

Program Complot
(Version 2021-1)

by

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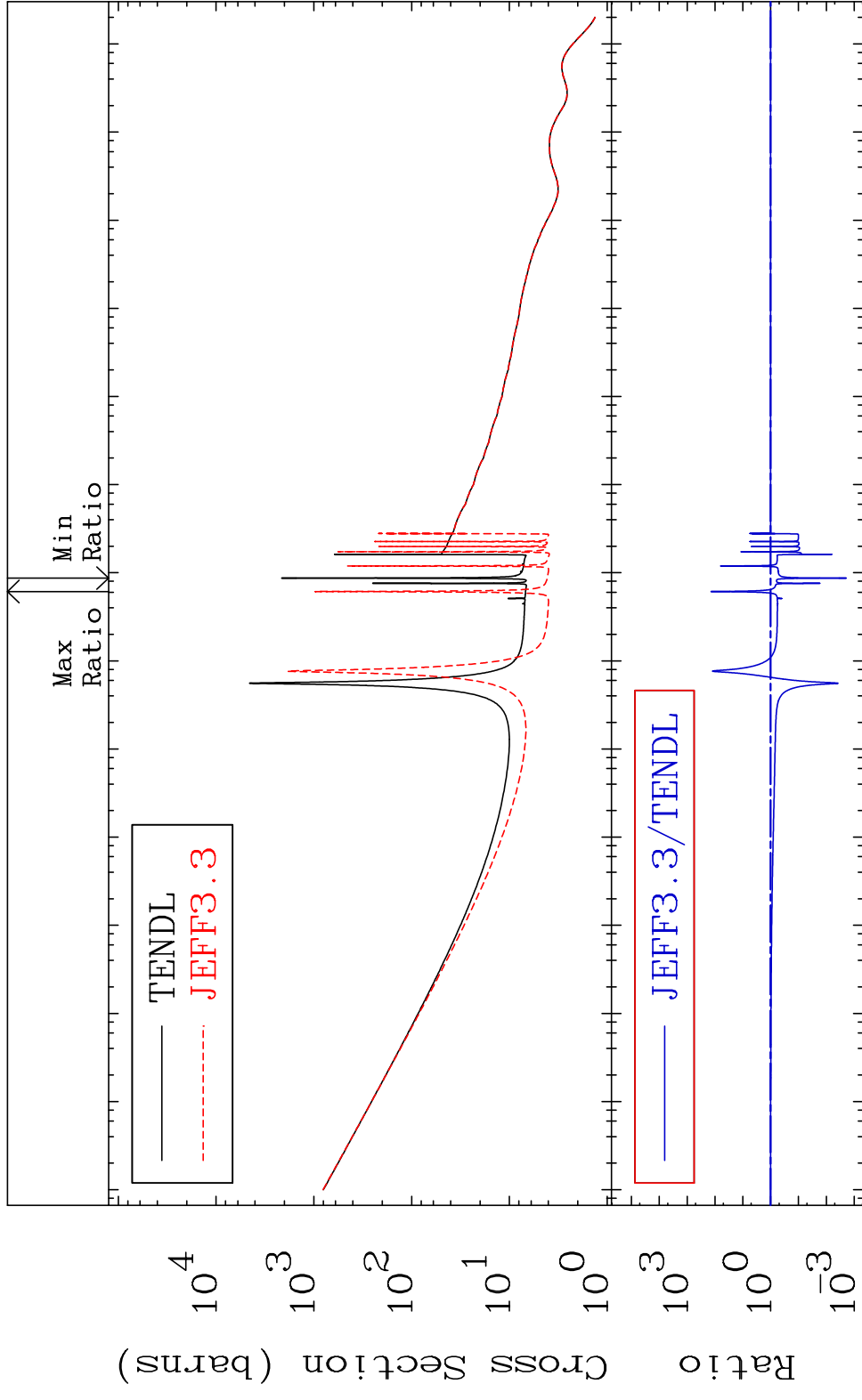
Press Mouse Button to Start

MAT 3319

Total

33-As-73

Cross Section -99.81 To 9999. %



1

Incident Energy (eV)

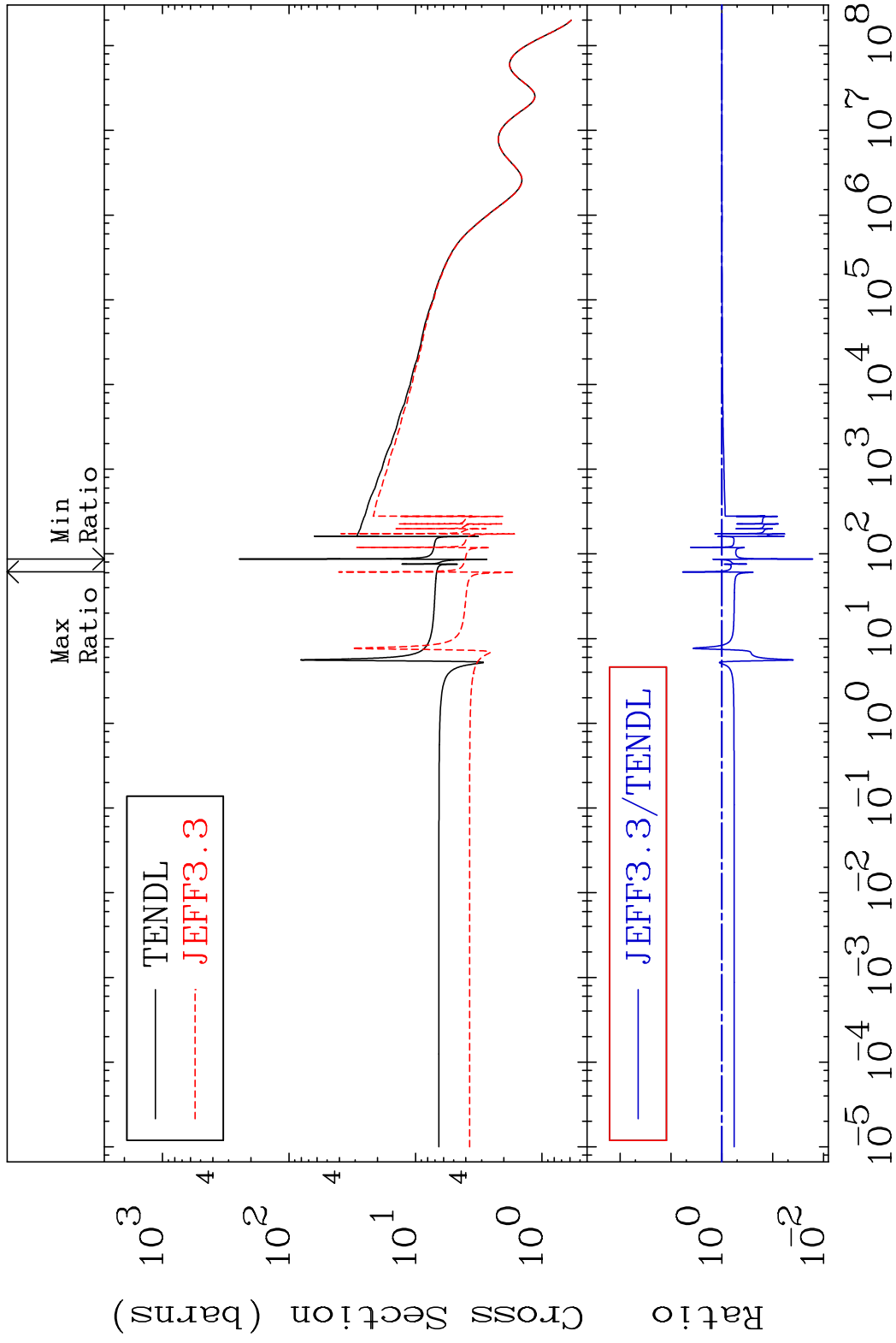
33-As-73

MAT 3319

Elastic

33-As-73

Cross Section -98.36 To 496.4 %



2

Incident Energy (eV)

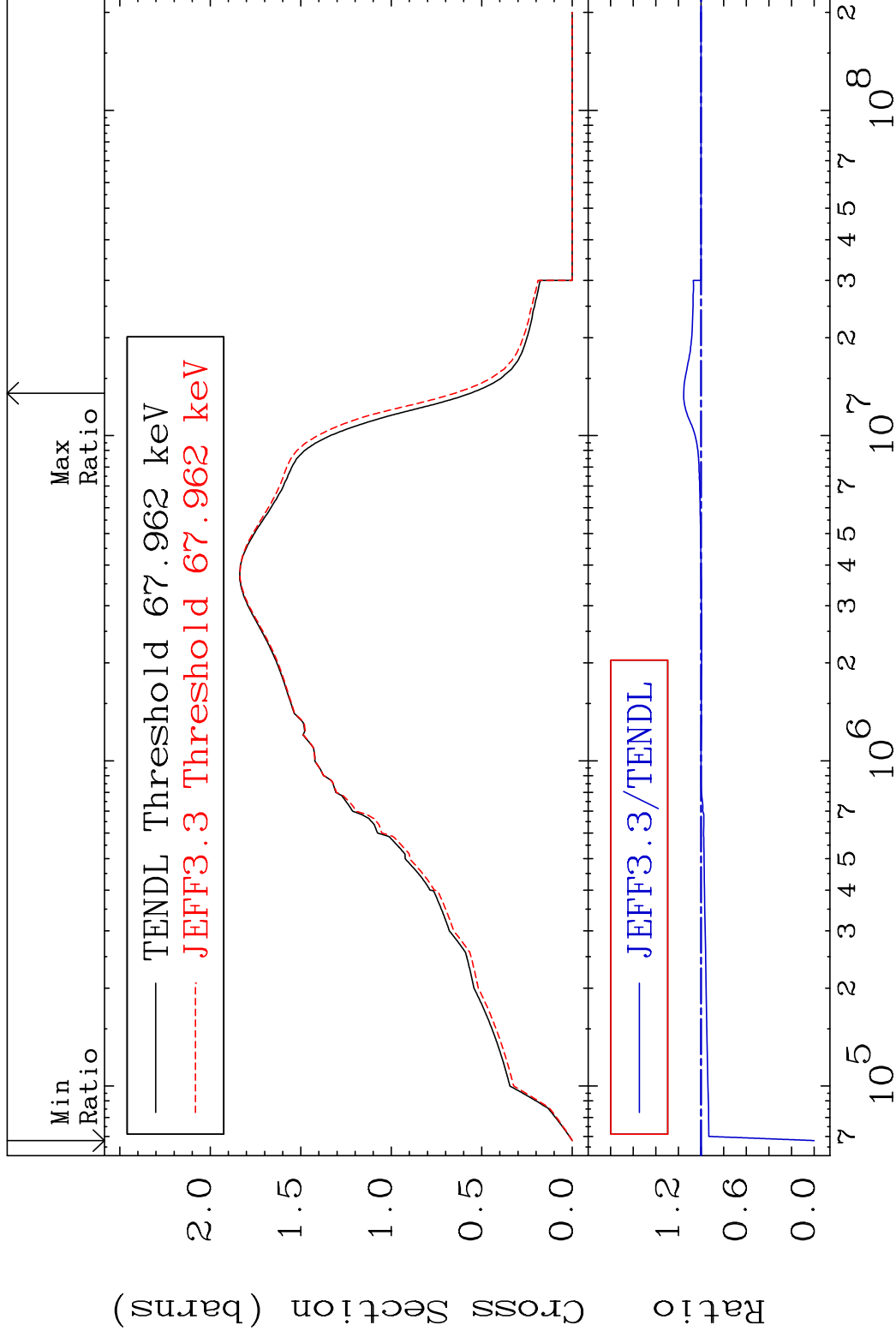
33-As-73

MAT 3319

Inelastic

33-As-73

Cross Section -100.0 To 15.41 %



3

Incident Energy (eV)

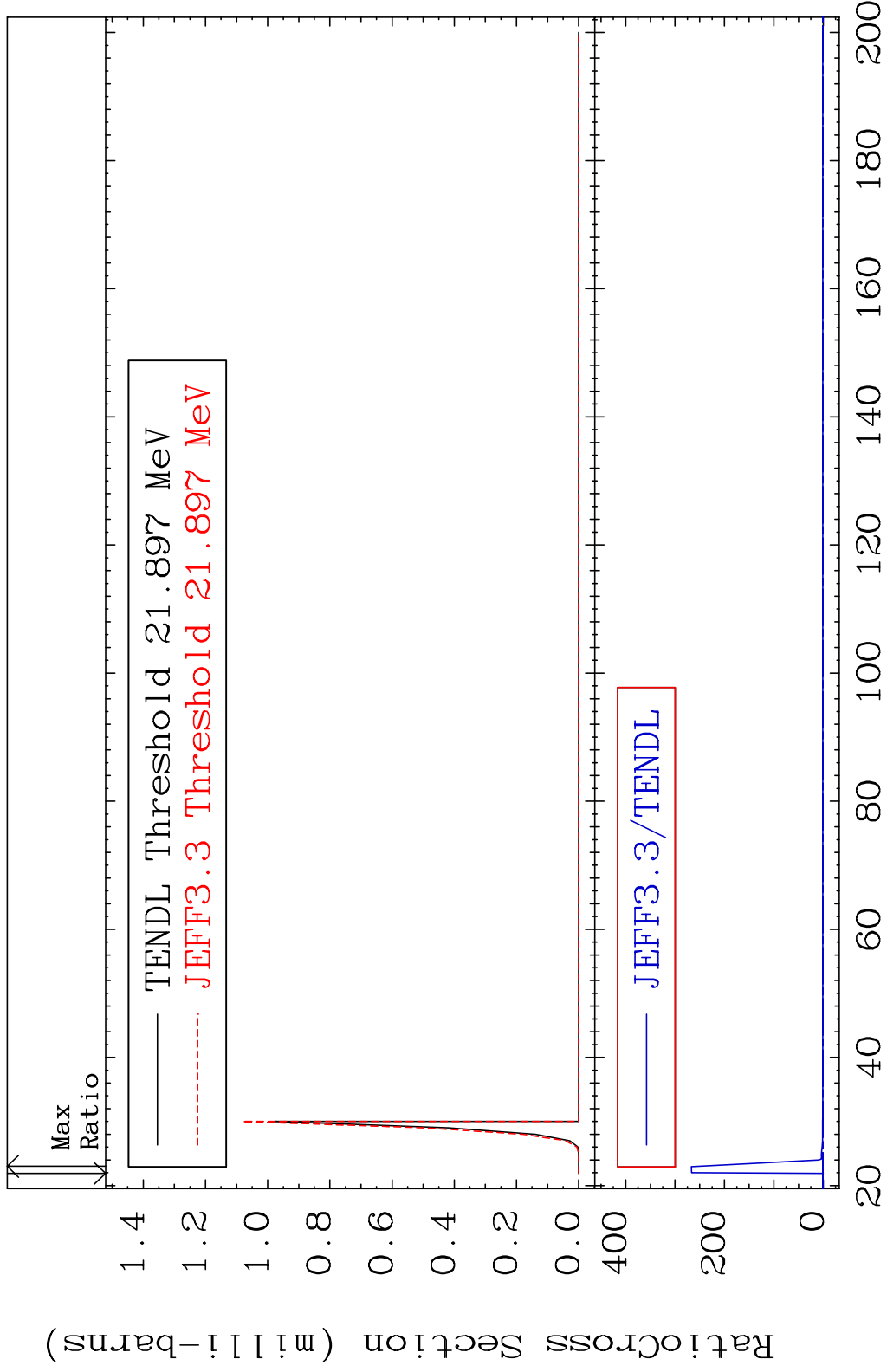
33-As-73

MAT 3319

(n,2n) d

33-As-73

Cross Section -100.0 To 9999. %

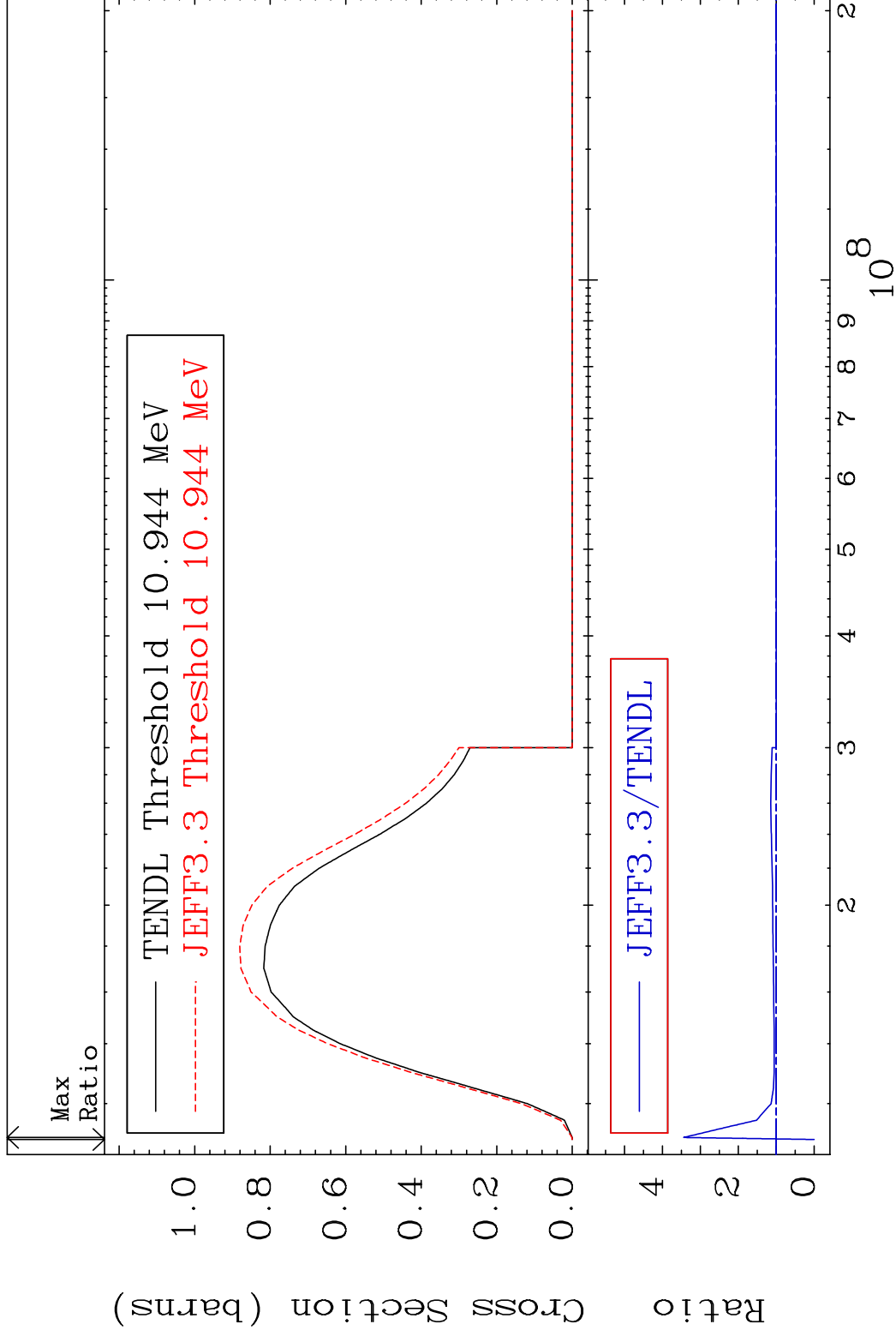


MAT 3319

(n,2n)

33-As-73

Cross Section -100.0 To 244.1 %



5

Incident Energy (eV)

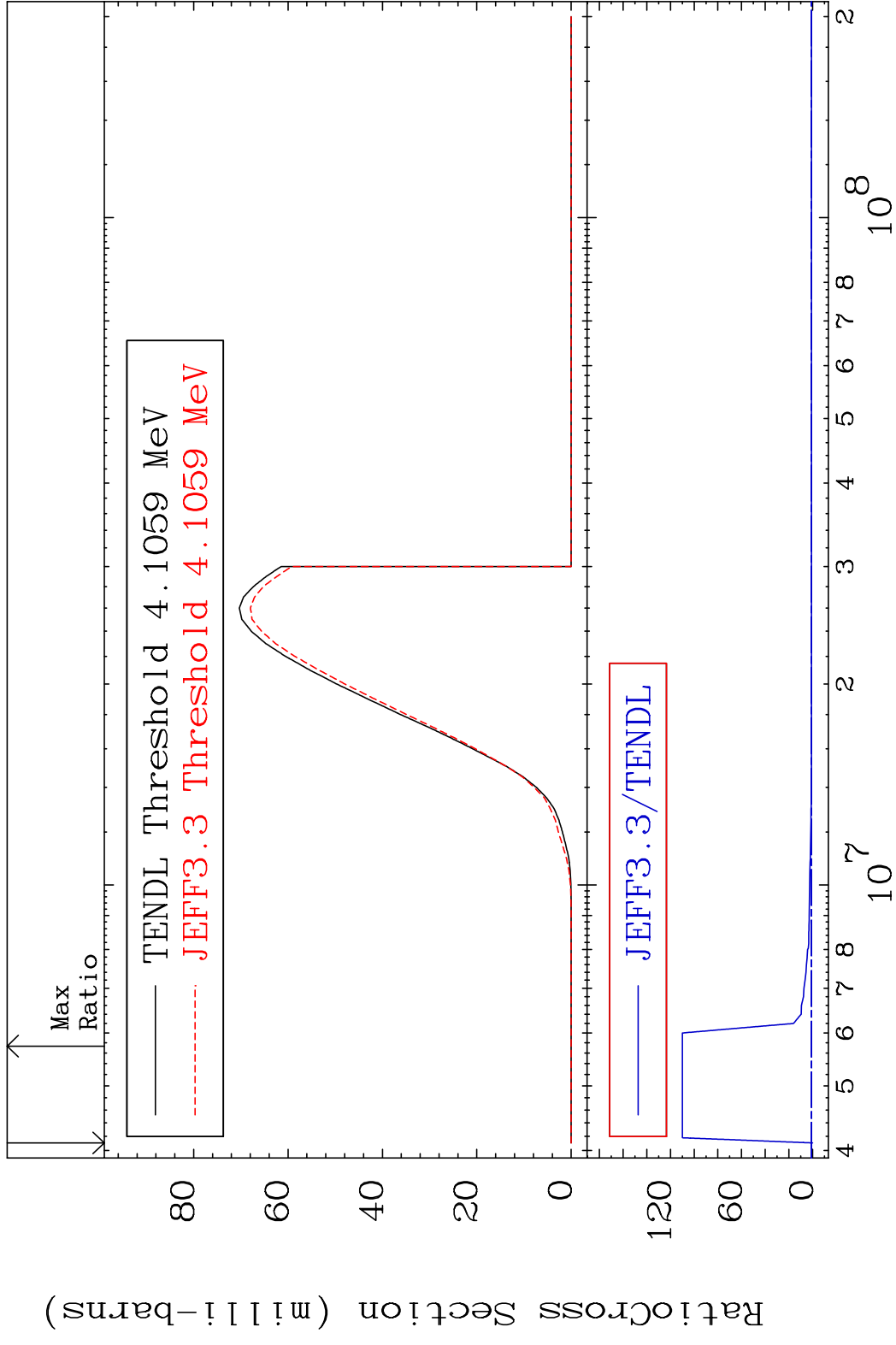
33-As-73

MAT 3319

(n, n') α

33-As-73

Cross Section -100.0 To 9999. %

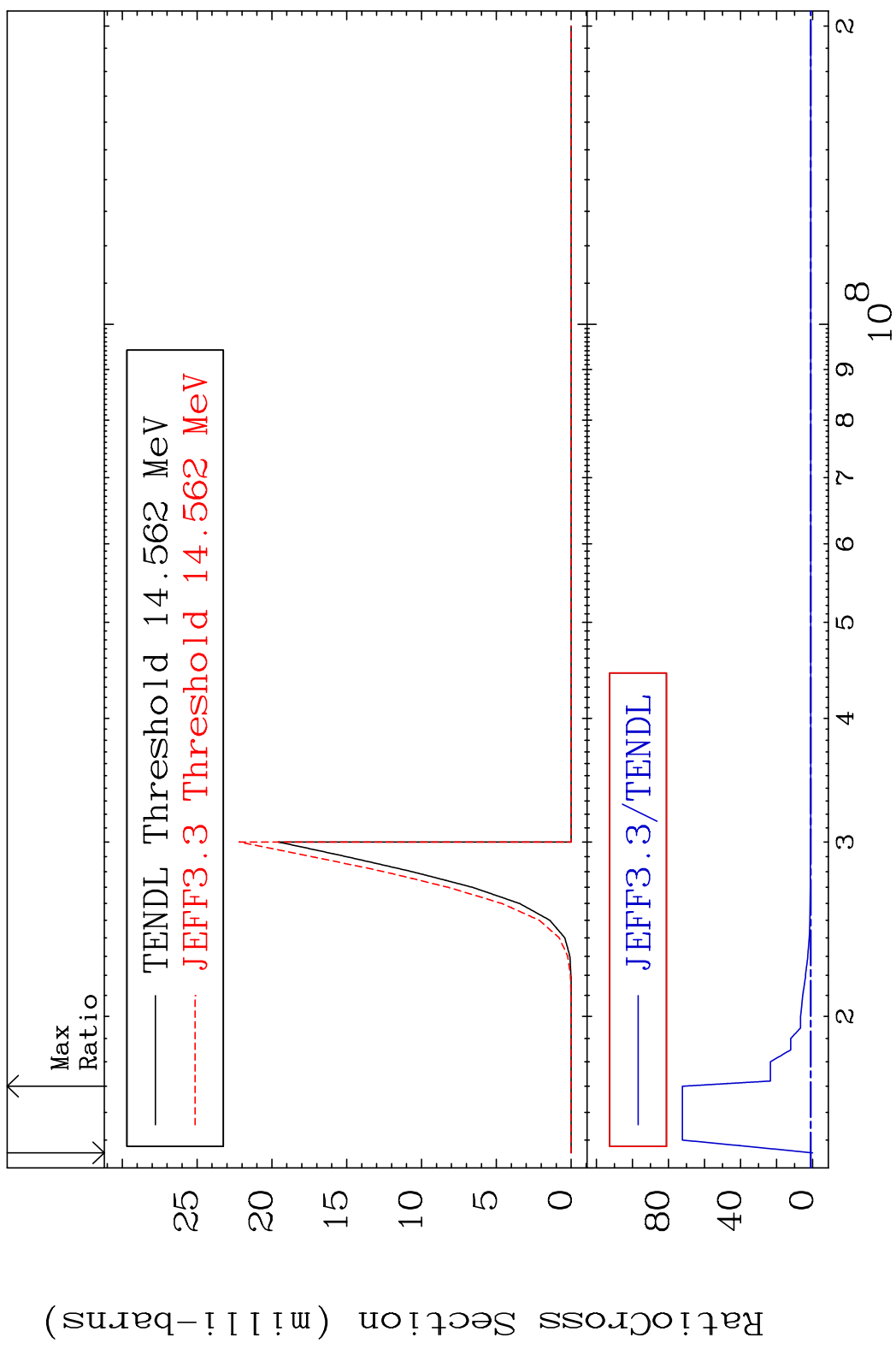


MAT 3319

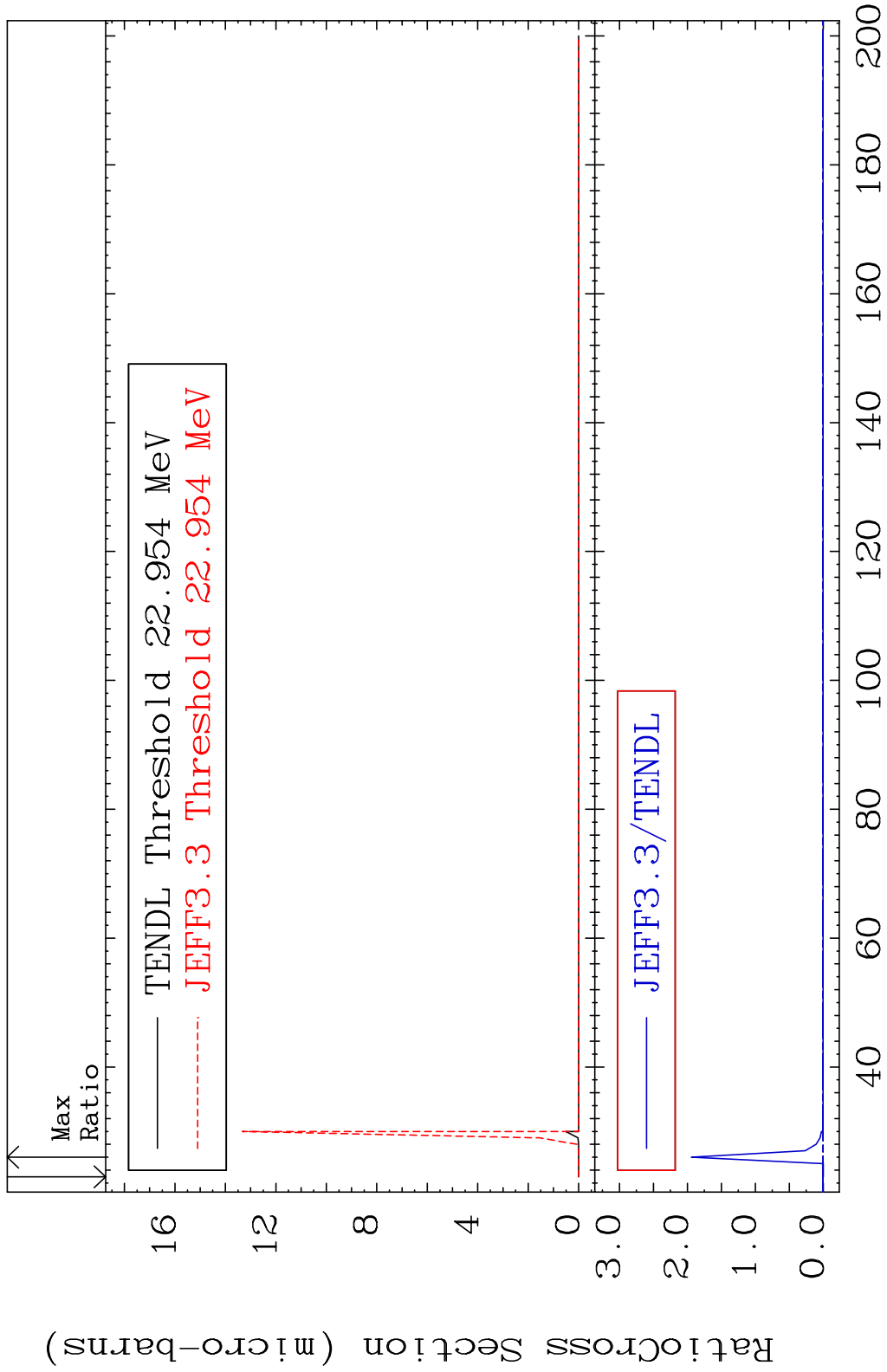
(n,2n) α

33-As-73

Cross Section -100.0 To 7128. %



MAT 3319 (n,3n) α 33-As-73
 Cross Section -100.0 To 9999. %

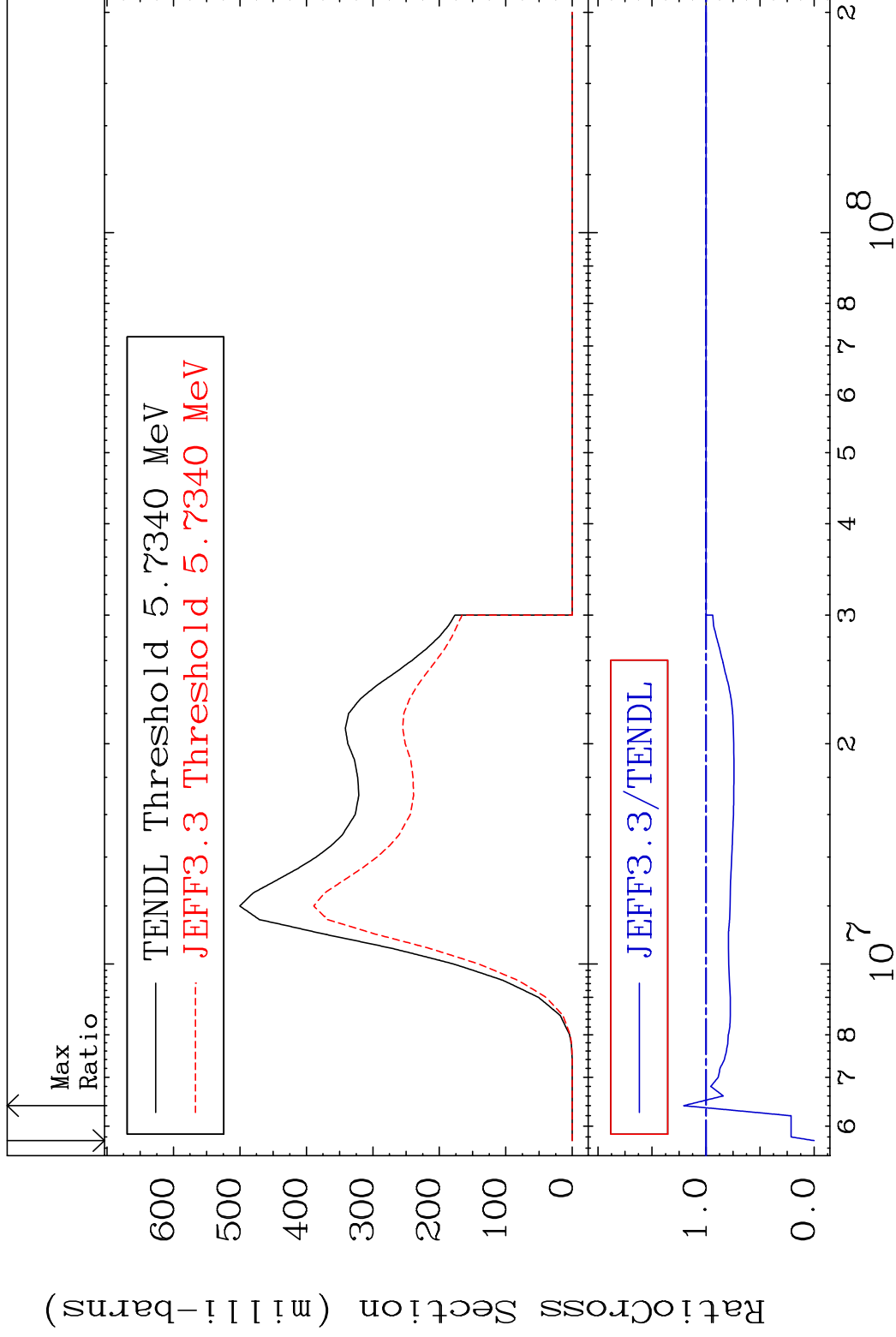


MAT 3319

(n, n') p

33-As-73

Cross Section -100.0 To 20.73 %



10

Incident Energy (eV)

