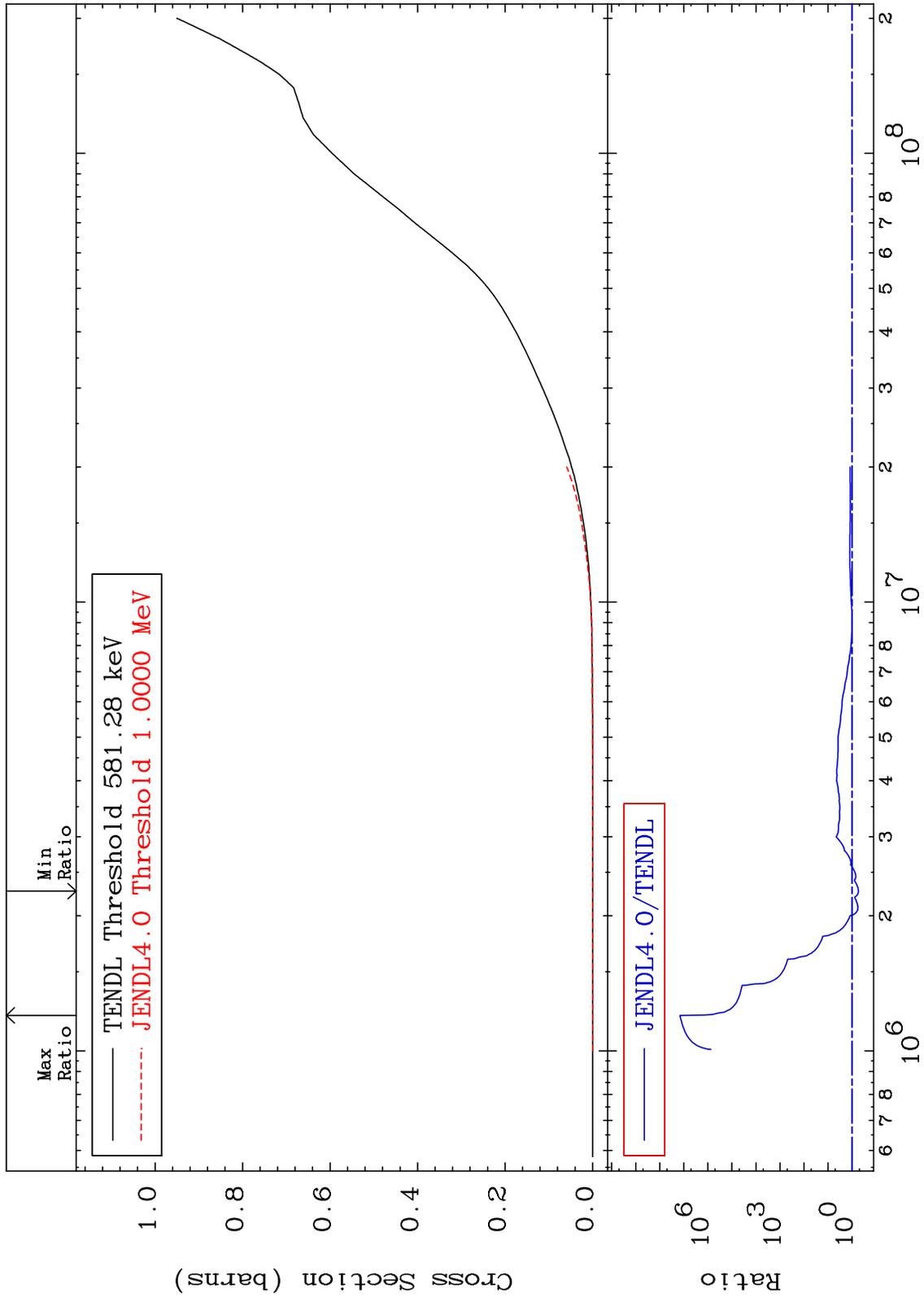
Incident Energy (eV)

43-Tc-99

MAT 4325

Hydrogen Production
Cross Section

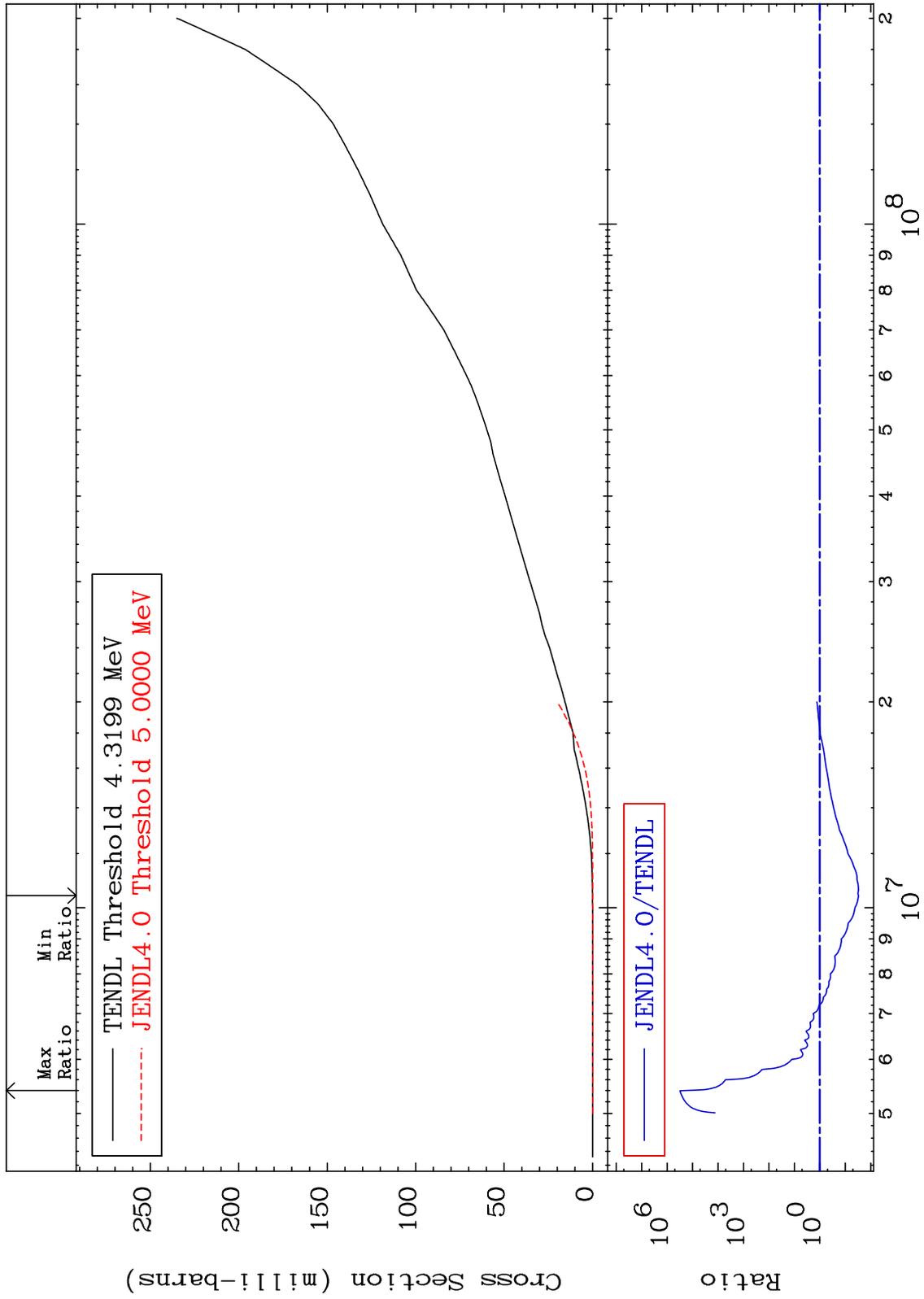
43-Tc-99
-45.12 To 9999. %



MAT 4325

Deuterium Production
Cross Section

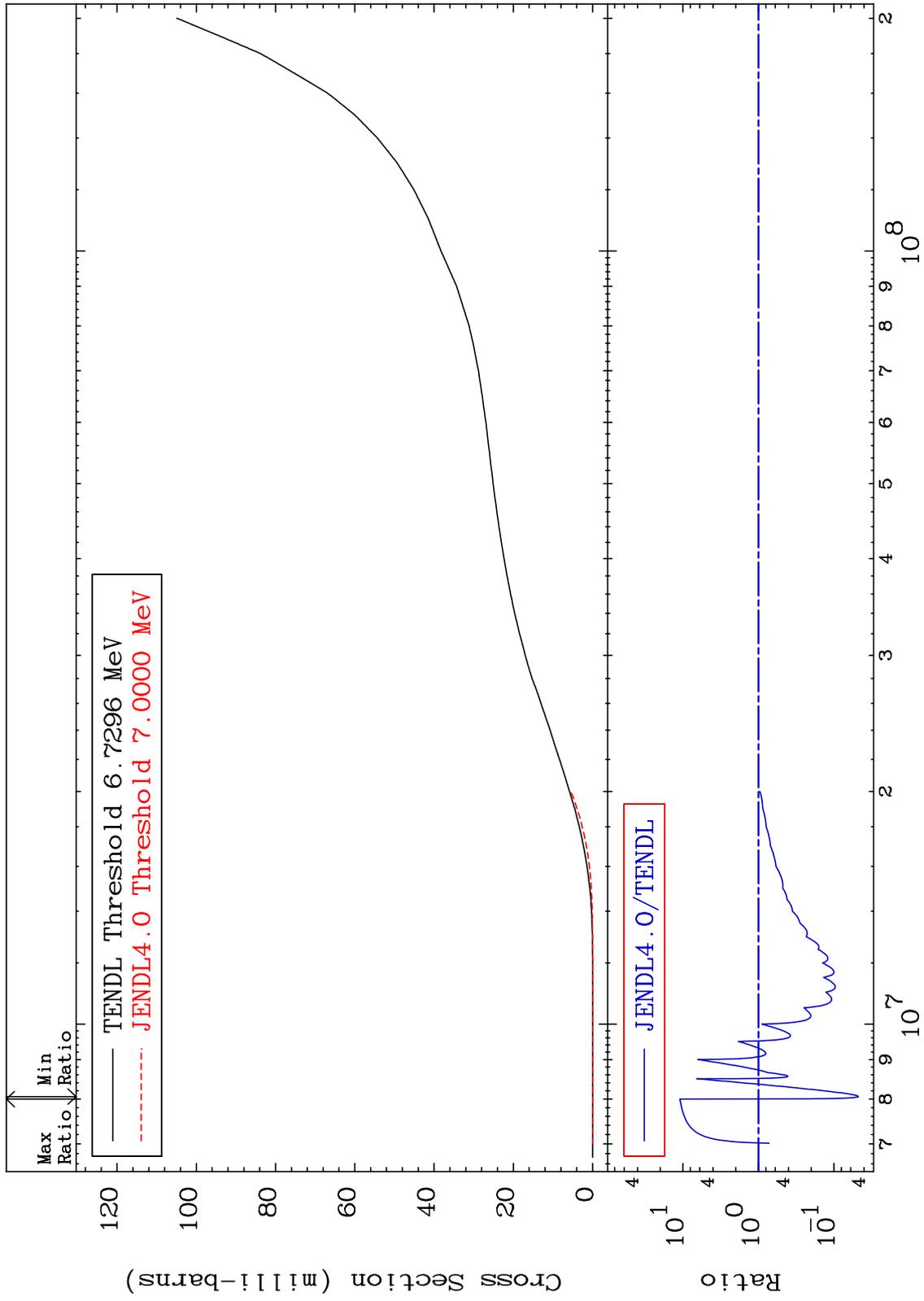
43-Tc-99
-96.95 To 9999. %



MAT 4325

Tritium Production
Cross Section

43-Tc-99
-95.25 To 995.1 %



35

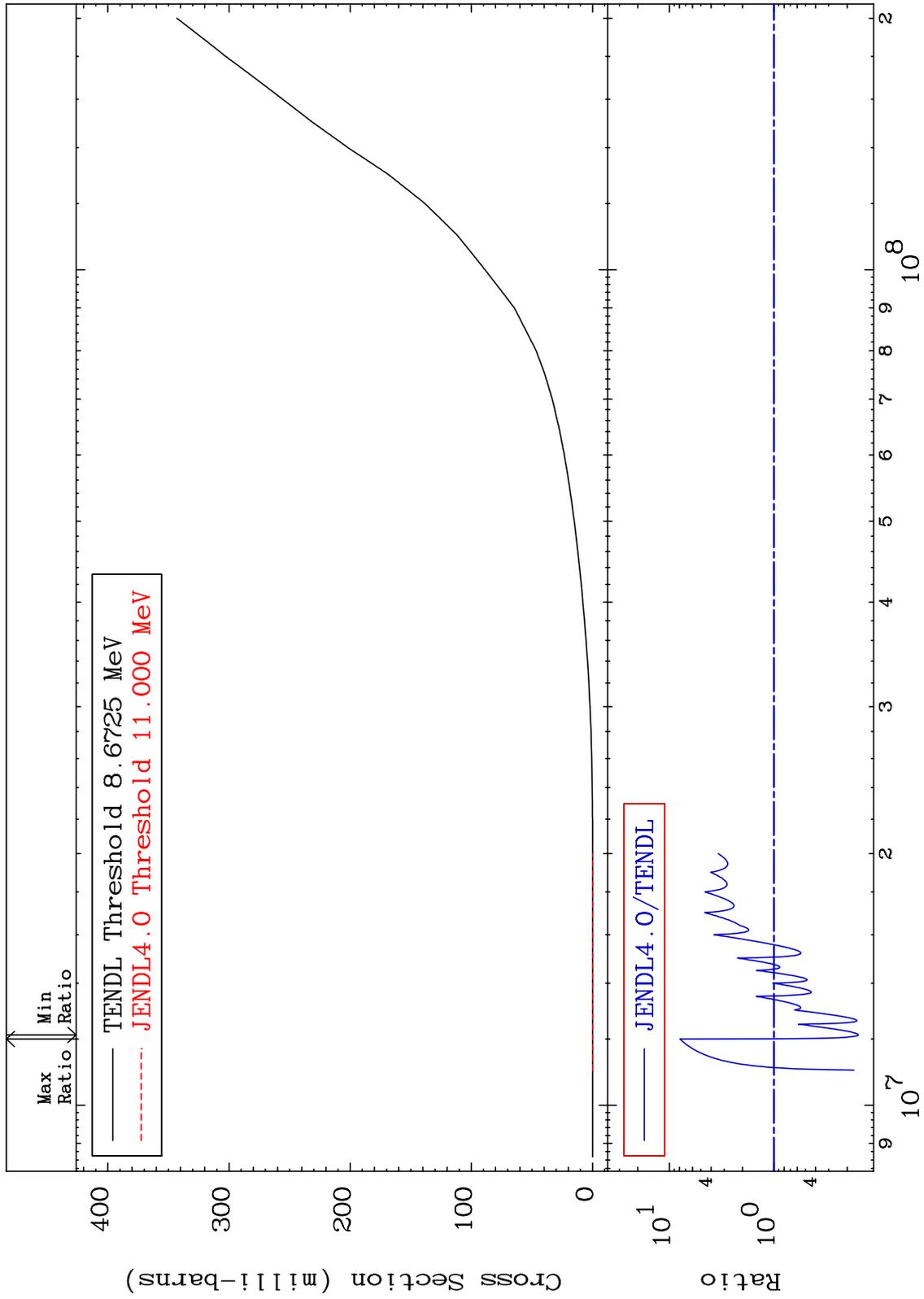
Incident Energy (eV)

43-Tc-99

MAT 4325

He-3 Production
Cross Section

43-Tc-99
-84.39 To 692.0 %



36

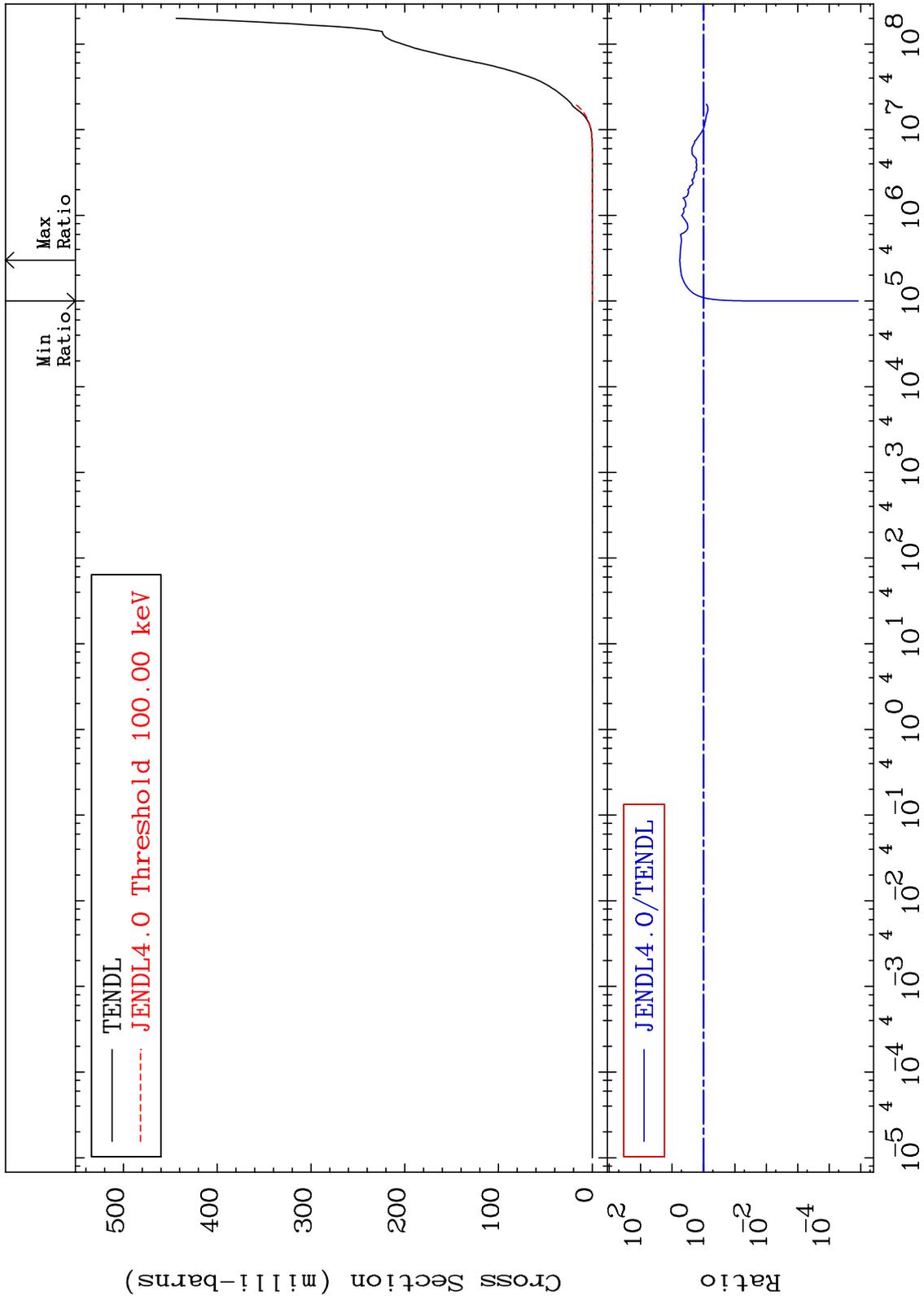
Incident Energy (eV)

