

Program Complot
(Version 2021-1)

by

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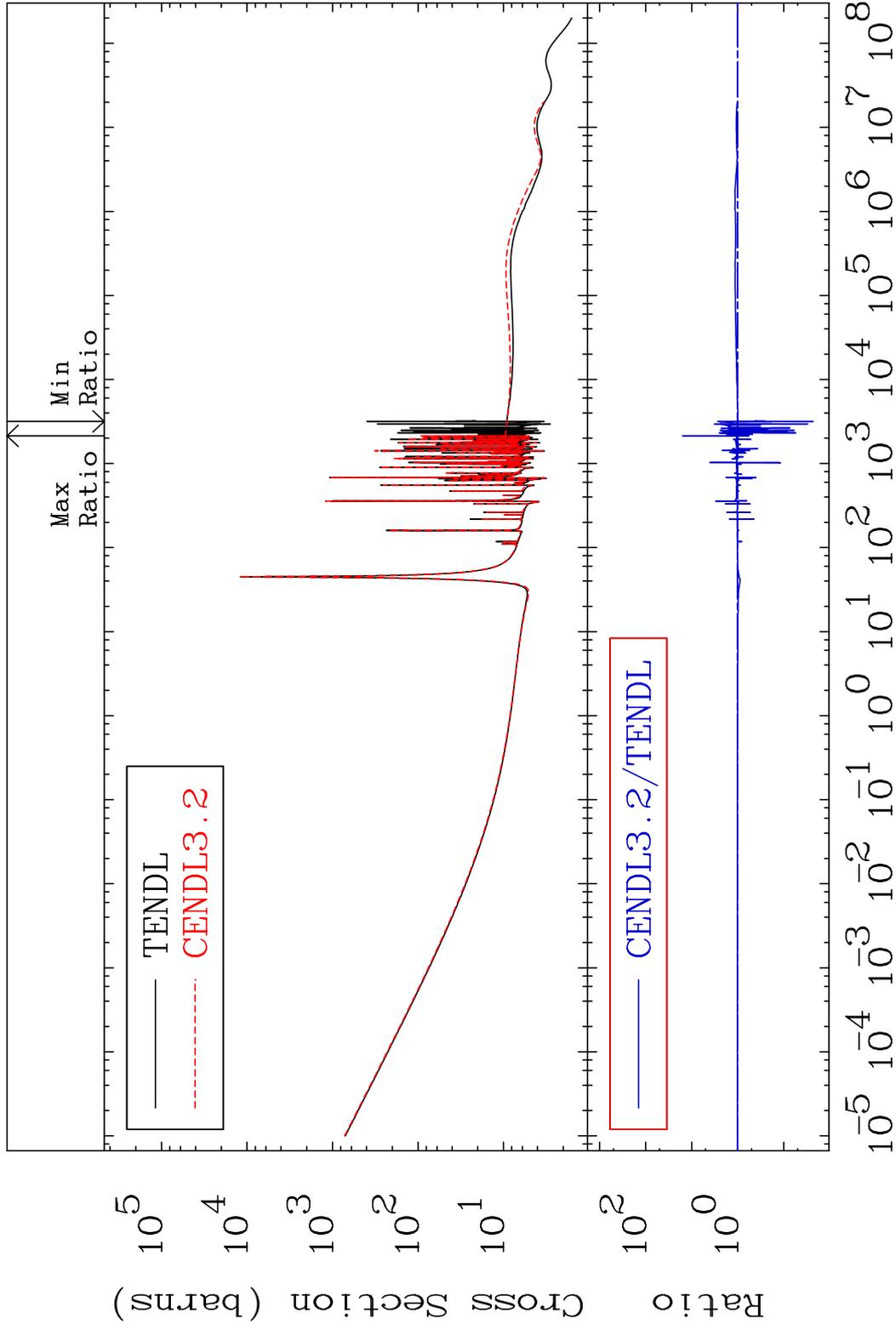
Press Mouse Button to Start

MAT 4234

Total

42-Mo-95

Cross Section -97.70 To 1458. %



1

Incident Energy (eV)

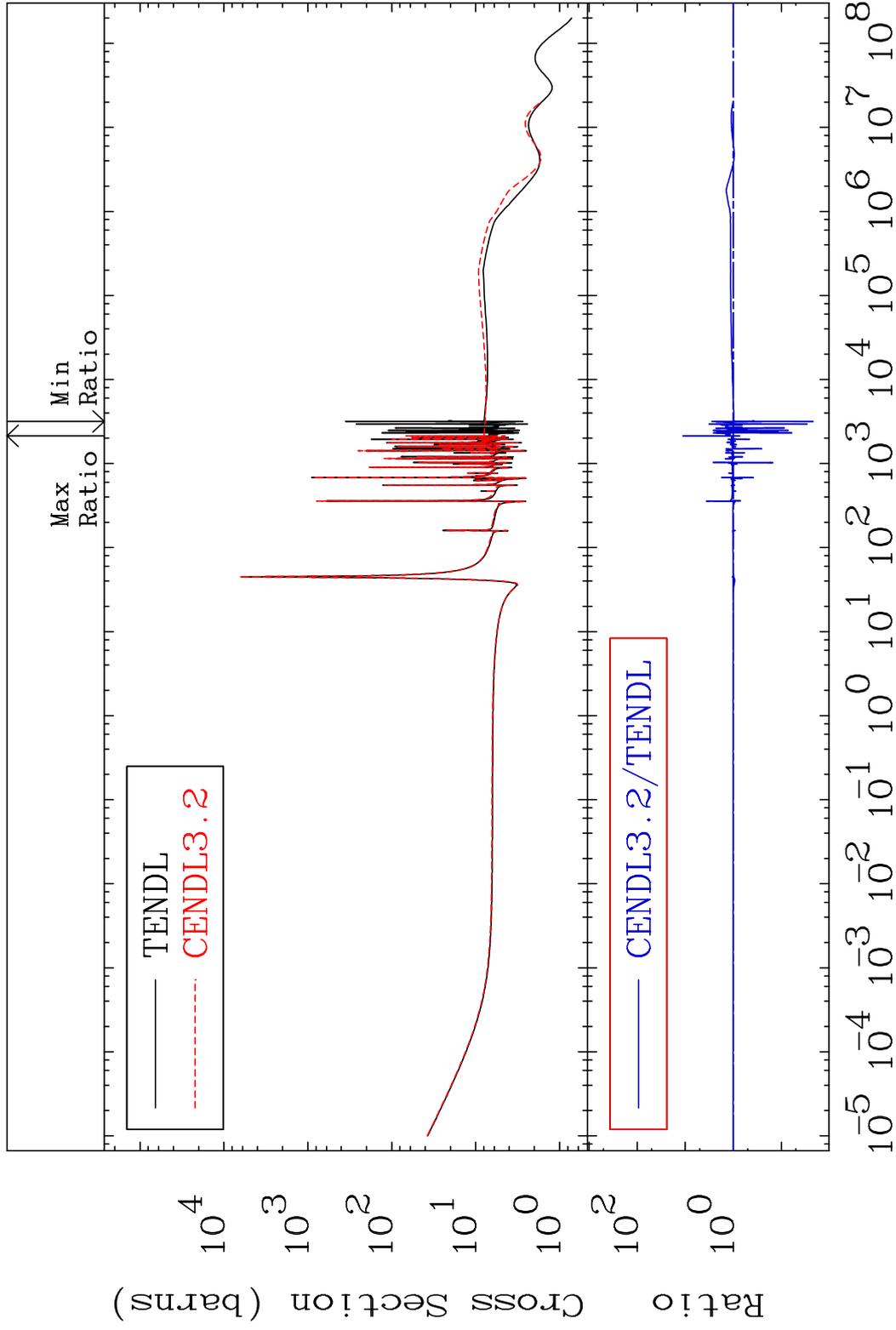
42-Mo-95

MAT 4234

Elastic

42-Mo-95

Cross Section -97.81 To 1022. %



2

Incident Energy (eV)

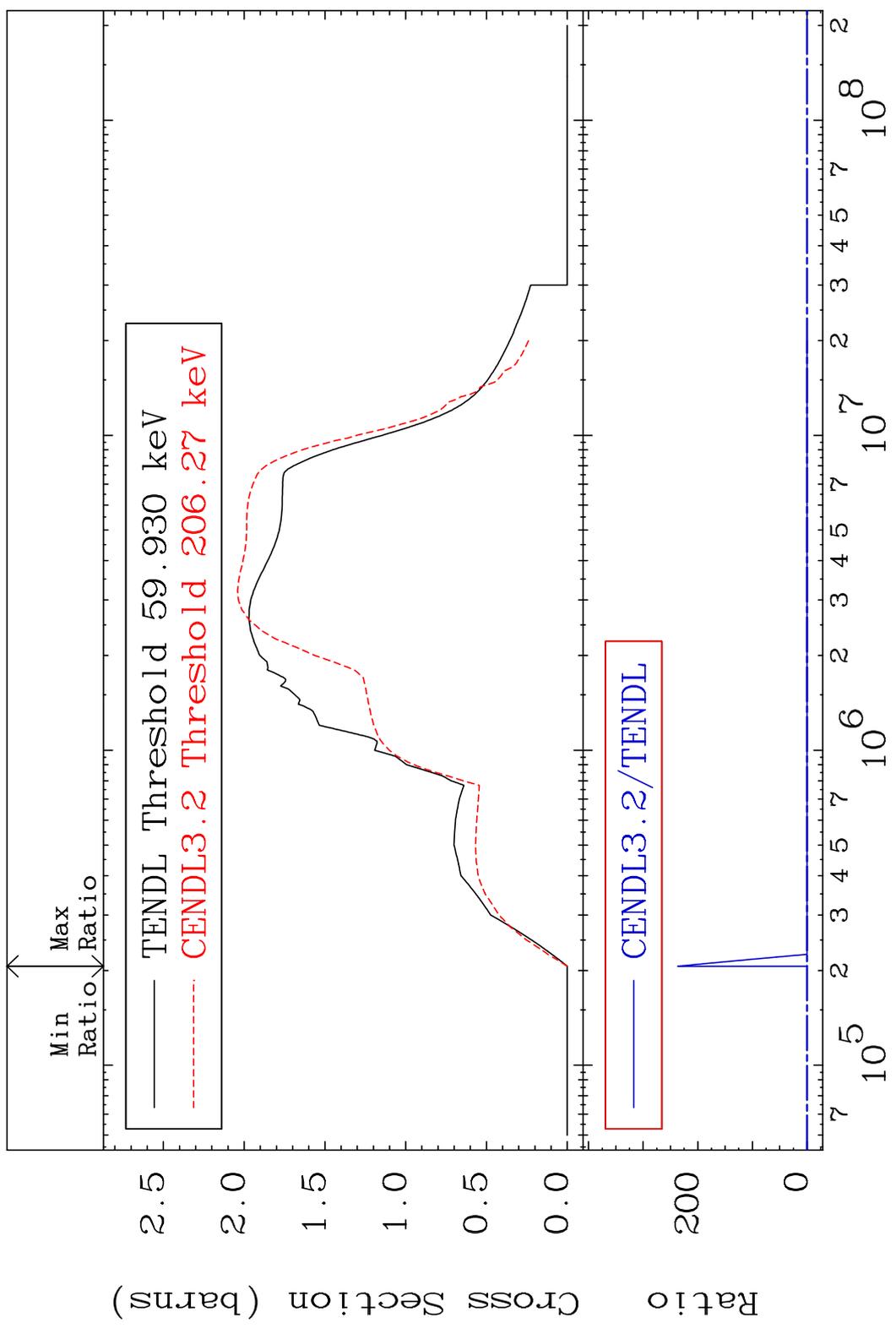
42-Mo-95

MAT 4234

Inelastic

42-Mo-95

Cross Section -100.0 To 9999. %



3

Incident Energy (eV)

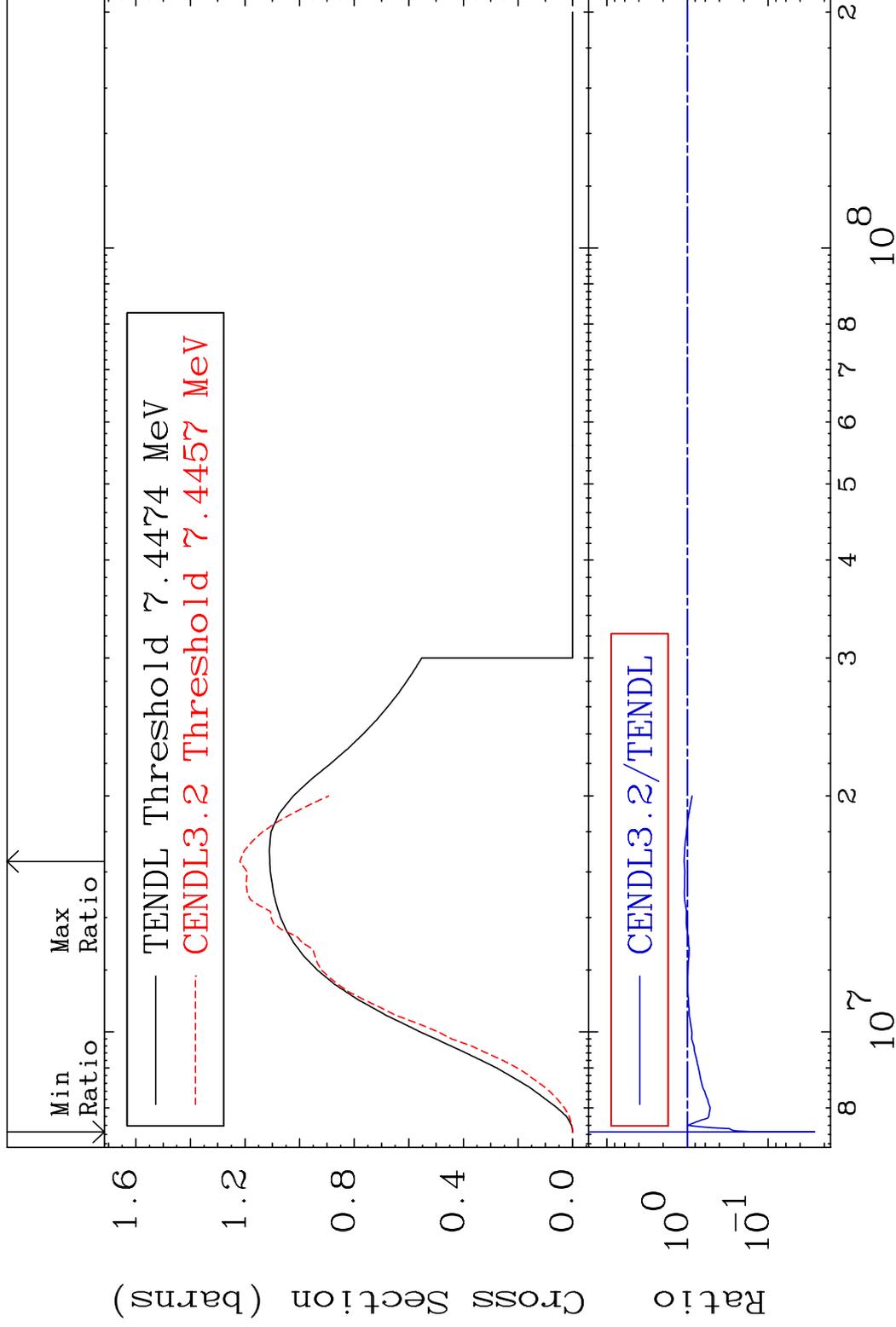
42-Mo-95

MAT 4234

(n,2n)

42-Mo-95

Cross Section -97.37 To 9.878 %

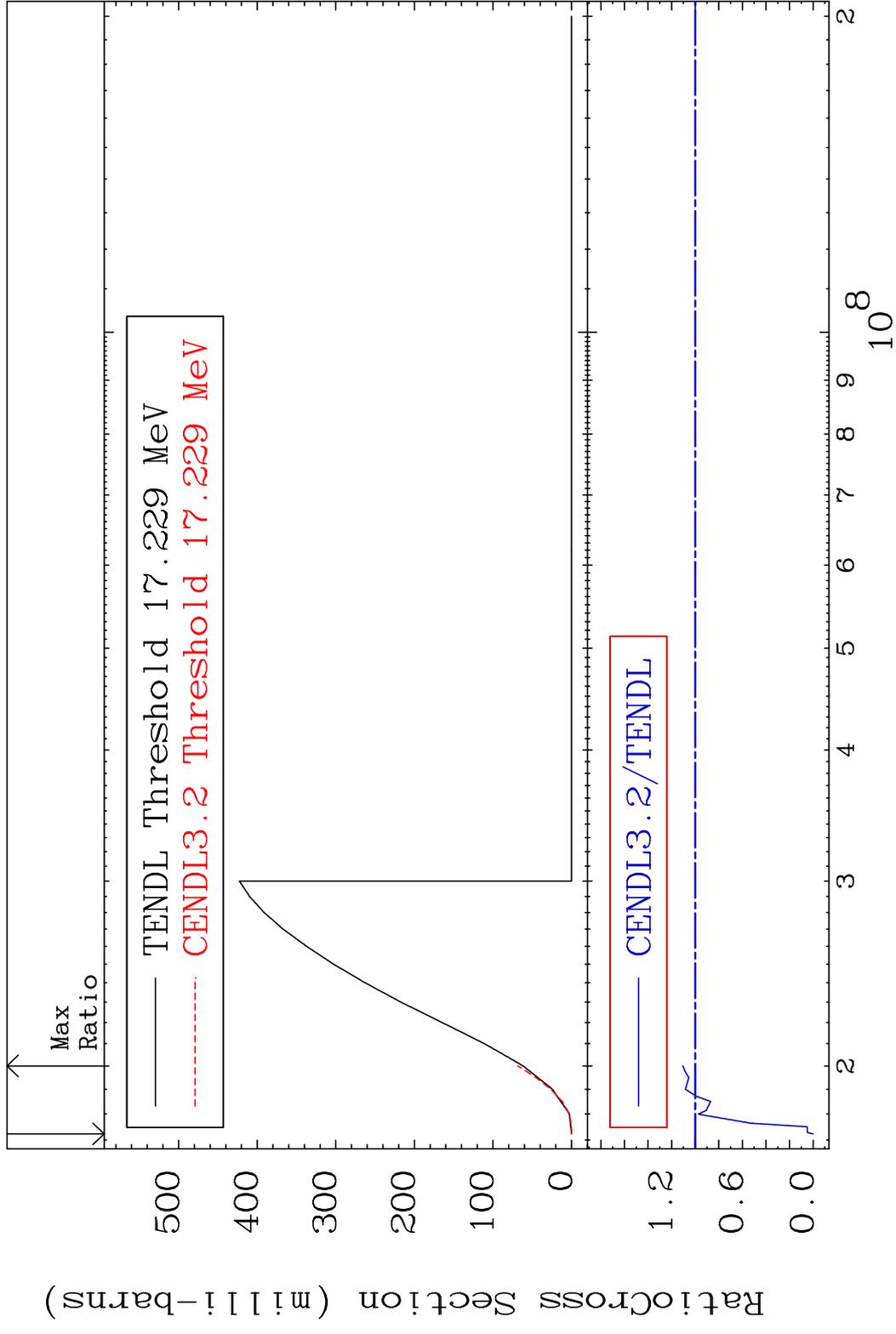


4

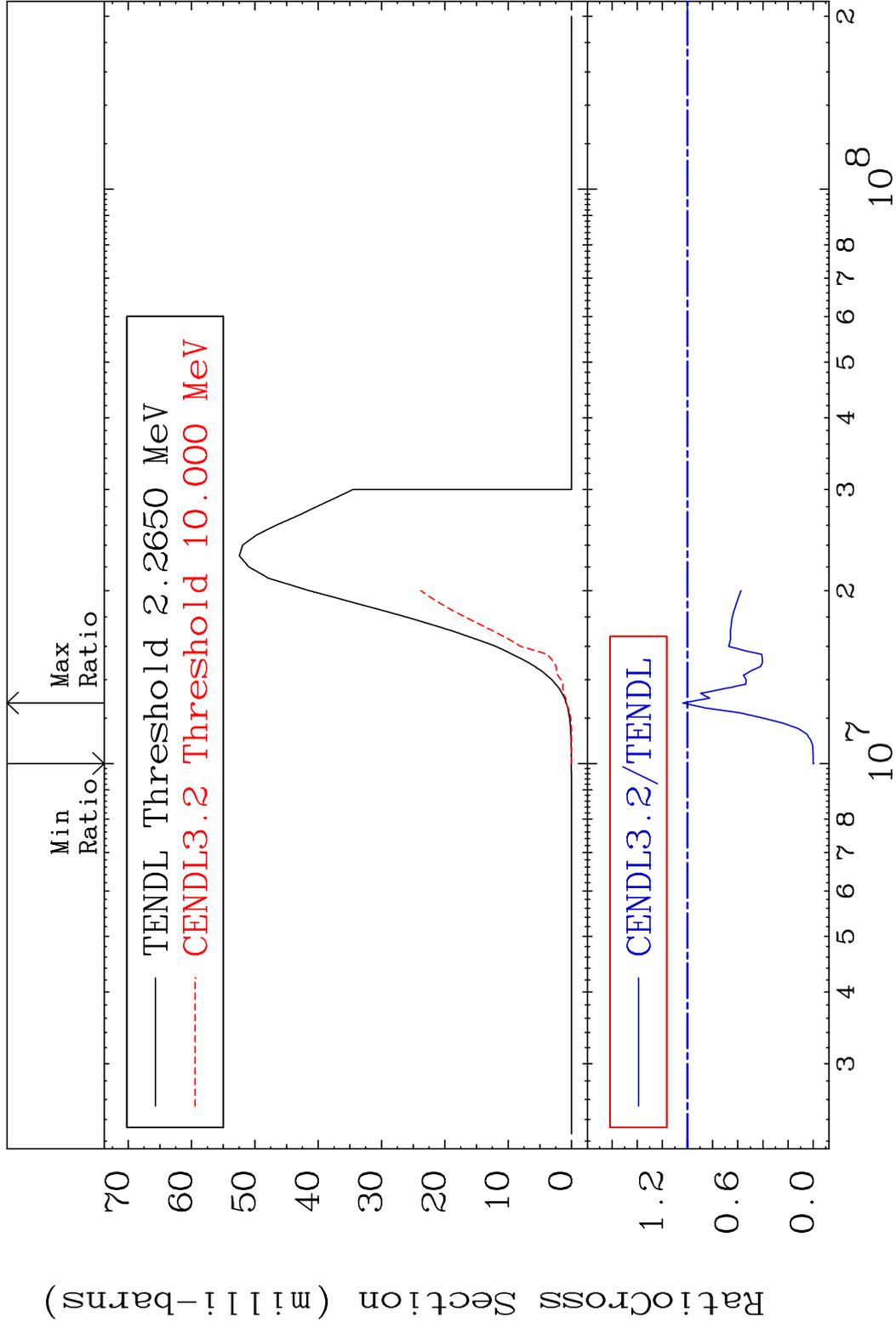
Incident Energy (eV)

42-Mo-95

MAT 4234 (n,3n) 42-Mo-95
 Cross Section -100.0 To 10.50 %



MAT 4234 (n, n') α 42-Mo-95
 Cross Section -100.0 To 3.713 %

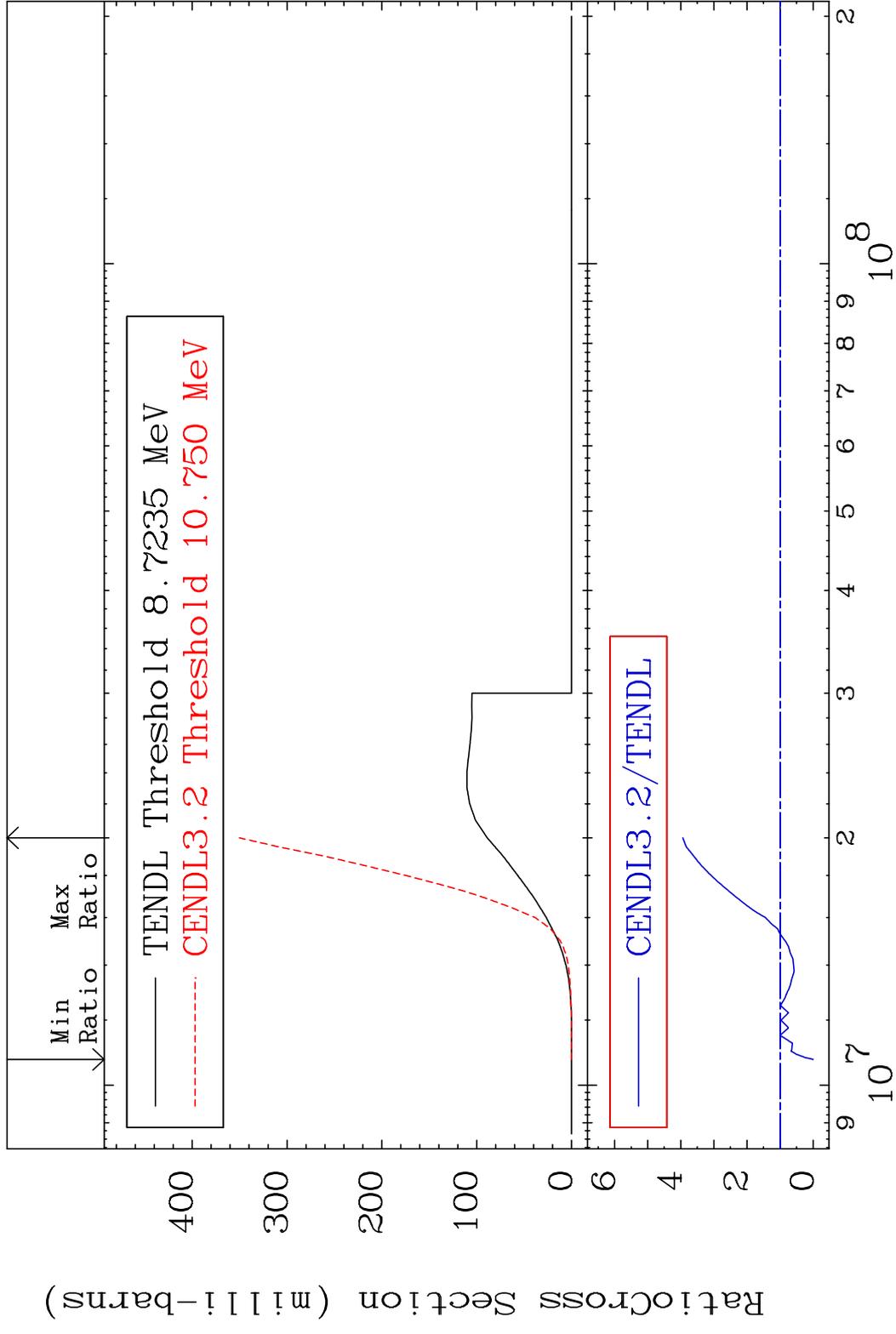


MAT 4234

(n, n') p

42-Mo-95

Cross Section -100.0 To 293.9 %

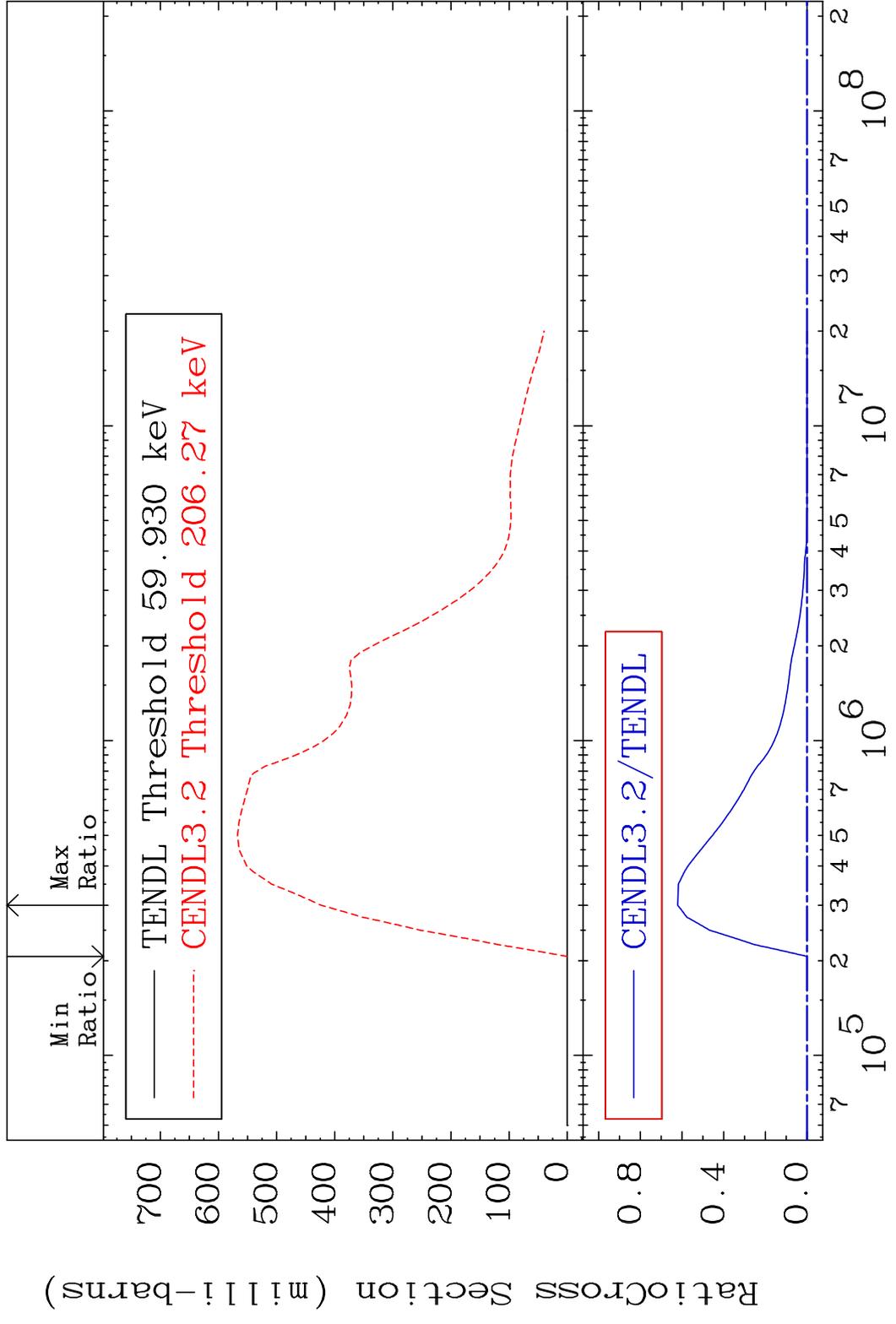


7

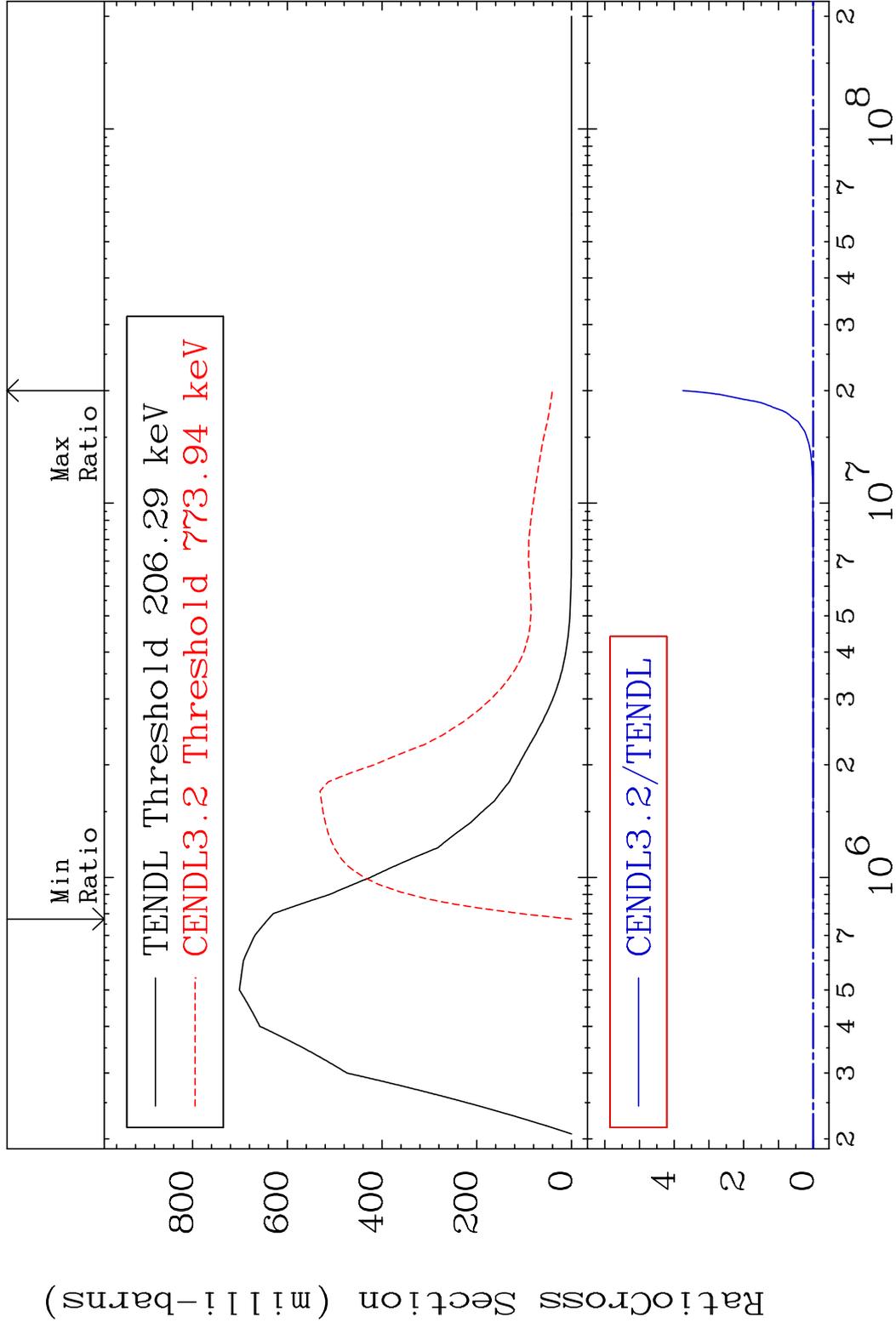
Incident Energy (eV)

