

Program Complot
(Version 2021-1)

by

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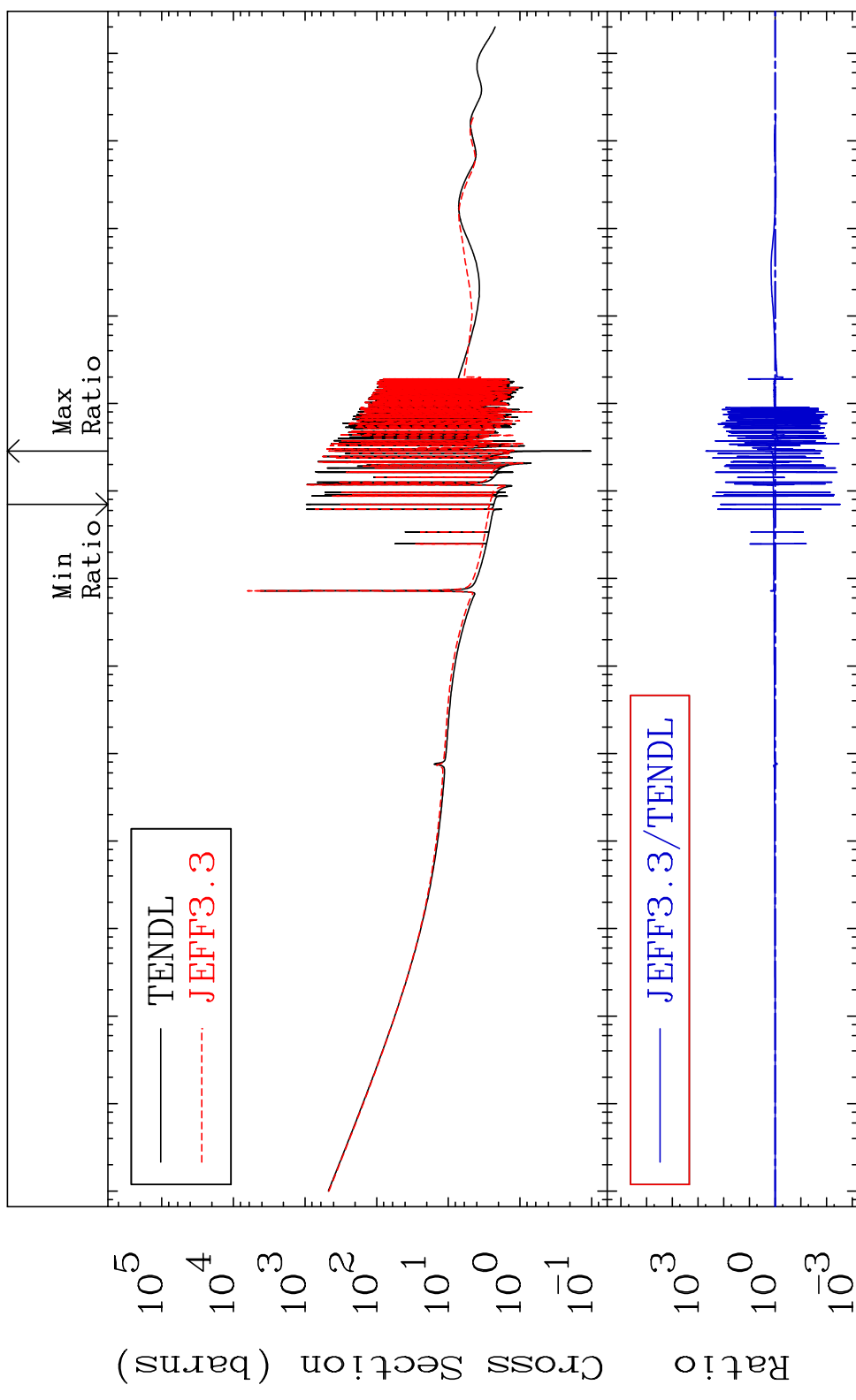
Press Mouse Button to Start

MAT 5728

Total

57-La-139

Cross Section -99.71 To 9999. %



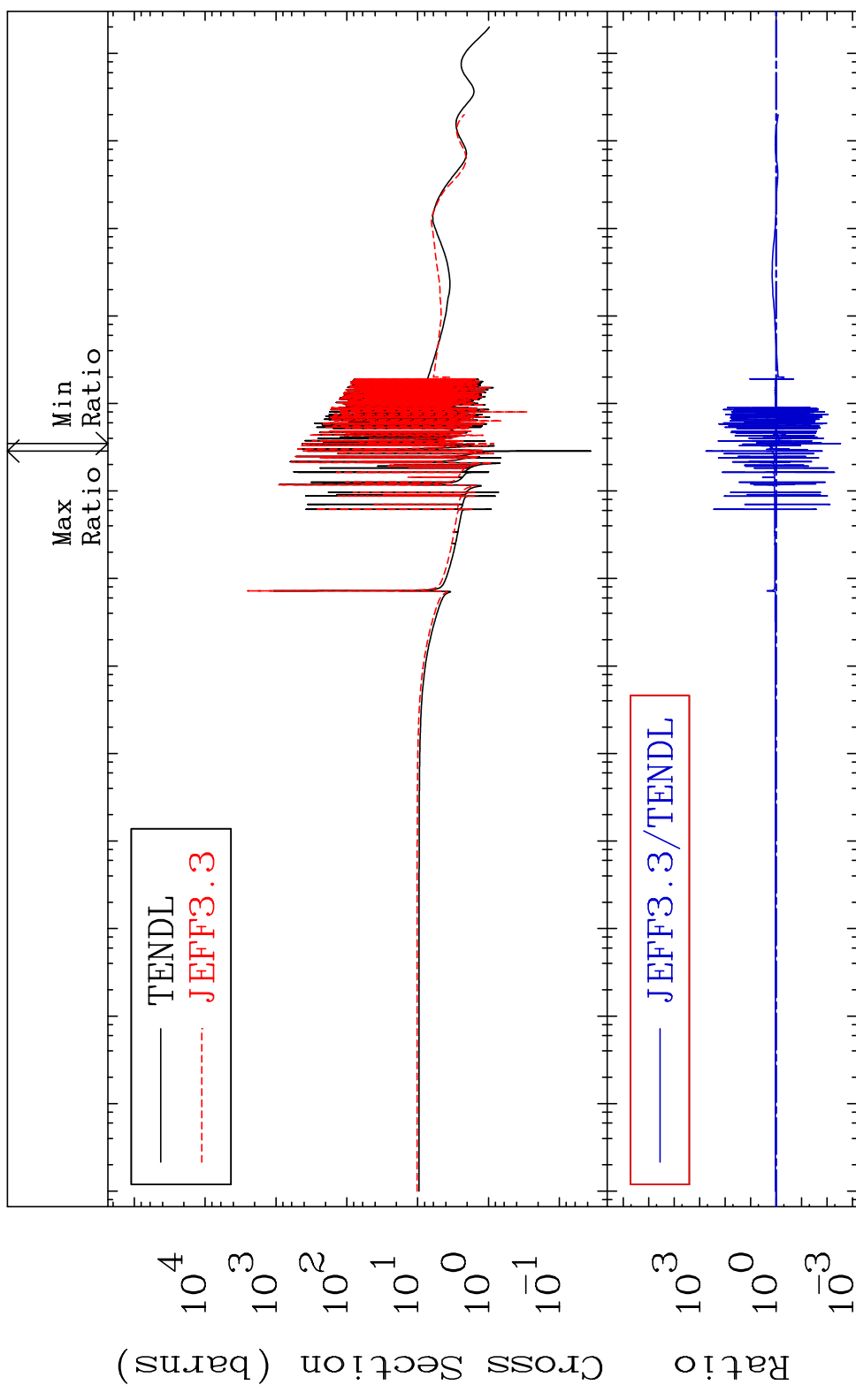
1

Incident Energy (eV)

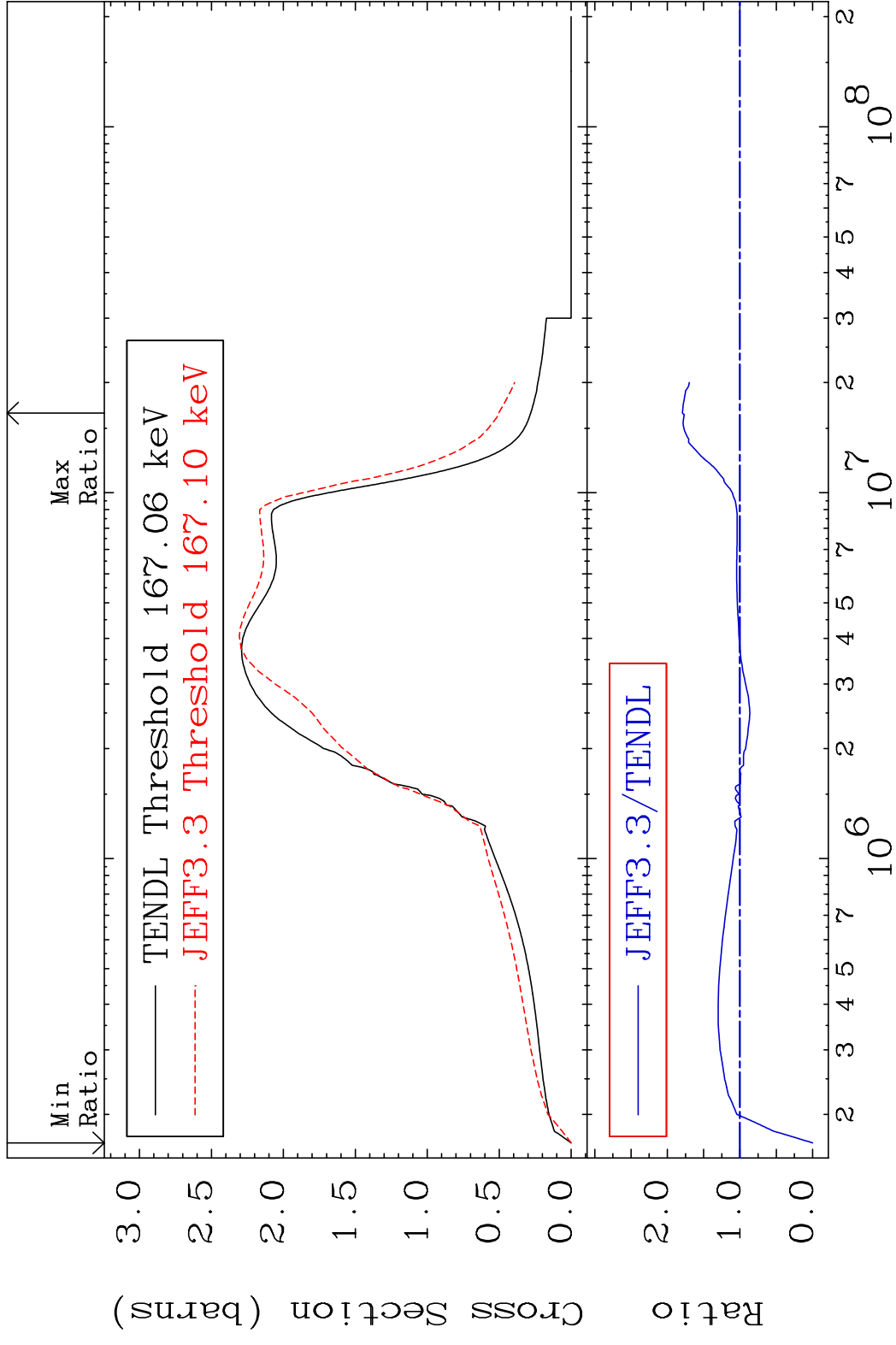
57-La-139

MAT 5728

Elastic Cross Section -99.70 To 9999. %
57-La-139



MAT 5728 Inelastic 57-La-139
 Cross Section -100.0 To 79.30 %

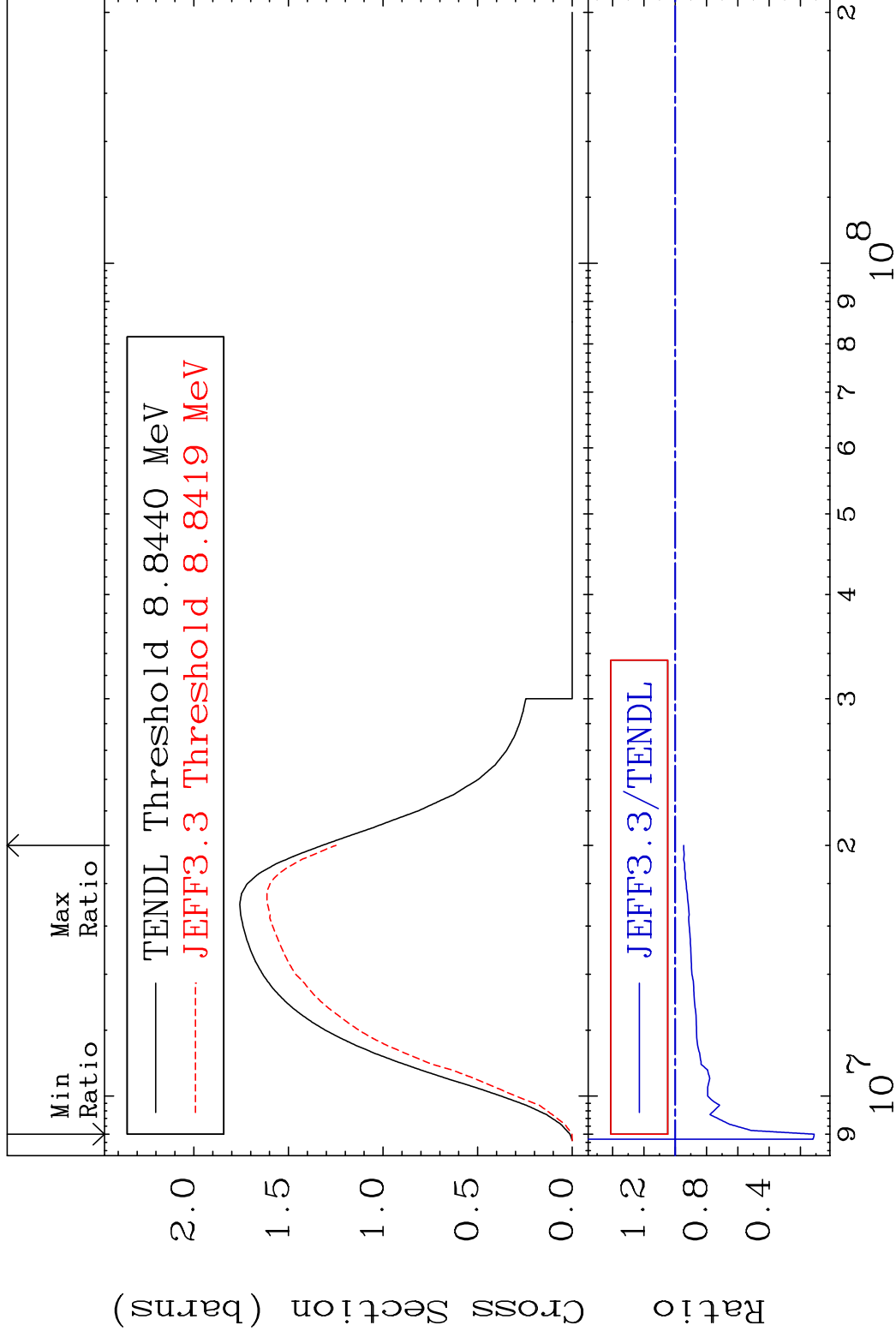


MAT 5728

(n,2n)

57-La-139

Cross Section -88.78 To -5.398%



4

Incident Energy (eV)

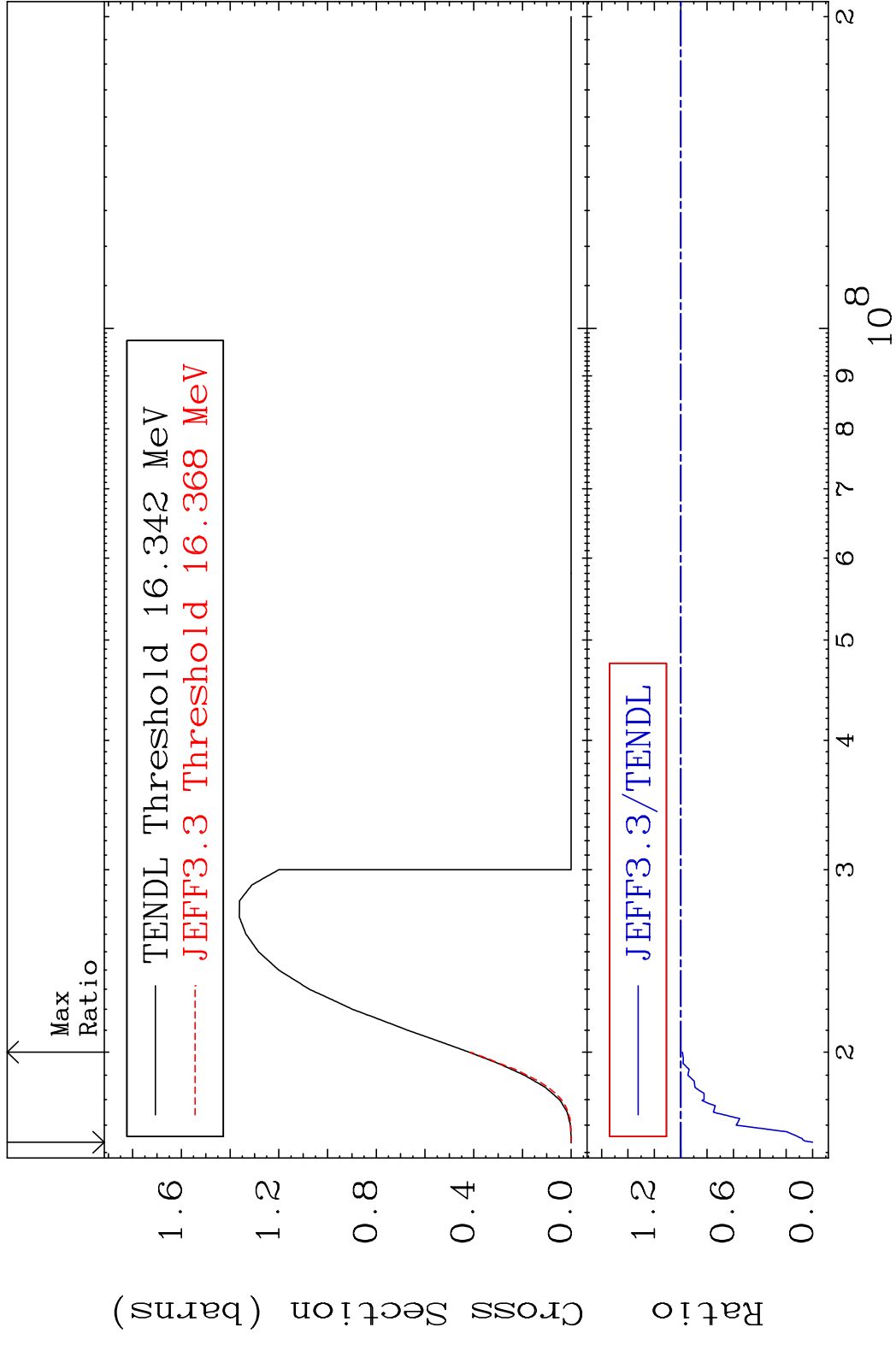
57-La-139

MAT 5728

(n,3n)

57-La-139

Cross Section -100.0 To -1.253%



5

Incident Energy (eV)

