

Program Complot
(Version 2021-1)

by

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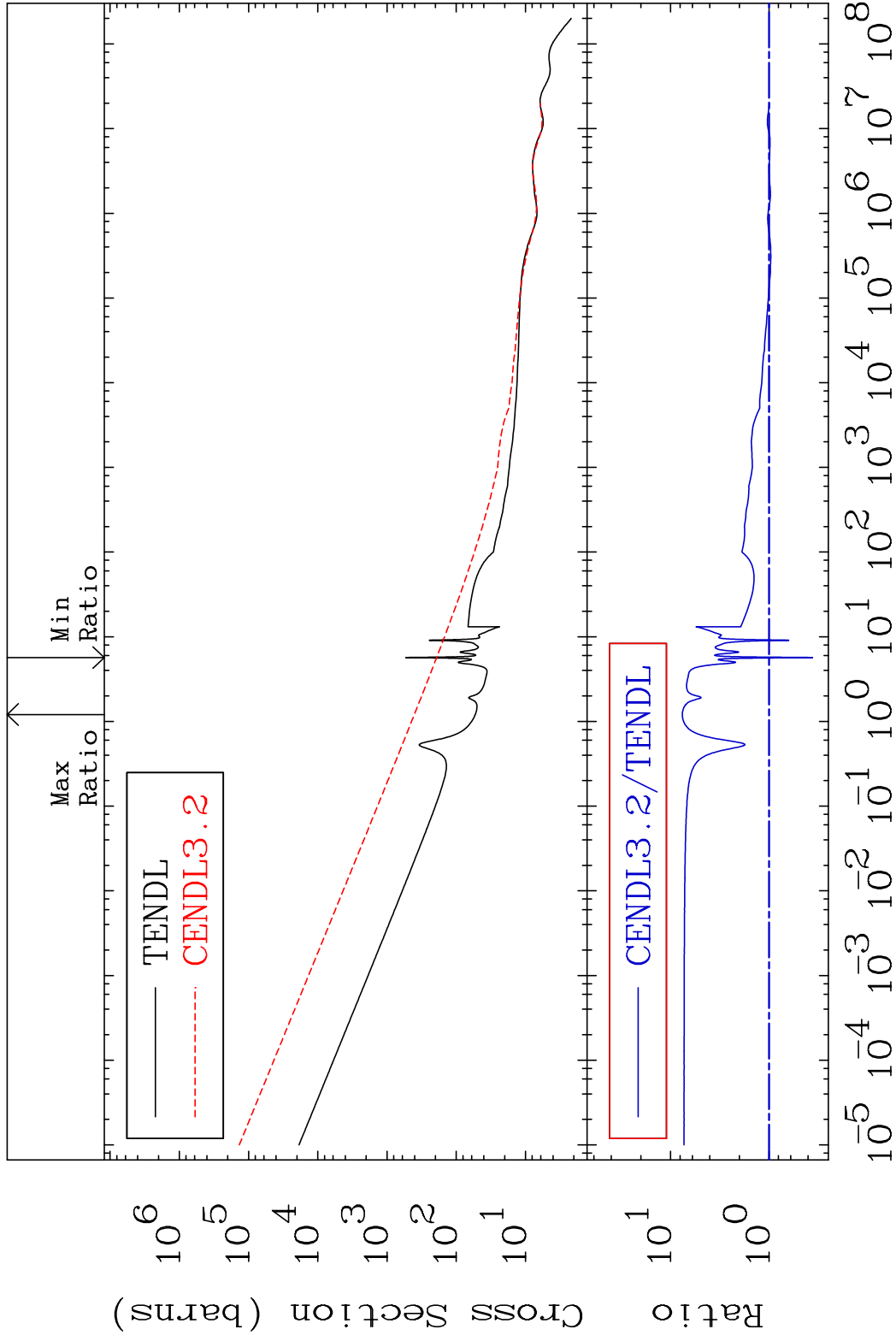
Press Mouse Button to Start

MAT 9431

94-Pu-237

Total

Cross Section -63.95 To 658.1 %



1

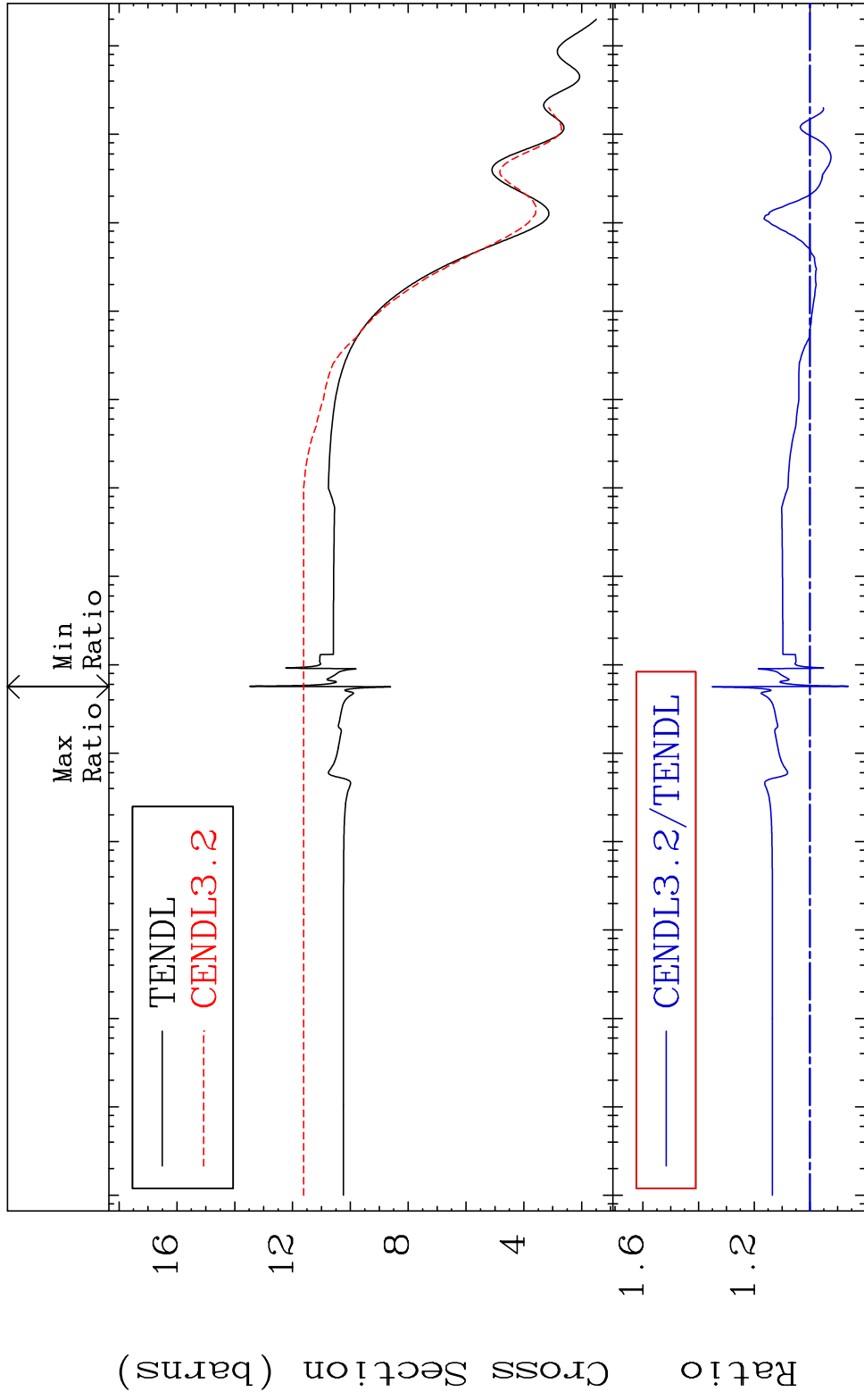
Incident Energy (eV)

94-Pu-237

MAT 9431

Elastic Cross Section -13.80 To 35.04 %

94-Pu-237



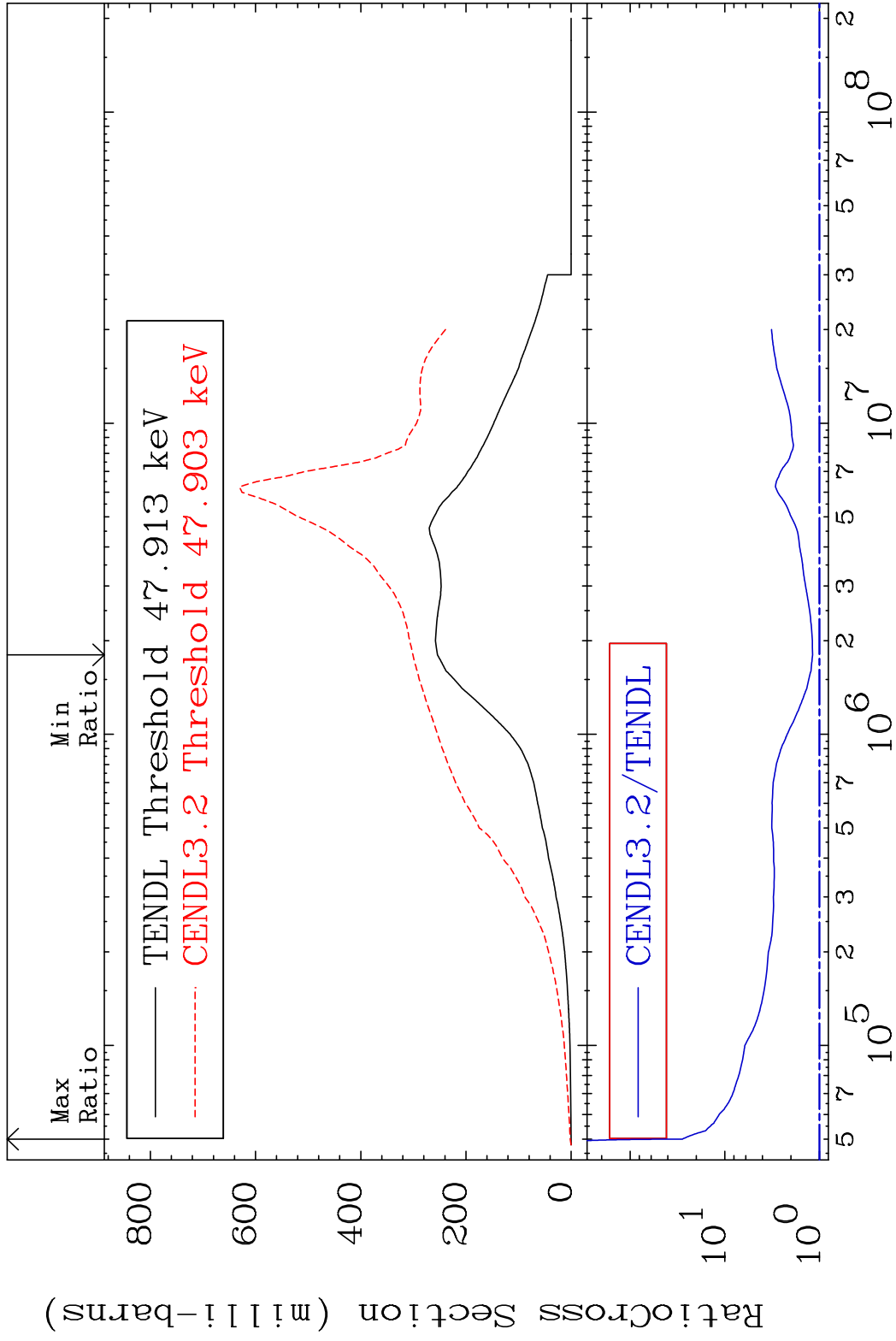
2 Incident Energy (eV) 94-Pu-237

MAT 9431

Inelastic

94-Pu-237

Cross Section 18.35 To 2705. %



3

Incident Energy (eV)

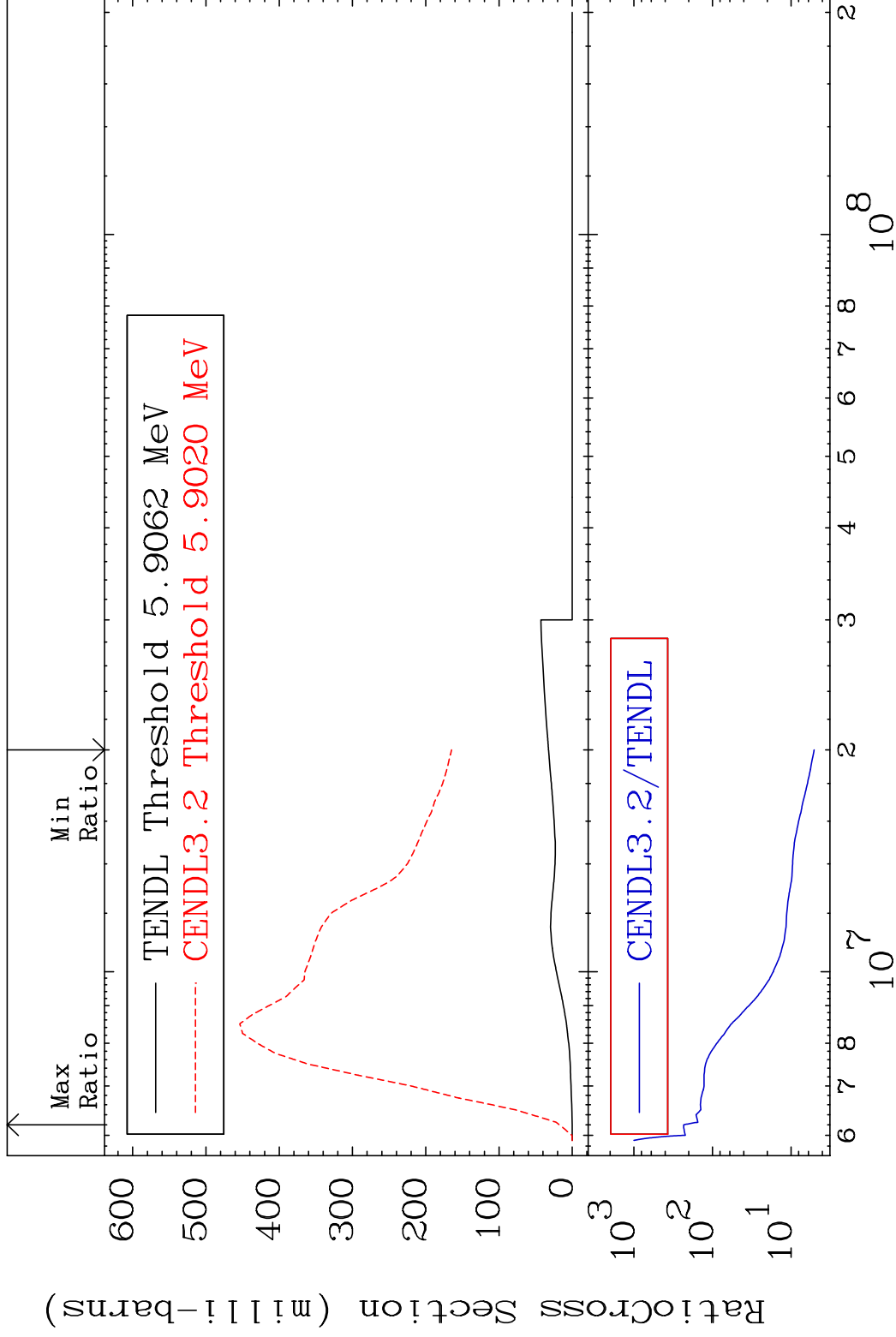
94-Pu-237

MAT 9431

(n,2n)

94-Pu-237

Cross Section 408.5 To 9999. %



4

Incident Energy (eV)

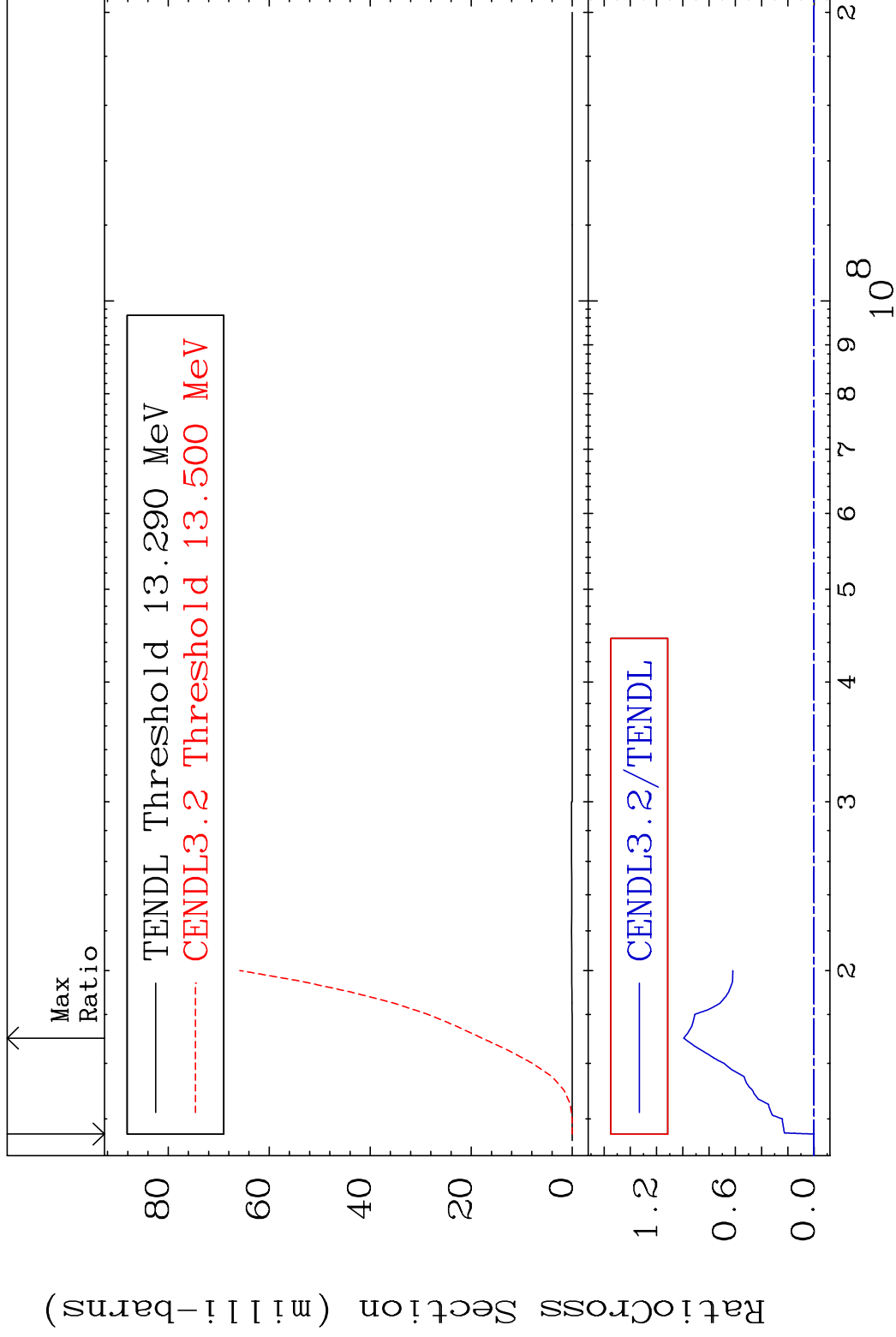
94-Pu-237

MAT 9431

(n,3n)

94-Pu-237

Cross Section -100.0 To 9999. %



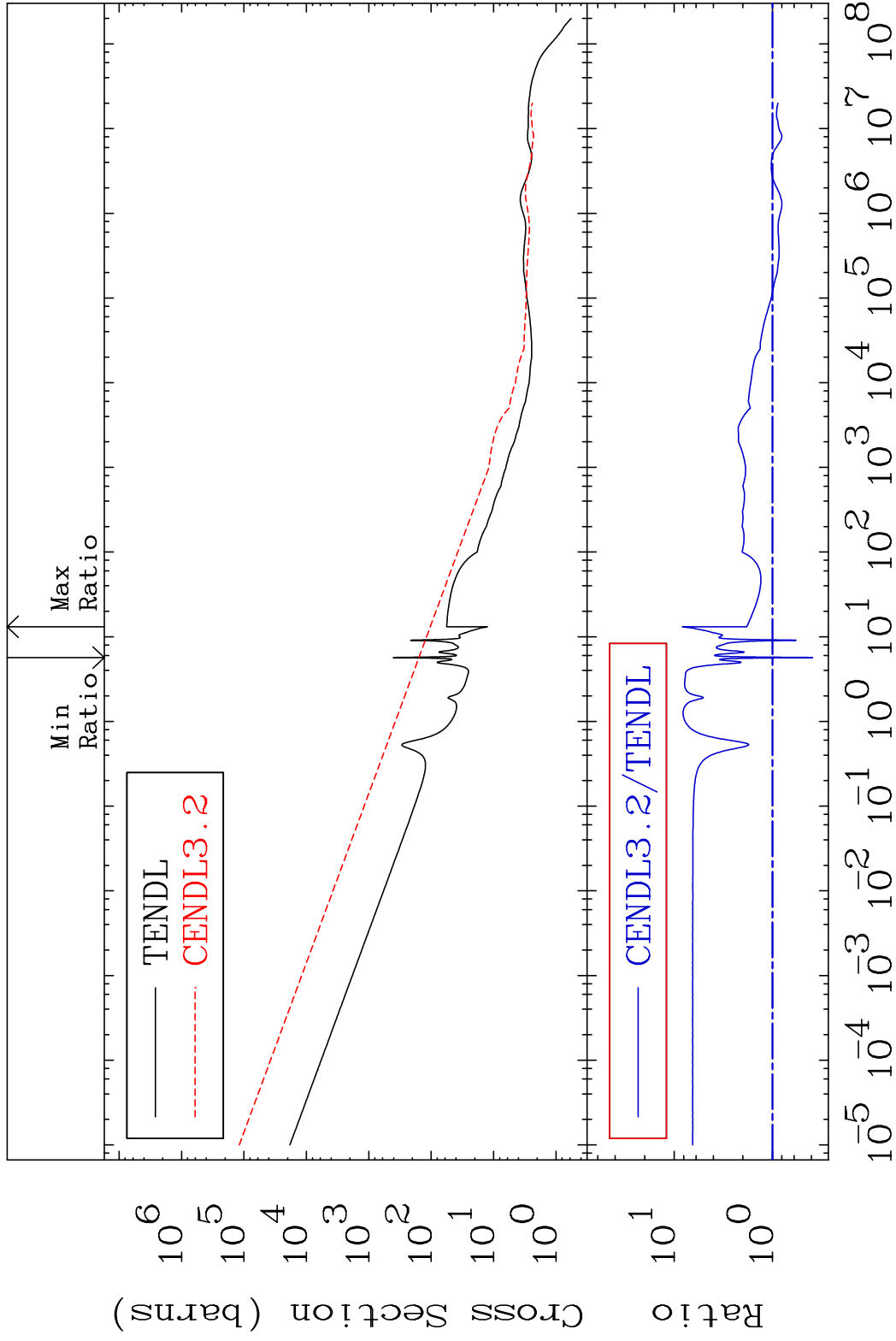
5

Incident Energy (eV)

94-Pu-237

MAT 9431

Fission Cross Section -61.01 To 726.5 %
94-Pu-237



6

Incident Energy (eV)