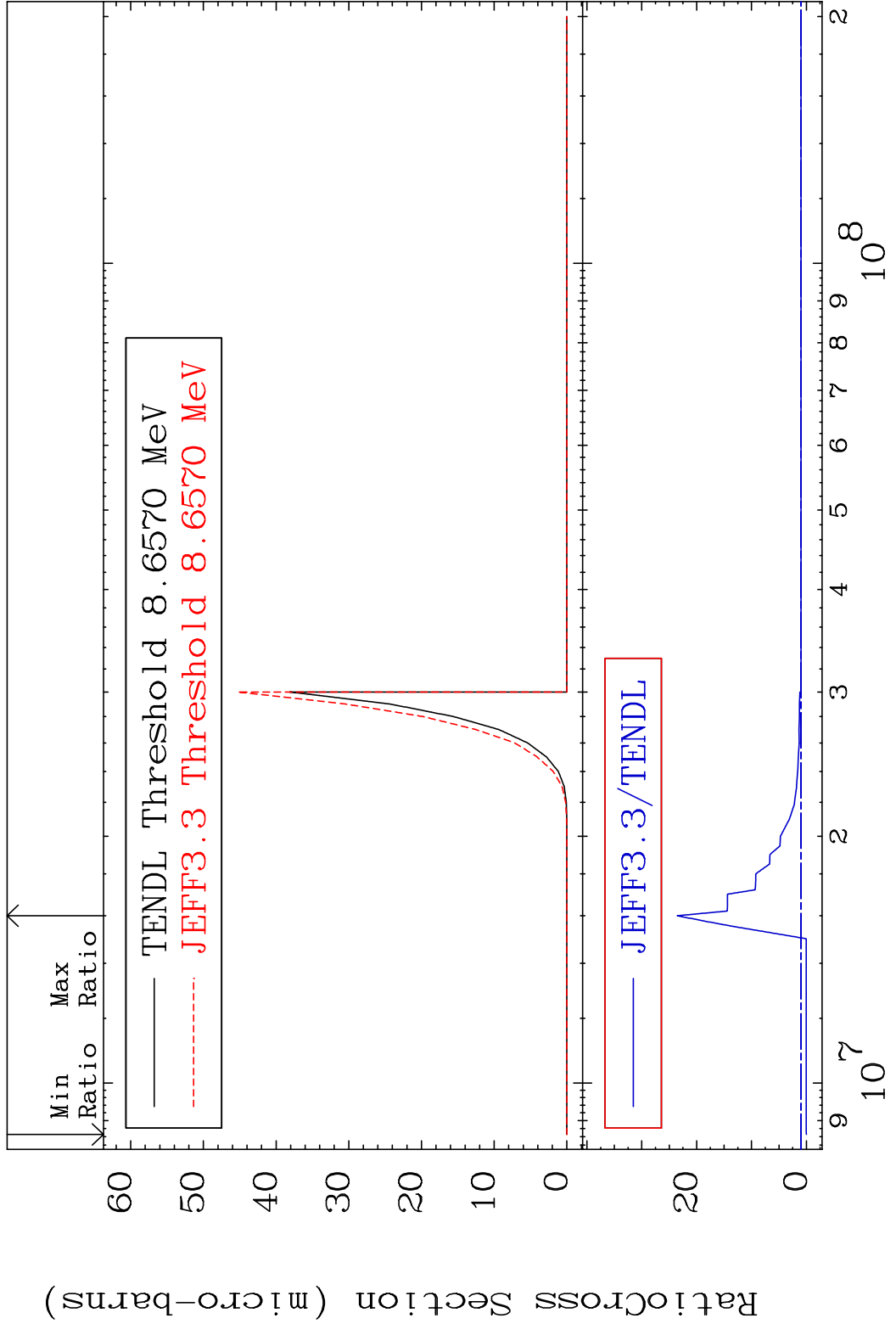
33-As-73

MAT 3319

(n, n') 2α

33-As-73

Cross Section -100.0 To 2255. %

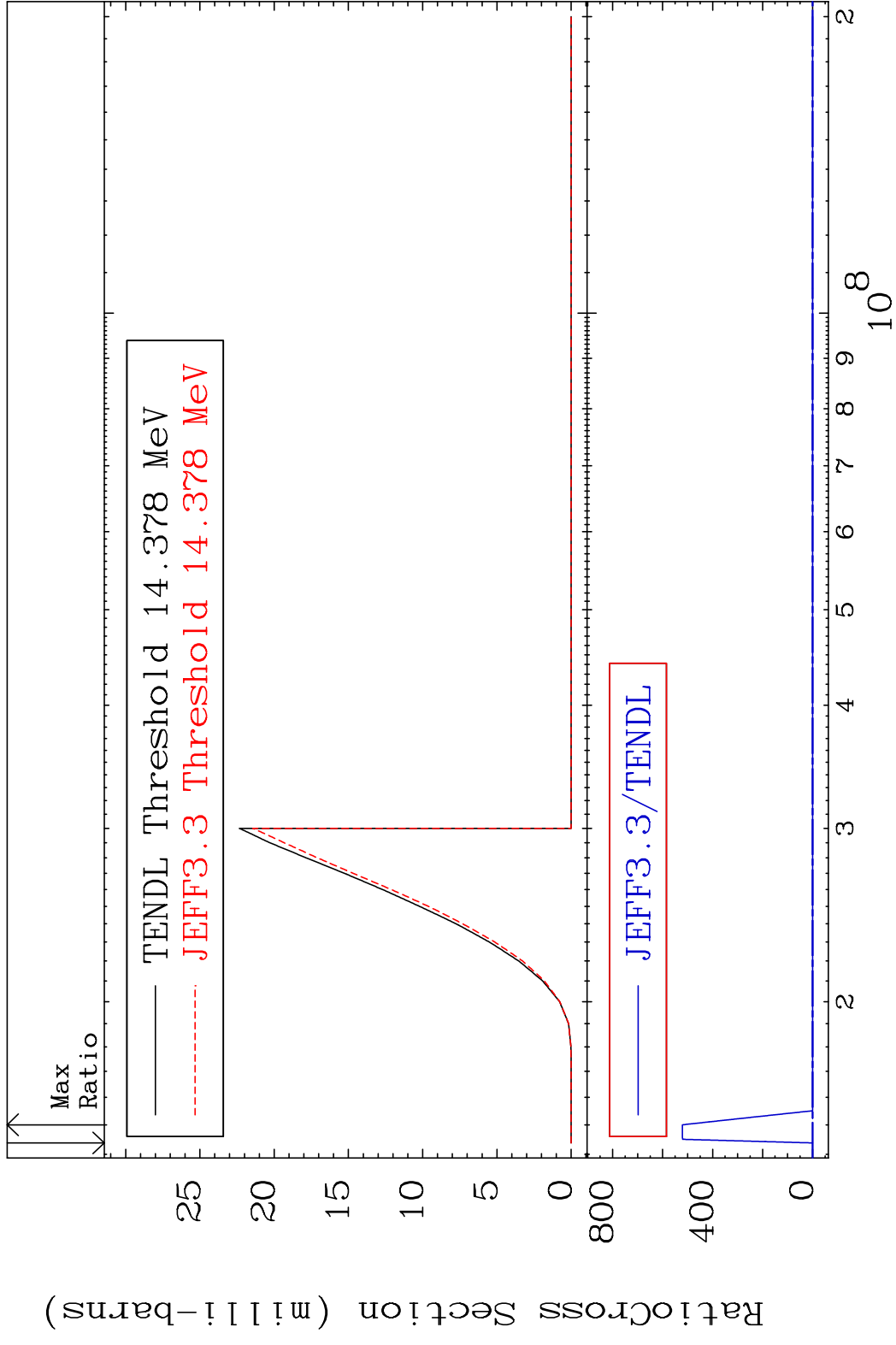


11

Incident Energy (eV)

33-As-73

MAT 3319 (n, n') d 33-As-73
 Cross Section -100.0 To 9999. %

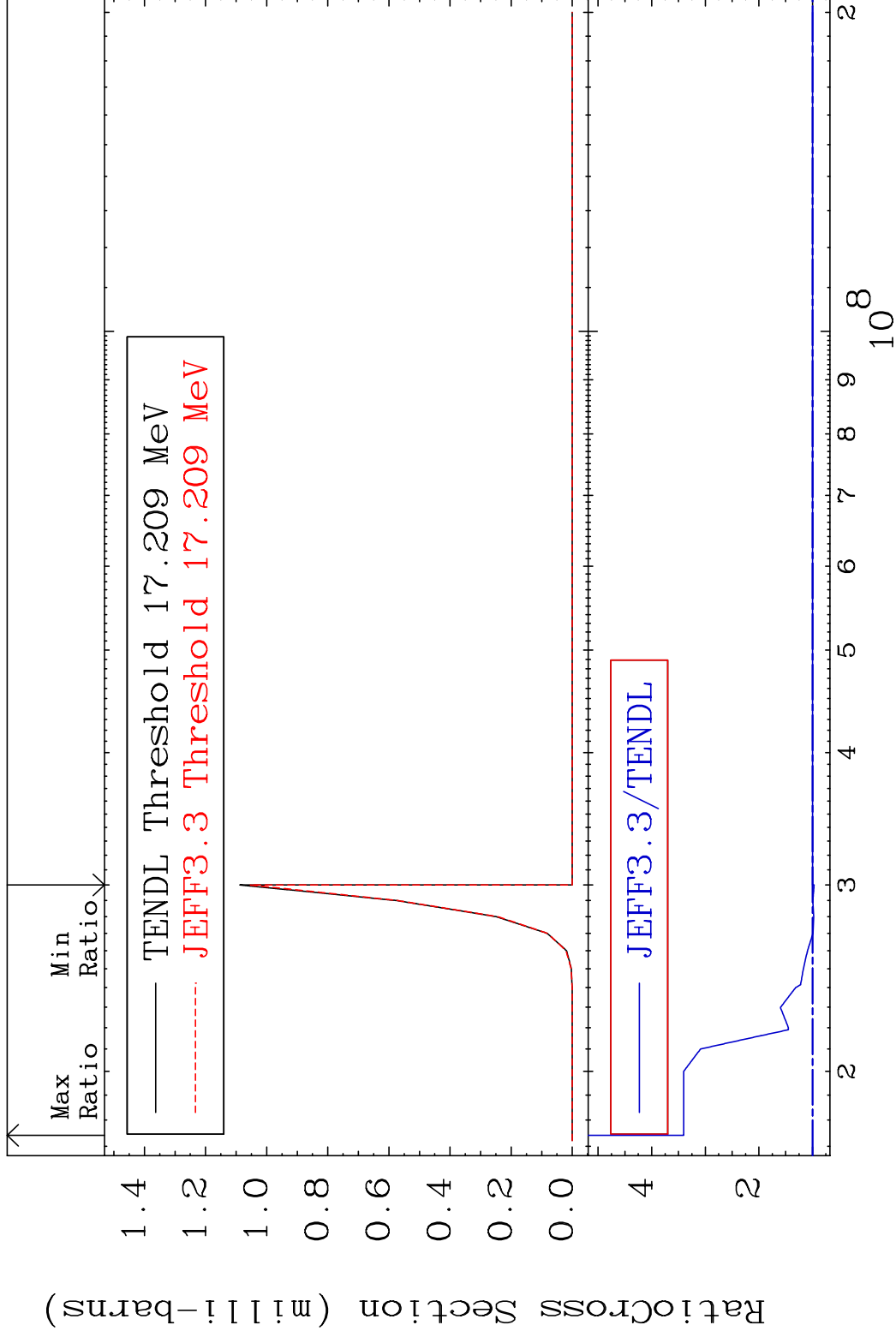


MAT 3319

(n,n') He-3

33-As-73

Cross Section -2.979 To 240.4 %

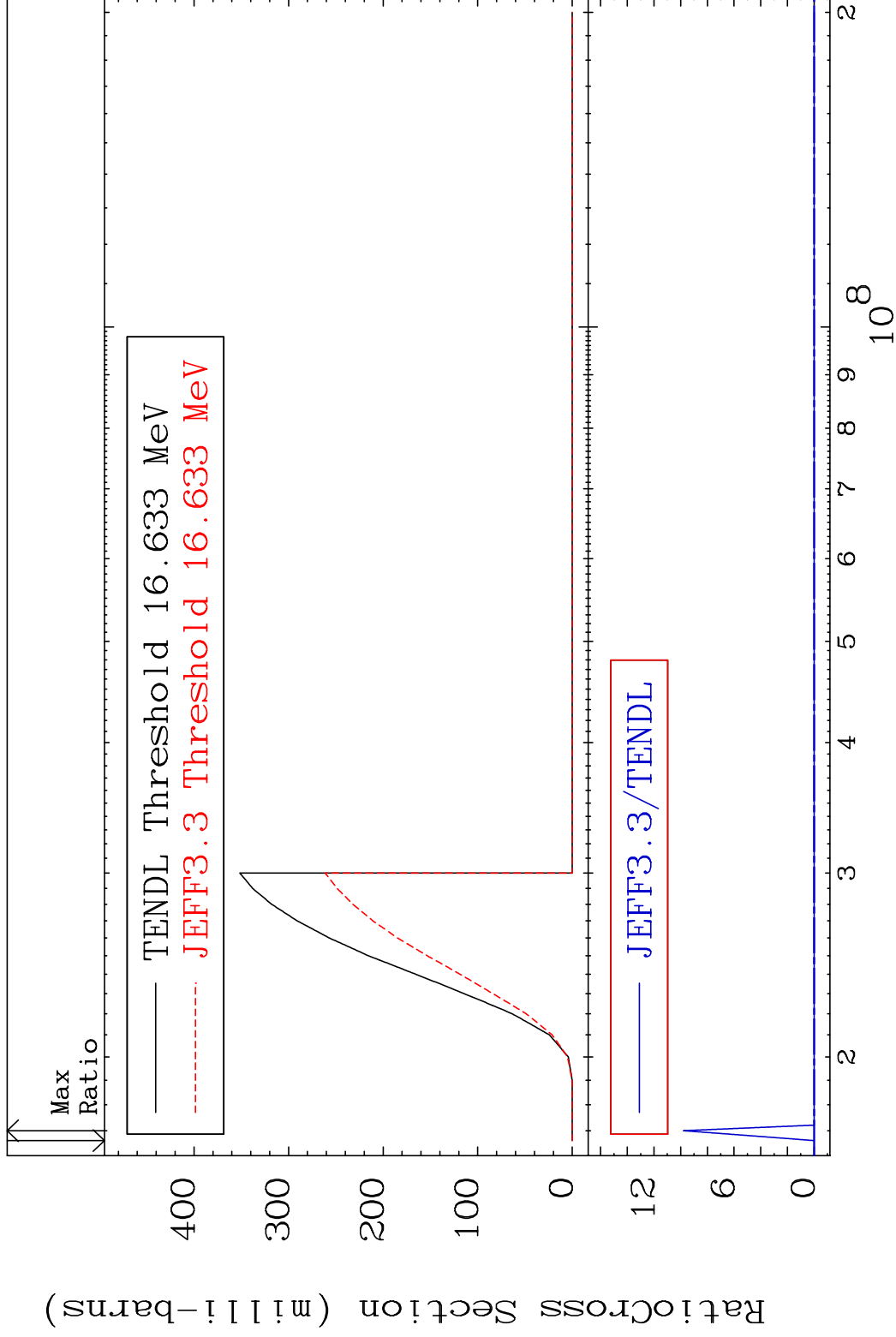


MAT 3319

(n,2n) p

33-As-73

Cross Section -100.0 To 9999. %

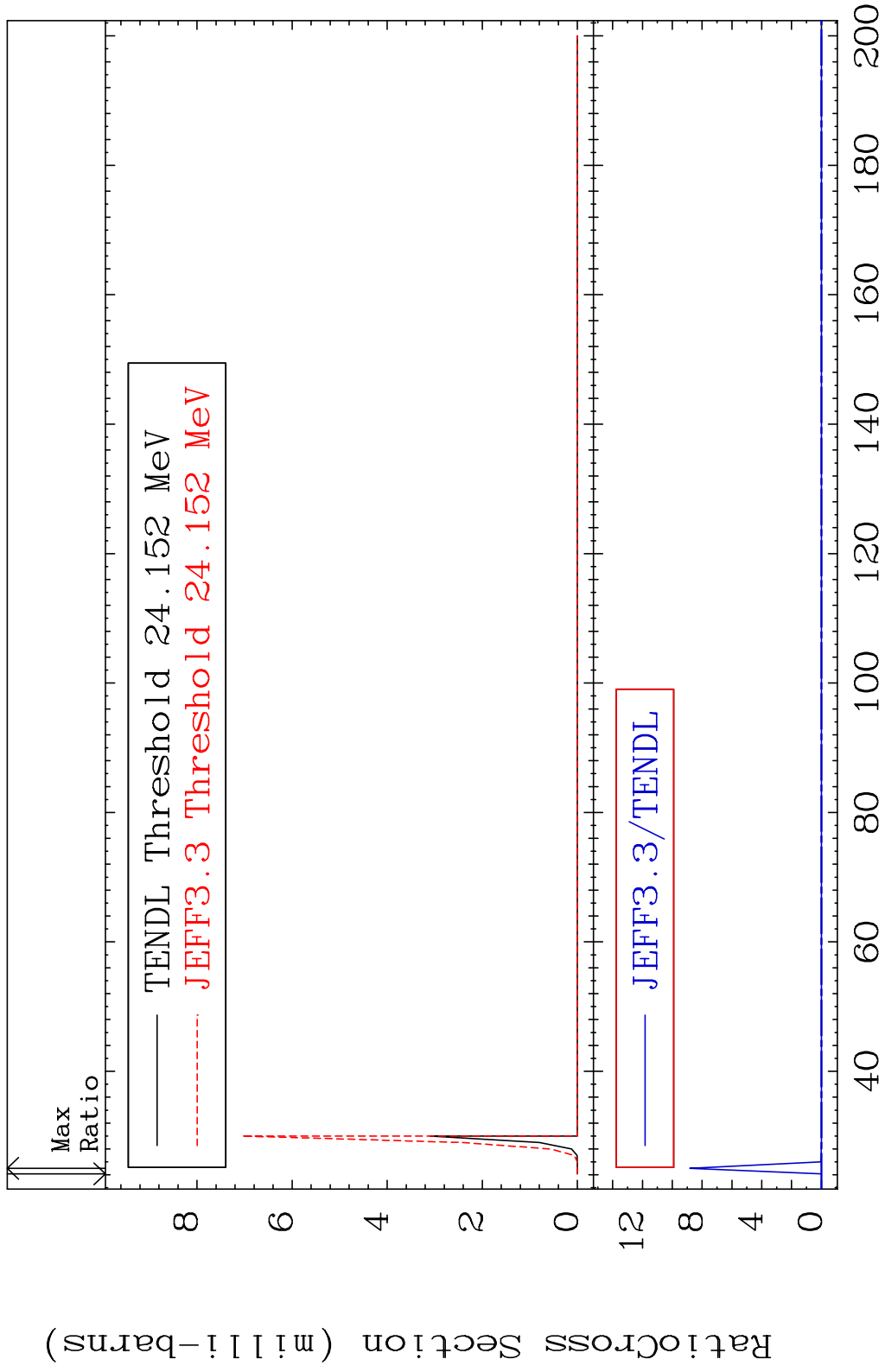


15

Incident Energy (eV)

33-As-73

MAT 3319 (n,3n) p 33-As-73
 Cross Section -100.0 To 9999. %

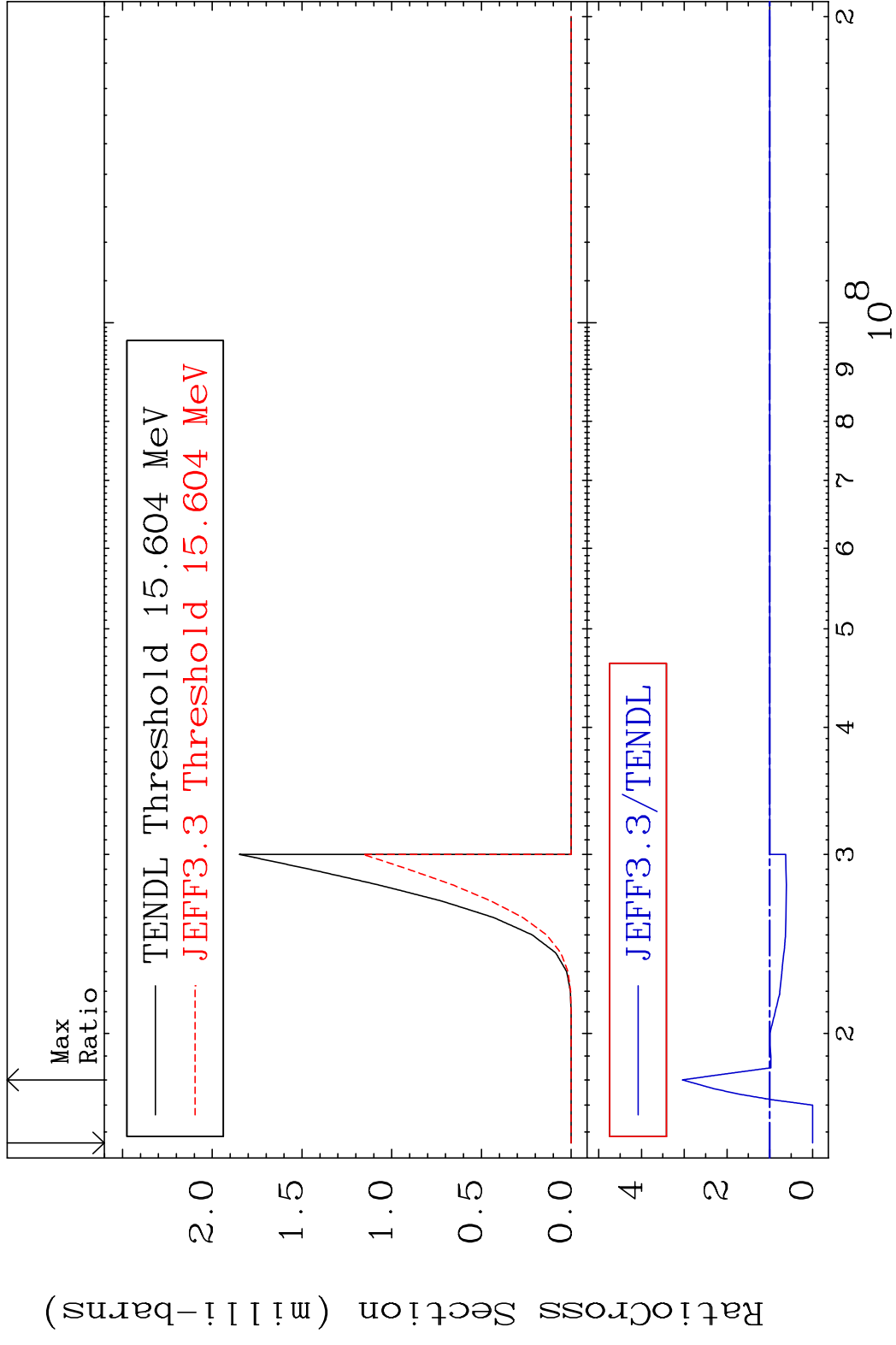


MAT 3319

(n,2n) p

33-As-73

Cross Section -100.0 To 204.4 %

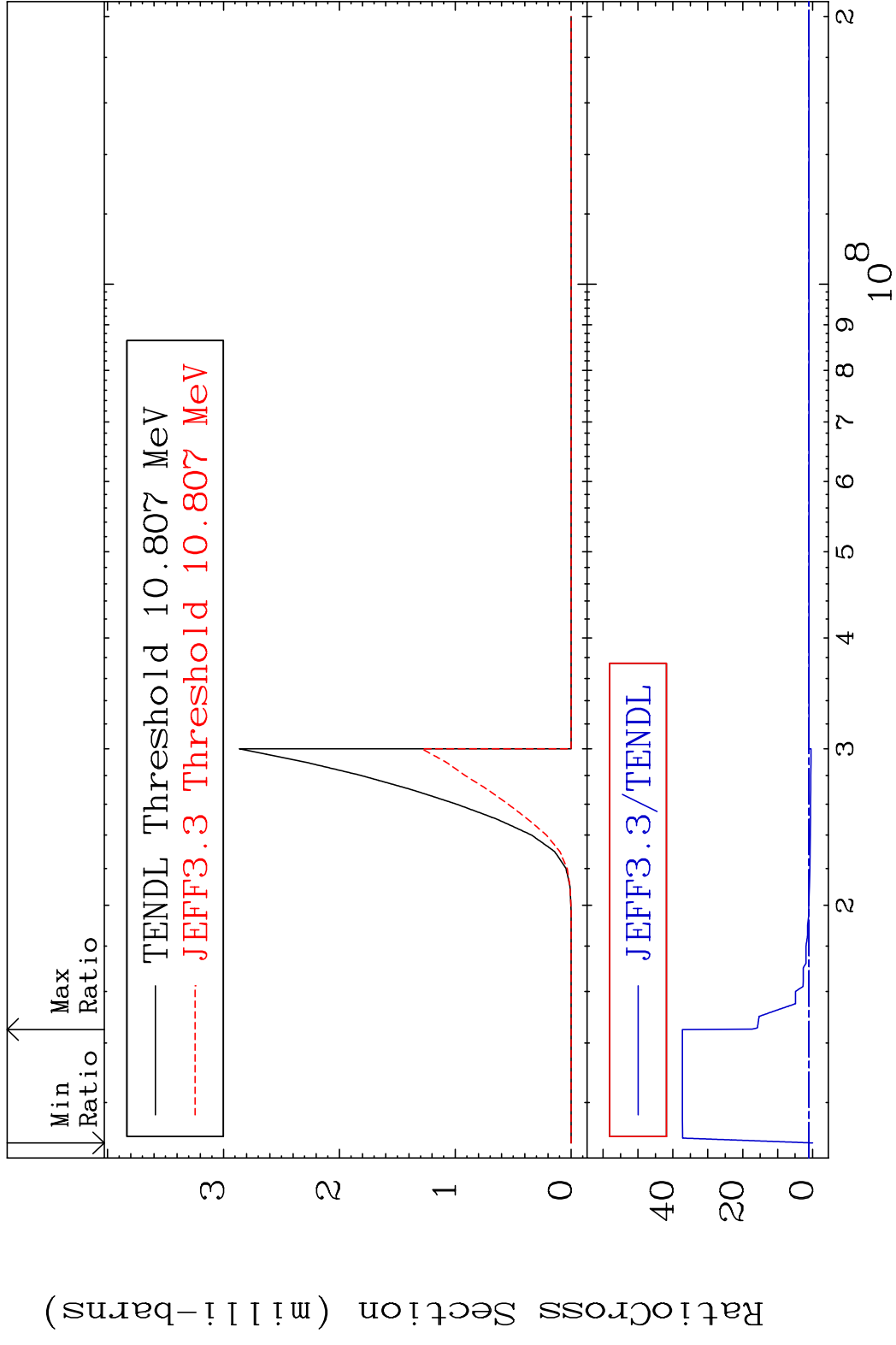


MAT 3319

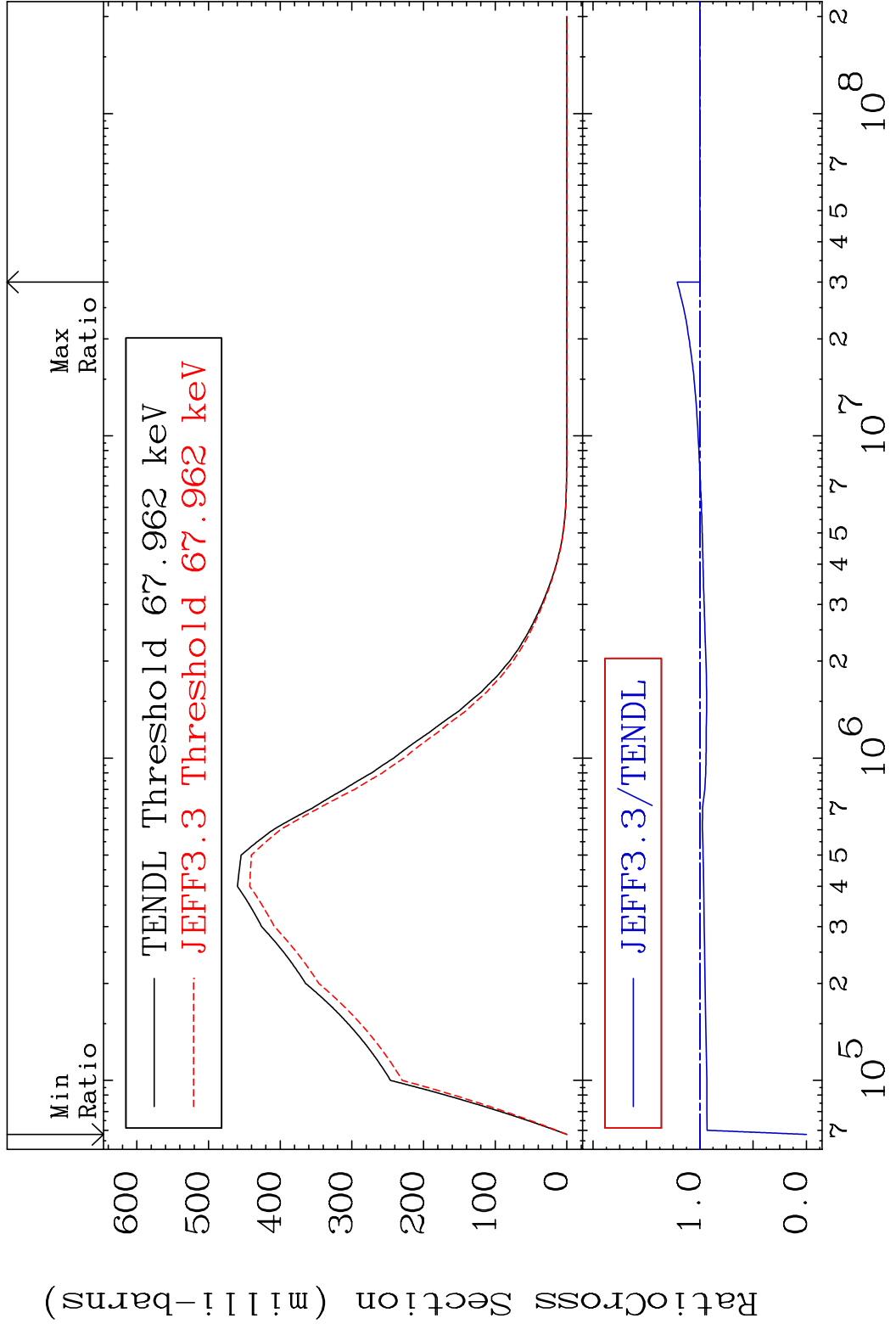
(n,n') p α

33-AS-73

Cross Section -100.0 To 3629. %

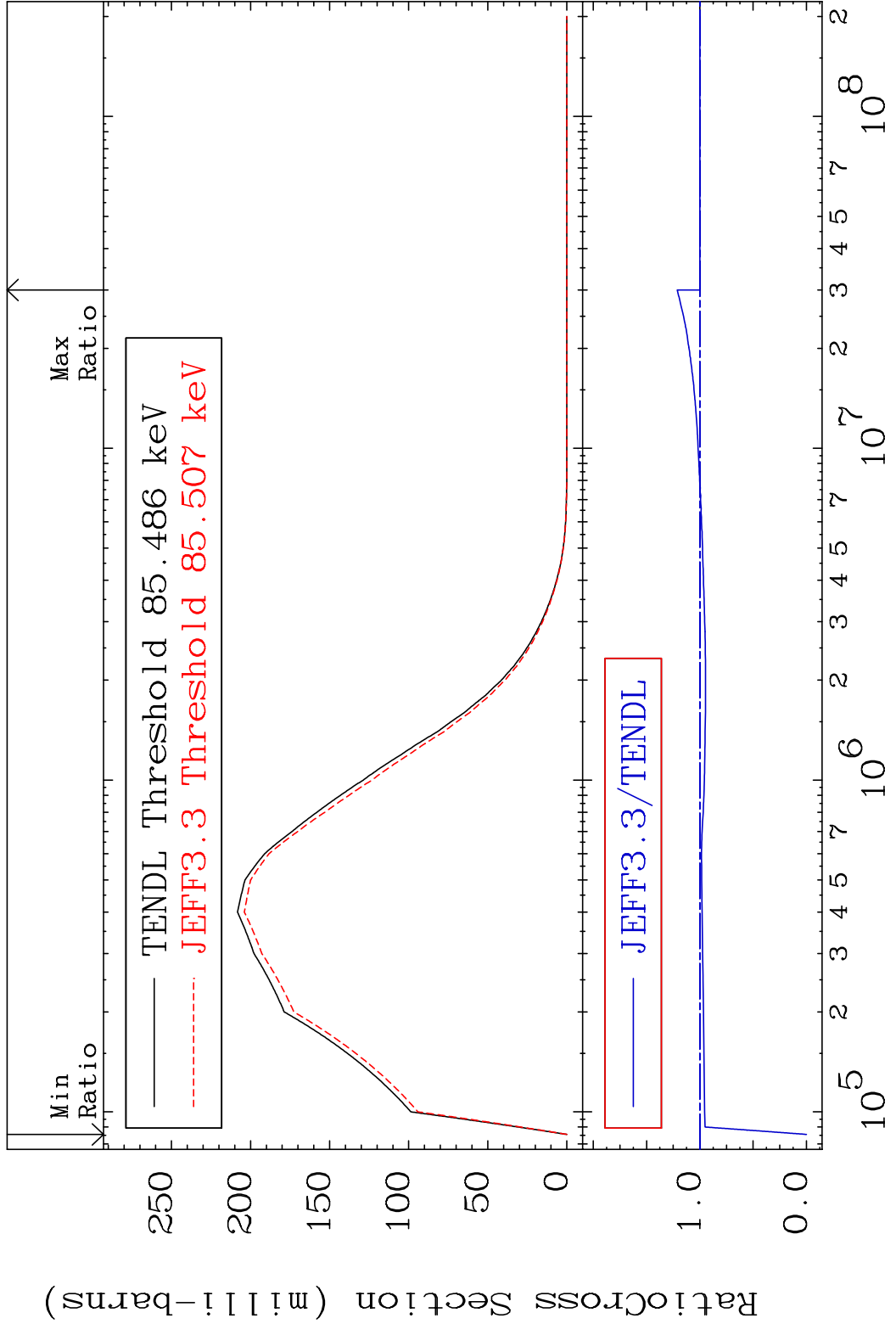


MAT 3319 MT= 51 (n, n') Level 33-As-73
 Cross Section -100.0 To 21.16 %



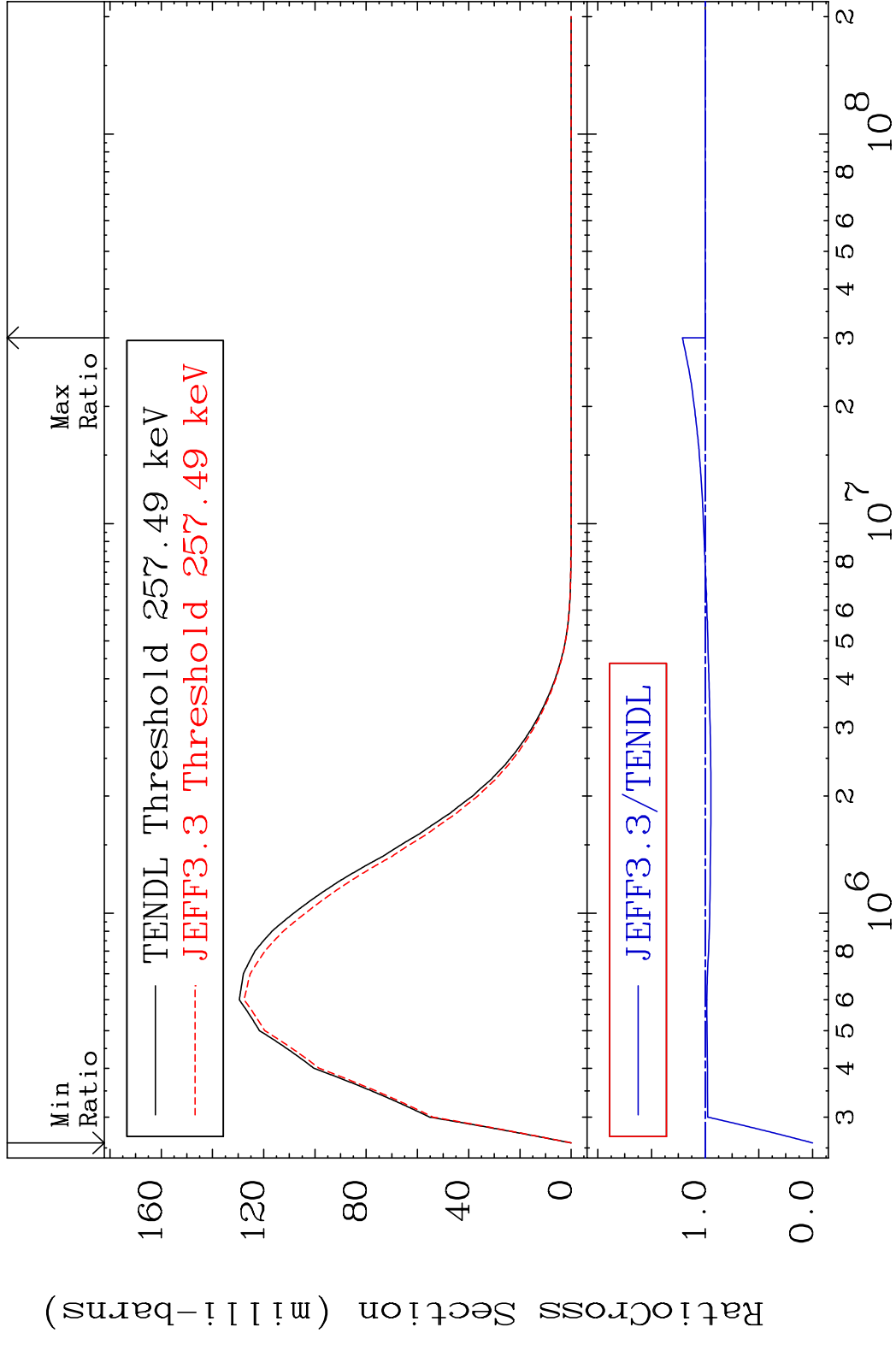
19 Incident Energy (eV) 33-As-73

MAT 3319 MT= 52 (n, n') Level 33-As-73
 Cross Section -100.0 To 21.28 %

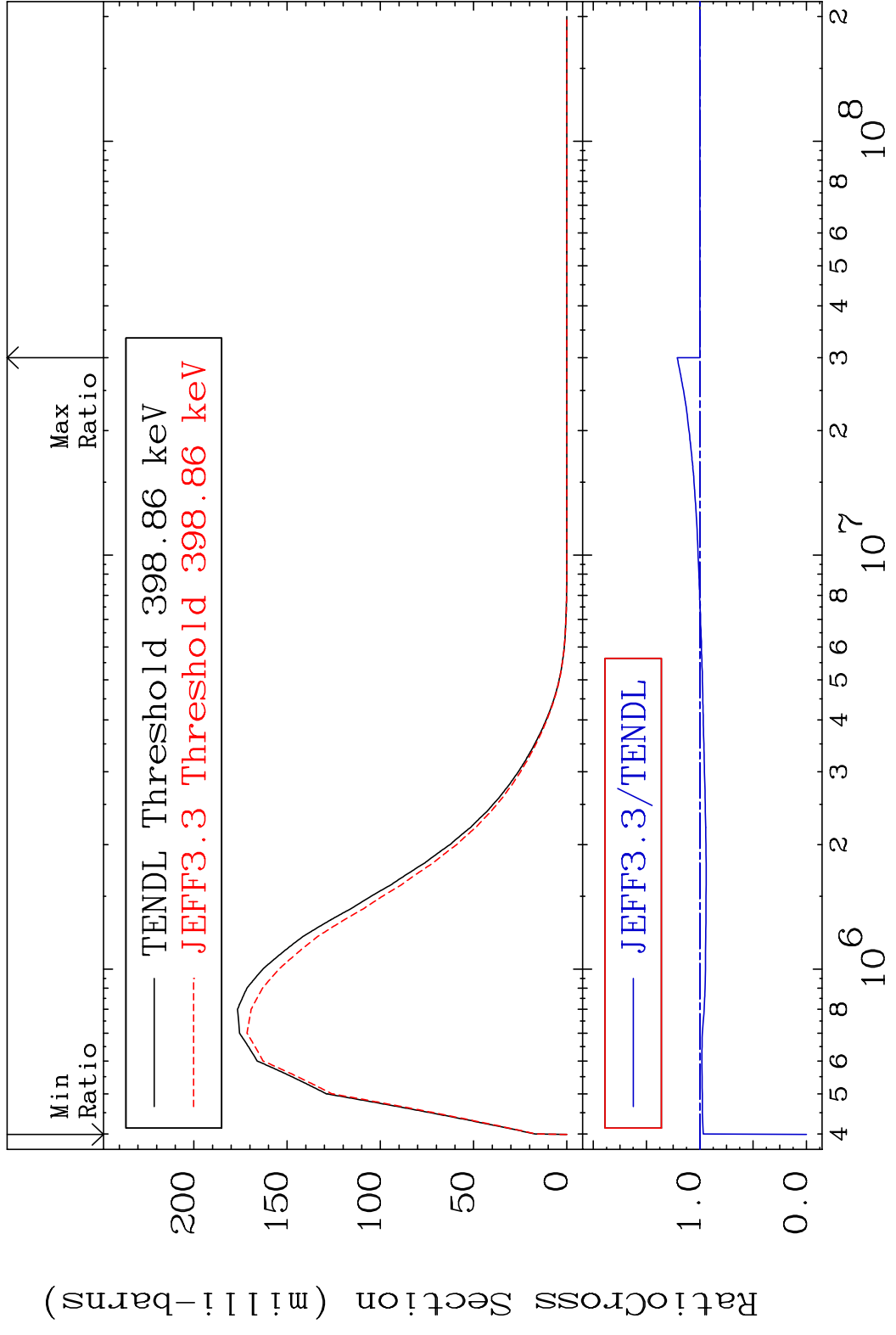


20 Incident Energy (eV) 33-As-73

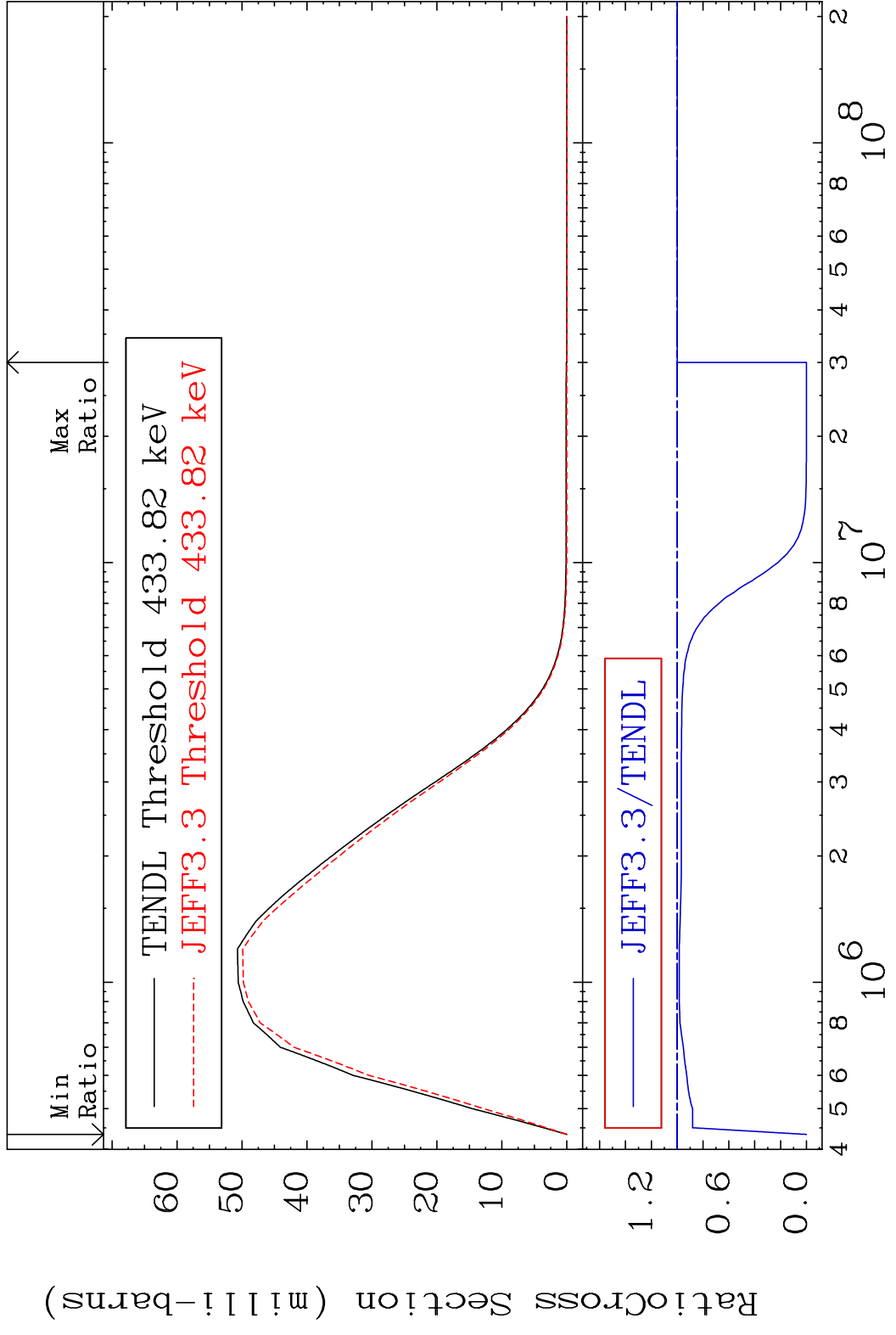
MAT 3319 MT= 53 (n, n') Level 33-As-73
 Cross Section -100.0 To 21.28 %



