

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

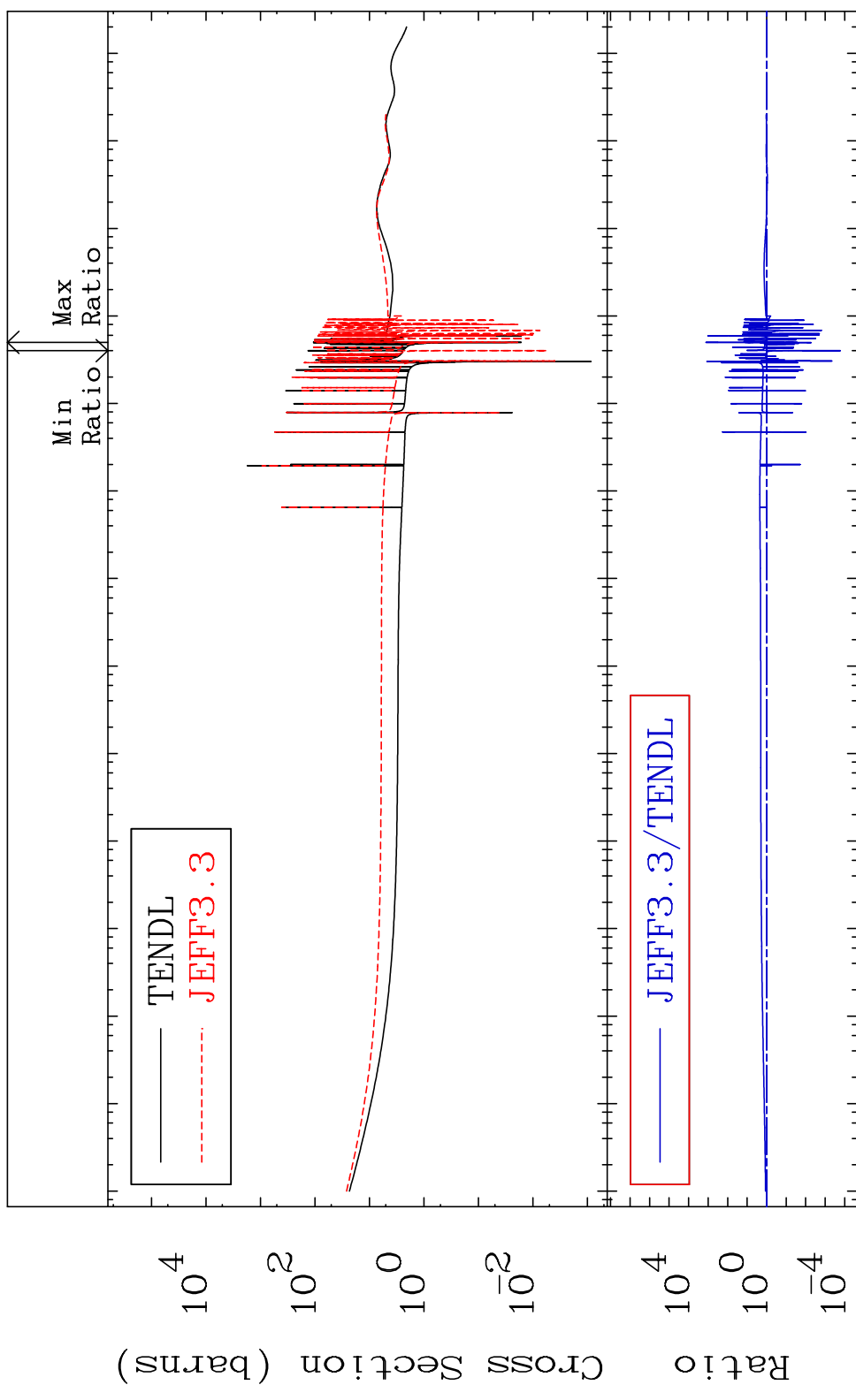
MAT 5649

Total

56-Ba-138

Cross Section

-99.98 To 9999. %



1

Incident Energy (eV)

56-Ba-138

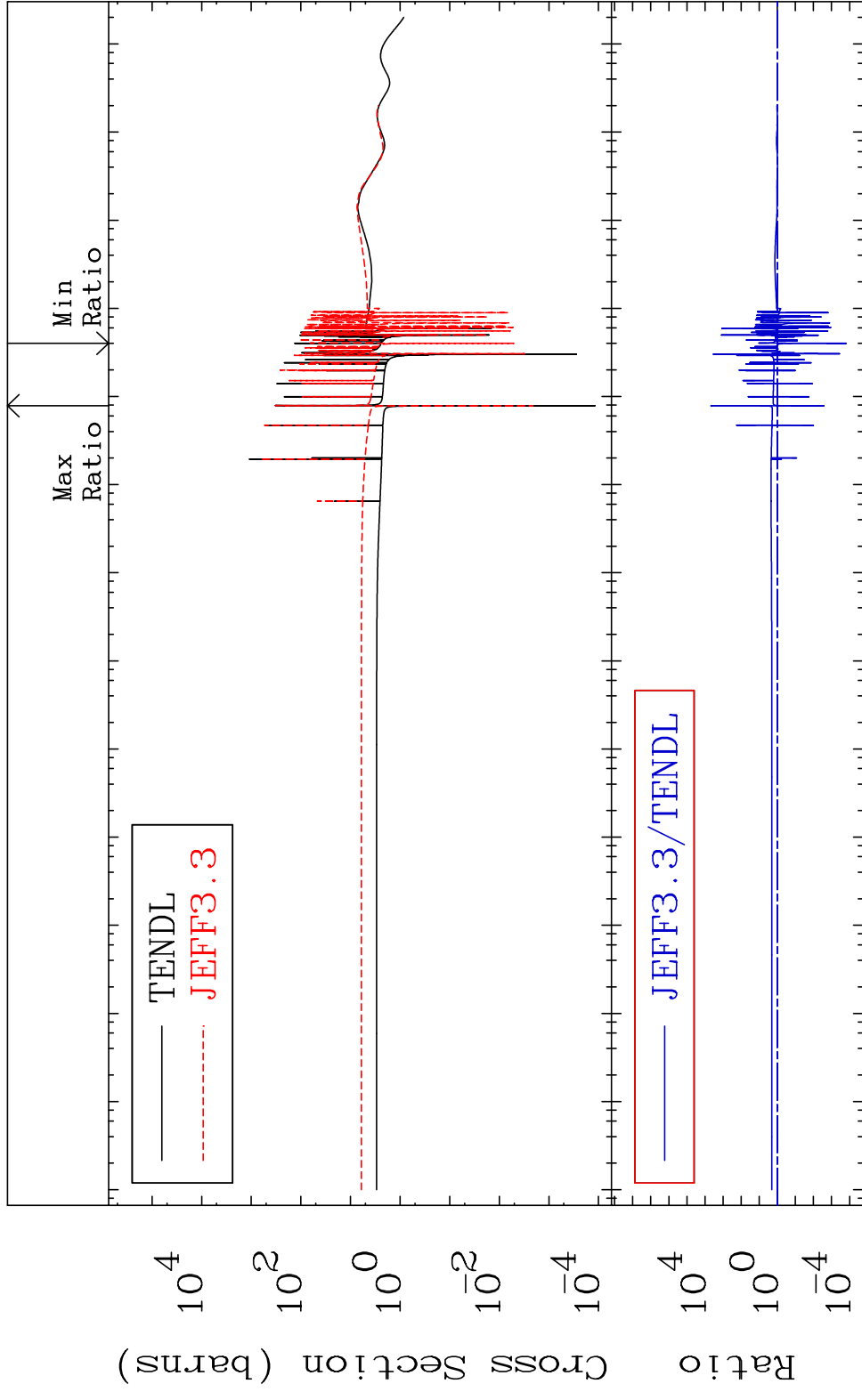
MAT 5649

Elastic

56-Ba-138

Cross Section

-99.98 To 9999. %

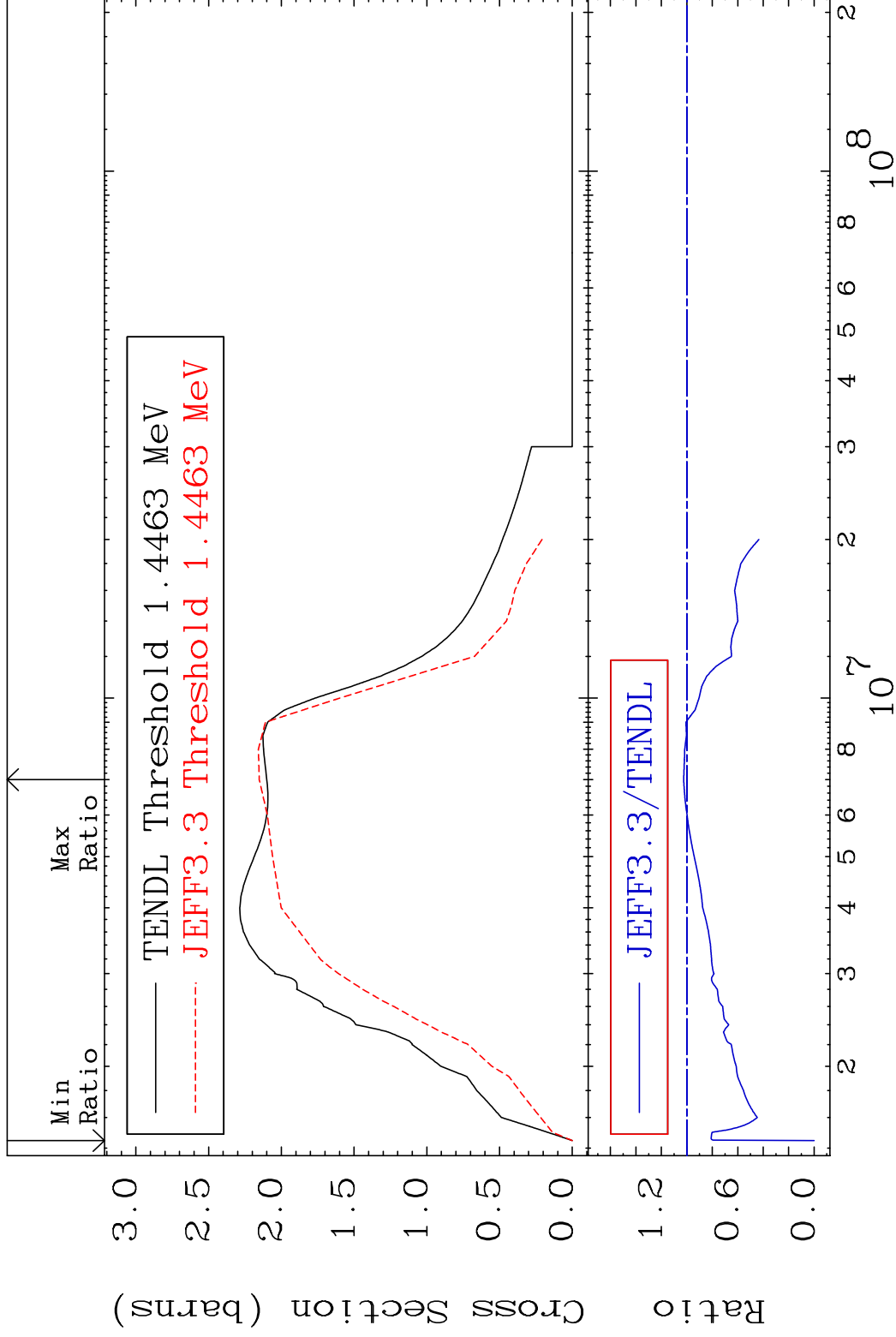


MAT 5649

Inelastic

56-Ba-138

Cross Section -100.0 To 2.489 %



3

Incident Energy (eV)

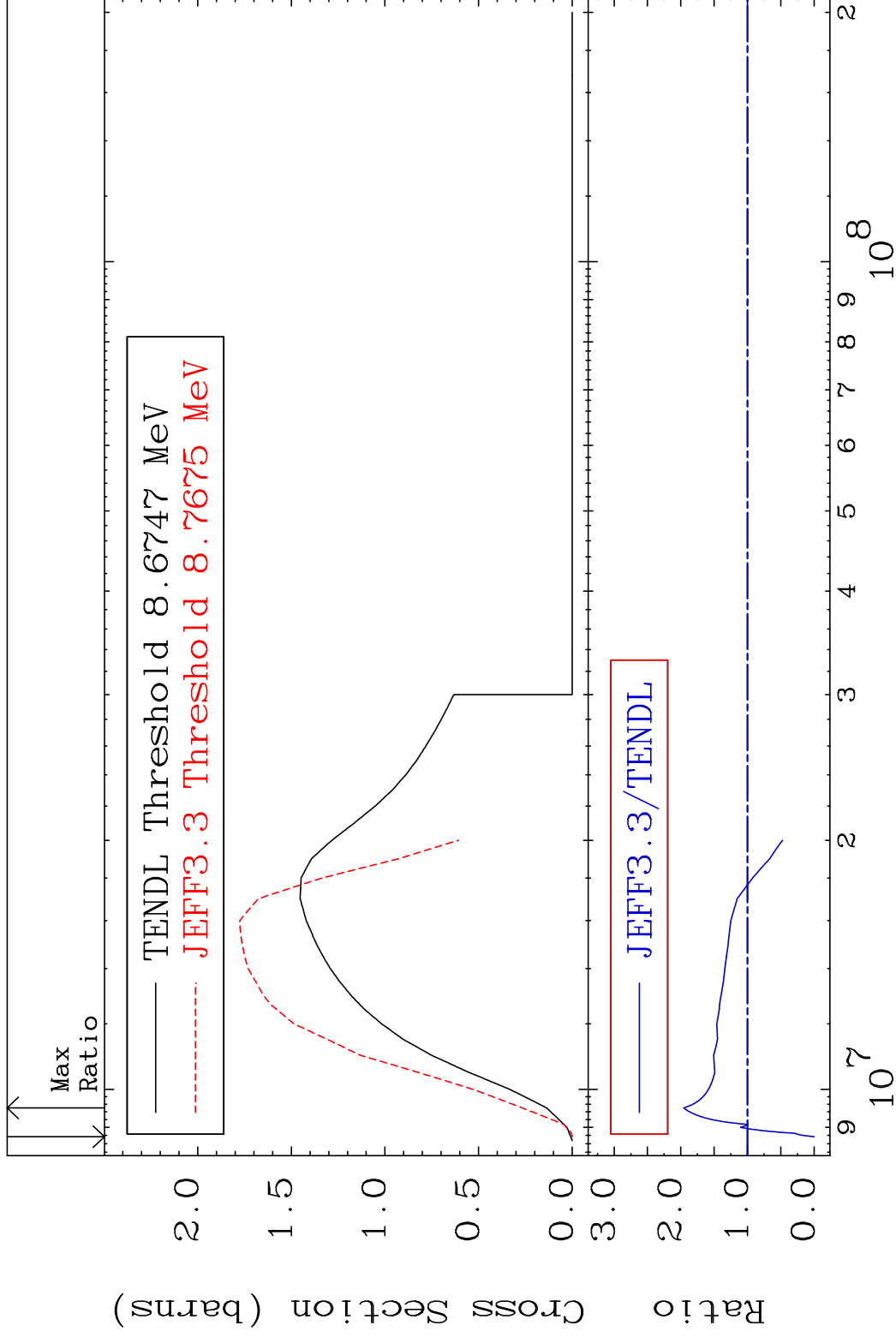
56-Ba-138

MAT 5649

(n,2n)

56-Ba-138

Cross Section -100.0 To 95.72 %



4

Incident Energy (eV)

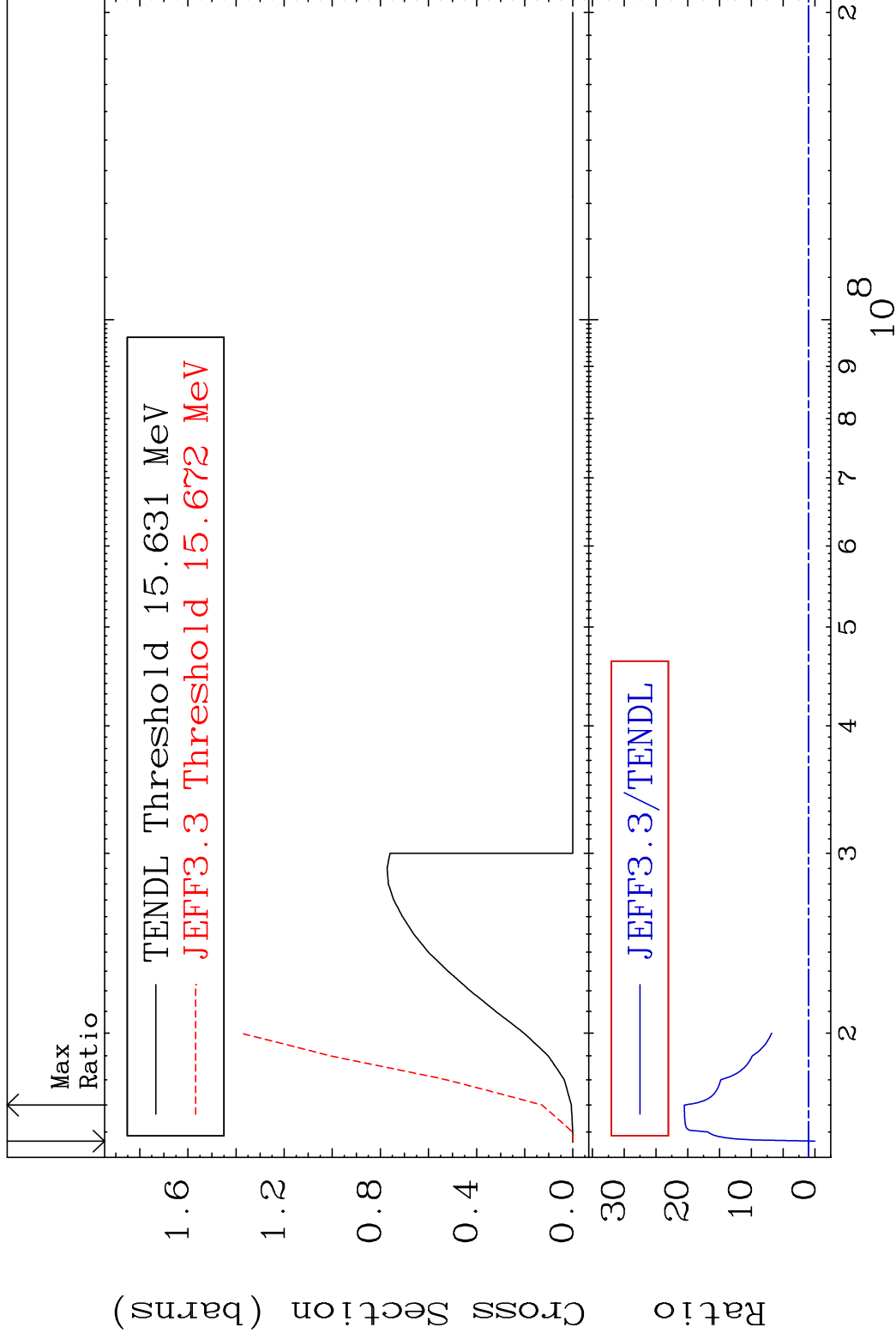
56-Ba-138

MAT 5649

(n,3n)

56-Ba-138

Cross Section -100.0 To 1954. %

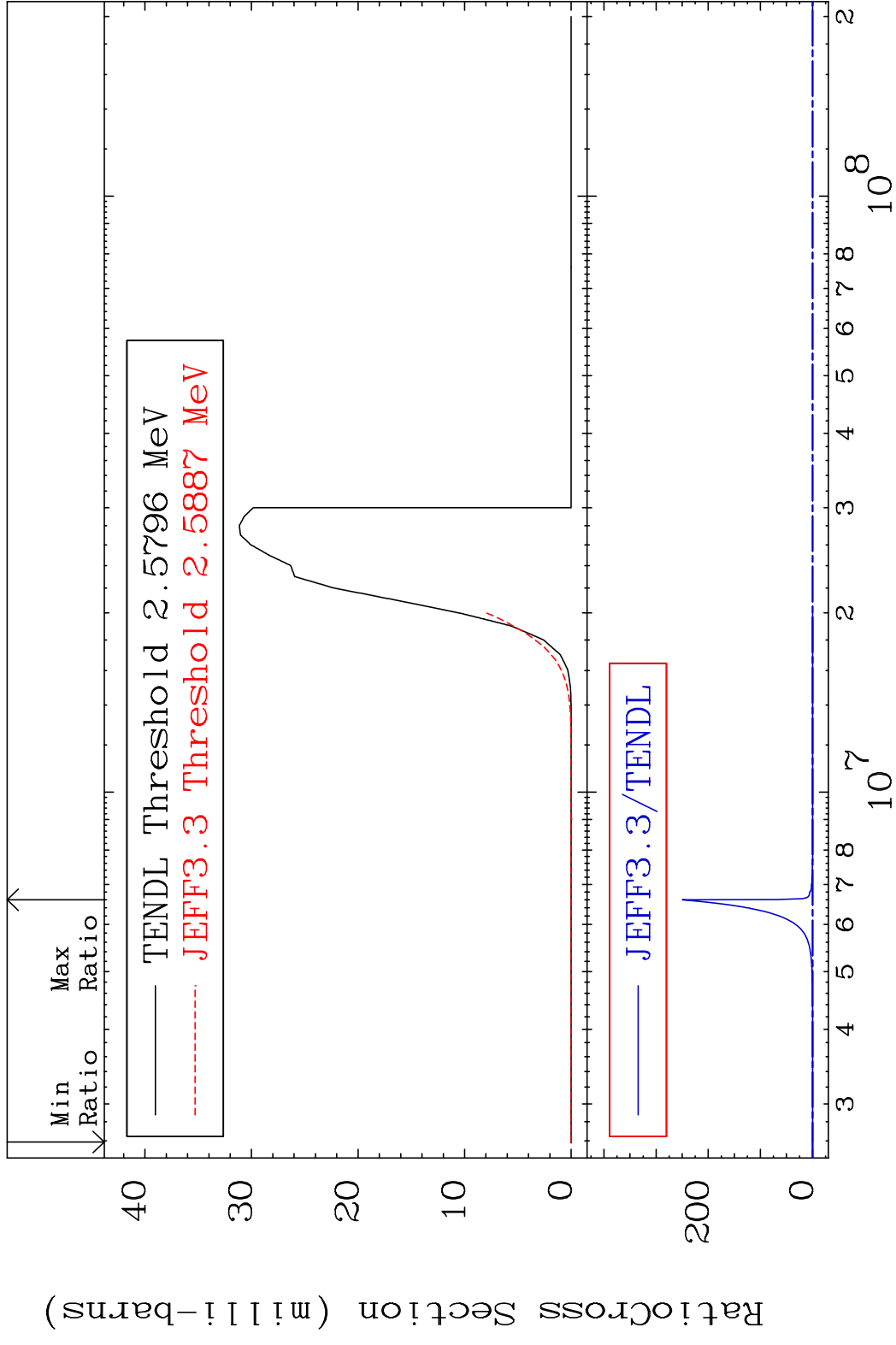


5

Incident Energy (eV)

