

Program Complot
(Version 2021-1)

by

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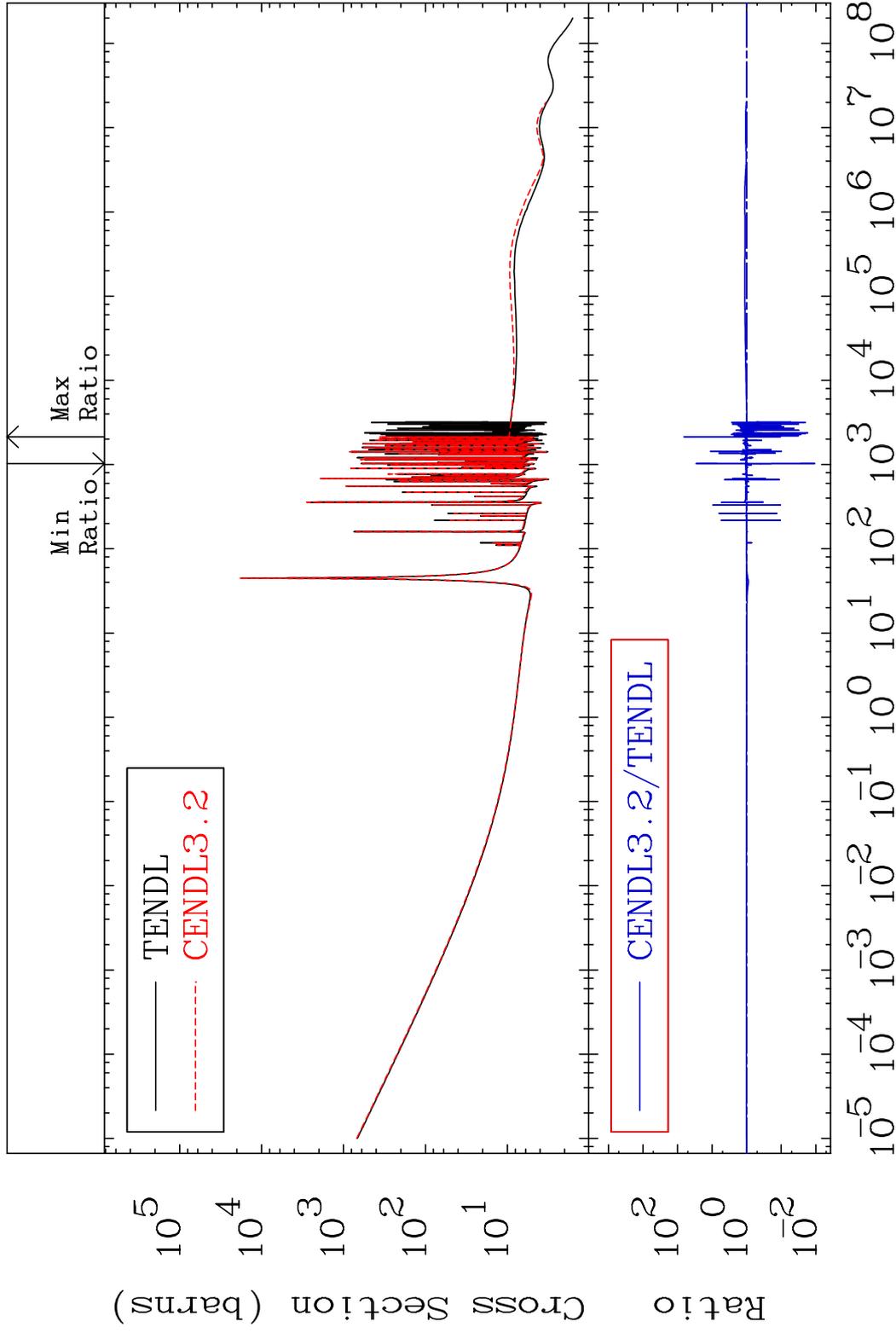
Press Mouse Button to Start

MAT 4234

Total

42-Mo-95

Cross Section -98.92 To 6337. %



1

Incident Energy (eV)

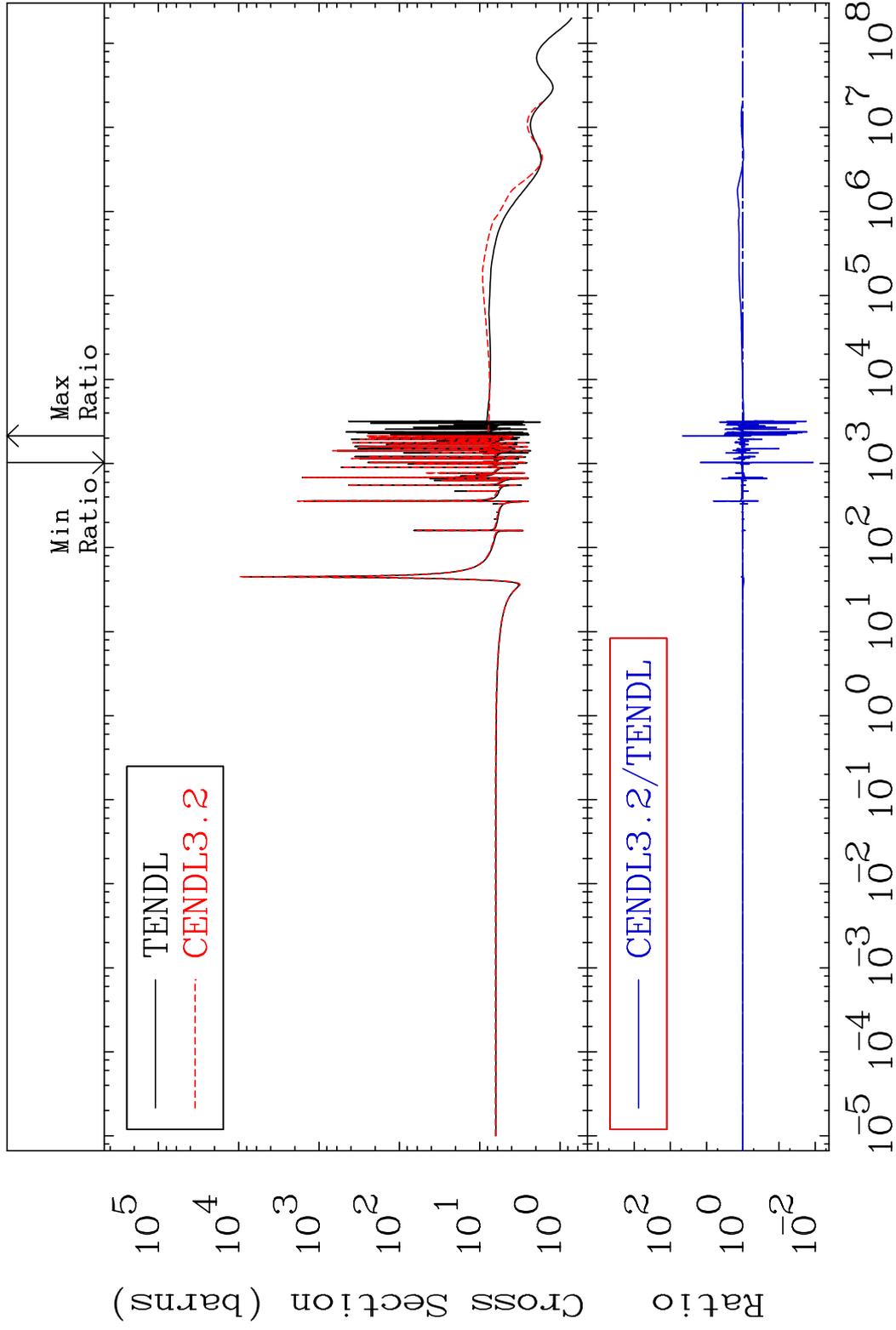
42-Mo-95

MAT 4234

Elastic

42-Mo-95

Cross Section -98.86 To 4429. %



2

Incident Energy (eV)

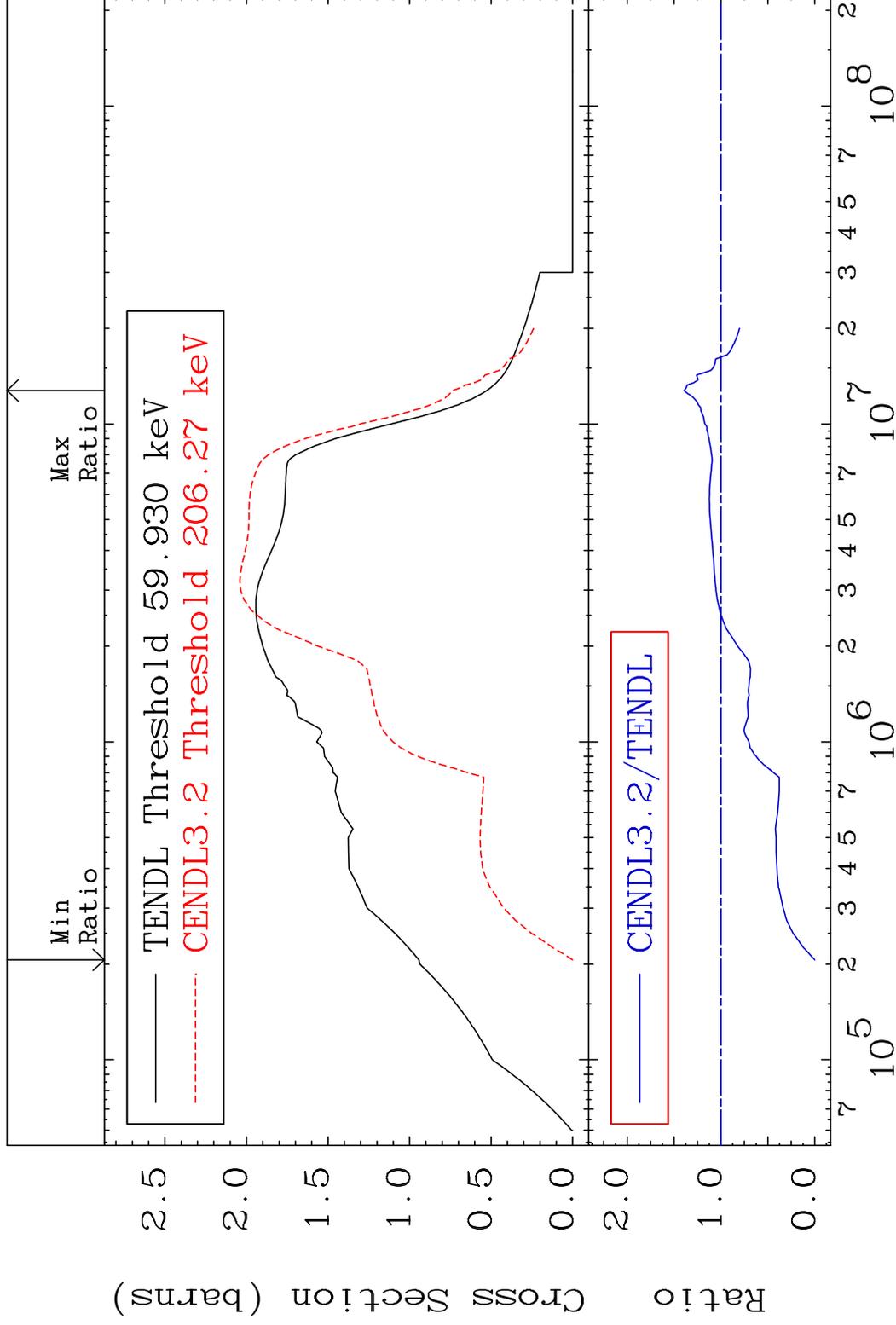
42-Mo-95

MAT 4234

Inelastic

42-Mo-95

Cross Section -100.0 To 39.28 %



3

Incident Energy (eV)

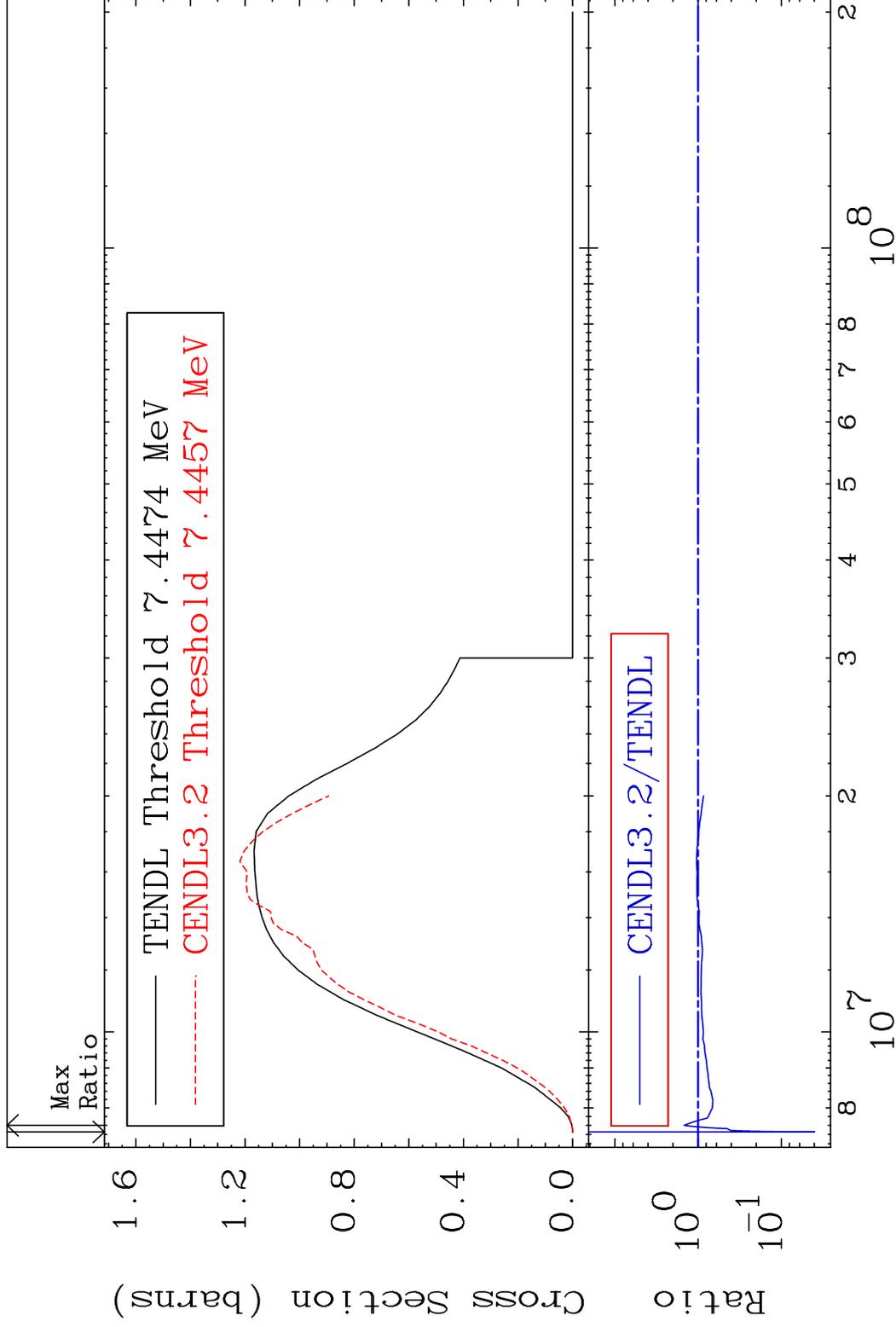
42-Mo-95

MAT 4234

(n,2n)

42-Mo-95

Cross Section -96.03 To 46.93 %



4

Incident Energy (eV)

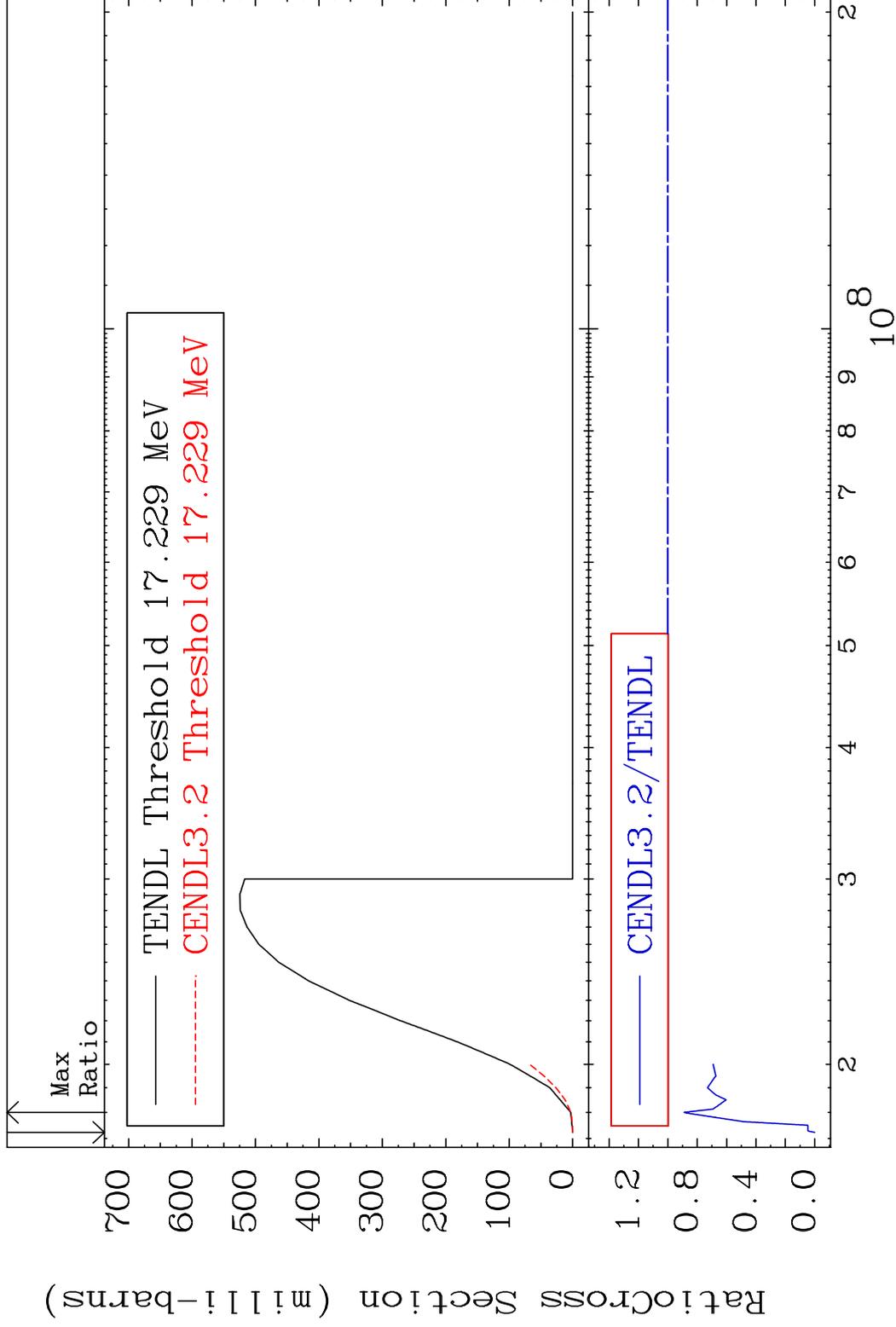
42-Mo-95

MAT 4234

(n,3n)

42-Mo-95

Cross Section -100.0 To -11.09%



5

Incident Energy (eV)

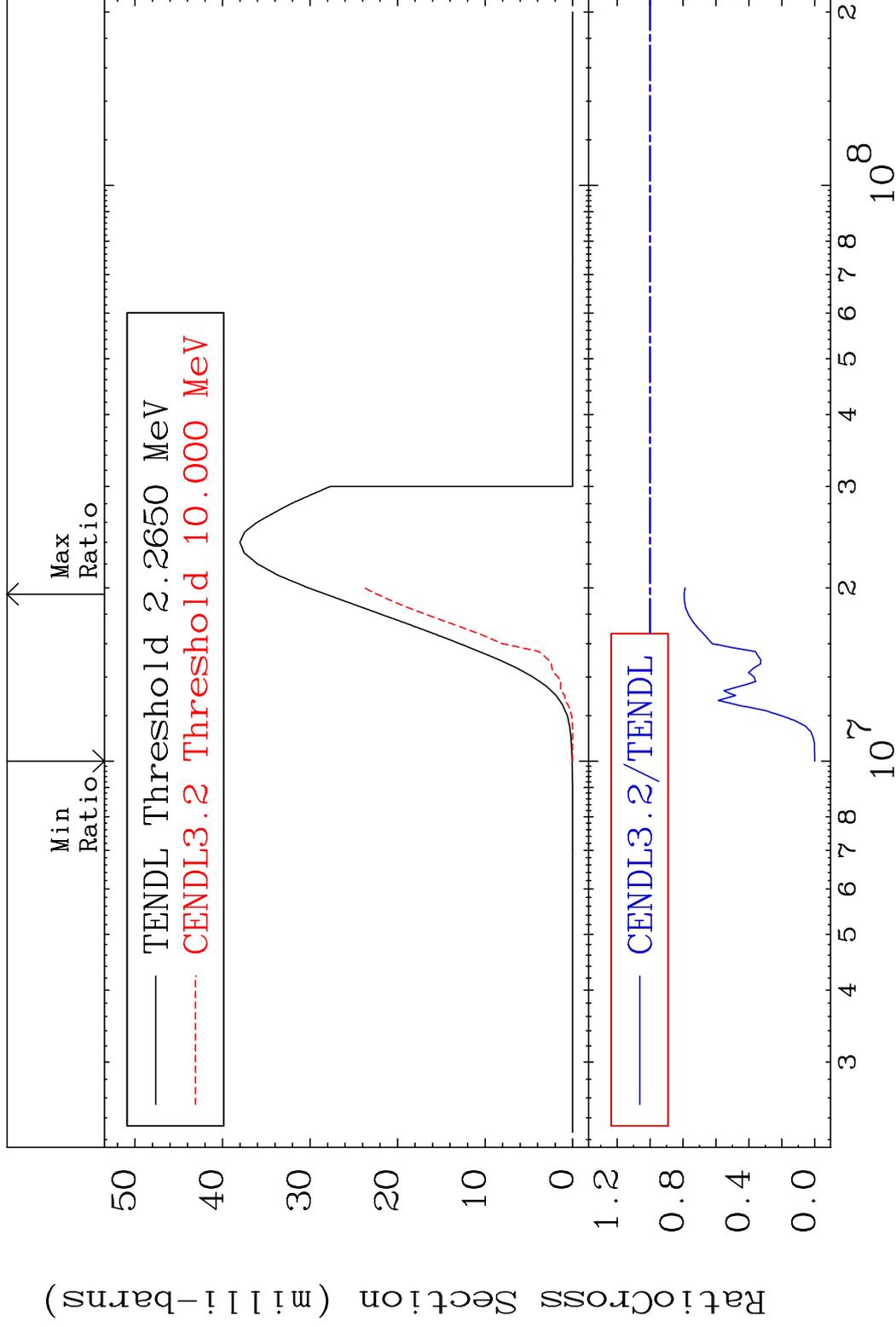
42-Mo-95

MAT 4234

(n, n') α

42-Mo-95

Cross Section -100.0 To -20.71%



6

Incident Energy (eV)

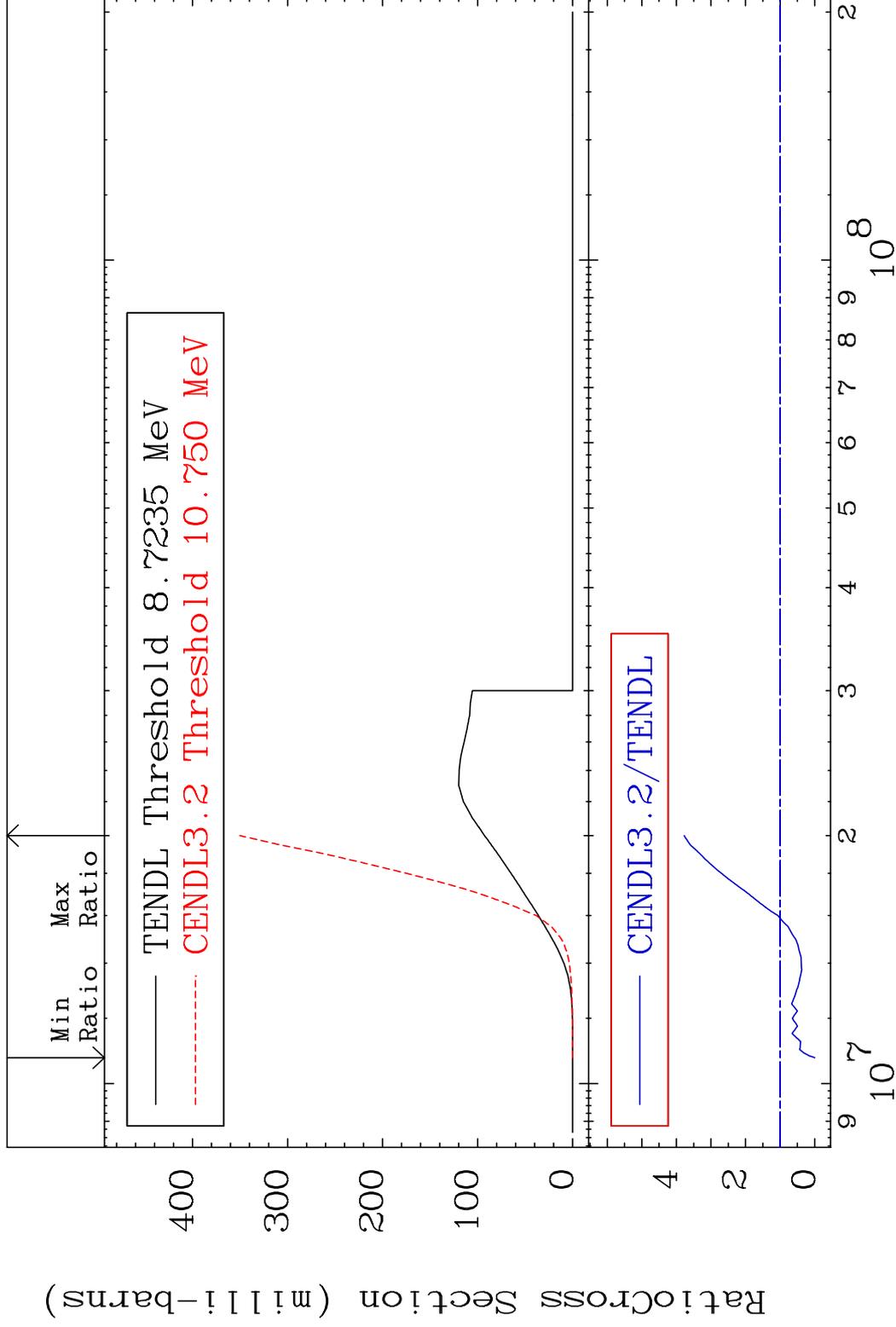
42-Mo-95

MAT 4234

(n, n') p

42-Mo-95

Cross Section -100.0 To 277.6 %

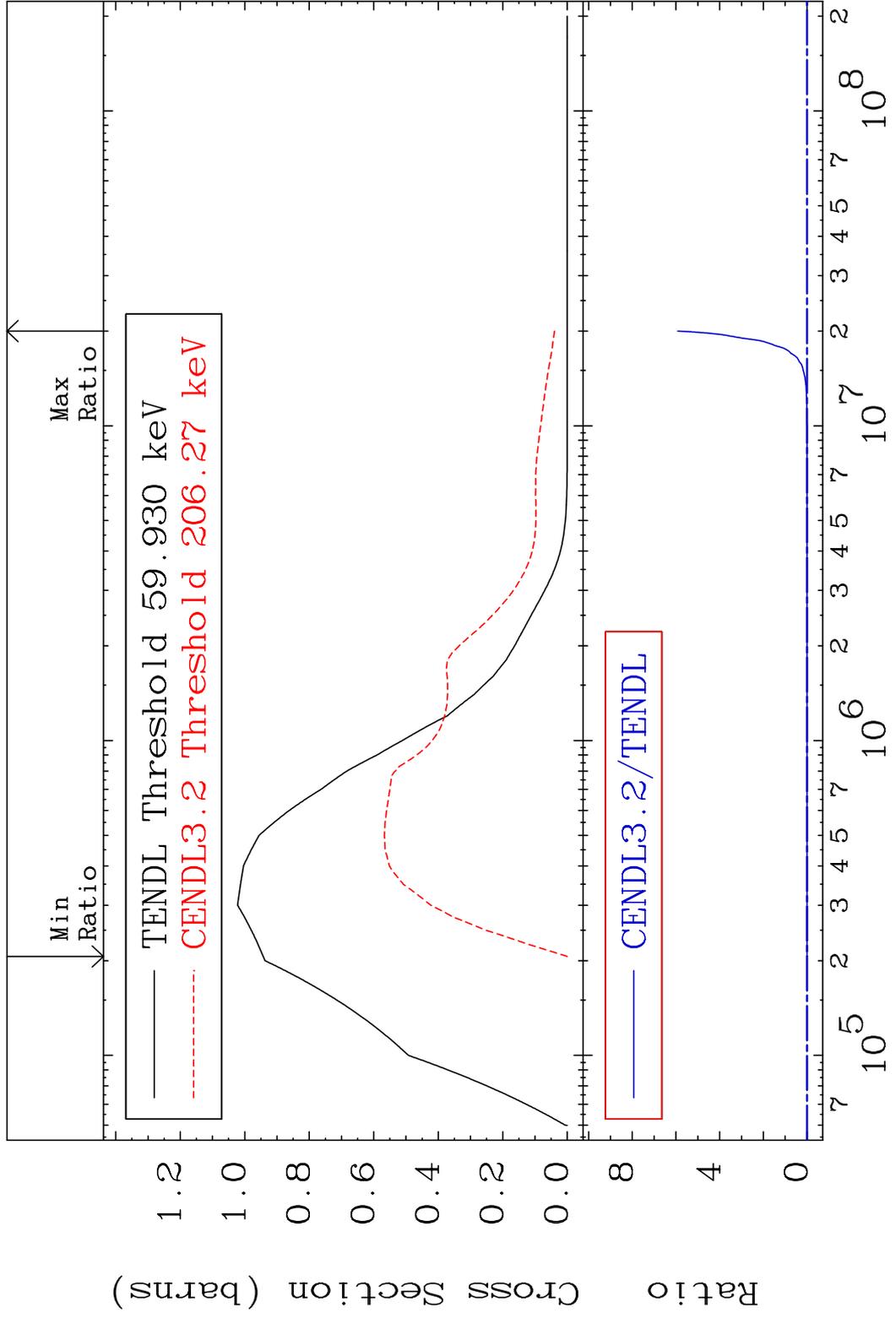


7

Incident Energy (eV)

