

Program Complot
(Version 2021-1)

by

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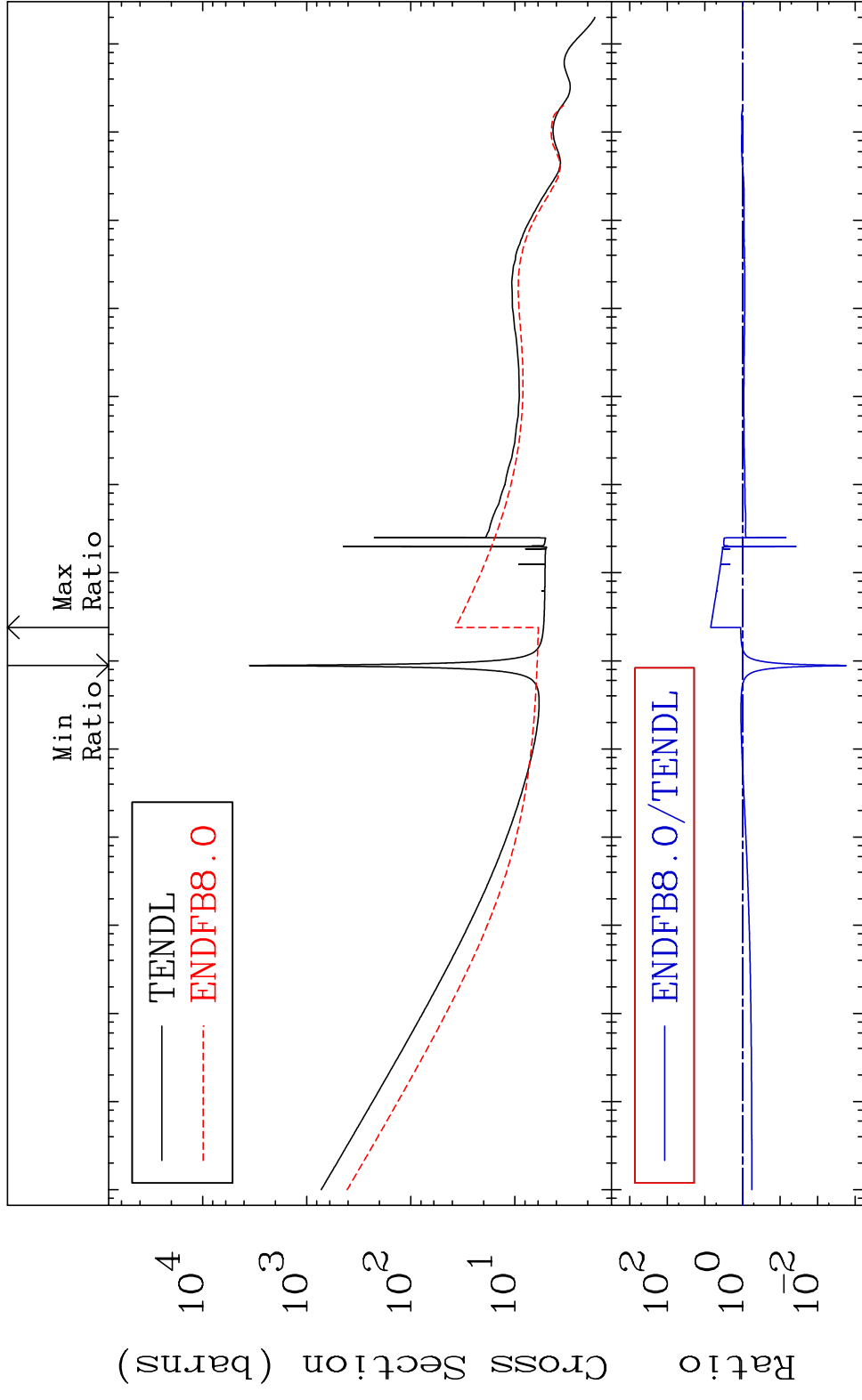
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4246

Total Cross Section -99.83 To 600.2 %

42-Mo-99



42-Mo-99

Incident Energy (eV)

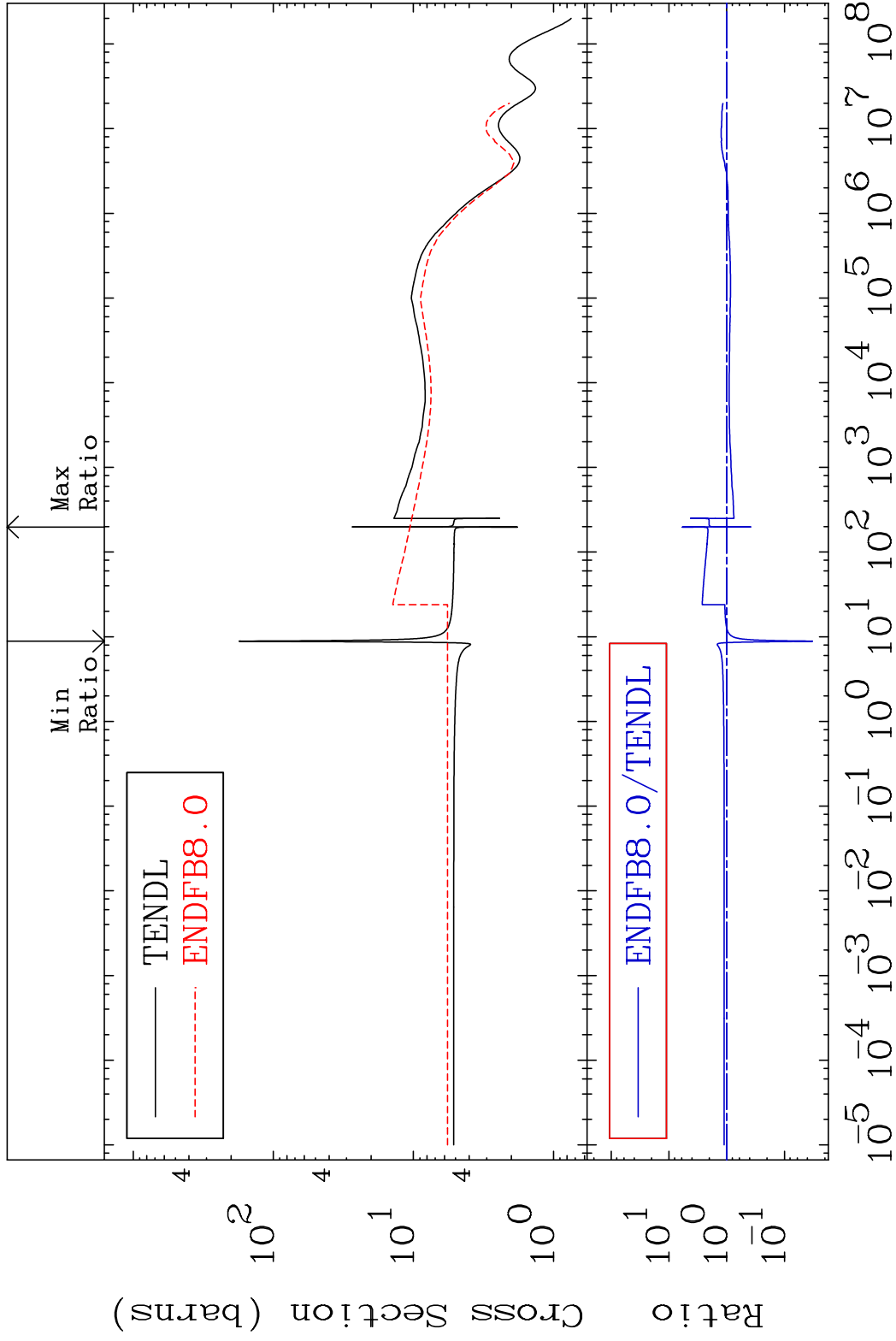
1

MAT 4246

Elastic

42-Mo-99

Cross Section -96.74 To 485.8 %

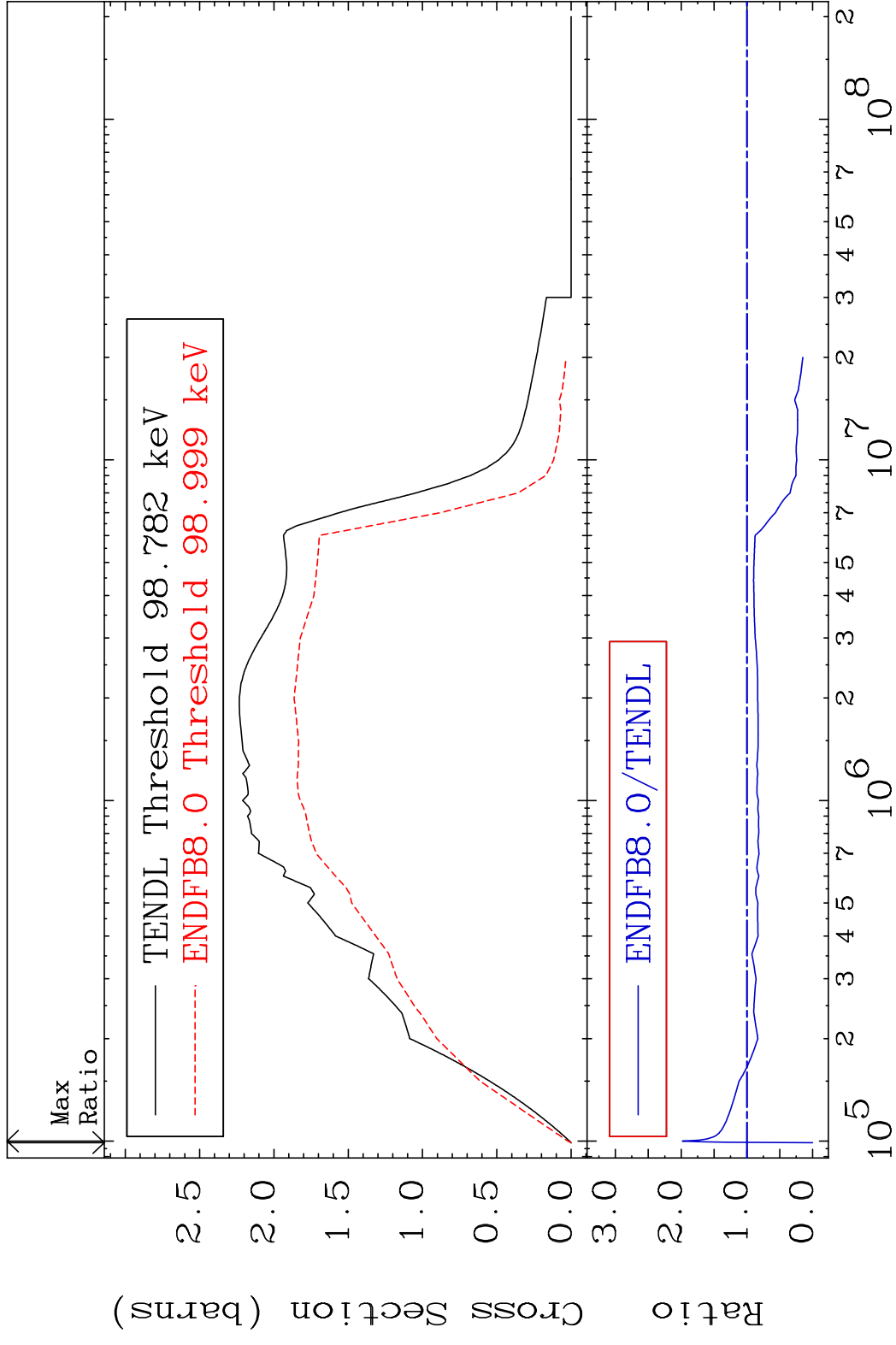


2

Incident Energy (eV)

42-Mo-99

MAT 4246 Inelastic Cross Section -100.0 To 98.16 % 42-Mo-99



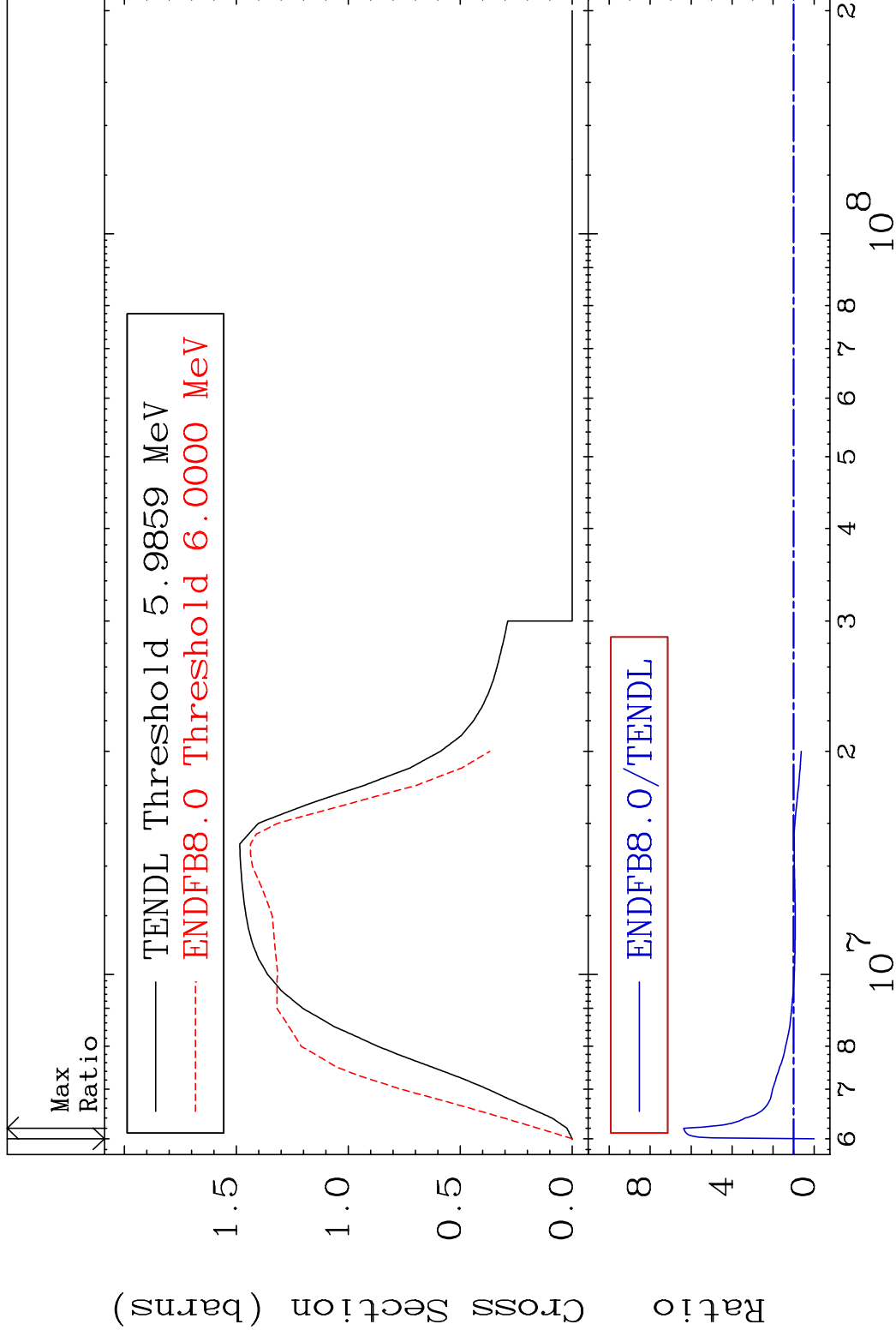
3 3 4 5 7 2 3 4 5 7 8 2 42-Mo-99

MAT 4246

(n,2n)

42-Mo-99

Cross Section -100.0 To 536.7 %



4

Incident Energy (eV)