56-Ba-138

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



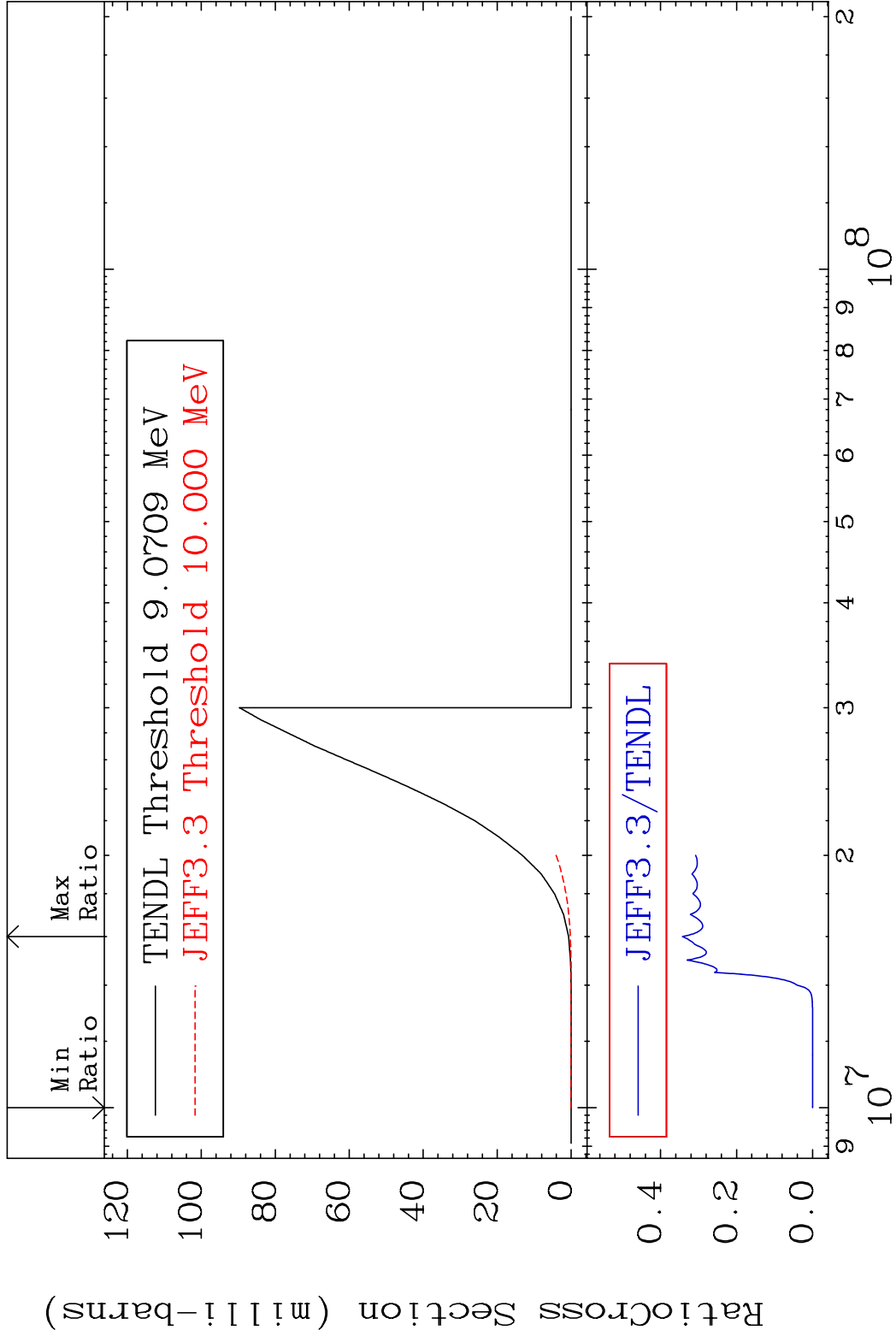
6 Incident Energy (eV) 56-Ba-138

MAT 5649

(n, n') p

56-Ba-138

Cross Section -100.0 To -65.73%

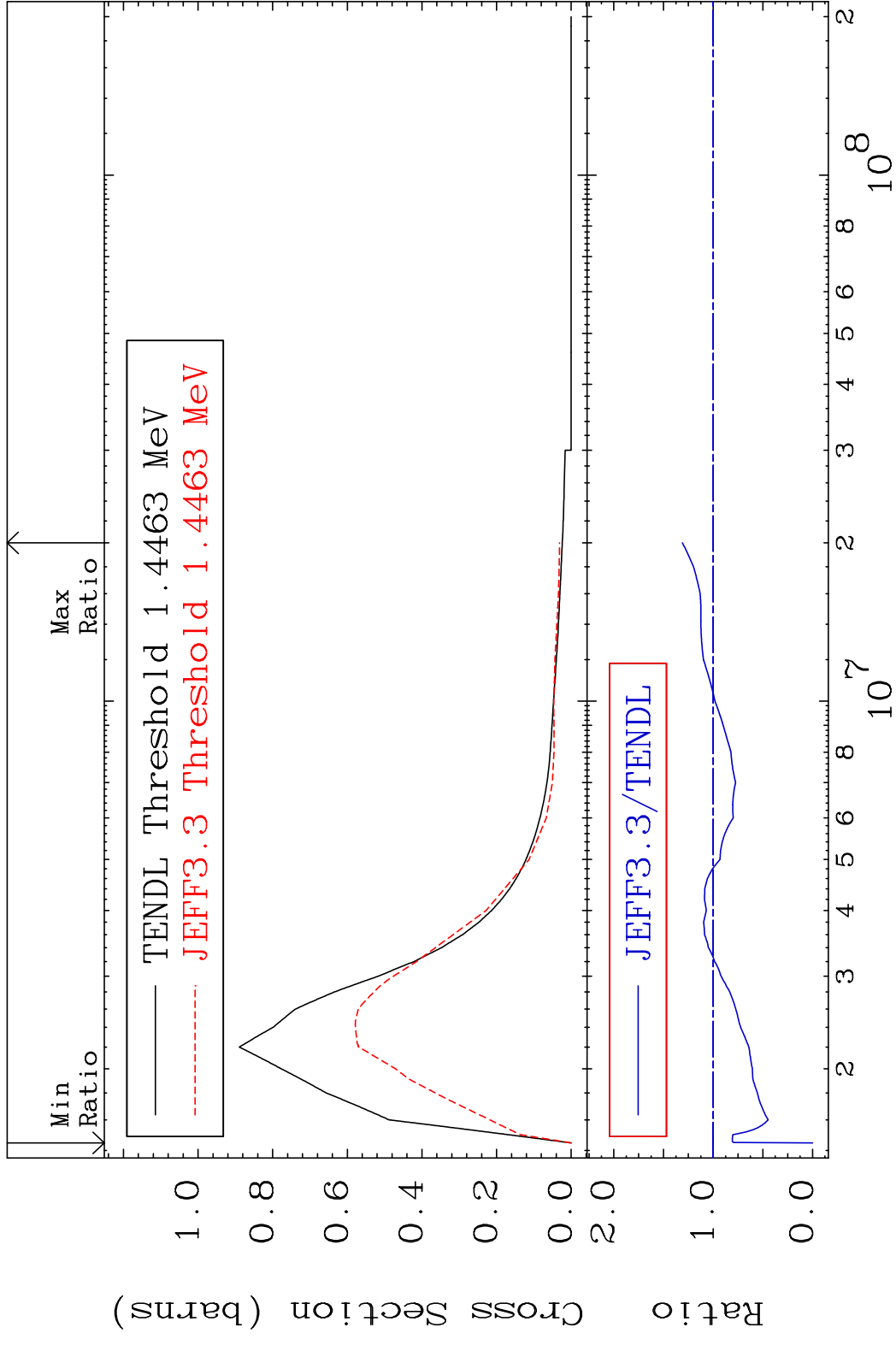


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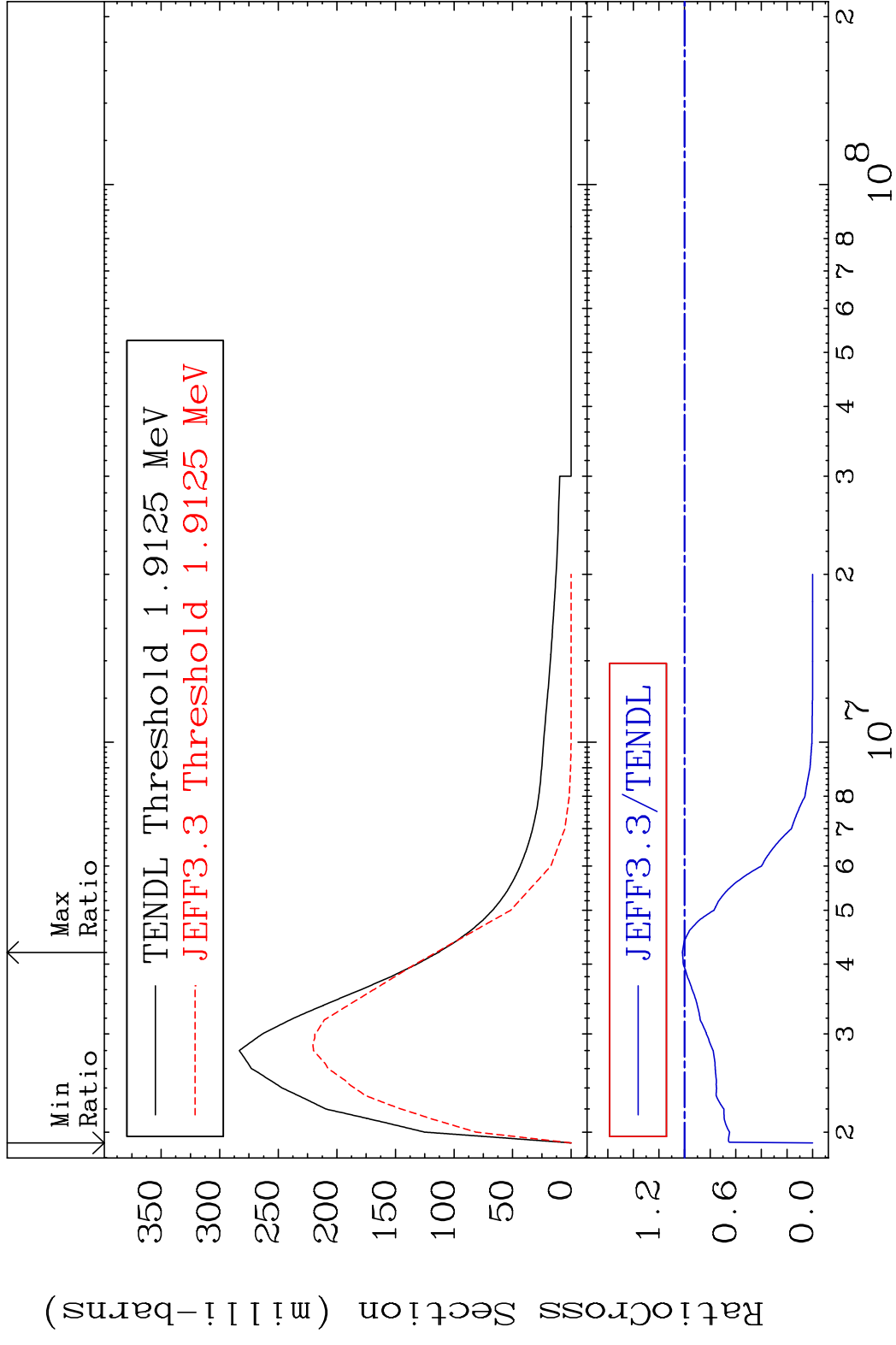
Incident Energy (eV)

56-Ba-138

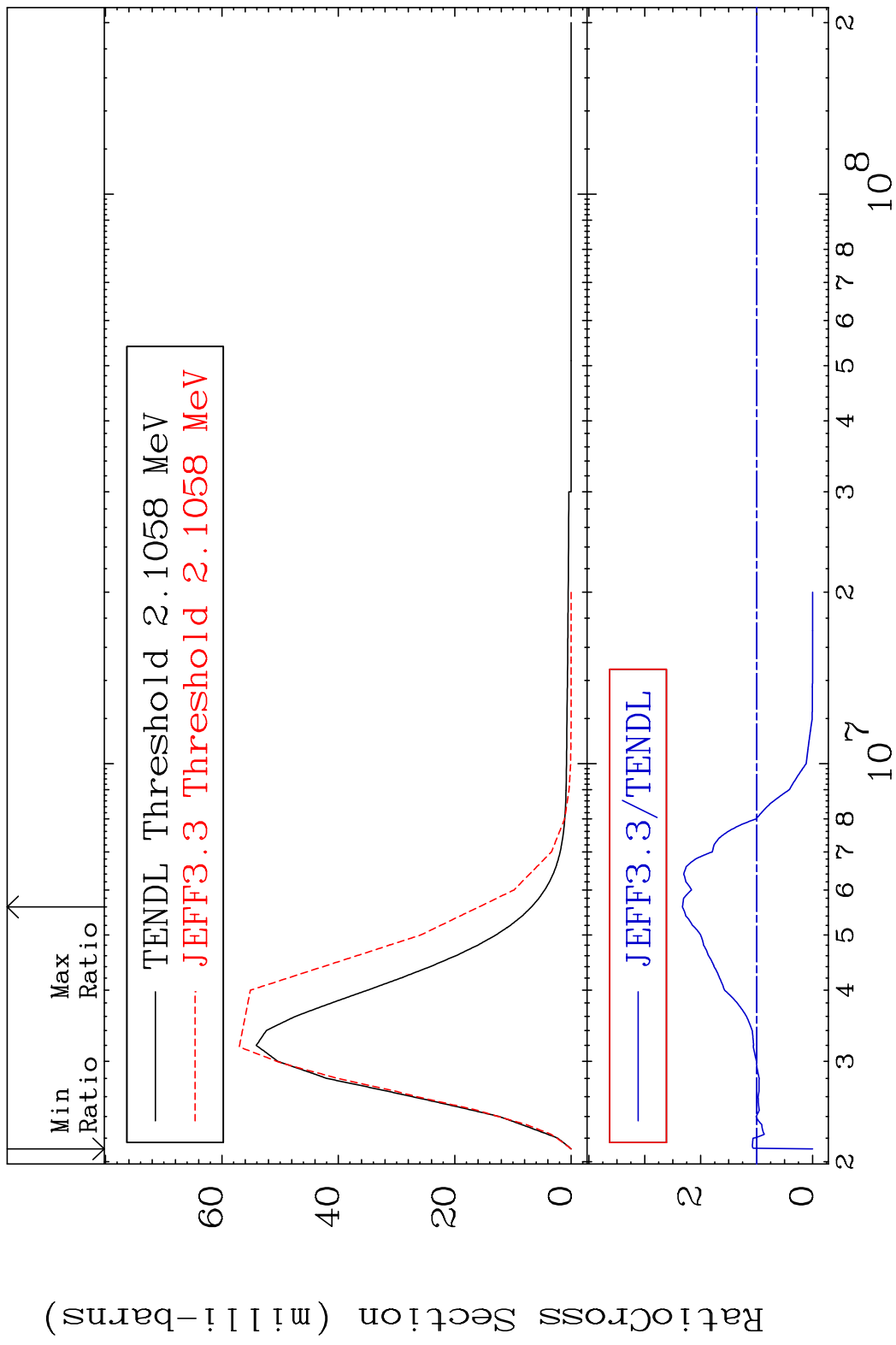
MAT 5649 MT= 51 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 31.04 %