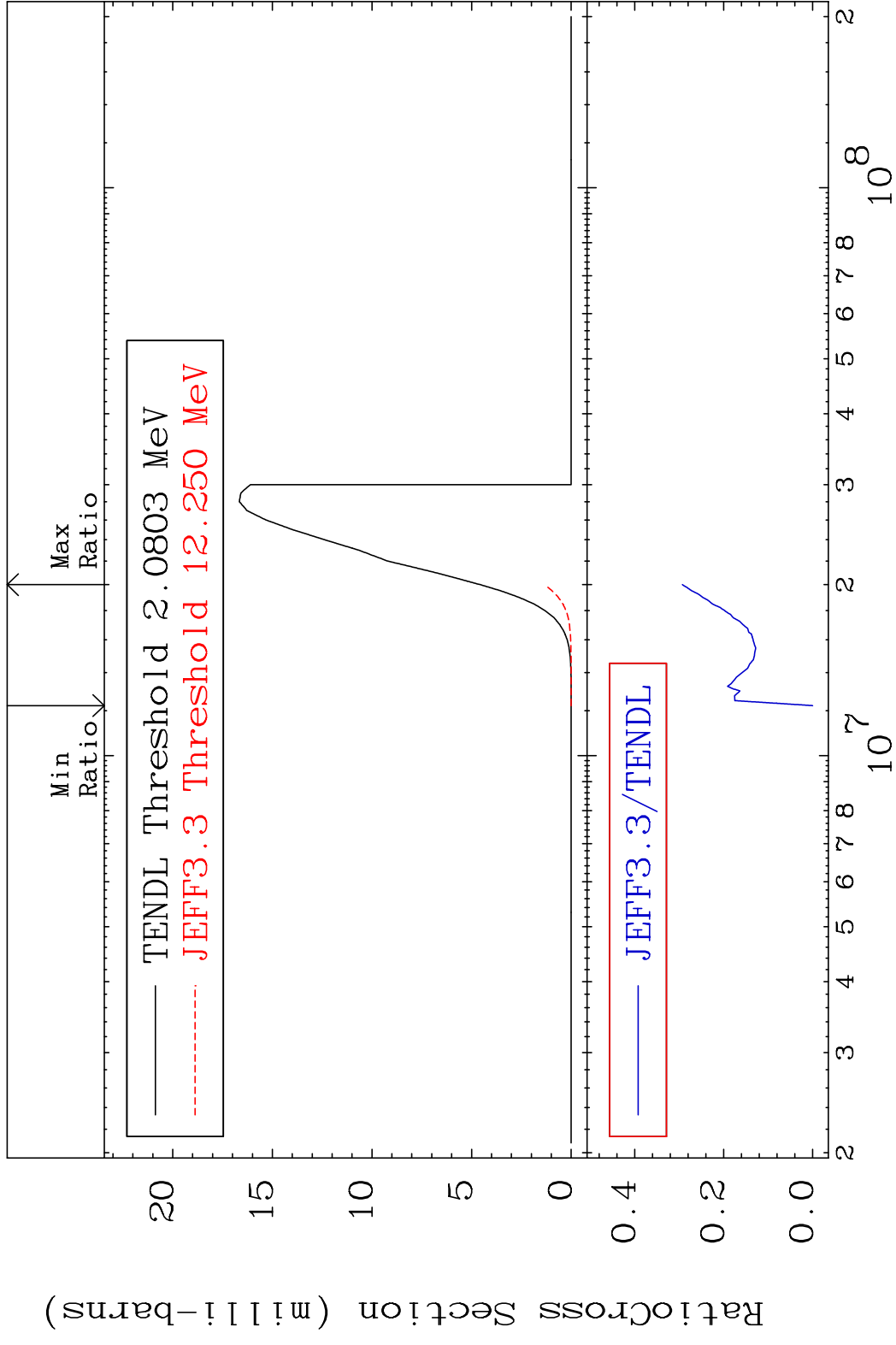
57-La-139

MAT 5728

(n, n') α

57-La-139

Cross Section -100.0 To -70.73%



6

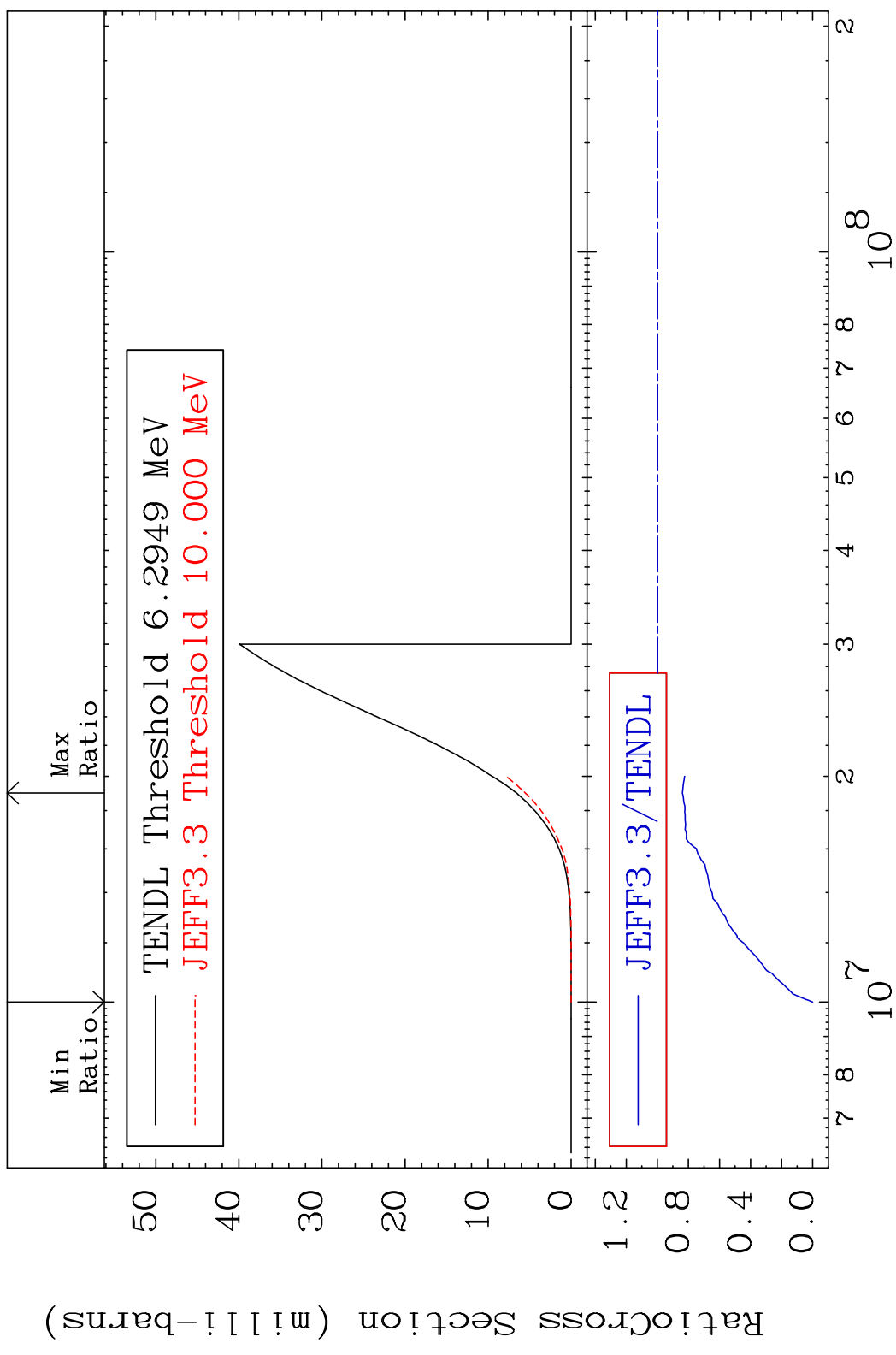
Incident Energy (eV)

57-La-139

MAT 5728

(n, n') p 57-La-139

Cross Section -100.0 To -16.09%

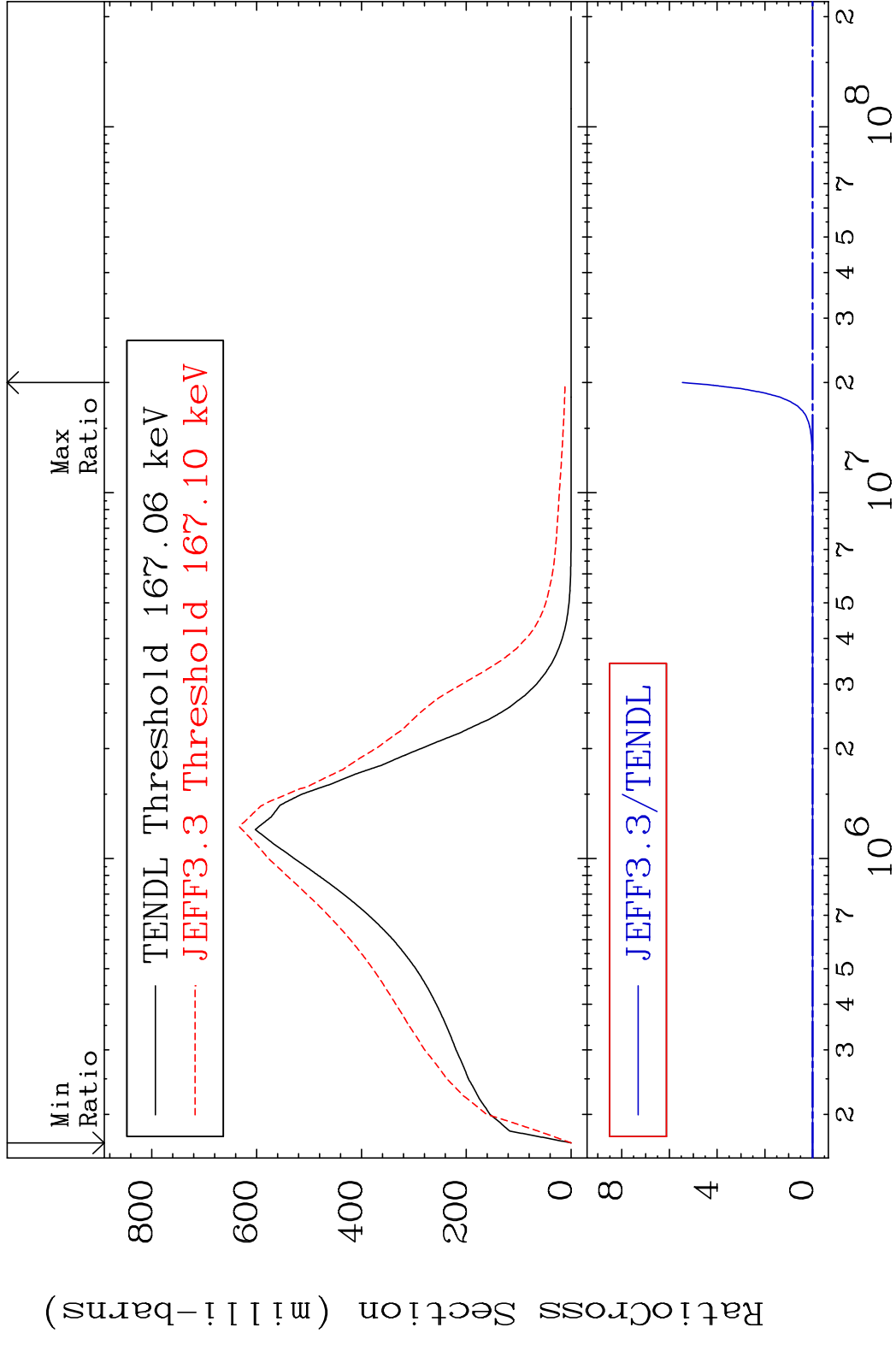


7

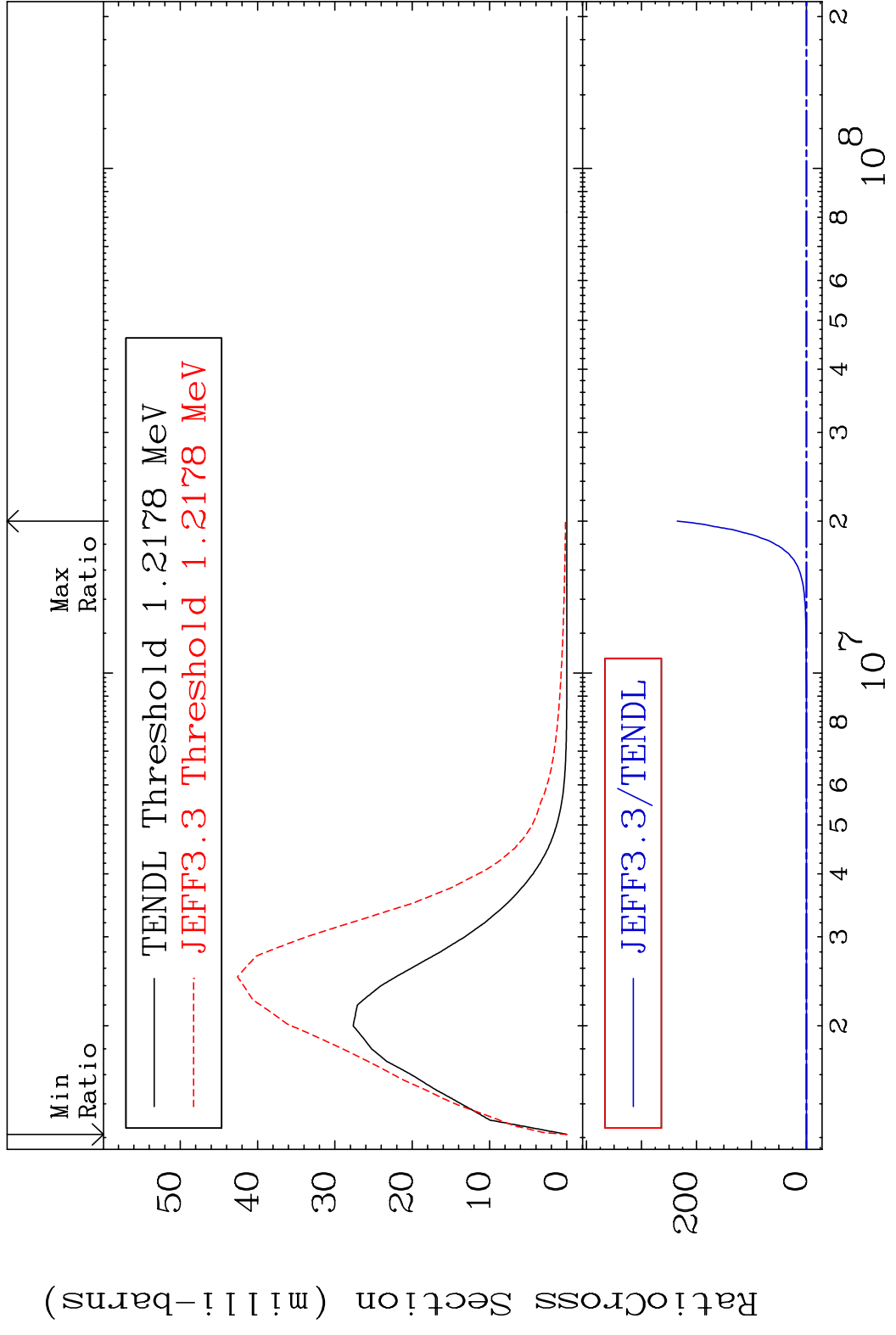
Incident Energy (eV)

57-La-139

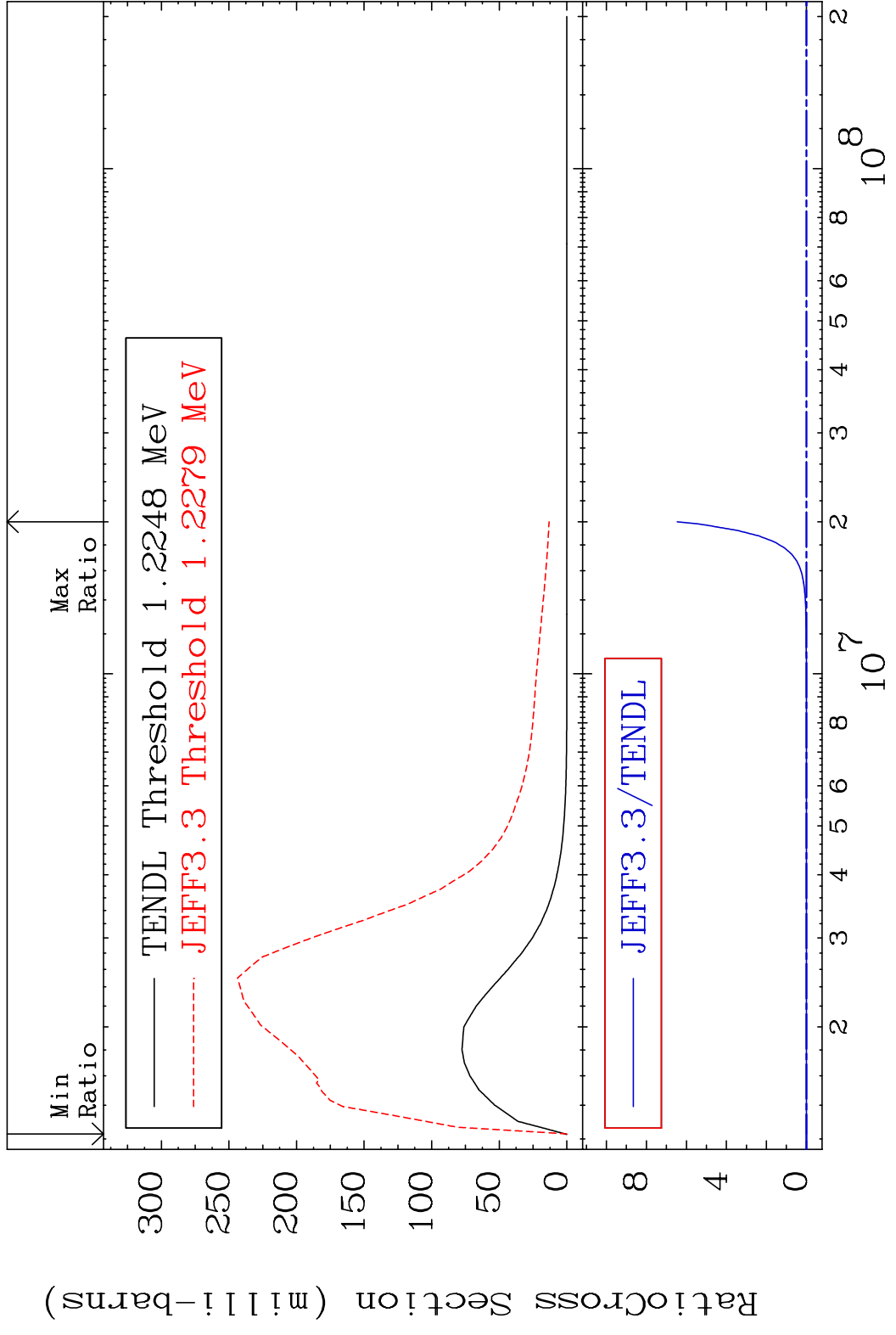
MAT 5728 MT= 51 (n, n') Level 57-La-139
 Cross Section -100.0 To 9999. %



