

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

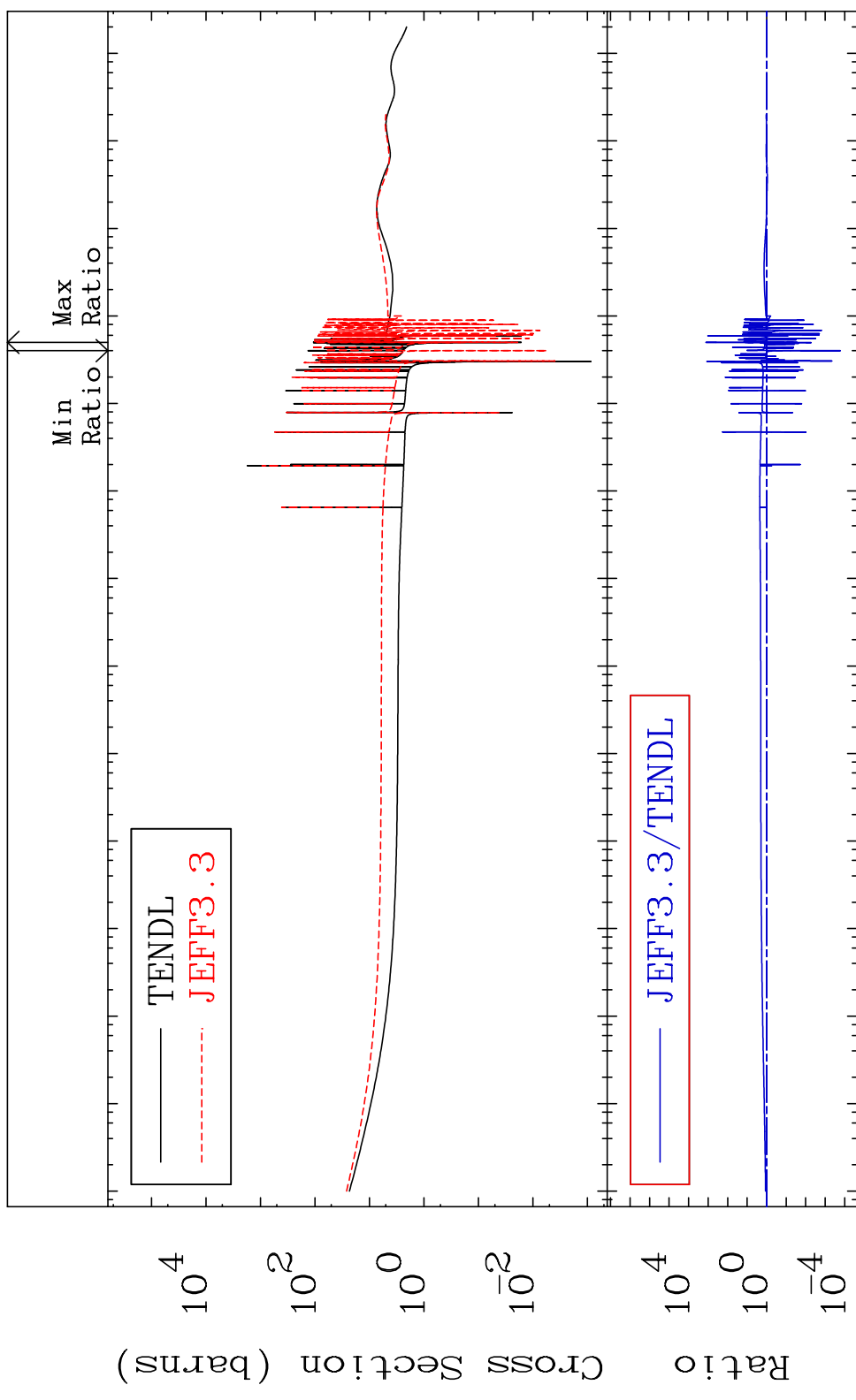
MAT 5649

Total

56-Ba-138

Cross Section

-99.98 To 9999. %



1

Incident Energy (eV)

56-Ba-138

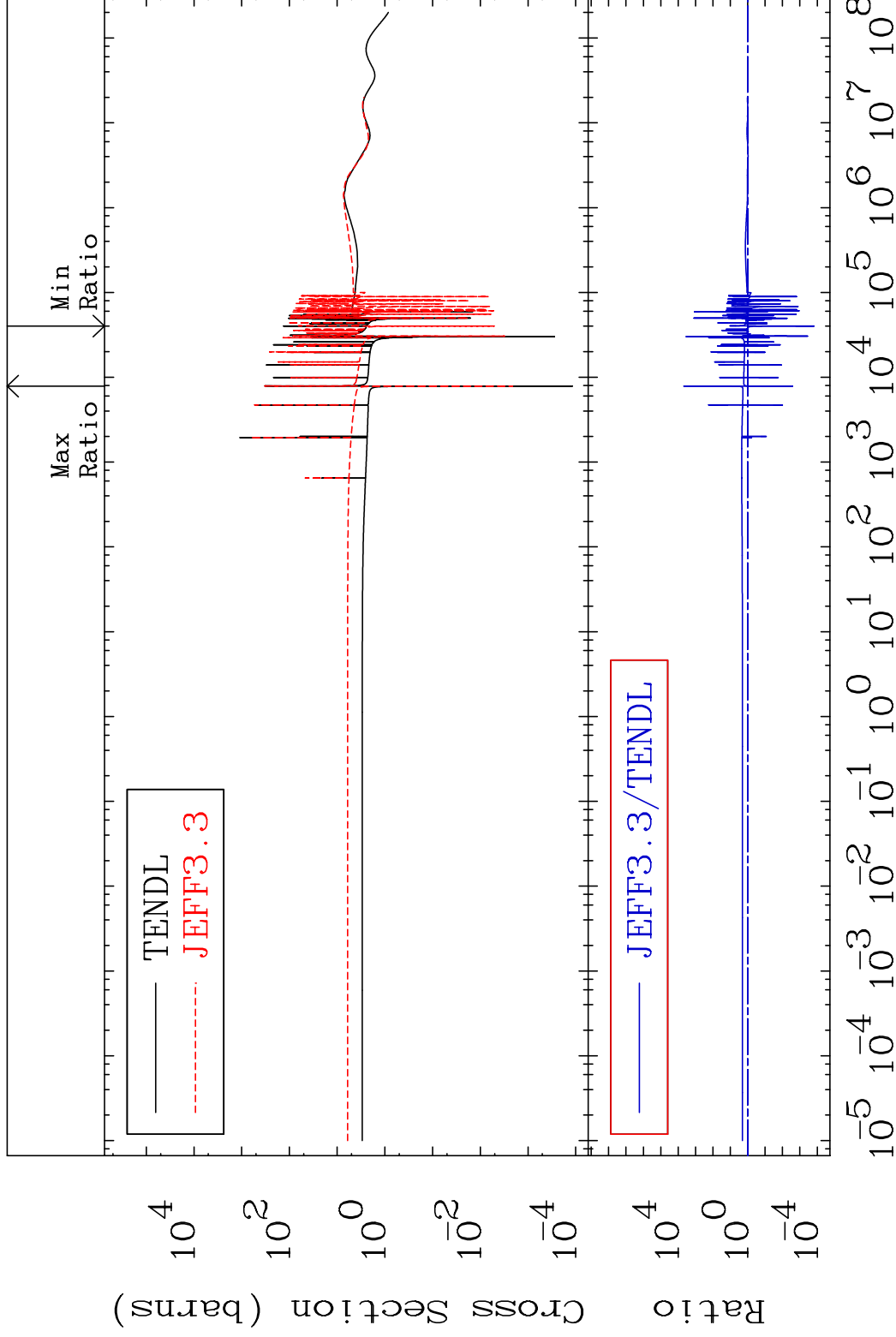
MAT 5649

Elastic

56-Ba-138

Cross Section

-99.98 To 9999. %



2

Incident Energy (eV)

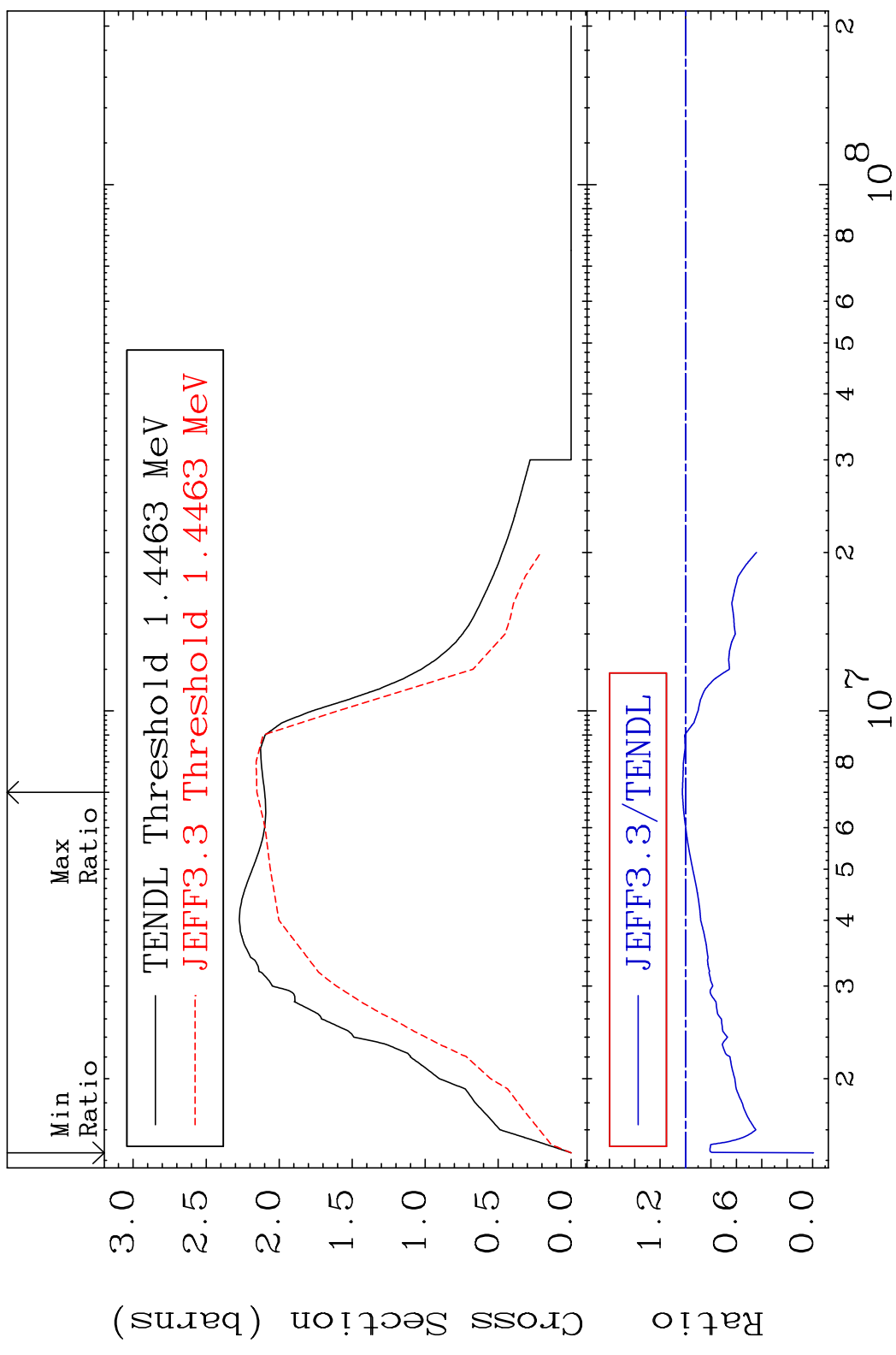
56-Ba-138

MAT 5649

Inelastic

56-Ba-138

Cross Section -100.0 To 2.498 %



3

Incident Energy (eV)

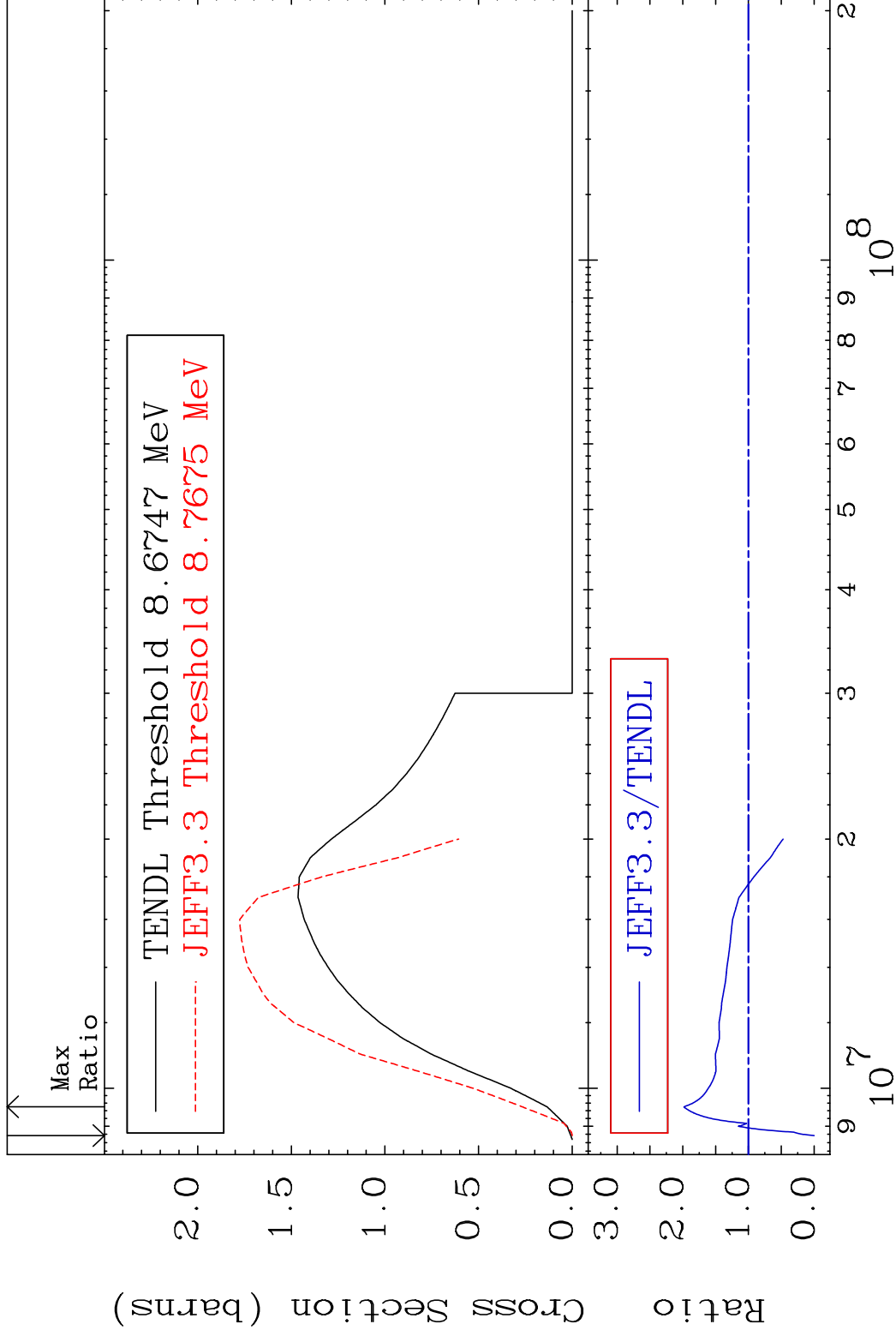
56-Ba-138

MAT 5649

(n,2n)

56-Ba-138

Cross Section -100.0 To 98.69 %



4

Incident Energy (eV)

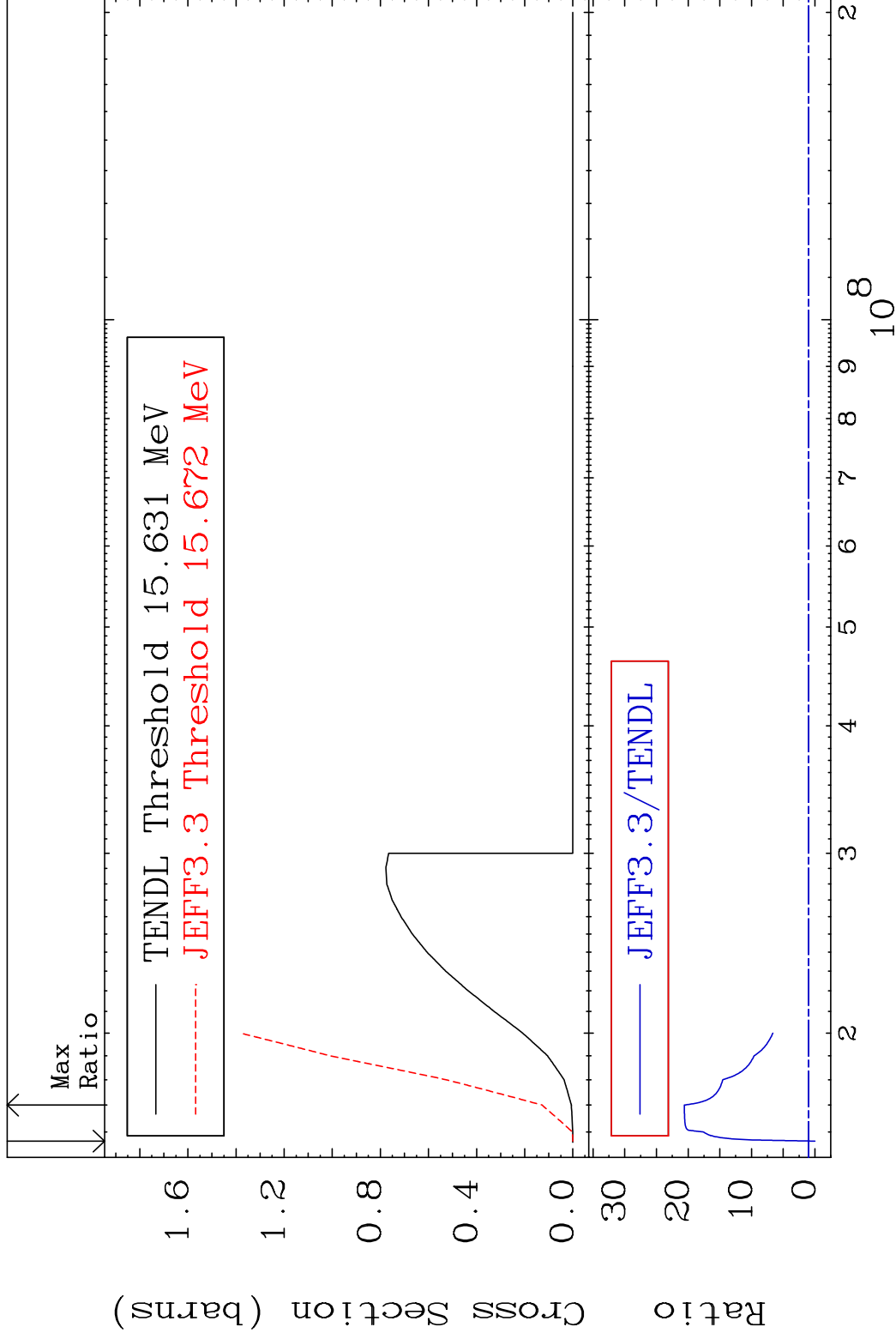
56-Ba-138

MAT 5649

(n,3n)

56-Ba-138

Cross Section -100.0 To 1960. %

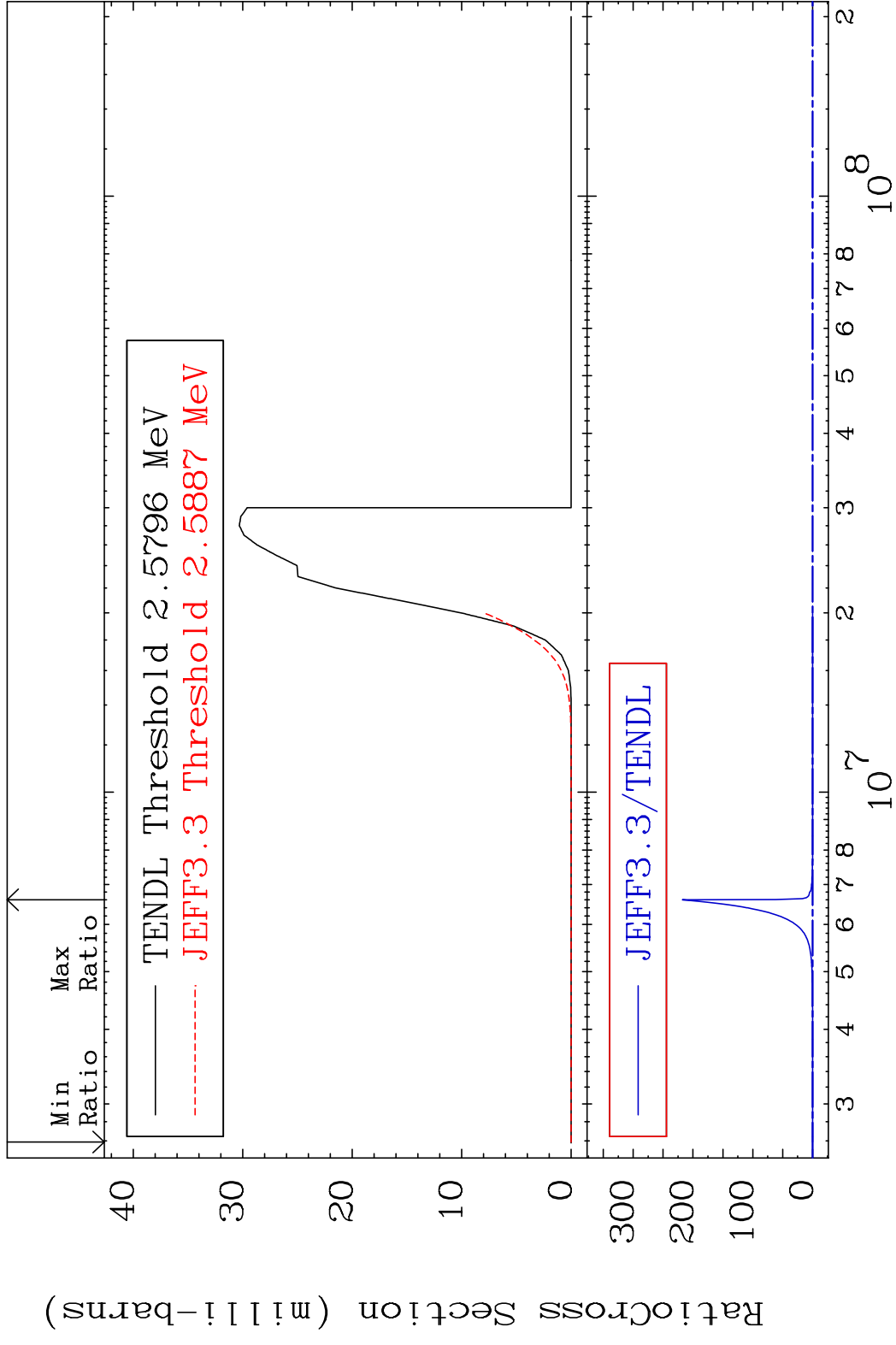


5

Incident Energy (eV)

