

Program Complot
(Version 2021-1)

by

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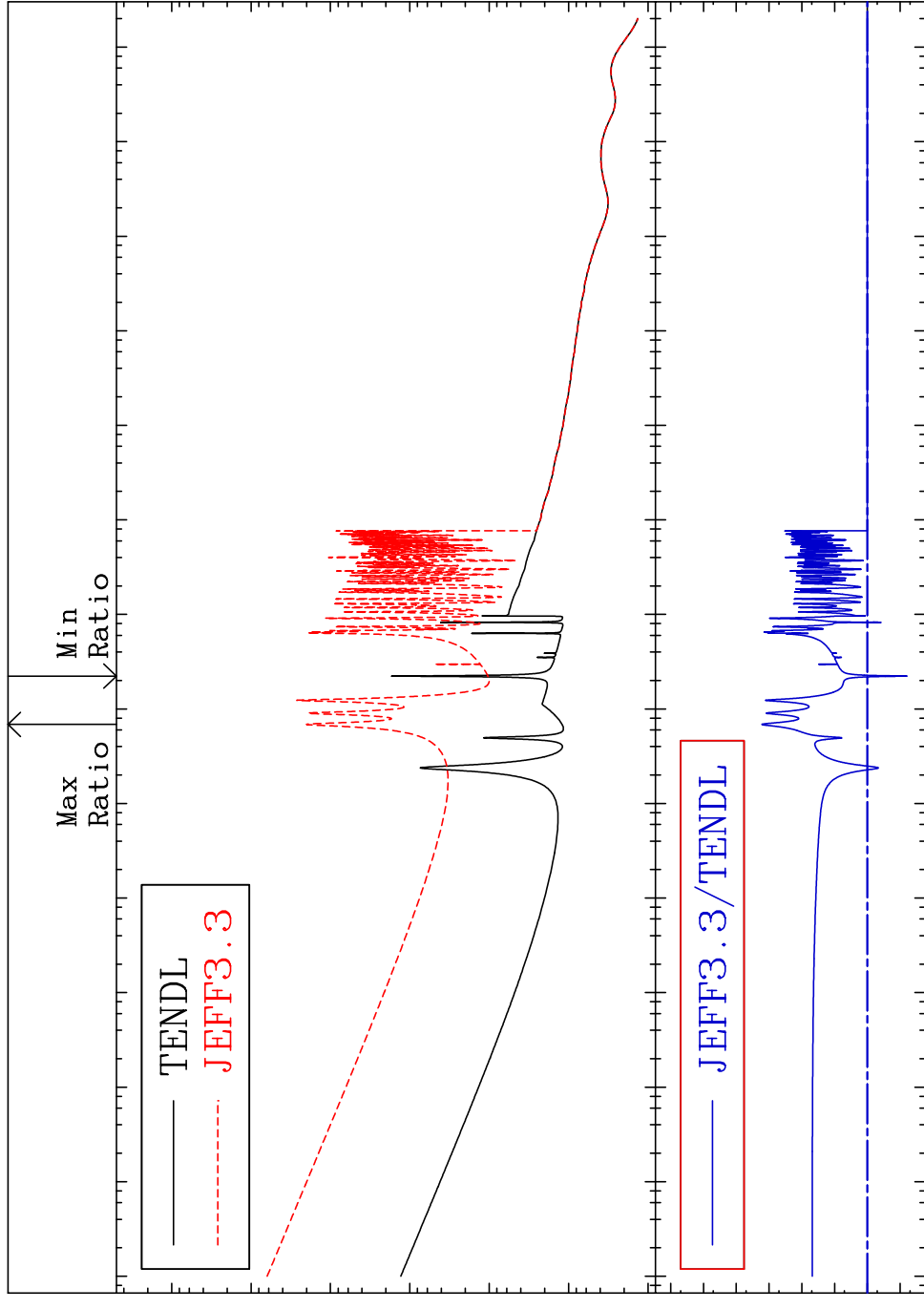
Press Mouse Button to Start

MAT 3322

33-As-74

Total

Cross Section -93.89 To 9999. %



10⁶
10⁵
10⁴
10³
10²
10¹
10⁰
Ratio
Cross Section (barns)

10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

1

Incident Energy (eV)

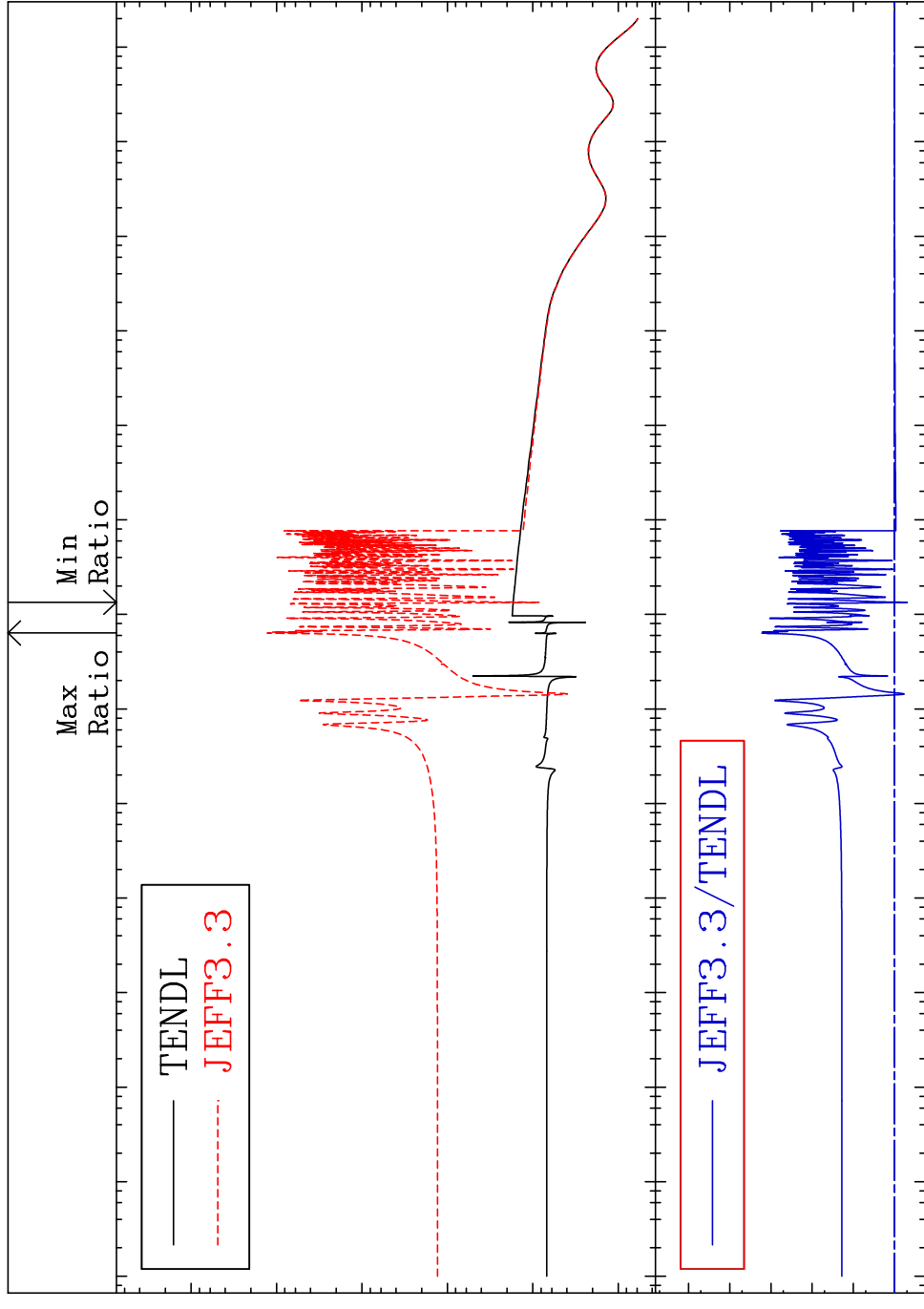
33-As-74

MAT 3322

Elastic

33-As-74

Cross Section -50.41 To 9999. %



10⁵ 10⁴ 10³ 10² 10¹ 10⁰ 10⁻¹ 10⁻² 10⁻³ 10⁻⁴ 10⁻⁵

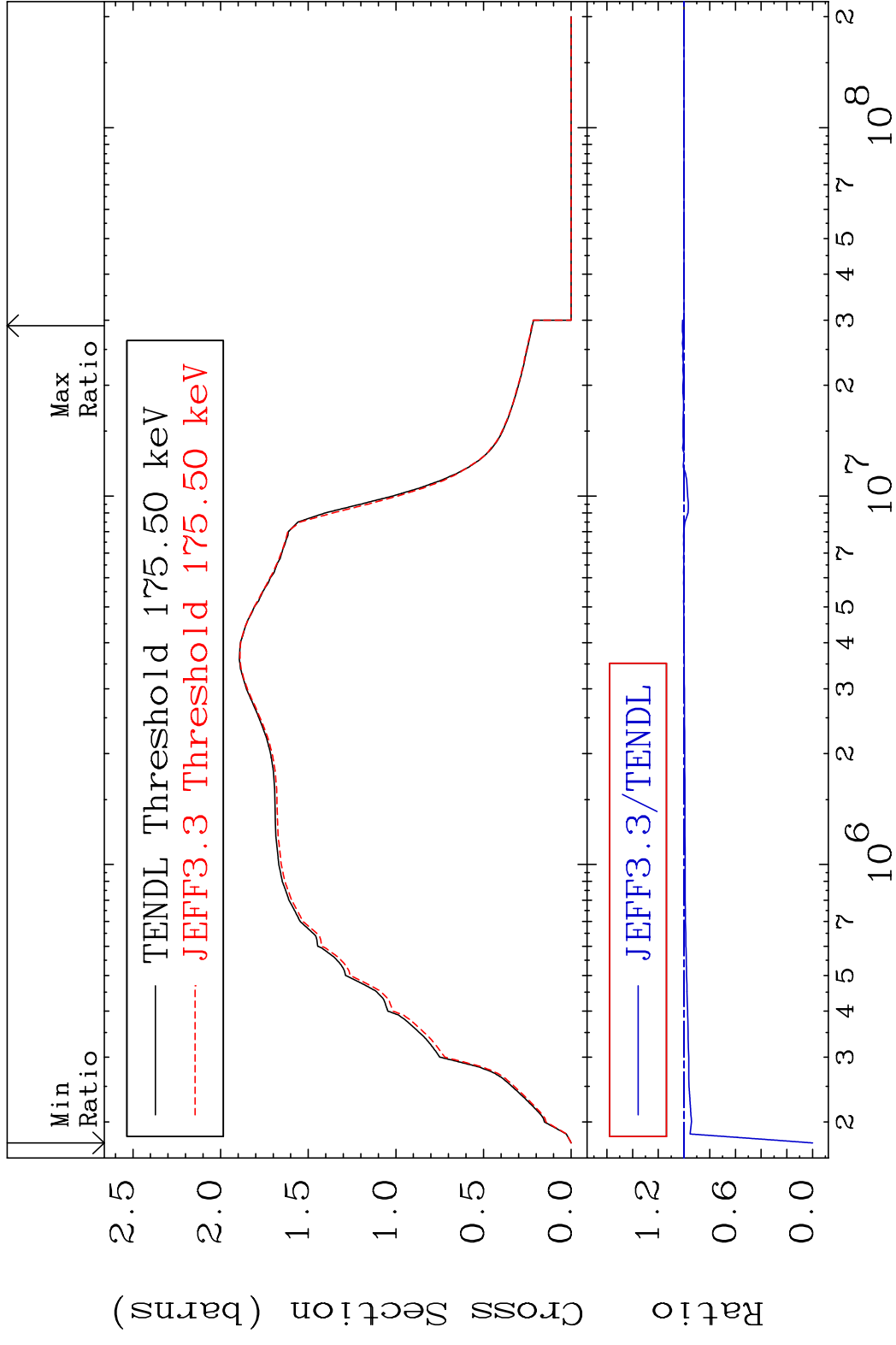
10⁸ 10⁷ 10⁶ 10⁵ 10⁴ 10³ 10² 10¹ 10⁰ 10⁻¹ 10⁻² 10⁻³ 10⁻⁴ 10⁻⁵

2

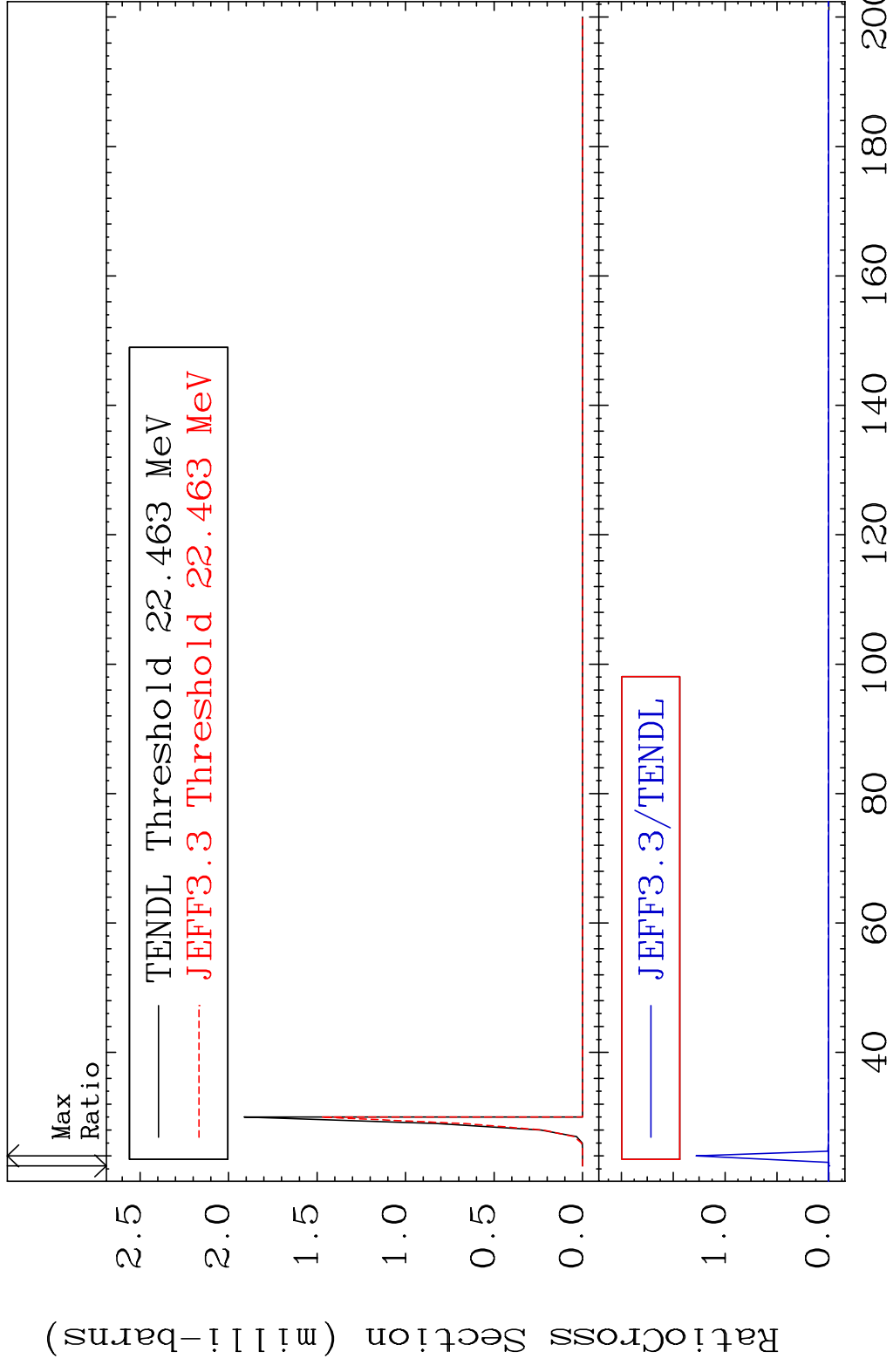
Incident Energy (eV)

33-As-74

MAT 3322 Inelastic 33-As-74
 Cross Section -100.0 To 1.281 %



MAT 3322 (n,2n) d 33-As-74
 Cross Section -100.0 To 9999. %

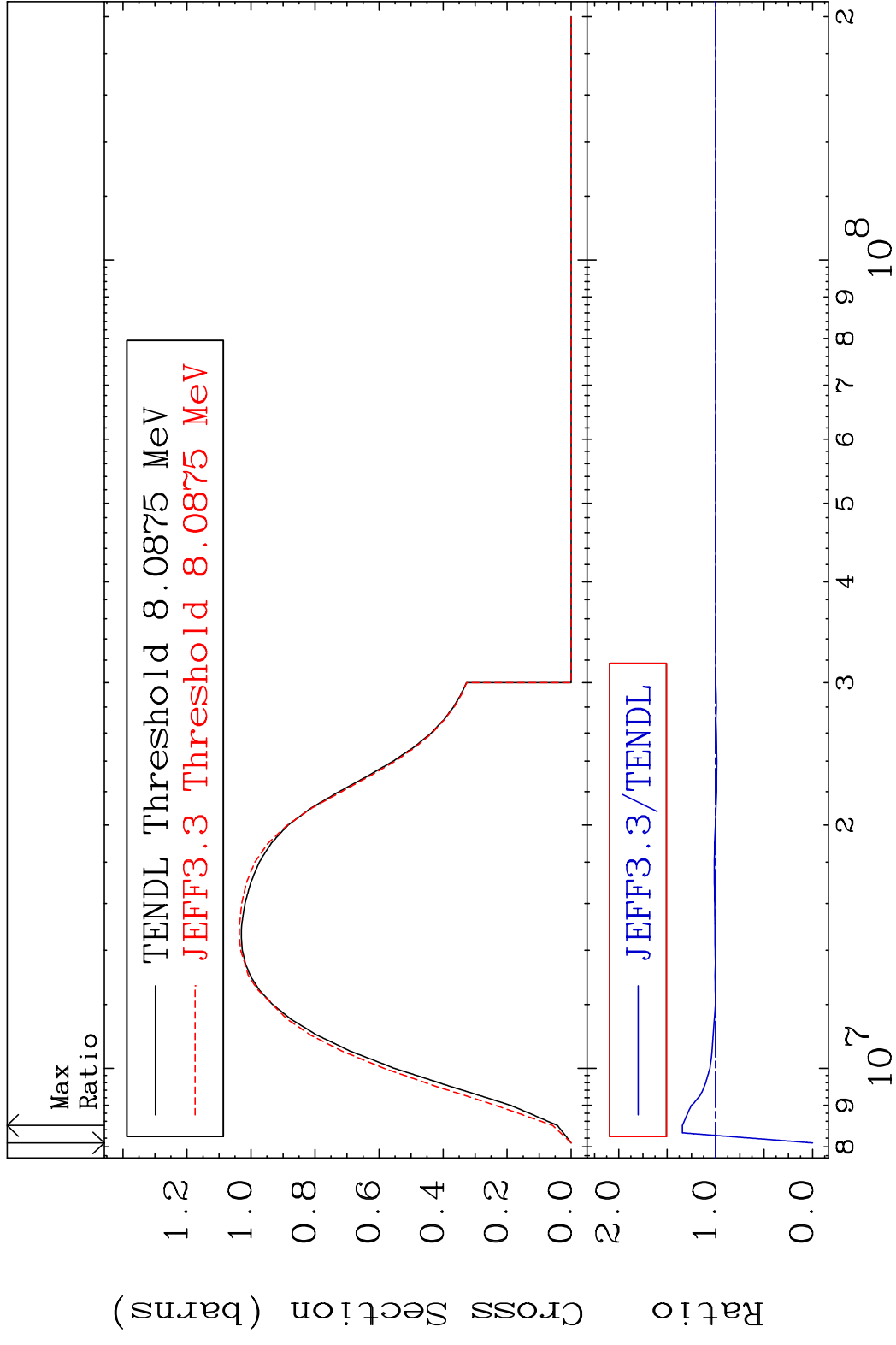


MAT 3322

(n,2n)

33-As-74

Cross Section -100.0 To 34.35 %



5

Incident Energy (eV)

