

Program Complot
(Version 2021-1)

by

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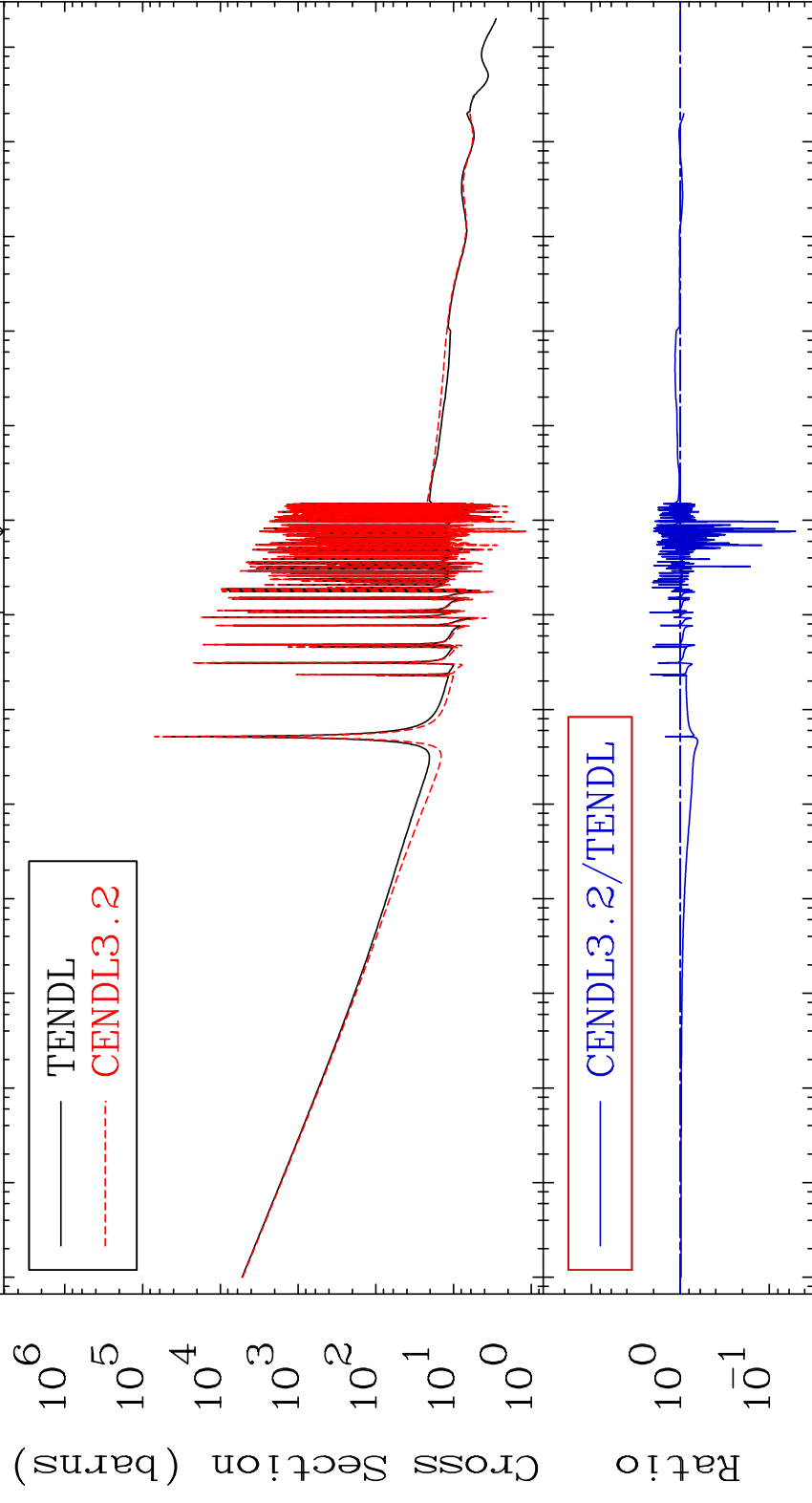
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9225

Total
Cross Section -94.87 To 121.5 %

92-U -234

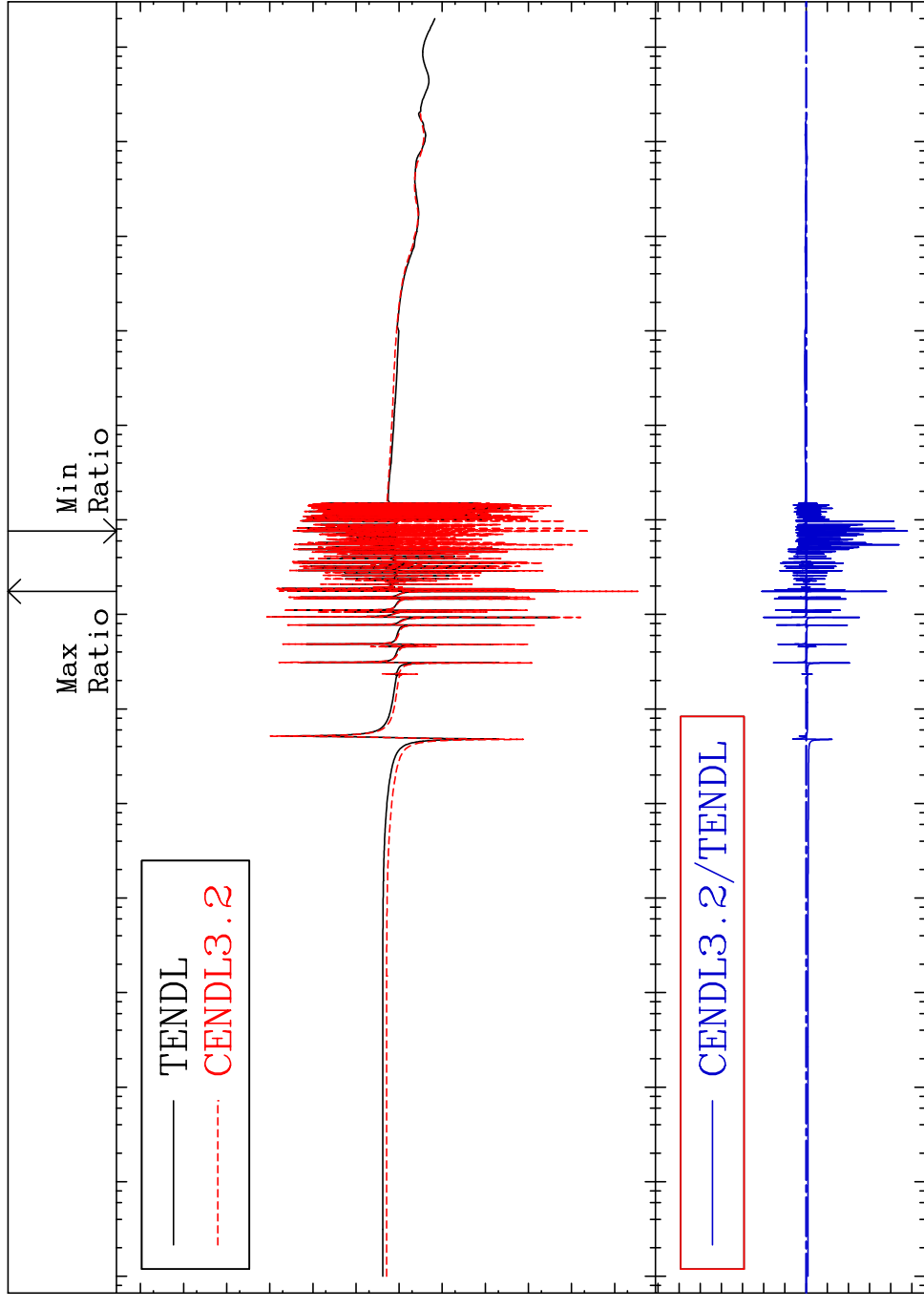


1 Incident Energy (eV) 92-U -234

MAT 9225

Elastic
Cross Section -100.0 To 9999. %

92-U -234



Cross Section (barns)
 10^6
 10^4
 10^2
 10^0
 10^{-2}
 10^{-4}

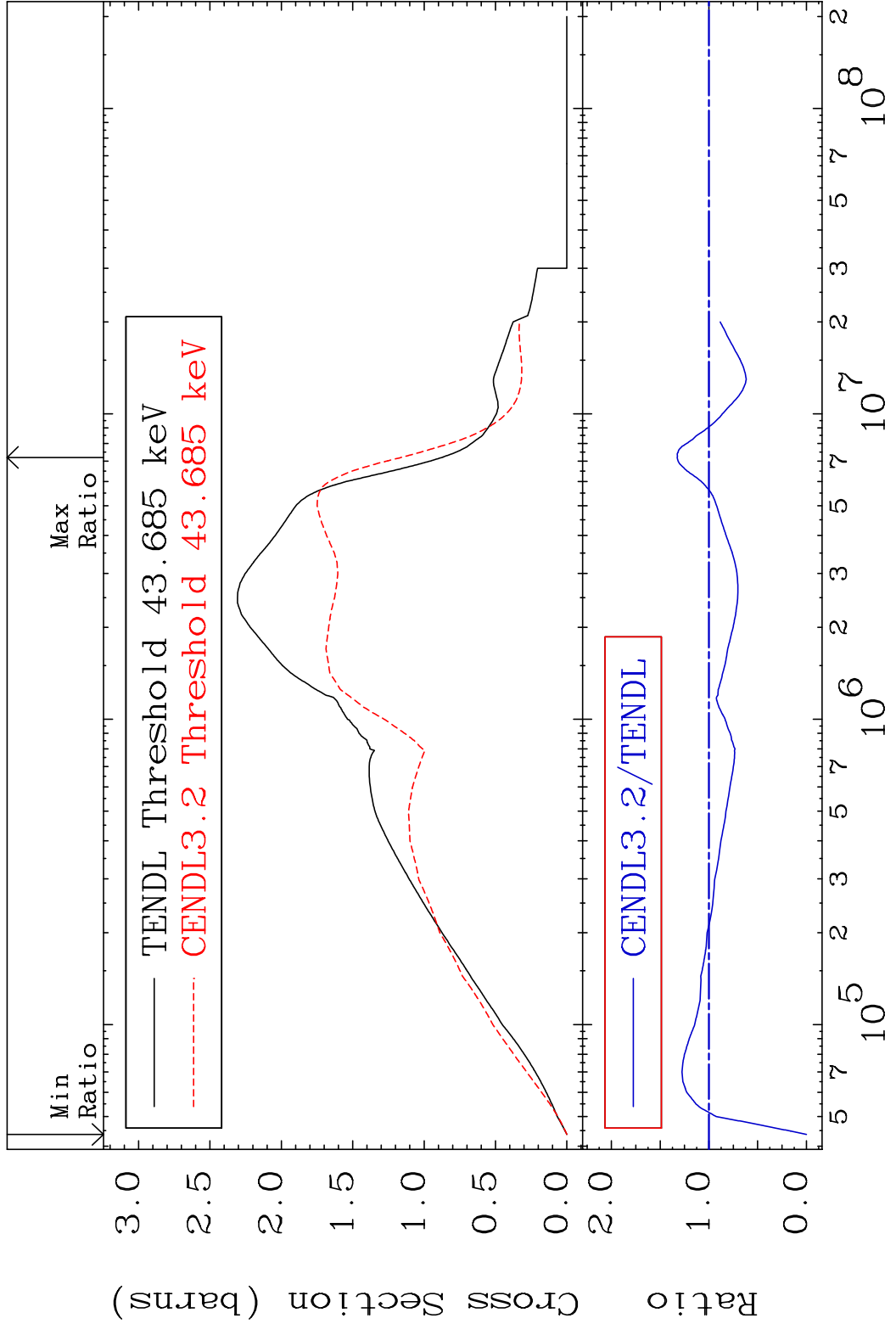
Ratio
 10^3
 10^0
 10^{-3}

Incident Energy (eV)
 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

2

92-U -234

MAT 9225 Inelastic 92-U -234
 Cross Section -100.0 To 32.55 %

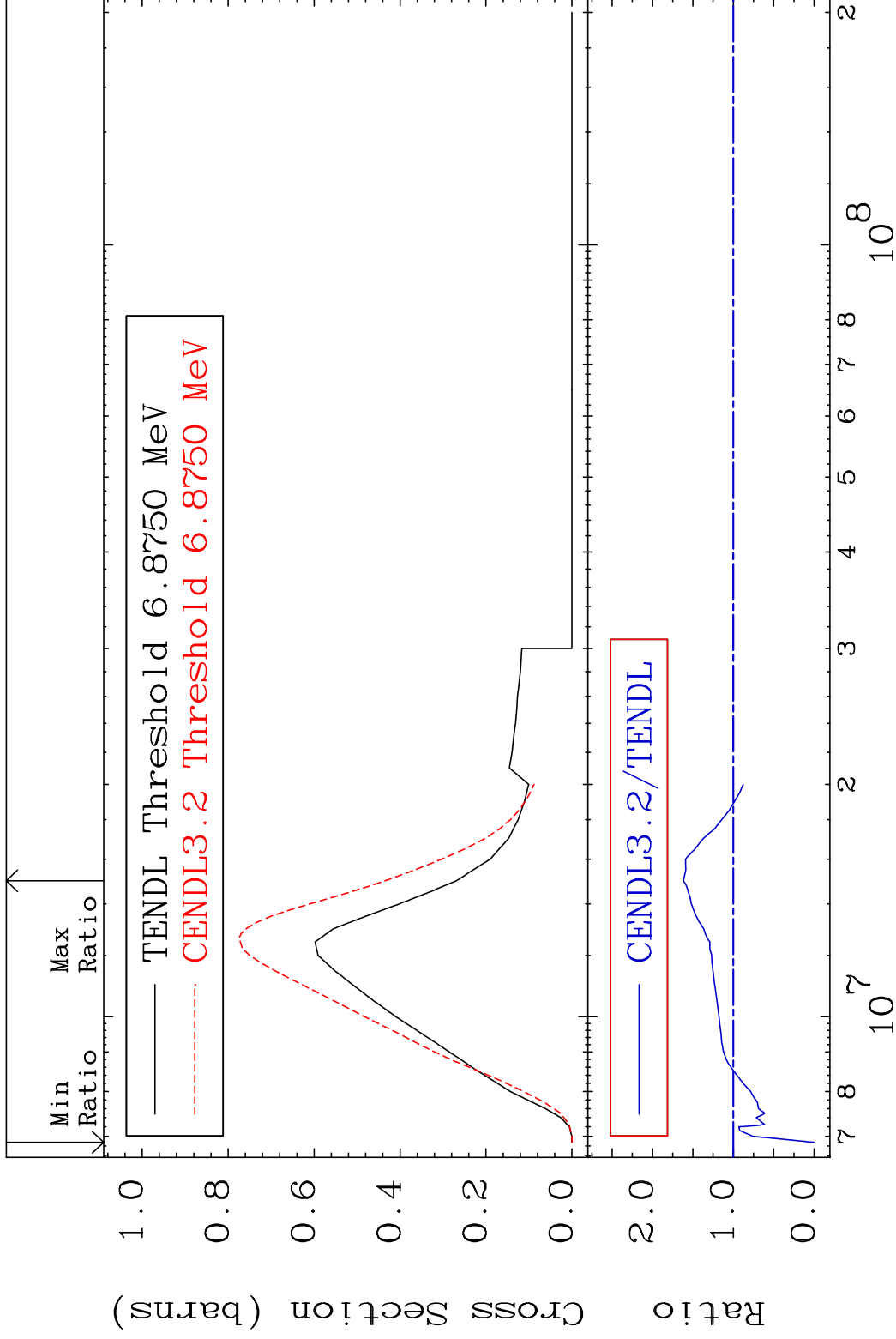


MAT 9225

(n,2n)

92-U -234

Cross Section -100.0 To 61.69 %



4

Incident Energy (eV)

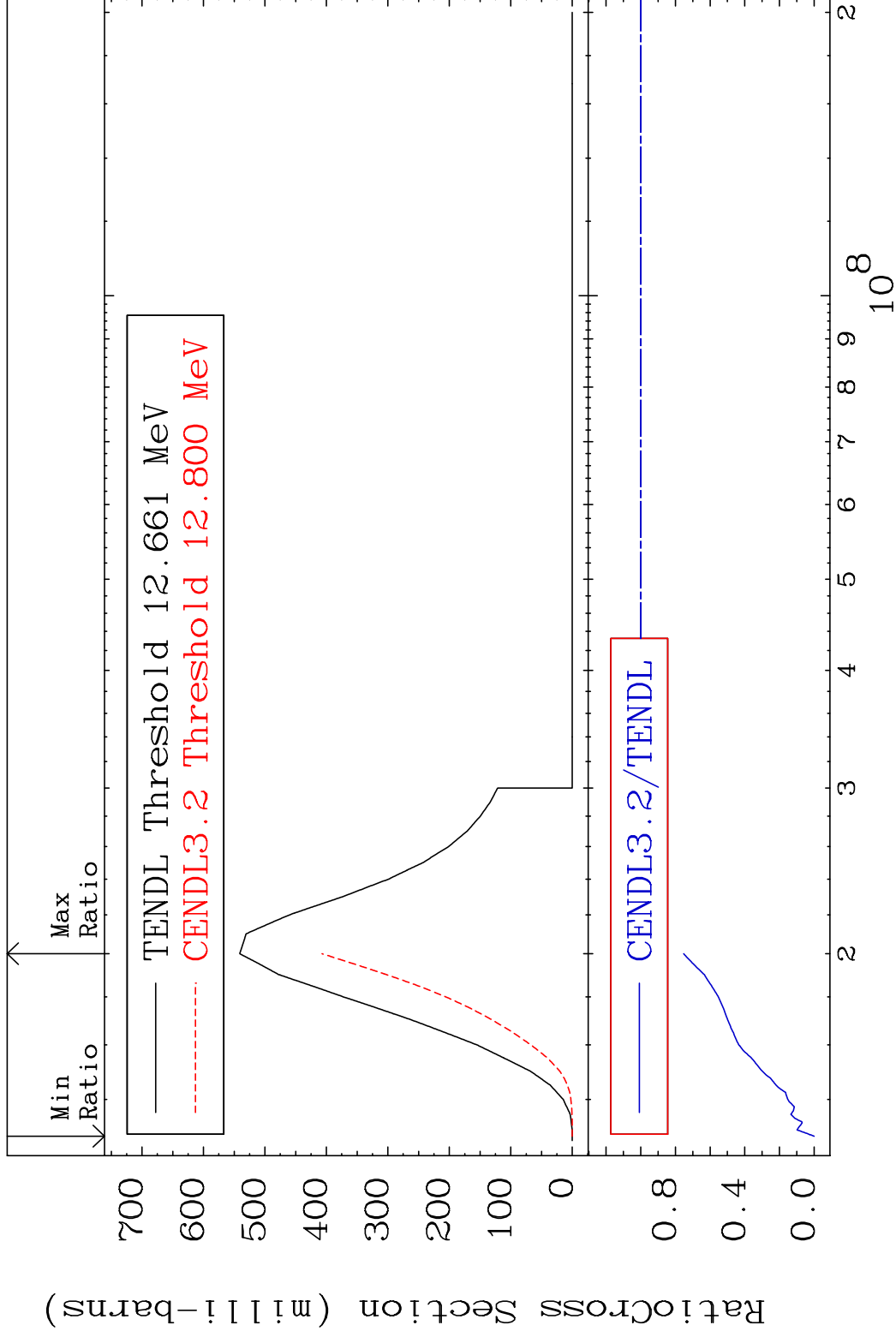
92-U -234

MAT 9225

(n,3n)

92-U -234

Cross Section -100.0 To -24.74%



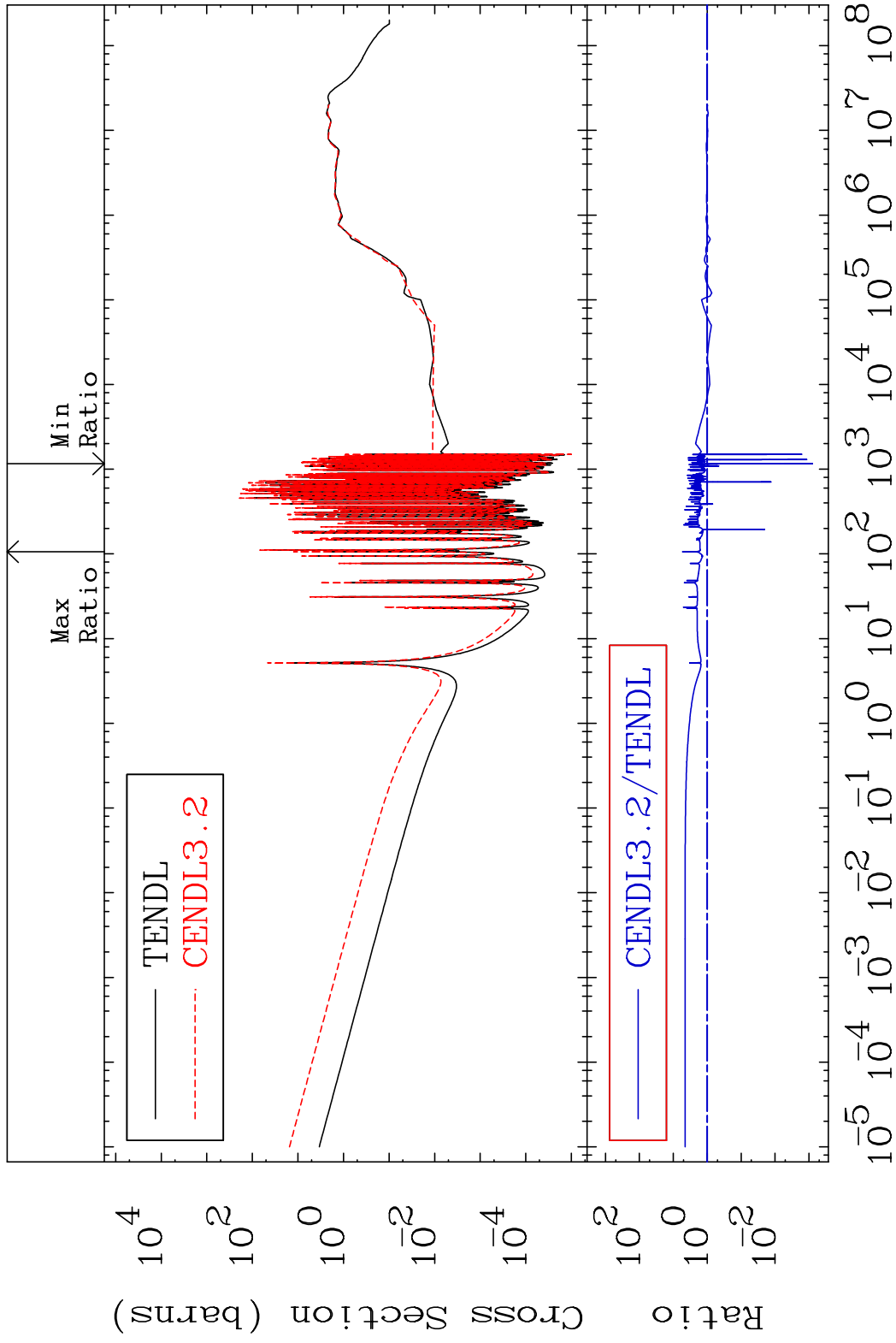
5

Incident Energy (eV)