56-Ba-138

MAT 5649 (n, n') α 56-Ba-138
 Cross Section -100.0 To 9999. %



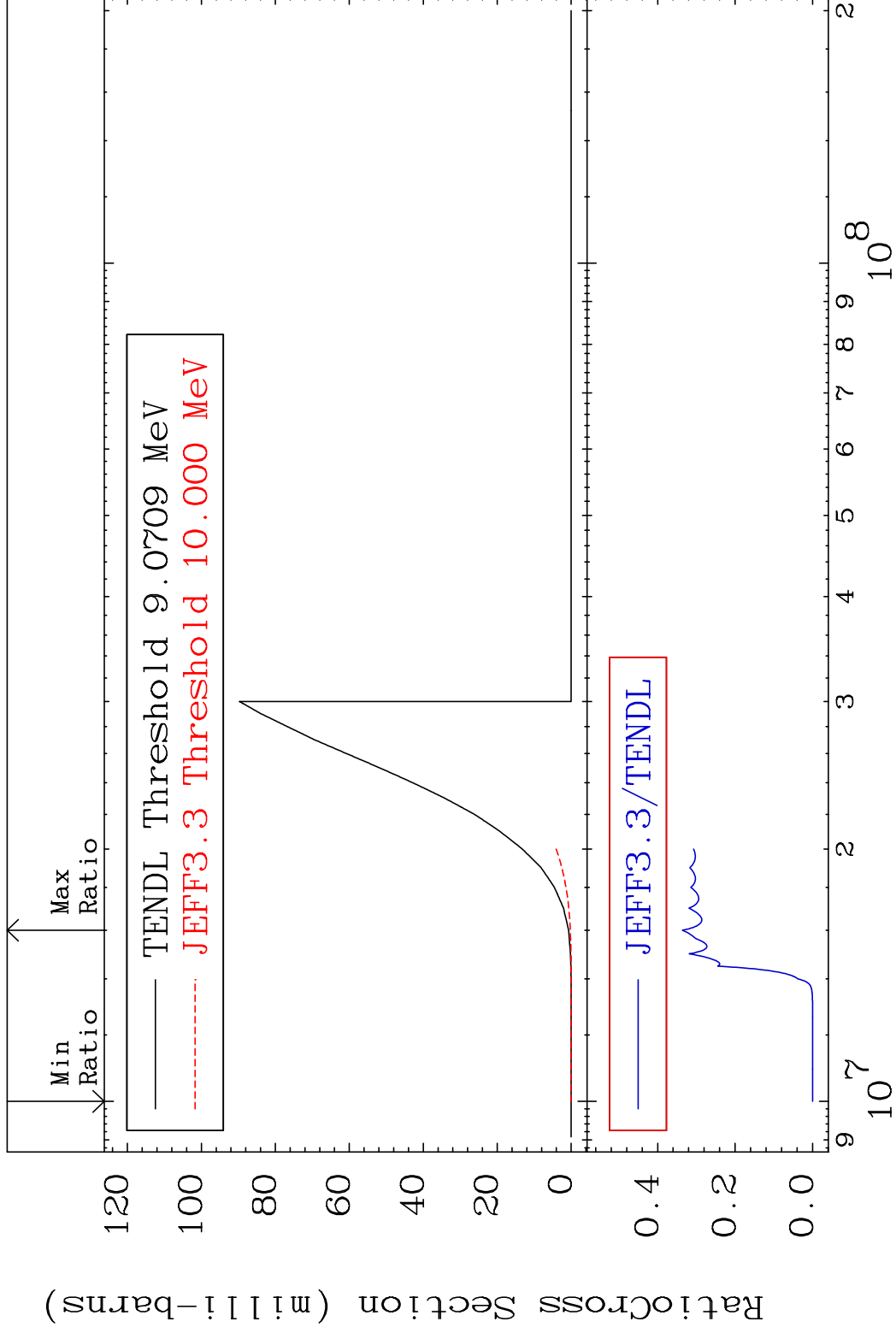
6 Incident Energy (eV) 56-Ba-138

MAT 5649

(n, n') p

56-Ba-138

Cross Section -100.0 To -66.38%

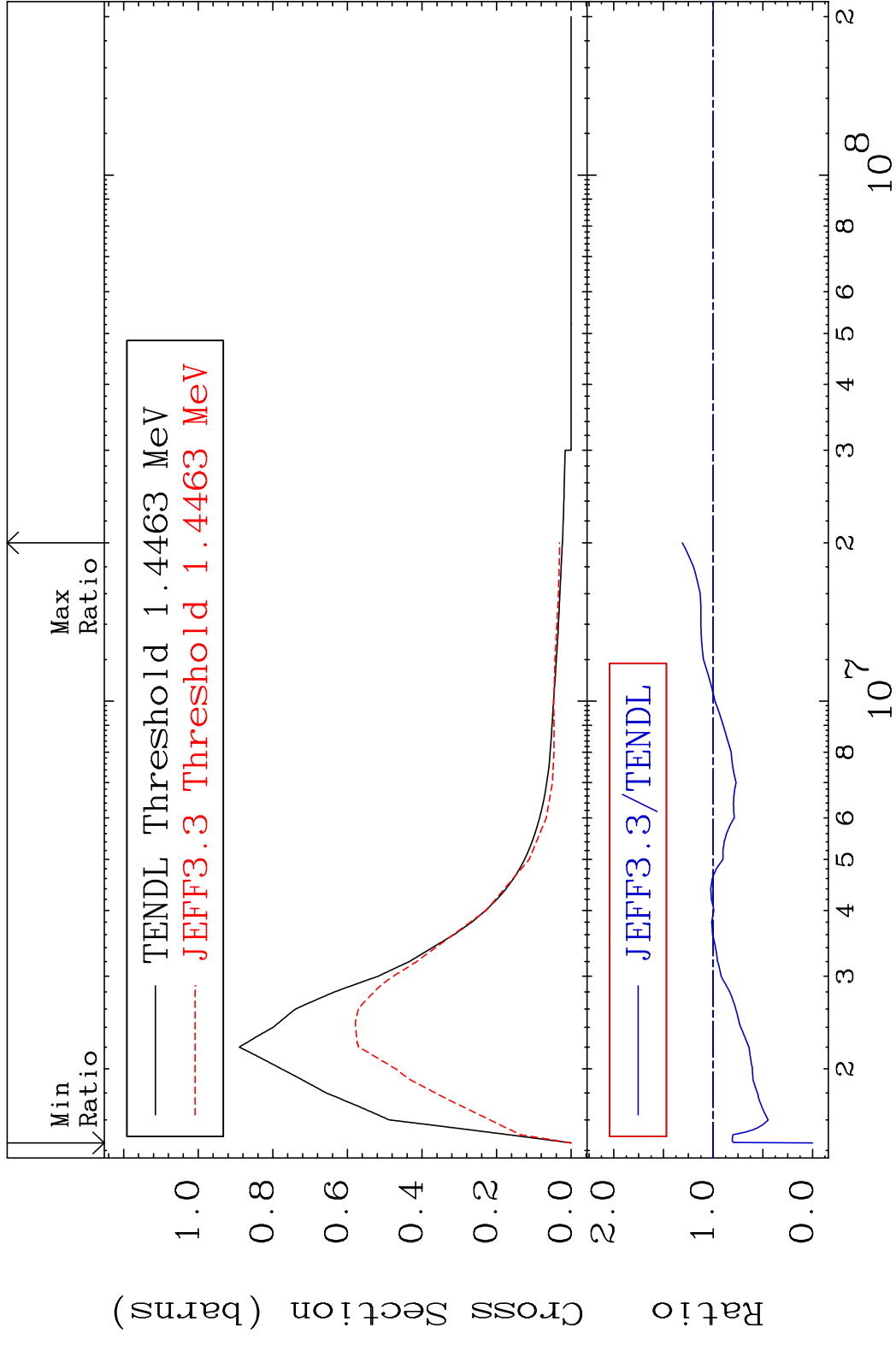


7

Incident Energy (eV)