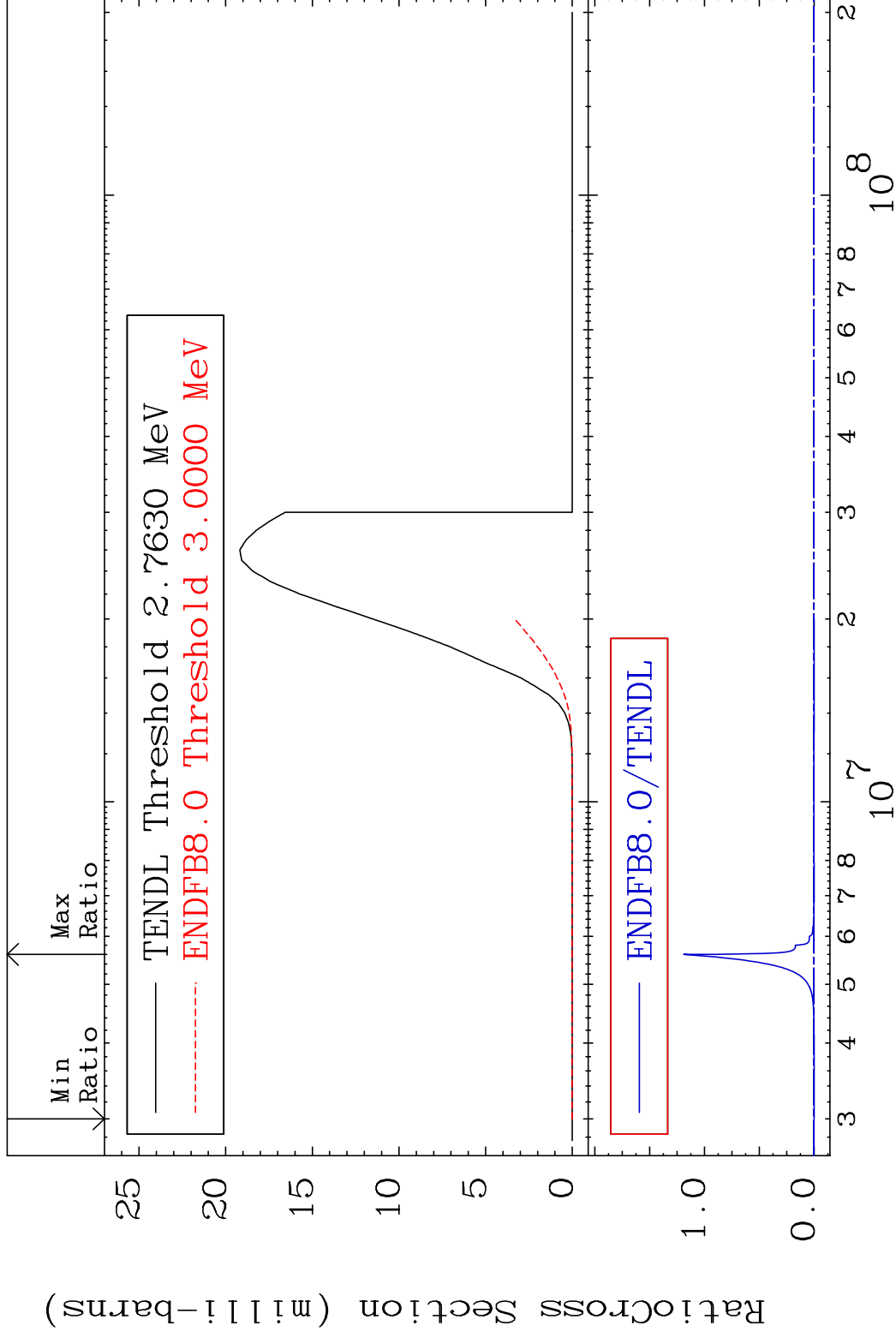
42-Mo-99

MAT 4246

(n, n') α

42-Mo-99

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

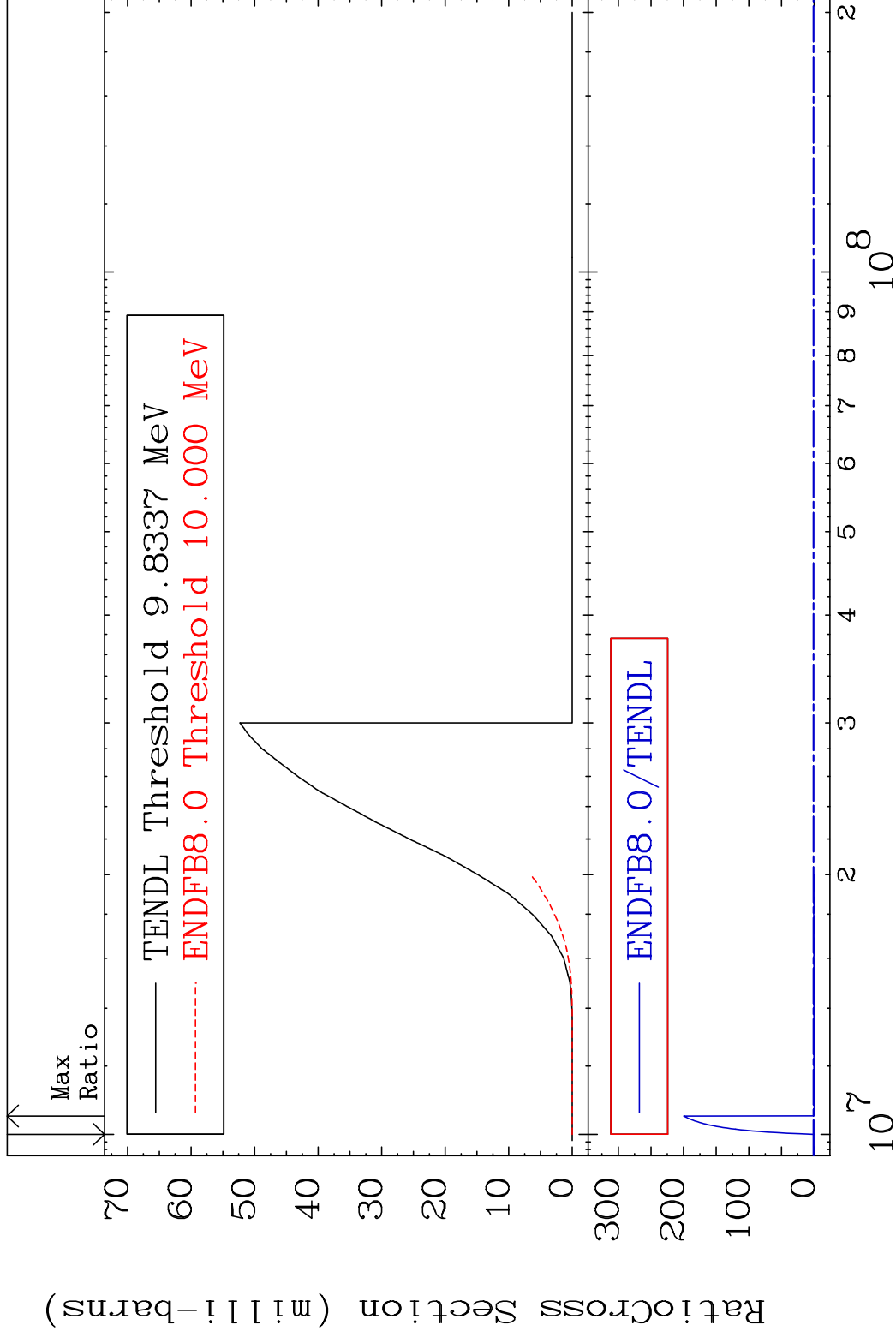
42-Mo-99

MAT 4246

(n, n') p

42-Mo-99

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

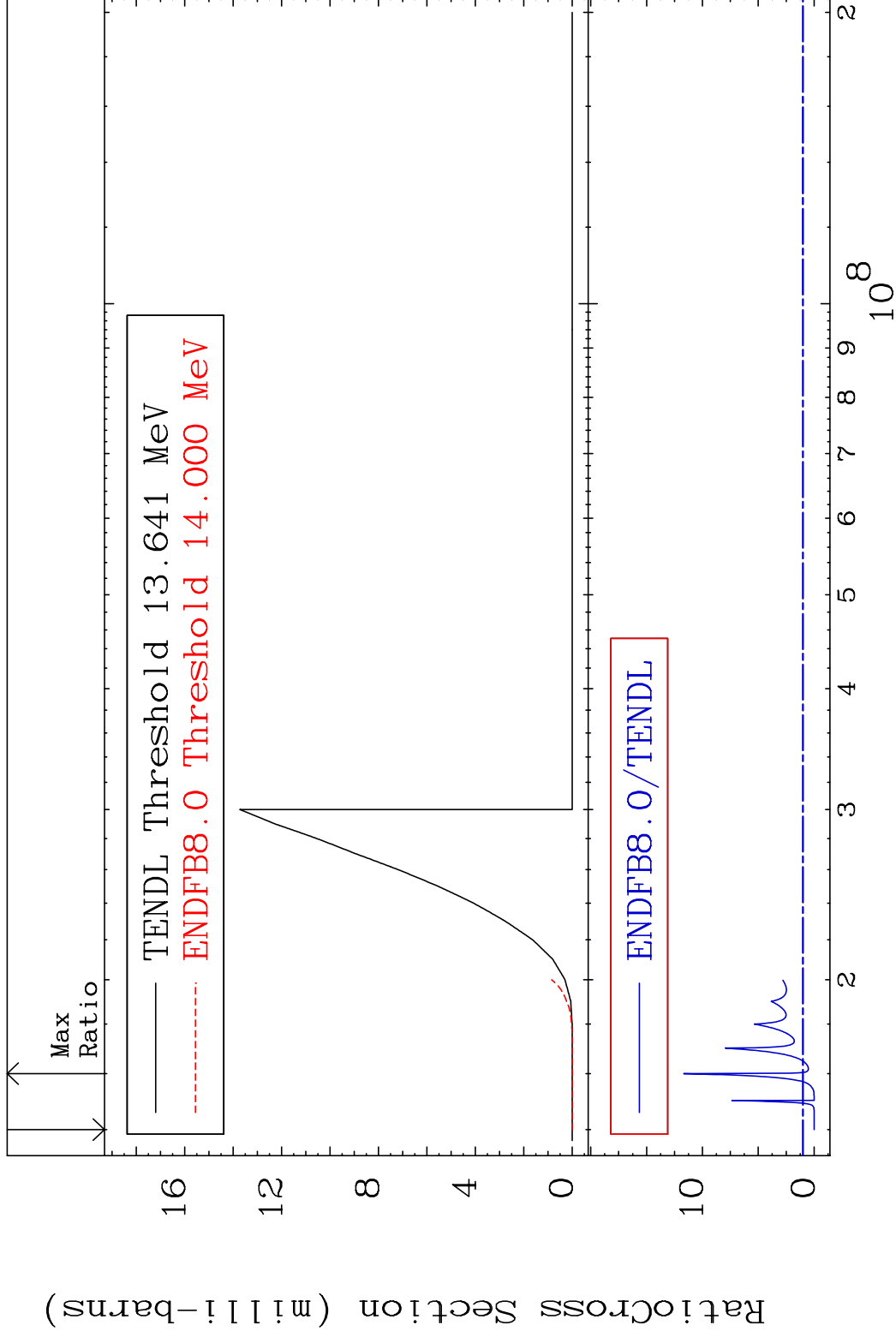
42-Mo-99

MAT 4246

(n, n') d

42-Mo-99

Cross Section -100.0 To 1068. %



8

Incident Energy (eV)

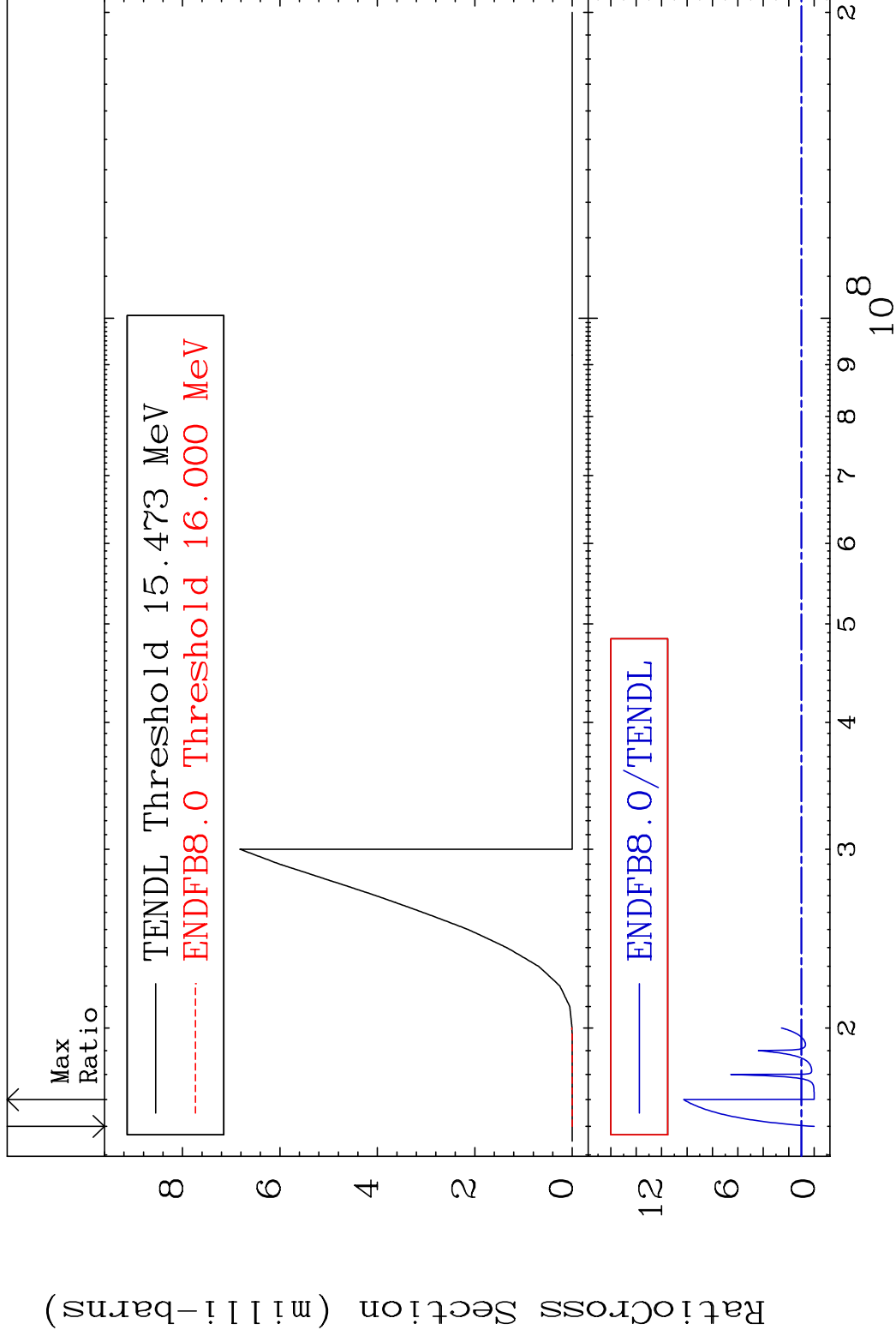
42-Mo-99

MAT 4246

(n, n') t

42-Mo-99

Cross Section -100.0 To 926.7 %

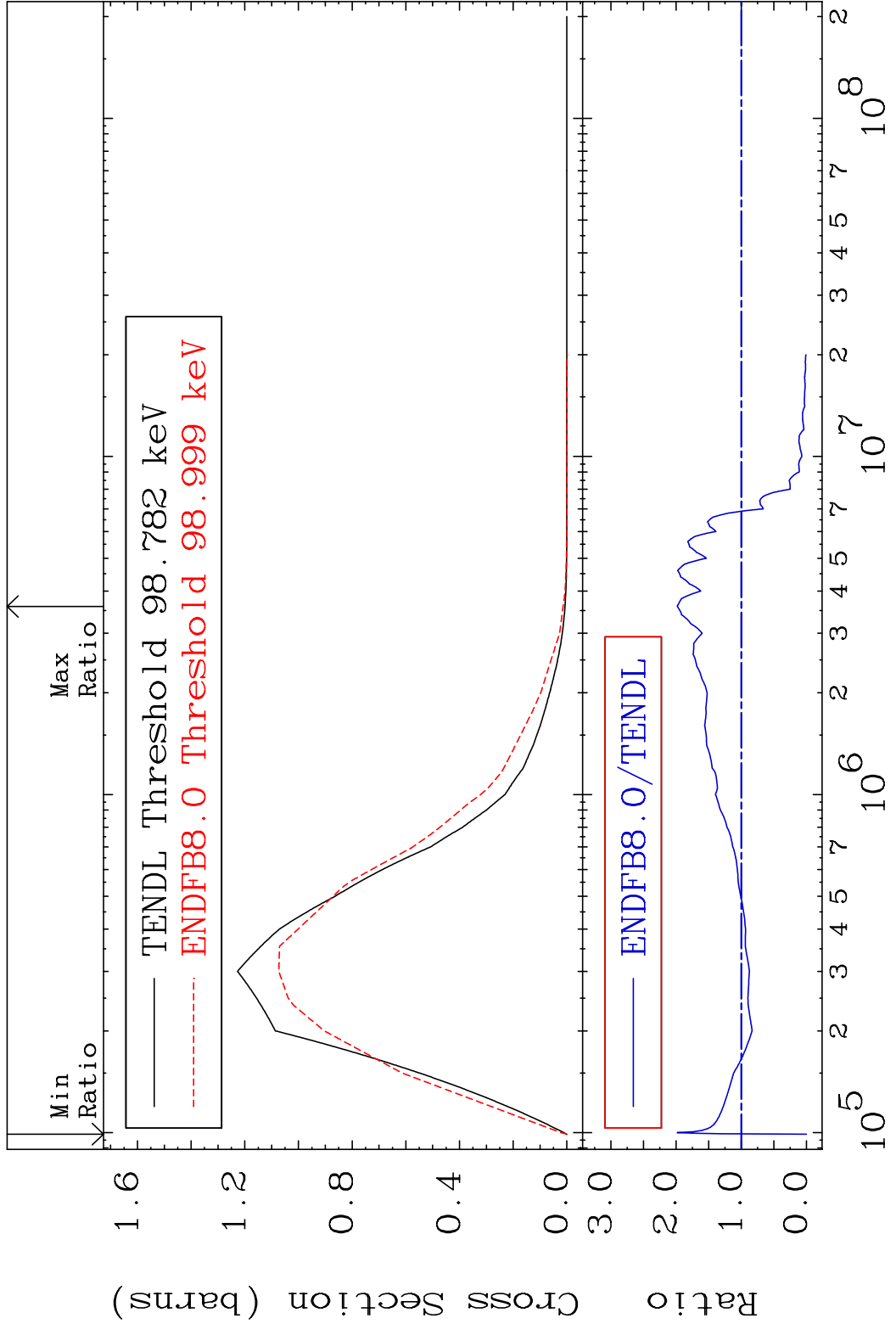


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Incident Energy (eV)

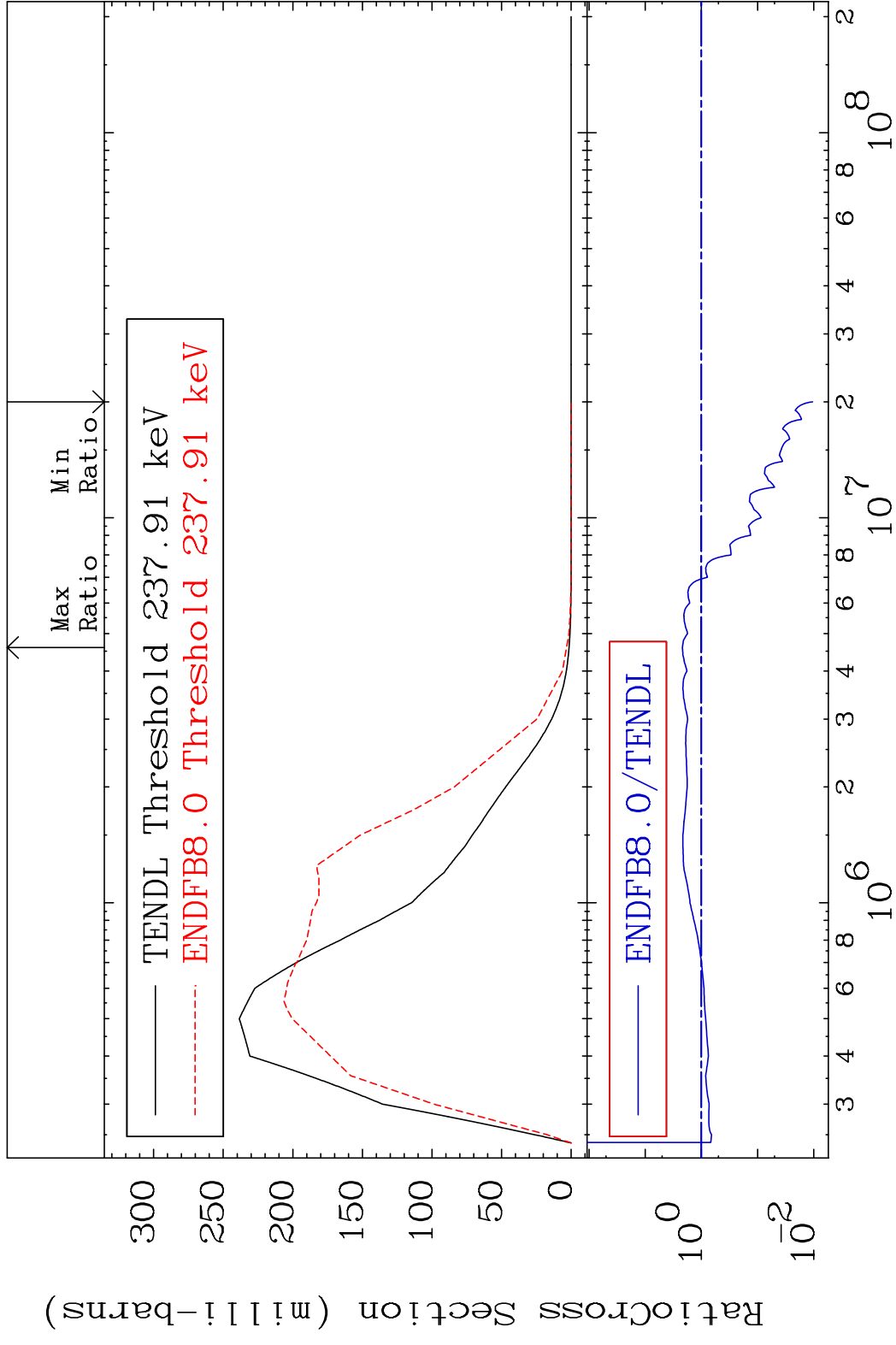
42-Mo-99

MAT 4246 MT= 51 (n, n') Level 42-Mo-99
 Cross Section -100.0 To 98.35 %

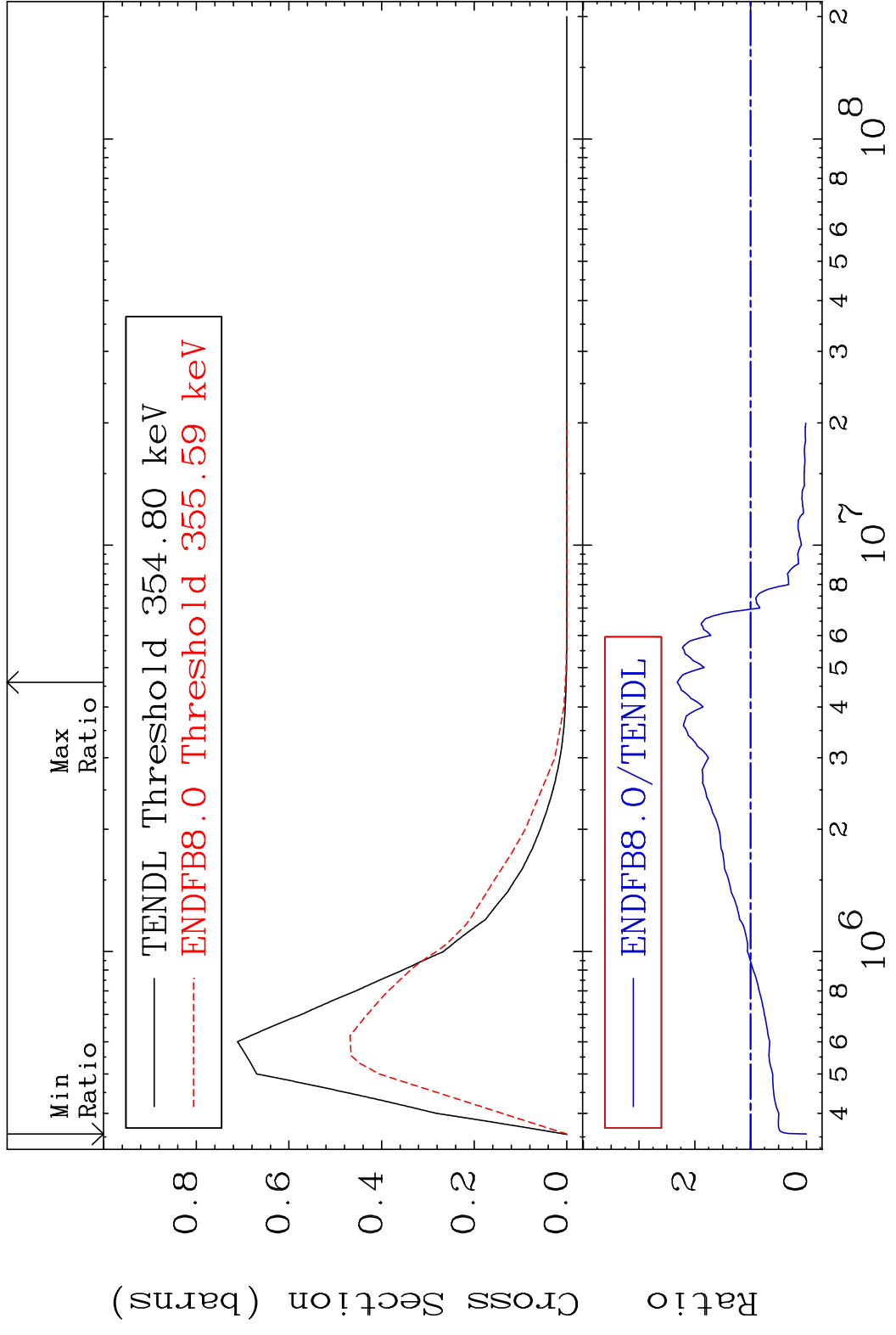


10 Incident Energy (eV) 42-Mo-99

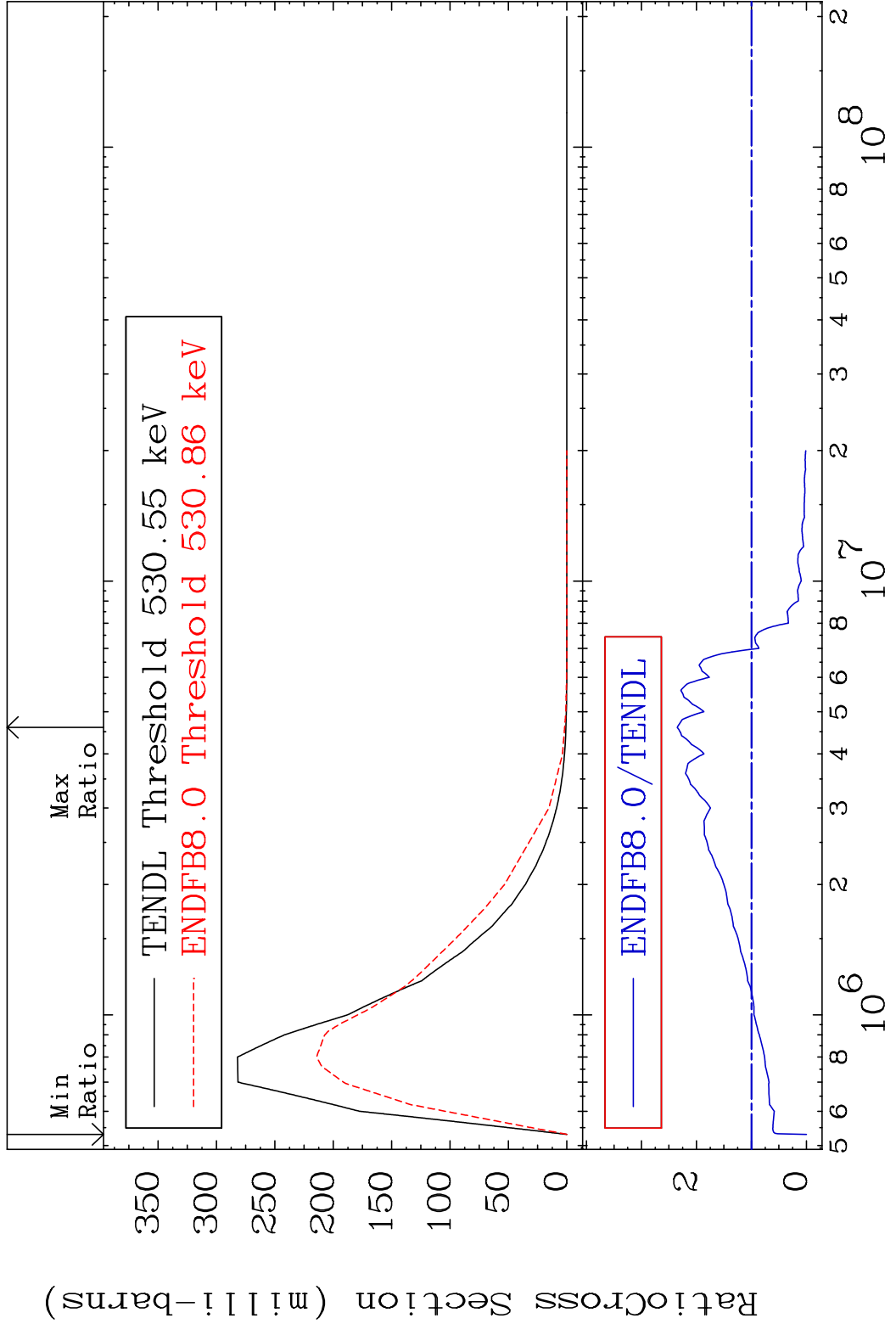
MAT 4246 MT= 52 (n, n') Level 42-Mo-99
 Cross Section -98.95 To 118.6 %