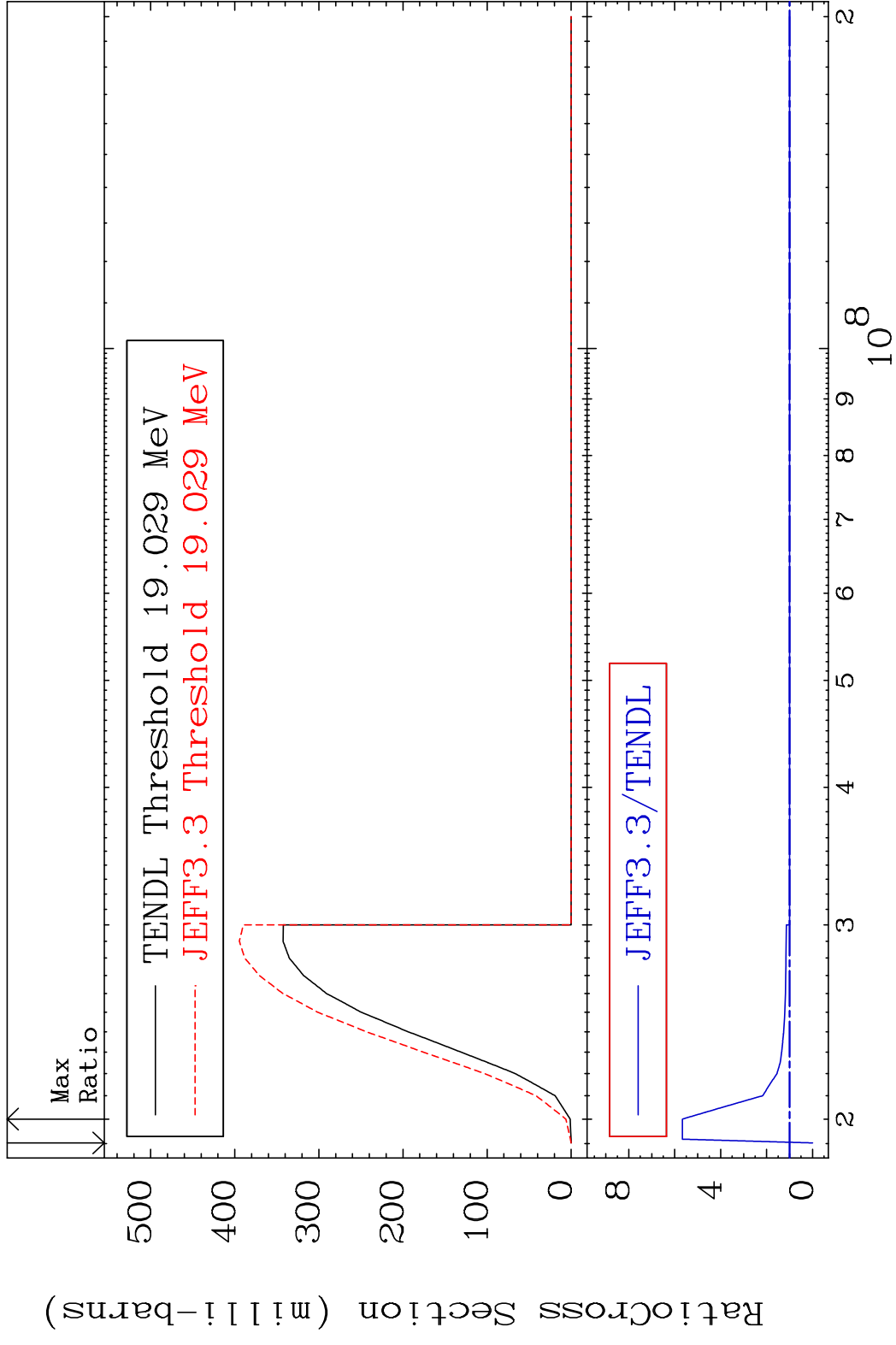
33-As-74

MAT 3322

(n,3n)

33-As-74

Cross Section -100.0 To 466.8 %

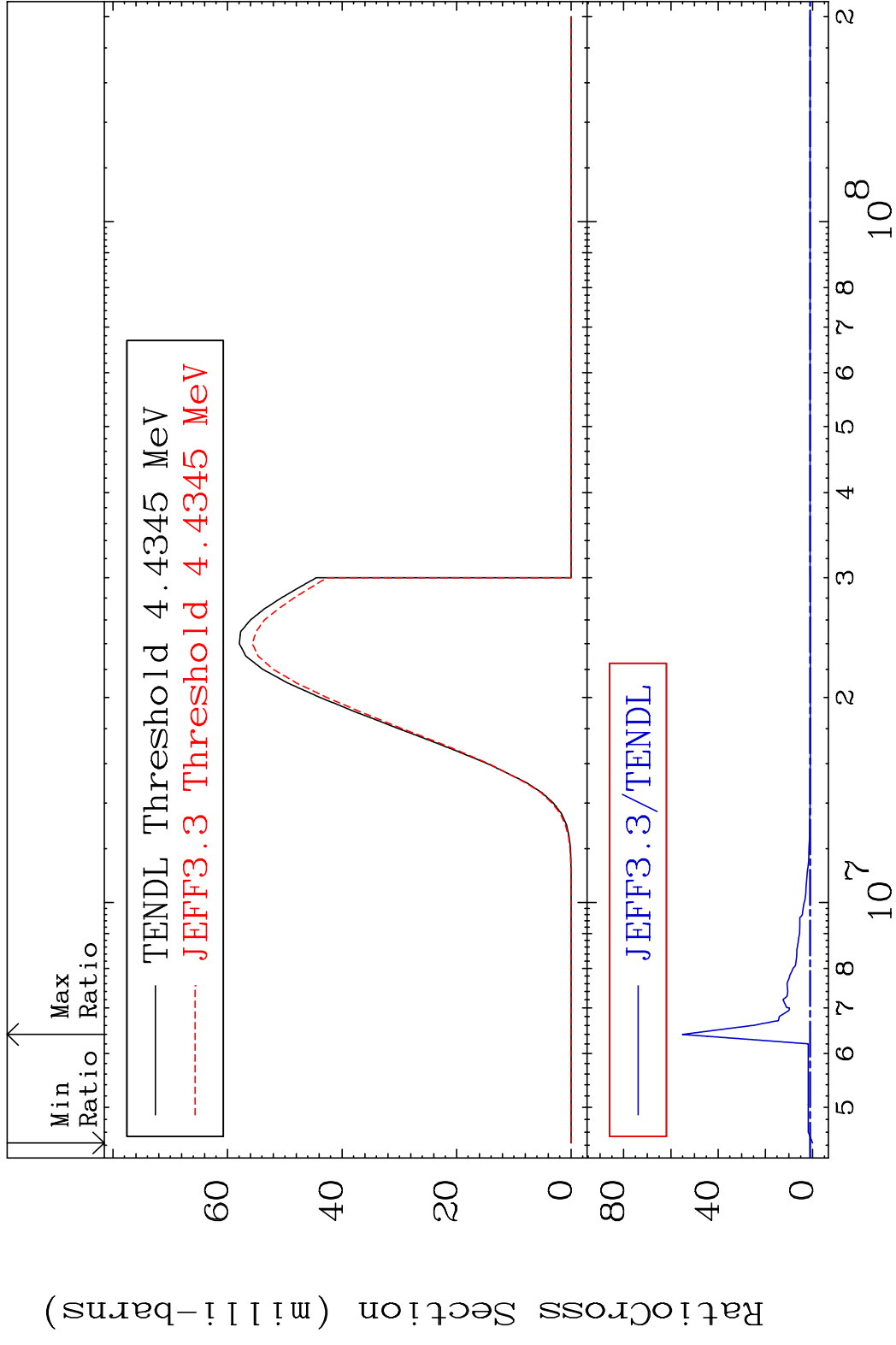


MAT 3322

(n, n') α

33-AS-74

Cross Section -100.0 To 5414. %



7

Incident Energy (eV)

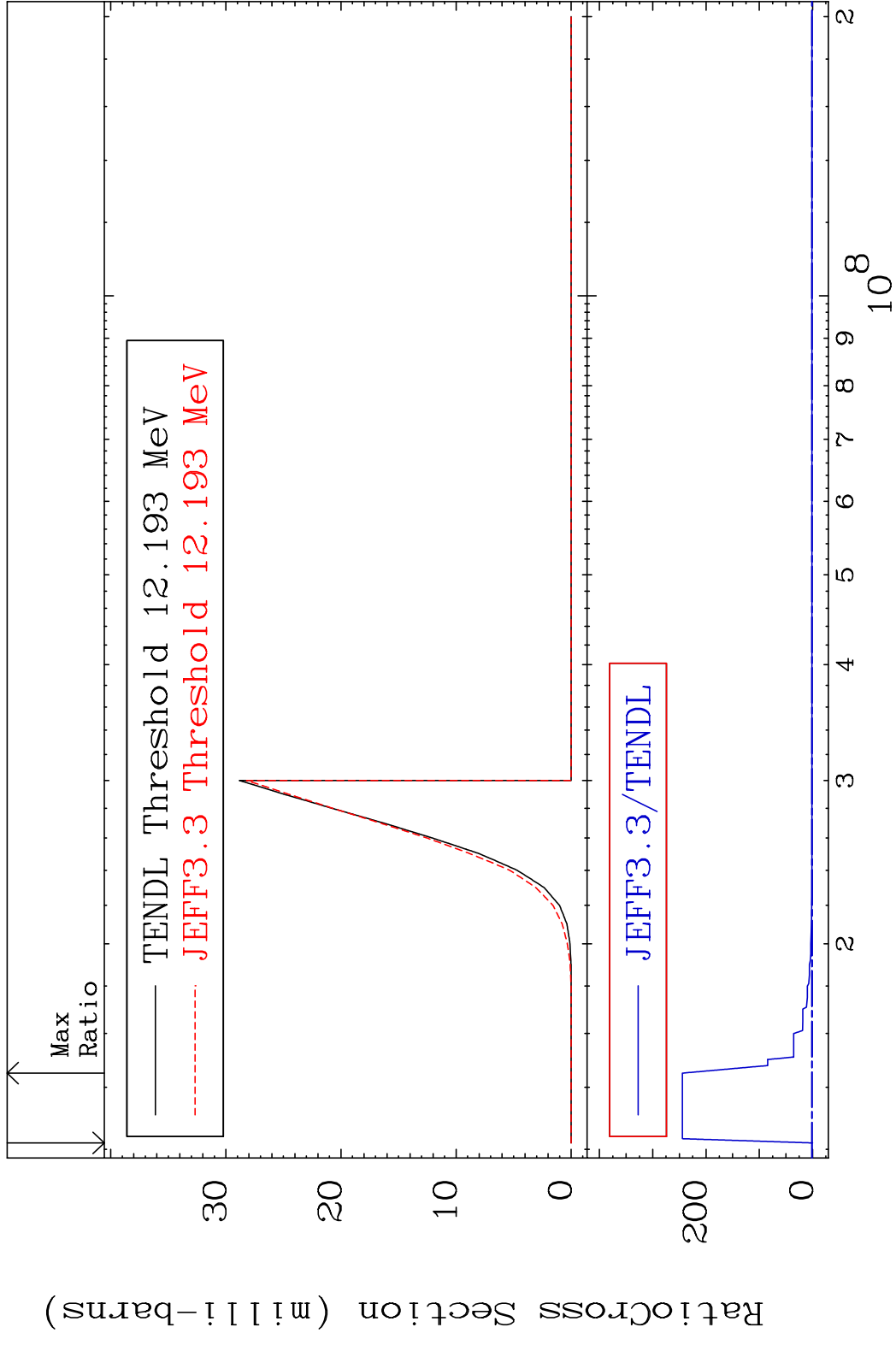
33-AS-74

MAT 3322

(n,2n) α

33-As-74

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

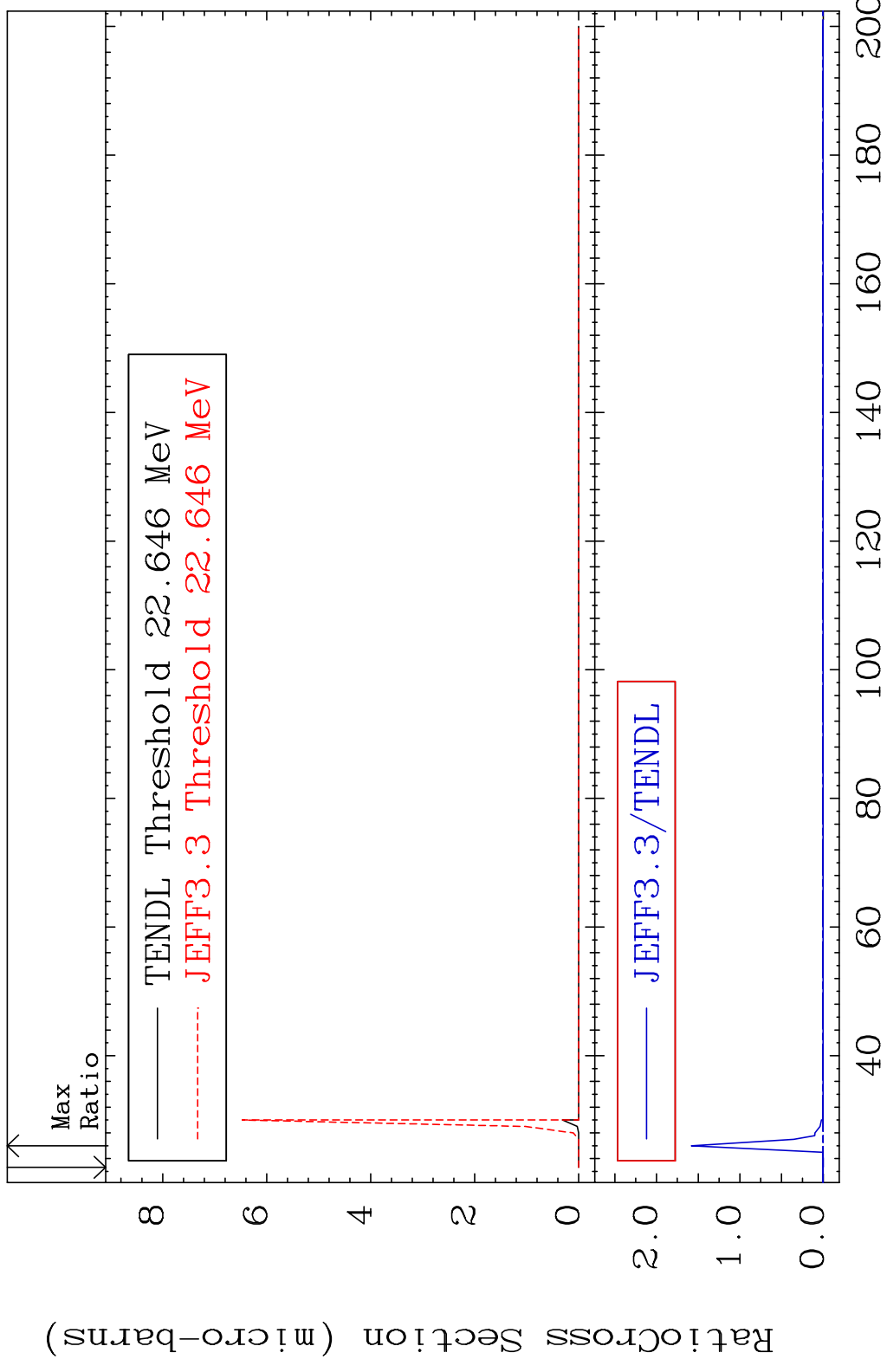
33-As-74

MAT 3322

(n,3n) α

33-As-74

Cross Section -100.0 To 9999. %

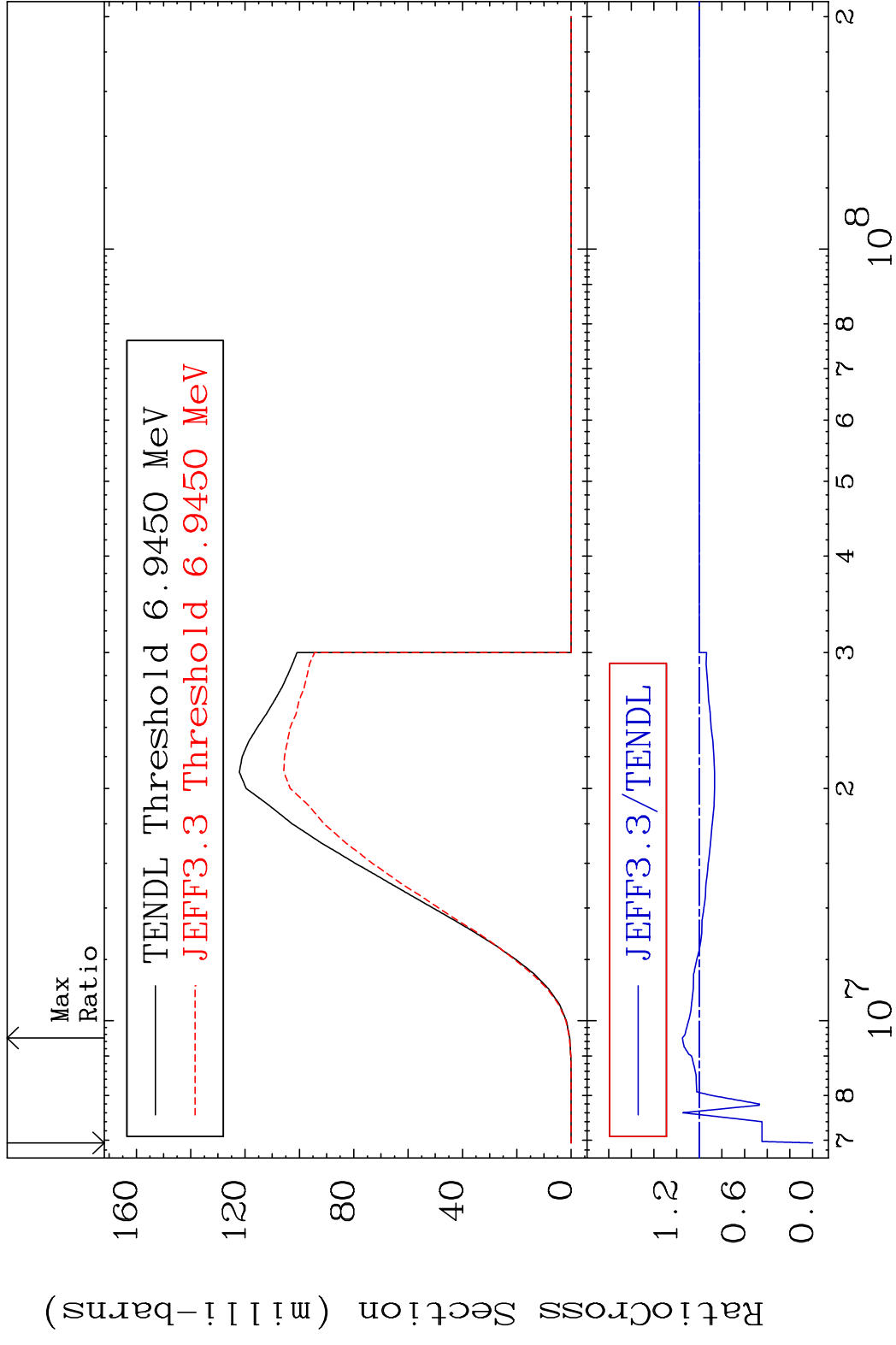


MAT 3322

(n, n') p

33-AS-74

Cross Section -100.0 To 14.94 %



10

Incident Energy (eV)