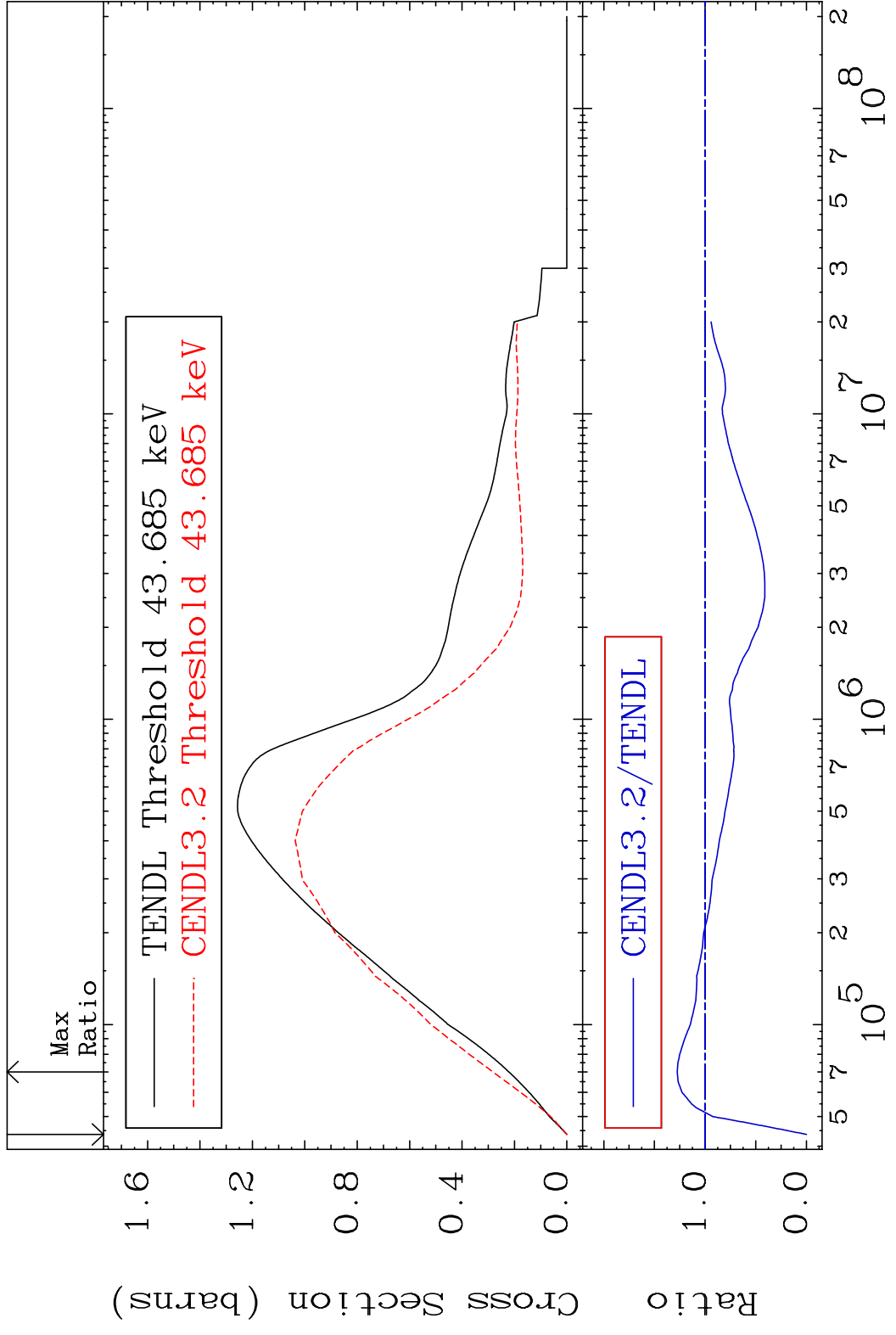
92-U -234

MAT 9225

Fission Cross Section -99.92 To 441.1 %
92-U -234

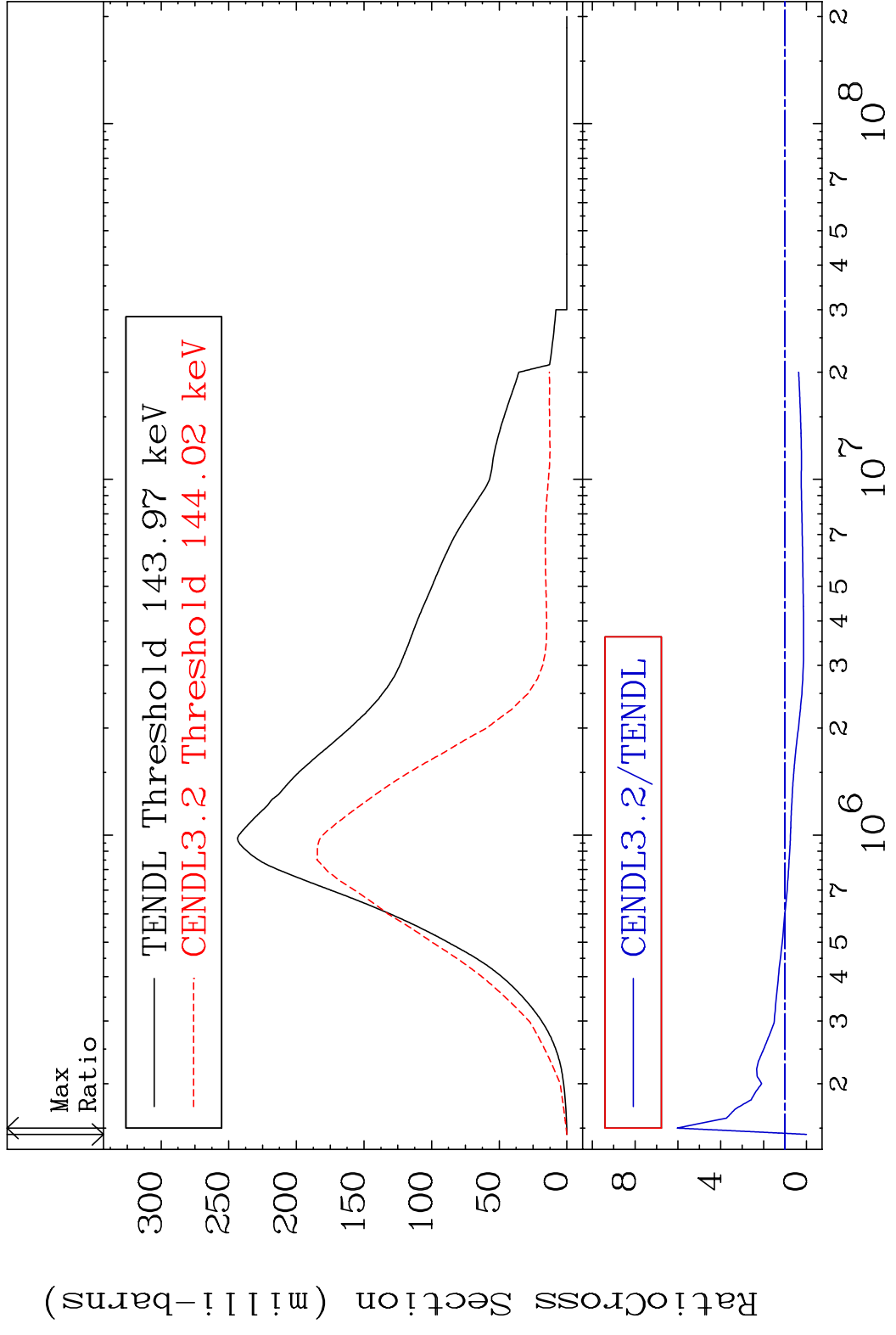


MAT 9225 MT= 51 (n, n') Level 92-U -234
 Cross Section -100.0 To 27.56 %

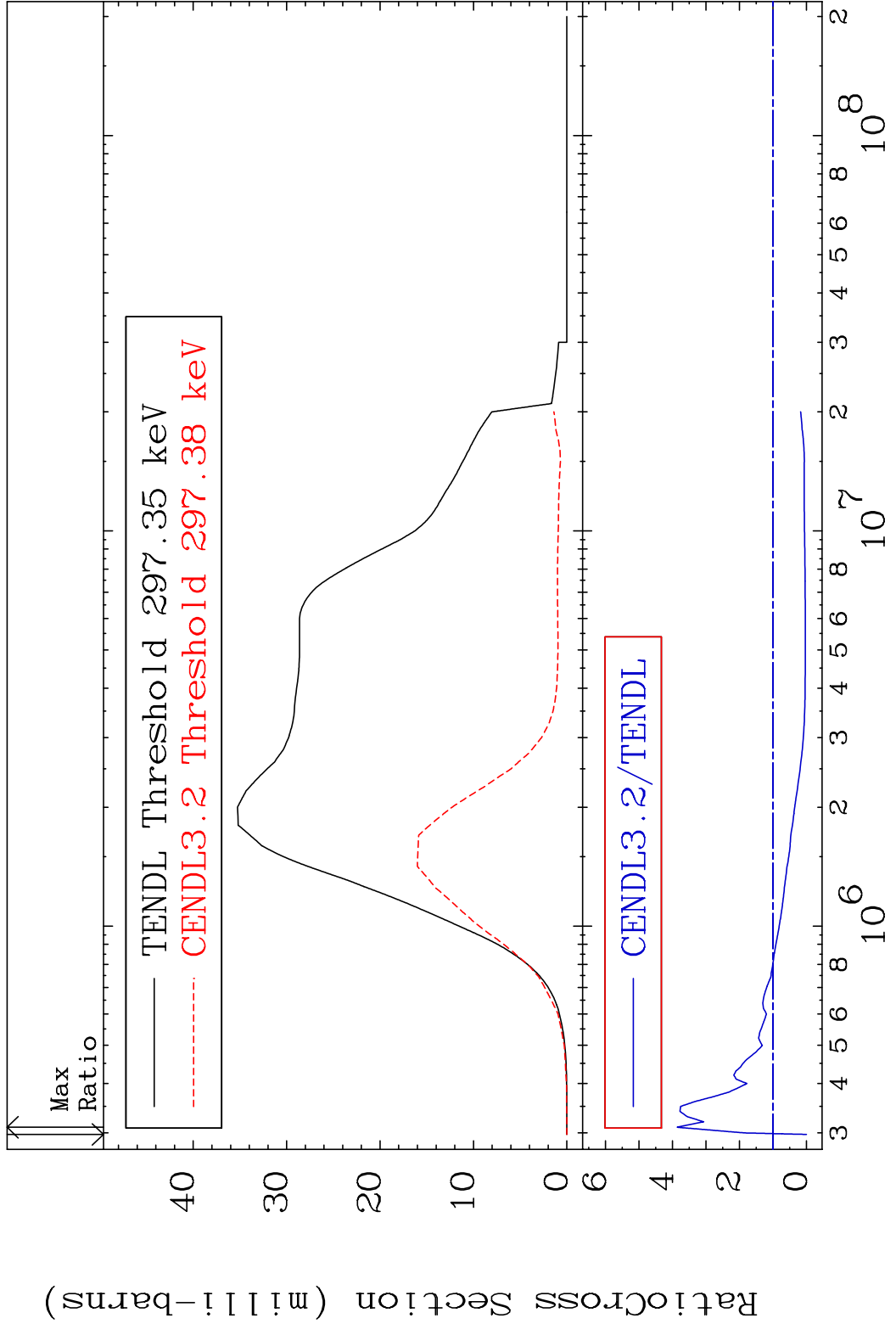


7 Incident Energy (eV) 92-U -234

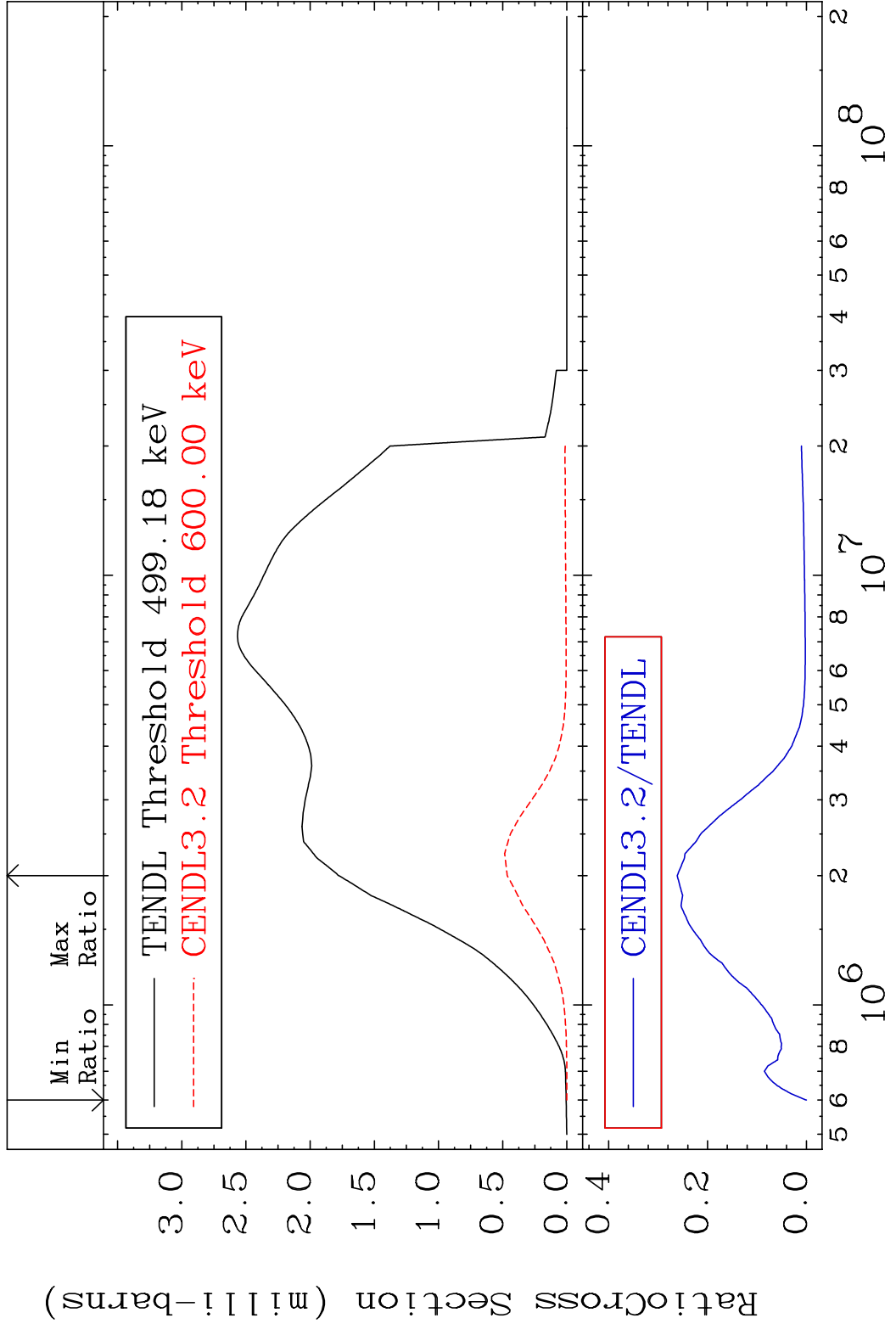
MAT 9225 MT= 52 (n,n') Level 92-U -234
 Cross Section -100.0 To 503.5 %



MAT 9225 MT= 53 (n,n') Level 92-U -234
 Cross Section -100.0 To 286.0 %

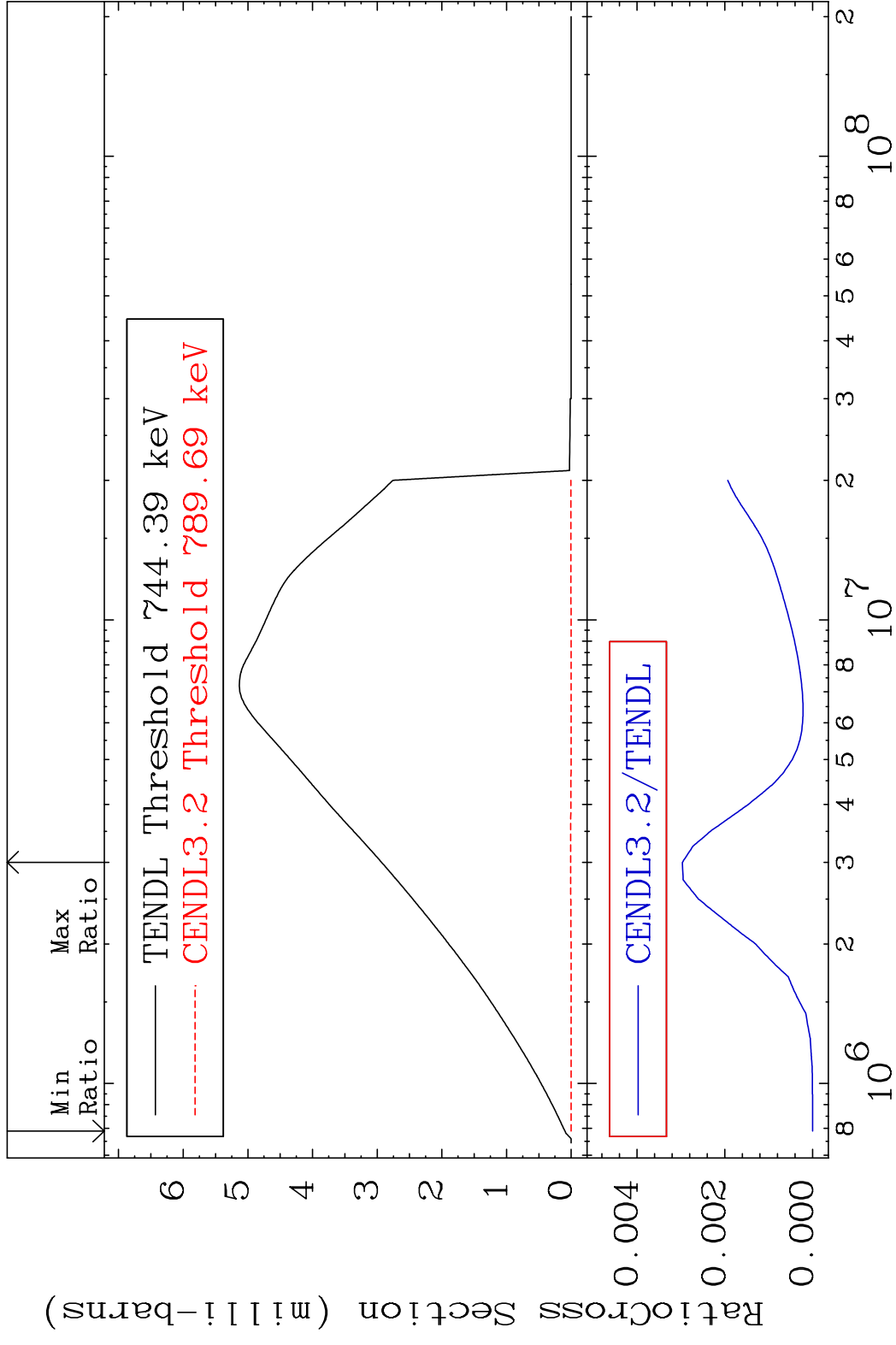


MAT 9225 MT= 54 (n, n') Level 92-U -234
 Cross Section -100.0 To -73.86%

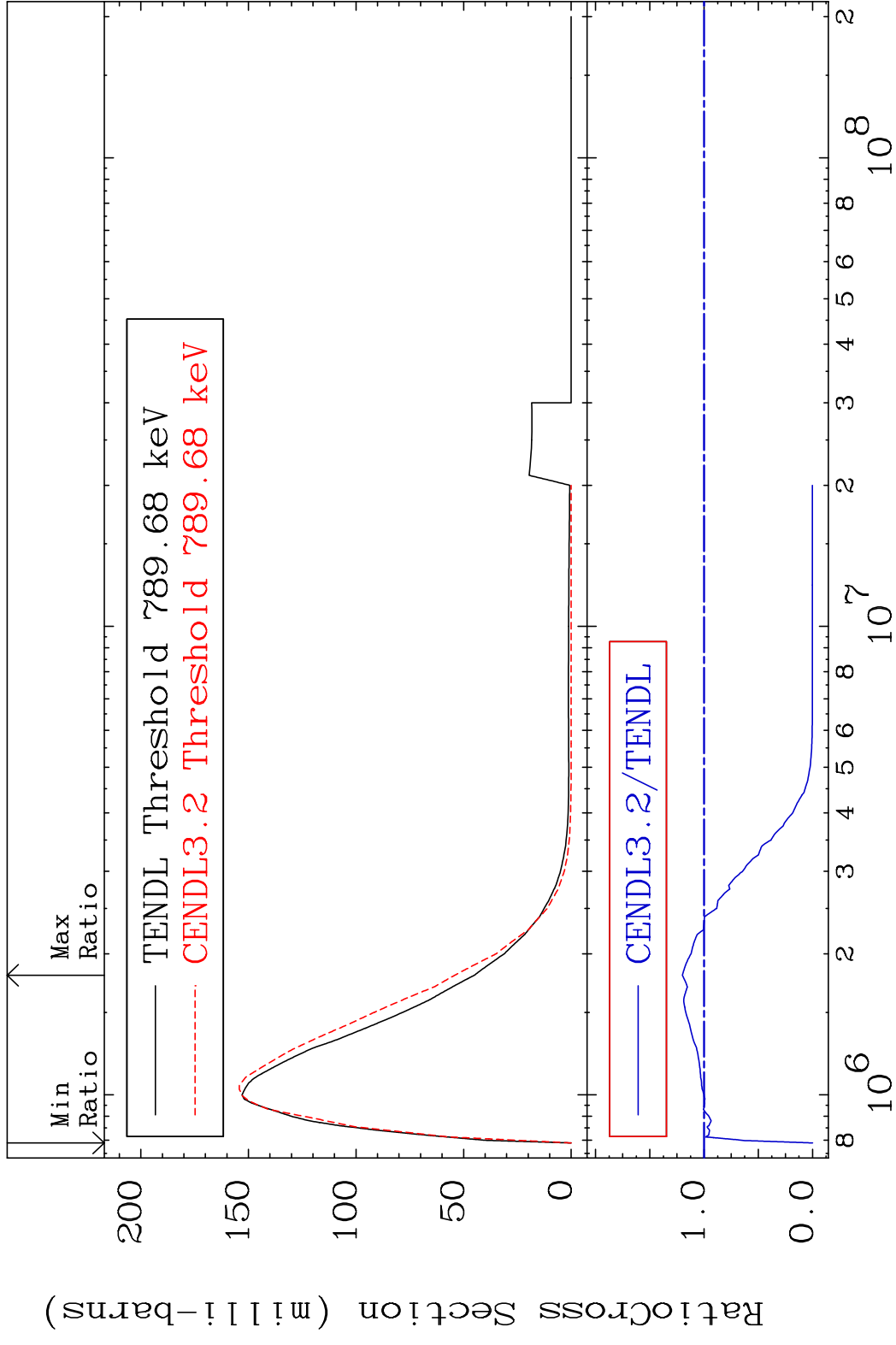


10 Incident Energy (eV) 92-U -234

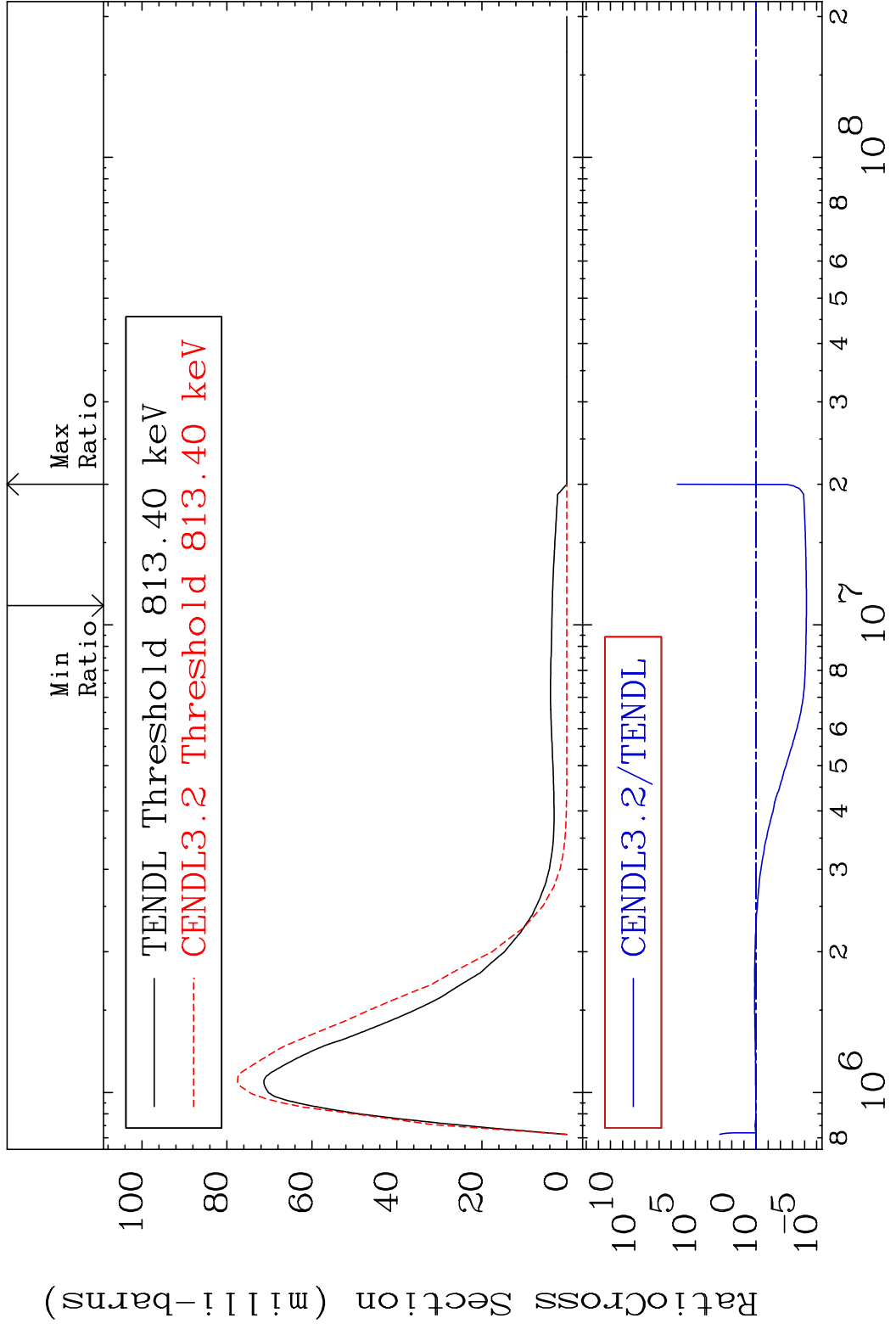
MAT 9225 MT= 55 (n,n') Level 92-U -234
 Cross Section -100.0 To -99.70%



