

Program Complot
(Version 2021-1)

by

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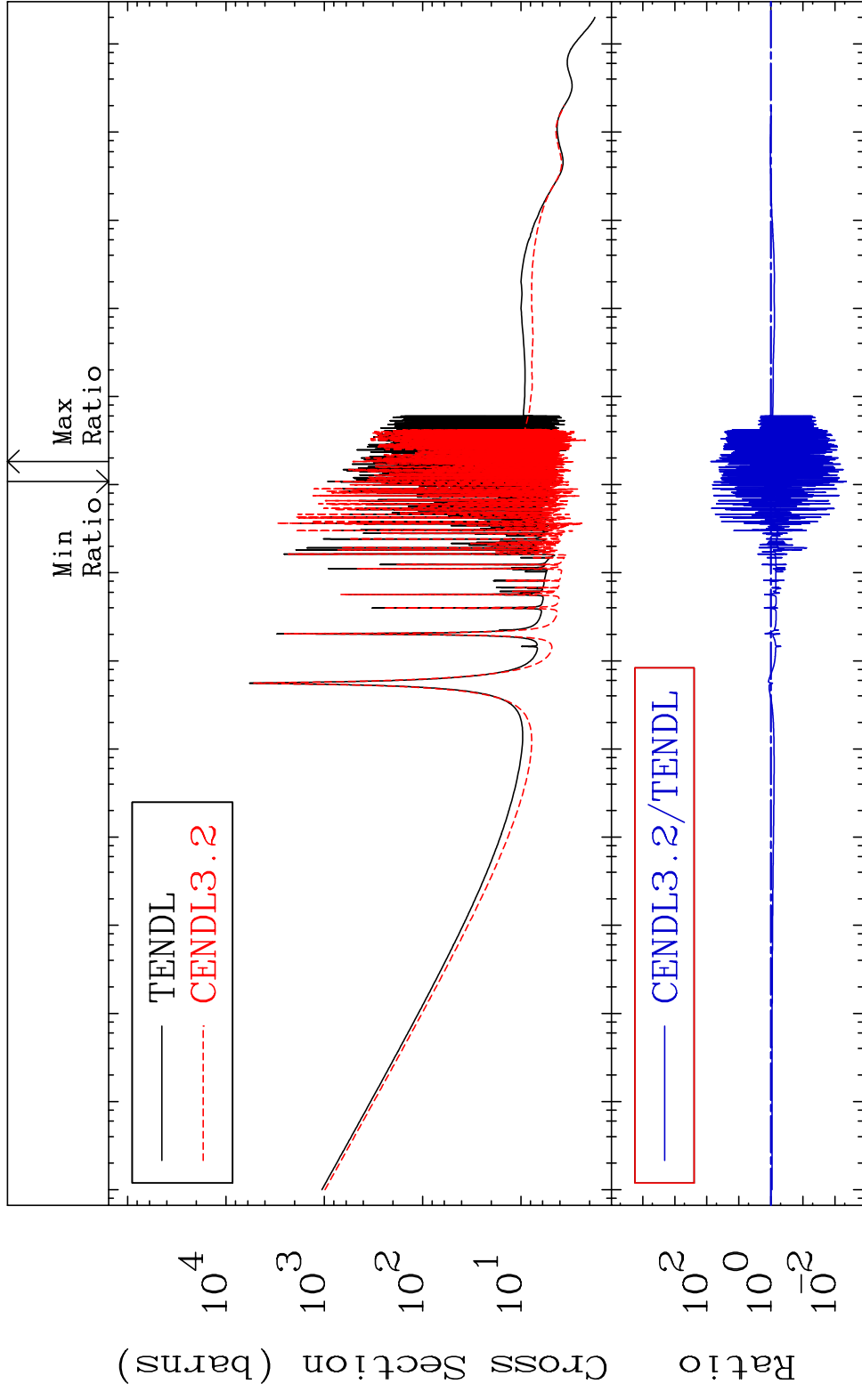
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 4325

Total Cross Section -99.56 To 7466. %
43-Tc-99



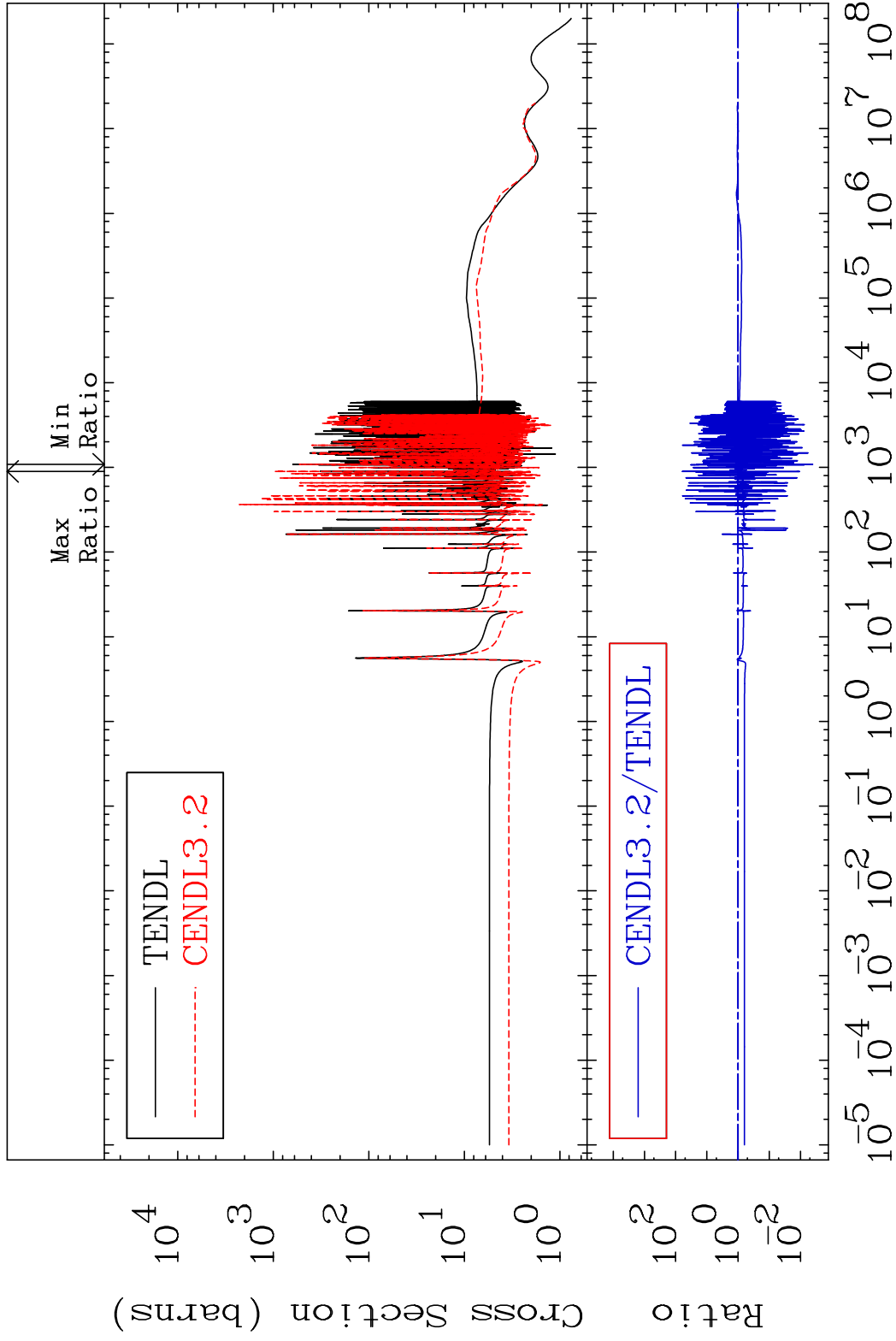
1 Incident Energy (eV) 43-Tc-99

MAT 4325

Elastic

43-Tc-99

Cross Section -99.59 To 6001. %



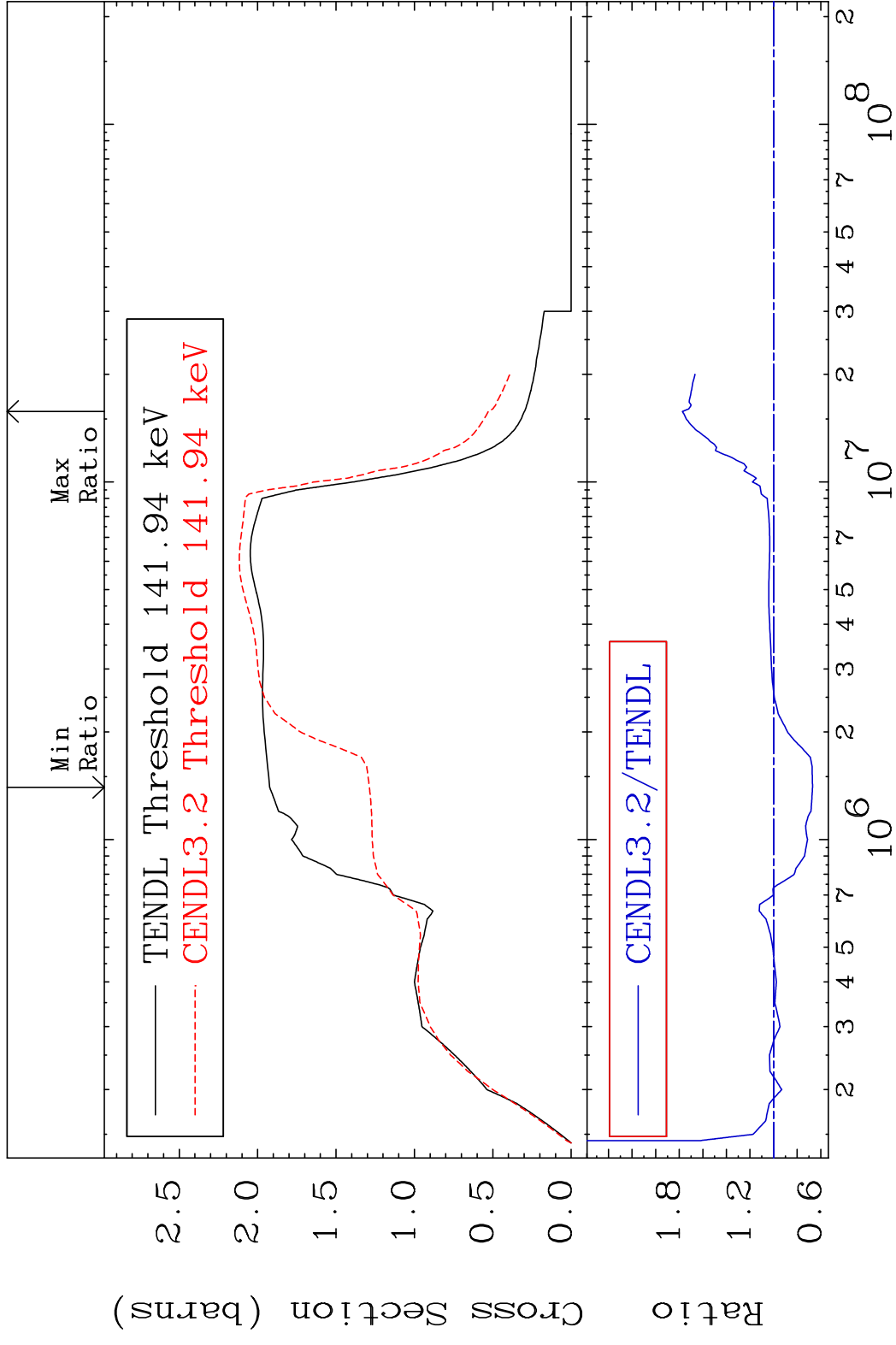
2

Incident Energy (eV)

43-Tc-99

MAT 4325

Inelastic Cross Section -33.07 To 77.37 %
43-Tc-99

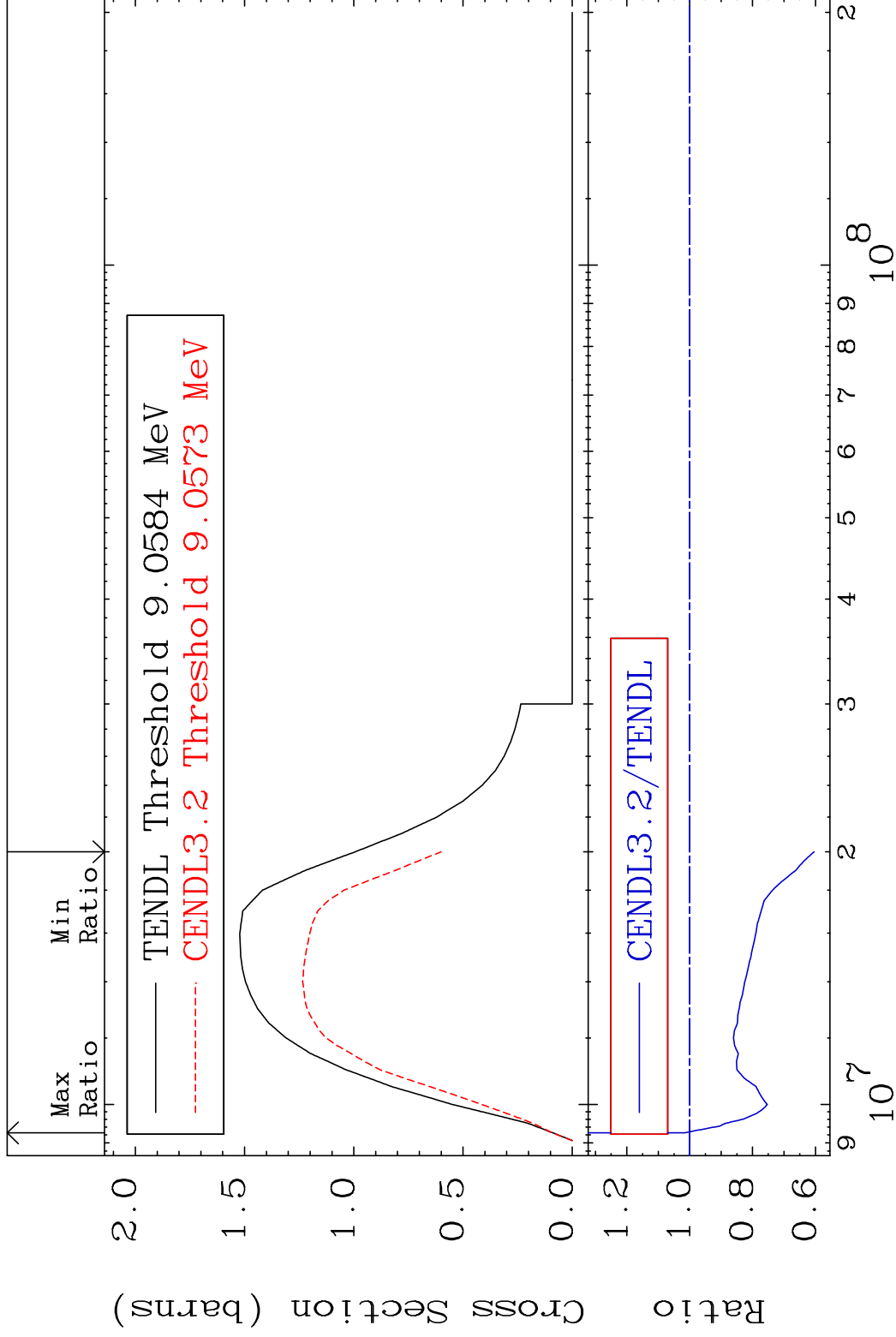


MAT 4325

(n,2n)

43-Tc-99

Cross Section -39.57 To 1.925 %



4

Incident Energy (eV)

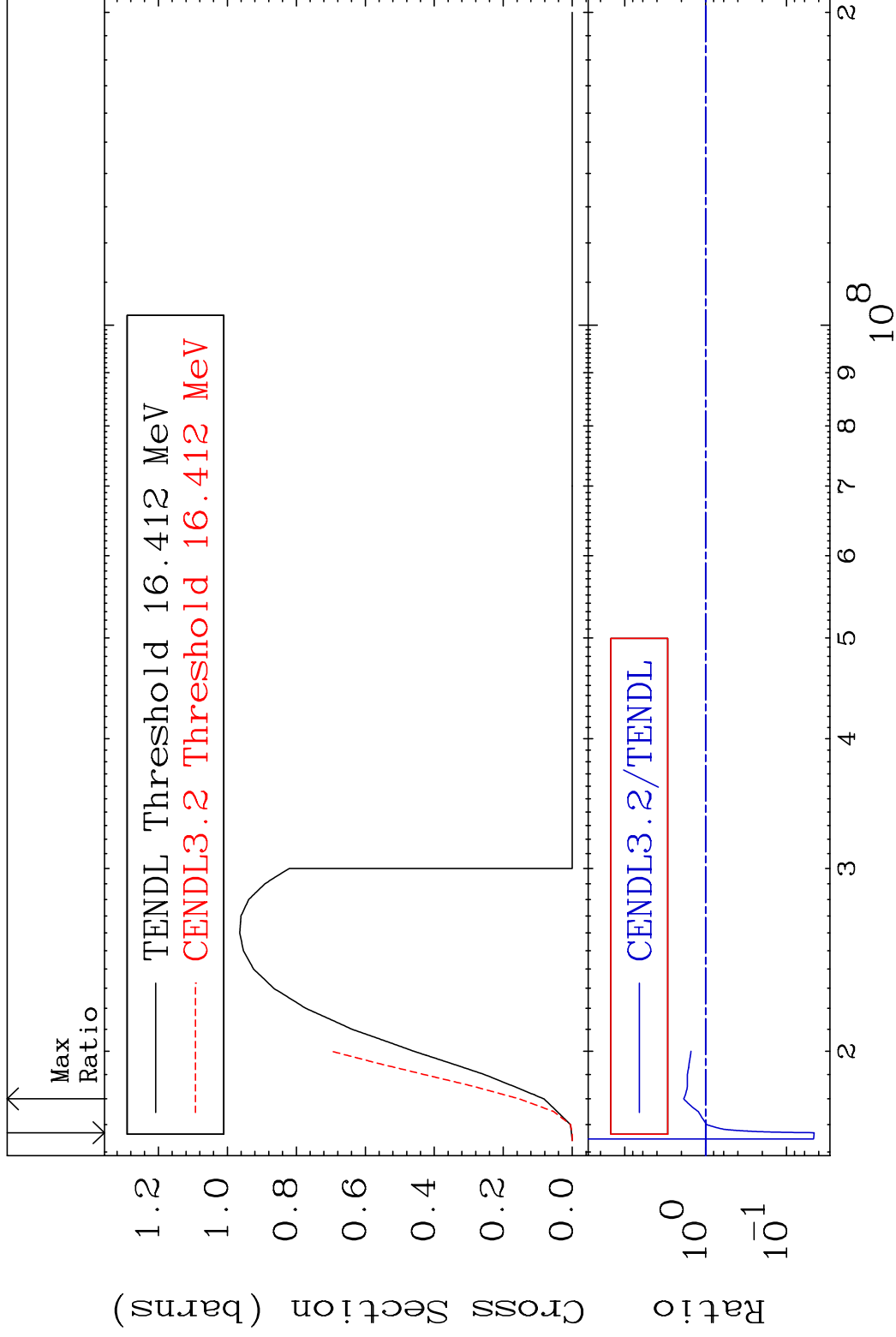
43-Tc-99

MAT 4325

(n,3n)

43-Tc-99

Cross Section -95.43 To 87.48 %

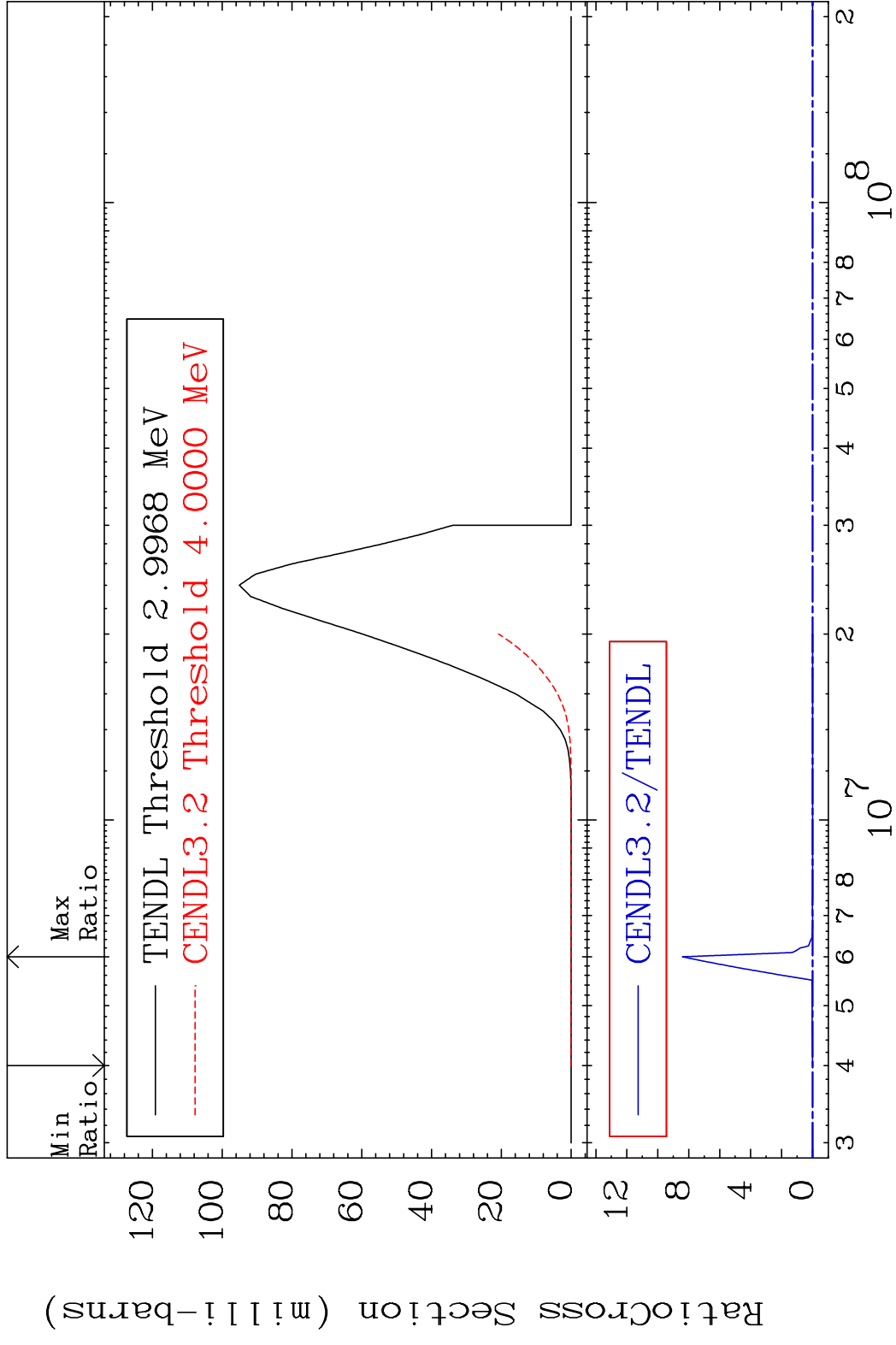


5

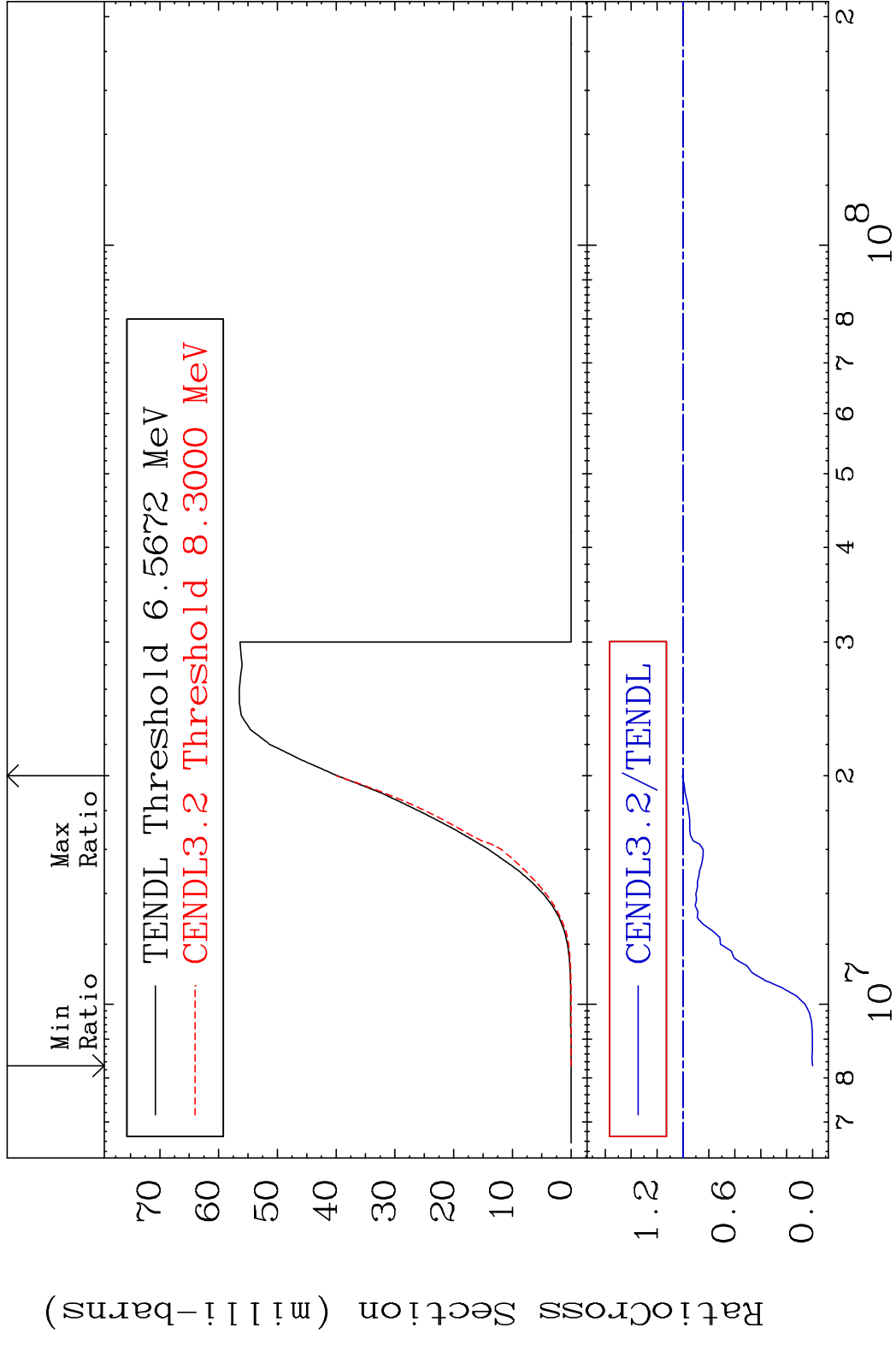
Incident Energy (eV)

43-Tc-99

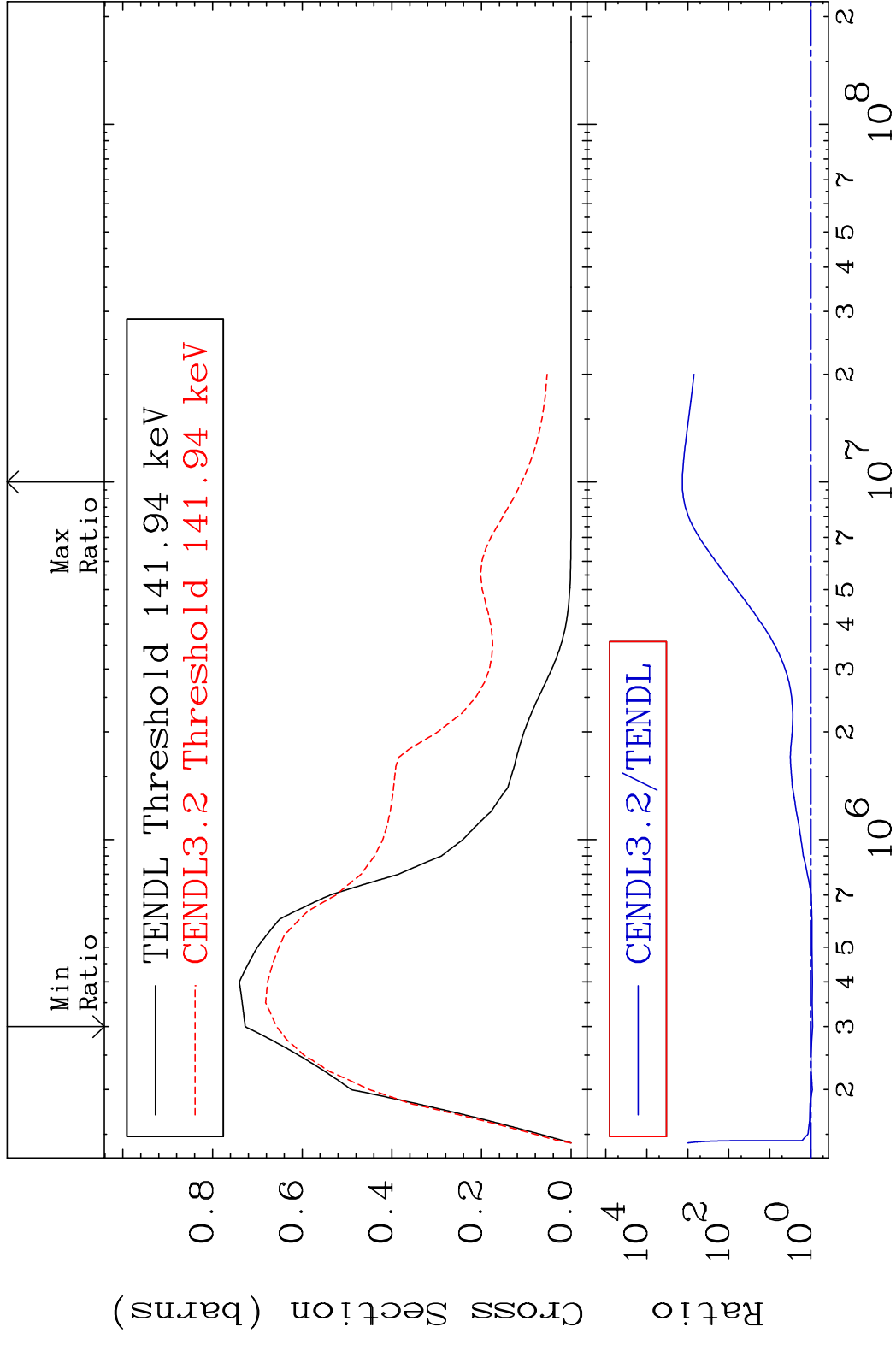
MAT 4325 (n, n') α 43-Tc-99
 Cross Section -100.0 To 9999. %



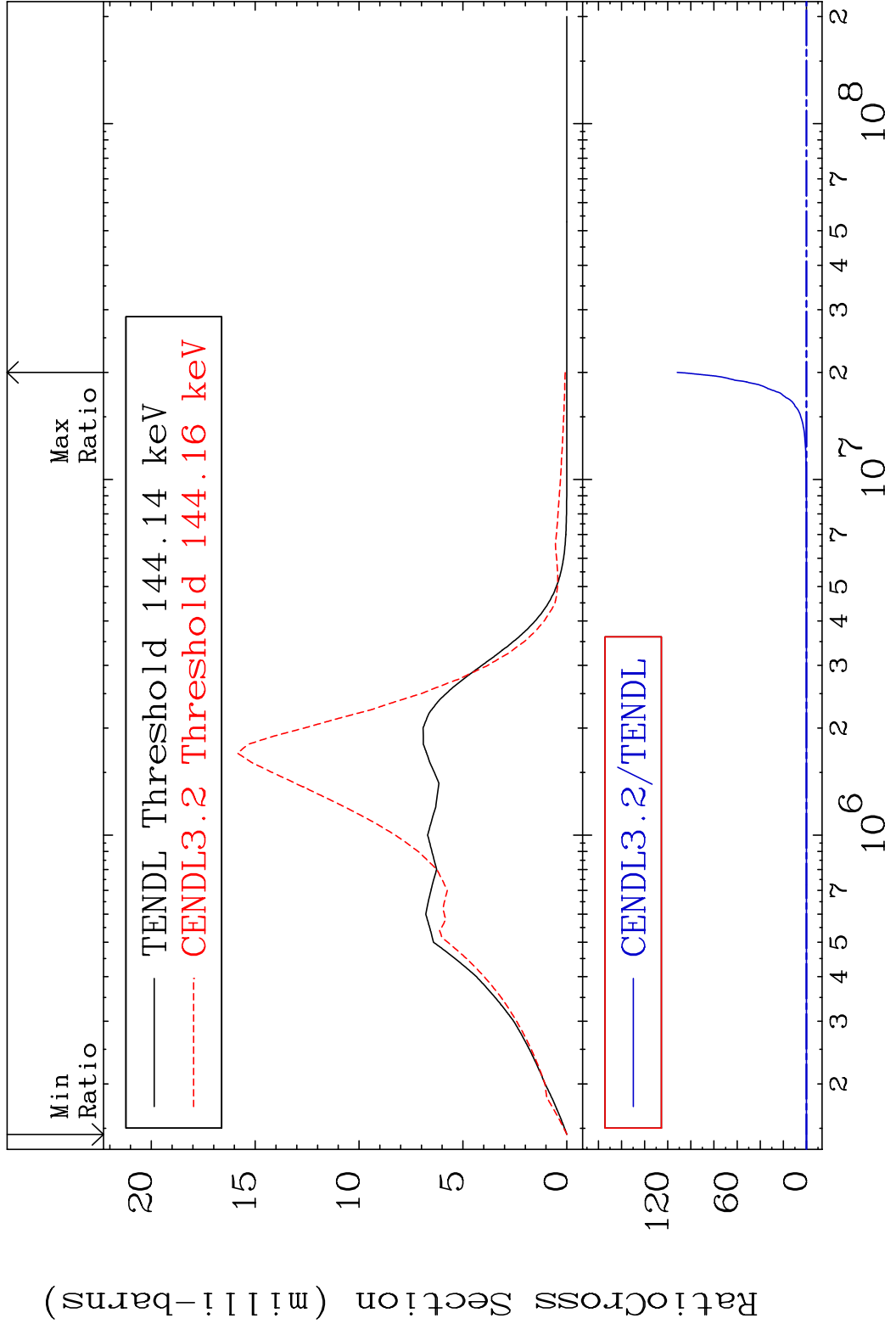
MAT 4325 (n, n') p 43-Tc-99
 Cross Section -100.0 To 0.500 %



