

Program Complot
(Version 2021-1)

by

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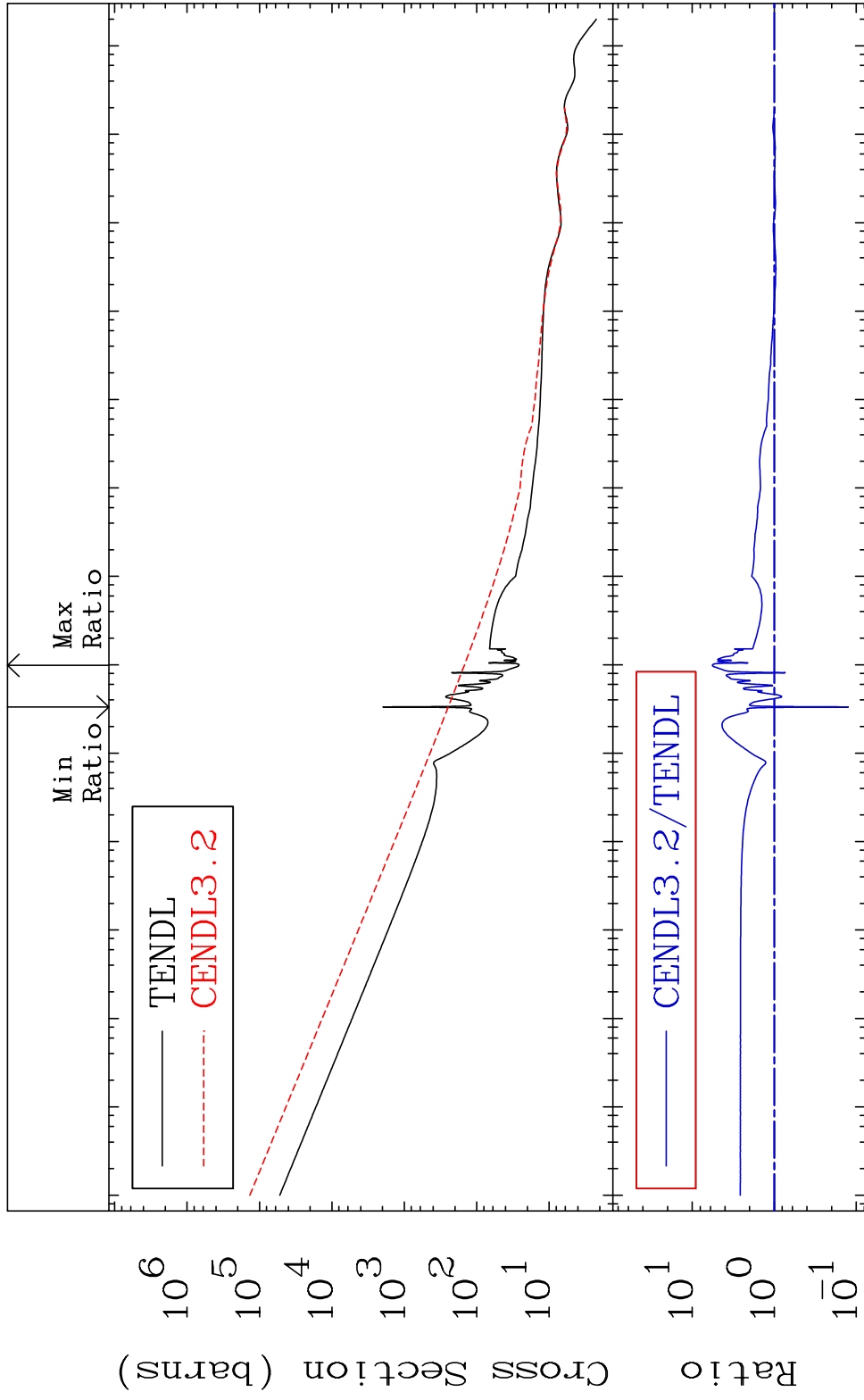
Press Mouse Button to Start

MAT 9431

94-Pu-237

Total

Cross Section -87.49 To 468.9 %



94-Pu-237

Incident Energy (eV)

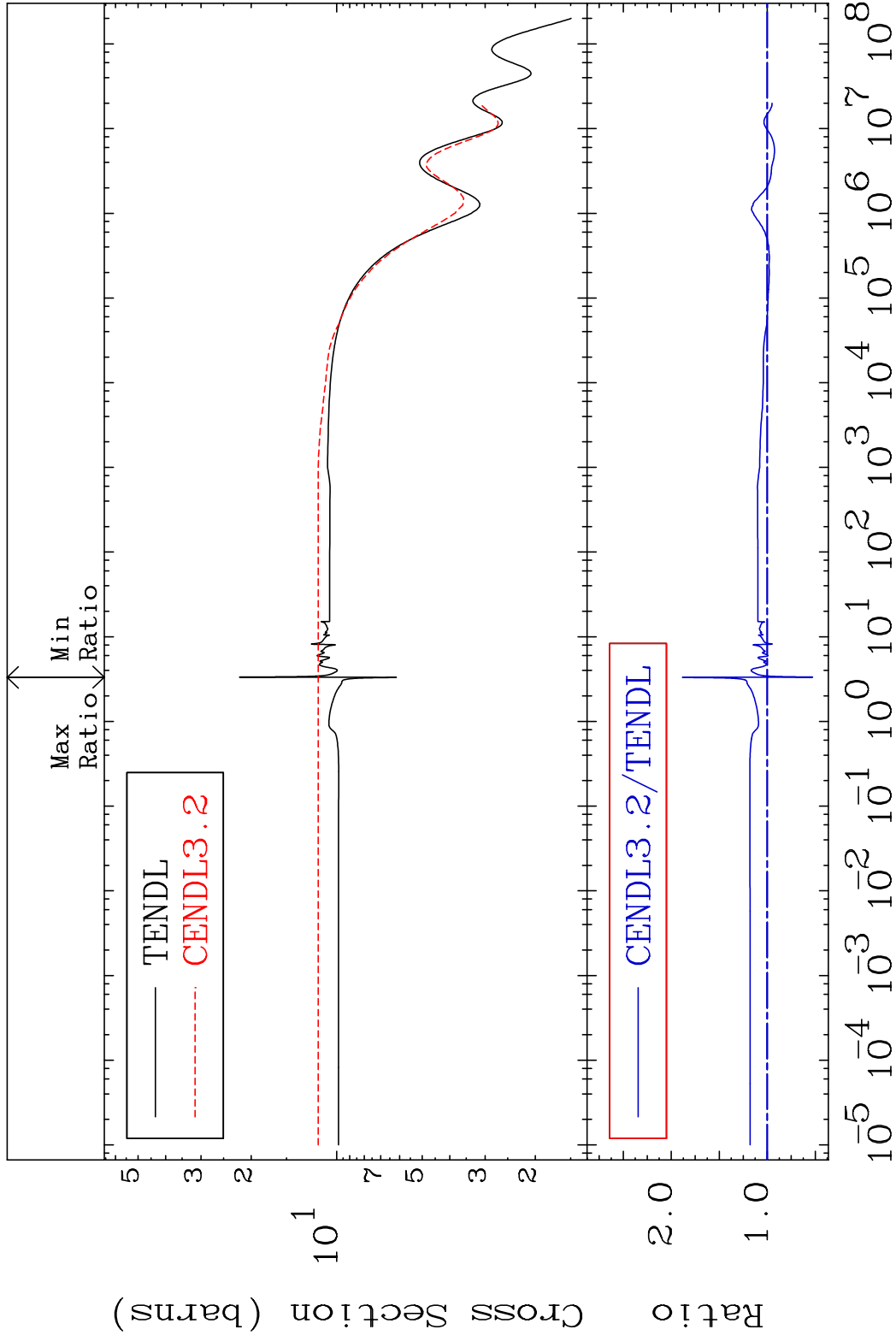
1

MAT 9431

94-Pu-237

Elastic

Cross Section -47.21 To 88.42 %

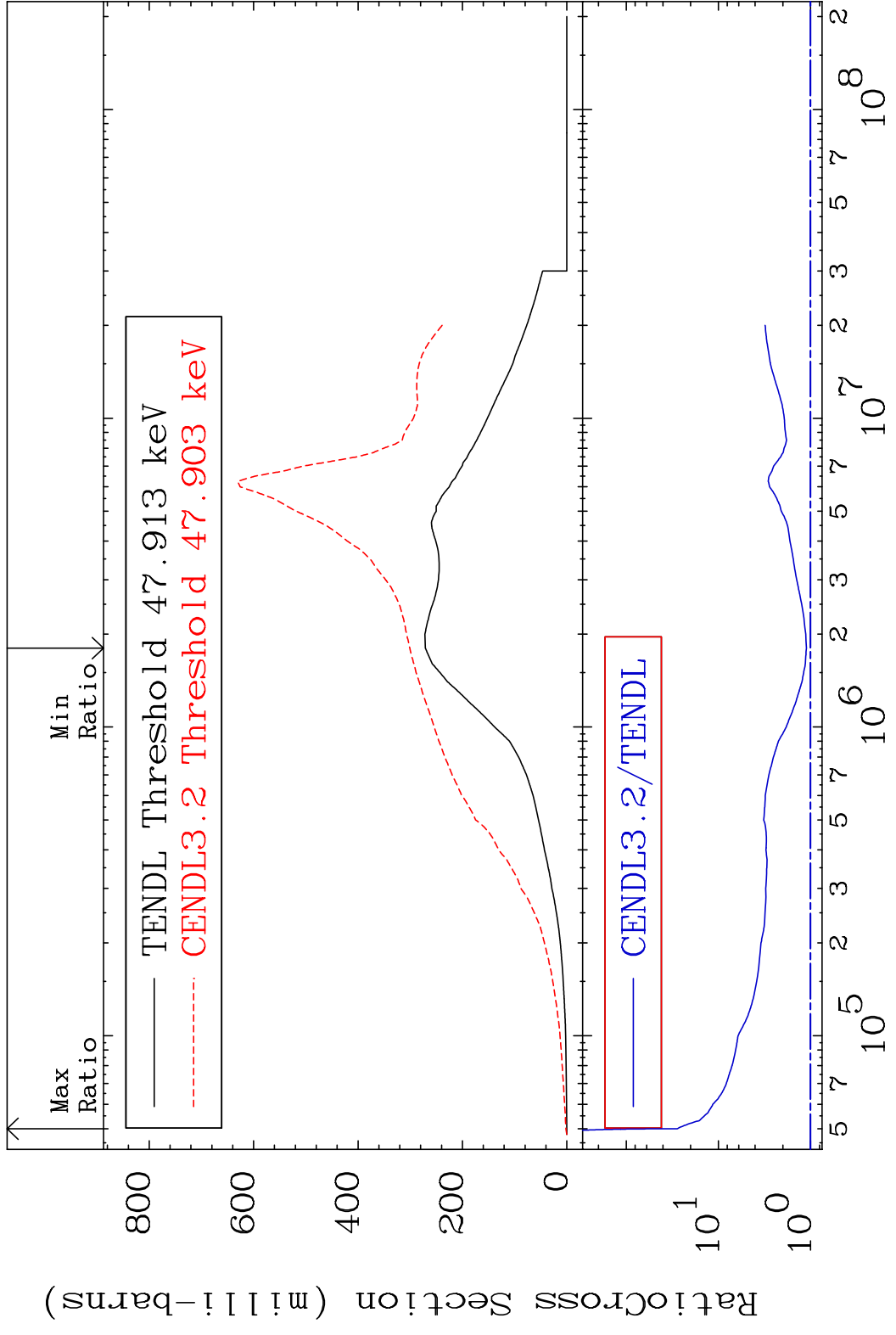


2

Incident Energy (eV)

94-Pu-237

MAT 9431 Inelastic 94-Pu-237
 Cross Section 10.93 To 2703. %

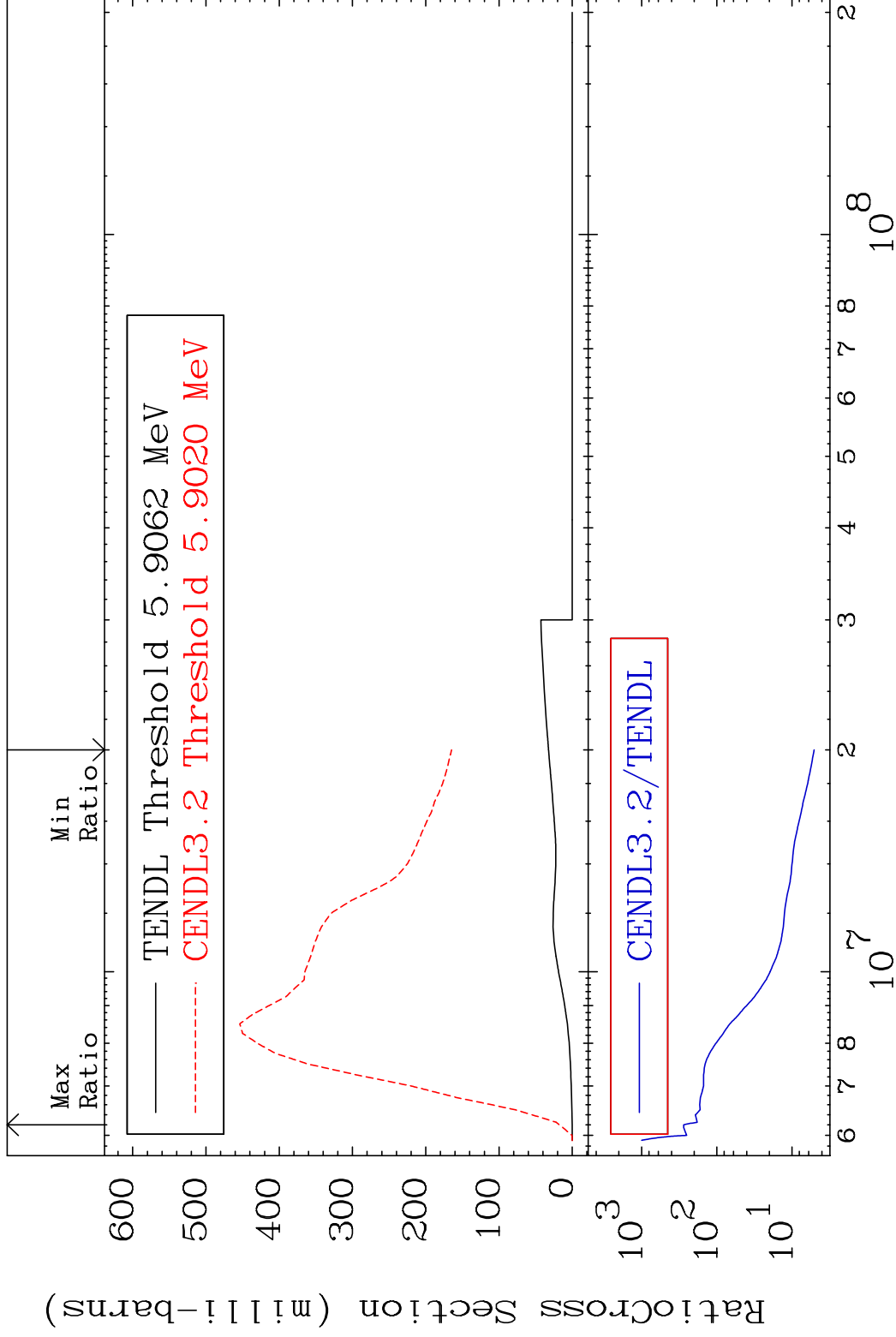


MAT 9431

(n,2n)

94-Pu-237

Cross Section 408.6 To 9999. %



4

Incident Energy (eV)

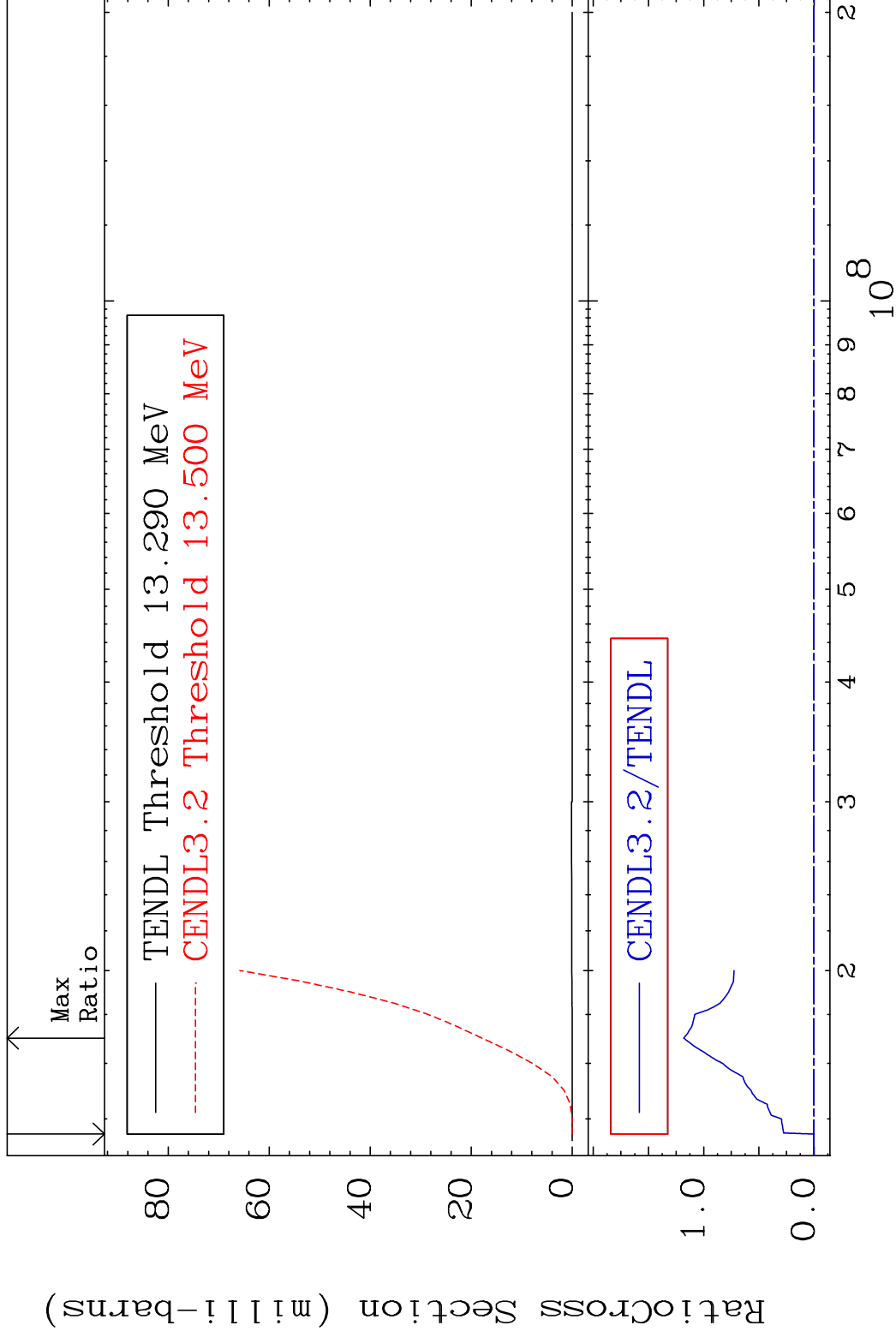
94-Pu-237

MAT 9431

(n,3n)

