

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

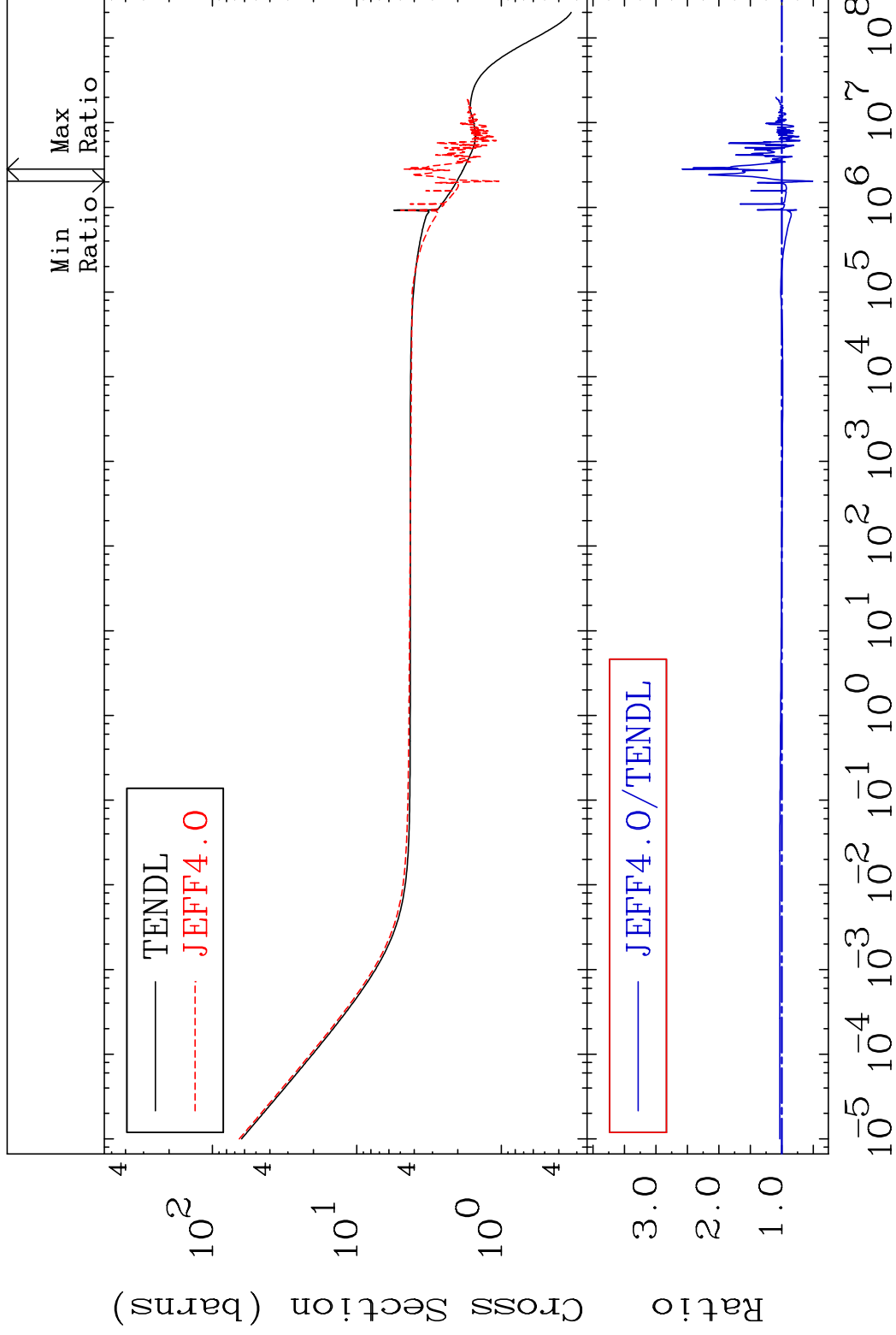
MAT 728

Total

7-N -15

Cross Section

-48.66 To 158.1 %



1

Incident Energy (eV)

7-N -15

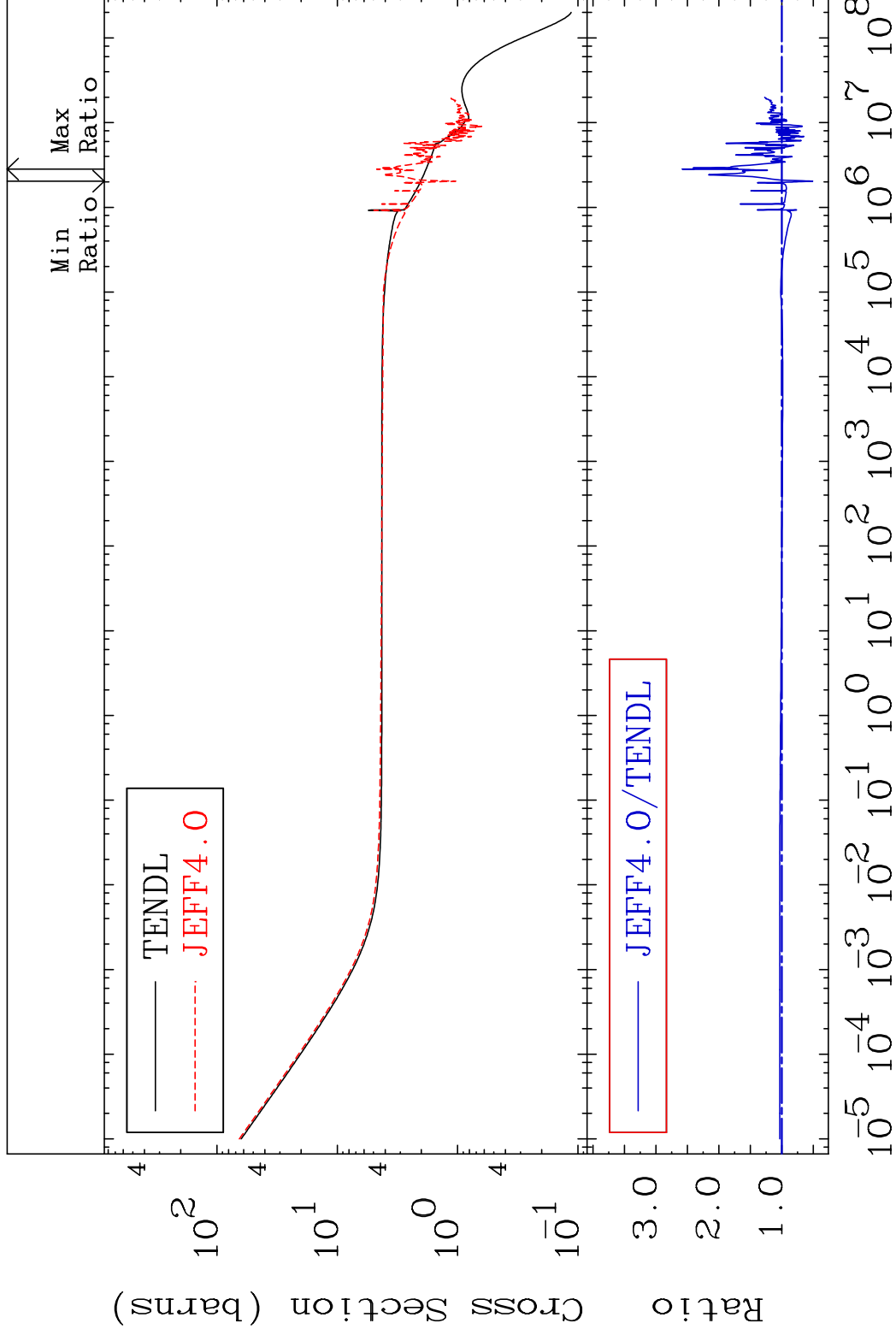
MAT 728

Elastic

7-N -15

Cross Section

-48.66 To 158.1 %



2

Incident Energy (eV)

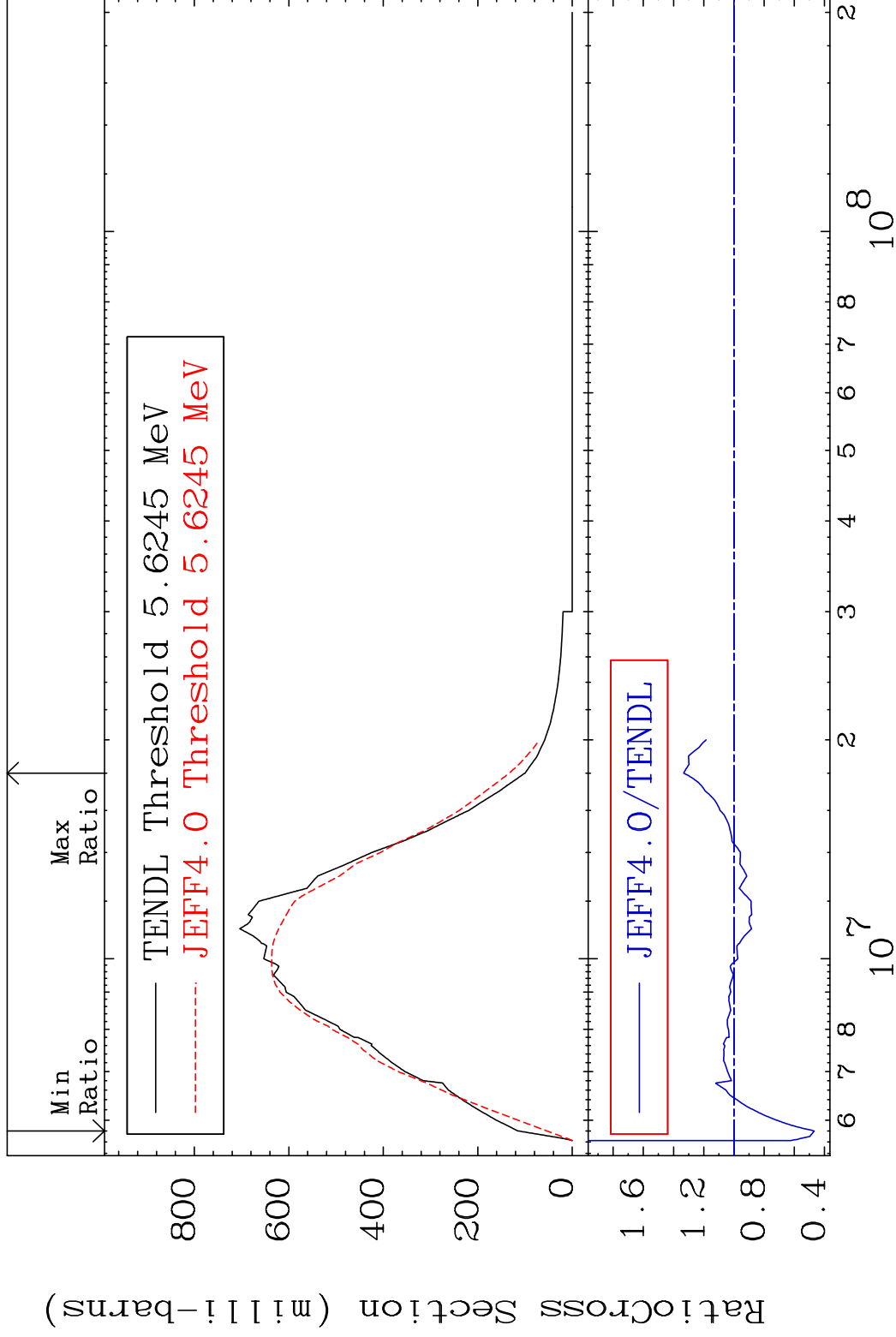
7-N -15

MAT 728

Inelastic

7-N -15

Cross Section -53.14 To 33.29 %



3

Incident Energy (eV)

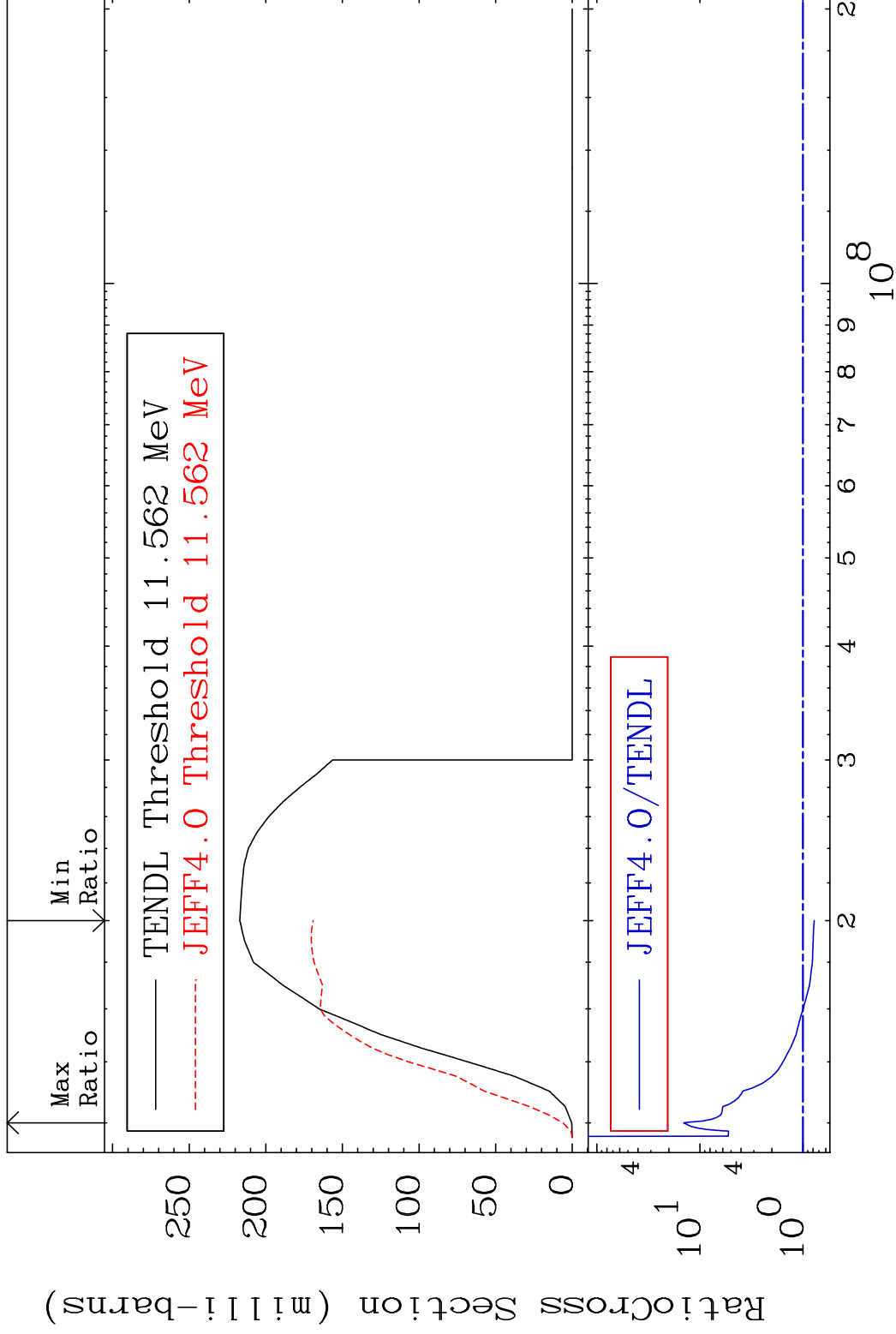
7-N -15

MAT 728

(n,2n)

