

Program Complot
(Version 2021-1)

by

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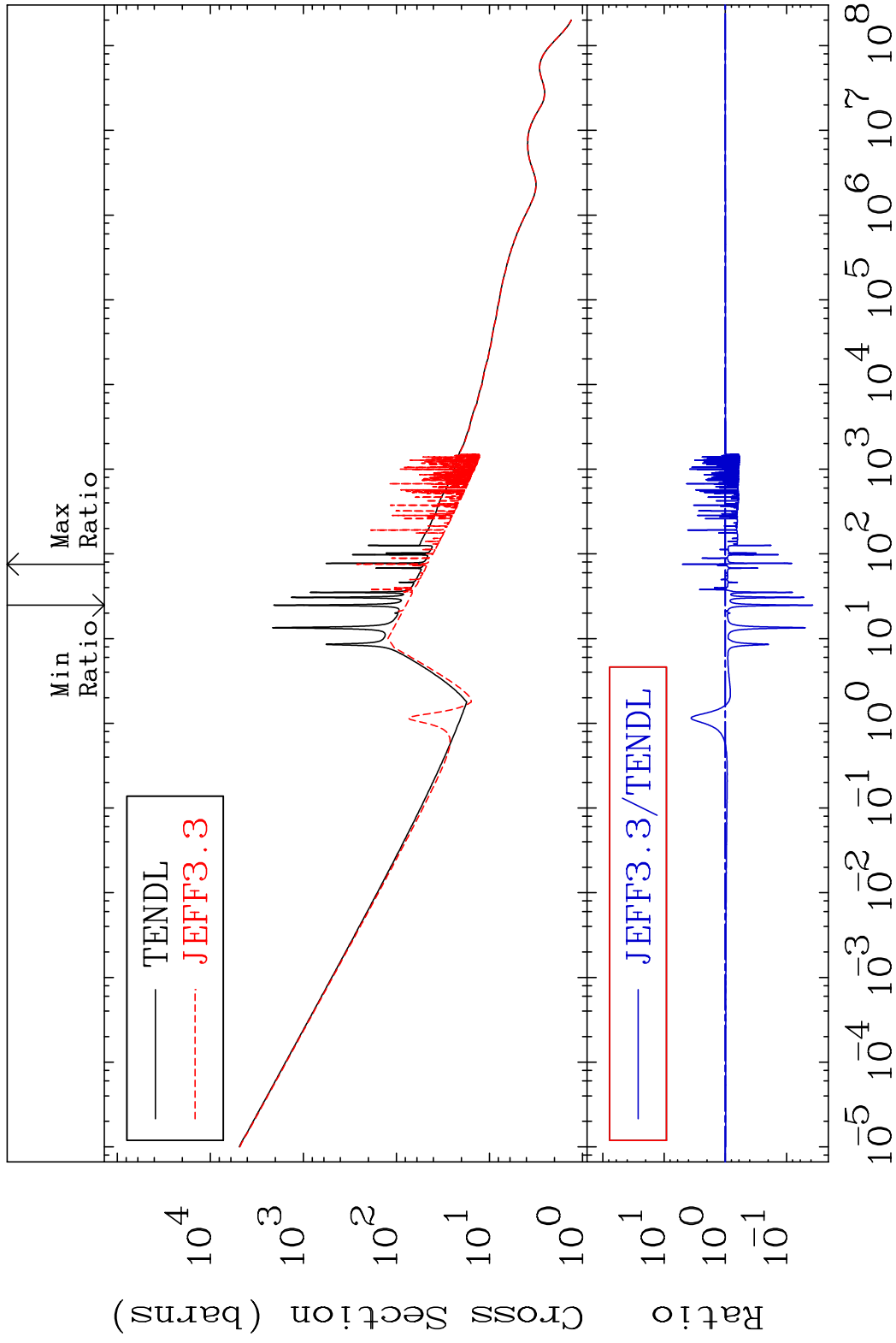
Press Mouse Button to Start

MAT 3316

Total

33-As-72

Cross Section -96.22 To 403.1 %



1

Incident Energy (eV)

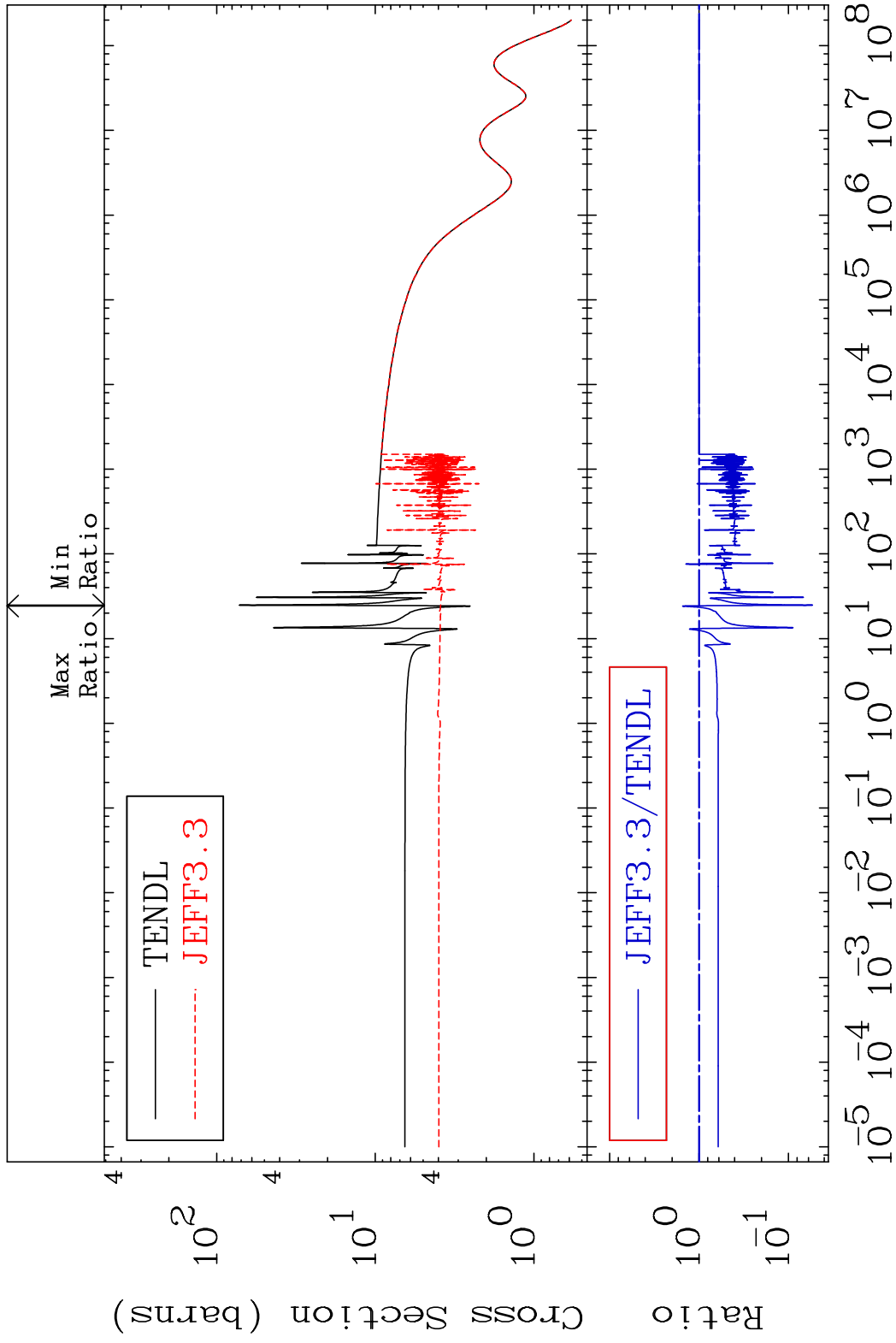
33-As-72

MAT 3316

Elastic

33-AS-72

Cross Section -94.61 To 53.73 %



2

Incident Energy (eV)

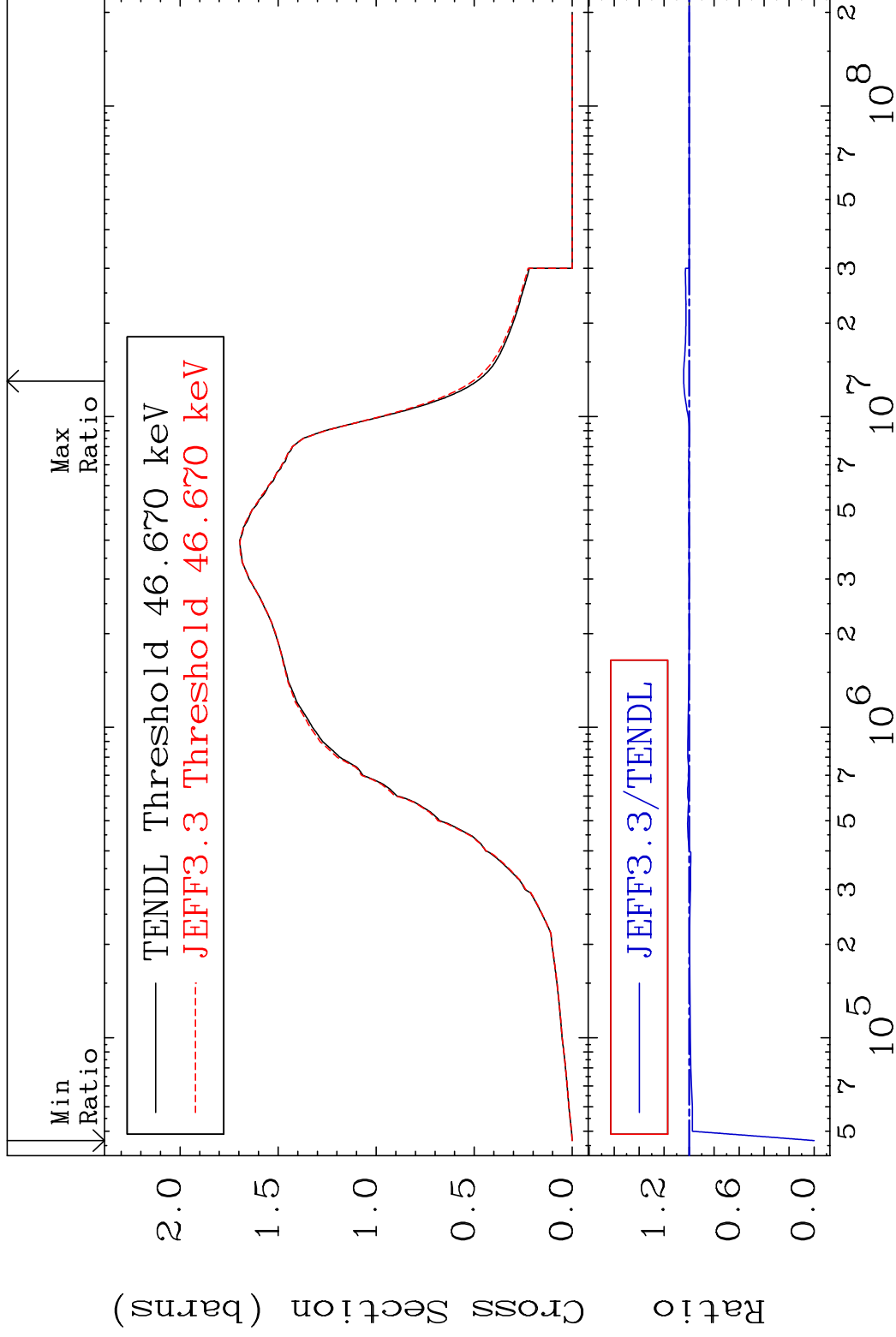
33-AS-72

MAT 3316

Inelastic

33-As-72

Cross Section -100.0 To 4.381 %



3

Incident Energy (eV)

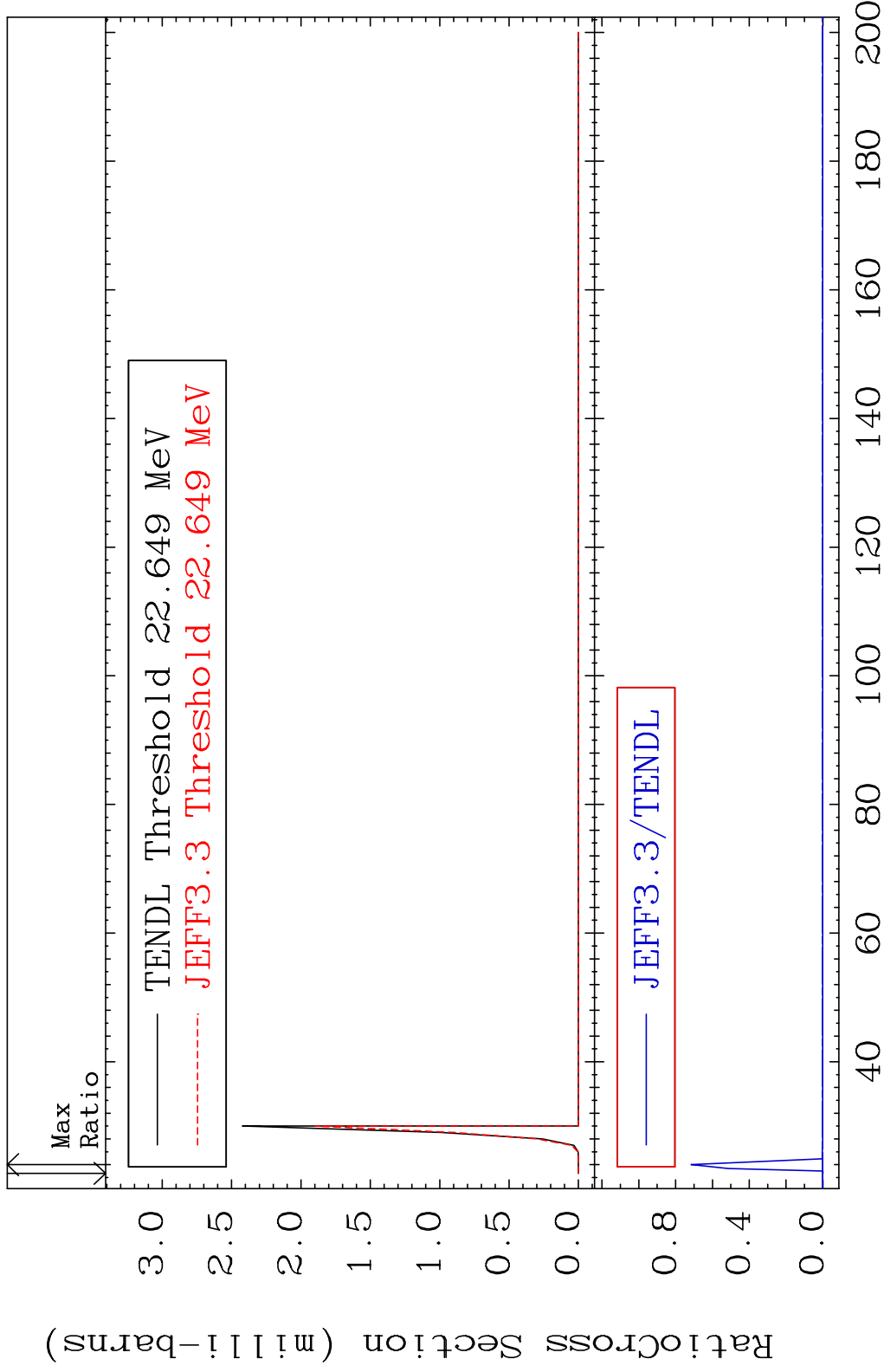
33-As-72

MAT 3316

(n,2n) d

33-As-72

Cross Section -100.0 To 9999. %

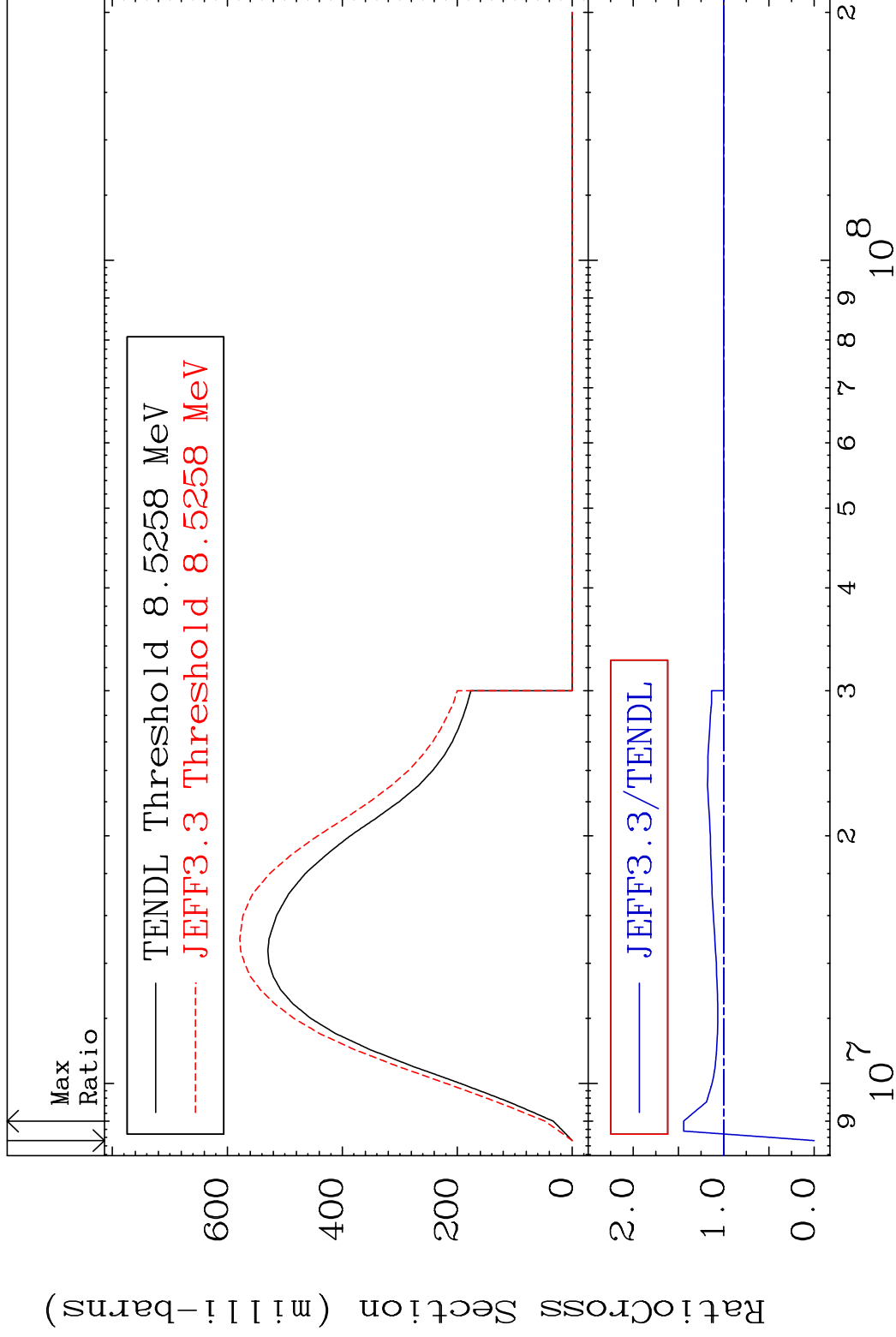


MAT 3316

(n,2n)

33-As-72

Cross Section -100.0 To 44.16 %



5

Incident Energy (eV)

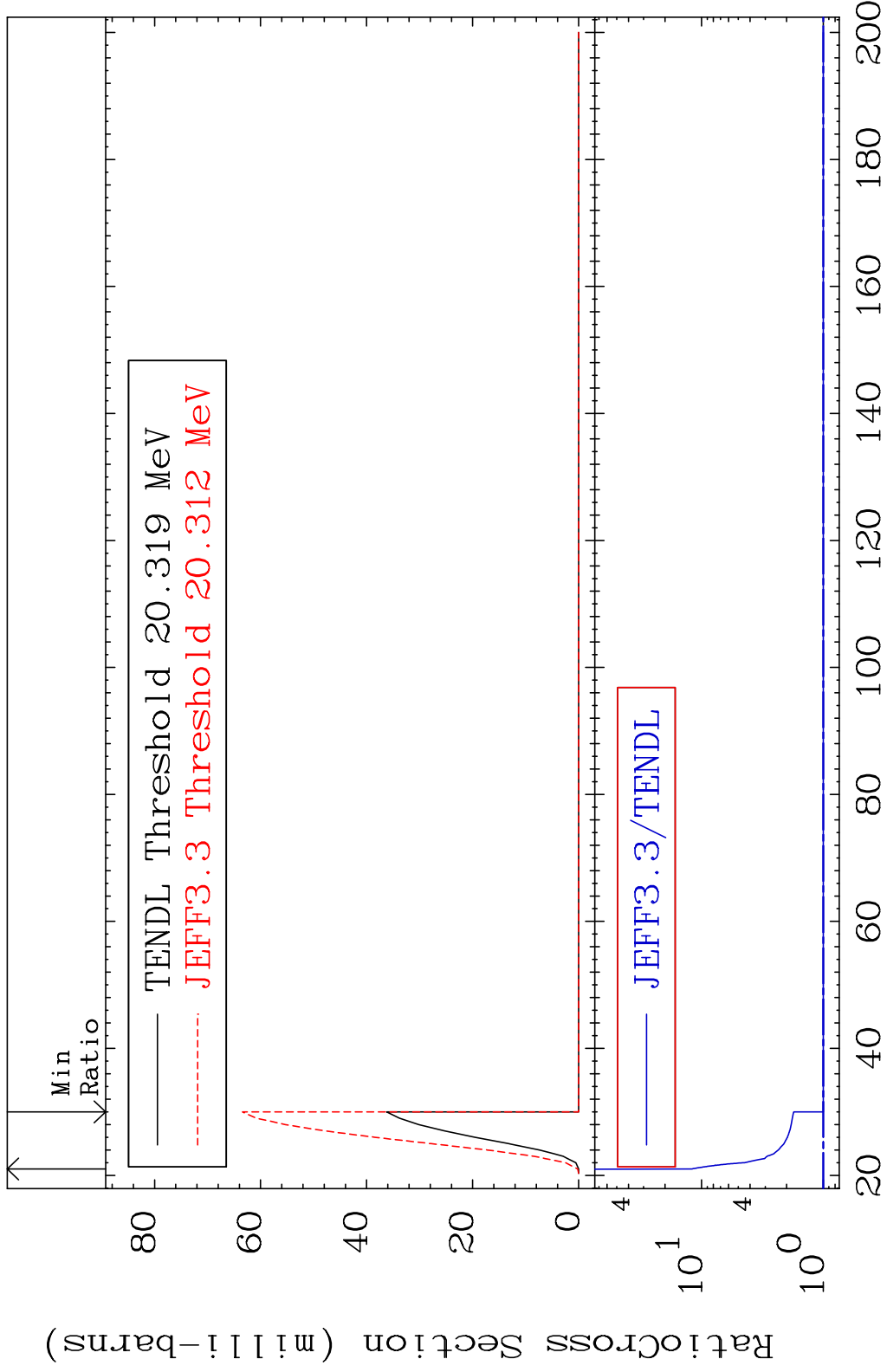
33-As-72

MAT 3316

(n,3n)

33-AS-72

Cross Section 0.000 To 1116. %

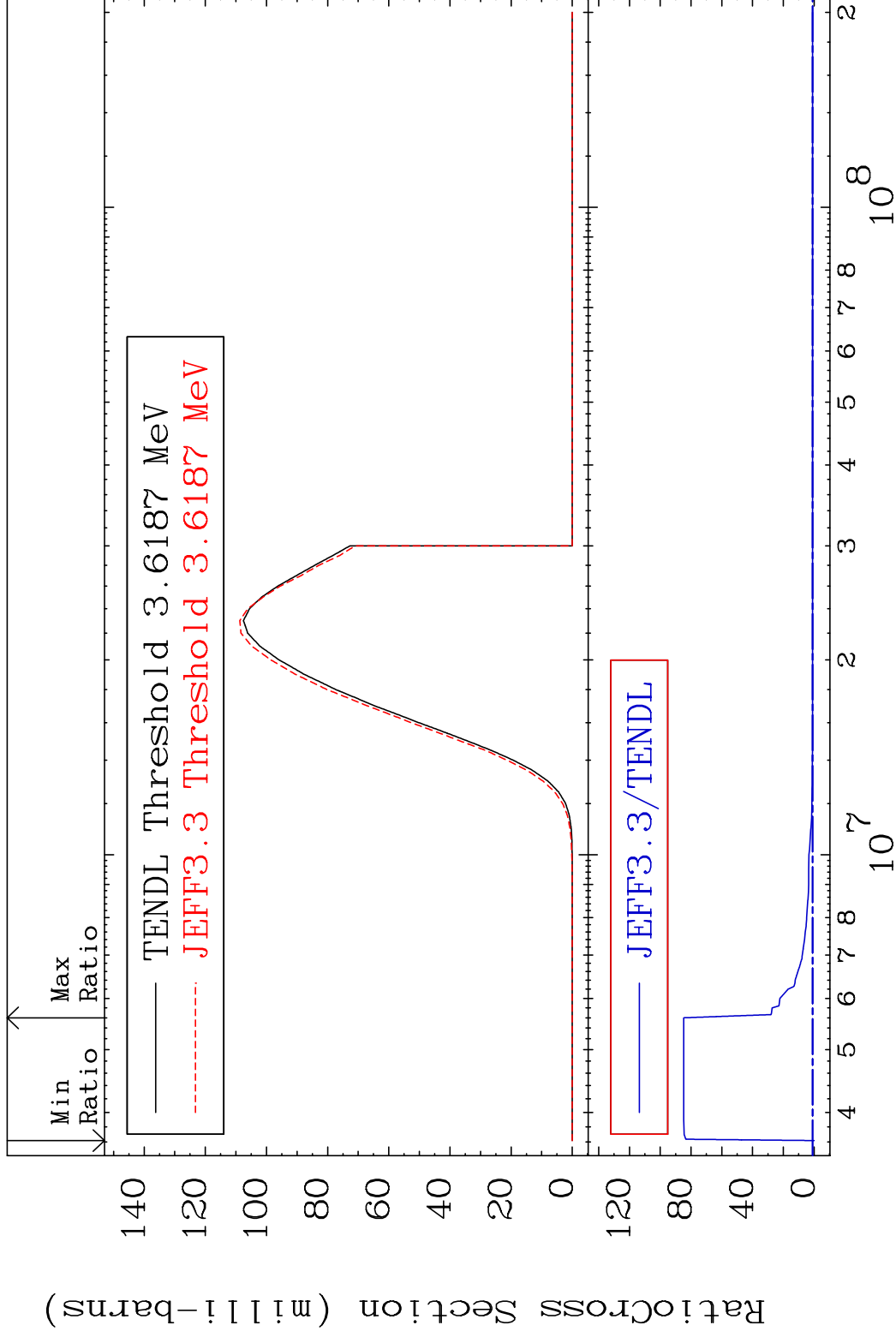


MAT 3316

(n, n') α

33-AS-72

Cross Section -100.0 To 8377. %



7

Incident Energy (eV)

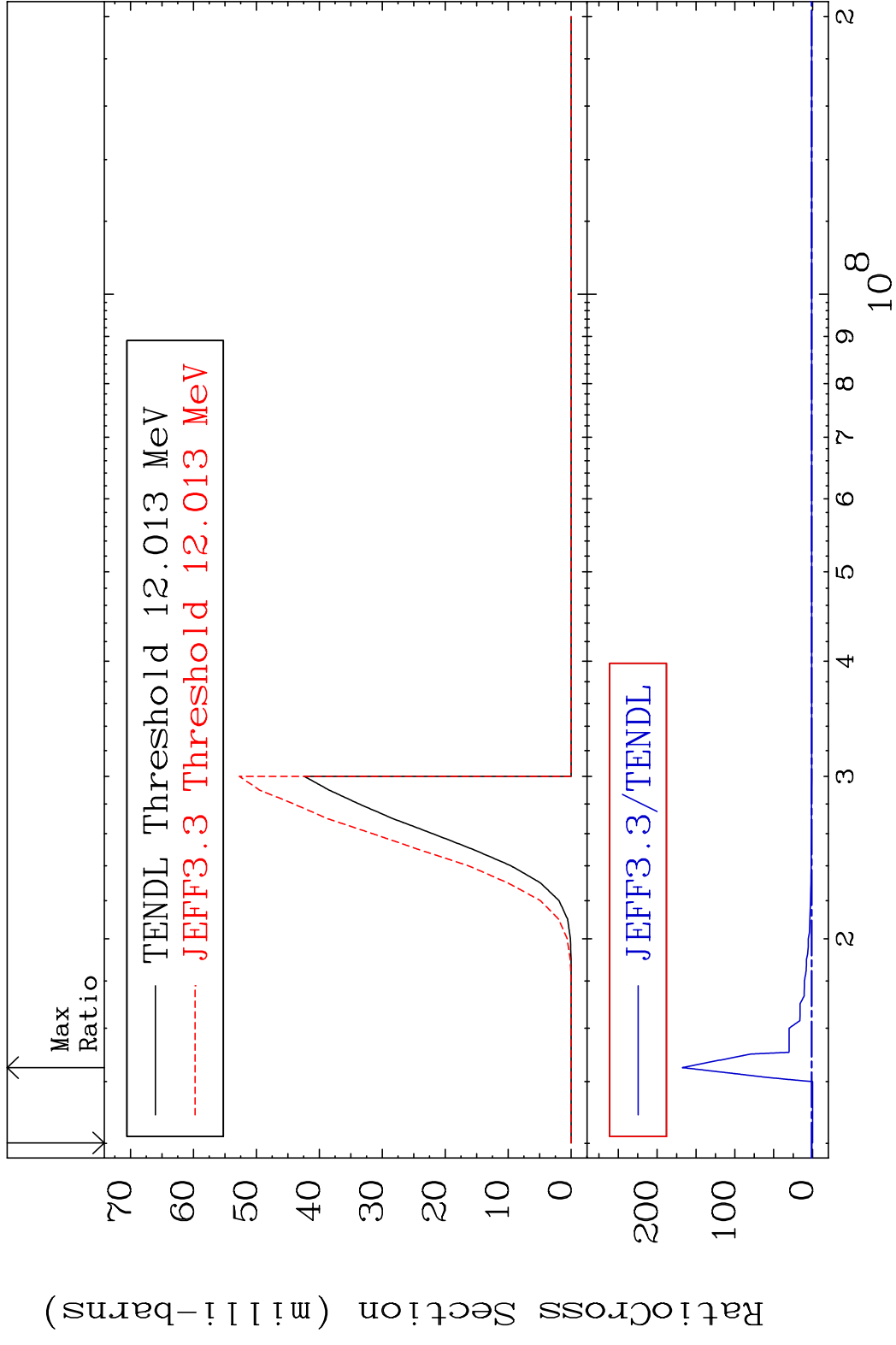
33-AS-72

MAT 3316

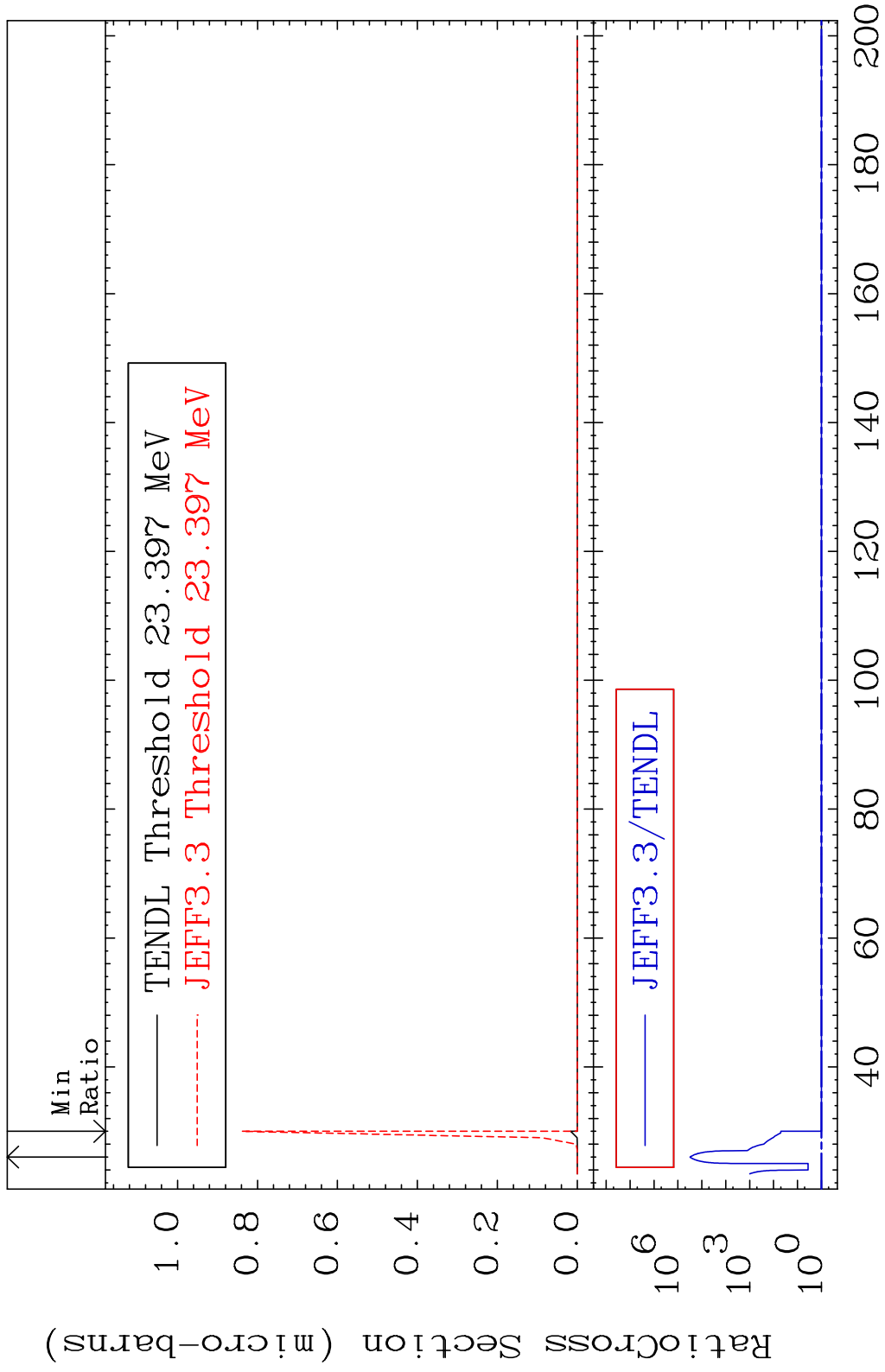
(n,2n) α

33-As-72

Cross Section -100.0 To 9999. %



MAT 3316 (n,3n) α 33-As-72
 Cross Section 0.000 To 9999. %

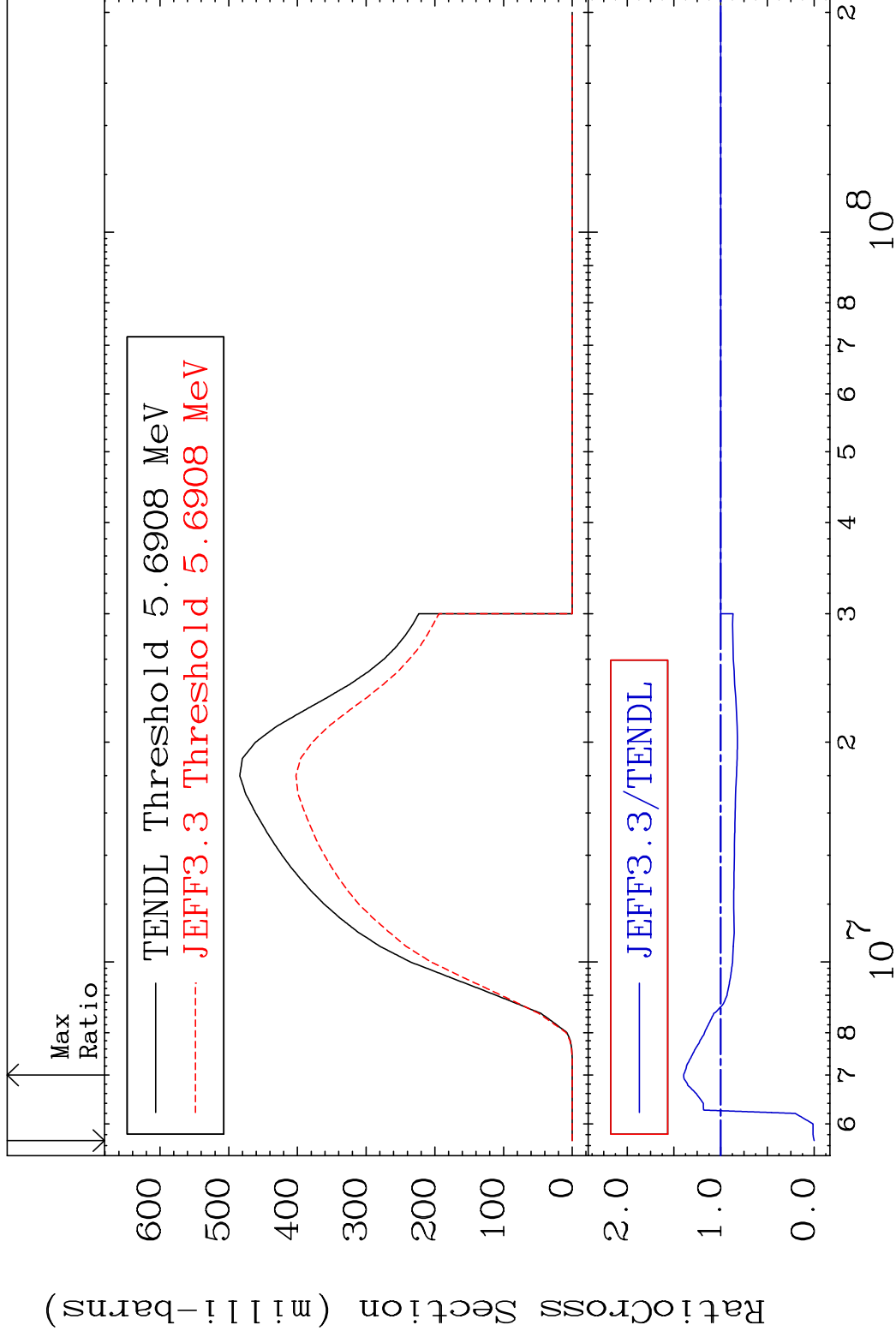


MAT 3316

(n, n') p

33-As-72

Cross Section -100.0 To 39.56 %



10

Incident Energy (eV)