43-Tc-99

MAT 4325

He-4 Production
Cross Section

43-Tc-99
-100.0 To 469.5 %



37

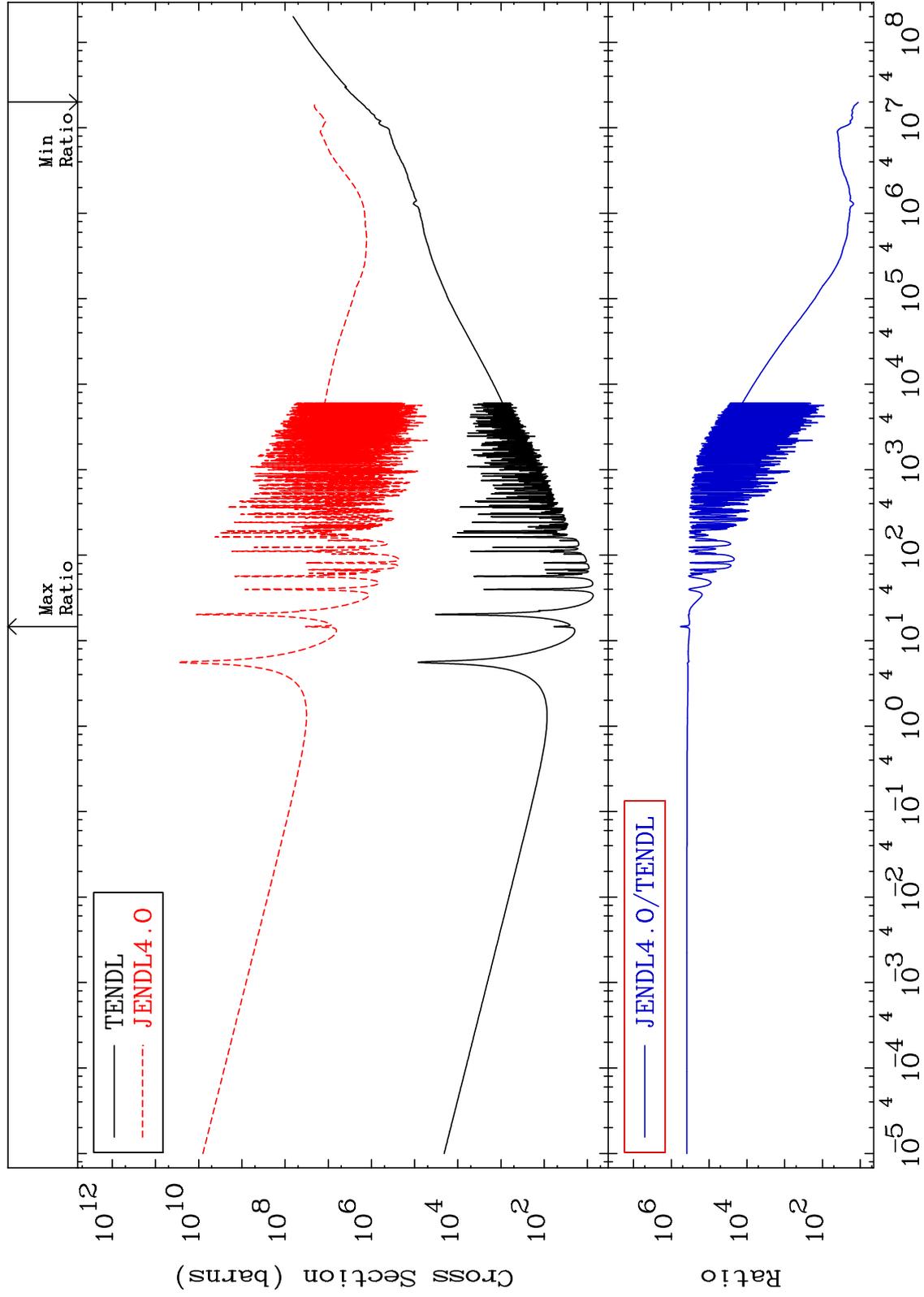
Incident Energy (eV)

43-Tc-99

MAT 4325

Kerma total (eV-barns)
Cross Section

43-Tc-99
1014. To 9999. %



38

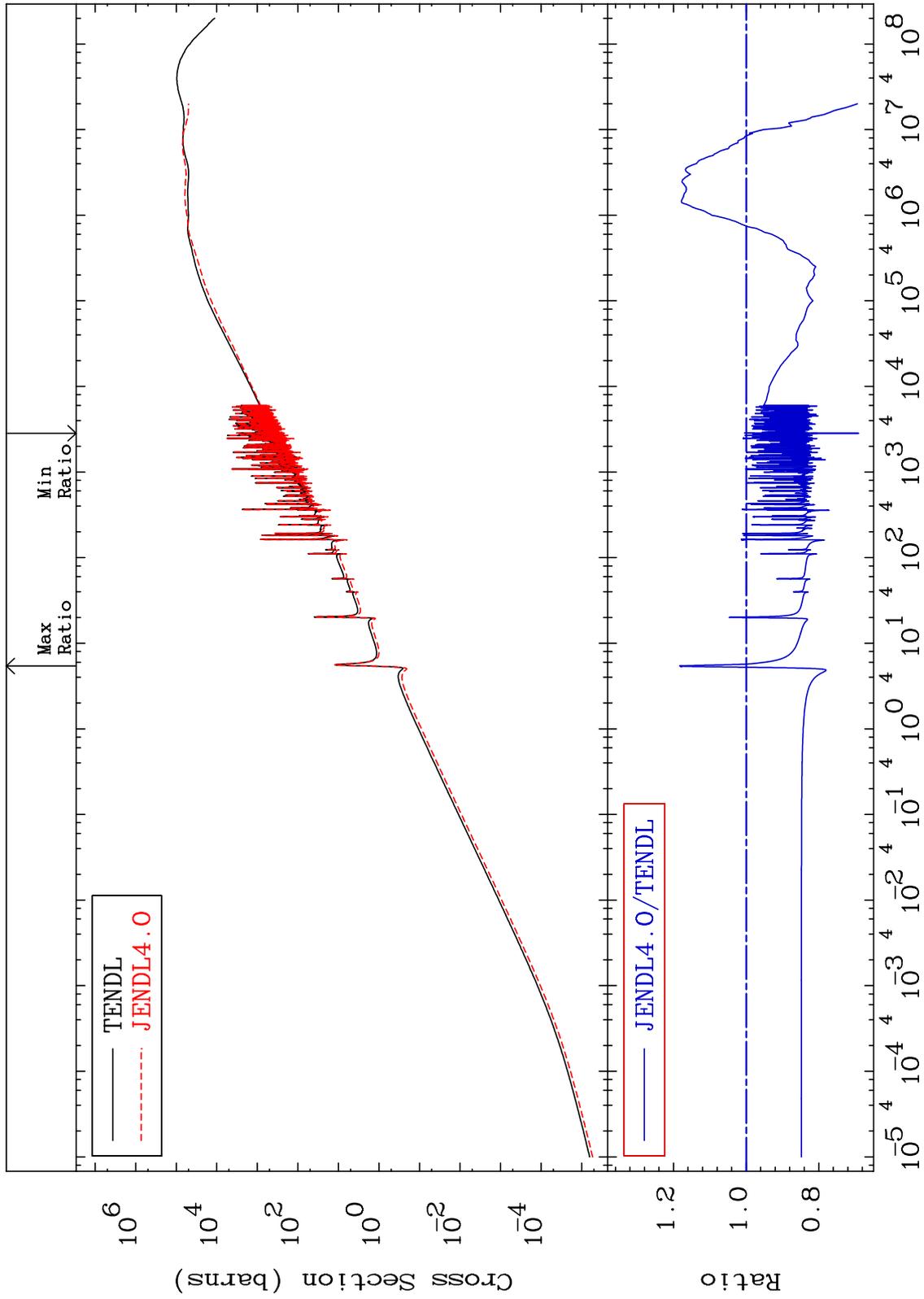
Incident Energy (eV)

43-Tc-99

MAT 4325

Kerma elastic
Cross Section

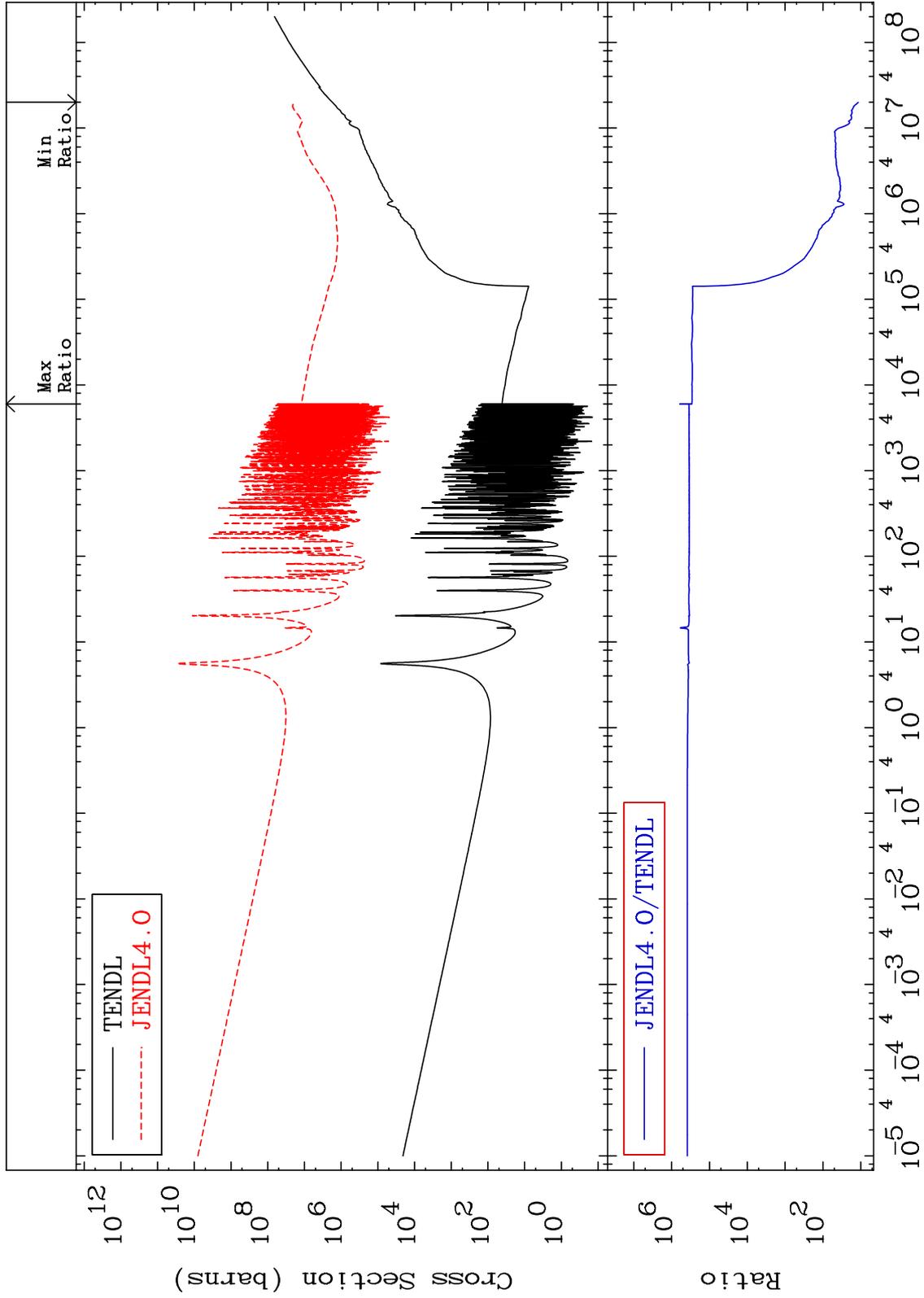
43-Tc-99
-30.91 To 18.23 %



MAT 4325

Kerma non-elastic (all but mt2)
Cross Section

43-Tc-99
1057. To 9999. %



40

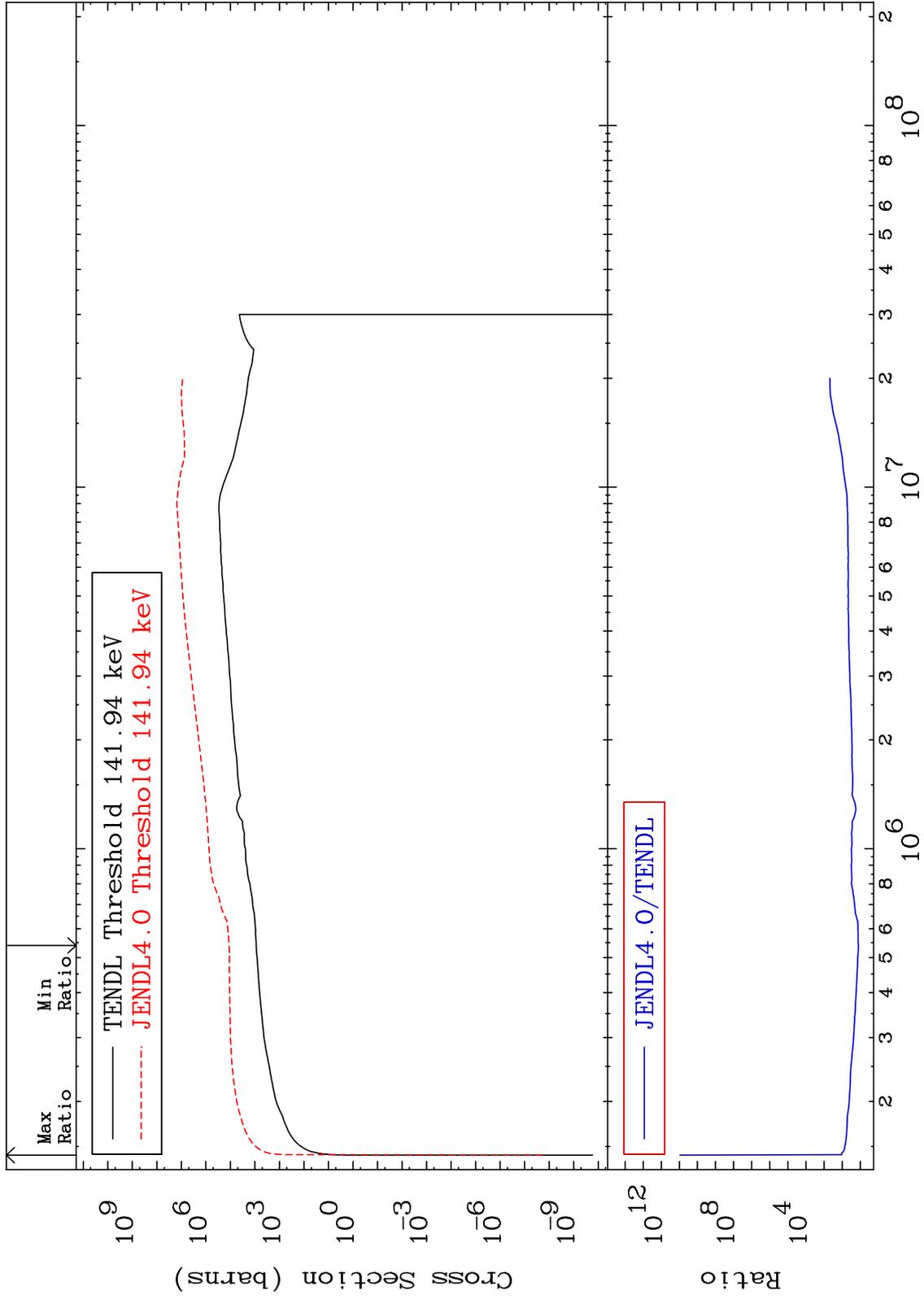
Incident Energy (eV)

