

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

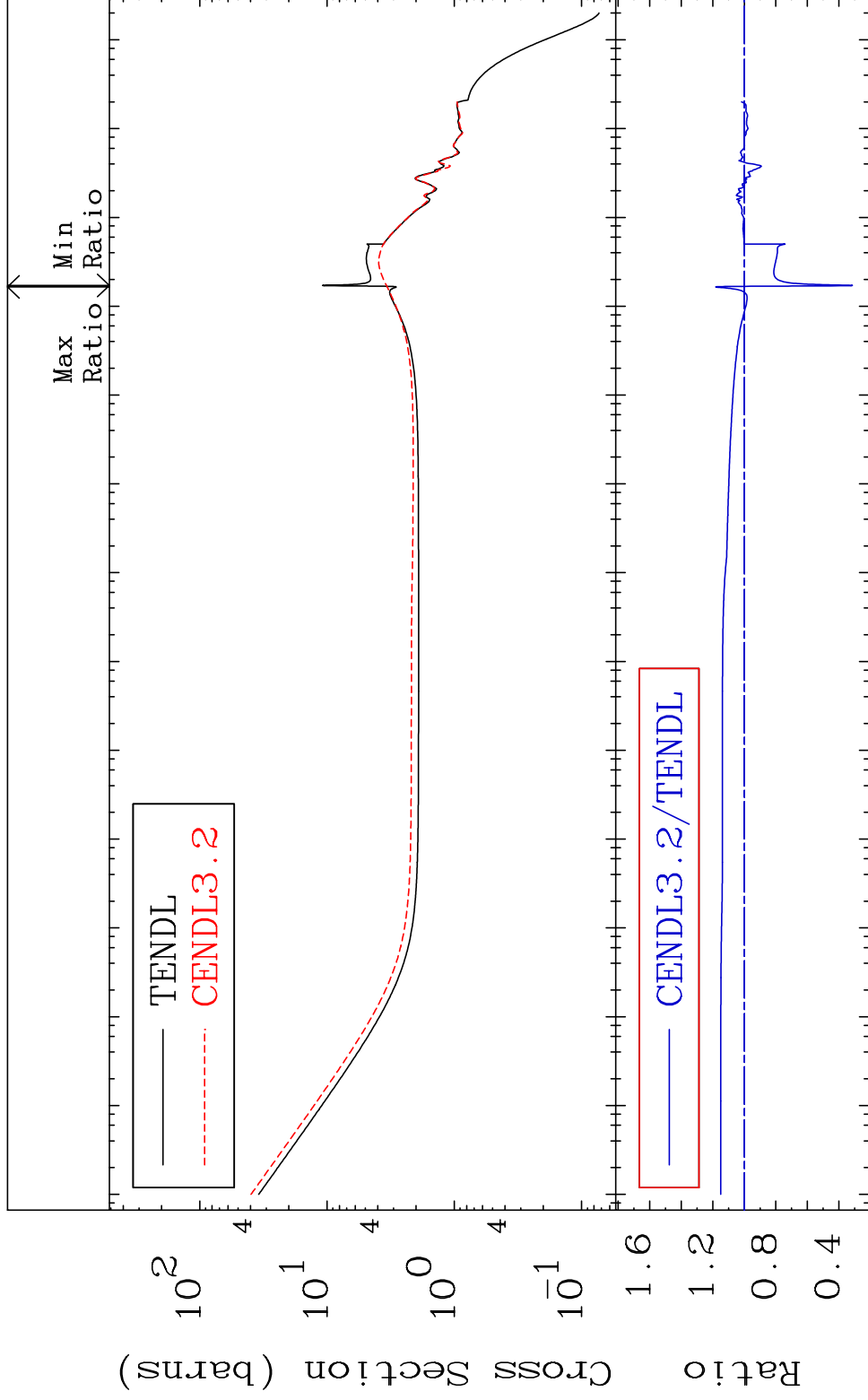
MAT 525

Elastic

5-B -10

Cross Section

-68.43 To 18.17 %

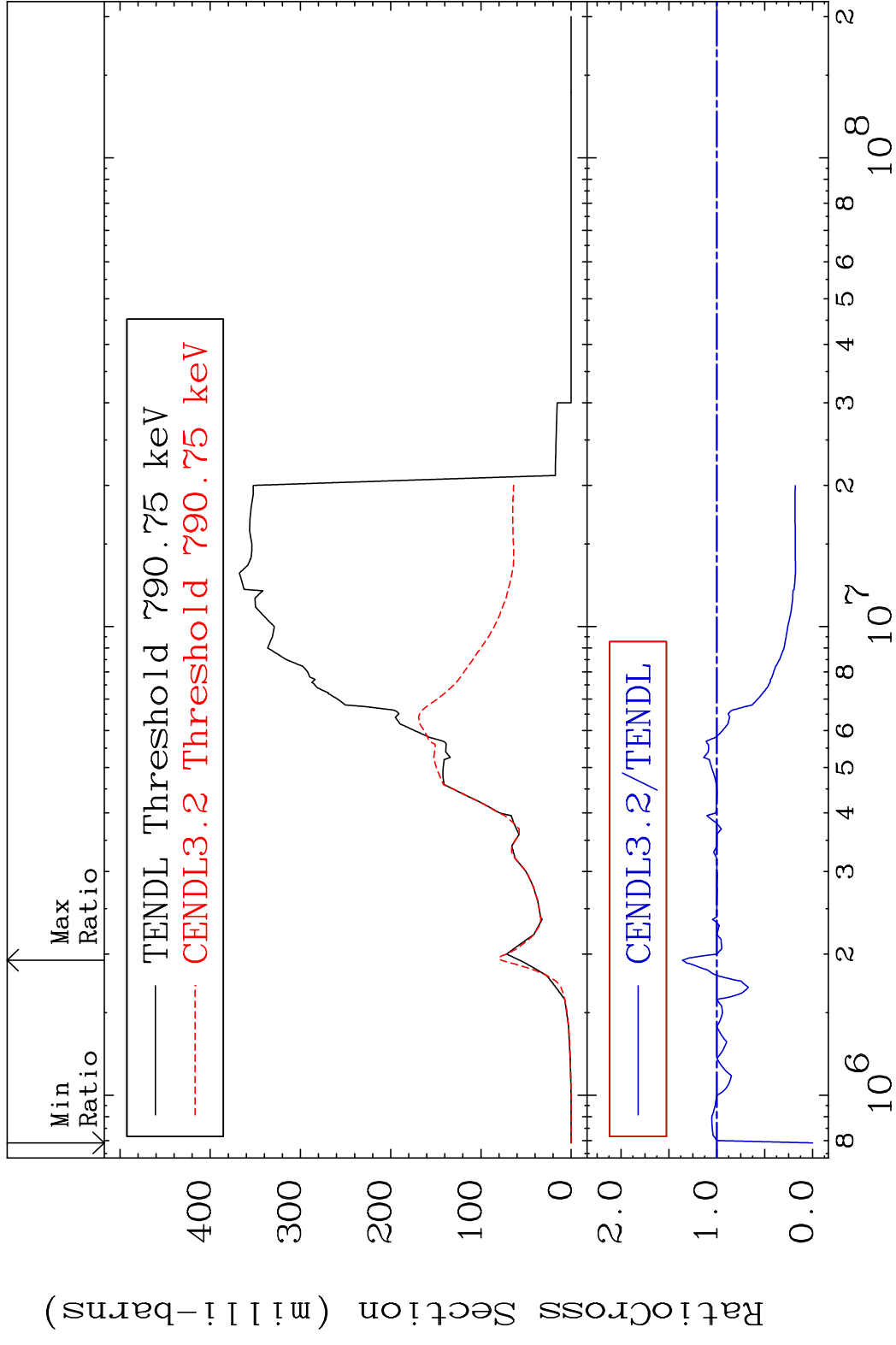


2

Incident Energy (eV)