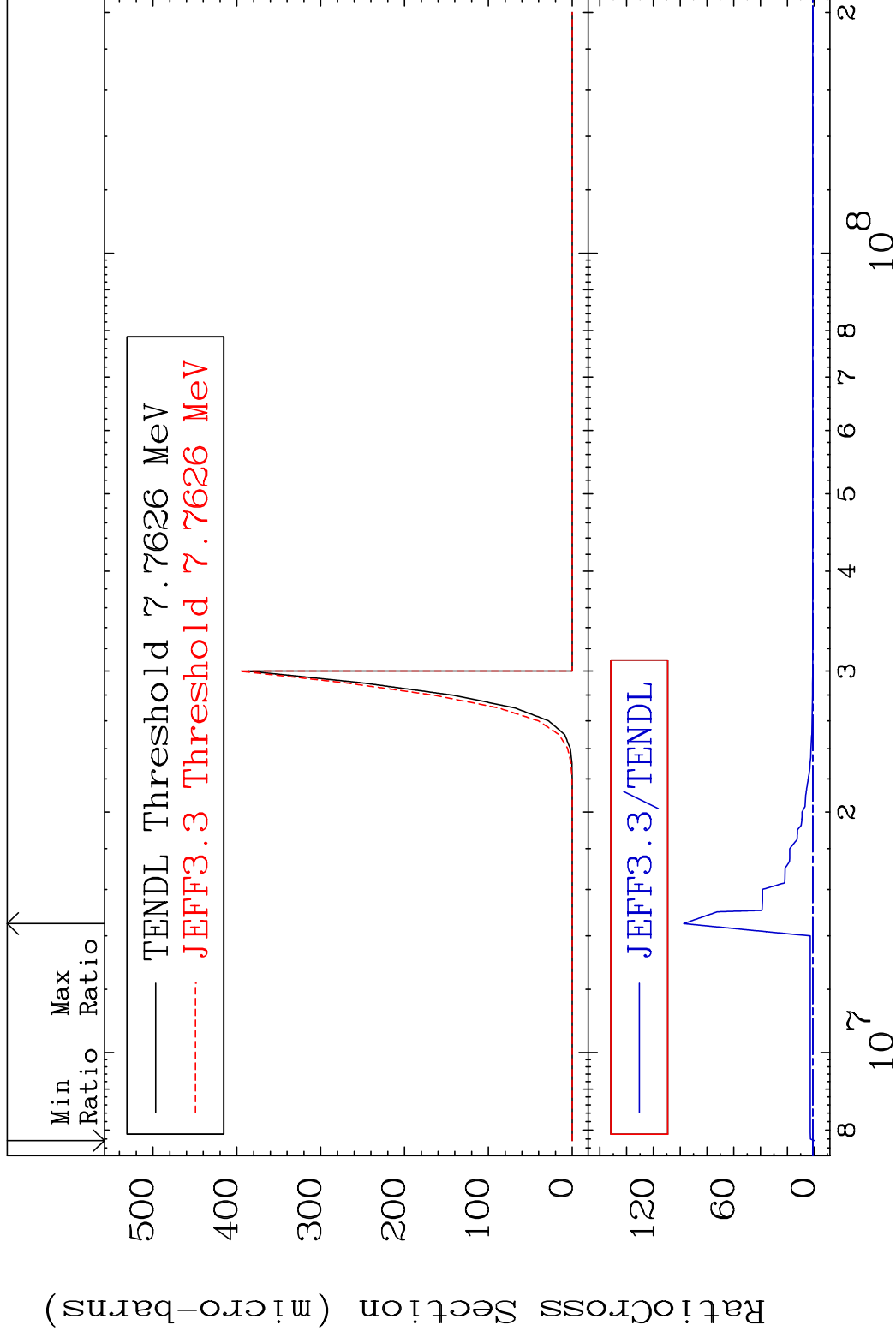
33-As-72

MAT 3316

(n, n') 2 α

33-As-72

Cross Section -100.0 To 9640. %



11

Incident Energy (eV)

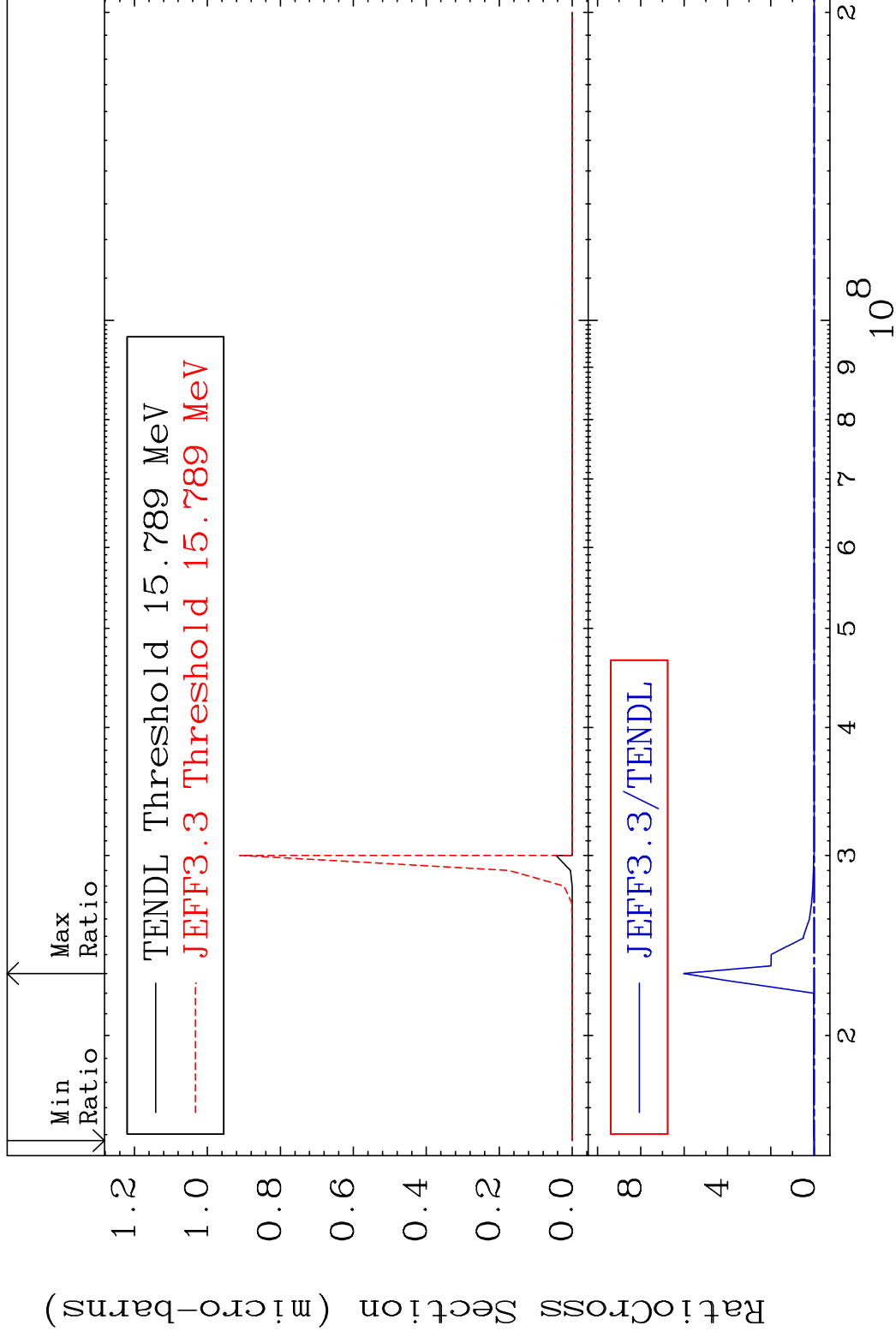
33-As-72

MAT 3316

(n,2n) 2α

33-As-72

Cross Section -100.0 To 9999. %

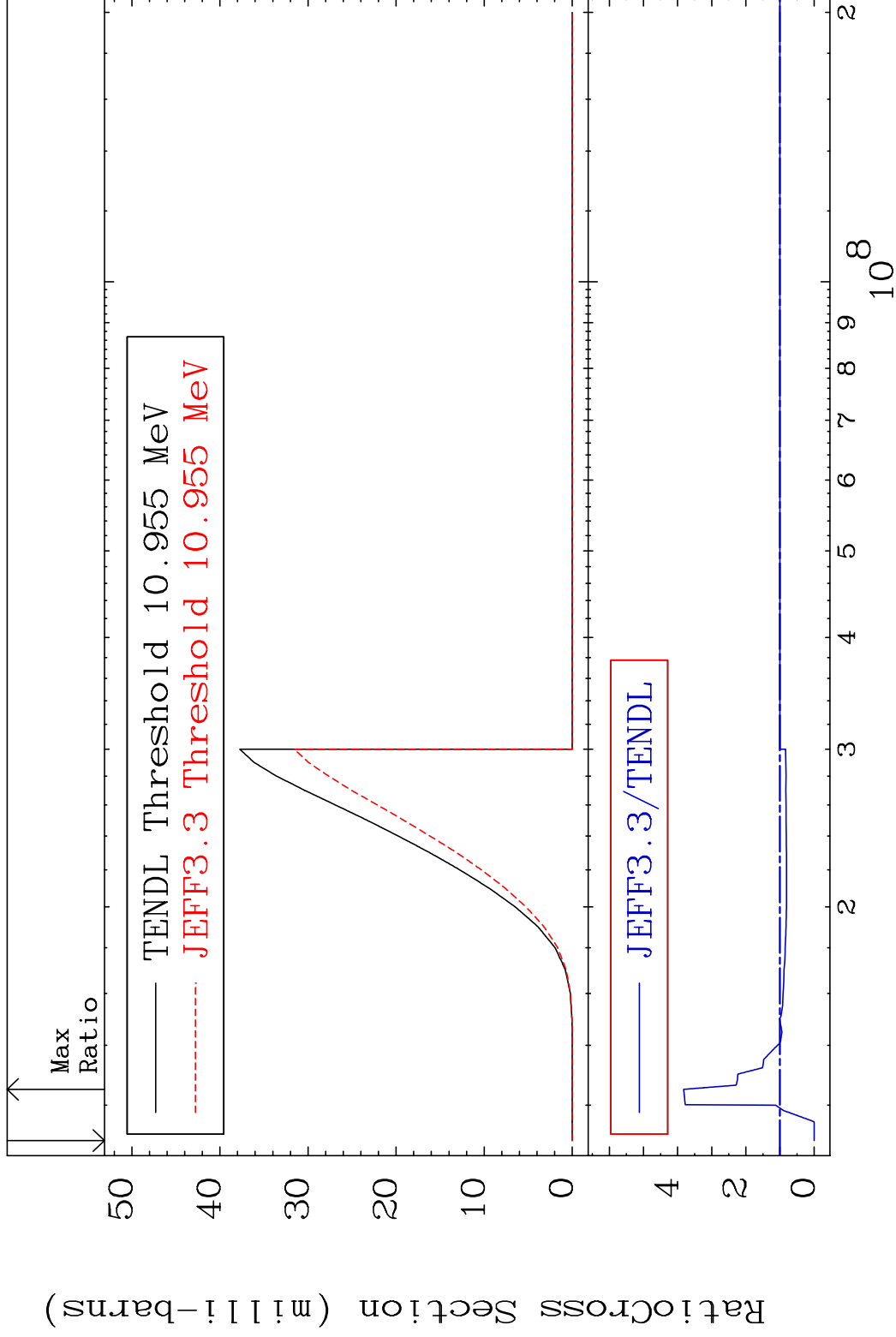


MAT 3316

(n, n') d

33-As-72

Cross Section -100.0 To 282.3 %

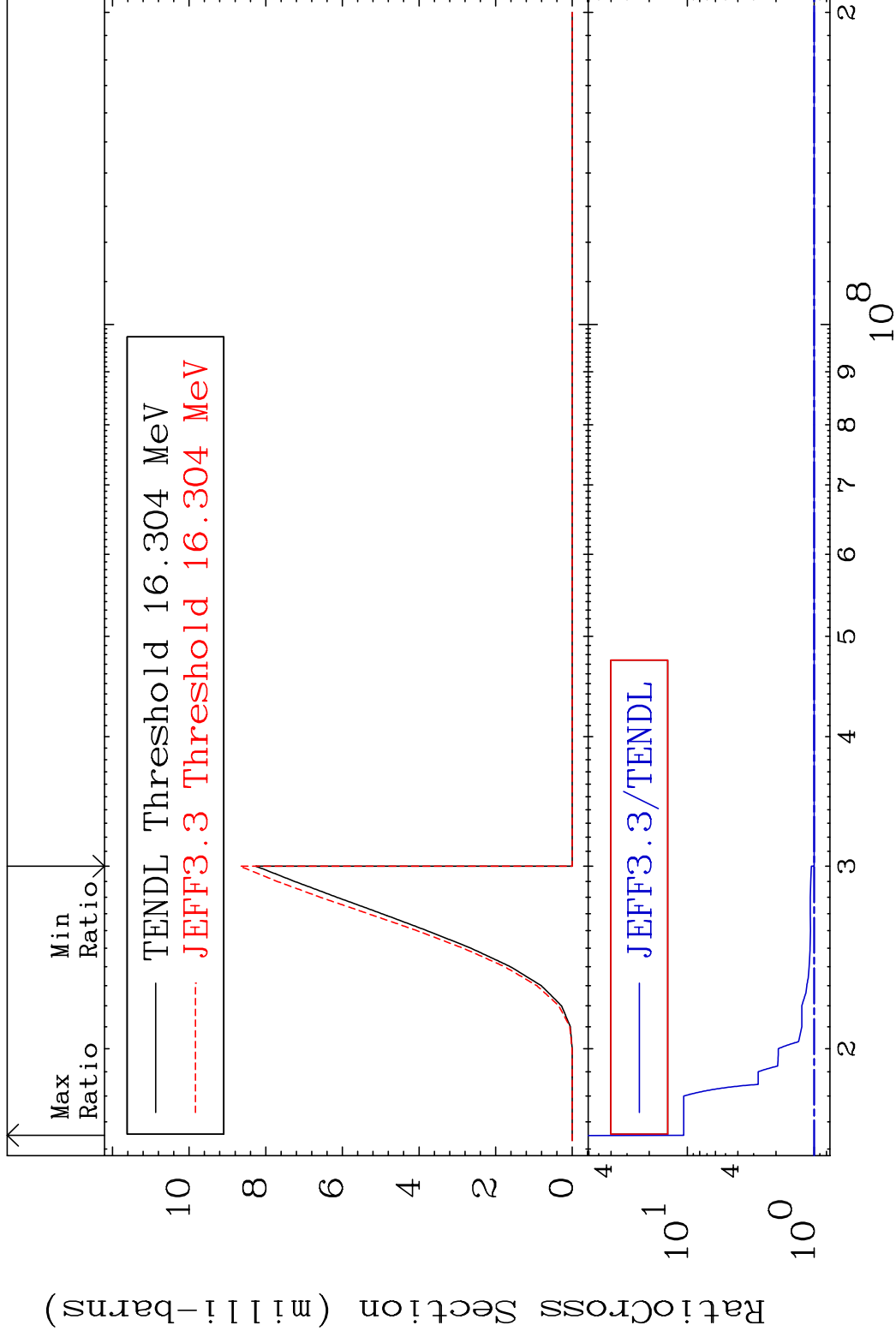


MAT 3316

(n, n') t

33-As-72

Cross Section 0.000 To 970.0 %

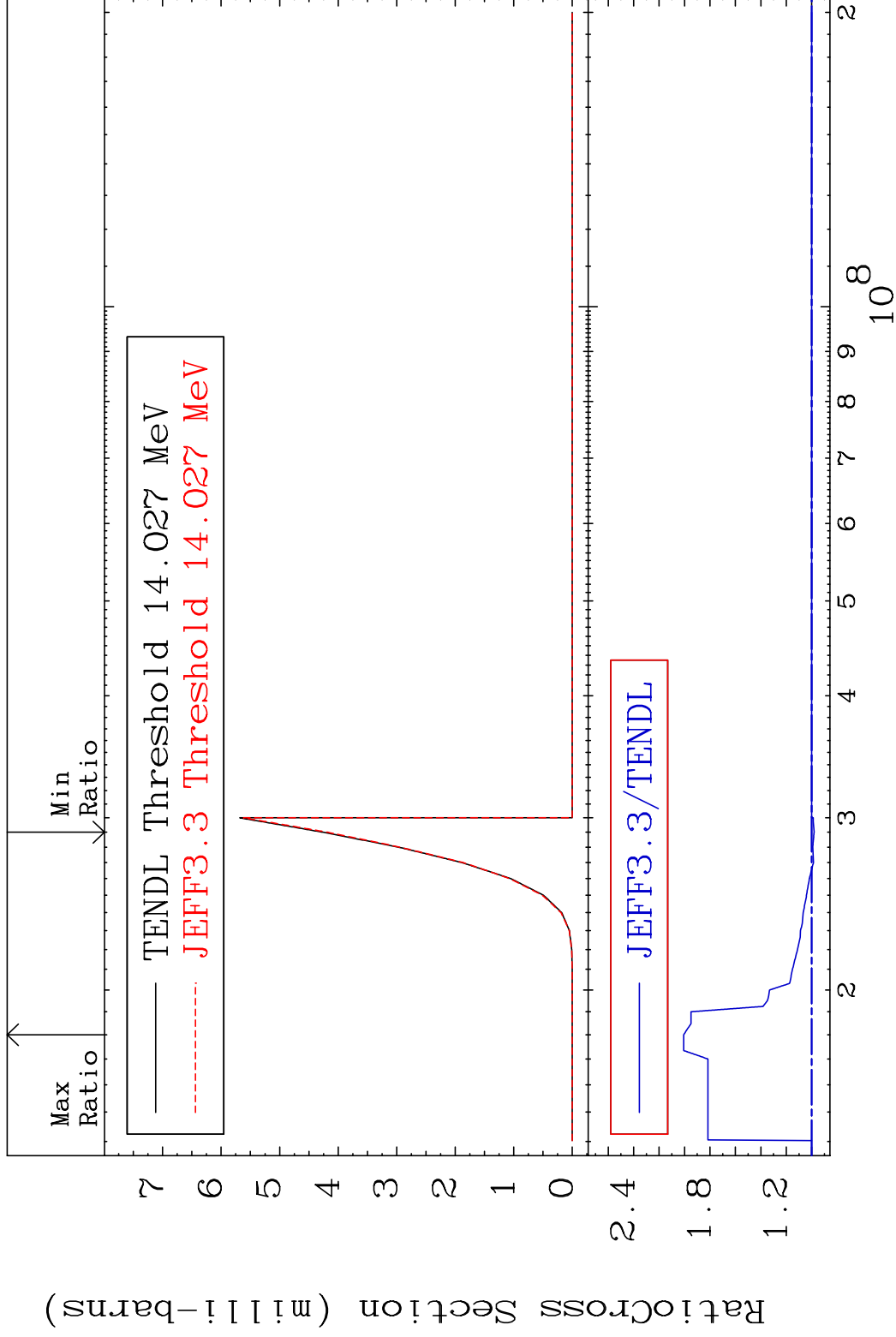


MAT 3316

(n,n') He-3

33-As-72

Cross Section -1.857 To 100.7 %

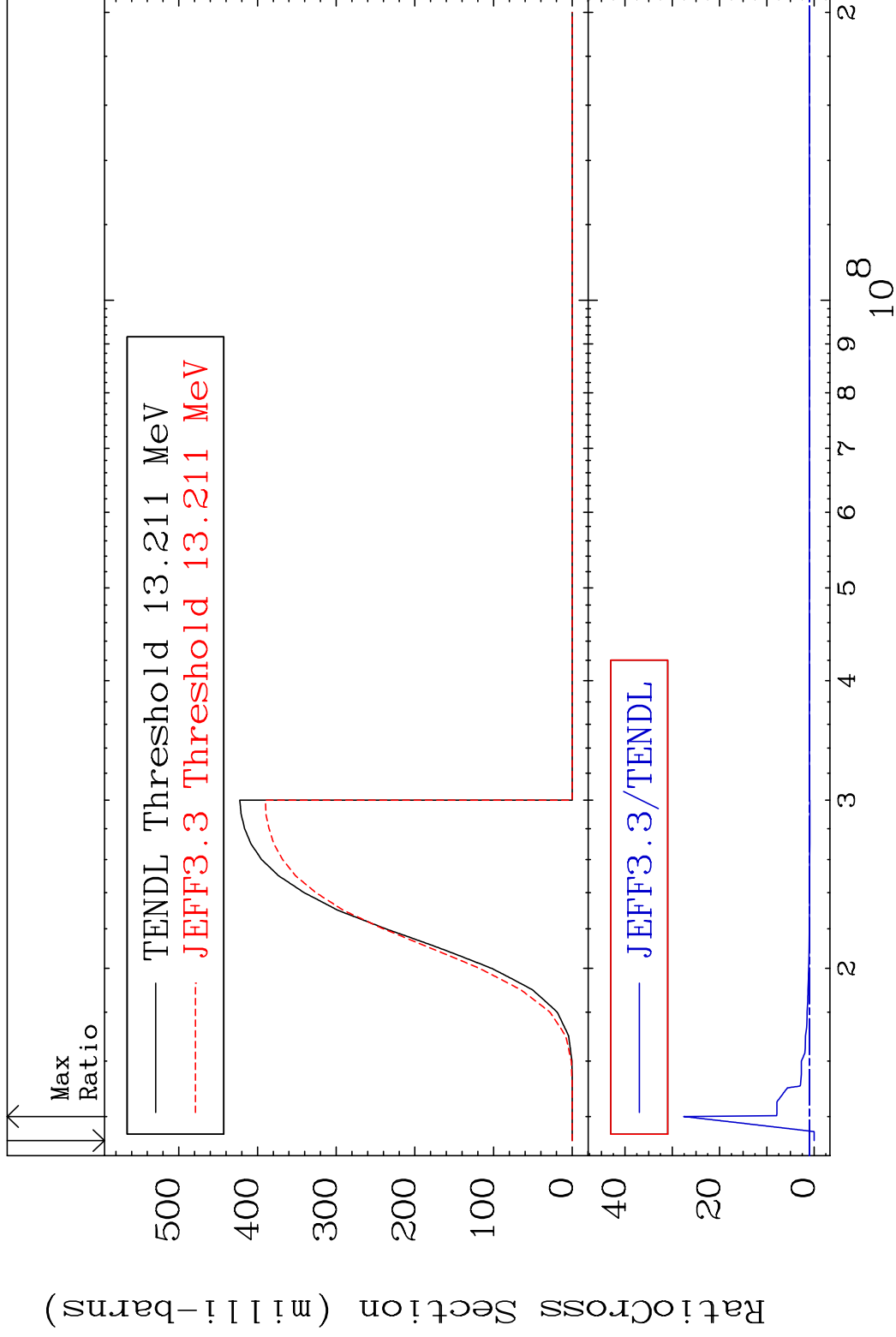


MAT 3316

(n,2n) p

33-As-72

Cross Section -100.0 To 2660. %



16

Incident Energy (eV)

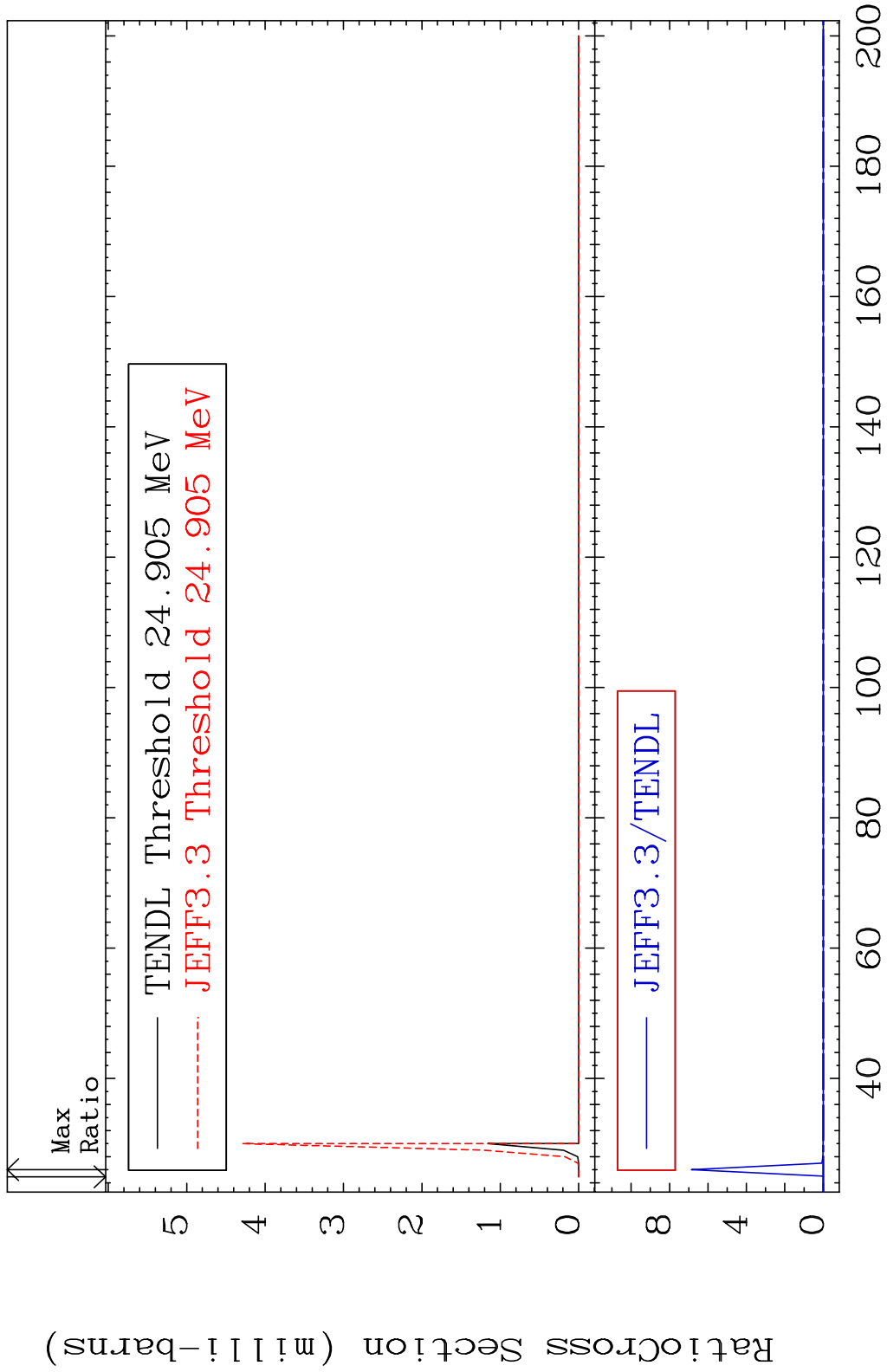
33-As-72

MAT 3316

(n,3n) p

33-As-72

Cross Section -100.0 To 9999. %

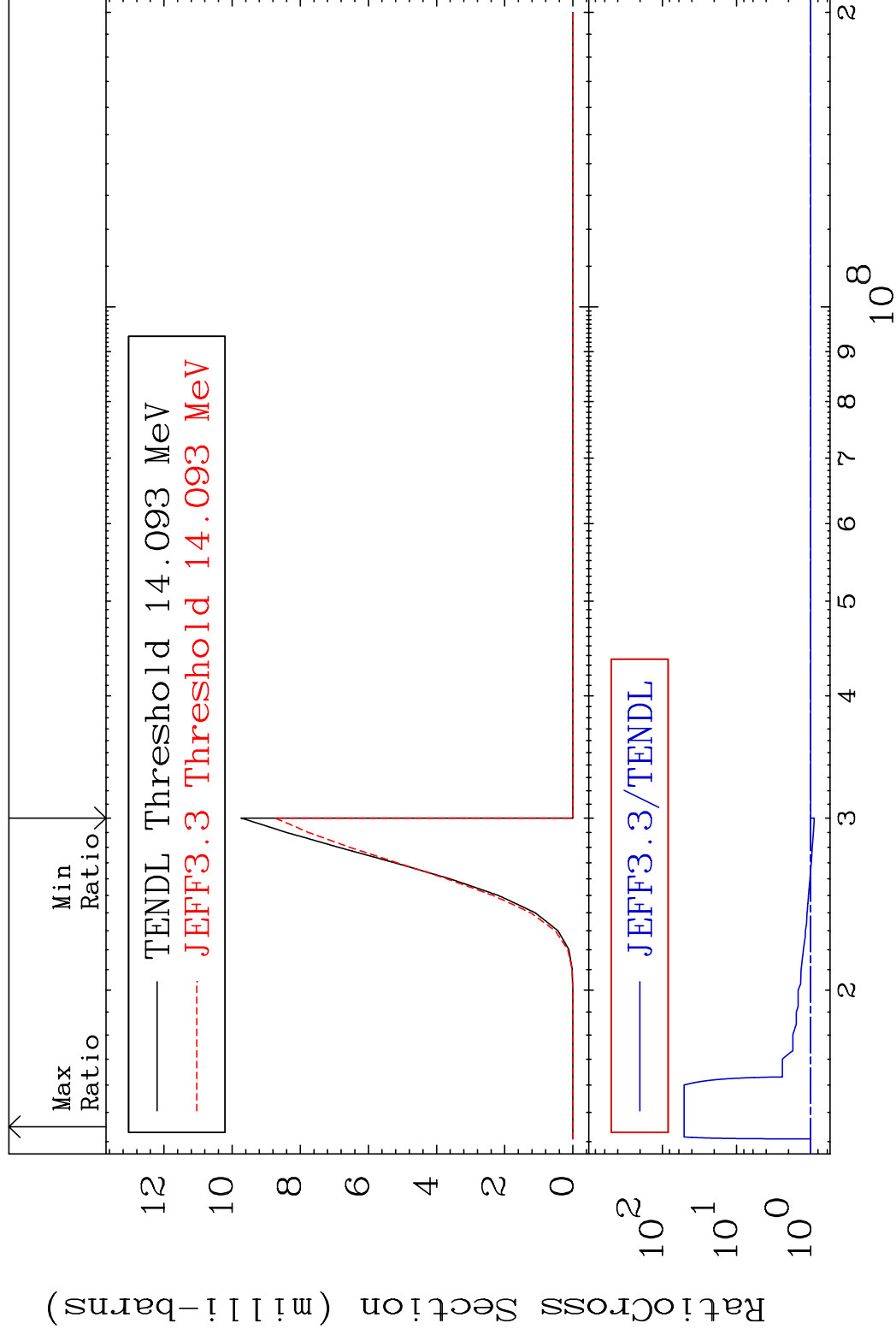


MAT 3316

(n,2n) p

33-As-72

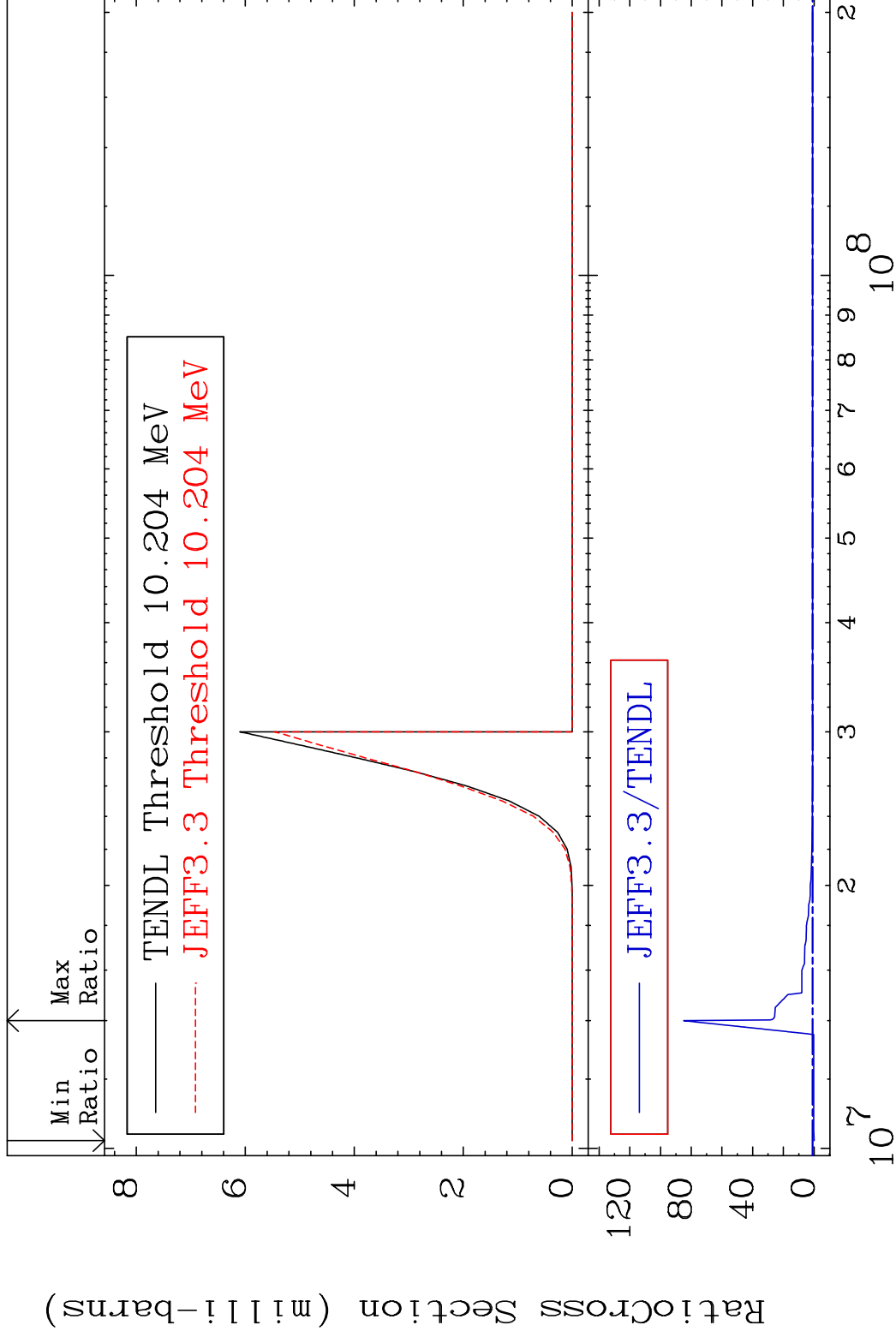
Cross Section -10.27 To 5008. %



MAT 3316

(n,n') p α 33-As-72

Cross Section -100.0 To 8393. %

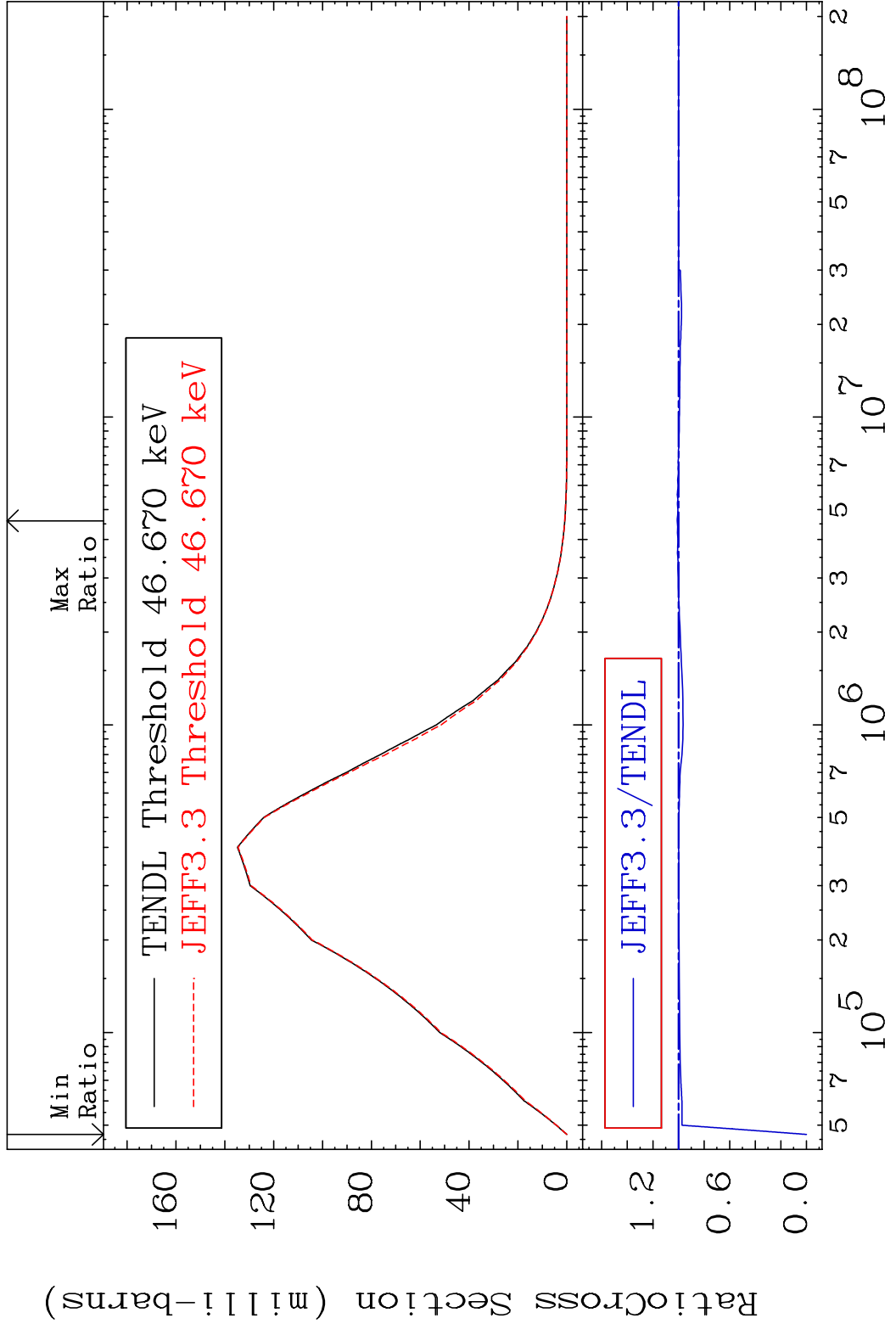


19

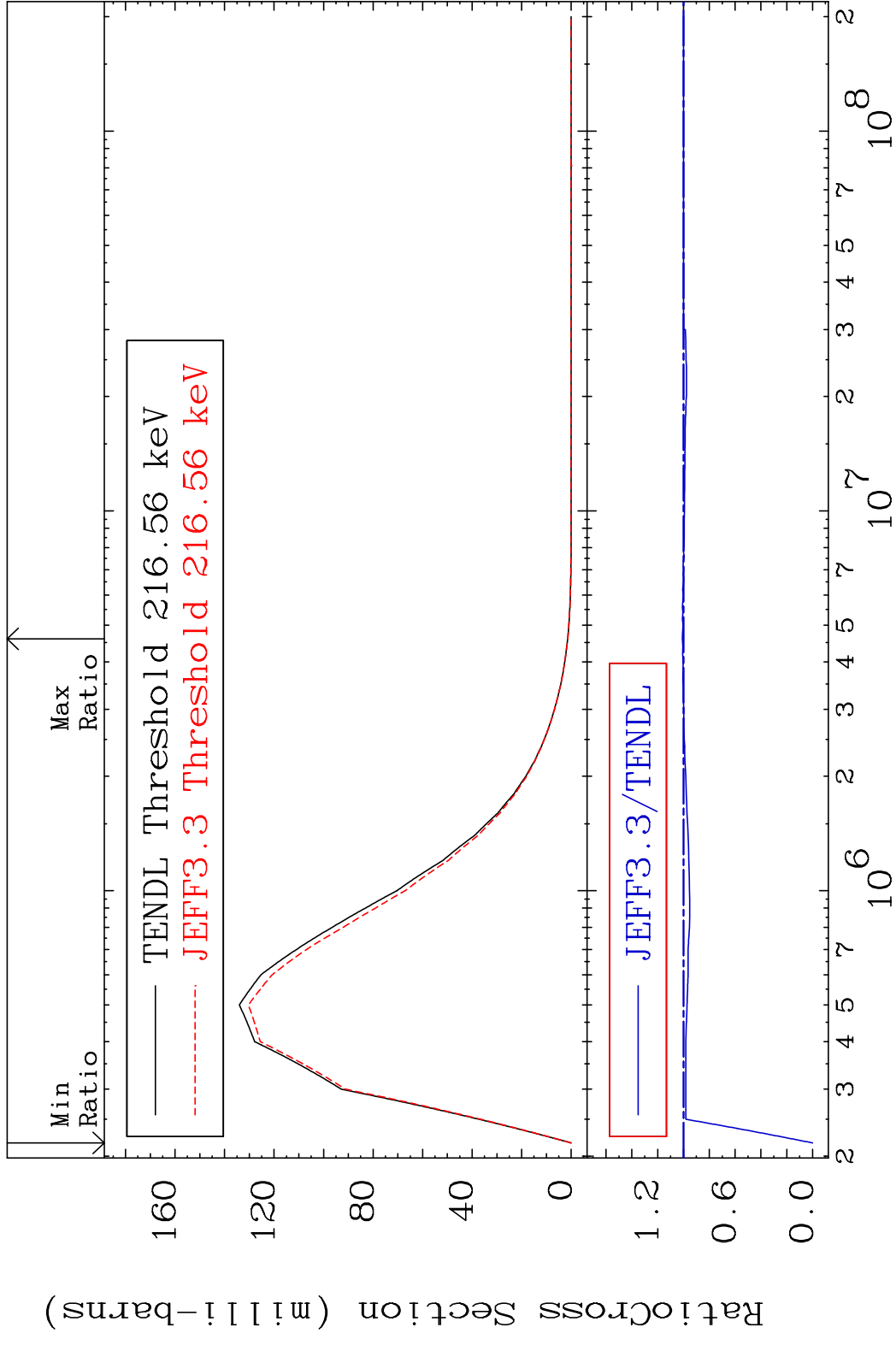
Incident Energy (eV)