42-Mo-95

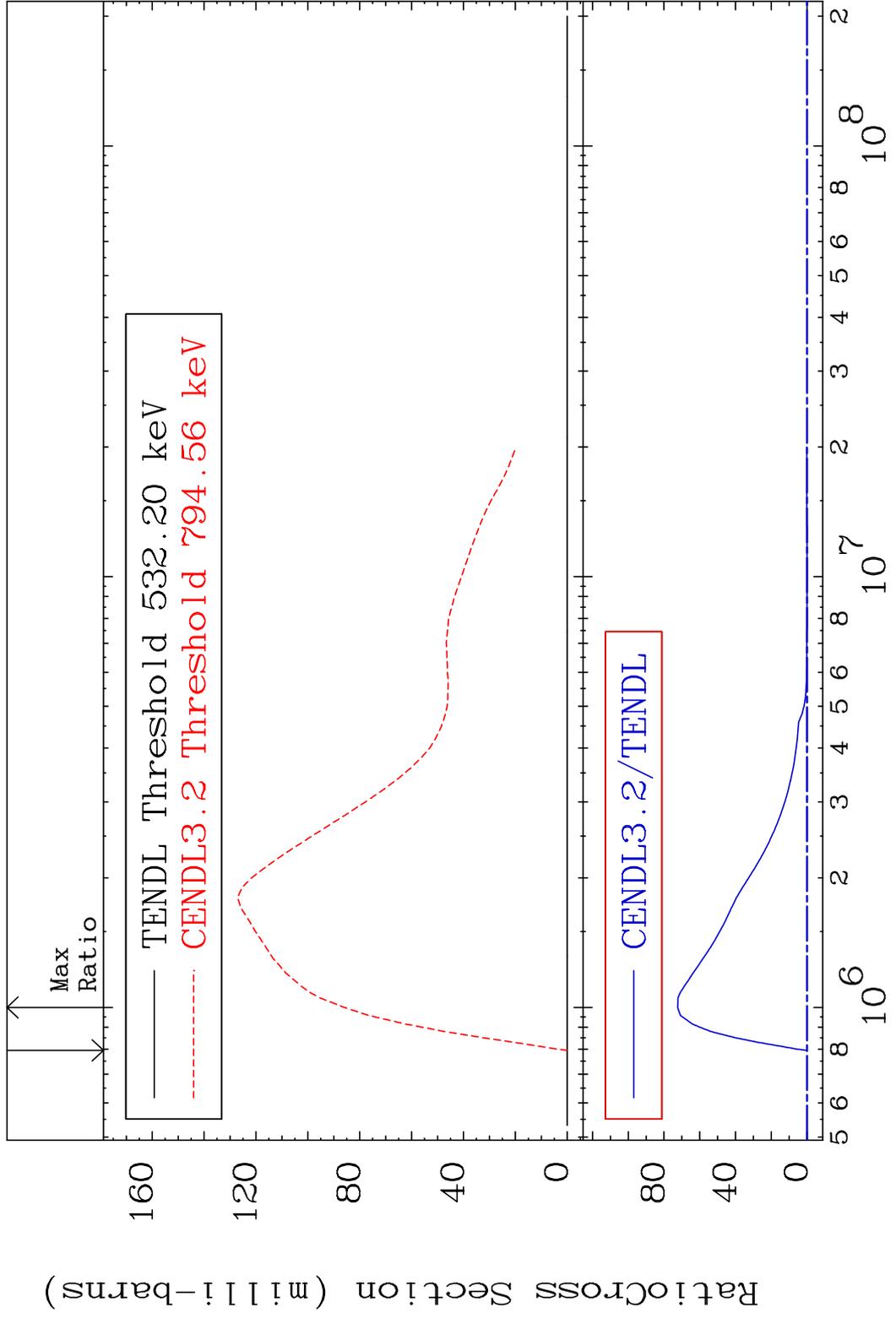
MAT 4234 MT= 51 (n,n') Level 42-Mo-95
 Cross Section -100.0 To 9999. %



MAT 4234 MT= 52 (n,n') Level 42-Mo-95
 Cross Section -100.0 To 9999. %

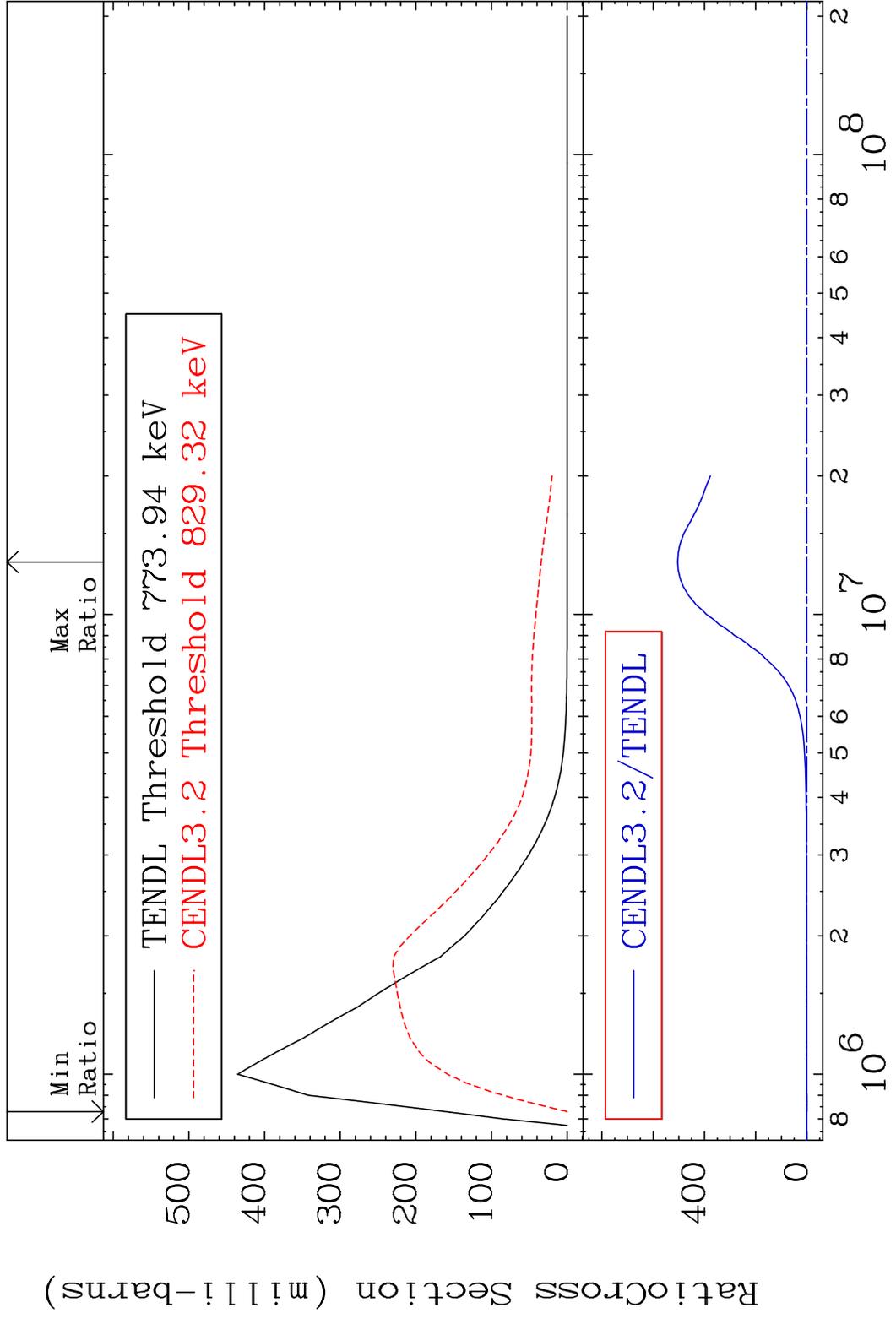


MAT 4234 MT= 53 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 9999. %

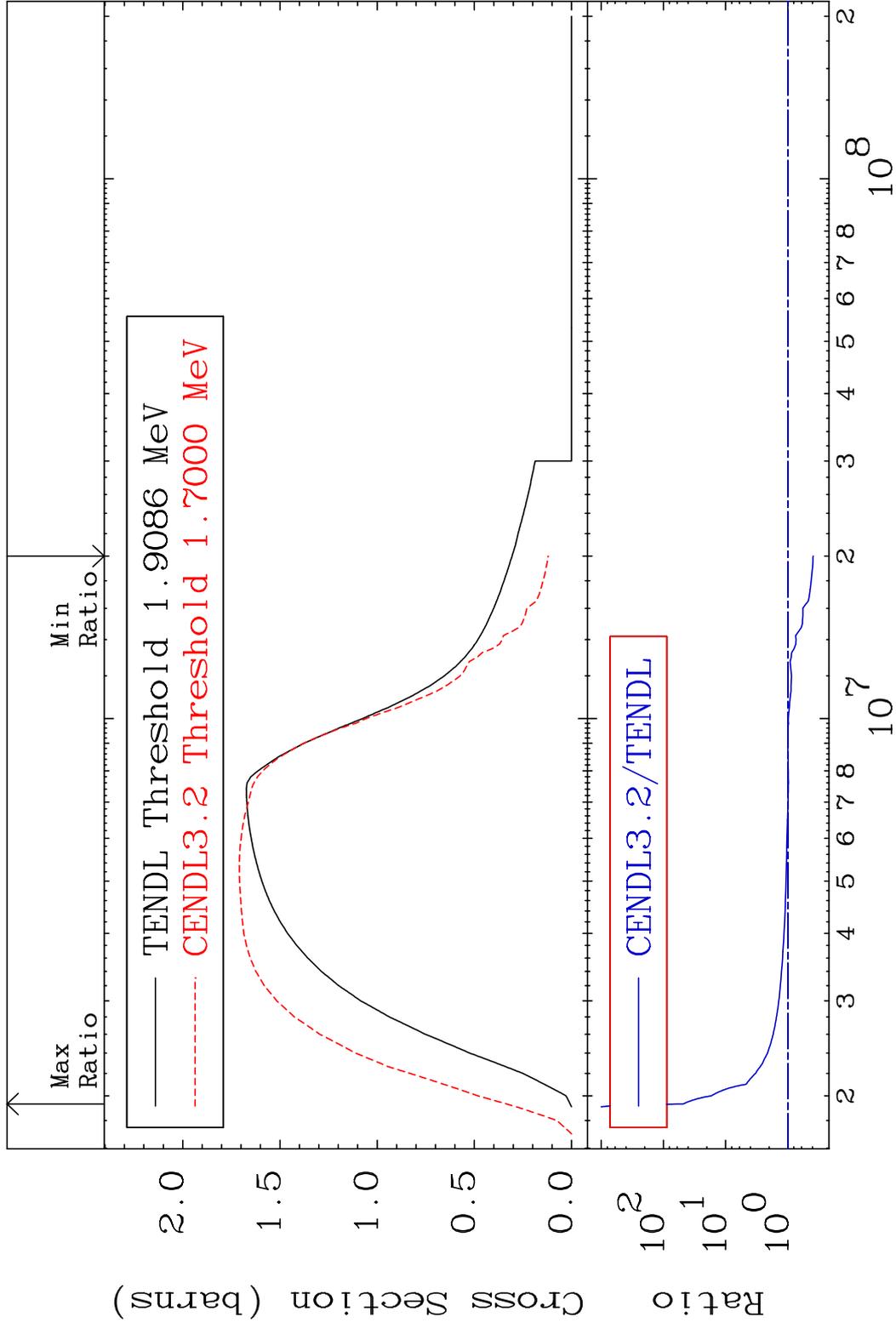


10 Incident Energy (eV) 42-Mo-95

MAT 4234 MT= 54 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 9999. %



MAT 4234 (n, n') Continuum 42-Mo-95
 Cross Section -60.78 To 4779. %

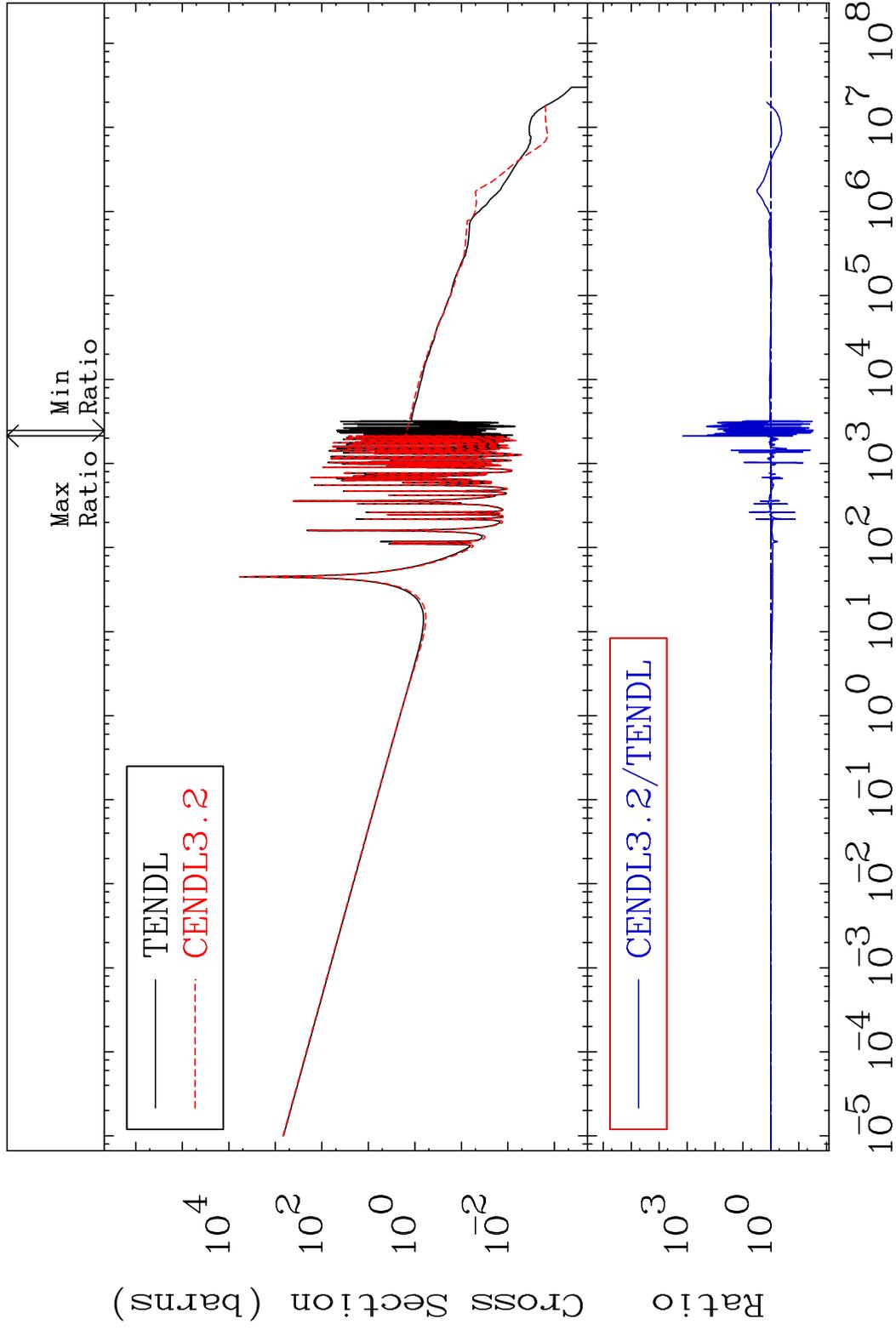


MAT 4234

(n, γ)

42-Mo-95

Cross Section -96.93 To 9999. %



13

Incident Energy (eV)

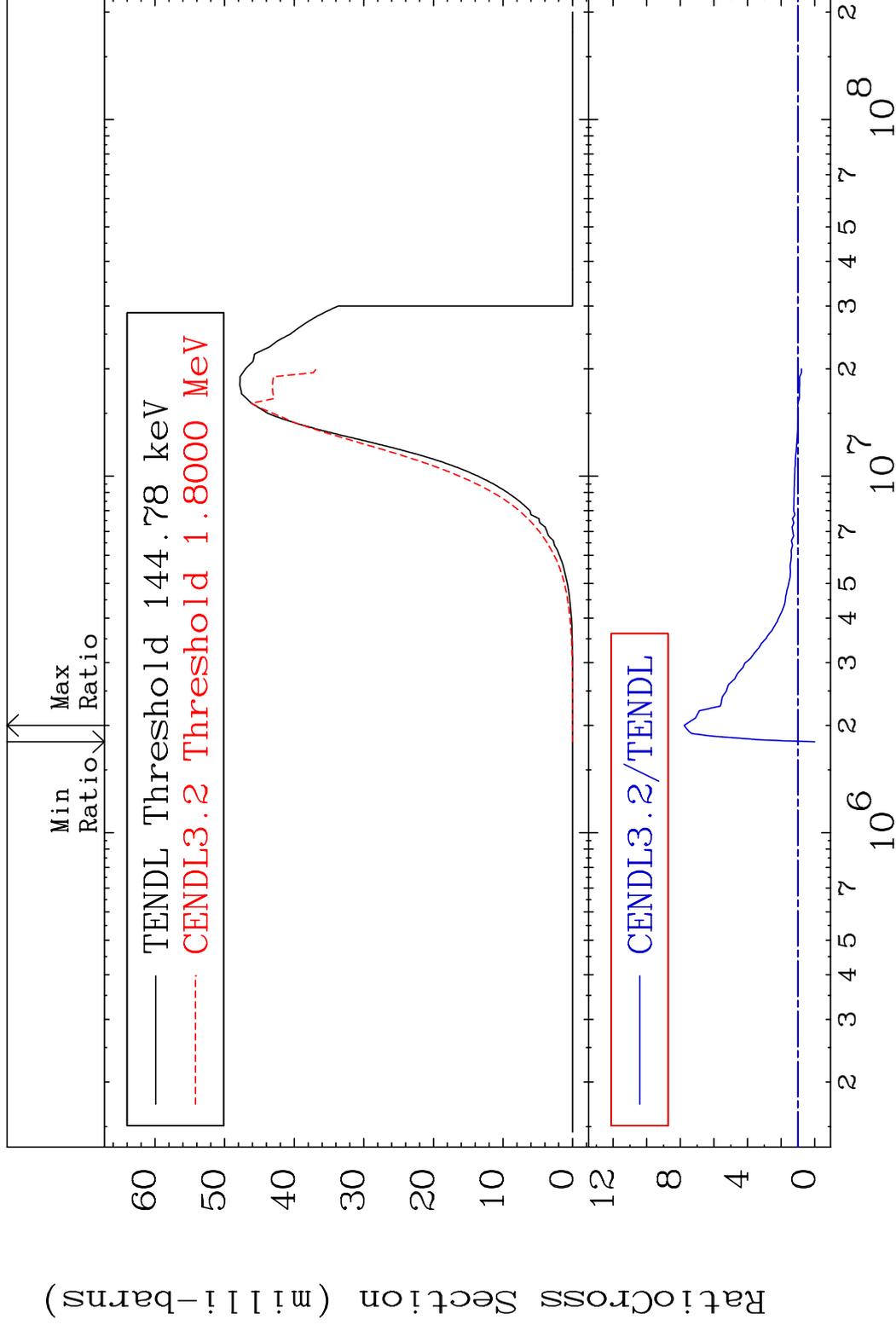
42-Mo-95

MAT 4234

(n, p)

42-Mo-95

Cross Section -100.0 To 677.3 %

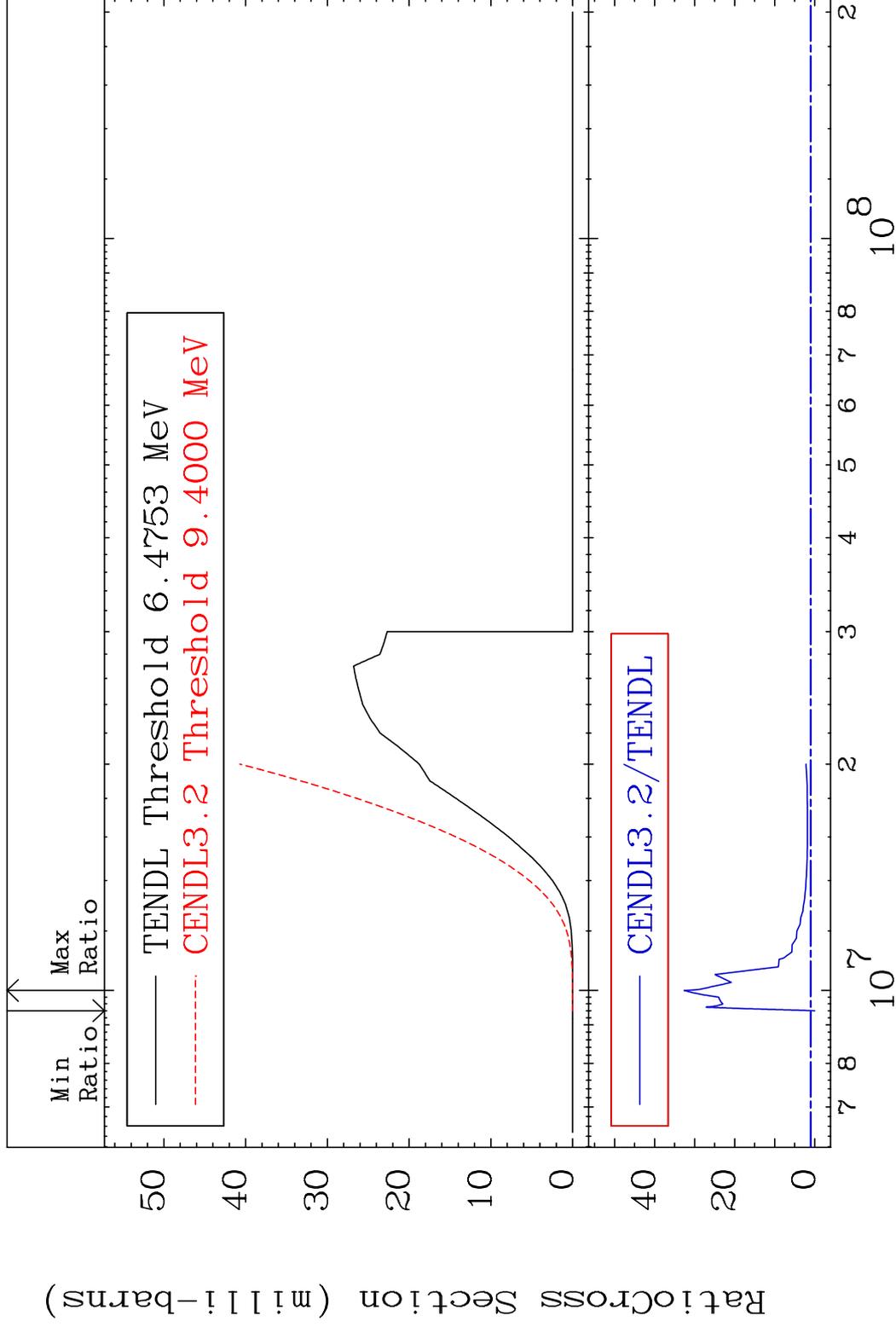


MAT 4234

(n, d)

42-Mo-95

Cross Section -100.0 To 3162. %



15

Incident Energy (eV)

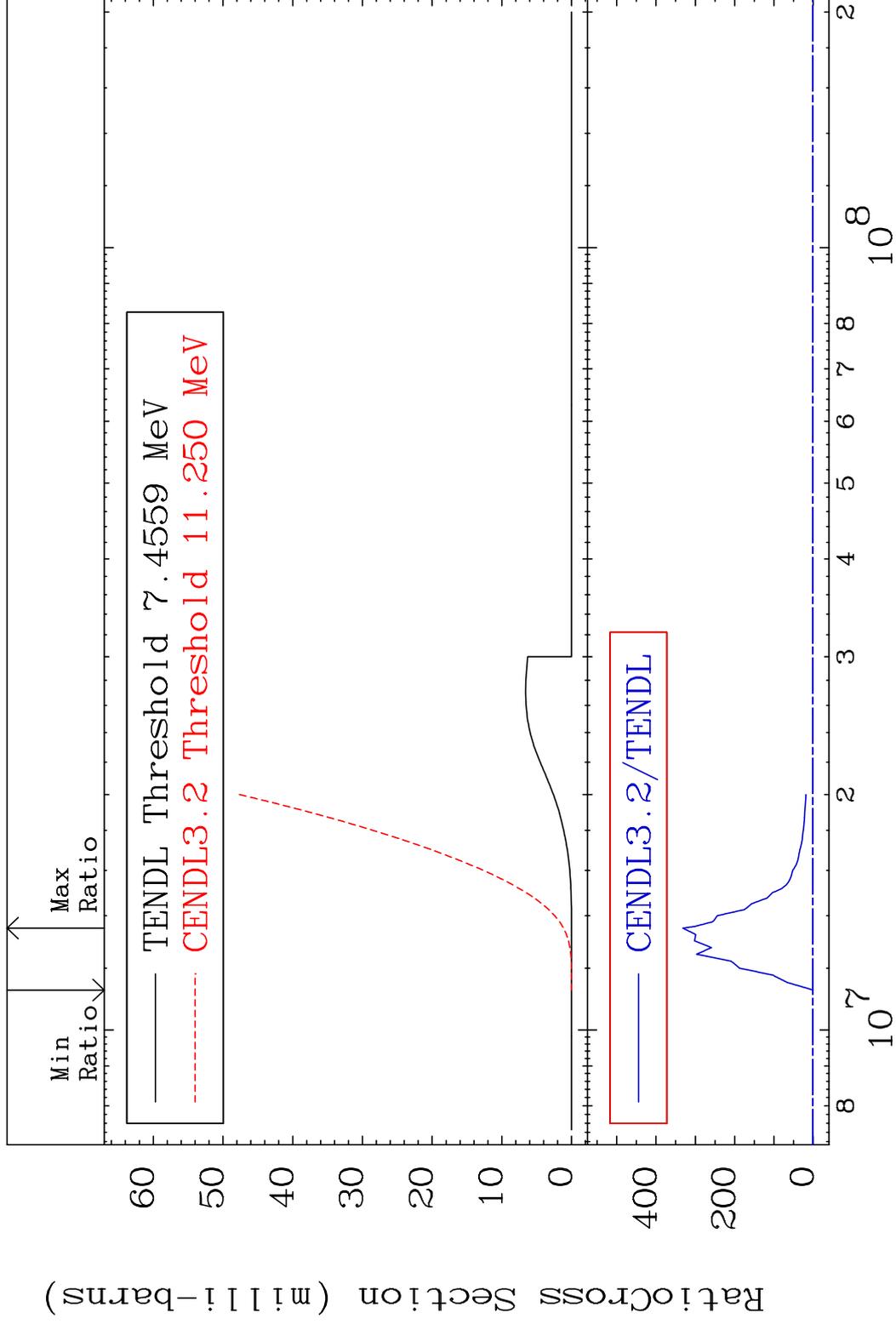
42-Mo-95

MAT 4234

(n, t)

42-Mo-95

Cross Section -100.0 To 9999. %



16

Incident Energy (eV)

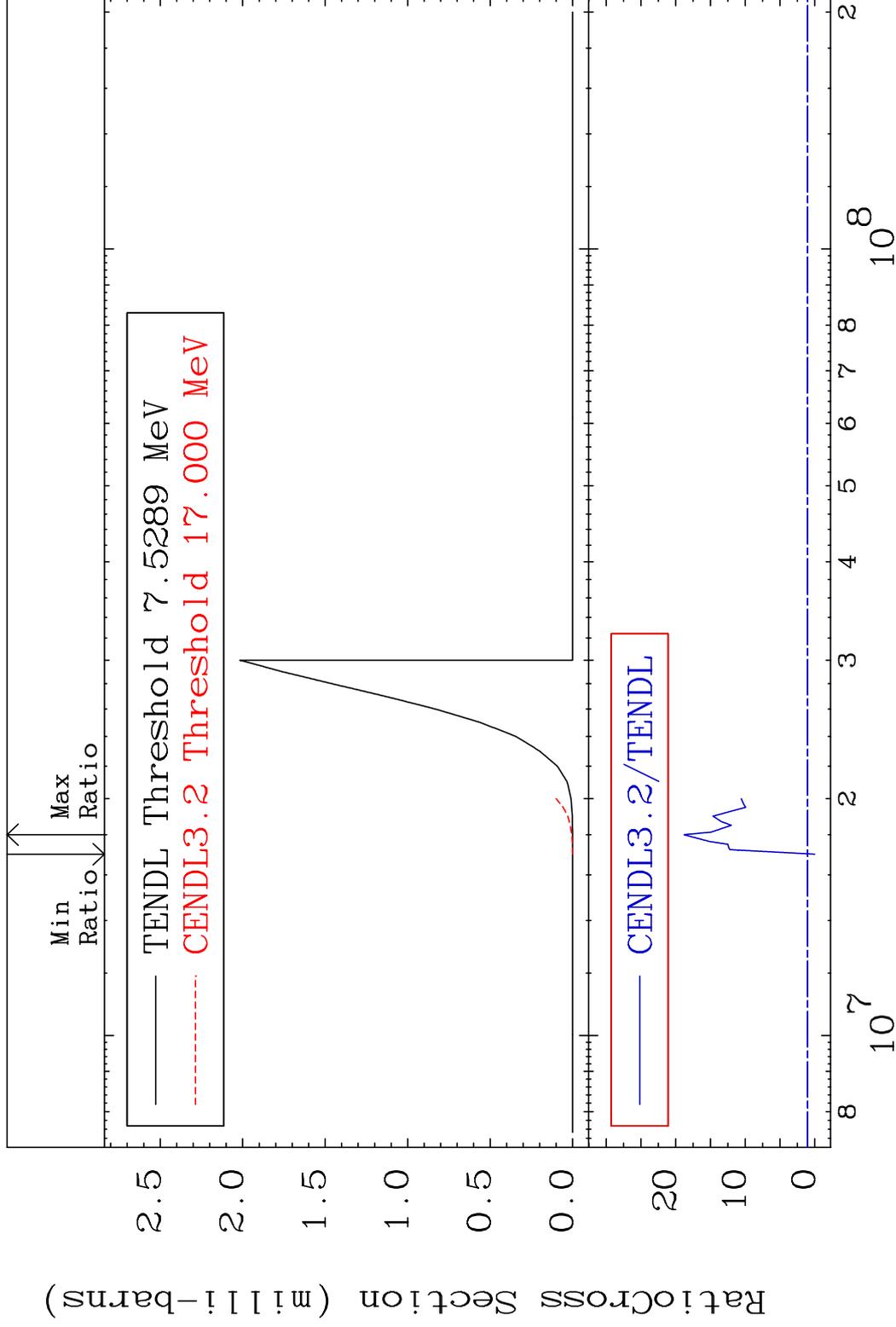
42-Mo-95

MAT 4234

(n, He-3)