MAT 9225 MT= 56 (n,n') Level 92-U -234
 Cross Section -100.0 To 20.01 %

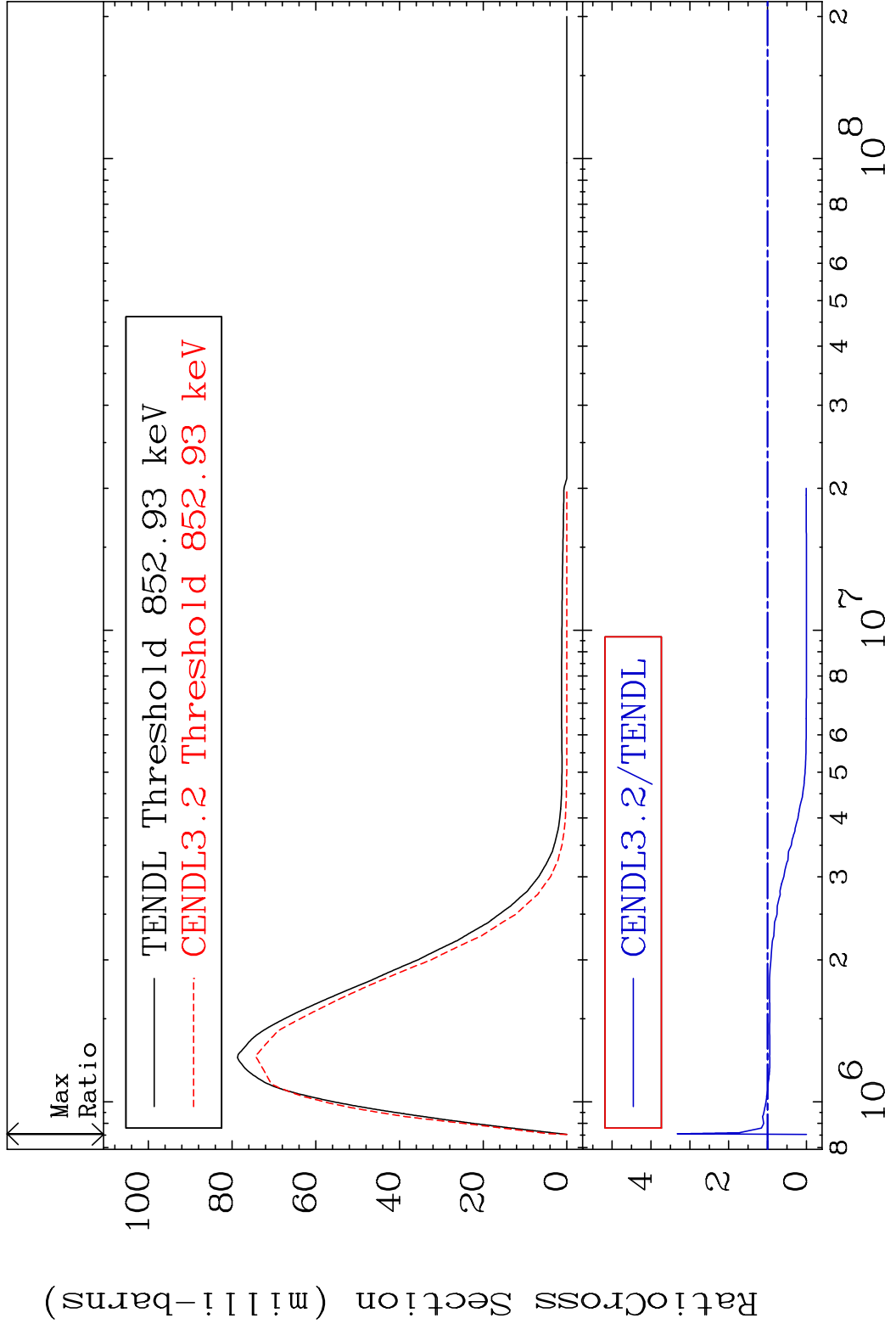


MAT 9225 MT= 57 (n, n') Level 92-U -234
 Cross Section -99.99 To 9999. %



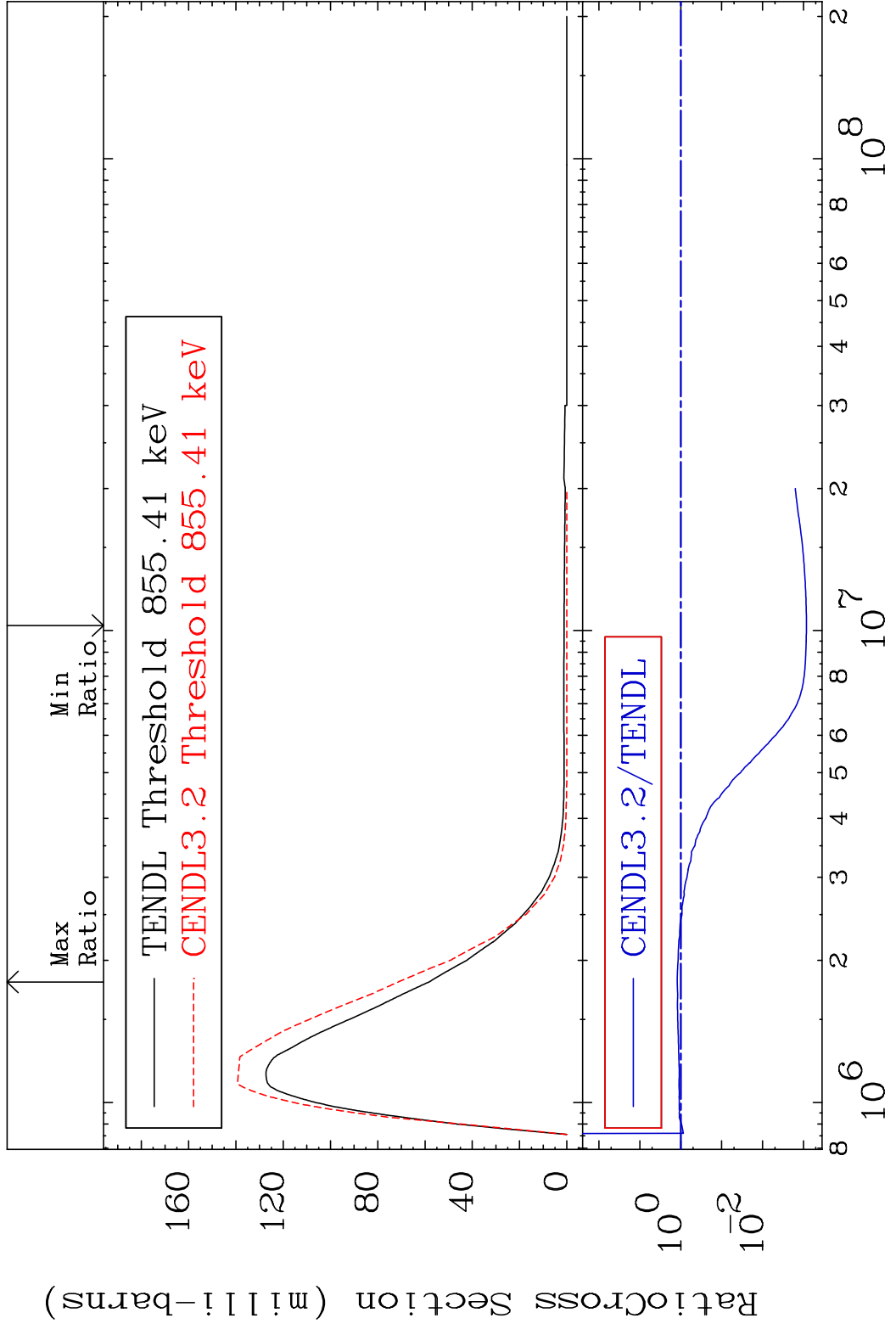
13 Incident Energy (eV) 92-U -234

MAT 9225 MT= 58 (n,n') Level 92-U -234
 Cross Section -100.0 To 232.5 %



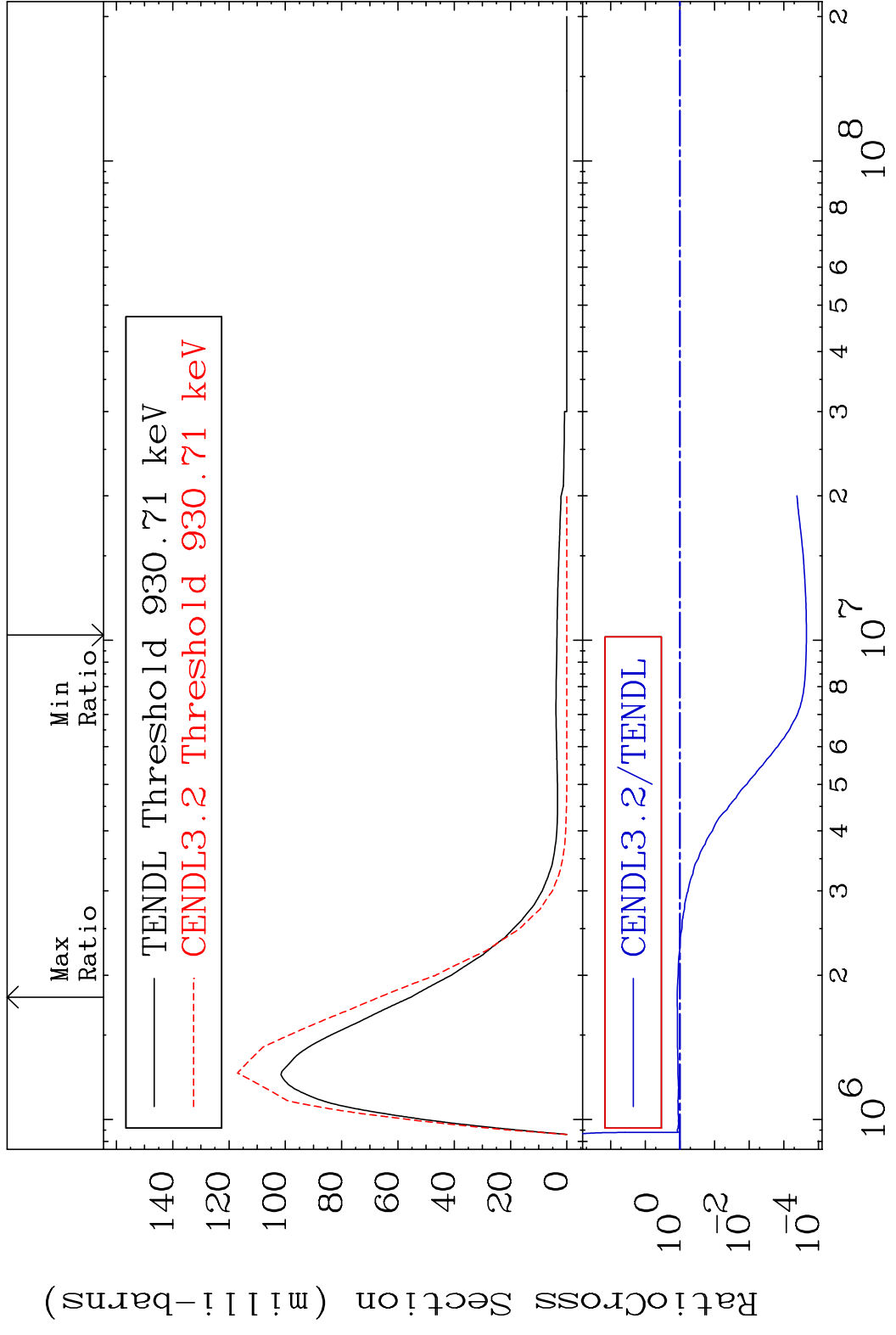
14 Incident Energy (eV) 92-U -234

MAT 9225 MT= 59 (n, n') Level 92-U -234
 Cross Section -99.92 To 22.21 %



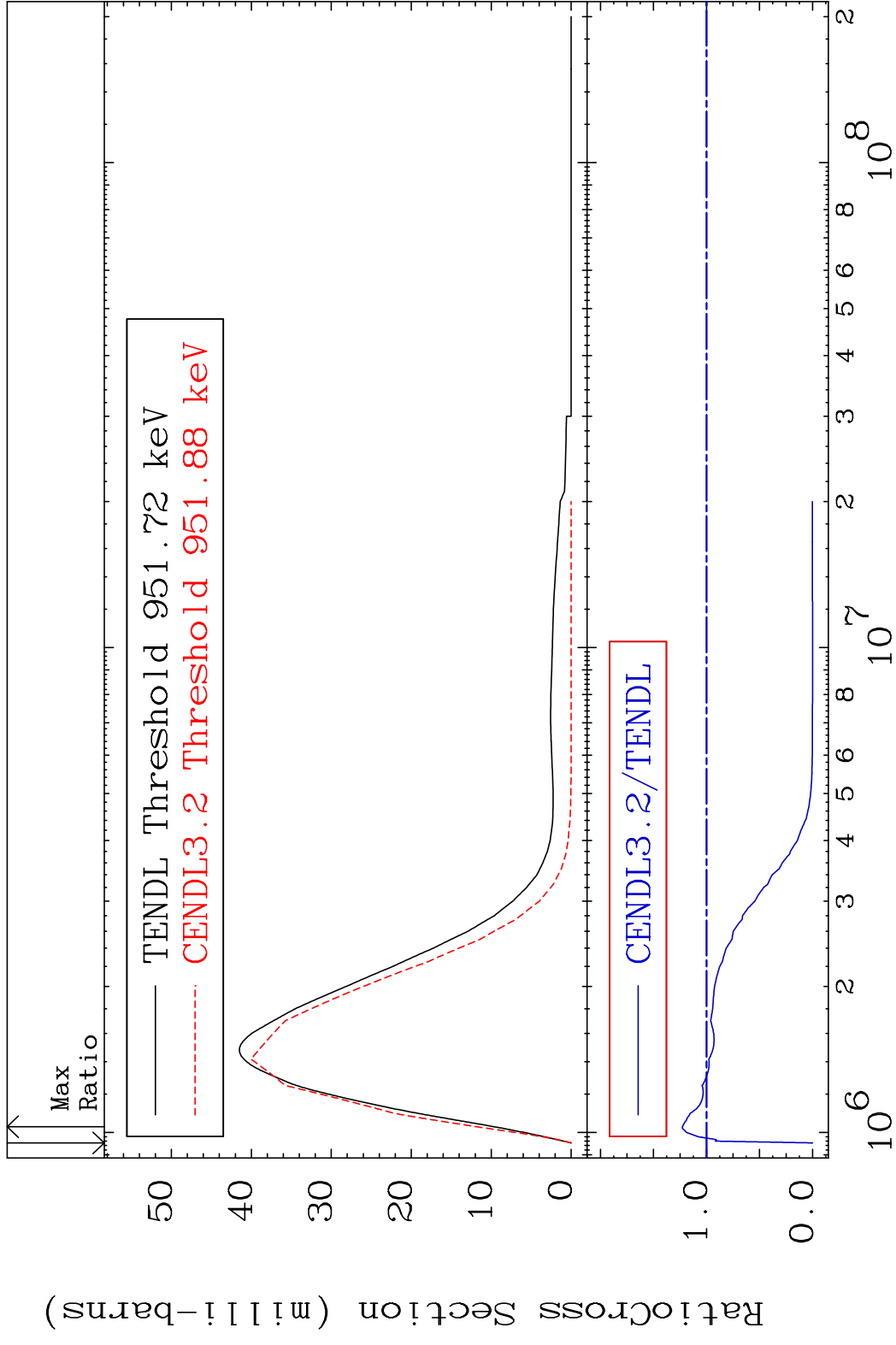
15 Incident Energy (eV) 92-U -234

MAT 9225 MT= 60 (n, n') Level 92-U -234
 Cross Section -99.98 To 20.18 %



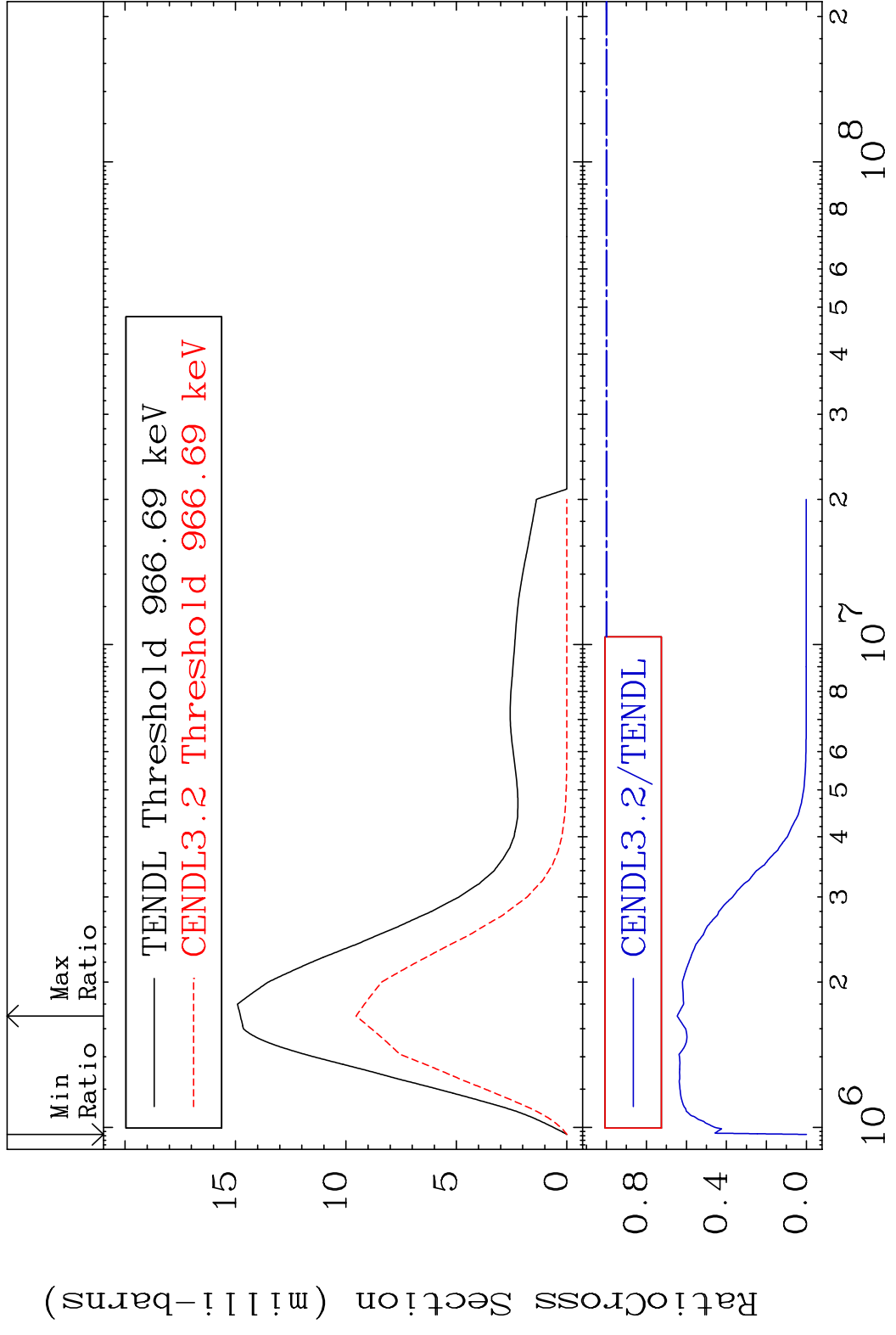
16 Incident Energy (eV) 92-U -234

MAT 9225 MT= 61 (n,n') Level 92-U -234
 Cross Section -100.0 To 22.79 %



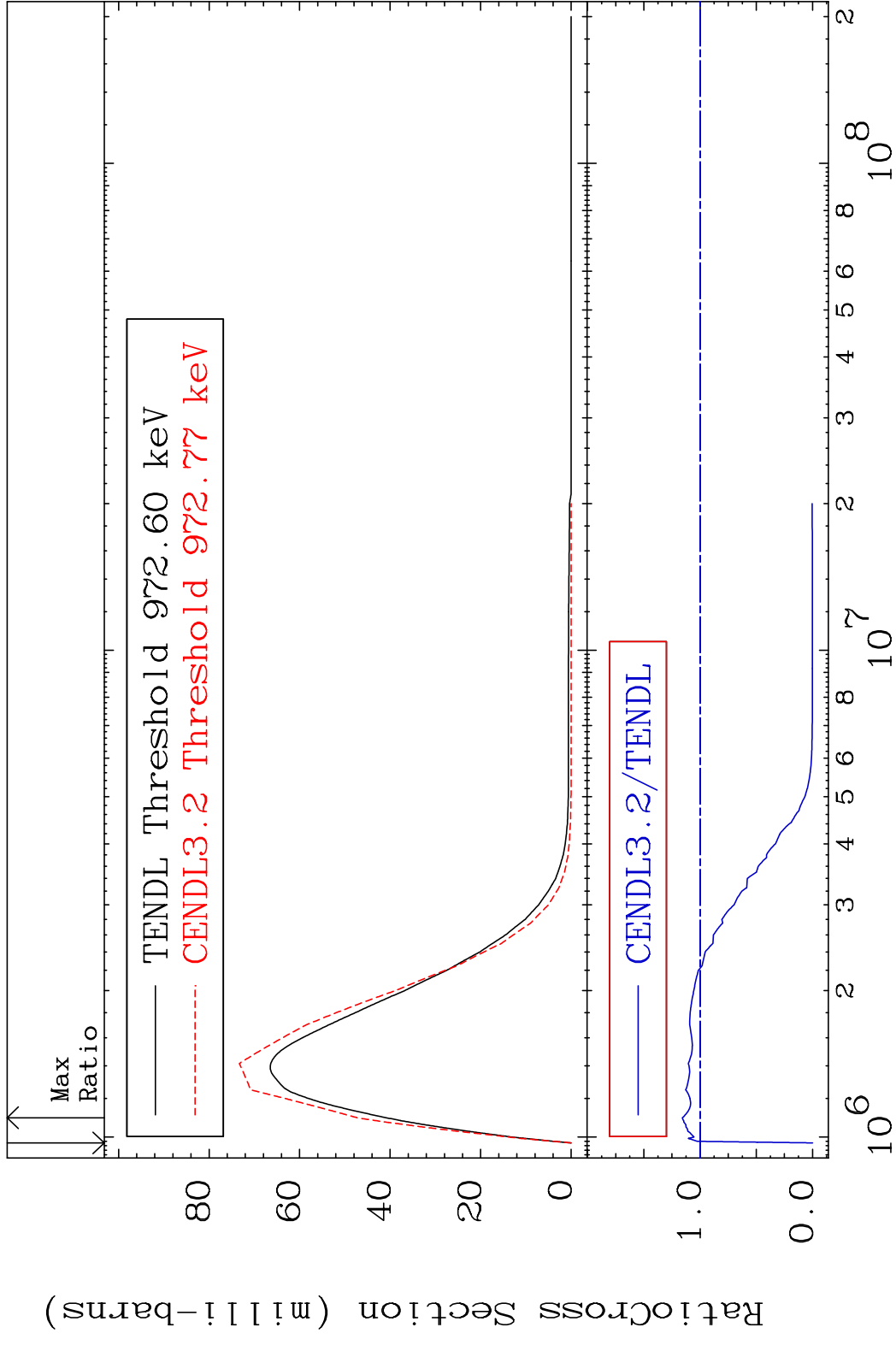
17 Incident Energy (eV) 92-U -234

MAT 9225 MT= 62 (n,n') Level 92-U -234
 Cross Section -100.0 To -35.40%



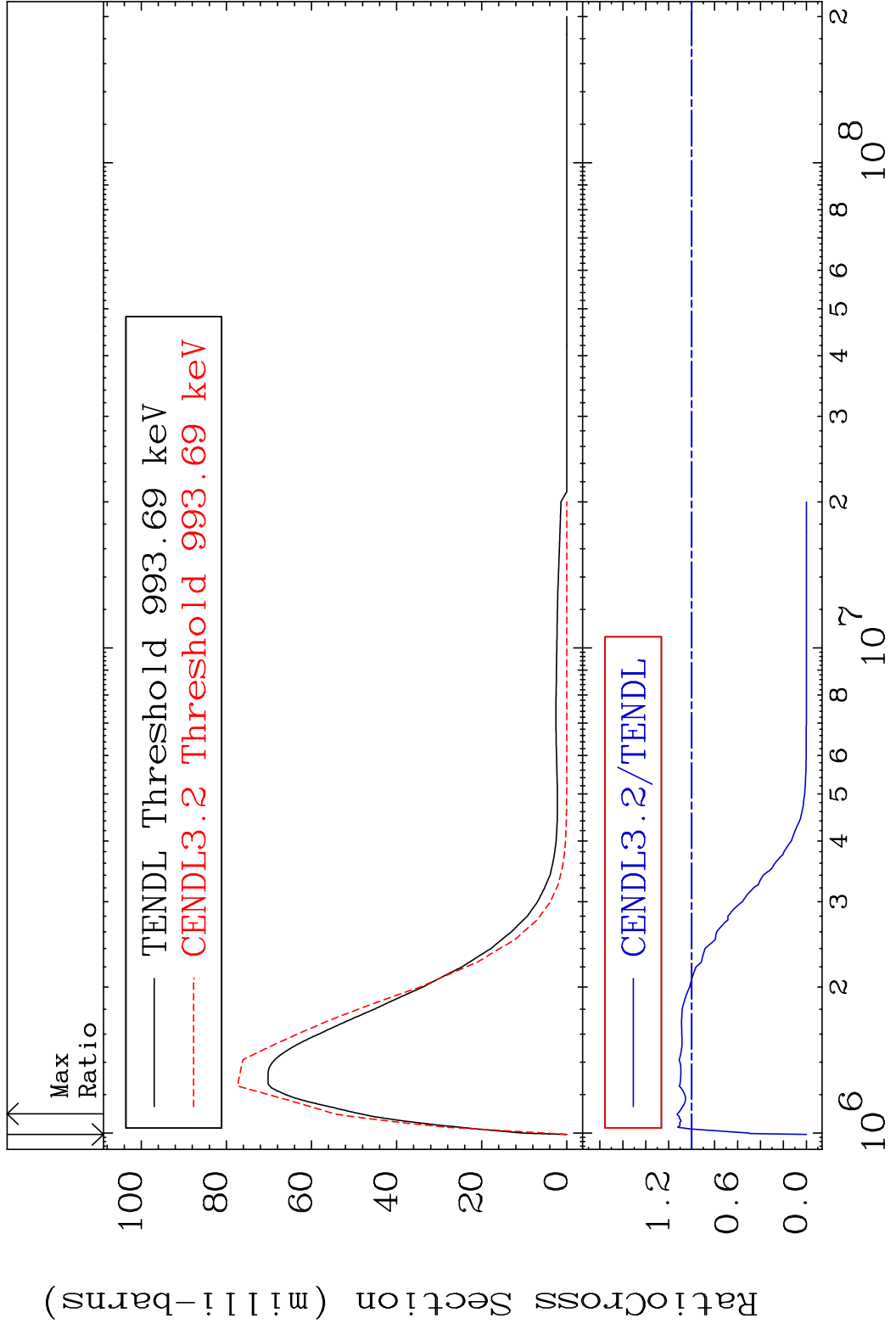
18 Incident Energy (eV) 92-U -234

MAT 9225 MT= 63 (n, n') Level 92-U -234
 Cross Section -100.0 To 15.76 %