MAT 5649 MT= 52 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 1.716 %

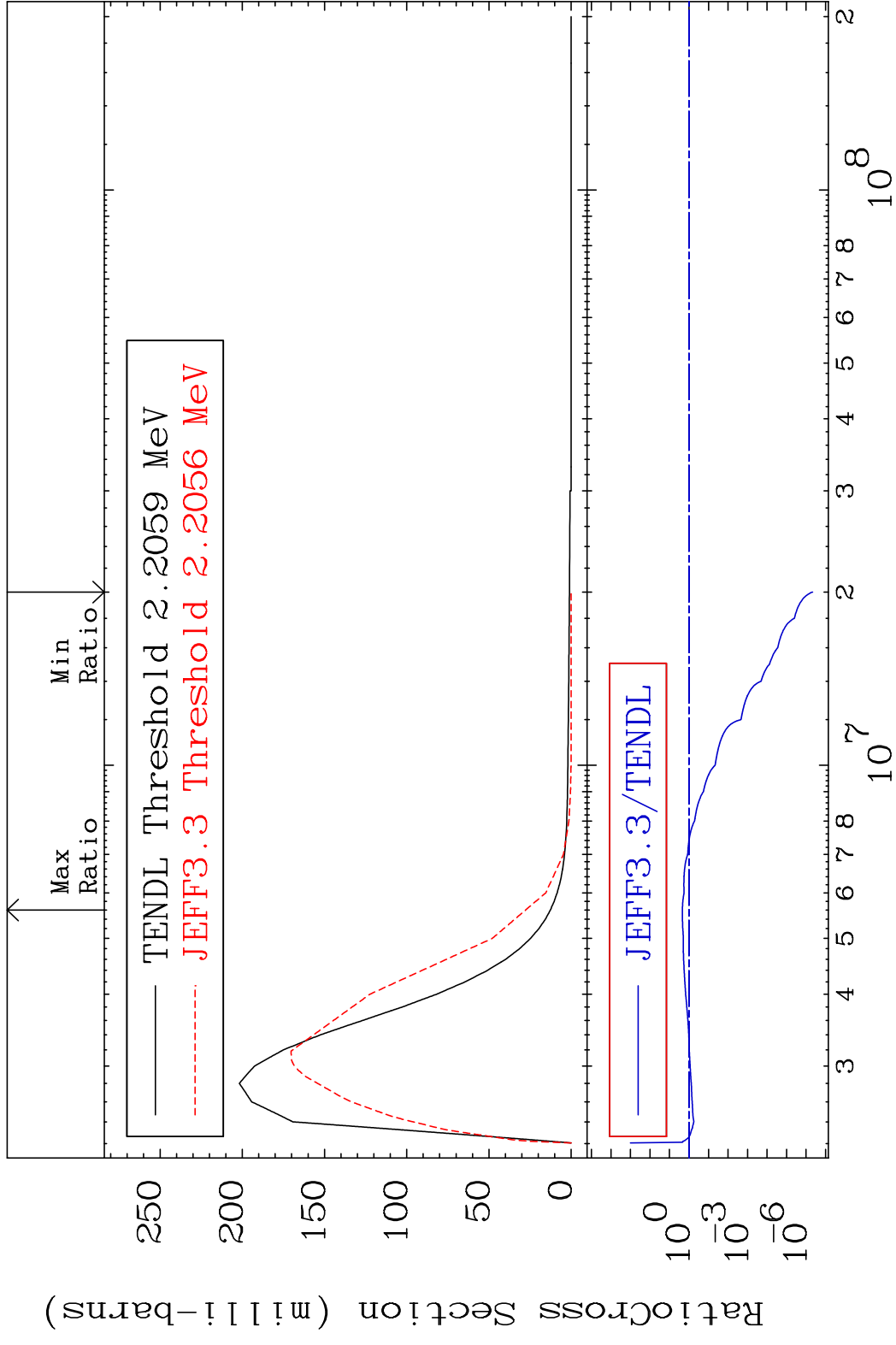


MAT 5649 MT= 53 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 132.8 %

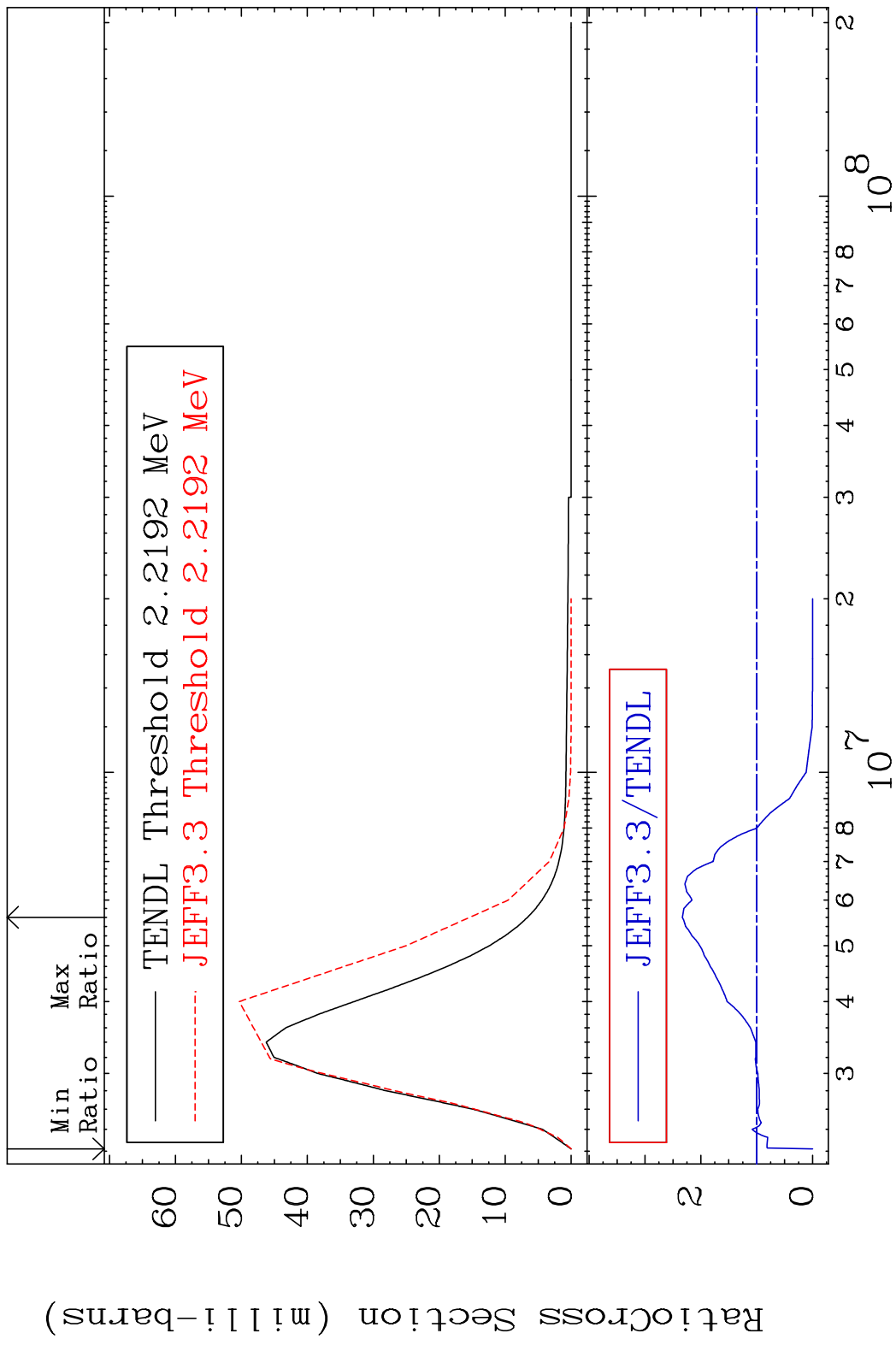


10 Incident Energy (eV) 56-Ba-138

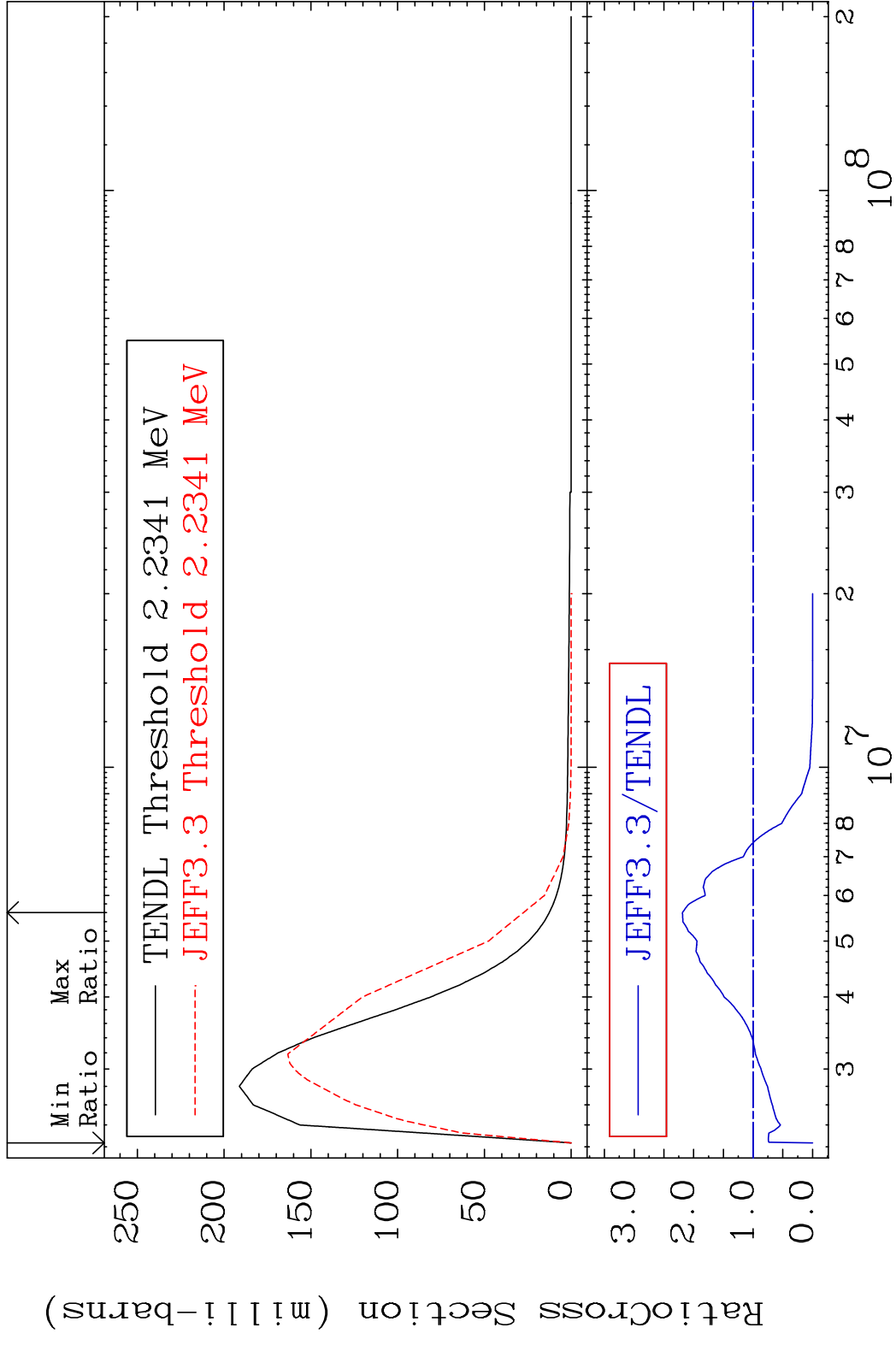
MAT 5649 MT= 54 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 119.1 %



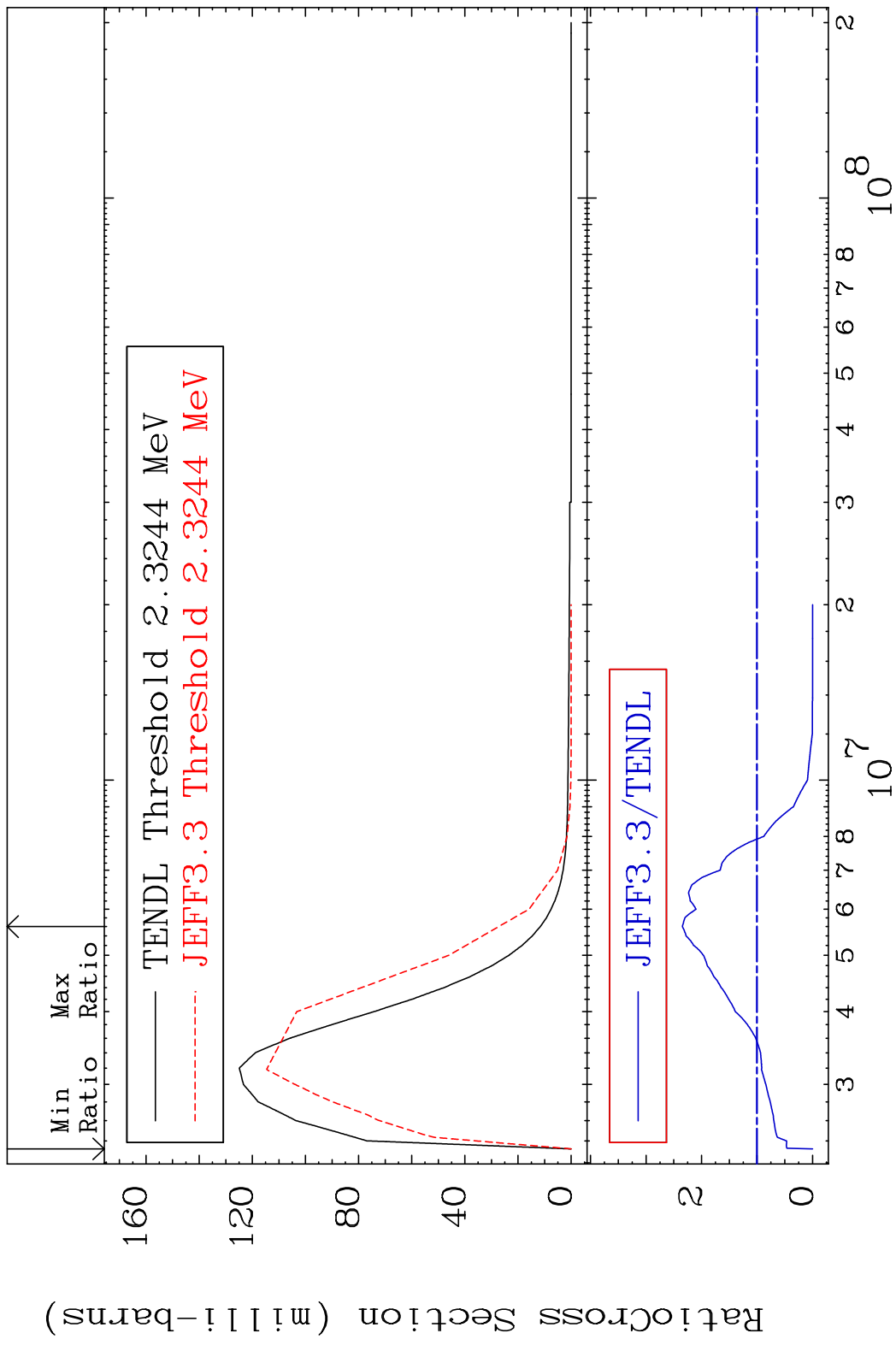
MAT 5649 MT= 55 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 133.2 %



MAT 5649 MT= 56 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 119.0 %

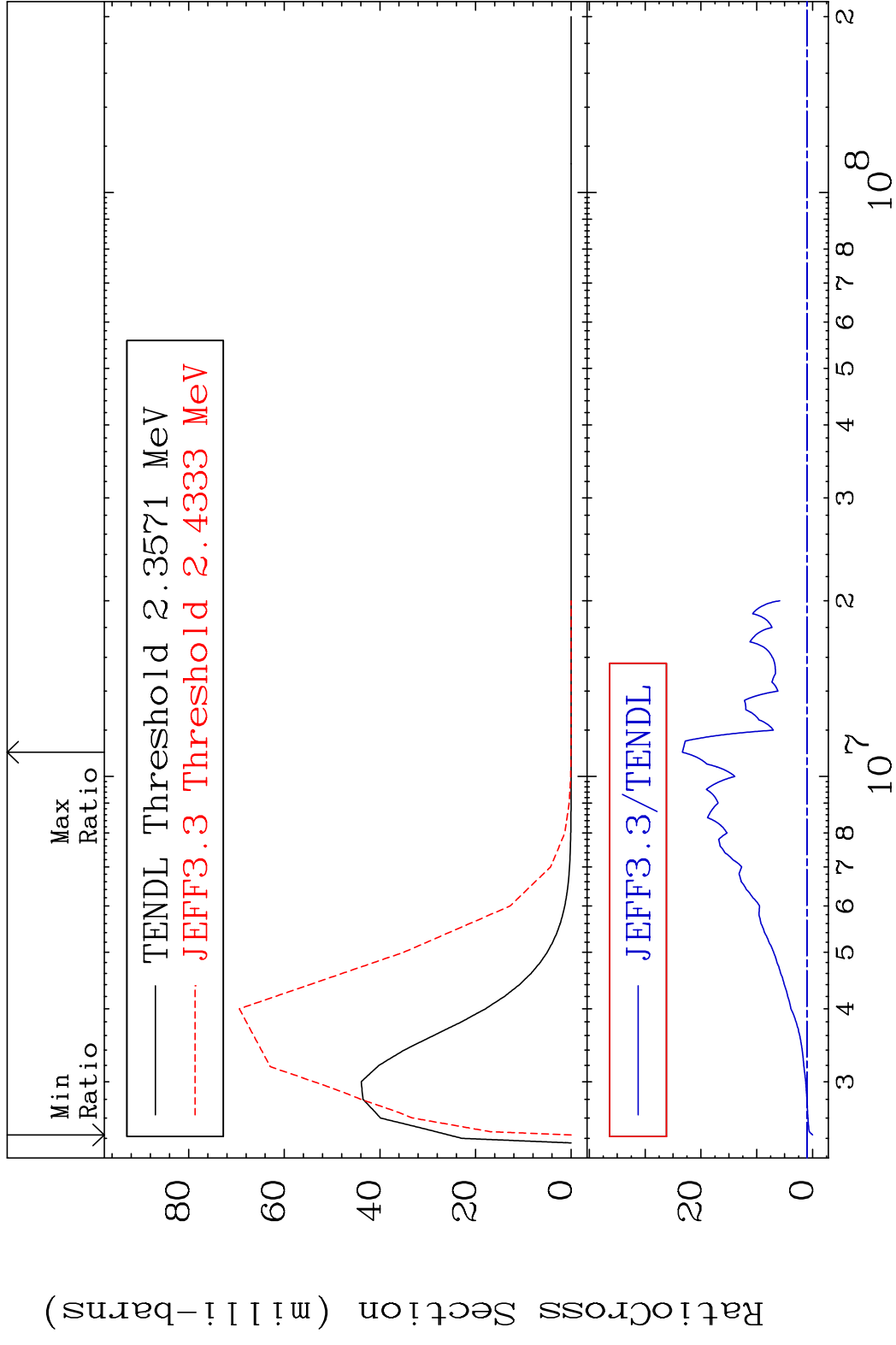


MAT 5649 MT= 57 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 134.6 %



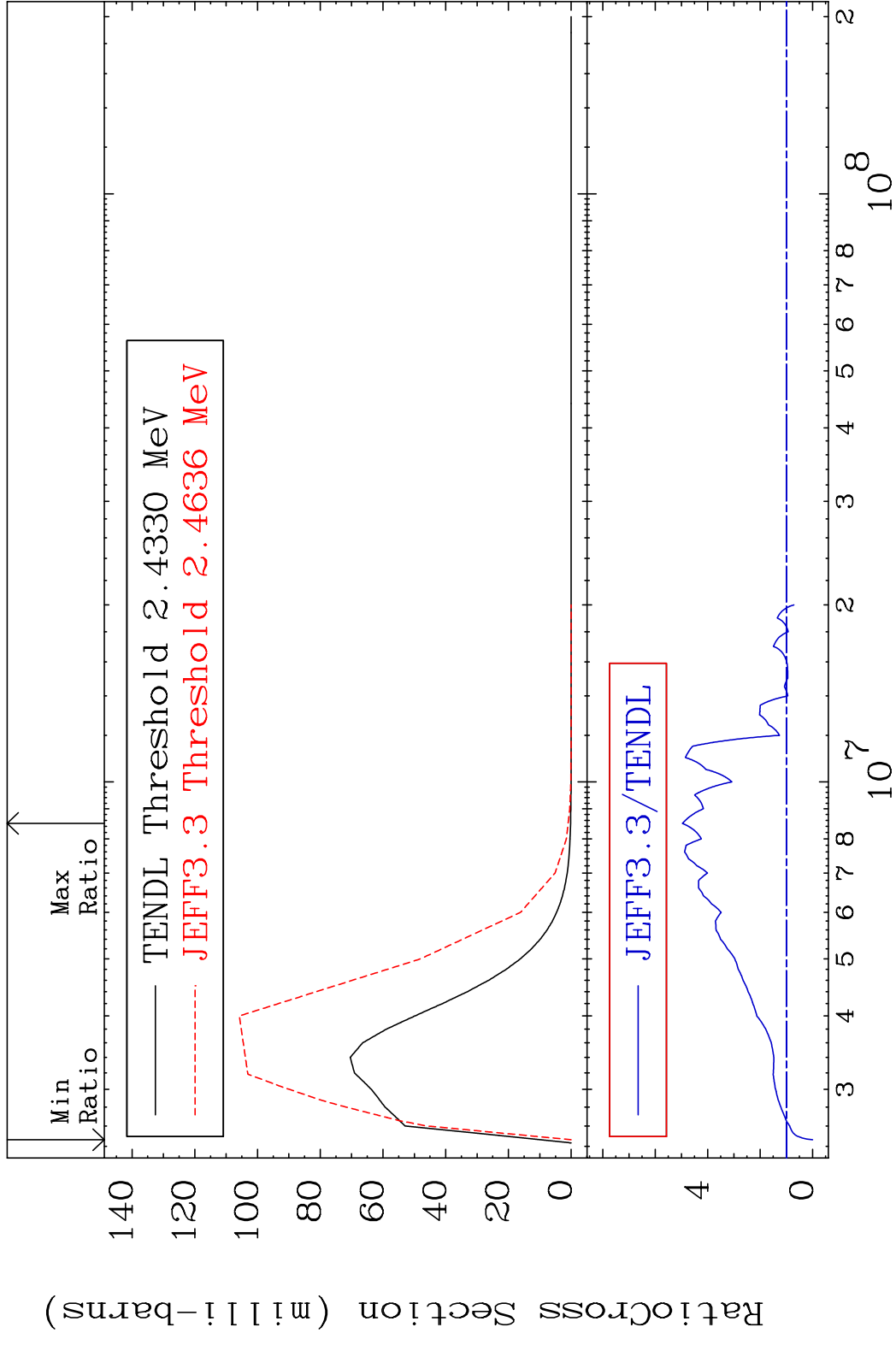
14 Incident Energy (eV) 56-Ba-138

MAT 5649 MT= 58 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 2233. %

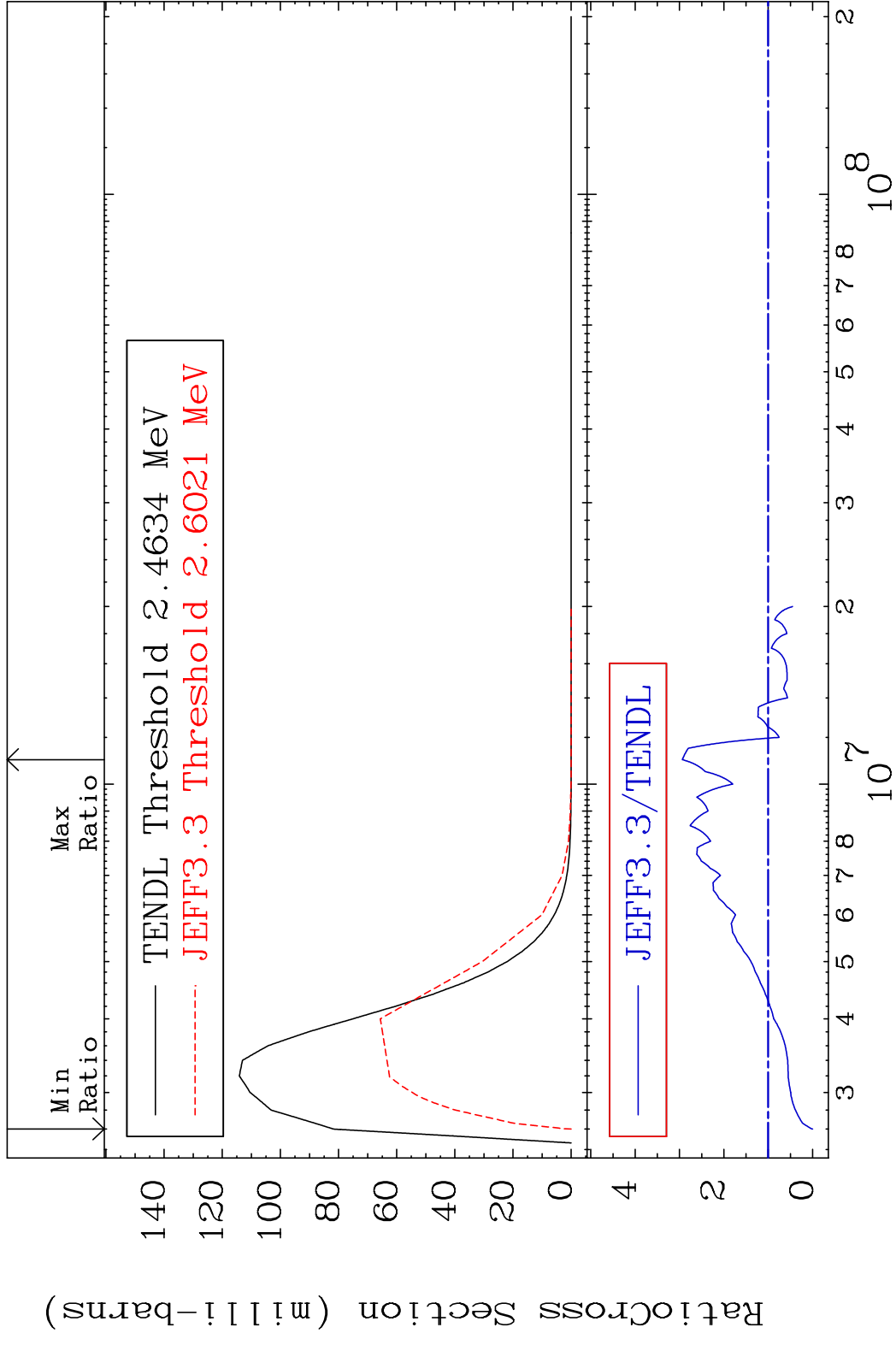


15 Incident Energy (eV) 56-Ba-138

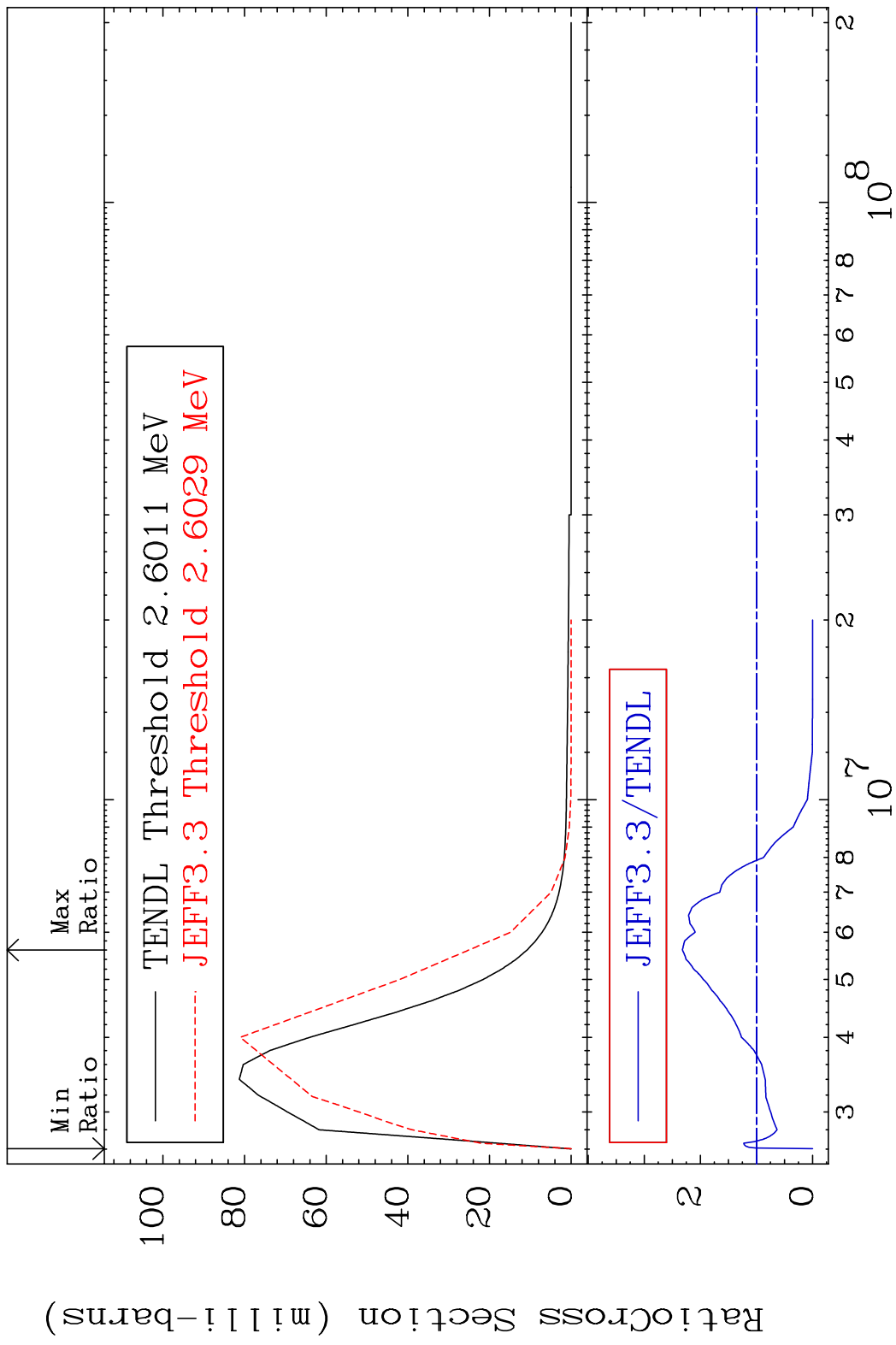
MAT 5649 MT= 59 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 396.4 %