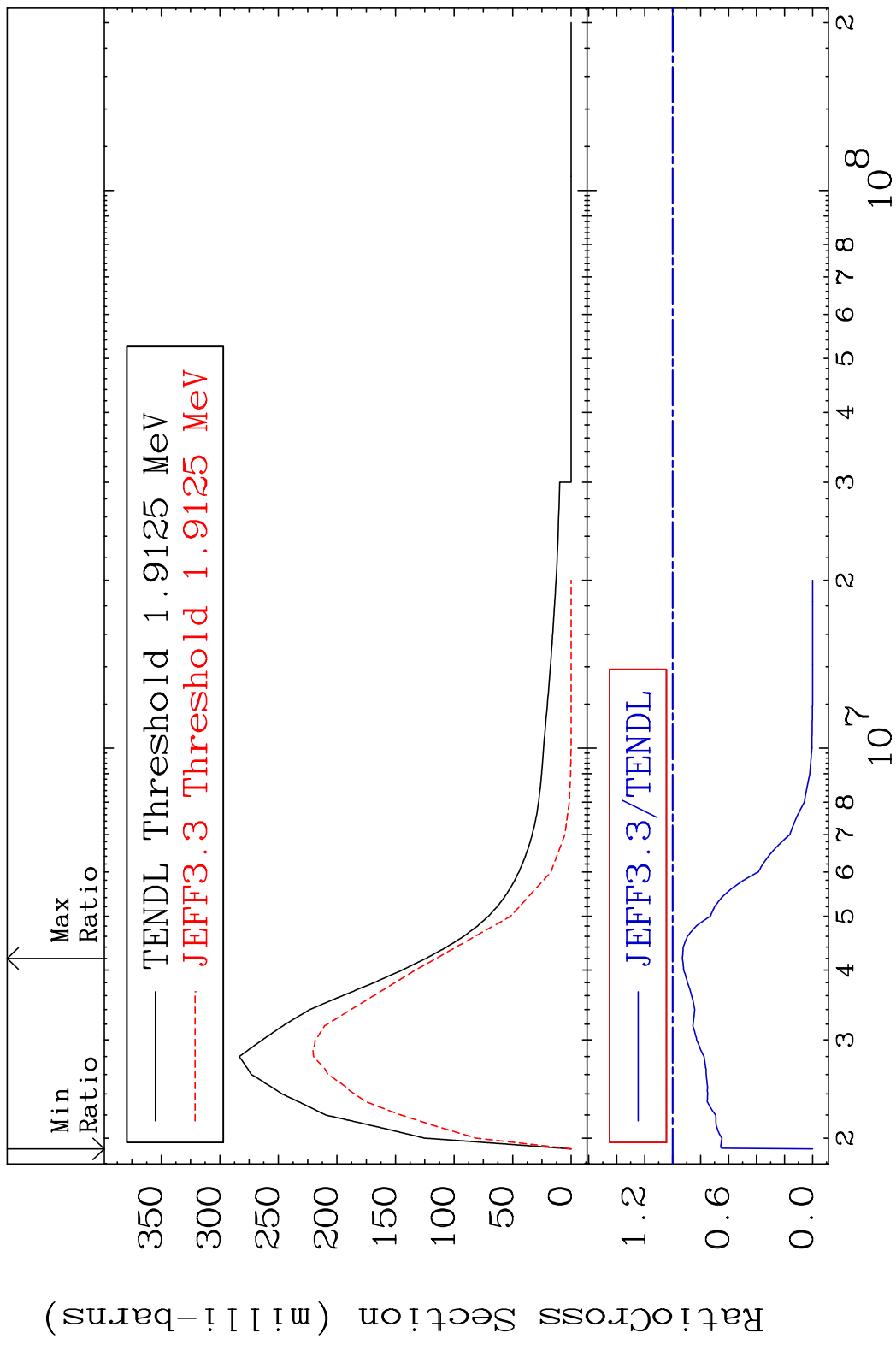
56-Ba-138

MAT 5649 MT= 51 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 31.04 %

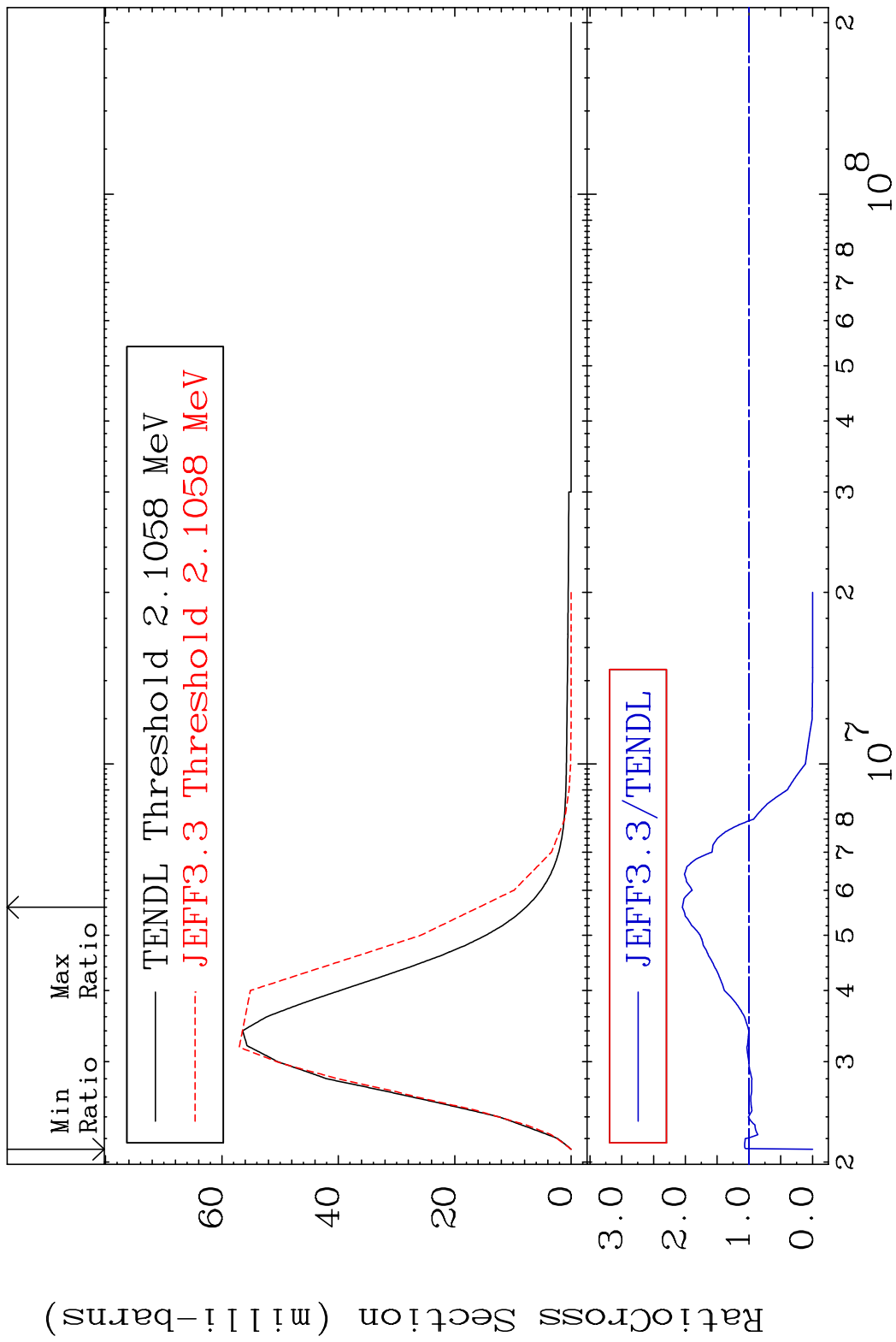


8 Incident Energy (eV) 56-Ba-138

MAT 5649 MT= 52 (n, n') Level 56-Ba-138
 Cross Section -100.0 To -6.930%

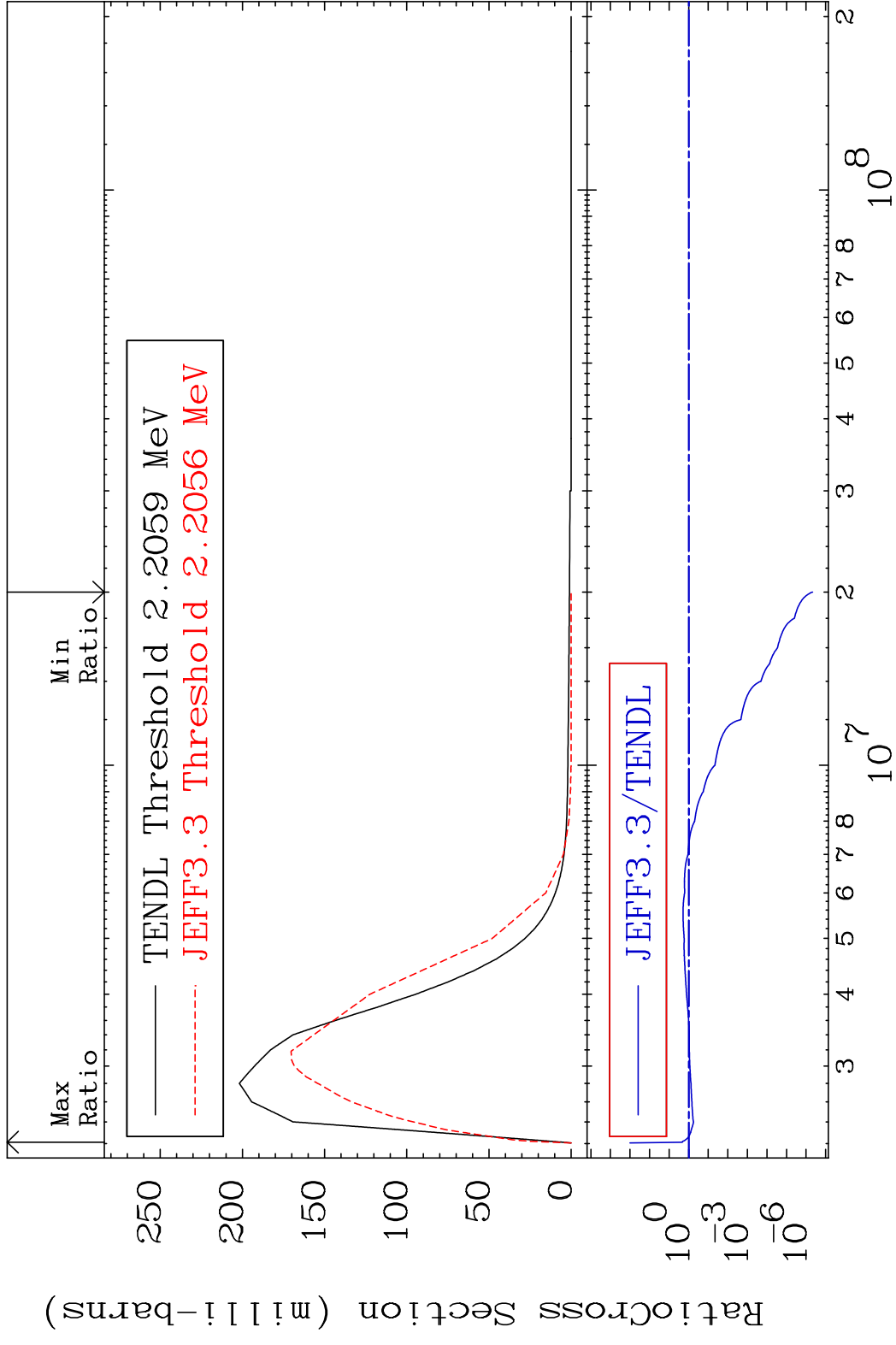


MAT 5649 MT= 53 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 104.7 %

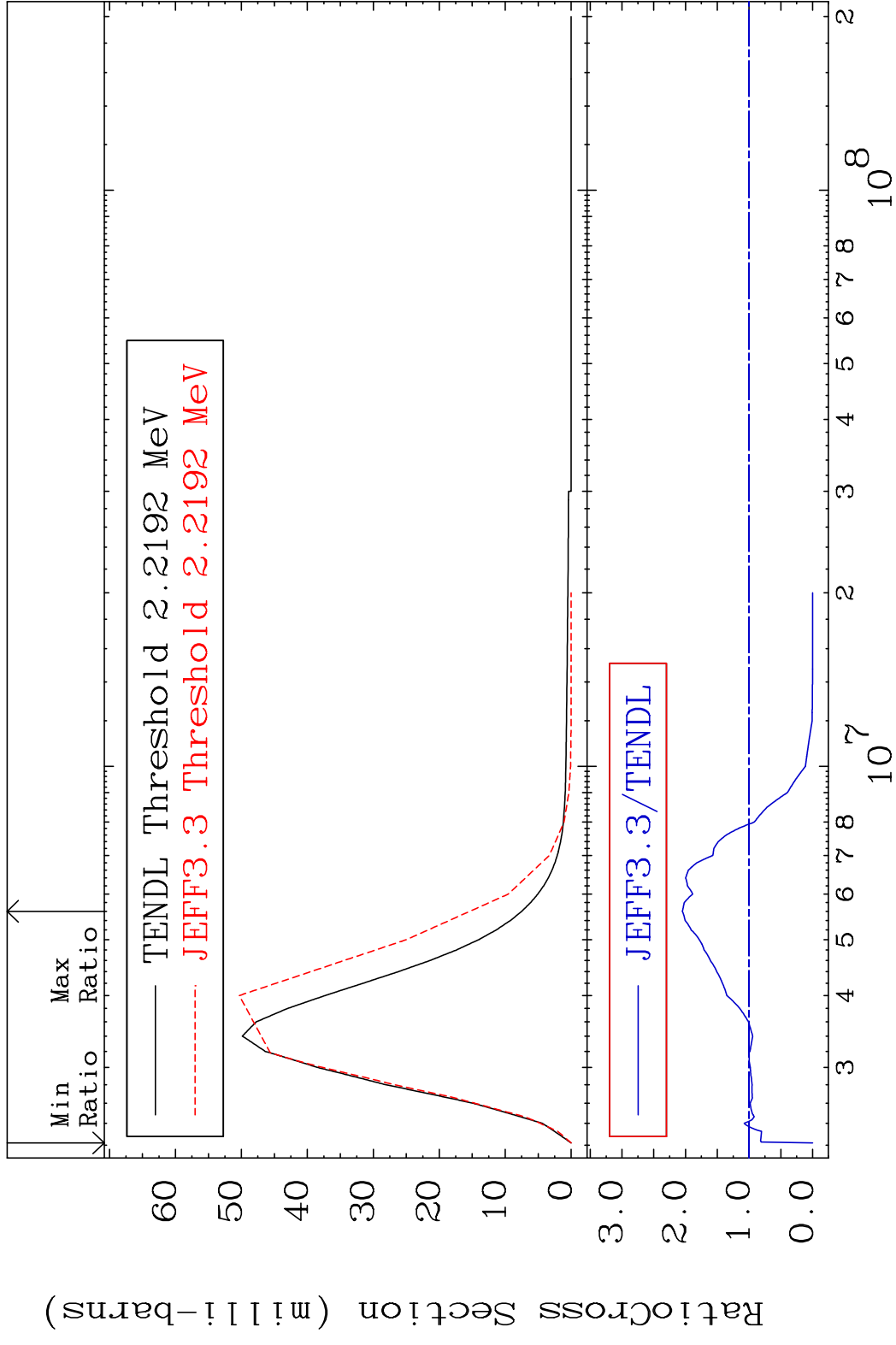


10 Incident Energy (eV) 56-Ba-138

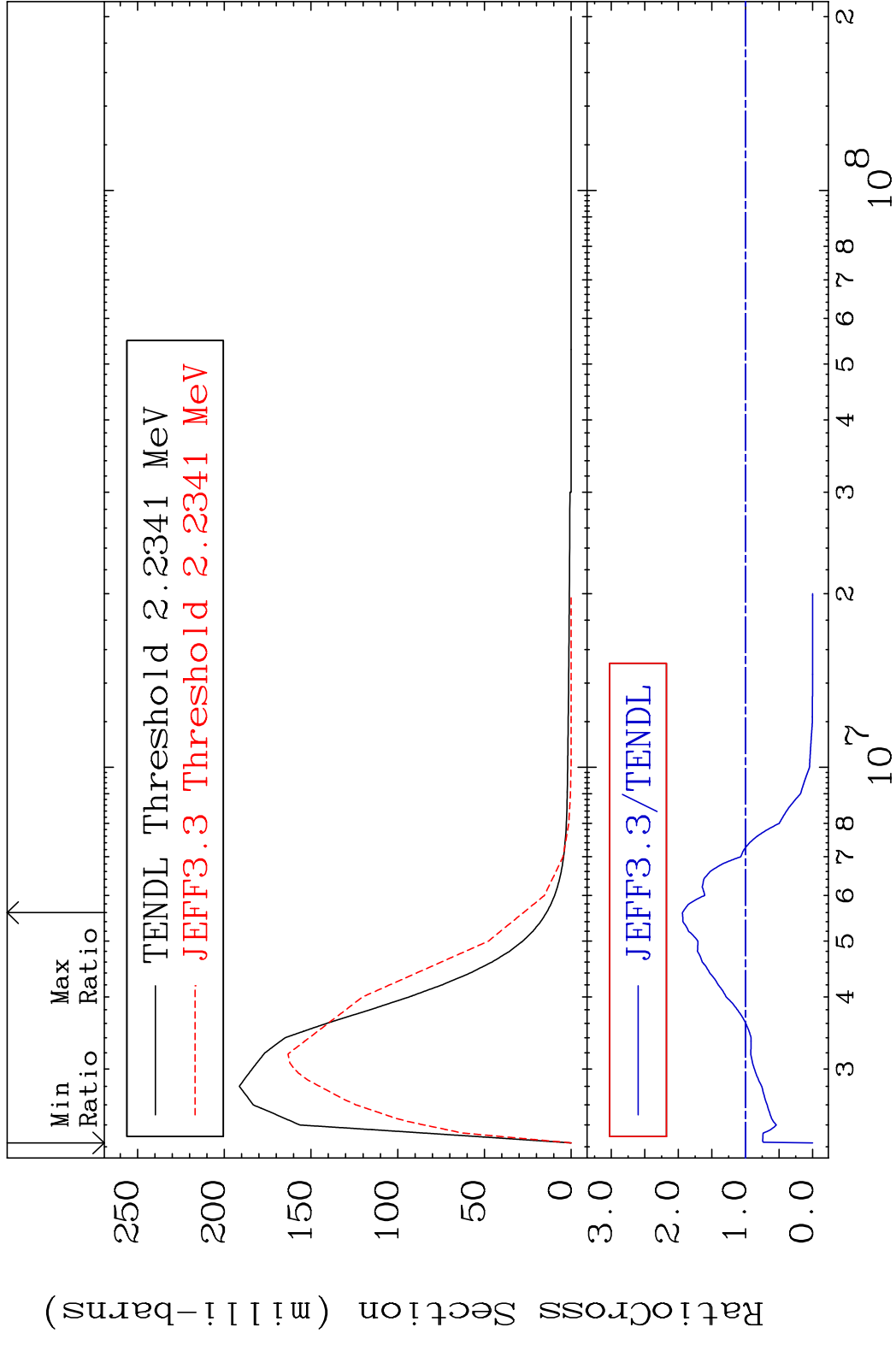
MAT 5649 MT= 54 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 110.4 %



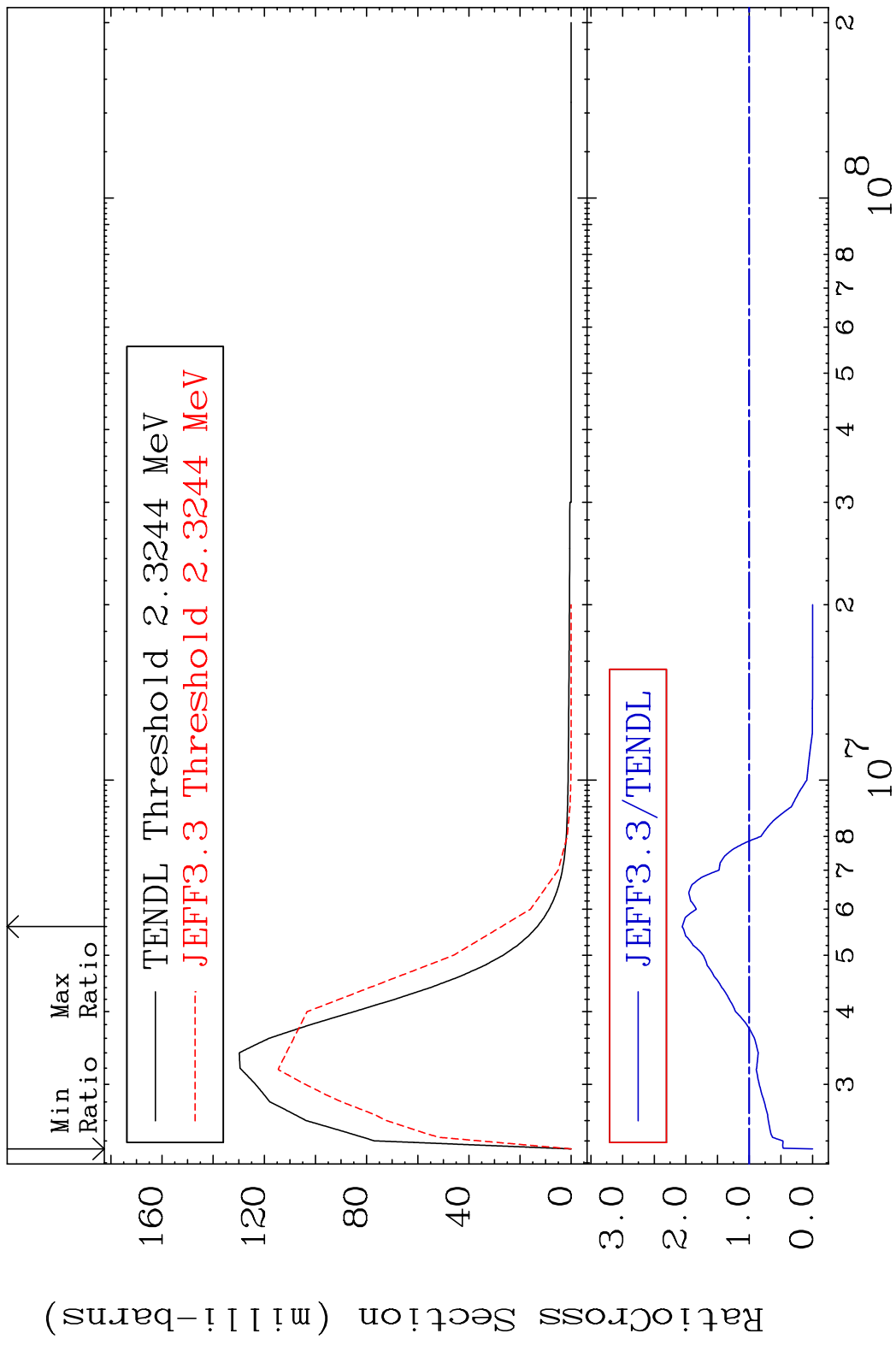
MAT 5649 MT= 55 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 105.0 %