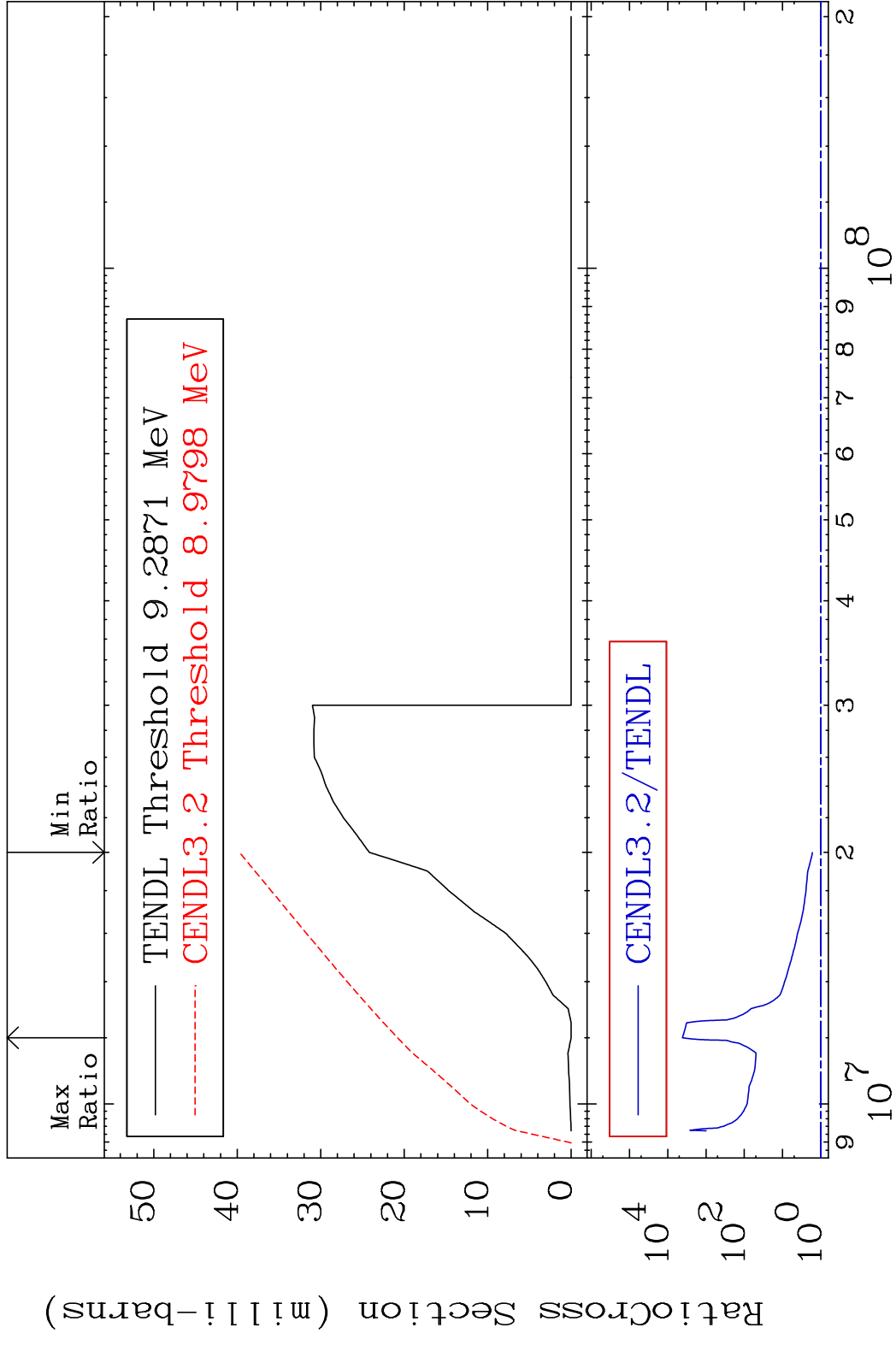
5-B -10

MAT 525 Inelastic Cross Section -100.0 To 35.95 % 5-B -10



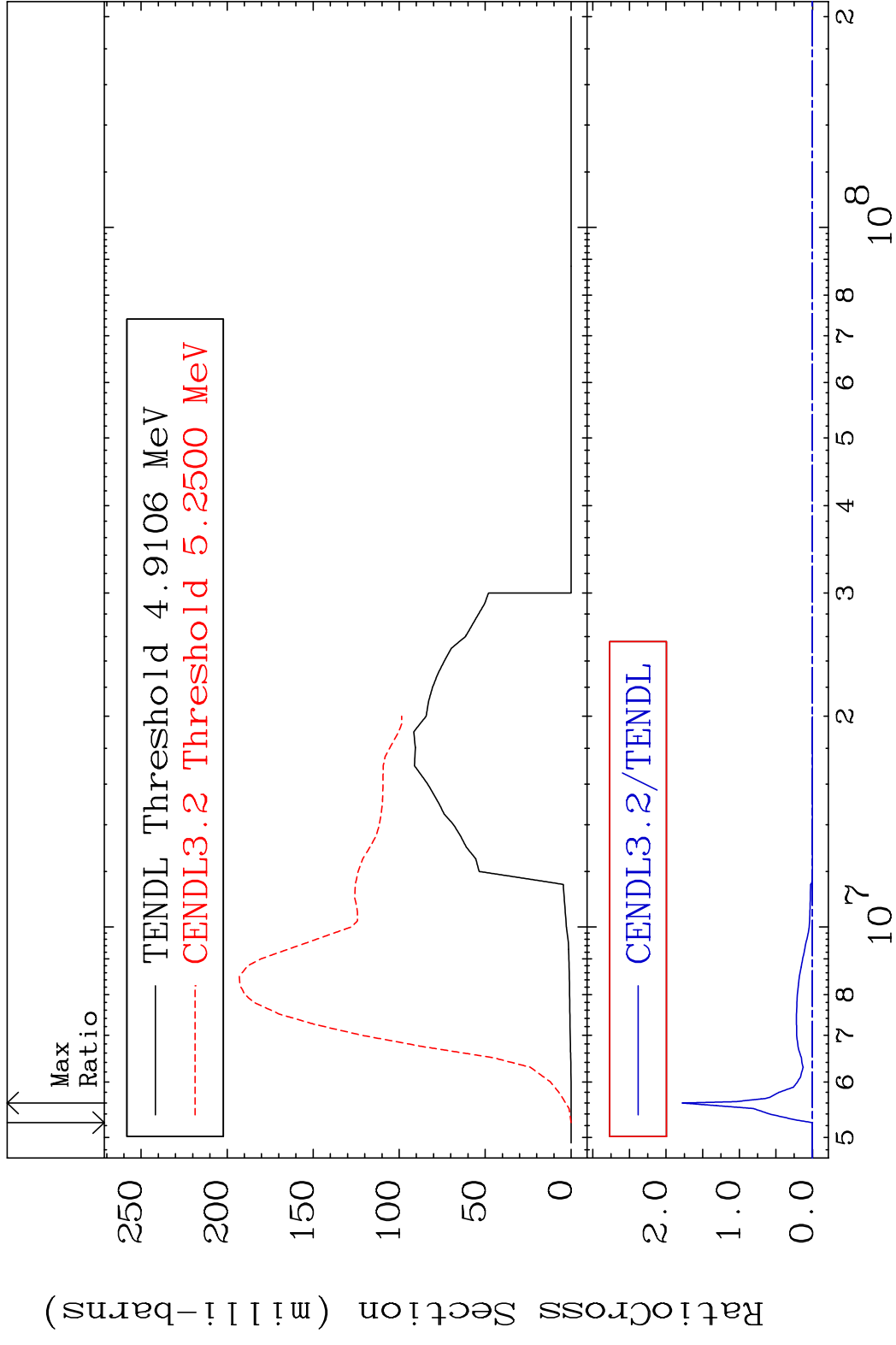
3 Incident Energy (eV) 5-B -10

MAT 525 (n,2n) Cross Section 64.31 To 9999. % 5-B -10



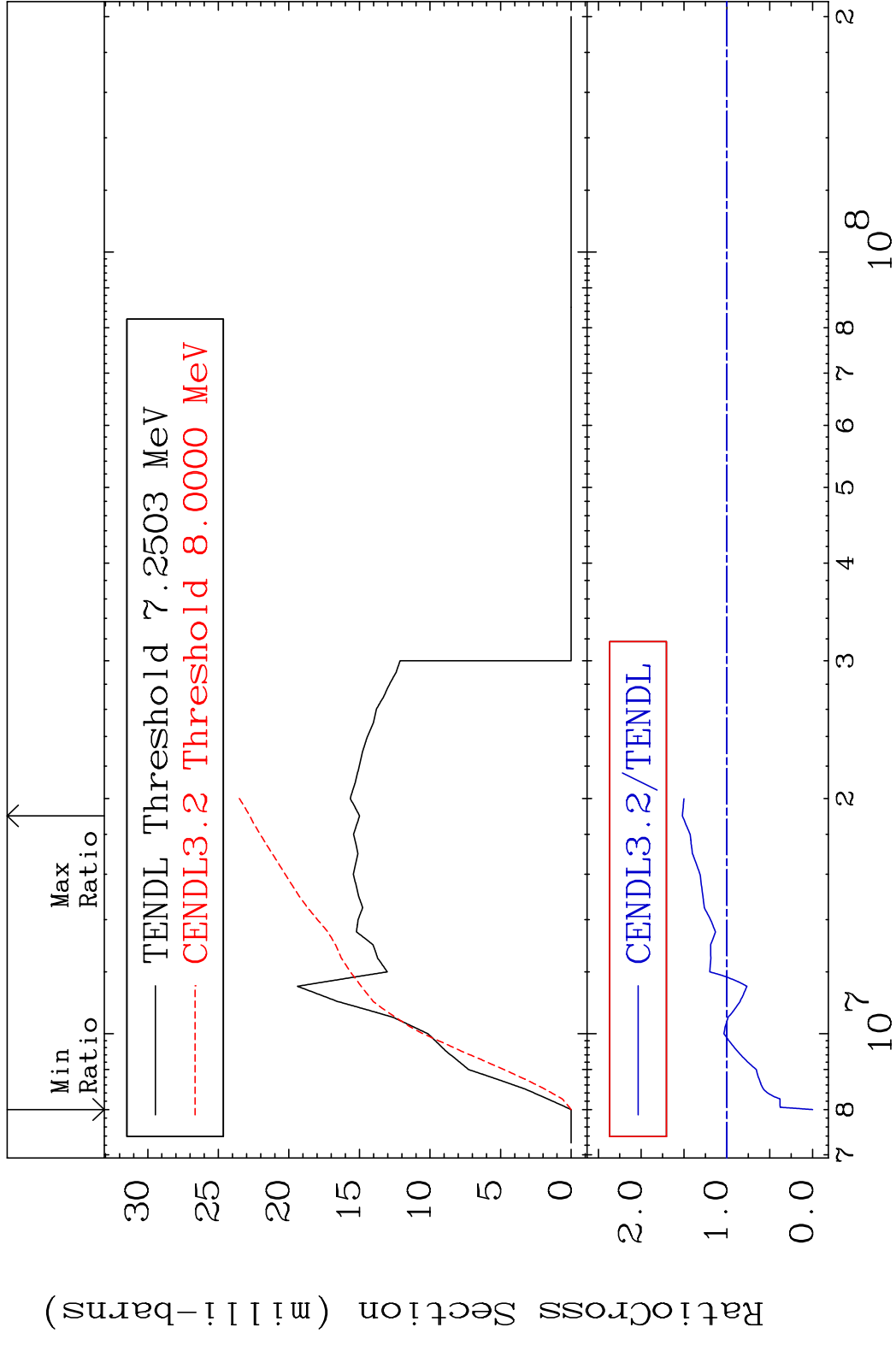
4 5 6 7 8 9 10⁸ 2 5-B -10

MAT 525 (n, n') α 5-B -10
 Cross Section -100.0 To 9999. %

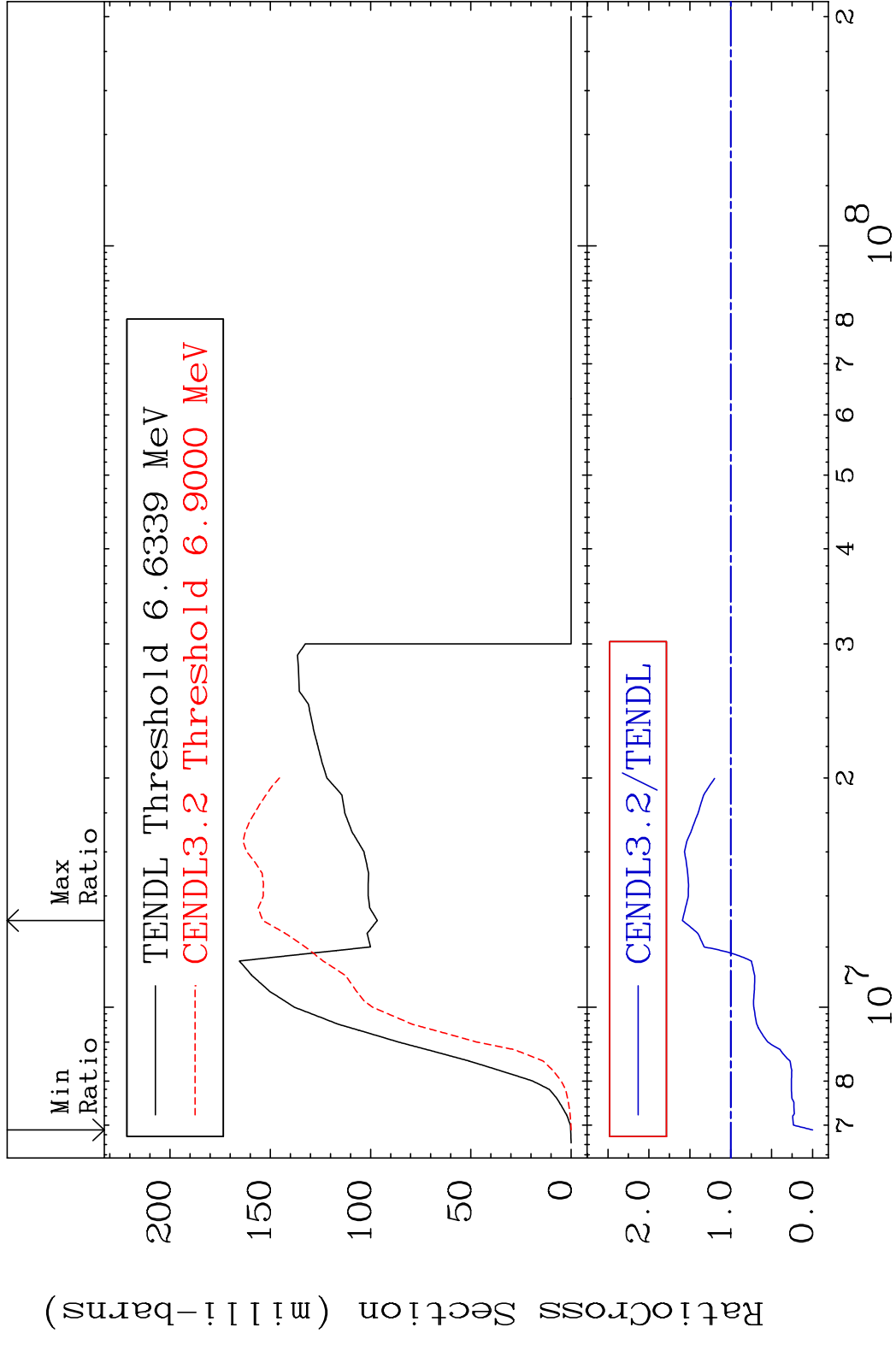


5 5-B -10

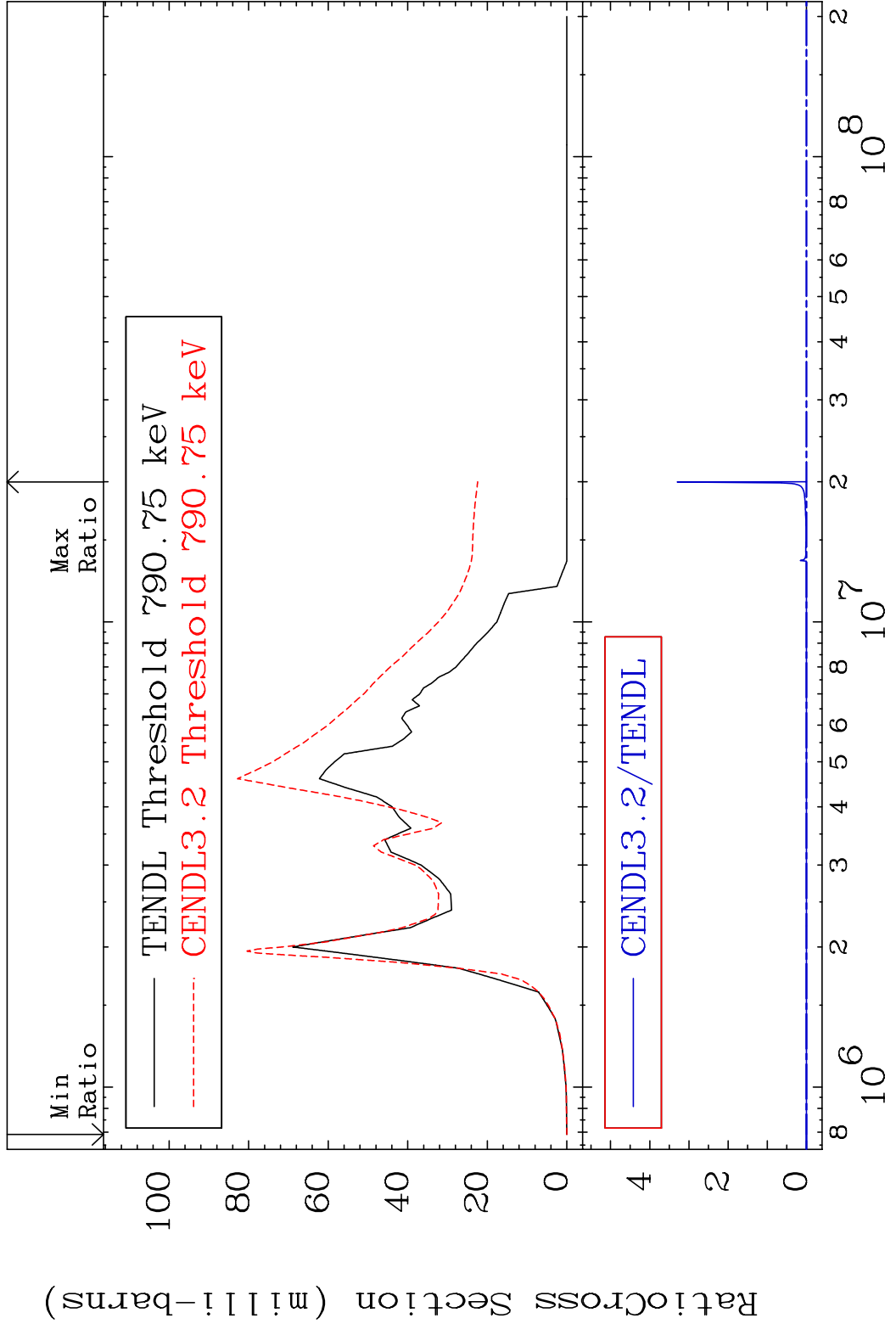
MAT 525 (n, n') p 5-B -10
 Cross Section -100.0 To 51.96 %