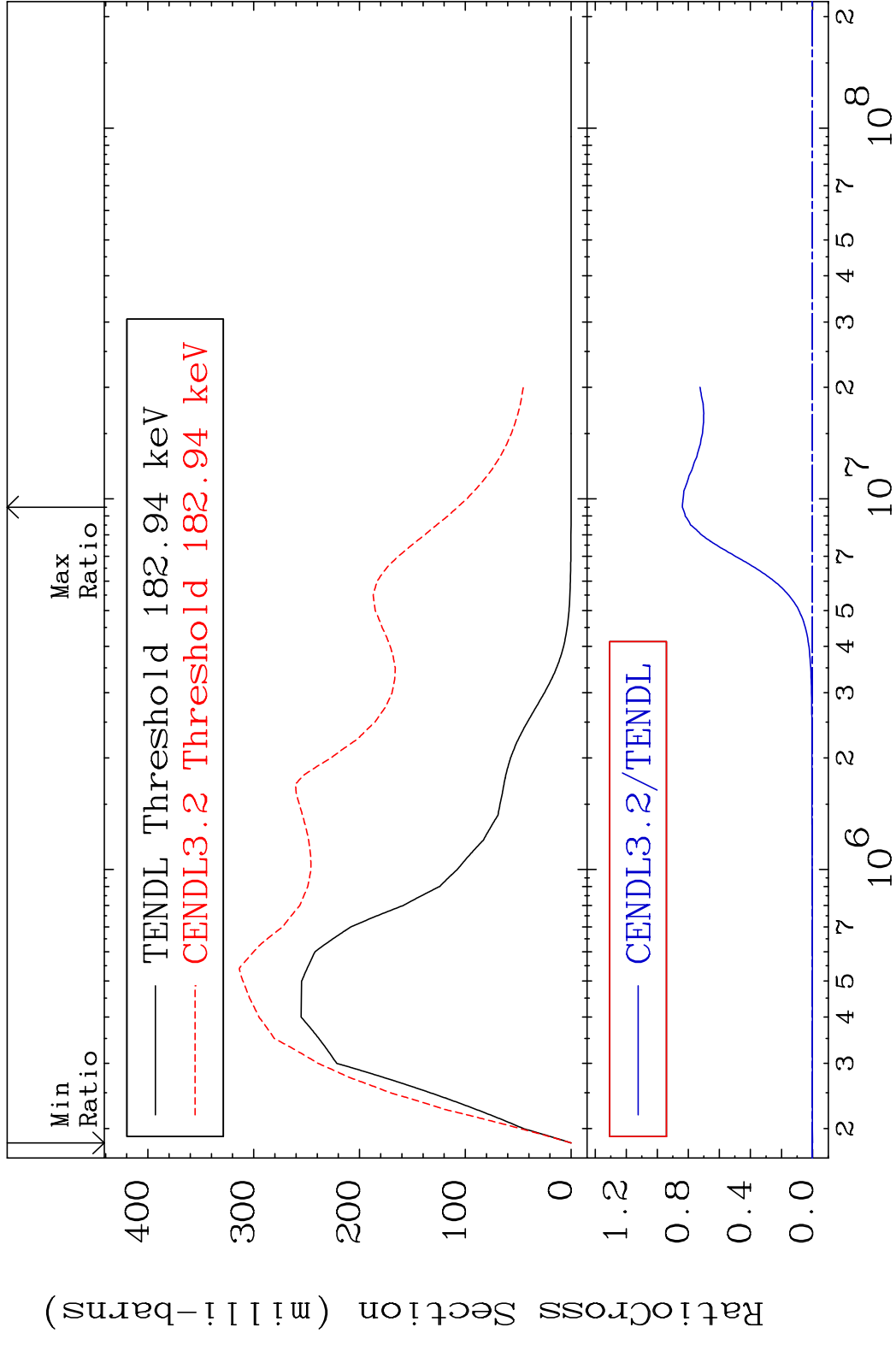
MAT 4325 MT= 51 (n, n') Level 43-Tc-99
 Cross Section -9.612 To 9999. %



MAT 4325 MT= 52 (n, n') Level 43-Tc-99
 Cross Section -100.0 To 9999. %

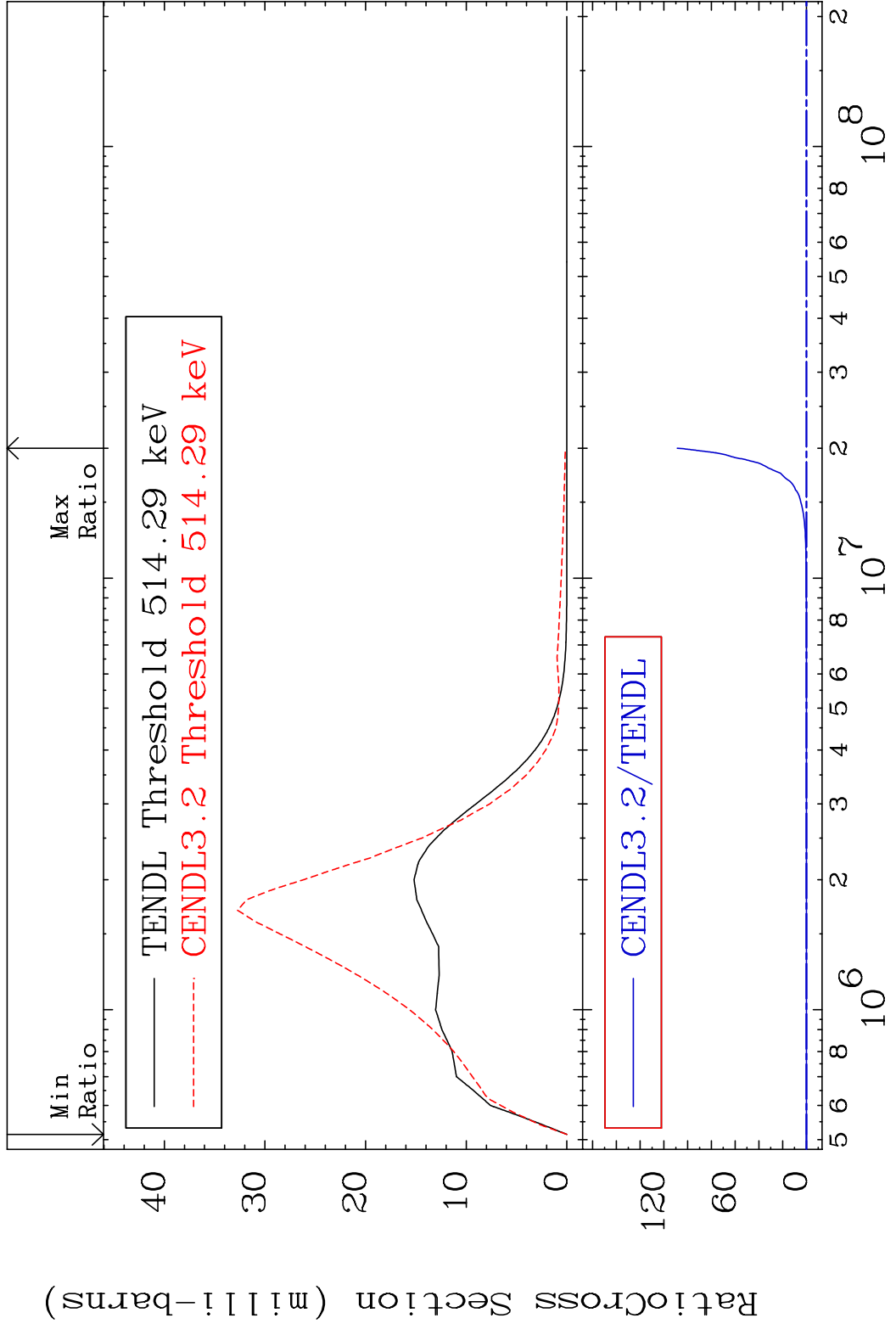


MAT 4325 MT= 53 (n, n') Level 43-Tc-99
 Cross Section -100.0 To 9999. %

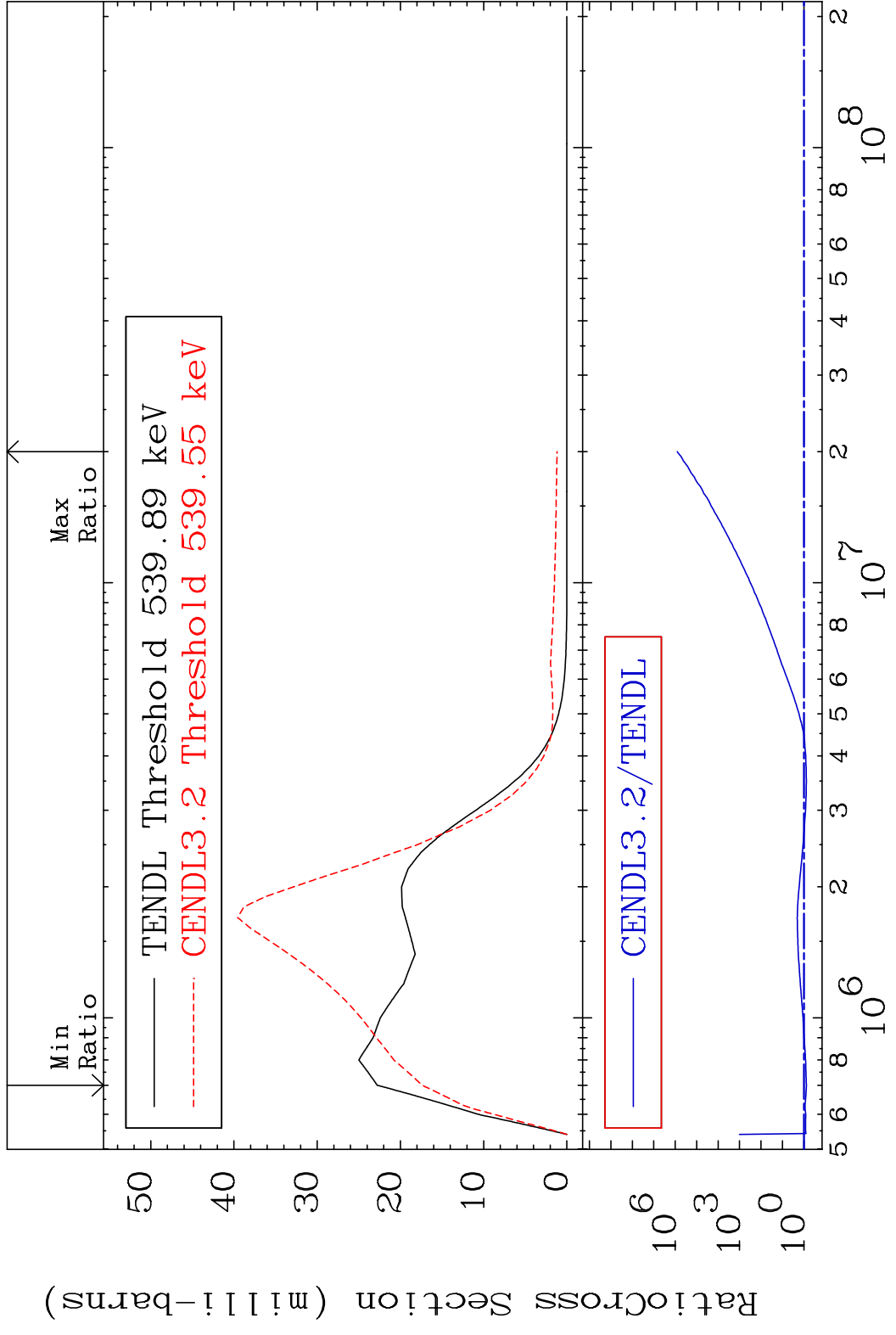


10 Incident Energy (eV) 43-Tc-99

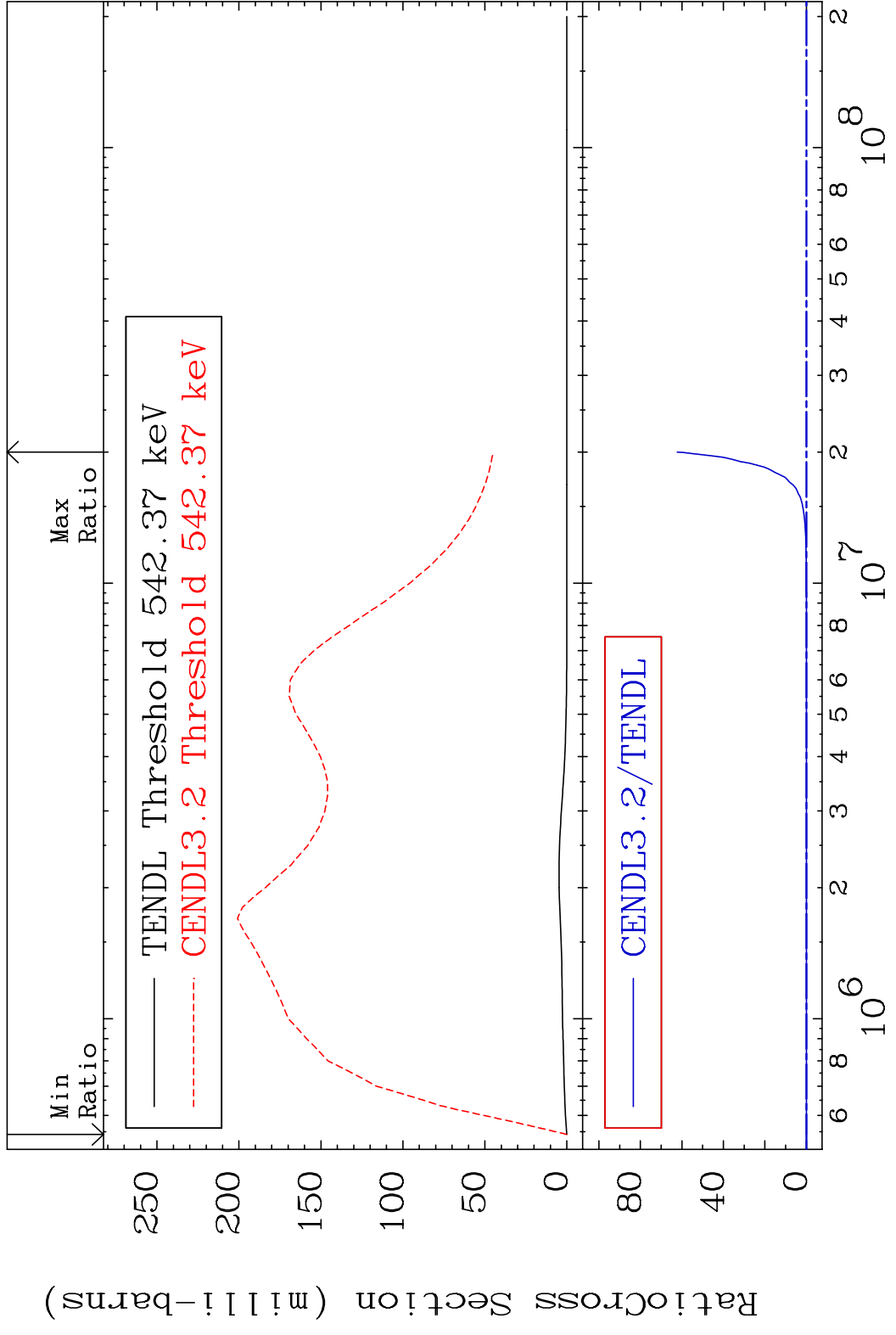
MAT 4325 MT= 54 (n, n') Level 43-Tc-99
 Cross Section -100.0 To 9999. %



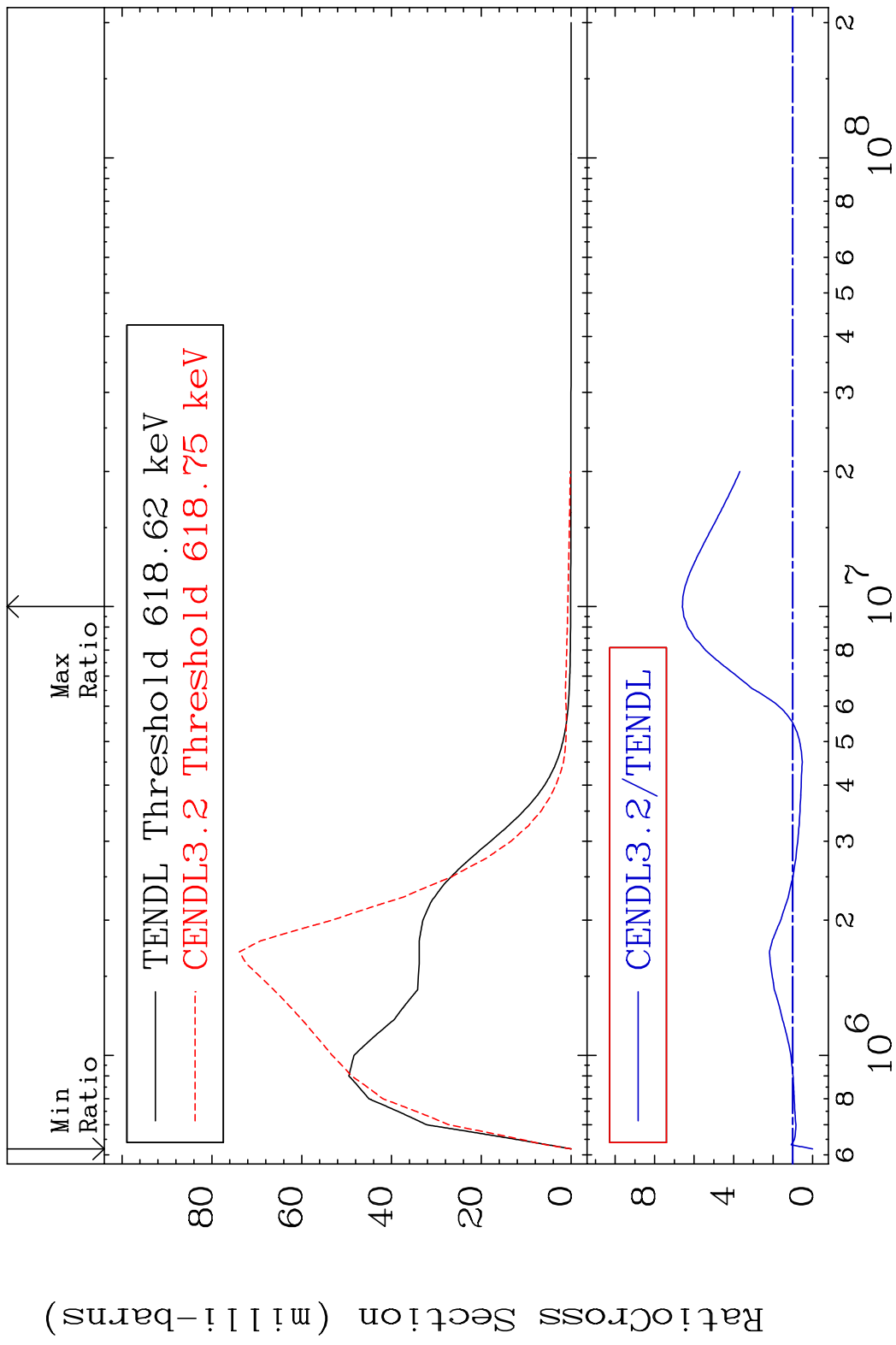
MAT 4325 MT= 55 (n, n') Level 43-Tc-99
 Cross Section -23.70 To 9999. %



MAT 4325 MT= 56 (n, n') Level 43-Tc-99
 Cross Section -100.0 To 9999. %

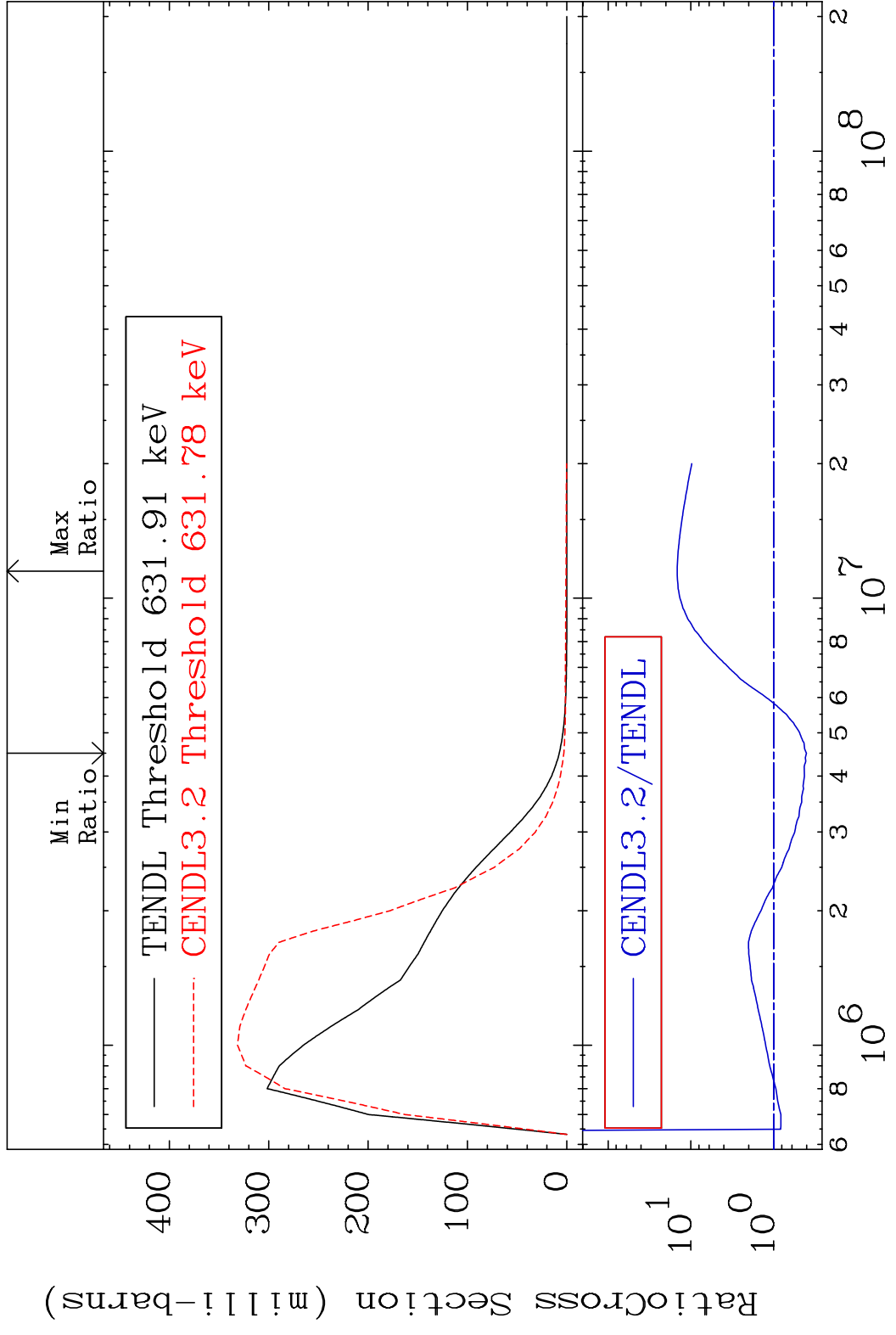


MAT 4325 MT= 57 (n, n') Level 43-Tc-99
 Cross Section -100.0 To 559.7 %

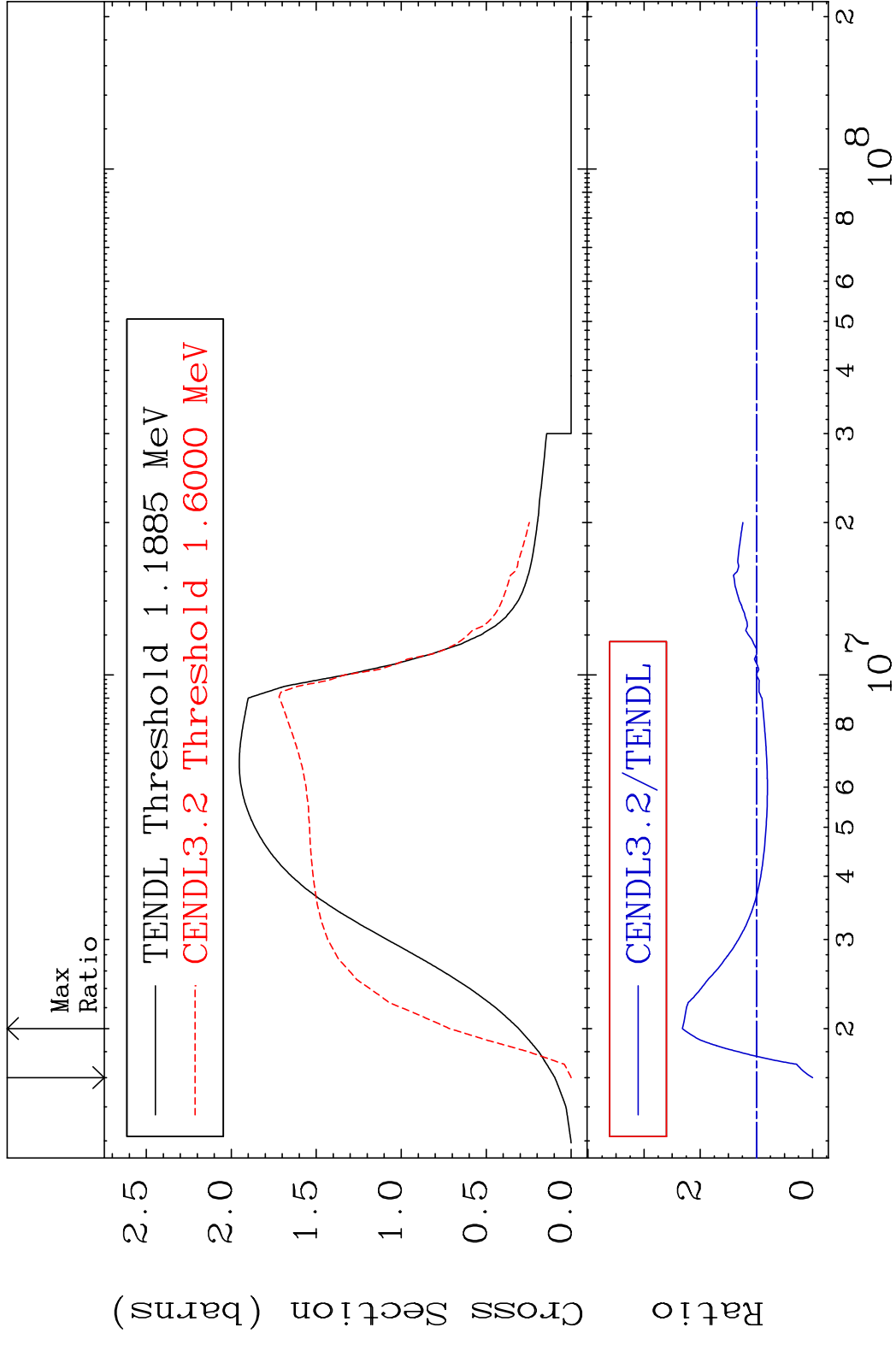


14 Incident Energy (eV) 43-Tc-99

MAT 4325 MT= 58 (n, n') Level 43-Tc-99
 Cross Section -59.76 To 1363. %

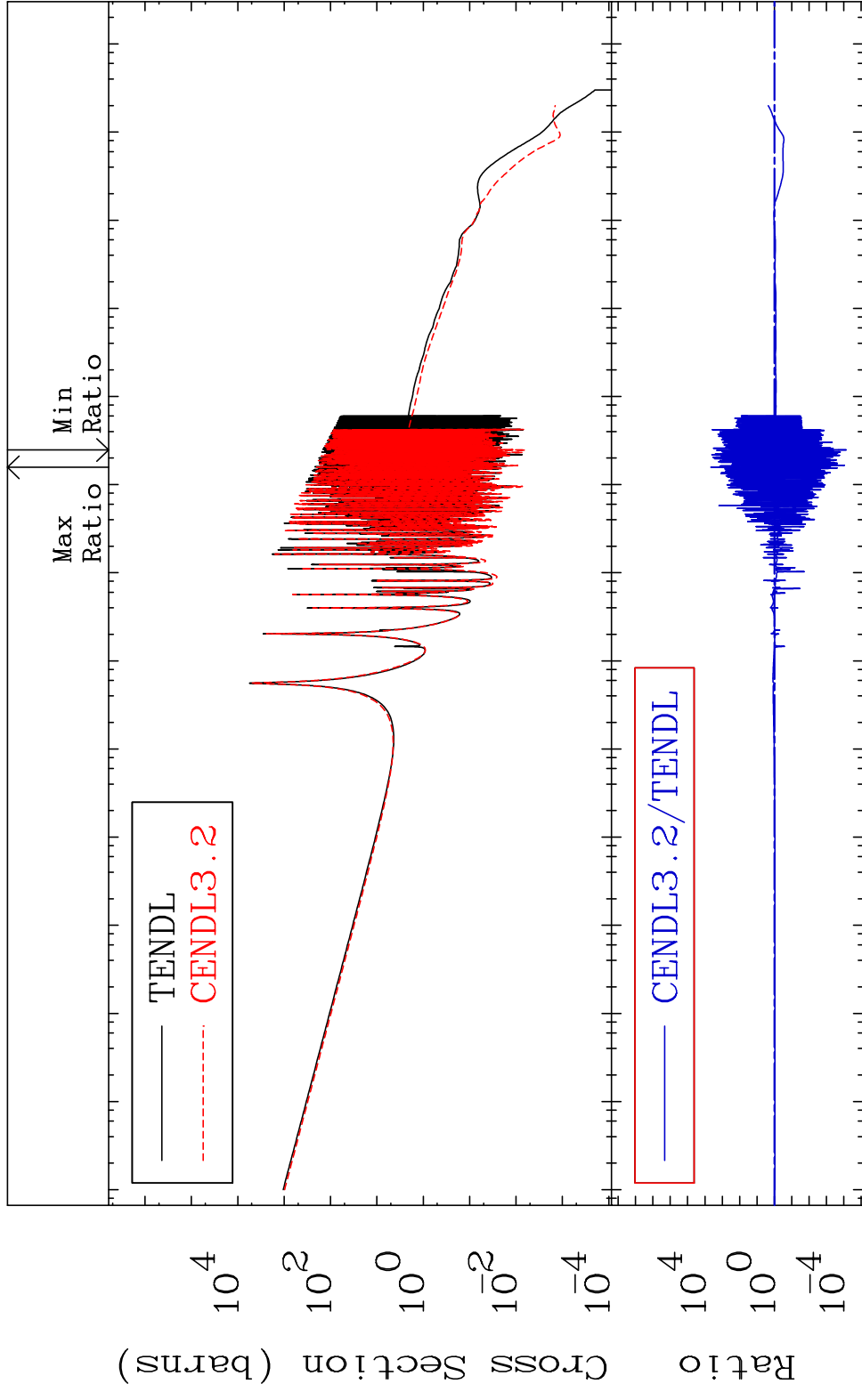


MAT 4325 (n, n') Continuum 43-Tc-99
 Cross Section -100.0 To 131.9 %



MAT 4325

(n, γ)
Cross Section -99.99 To 9999. %
43-Tc-99

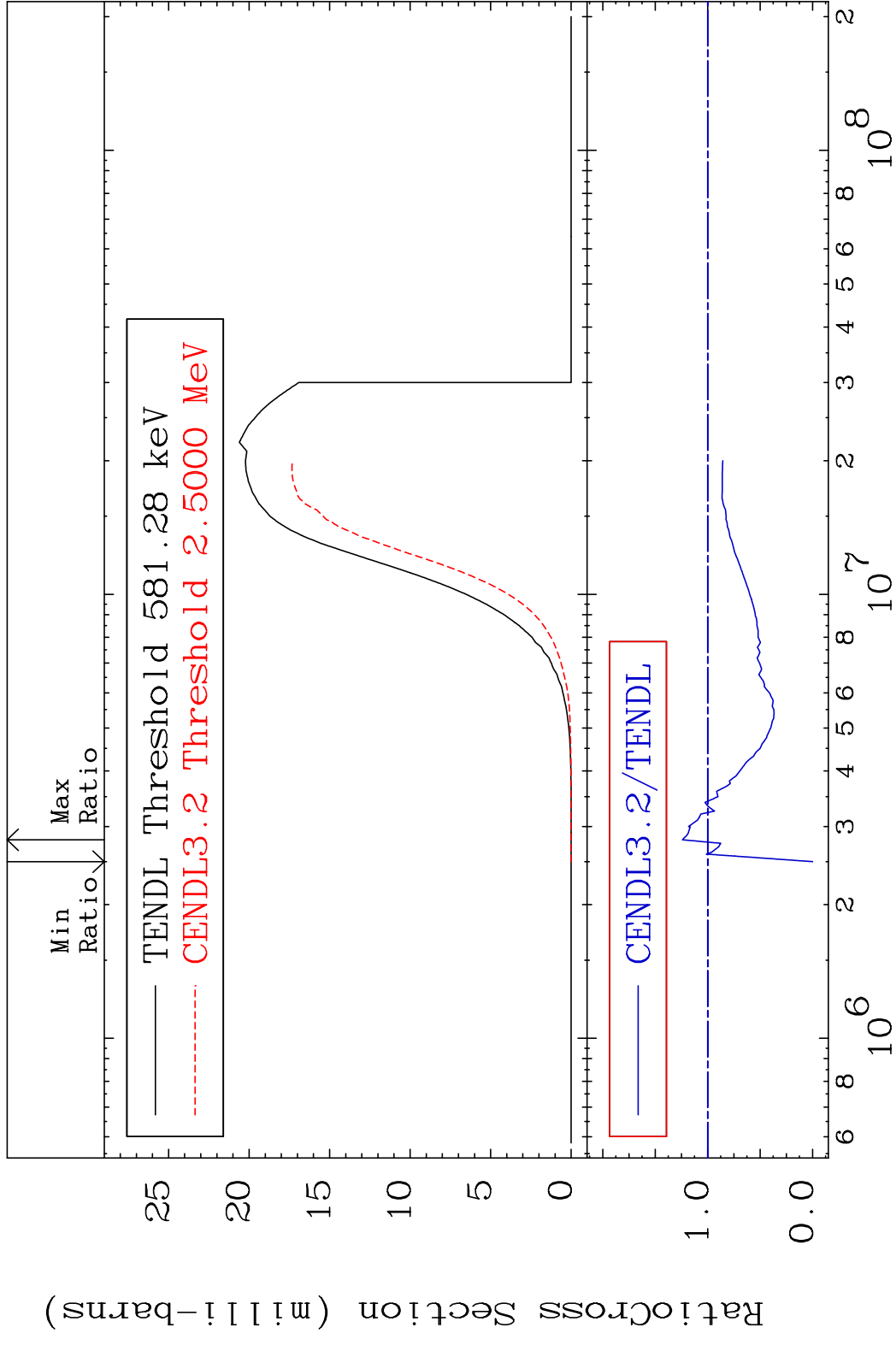


17

Incident Energy (eV)