MAT 5649 MT= 56 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 94.06 %



MAT 5649 MT= 57 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 105.6 %

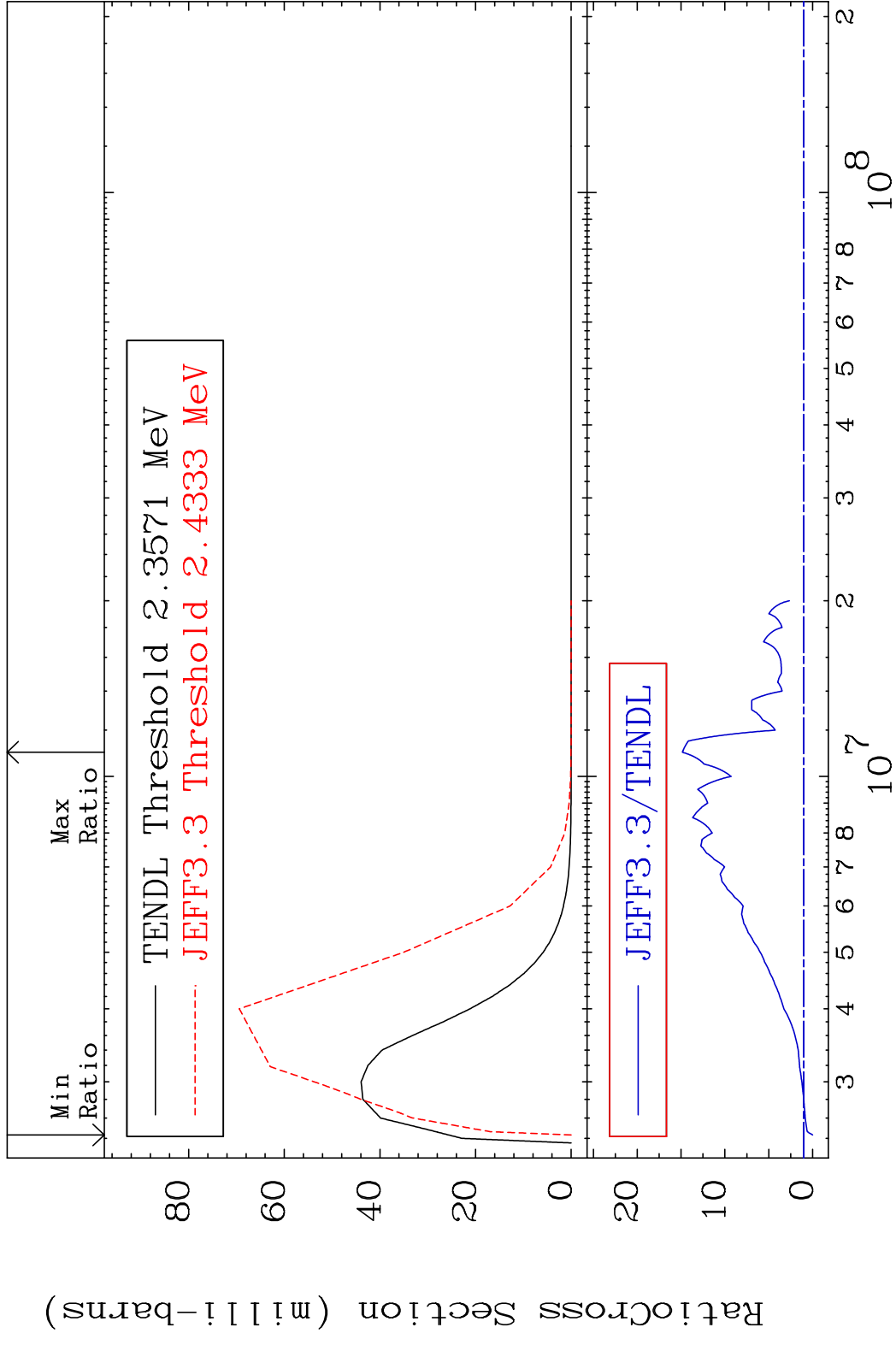


MAT 5649

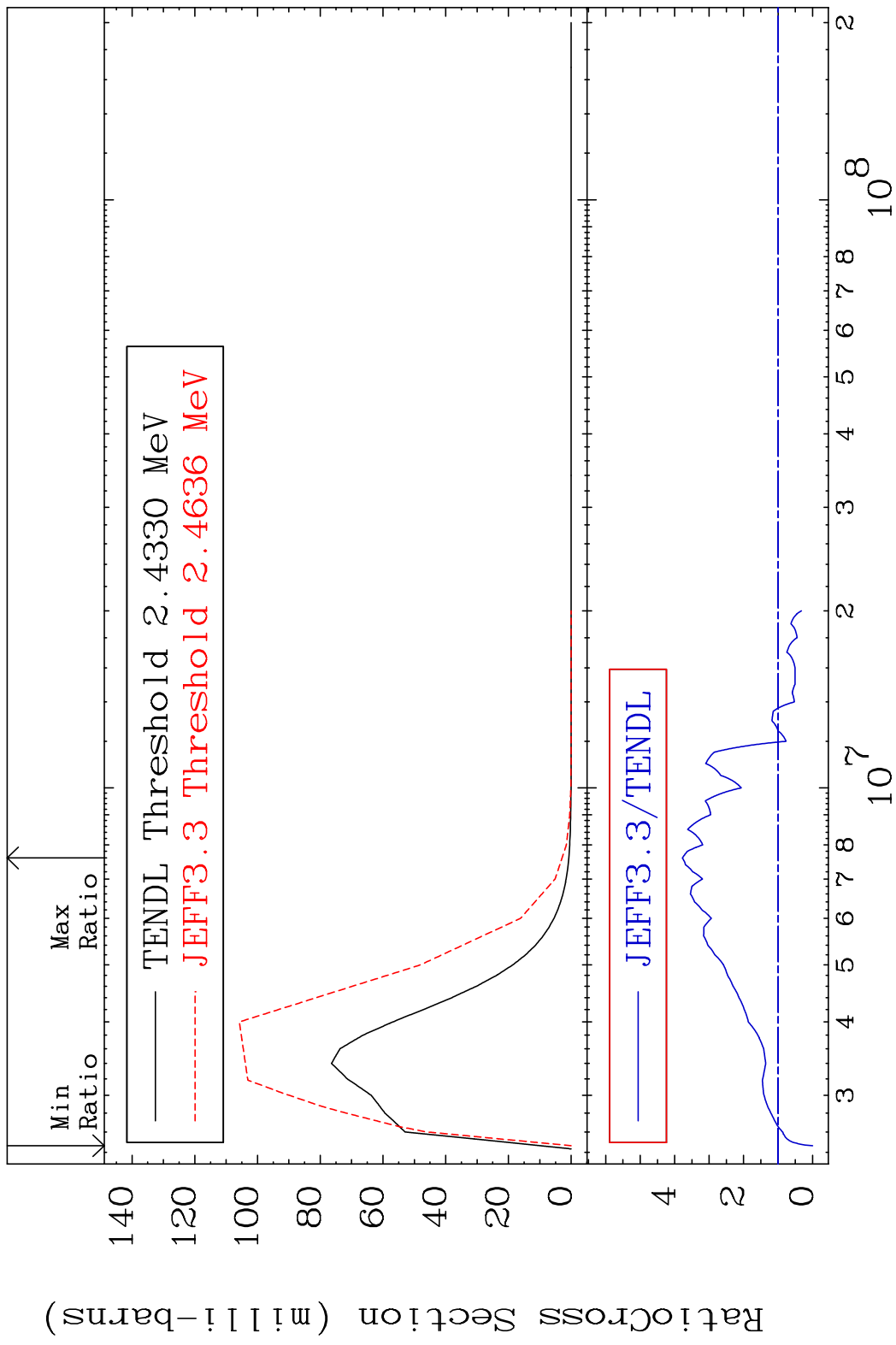
MT= 58 (n, n') Level

56-Ba-138

Cross Section -100.0 To 1386. %

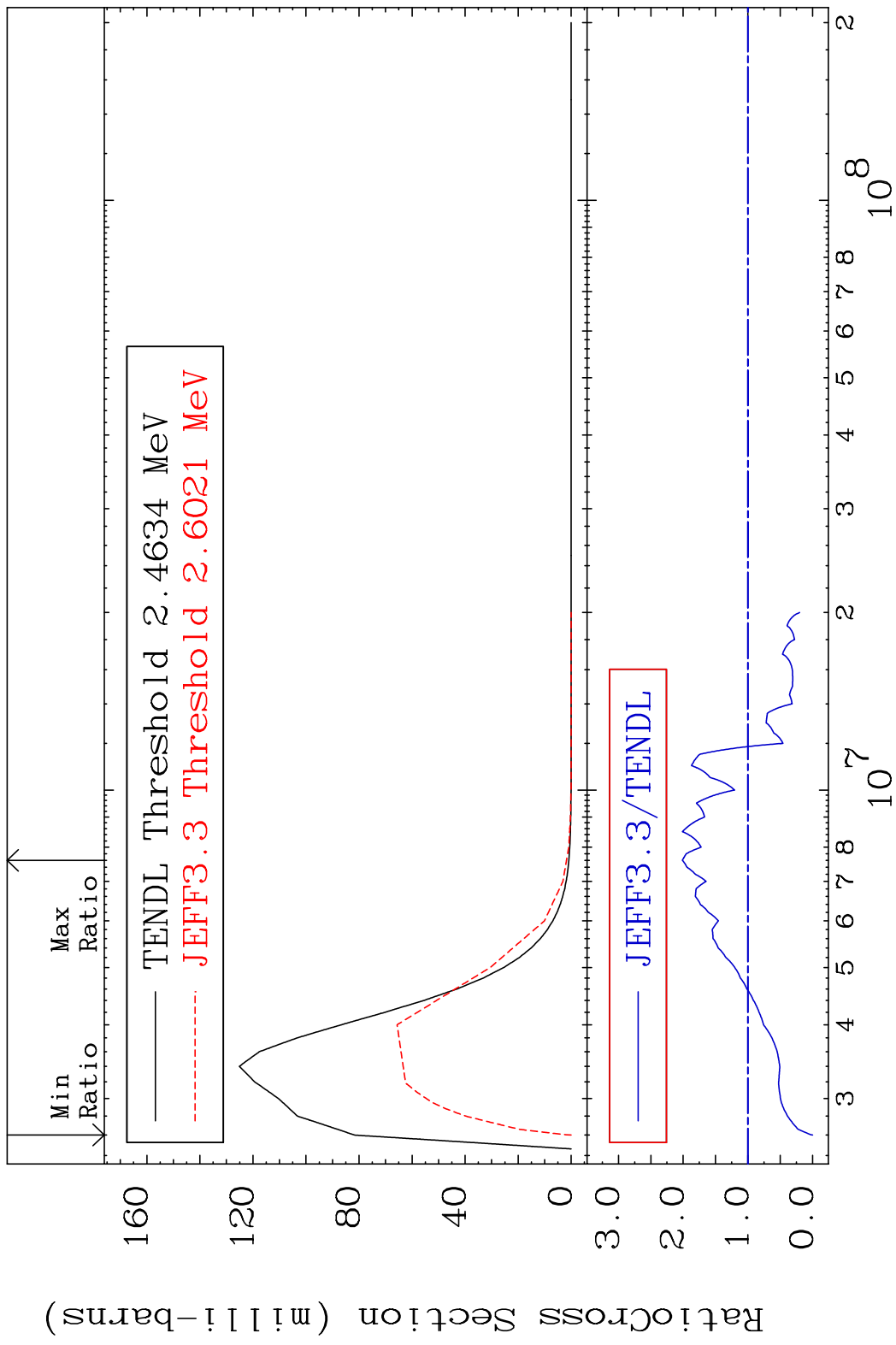


MAT 5649 MT= 59 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 277.7 %

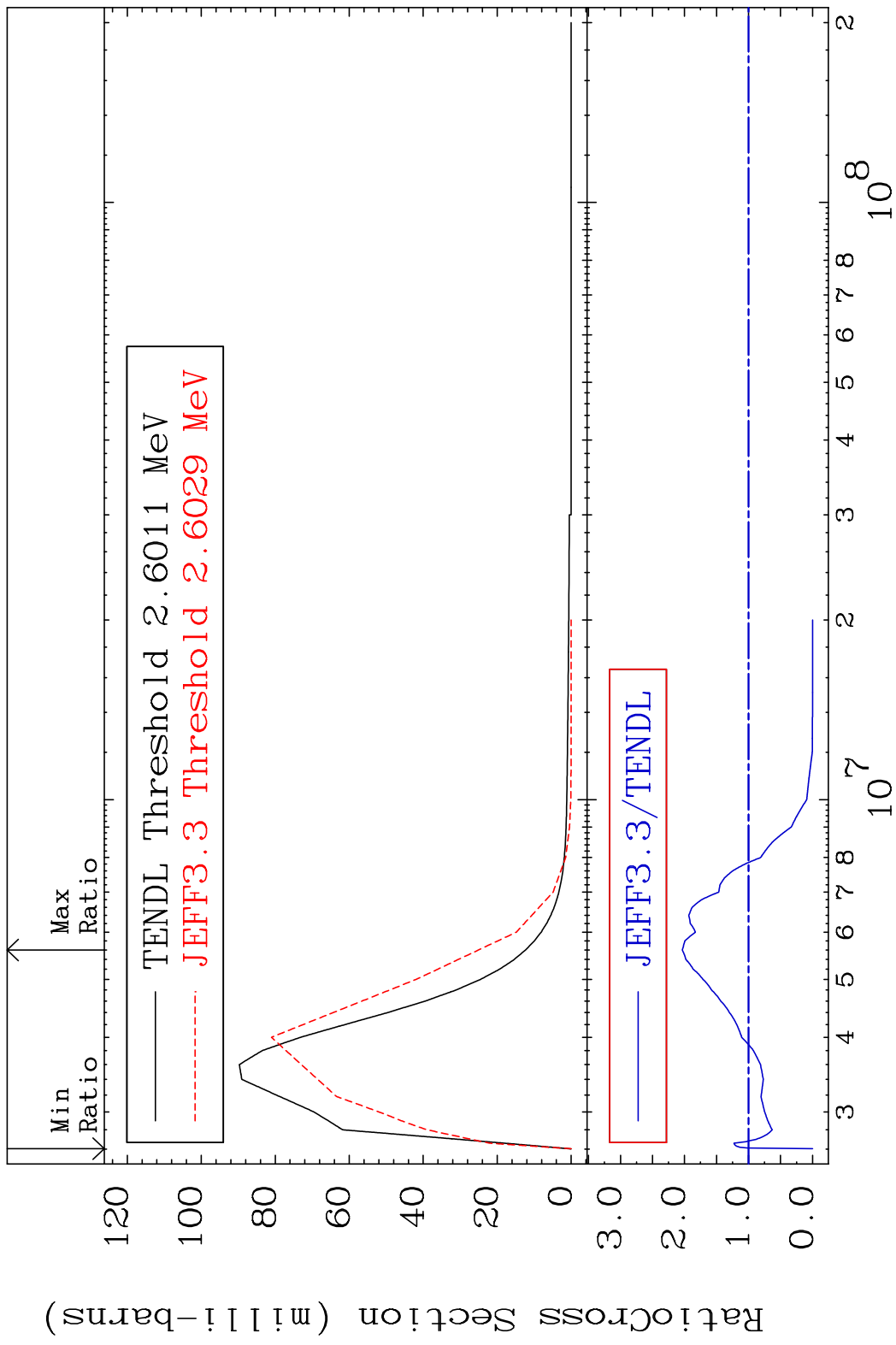


16 Incident Energy (eV) 56-Ba-138

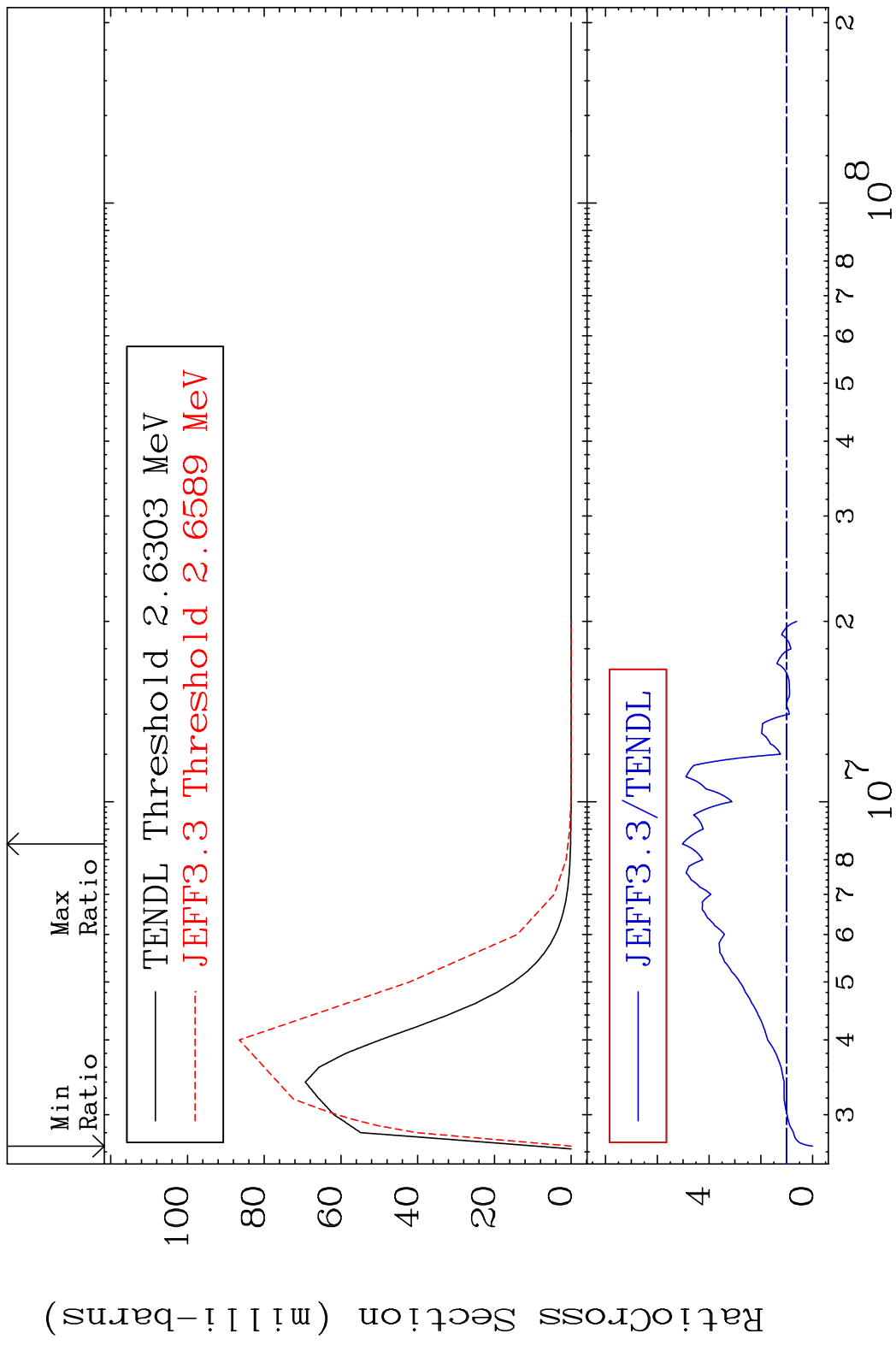
MAT 5649 MT= 60 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 101.2 %



MAT 5649 MT= 61 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 103.4 %

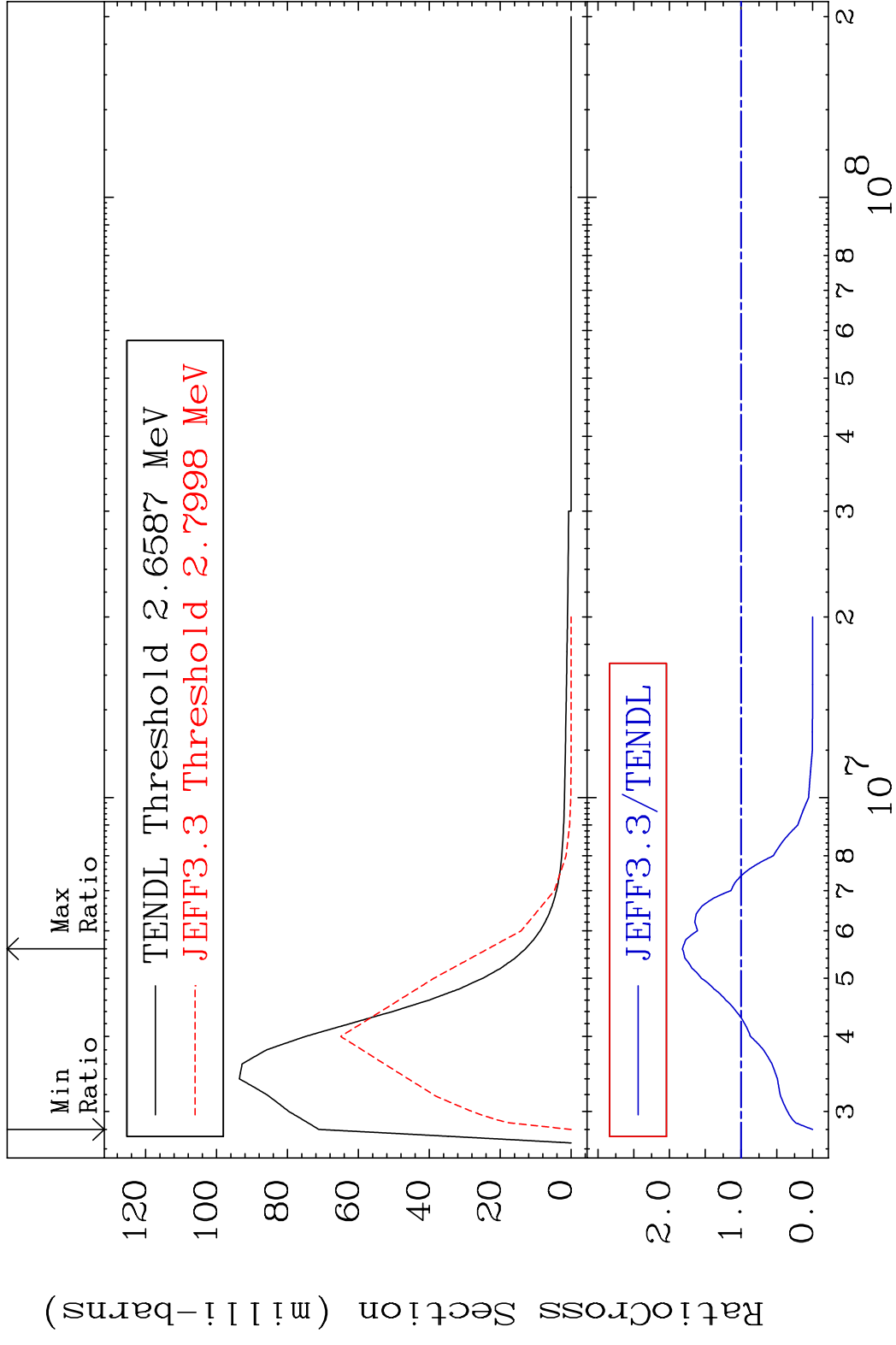


MAT 5649 MT= 62 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 403.1 %



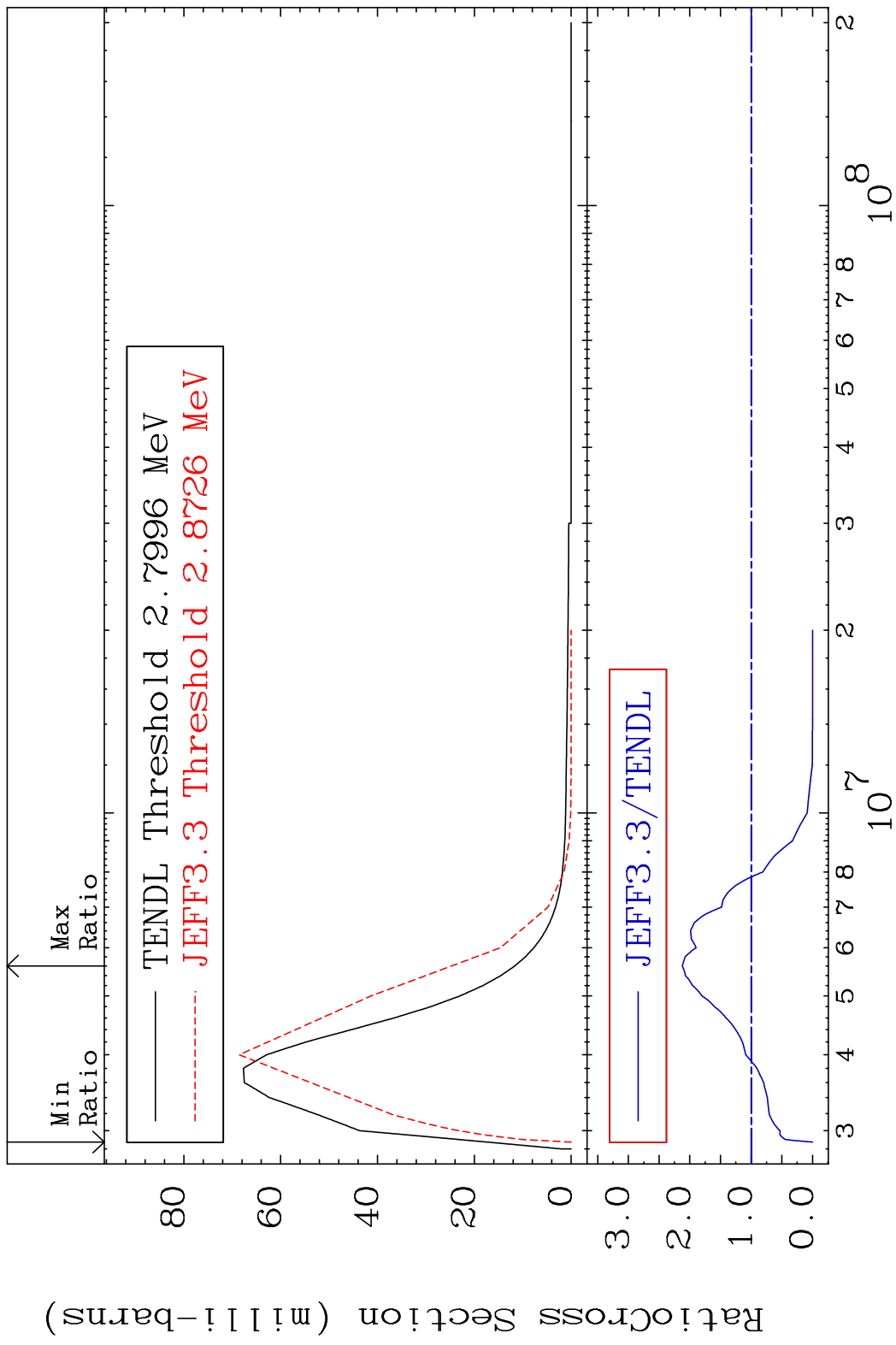
19 56-Ba-138

MAT 5649 MT= 63 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 82.03 %

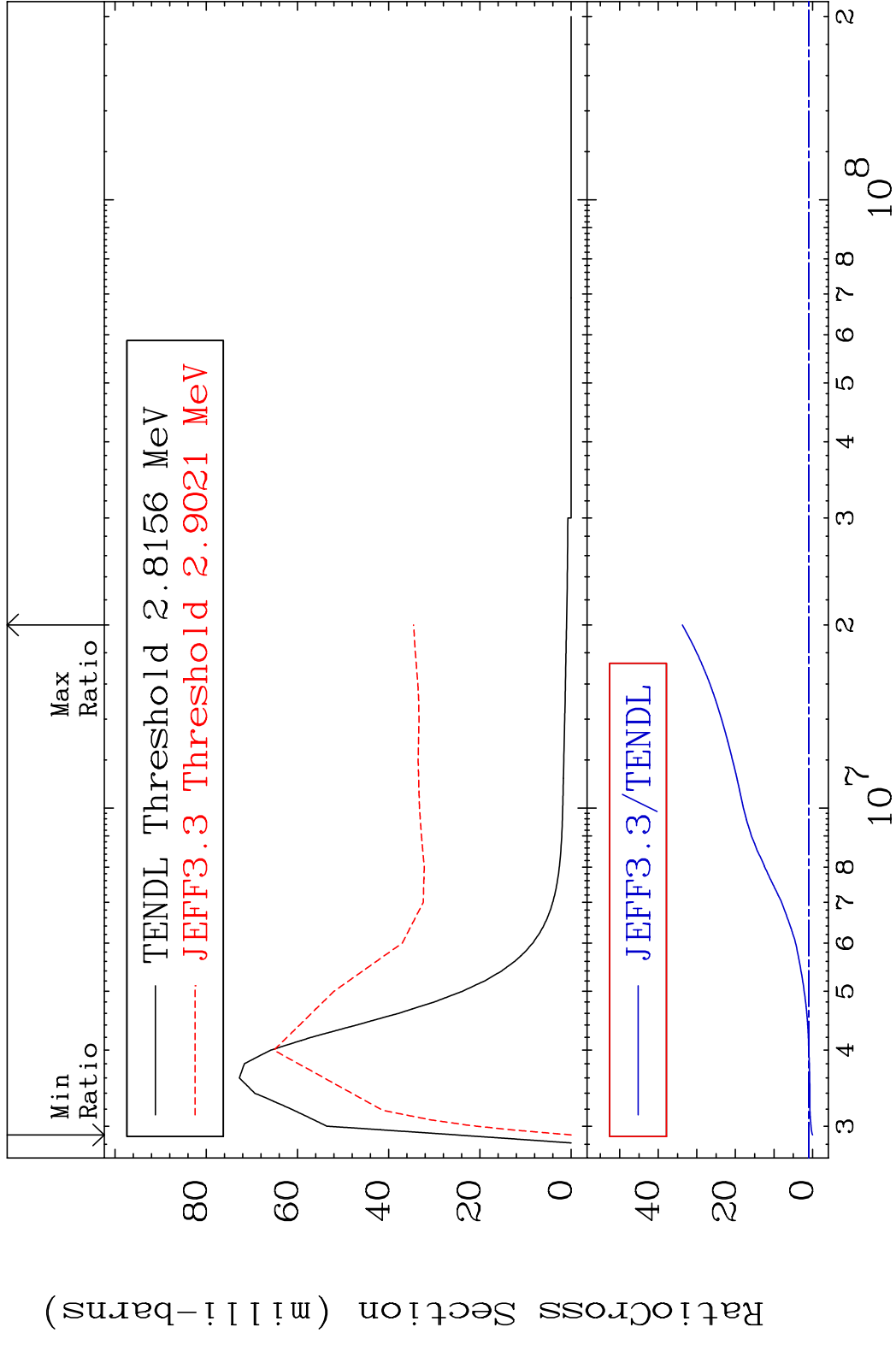


20 Incident Energy (eV) 56-Ba-138

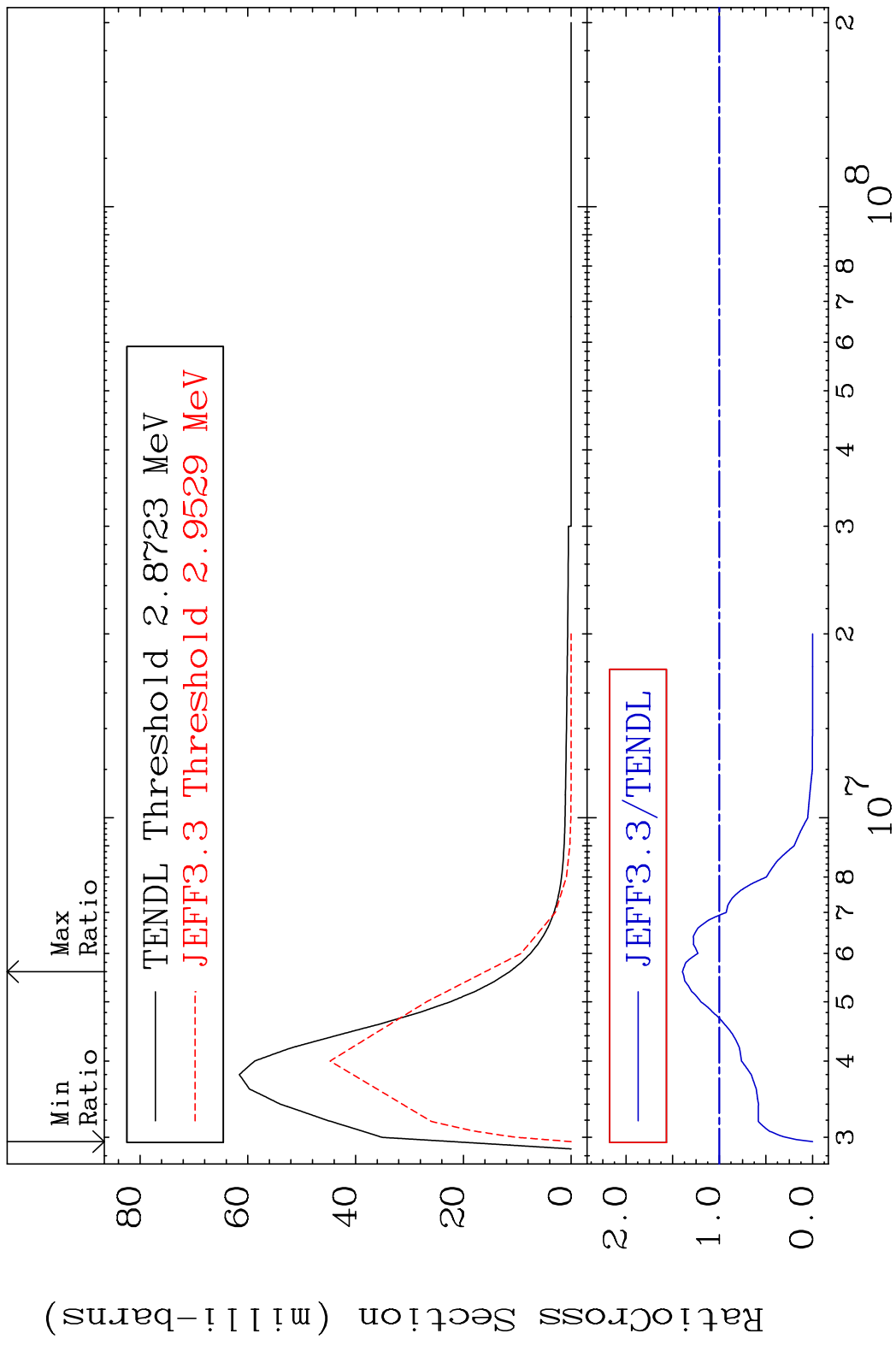
MAT 5649 MT= 64 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 112.1 %



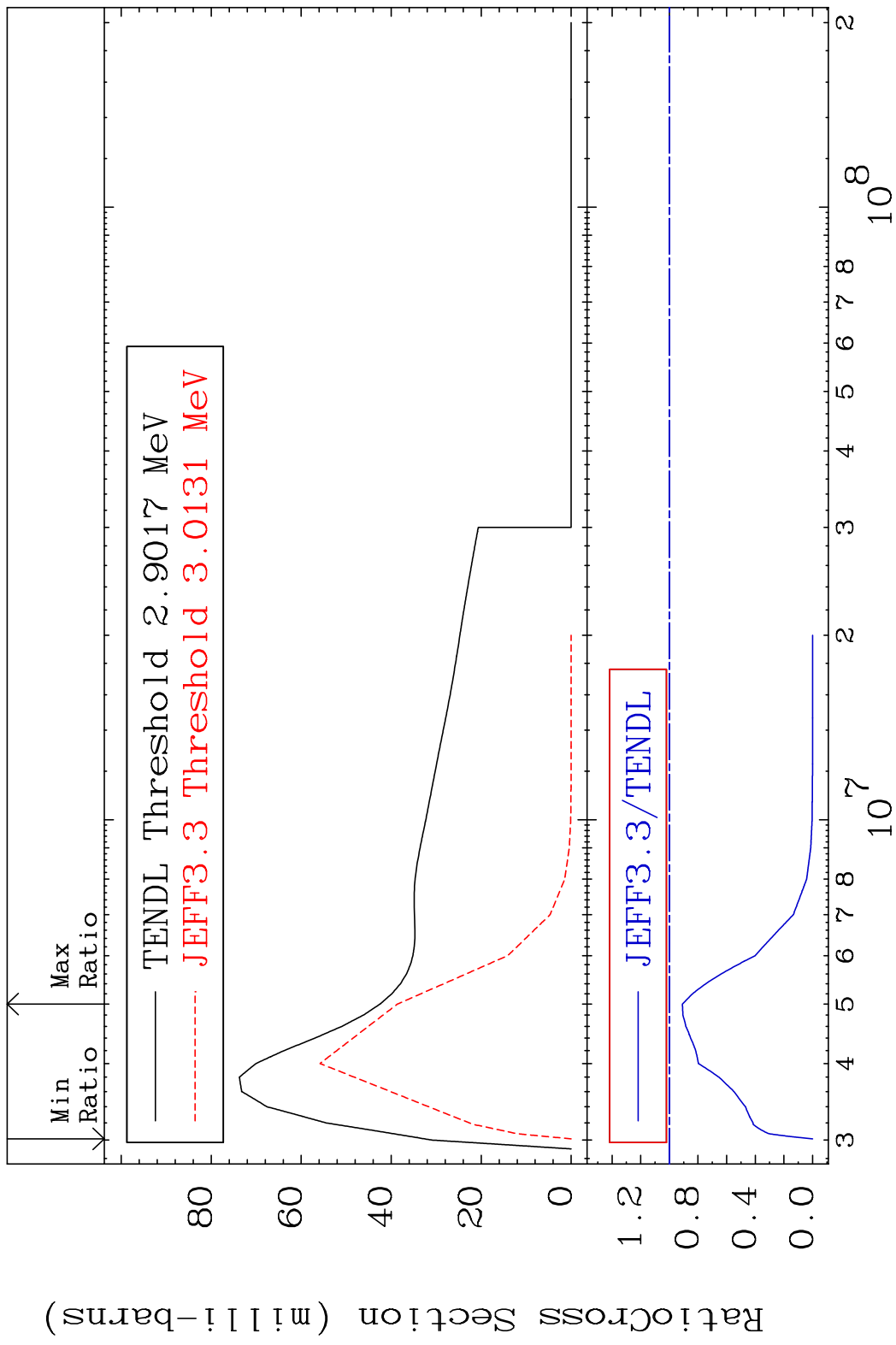
MAT 5649 MT= 65 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 3275. %