MAT 525 (n, n') d 5-B -10
 Cross Section -100.0 To 59.12 %

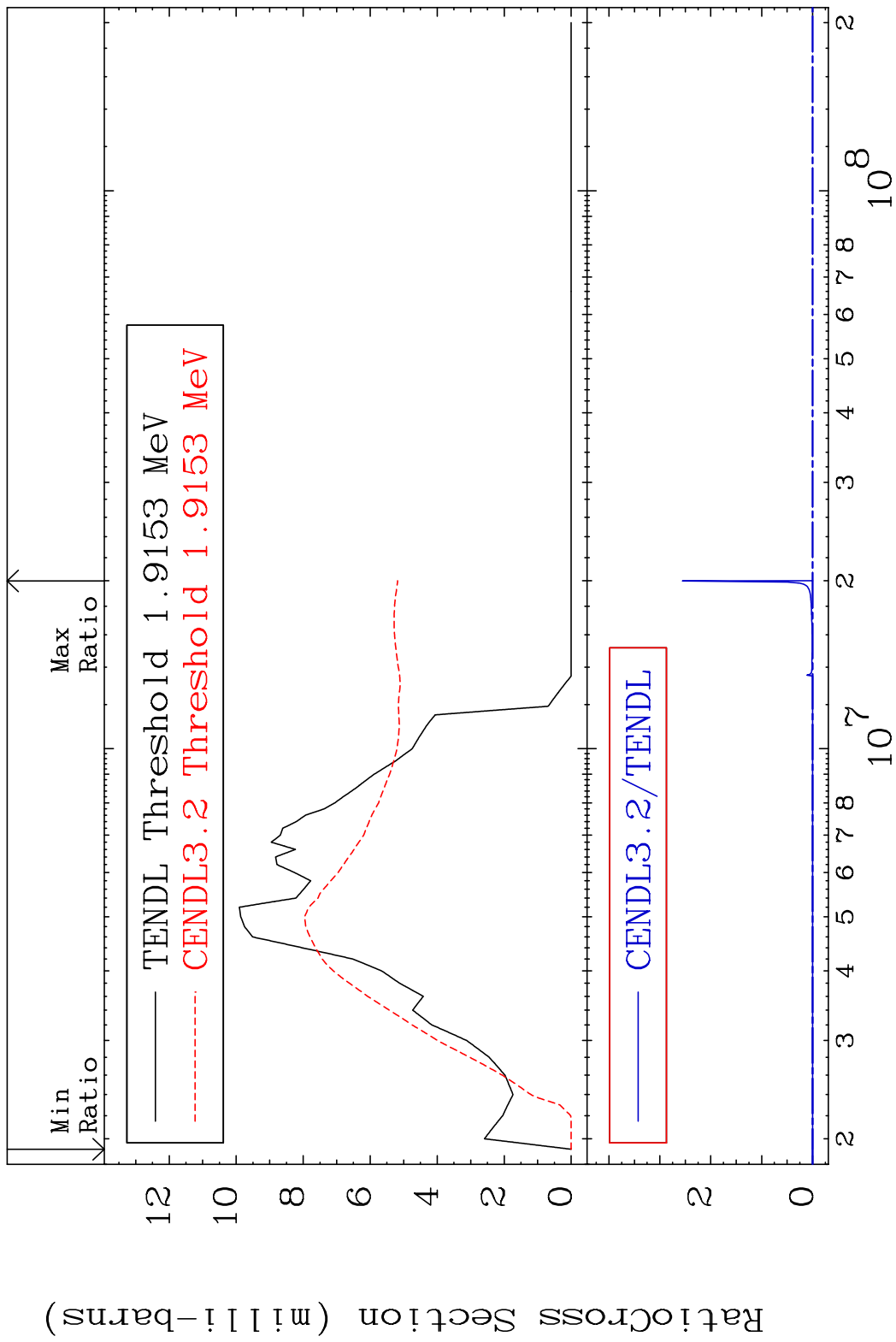


MAT 525 MT= 51 (n, n') Level 5-B -10
 Cross Section -100.0 To 9999. %

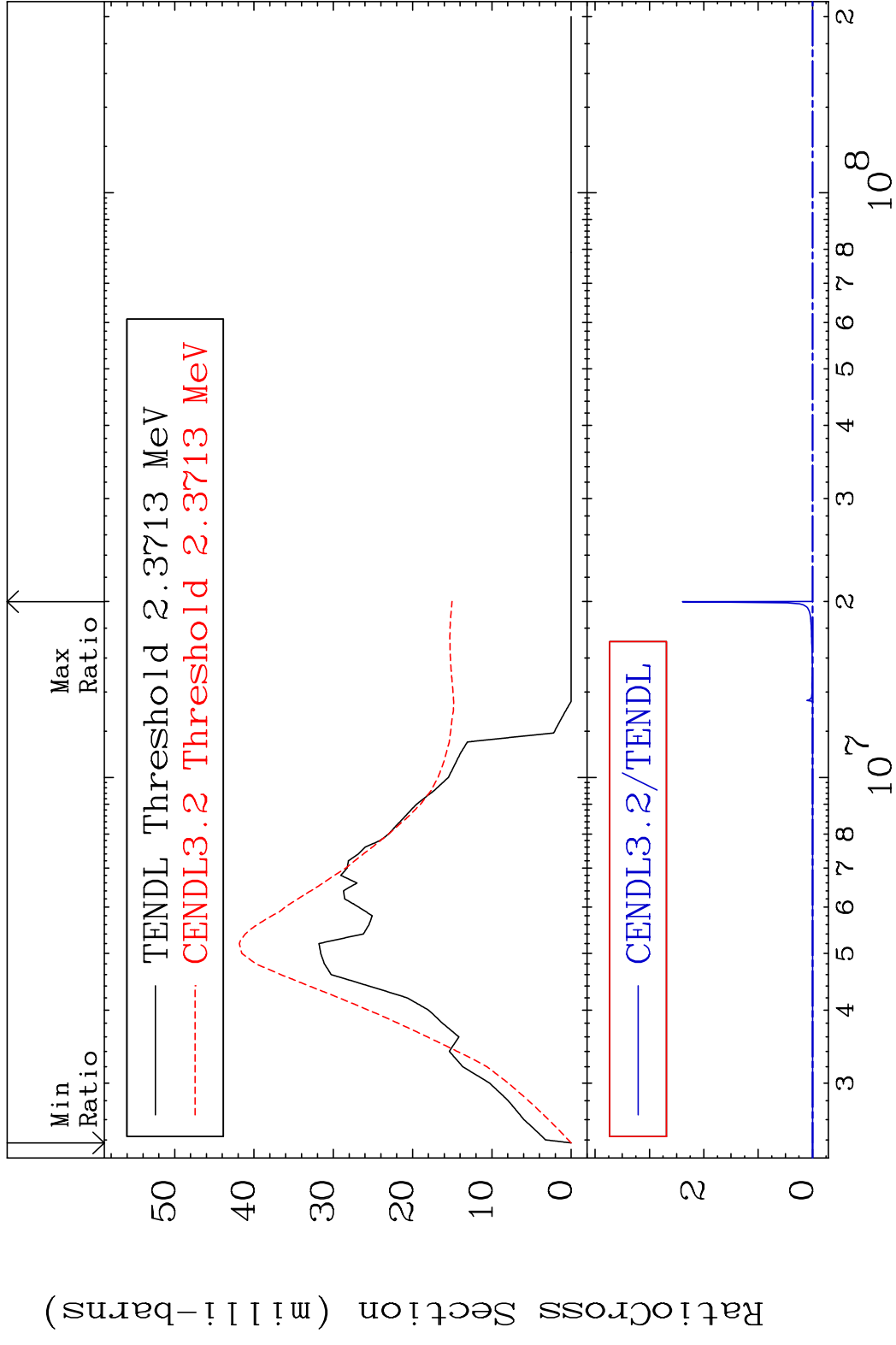


8 10⁶ 2 3 4 5 6 8 10⁷ 2 3 4 5 6 8 10⁸ 2 5-B -10

MAT 525 MT= 52 (n, n') Level 5-B -10
 Cross Section -100.0 To 9999. %

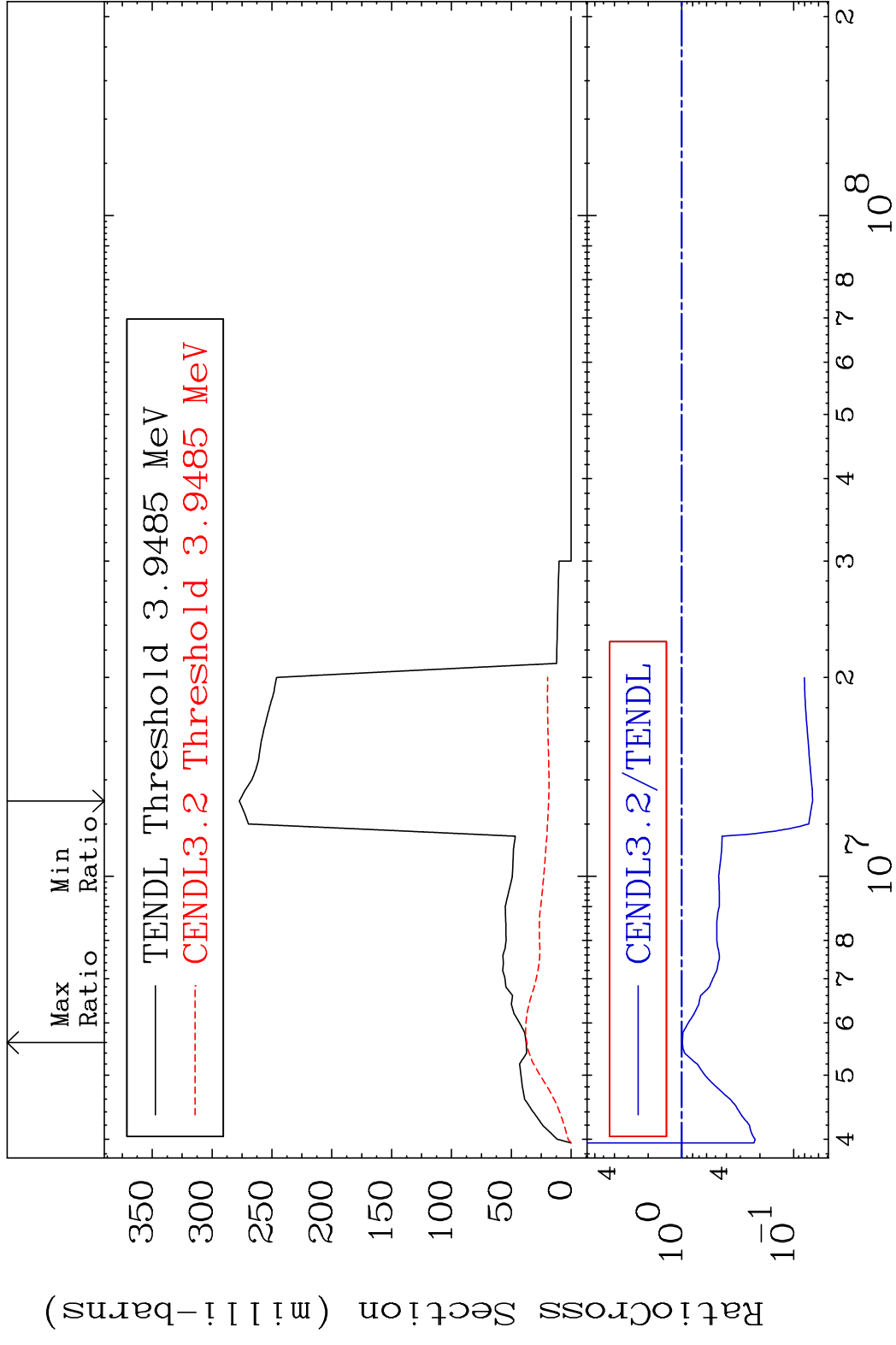


MAT 525 MT= 53 (n, n') Level 5-B -10
 Cross Section -100.0 To 9999. %

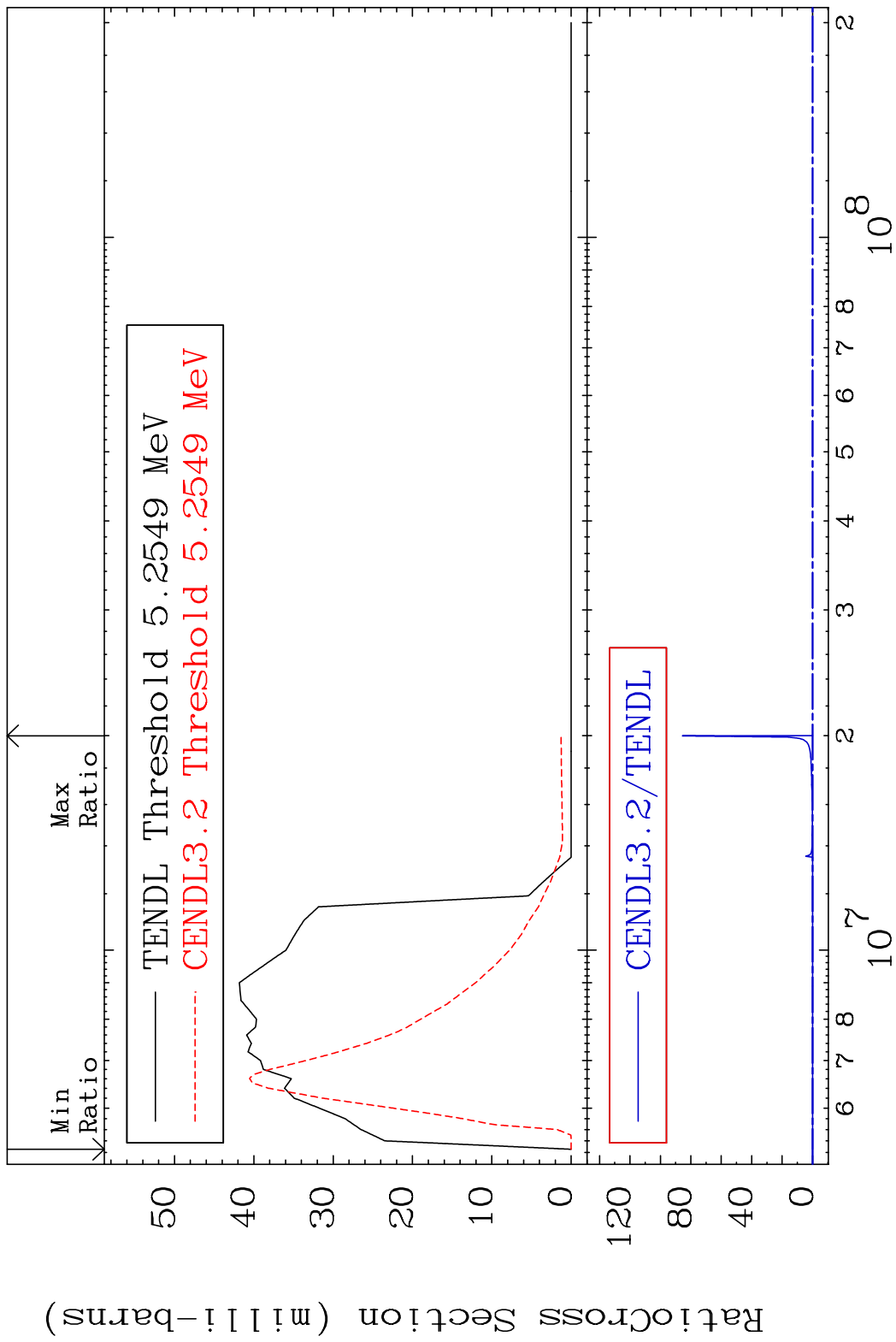


10 Incident Energy (eV) 5-B -10

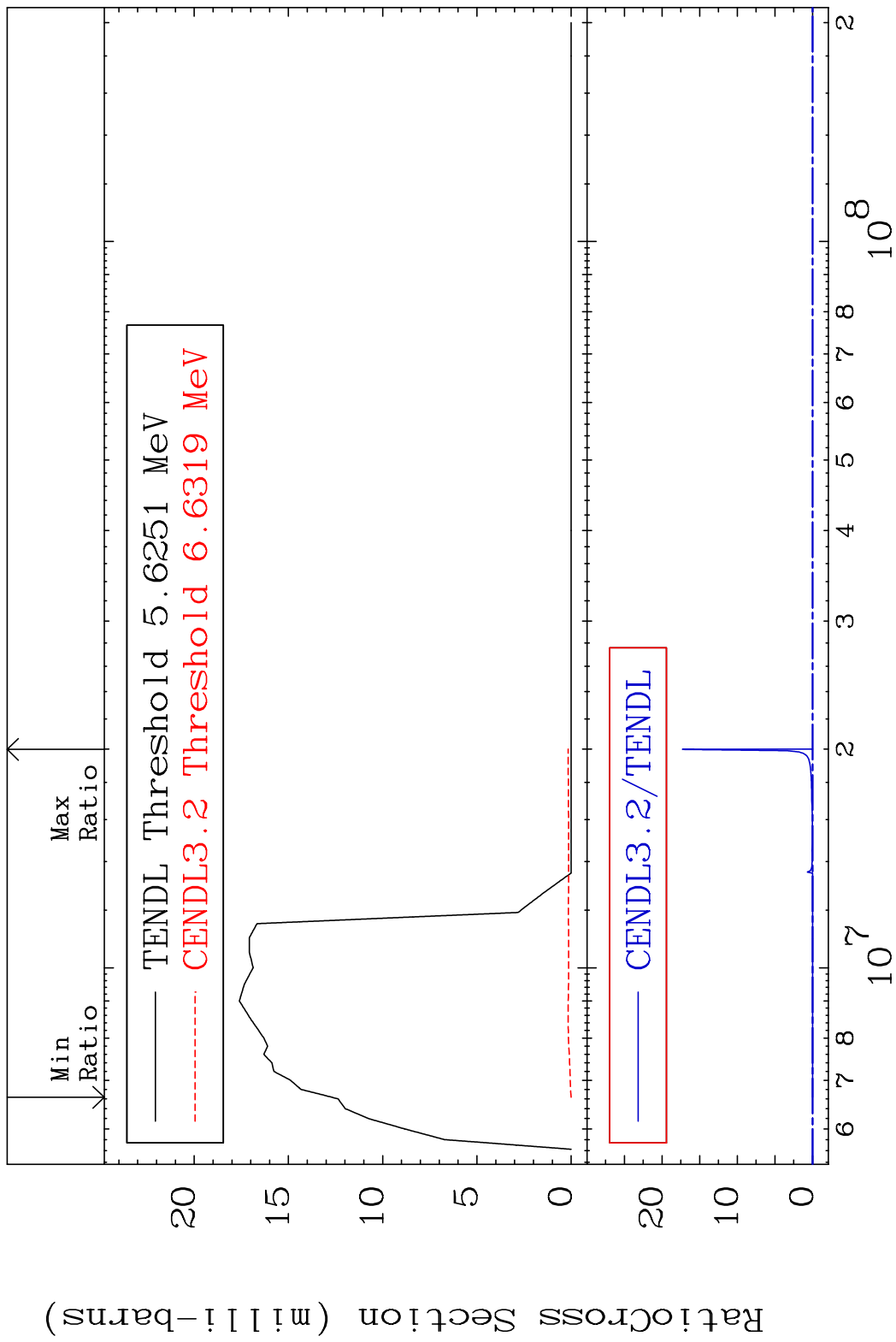
MAT 525 MT= 54 (n, n') Level 5-B -10
 Cross Section -93.22 To -1.167%



MAT 525 MT= 55 (n,n') Level 5-B -10
 Cross Section -100.0 To 9999. %



MAT 525 MT= 56 (n,n') Level 5-B -10
 Cross Section -100.0 To 9999. %



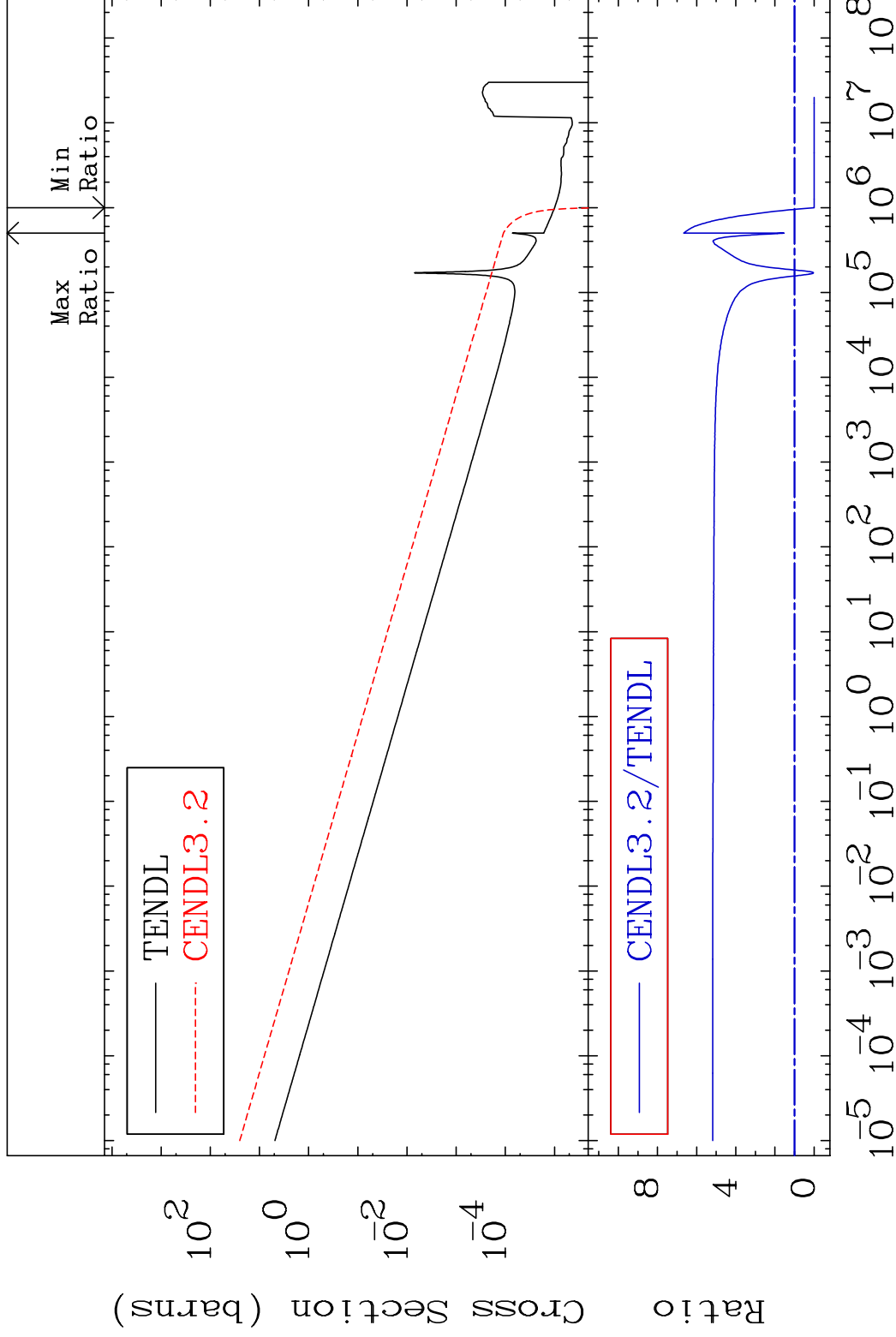
13 Incident Energy (eV) 5-B -10

MAT 525

(n, γ)

5-B -10

Cross Section -100.0 To 566.3 %



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Incident Energy (eV)

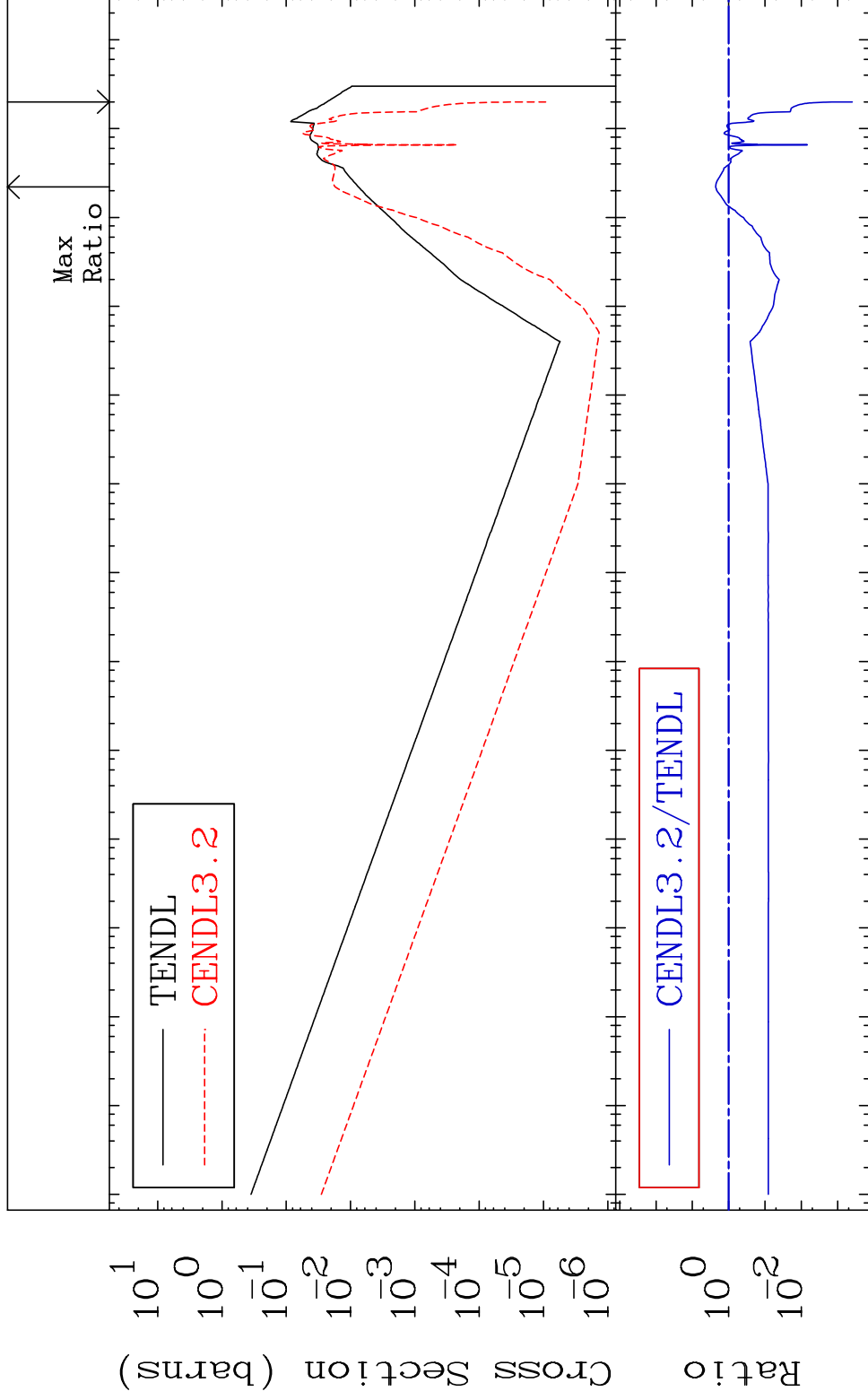
5-B -10

MAT 525

(n, p)

Cross Section

5-B -10
-99.96 To 128.5 %

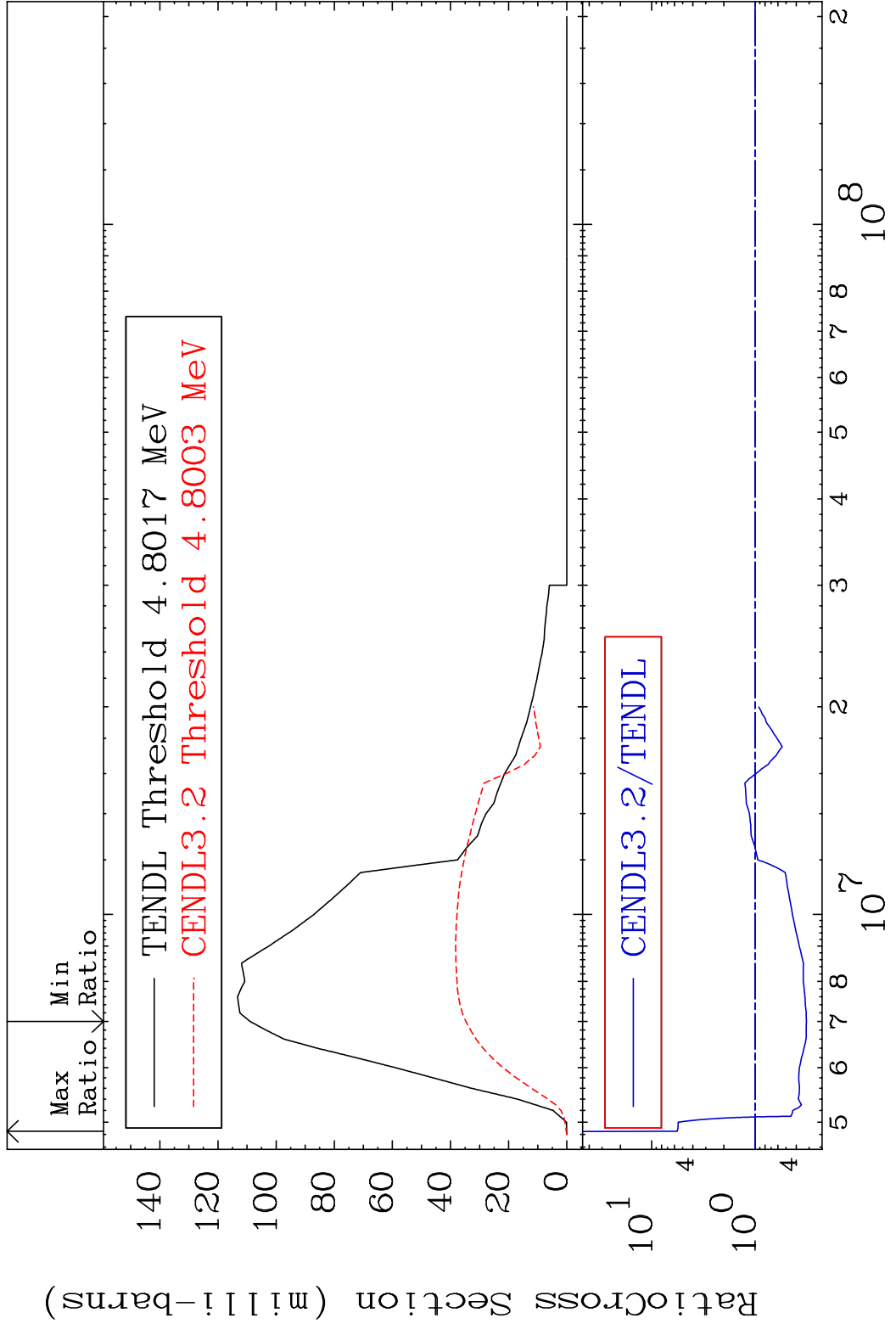


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Incident Energy (eV)