7-N -15

Cross Section -22.03 To 1338. %

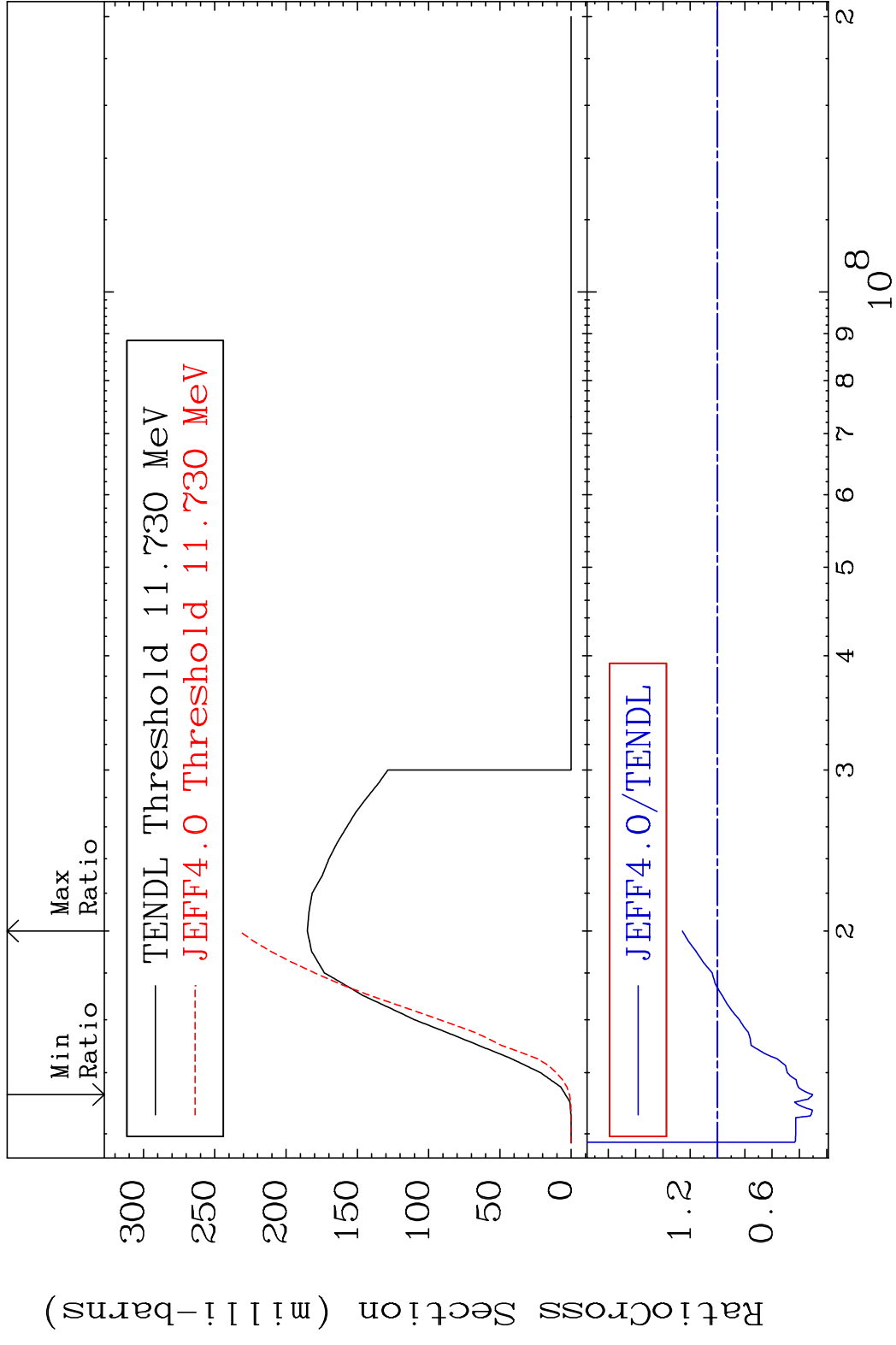


4

Incident Energy (eV)

7-N -15

MAT 728 (n, n') α 7-N -15
 Cross Section -69.66 To 25.78 %

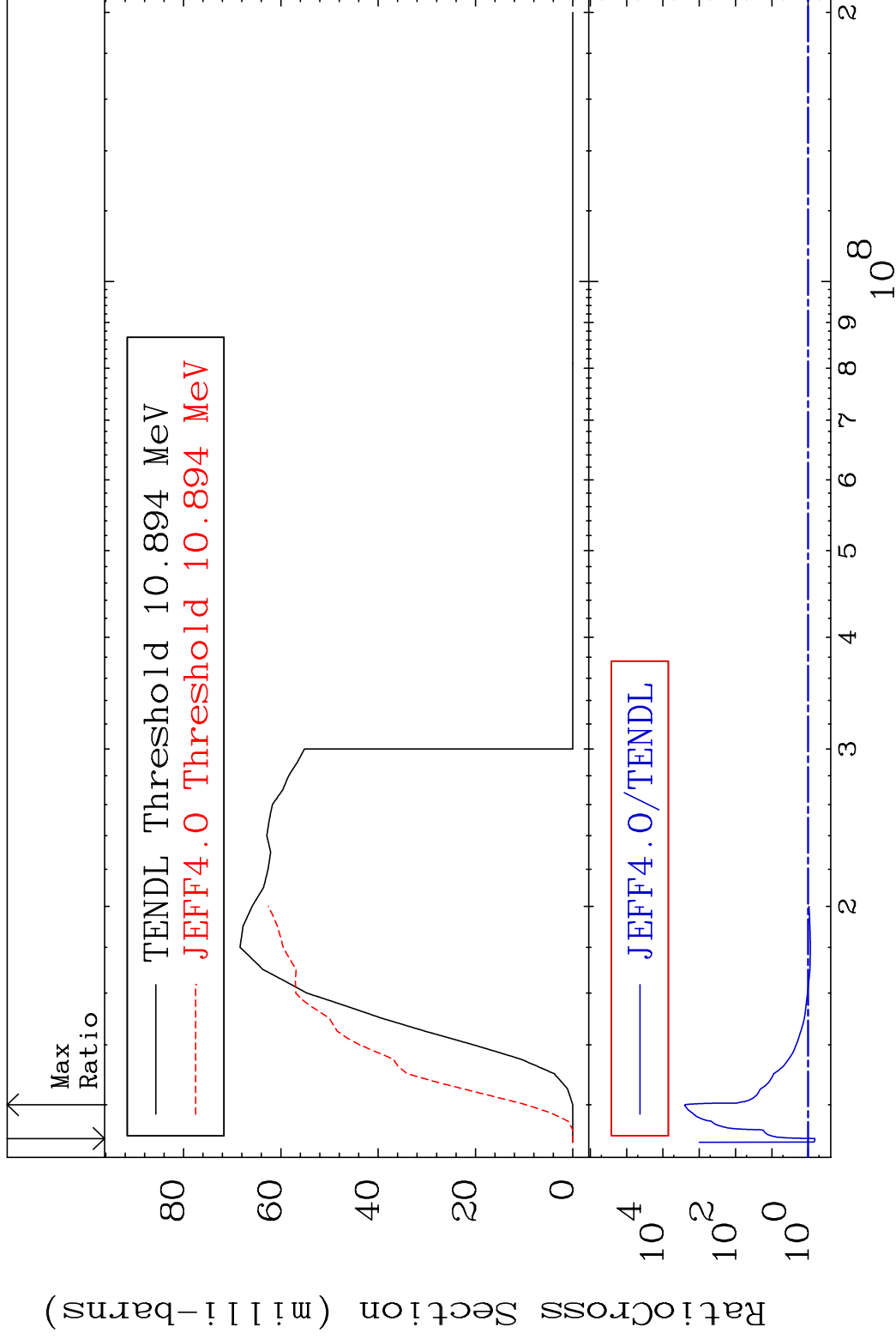


MAT 728

(n, n') p

7-N -15

Cross Section -34.62 To 9999. %

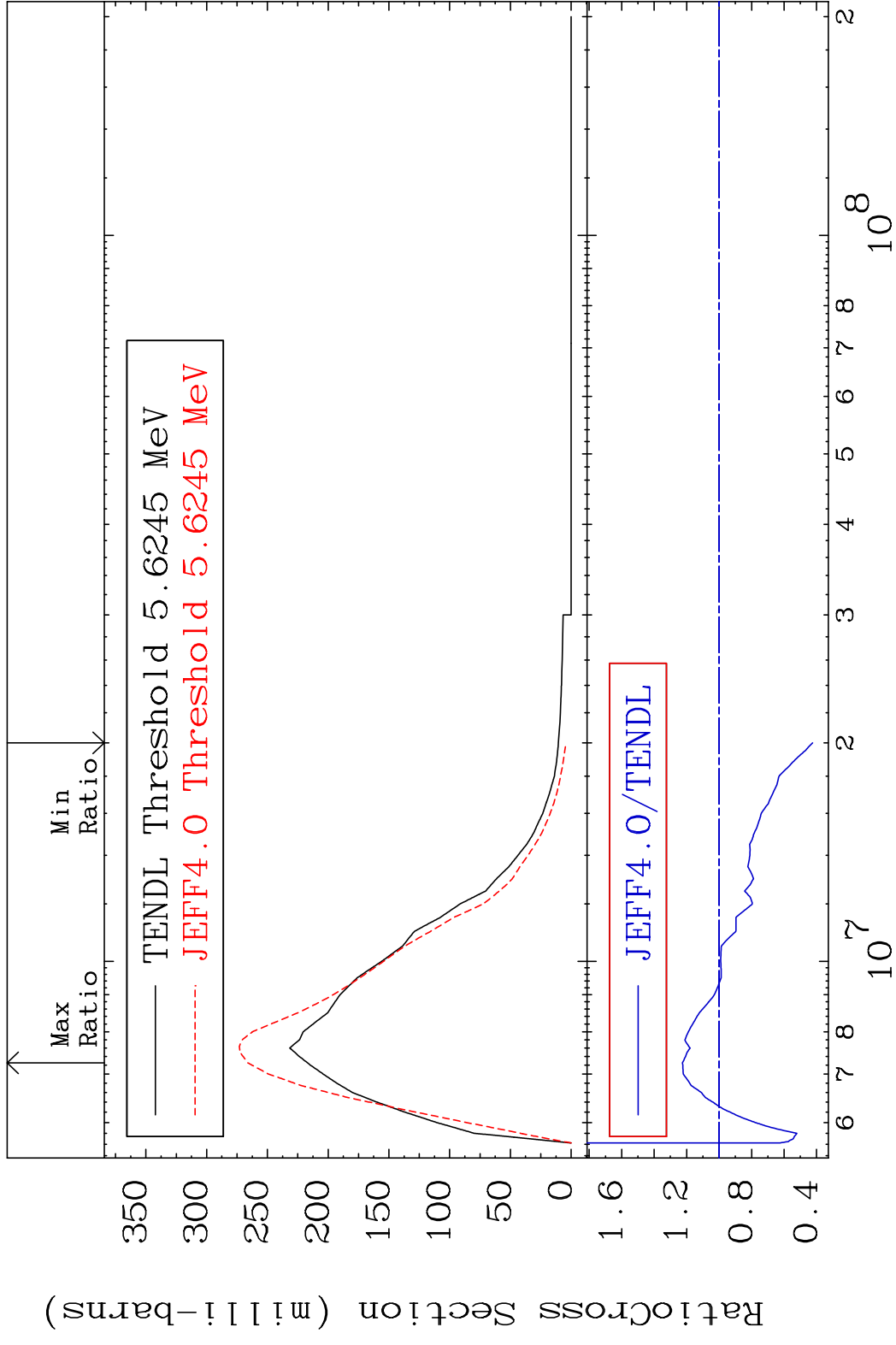


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Incident Energy (eV)