94-Pu-237

Cross Section -100.0 To 9999. %



5

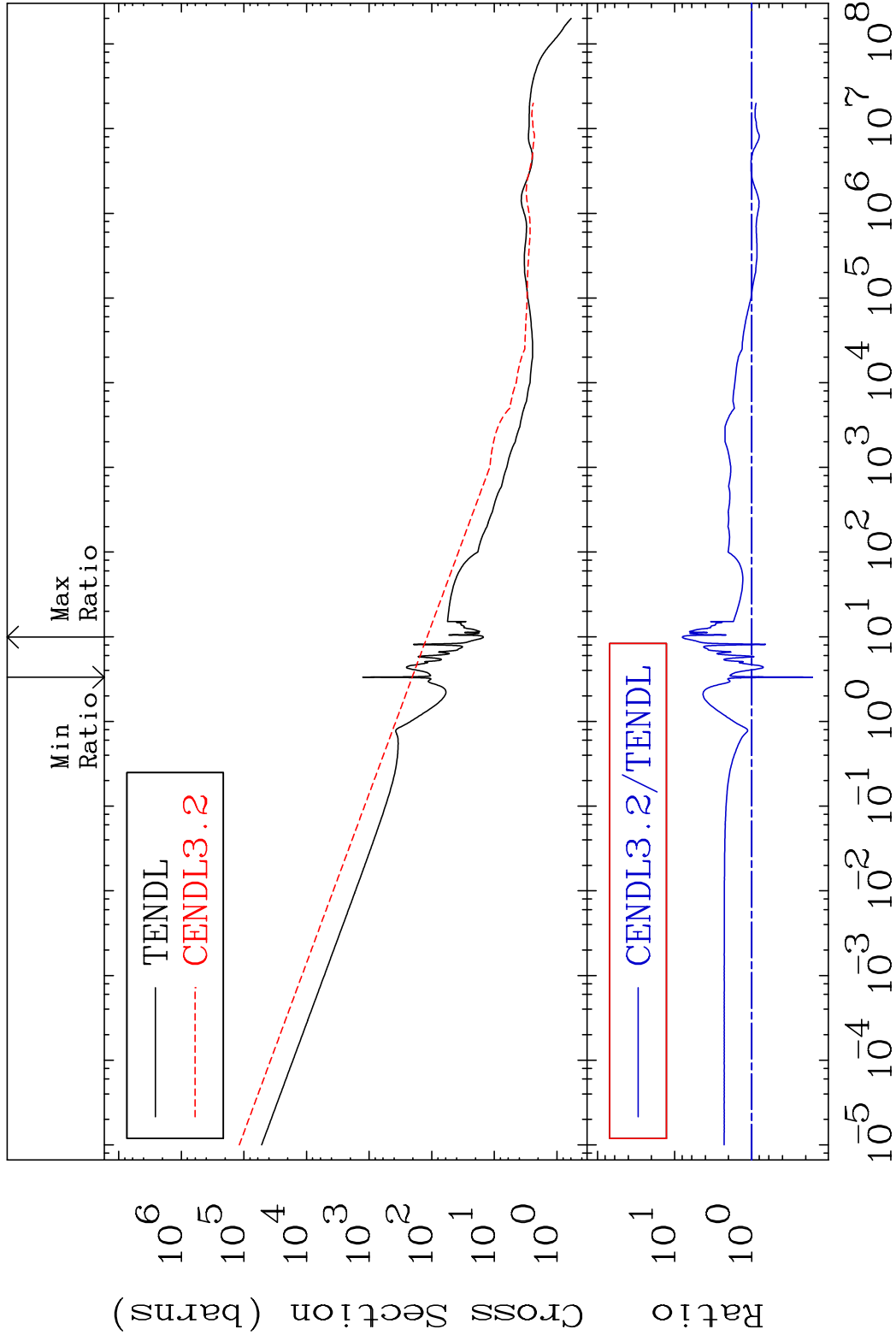
Incident Energy (eV)

94-Pu-237

MAT 9431

Fission Cross Section -83.72 To 694.9 %

94-Pu-237

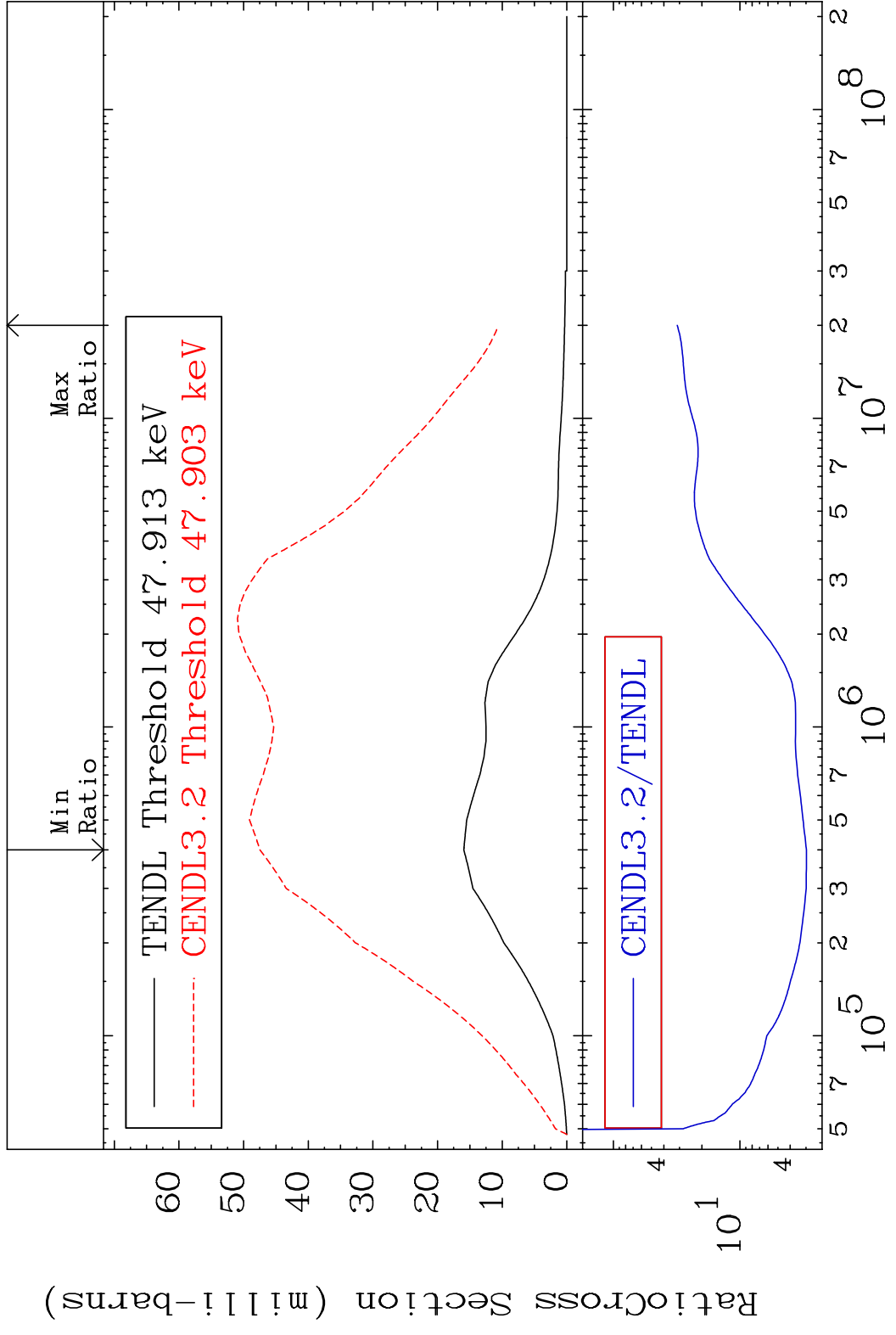


6

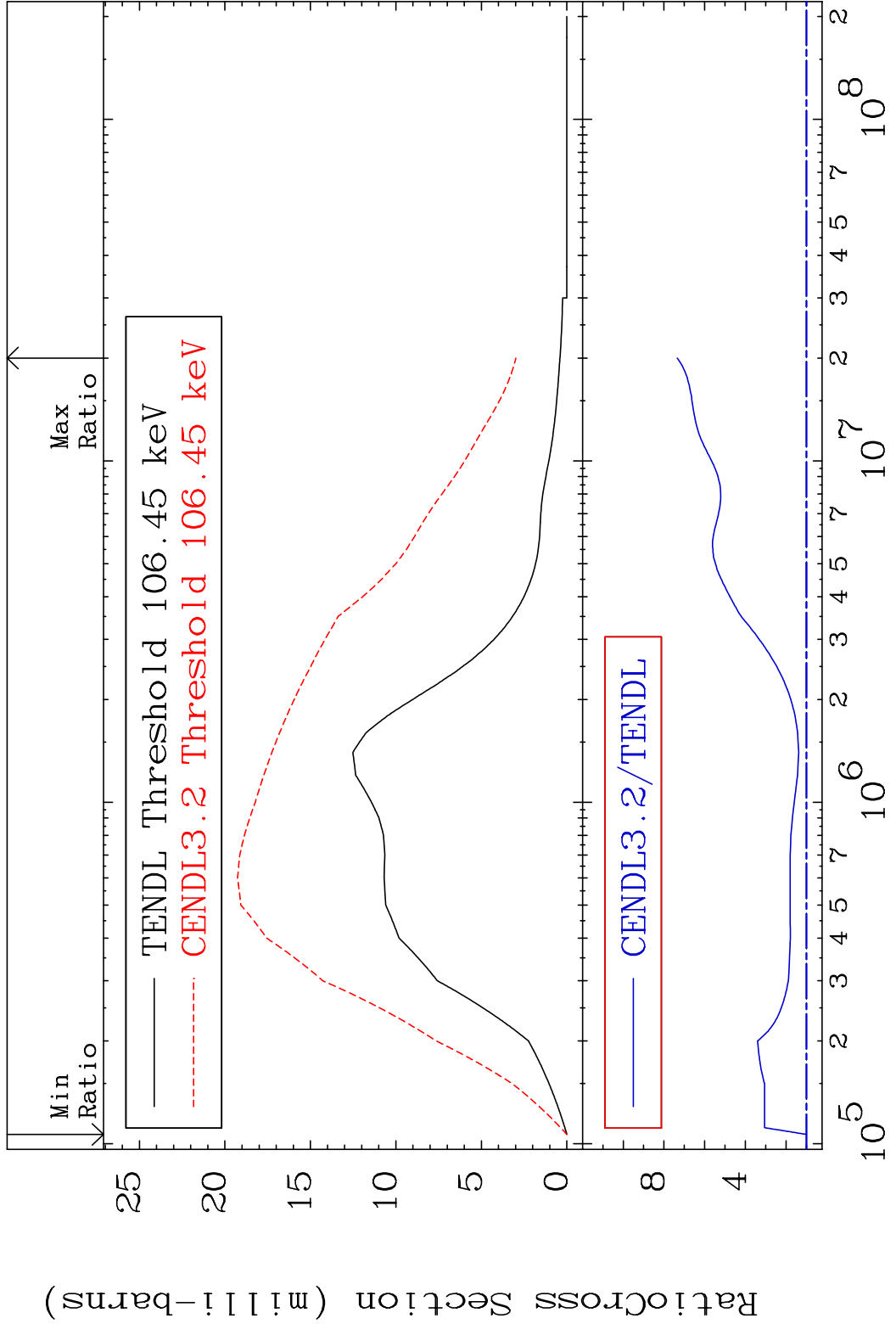
Incident Energy (eV)