MAT 5728 MT= 52 (n, n') Level 57-La-139
 Cross Section -100.0 To 9999. %

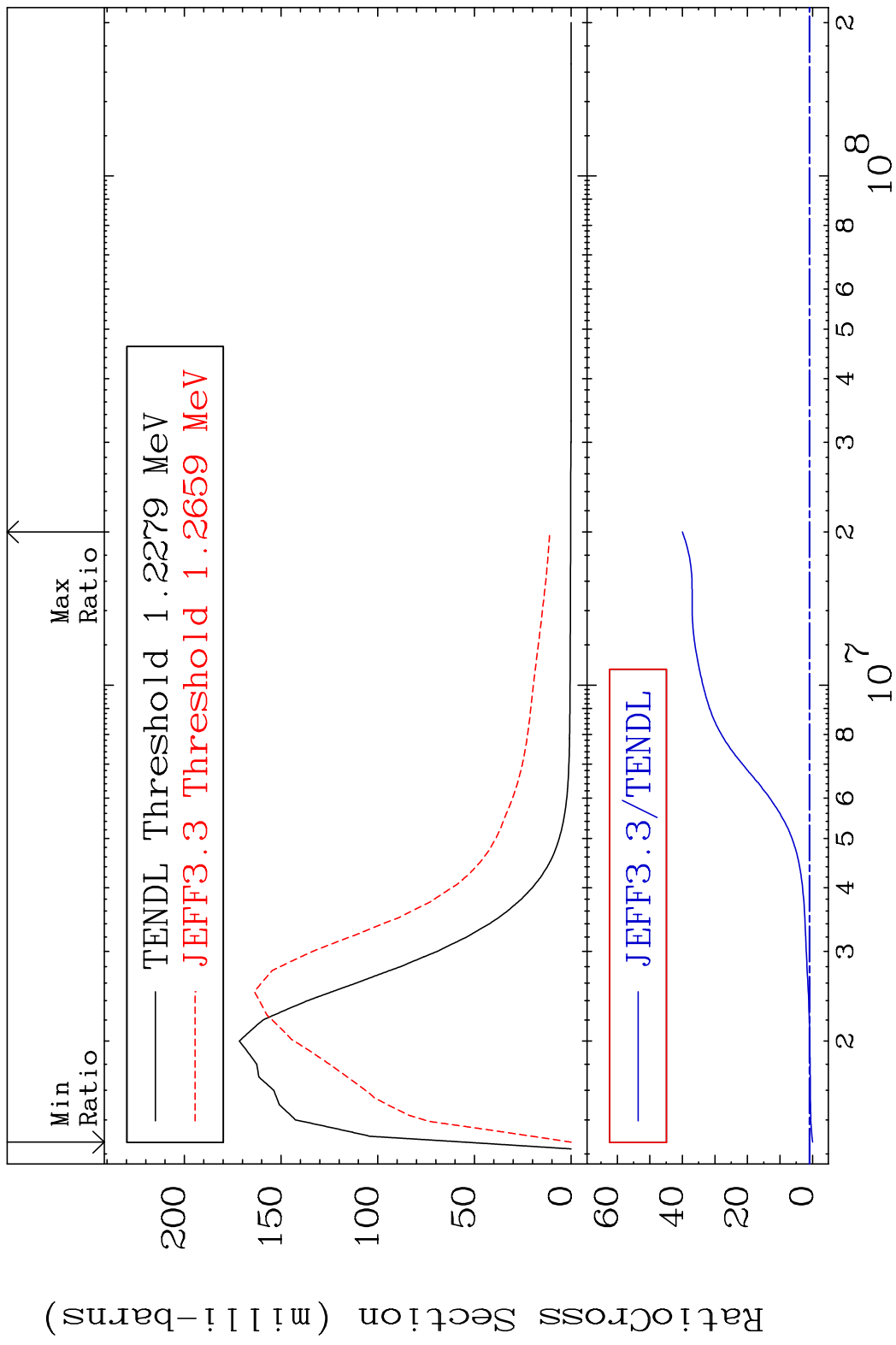


MAT 5728 MT= 53 (n, n') Level 57-La-139
 Cross Section -100.0 To 9999. %

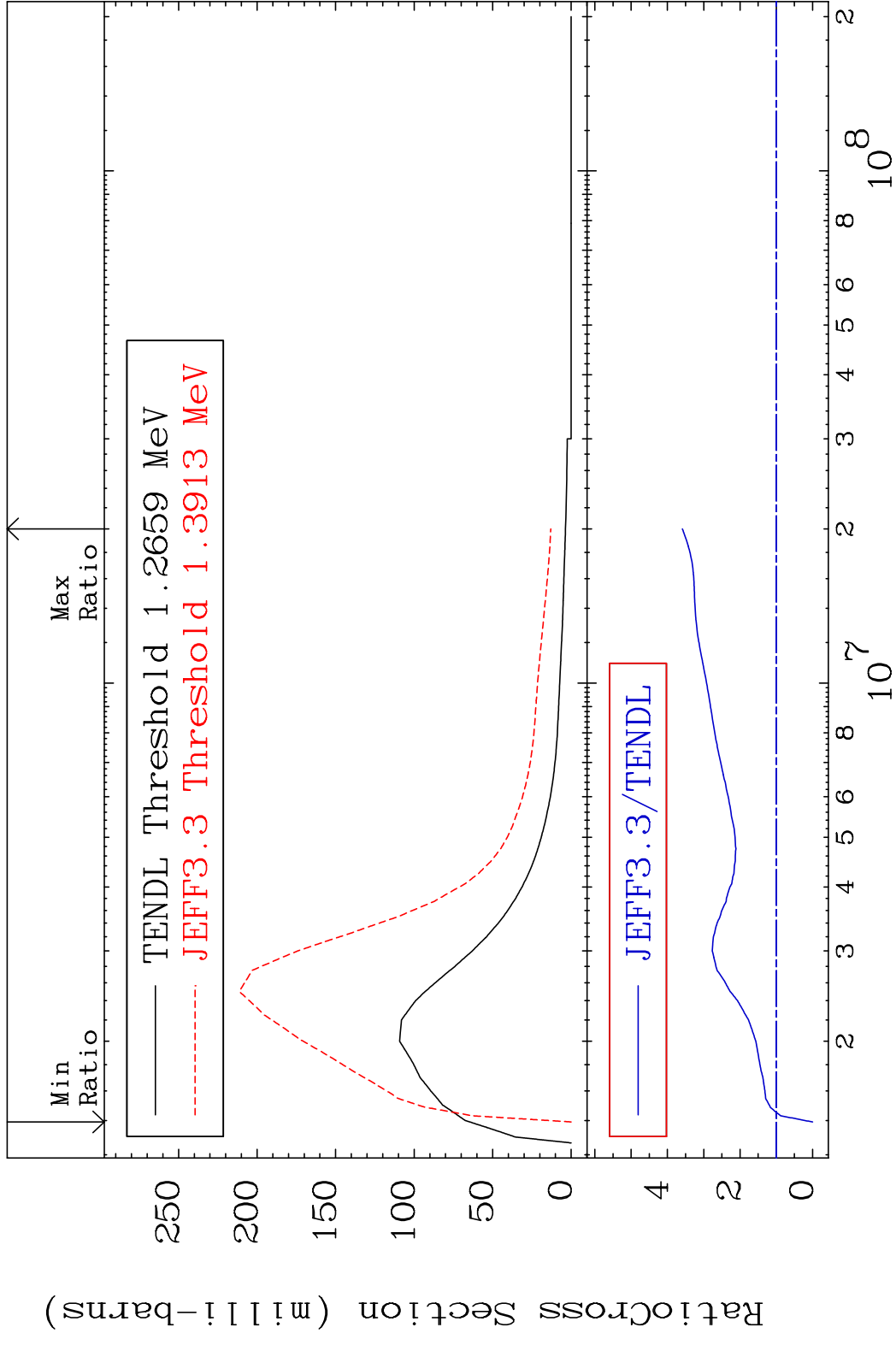


10 Incident Energy (eV) 57-La-139

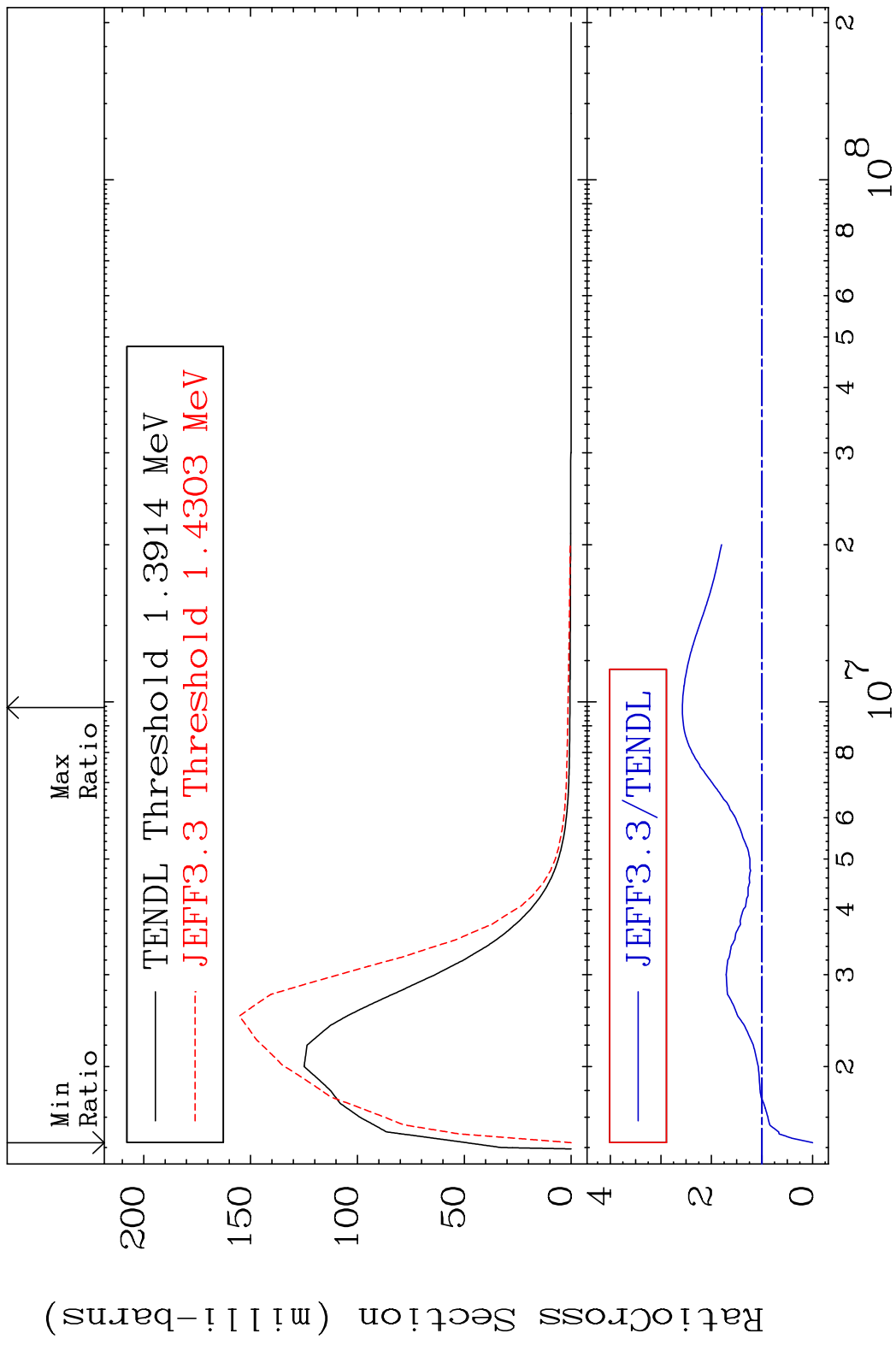
MAT 5728 MT= 54 (n, n') Level 57-La-139
 Cross Section -100.0 To 3902. %



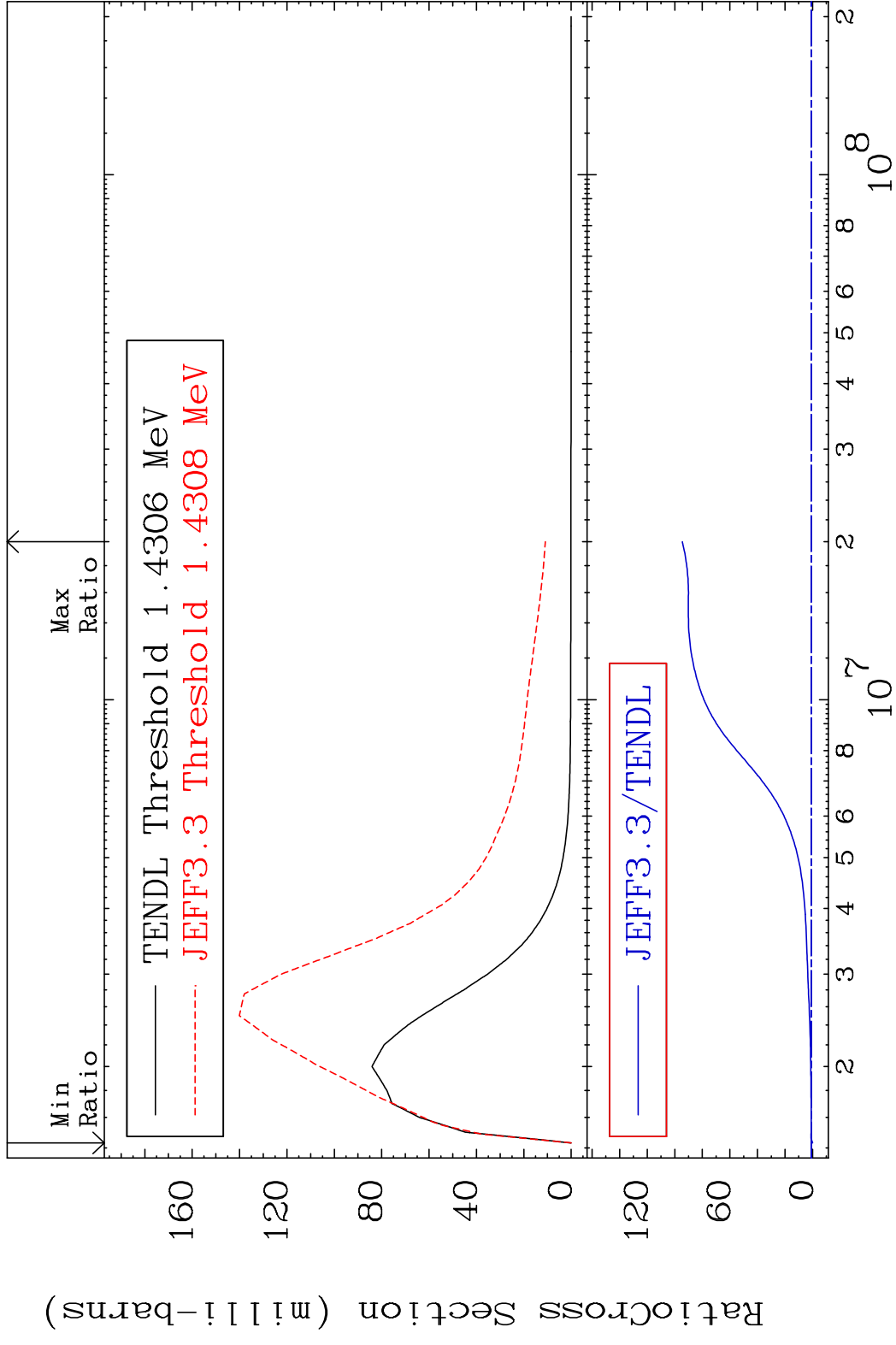
MAT 5728 MT= 55 (n, n') Level 57-La-139
 Cross Section -100.0 To 258.9 %



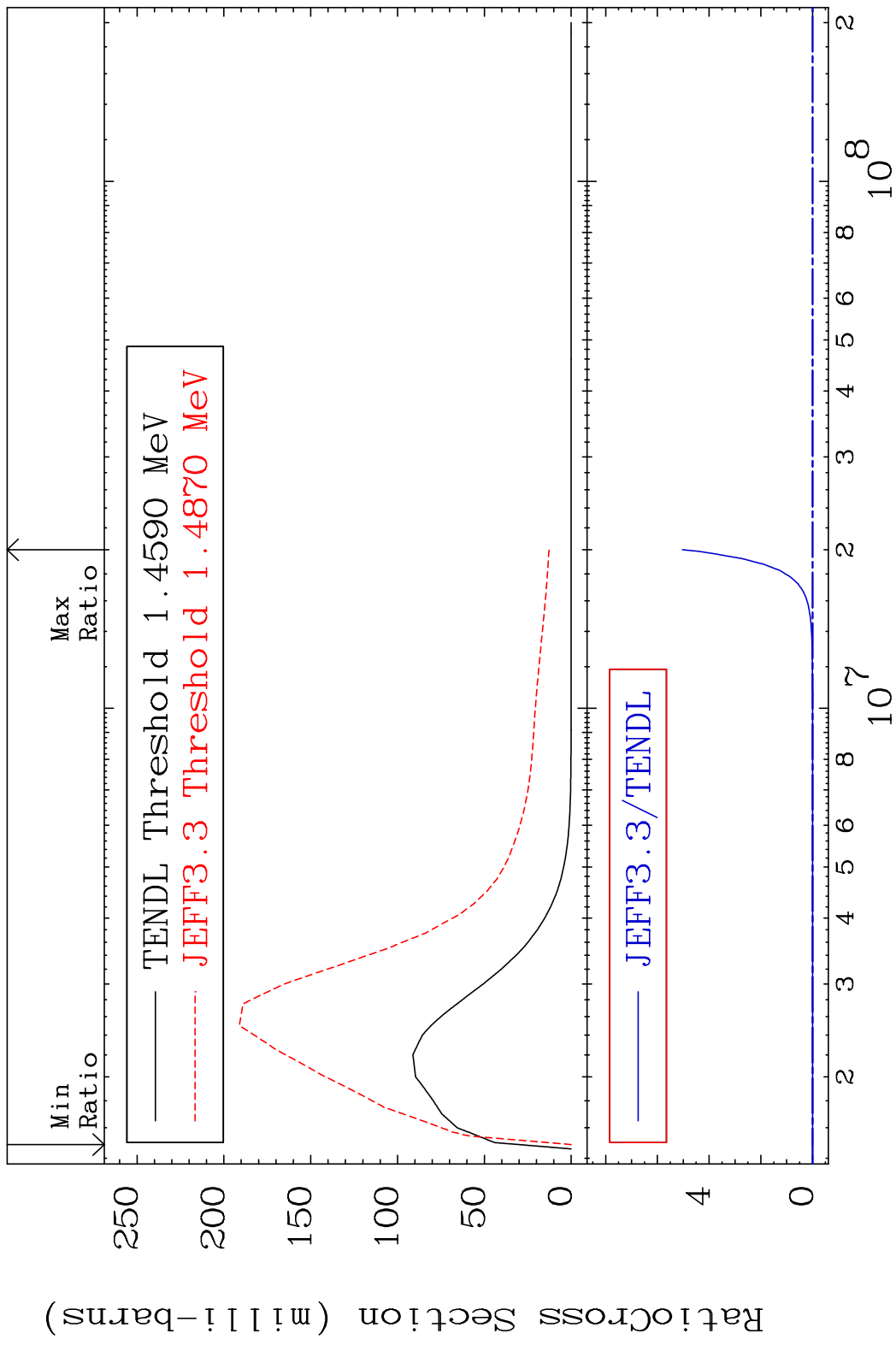
MAT 5728 MT= 56 (n,n') Level 57-La-139
 Cross Section -100.0 To 157.5 %