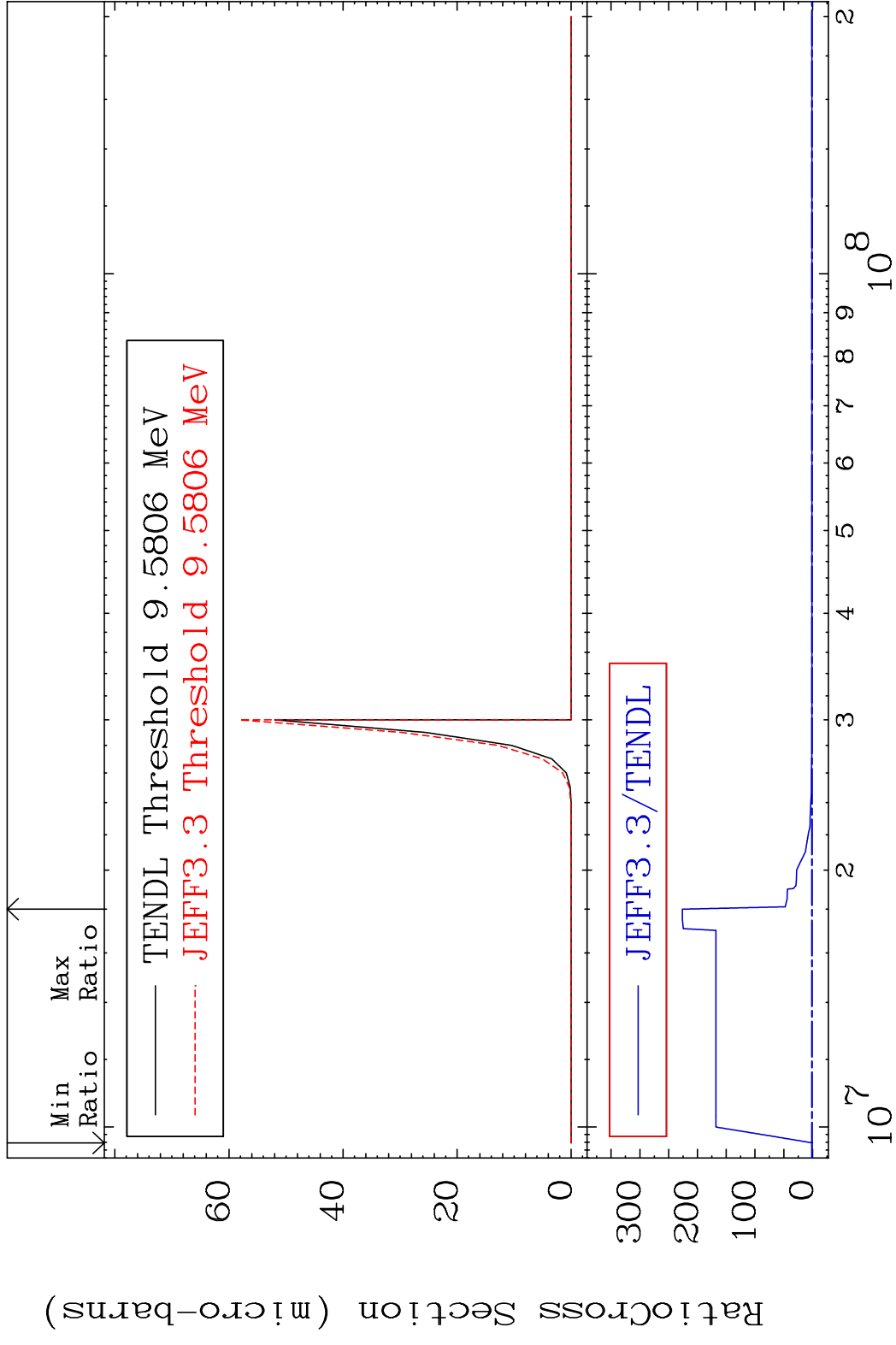
33-AS-74

MAT 3322

(n, n') 2α

33-As-74

Cross Section -100.0 To 9999. %



11

Incident Energy (eV)