94-Pu-237

MAT 9431 MT= 51 (n, n') Level 94-Pu-237
 Cross Section 198.0 To 3033. %

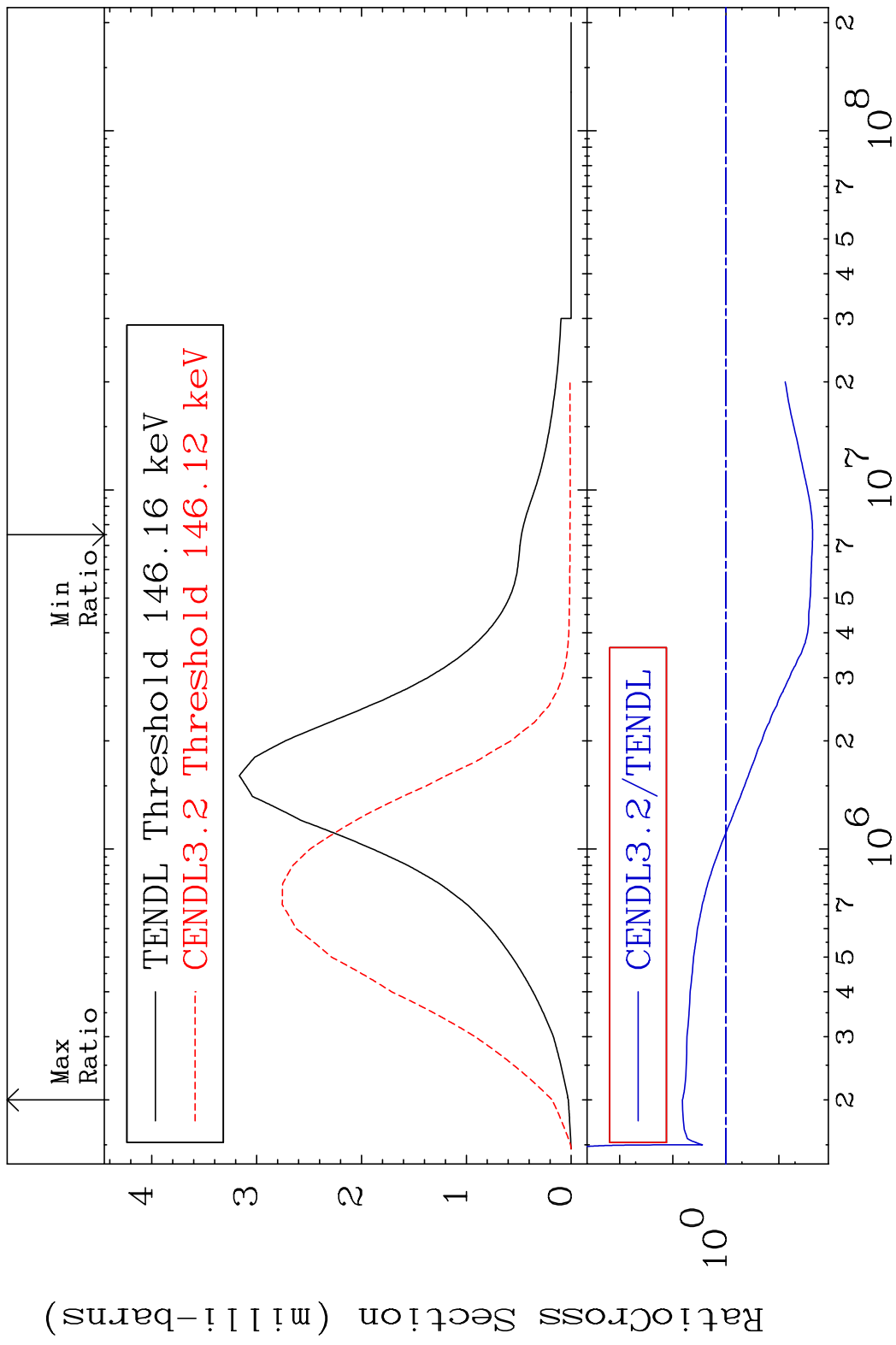


MAT 9431 MT= 52 (n, n') Level 94-Pu-237
 Cross Section 0.000 To 635.0 %

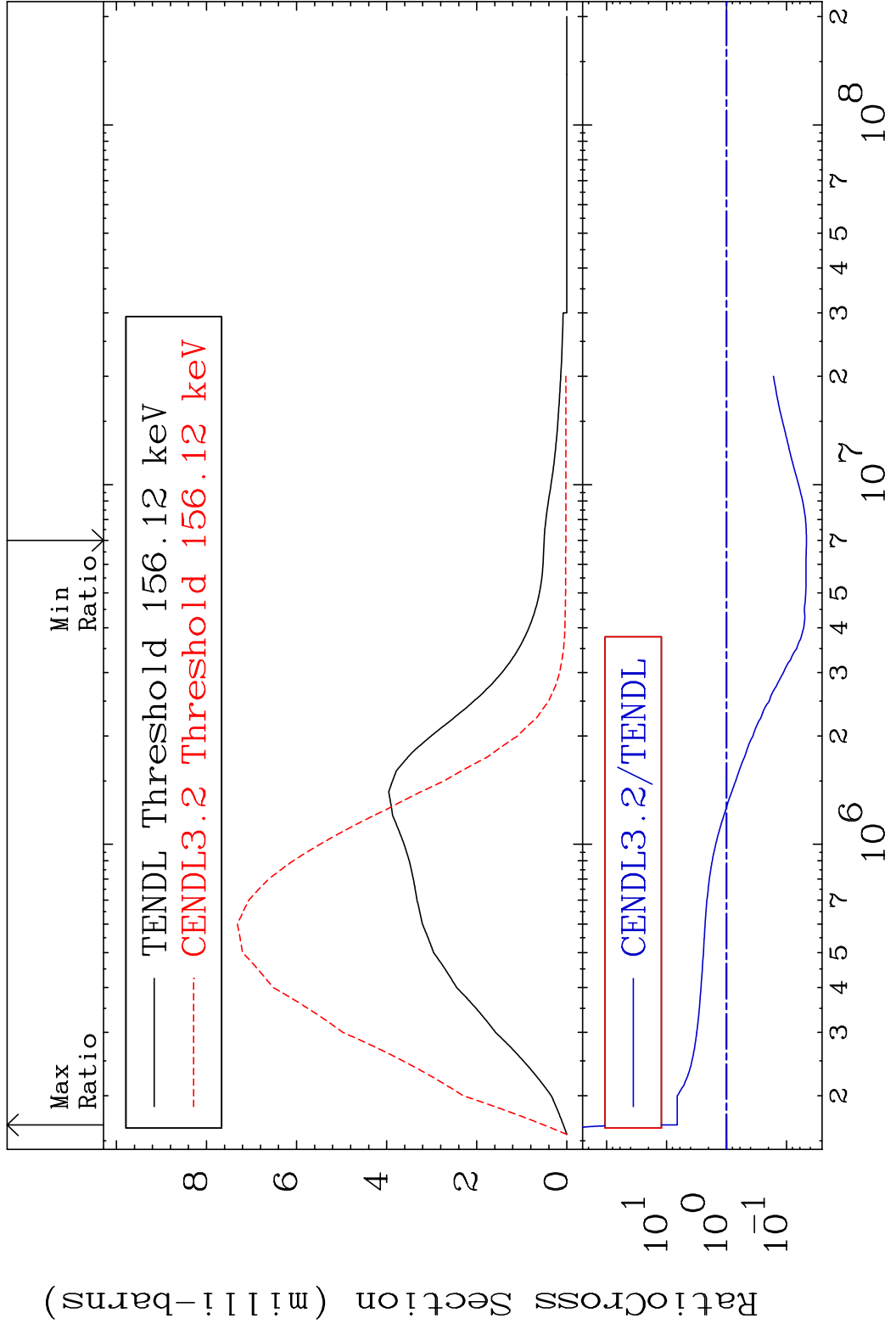


8 10⁵ 10⁶ 10⁷ 10⁸ 94-Pu-237

MAT 9431 MT= 53 (n, n') Level 94-Pu-237
 Cross Section -97.67 To 559.5 %

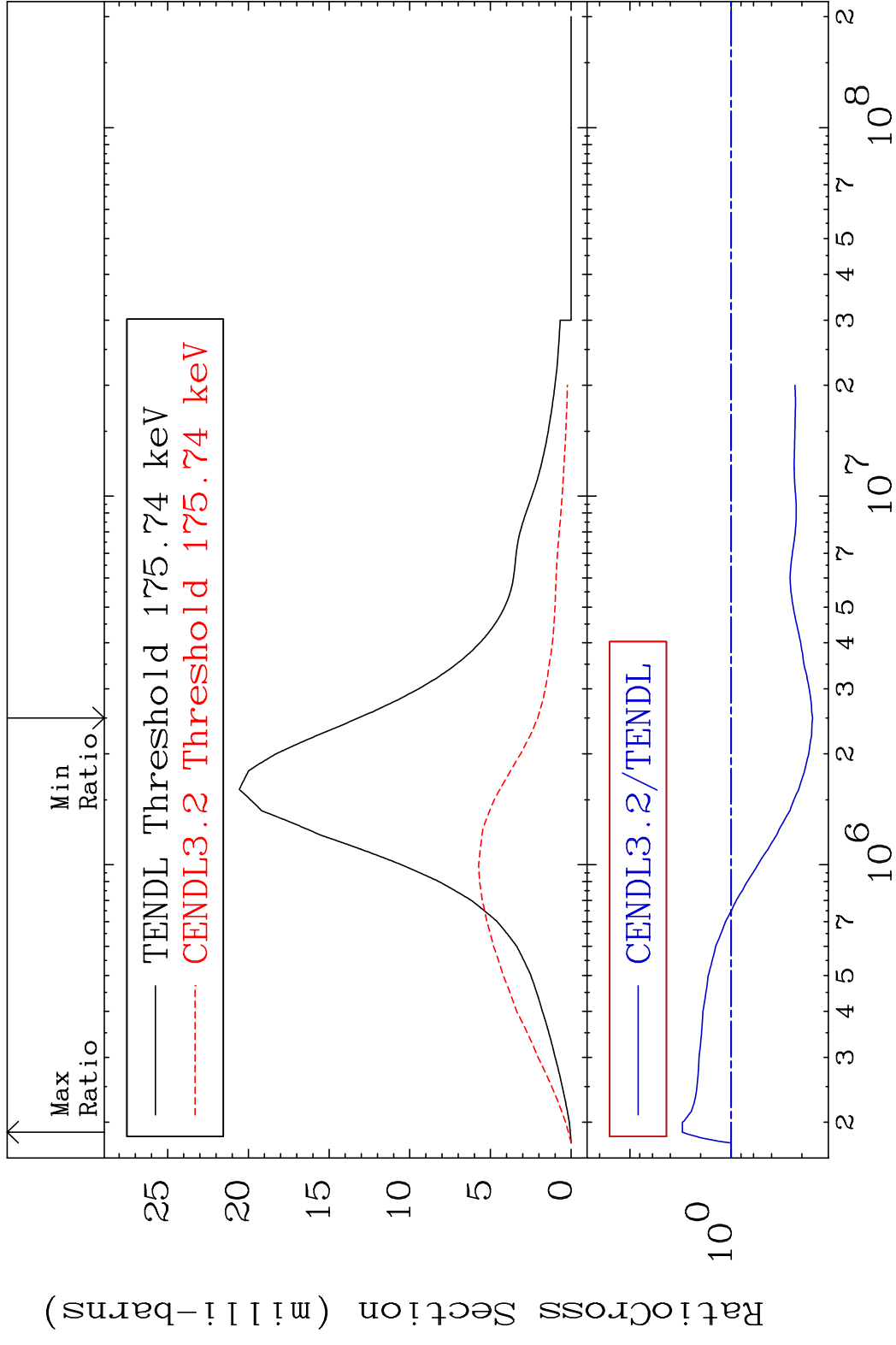


MAT 9431 MT= 54 (n, n') Level 94-Pu-237
 Cross Section -95.33 To 566.2 %

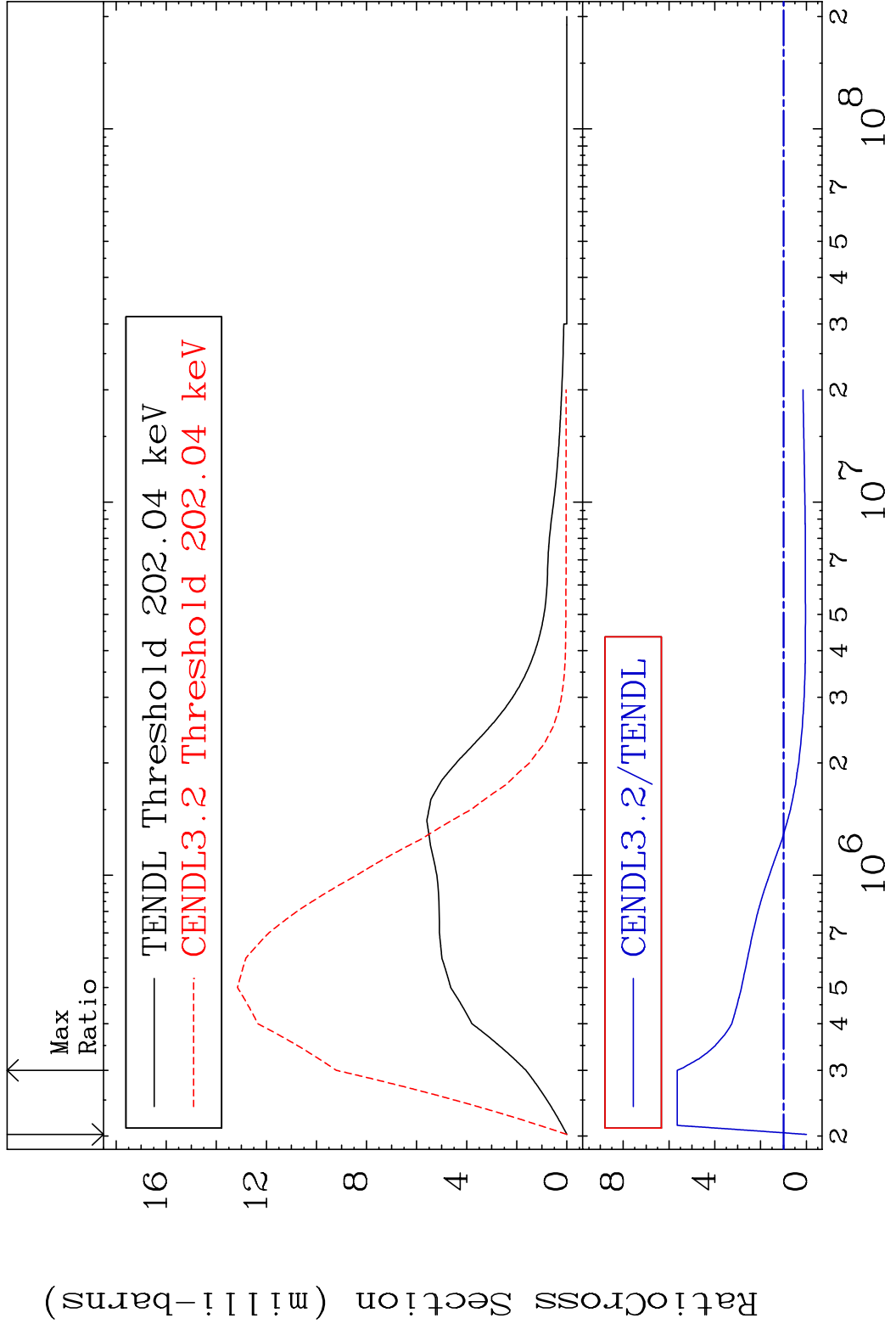


10 Incident Energy (eV) 94-Pu-237

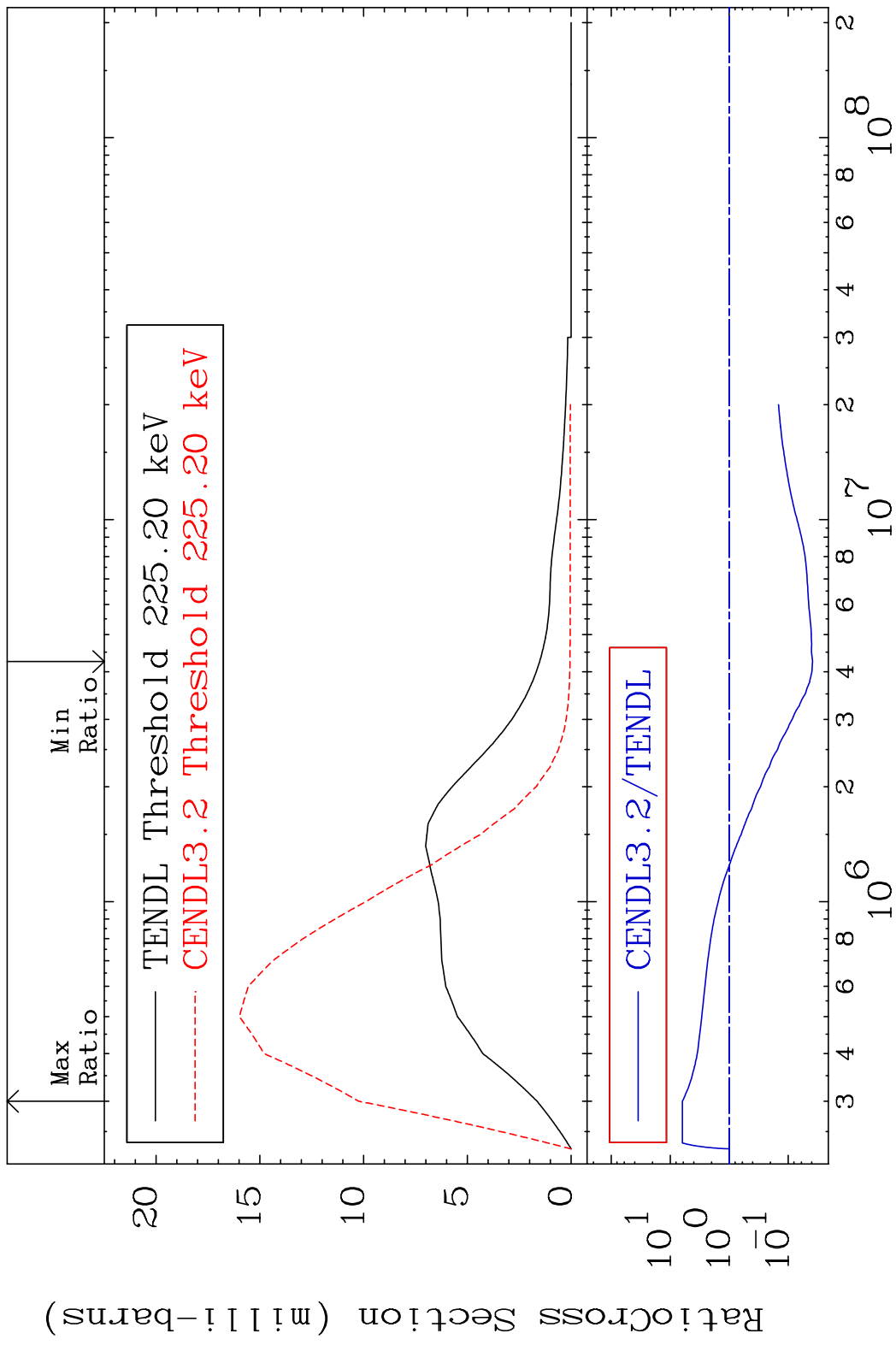
MAT 9431 MT= 55 (n,n') Level 94-Pu-237
 Cross Section -84.29 To 203.8 %



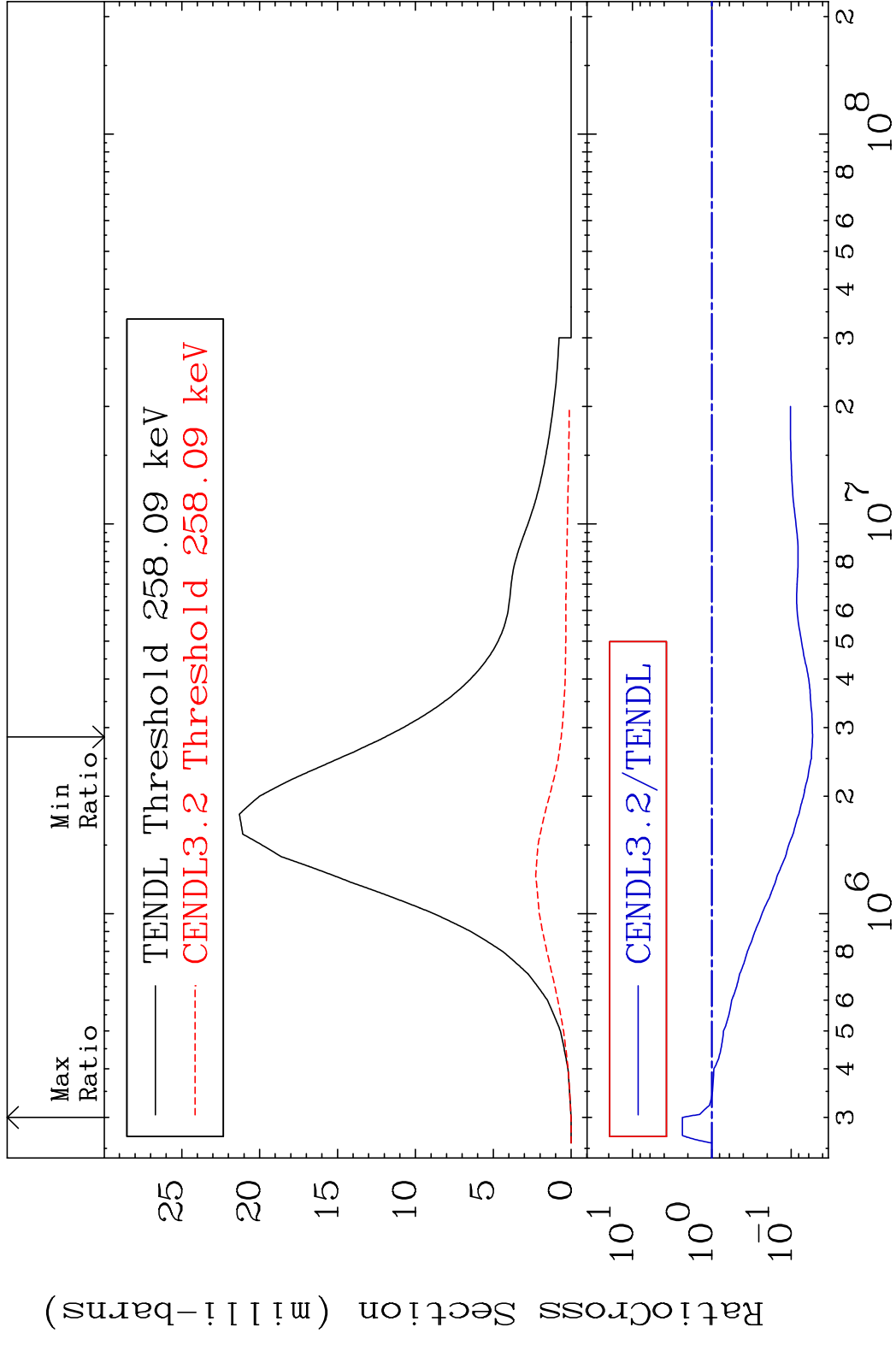
MAT 9431 MT= 56 (n,n') Level 94-Pu-237
 Cross Section -100.0 To 464.3 %



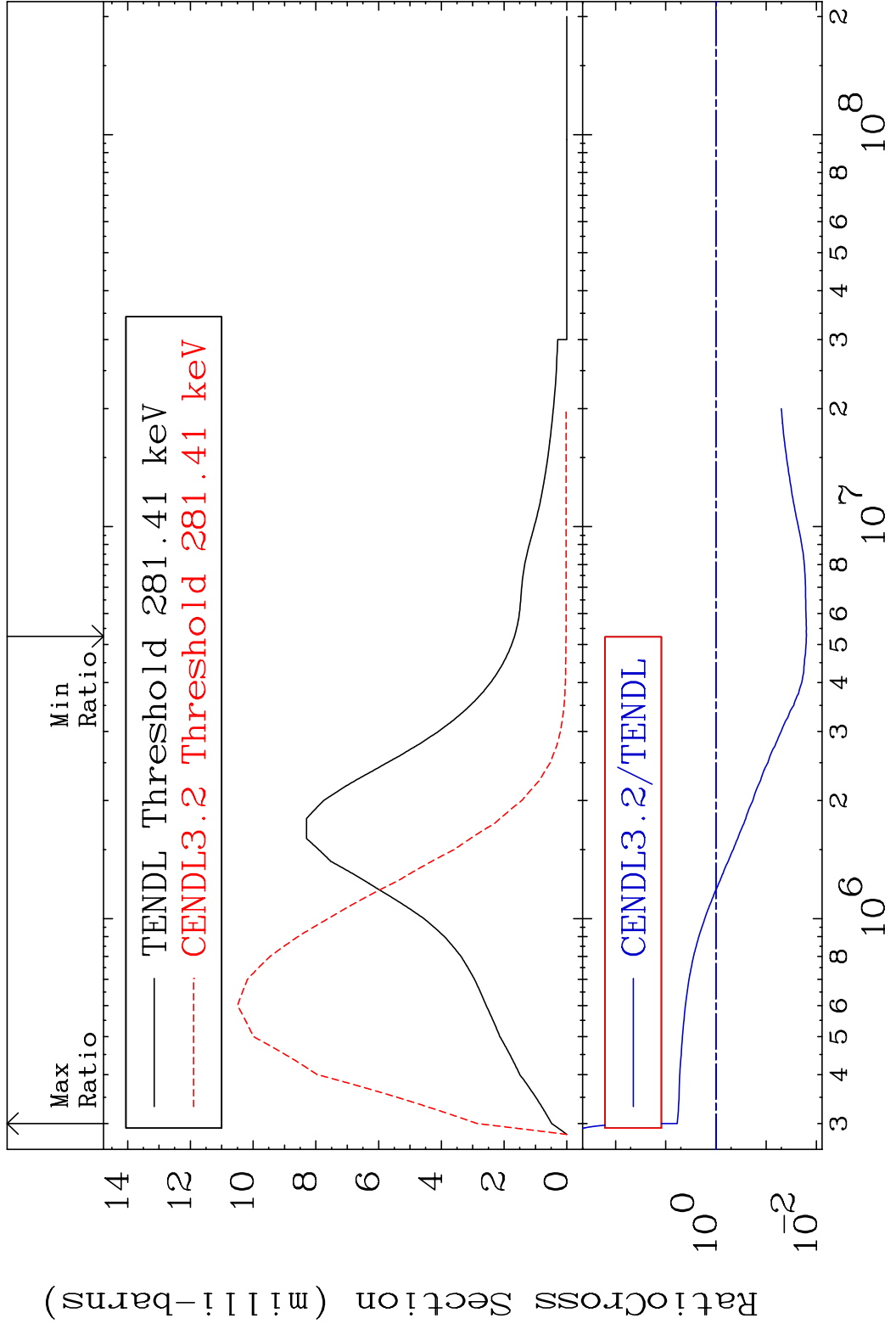
MAT 9431 MT= 57 (n,n') Level 94-Pu-237
 Cross Section -96.13 To 523.0 %