33-As-72

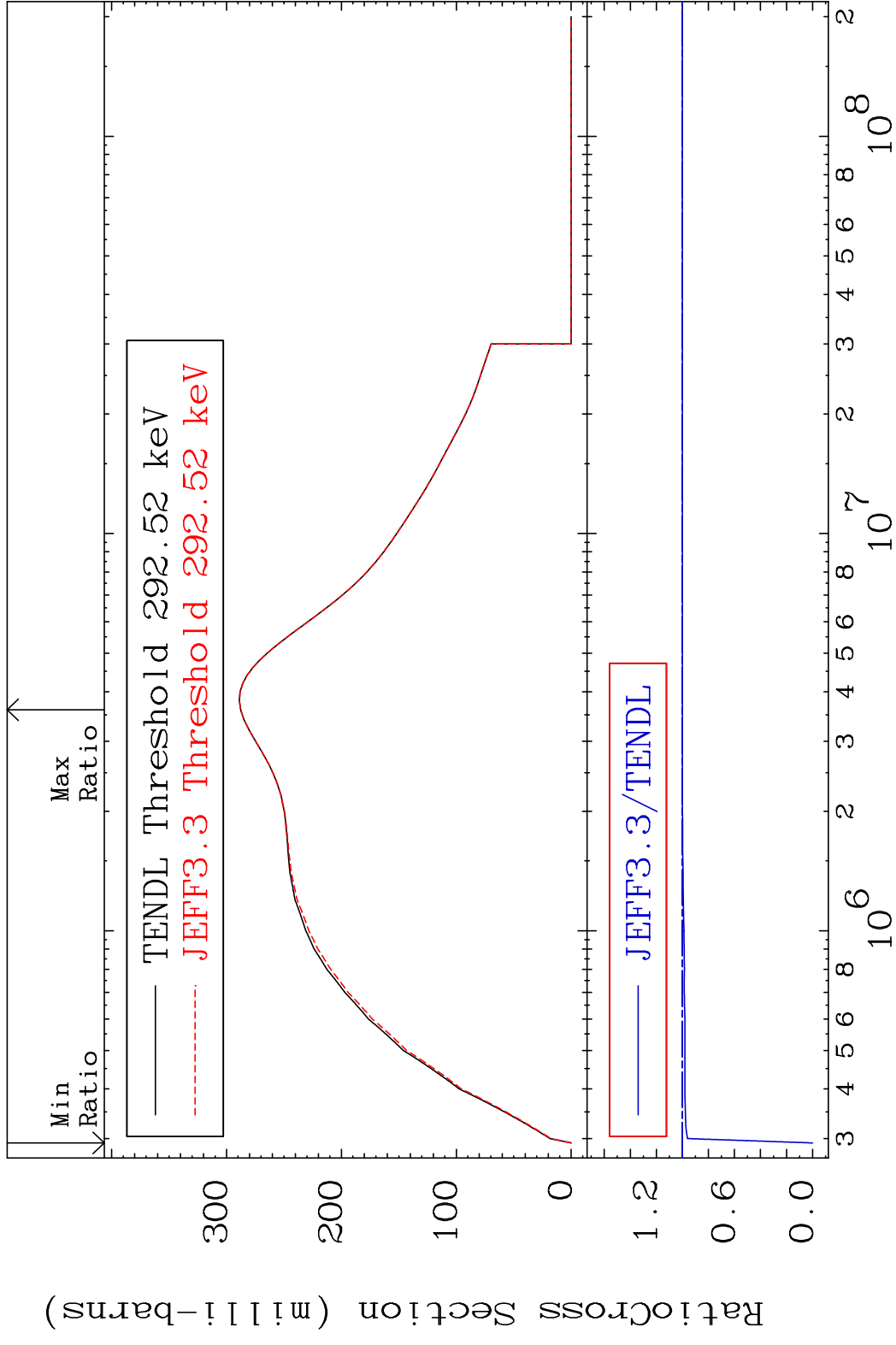
MAT 3316 MT= 51 (n, n') Level 33-As-72
 Cross Section -100.0 To 1.009 %



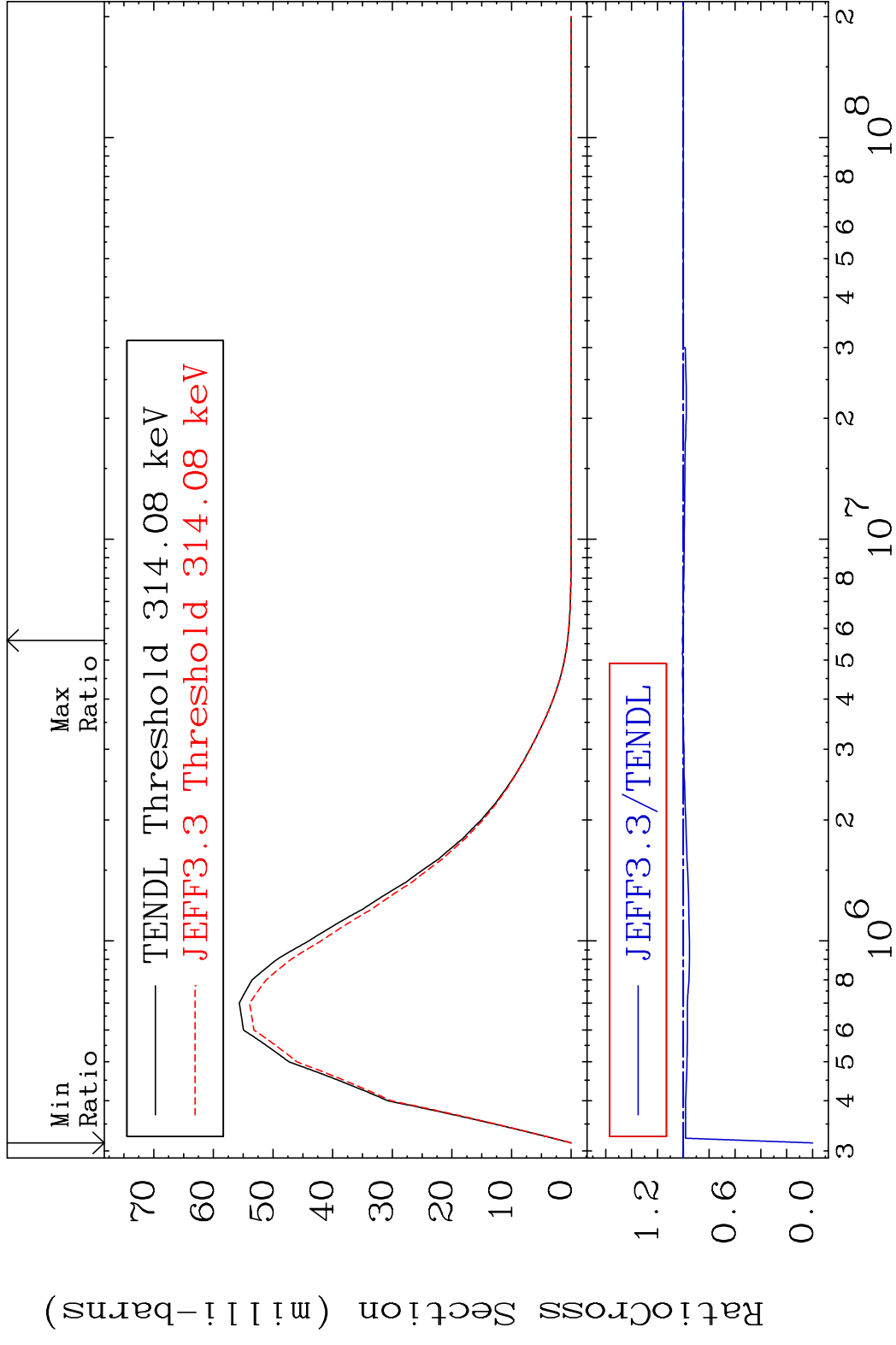
MAT 3316 MT= 52 (n,n') Level 33-As-72
 Cross Section -100.0 To 0.860 %



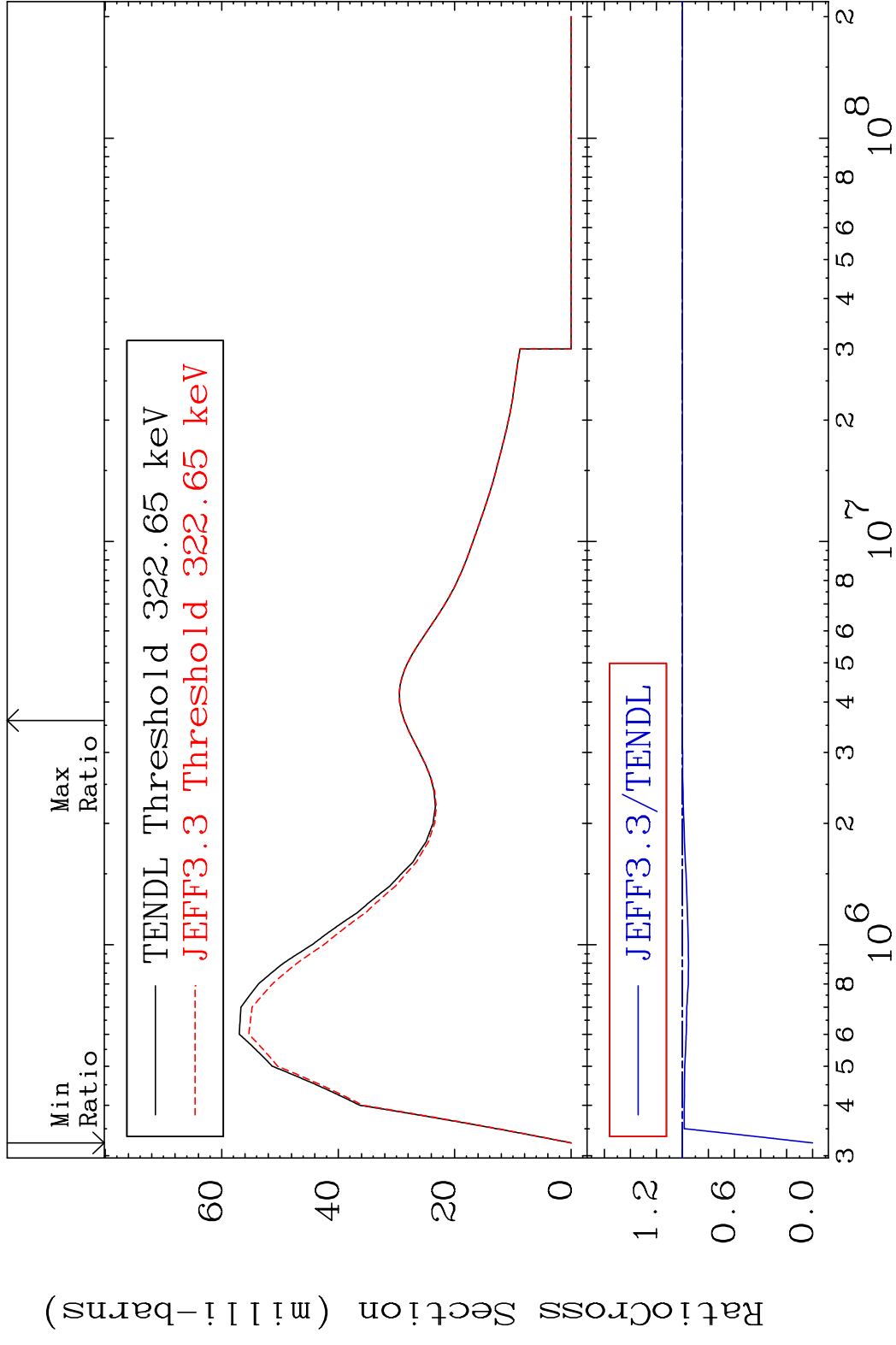
MAT 3316 MT= 53 (n, n') Level 33-As-72
 Cross Section -100.0 To 0.008 %



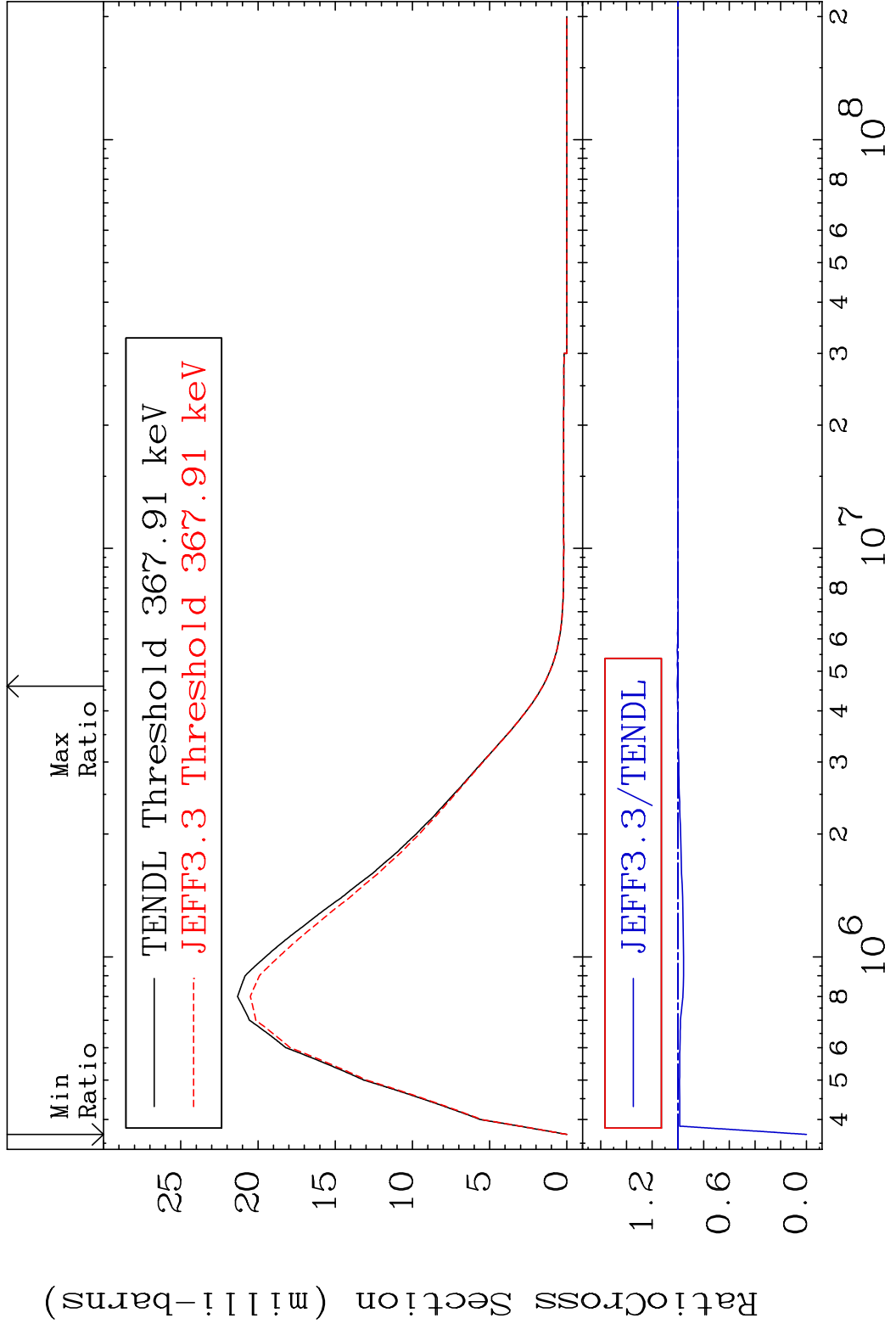
MAT 3316 MT= 54 (n,n') Level 33-As-72
 Cross Section -100.0 To 0.737 %



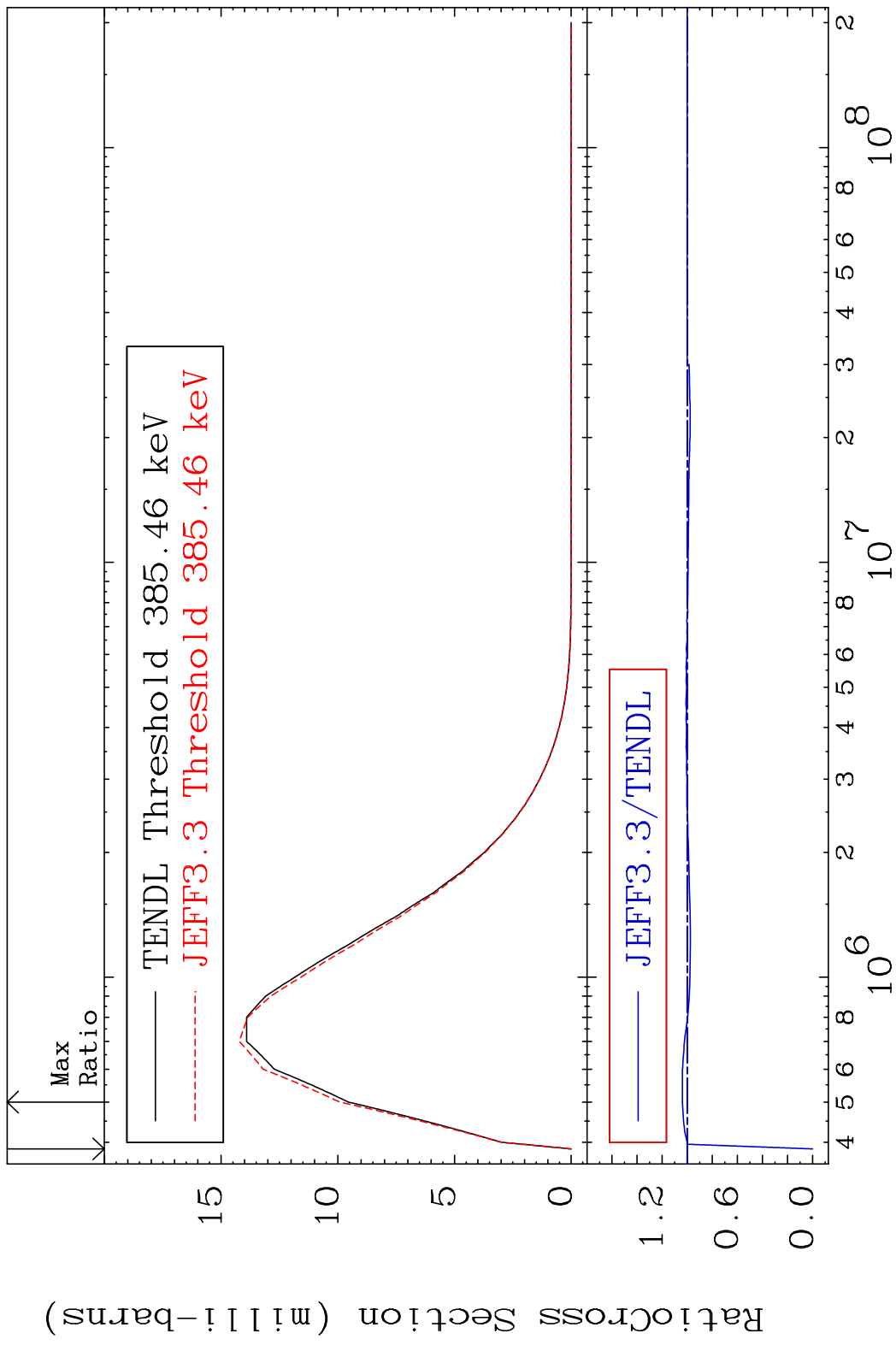
MAT 3316 MT= 55 (n, n') Level 33-As-72
 Cross Section -100.0 To 0.049 %



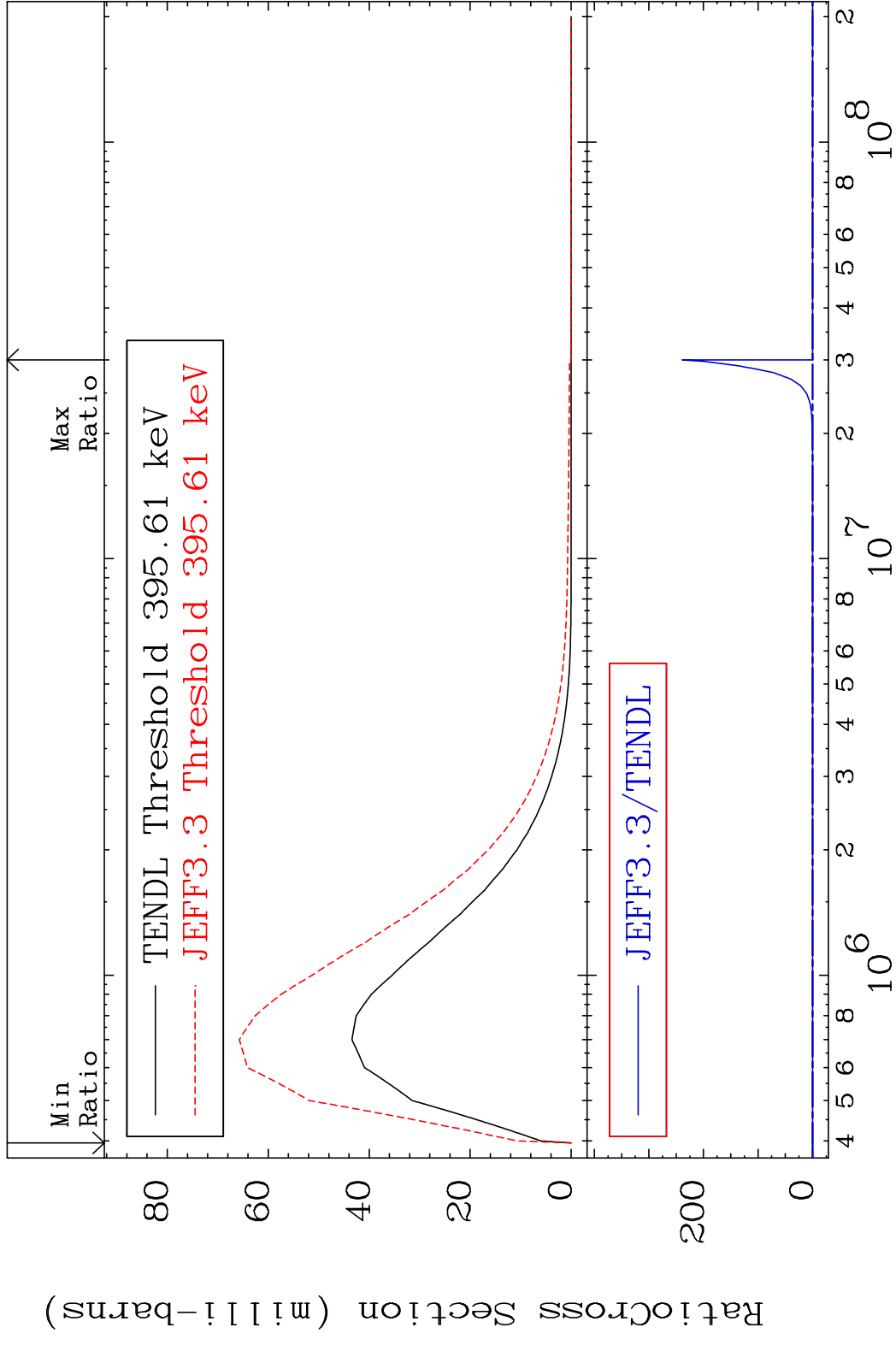
MAT 3316 MT= 56 (n, n') Level 33-As-72
 Cross Section -100.0 To 0.559 %



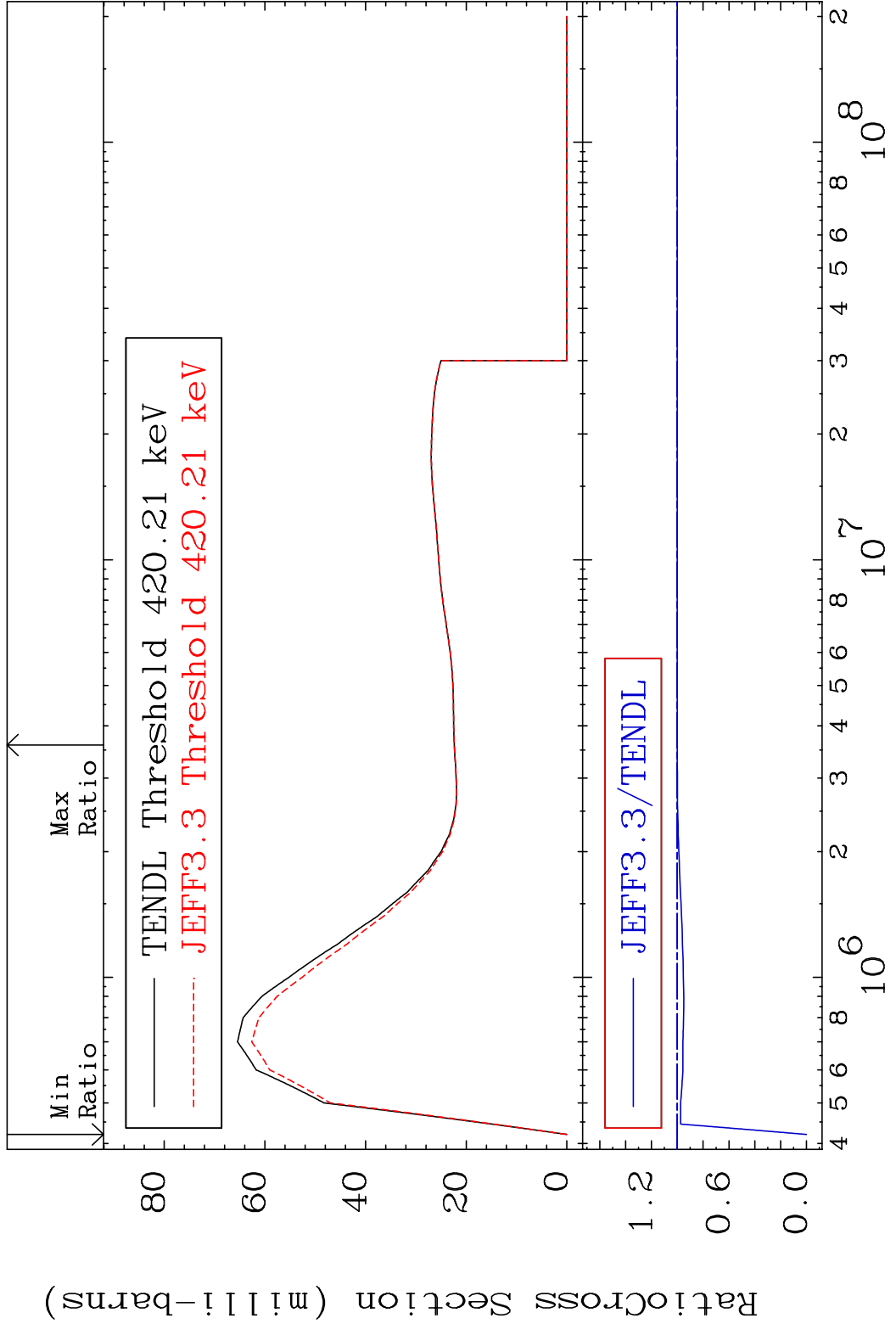
MAT 3316 MT= 57 (n,n') Level 33-As-72
 Cross Section -100.0 To 3.888 %



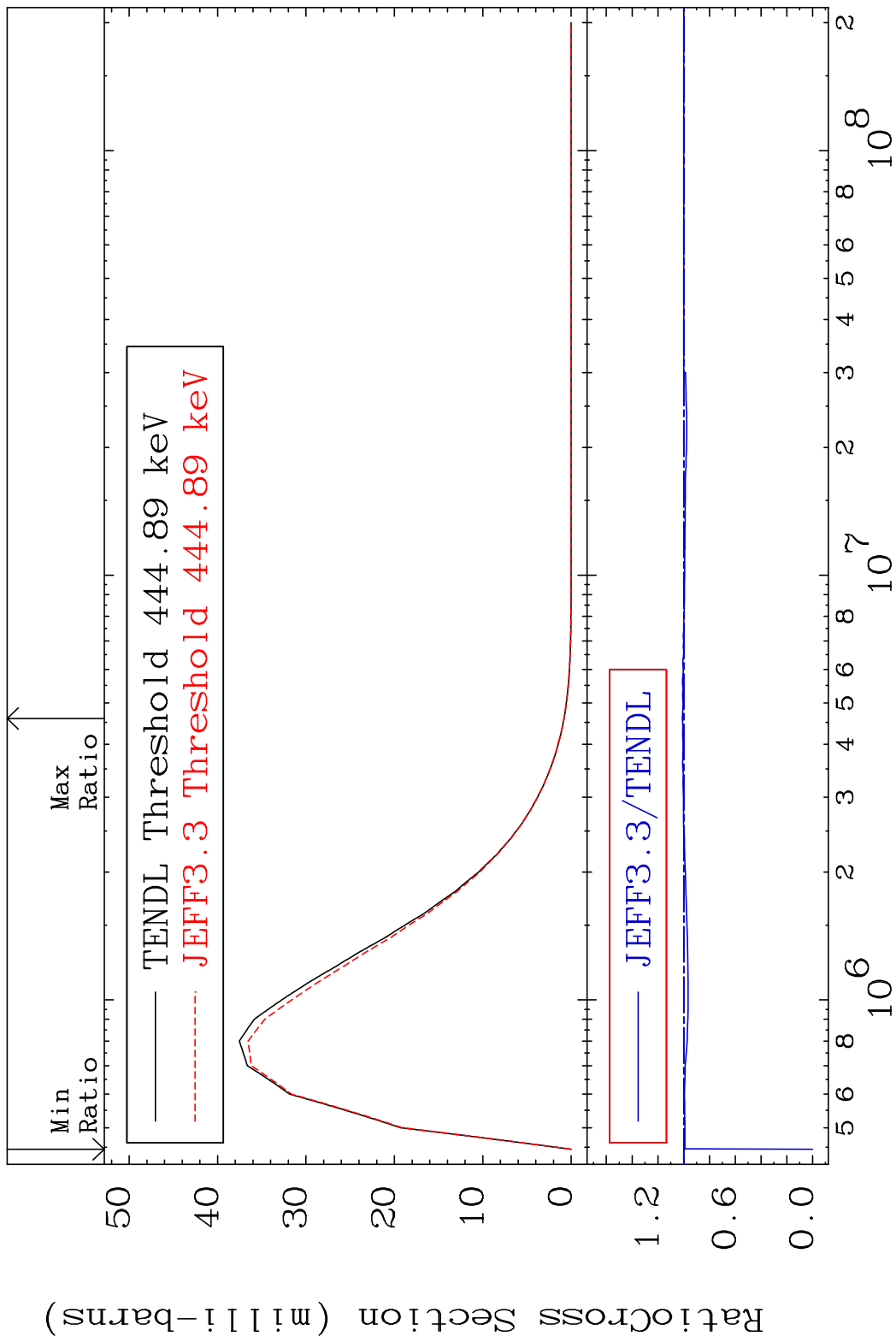
MAT 3316 MT= 58 (n, n') Level 33-As-72
 Cross Section -100.0 To 9999. %



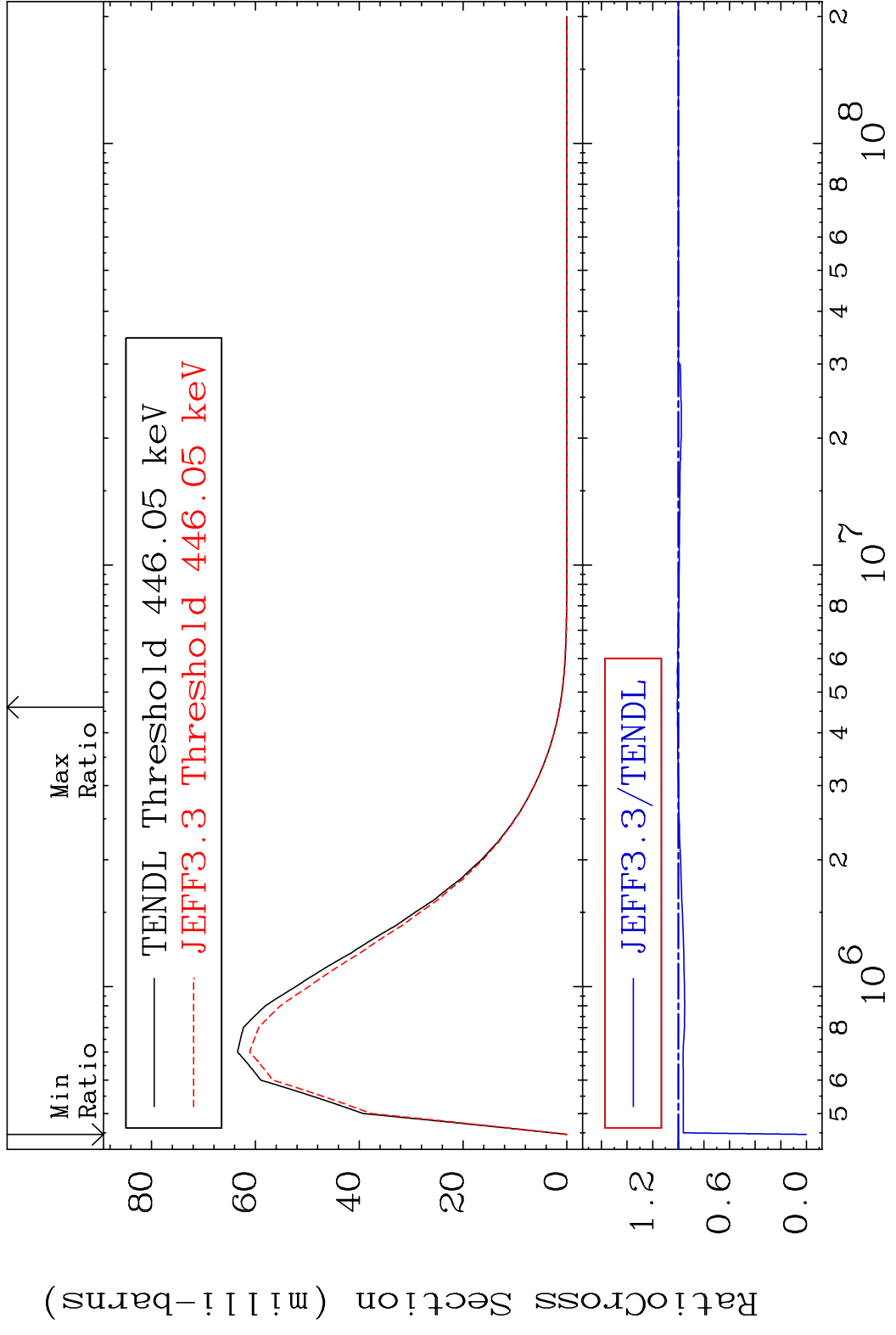
MAT 3316 MT= 59 (n, n') Level 33-As-72
 Cross Section -100.0 To 0.097 %