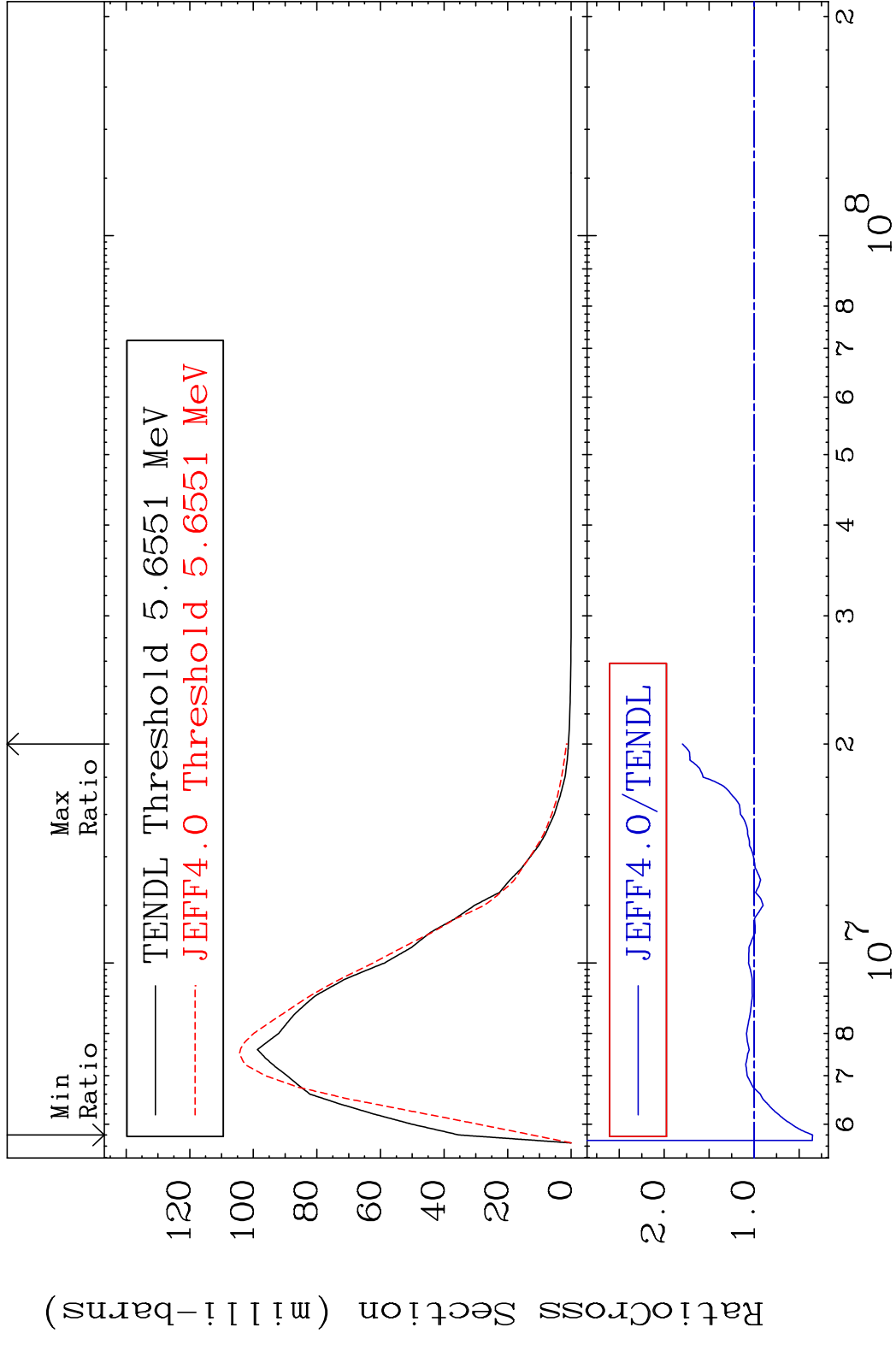
7-N -15

MAT 728 MT= 51 (n, n') Level 7-N -15
 Cross Section -57.53 To 22.65 %

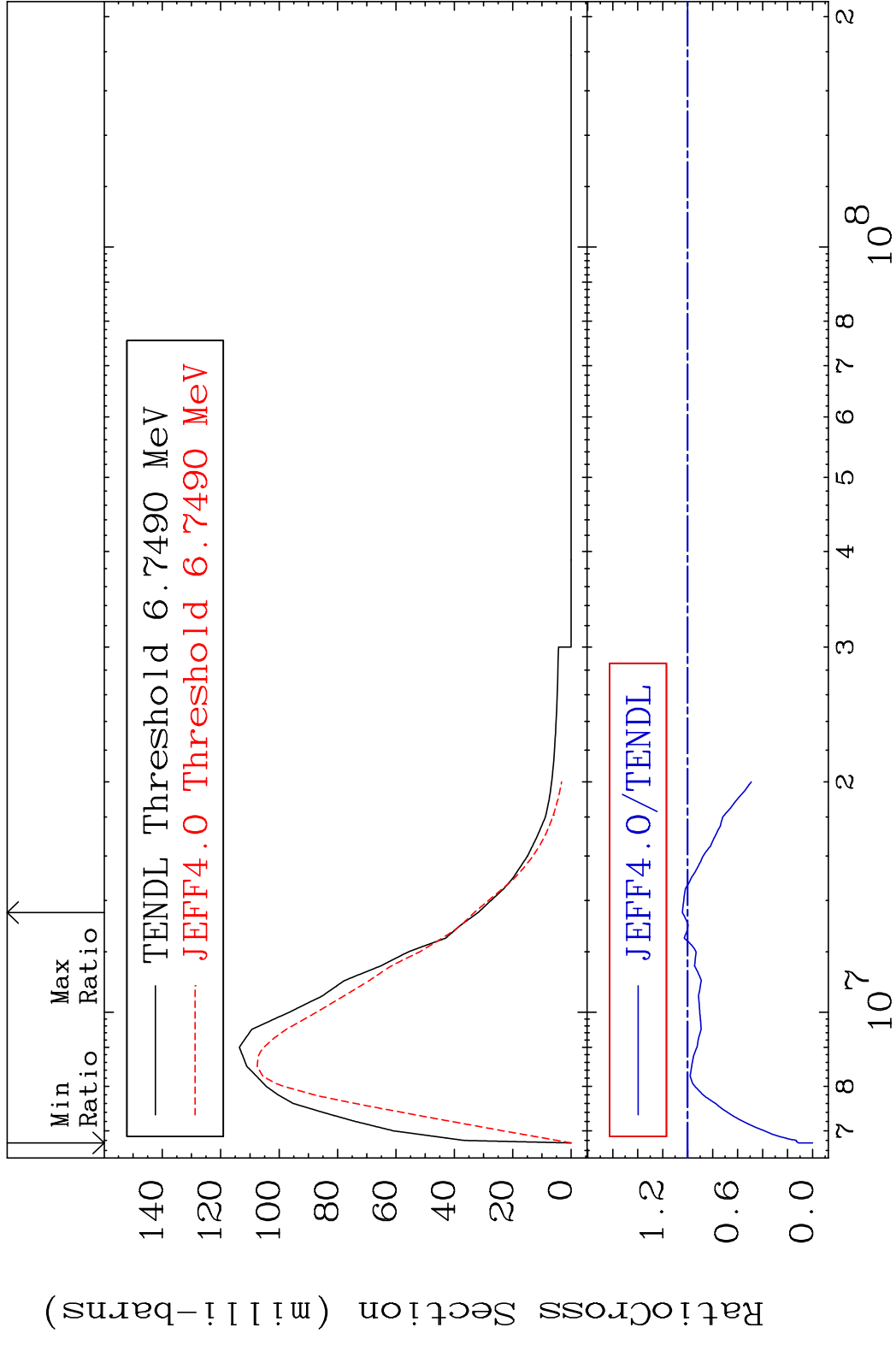


7 Incident Energy (eV) 7-N -15

MAT 728 MT= 52 (n, n') Level 7-N -15
 Cross Section -64.95 To 79.79 %

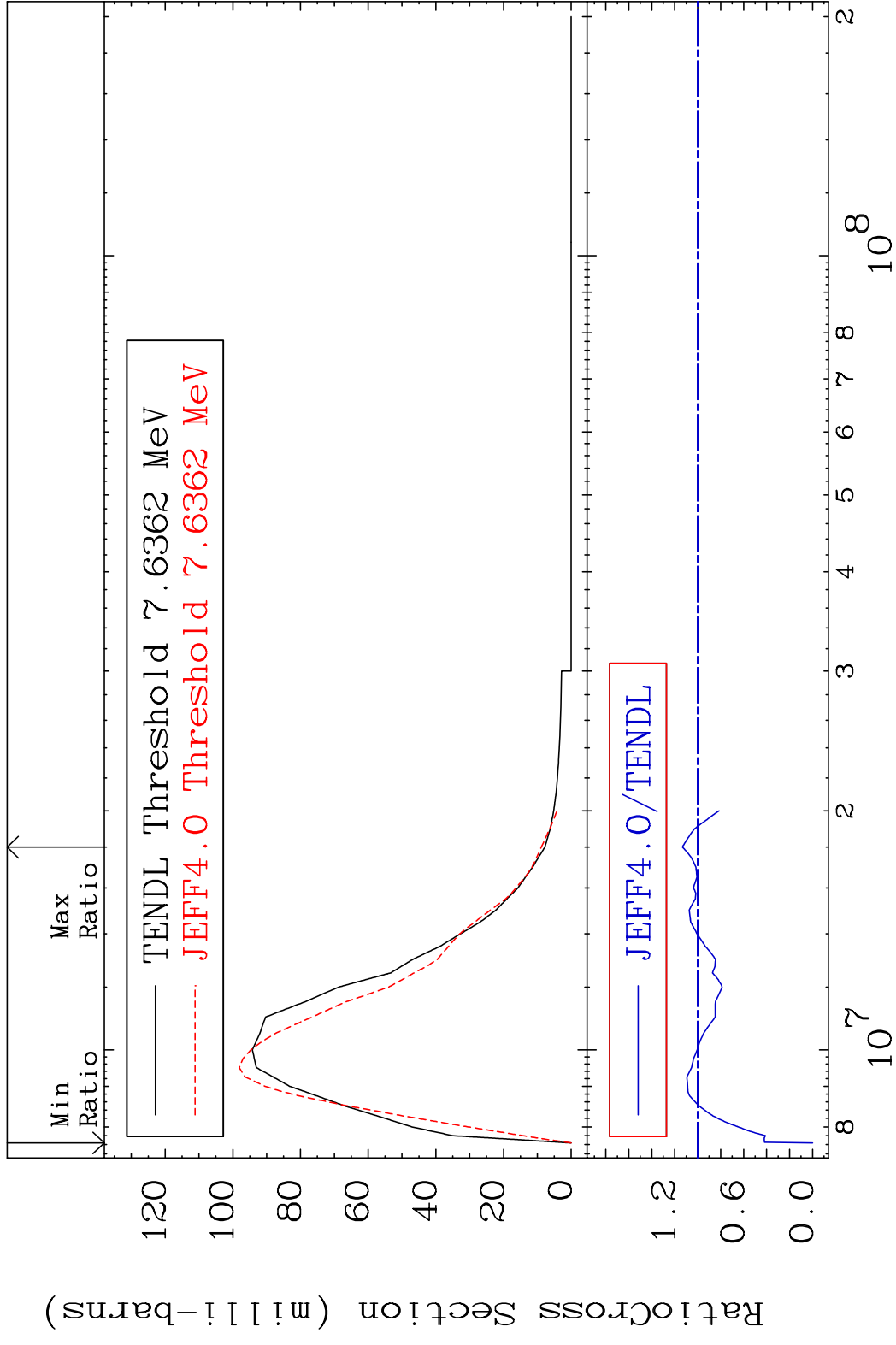


MAT 728 MT= 53 (n, n') Level 7-N -15
 Cross Section -100.0 To 4.268 %



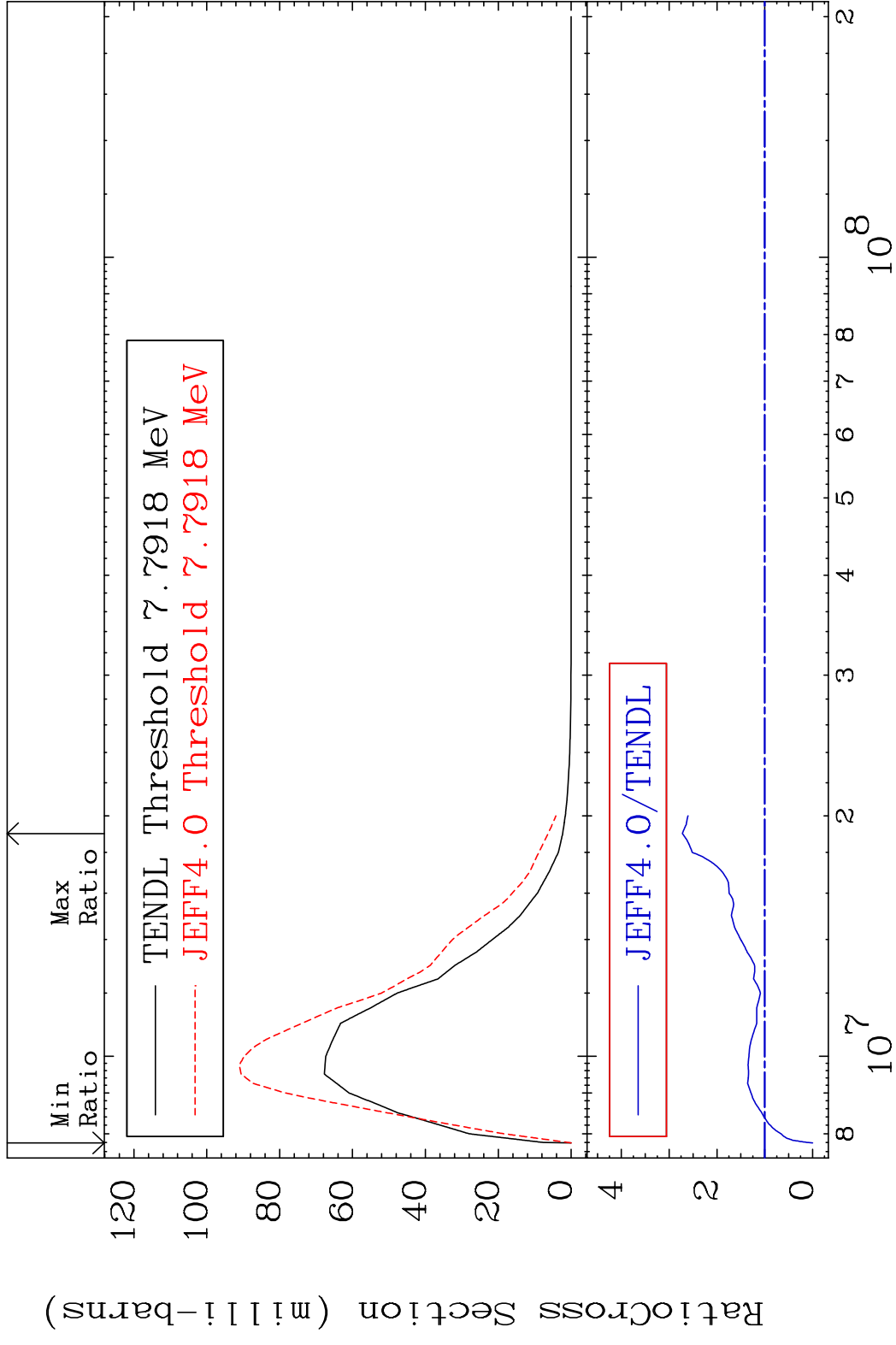
9 Incident Energy (eV) 7-N -15

MAT 728 MT= 54 (n, n') Level 7-N -15
 Cross Section -100.0 To 13.35 %

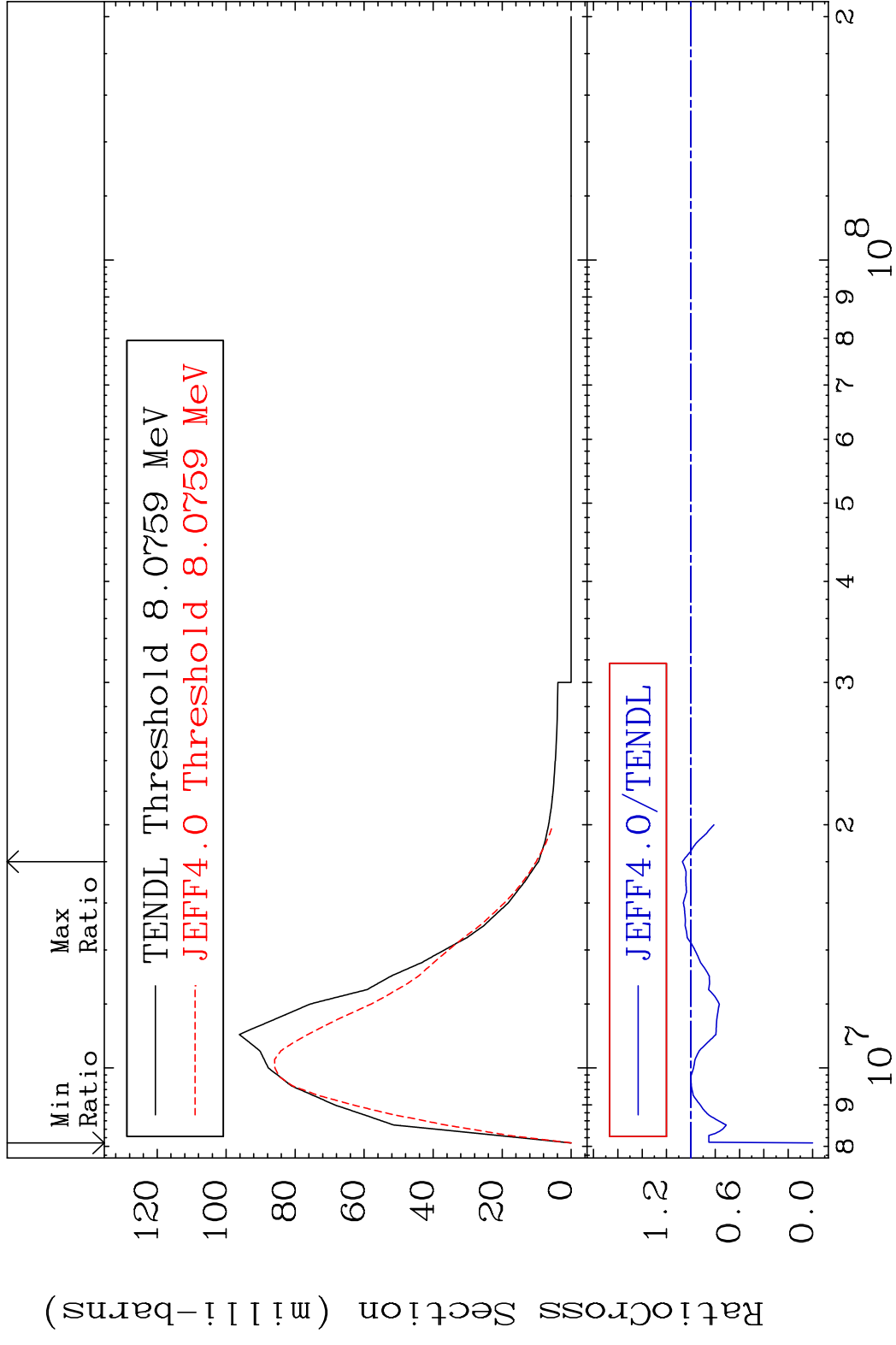


10 10⁷ 10⁸ 2
 10 Incident Energy (eV) 7-N -15

MAT 728 MT= 55 (n, n') Level 7-N -15
 Cross Section -100.0 To 172.4 %