MAT 9431 MT= 58 (n,n') Level 94-Pu-237
 Cross Section -94.64 To 135.2 %



MAT 9431 MT= 59 (n,n') Level 94-Pu-237
 Cross Section -98.41 To 493.0 %

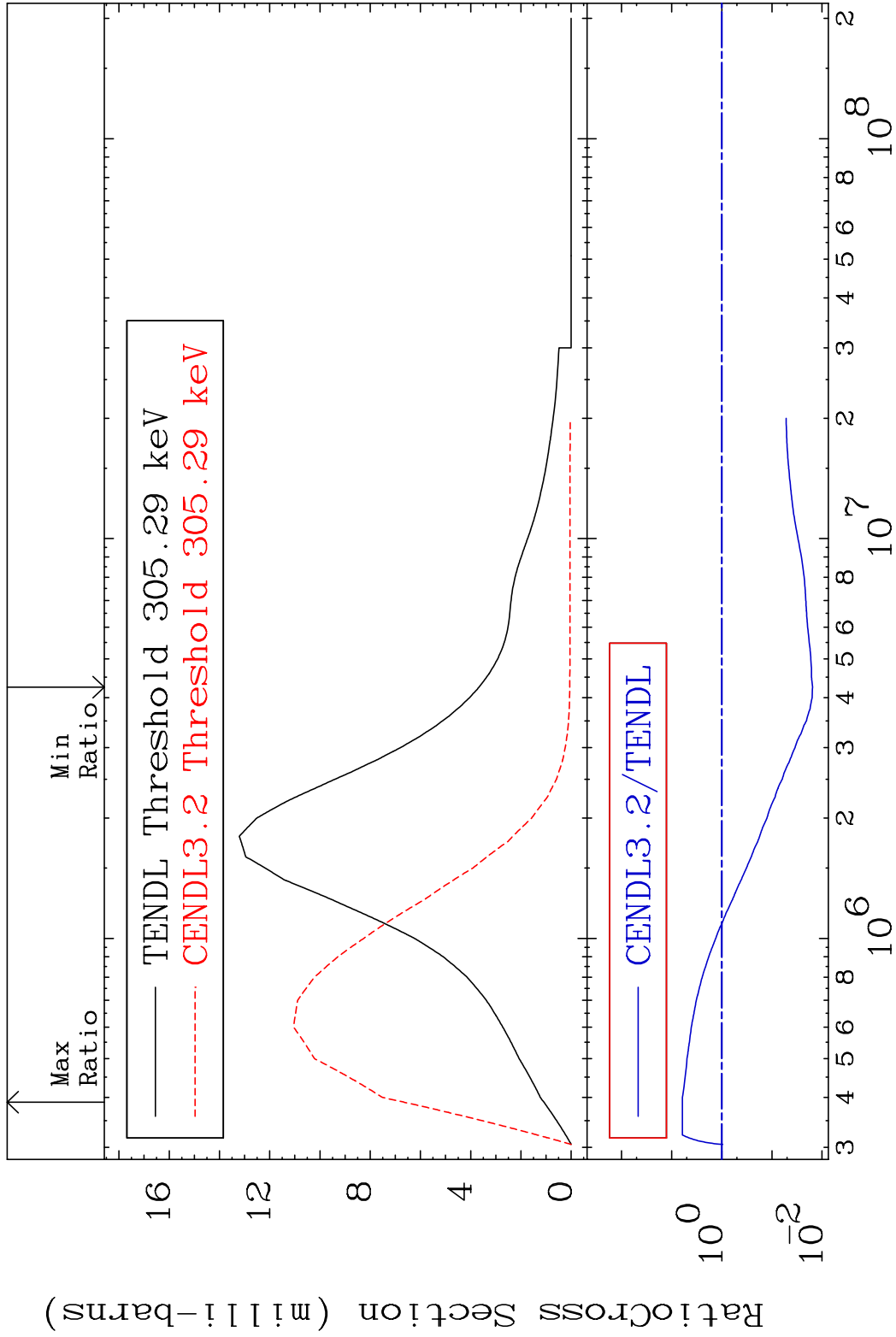


MAT 9431

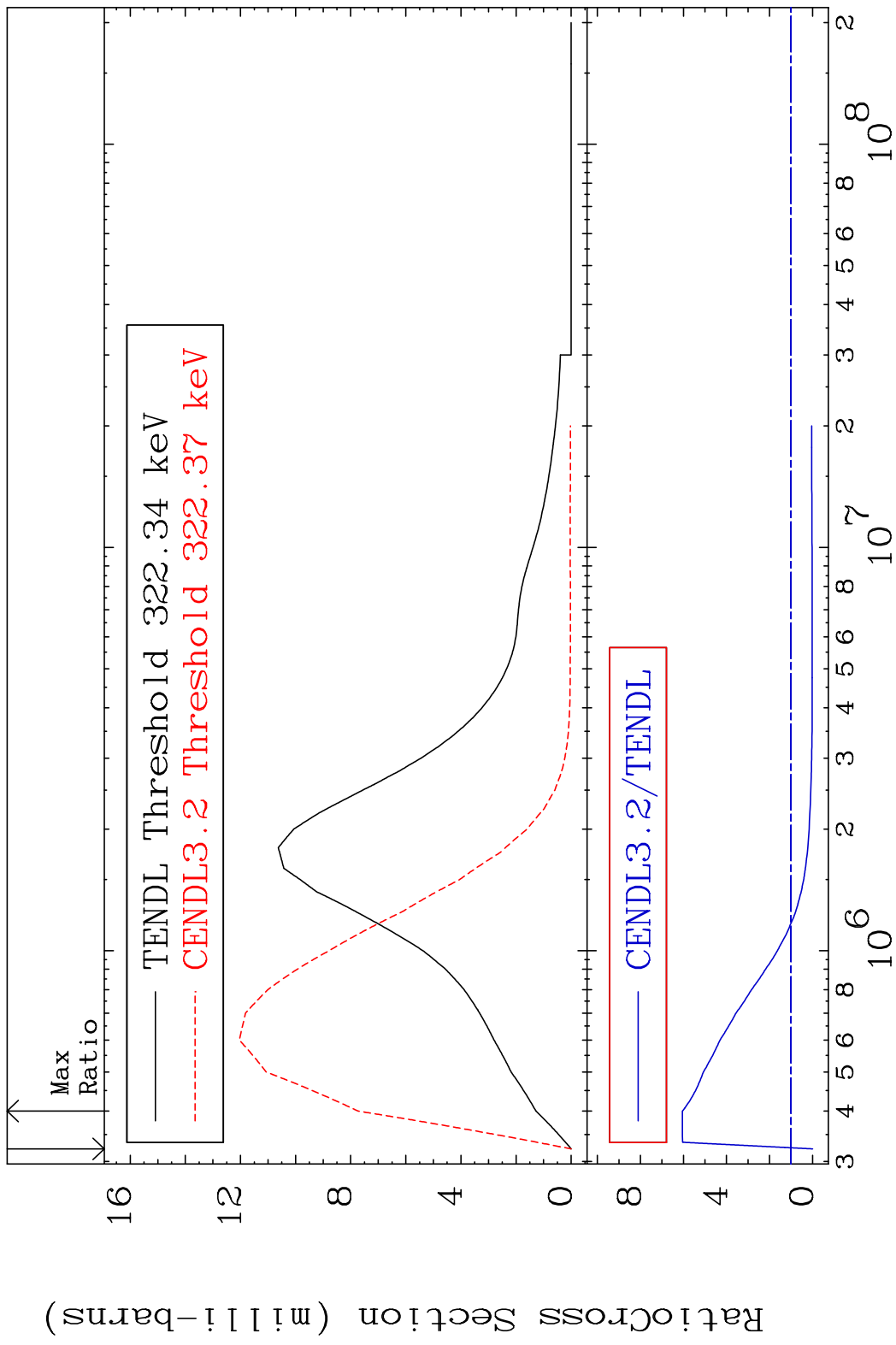
MT= 60 (n, n') Level

94-Pu-237

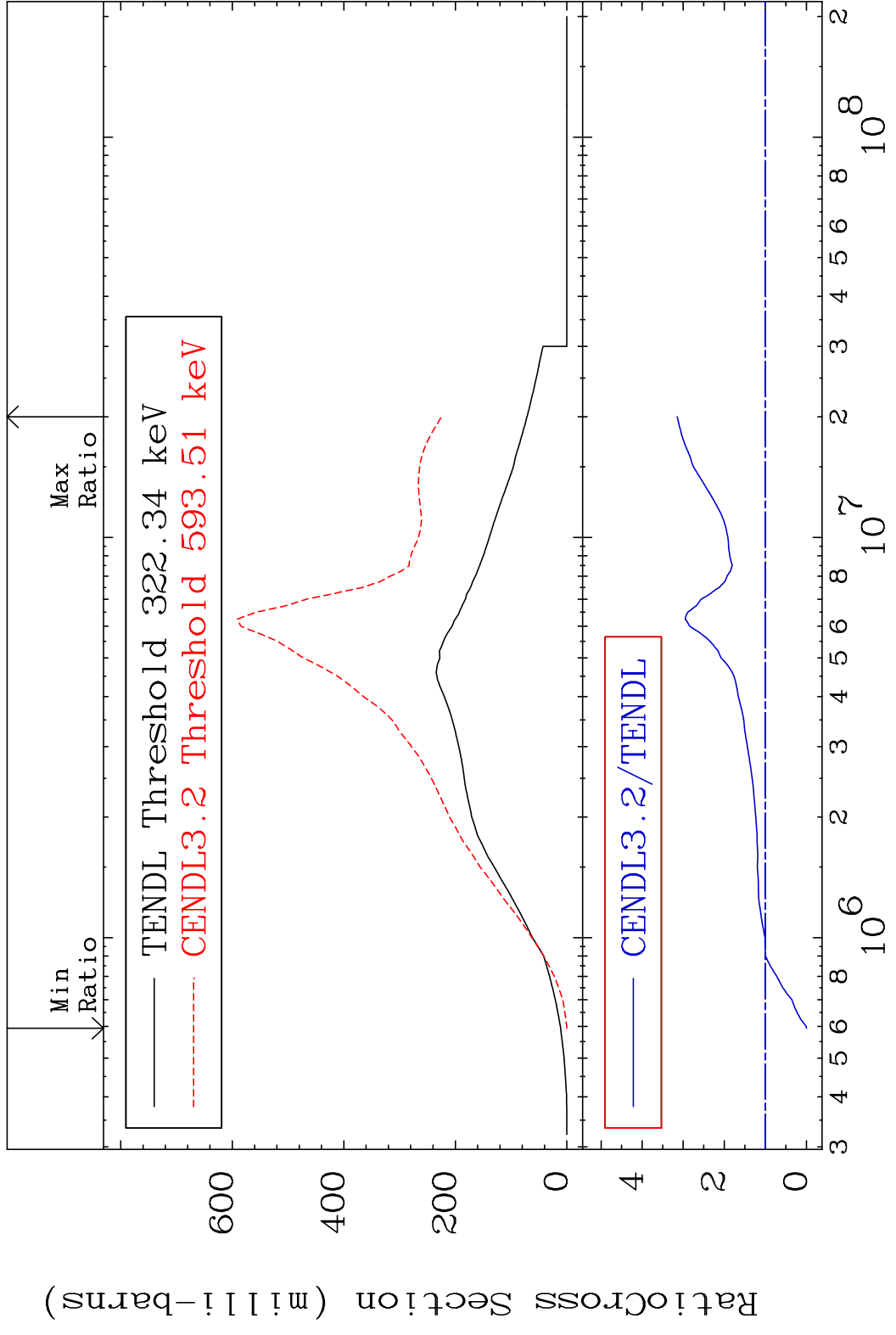
Cross Section -98.45 To 512.2 %



MAT 9431 MT= 61 (n, n') Level 94-Pu-237
 Cross Section -100.0 To 505.1 %



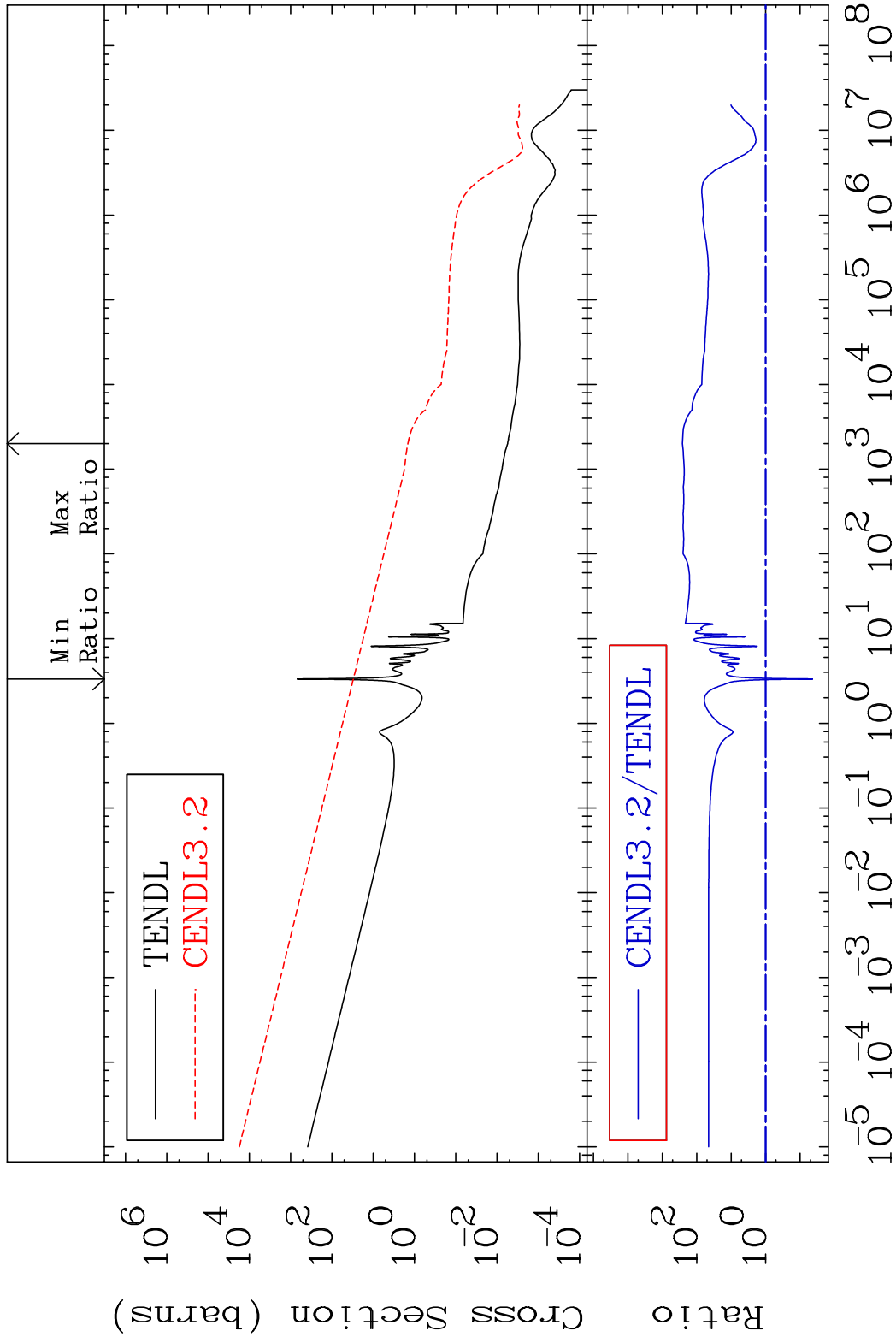
MAT 9431 (n, n') Continuum 94-Pu-237
 Cross Section -100.0 To 214.7 %



MAT 9431

(n, γ)
Cross Section -95.66 To 9999. %

94-Pu-237

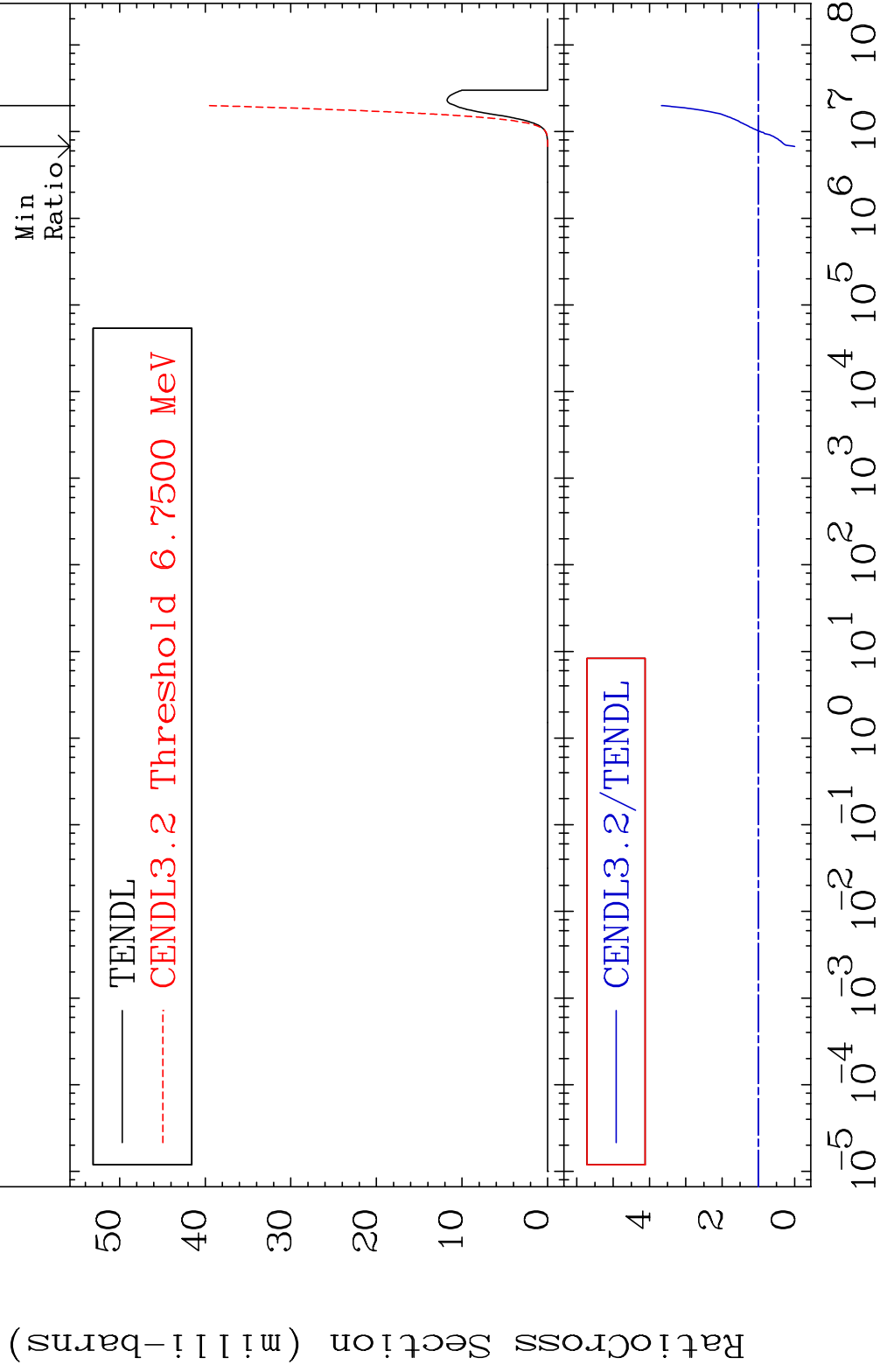


MAT 9431

(n, p)