43-Tc-99

MAT 4325

Kerma inelastic (mt51-91)
Cross Section

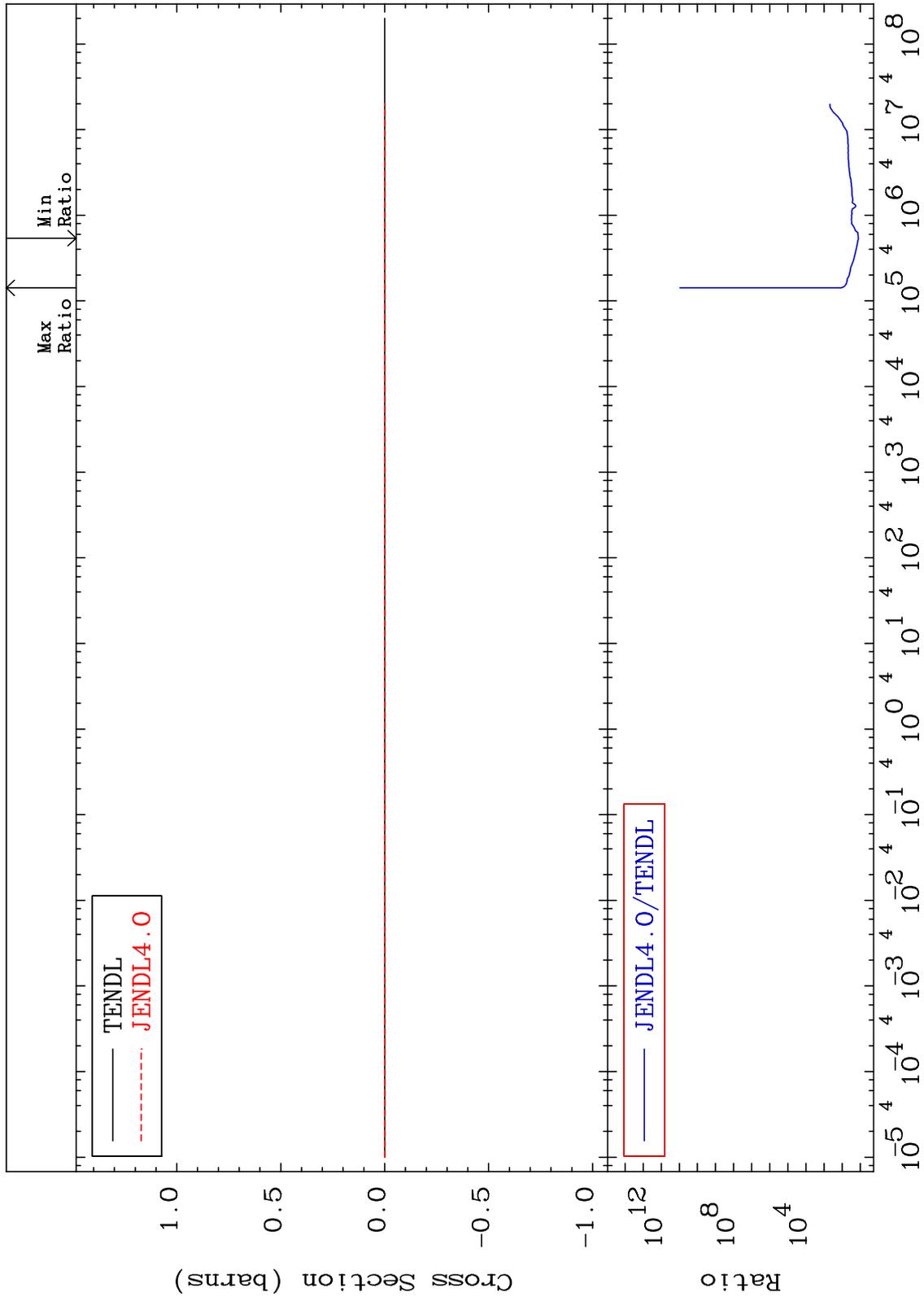
43-Tc-99
1161. To 9999. %



MAT 4325

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

43-Tc-99
1161. To 9999. %



42

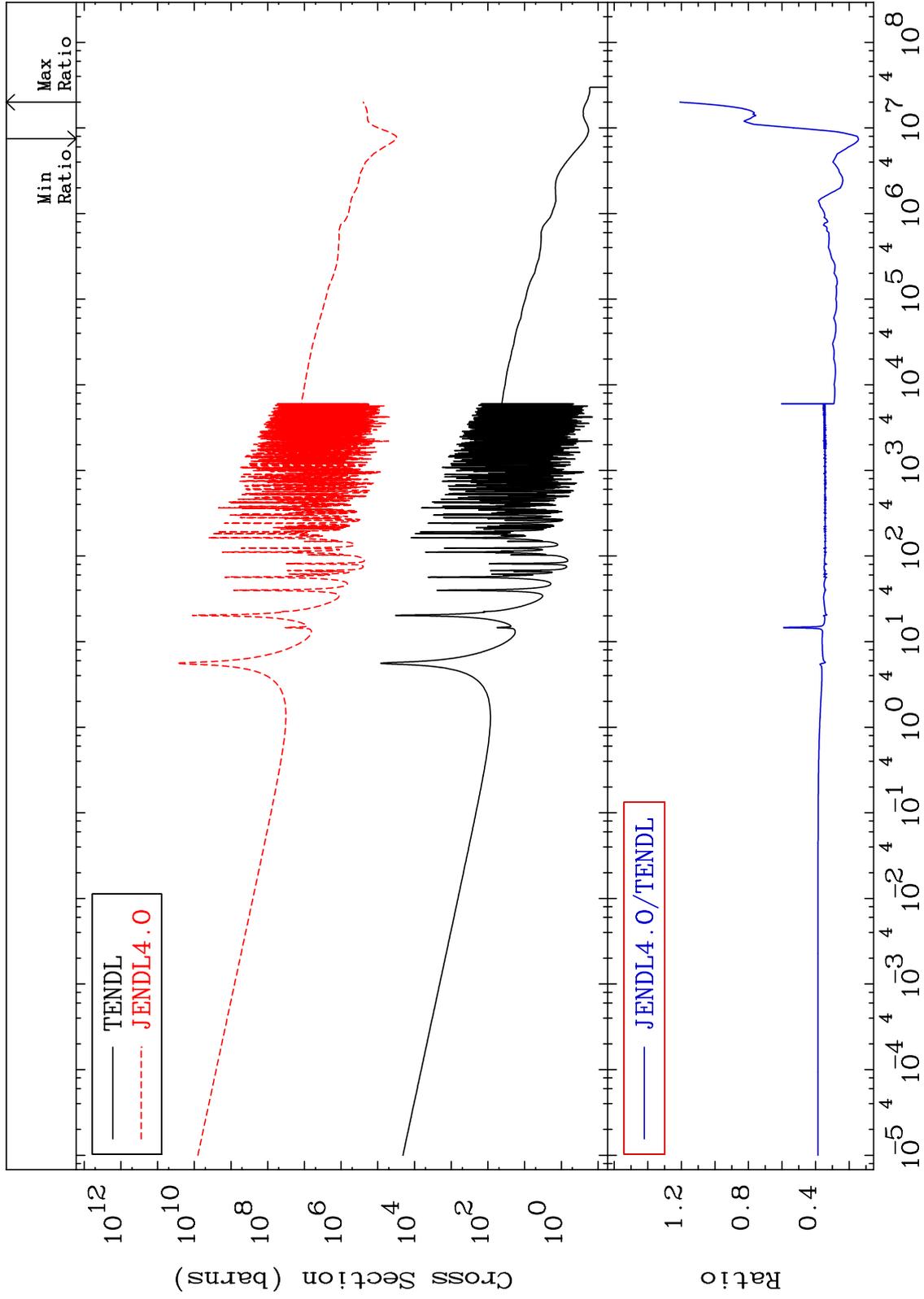
Incident Energy (eV)

43-Tc-99

MAT 4325

Kerma capture (mt102)
Cross Section

43-Tc-99
9999. To 9999. %



43

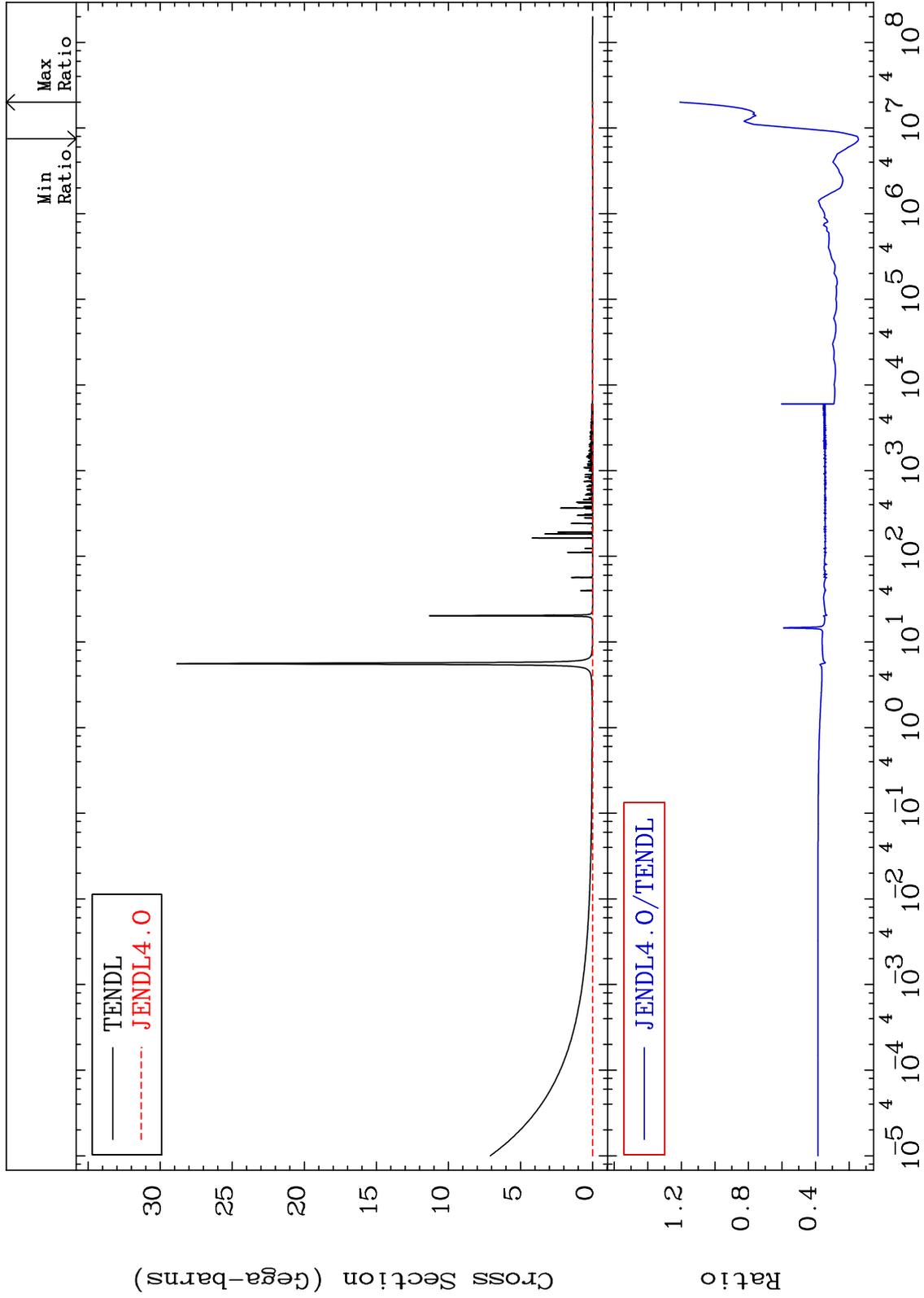
Incident Energy (eV)

43-Tc-99

MAT 4325

Total photon (eV-barns)
Cross Section

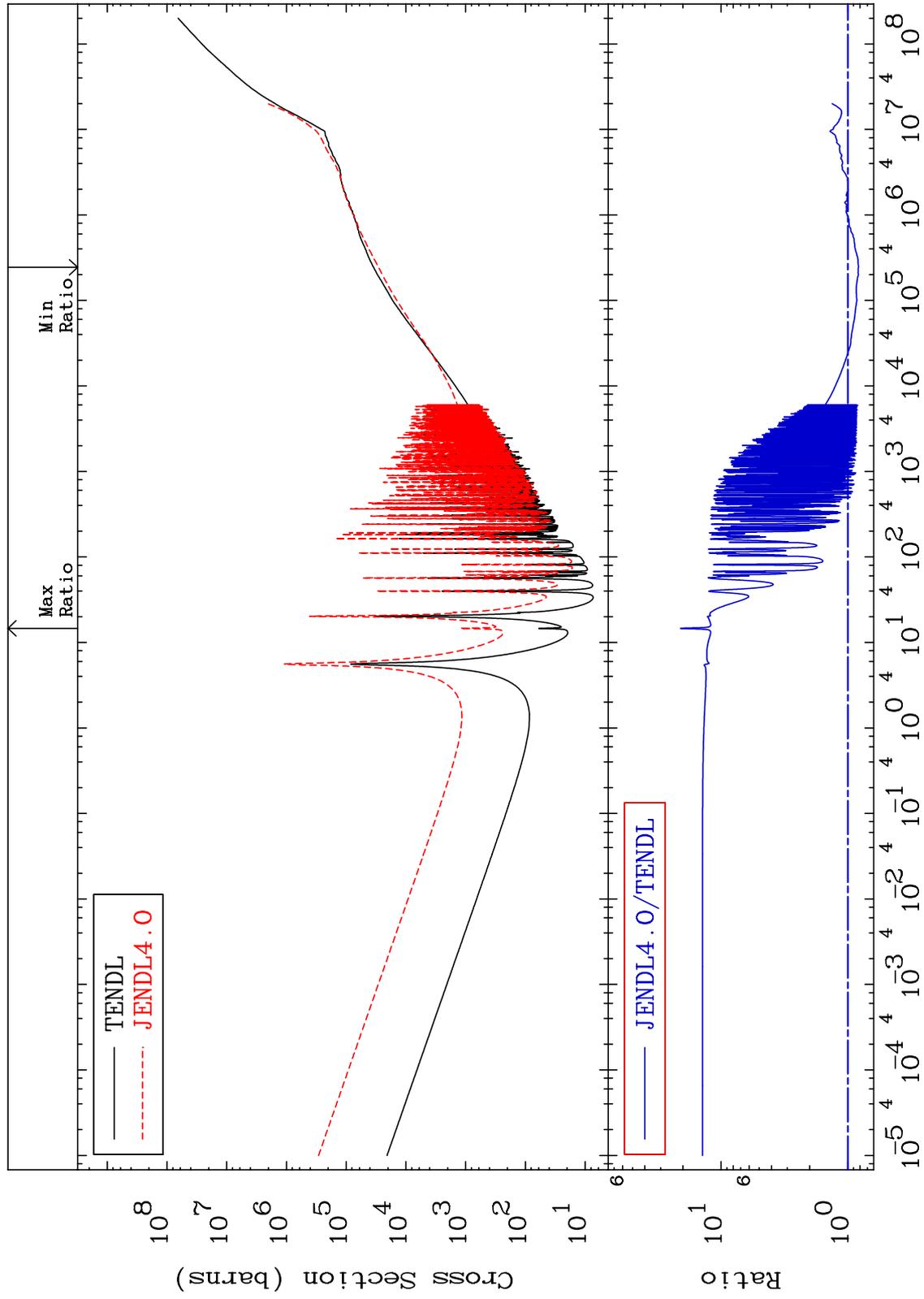
43-Tc-99
9999. To 9999. %



MAT 4325

Total kinematic kerma (high limit)
Cross Section

43-Tc-99
-17.80 To 1995. %



45

Incident Energy (eV)

43-Tc-99

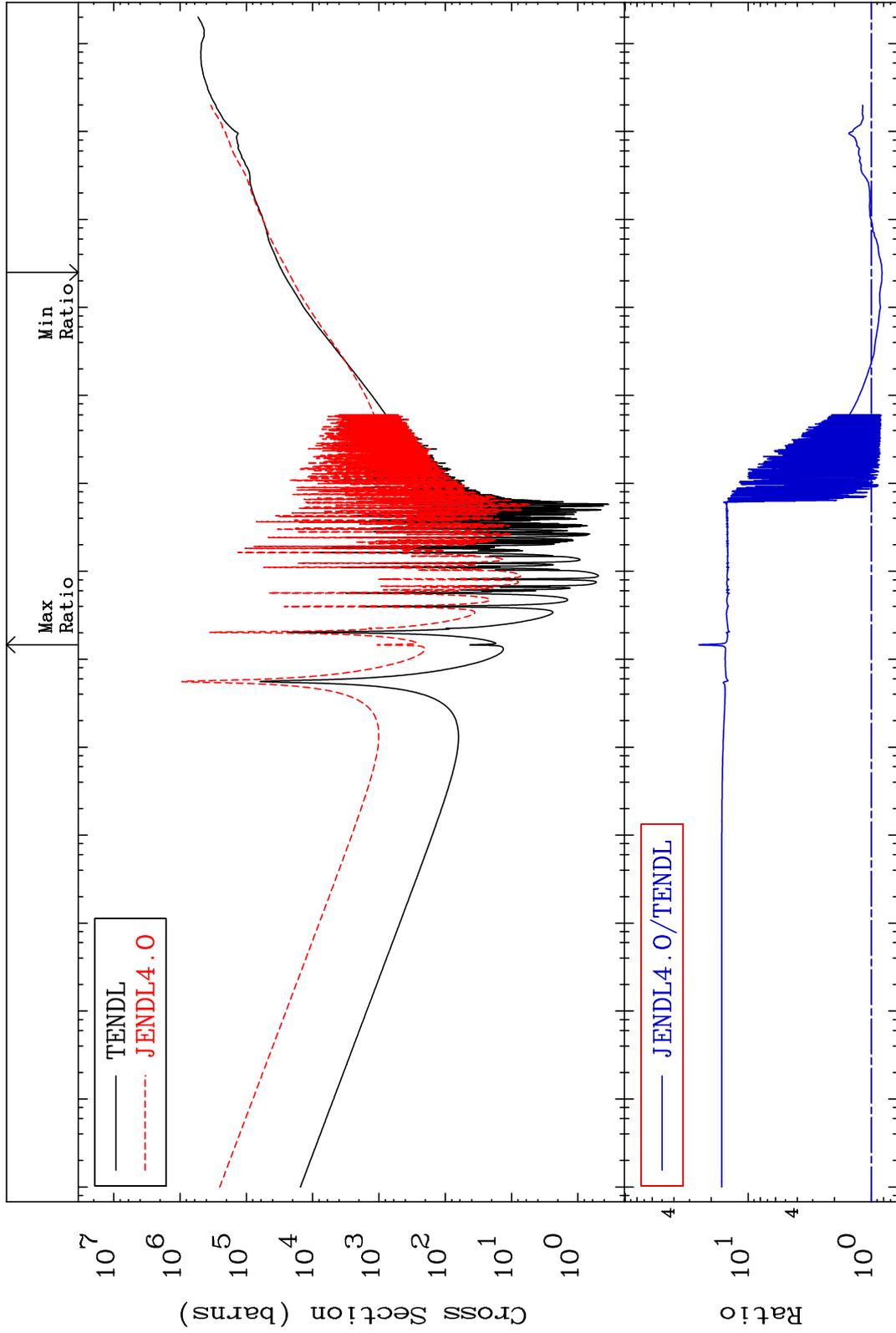
MAT 4325

Dpa total (eV-barns)