MAT 5728 MT= 57 (n,n') Level 57-La-139
 Cross Section -100.0 To 9349. %

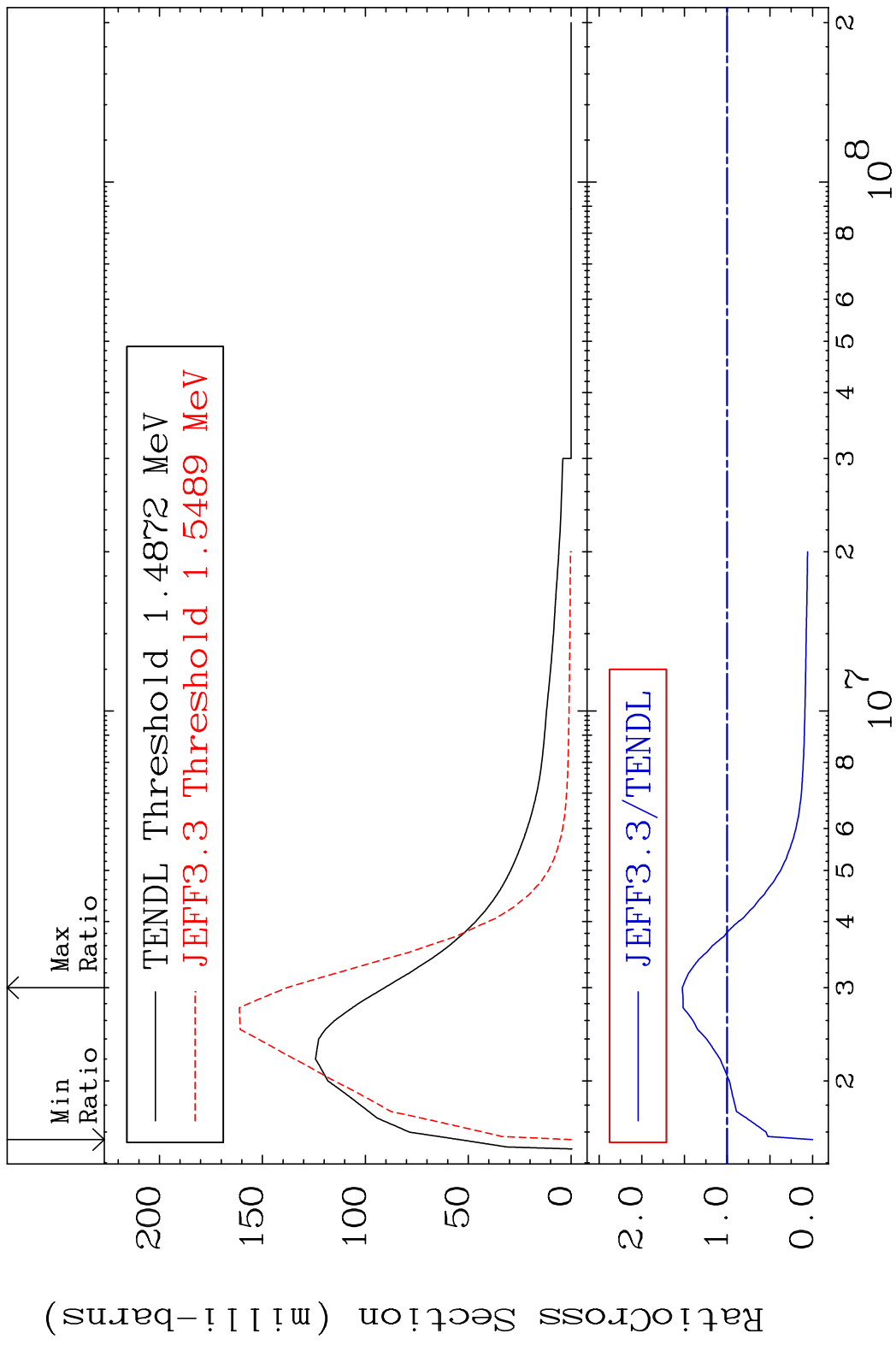


MAT 5728 MT= 58 (n,n') Level 57-La-139
 Cross Section -100.0 To 9999. %

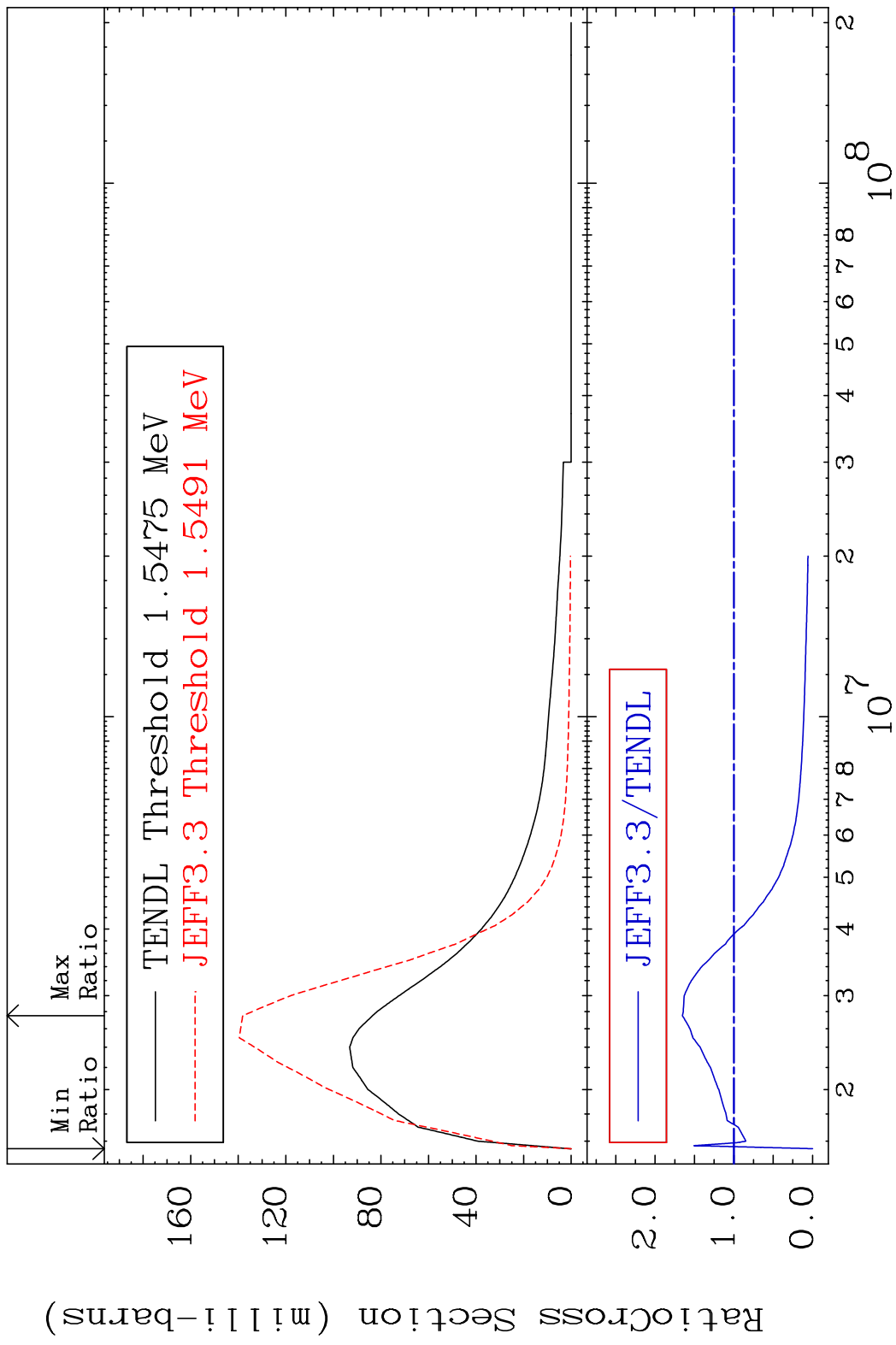


15 Incident Energy (eV) 57-La-139

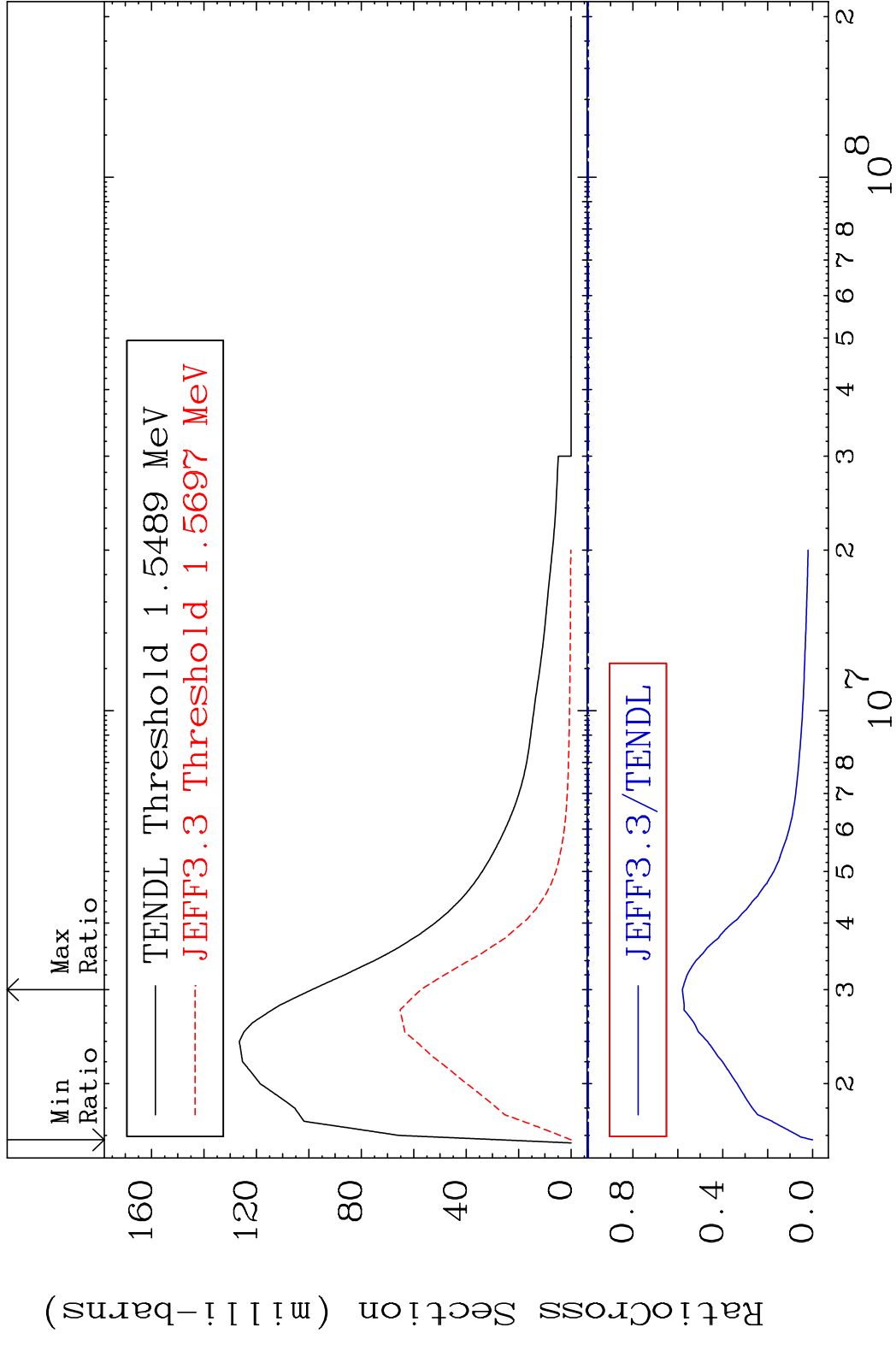
MAT 5728 MT= 59 (n, n') Level 57-La-139
 Cross Section -100.0 To 52.45 %



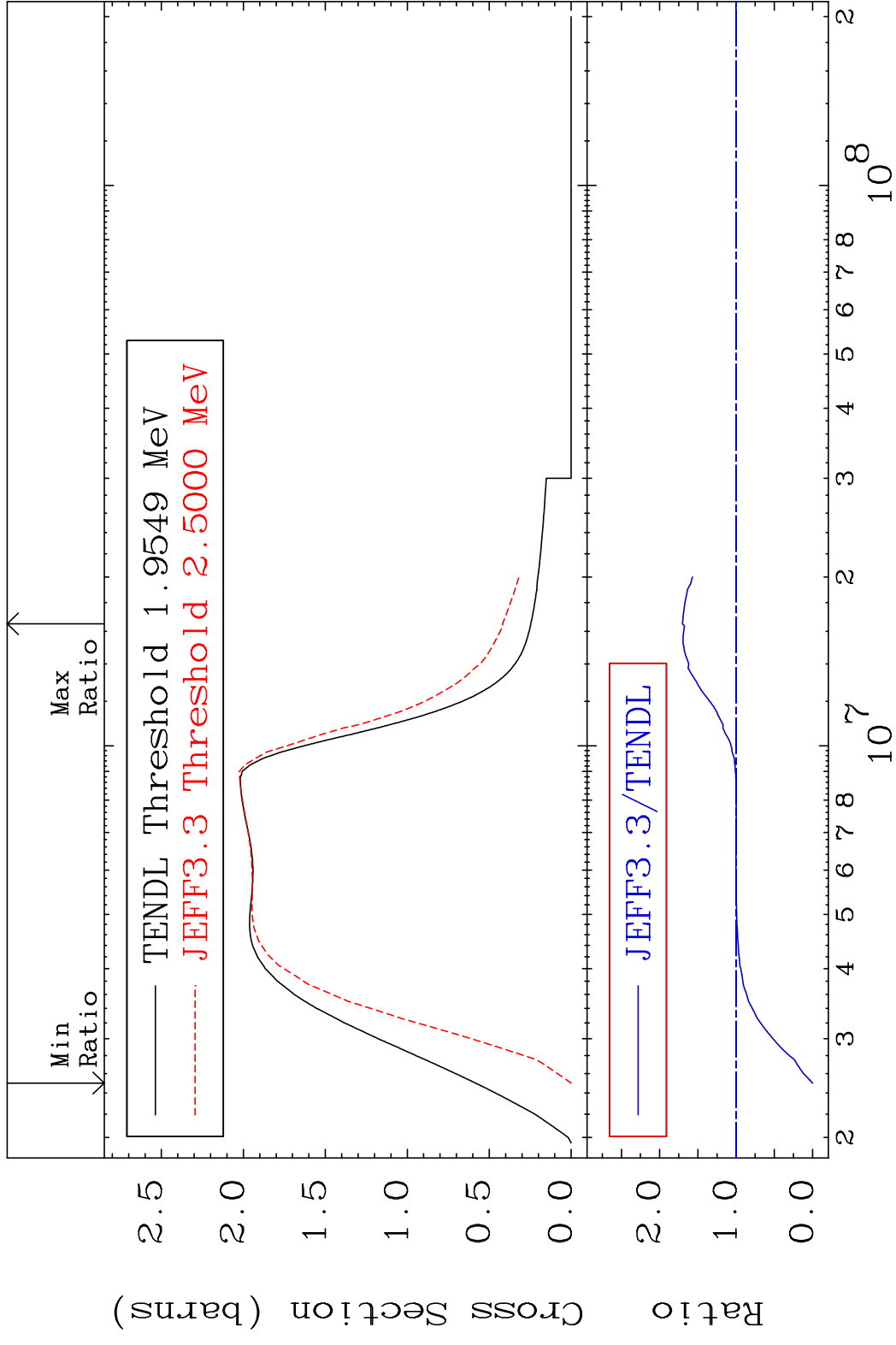
MAT 5728 MT= 60 (n,n') Level 57-La-139
 Cross Section -100.0 To 65.42 %



MAT 5728 MT= 61 (n,n') Level 57-La-139
 Cross Section -100.0 To -42.02%



MAT 5728 (n, n') Continuum 57-La-139
 Cross Section -100.0 To 70.28 %

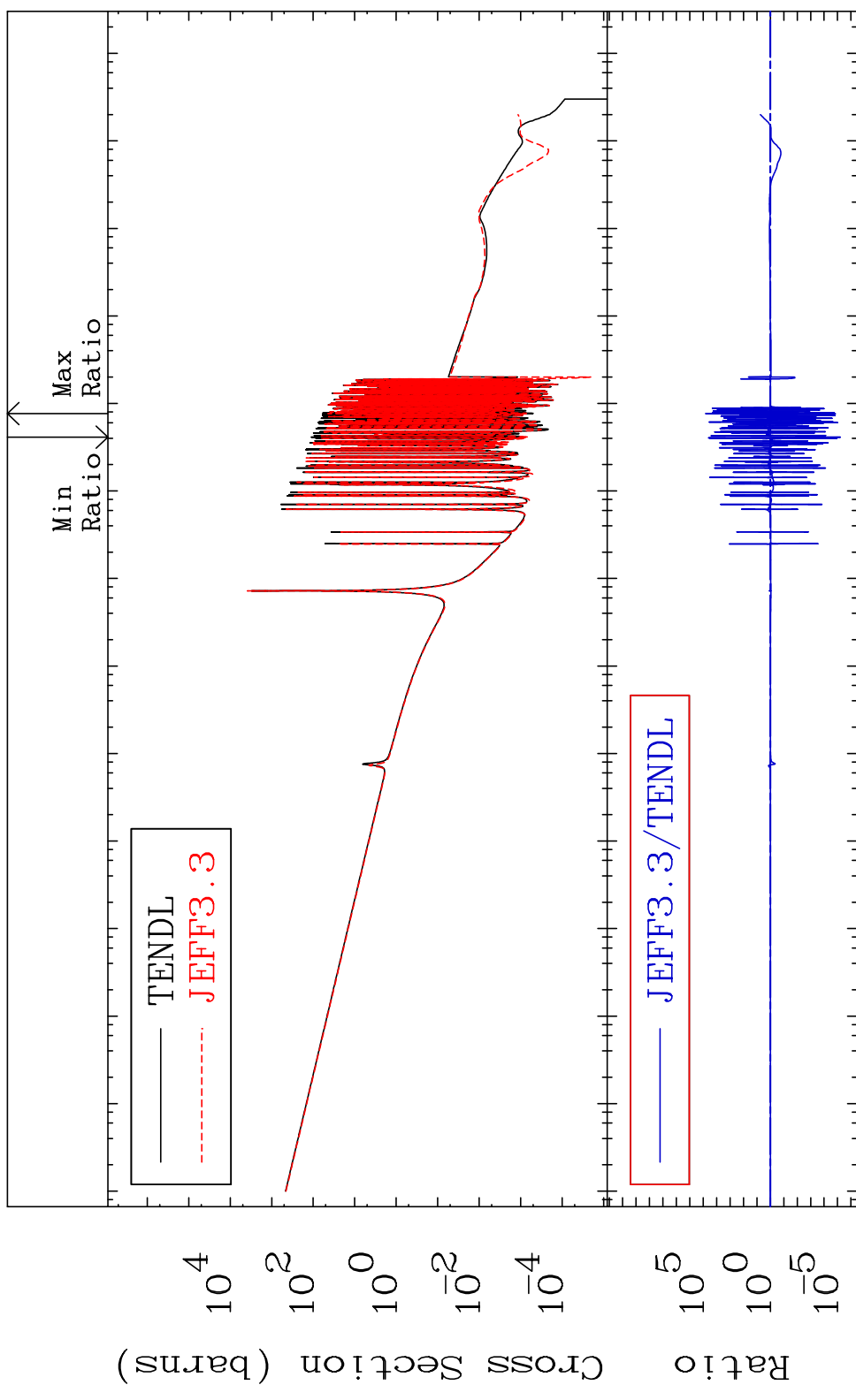


MAT 5728

(n, γ)

57-La-139

Cross Section -100.0 To 9999. %



20

Incident Energy (eV)