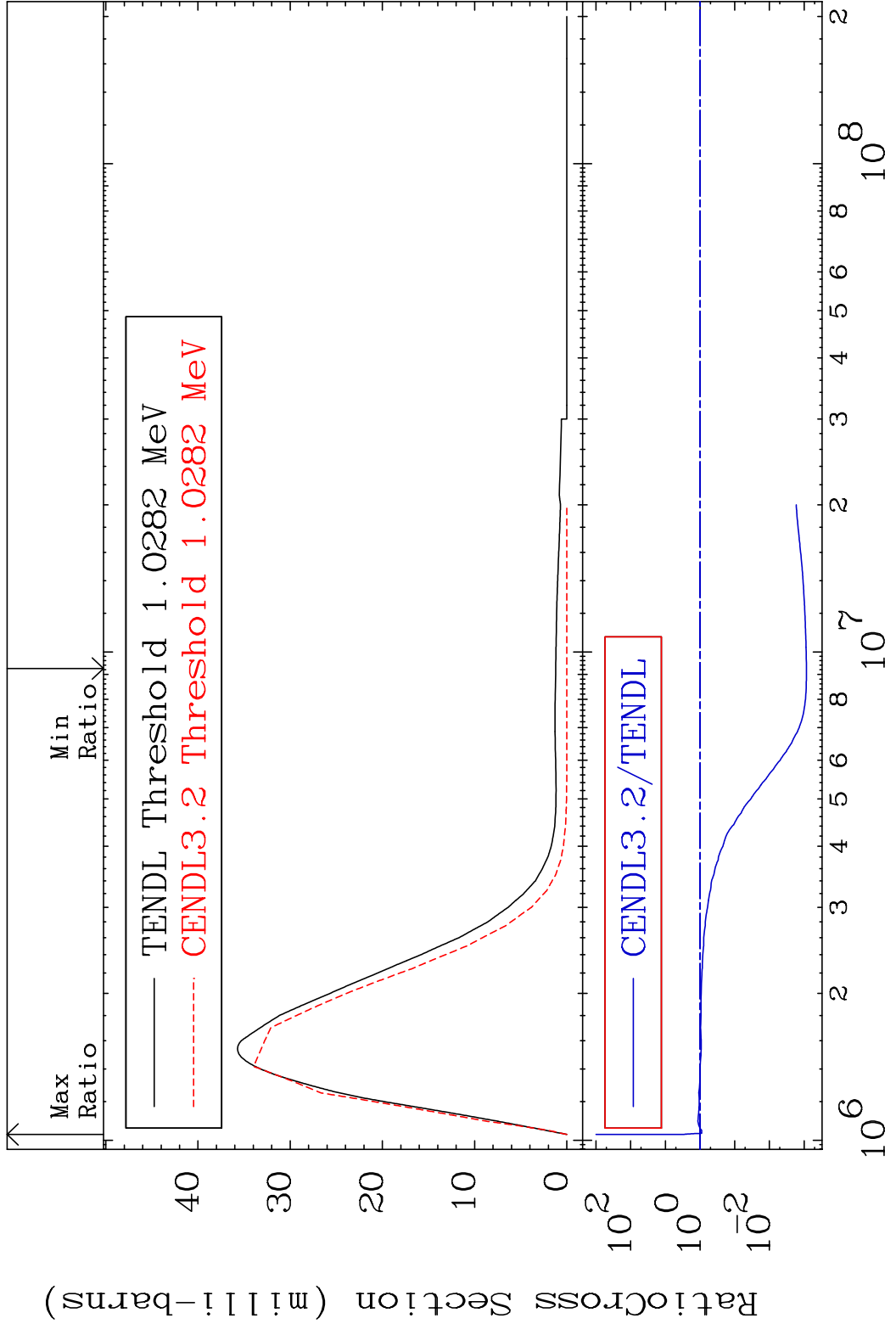
19 Incident Energy (eV) 92-U -234

MAT 9225 MT= 64 (n,n') Level 92-U -234
 Cross Section -100.0 To 12.62 %

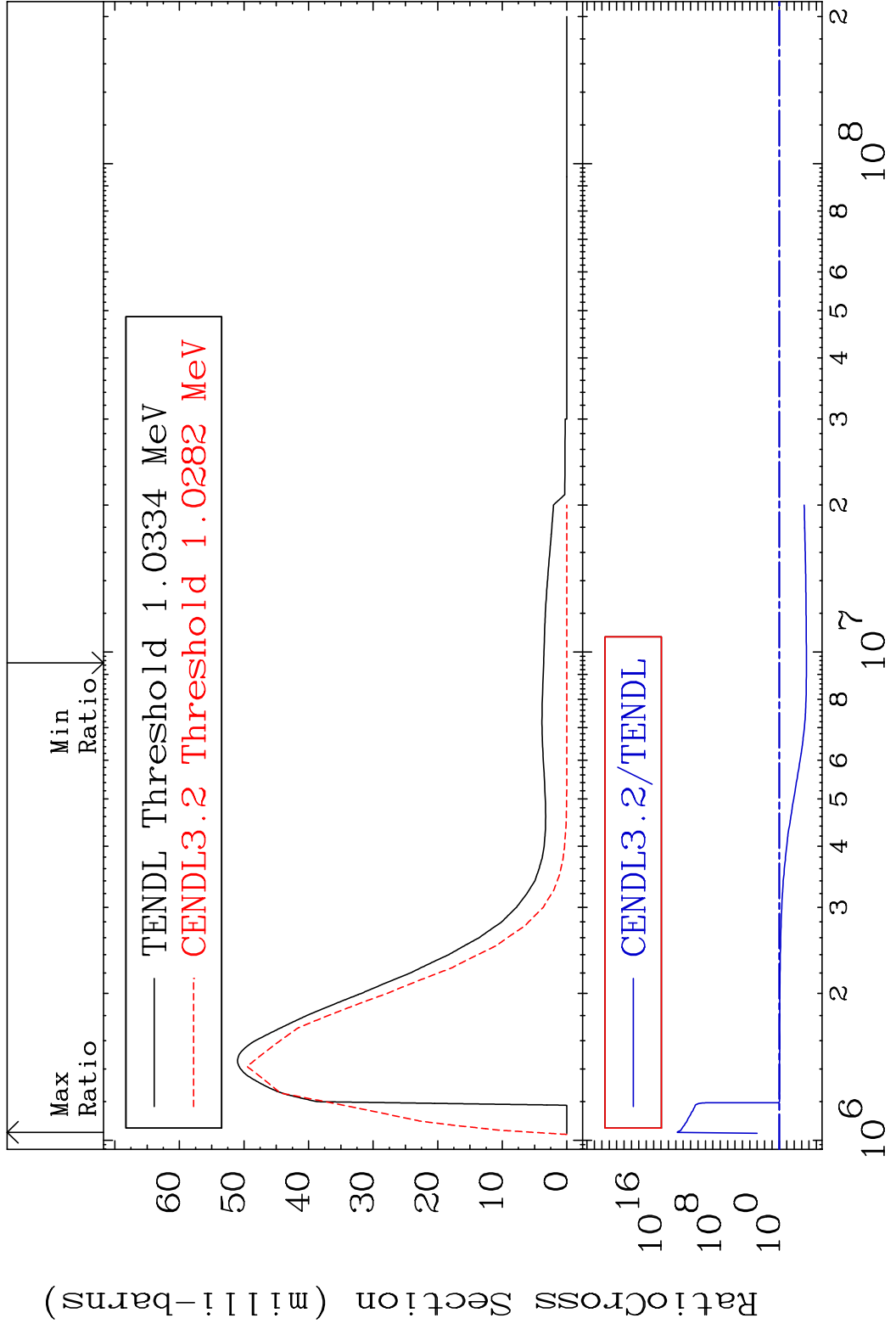


20 10⁶ 2 3 4 5 6 8 10⁷ 2 3 4 5 6 8 10⁸ 20 92-U -234

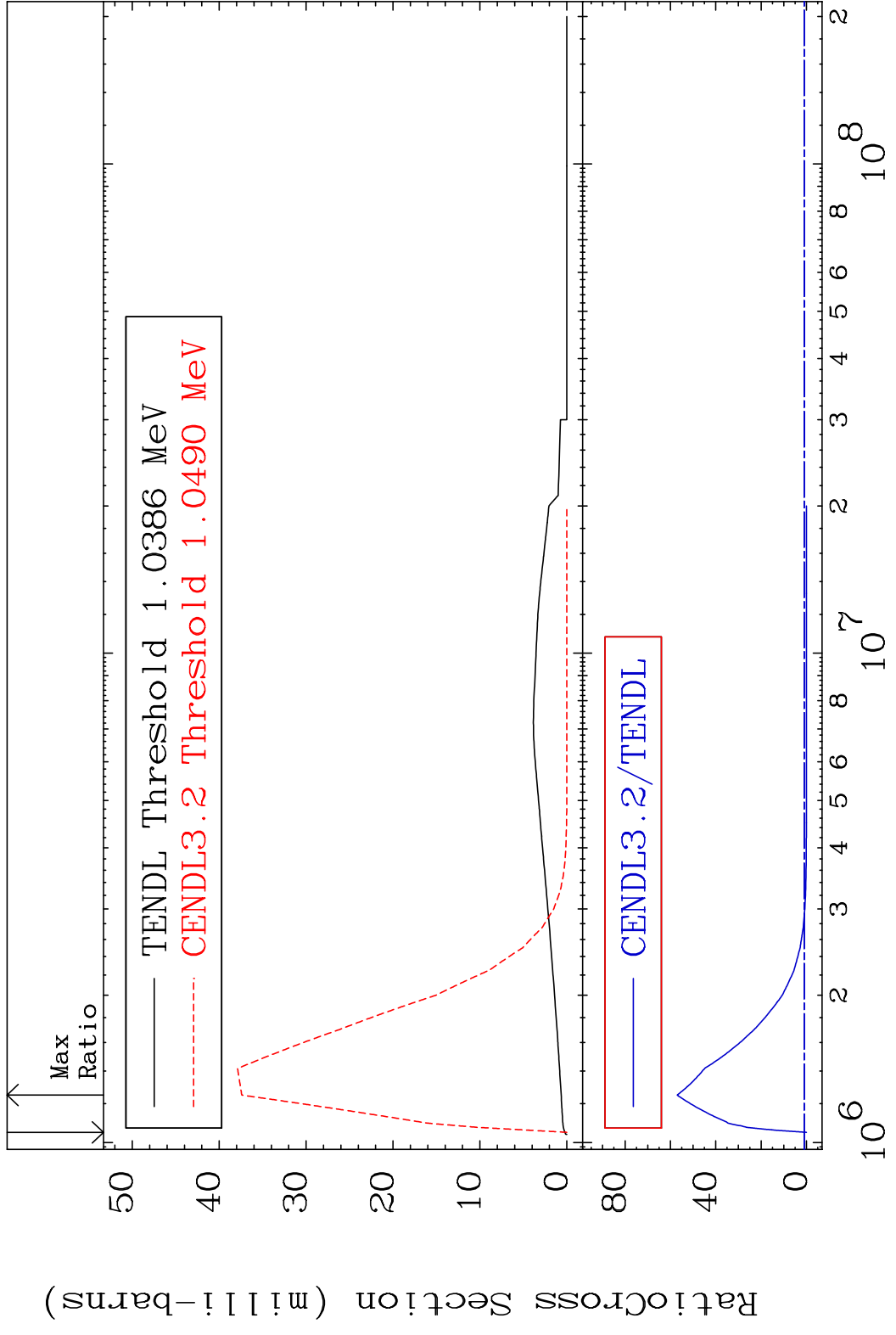
MAT 9225 MT= 65 (n,n') Level 92-U -234
 Cross Section -99.91 To 355.8 %



MAT 9225 MT= 66 (n,n') Level 92-U -234
 Cross Section -99.98 To 9999. %

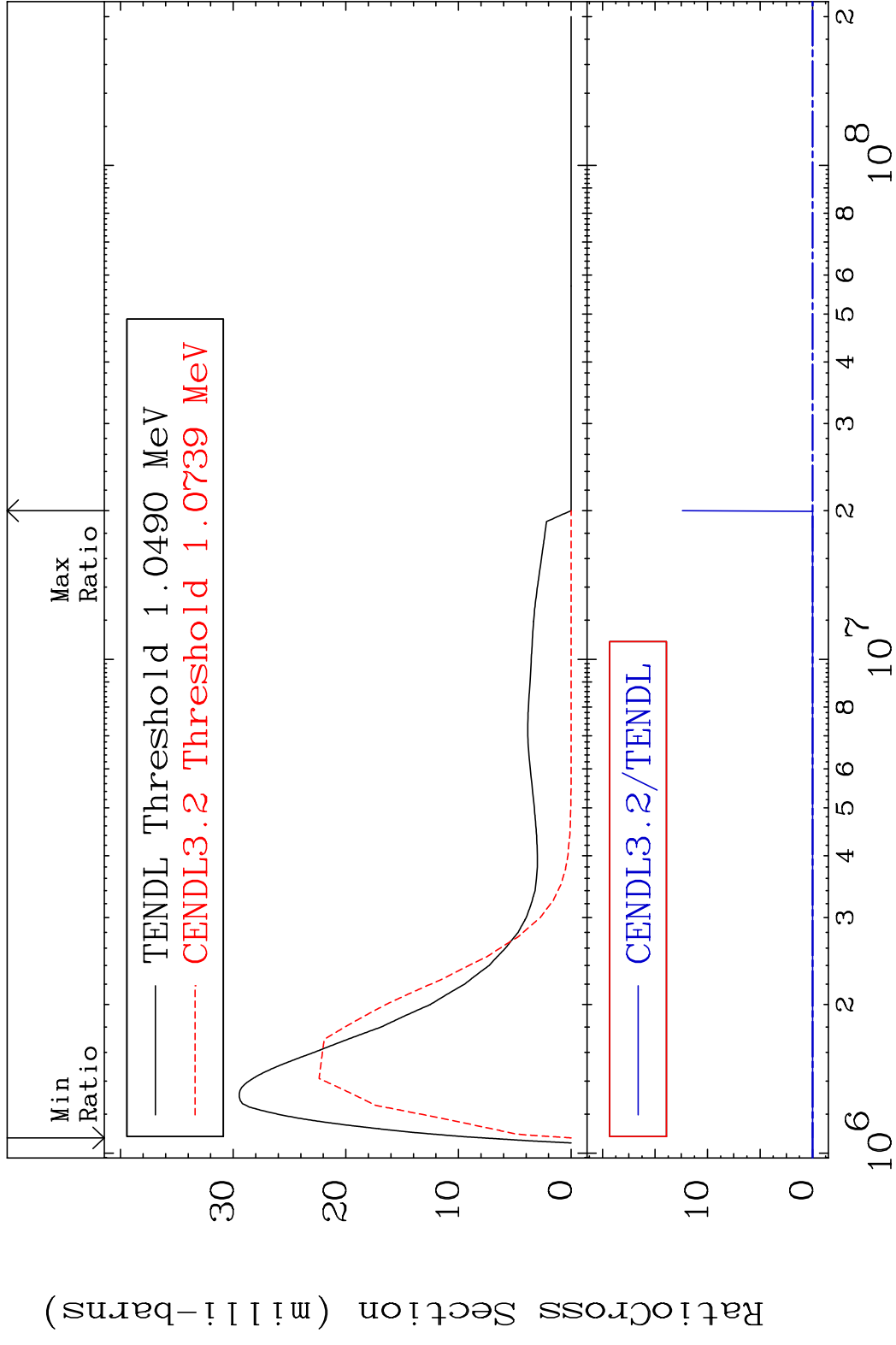


MAT 9225 MT= 67 (n, n') Level 92-U -234
 Cross Section -100.0 To 5603. %



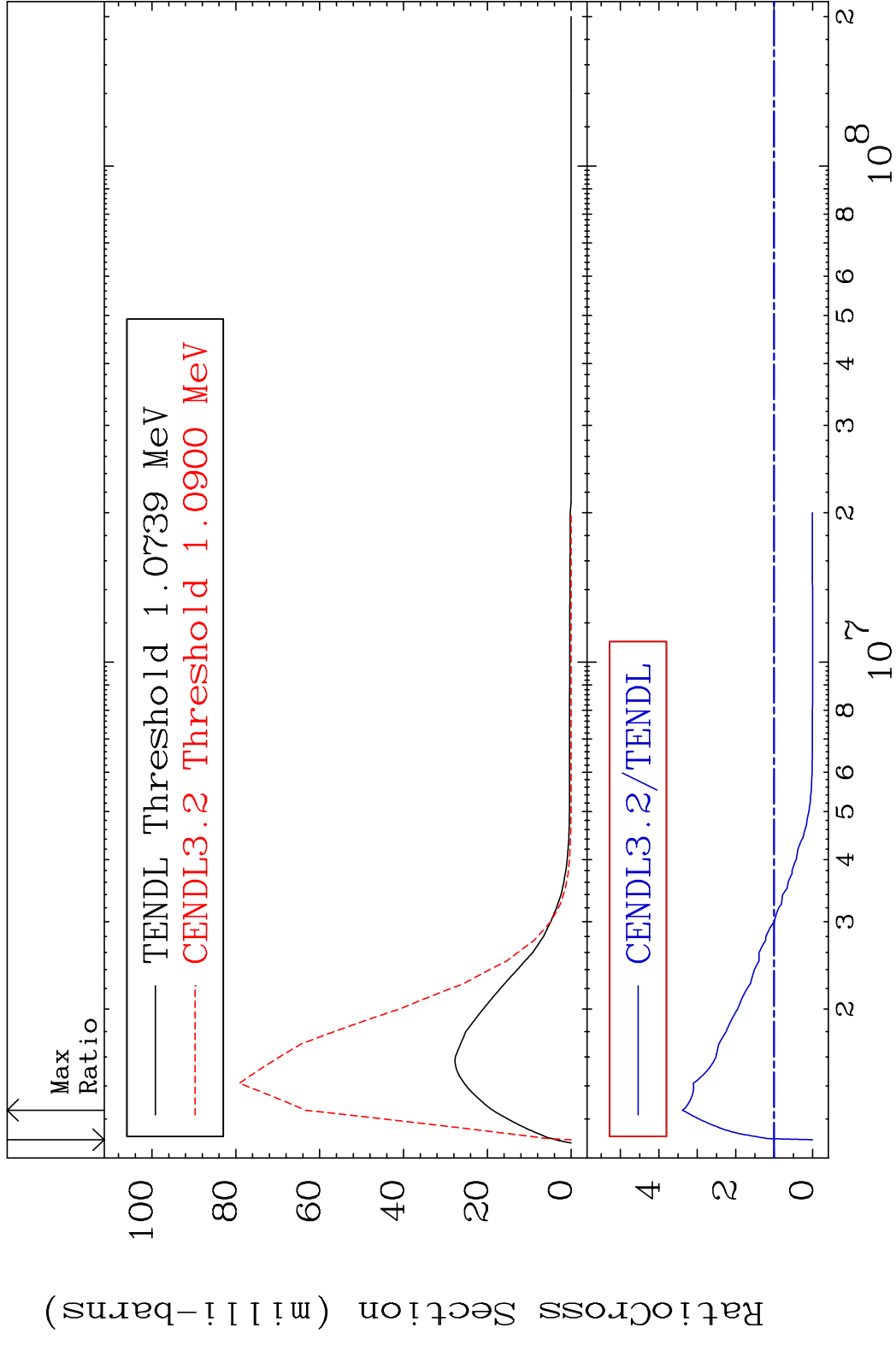
23 Incident Energy (eV) 92-U -234

MAT 9225 MT= 68 (n, n') Level 92-U -234
 Cross Section -100.0 To 9999. %

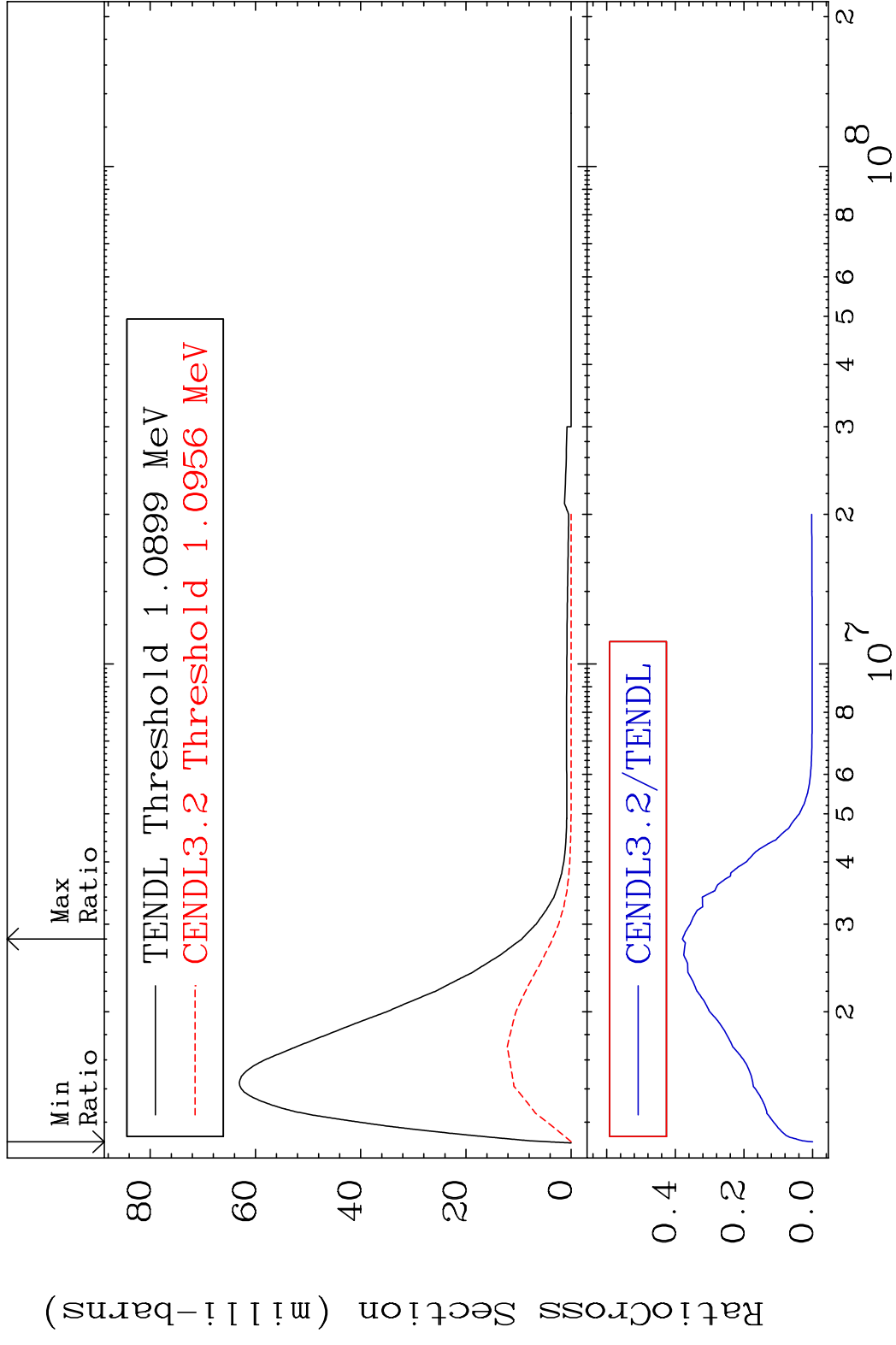


24 Incident Energy (eV) 92-U -234

MAT 9225 MT= 69 (n, n') Level 92-U -234
 Cross Section -100.0 To 238.9 %



MAT 9225 MT= 70 (n,n') Level 92-U -234
 Cross Section -100.0 To -62.03%

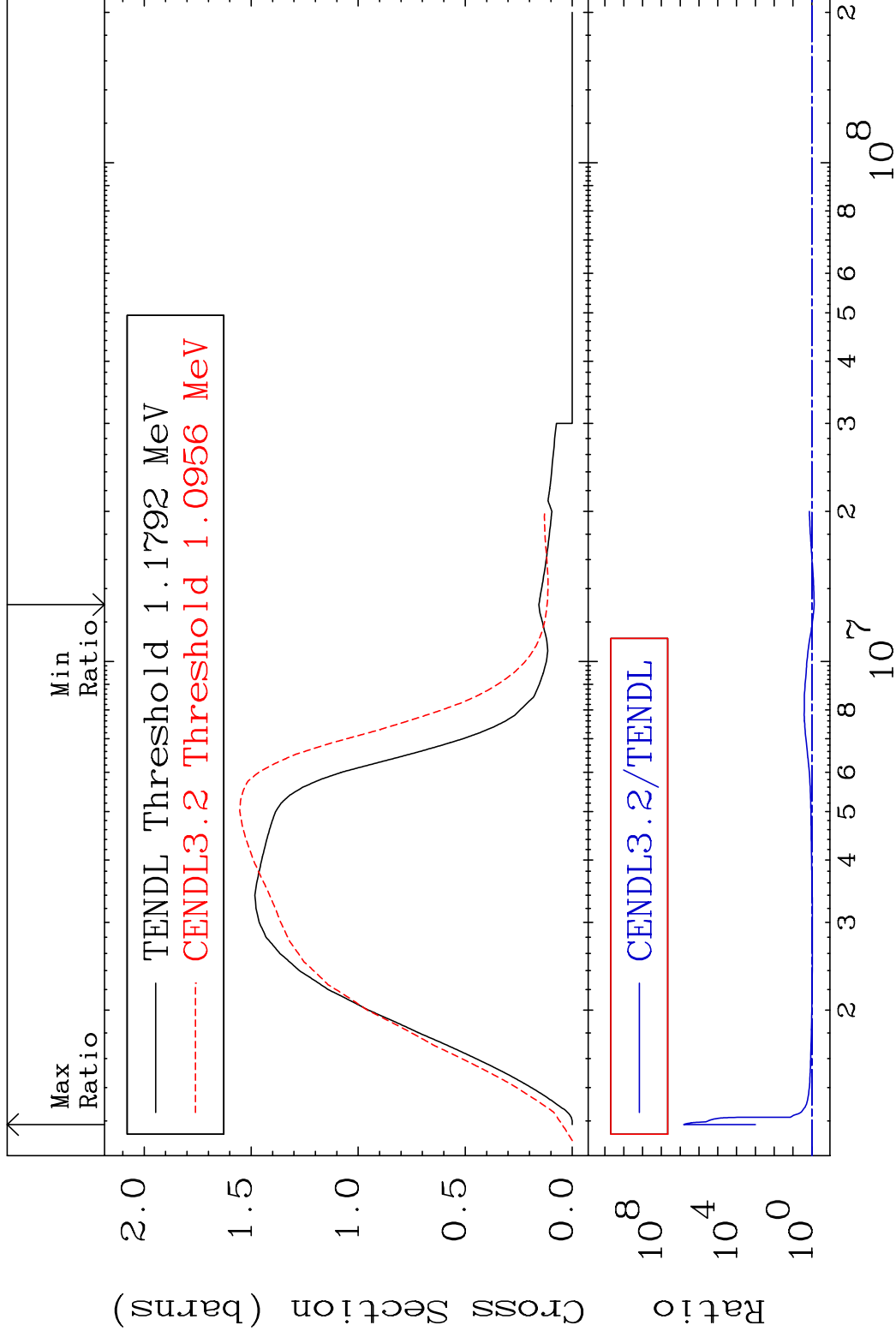


MAT 9225

(n, n') Continuum

92-U -234

Cross Section -24.52 To 9999. %



27

Incident Energy (eV)