5-B -10

MAT 525 (n,d) 5-B -10
 Cross Section -68.13 To 465.2 %

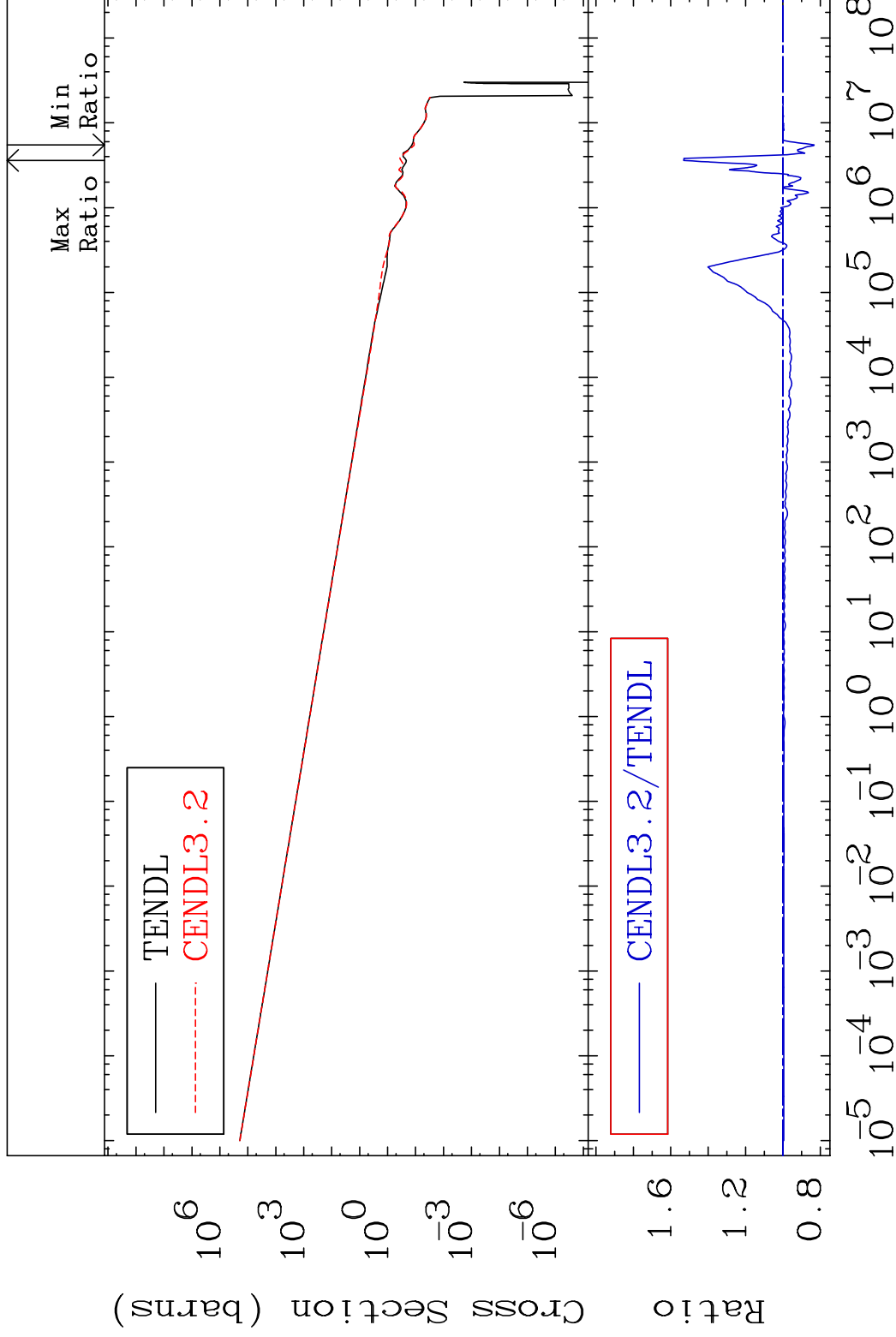


MAT 525

(n, α)

5-B -10

Cross Section -16.66 To 53.11 %

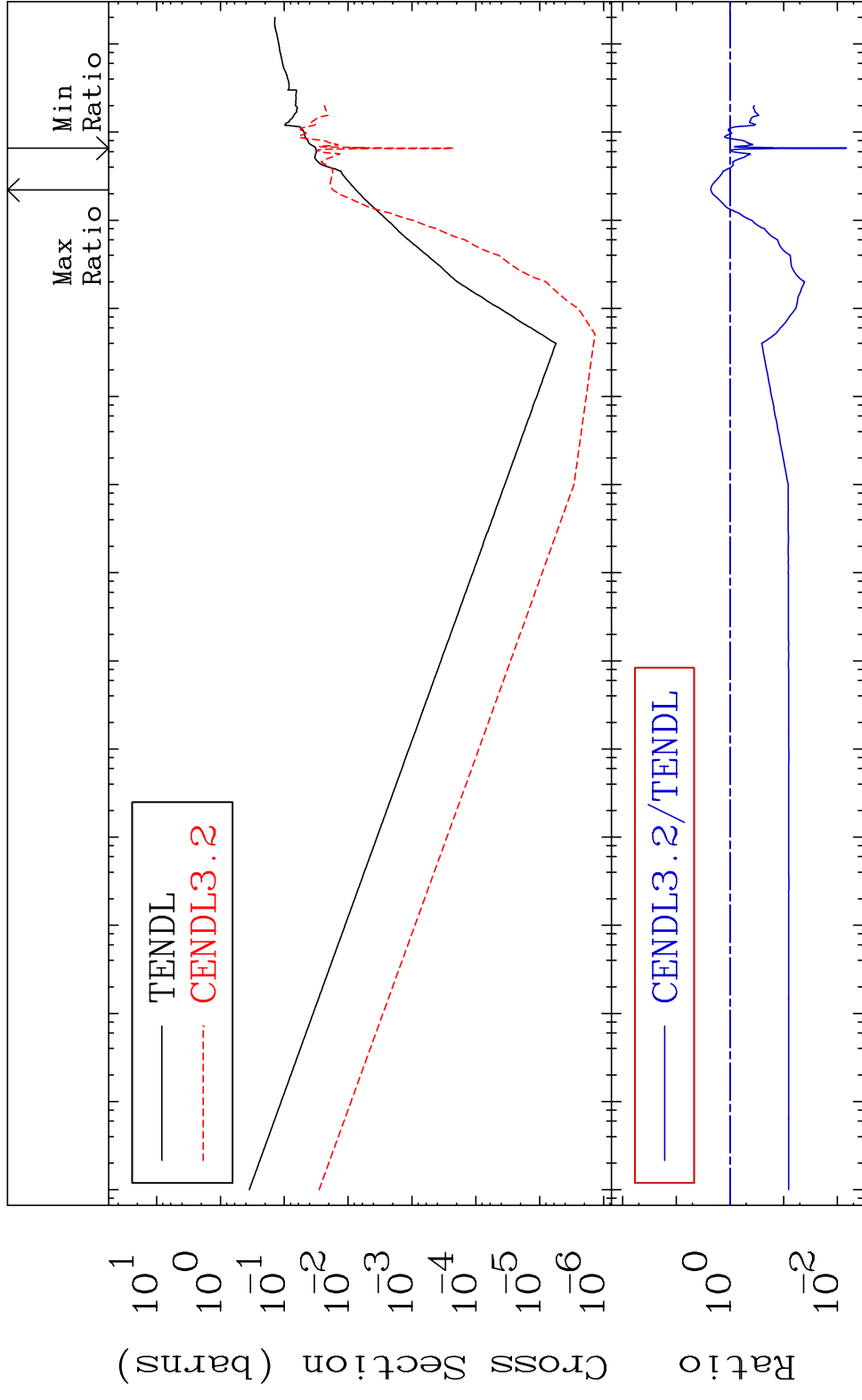


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Incident Energy (eV)

5-B -10

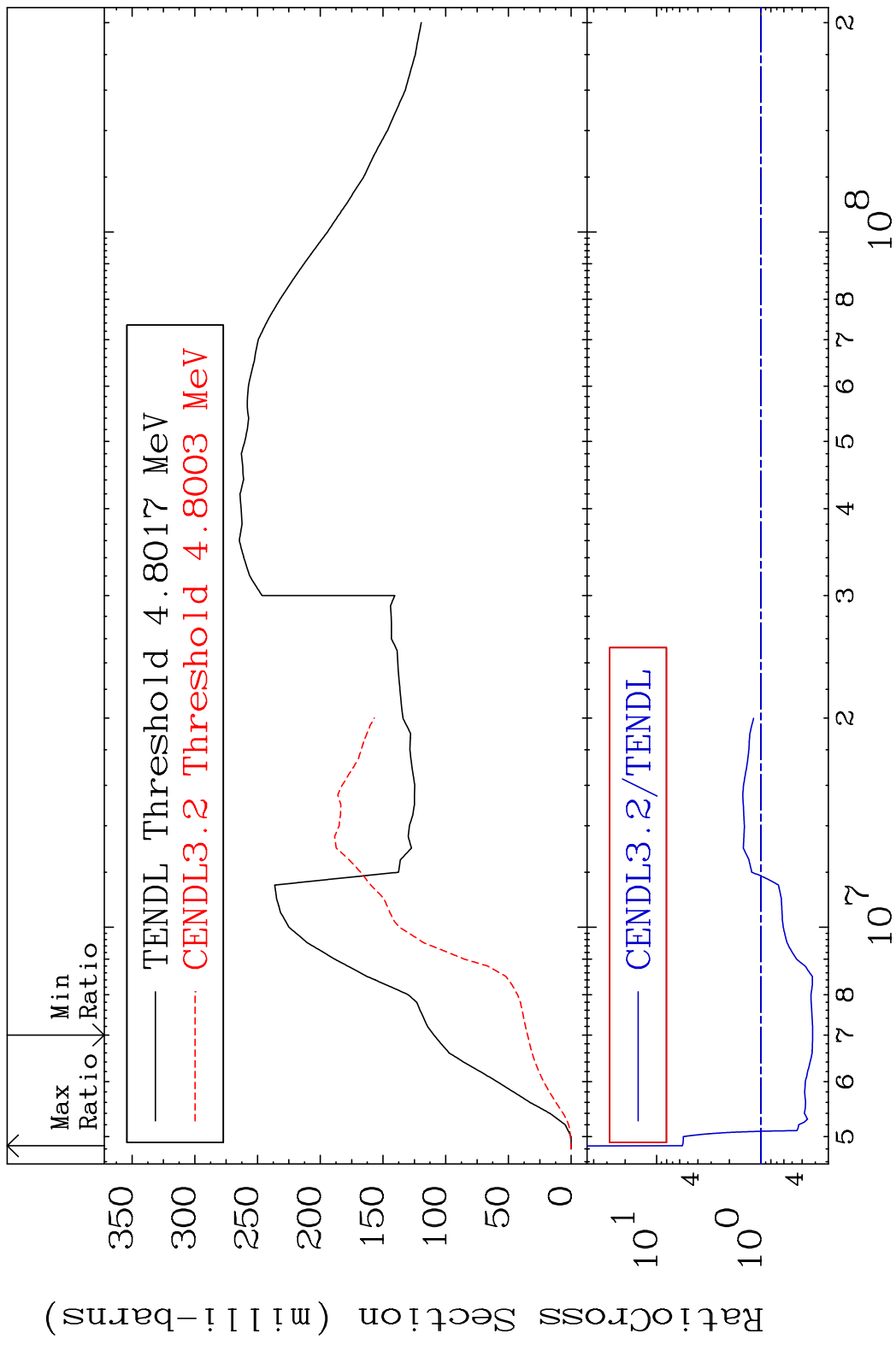
MAT 525 Hydrogen Production Cross Section -99.32 To 128.5 % 5-B -10



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

18 Incident Energy (eV) 5-B -10

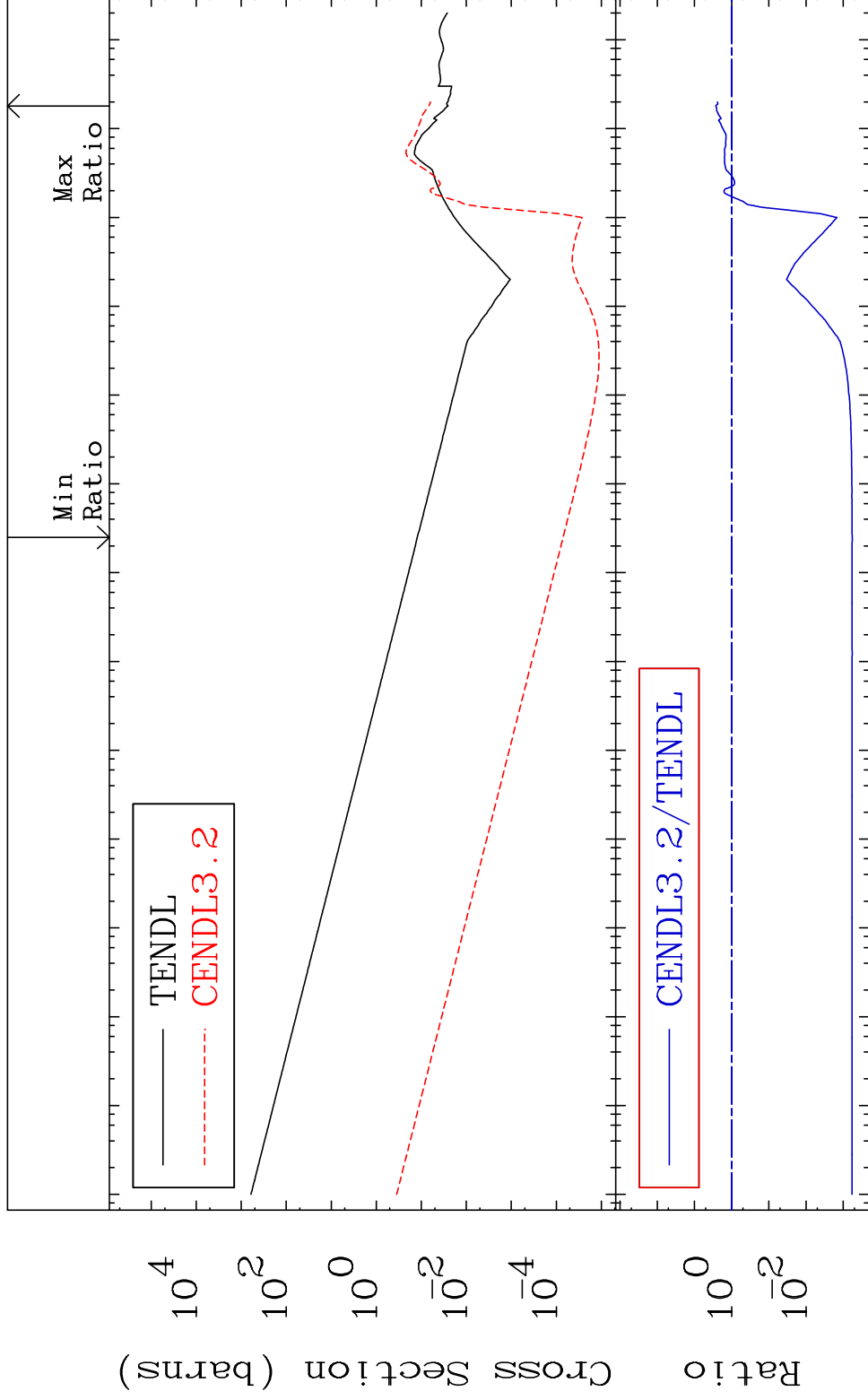
MAT 525 Deuterium Production 5-B -10
 Cross Section -68.16 To 465.2 %



MAT 525

Tritium Production Cross Section -99.94 To 169.1 %

5-B -10



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Incident Energy (eV)

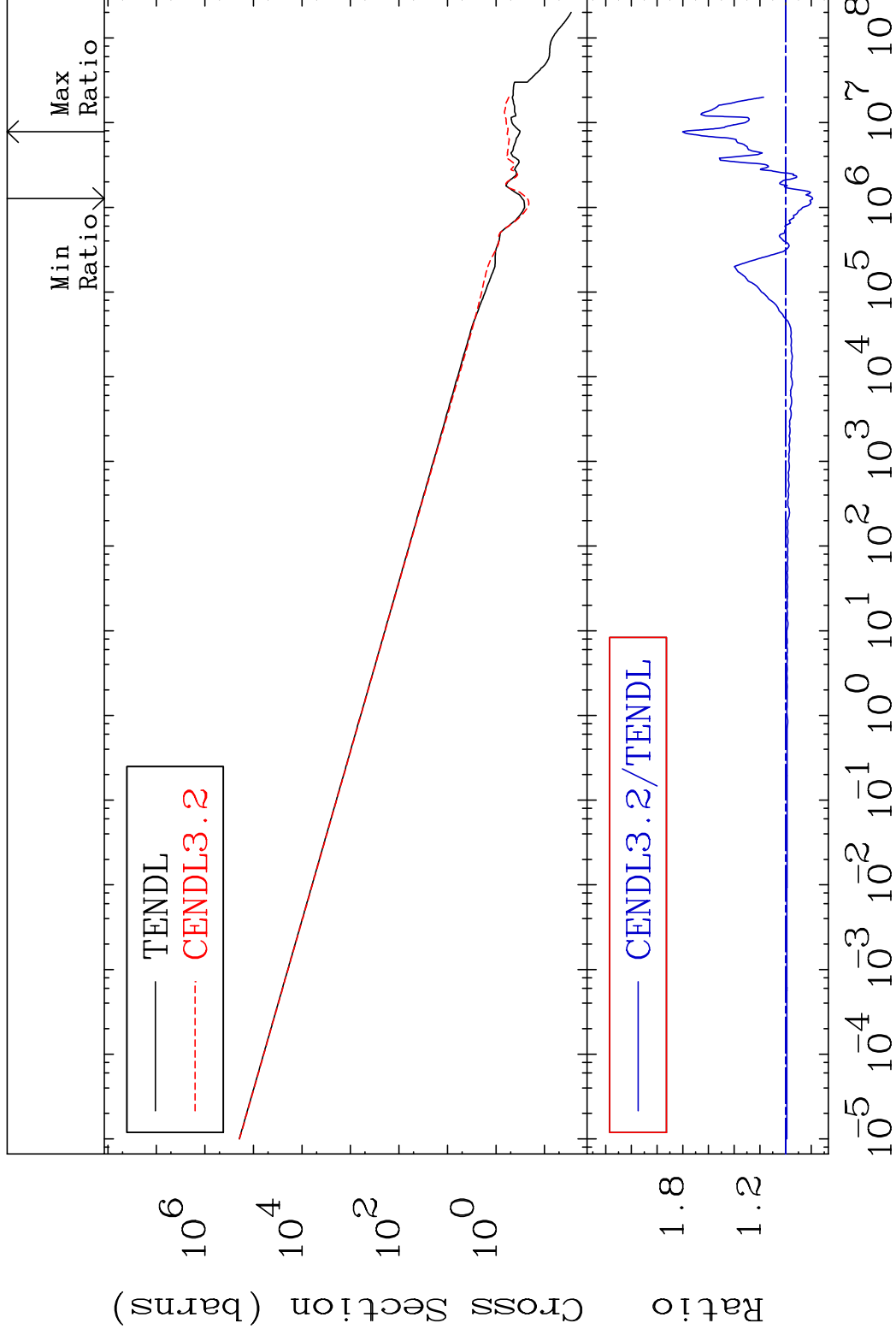
5-B -10

MAT 525

He-4 Production

5-B -10

Cross Section -20.97 To 80.33 %

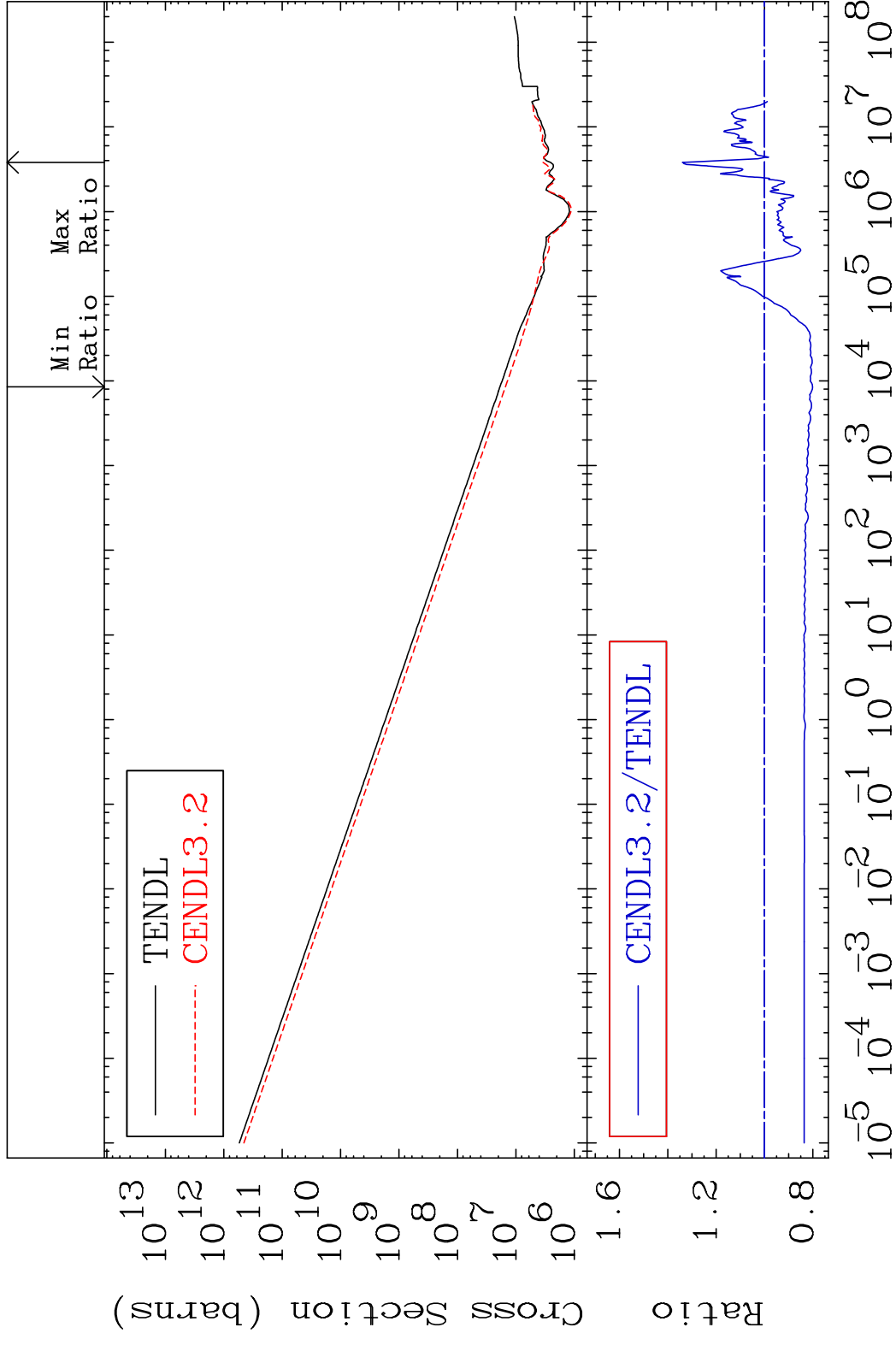


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Incident Energy (eV)