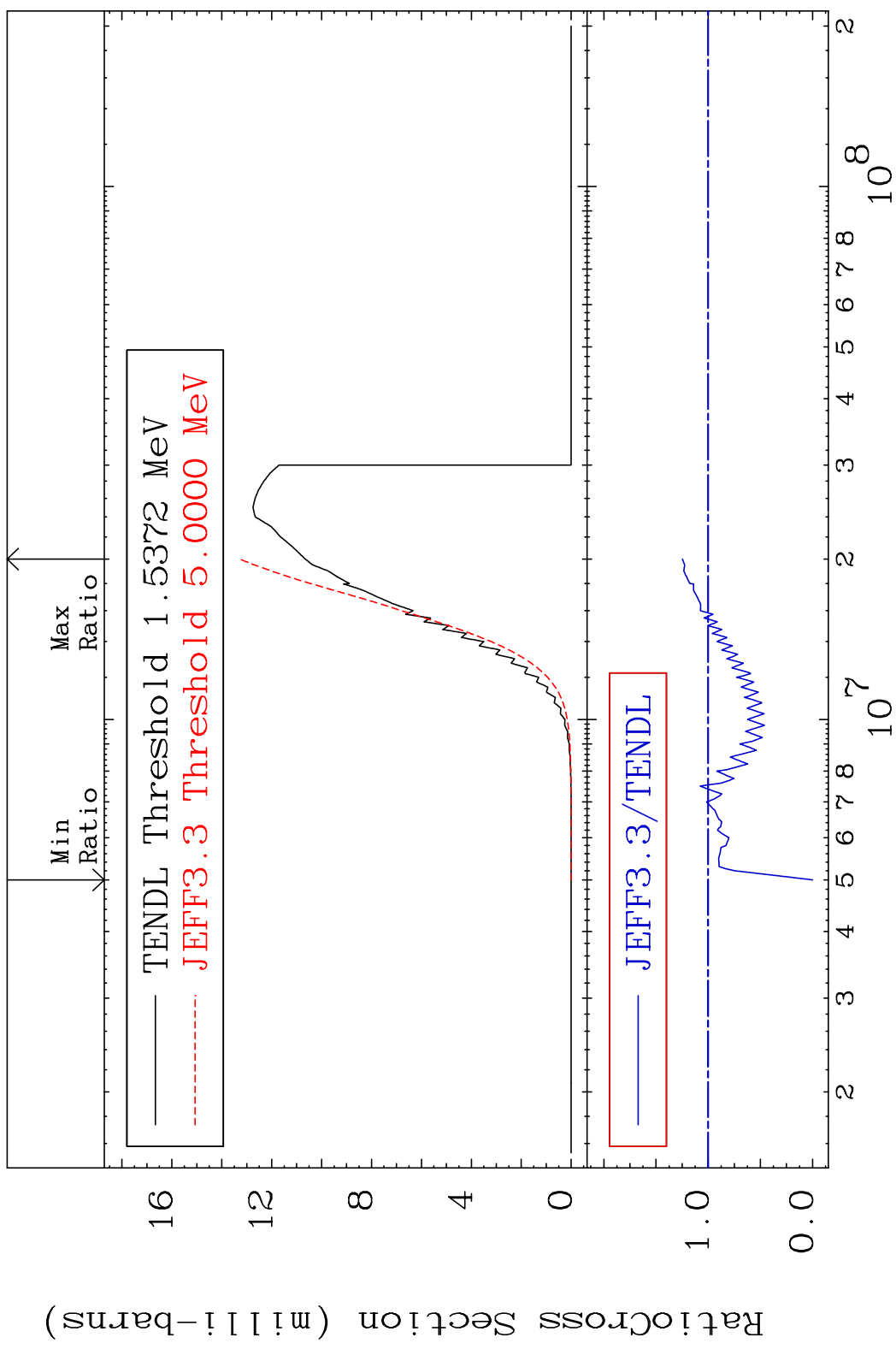
57-La-139

MAT 5728

(n,p)

57-La-139

Cross Section -100.0 To 24.77 %

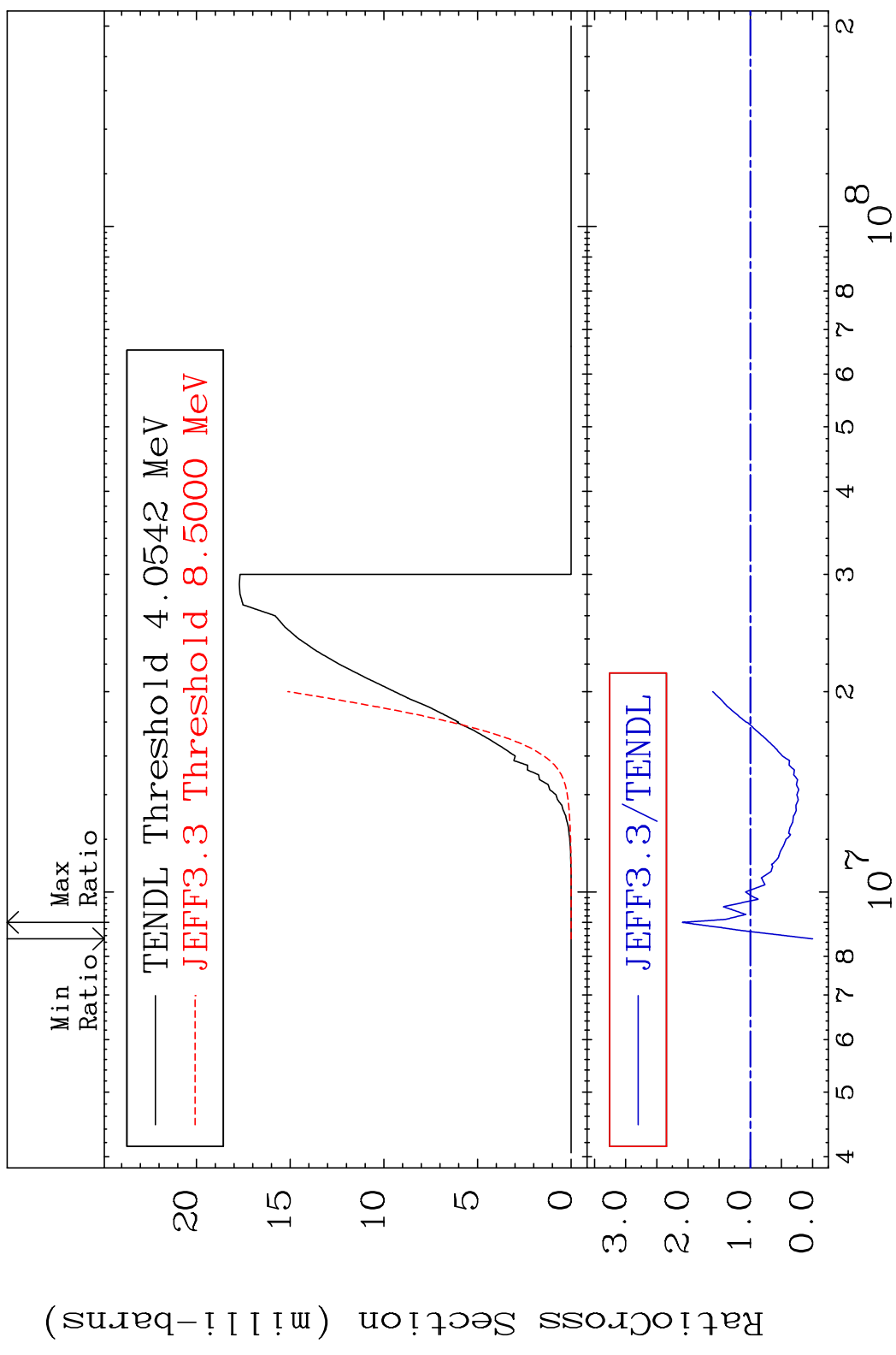


MAT 5728

(n,d)

57-La-139

Cross Section -100.0 To 109.0 %

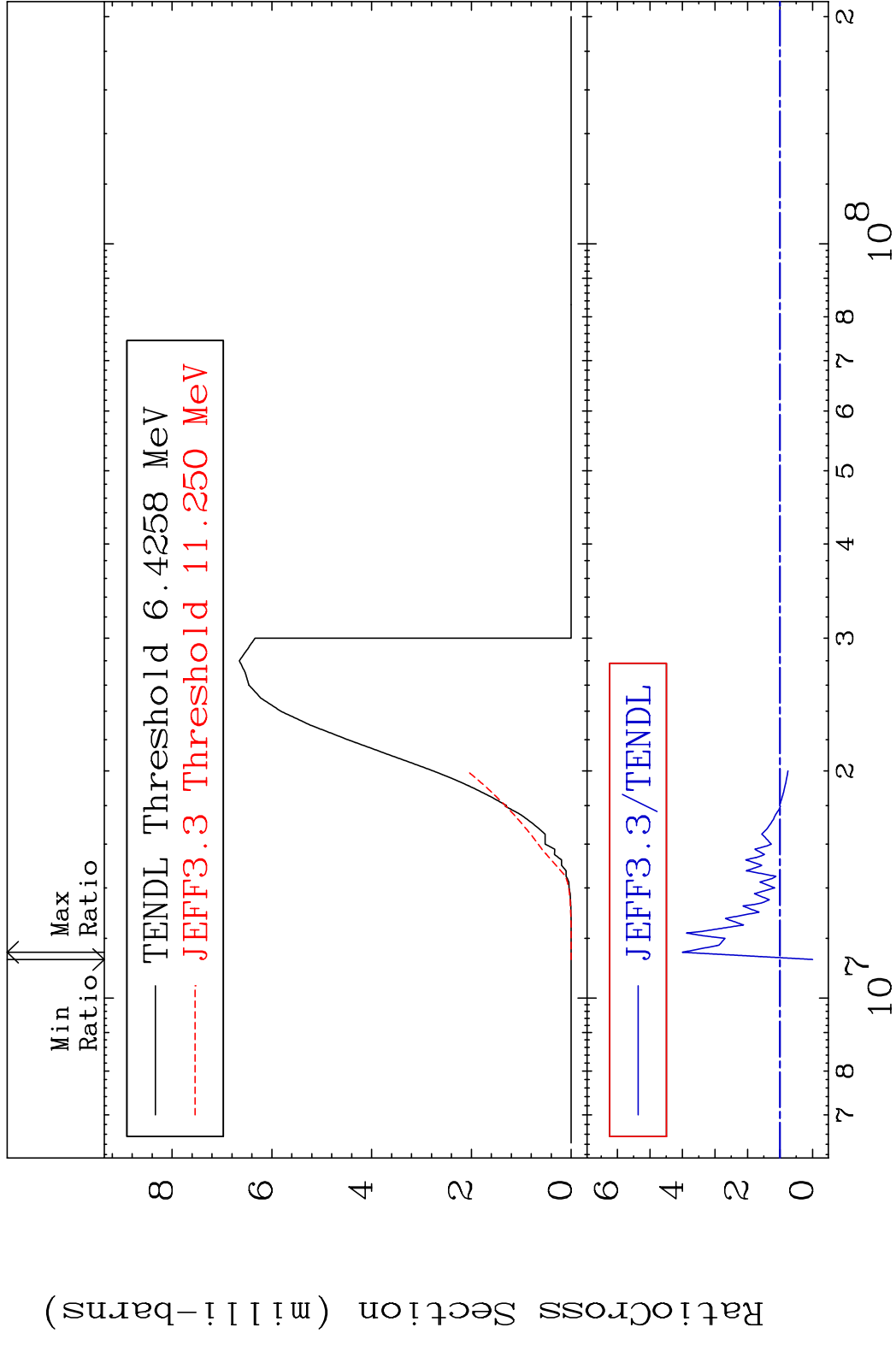


MAT 5728

(n, t)

57-La-139

Cross Section -100.0 To 300.3 %

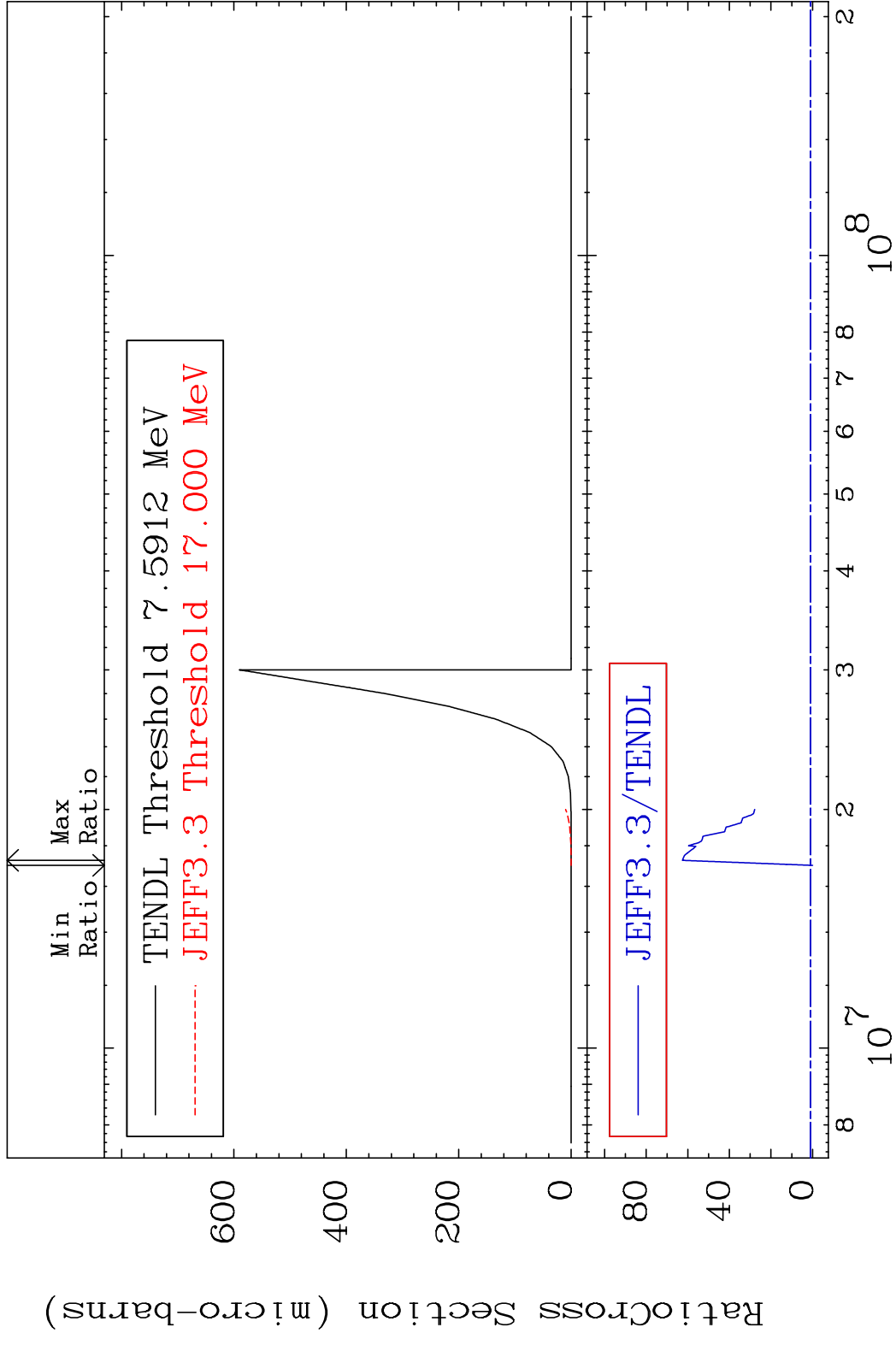


MAT 5728

(n, He-3)

57-La-139

Cross Section -100.0 To 6163. %

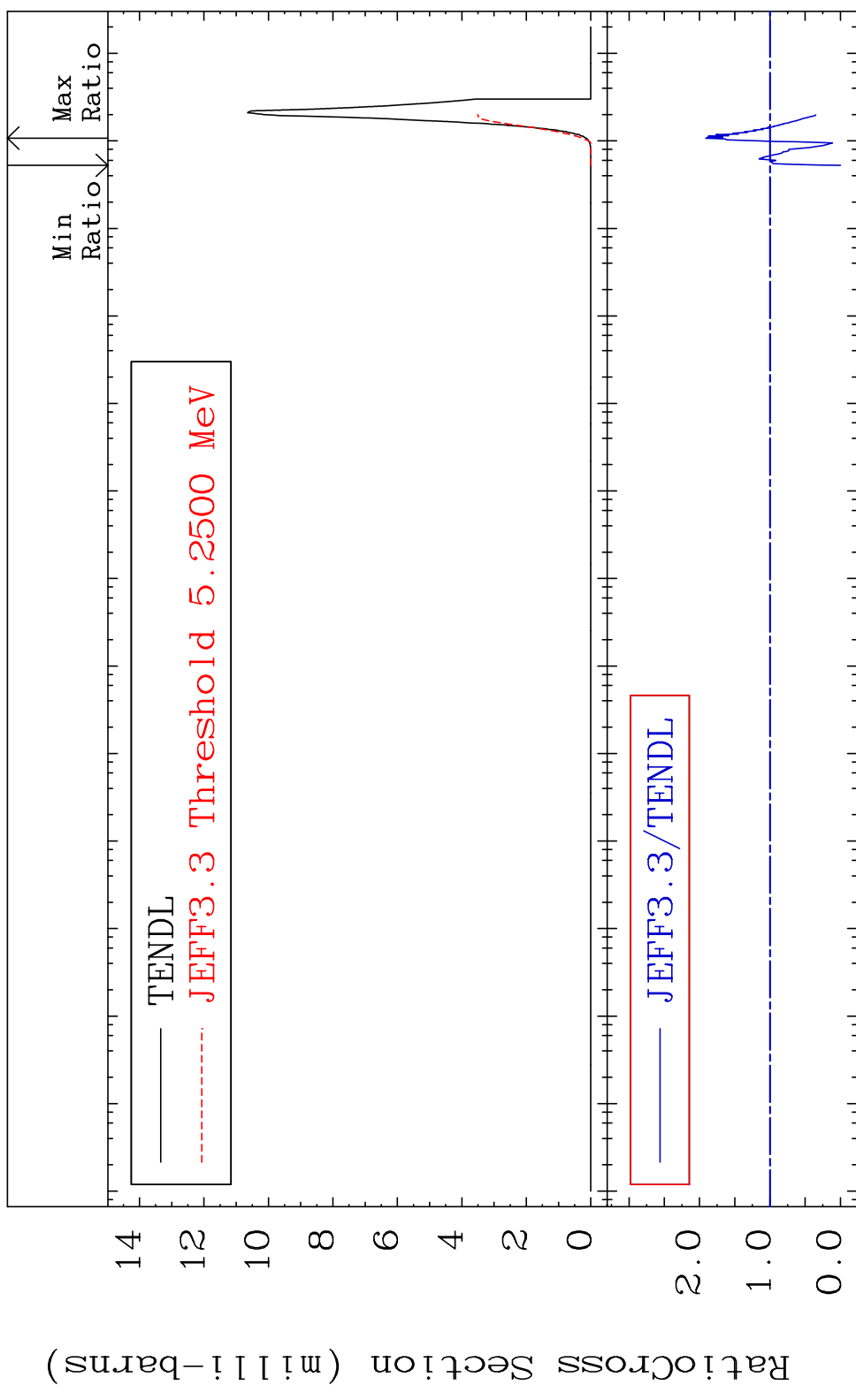


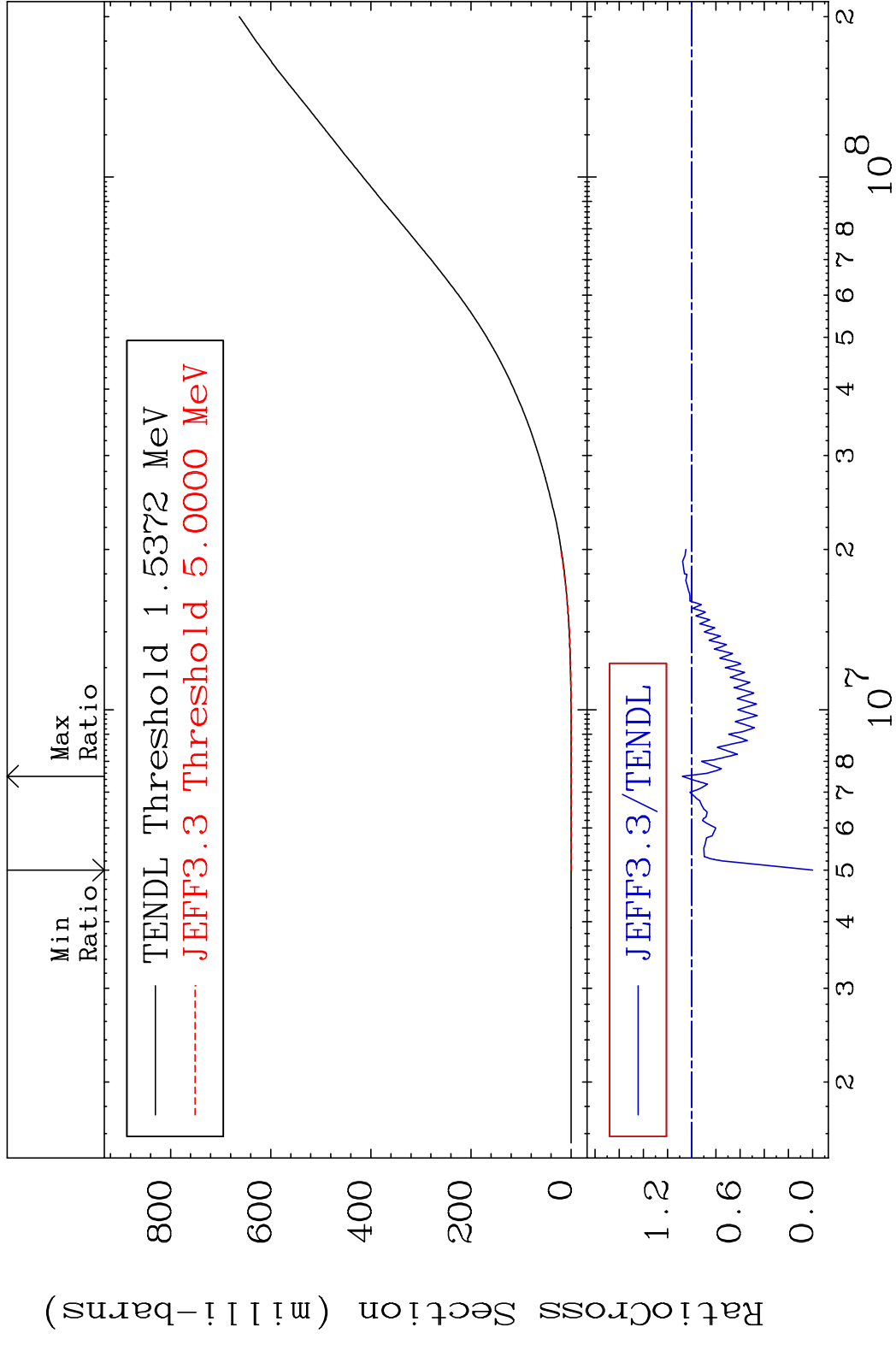
MAT 5728

(n, α)