94-Pu-237

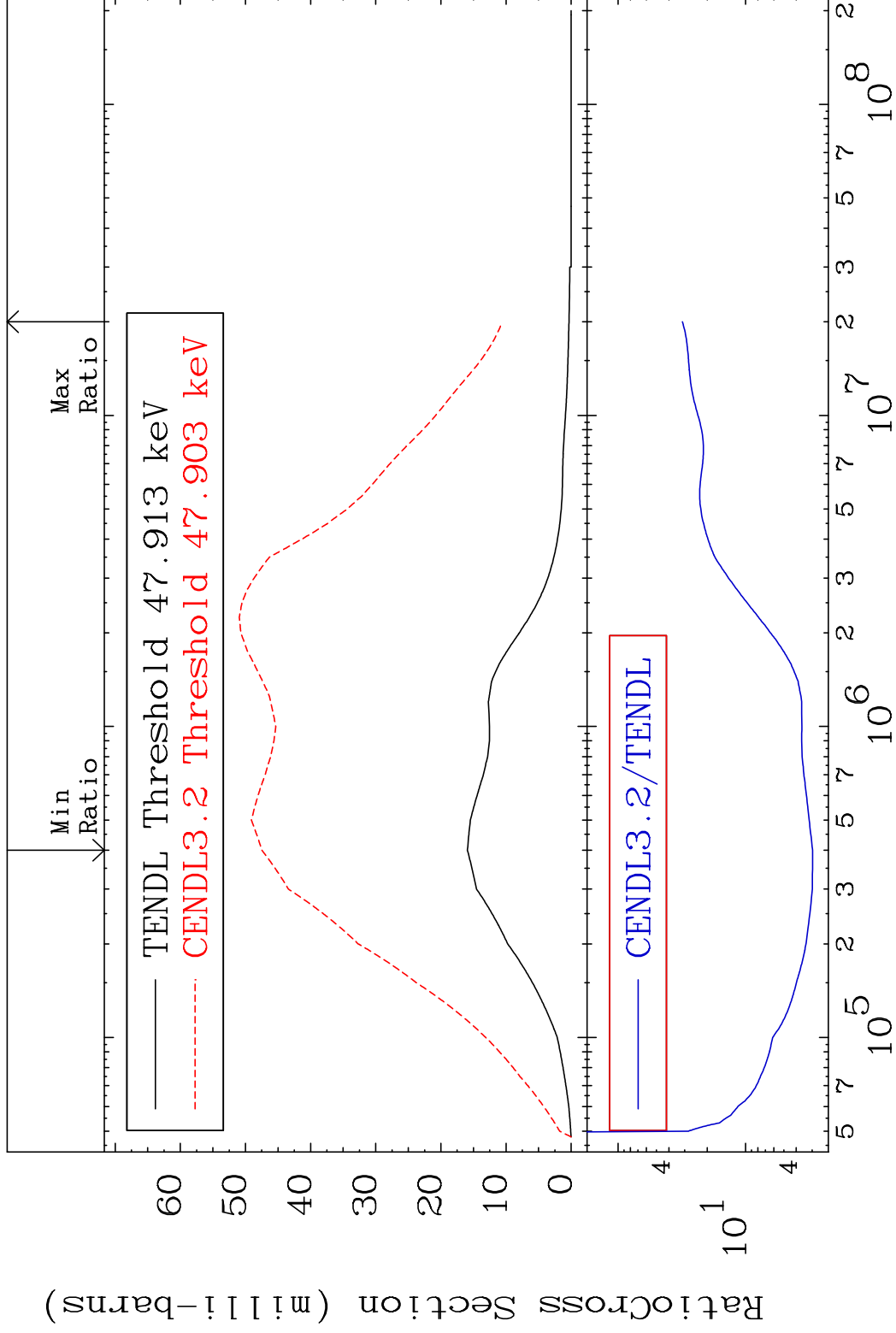
MAT 9431

MT= 51 (n, n') Level

94-Pu-237

Cross Section 198.1

To 3033. %

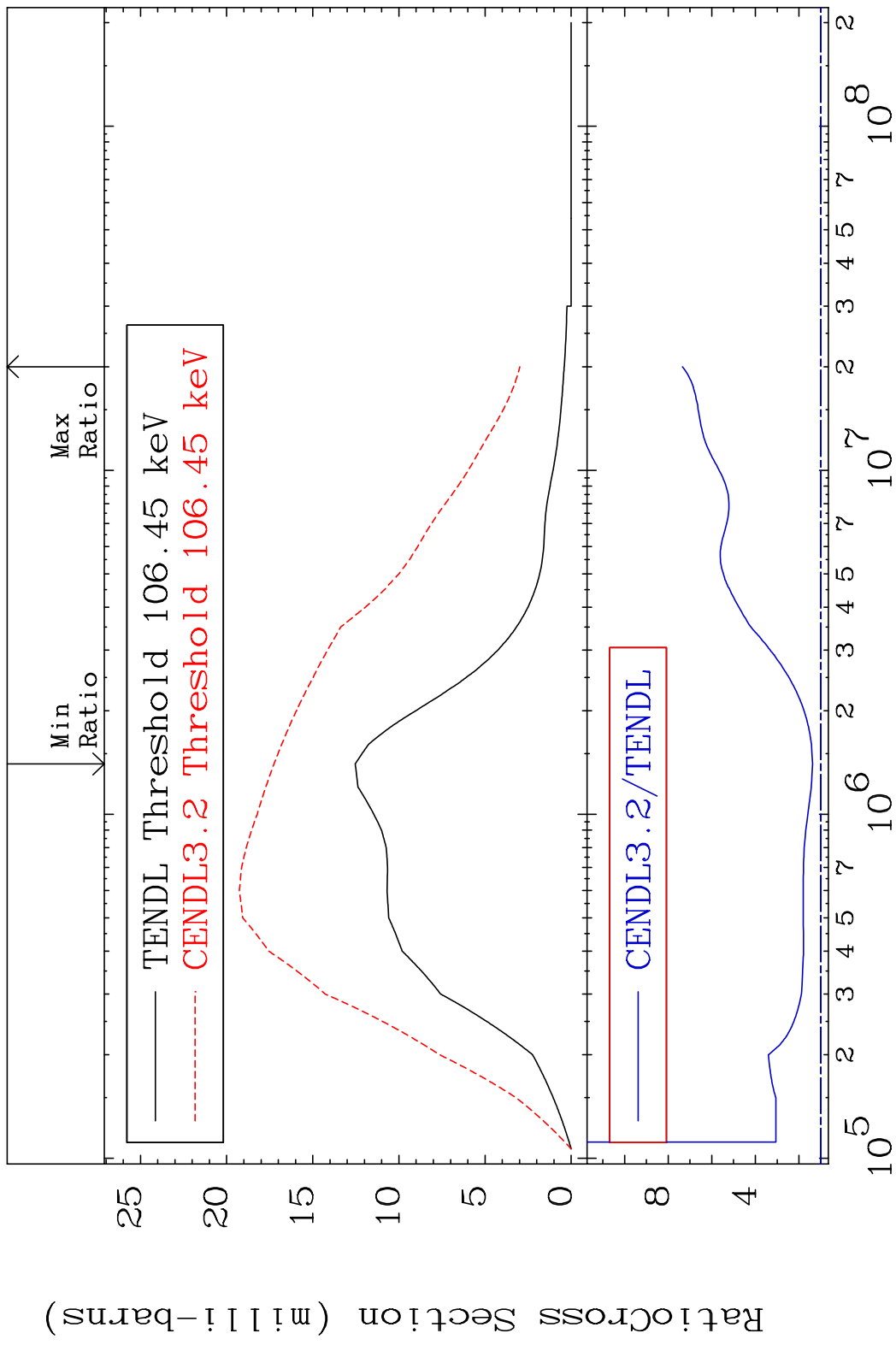


7

Incident Energy (eV)