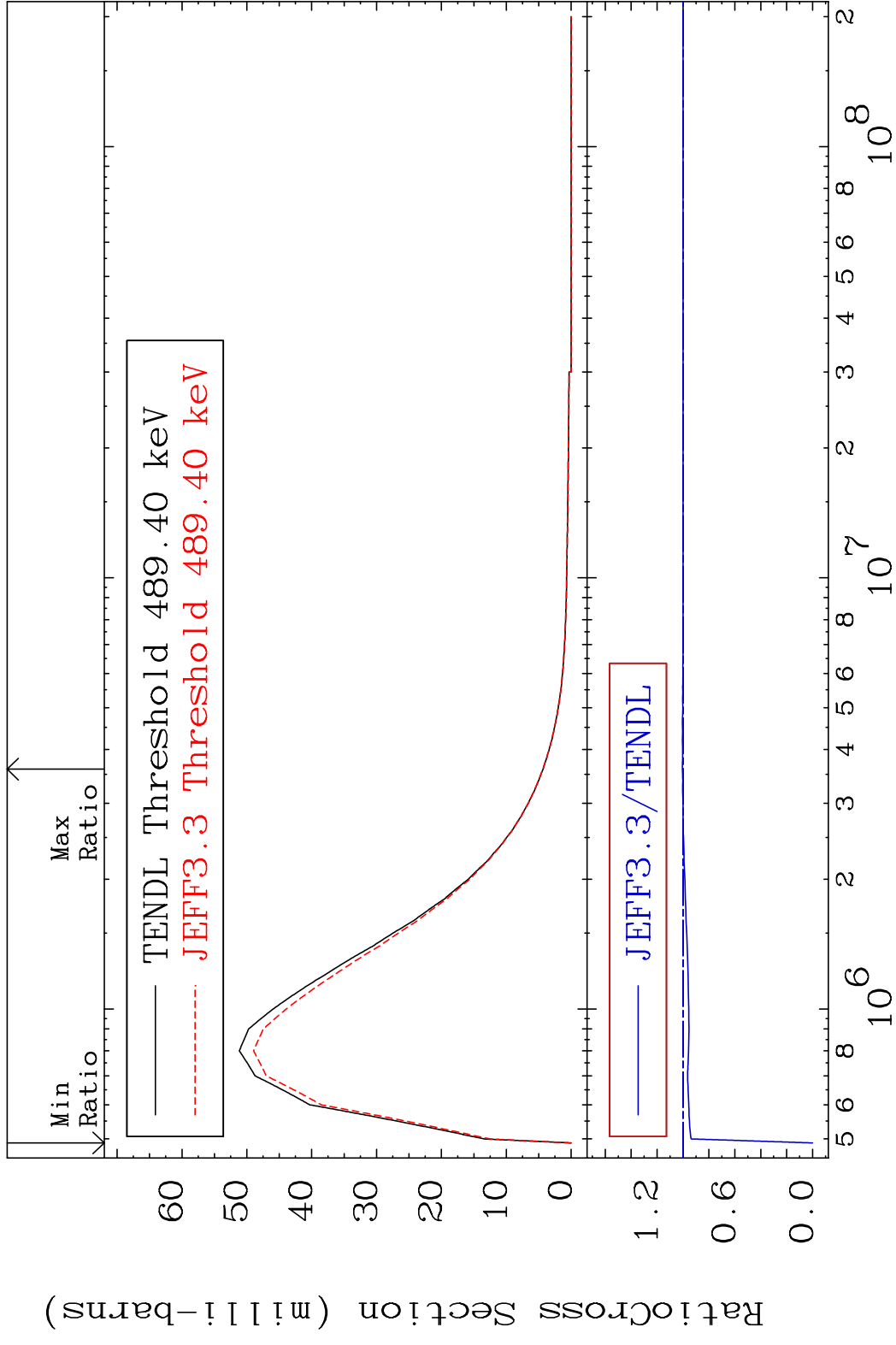
MAT 3316 MT= 60 (n, n') Level 33-As-72
 Cross Section -100.0 To 1.018 %



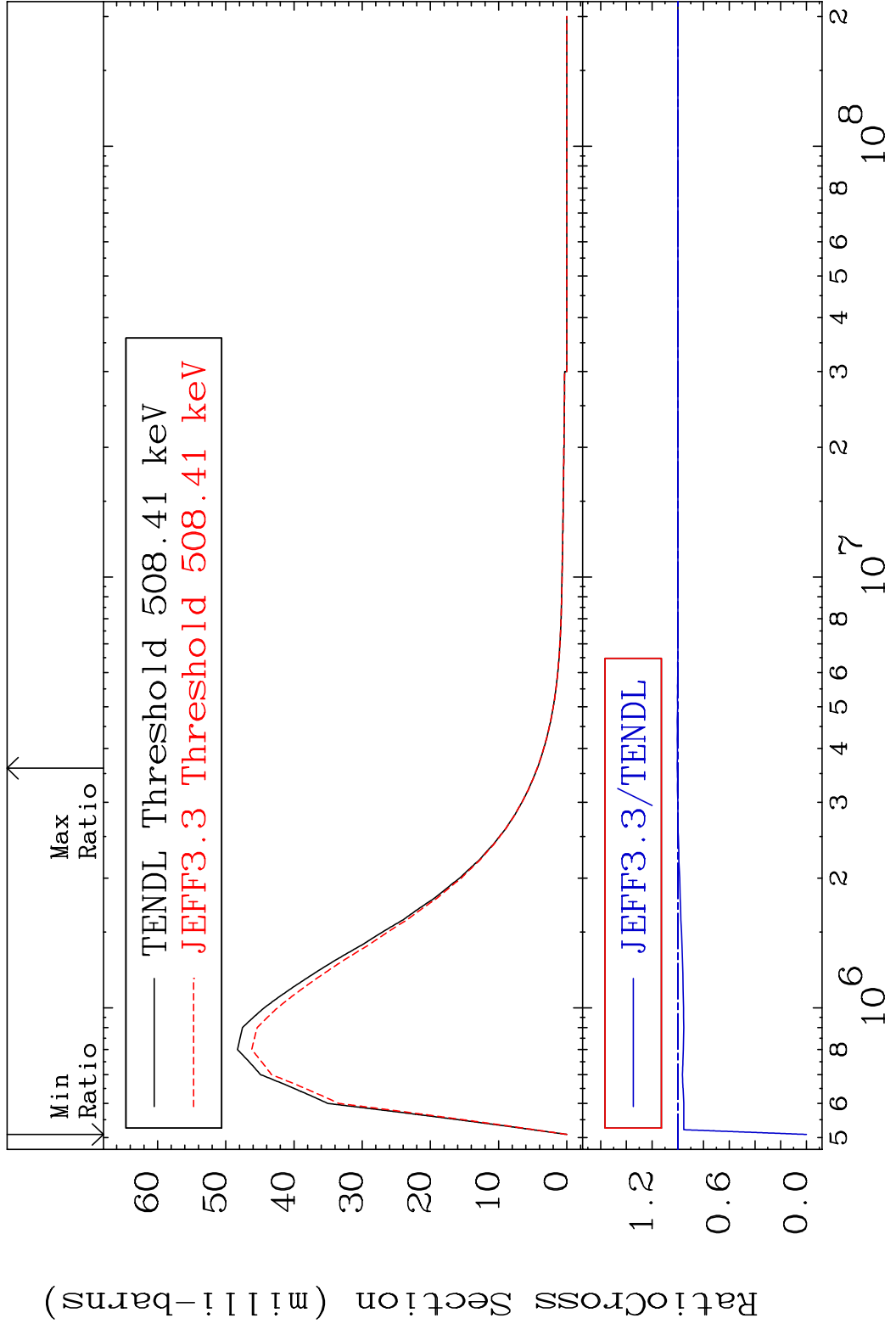
MAT 3316 MT= 61 (n, n') Level 33-As-72
 Cross Section -100.0 To 0.862 %



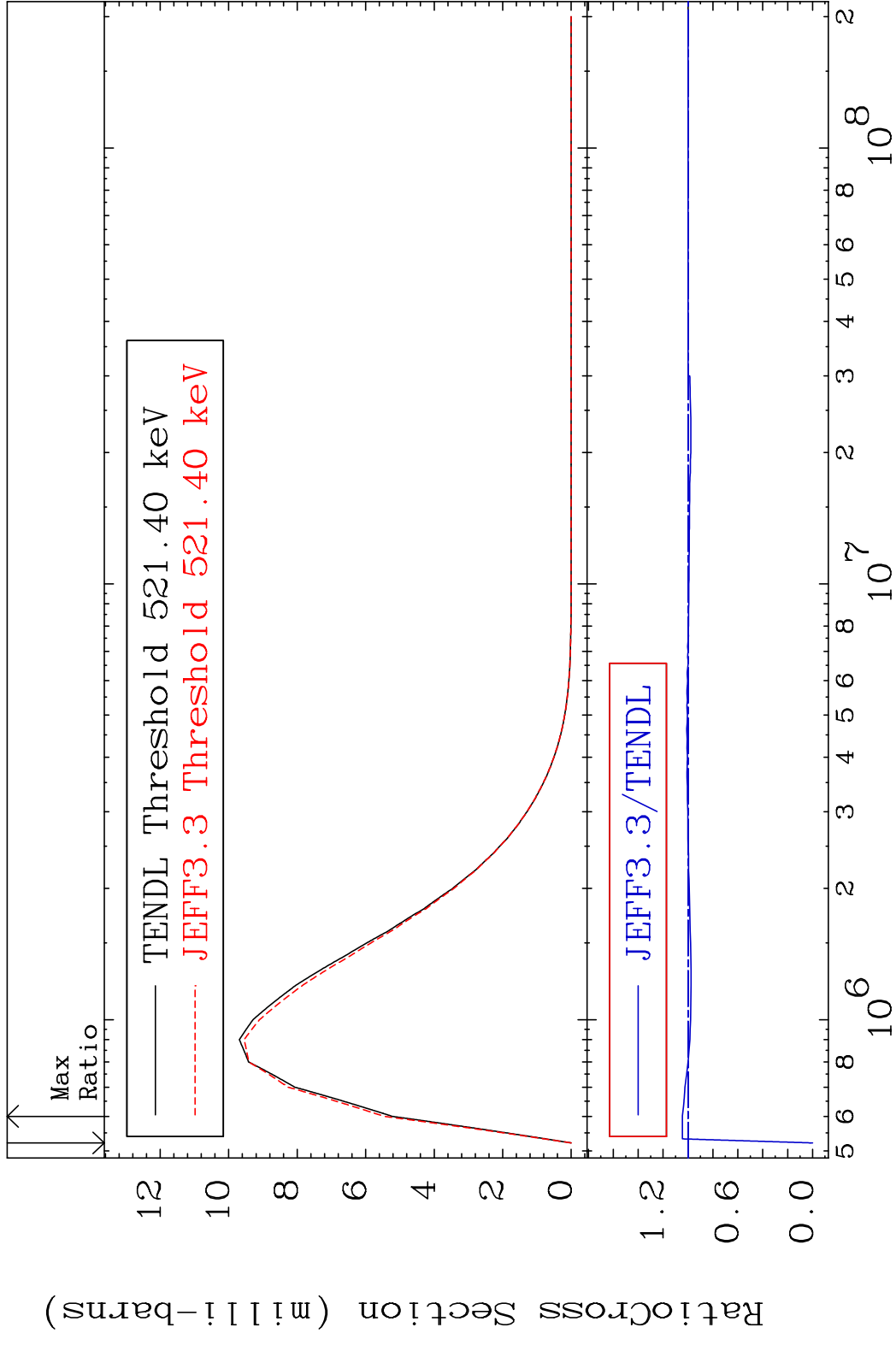
MAT 3316 MT= 62 (n, n') Level 33-As-72
 Cross Section -100.0 To 0.505 %



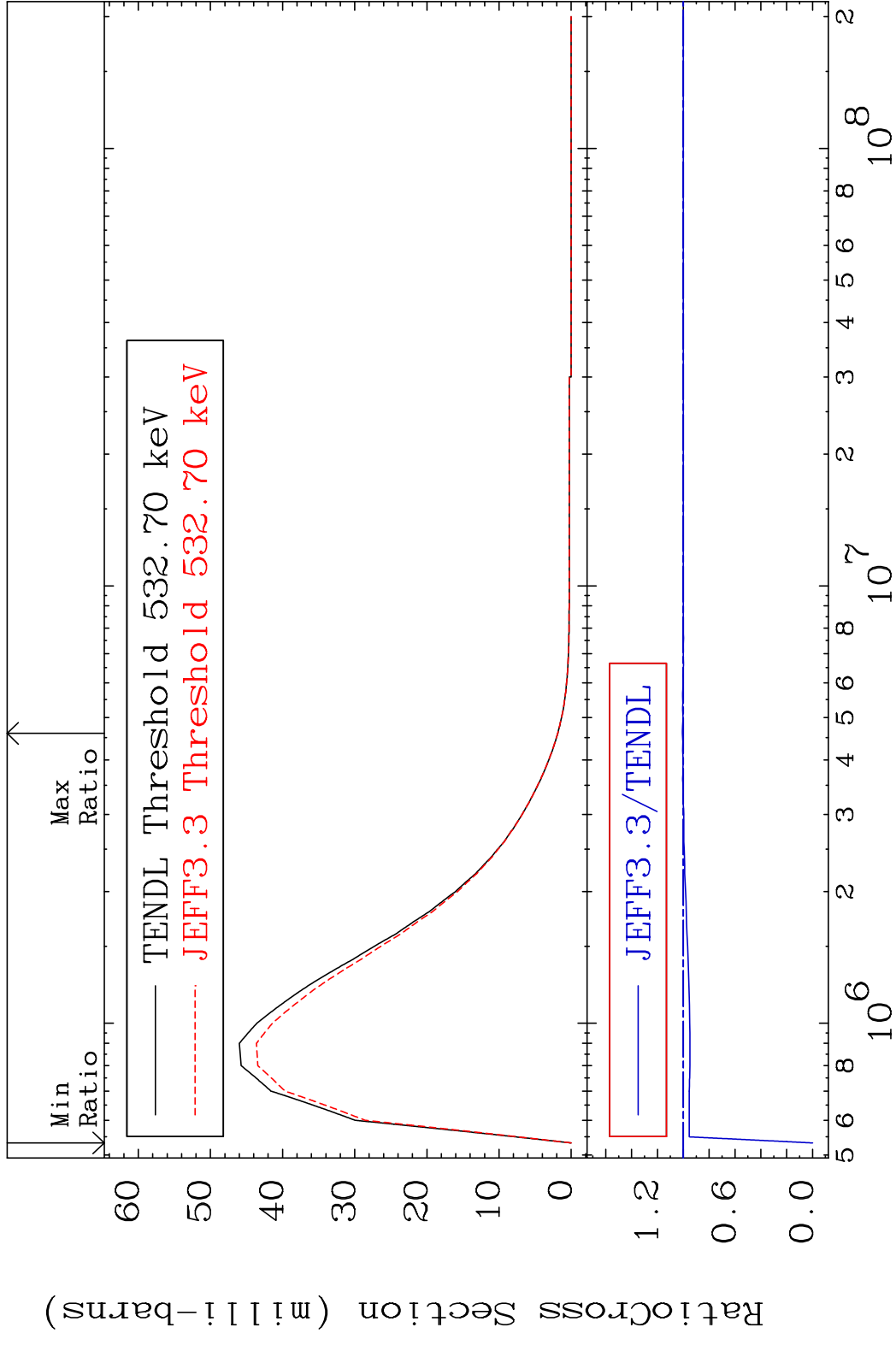
MAT 3316 MT= 63 (n, n') Level 33-As-72
 Cross Section -100.0 To 0.506 %



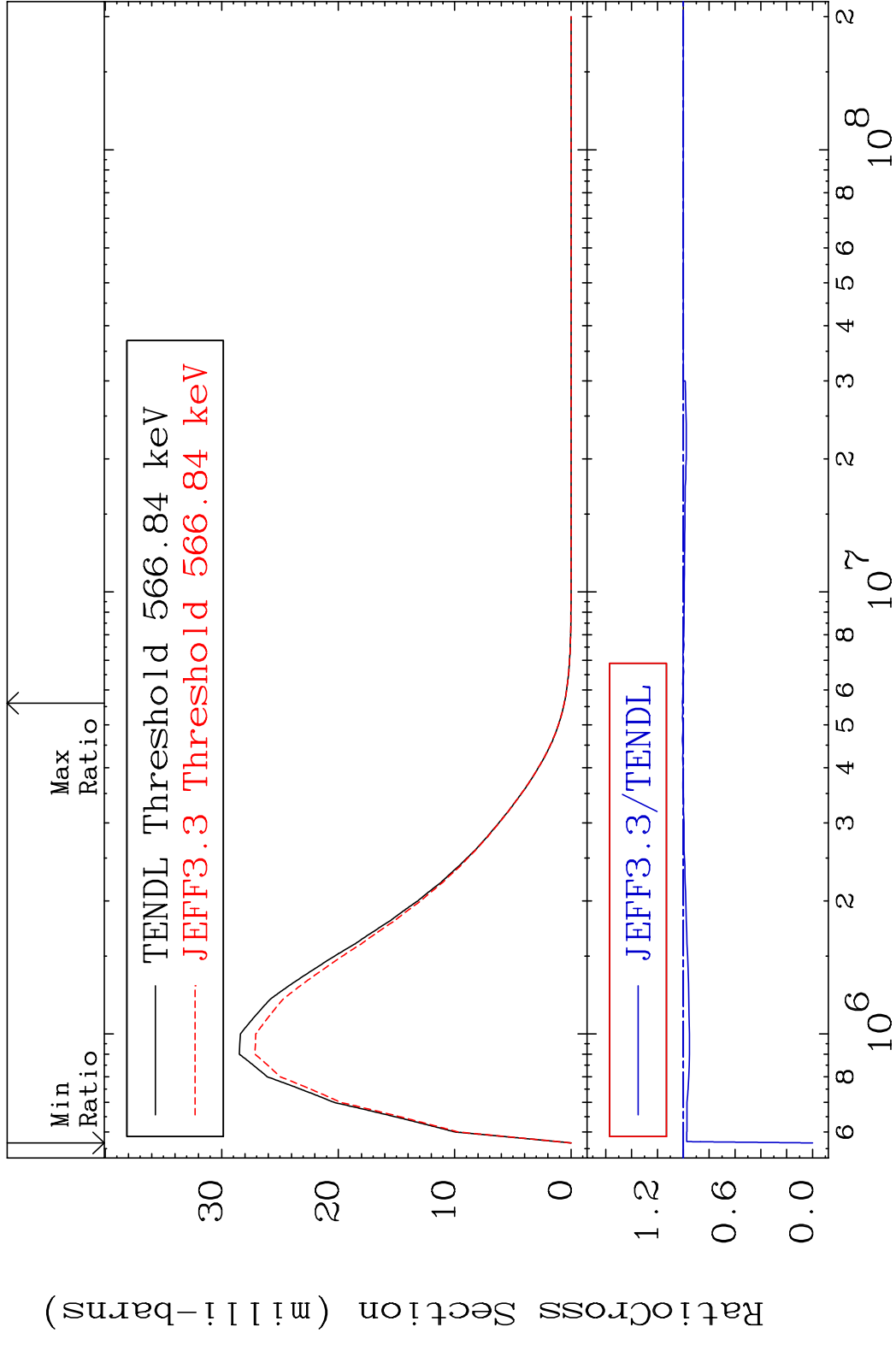
MAT 3316 MT= 64 (n, n') Level 33-As-72
 Cross Section -100.0 To 4.537 %



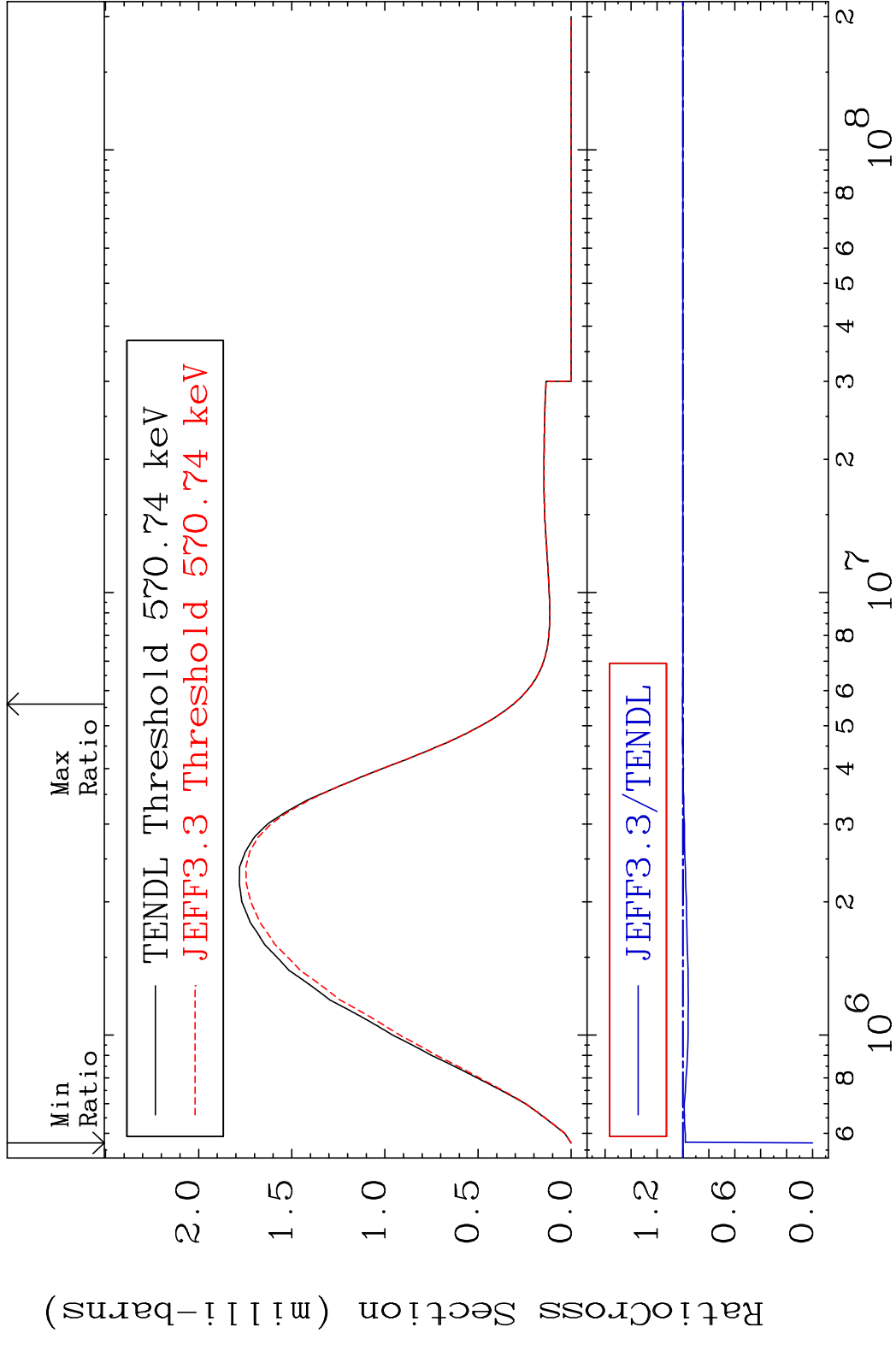
MAT 3316 MT= 65 (n, n') Level 33-As-72
 Cross Section -100.0 To 0.733 %



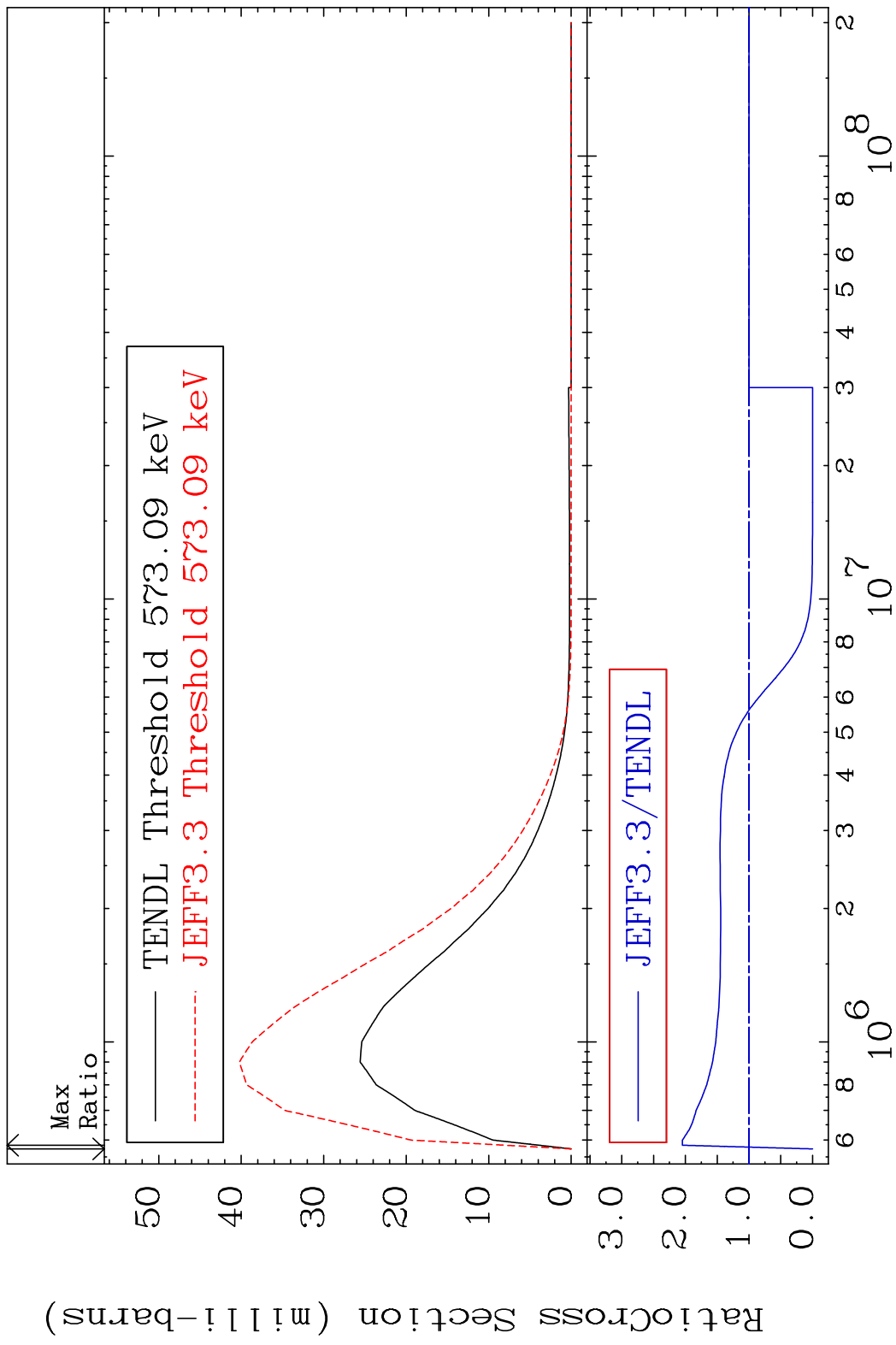
MAT 3316 MT= 66 (n, n') Level 33-As-72
 Cross Section -100.0 To 0.737 %



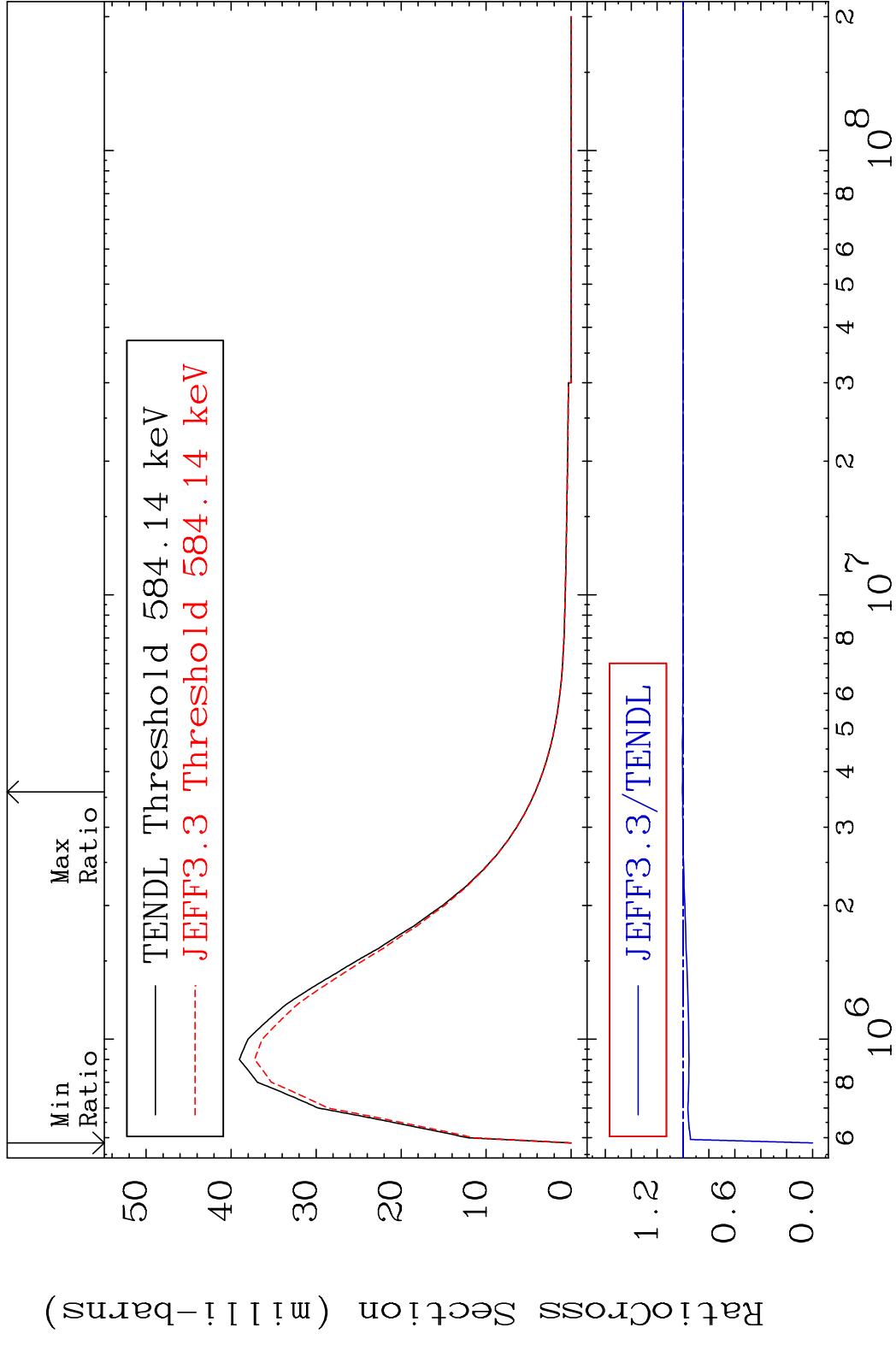
MAT 3316 MT= 67 (n, n') Level 33-As-72
 Cross Section -100.0 To 0.418 %



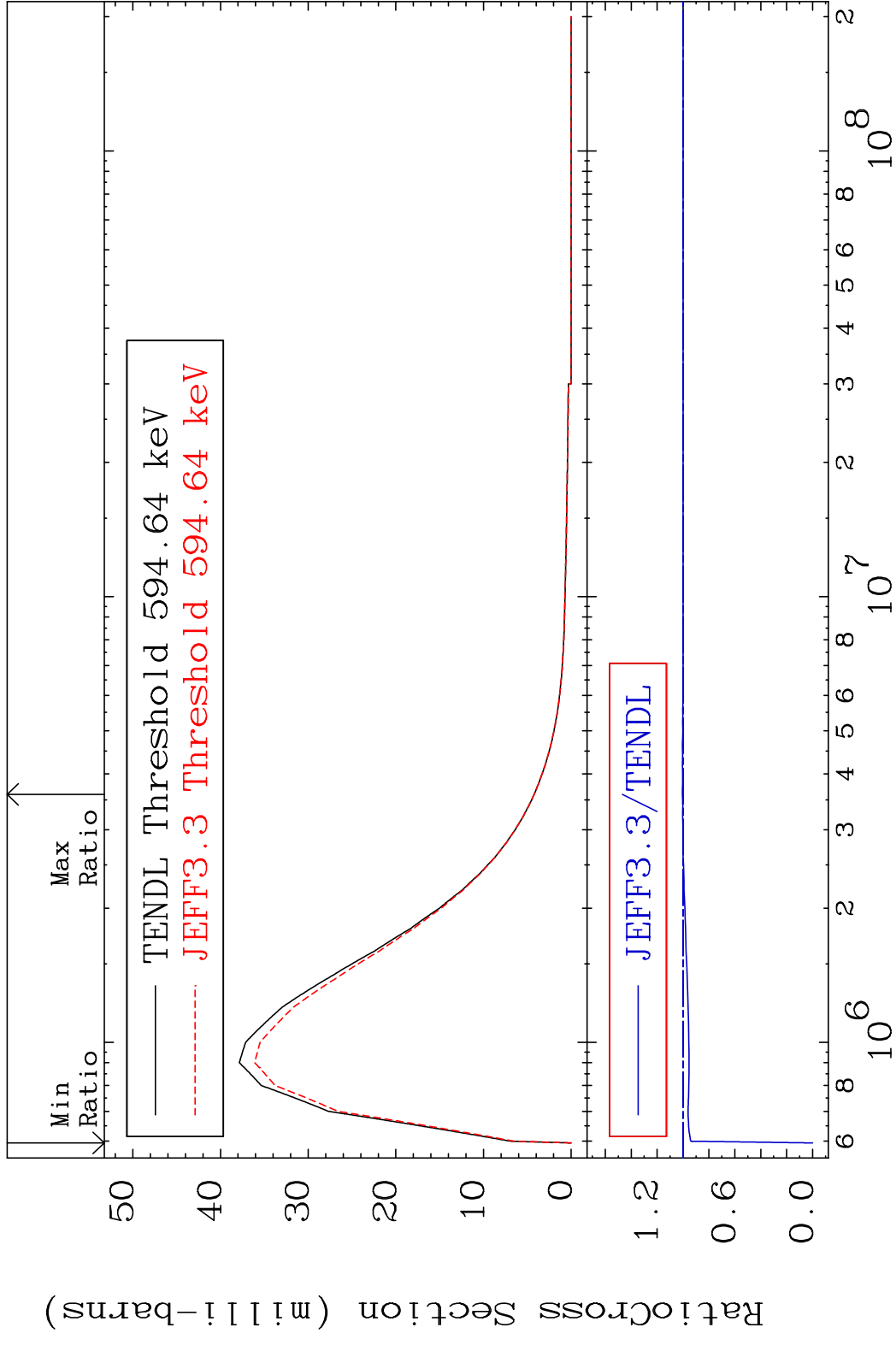
MAT 3316 MT= 68 (n,n') Level 33-As-72
 Cross Section -100.0 To 104.8 %



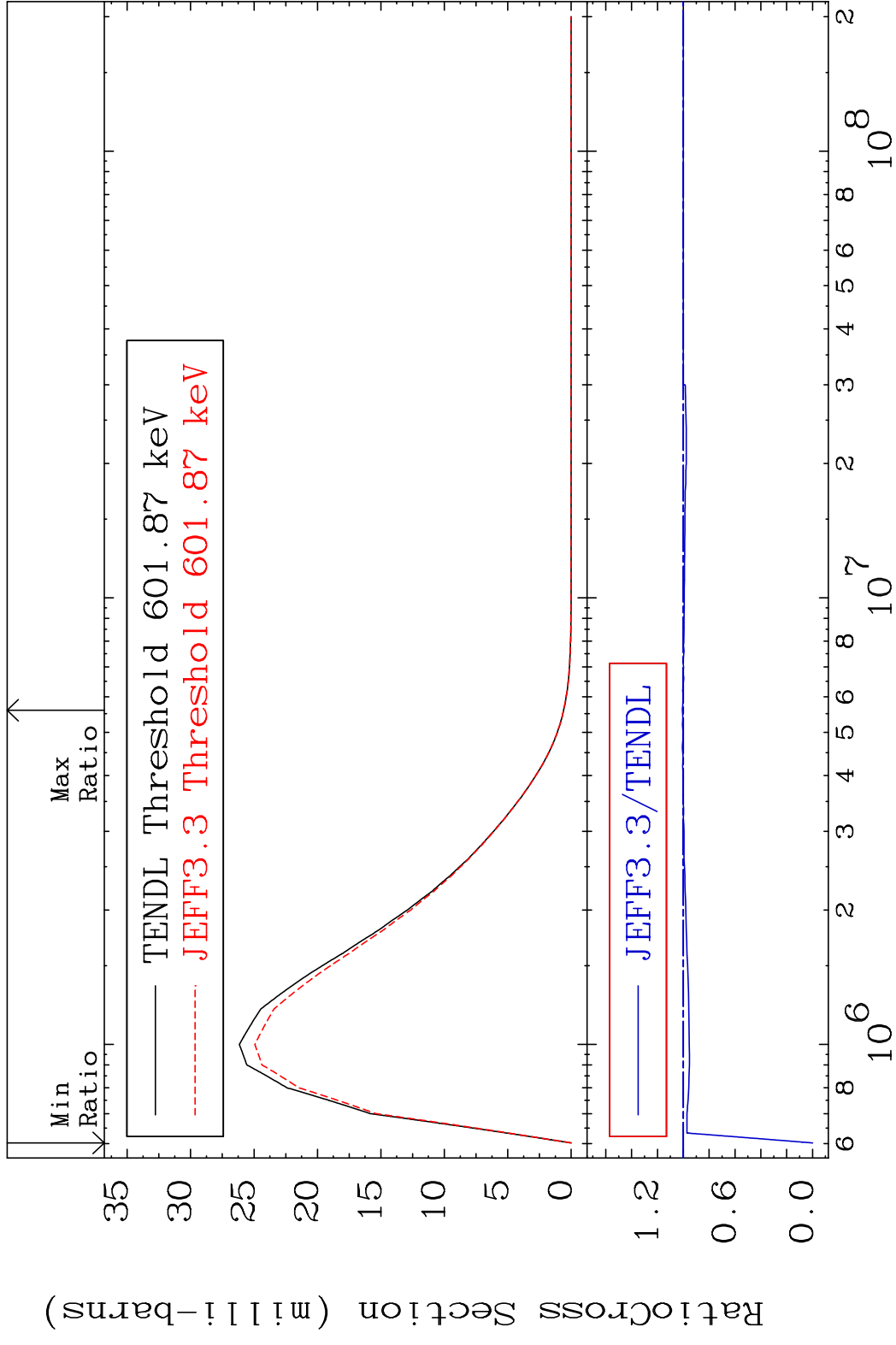
MAT 3316 MT= 69 (n, n') Level 33-As-72
 Cross Section -100.0 To 0.507 %