43-Tc-99

-17.84 To 2424. %

Cross Section



46

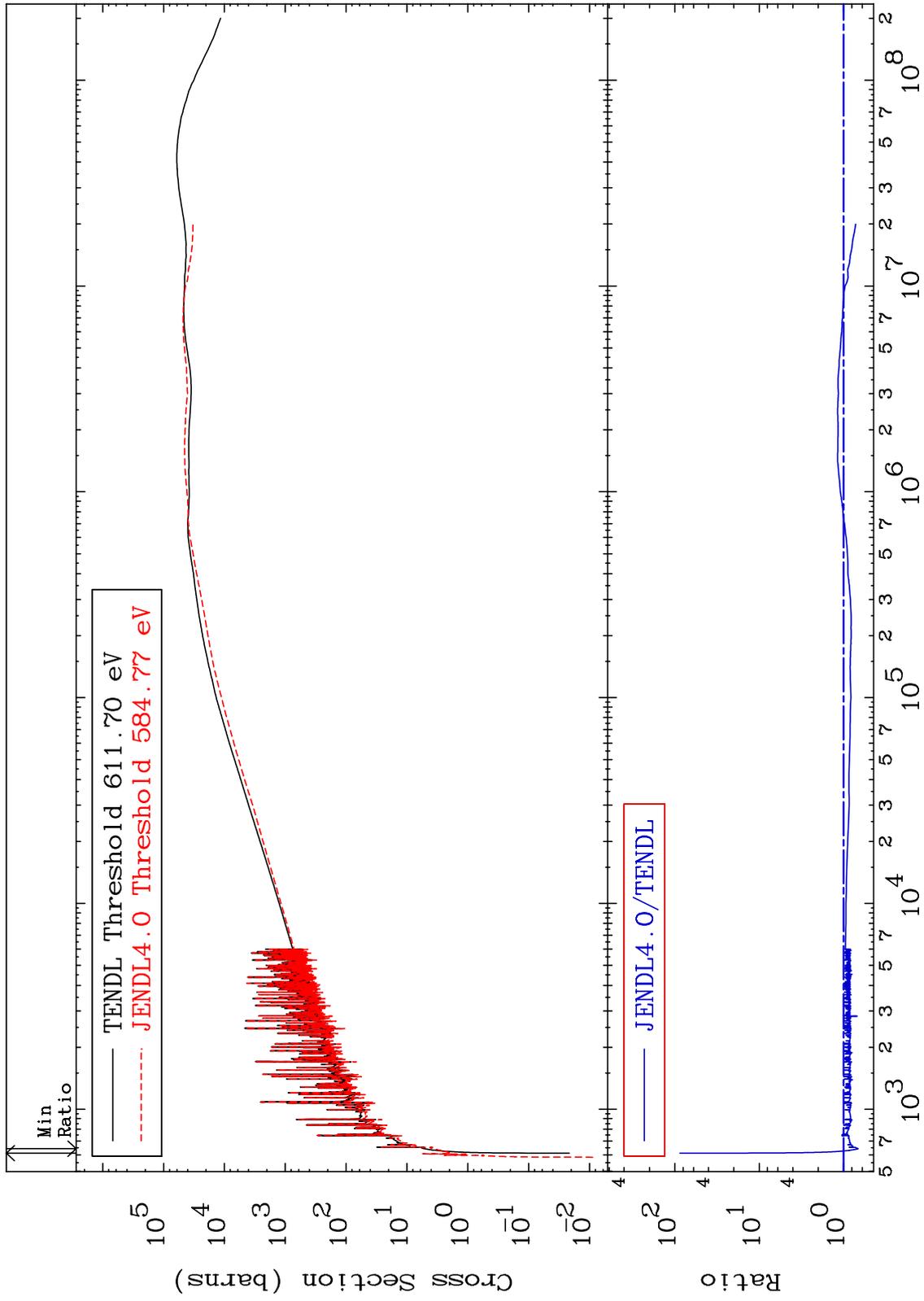
Incident Energy (eV)