43-Tc-99

MAT 4325 (n,p) 43-Tc-99
 Cross Section -100.0 To 24.10 %



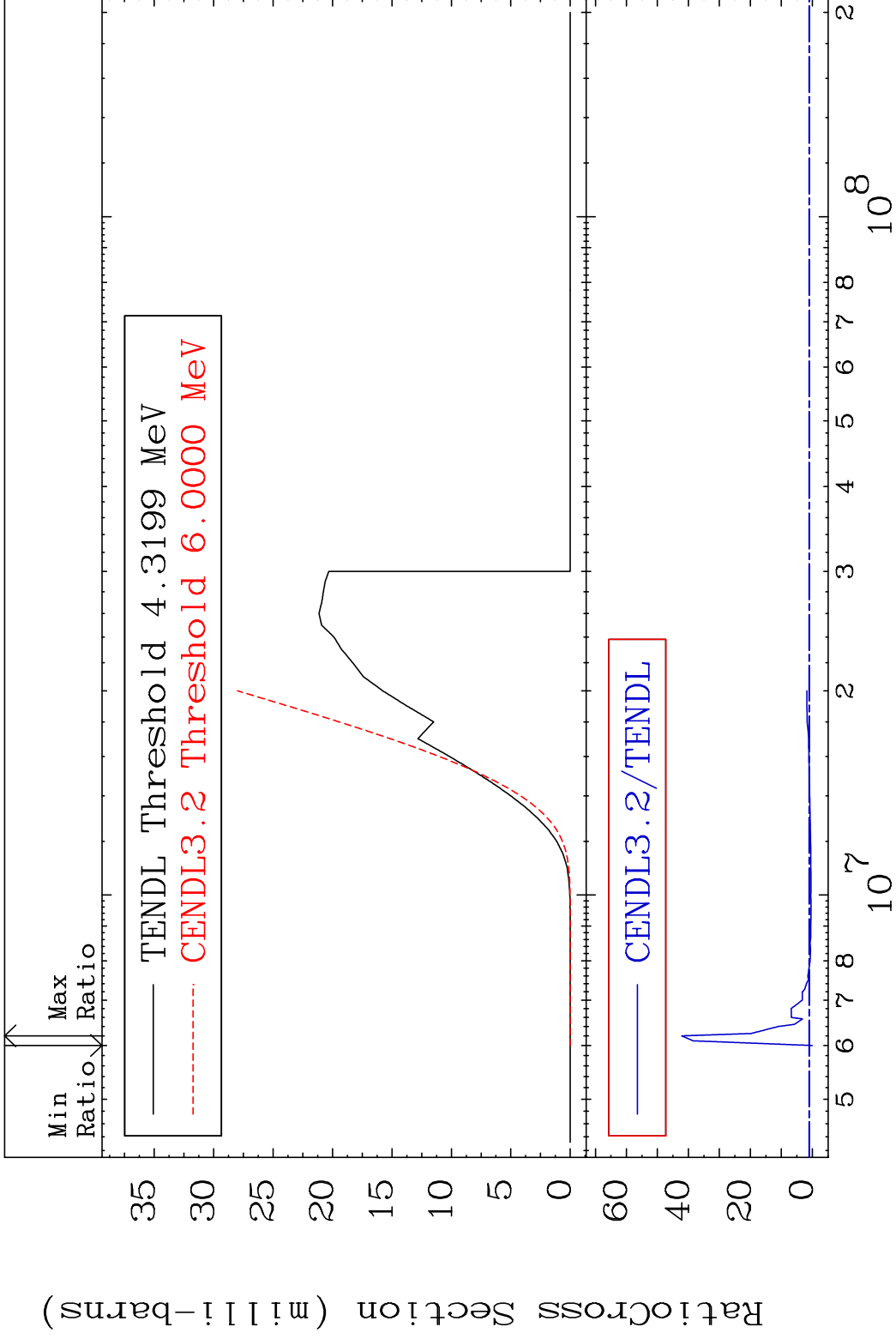
18 43-Tc-99

MAT 4325

(n,d)

43-Tc-99

Cross Section -100.0 To 4115. %

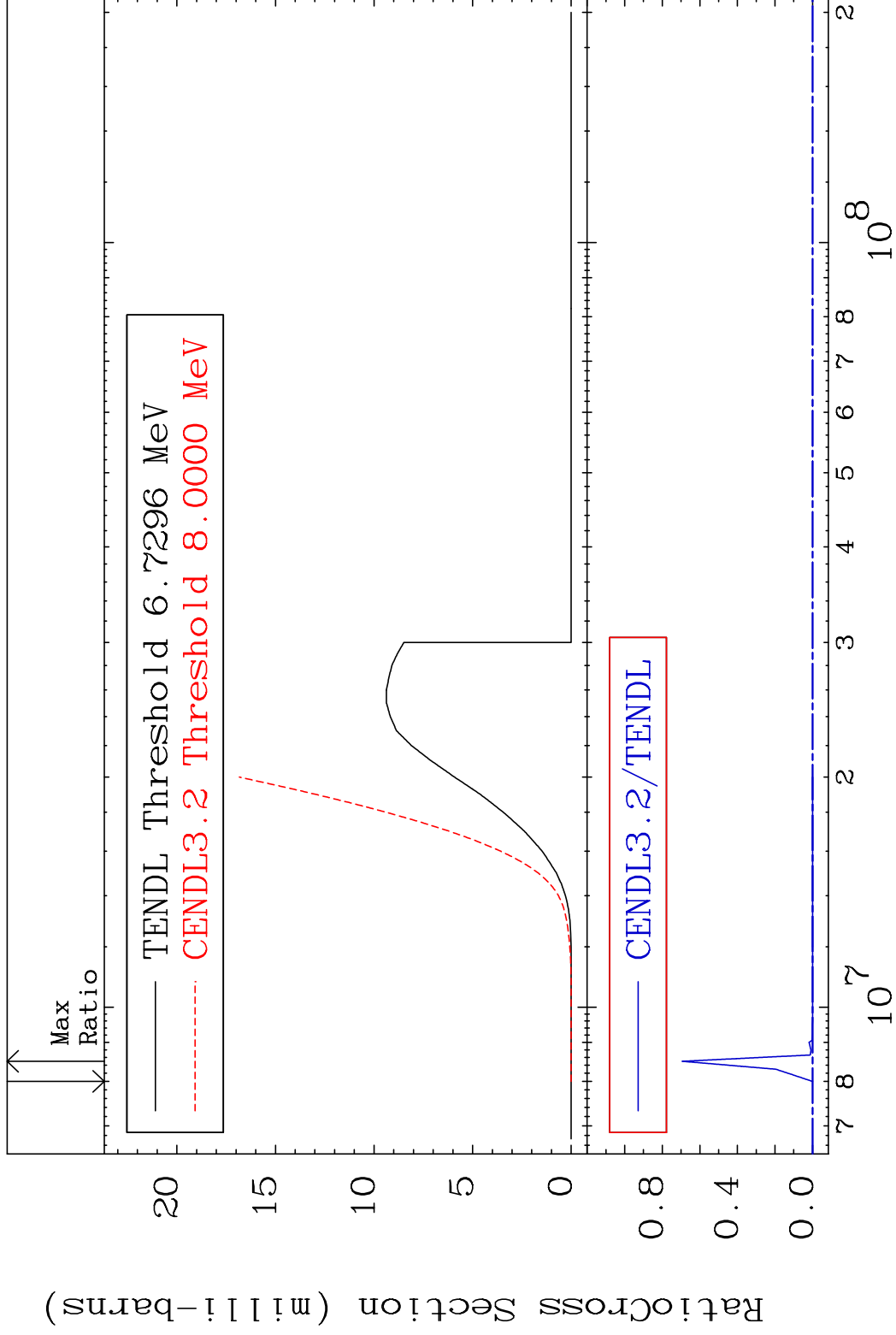


MAT 4325

(n, t)

43-Tc-99

Cross Section -100.0 To 9999. %



20

Incident Energy (eV)

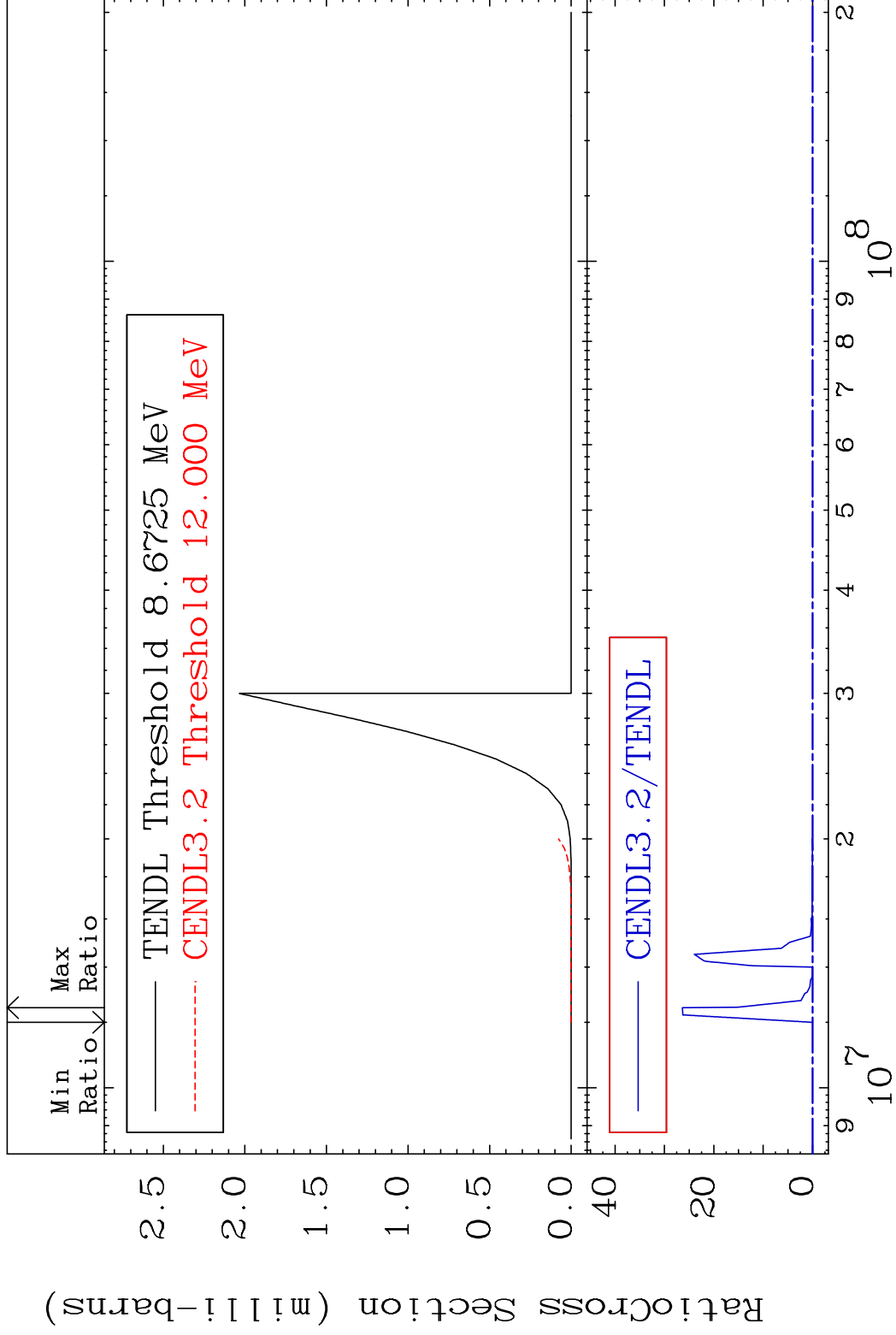
43-Tc-99

MAT 4325

(n, He-3)

43-Tc-99

Cross Section -100.0 To 9999. %



21

Incident Energy (eV)

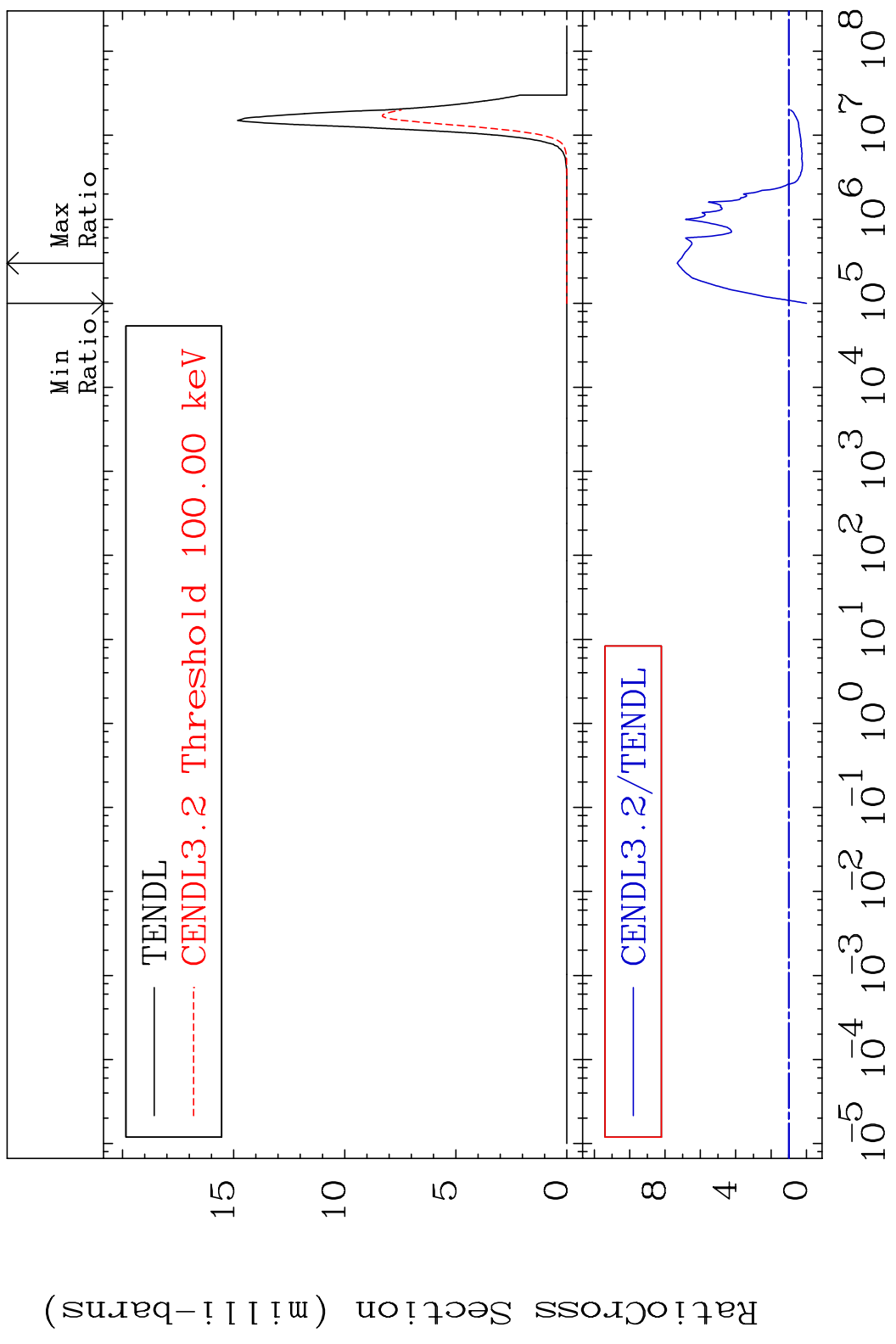
43-Tc-99

MAT 4325

(n, α)

43-Tc-99

Cross Section -100.0 To 631.2 %

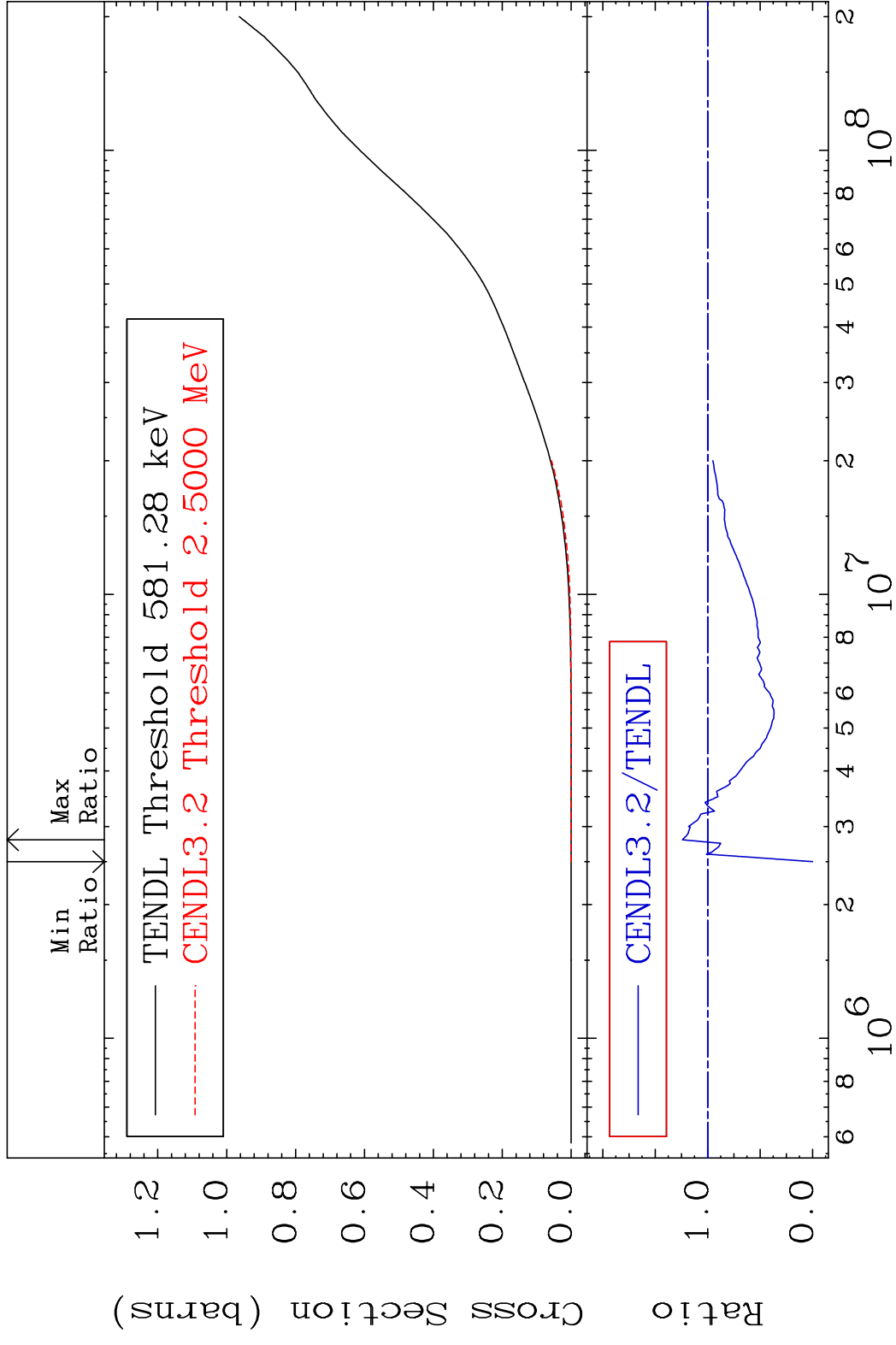


22

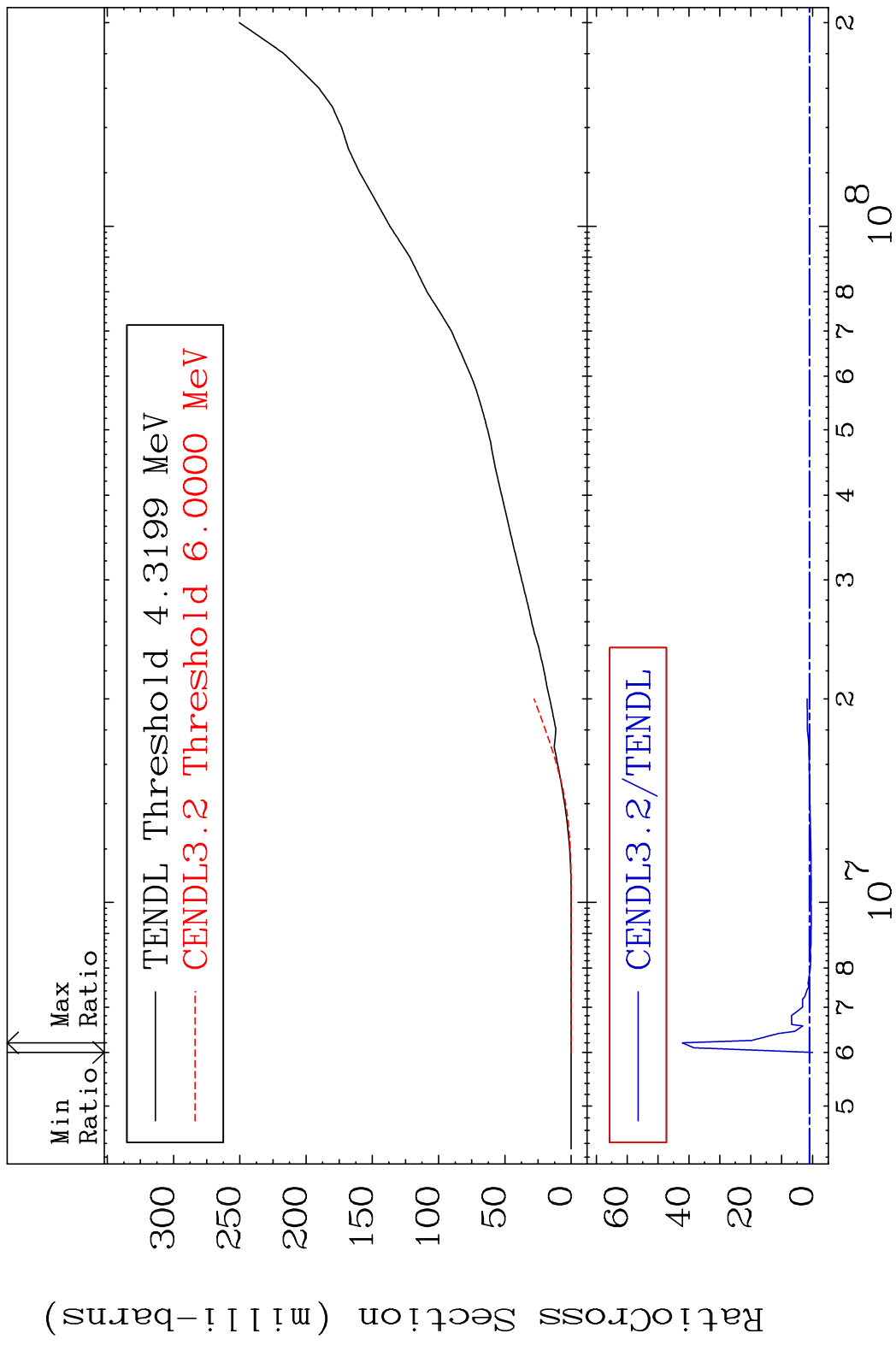
Incident Energy (eV)

43-Tc-99

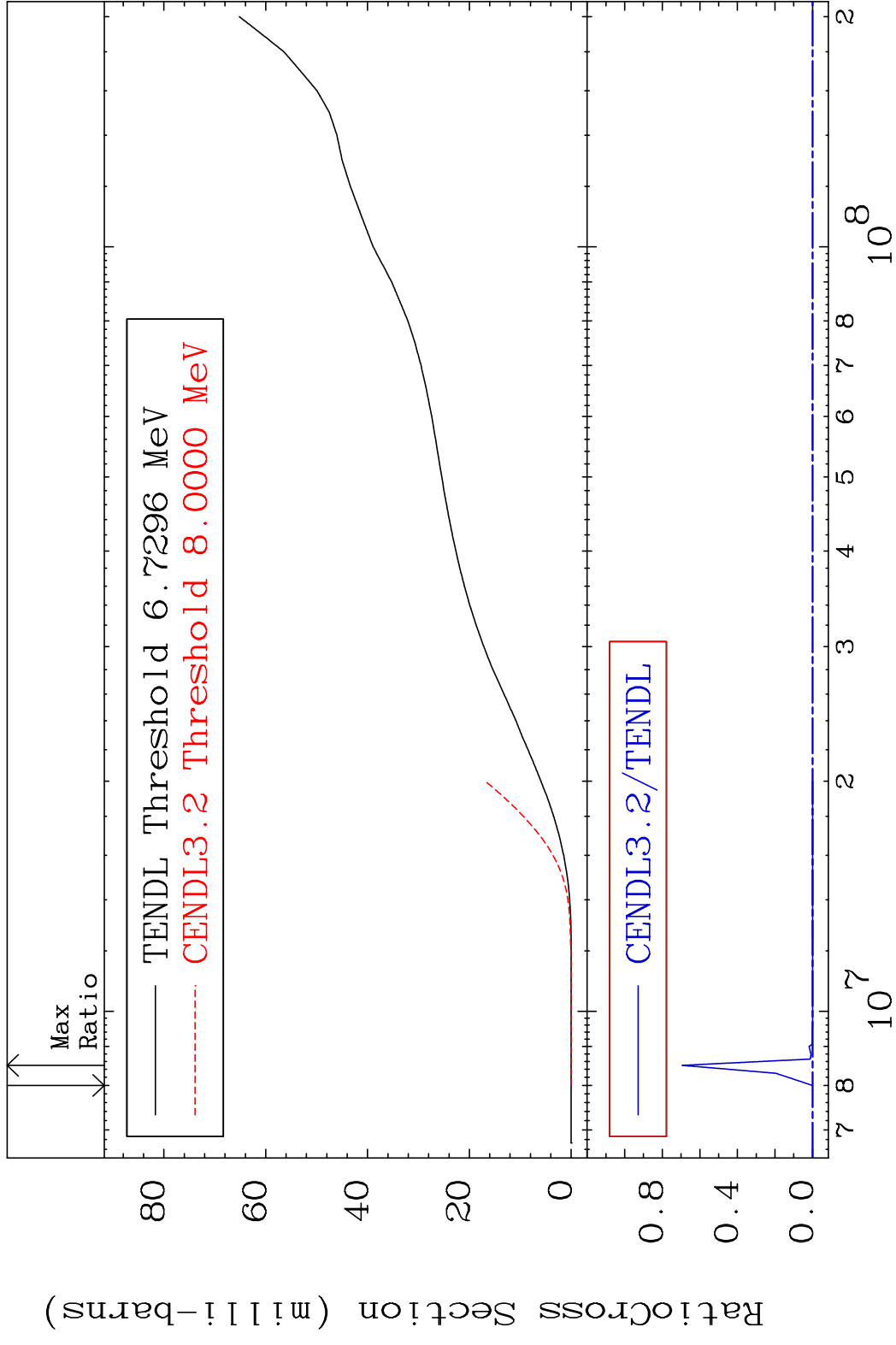
MAT 4325 Hydrogen Production 43-Tc-99
 Cross Section -100.0 To 24.10 %



