

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

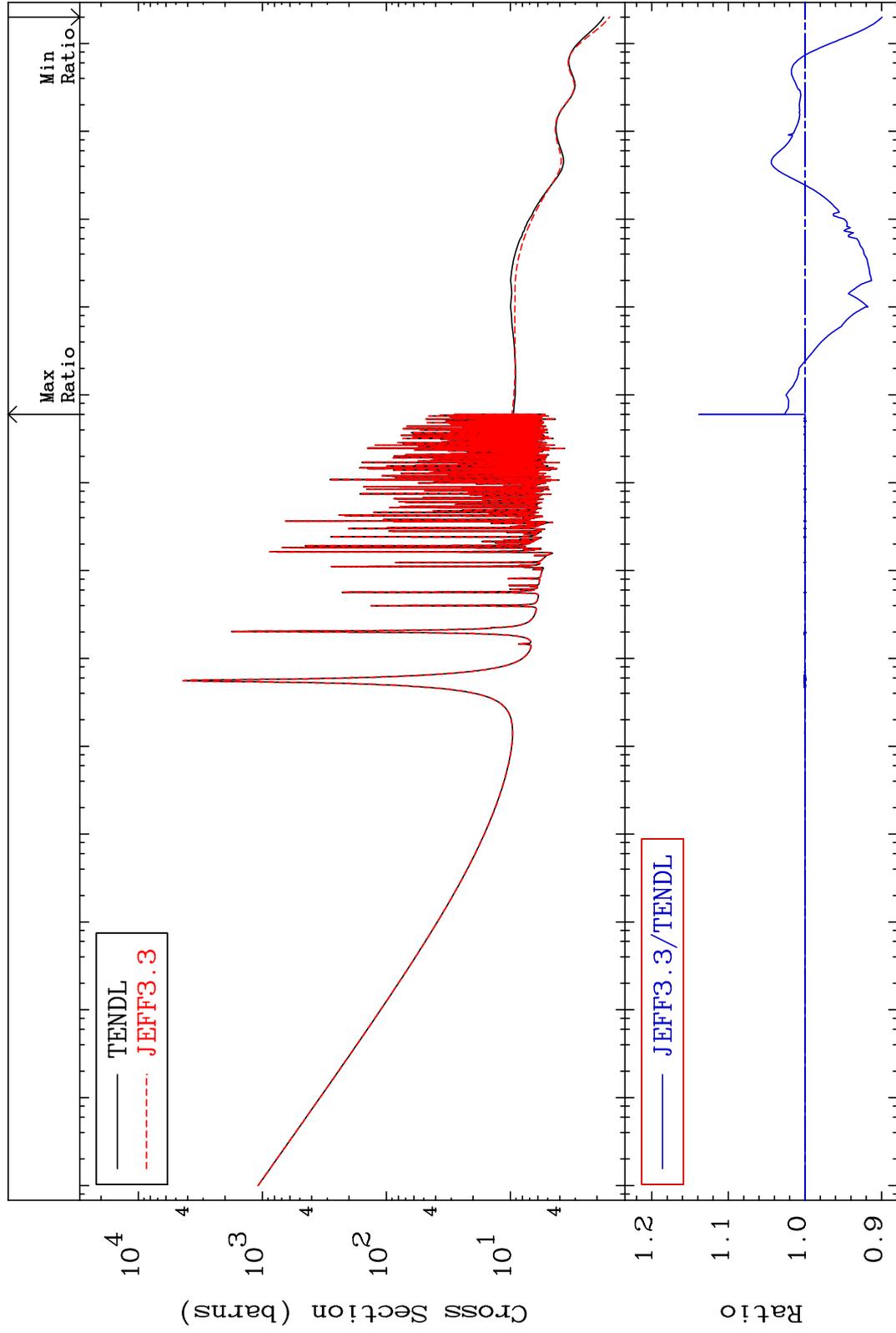
MAT 4325

Total

43-Tc-99

Cross Section

-10.07 To 13.83 %



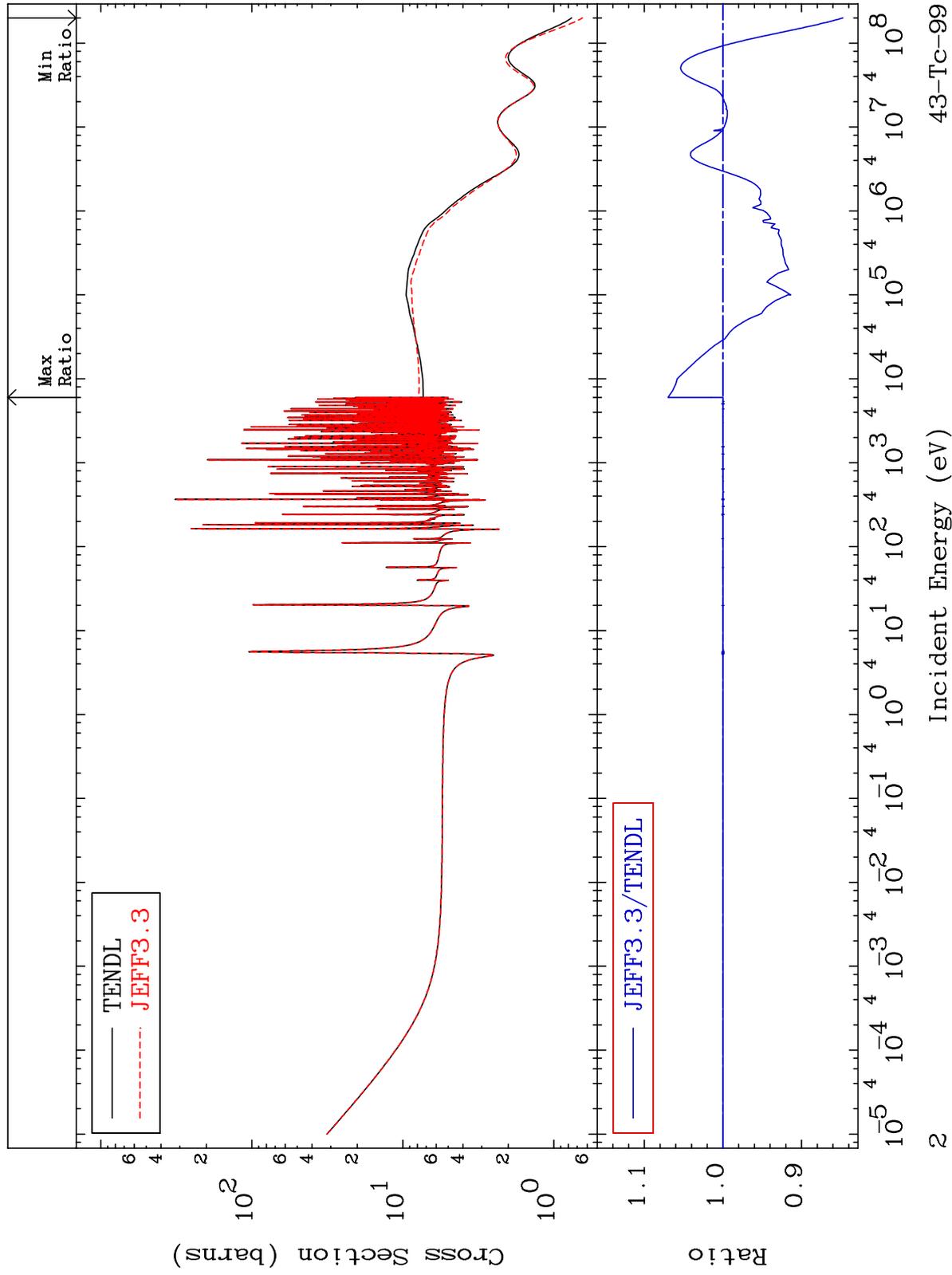
Incident Energy (eV)

43-Tc-99

MAT 4325

Elastic
Cross Section

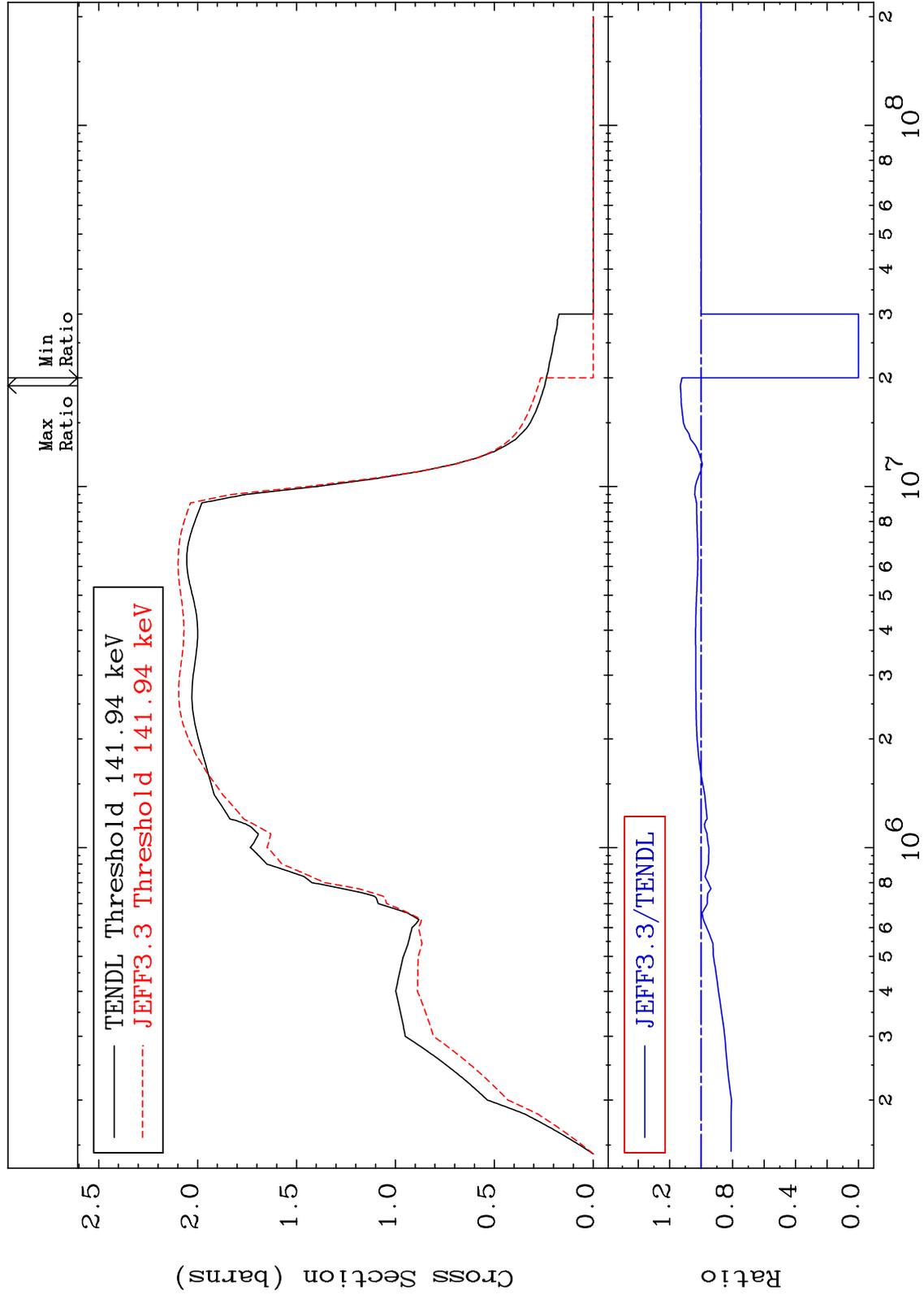
43-Tc-99
-15.28 To 6.977 %



MAT 4325

Inelastic
Cross Section

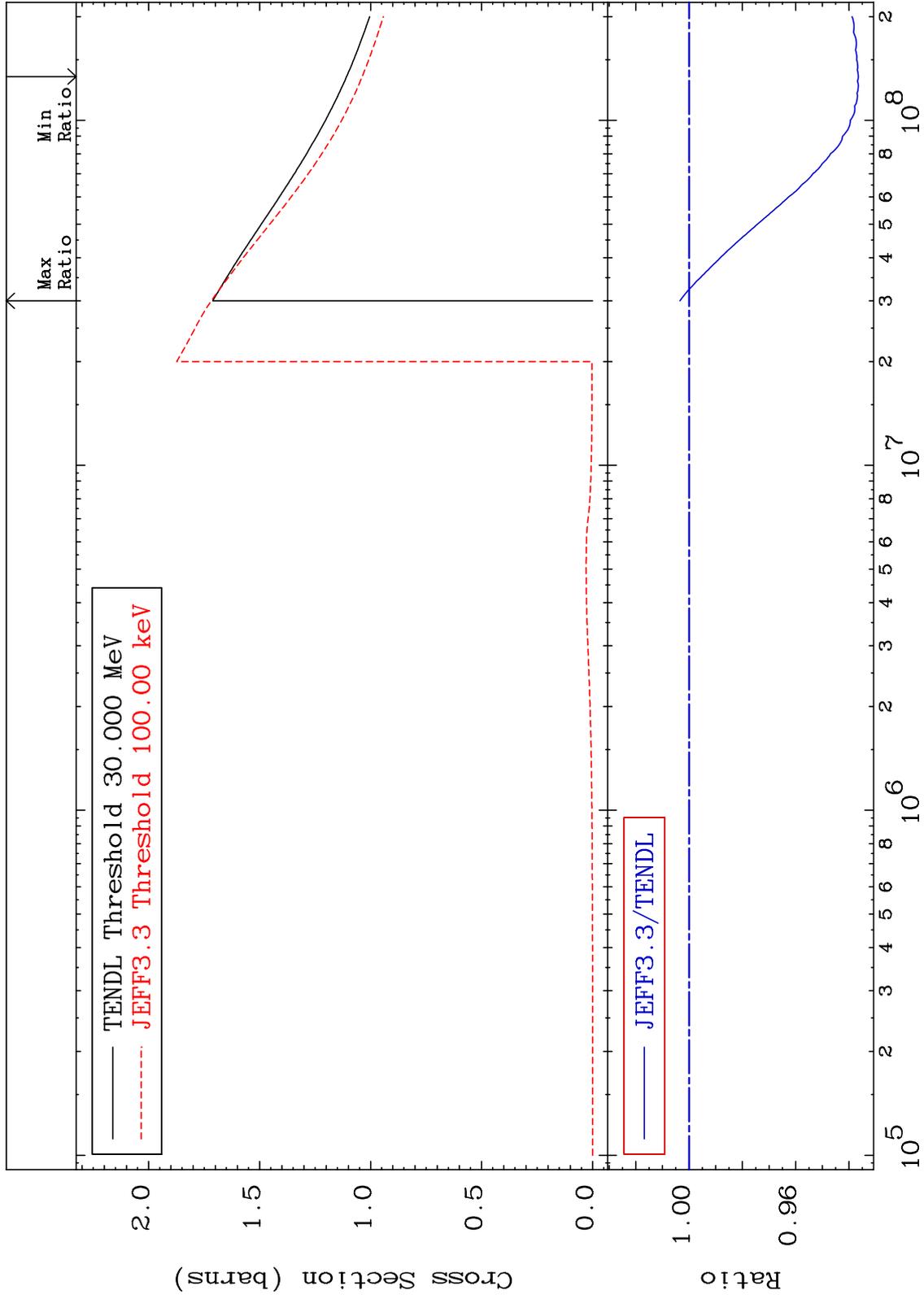
43-Tc-99
-100.0 To 13.19 %



MAT 4325

(n, remainder)
Cross Section

43-Tc-99
-6.356 To 0.344 %

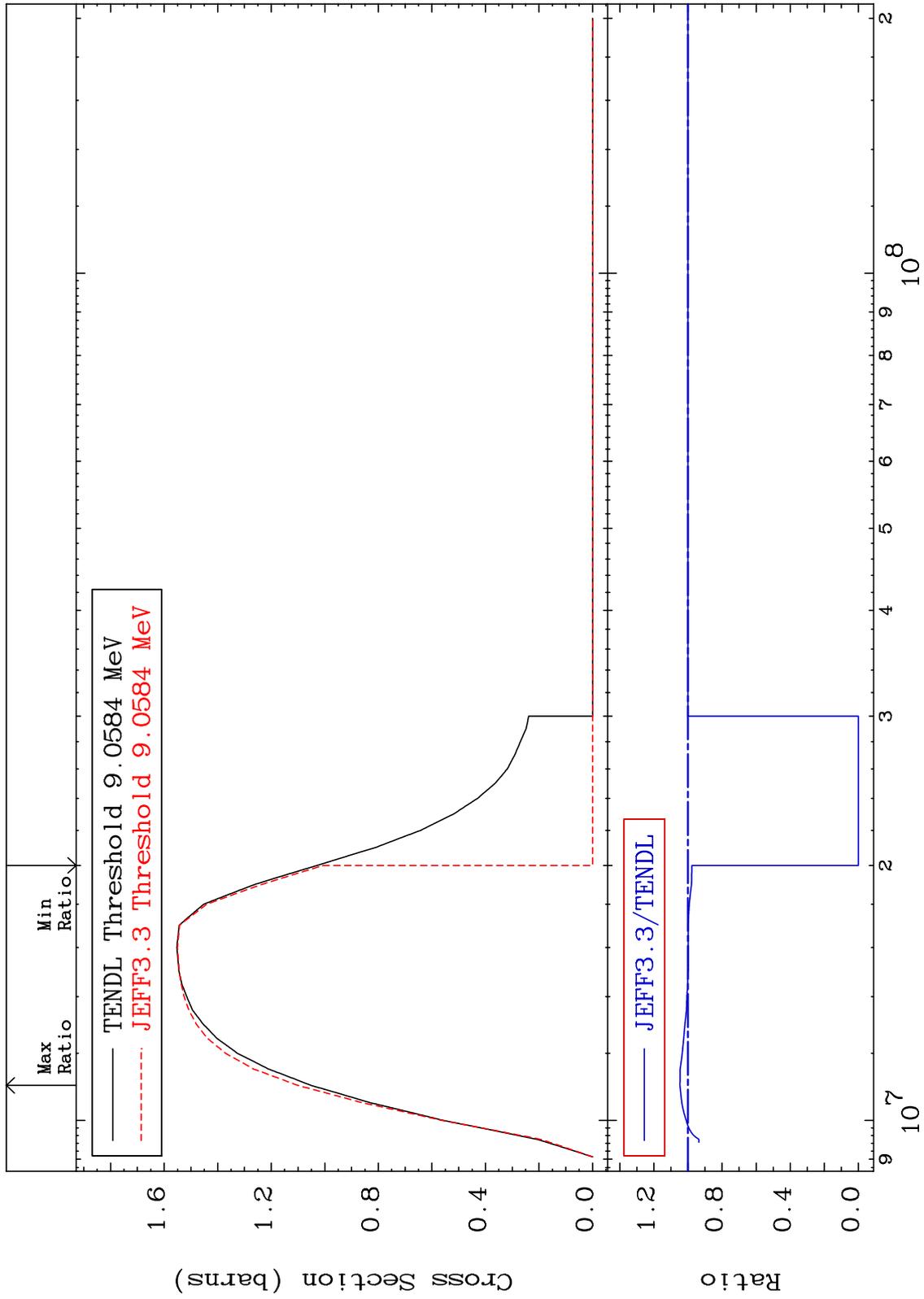


Incident Energy (eV)

43-Tc-99

4

MAT 4325 (n,2n) Cross Section 43-Tc-99 -100.0 To 4.716 %



5 9 10⁷ 2 10⁸ 43-Tc-99

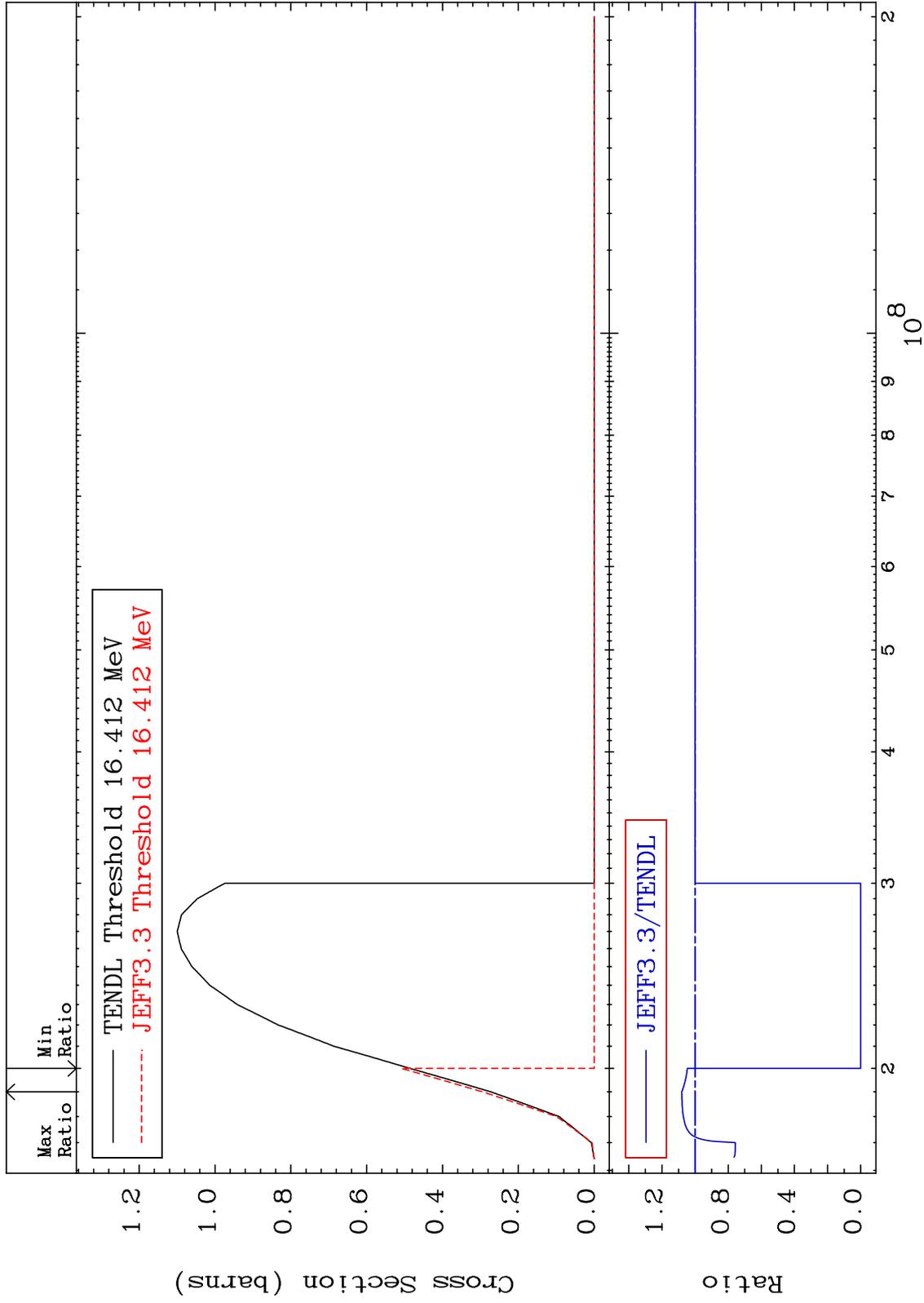
MAT 4325

(n, 3n)

43-Tc-99

Cross Section

-100.0 To 8.046 %



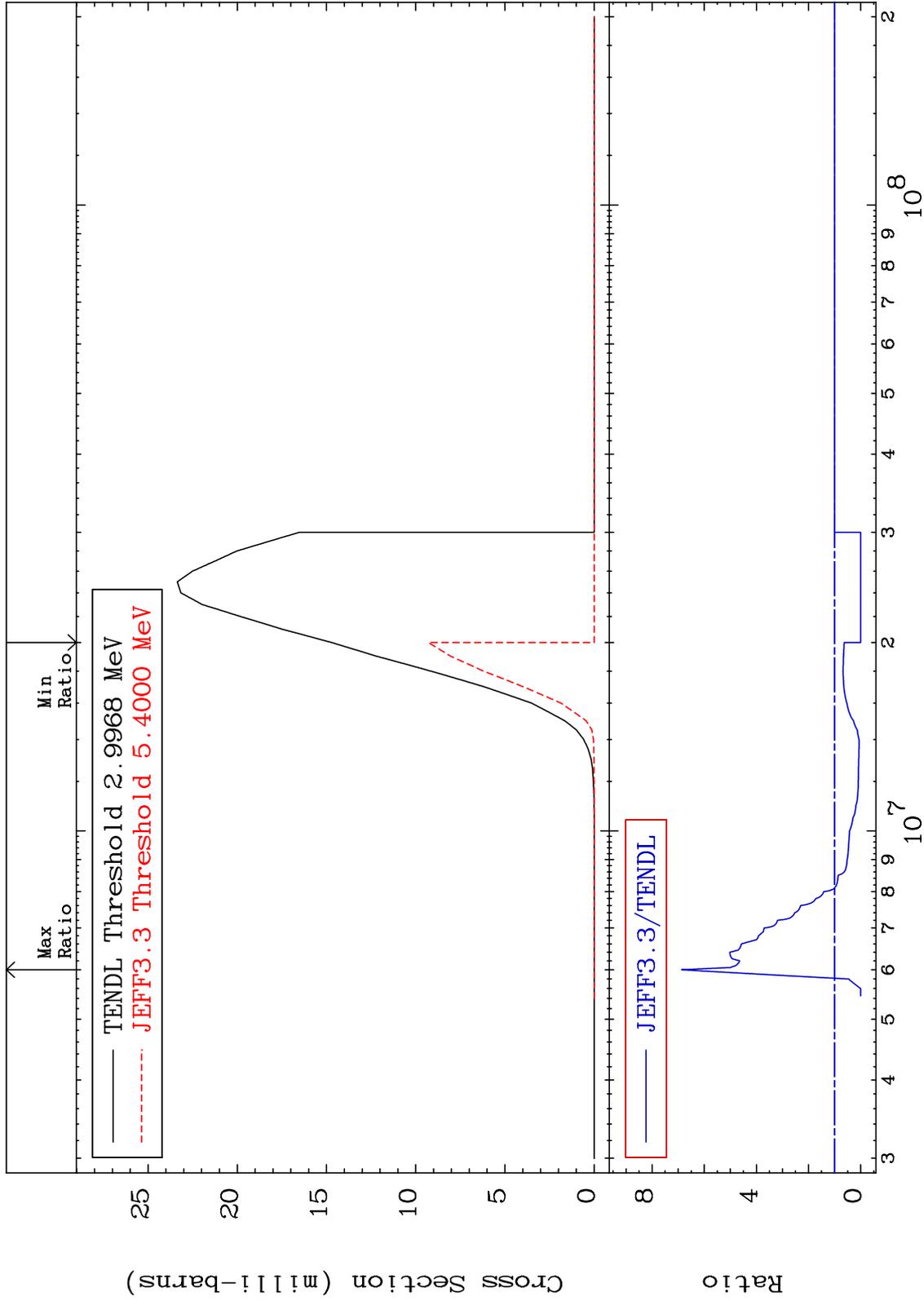
MAT 4325

(n, n') α

43-Tc-99

-100.0 To 586.4 %

Cross Section



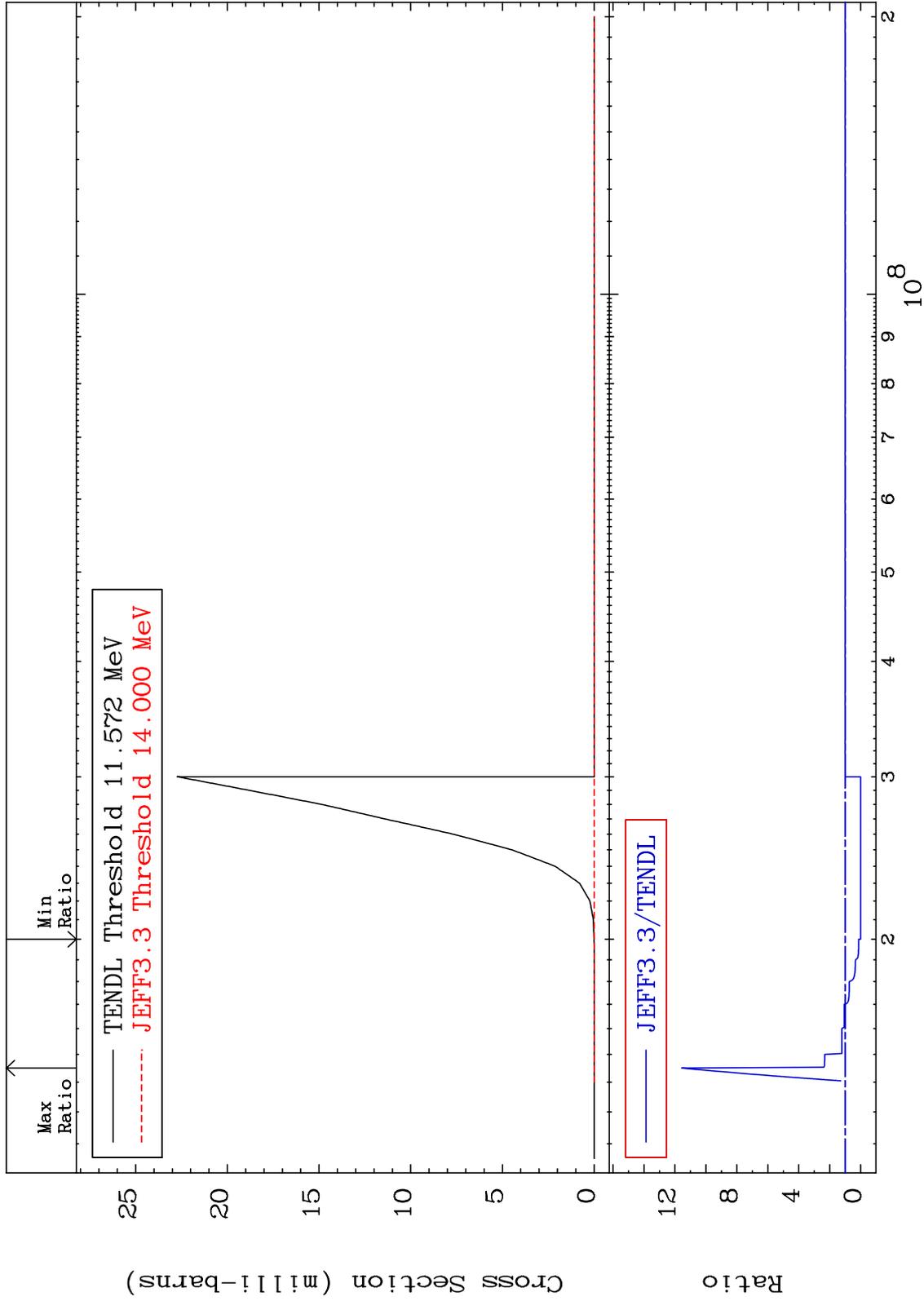
MAT 4325

(n,2n) α

43-Tc-99

Cross Section

-100.0 To 1056. %



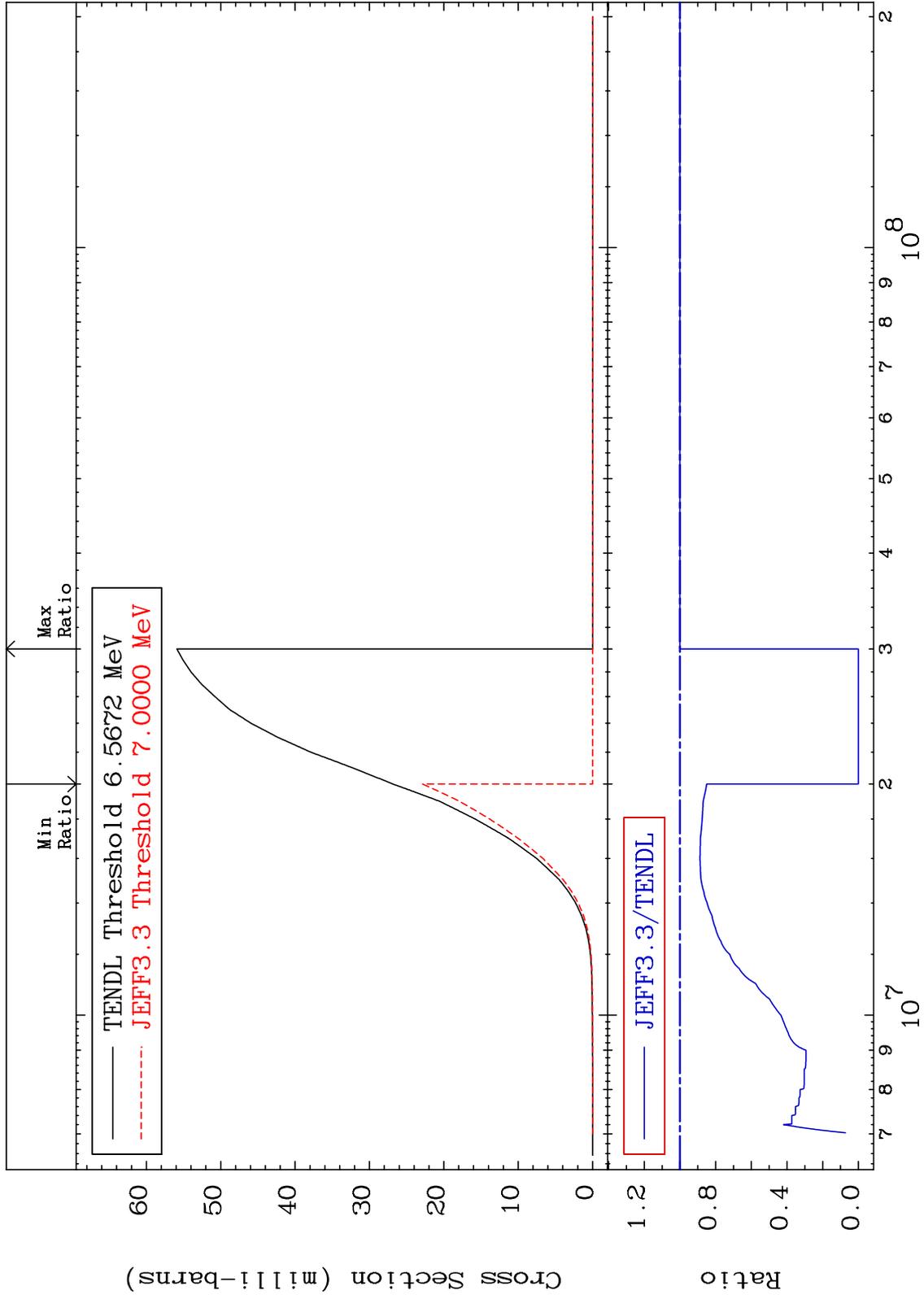
MAT 4325

(n, n') p

43-Tc-99

Cross Section

-100.0 To 0.000 %



9

Incident Energy (eV)