42-Mo-95

Cross Section -100.0 To 1778. %



17

Incident Energy (eV)

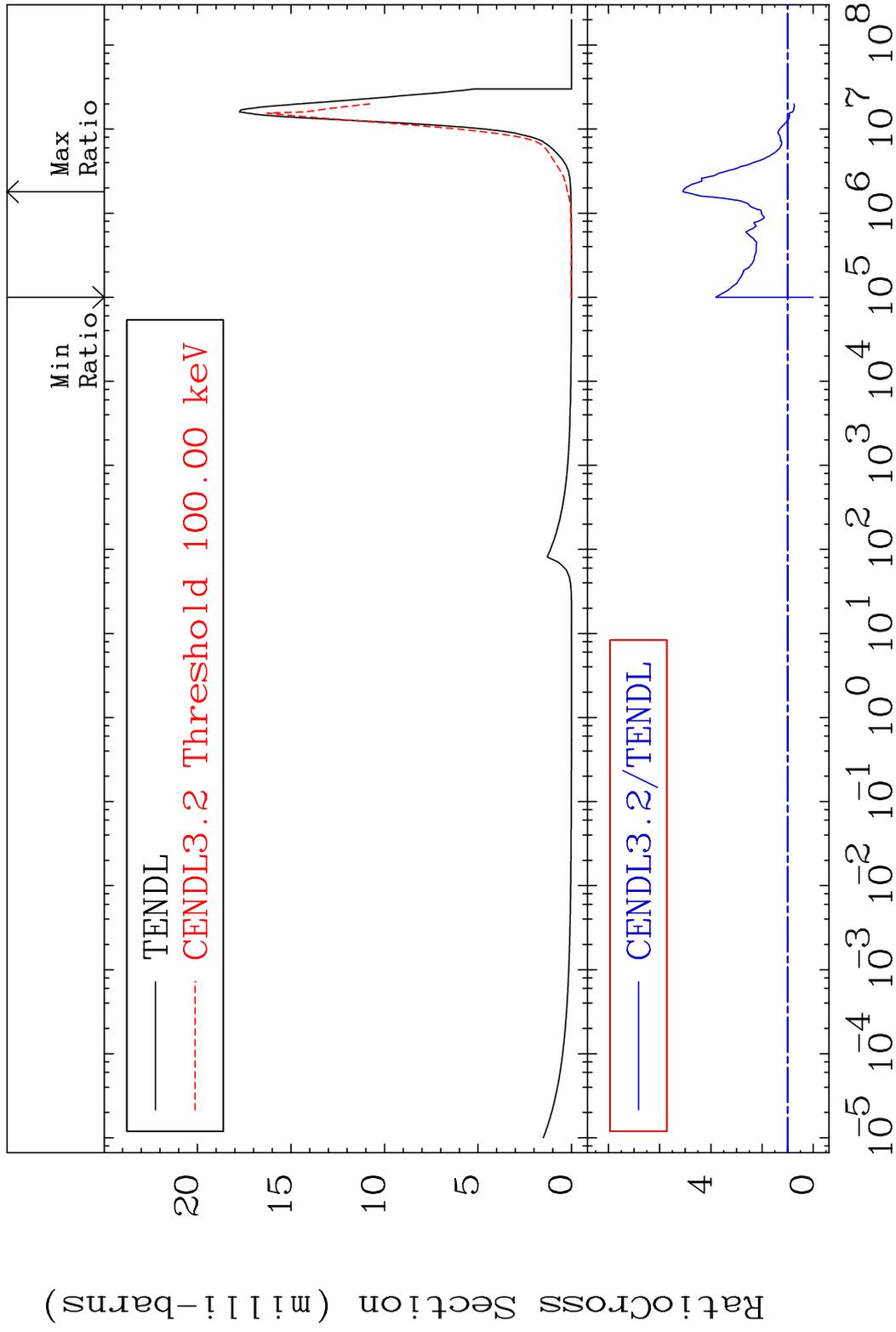
42-Mo-95

MAT 4234

(n, α)

42-Mo-95

Cross Section -100.0 To 409.4 %

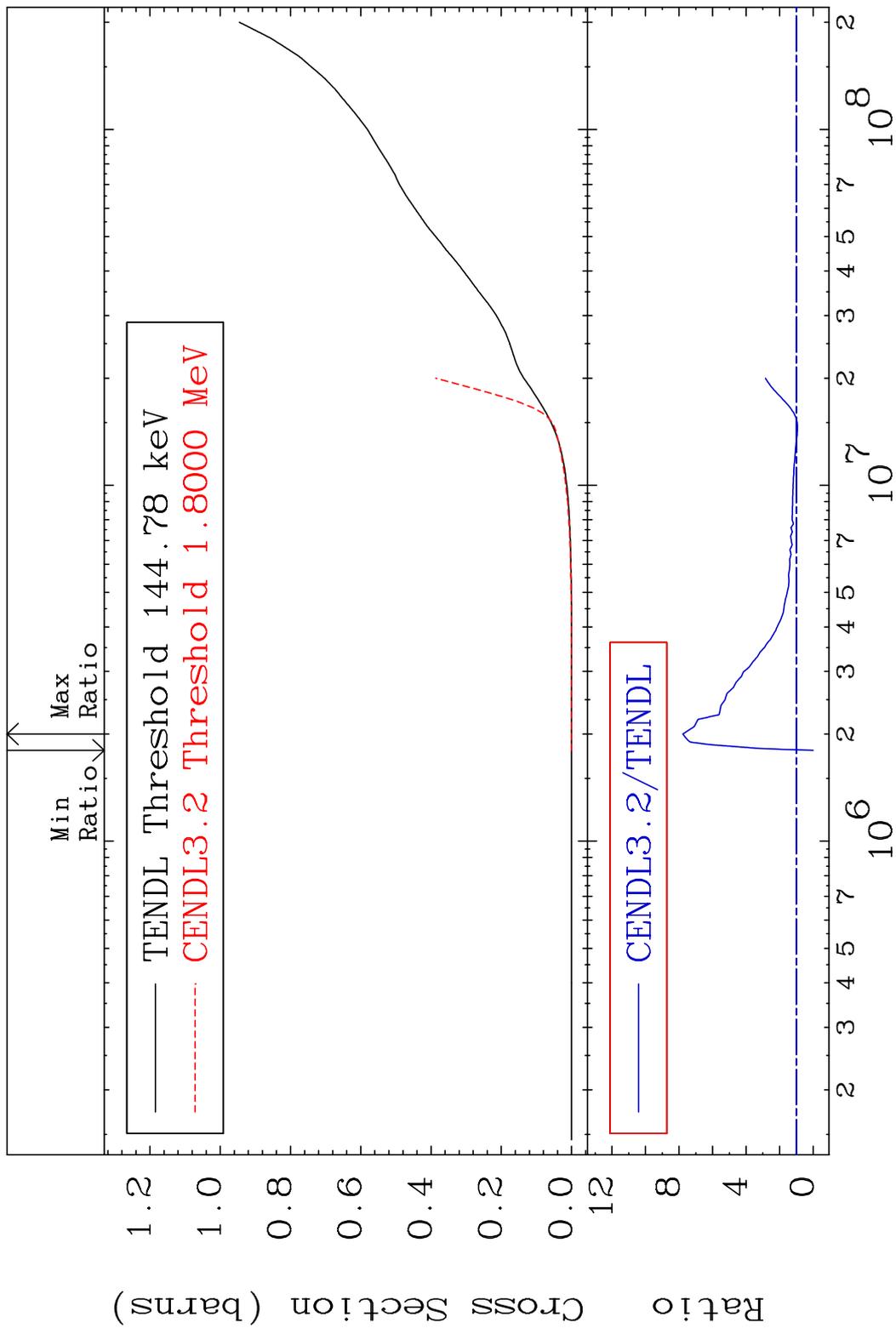


18

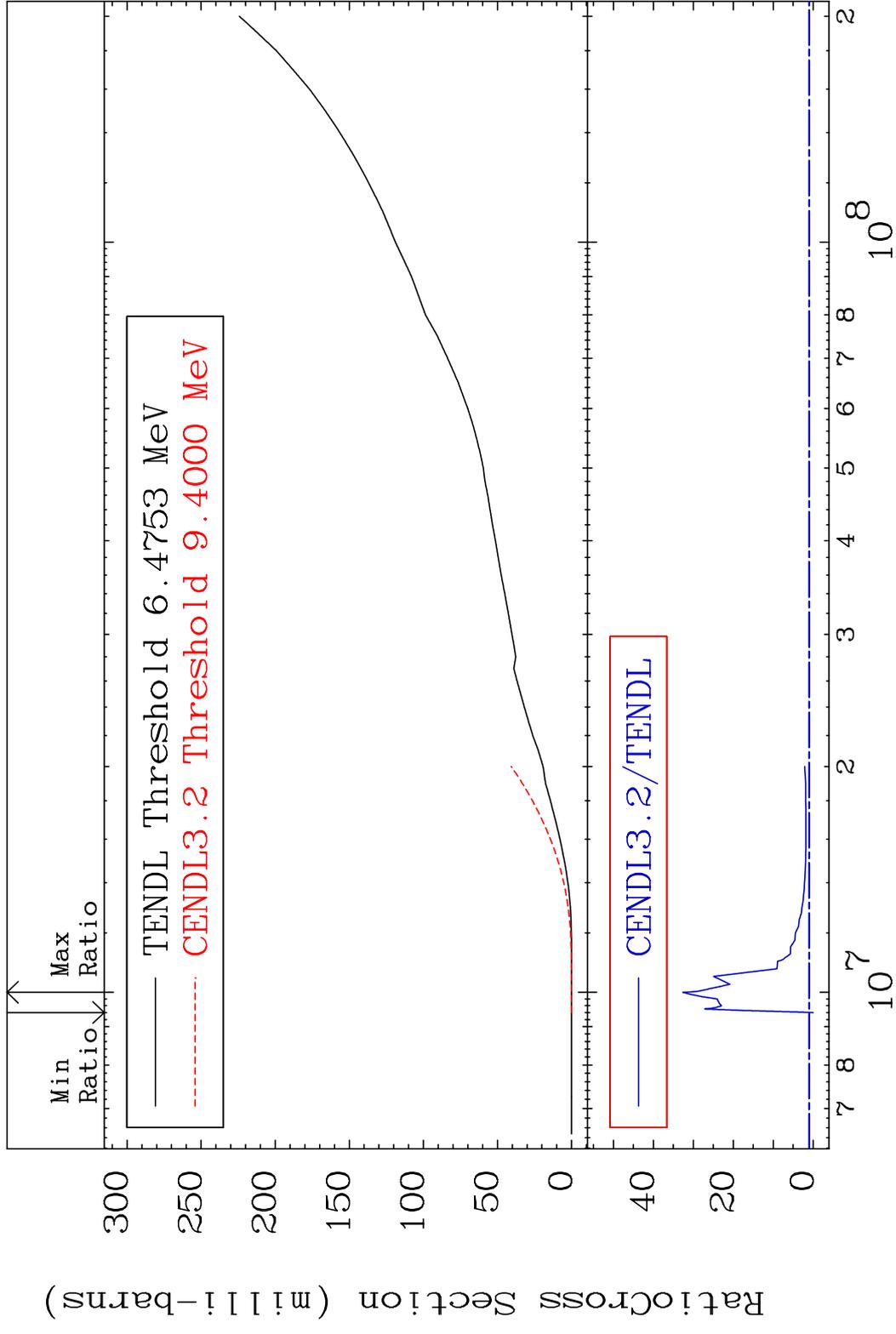
Incident Energy (eV)

42-Mo-95

MAT 4234 Hydrogen Production 42-Mo-95
 Cross Section -100.0 To 677.3 %



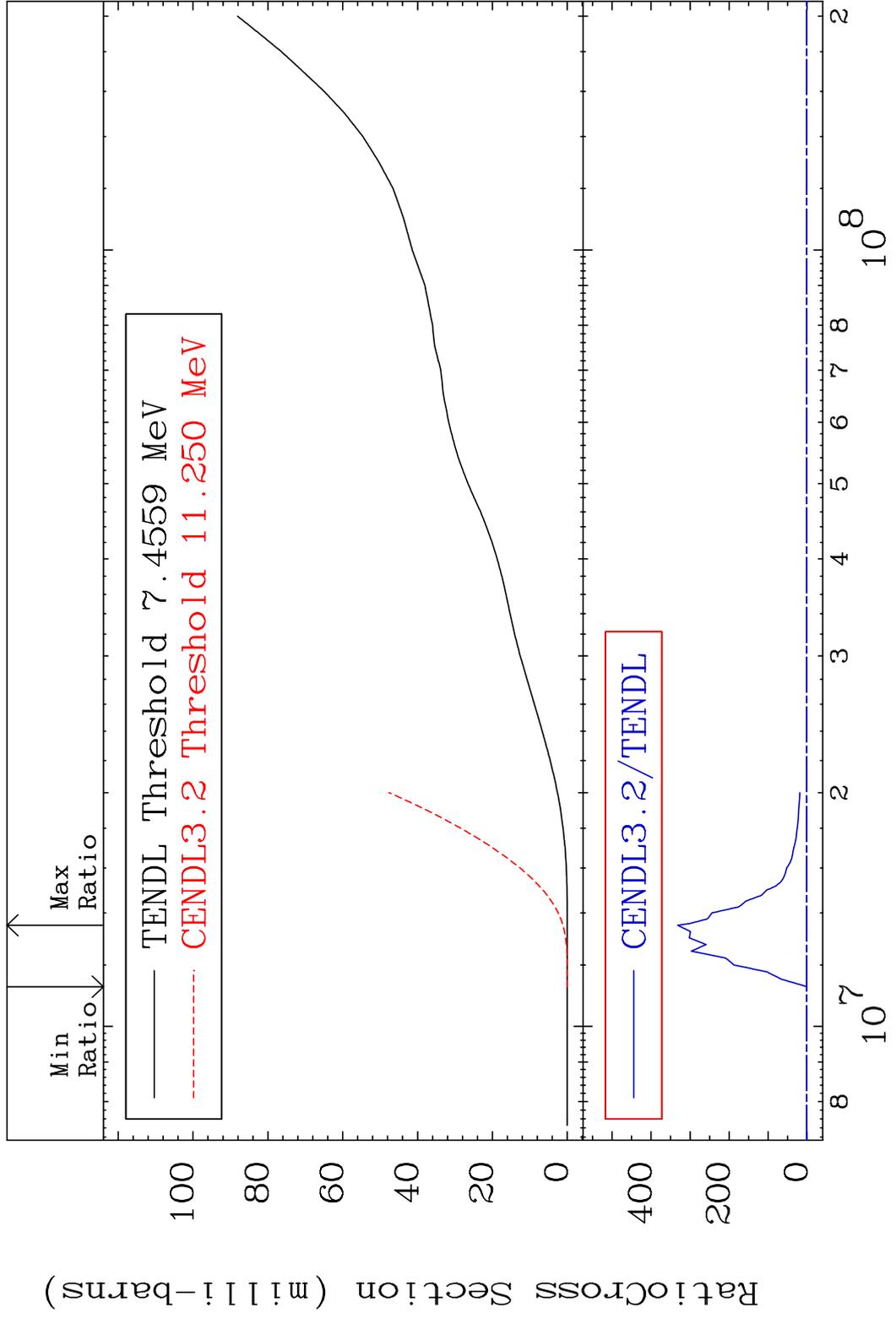
MAT 4234 Deuterium Production 42-Mo-95
 Cross Section -100.0 To 3162. %



20 10 8 7 6 5 4 3 2 10⁷ 10⁸ 42-Mo-95

MAT 4234

Tritium Production 42-Mo-95
Cross Section -100.0 To 9999. %



21

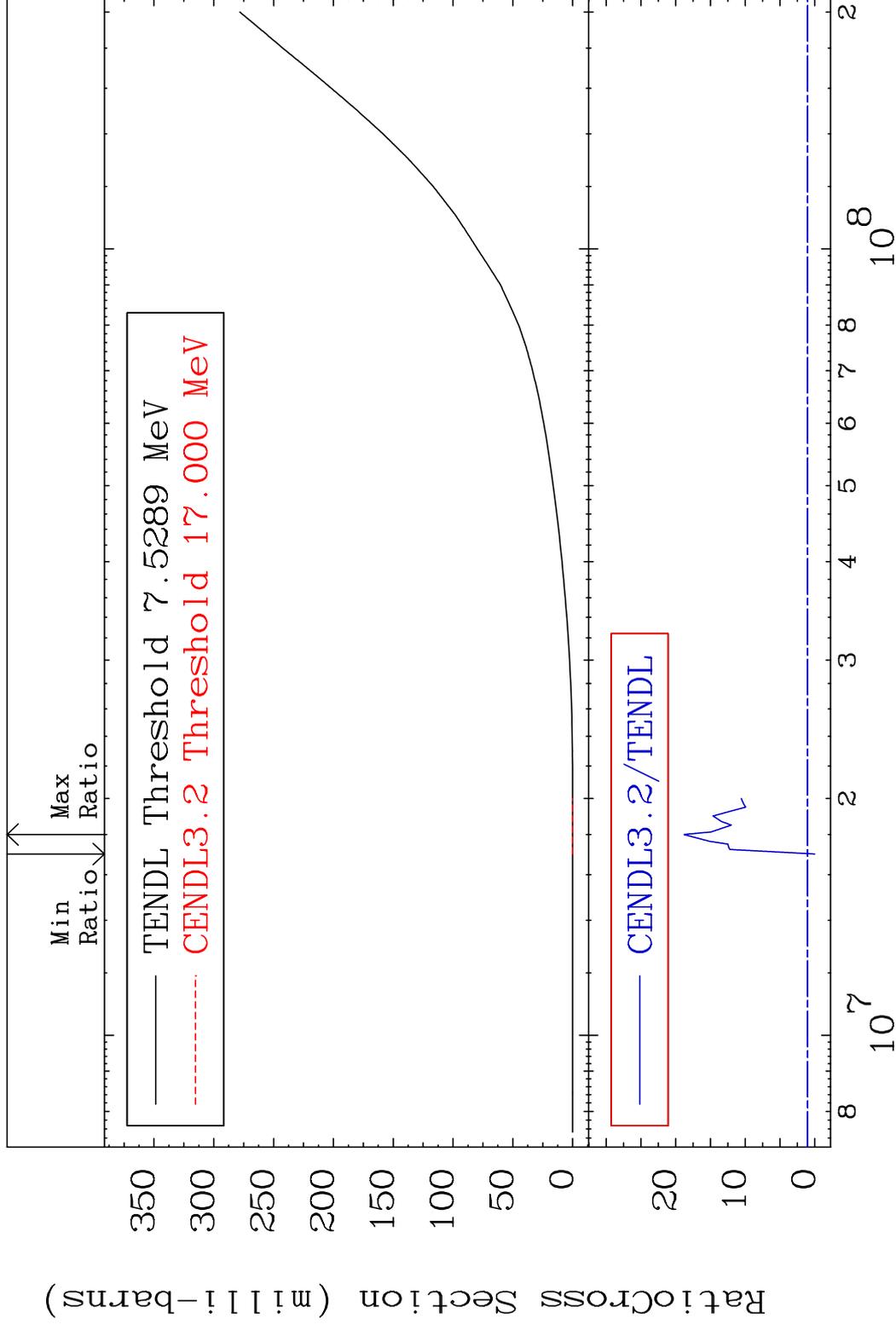
Incident Energy (eV) 42-Mo-95

MAT 4234

He-3 Production

42-Mo-95

Cross Section -100.0 To 1778. %



22

Incident Energy (eV)

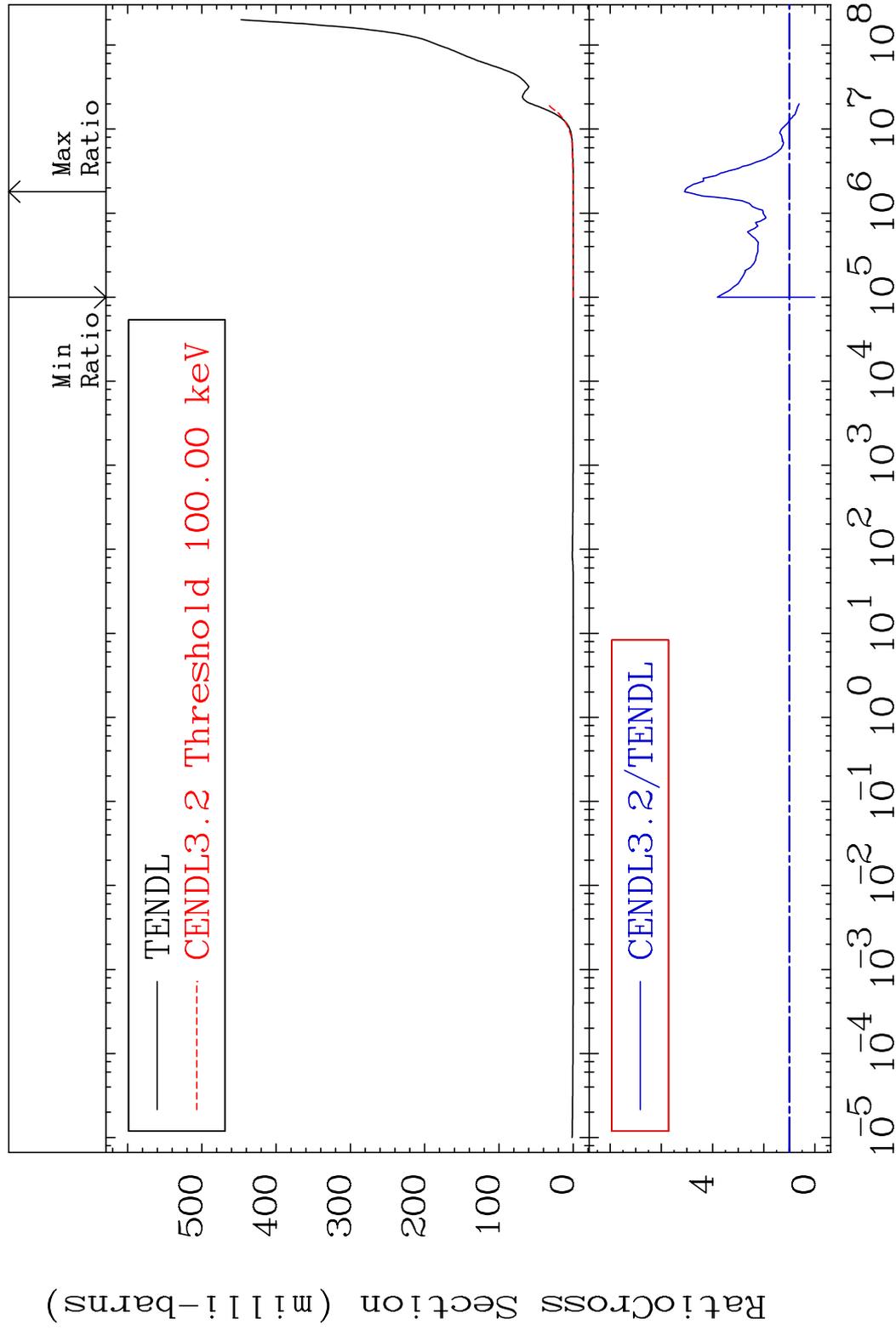
42-Mo-95

MAT 4234

He-4 Production

42-Mo-95

Cross Section -100.0 To 409.4 %

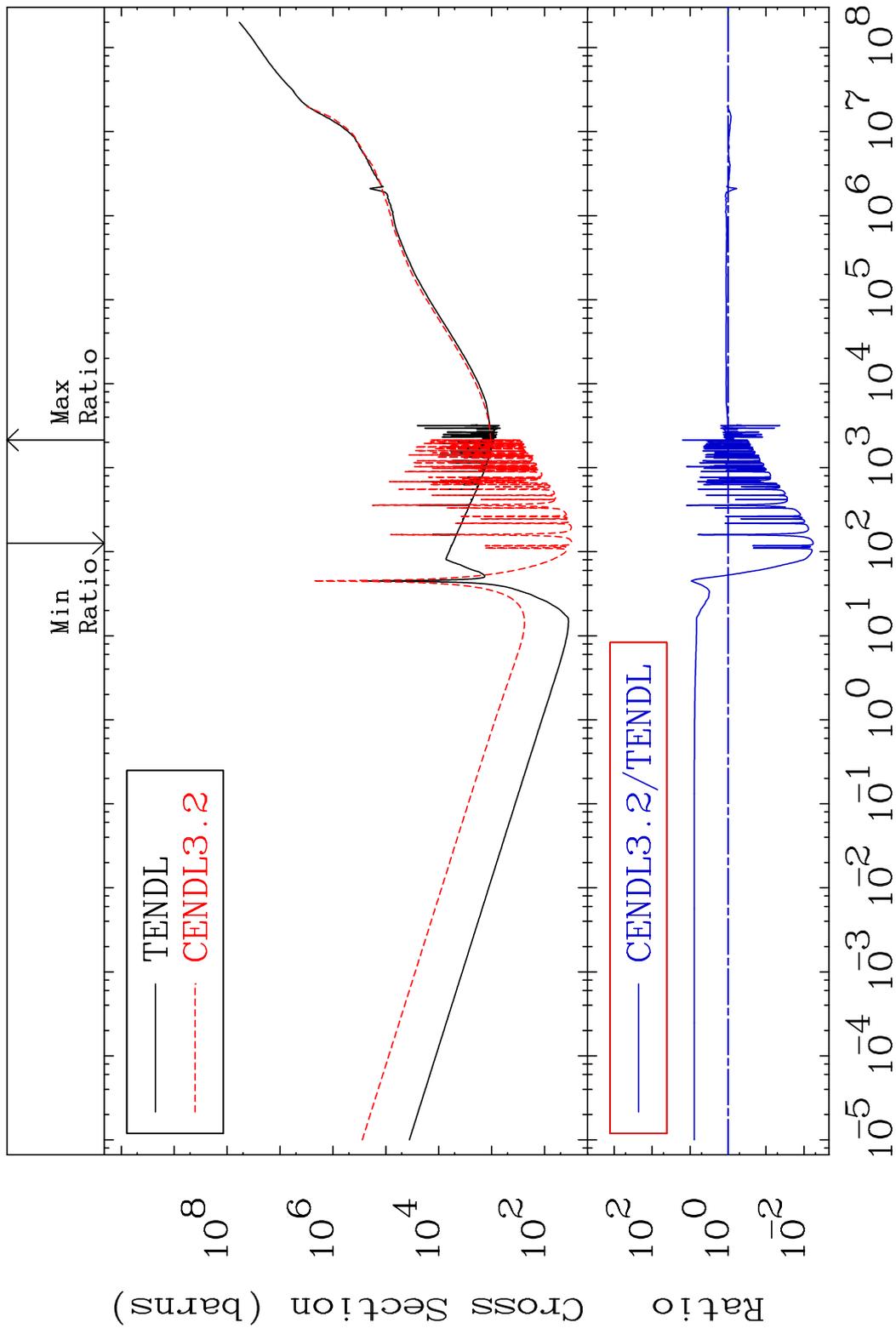


23

Incident Energy (eV)