MAT 3316 MT= 70 (n,n') Level 33-As-72
 Cross Section -100.0 To 0.507 %

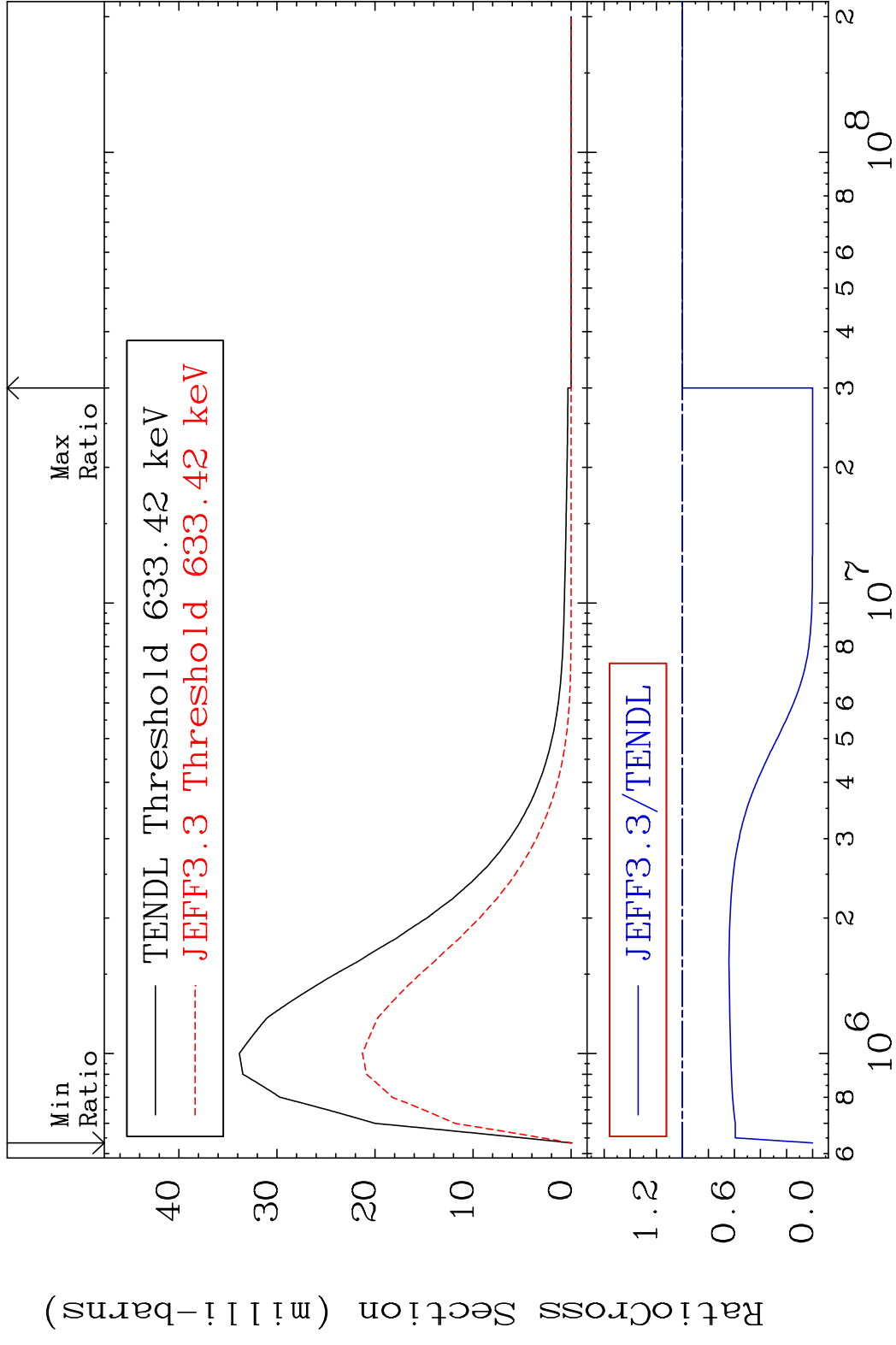


MAT 3316 MT= 71 (n,n') Level 33-As-72
 Cross Section -100.0 To 0.737 %

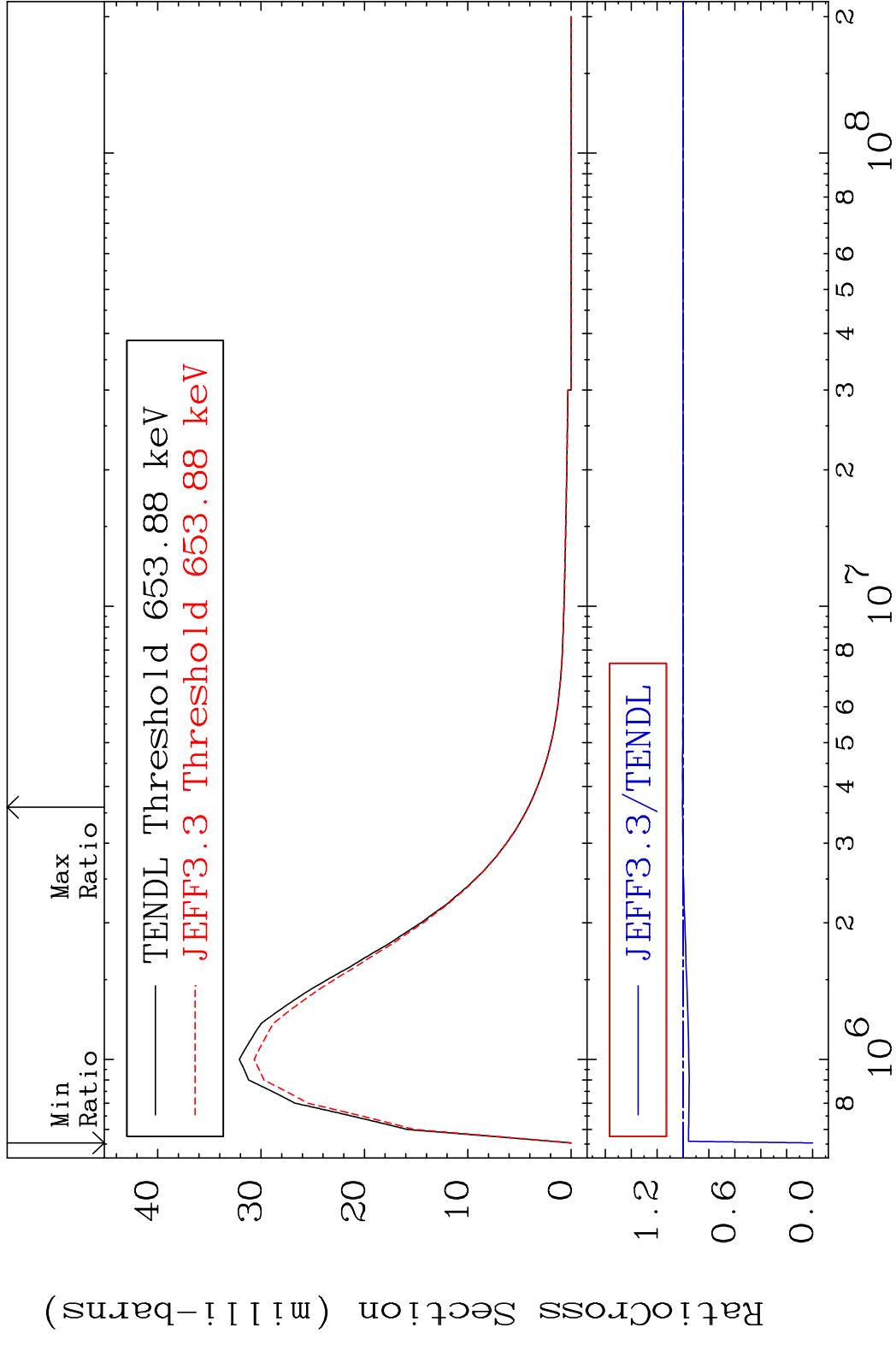


40 Incident Energy (eV) 33-As-72

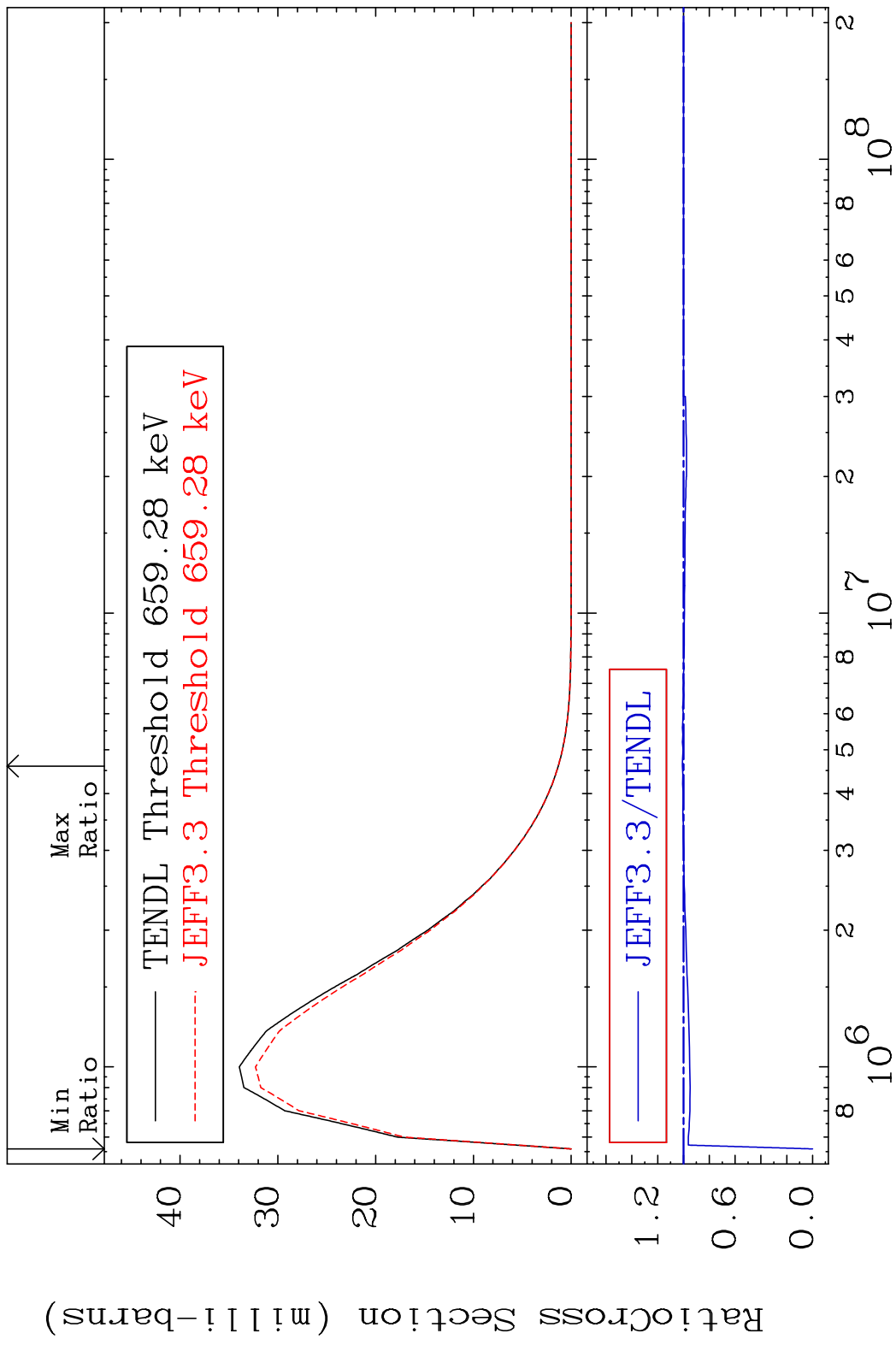
MAT 3316 MT= 72 (n, n') Level 33-As-72
 Cross Section -100.0 To 0.000 %



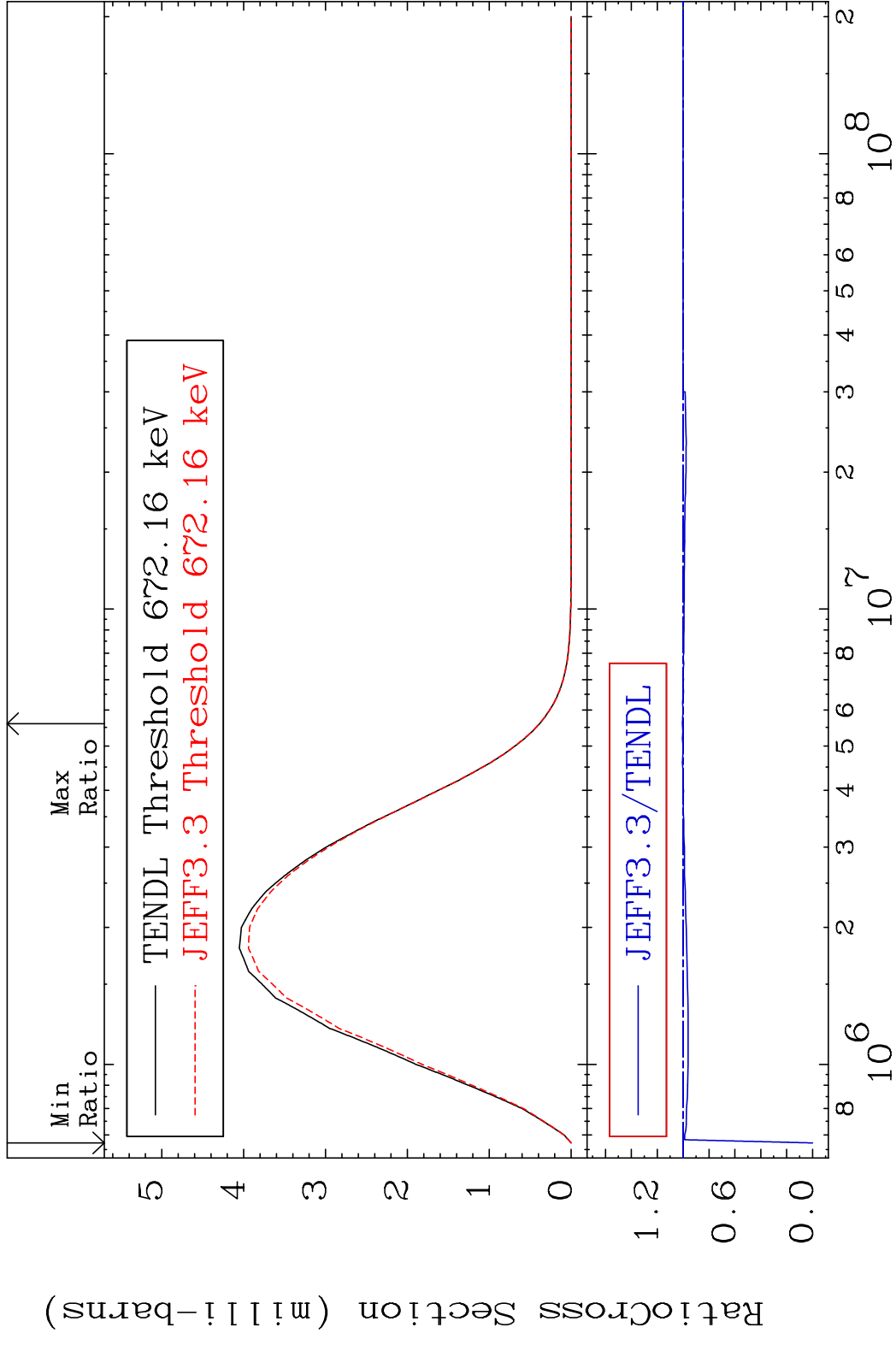
MAT 3316 MT= 73 (n,n') Level 33-As-72
 Cross Section -100.0 To 0.508 %



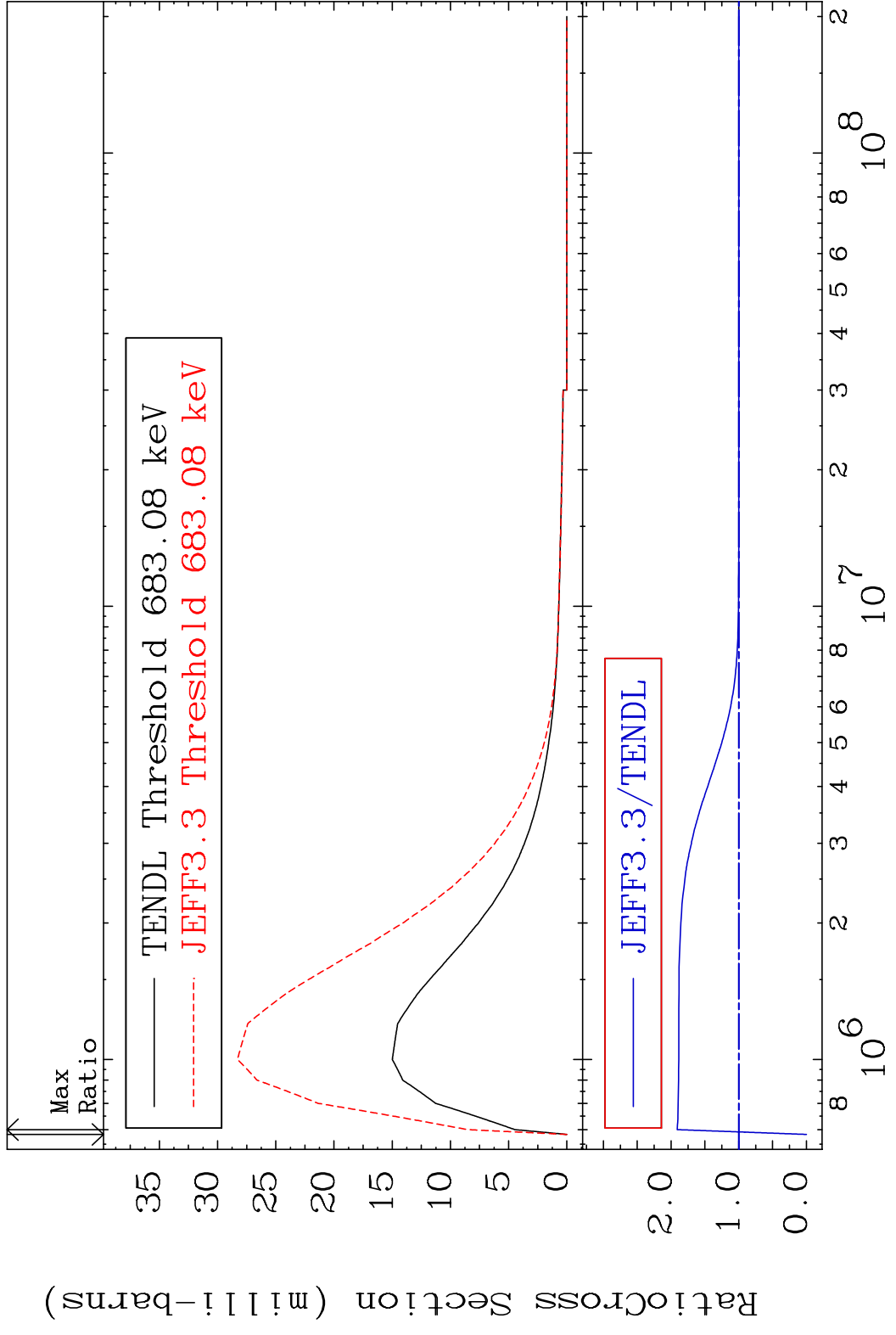
MAT 3316 MT= 74 (n,n') Level 33-As-72
 Cross Section -100.0 To 0.863 %



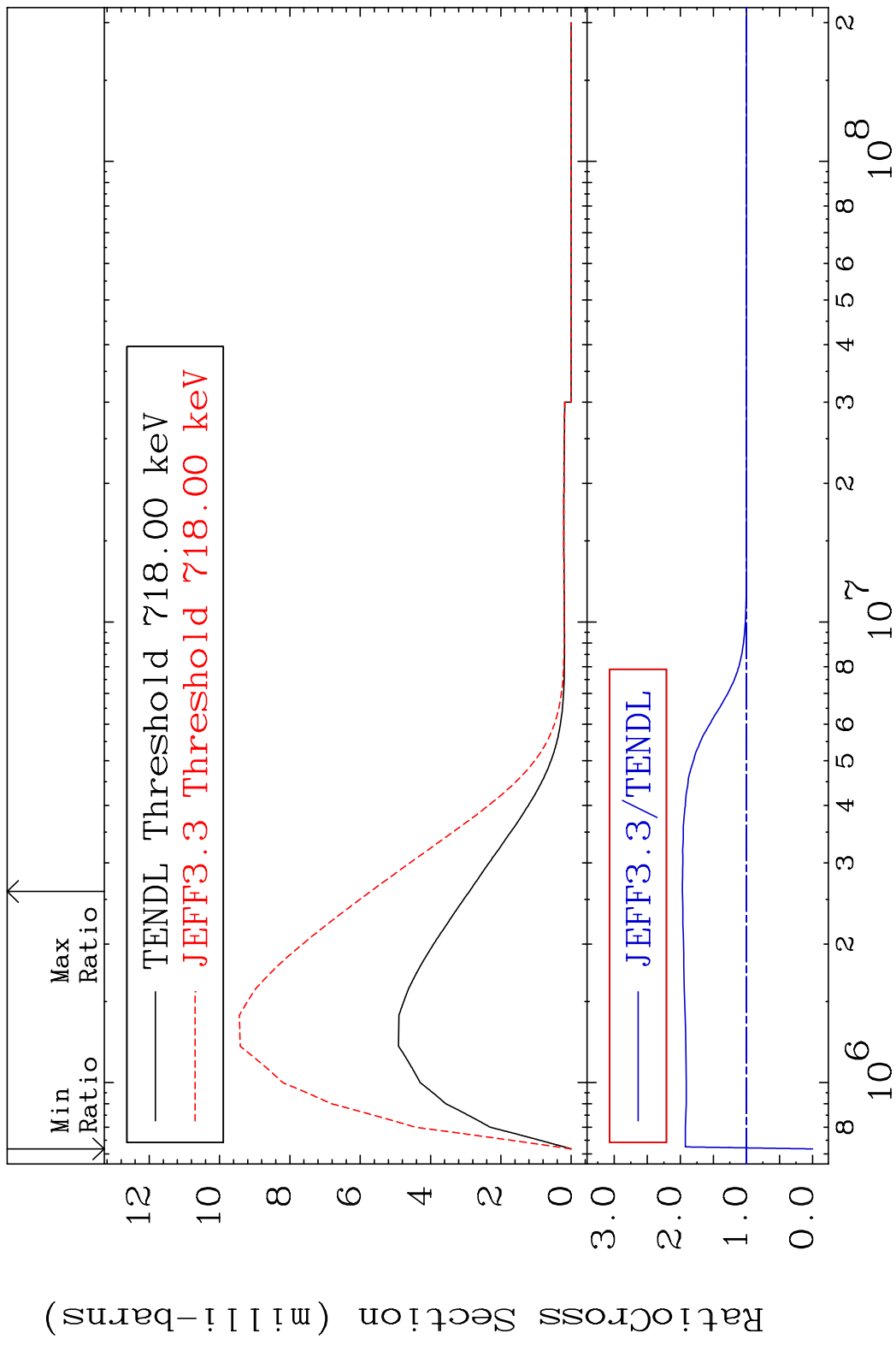
MAT 3316 MT= 75 (n,n') Level 33-As-72
 Cross Section -100.0 To 0.579 %



MAT 3316 MT= 76 (n,n') Level 33-As-72
 Cross Section -100.0 To 90.95 %

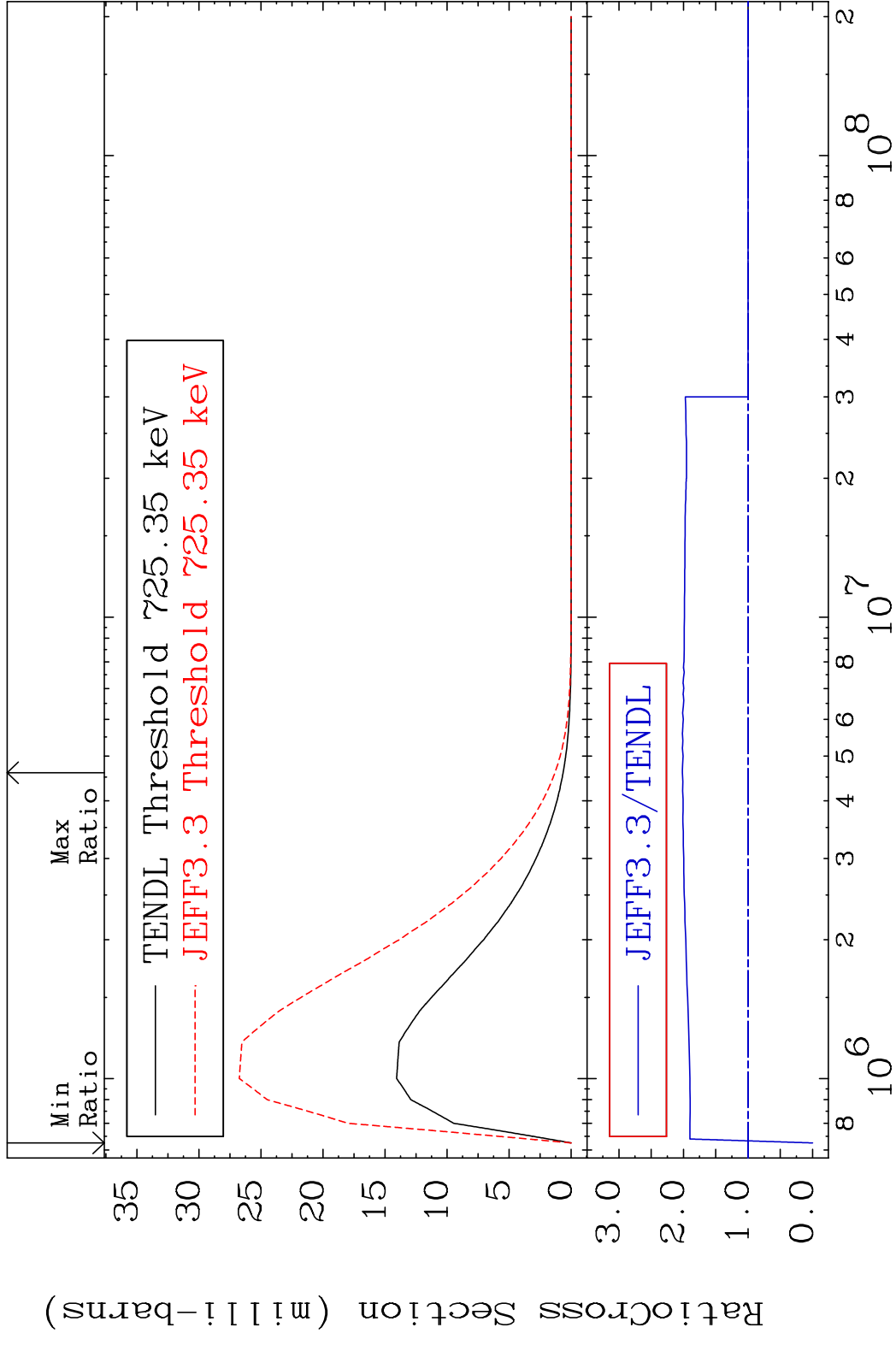


MAT 3316 MT= 77 (n, n') Level 33-As-72
 Cross Section -100.0 To 96.98 %

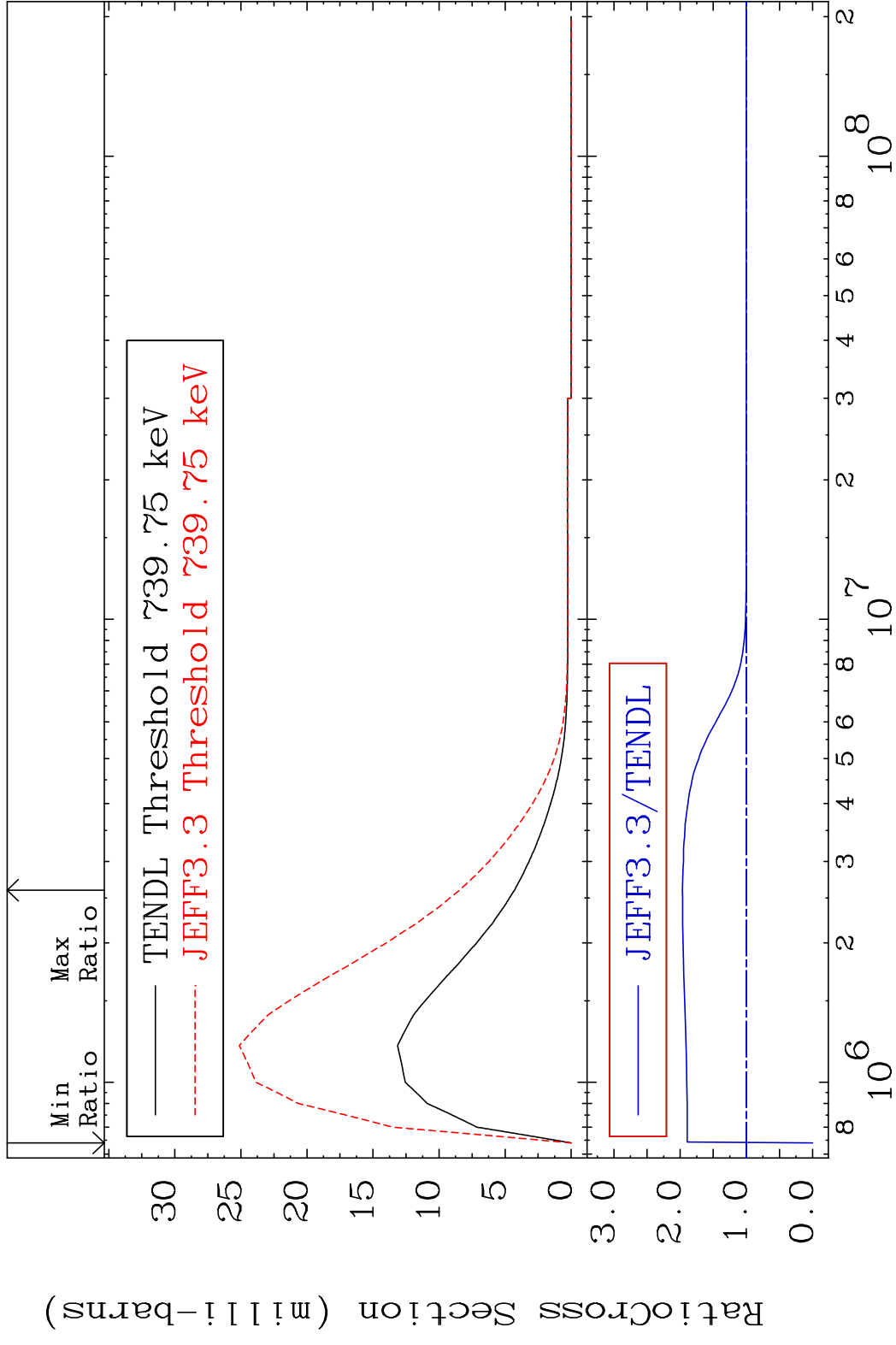


46 Incident Energy (eV) 33-As-72

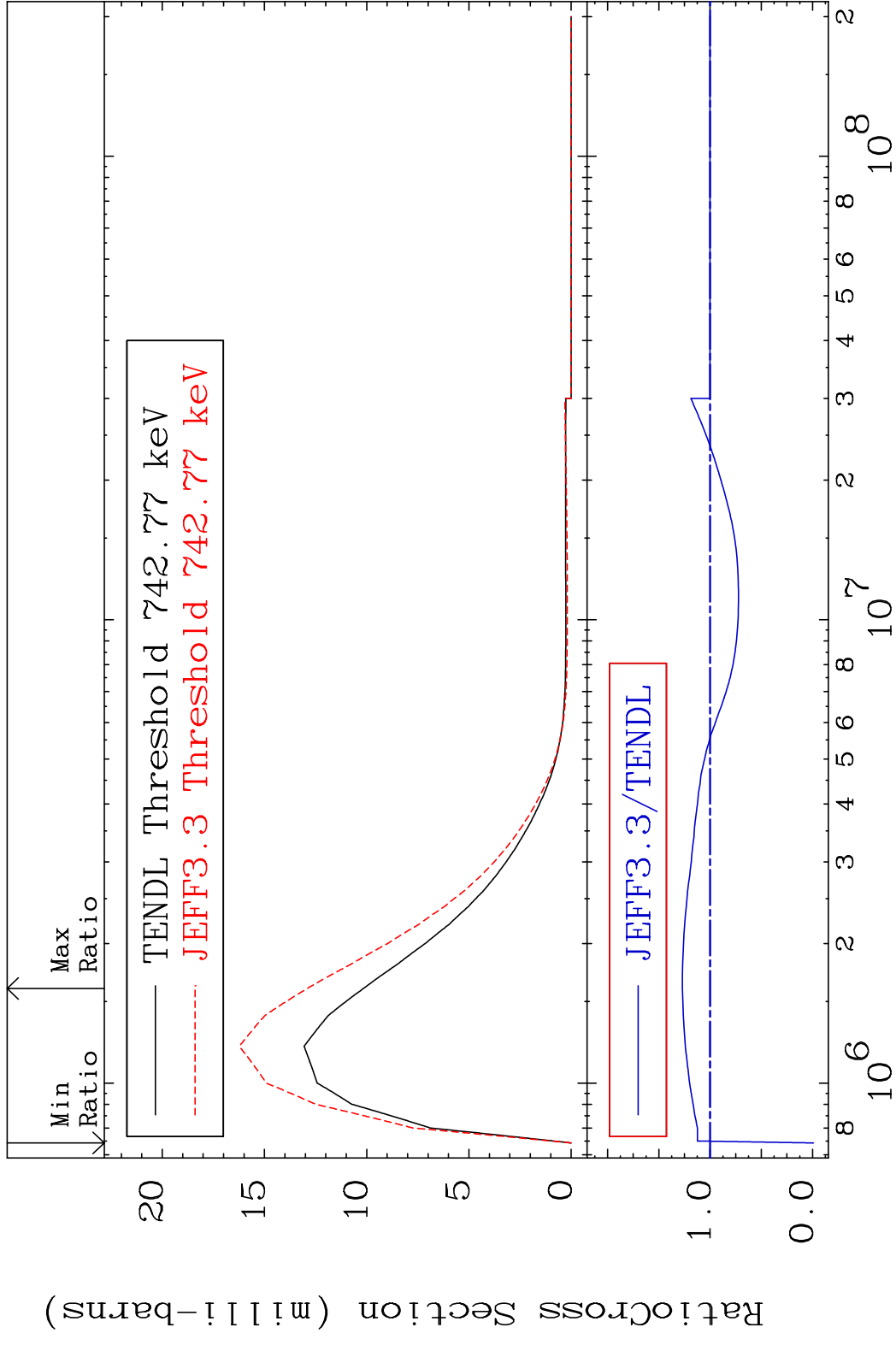
MAT 3316 MT= 78 (n,n') Level 33-As-72
 Cross Section -100.0 To 101.7 %



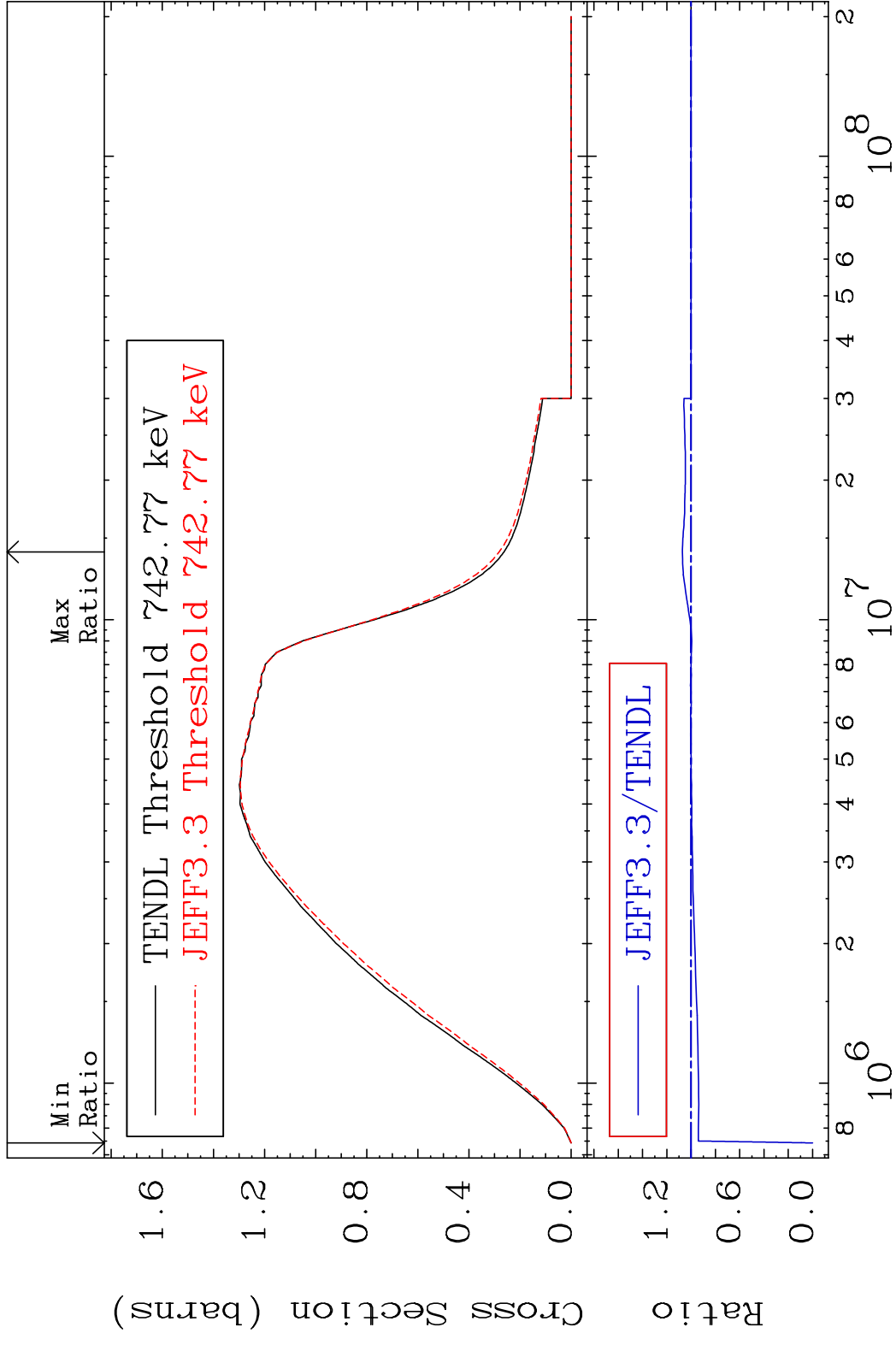
MAT 3316 MT= 79 (n,n') Level 33-As-72
 Cross Section -100.0 To 96.65 %