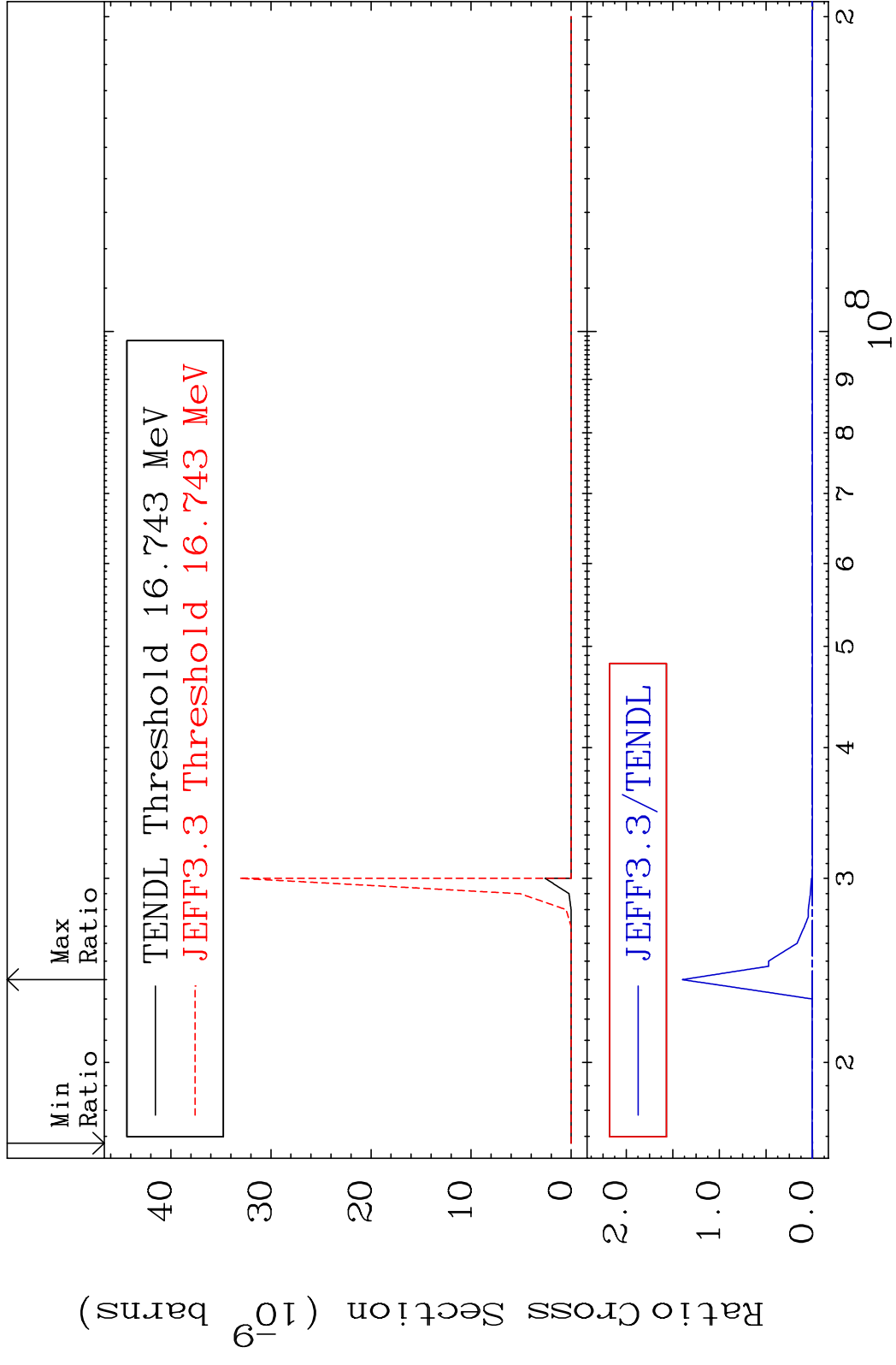
33-As-74

MAT 3322

(n,2n) 2α

33-As-74

Cross Section -100.0 To 9999. %

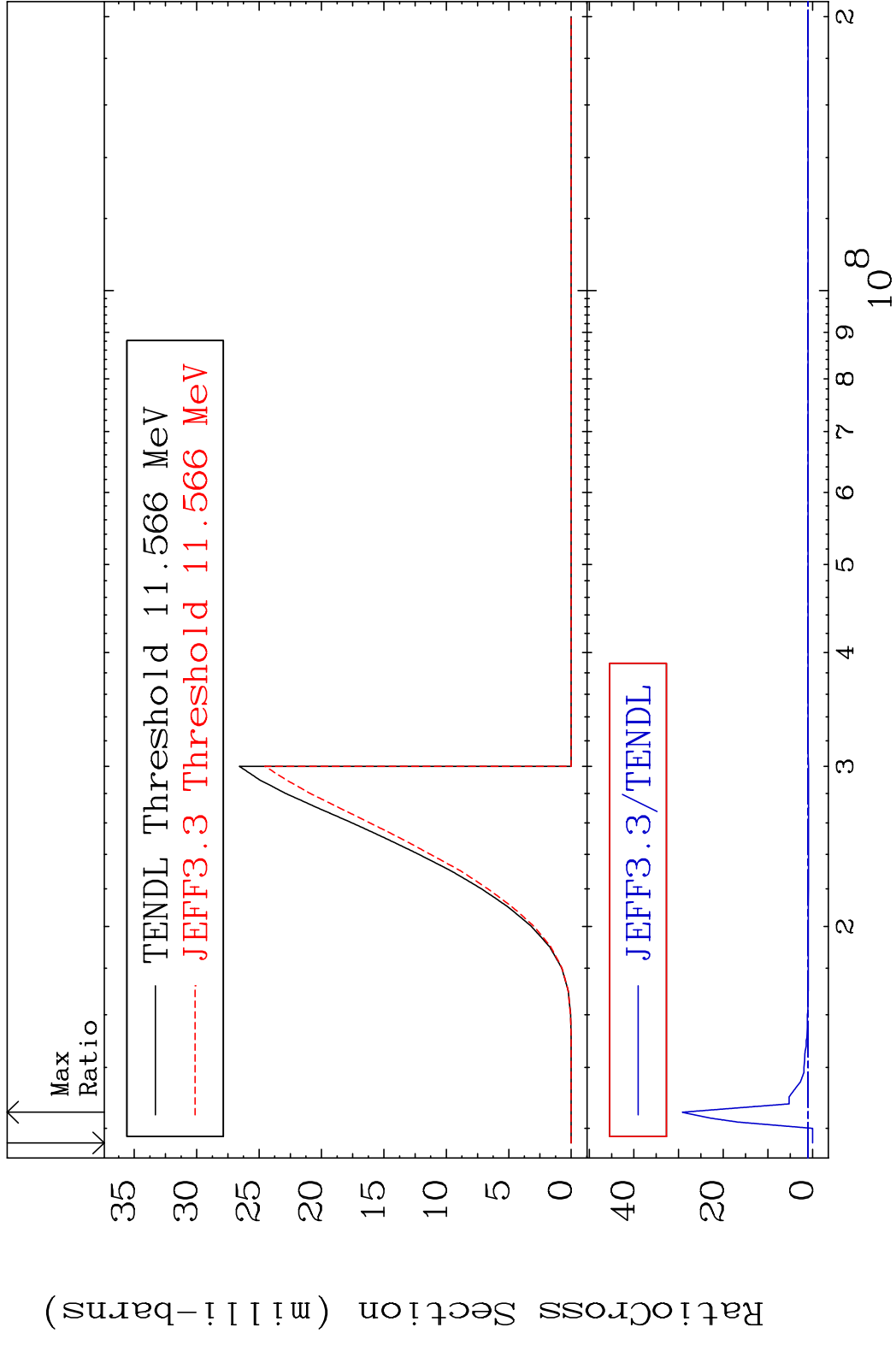


MAT 3322

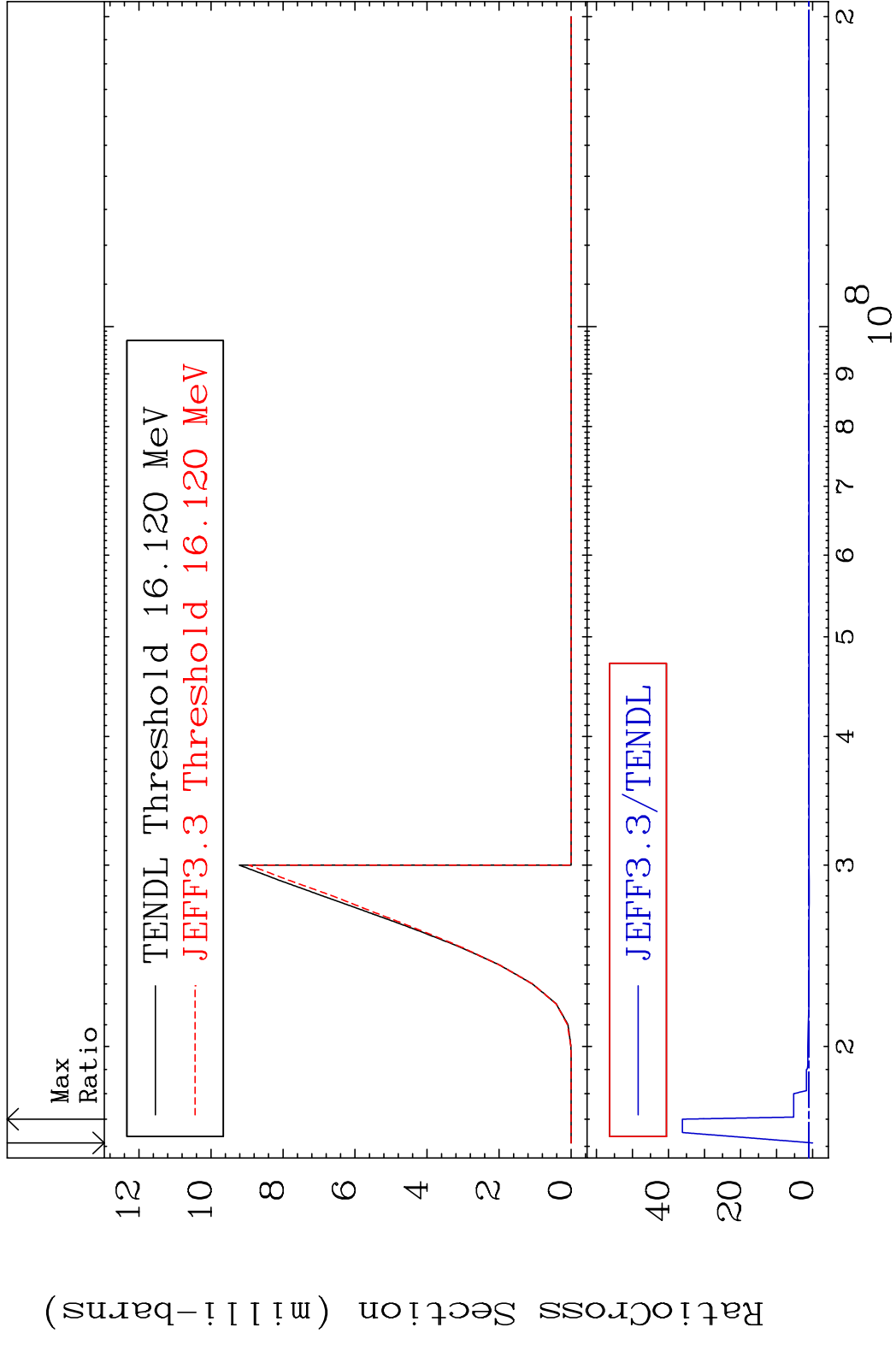
(n, n') d

33-As-74

Cross Section -100.0 To 2815. %



MAT 3322 (n, n') t 33-As-74
 Cross Section -100.0 To 3516. %

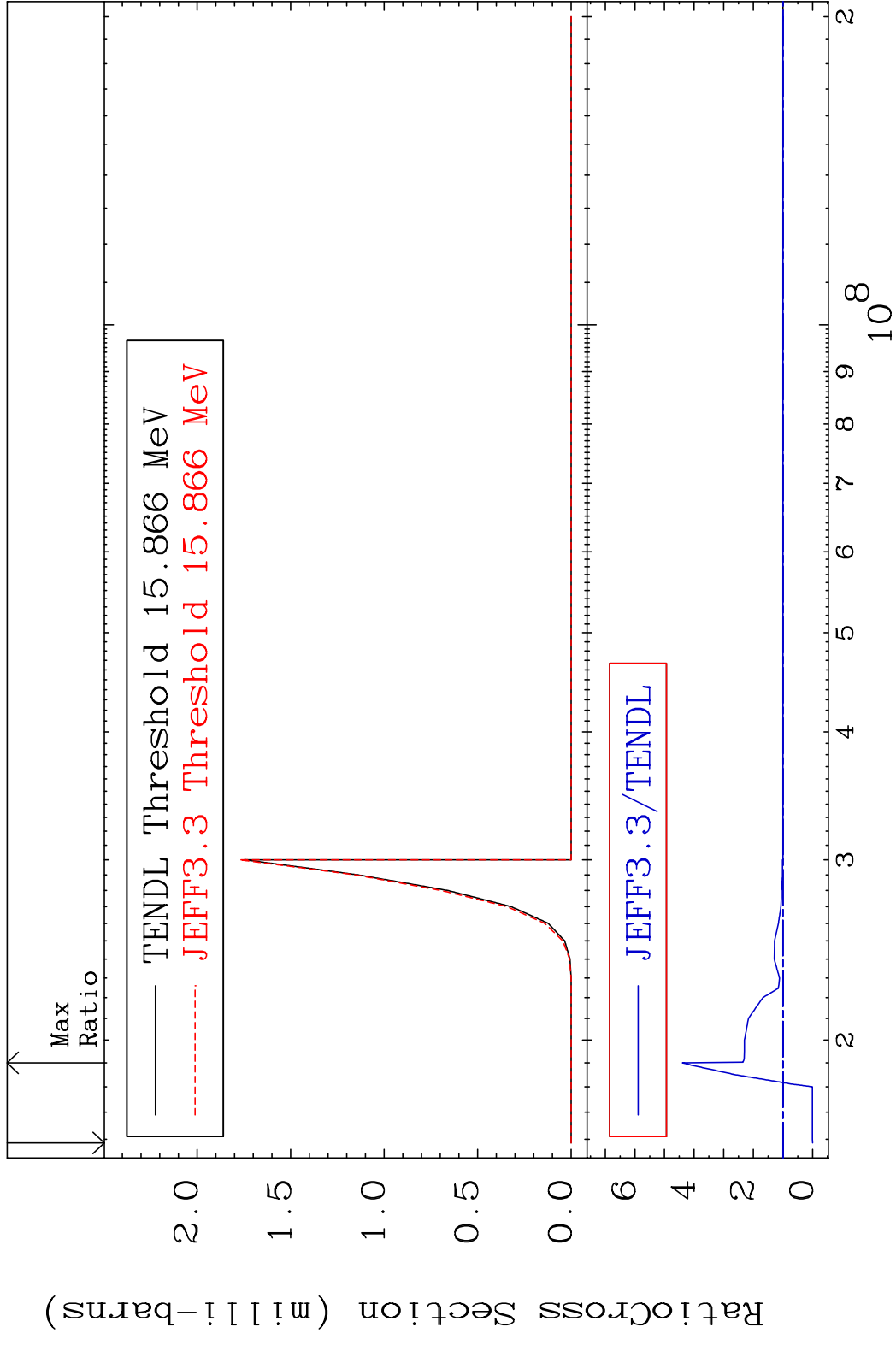


MAT 3322

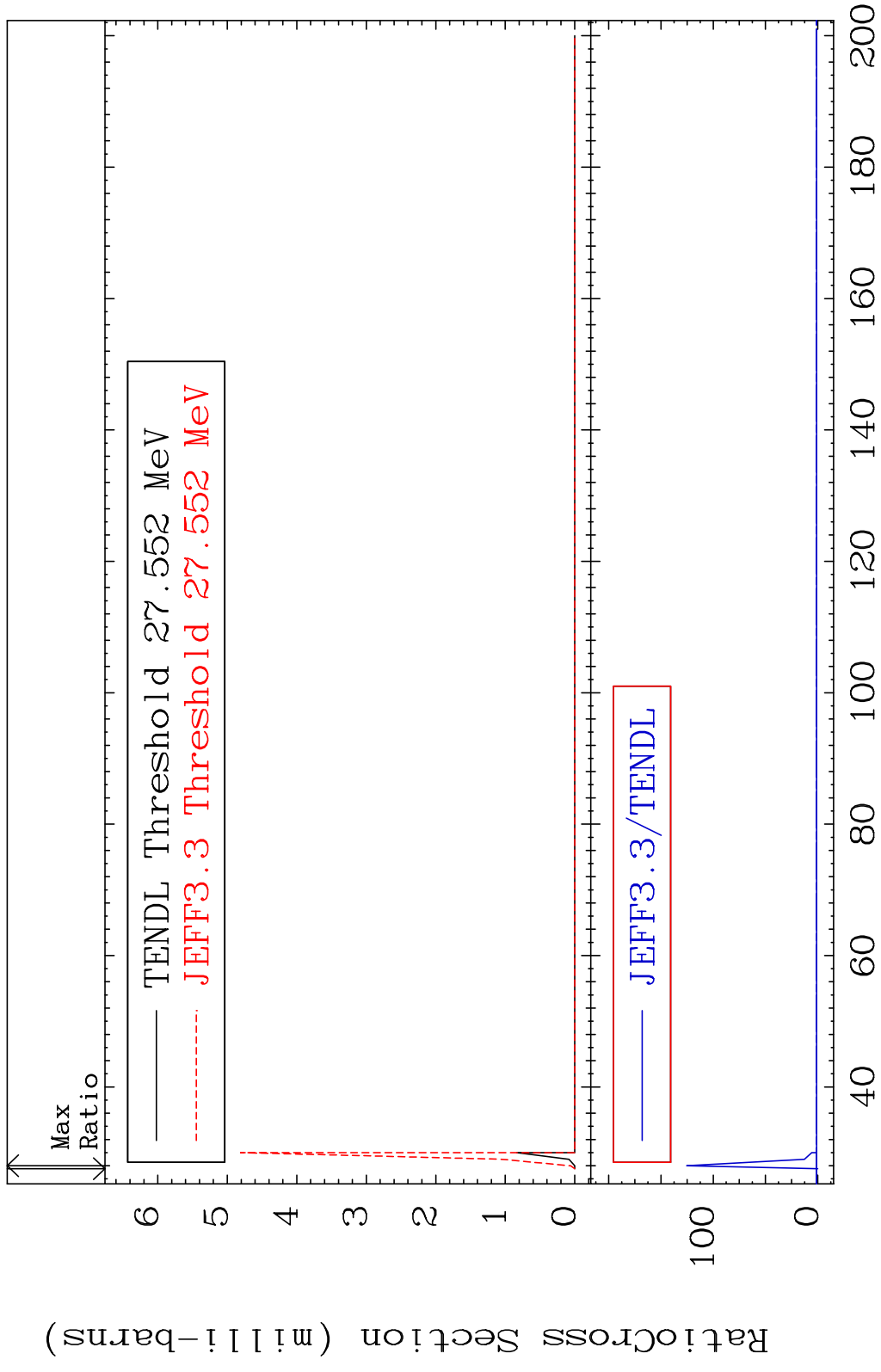
(n,n') He-3

33-As-74

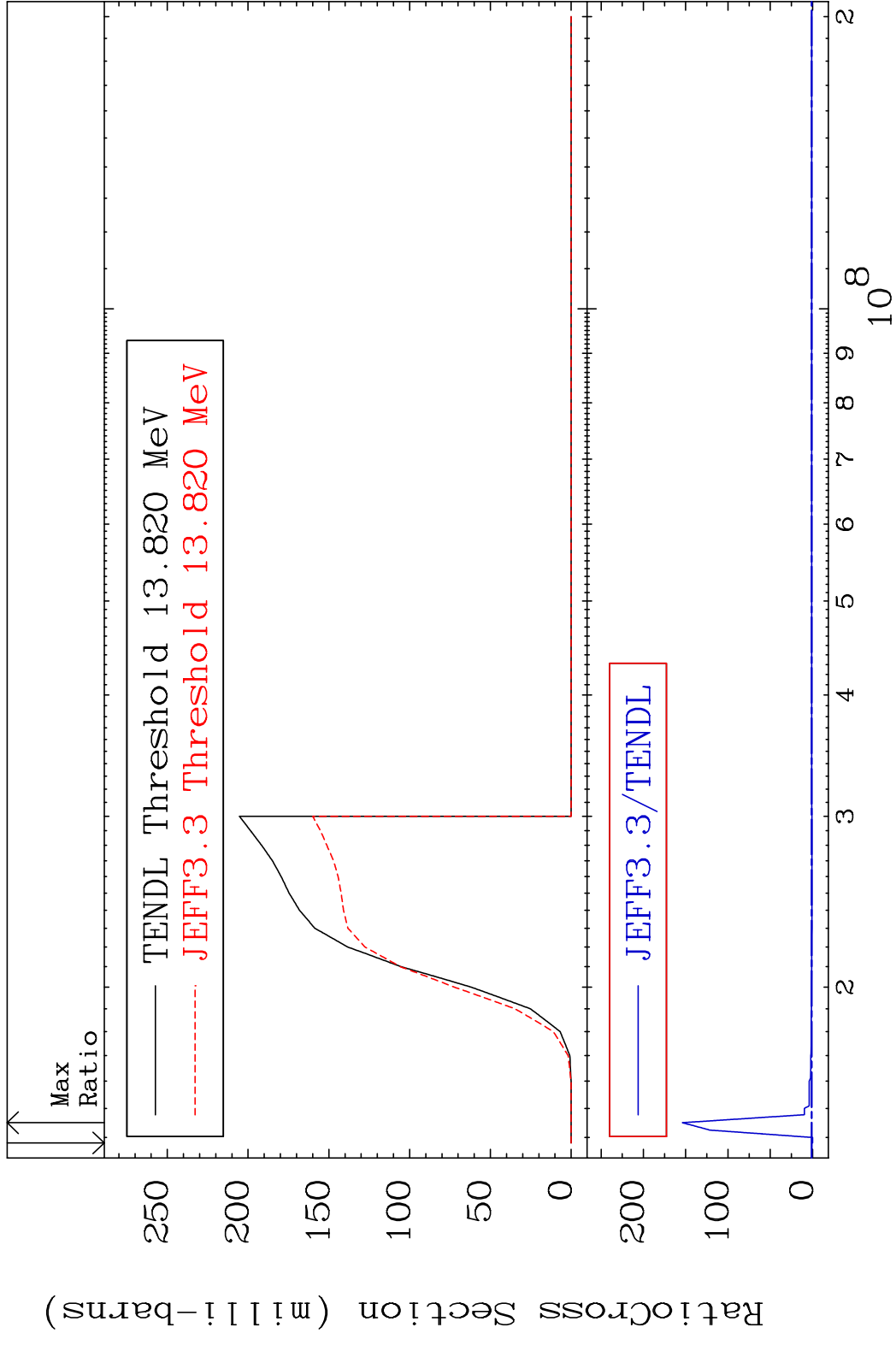
Cross Section -100.0 To 339.7 %



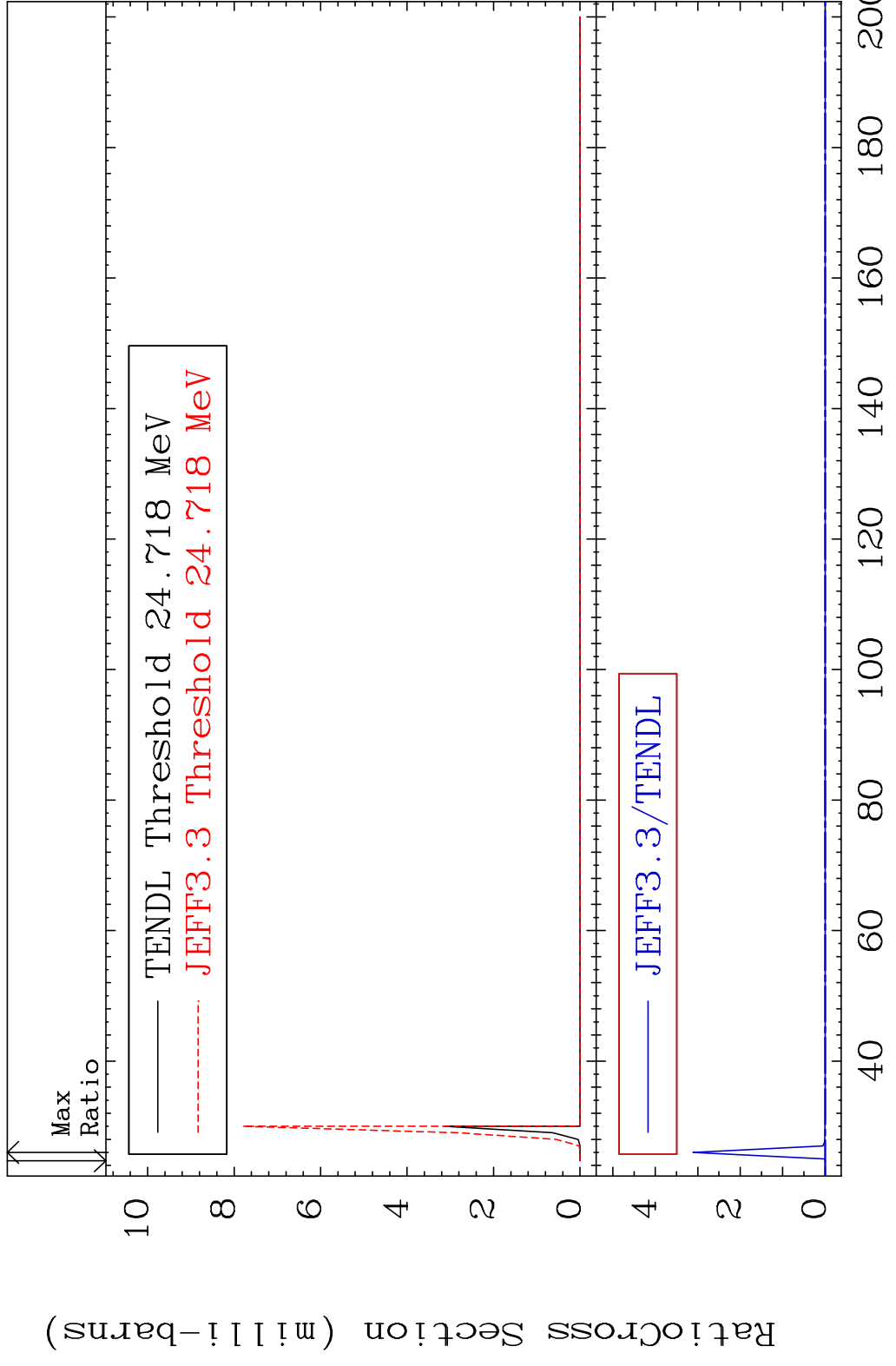
MAT 3322 (n,4n) 33-As-74
 Cross Section -100.0 To 9999. %