42-Mo-95

MAT 4234 Kerma total (eV-barns) 42-Mo-95
 Cross Section -99.43 To 1453. %

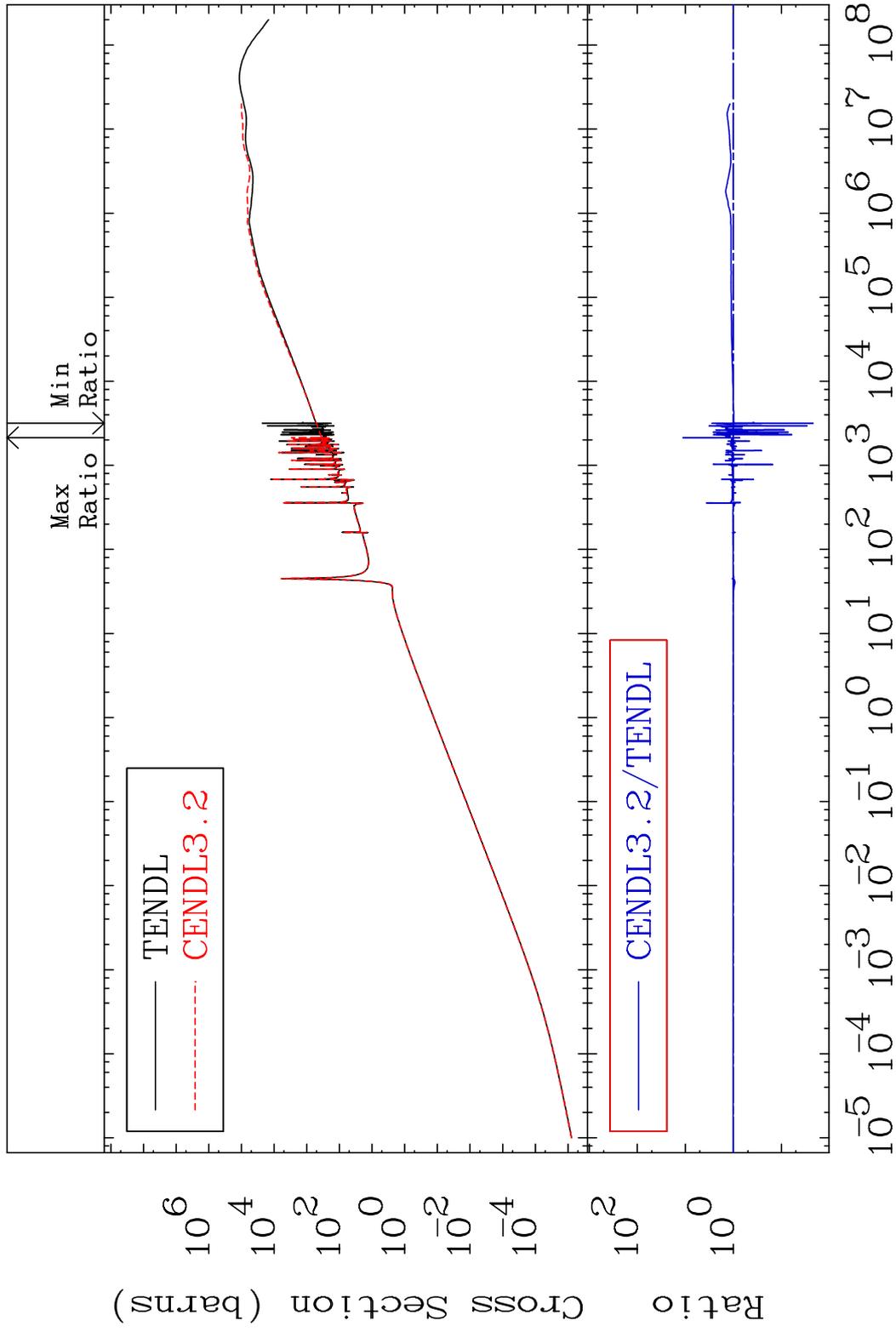


MAT 4234

Kerma elastic
Cross Section

42-Mo-95

-97.81 To 1027. %

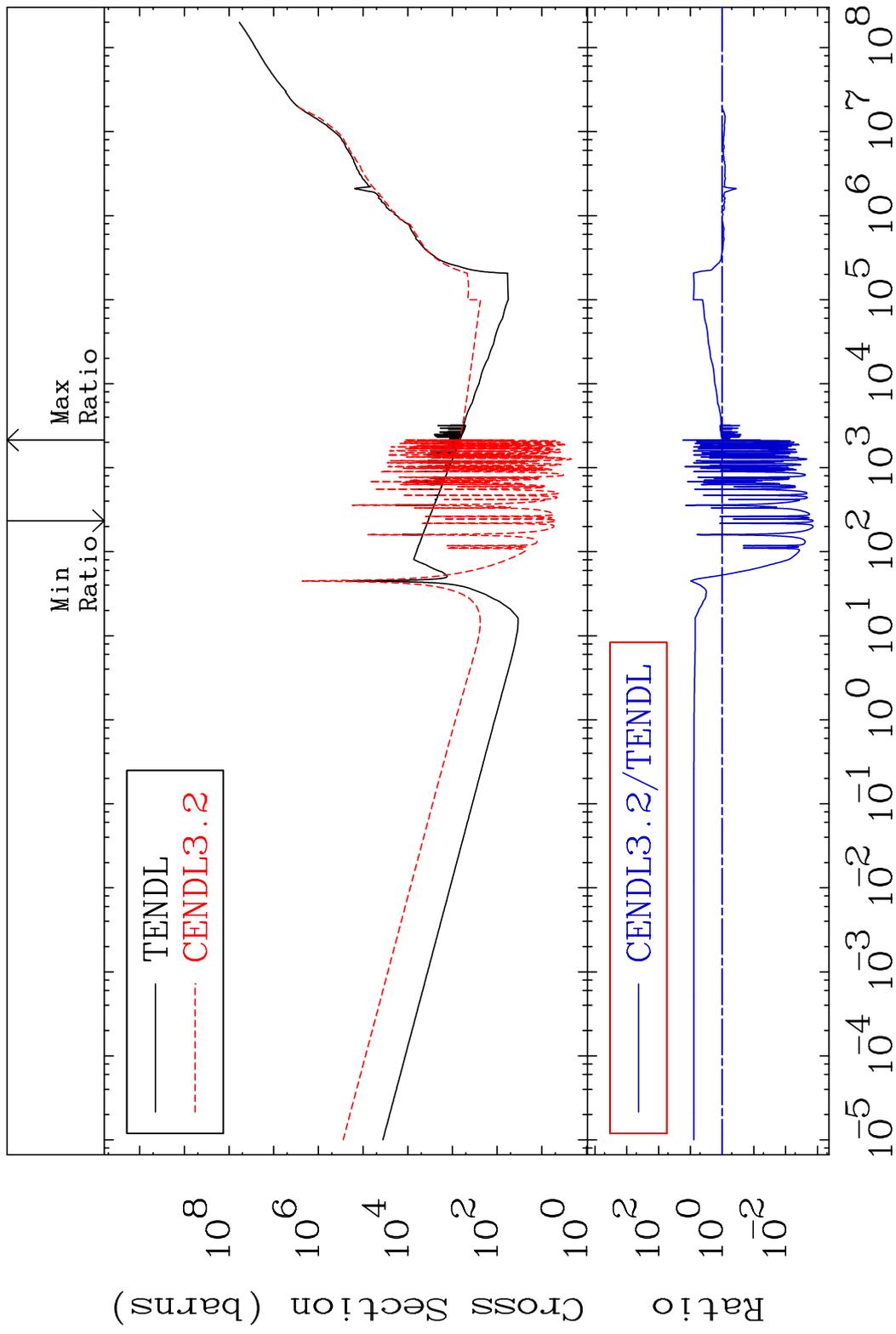


25

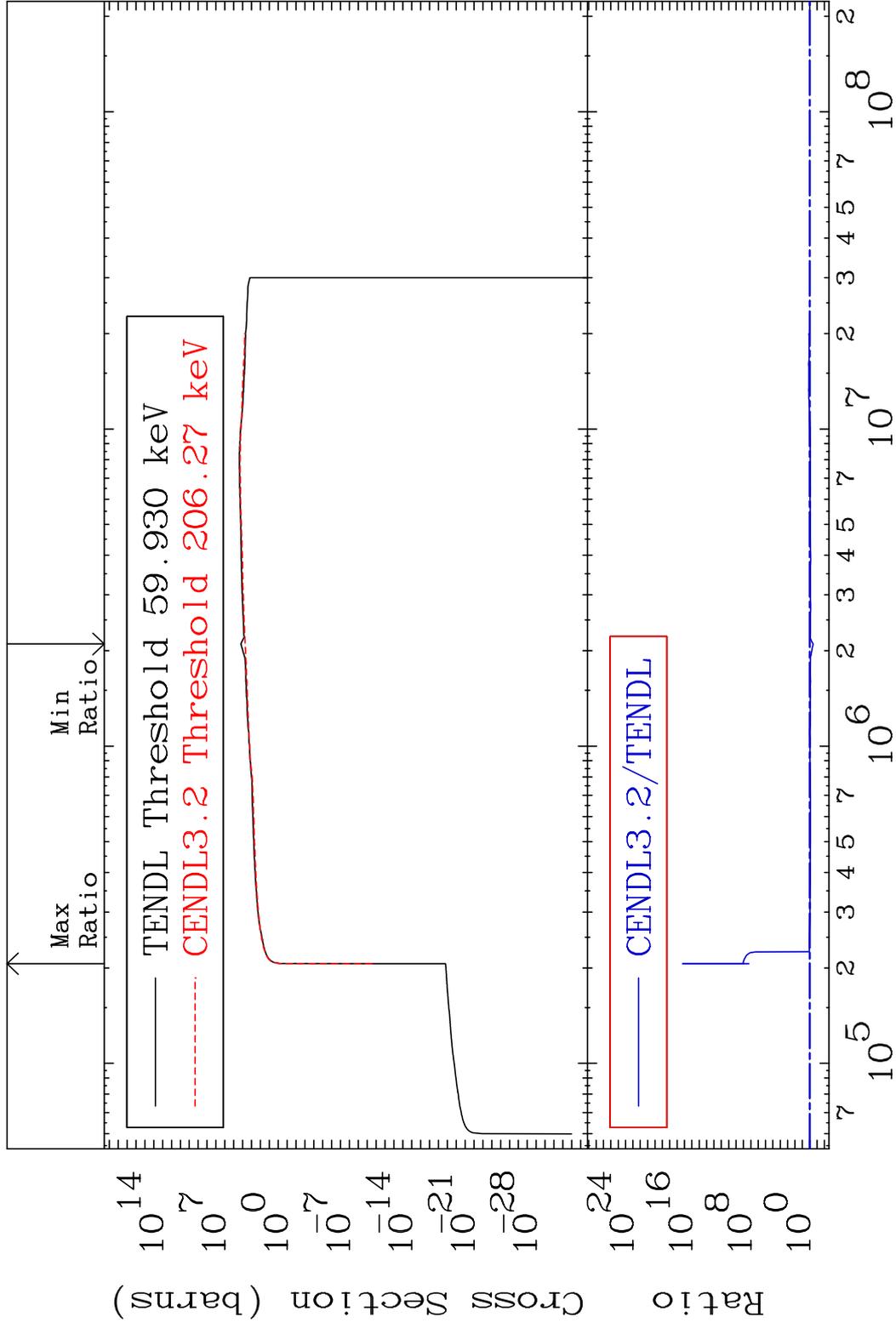
Incident Energy (eV)

42-Mo-95

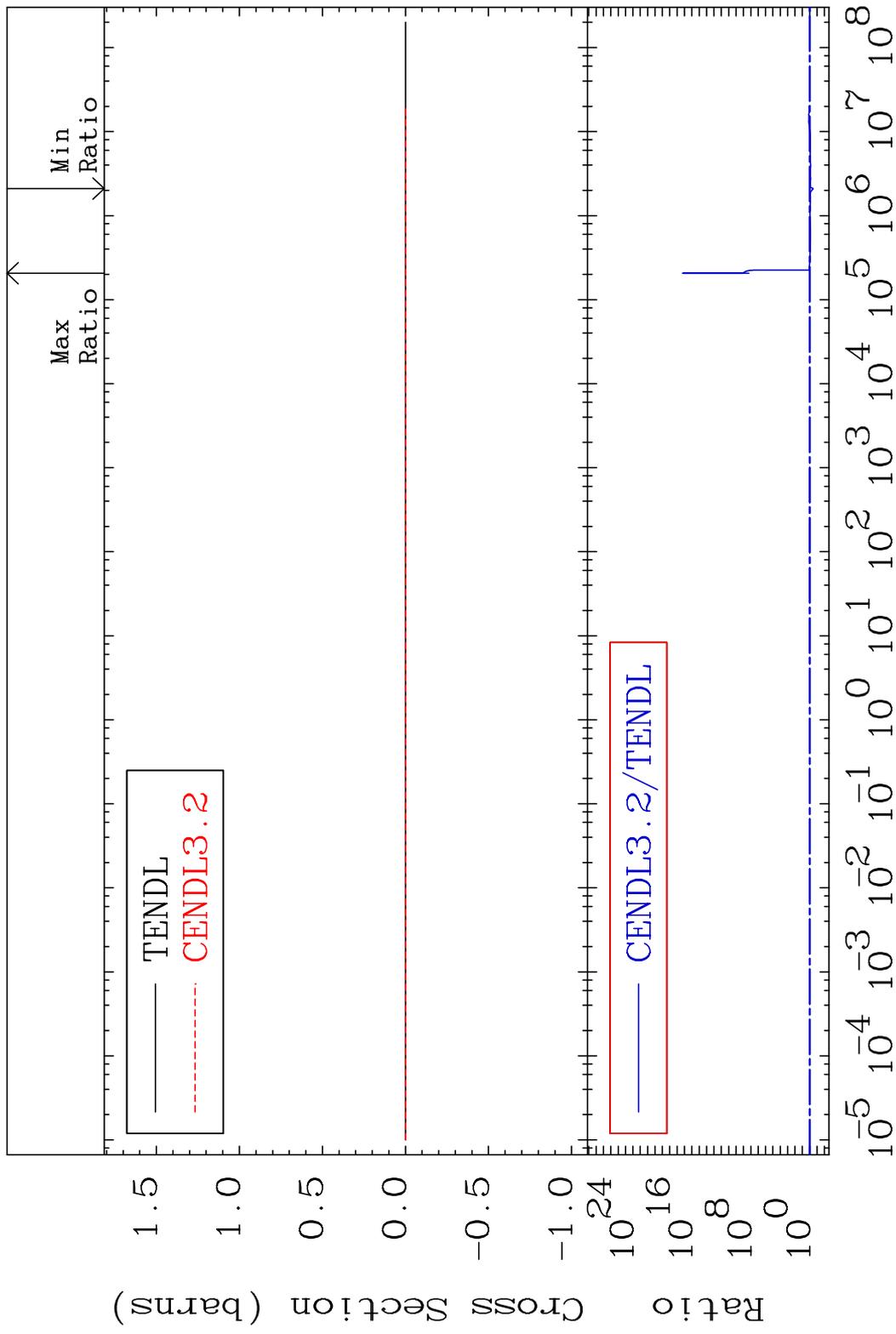
MAT 4234 Kerma non-elastic (all but mt2) 42-Mo-95
 Cross Section -99.86 To 1623. %



MAT 4234 Kerma inelastic (mt51-91) 42-Mo-95
 Cross Section -65.86 To 9999. %



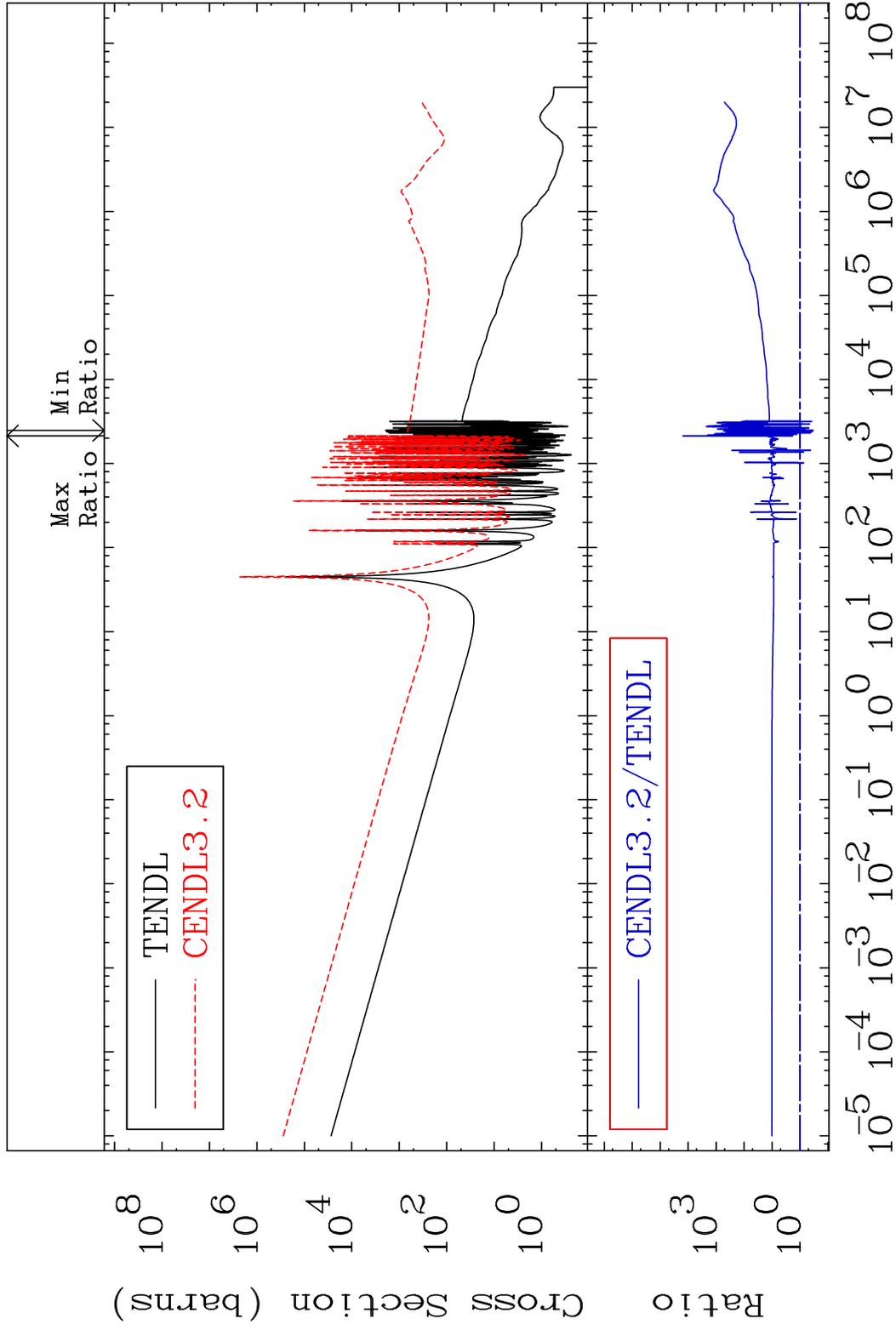
MAT 4234 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-95
 Cross Section -65.86 To 9999. %



MAT 4234

Kerma capture (mt102) 42-Mo-95

Cross Section -66.14 To 9999. %



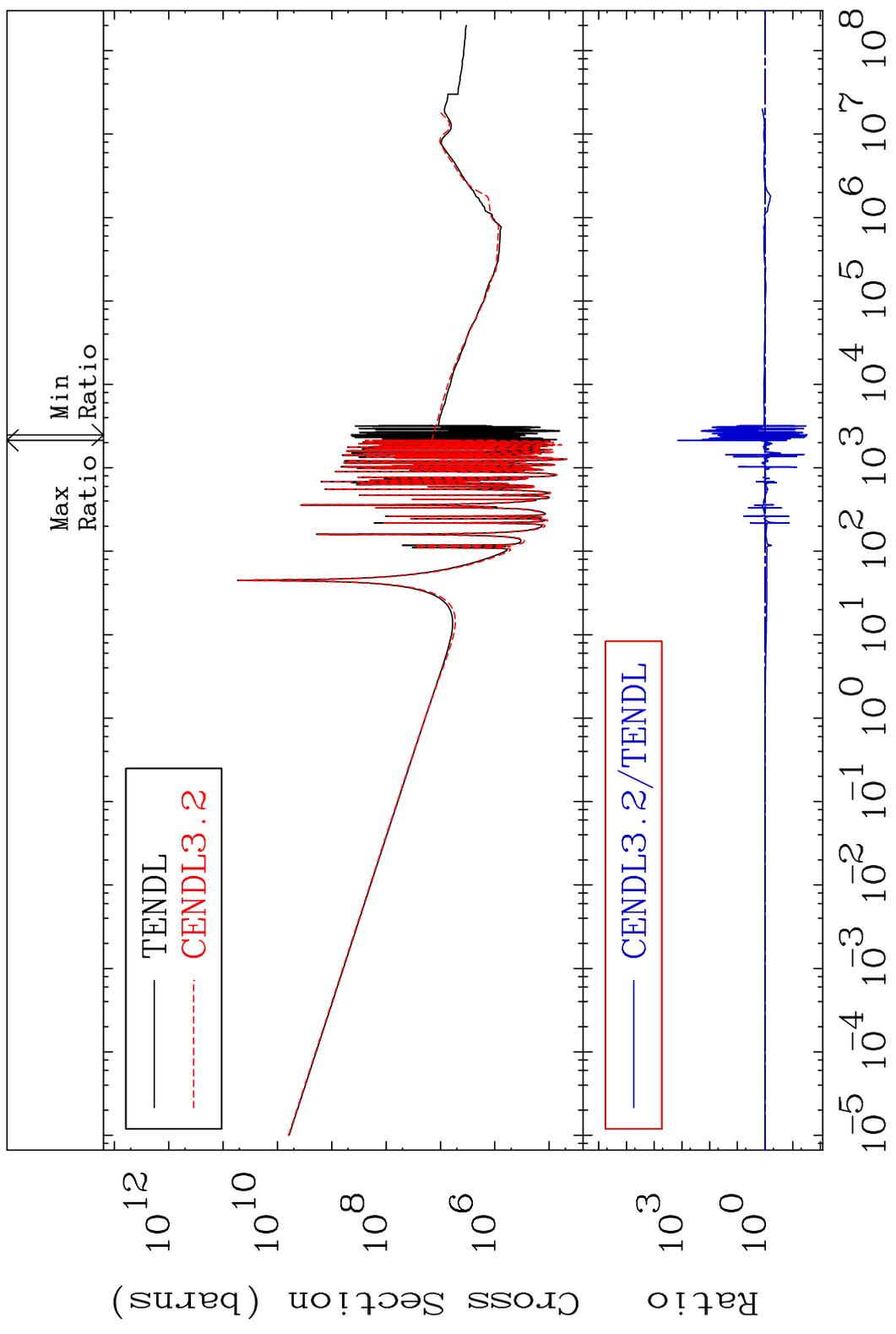
29

Incident Energy (eV)

42-Mo-95

MAT 4234

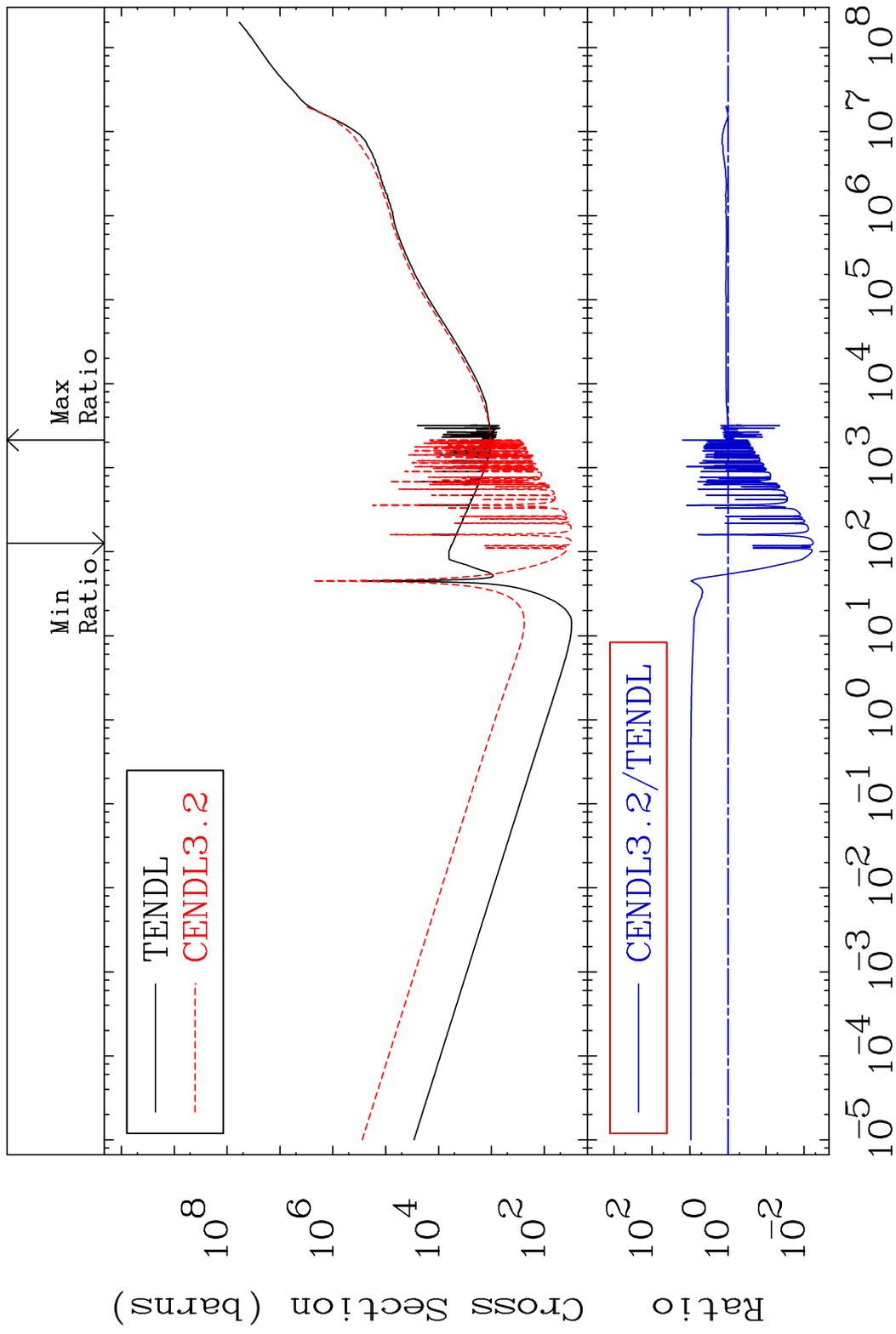
Total photon (eV-barns) 42-Mo-95
Cross Section -96.93 To 9999. %



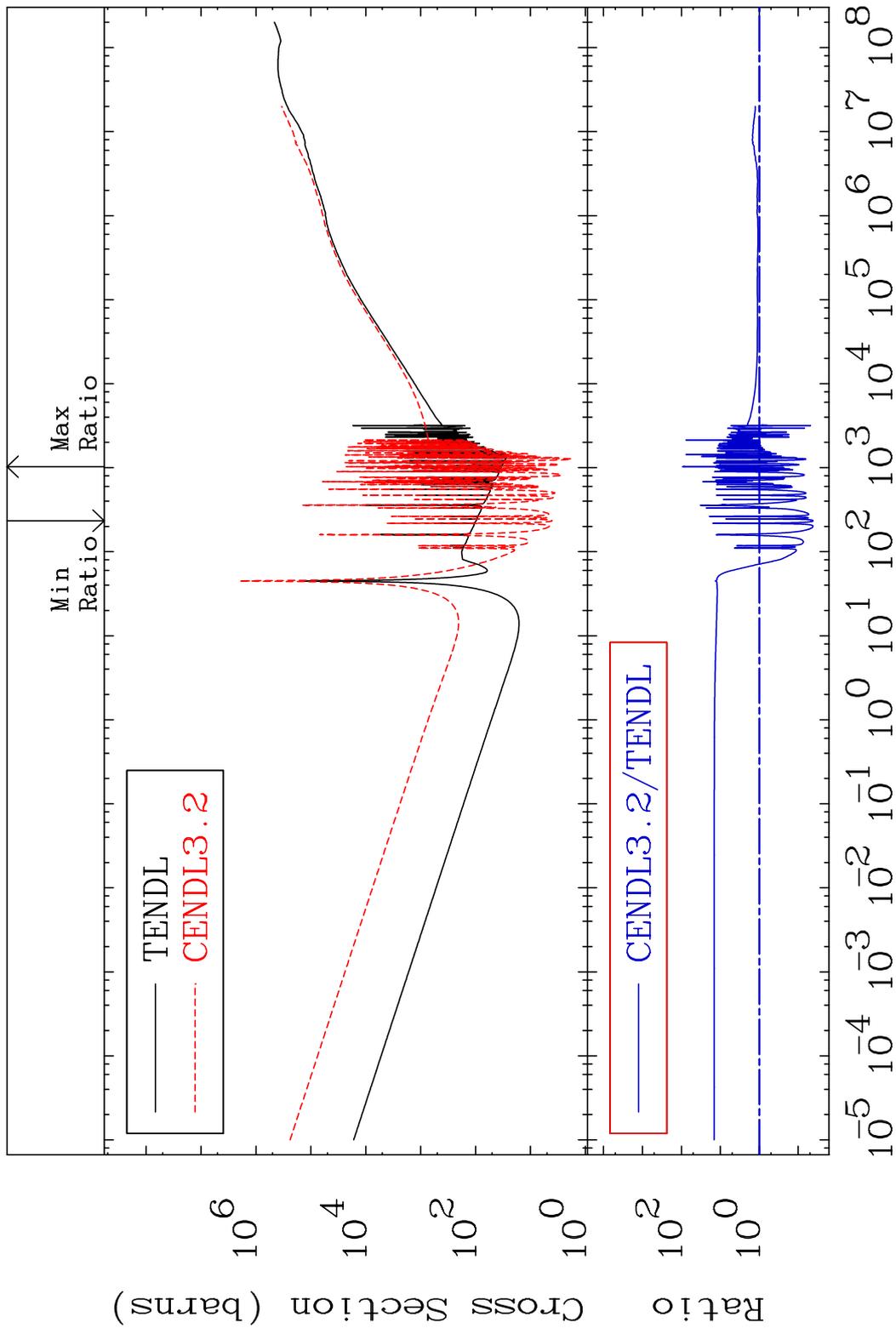
30

Incident Energy (eV) 42-Mo-95

MAT 4234 Total kinematic kerma (high limit) 42-Mo-95
 Cross Section -99.43 To 1442. %



MAT 4234 Dpa total (eV-barns) 42-Mo-95
 Cross Section -95.86 To 9100. %

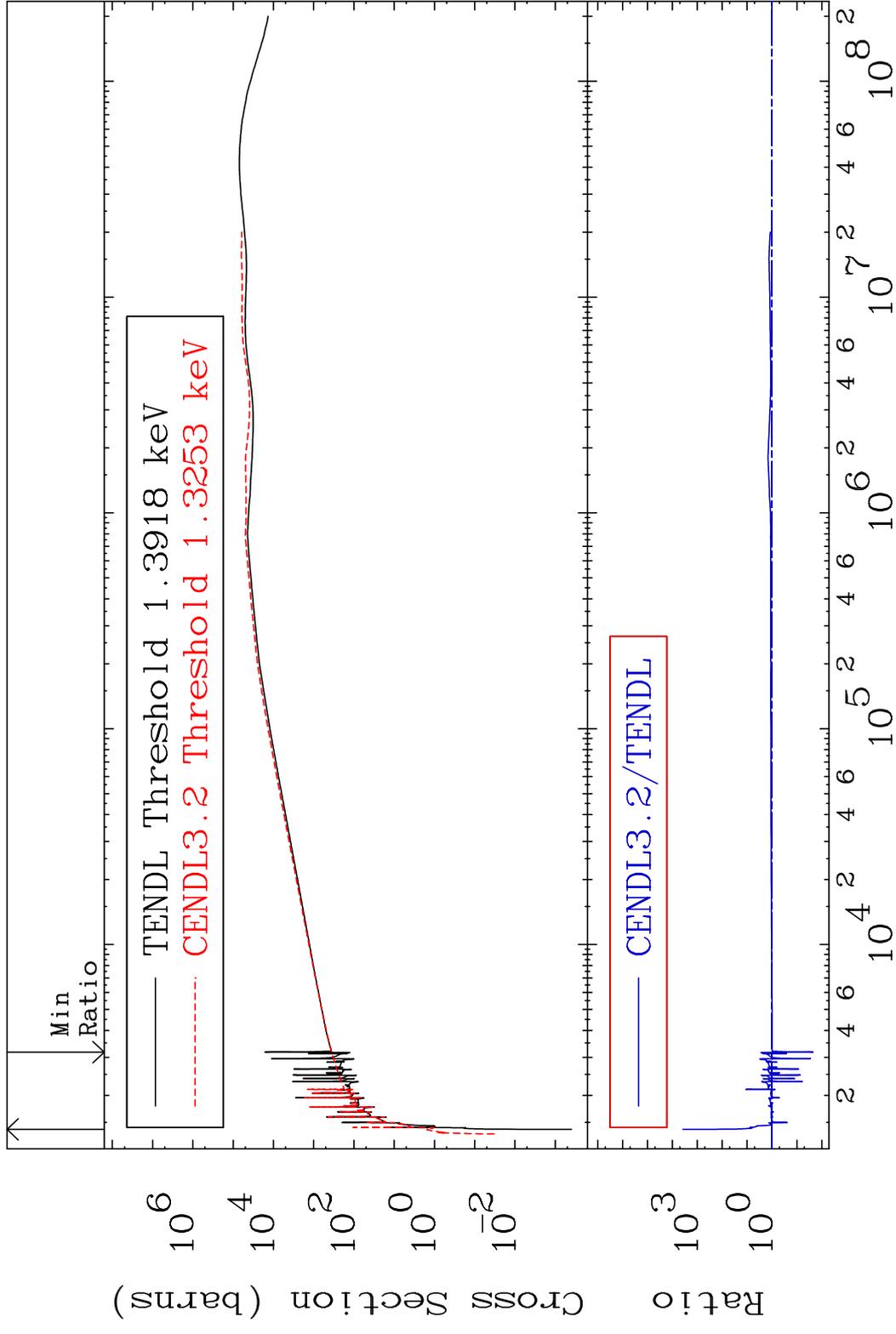


MAT 4234

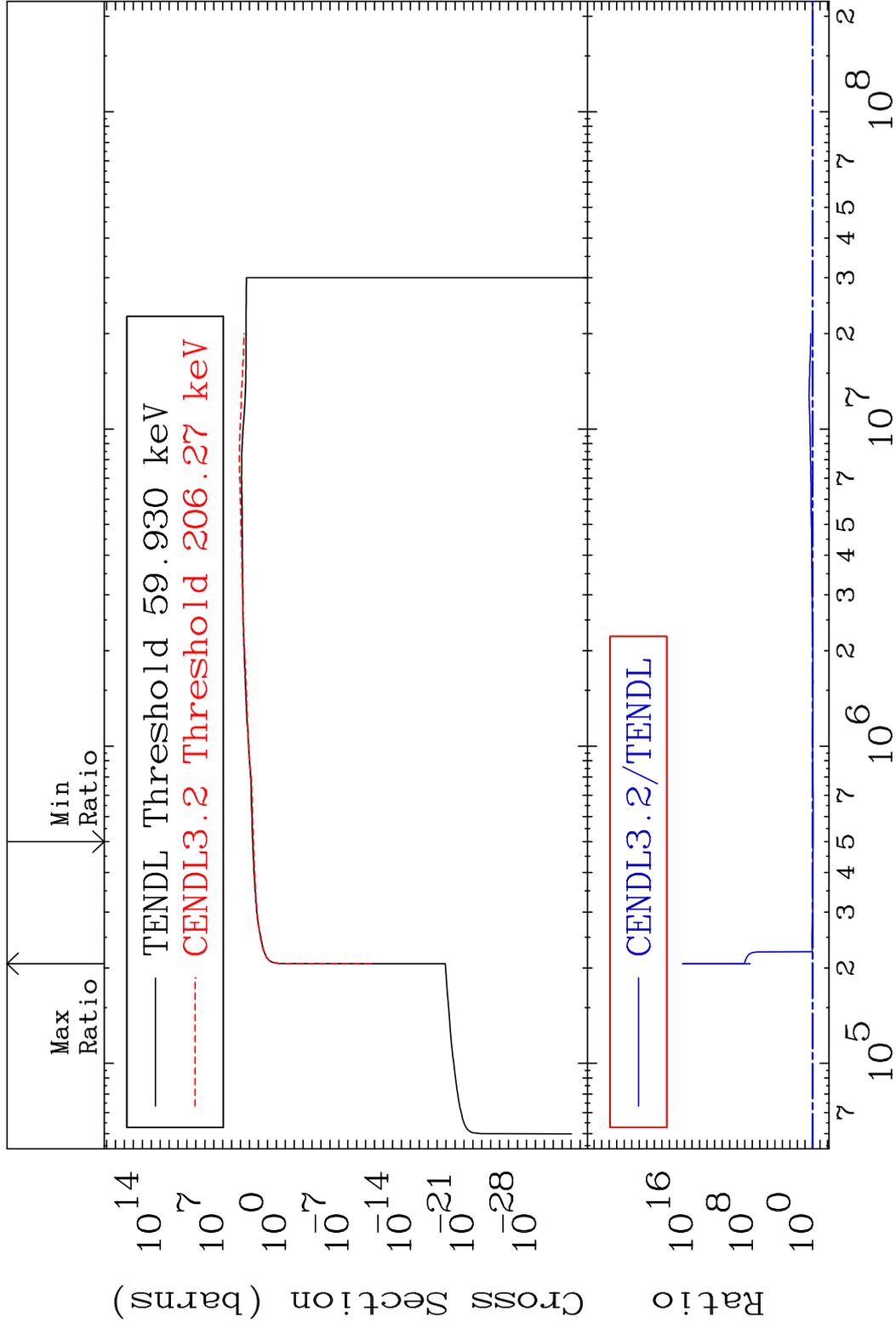
Dpa elastic (mt2)