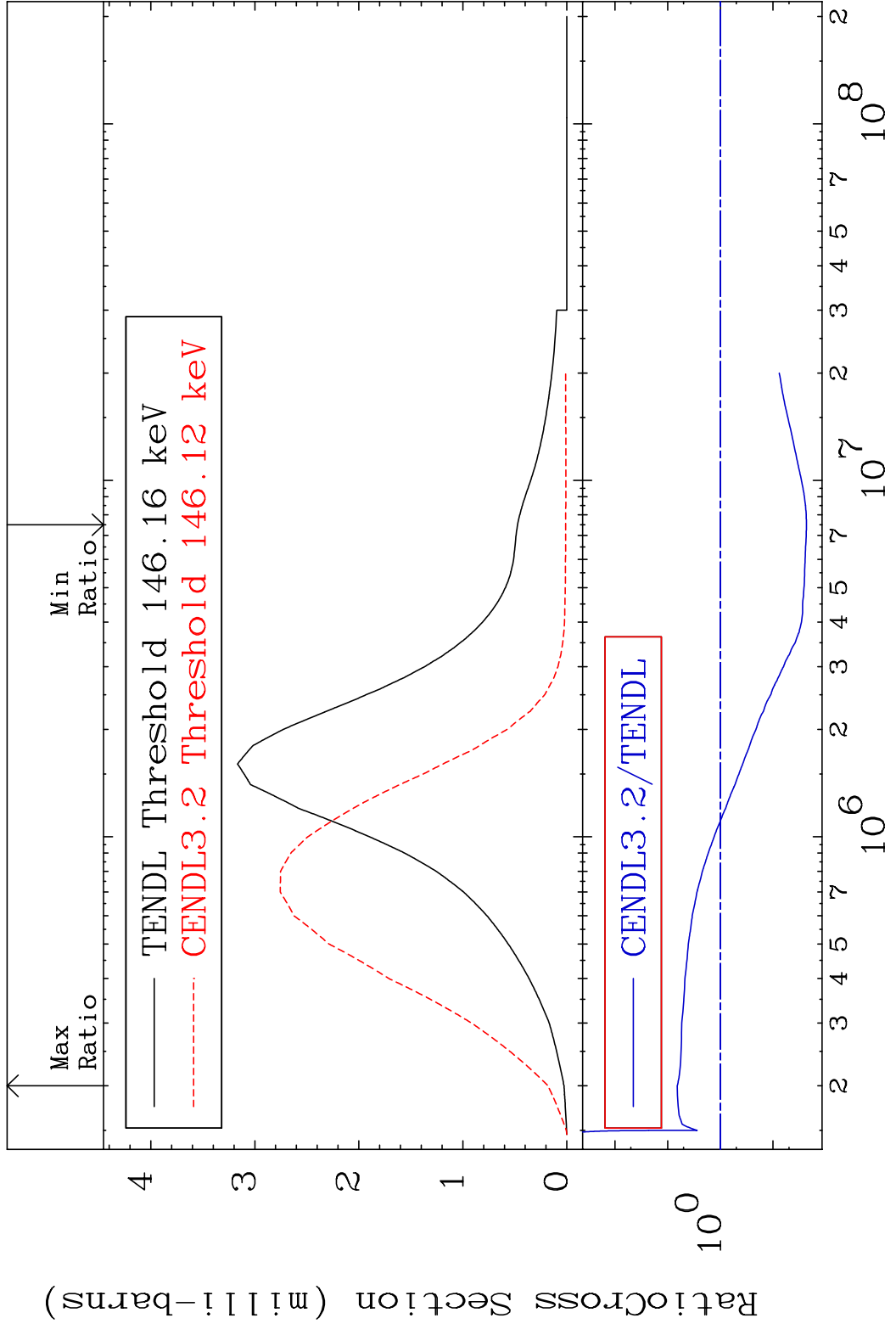
94-Pu-237

MAT 9431 MT= 52 (n, n') Level 94-Pu-237
 Cross Section 37.64 To 635.0 %

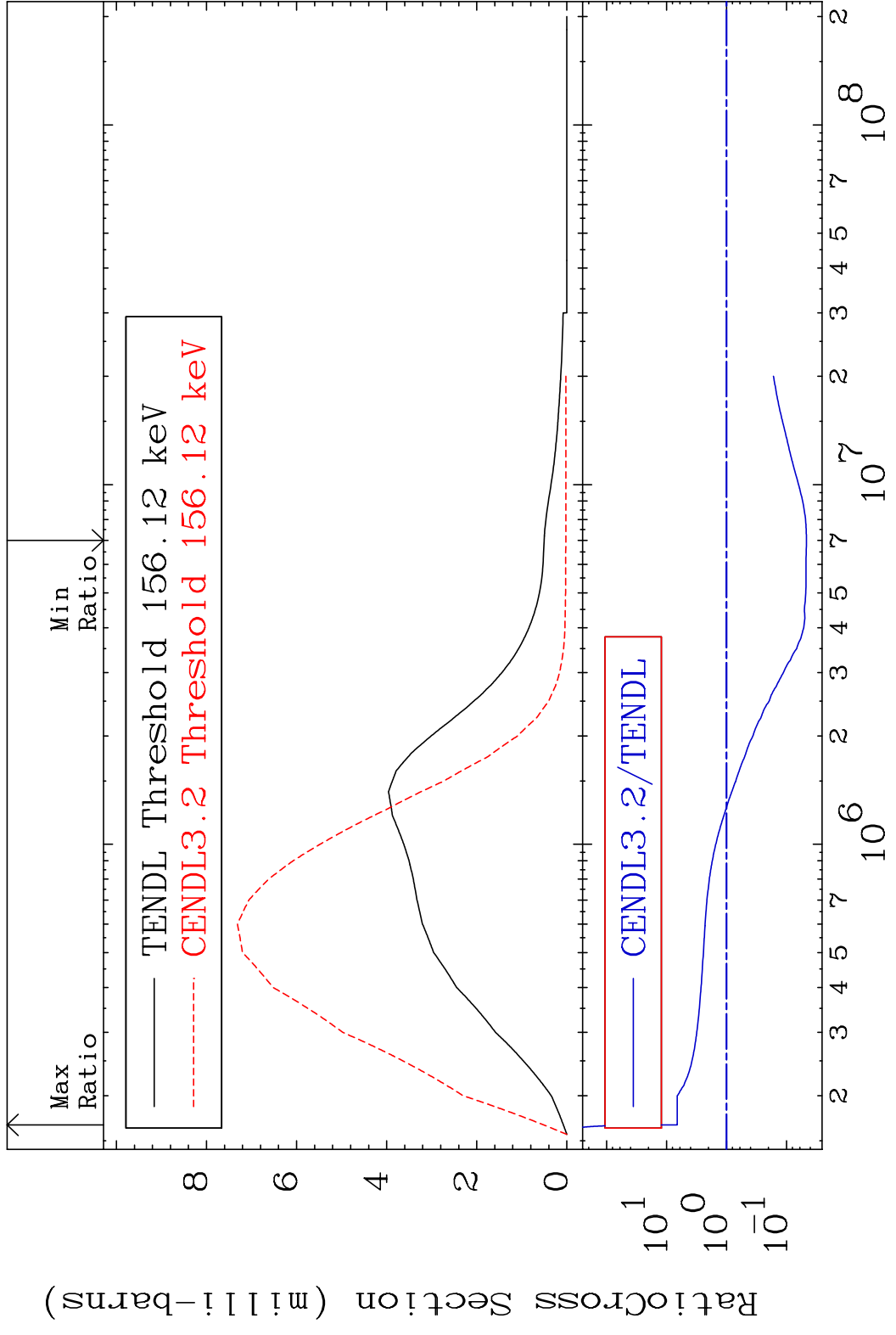


8 8 Incident Energy (eV) 94-Pu-237

MAT 9431 MT= 53 (n, n') Level 94-Pu-237
 Cross Section -97.67 To 560.2 %

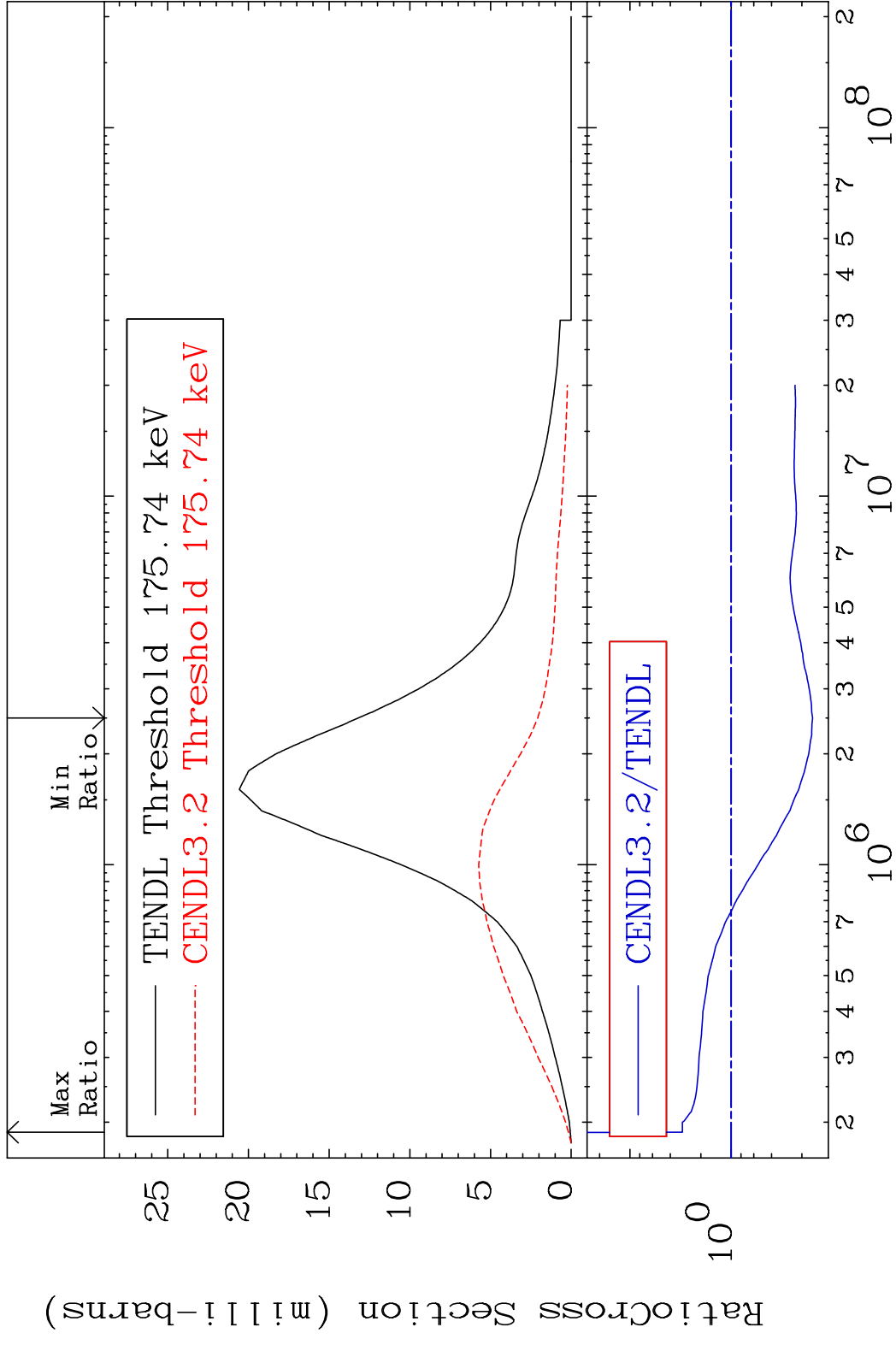


MAT 9431 MT= 54 (n, n') Level 94-Pu-237
 Cross Section -95.33 To 566.7 %

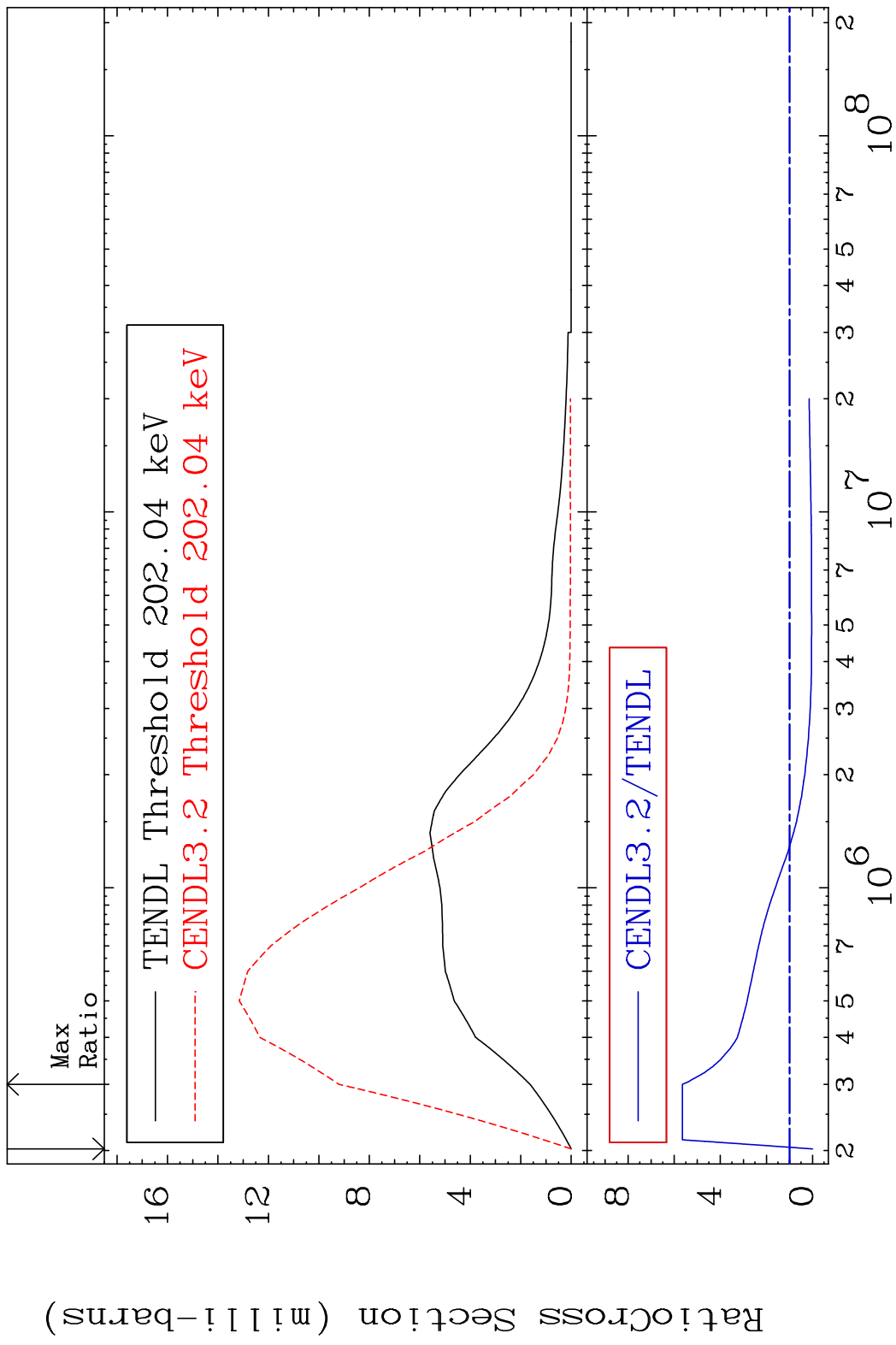


10 Incident Energy (eV) 94-Pu-237

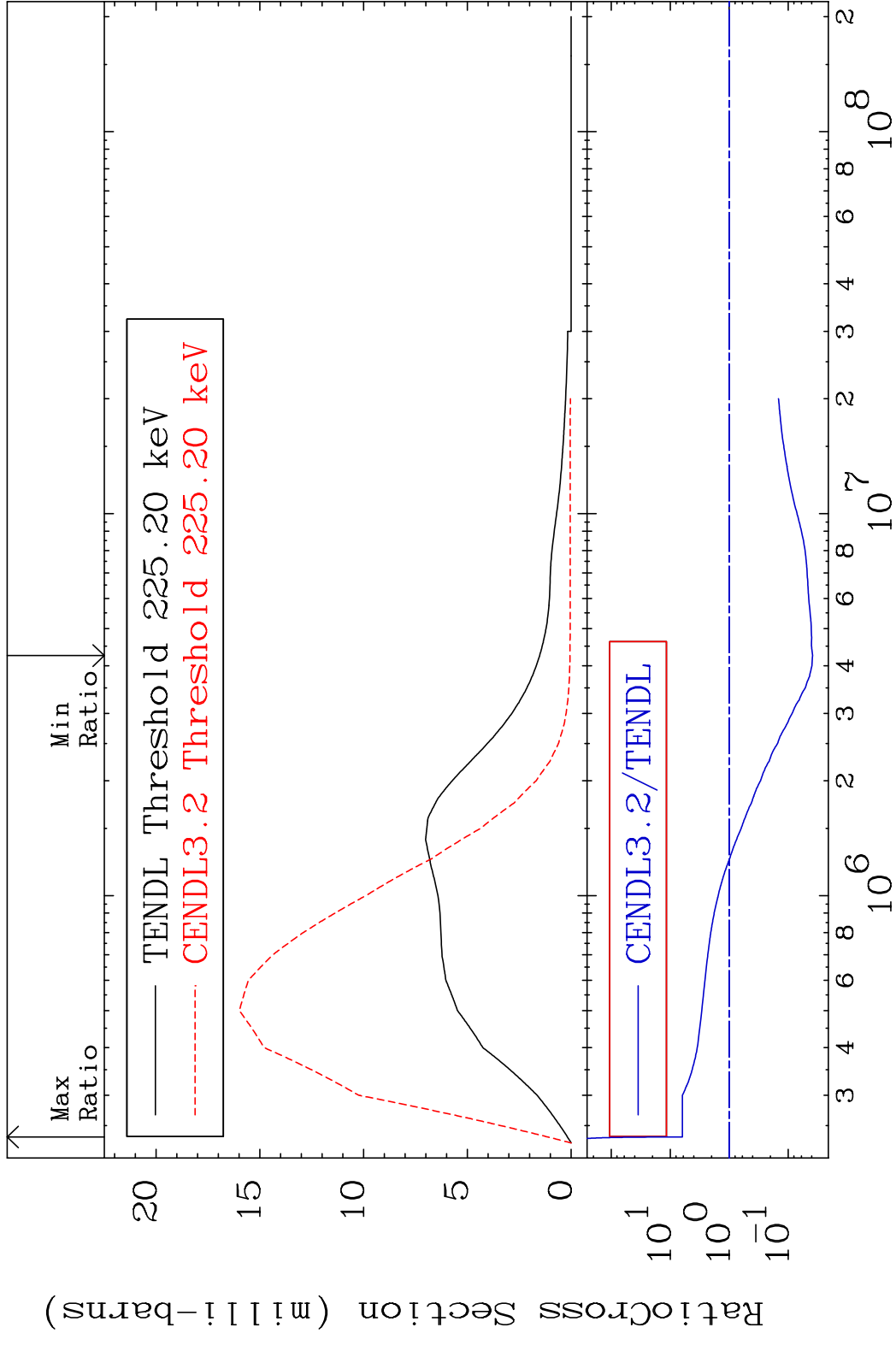
MAT 9431 MT= 55 (n,n') Level 94-Pu-237
 Cross Section -84.29 To 204.1 %



MAT 9431 MT= 56 (n,n') Level 94-Pu-237
 Cross Section -100.0 To 464.8 %



MAT 9431 MT= 57 (n,n') Level 94-Pu-237
 Cross Section -96.13 To 523.5 %

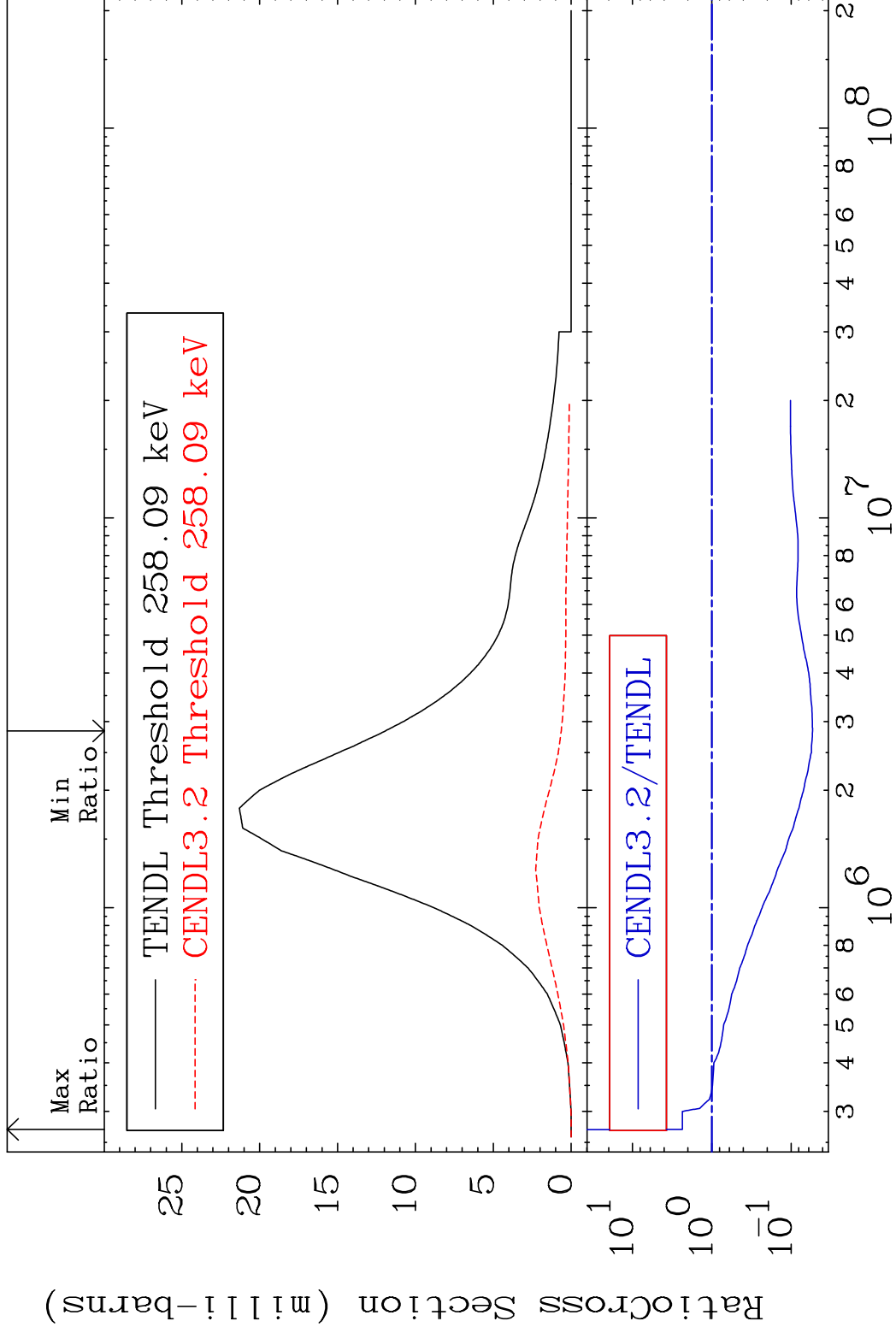


MAT 9431

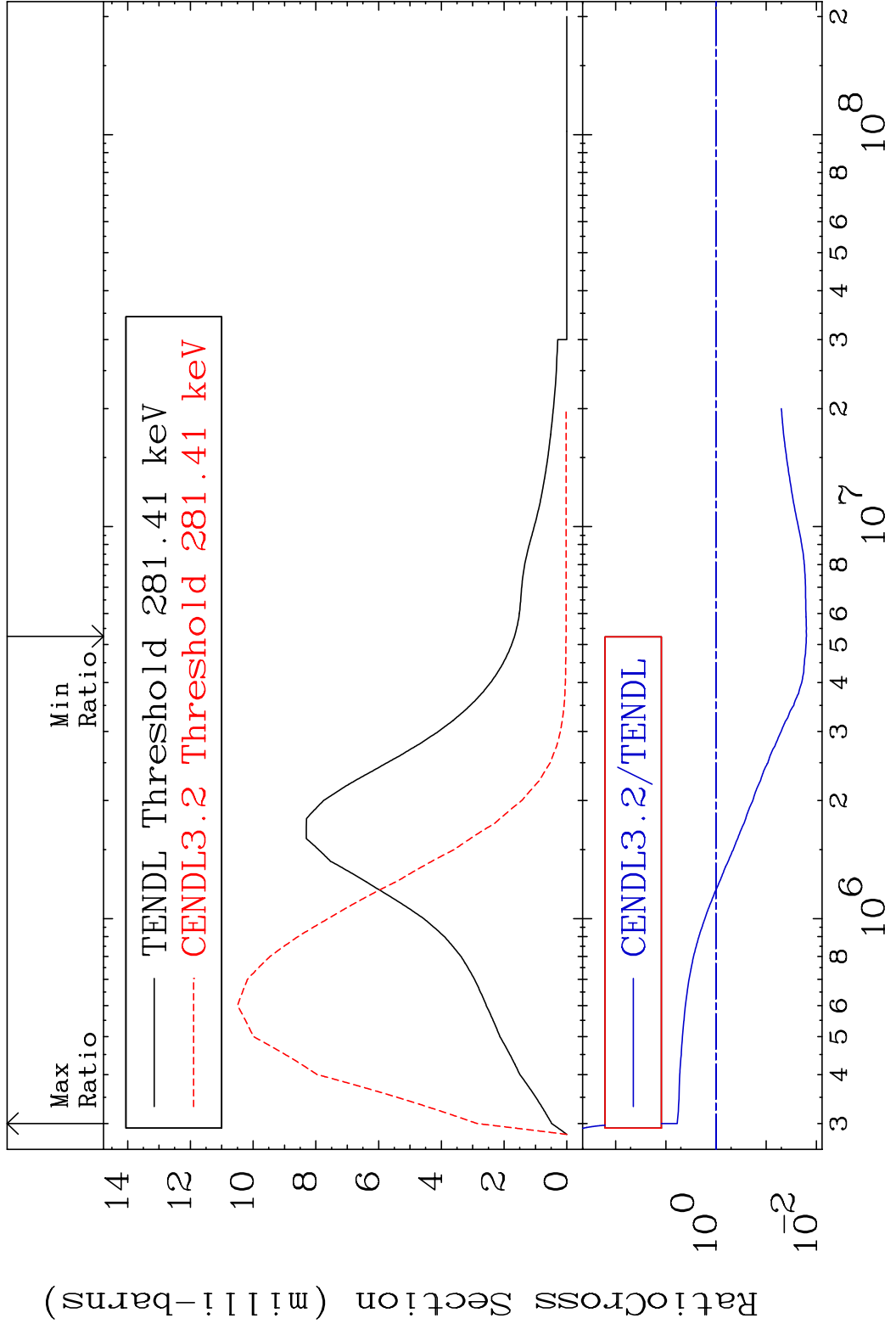
MT= 58 (n,n') Level

94-Pu-237

Cross Section -94.64 To 135.4 %



MAT 9431 MT= 59 (n,n') Level 94-Pu-237
 Cross Section -98.41 To 493.5 %

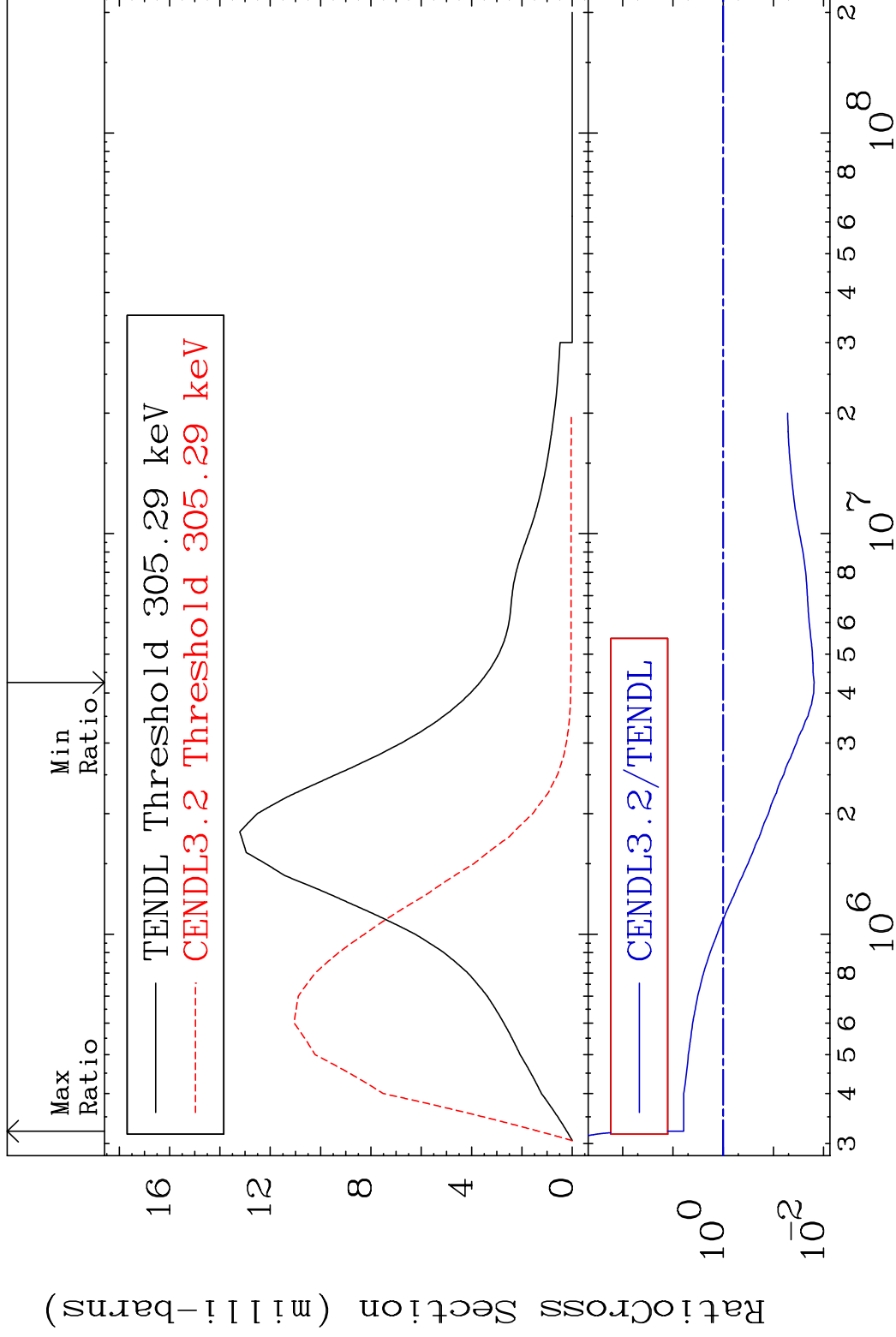


MAT 9431

MT= 60 (n,n') Level

94-Pu-237

Cross Section -98.45 To 512.7 %

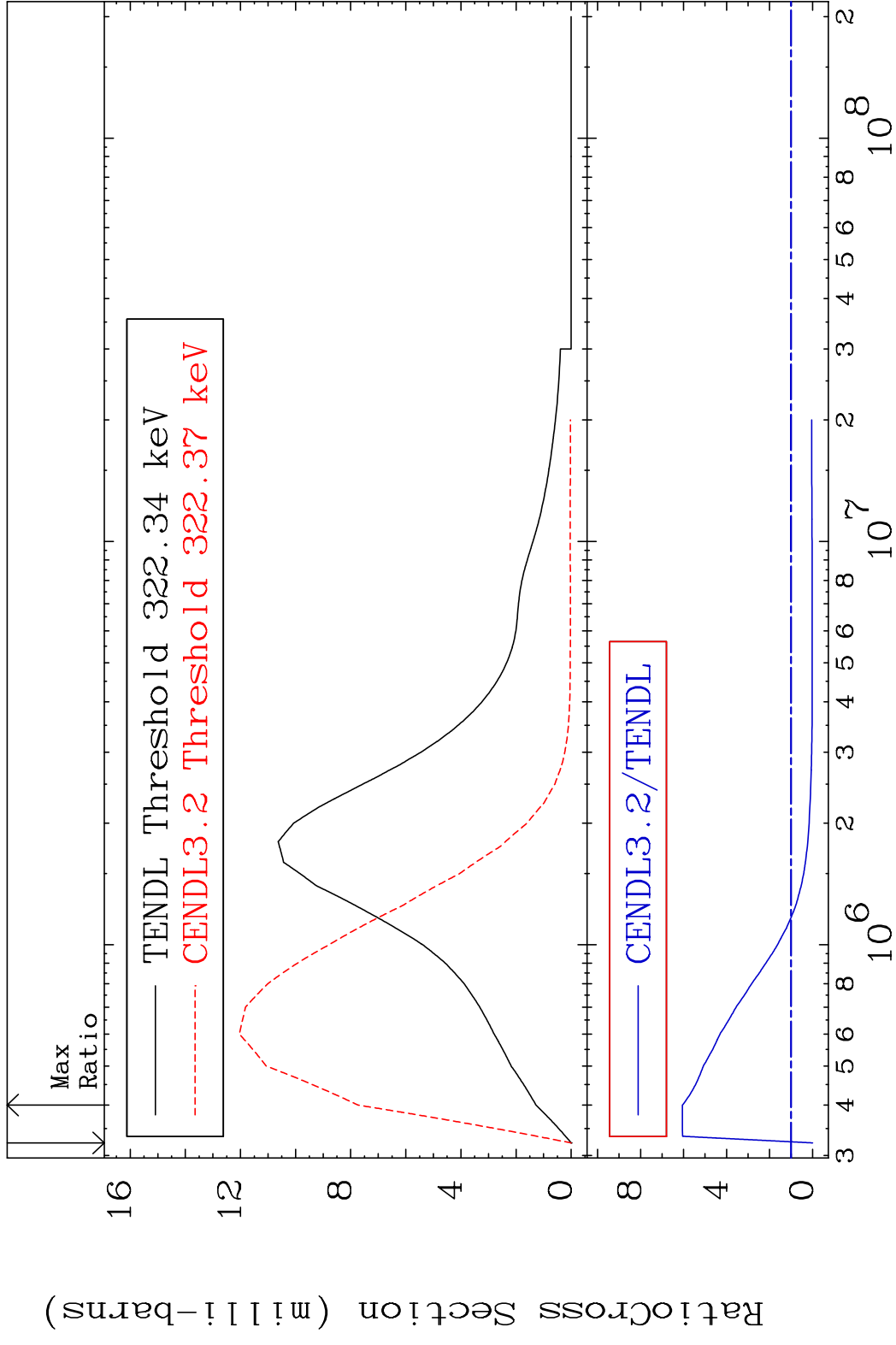


16

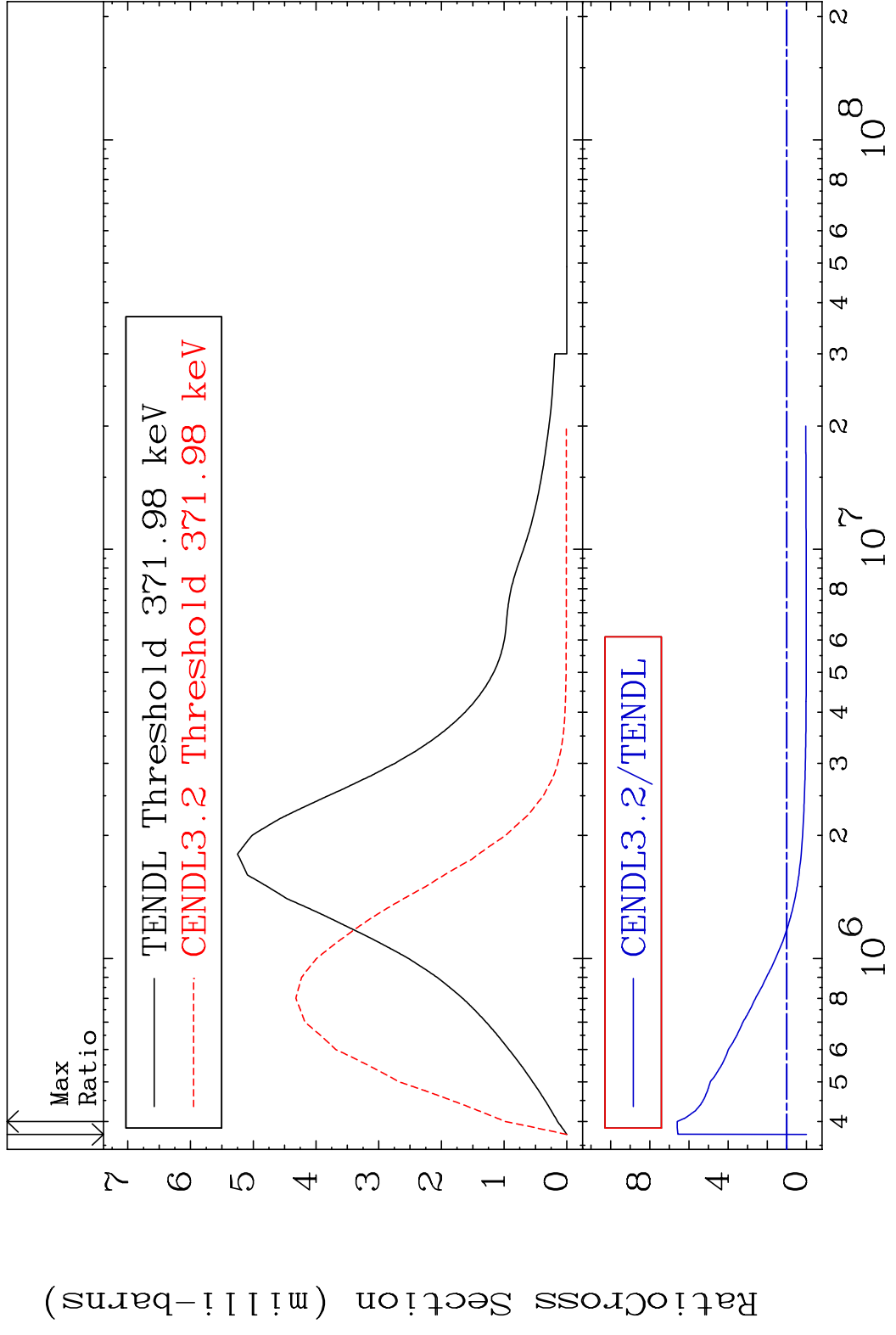
Incident Energy (eV)