MAT 5649 MT= 60 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 193.5 %

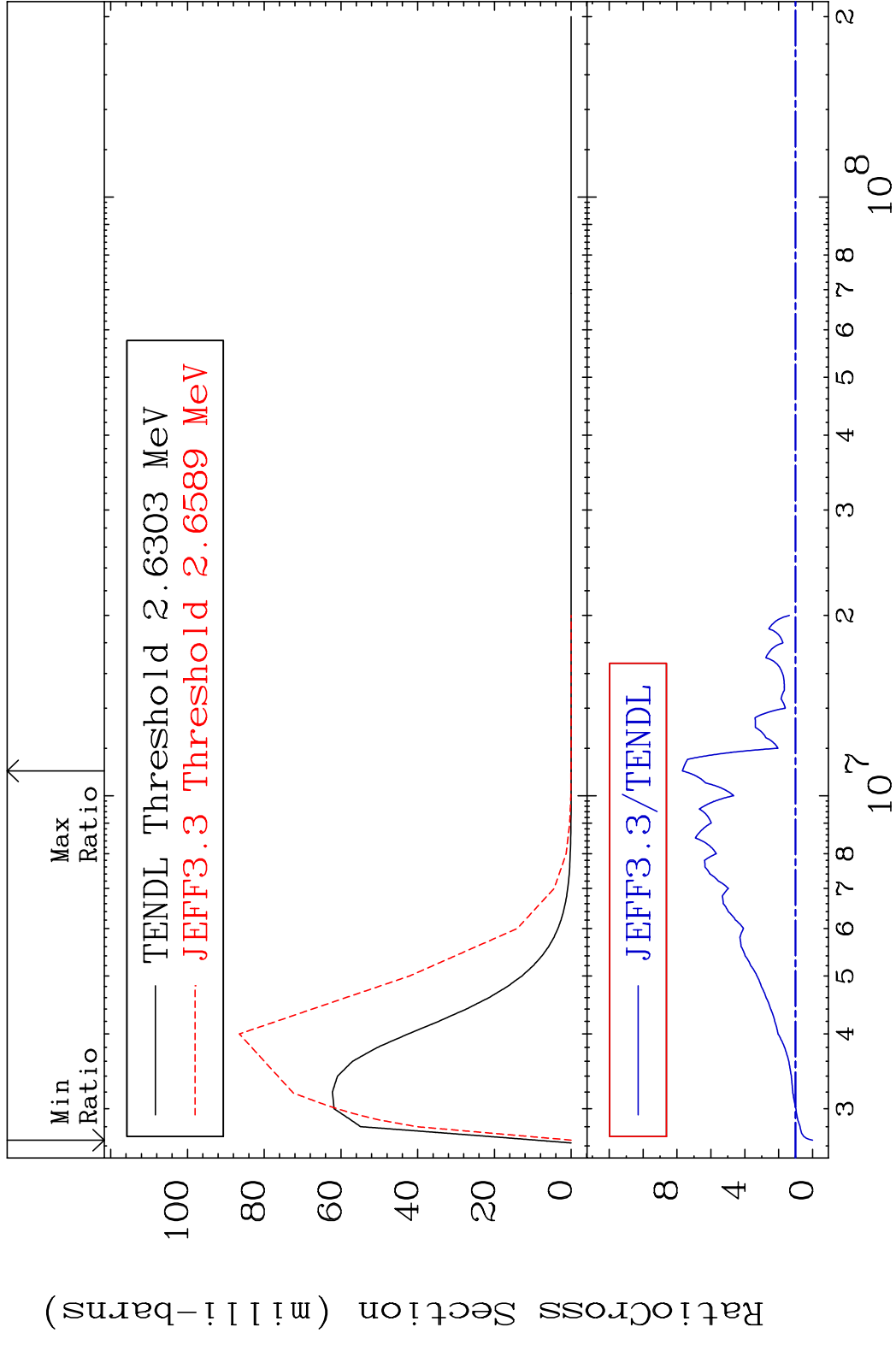


MAT 5649 MT= 61 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 132.1 %

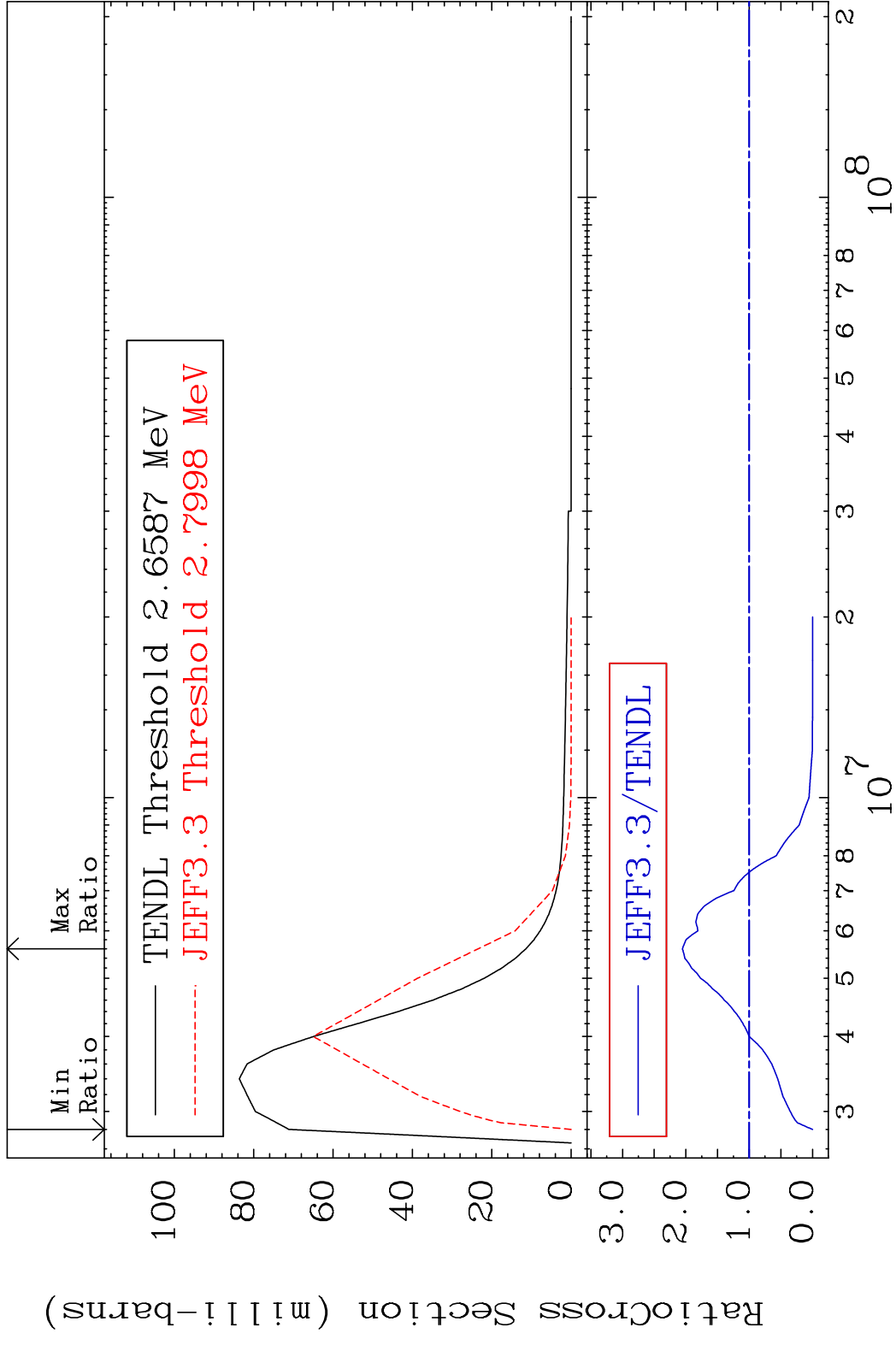


18 Incident Energy (eV) 56-Ba-138

MAT 5649 MT= 62 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 668.5 %



MAT 5649 MT= 63 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 105.6 %

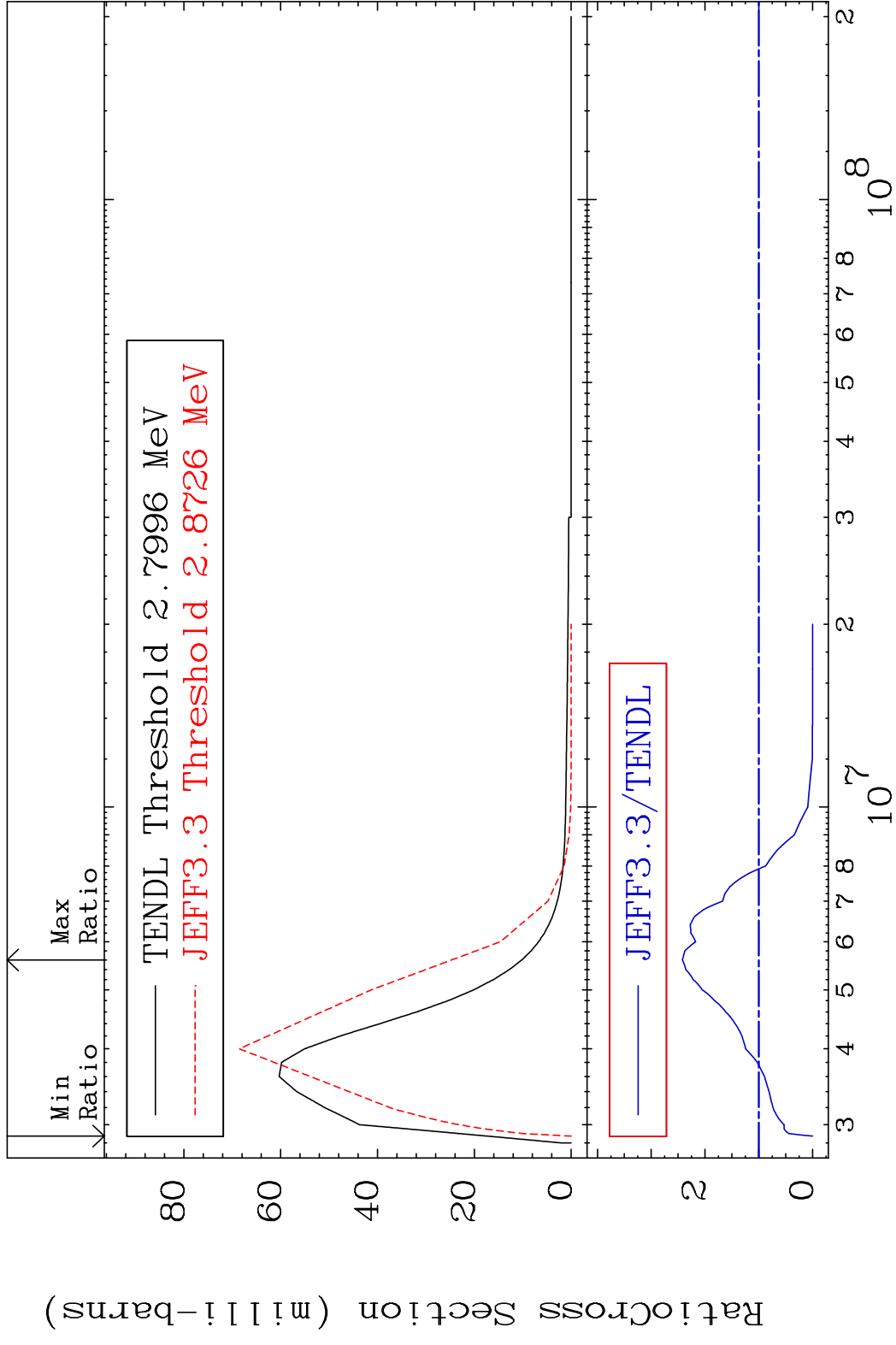


MAT 5649

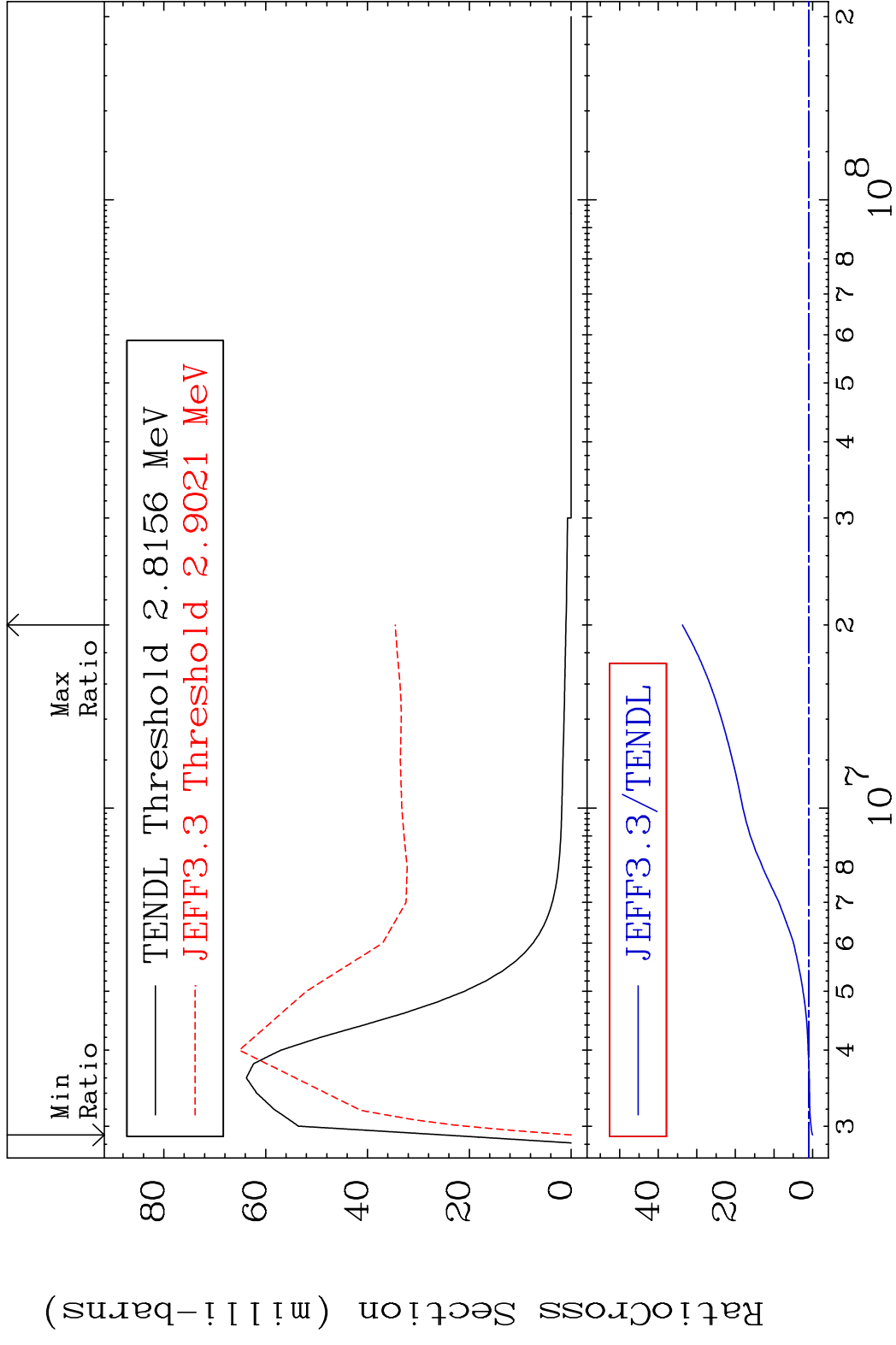
MT= 64 (n, n') Level

56-Ba-138

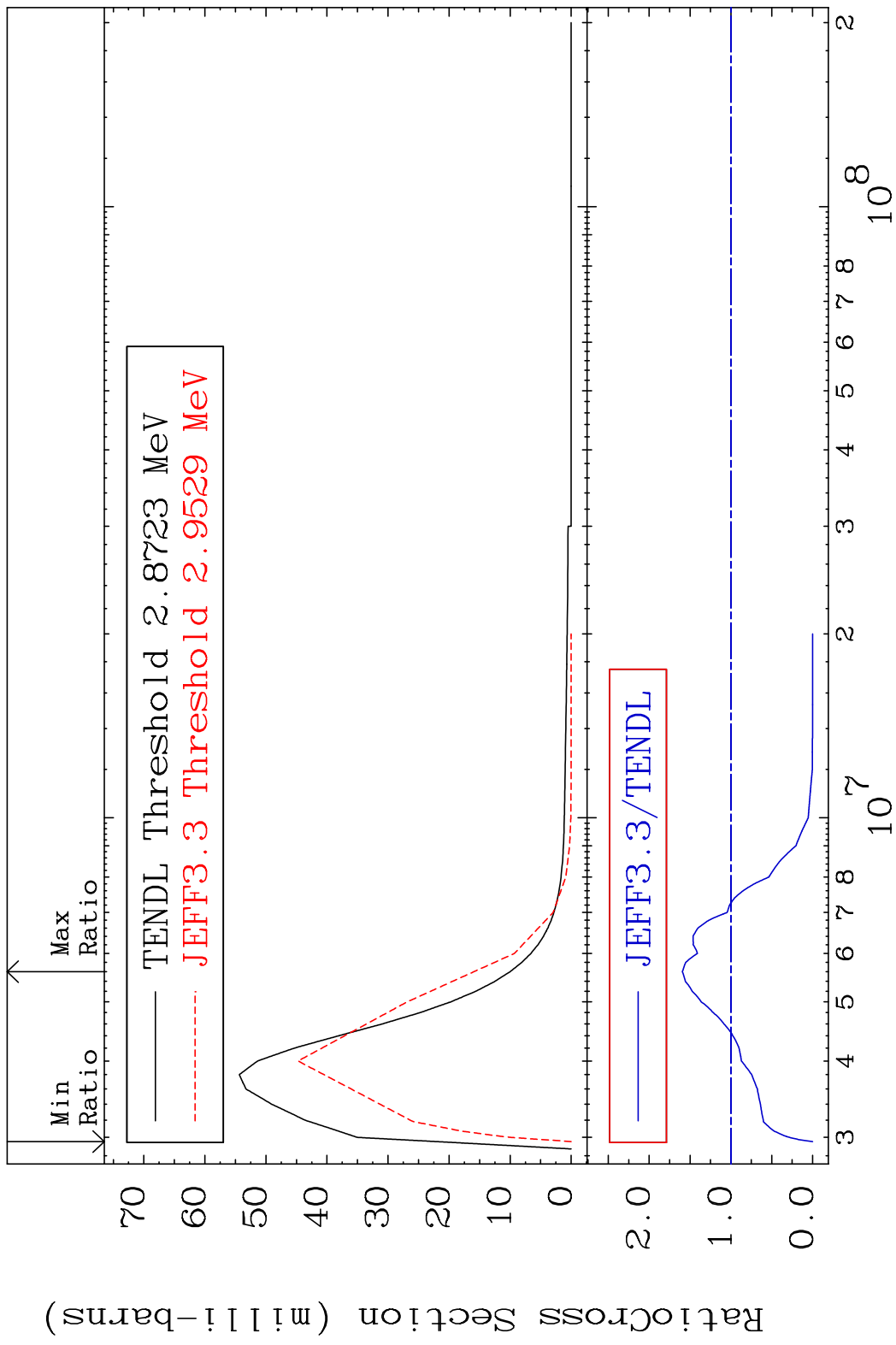
Cross Section -100.0 To 142.1 %



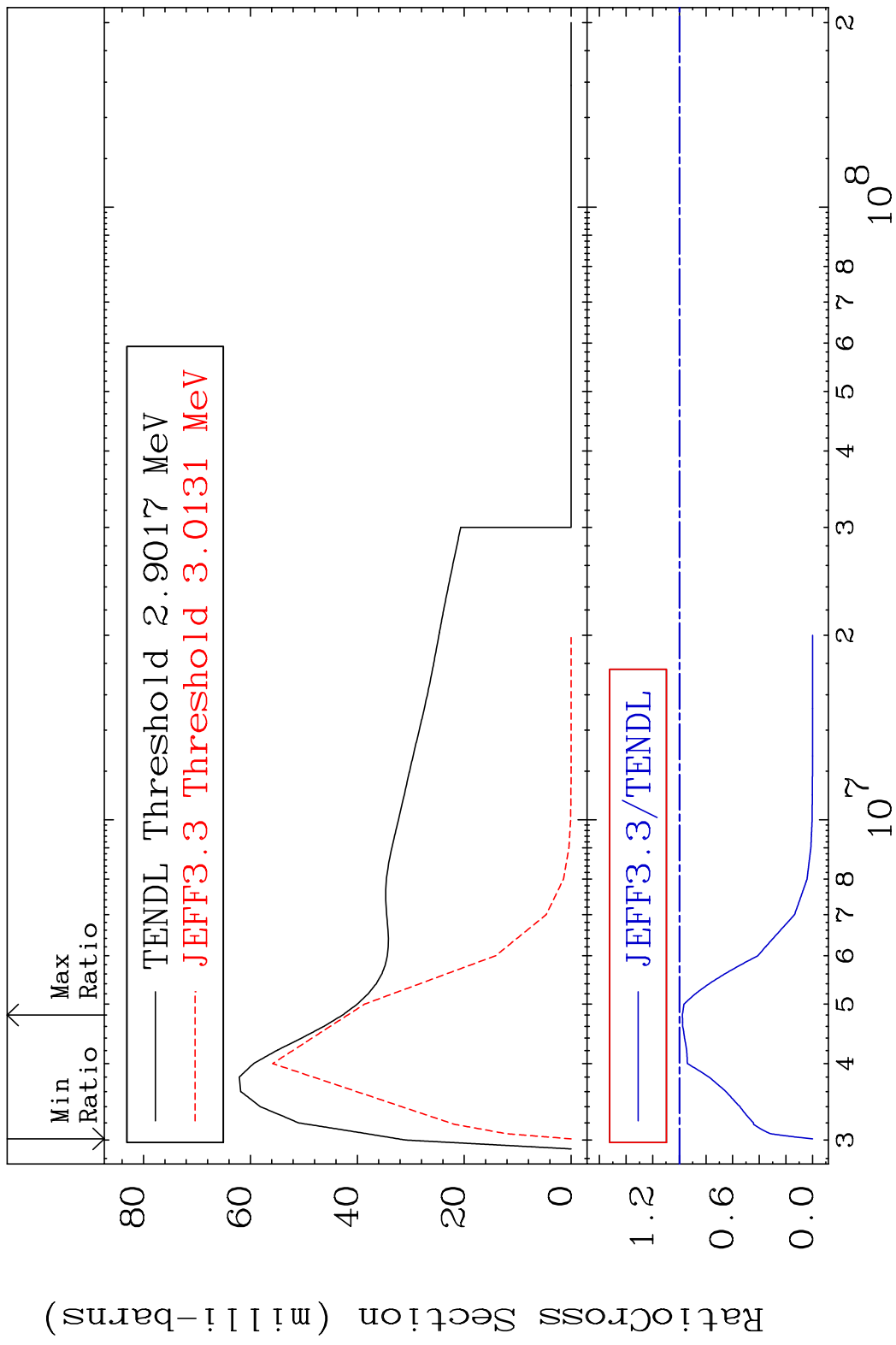
MAT 5649 MT= 65 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 3275. %