MAT 4325 Deuterium Production 43-Tc-99
 Cross Section -100.0 To 4115. %



MAT 4325 Tritium Production 43-Tc-99
 Cross Section -100.0 To 9999. %

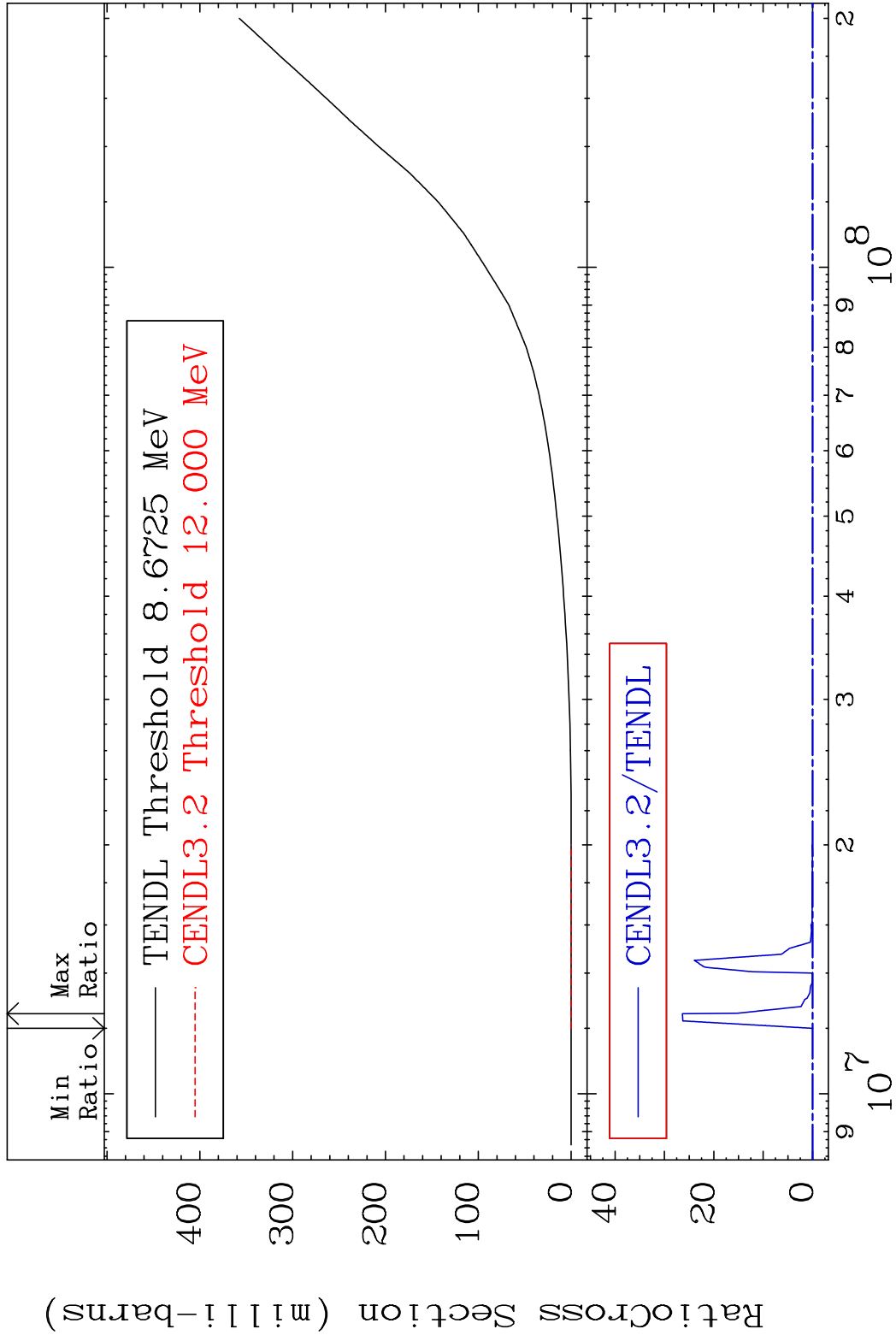


MAT 4325

He-3 Production

43-Tc-99

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

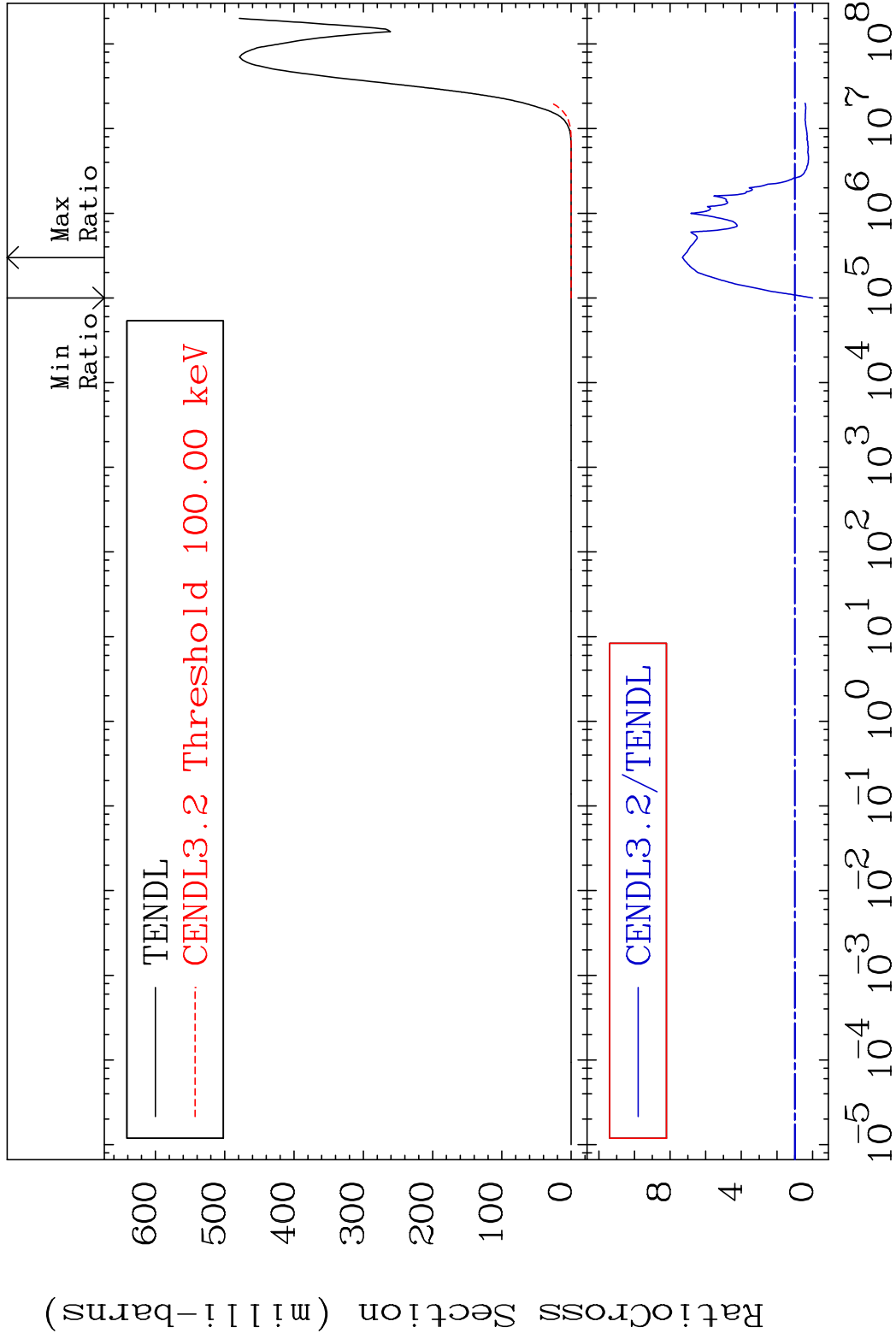
43-Tc-99

MAT 4325

He-4 Production

43-Tc-99

Cross Section -100.0 To 631.2 %

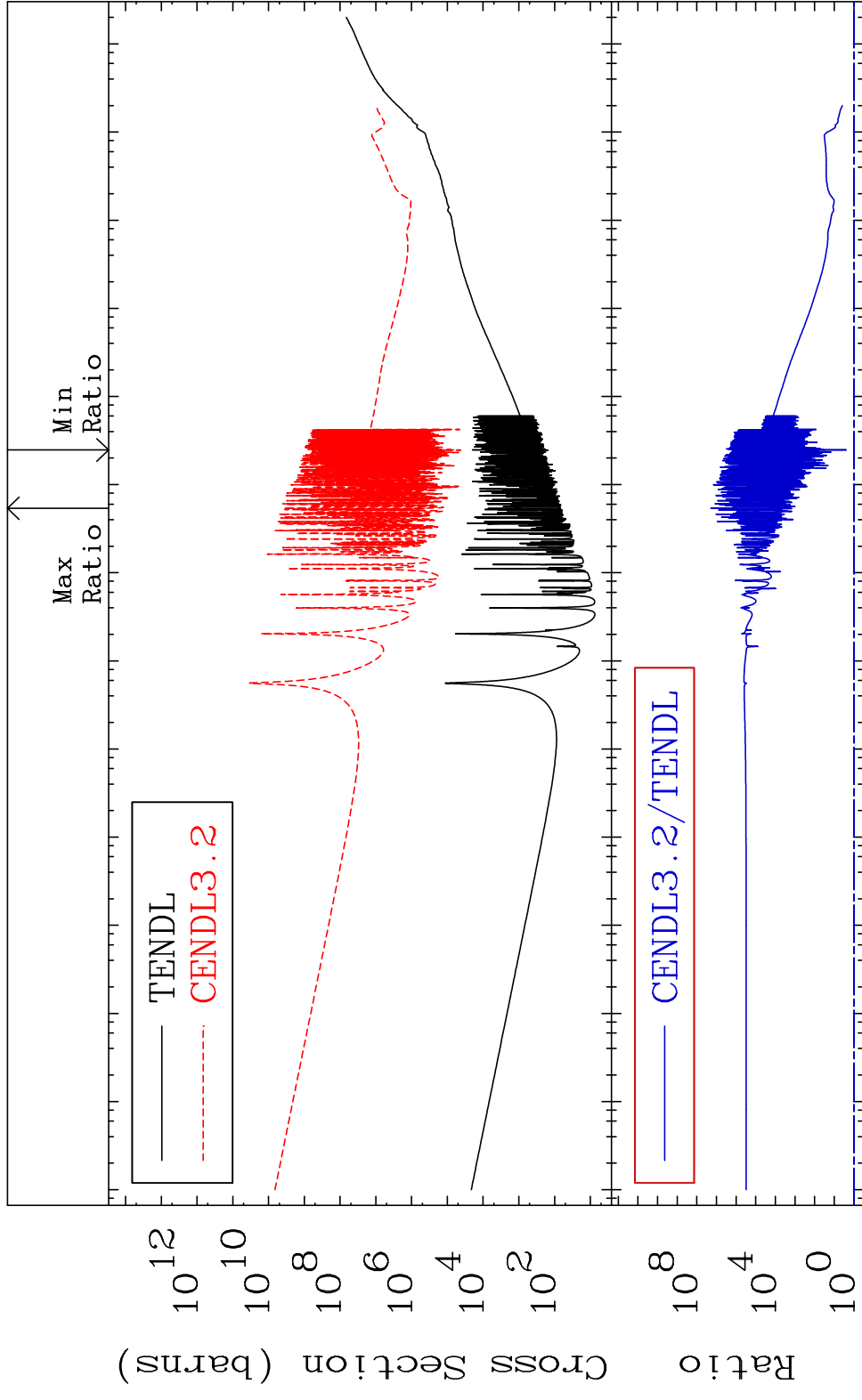


27

Incident Energy (eV)

43-Tc-99

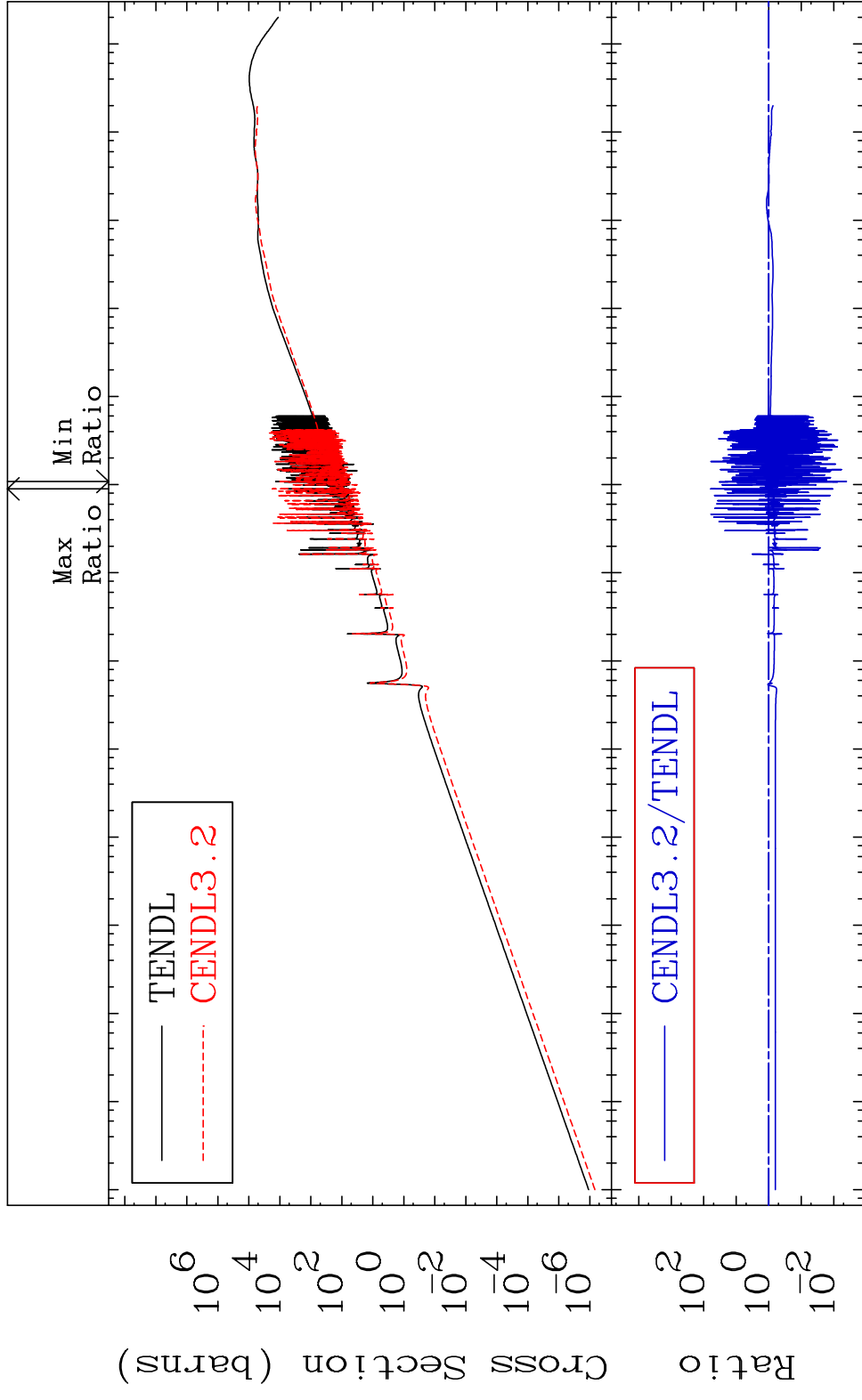
MAT 4325 Kerma total (eV-barns) 43-Tc-99
 Cross Section 143.2 To 9999. %



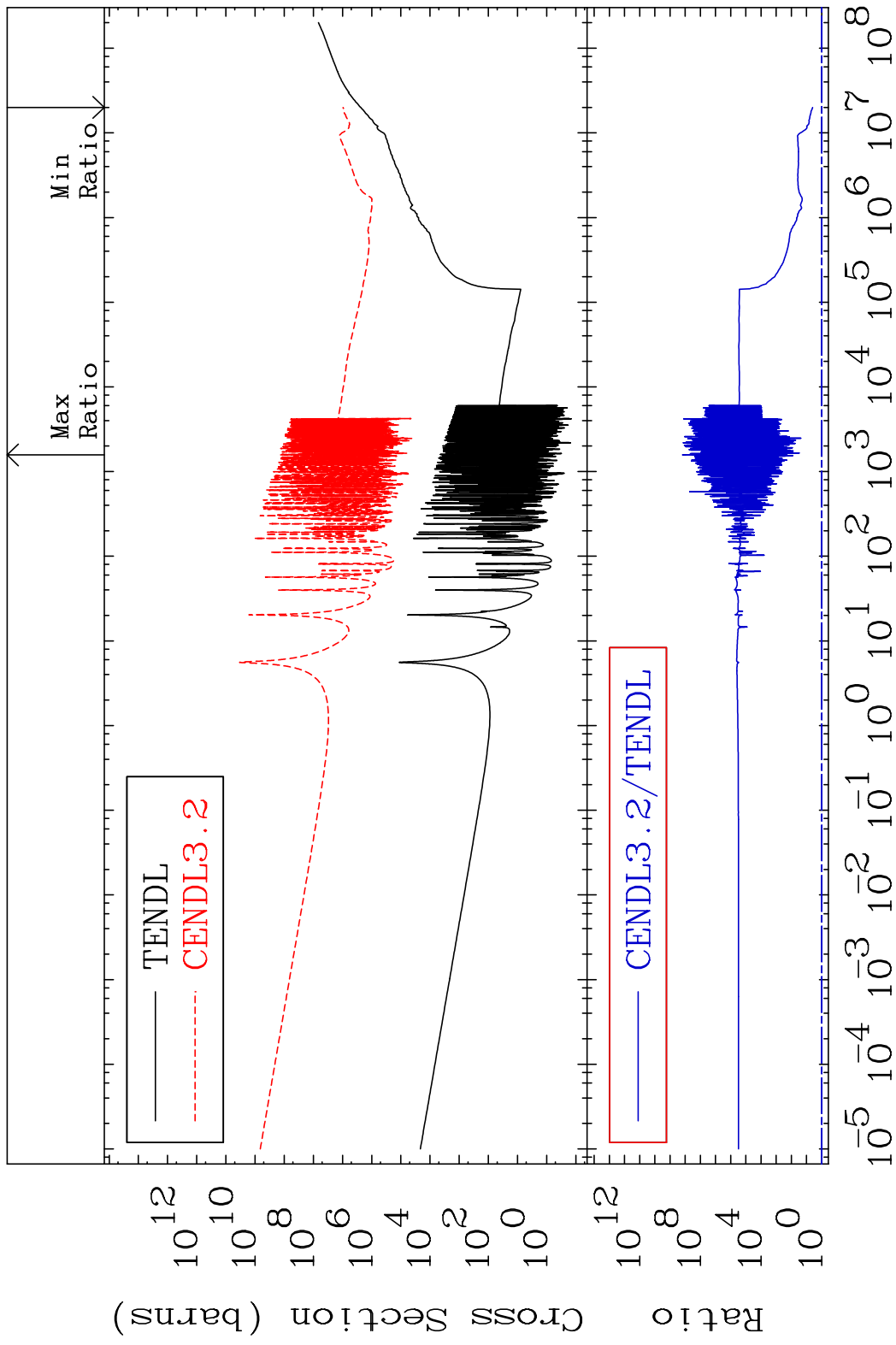
28 Incident Energy (eV) 43-Tc-99

MAT 4325

Kerma elastic Cross Section -99.59 To 6000. %
43-Tc-99

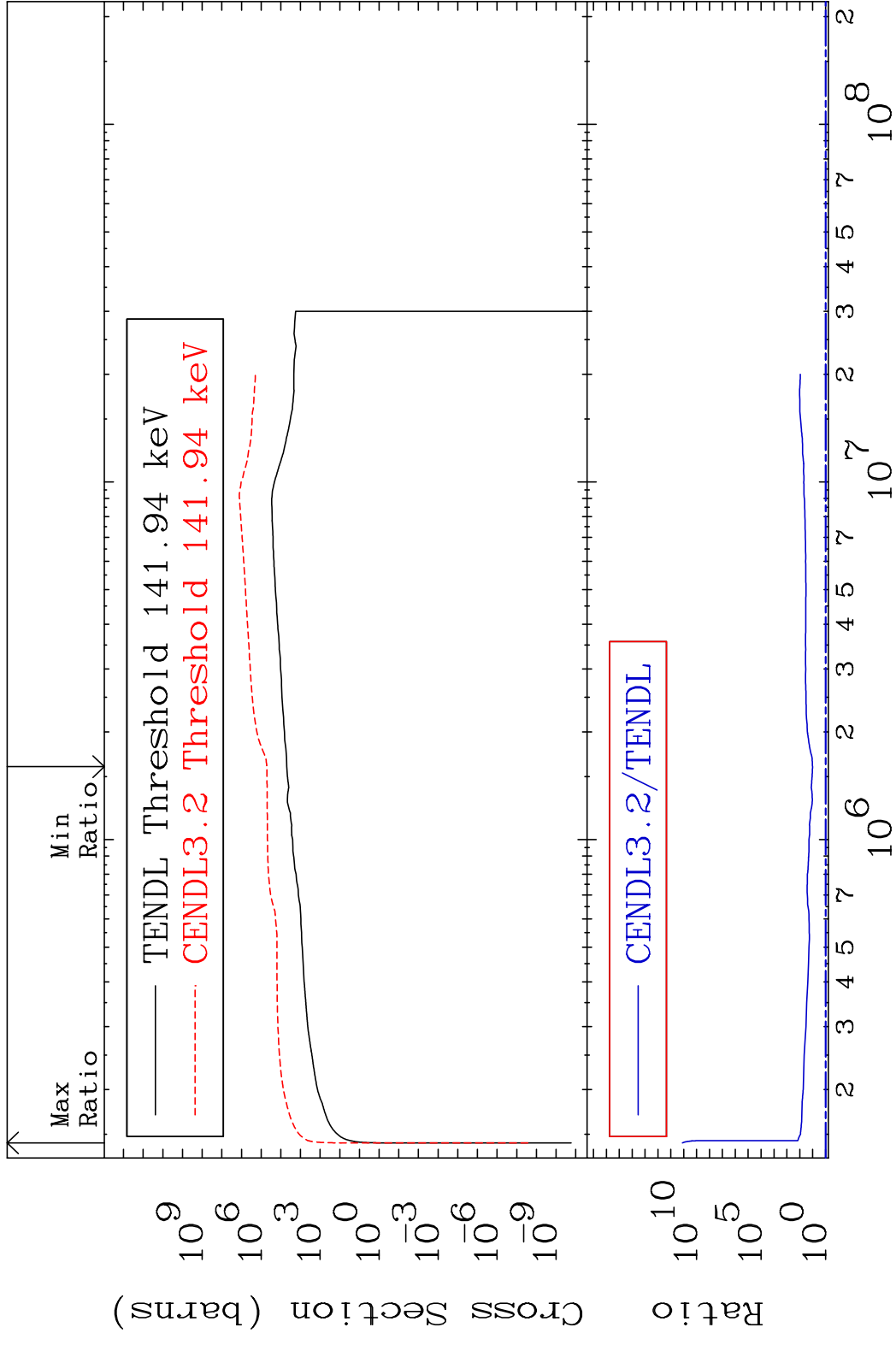


MAT 4325 Kerma non-elastic (all but mt2) 43-Tc-99
 Cross Section 300.9 To 9999. %

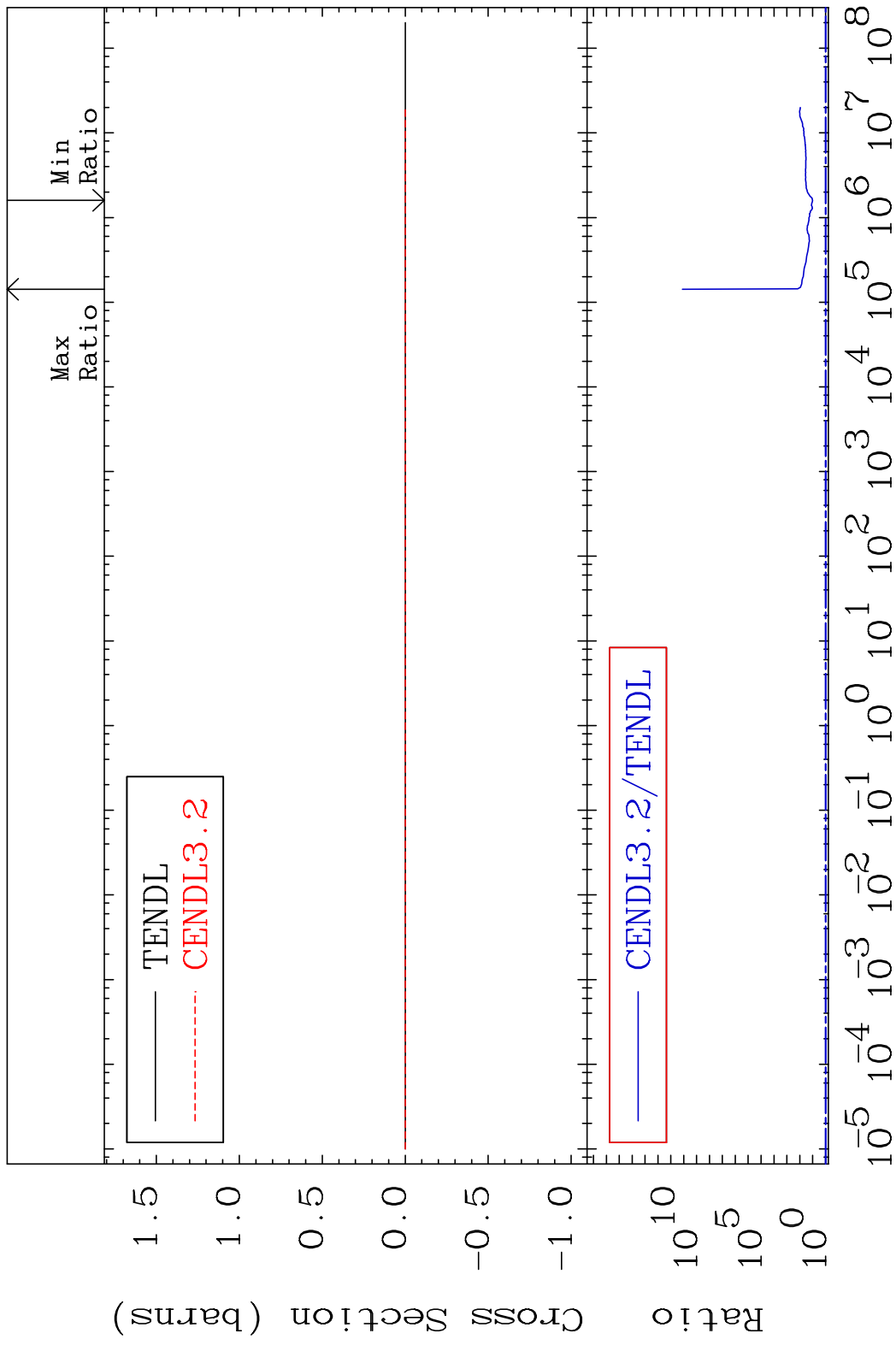


30 Incident Energy (eV) 43-Tc-99

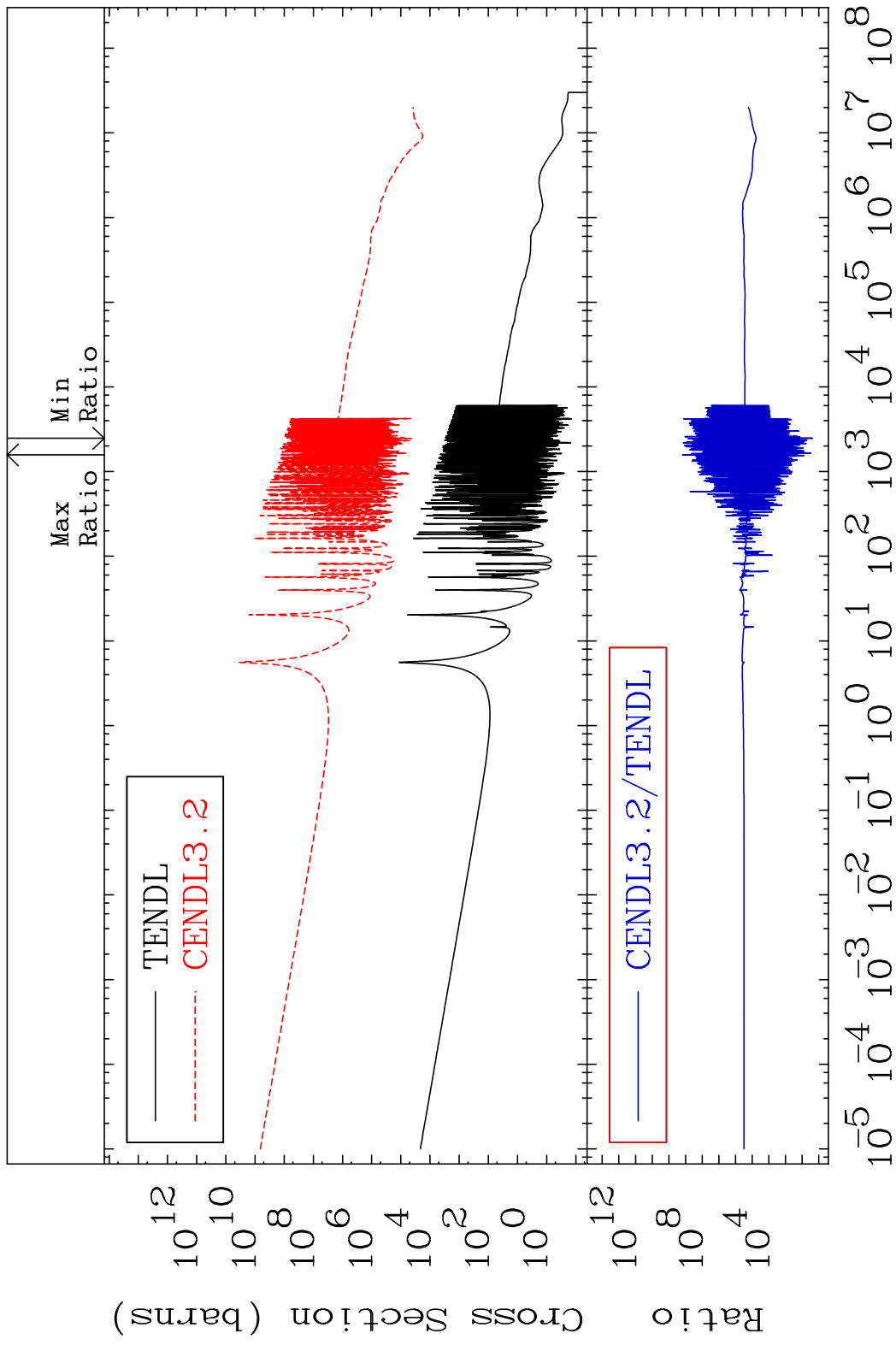
MAT 4325 Kerma inelastic (mt51-91) 43-Tc-99
 Cross Section 917.2 To 9999. %



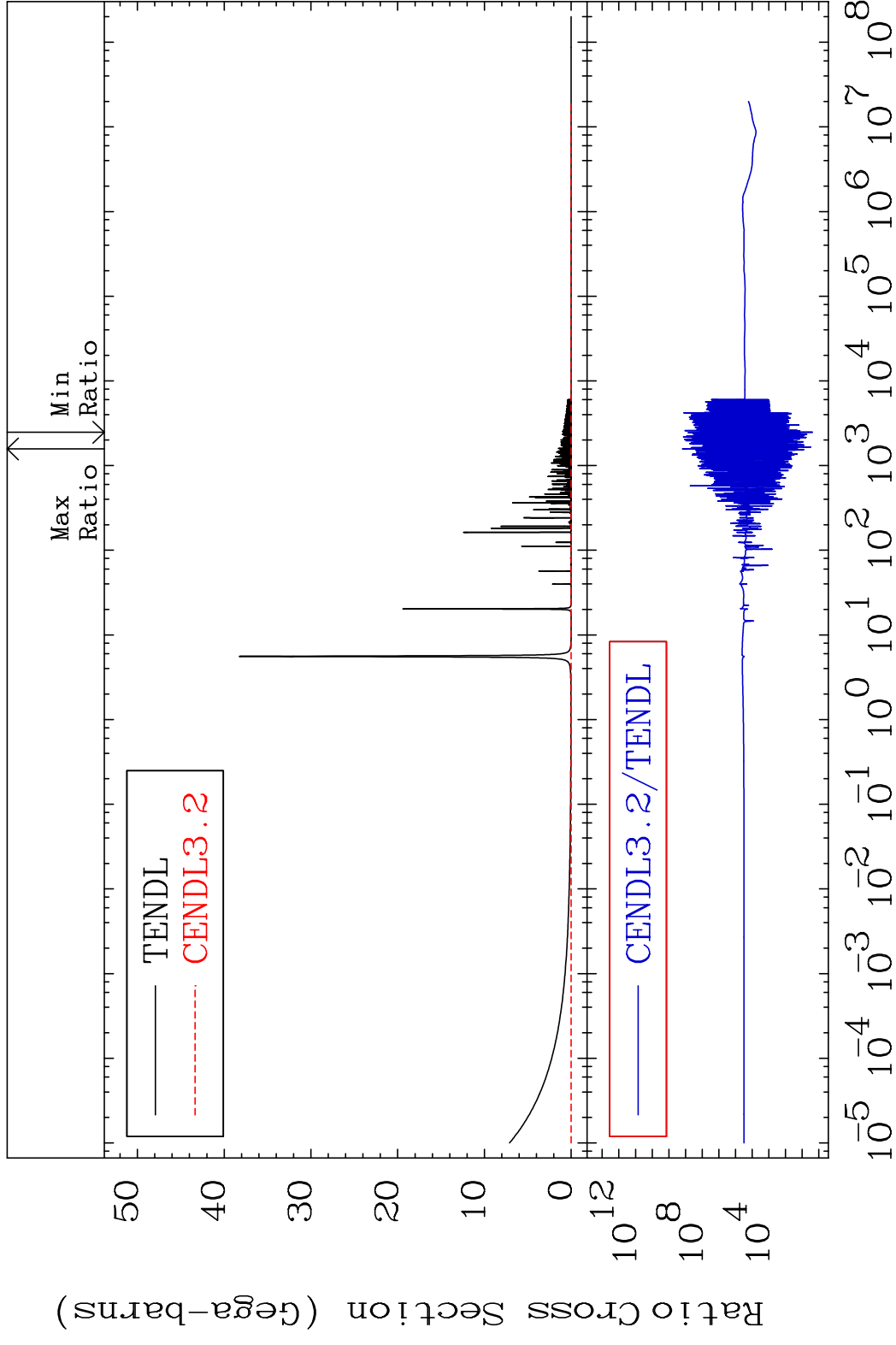
MAT 4325 Kerma fission (mt18 or mt19-20-21-38) 43-Tc-99
 Cross Section 917.2 To 9999. %



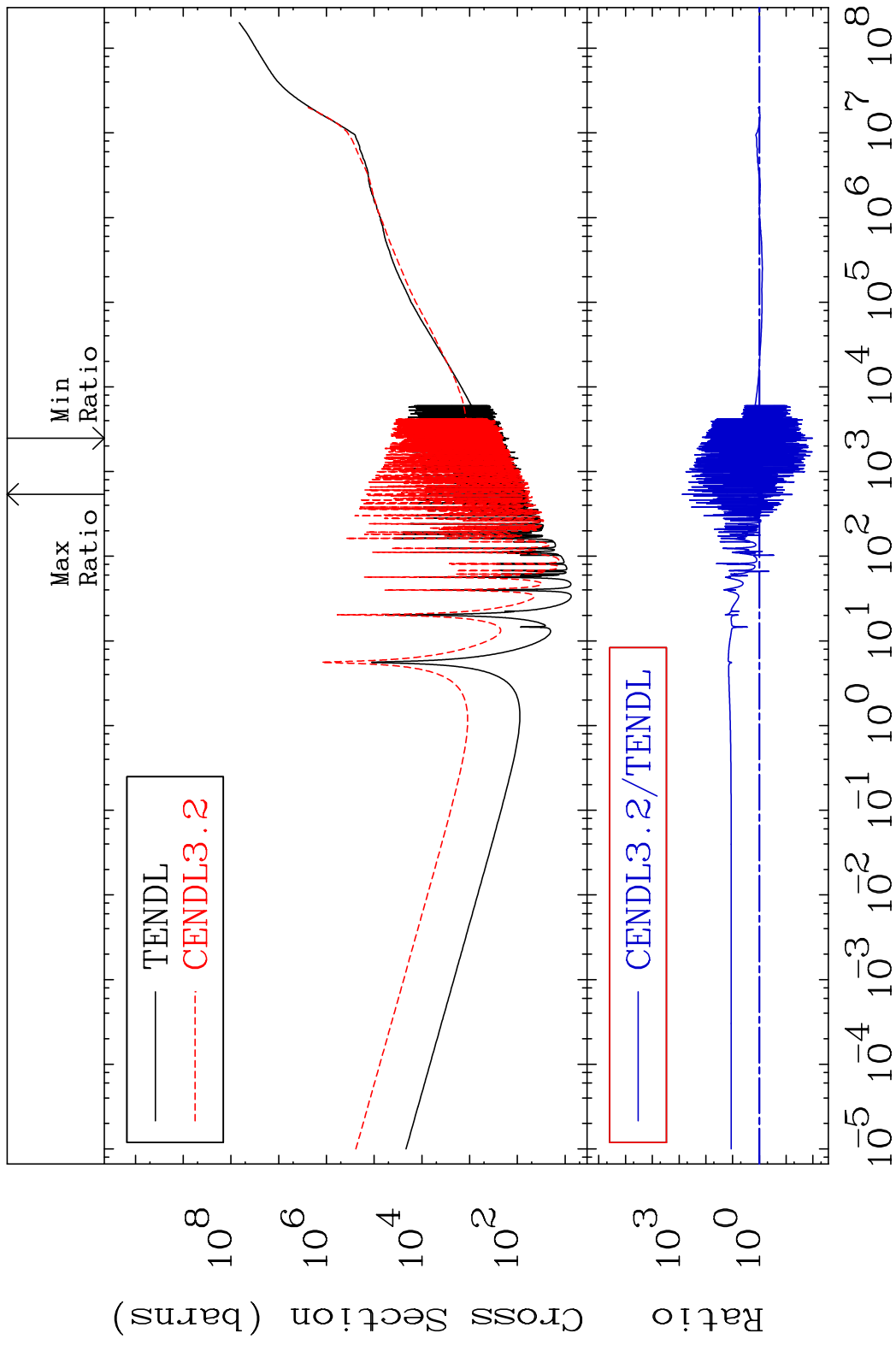
MAT 4325 Kerma capture (mt102) 43-Tc-99
 Cross Section 2256. To 9999. %