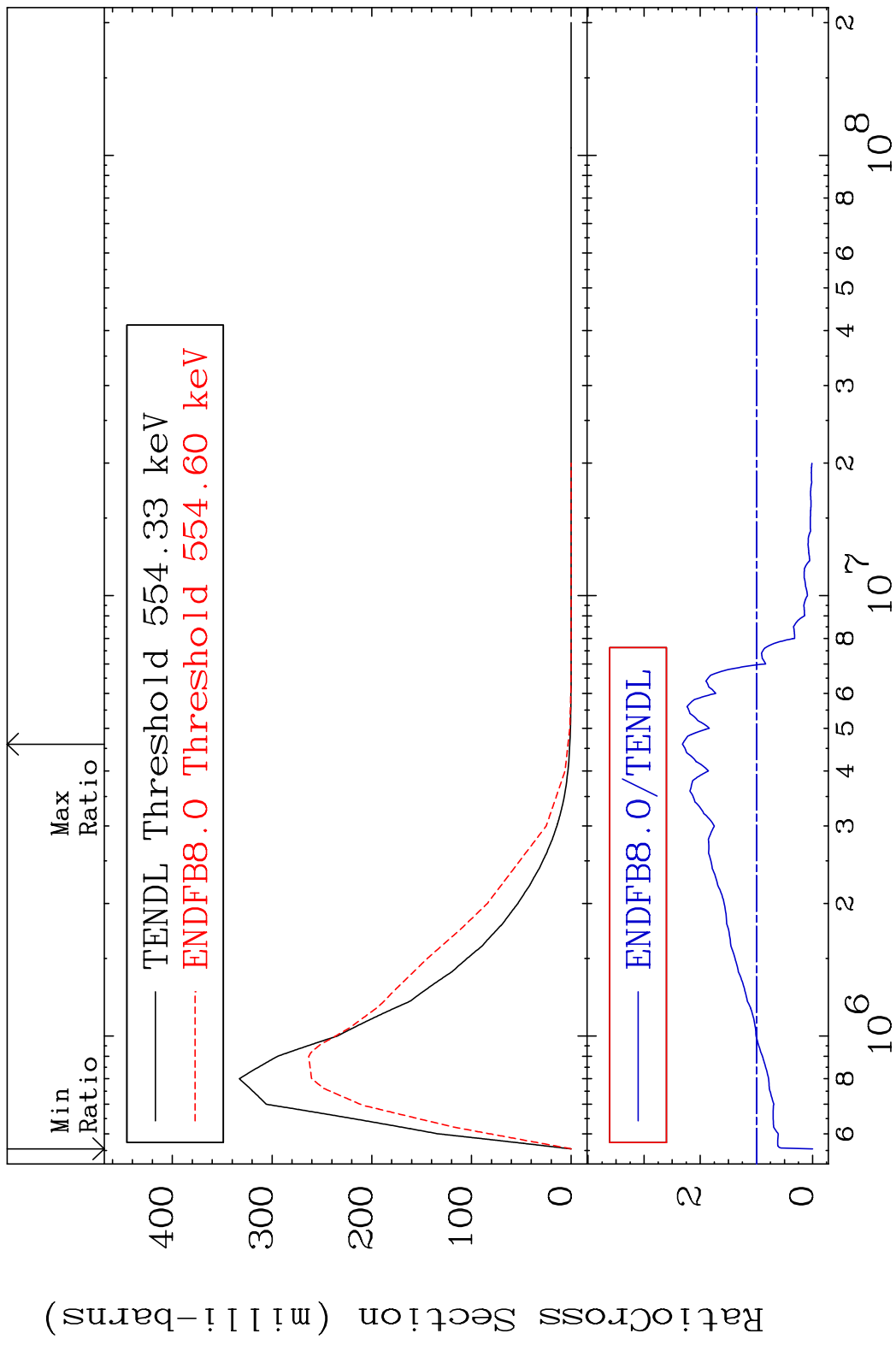
MAT 4246 MT= 53 (n, n') Level 42-Mo-99
 Cross Section -100.0 To 131.6 %



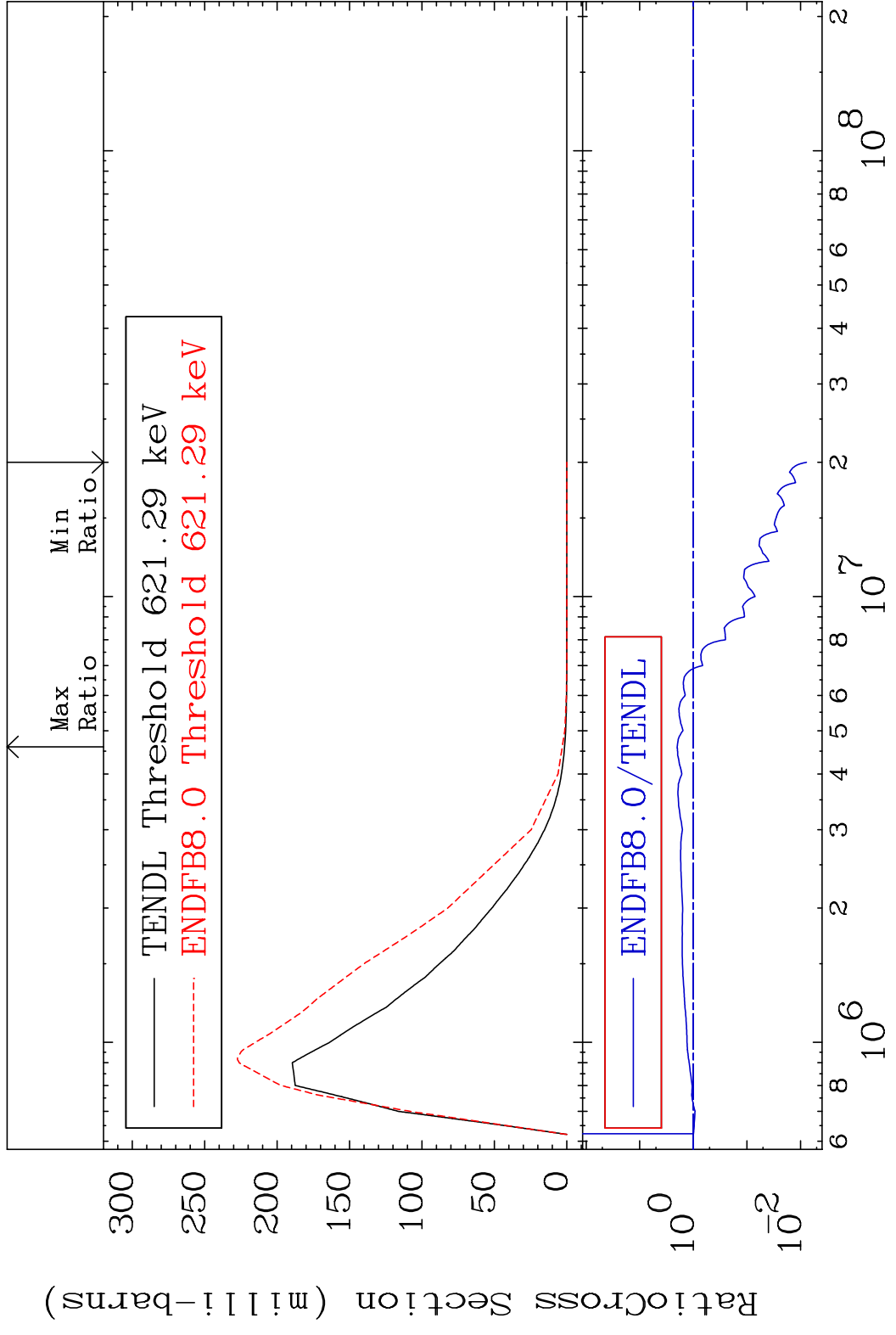
MAT 4246 MT= 54 (n, n') Level 42-Mo-99
 Cross Section -100.0 To 135.0 %



MAT 4246 MT= 55 (n, n') Level 42-Mo-99
 Cross Section -100.0 To 131.9 %

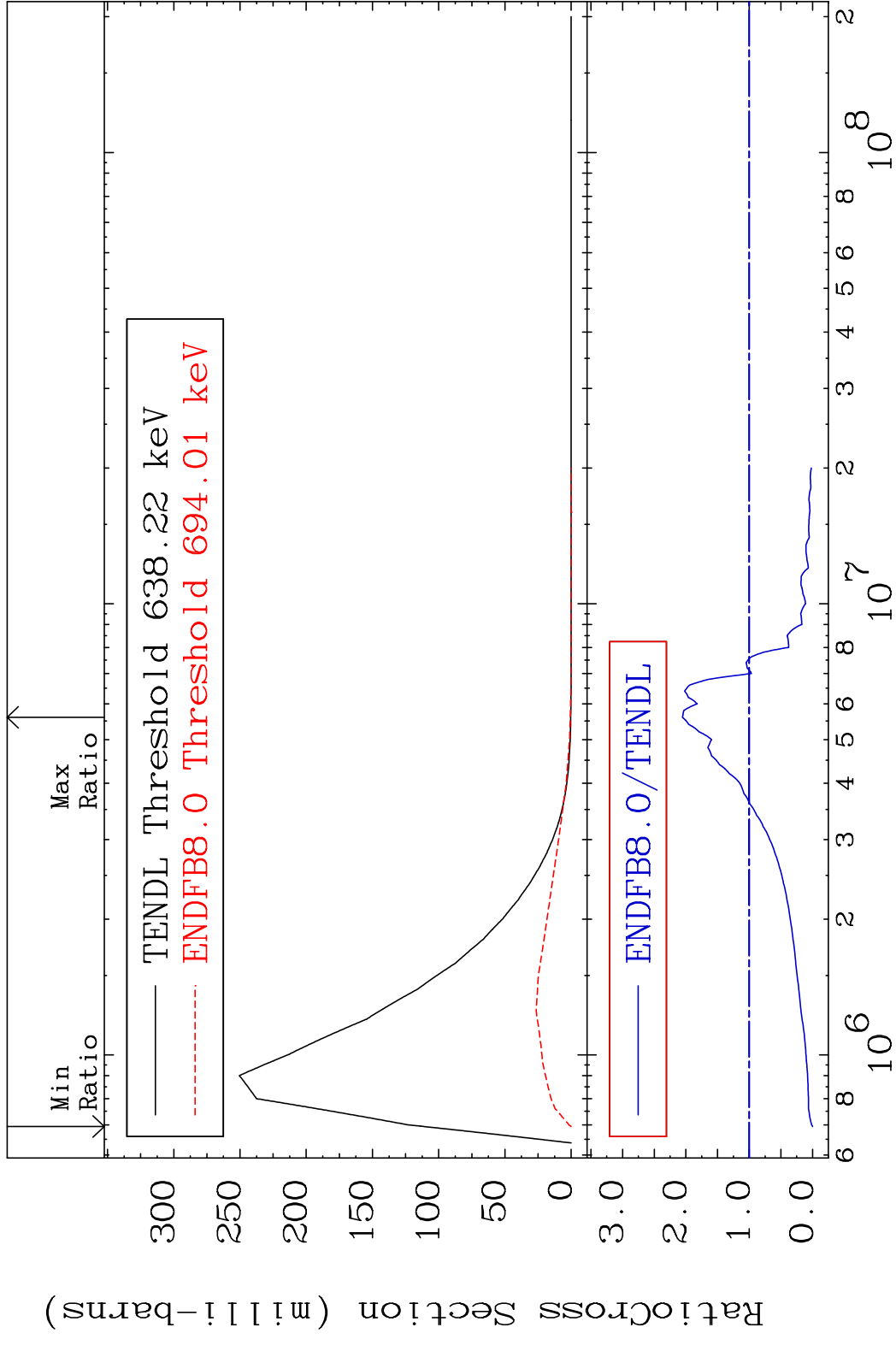


MAT 4246 MT= 56 (n, n') Level 42-Mo-99
 Cross Section -99.22 To 100.2 %

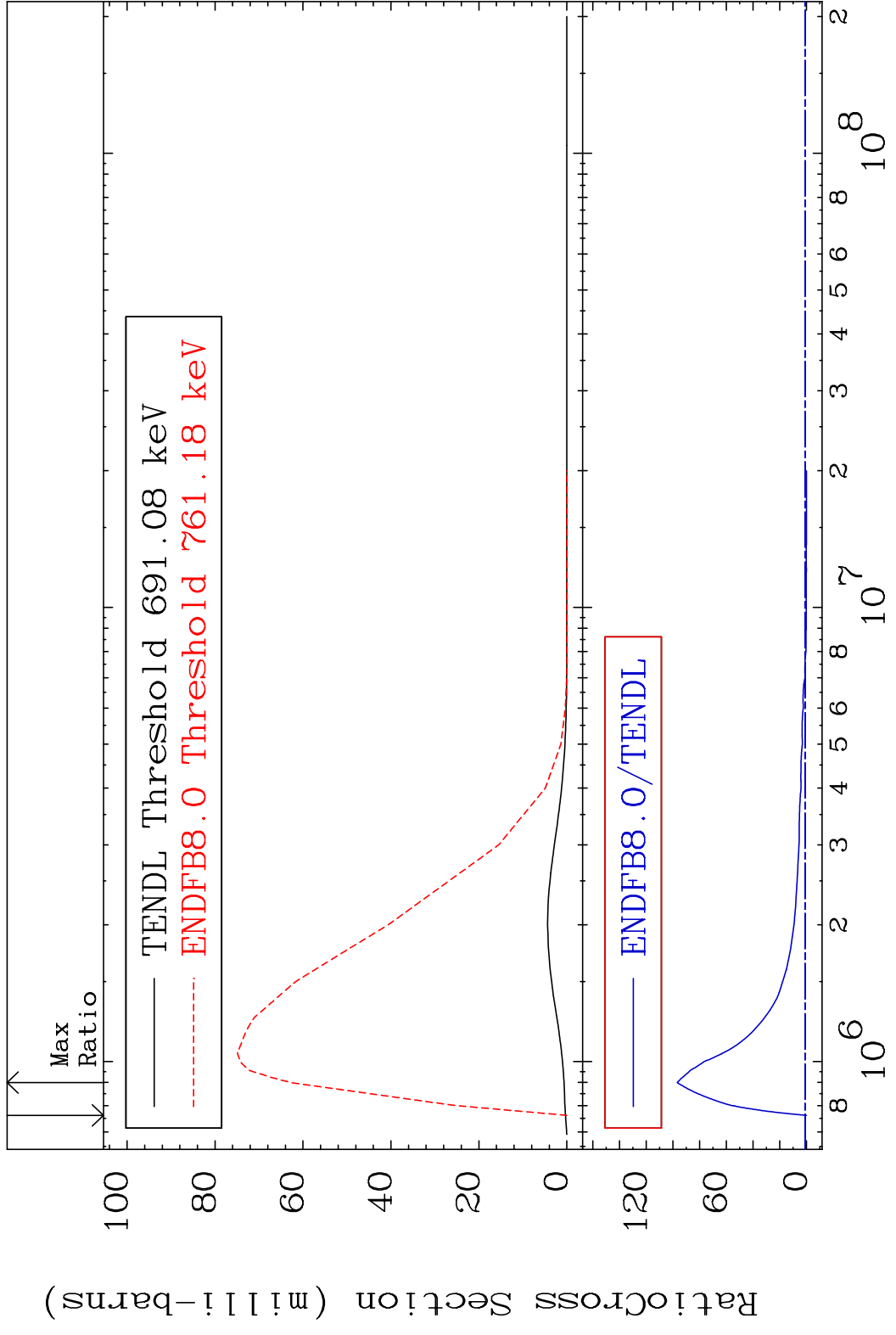


15 Incident Energy (eV) 42-Mo-99

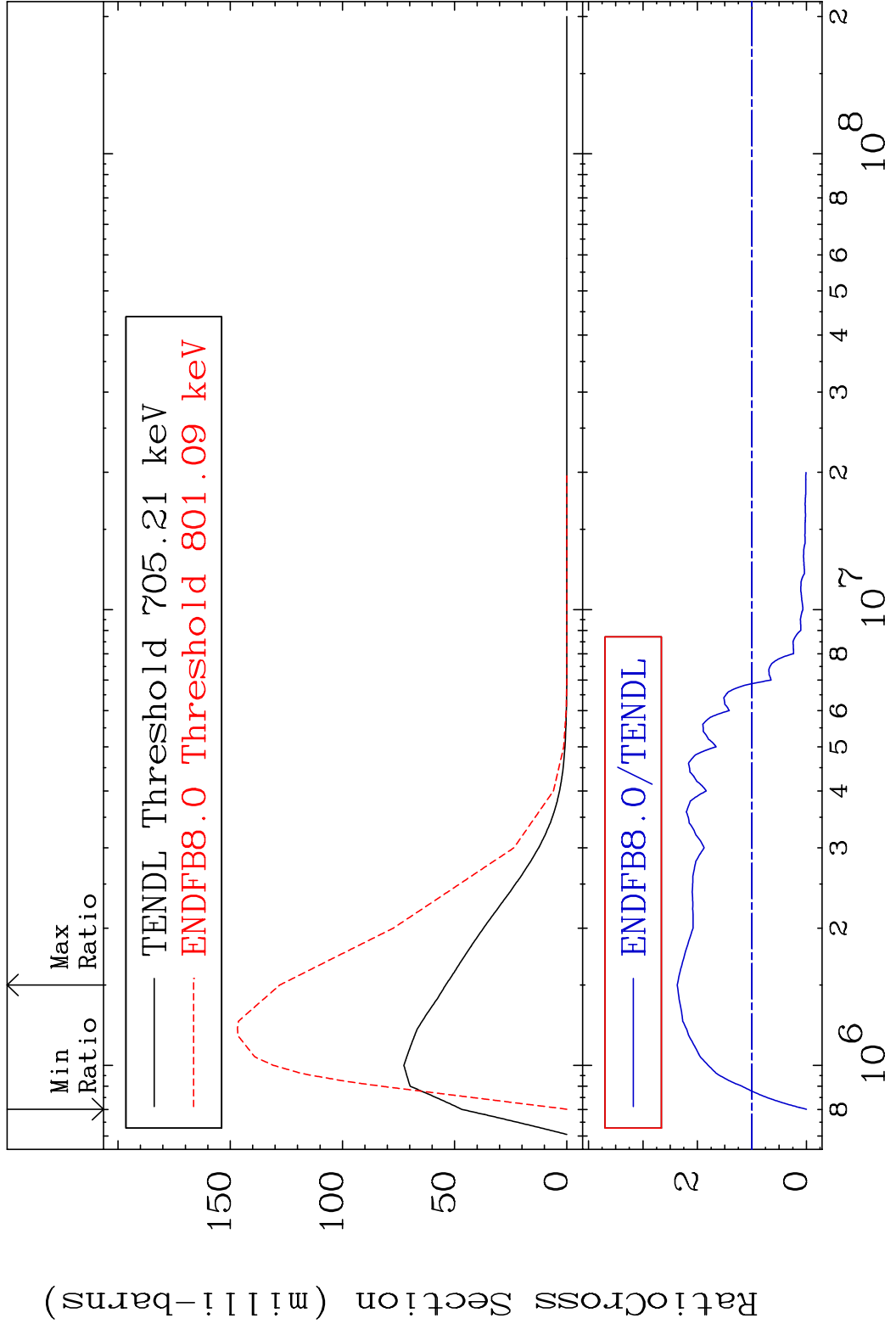
MAT 4246 MT= 57 (n, n') Level 42-Mo-99
 Cross Section -100.0 To 105.6 %