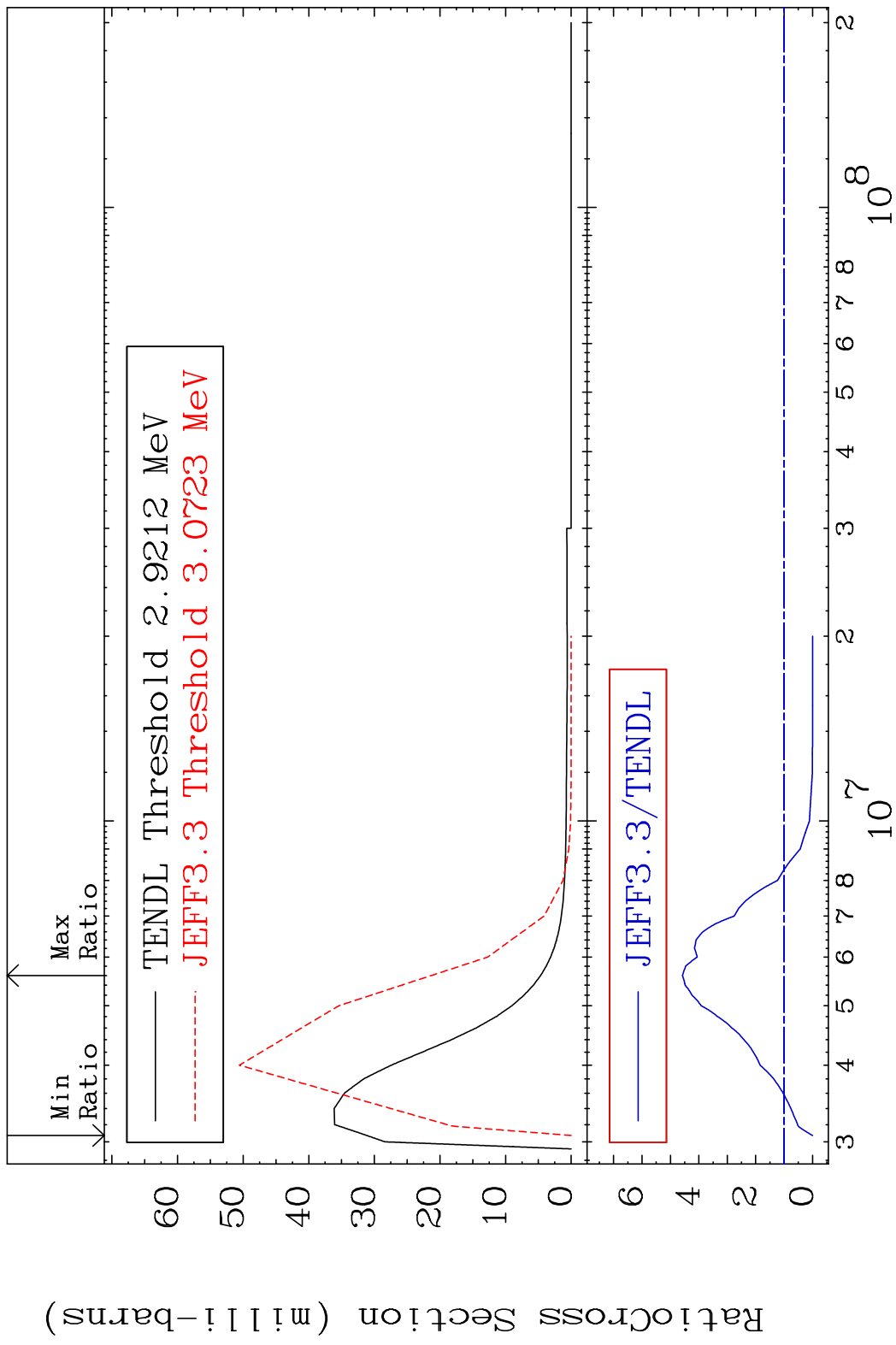
MAT 5649 MT= 66 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 59.41 %



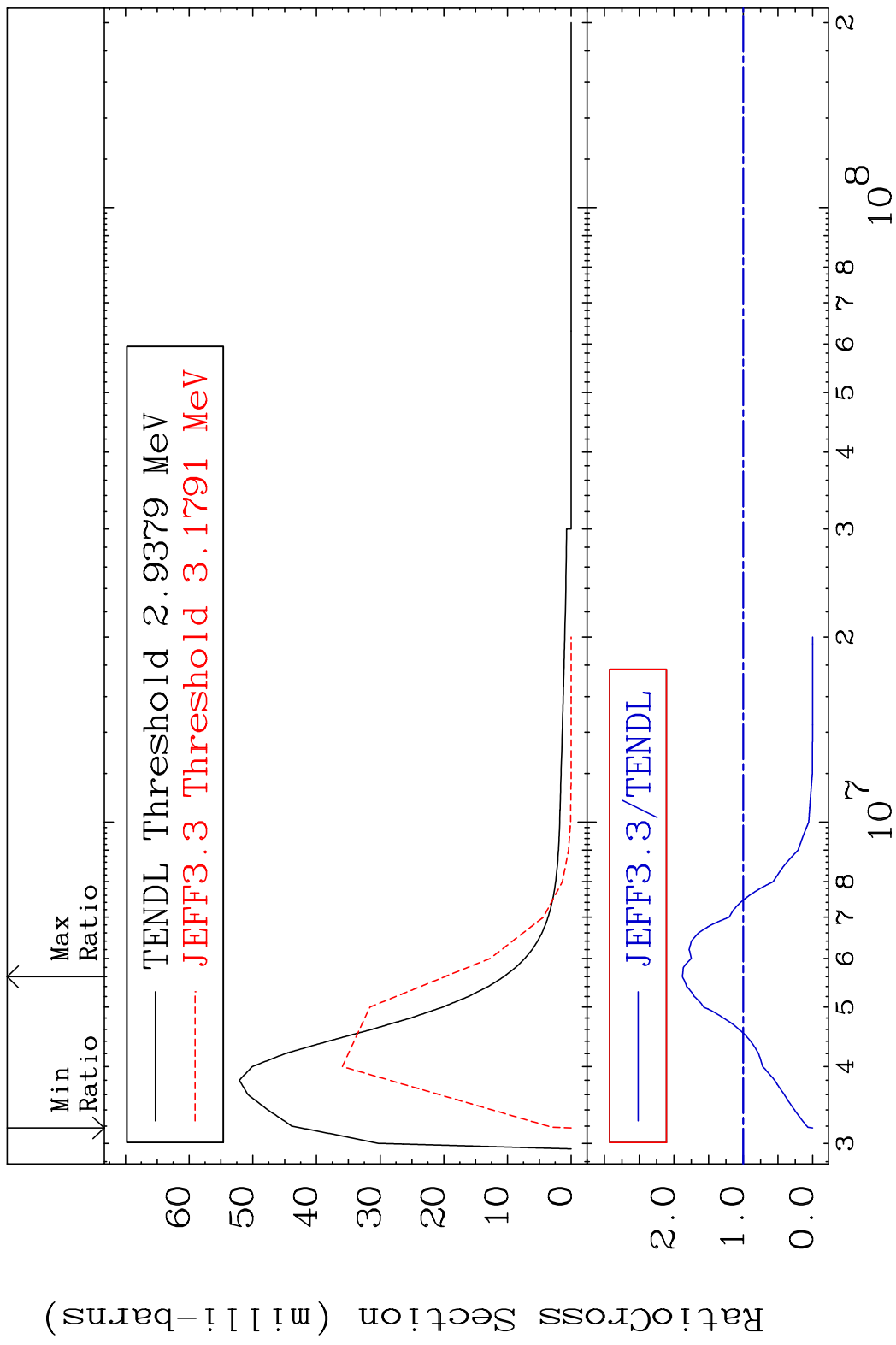
MAT 5649 MT= 67 (n, n') Level 56-Ba-138
 Cross Section -100.0 To -2.230%



MAT 5649 MT= 68 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 358.1 %



MAT 5649 MT= 69 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 87.74 %

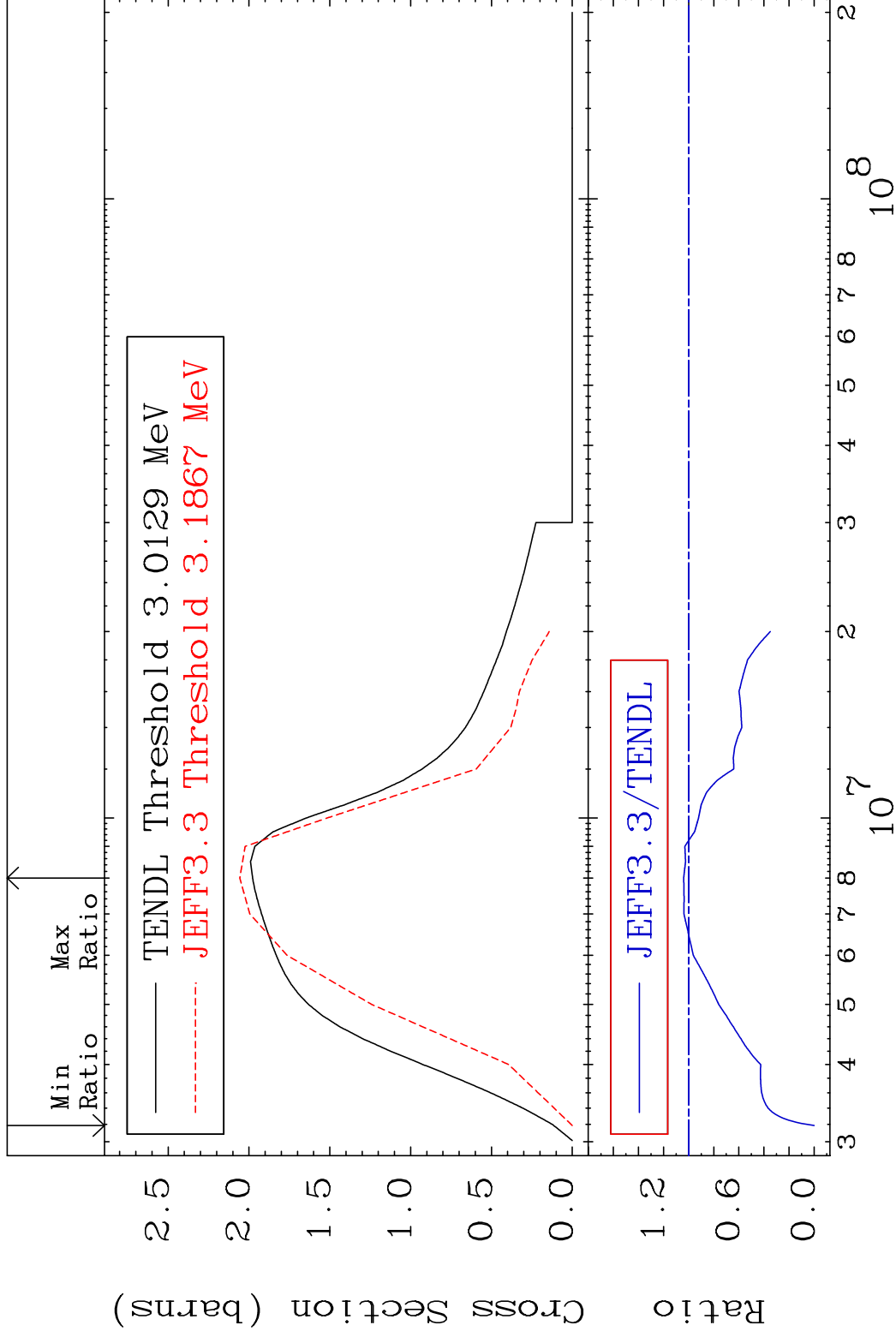


MAT 5649

(n,n') Continuum

56-Ba-138

Cross Section -100.0 To 3.999 %



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Incident Energy (eV)

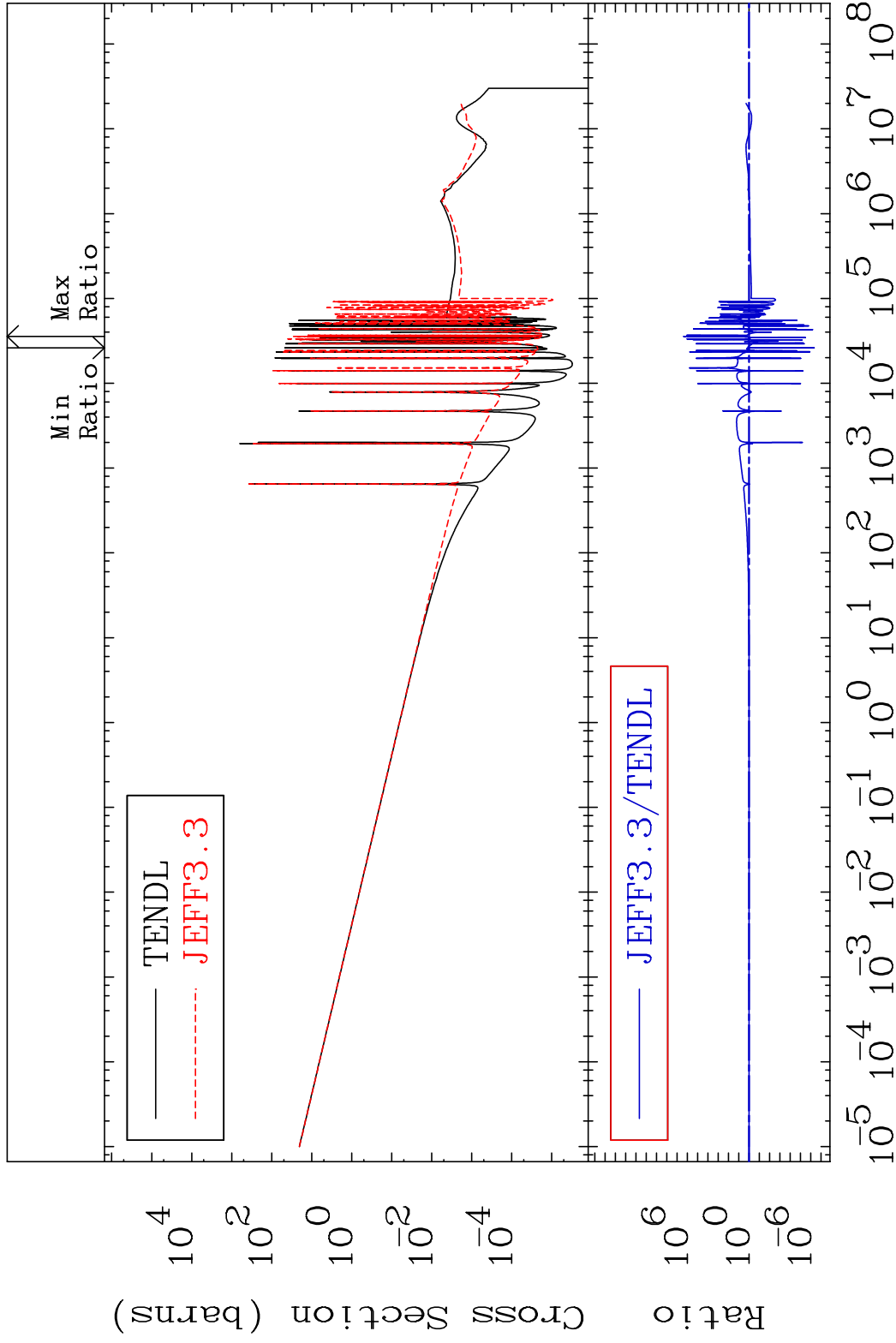
56-Ba-138

MAT 5649

(n, γ)

56-Ba-138

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

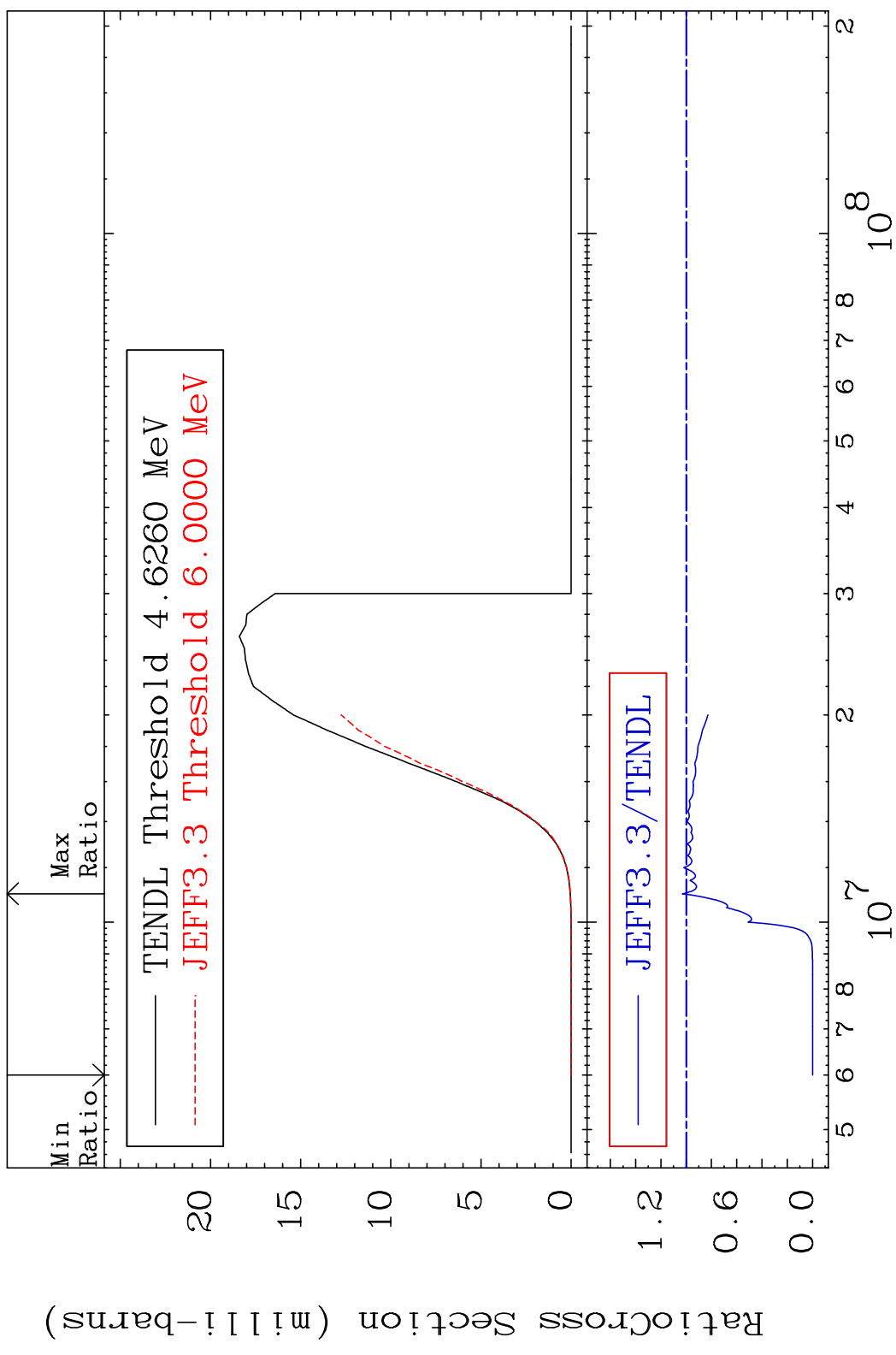
56-Ba-138

MAT 5649

(n,p)