MAT 4325 Total photon (eV-barns) 43-Tc-99
 Cross Section 2256. To 9999. %

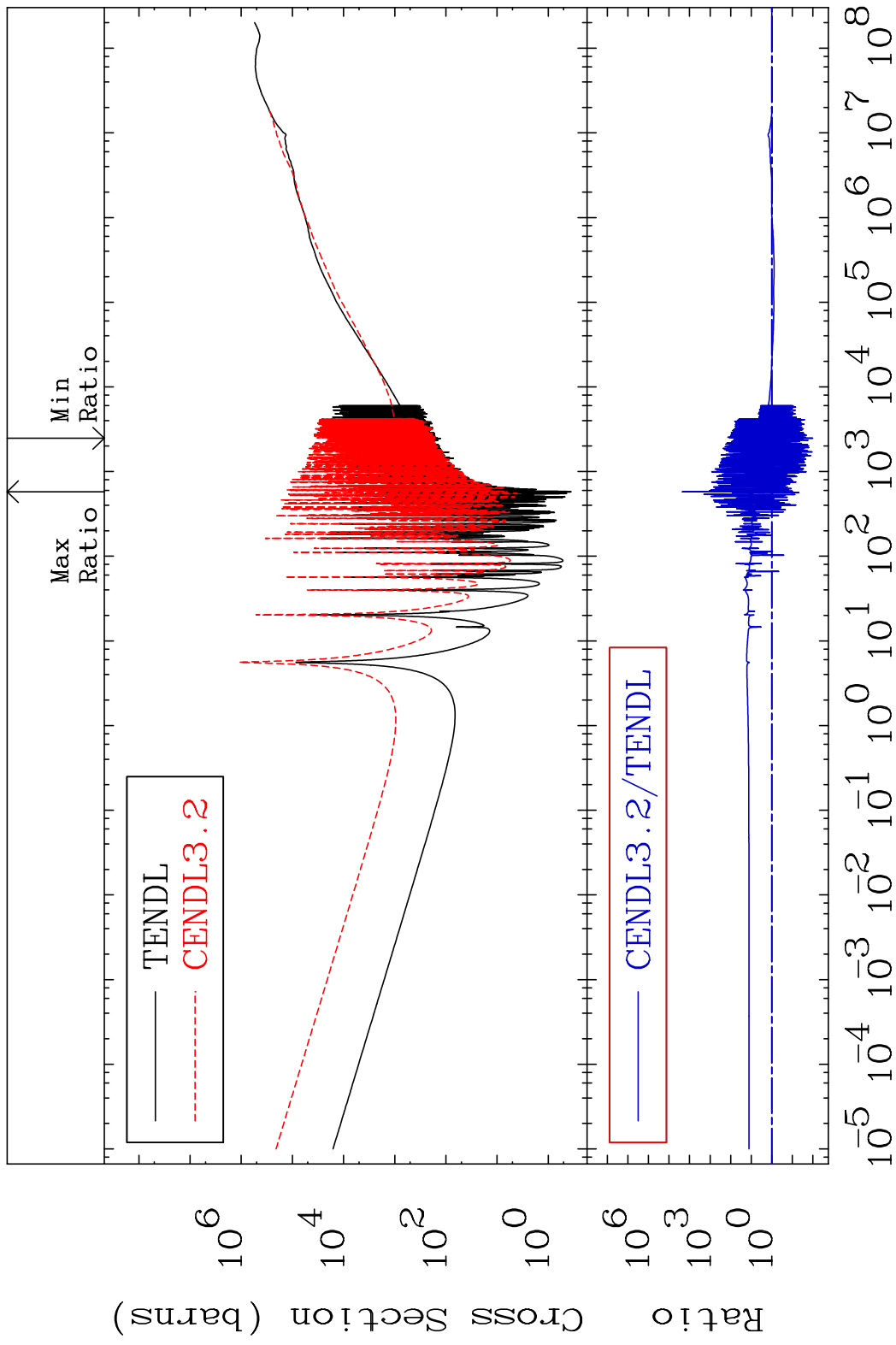


MAT 4325 Total kinematic kerma (high limit) 43-Tc-99
 Cross Section -98.97 To 9999. %



35 Incident Energy (eV) 43-Tc-99

MAT 4325 Dpa total (eV-barns) 43-Tc-99
 Cross Section -98.96 To 9999. %



36 Incident Energy (eV) 43-Tc-99

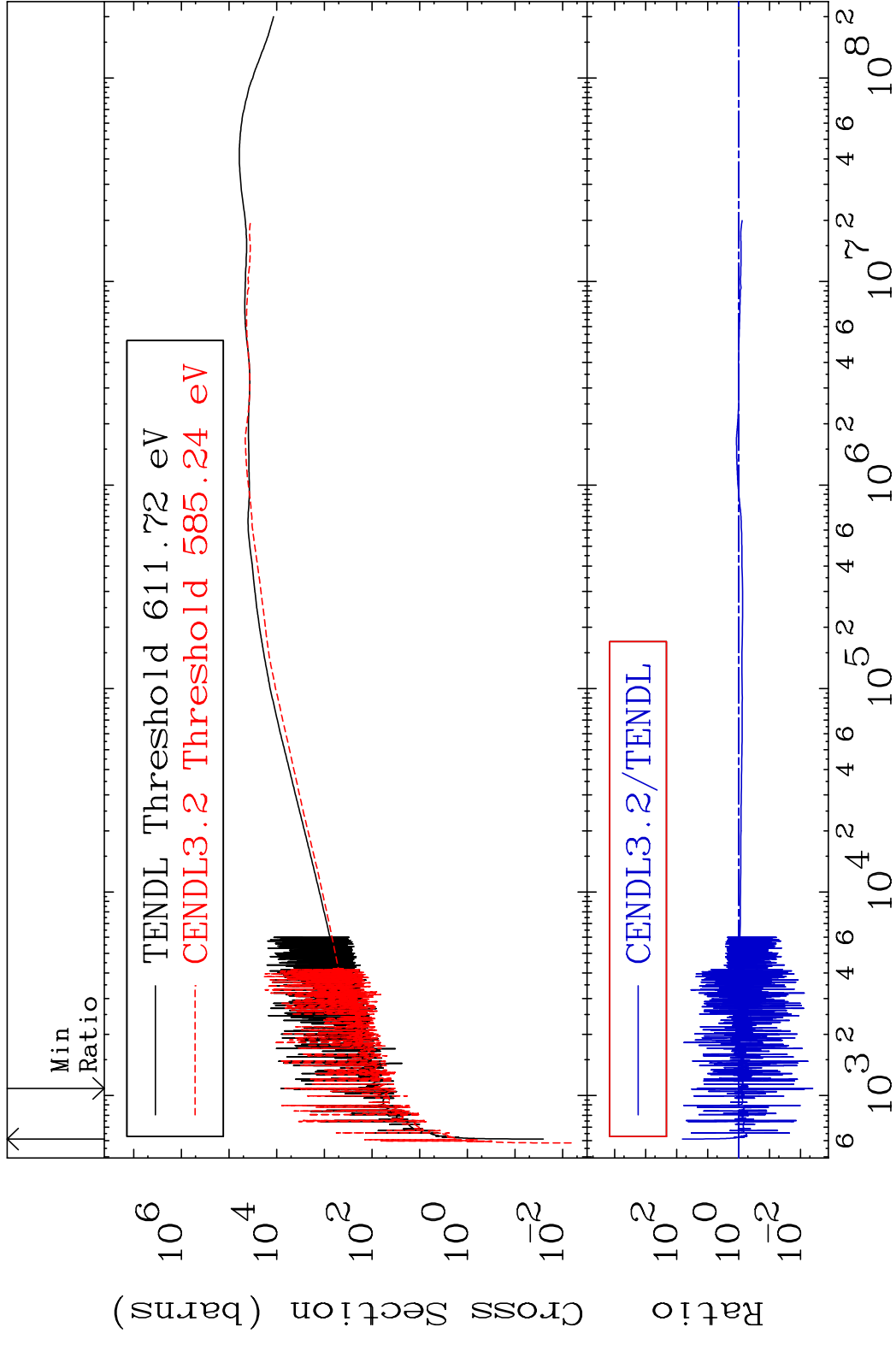
MAT 4325

Dpa elastic (mt2)

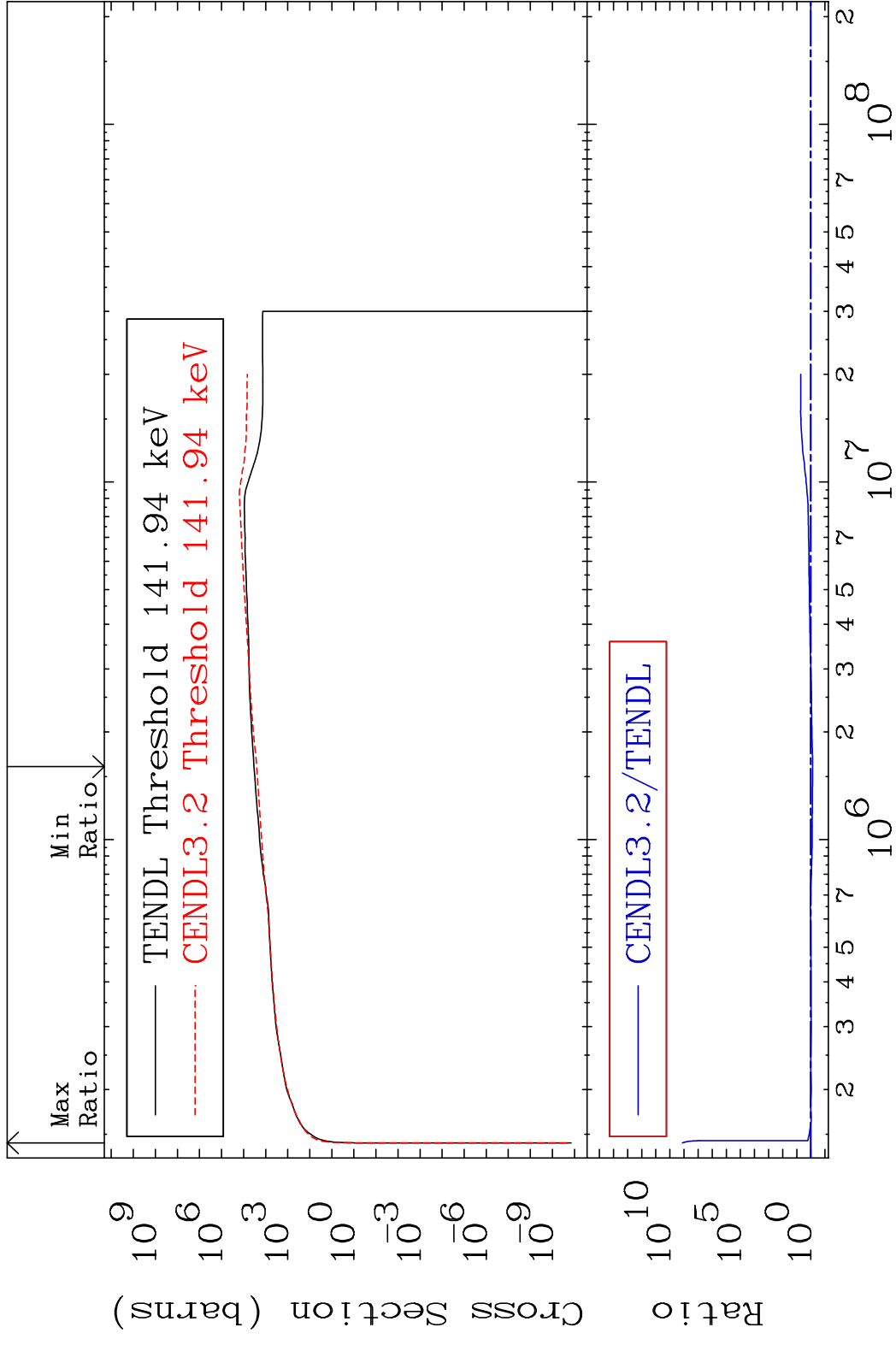
43-Tc-99

Cross Section

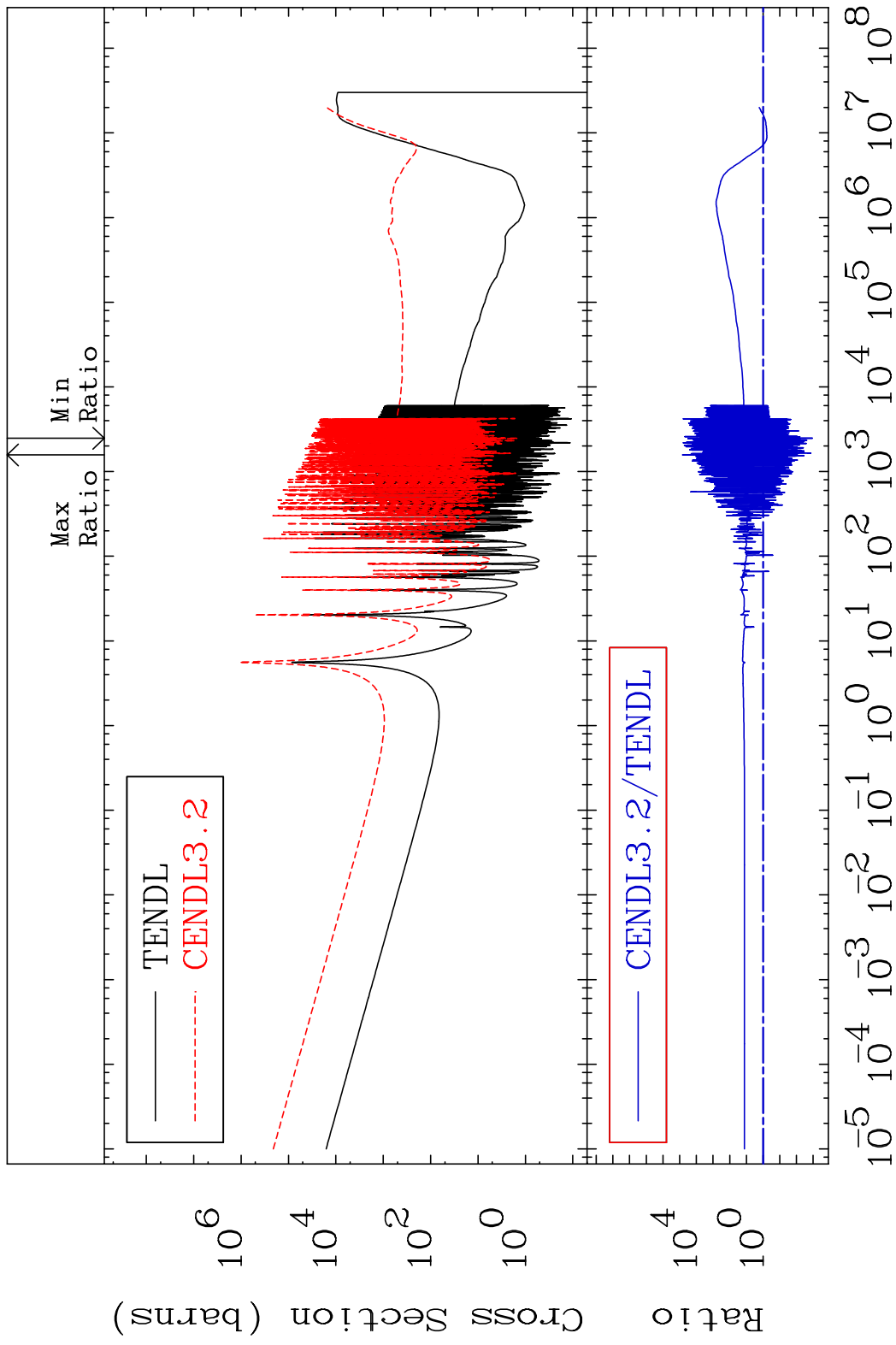
-99.59 To 6454. %



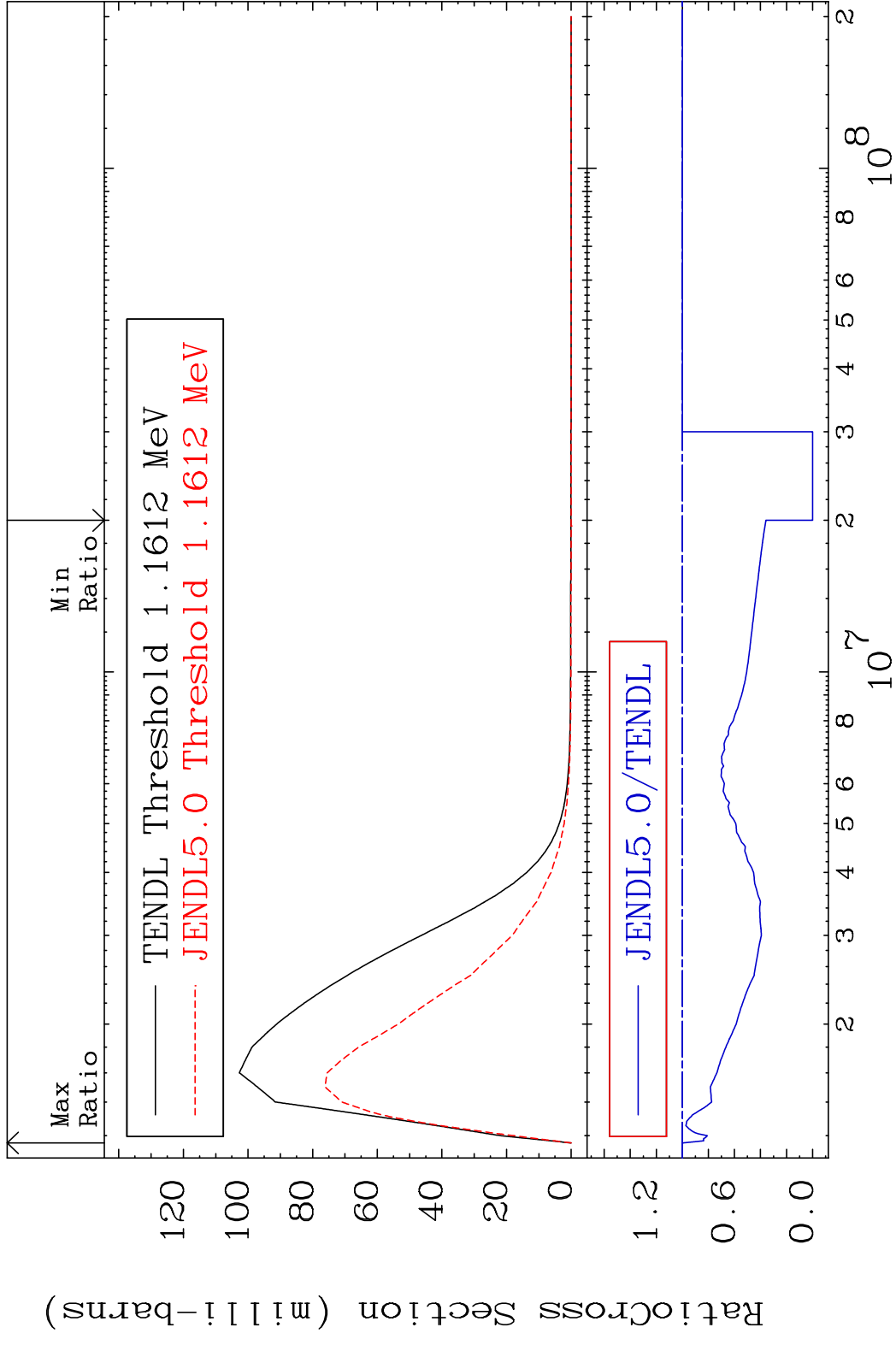
MAT 4325 Dpa inelastic (mt51-91) 43-Tc-99
 Cross Section -24.28 To 9999. %



MAT 4325 Dpa disappearance (mt102 -120) 43-Tc-99
 Cross Section -99.89 To 9999. %

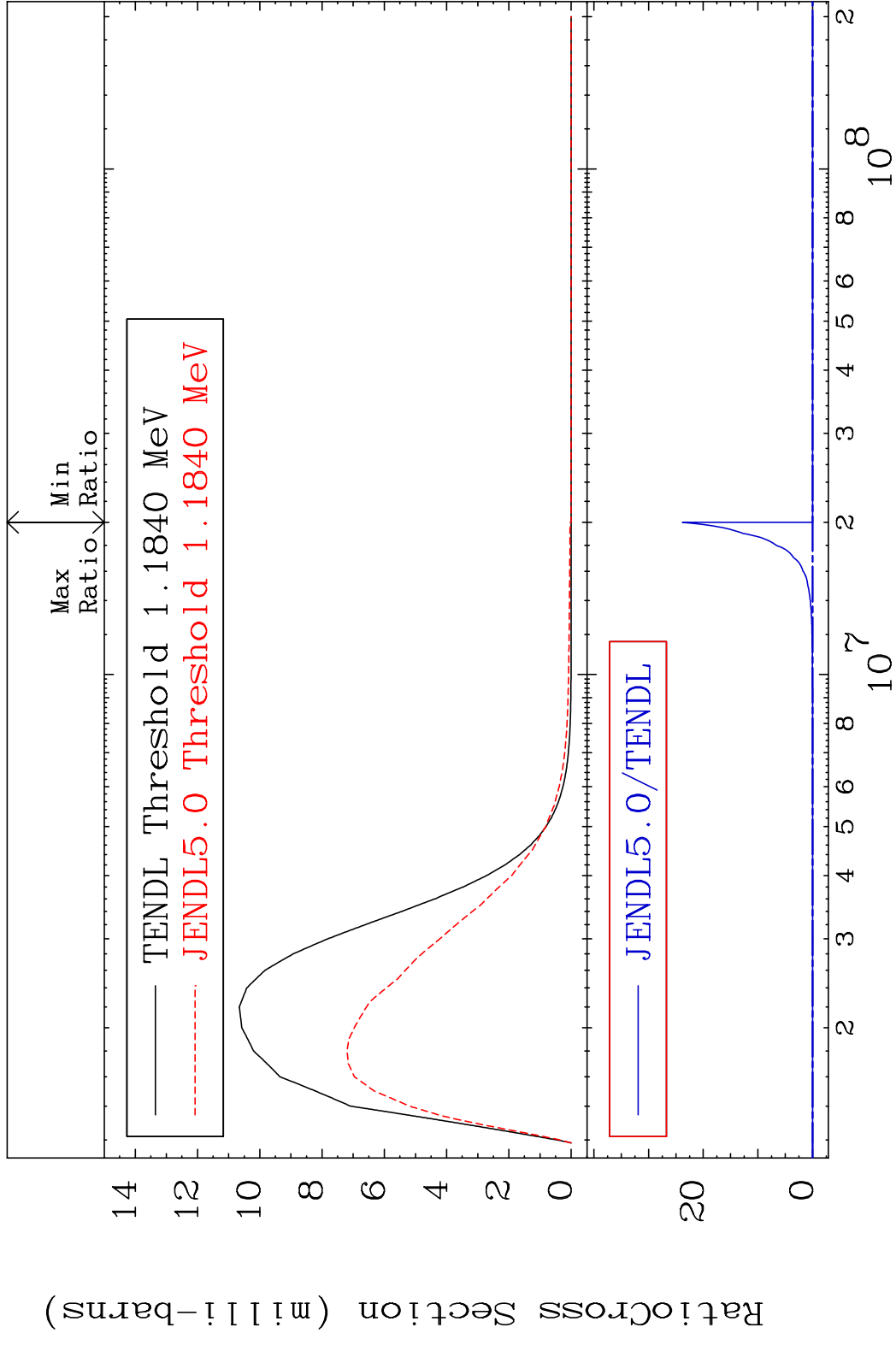


MAT 4325 MT= 78 (n, n') Level 43-Tc-99
 Cross Section -100.0 To 0.000 %

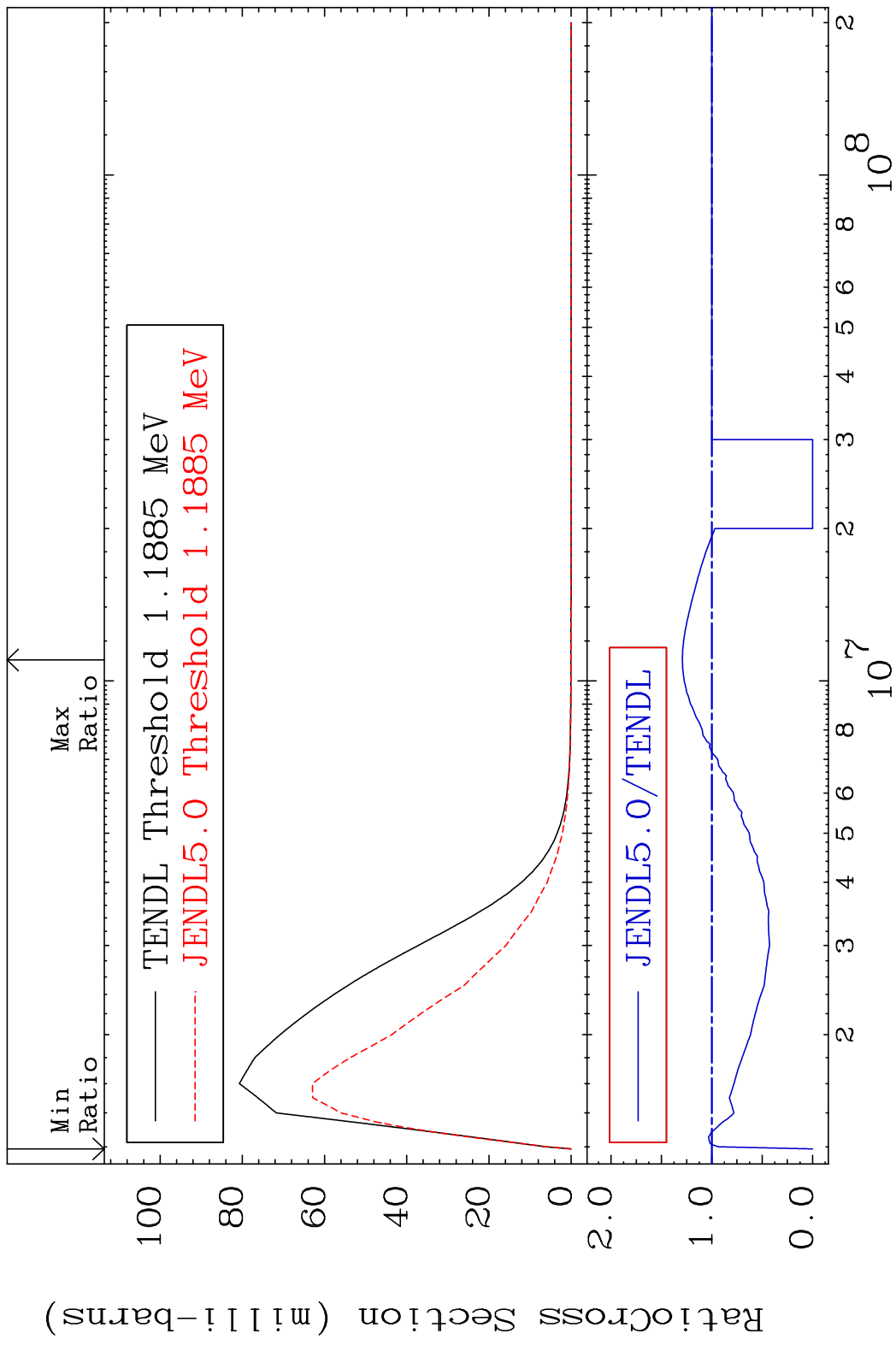


40 43-Tc-99

MAT 4325 MT= 79 (n, n') Level 43-Tc-99
 Cross Section -100.0 To 9999. %



MAT 4325 MT= 80 (n, n') Level 43-Tc-99
 Cross Section -100.0 To 29.24 %

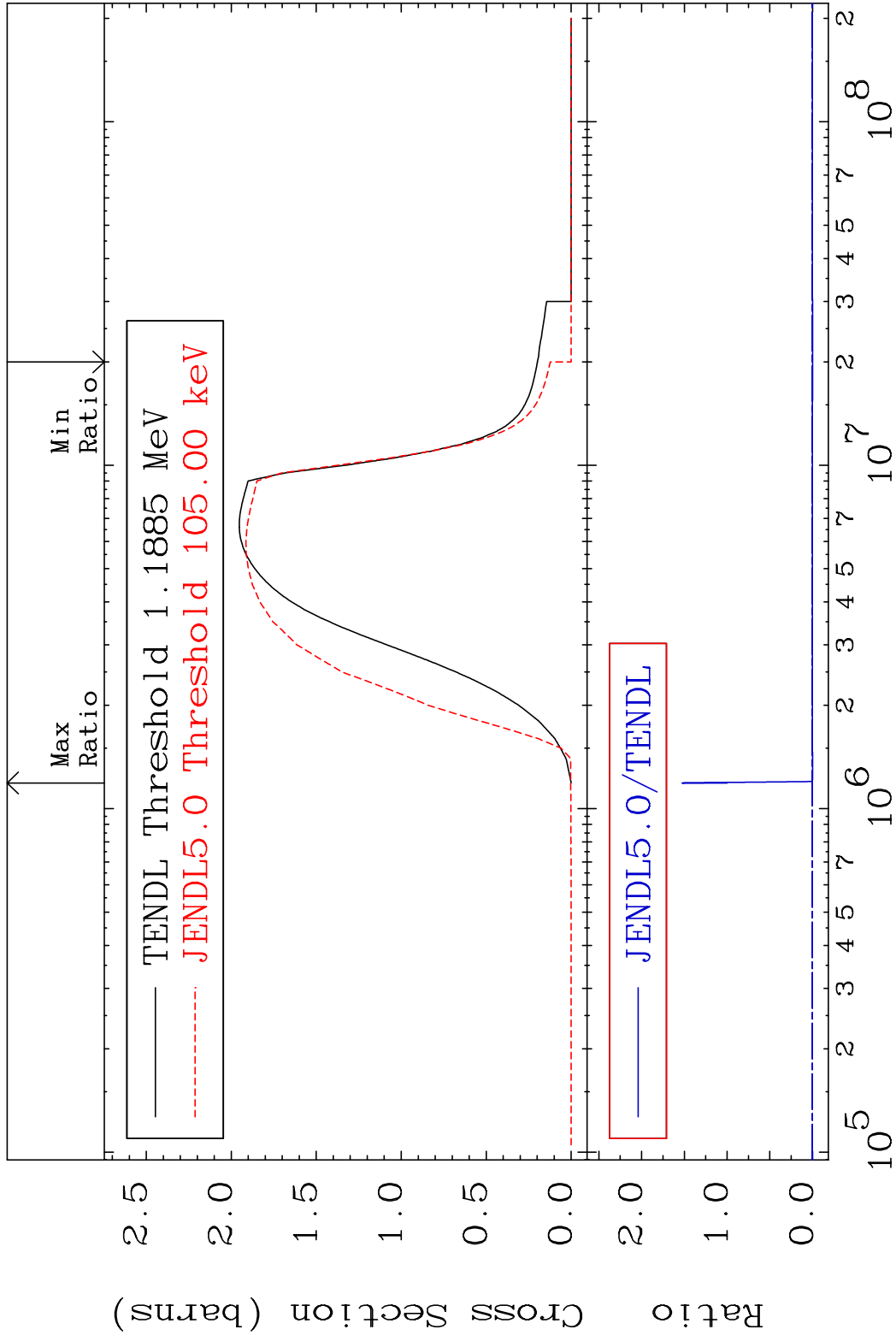


MAT 4325

(n, n') Continuum

43-Tc-99

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

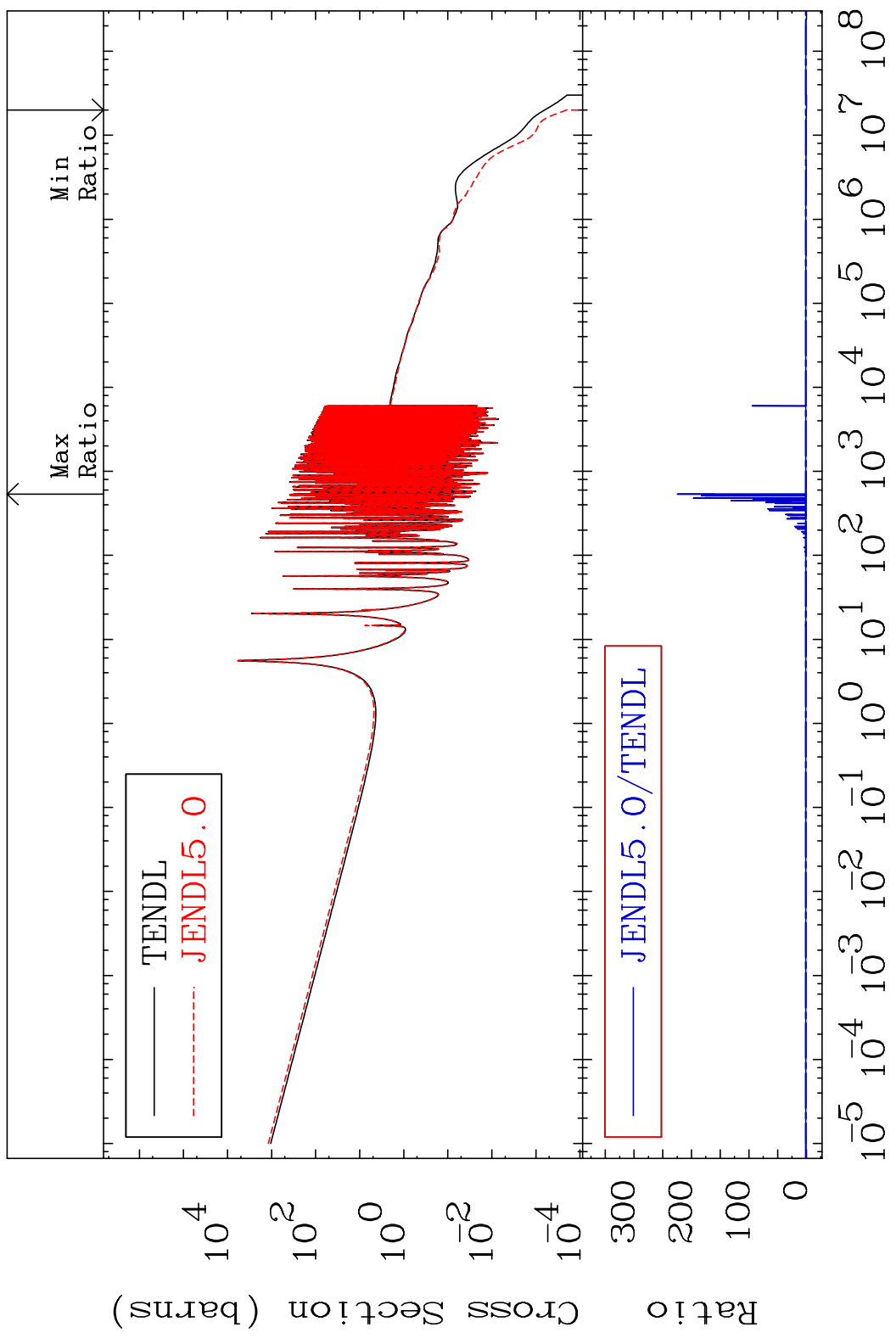
43-Tc-99

MAT 4325

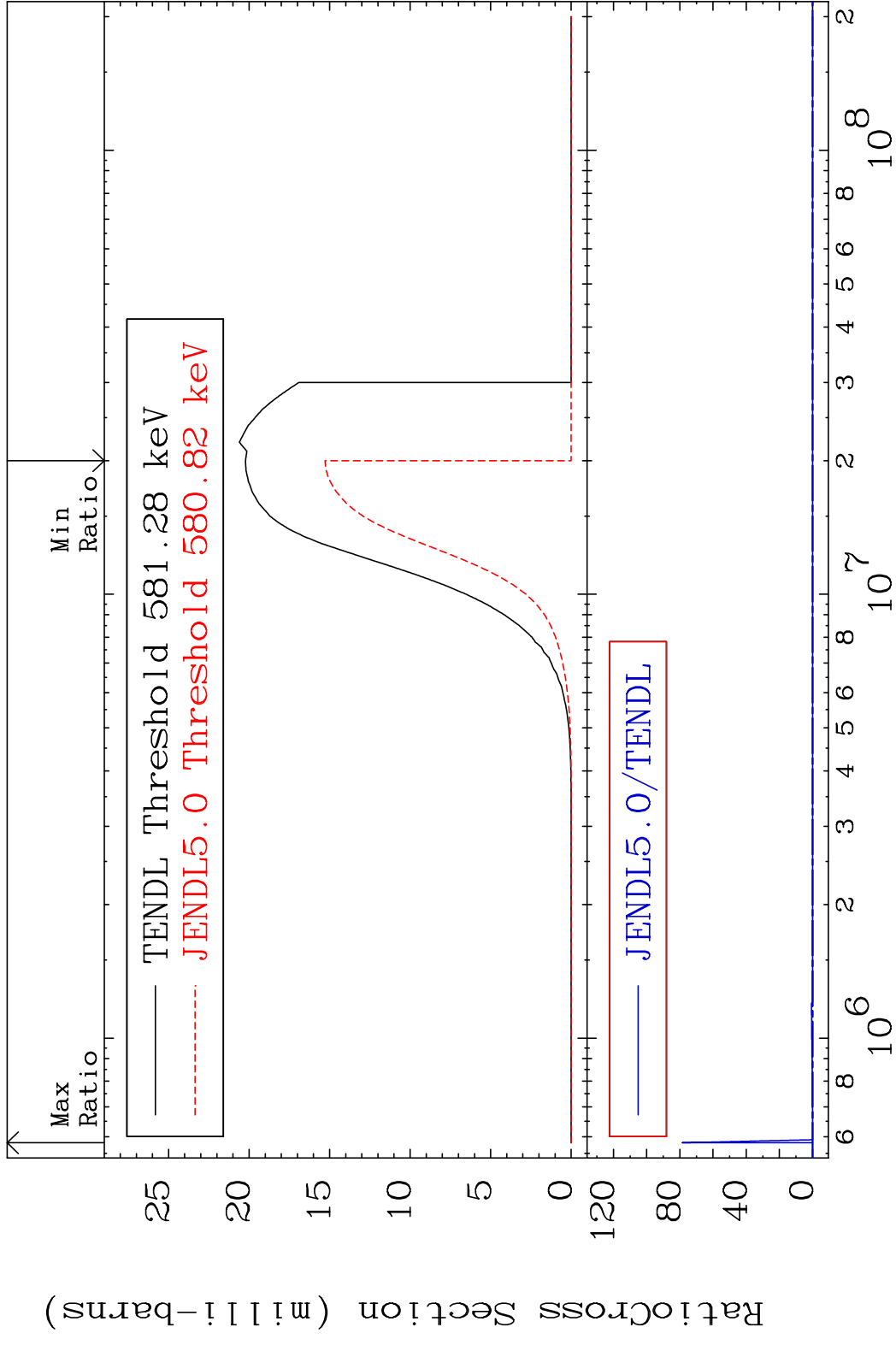
(n, γ)