43-Tc-99

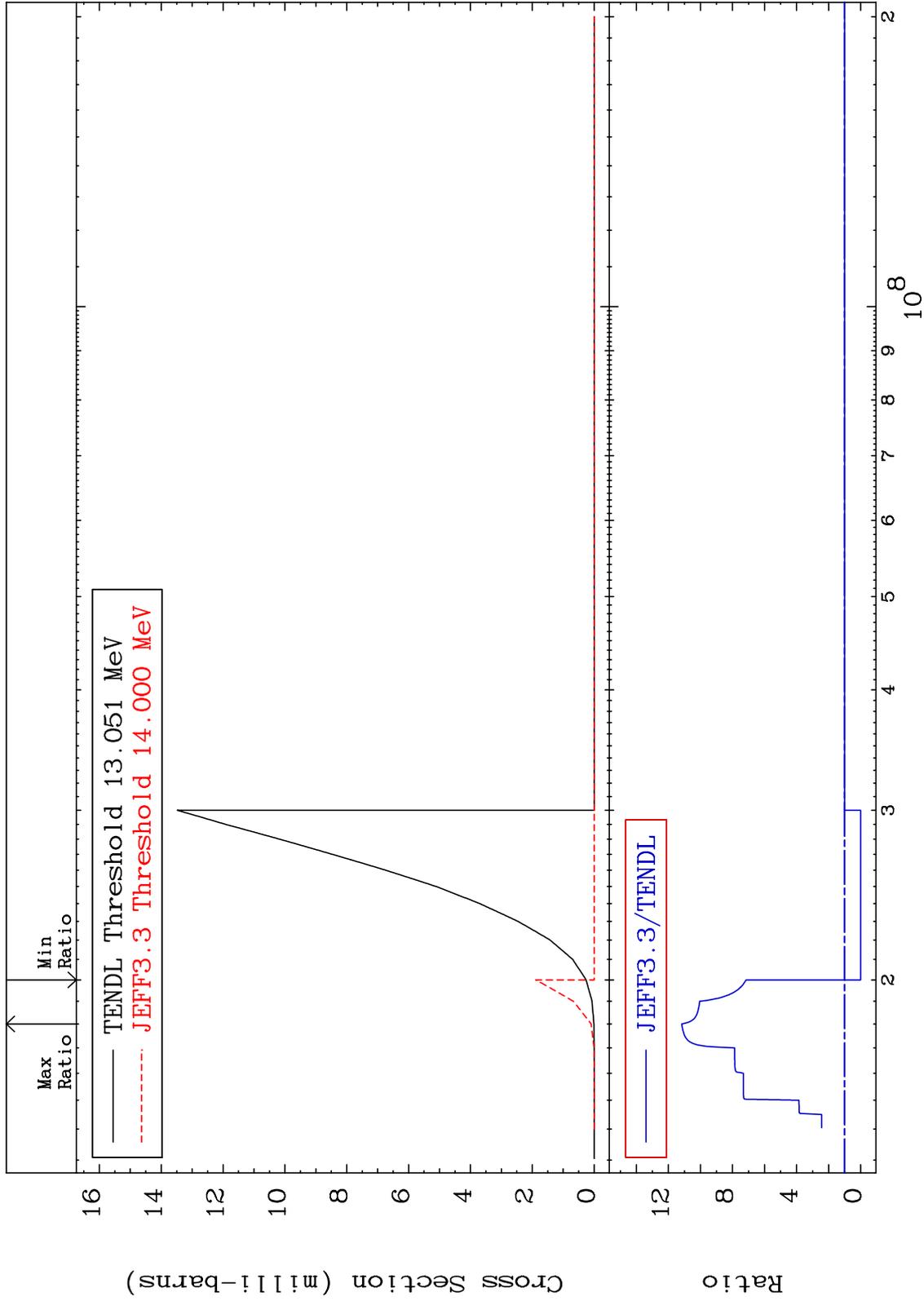
MAT 4325

(n, n') d

43-Tc-99

Cross Section

-100.0 To 1017. %



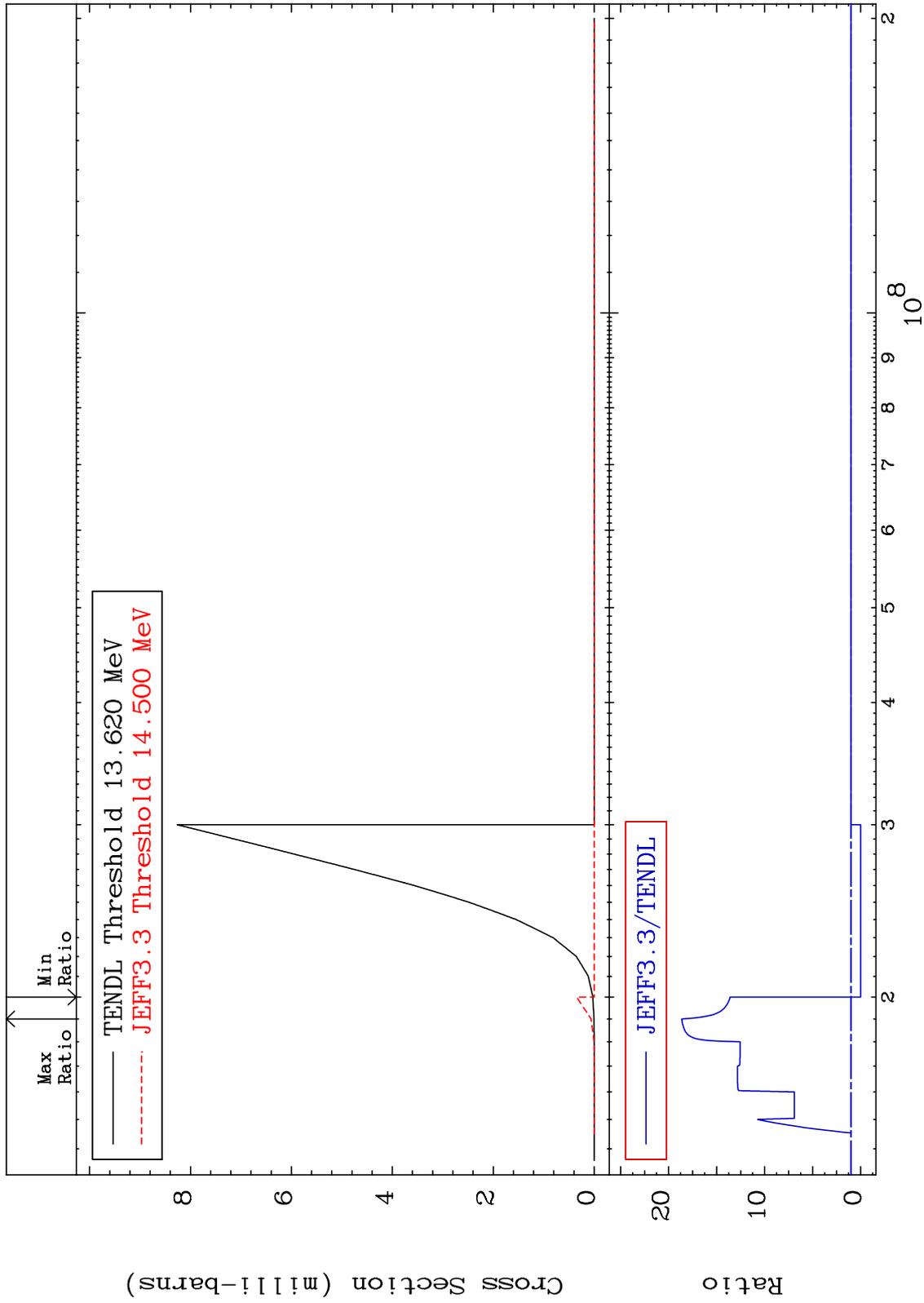
MAT 4325

(n, n') t

43-Tc-99

Cross Section

-100.0 To 1763. %



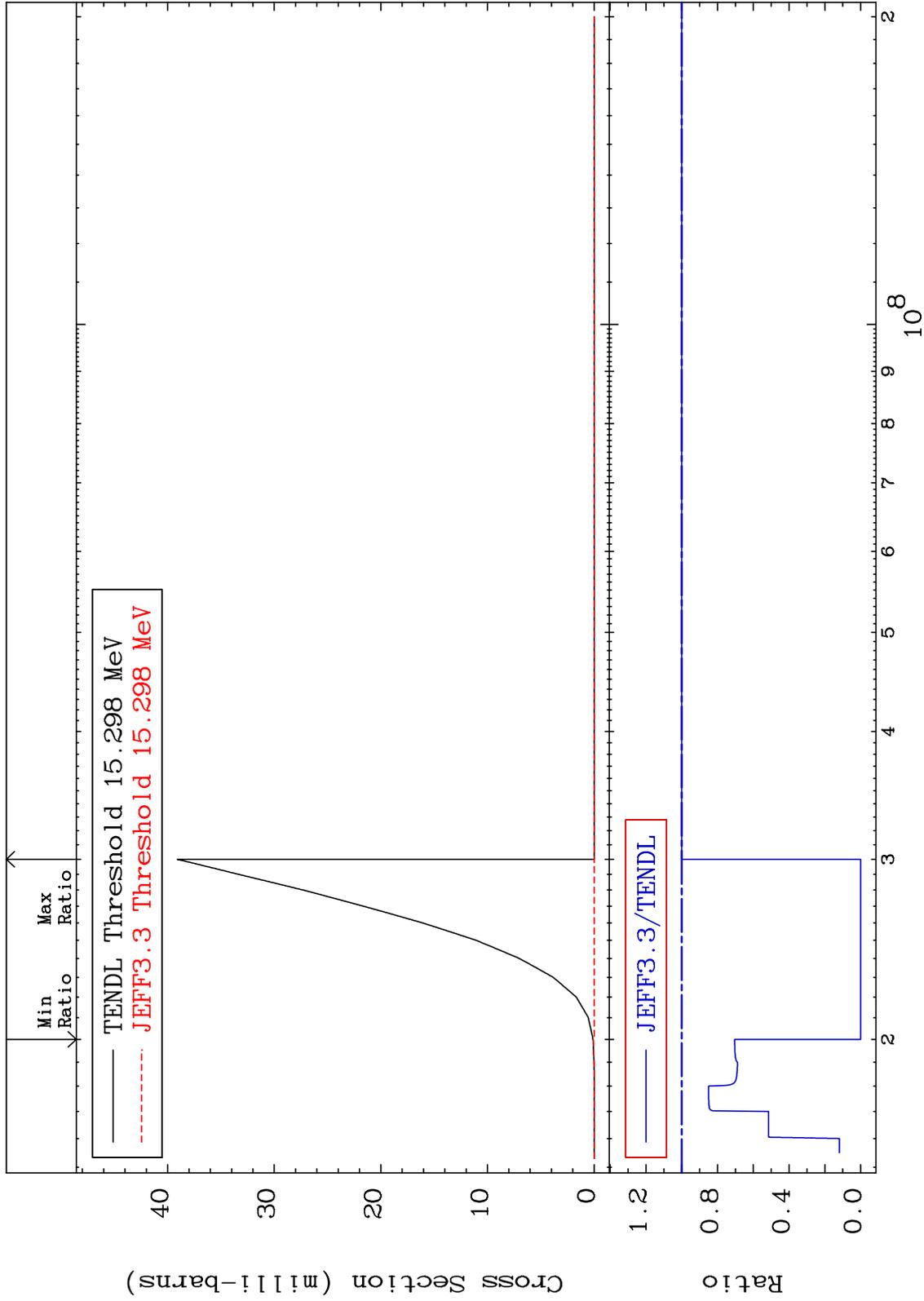
MAT 4325

(n,2n) p

43-Tc-99

Cross Section

-100.0 To 0.000 %



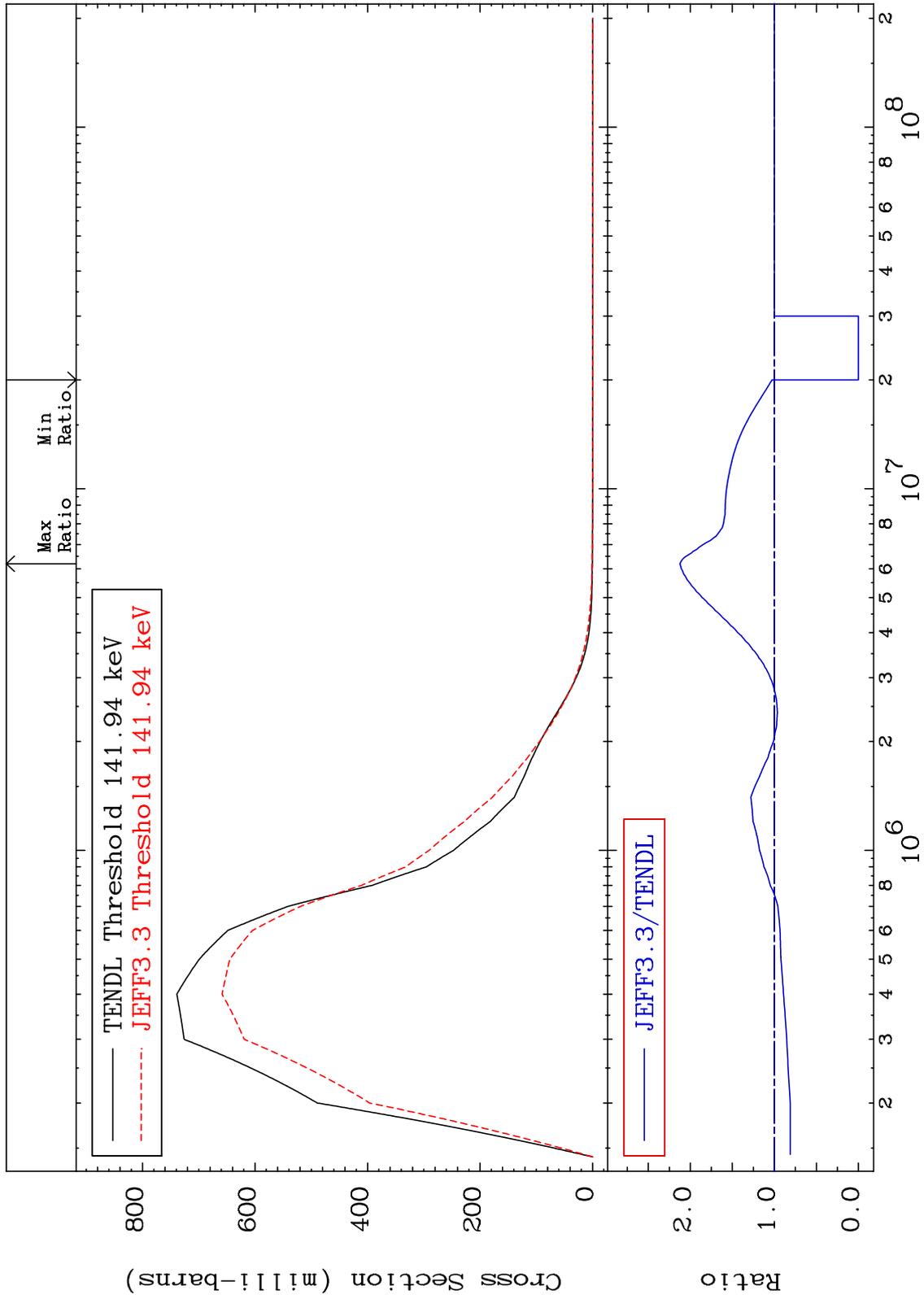
MAT 4325

MT= 51 (n,n') Level

43-Tc-99

-100.0 To 112.4 %

Cross Section



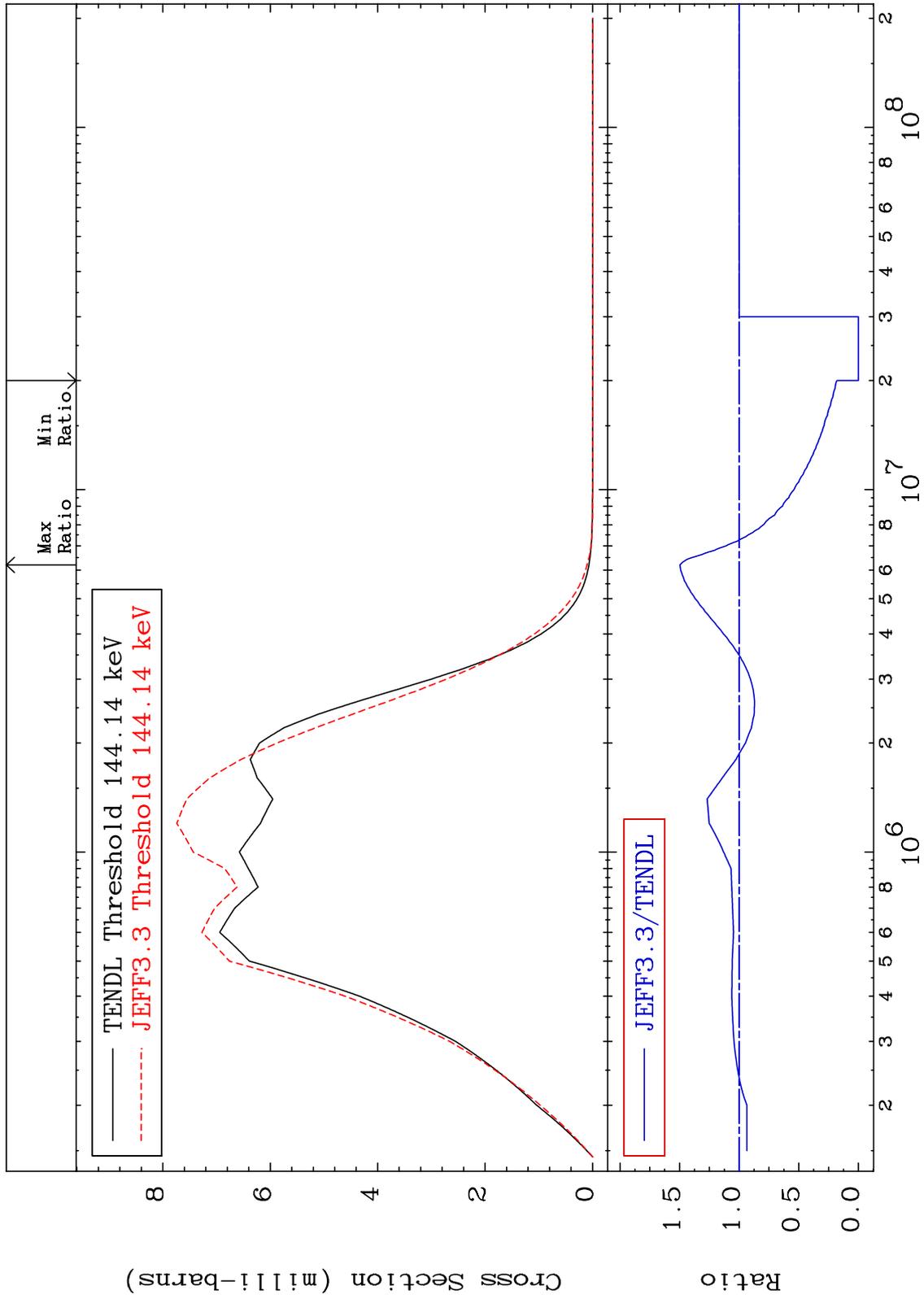
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99
-100.0 To 49.71 %



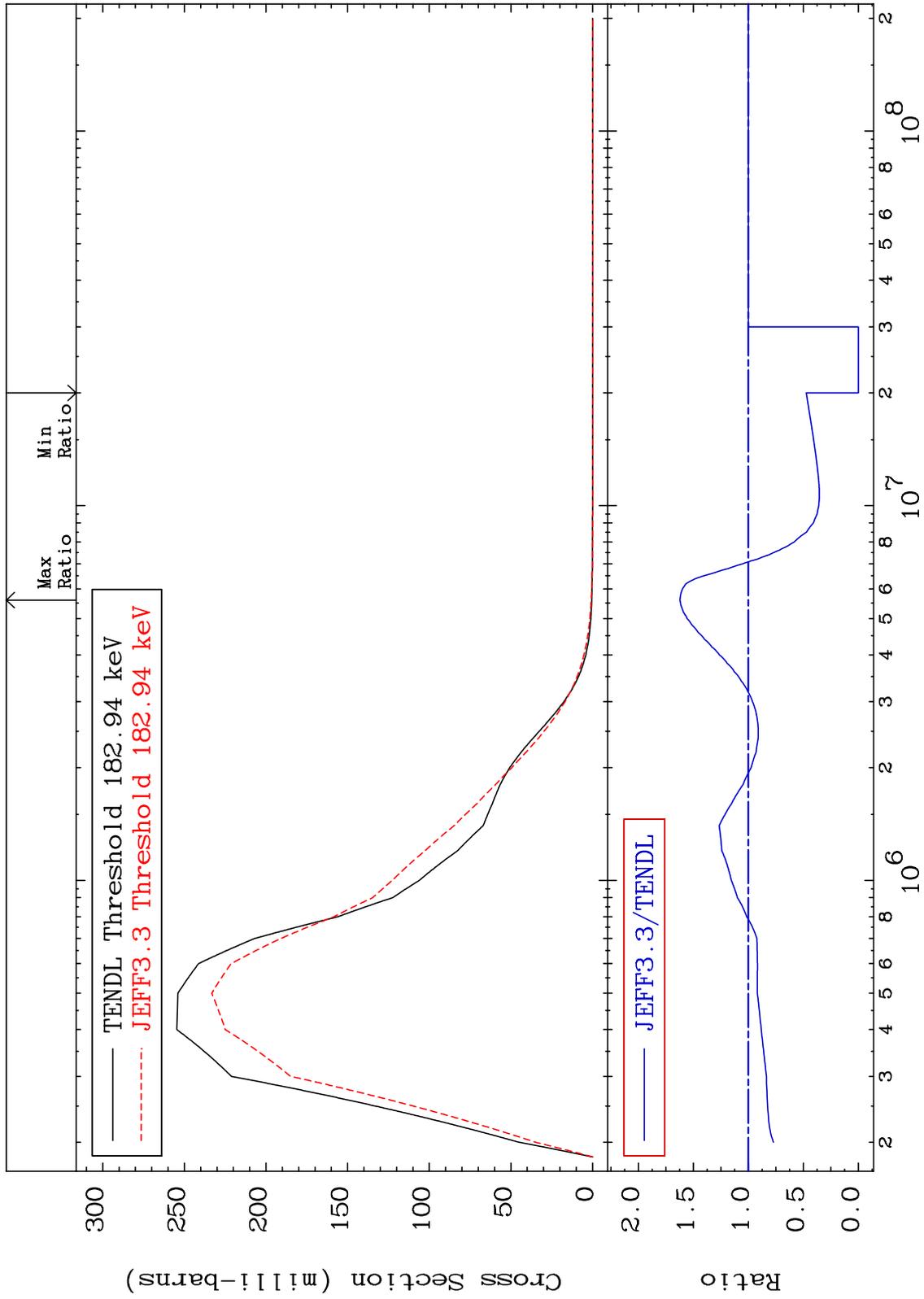
MAT 4325

MT= 53 (n, n') Level

43-Tc-99

-100.0 To 62.21 %

Cross Section



43-Tc-99

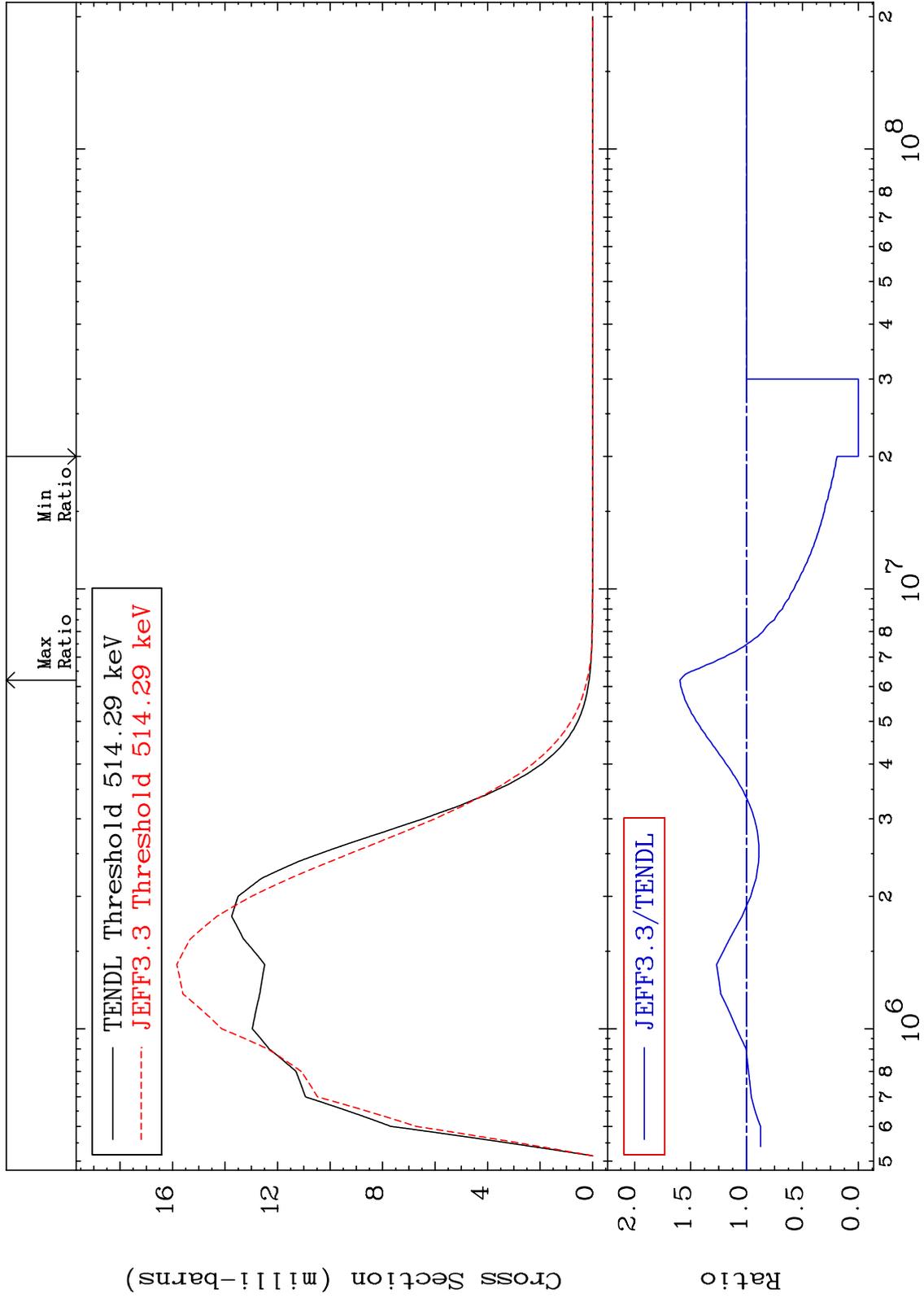
Incident Energy (eV)

15

MAT 4325

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

43-Tc-99
-100.0 To 59.58 %

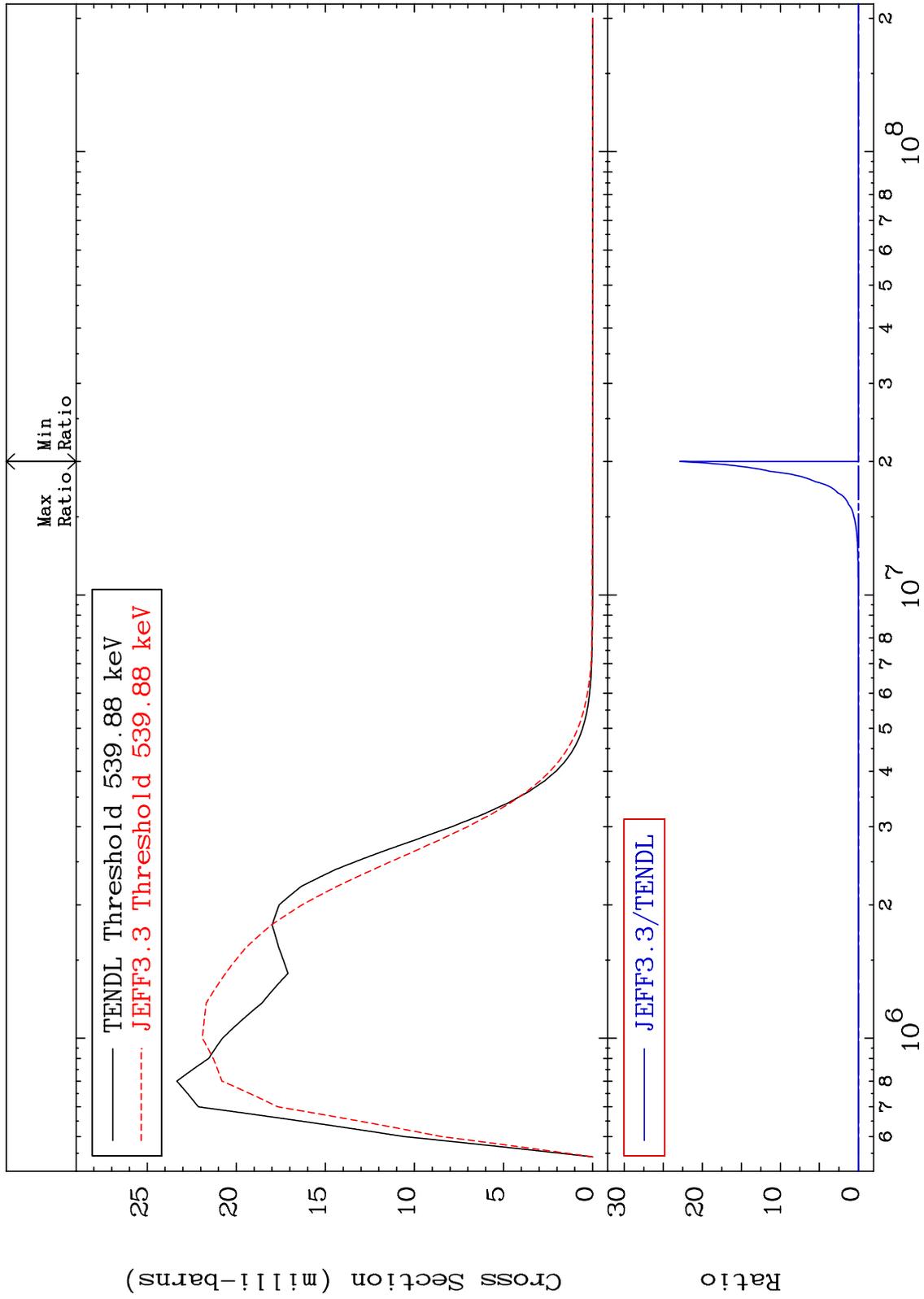


16

Incident Energy (eV)