42-Mo-95

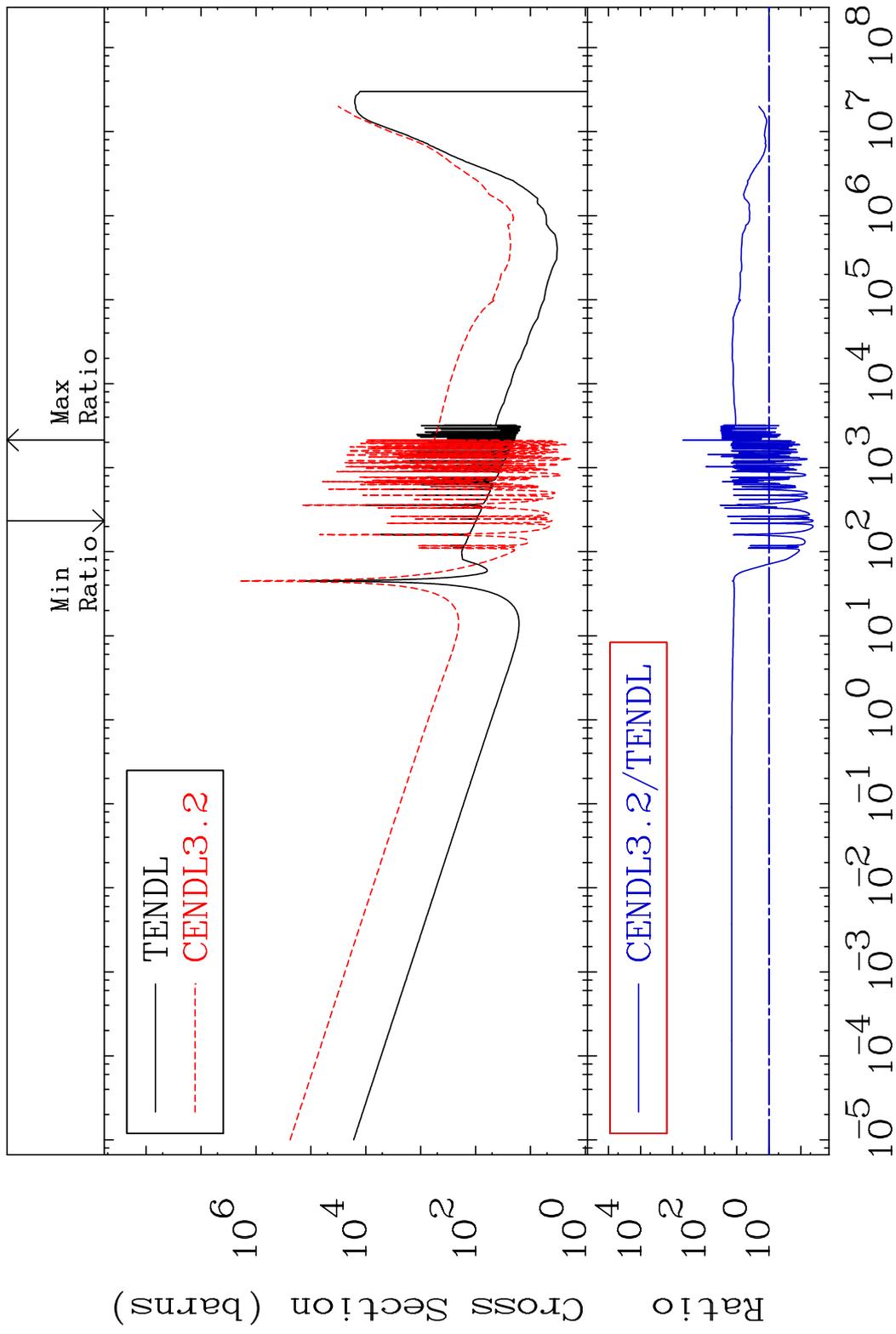
Cross Section -97.78 To 9999. %



MAT 4234 Dpa inelastic (mt51-91) 42-Mo-95
 Cross Section -19.46 To 9999. %



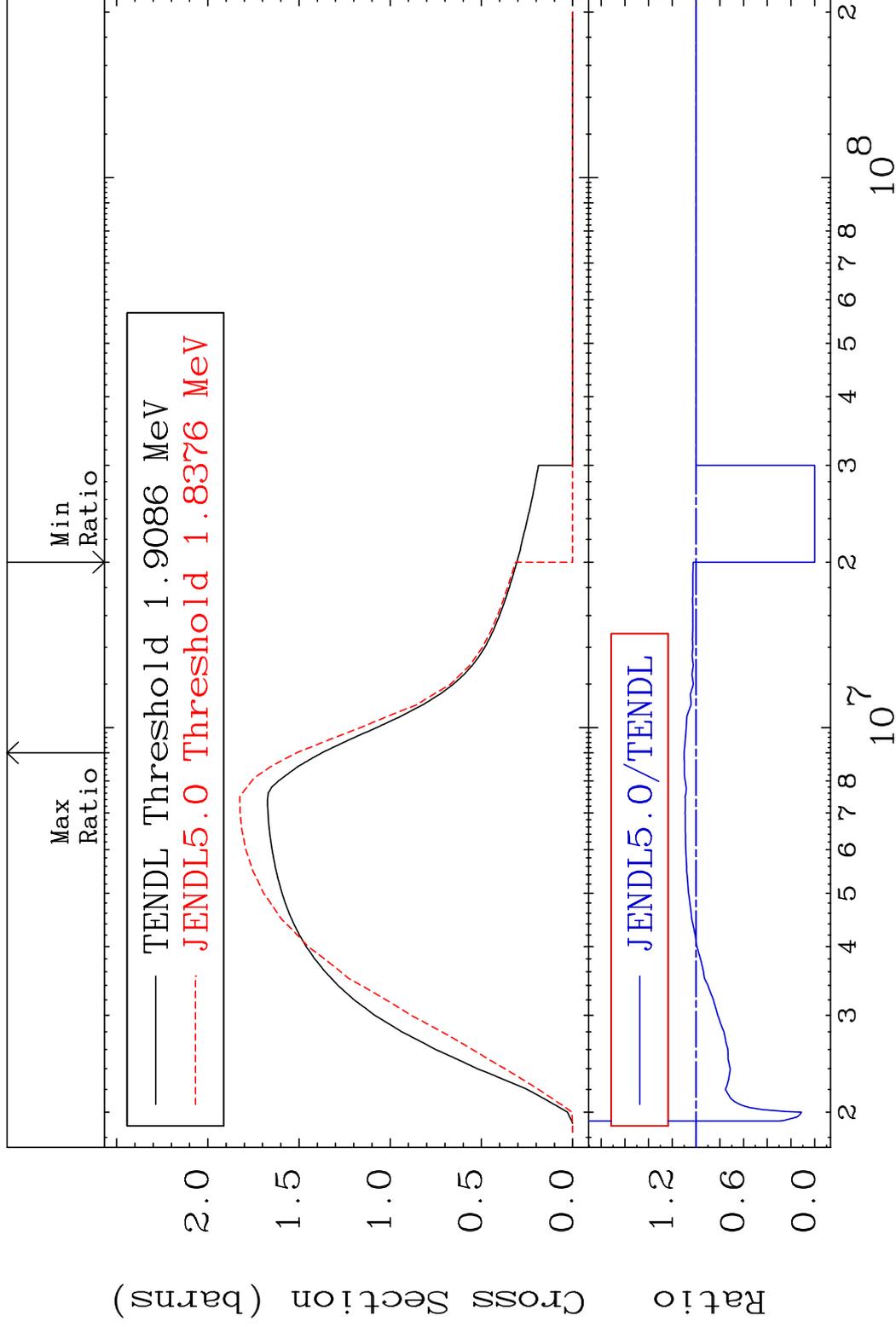
MAT 4234 Dpa disappearance (mt102 -120) 42-Mo-95
 Cross Section -95.86 To 9999. %



MAT 4234

(n, n') Continuum
Cross Section -100.0 To 10.05 %

42-Mo-95



36

Incident Energy (eV)

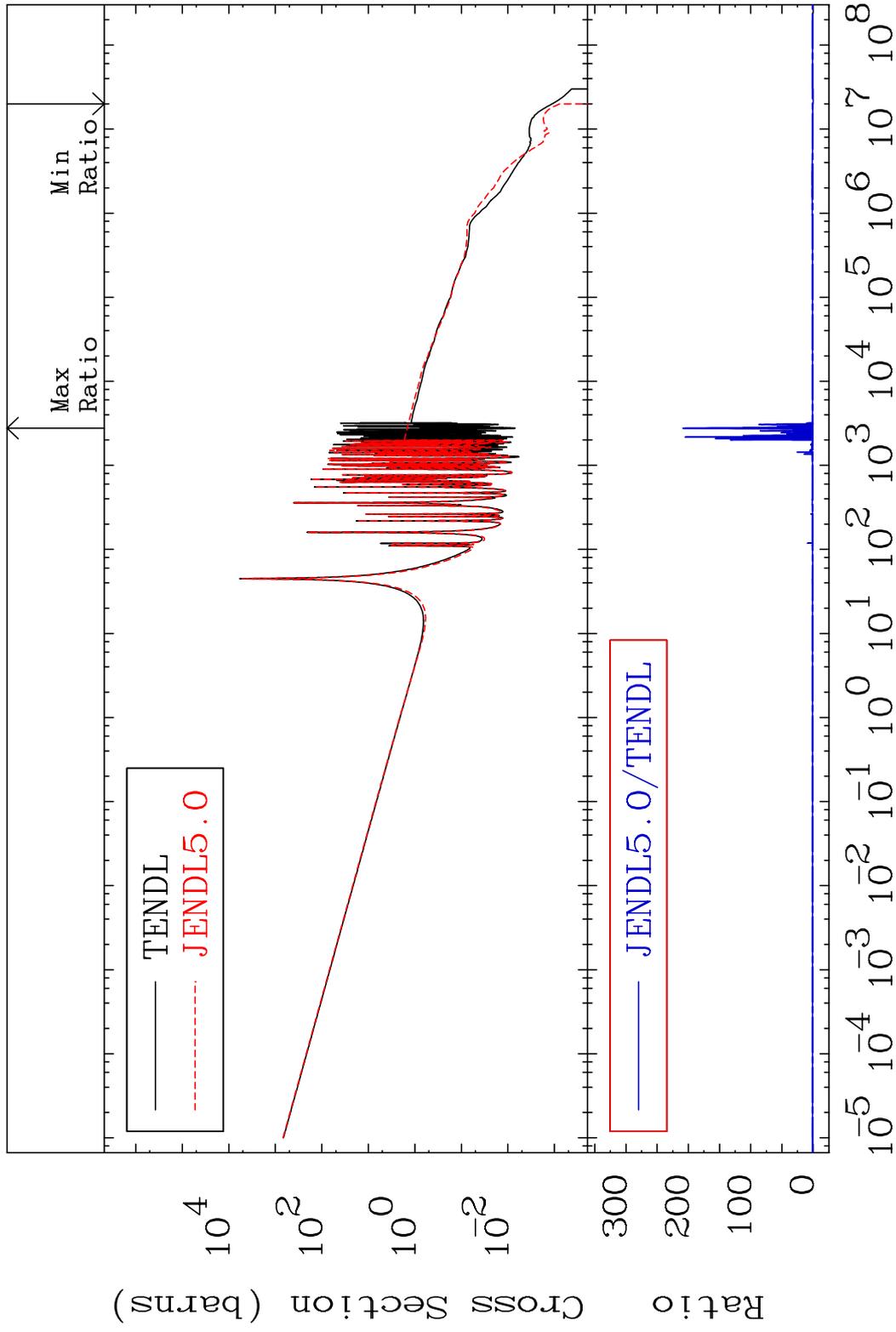
42-Mo-95

MAT 4234

(n, γ)

42-Mo-95

Cross Section -100.0 To 9999. %



37

Incident Energy (eV)

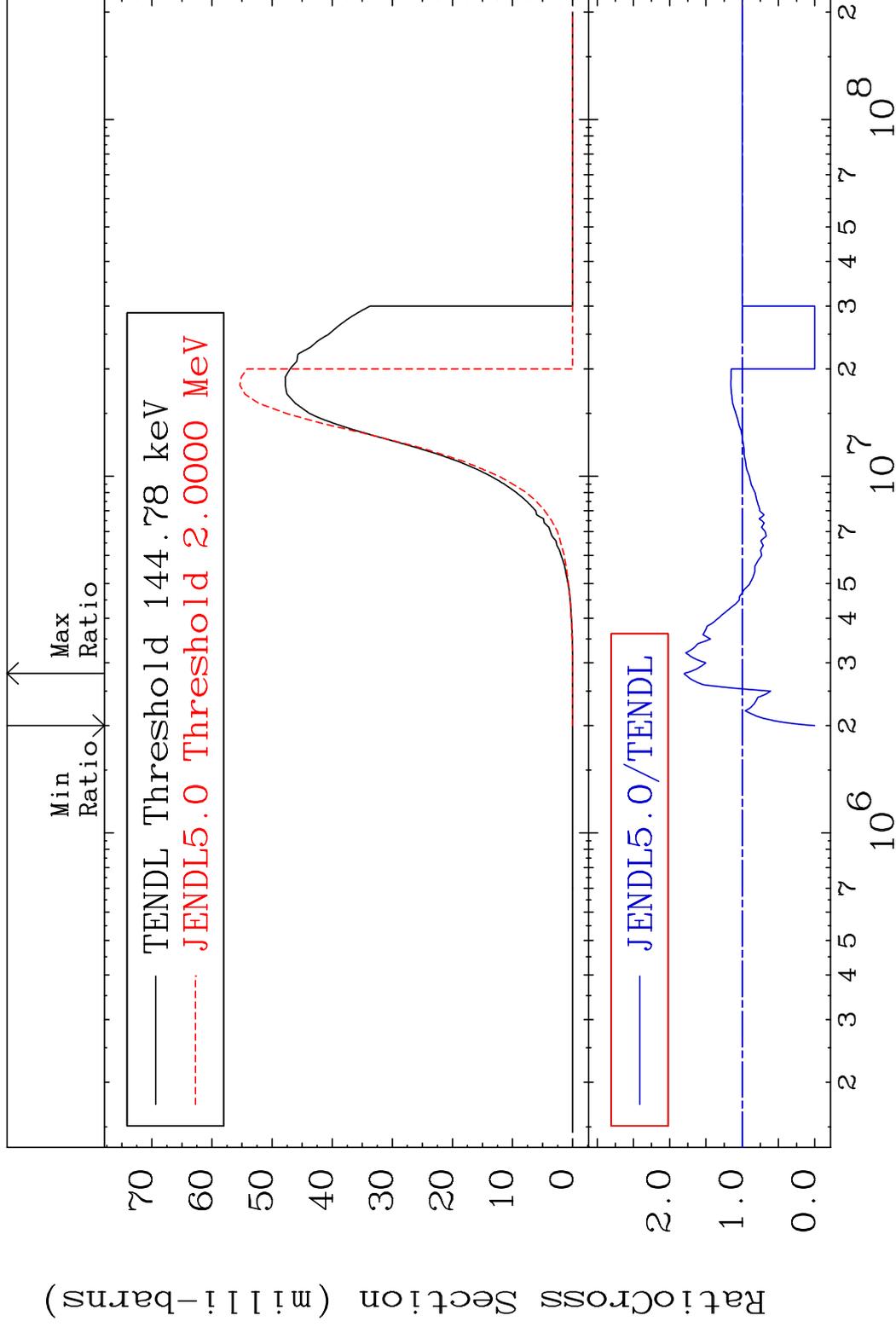
42-Mo-95

MAT 4234

(n, p)

42-Mo-95

Cross Section -100.0 To 80.09 %



38

Incident Energy (eV)

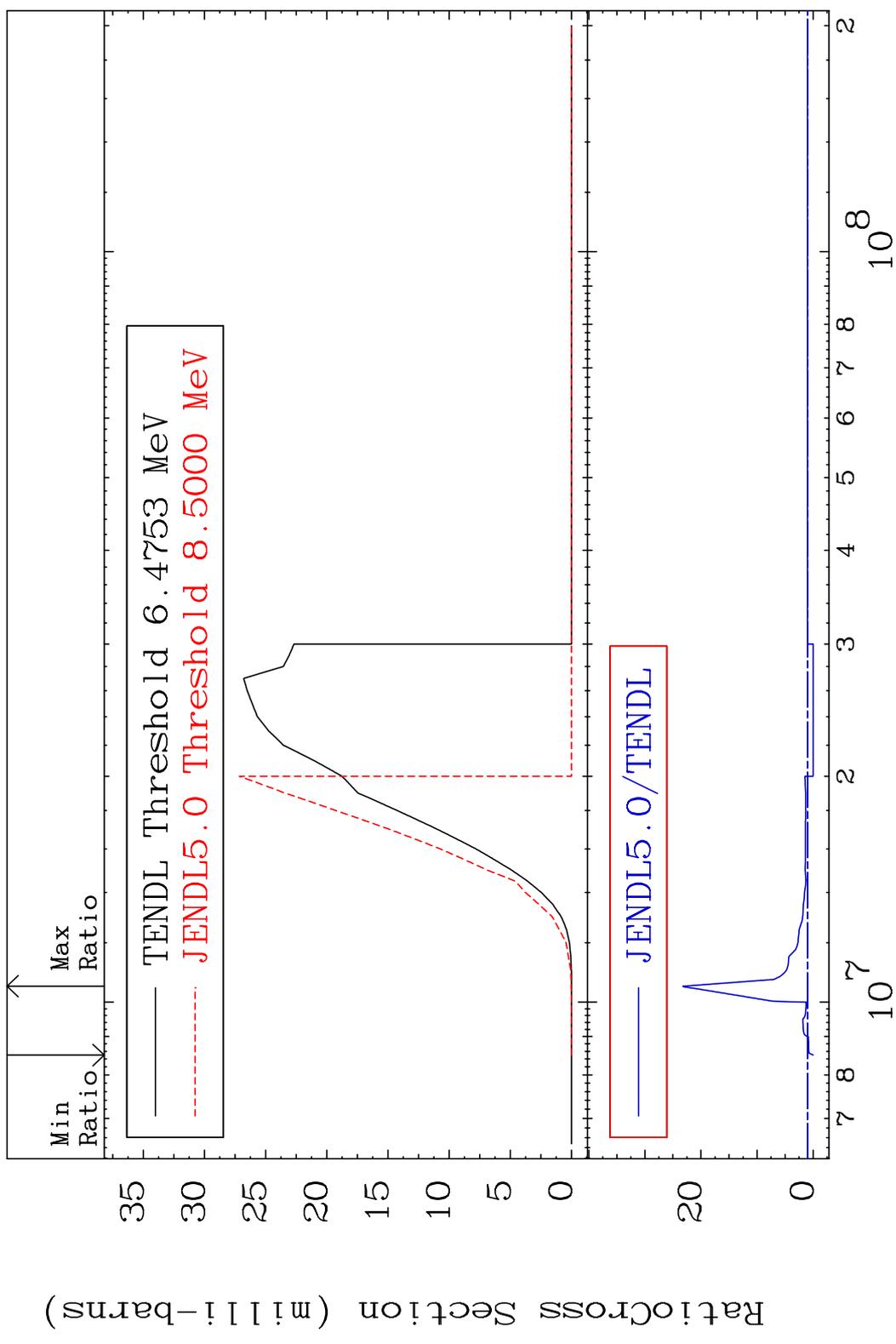
42-Mo-95

MAT 4234

(n,d)

42-Mo-95

Cross Section -100.0 To 2223. %



39

Incident Energy (eV)

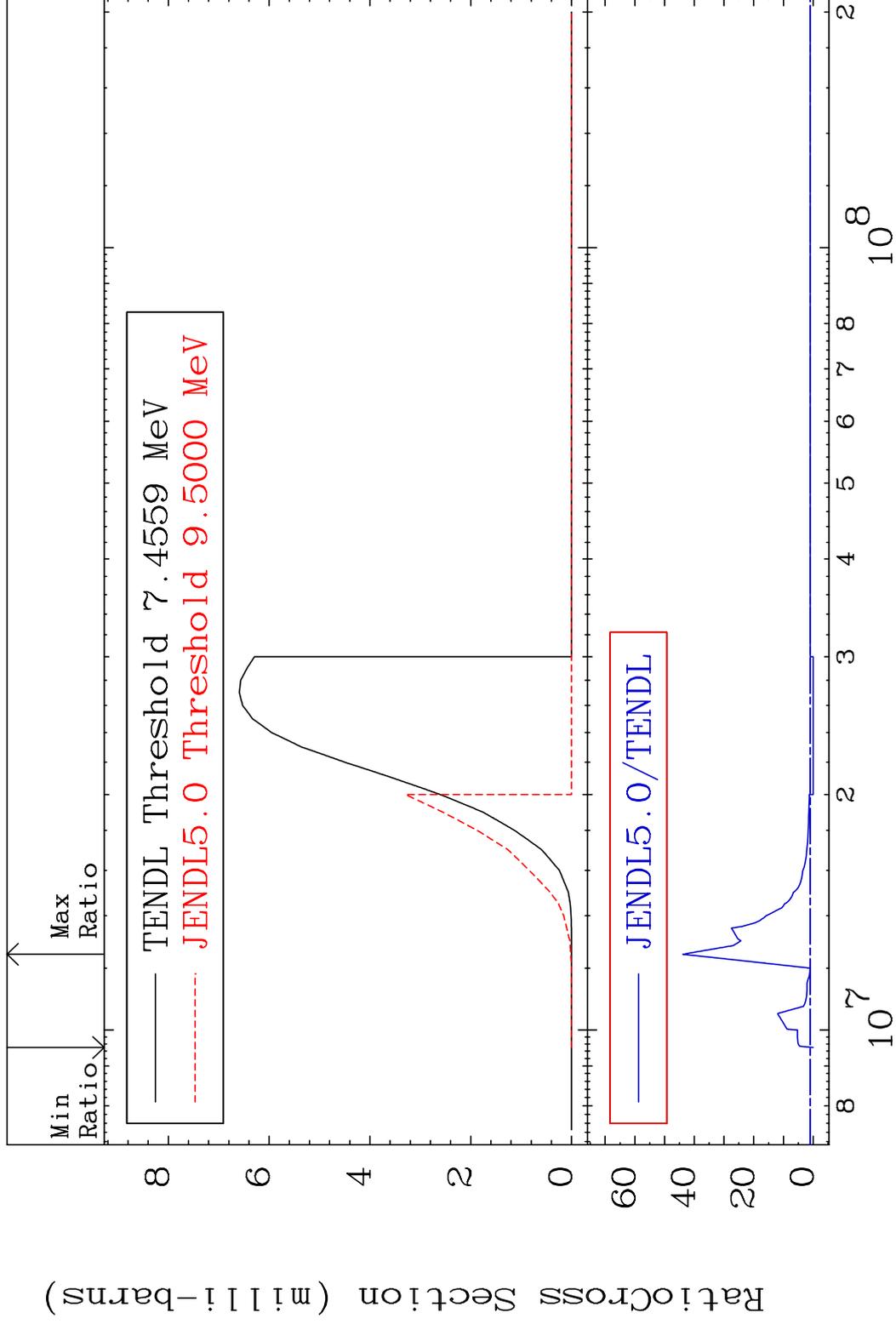
42-Mo-95

MAT 4234

(n, t)

42-Mo-95

Cross Section -100.0 To 4286. %



40

Incident Energy (eV)

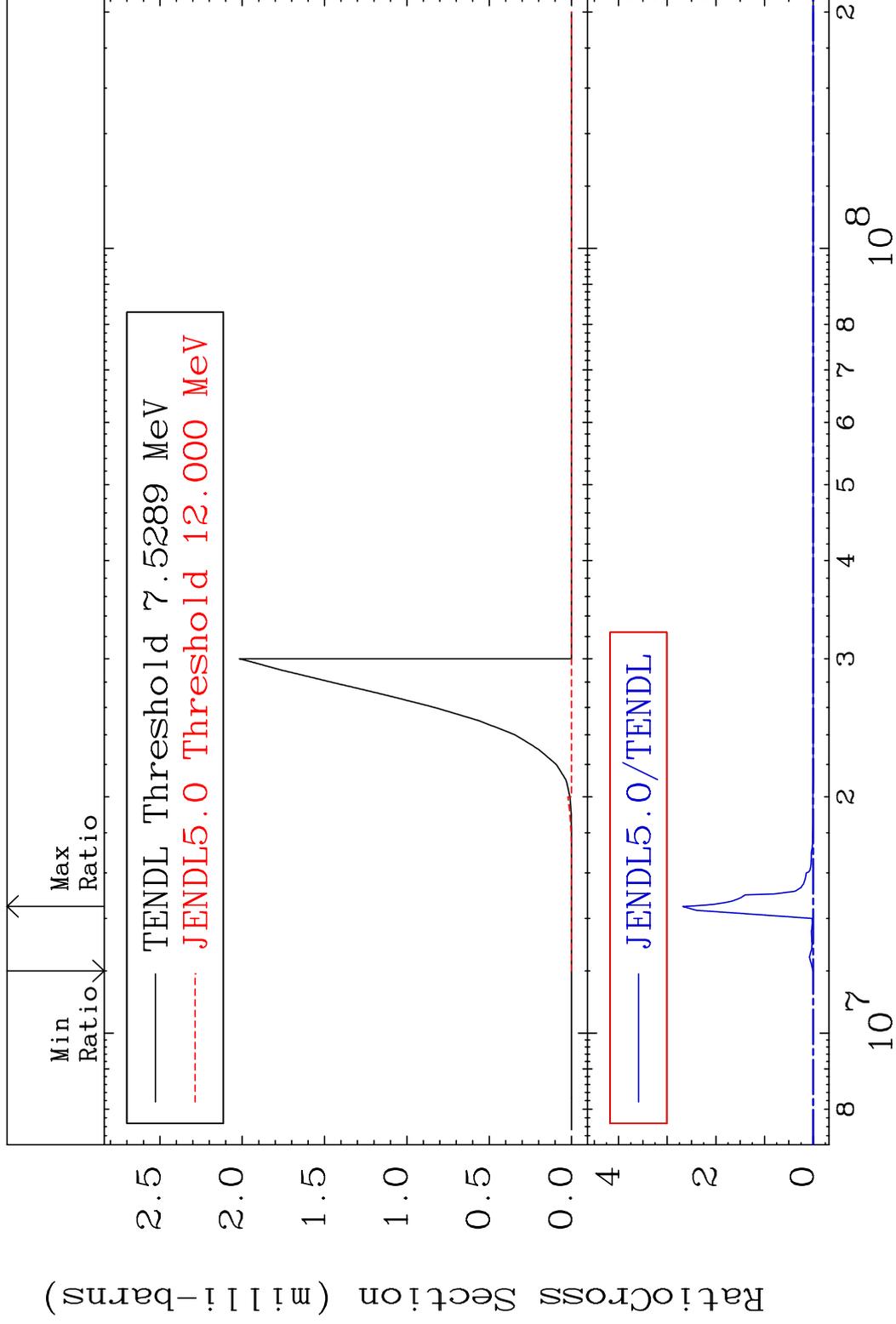
42-Mo-95

MAT 4234

(n, He-3)

42-Mo-95

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

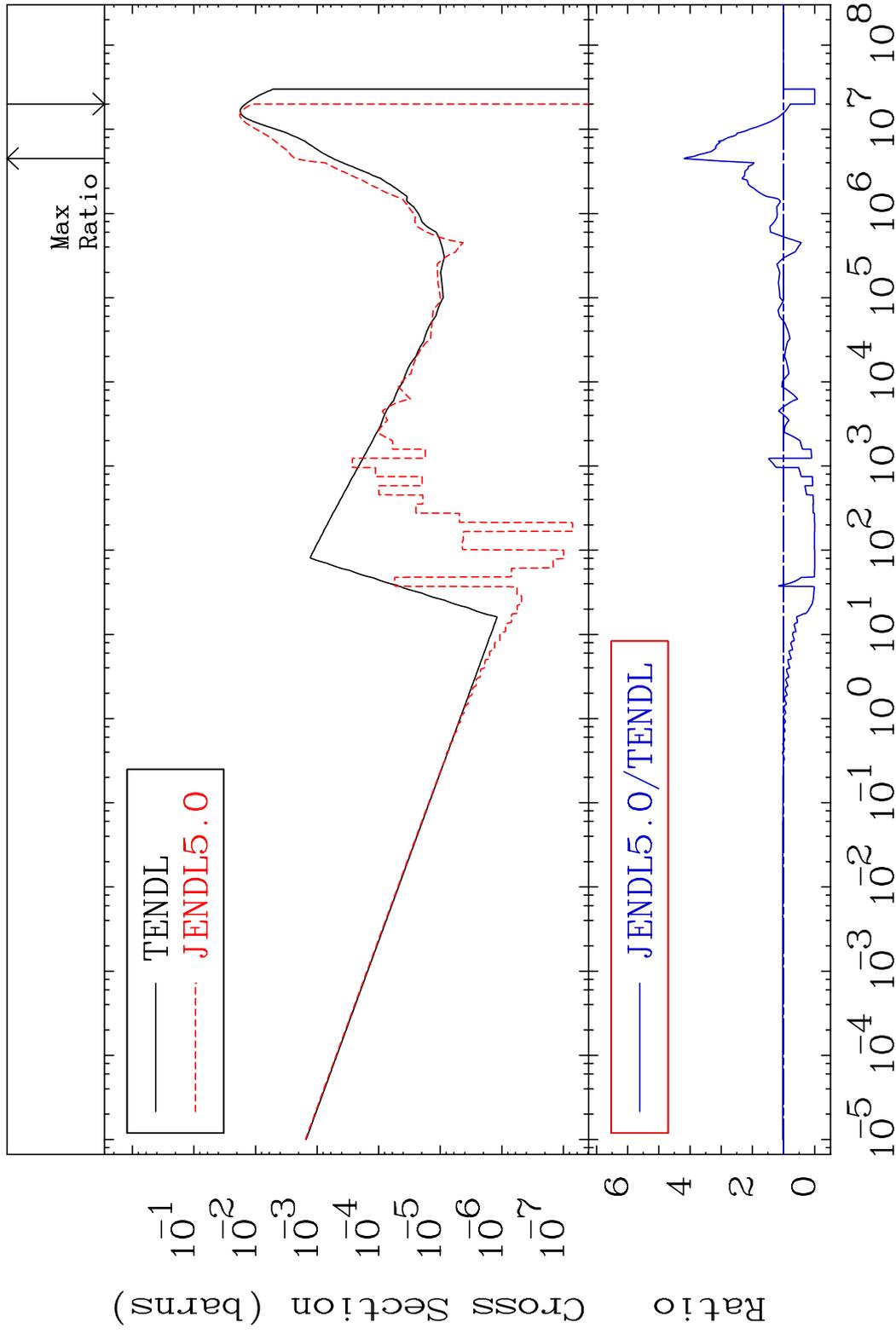
42-Mo-95

MAT 4234

(n, α)