MAT 4246 MT= 58 (n,n') Level 42-Mo-99
 Cross Section -100.0 To 9583. %

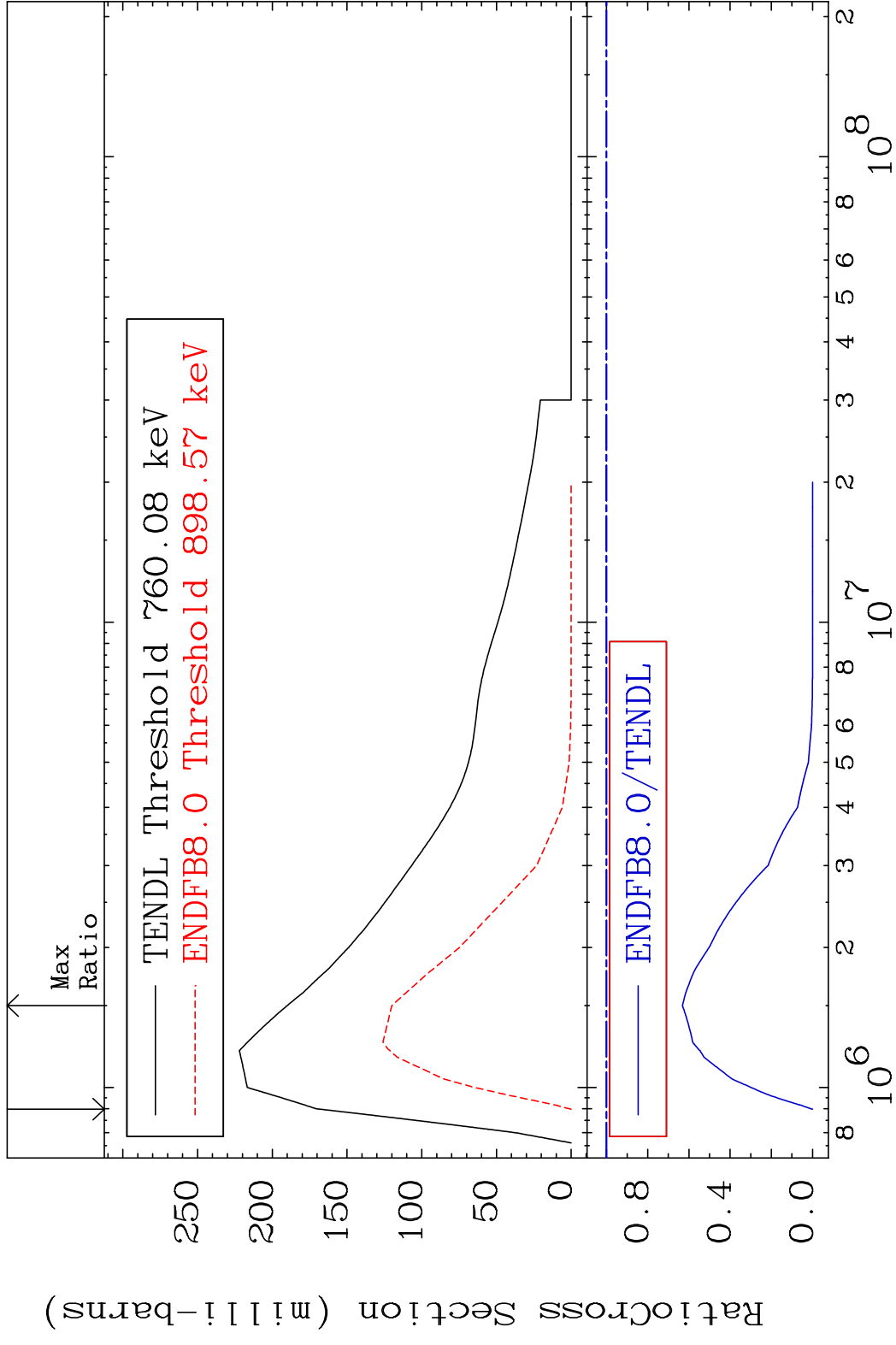


MAT 4246 MT= 59 (n, n') Level 42-Mo-99
 Cross Section -100.0 To 137.2 %

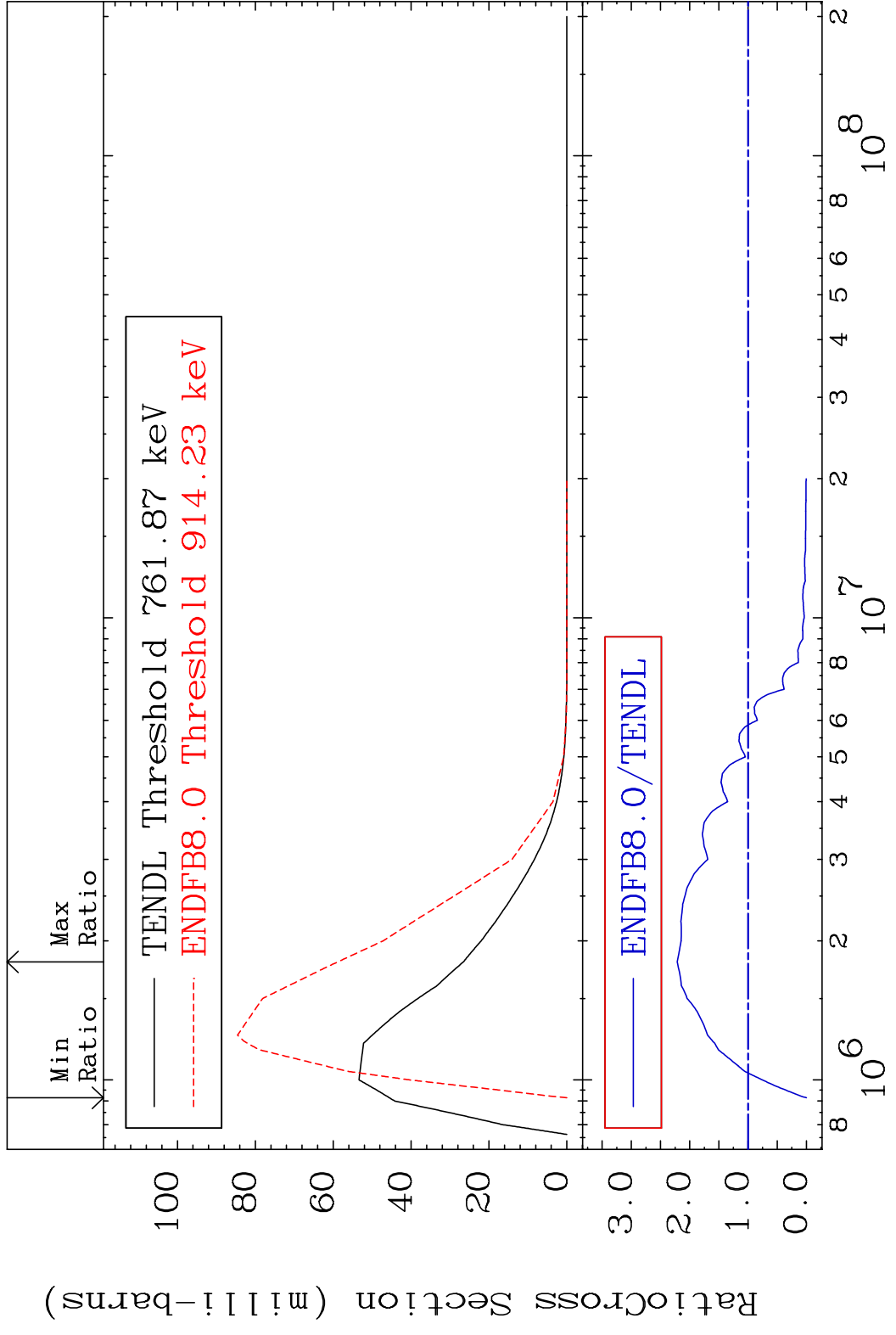


18 42-Mo-99

MAT 4246 MT= 60 (n, n') Level 42-Mo-99
 Cross Section -100.0 To -36.82%

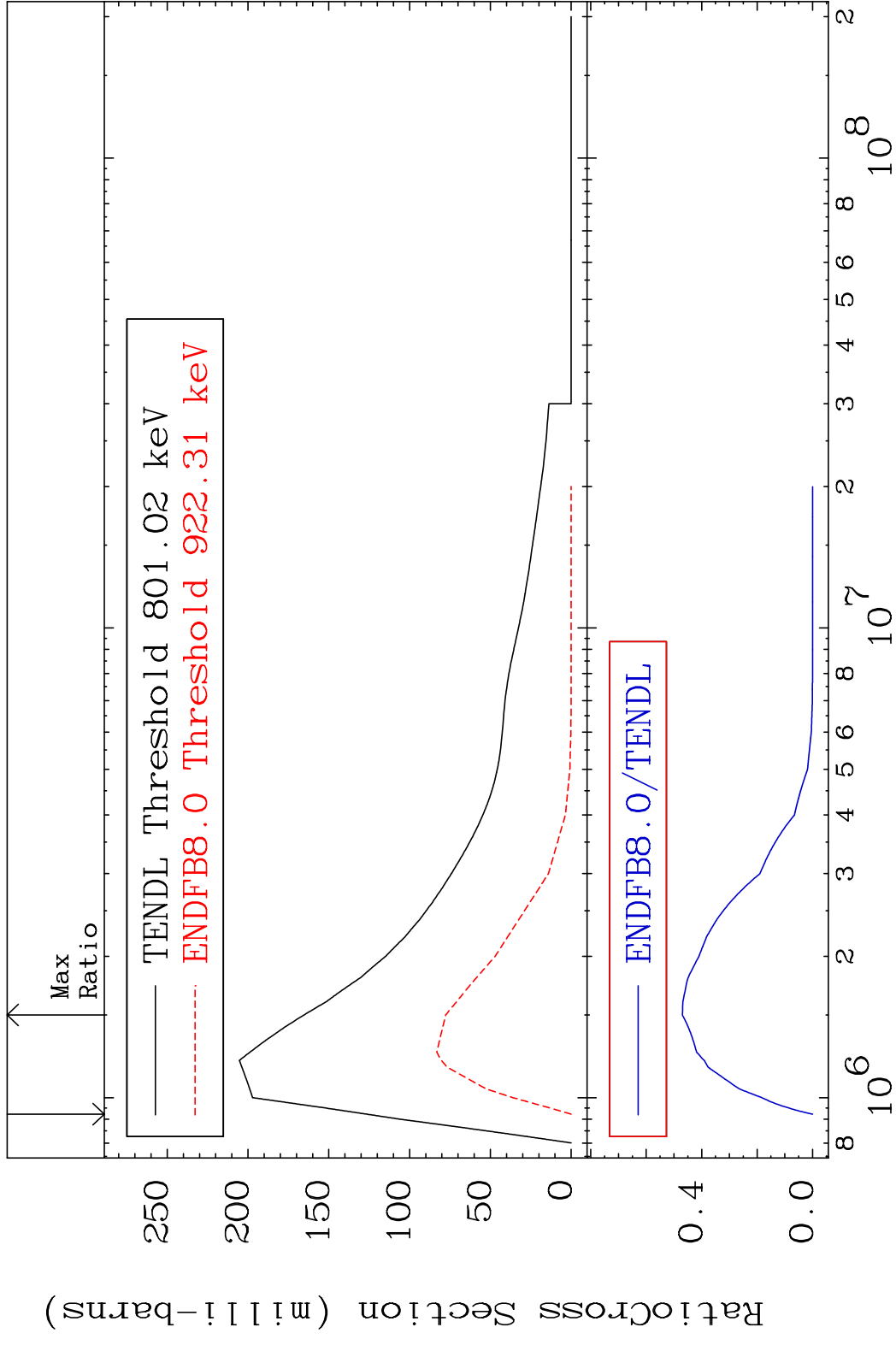


MAT 4246 MT= 61 (n, n') Level 42-Mo-99
 Cross Section -100.0 To 121.4 %

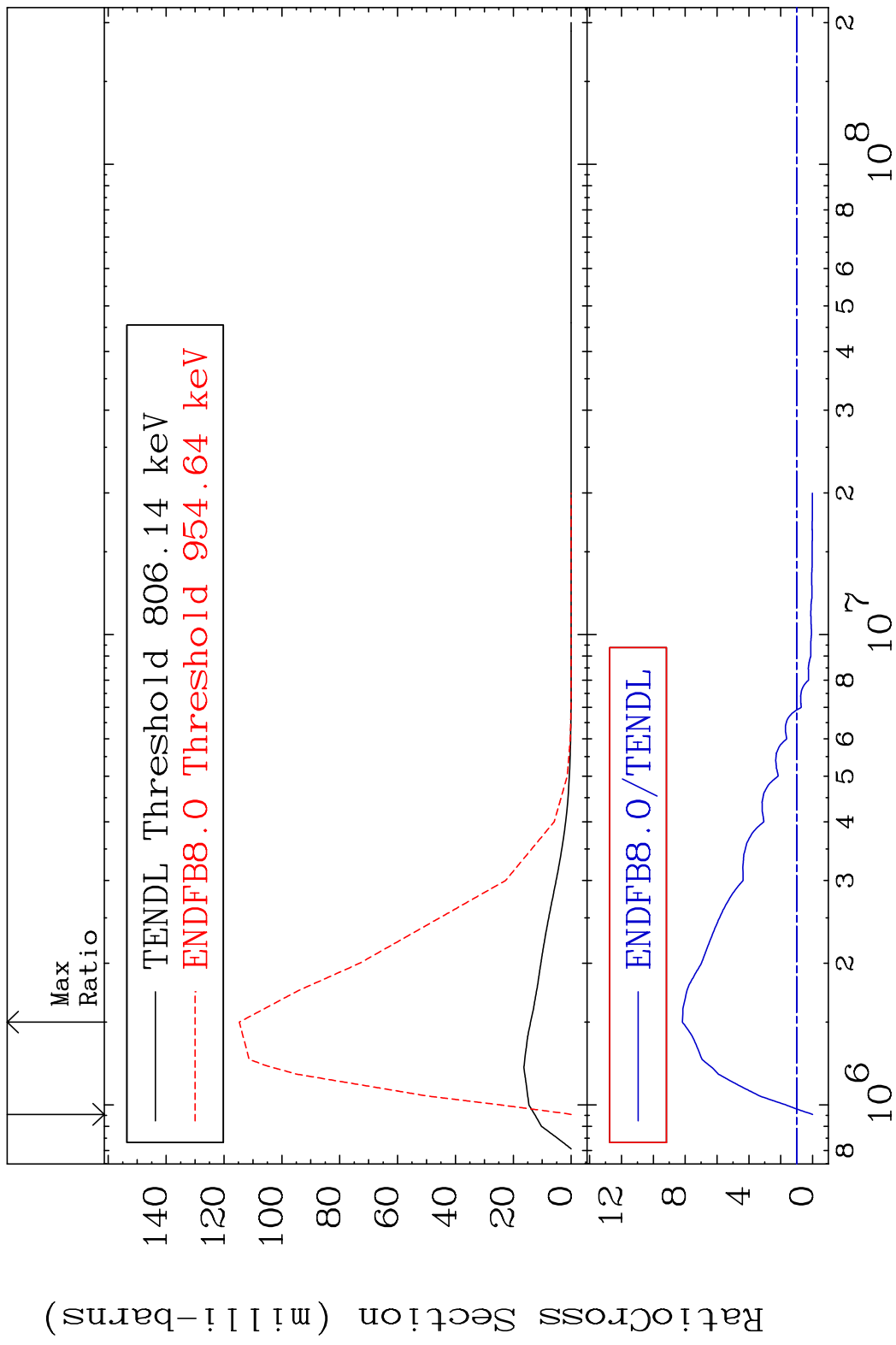


20 Incident Energy (eV) 42-Mo-99

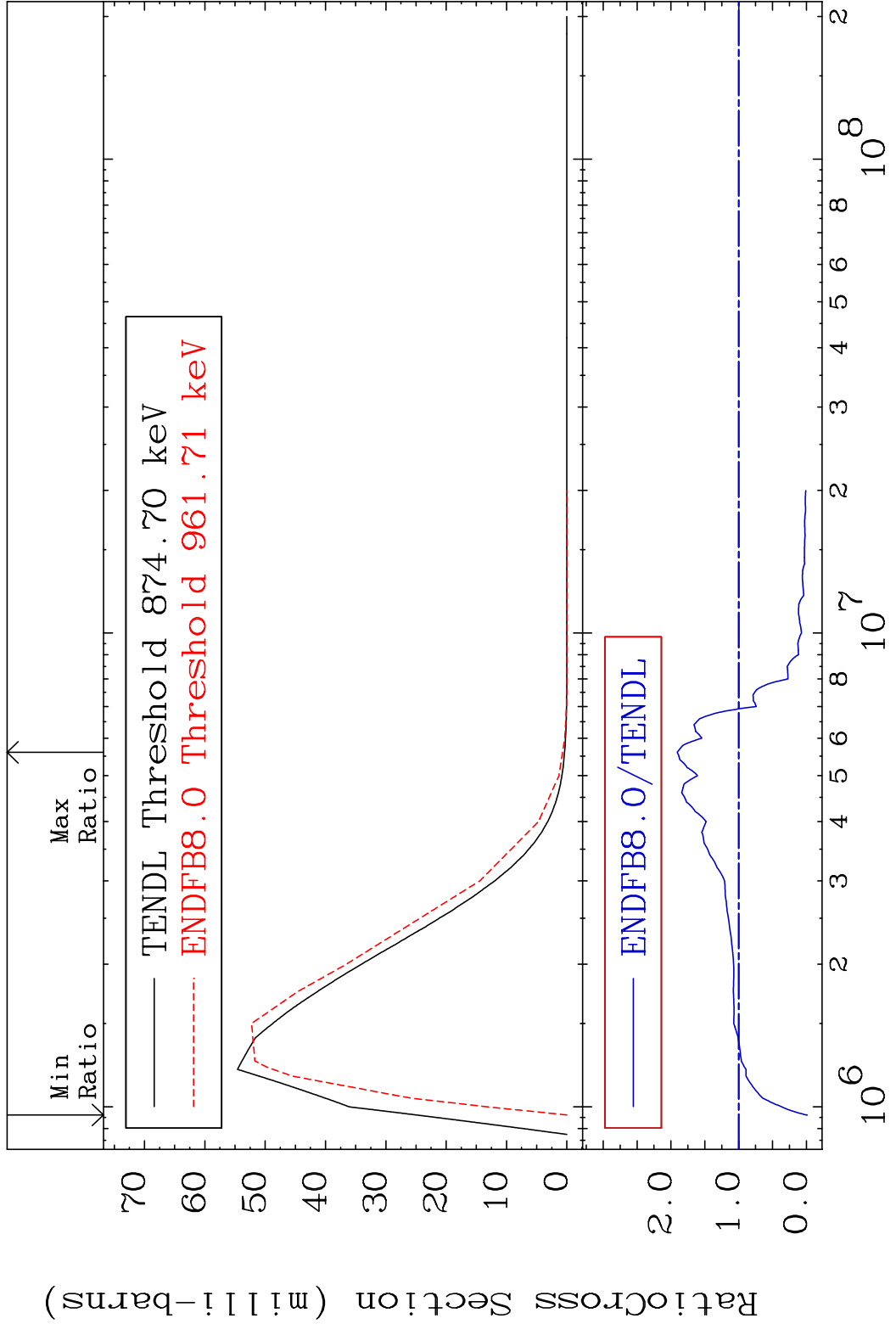
MAT 4246 MT= 62 (n, n') Level 42-Mo-99
 Cross Section -100.0 To -53.03%



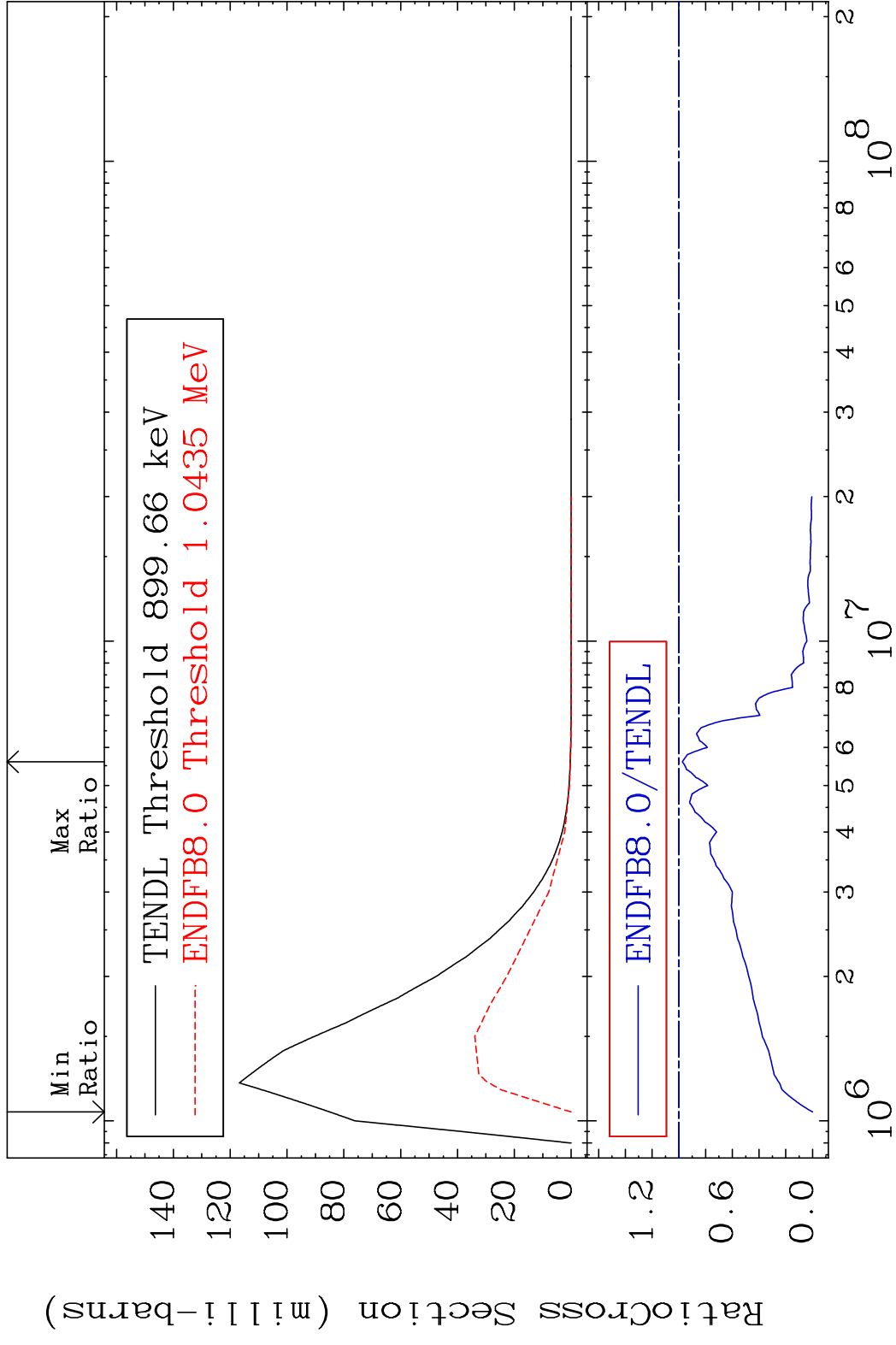
MAT 4246 MT= 63 (n, n') Level 42-Mo-99
 Cross Section -100.0 To 717.8 %