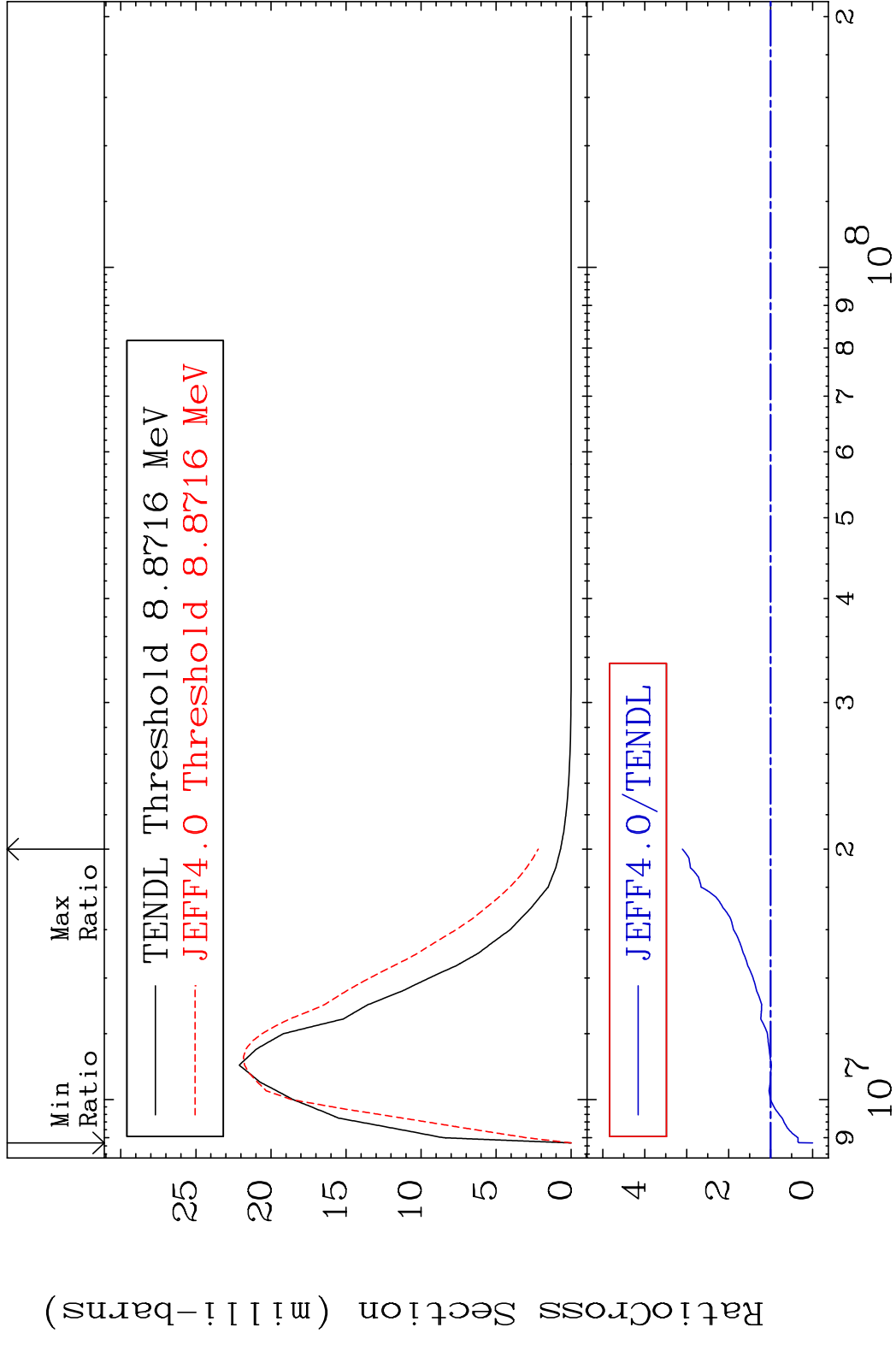


MAT 728 MT= 56 (n, n') Level 7-N -15
 Cross Section -100.0 To 7.000 %



12 Incident Energy (eV) 7-N -15

MAT 728 MT= 57 (n, n') Level 7-N -15
 Cross Section -100.0 To 210.5 %

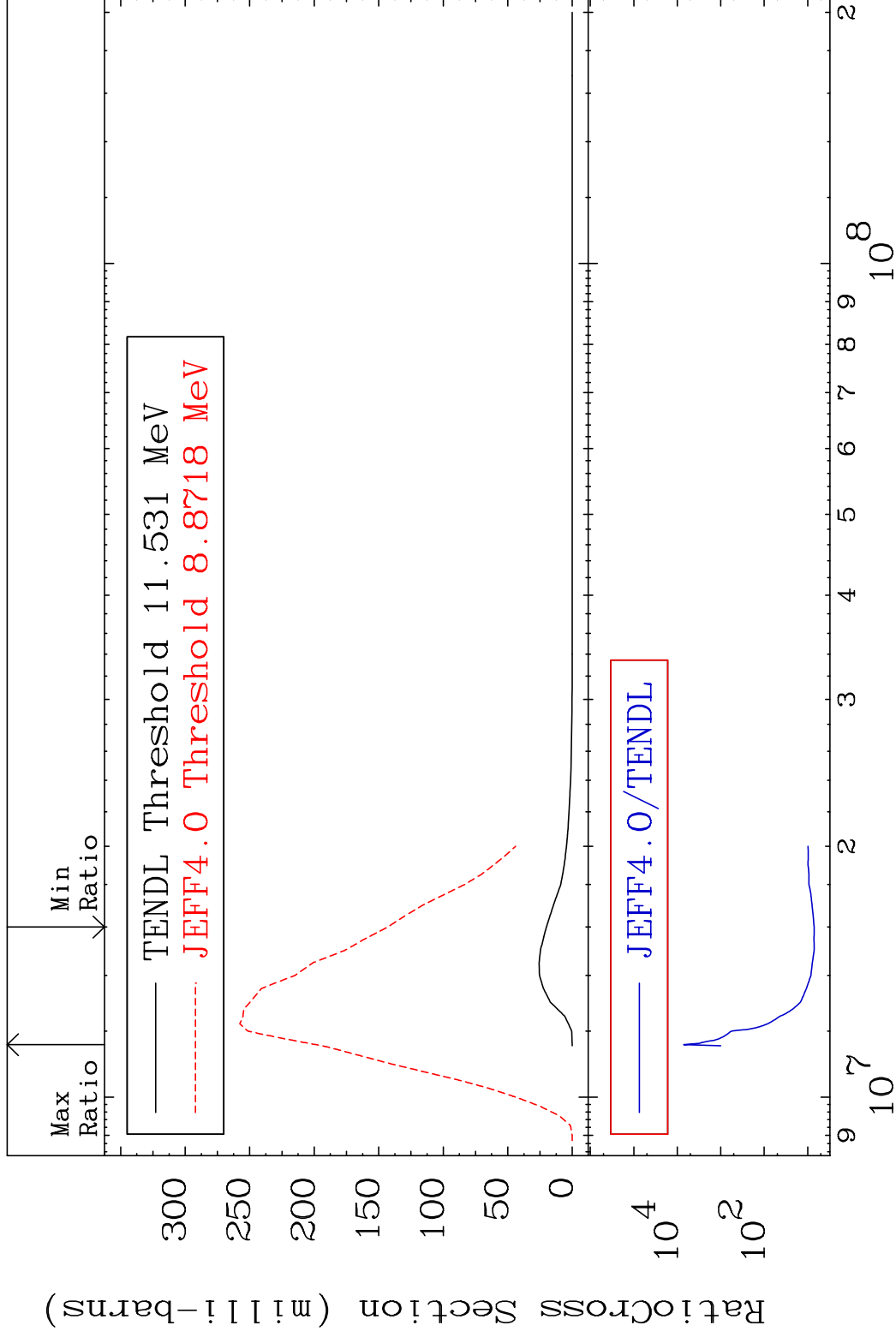


MAT 728

(n,n') Continuum

7-N -15

Cross Section 612.4 To 9999. %



14

Incident Energy (eV)

7-N -15

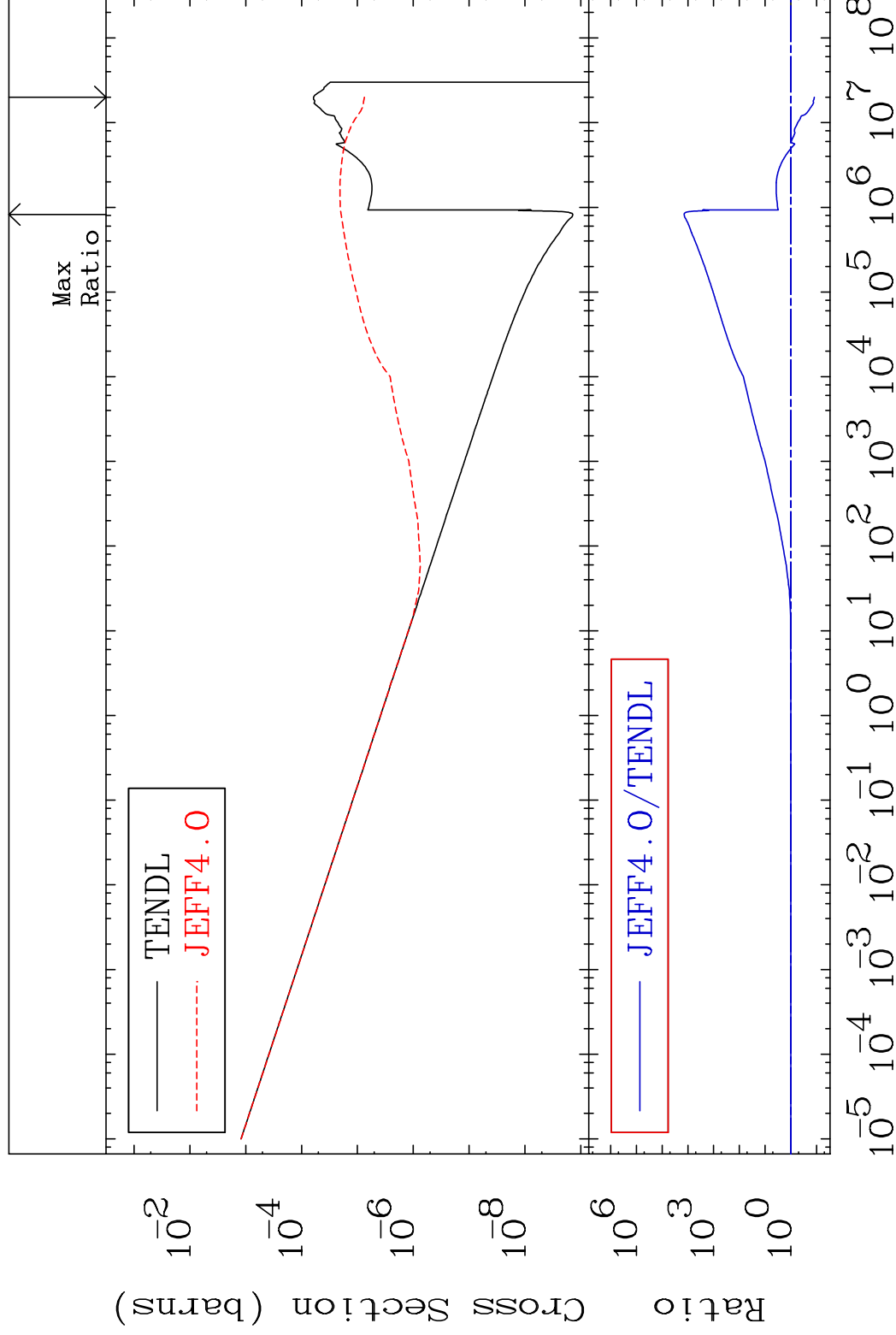
MAT 728

(n, γ)

7-N -15

Cross Section

-87.76 To 9999. %



15

Incident Energy (eV)

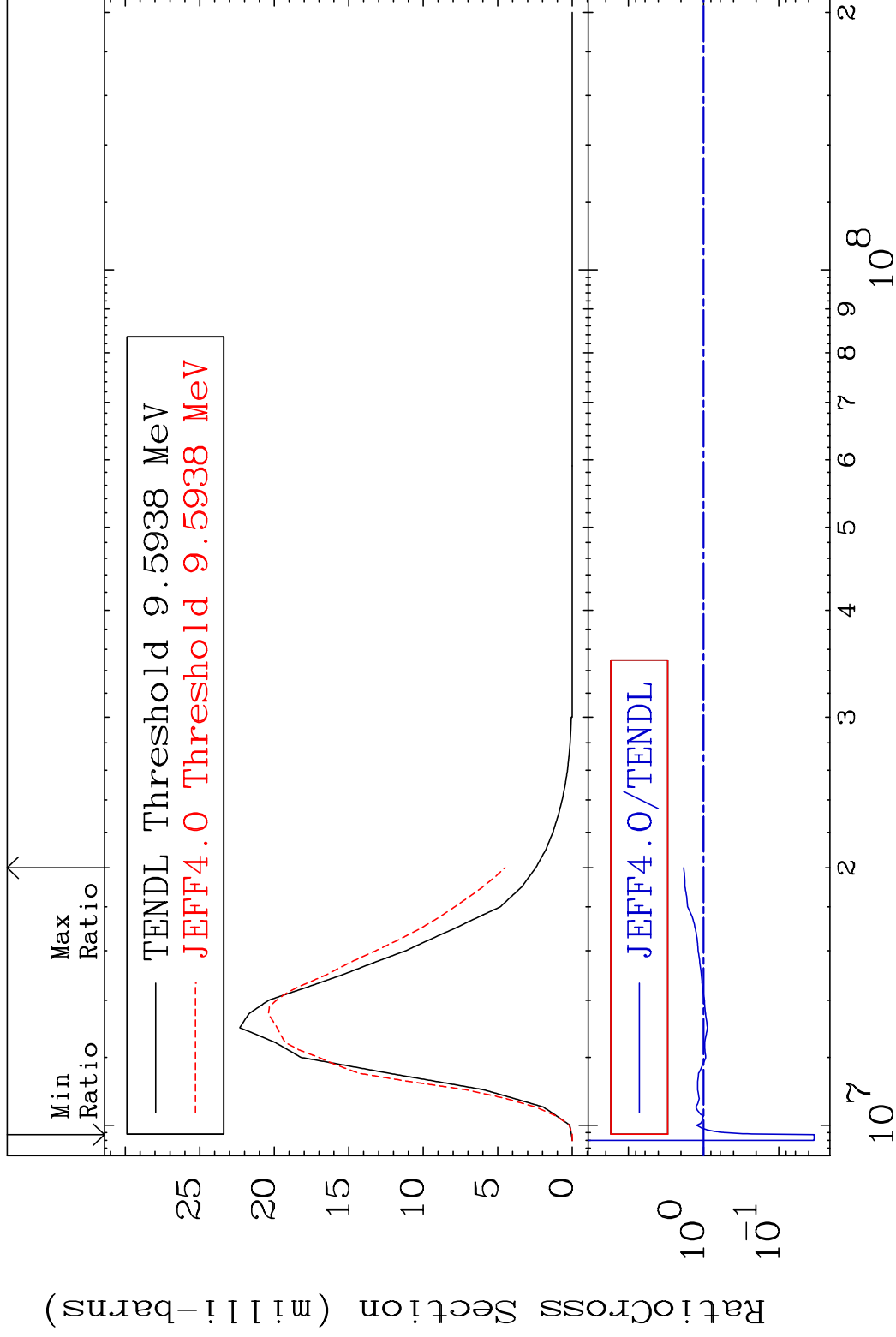
7-N -15

MAT 728

(n, p)

7-N -15

Cross Section -96.62 To 84.12 %



16

Incident Energy (eV)

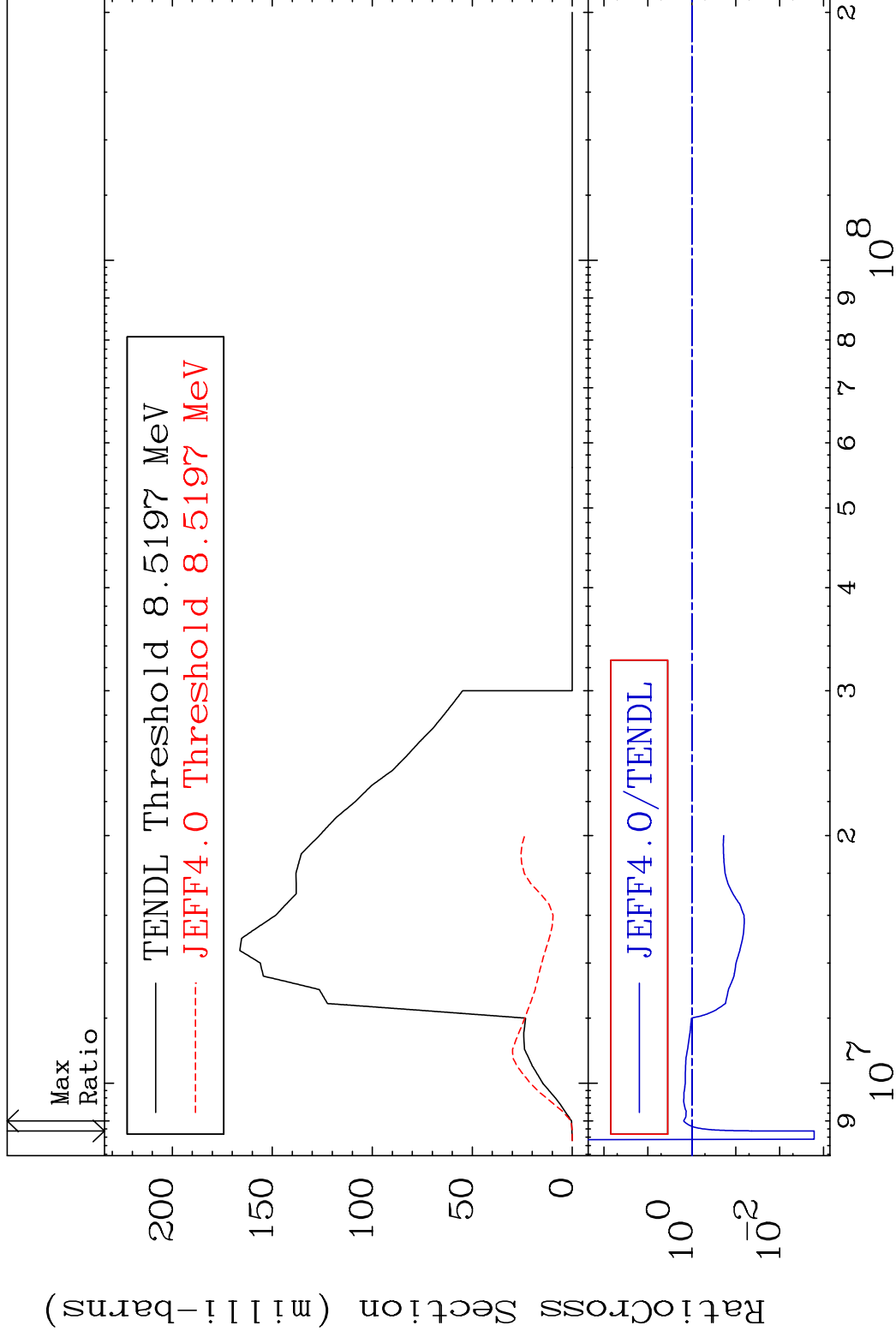
7-N -15

MAT 728

(n,d)