43-Tc-99

MAT 4325

Dpa elastic (mt2)
Cross Section

43-Tc-99
-33.29 To 8611. %



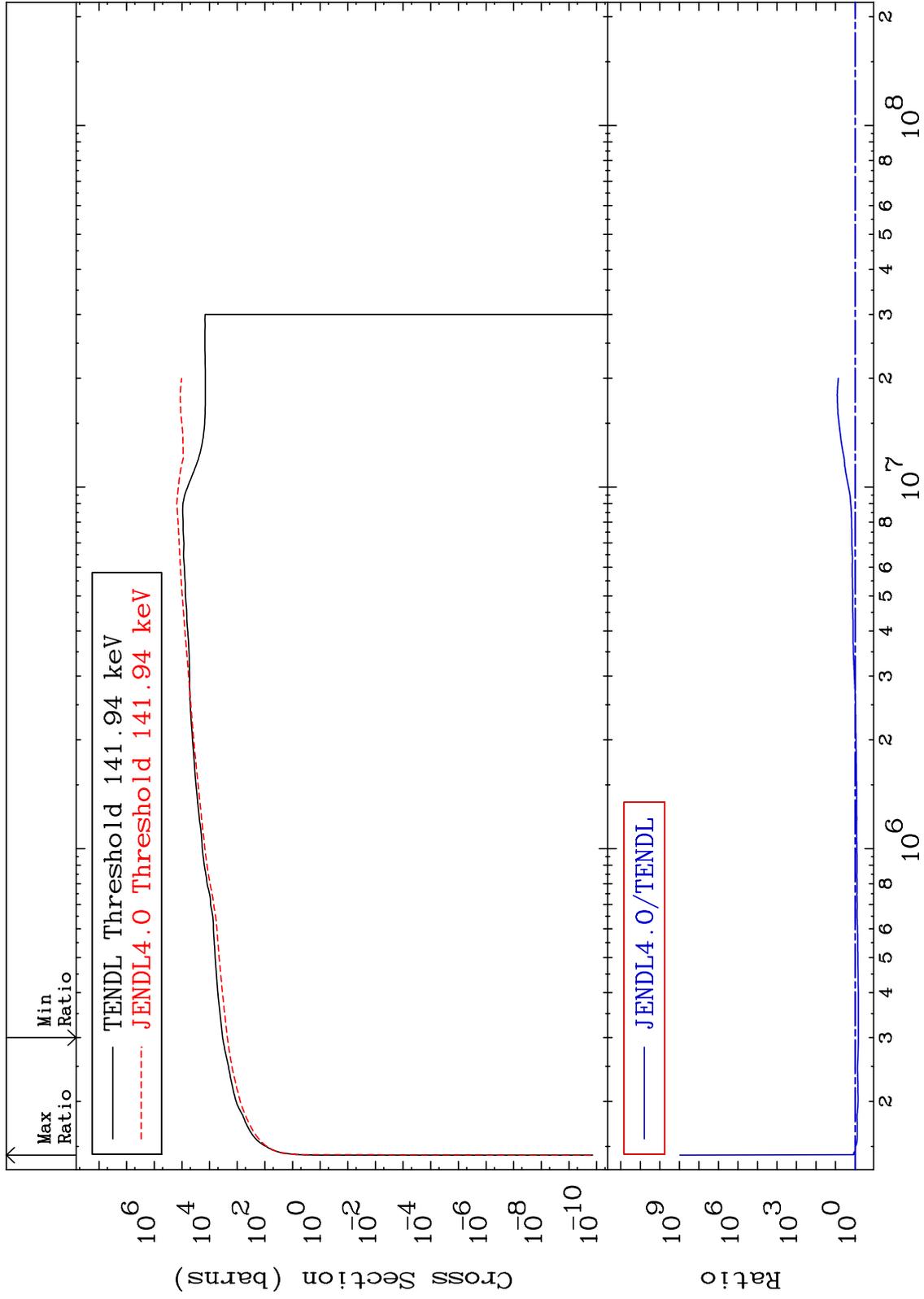
47

43-Tc-99

MAT 4325

Dpa inelastic (mt51-91)
Cross Section

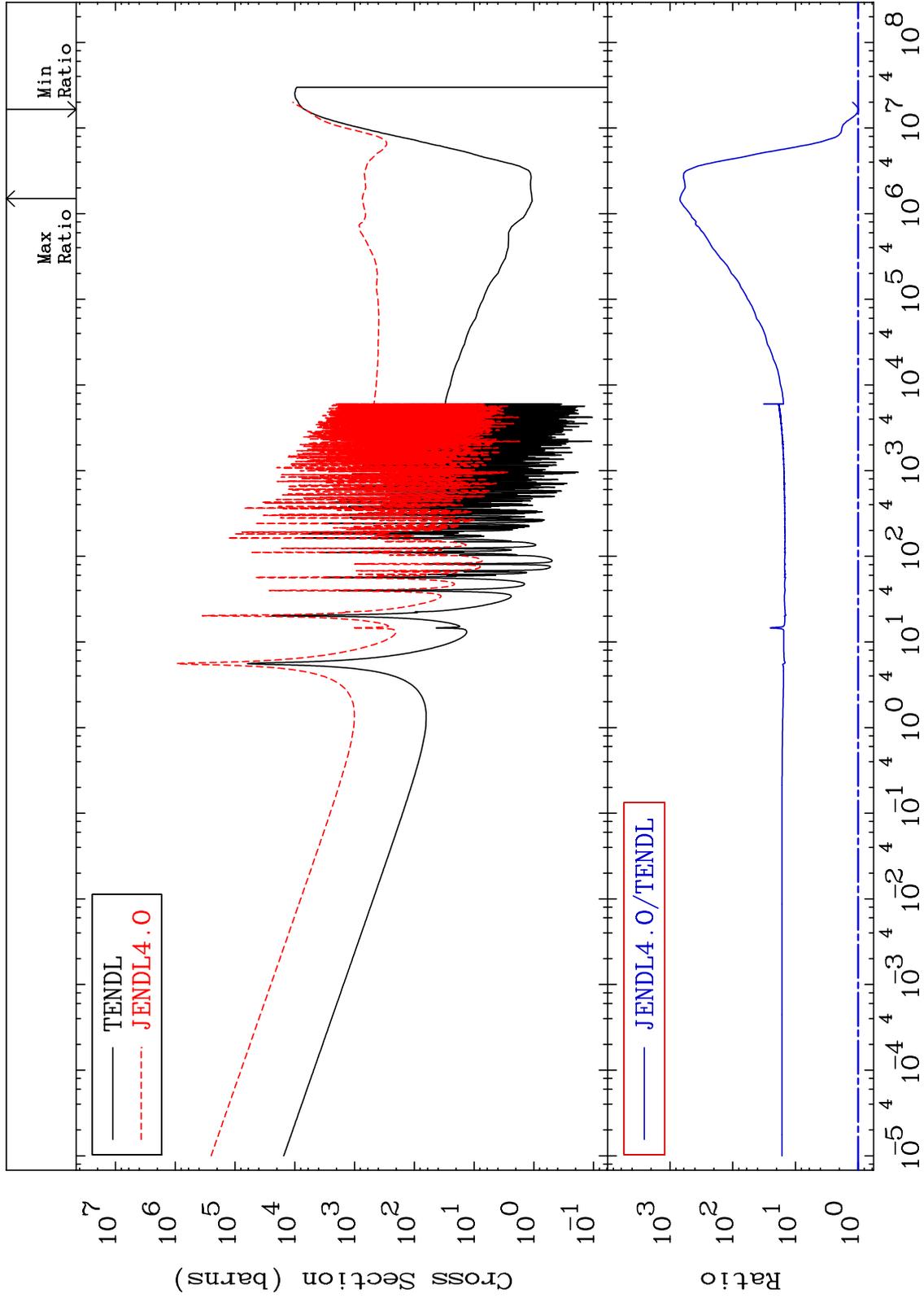
43-Tc-99
-32.50 To 9999. %



MAT 4325

Dpa disappearance (mt102 -120)
Cross Section

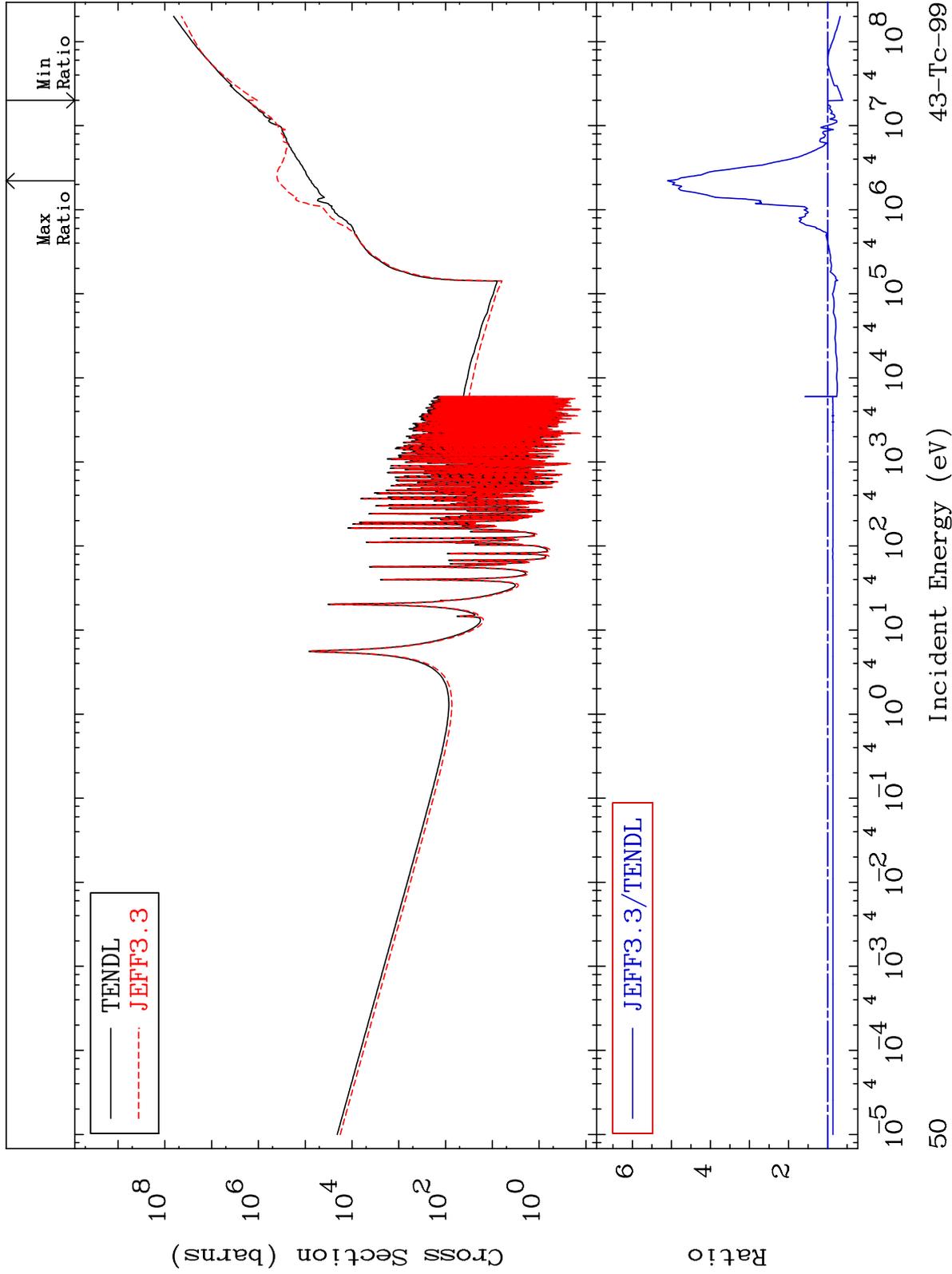
43-Tc-99
-0.900 To 9999. %



MAT 4325

Kerma non-elastic (all but mt2)
Cross Section

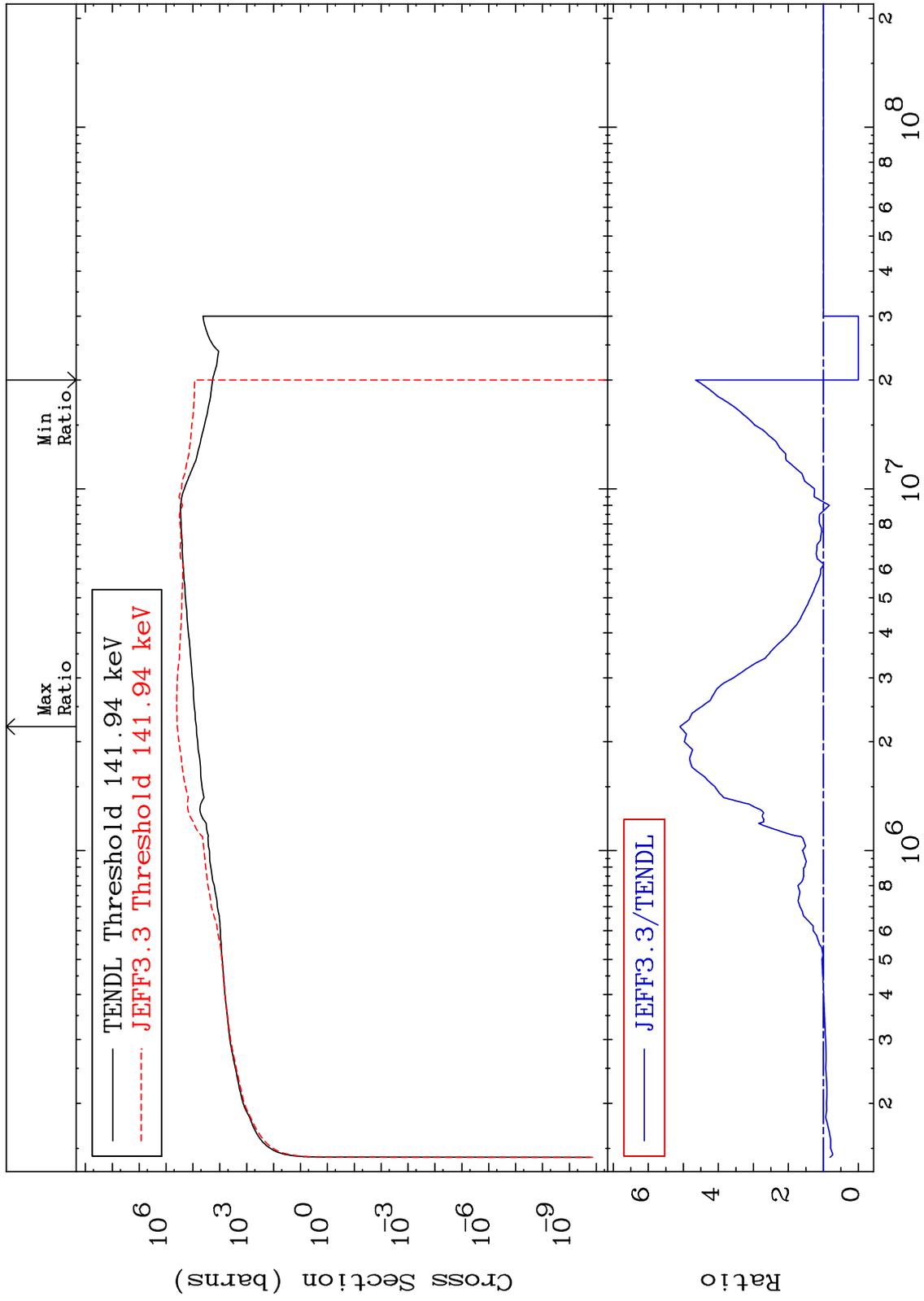
43-Tc-99
-39.14 To 409.7 %



MAT 4325

Kerma inelastic (mt51-91)
Cross Section

43-Tc-99
-100.0 To 409.7 %

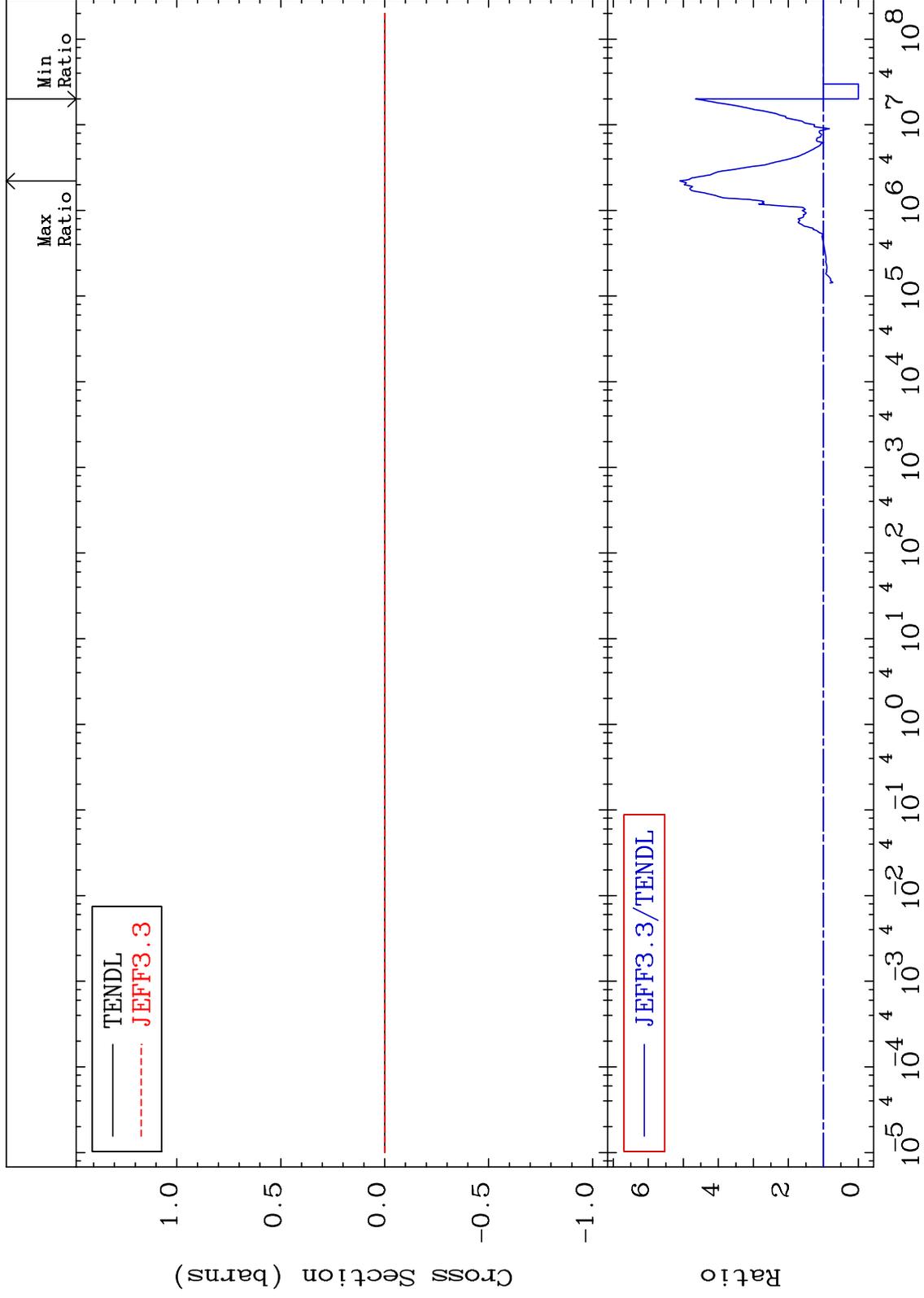