MAT 3316 MT= 80 (n,n') Level 33-As-72
 Cross Section -100.0 To 27.06 %



MAT 3316 (n,n') Continuum 33-As-72
 Cross Section -100.0 To 7.223 %

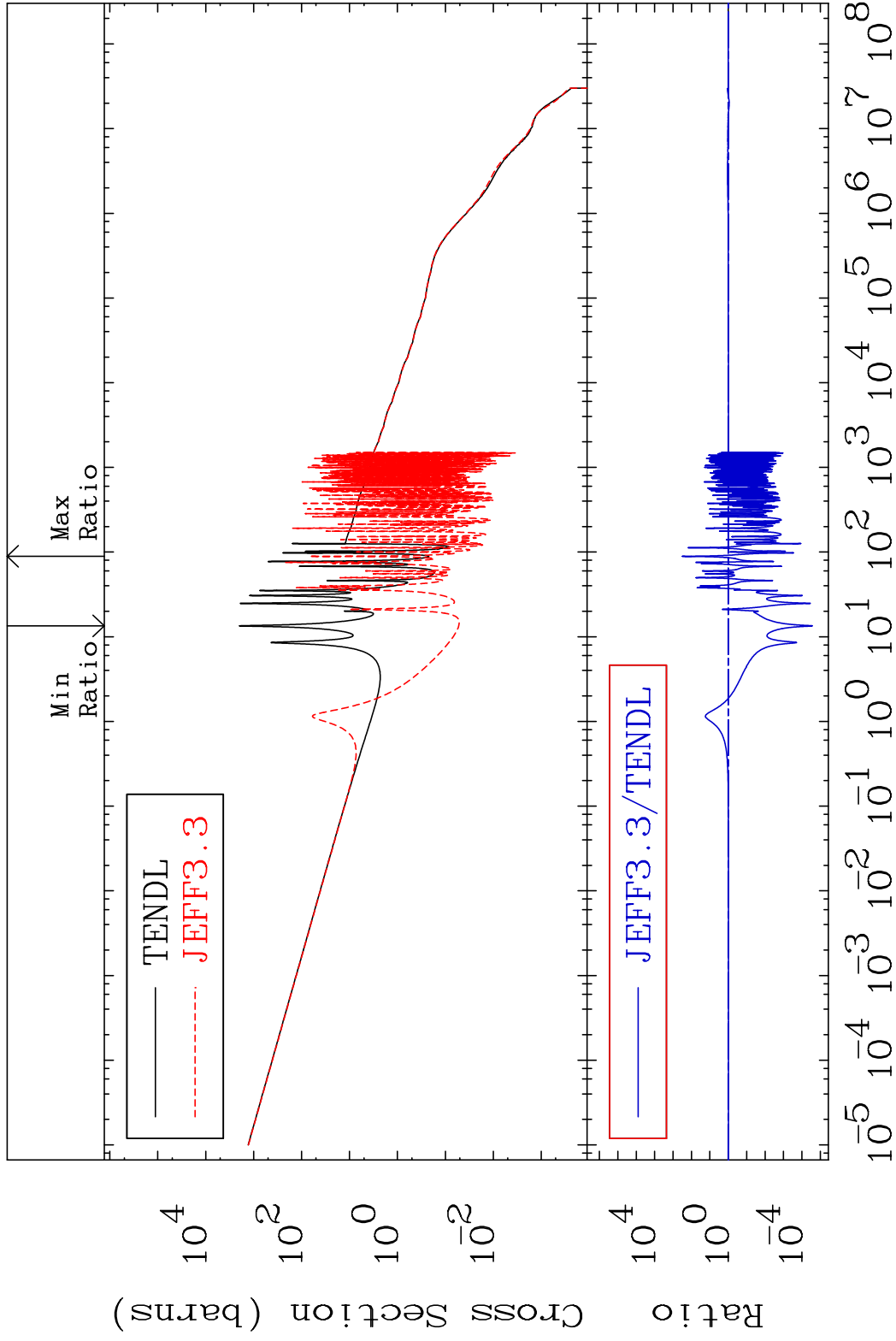


MAT 3316

(n, γ)

33-As-72

Cross Section -100.0 To 9999. %

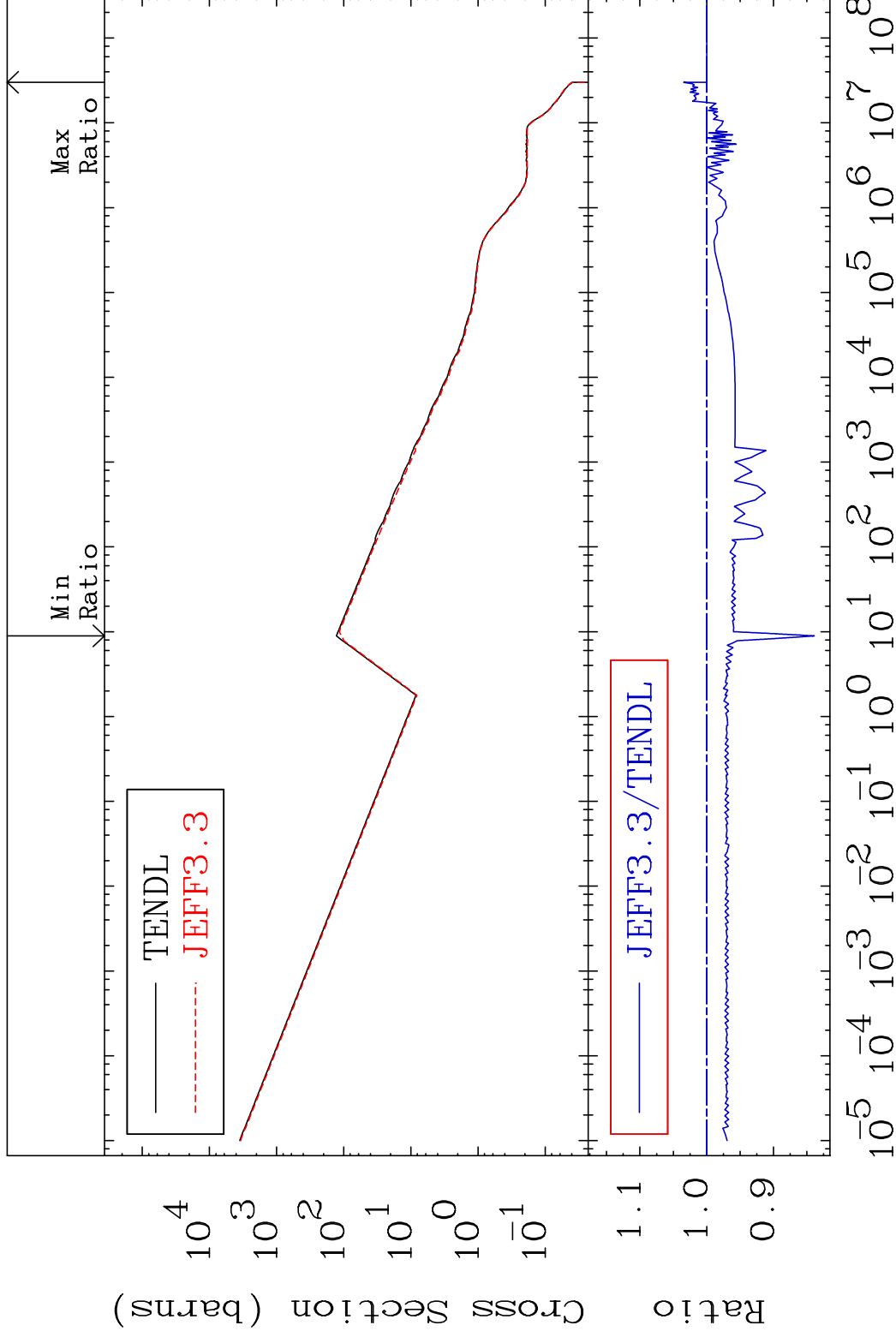


MAT 3316

(n,p)

33-AS-72

Cross Section -16.08 To 3.454 %



52

Incident Energy (eV)

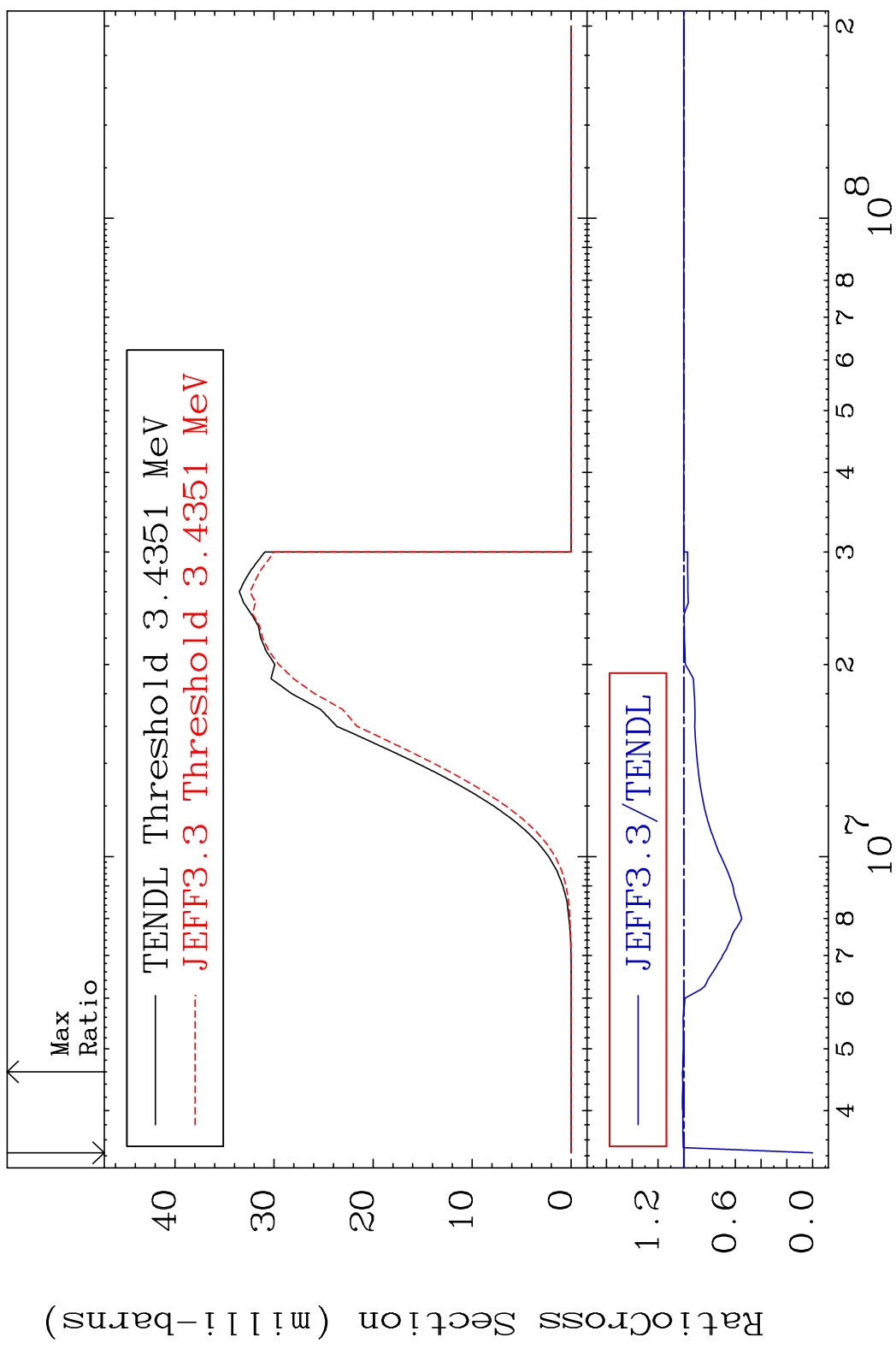
33-AS-72

MAT 3316

(n, d)

33-As-72

Cross Section -100.0 To 1.035 %

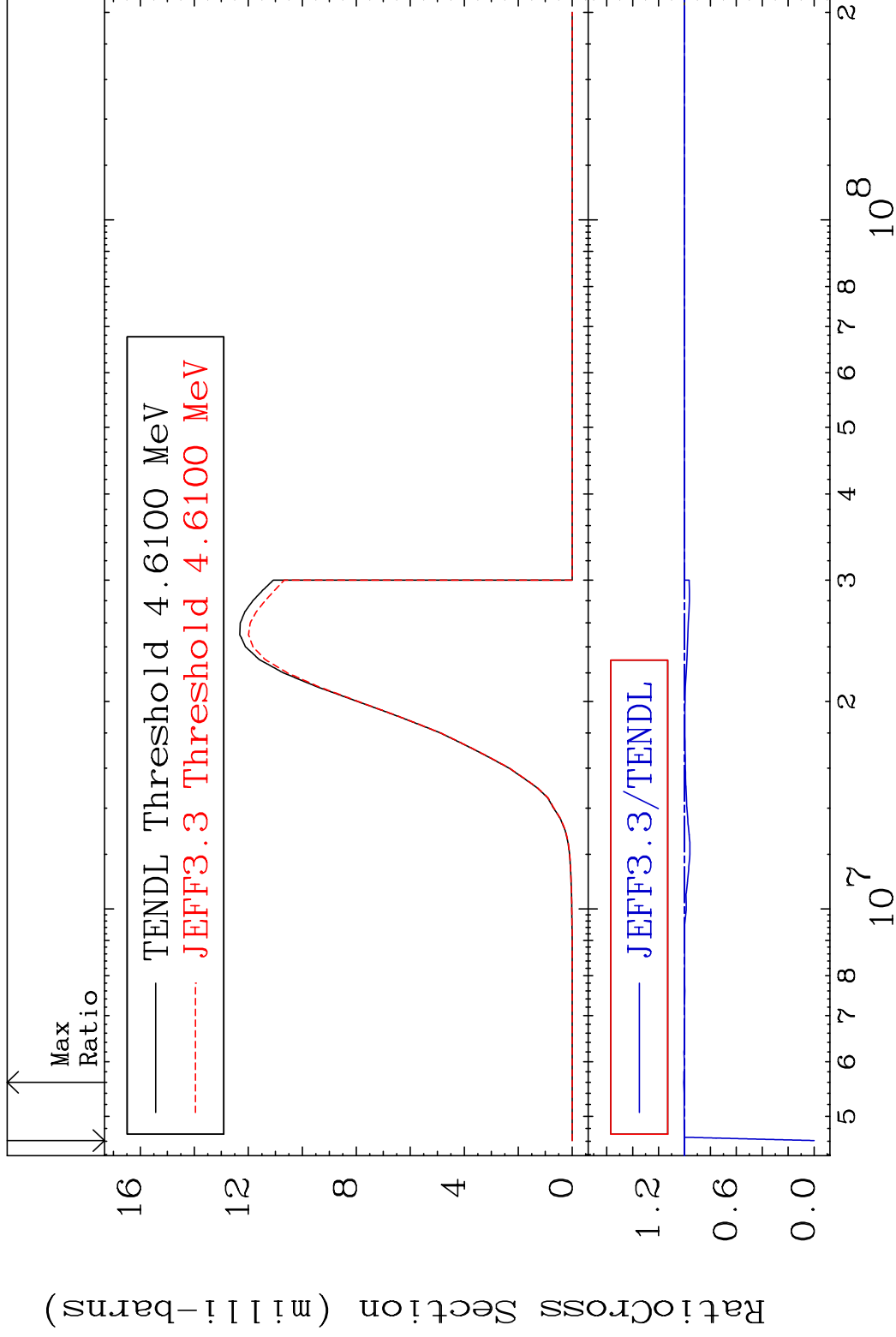


MAT 3316

(n, t)

33-AS-72

Cross Section -100.0 To 0.639 %

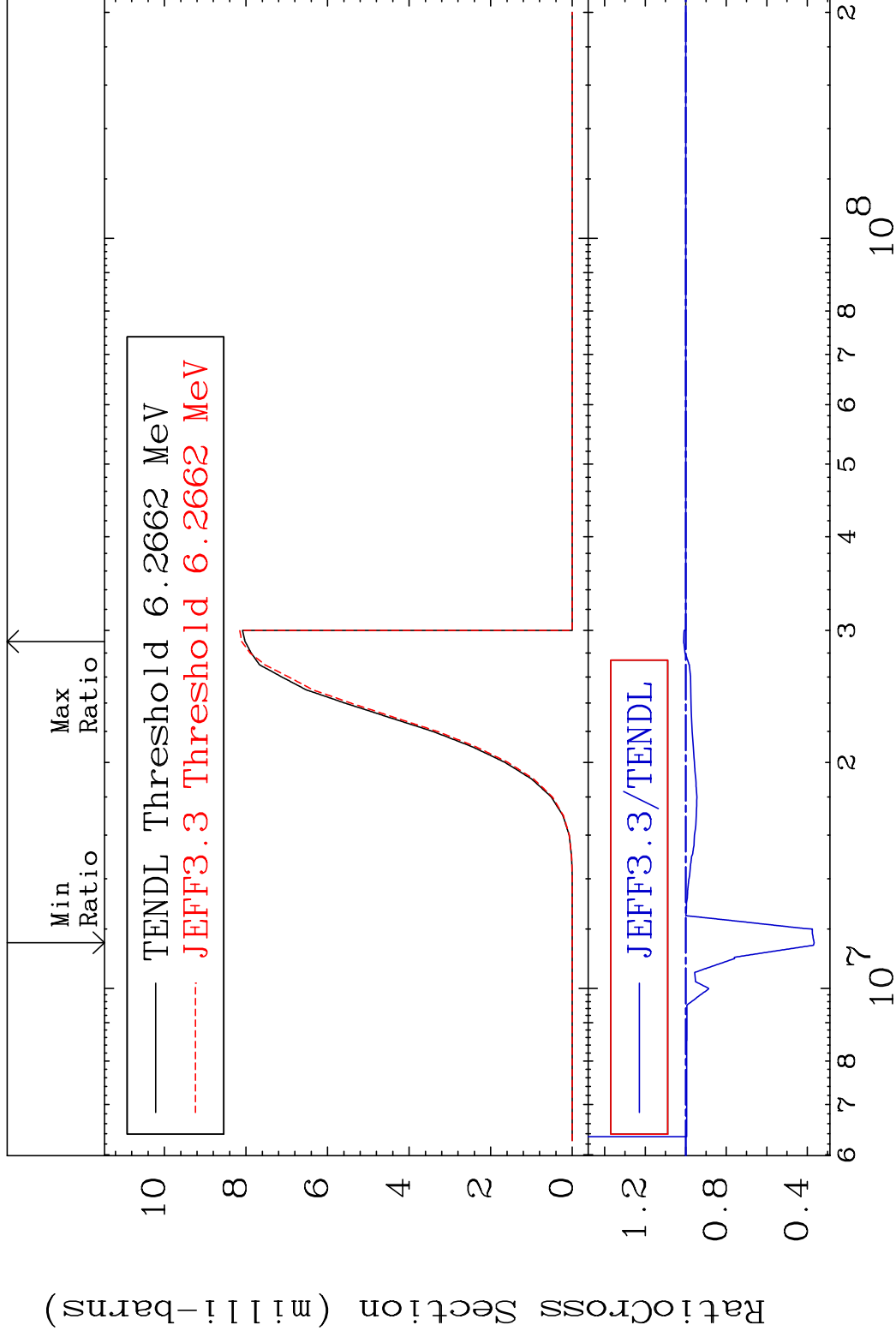


MAT 3316

(n, He-3)

33-As-72

Cross Section -63.34 To 1.037 %



55

Incident Energy (eV)

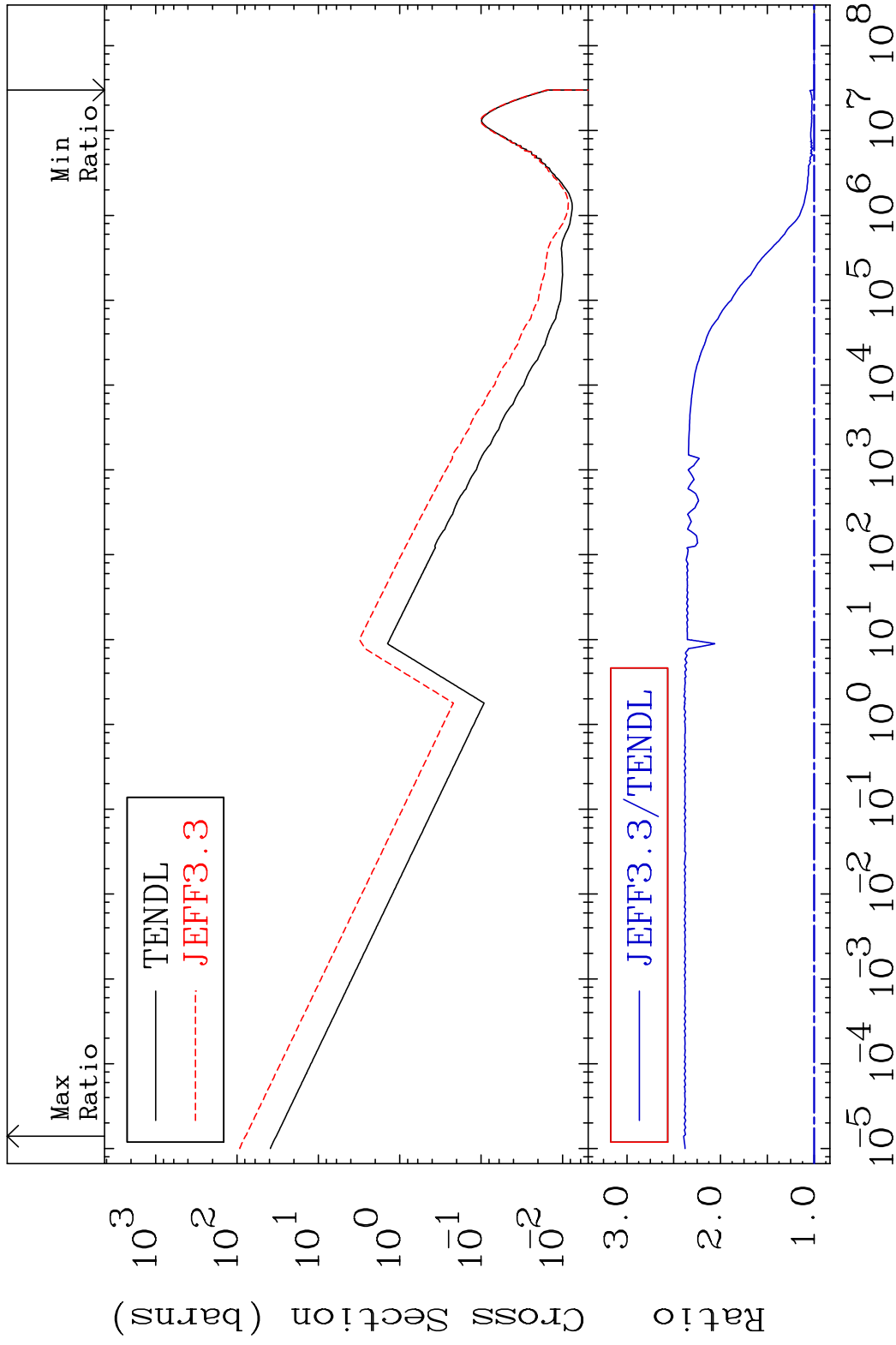
33-As-72

MAT 3316

(n, α)

33-As-72

Cross Section 0.000 To 139.4 %



56

Incident Energy (eV)

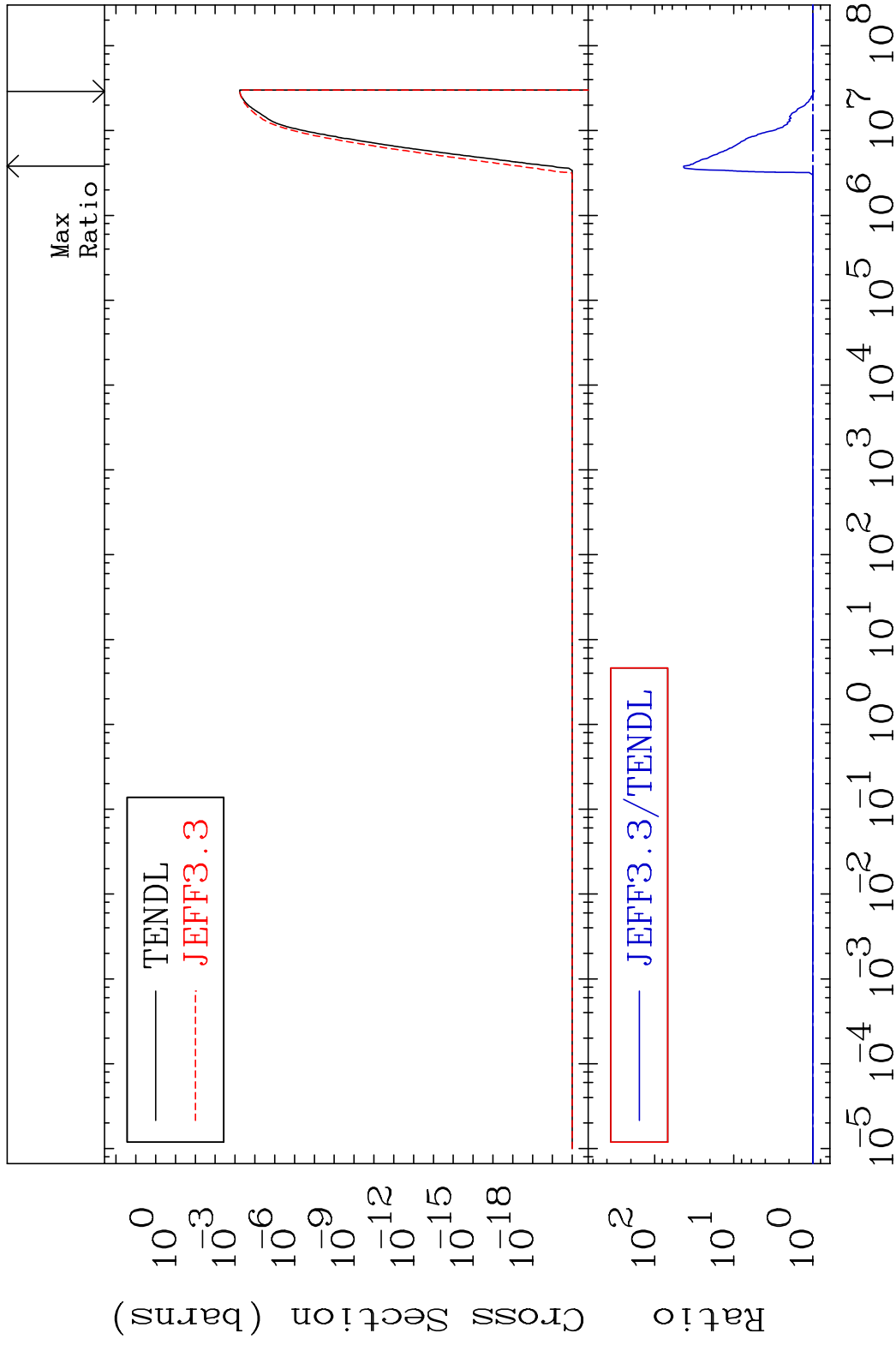
33-As-72

MAT 3316

(n,2α)

33-AS-72

Cross Section -3.494 To 4199. %



57

Incident Energy (eV)

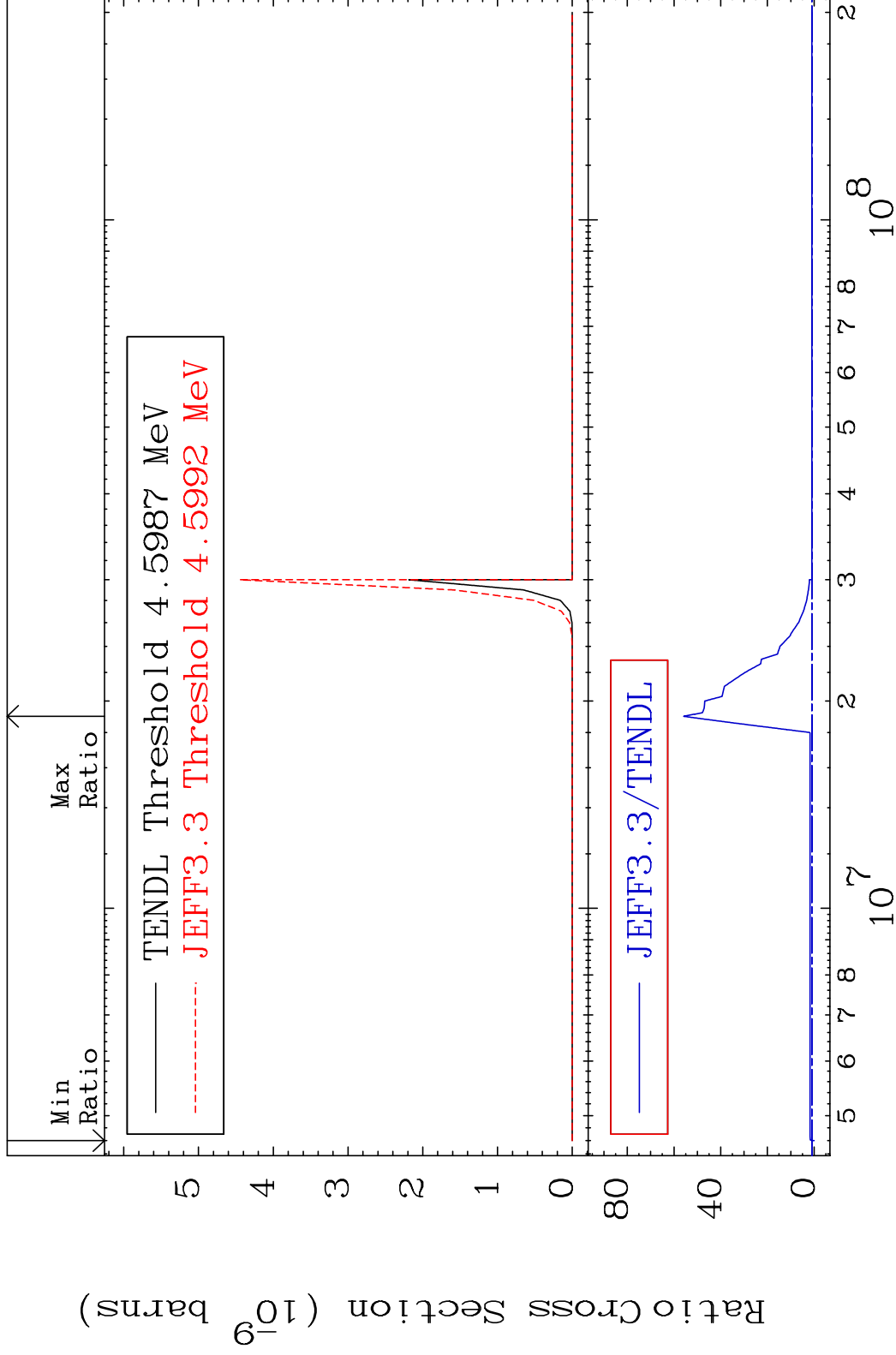
33-AS-72

MAT 3316

(n,3α)

33-As-72

Cross Section -100.0 To 5486. %



58

Incident Energy (eV)

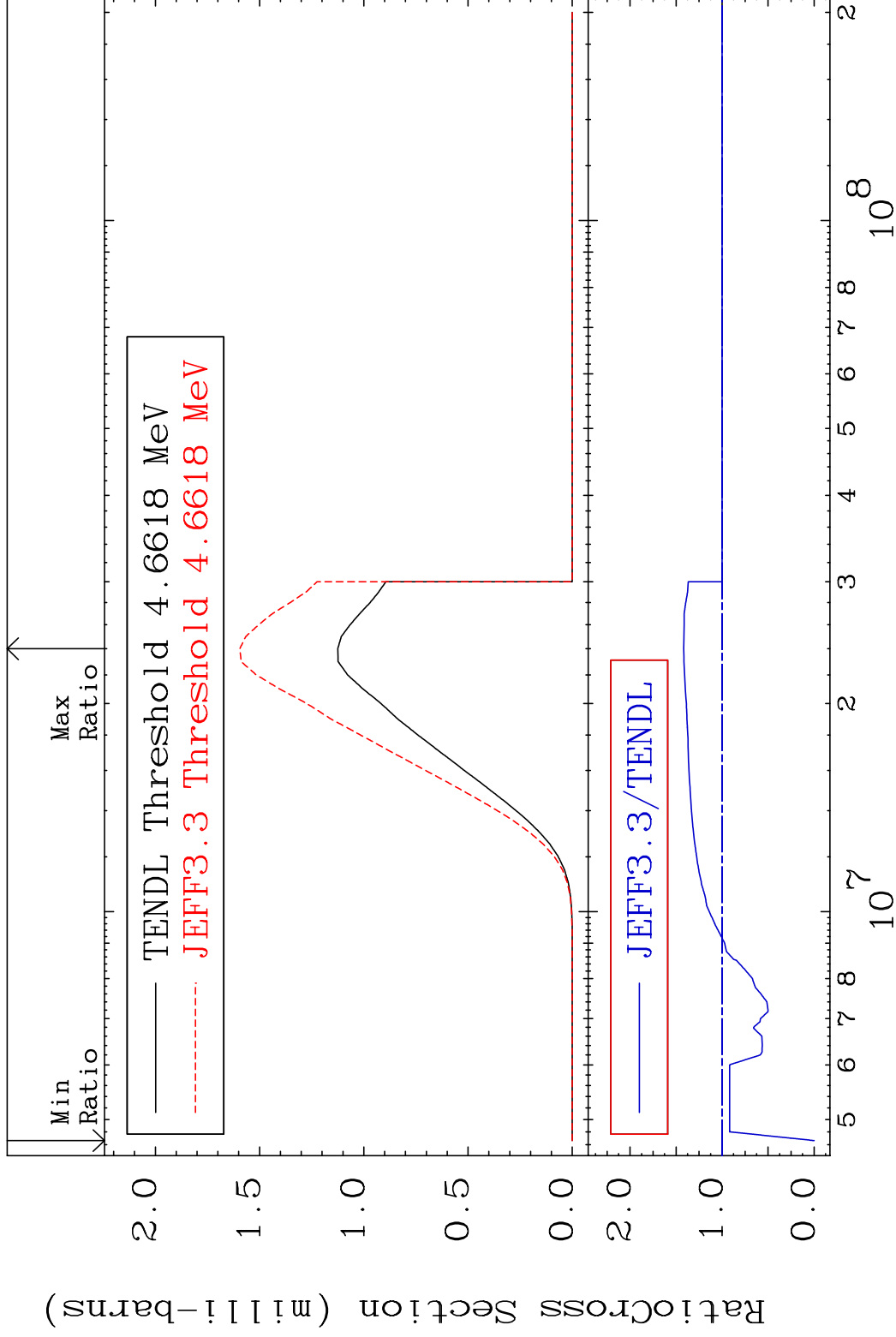
33-As-72

MAT 3316

(n,2p)

33-AS-72

Cross Section -100.0 To 41.77 %



59

Incident Energy (eV)