7-N -15

Cross Section -99.84 To 53.47 %

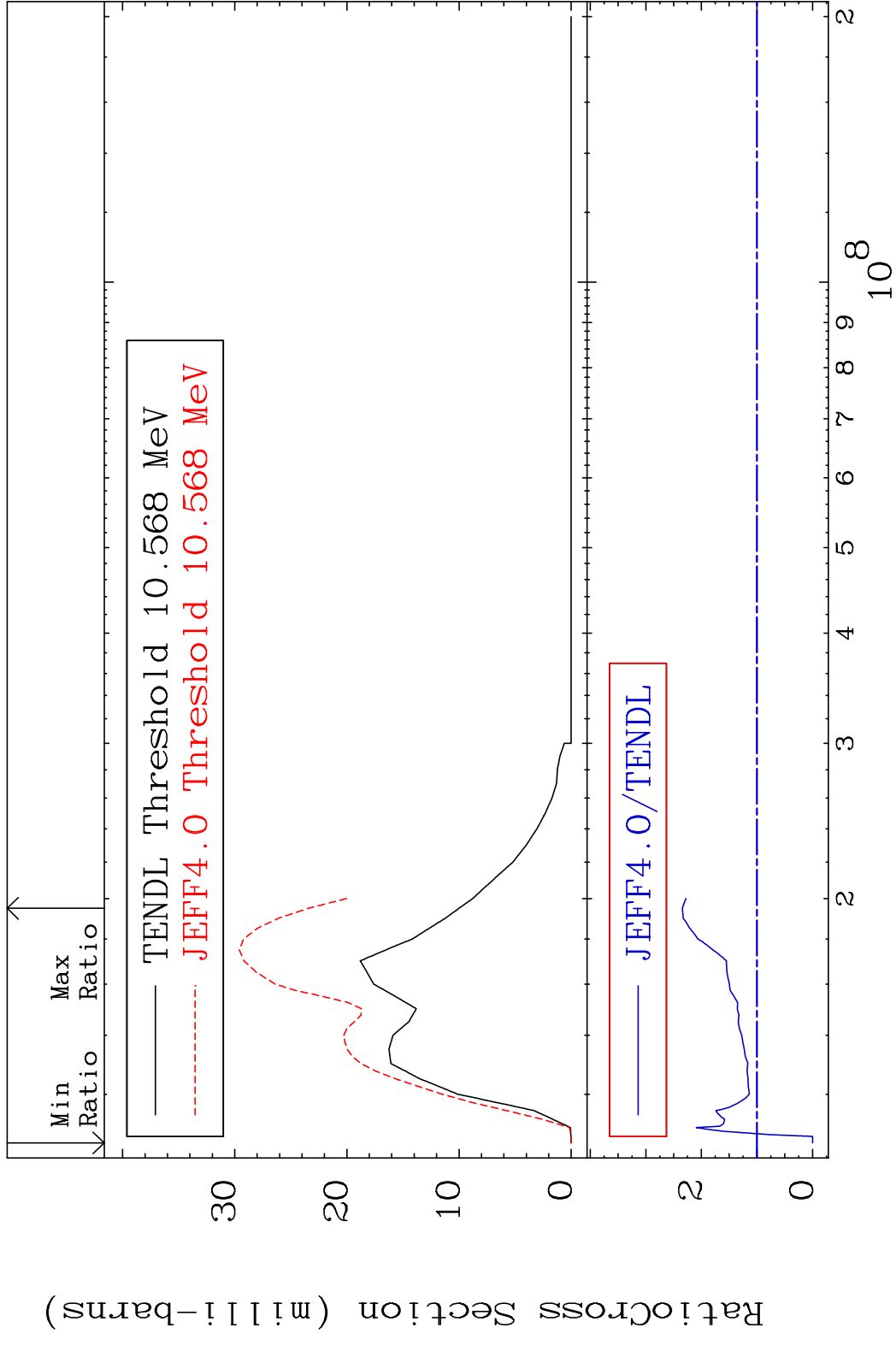


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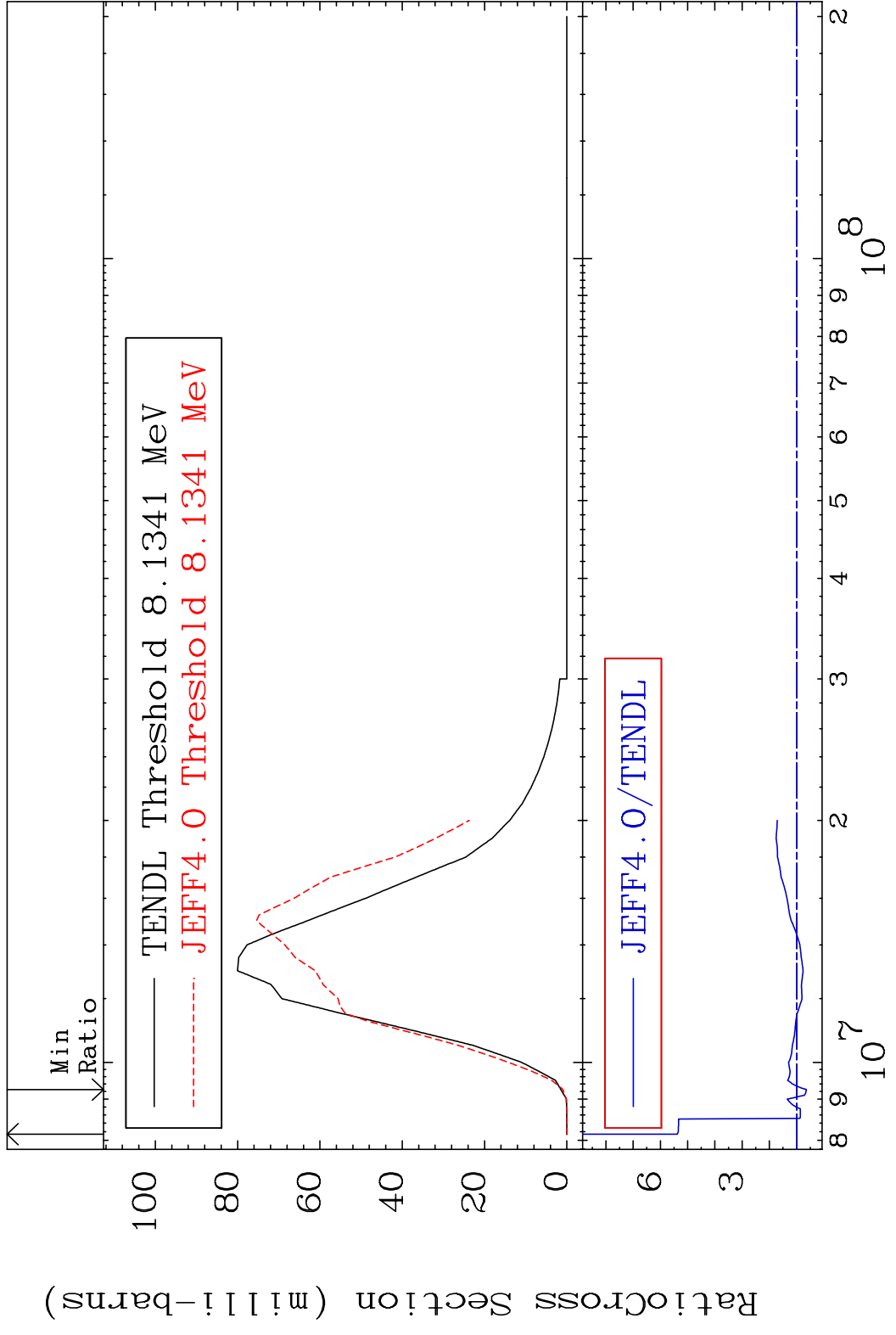
Incident Energy (eV)