43-Tc-99

Cross Section -100.0 To 9999. %

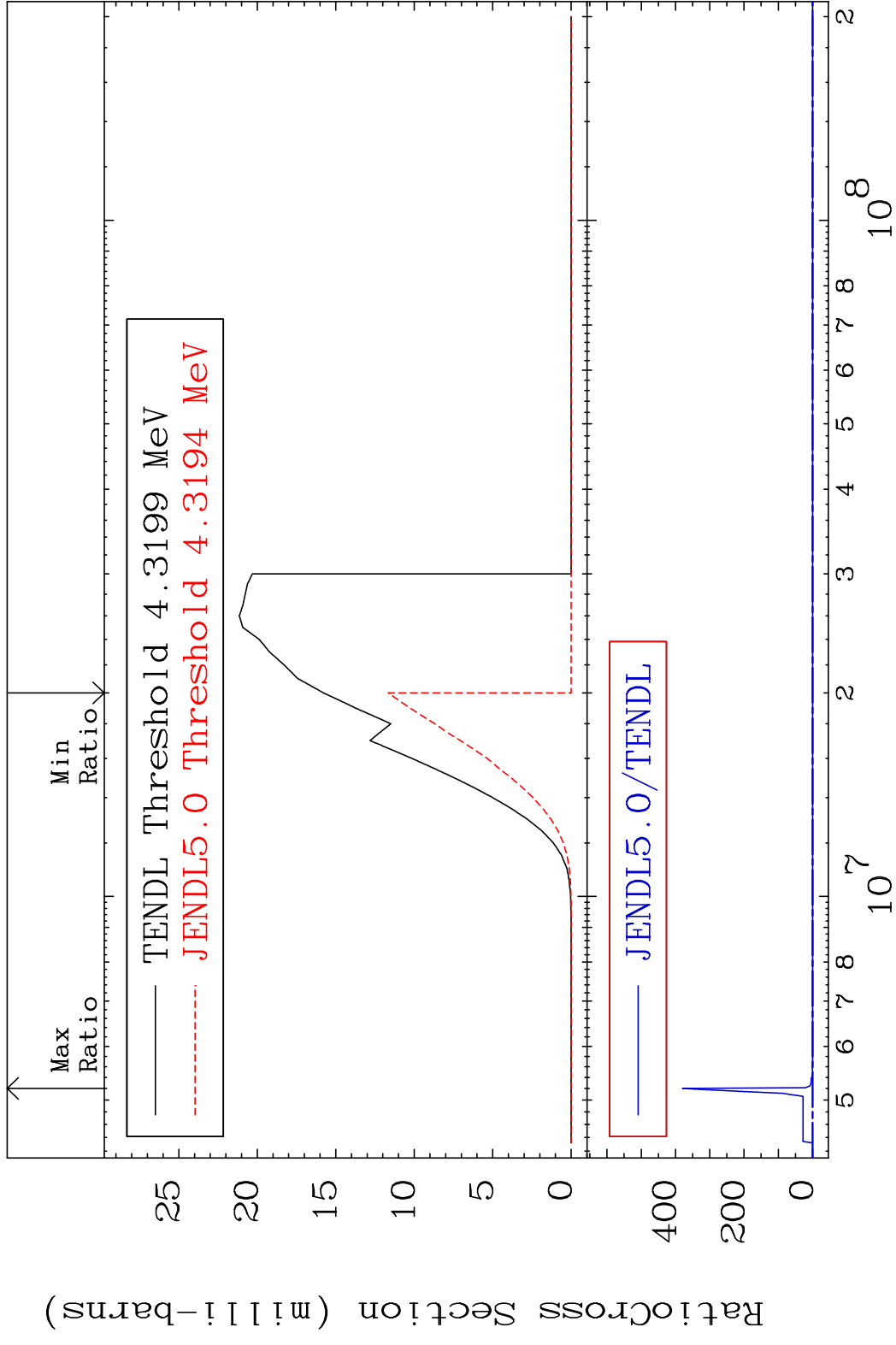


MAT 4325 (n,p) 43-Tc-99
 Cross Section -100.0 To 9999. %



45 Incident Energy (eV) 43-Tc-99

MAT 4325 (n,d) 43-Tc-99
 Cross Section -100.0 To 9999. %

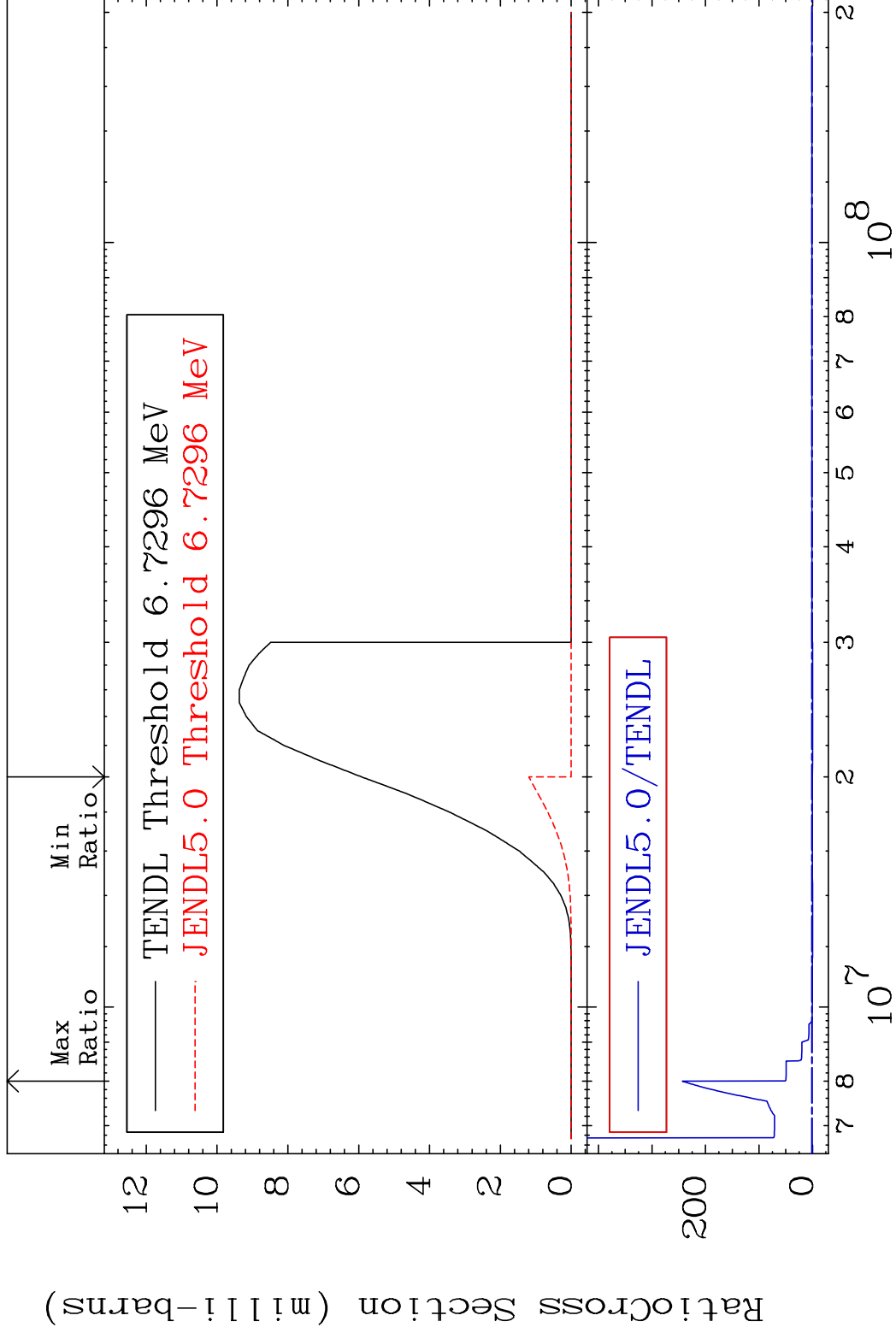


MAT 4325

(n, t)

43-Tc-99

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

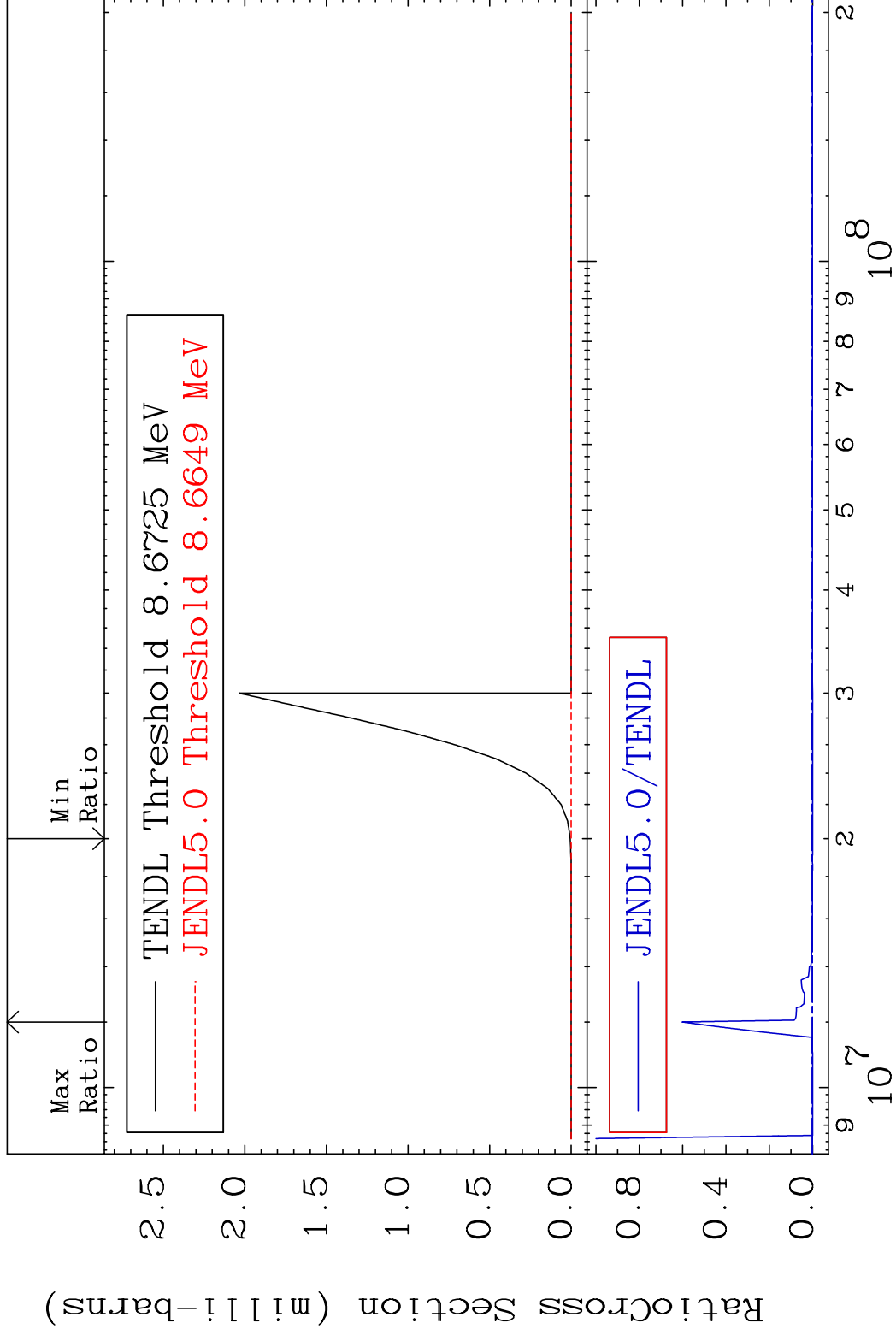
43-Tc-99

MAT 4325

(n, He-3)

43-Tc-99

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

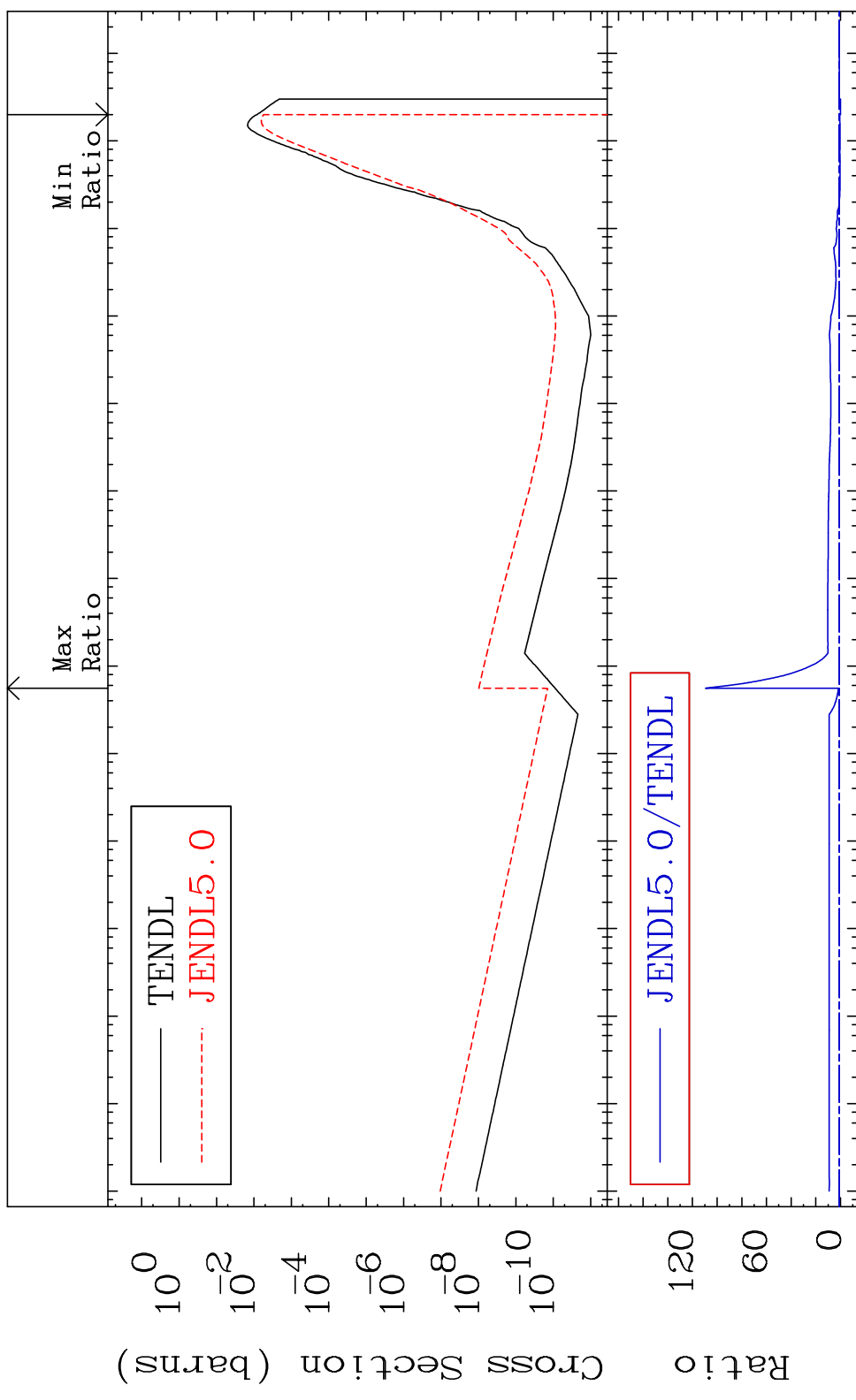
43-Tc-99

MAT 4325

(n, α)

43-Tc-99

Cross Section -100.0 To 9999. %

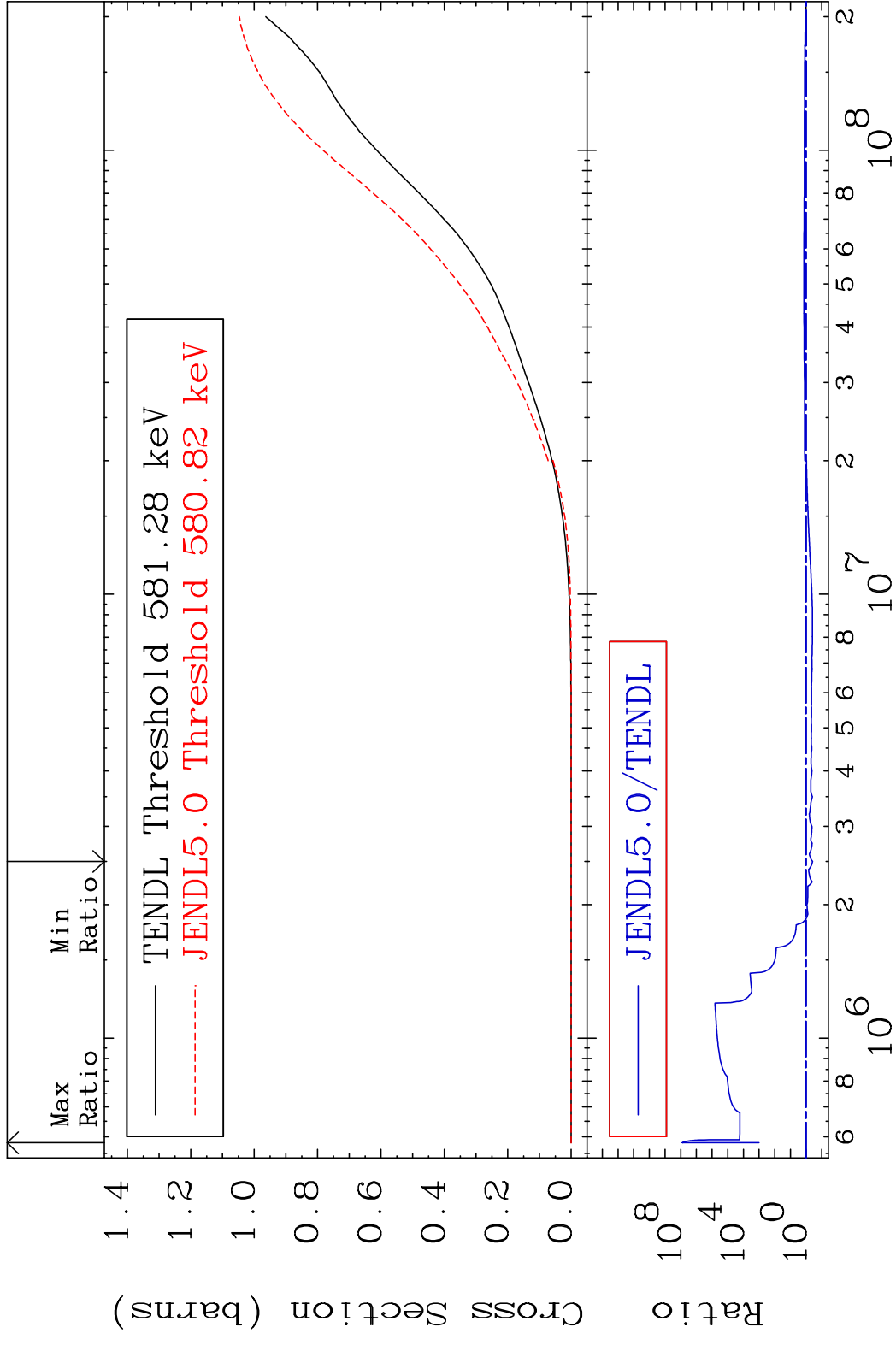


49

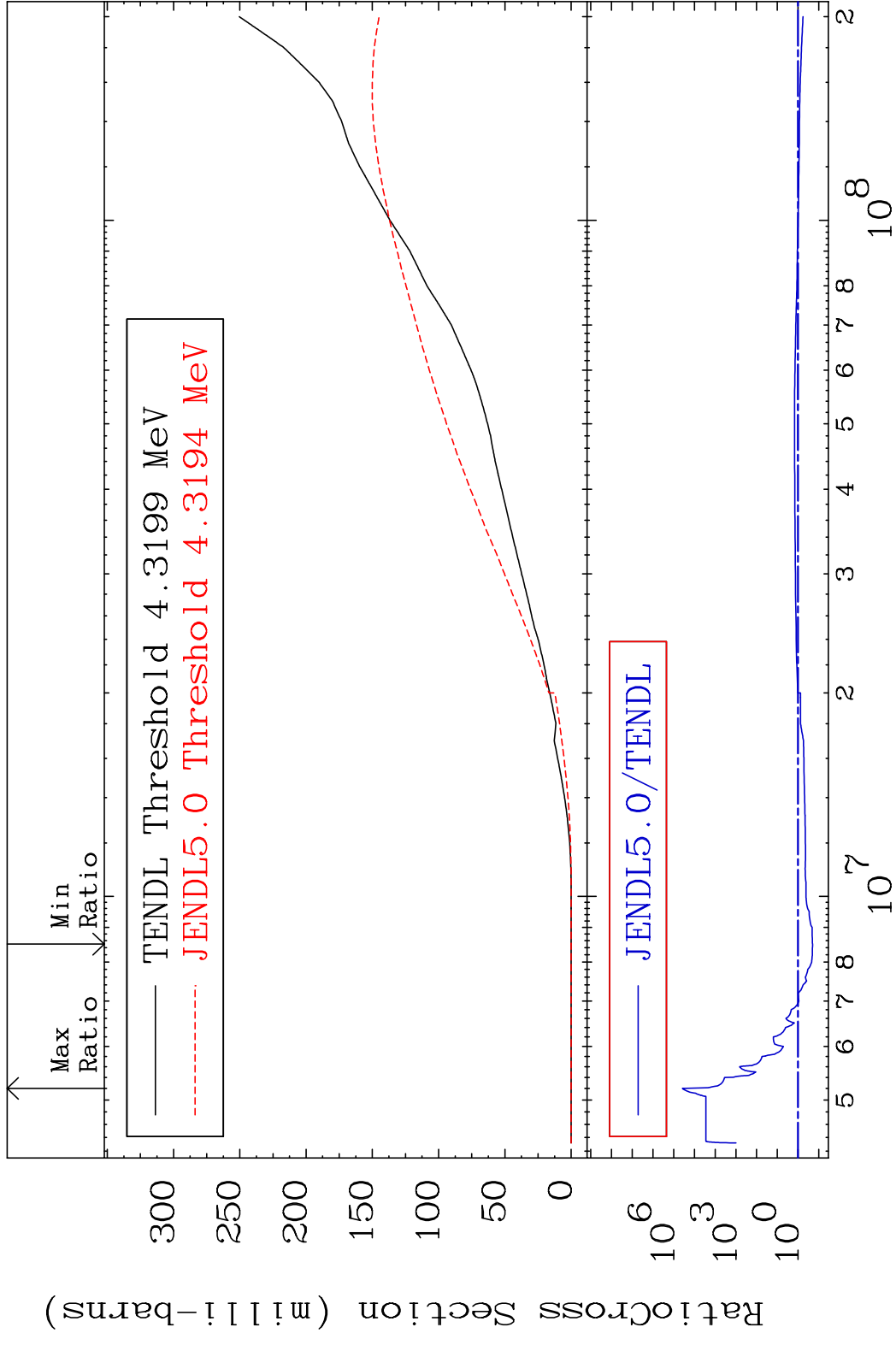
Incident Energy (eV)

43-Tc-99

MAT 4325 Hydrogen Production 43-Tc-99
 Cross Section -61.28 To 9999. %



MAT 4325 Deuterium Production 43-Tc-99
 Cross Section -79.90 To 9999. %

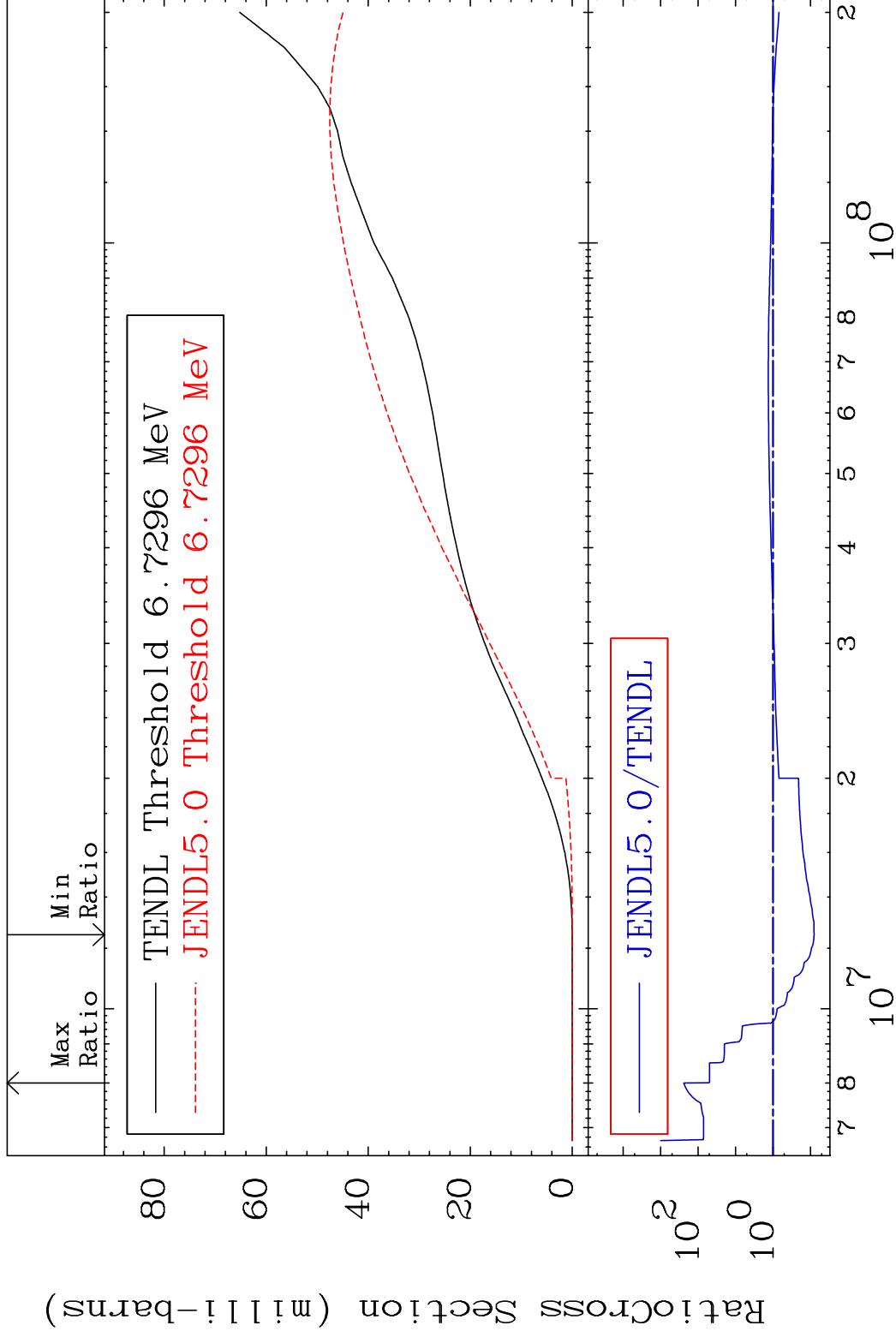


MAT 4325

Tritium Production

43-Tc-99

Cross Section -91.99 To 9999. %



52

Incident Energy (eV)