43-Tc-99

MAT 4325 MT= 55 (n,n') Level 43-Tc-99
 Cross Section -100.0 To 9999. %

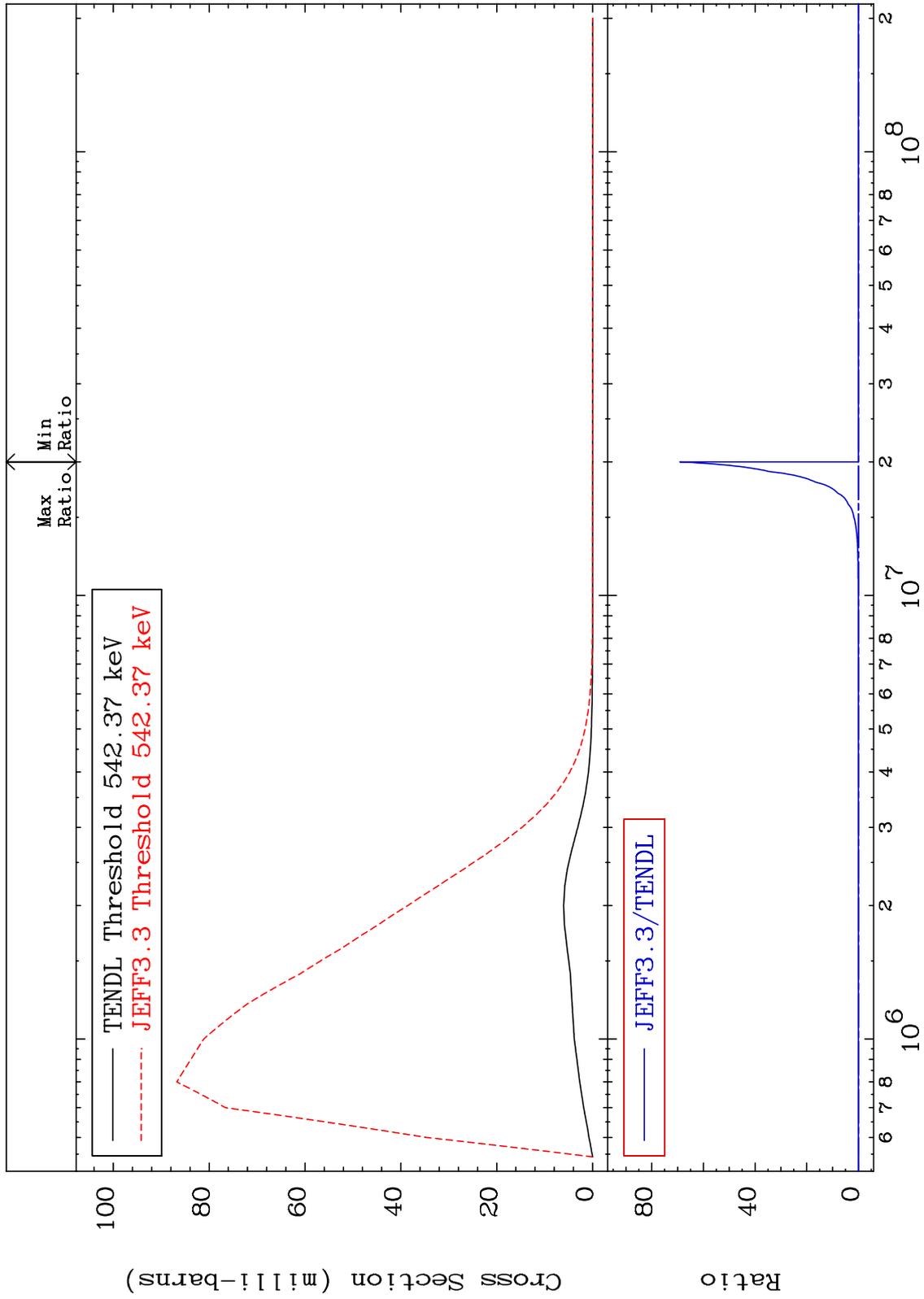


17 Incident Energy (eV) 43-Tc-99

MAT 4325

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

43-Tc-99
-100.0 To 9999. %



18

Incident Energy (eV)

43-Tc-99

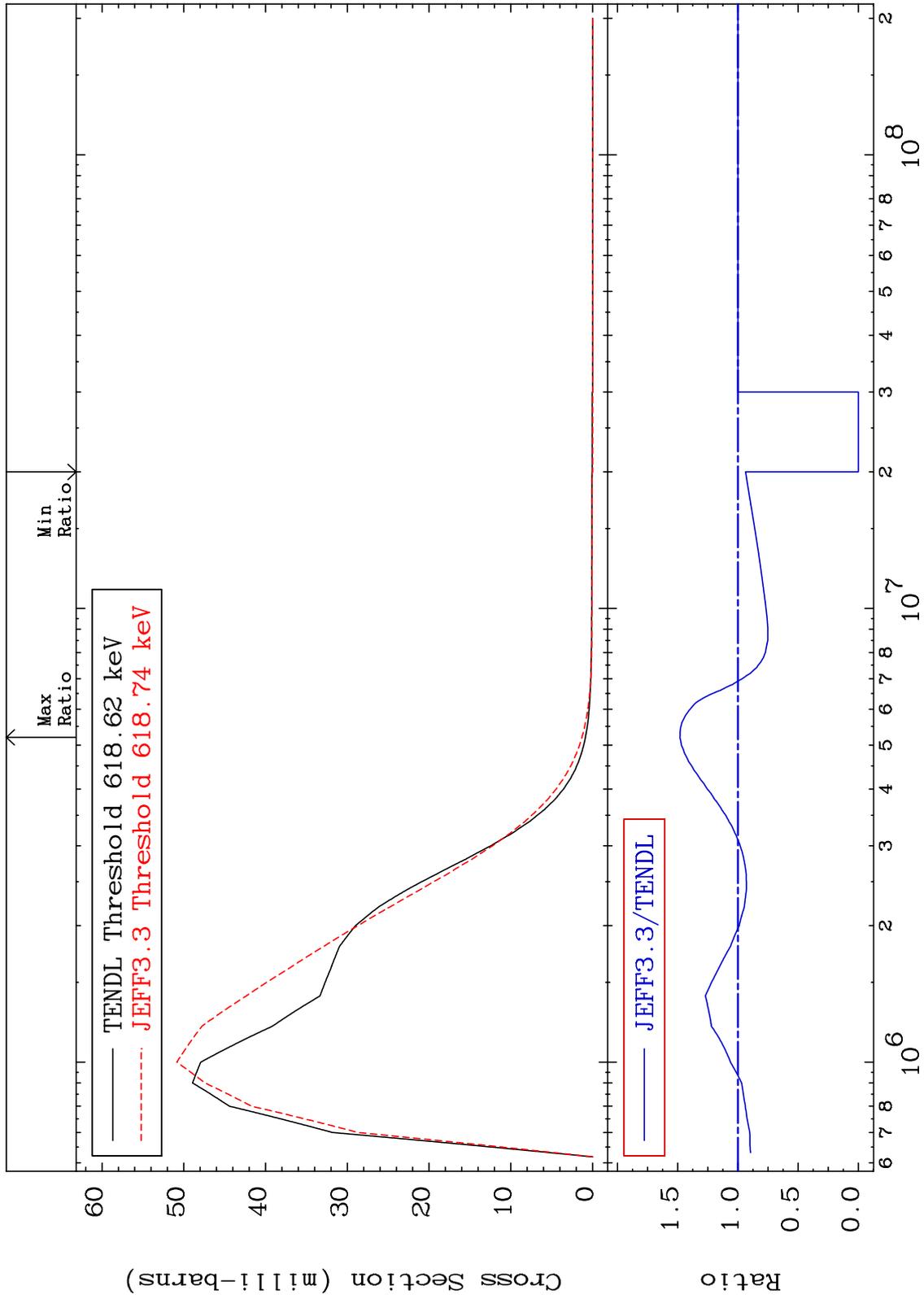
MAT 4325

MT= 57 (n,n') Level

43-Tc-99

-100.0 To 48.12 %

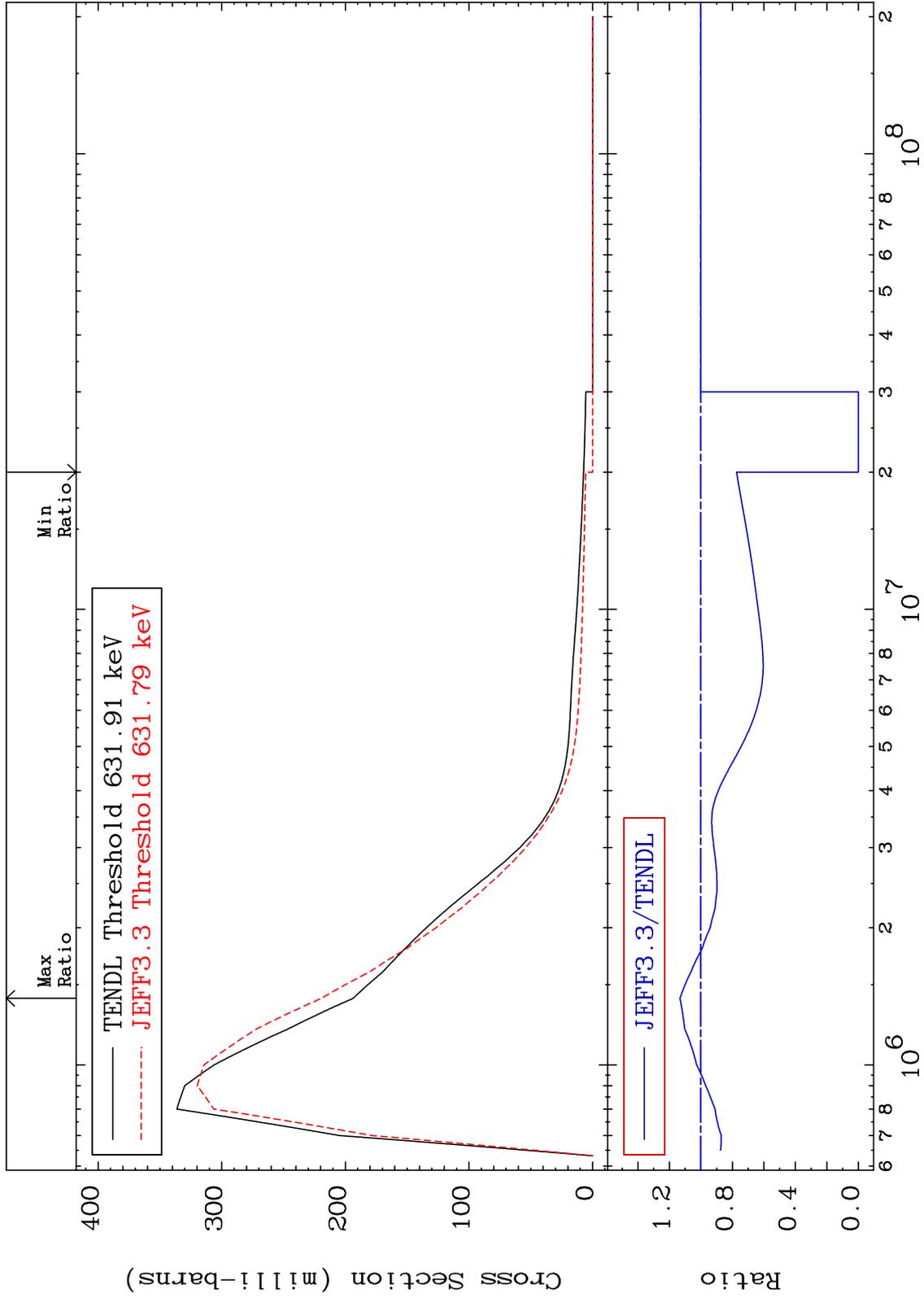
Cross Section



MAT 4325

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

43-Tc-99
-100.0 To 13.31 %

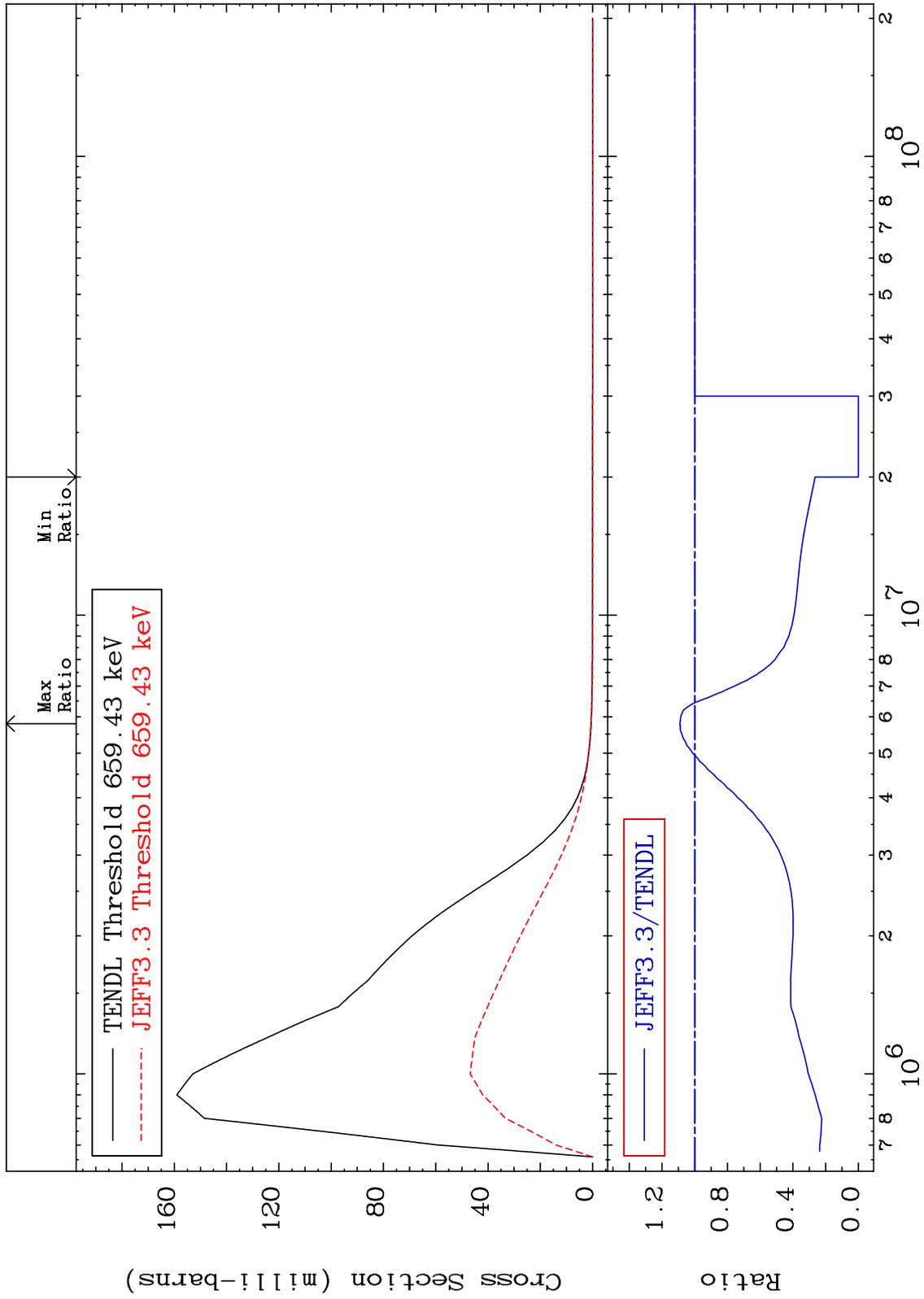


20

Incident Energy (eV)

43-Tc-99

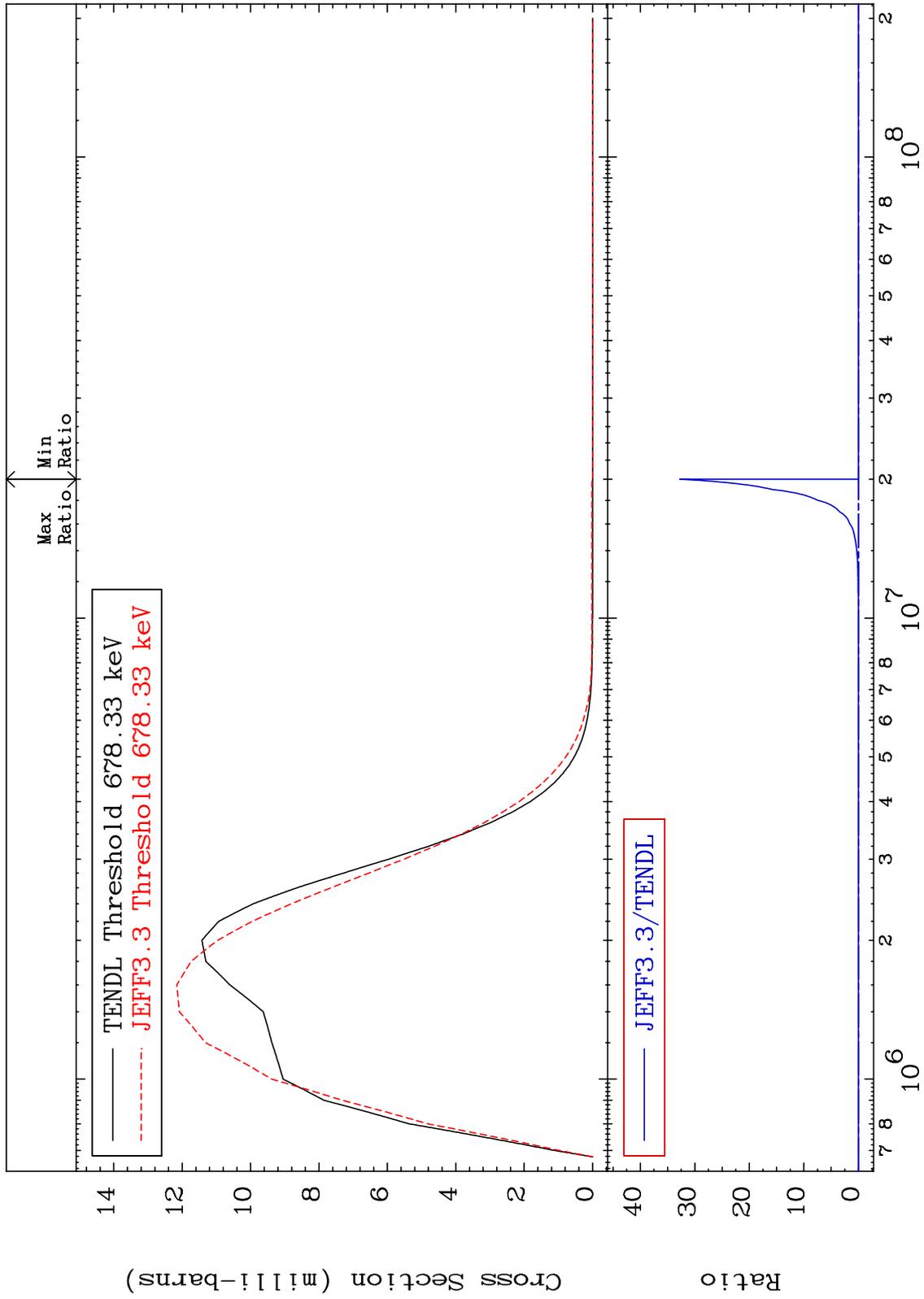
MAT 4325 MT= 59 (n,n') Level Cross Section -100.0 To 9.053 % 43-Tc-99



MAT 4325

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

43-Tc-99
-100.0 To 9999. %



22

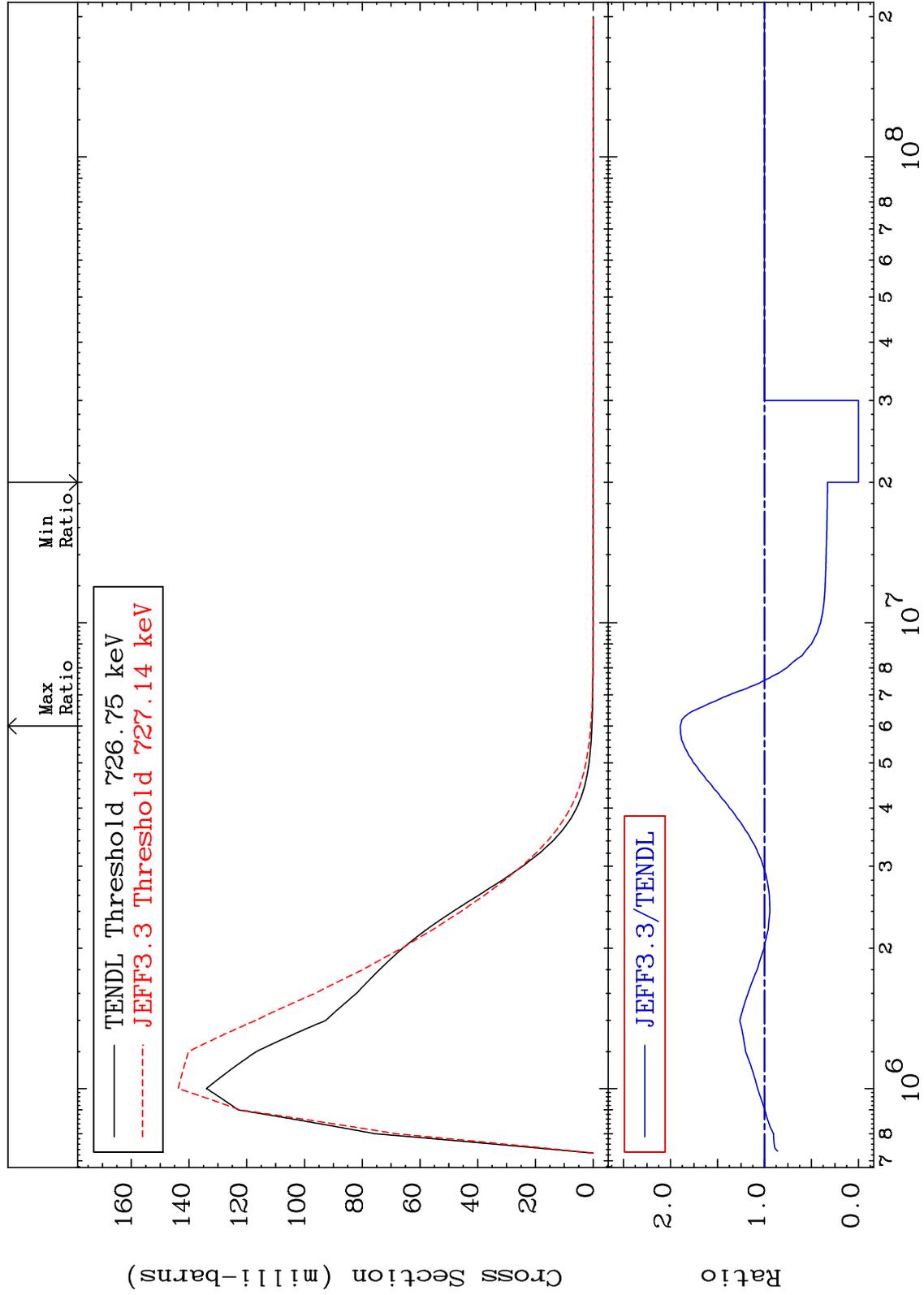
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99
-100.0 To 89.44 %



Incident Energy (eV)

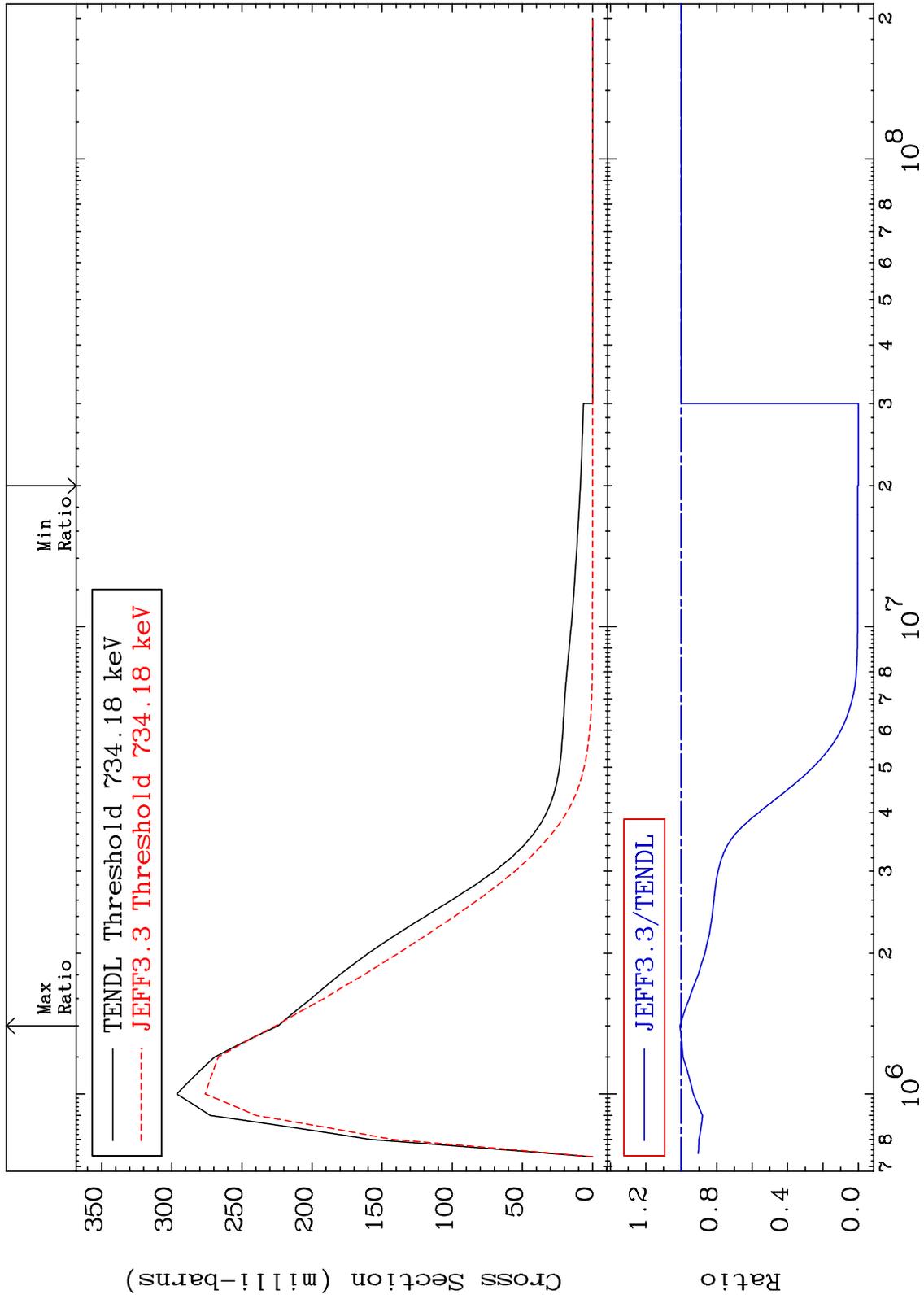
43-Tc-99

23

MAT 4325

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

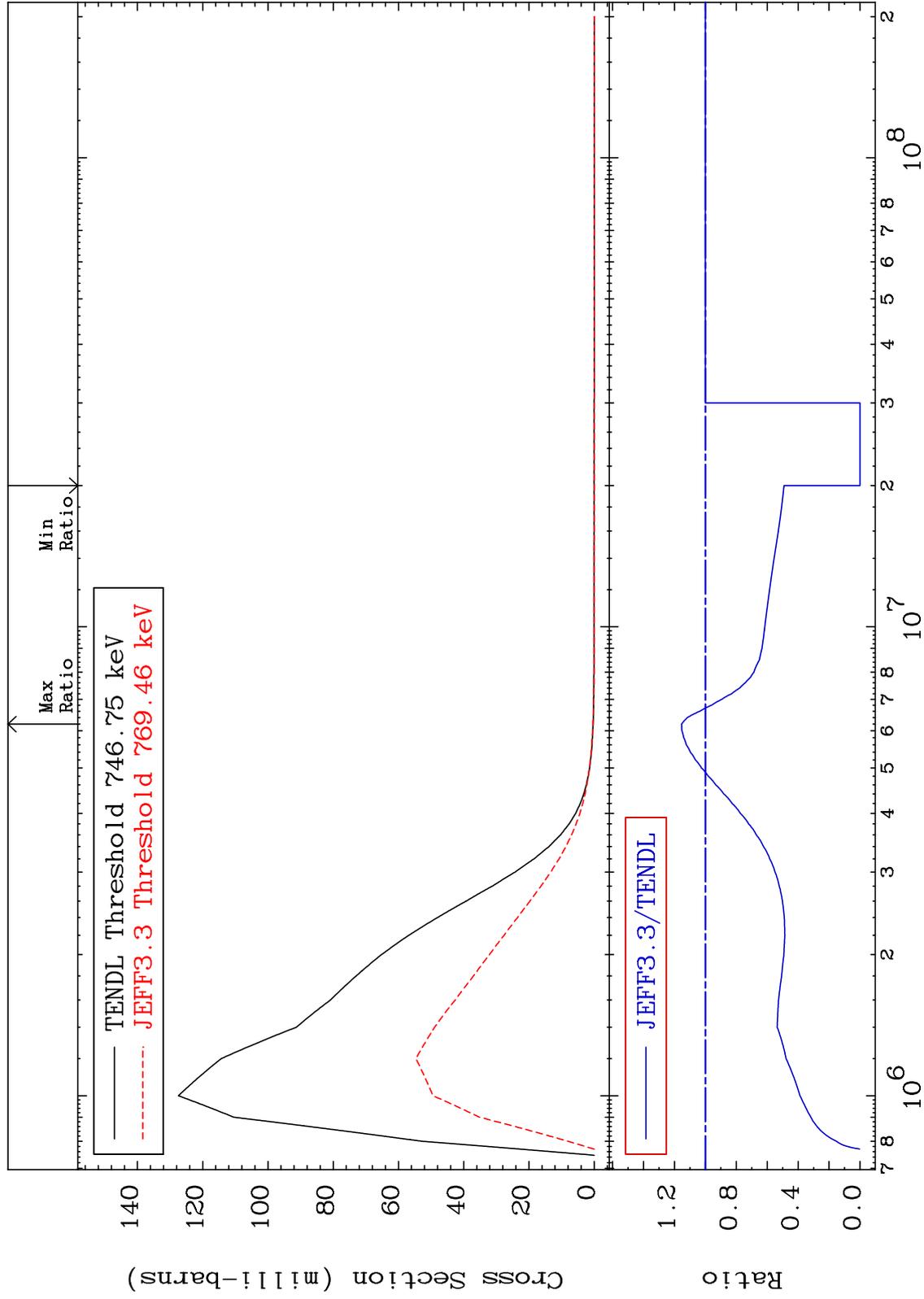
43-Tc-99
-100.0 To 0.751 %



MAT 4325

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

43-Tc-99
-100.0 To 15.40 %



25

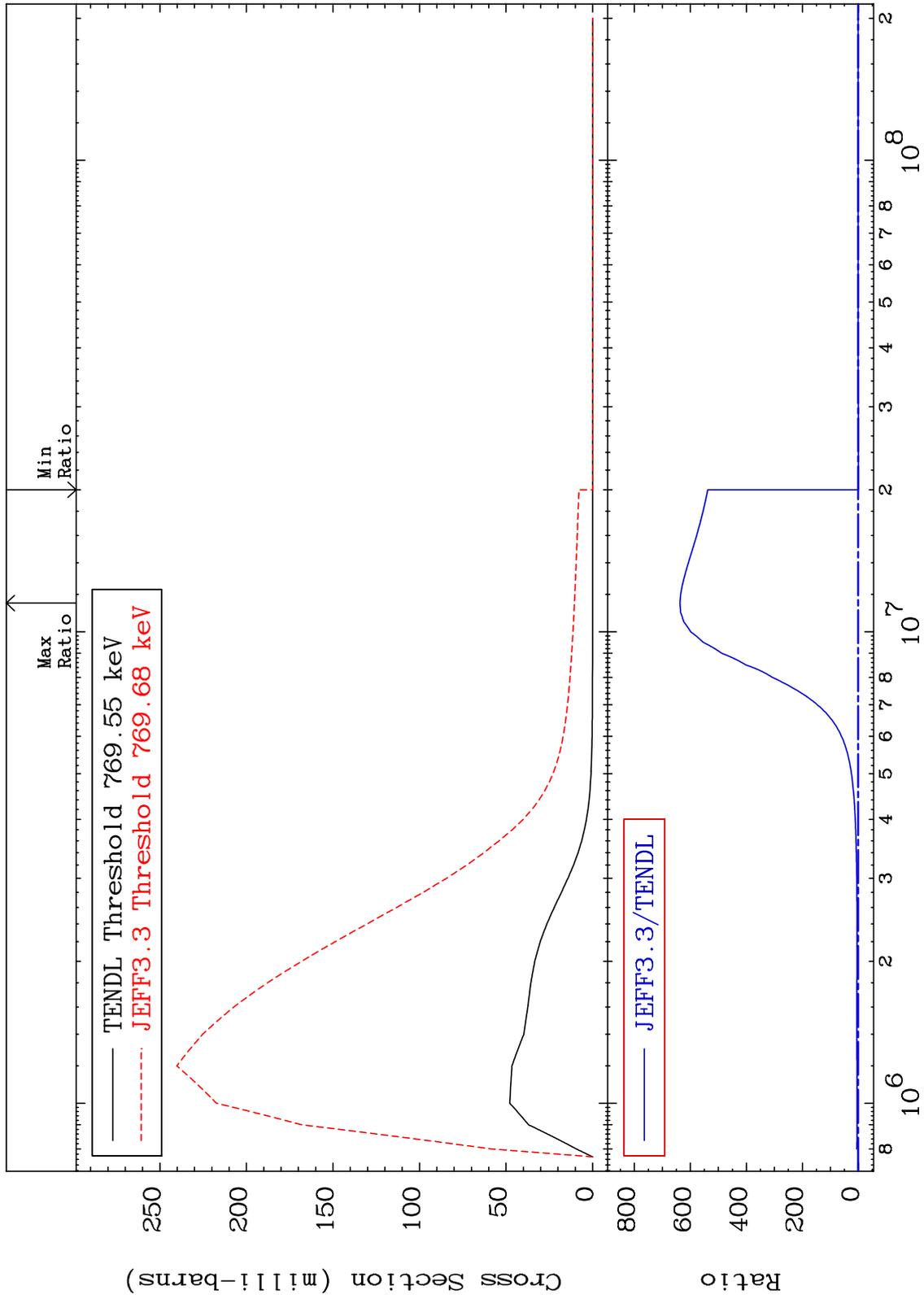
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99
-100.0 To 9999. %