7-N -15

MAT 728 (n, t) 7-N -15
 Cross Section -100.0 To 134.3 %

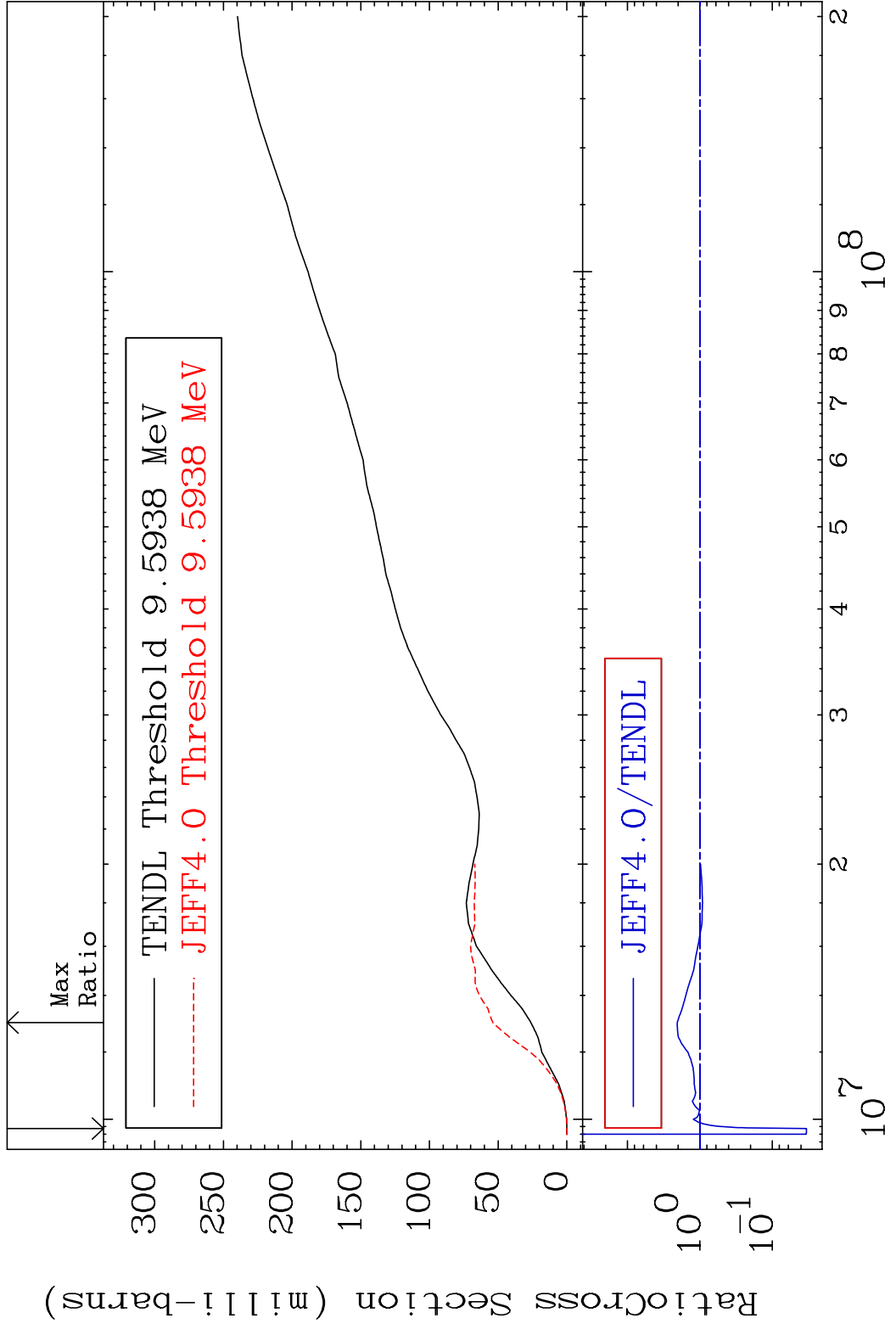


MAT 728 (n, α) 7-N -15
 Cross Section -35.77 To 438.3 %



19 Incident Energy (eV) 7-N -15

MAT 728 Hydrogen Production 7-N -15
 Cross Section -96.62 To 105.9 %



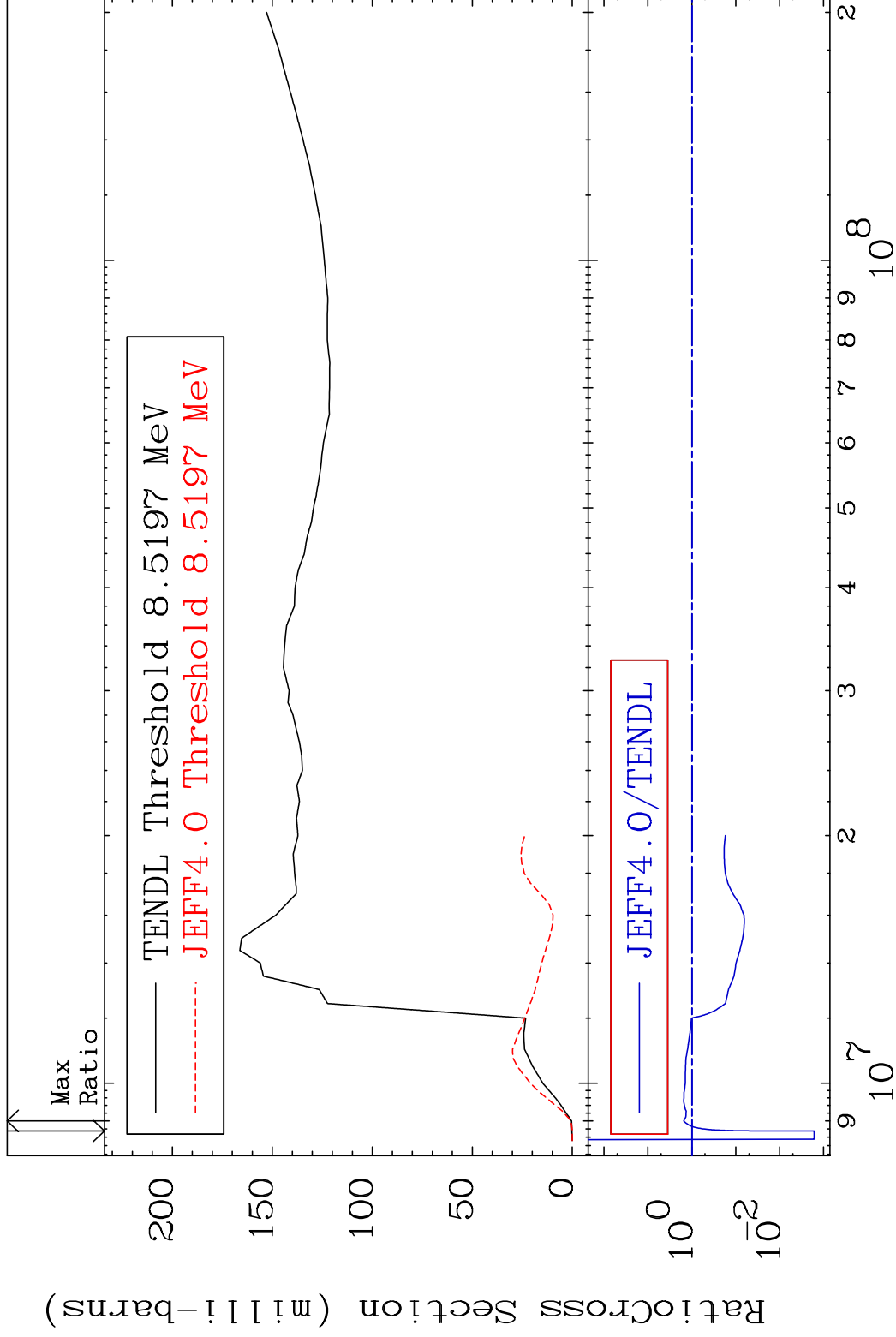
20 Incident Energy (eV) 7-N -15

MAT 728

Deuterium Production

7-N -15

Cross Section -99.84 To 53.47 %

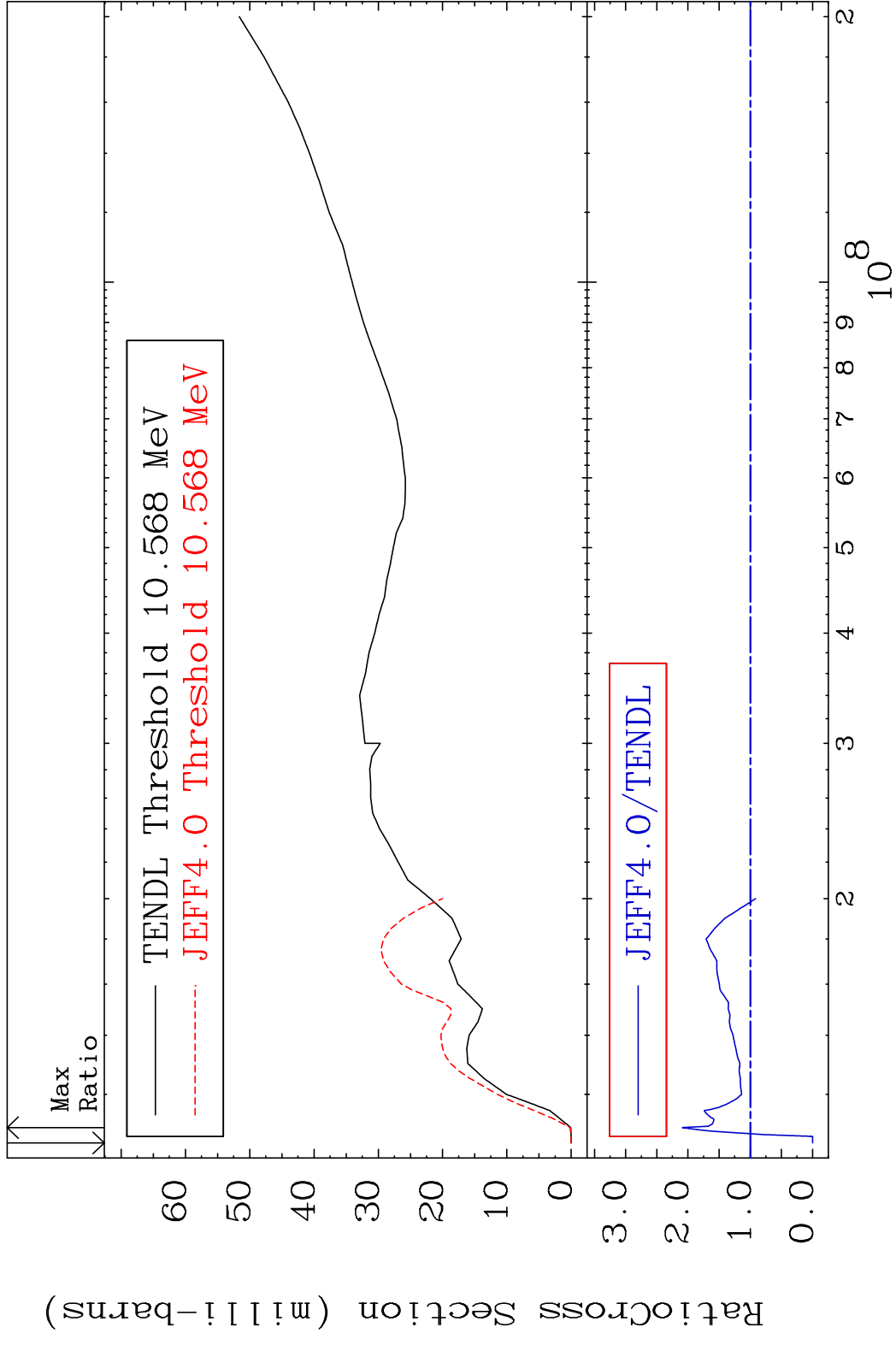


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Incident Energy (eV)

7-N -15

MAT 728 Tritium Production 7-N -15
 Cross Section -100.0 To 109.0 %

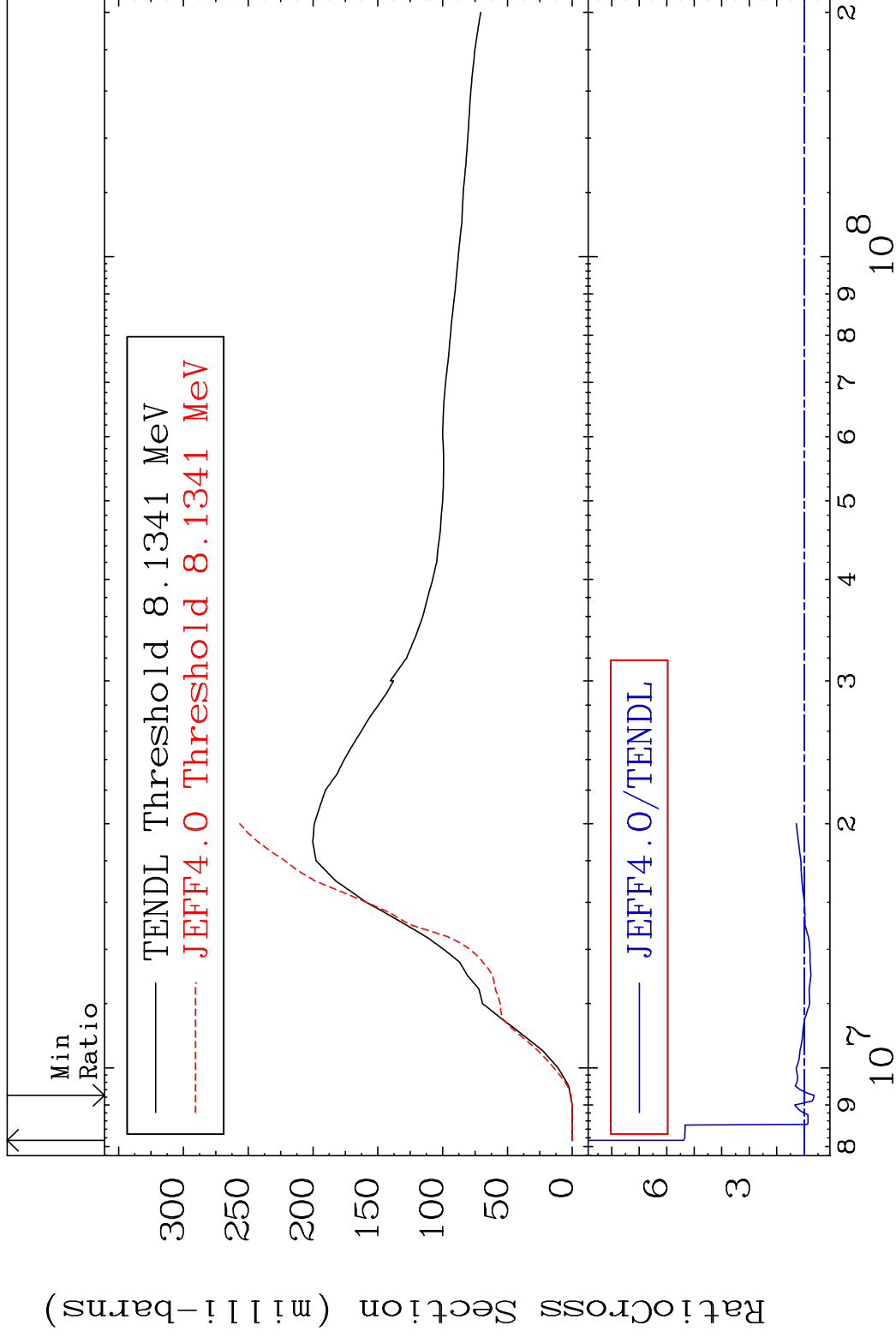


MAT 728

He-4 Production

7-N -15

Cross Section -35.77 To 438.3 %

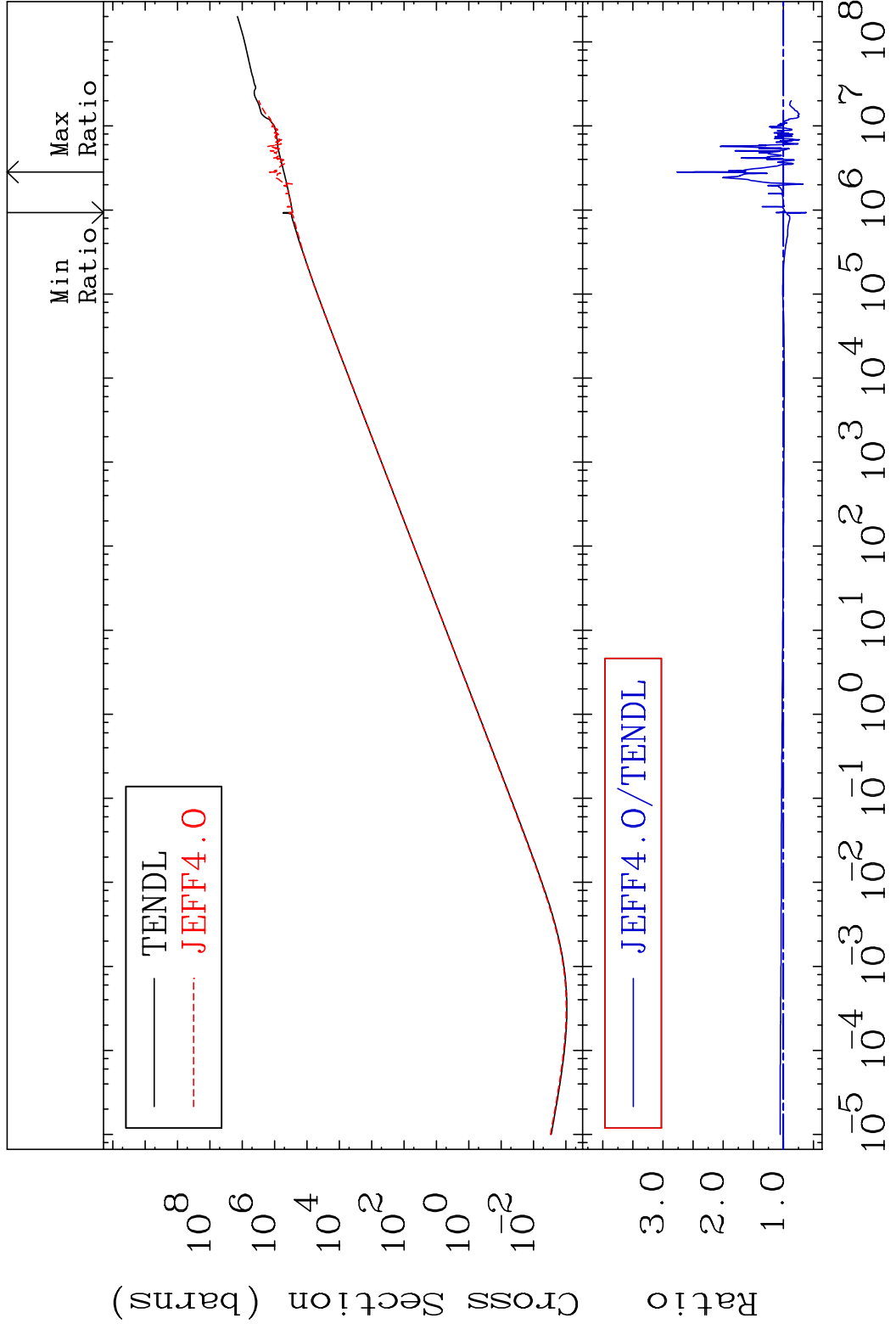


23

Incident Energy (eV)

7-N -15

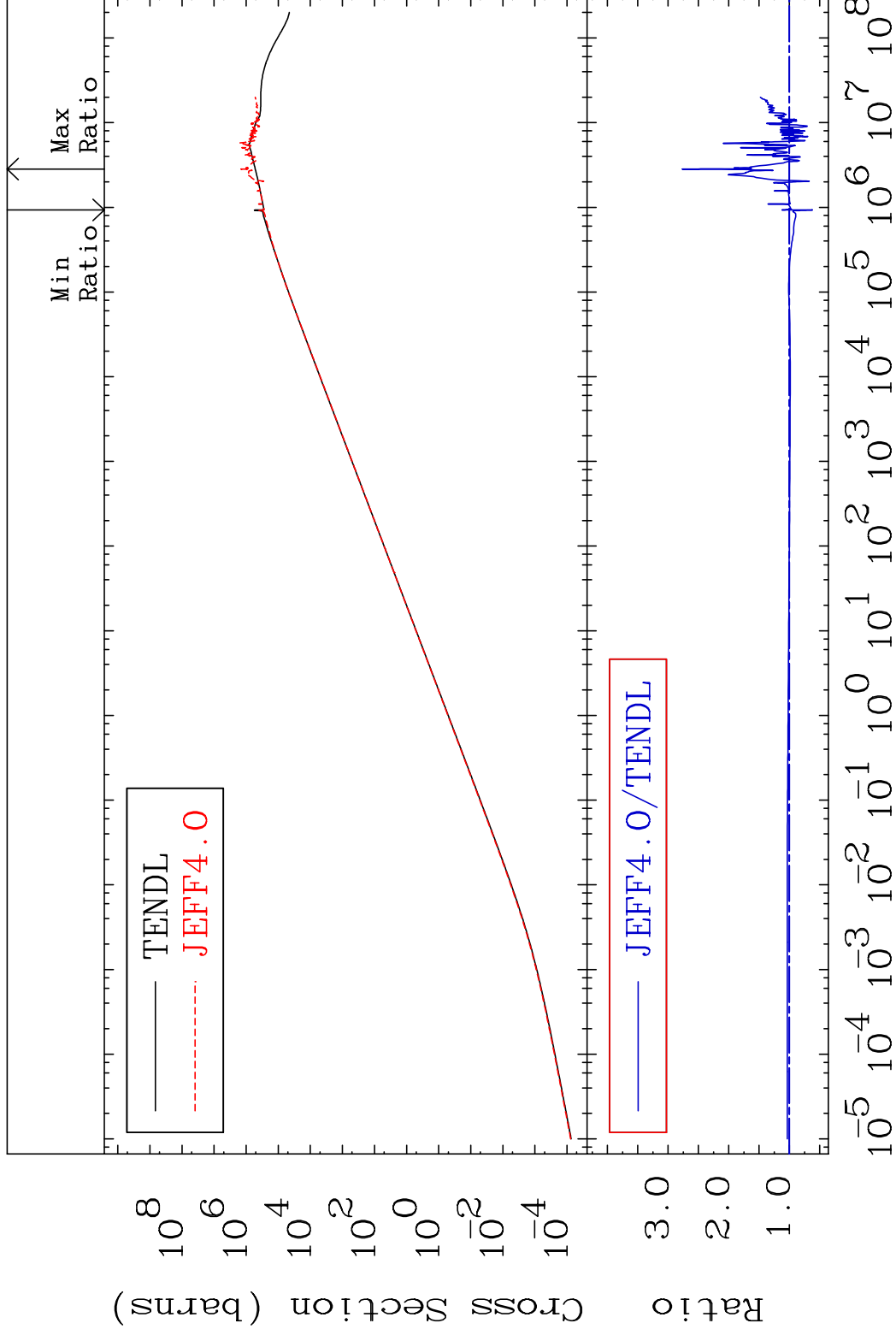
MAT 728 Kerma total (eV-barns) 7-N -15
 Cross Section -38.19 To 176.5 %



MAT 728

Kerma elastic
Cross Section

7-N -15
-38.19 To 176.5 %

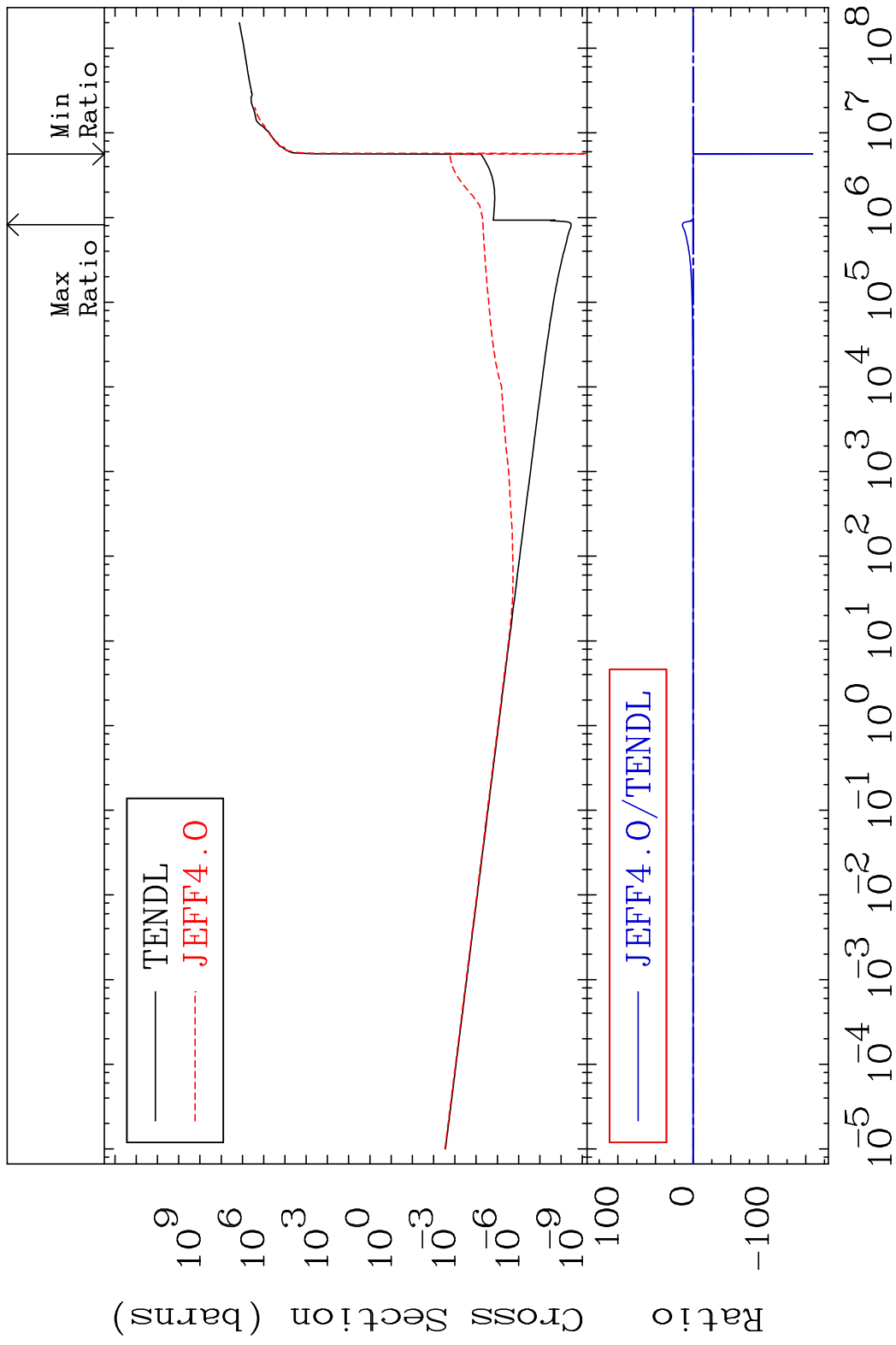


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Incident Energy (eV)