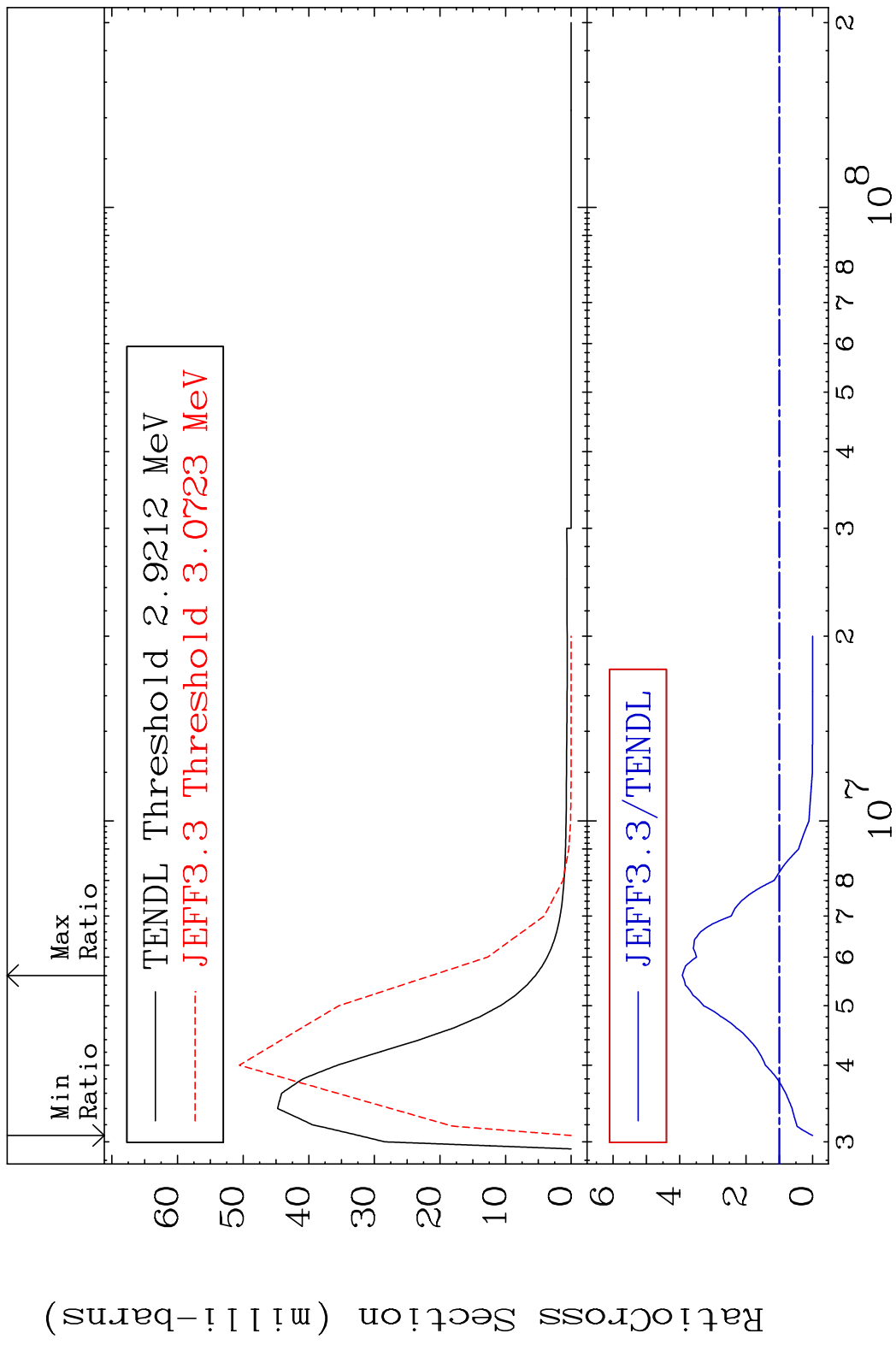
MAT 5649 MT= 66 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 39.64 %



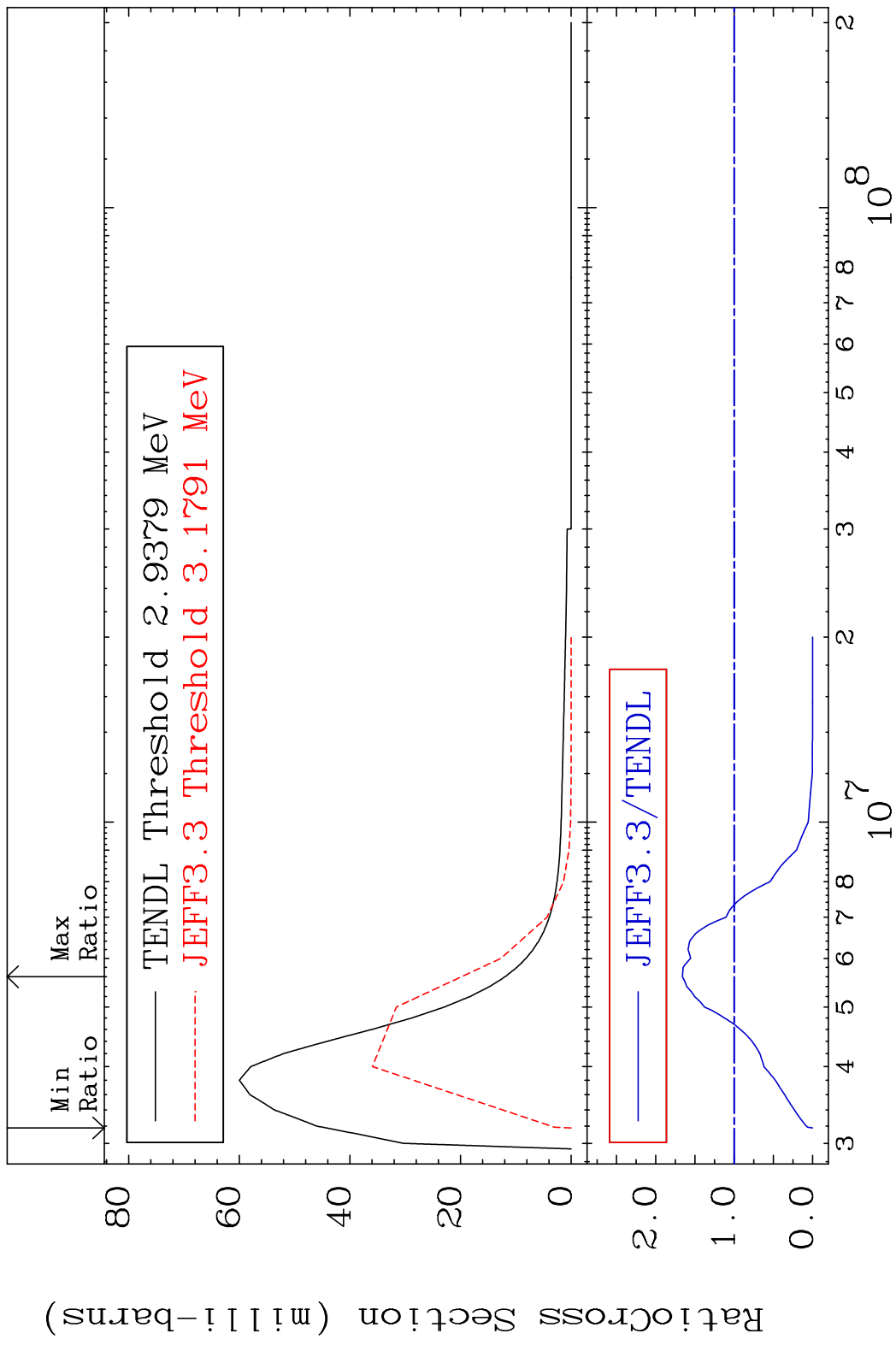
MAT 5649 MT= 67 (n, n') Level 56-Ba-138
 Cross Section -100.0 To -9.075%



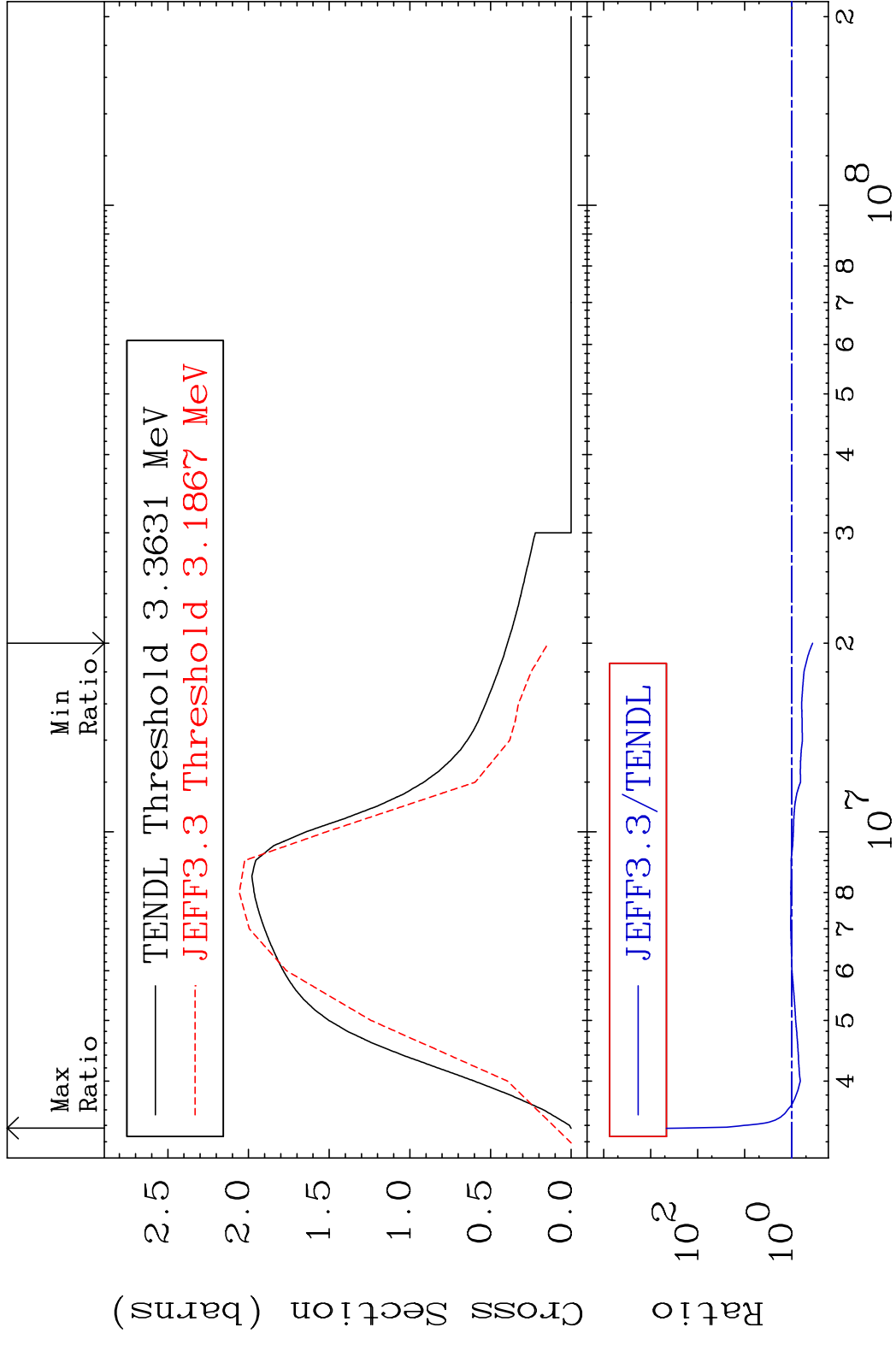
MAT 5649 MT= 68 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 291.7 %



MAT 5649 MT= 69 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 66.10 %



MAT 5649 (n, n') Continuum 56-Ba-138
 Cross Section -63.92 To 9999. %

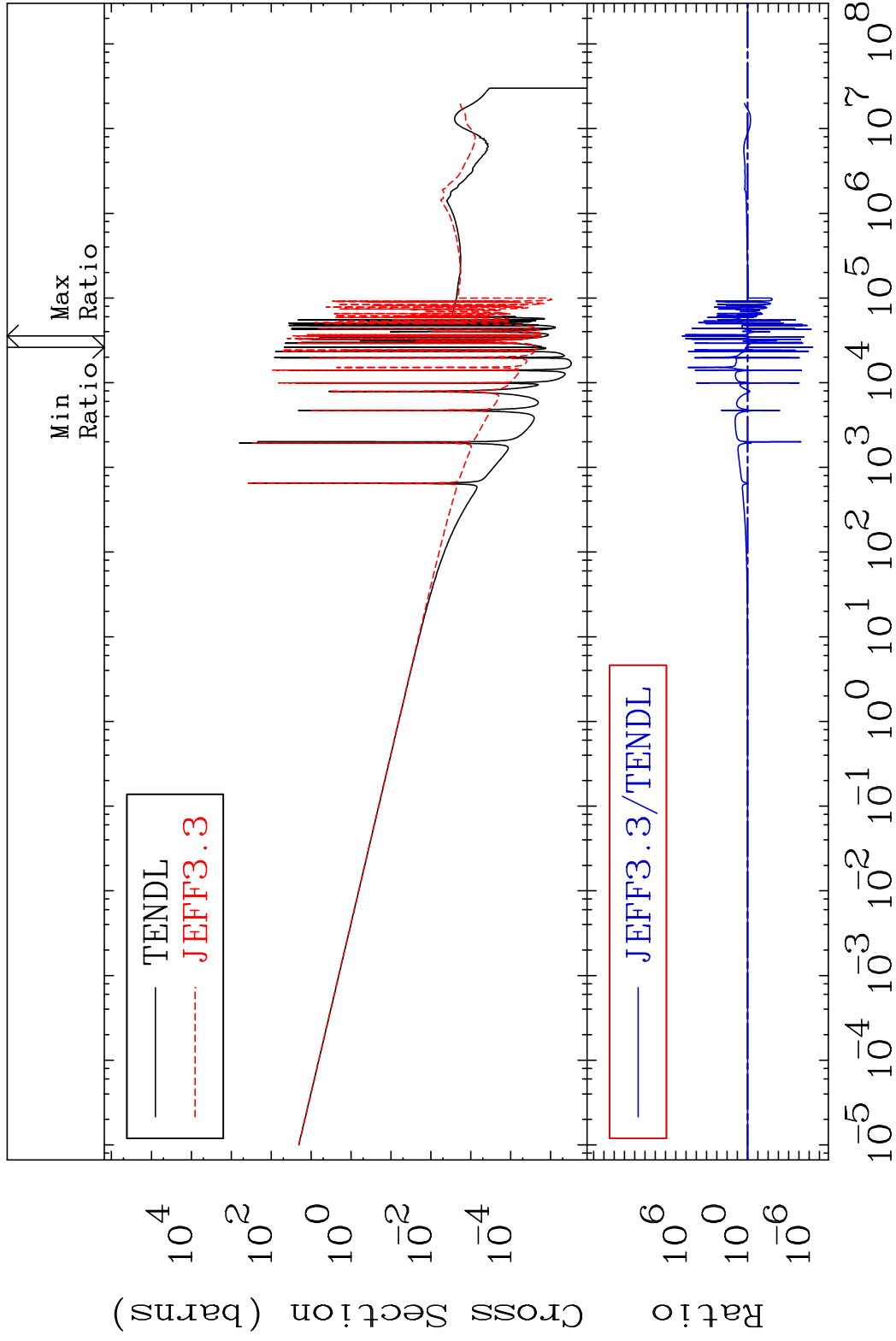


MAT 5649

(n, γ)

56-Ba-138

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

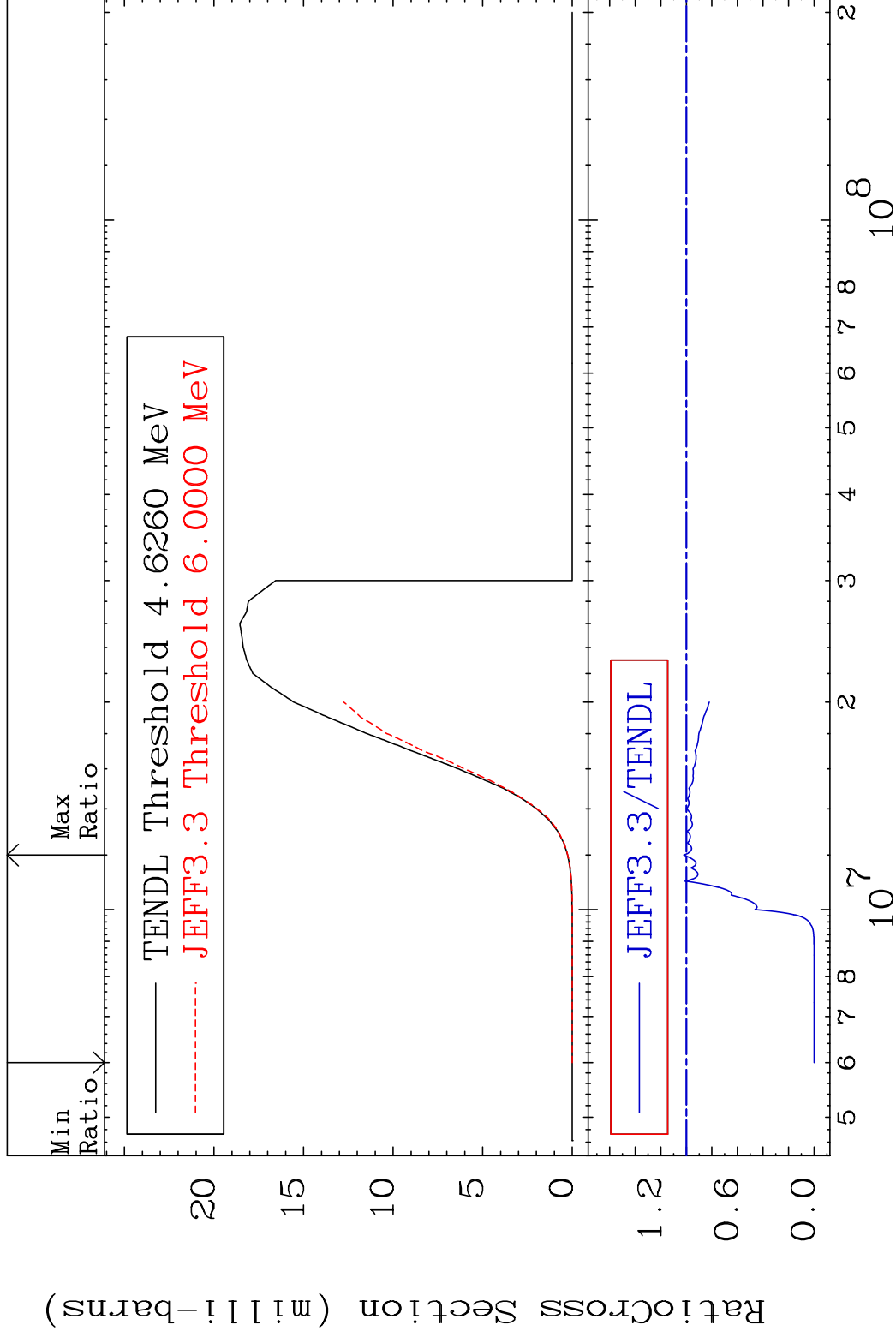
56-Ba-138

MAT 5649

(n,p)

56-Ba-138

Cross Section -100.0 To 2.108 %



29

Incident Energy (eV)