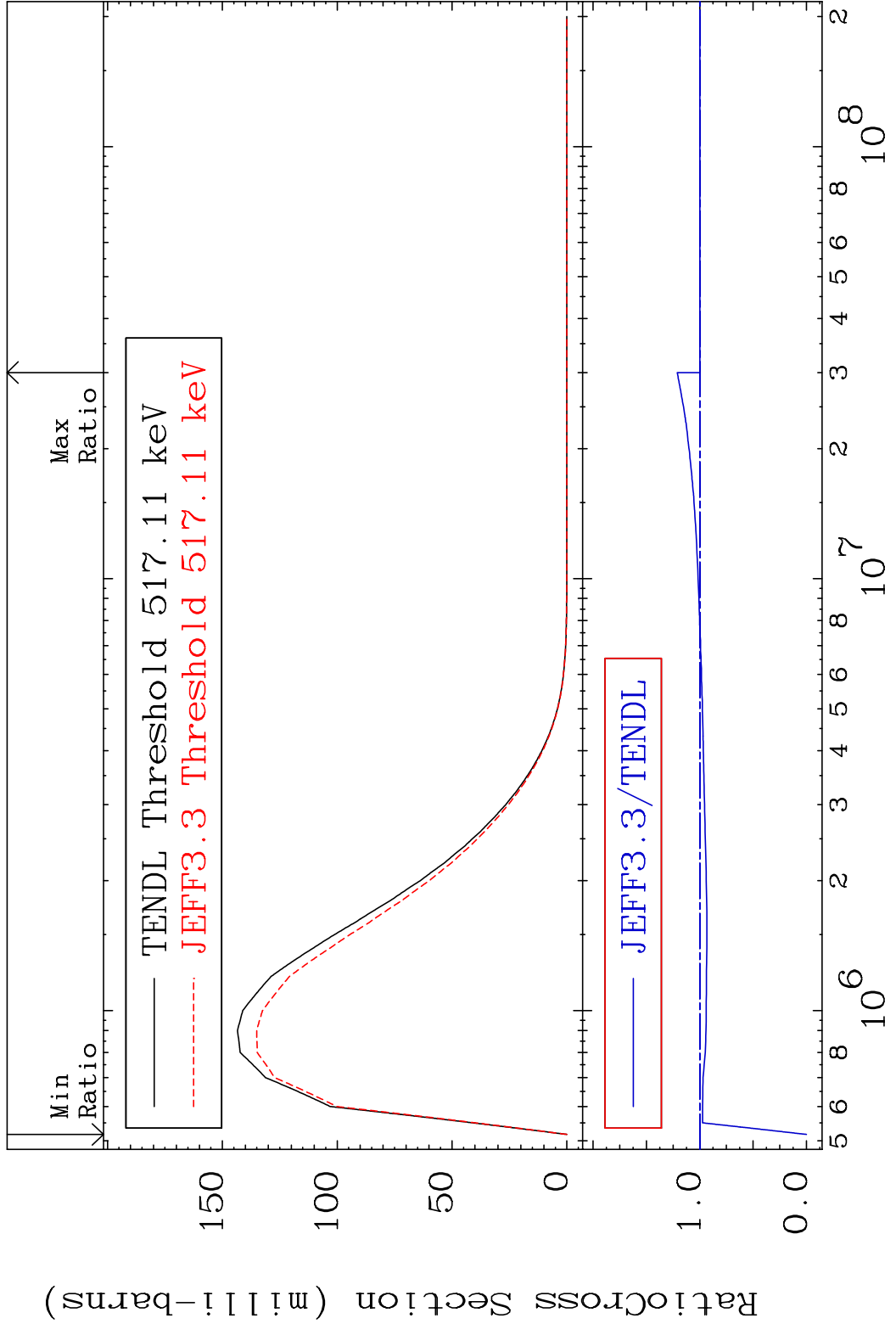
MAT 3319 MT= 54 (n, n') Level 33-As-73
 Cross Section -100.0 To 21.23 %



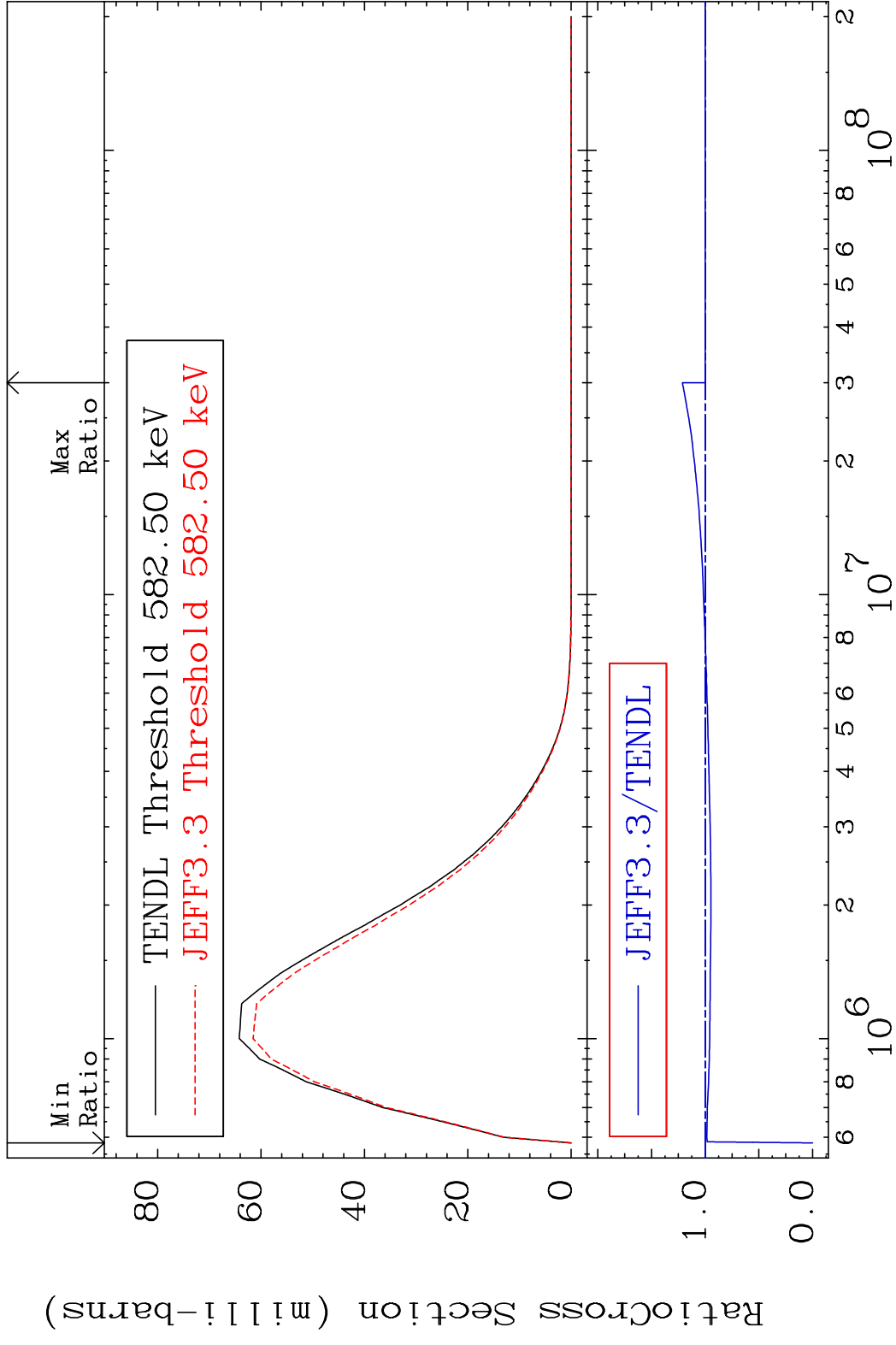
MAT 3319 MT= 55 (n, n') Level 33-As-73
 Cross Section -100.0 To 0.000 %



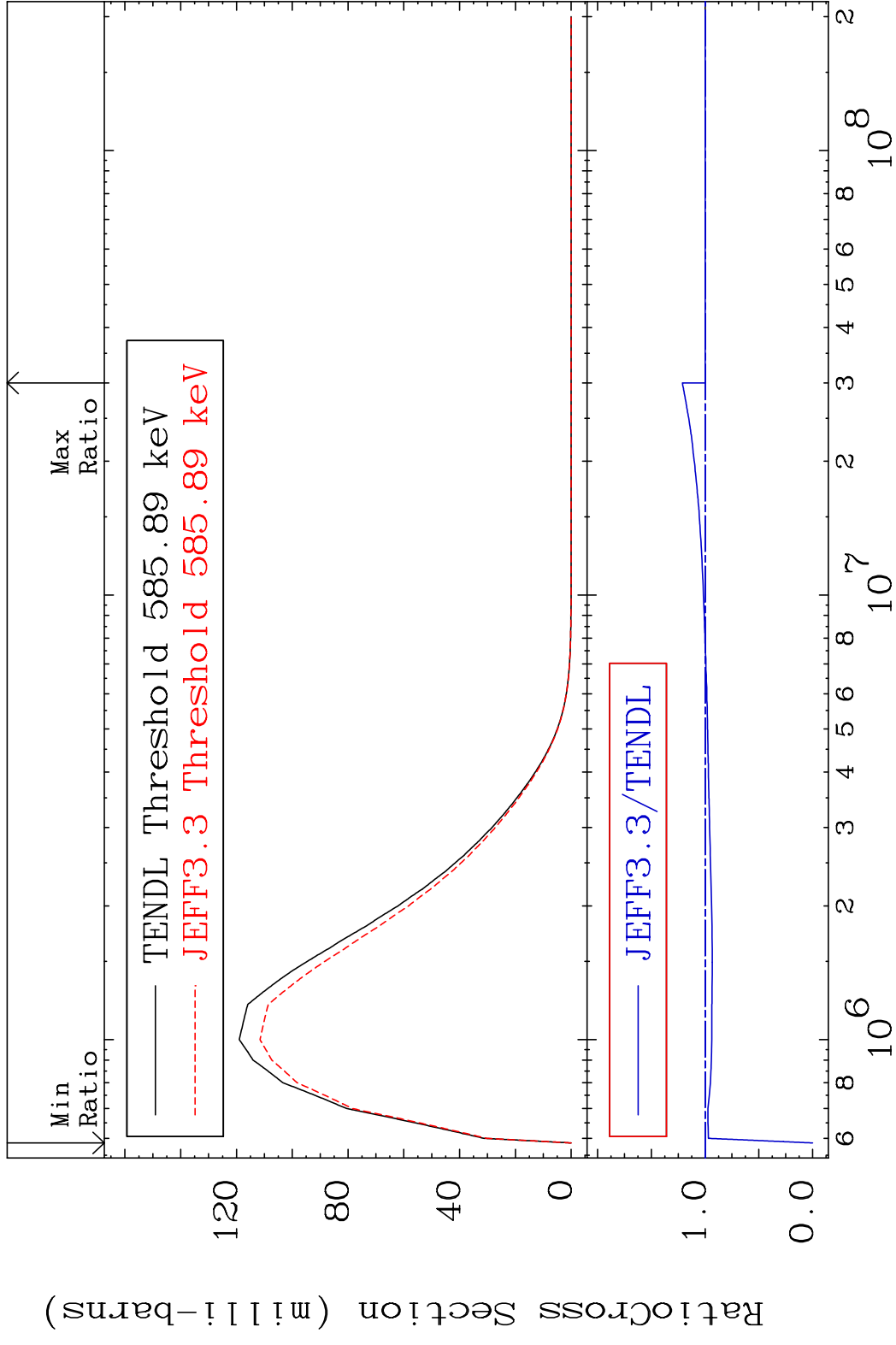
MAT 3319 MT= 56 (n, n') Level 33-As-73
 Cross Section -100.0 To 21.17 %



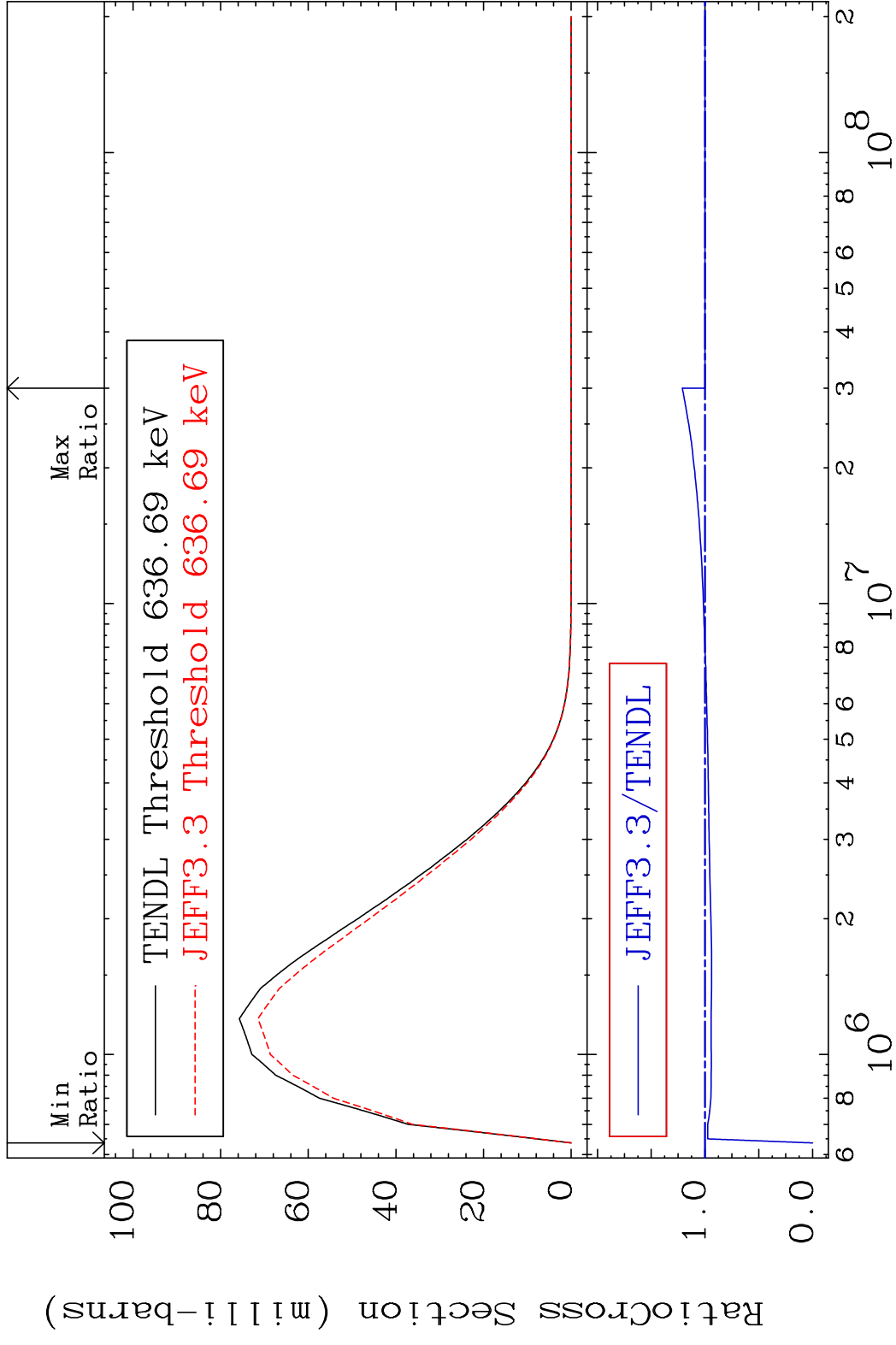
MAT 3319 MT= 57 (n, n') Level 33-As-73
 Cross Section -100.0 To 21.29 %



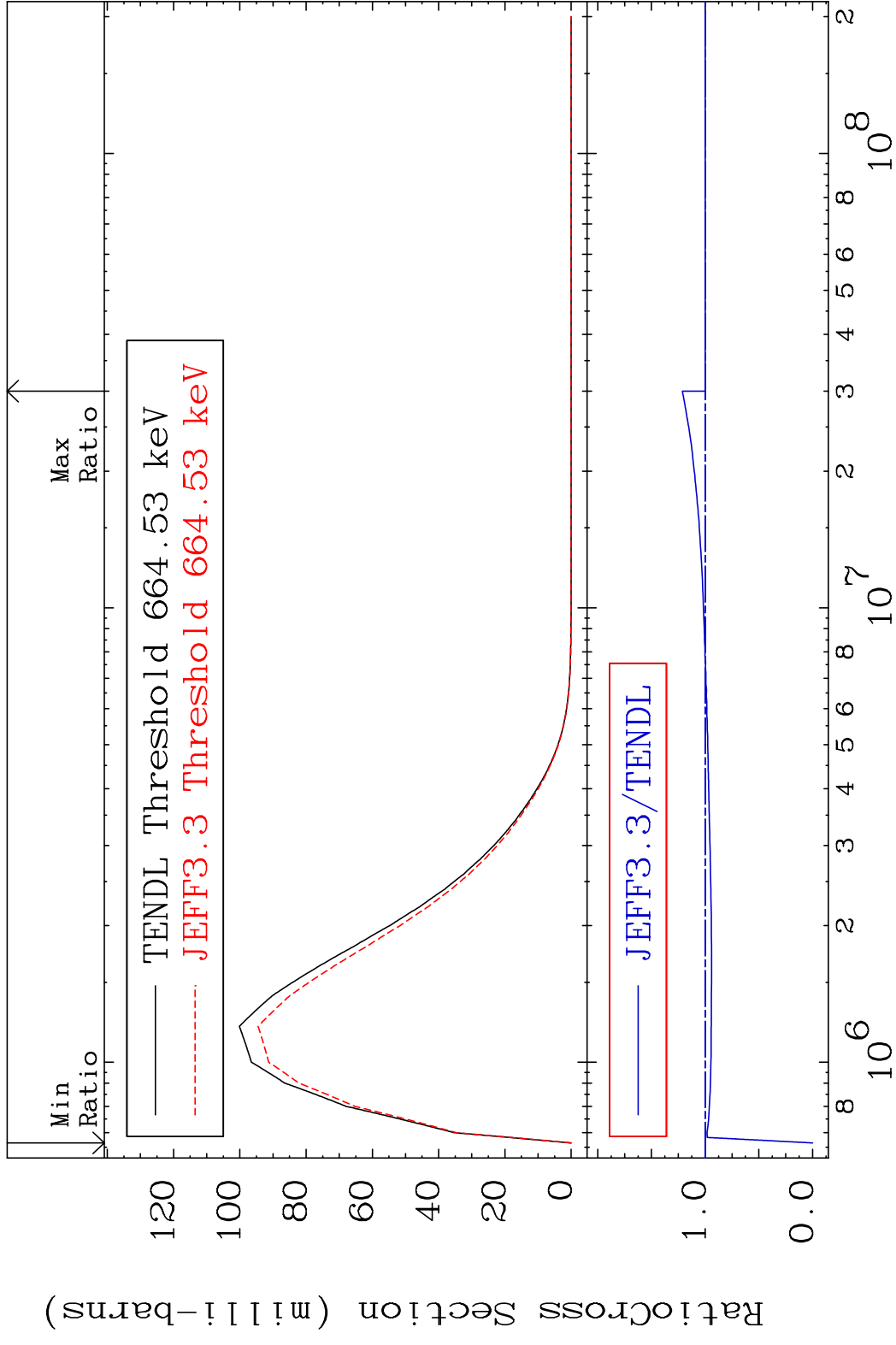
MAT 3319 MT= 58 (n, n') Level 33-As-73
 Cross Section -100.0 To 21.17 %



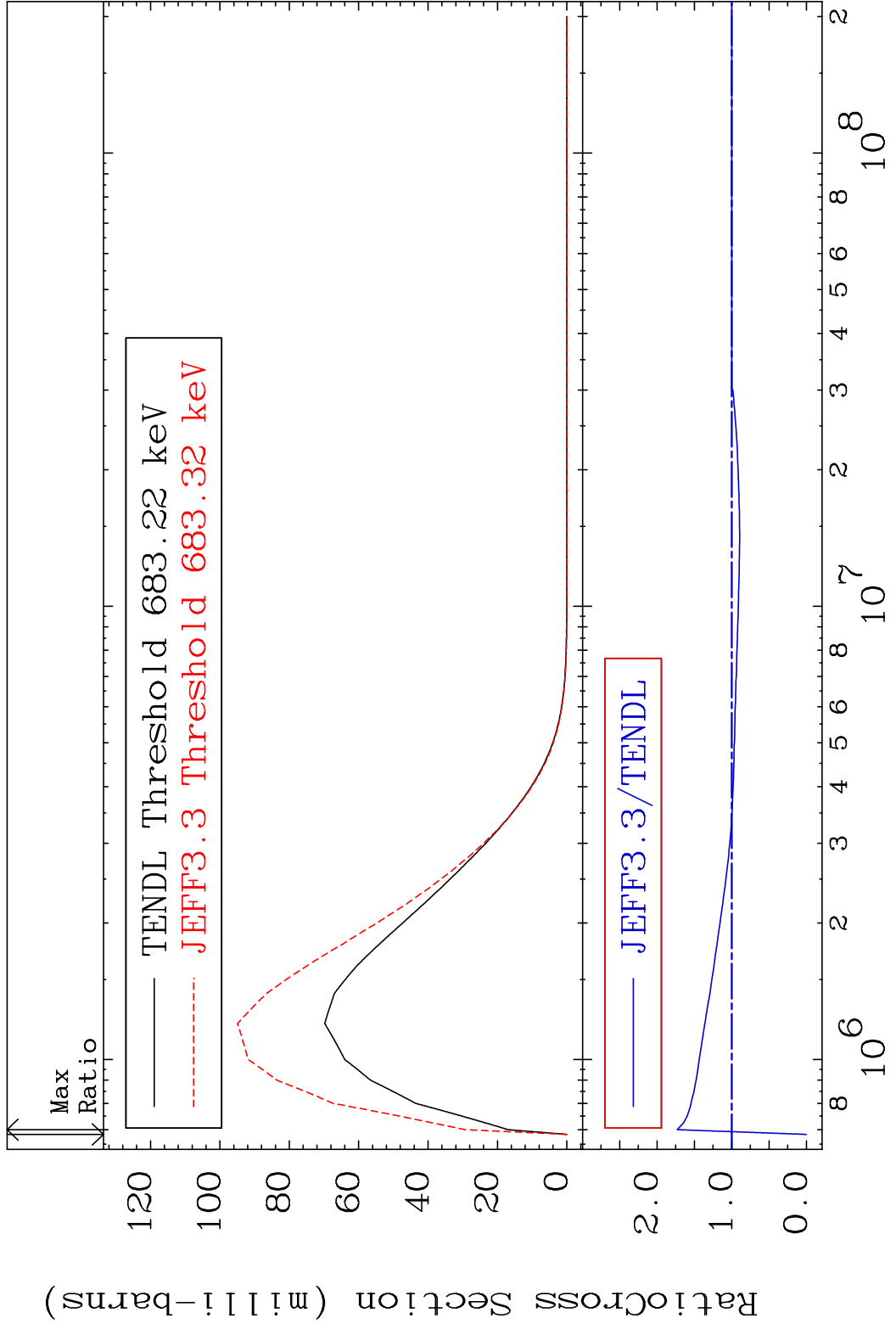
MAT 3319 MT= 59 (n, n') Level 33-As-73
 Cross Section -100.0 To 21.08 %



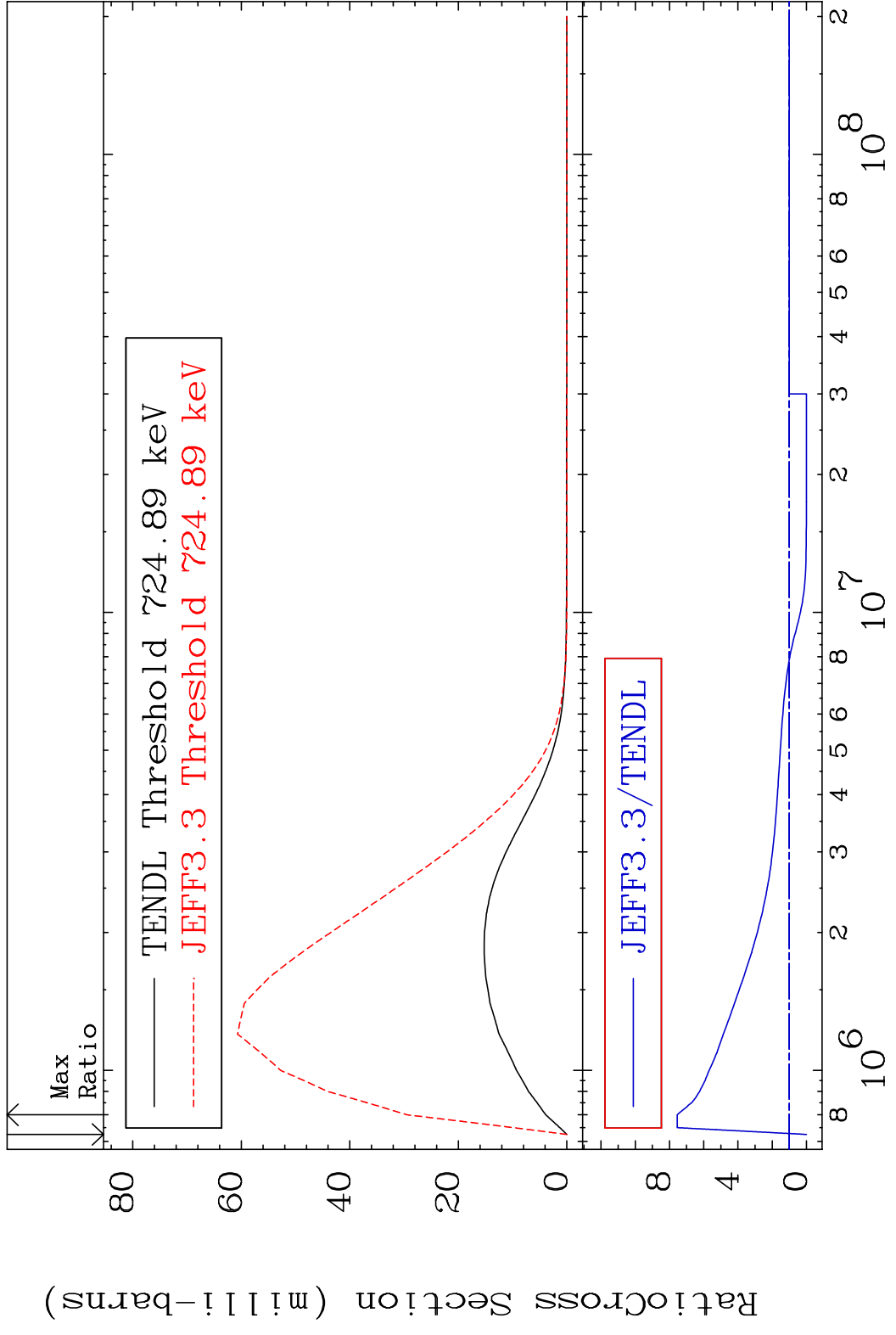
MAT 3319 MT= 60 (n, n') Level 33-As-73
 Cross Section -100.0 To 21.24 %