56-Ba-138

Cross Section -100.0 To 3.029 %

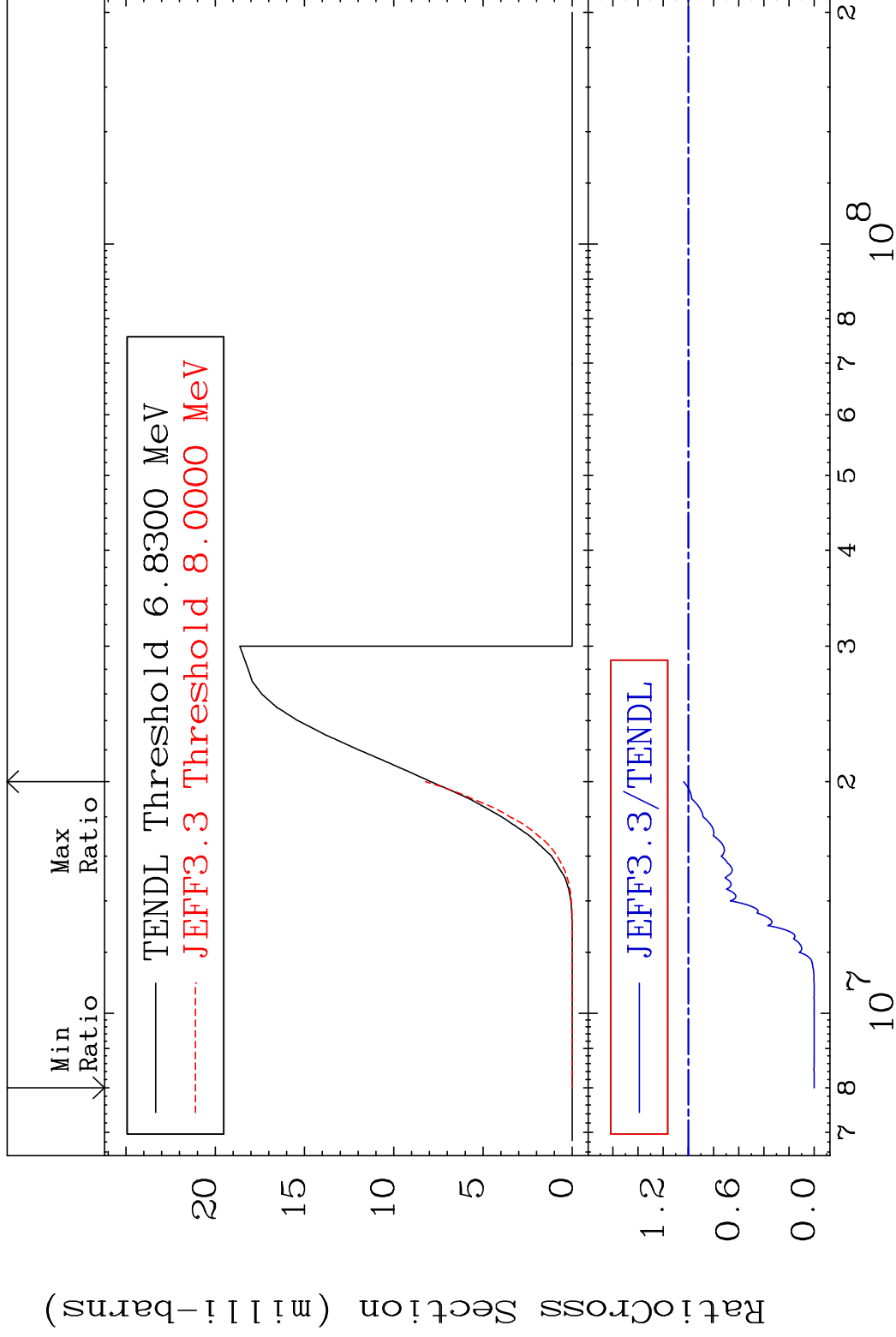


MAT 5649

(n, d)

56-Ba-138

Cross Section -100.0 To 3.745 %



30

Incident Energy (eV)

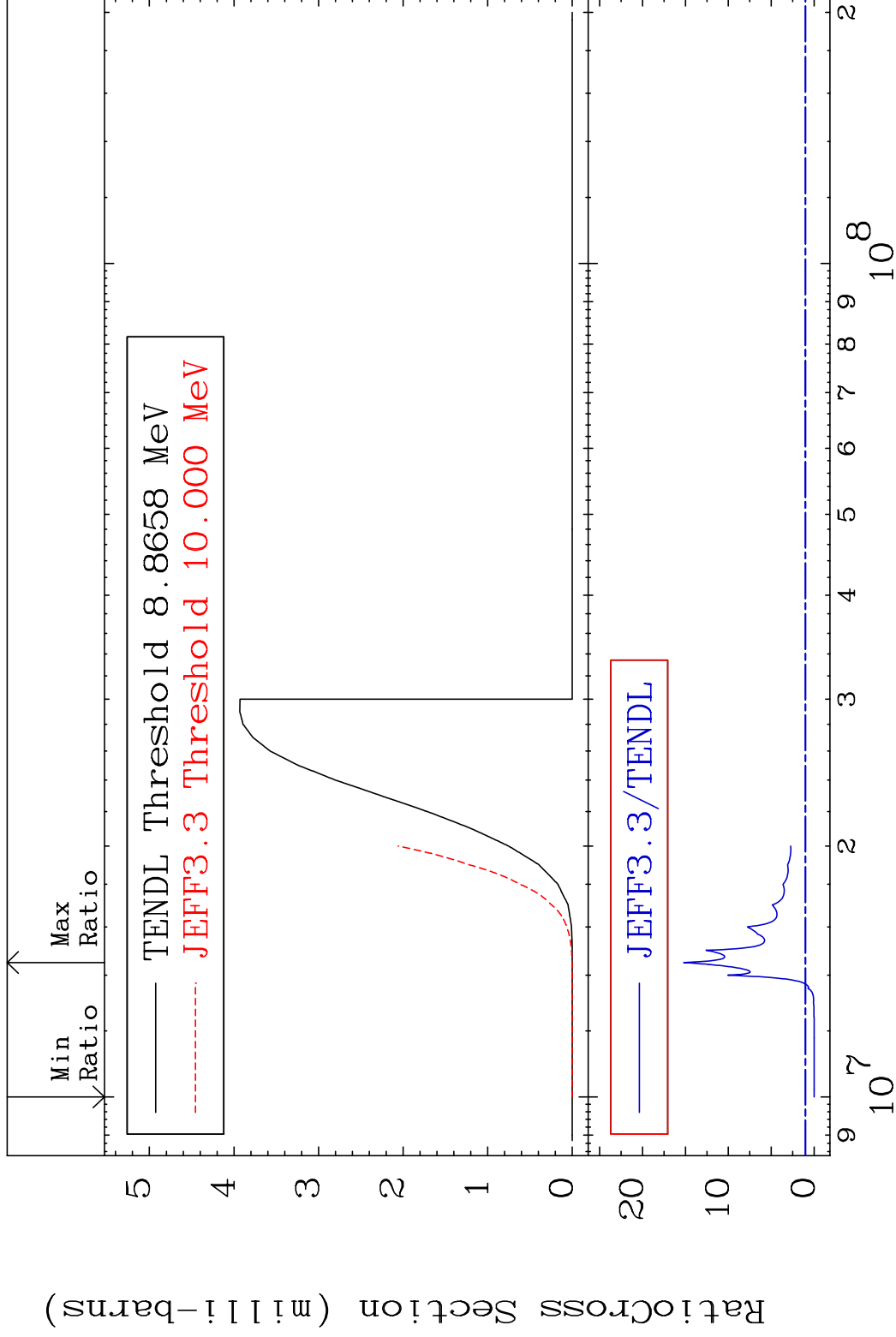
56-Ba-138

MAT 5649

(n, t)

56-Ba-138

Cross Section -100.0 To 1421. %



31

Incident Energy (eV)

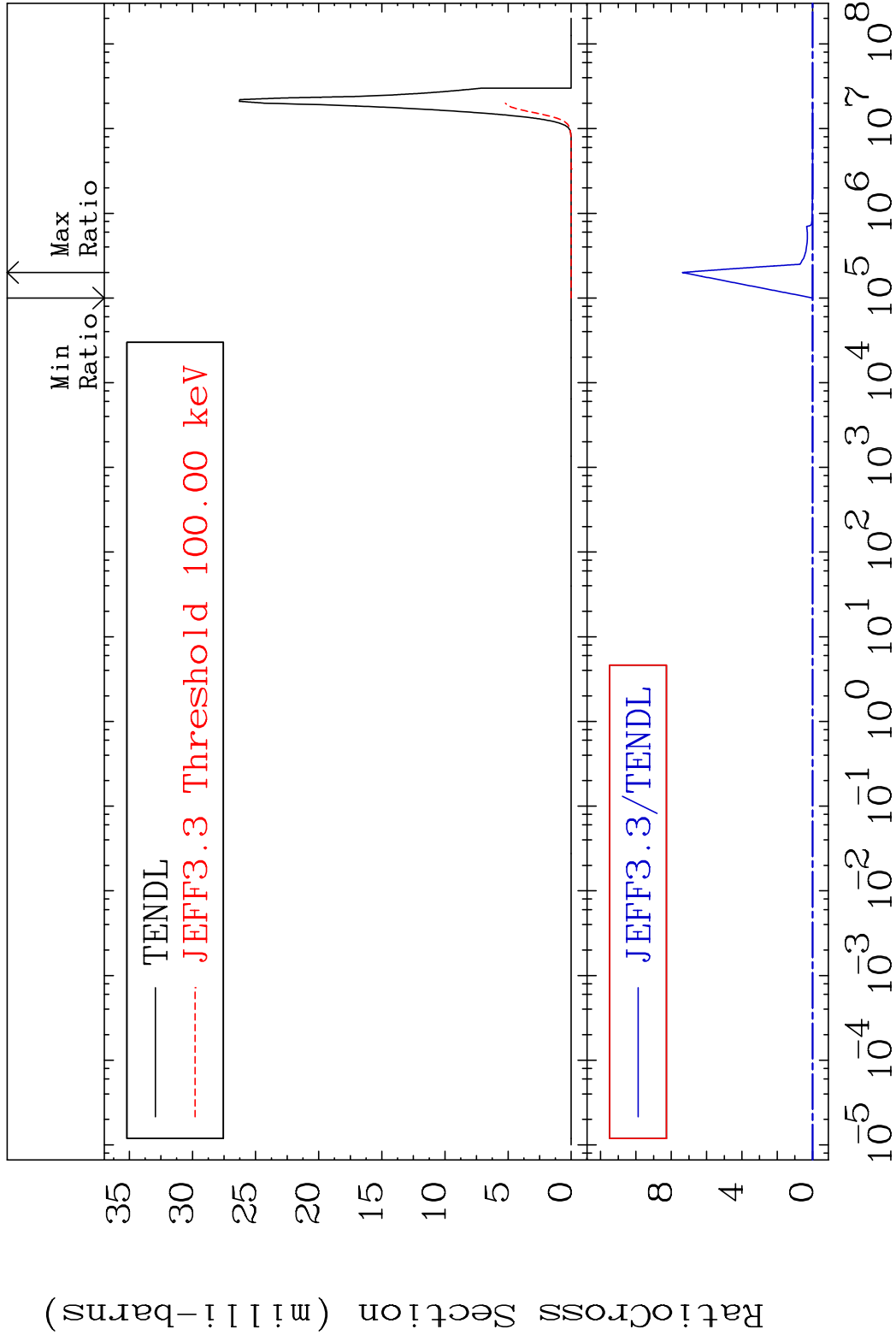
56-Ba-138

MAT 5649

(n, α)

56-Ba-138

Cross Section -100.0 To 9999. %



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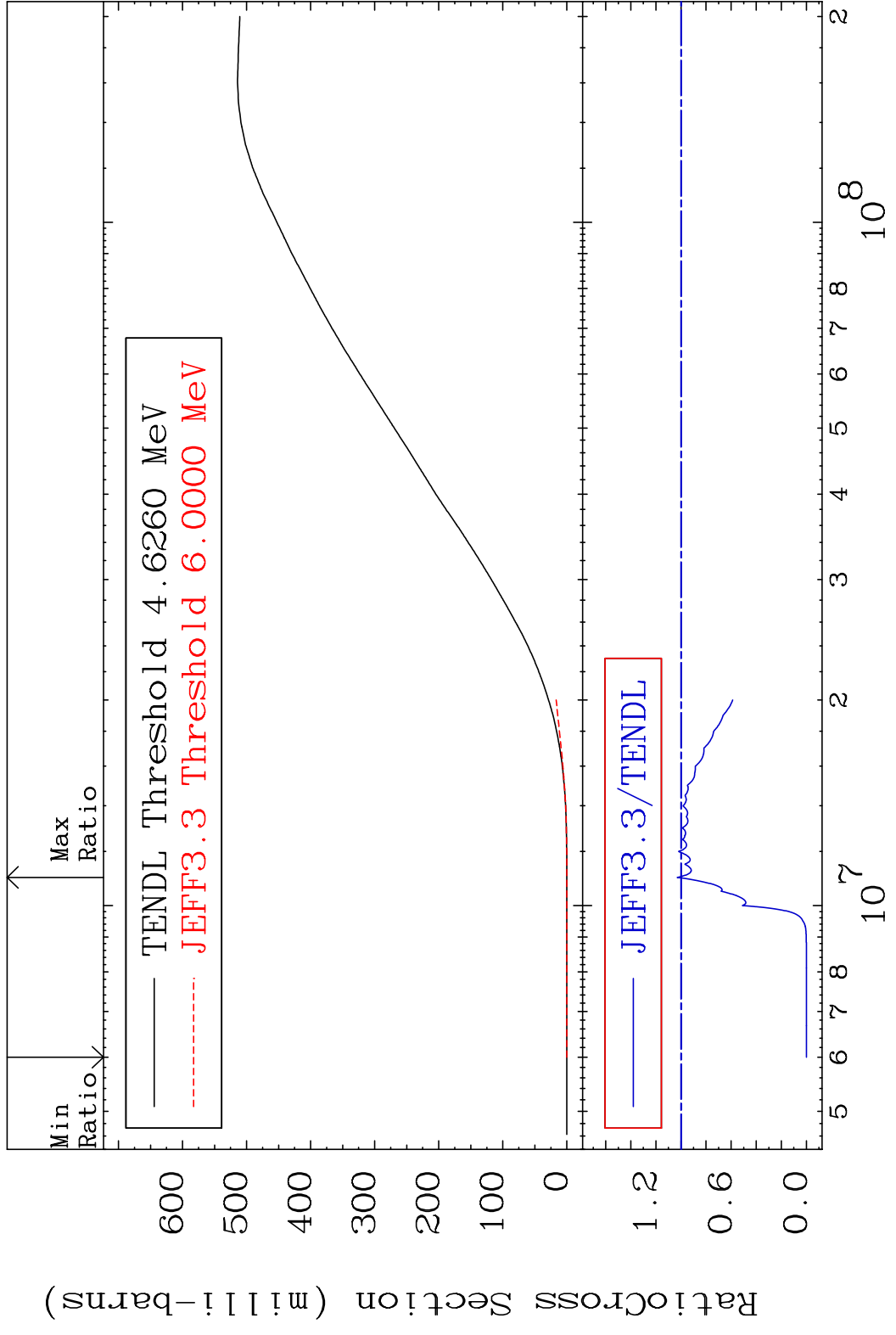
Incident Energy (eV)

56-Ba-138

MAT 5649

Hydrogen Production
Cross Section -100.0 To 3.029 %

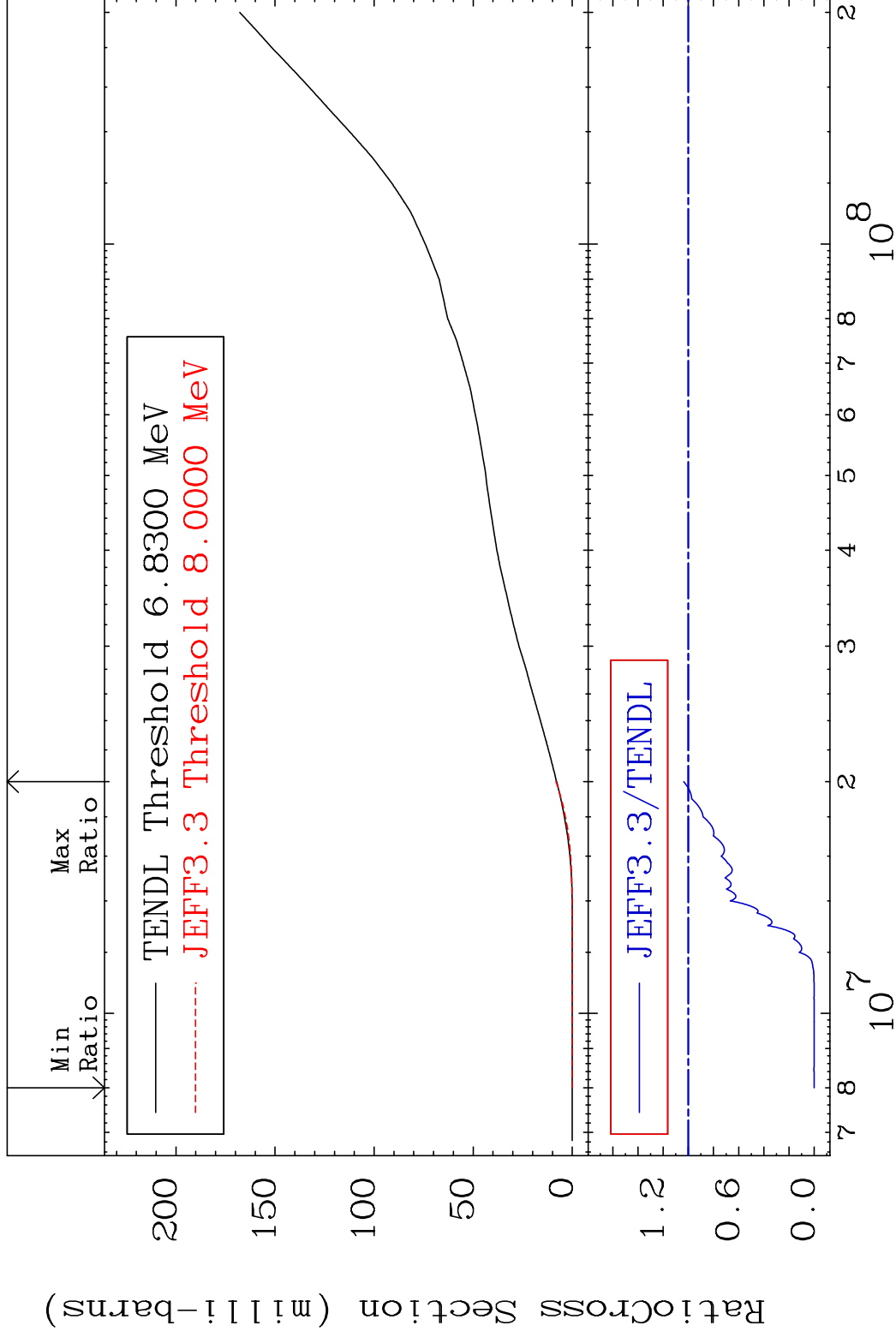
56-Ba-138



MAT 5649

Deuterium Production 56-Ba-138

Cross Section -100.0 To 3.738 %



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Incident Energy (eV)

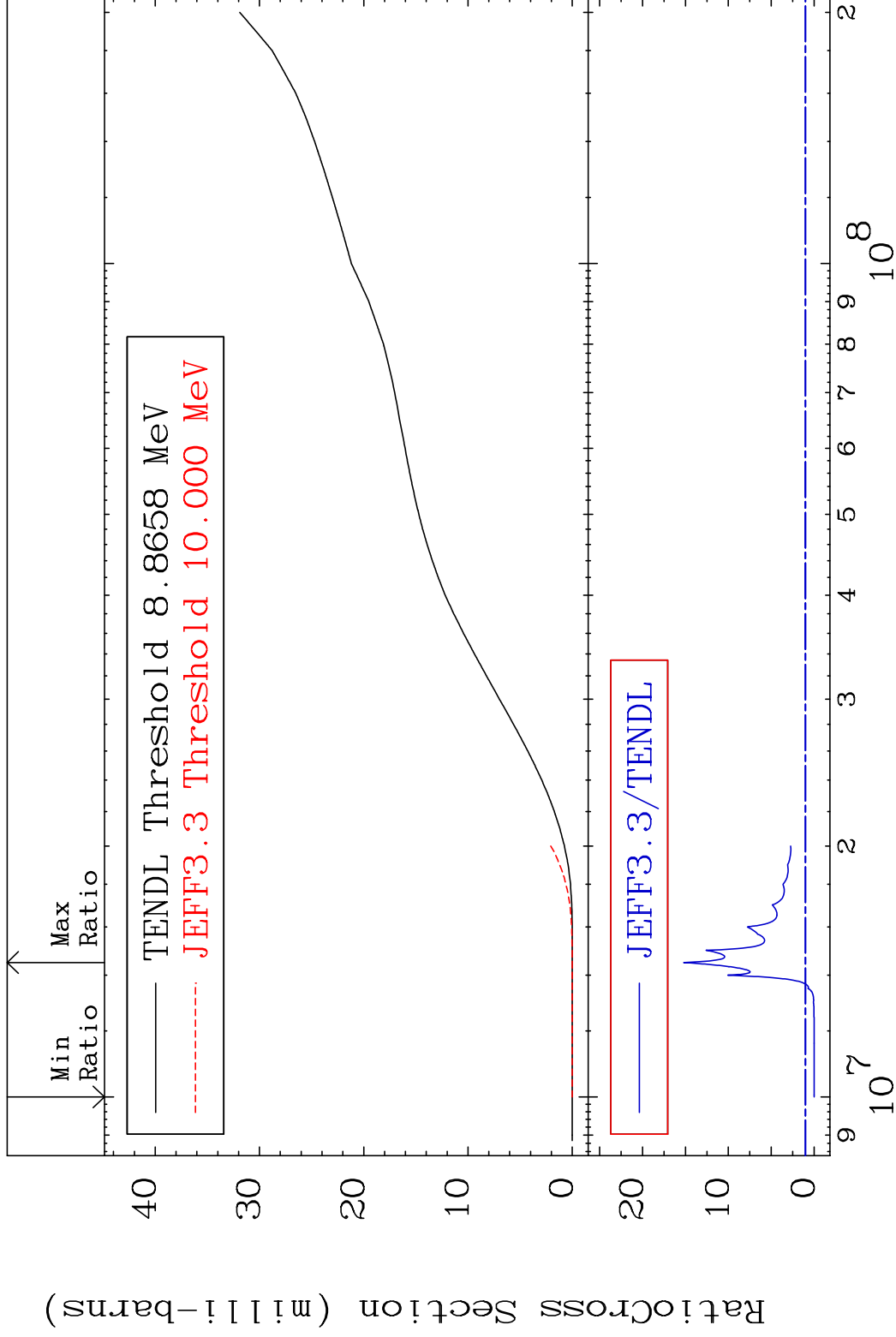
56-Ba-138

MAT 5649

Tritium Production

56-Ba-138

Cross Section -100.0 To 1421. %



35

Incident Energy (eV)