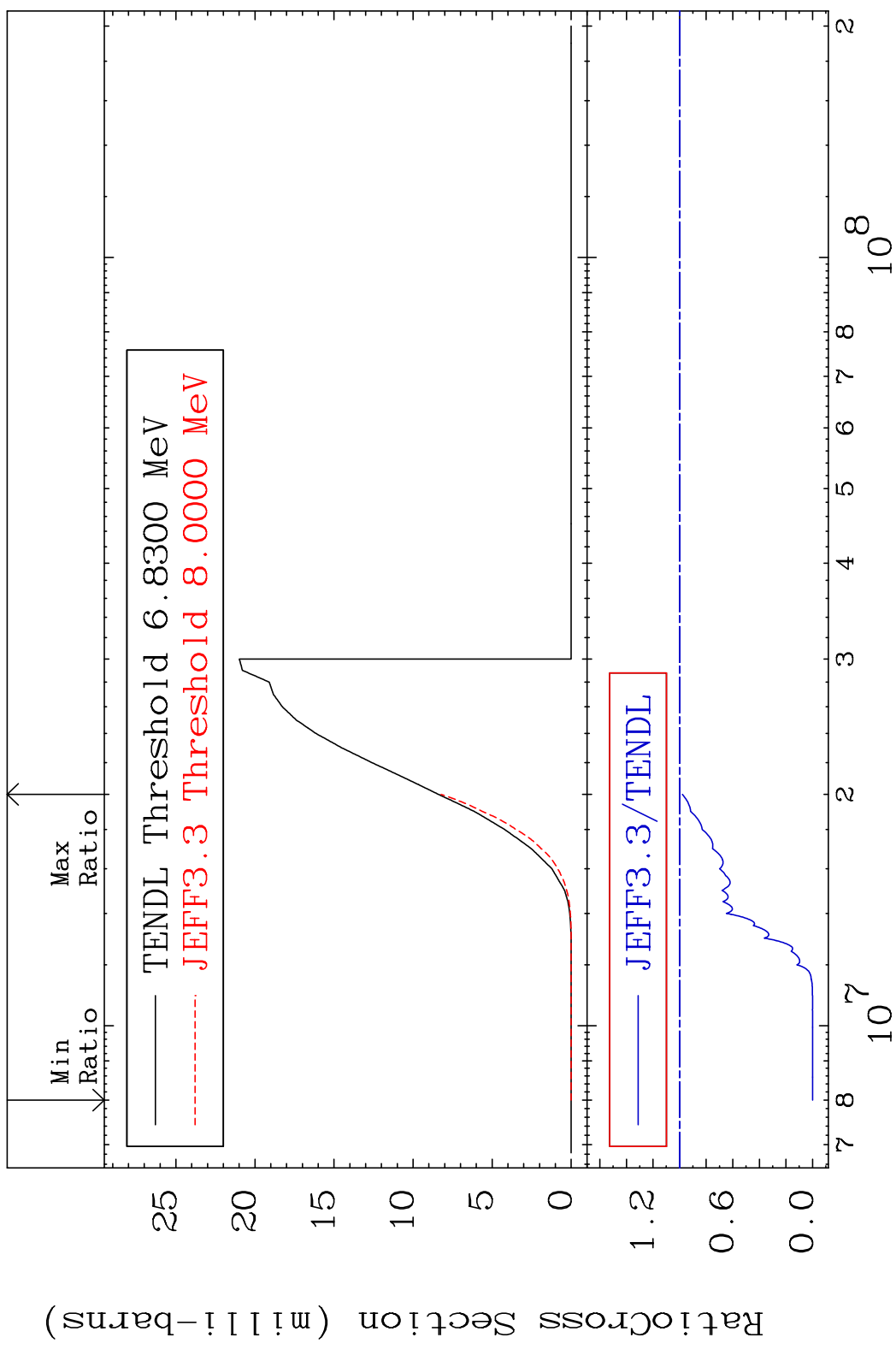
56-Ba-138

MAT 5649

(n, d)

56-Ba-138

Cross Section -100.0 To -2.072%

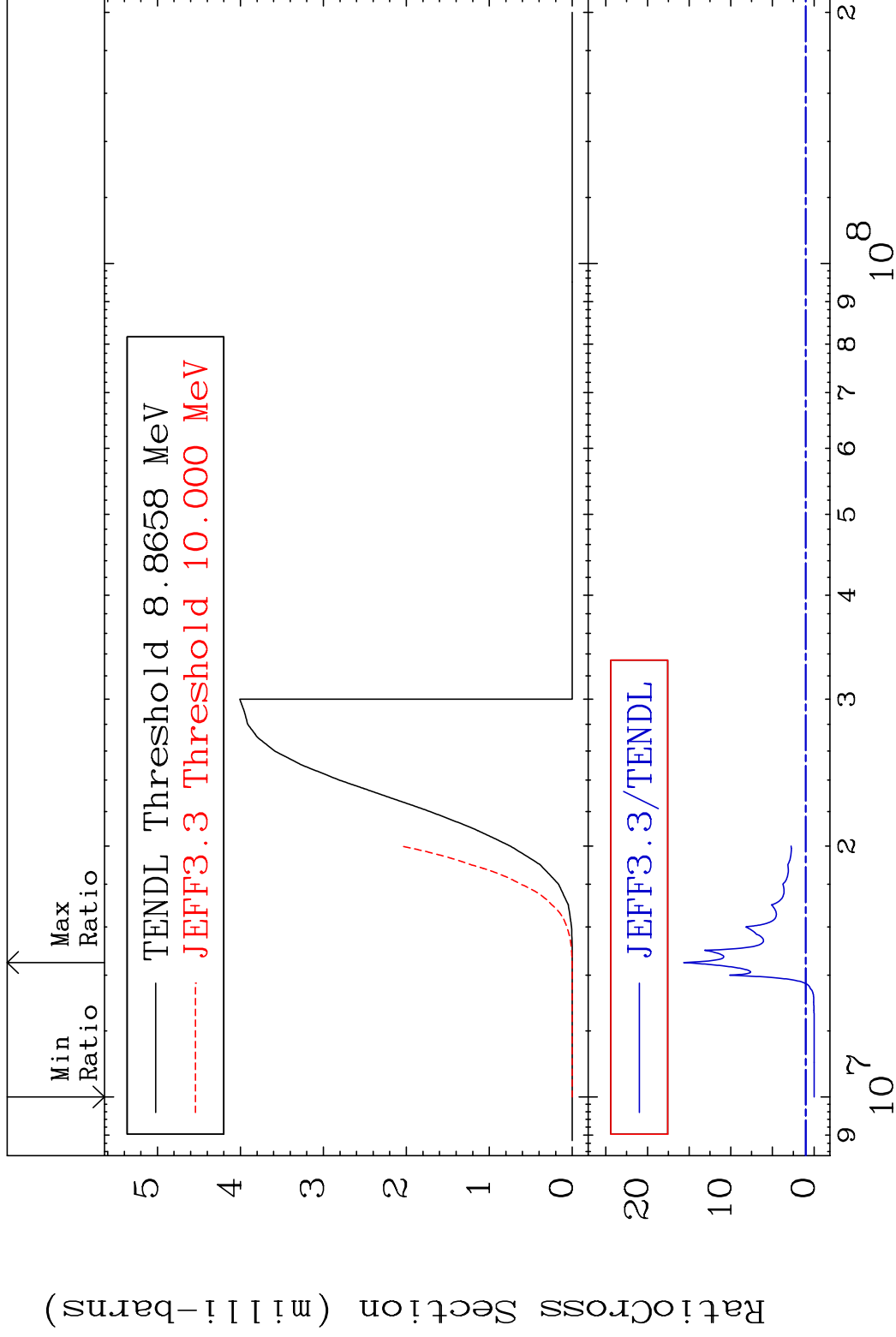


MAT 5649

(n, t)

56-Ba-138

Cross Section -100.0 To 1466. %



31

Incident Energy (eV)

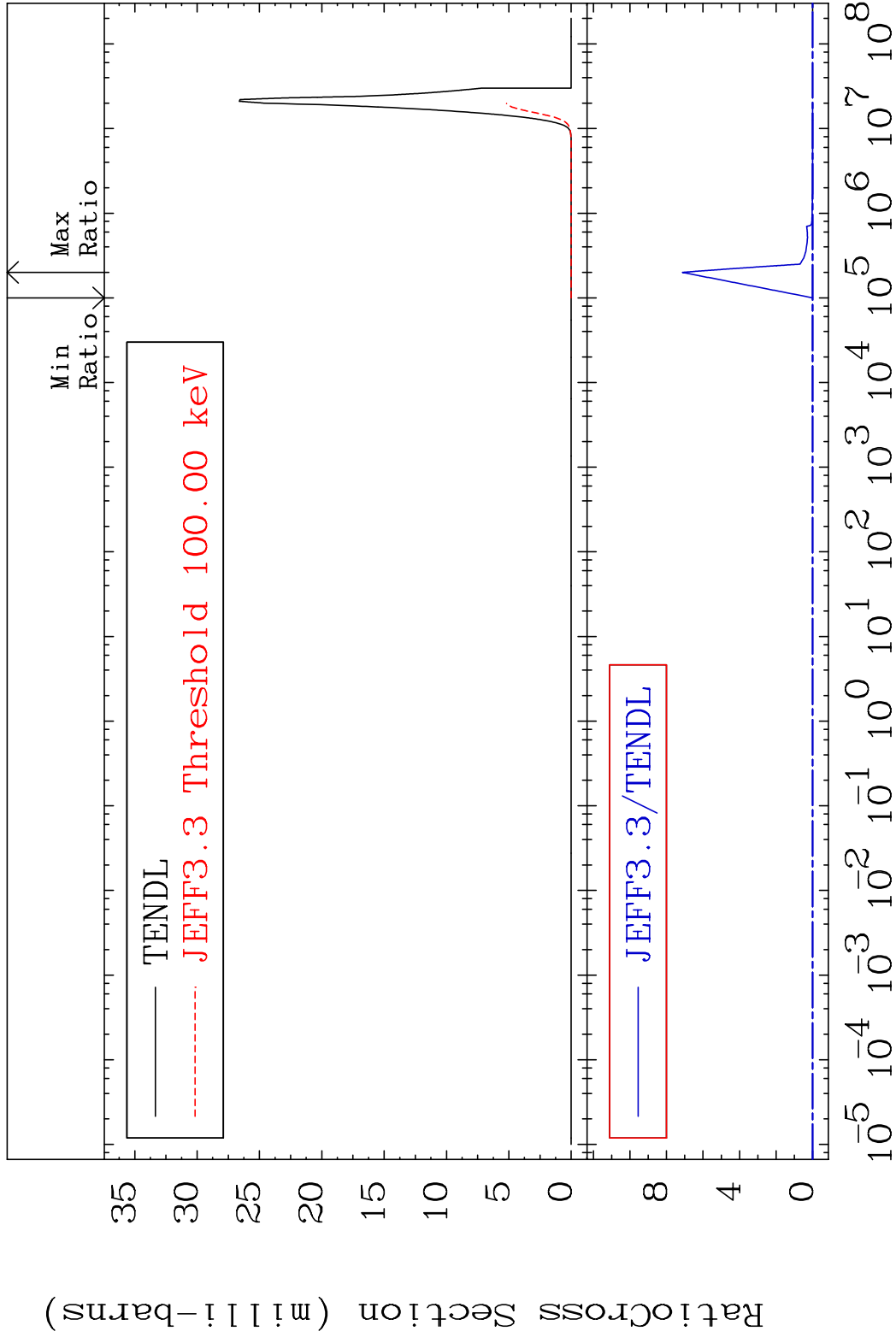
56-Ba-138

MAT 5649

(n, α)

56-Ba-138

Cross Section -100.0 To 9999. %



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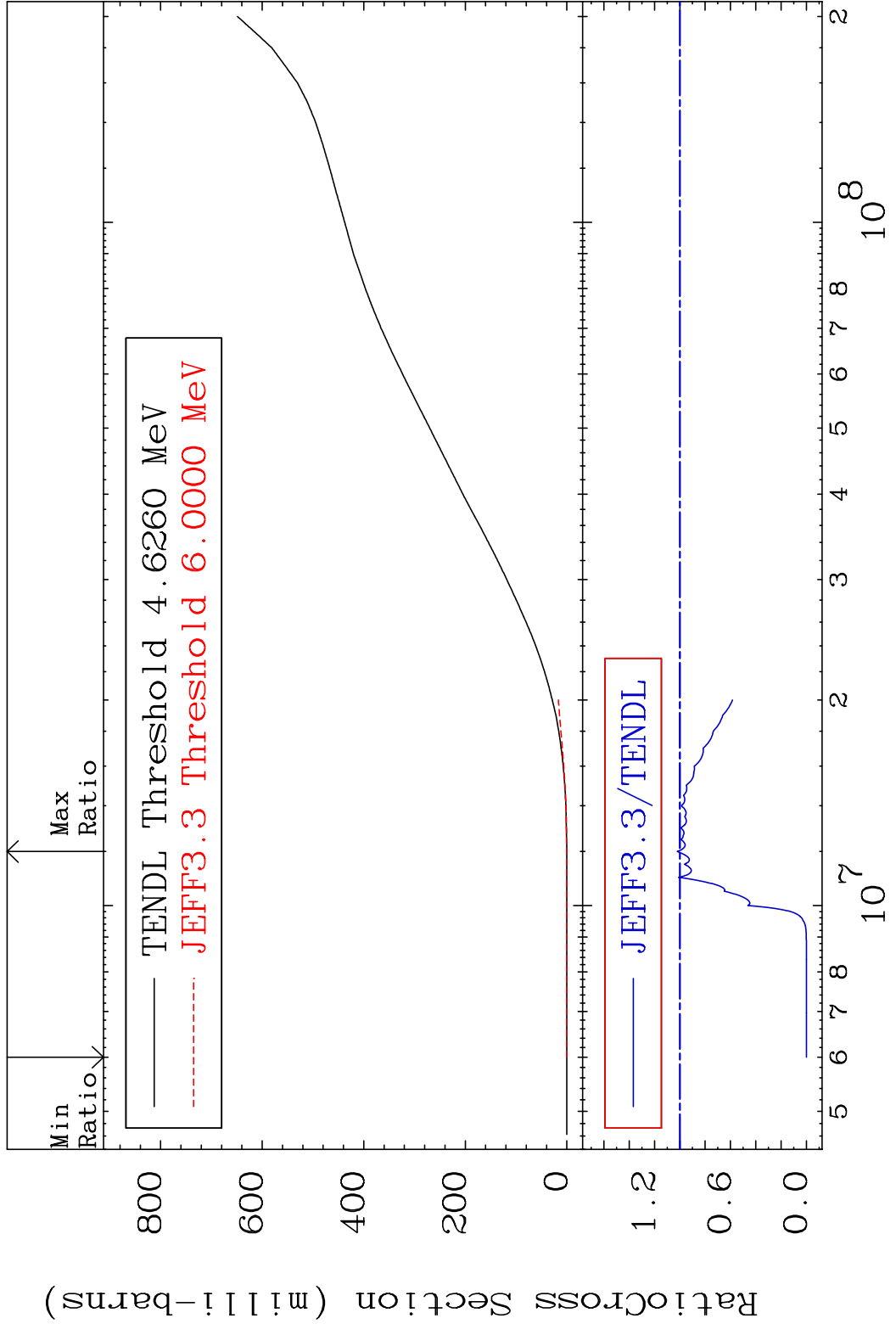
Incident Energy (eV)

56-Ba-138

MAT 5649

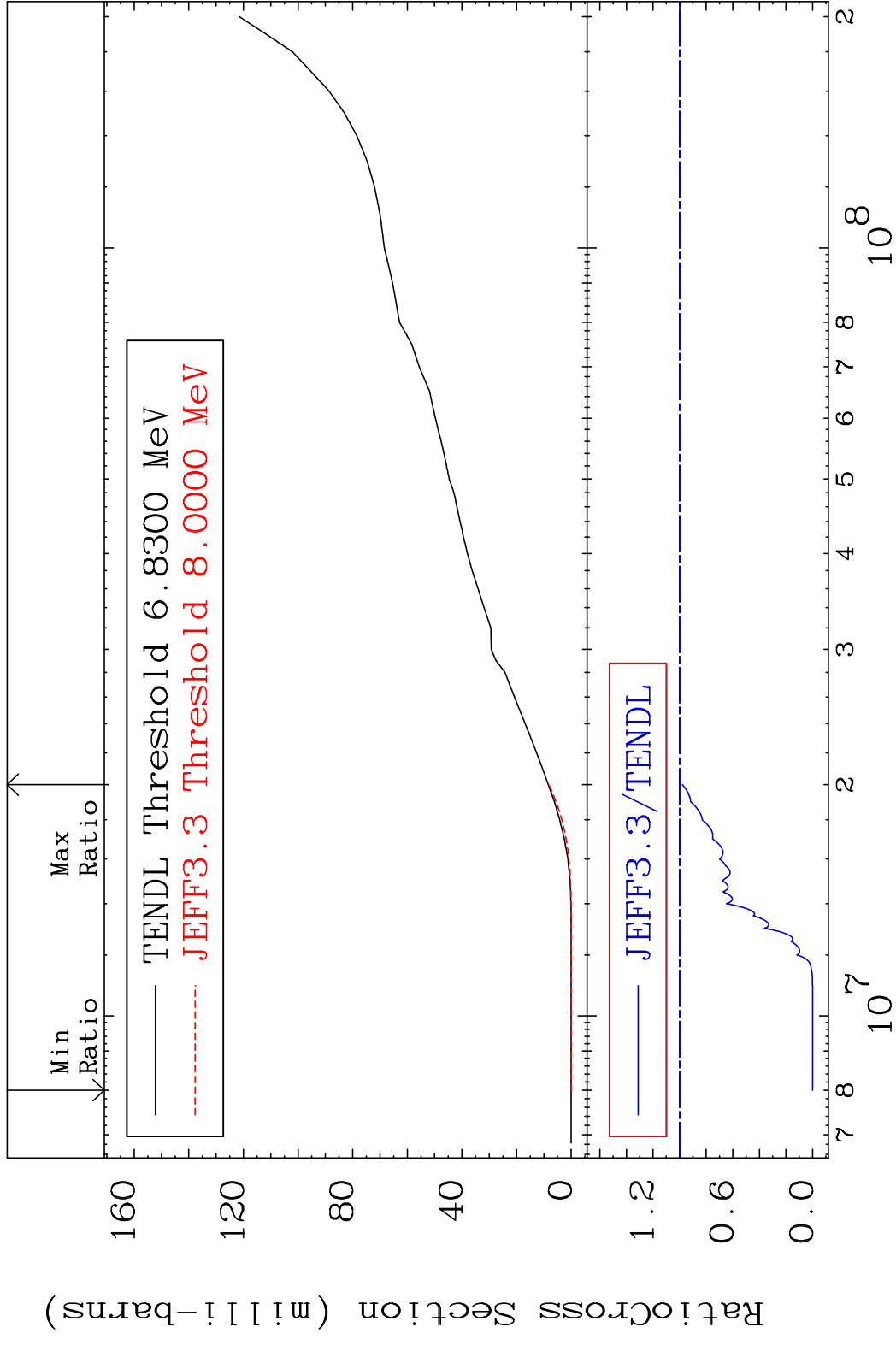
Hydrogen Production
Cross Section -100.0 To 2.096 %

56-Ba-138



MAT 5649

Deuterium Production 56-Ba-138
Cross Section -100.0 To -2.079%



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Incident Energy (eV)

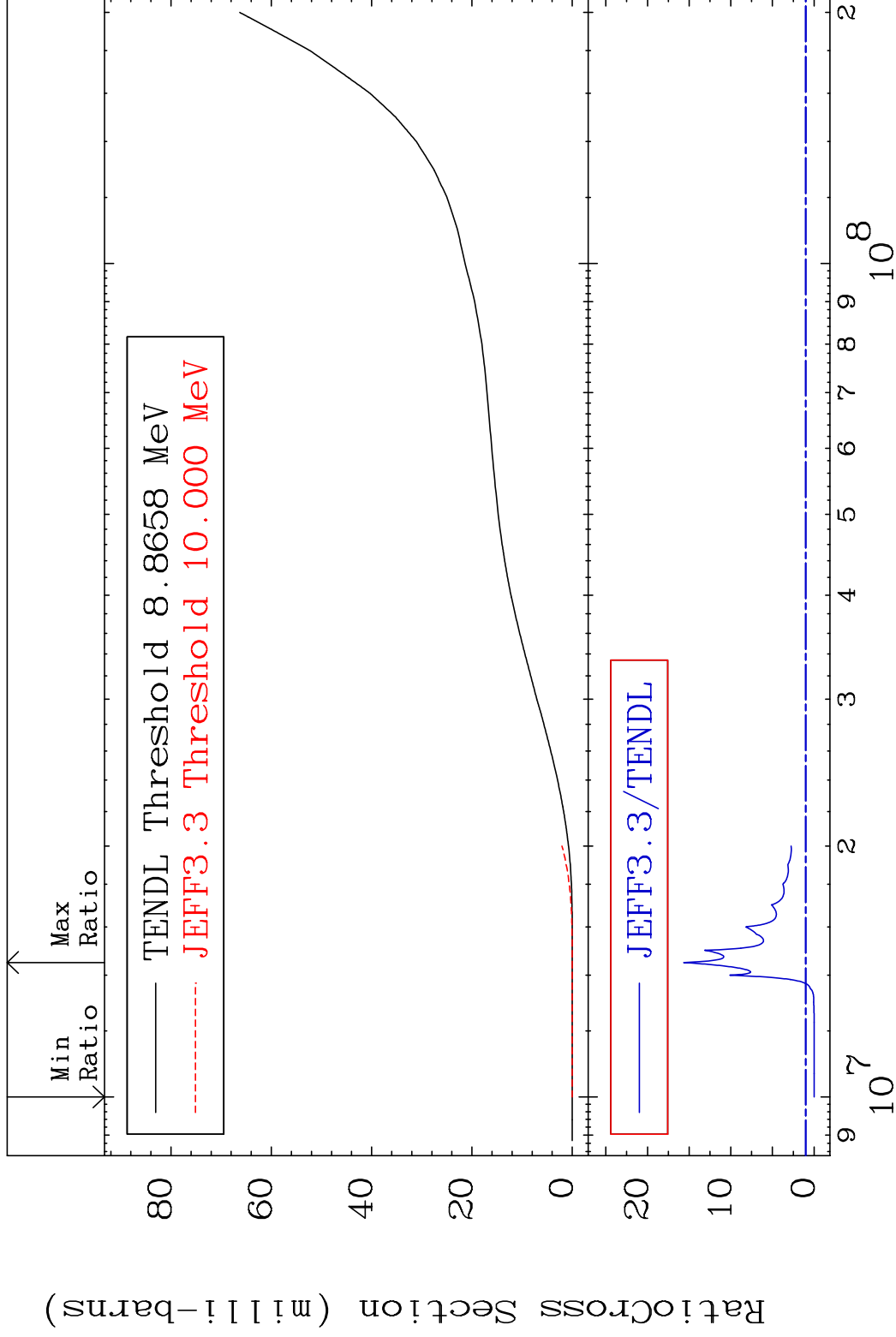
56-Ba-138

MAT 5649

Tritium Production

56-Ba-138

Cross Section -100.0 To 1466. %



35

Incident Energy (eV)