MAT 3319 MT= 61 (n,n') Level 33-As-73
 Cross Section -100.0 To 73.03 %

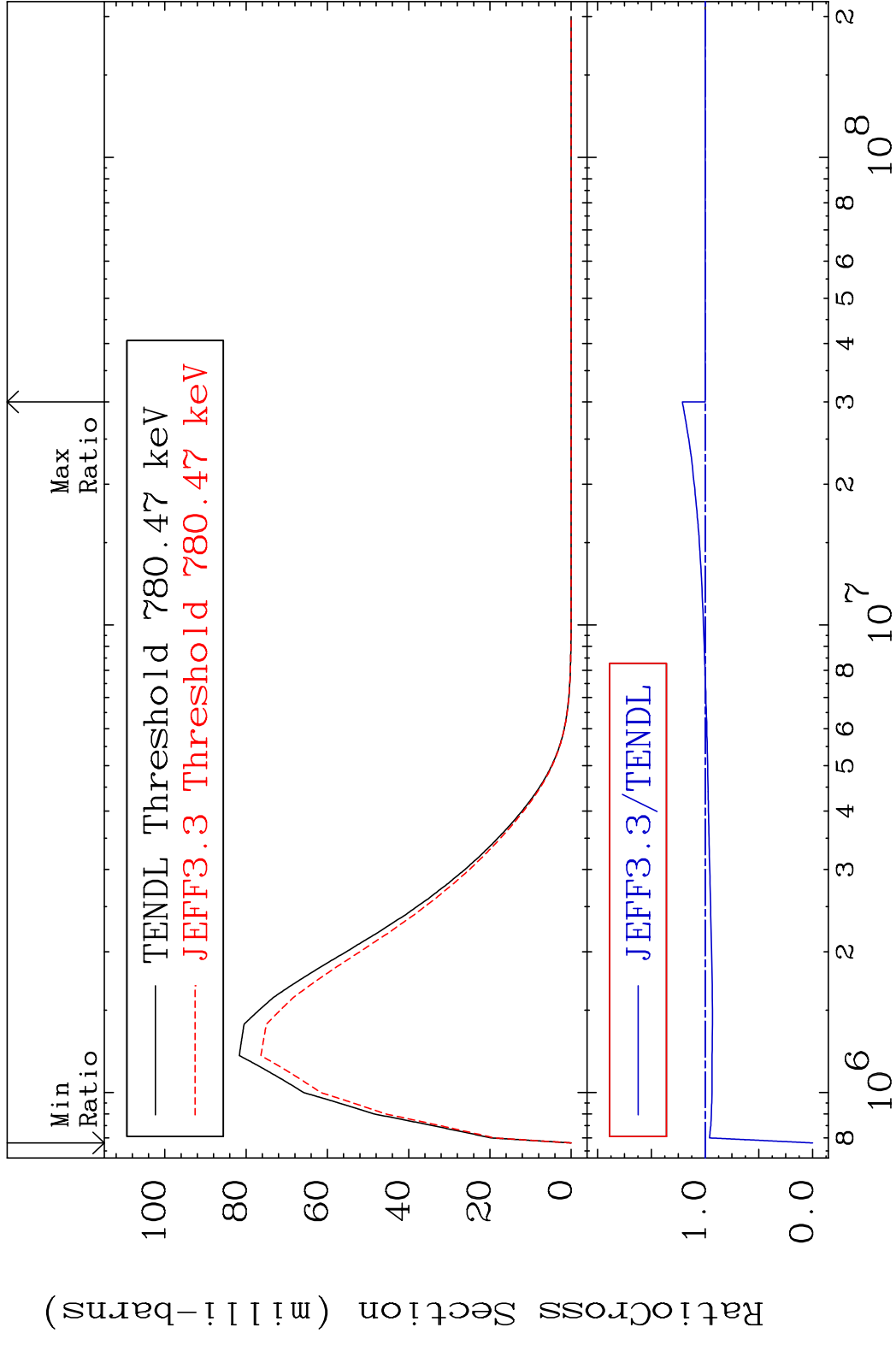


MAT 3319 MT= 62 (n, n') Level 33-As-73
 Cross Section -100.0 To 655.0 %

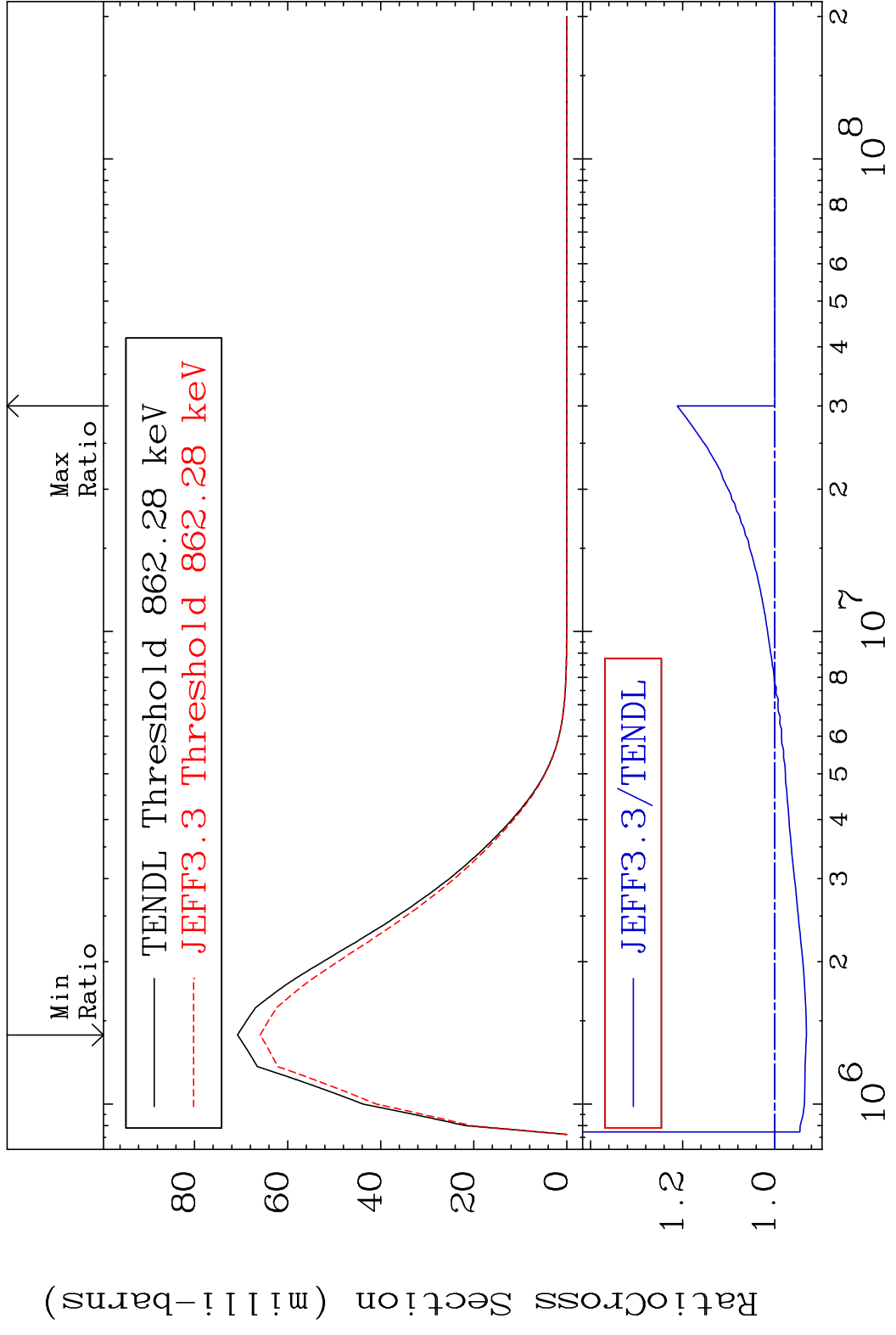


30 Incident Energy (eV) 33-As-73

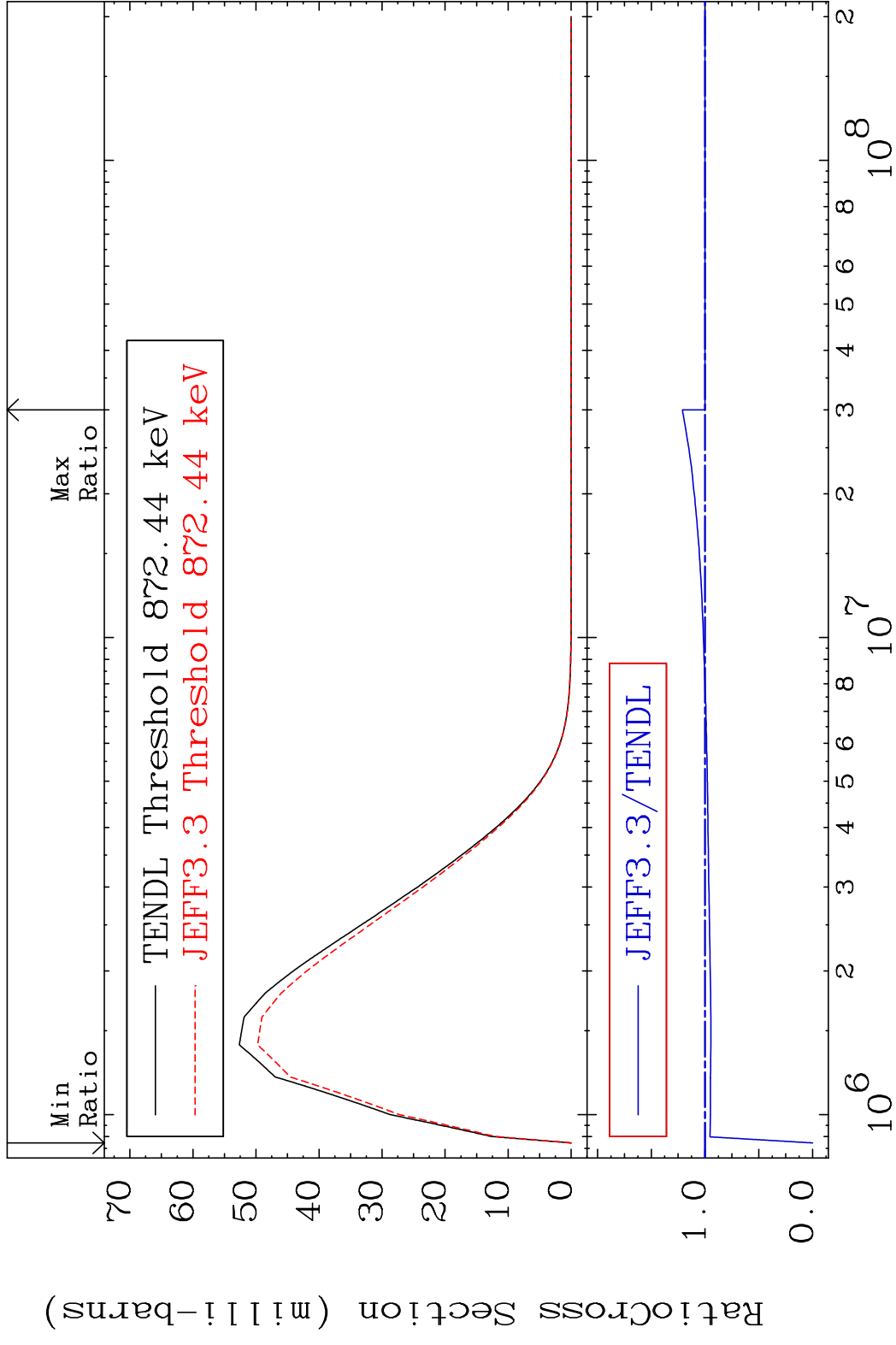
MAT 3319 MT= 63 (n,n') Level 33-As-73
 Cross Section -100.0 To 21.18 %



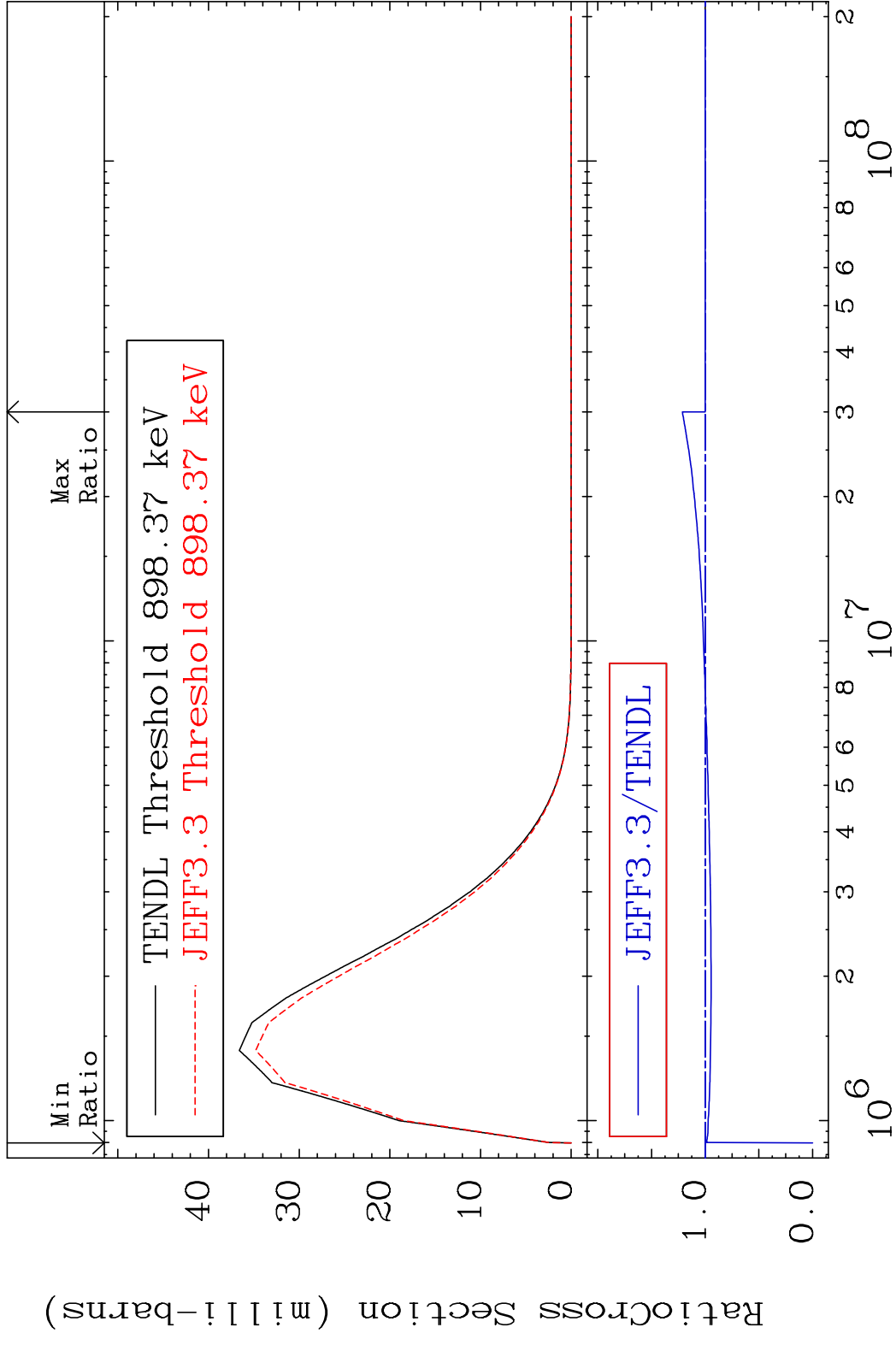
MAT 3319 MT= 64 (n,n') Level 33-As-73
 Cross Section -6.894 To 21.18 %



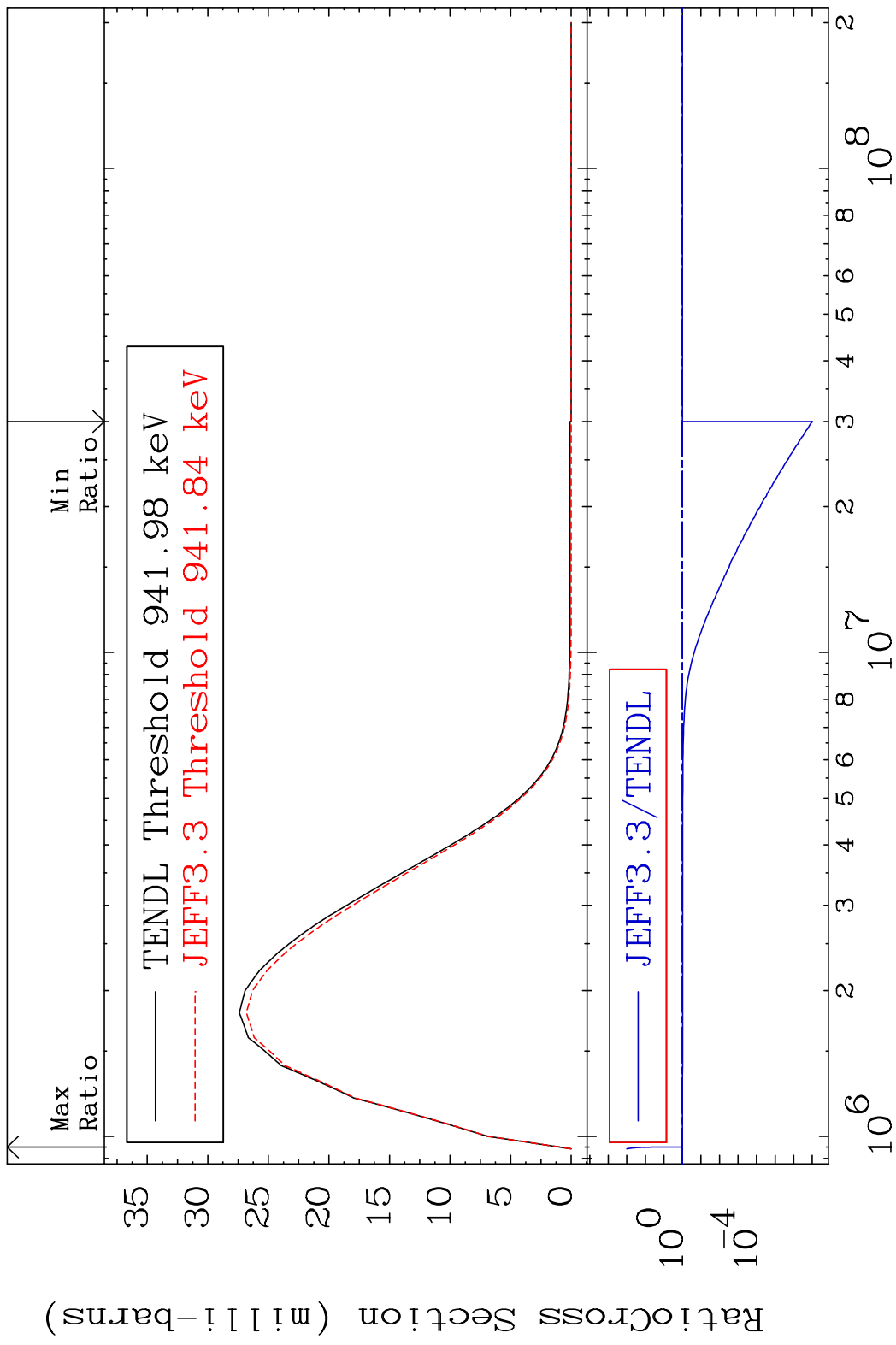
MAT 3319 MT= 65 (n, n') Level 33-As-73
 Cross Section -100.0 To 21.08 %



MAT 3319 MT= 66 (n, n') Level 33-As-73
 Cross Section -100.0 To 21.30 %

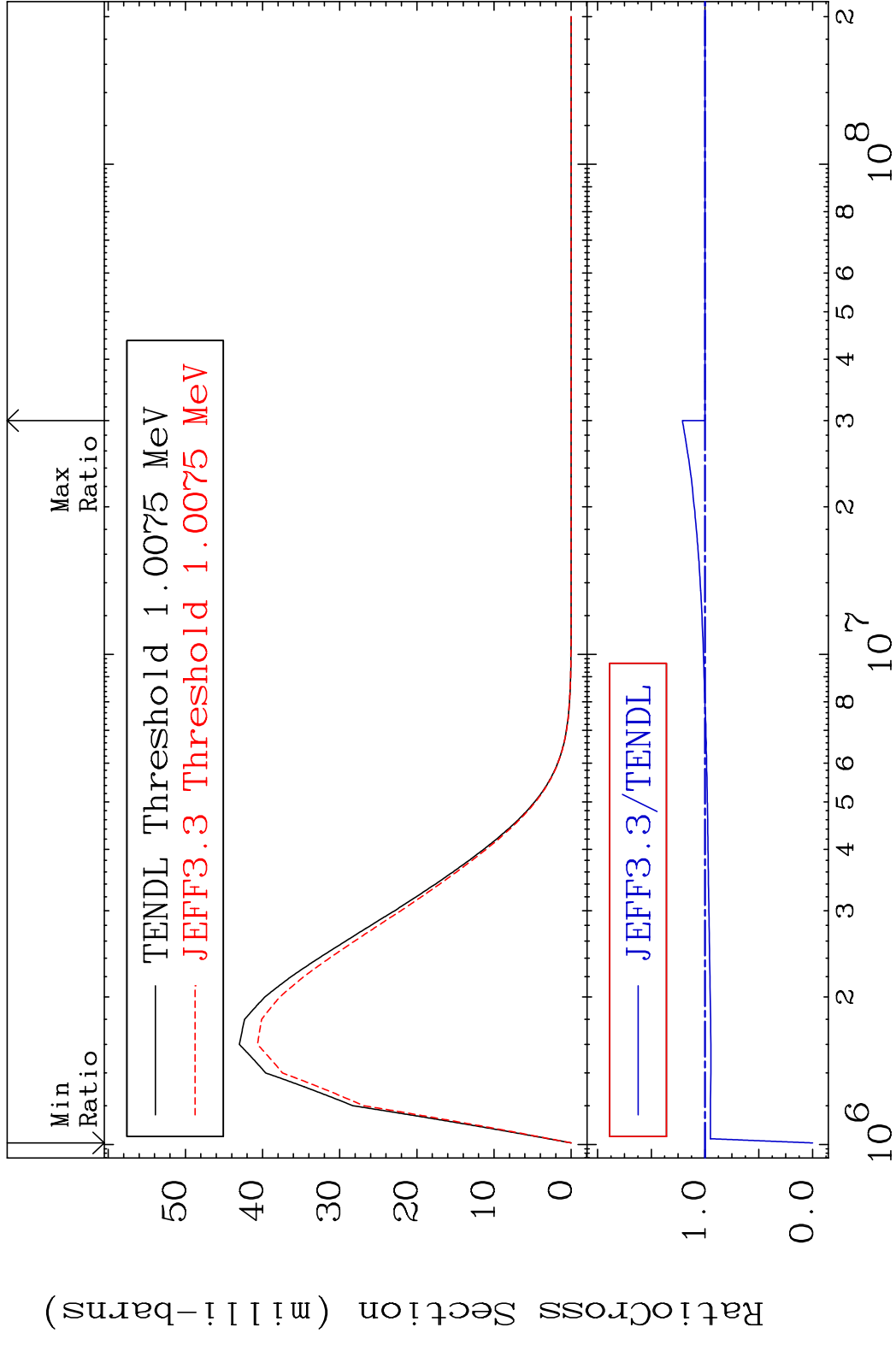


MAT 3319 MT= 67 (n, n') Level 33-As-73
 Cross Section -100.0 To 0.857 %



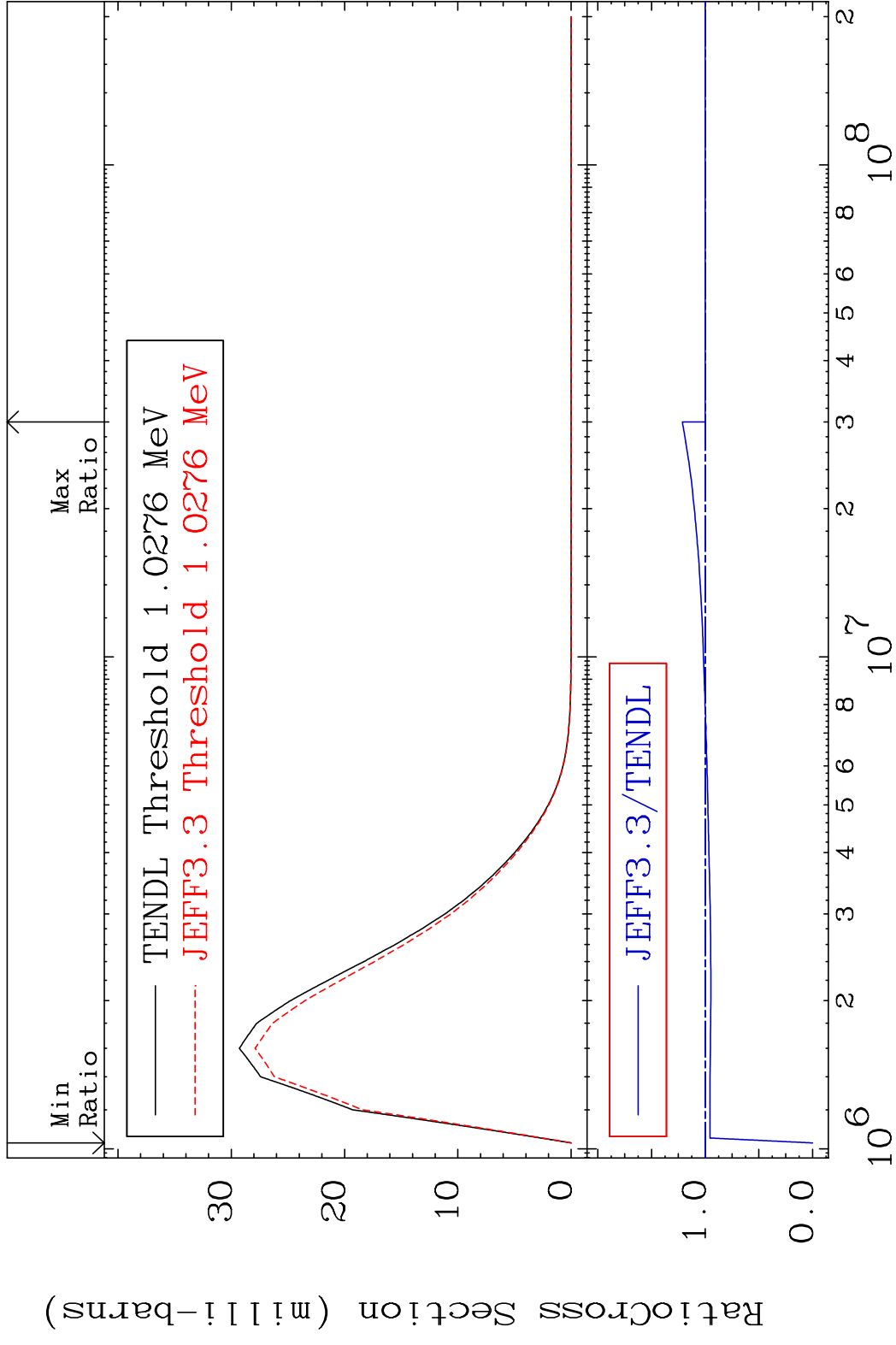
35 33-As-73

MAT 3319 MT= 68 (n, n') Level 33-As-73
 Cross Section -100.0 To 21.09 %



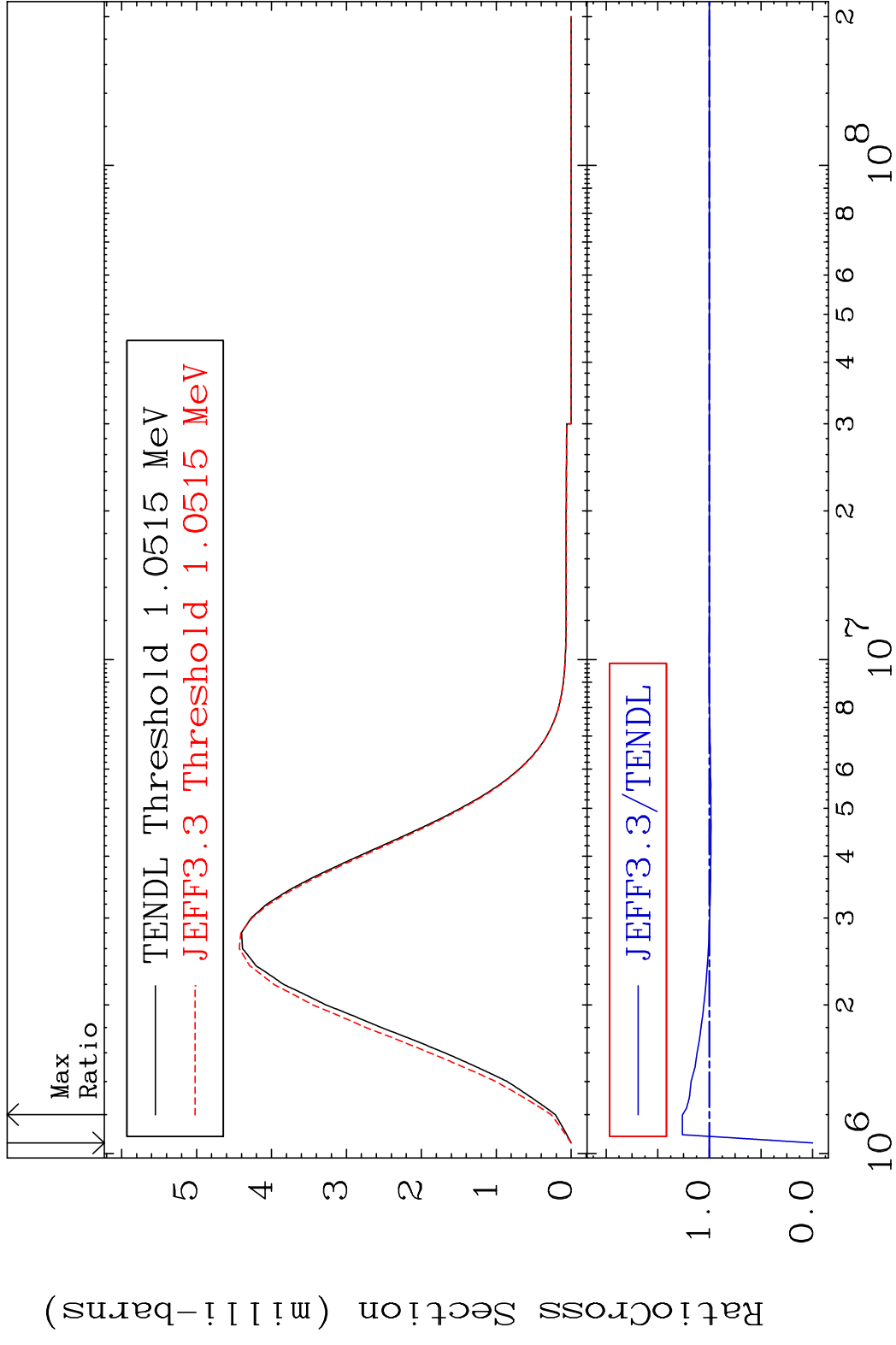
36 Incident Energy (eV) 33-As-73

MAT 3319 MT= 69 (n, n') Level 33-As-73
 Cross Section -100.0 To 21.30 %

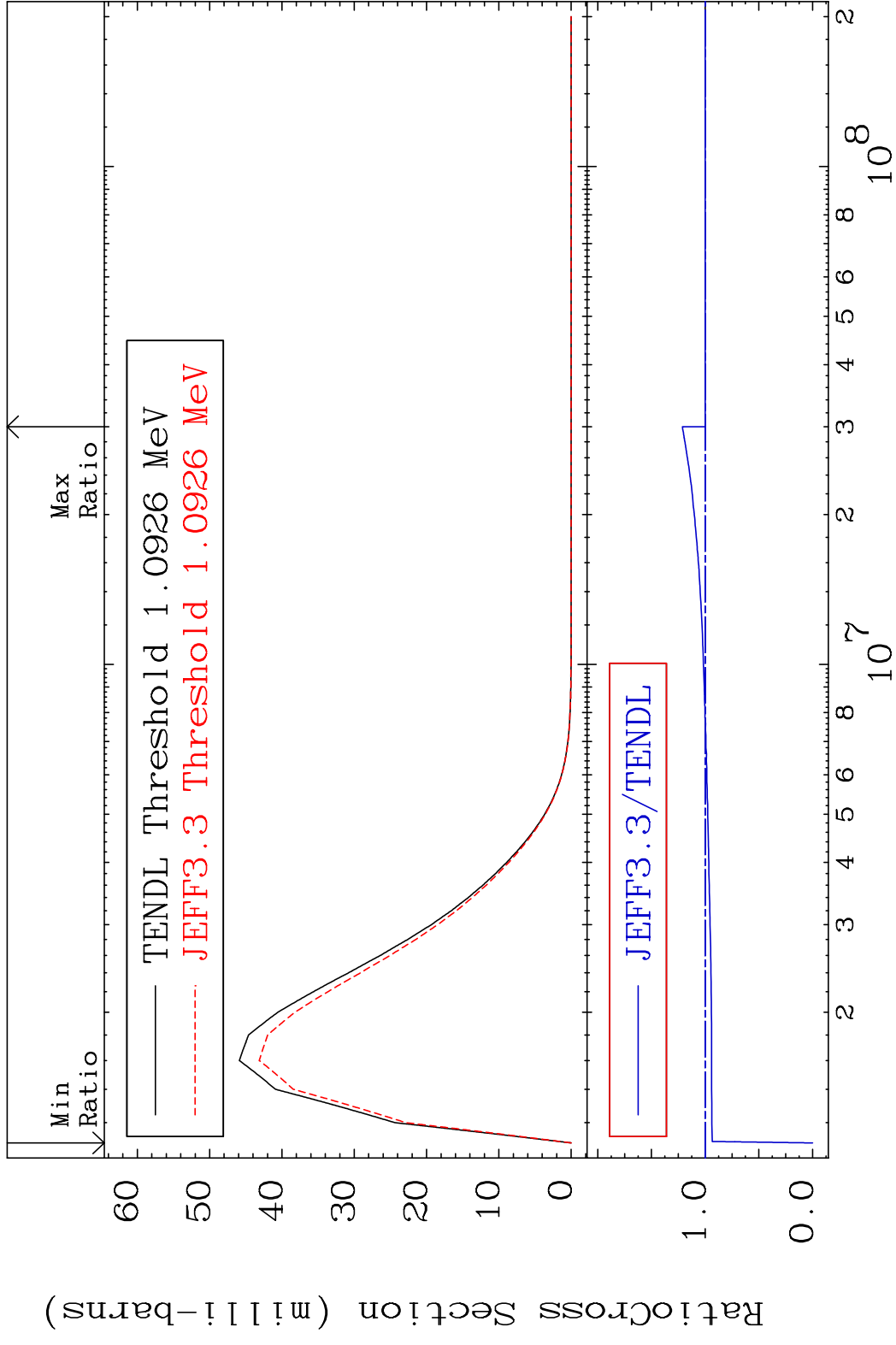


37 Incident Energy (eV) 33-As-73

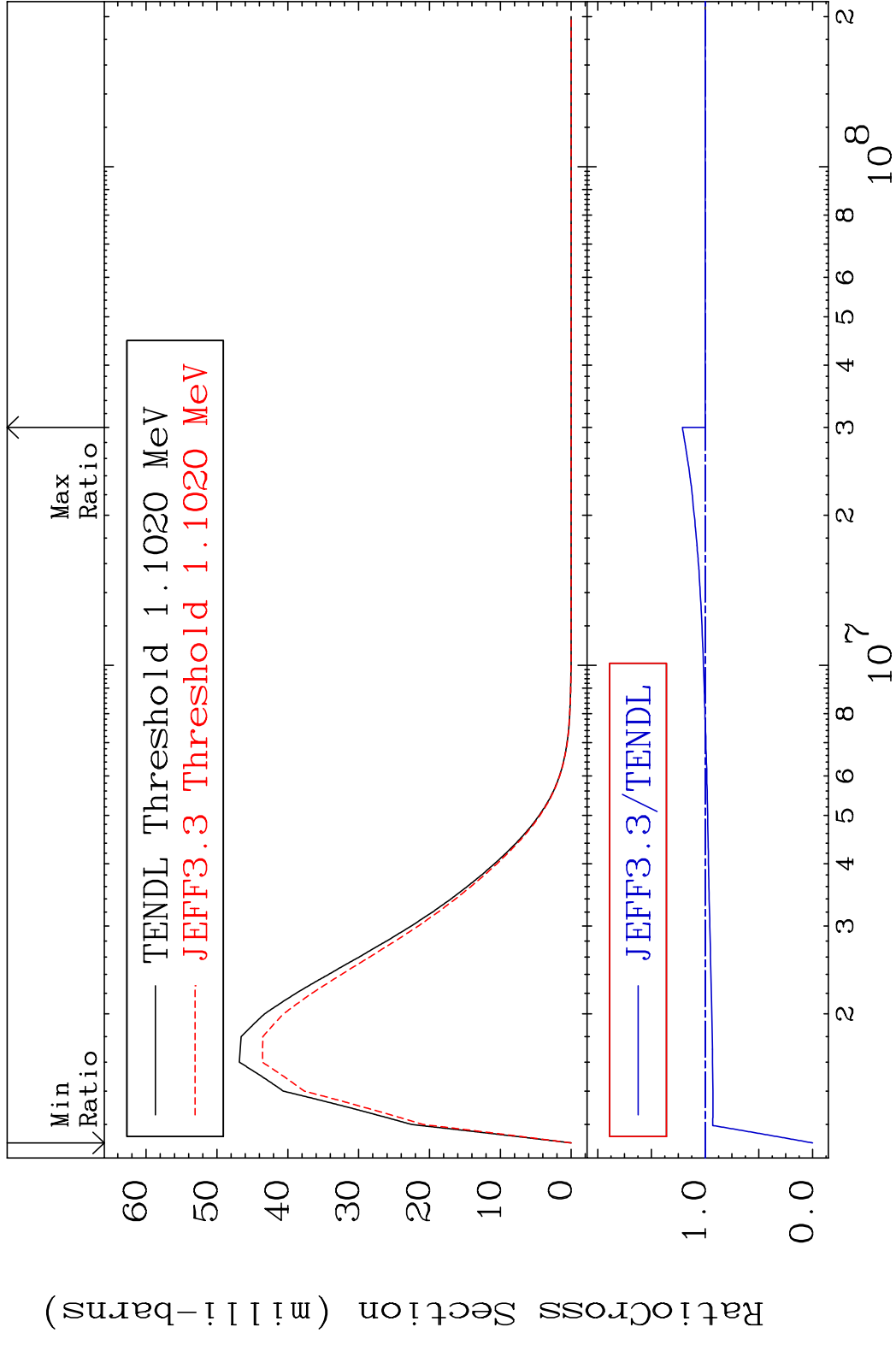
MAT 3319 MT= 70 (n, n') Level 33-As-73
 Cross Section -100.0 To 26.18 %