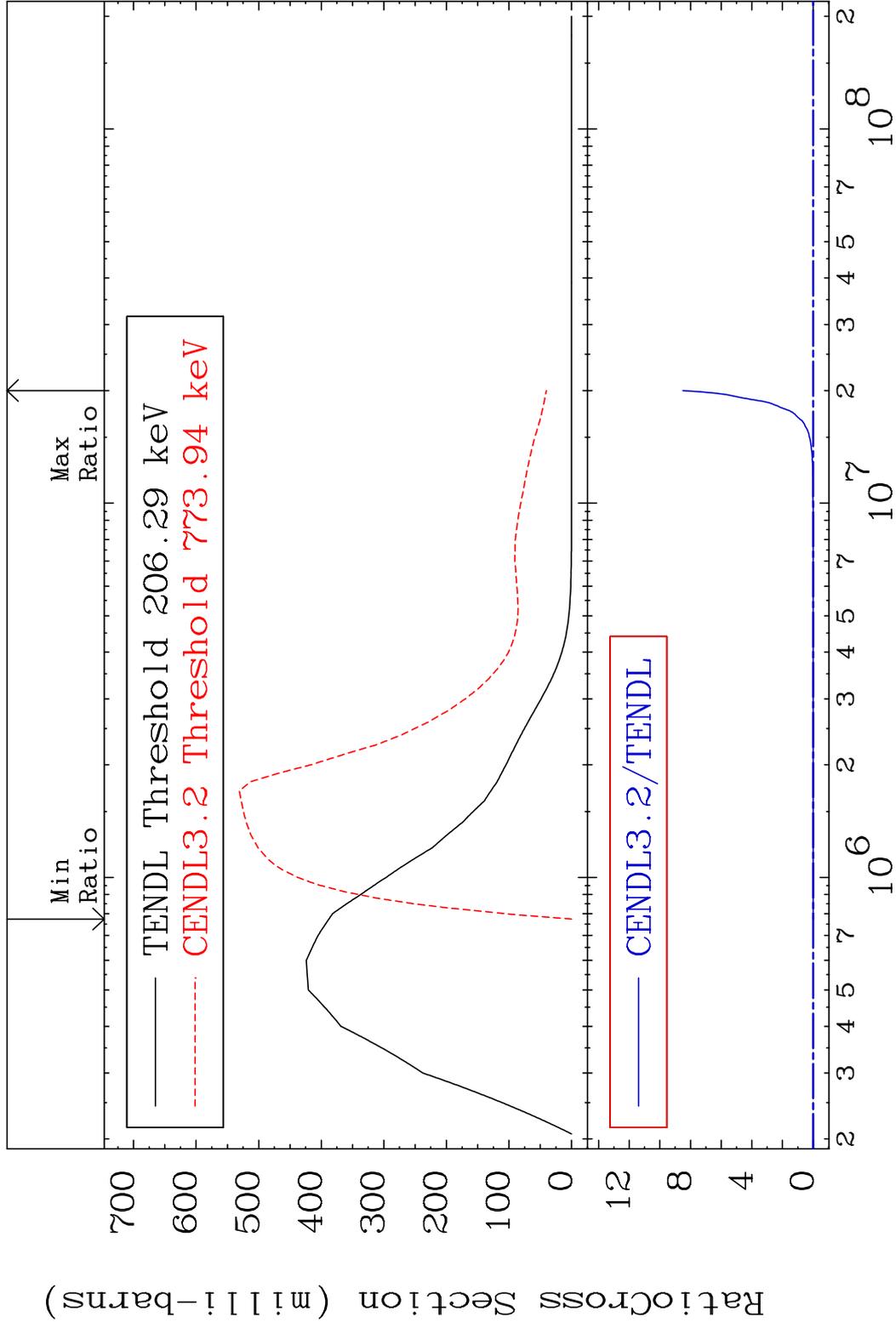
42-Mo-95

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

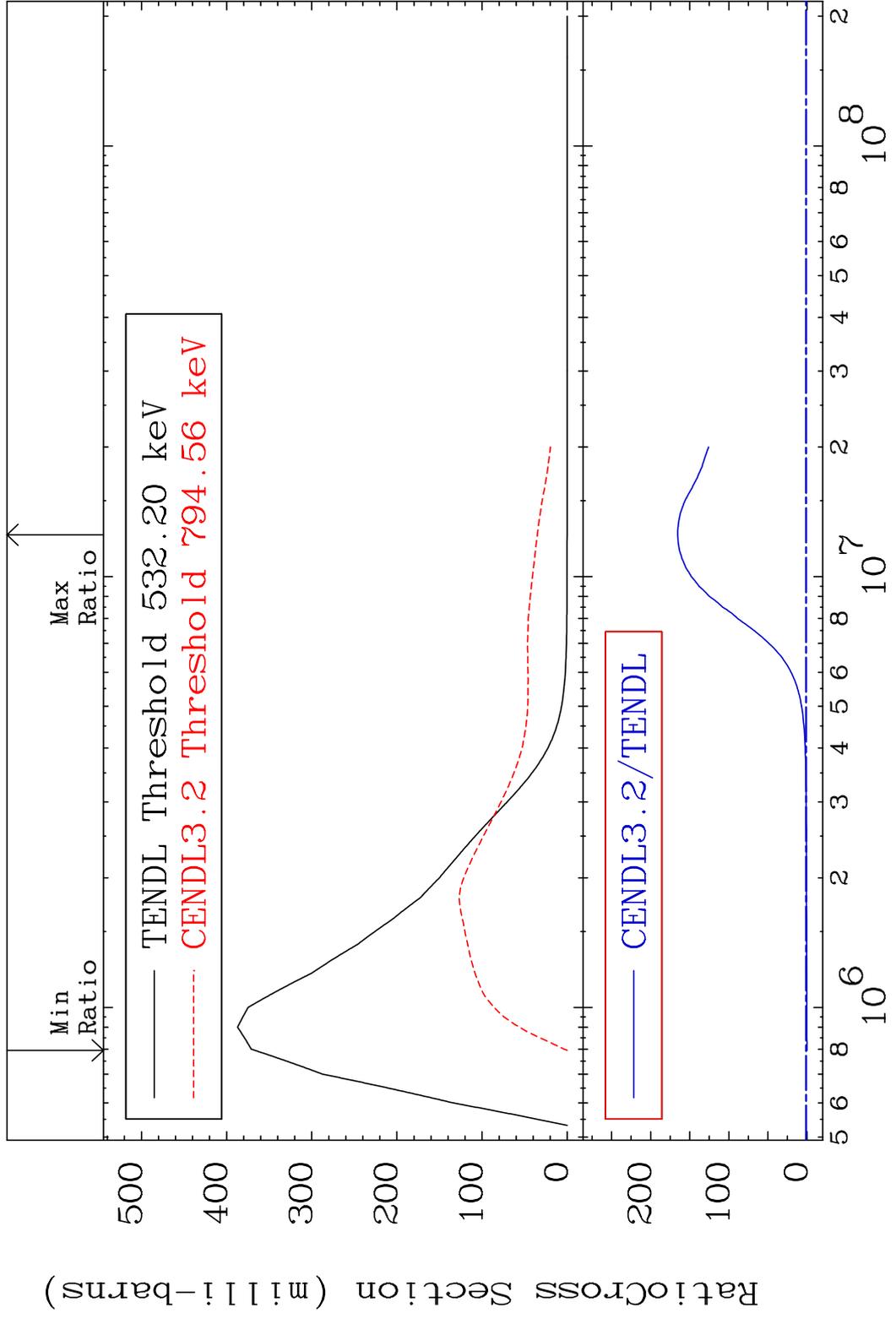


8 Incident Energy (eV) 42-Mo-95

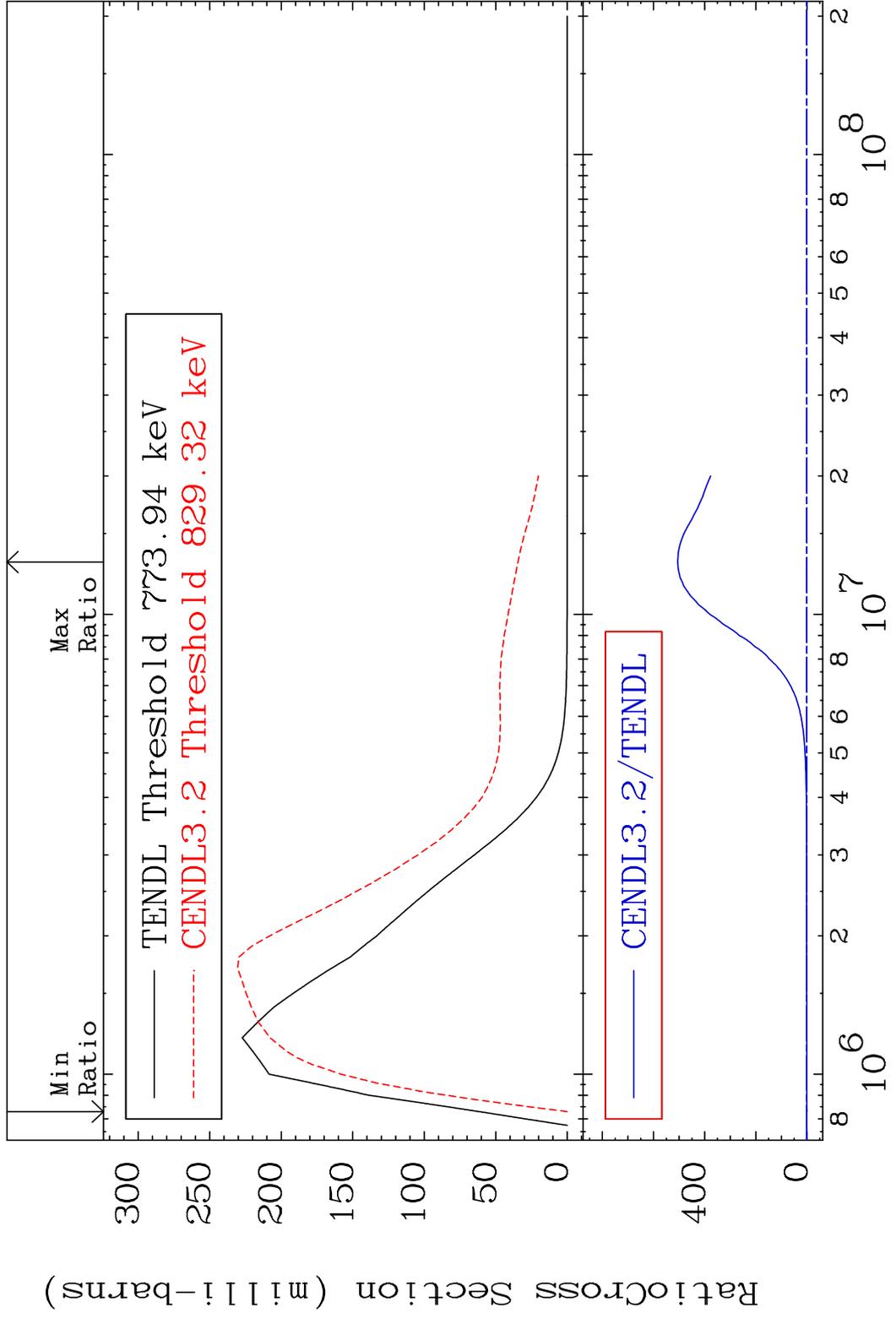
MAT 4234 MT= 52 (n,n') Level 42-Mo-95
 Cross Section -100.0 To 9999. %



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



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

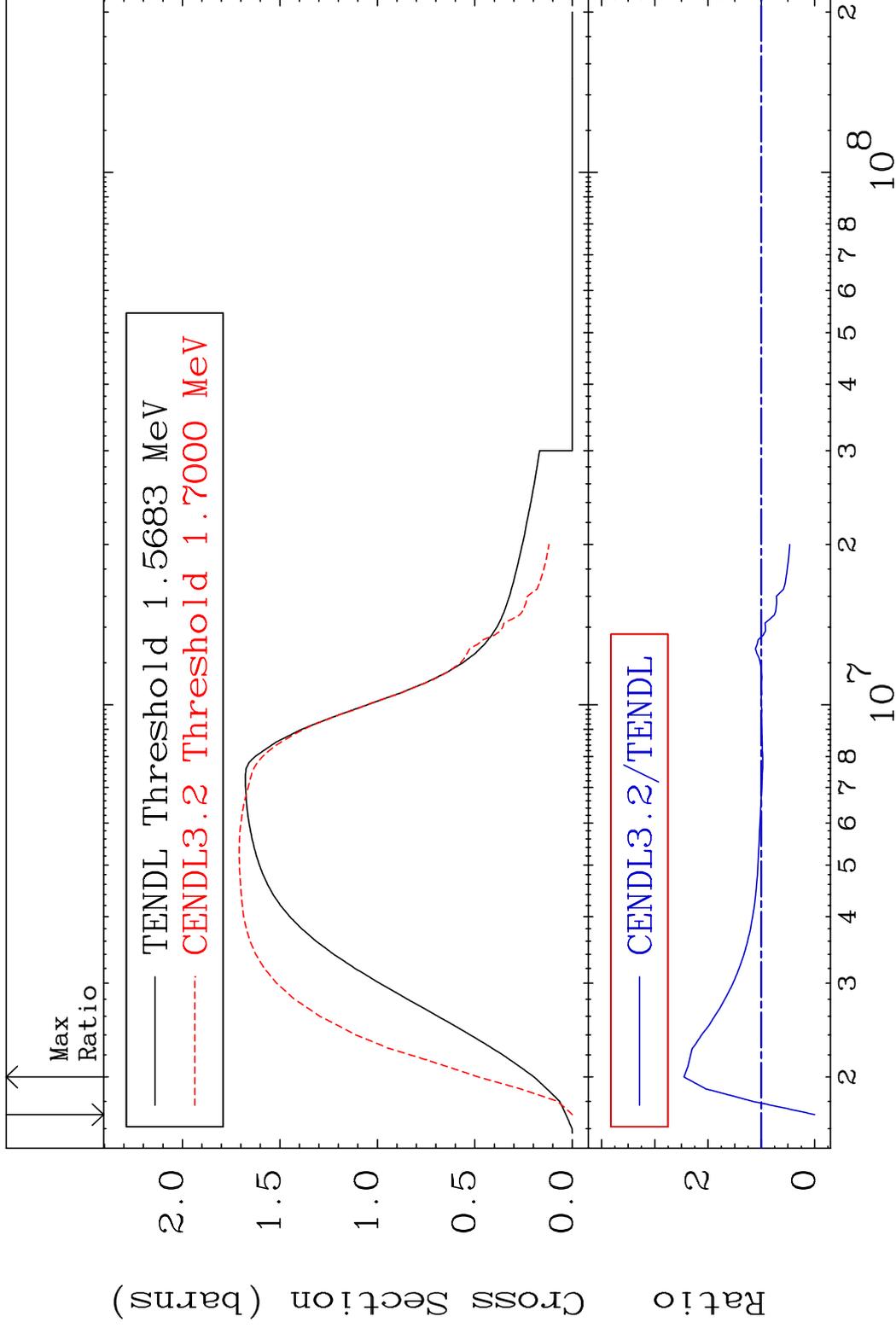


MAT 4234

(n, n') Continuum

42-Mo-95

Cross Section -100.0 To 145.3 %



12

Incident Energy (eV)

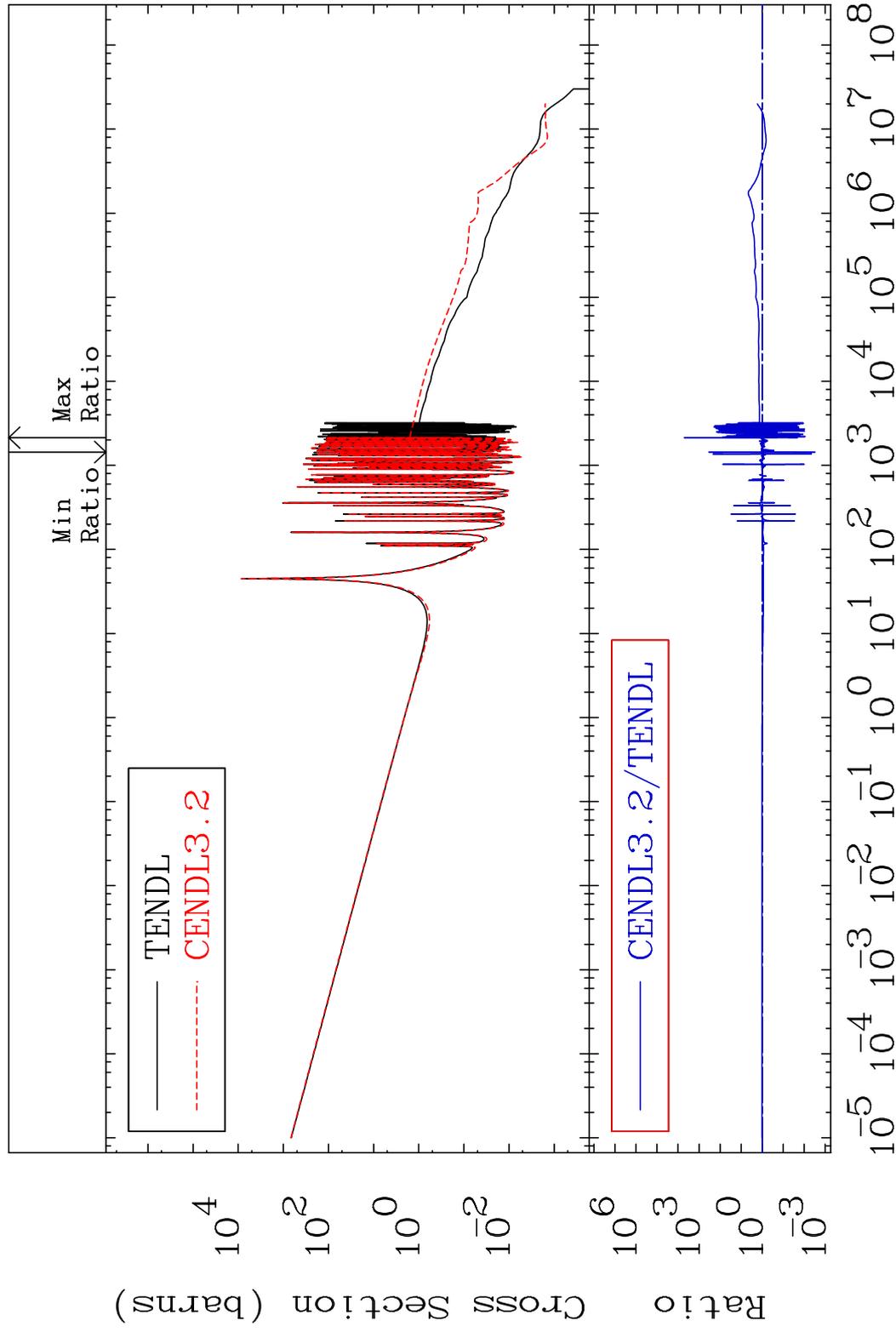
42-Mo-95

MAT 4234

(n, γ)

42-Mo-95

Cross Section -99.69 To 9999. %



13

Incident Energy (eV)

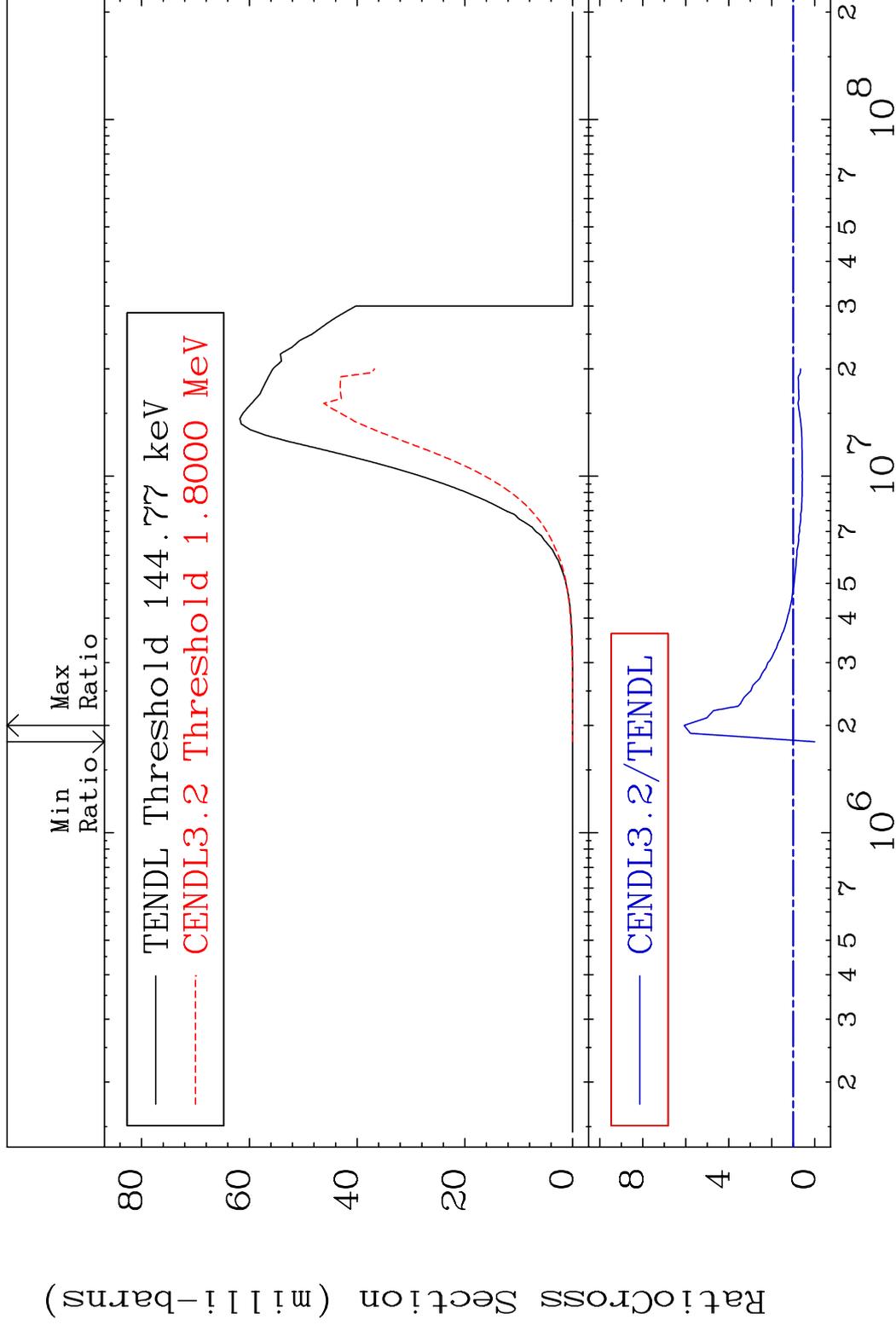
42-Mo-95

MAT 4234

(n, p)

42-Mo-95

Cross Section -100.0 To 507.5 %



14

Incident Energy (eV)

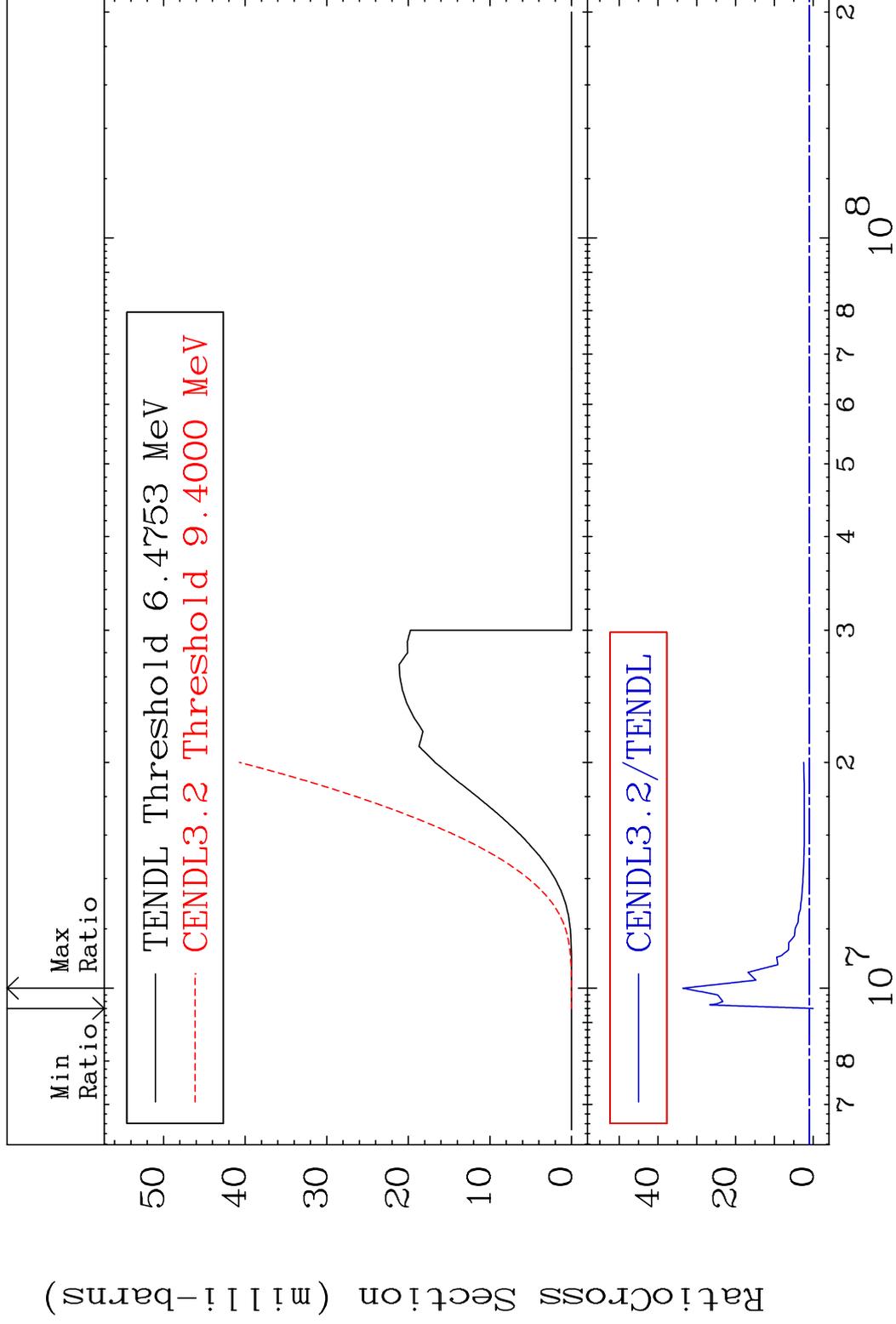
42-Mo-95

MAT 4234

(n,d)

42-Mo-95

Cross Section -100.0 To 3261. %



15

Incident Energy (eV)