26

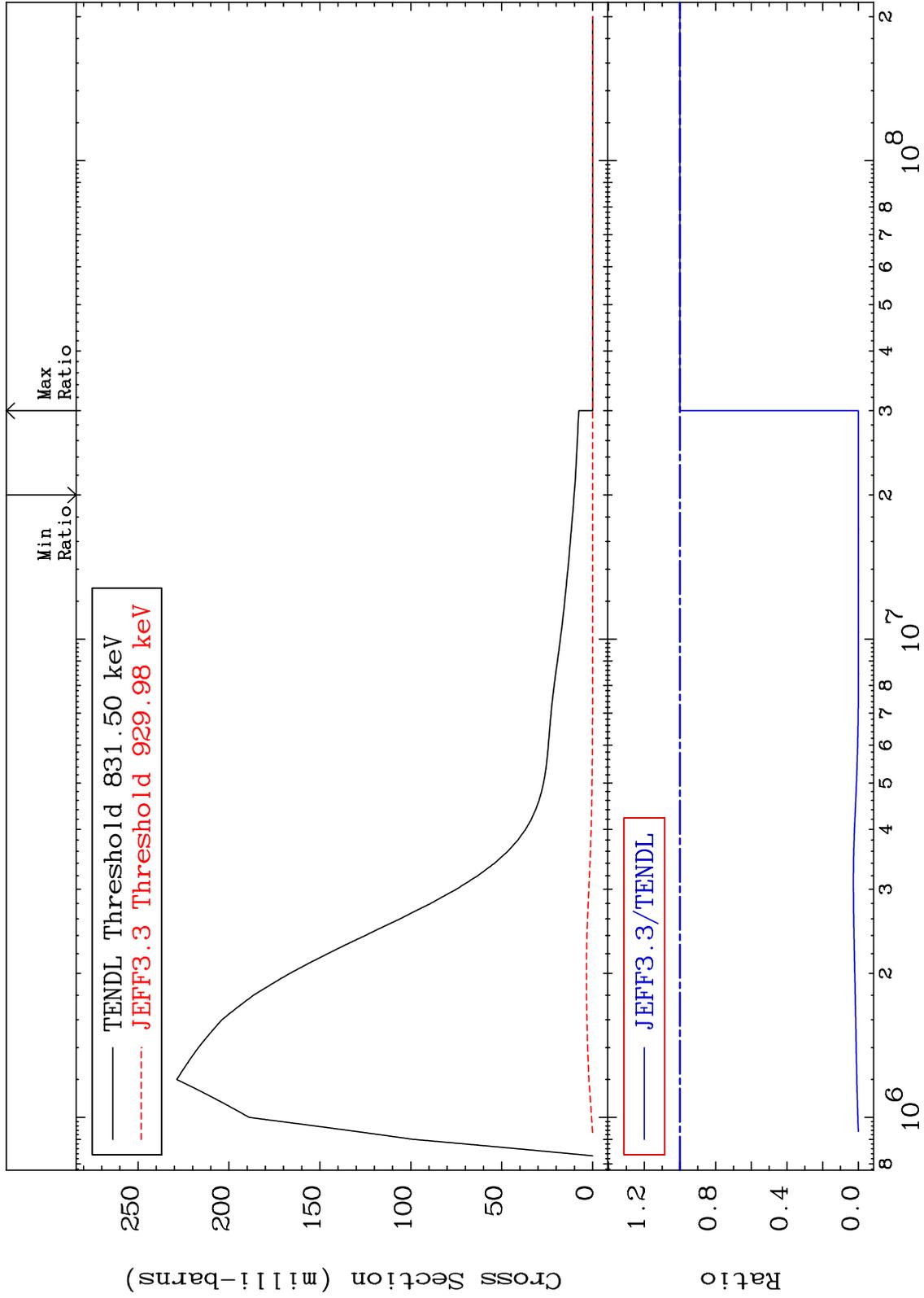
Incident Energy (eV)

43-Tc-99

MAT 4325

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

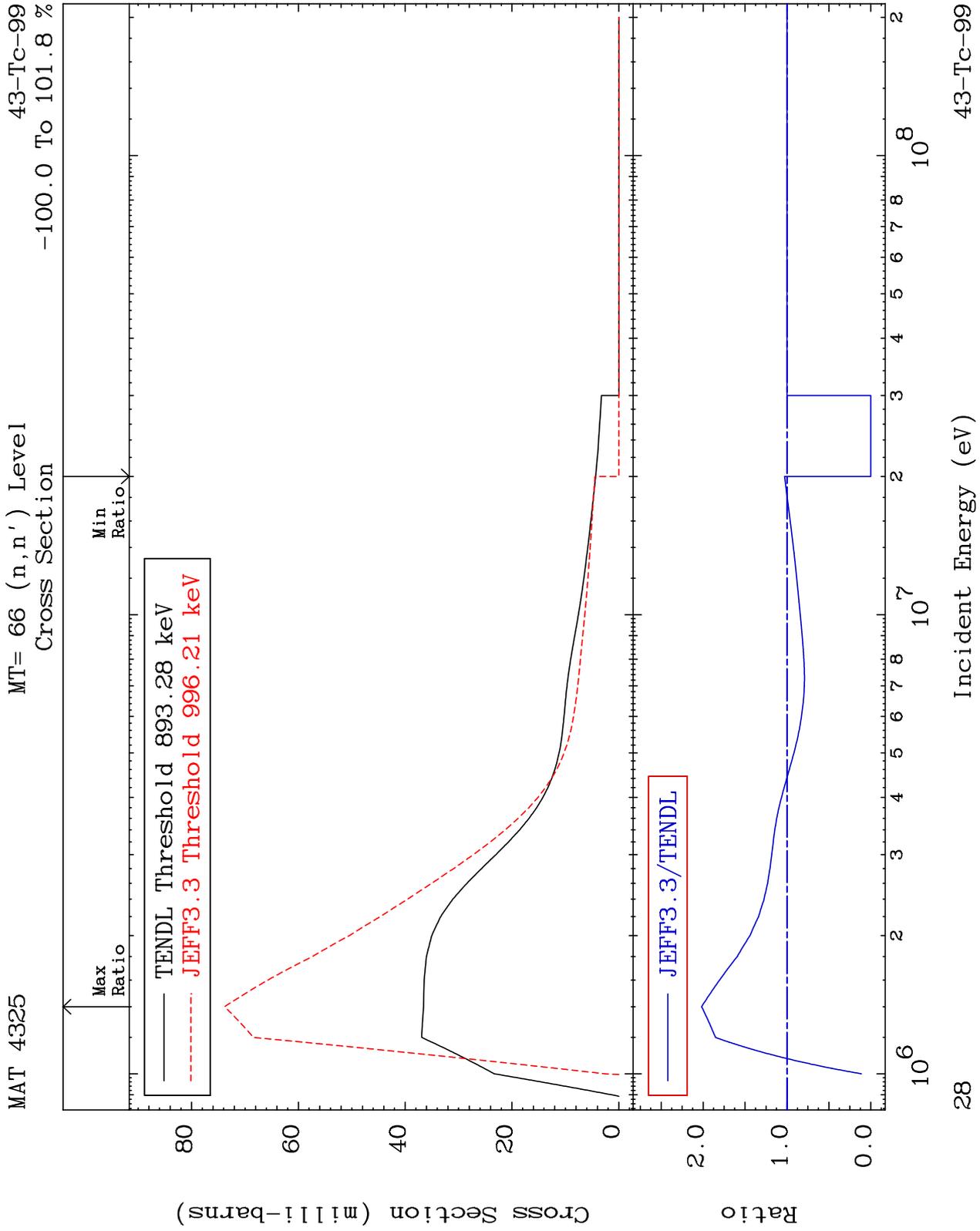
43-Tc-99
-100.0 To 0.000 %



27

Incident Energy (eV)

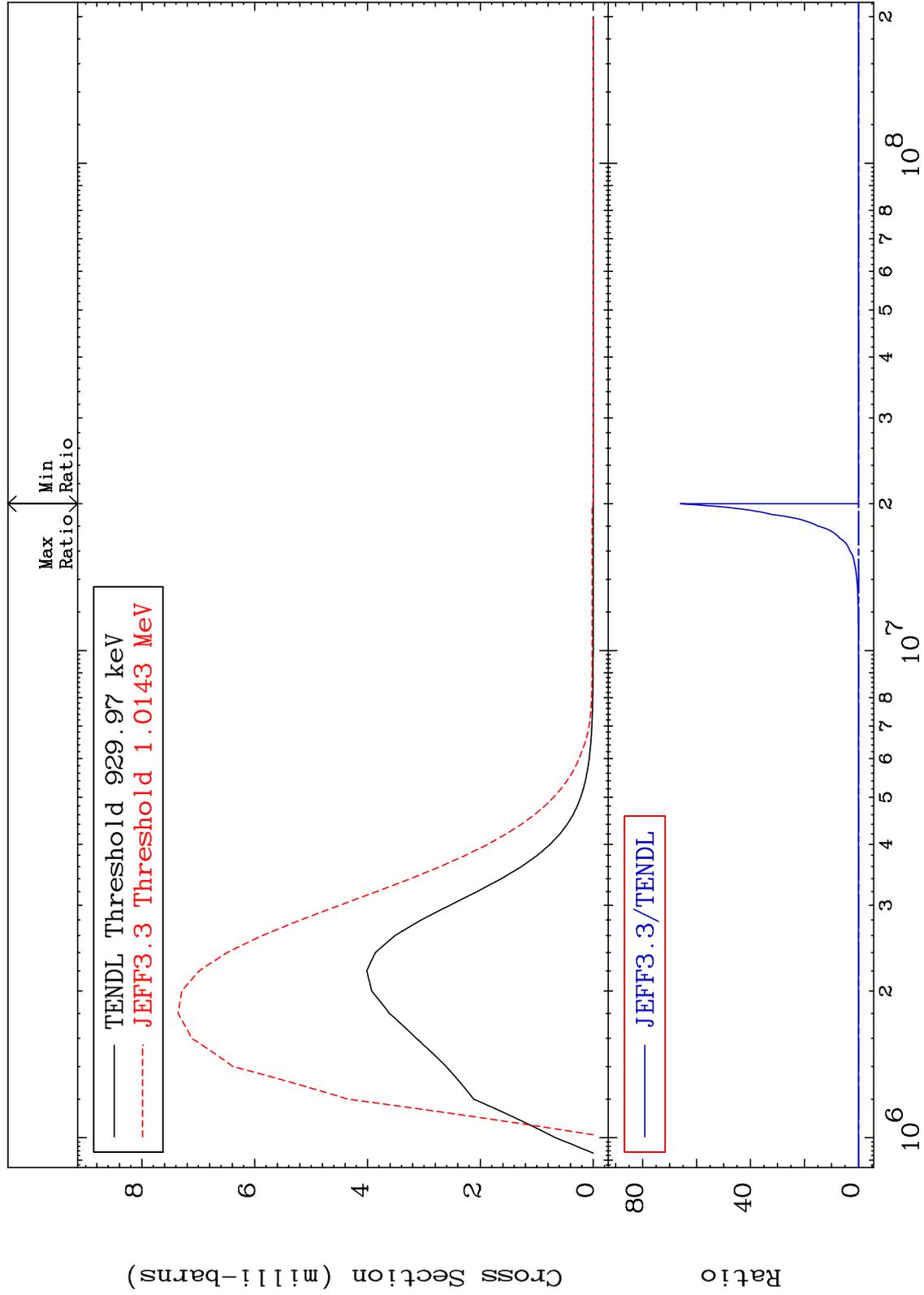
43-Tc-99



MAT 4325

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

43-Tc-99
-100.0 To 9999. %



29

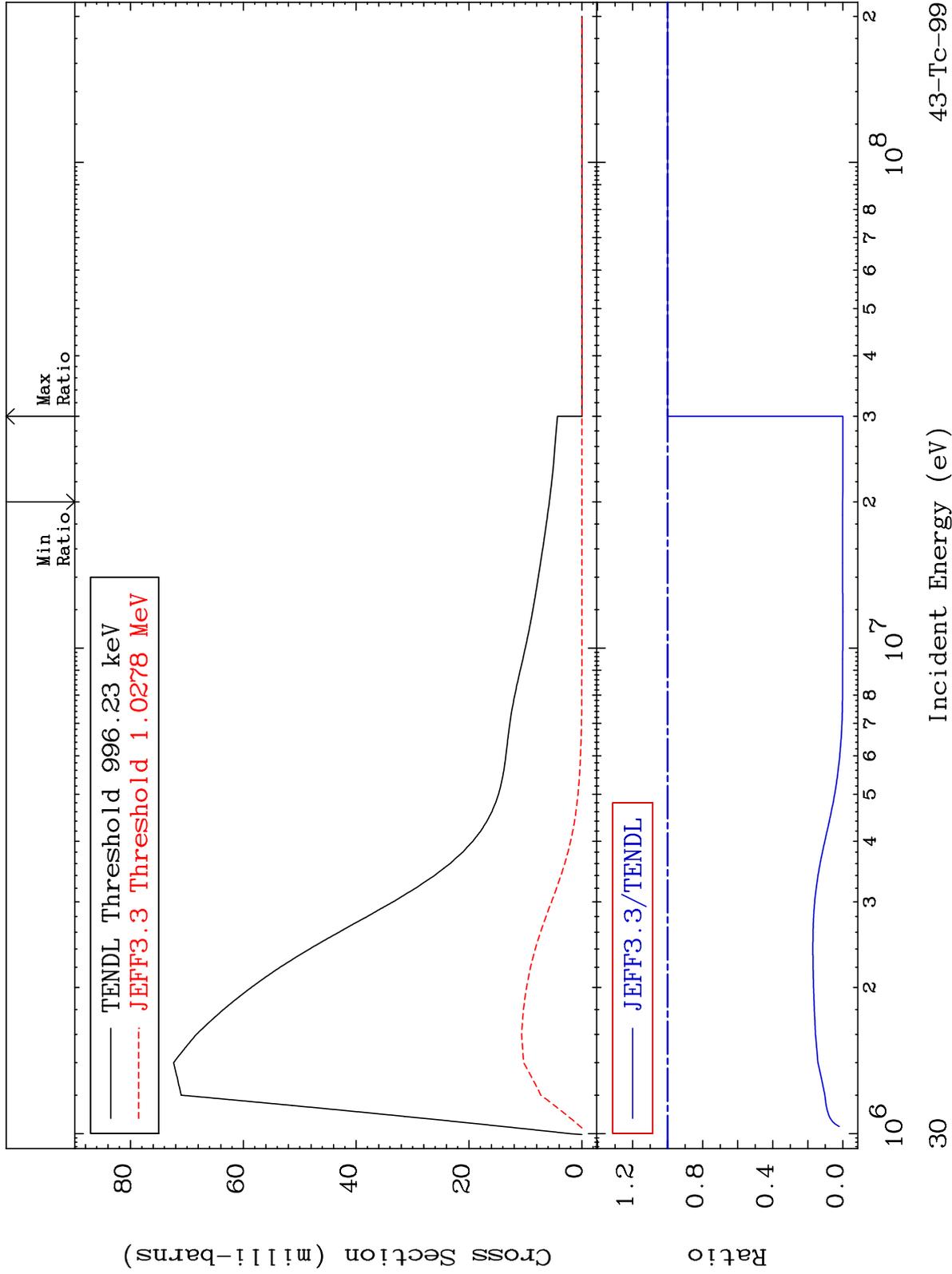
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99
-100.0 To 0.000 %

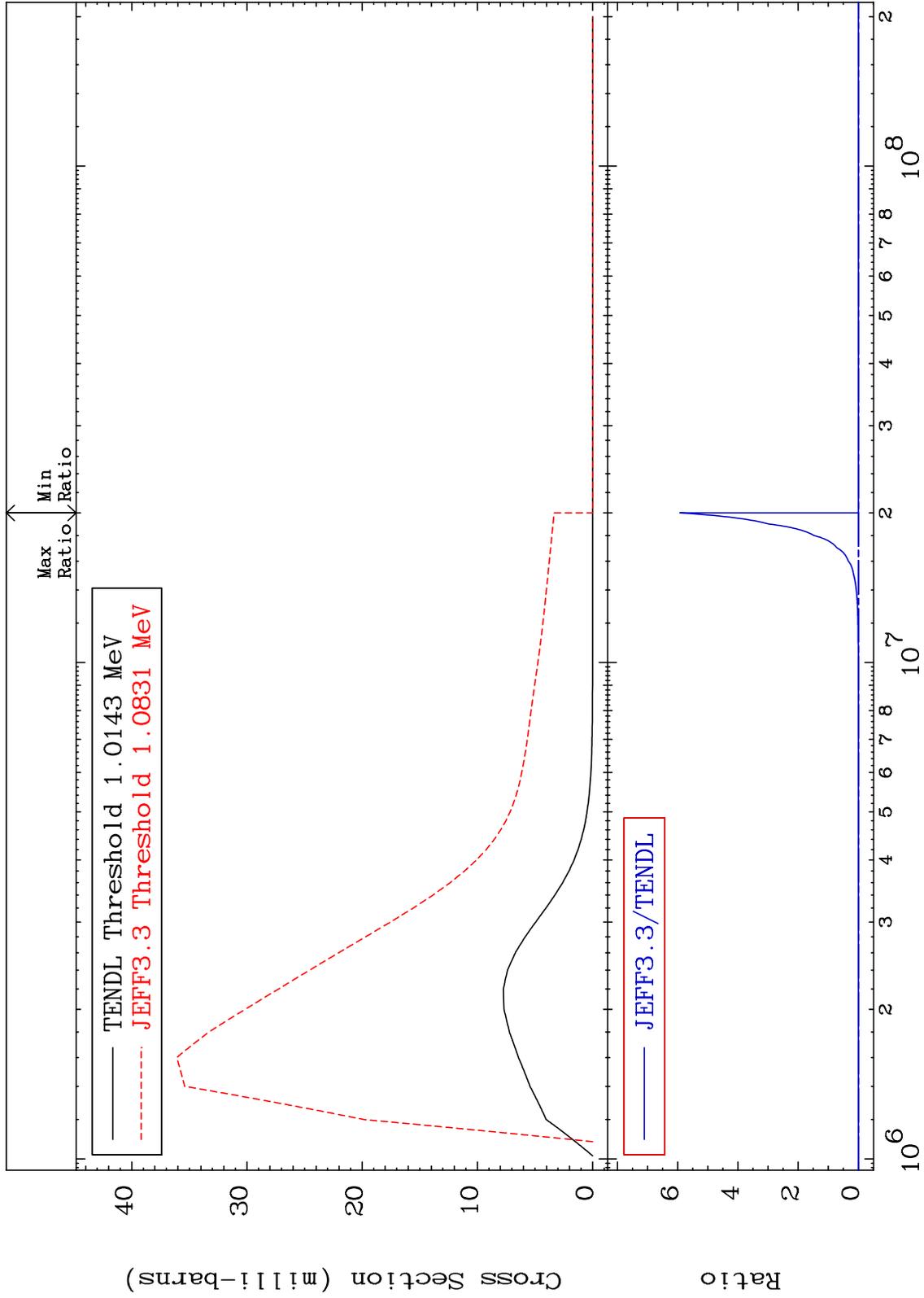


43-Tc-99

MAT 4325

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

43-Tc-99
-100.0 To 9999. %



31

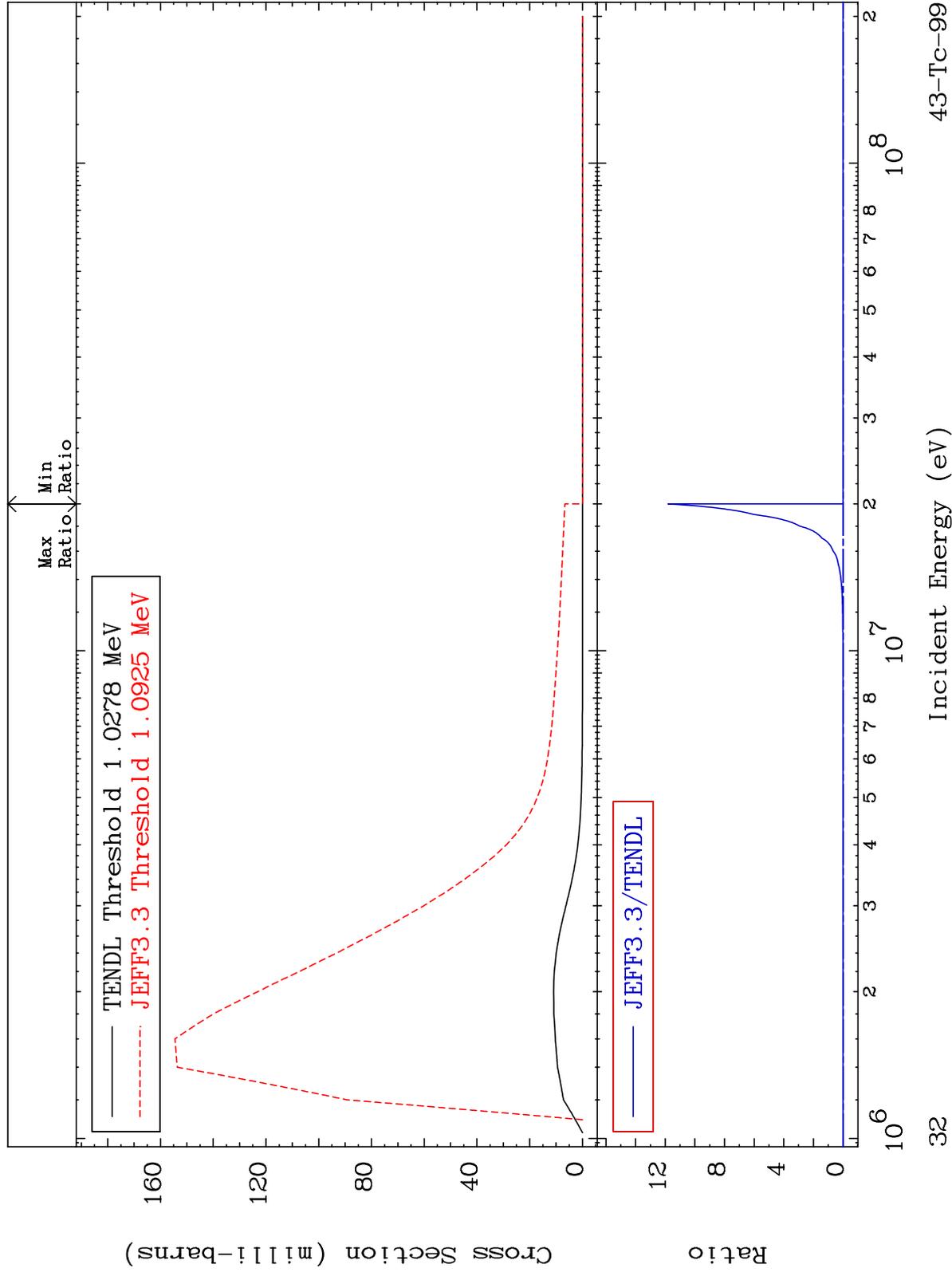
Incident Energy (eV)

43-Tc-99

MAT 4325

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

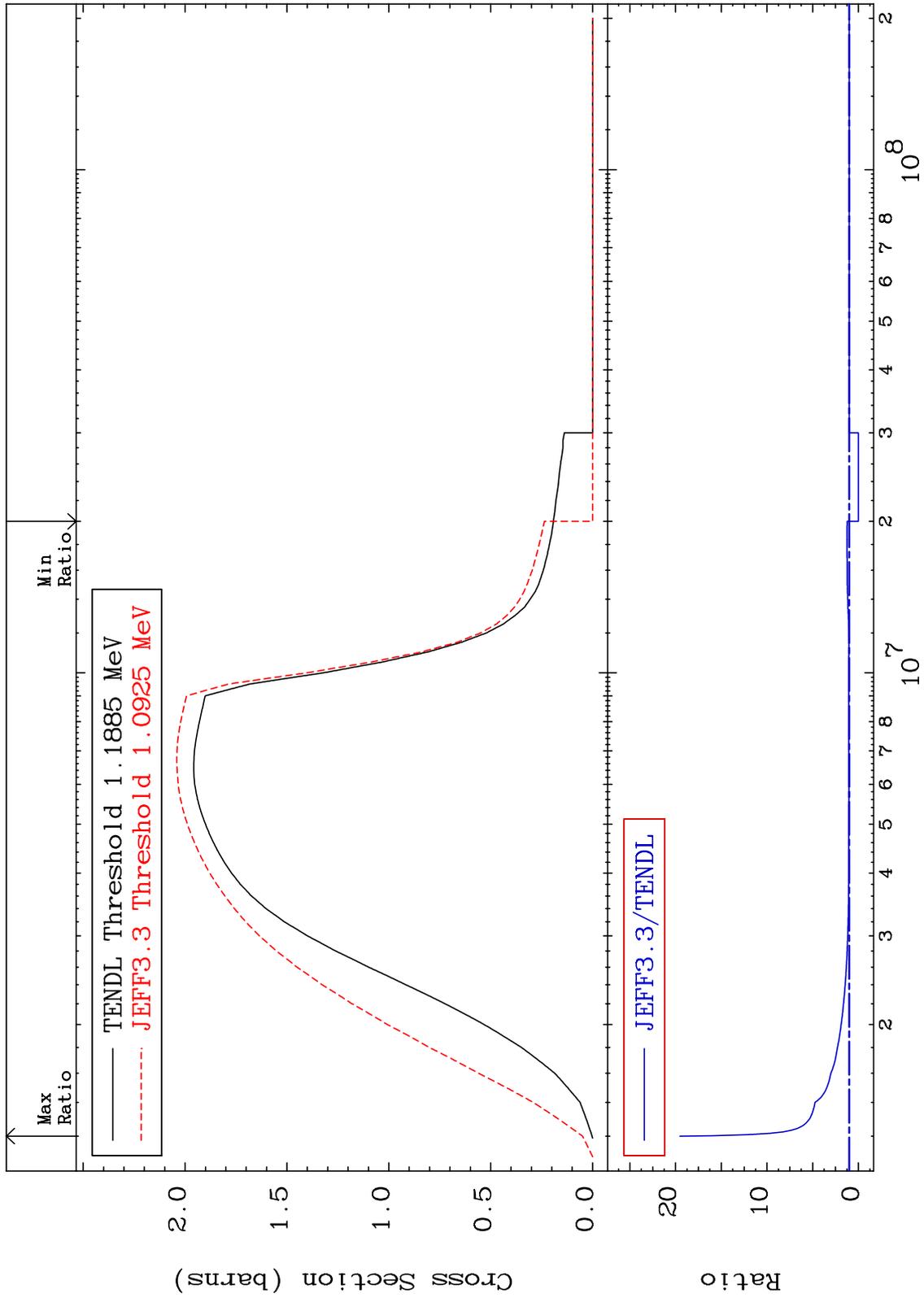
43-Tc-99
-100.0 To 9999. %



32

43-Tc-99

MAT 4325 (n, n') Continuum Cross Section 43-Tc-99 -100.0 To 1852. %

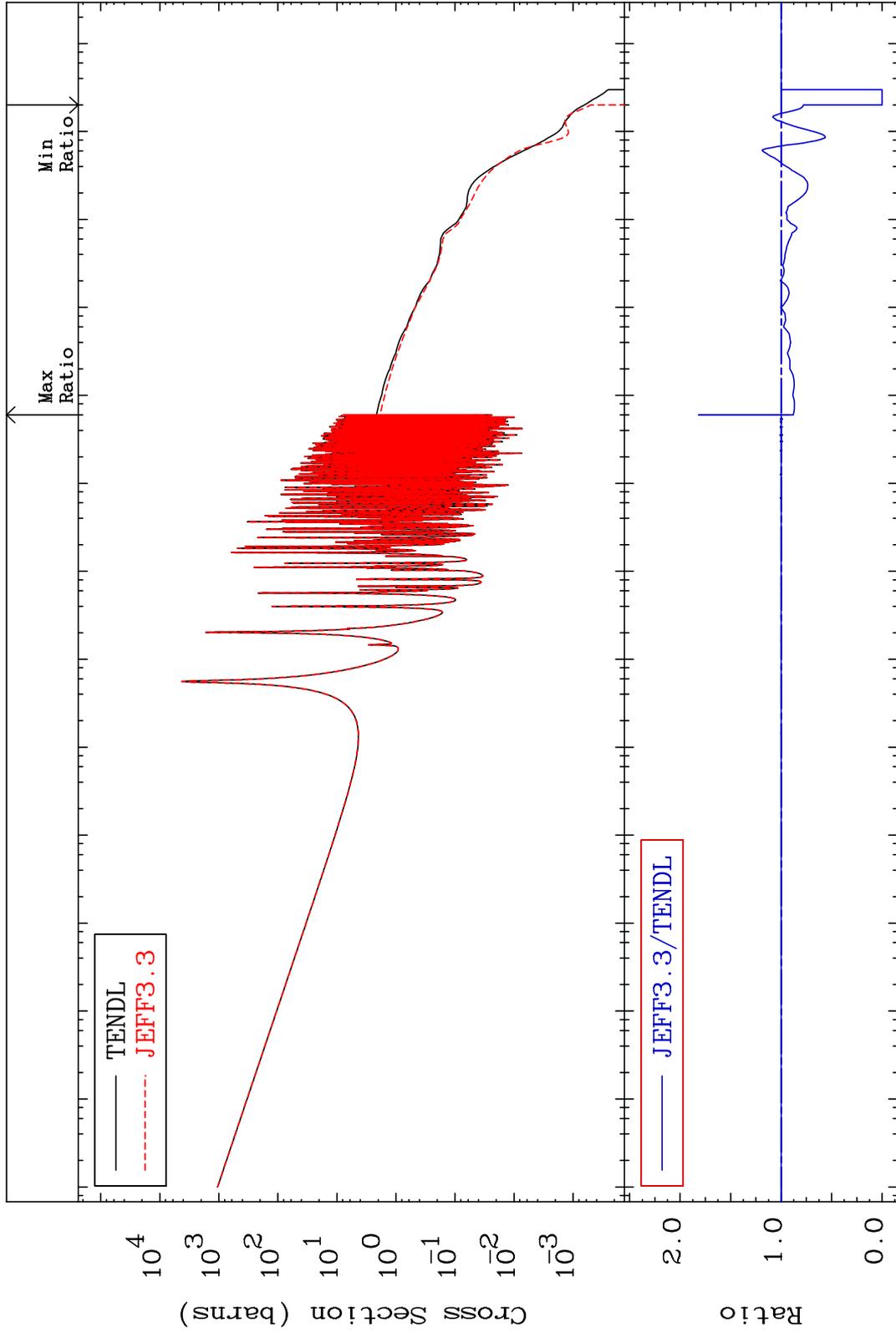


MAT 4325

43-Tc-99

(n, γ)
Cross Section

-100.0 To 81.60 %



Incident Energy (eV)