5-B -10

MAT 525 Kerma total (eV-barns) 5-B -10
 Cross Section -19.93 To 33.96 %

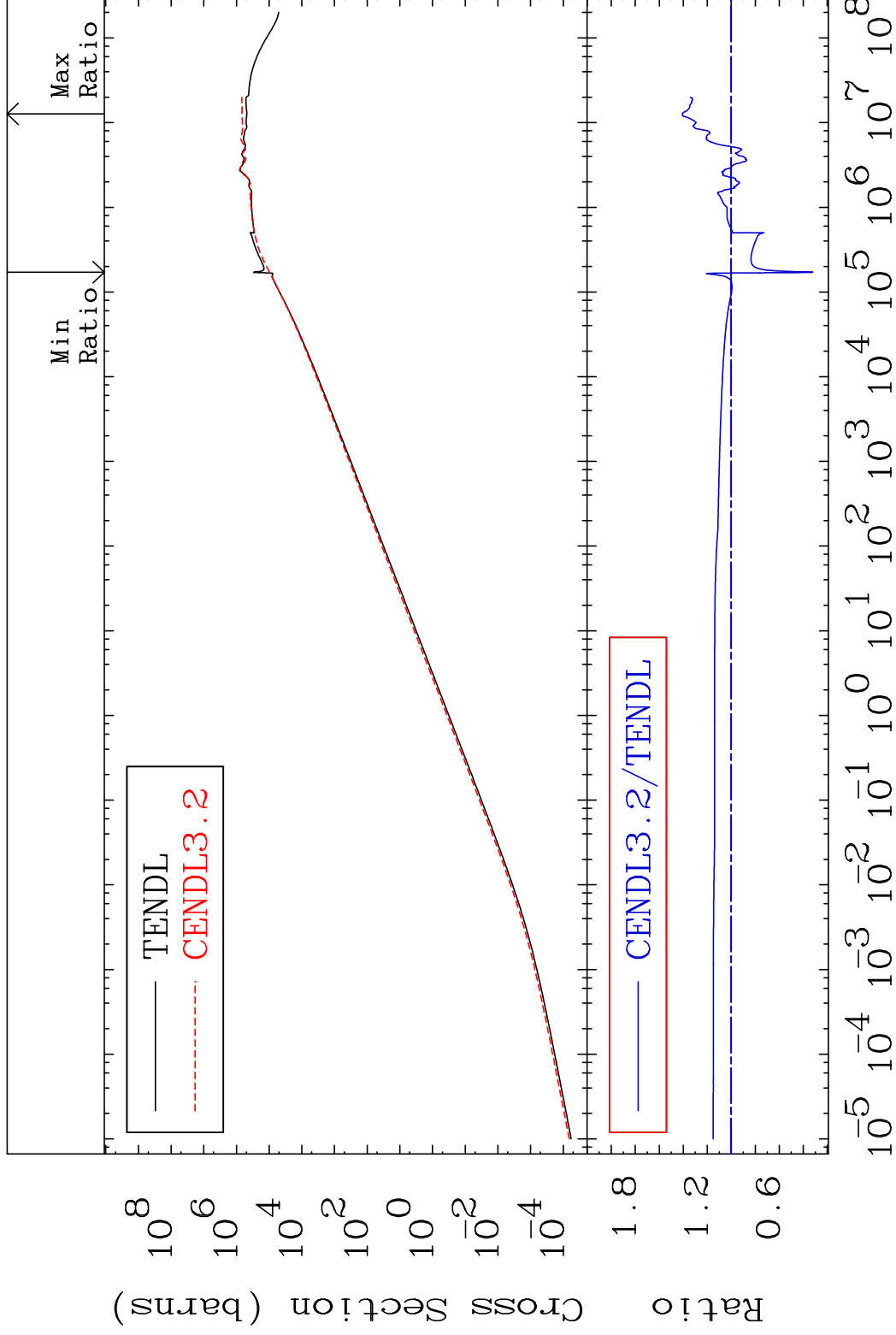


22 Incident Energy (eV) 5-B -10

MAT 525

Kerma elastic
Cross Section

5-B -10
-67.74 To 40.74 %

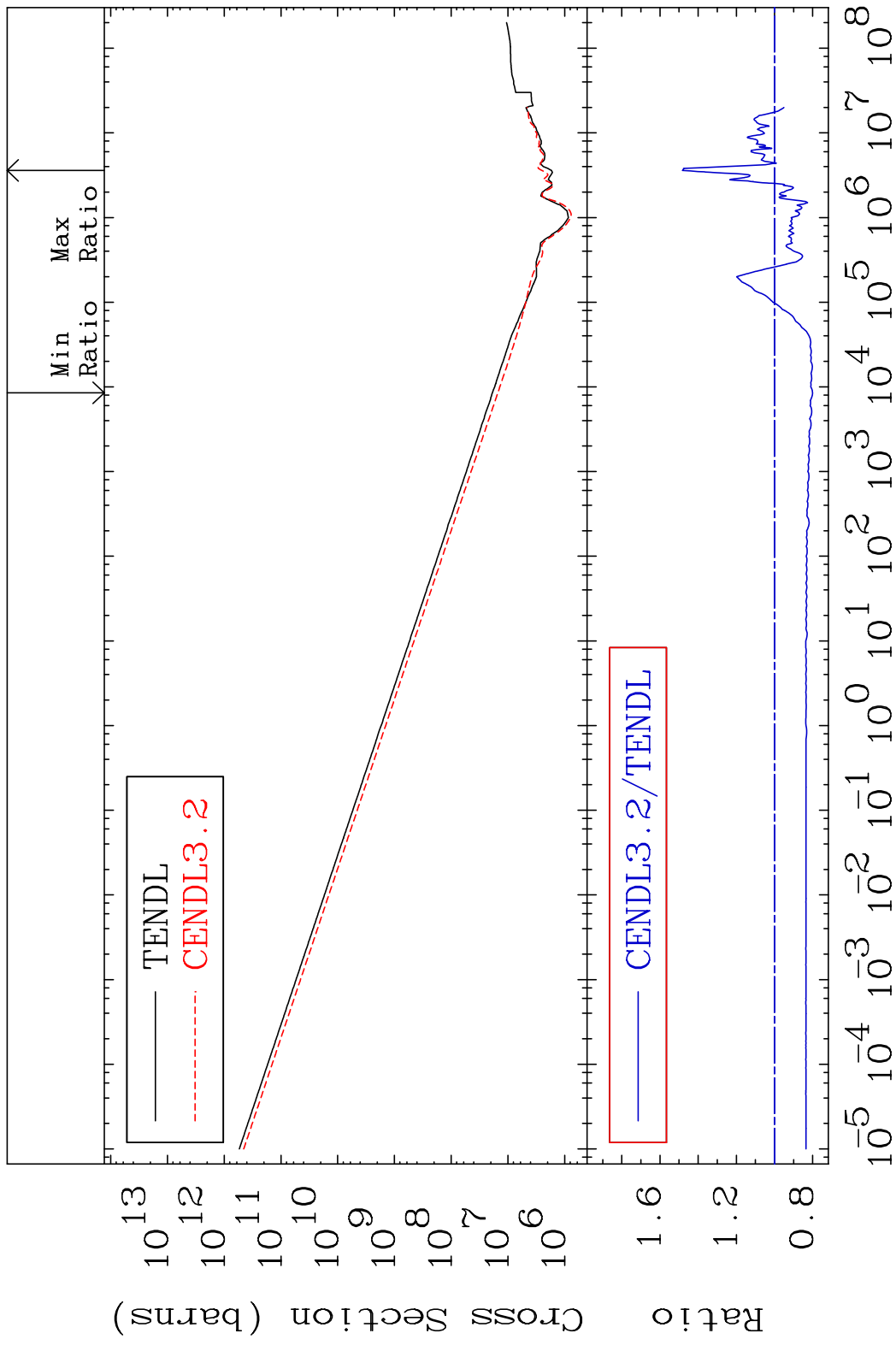


23

Incident Energy (eV)

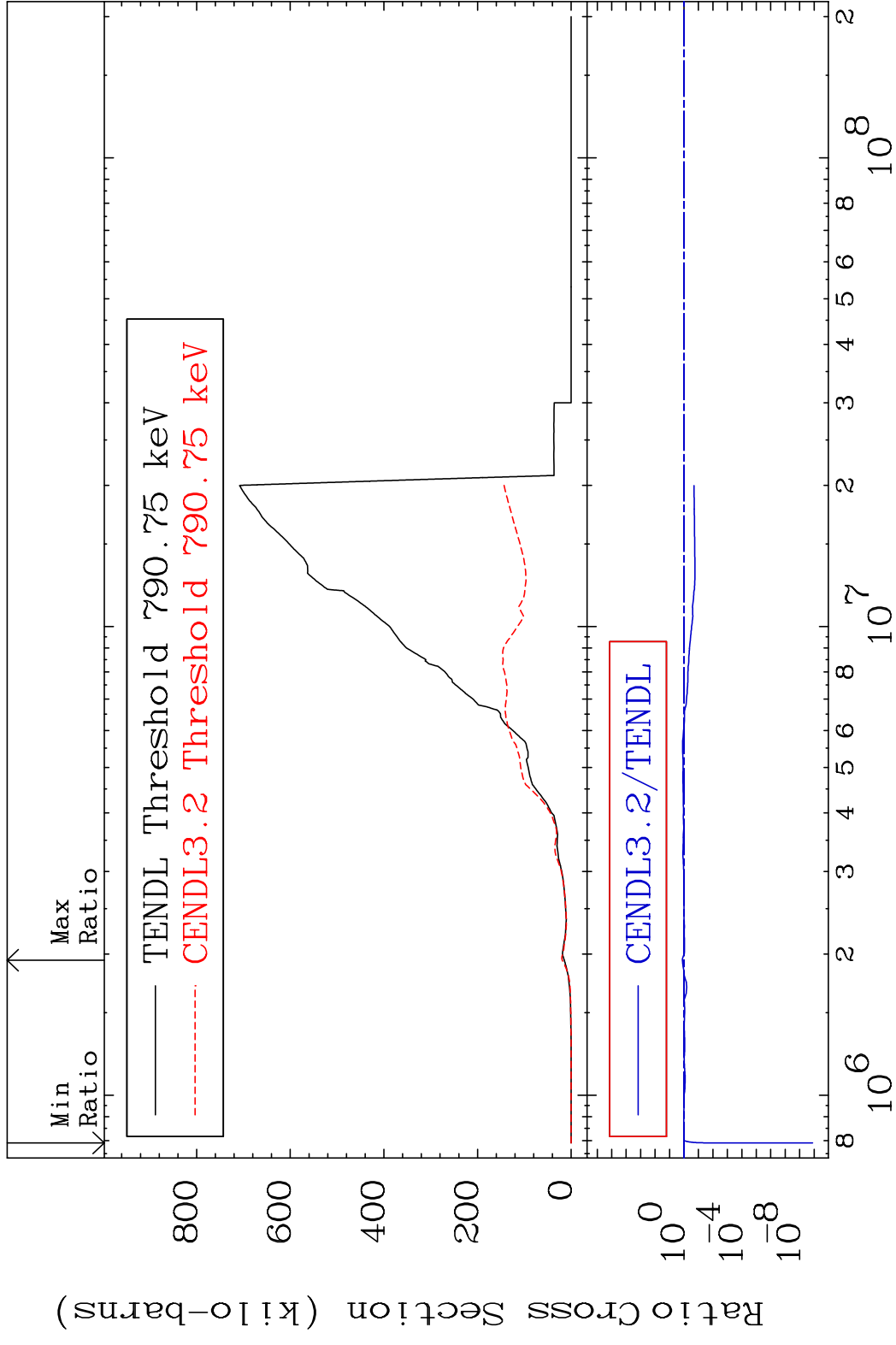
5-B -10

MAT 525 Kerma non-elastic (all but mt2) 5-B -10
 Cross Section -19.93 To 48.27 %

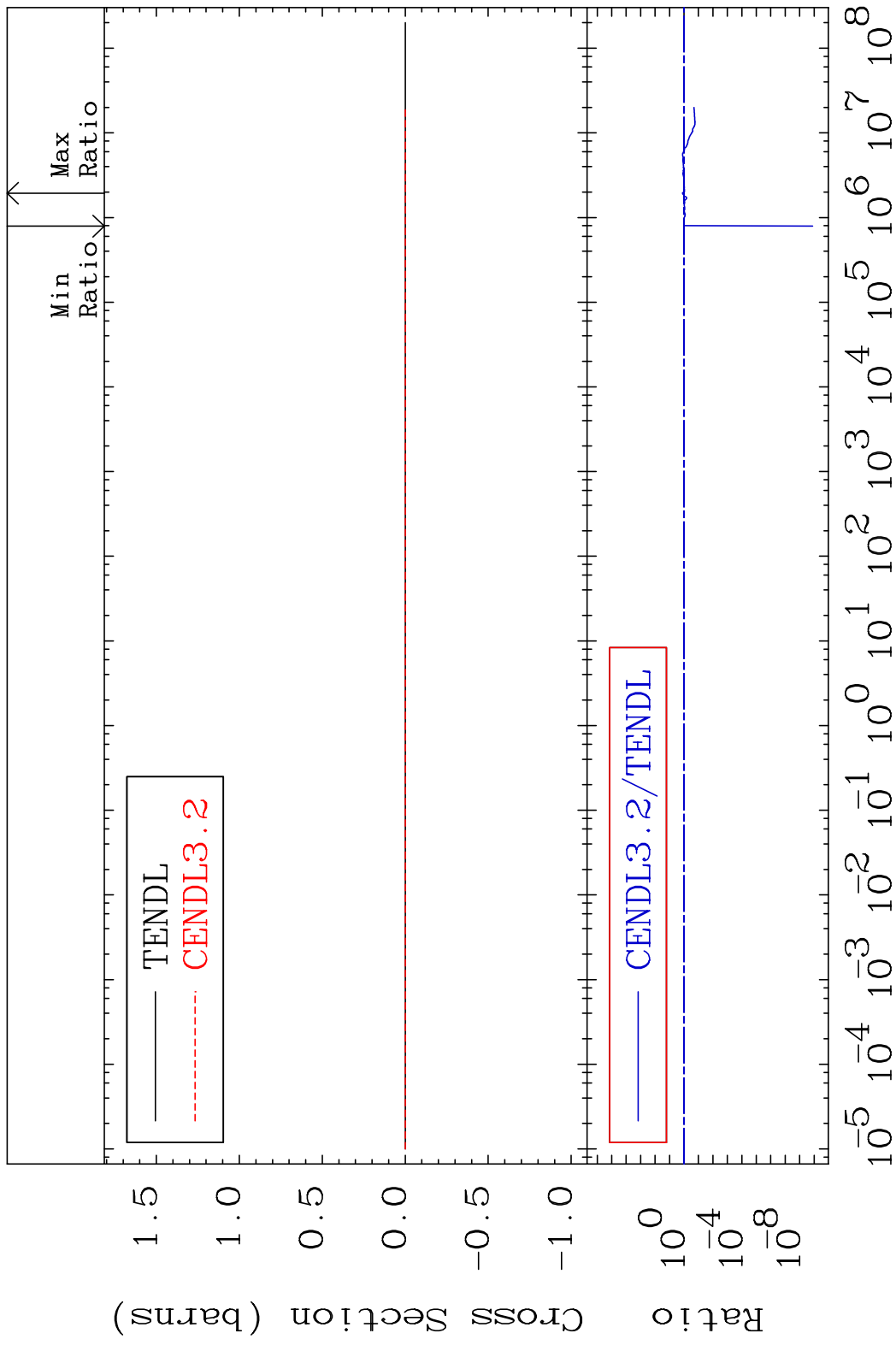


24 Incident Energy (eV) 5-B -10

MAT 525 Kerma inelastic (mt51-91) 5-B -10
 Cross Section -100.0 To 29.28 %

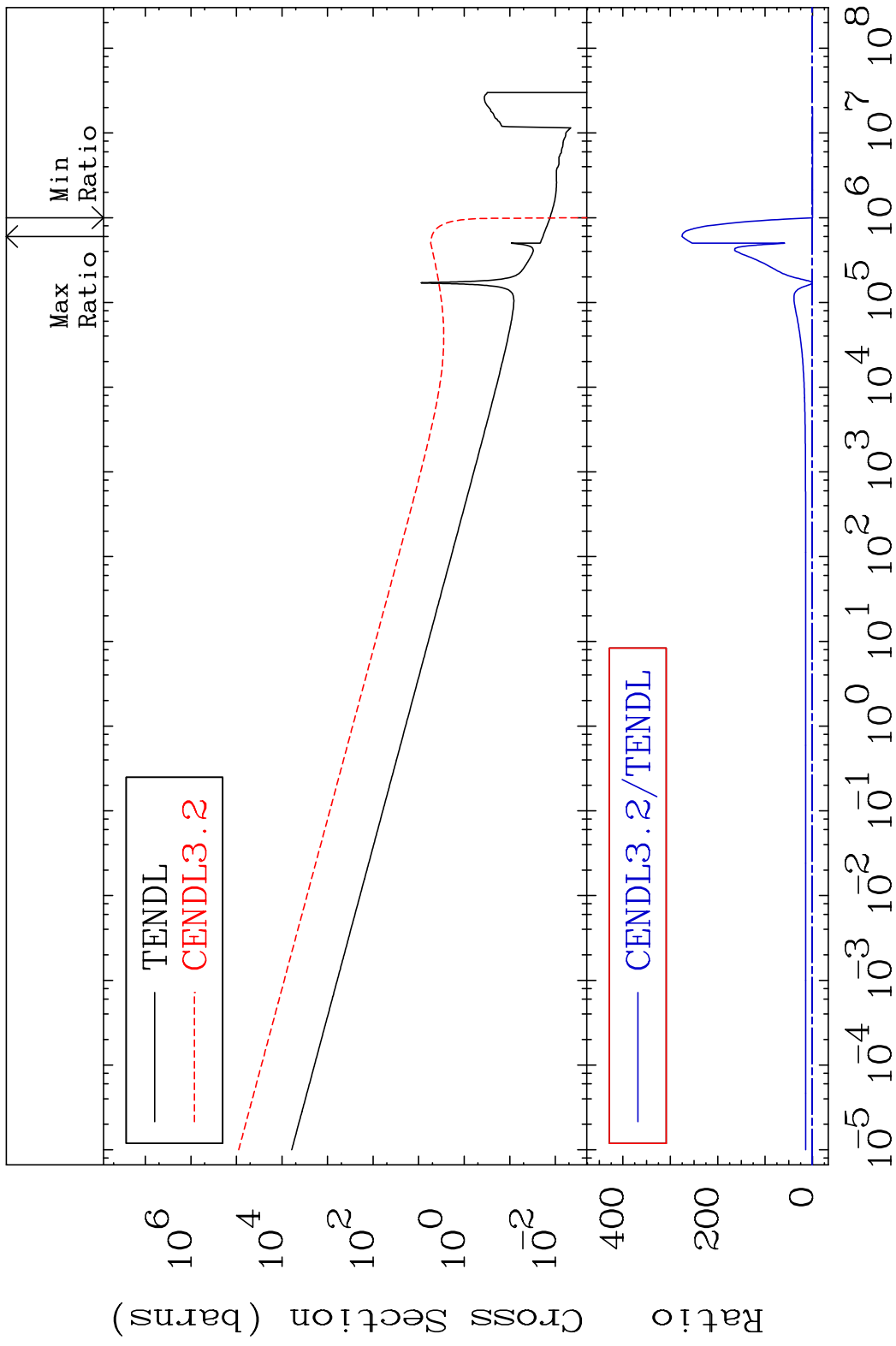


MAT 525 Kerma fission (mt18 or mt19-20-21-38) 5-B -10
 Cross Section -100.0 To 29.28 %