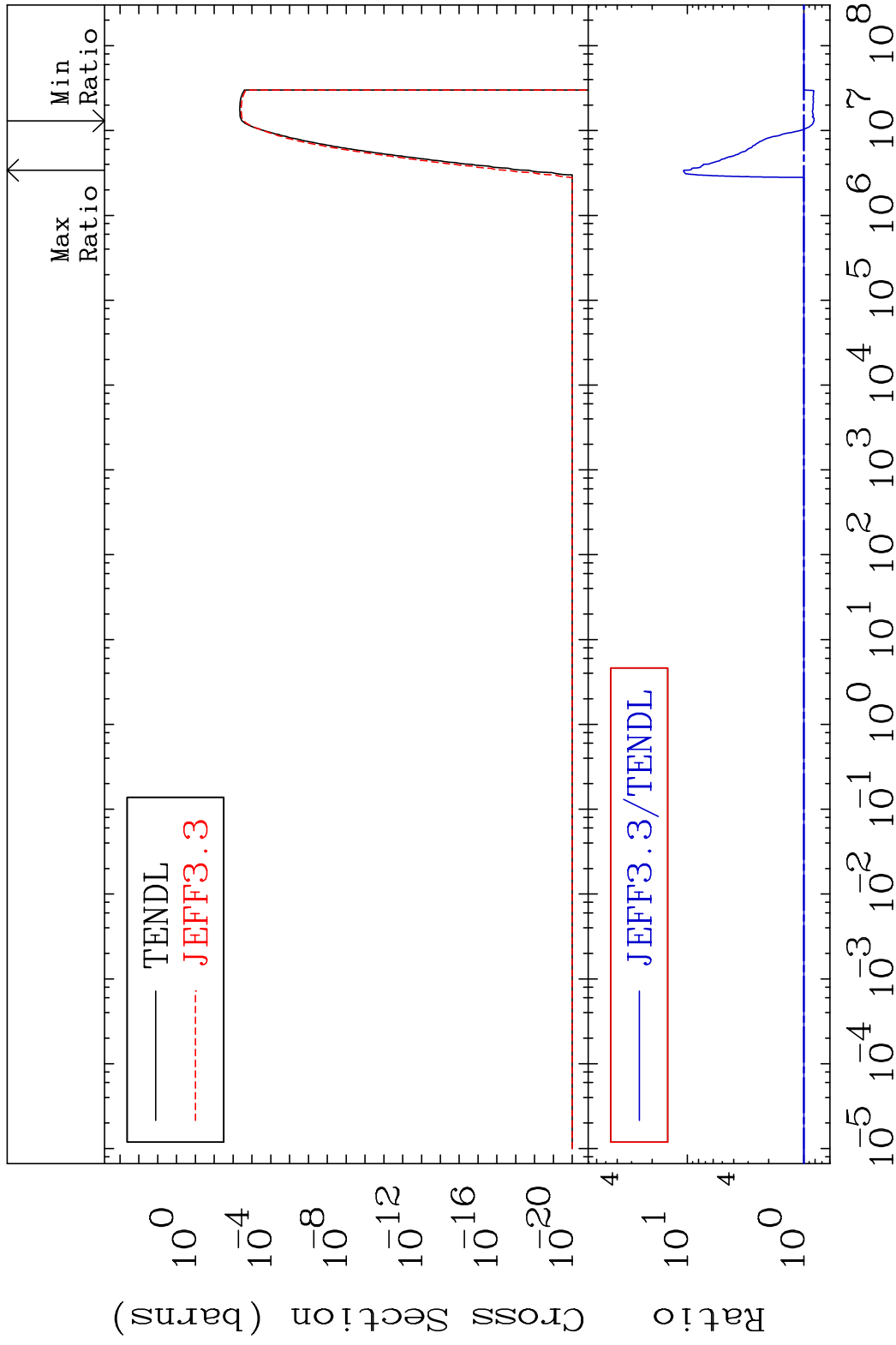
33-AS-72

MAT 3316

(n,p) α

33-As-72

Cross Section -18.41 To 974.0 %



60

Incident Energy (eV)

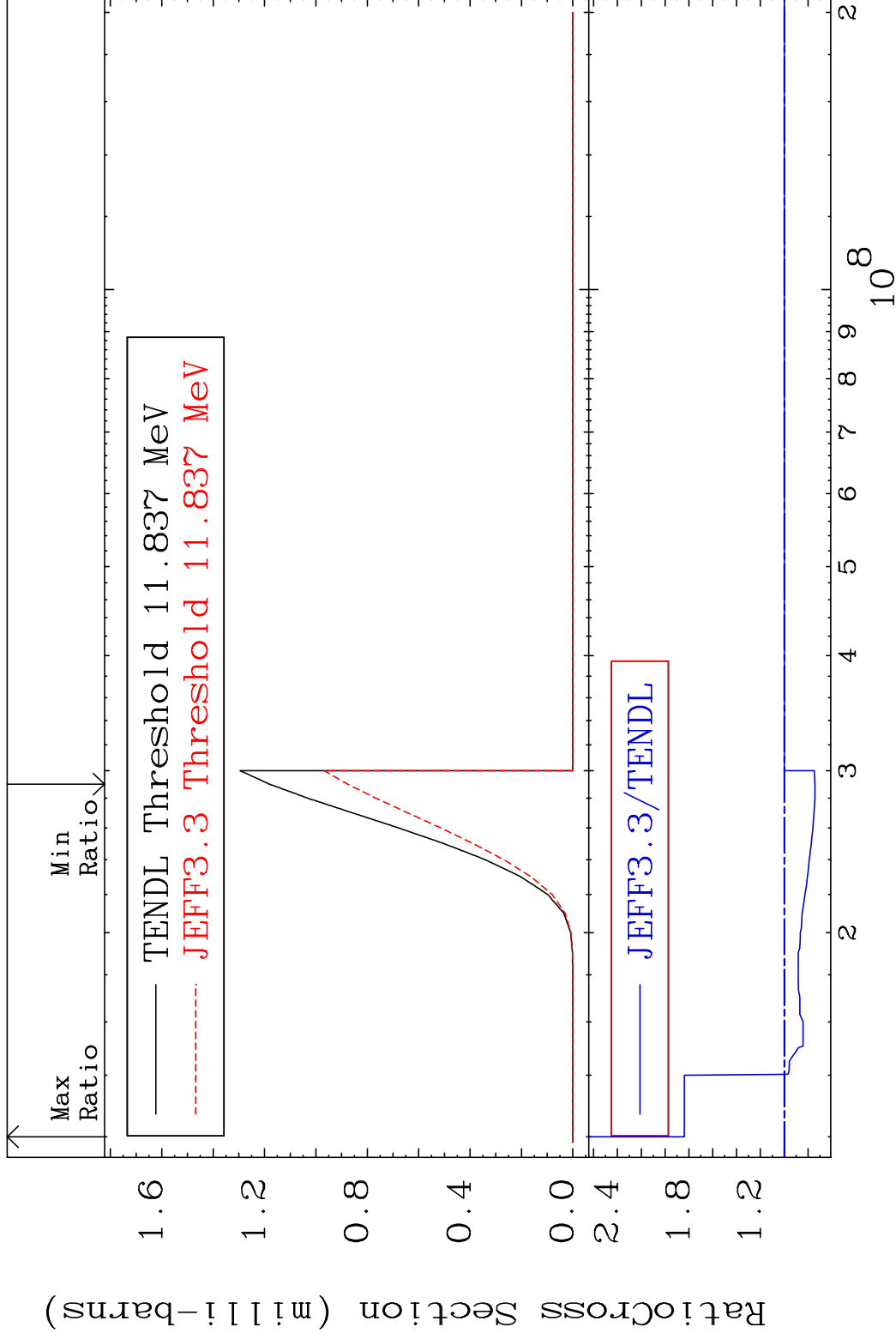
33-As-72

MAT 3316

(n,p) d

33-As-72

Cross Section -25.75 To 83.86 %



61

Incident Energy (eV)

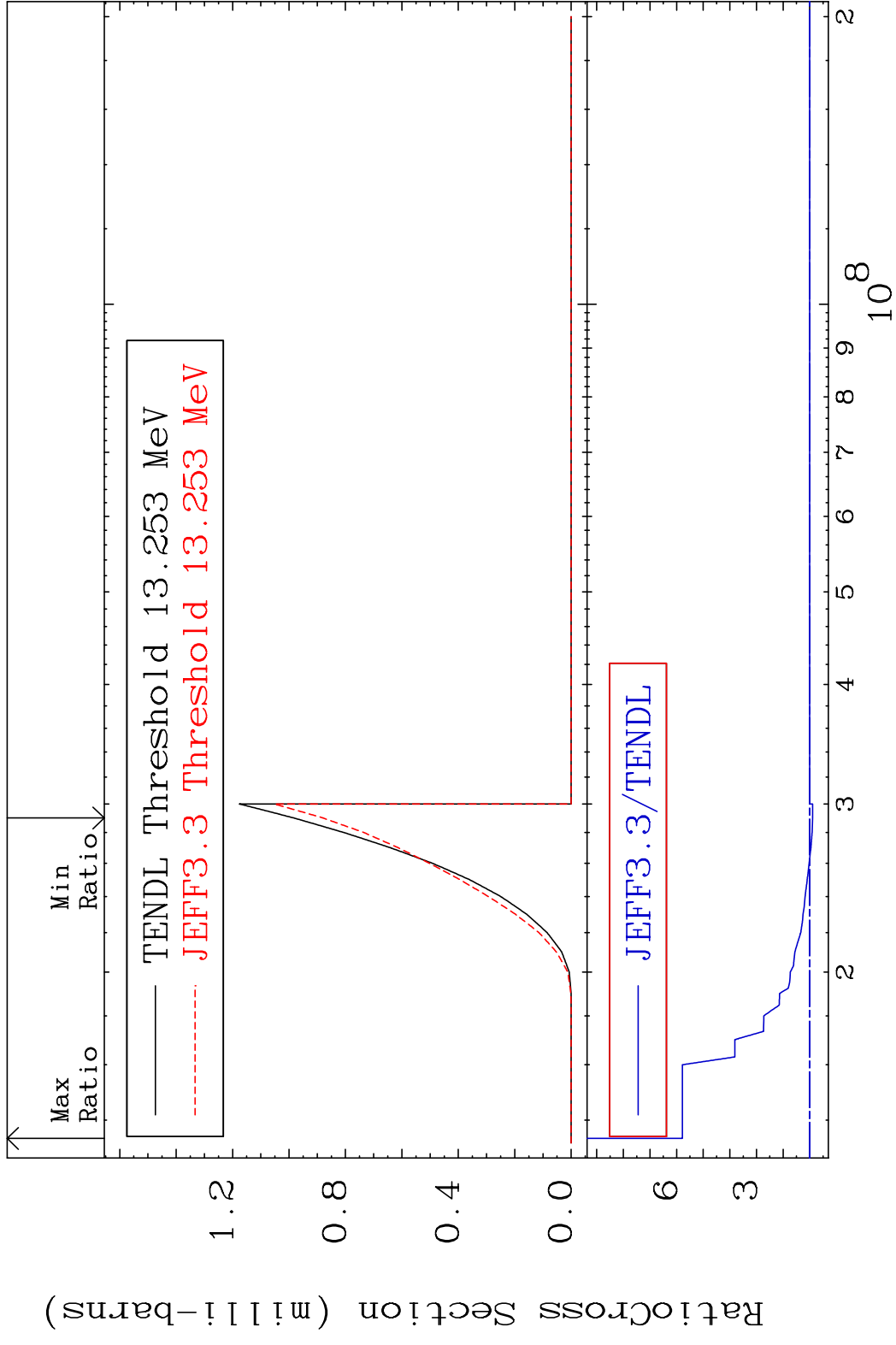
33-As-72

MAT 3316

(n,p) t

33-As-72

Cross Section -10.54 To 478.5 %



62

Incident Energy (eV)

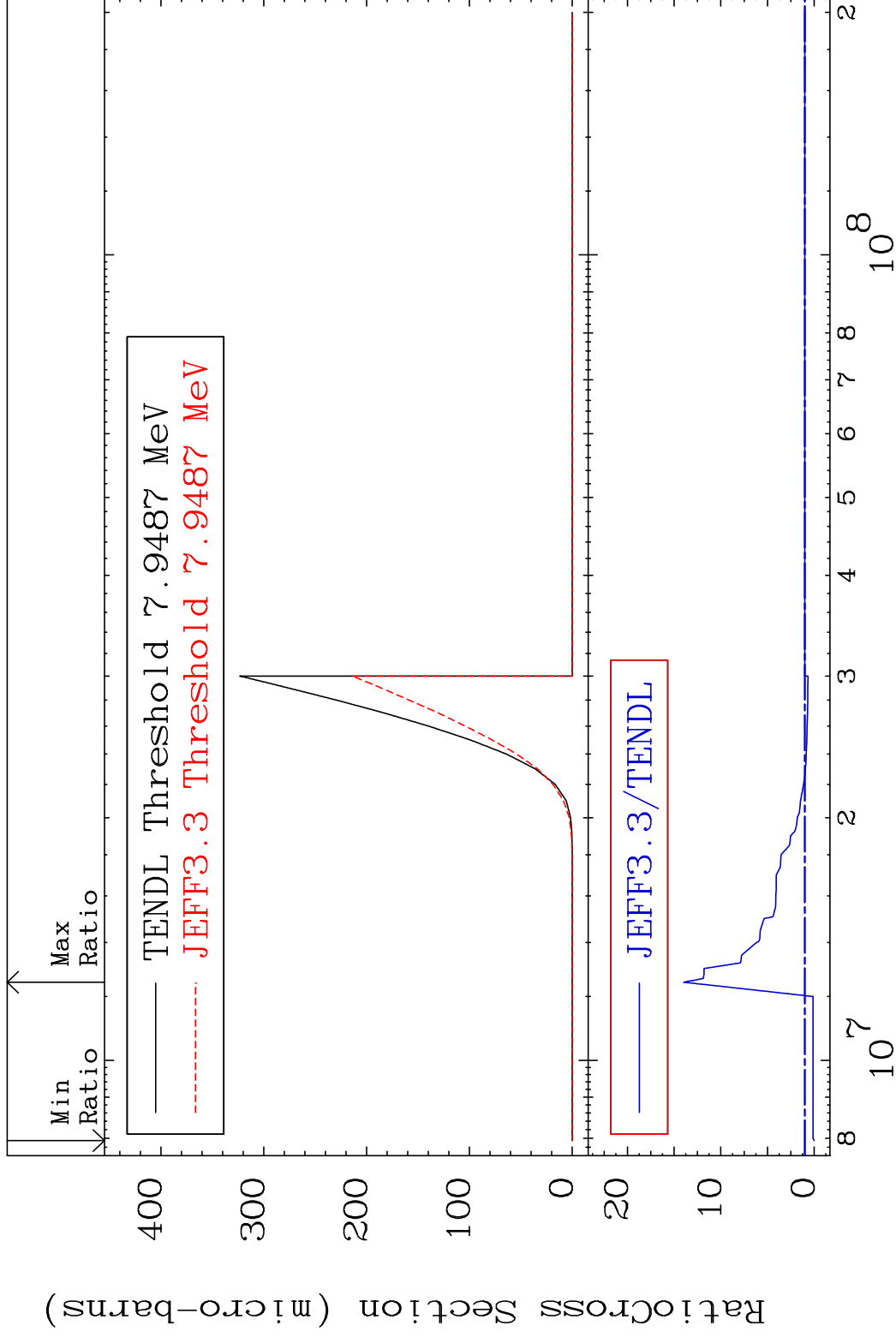
33-As-72

MAT 3316

(n,d) α

33-As-72

Cross Section -100.0 To 1298. %



63

Incident Energy (eV)

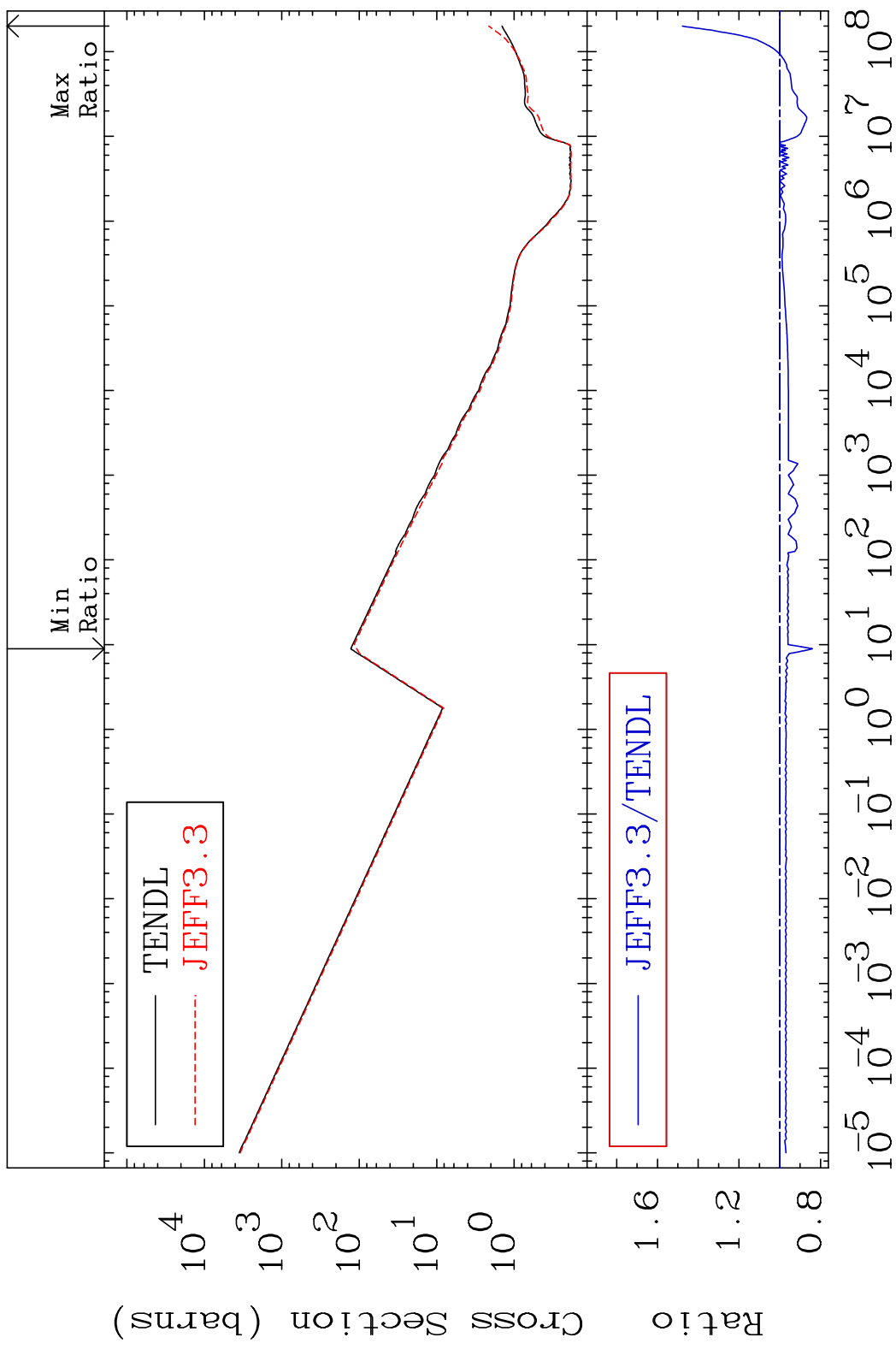
33-As-72

MAT 3316

Hydrogen Production

33-As-72

Cross Section -16.08 To 47.79 %



64

Incident Energy (eV)

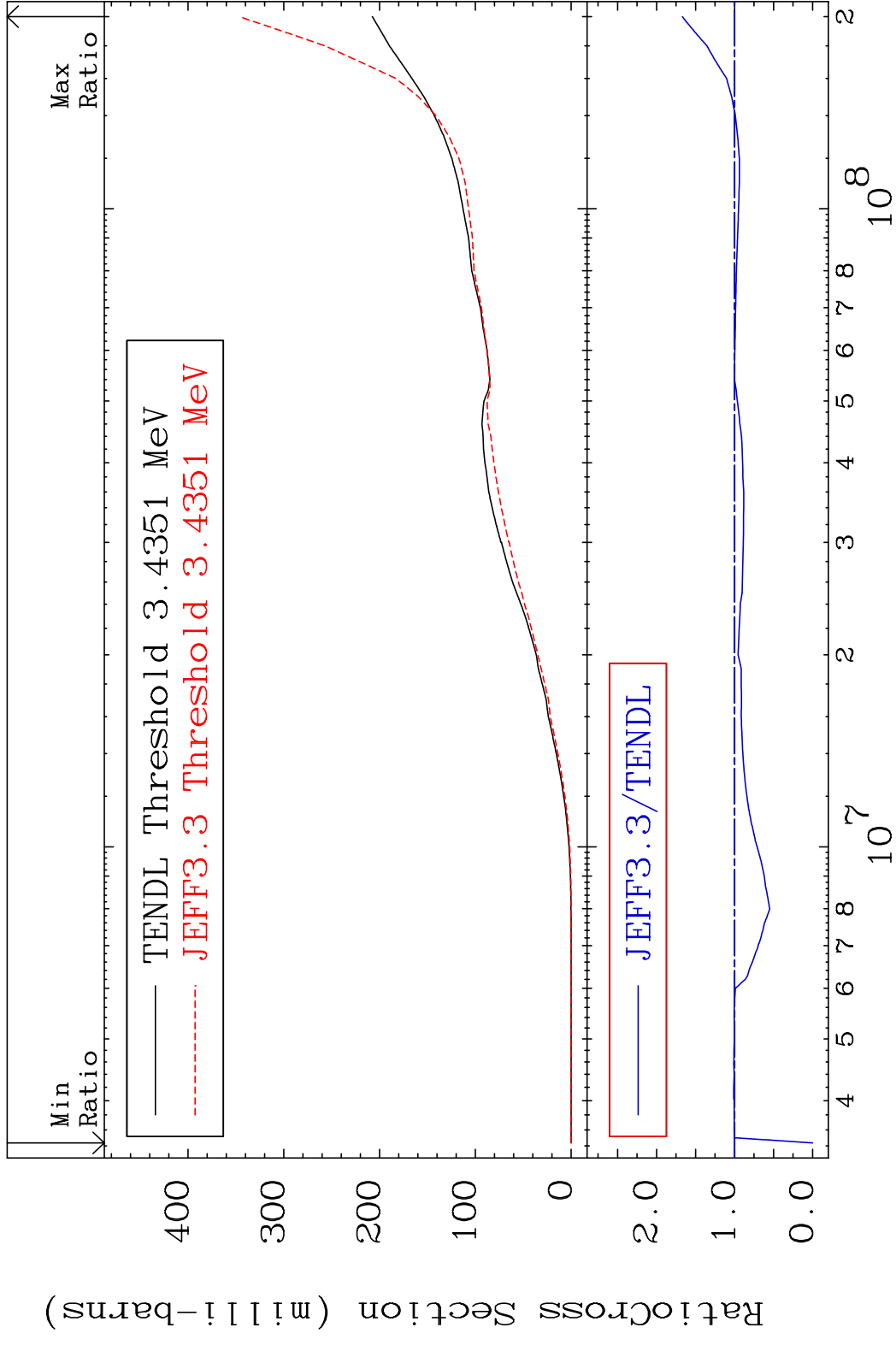
33-As-72

MAT 3316

Deuterium Production

33-As-72

Cross Section -100.0 To 66.92 %

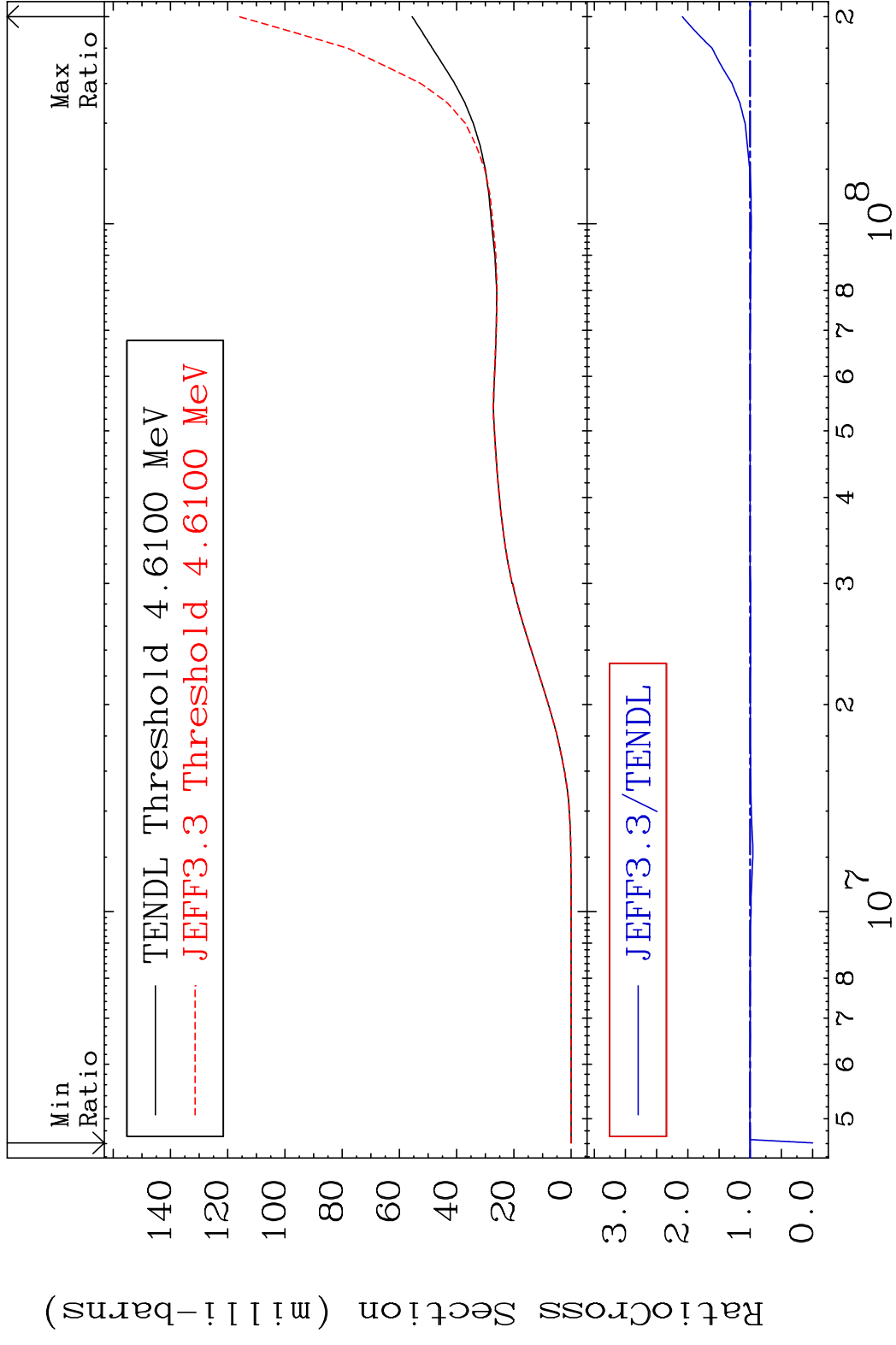


MAT 3316

Tritium Production

33-As-72

Cross Section -100.0 To 108.7 %

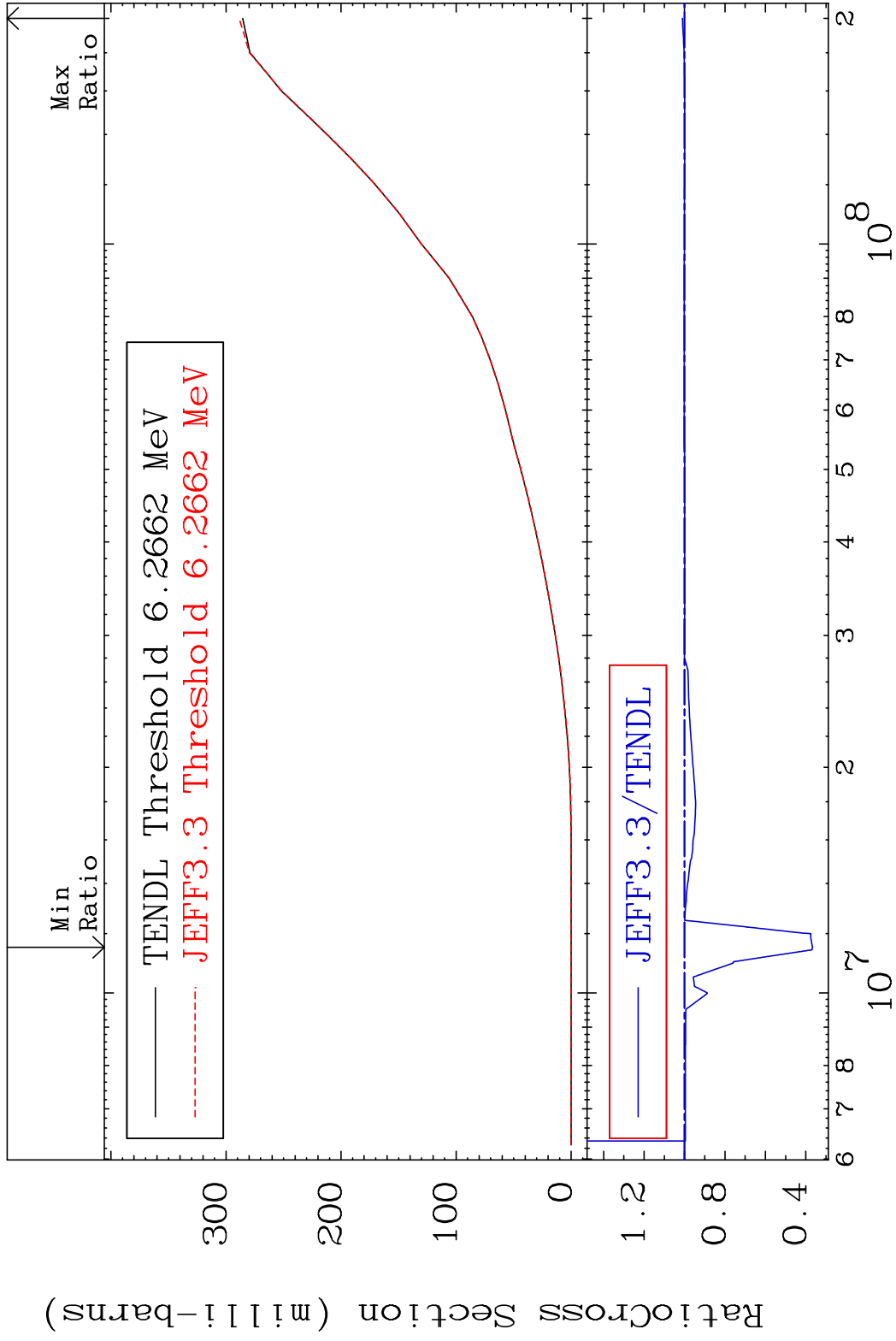


MAT 3316

He-3 Production

33-As-72

Cross Section -63.34 To 1.068 %



67

Incident Energy (eV)

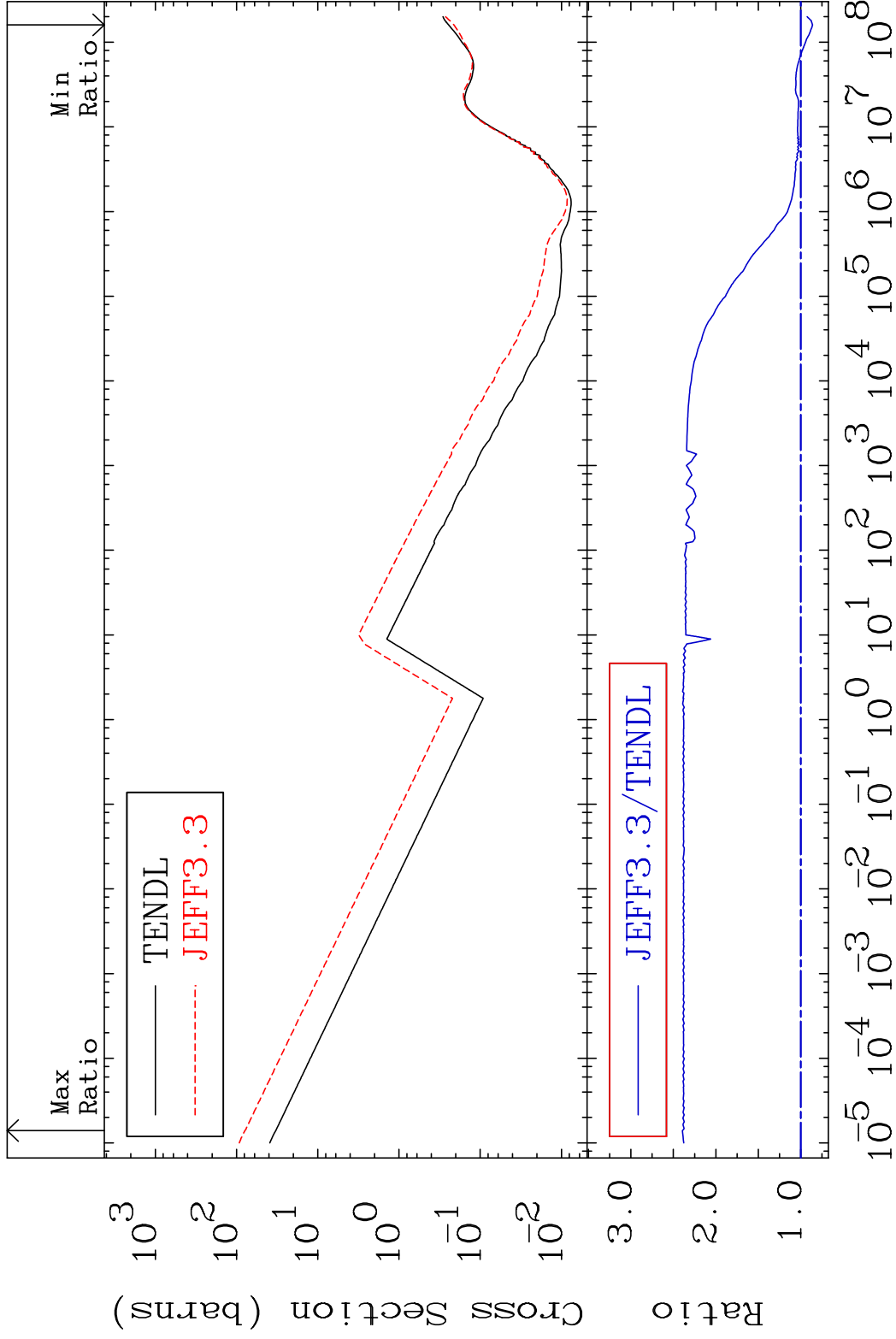
33-As-72

MAT 3316

He-4 Production

33-As-72

Cross Section -13.95 To 139.4 %

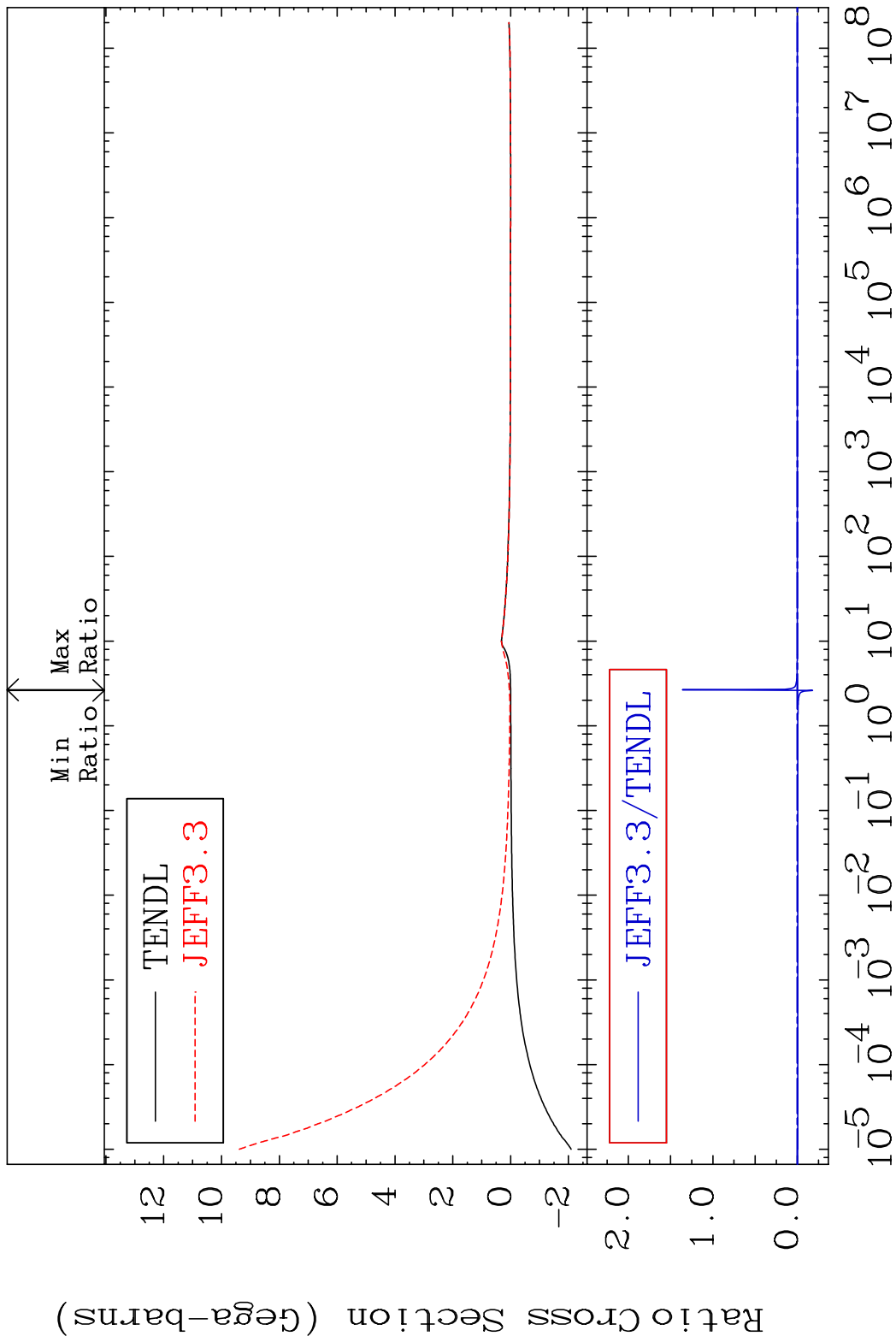


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Incident Energy (eV)