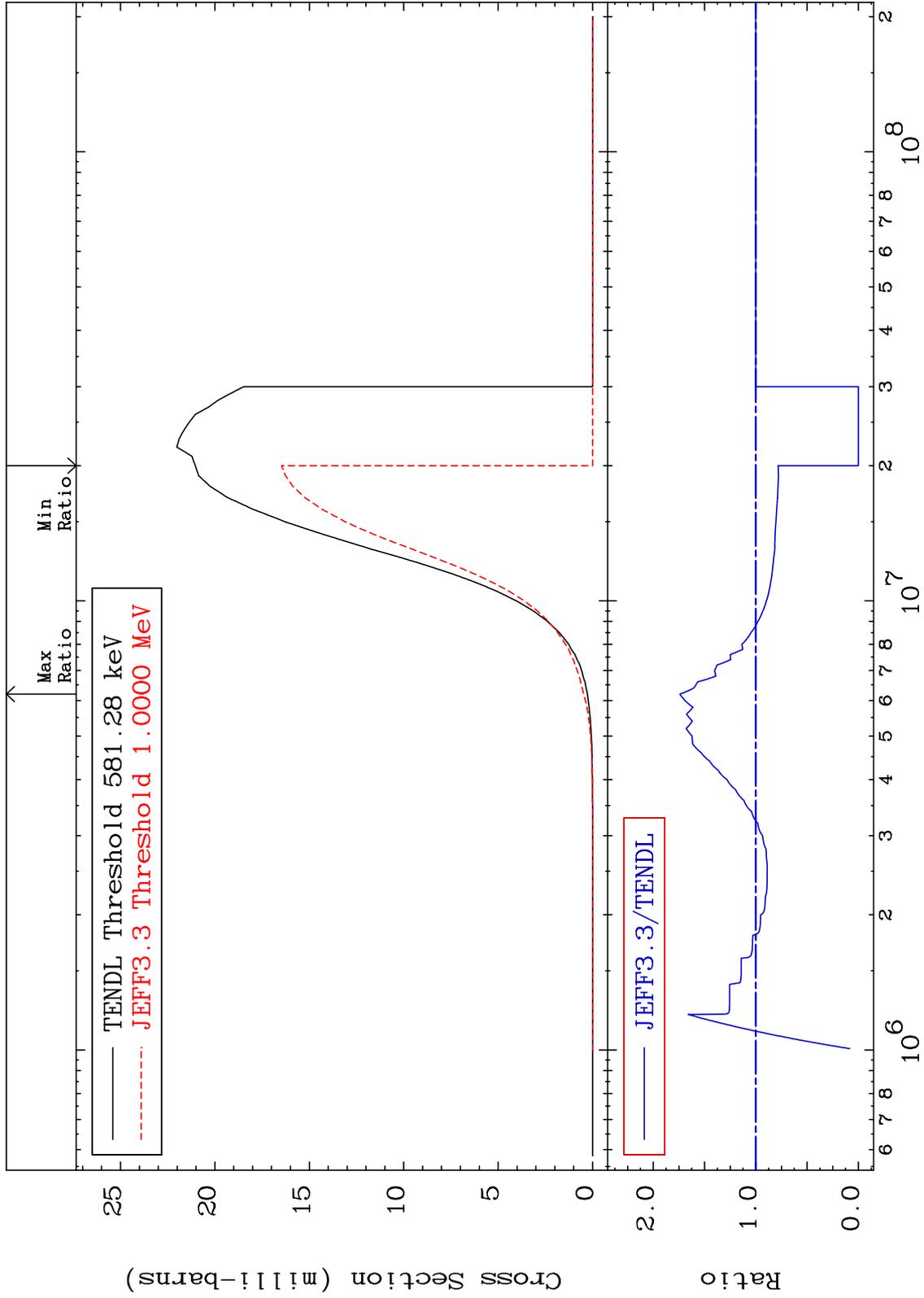
43-Tc-99

MAT 4325

43-Tc-99

(n,p)
-100.0 To 74.02 %

Cross Section



35

Incident Energy (eV)

43-Tc-99

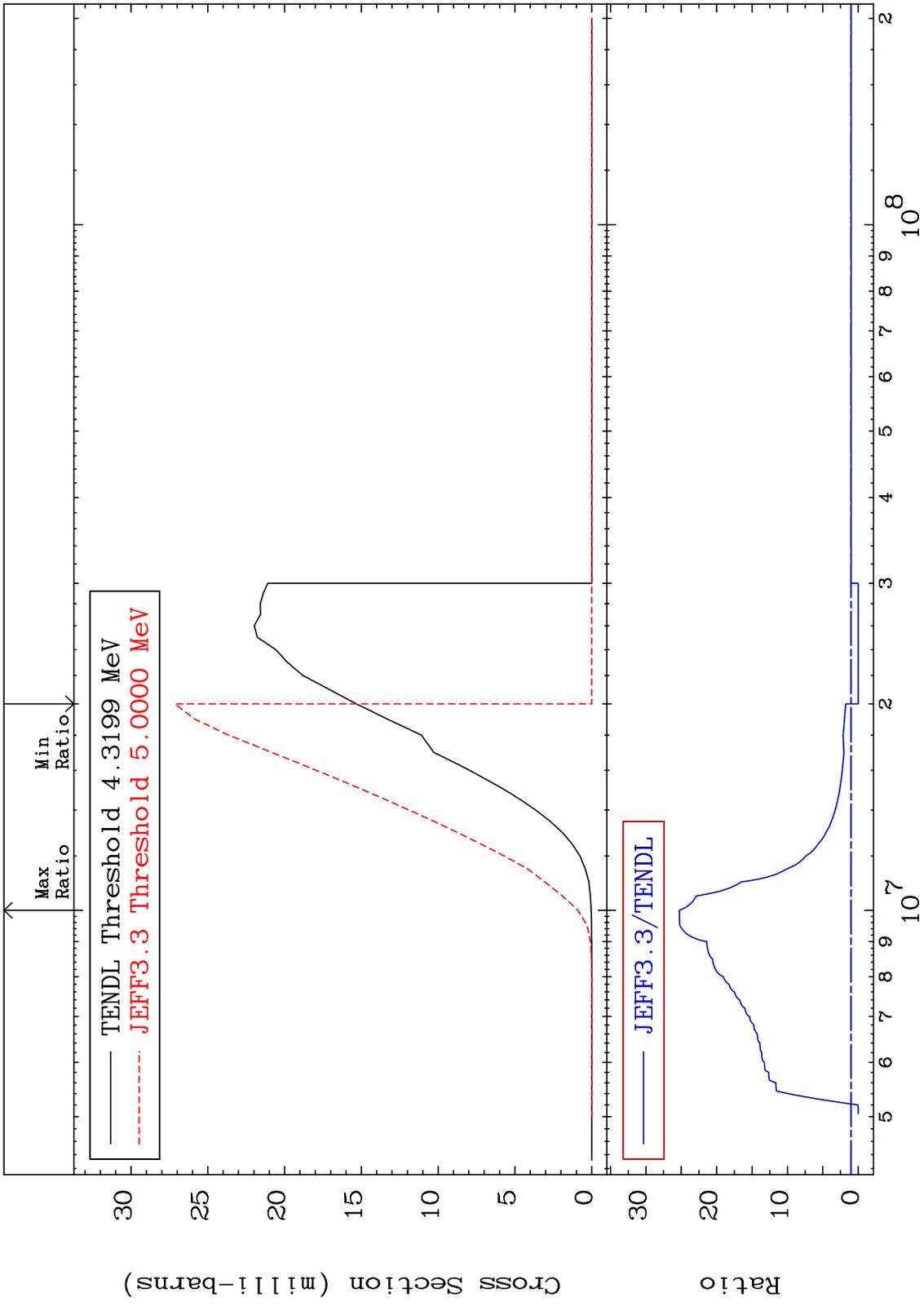
MAT 4325

(n, d)

43-Tc-99

-100.0 To 2428. %

Cross Section



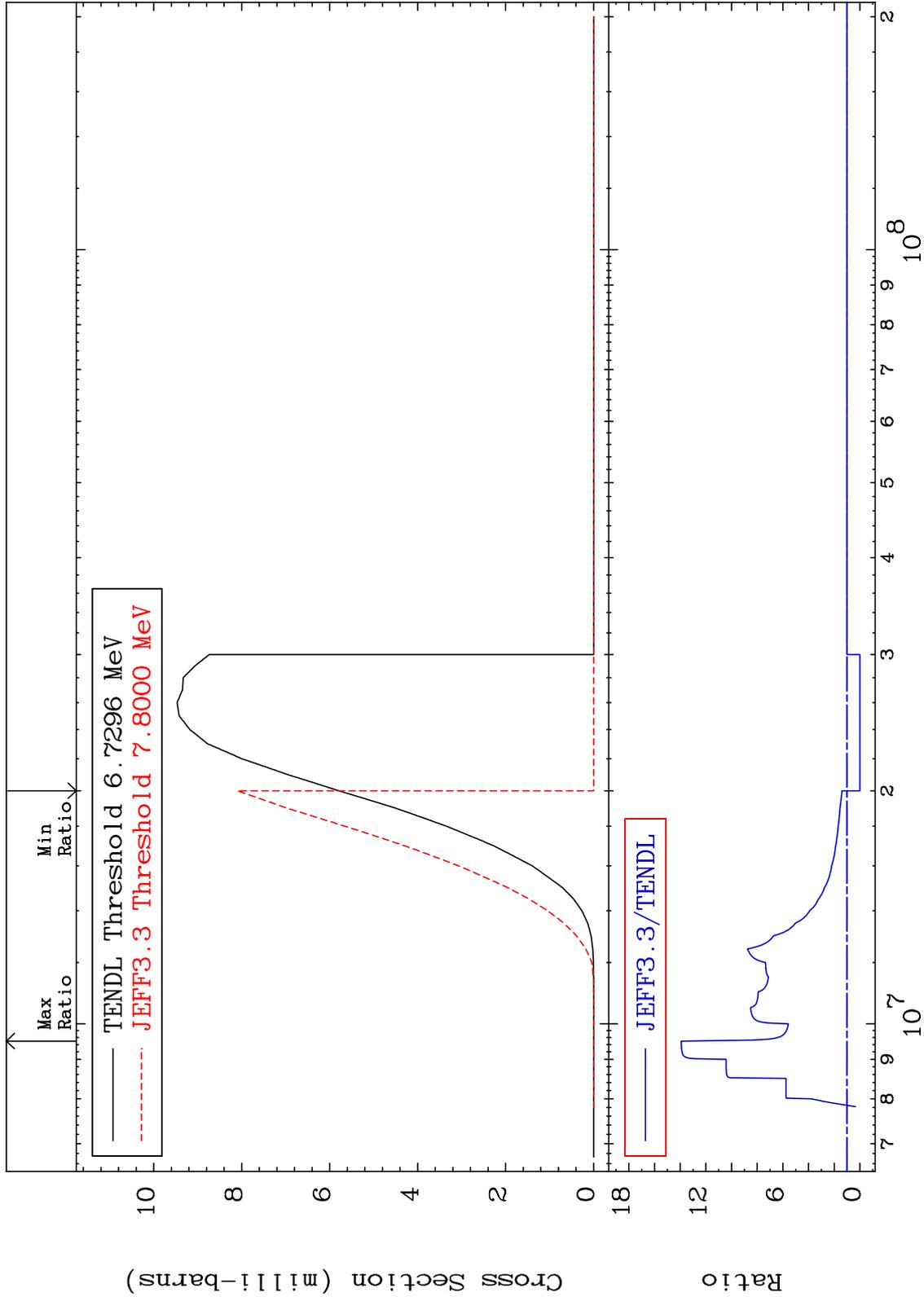
MAT 4325

(n, t)

43-Tc-99

Cross Section

-100.0 To 1293. %



37

Incident Energy (eV)

43-Tc-99

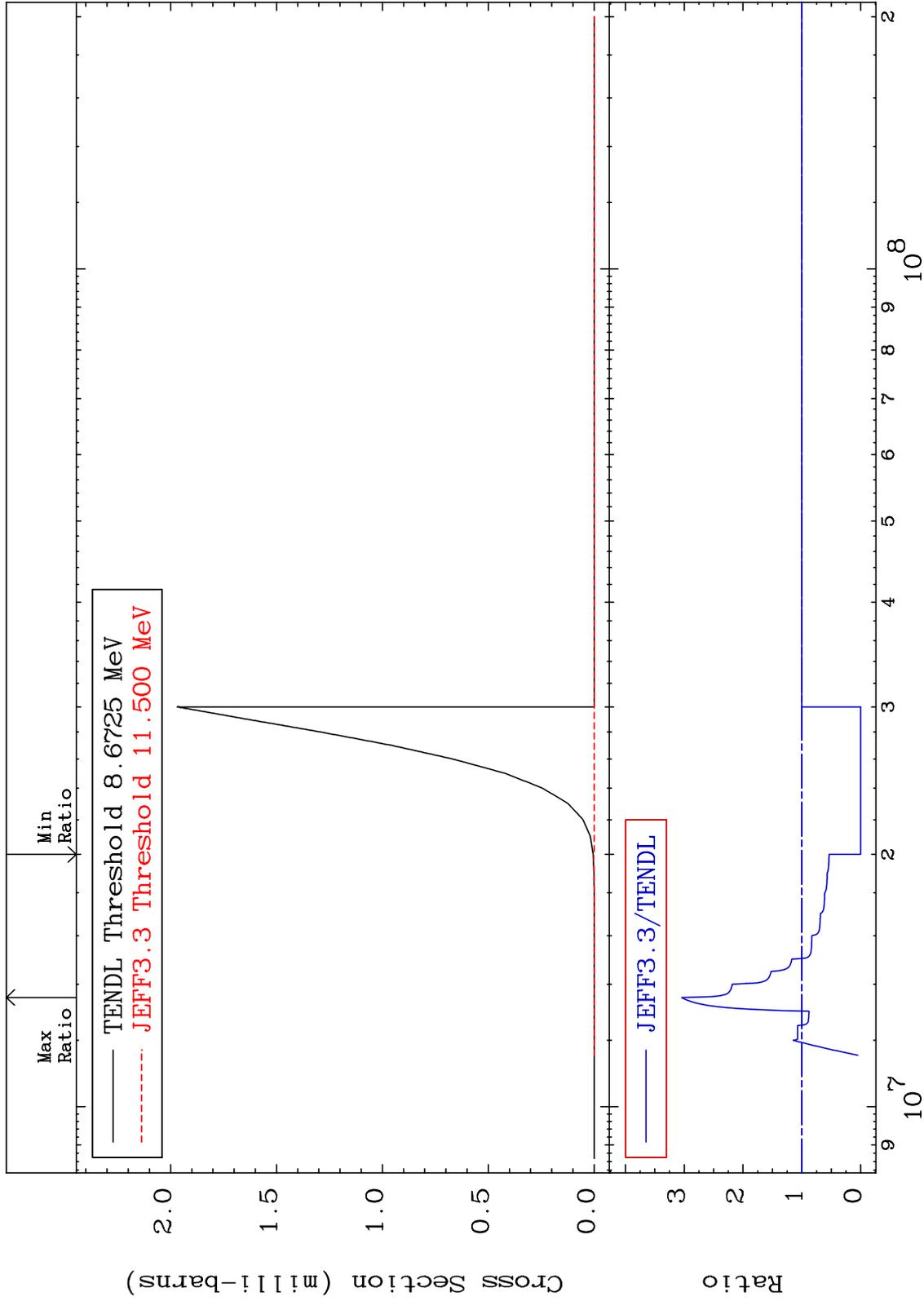
MAT 4325

(n, He-3)

43-Tc-99

Cross Section

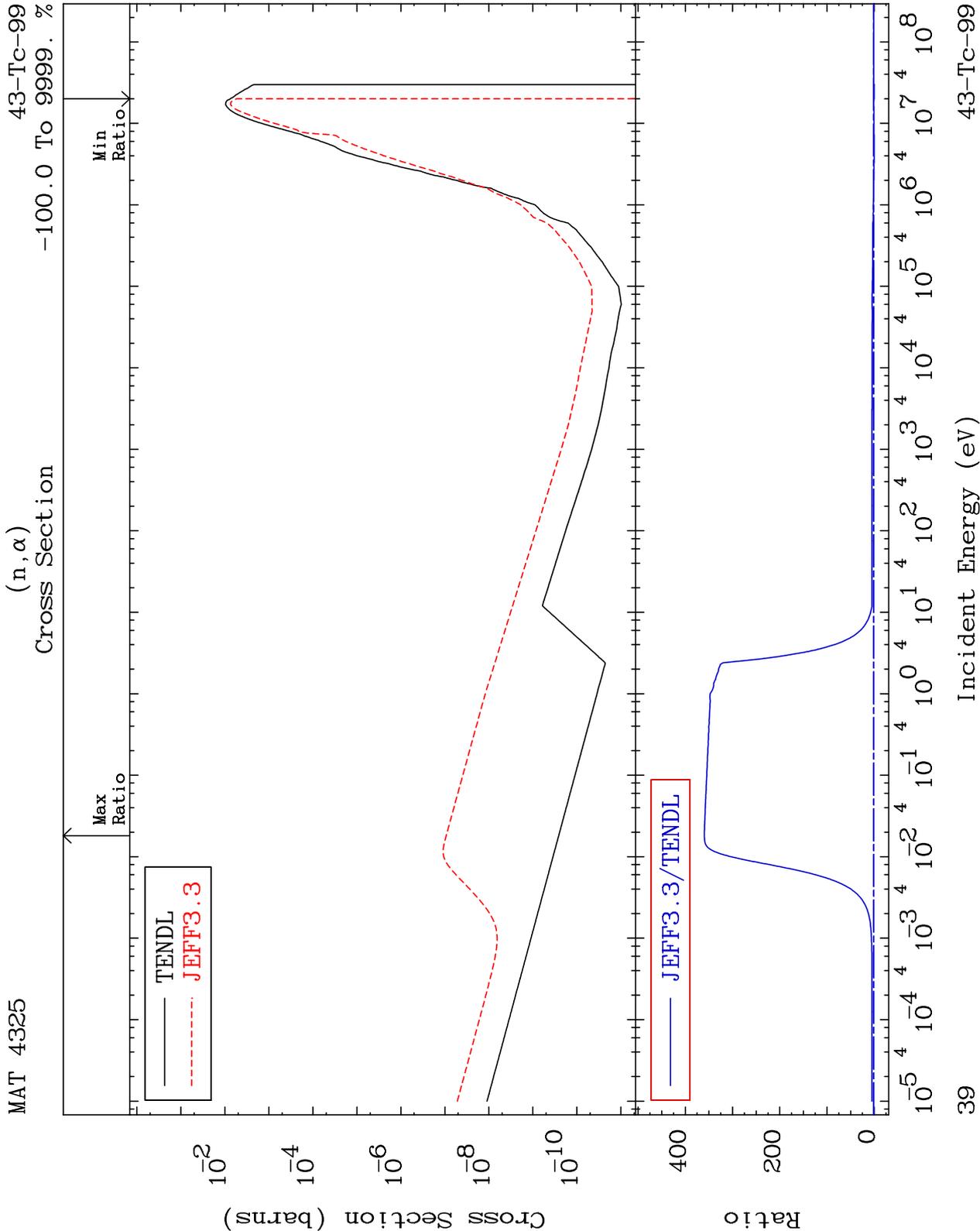
-100.0 To 204.2 %



38

Incident Energy (eV)

43-Tc-99



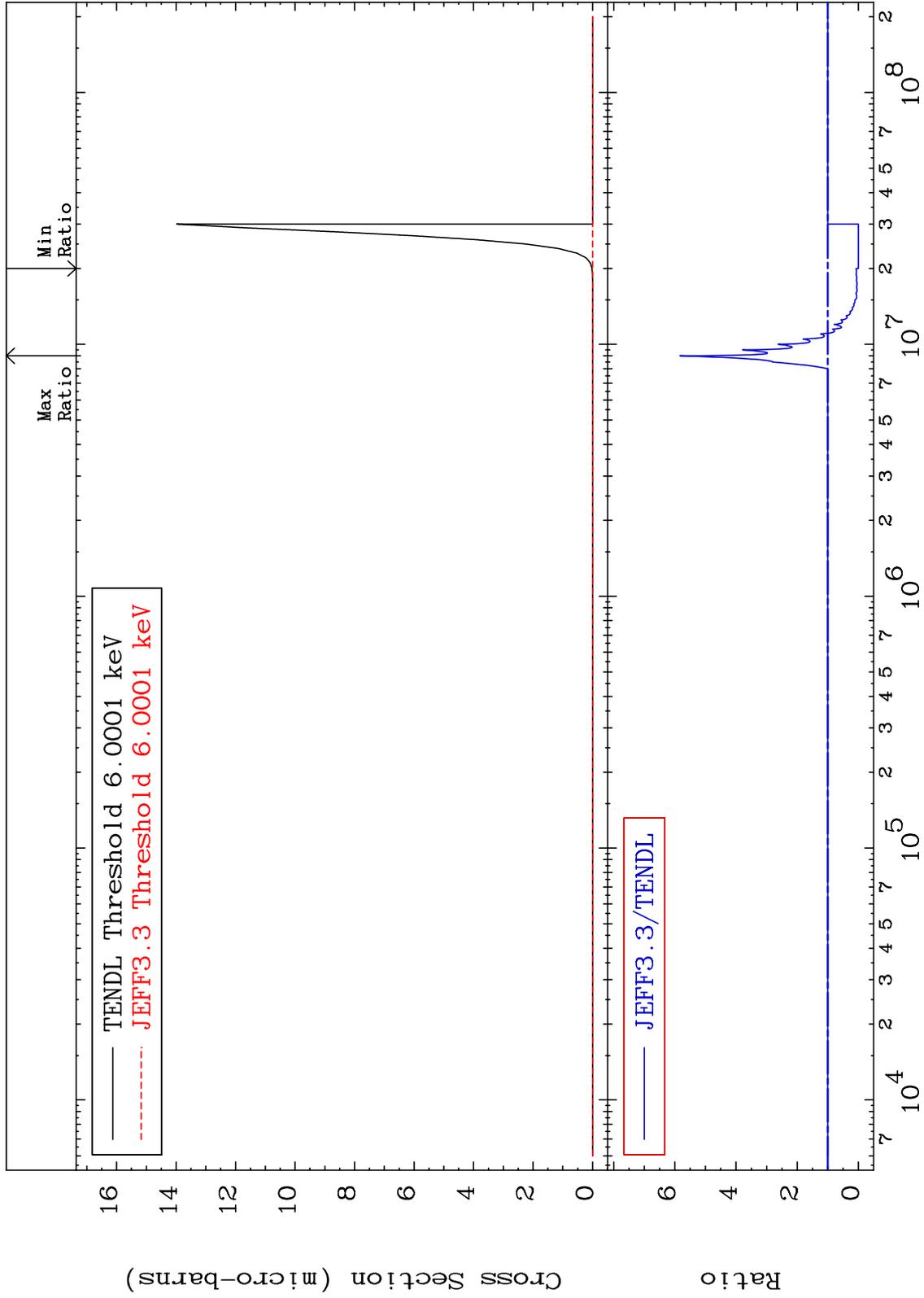
MAT 4325

(n, 2α)

43-Tc-99

Cross Section

-100.0 To 483.4 %



40

43-Tc-99

43-Tc-99

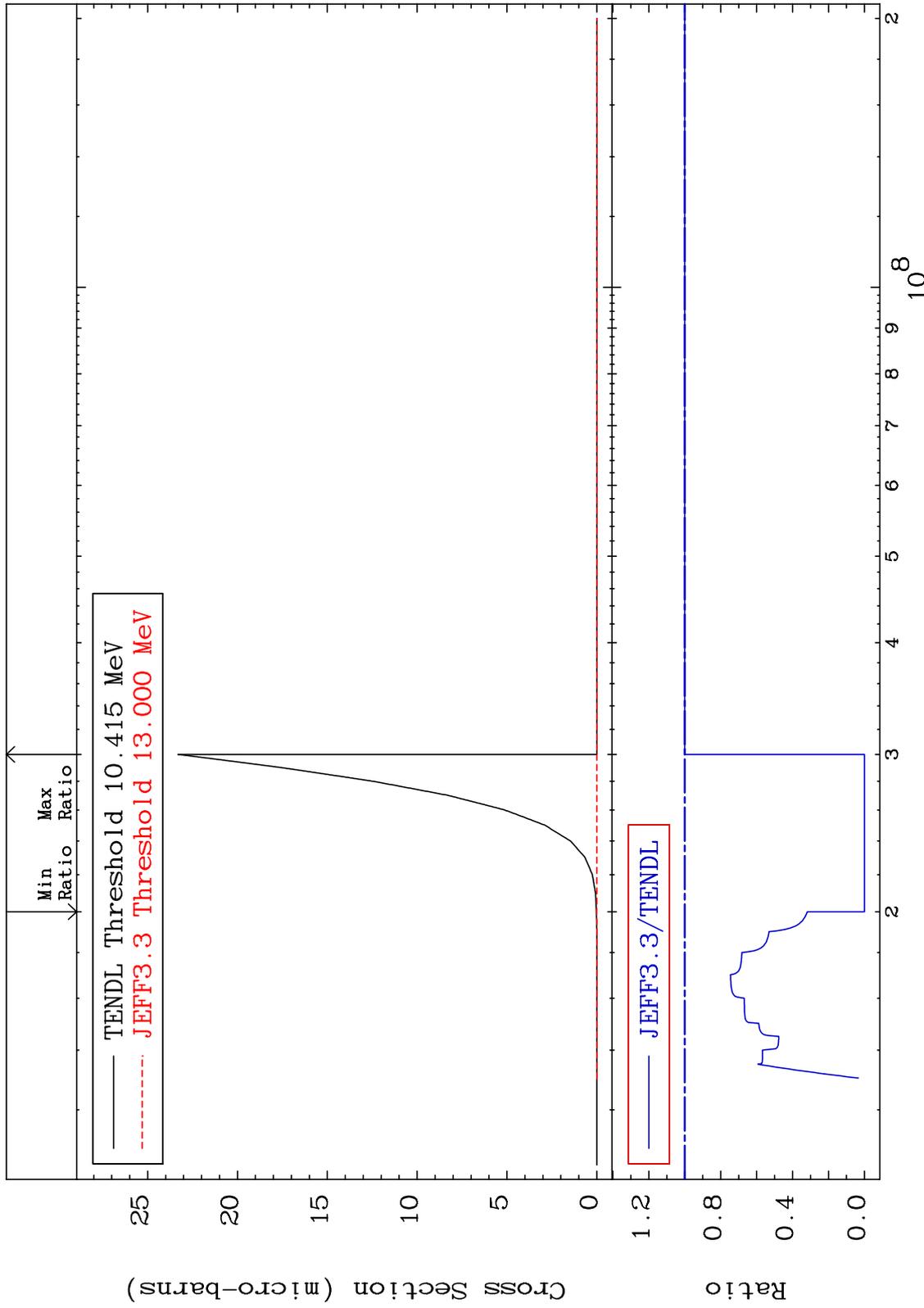
MAT 4325

(n,2p)

43-Tc-99

Cross Section

-100.0 To 0.000 %



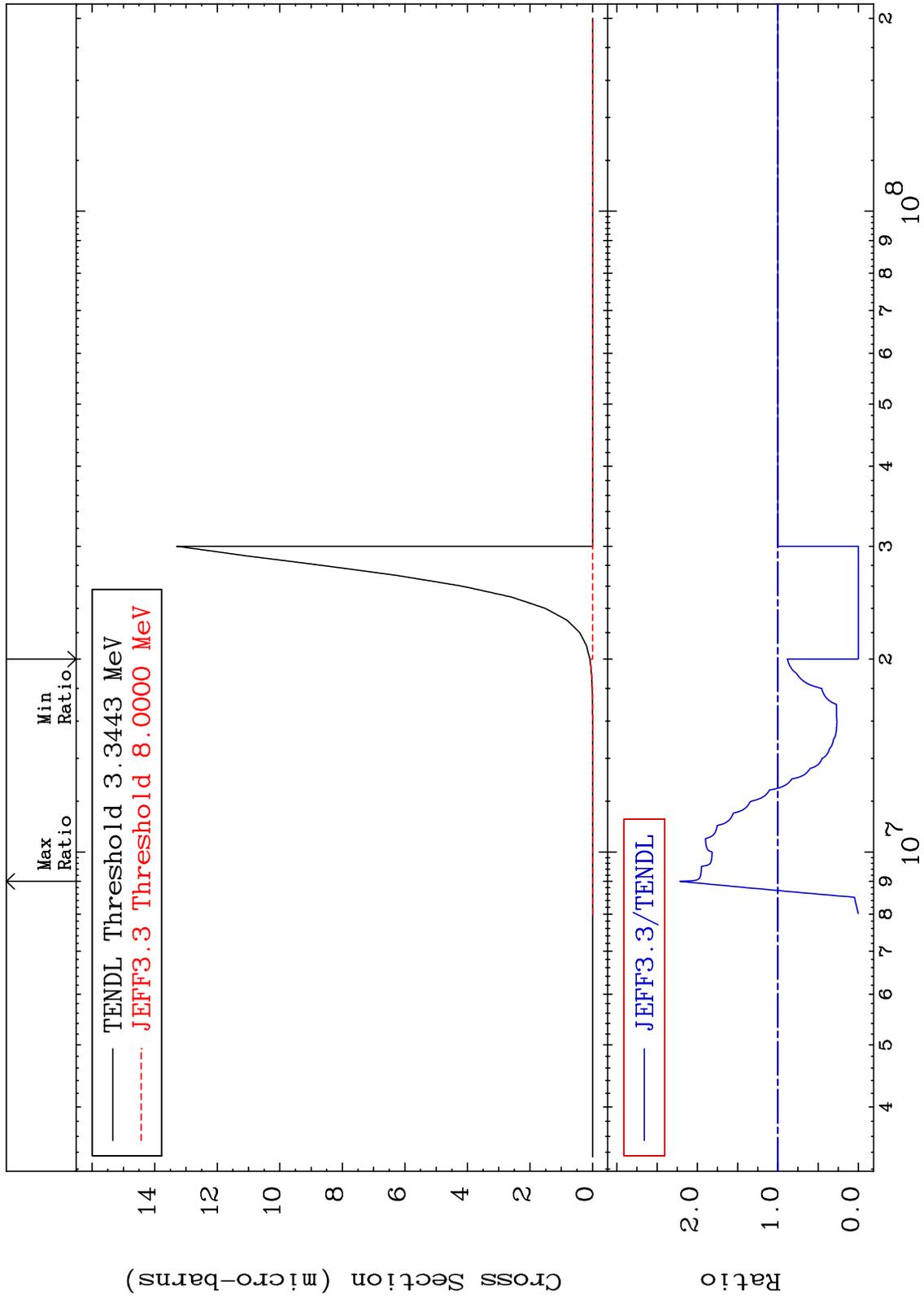
MAT 4325

(n,p) α

43-Tc-99

Cross Section

-100.0 To 121.6 %



42

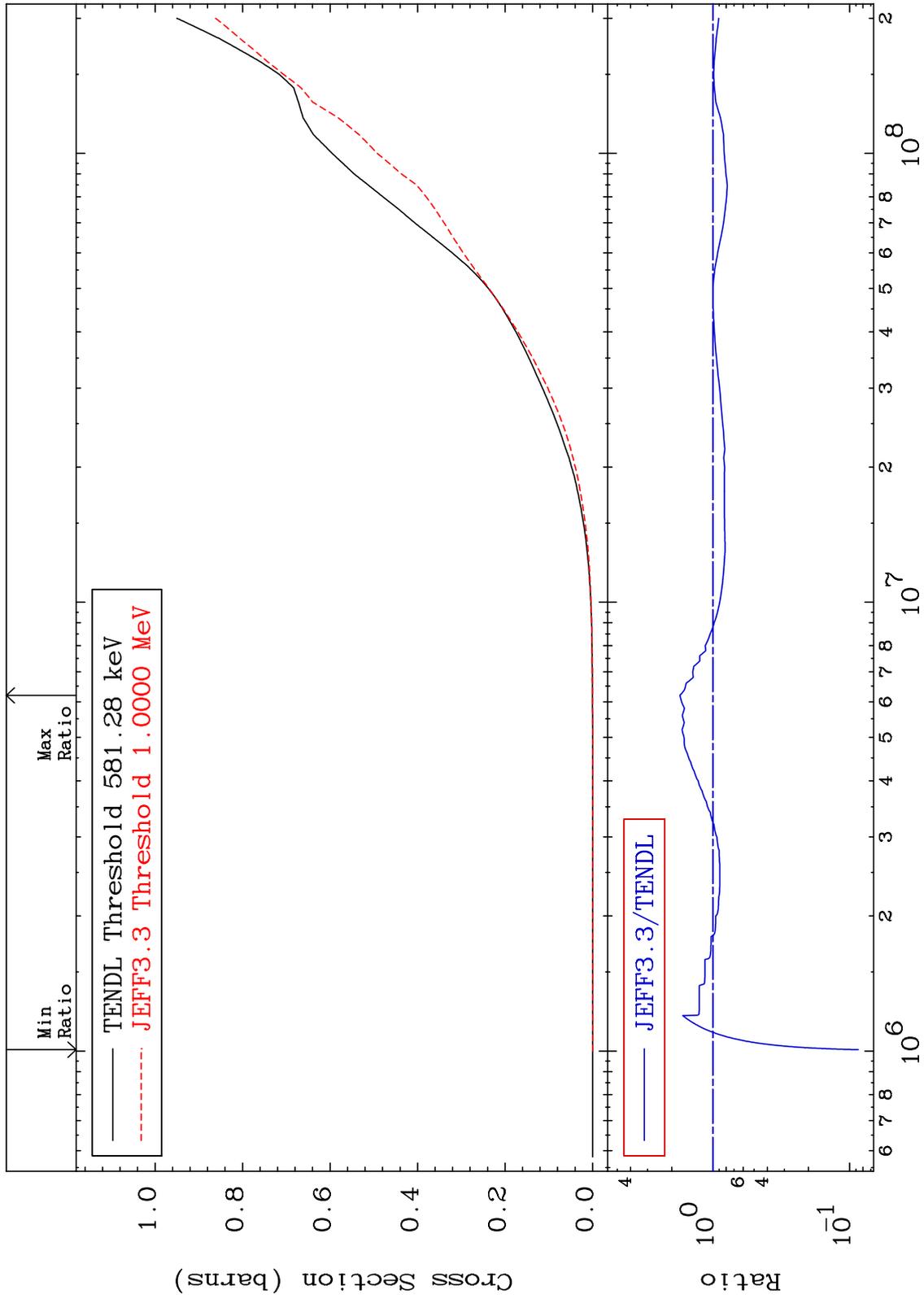
Incident Energy (eV)