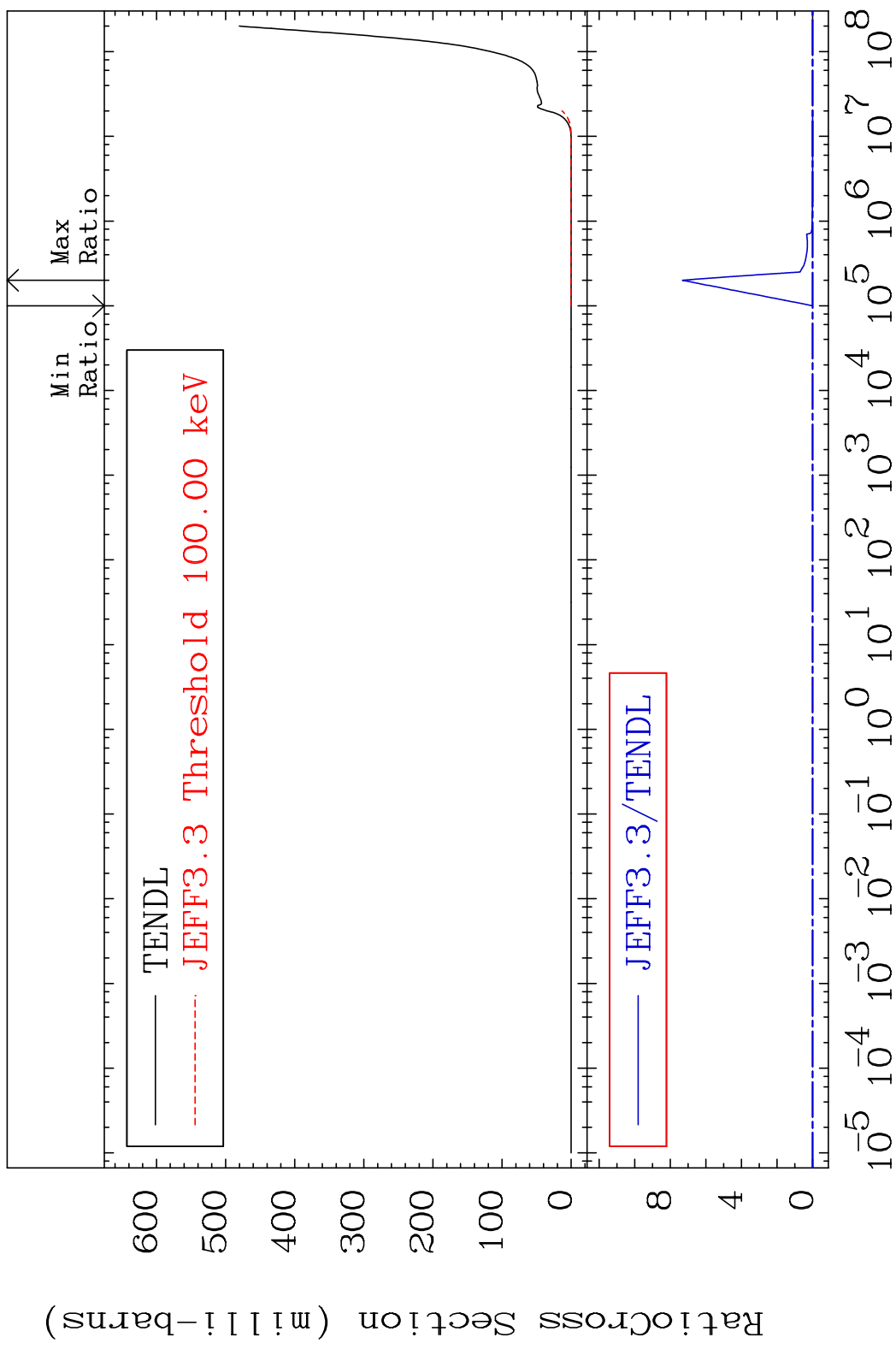
56-Ba-138

MAT 5649

He-4 Production

56-Ba-138

Cross Section -100.0 To 9999. %

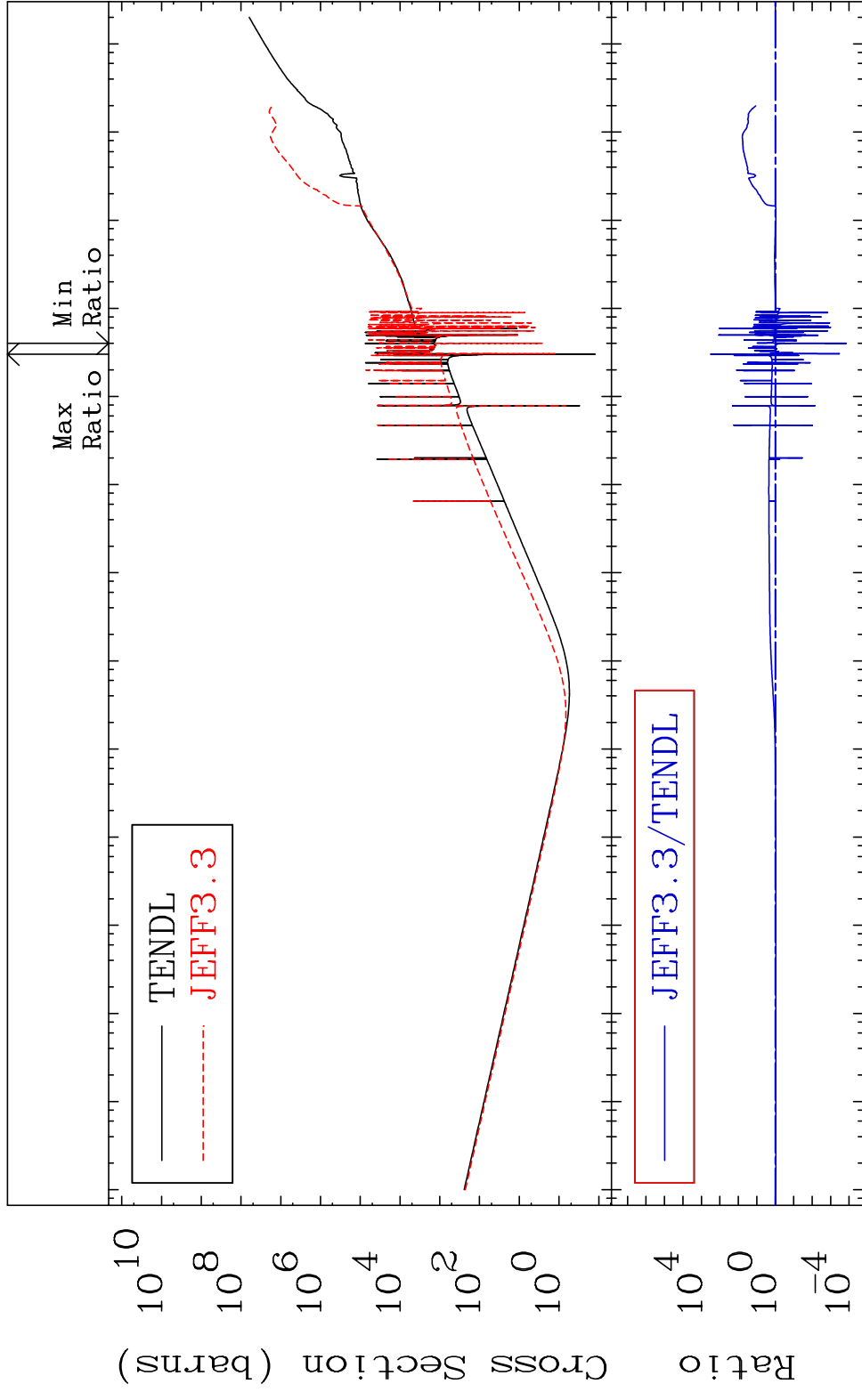


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Incident Energy (eV)

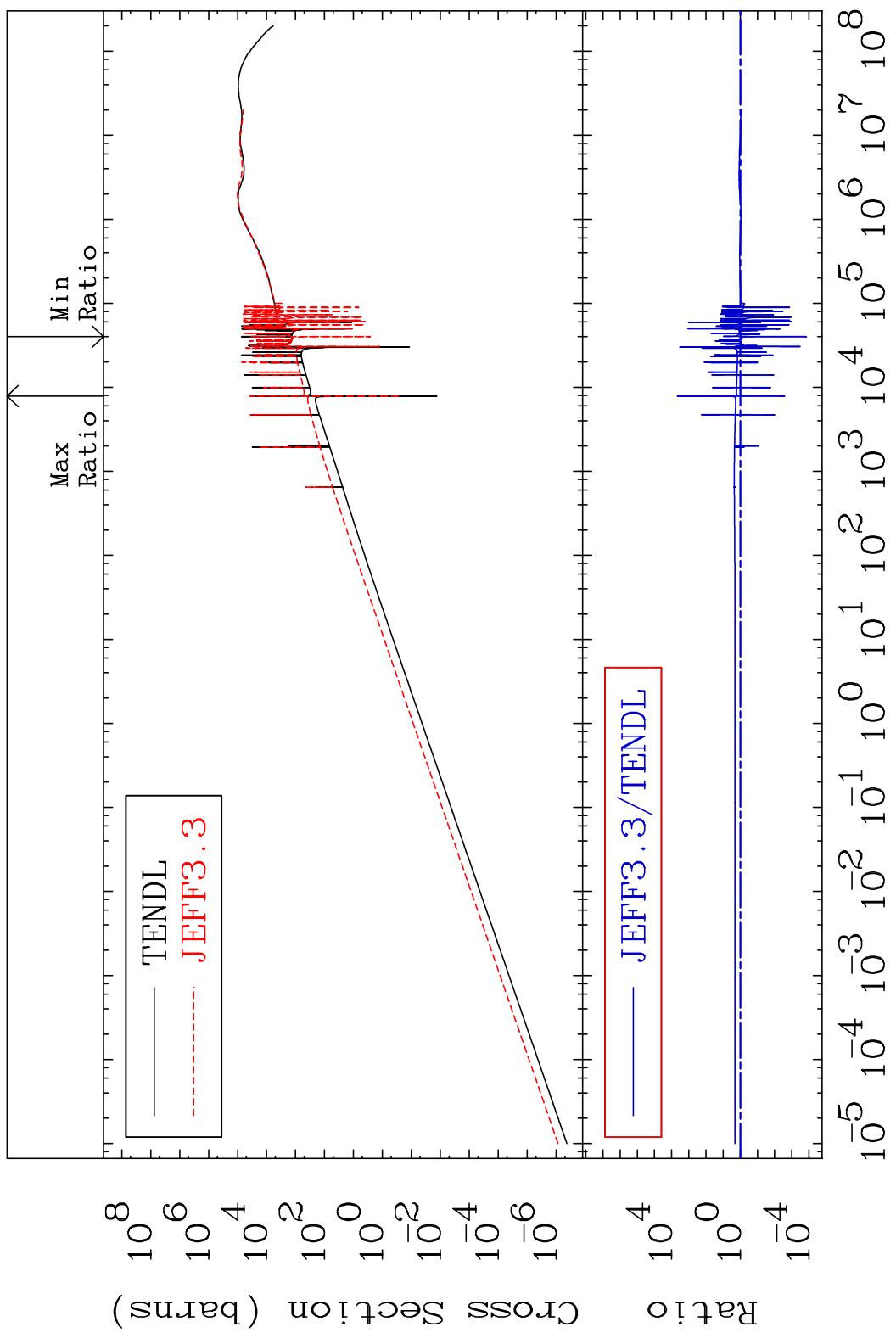
56-Ba-138

MAT 5649 Kerma total (eV-barns) 56-Ba-138
 Cross Section -99.99 To 9999. %



MAT 5649

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

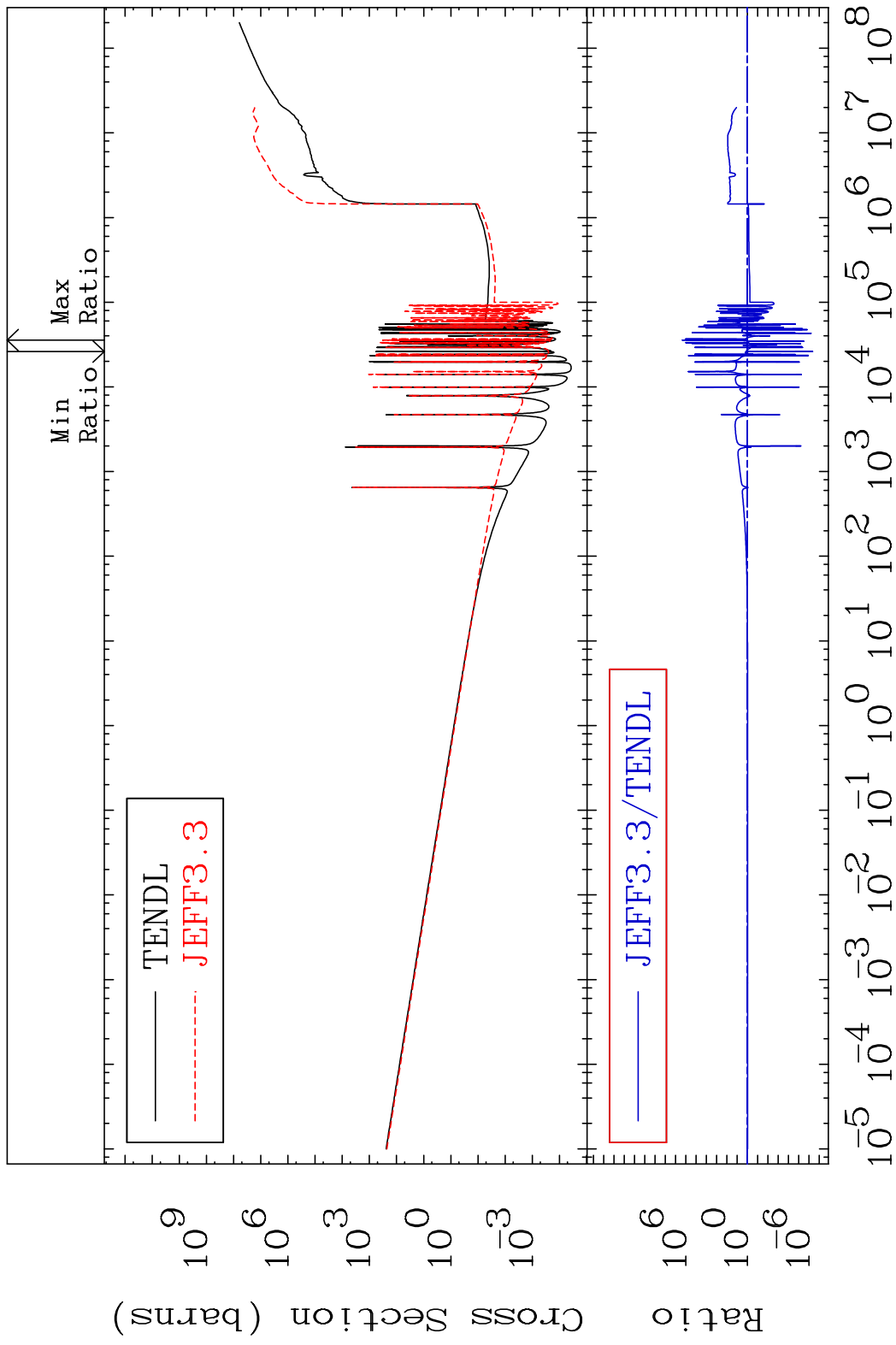


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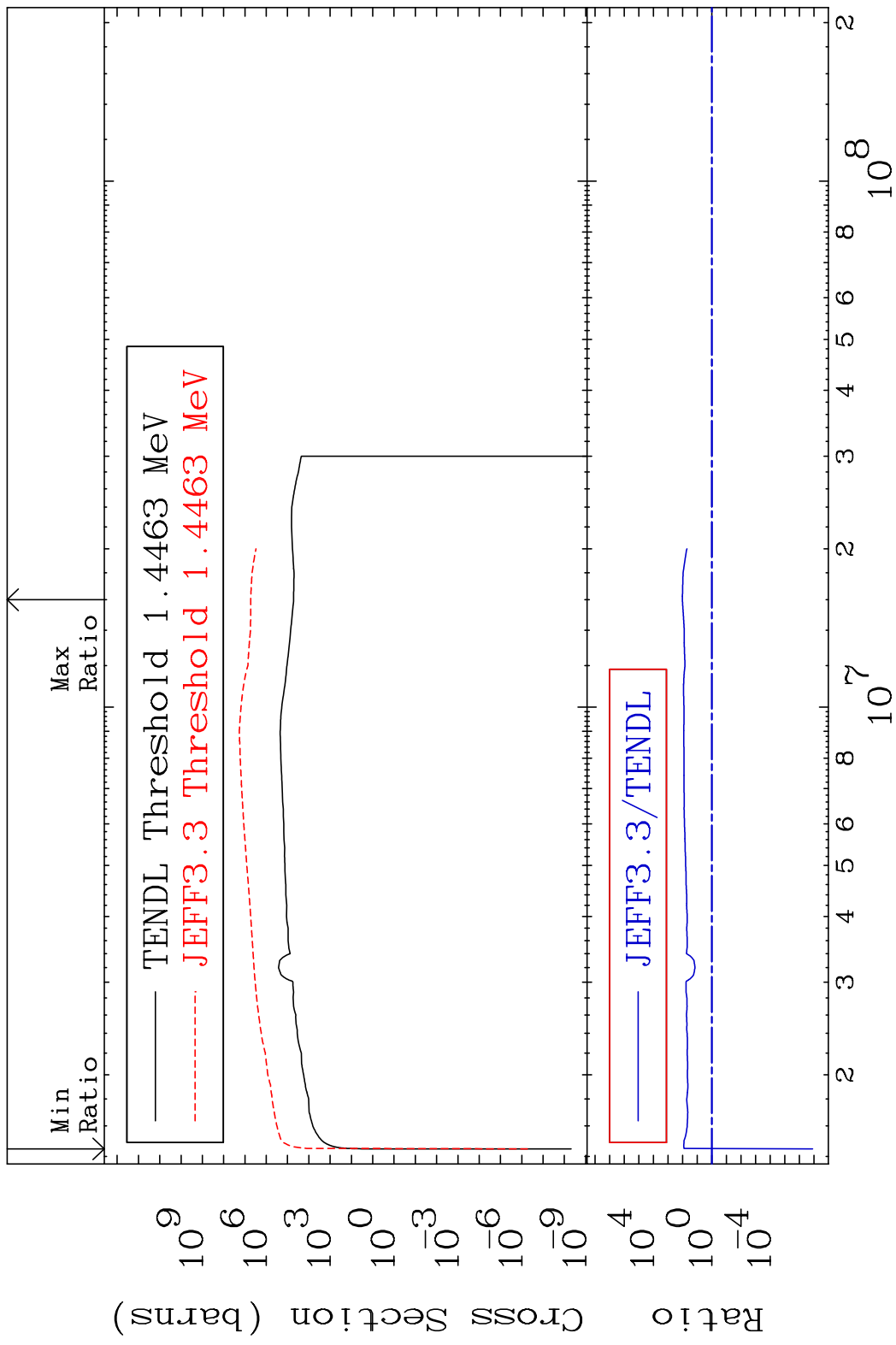
Incident Energy (eV)

56-Ba-138

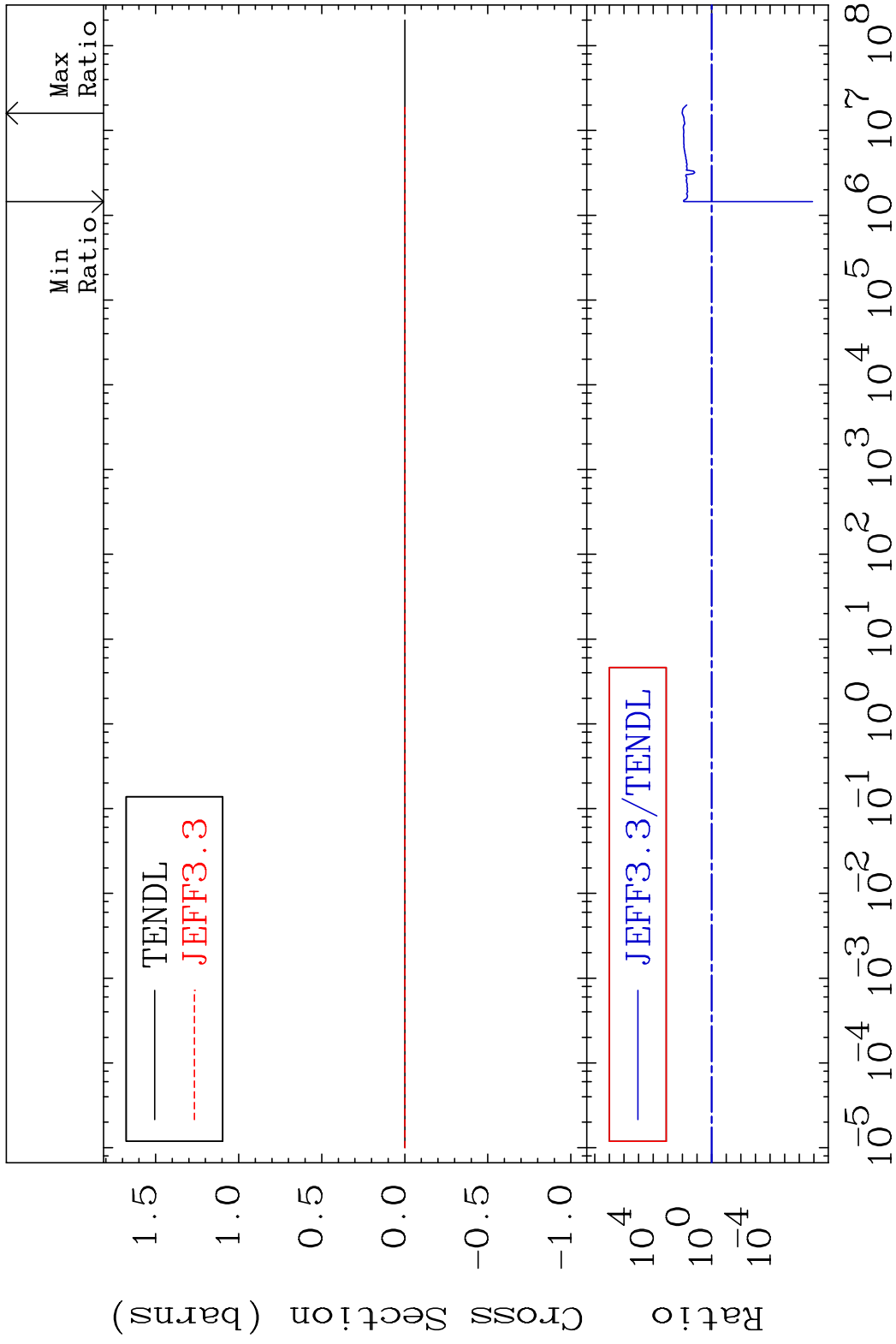
MAT 5649 Kerma non-elastic (all but mt2) 56-Ba-138
Cross Section -100.0 To 9999. %