33-As-72

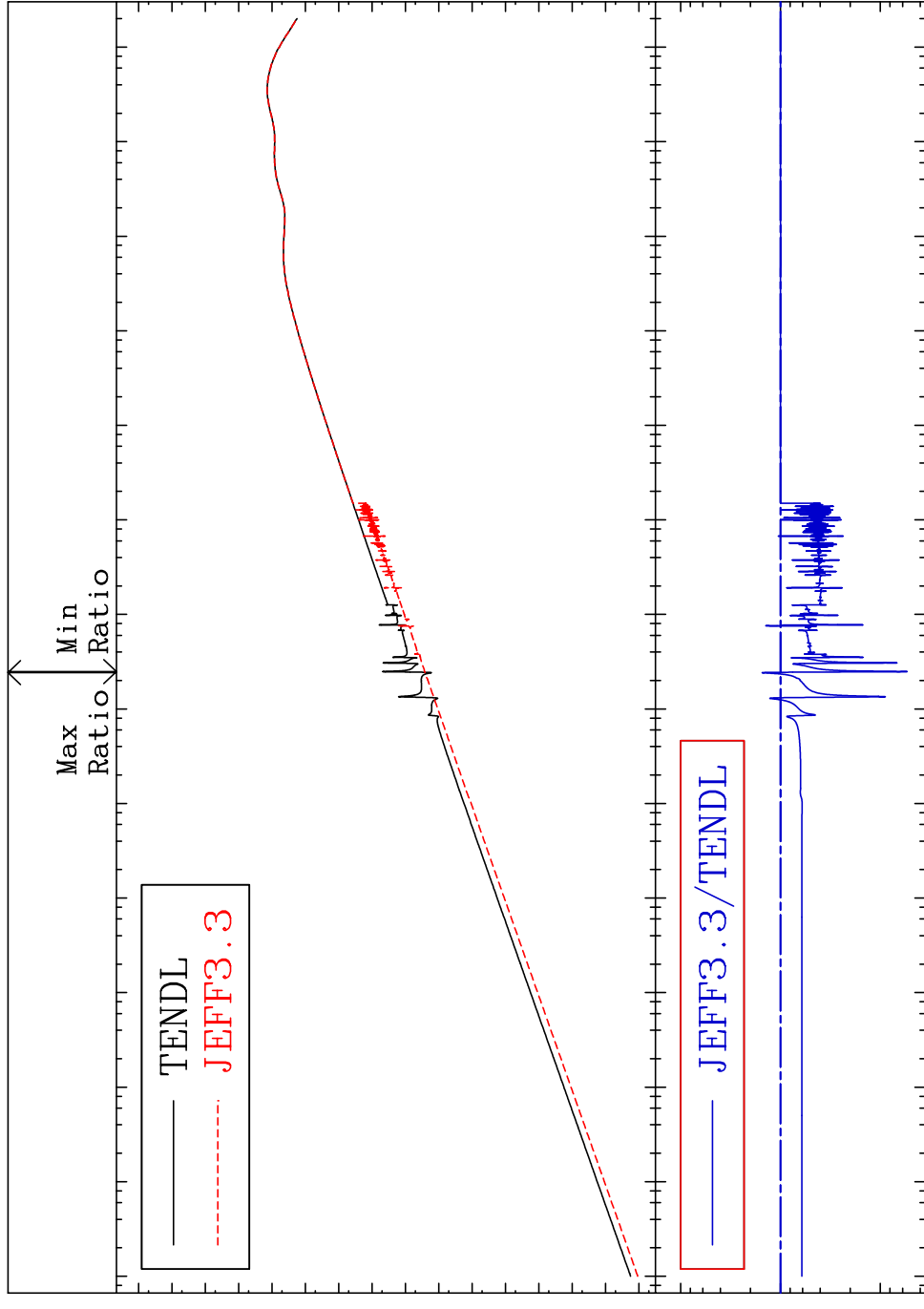
MAT 3316 Kerma total (eV-barns) 33-As-72
 Cross Section -9999. To 9999. %



MAT 3316

Kerma elastic
Cross Section -94.61 To 53.73 %

33-As-72



10^8
 10^6
 10^4
 10^2
 10^0
 10^{-2}
 10^{-4}
 10^{-6}

10^0
 10^{-1}

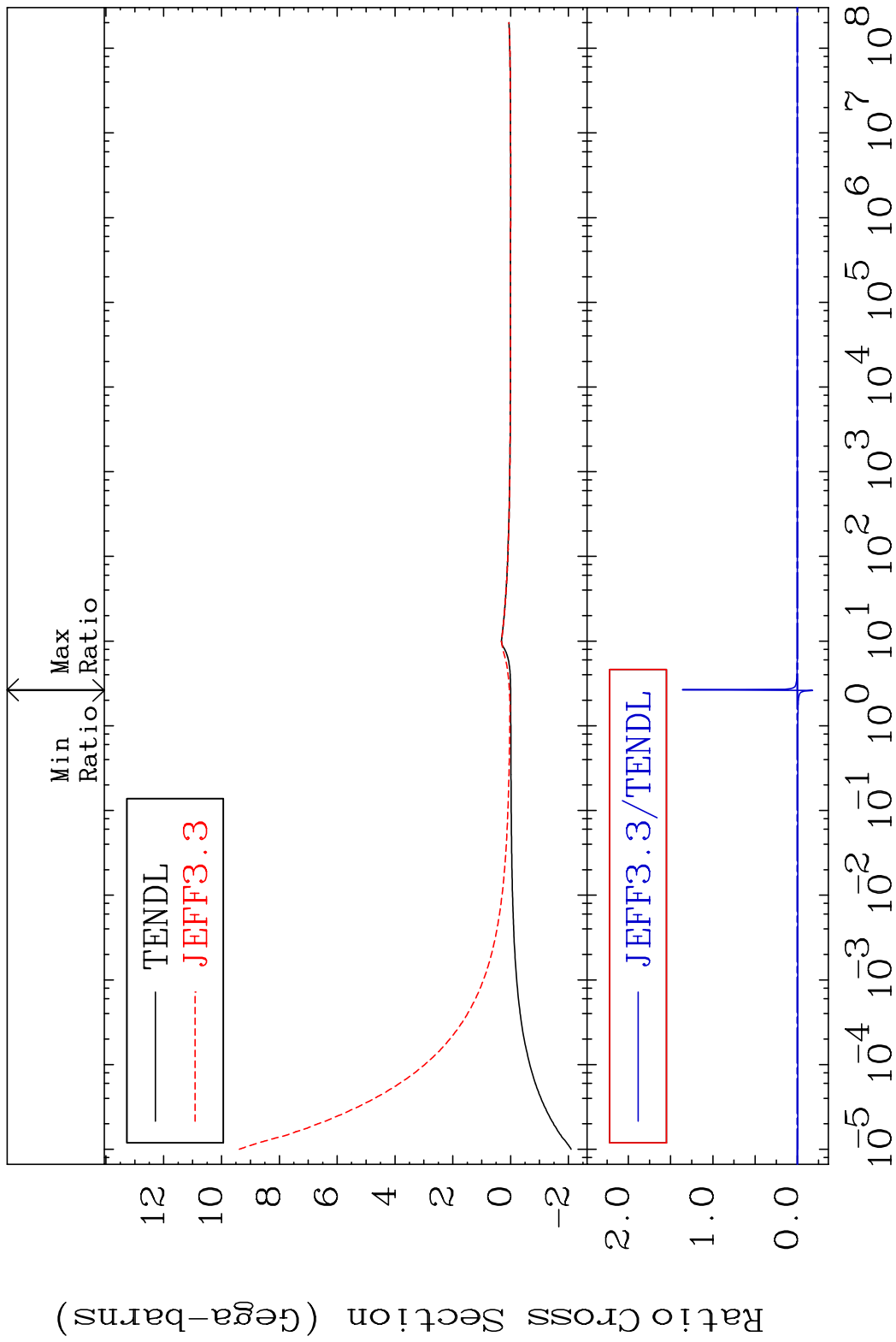
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

70

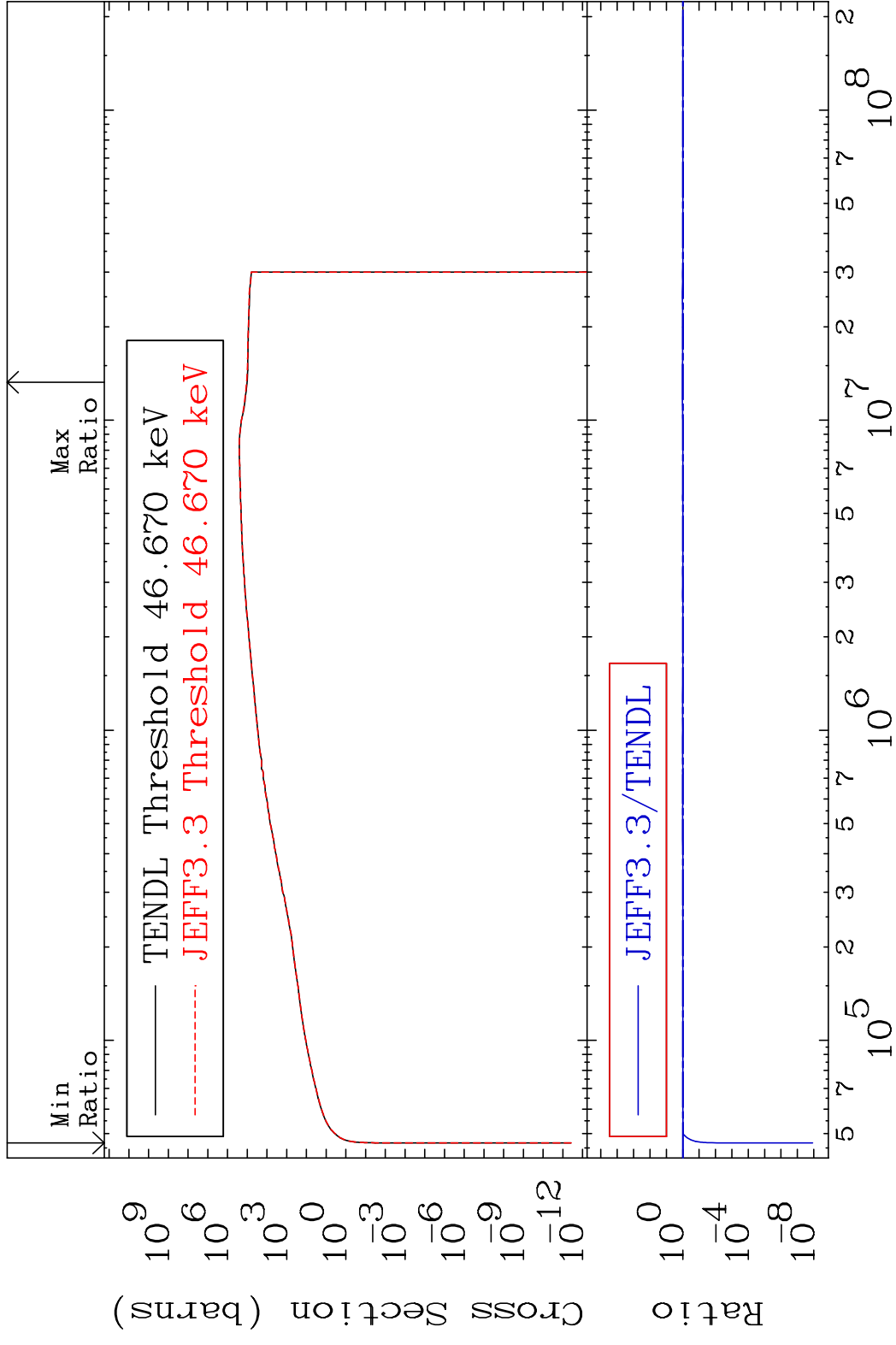
Incident Energy (eV)

33-As-72

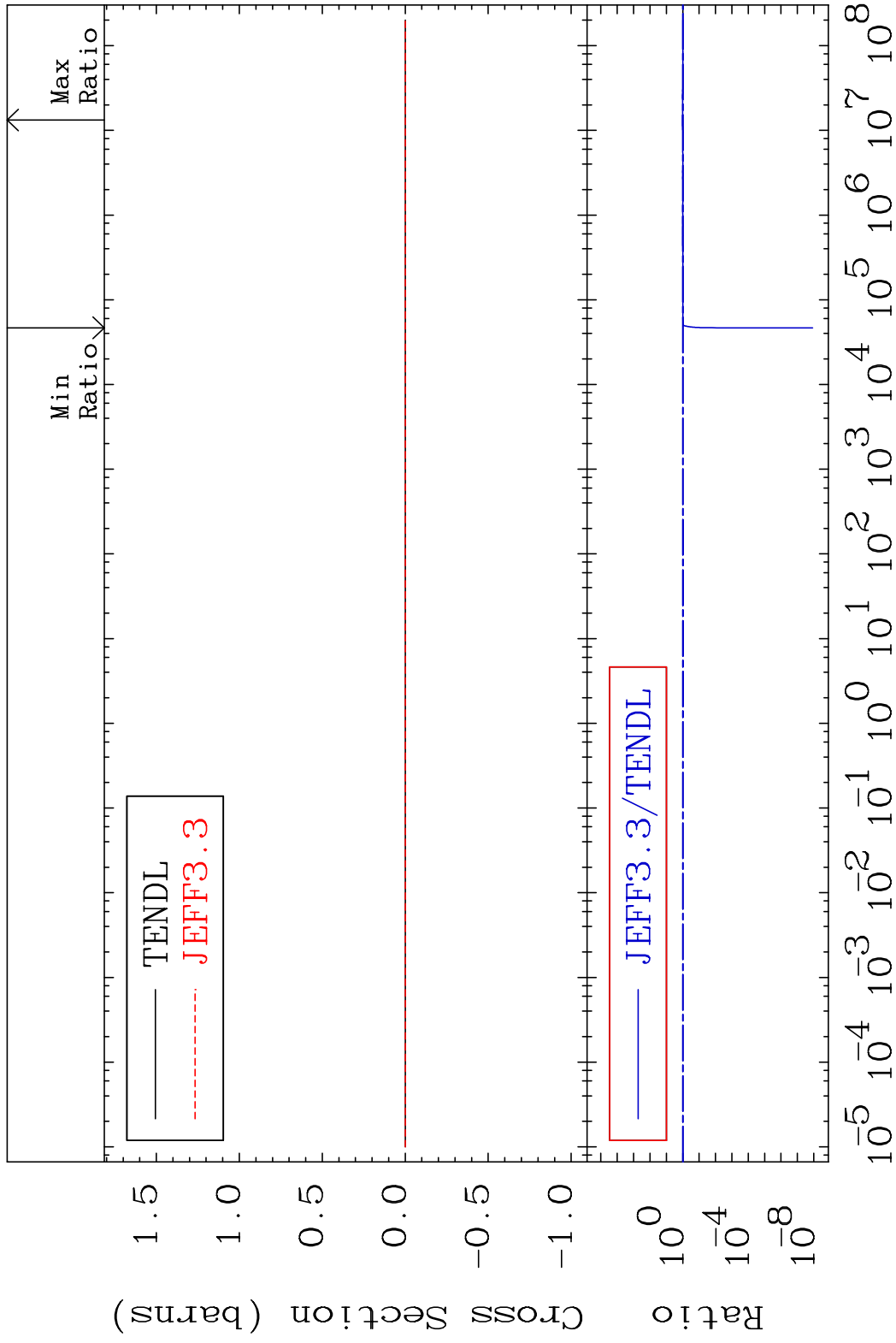
MAT 3316 Kerma non-elastic (all but mt2) 33-As-72
 Cross Section -9999. To 9999. %



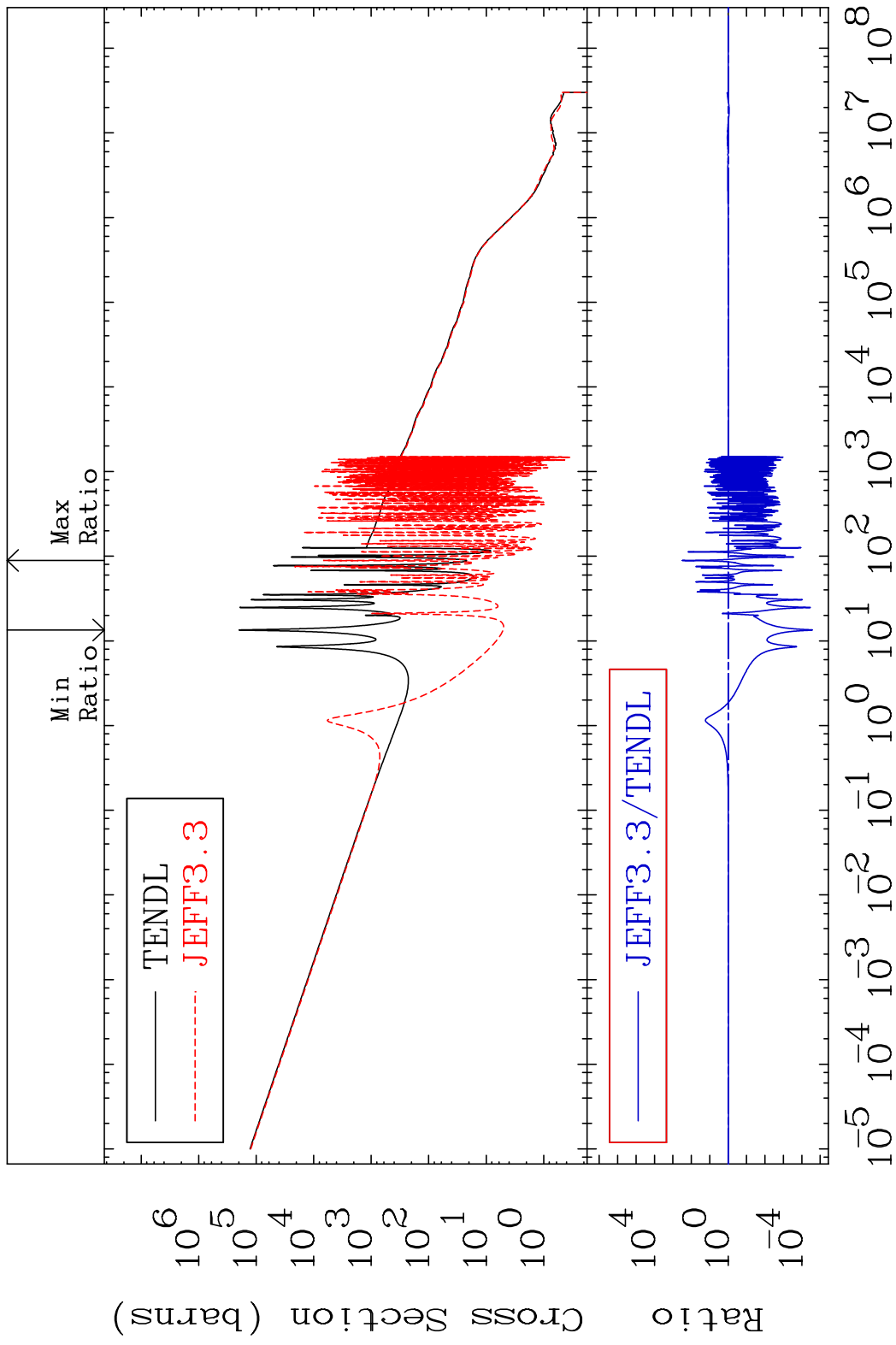
MAT 3316 Kerma inelastic (mt51-91) 33-As-72
 Cross Section -100.0 To 5.655 %



MAT 3316 Kerma fission (mt18 or mt19-20-21-38) 33-As-72
 Cross Section -100.0 To 5.655 %



MAT 3316 Kerma capture (mt102) 33-As-72
 Cross Section -100.0 To 9999. %

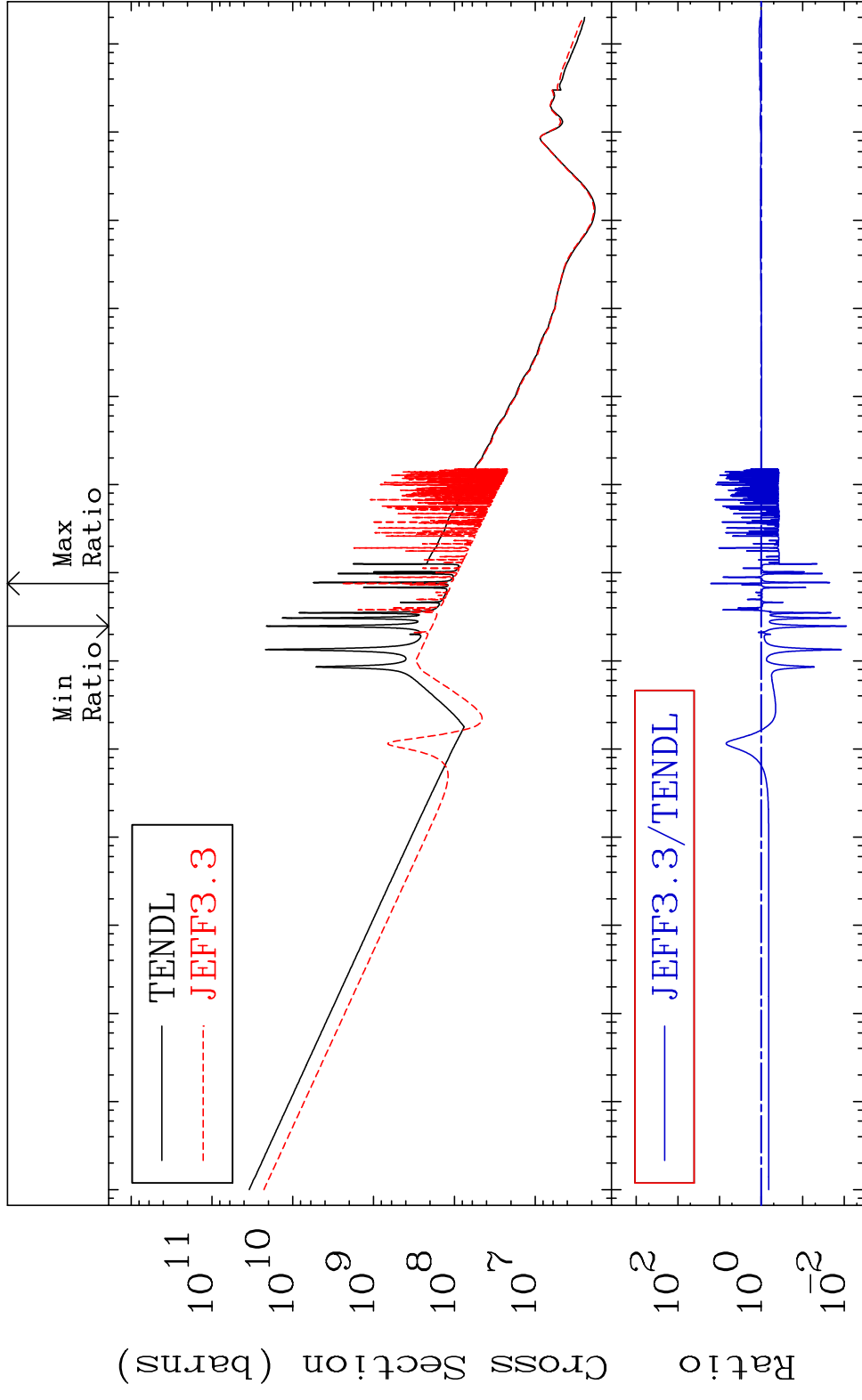


74 Incident Energy (eV) 33-As-72

MAT 3316

Total photon (eV-barns)
Cross Section -99.11 To 1524. %

33-As-72

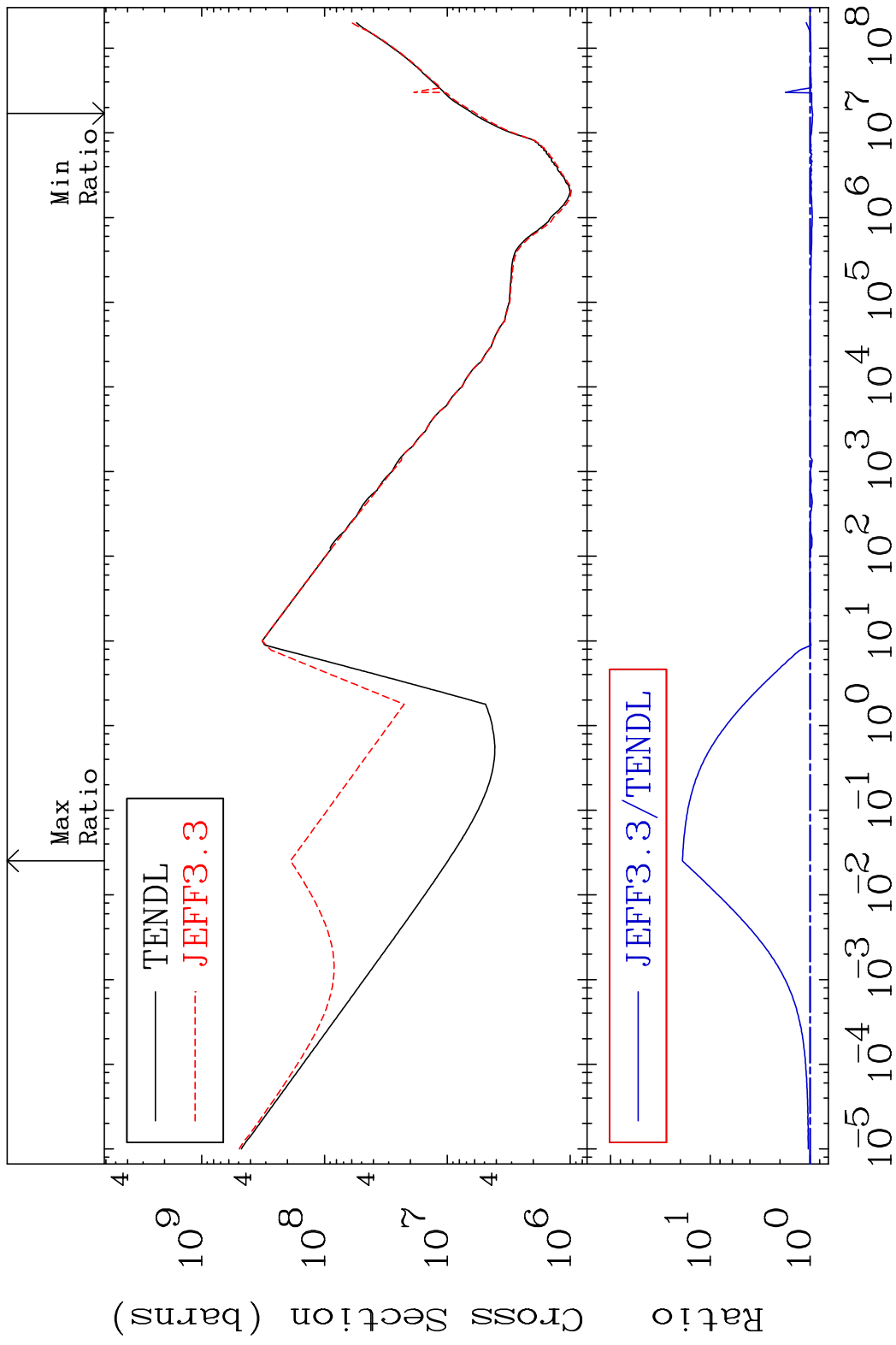


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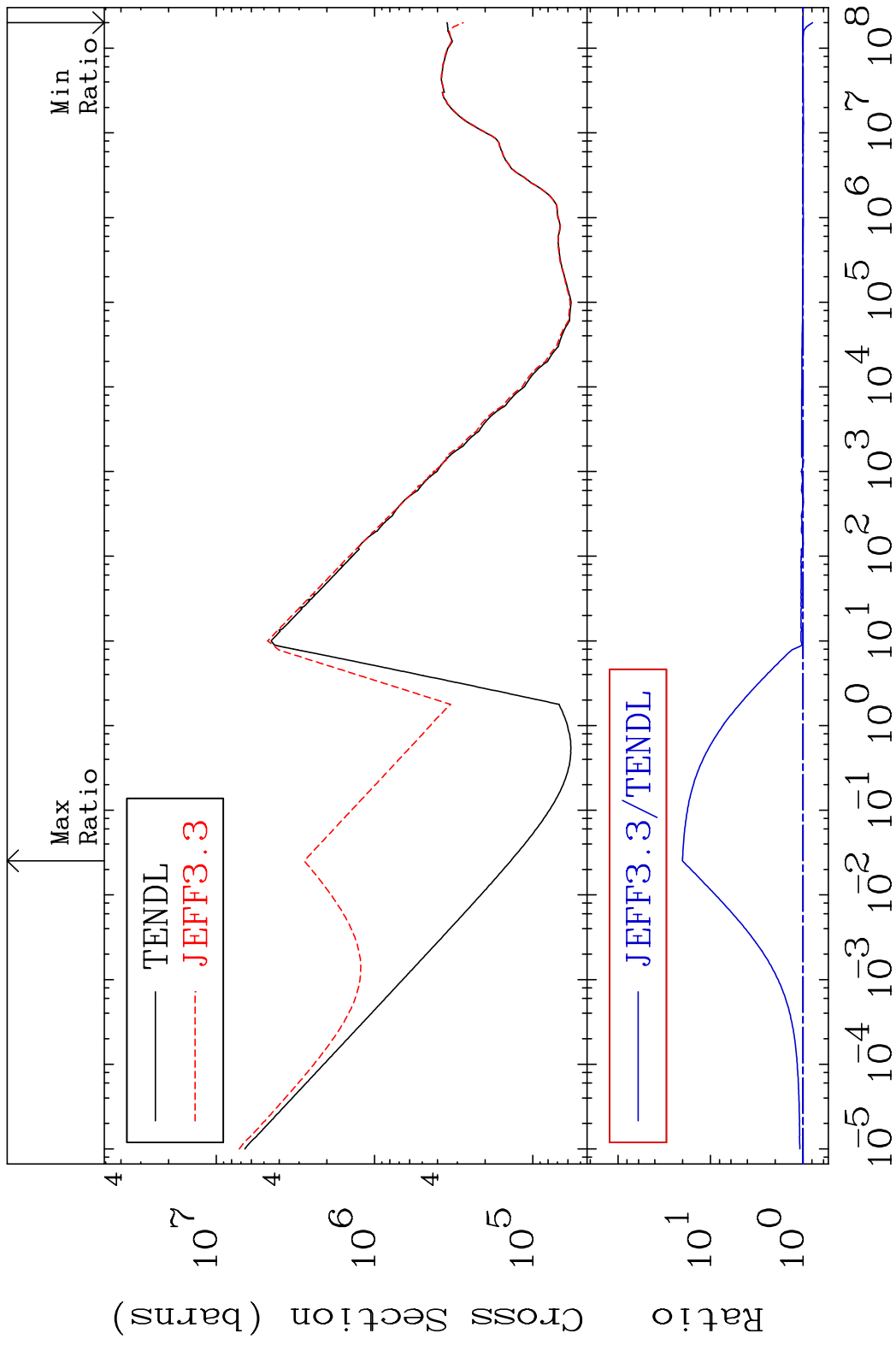
Incident Energy (eV)

33-As-72

MAT 3316 Total kinematic kerma (high limit) 33-As-72
 Cross Section -5.672 To 1807. %



MAT 3316 Dpa total (eV-barns) 33-As-72
 Cross Section -21.10 To 1917. %



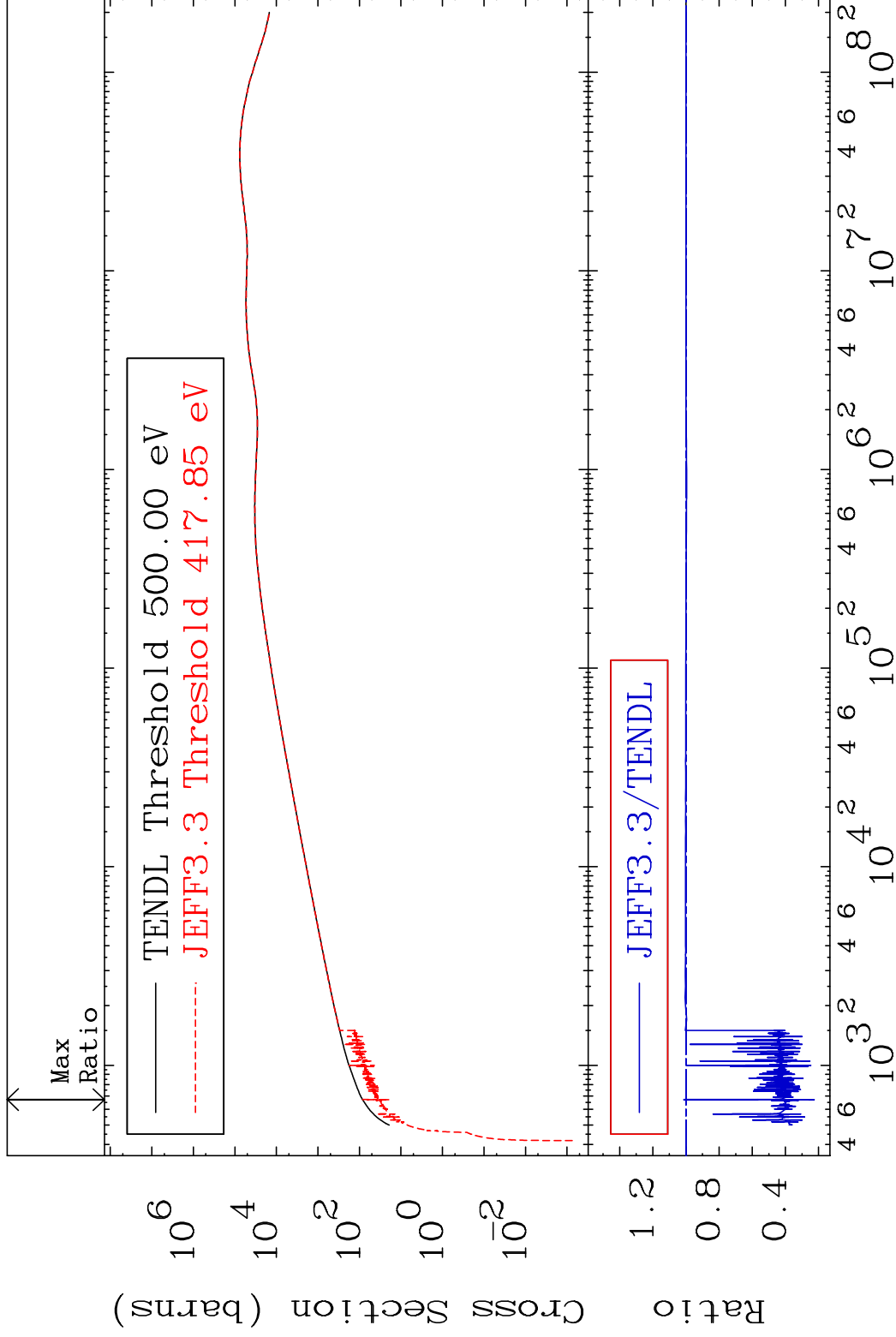
77 Incident Energy (eV) 33-As-72

MAT 3316

Dpa elastic (mt2)

33-As-72

Cross Section -77.31 To 1.393 %

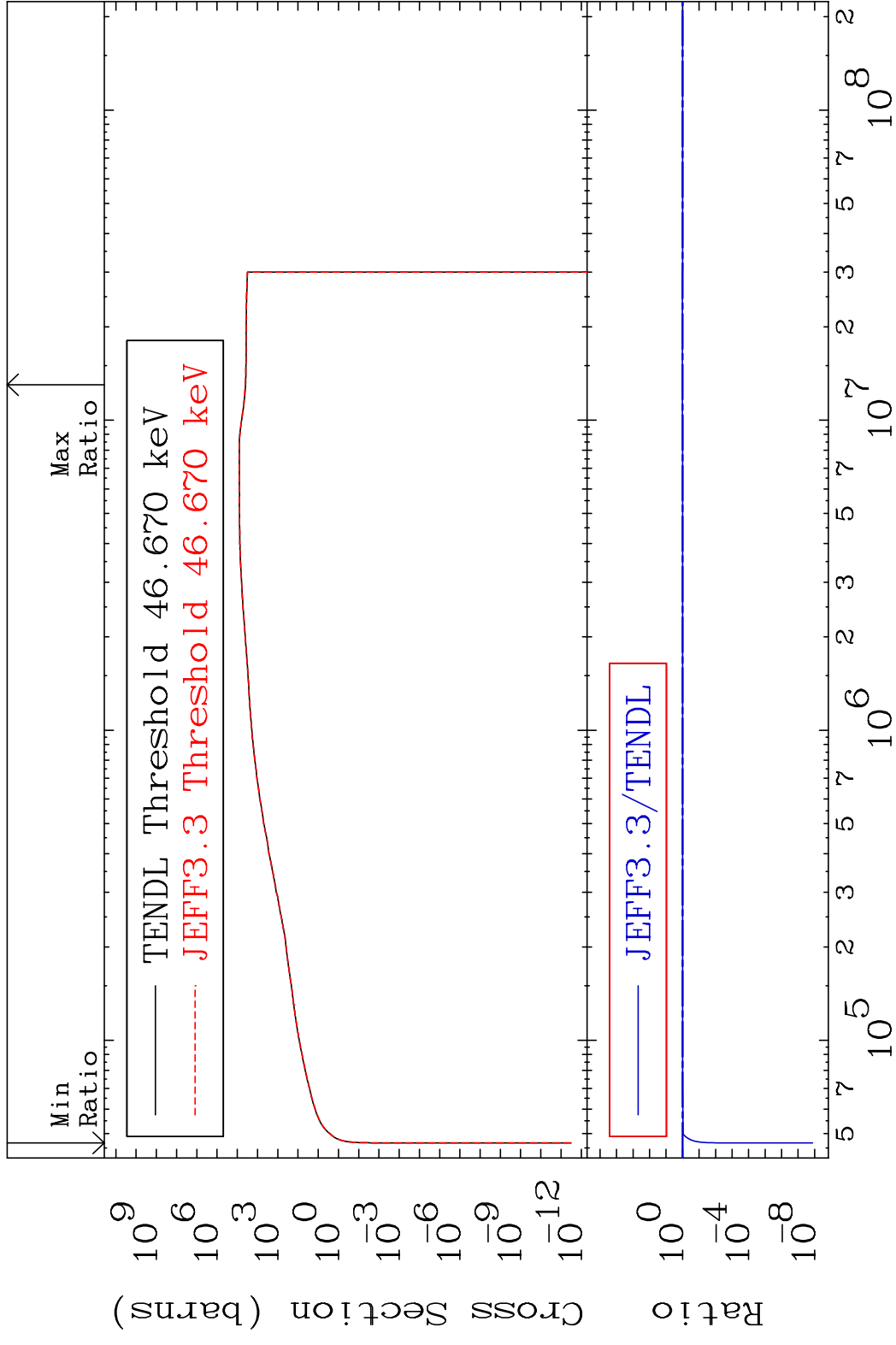


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Incident Energy (eV)

33-As-72

MAT 3316 Dpa inelastic (mt51-91) 33-As-72
 Cross Section -100.0 To 3.102 %



MAT 3316 Dpa disappearance (mt102 -120) 33-As-72
 Cross Section -2.887 To 1917. %