MAT 3319 MT= 71 (n,n') Level 33-As-73
 Cross Section -100.0 To 21.25 %

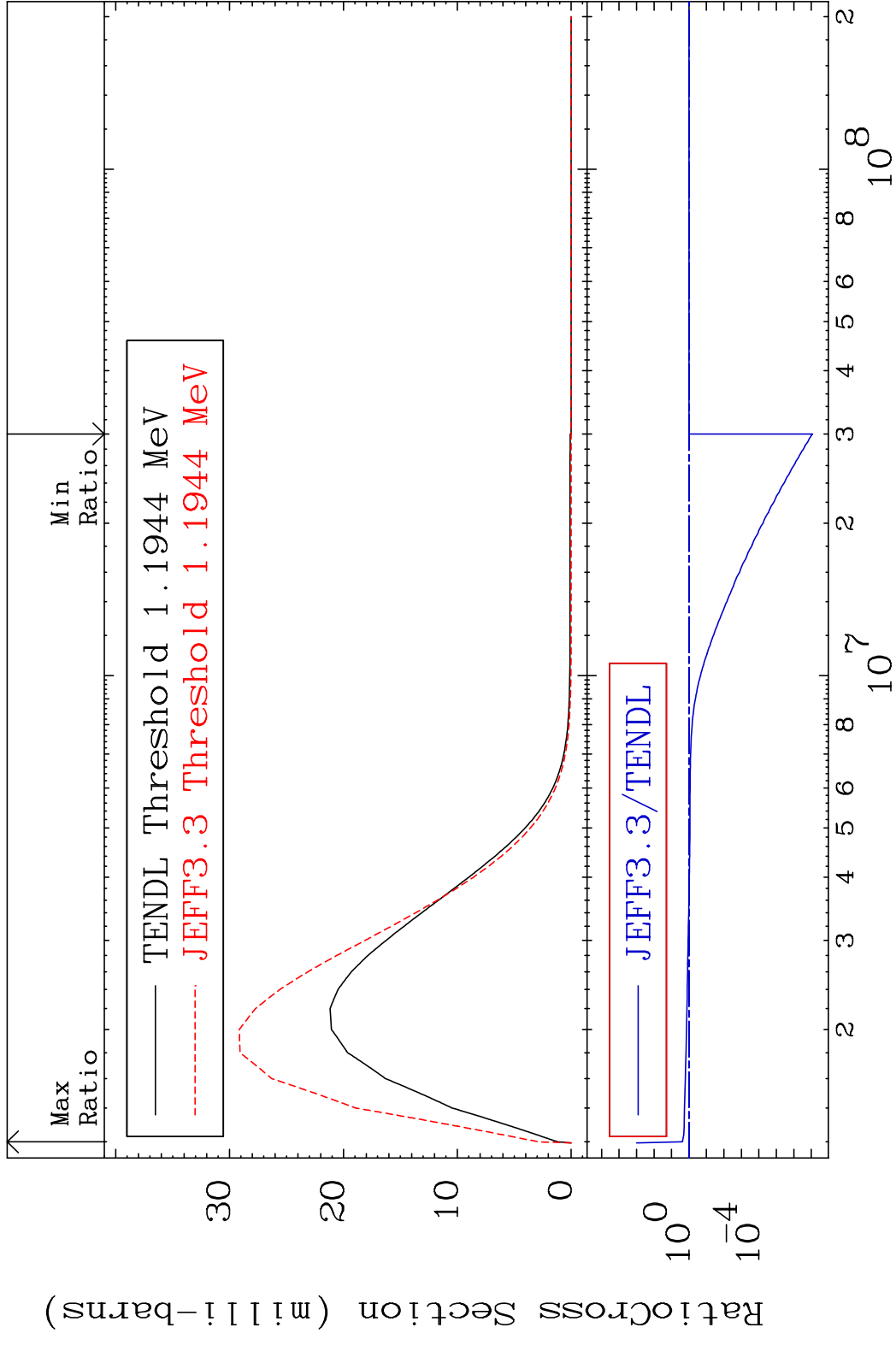


MAT 3319 MT= 72 (n, n') Level 33-As-73
 Cross Section -100.0 To 21.18 %

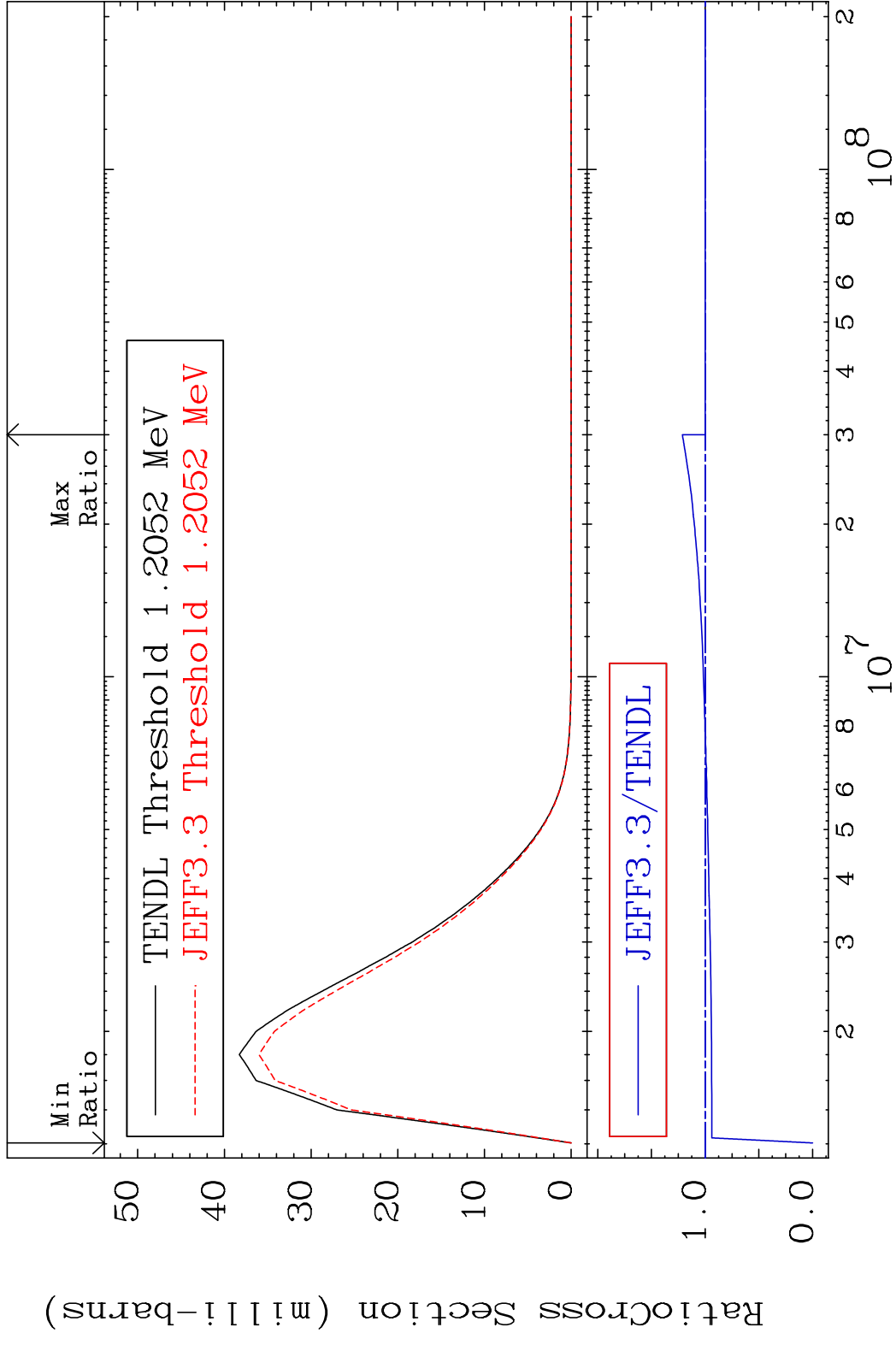


40 Incident Energy (eV) 33-As-73

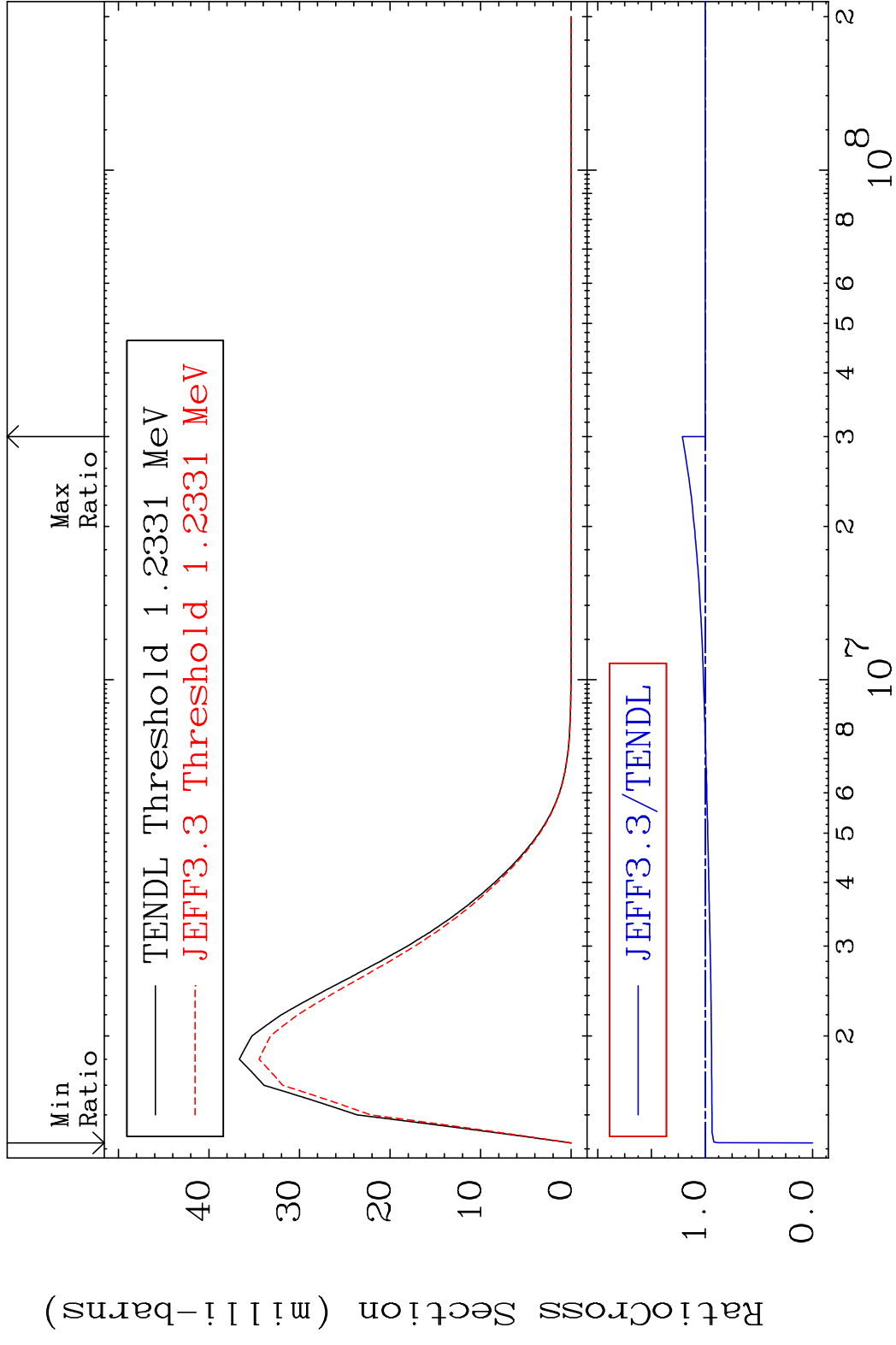
MAT 3319 MT= 73 (n, n') Level 33-As-73
 Cross Section -100.0 To 139.0 %



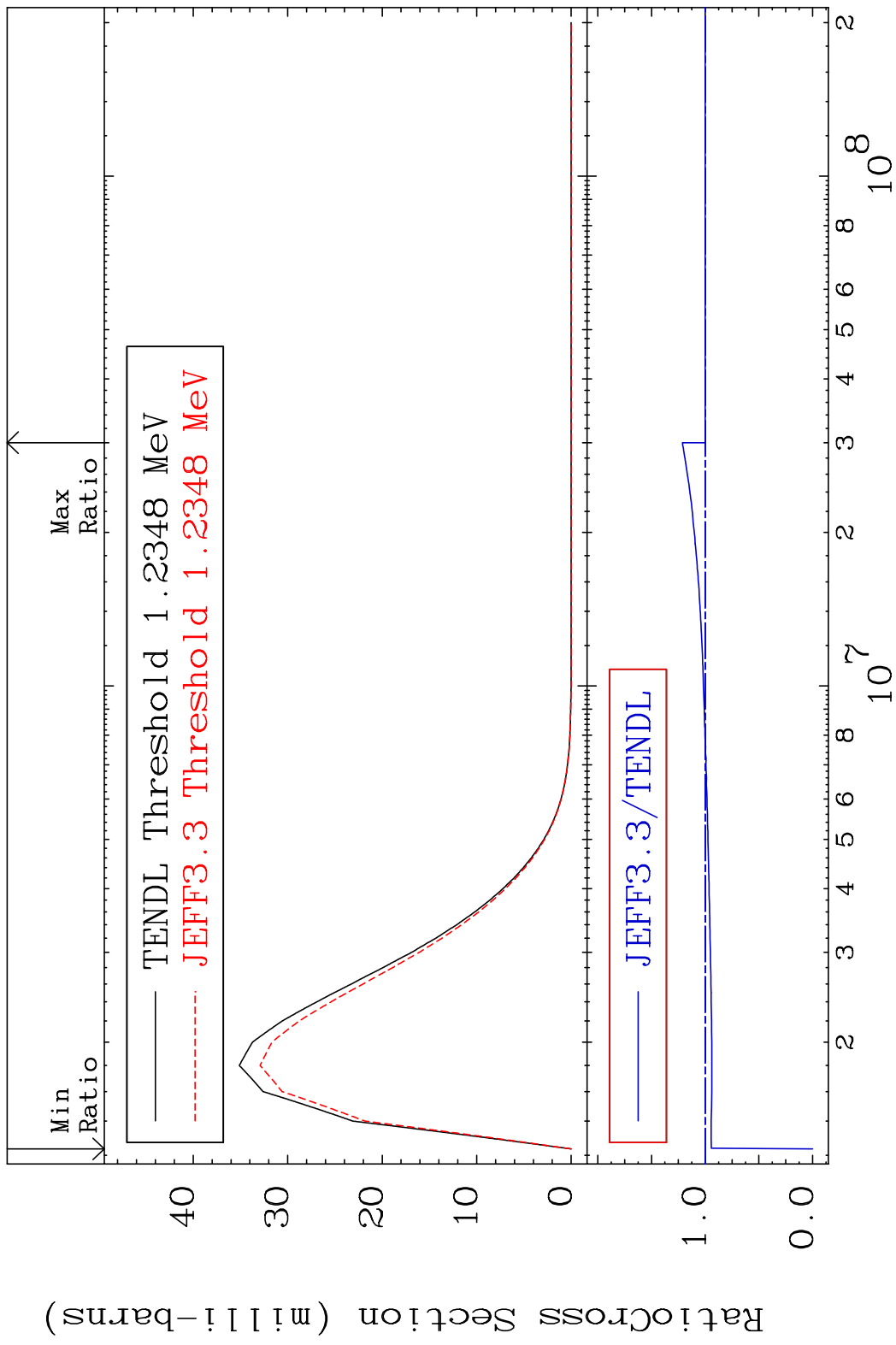
MAT 3319 MT= 74 (n,n') Level 33-As-73
 Cross Section -100.0 To 21.25 %



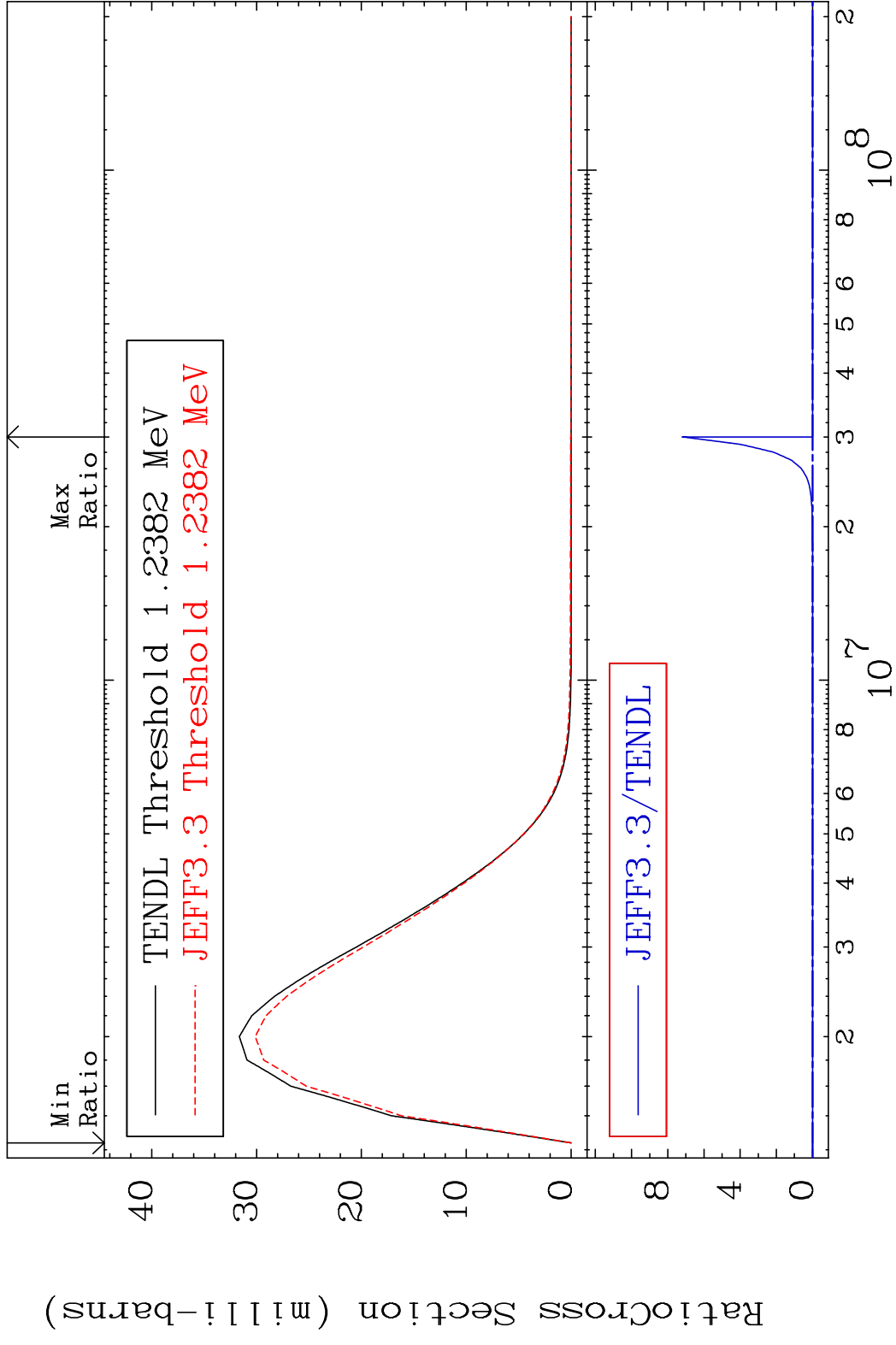
MAT 3319 MT= 75 (n,n') Level 33-As-73
 Cross Section -100.0 To 21.25 %



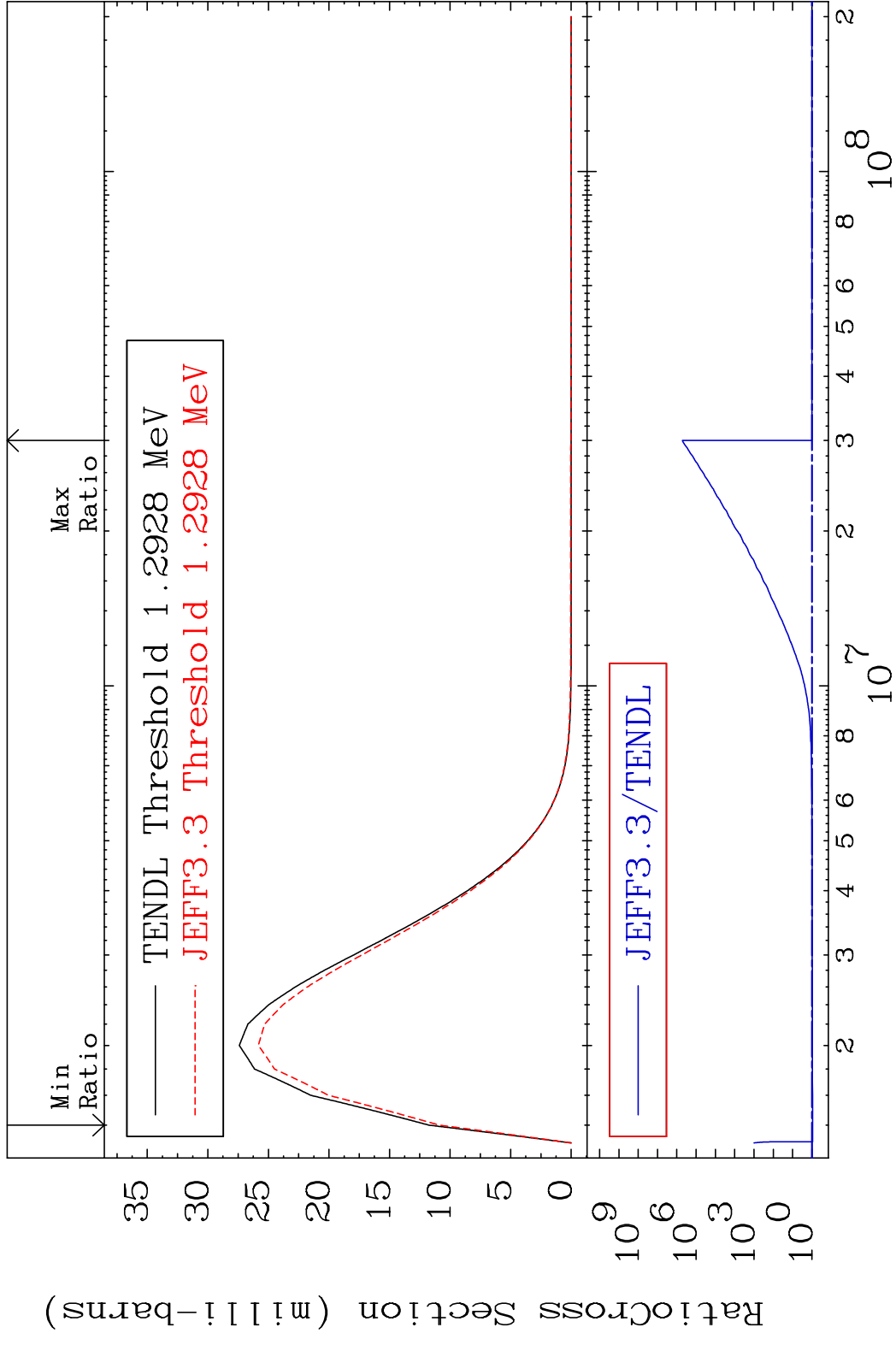
MAT 3319 MT= 76 (n, n') Level 33-As-73
 Cross Section -100.0 To 21.27 %



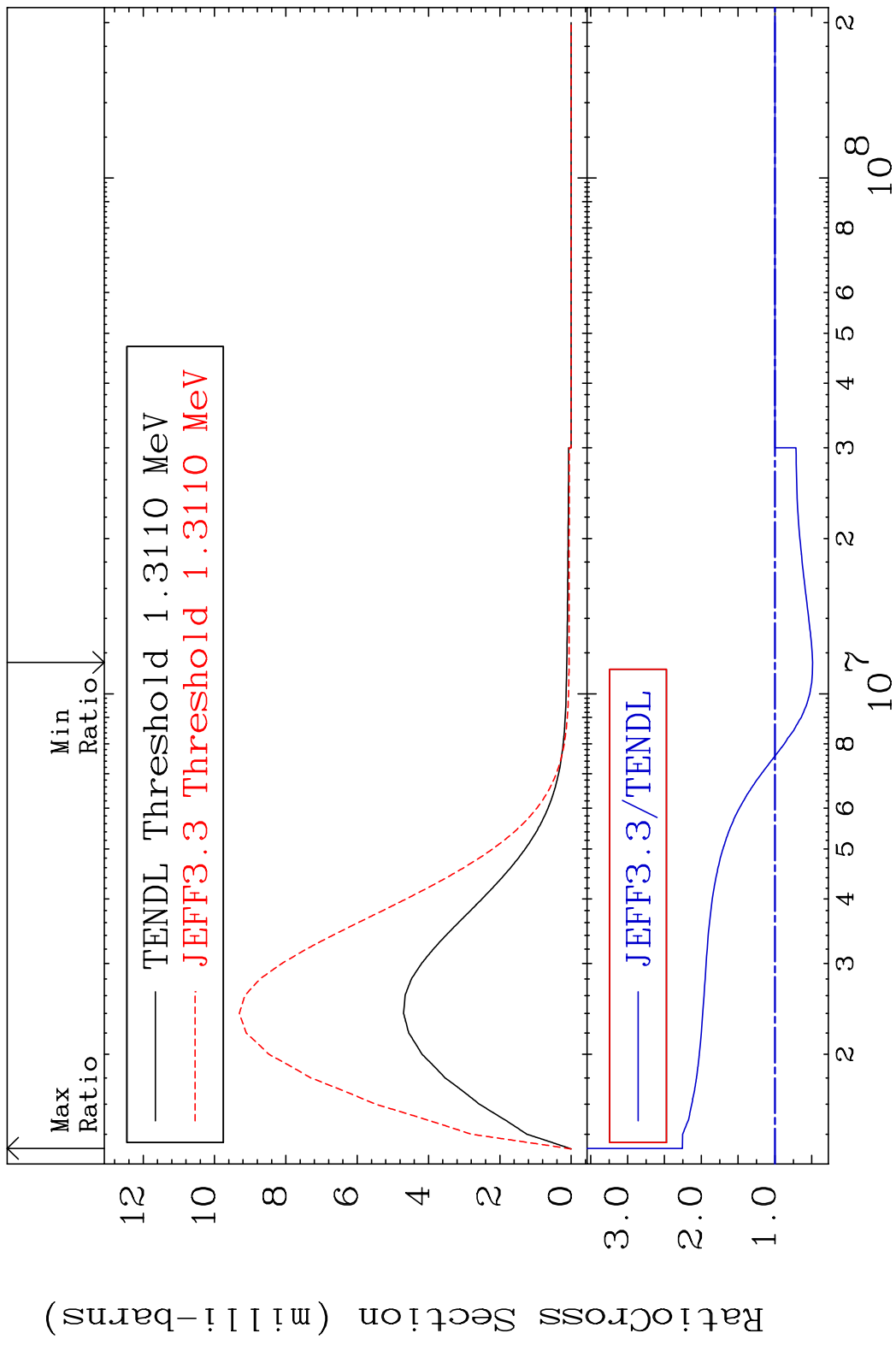
MAT 3319 MT= 77 (n, n') Level 33-As-73
 Cross Section -100.0 To 9999. %



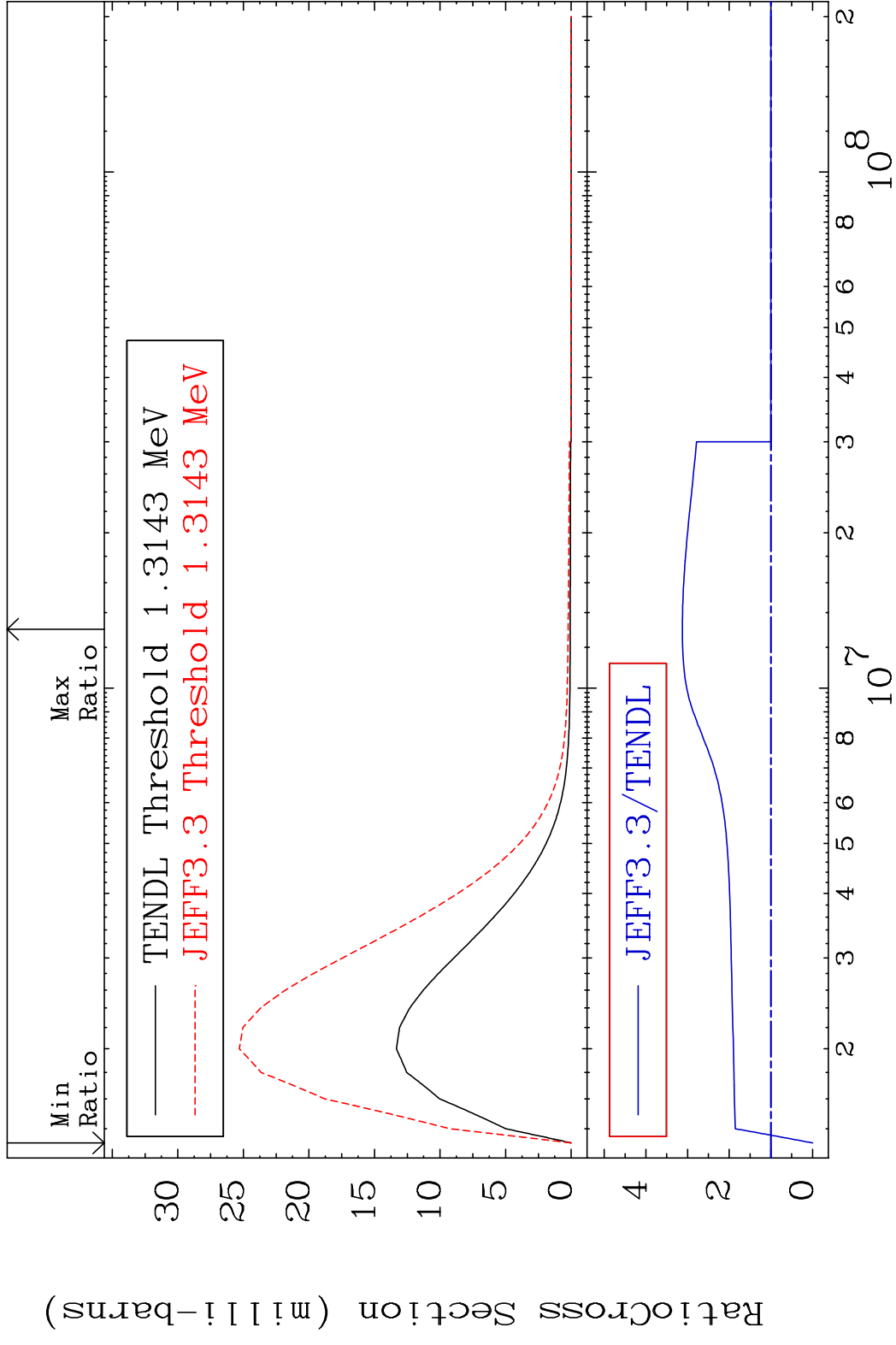
MAT 3319 MT= 78 (n, n') Level 33-As-73
 Cross Section -7.289 To 9999. %



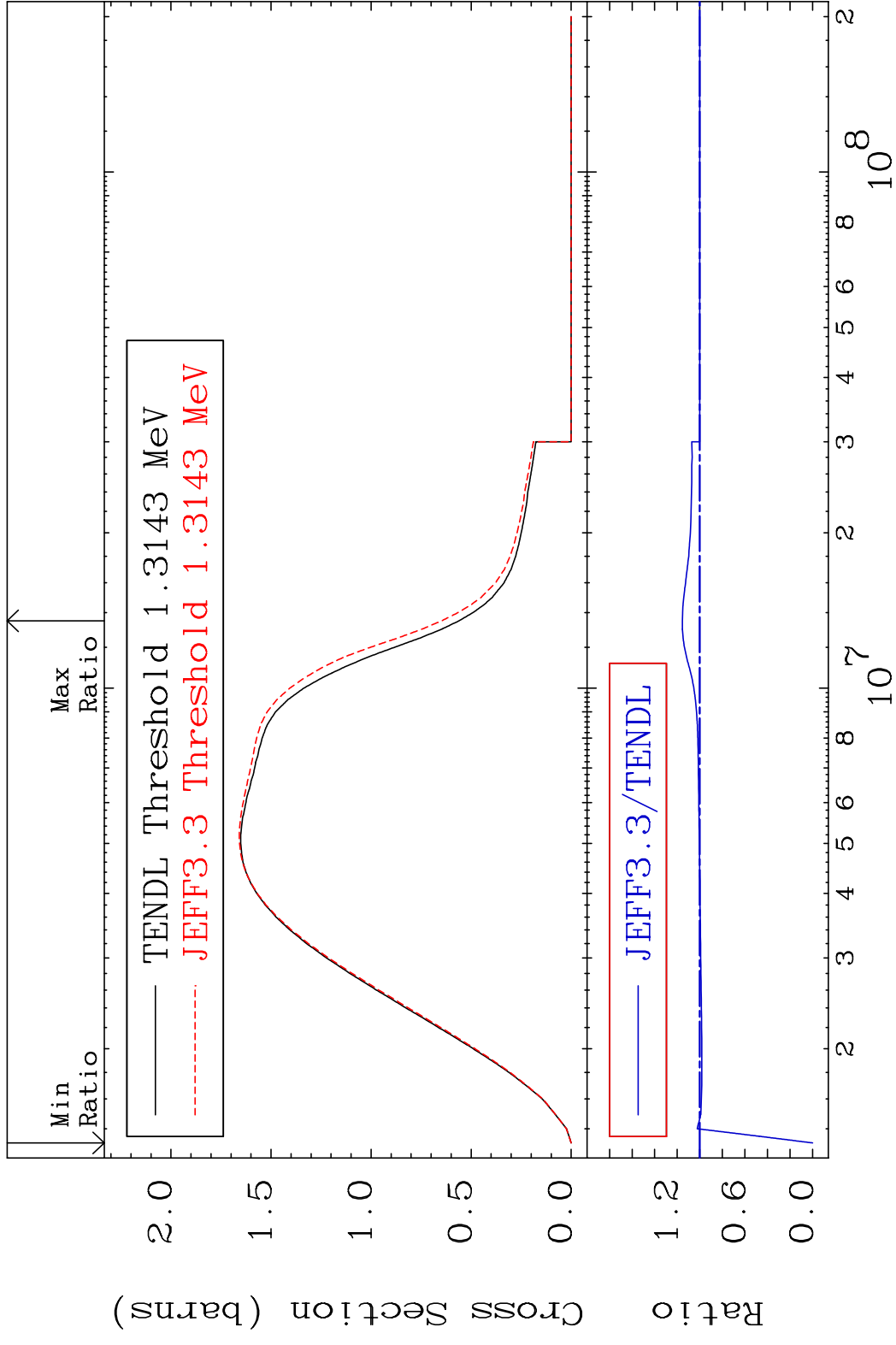
MAT 3319 MT= 79 (n, n') Level 33-As-73
 Cross Section -51.05 To 125.7 %



MAT 3319 MT= 80 (n,n') Level 33-As-73
 Cross Section -100.0 To 212.5 %



MAT 3319 (n, n') Continuum 33-As-73
 Cross Section -100.0 To 15.45 %

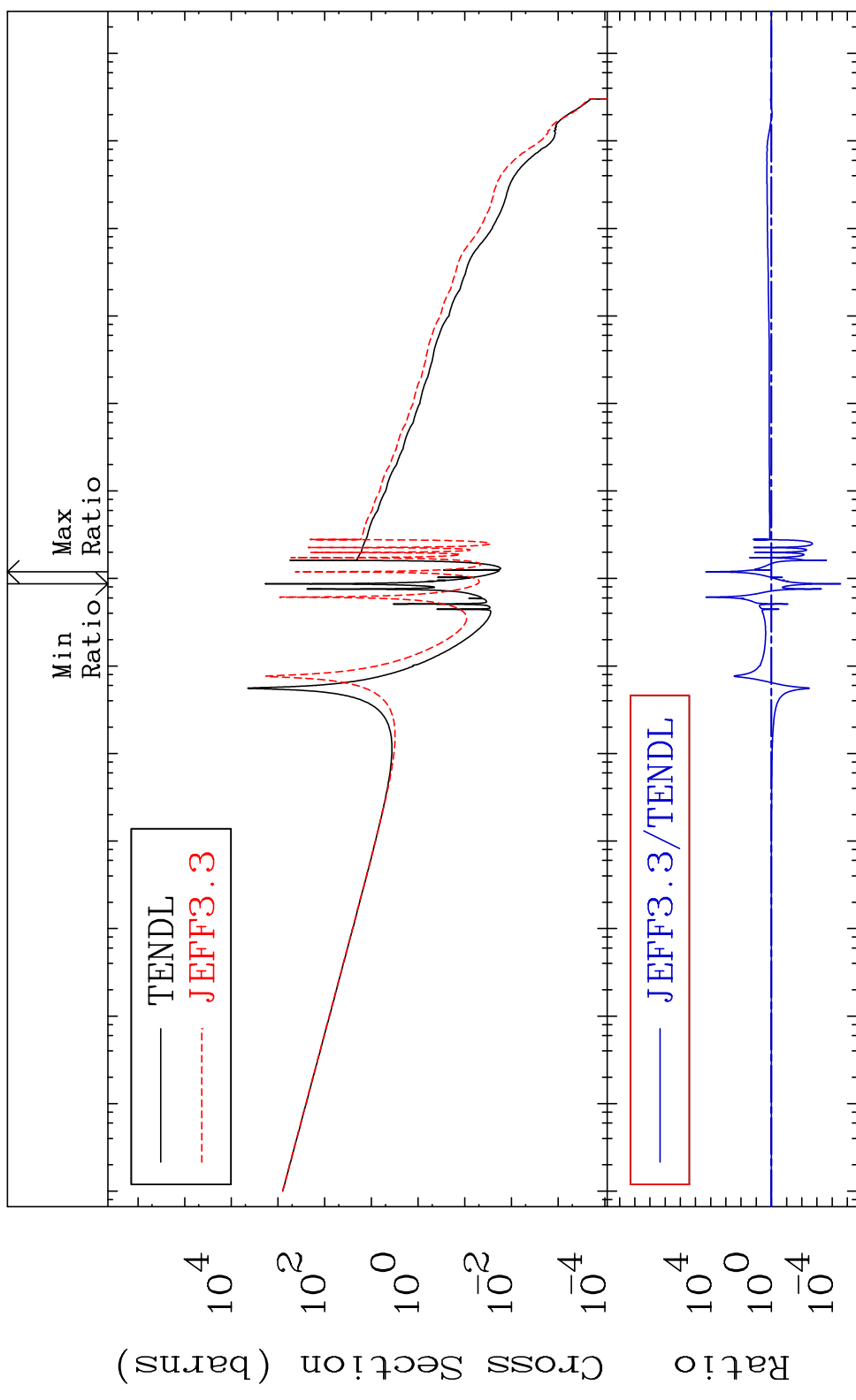


MAT 3319

(n, γ)

33-As-73

Cross Section -100.0 To 9999. %

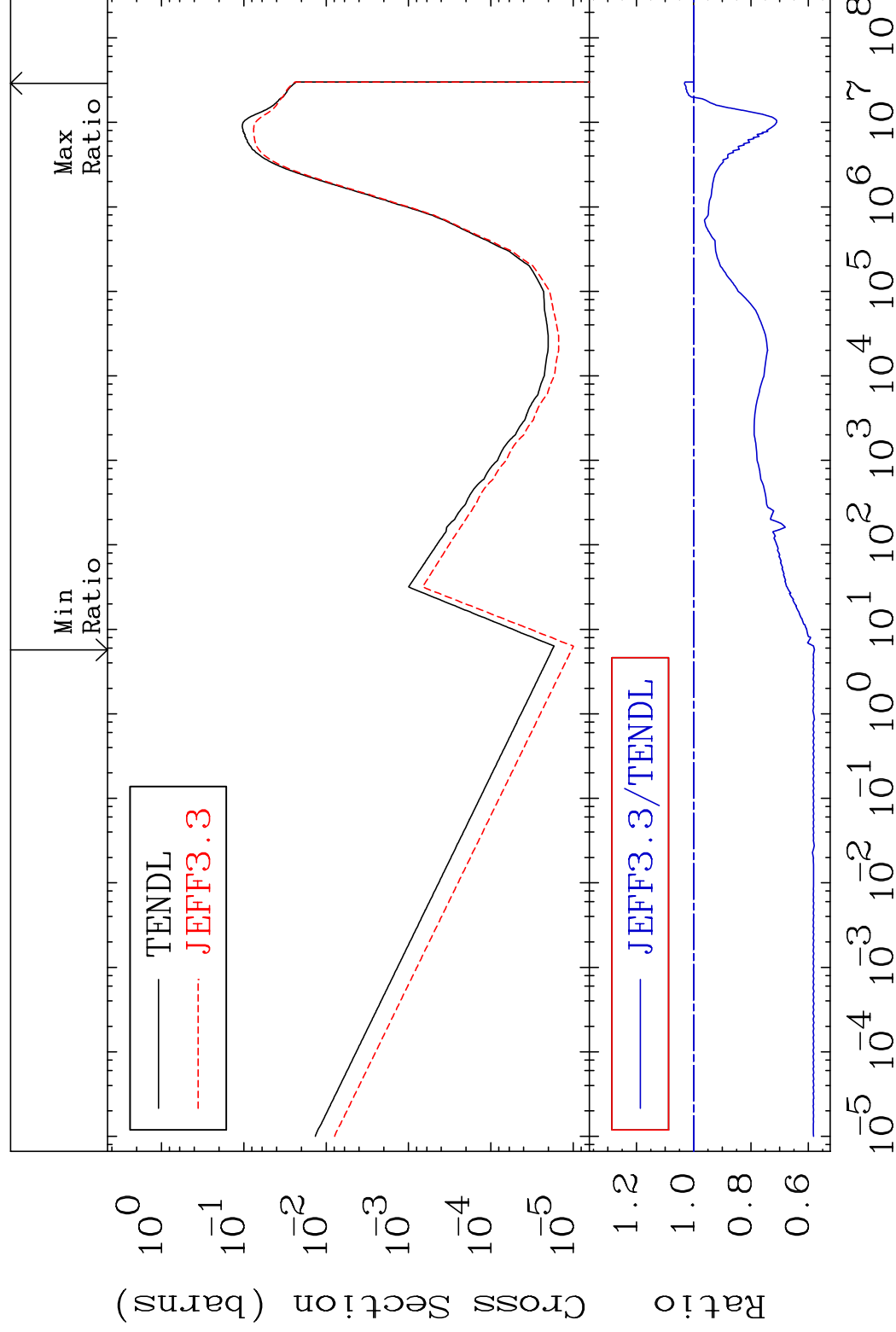


MAT 3319

(n, p)