43-Tc-99

MAT 4325

Hydrogen Production
Cross Section

43-Tc-99
-91.37 To 74.06 %



43

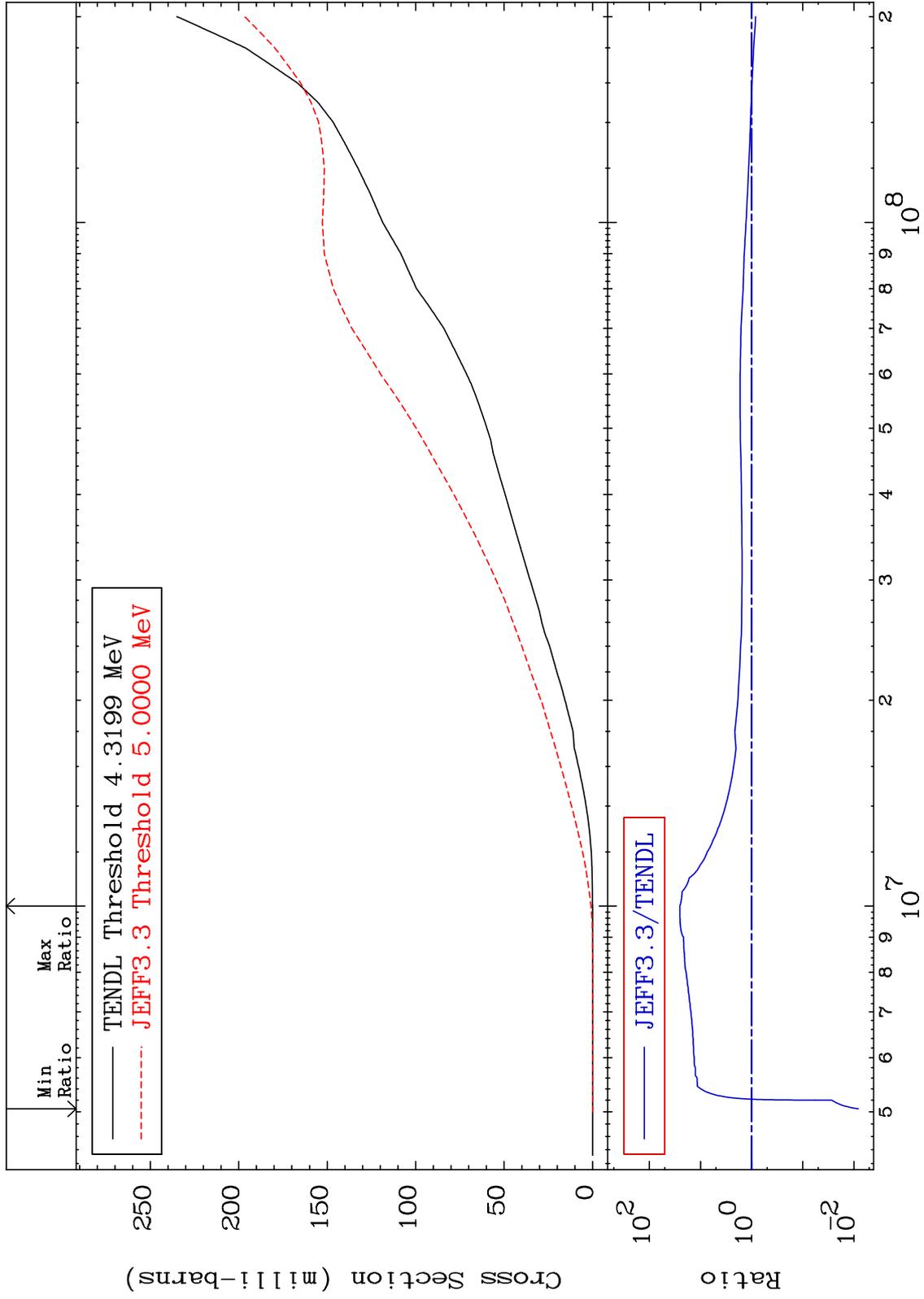
Incident Energy (eV)

43-Tc-99

MAT 4325

Deuterium Production
Cross Section

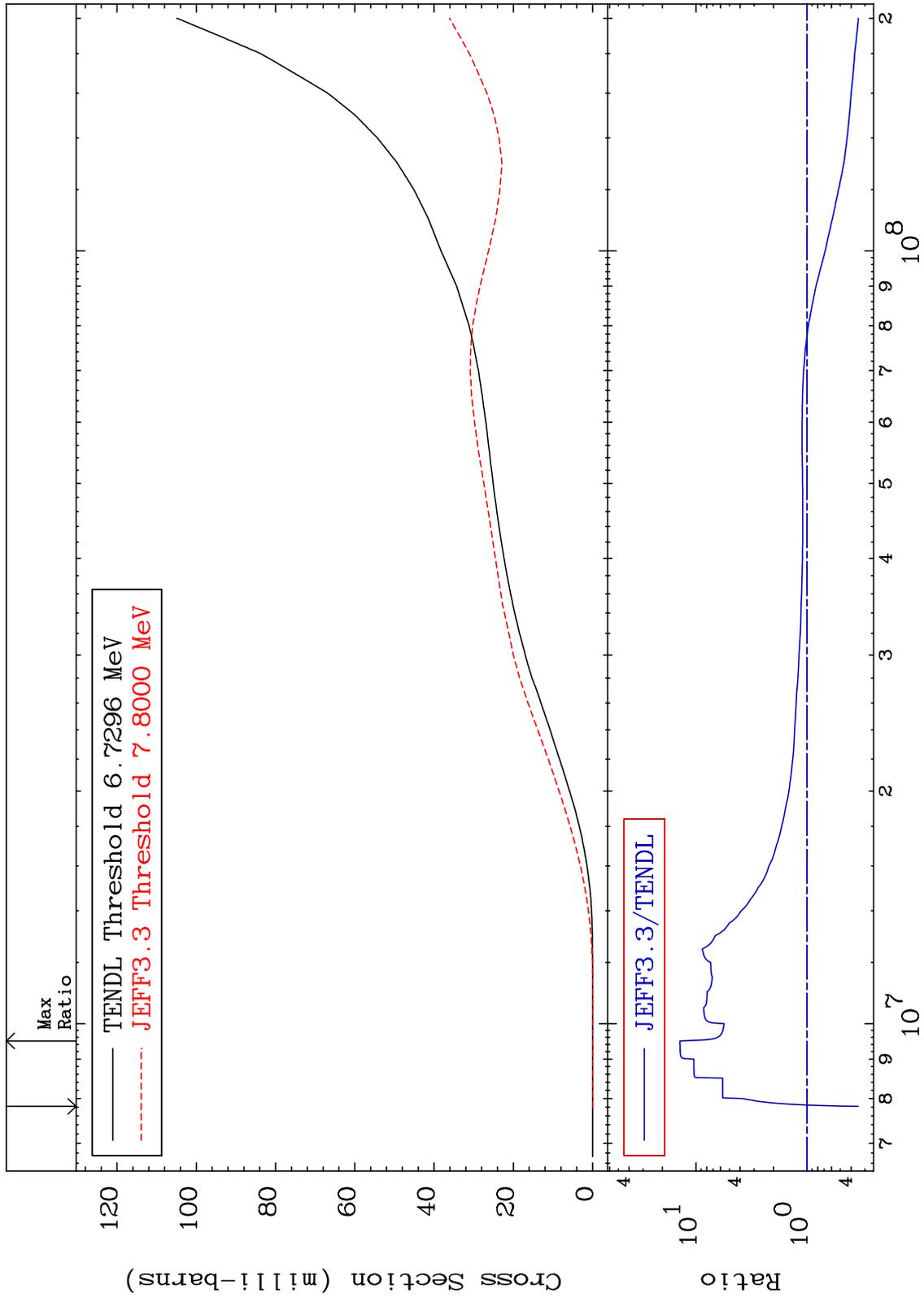
43-Tc-99
-99.18 To 2428. %



MAT 4325

Tritium Production
Cross Section

43-Tc-99
-65.62 To 1293. %



45

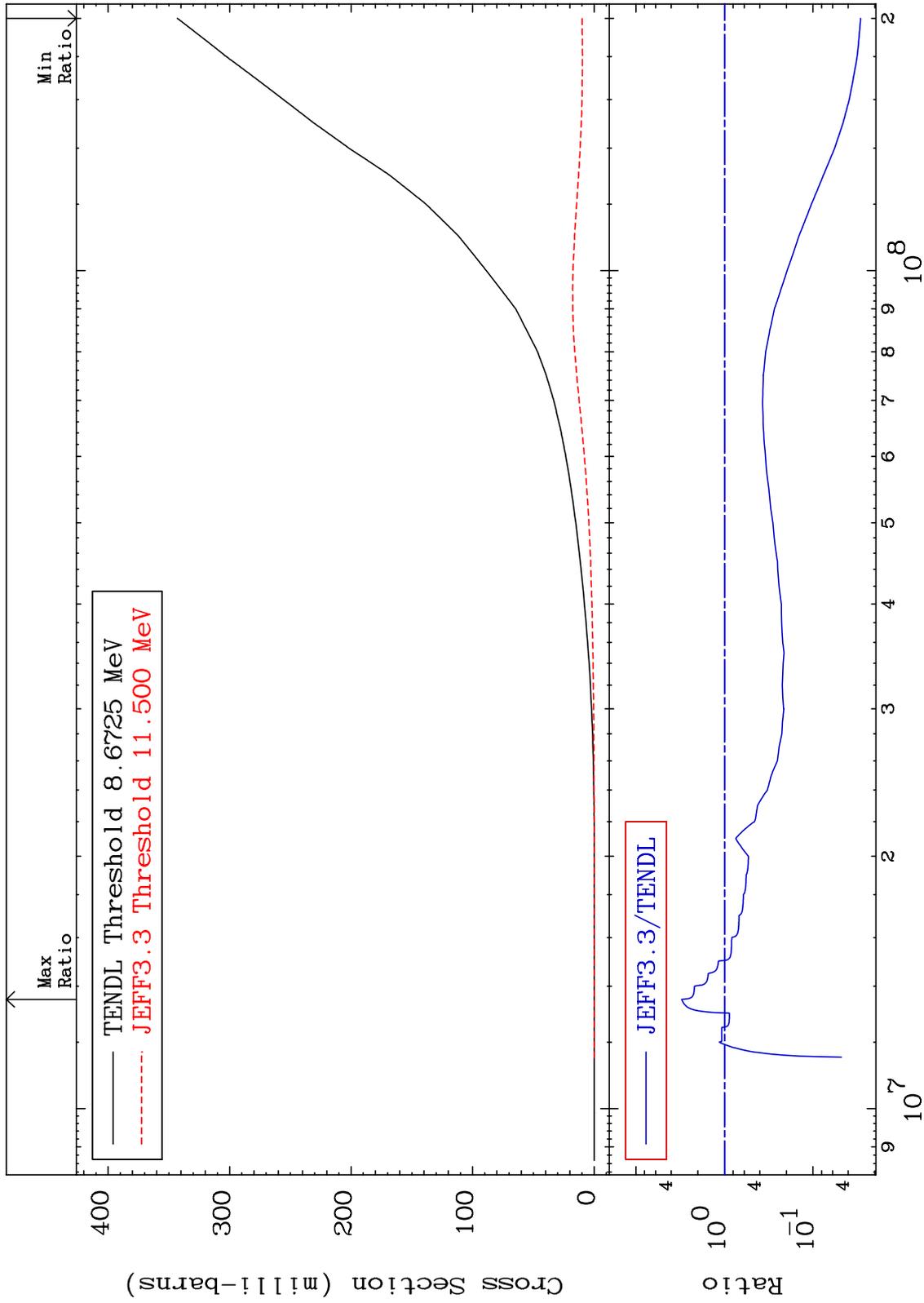
Incident Energy (eV)

43-Tc-99

MAT 4325

He-3 Production
Cross Section

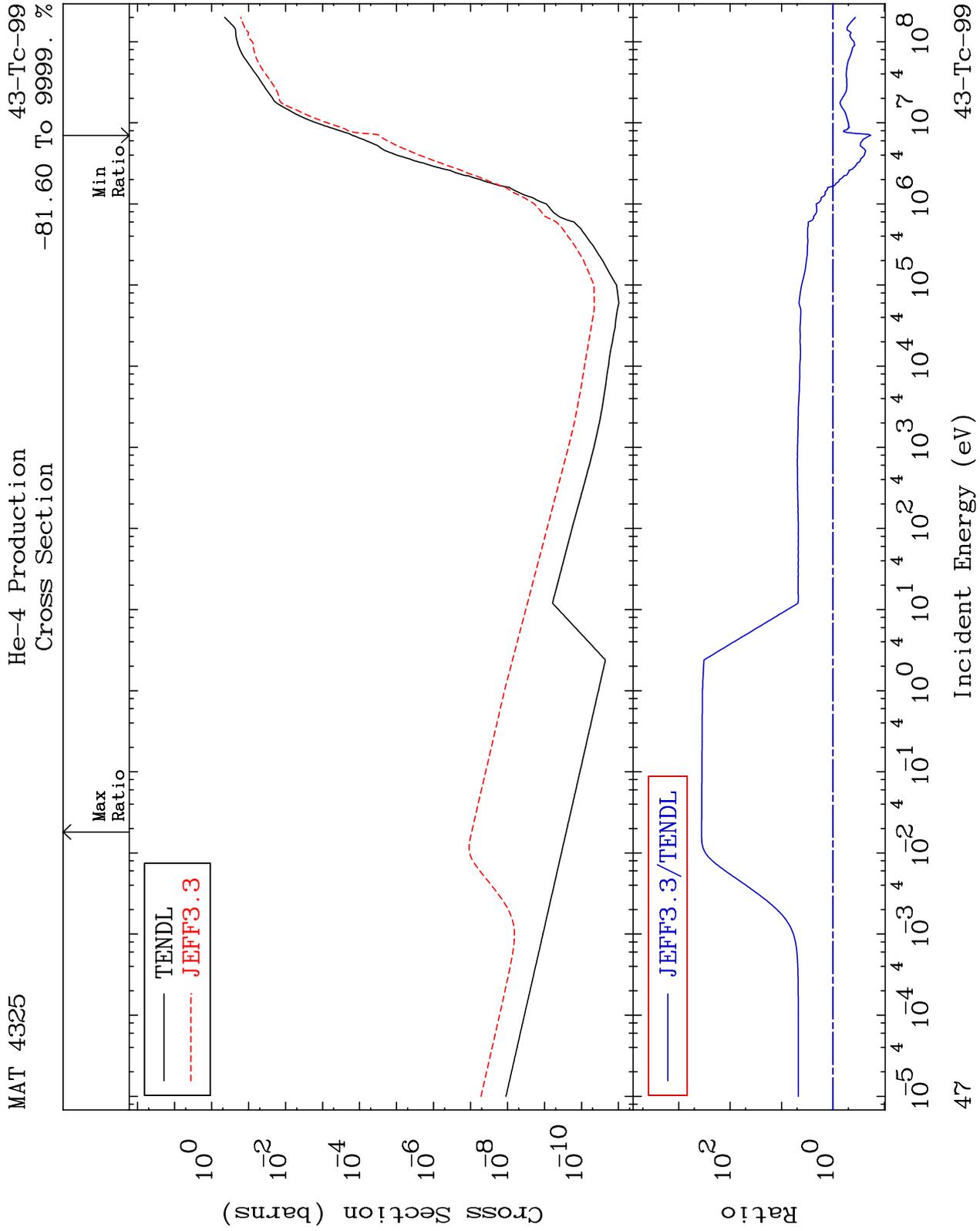
43-Tc-99
-97.11 To 204.2 %



46

43-Tc-99

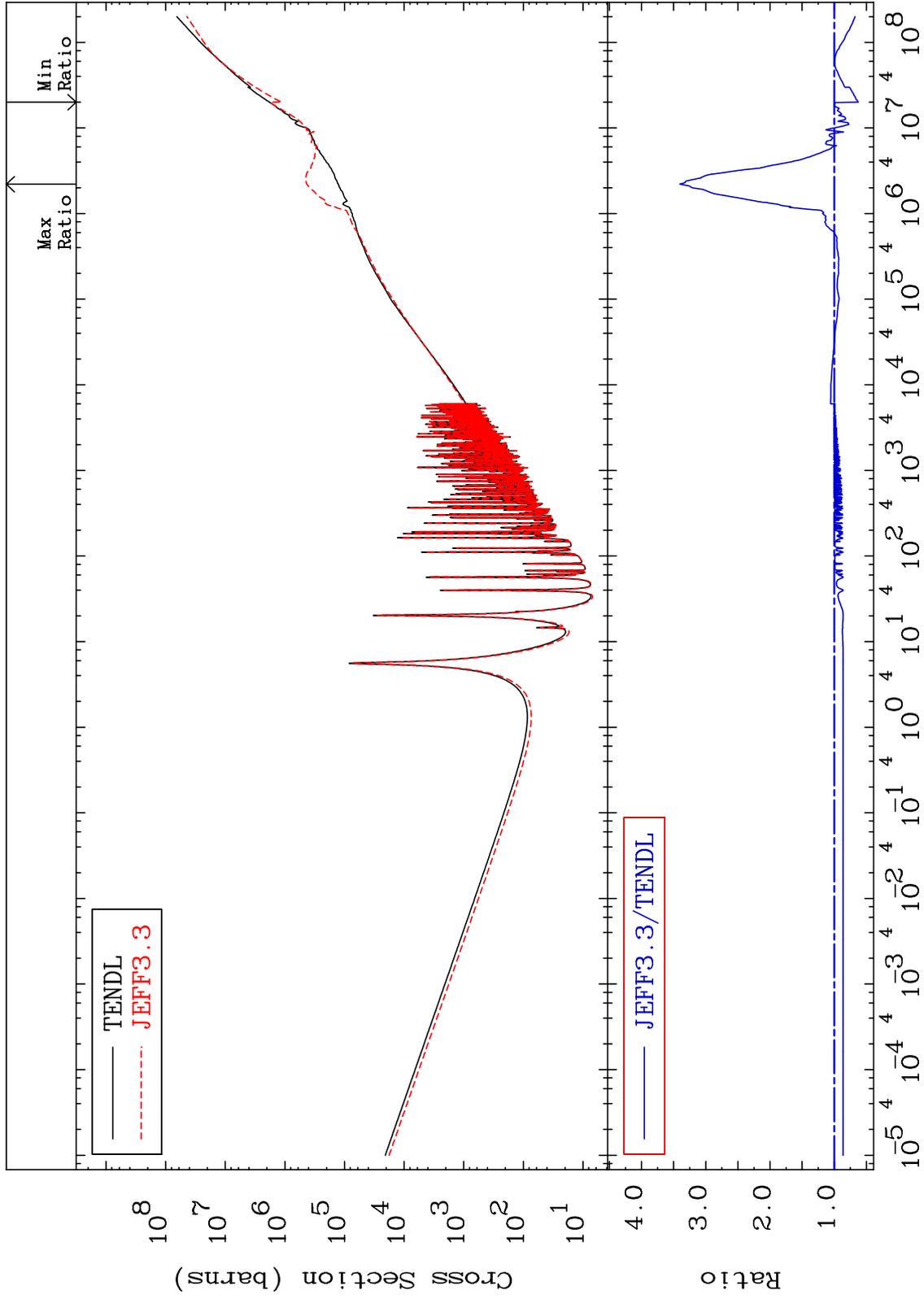
43-Tc-99



MAT 4325

Kerma total (eV-barns)
Cross Section

43-Tc-99
-37.58 To 240.2 %



48

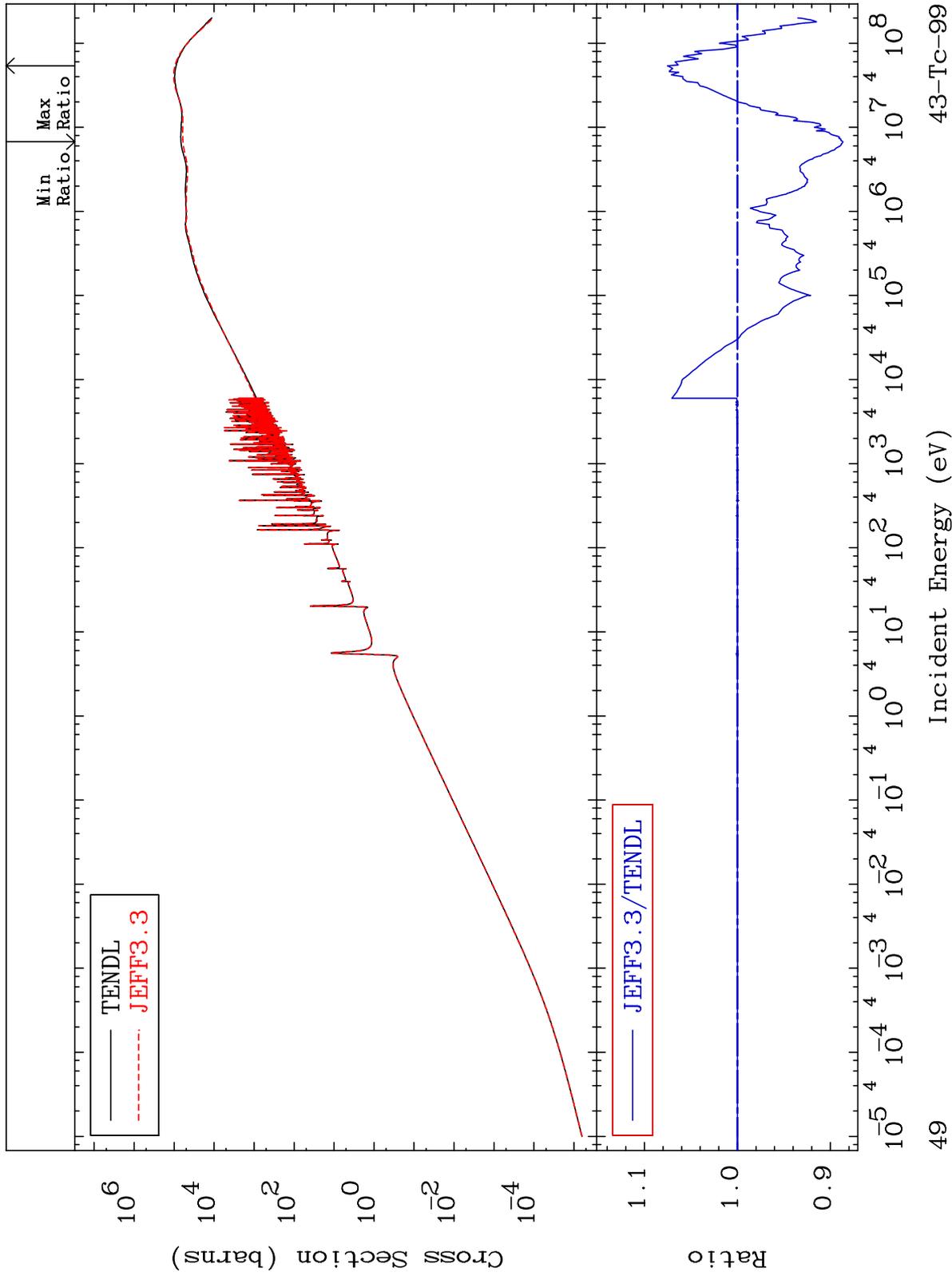
Incident Energy (eV)

43-Tc-99

MAT 4325

Kerma elastic
Cross Section

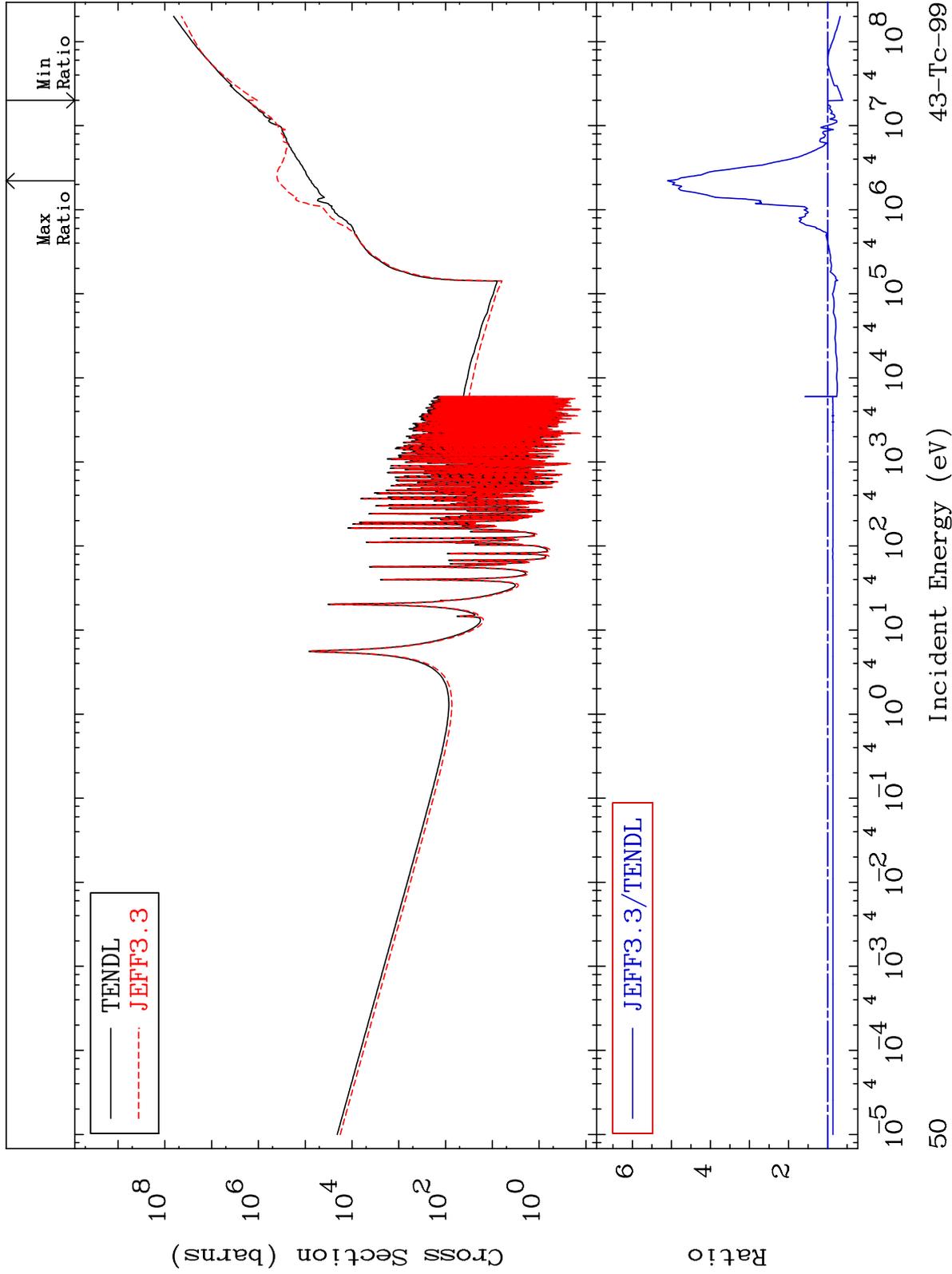
43-Tc-99
-11.35 To 7.505 %



MAT 4325

Kerma non-elastic (all but mt2)
Cross Section

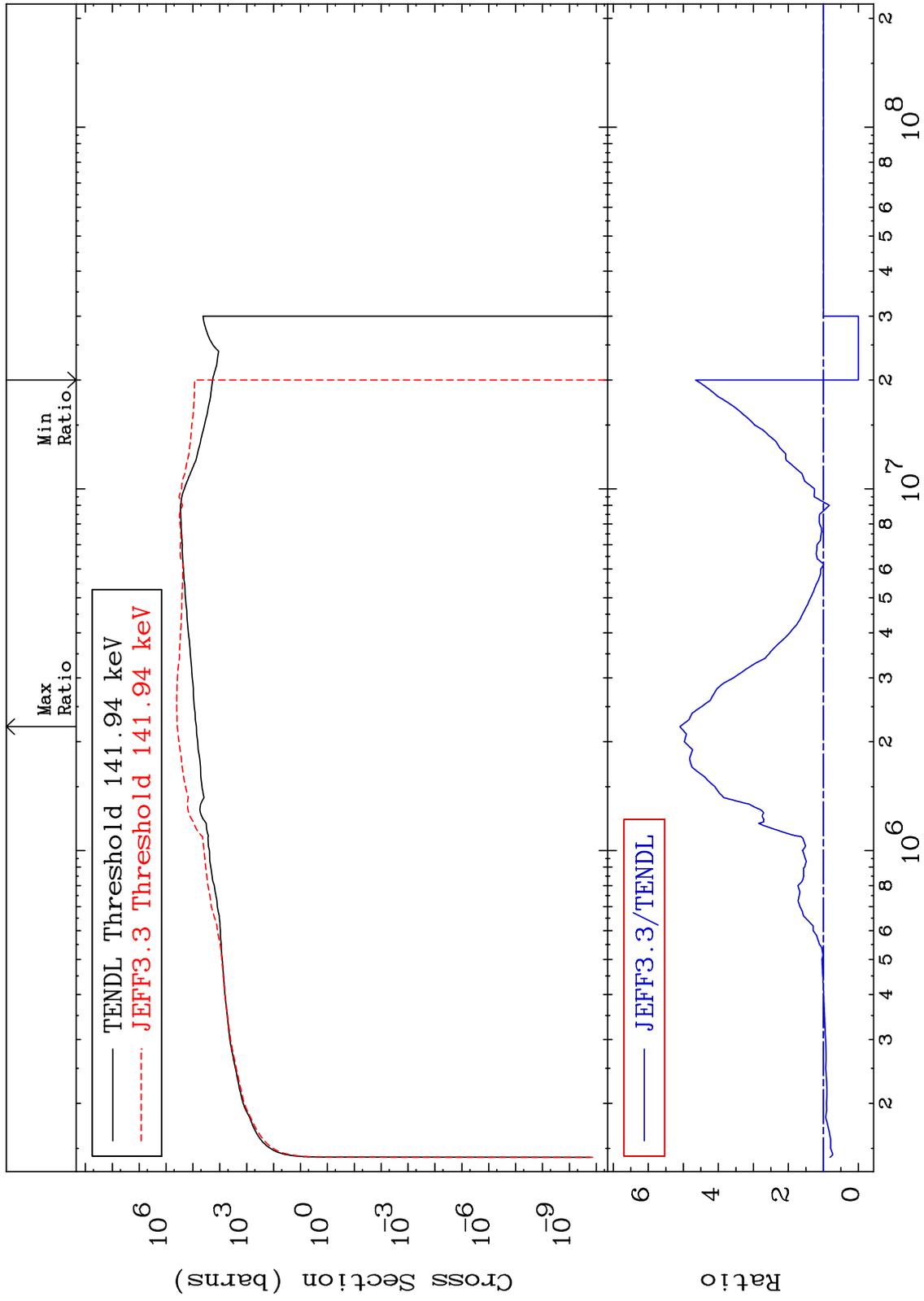
43-Tc-99
-39.14 To 409.7 %



MAT 4325

Kerma inelastic (mt51-91)
Cross Section

43-Tc-99
-100.0 To 409.7 %



51

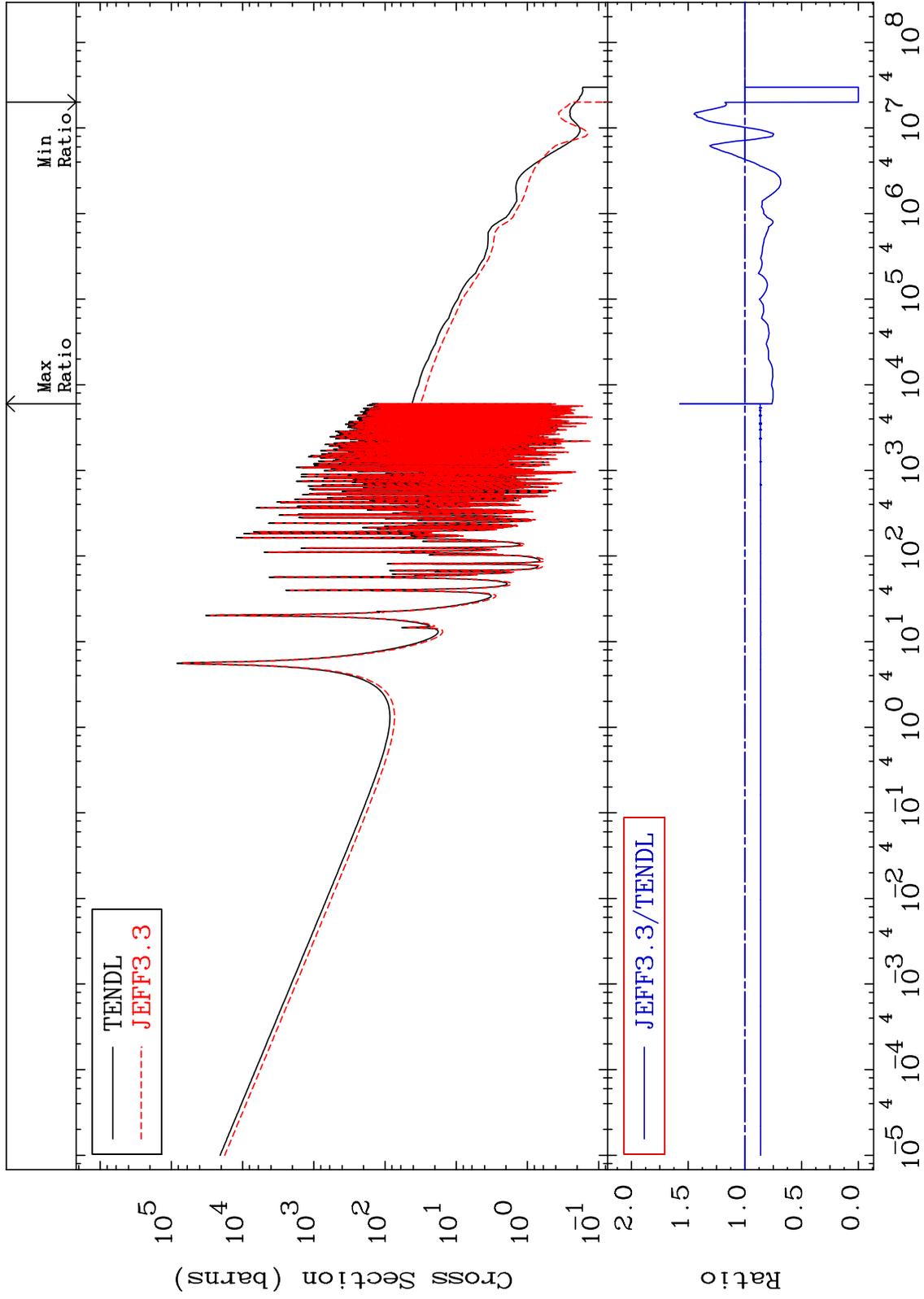
Incident Energy (eV)