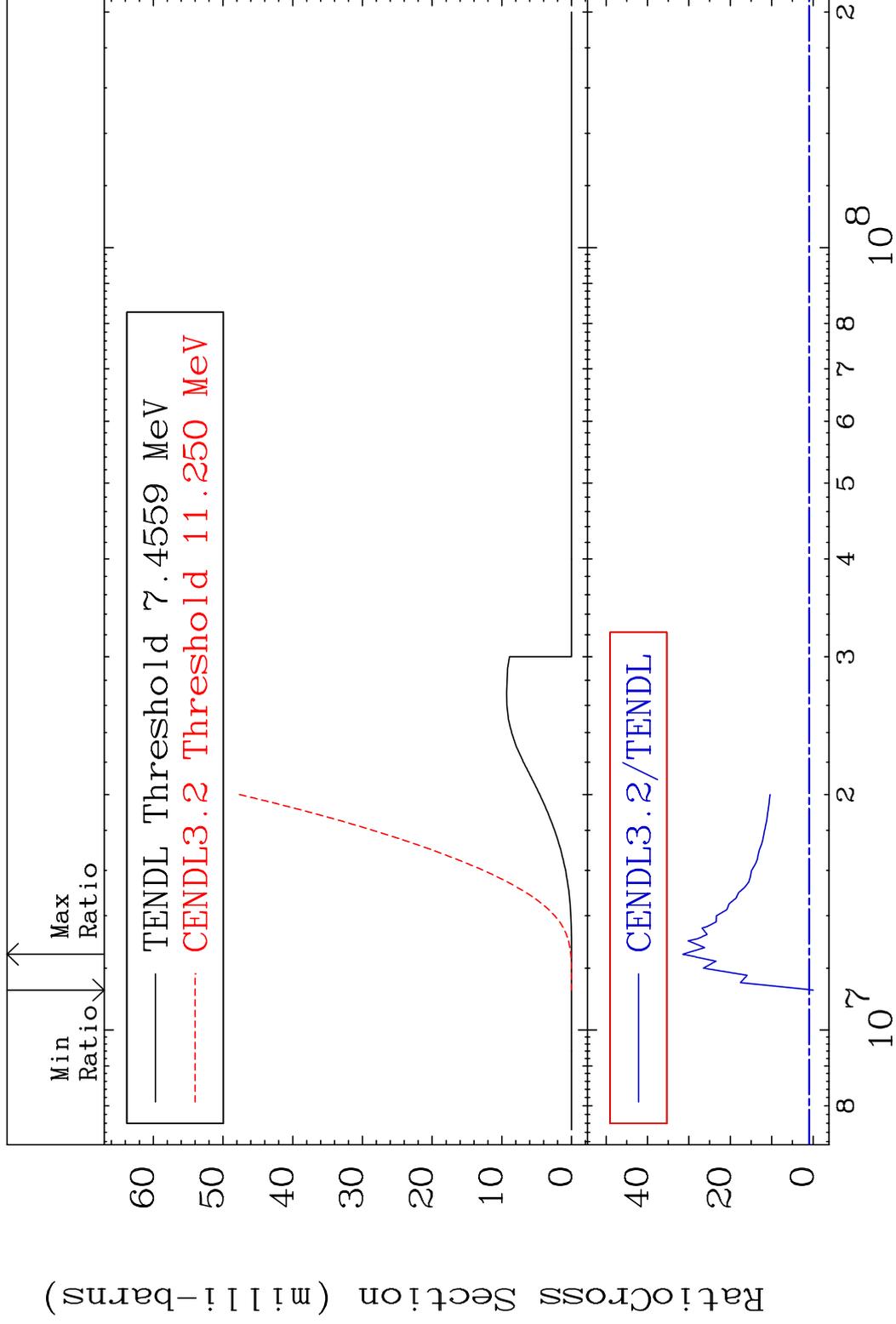
42-Mo-95

MAT 4234

(n, t)

42-Mo-95

Cross Section -100.0 To 3047. %



16

Incident Energy (eV)

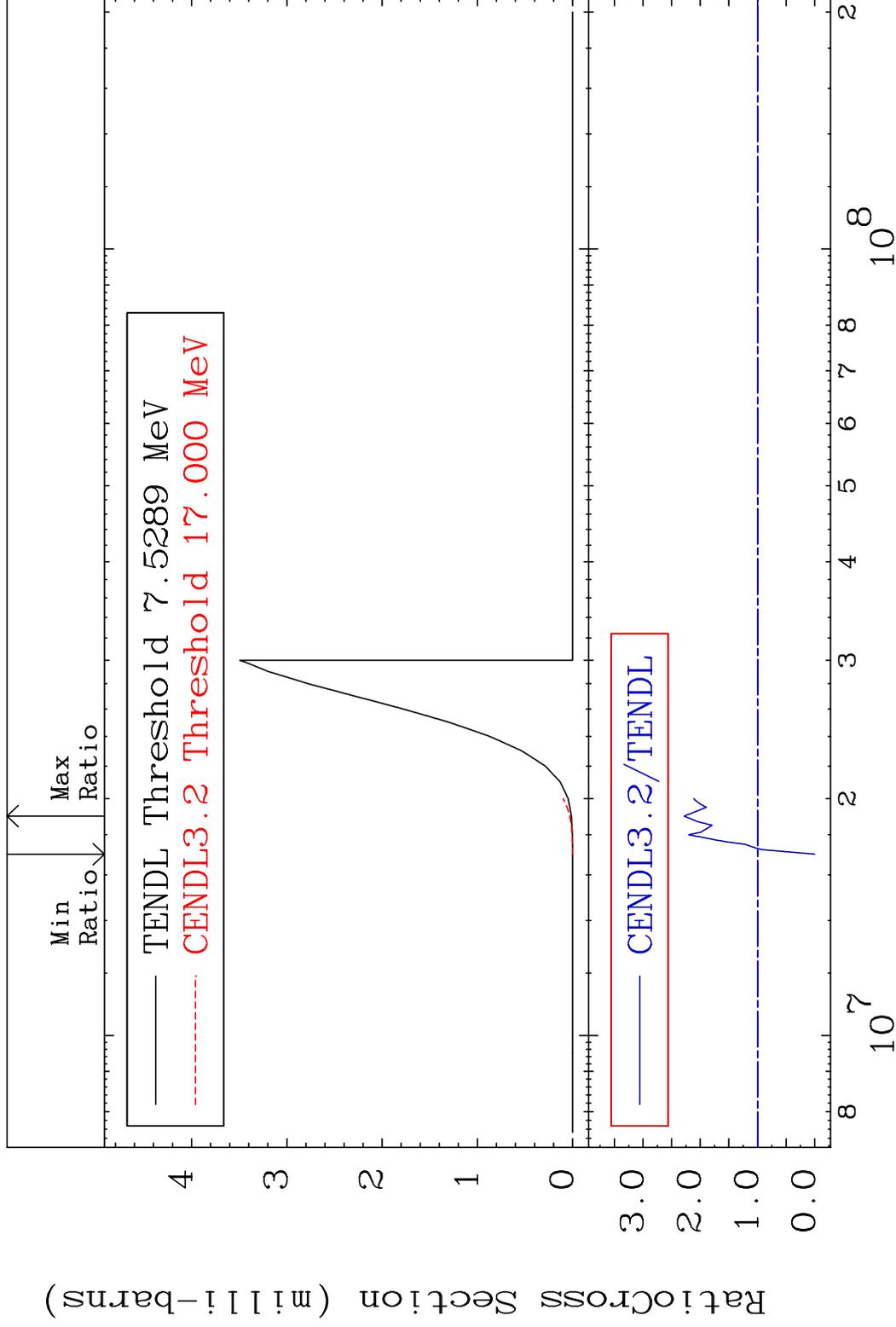
42-Mo-95

MAT 4234

(n, He-3)

42-Mo-95

Cross Section -100.0 To 128.2 %



17

Incident Energy (eV)

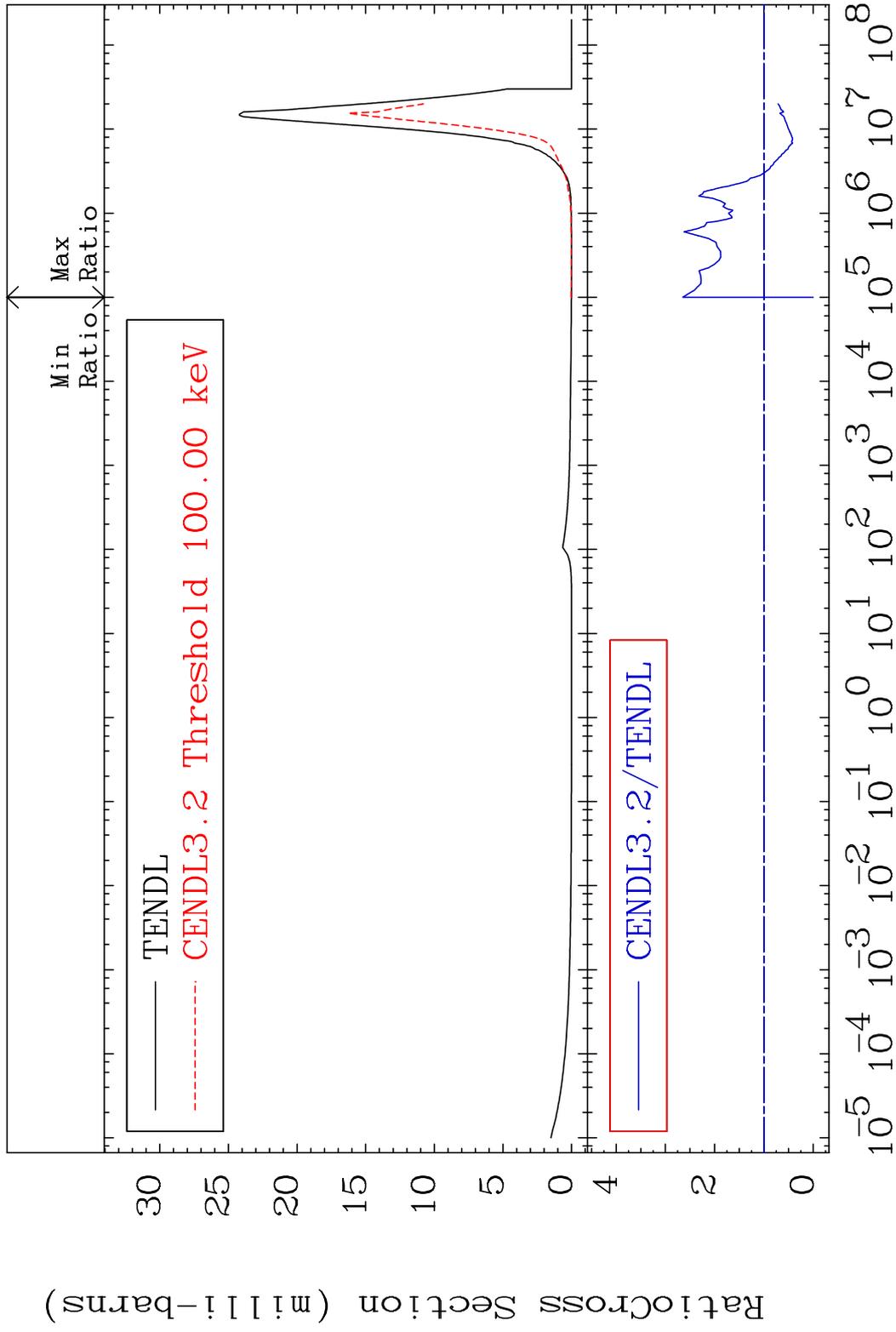
42-Mo-95

MAT 4234

(n, α)

42-Mo-95

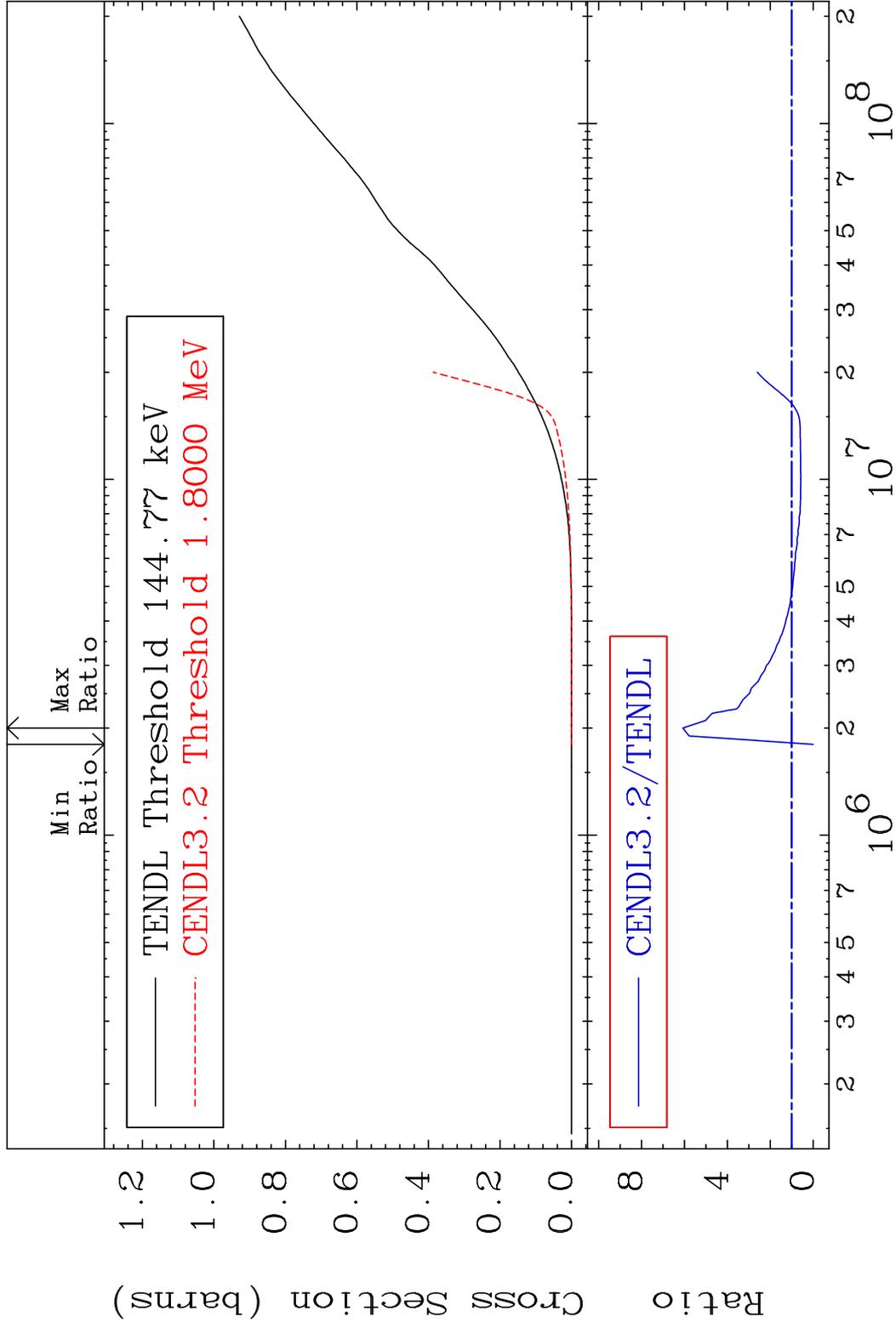
Cross Section -100.0 To 164.6 %



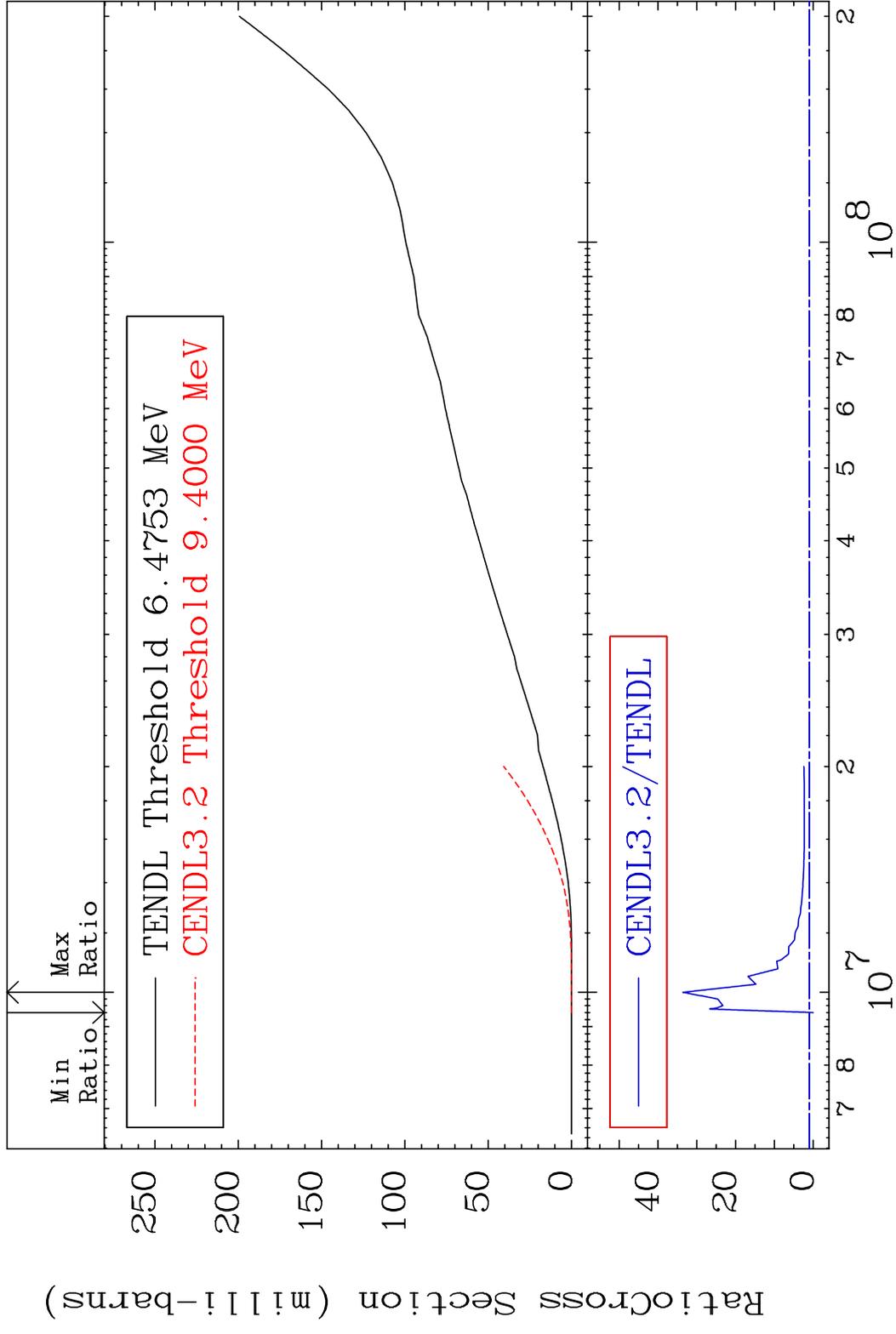
18

Incident Energy (eV)

42-Mo-95



MAT 4234 Deuterium Production 42-Mo-95
 Cross Section -100.0 To 3261. %



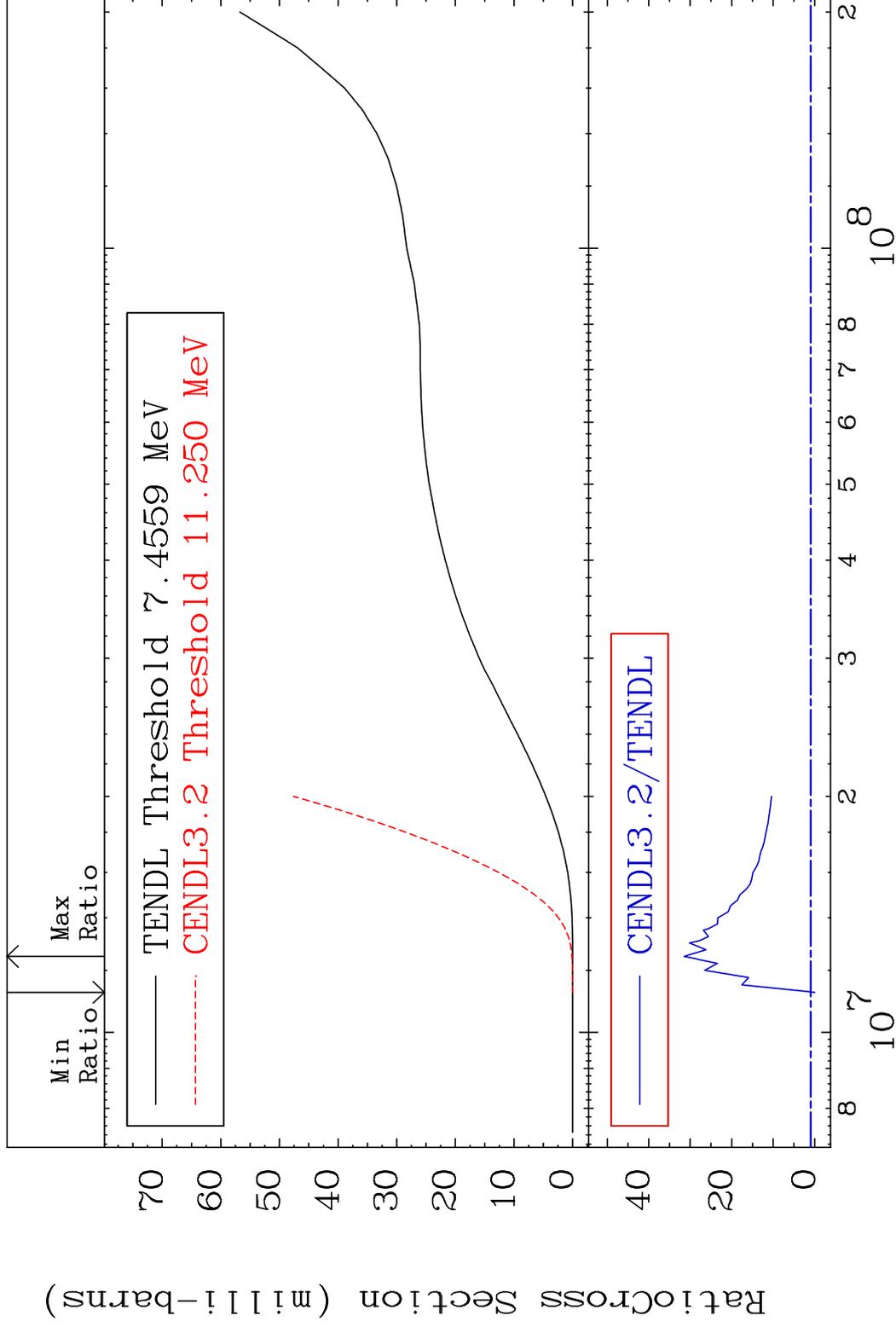
20 42-Mo-95

MAT 4234

Tritium Production

42-Mo-95

Cross Section -100.0 To 3047. %



21

Incident Energy (eV)

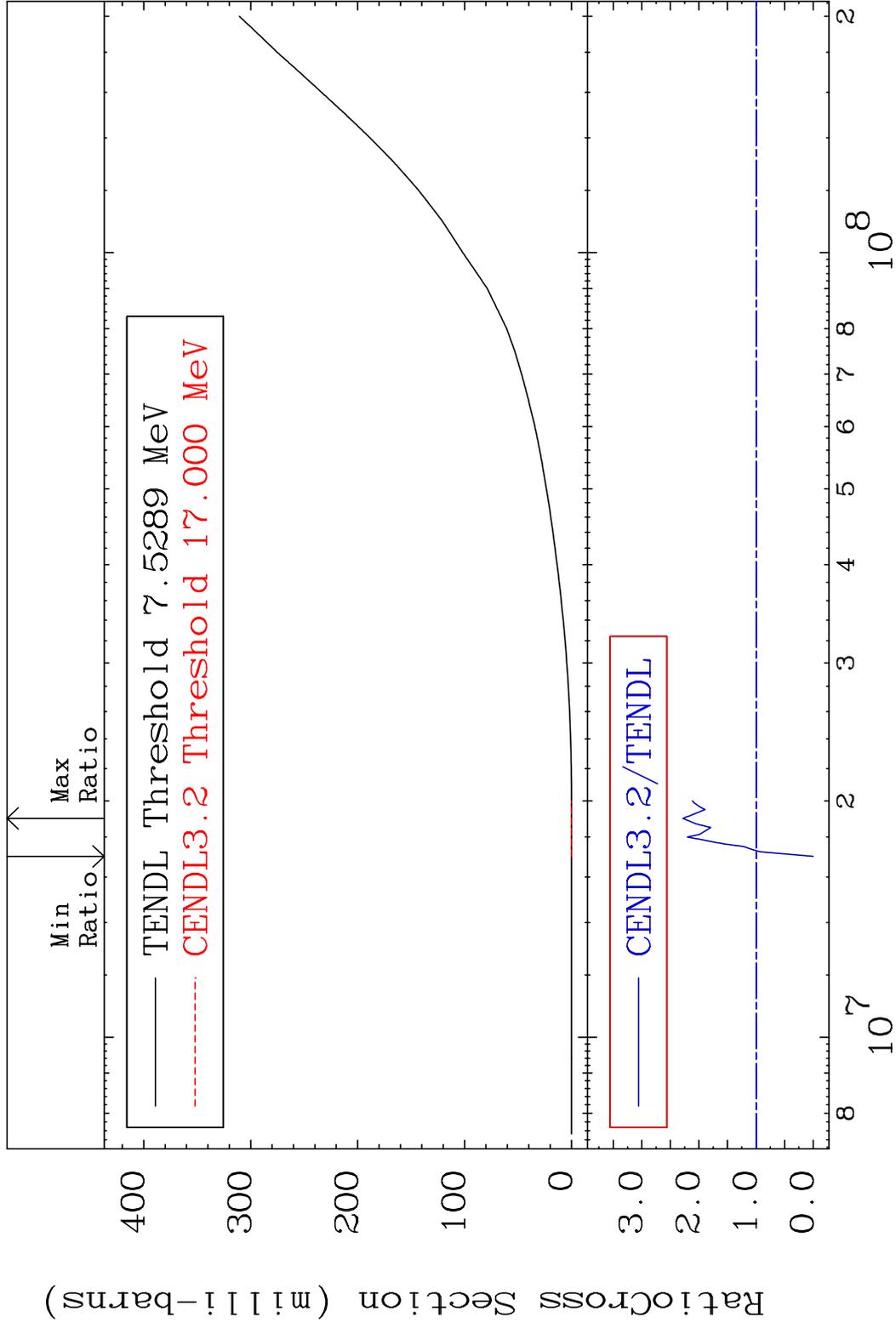
42-Mo-95

MAT 4234

He-3 Production

42-Mo-95

Cross Section -100.0 To 128.2 %



22

Incident Energy (eV)