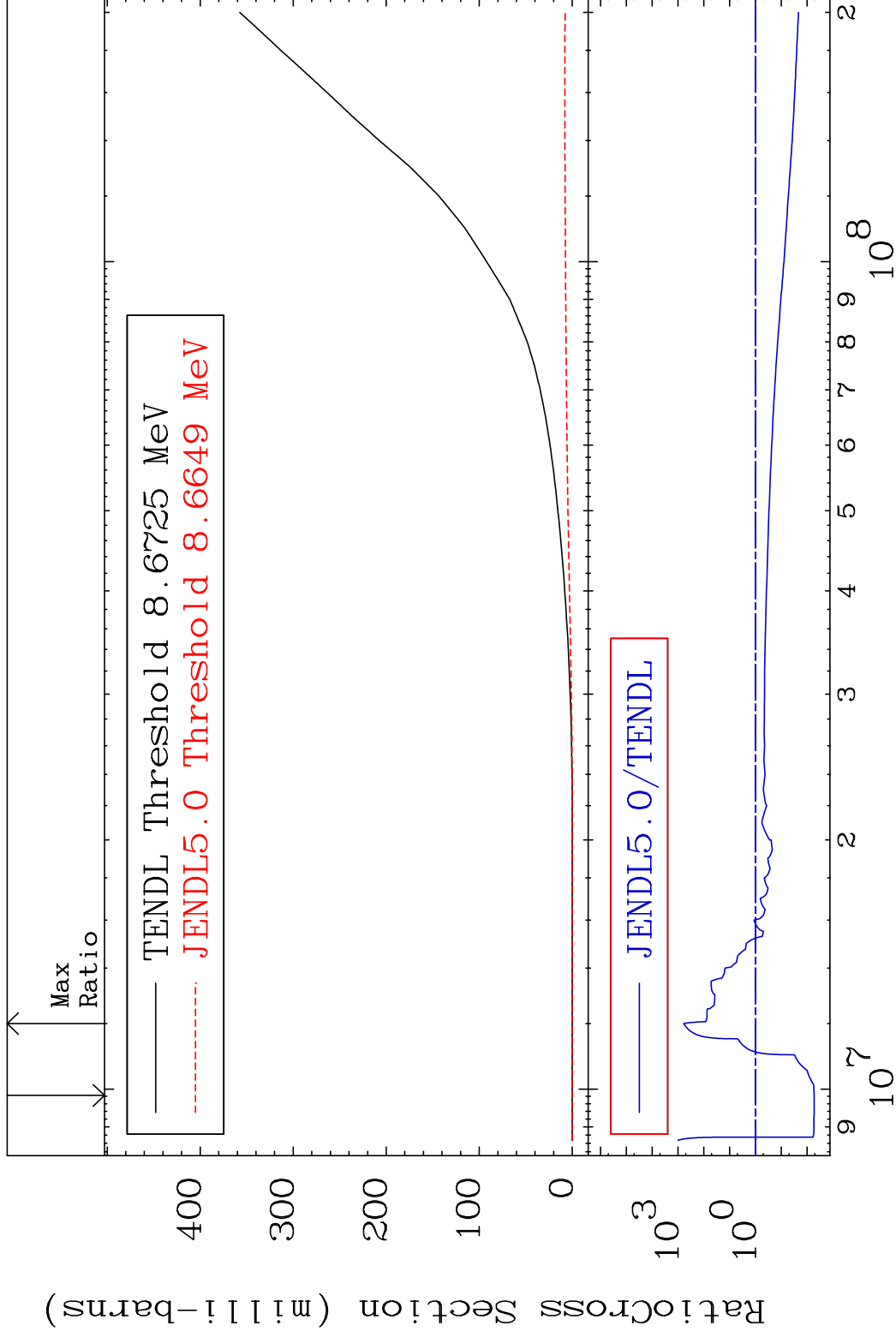
43-Tc-99

MAT 4325

He-3 Production

43-Tc-99

Cross Section -99.46 To 9999. %

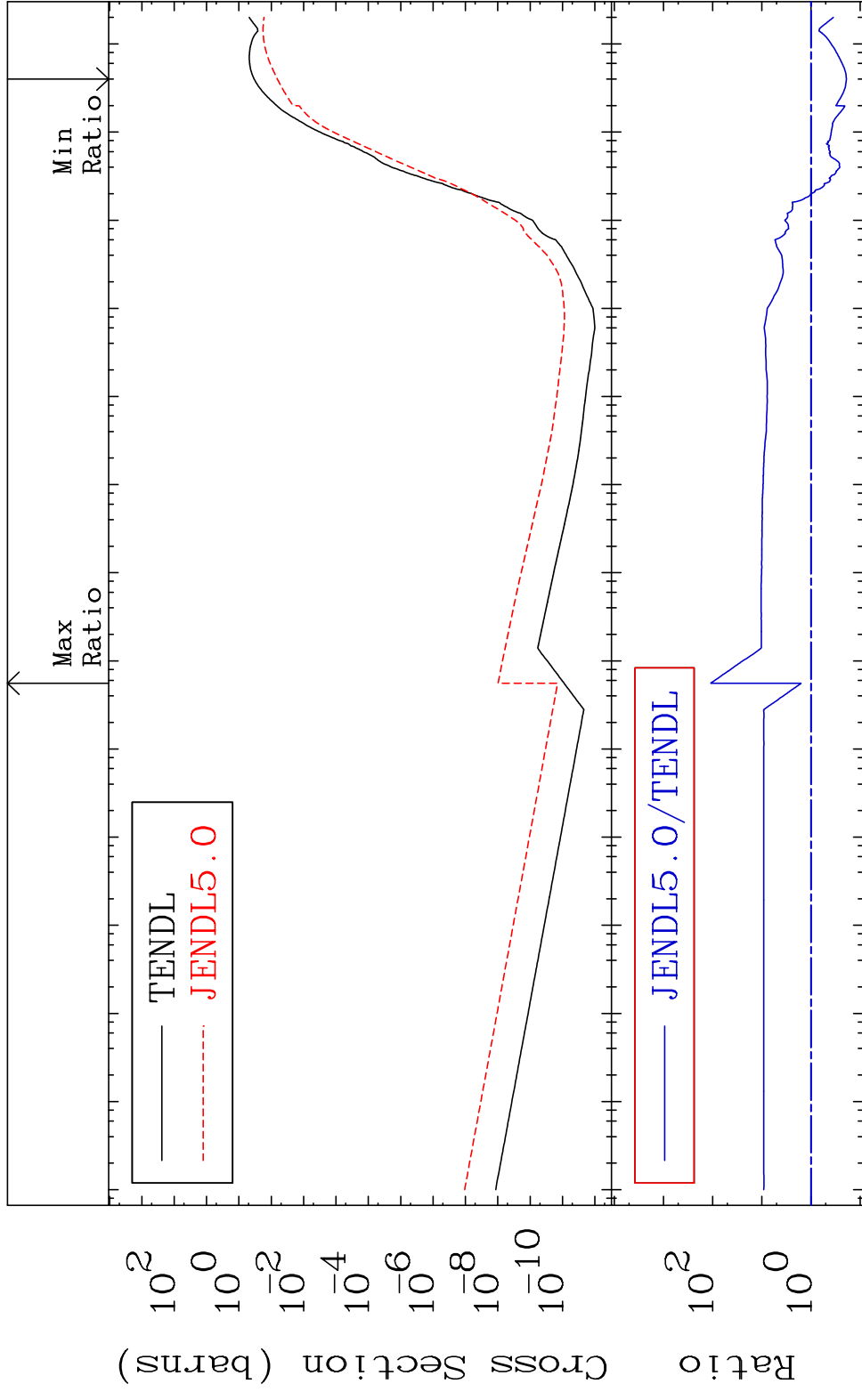


53

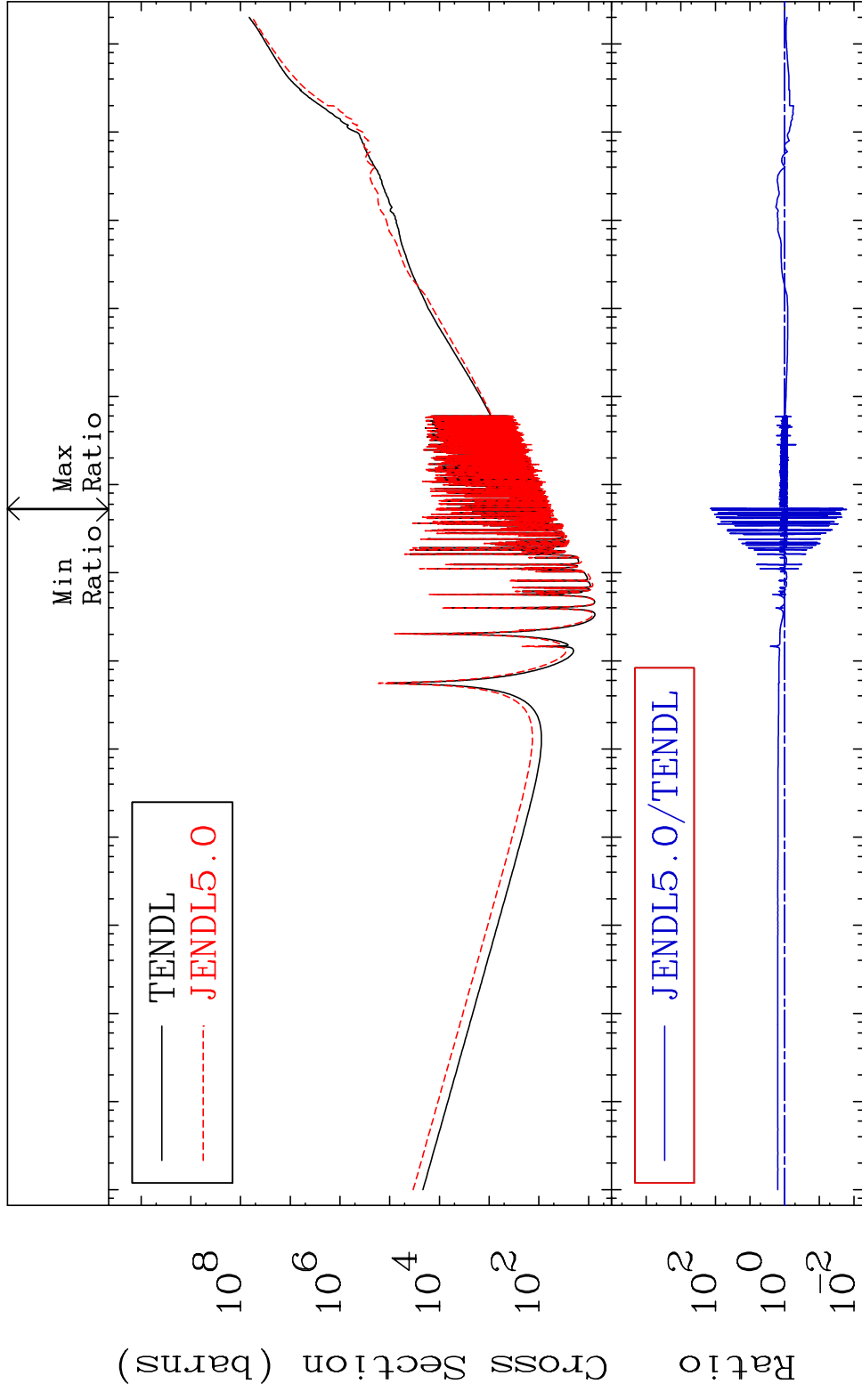
Incident Energy (eV)

43-Tc-99

MAT 4325 He-4 Production 43-Tc-99
 Cross Section -80.90 To 9999. %



MAT 4325 Kerma total (eV-barns) 43-Tc-99
 Cross Section -98.35 To 9999. %

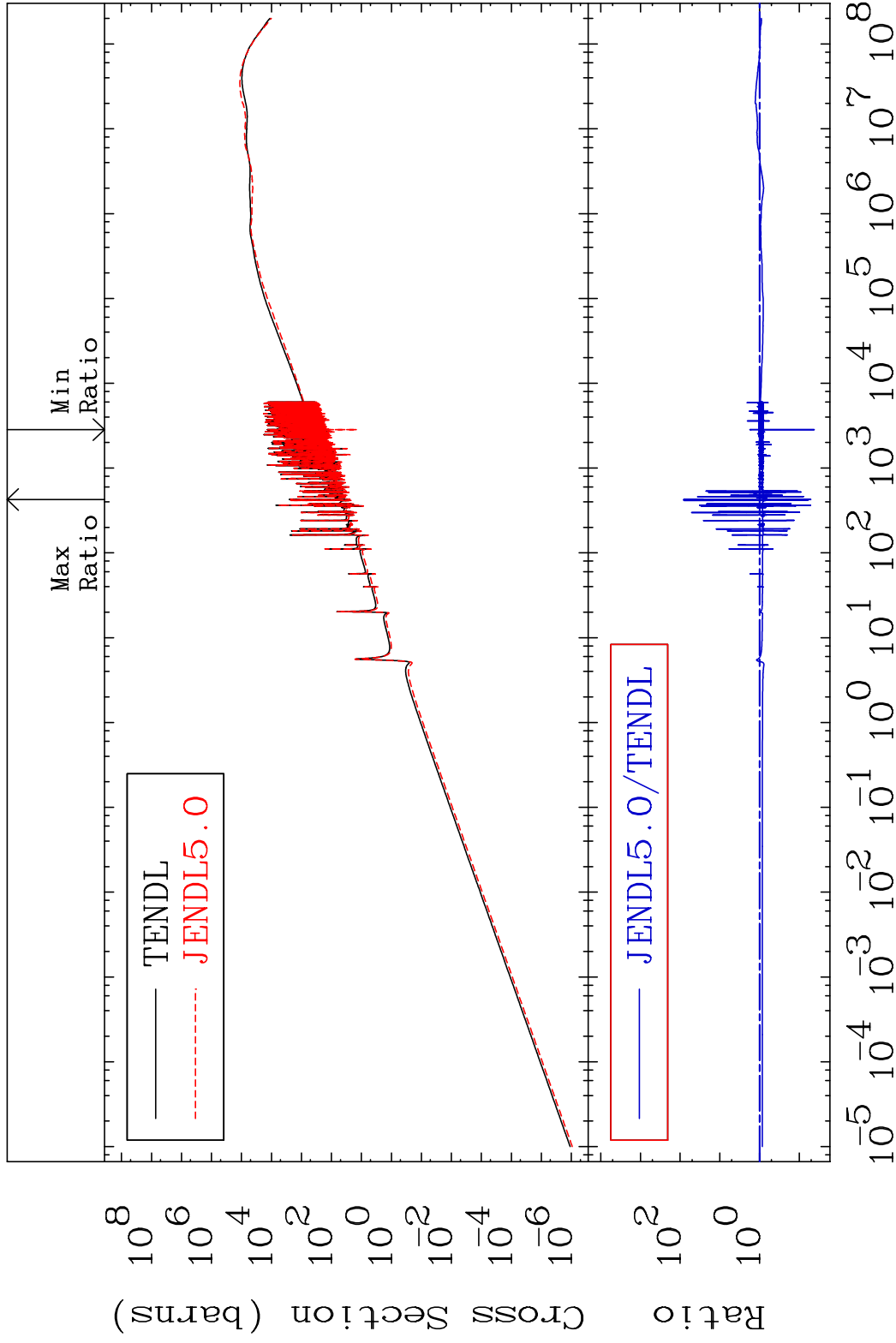


MAT 4325

Kerma elastic

43-Tc-99

Cross Section -95.78 To 8049. %

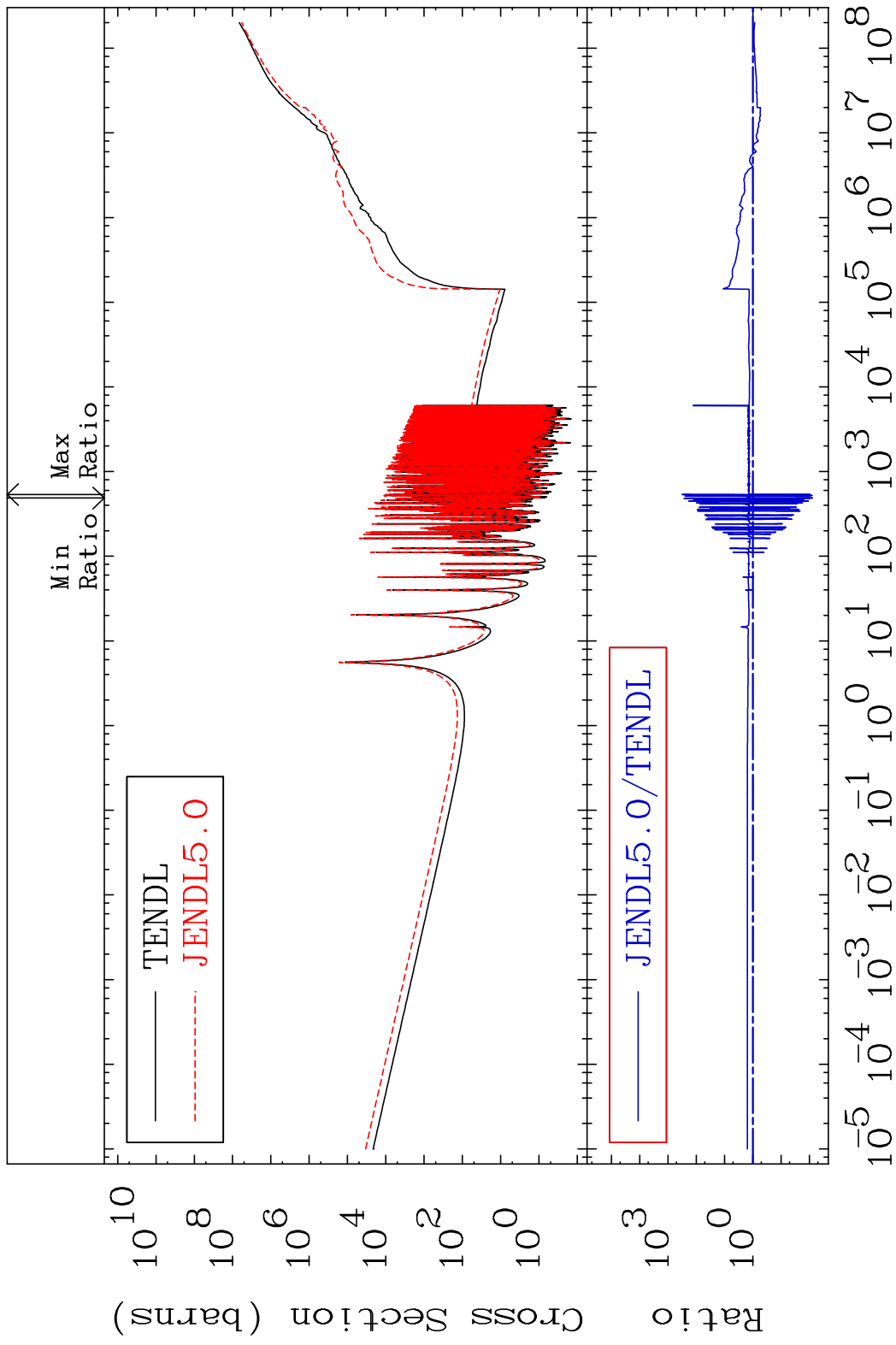


56

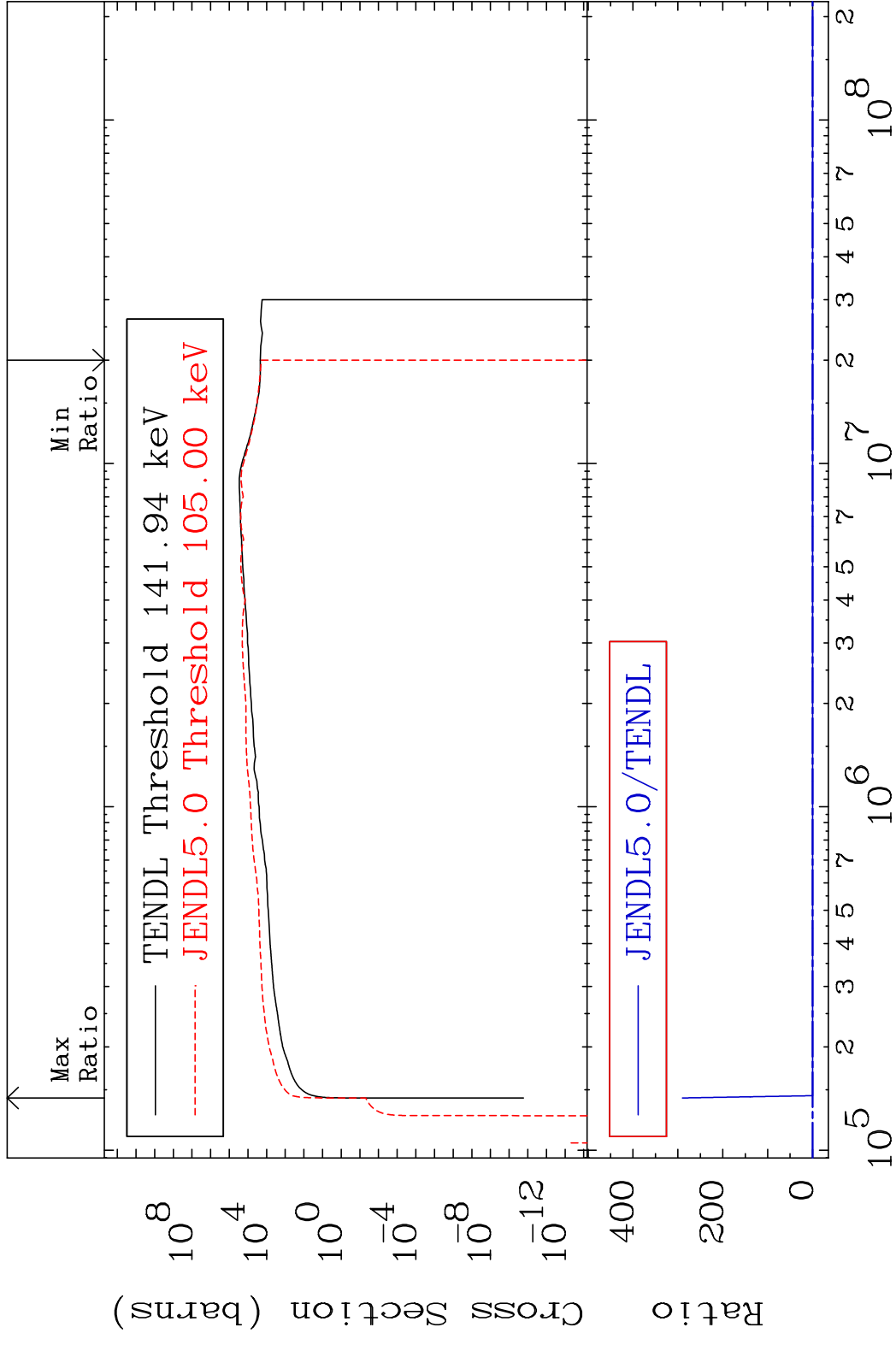
Incident Energy (eV)

43-Tc-99

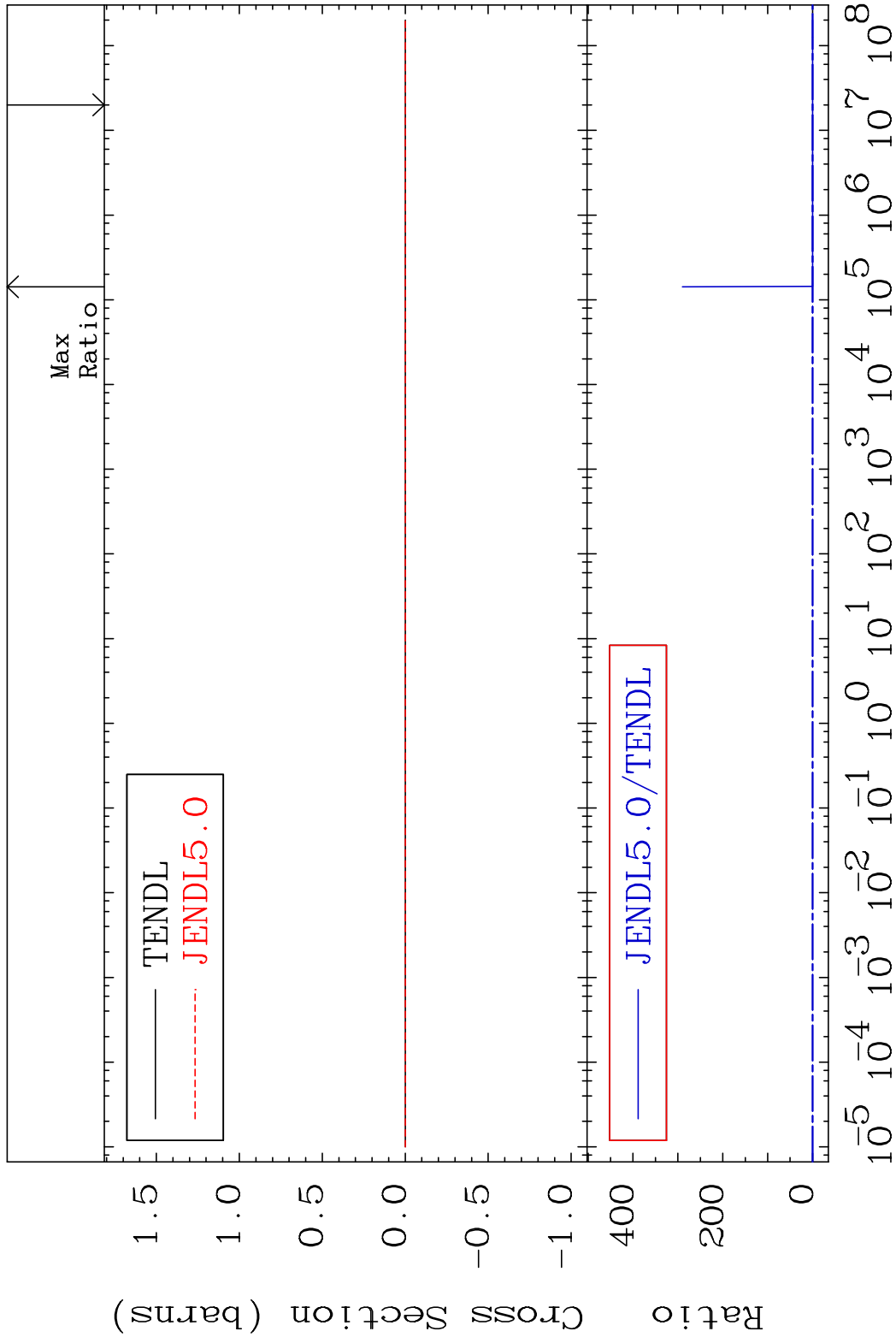
MAT 4325 Kerma non-elastic (all but mt2) 43-Tc-99
 Cross Section -99.23 To 9999. %



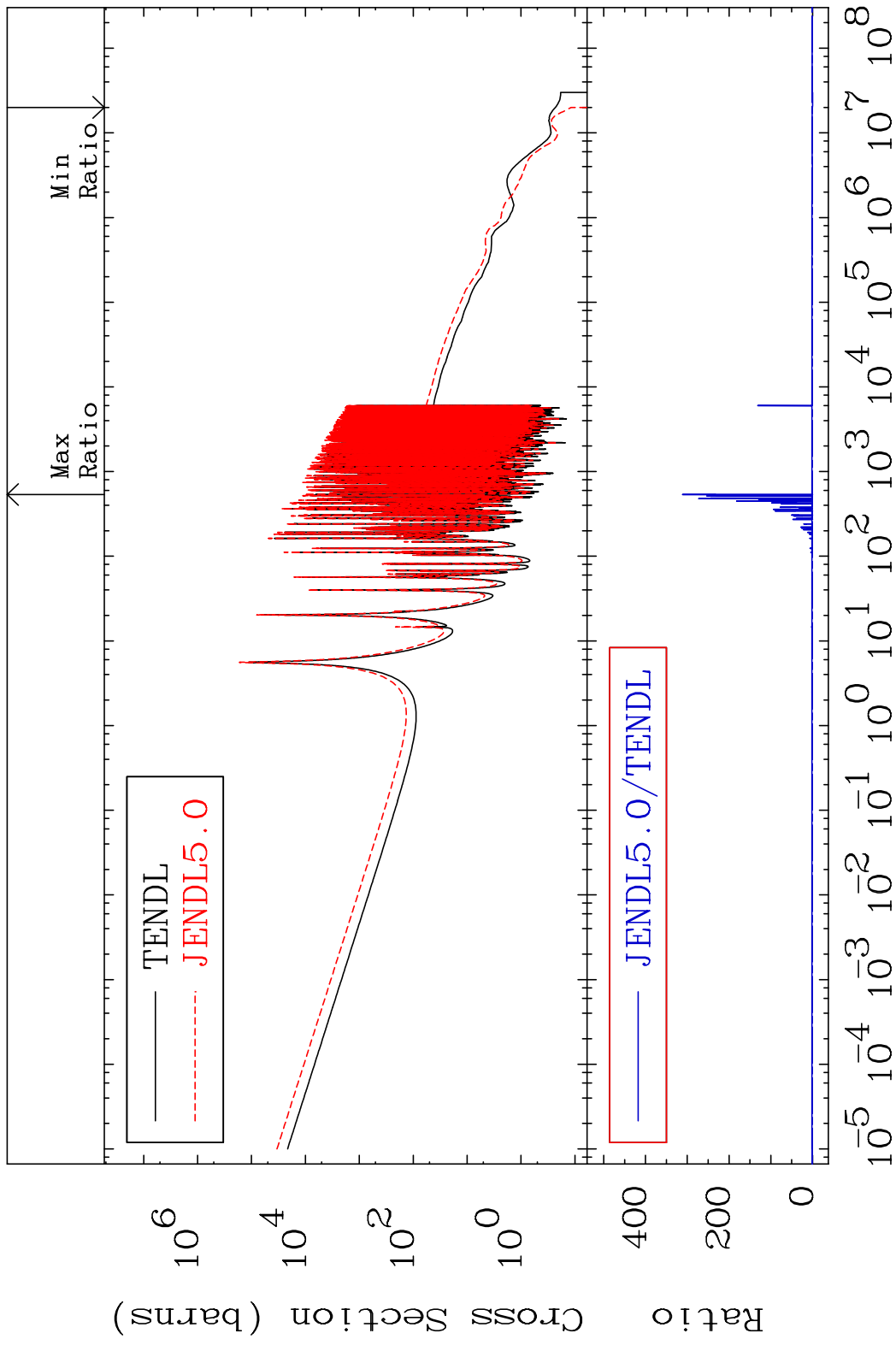
MAT 4325 Kerma inelastic (mt51-91) 43-Tc-99
 Cross Section -100.0 To 9999. %



MAT 4325 Kerma fission (mt18 or mt19-20-21-38) 43-Tc-99
 Cross Section -100.0 To 9999. %