MAT 3322 (n,2n) p 33-As-74
 Cross Section -100.0 To 9999. %



MAT 3322 (n,3n) p 33-As-74
 Cross Section -100.0 To 9999. %

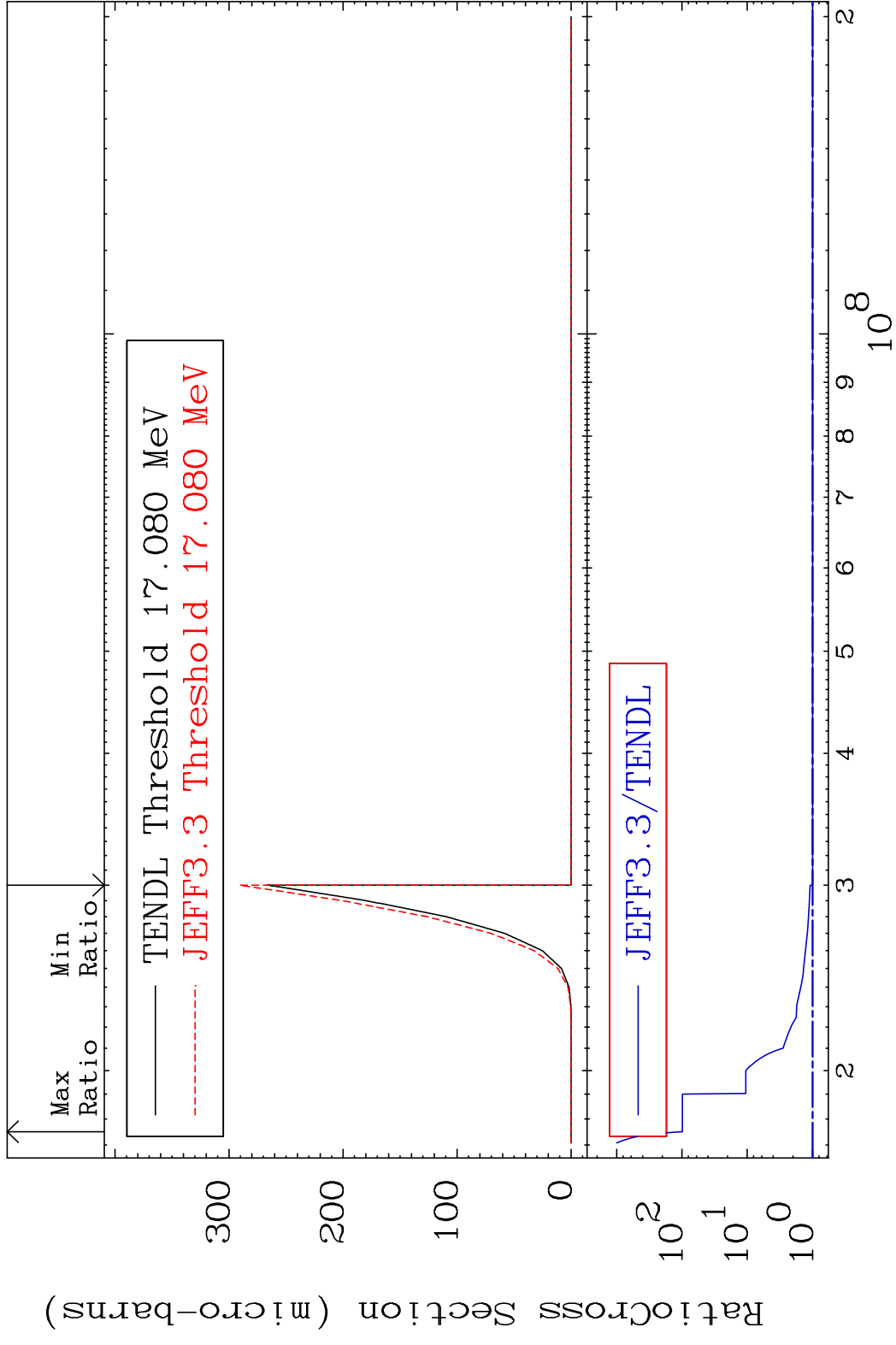


MAT 3322

(n,2n) p

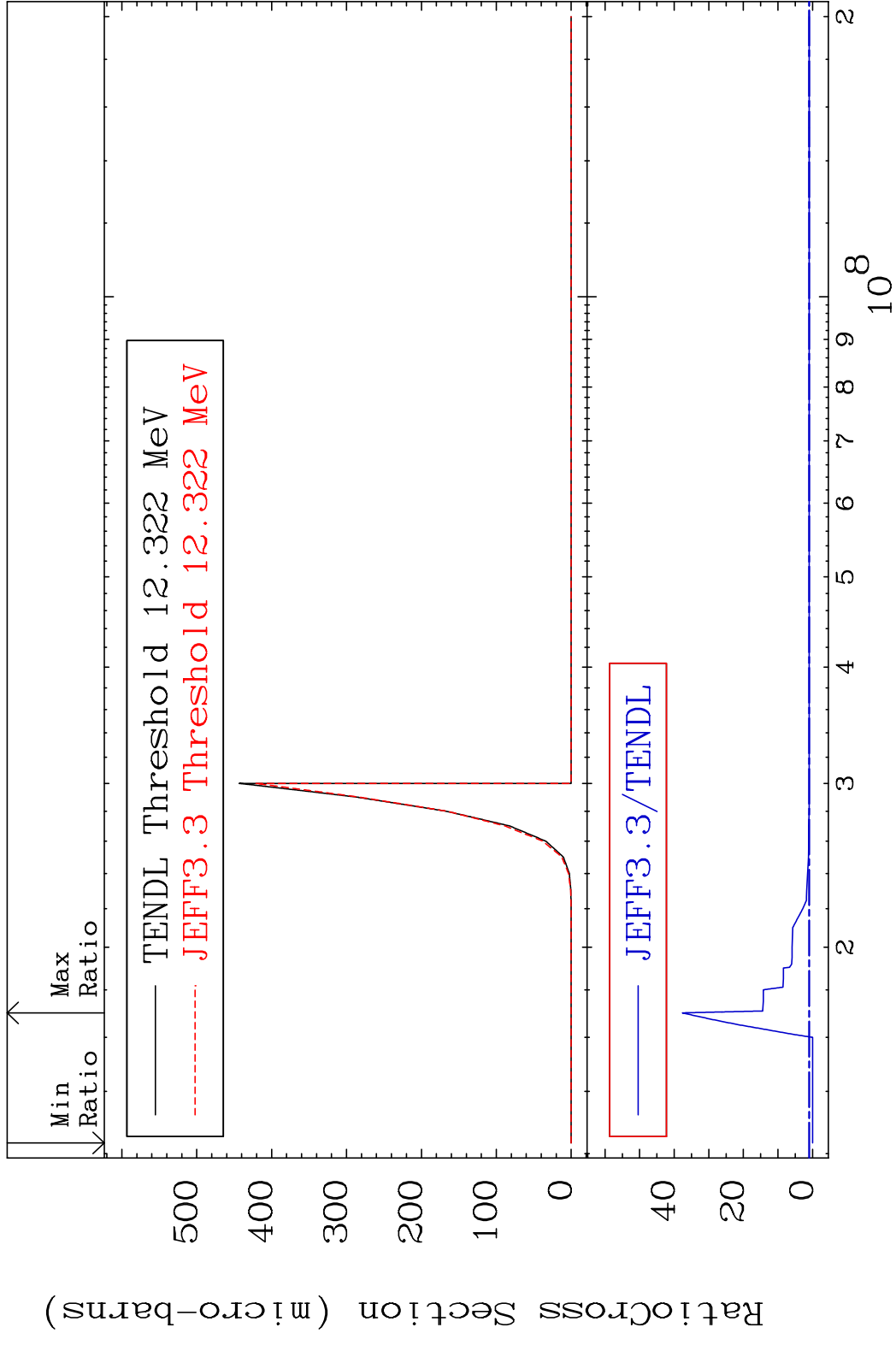
33-As-74

Cross Section 0.000 To 9767. %

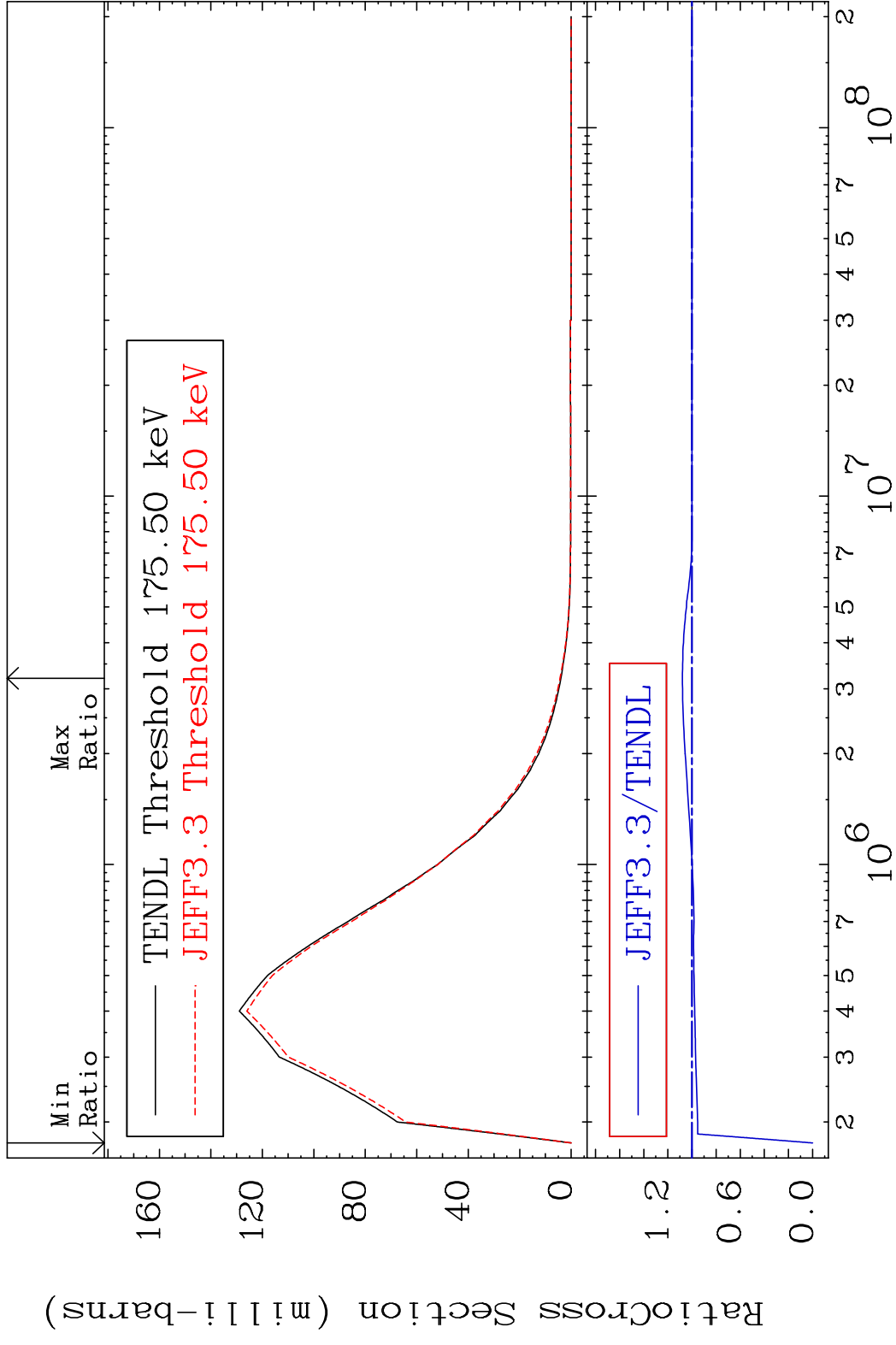


MAT 3322

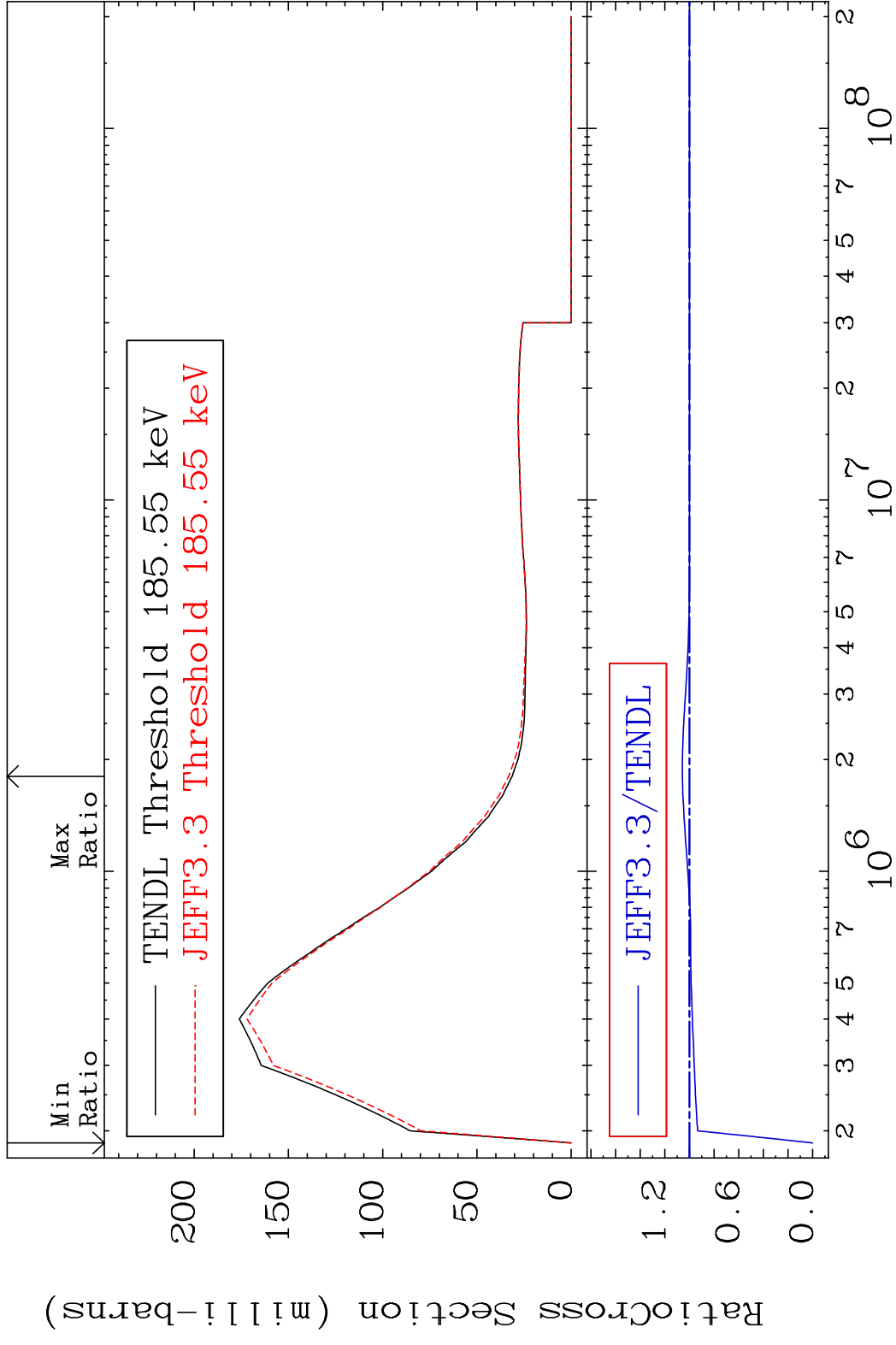
(n,n') p α 33-As-74
Cross Section -100.0 To 3664. %



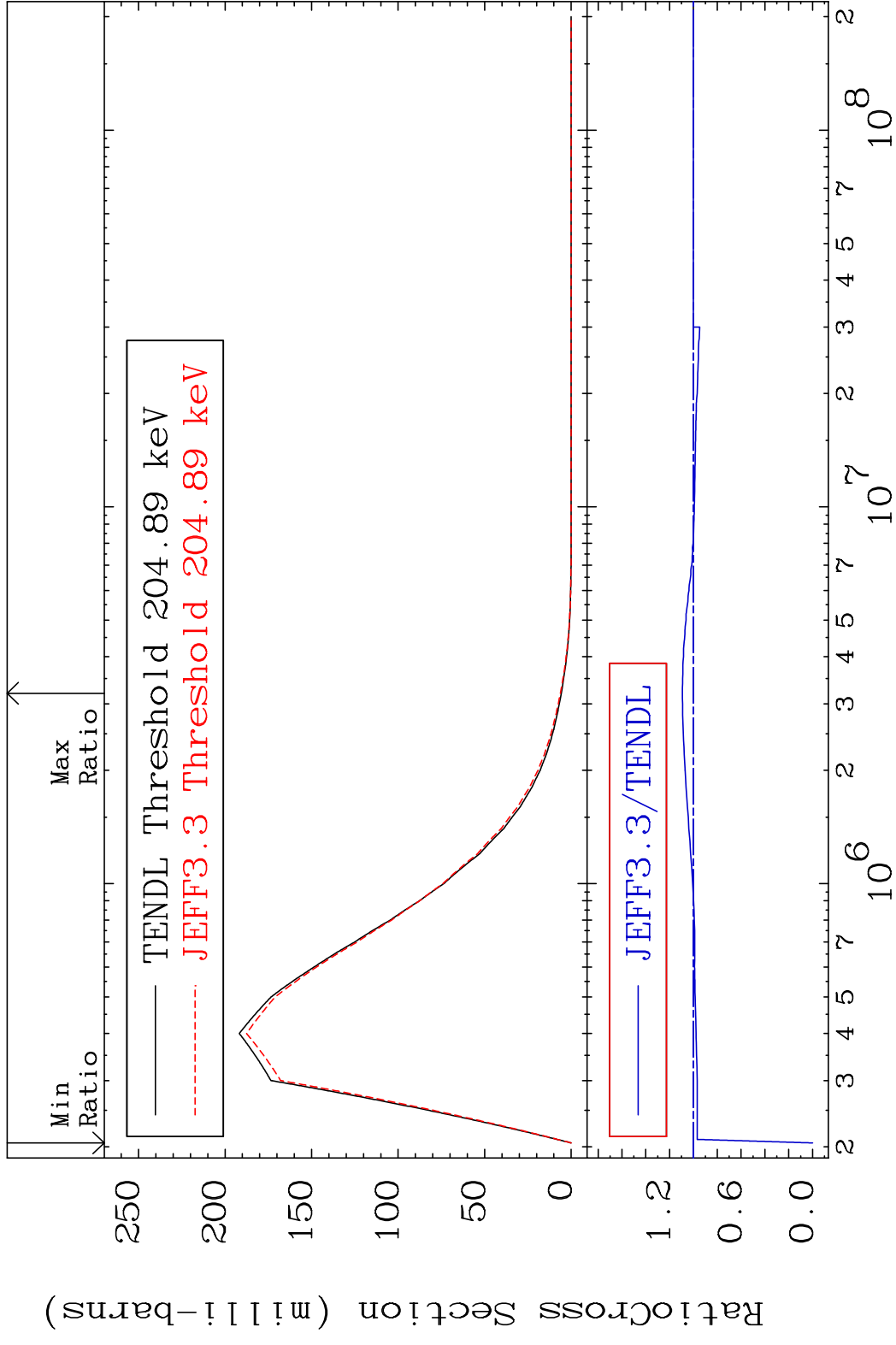
MAT 3322 MT= 51 (n,n') Level 33-As-74
 Cross Section -100.0 To 7.990 %



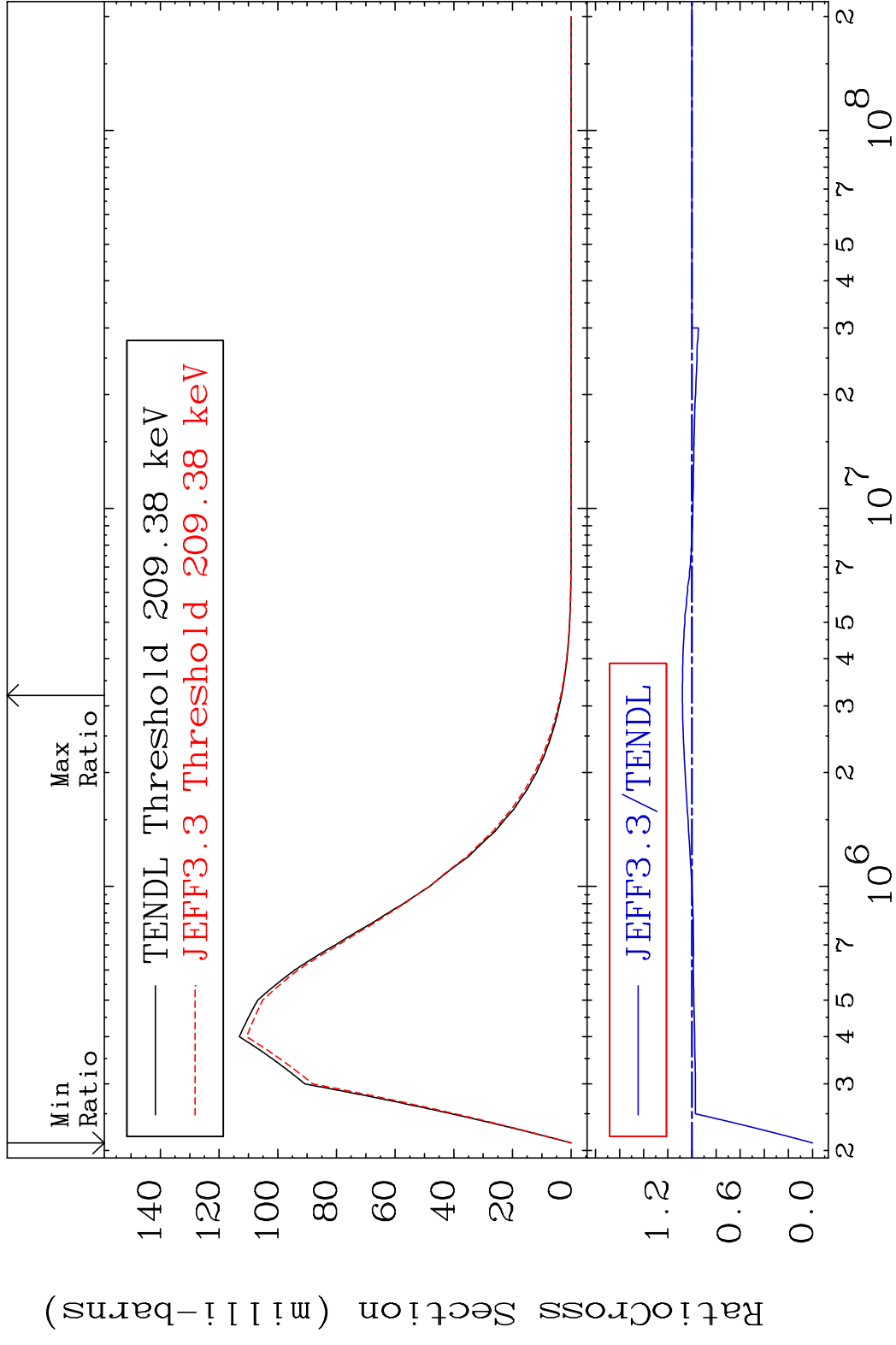
MAT 3322 MT= 52 (n,n') Level 33-As-74
 Cross Section -100.0 To 5.772 %