94-Pu-237

MAT 9431 MT= 61 (n,n') Level 94-Pu-237
 Cross Section -100.0 To 505.6 %



MAT 9431 MT= 62 (n,n') Level 94-Pu-237
 Cross Section -100.0 To 559.9 %

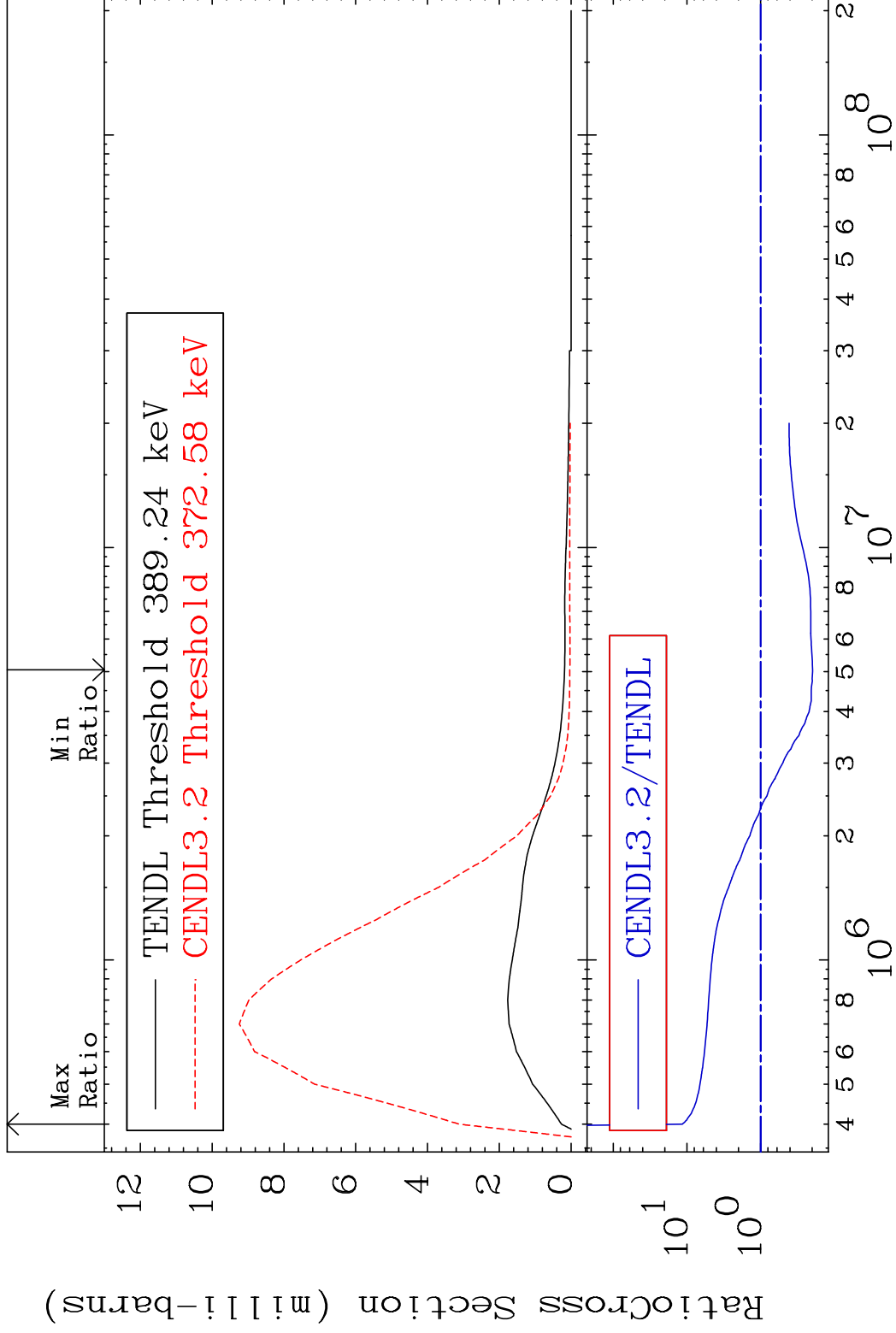


MAT 9431

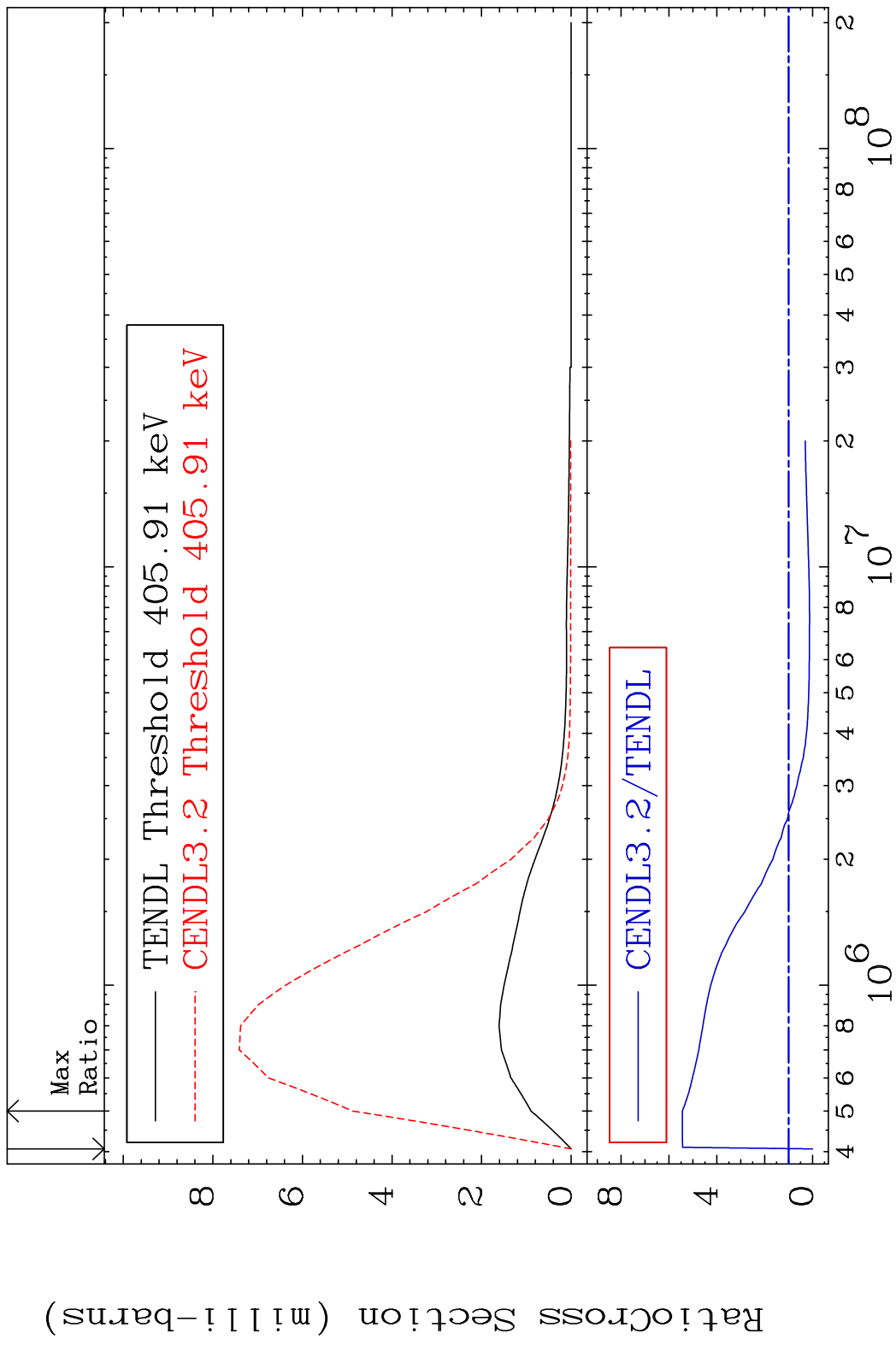
MT= 63 (n,n') Level

94-Pu-237

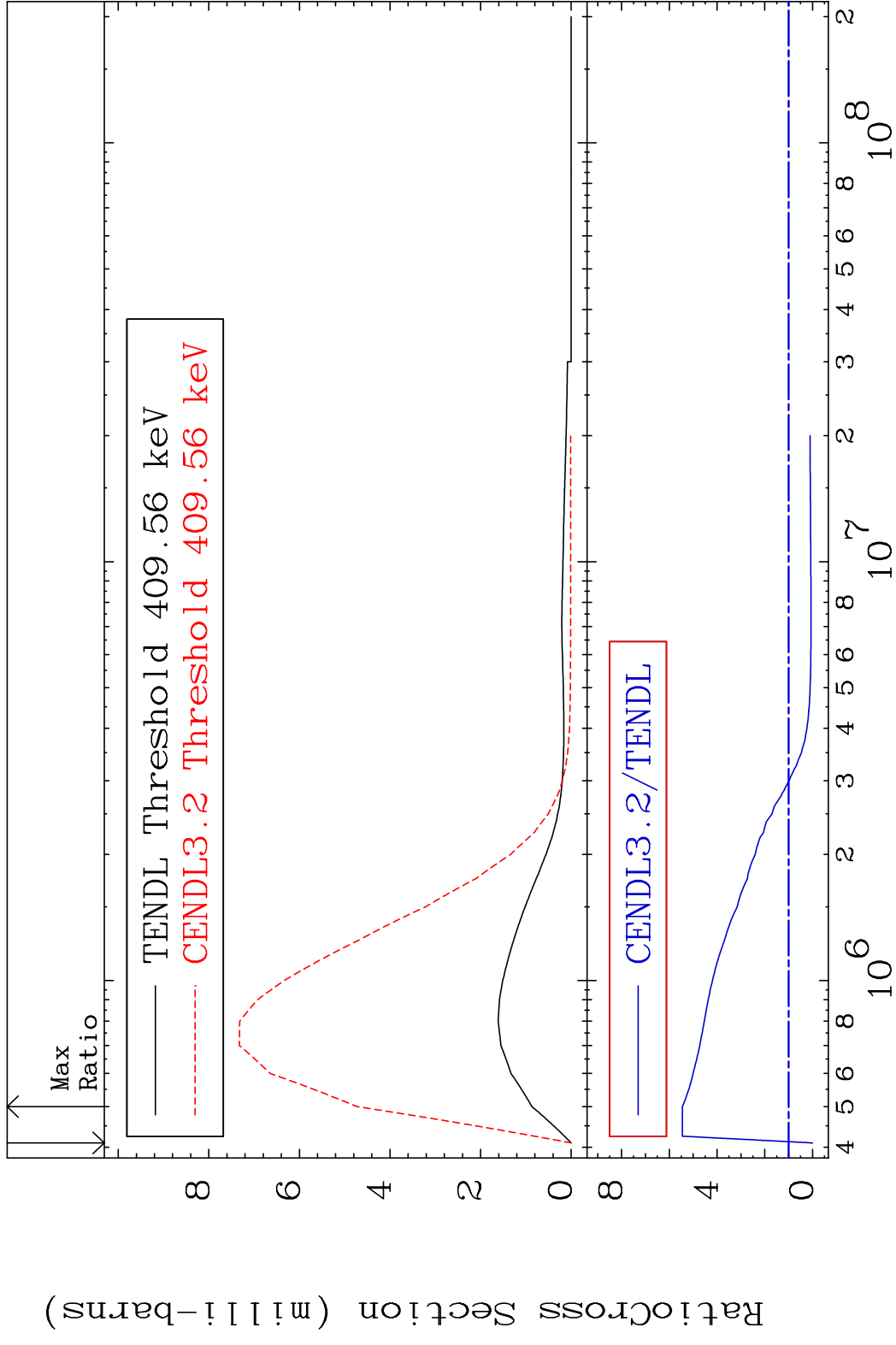
Cross Section -80.21 To 1056. %



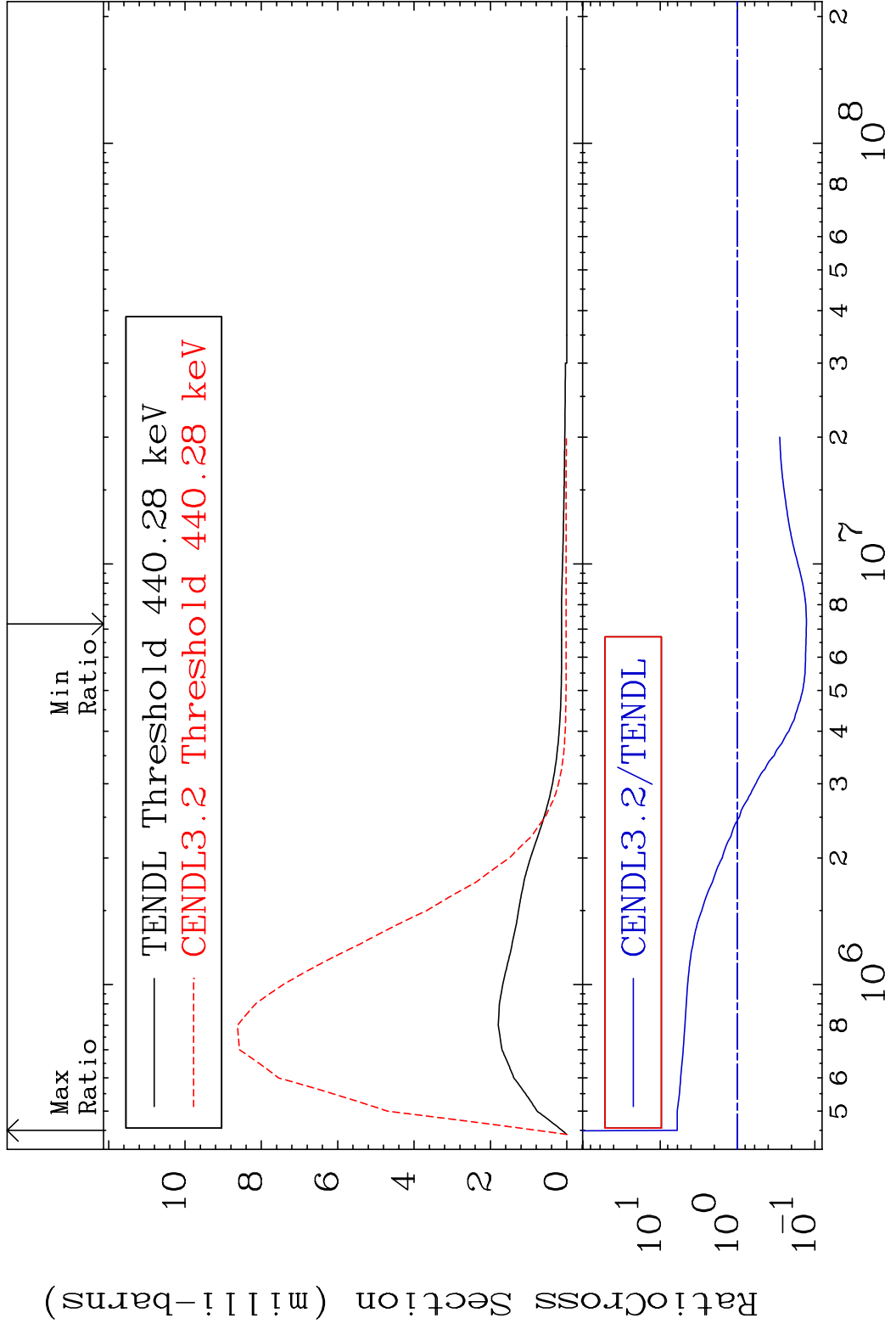
MAT 9431 MT= 64 (n,n') Level 94-Pu-237
 Cross Section -100.0 To 444.2 %



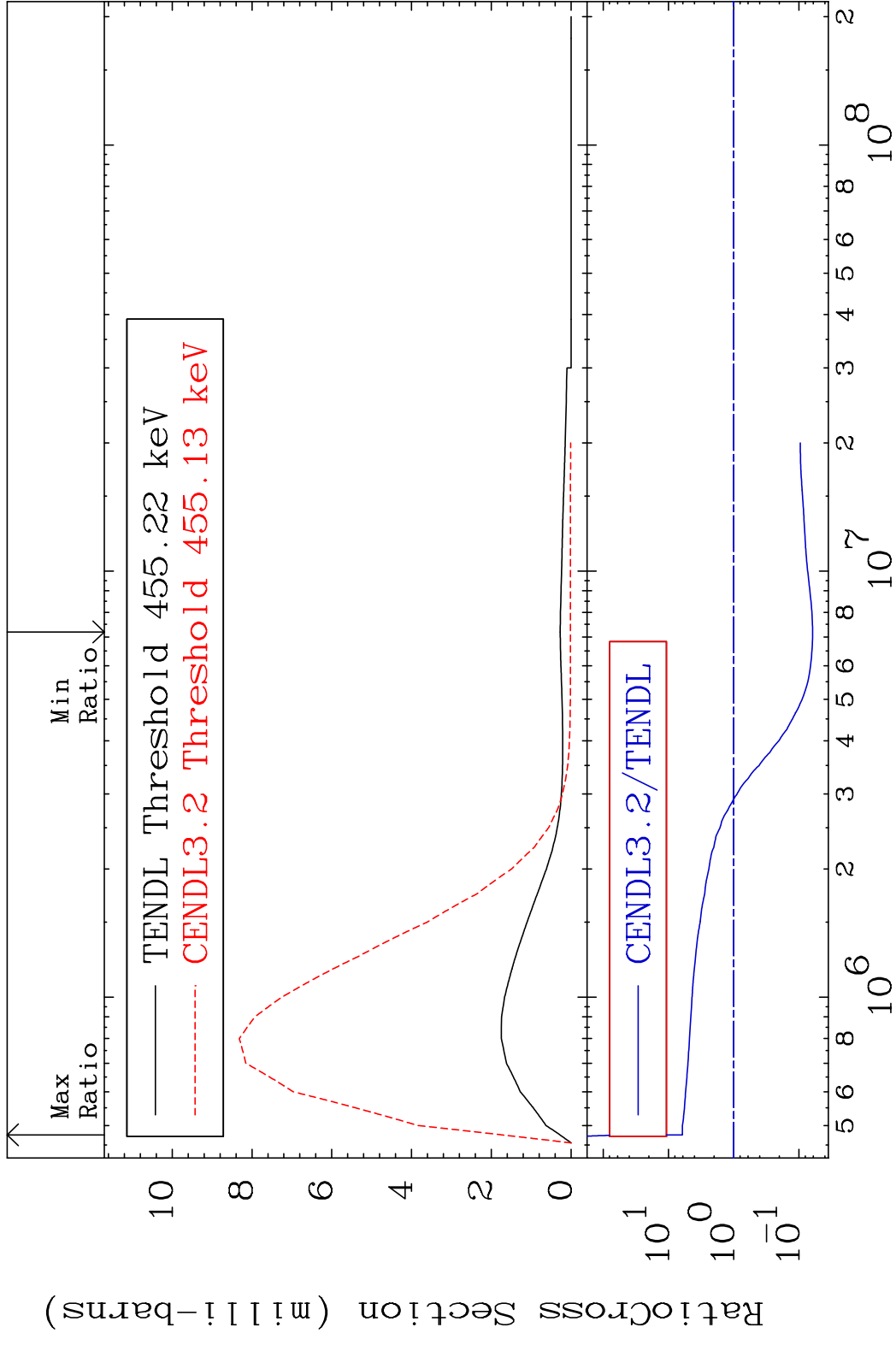
MAT 9431 MT= 65 (n,n') Level 94-Pu-237
 Cross Section -100.0 To 445.5 %



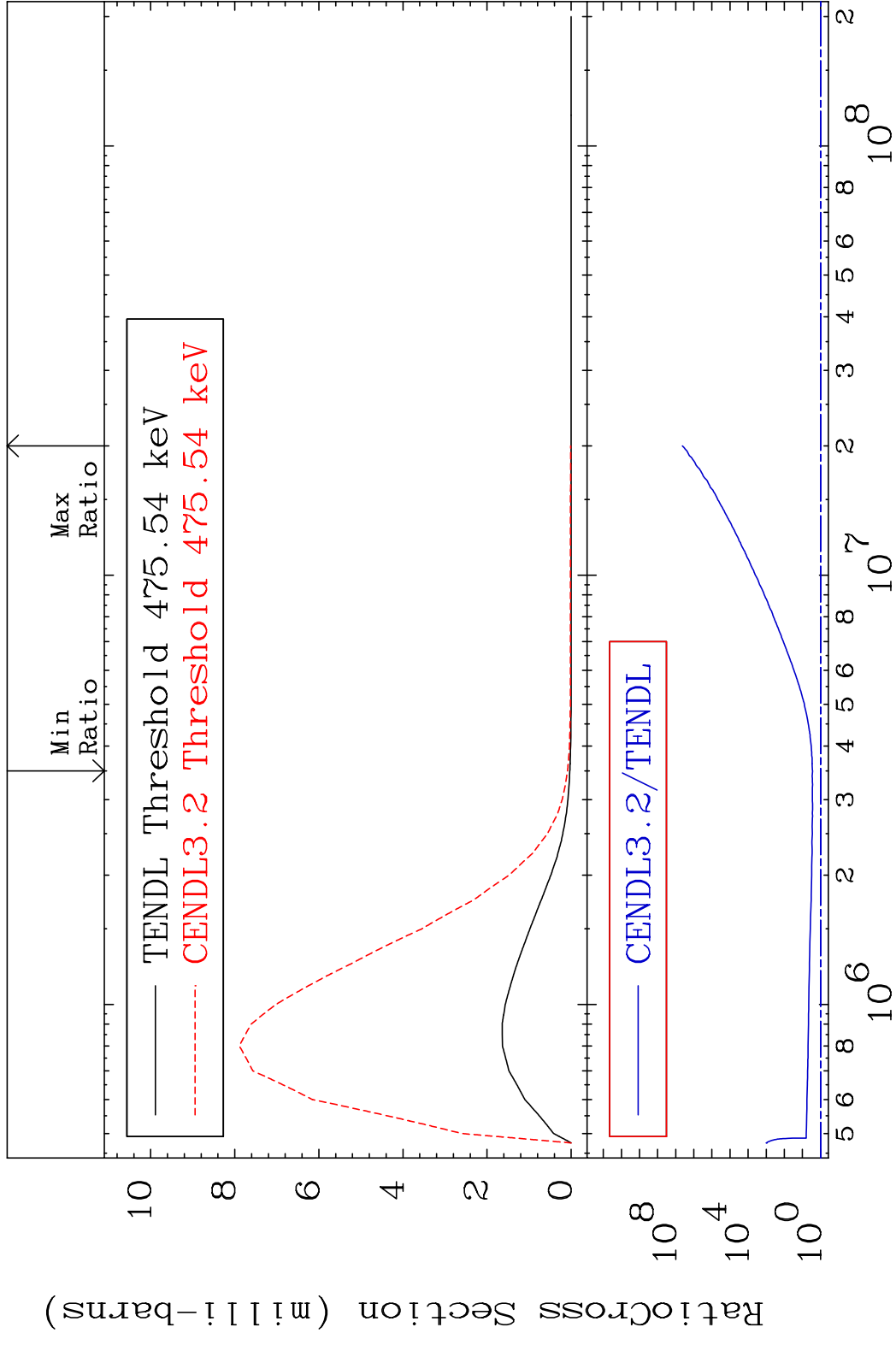
MAT 9431 MT= 66 (n,n') Level 94-Pu-237
 Cross Section -87.15 To 503.5 %