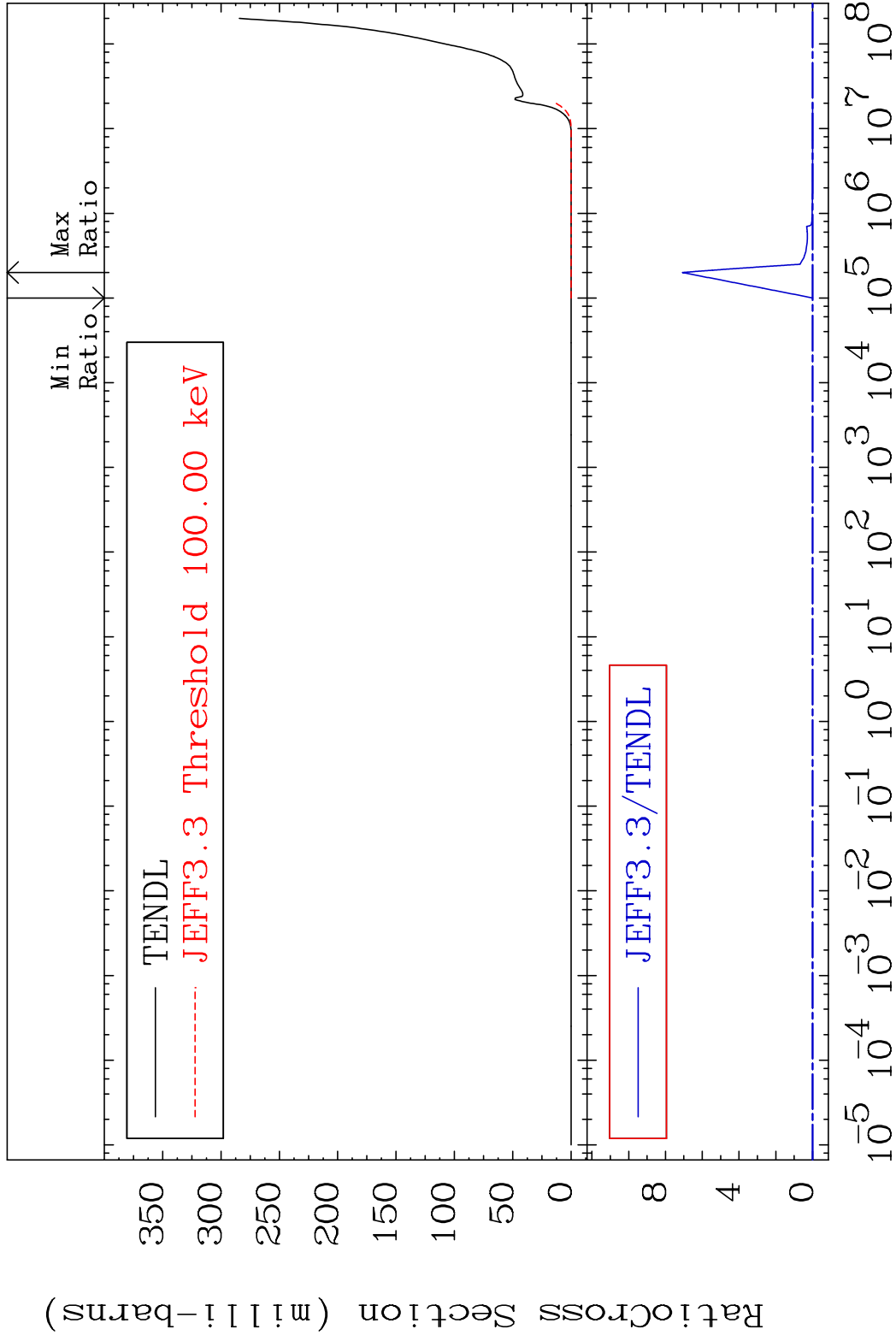
56-Ba-138

MAT 5649

He-4 Production

56-Ba-138

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

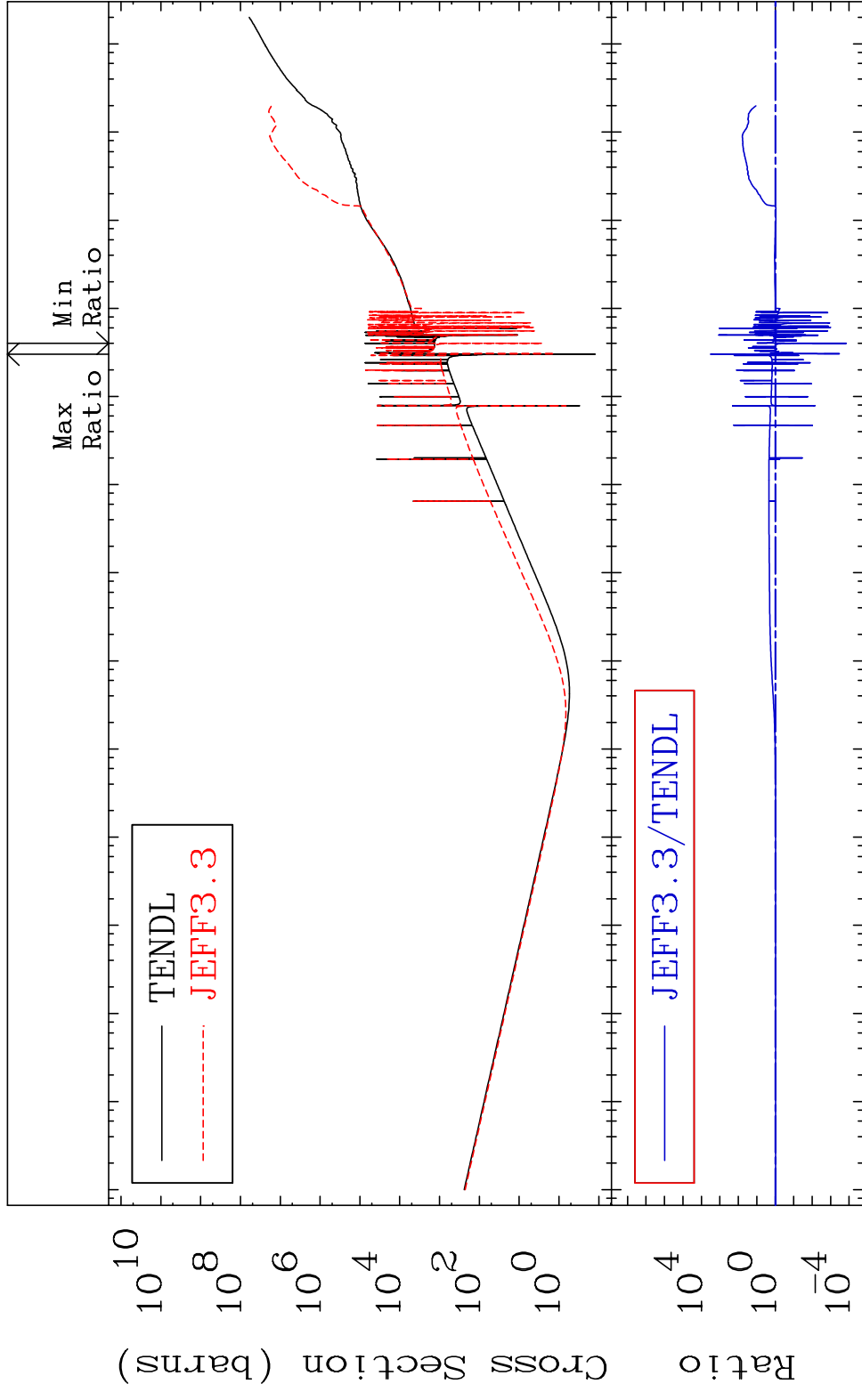
56-Ba-138

MAT 5649

Kerma total (eV-barns)

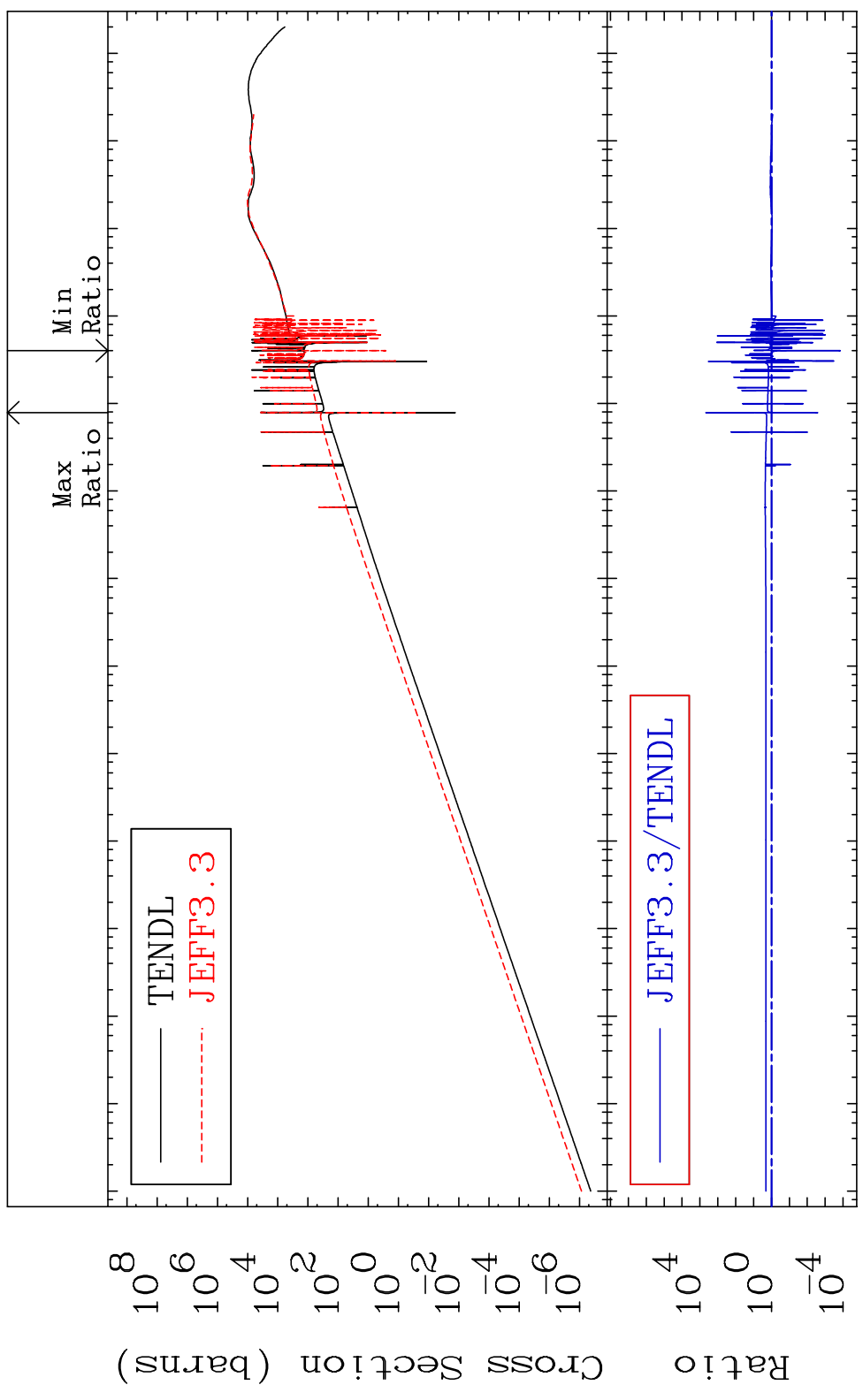
56-Ba-138

Cross Section -99.99 To 9999. %



MAT 5649

Kerma elastic Cross Section
56-Ba-138
-99.99 To 9999. %

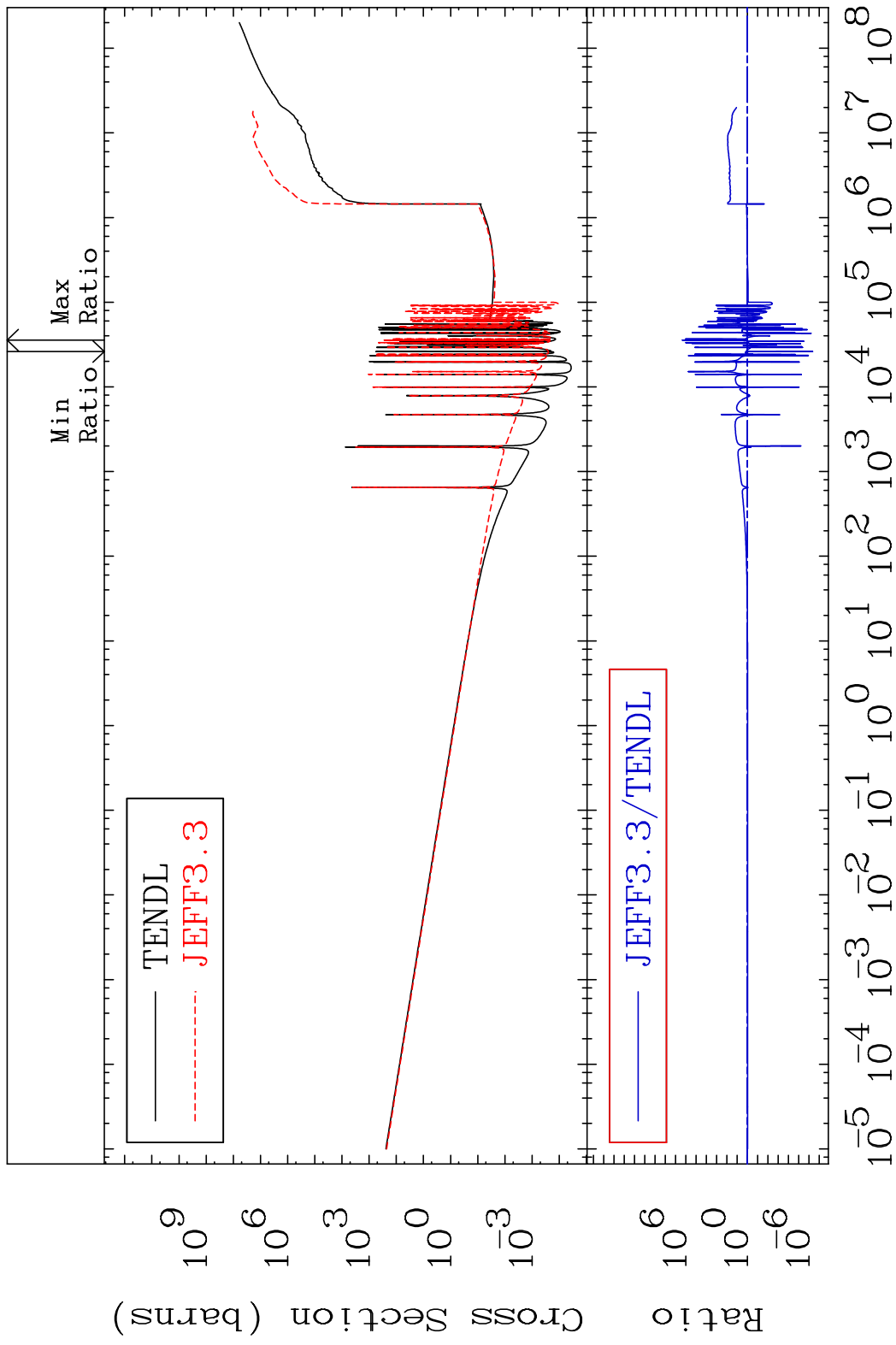


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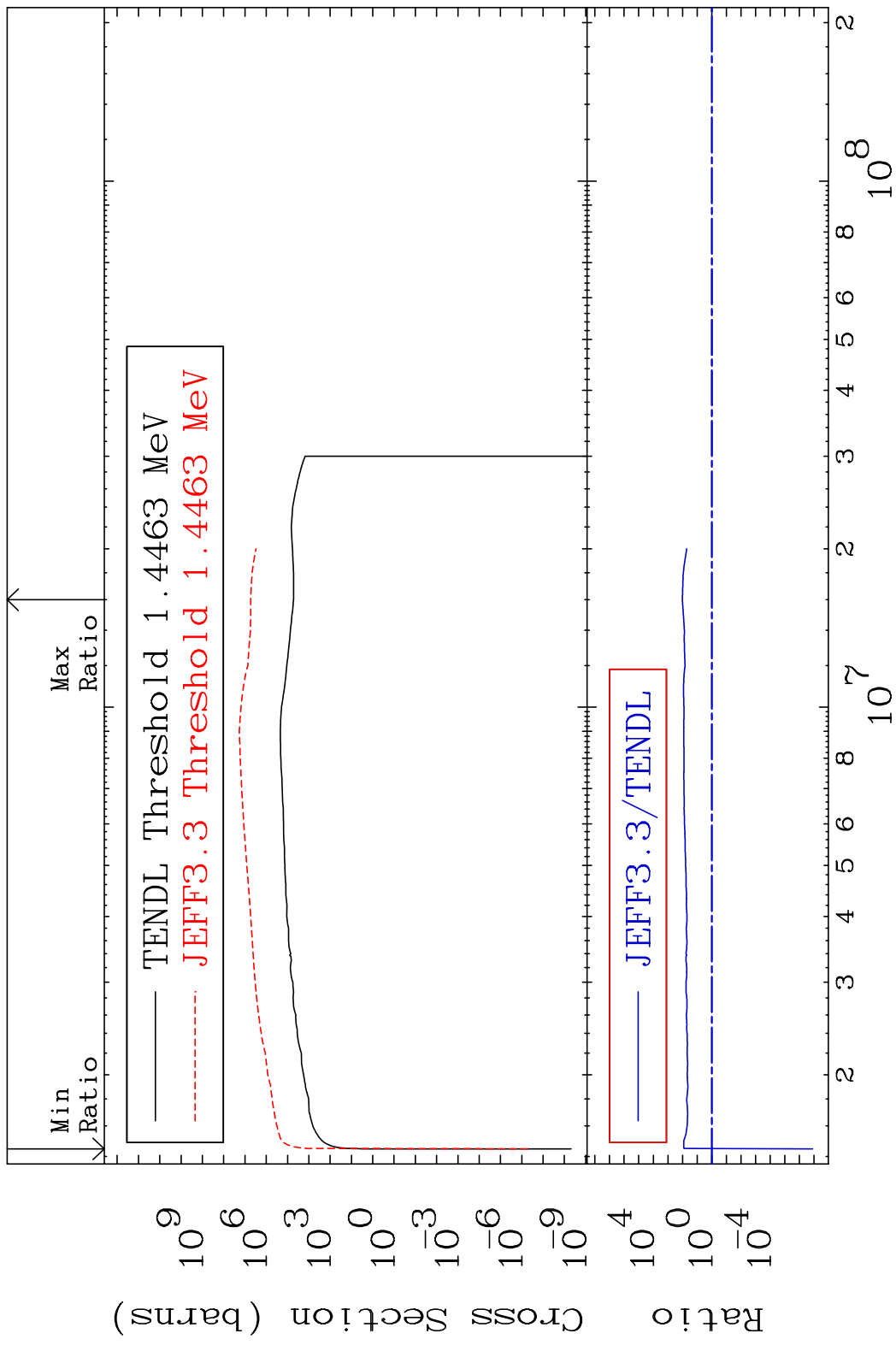
Incident Energy (eV)

56-Ba-138

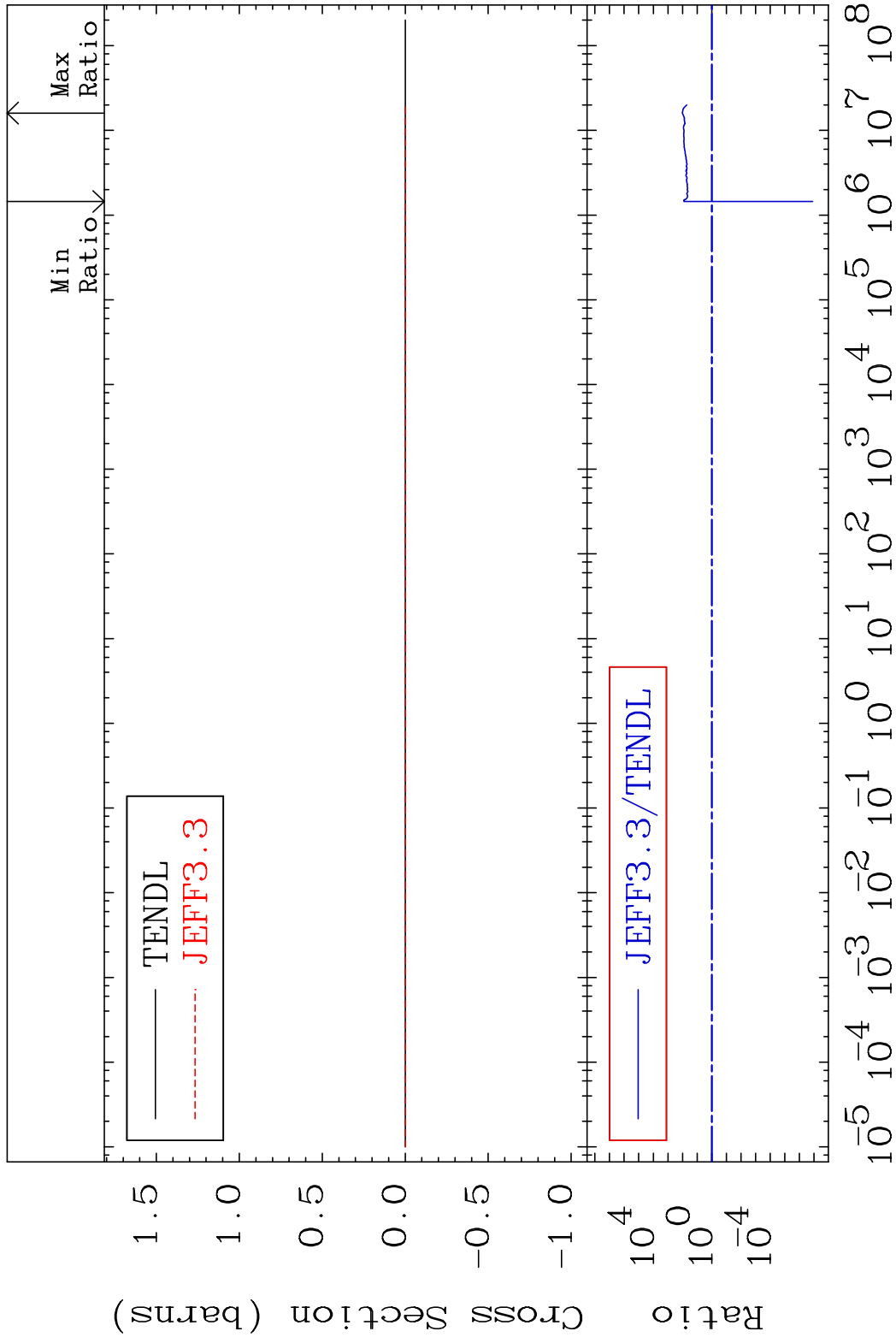
MAT 5649 Kerma non-elastic (all but mt2) 56-Ba-138
 Cross Section -100.0 To 9999. %



MAT 5649 Kerma inelastic (mt51-91) 56-Ba-138
 Cross Section -100.0 To 9999. %



MAT 5649 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-138
 Cross Section -100.0 To 9999. %