43-Tc-99

MAT 4325

Kerma capture (mt102)
Cross Section

43-Tc-99
-100.0 To 57.25 %



53

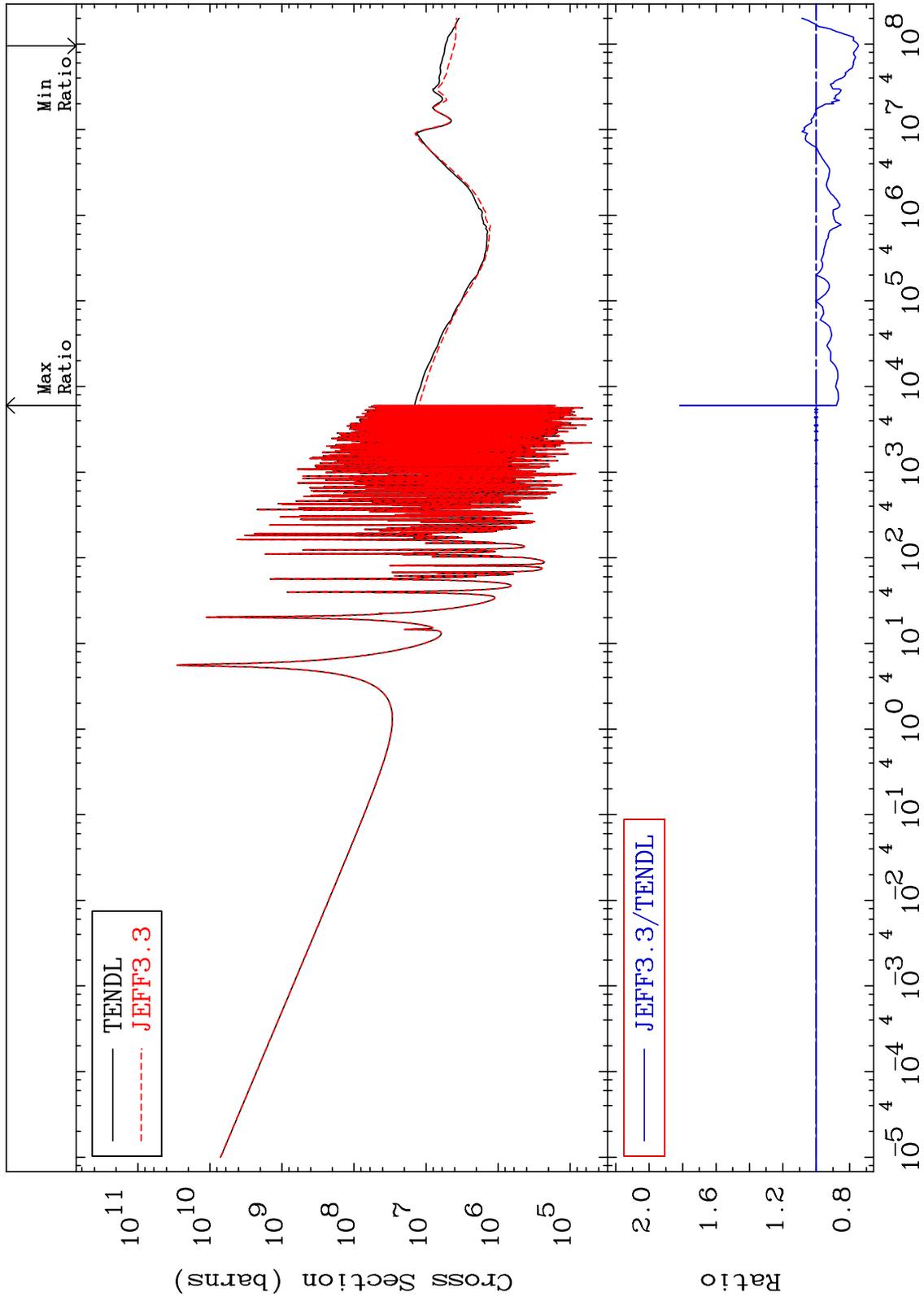
Incident Energy (eV)

43-Tc-99

MAT 4325

Total photon (eV-barns)
Cross Section

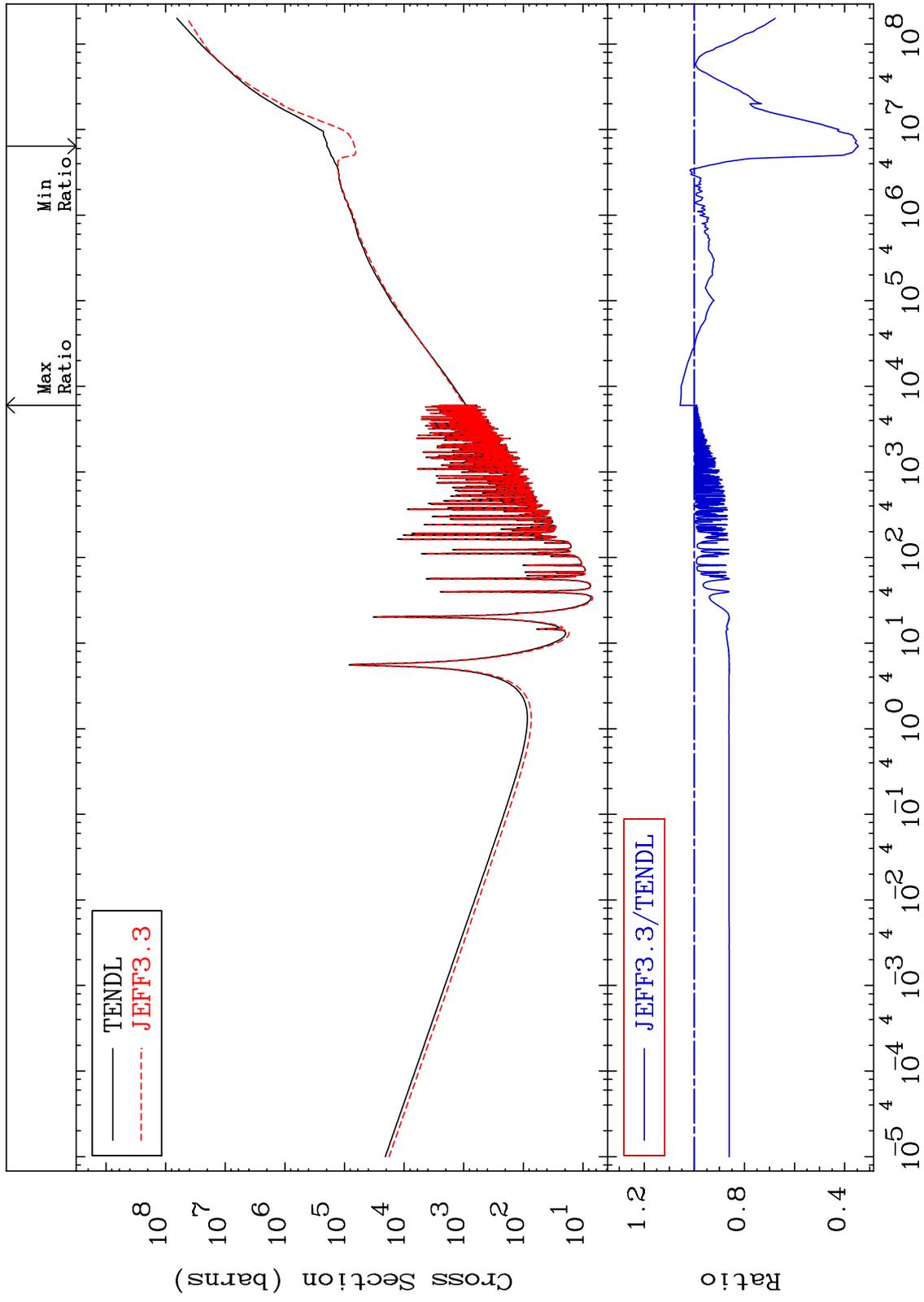
43-Tc-99
-25.21 To 81.60 %



MAT 4325

Total kinematic kerma (high limit)
Cross Section

43-Tc-99
-65.48 To 5.757 %



55

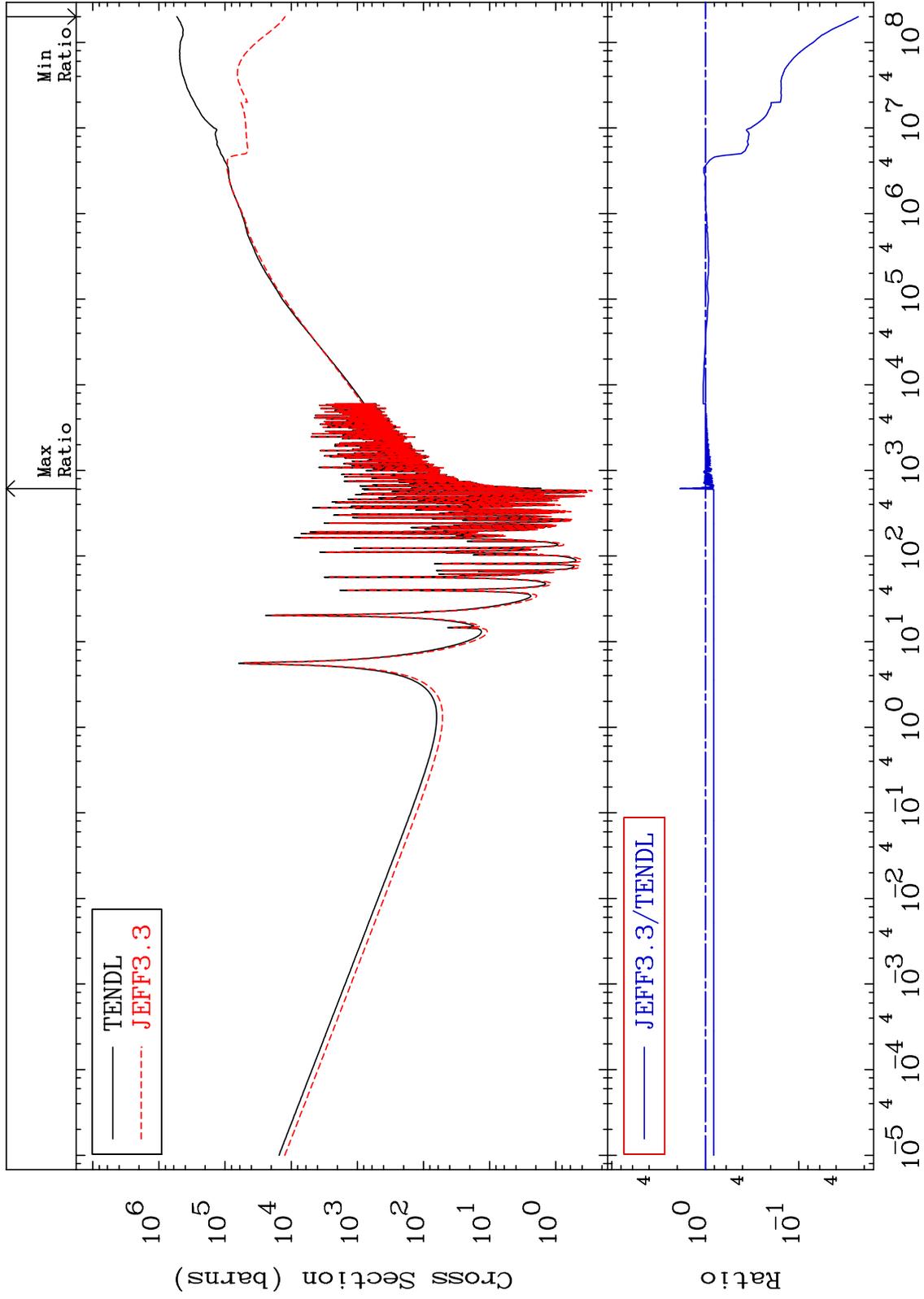
Incident Energy (eV)

43-Tc-99

MAT 4325

Dpa total (eV-barns)
Cross Section

43-Tc-99
-97.69 To 86.93 %



56

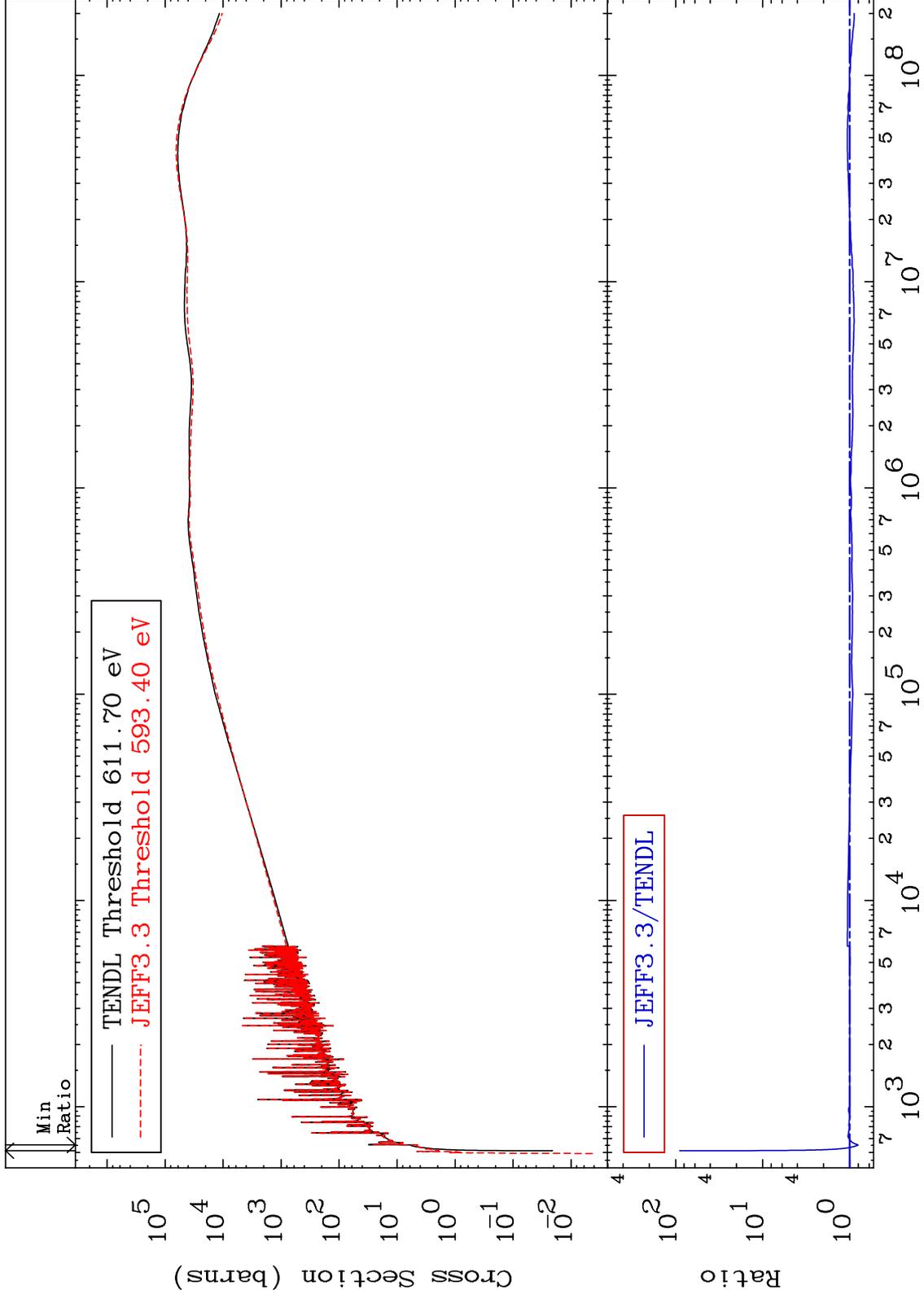
Incident Energy (eV)

43-Tc-99

MAT 4325

Dpa elastic (mt2)
Cross Section

43-Tc-99
-20.08 To 8874. %



57

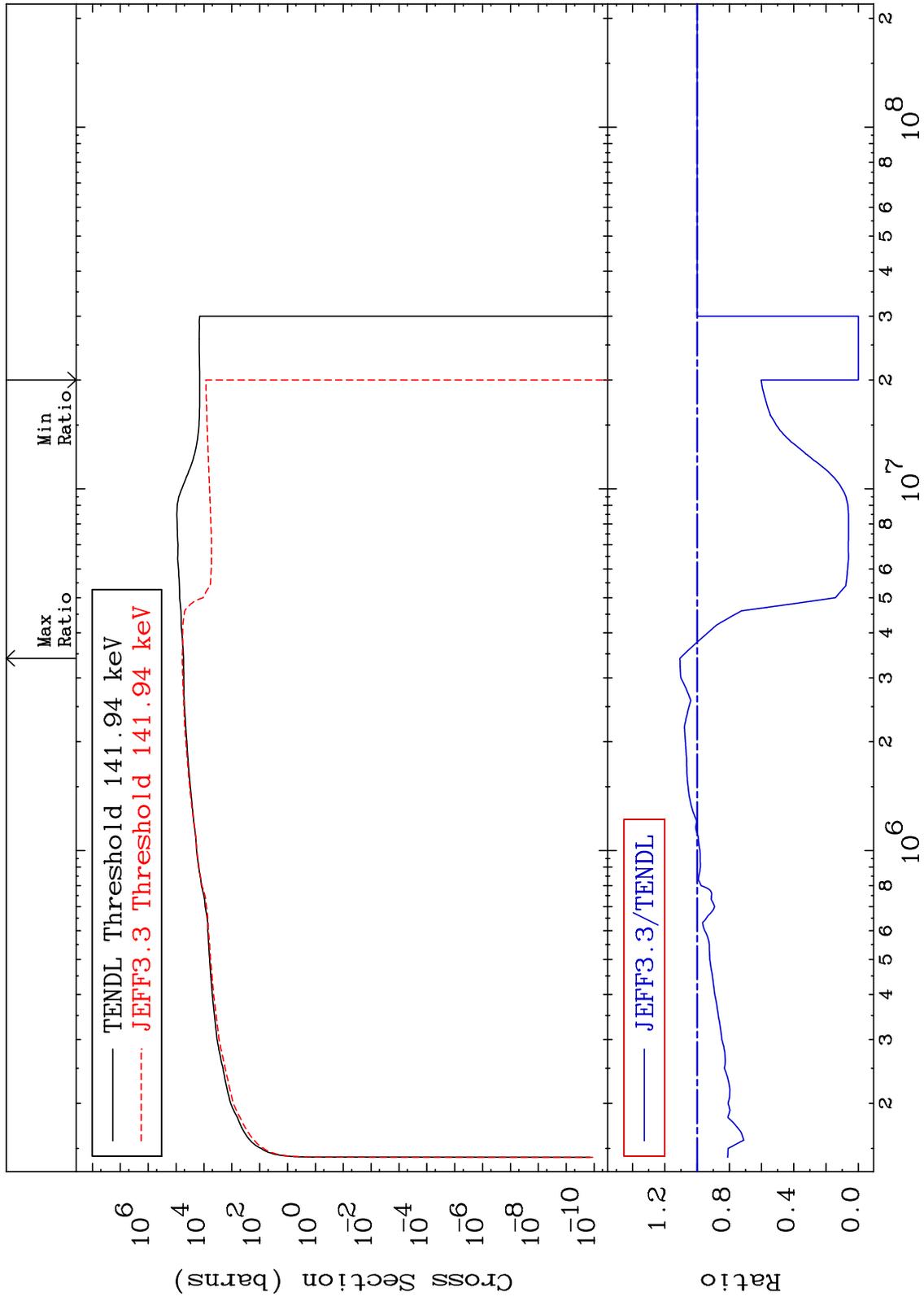
43-Tc-99

43-Tc-99

MAT 4325

Dpa inelastic (mt51-91)
Cross Section

43-Tc-99
-100.0 To 10.59 %



58

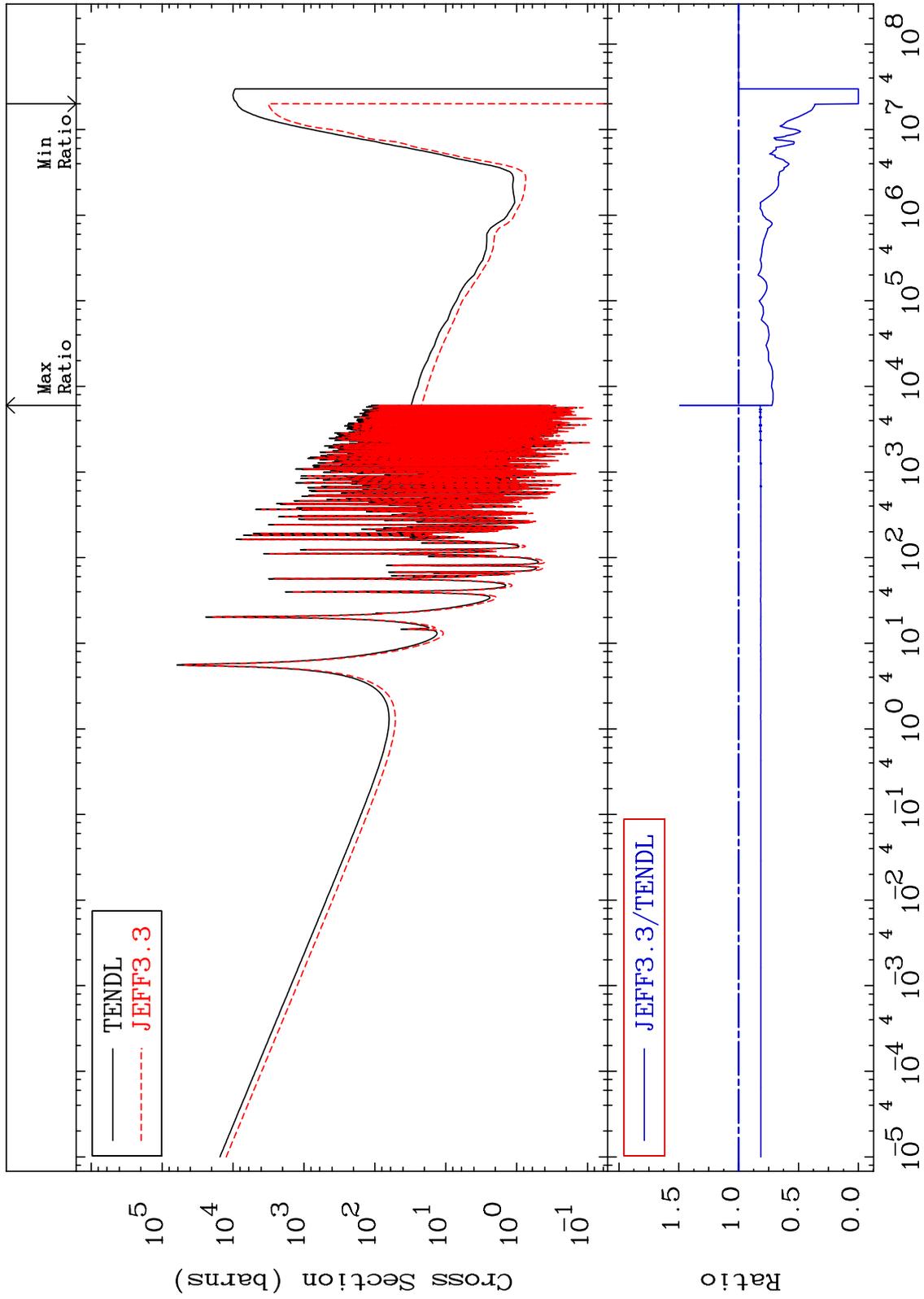
Incident Energy (eV)

43-Tc-99

MAT 4325

Dpa disappearance (mt102 -120)
Cross Section

43-Tc-99
-100.0 To 49.05 %



59

Incident Energy (eV)