MAT 9431 MT= 67 (n, n') Level 94-Pu-237
 Cross Section -93.82 To 511.8 %

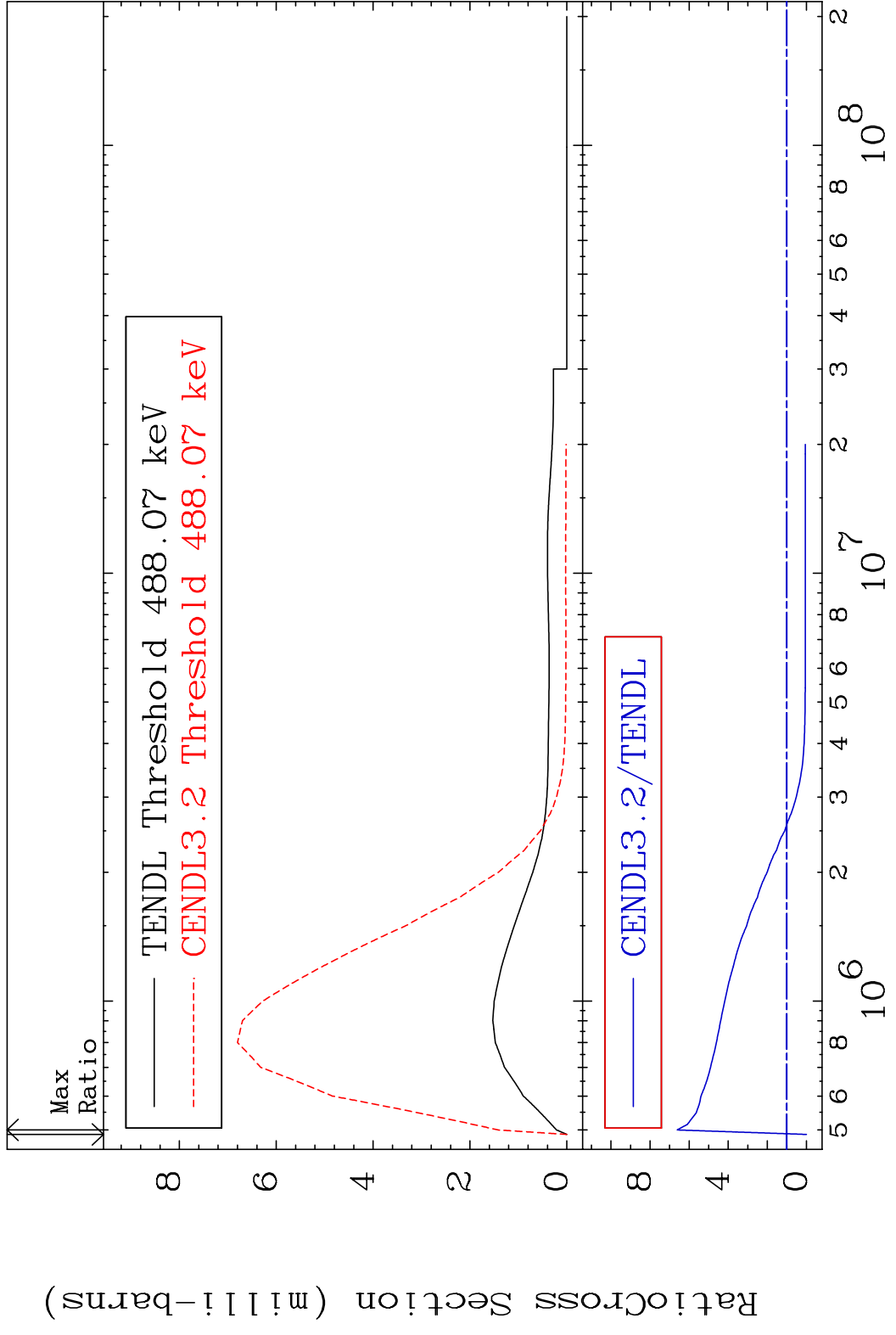


MAT 9431 MT= 68 (n, n') Level 94-Pu-237
 Cross Section 175.5 To 9999. %



24 Incident Energy (eV) 94-Pu-237

MAT 9431 MT= 69 (n, n') Level 94-Pu-237
 Cross Section -100.0 To 561.3 %

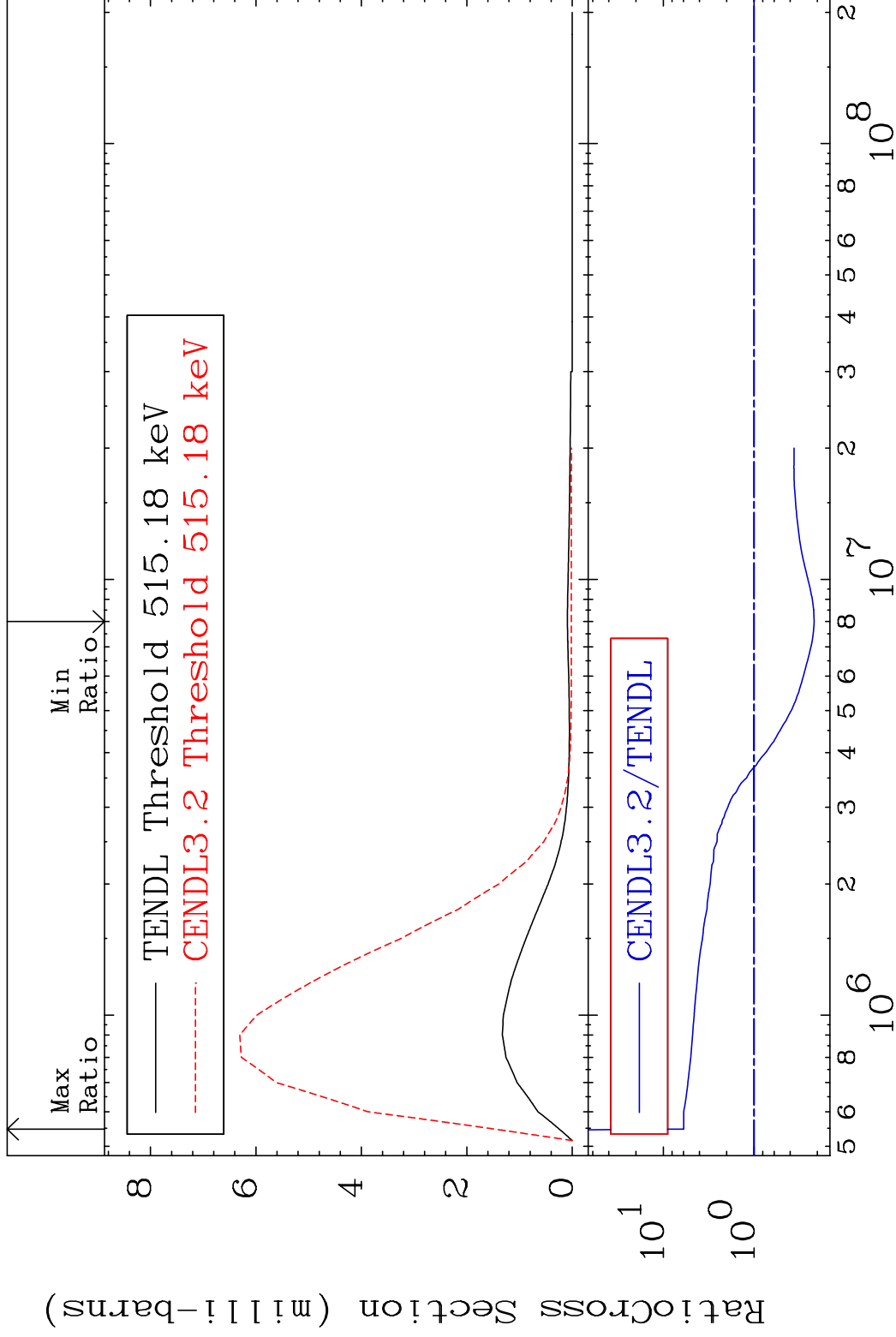


MAT 9431

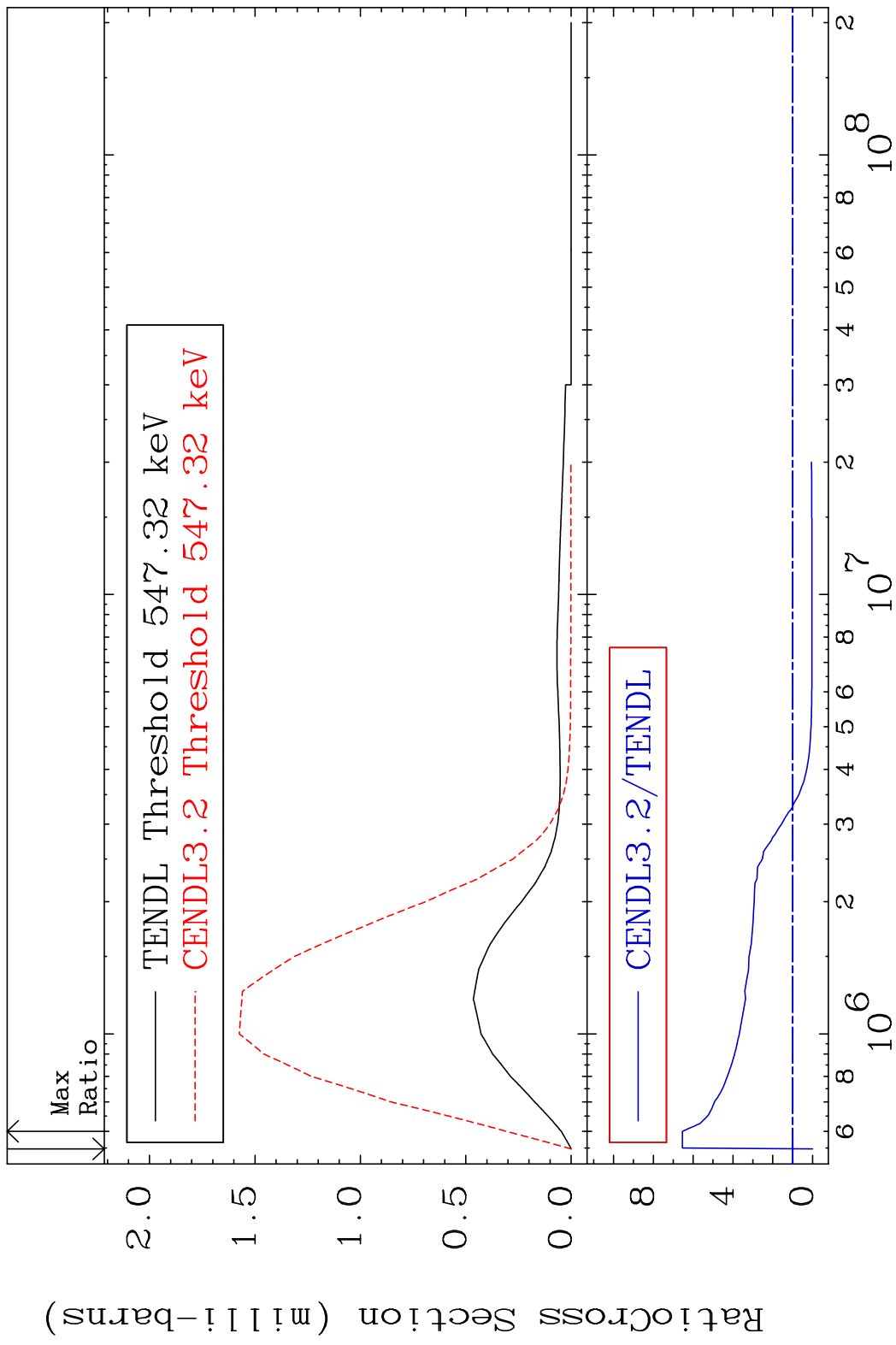
MT= 70 (n, n') Level

94-Pu-237

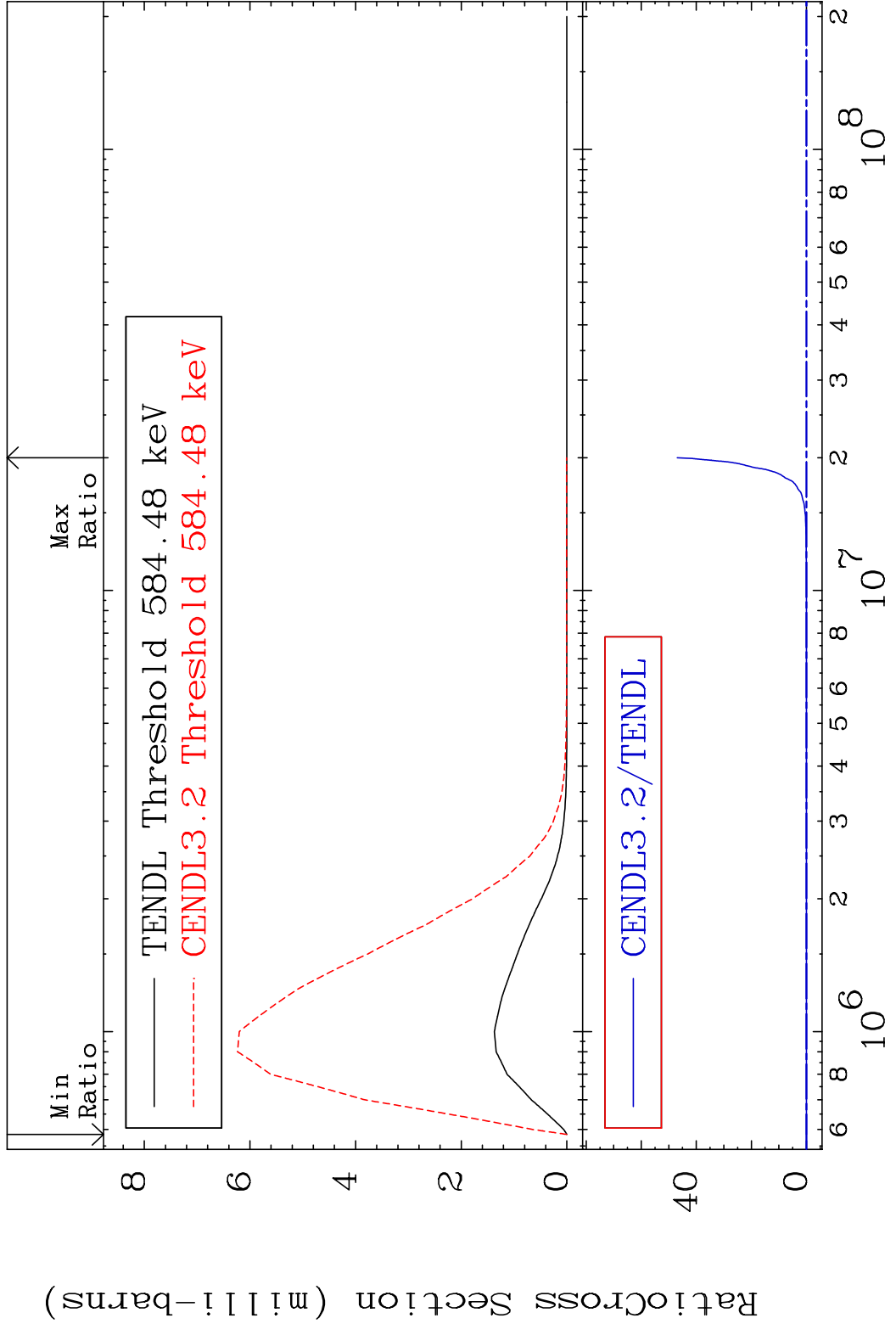
Cross Section -78.26 To 496.7 %



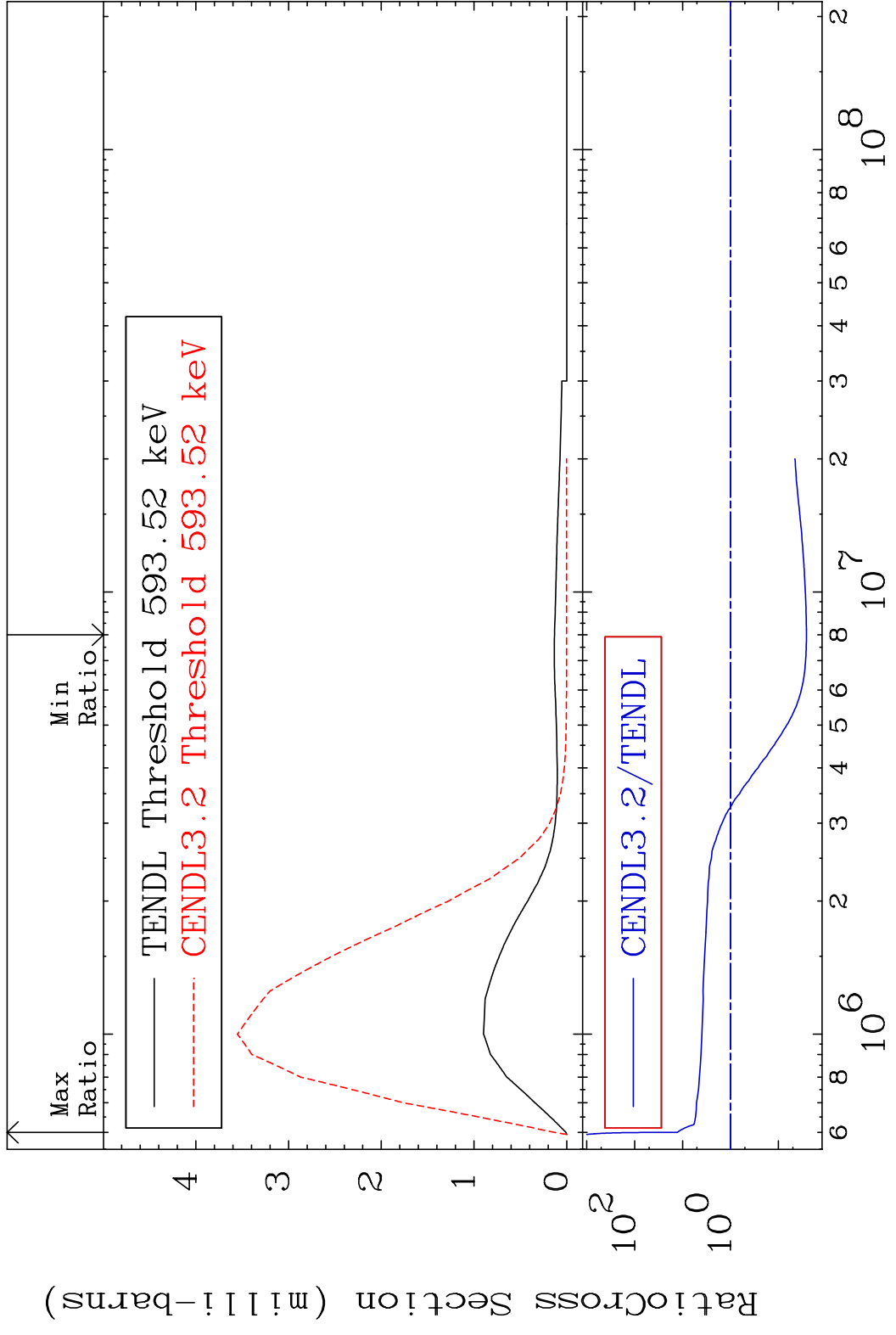
MAT 9431 MT= 71 (n,n') Level 94-Pu-237
 Cross Section -100.0 To 554.2 %



MAT 9431 MT= 72 (n, n') Level 94-Pu-237
 Cross Section -100.0 To 9999. %



MAT 9431 MT= 73 (n,n') Level 94-Pu-237
 Cross Section -97.41 To 1195. %

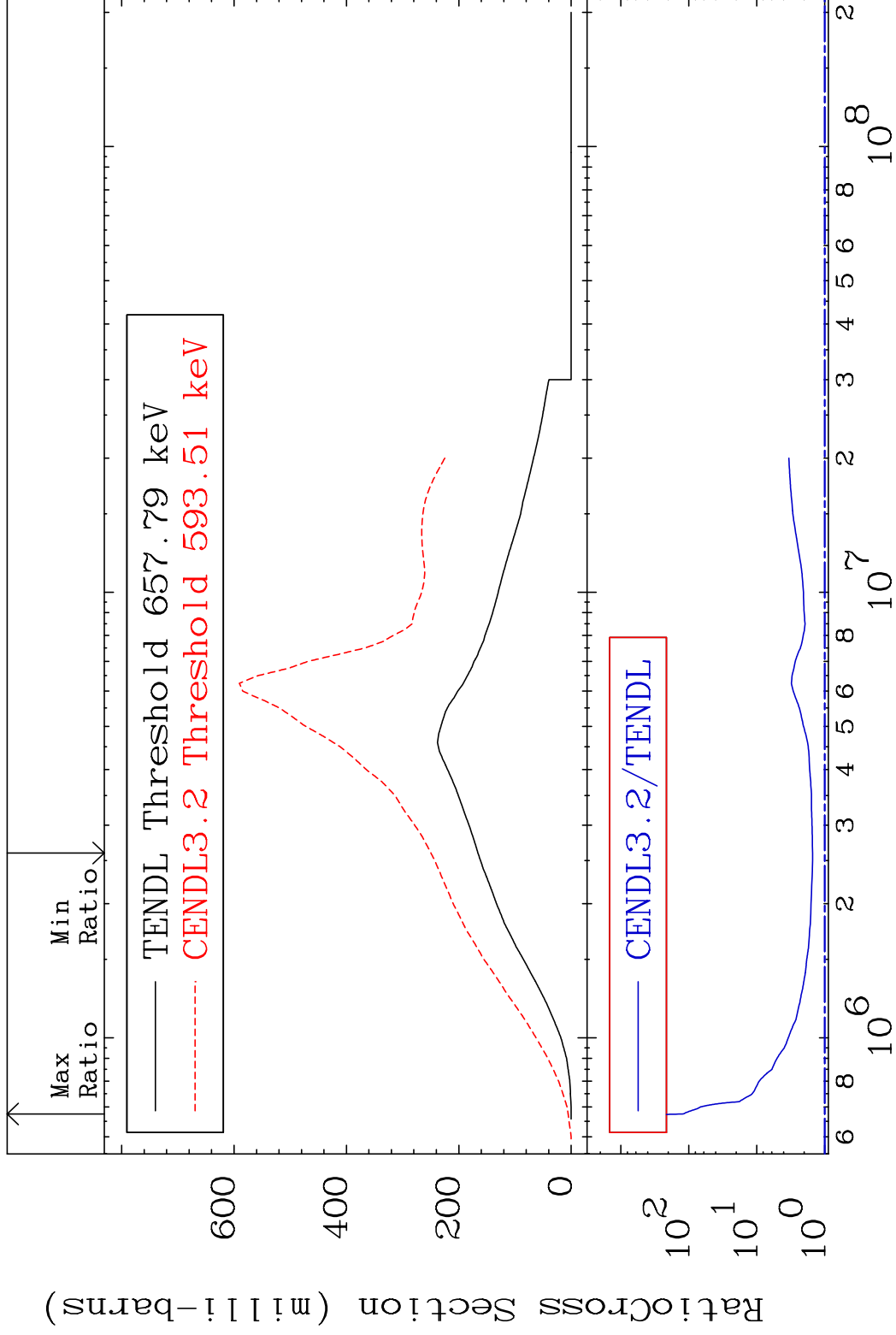


MAT 9431

(n, n') Continuum

94-Pu-237

Cross Section 50.35 To 9999. %



30

Incident Energy (eV)