94-Pu-237

Cross Section -100.0 To 267.0 %



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Incident Energy (eV)

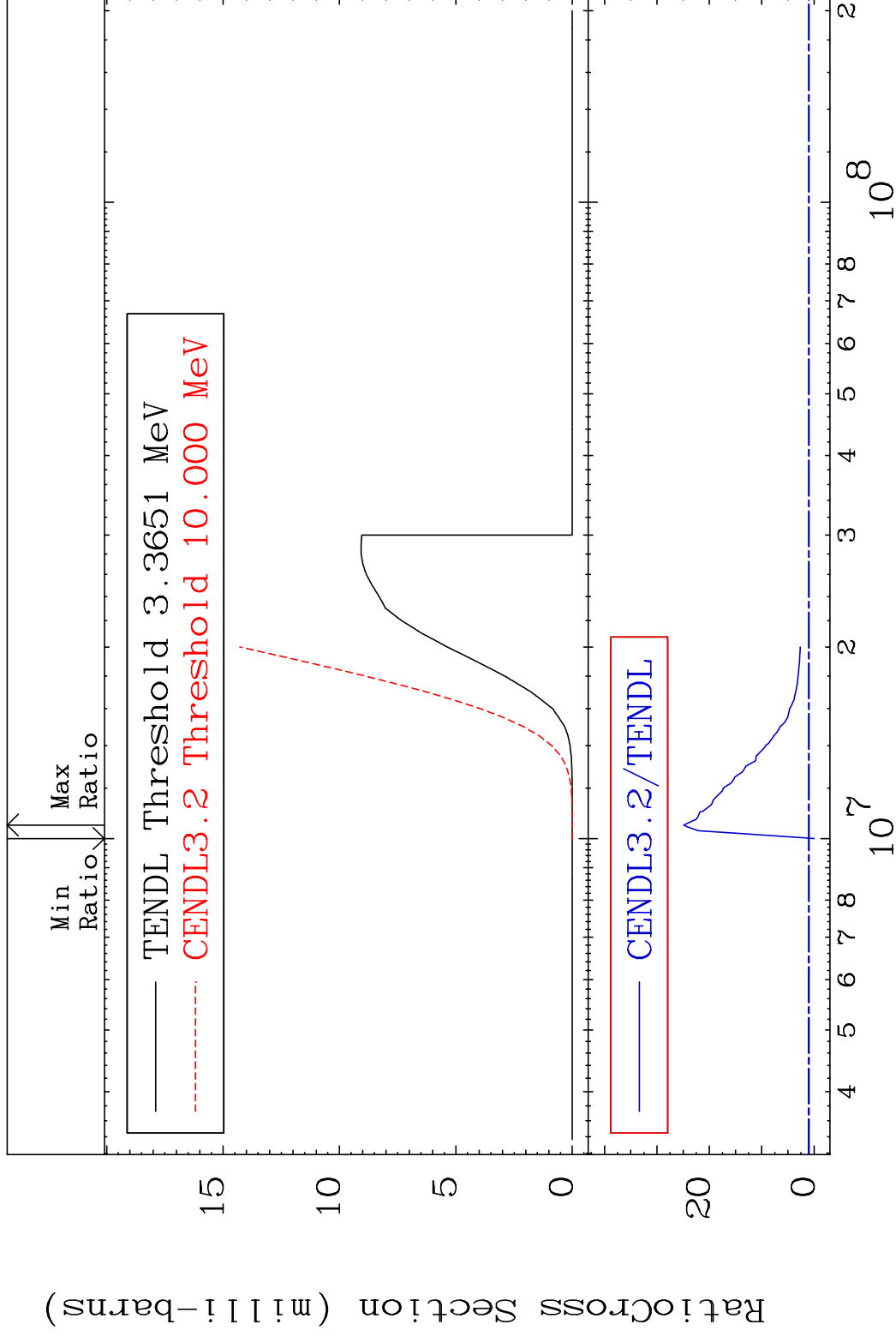
94-Pu-237

MAT 9431

(n, d)

94-Pu-237

Cross Section -100.0 To 2390. %



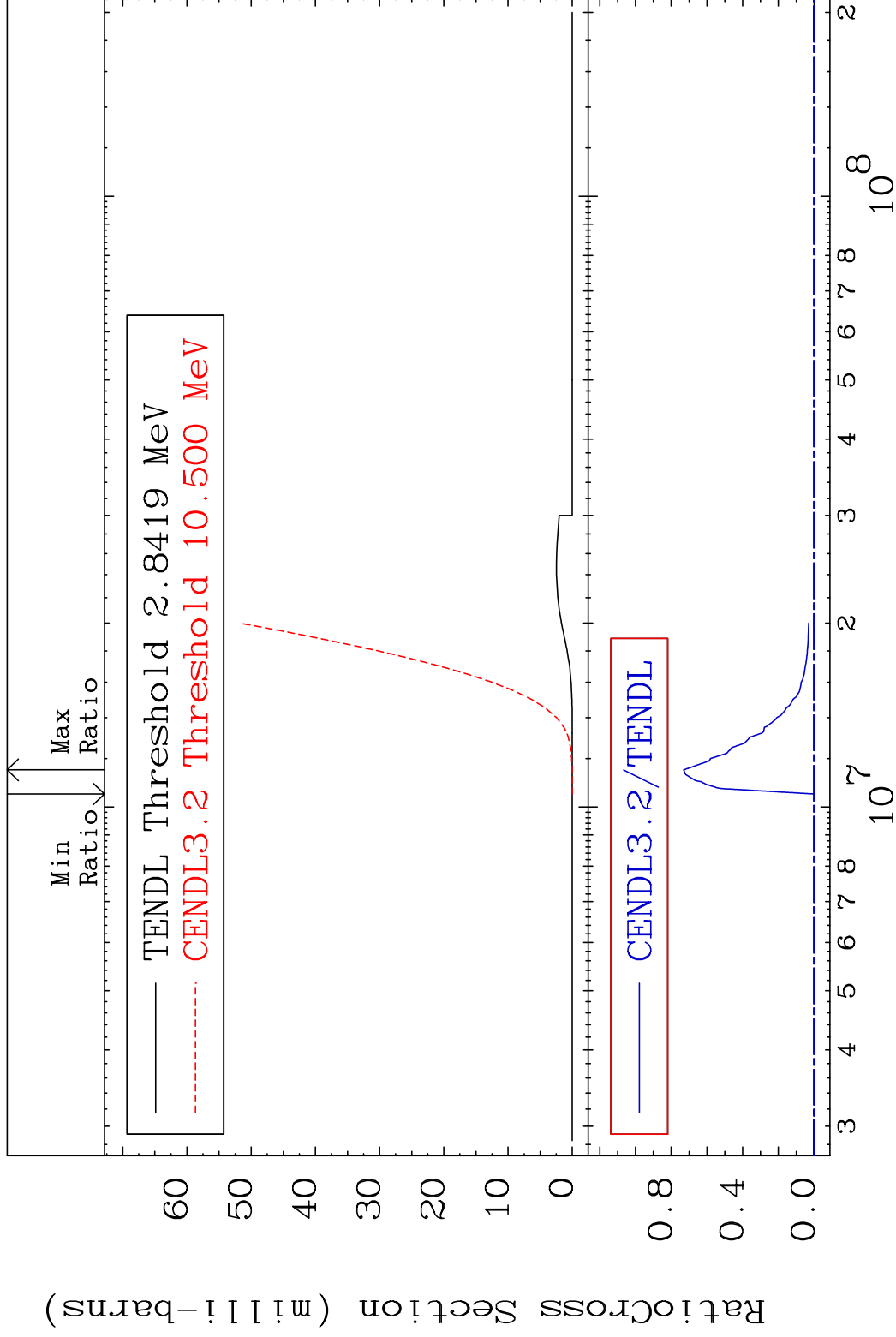
21

Incident Energy (eV)

94-Pu-237

MAT 9431

(n, t) 94-Pu-237
Cross Section -100.0 To 9999. %

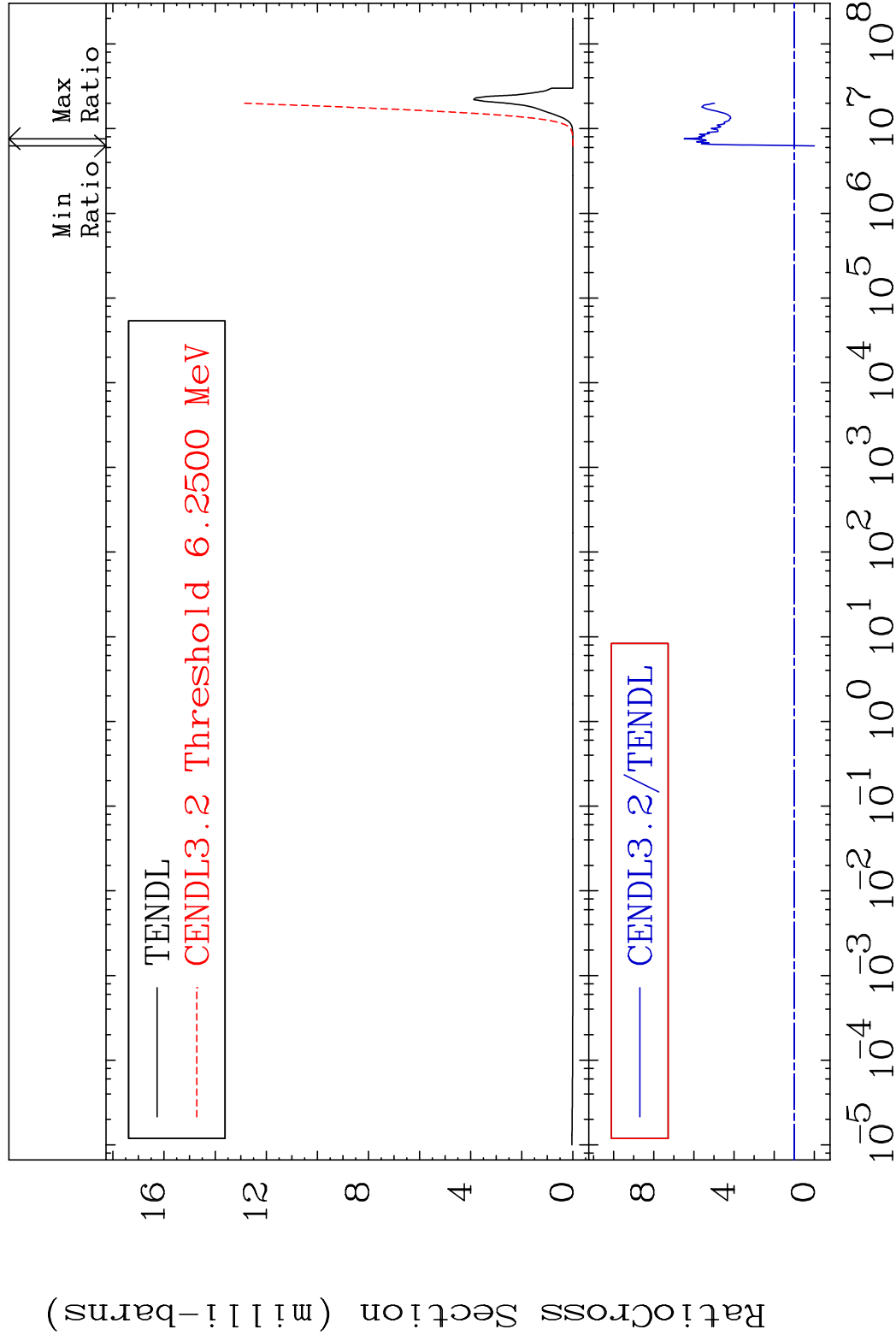


MAT 9431

(n, α)

94-Pu-237

Cross Section -100.0 To 548.9 %



23

Incident Energy (eV)

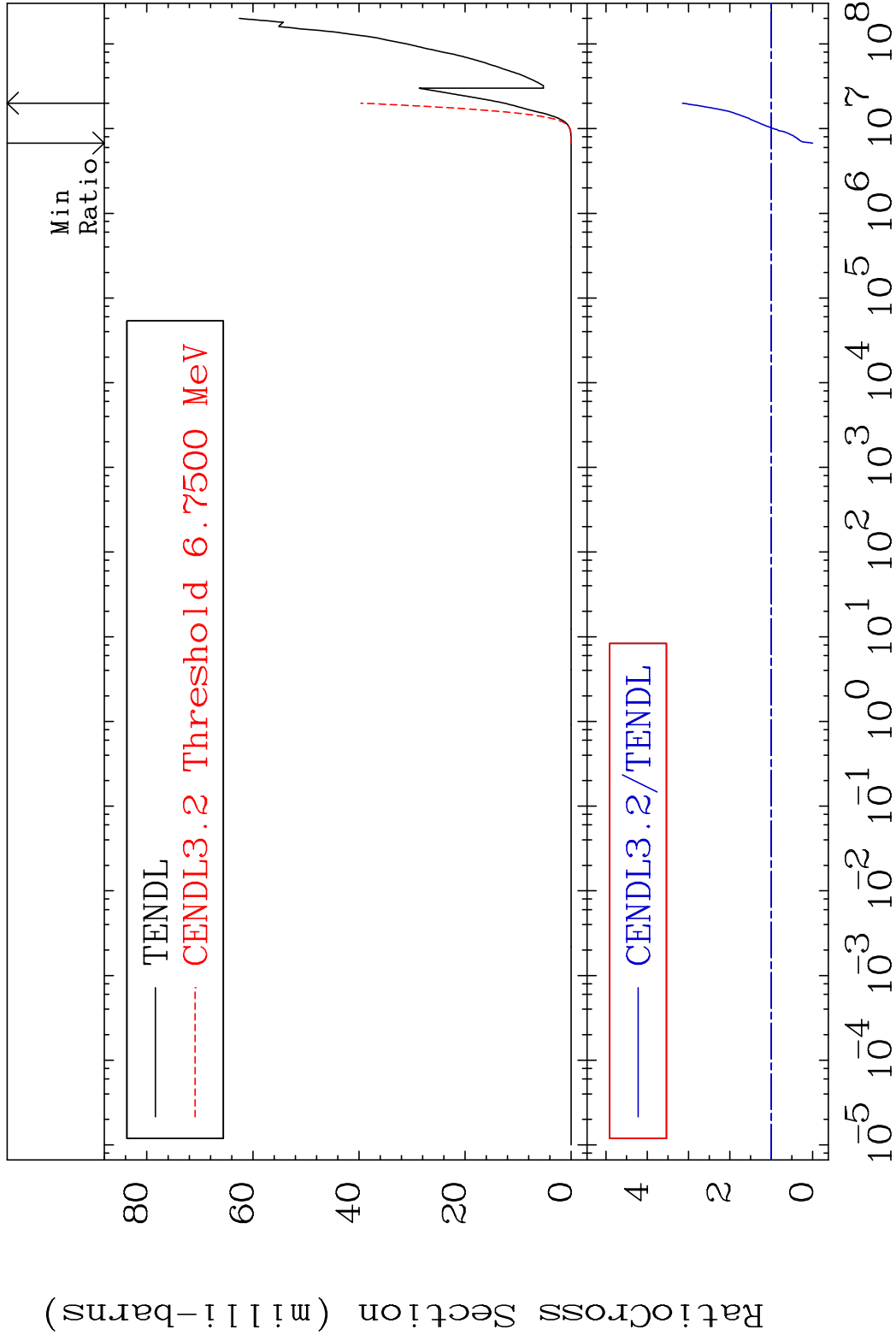
94-Pu-237

MAT 9431

Hydrogen Production

94-Pu-237

Cross Section -100.0 To 215.1 %

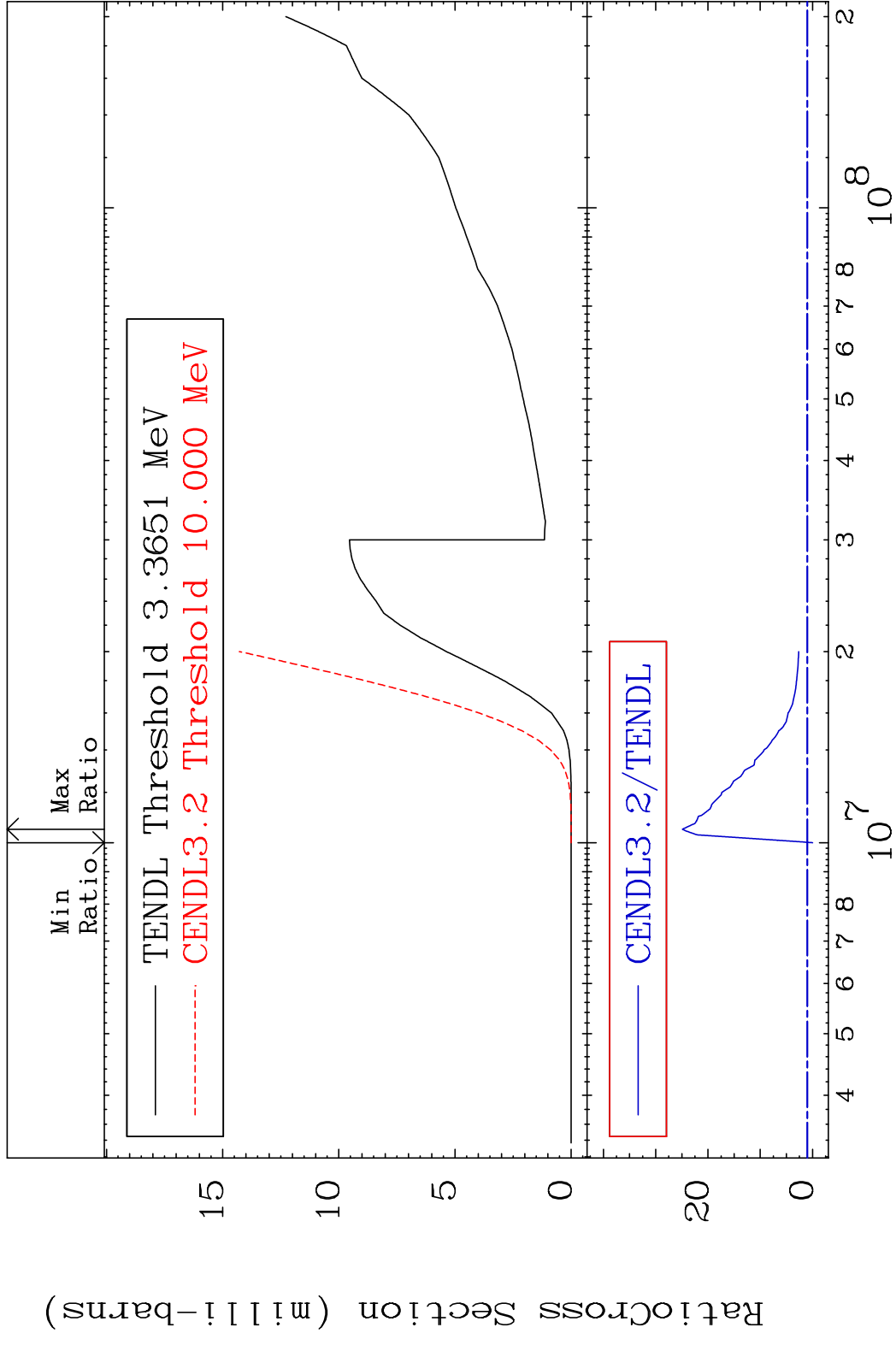


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Incident Energy (eV)