MAT 3322 MT= 53 (n,n') Level 33-As-74
 Cross Section -100.0 To 9.299 %



MAT 3322 MT= 54 (n,n') Level 33-As-74
 Cross Section -100.0 To 7.946 %

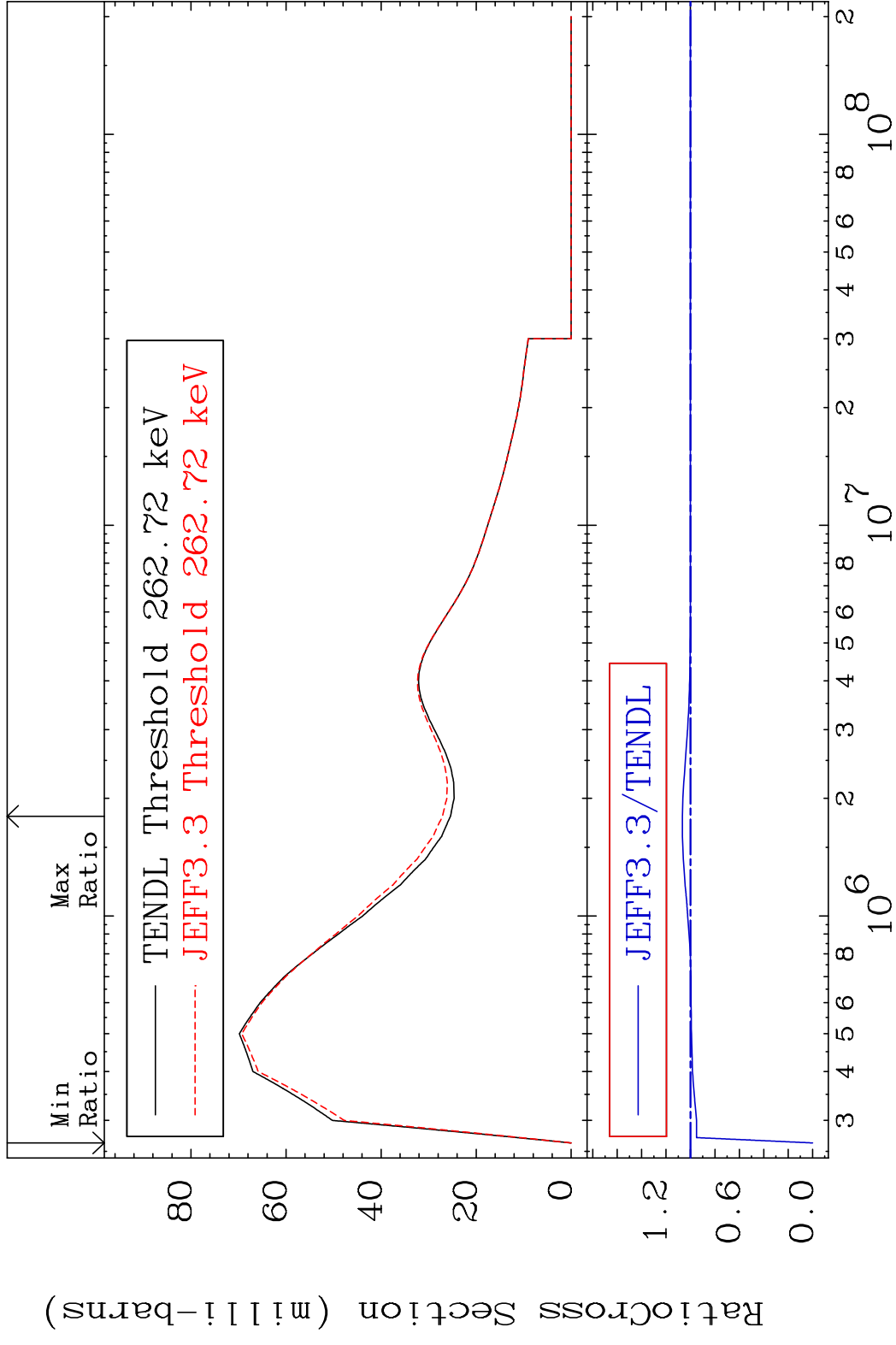


MAT 3322

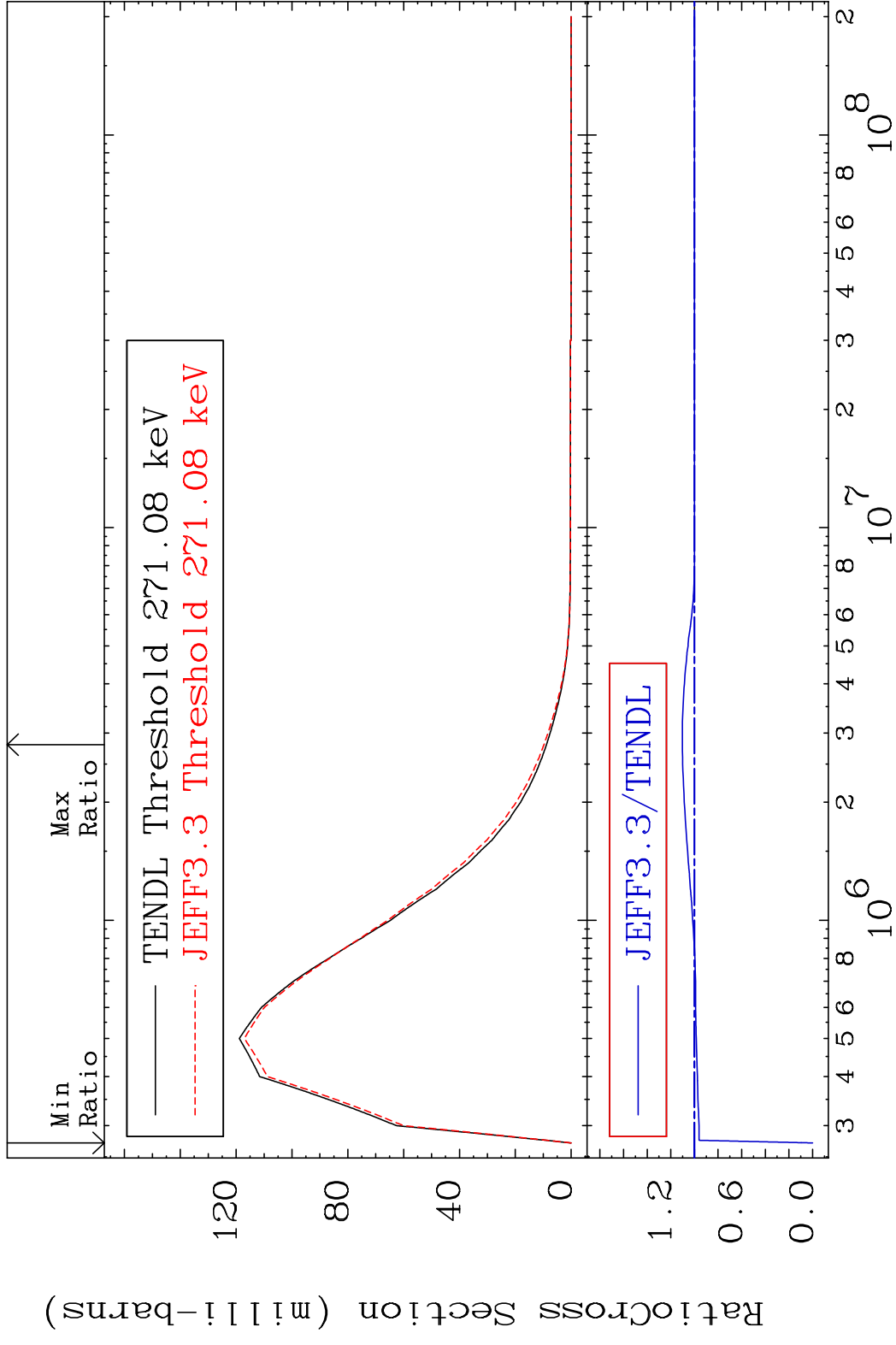
MT= 55 (n,n') Level

33-As-74

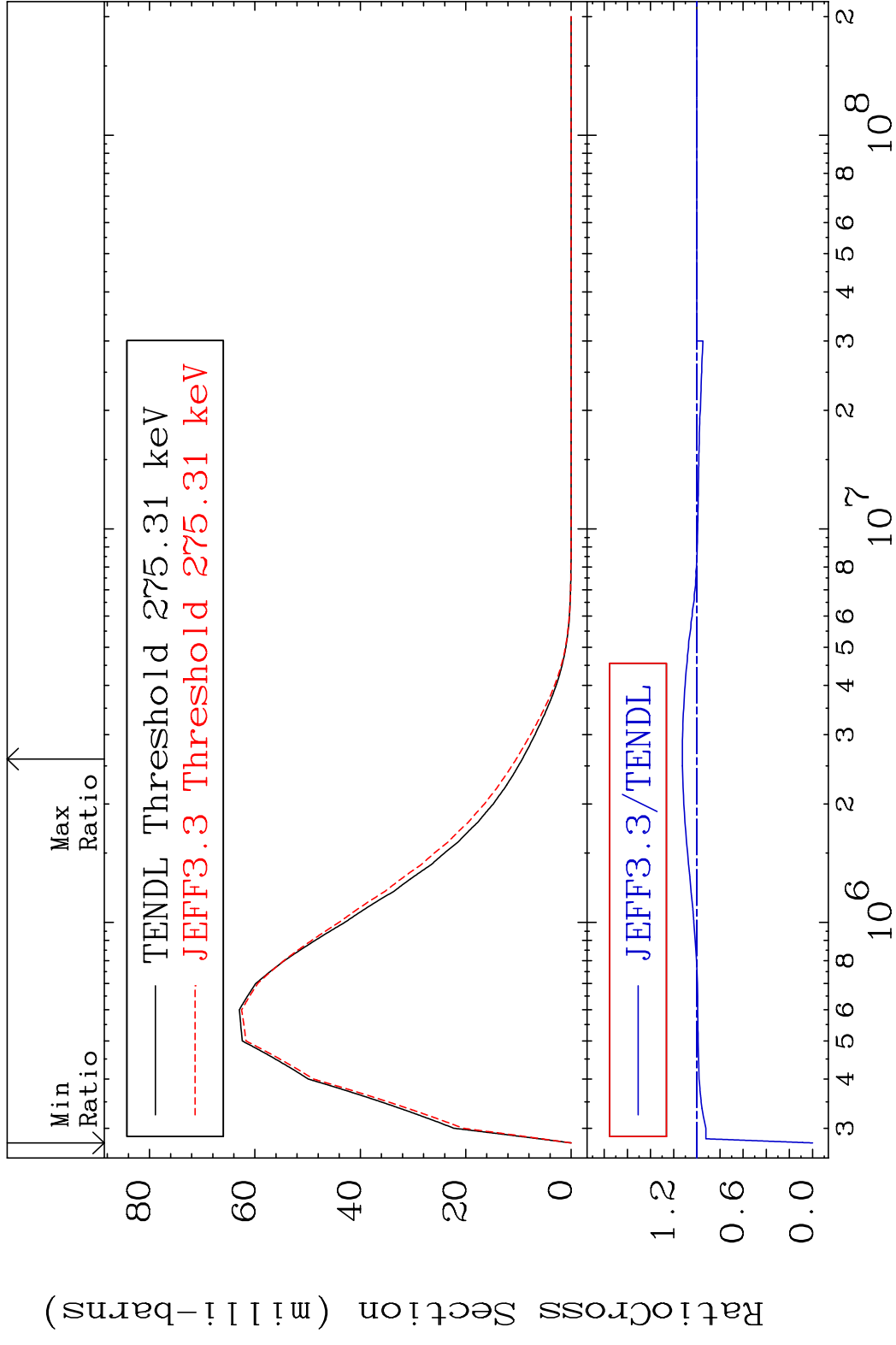
Cross Section -100.0 To 6.652 %



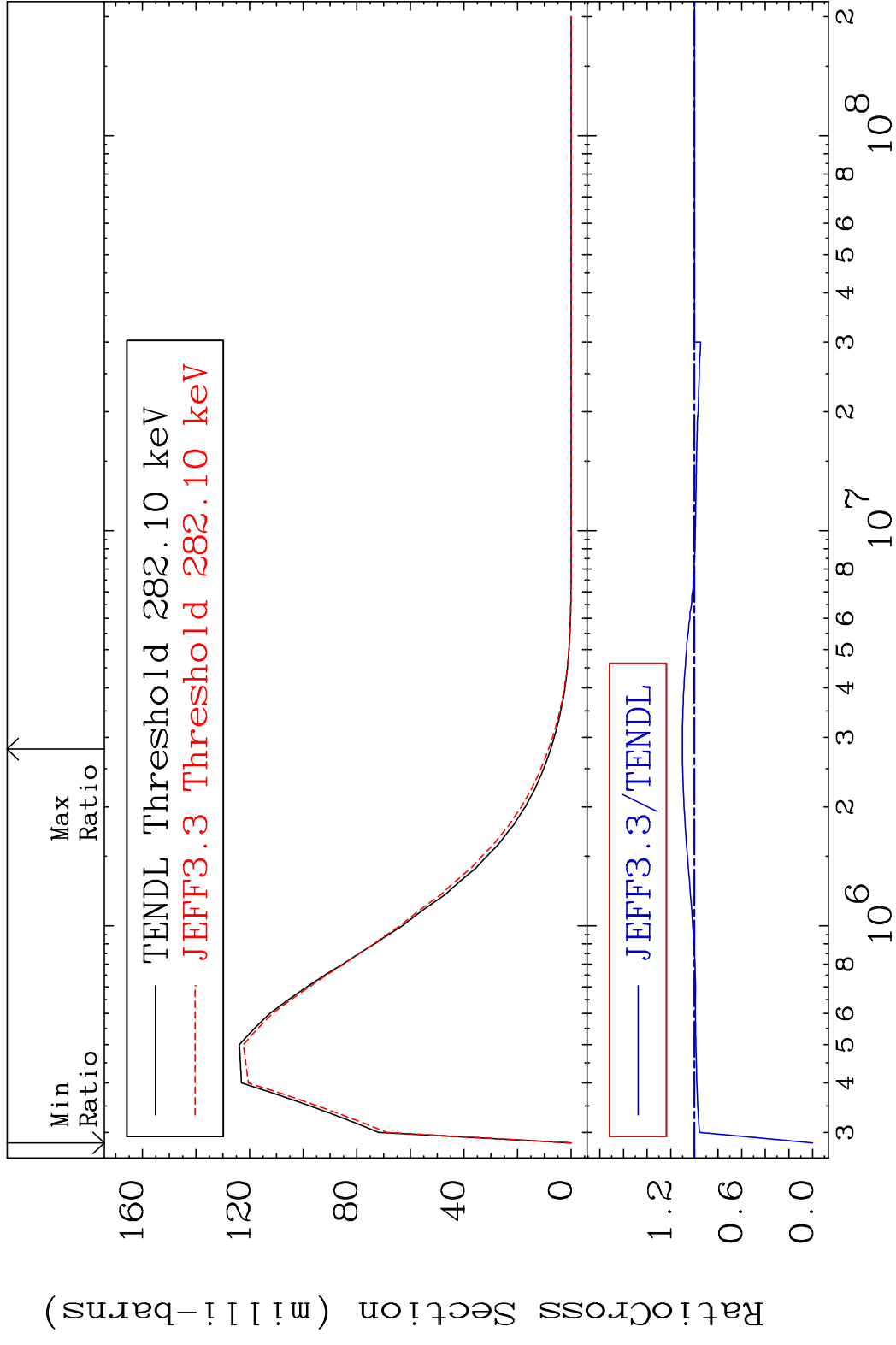
MAT 3322 MT= 56 (n,n') Level 33-As-74
 Cross Section -100.0 To 10.22 %



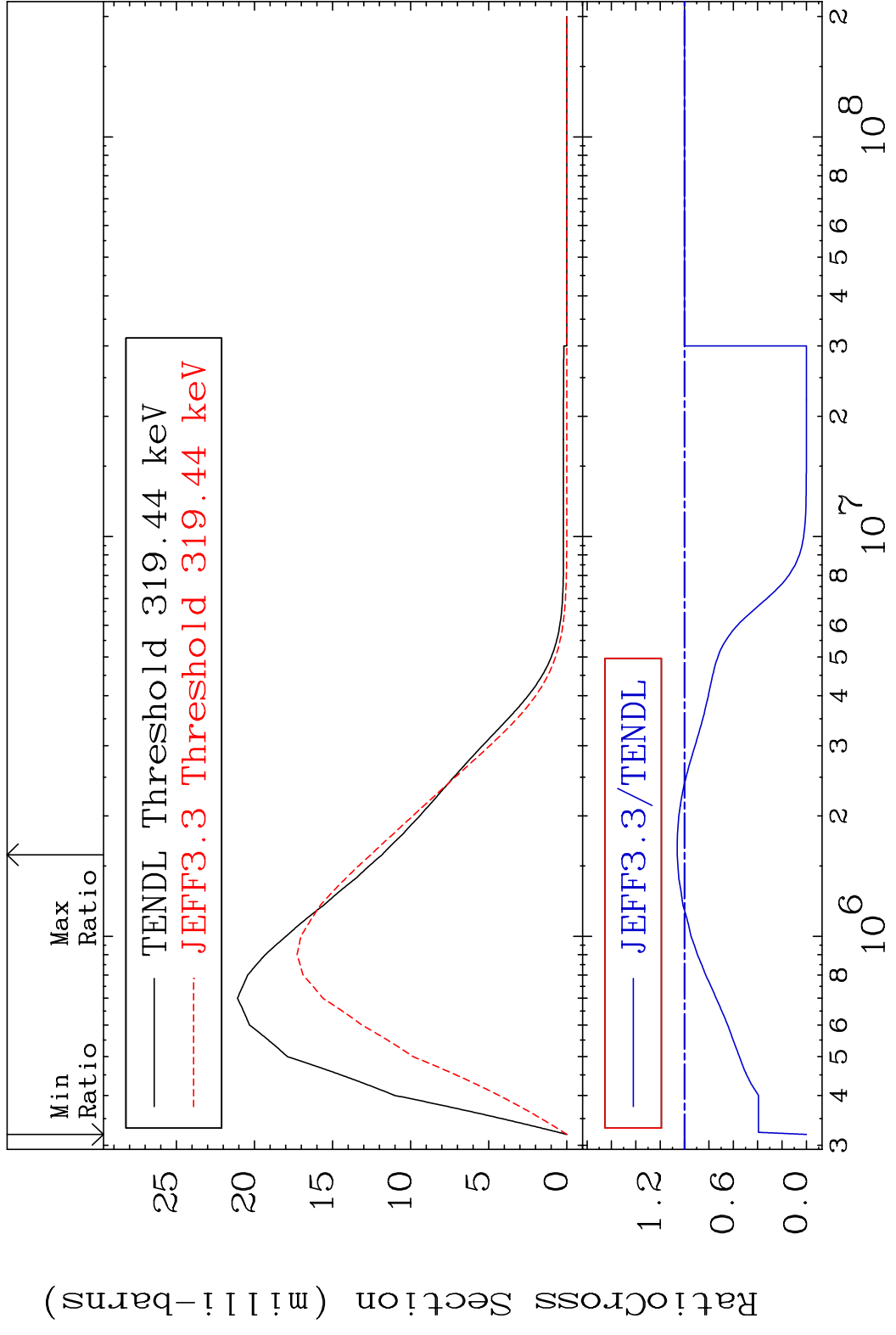
MAT 3322 MT= 57 (n,n') Level 33-As-74
 Cross Section -100.0 To 12.50 %



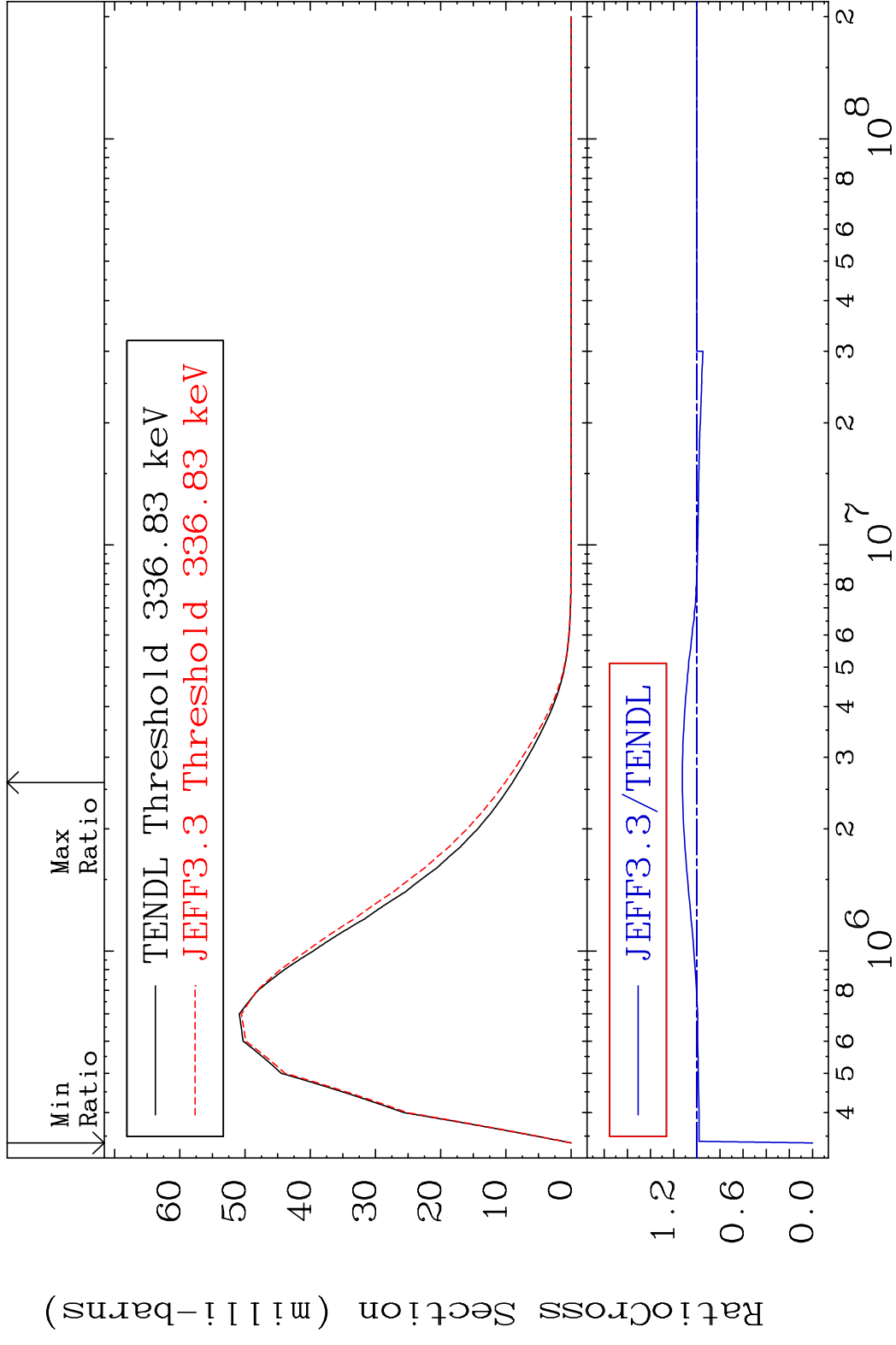
MAT 3322 MT= 58 (n,n') Level 33-As-74
 Cross Section -100.0 To 10.17 %



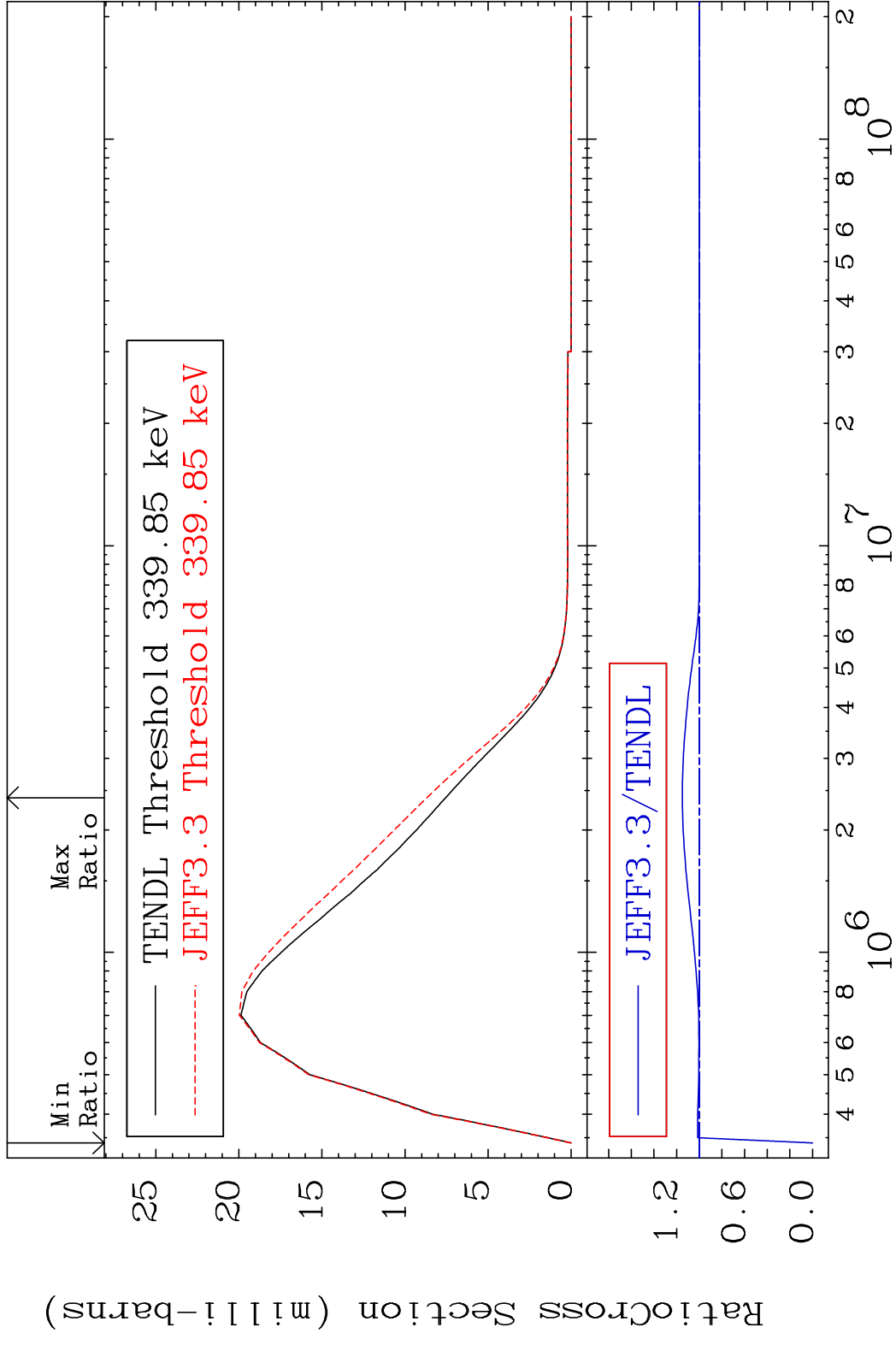
MAT 3322 MT= 59 (n,n') Level 33-As-74
 Cross Section -100.0 To 6.042 %