57-La-139

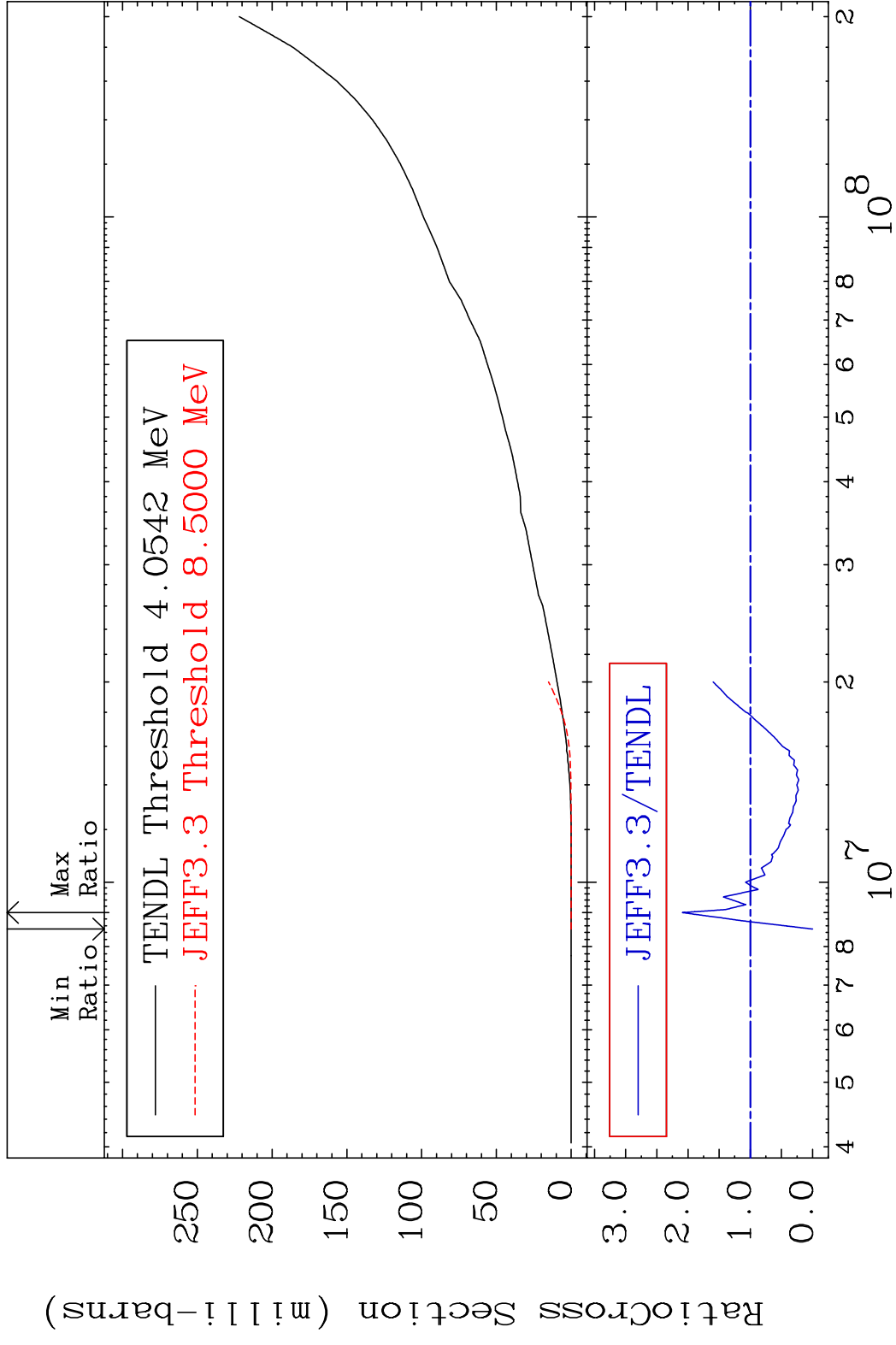
Cross Section -100.0 To 91.16 %





MAT 5728

Deuterium Production 57-La-139
Cross Section -100.0 To 109.0 %

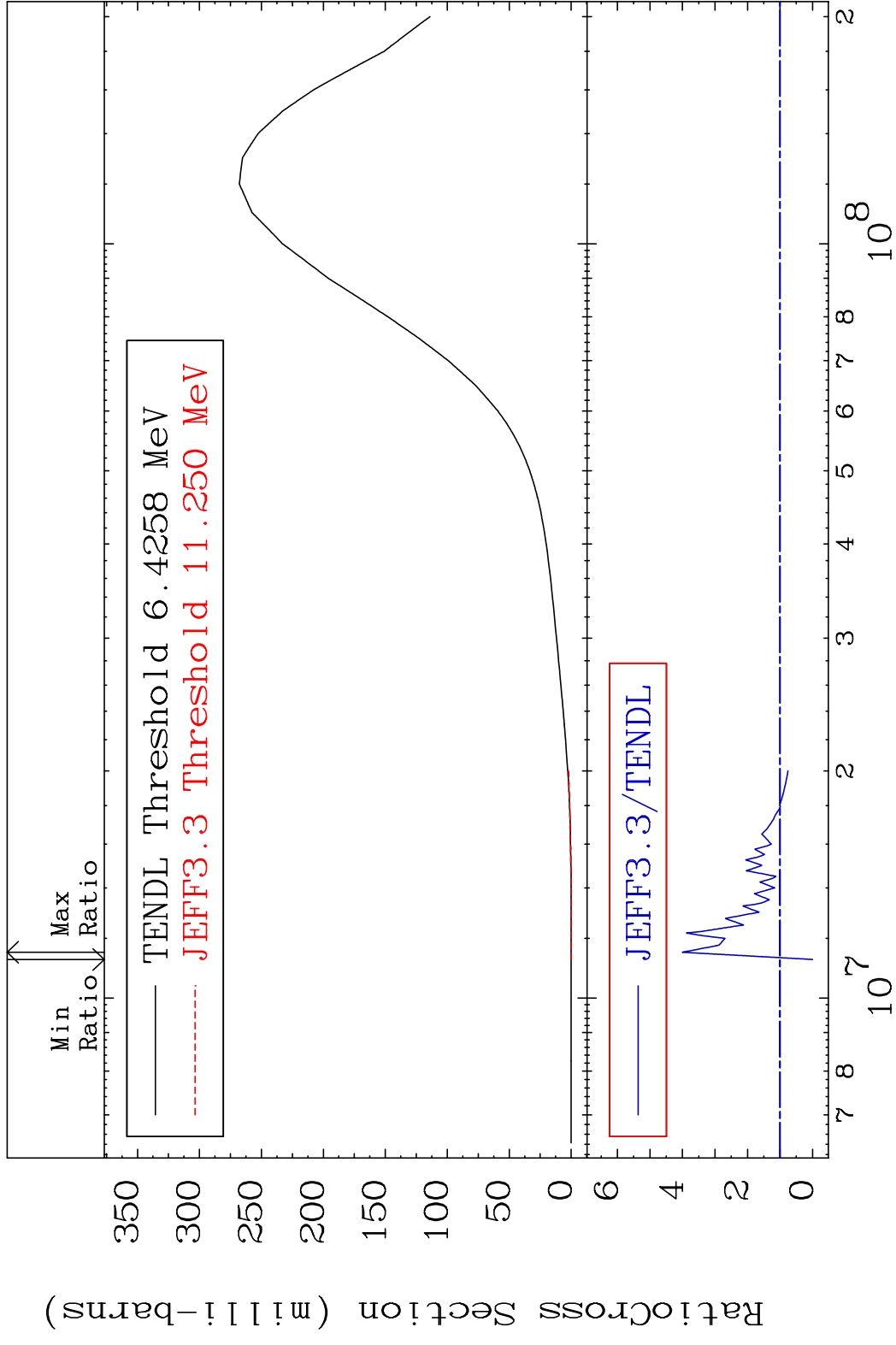


MAT 5728

Tritium Production

57-La-139

Cross Section -100.0 To 300.3 %

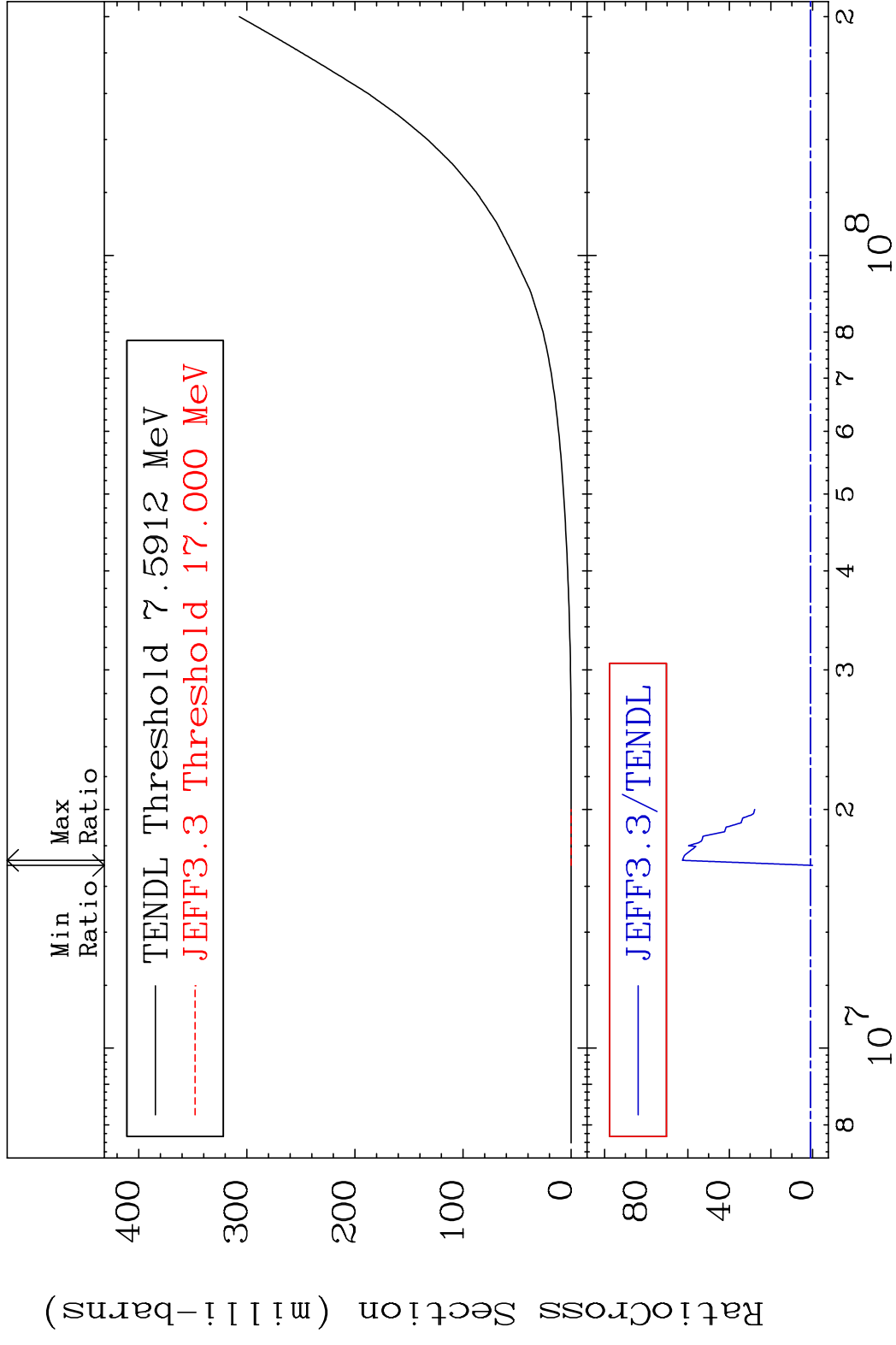


MAT 5728

He-3 Production

57-La-139

Cross Section -100.0 To 6163. %



29

Incident Energy (eV)

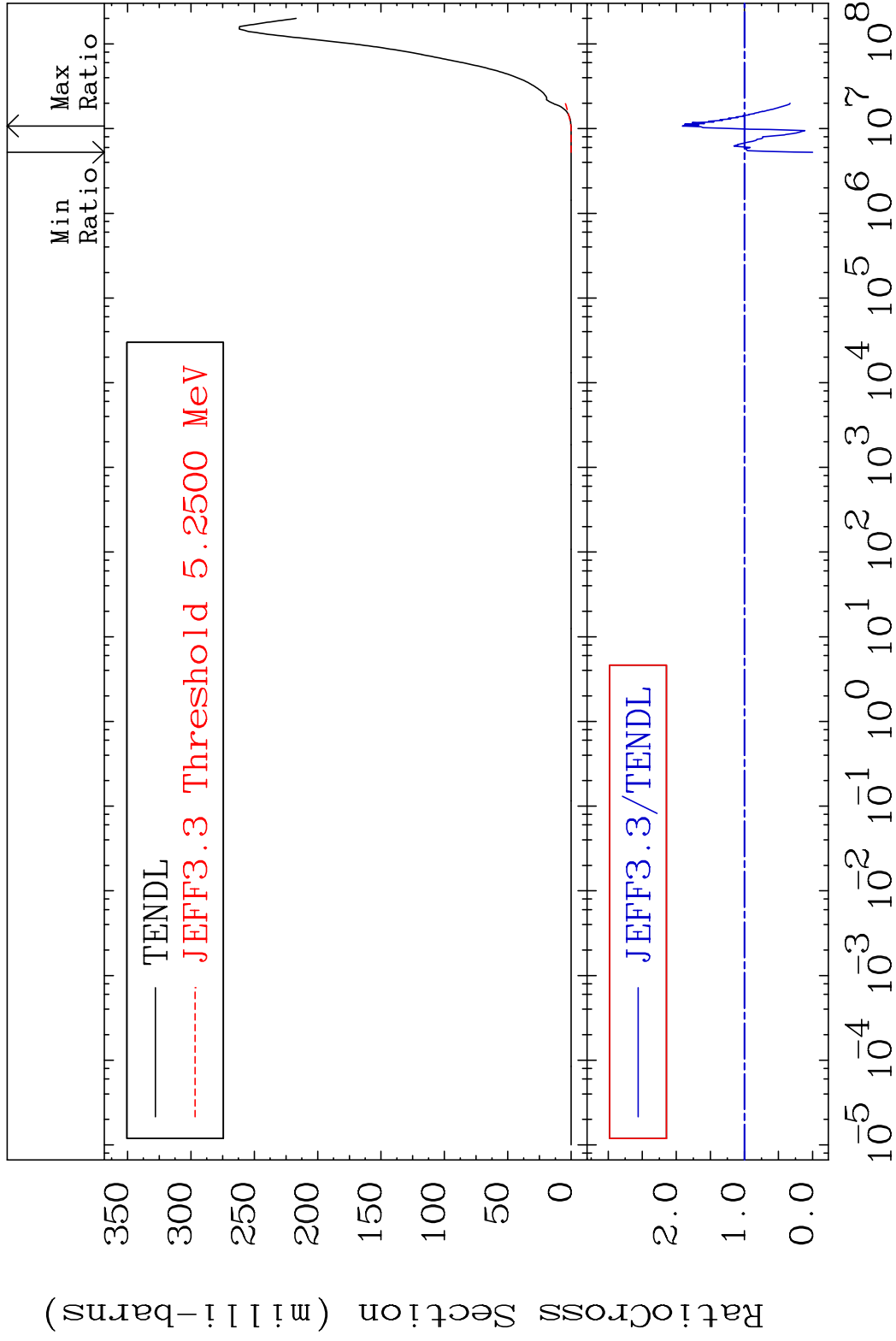
57-La-139

MAT 5728

He-4 Production

57-La-139

Cross Section -100.0 To 91.13 %

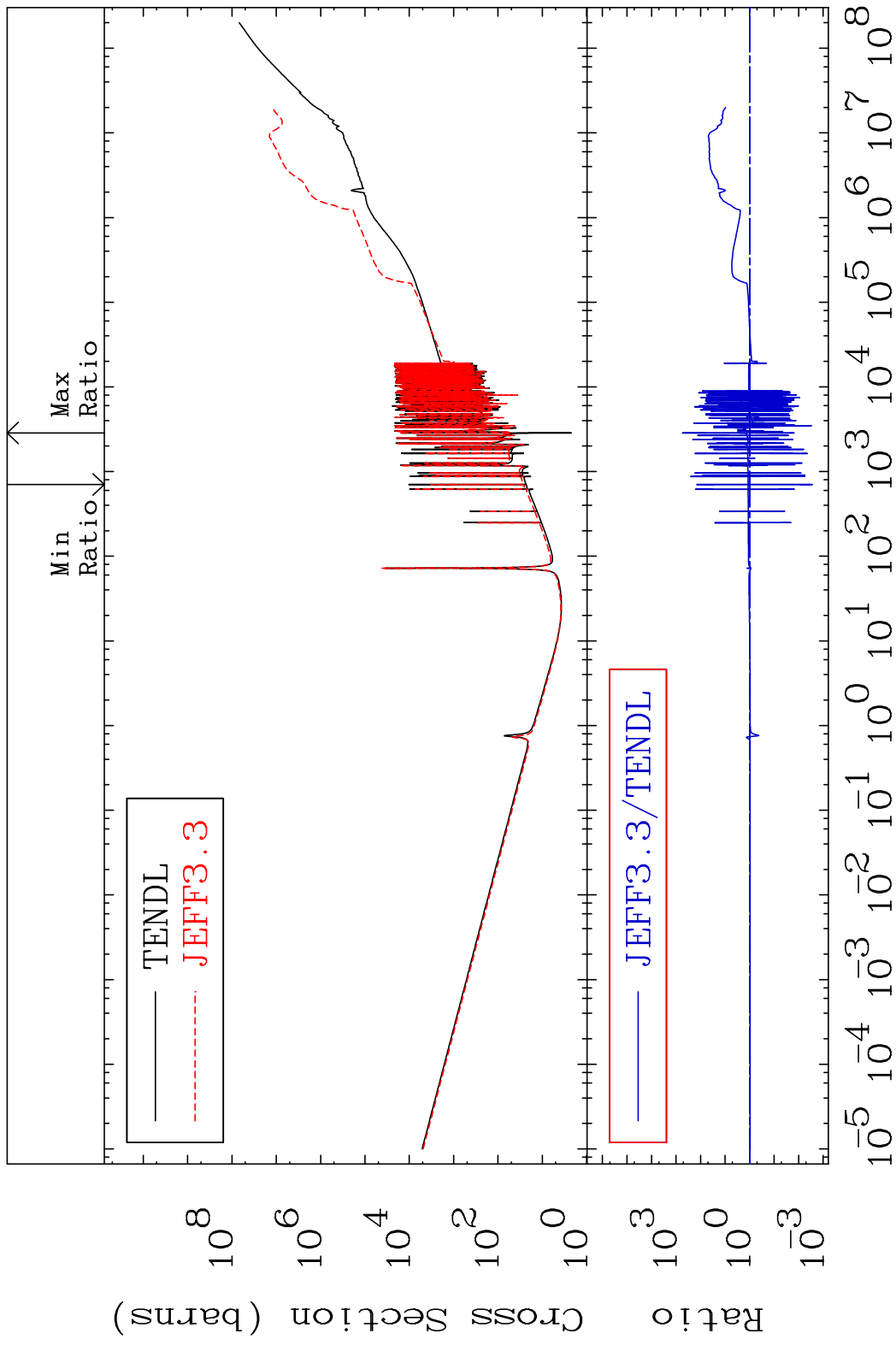


30

Incident Energy (eV)