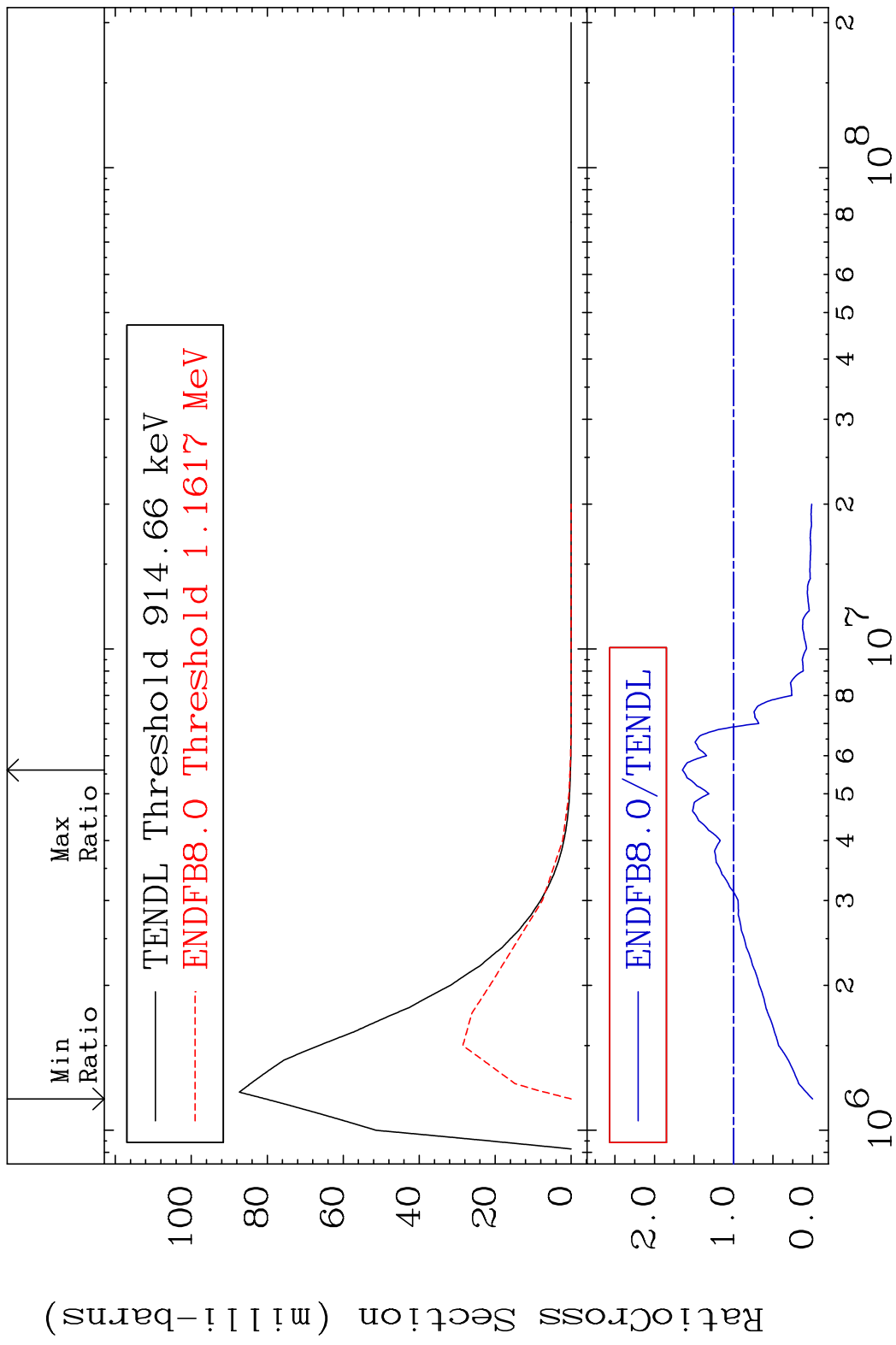
MAT 4246 MT= 64 (n, n') Level 42-Mo-99
 Cross Section -100.0 To 90.79 %



MAT 4246 MT= 65 (n,n') Level 42-Mo-99
 Cross Section -100.0 To -2.640%



MAT 4246 MT= 66 (n,n') Level 42-Mo-99
 Cross Section -100.0 To 64.74 %



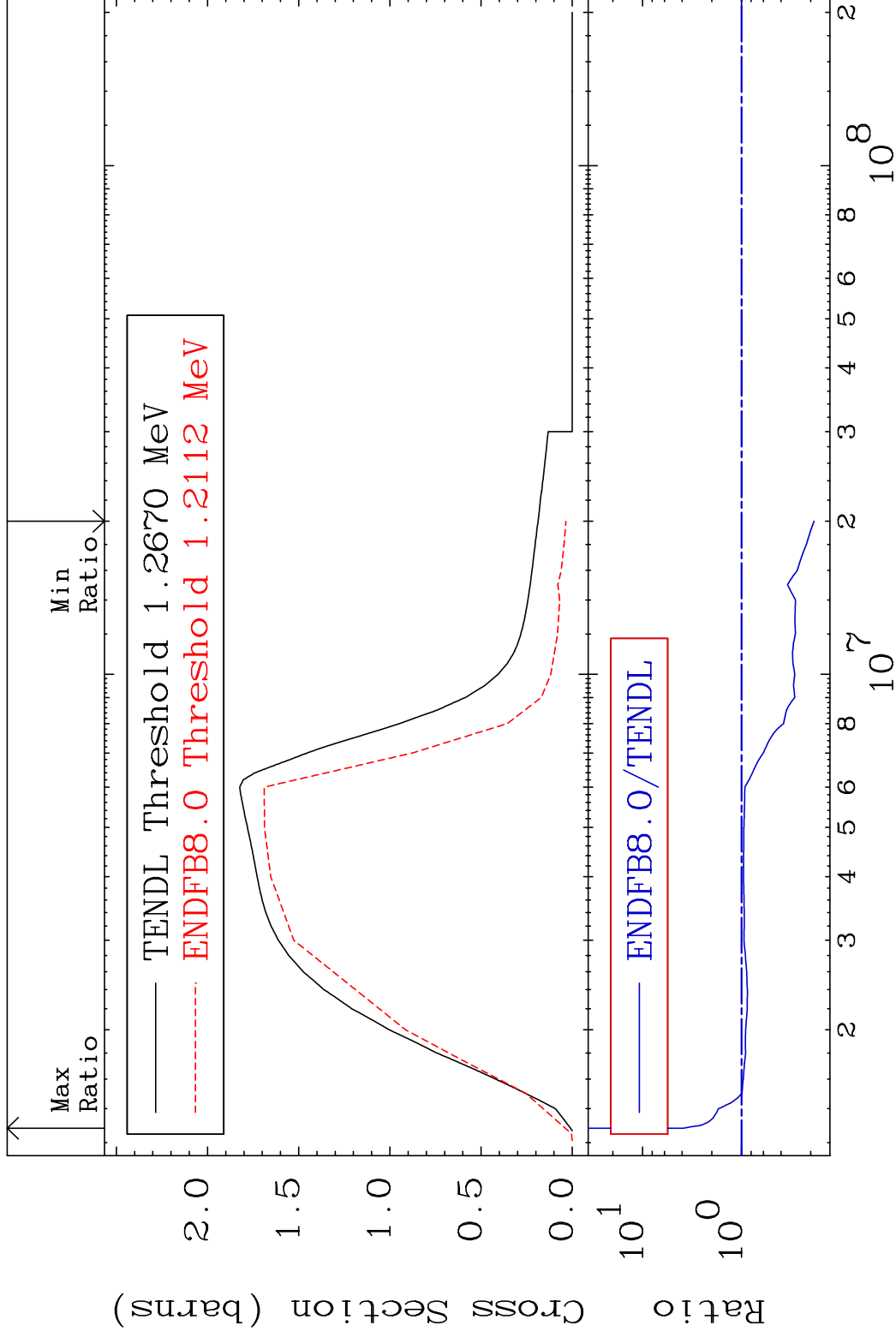
25 Incident Energy (eV) 42-Mo-99

MAT 4246

(n, n') Continuum

42-Mo-99

Cross Section -81.50 To 284.9 %



26

Incident Energy (eV)

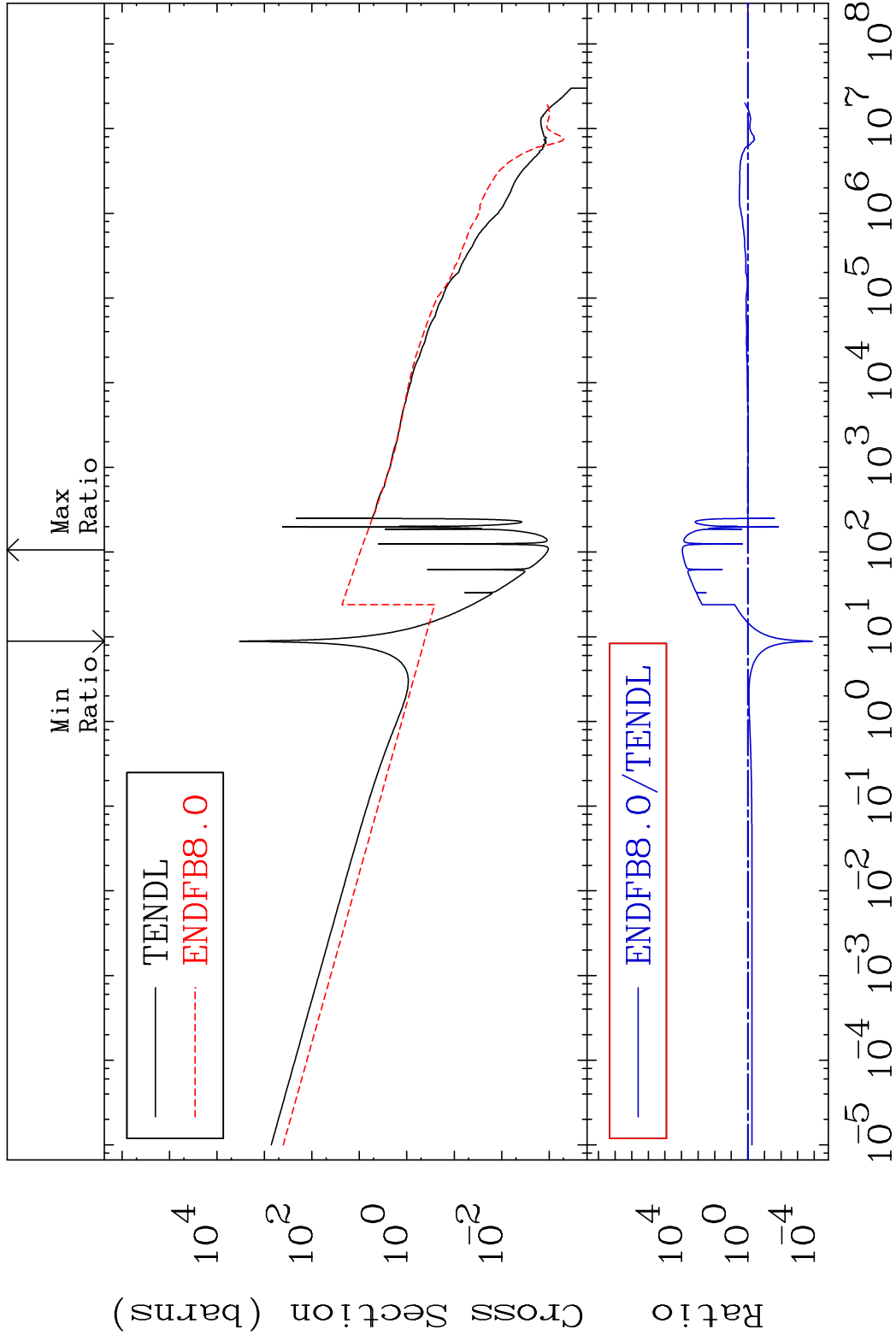
42-Mo-99

MAT 4246

(n, γ)

42-Mo-99

Cross Section -99.99 To 9999. %

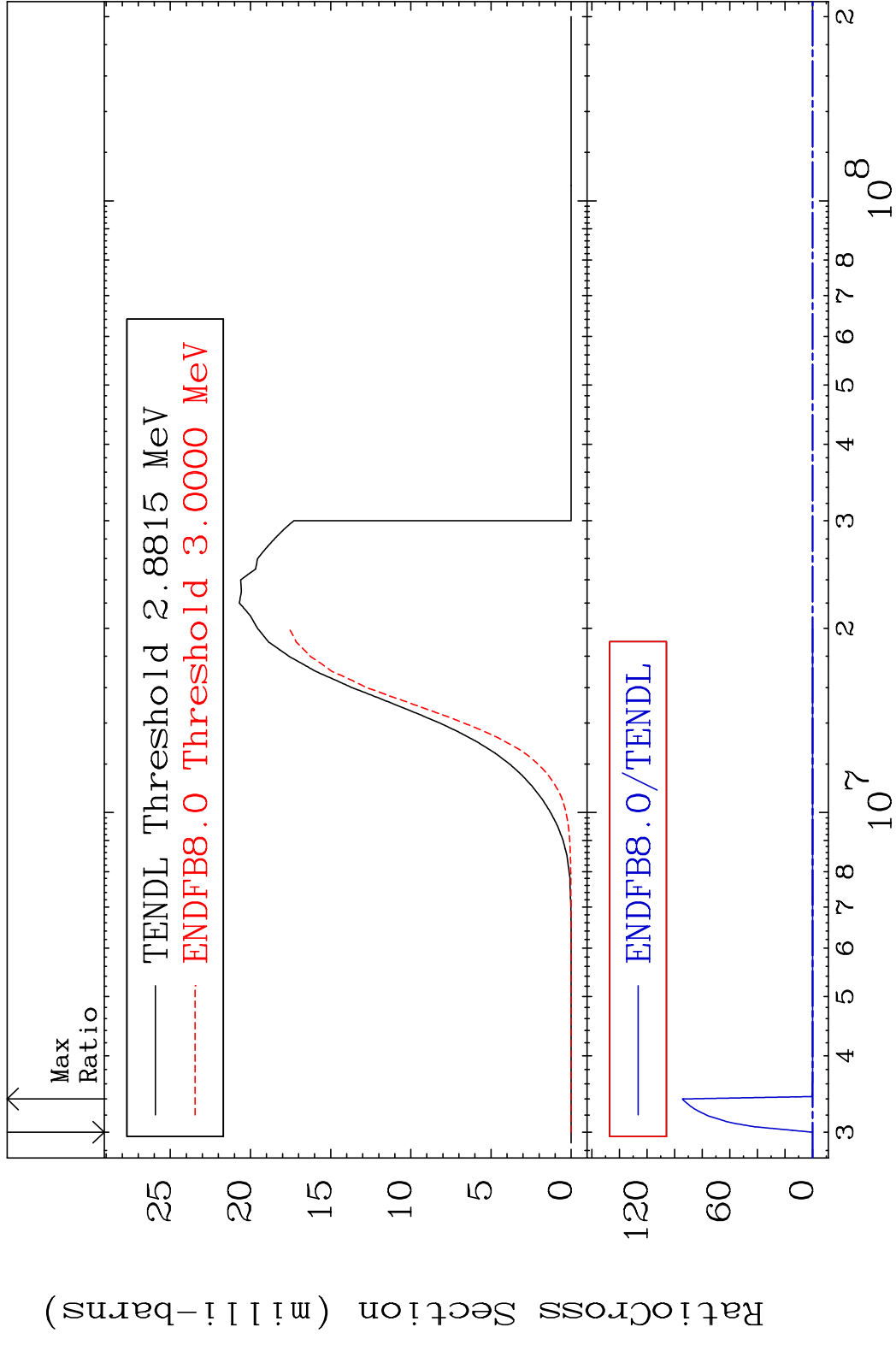


27

Incident Energy (eV)

42-Mo-99

MAT 4246 (n,p) 42-Mo-99
 Cross Section -100.0 To 9999. %

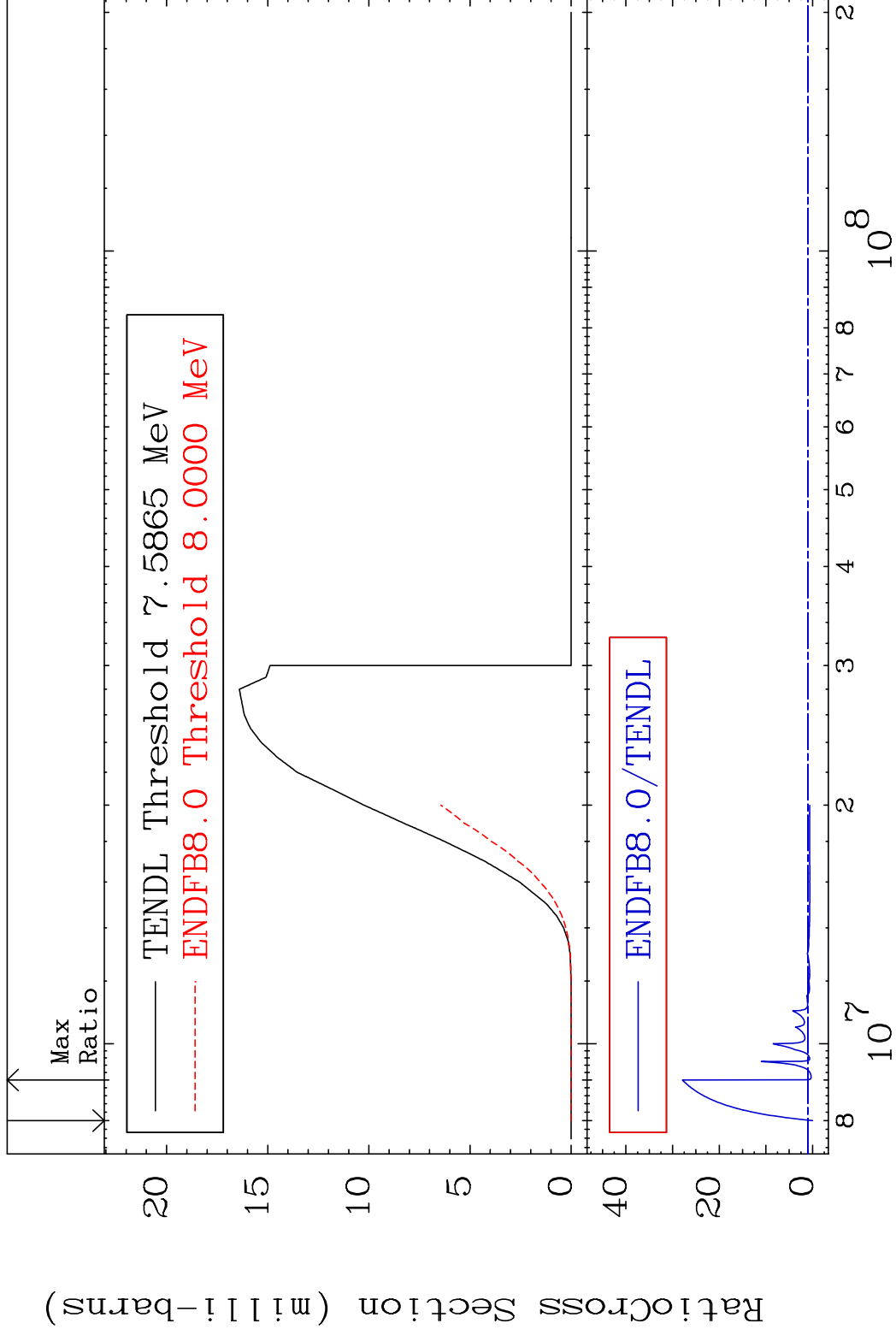


MAT 4246

(n,d)