MAT 525

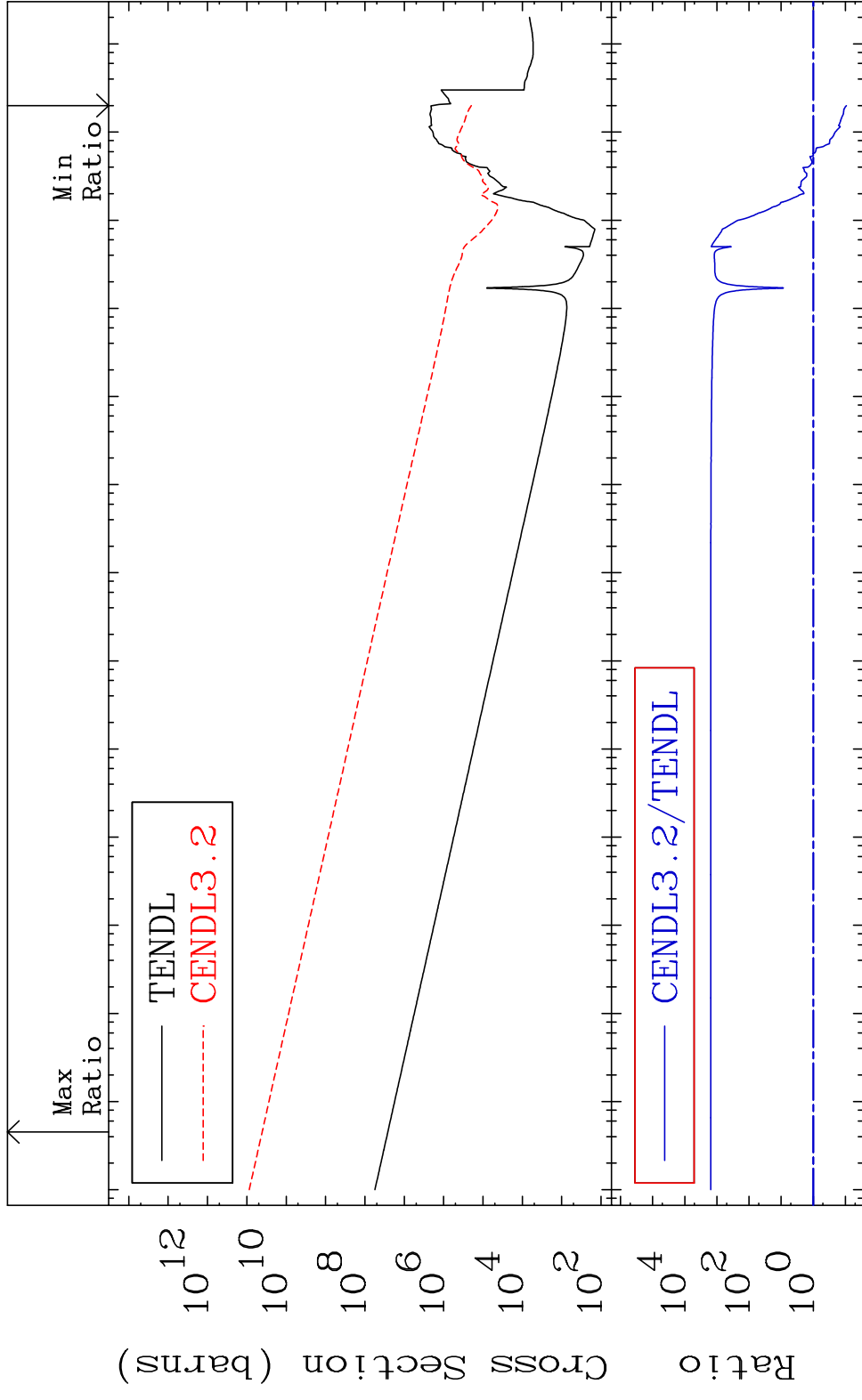
Kerma capture (mt102) 5-B -10
Cross Section -100.0 To 9999. %



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Incident Energy (eV) 5-B -10

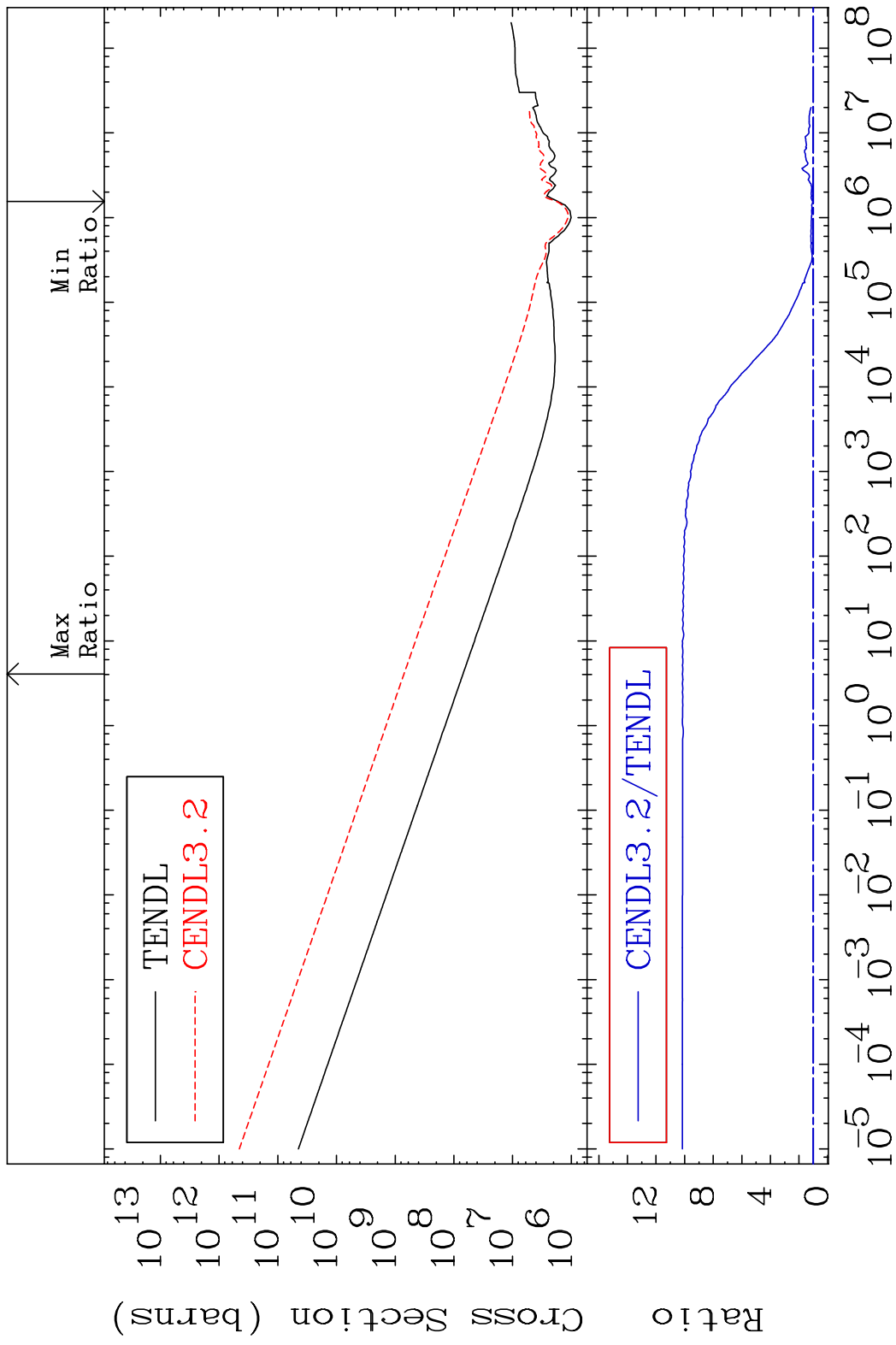
MAT 525 Total photon (eV-barns) 5-B -10
 Cross Section -90.63 To 9999. %

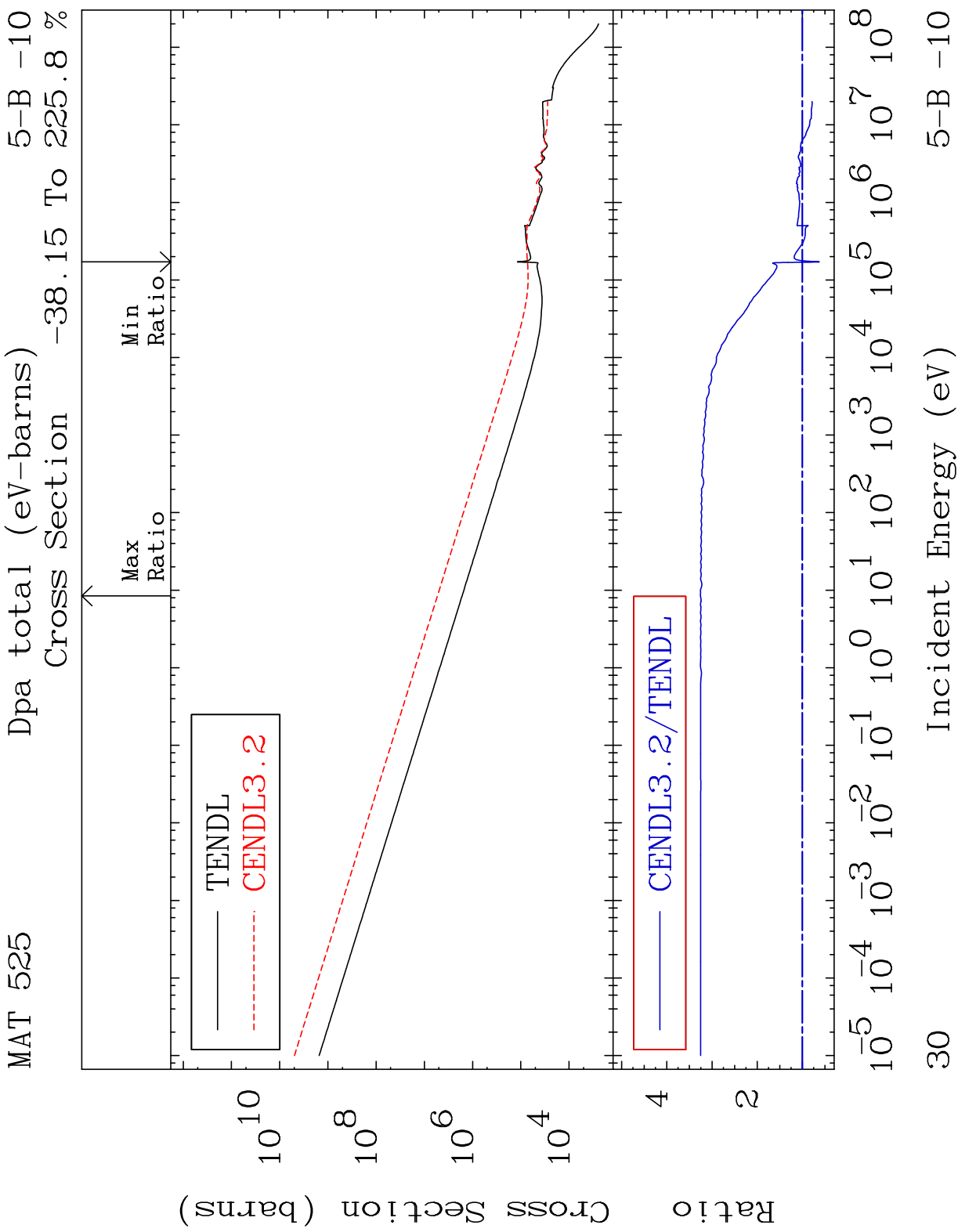


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

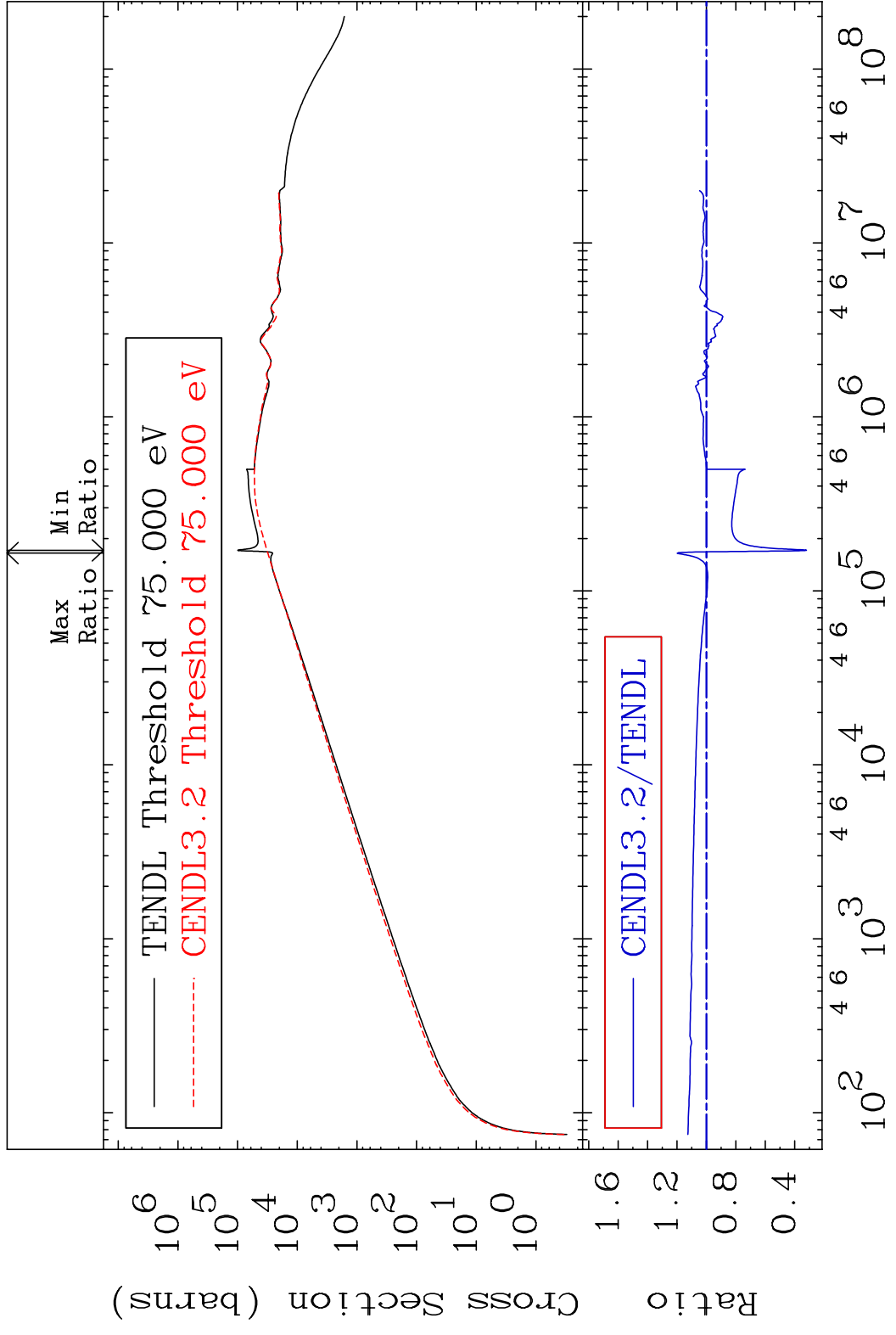
28 Incident Energy (eV) 5-B -10

MAT 525 Total kinematic kerma (high limit) 5-B -10
 Cross Section 5.425 To 916.0 %