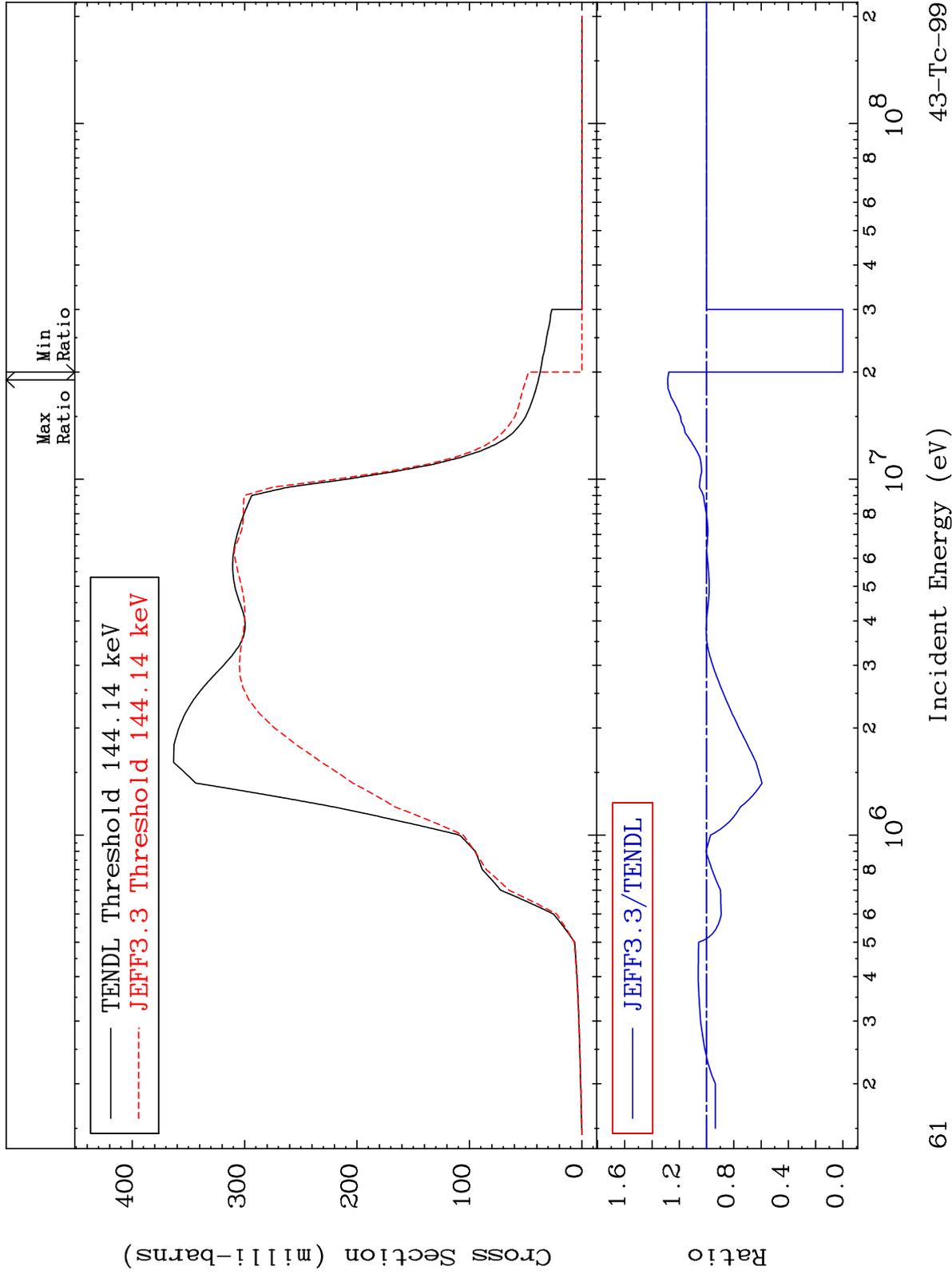
43-Tc-99

MAT 4325

43-Tc-99

Inelastic: 43-Tc-99m2

Radionuclide Production Cross Section -100.0 To 28.57 %



61

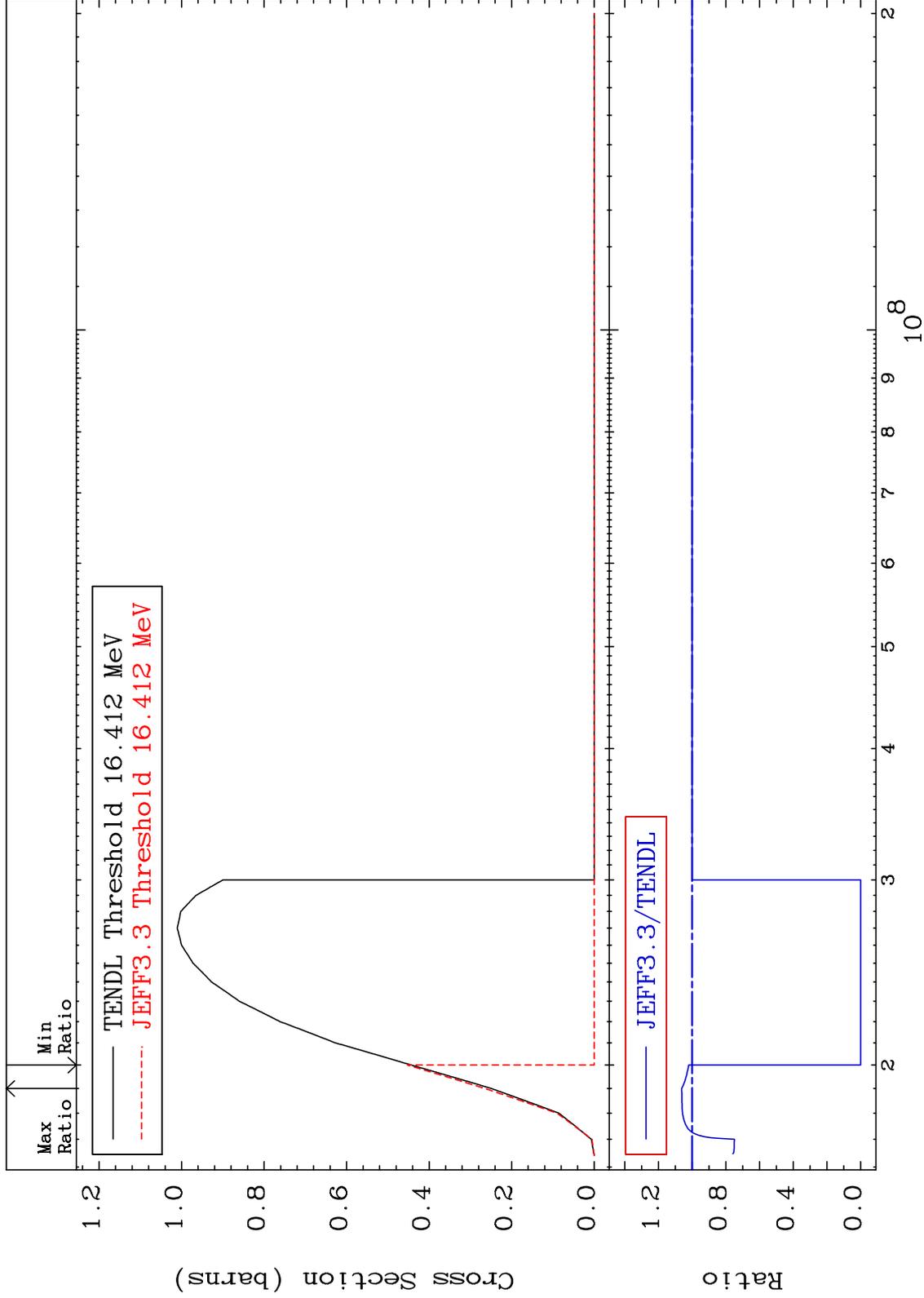
43-Tc-99

MAT 4325

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

43-Tc-99

Radionuclide Production Cross Section -100.0 To 6.242 %

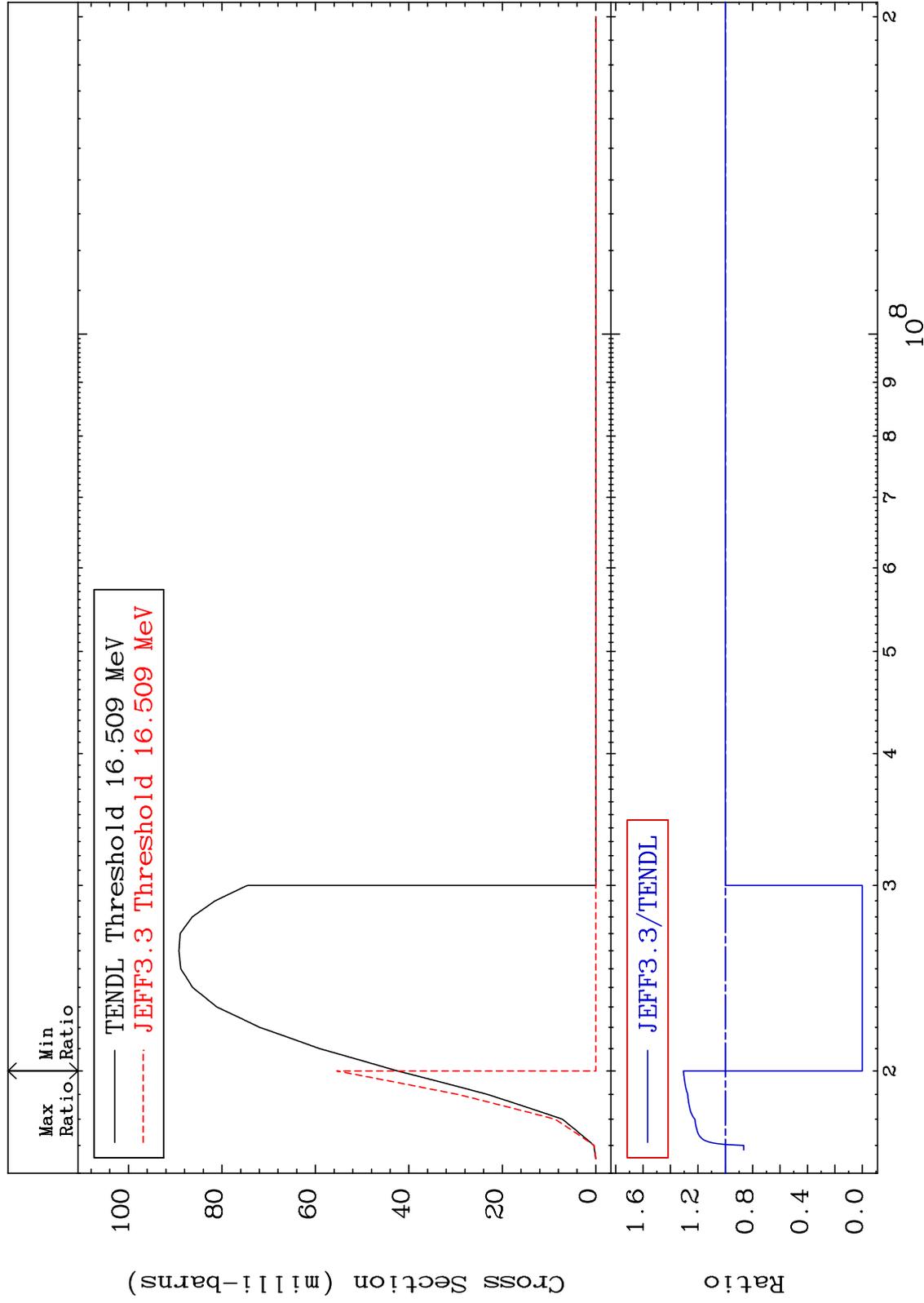


MAT 4325

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

43-Tc-99

Radionuclide Production Cross Section -100.0 To 30.60 %



63

Incident Energy (eV)

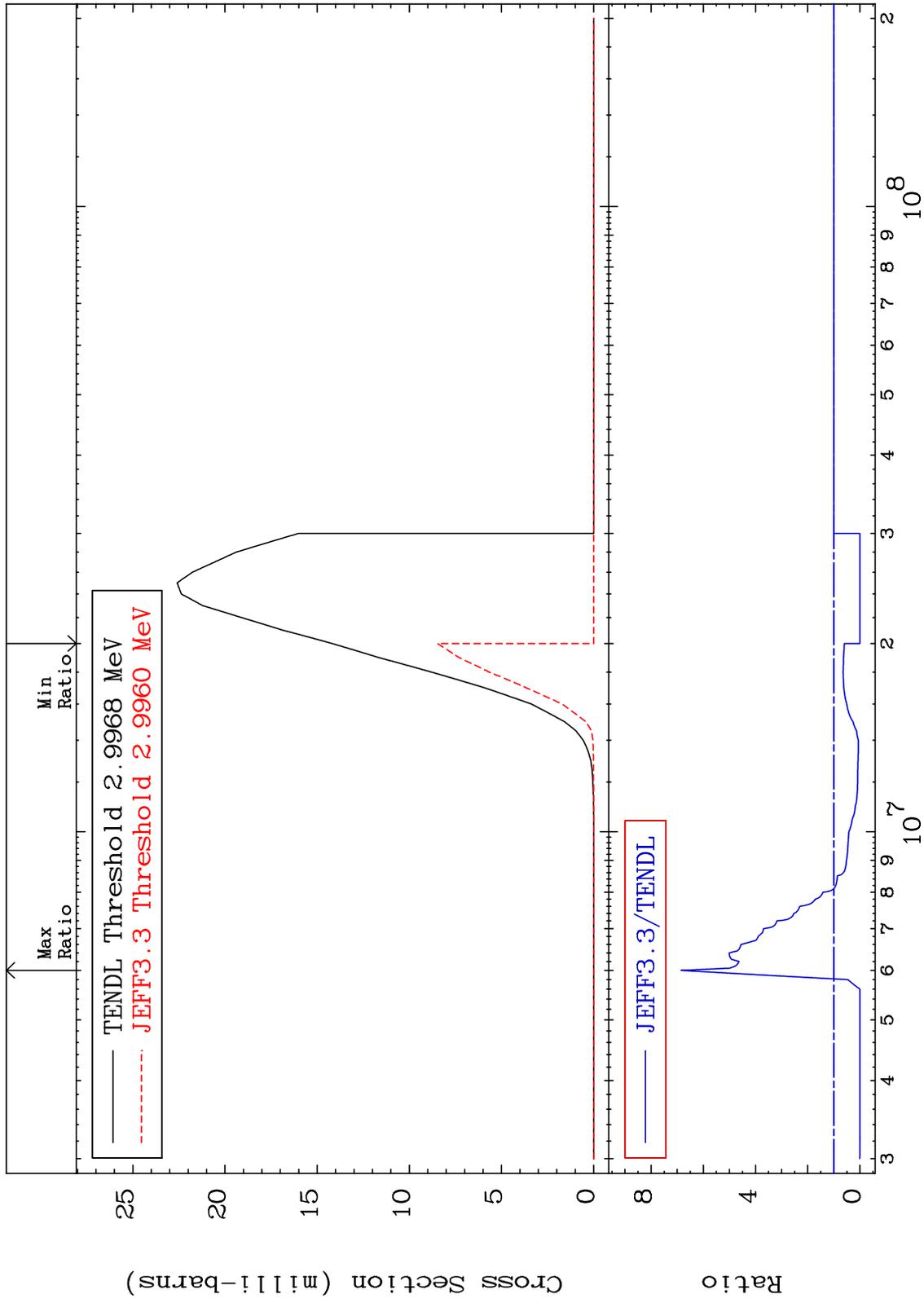
43-Tc-99

MAT 4325

(n, n') α : 41-Nb-95g

43-Tc-99

Radionuclide Production Cross Section -100.0 To 584.8 %

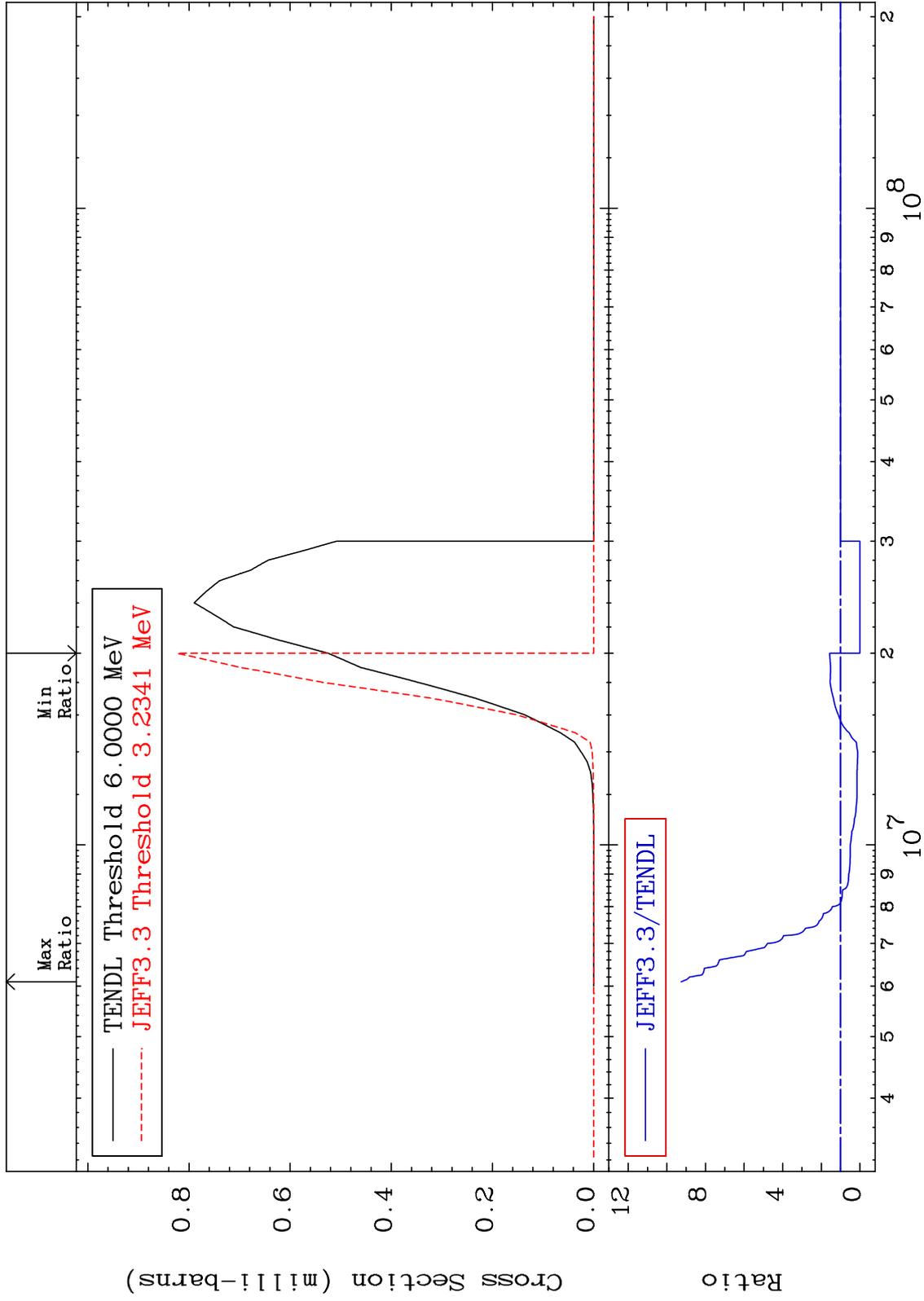


MAT 4325

(n, n') α :41-Nb-95m1

43-Tc-99

Radionuclide Production Cross Section -100.0 To 825.9 %



65

Incident Energy (eV)

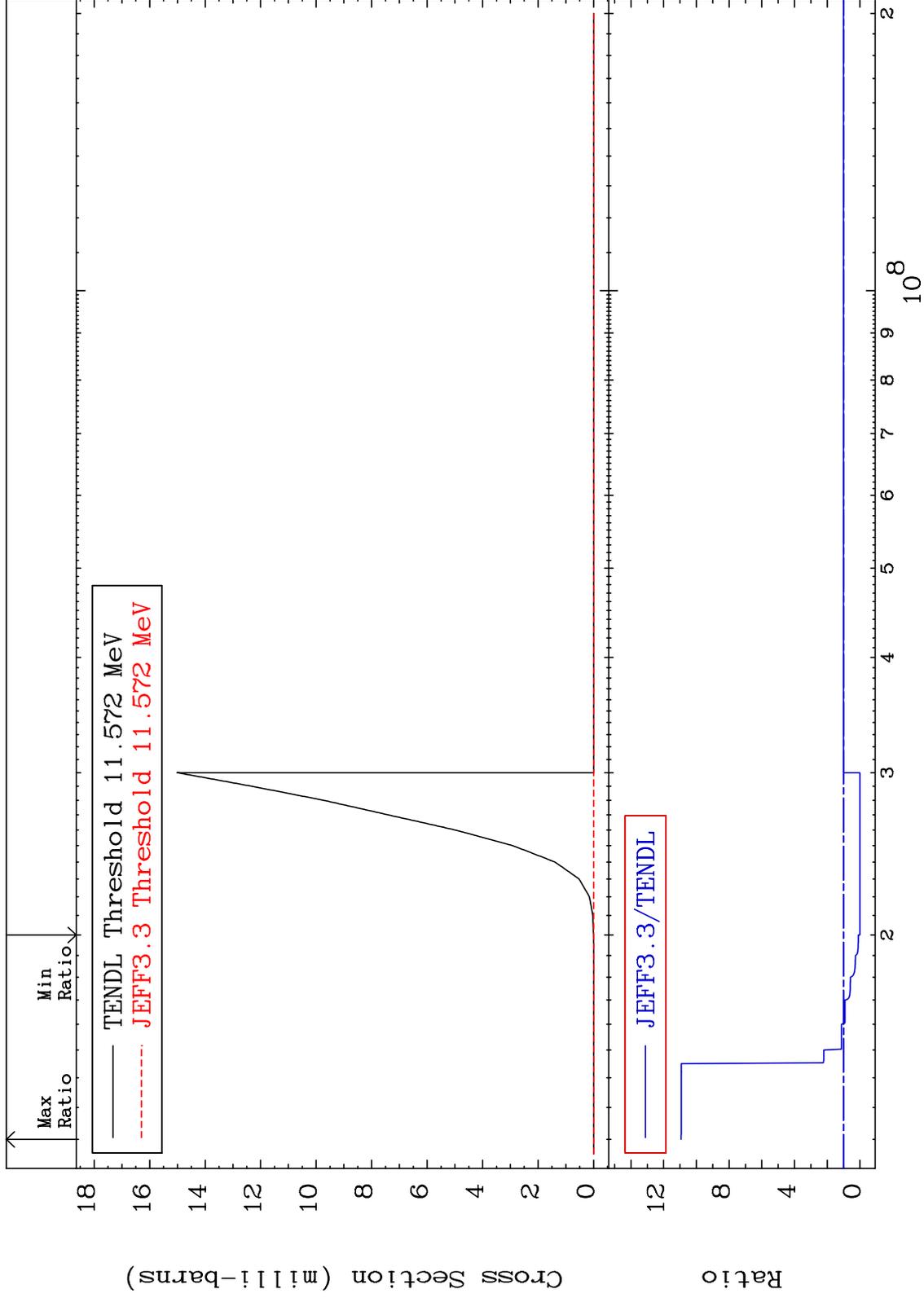
43-Tc-99

MAT 4325

(n,2n) α : 41-Nb-94g

43-Tc-99

Radionuclide Production Cross Section -100.0 To 993.2 %

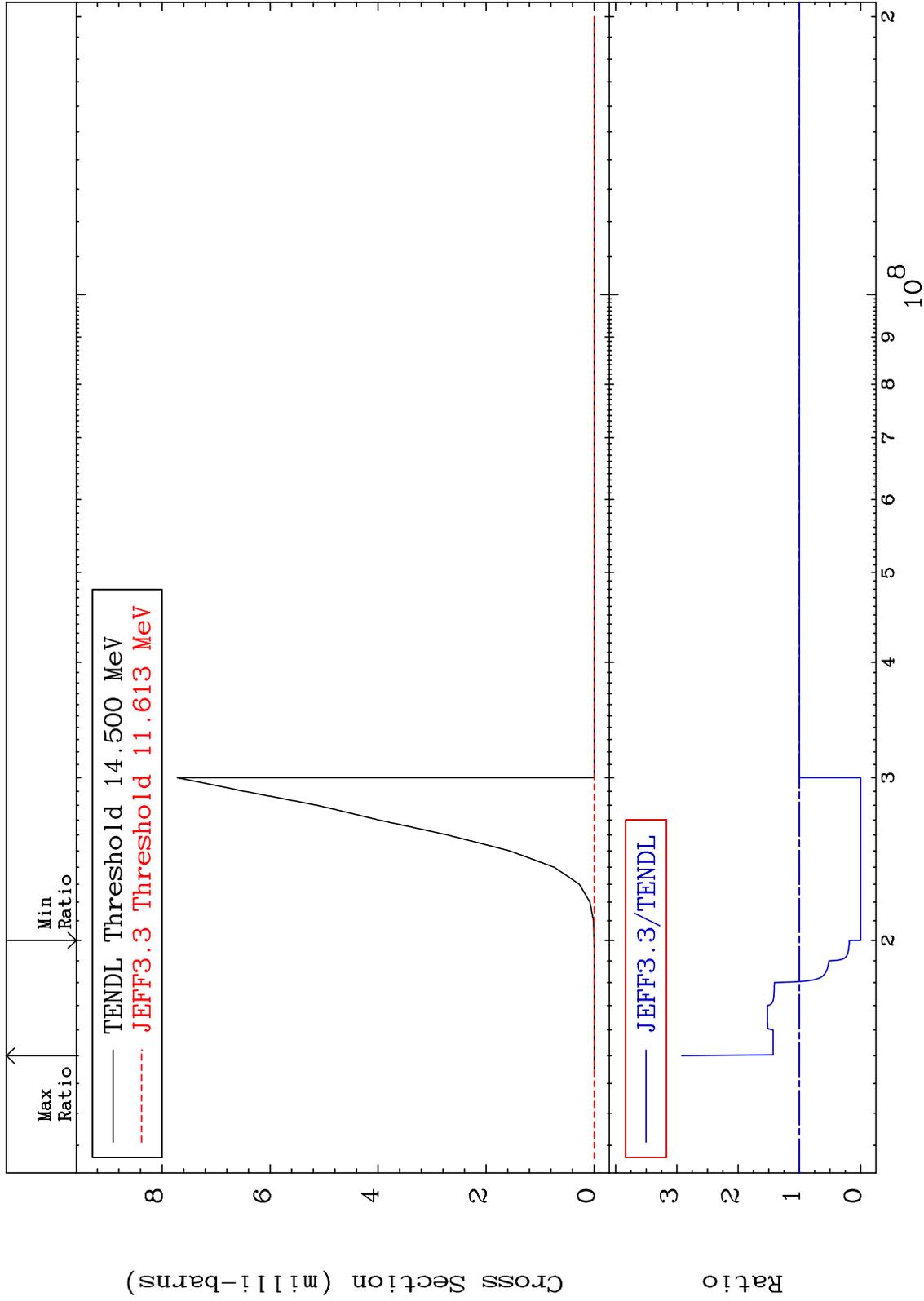


MAT 4325

(n,2n) α :41-Nb-94m1

43-Tc-99

Radionuclide Production Cross Section -100.0 To 192.0 %

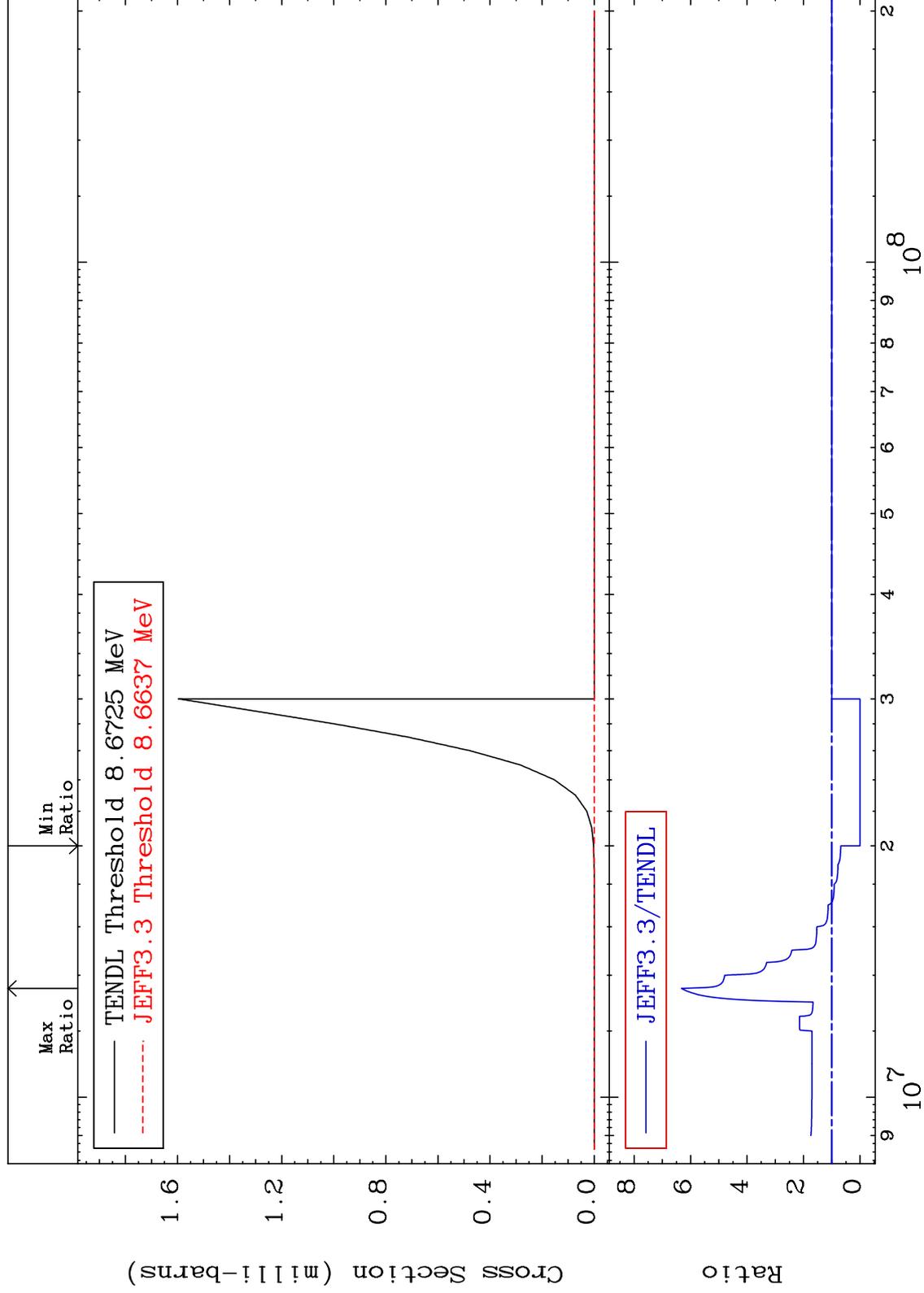


MAT 4325

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

43-Tc-99

Radionuclide Production Cross Section -100.0 To 531.9 %



68

43-Tc-99

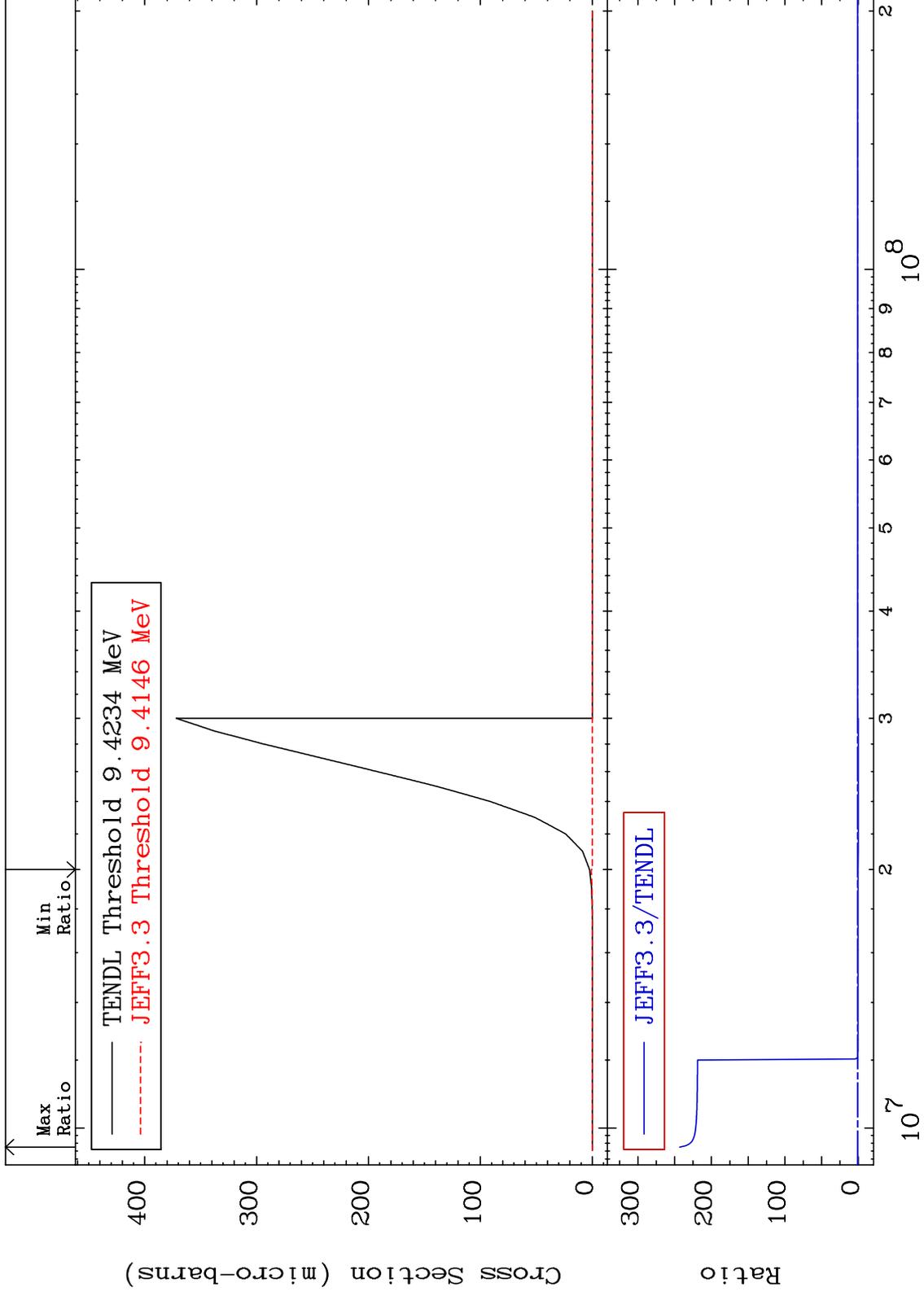
43-Tc-99

MAT 4325

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

43-Tc-99

Radionuclide Production Cross Section -100.0 To 9999. %



69

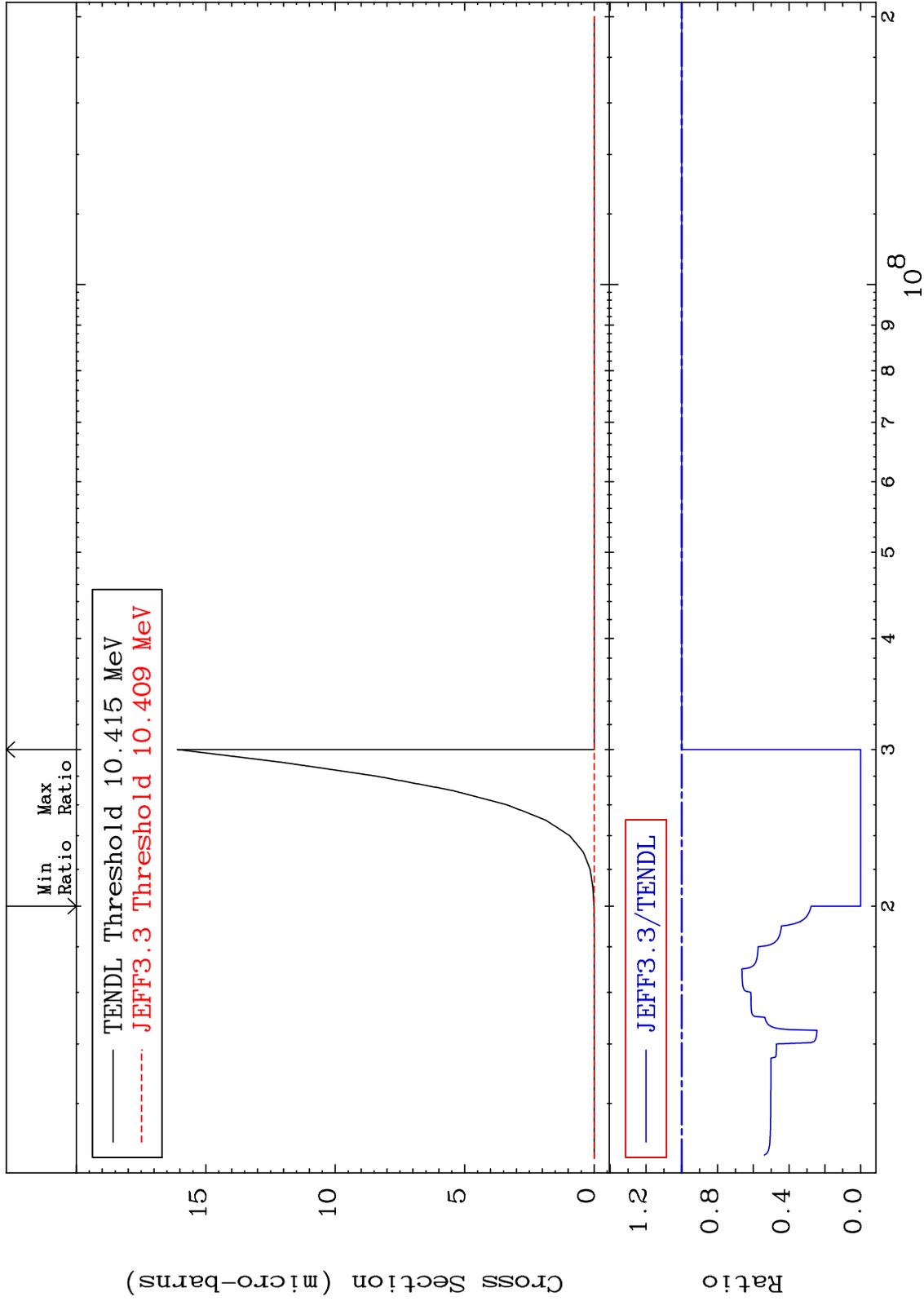
43-Tc-99

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. %