42-Mo-99

Cross Section -100.0 To 2691. %

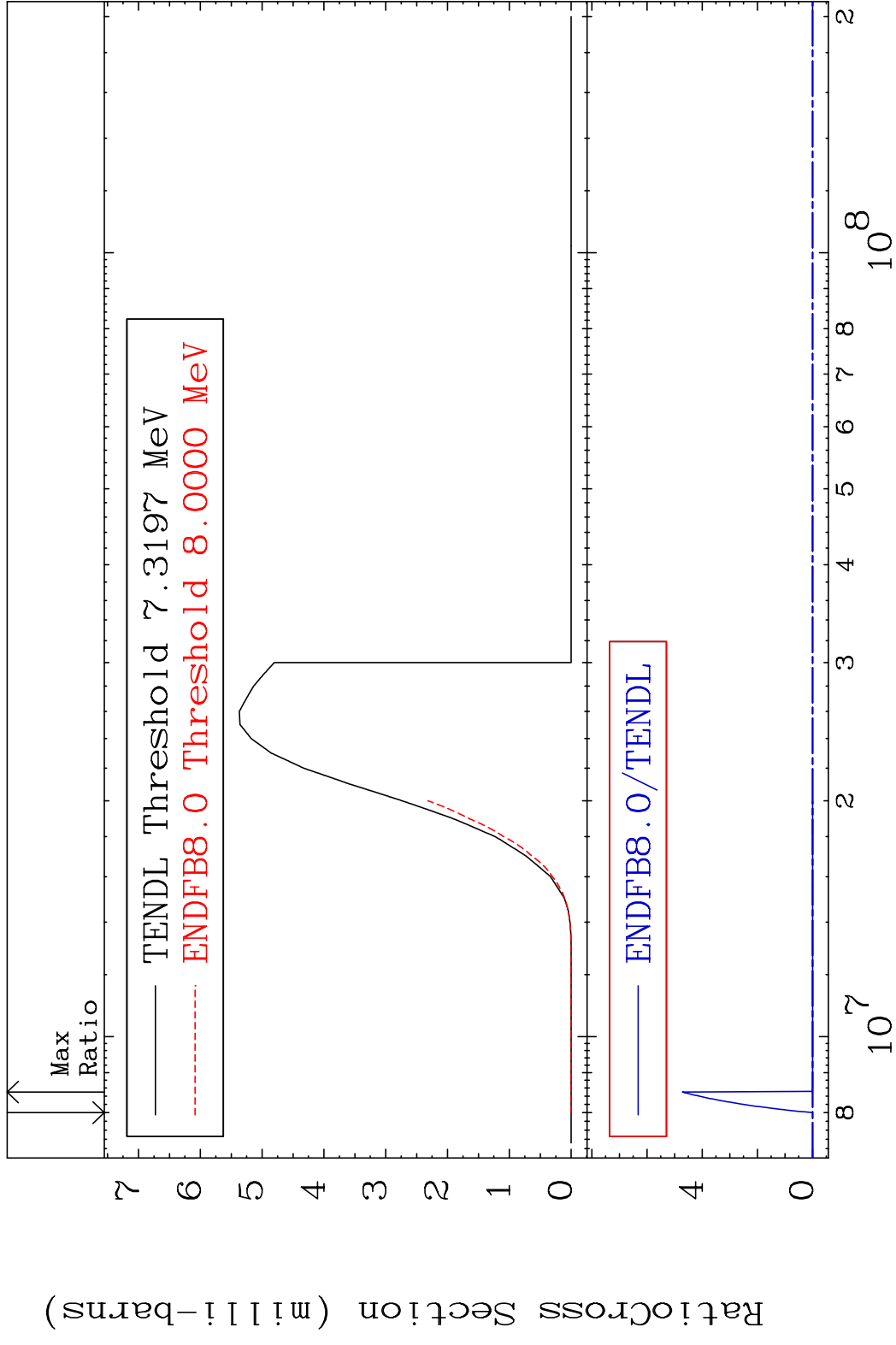


29

Incident Energy (eV)

42-Mo-99

MAT 4246 (n, t) 42-Mo-99
 Cross Section -100.0 To 9999. %



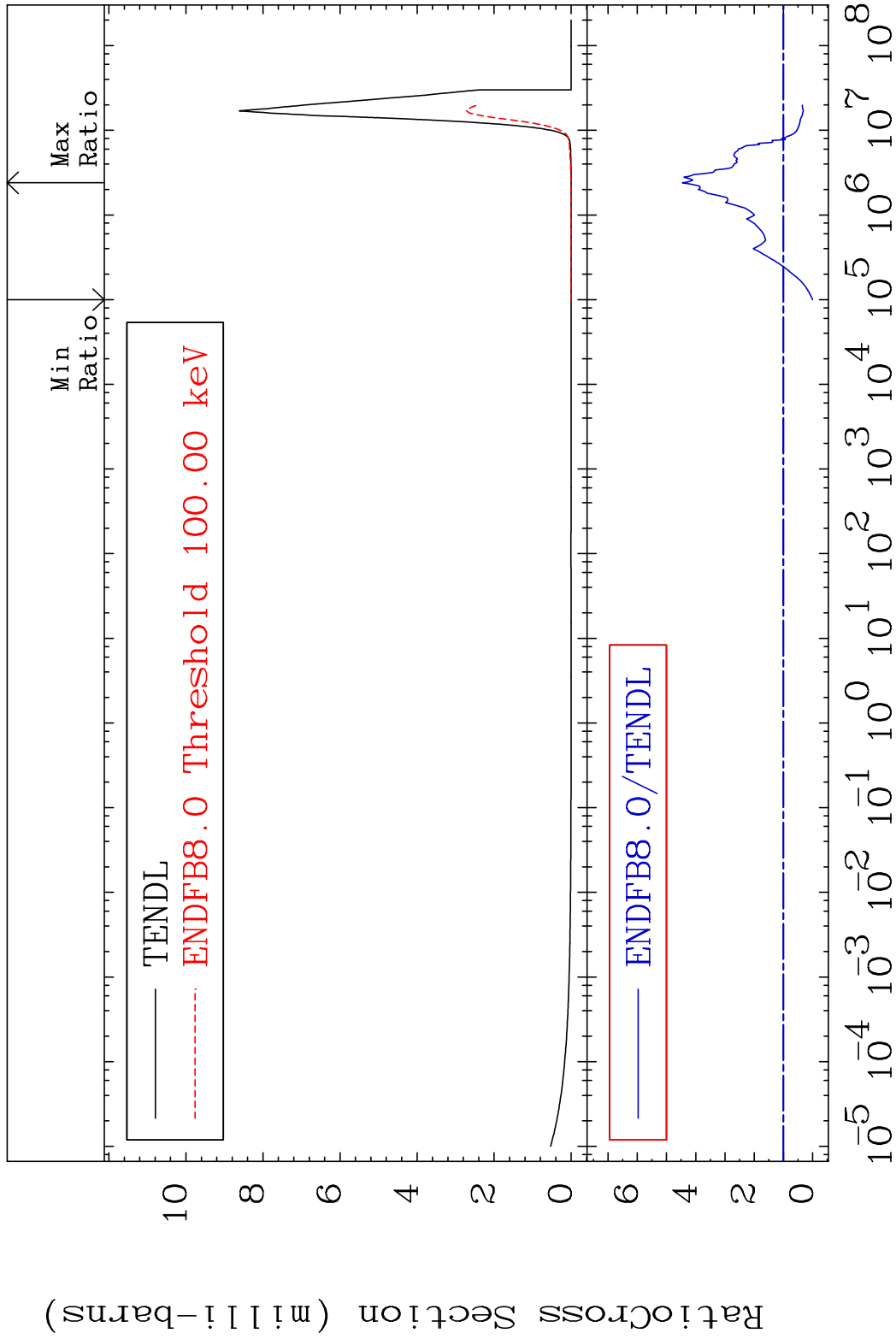
30 Incident Energy (eV) 42-Mo-99

MAT 4246

(n, α)

42-Mo-99

Cross Section -100.0 To 345.8 %

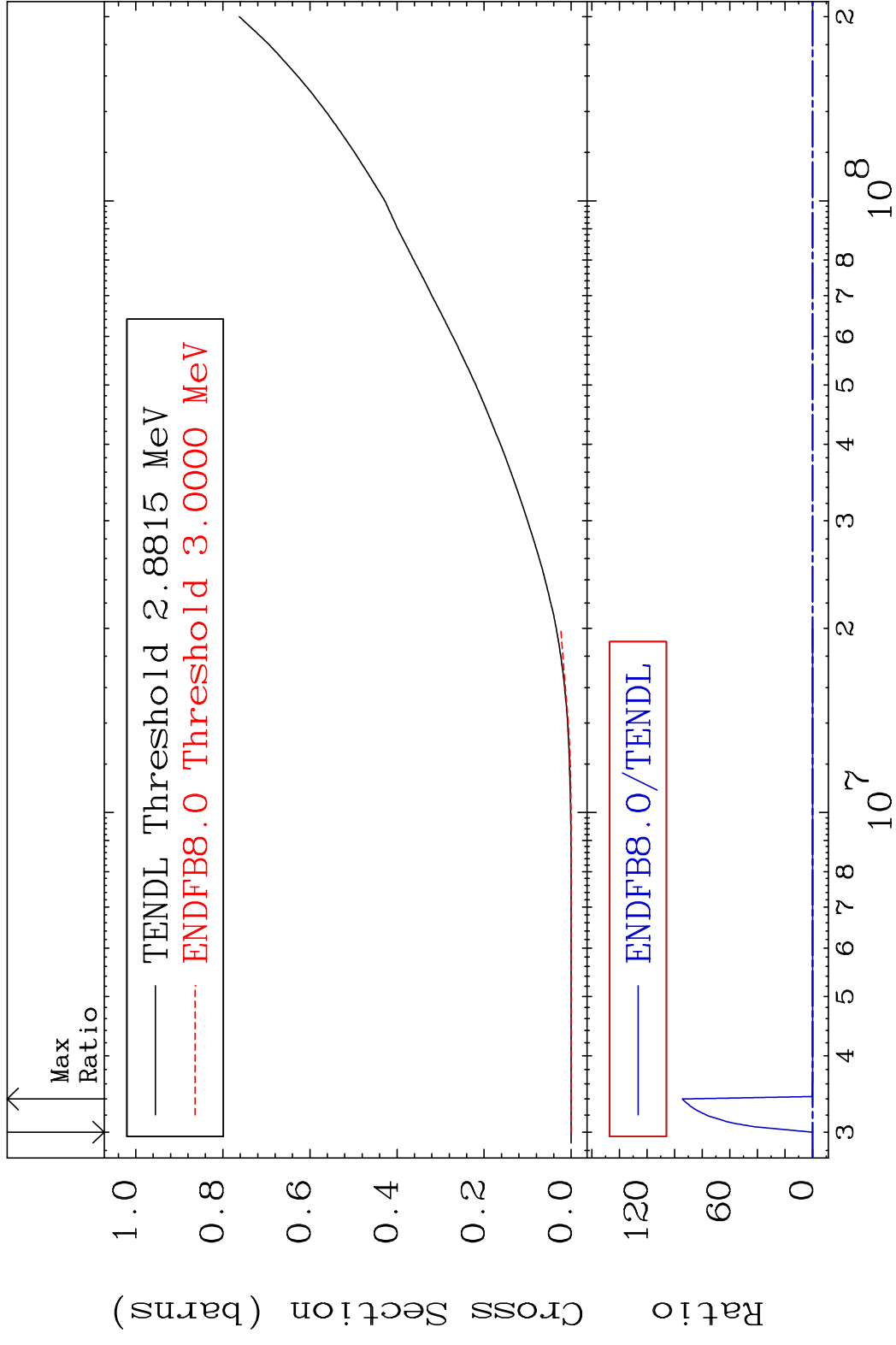


31

Incident Energy (eV)

42-Mo-99

MAT 4246 Hydrogen Production 42-Mo-99
 Cross Section -100.0 To 9999. %

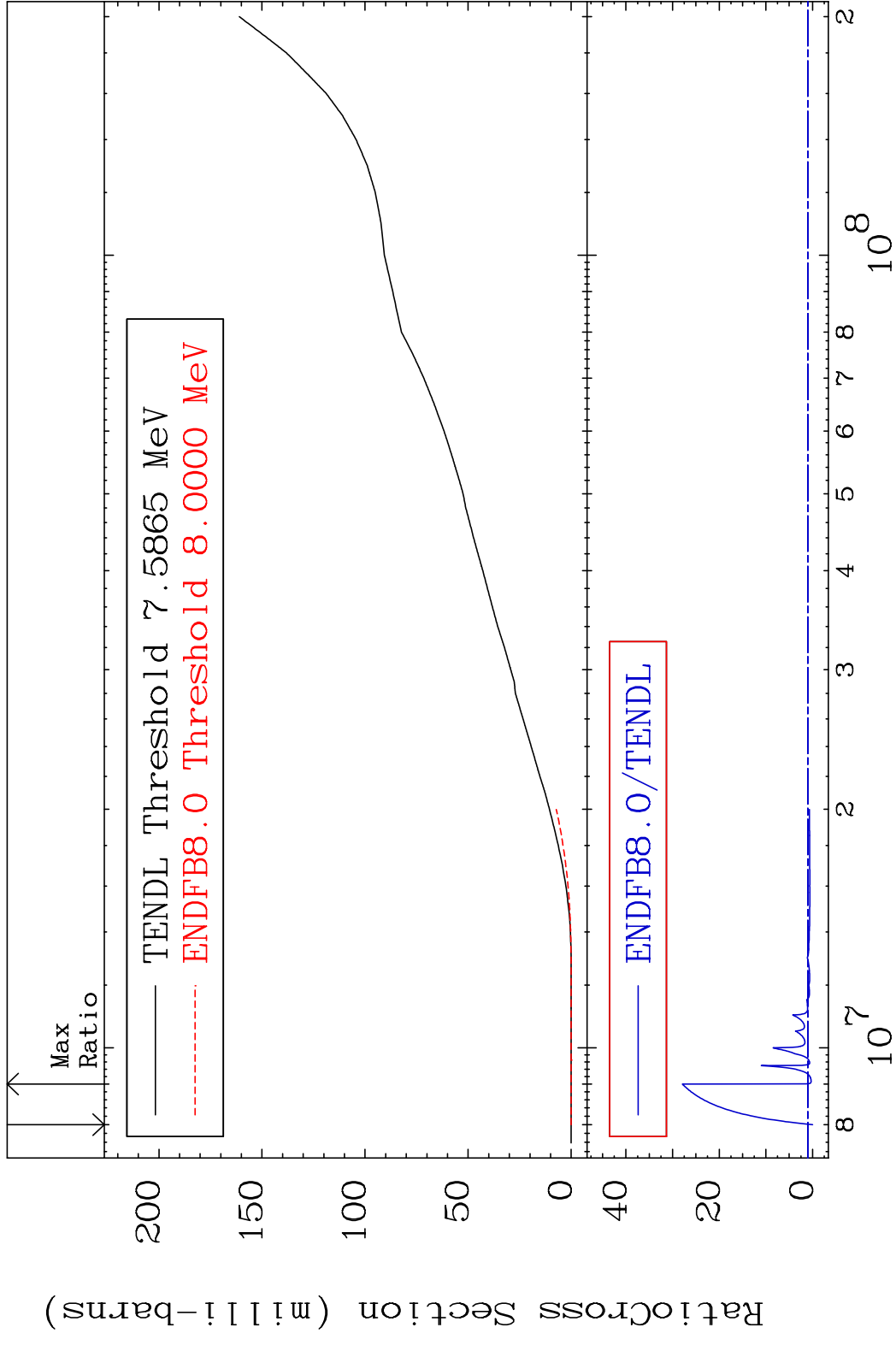


MAT 4246

Deuterium Production

42-Mo-99

Cross Section -100.0 To 2691. %



33

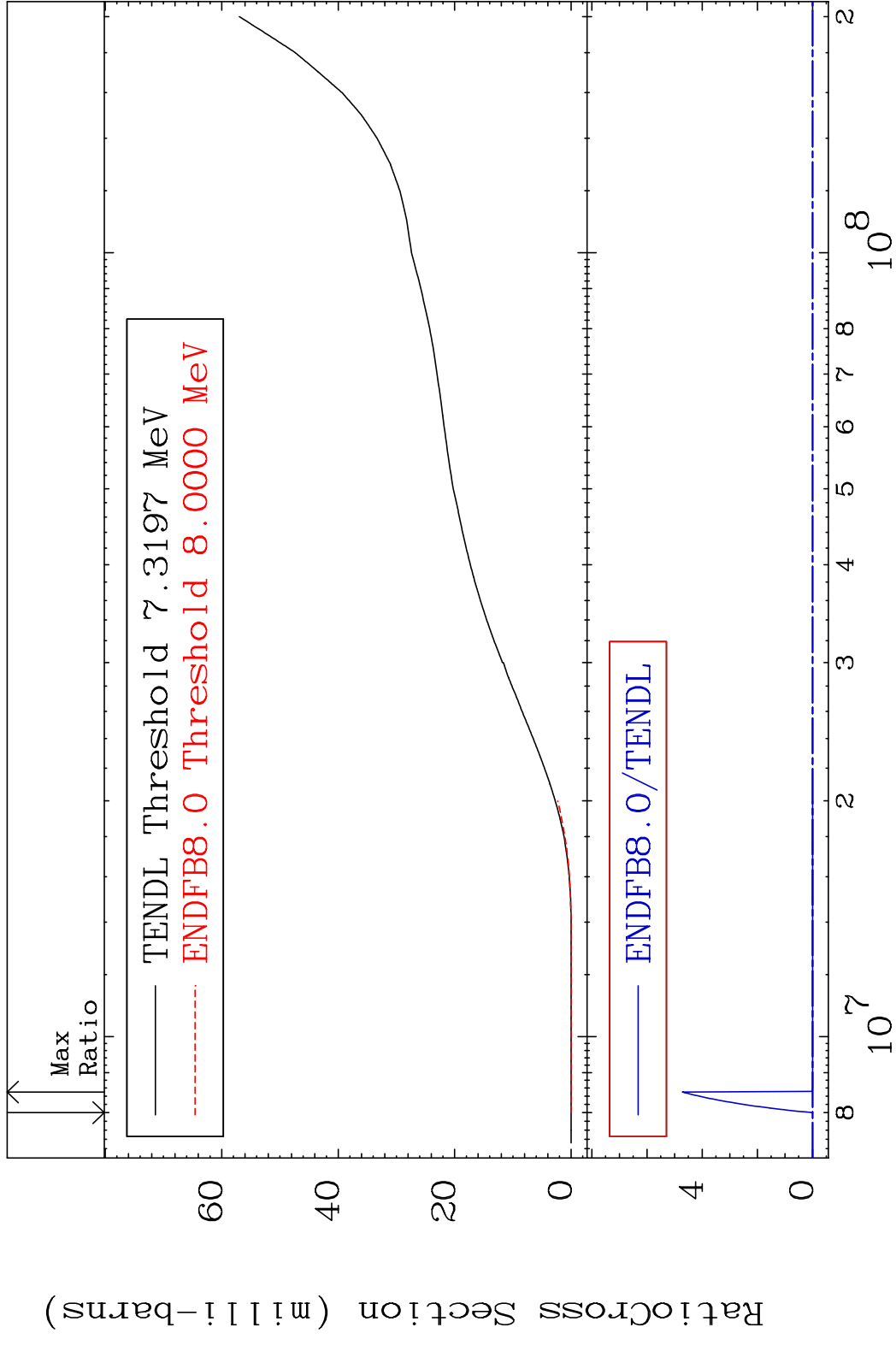
Incident Energy (eV)