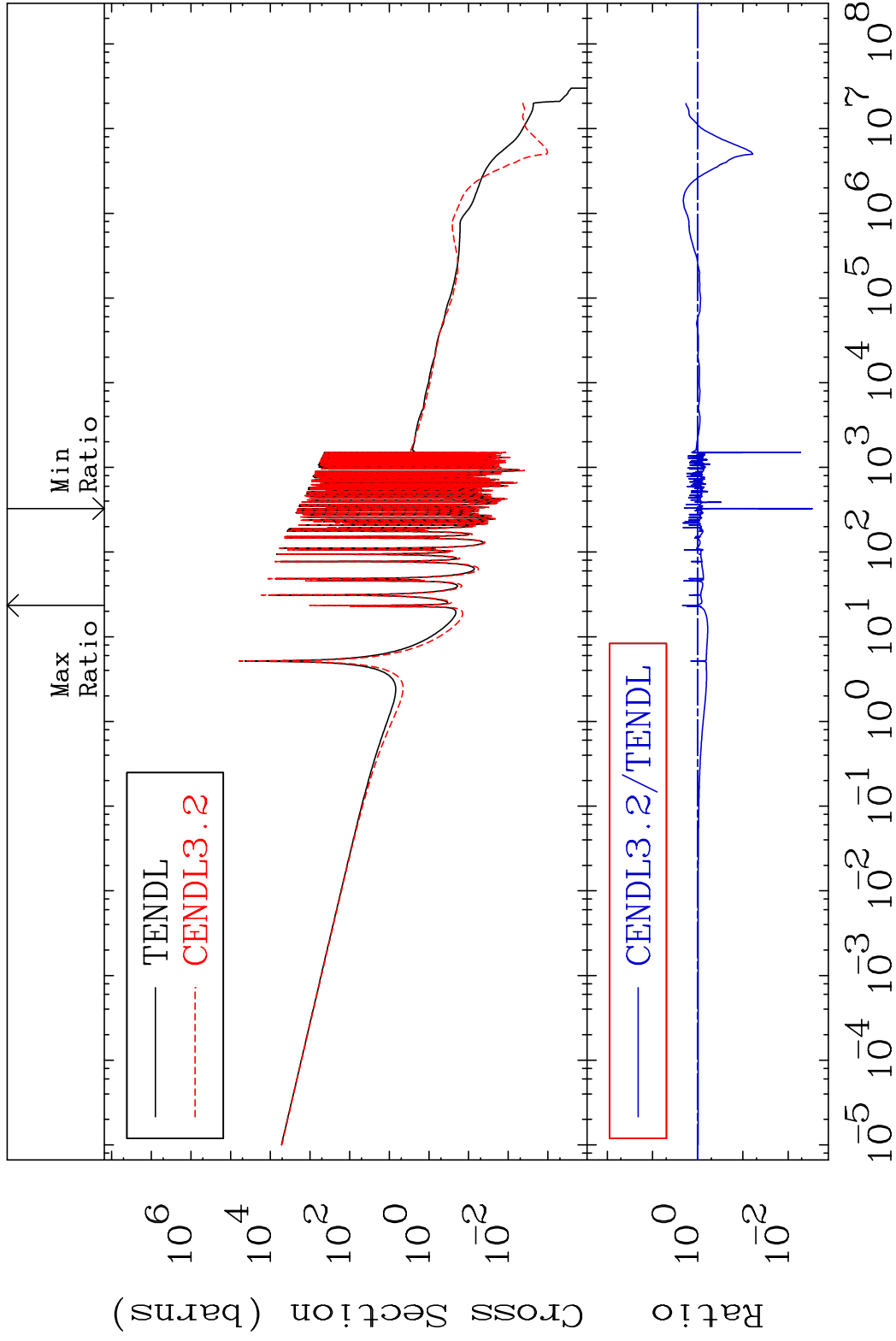
92-U -234

MAT 9225

(n, γ)

92-U -234

Cross Section -99.71 To 118.7 %



28

Incident Energy (eV)

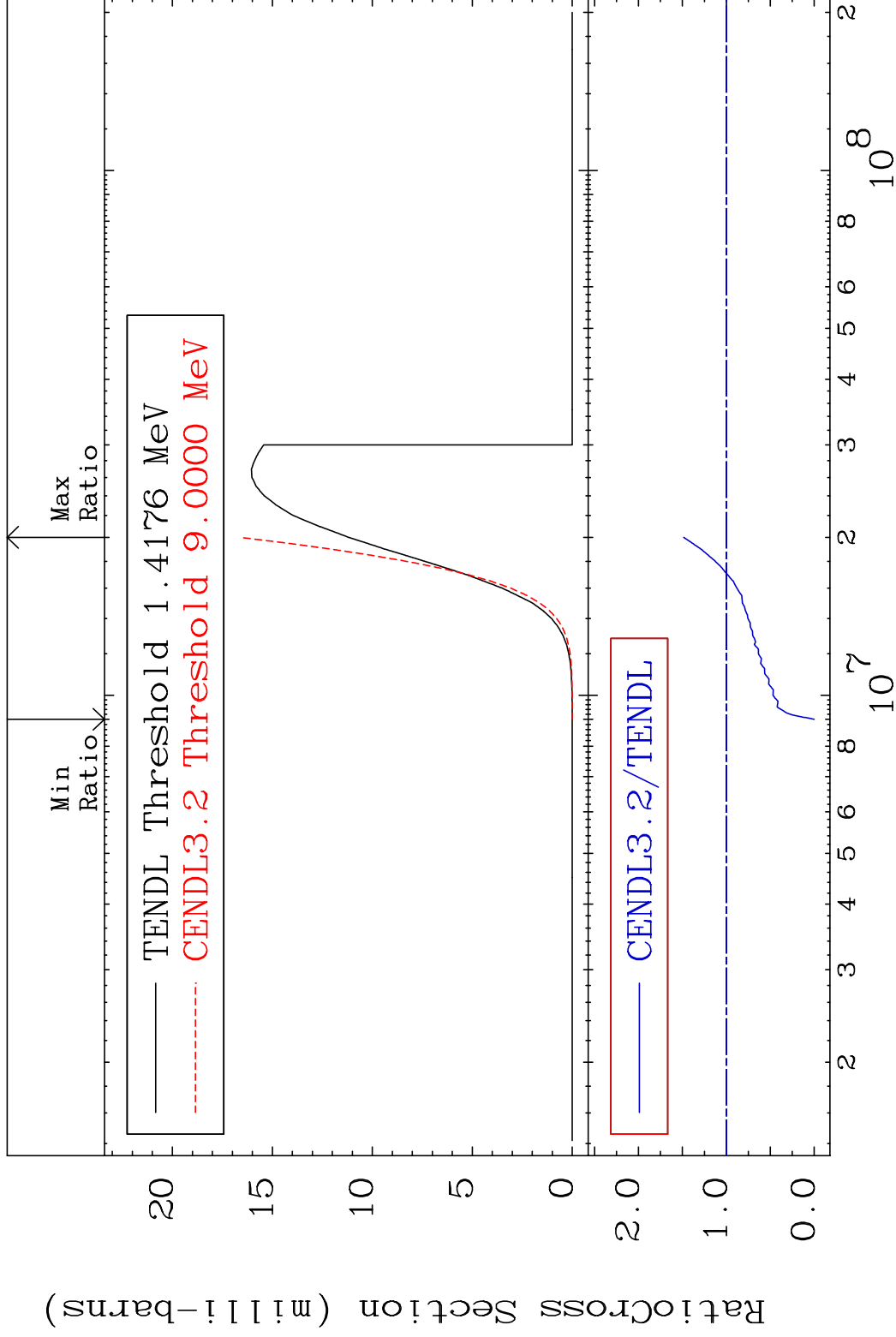
92-U -234

MAT 9225

(n,p)

92-U -234

Cross Section -100.0 To 48.61 %



29

Incident Energy (eV)

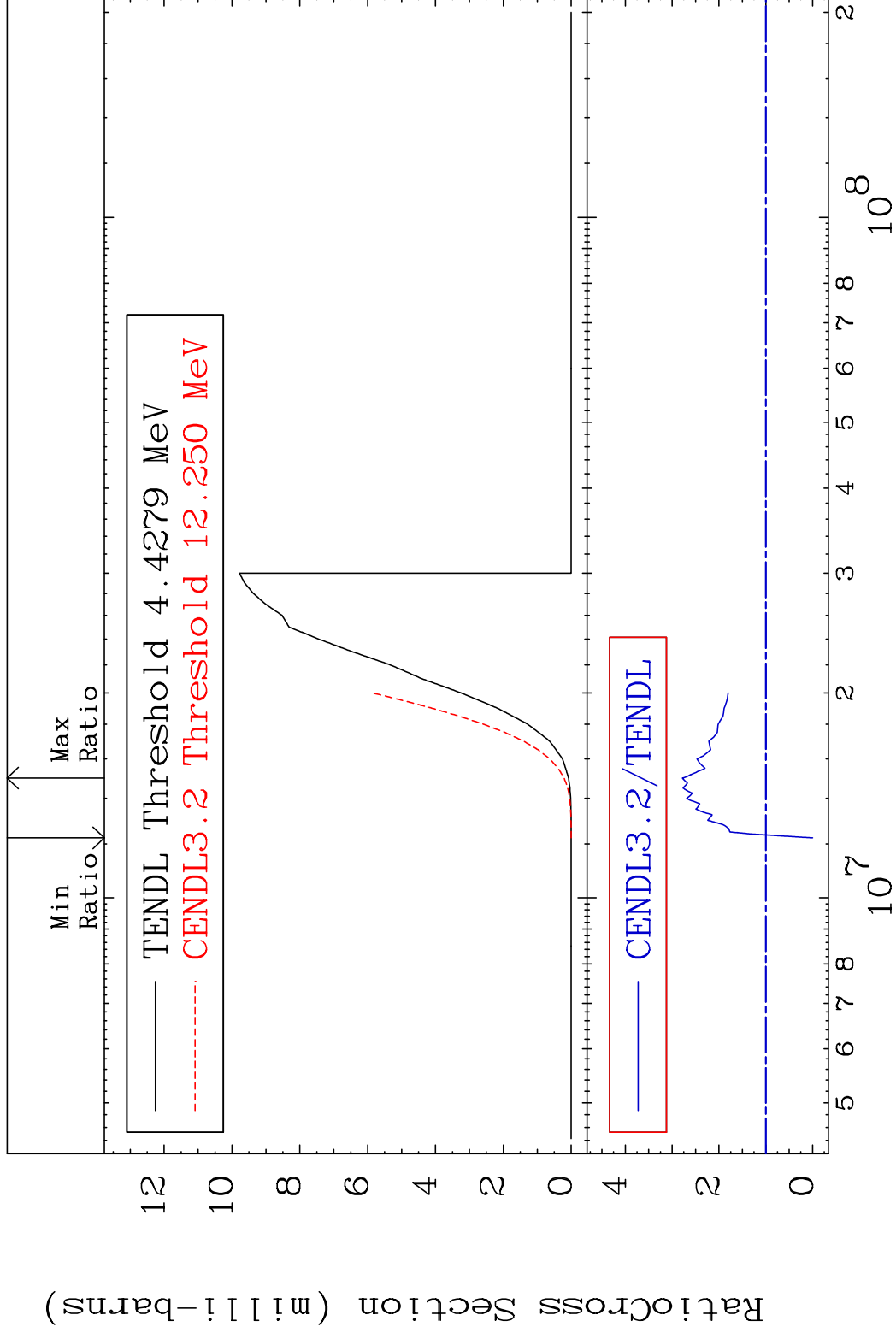
92-U -234

MAT 9225

(n, d)

92-U -234

Cross Section -100.0 To 178.1 %

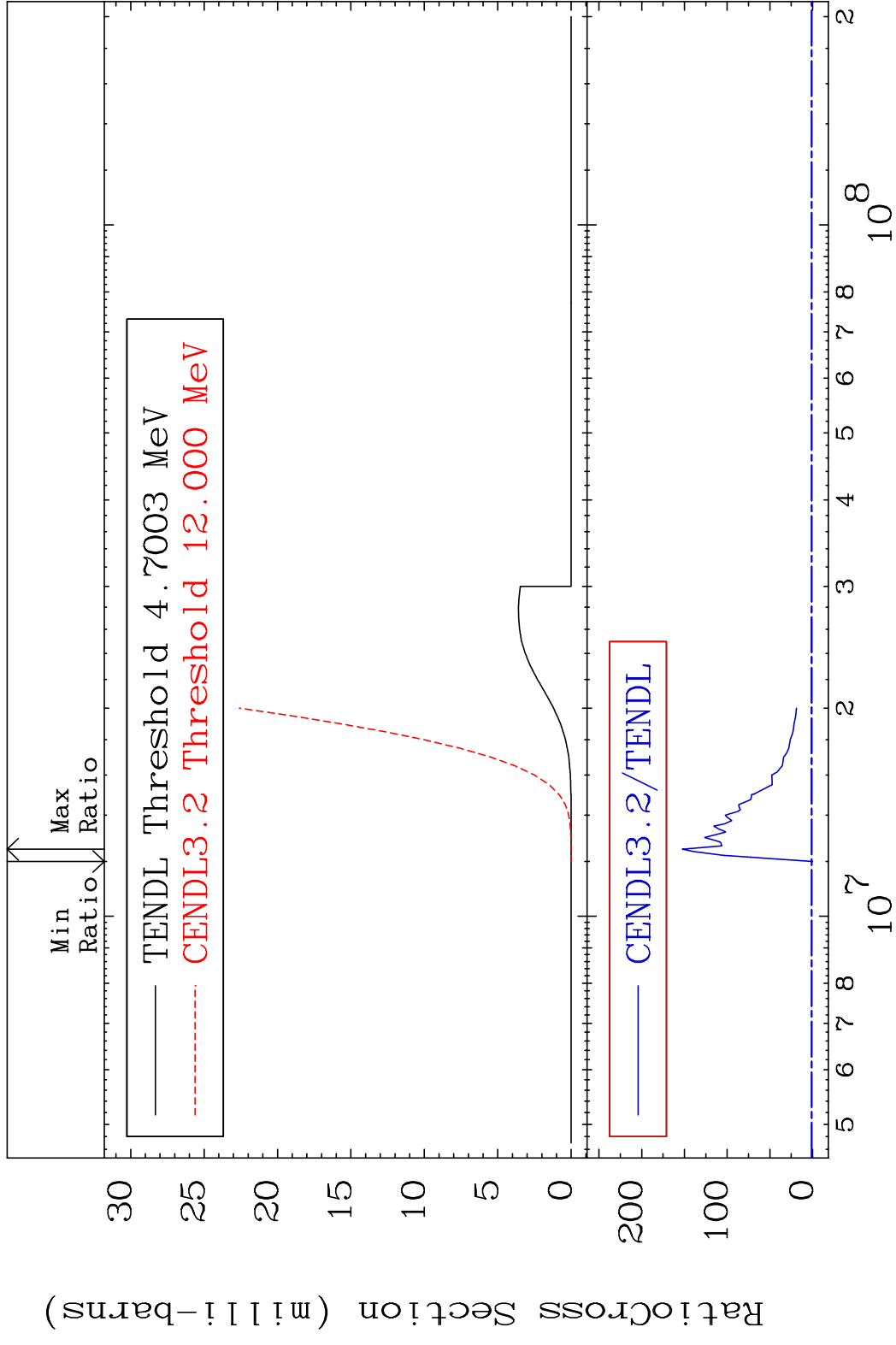


30

Incident Energy (eV)

92-U -234

MAT 9225 (n, t) 92-U -234
 Cross Section -100.0 To 9999. %

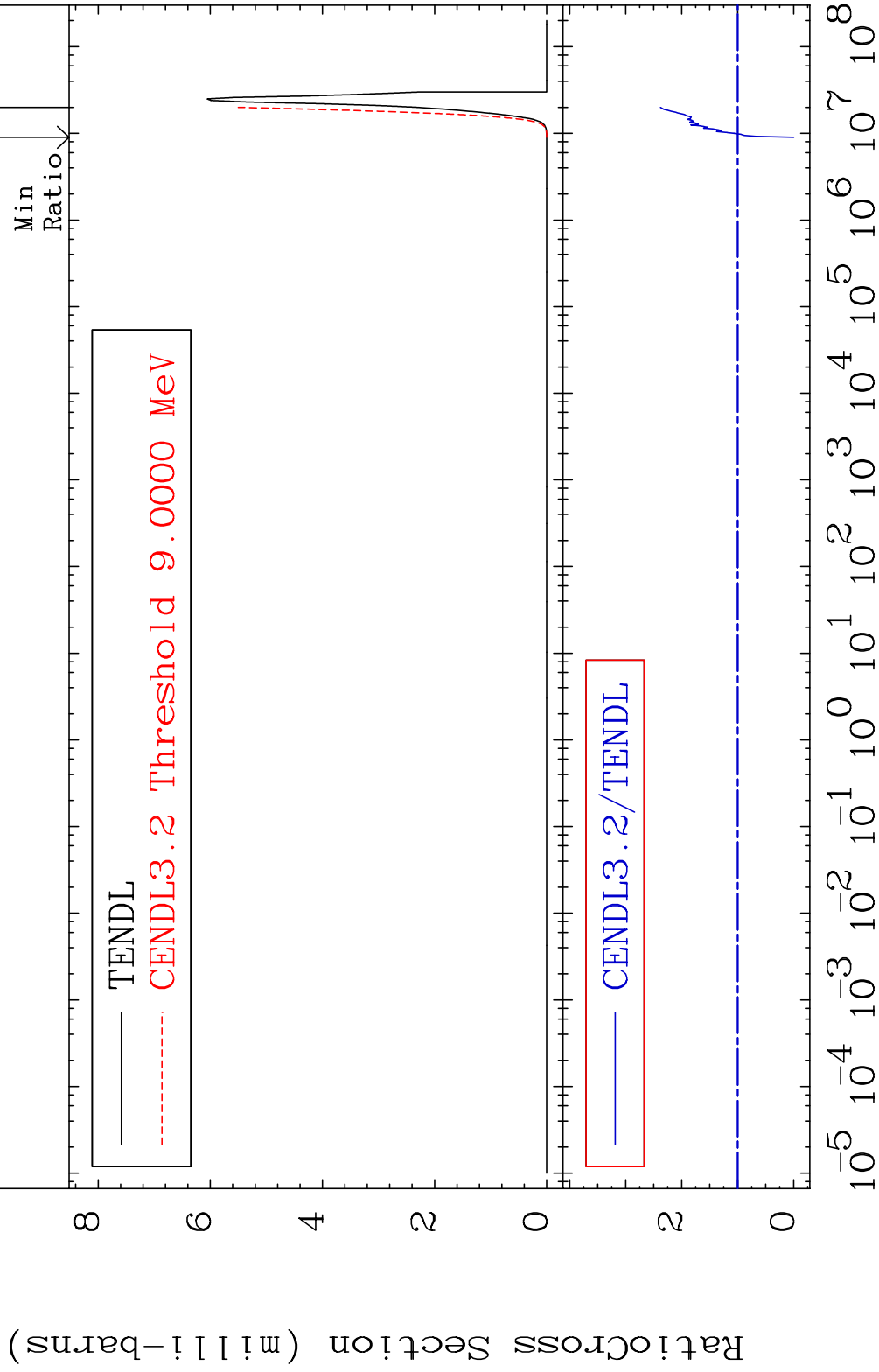


MAT 9225

(n, α)

92-U -234

Cross Section -100.0 To 137.9 %

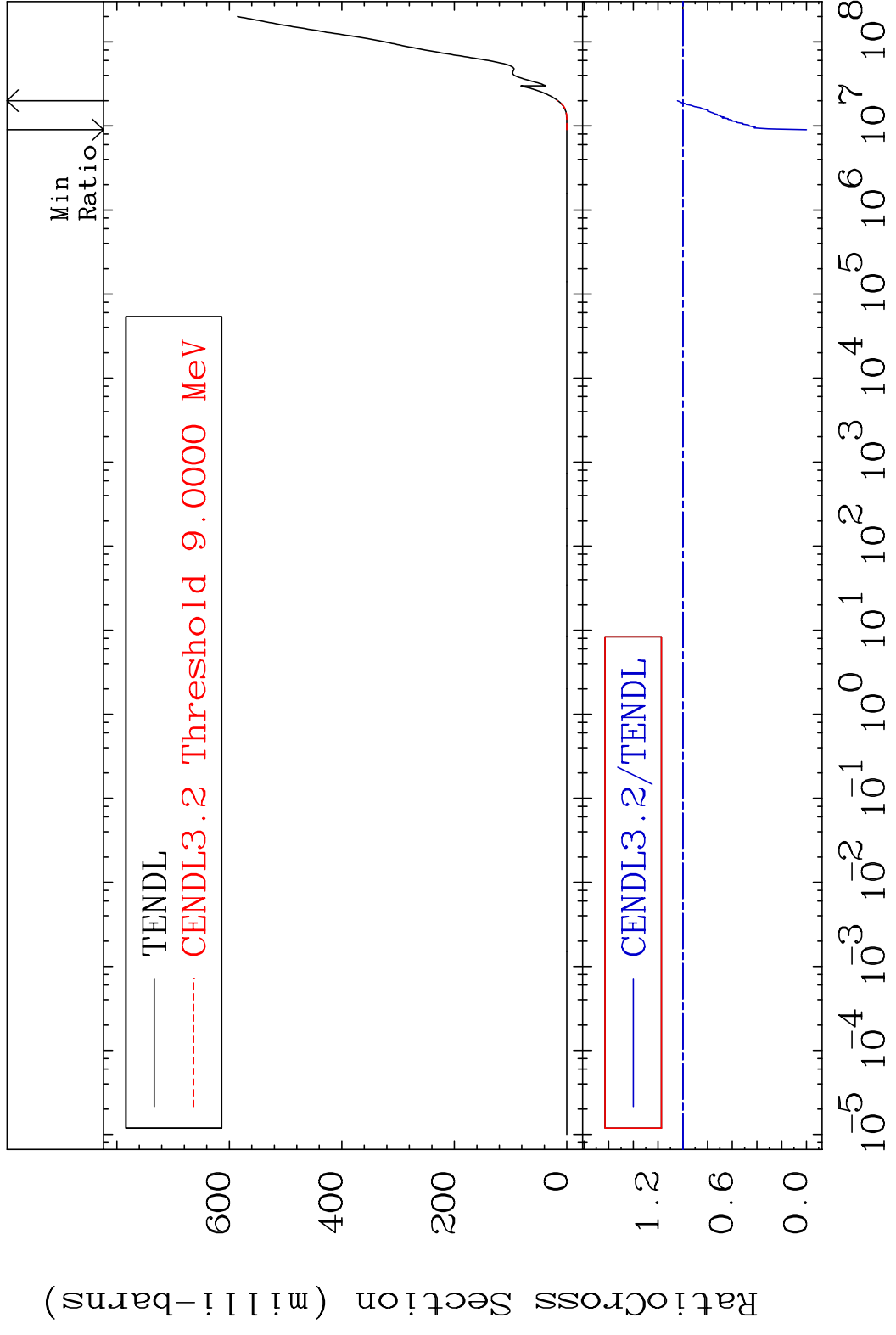


32

Incident Energy (eV)