42-Mo-95

Cross Section -100.0 To 318.9 %

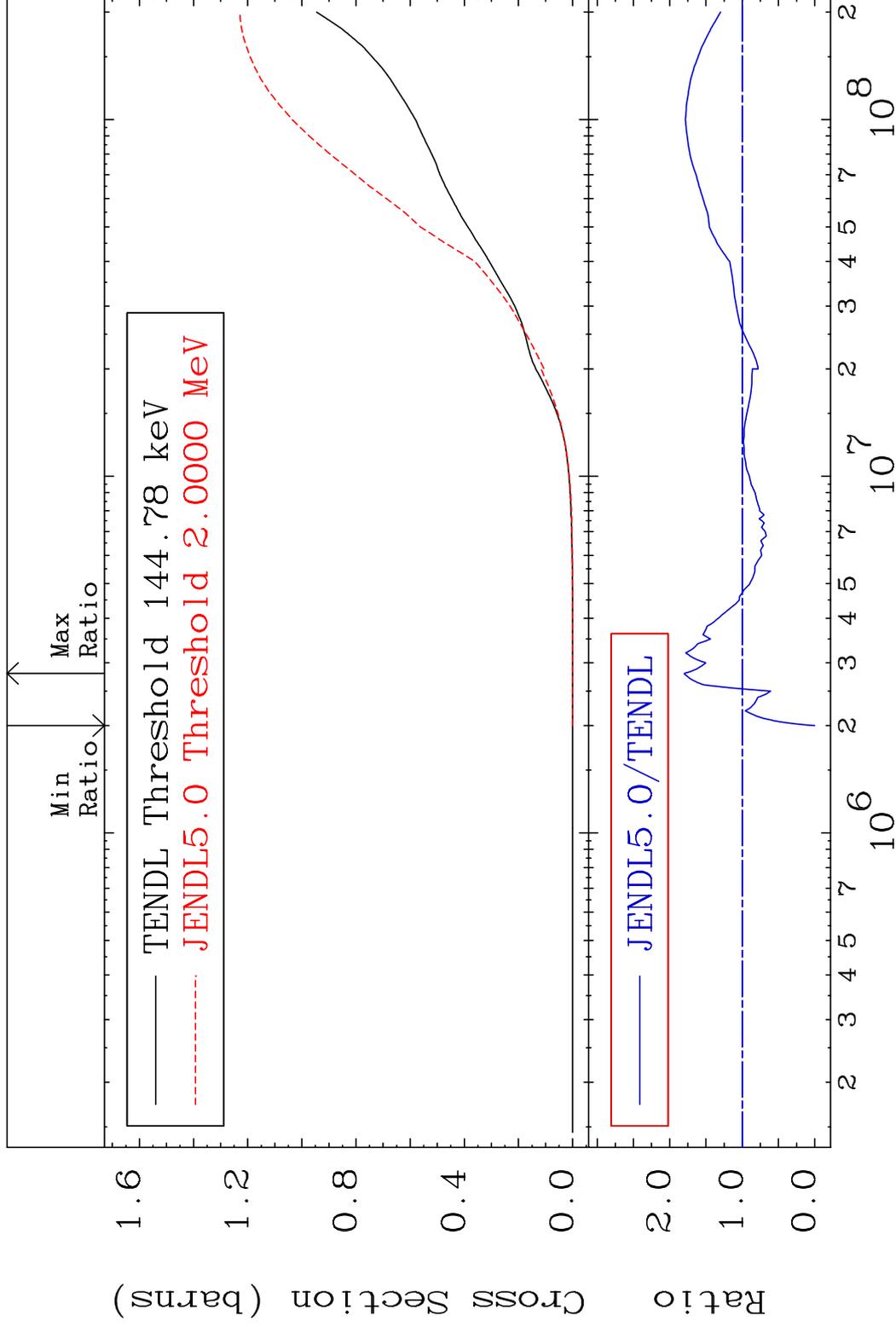


42

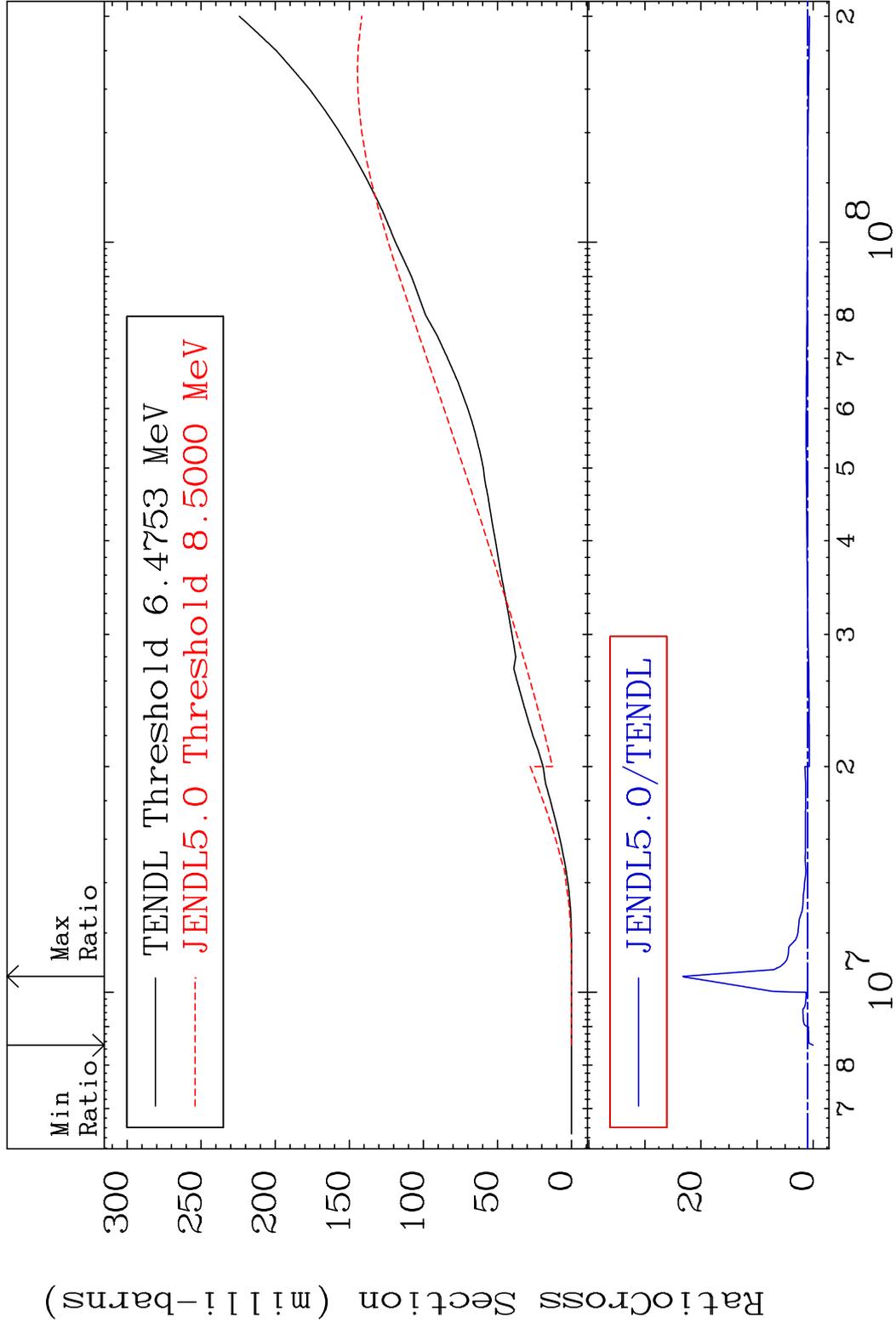
Incident Energy (eV)

42-Mo-95

Cross Section -100.0 To 80.09 %

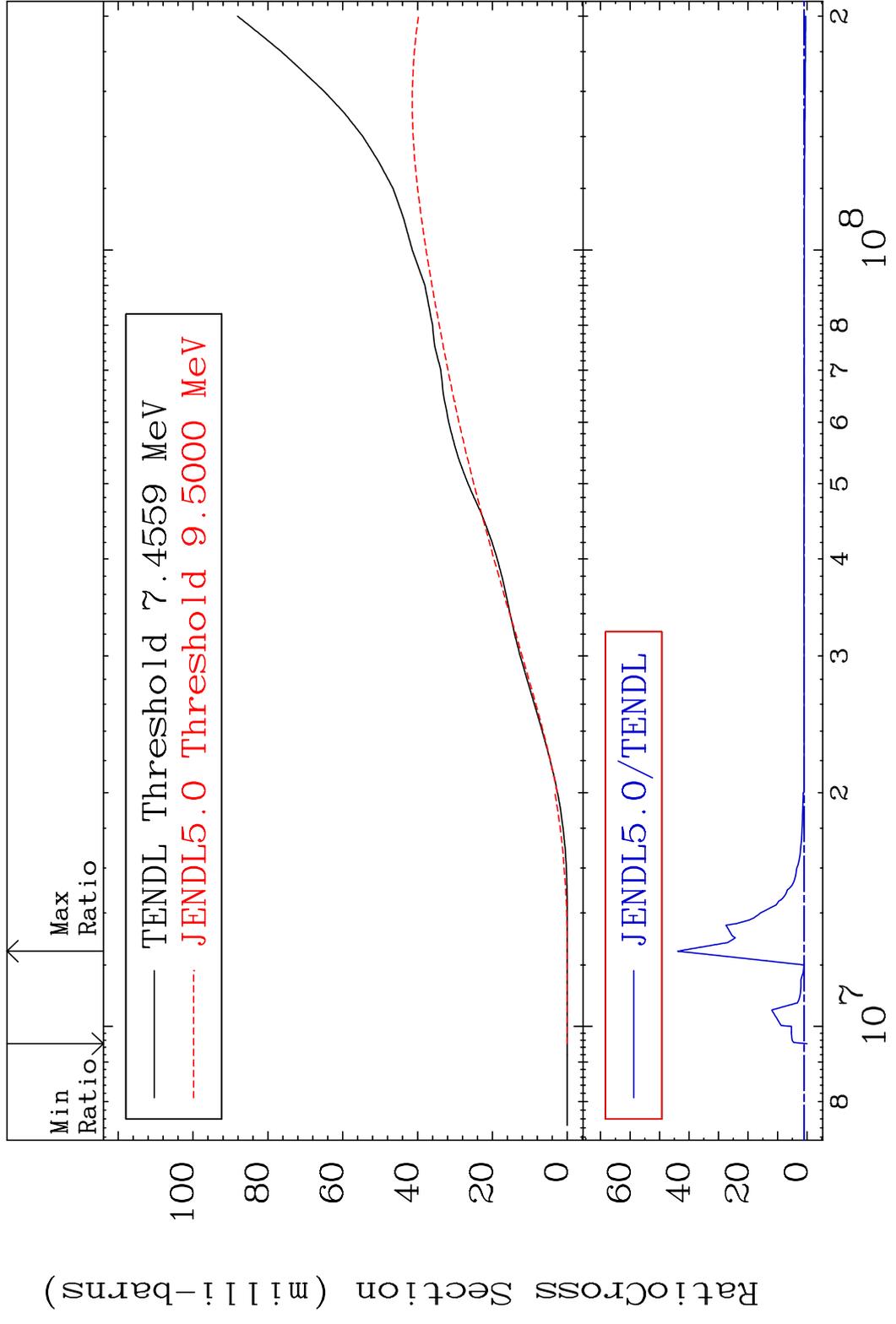


MAT 4234 Deuterium Production 42-Mo-95
 Cross Section -100.0 To 2223. %



44 42-Mo-95

MAT 4234 Tritium Production 42-Mo-95
 Cross Section -100.0 To 4286. %



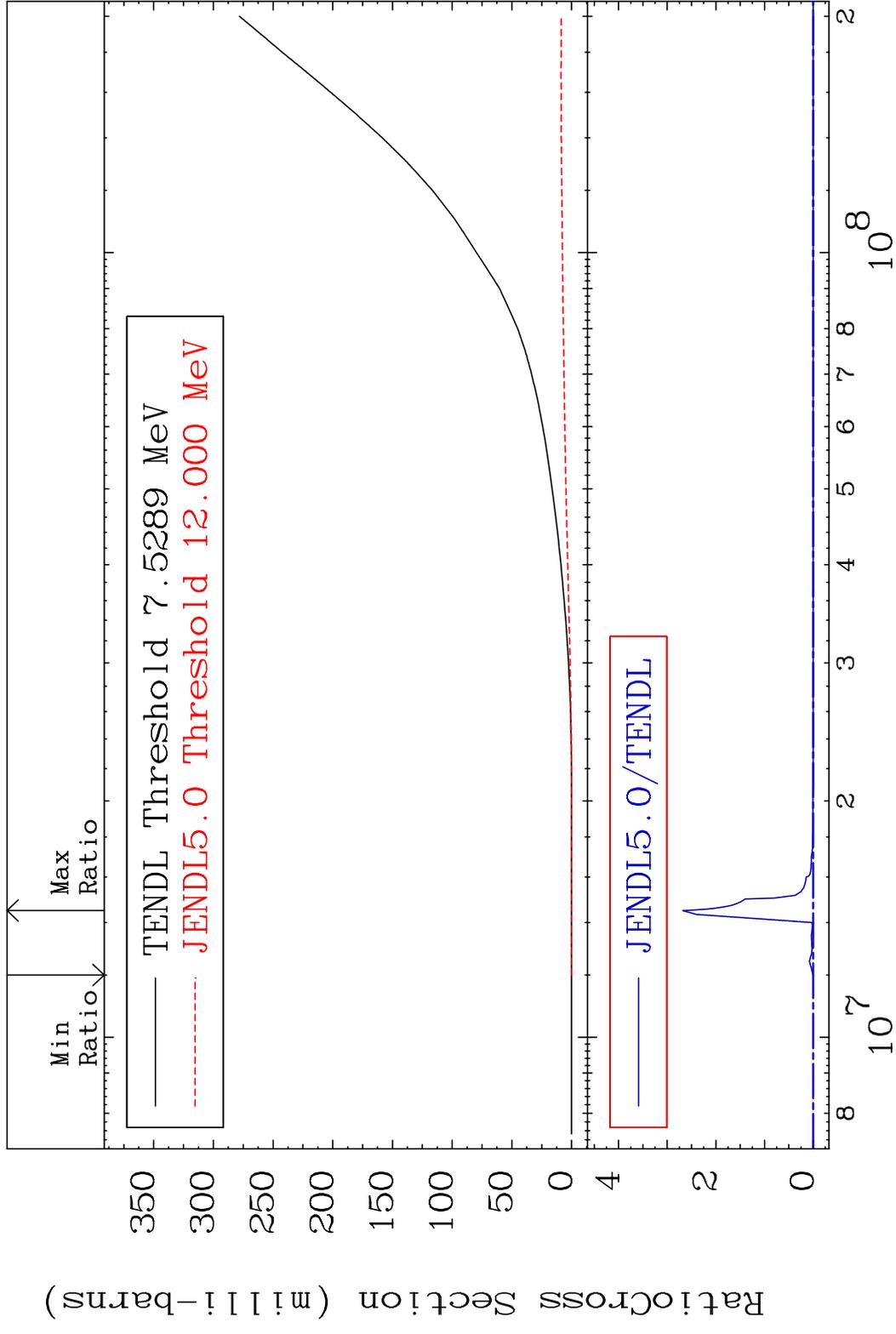
45 42-Mo-95

MAT 4234

He-3 Production

42-Mo-95

Cross Section -100.0 To 9999. %



46

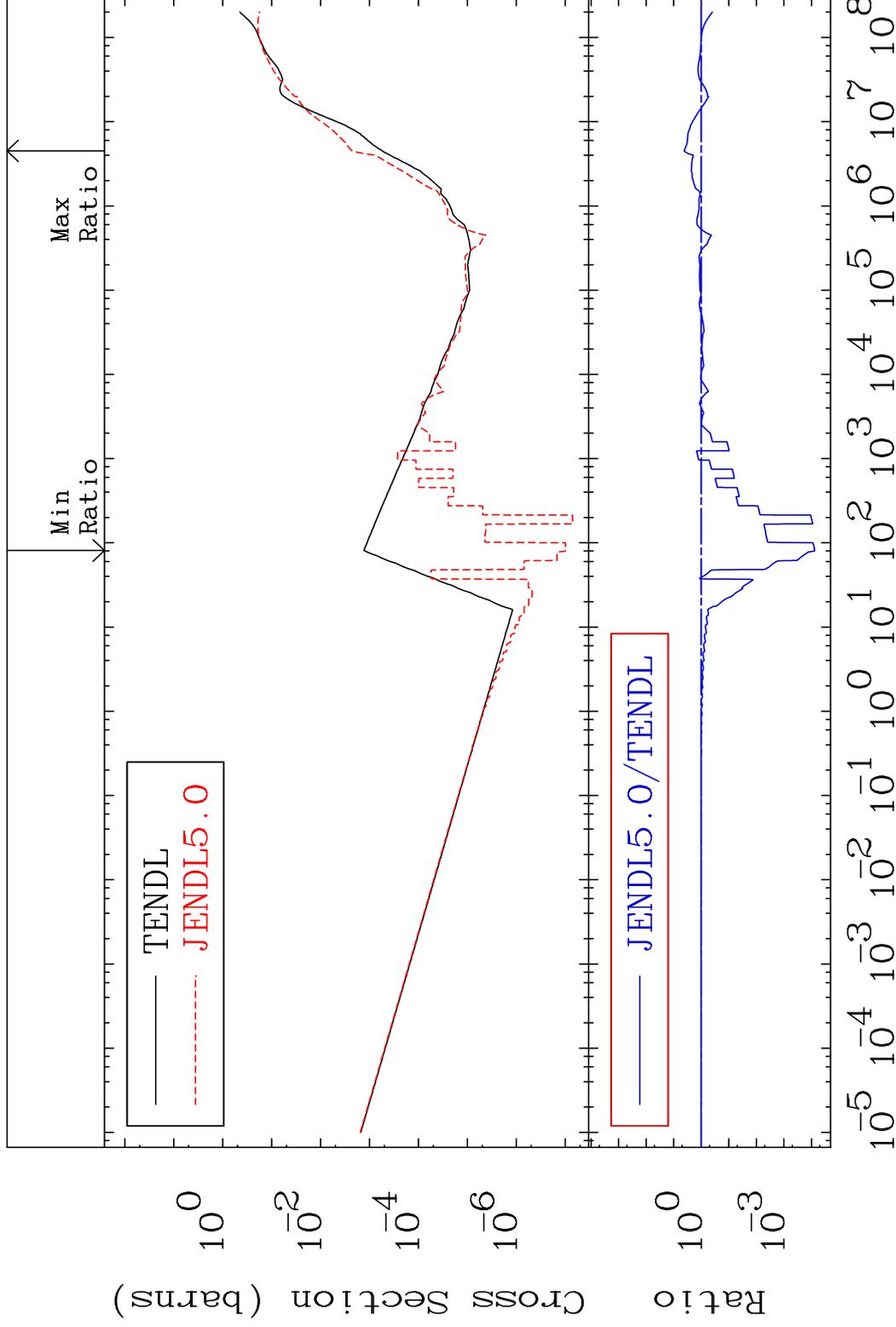
42-Mo-95

MAT 4234

He-4 Production

42-Mo-95

Cross Section -99.99 To 318.9 %

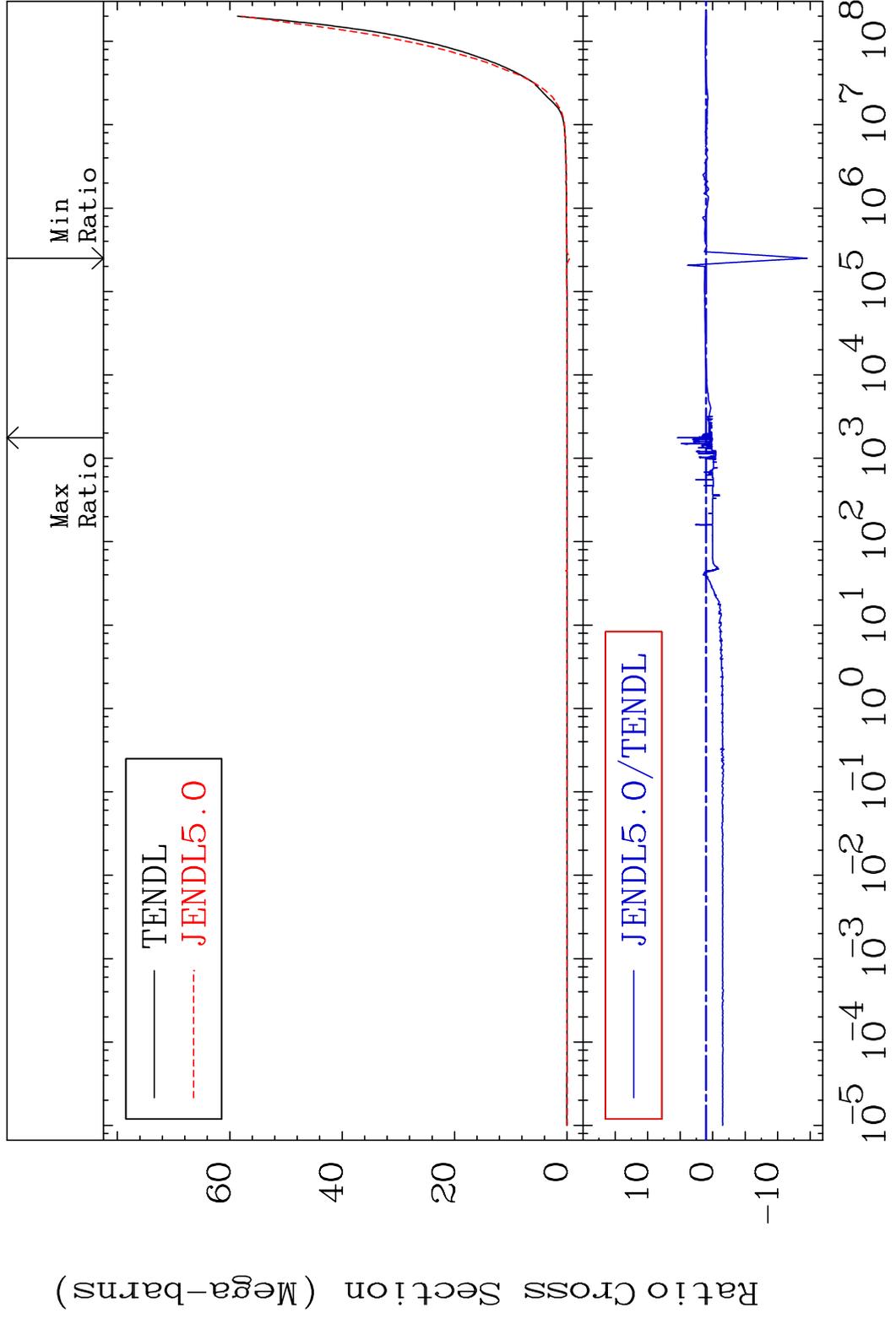


47

Incident Energy (eV)

42-Mo-95

MAT 4234 Kerma total (eV-barns) 42-Mo-95
Cross Section -1552. To 437.2 %

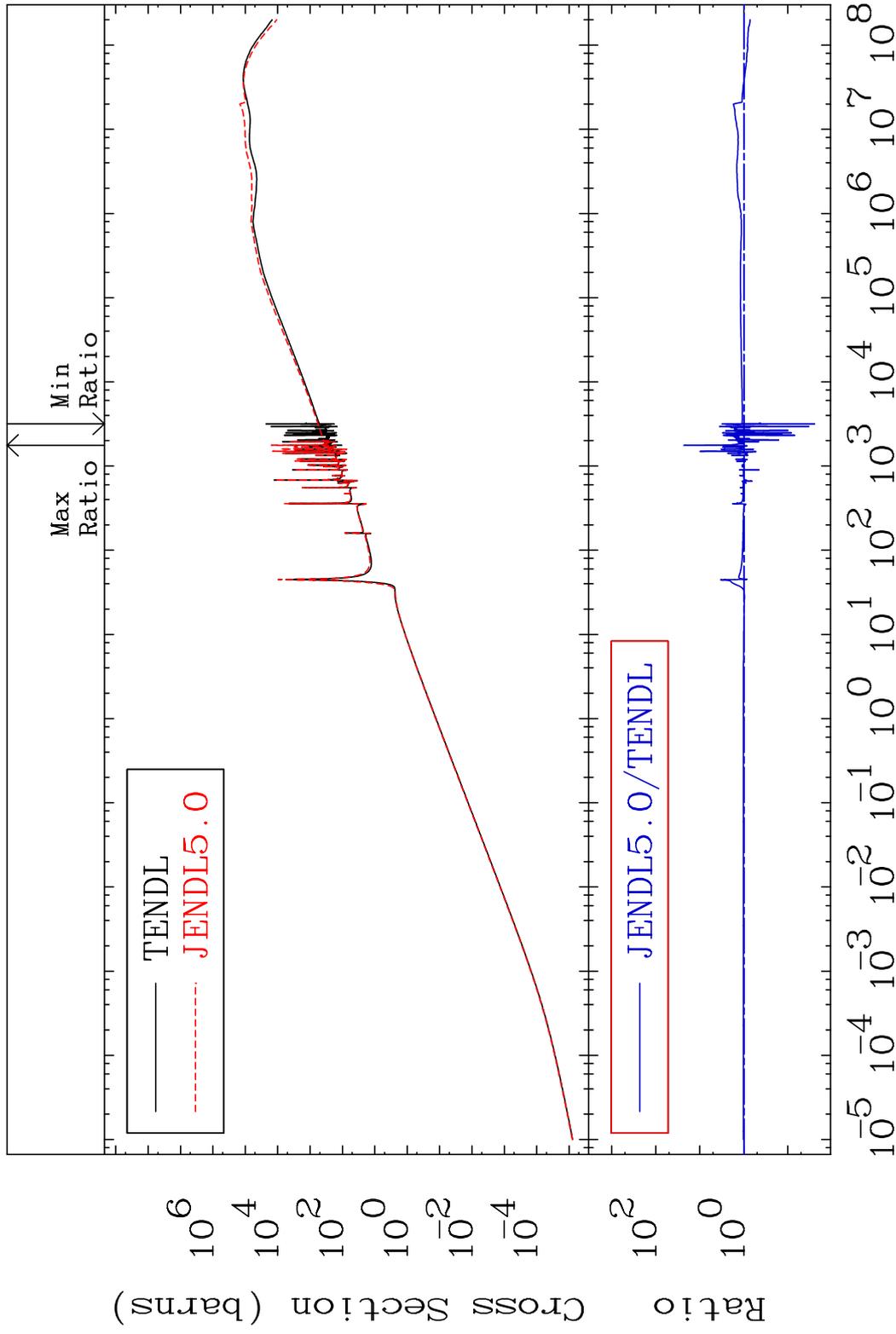


MAT 4234

Kerma elastic
Cross Section

42-Mo-95

-97.55 To 2170. %

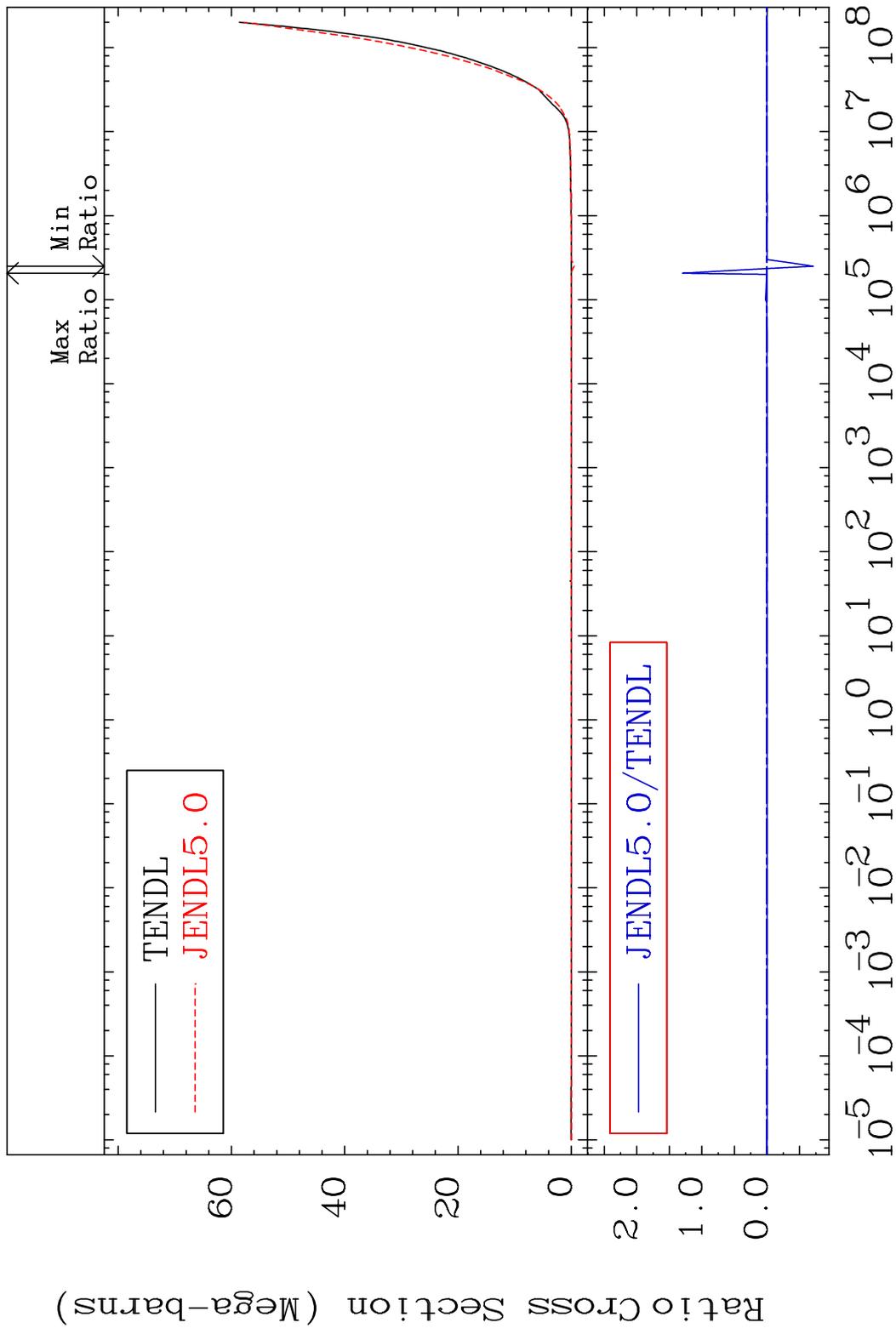


49

Incident Energy (eV)