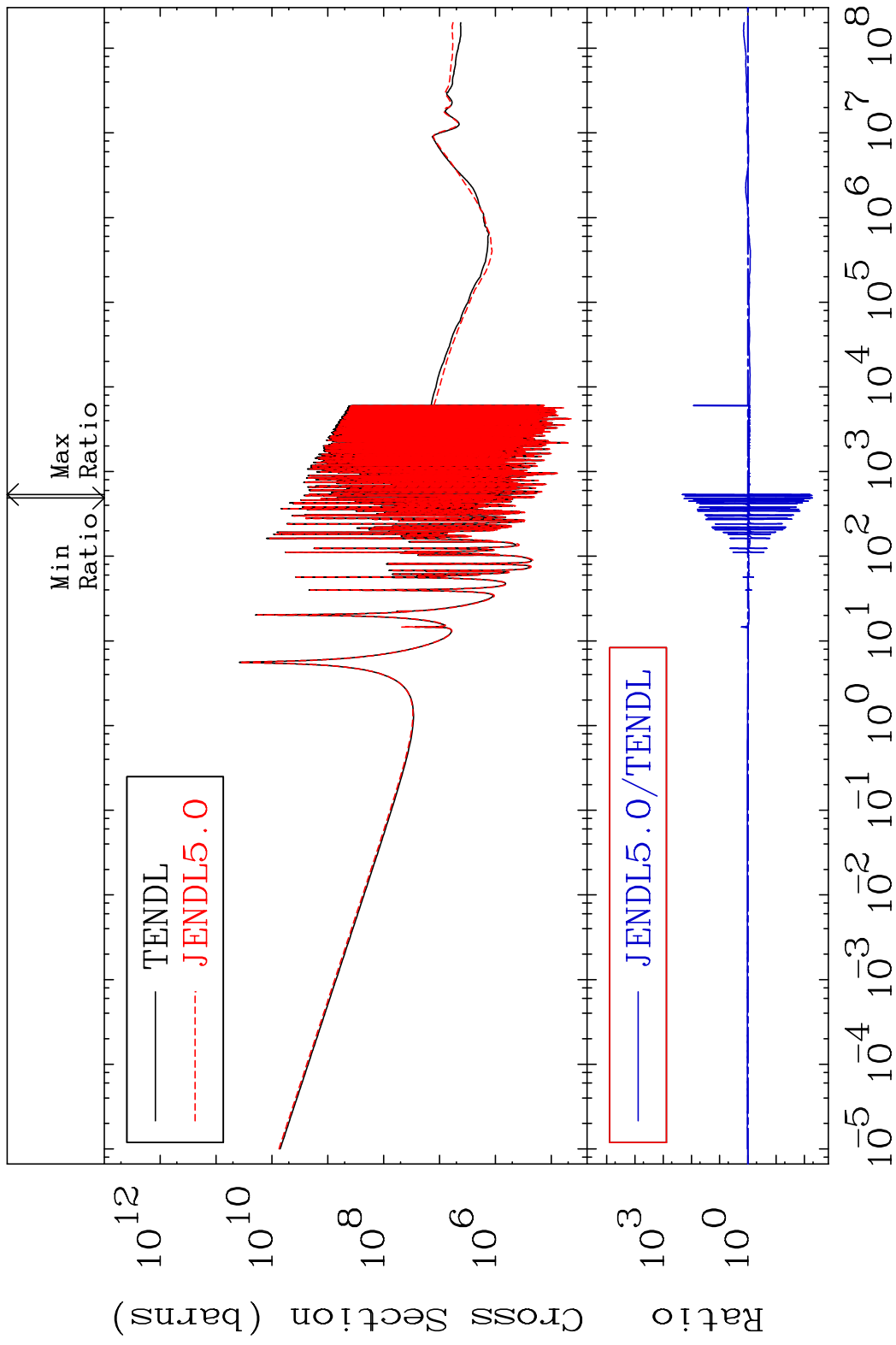


MAT 4325 Kerma capture (mt102) 43-Tc-99
 Cross Section -100.0 To 9999. %



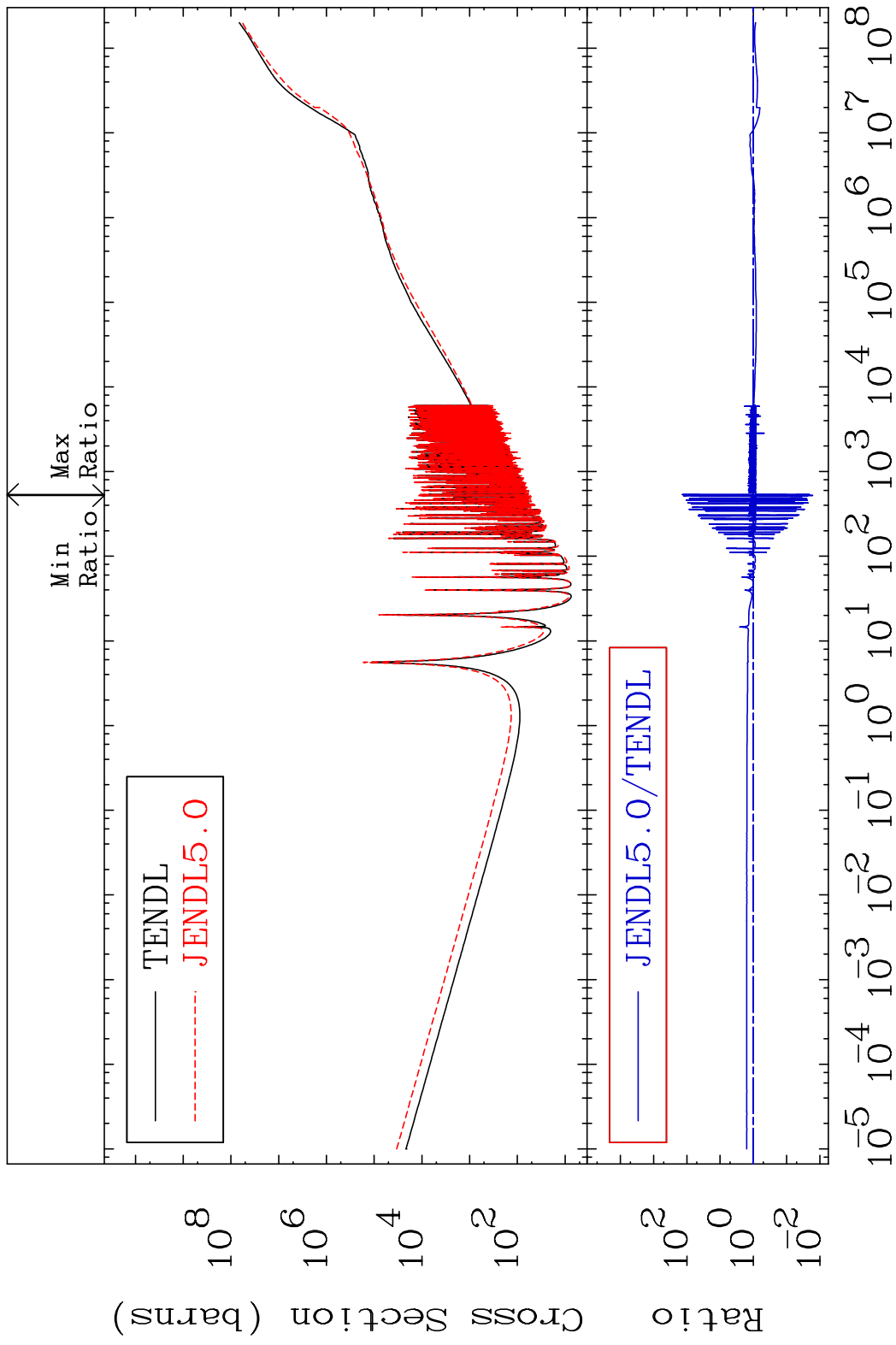
60 Incident Energy (eV) 43-Tc-99

MAT 4325 Total photon (eV-barns) 43-Tc-99
 Cross Section -99.48 To 9999. %

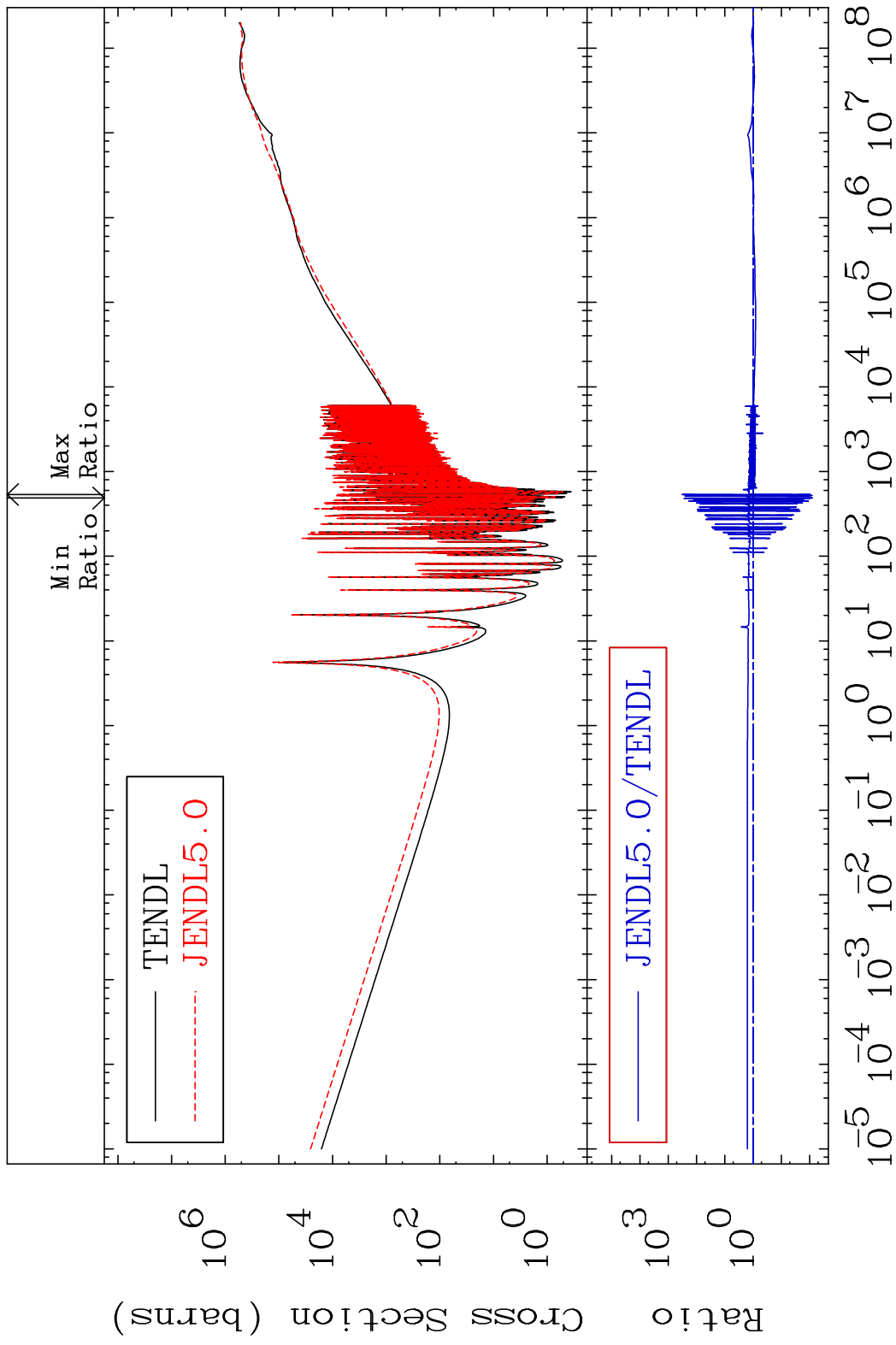


61 Incident Energy (eV) 43-Tc-99

MAT 4325 Total kinematic kerma (high limit) 43-Tc-99
 Cross Section -98.35 To 9999. %



MAT 4325 Dpa total (eV-barns) 43-Tc-99
 Cross Section -99.22 To 9999. %



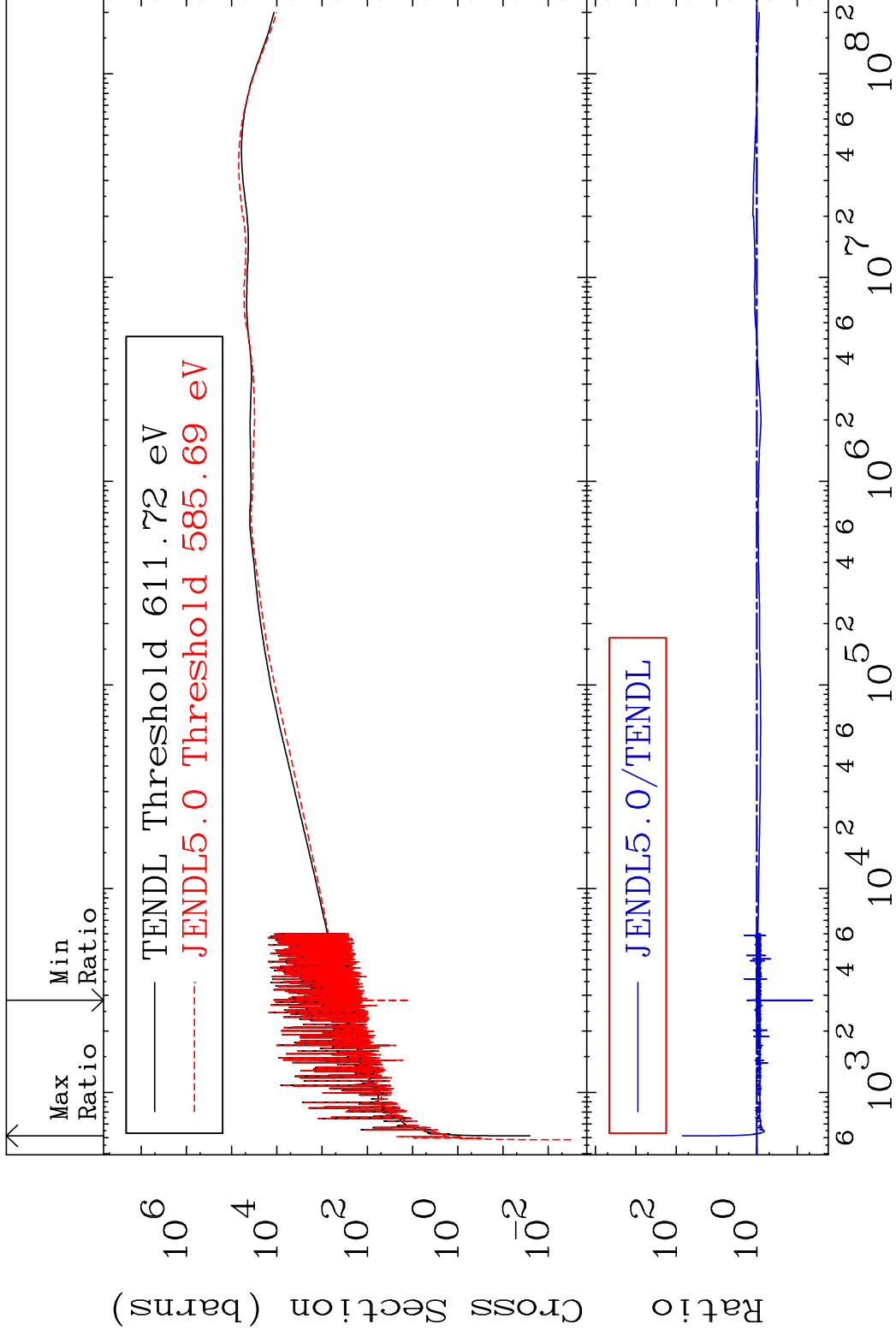
63 Incident Energy (eV) 43-Tc-99

MAT 4325

Dpa elastic (mt2)

43-Tc-99

Cross Section -95.80 To 7023. %

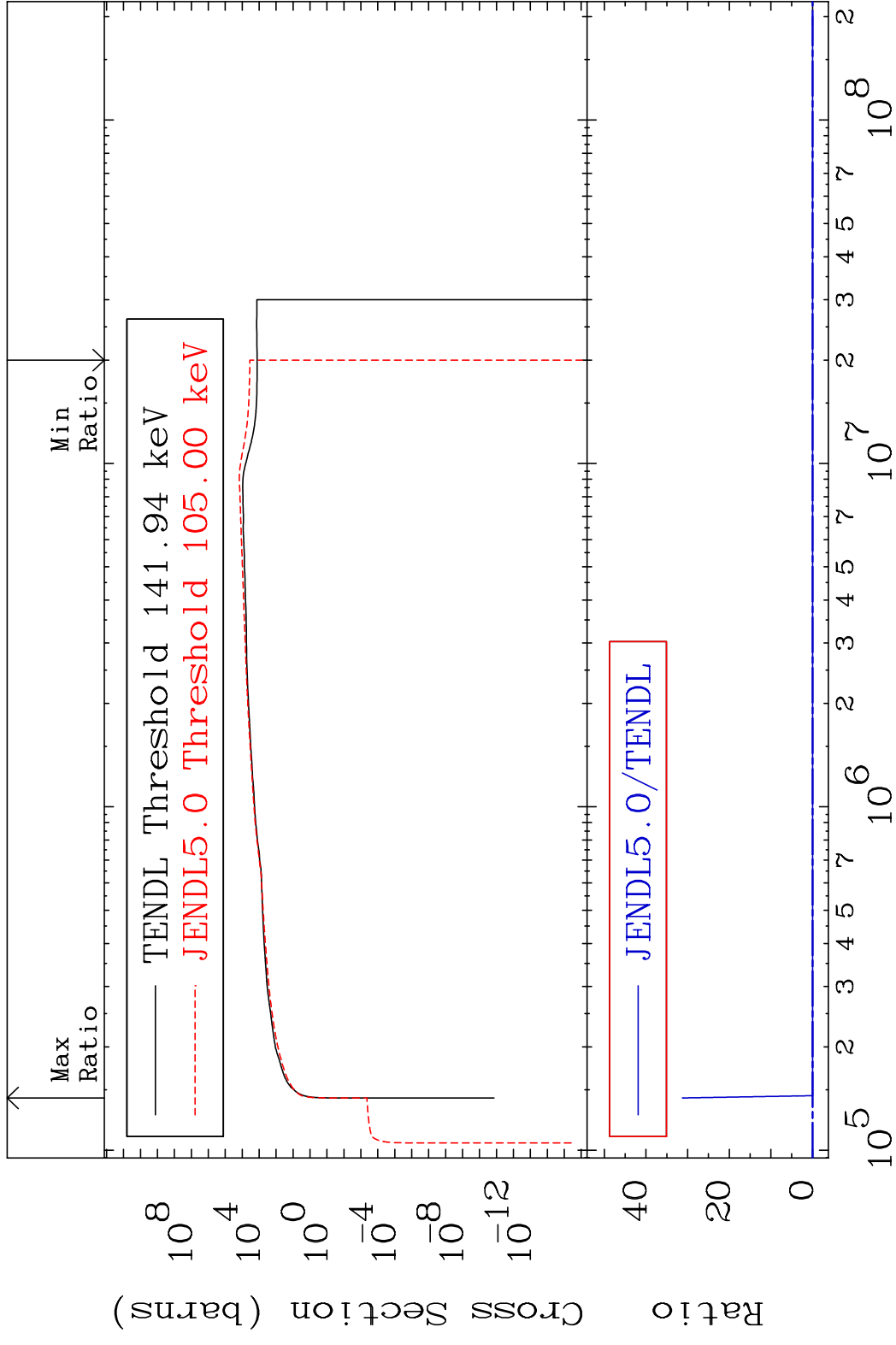


64

Incident Energy (eV)

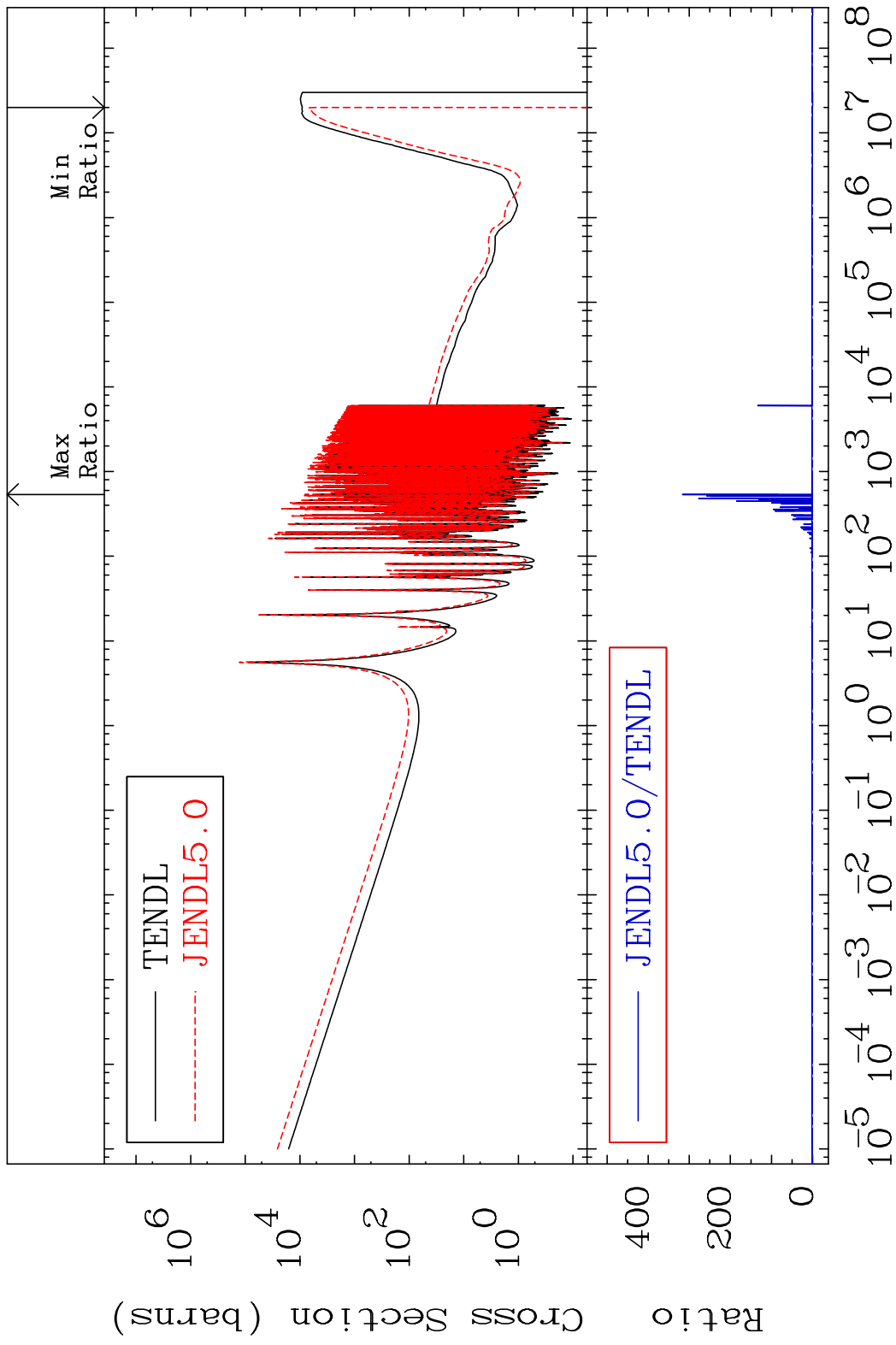
43-Tc-99

MAT 4325 Dpa inelastic (mt51-91) 43-Tc-99
 Cross Section -100.0 To 9999. %

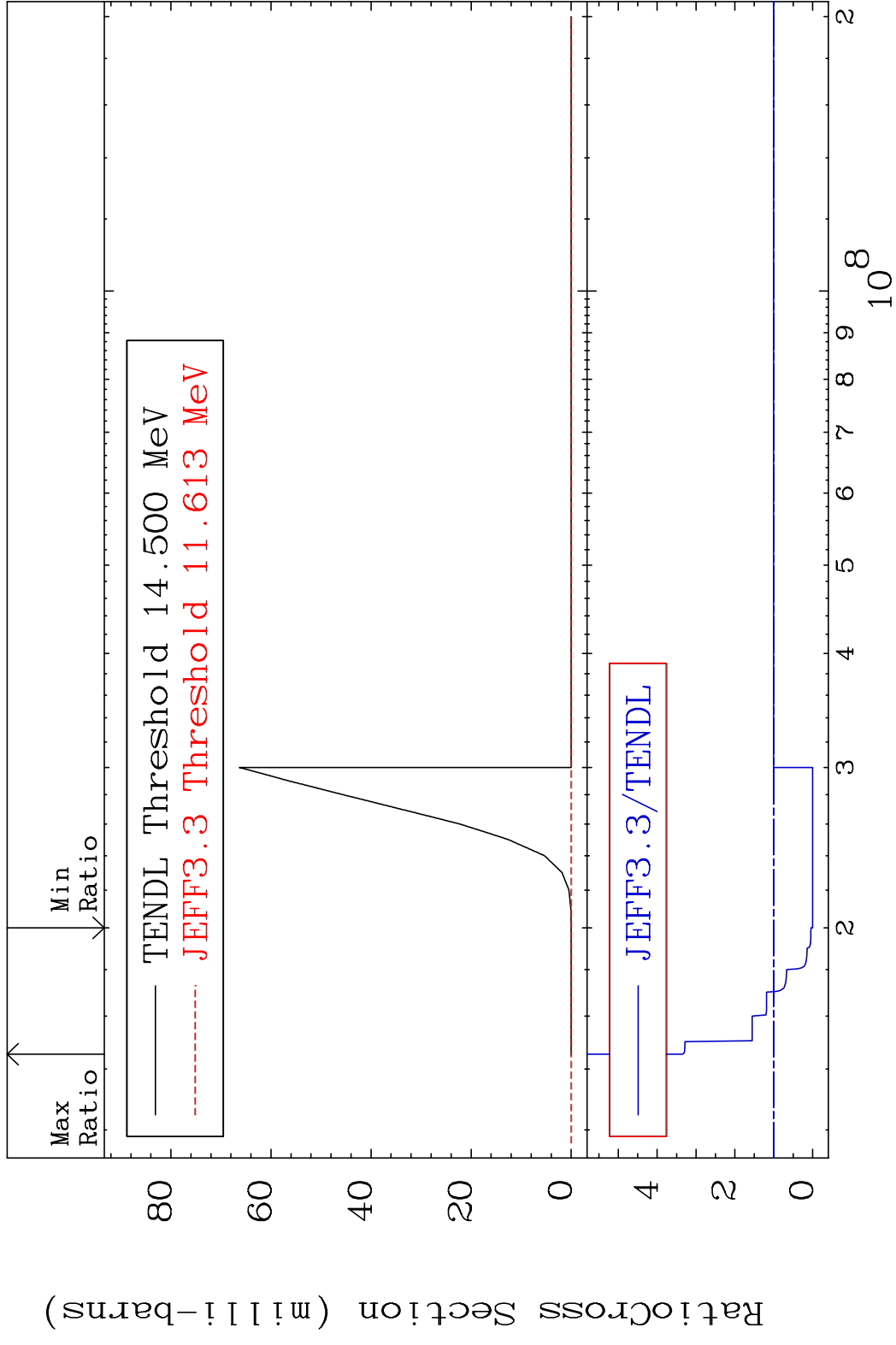


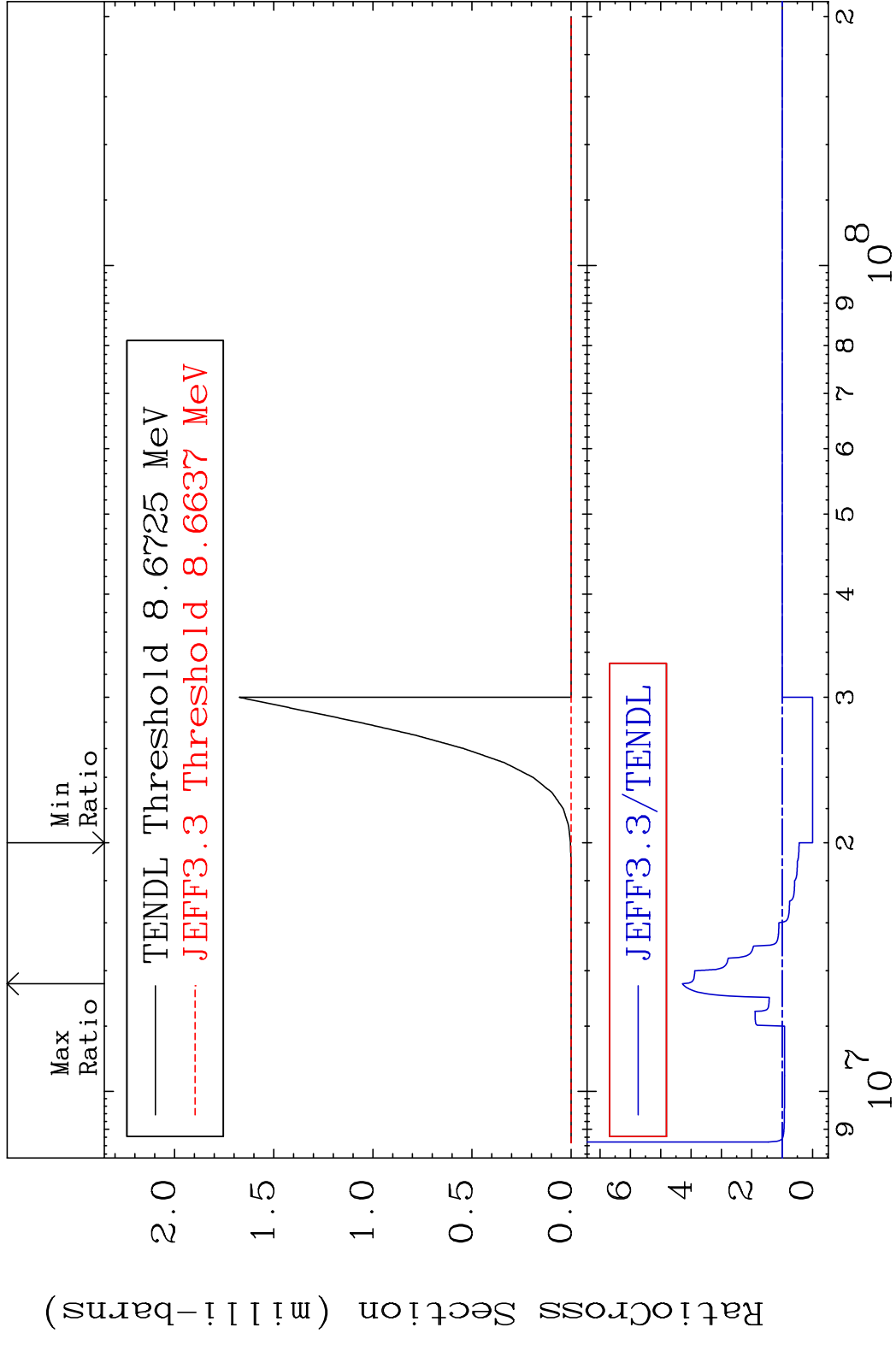
65 Incident Energy (eV) 43-Tc-99

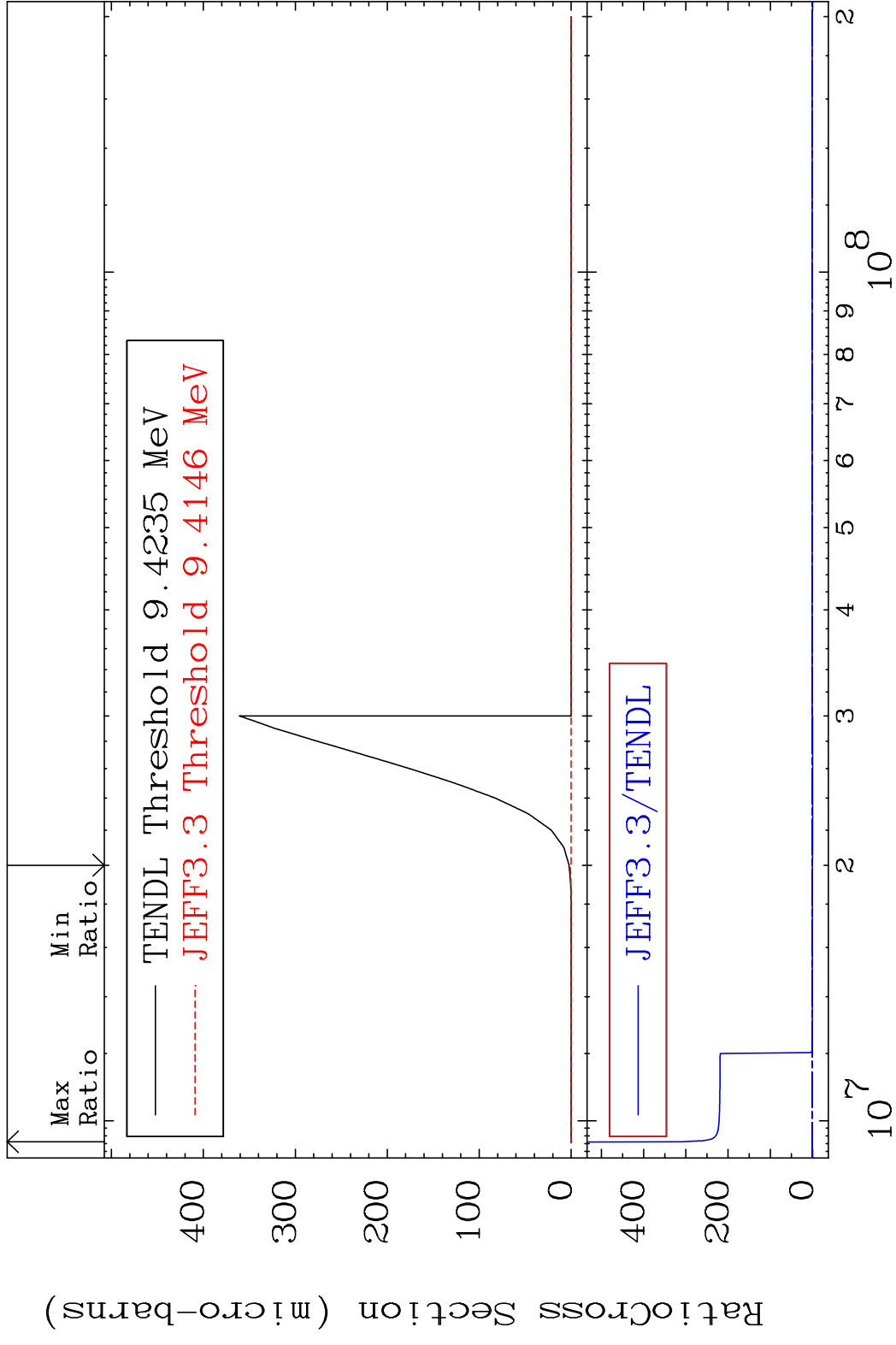
MAT 4325 Dpa disappearance (mt102 -120) 43-Tc-99
 Cross Section -100.0 To 9999. %



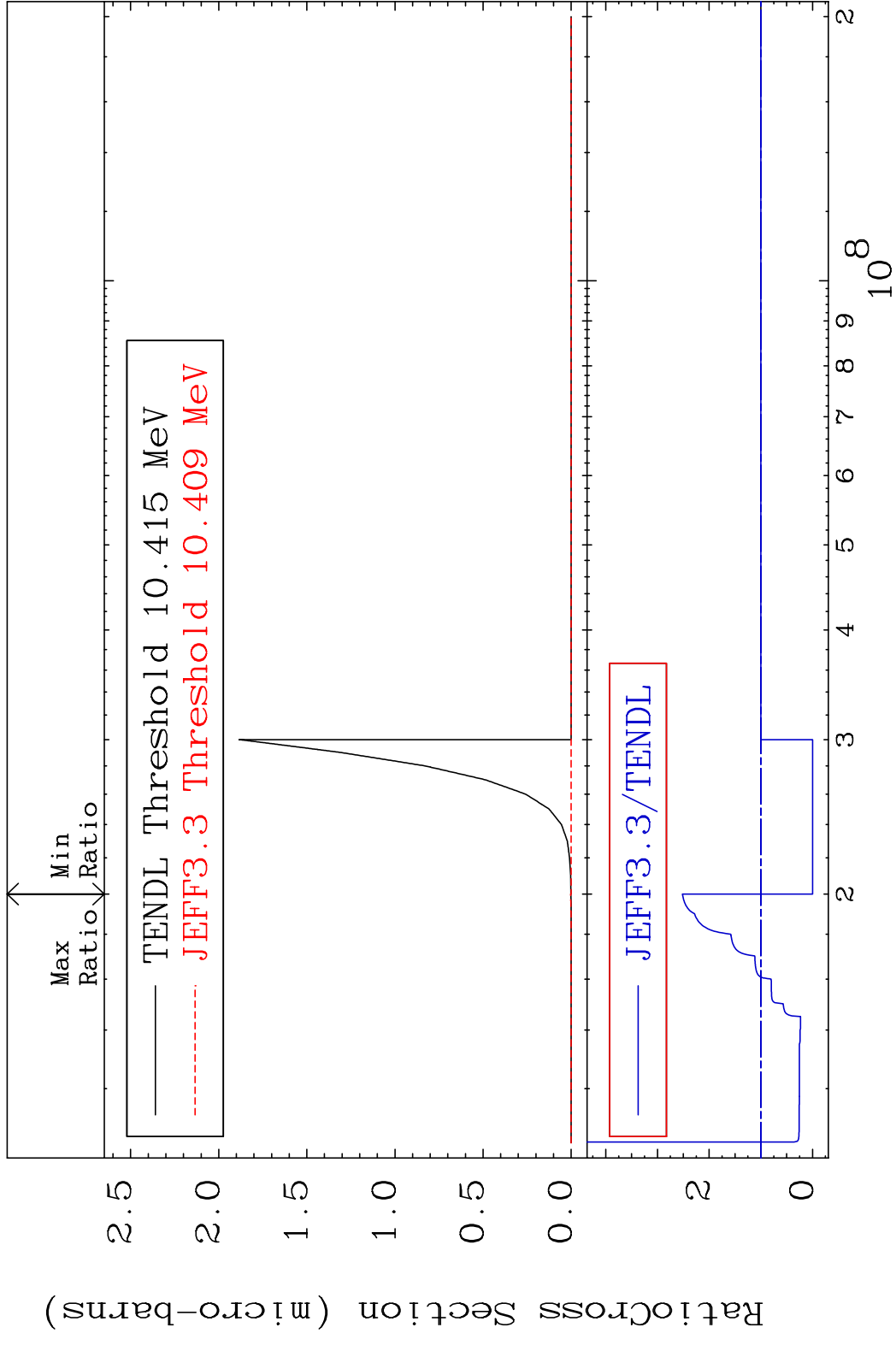
MAT 4325 (n,2n) α :41-Nb-94m1 43-Tc-99
 Radionuclide Production Cross Section 1800 dth 235.2 %







MAT 4325 (n,2p) : 41-Nb-98g 43-Tc-99
 Radionuclide Production Cross Section 151.8 %



MAT 4325 (n,2p):41-Nb-98m1 43-Tc-99
 Radionuclide Production Cross Section 1883.0 dno 1883. %