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. %

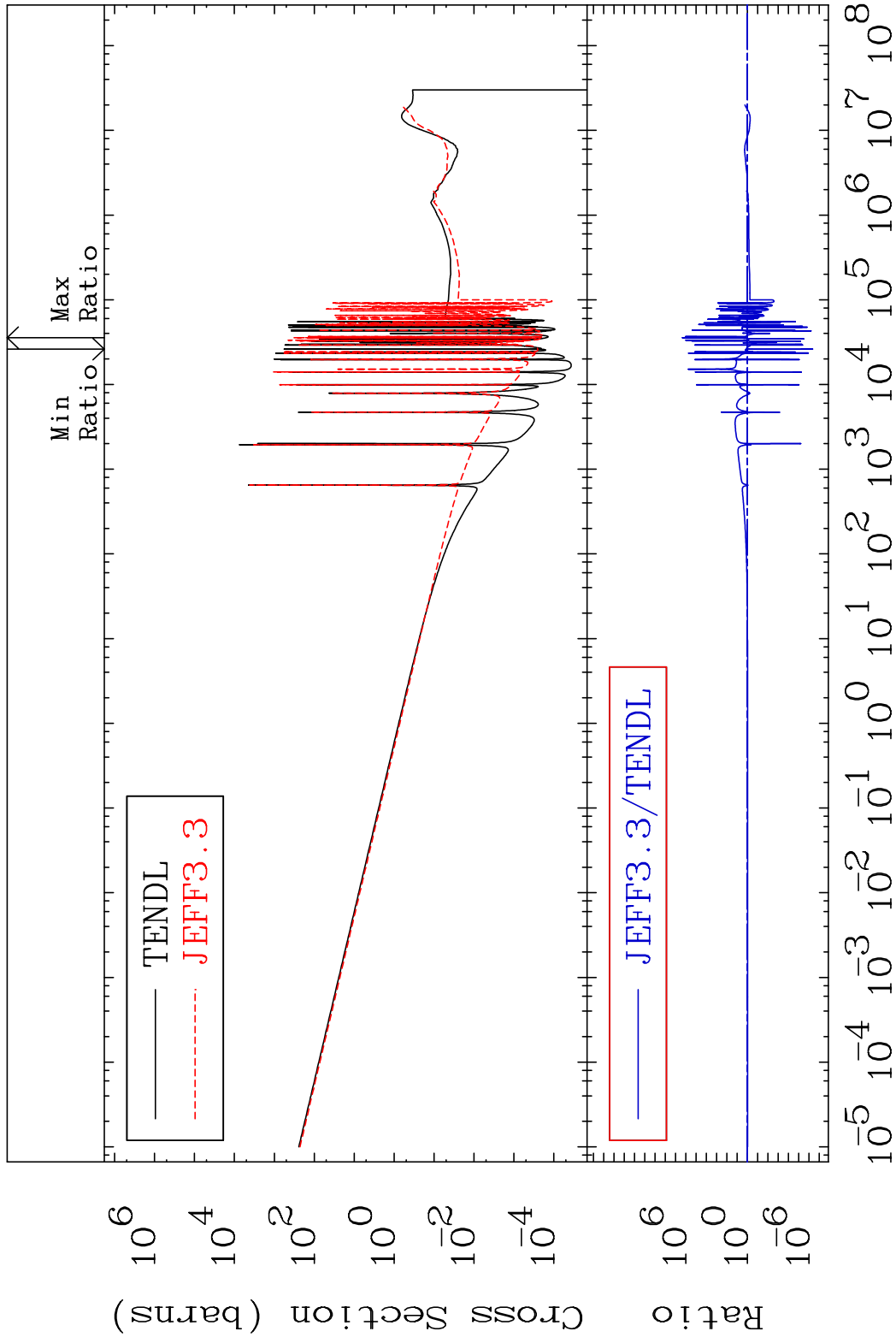


MAT 5649

Kerma capture (mt102)

56-Ba-138

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

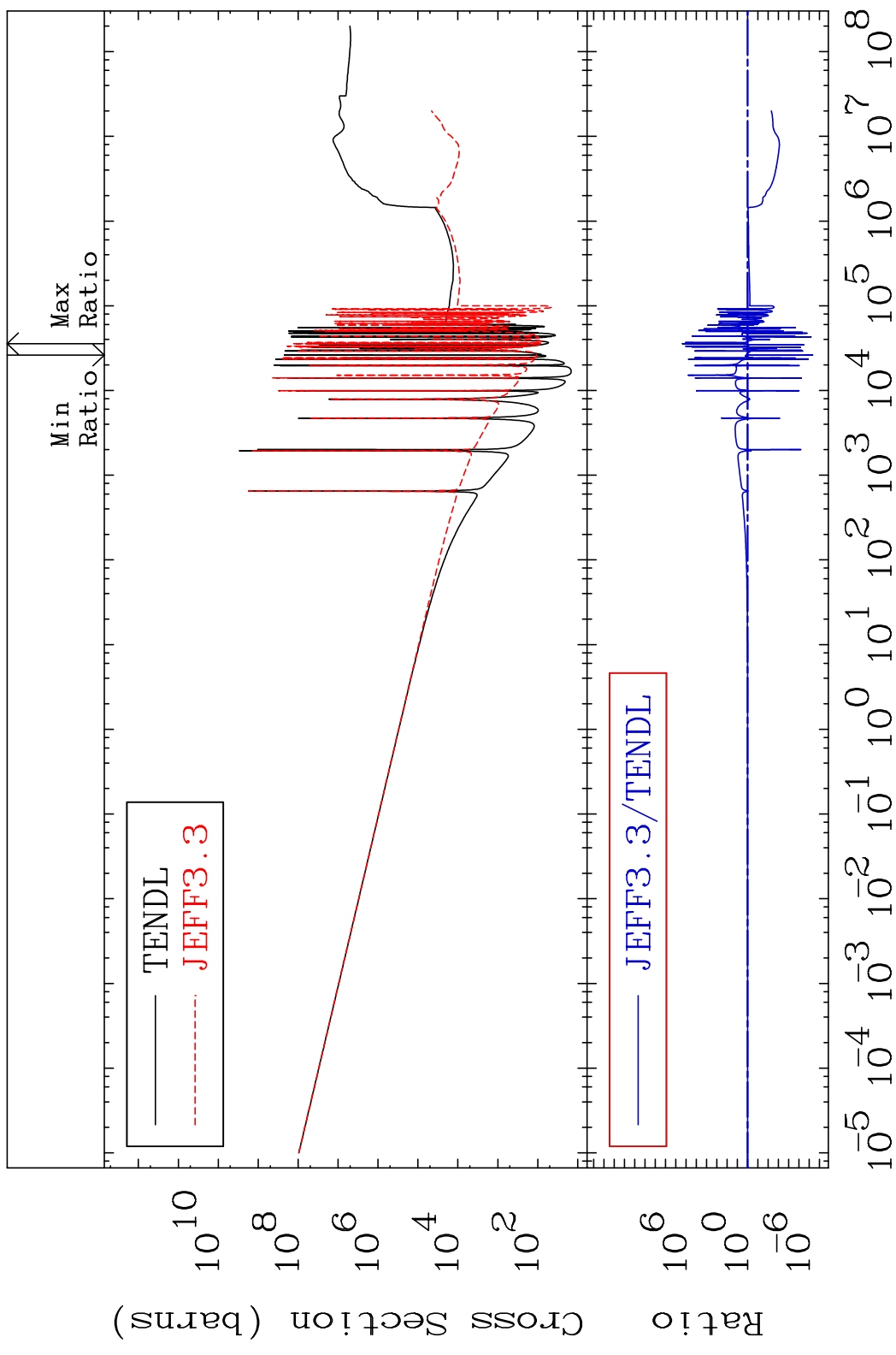
56-Ba-138

MAT 5649

Total photon (eV-barns)

56-Ba-138

Cross Section -100.0 To 9999. %

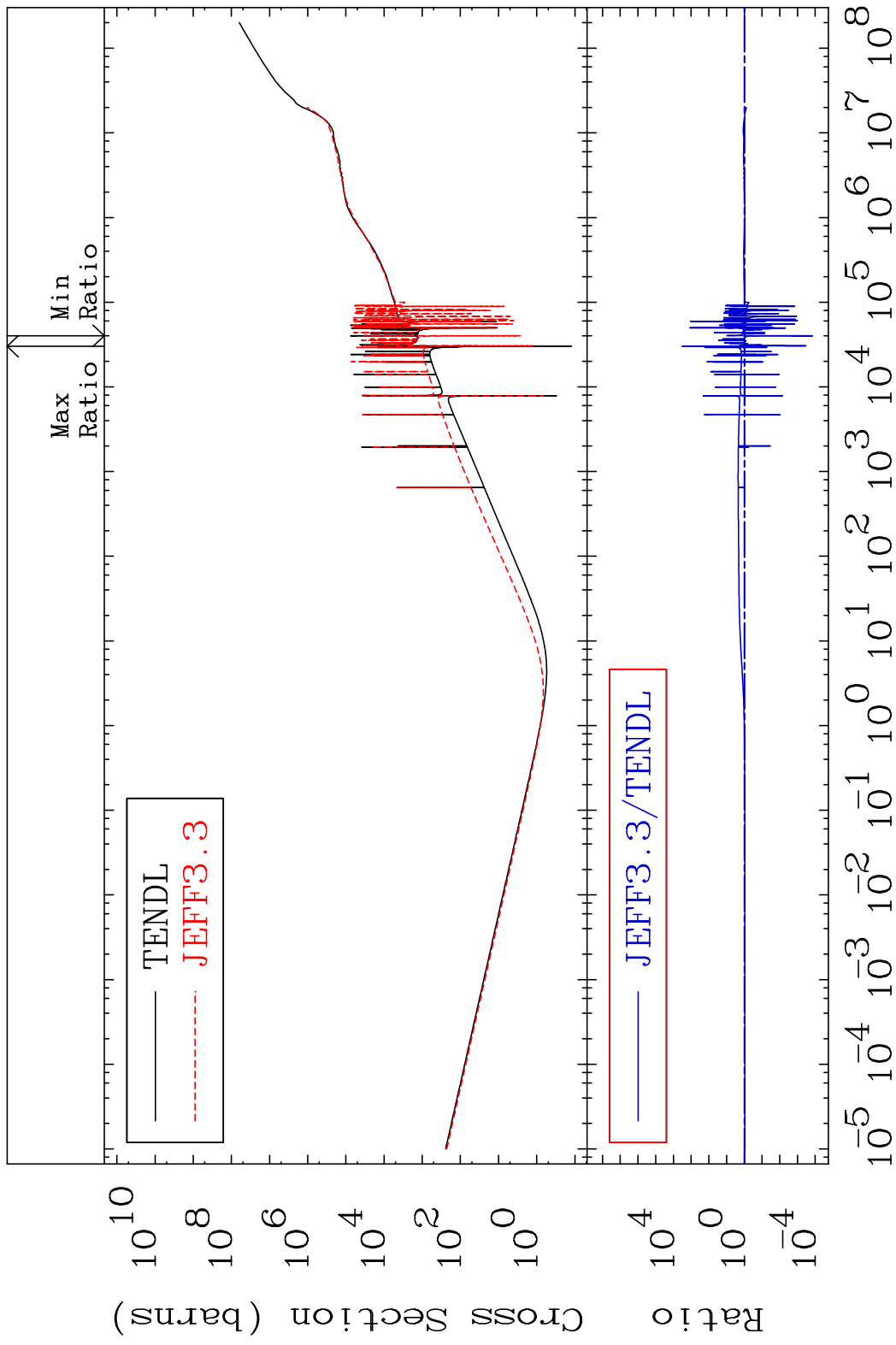


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Incident Energy (eV)

56-Ba-138

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

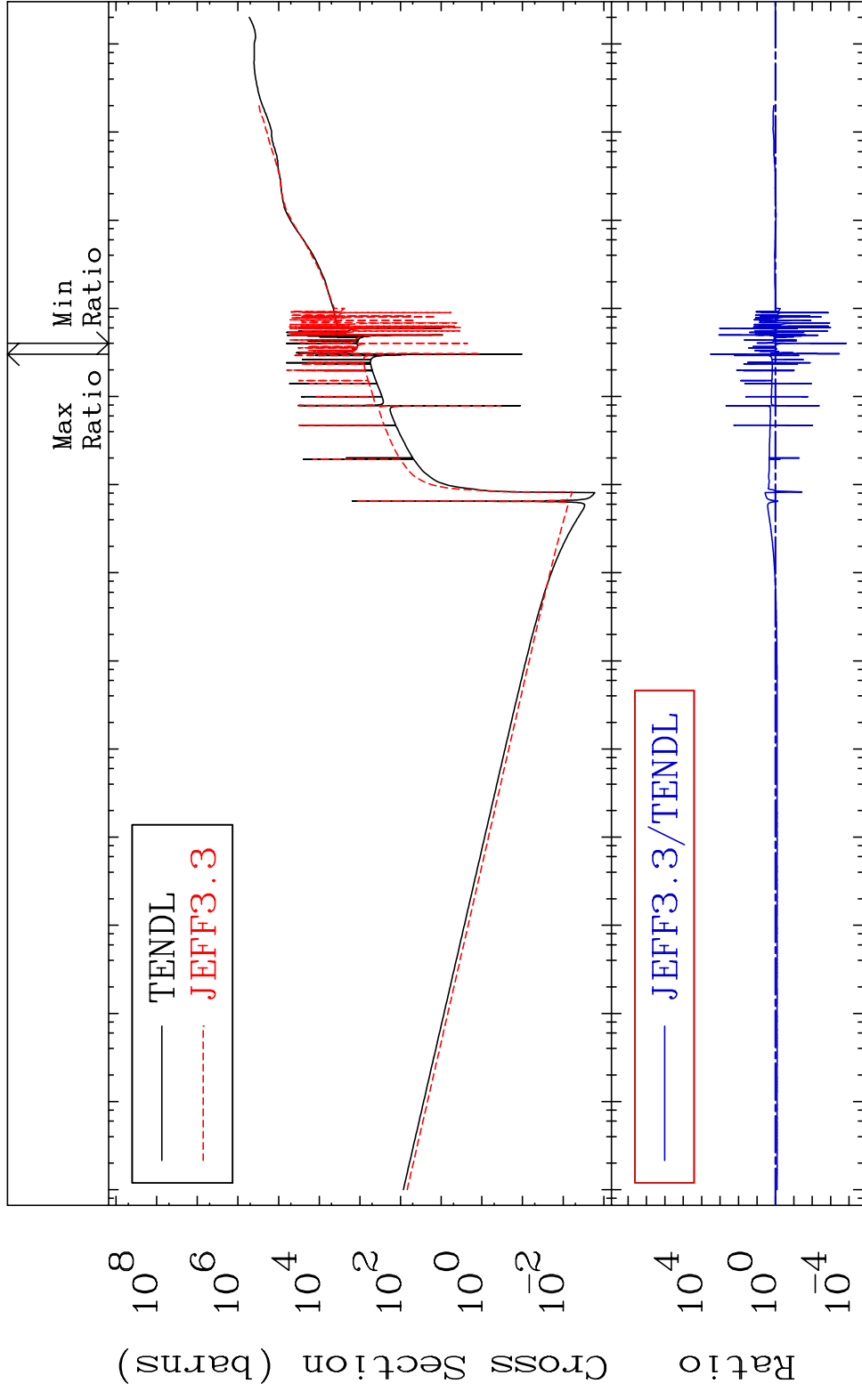


MAT 5649

Dpa total (eV-barns)

56-Ba-138

Cross Section -99.99 To 9999. %



45

Incident Energy (eV)

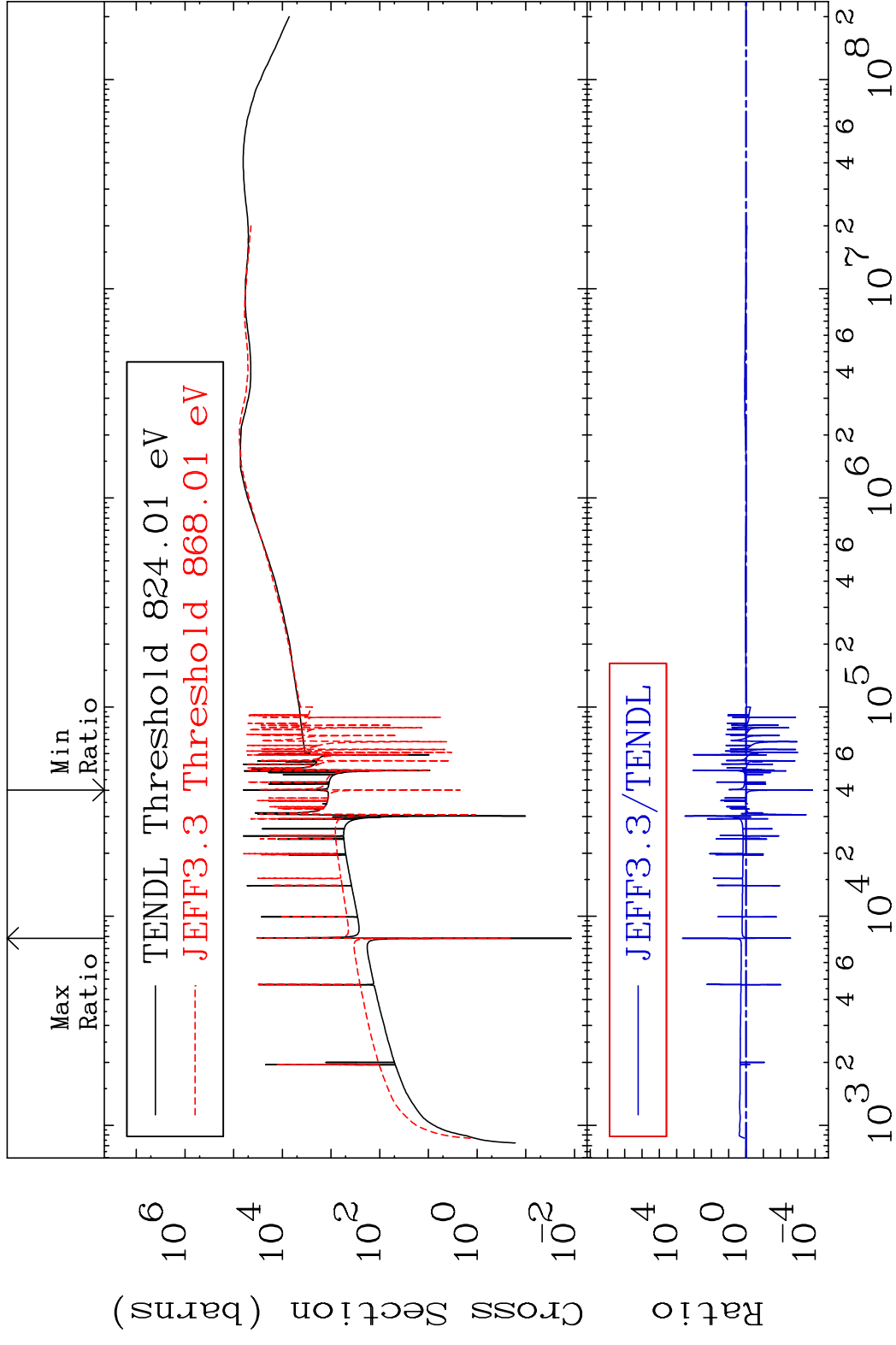
56-Ba-138

MAT 5649

Dpa elastic (mt2)

56-Ba-138

Cross Section -99.99 To 9999. %

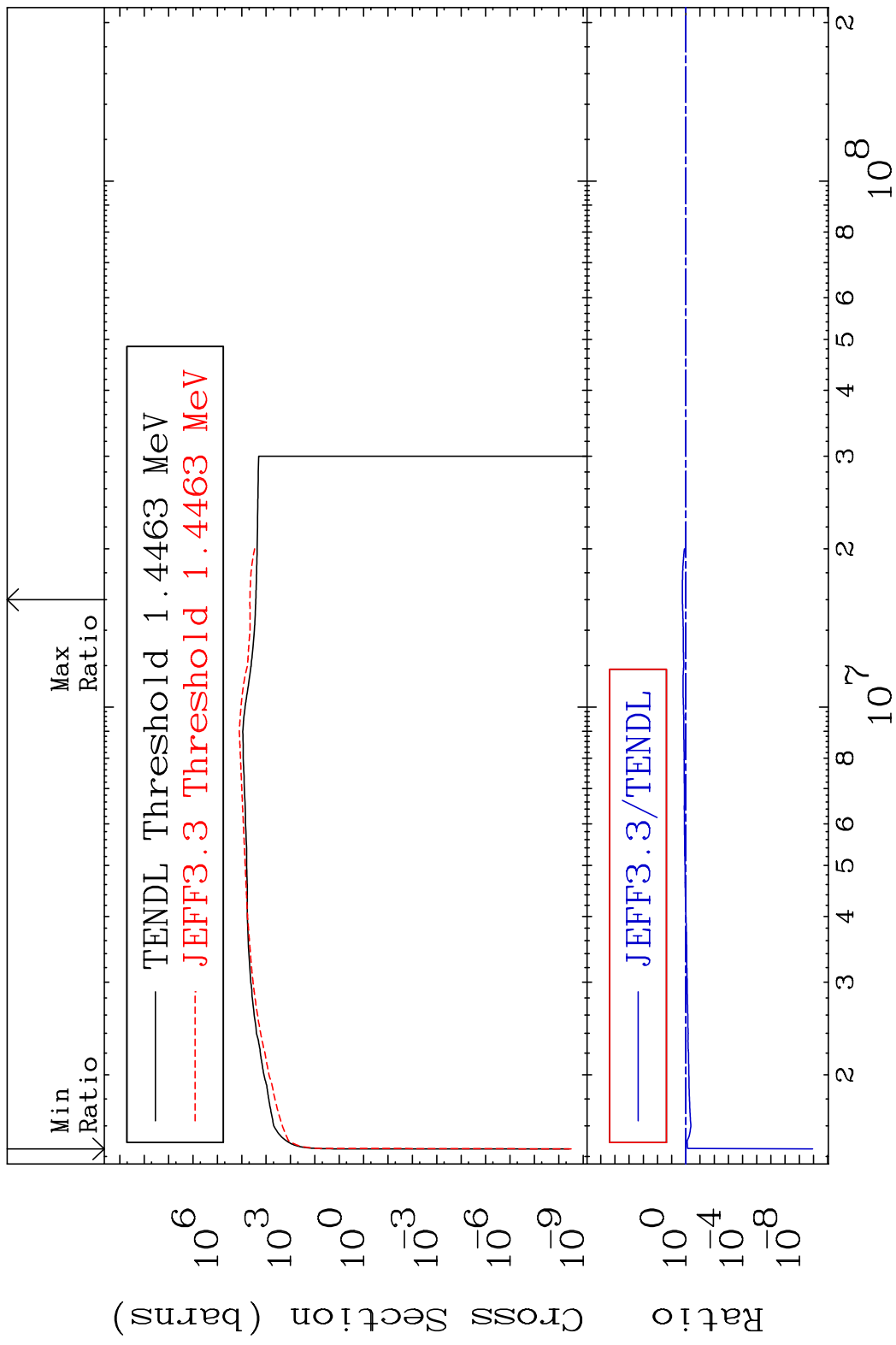


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Incident Energy (eV)

56-Ba-138

MAT 5649 Dpa inelastic (mt51-91) 56-Ba-138
 Cross Section -100.0 To 76.11 %



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