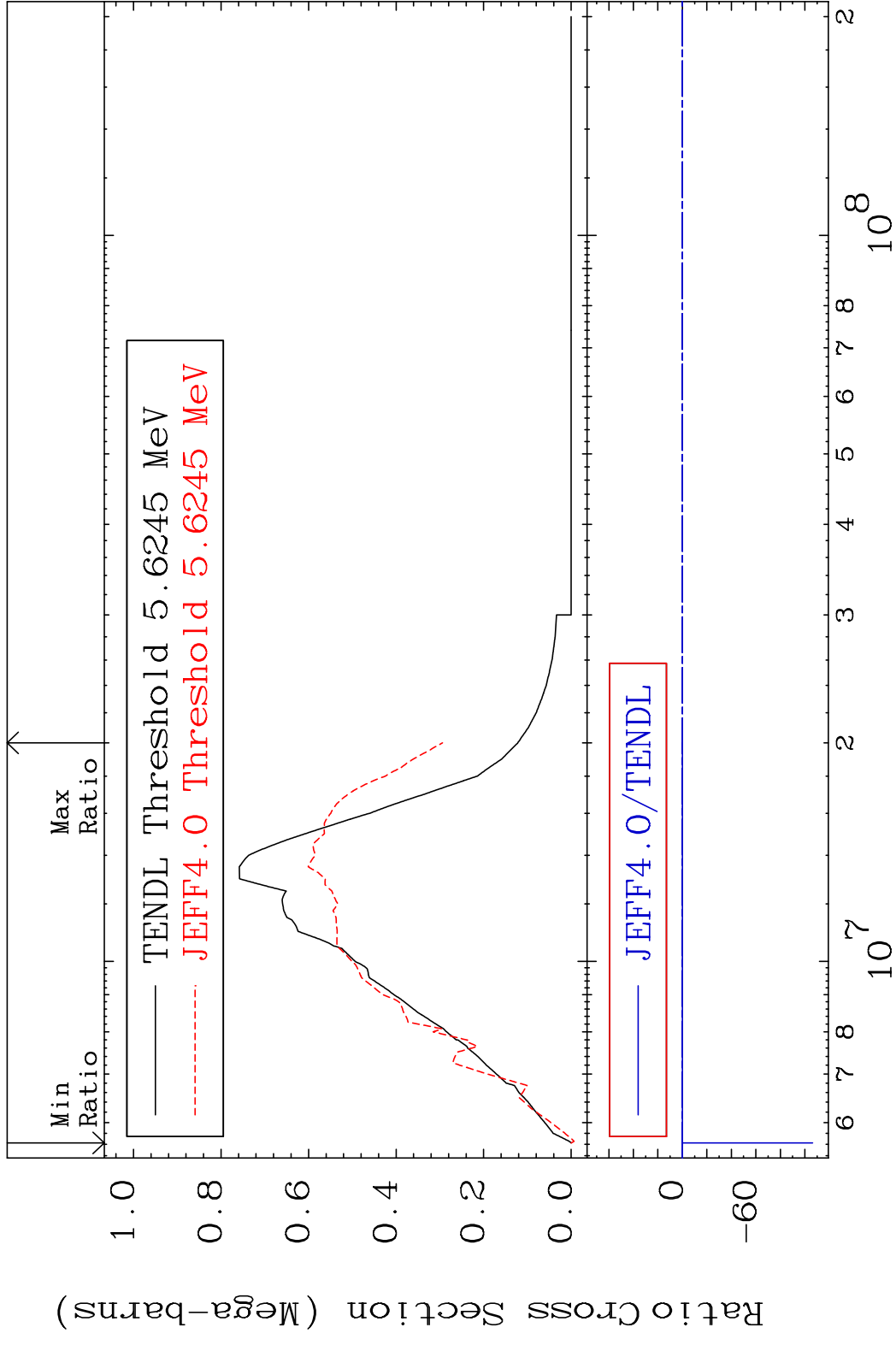
7-N -15

MAT 728 Kerma non-elastic (all but mt2) 7-N -15
 Cross Section -9999. To 9999. %

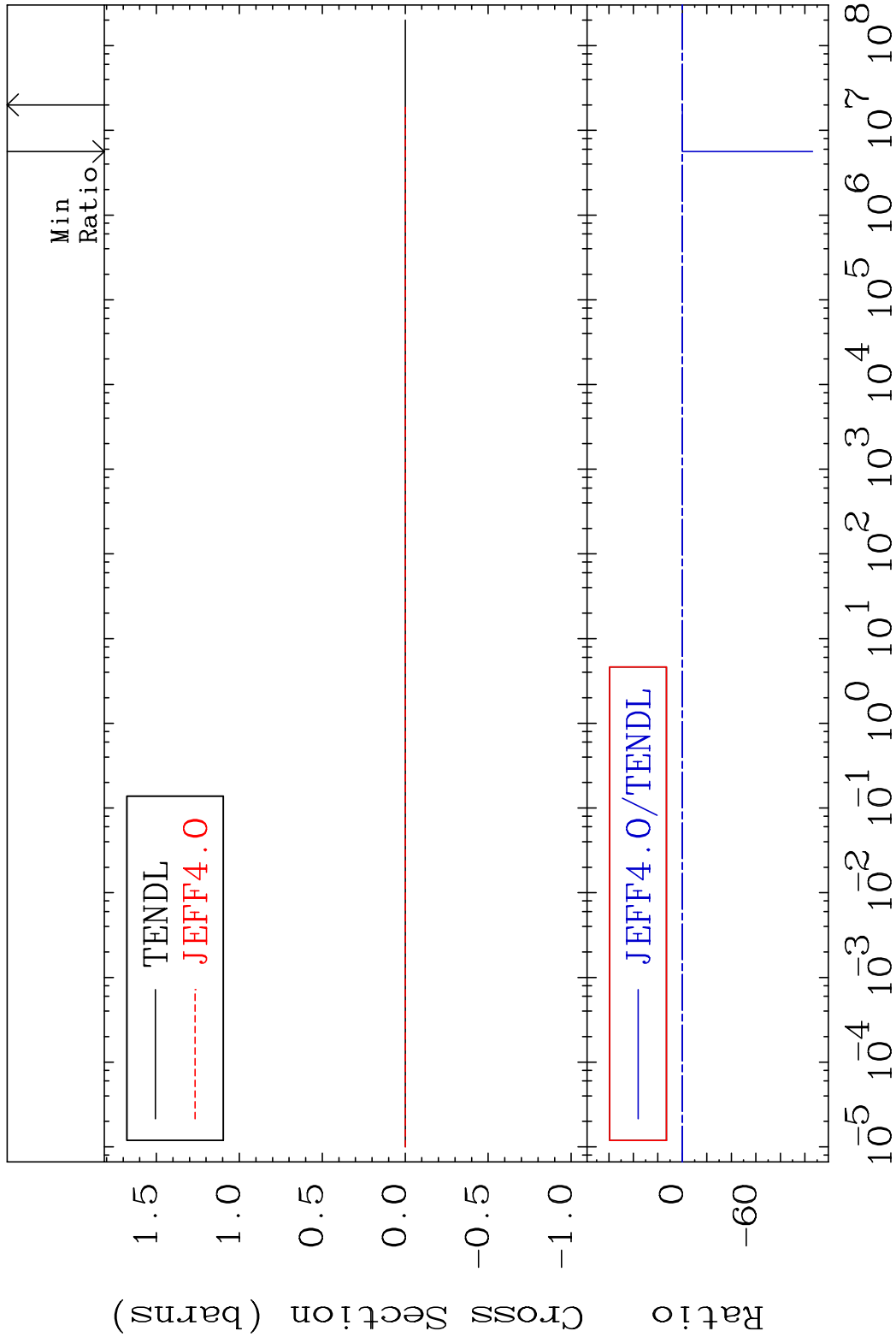


26 Incident Energy (eV) 7-N -15

MAT 728 Kerma inelastic (mt51-91) 7-N -15
 Cross Section -9999. To 141.0 %



MAT 728 Kerma fission (mt18 or mt19-20-21-38) 7-N -15
 Cross Section -9999. To 141.0 %

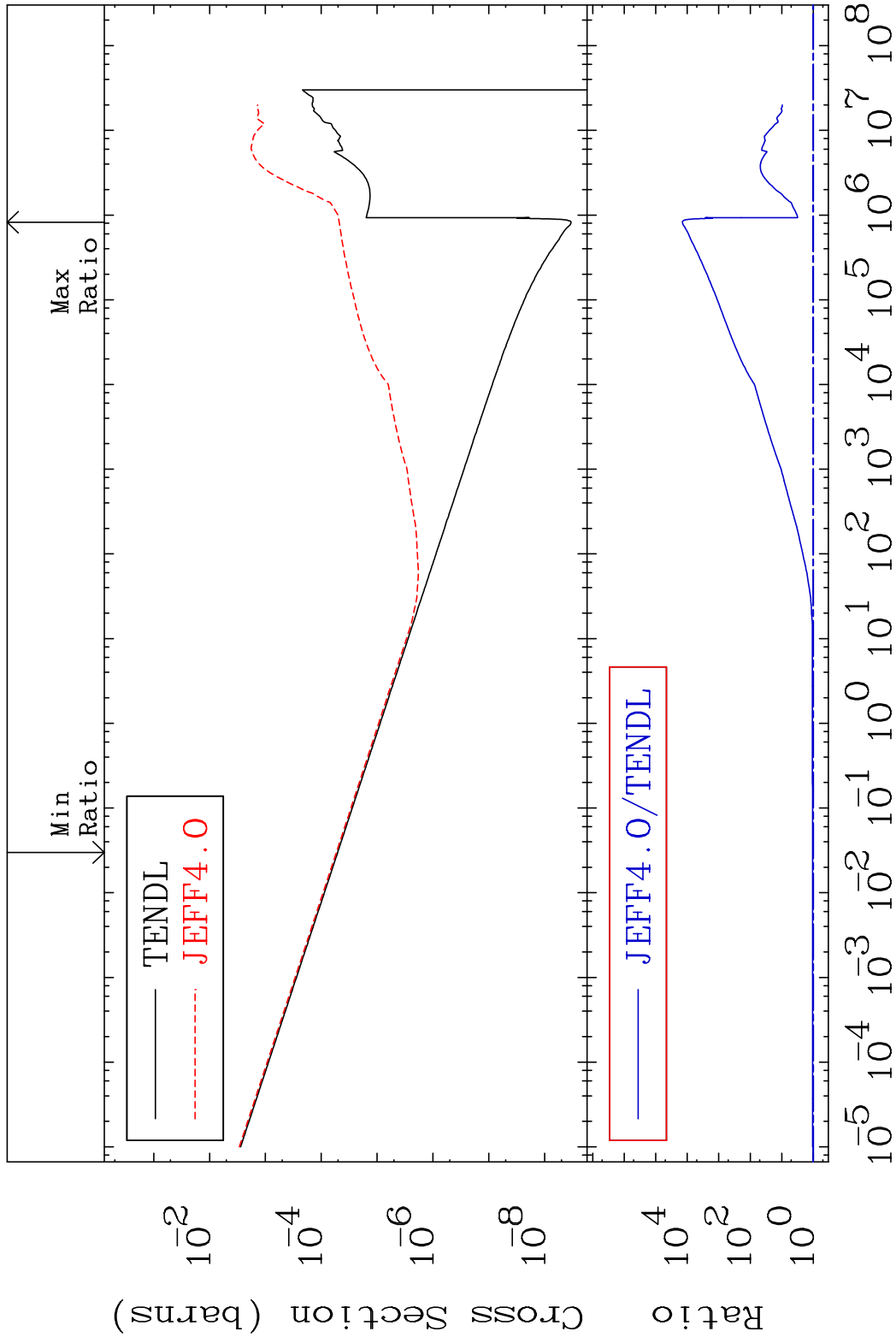


MAT 728

Kerma capture (mt102)

7-N -15

Cross Section 5.362 To 9999. %

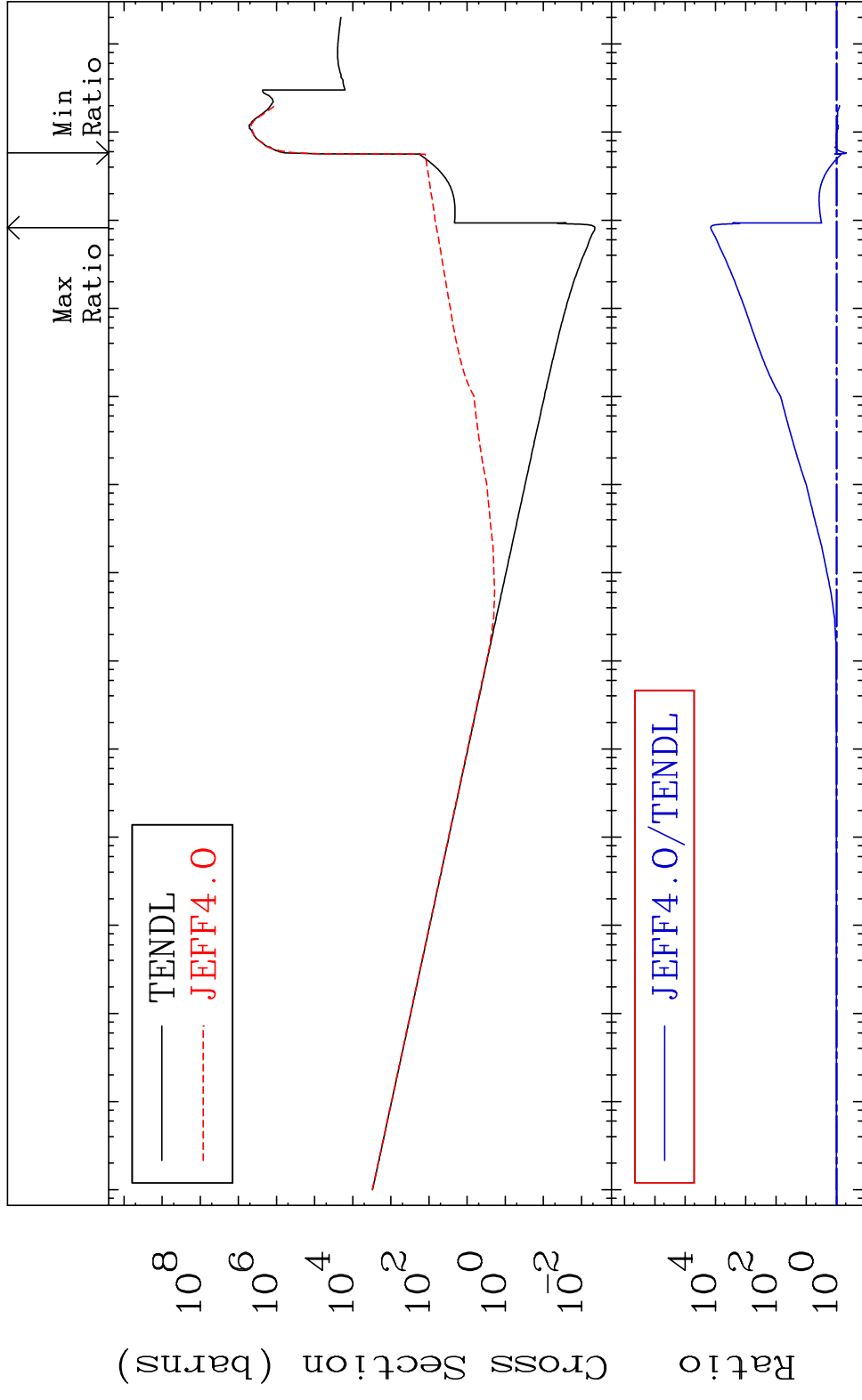


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Incident Energy (eV)