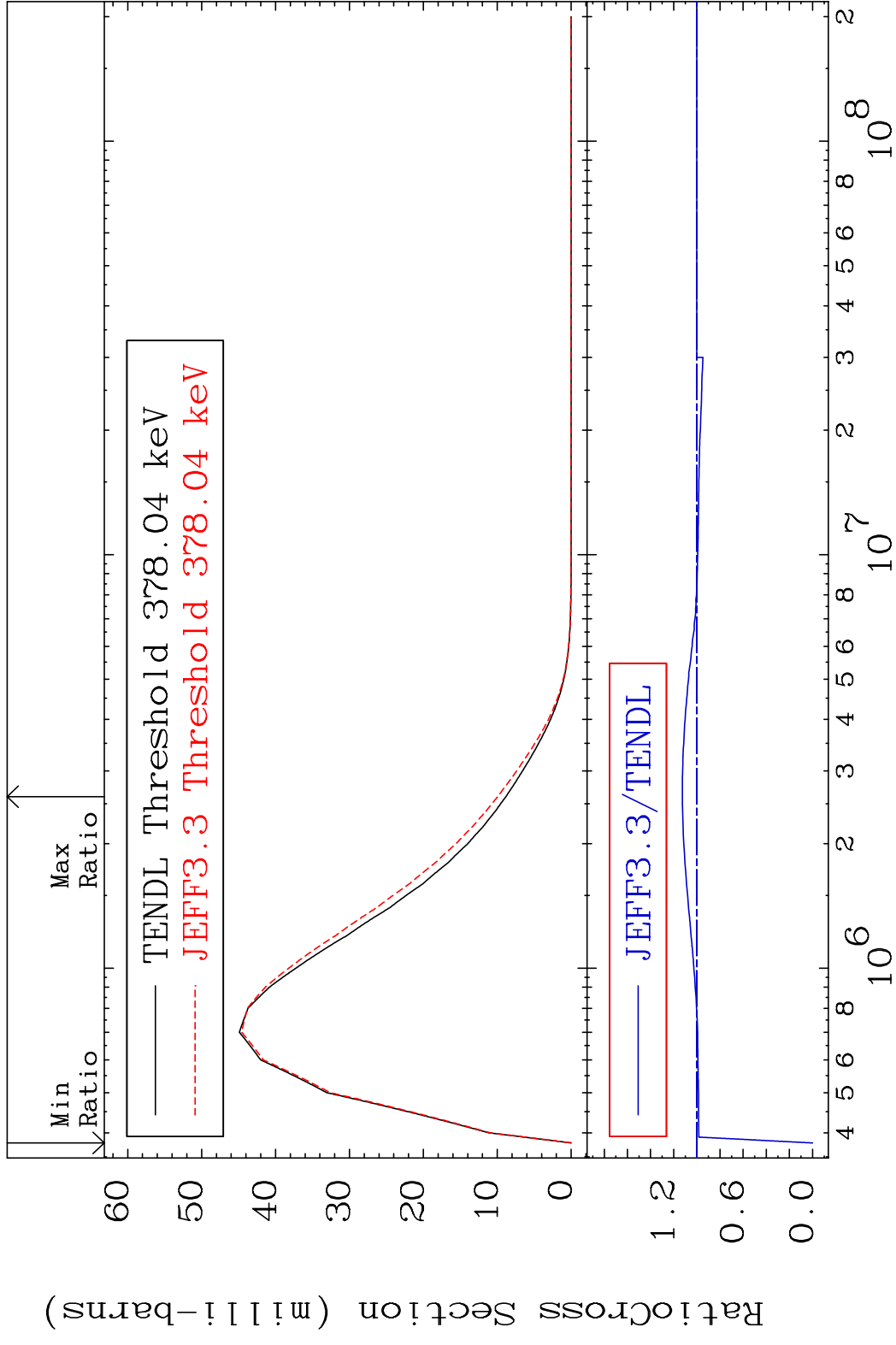
MAT 3322 MT= 60 (n, n') Level 33-As-74
 Cross Section -100.0 To 12.51 %



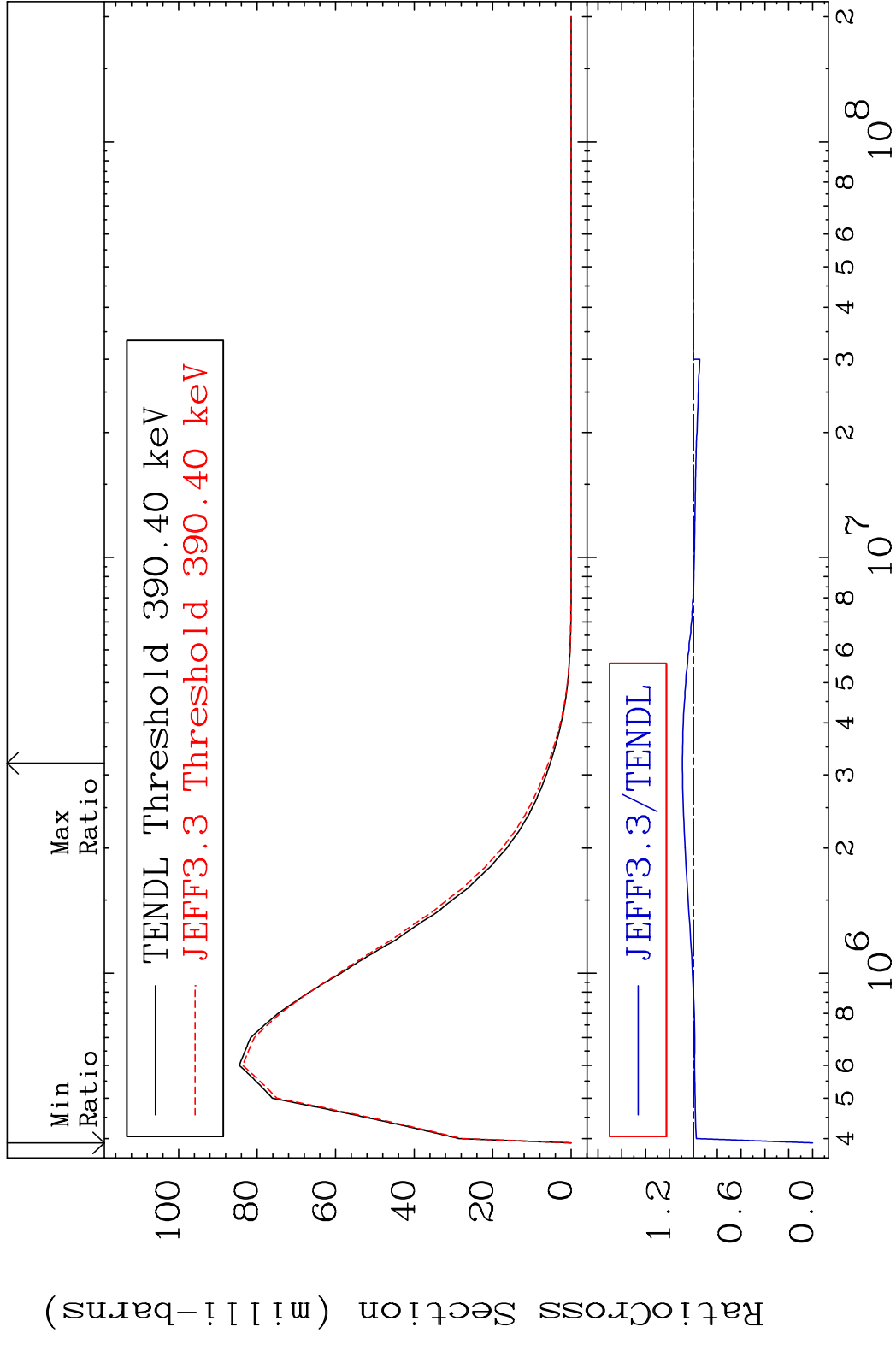
MAT 3322 MT= 61 (n,n') Level 33-As-74
 Cross Section -100.0 To 14.95 %



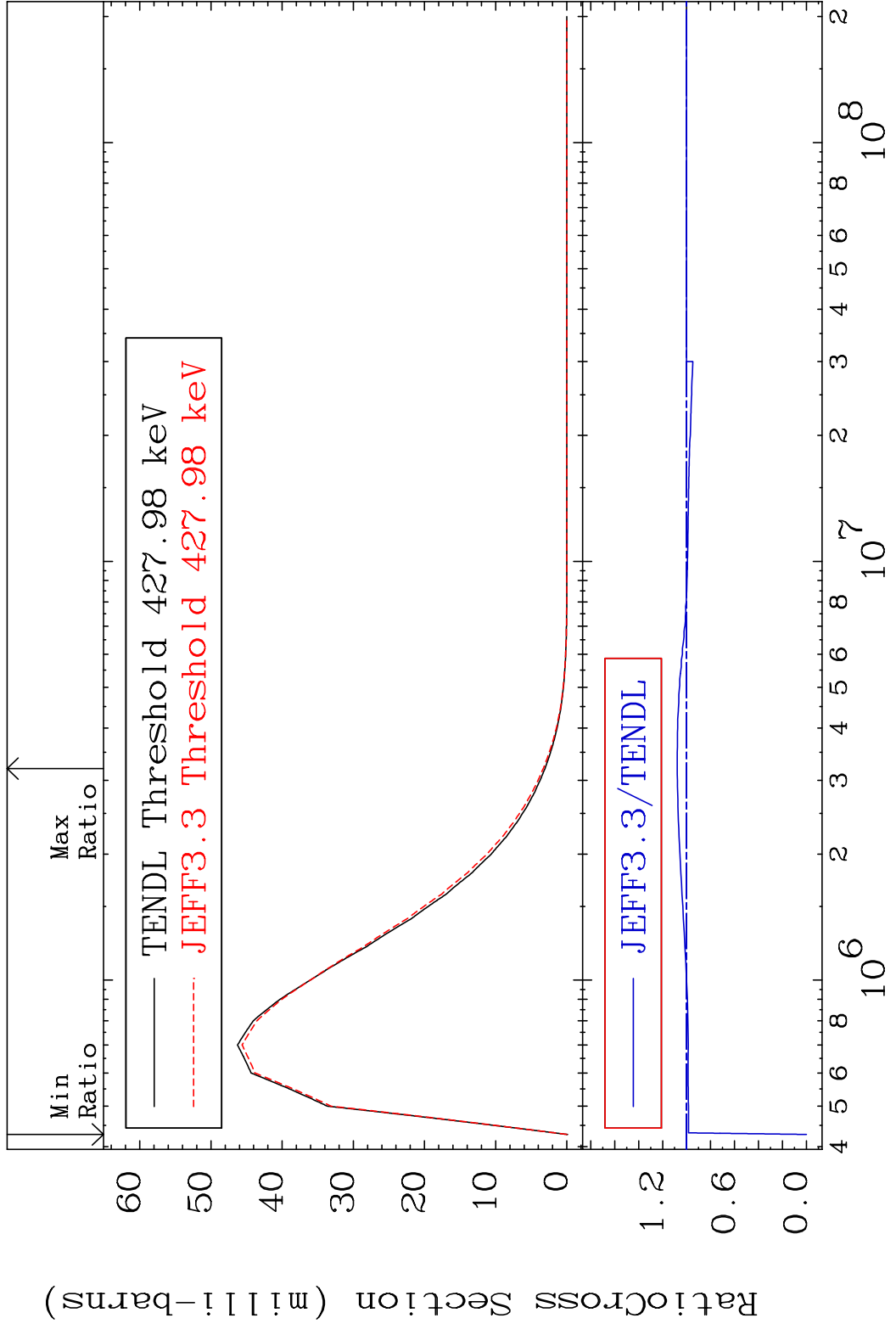
MAT 3322 MT= 62 (n,n') Level 33-As-74
 Cross Section -100.0 To 12.53 %



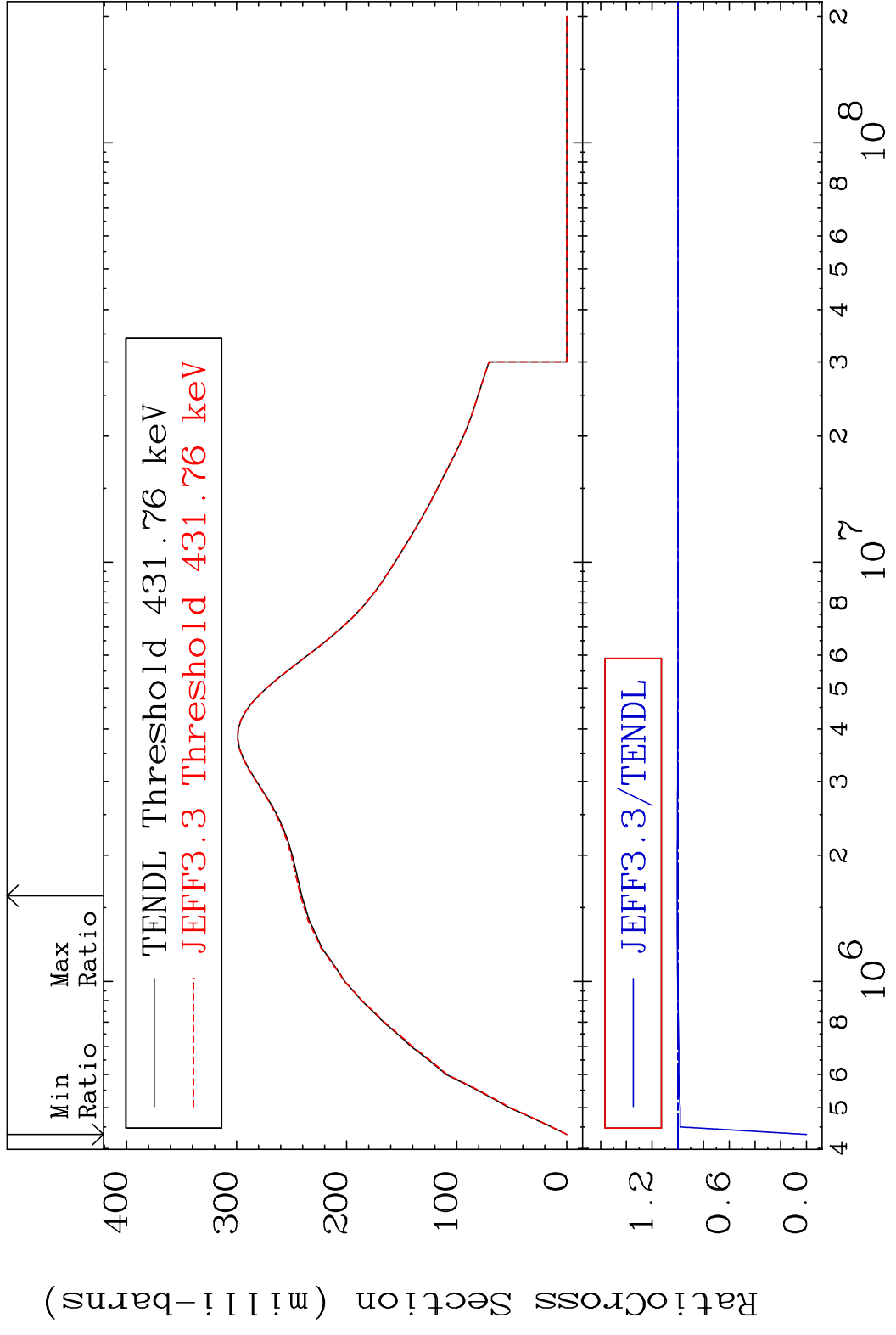
MAT 3322 MT= 63 (n, n') Level 33-As-74
 Cross Section -100.0 To 9.210 %



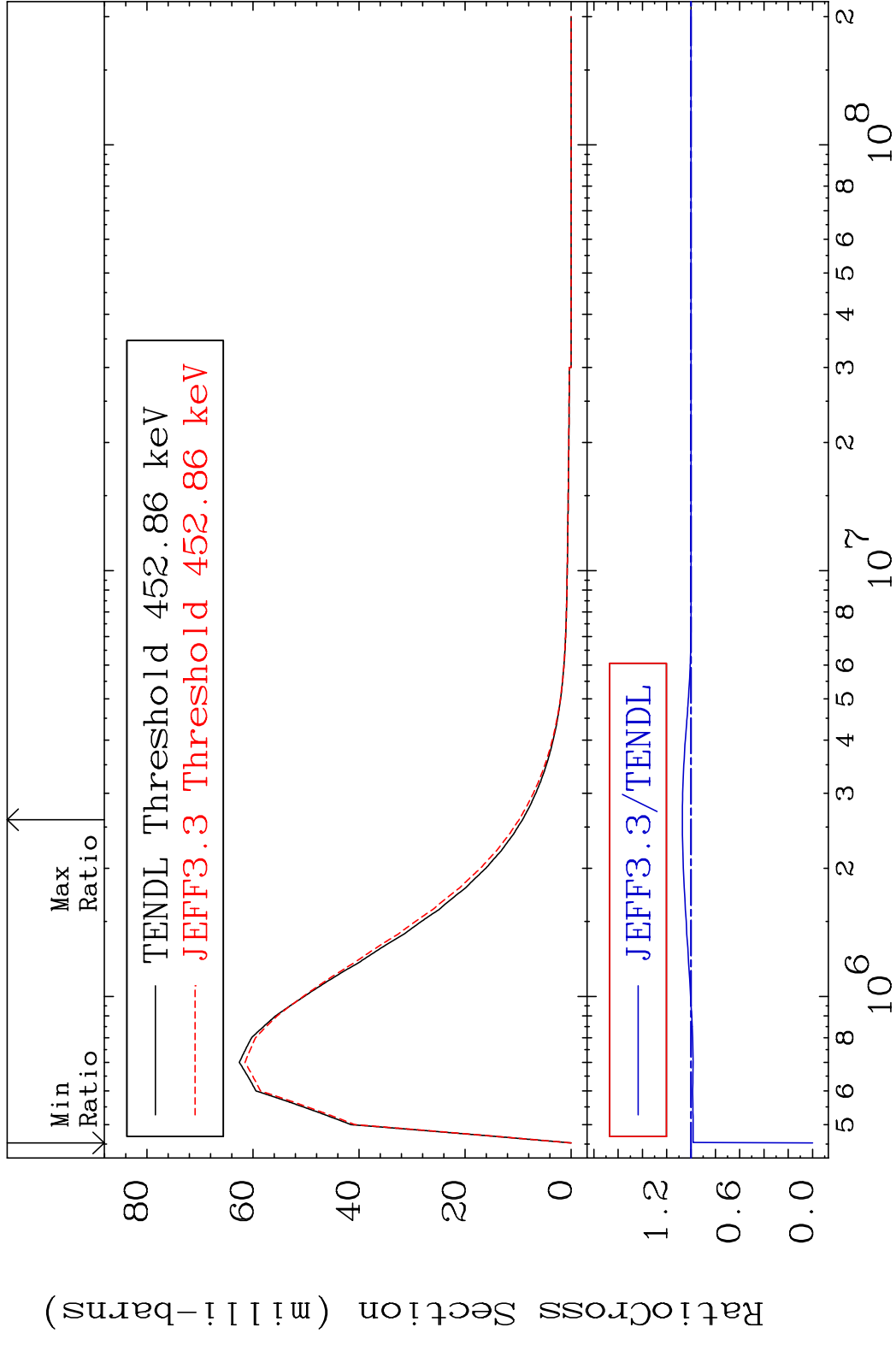
MAT 3322 MT= 64 (n, n') Level 33-As-74
 Cross Section -100.0 To 7.850 %



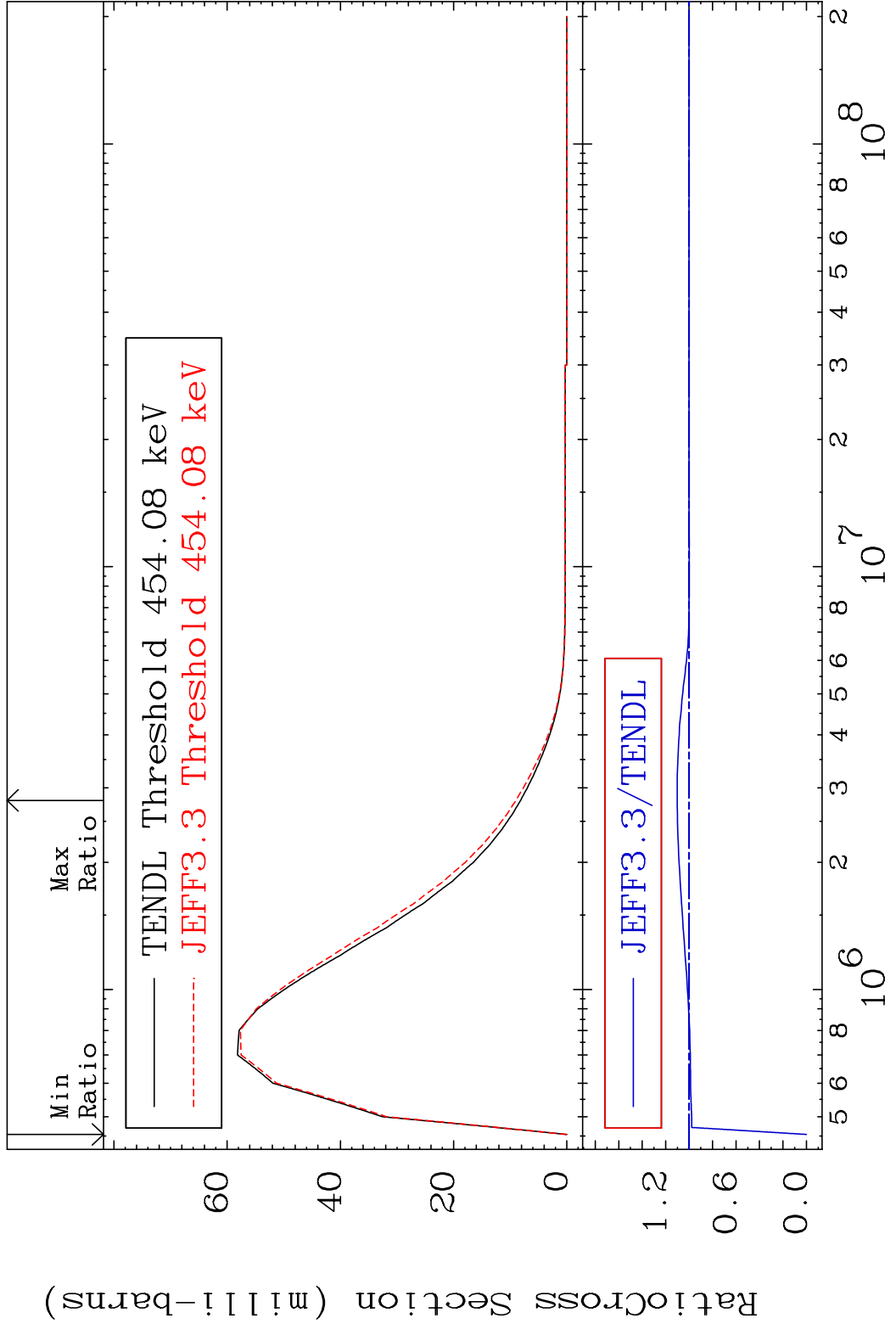
MAT 3322 MT= 65 (n, n') Level 33-As-74
 Cross Section -100.0 To 0.493 %