MAT 4325

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

43-Tc-99

-100.0 To 409.7 %



52

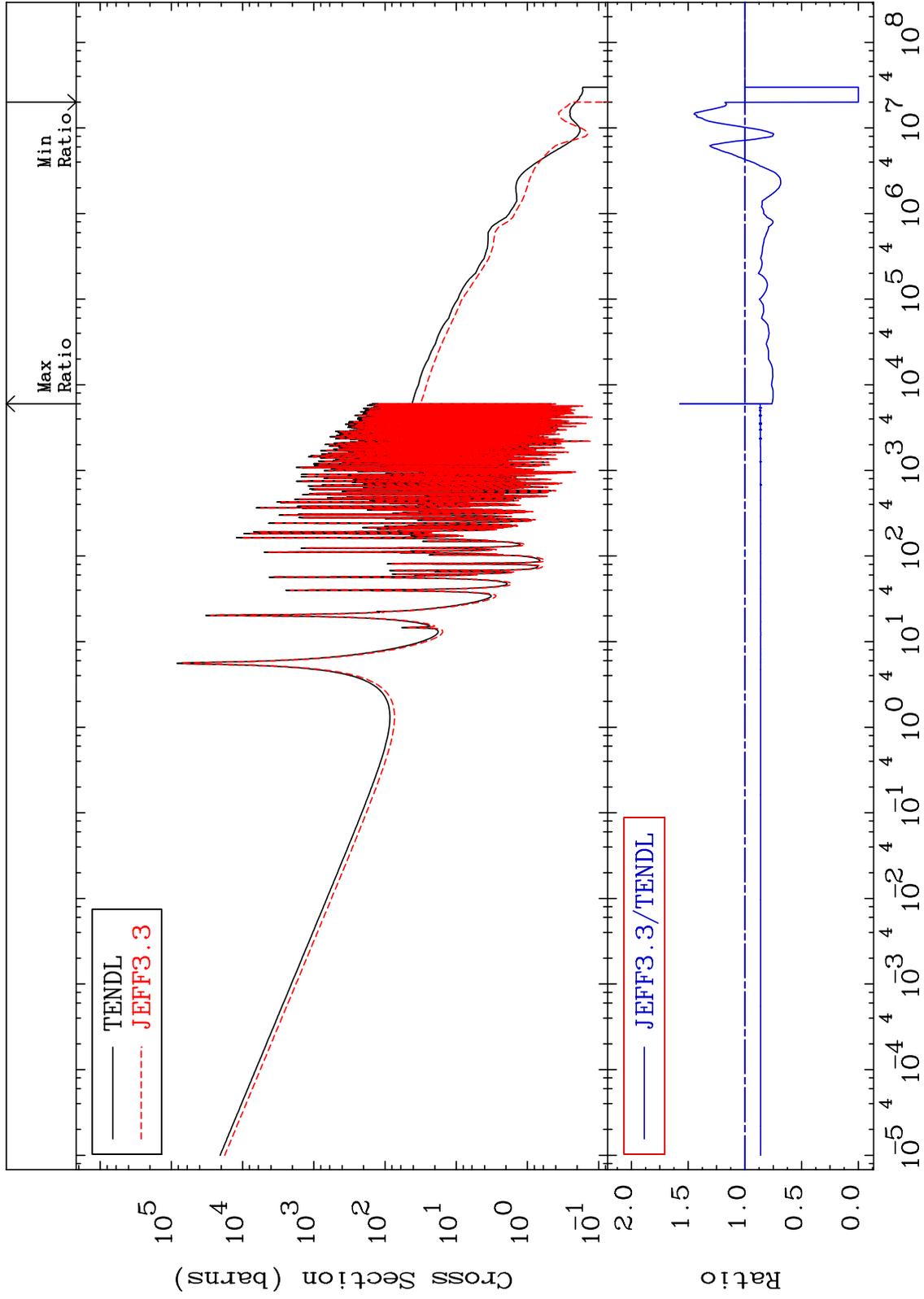
Incident Energy (eV)

43-Tc-99

MAT 4325

Kerma capture (mt102)
Cross Section

43-Tc-99
-100.0 To 57.25 %



53

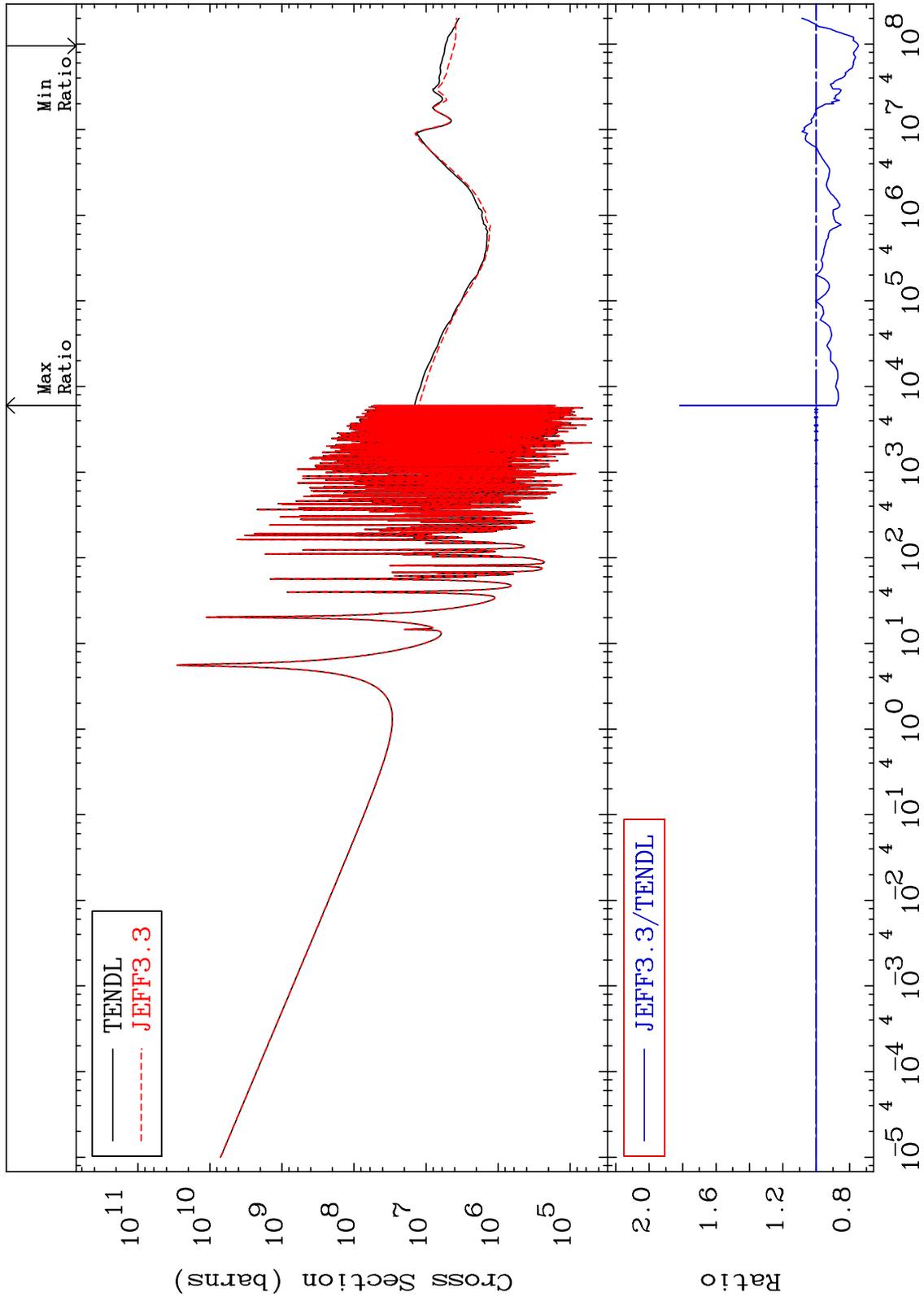
Incident Energy (eV)

43-Tc-99

MAT 4325

Total photon (eV-barns)
Cross Section

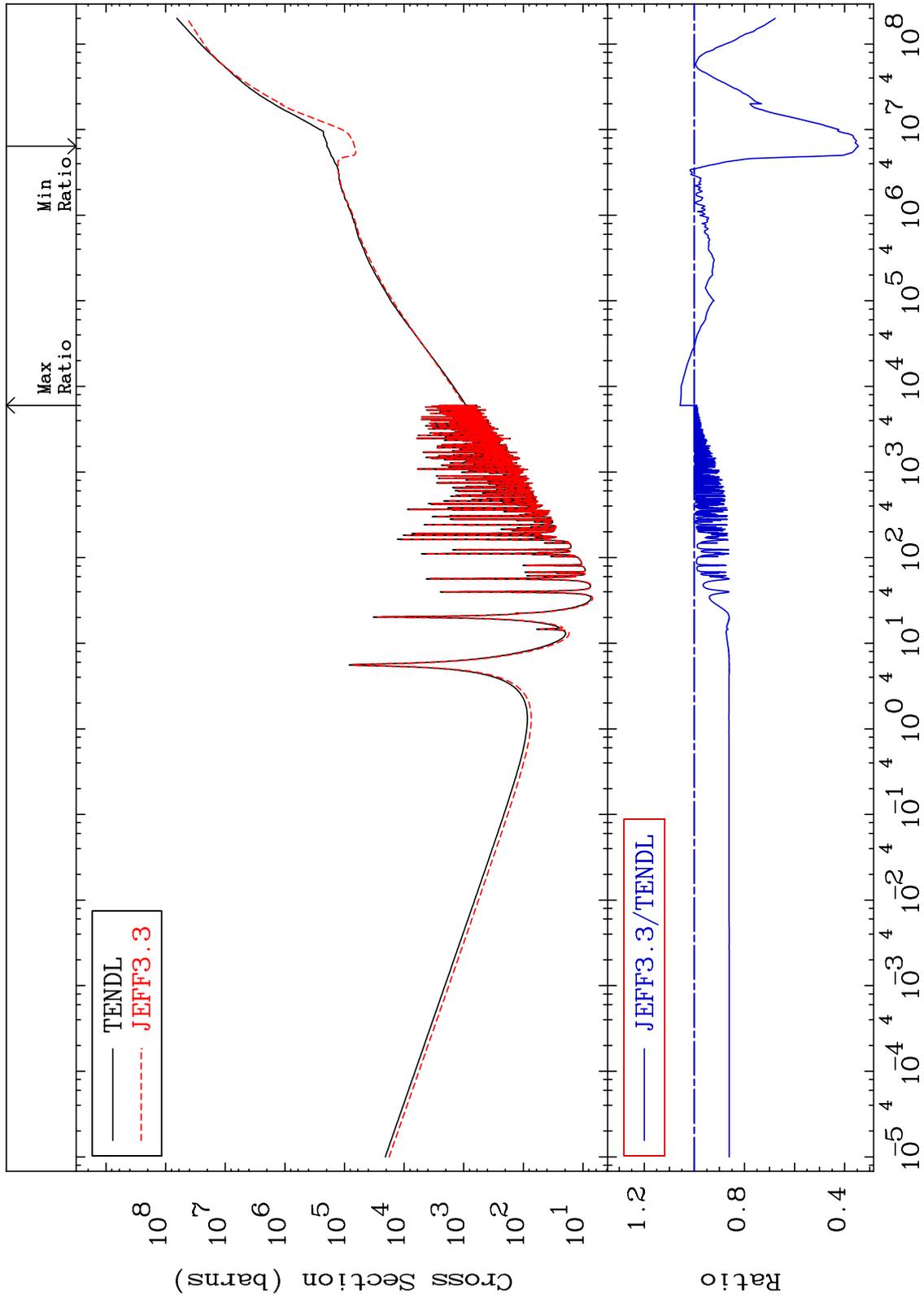
43-Tc-99
-25.21 To 81.60 %



MAT 4325

Total kinematic kerma (high limit)
Cross Section

43-Tc-99
-65.48 To 5.757 %



55

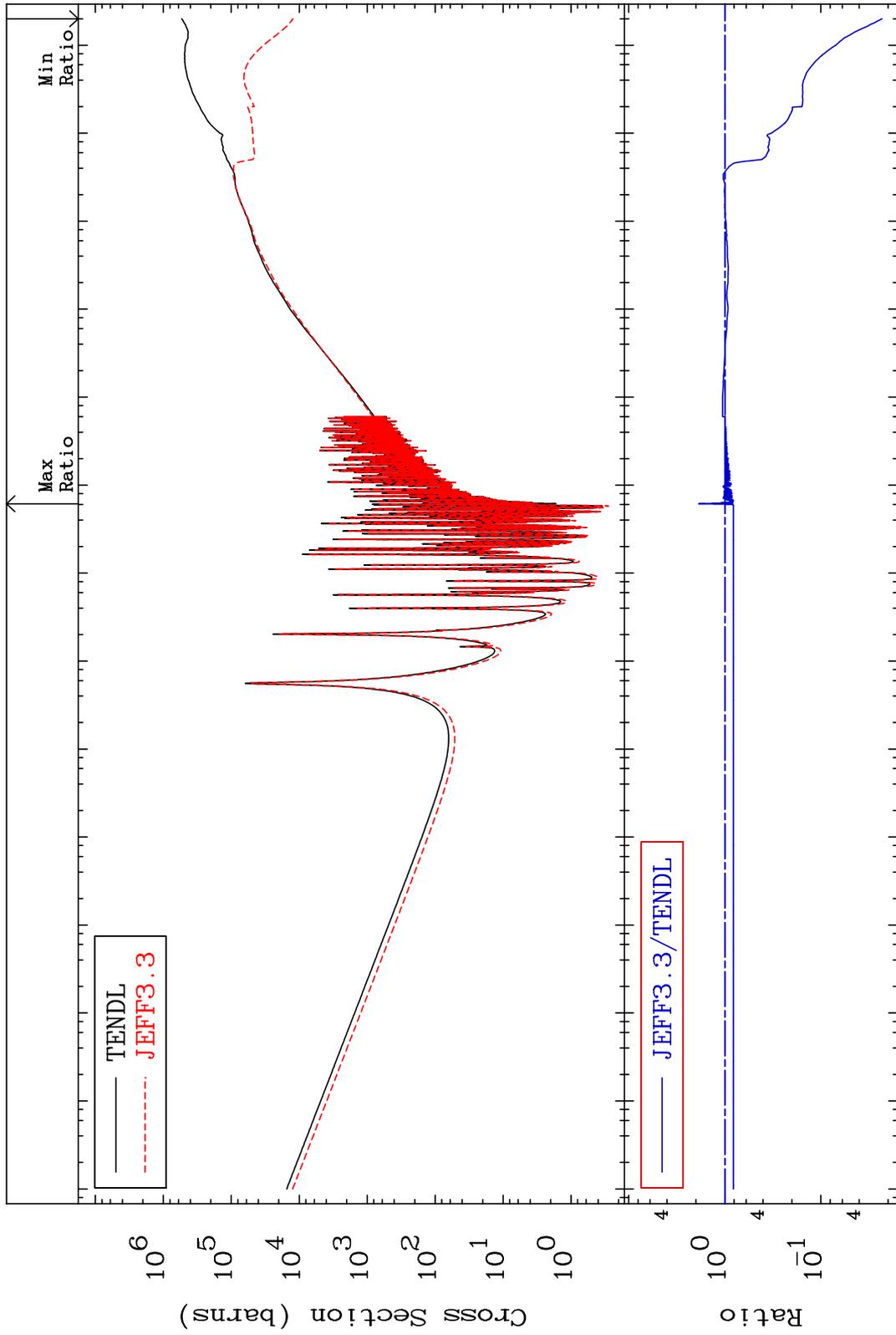
Incident Energy (eV)