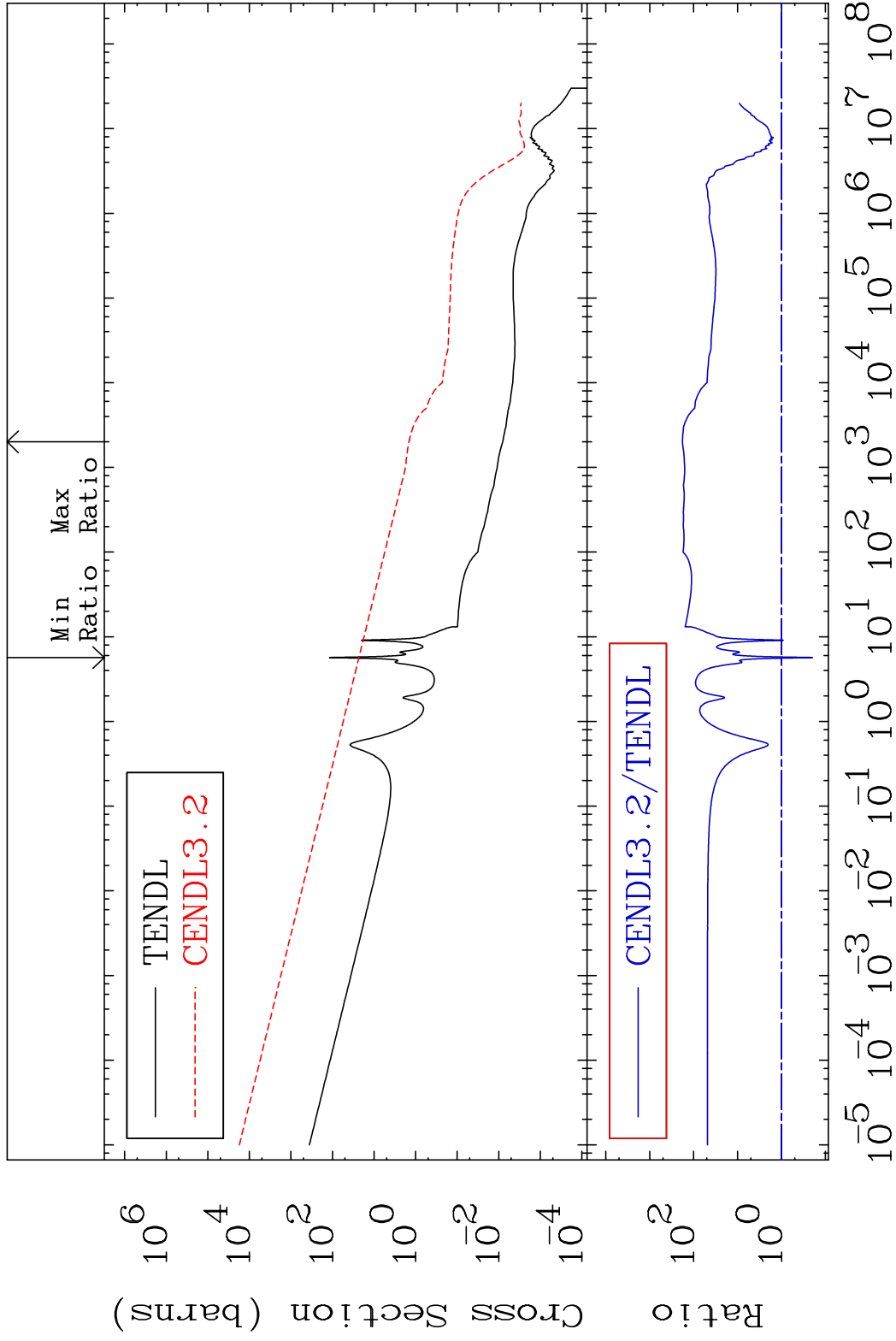
94-Pu-237

MAT 9431

(n, γ)

94-Pu-237

Cross Section -80.32 To 9999. %



31

Incident Energy (eV)

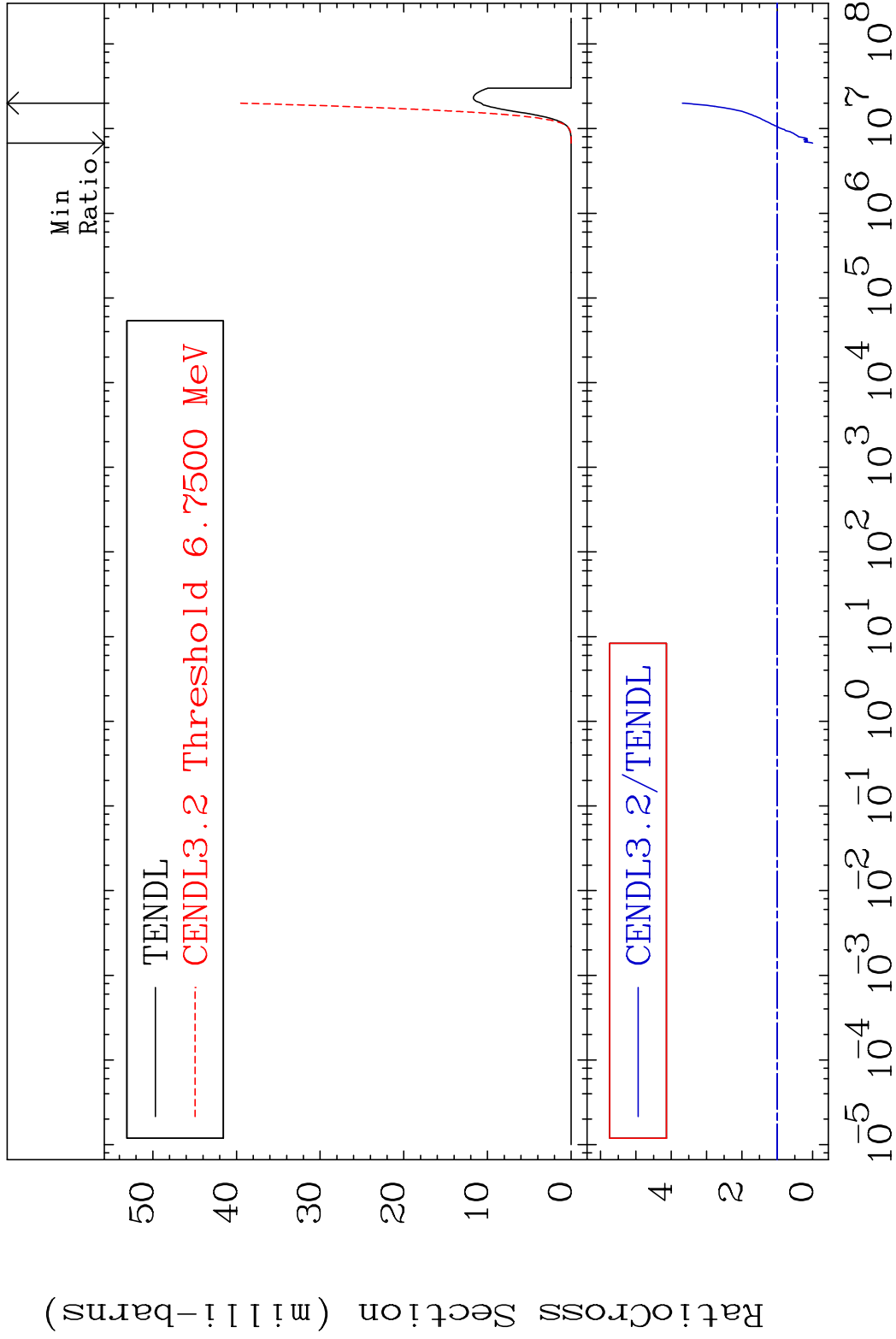
94-Pu-237

MAT 9431

(n, p)

94-Pu-237

Cross Section -100.0 To 268.5 %



32

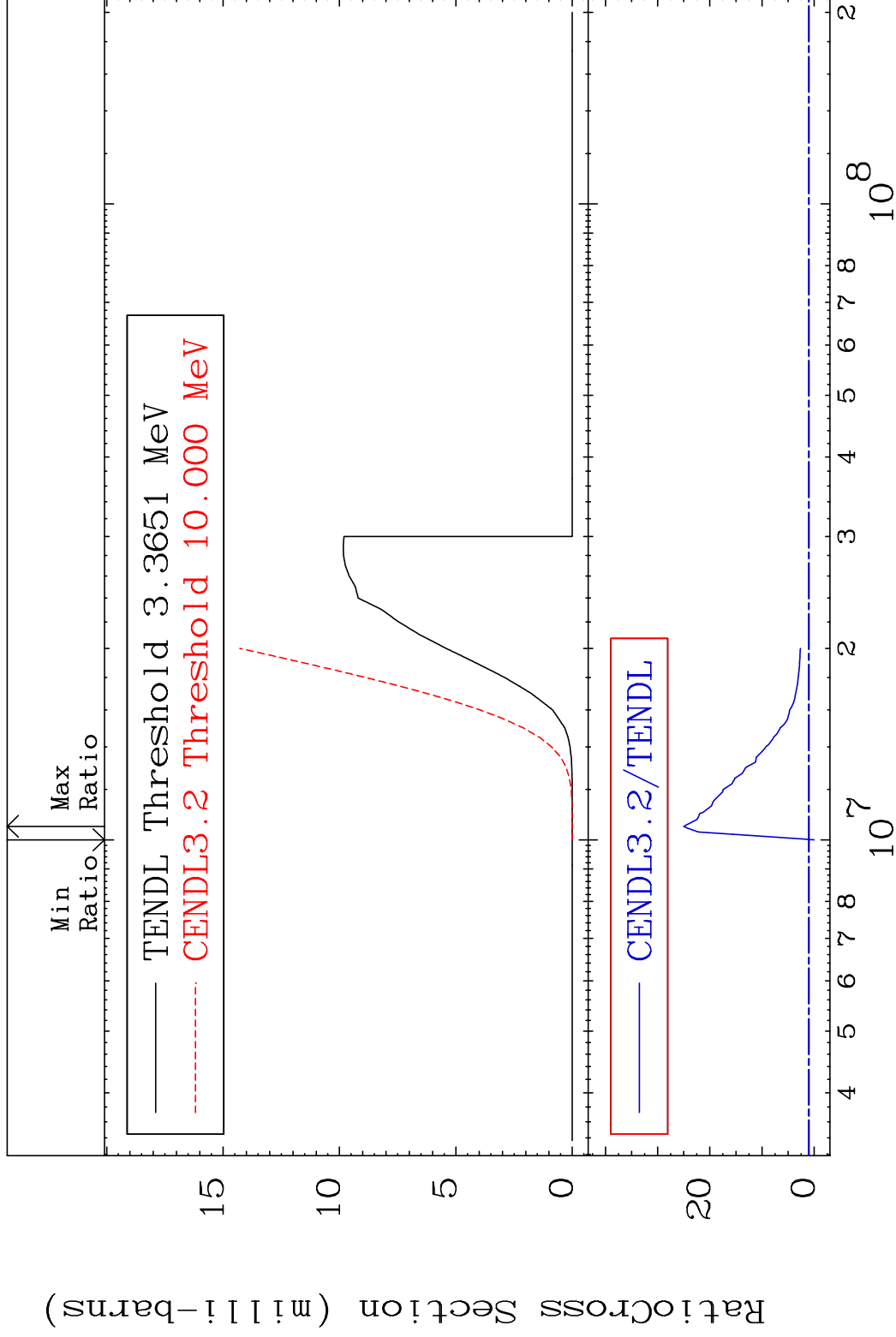
Incident Energy (eV)

94-Pu-237

MAT 9431

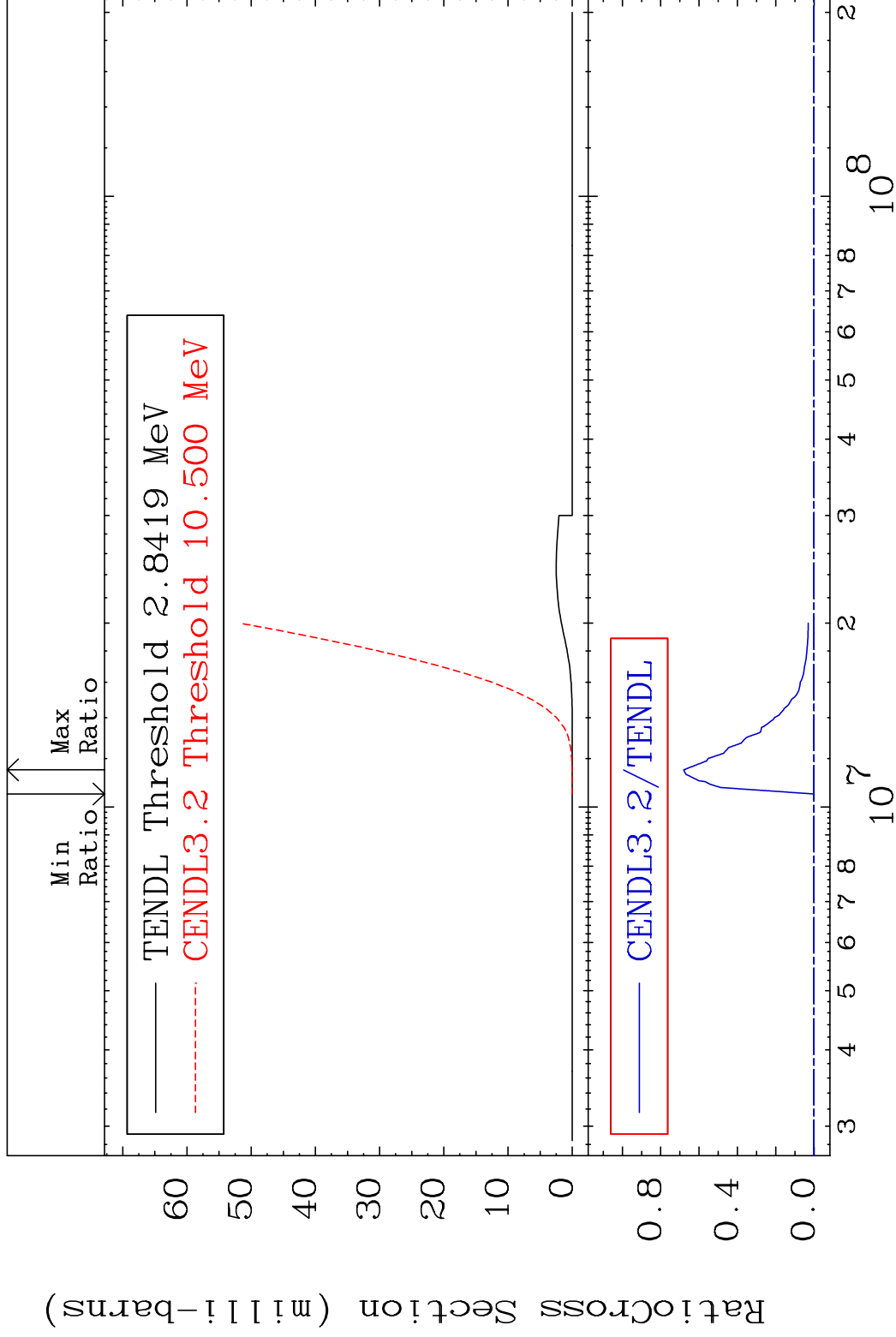
(n,d) 94-Pu-237

Cross Section -100.0 To 2402. %



MAT 9431

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



34

Incident Energy (eV)

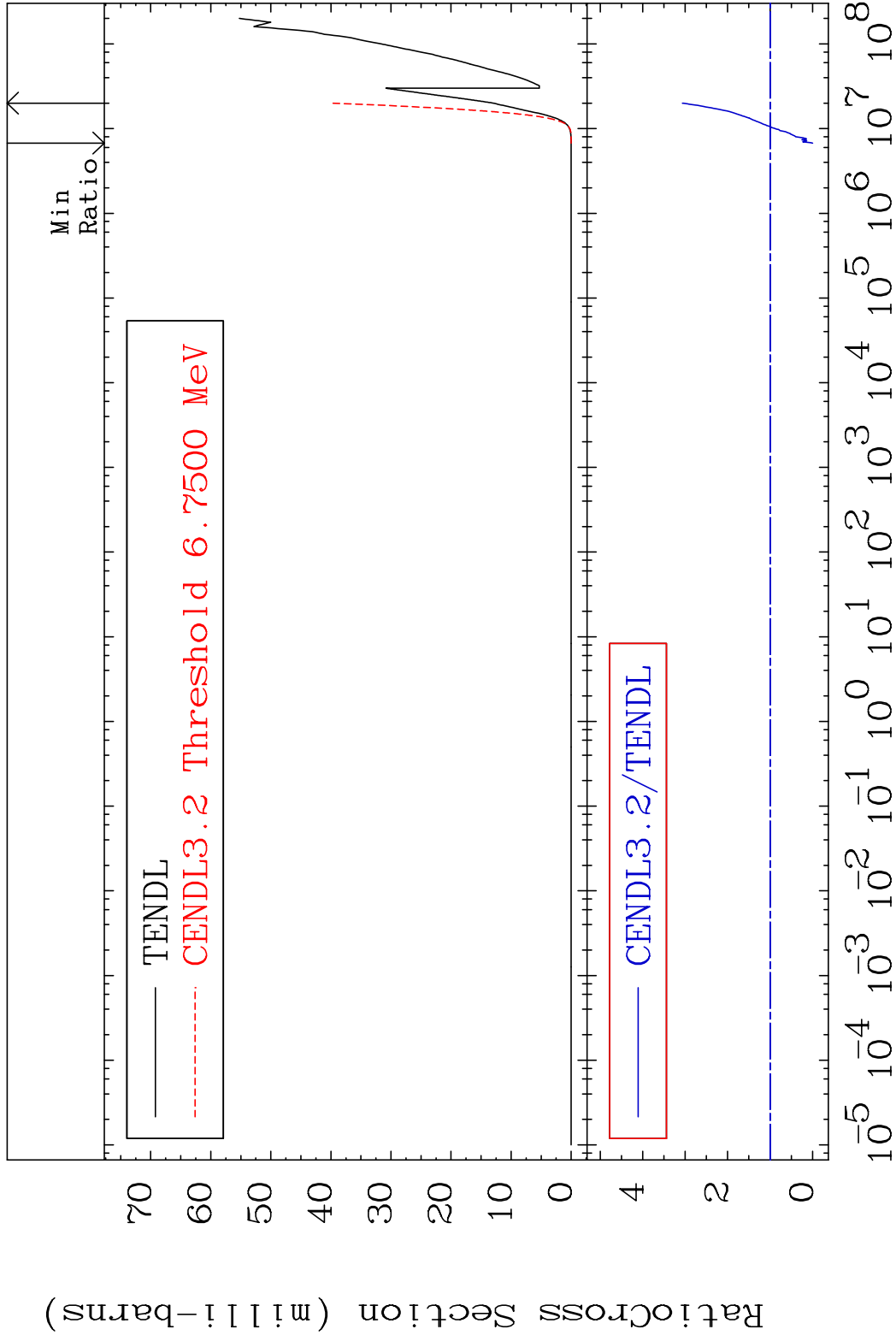
94-Pu-237

MAT 9431

Hydrogen Production

94-Pu-237

Cross Section -100.0 To 206.5 %

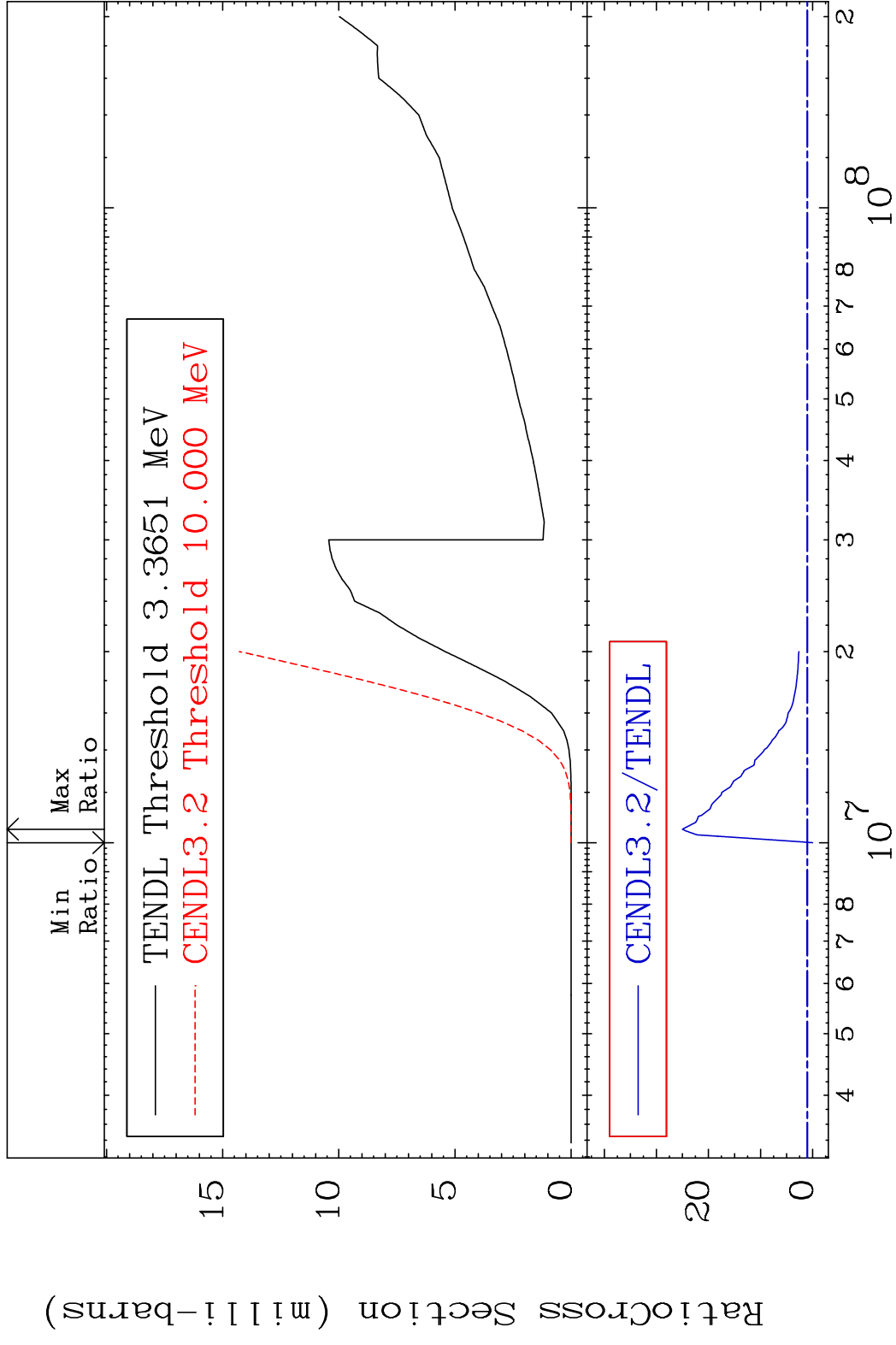


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Incident Energy (eV)