94-Pu-237

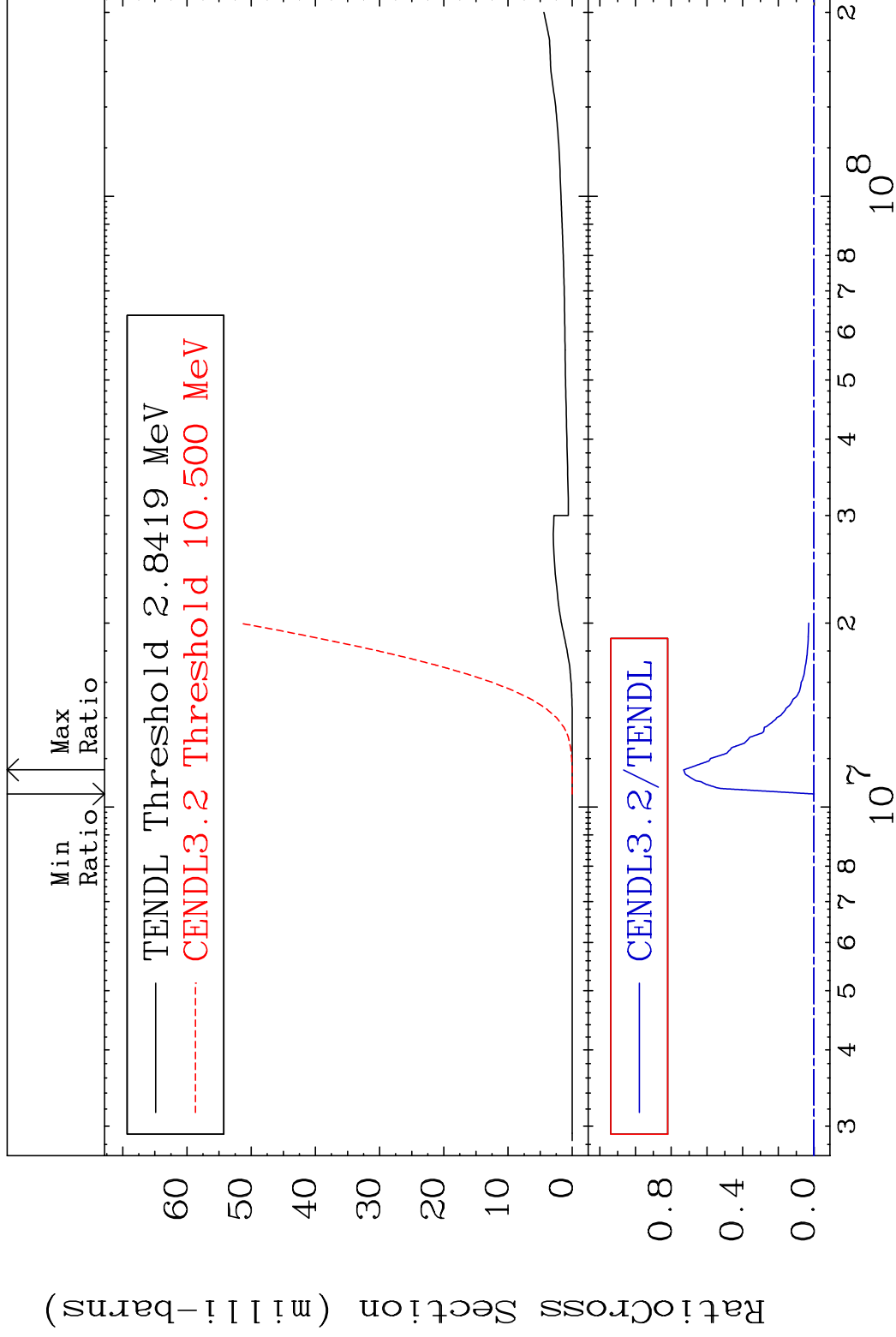
MAT 9431 Deuterium Production 94-Pu-237
 Cross Section -100.0 To 2390. %



25 Incident Energy (eV) 94-Pu-237

MAT 9431

Tritium Production 94-Pu-237
Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

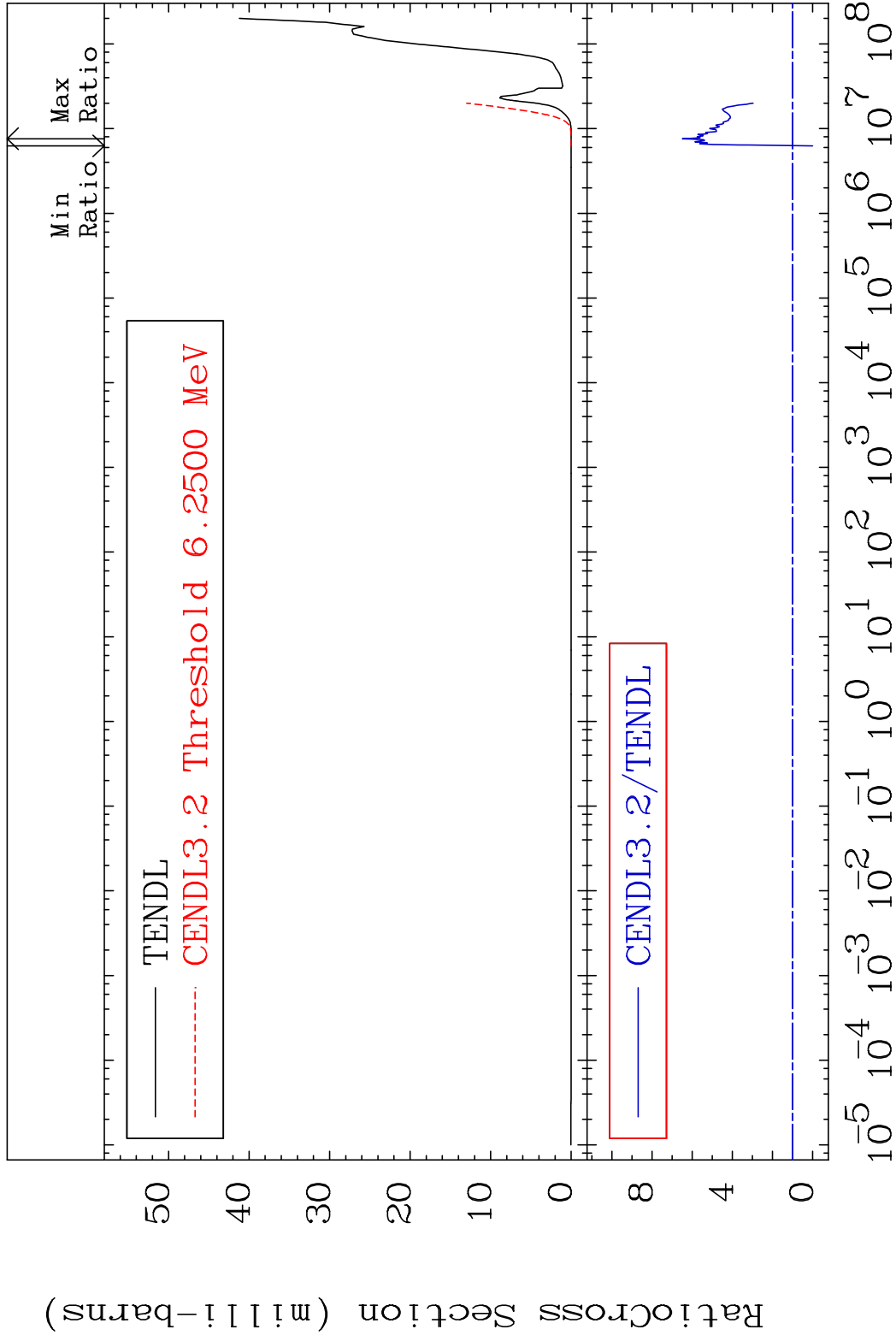
94-Pu-237

MAT 9431

He-4 Production

94-Pu-237

Cross Section -100.0 To 548.6 %



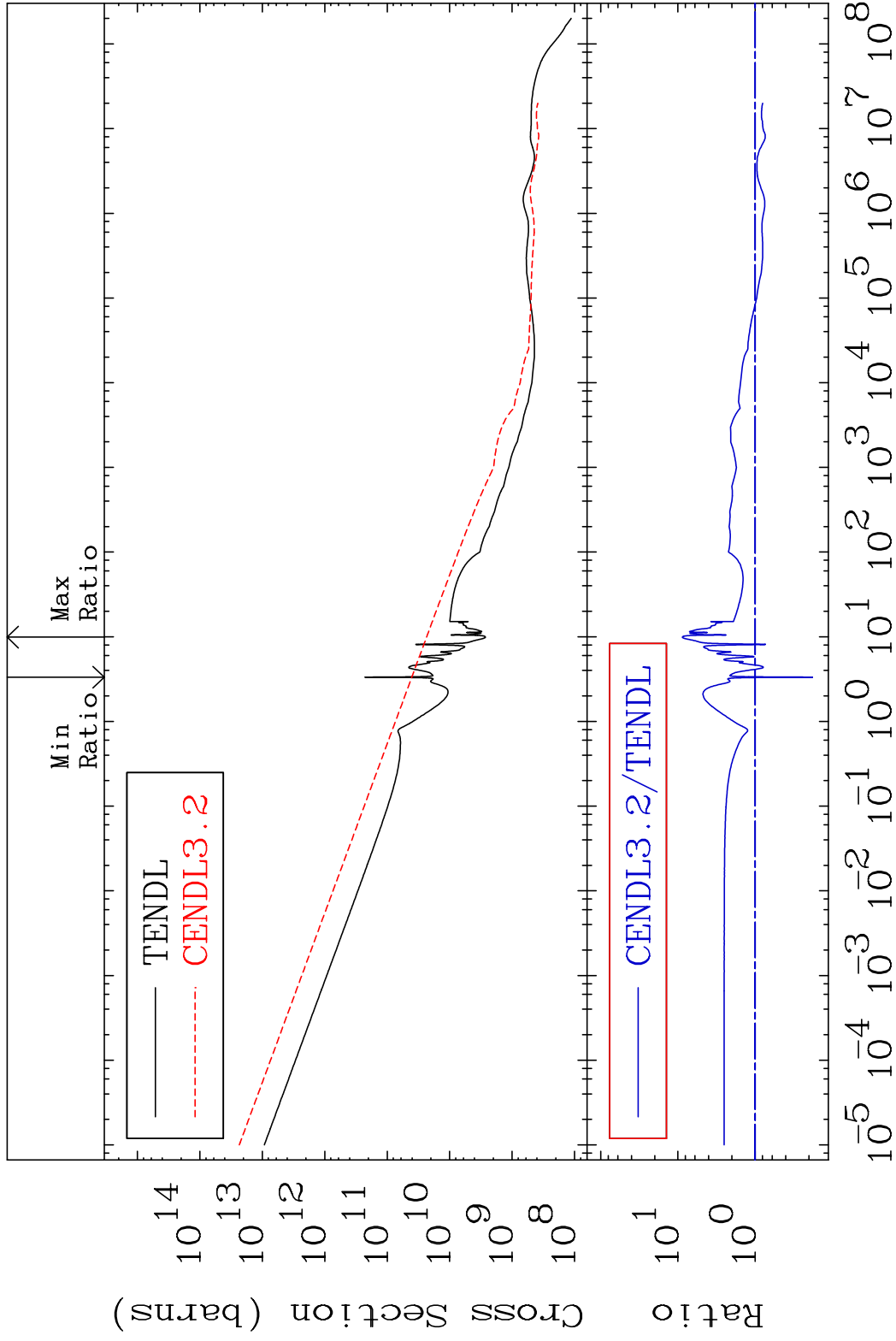
27

Incident Energy (eV)

94-Pu-237

MAT 9431

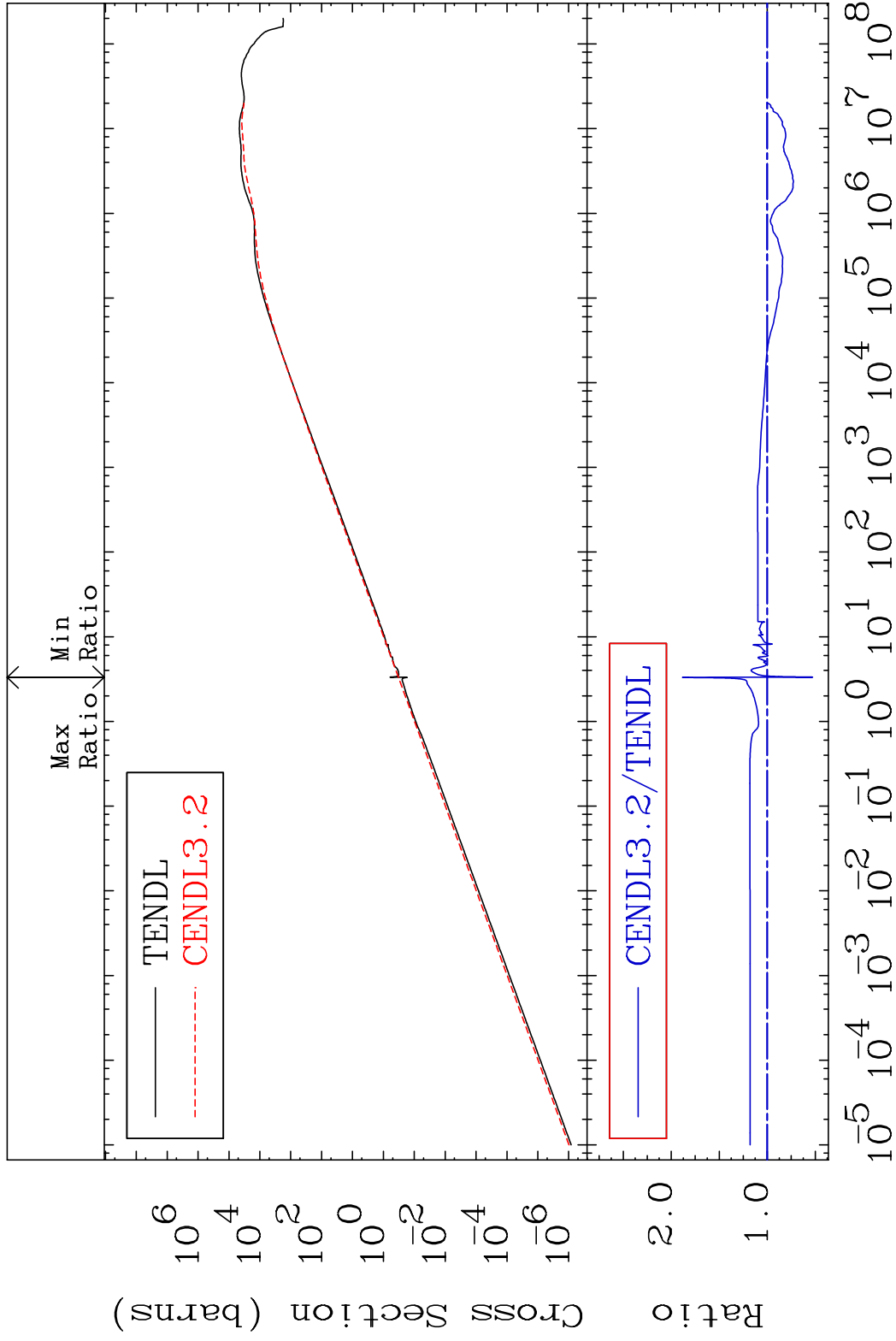
Kerma total (eV-barns) 94-Pu-237
Cross Section -82.04 To 776.3 %