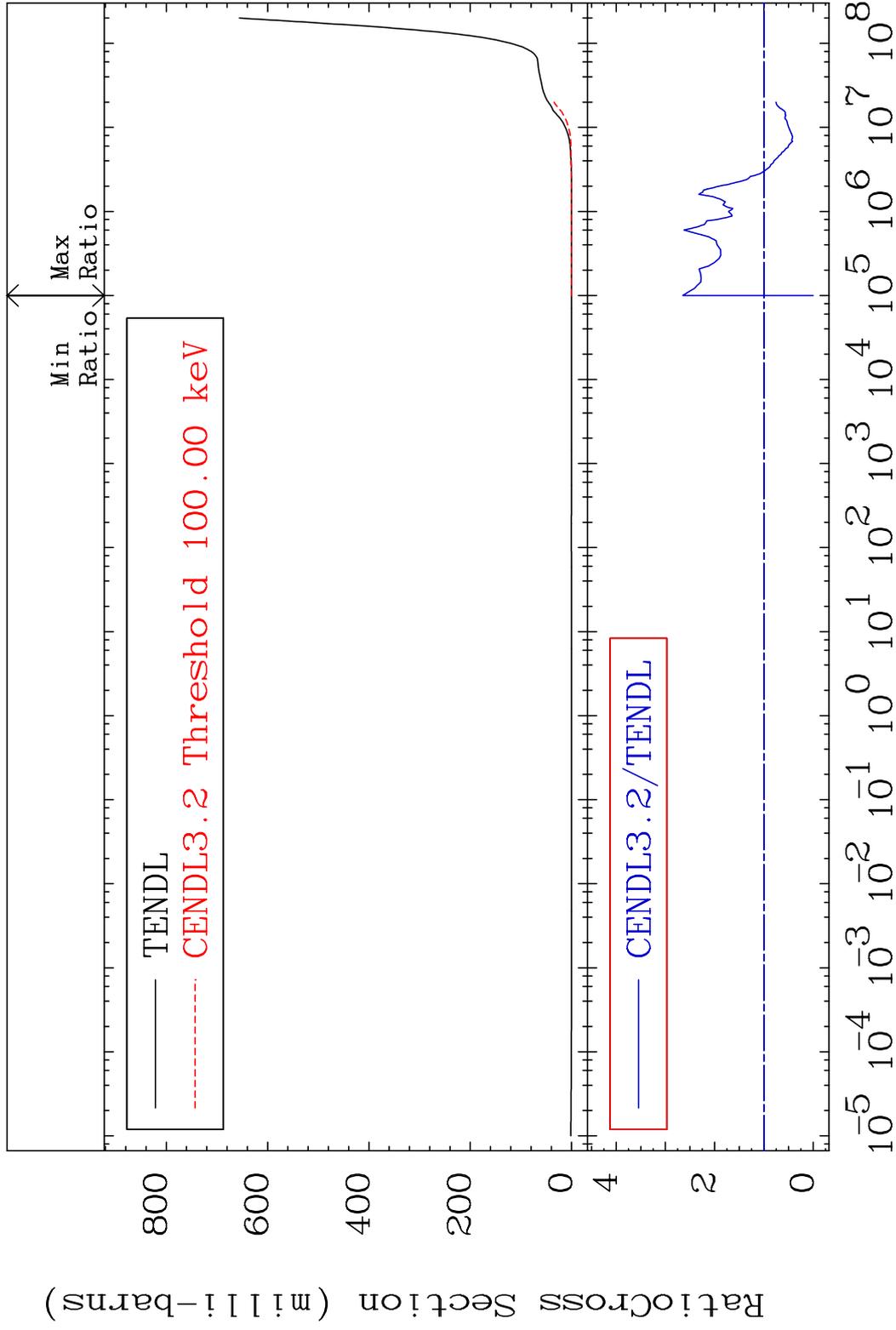
42-Mo-95

MAT 4234

He-4 Production

42-Mo-95

Cross Section -100.0 To 164.6 %

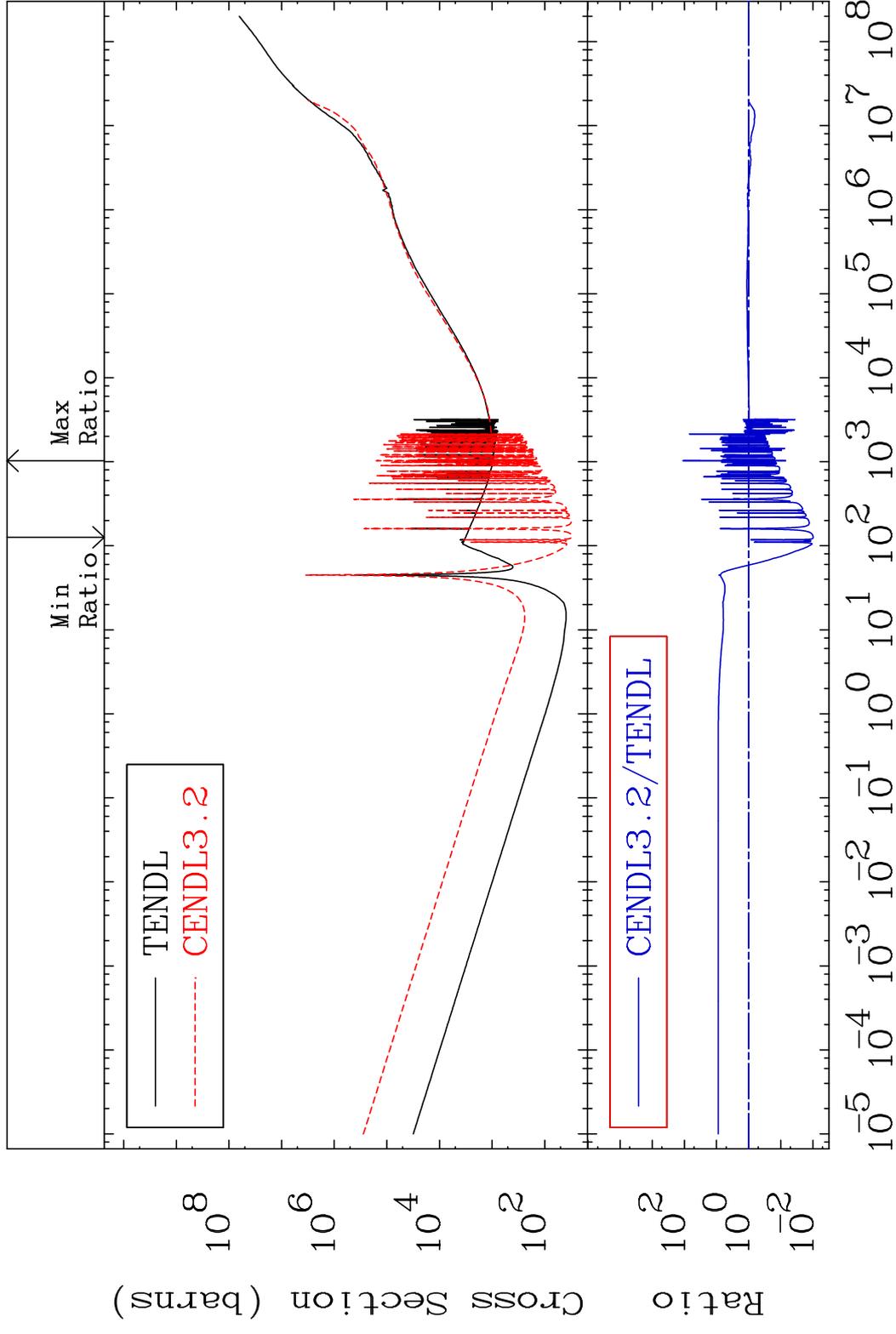


23

Incident Energy (eV)

42-Mo-95

MAT 4234 Kerma total (eV-barns) 42-Mo-95
 Cross Section -99.02 To 9999. %

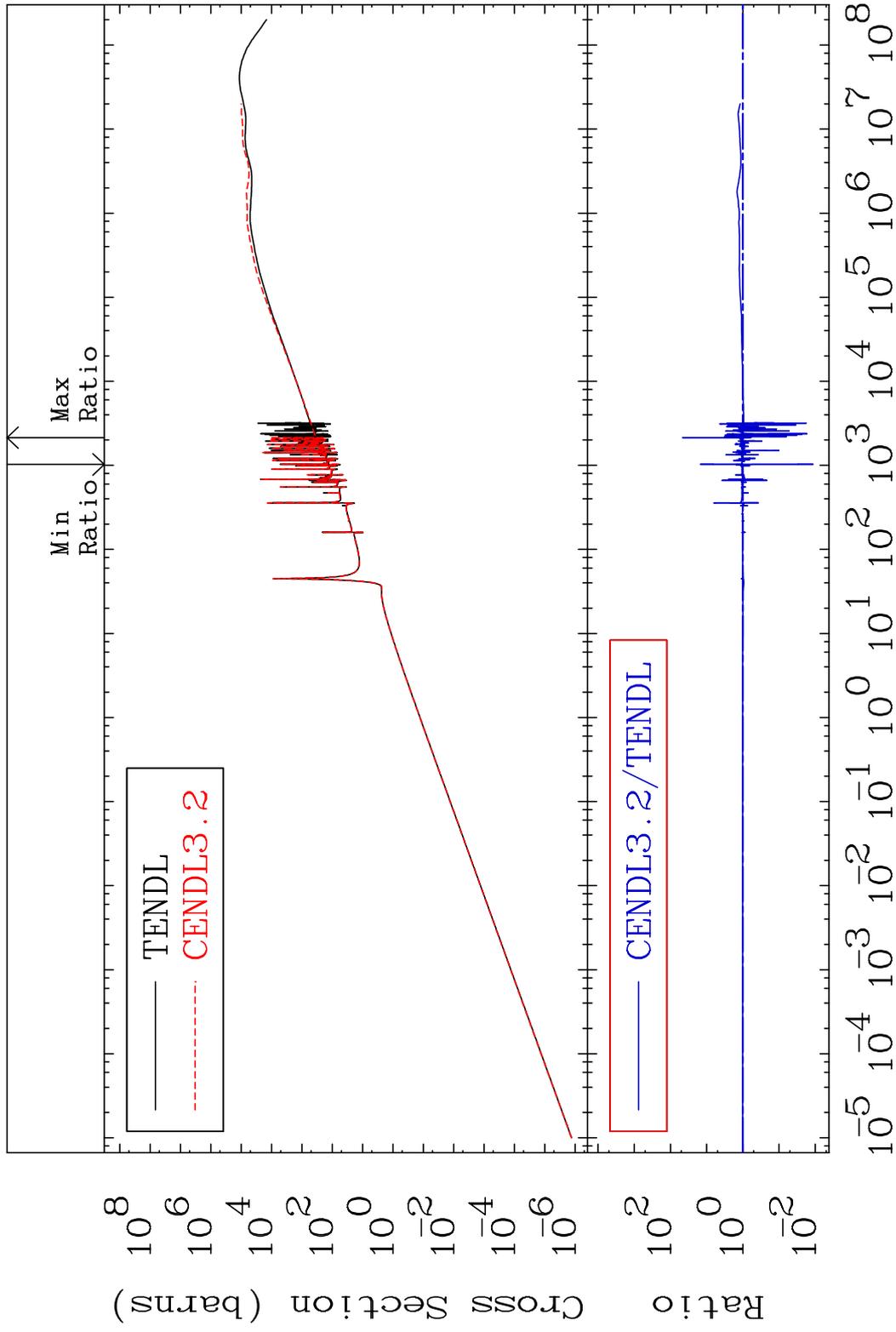


MAT 4234

Kerma elastic

42-Mo-95

Cross Section -98.86 To 4448. %

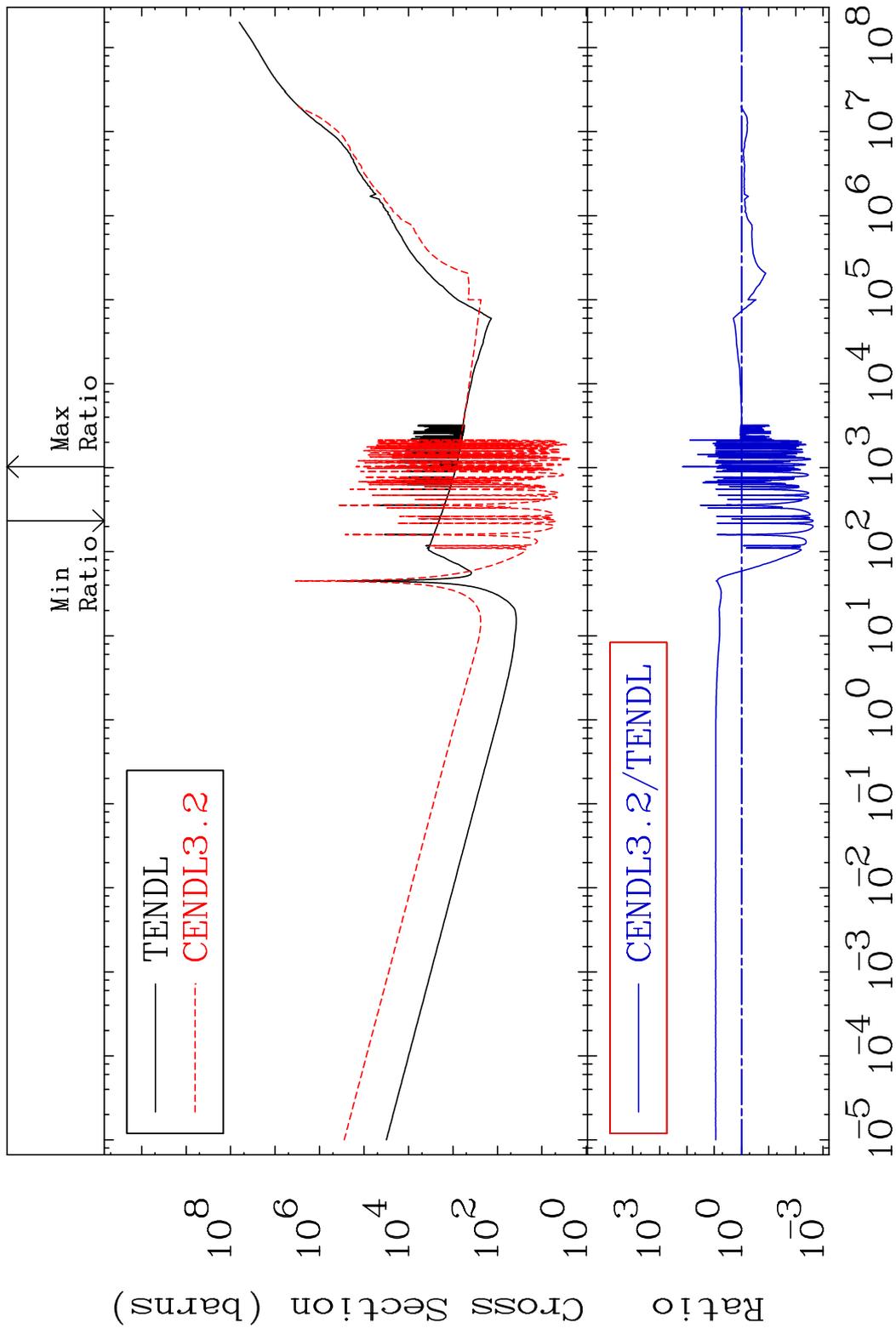


25

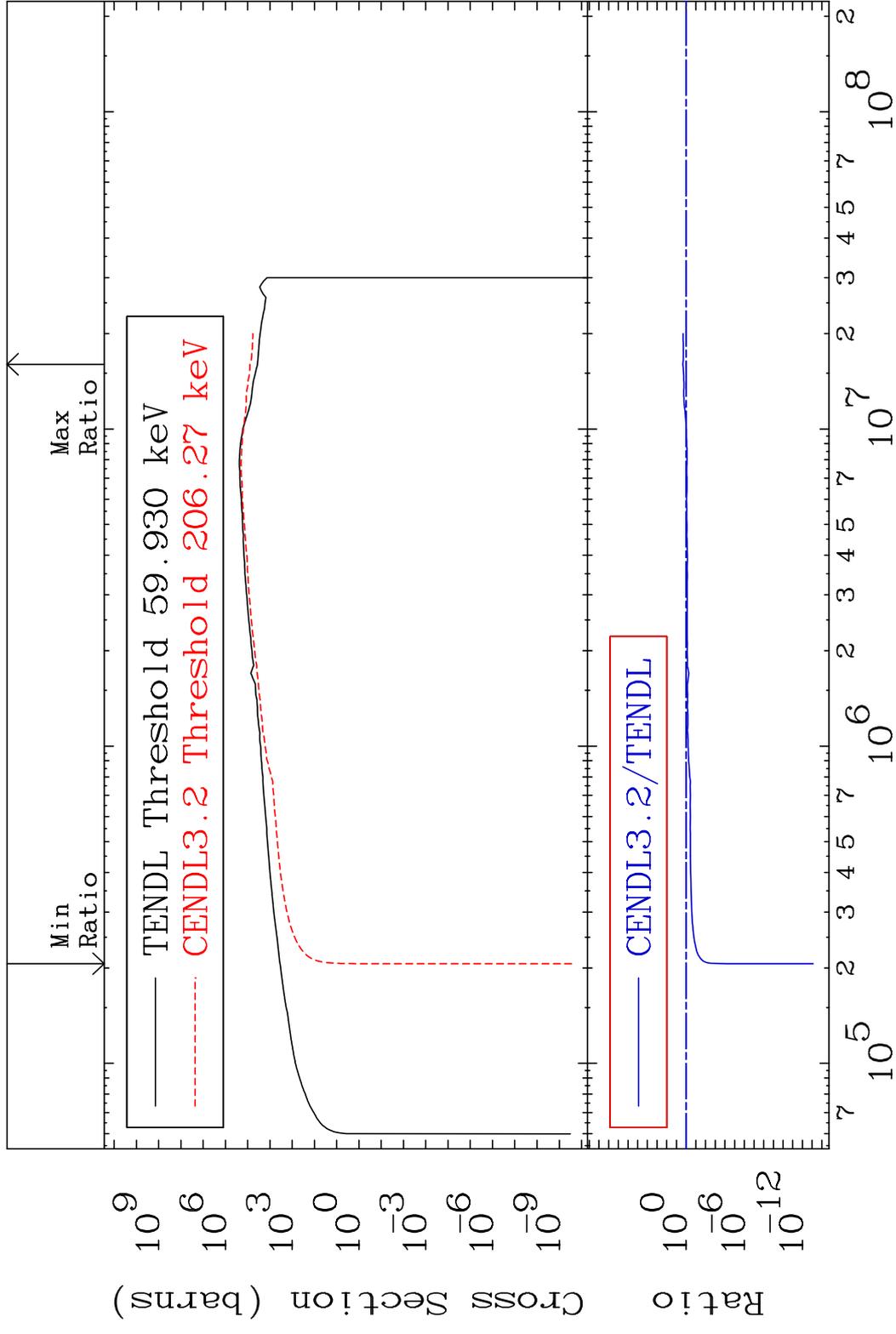
Incident Energy (eV)

42-Mo-95

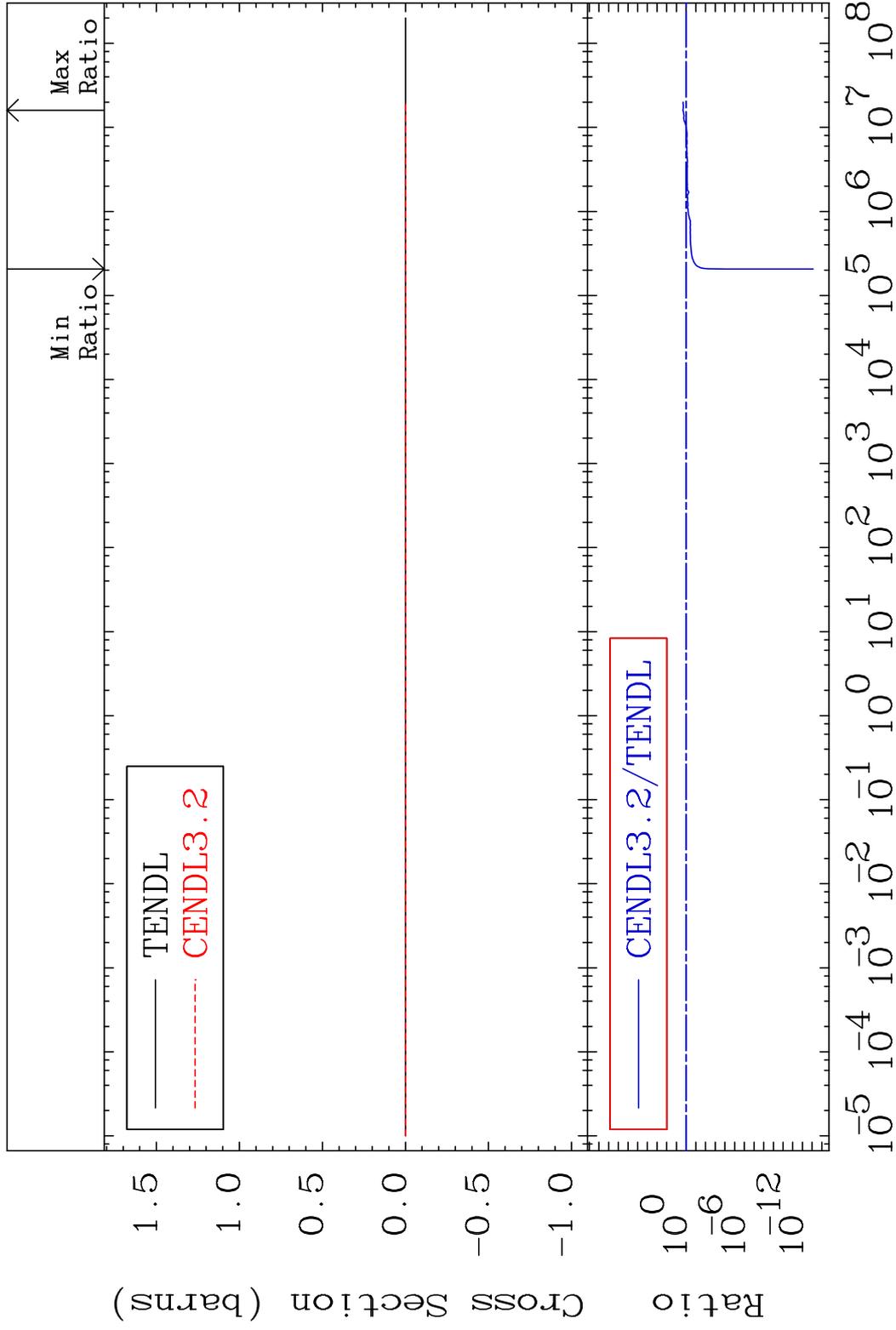
MAT 4234 Kerma non-elastic (all but mt2) 42-Mo-95
 Cross Section -99.77 To 9999. %



MAT 4234 Kerma inelastic (mt51-91) 42-Mo-95
 Cross Section -100.0 To 119.2 %

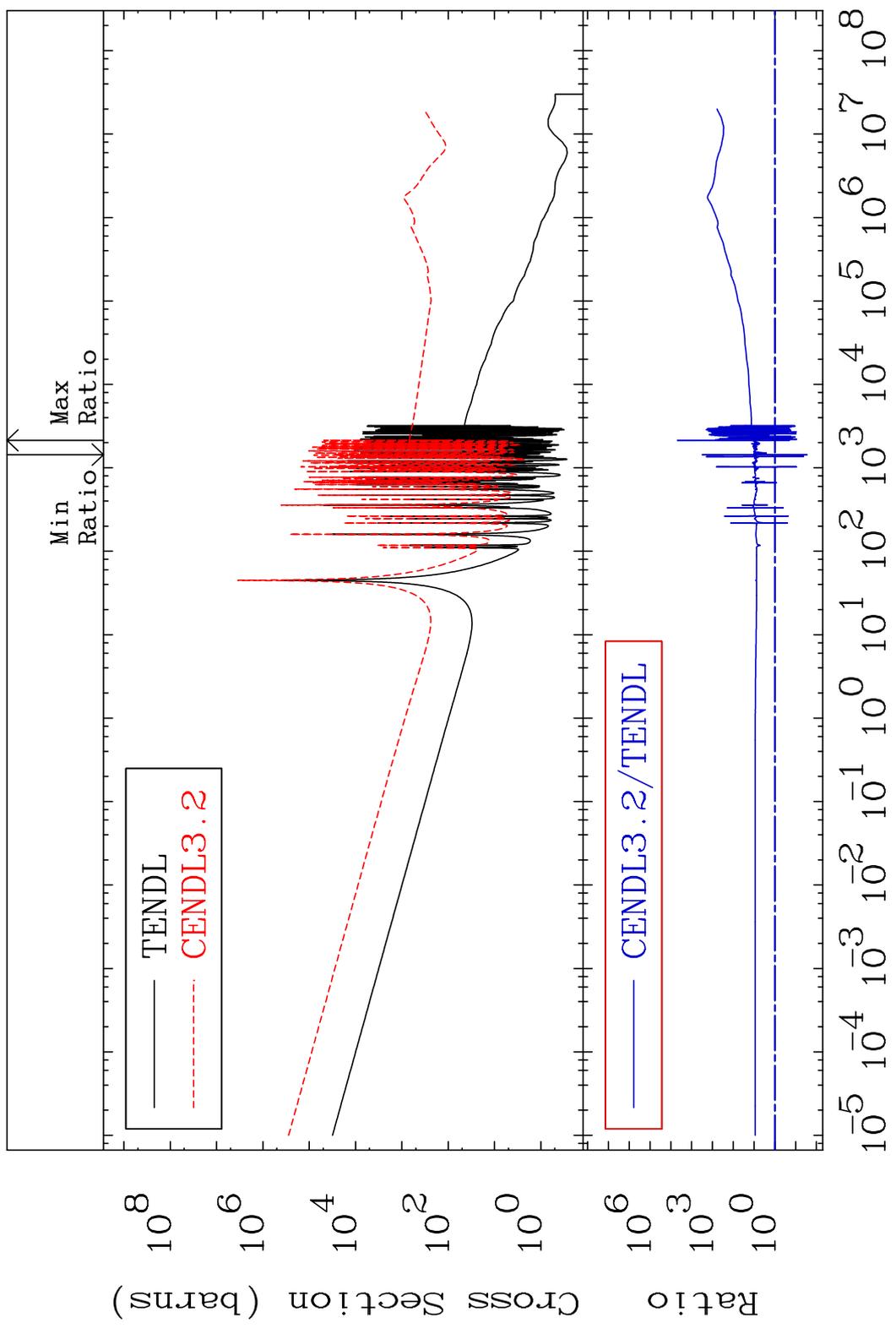


MAT 4234 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-95
 Cross Section -100.0 To 119.2 %



MAT 4234

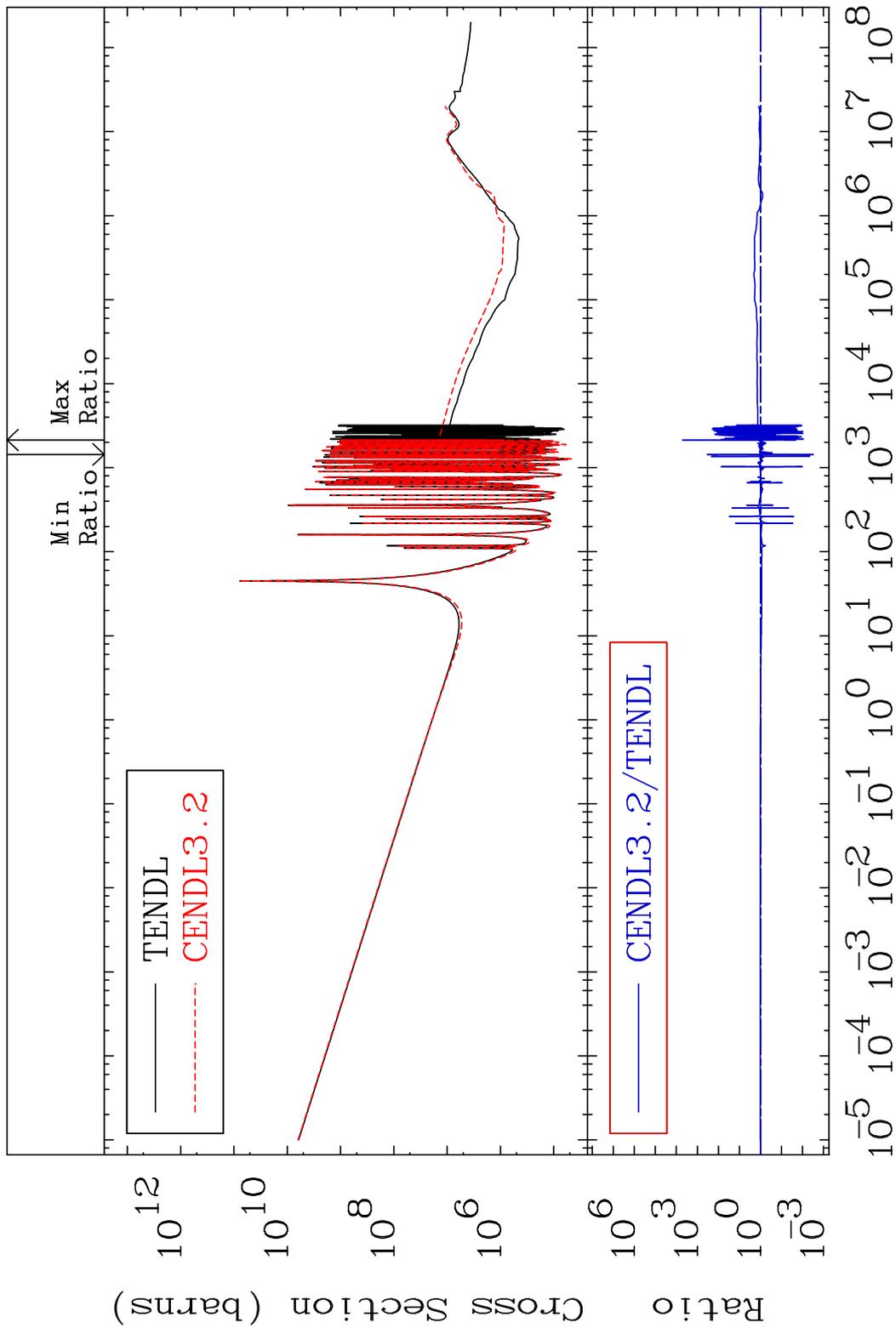
Kerma capture (mt102) 42-Mo-95
Cross Section -97.16 To 9999. %