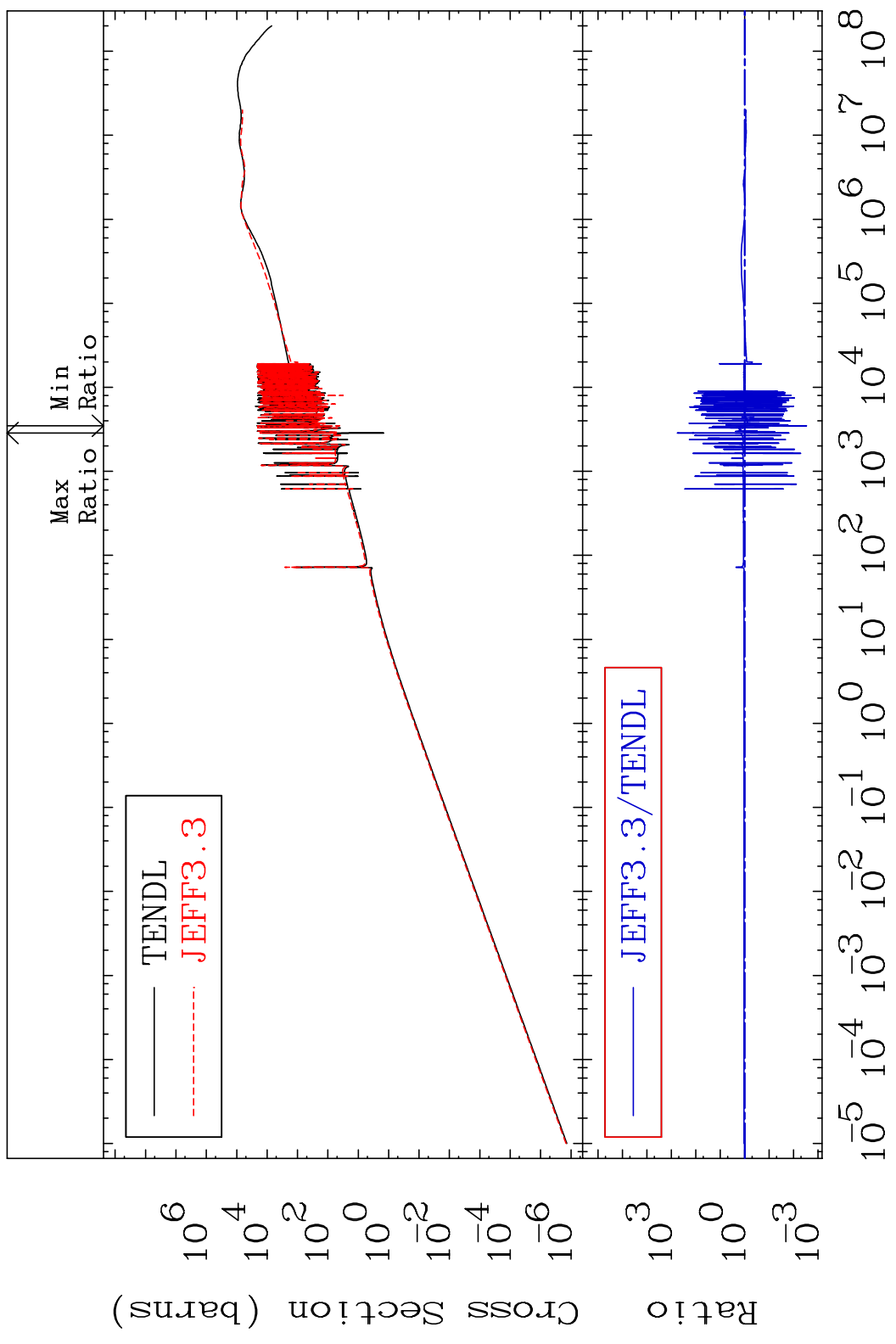
57-La-139

MAT 5728 Kerma total (eV-barns) 57-La-139
 Cross Section -99.73 To 9999. %



MAT 5728

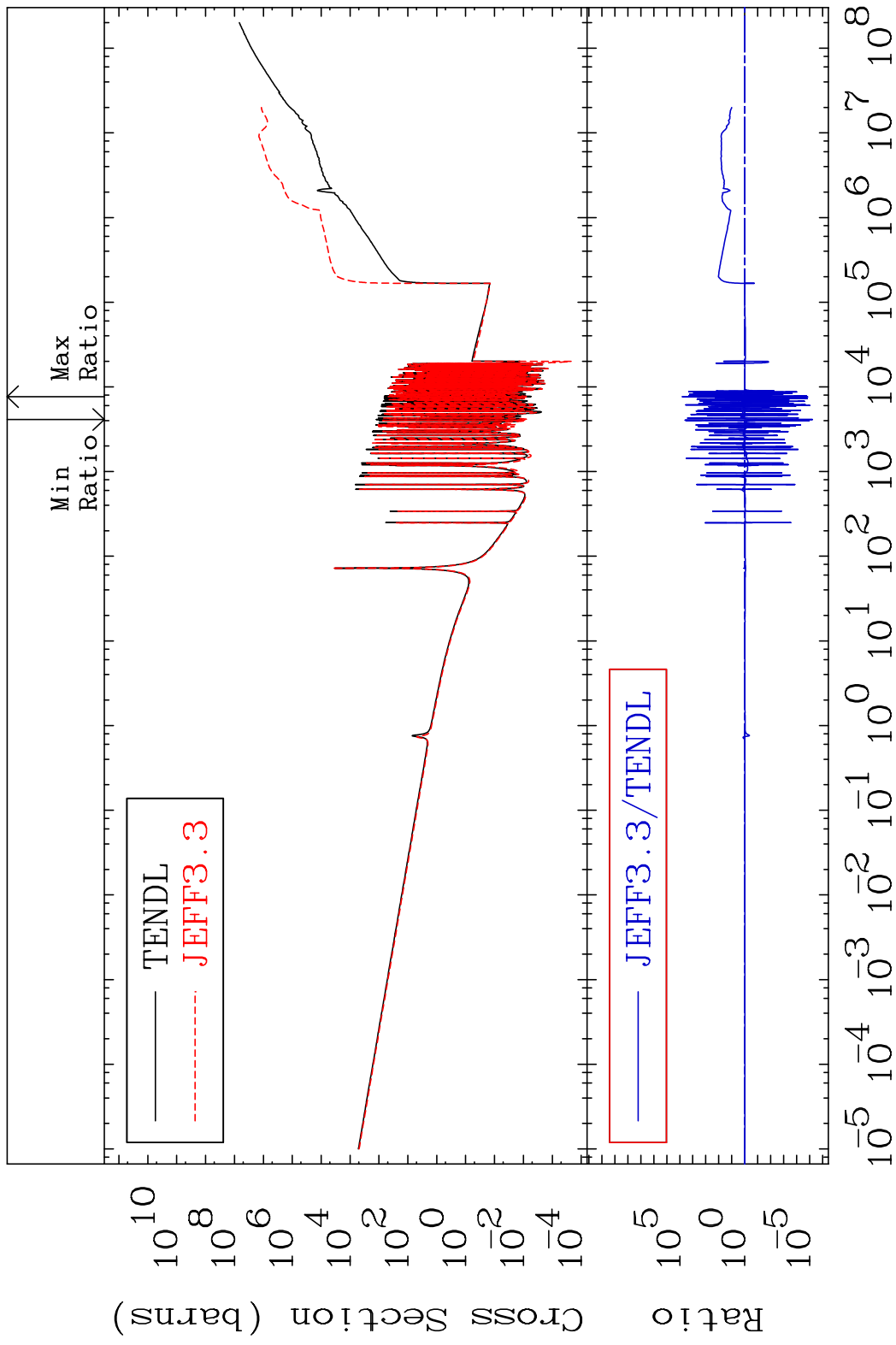
Kerma elastic Cross Section -99.70 To 9999. %
57-La-139



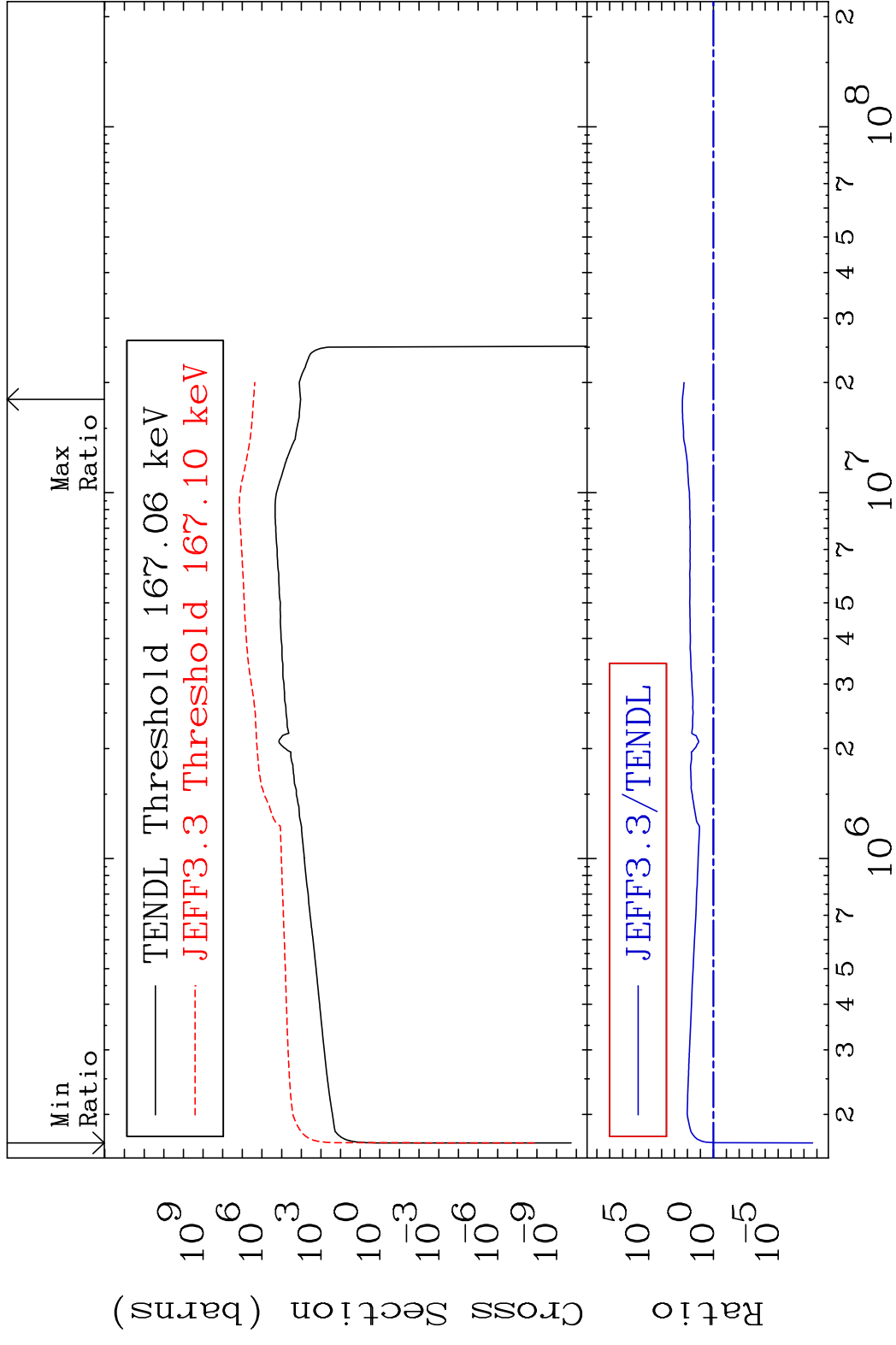
32

Incident Energy (eV) 57-La-139

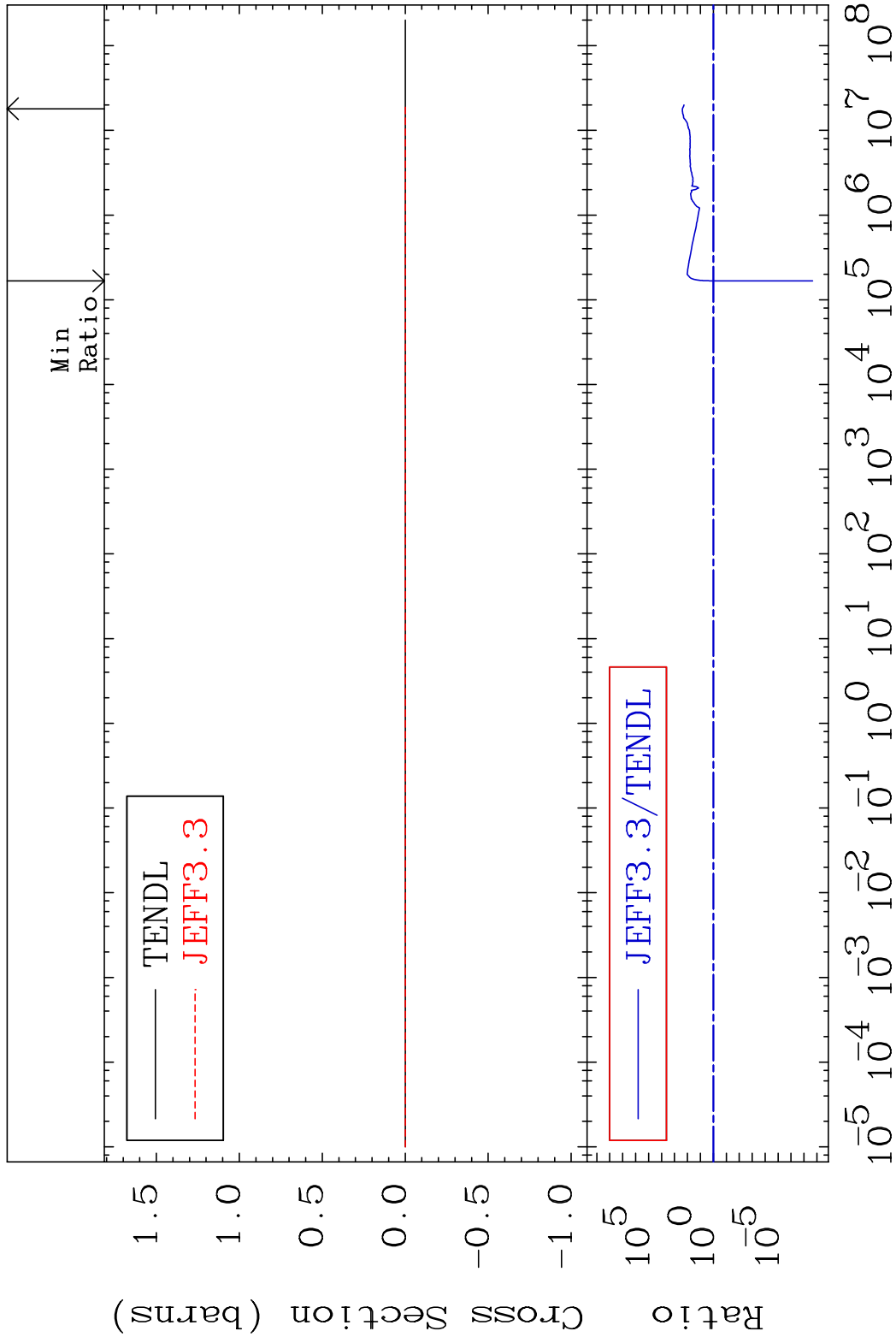
MAT 5728 Kerma non-elastic (all but mt2) 57-La-139
 Cross Section -100.0 To 9999. %



MAT 5728 Kerma inelastic (mt51-91) 57-La-139
 Cross Section -100.0 To 9999. %



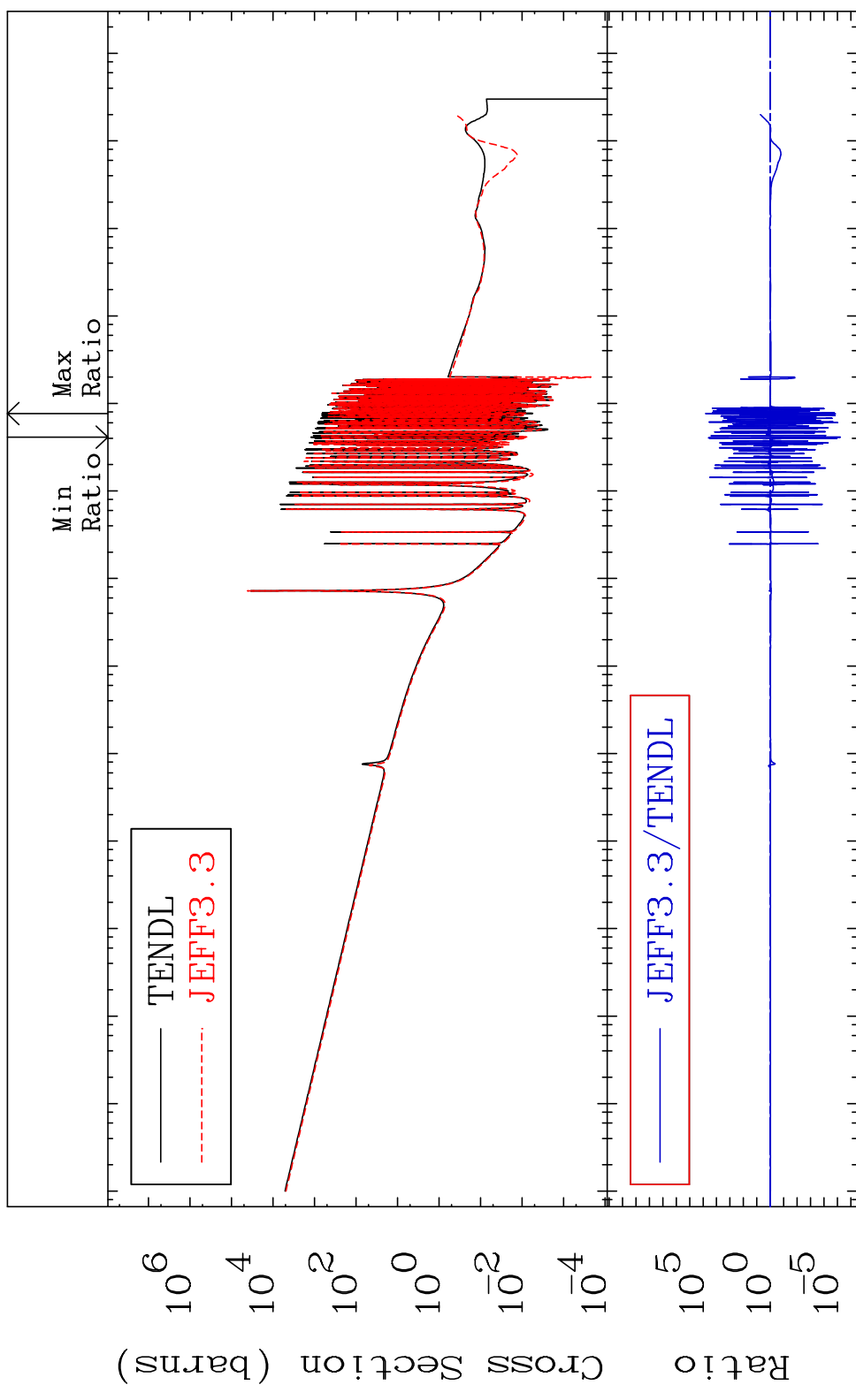
MAT 5728 Kerma fission (mt18 or mt19-20-21-38) 57-La-139
 Cross Section -100.0 To 9999. %