MAT 9431

Kerma elastic
Cross Section -47.21 To 88.42 %

94-Pu-237

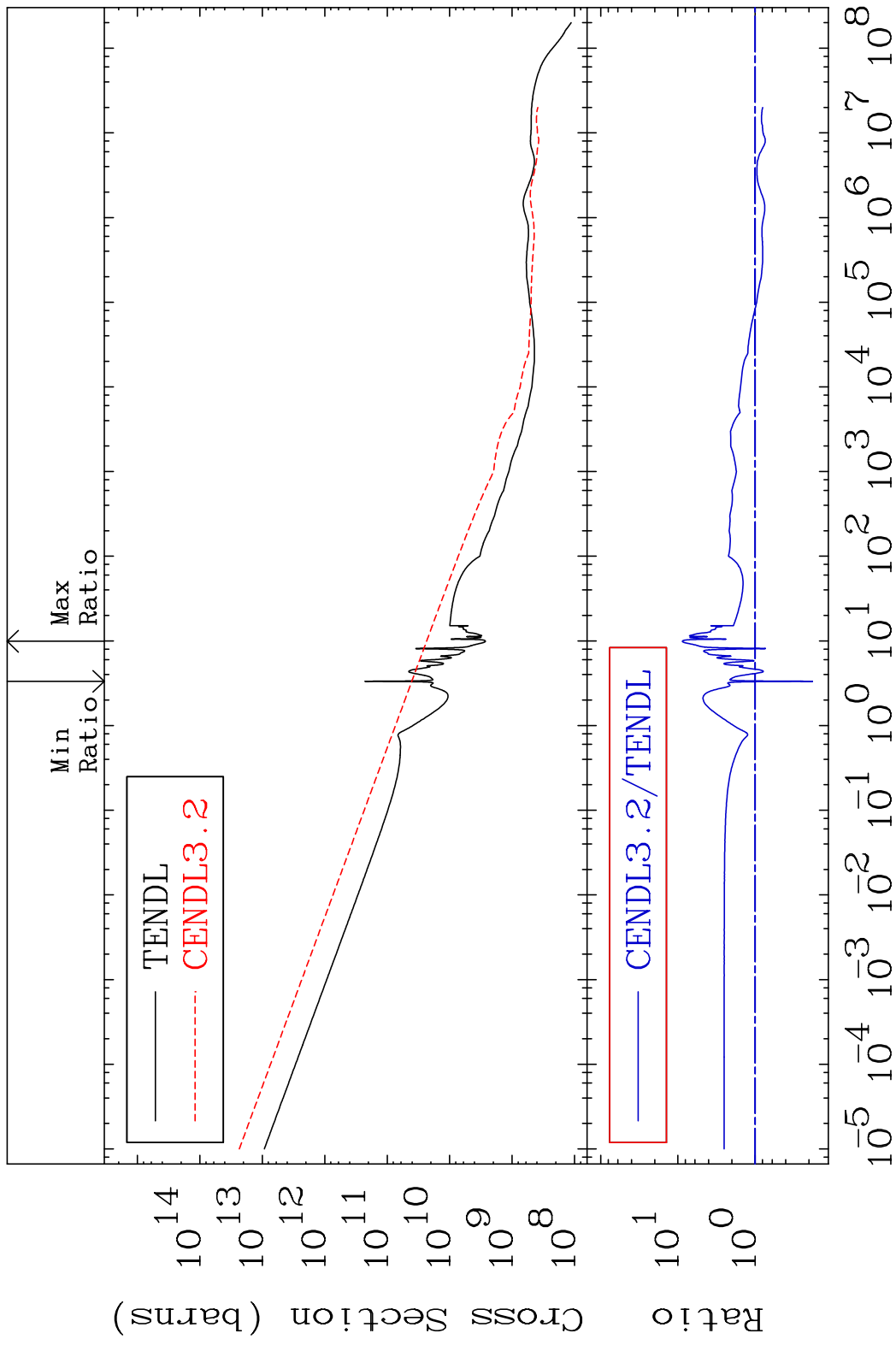


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Incident Energy (eV)

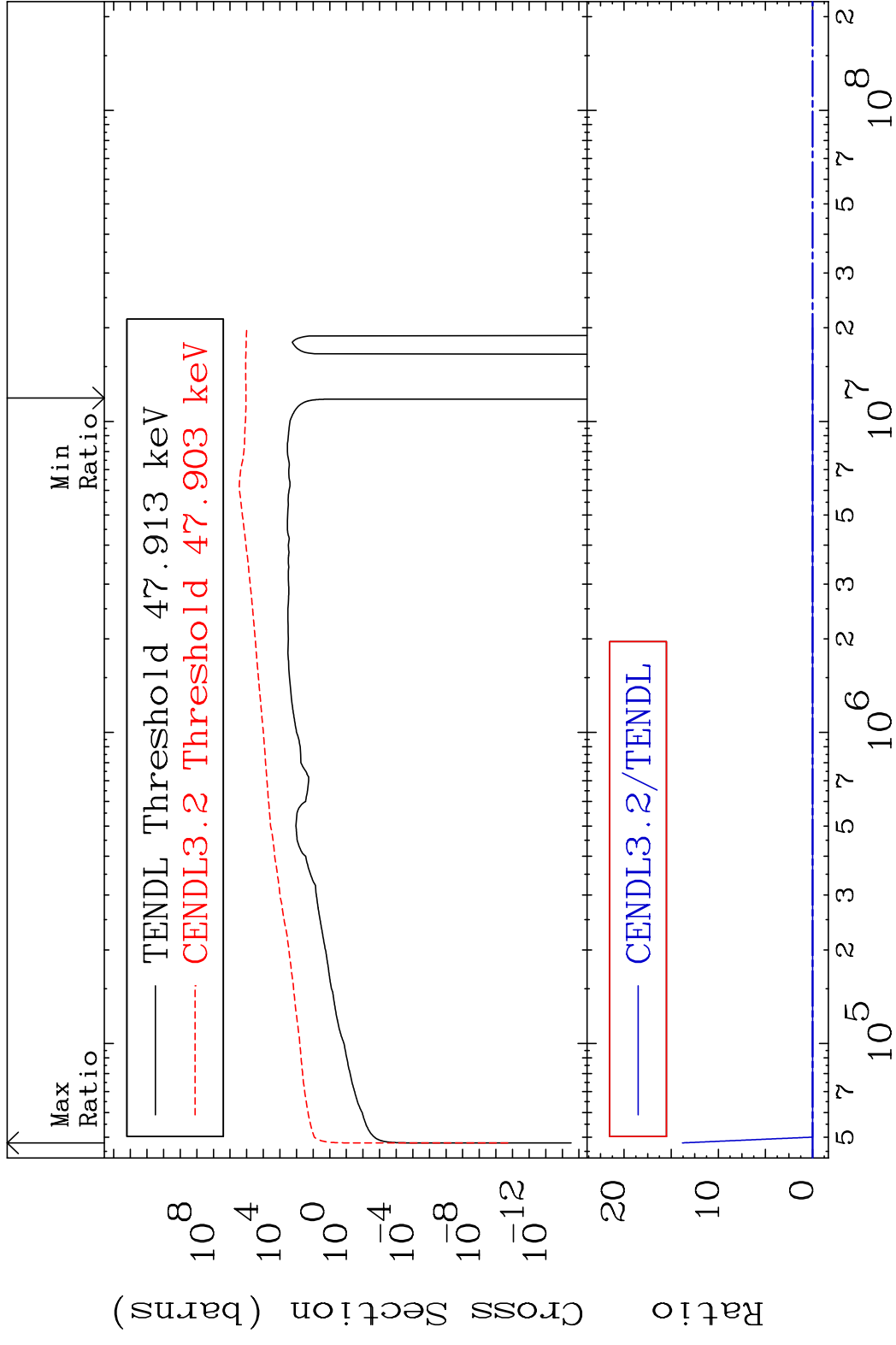
94-Pu-237

MAT 9431 Kerma non-elastic (all but mt2) 94-Pu-237
 Cross Section -82.04 To 776.3 %

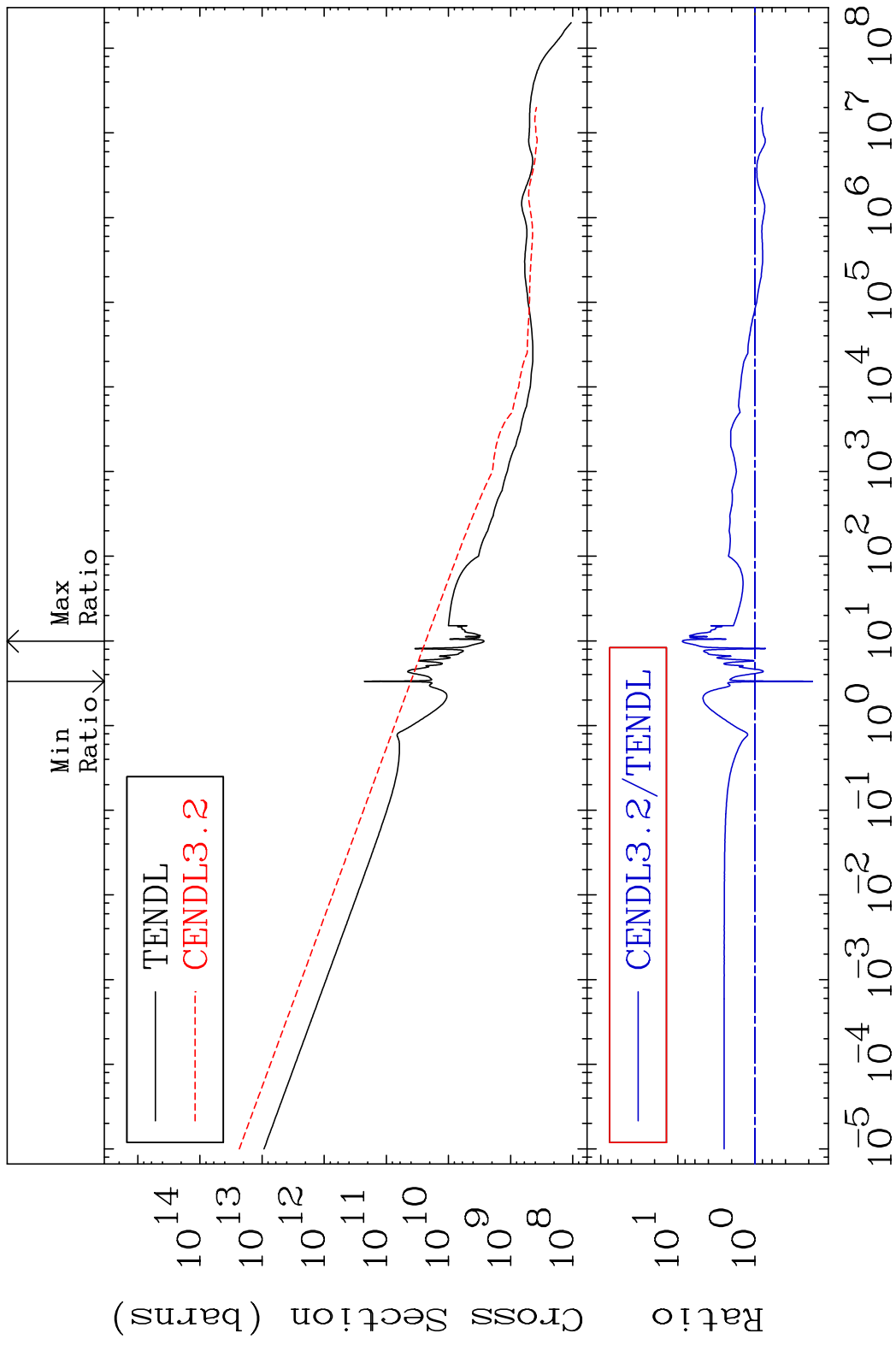


30 Incident Energy (eV) 94-Pu-237

MAT 9431 Kerma inelastic (mt51-91) 94-Pu-237
 Cross Section -9999. To 9999. %

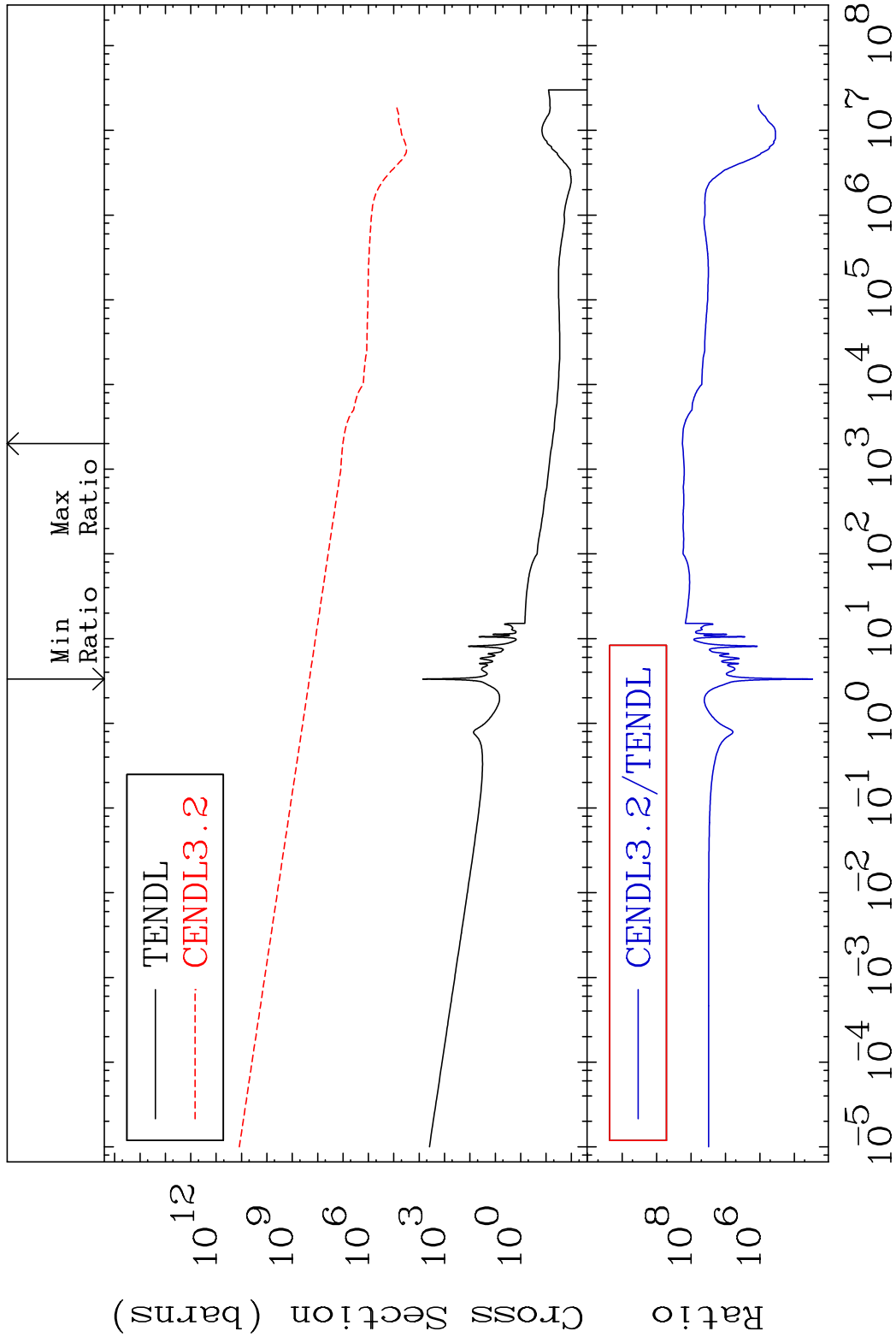


MAT 9431 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-237
 Cross Section -82.13 To 771.7 %