43-Tc-99

MAT 4325

Dpa total (eV-barns)
Cross Section

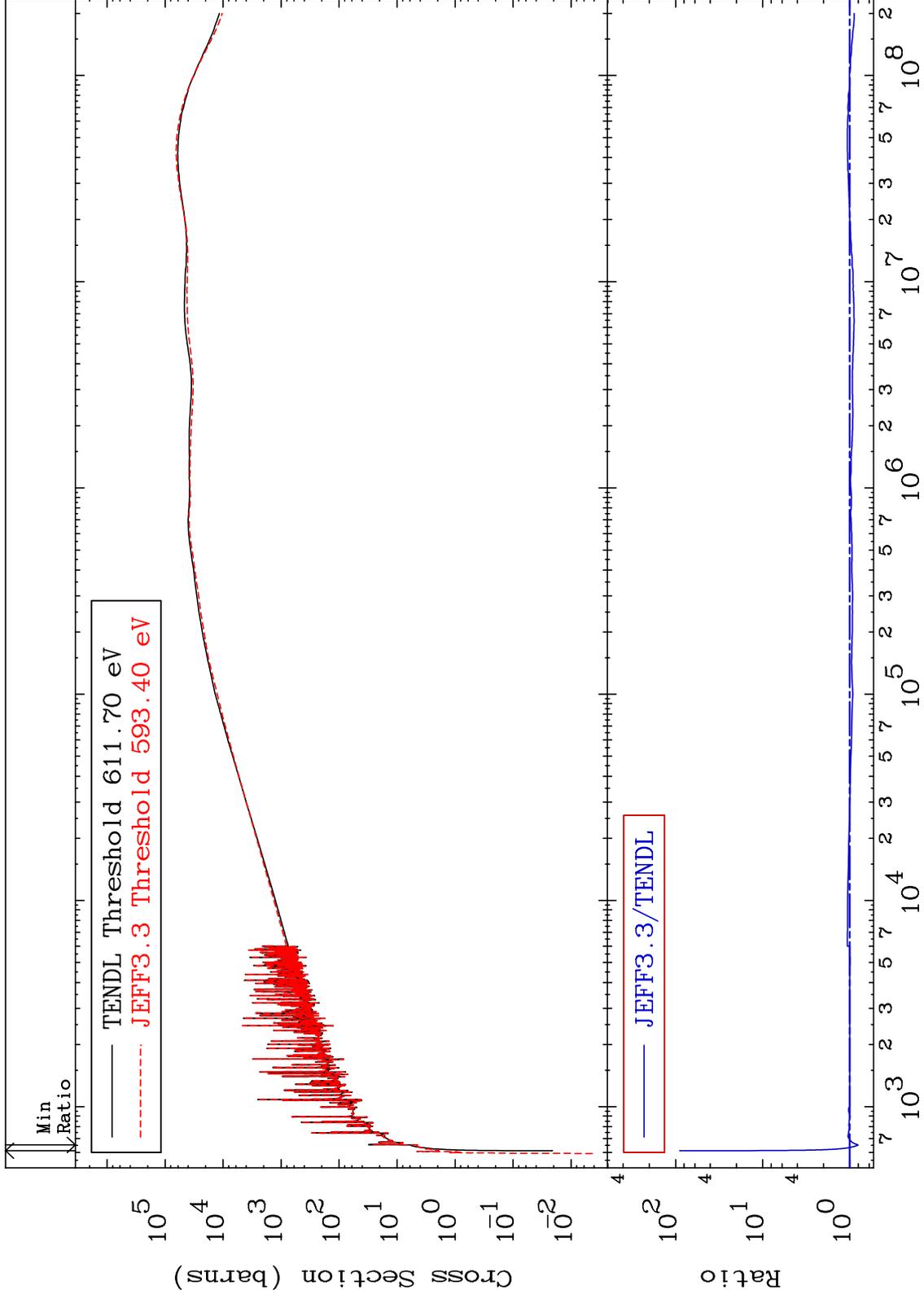
43-Tc-99
-97.69 To 86.93 %



MAT 4325

Dpa elastic (mt2)
Cross Section

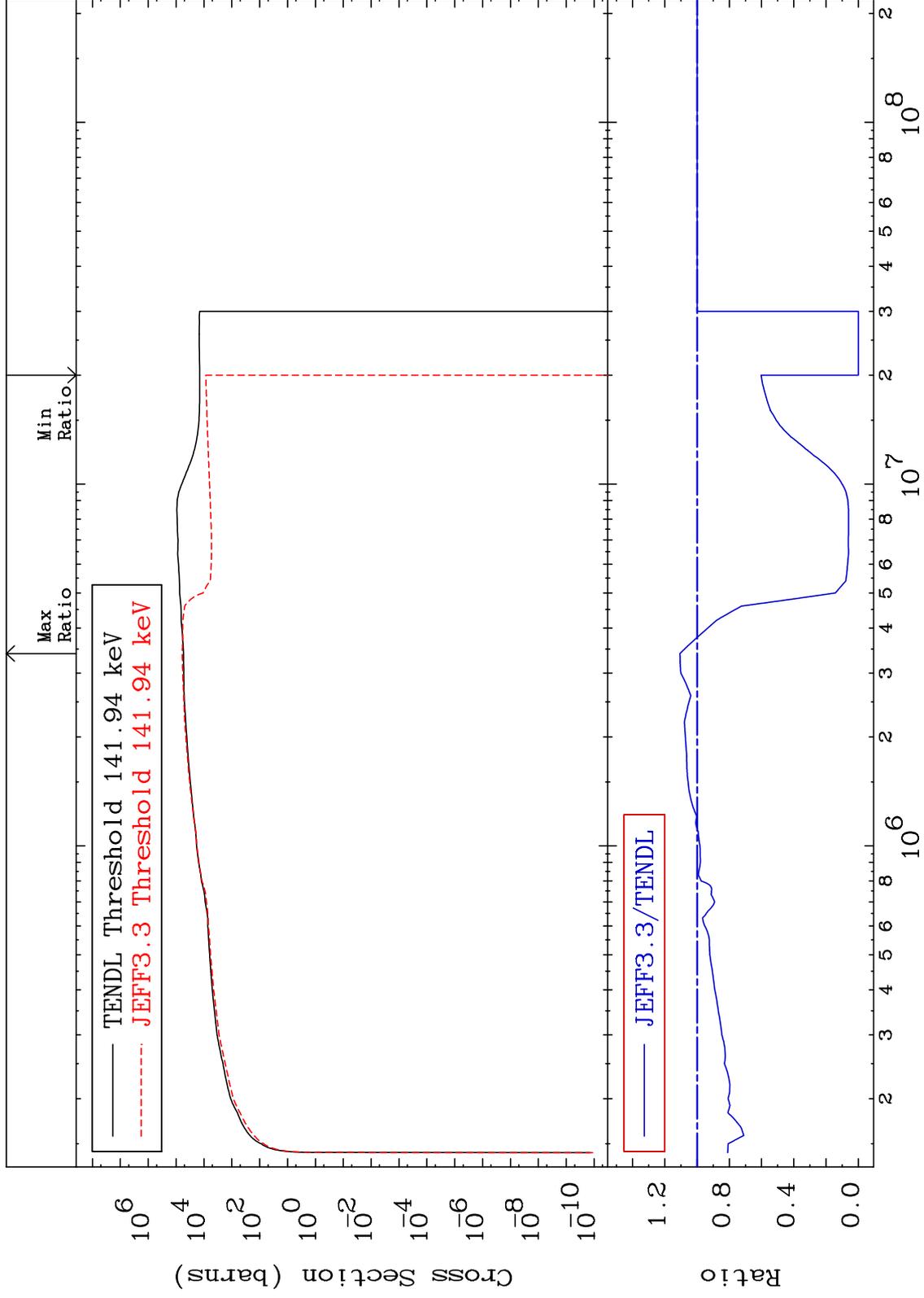
43-Tc-99
-20.08 To 8874. %



MAT 4325

Dpa inelastic (mt51-91)
Cross Section

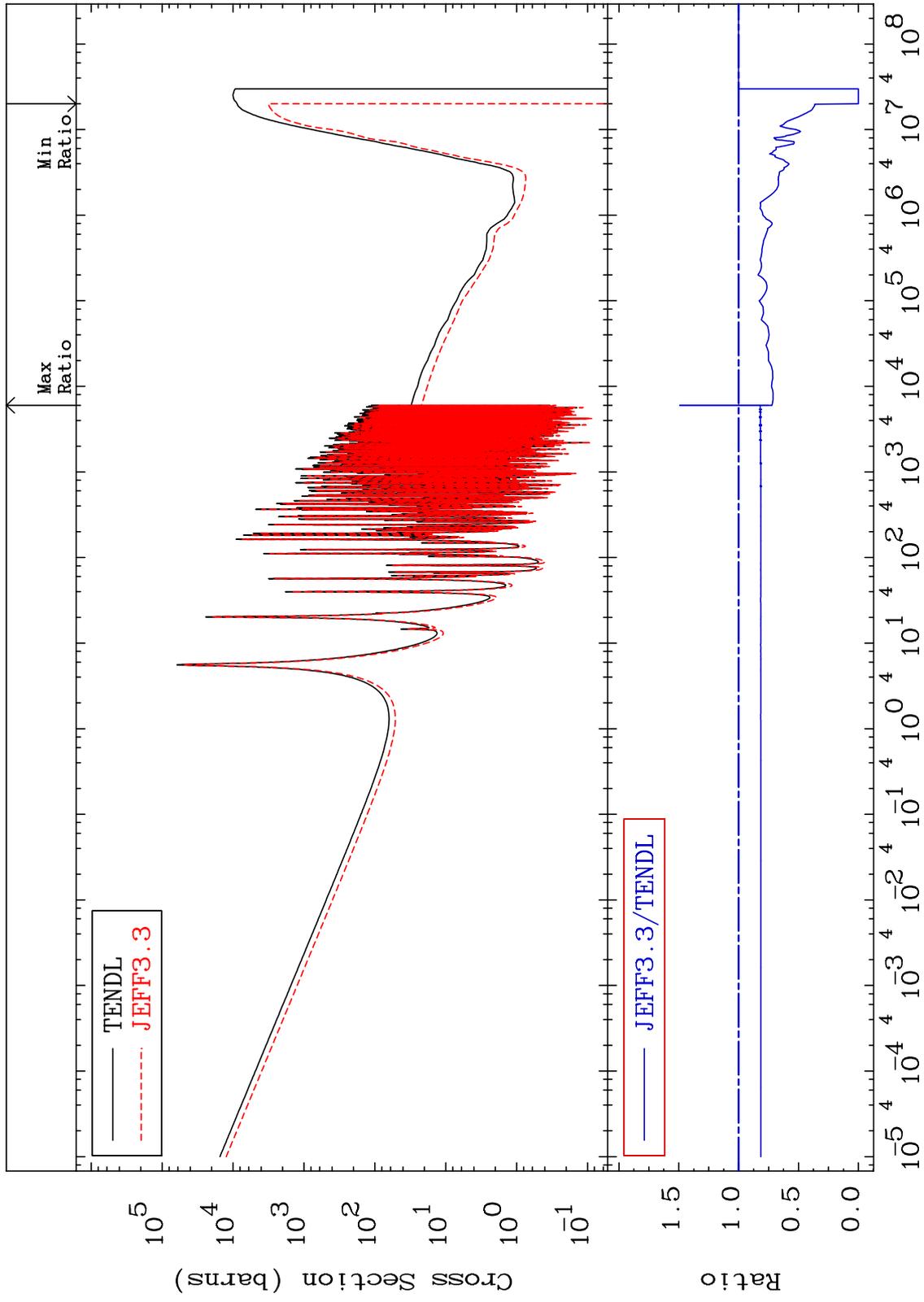
43-Tc-99
-100.0 To 10.59 %



MAT 4325

Dpa disappearance (mt102 -120)
Cross Section

43-Tc-99
-100.0 To 49.05 %

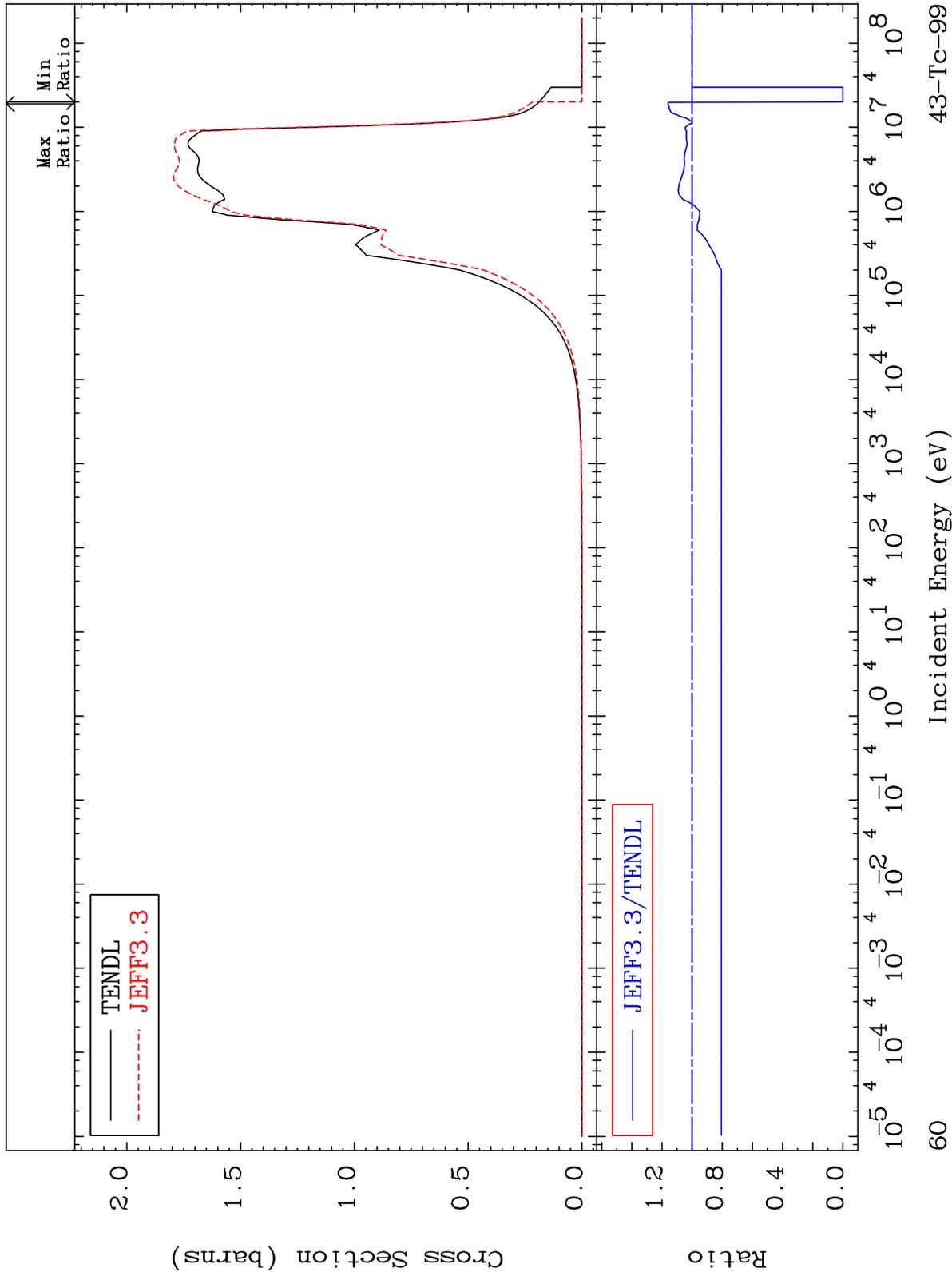


59

43-Tc-99

MAT 4325

Inelastic: 43-Tc-99
Radionuclide Production Cross Section -100.0 To 16.27 %



60

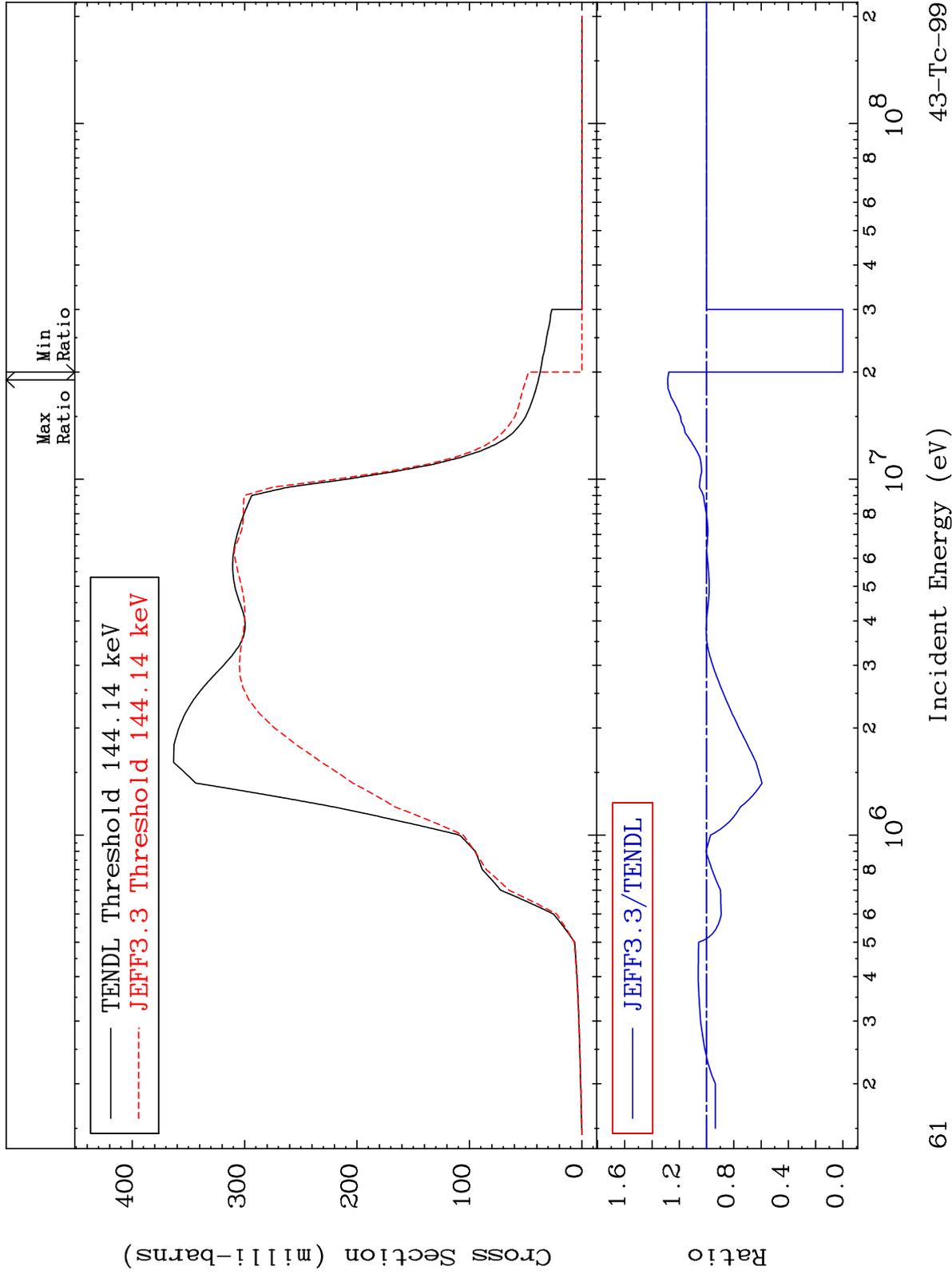
43-Tc-99

MAT 4325

Inelastic: 43-Tc-99m2

43-Tc-99

Radionuclide Production Cross Section -100.0 To 28.57 %

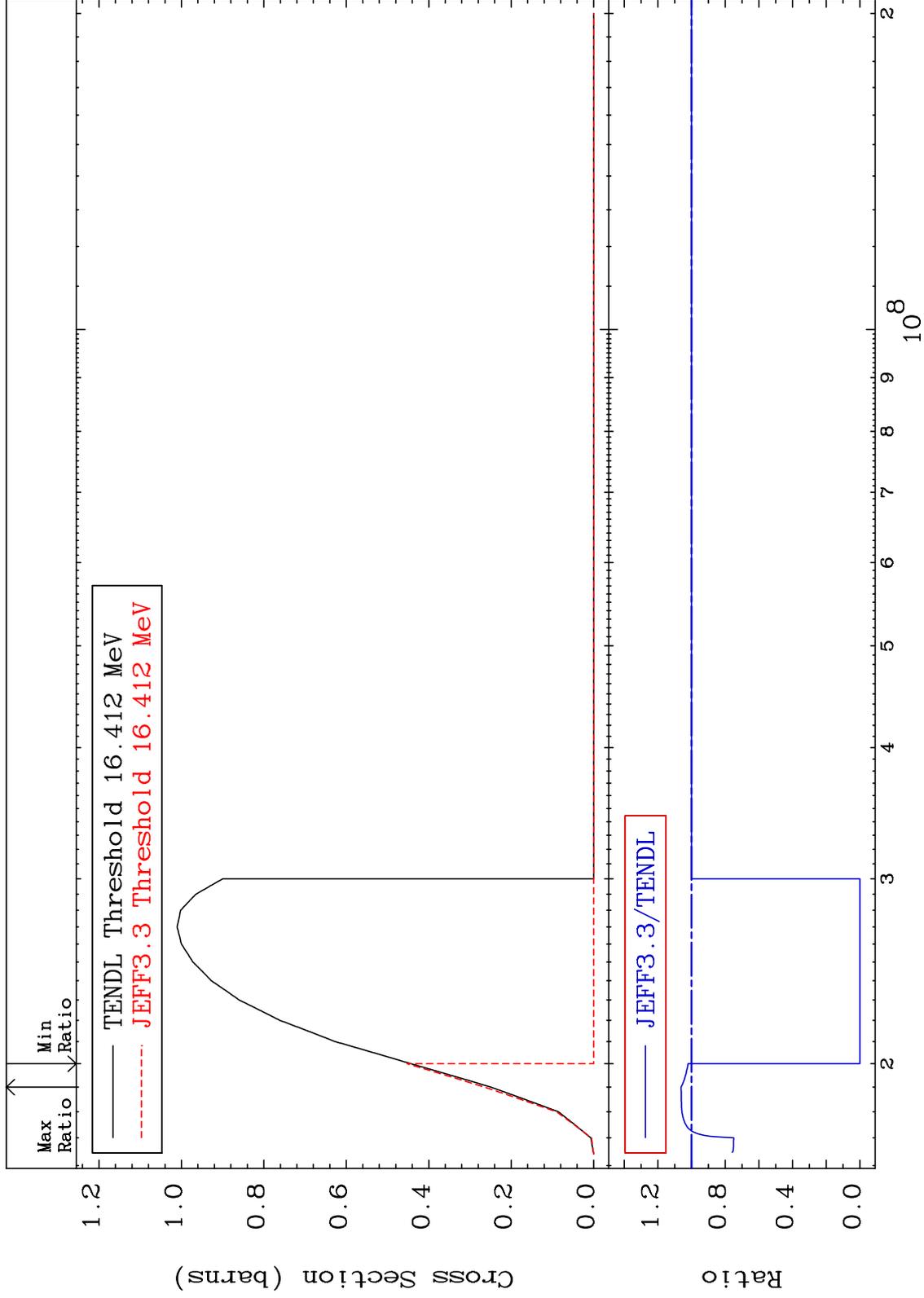


MAT 4325

(n,3n) : 43-Tc-97g

43-Tc-99

Radionuclide Production Cross Section -100.0 To 6.242 %

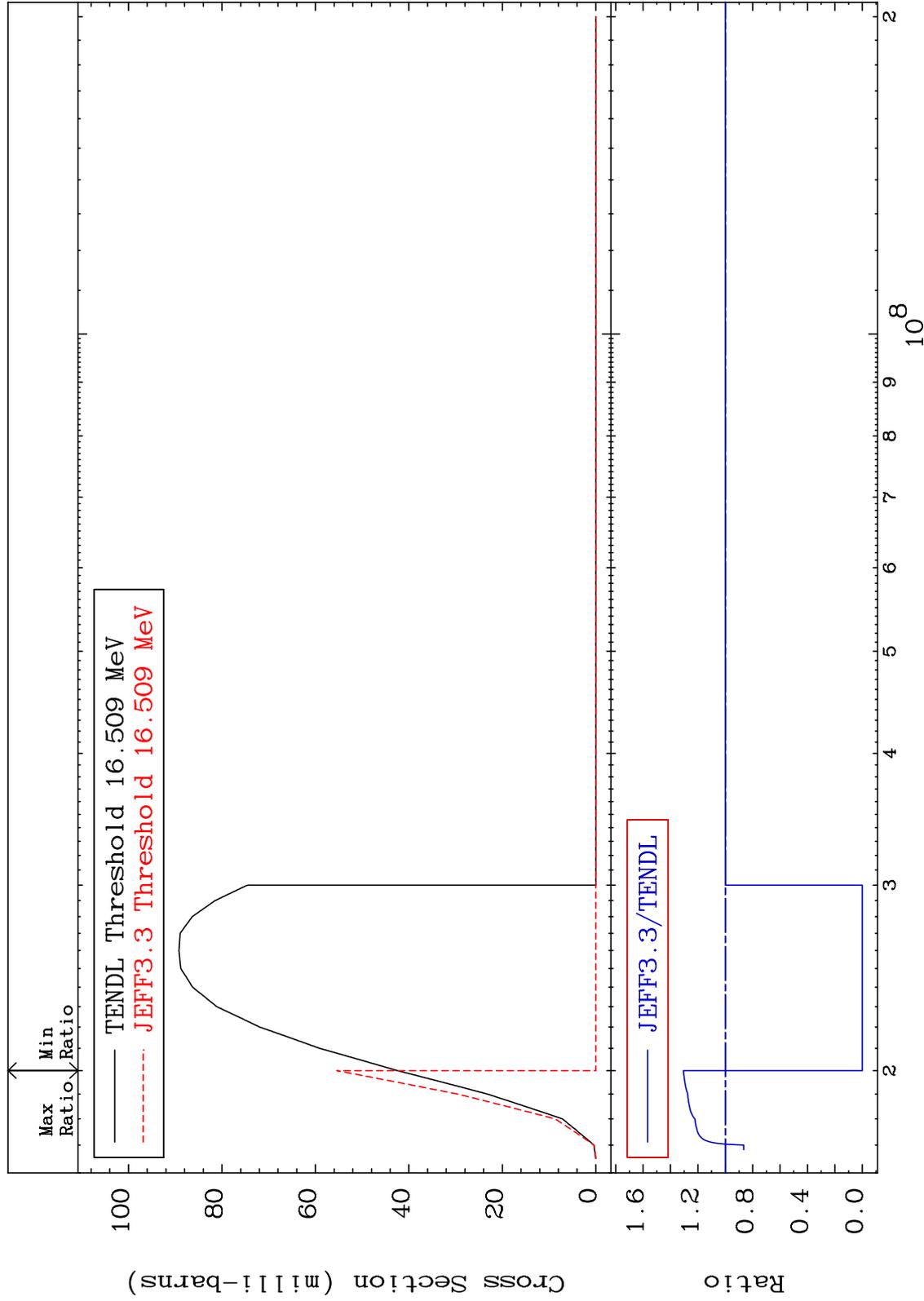


MAT 4325

(n,3n):43-Tc-97m1

43-Tc-99

Radionuclide Production Cross Section -100.0 To 30.60 %



63

Incident Energy (eV)