33-As-73

Cross Section -42.14 To 3.230 %



51

Incident Energy (eV)

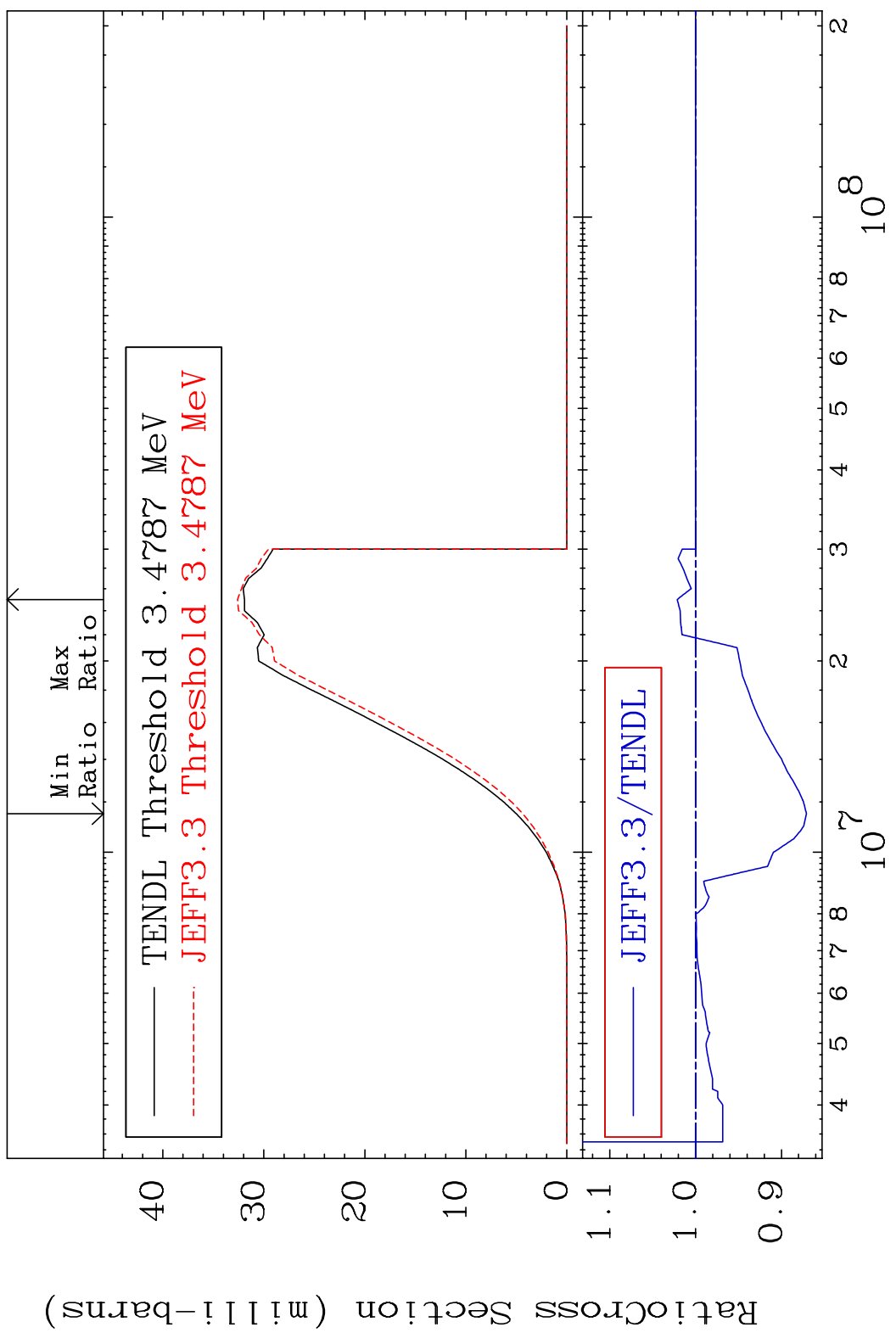
33-As-73

MAT 3319

(n, d)

33-As-73

Cross Section -12.91 To 2.145 %

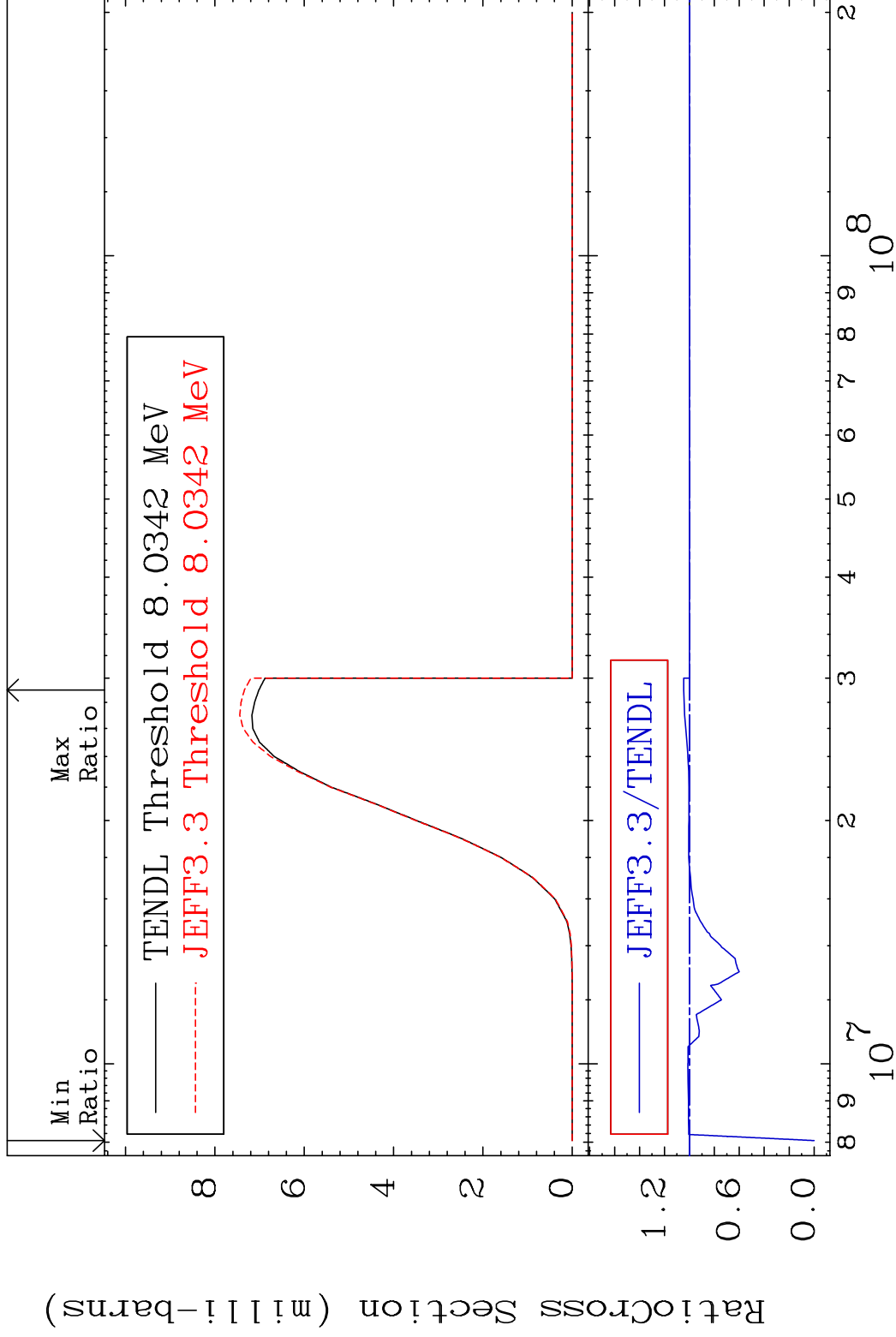


MAT 3319

(n, t)

33-As-73

Cross Section -100.0 To 4.617 %



53

Incident Energy (eV)

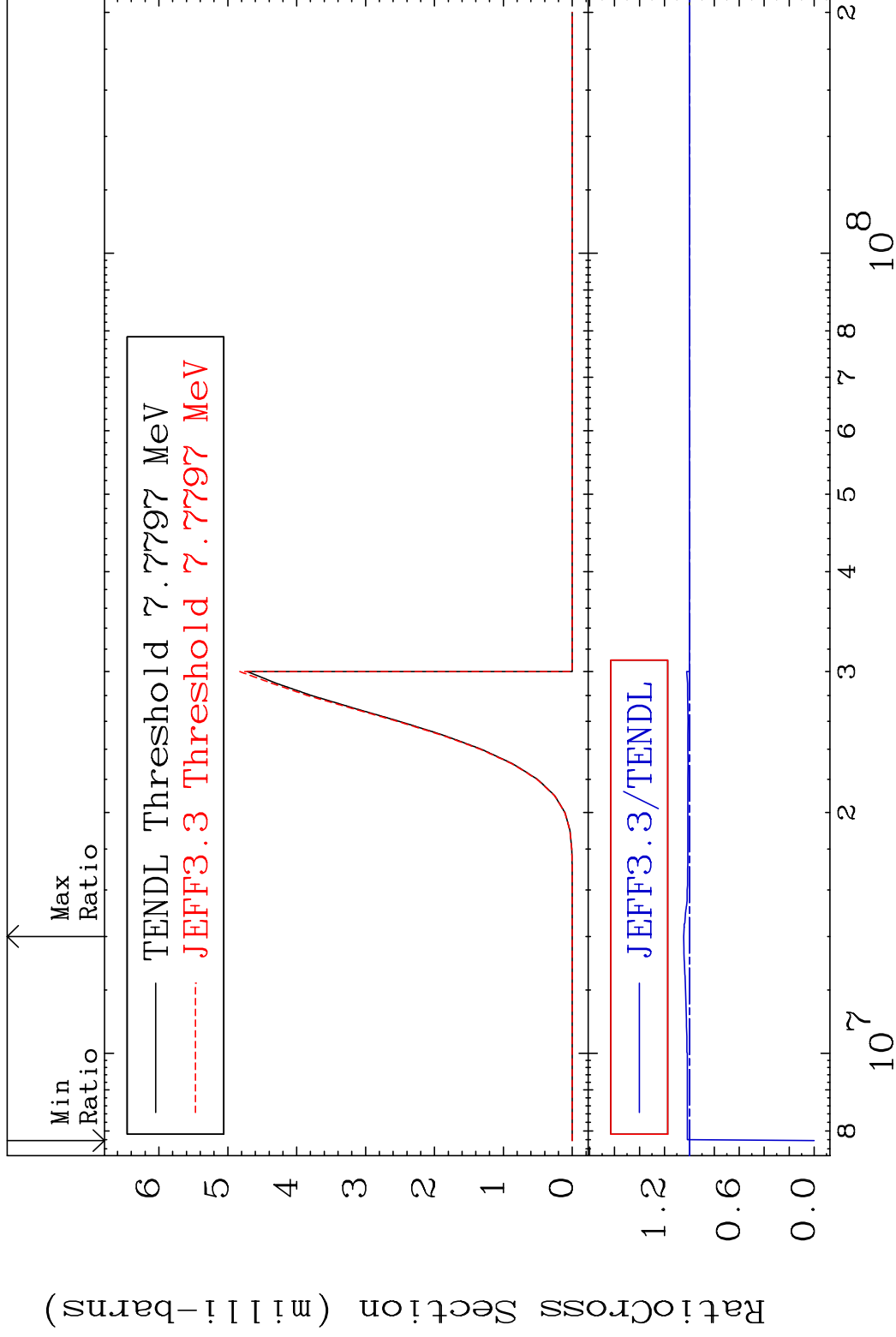
33-As-73

MAT 3319

(n, He-3)

33-As-73

Cross Section -100.0 To 4.599 %



54

Incident Energy (eV)

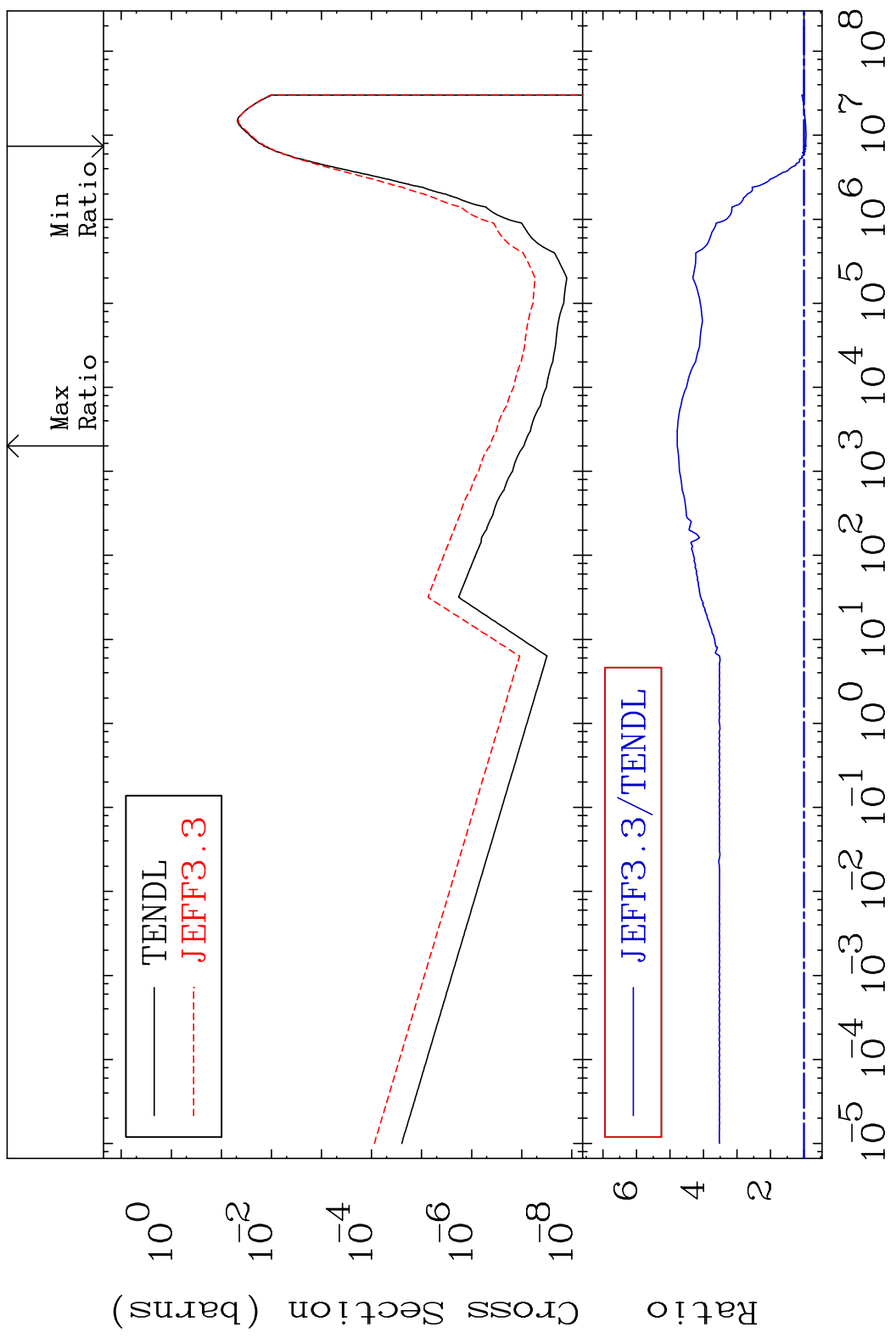
33-As-73

MAT 3319

(n, α)

33-As-73

Cross Section -7.100 To 378.7 %



55

Incident Energy (eV)

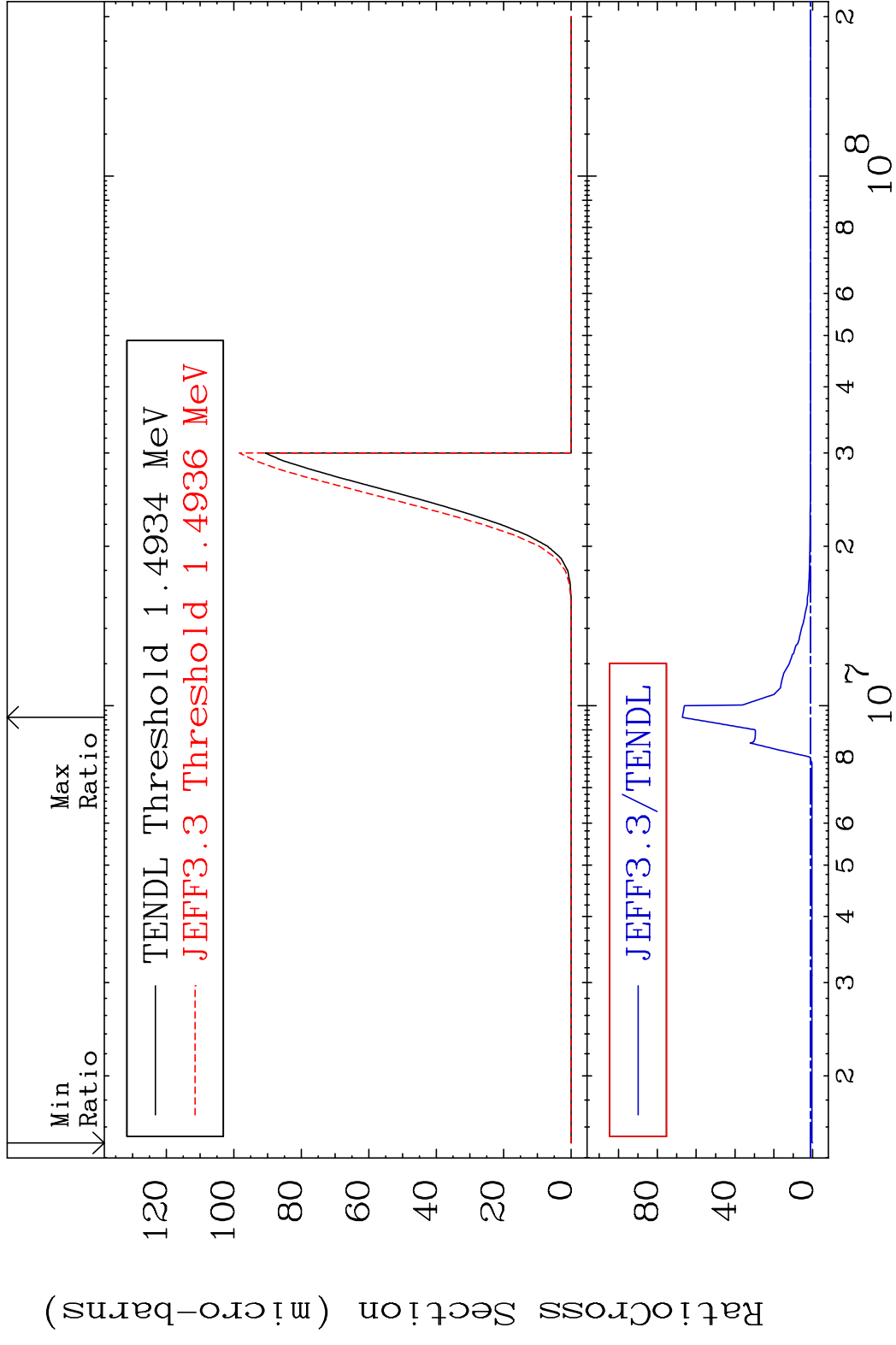
33-As-73

MAT 3319

(n,2α)

33-AS-73

Cross Section -100.0 To 6612. %

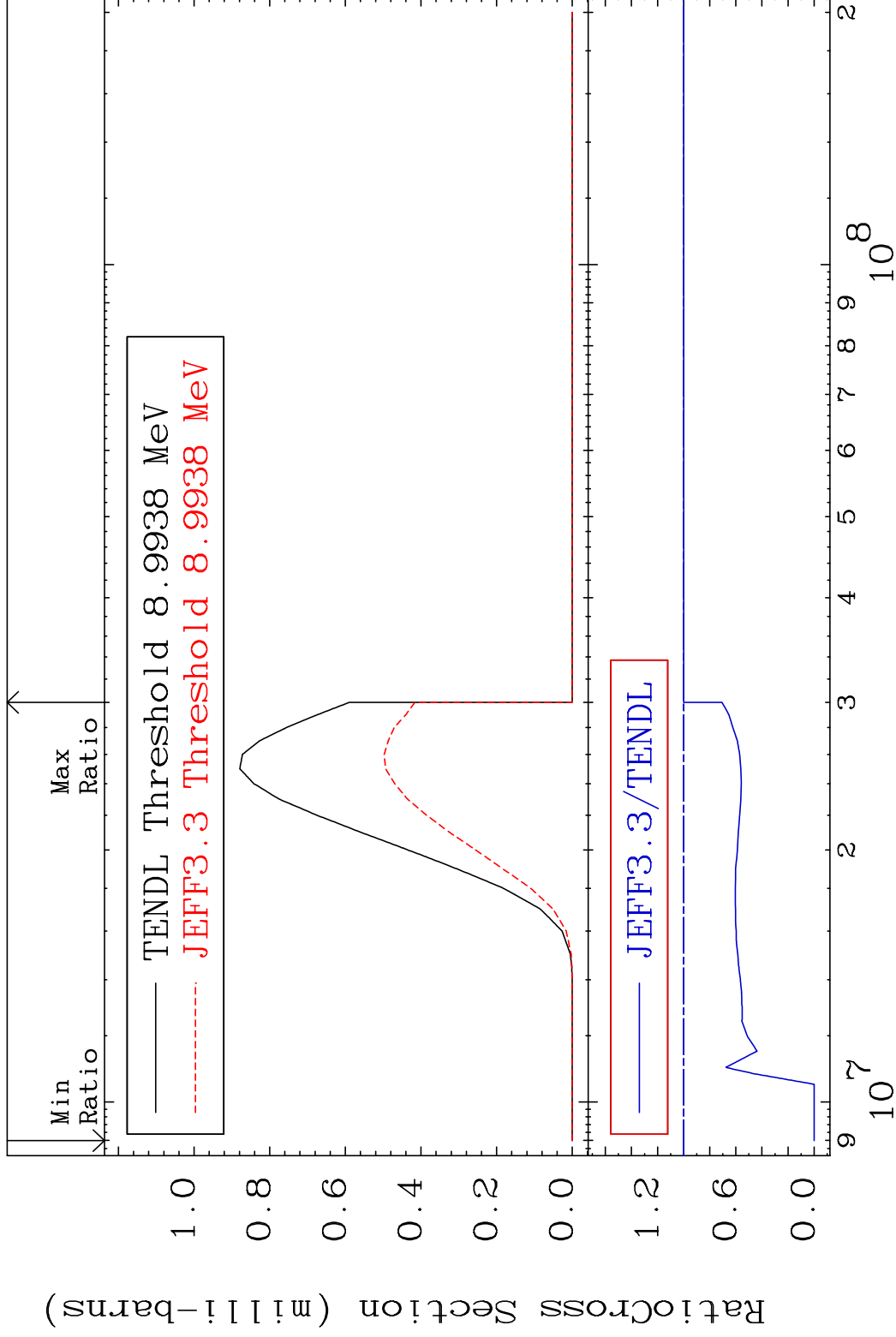


MAT 3319

(n,2p)

33-As-73

Cross Section -100.0 To 0.000 %



57

Incident Energy (eV)

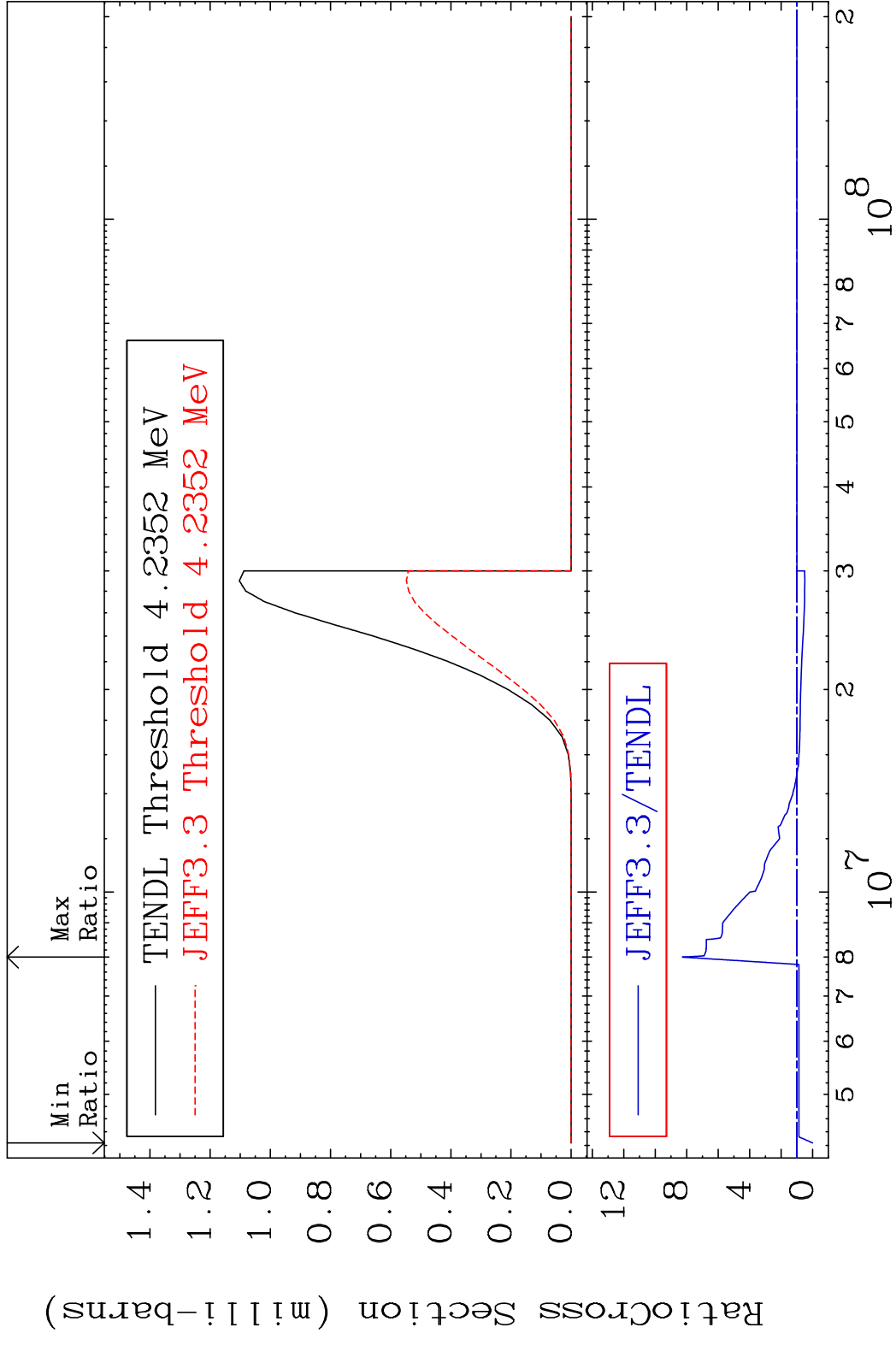
33-As-73

MAT 3319

(n,p) α

33-As-73

Cross Section -100.0 To 727.9 %

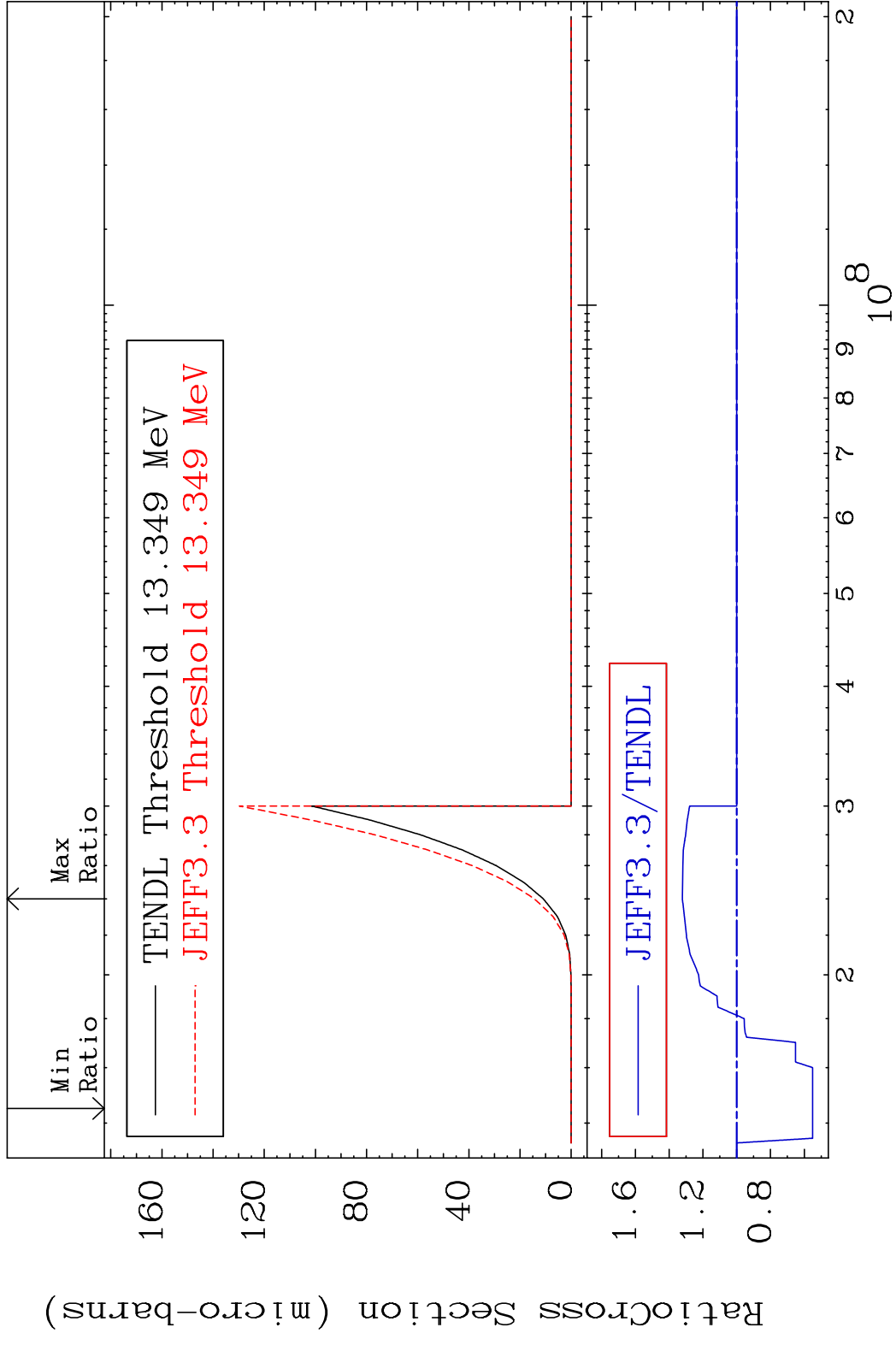


MAT 3319

(n,p) d

33-As-73

Cross Section -44.90 To 32.20 %

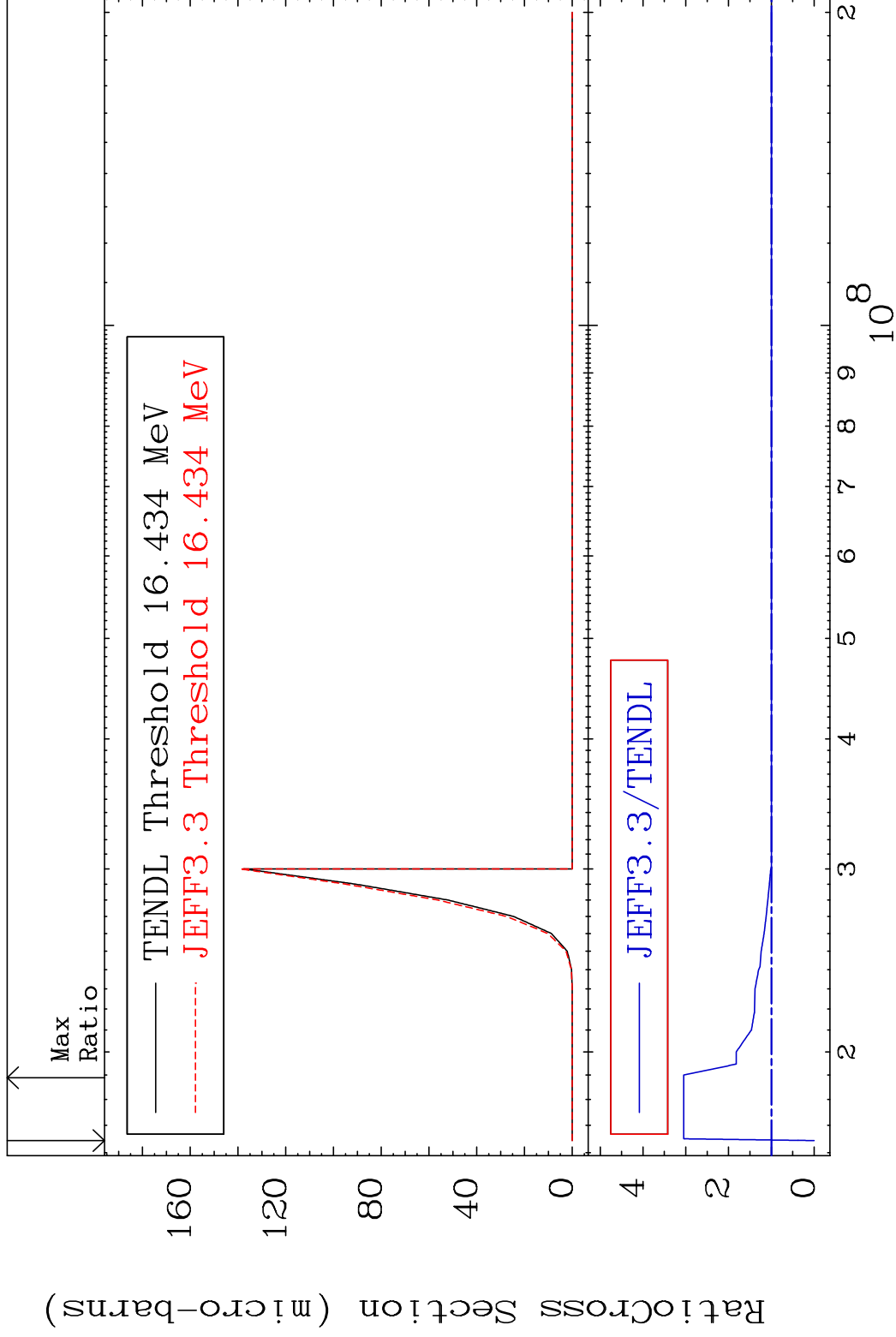


MAT 3319

(n,p) t

33-As-73

Cross Section -100.0 To 204.9 %



60

Incident Energy (eV)

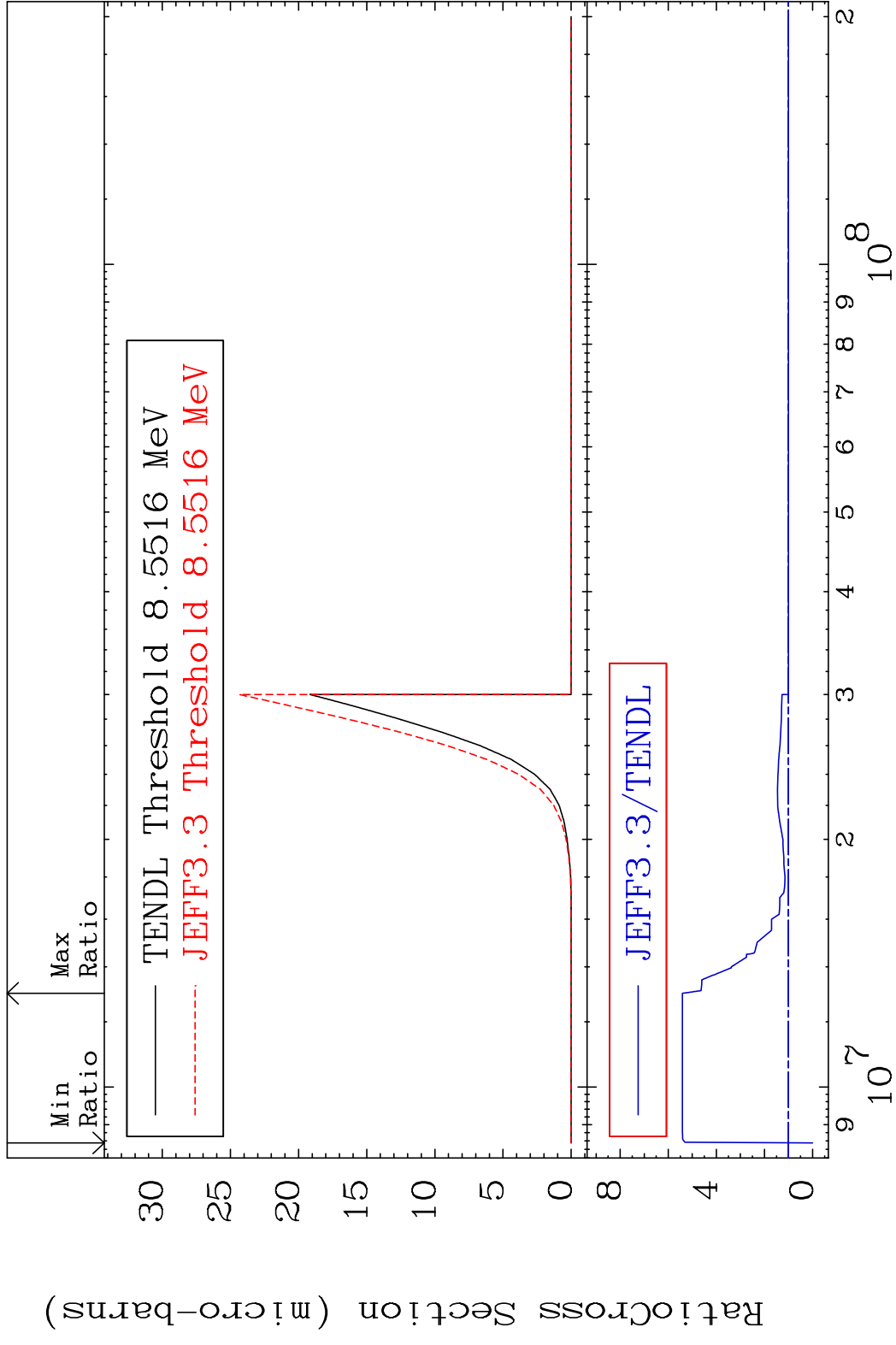
33-As-73

MAT 3319

(n,d) α

33-As-73

Cross Section -100.0 To 441.3 %



61

Incident Energy (eV)