42-Mo-99

MAT 4246

Tritium Production 42-Mo-99

Cross Section -100.0 To 9999. %

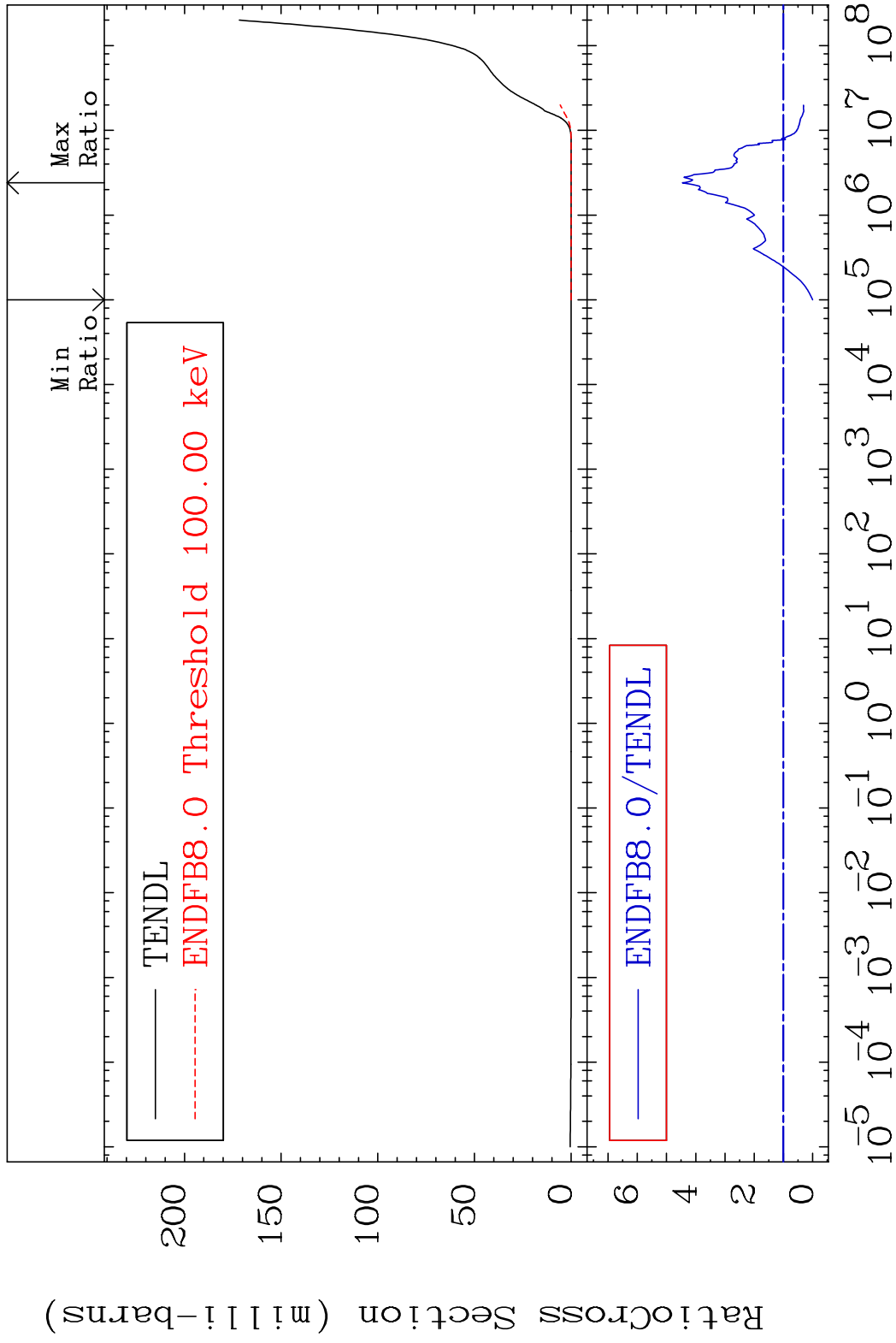


MAT 4246

He-4 Production

42-Mo-99

Cross Section -100.0 To 345.8 %

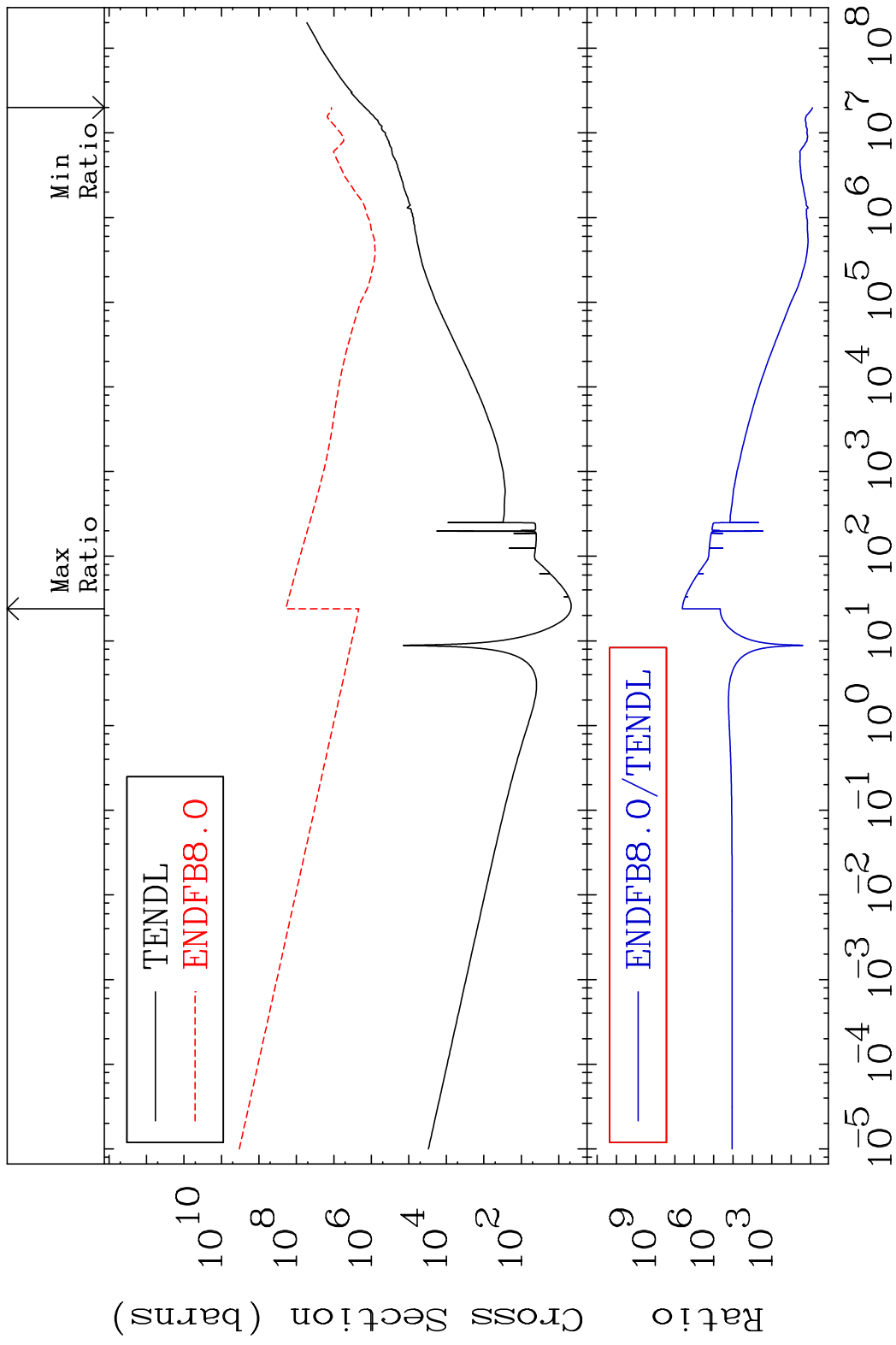


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Incident Energy (eV)

42-Mo-99

MAT 4246 Kerma total (eV-barns) 42-Mo-99
 Cross Section 698.6 To 9999. %

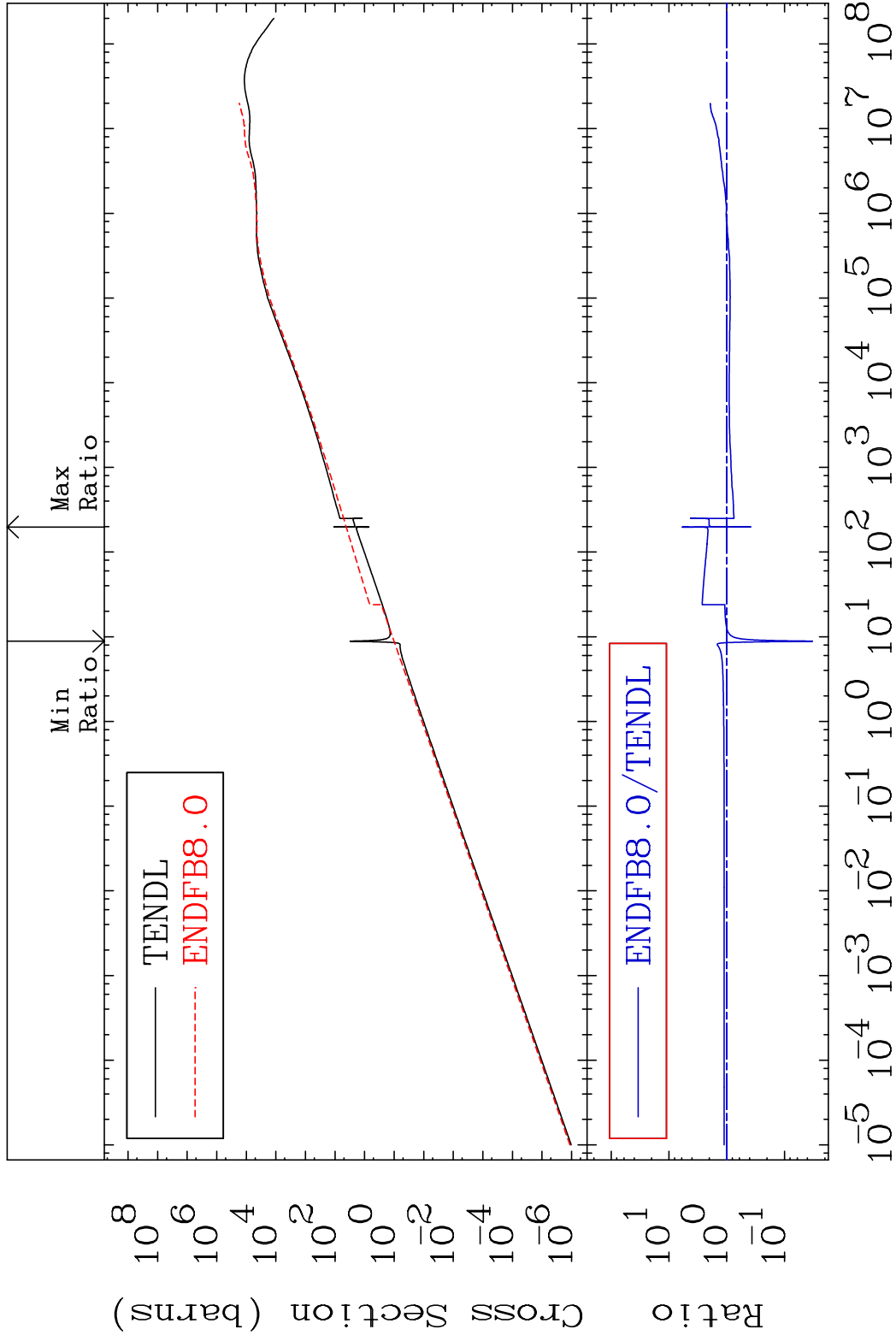


MAT 4246

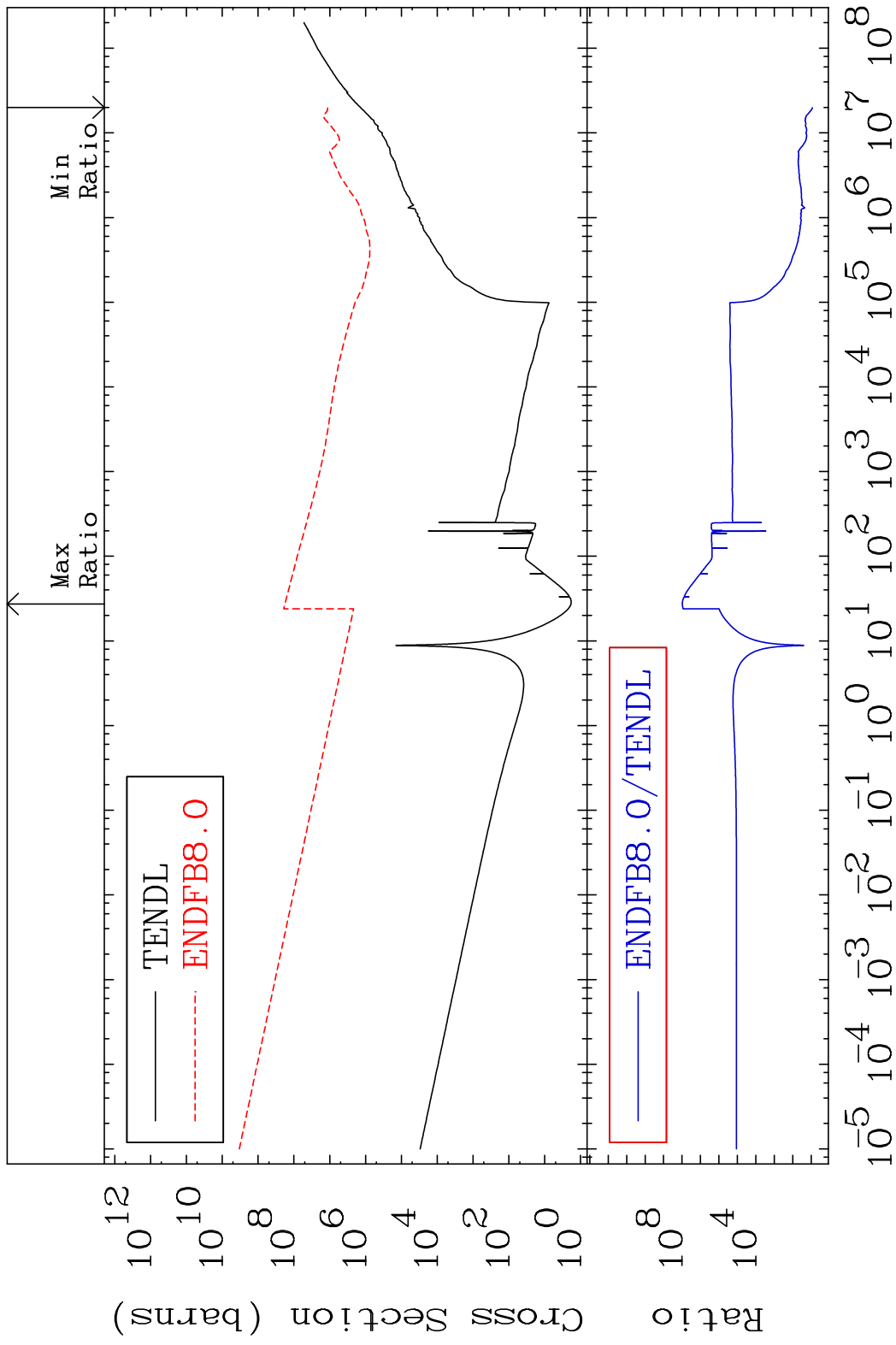
Kerma elastic
Cross Section

42-Mo-99

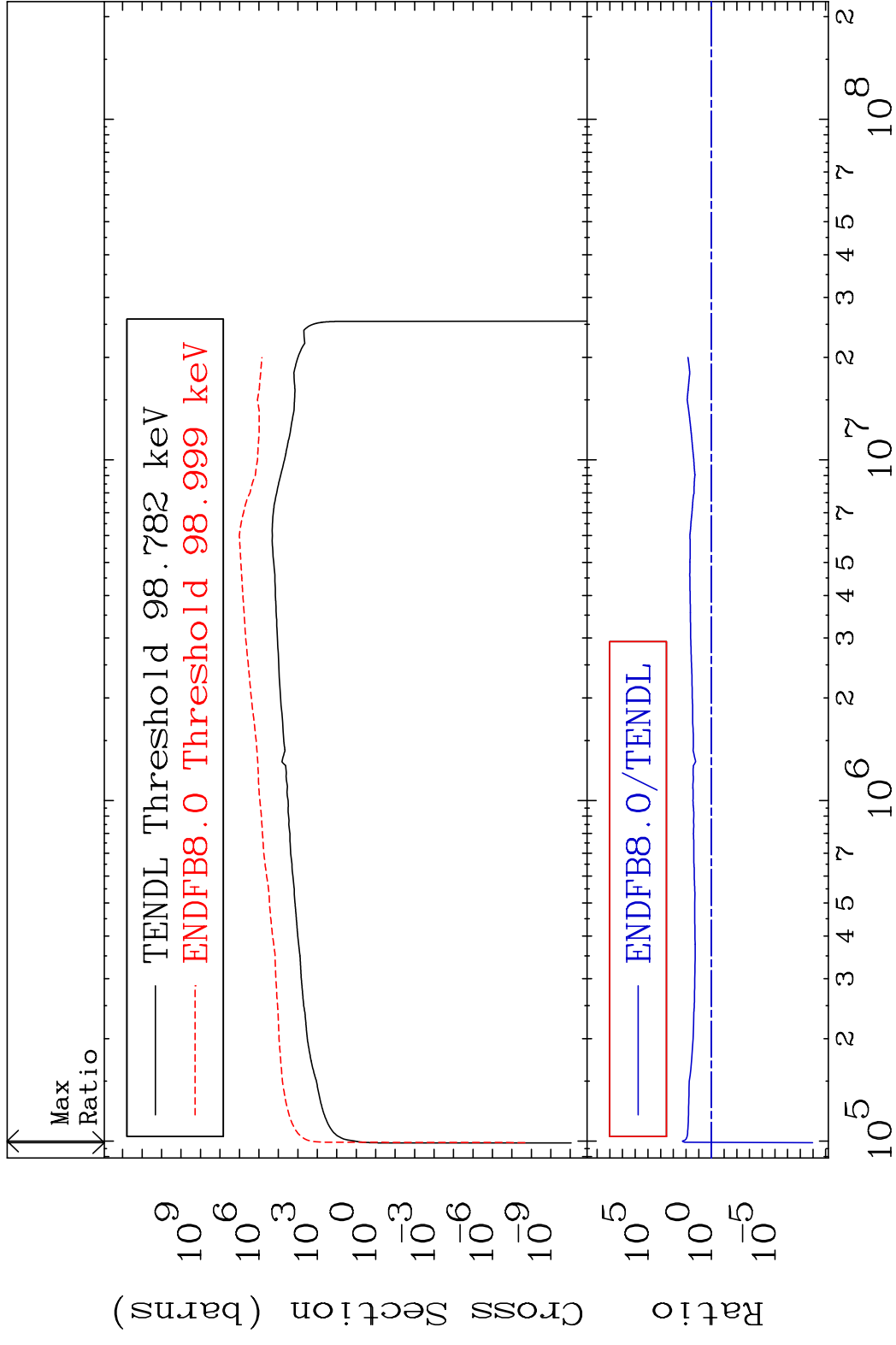
-96.74 To 485.8 %



MAT 4246 Kerma non-elastic (all but mt2) 42-Mo-99
 Cross Section 738.1 To 9999. %

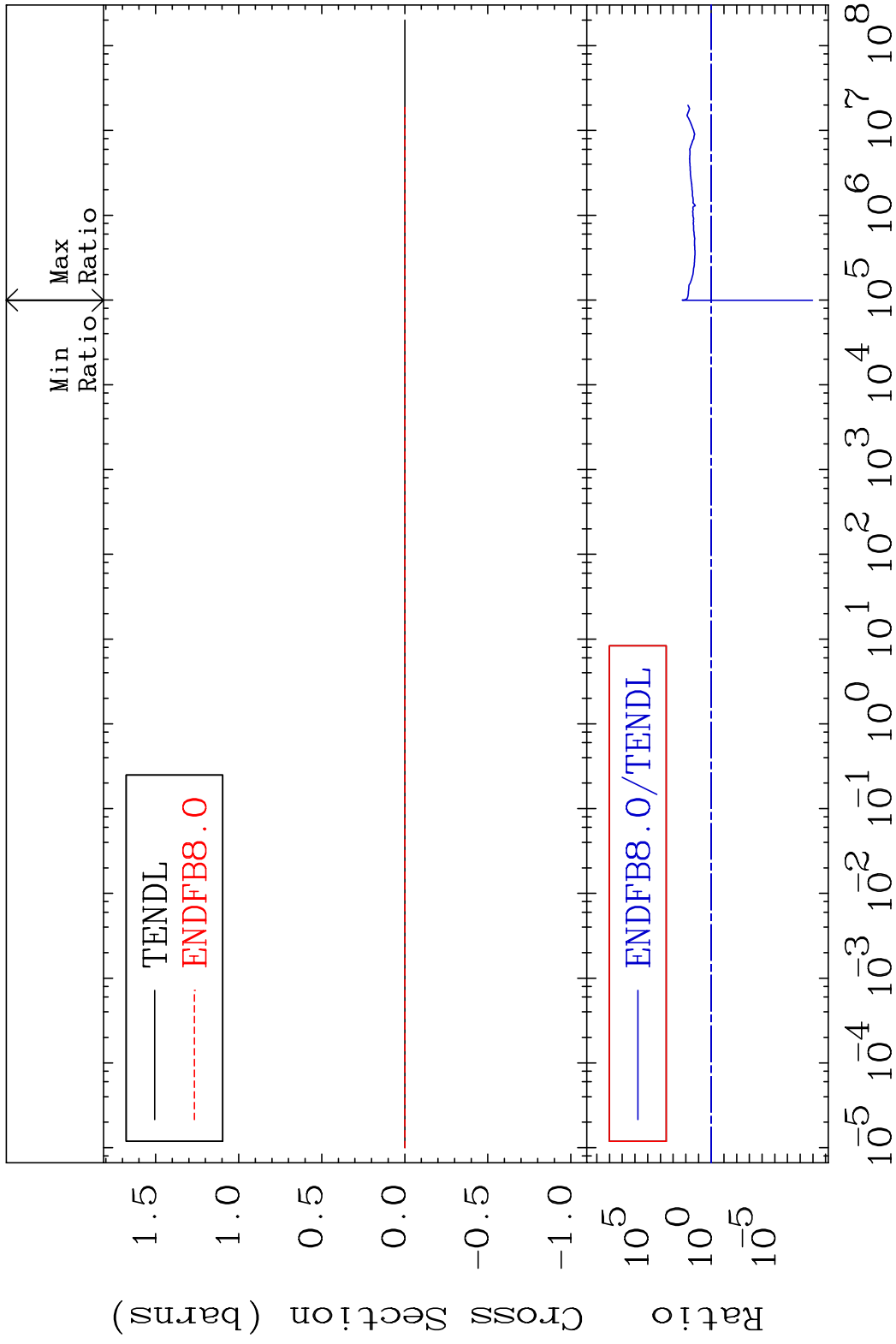


MAT 4246 Kerma inelastic (mt51-91) 42-Mo-99
 Cross Section -100.0 To 9999. %



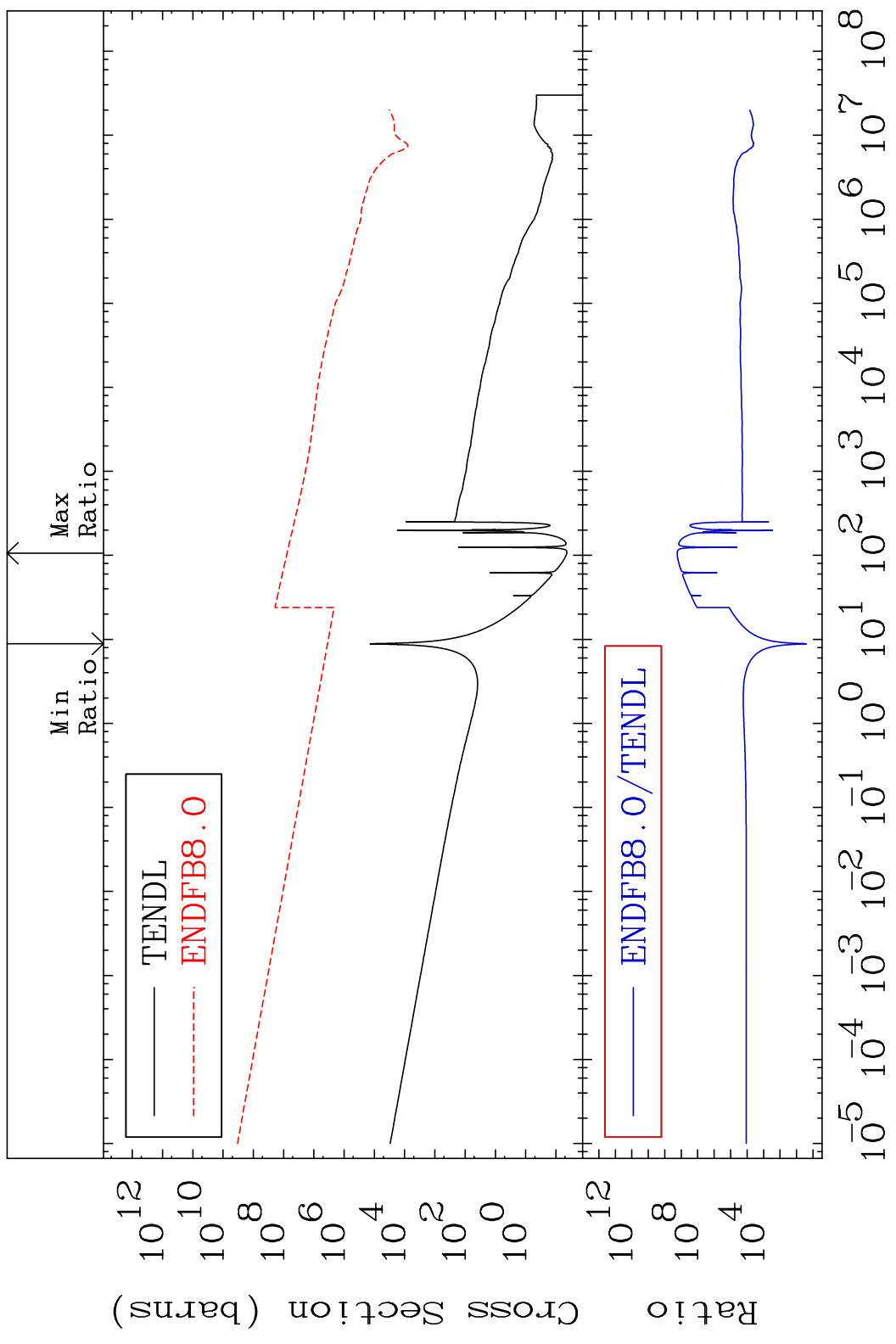
39 42-Mo-99

MAT 4246 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-99
 Cross Section -100.0 To 9999. %