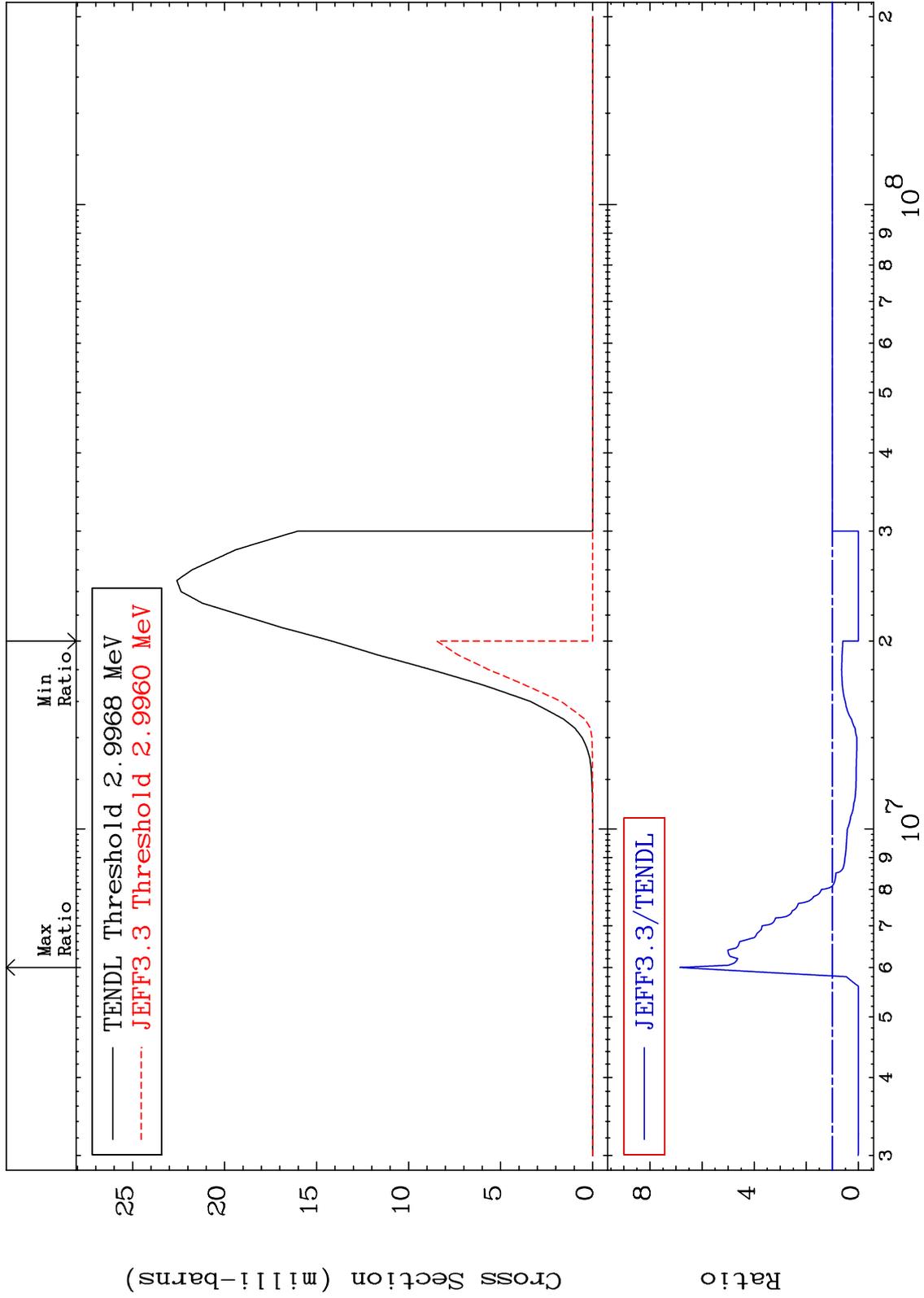
43-Tc-99

MAT 4325

(n, n') α : 41-Nb-95g

43-Tc-99

Radionuclide Production Cross Section -100.0 To 584.8 %

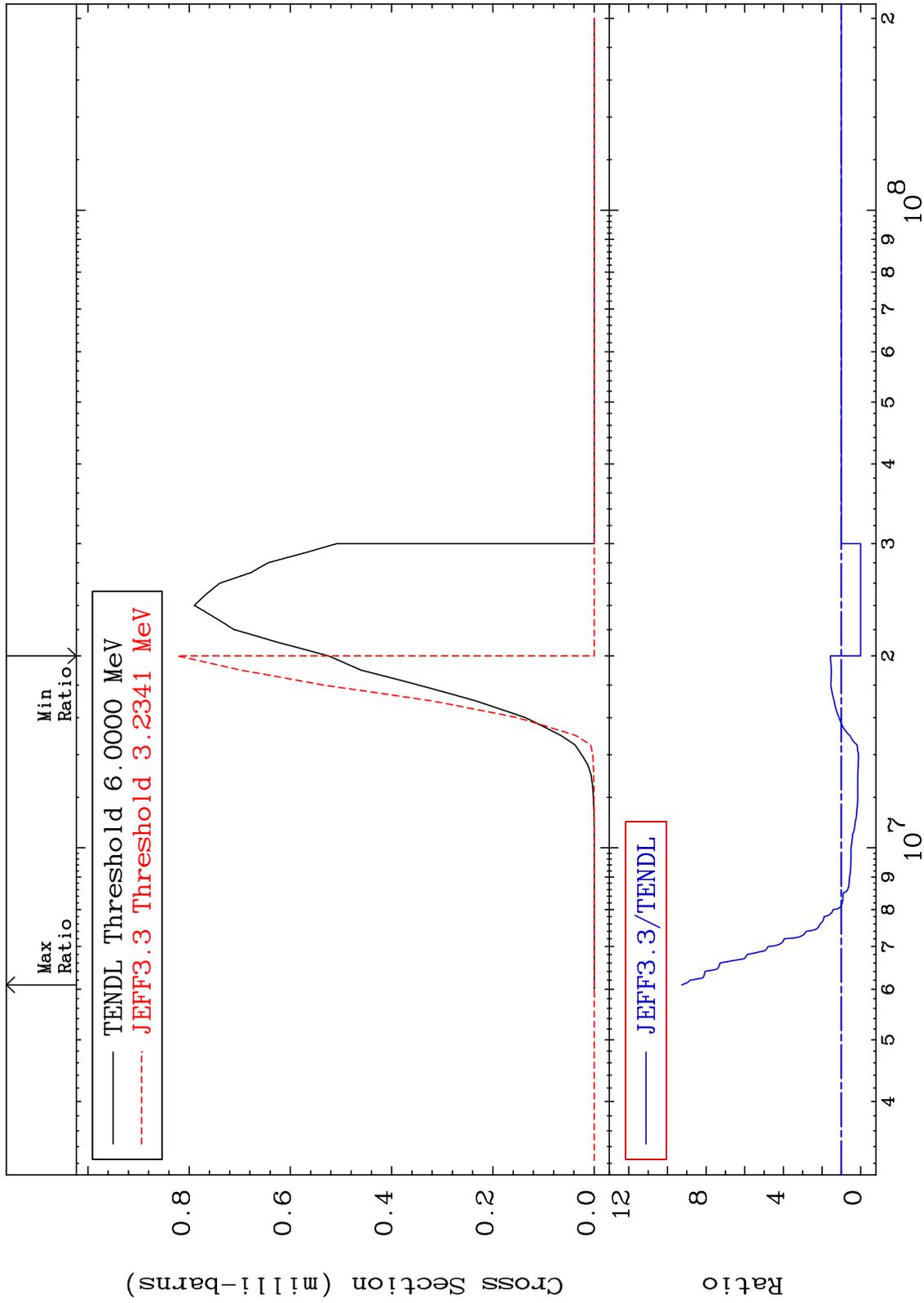


MAT 4325

(n, n') α :41-Nb-95m1

43-Tc-99

Radionuclide Production Cross Section -100.0 To 825.9 %



65

43-Tc-99

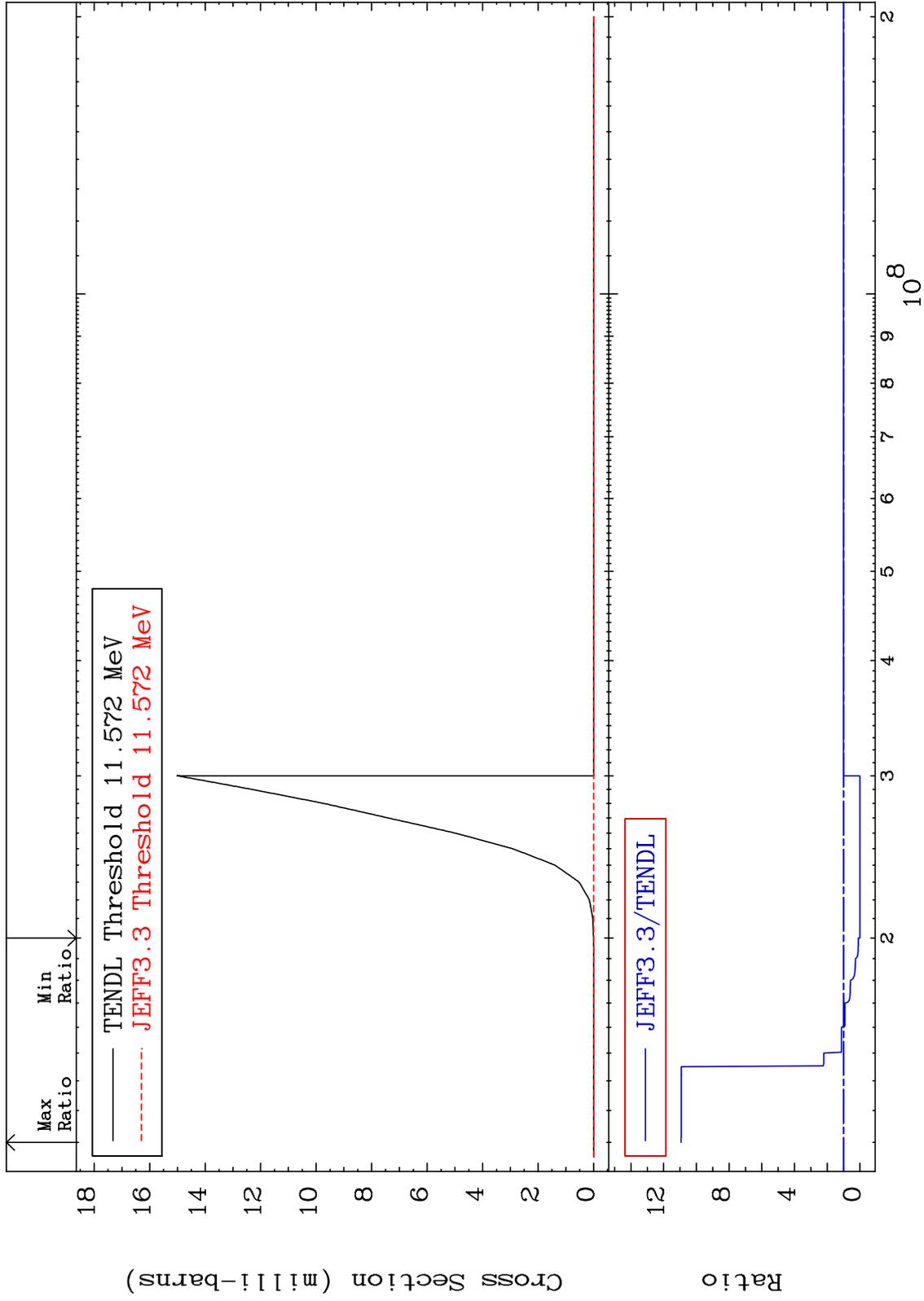
43-Tc-99

MAT 4325

(n,2n) α : 41-Nb-94g

43-Tc-99

Radionuclide Production Cross Section -100.0 To 993.2 %

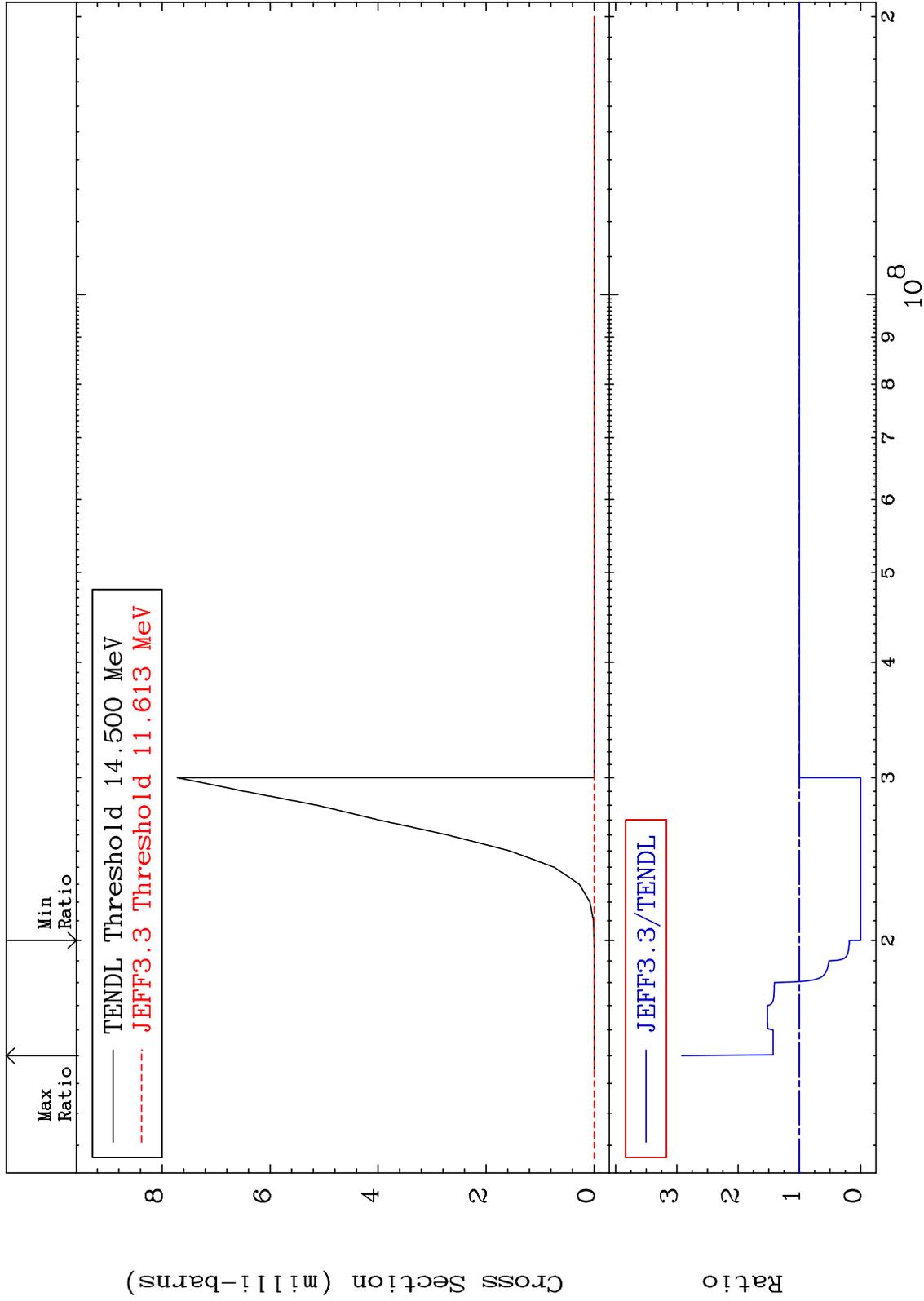


MAT 4325

(n,2n) α :41-Nb-94m1

43-Tc-99

Radionuclide Production Cross Section -100.0 To 192.0 %

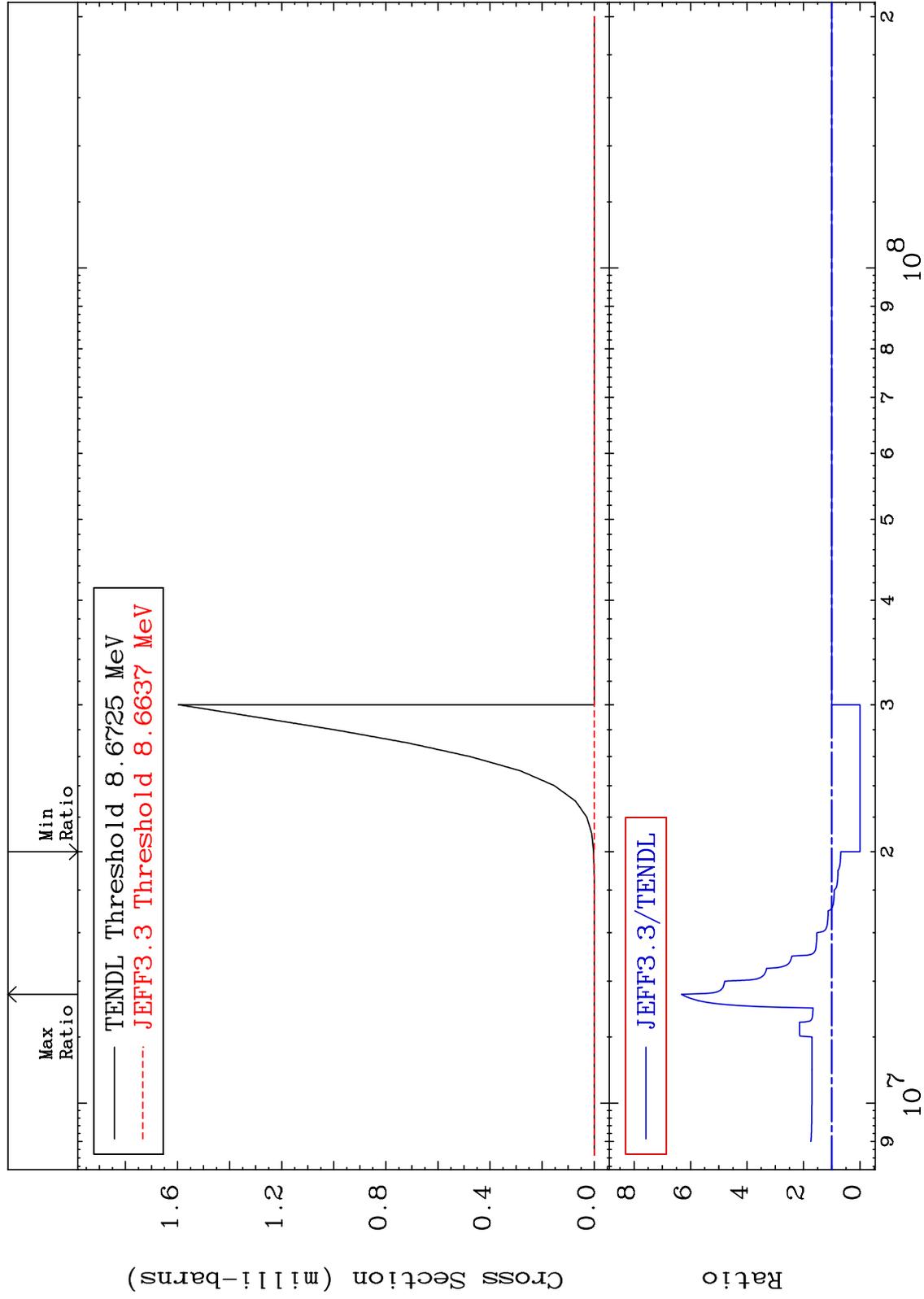


MAT 4325

(n, He-3) : 41-Nb-97g

43-Tc-99

Radionuclide Production Cross Section -100.0 To 531.9 %



68

43-Tc-99

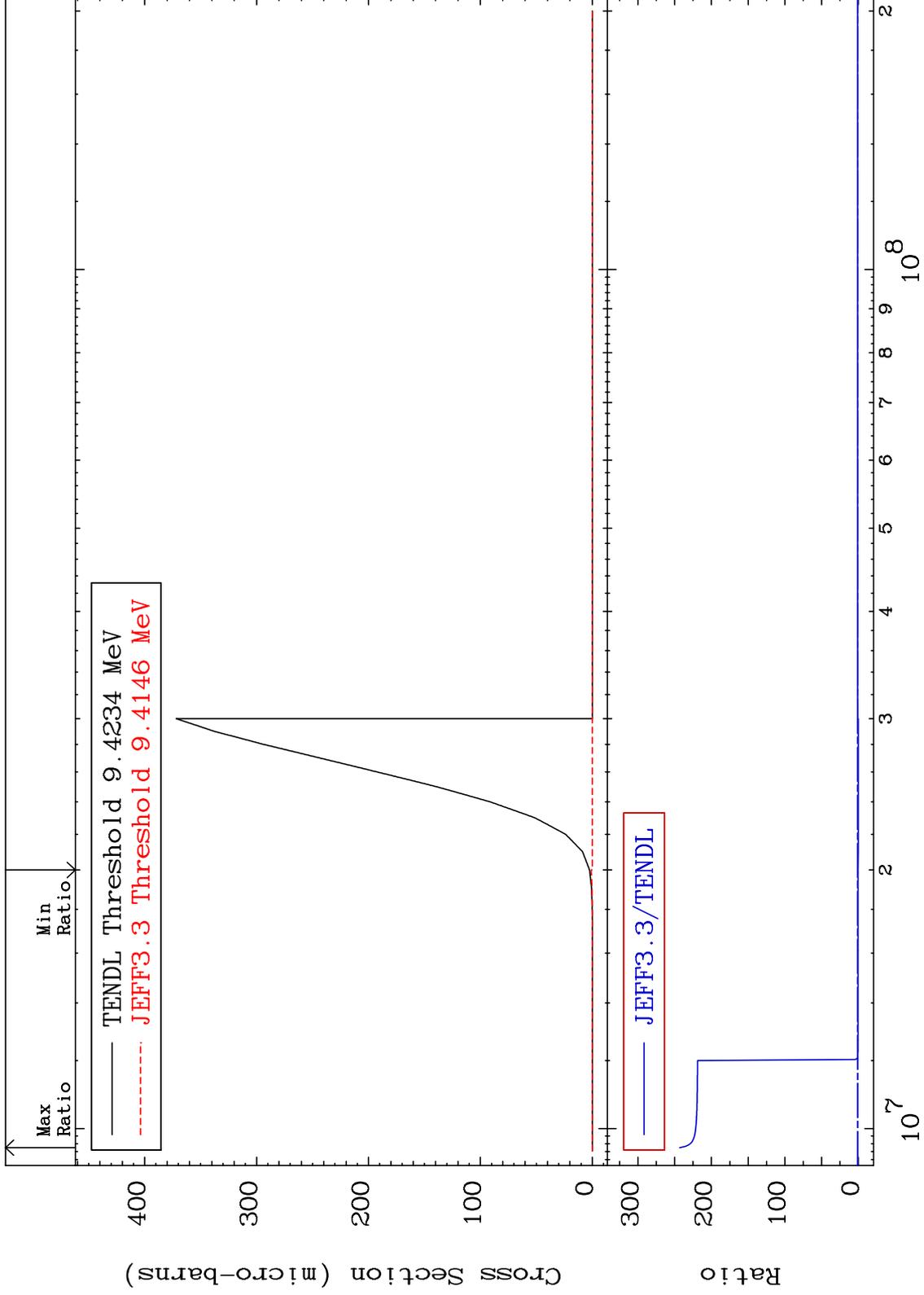
43-Tc-99

MAT 4325

(n,He-3):41-Nb-97m1

43-Tc-99

Radionuclide Production Cross Section -100.0 To 9999. %



69

Incident Energy (eV)

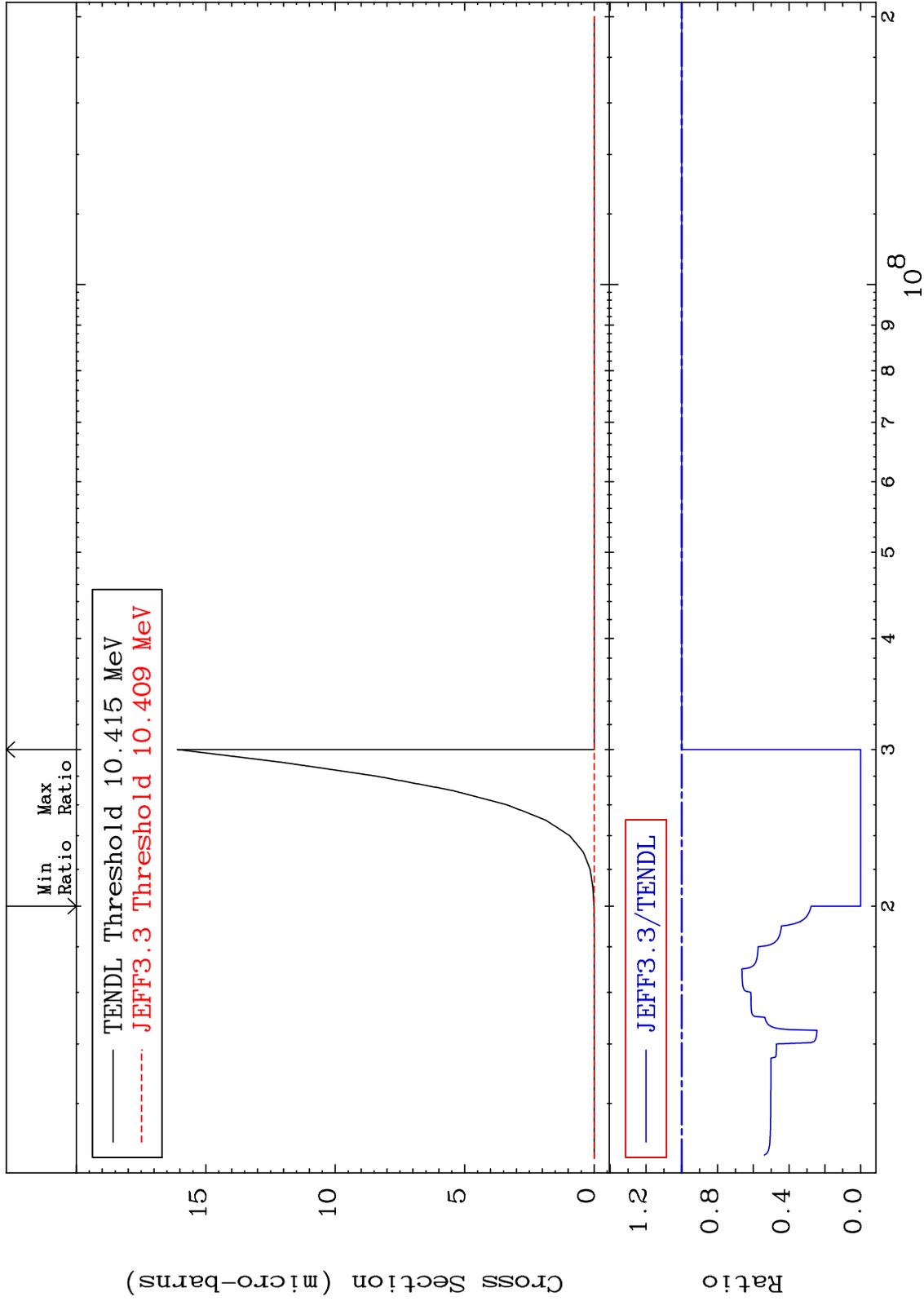
43-Tc-99

MAT 4325

(n,2p) : 41-Nb-98g

43-Tc-99

Radionuclide Production Cross Section -100.0 To 0.000 %



70

Incident Energy (eV)

43-Tc-99

MAT 4325

(n,2p):41-Nb-98m1

43-Tc-99

Radionuclide Production Cross Section -100.0 To 4432. %