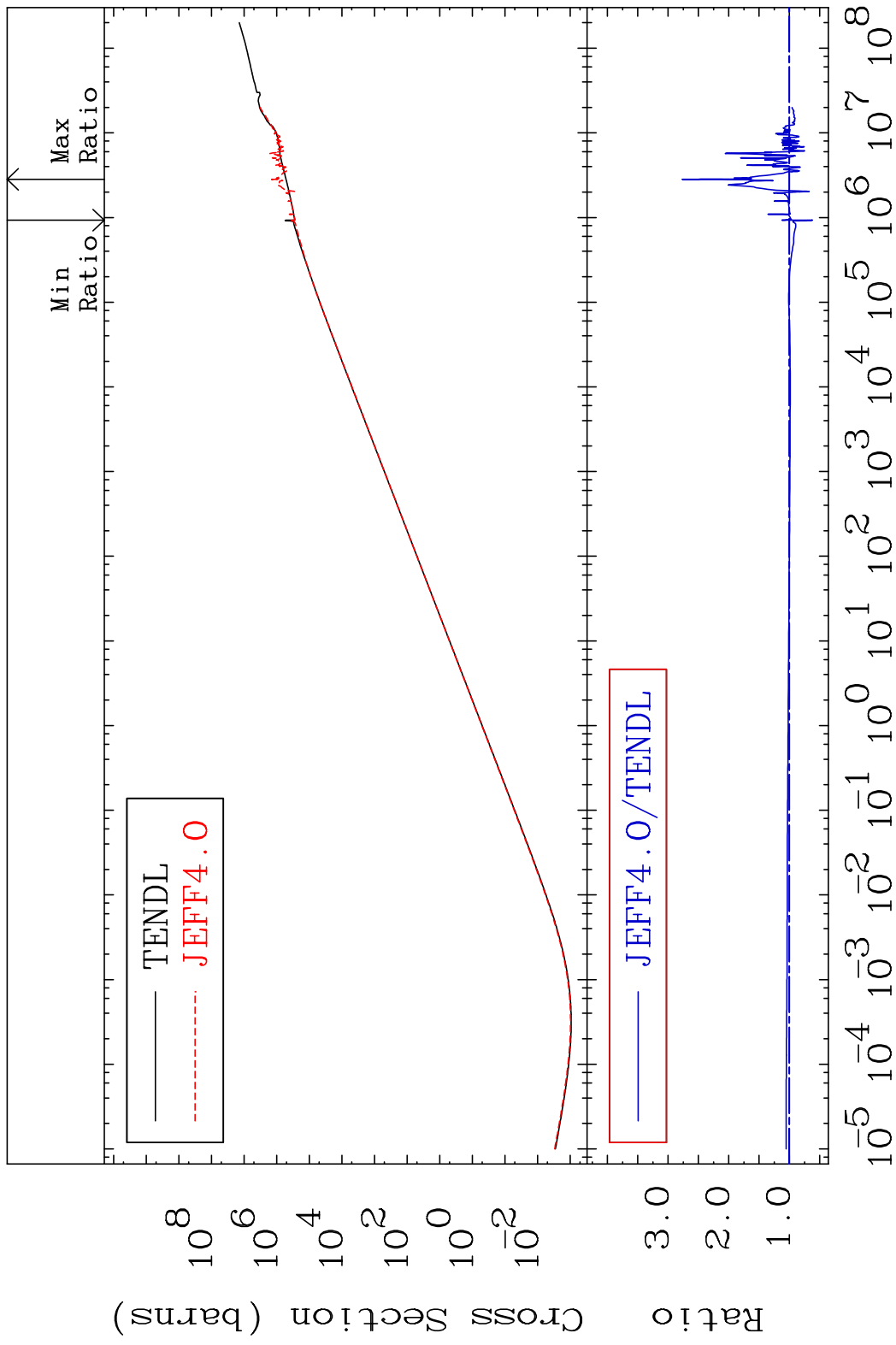
7-N -15

MAT 728 Total photon (eV-barns) 7-N -15
 Cross Section -52.36 To 9999. %



30 Incident Energy (eV) 7-N -15

MAT 728 Total kinematic kerma (high limit) 7-N -15
 Cross Section -38.19 To 176.5 %

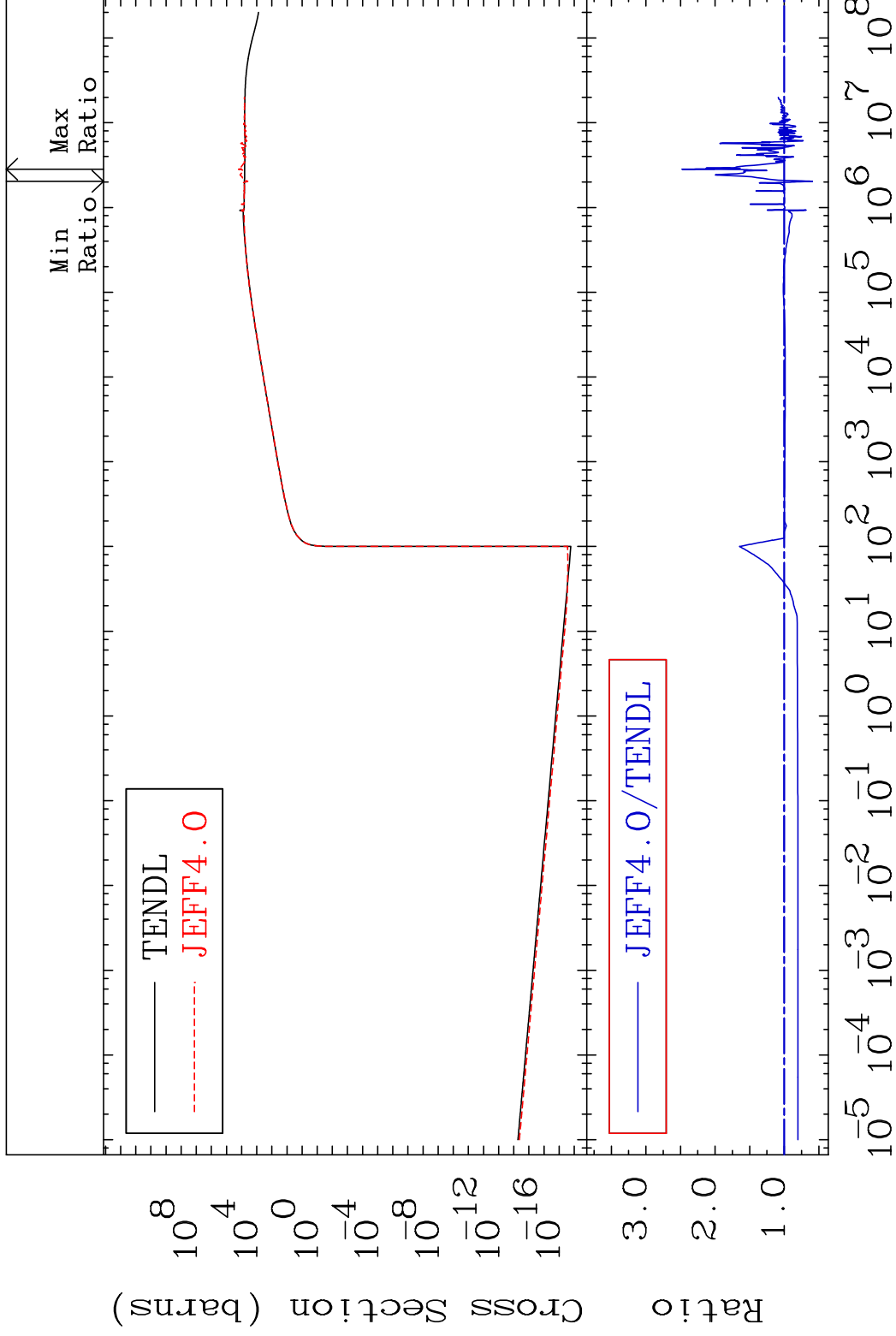


MAT 728

Dpa total (eV-barns)

7-N -15

Cross Section -40.80 To 147.6 %

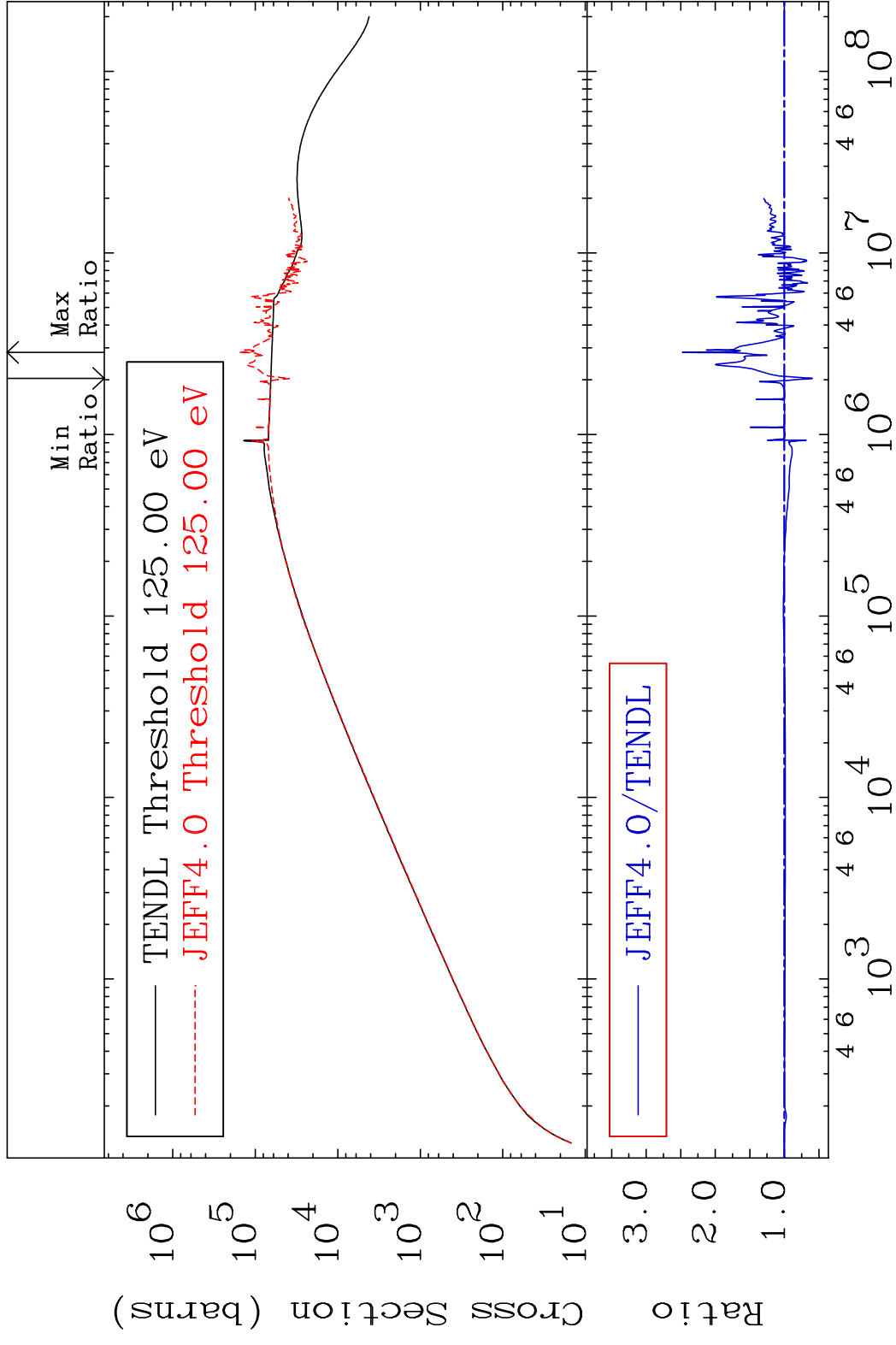


32

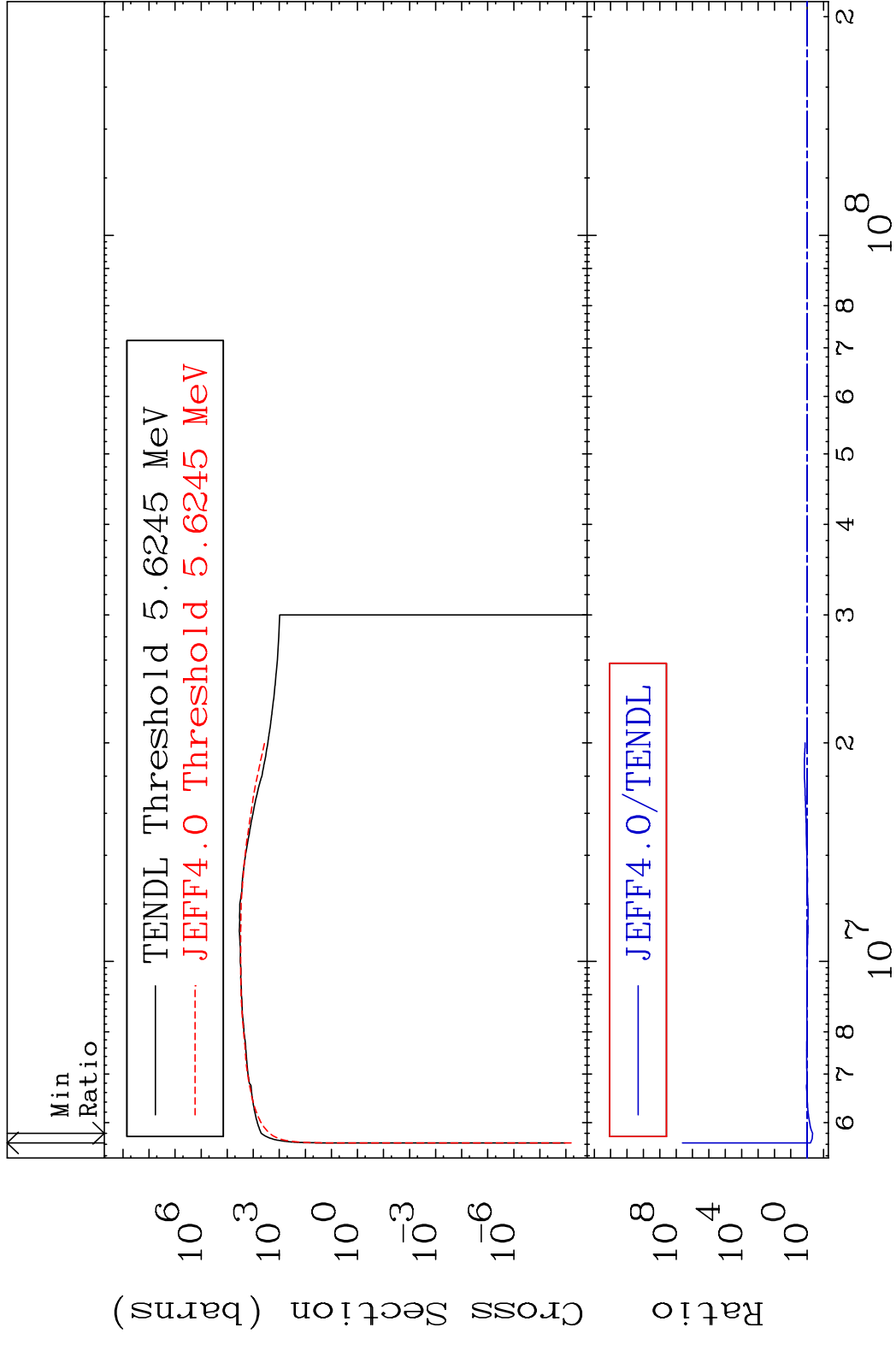
Incident Energy (eV)

7-N -15

MAT 728 Dpa elastic (mt2) 7-N -15
 Cross Section -40.80 To 147.6 %



MAT 728 Dpa inelastic (mt51-91) 7-N -15
 Cross Section -53.13 To 9999. %



MAT 728 Dpa disappearance (mt102 -120) 7-N -15
 Cross Section -82.37 To 9999. %