29

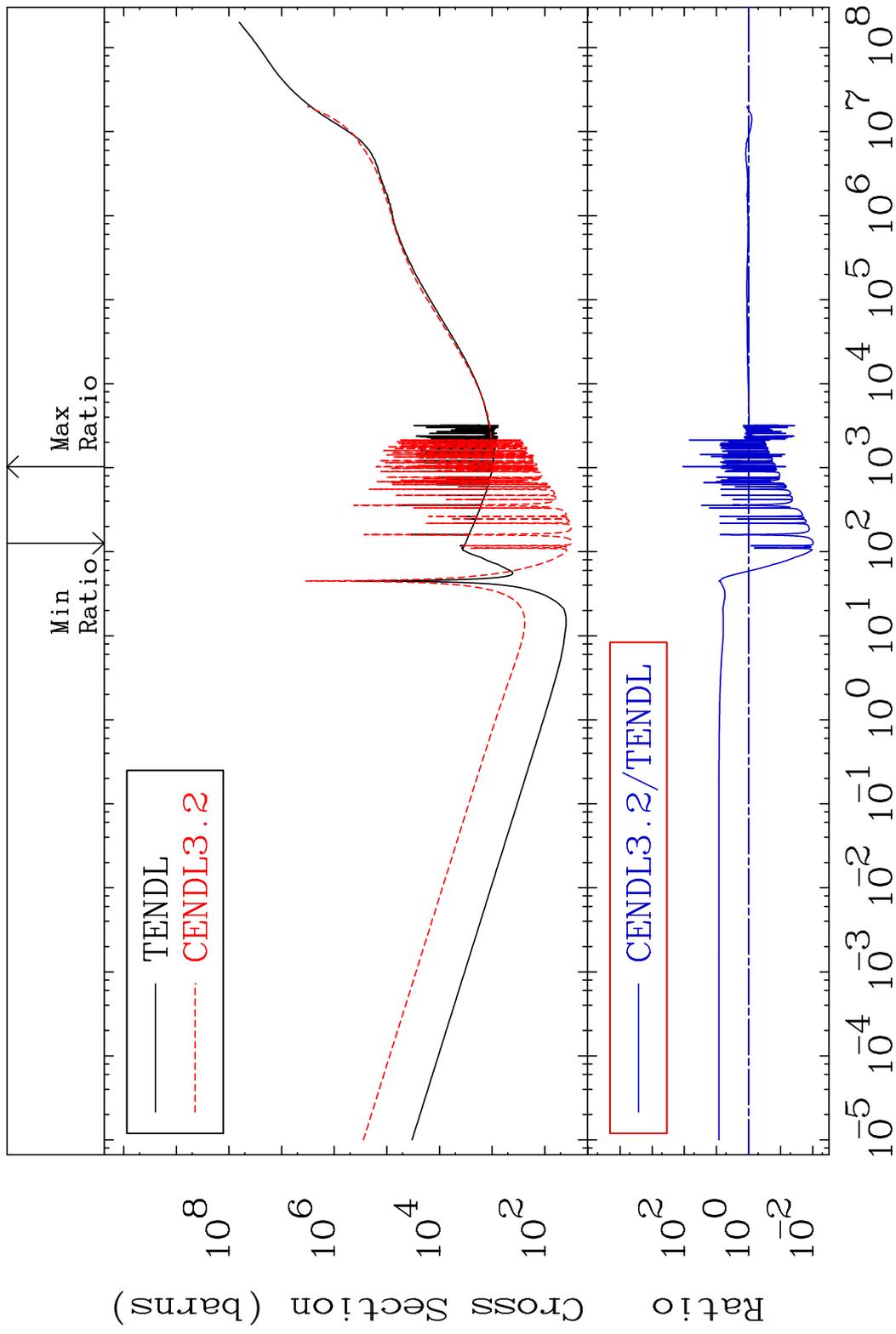
Incident Energy (eV) 42-Mo-95

MAT 4234 Total photon (eV-barns) 42-Mo-95
Cross Section -99.69 To 9999. %

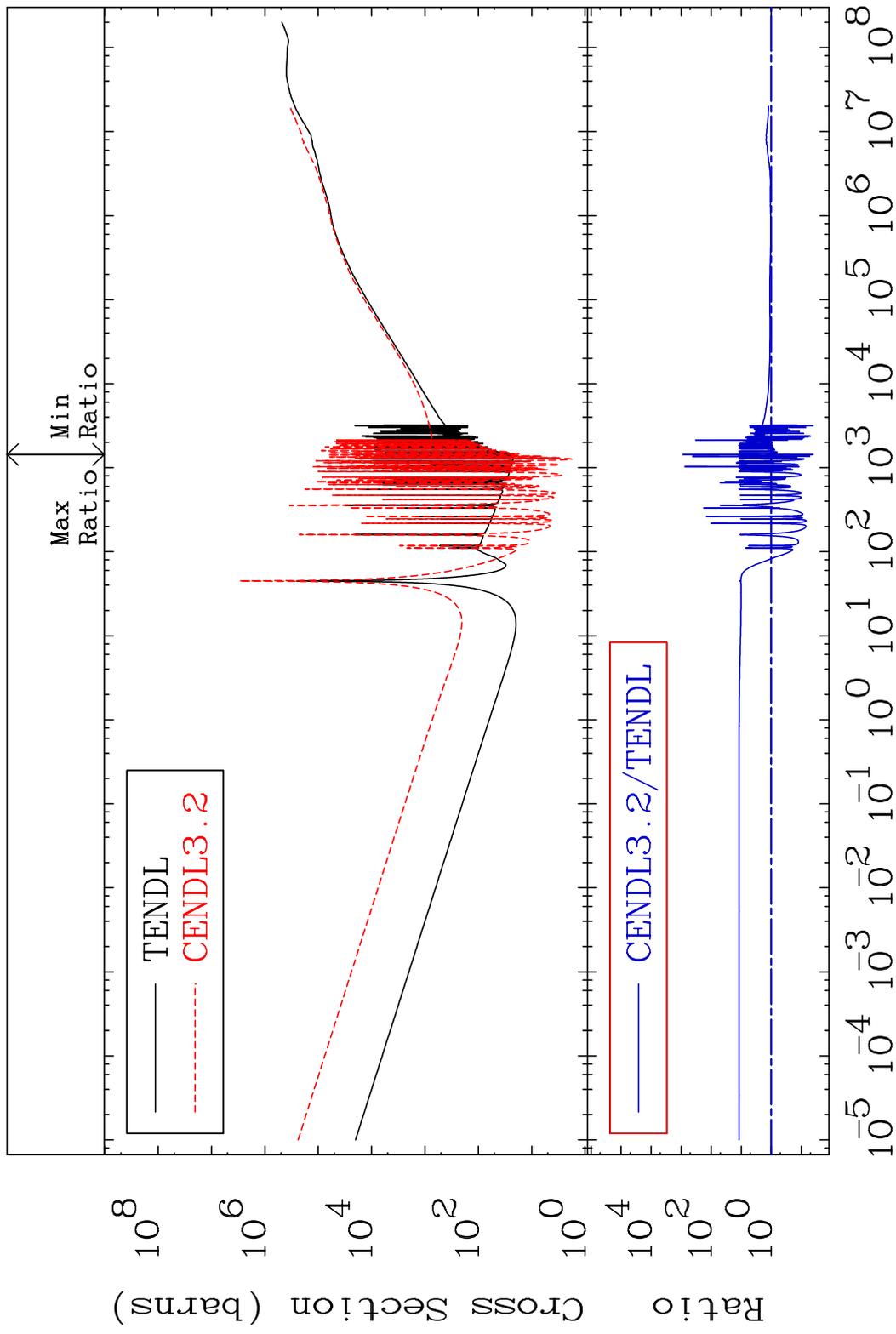


30 Incident Energy (eV) 42-Mo-95

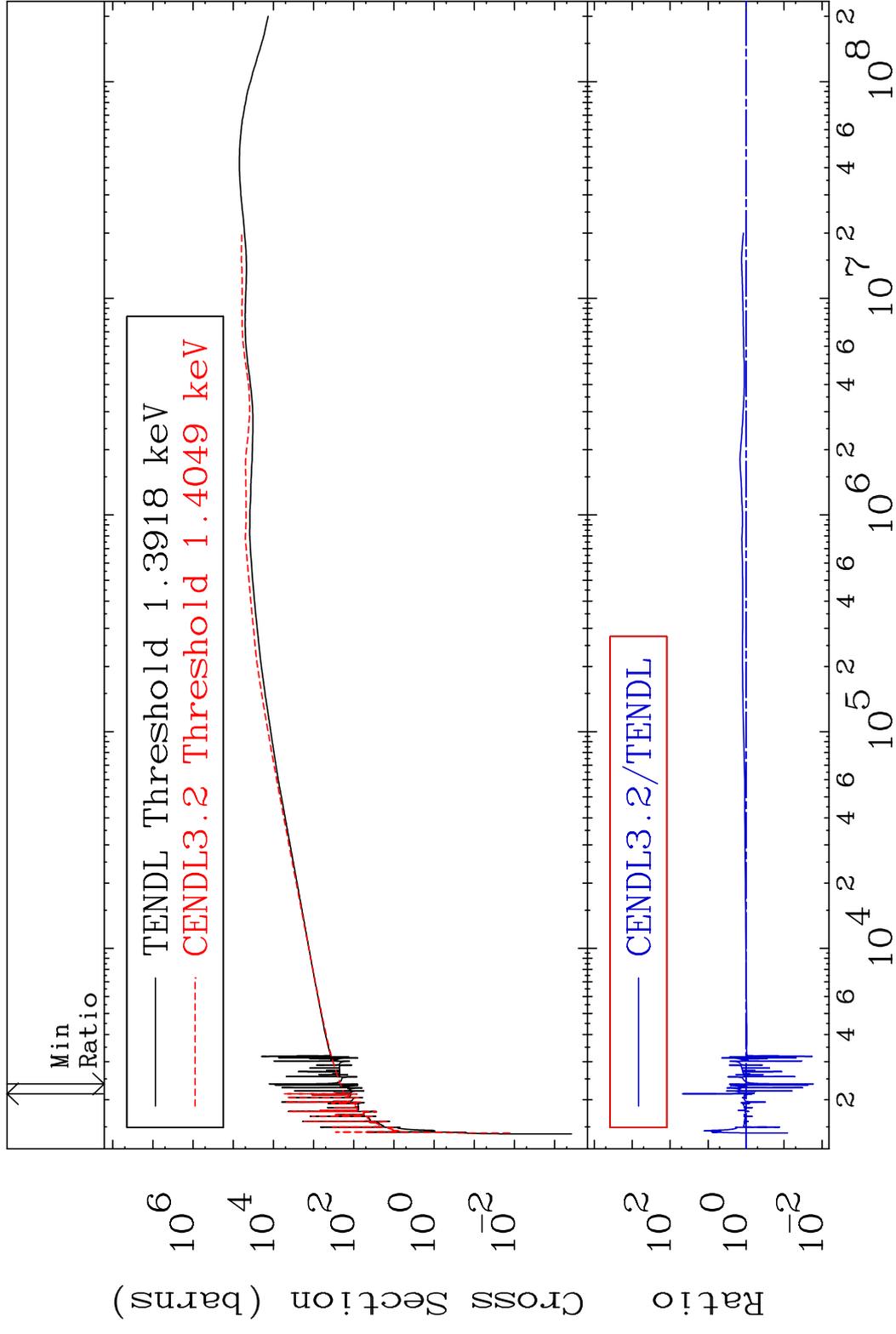
MAT 4234 Total kinematic kerma (high limit) 42-Mo-95
 Cross Section -99.03 To 9999. %



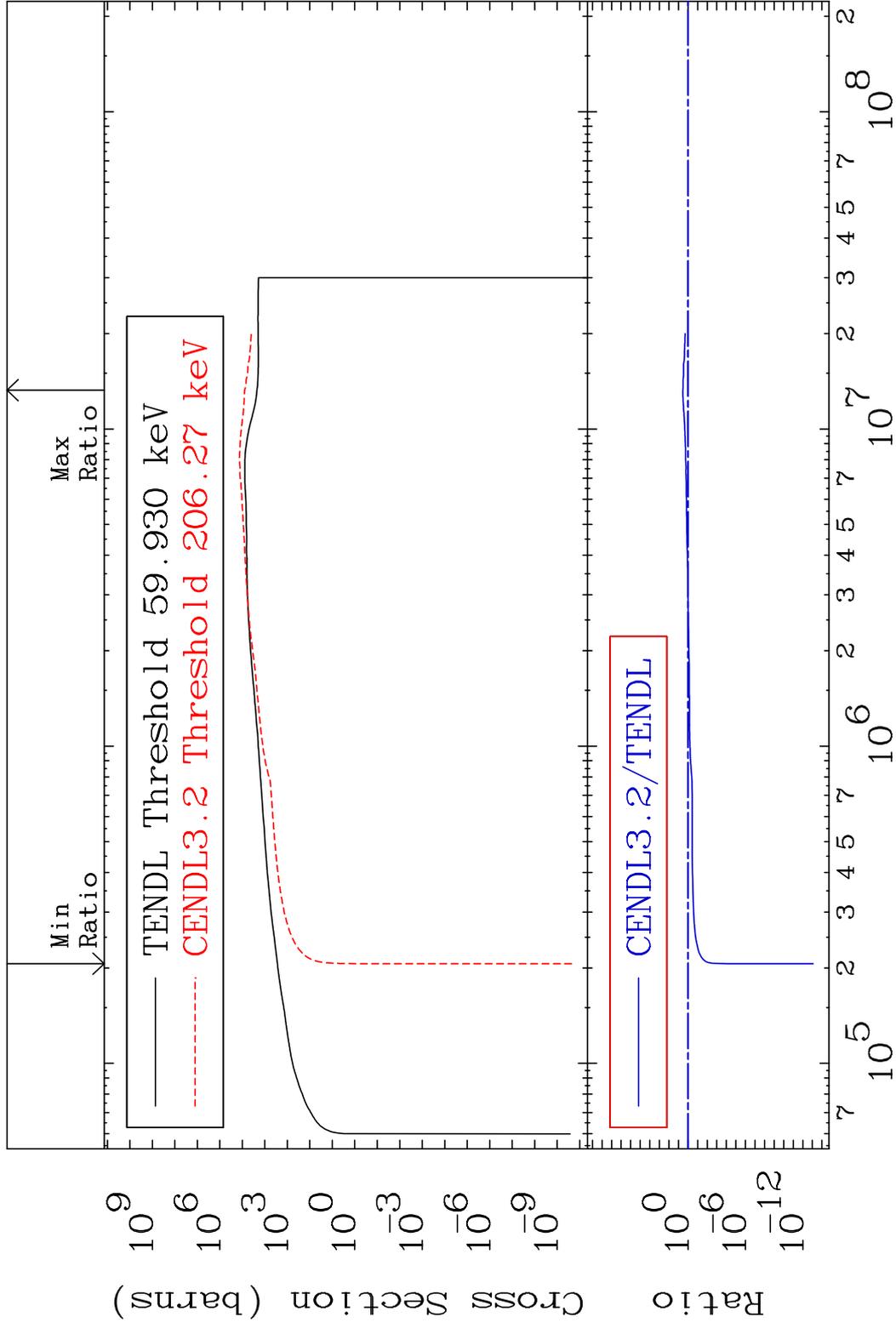
MAT 4234 Dpa total (eV-barns) 42-Mo-95
 Cross Section -95.97 To 9999. %



MAT 4234 Dpa elastic (mt2) 42-Mo-95
 Cross Section -98.28 To 4539. %



MAT 4234 Dpa inelastic (mt51-91) 42-Mo-95
 Cross Section -100.0 To 251.7 %

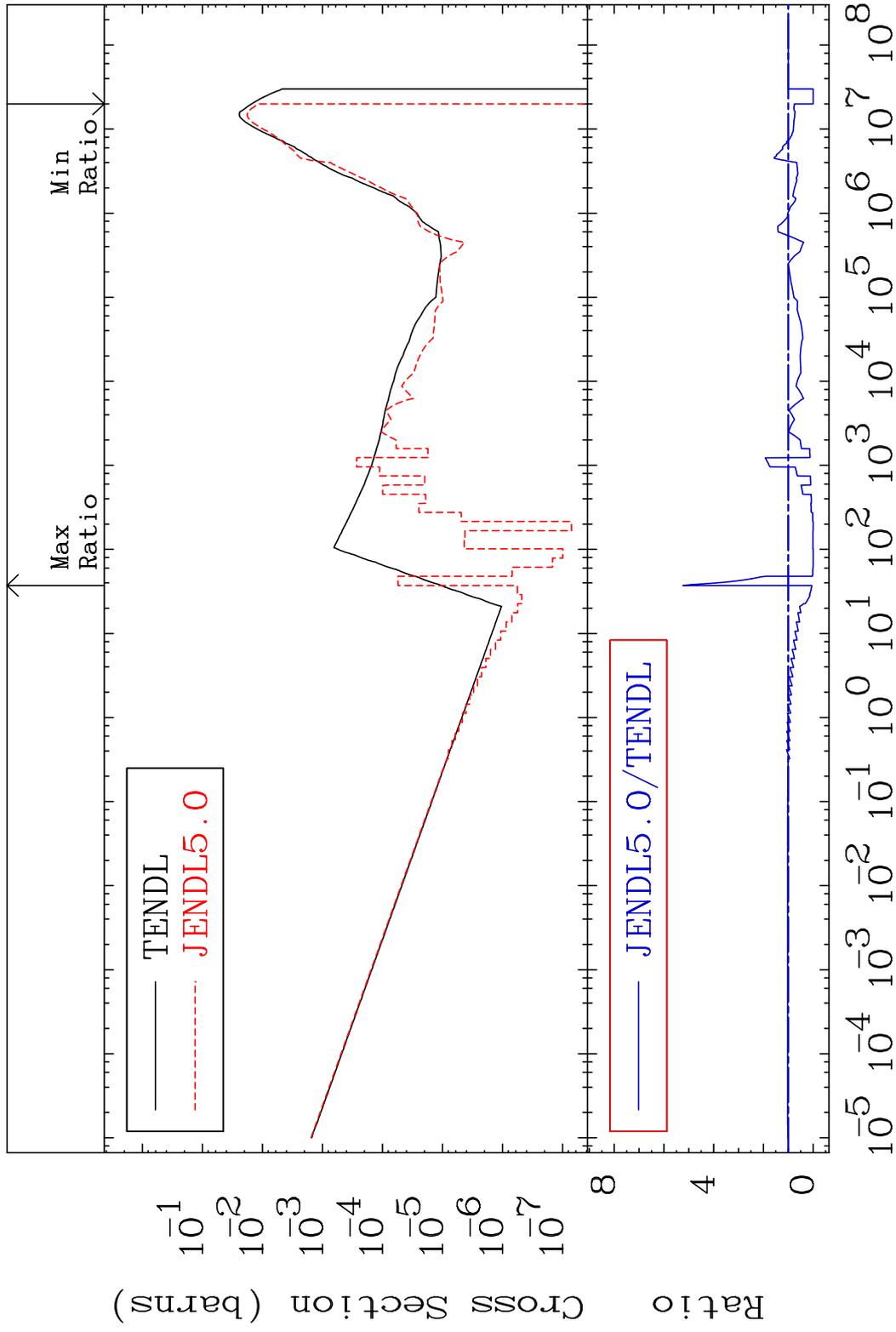


MAT 4234

(n, α)

42-Mo-95

Cross Section -100.0 To 424.0 %



36

Incident Energy (eV)

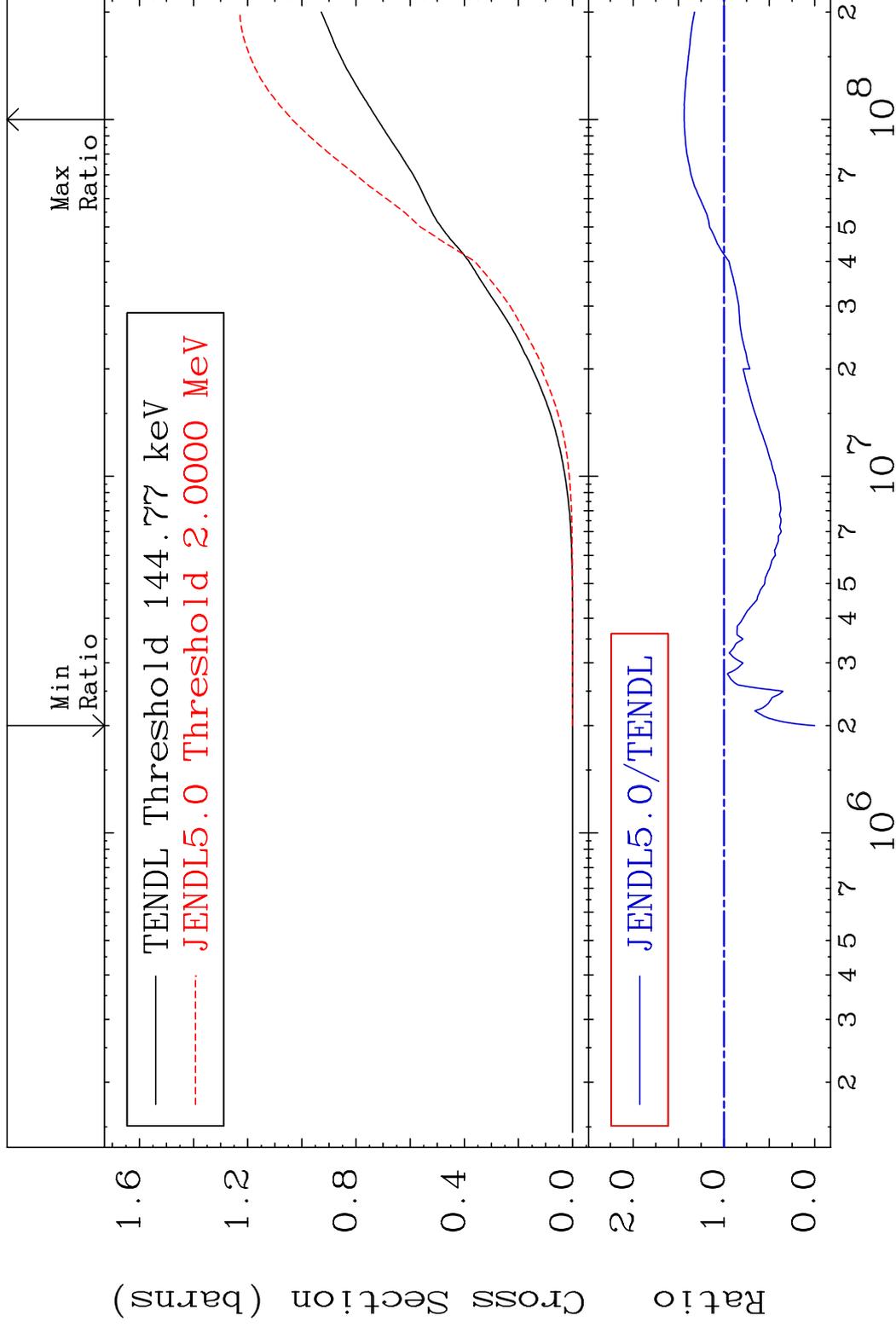
42-Mo-95

MAT 4234

Hydrogen Production

42-Mo-95

Cross Section -100.0 To 43.78 %



37

Incident Energy (eV)

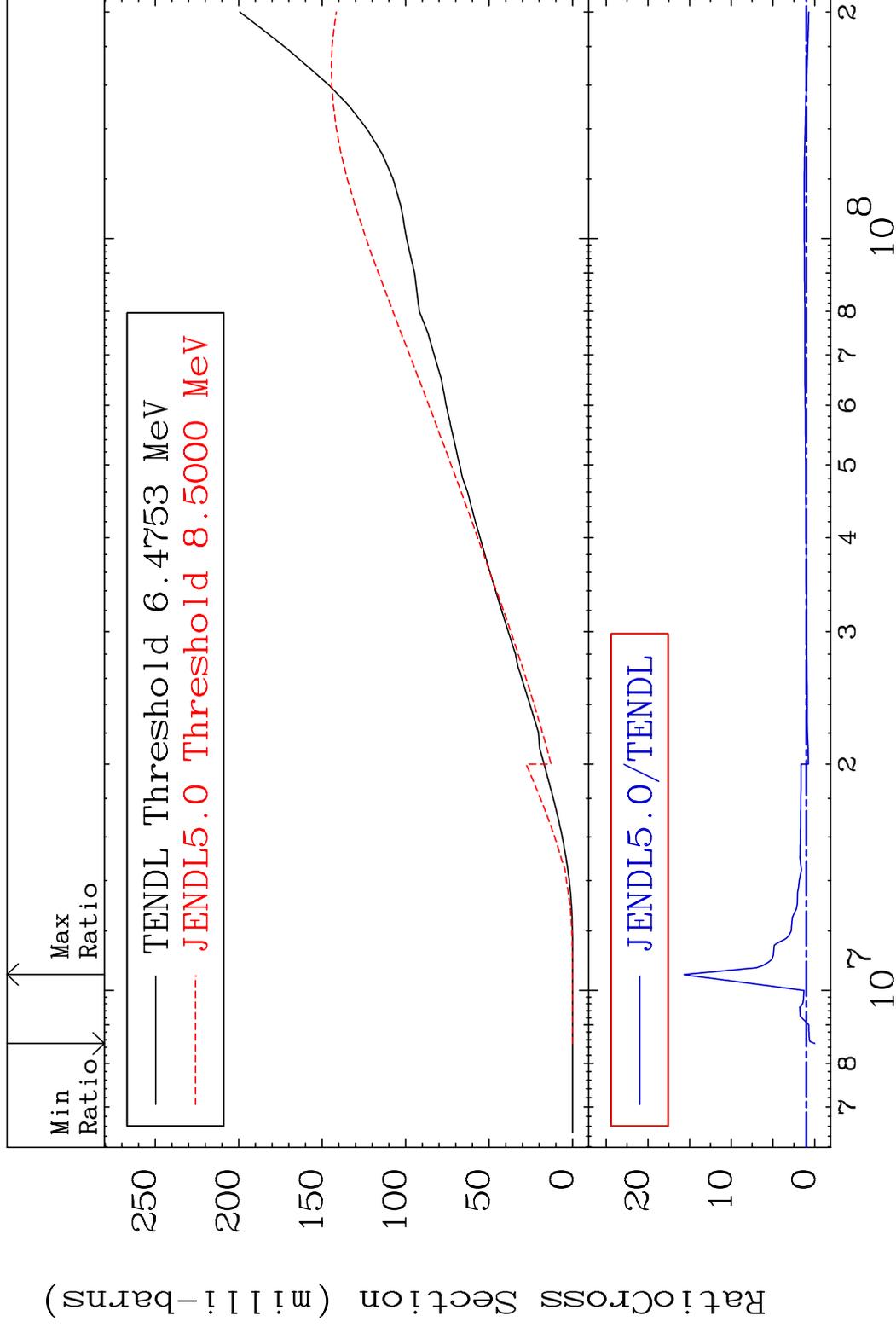
42-Mo-95

MAT 4234

Deuterium Production

42-Mo-95

Cross Section -100.0 To 1466. %

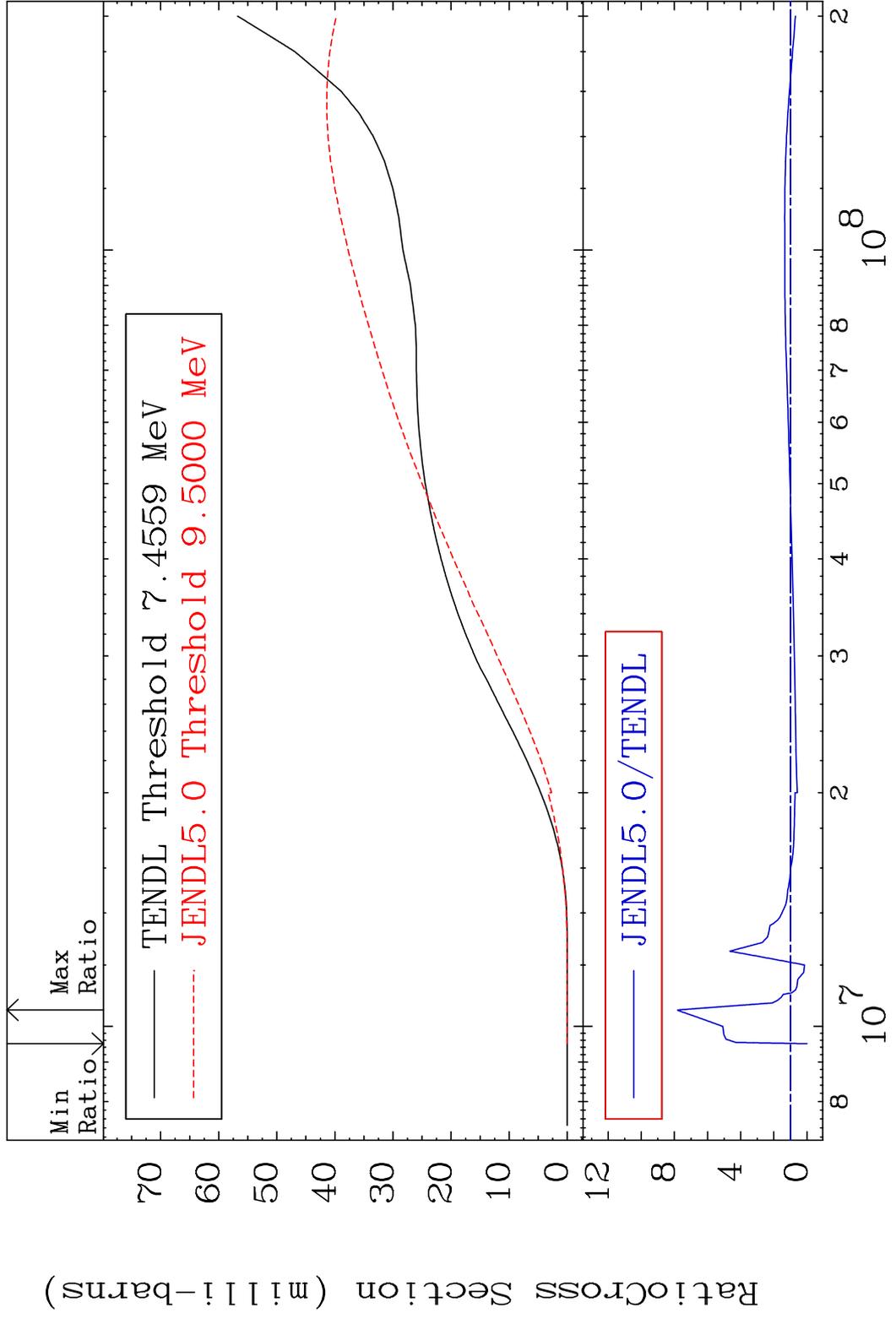


38

Incident Energy (eV)