94-Pu-237

MAT 9431 Deuterium Production 94-Pu-237
 Cross Section -100.0 To 2402. %

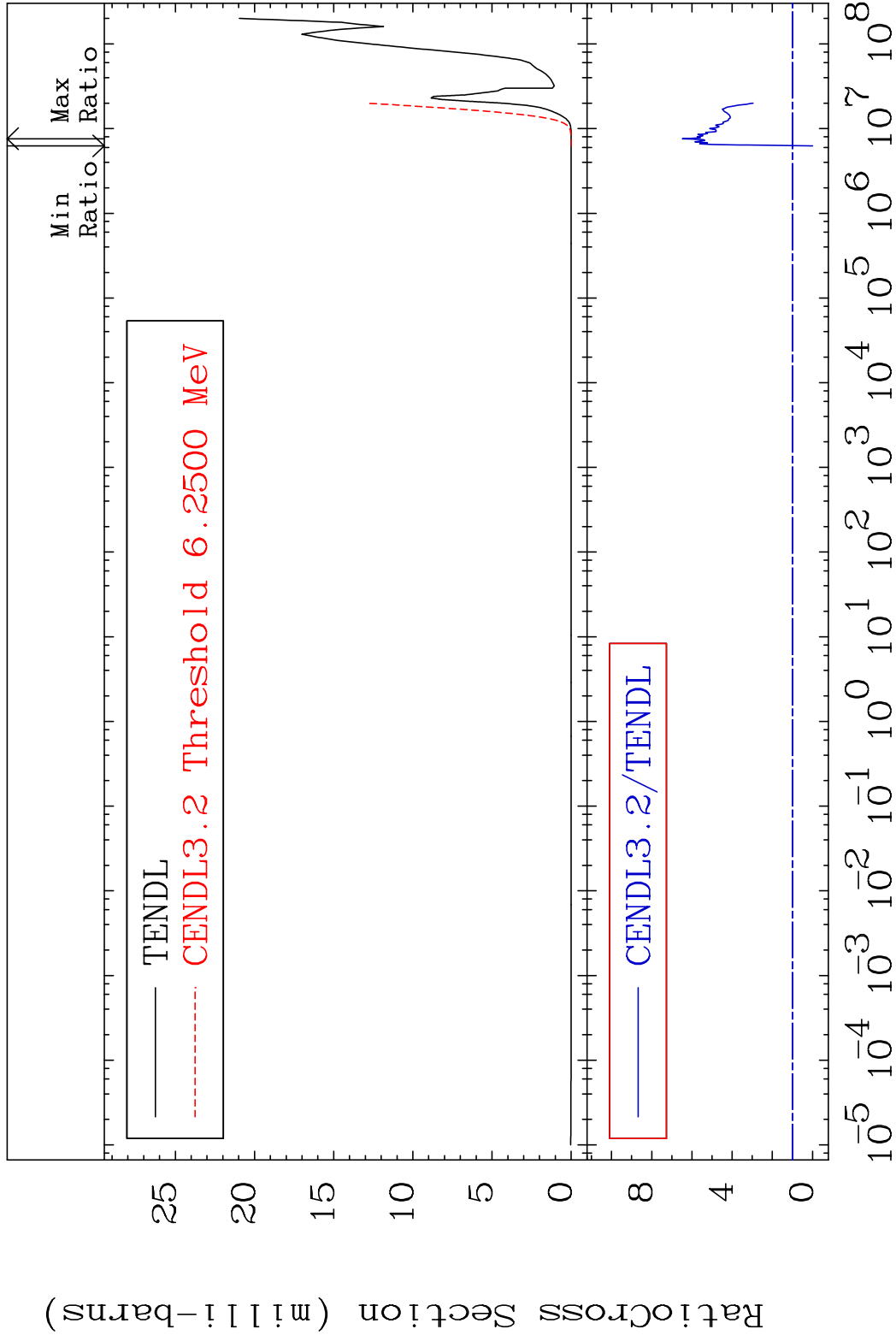


MAT 9431

He-4 Production

94-Pu-237

Cross Section -100.0 To 547.7 %



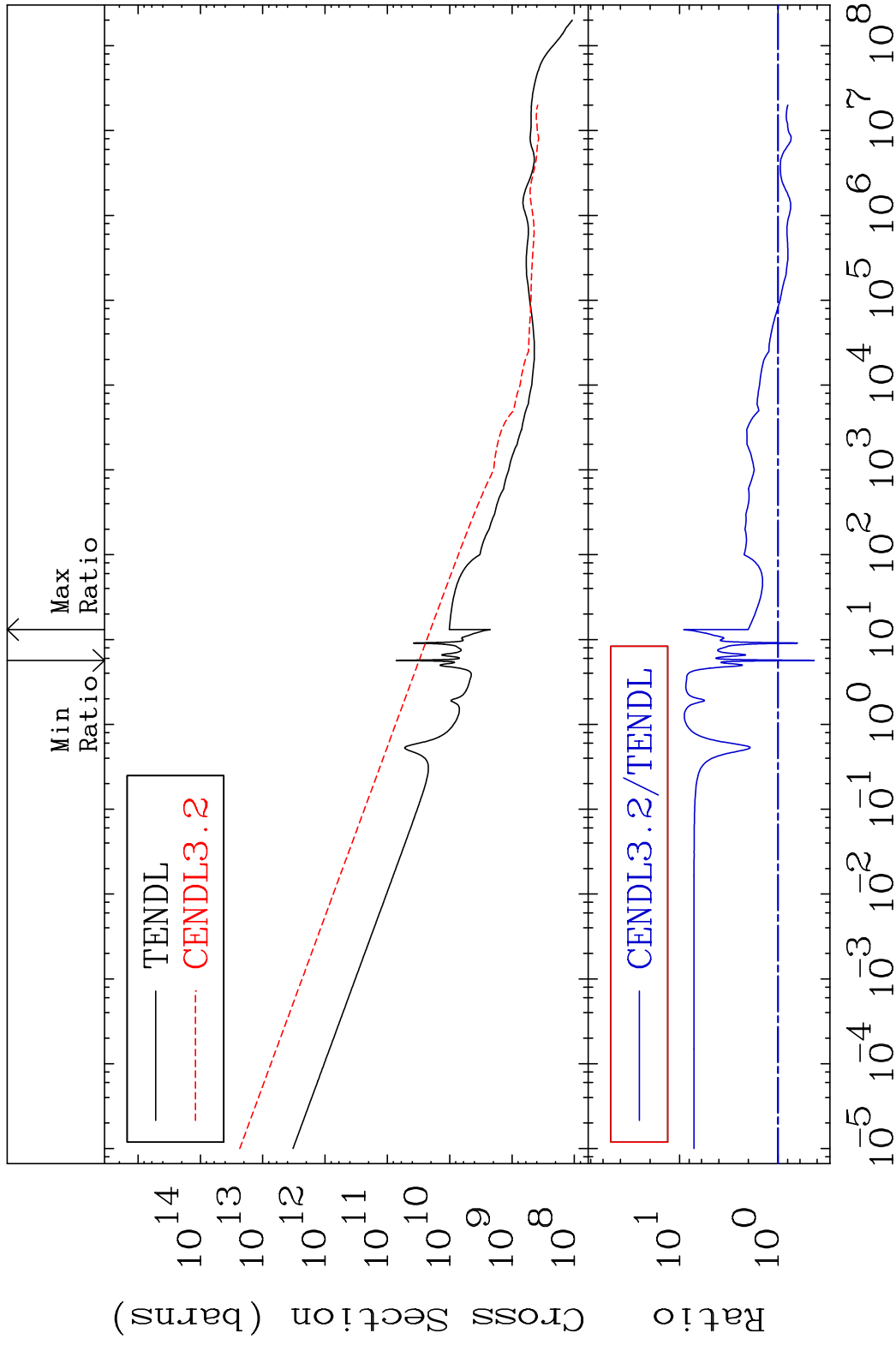
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Incident Energy (eV)

94-Pu-237

MAT 9431

Kerma total (eV-barns) 94-Pu-237
Cross Section -56.99 To 810.7 %



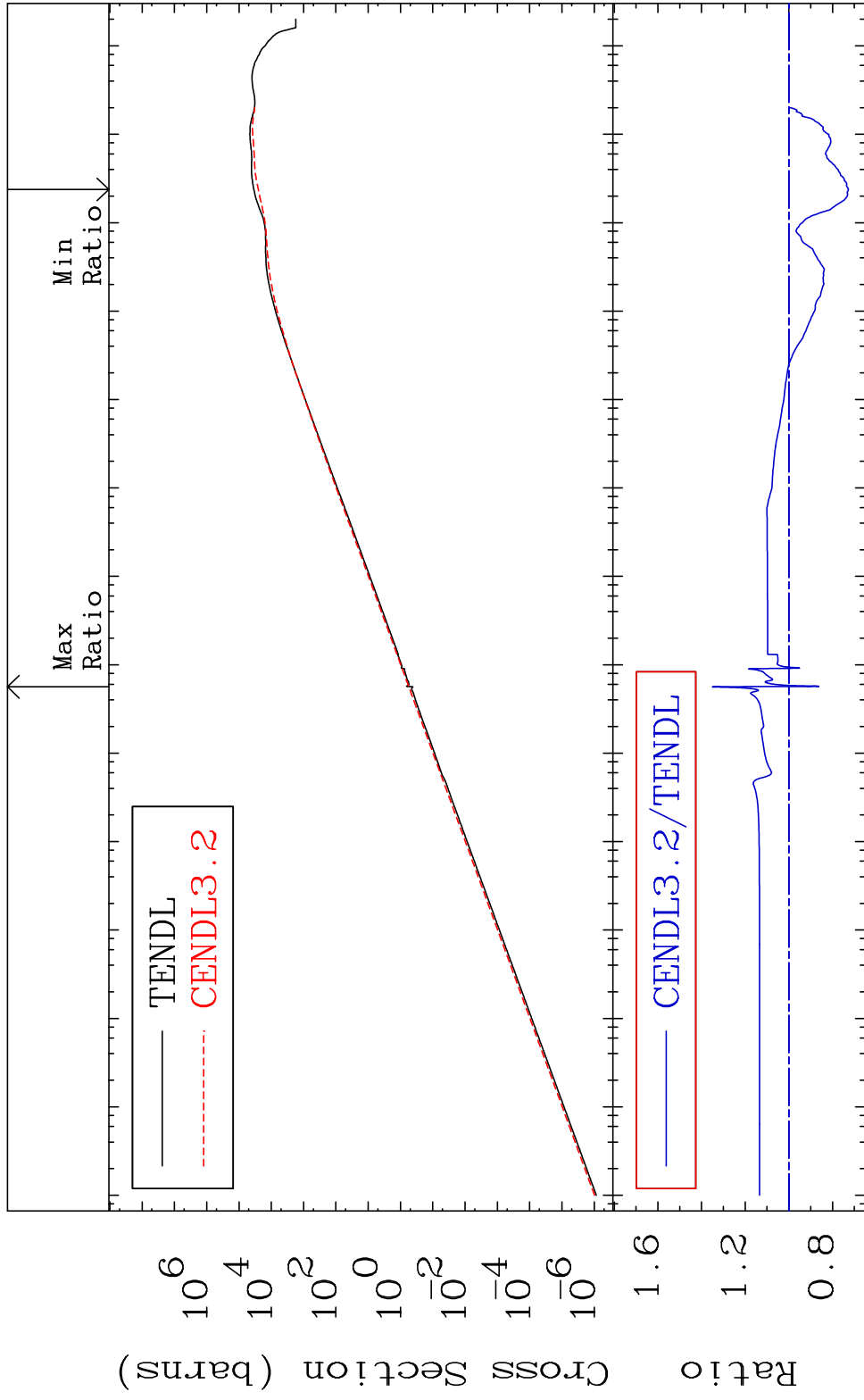
40

Incident Energy (eV) 94-Pu-237

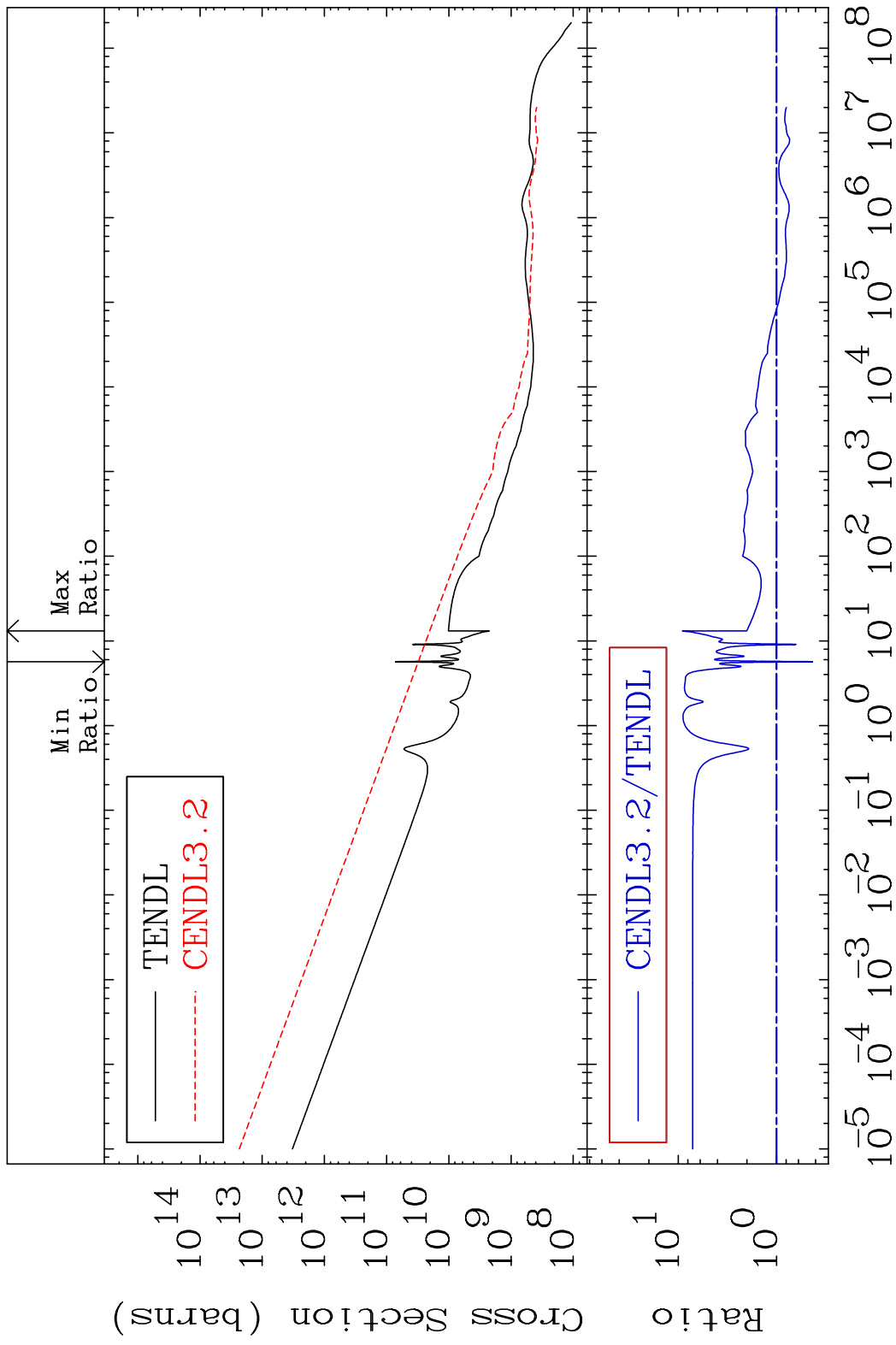
MAT 9431

Kerma elastic
Cross Section -27.23 To 35.04 %

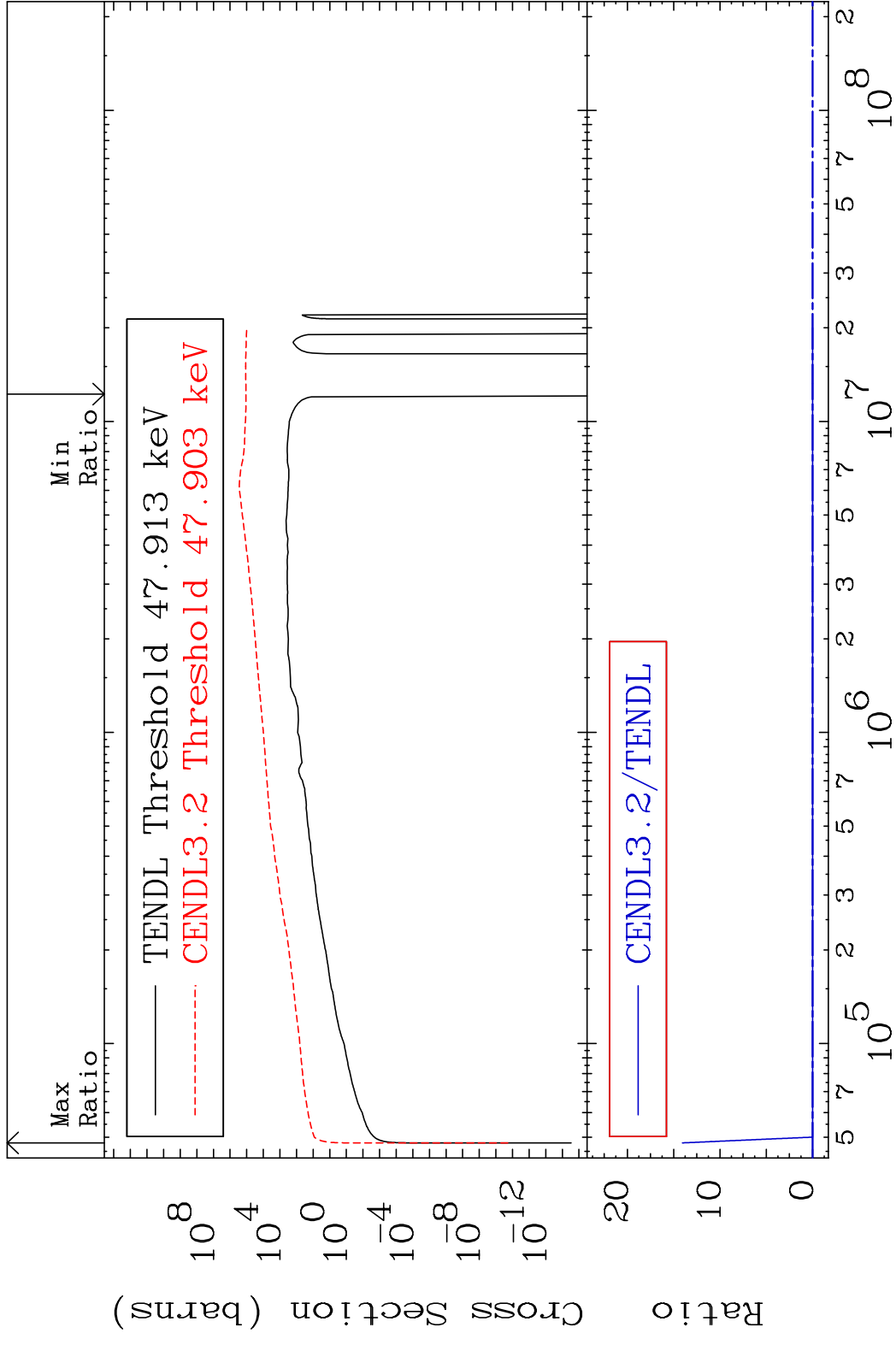
94-Pu-237



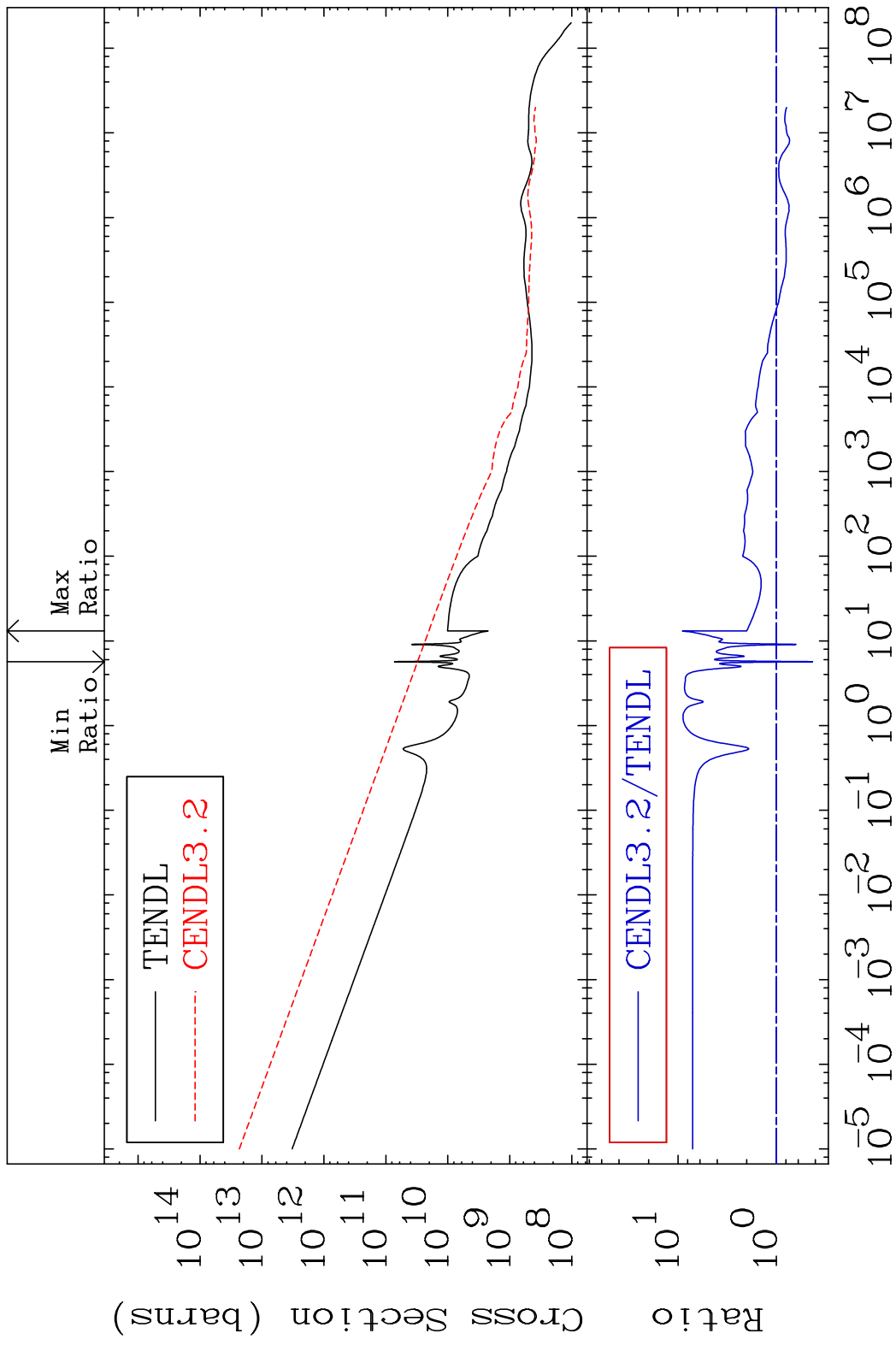
MAT 9431 Kerma non-elastic (all but mt2) 94-Pu-237
 Cross Section -56.99 To 810.7 %