92-U -234

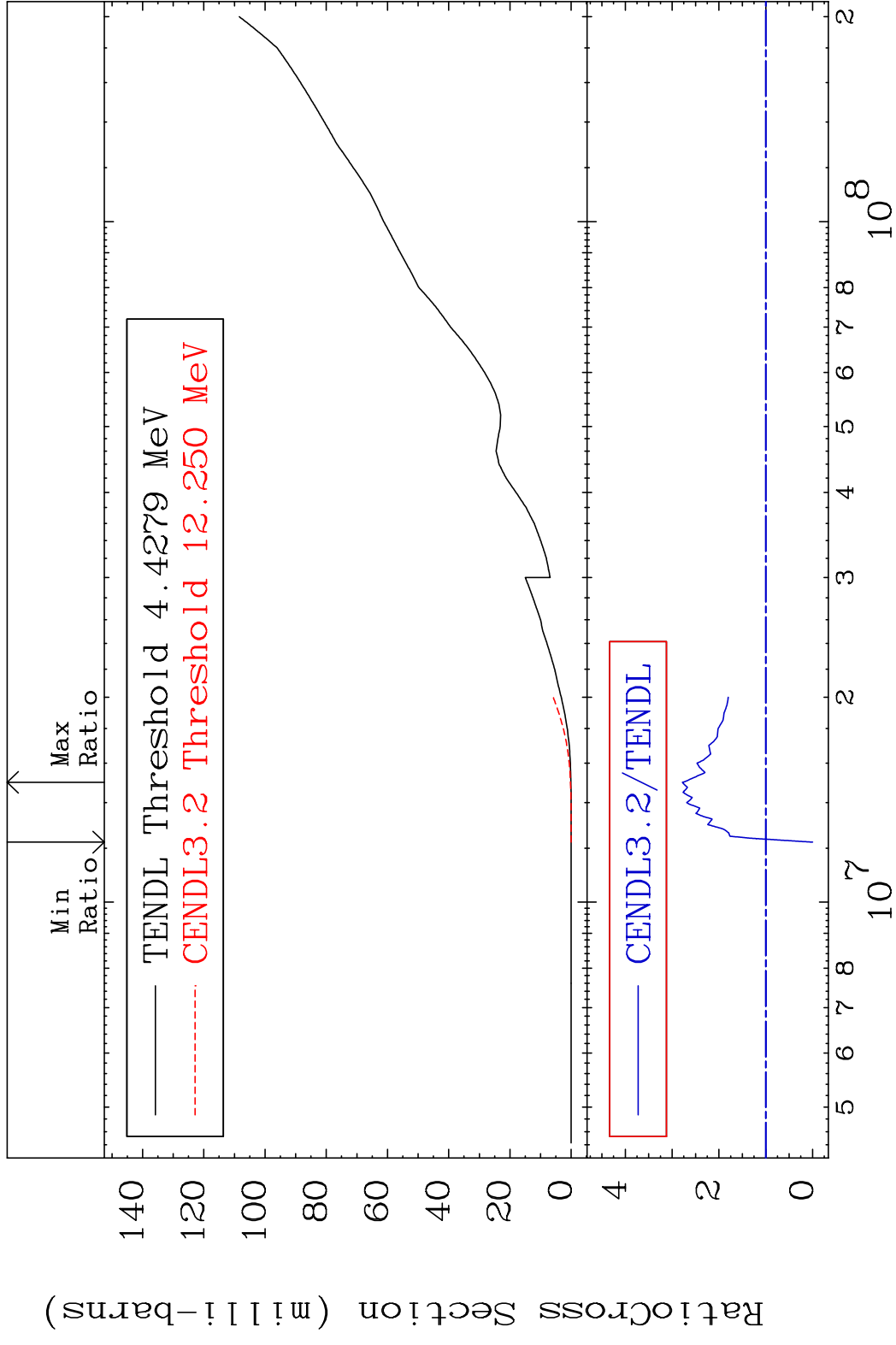
MAT 9225 Hydrogen Production 92-U -234
Cross Section -100.0 To 4.535 %



MAT 9225

Deuterium Production 92-U -234

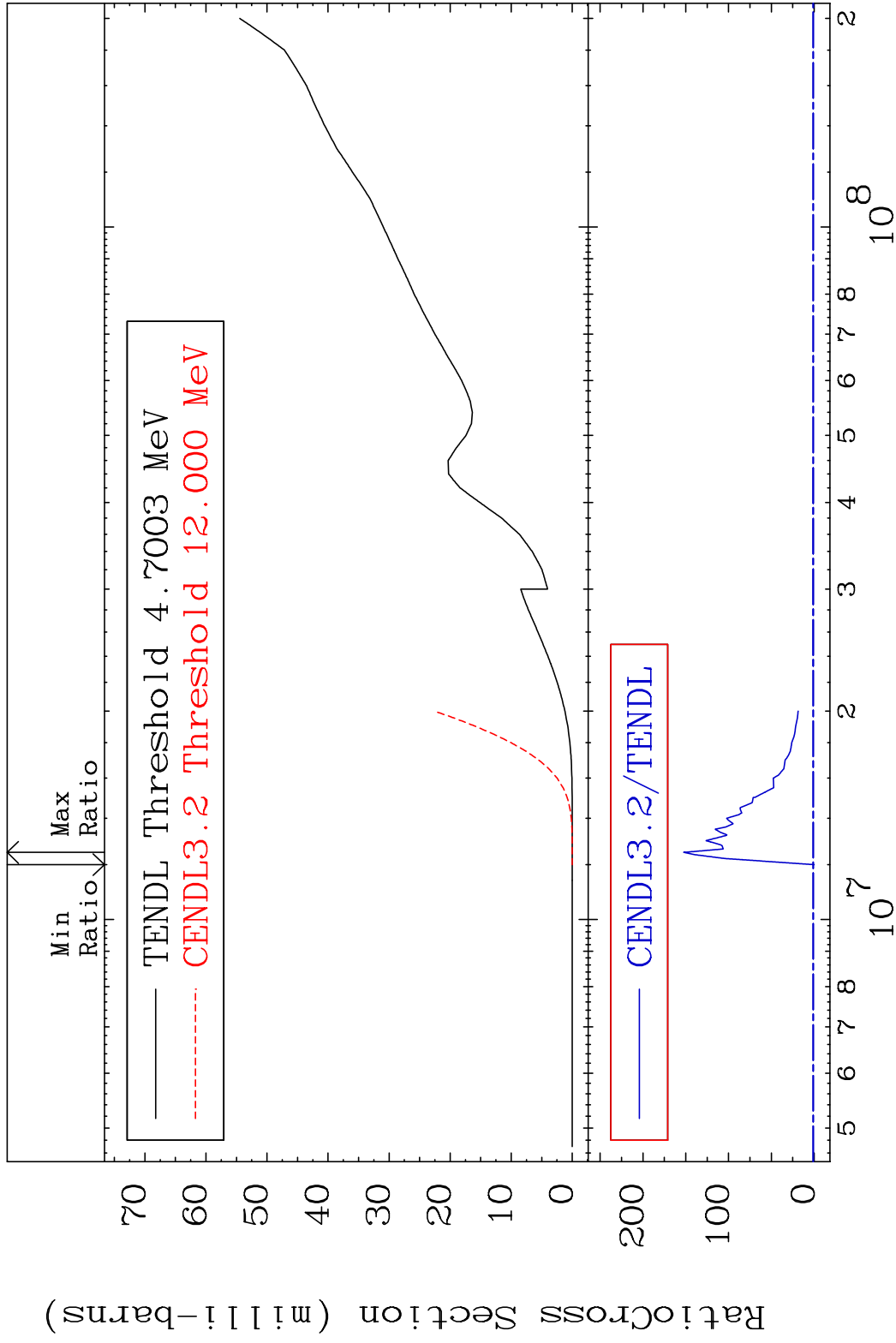
Cross Section -100.0 To 178.1 %



MAT 9225

Tritium Production 92-U -234

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

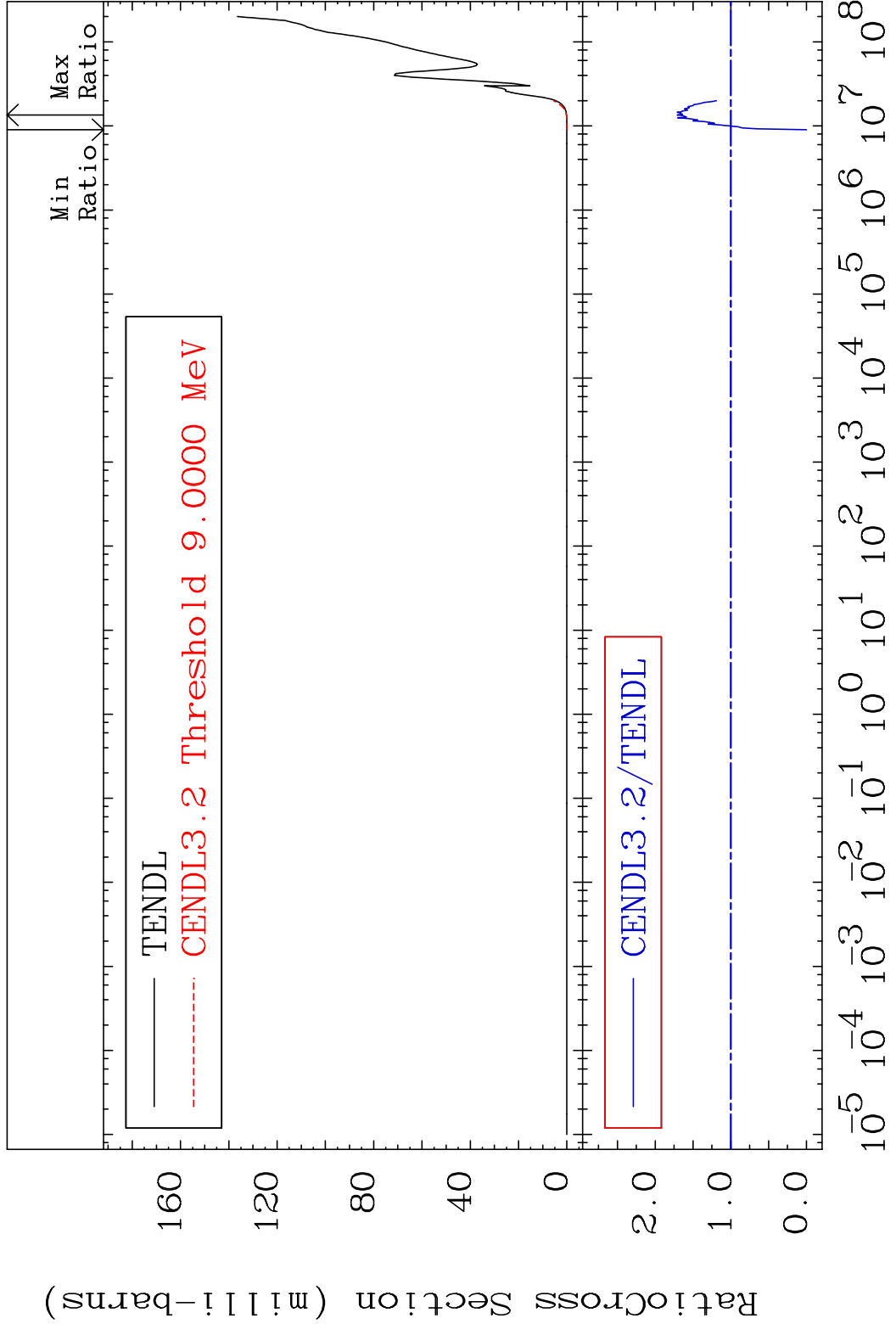
92-U -234

MAT 9225

He-4 Production

92-U -234

Cross Section -100.0 To 70.96 %

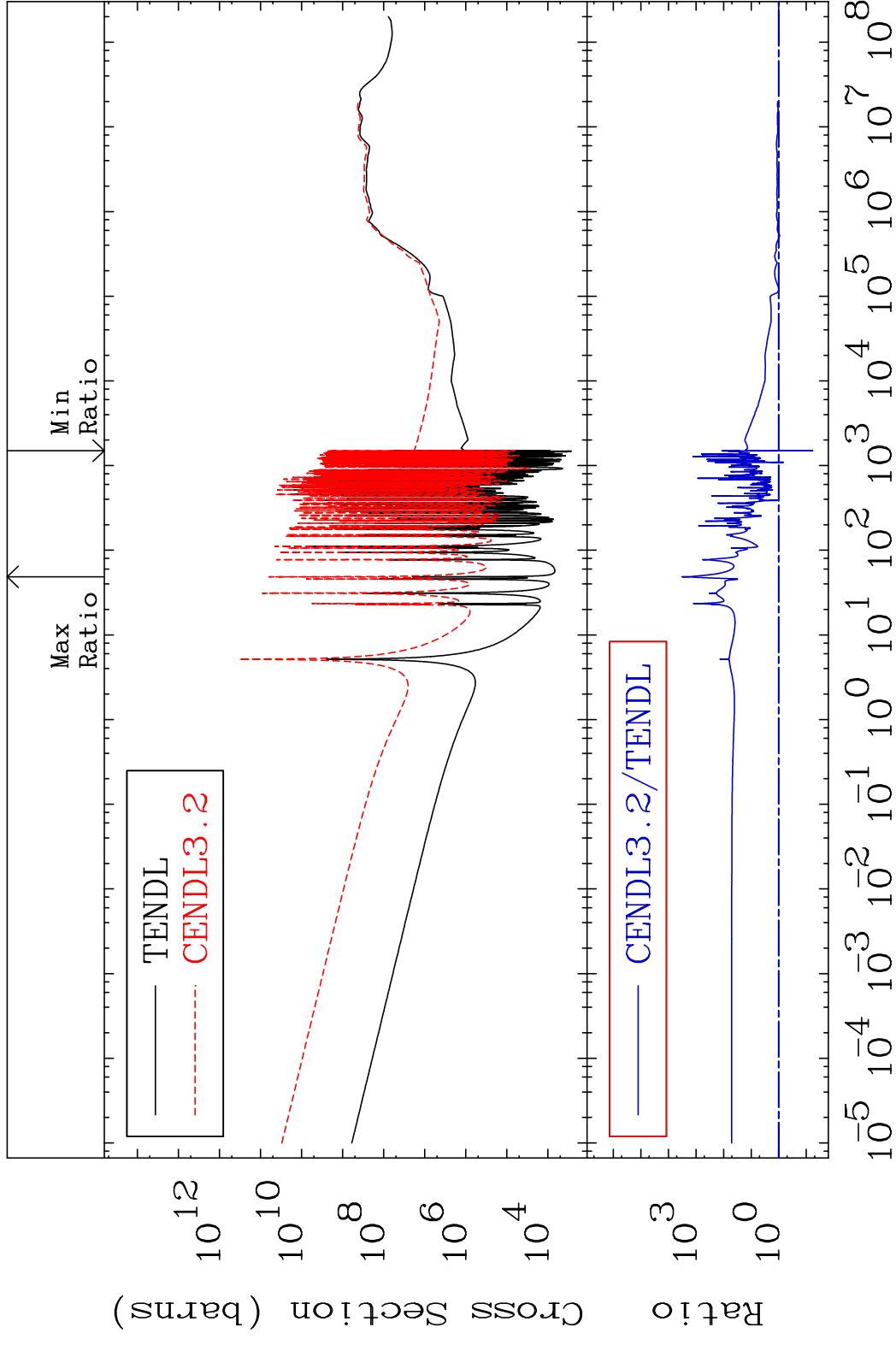


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Incident Energy (eV)

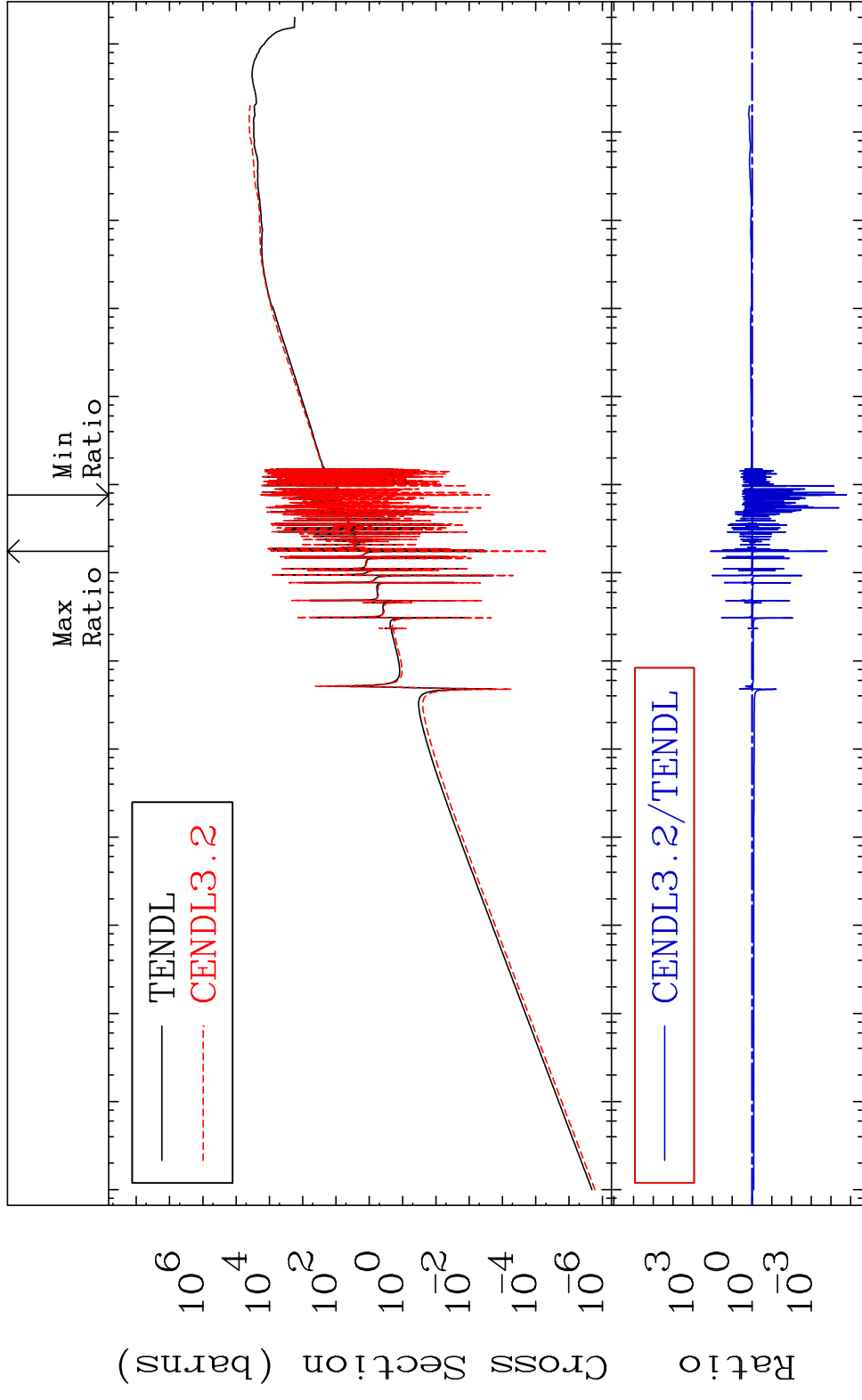
92-U -234

MAT 9225 Kerma total (eV-barns) 92-U -234
 Cross Section -94.07 To 9999. %

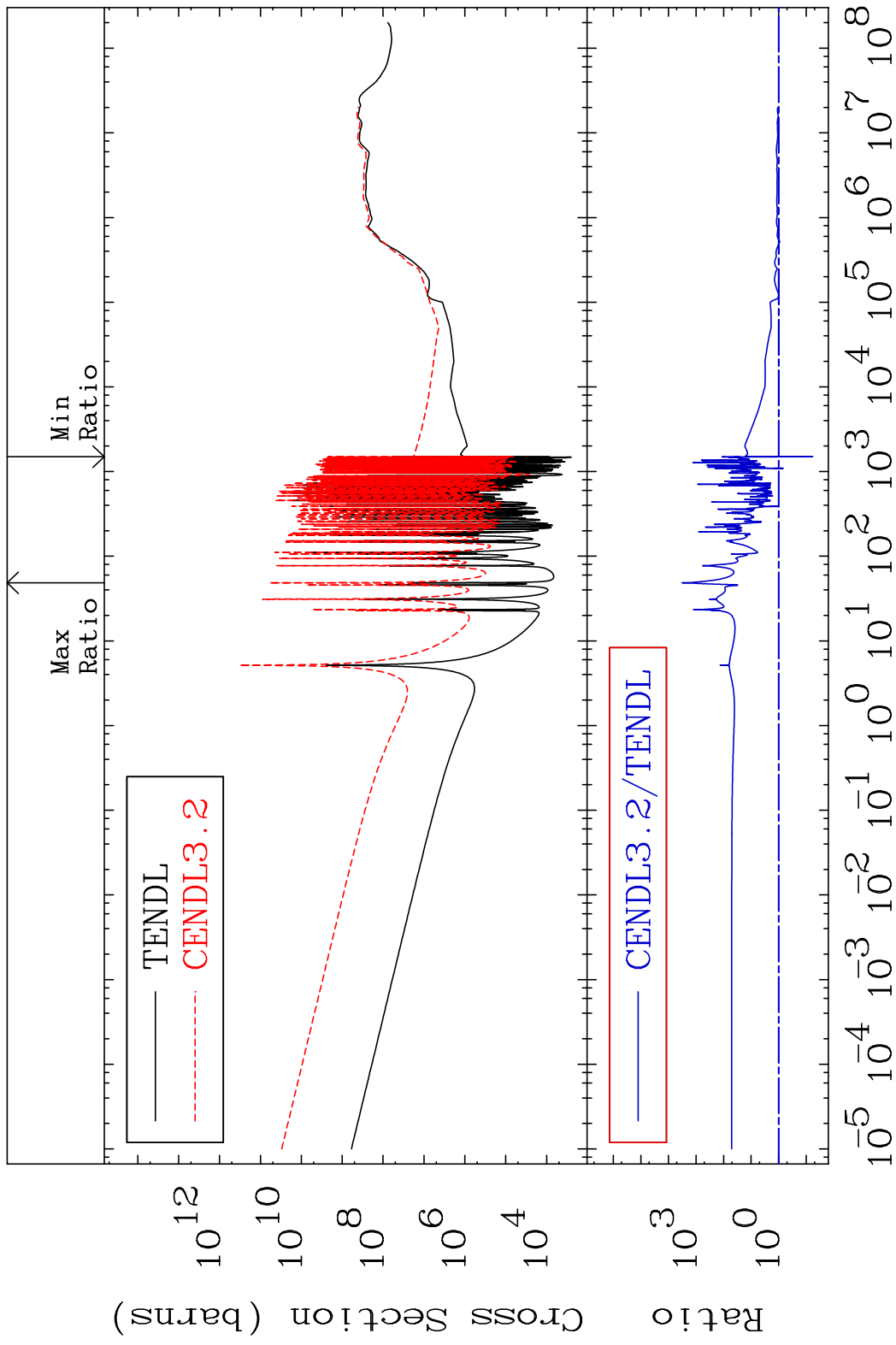


MAT 9225

Kerma elastic
Cross Section -100.0 To 9999. %
92-U -234

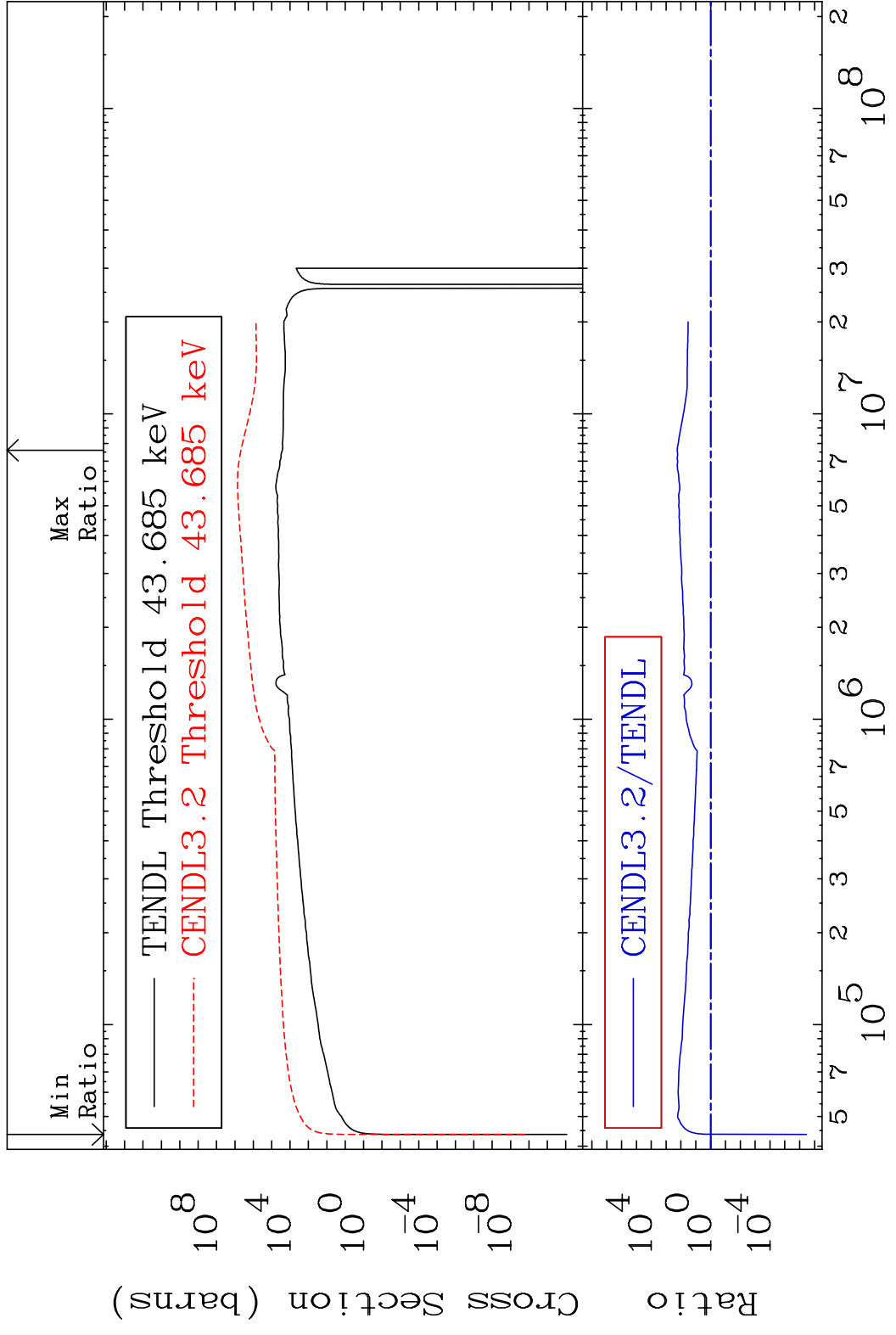


MAT 9225 Kerma non-elastic (all but mt2) 92-U -234
 Cross Section -94.08 To 9999. %