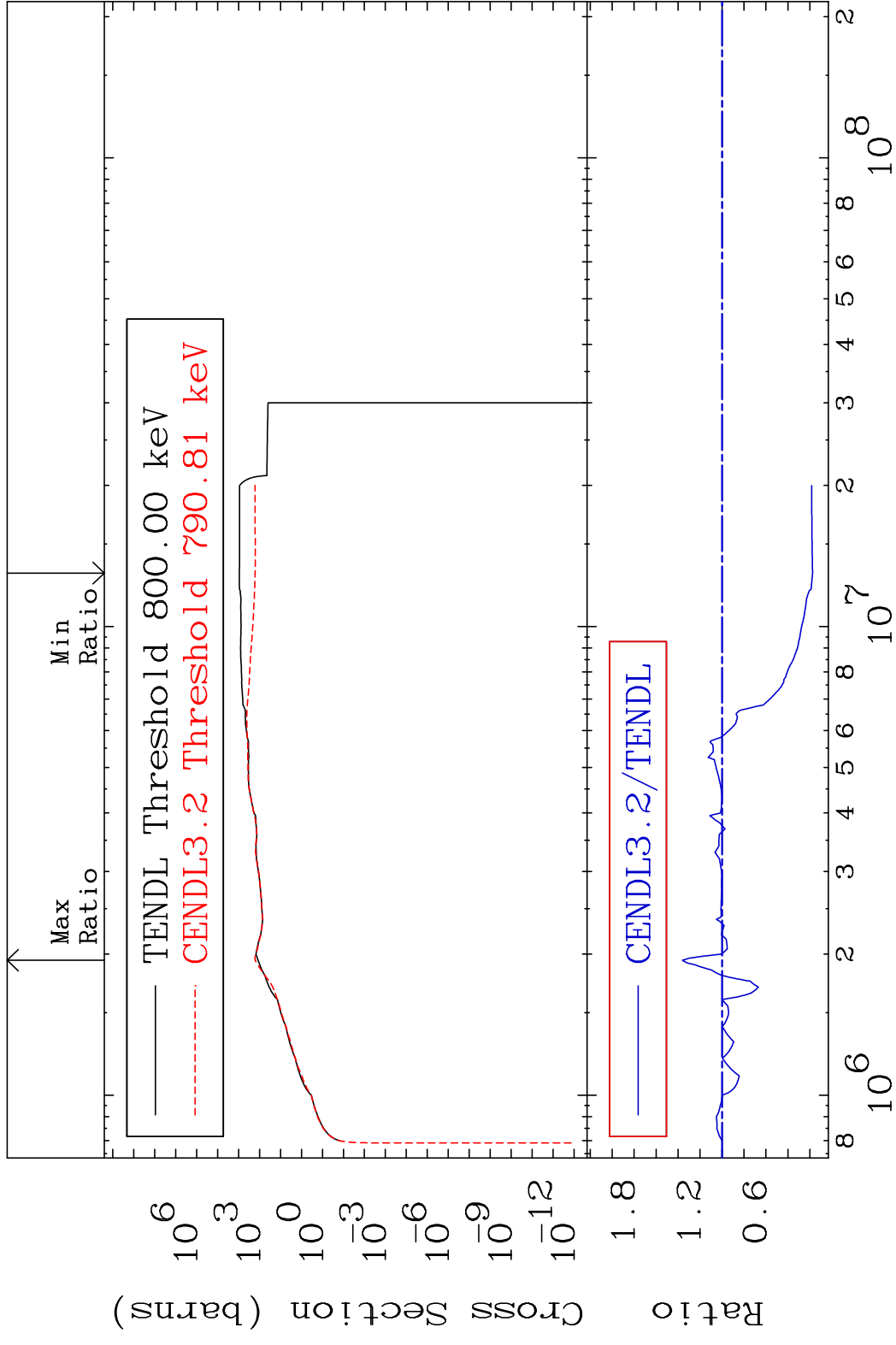




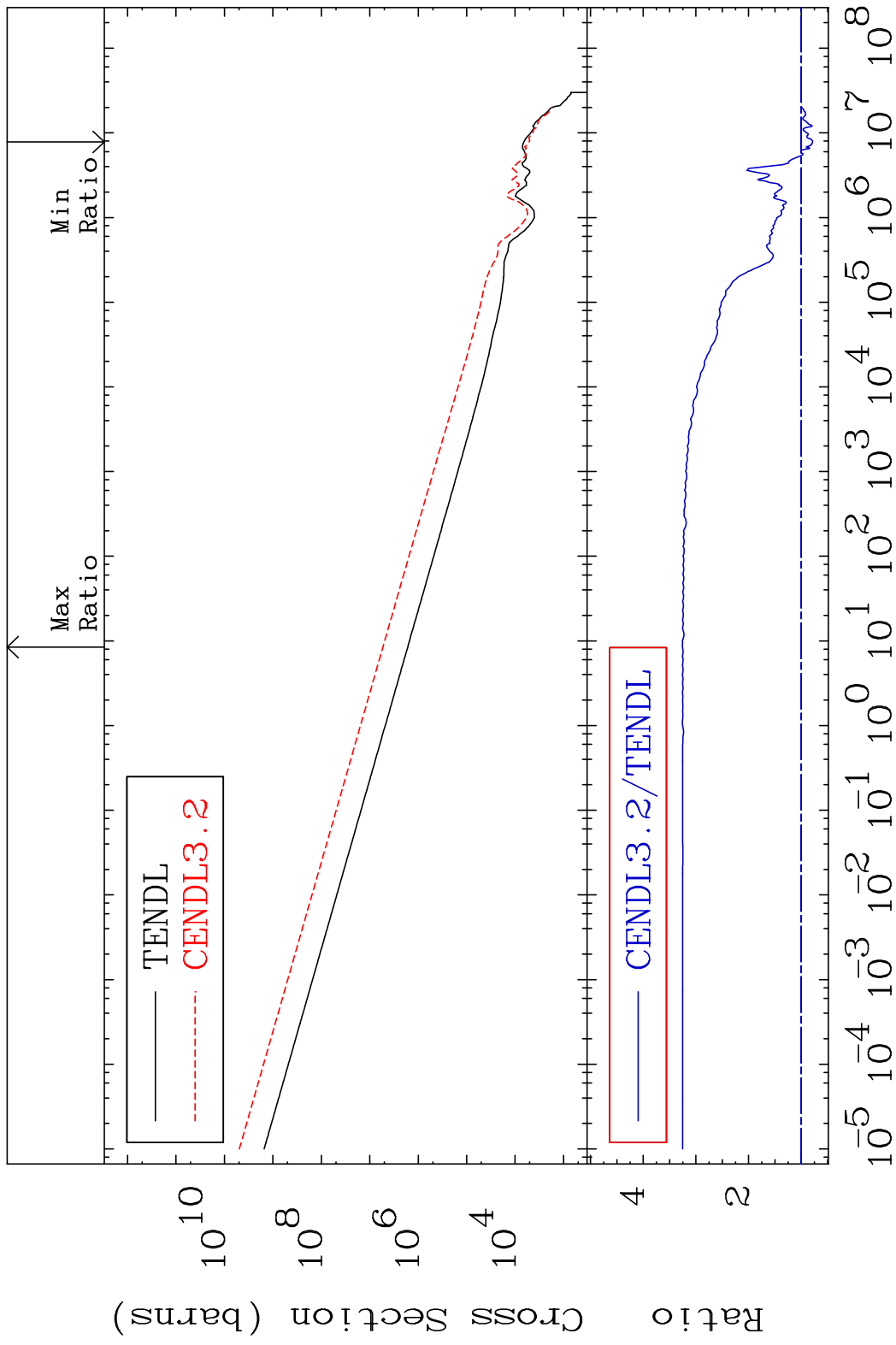
MAT 525 Dpa elastic (mt2) 5-B -10
 Cross Section -67.95 To 19.86 %



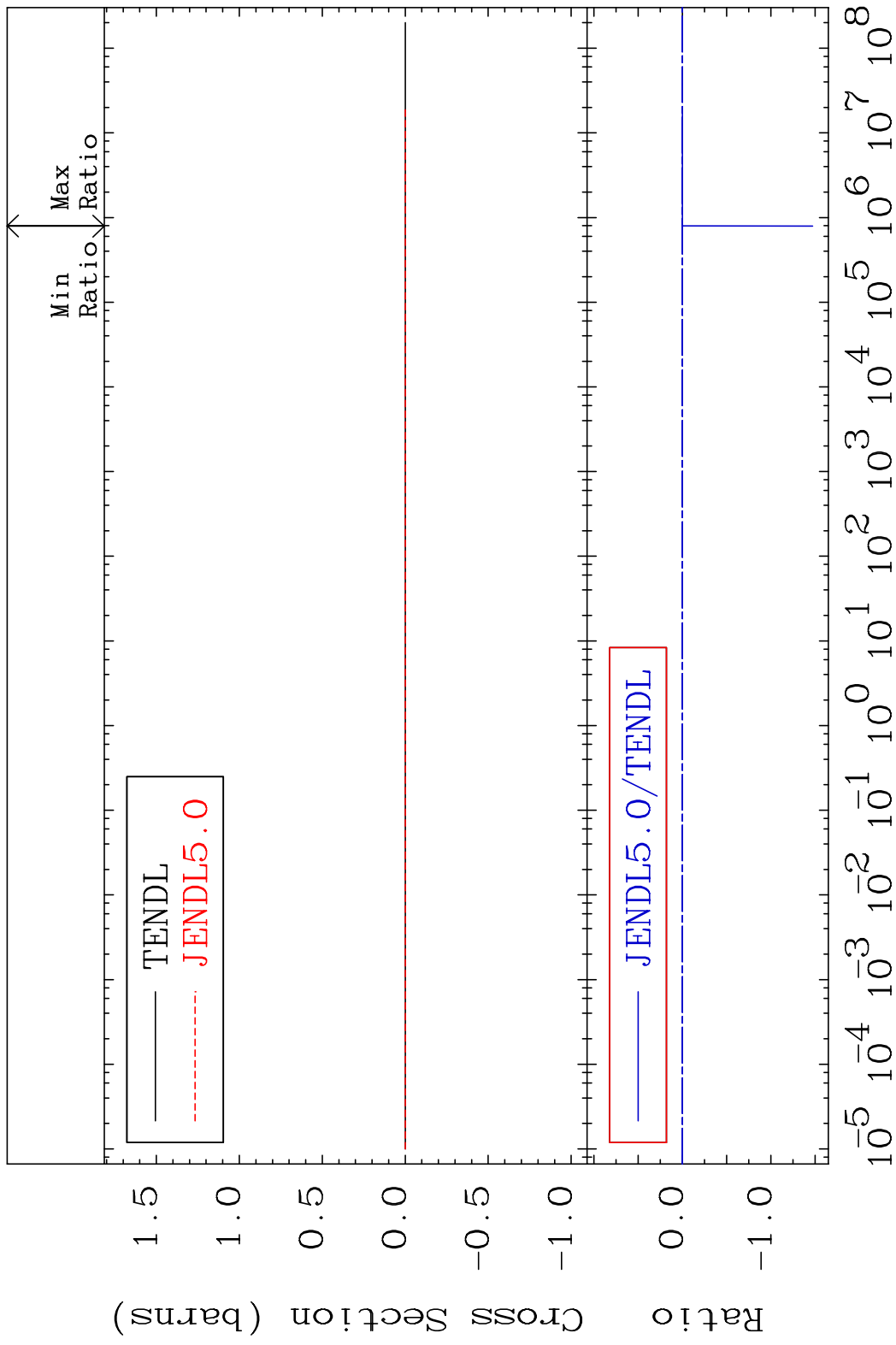
MAT 525 Dpa inelastic (mt51-91) 5-B -10
 Cross Section -82.44 To 36.10 %



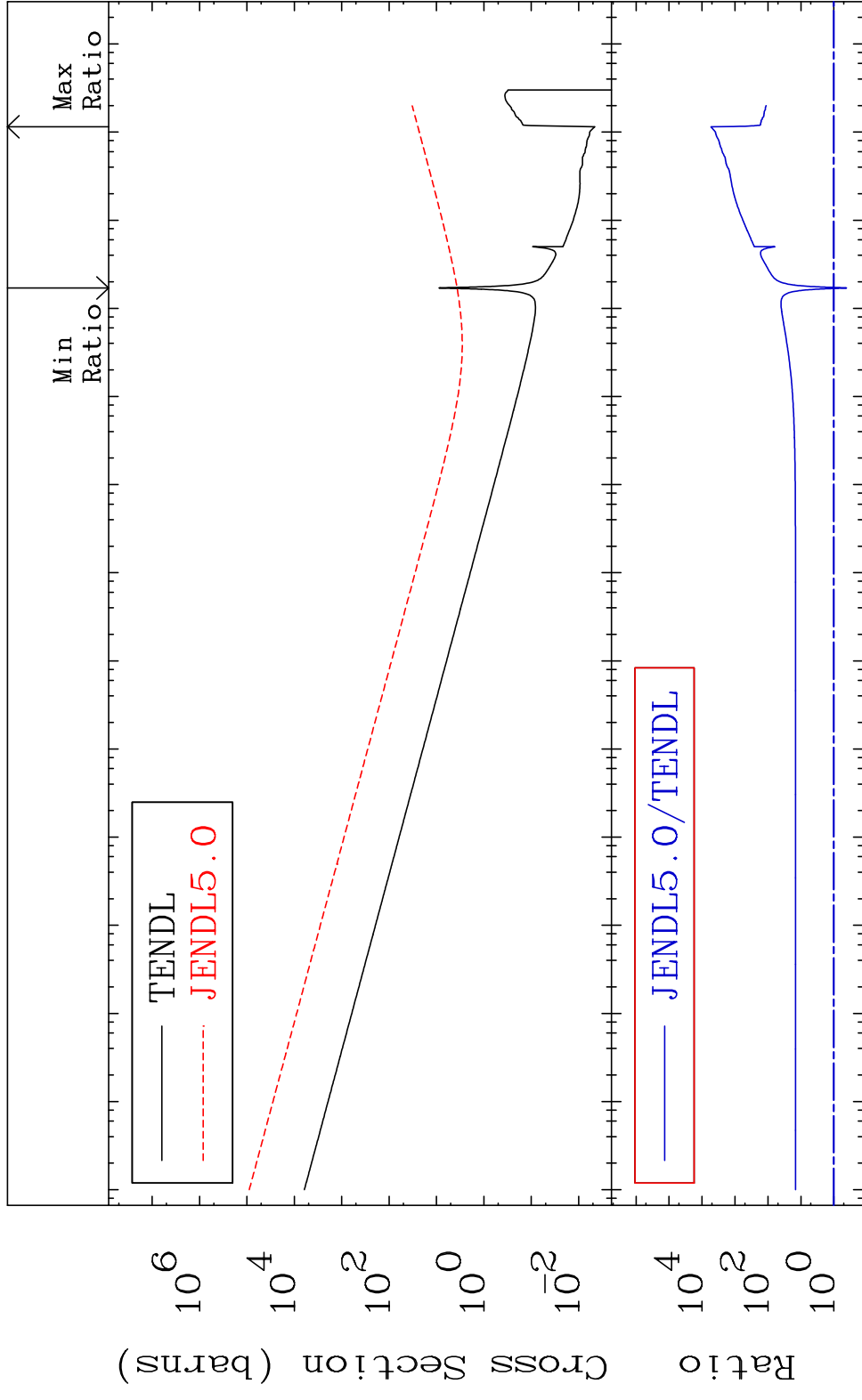
MAT 525 Dpa disappearance (mt102 -120) 5-B -10
 Cross Section -21.44 To 225.8 %



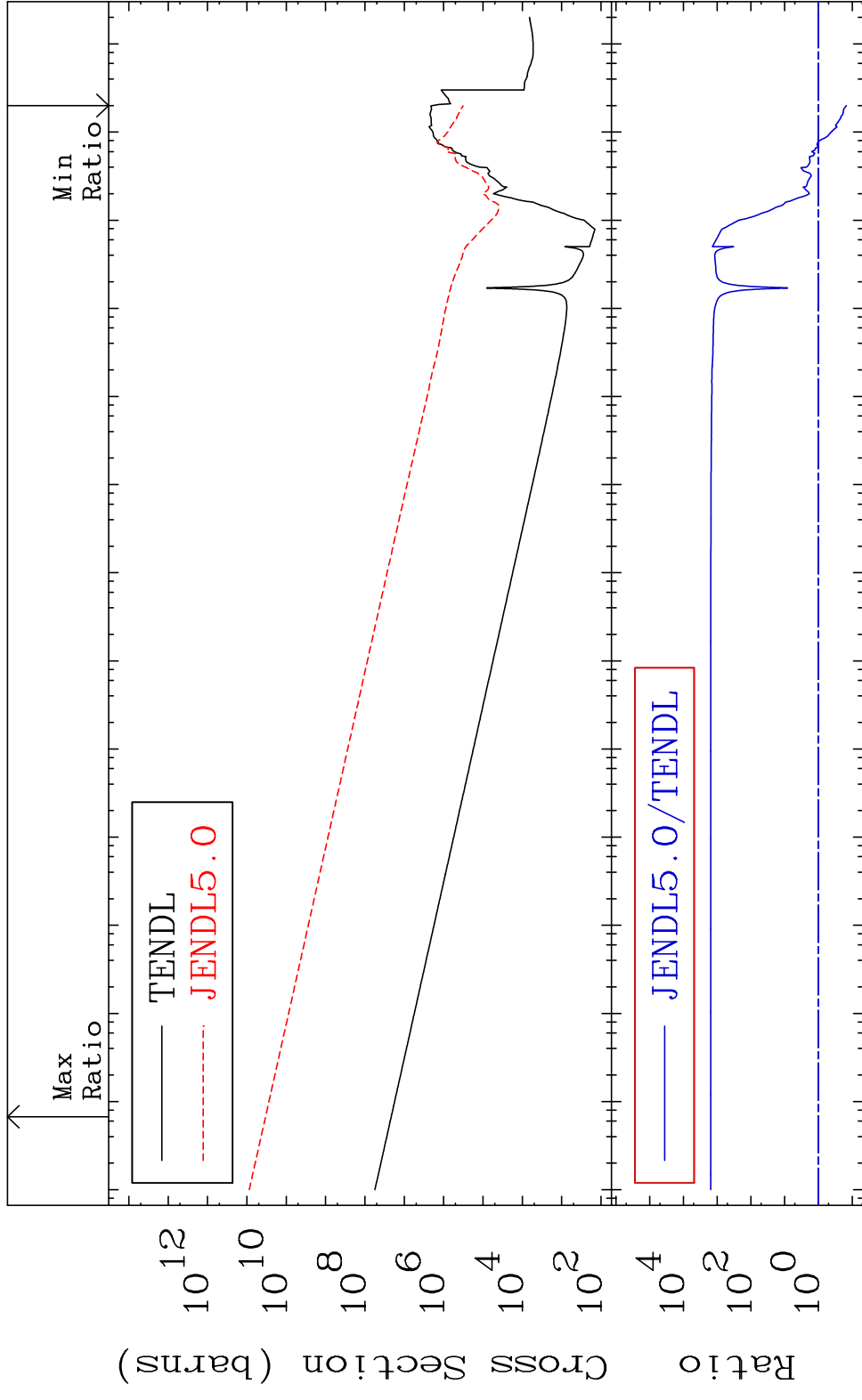
MAT 525 Kerma fission (mt18 or mt19-20-21-38) 5-B -10
 Cross Section -9999. To 9999. %