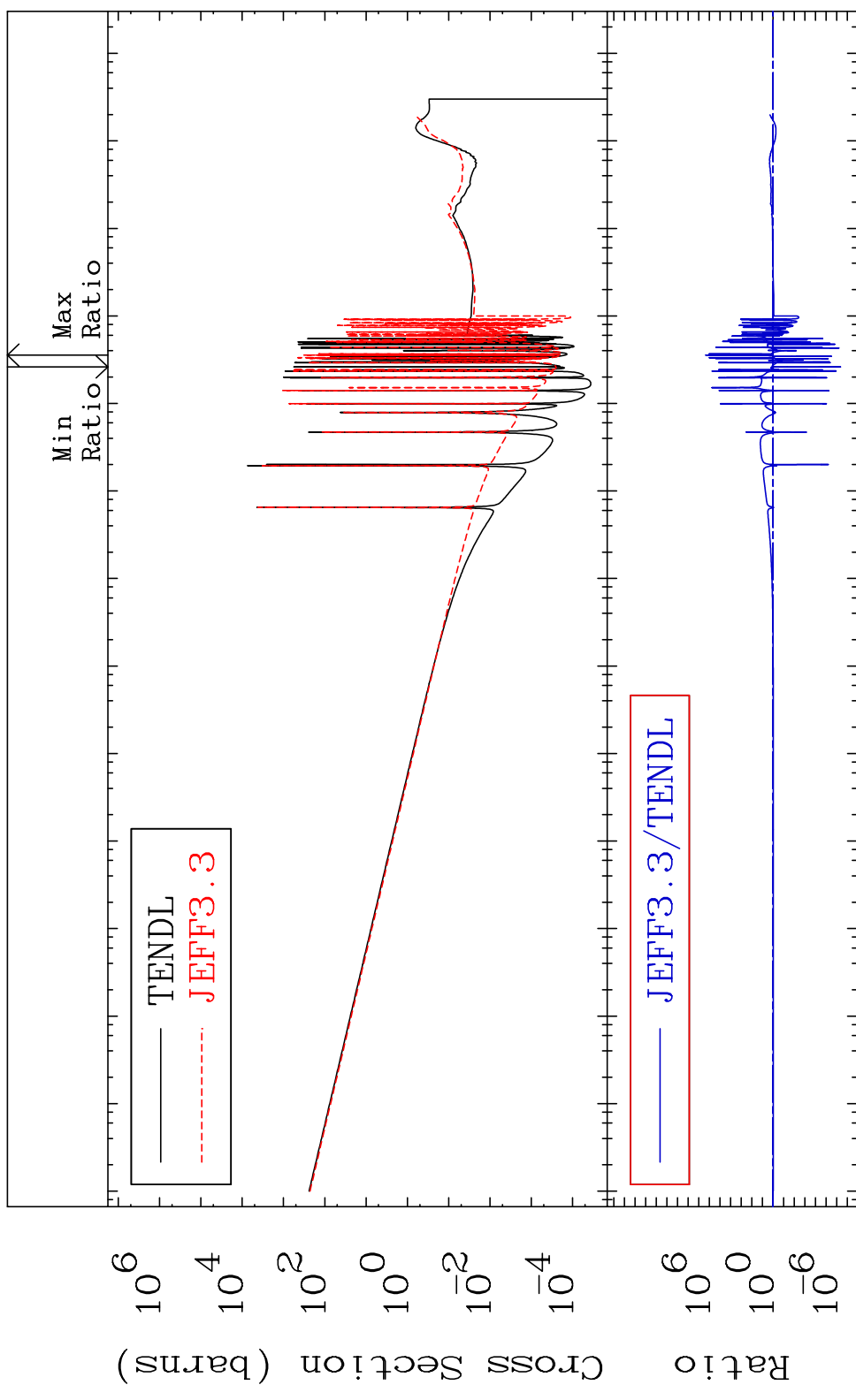


MAT 5649

Kerma capture (mt102)

56-Ba-138

Cross Section -100.0 To 9999. %

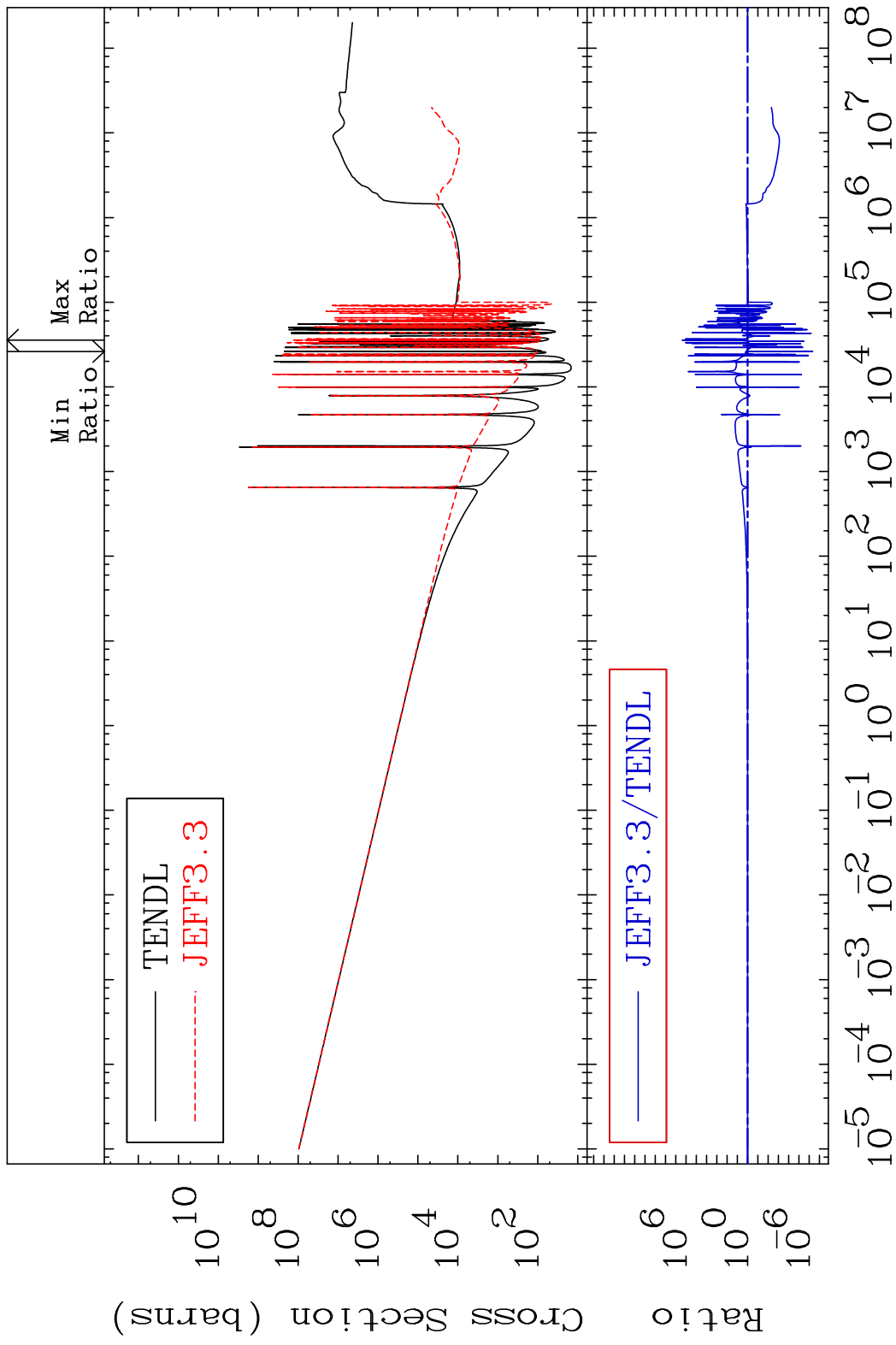


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Incident Energy (eV)

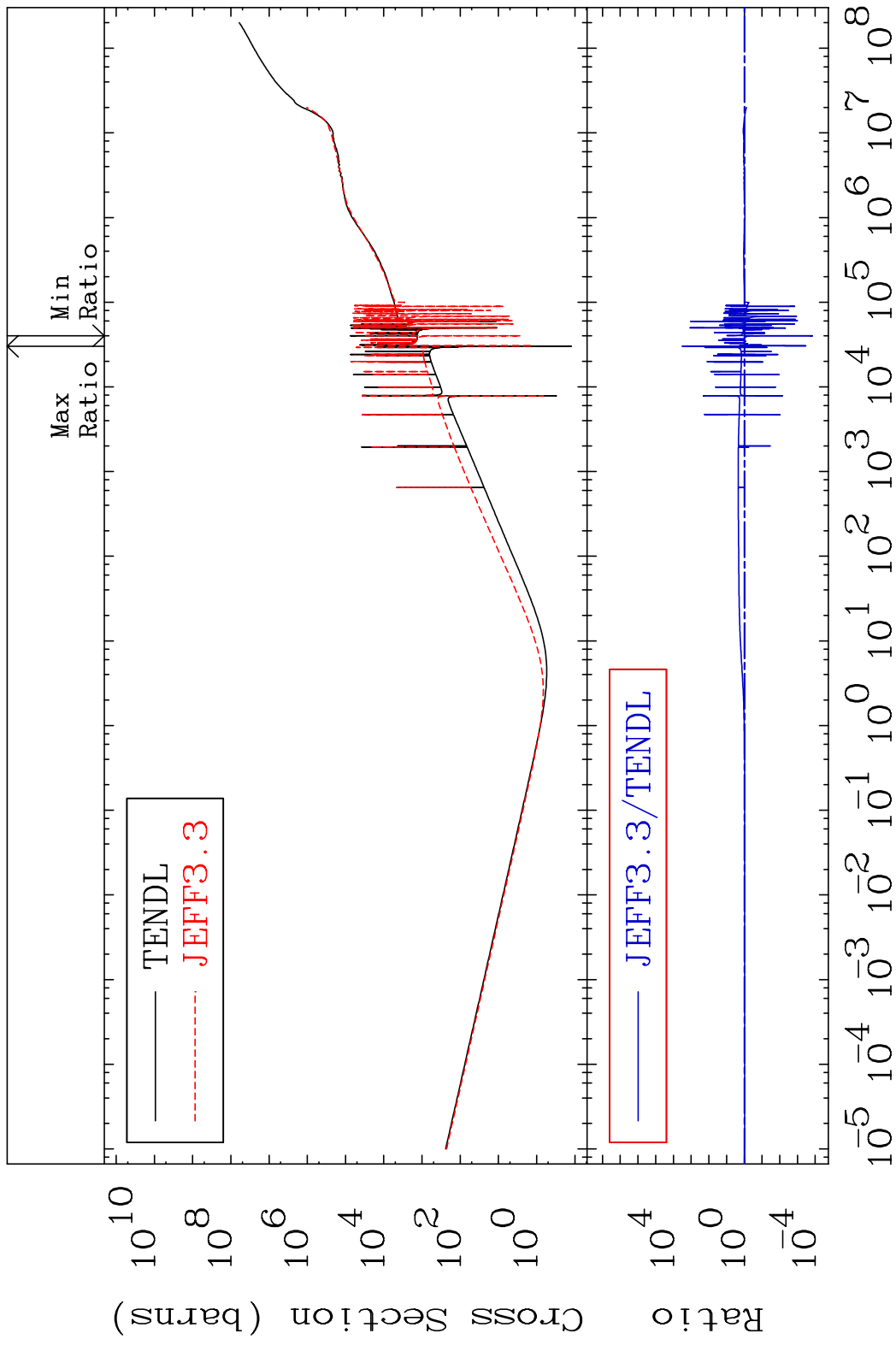
56-Ba-138

MAT 5649 Total photon (eV-barns) 56-Ba-138
 Cross Section -100.0 To 9999. %



43 Incident Energy (eV) 56-Ba-138

MAT 5649 Total kinematic kerma (high limit) 56-Ba-138
 Cross Section -99.99 To 9999. %

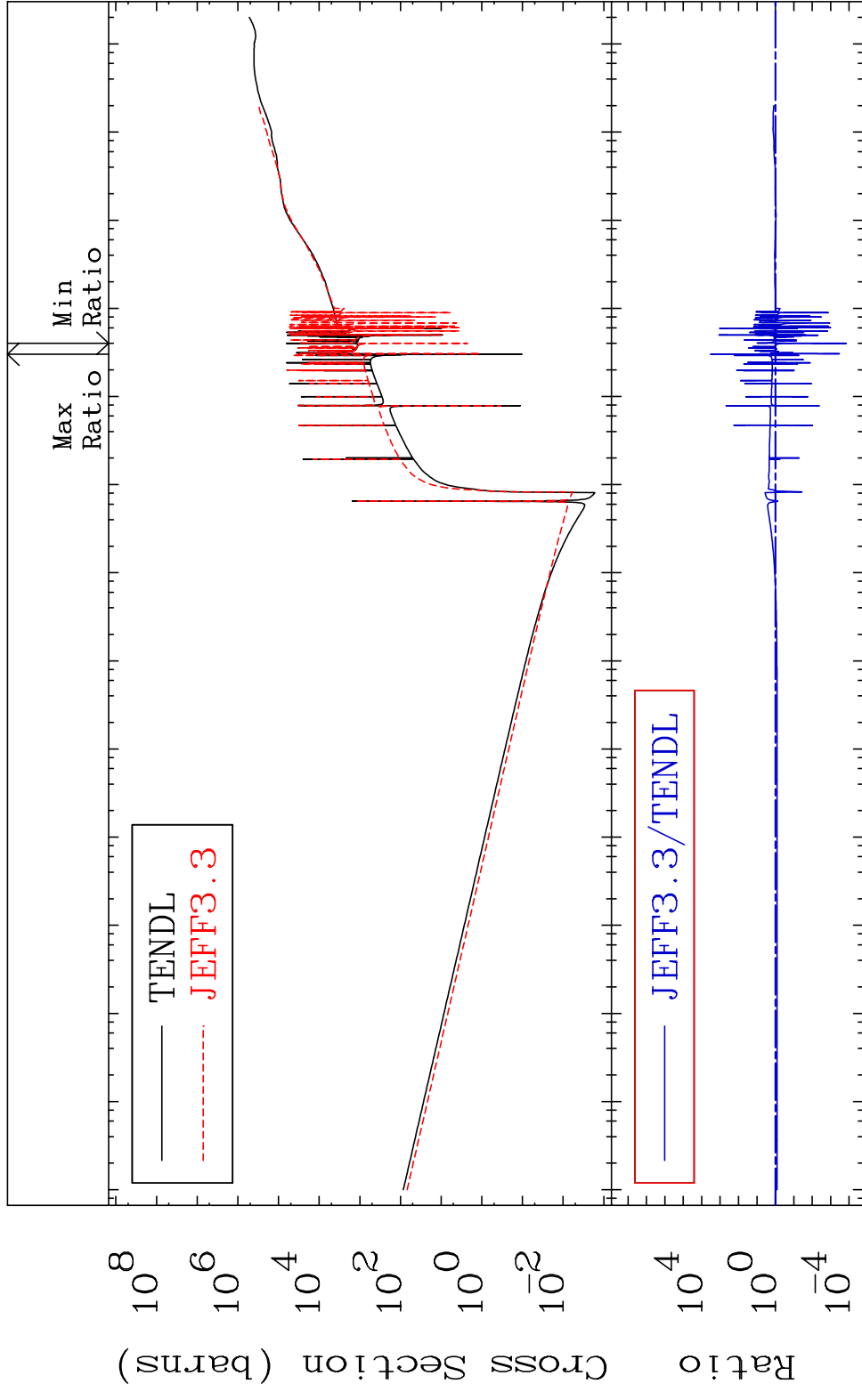


MAT 5649

Dpa total (eV-barns)

56-Ba-138

Cross Section -99.99 To 9999. %



45

Incident Energy (eV)

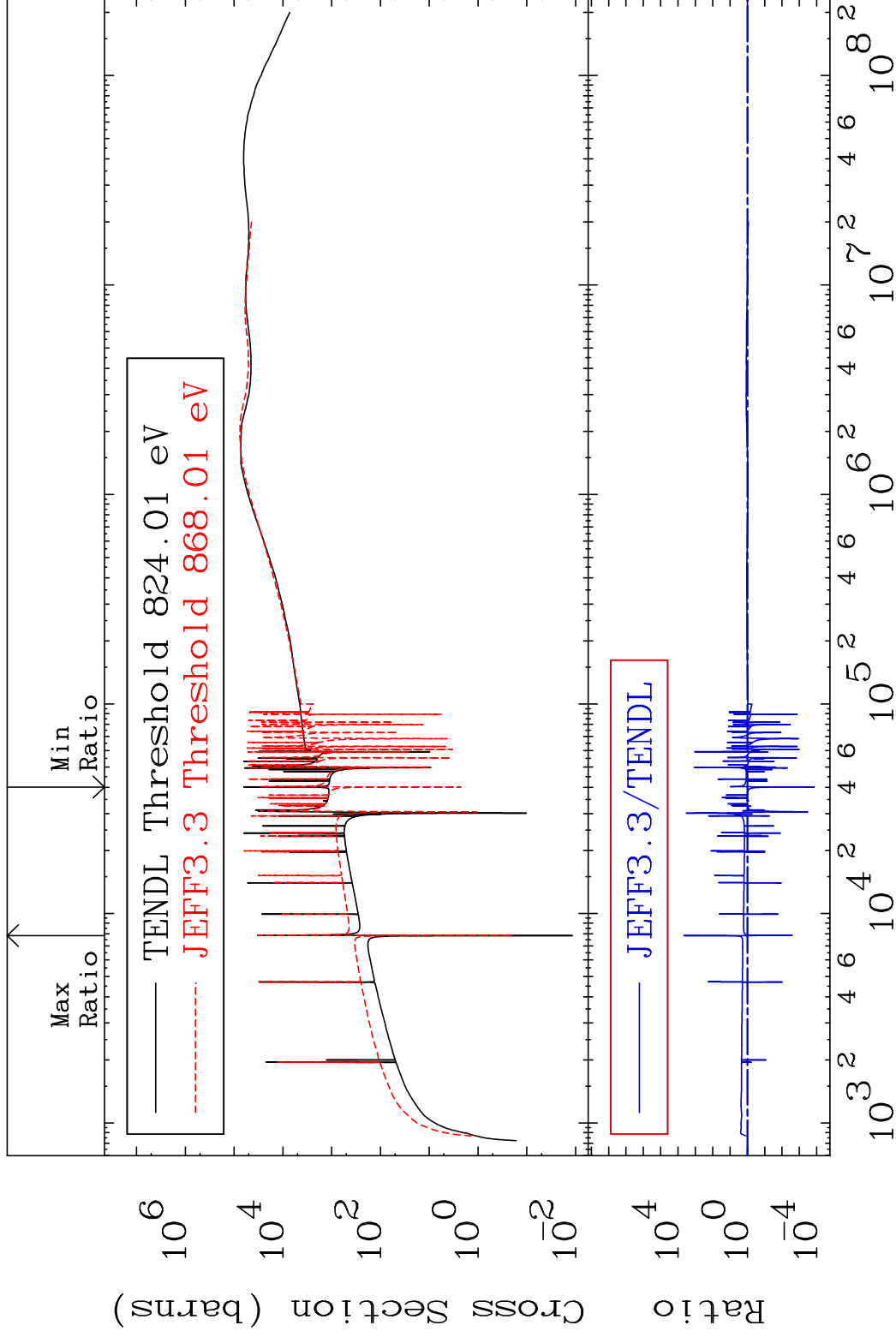
56-Ba-138

MAT 5649

Dpa elastic (mt2)

56-Ba-138

Cross Section -99.99 To 9999. %

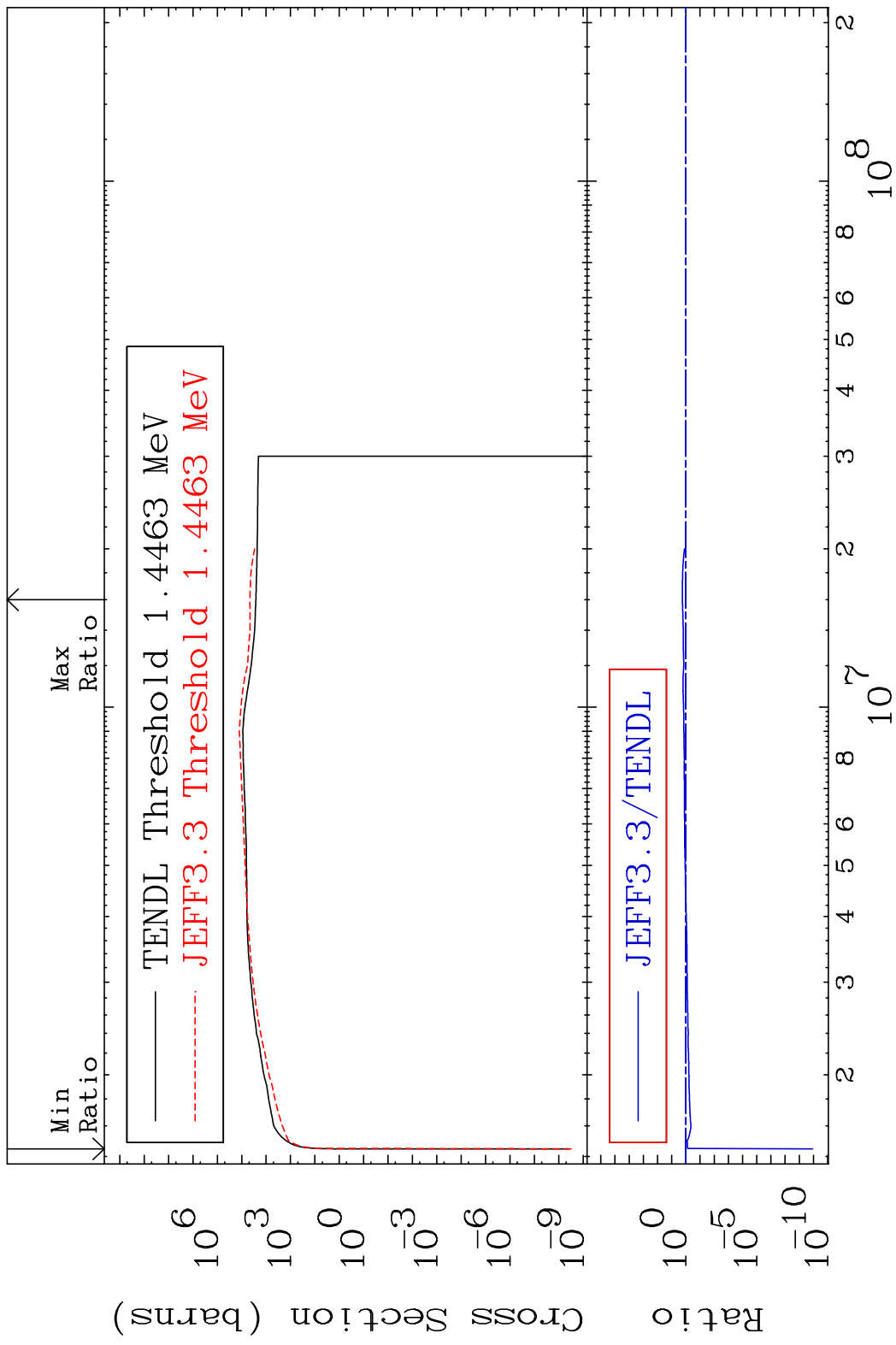


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Incident Energy (eV)

56-Ba-138

MAT 5649 Dpa inelastic (mt51-91) 56-Ba-138
 Cross Section -100.0 To 77.12 %



MAT 5649 Dpa disappearance (mt102 -120) 56-Ba-138
 Cross Section -100.0 To 9999. %