MAT 4246

Kerma capture (mt102) 42-Mo-99
Cross Section 2409. To 9999. %

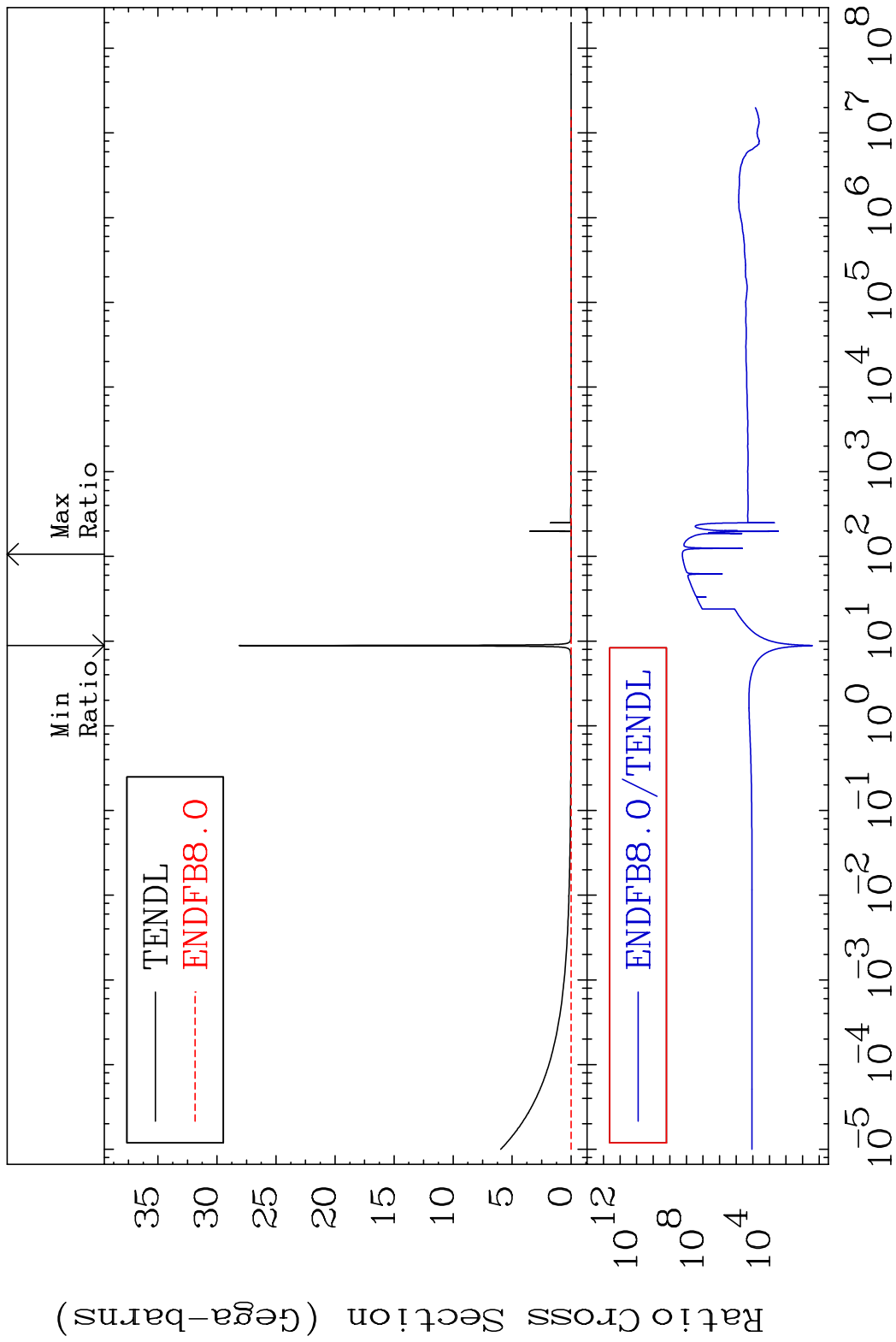


41

Incident Energy (eV)

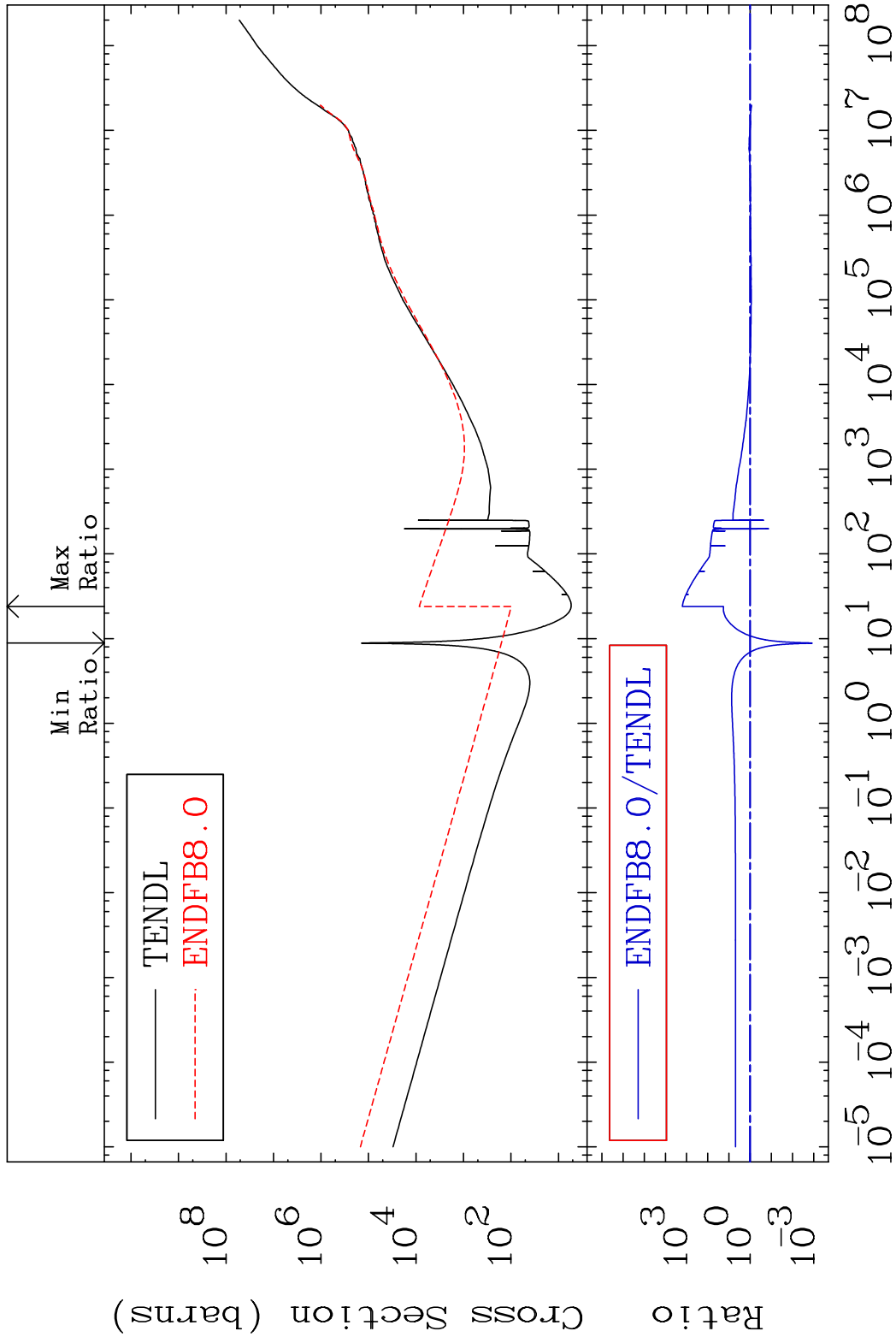
42-Mo-99

MAT 4246 Total photon (eV-barns) 42-Mo-99
 Cross Section 2409. To 9999. %

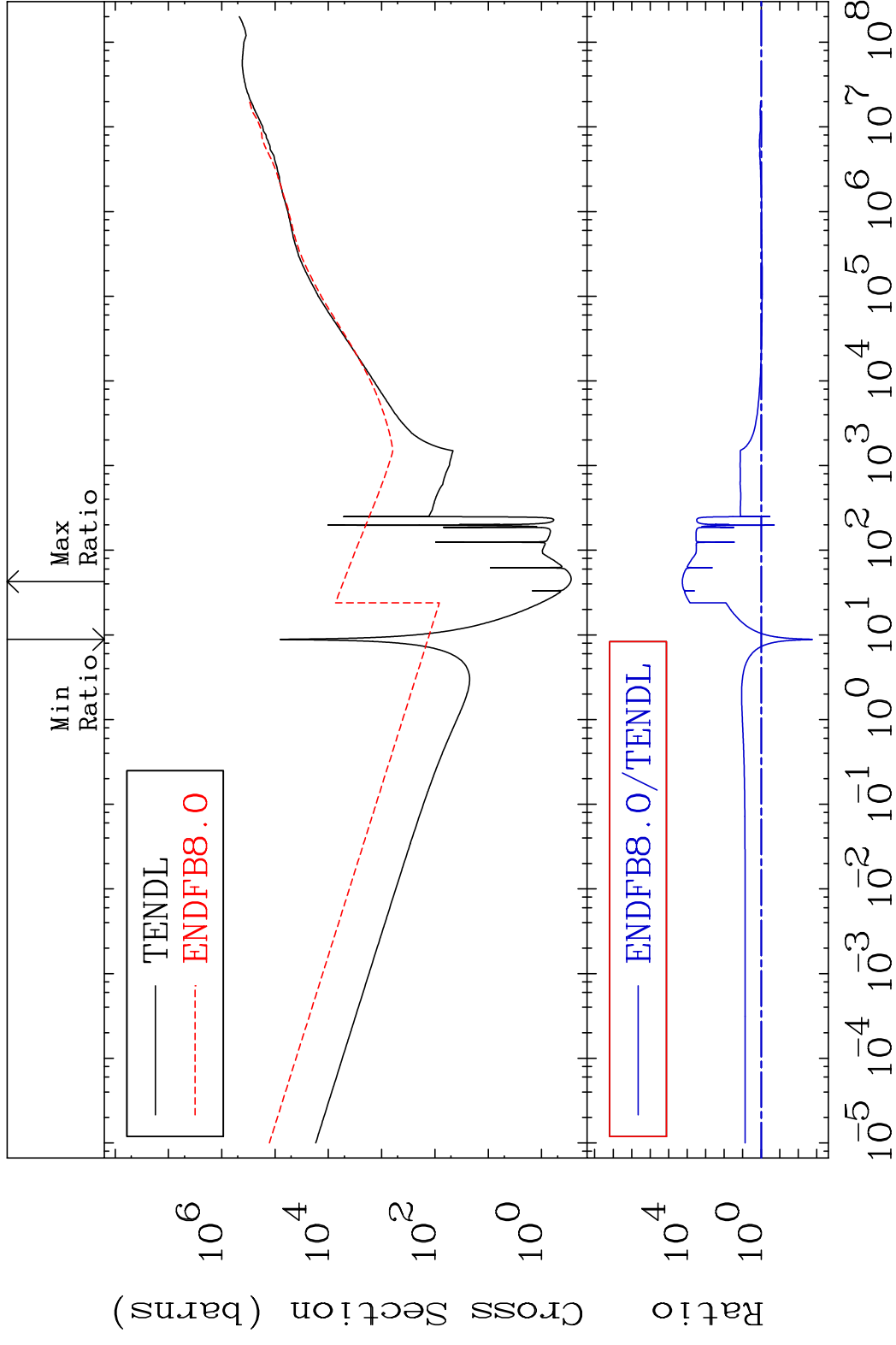


42 Incident Energy (eV) 42-Mo-99

MAT 4246 Total kinematic kerma (high limit) 42-Mo-99
 Cross Section -99.89 To 9999. %



MAT 4246 Dpa total (eV-barns) 42-Mo-99
 Cross Section -99.83 To 9999. %

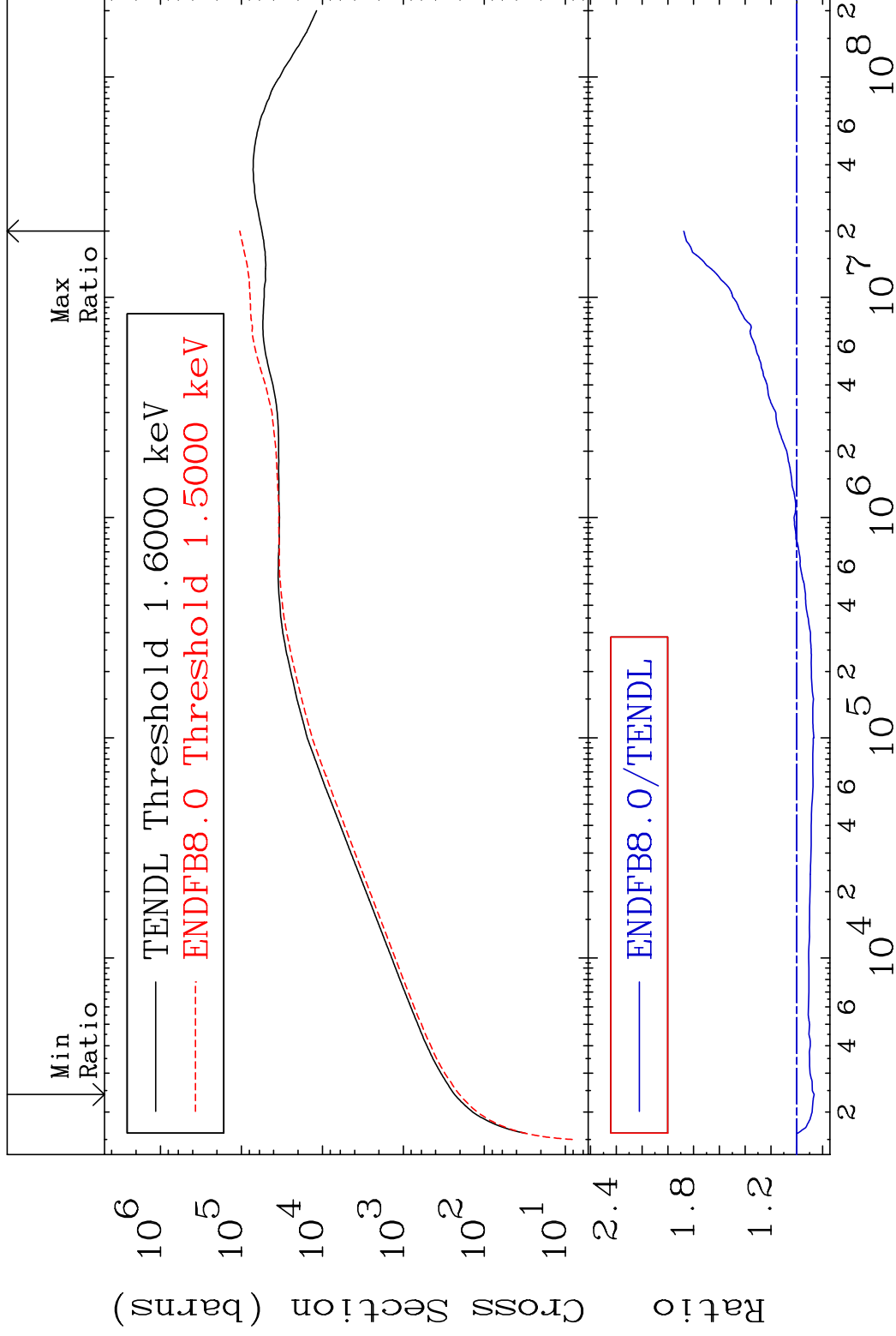


MAT 4246

Dpa elastic (mt2)

42-Mo-99

Cross Section -13.49 To 87.73 %

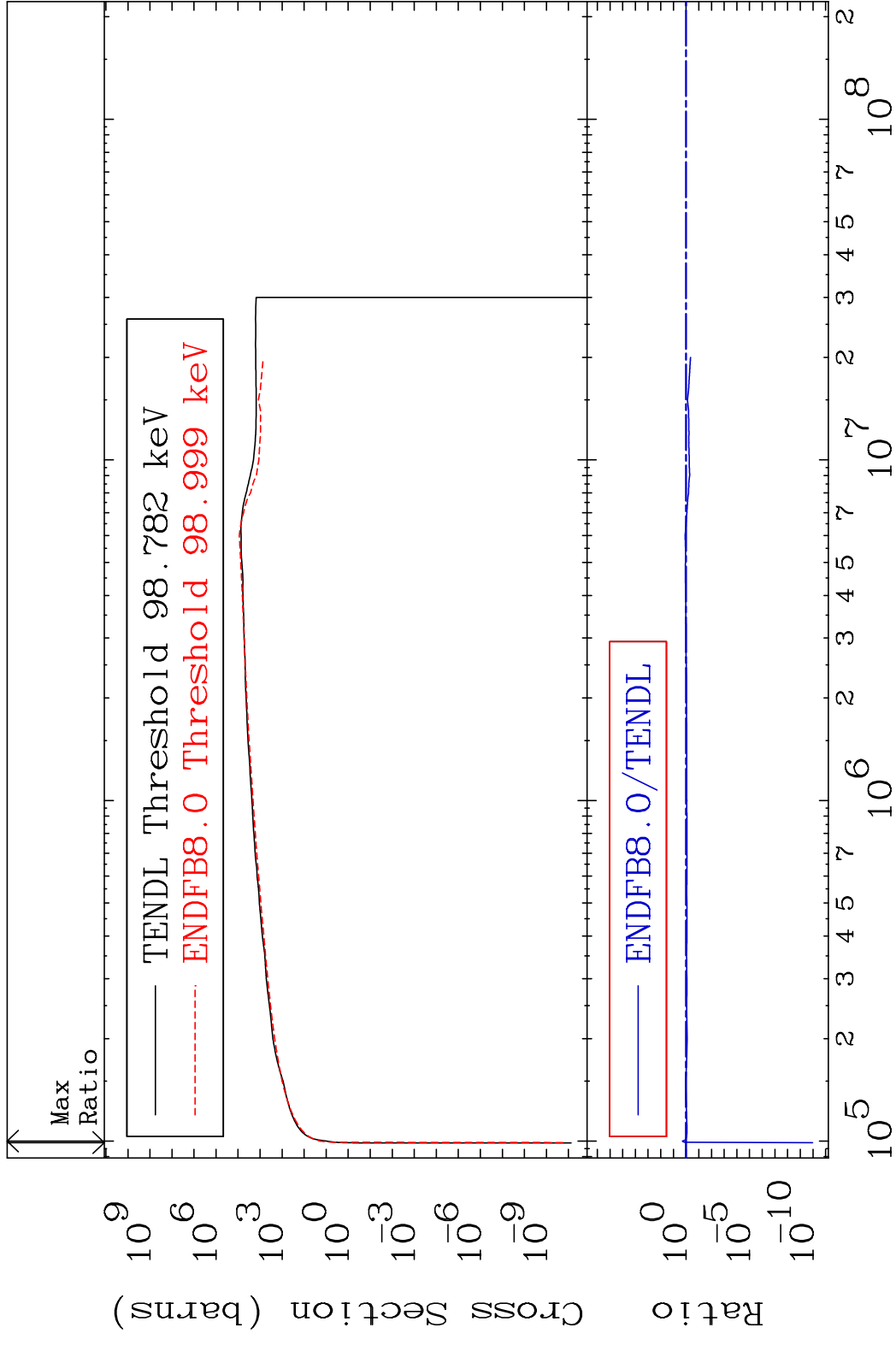


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Incident Energy (eV)

42-Mo-99

MAT 4246 Dpa inelastic (mt51-91) 42-Mo-99
 Cross Section -100.0 To 97.74 %



46 Incident Energy (eV) 42-Mo-99

MAT 4246 Dpa disappearance (mt102 -120) 42-Mo-99
 Cross Section -99.83 To 9999. %