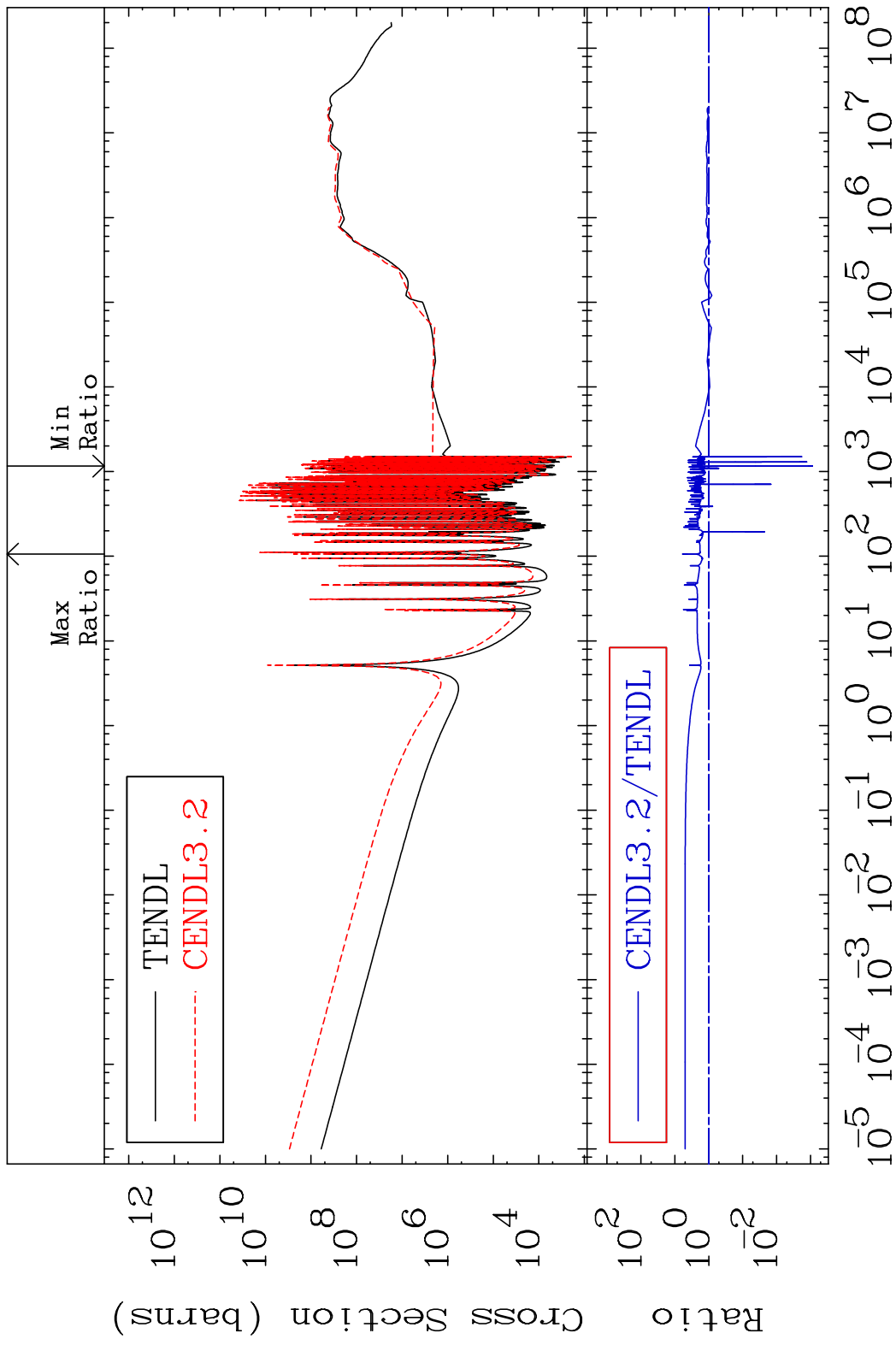


39 Incident Energy (eV) 92-U -234

MAT 9225 Kerma inelastic (mt51-91) 92-U -234
 Cross Section -100.0 To 9999. %

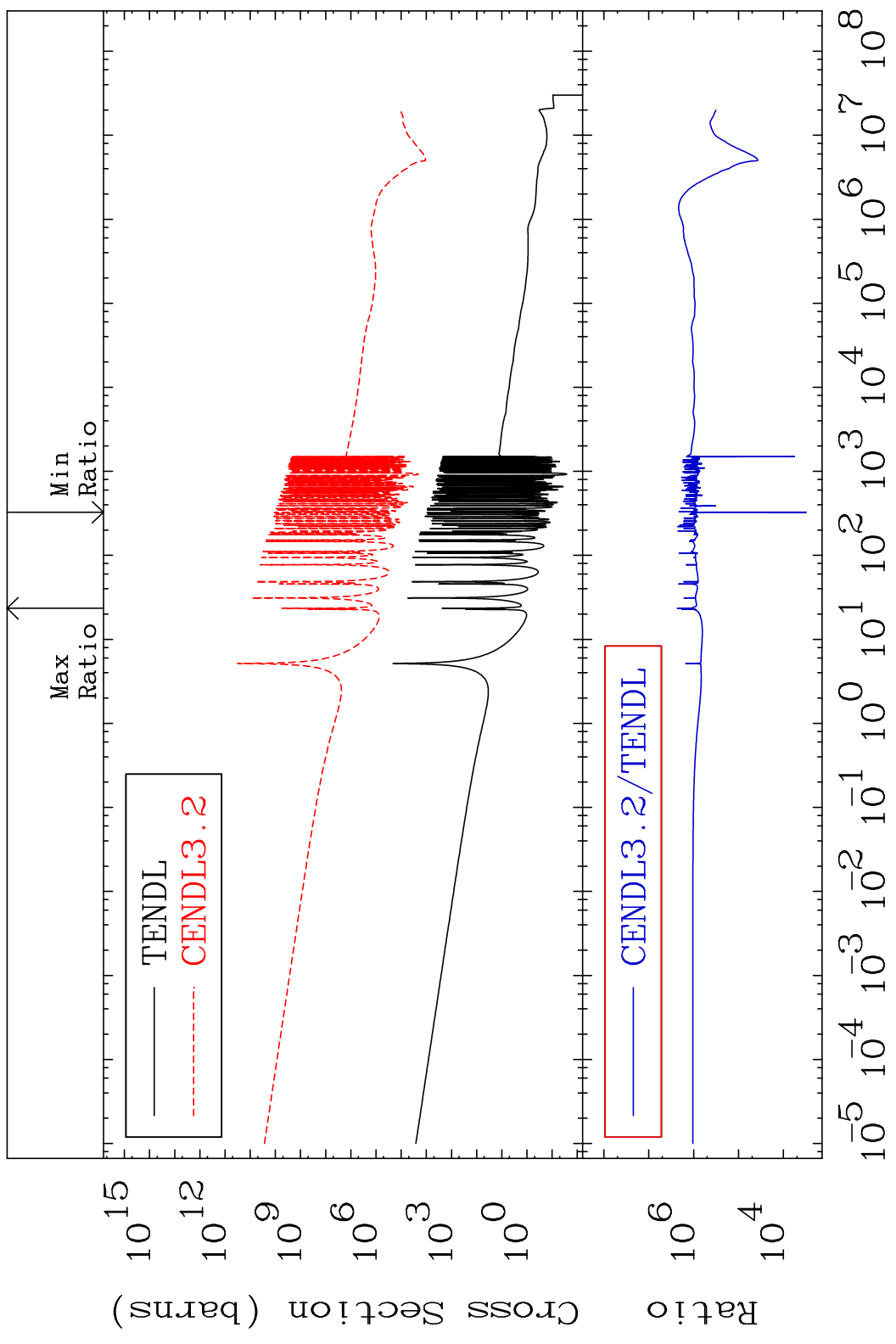


MAT 9225 Kerma fission (mt18 or mt19-20-21-38)2-U -234
 Cross Section -99.91 To 499.5 %



MAT 9225

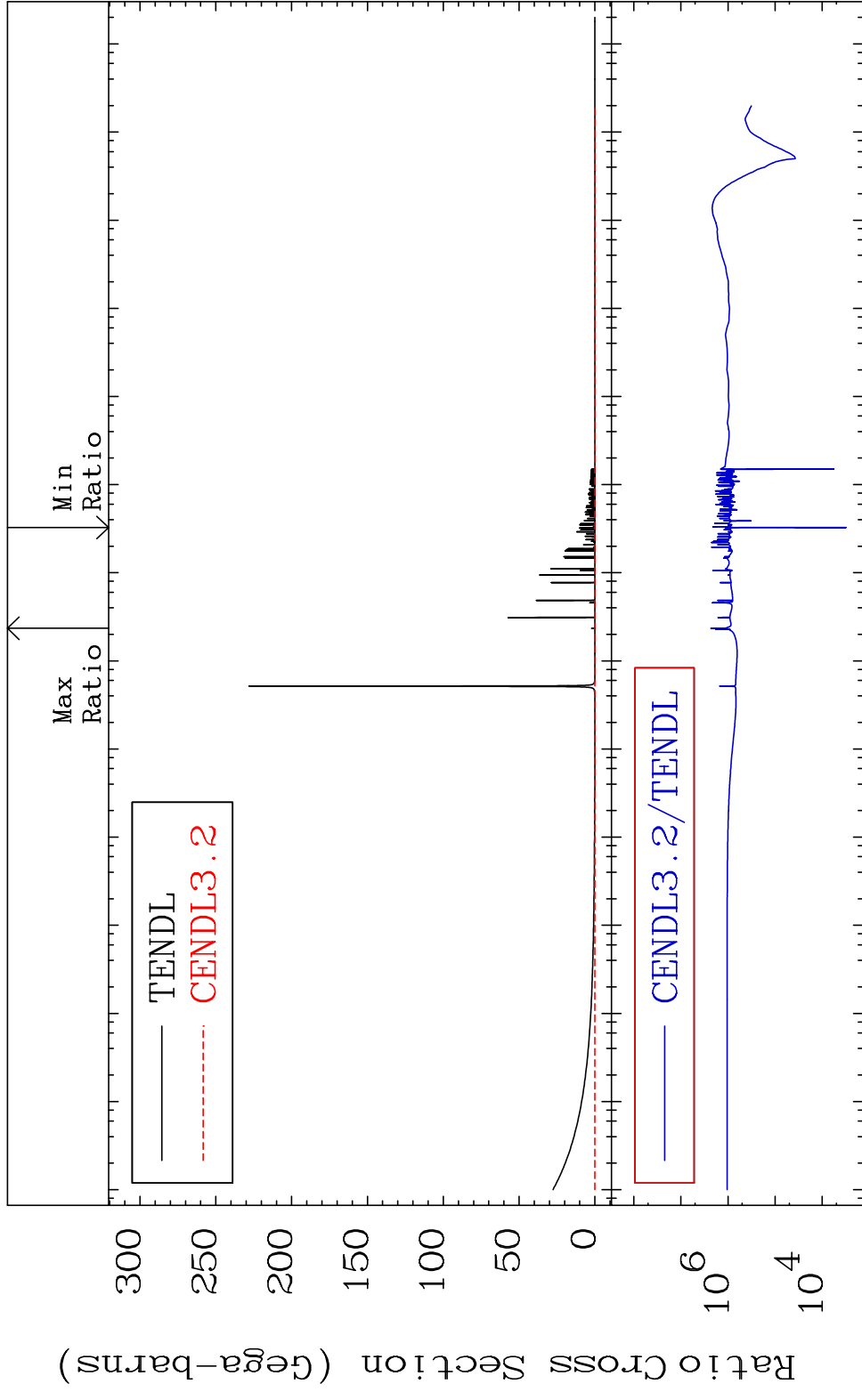
Kerma capture (mt102) 92-U -234
Cross Section 9999. To 9999. %



42

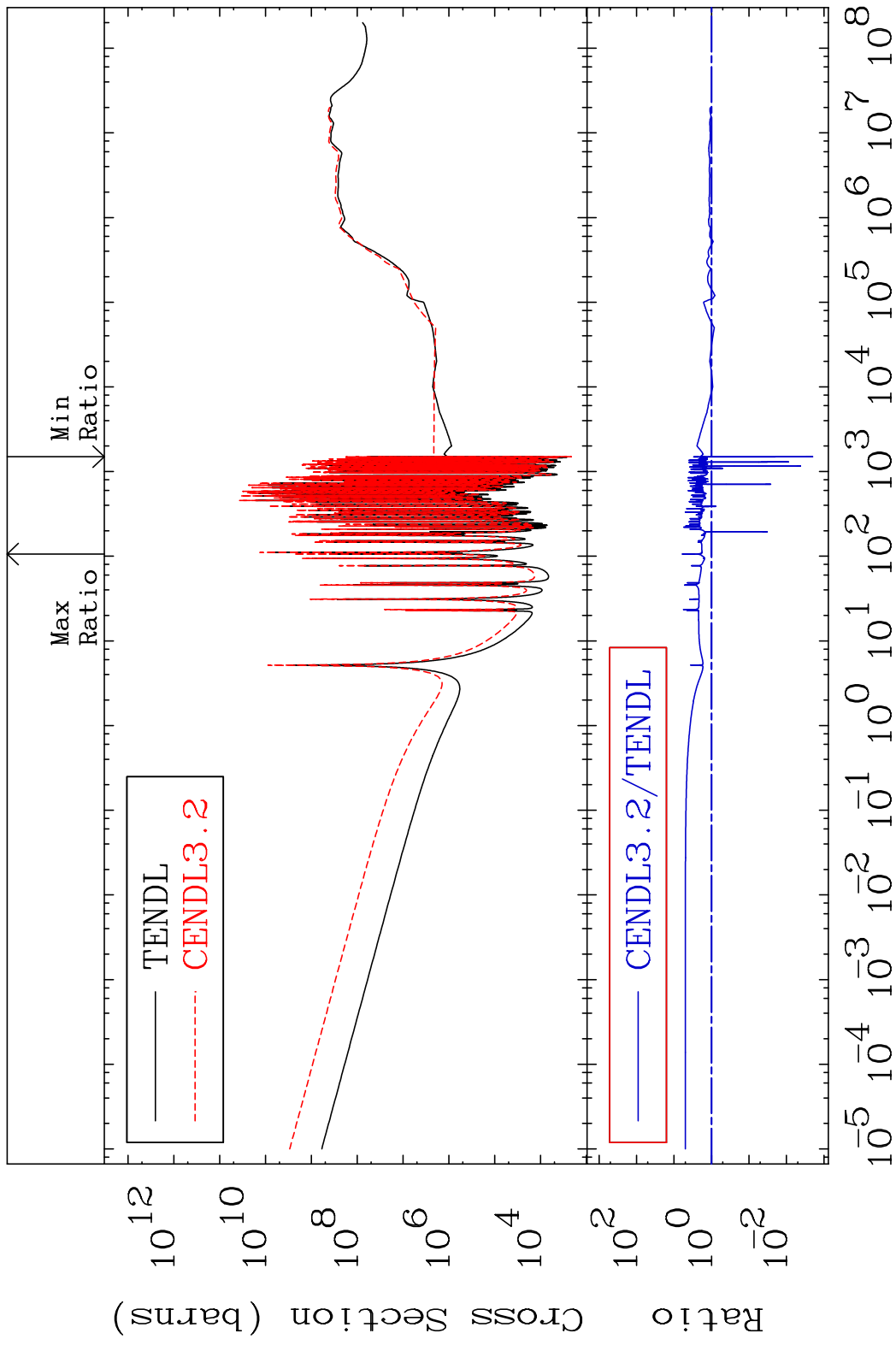
Incident Energy (eV) 92-U -234

MAT 9225 Total photon (eV-barns) 92-U -234
 Cross Section 9999. To 9999. %



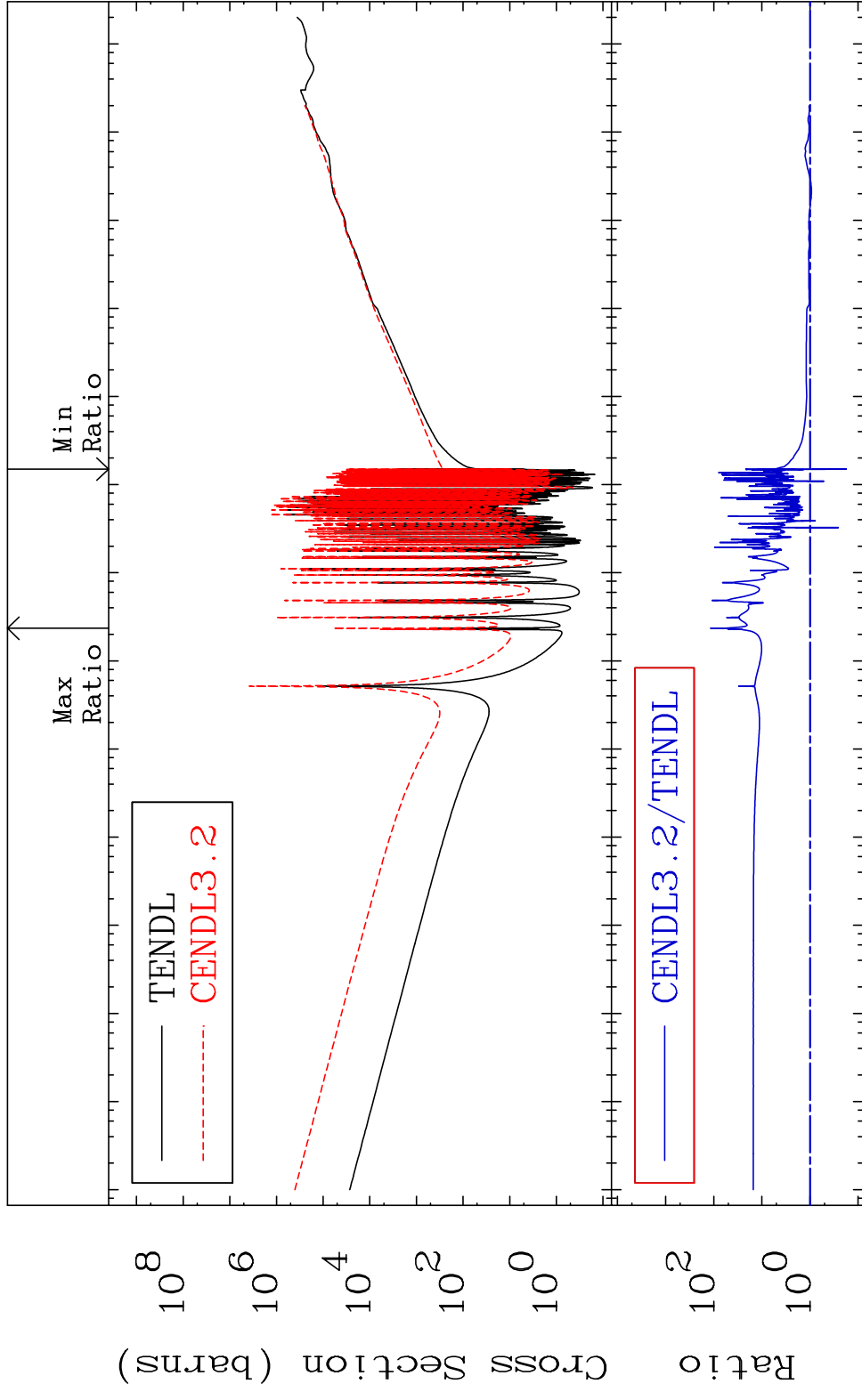
43 Incident Energy (eV) 92-U -234

MAT 9225 Total kinematic kerma (high limit) 92-U -234
 Cross Section -99.80 To 499.5 %



44 Incident Energy (eV) 92-U -234

MAT 9225 Dpa total (eV-barns) 92-U -234
 Cross Section -82.43 To 9999. %



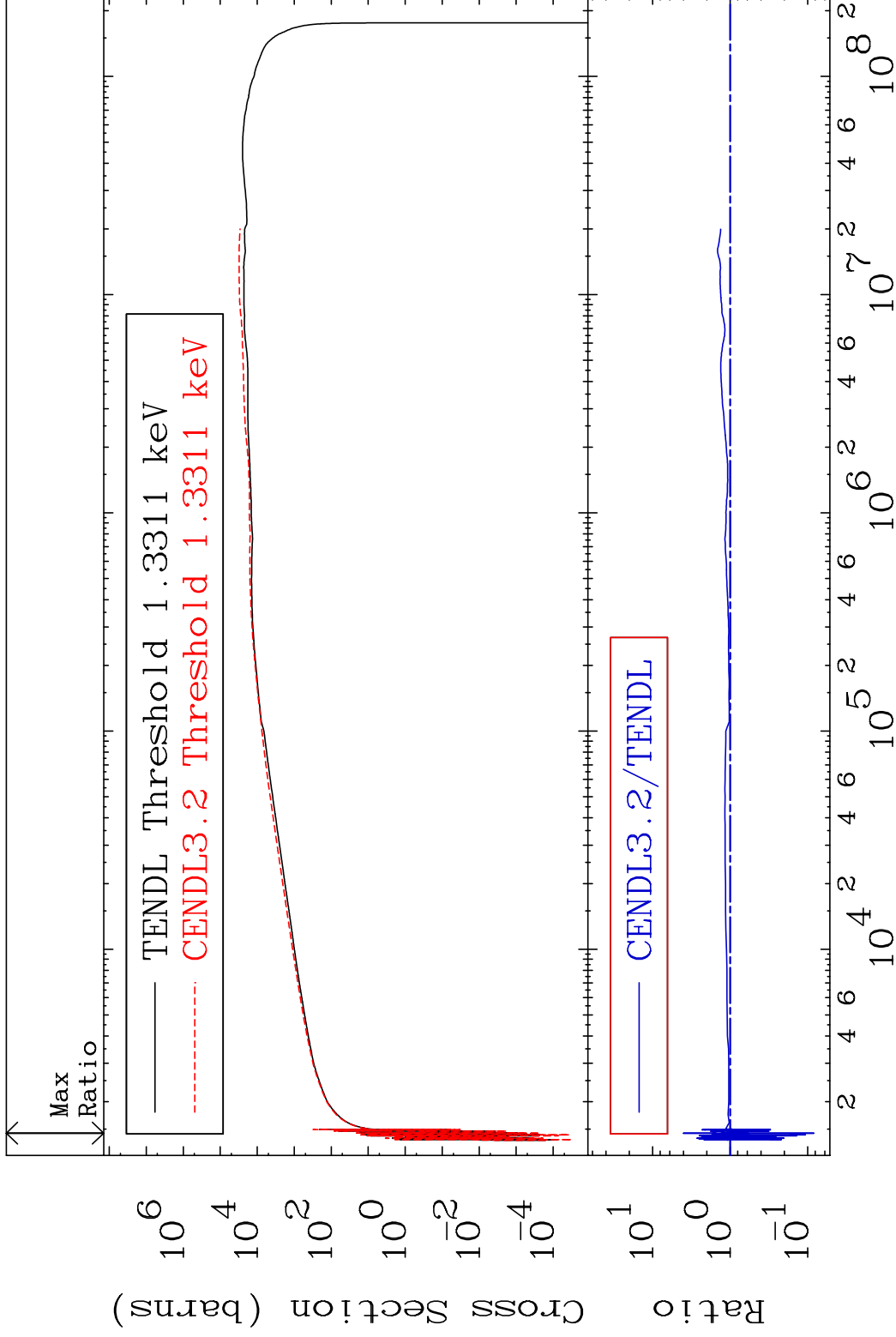
45 Incident Energy (eV) 92-U -234

MAT 9225

Dpa elastic (mt2)