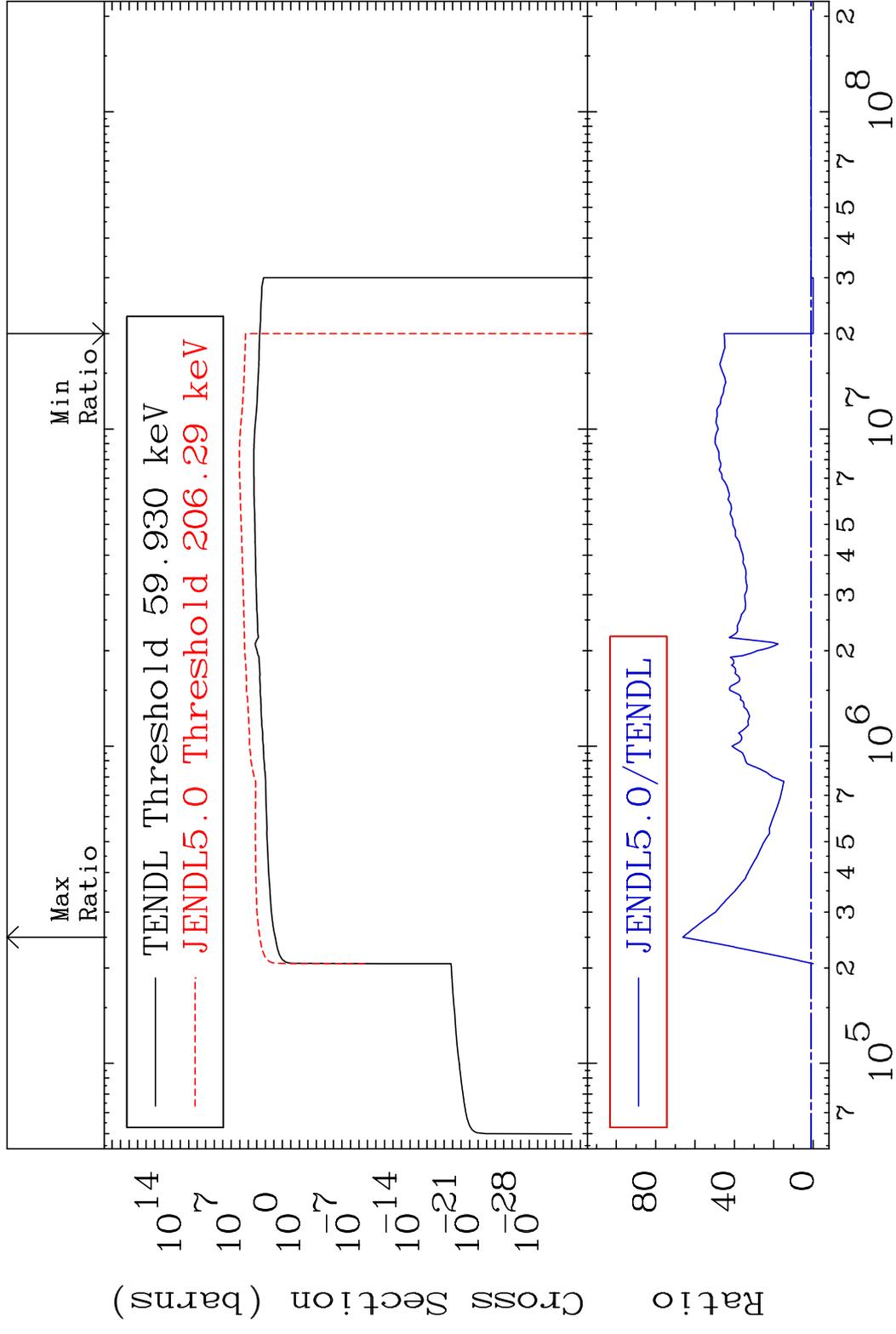
42-Mo-95

MAT 4234 Kerma non-elastic (all but mt2) 42-Mo-95
Cross Section -9999. To 9999. %

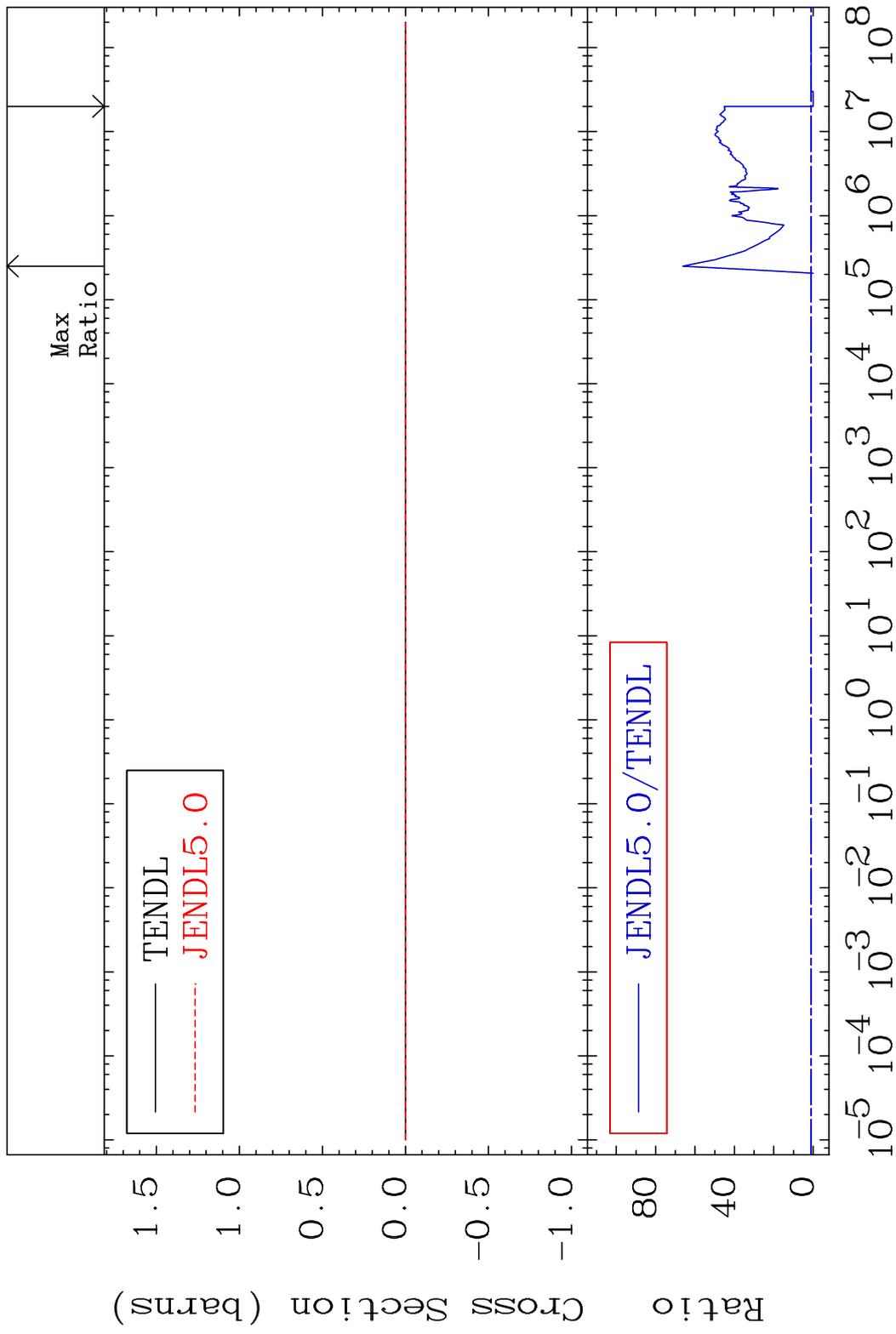


50 42-Mo-95

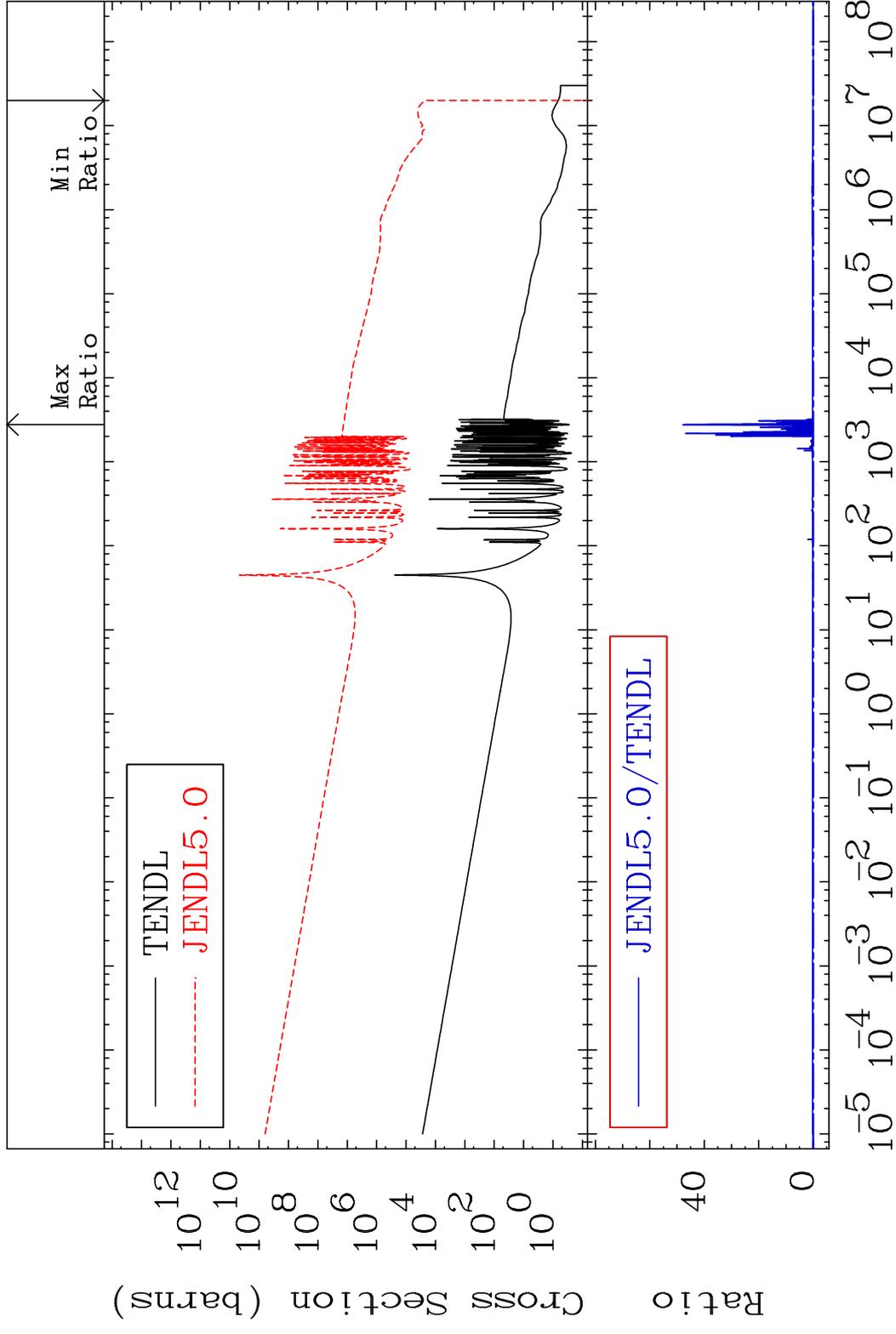
MAT 4234 Kerma inelastic (mt51-91) 42-Mo-95
 Cross Section -100.0 To 6519. %



MAT 4234 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-95
 Cross Section -100.0 To 6519. %



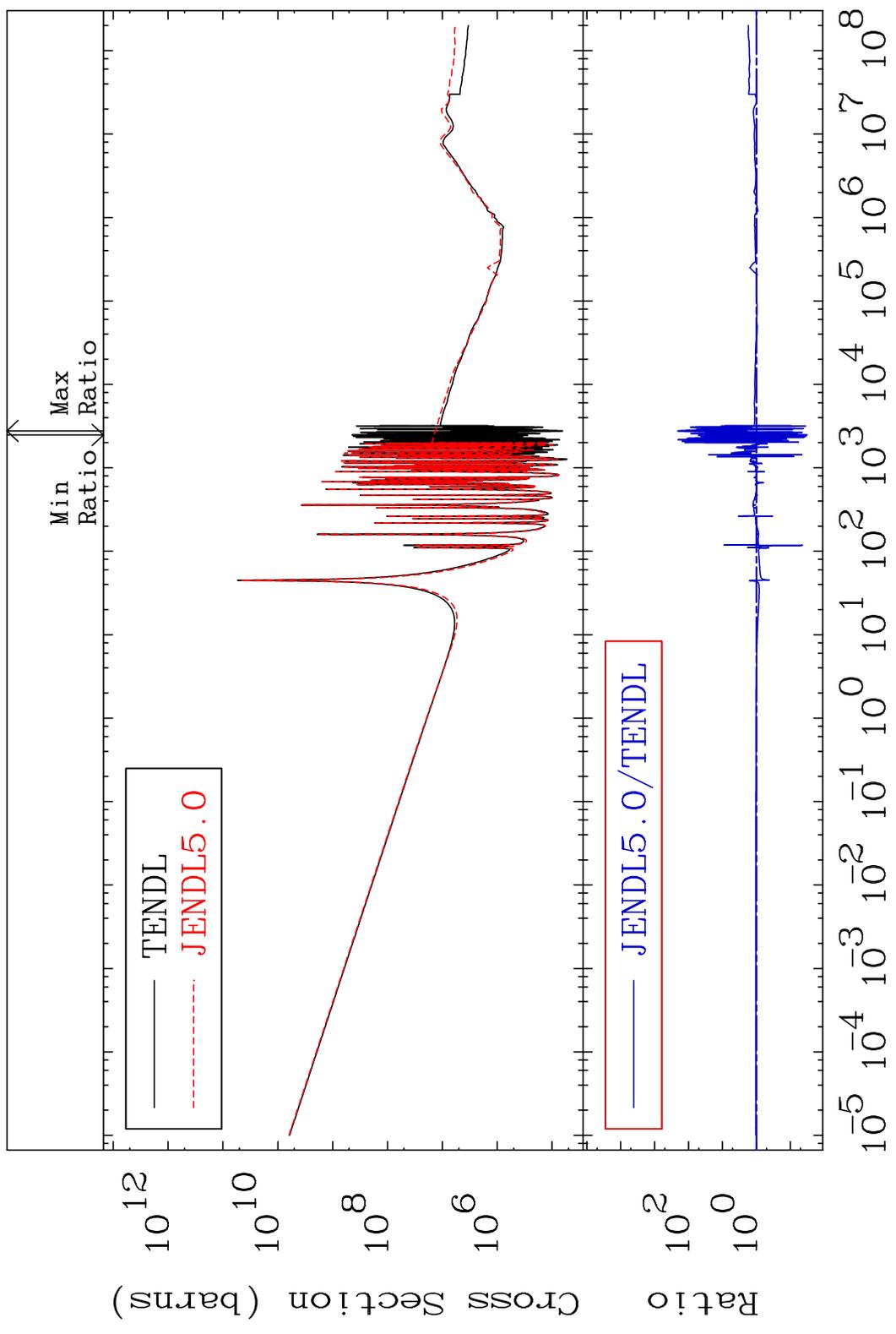
MAT 4234 Kerma capture (mt102) 42-Mo-95
 Cross Section -100.0 To 9999. %



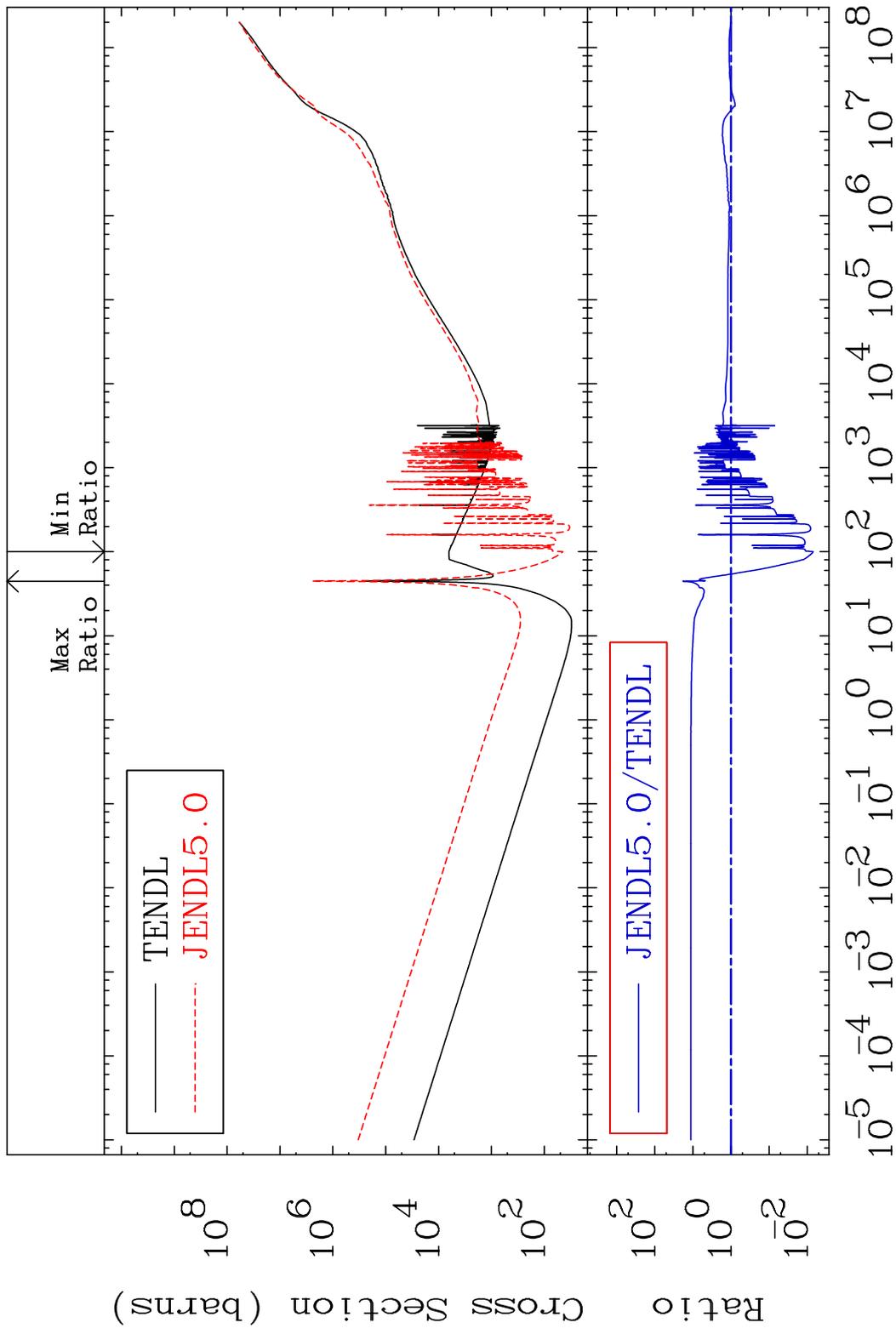
53 Incident Energy (eV) 42-Mo-95

MAT 4234

Total photon (eV-barns) 42-Mo-95
Cross Section -96.80 To 9999. %



MAT 4234 Total kinematic kerma (high limit) 42-Mo-95
 Cross Section -99.30 To 1734. %

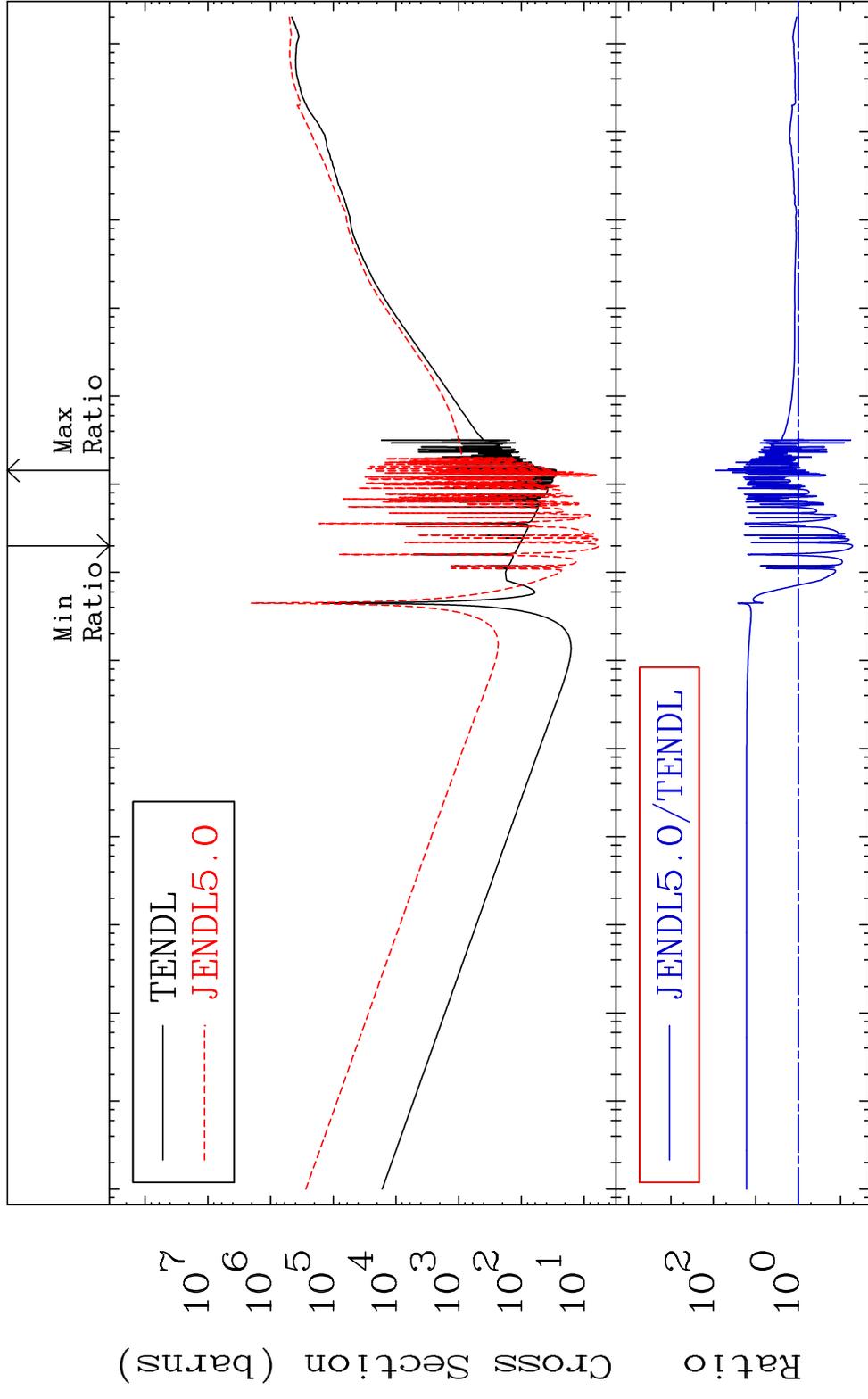


MAT 4234

Dpa total (eV-barns)

42-Mo-95

Cross Section -94.75 To 8603. %

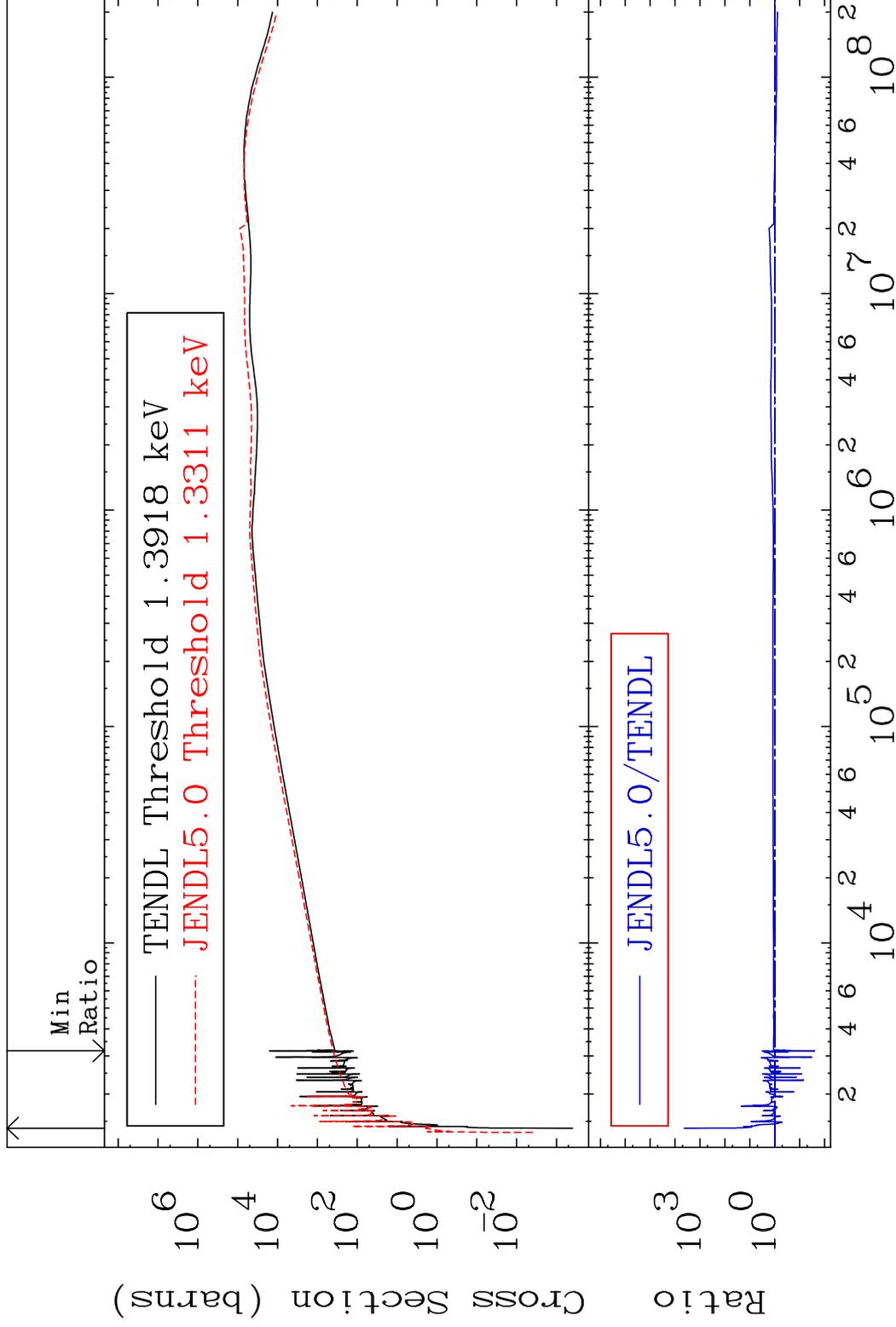


MAT 4234

Dpa elastic (mt2)

42-Mo-95

Cross Section -97.51 To 9999. %

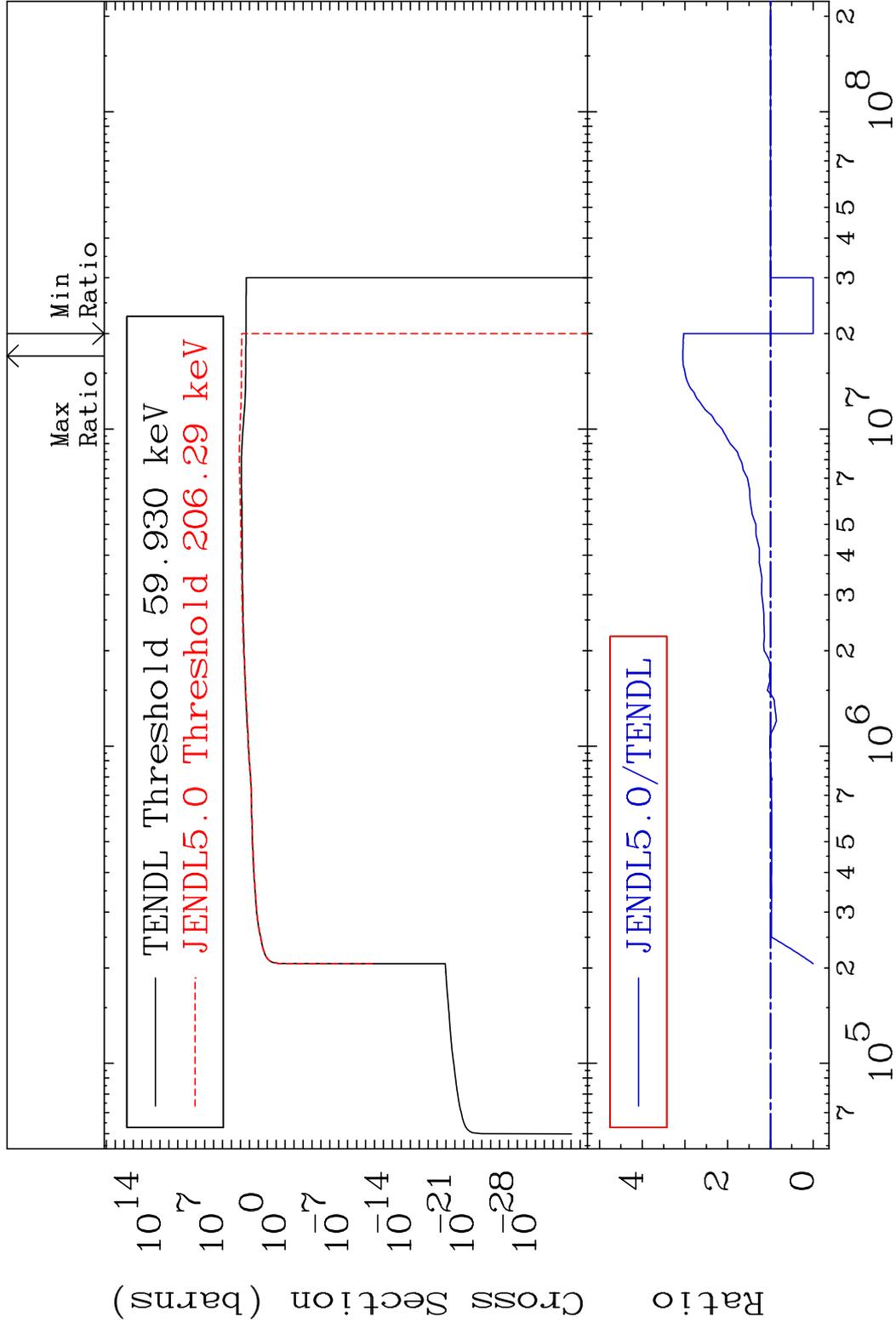


57

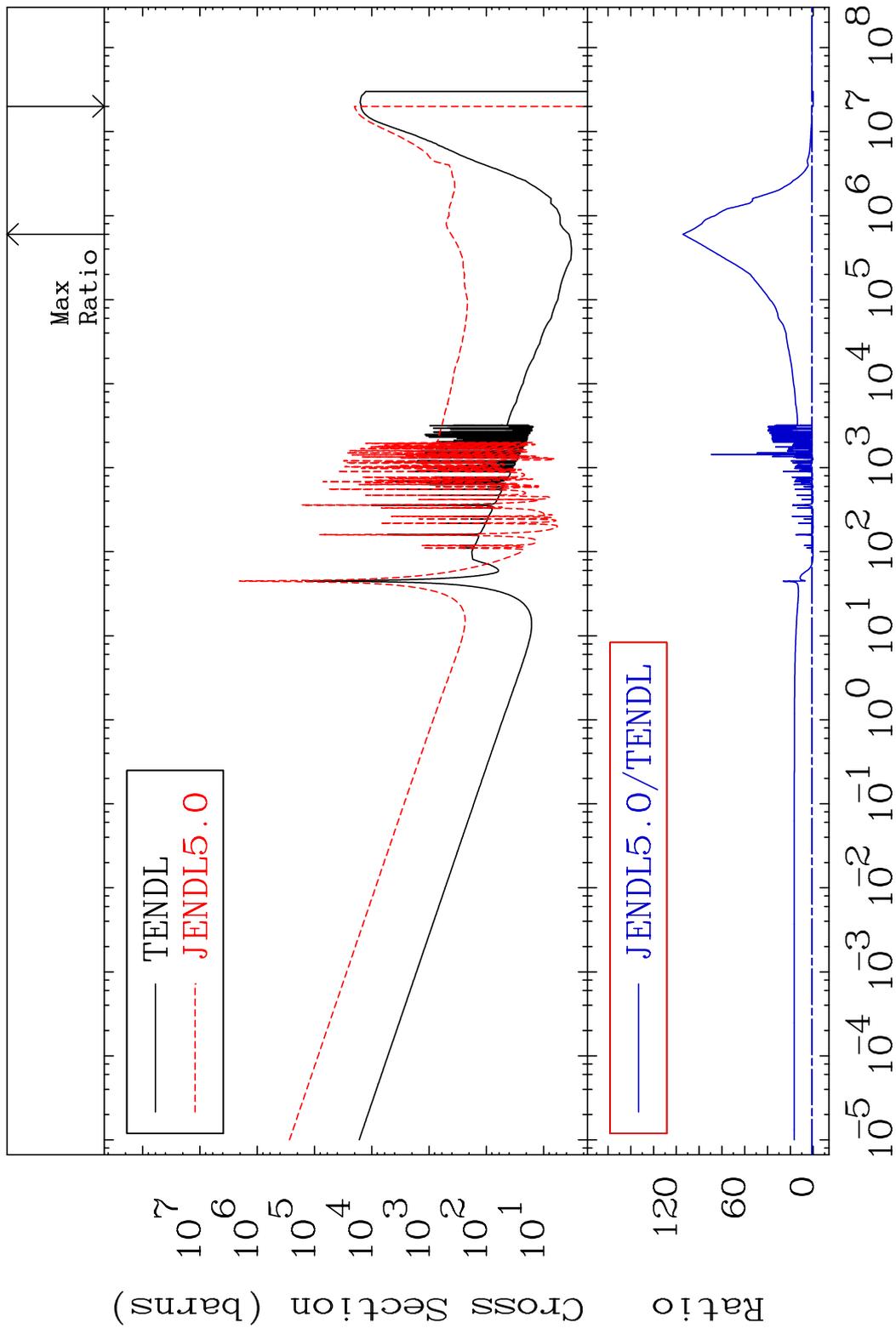
Incident Energy (eV)