MAT 9431

Kerma capture (mt102) 94-Pu-237
Cross Section 9999. To 9999. %

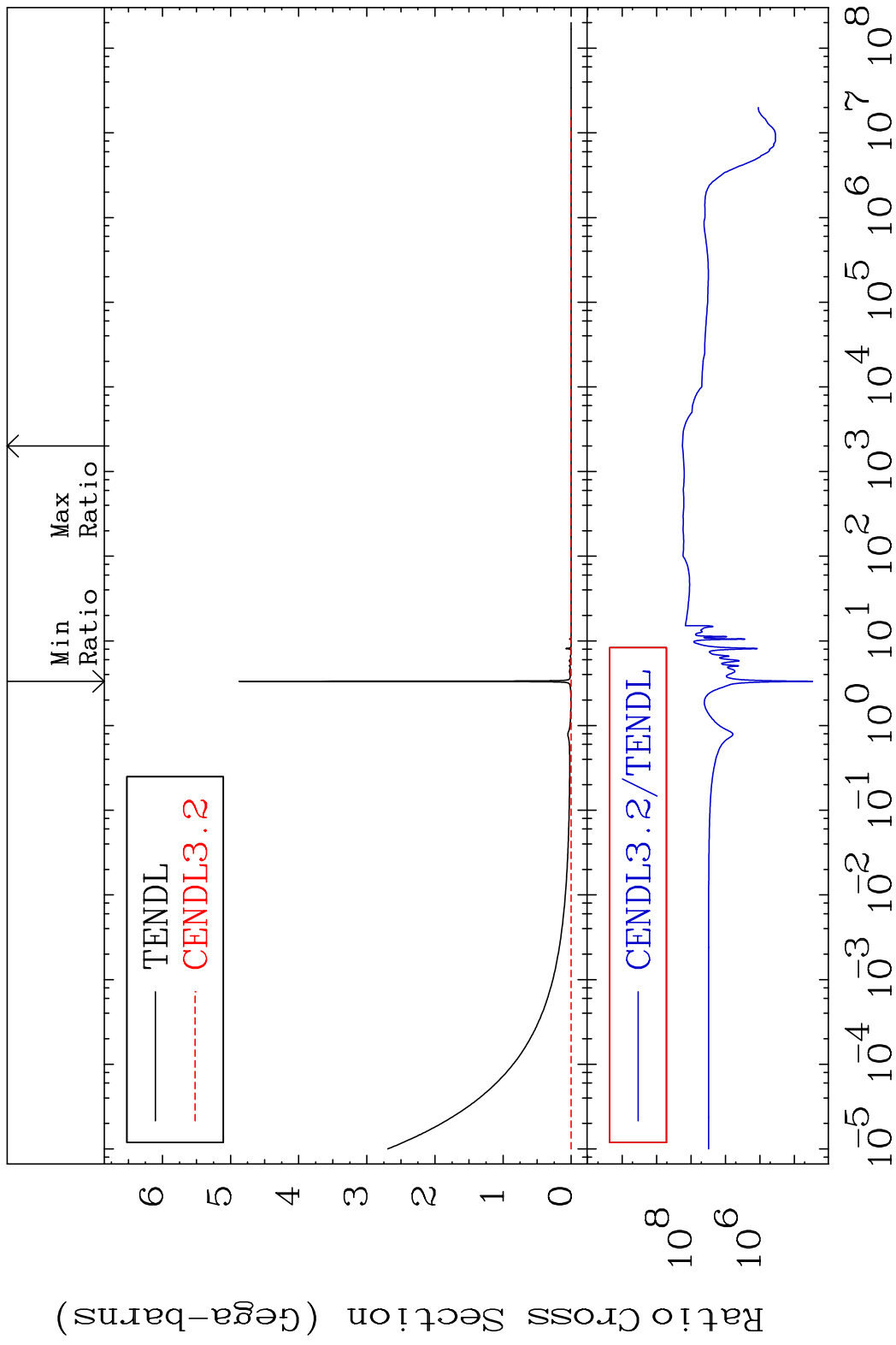


33

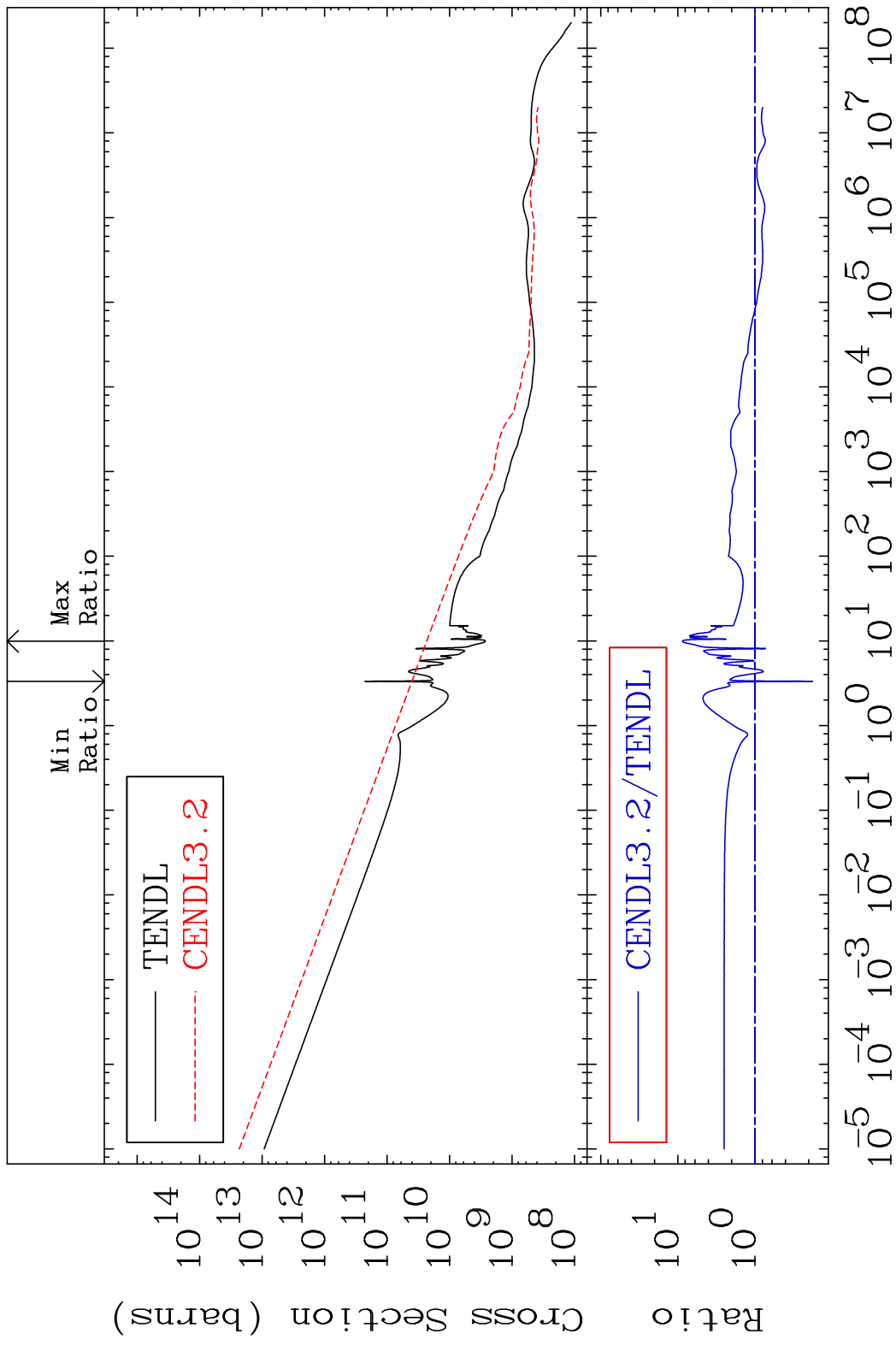
Incident Energy (eV)

94-Pu-237

MAT 9431 Total photon (eV-barns) 94-Pu-237
 Cross Section 9999. To 9999. %



MAT 9431 Total kinematic kerma (high limit) 94-Pu-237
 Cross Section -82.13 To 771.7 %

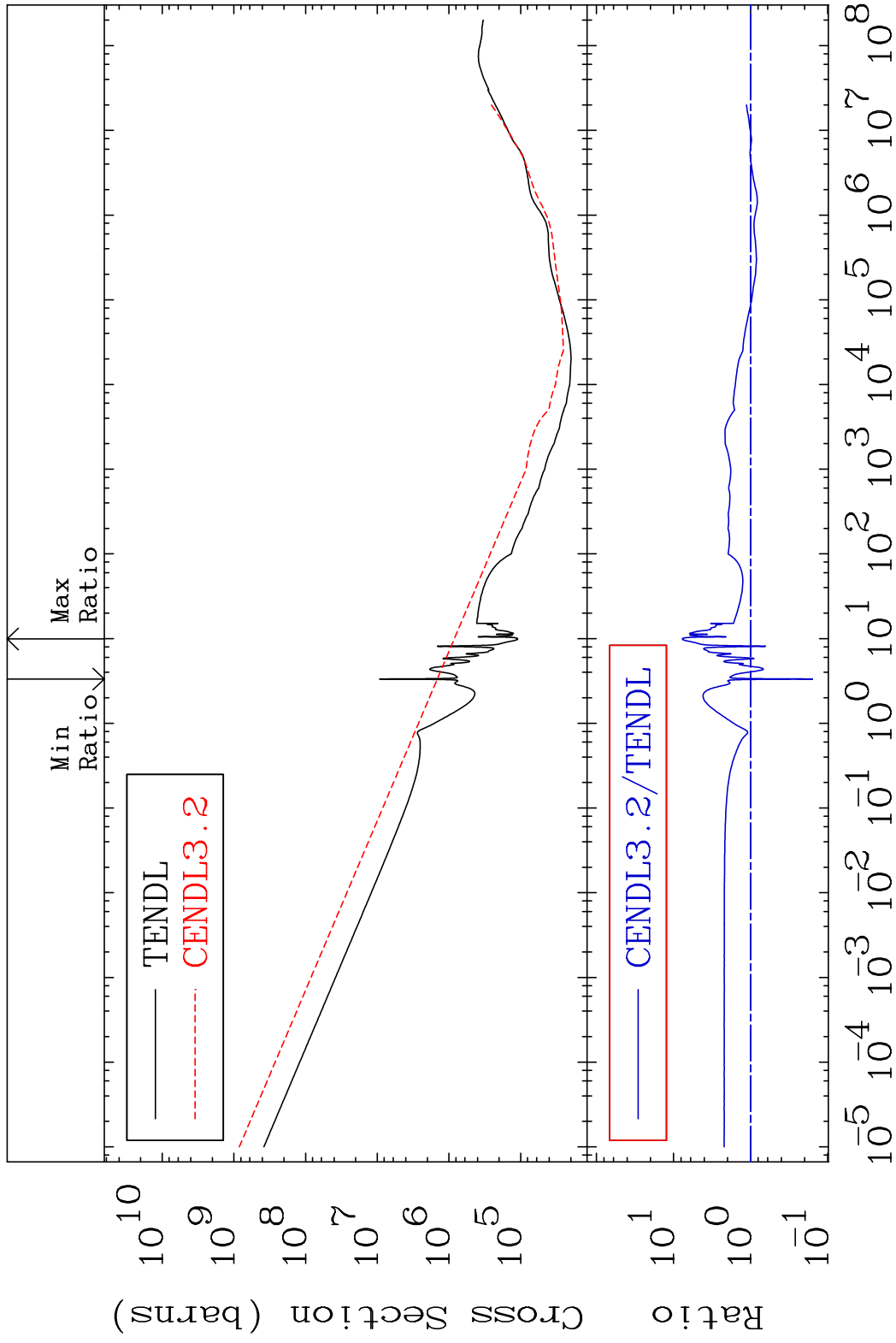


MAT 9431

Dpa total (eV-barns)

94-Pu-237

Cross Section -84.26 To 668.9 %



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Incident Energy (eV)

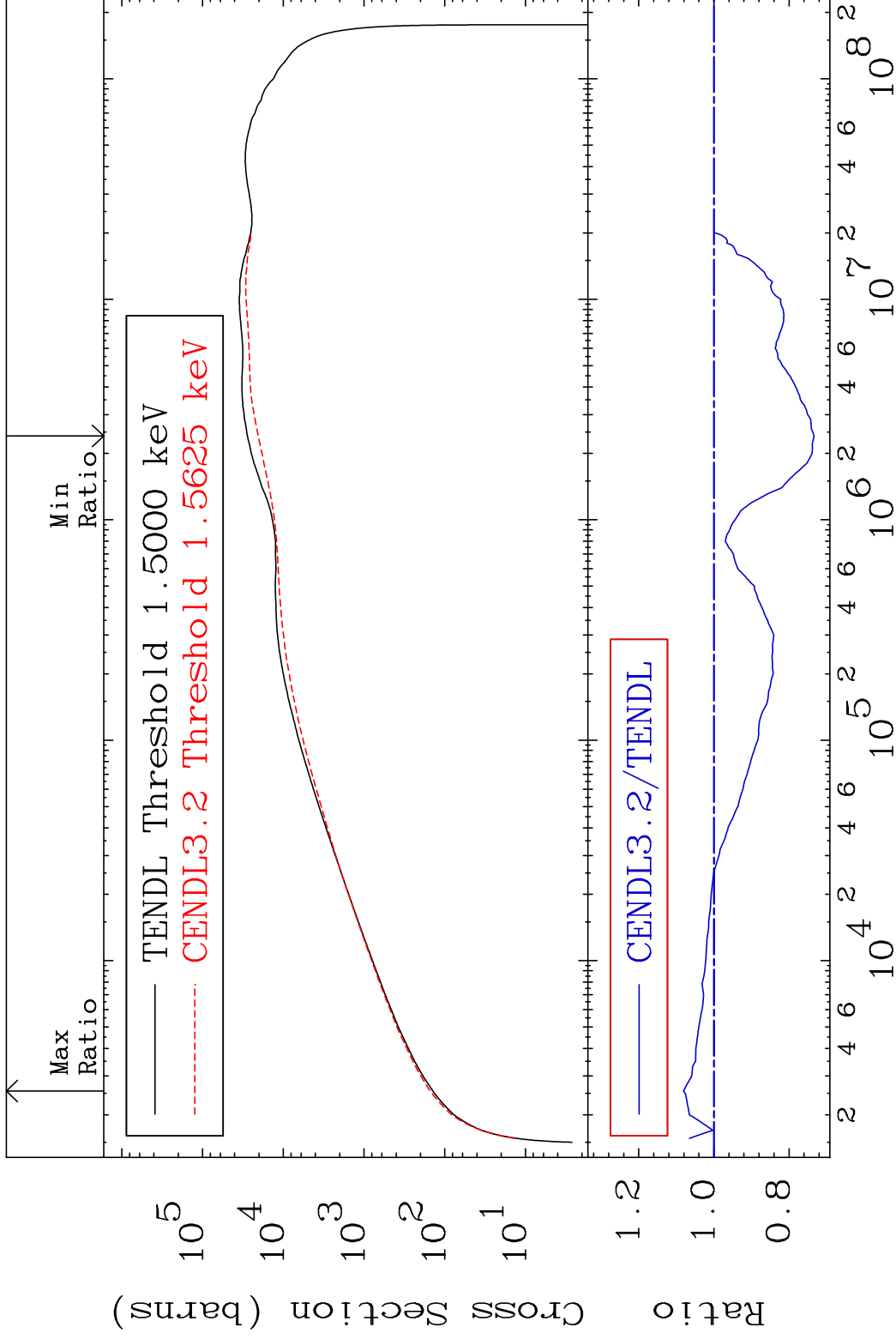
94-Pu-237

MAT 9431

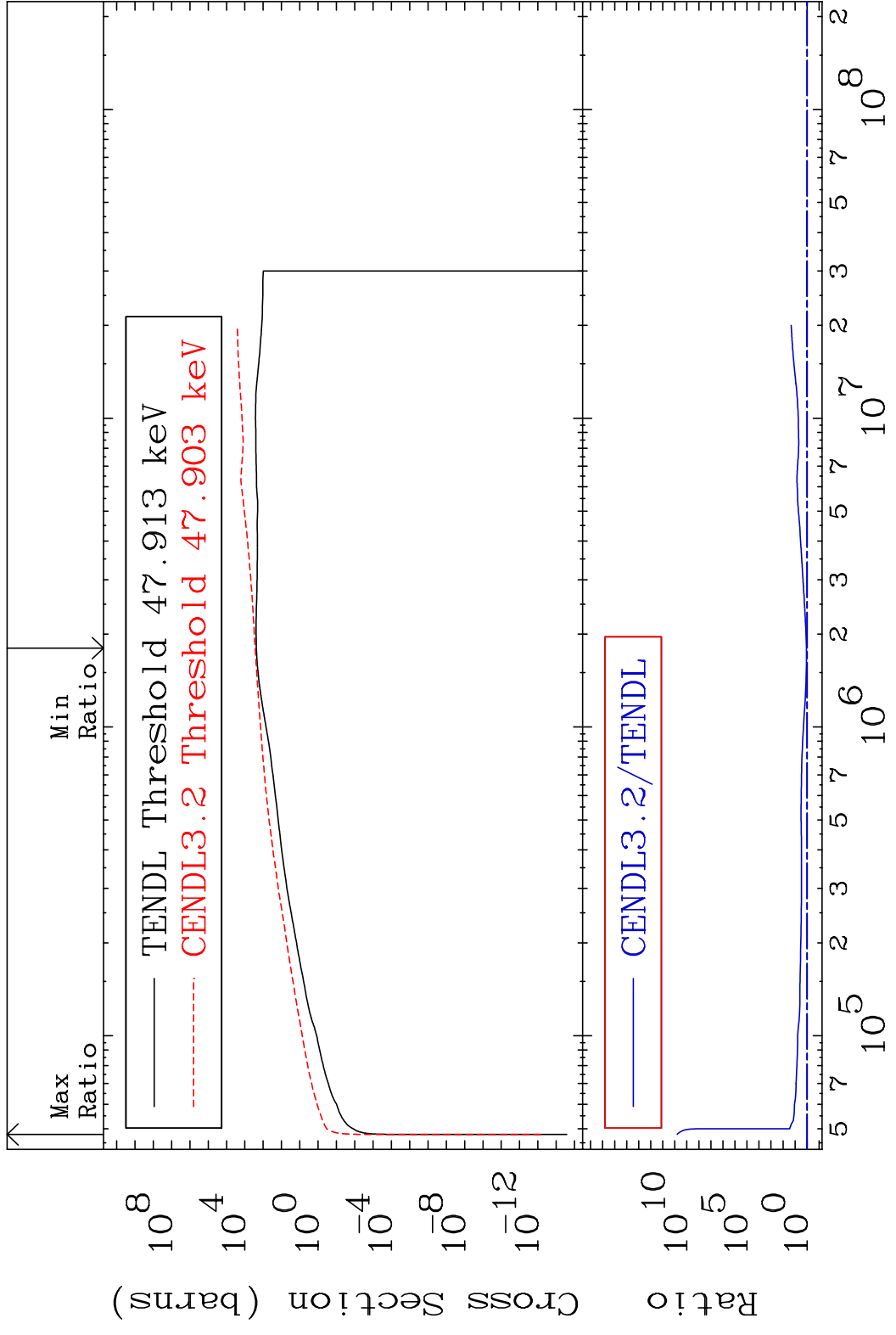
Dpa elastic (mt2)

94-Pu-237

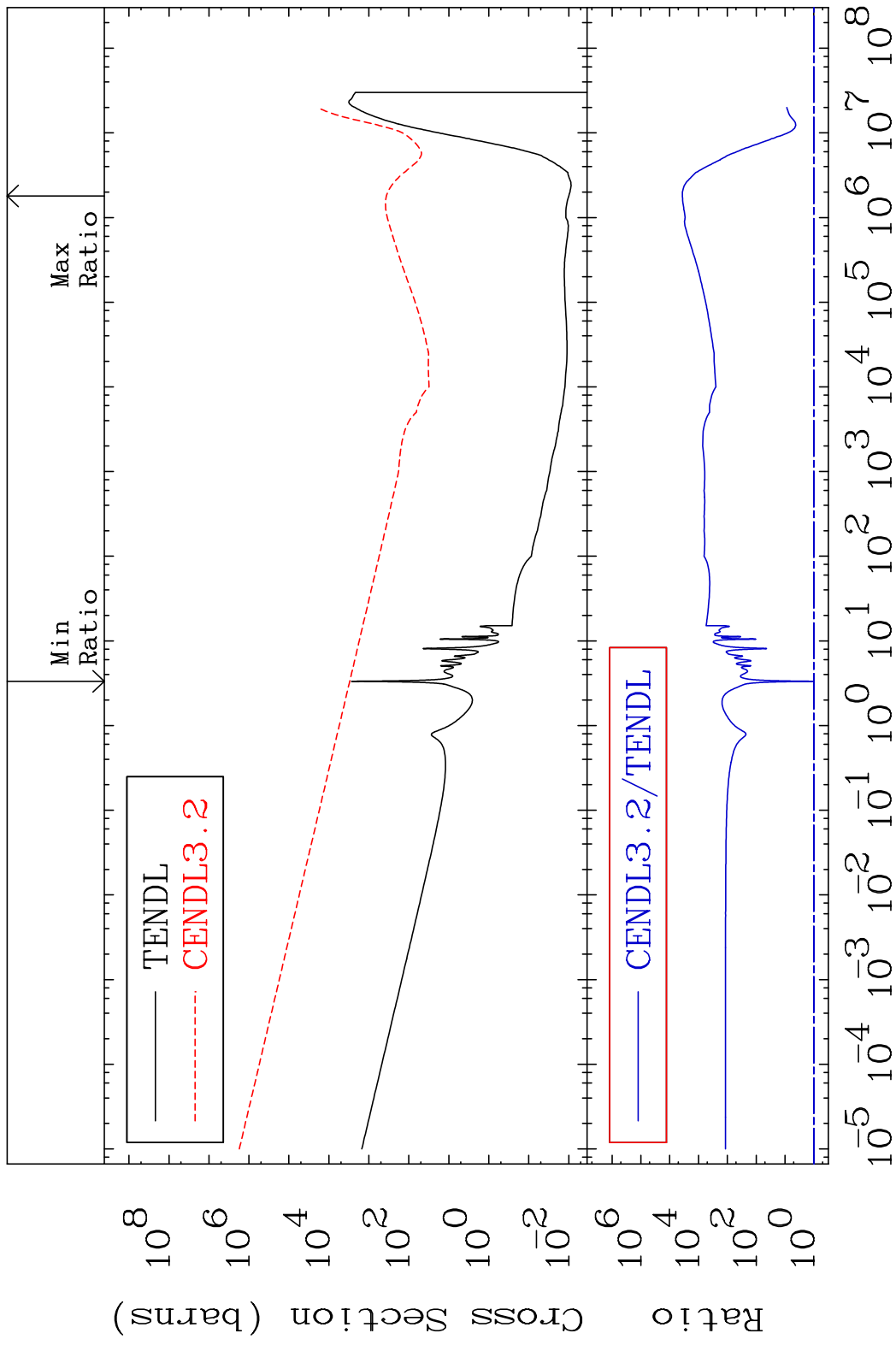
Cross Section -26.65 To 8.107 %



MAT 9431 Dpa inelastic (mt51-91) 94-Pu-237
 Cross Section 14.73 To 9999. %



MAT 9431 Dpa disappearance (mt102 -120) 94-Pu-237
 Cross Section 10.98 To 9999. %



39 Incident Energy (eV) 94-Pu-237