92-U -234

Cross Section -91.74 To 300.4 %

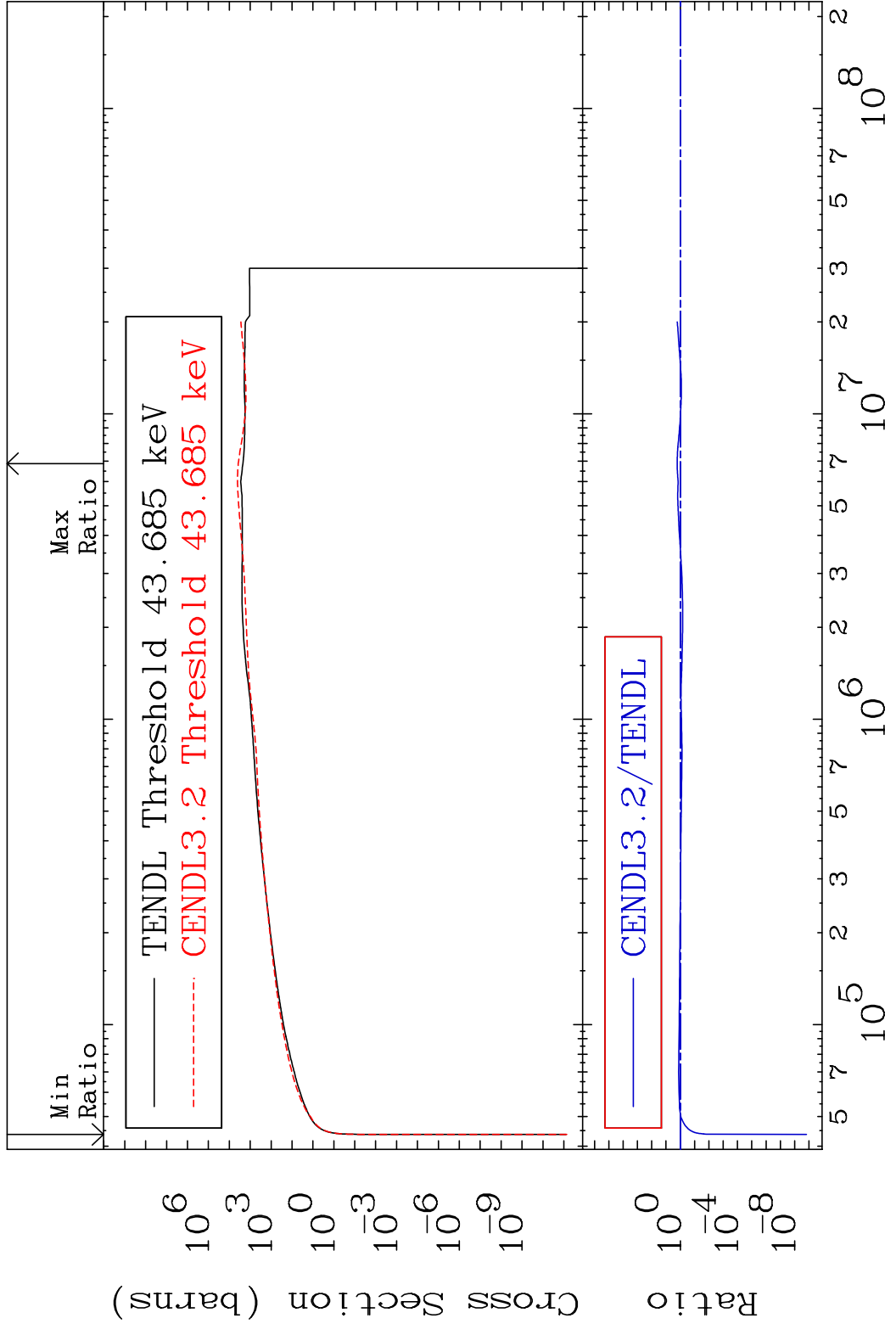


46

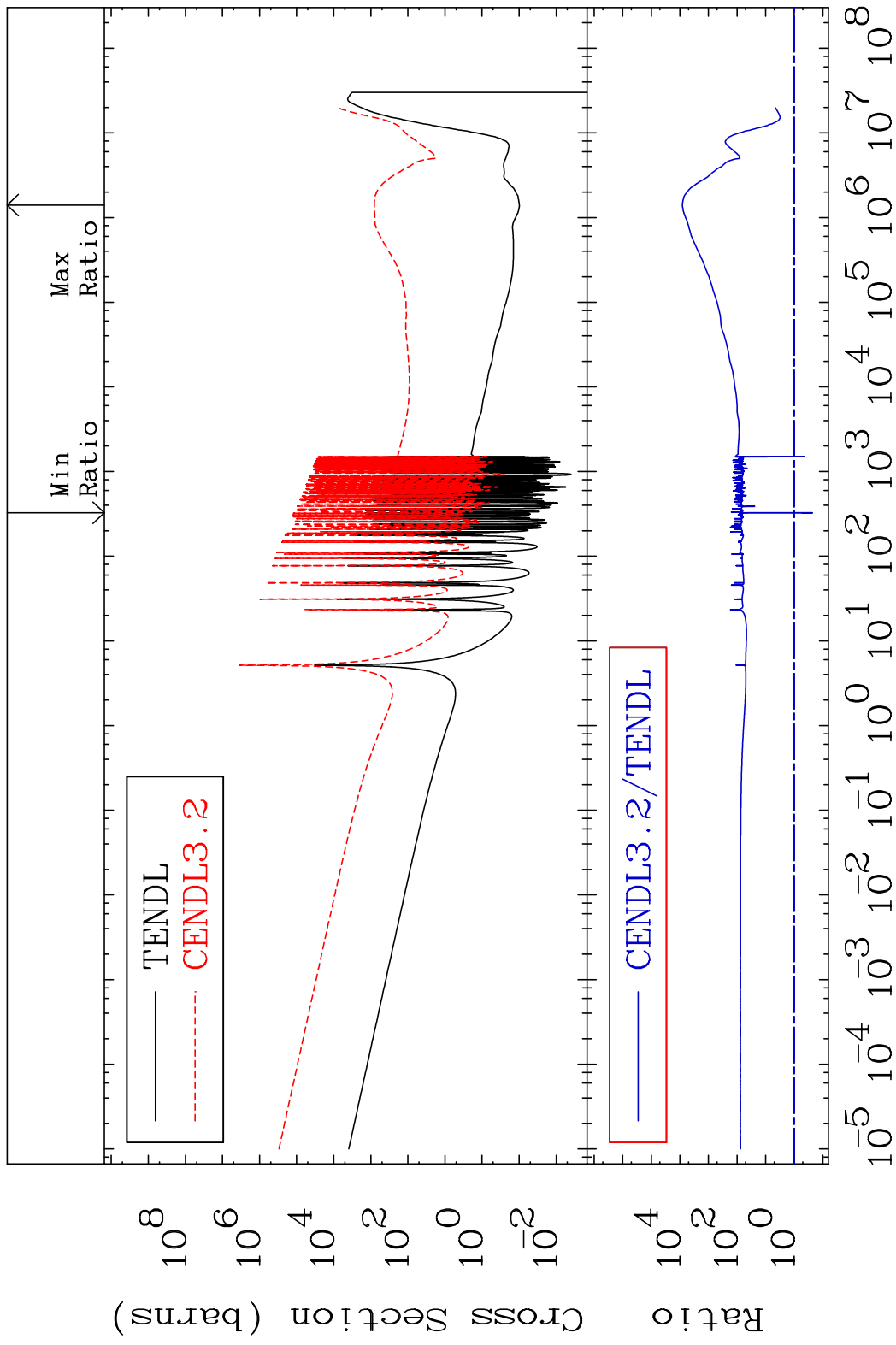
Incident Energy (eV)

92-U -234

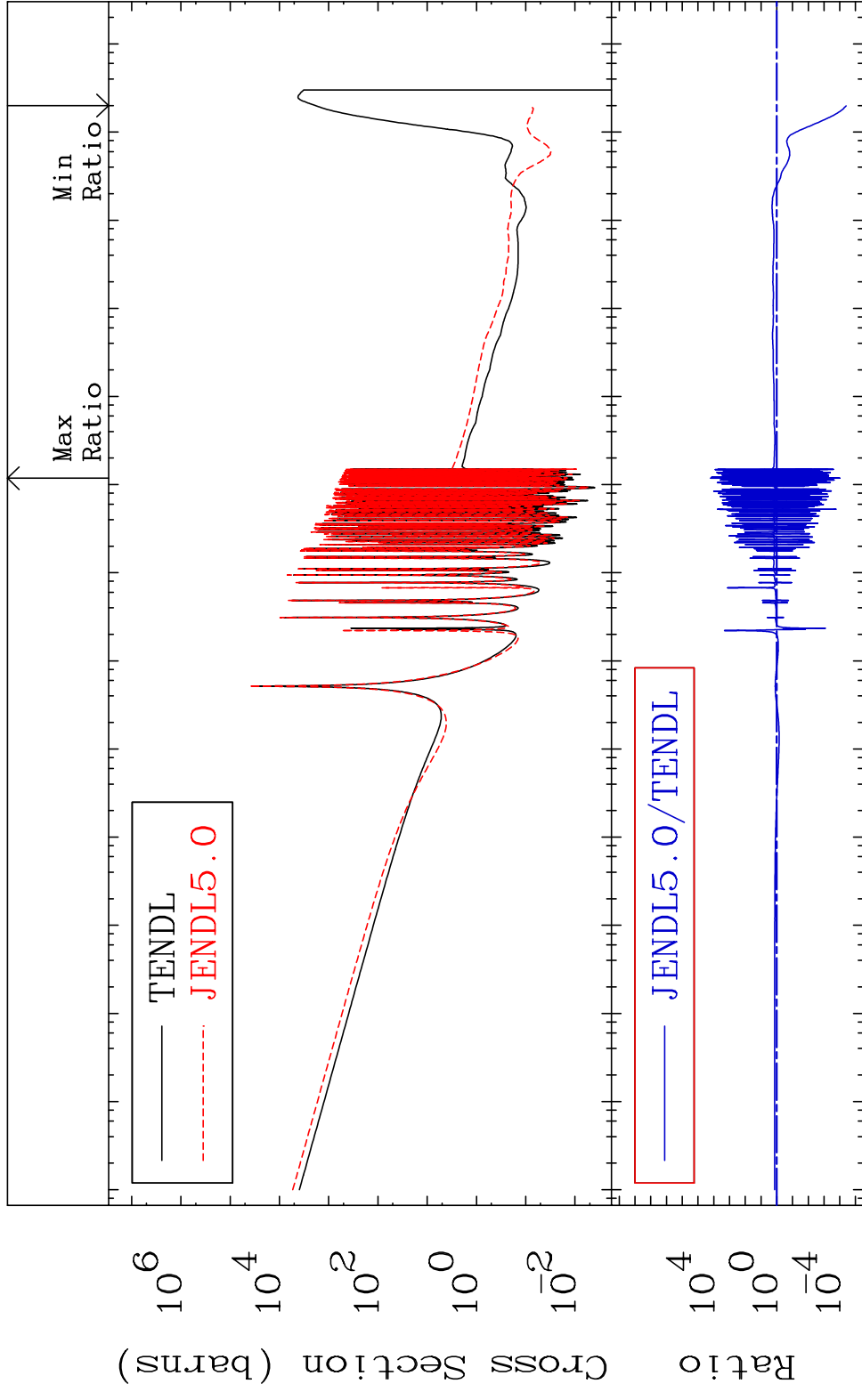
MAT 9225 Dpa inelastic (mt51-91) 92-U -234
 Cross Section -100.0 To 65.41 %



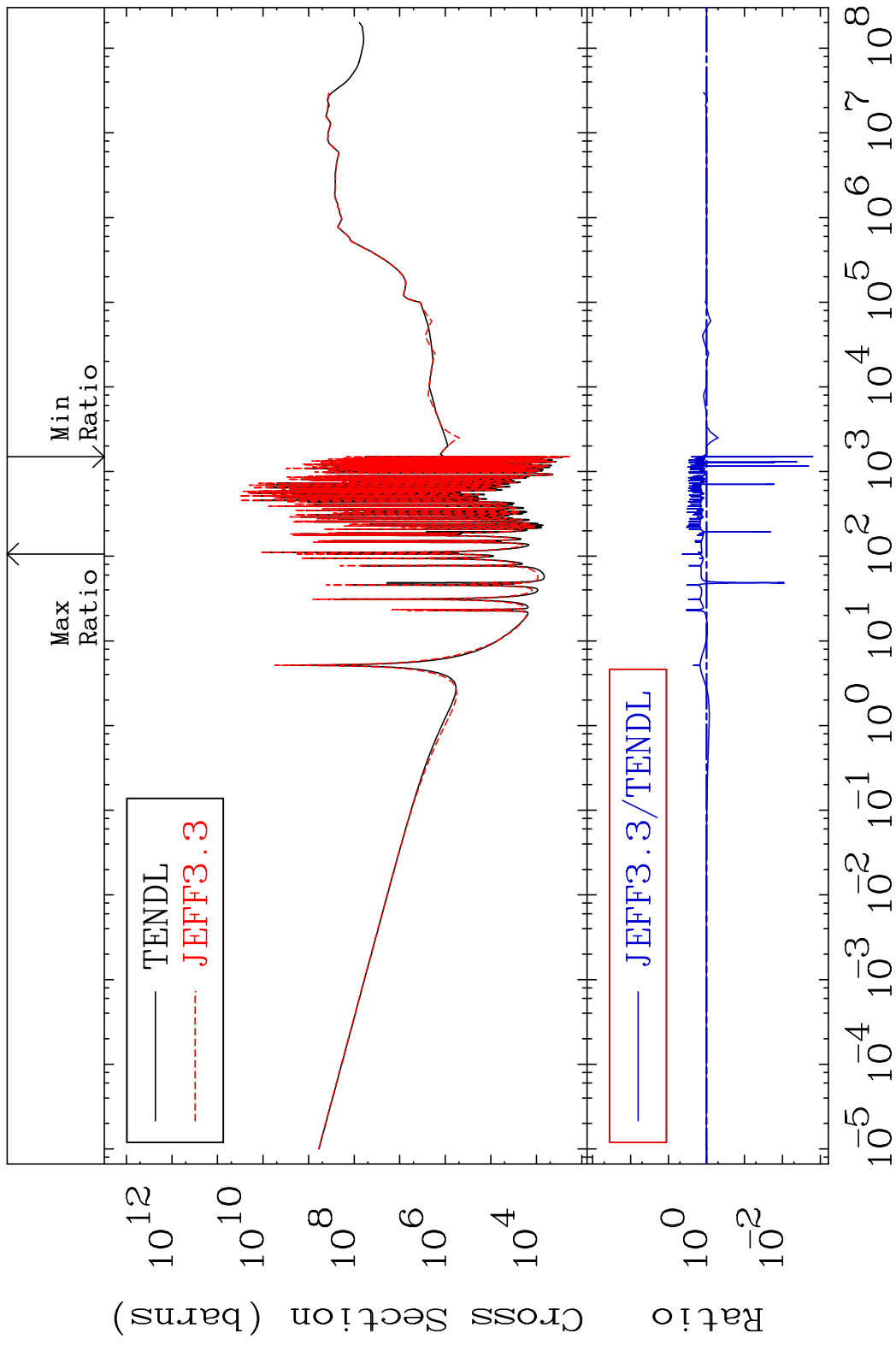
MAT 9225 Dpa disappearance (mt102 -120) 92-U -234
 Cross Section -77.16 To 9999. %



MAT 9225 Dpa disappearance (mt102 -120) 92-U -234
 Cross Section -100.0 To 9999. %

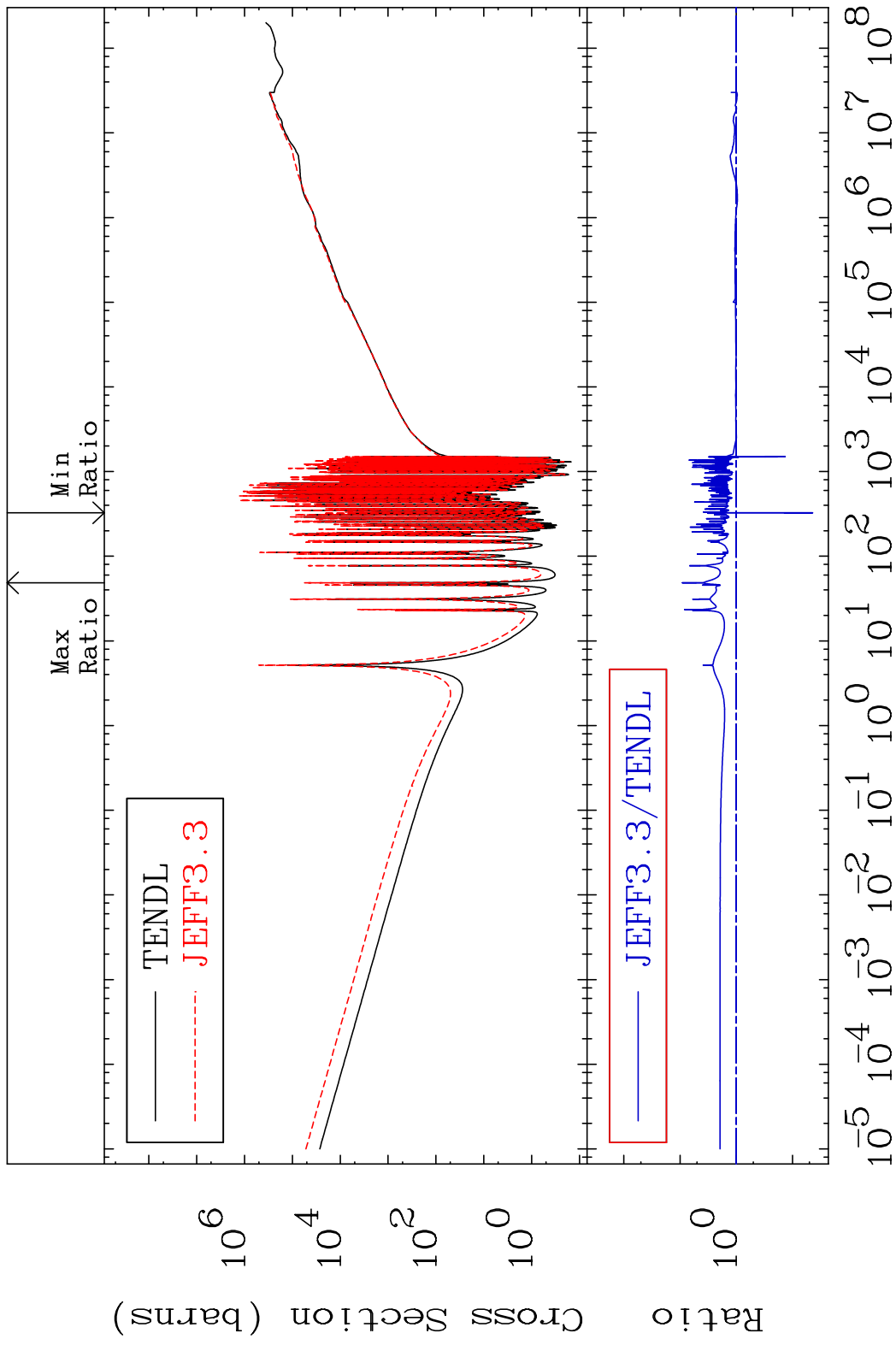


MAT 9225 Total kinematic kerma (high limit) 92-U -234
 Cross Section -99.84 To 333.0 %



50 Incident Energy (eV) 92-U -234

MAT 9225 Dpa total (eV-barns) 92-U -234
 Cross Section -95.60 To 810.6 %

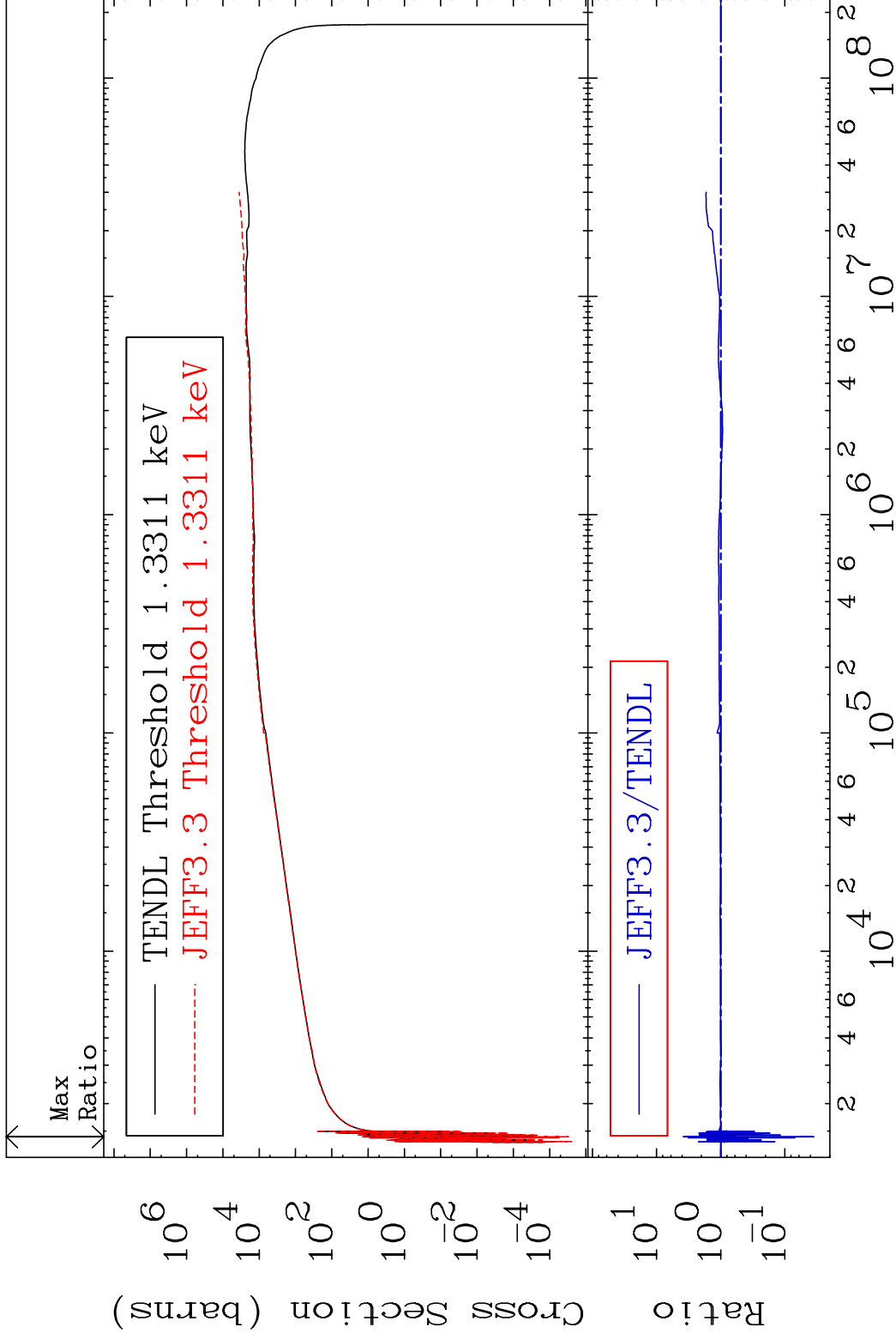


MAT 9225

Dpa elastic (mt2)

92-U -234

Cross Section -96.50 To 280.9 %

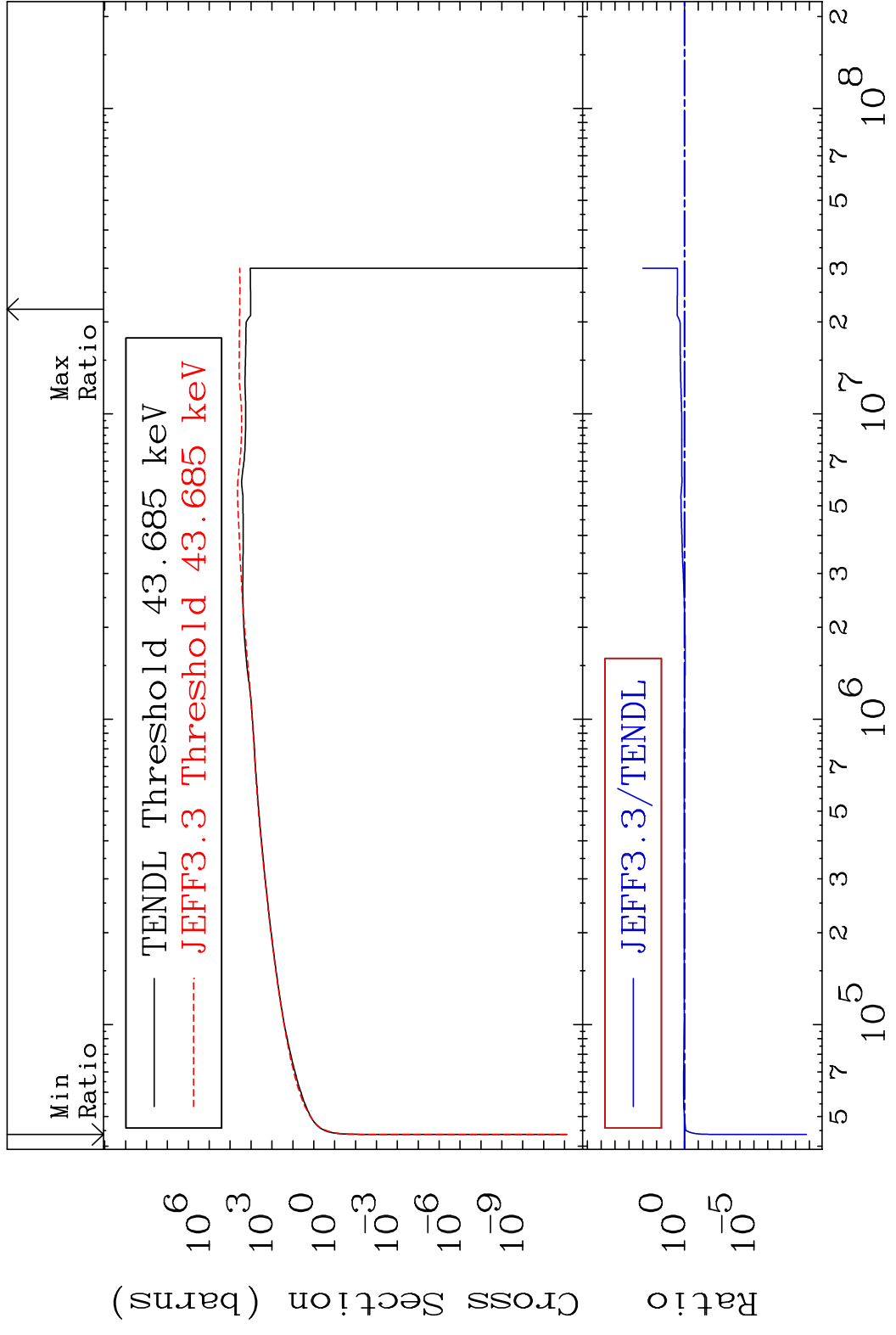


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Incident Energy (eV)

92-U -234

MAT 9225 Dpa inelastic (mt51-91) 92-U -234
 Cross Section -100.0 To 234.8 %



MAT 9225 Dpa disappearance (mt102 -120) 92-U -234
 Cross Section -99.97 To 1079. %