MAT 5728

Kerma capture (mt102) 57-La-139

Cross Section -100.0 To 9999. %

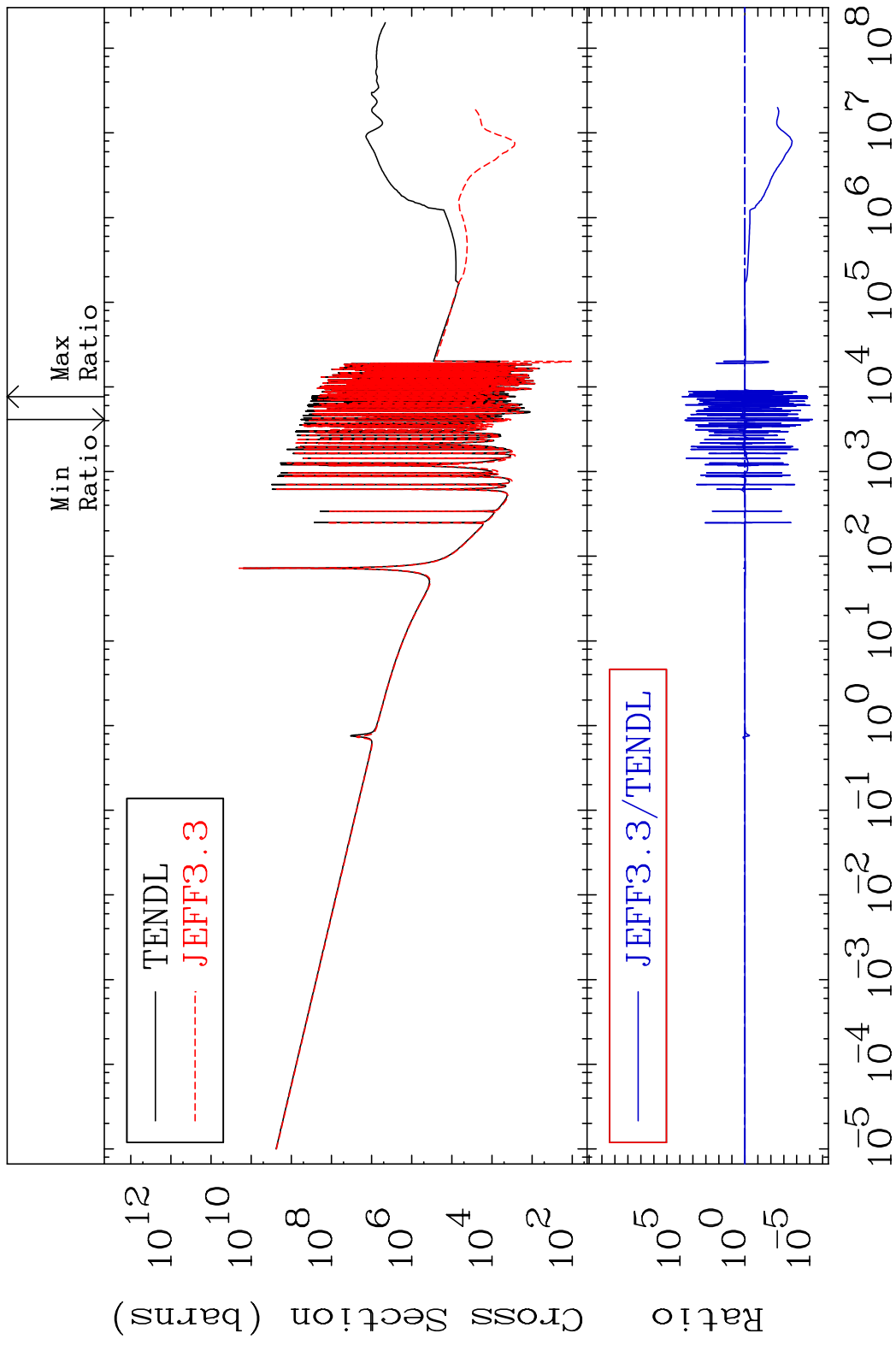


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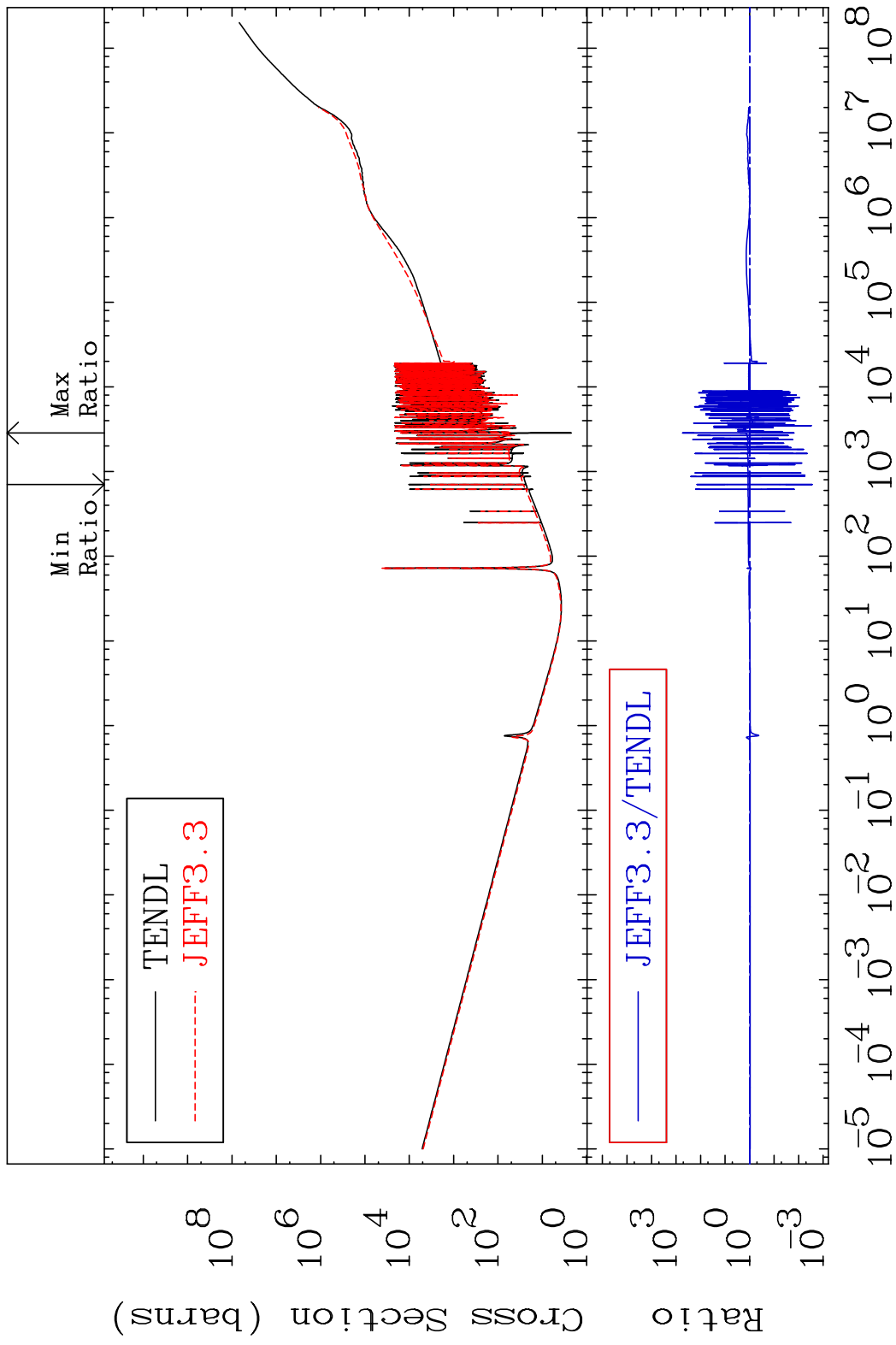
Incident Energy (eV)

57-La-139

MAT 5728 Total photon (eV-barns) 57-La-139
 Cross Section -100.0 To 9999. %



MAT 5728 Total kinematic kerma (high limit) 57-La-139
 Cross Section -99.73 To 9999. %

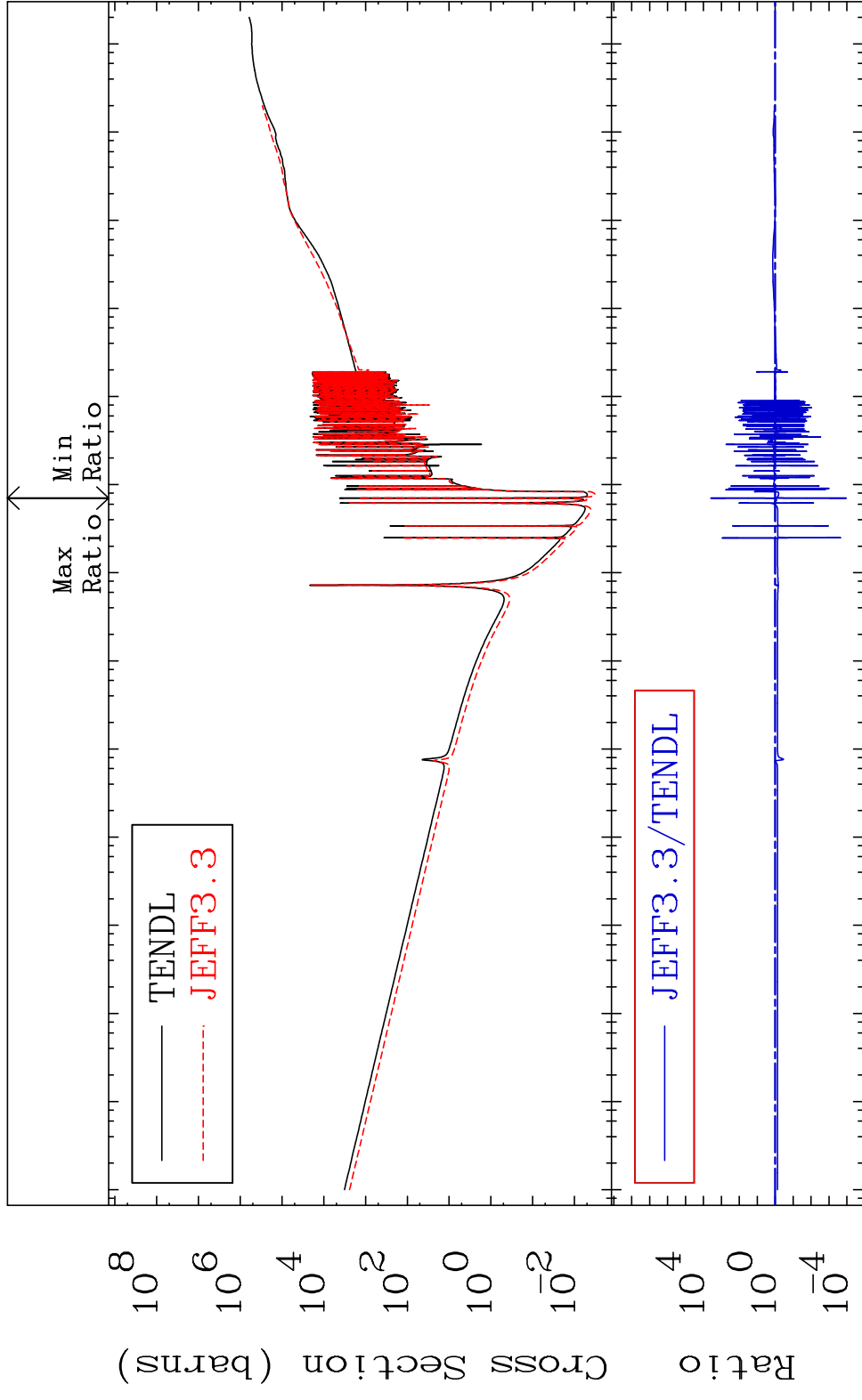


MAT 5728

Dpa total (eV-barns)

57-La-139

Cross Section -99.99 To 9999. %



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Incident Energy (eV)

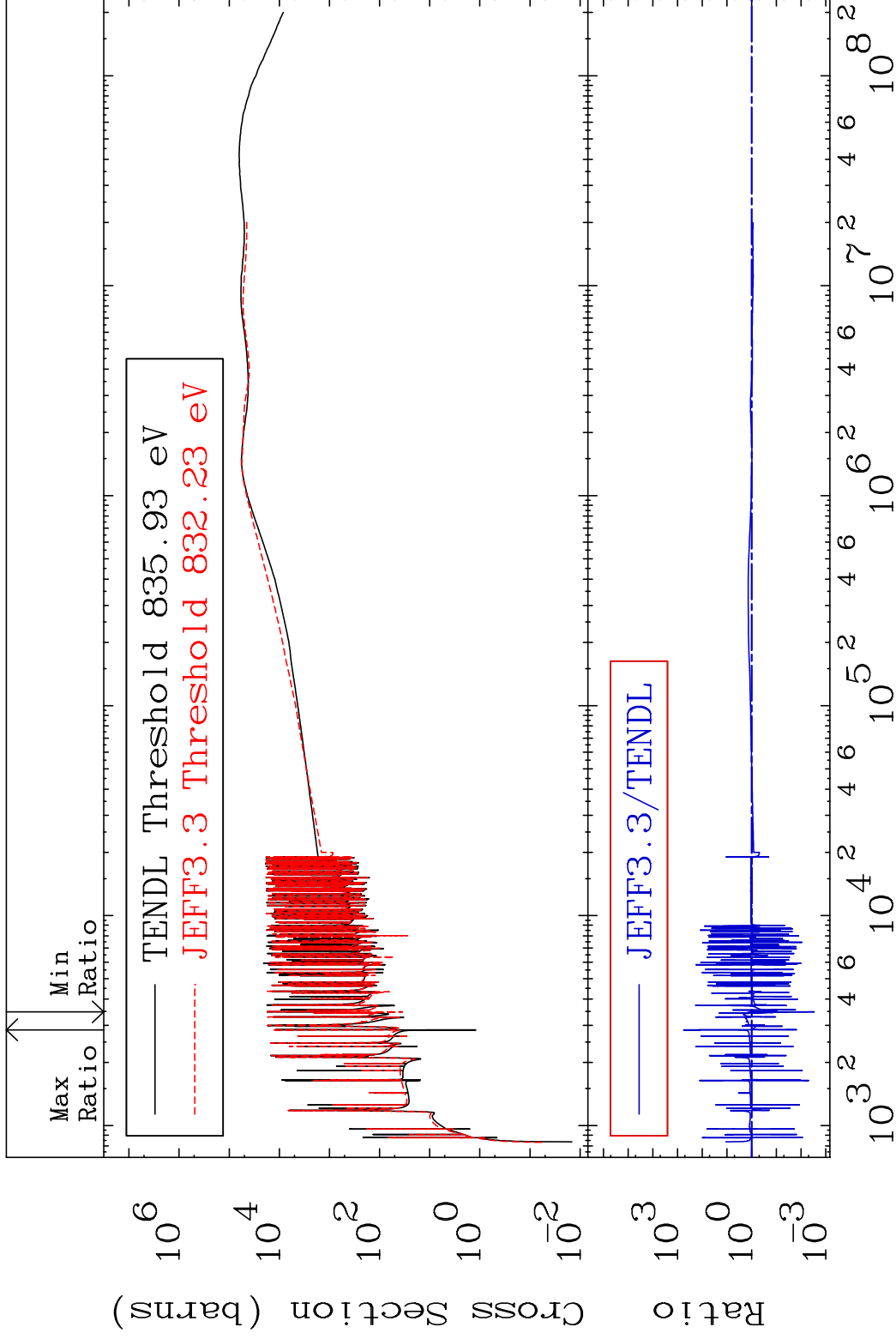
57-La-139

MAT 5728

Dpa elastic (mt2)

57-La-139

Cross Section -99.70 To 9999. %

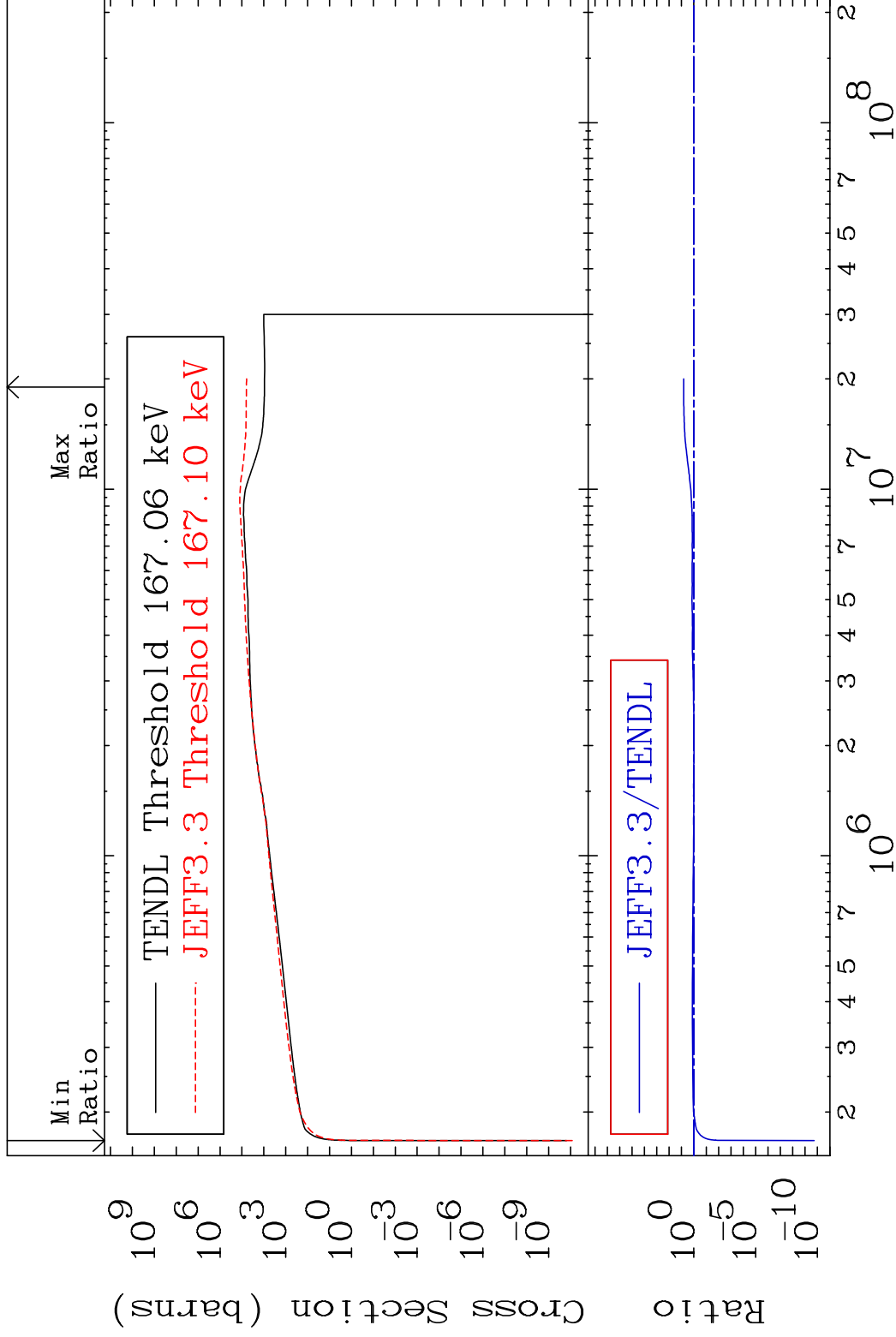


40

Incident Energy (eV)

57-La-139

Cross Section -100.0 To 568.7 %



MAT 5728 Dpa disappearance (mt102 -120) 57-La-139
 Cross Section -100.0 To 9999. %