MAT 525 Kerma capture (mt102) 5-B -10
 Cross Section -58.15 To 9999. %

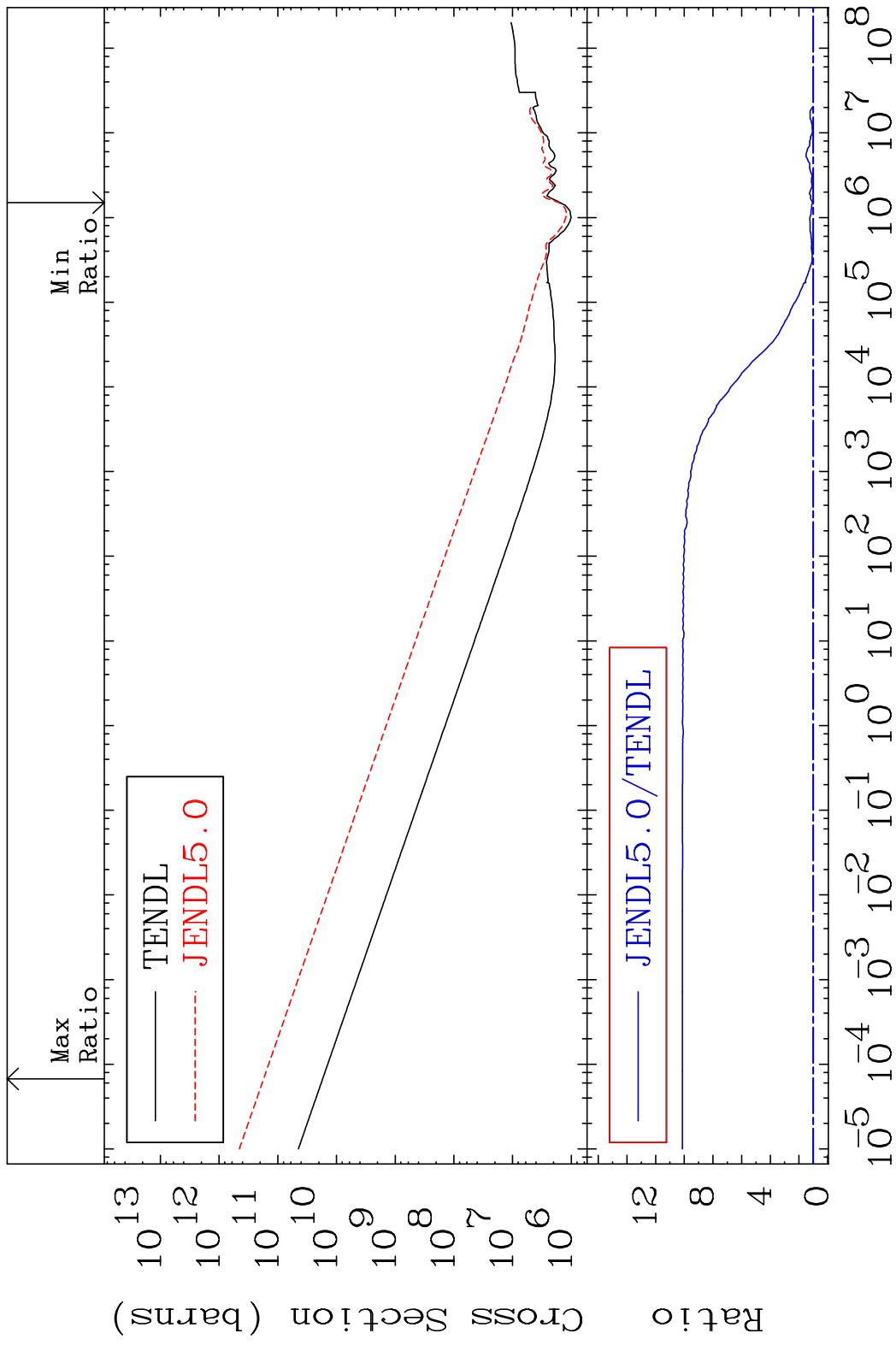


MAT 525 Total photon (eV-barns) 5-B -10
 Cross Section -85.07 To 9999. %

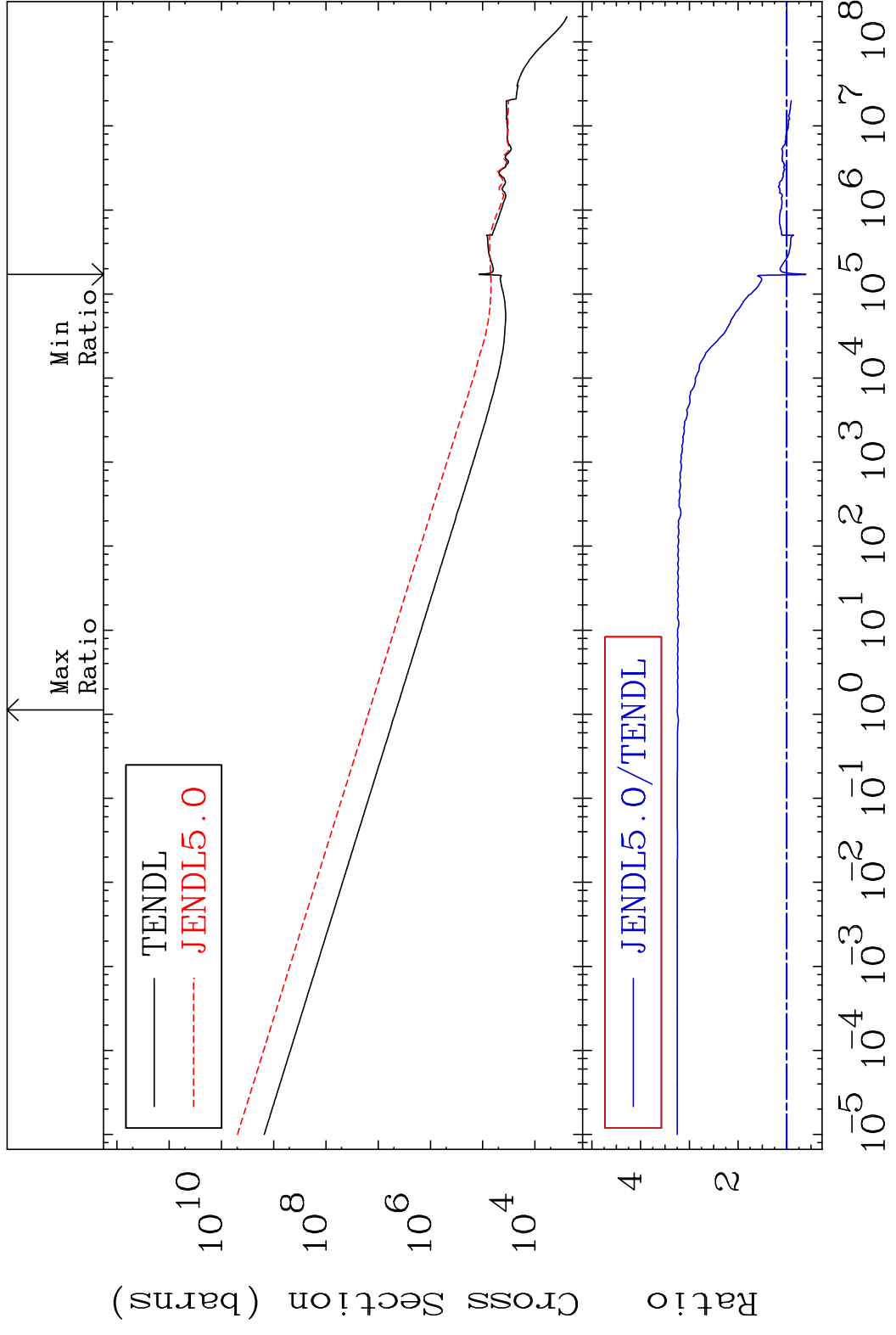


Incident Energy (eV) 5-B -10

MAT 525 Total kinematic kerma (high limit) 5-B -10
 Cross Section 5.264 To 913.5 %



MAT 525 Dpa total (eV-barns) 5-B -10
 Cross Section -40.41 To 225.0 %



38 Incident Energy (eV) 5-B -10

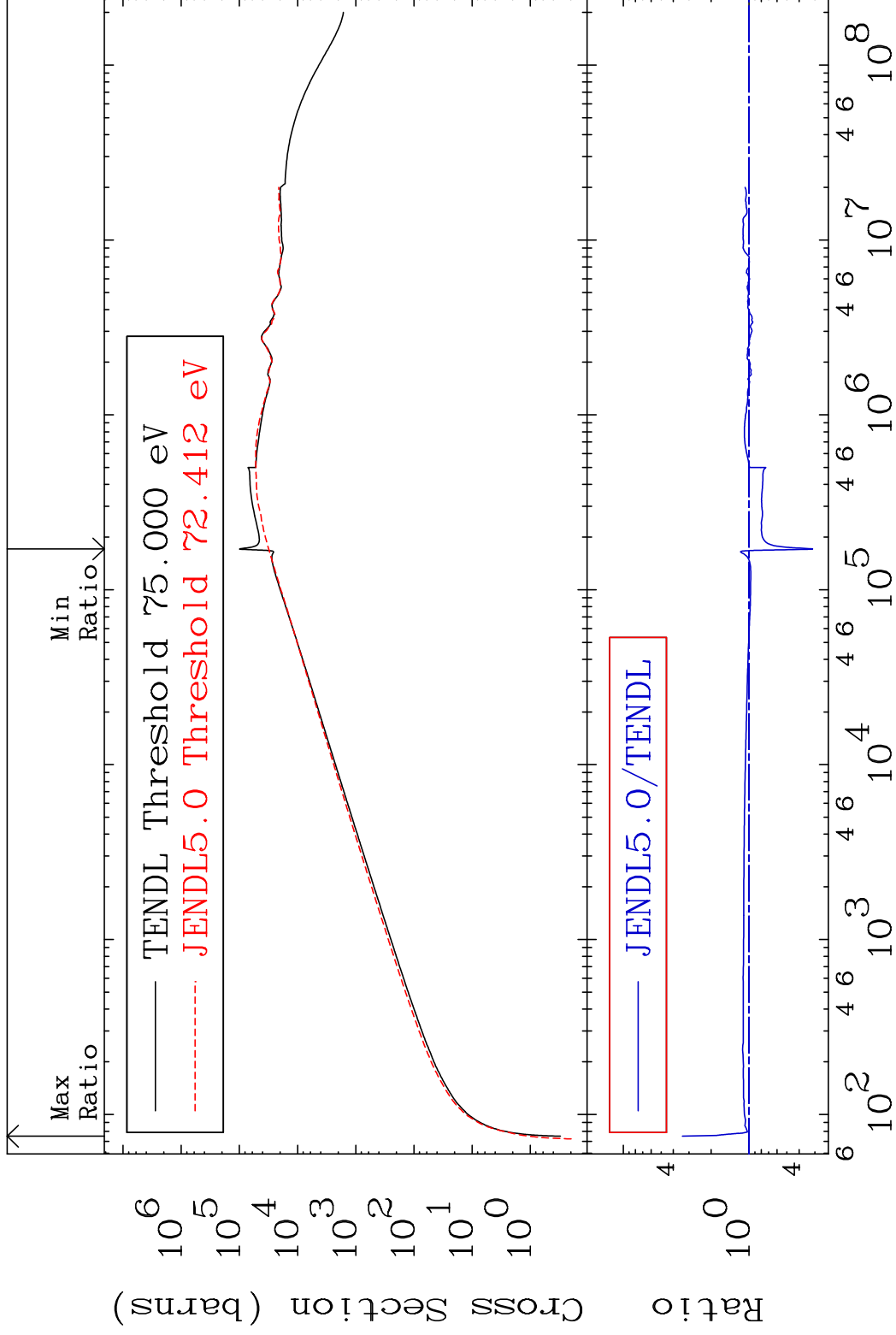
MAT 525

Dpa elastic (mt2)

5-B -10

Cross Section

-68.75 To 239.3 %

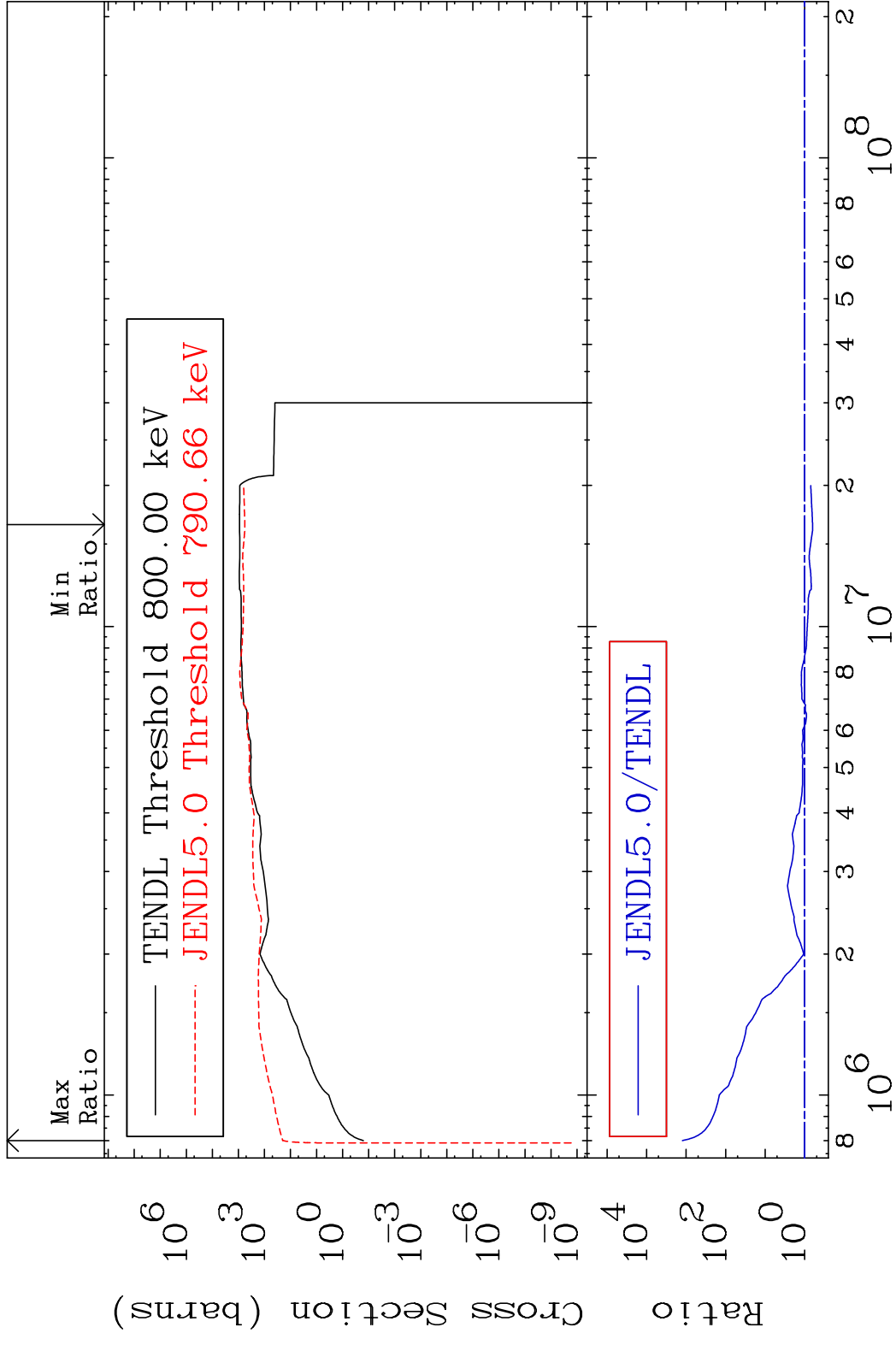


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Incident Energy (eV)

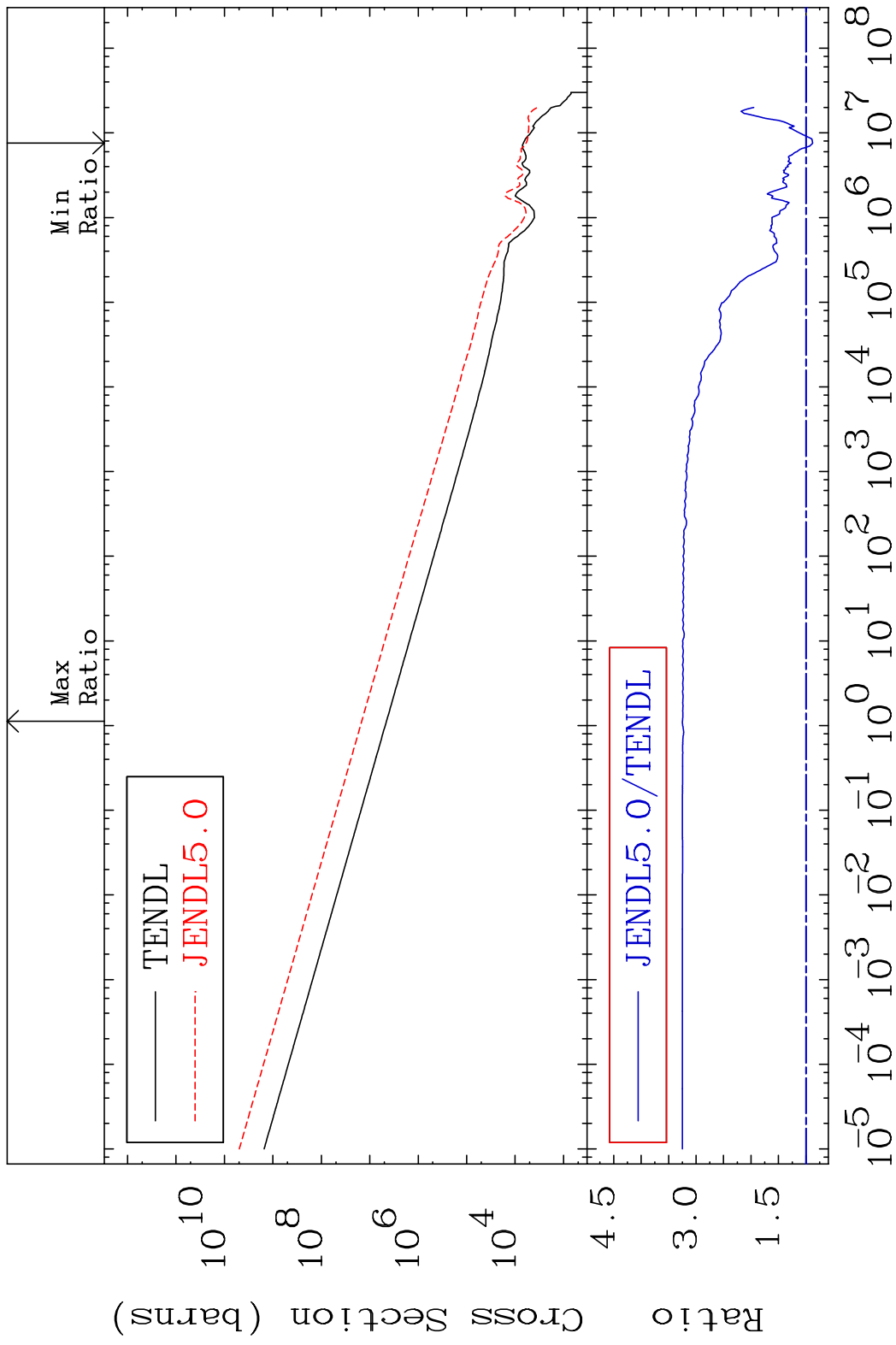
5-B -10

MAT 525 Dpa inelastic (mt51-91) 5-B -10
 Cross Section -36.64 To 9999. %



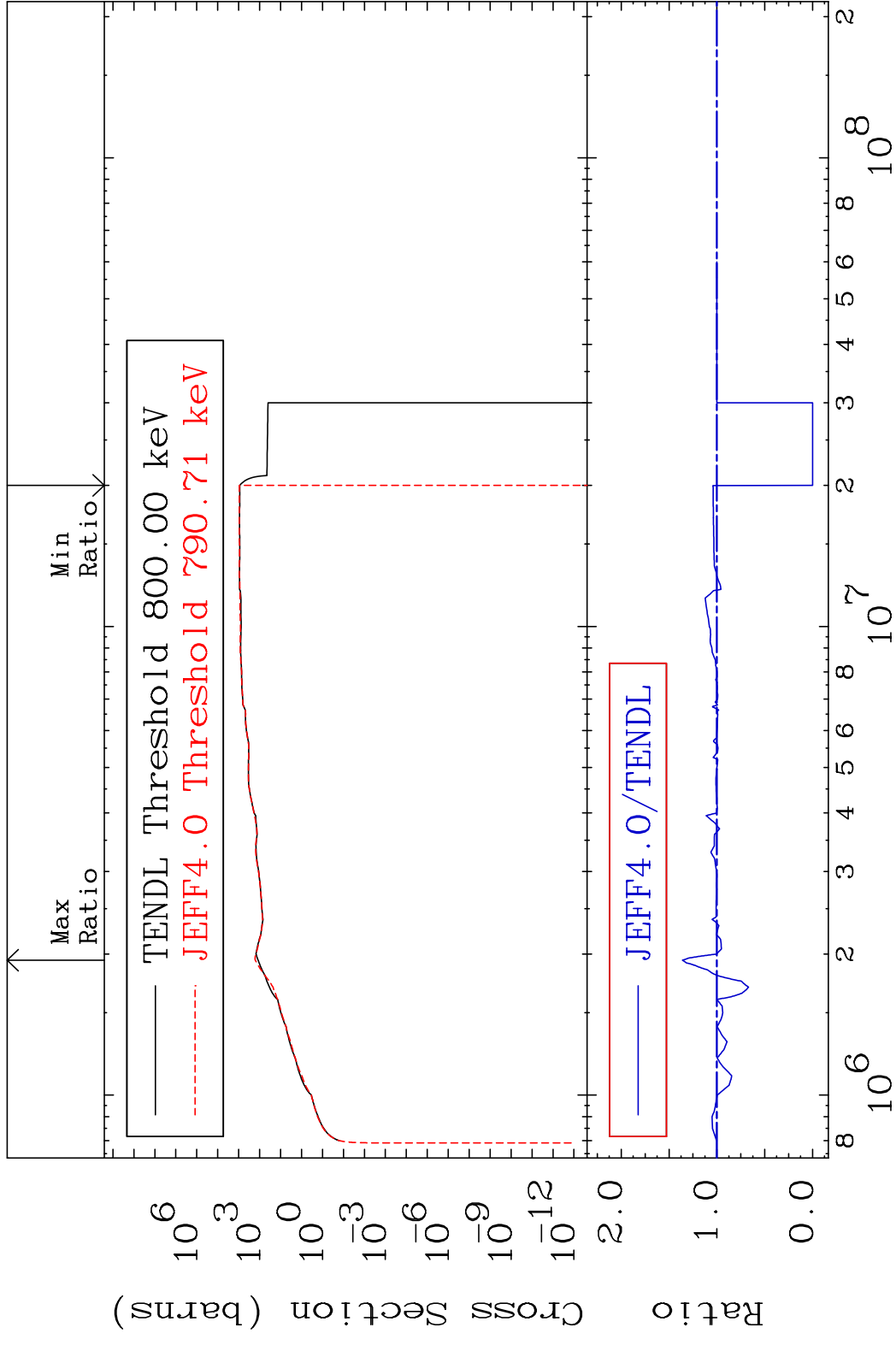
40 Incident Energy (eV) 5-B -10

MAT 525 Dpa disappearance (mt102 -120) 5-B -10
 Cross Section -12.02 To 225.0 %



41 Incident Energy (eV) 5-B -10

MAT 525 Dpa inelastic (mt51-91) 5-B -10
 Cross Section -100.0 To 36.10 %



42 Incident Energy (eV) 5-B -10

MAT 525 Dpa disappearance (mt102 -120) 5-B -10
 Cross Section -78.37 To 108.5 %