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

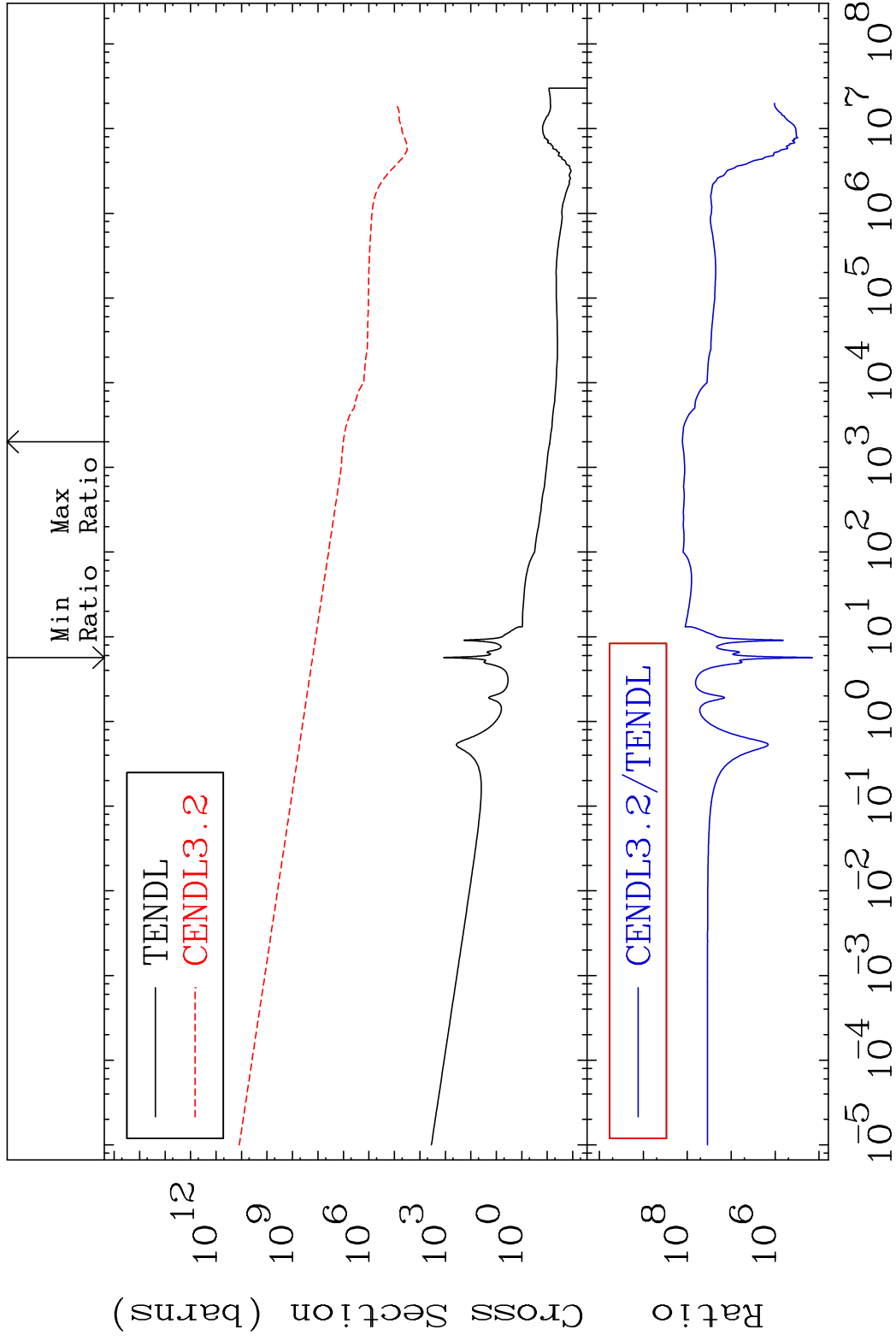


MAT 9431 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-237
 Cross Section -57.22 To 805.9 %



MAT 9431

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

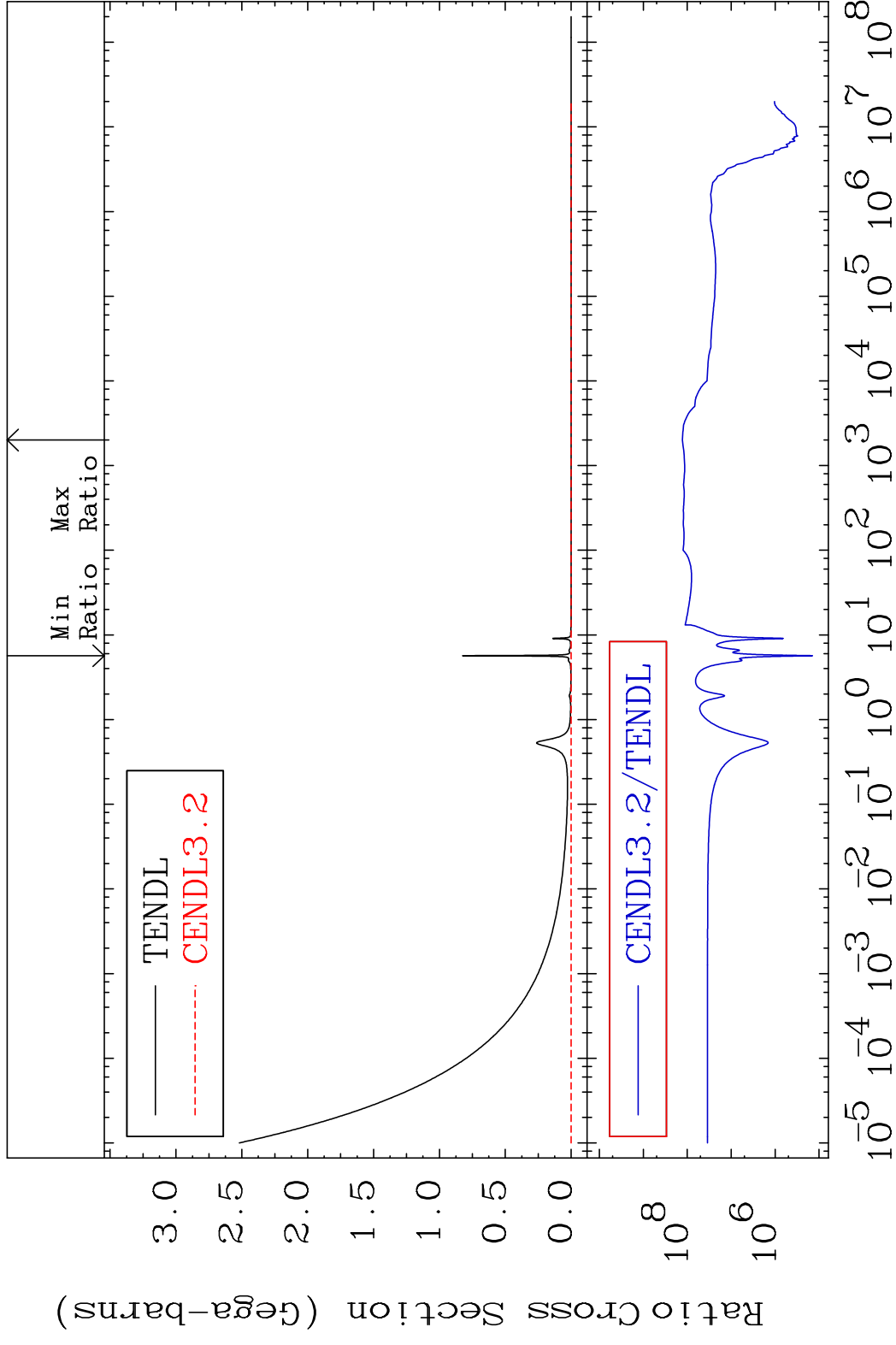


45

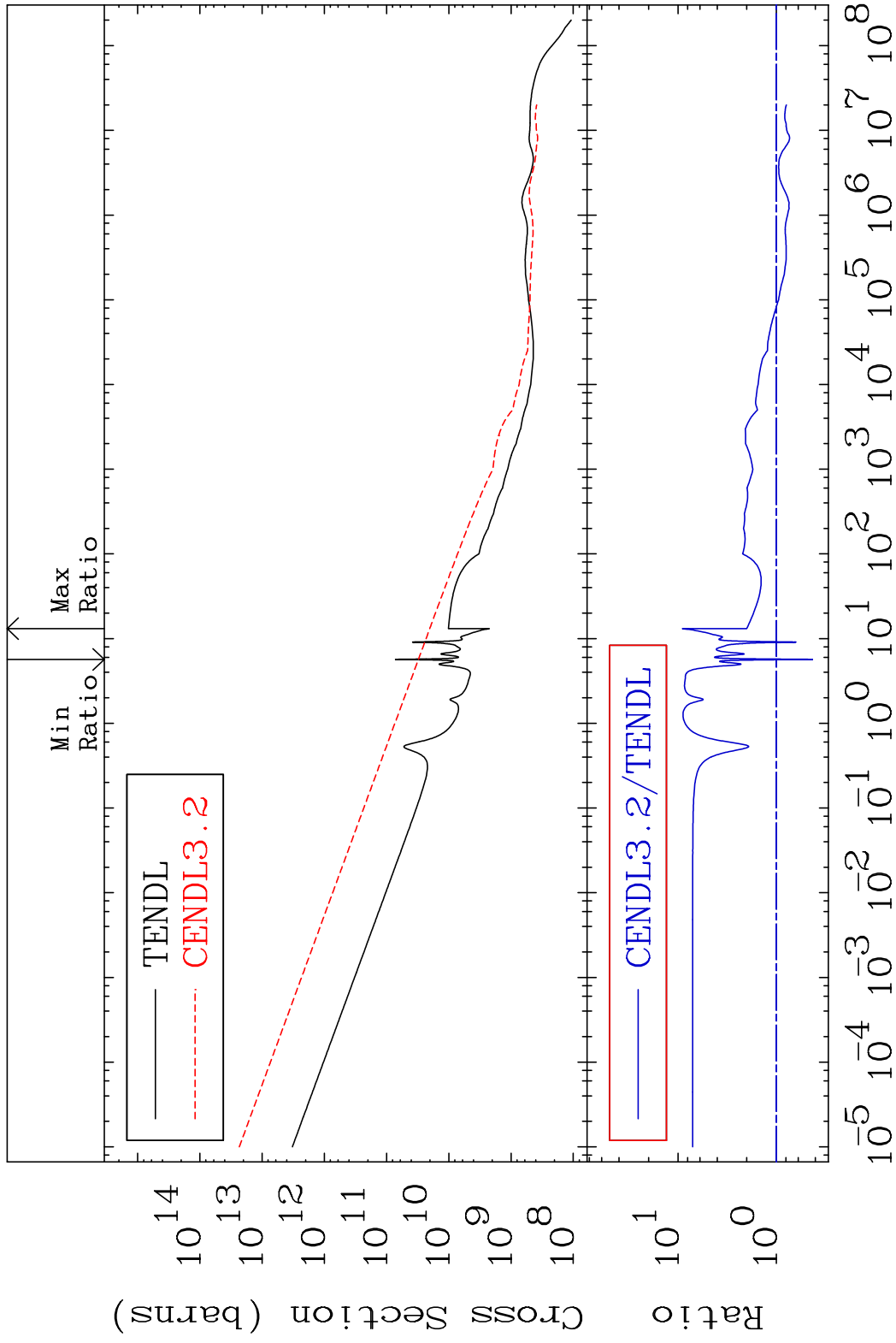
Incident Energy (eV)

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 -57.22 To 805.9 %

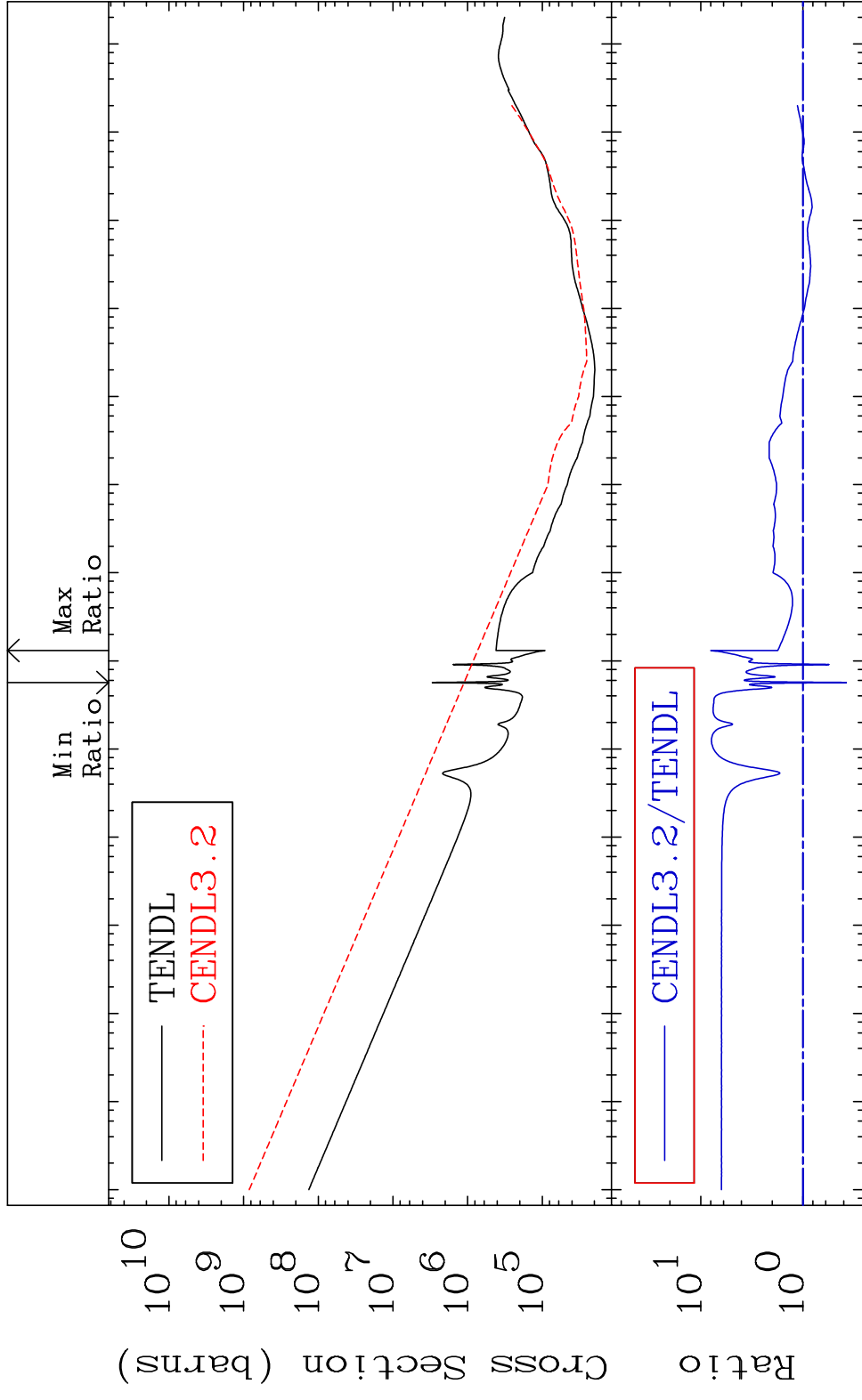


MAT 9431

Dpa total (eV-barns)

94-Pu-237

Cross Section -62.29 To 699.5 %

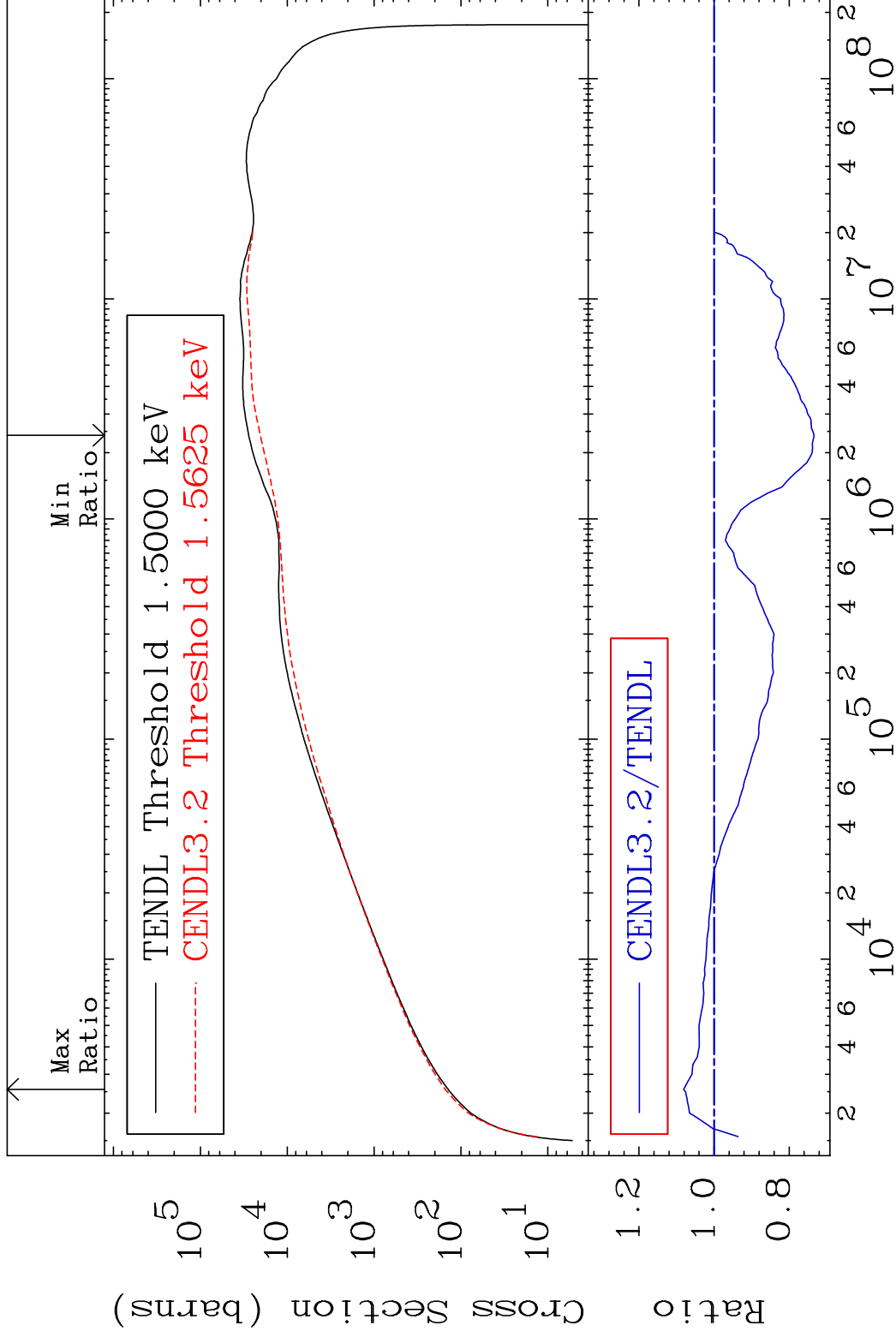


MAT 9431

Dpa elastic (mt2)

94-Pu-237

Cross Section -26.65 To 8.107 %

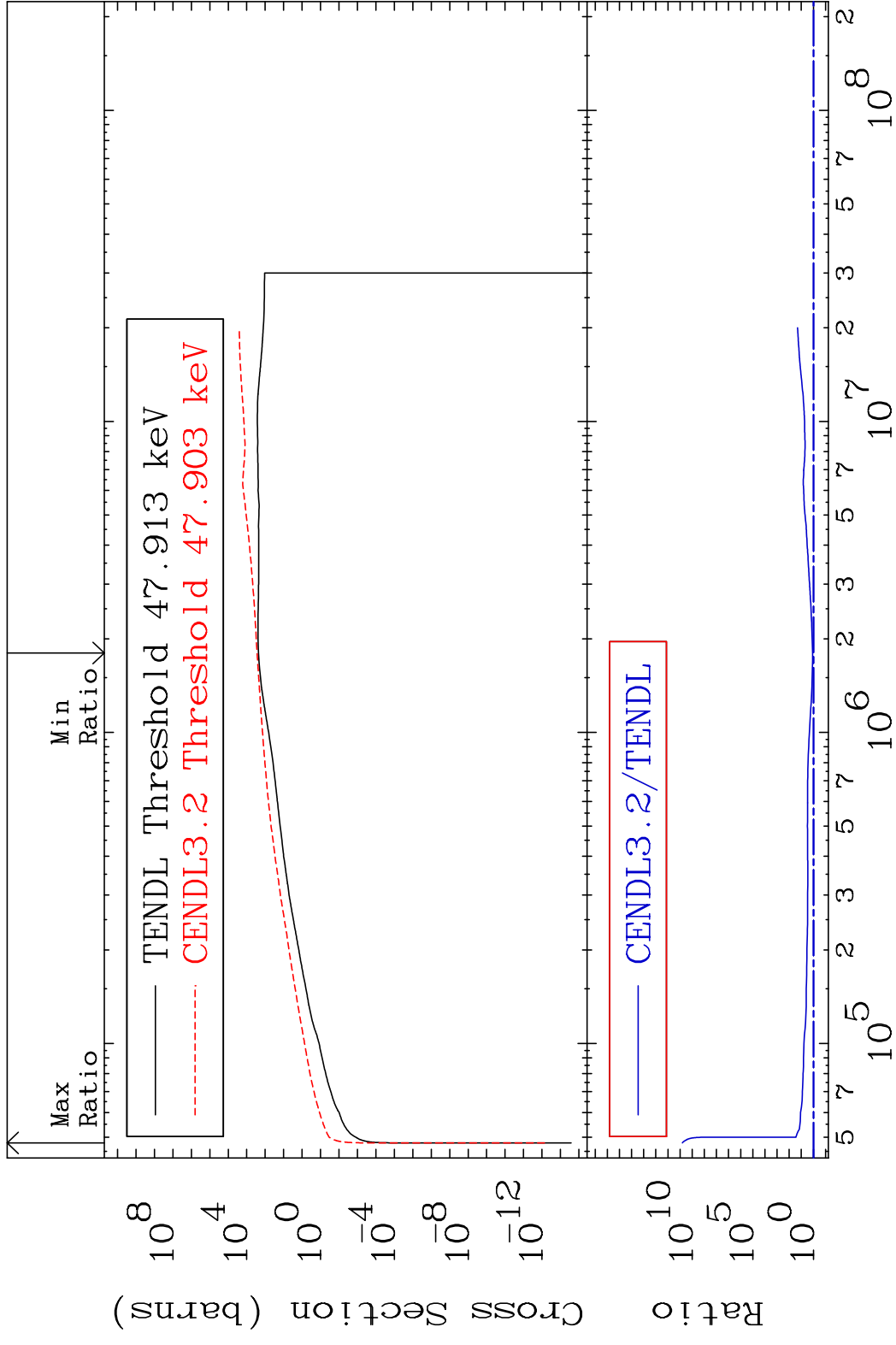


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Incident Energy (eV)

94-Pu-237

MAT 9431 Dpa inelastic (mt51-91) 94-Pu-237
 Cross Section 17.75 To 9999. %



MAT 9431 Dpa disappearance (mt102 -120) 94-Pu-237
 Cross Section 311.0 To 9999. %