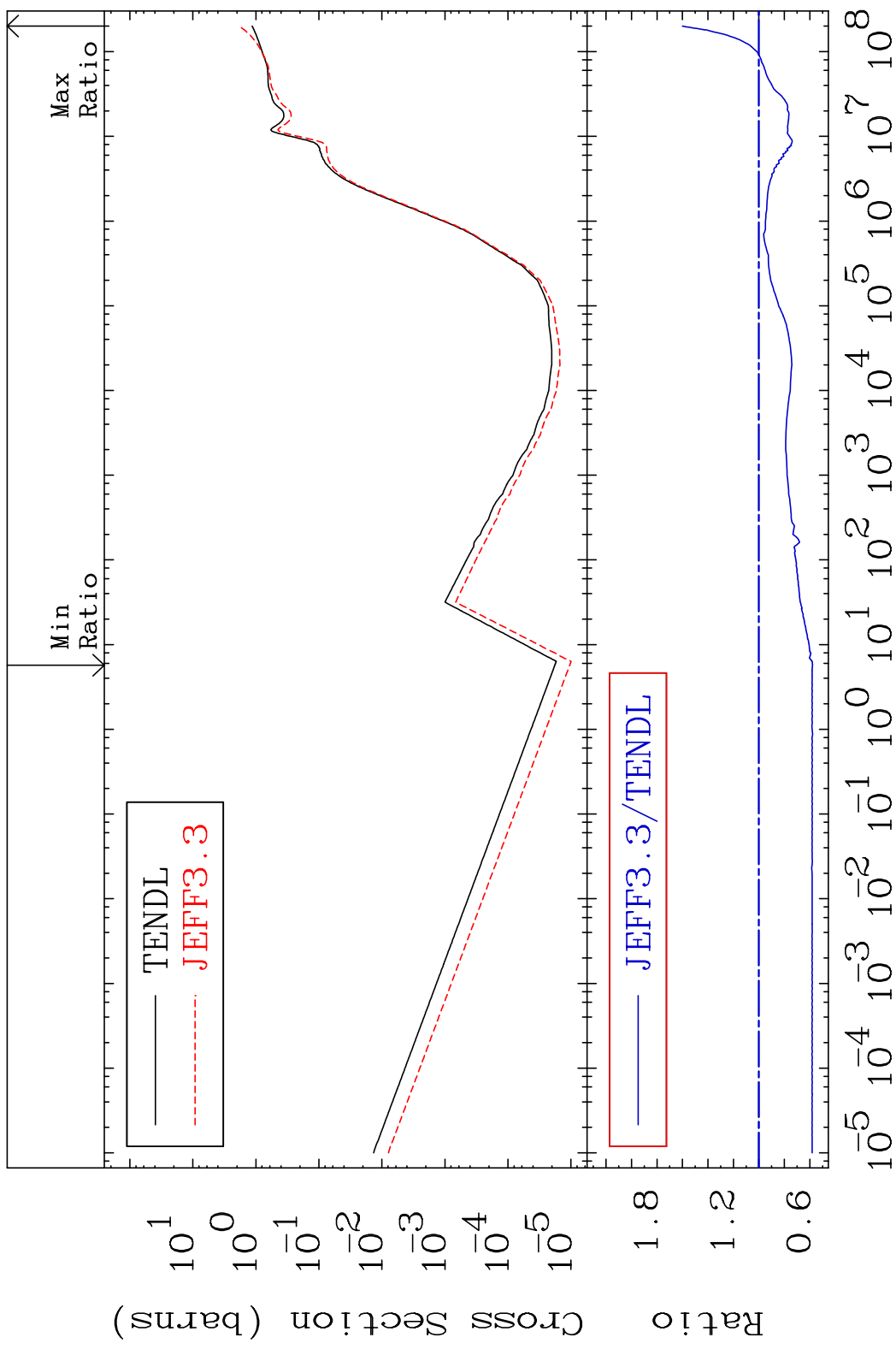
33-As-73

MAT 3319

Hydrogen Production

33-As-73

Cross Section -42.14 To 60.09 %



62

Incident Energy (eV)

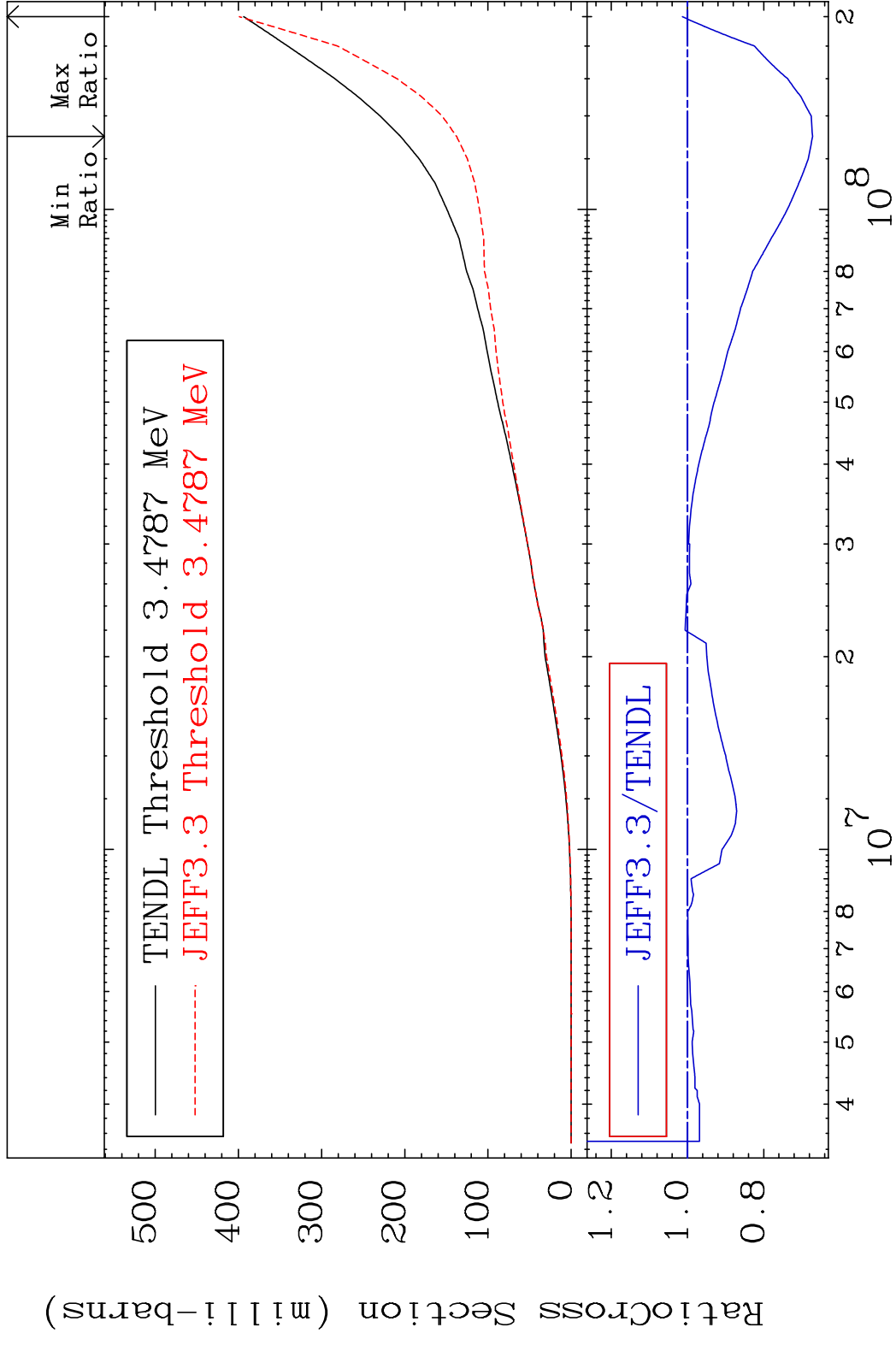
33-As-73

MAT 3319

Deuterium Production

33-As-73

Cross Section -32.82 To 1.346 %

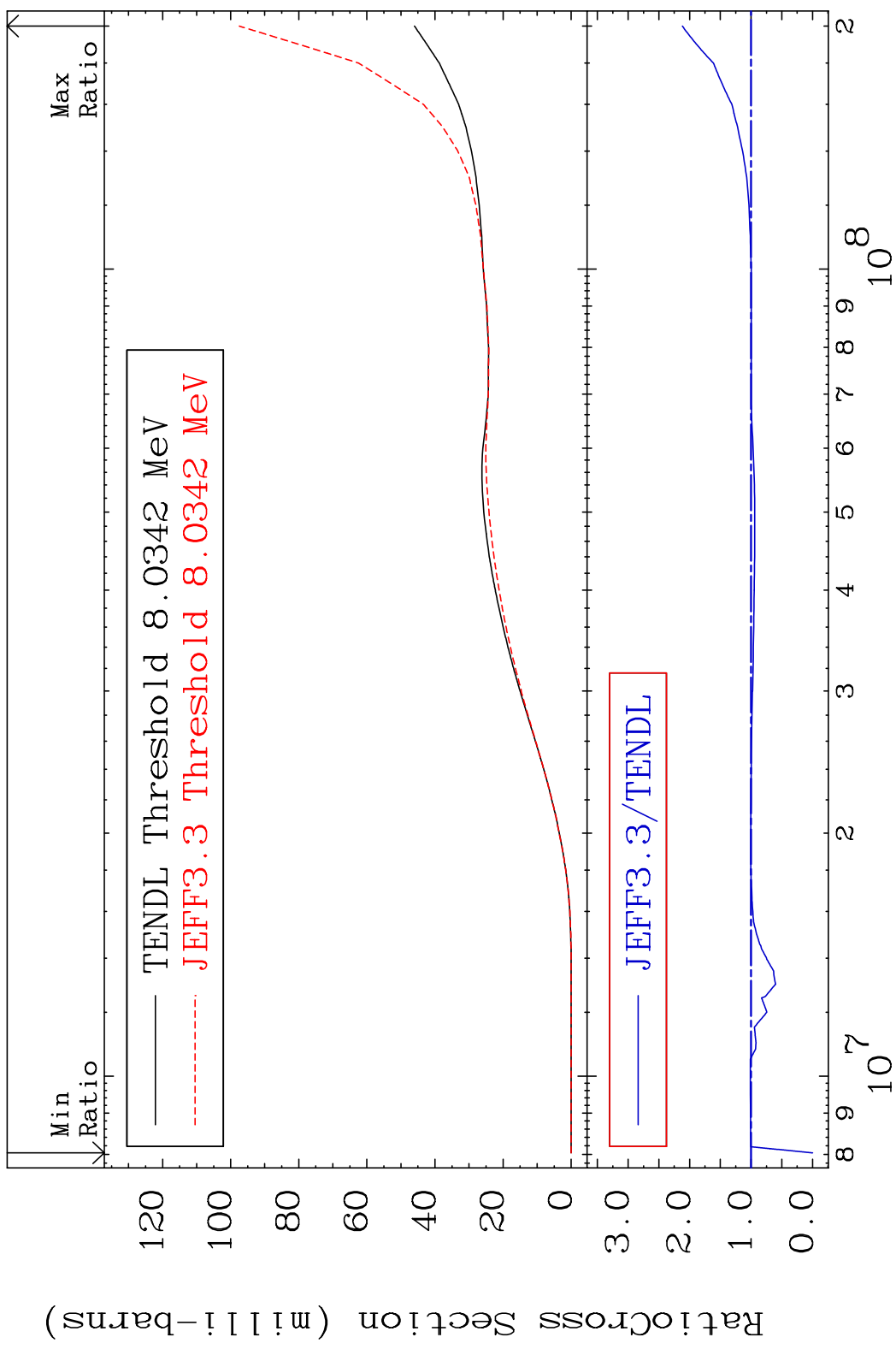


MAT 3319

Tritium Production

33-As-73

Cross Section -100.0 To 111.8 %

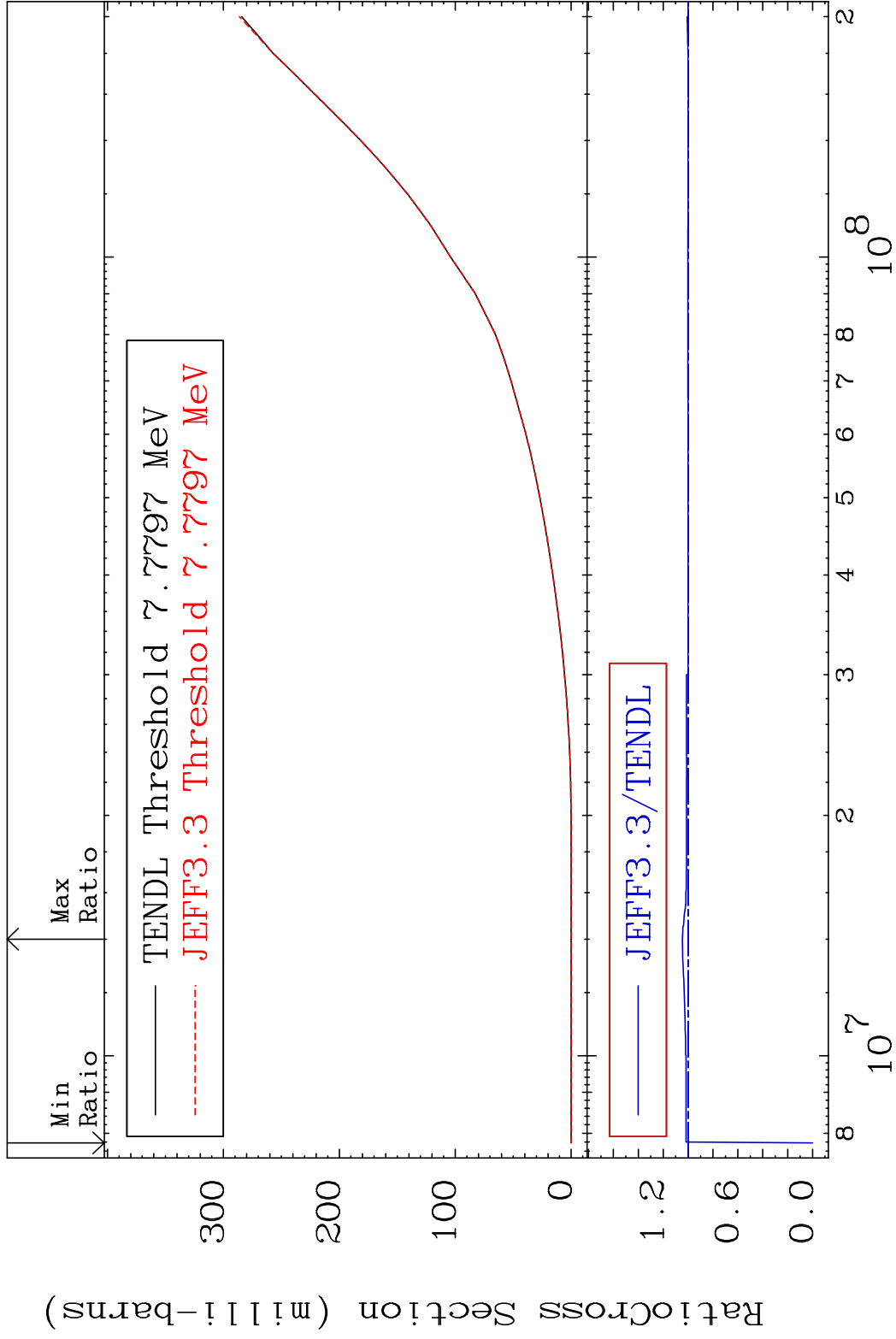


MAT 3319

He-3 Production

33-As-73

Cross Section -100.0 To 4.599 %



65

Incident Energy (eV)

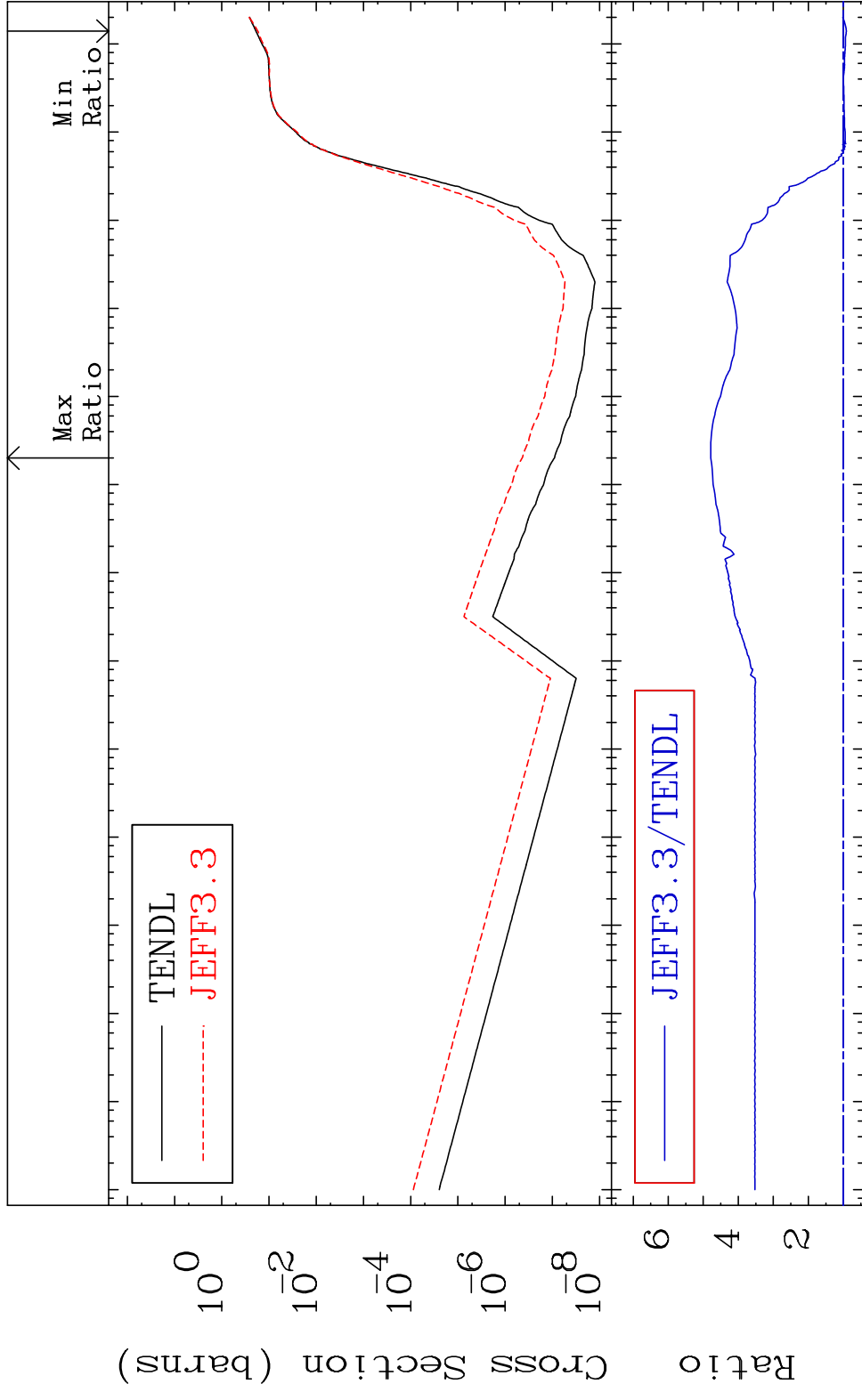
33-As-73

MAT 3319

He-4 Production

33-As-73

Cross Section -8.453 To 378.7 %



Cross Section (barns)

Ratio

TENDL
JEFF3.3

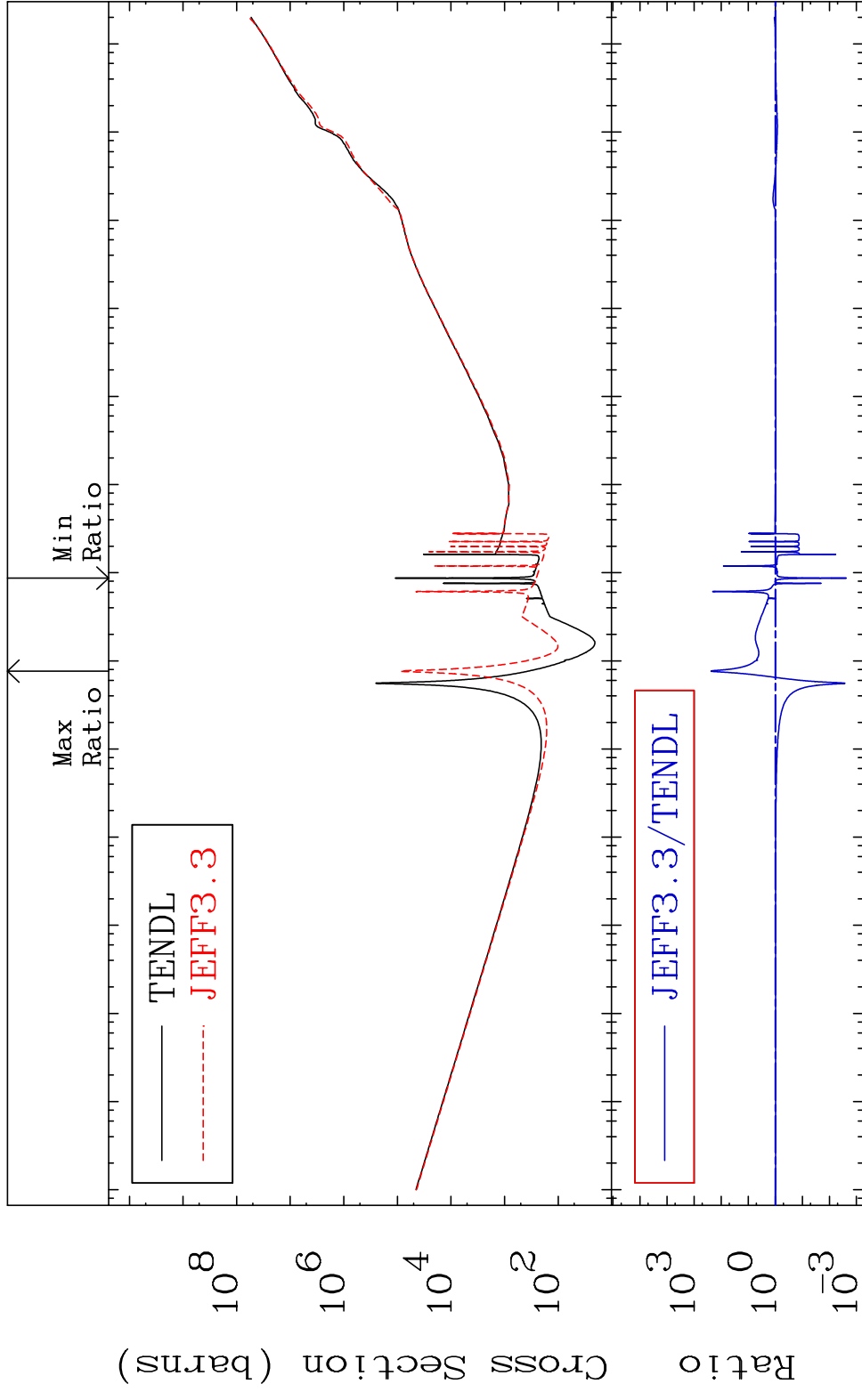
JEFF3.3/TENDL

Incident Energy (eV)

66

33-As-73

MAT 3319 Kerma total (eV-barns) 33-As-73
 Cross Section -99.76 To 9999. %

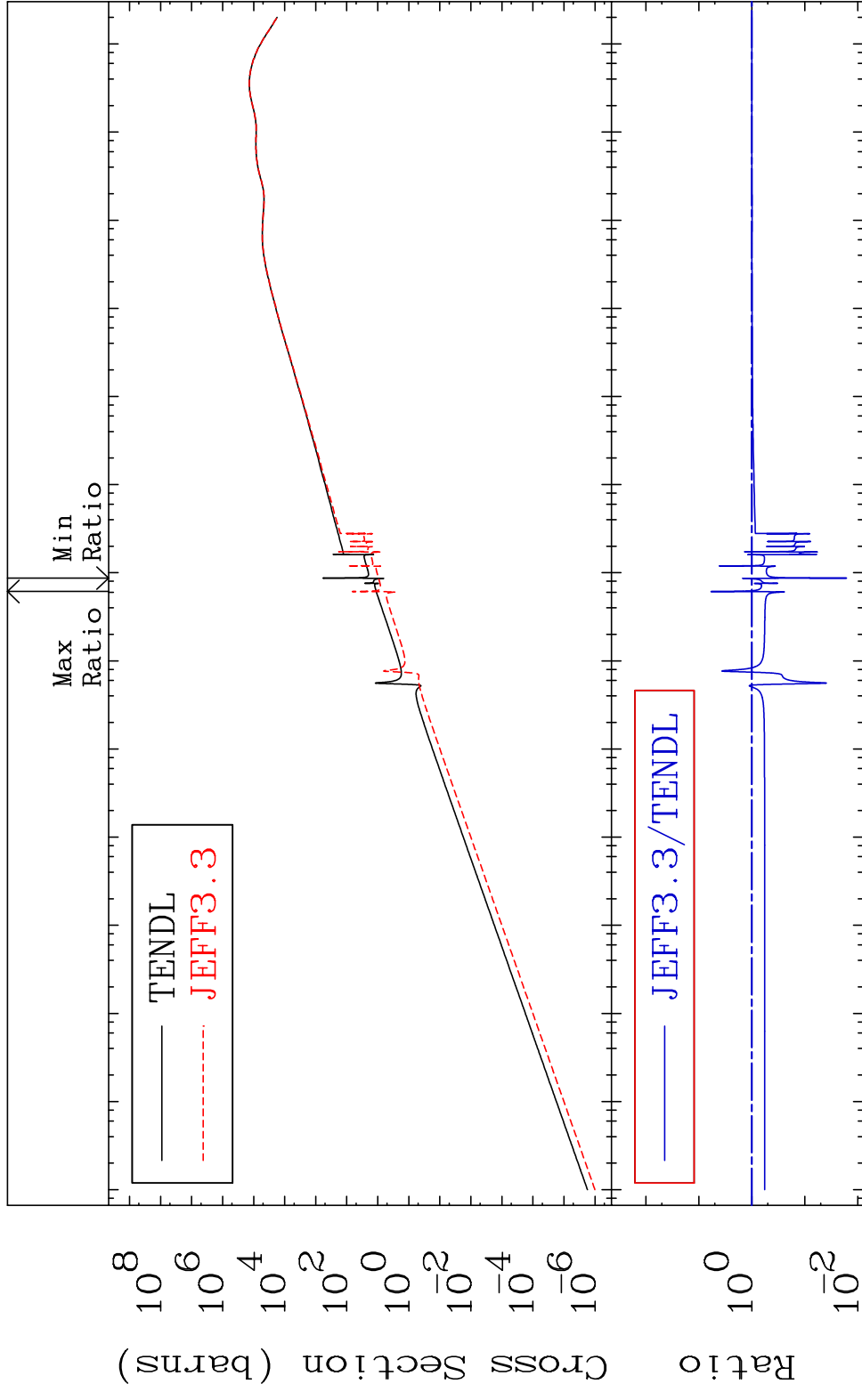


Ratio
 10³
 10⁰
 10⁻³
 10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸
 Incident Energy (eV) 33-As-73

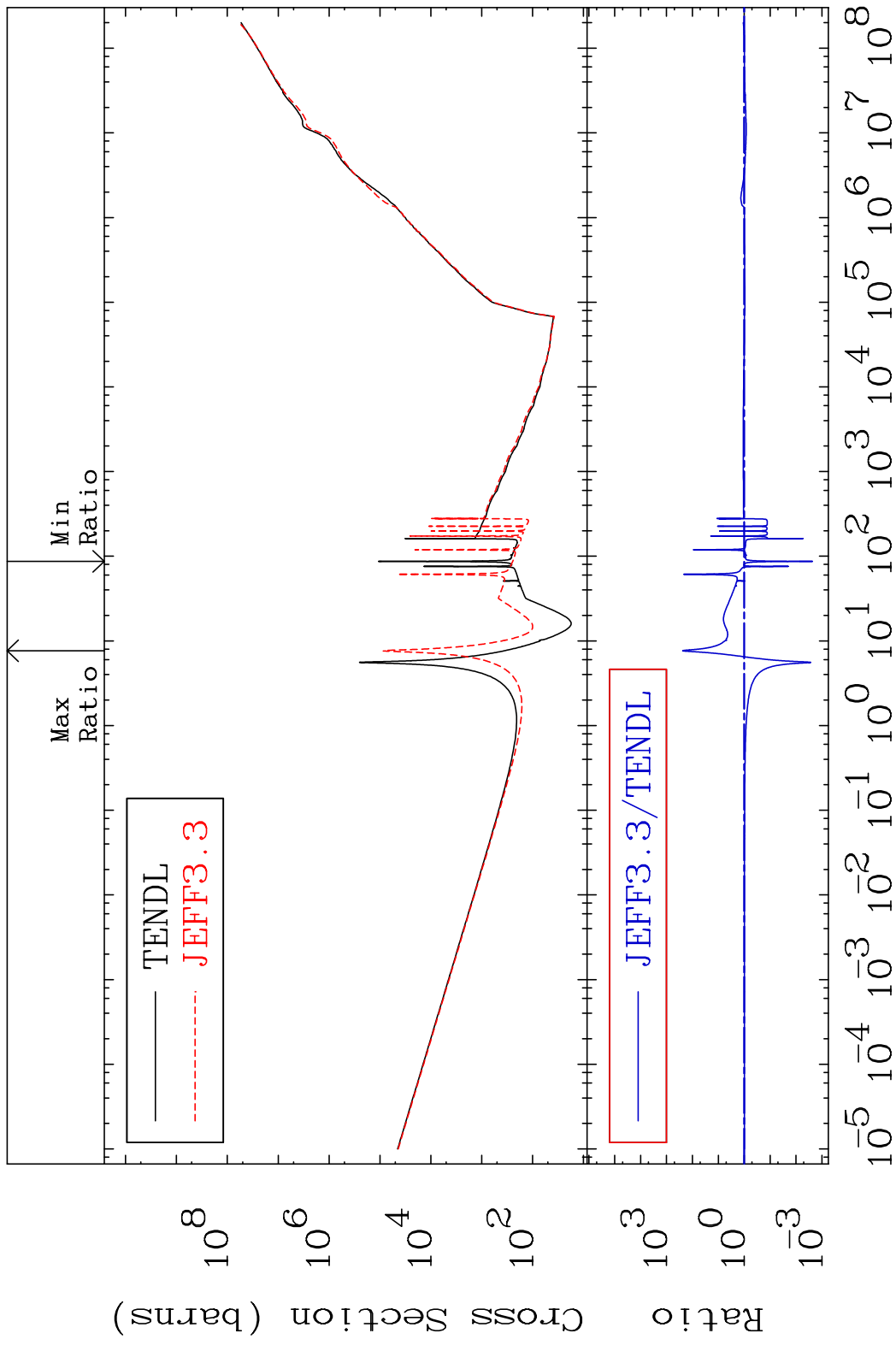
MAT 3319

Kerma elastic
Cross Section

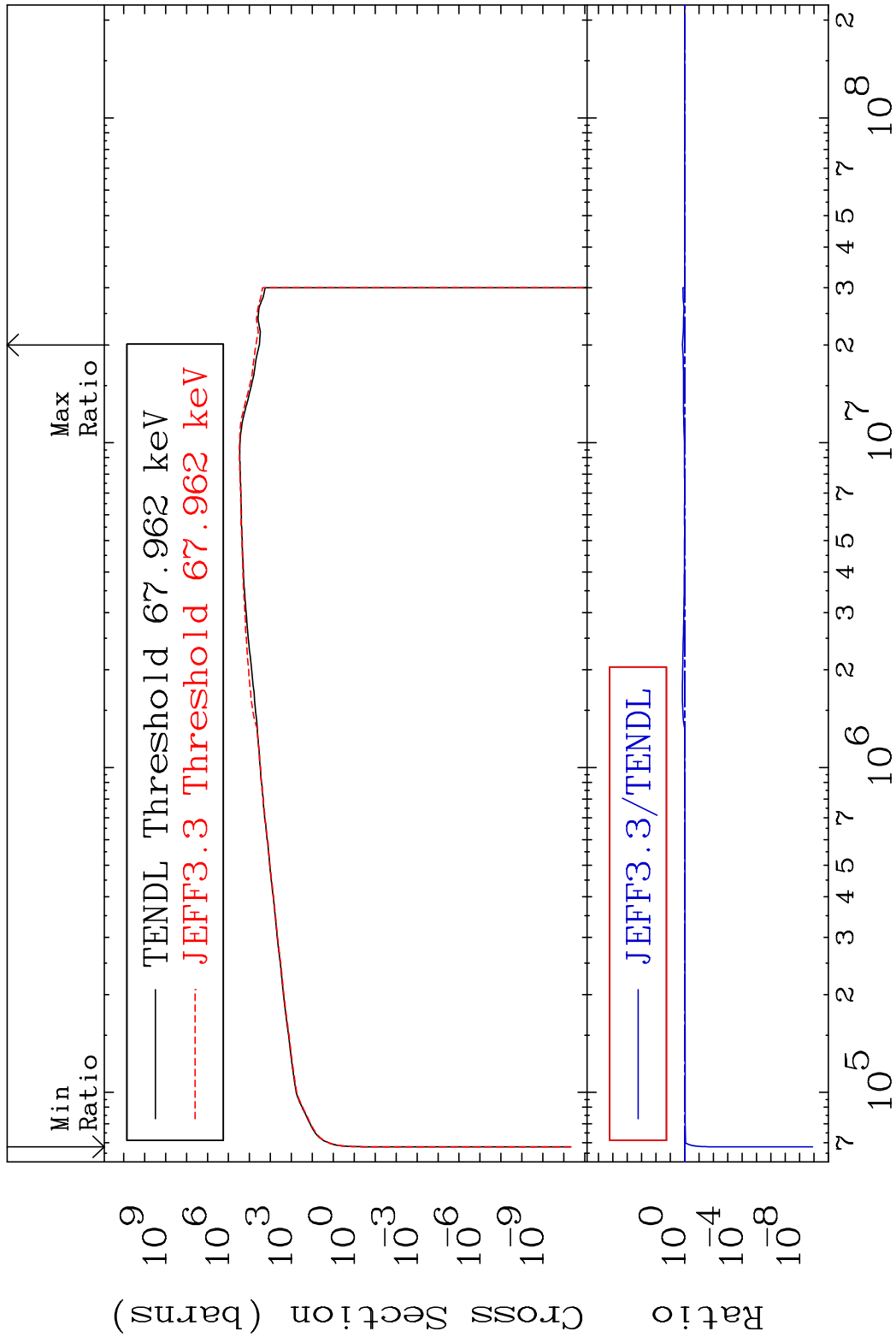
33-As-73
-98.36 To 496.4 %



MAT 3319 Kerma non-elastic (all but mt2) 33-As-73
 Cross Section -99.77 To 9999. %