42-Mo-95

MAT 4234 Tritium Production 42-Mo-95
 Cross Section -100.0 To 680.3 %

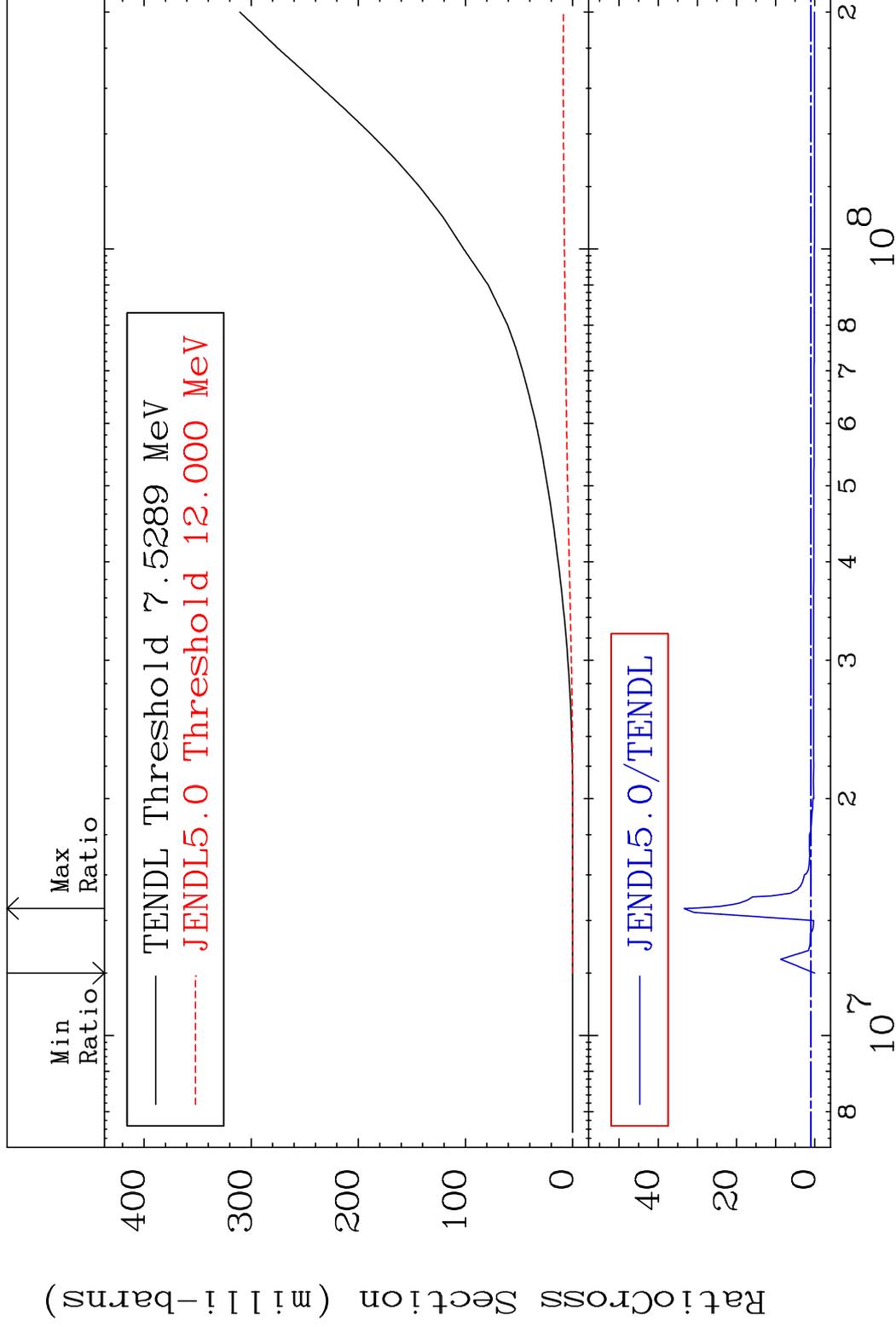


MAT 4234

He-3 Production

42-Mo-95

Cross Section -100.0 To 3237. %



40

Incident Energy (eV)

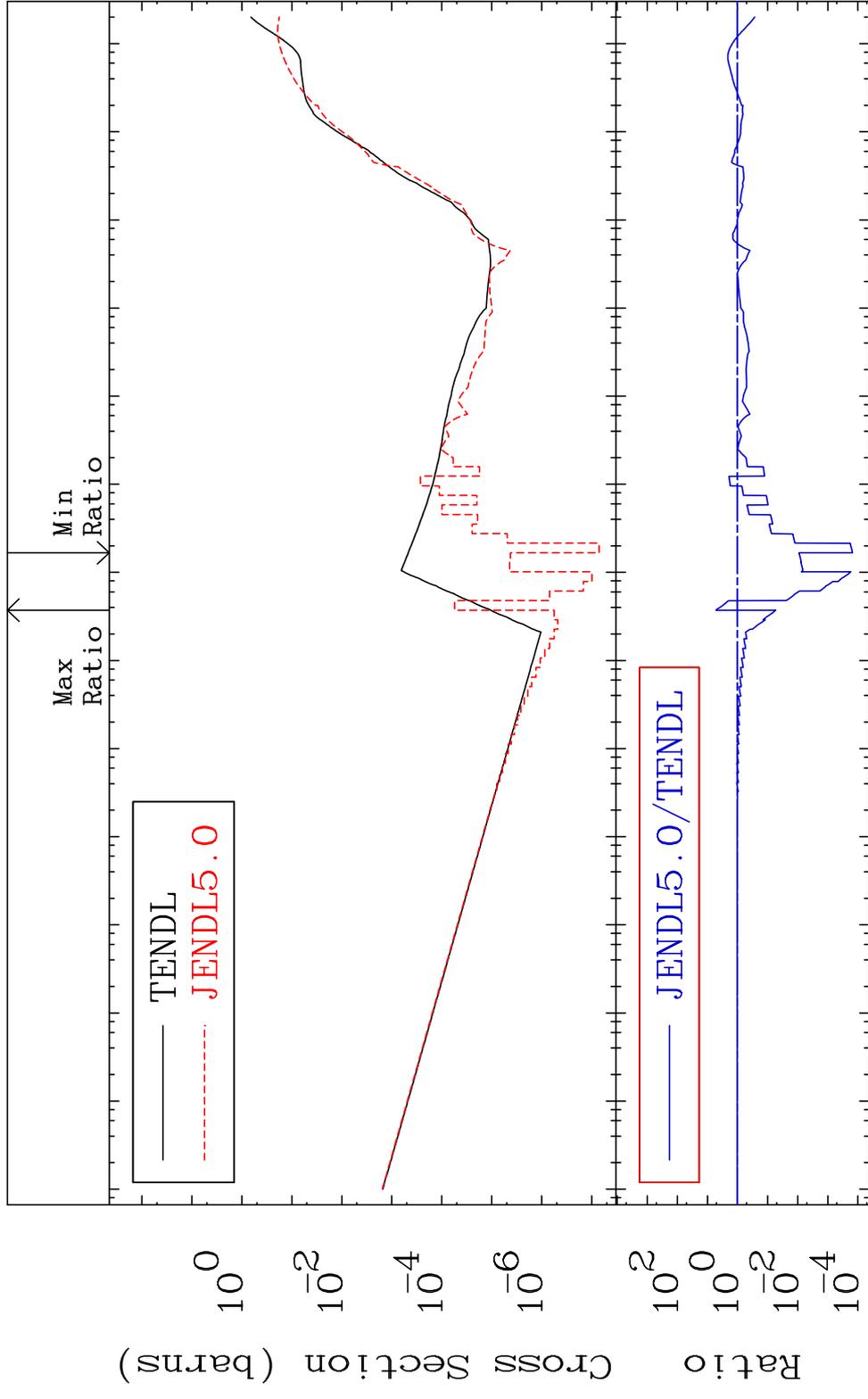
42-Mo-95

MAT 4234

He-4 Production

42-Mo-95

Cross Section -99.98 To 424.0 %

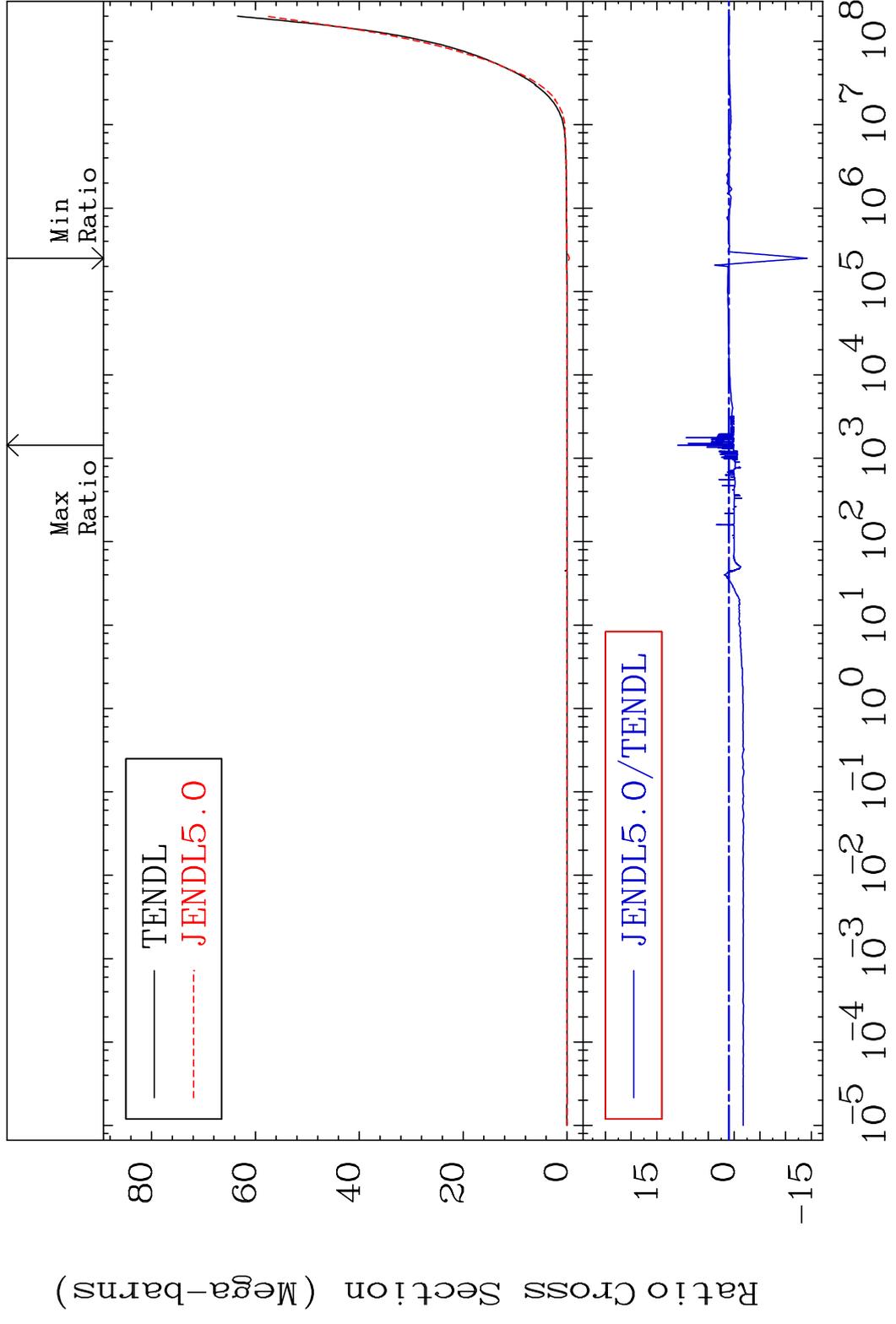


41

Incident Energy (eV)

42-Mo-95

MAT 4234 Kerma total (eV-barns) 42-Mo-95
Cross Section -1516. To 996.0 %



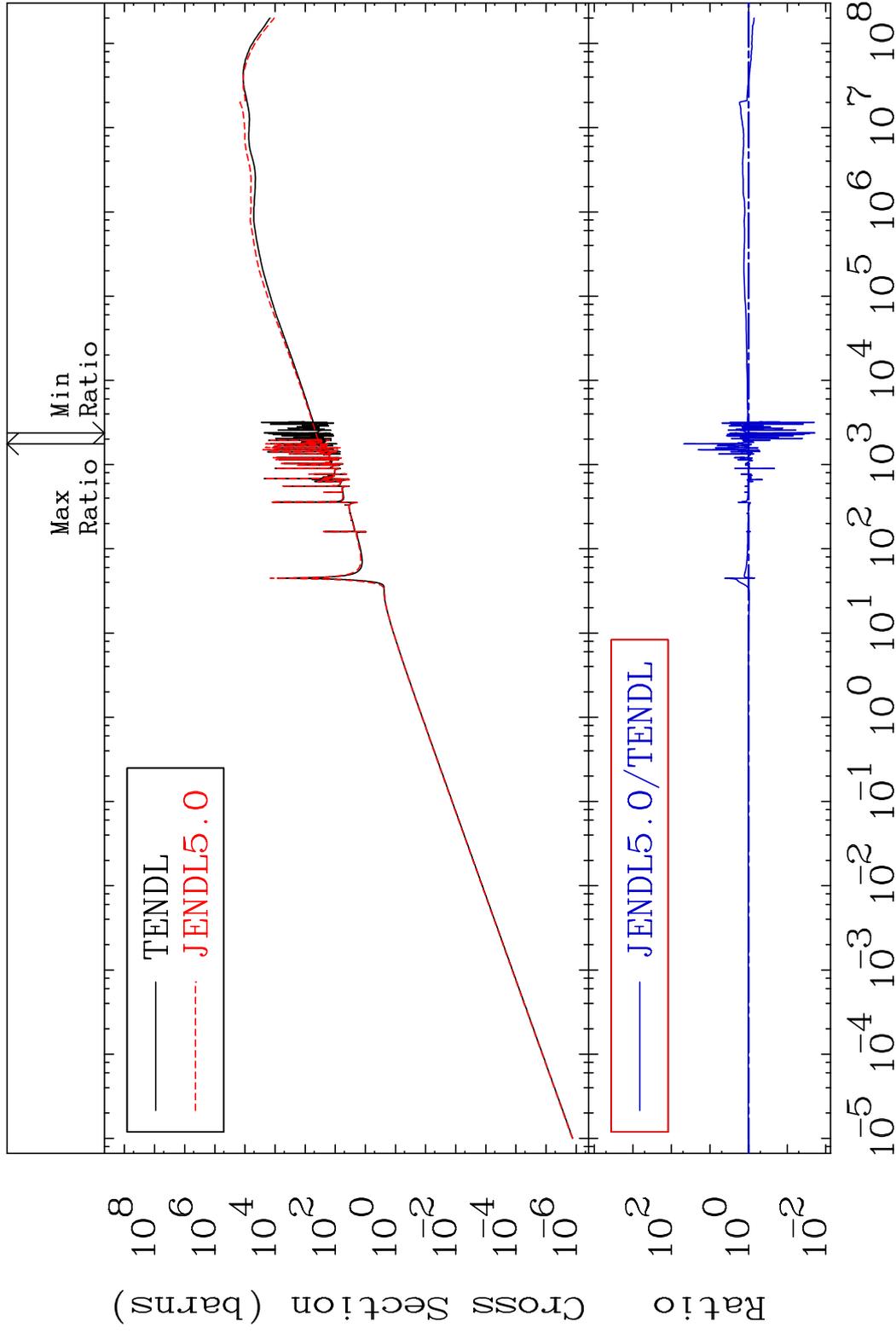
42 42-Mo-95

MAT 4234

Kerma elastic

42-Mo-95

Cross Section -98.06 To 4592. %

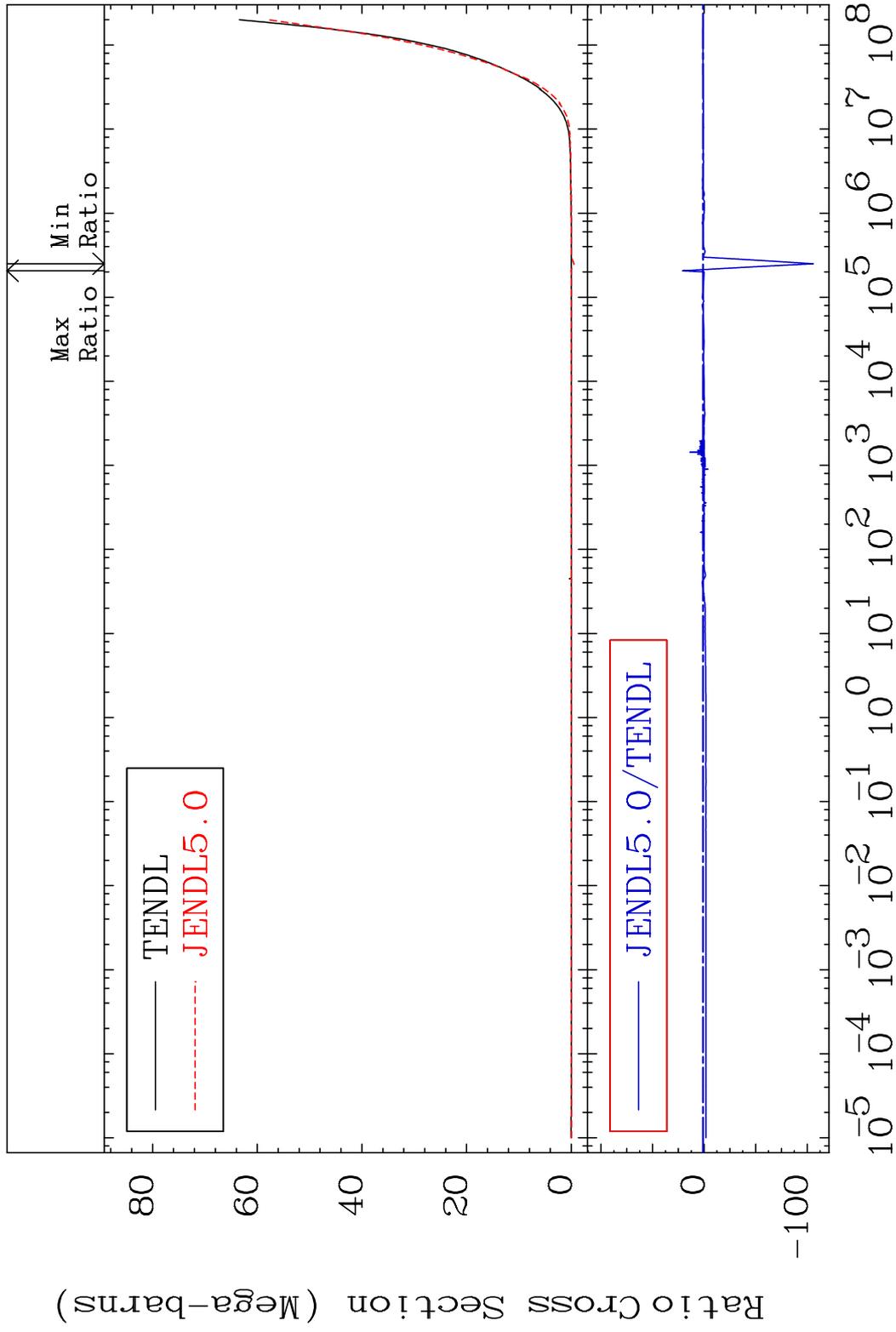


43

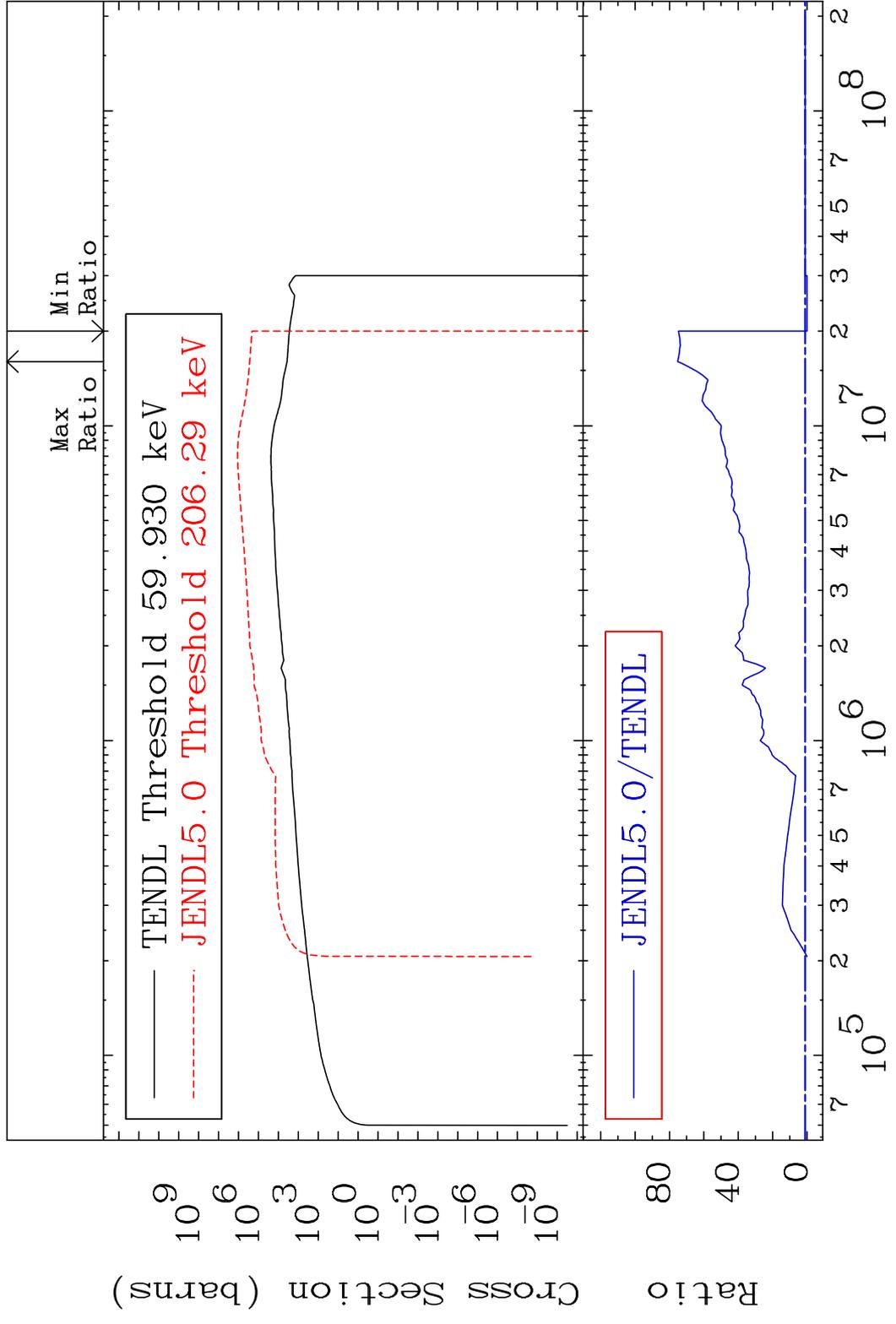
Incident Energy (eV)

42-Mo-95

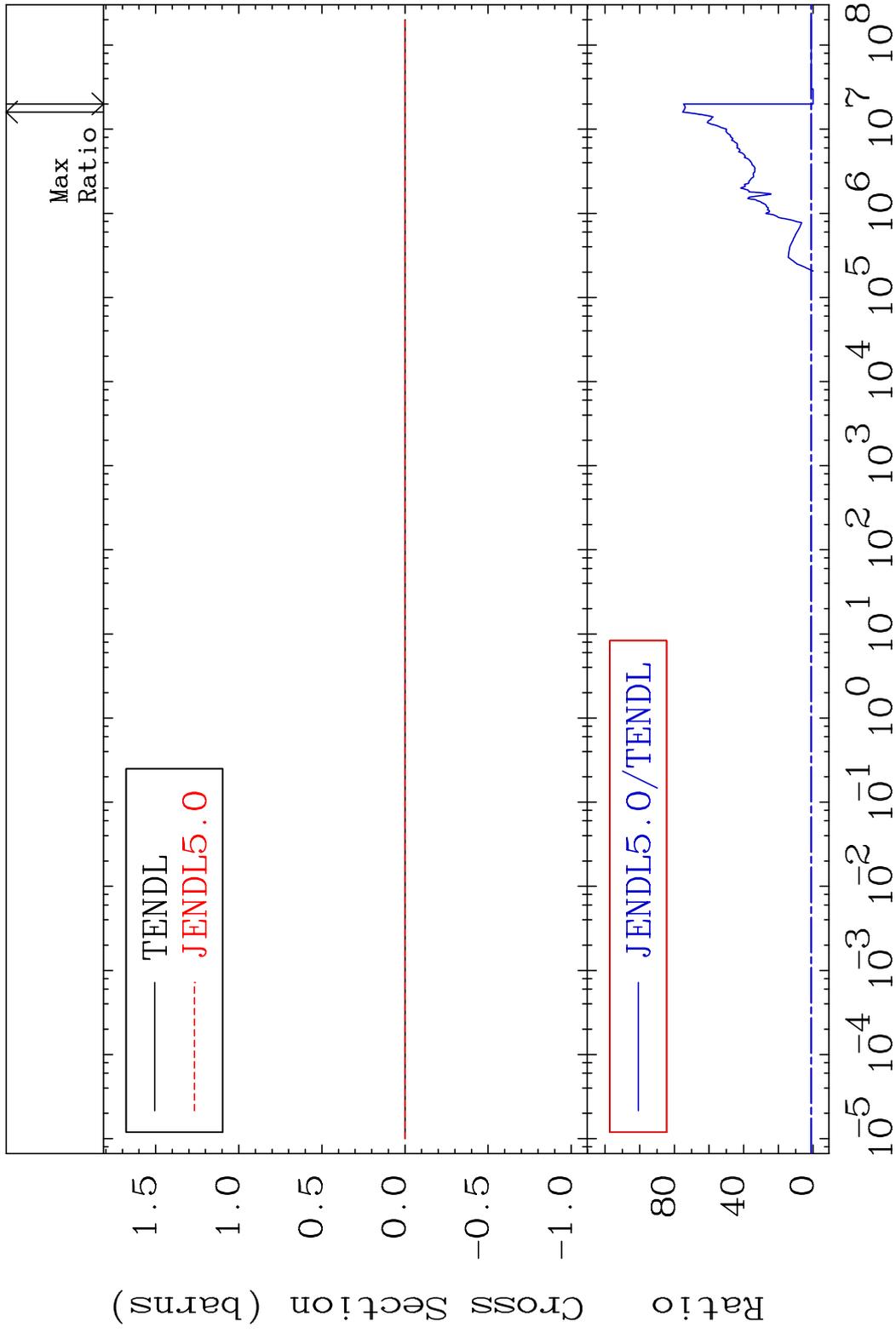
MAT 4234 Kerma non-elastic (all but mt2) 42-Mo-95
Cross Section -9999. To 1962. %



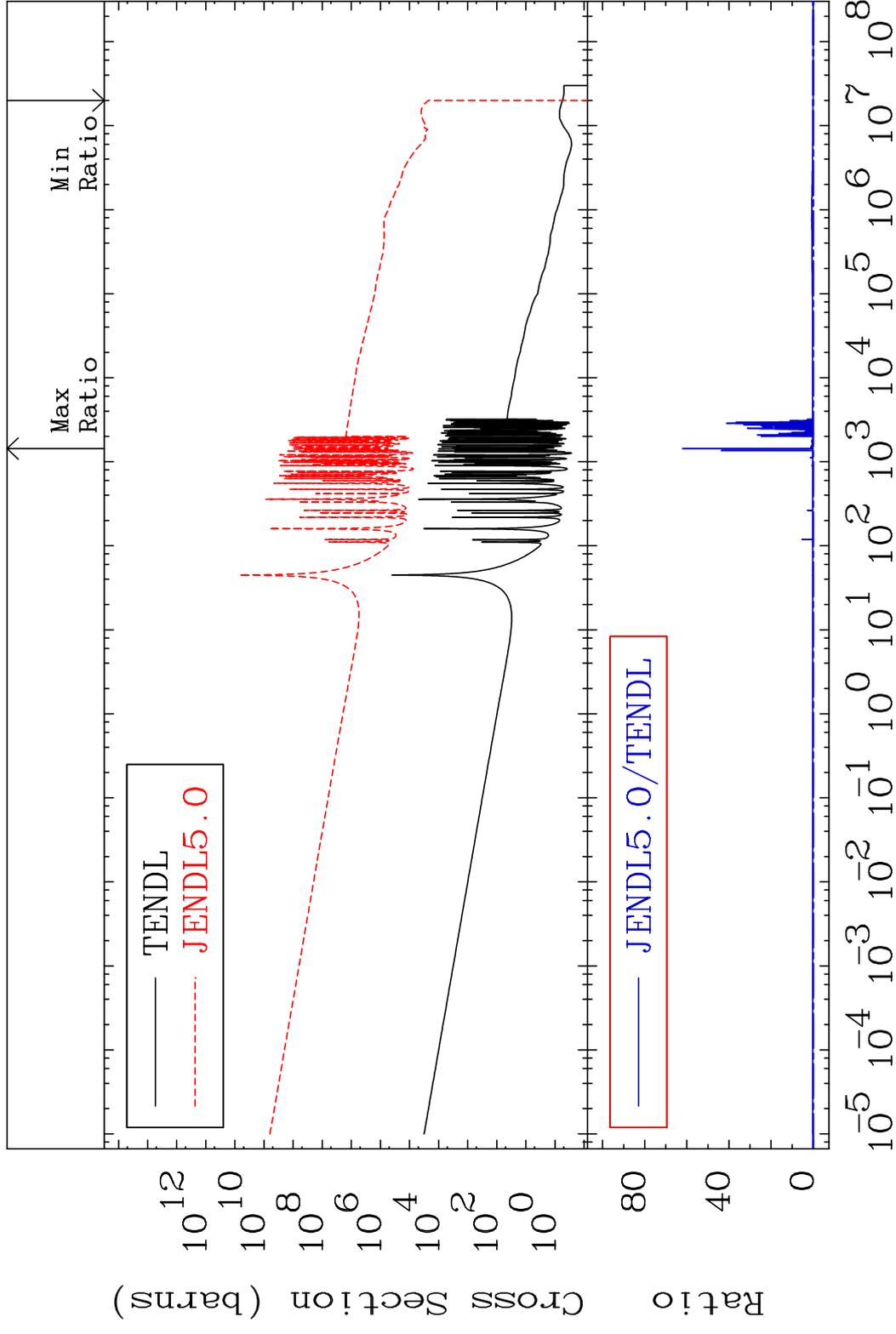
MAT 4234 Kerma inelastic (mt51-91) 42-Mo-95
 Cross Section -100.0 To 7422. %