42-Mo-95

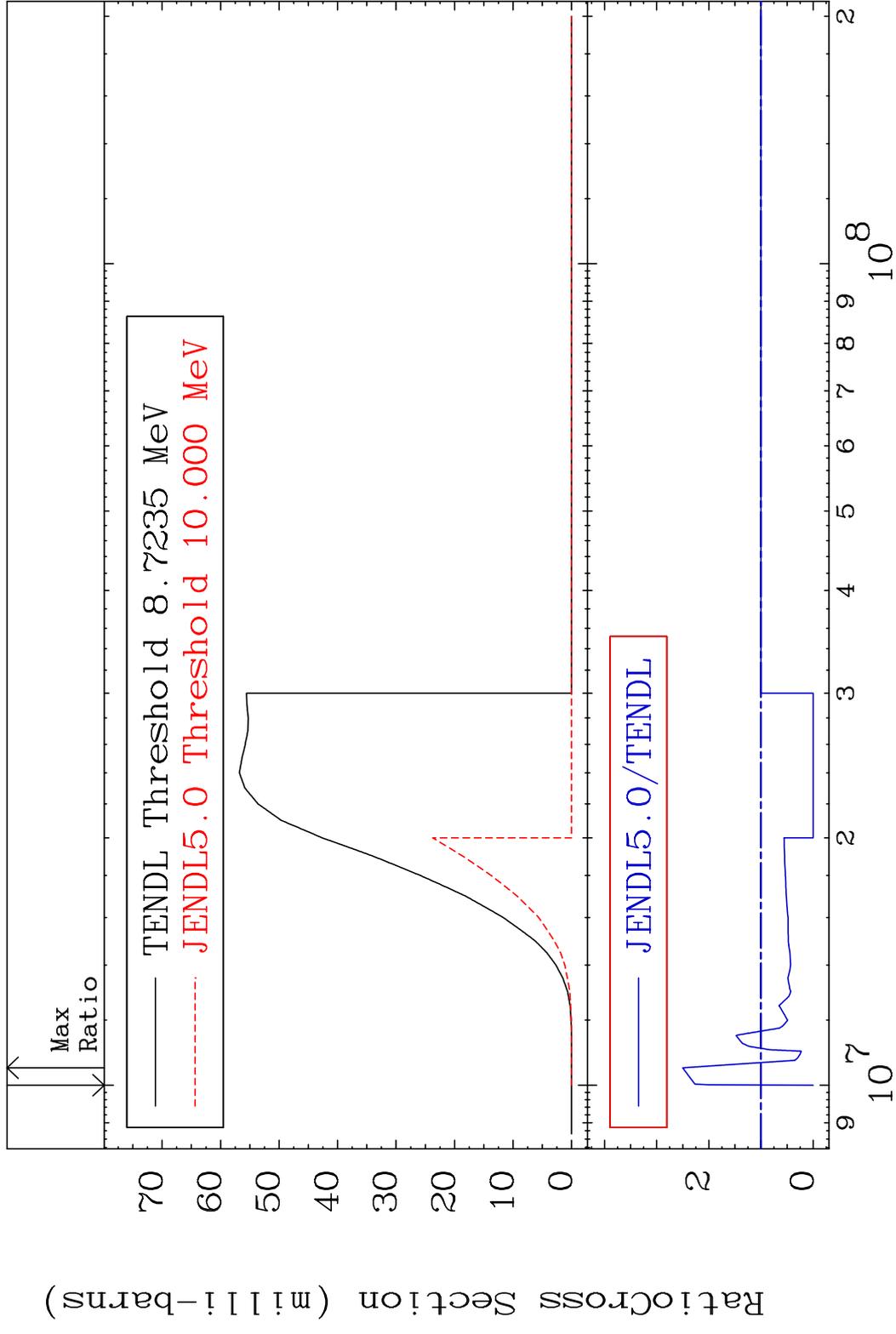
MAT 4234 Dpa inelastic (mt51-91) 42-Mo-95
 Cross Section -100.0 To 205.0 %



MAT 4234 Dpa disappearance (mt102 -120) 42-Mo-95
 Cross Section -100.0 To 9999. %

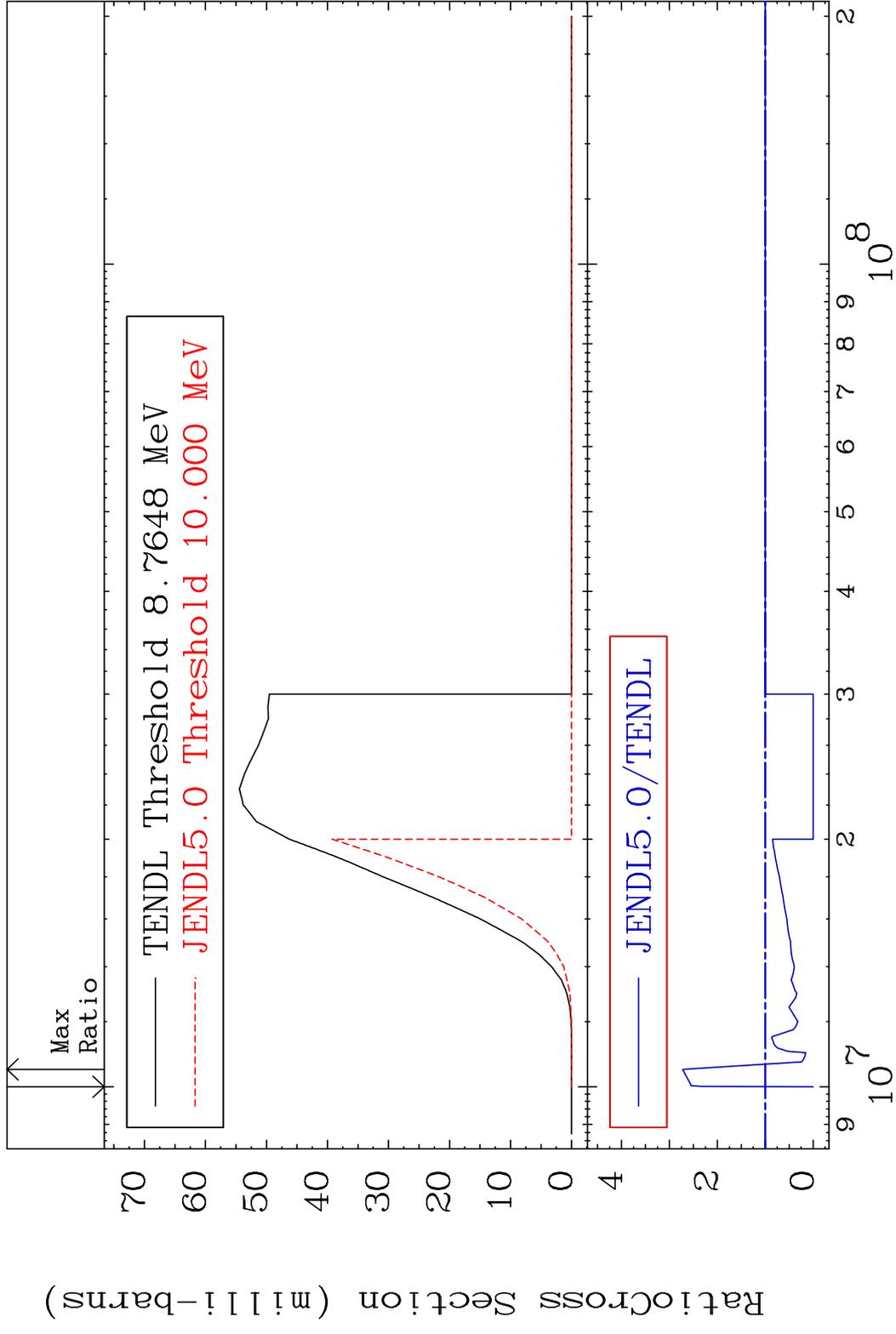


MAT 4234 (n, n') p:41-Nb-94g 42-Mo-95
 Radionuclide Production Cross Section 180.0 dtho 149.9 %

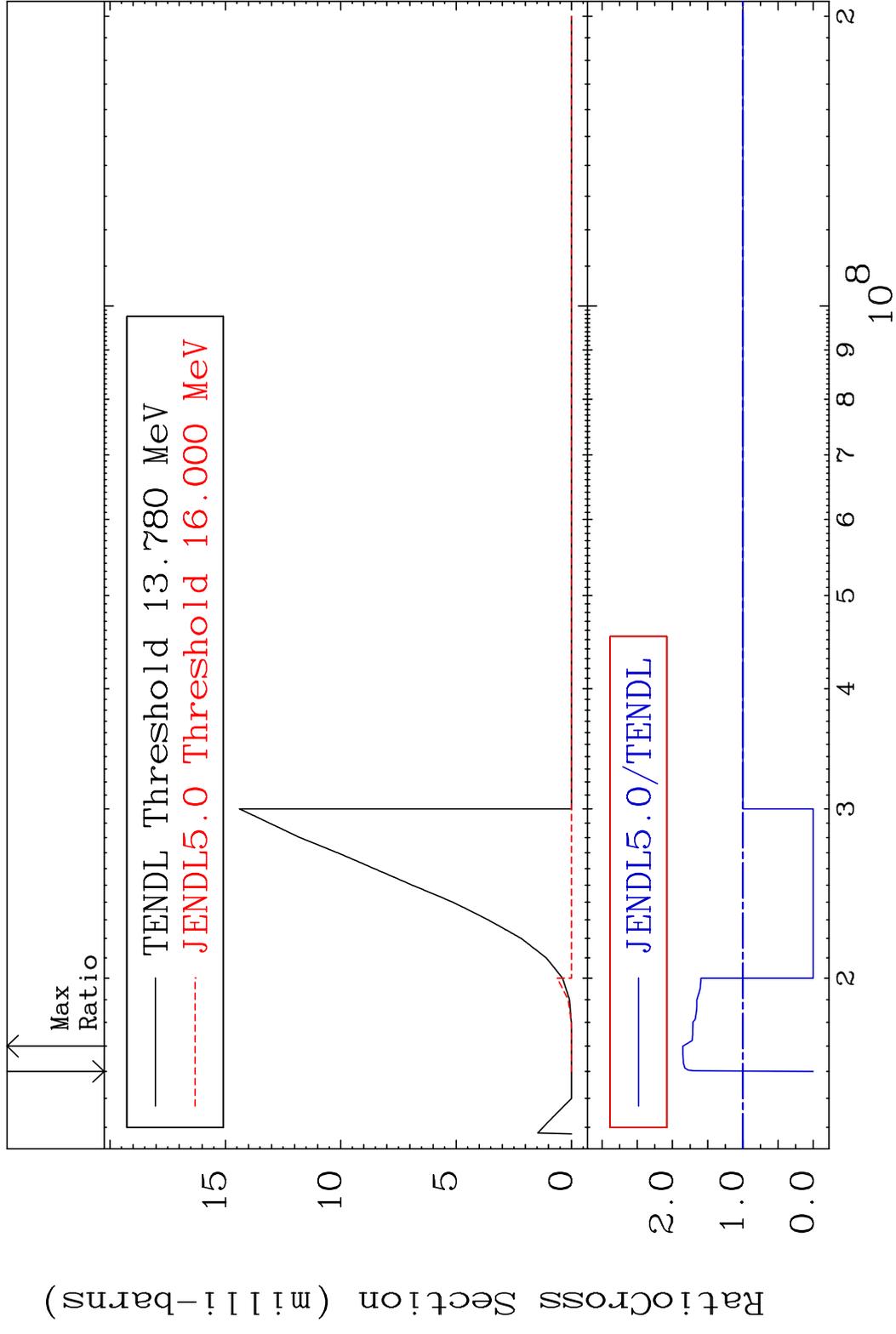


60 Incident Energy (eV) 42-Mo-95

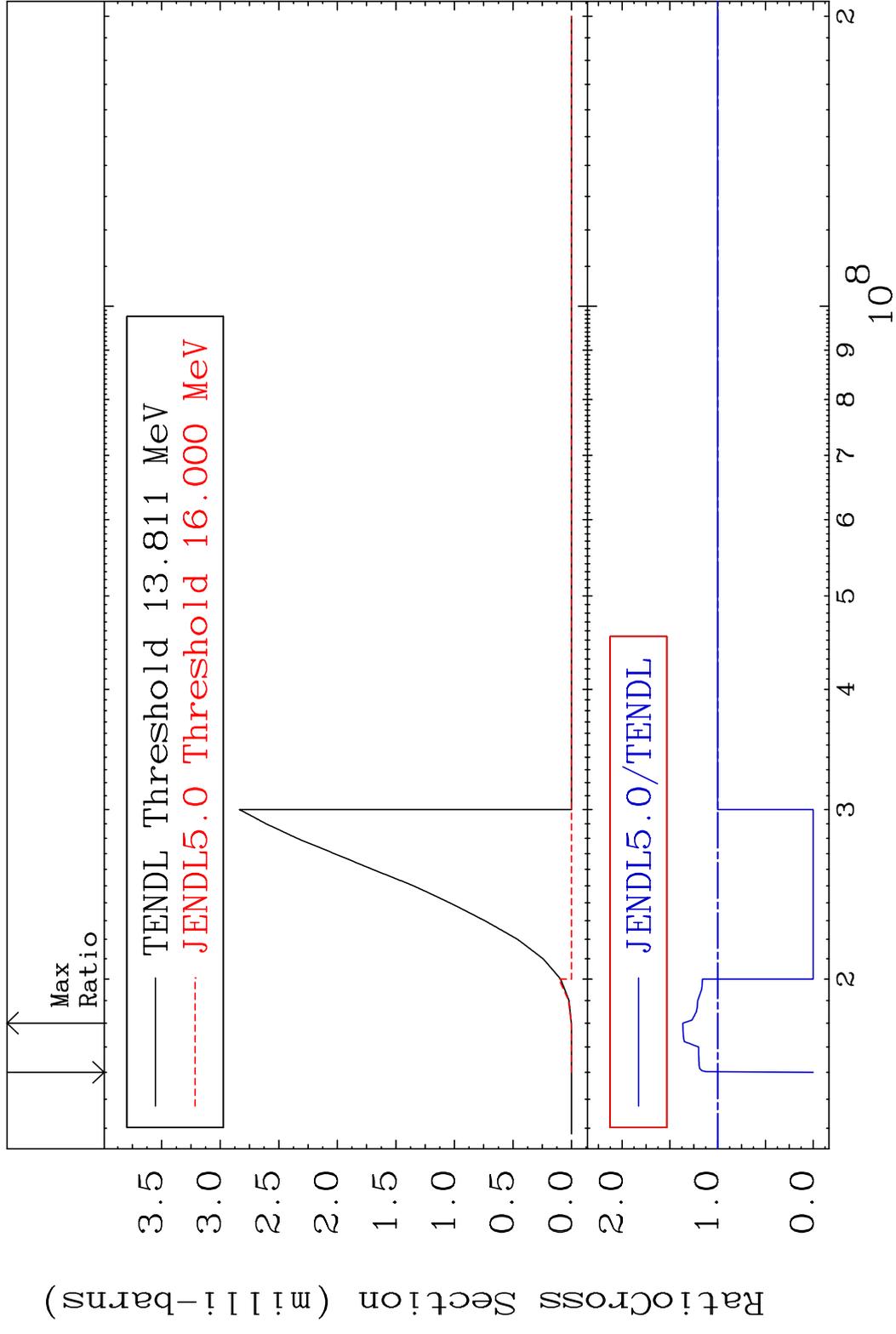
MAT 4234 (n, n') p:41-Nb-94m1 42-Mo-95
 Radionuclide Production Cross Section 180.0 dth 172.0 %

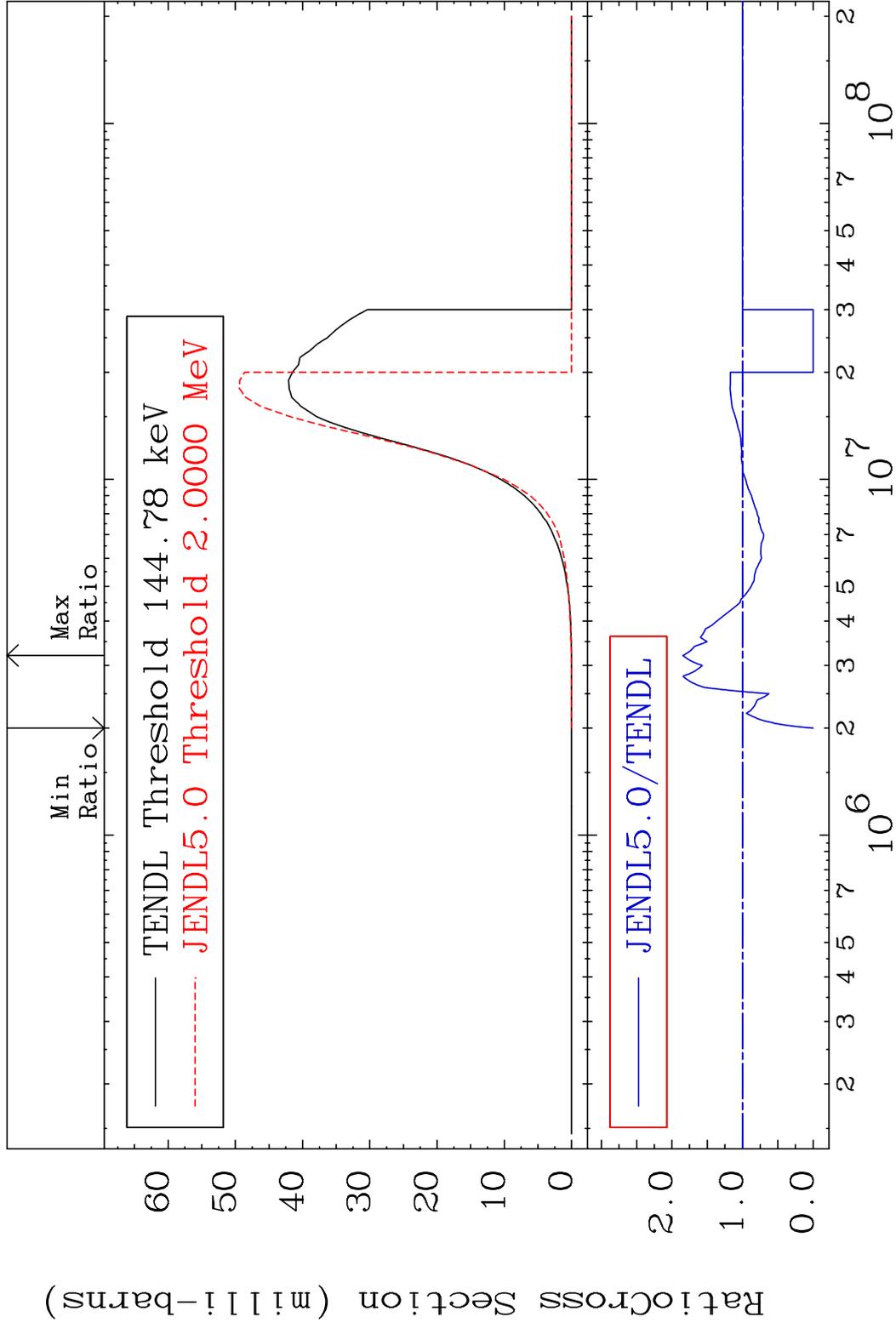


MAT 4234 (n, n') d:41-Nb-93g 42-Mo-95
 Radionuclide Production Cross Section 180.01 dth 85.27 %

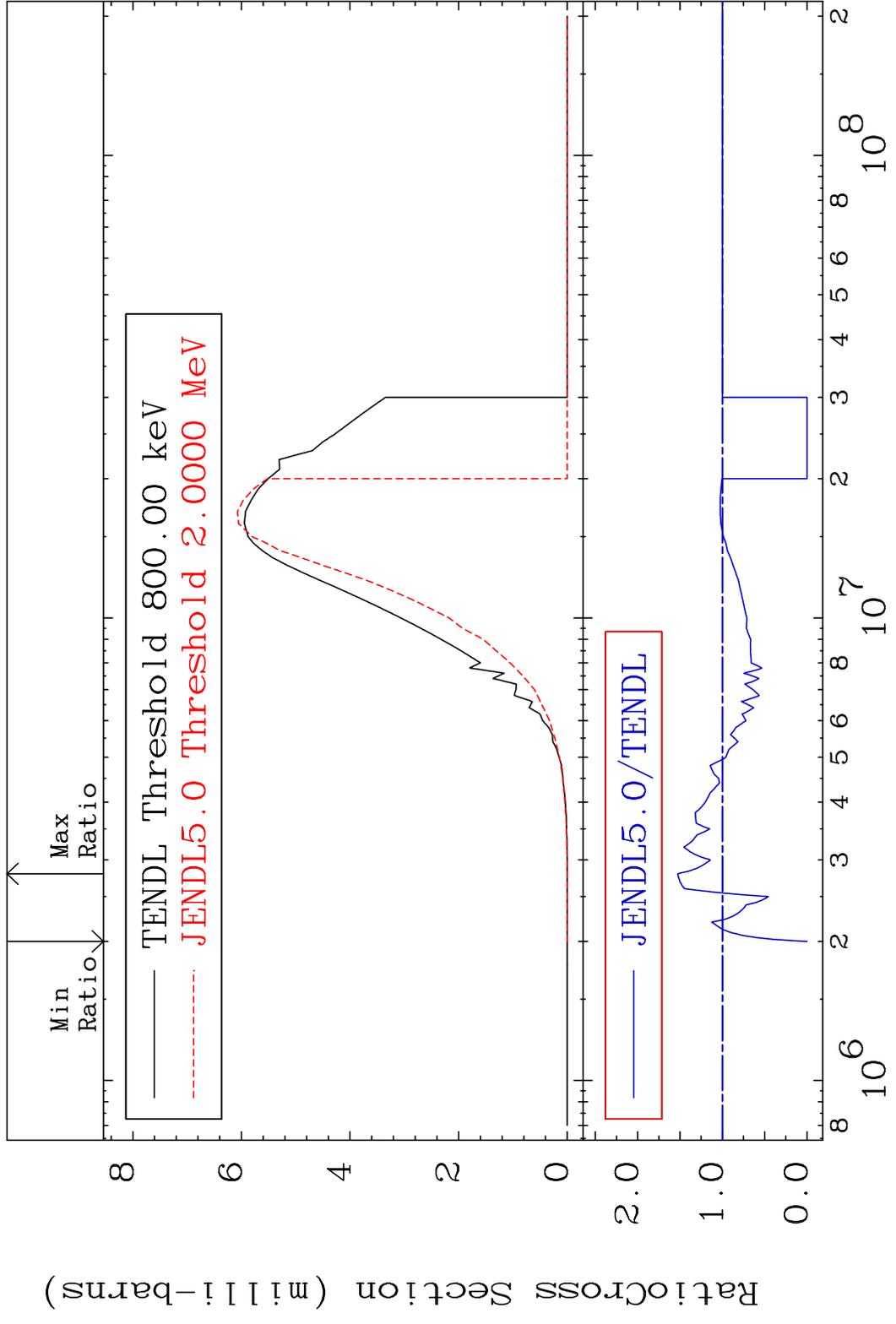


MAT 4234 (n, n') d:41-Nb-93m1 42-Mo-95
 Radionuclide Production Cross Section 36.49 %

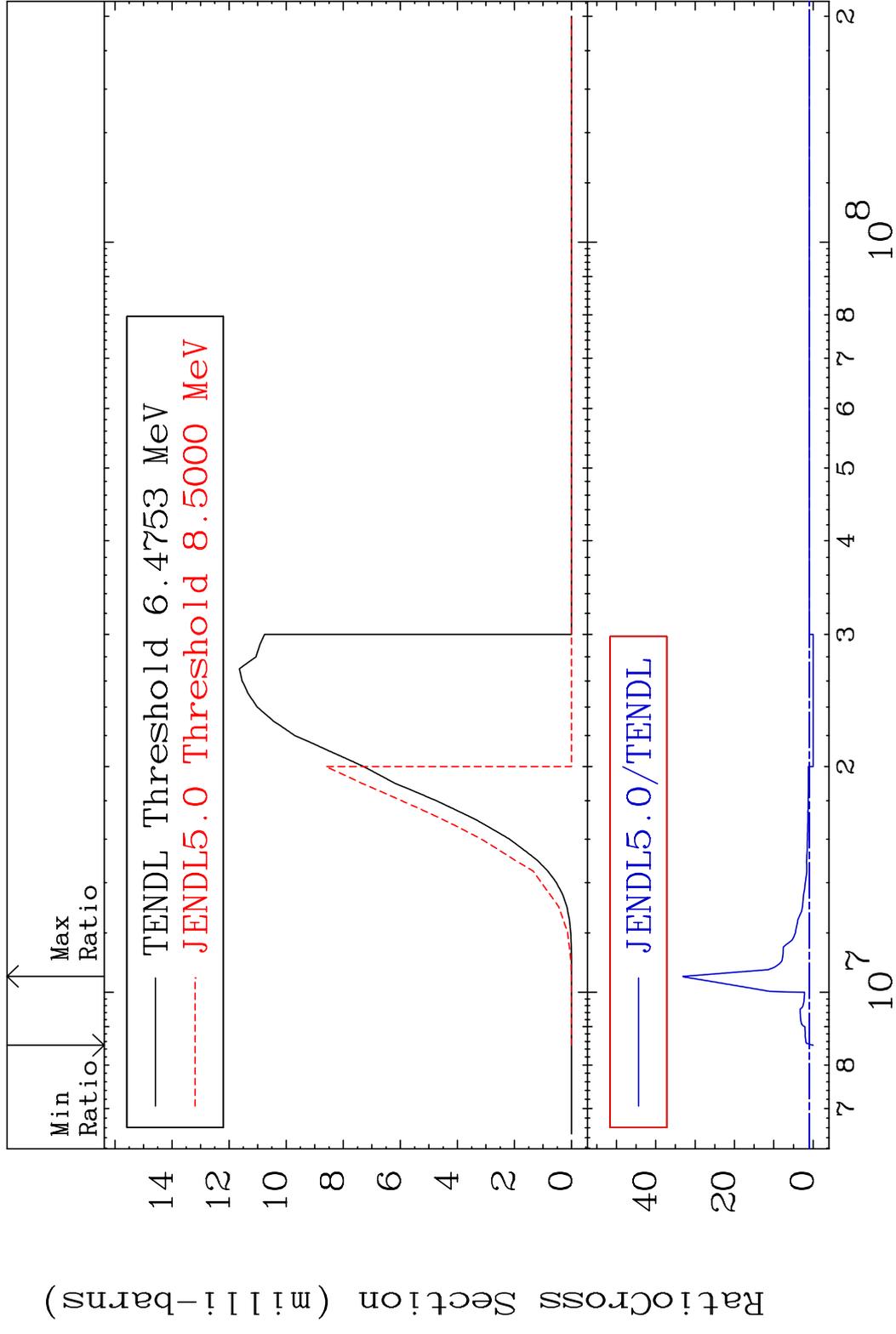




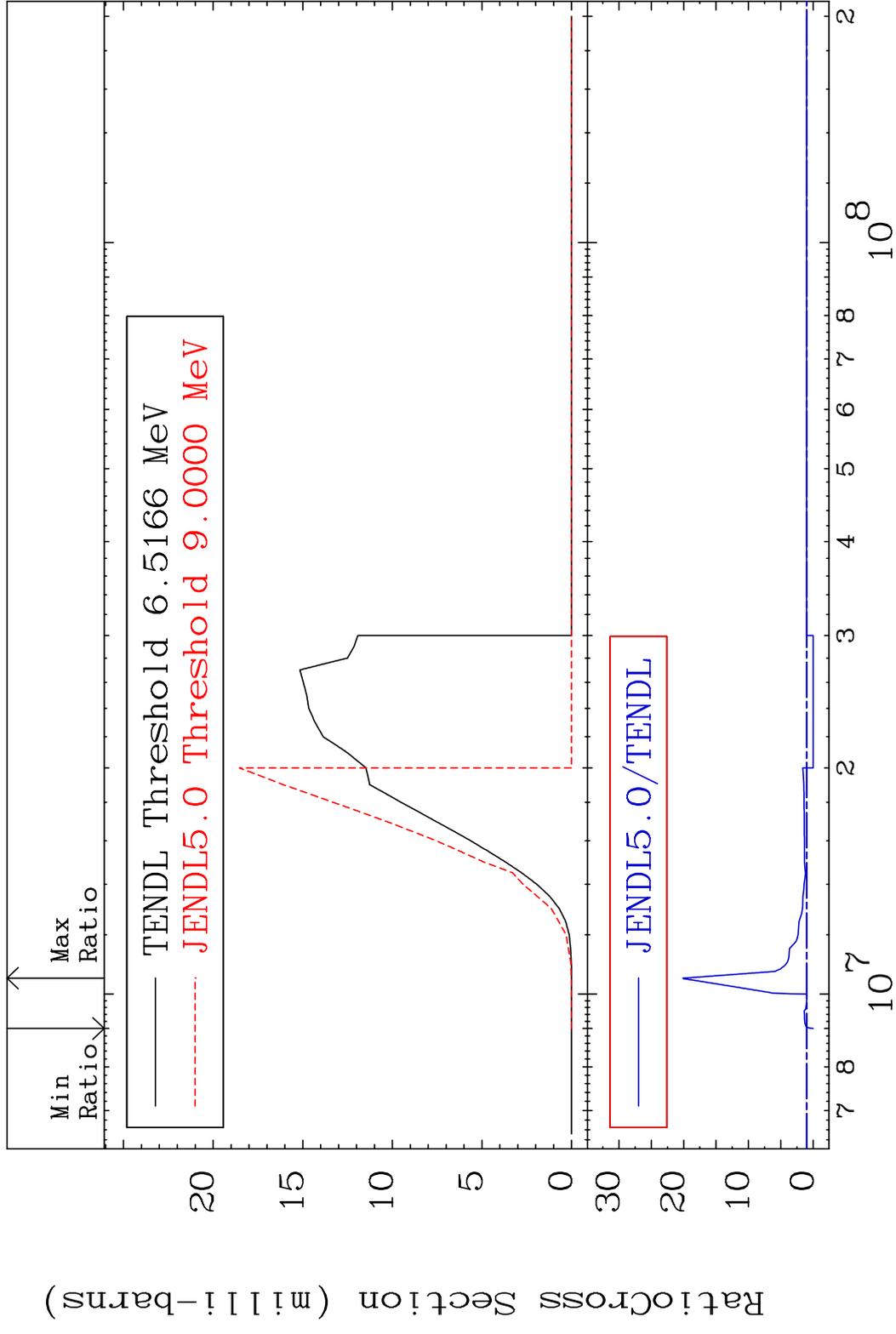
MAT 4234 (n,p):41-Nb-95m1 42-Mo-95
 Radionuclide Production Cross Section 180.01 dth 52.72 %



65 Incident Energy (eV) 42-Mo-95



MAT 4234 (n, d) : 41-Nb-94m1 42-Mo-95
 Radionuclide Production Cross Section 1913. %



MAT 4234 (n, t): 41-Nb-93g 42-Mo-95
 Radionuclide Production Cross Section 6751. %