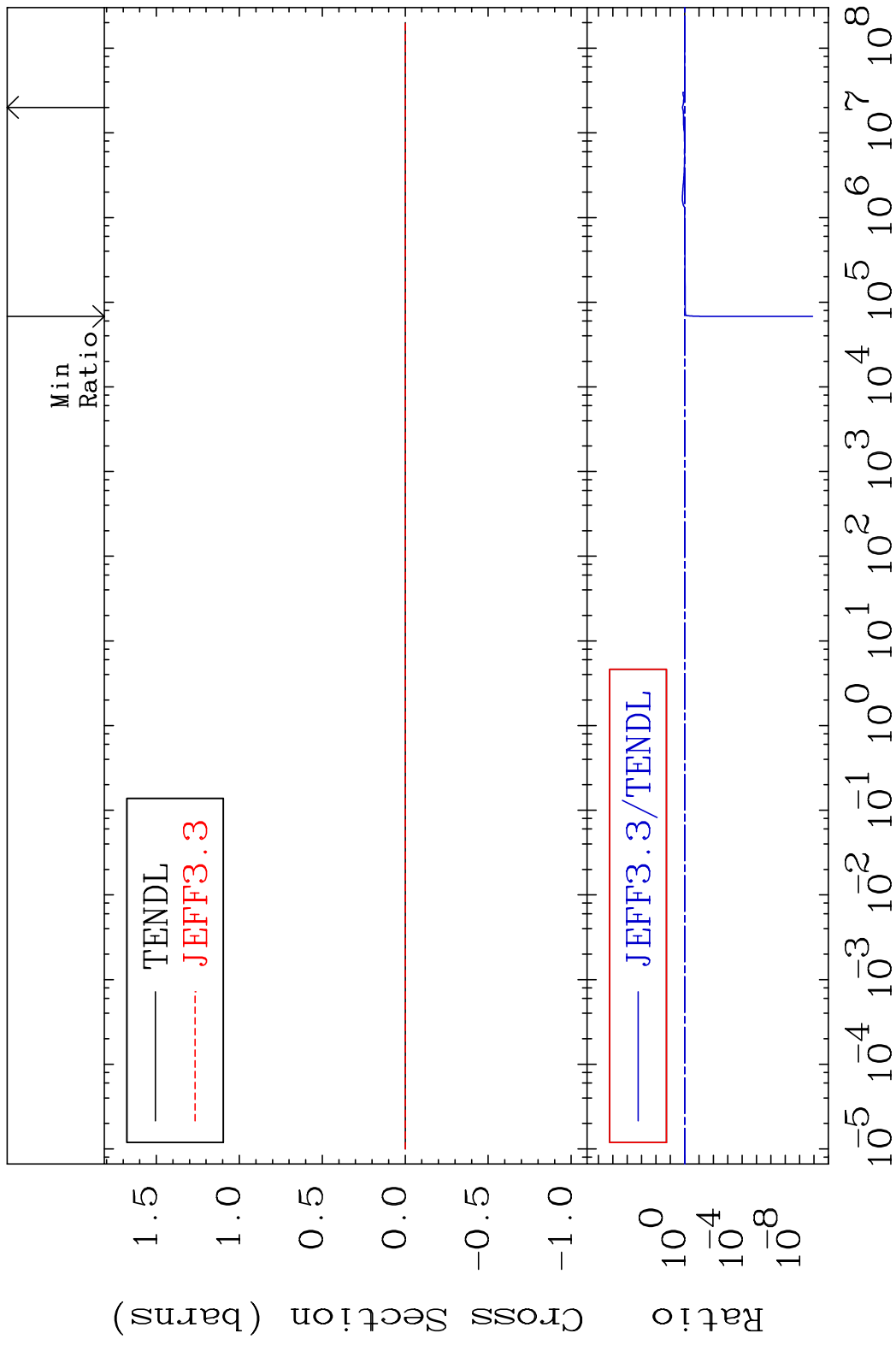


MAT 3319 Kerma inelastic (mt51-91) 33-As-73
 Cross Section -100.0 To 45.71 %



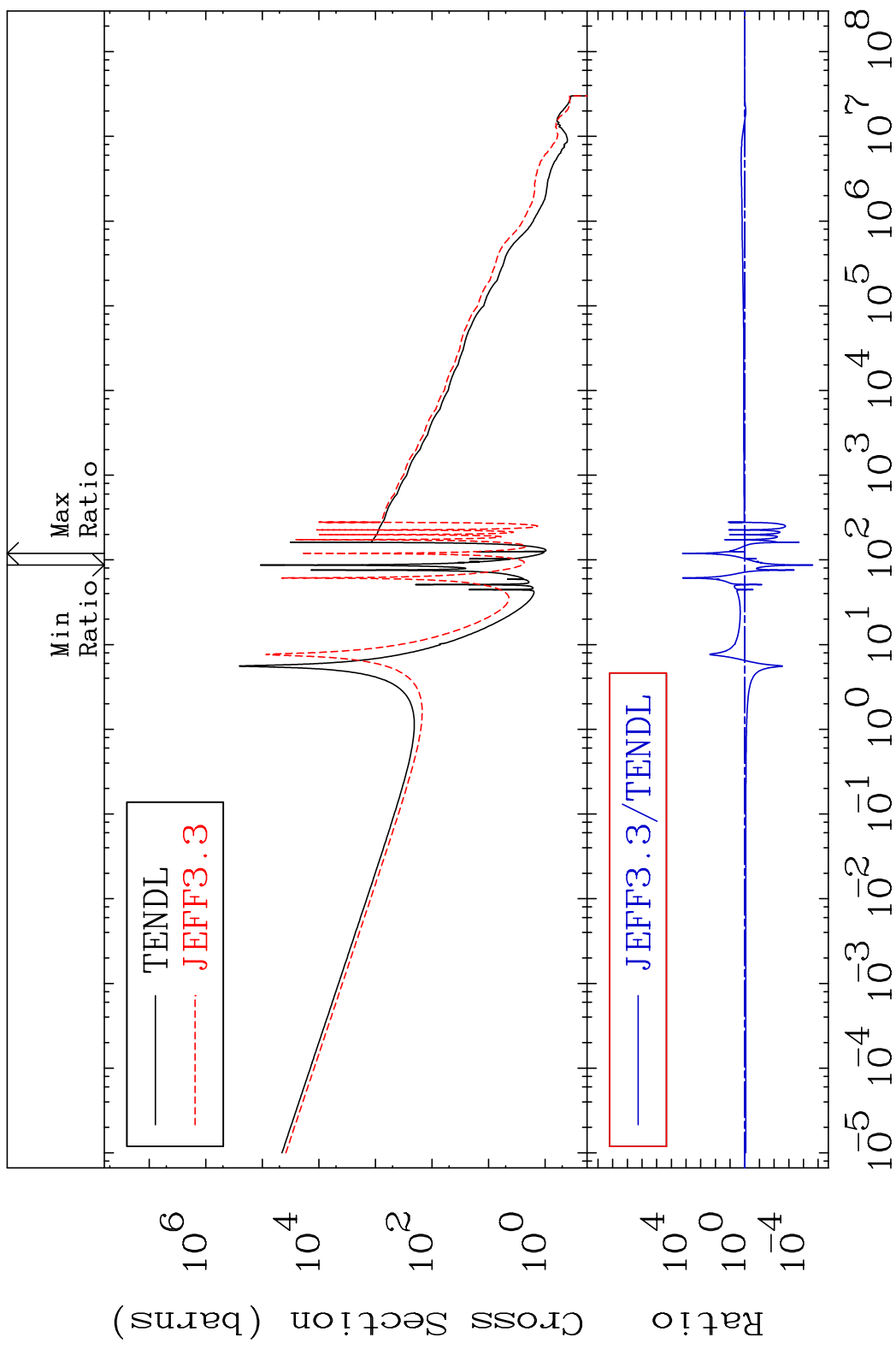
70 Incident Energy (eV) 33-As-73

MAT 3319 Kerma fission (mt18 or mt19-20-21-38) 33-As-73
 Cross Section -100.0 To 45.71 %



MAT 3319

Kerma capture (mt102) 33-As-73
Cross Section -100.0 To 9999. %



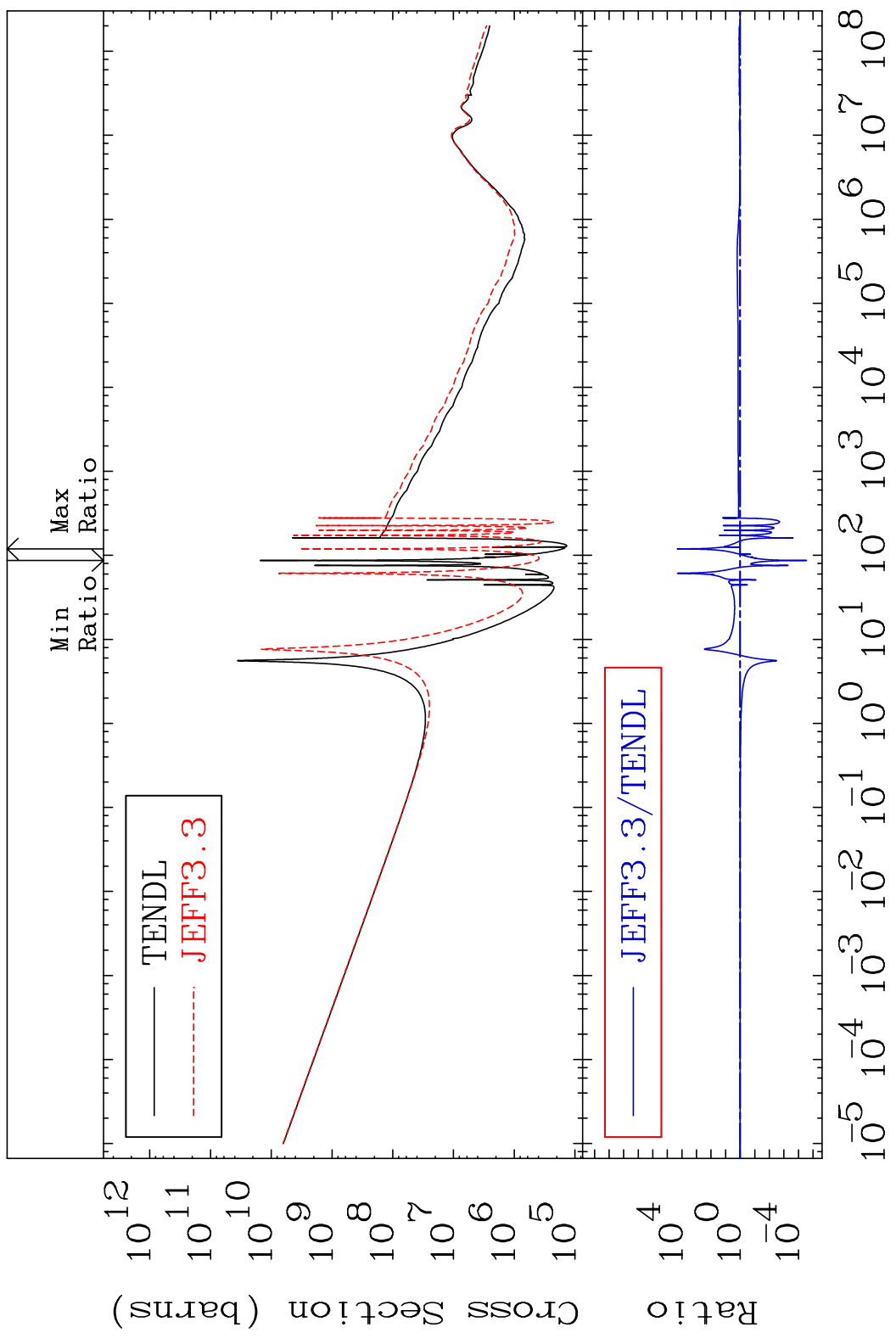
72

Incident Energy (eV)

33-As-73

MAT 3319

Total photon (eV-barns) 33-As-73
Cross Section -100.0 To 9999. %

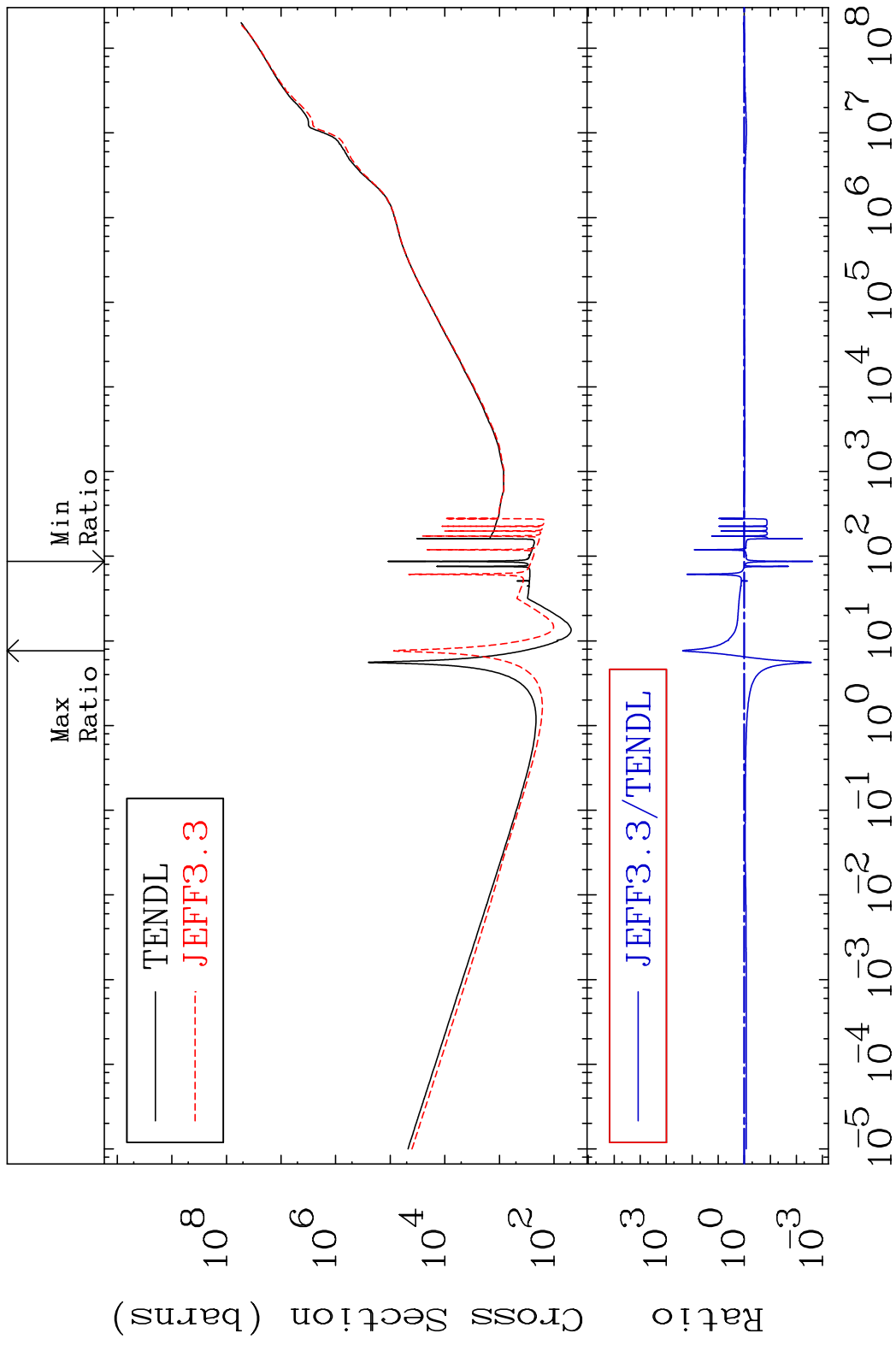


73

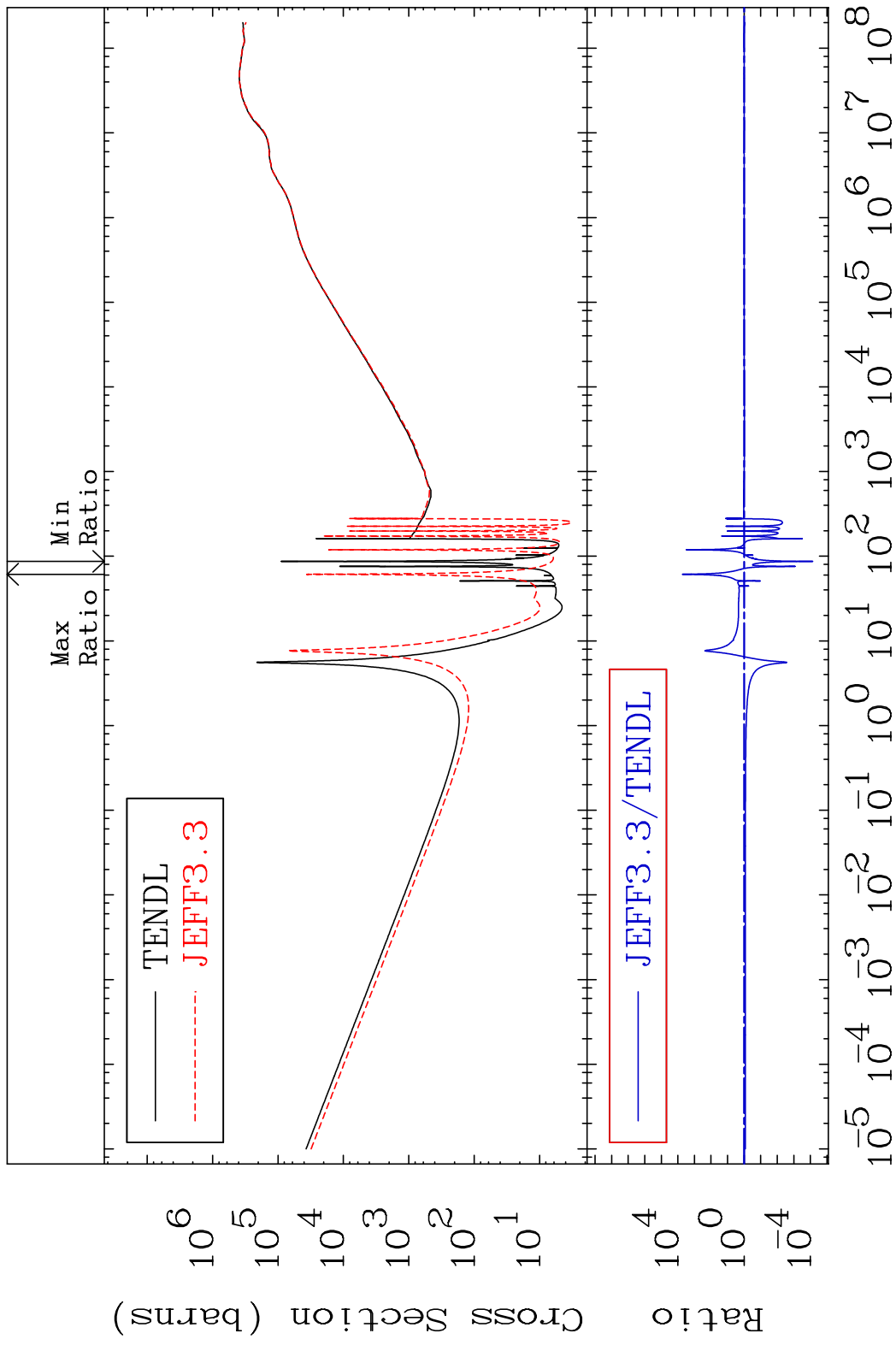
Incident Energy (eV)

33-As-73

MAT 3319 Total kinematic kerma (high limit) 33-As-73
 Cross Section -99.76 To 9999. %



MAT 3319 Dpa total (eV-barns) 33-As-73
 Cross Section -99.99 To 9999. %



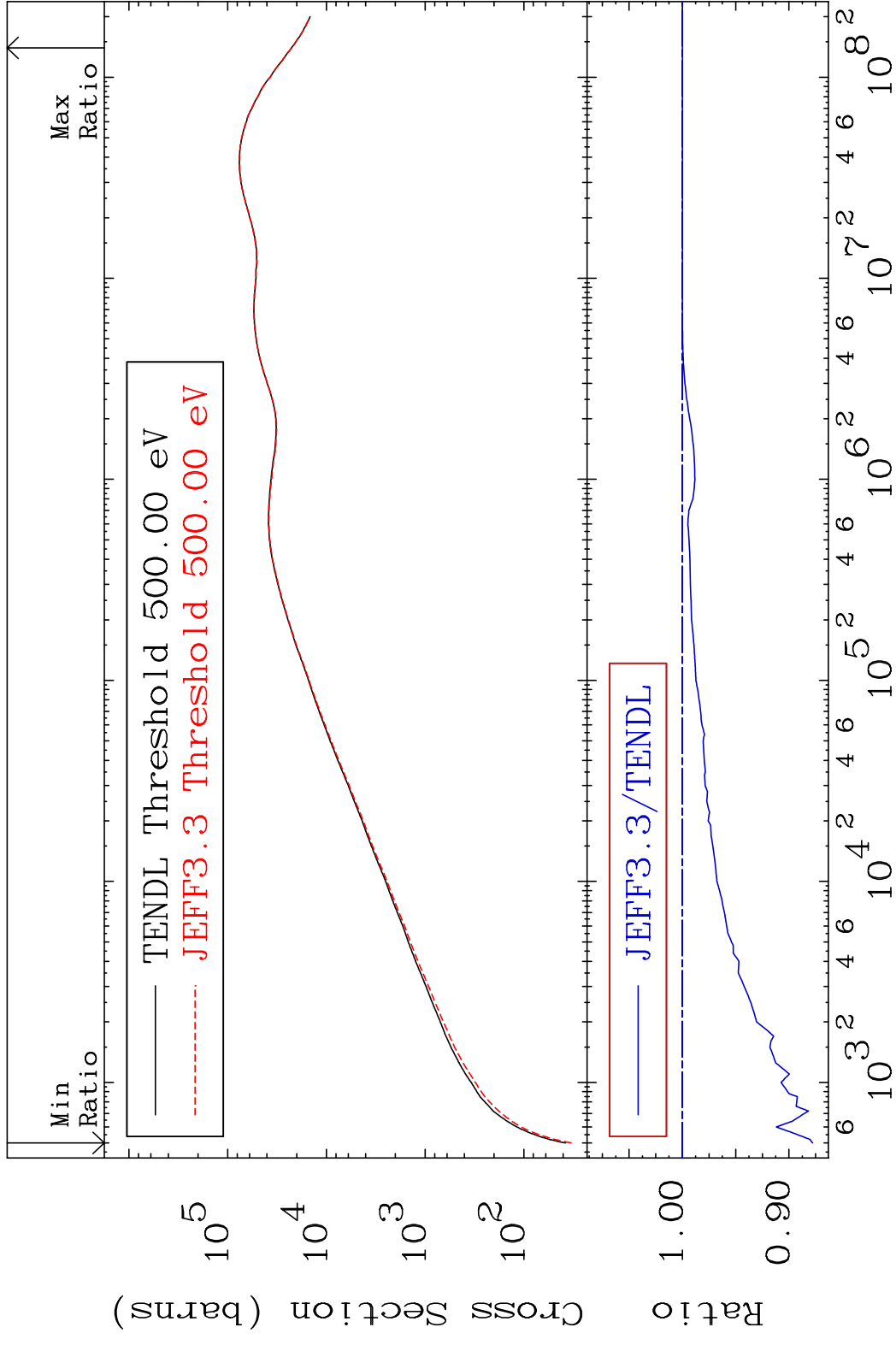
75 Incident Energy (eV) 33-As-73

MAT 3319

Dpa elastic (mt2)

33-As-73

Cross Section -12.21 To 0.002 %

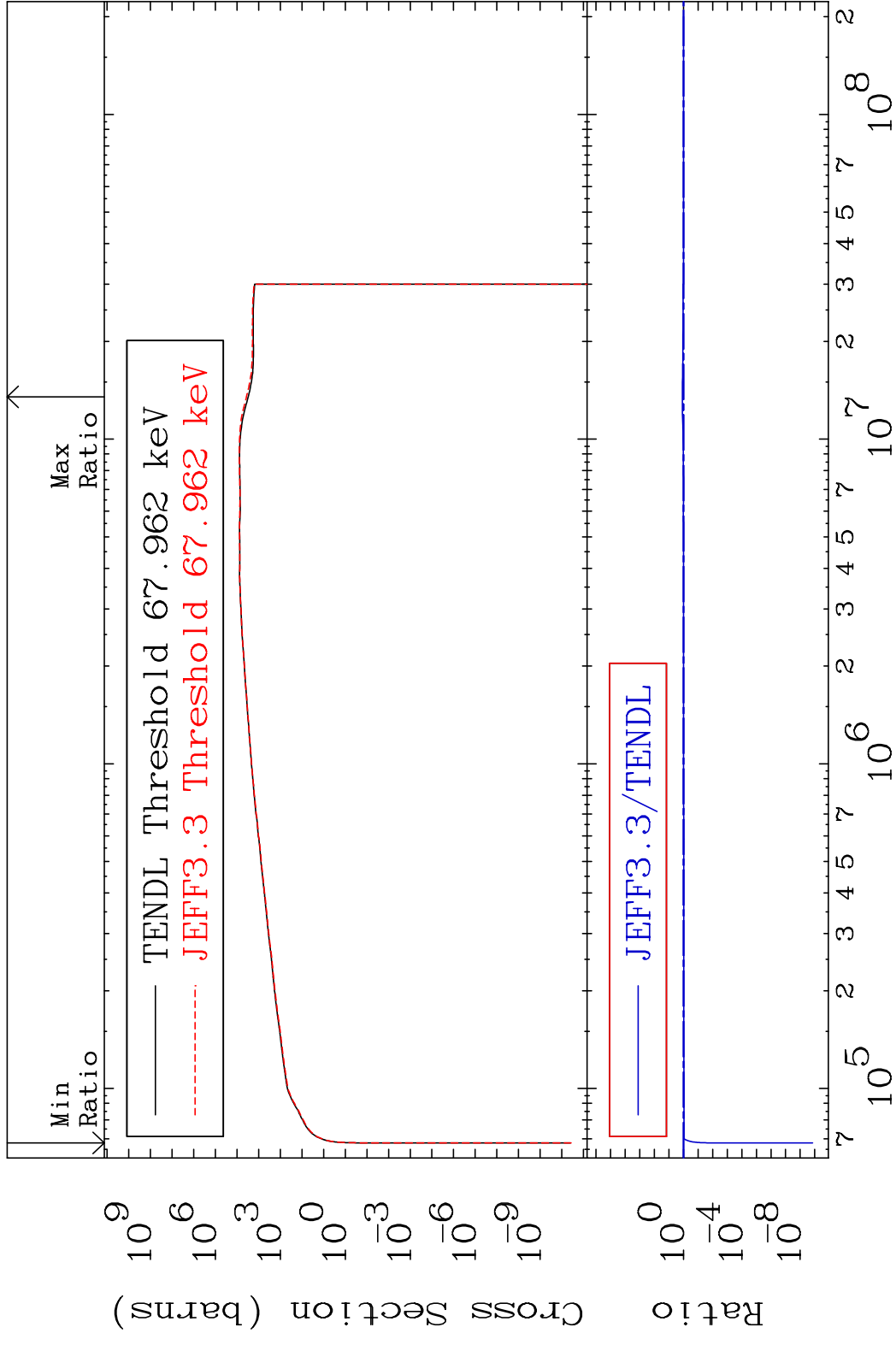


76

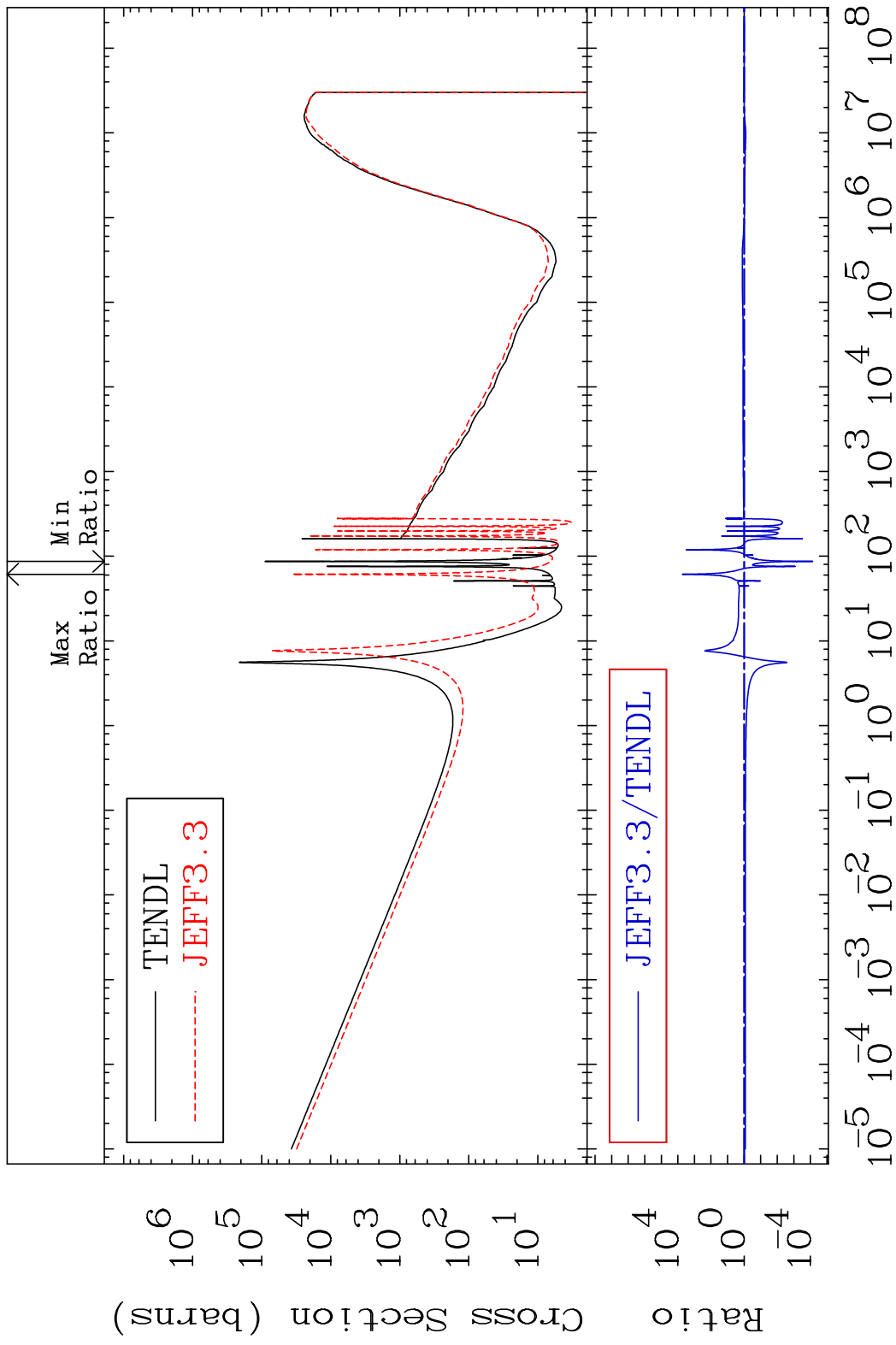
Incident Energy (eV)

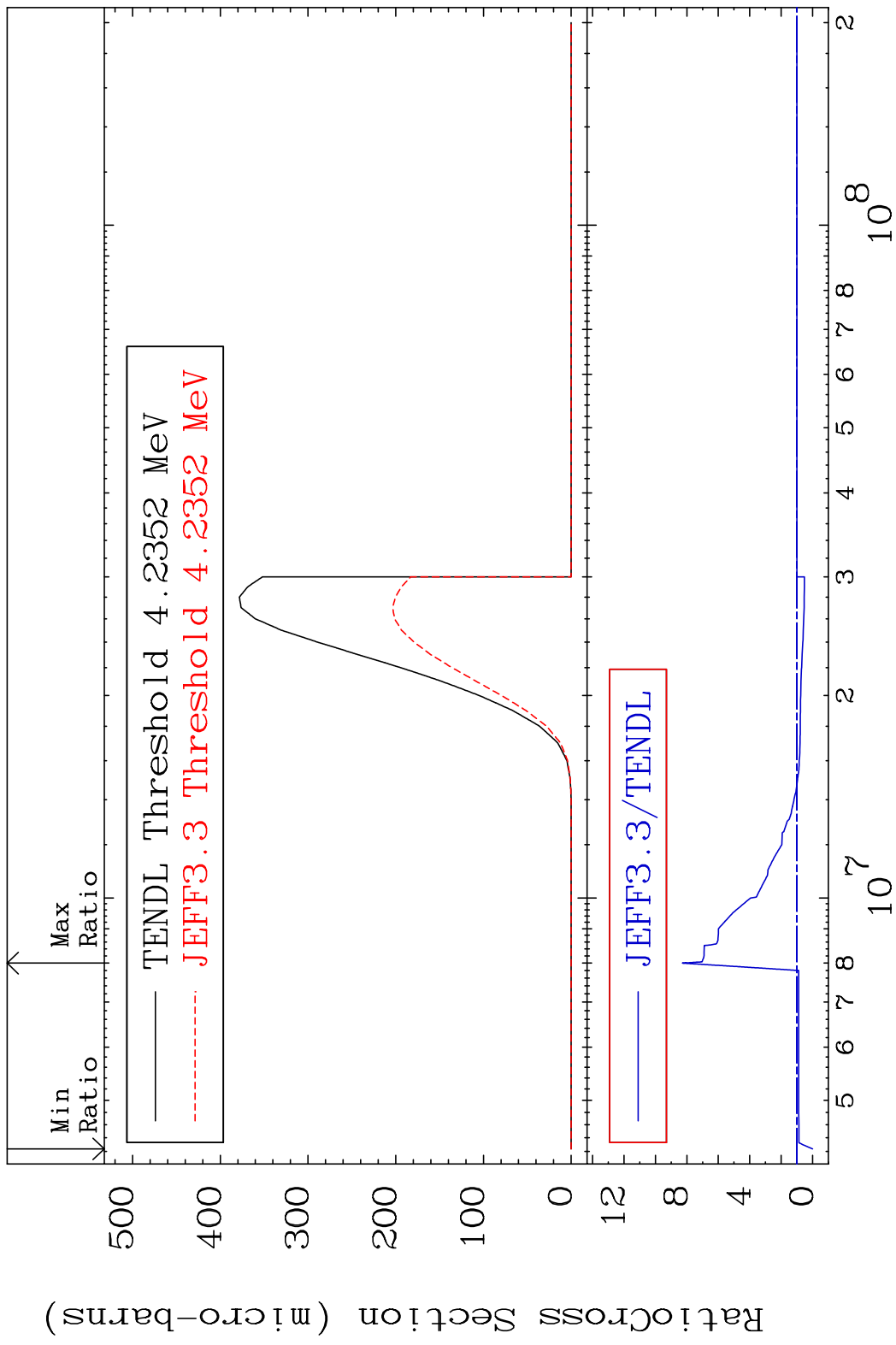
33-As-73

MAT 3319 Dpa inelastic (mt51-91) 33-As-73
 Cross Section -100.0 To 20.30 %

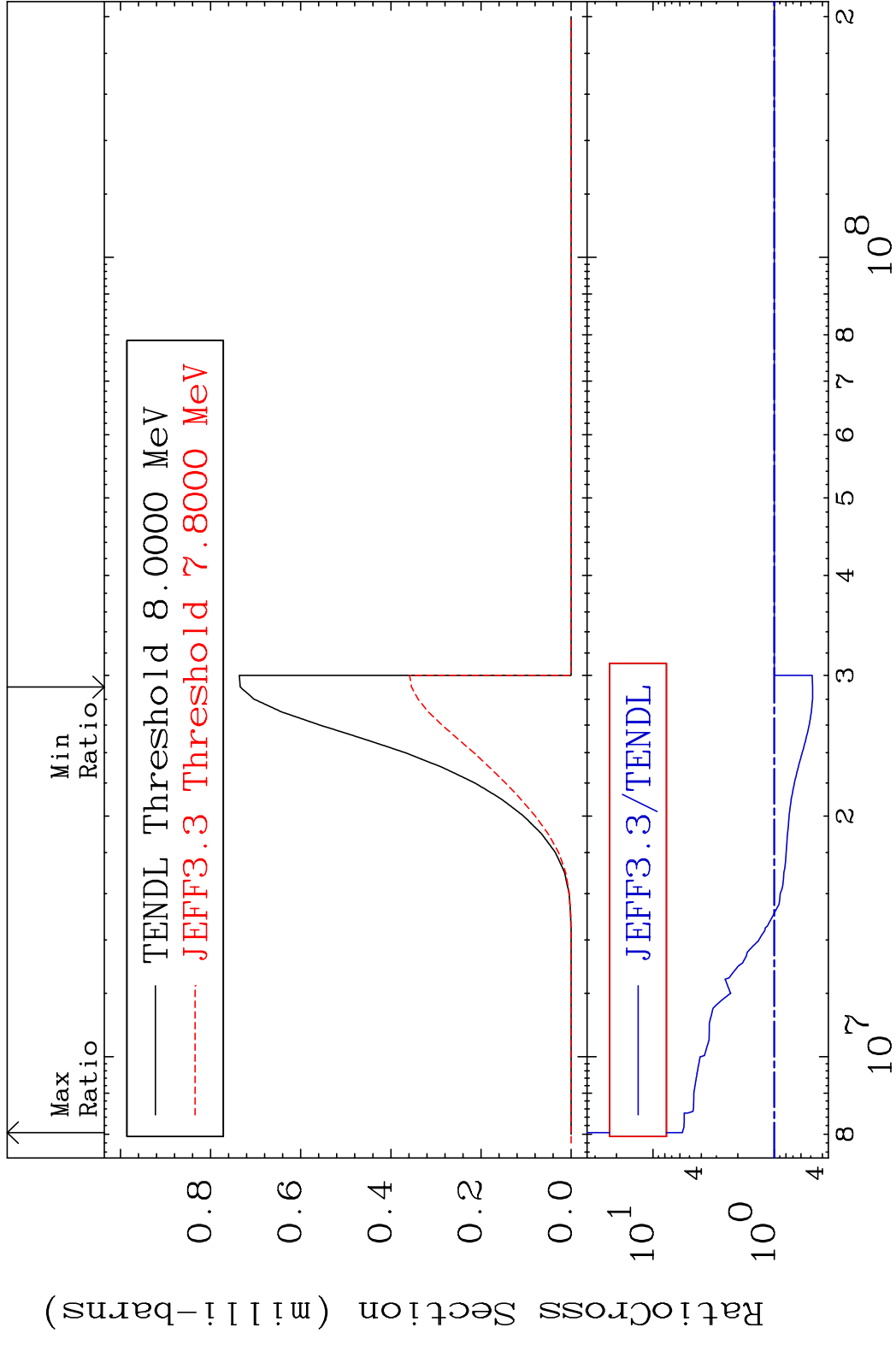


MAT 3319 Dpa disappearance (mt102 -120) 33-As-73
 Cross Section -99.99 To 9999. %





MAT 3319 (n,p) α :30-Zn-69m1 33-As-73
 Radionuclide Production Cross Section 472.3 %



80 Incident Energy (eV) 33-As-73