MAT 4234 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-95
 Cross Section -100.0 To 7422. %

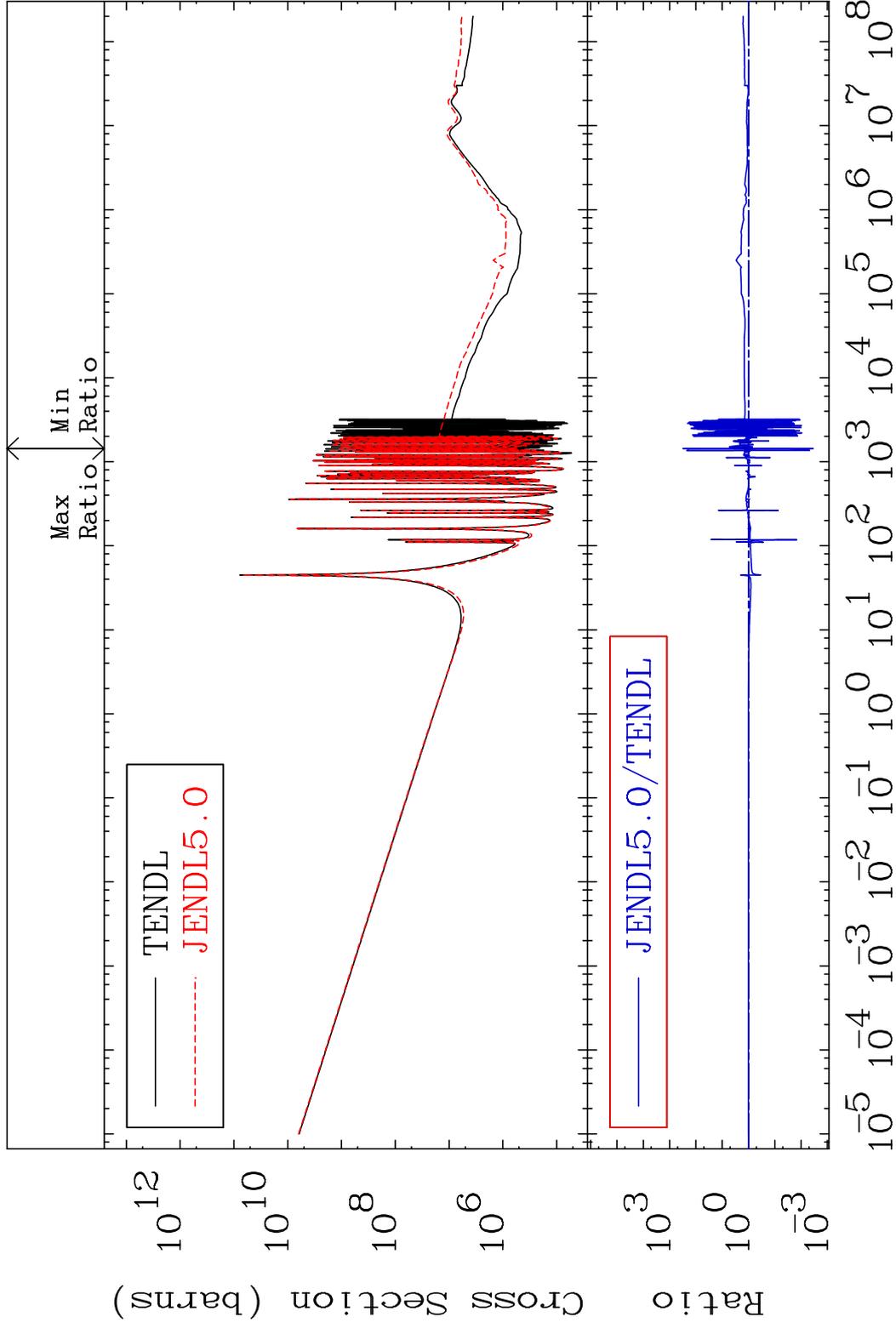


MAT 4234 Kerma capture (mt102) 42-Mo-95
 Cross Section -100.0 To 9999. %



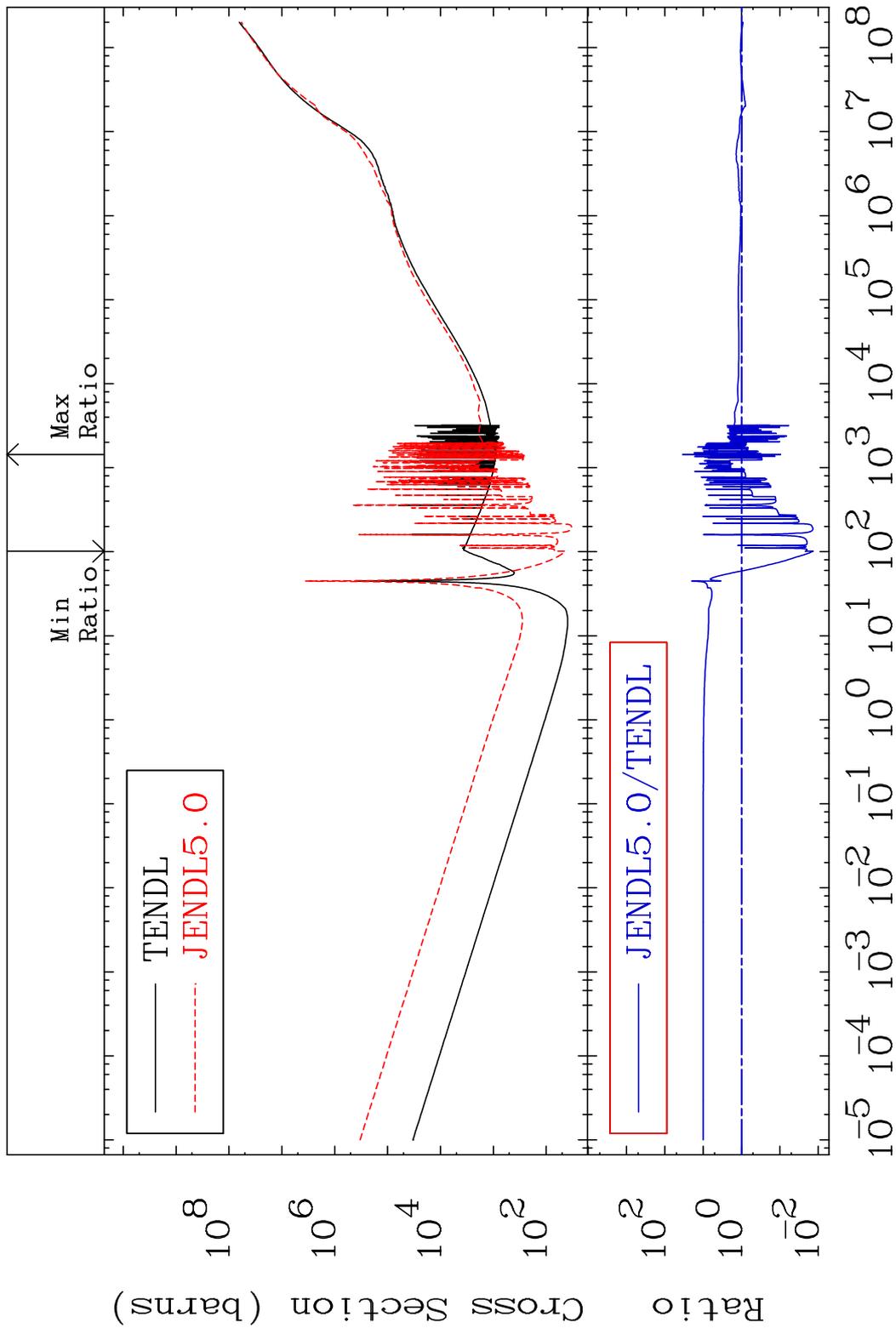
47 Incident Energy (eV) 42-Mo-95

MAT 4234 Total photon (eV-barns) 42-Mo-95
 Cross Section -99.65 To 9999. %



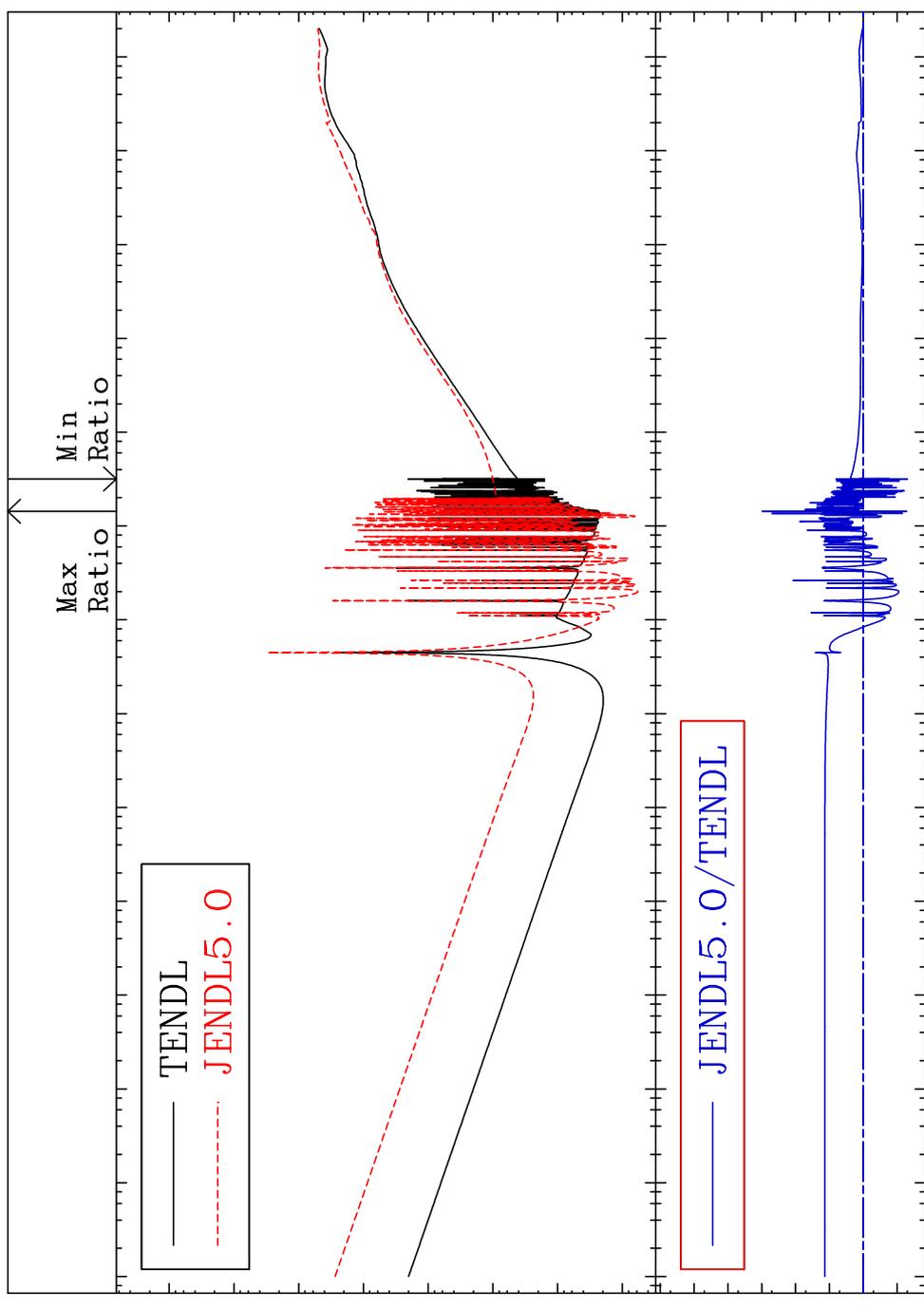
48 Incident Energy (eV) 42-Mo-95

MAT 4234 Total kinematic kerma (high limit) 42-Mo-95
 Cross Section -98.65 To 3291. %



MAT 4234

Dpa total (eV-barns) 42-Mo-95
Cross Section -95.11 To 9999. %



10^8
 10^7
 10^6
 10^5
 10^4
 10^3
 10^2
 10^1
 10^0
 10^4
 10^2
 10^0

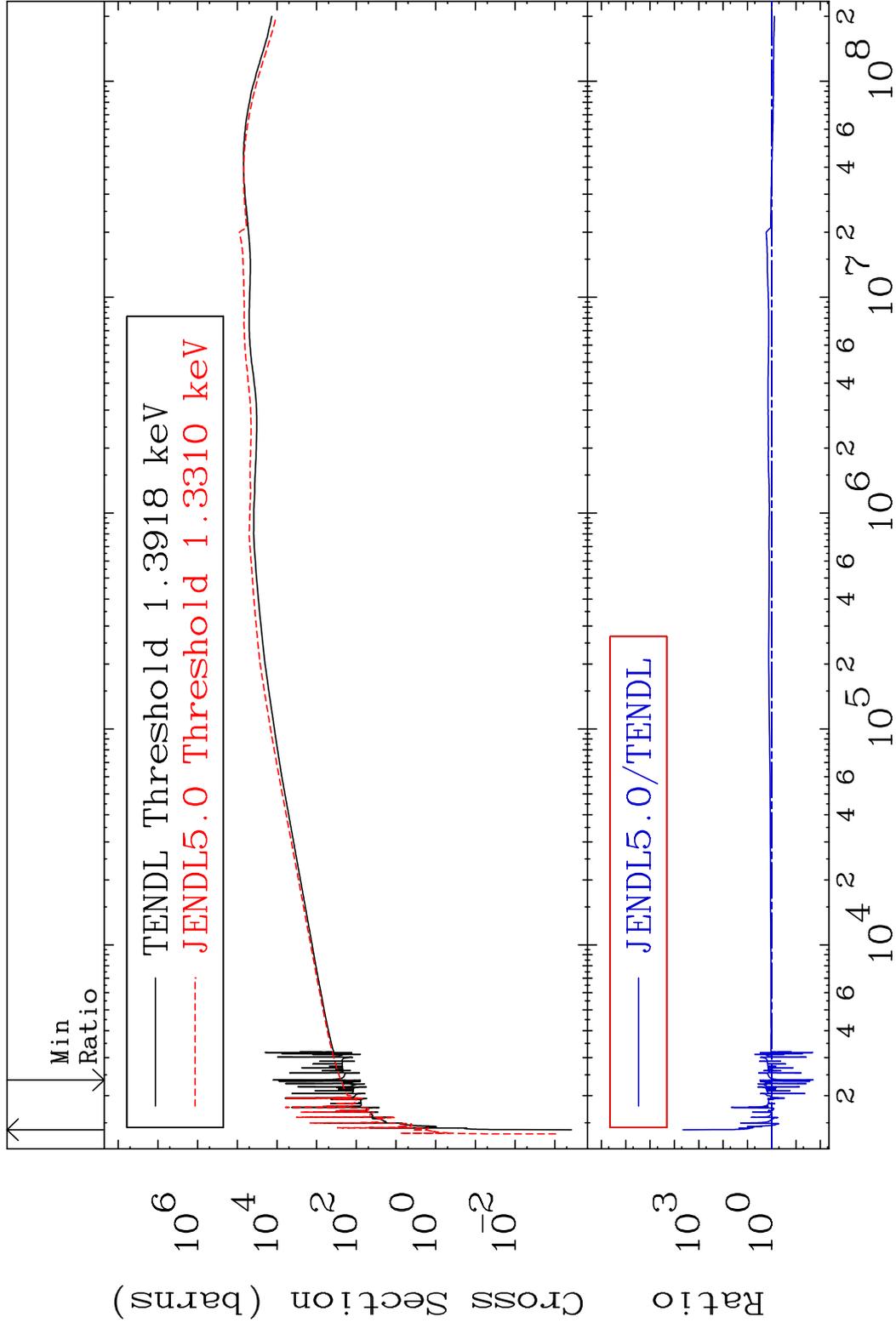
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

50

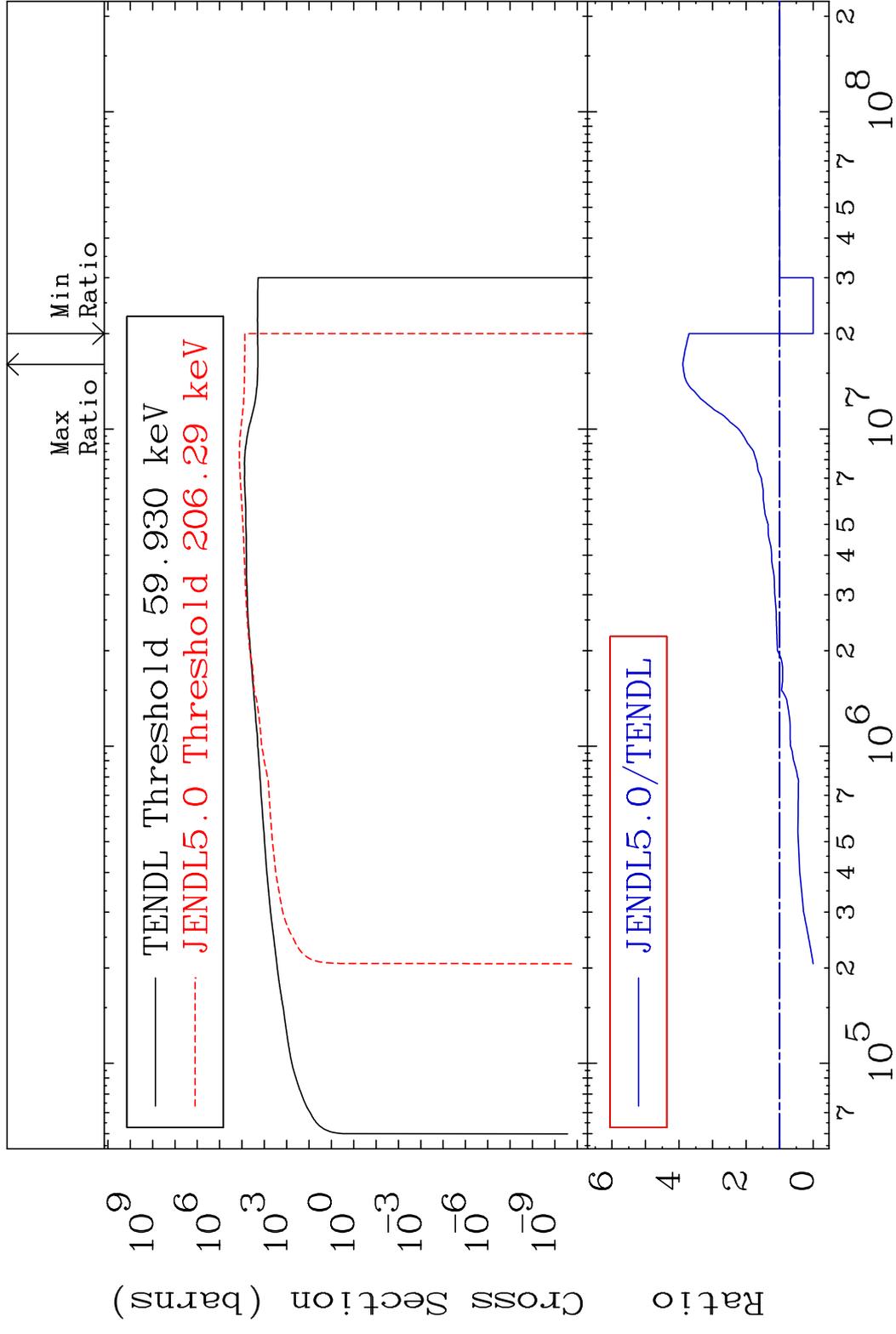
Incident Energy (eV)

42-Mo-95

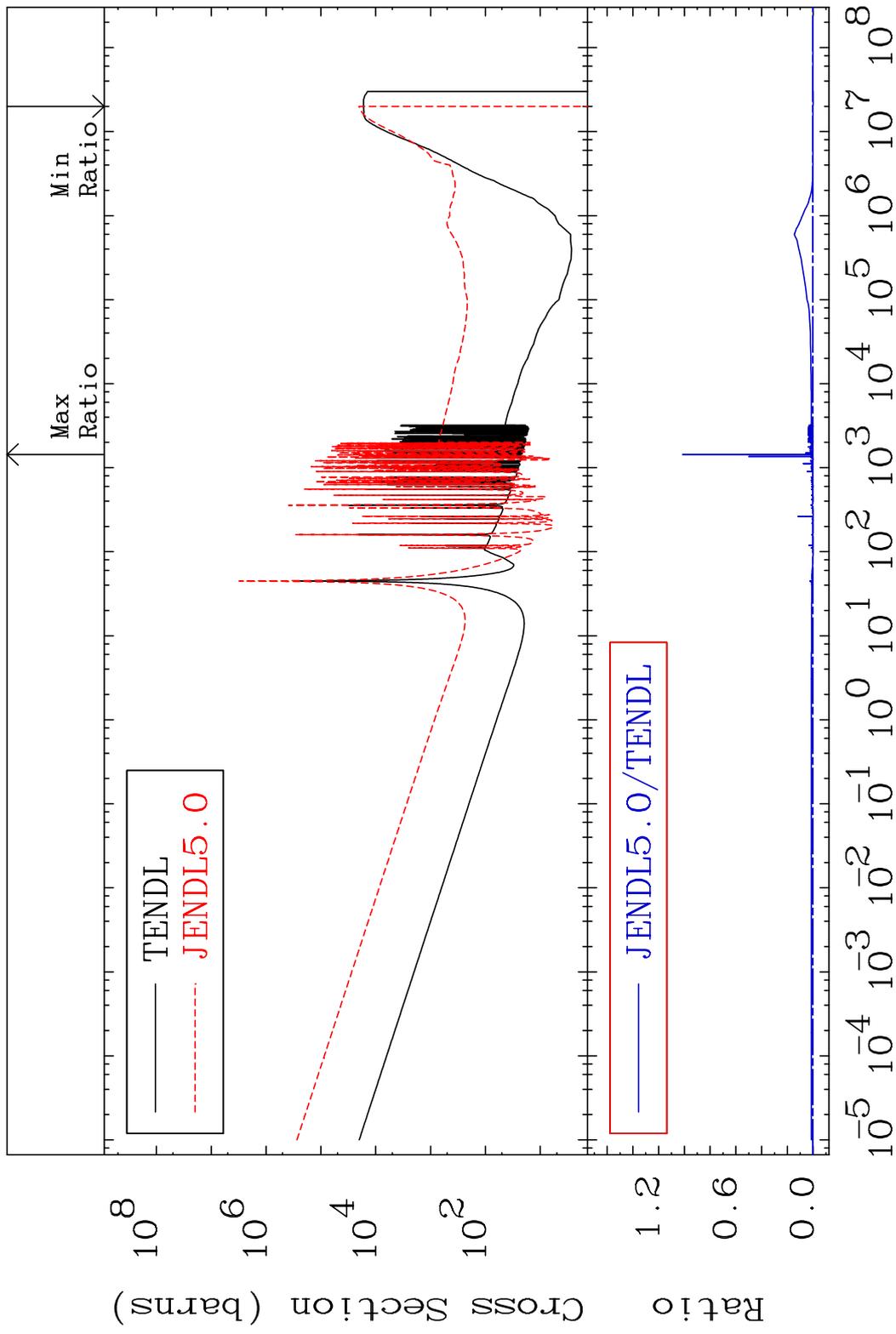
MAT 4234 Dpa elastic (mt2) 42-Mo-95
 Cross Section -98.02 To 9999. %



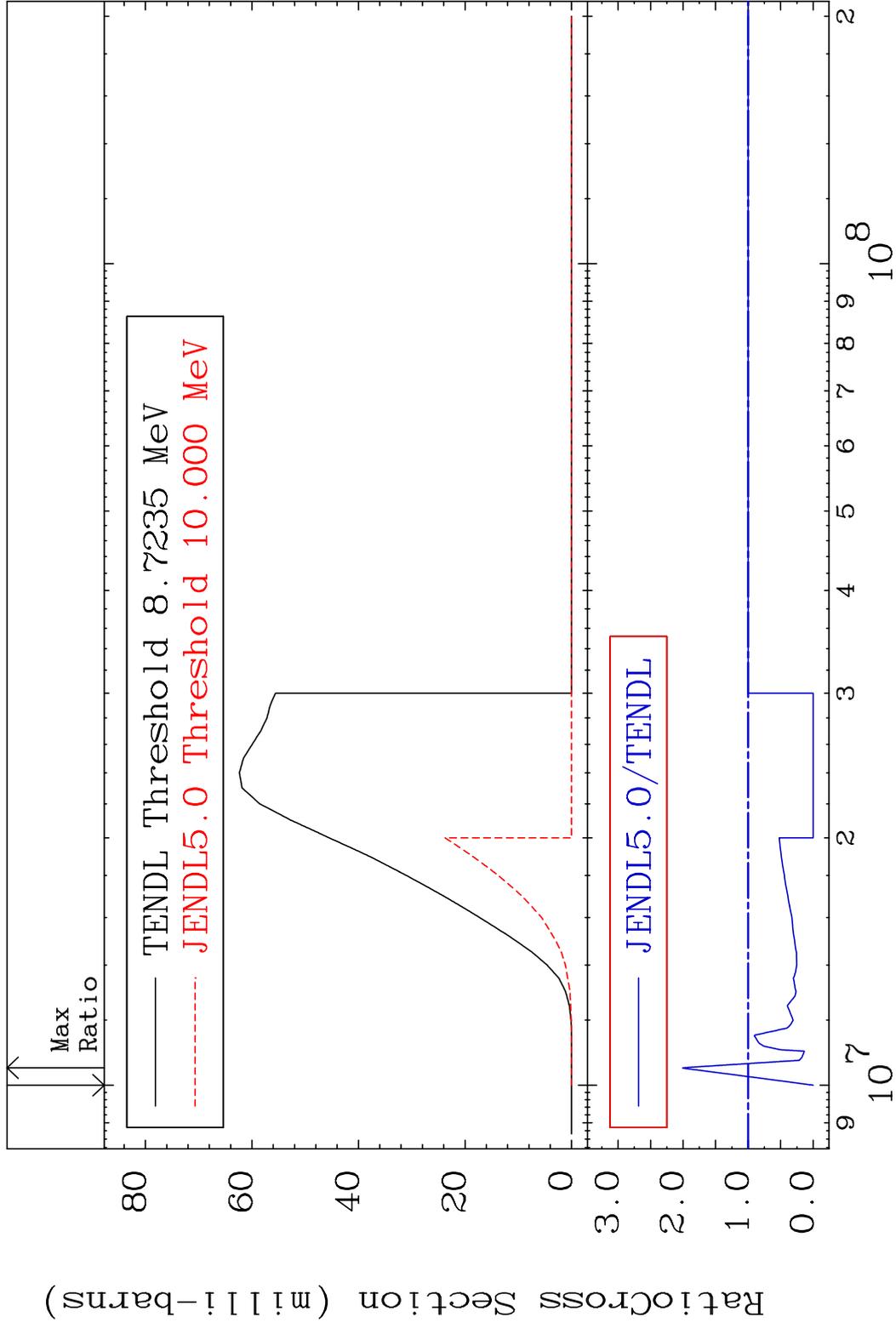
MAT 4234 Dpa inelastic (mt51-91) 42-Mo-95
 Cross Section -100.0 To 288.7 %



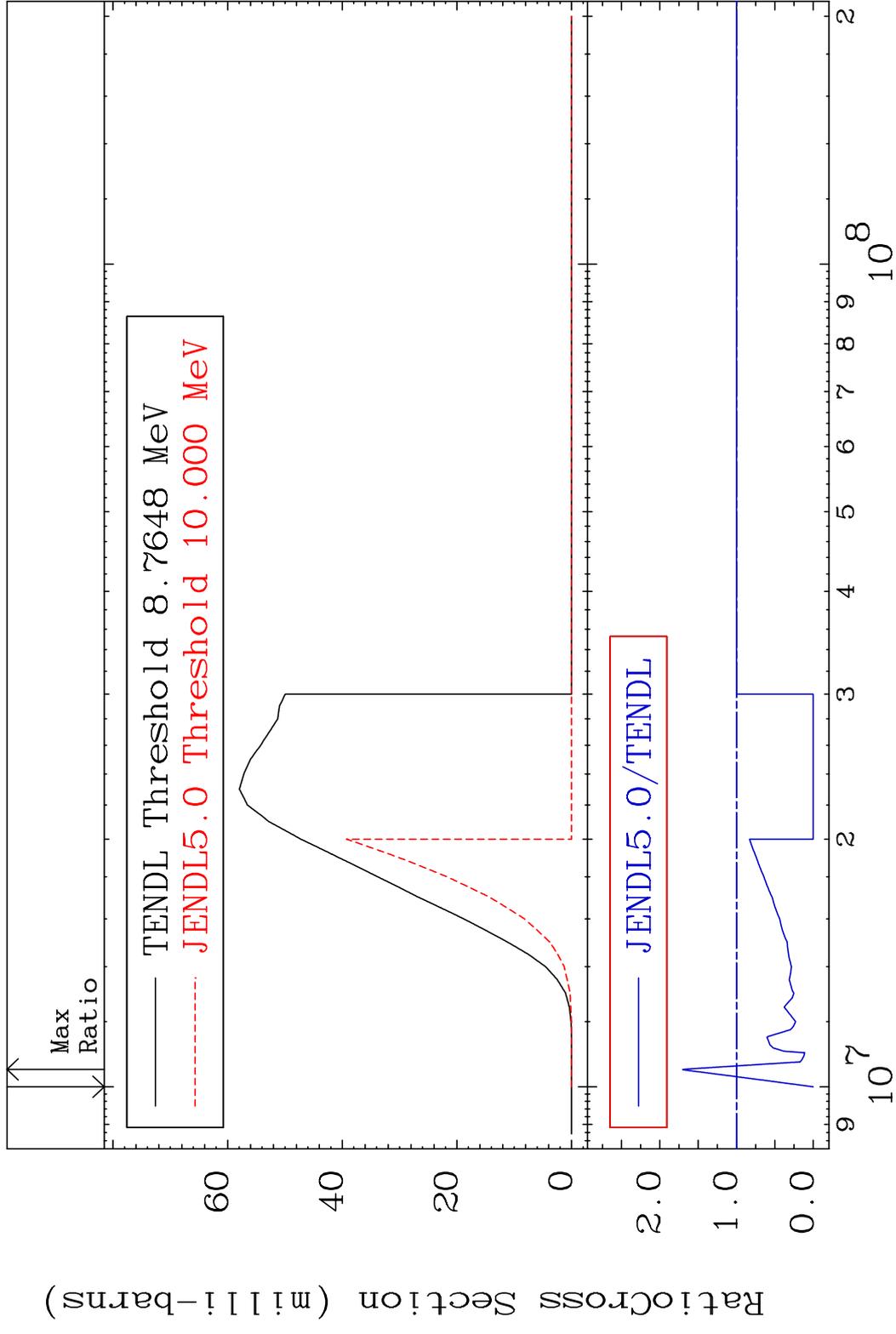
MAT 4234 Dpa disappearance (mt102 -120) 42-Mo-95
 Cross Section -100.0 To 9999. %



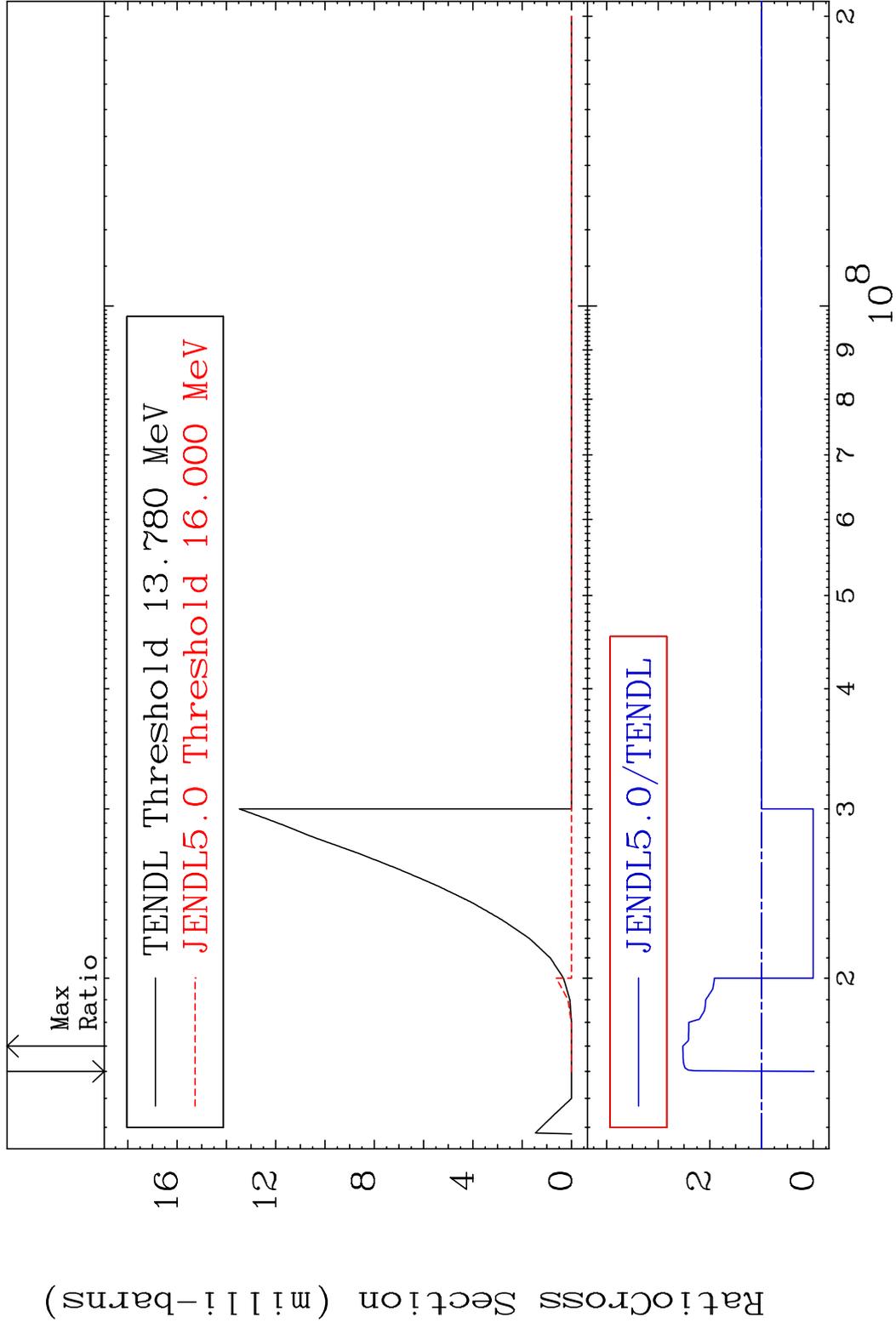
MAT 4234 (n, n') p:41-Nb-94g 42-Mo-95
 Radionuclide Production Cross Section 100.4 %

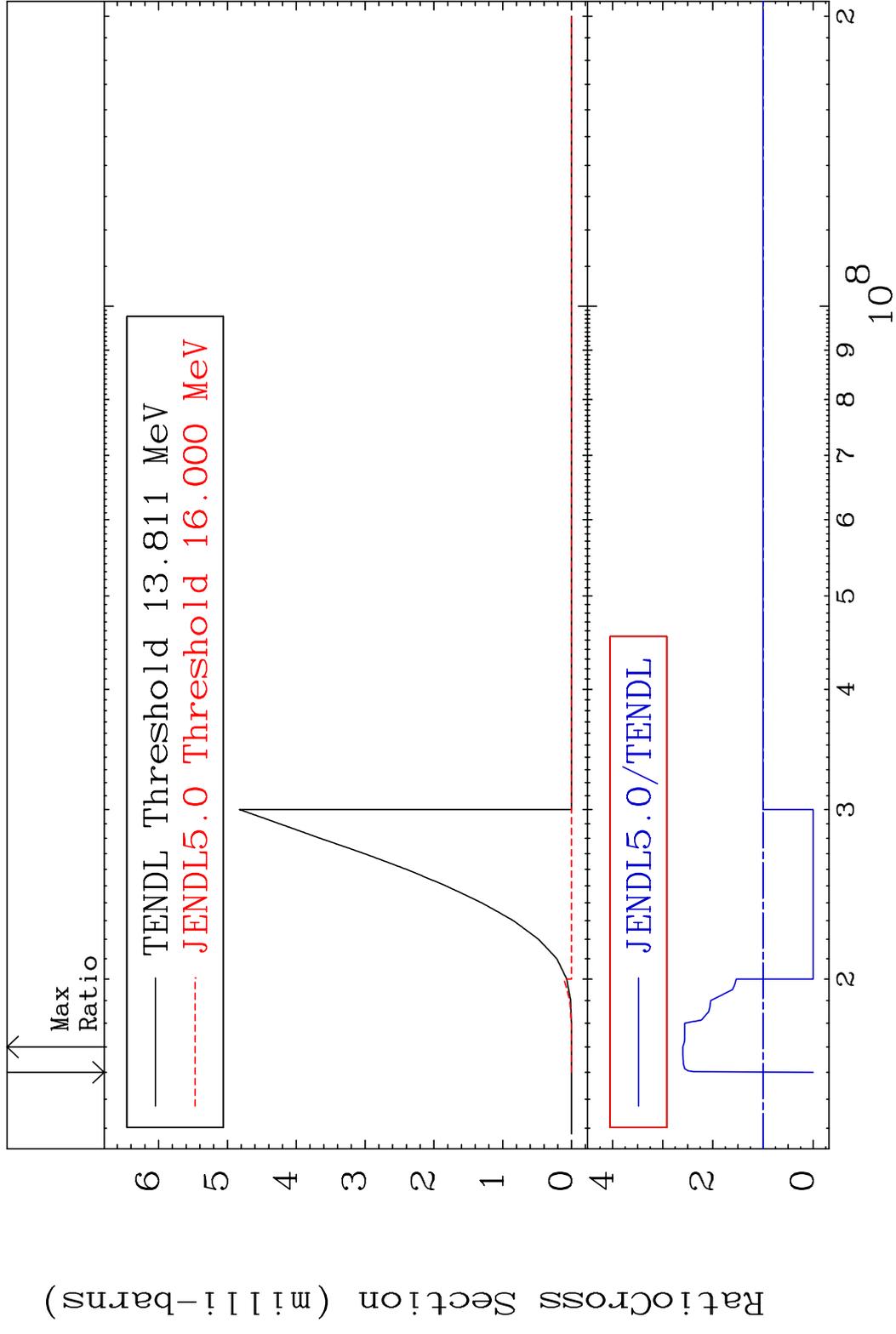


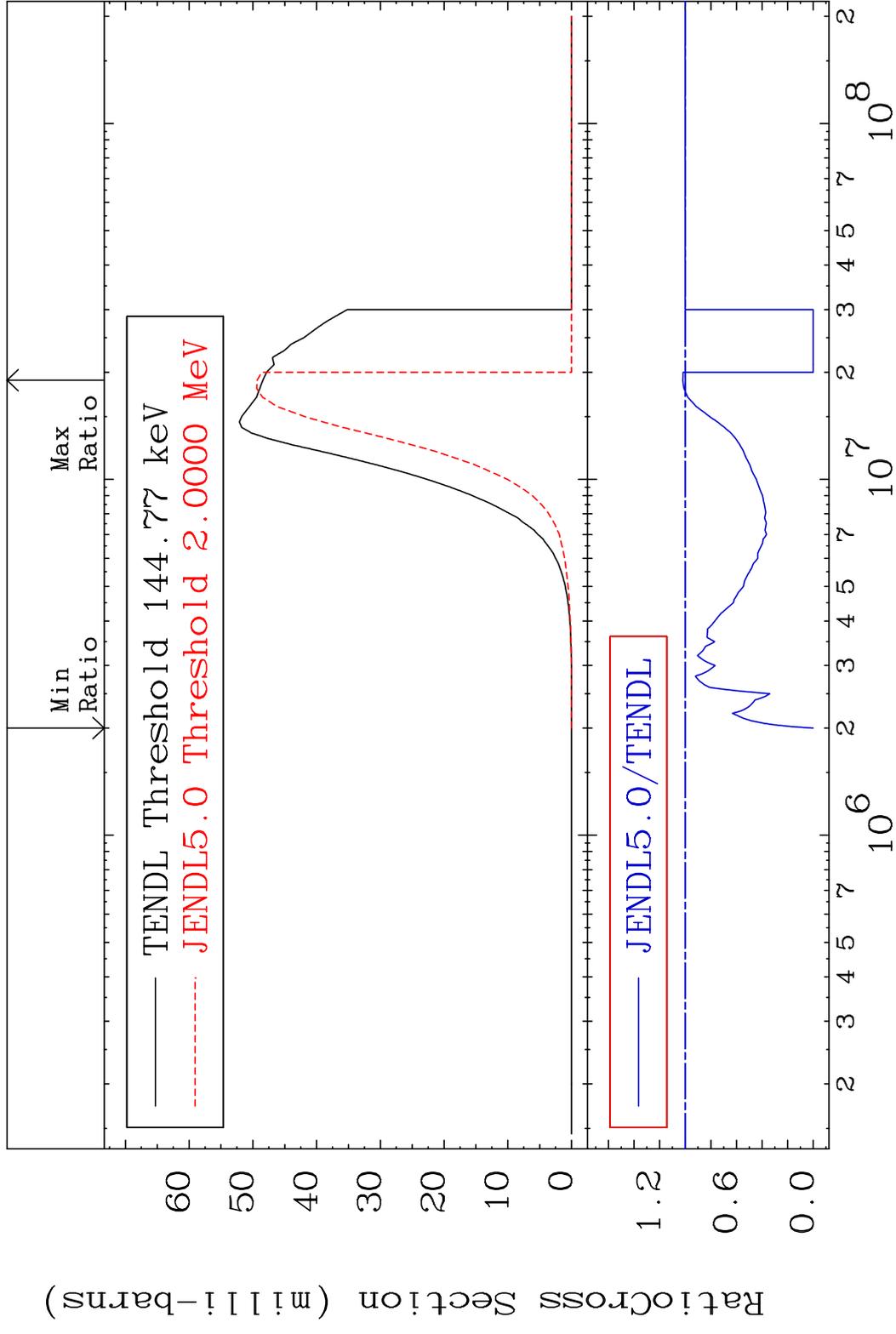
MAT 4234 (n, n') p:41-Nb-94m1 42-Mo-95
 Radionuclide Production Cross Section 180.01 dth 70.06 %



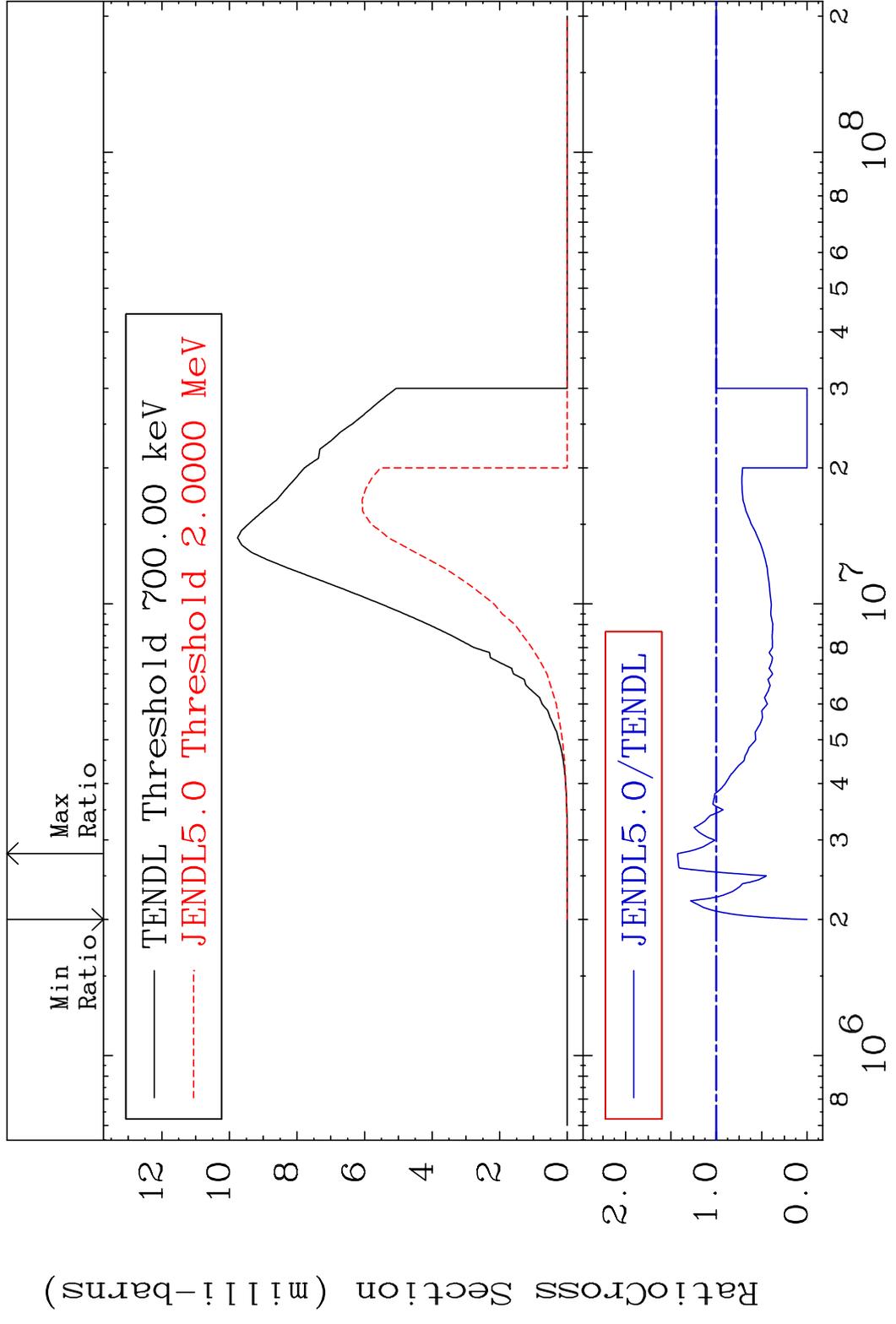
MAT 4234 (n, n') d:41-Nb-93g 42-Mo-95
 Radionuclide Production Cross Section 152.4 %

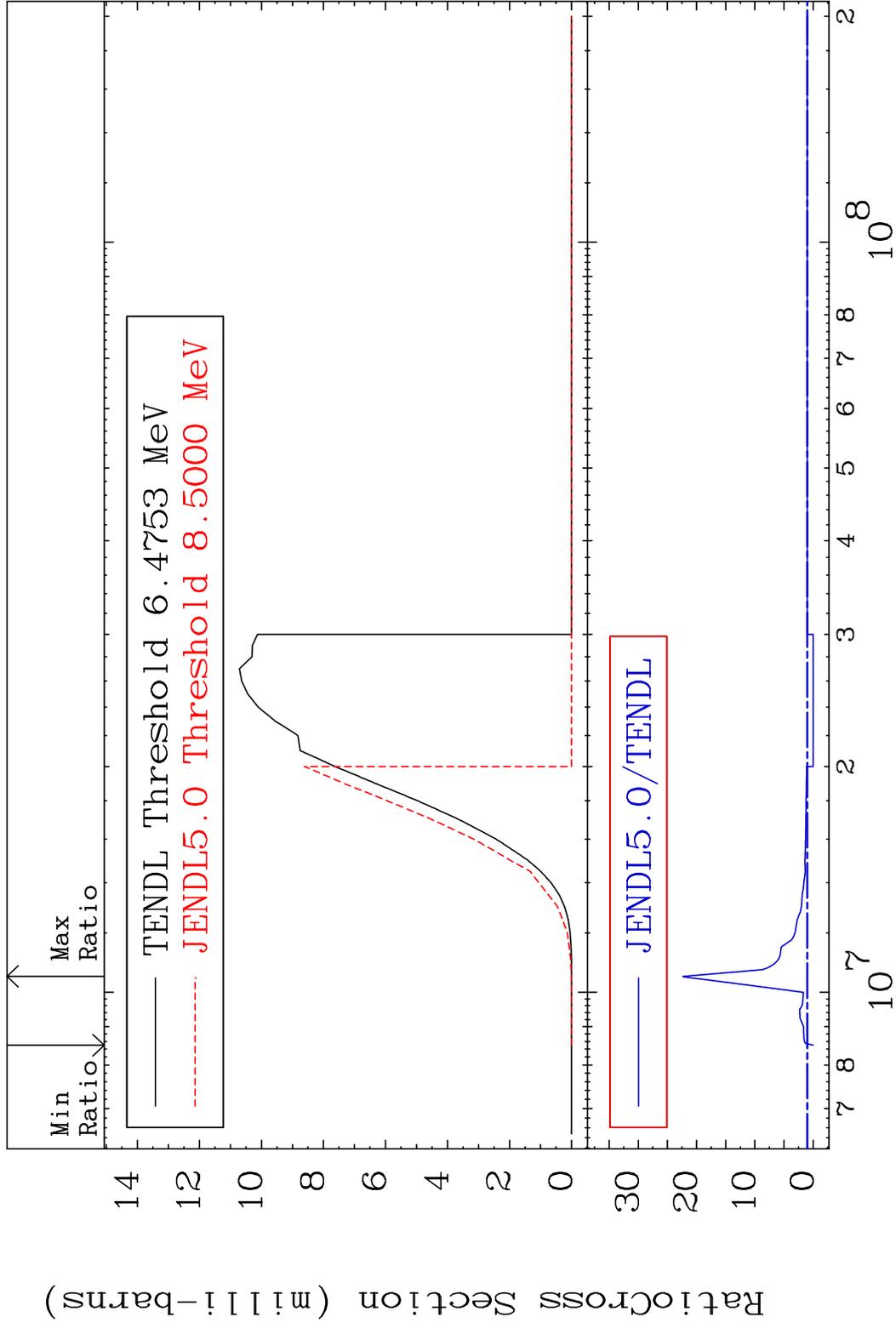




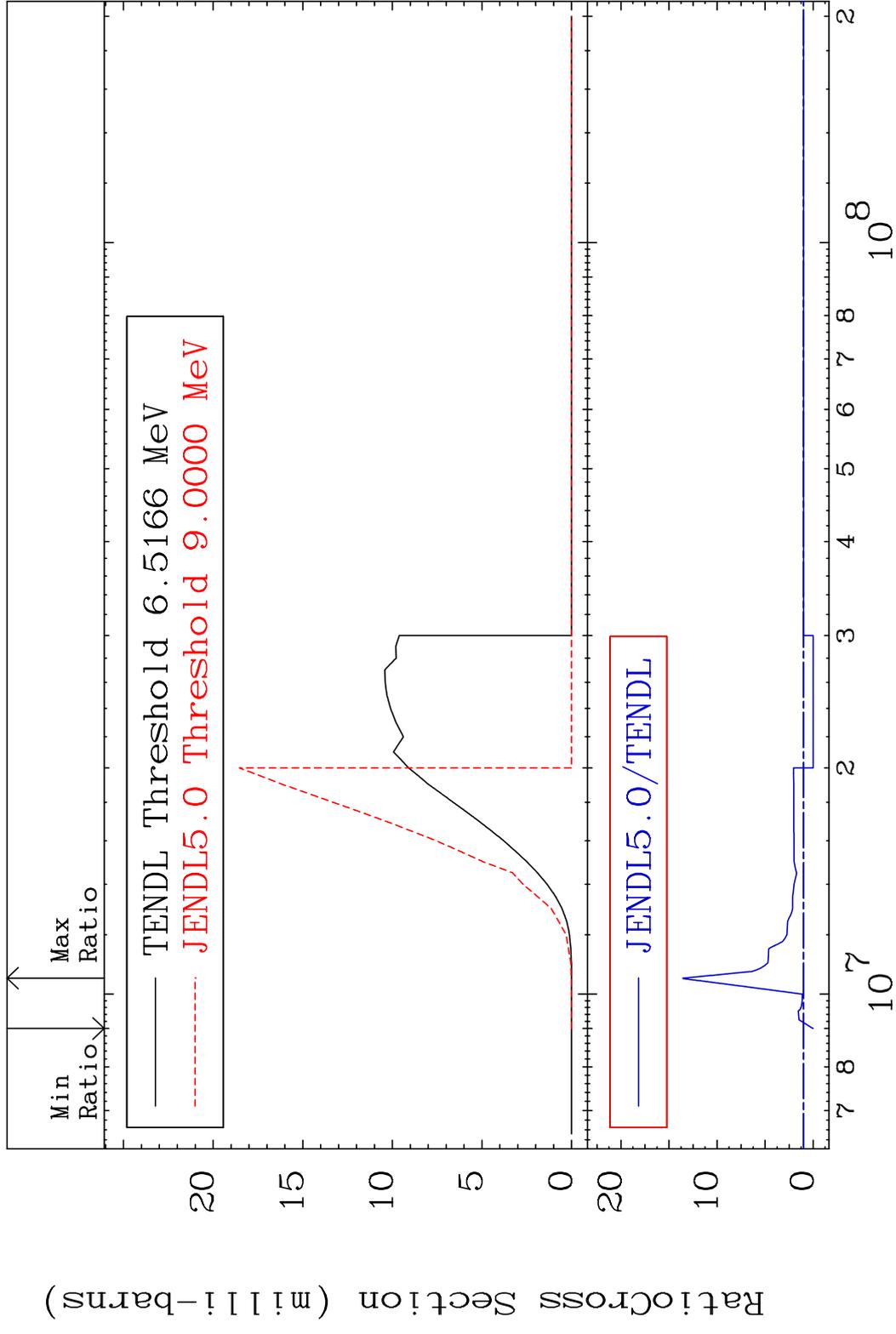


MAT 4234 (n,p):41-Nb-95m1 42-Mo-95
 Radionuclide Production Cross Section 180.01 dth 42.62 %



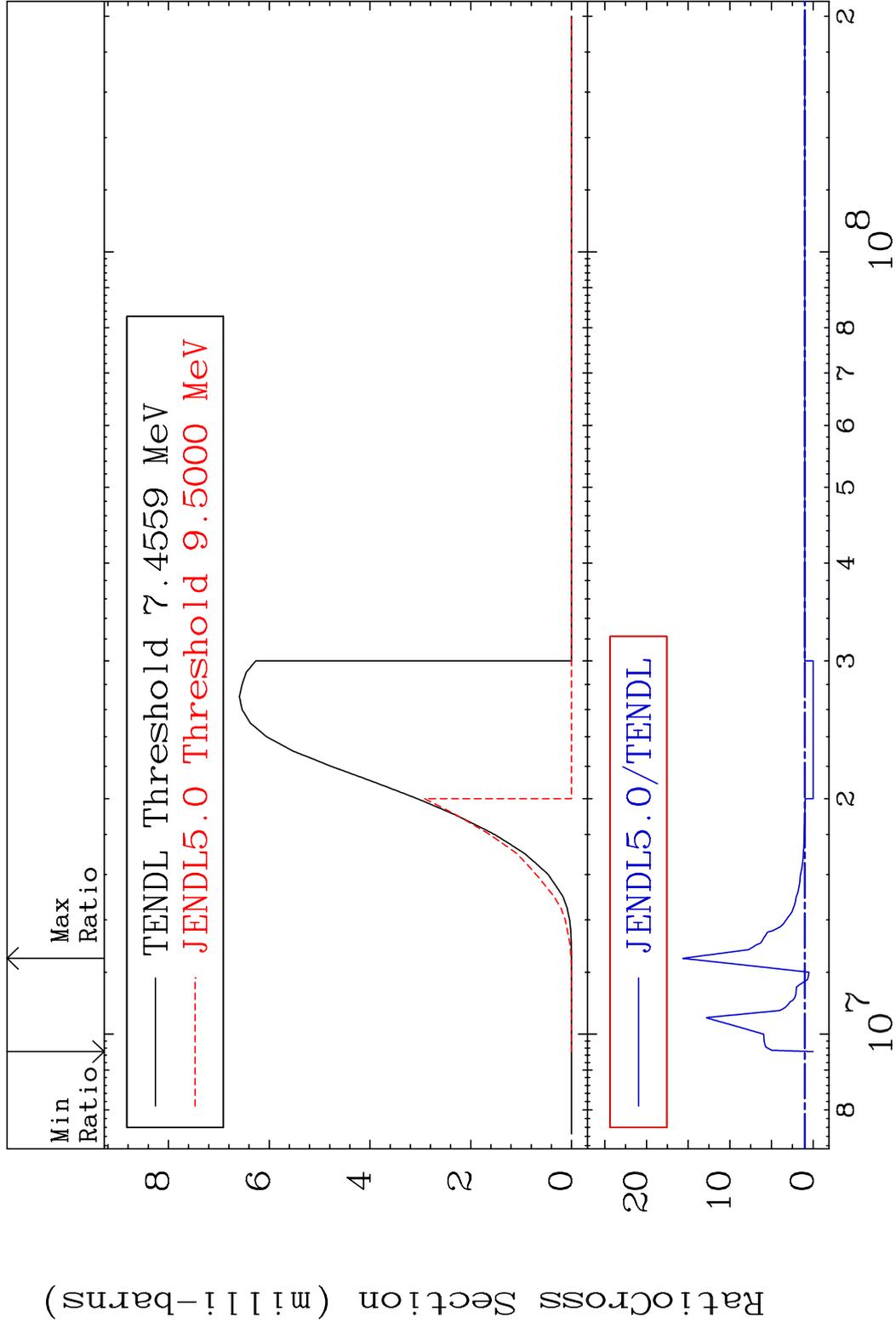


MAT 4234 (n,d):41-Nb-94m1 42-Mo-95
 Radionuclide Production Cross Section 1800.0 dth 1256. %



61 Incident Energy (eV) 42-Mo-95

MAT 4234 (n, t): 41-Nb-93g 42-Mo-95
 Radionuclide Production Cross Section 180.0 dth 1464. %



62 Incident Energy (eV) 42-Mo-95