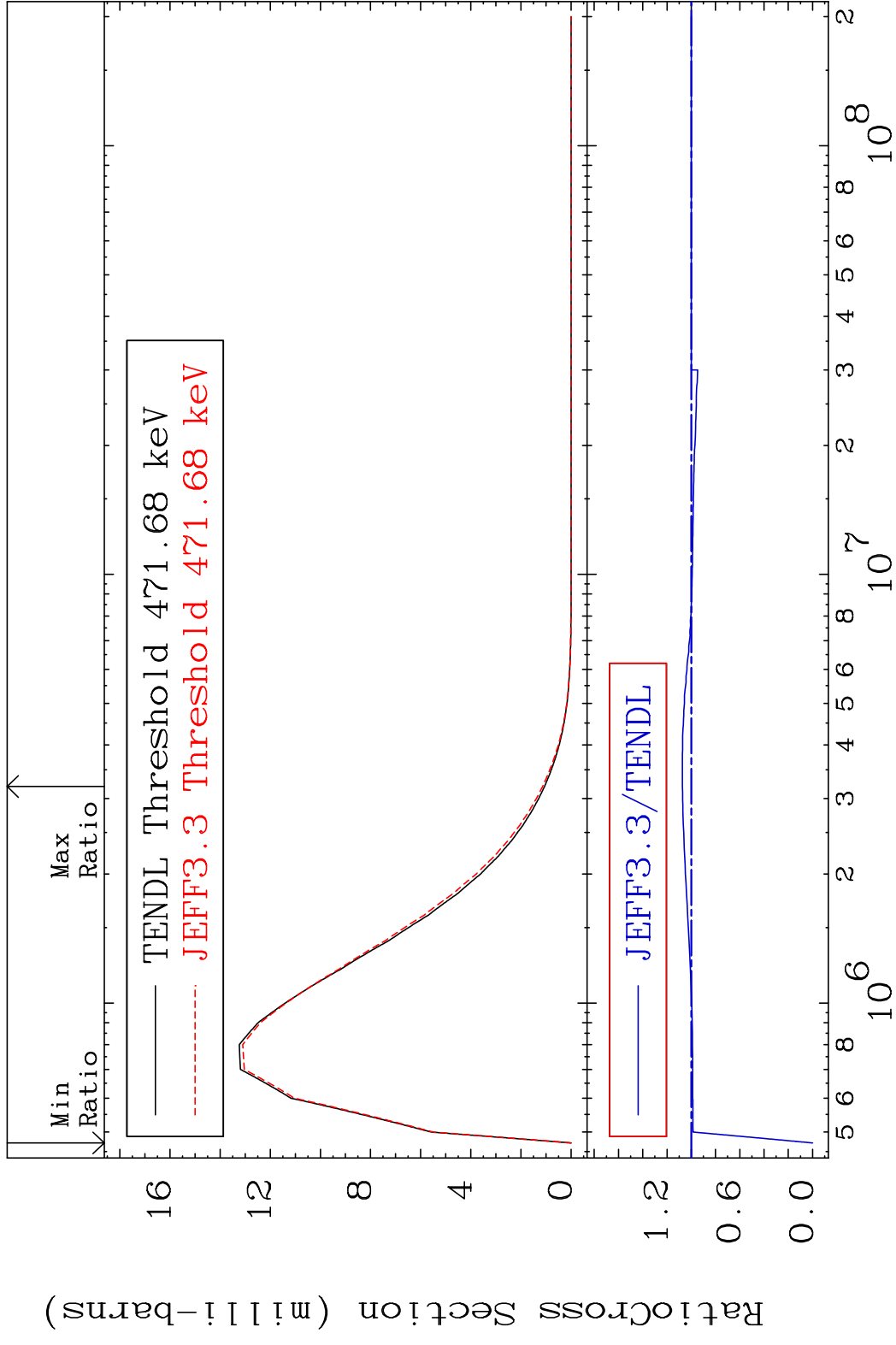
MAT 3322 MT= 66 (n,n') Level 33-As-74
 Cross Section -100.0 To 7.151 %



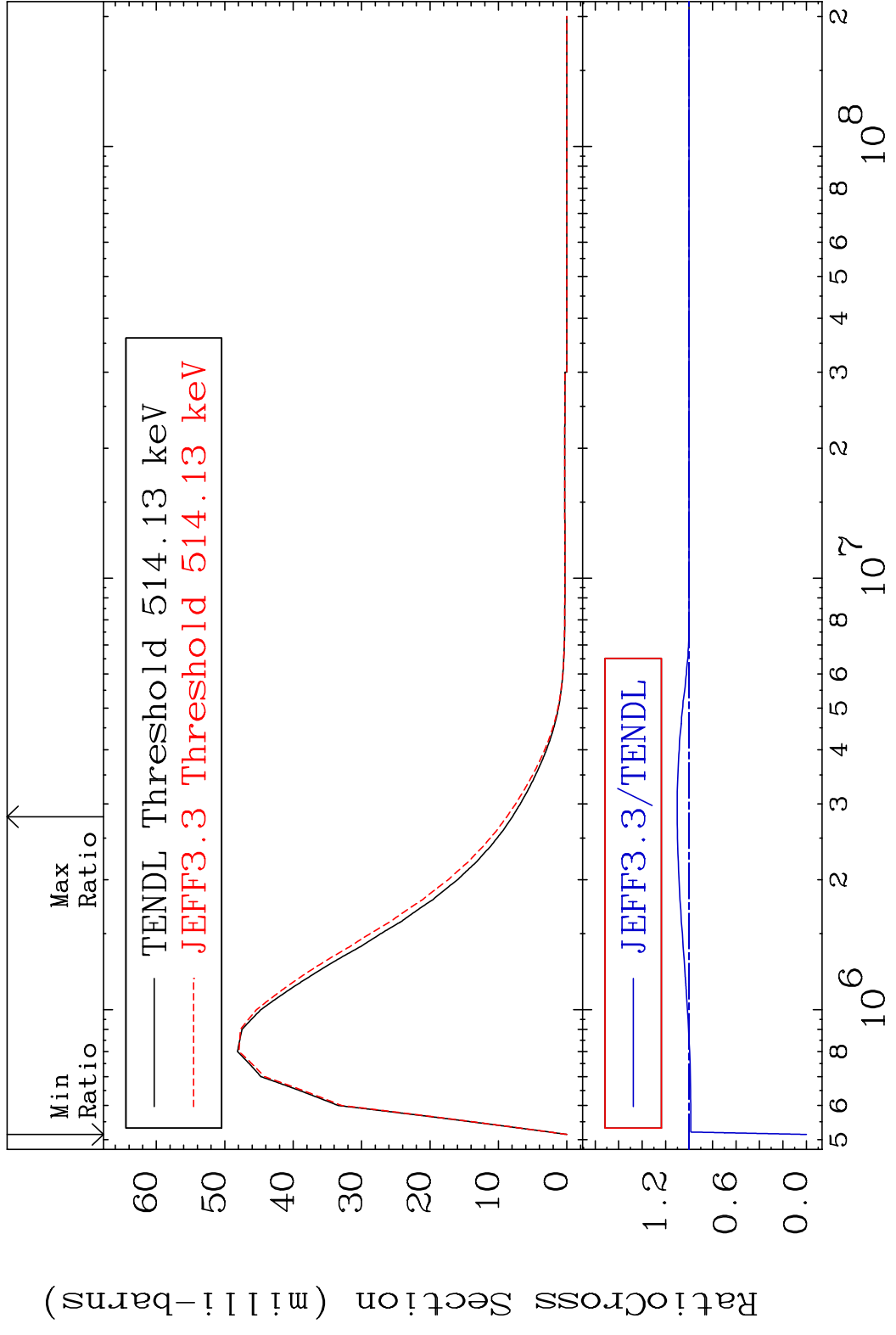
MAT 3322 MT= 67 (n,n') Level 33-As-74
 Cross Section -100.0 To 10.16 %



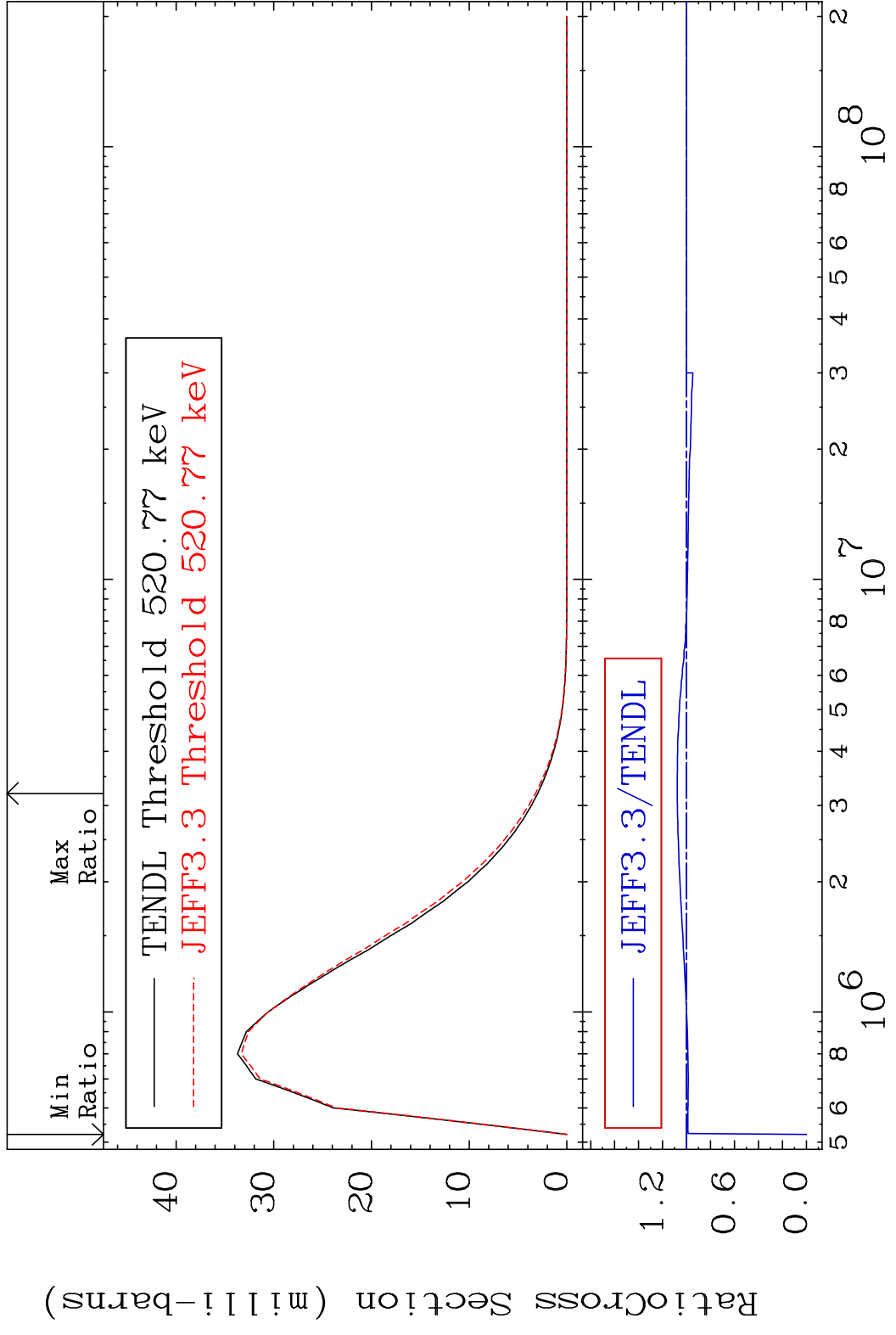
MAT 3322 MT= 68 (n, n') Level 33-As-74
 Cross Section -100.0 To 7.352 %



MAT 3322 MT= 69 (n, n') Level 33-As-74
 Cross Section -100.0 To 10.13 %

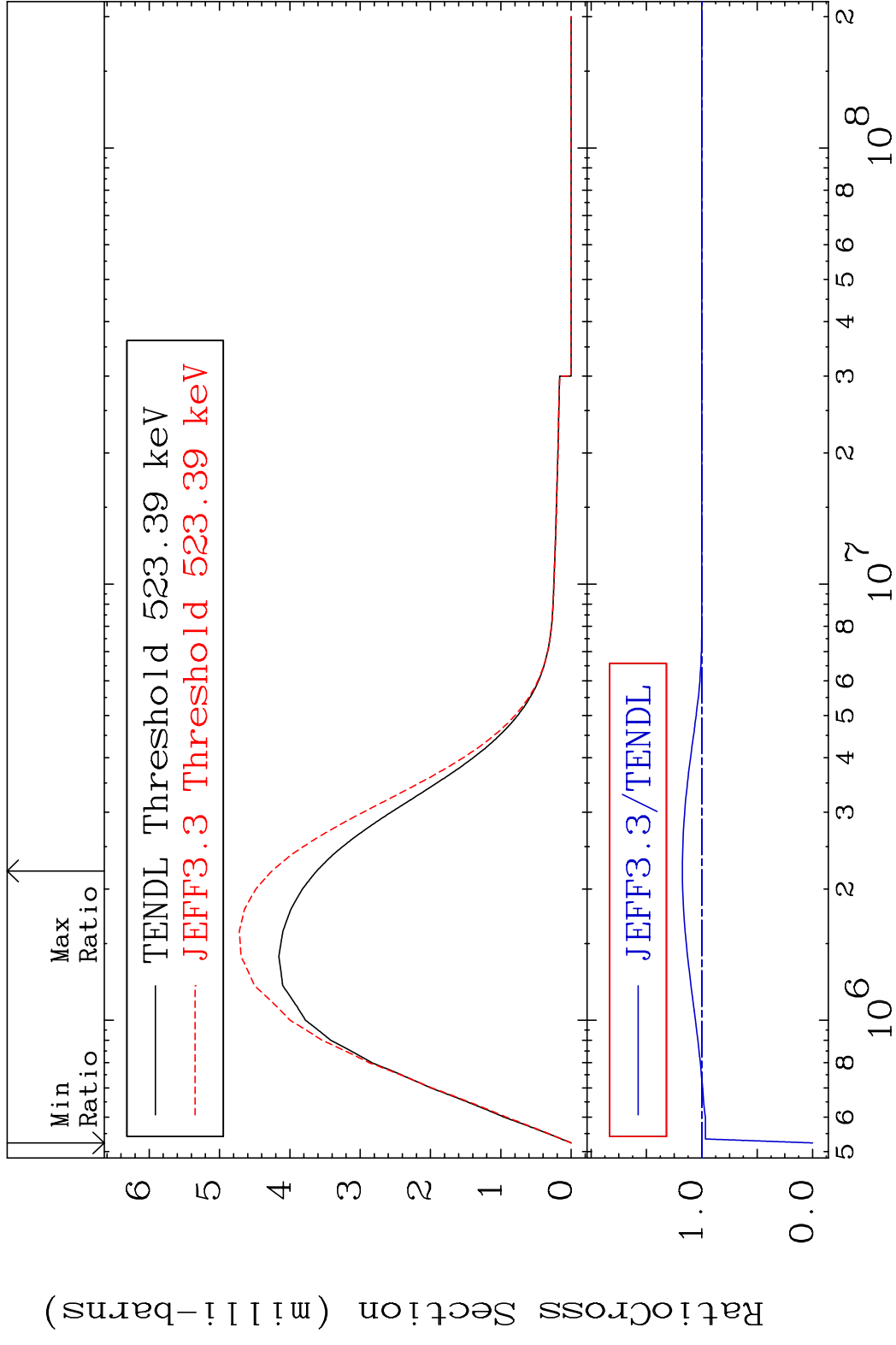


MAT 3322 MT= 70 (n,n') Level 33-As-74
 Cross Section -100.0 To 7.807 %

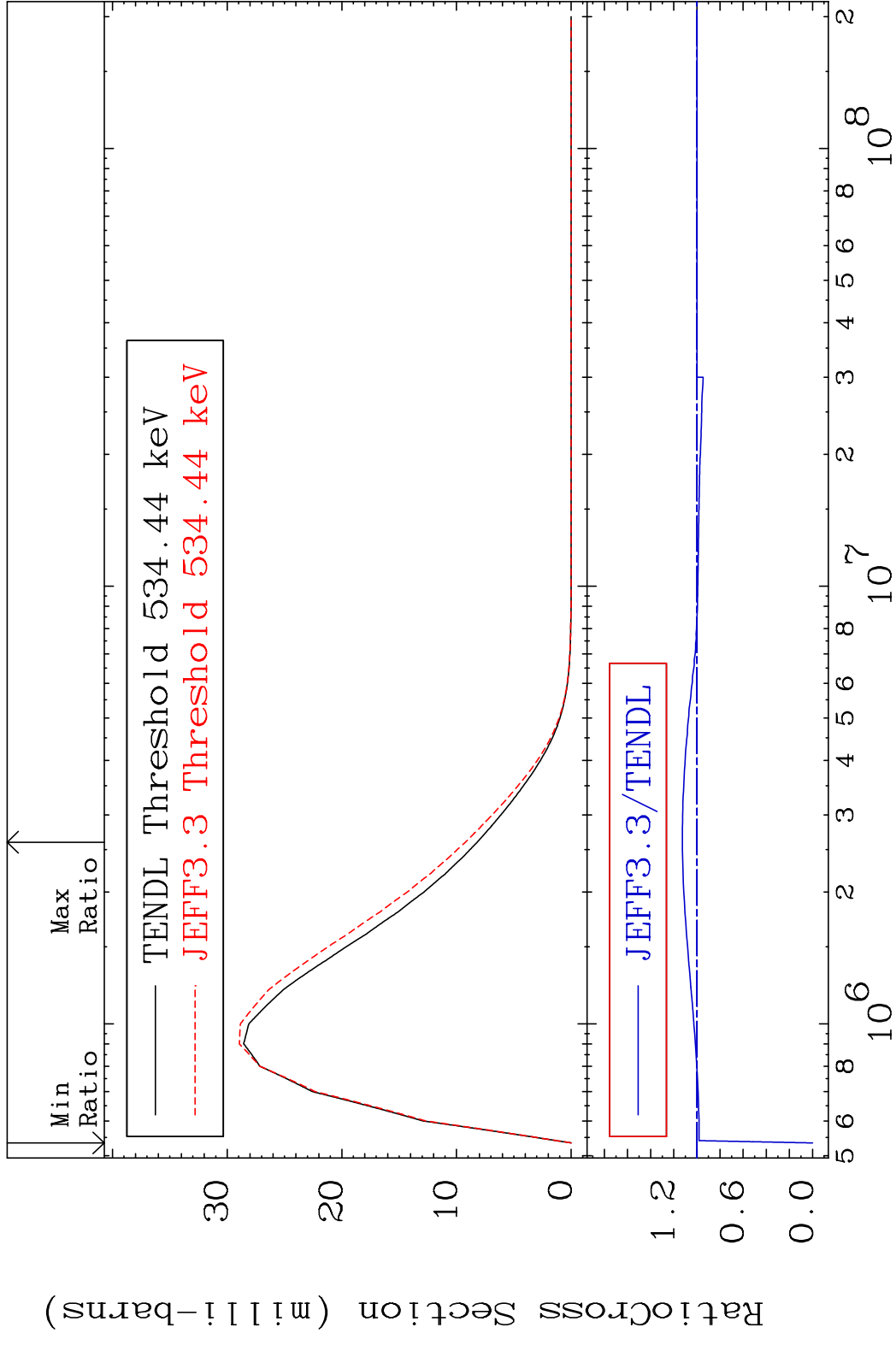


40 Incident Energy (eV) 33-As-74

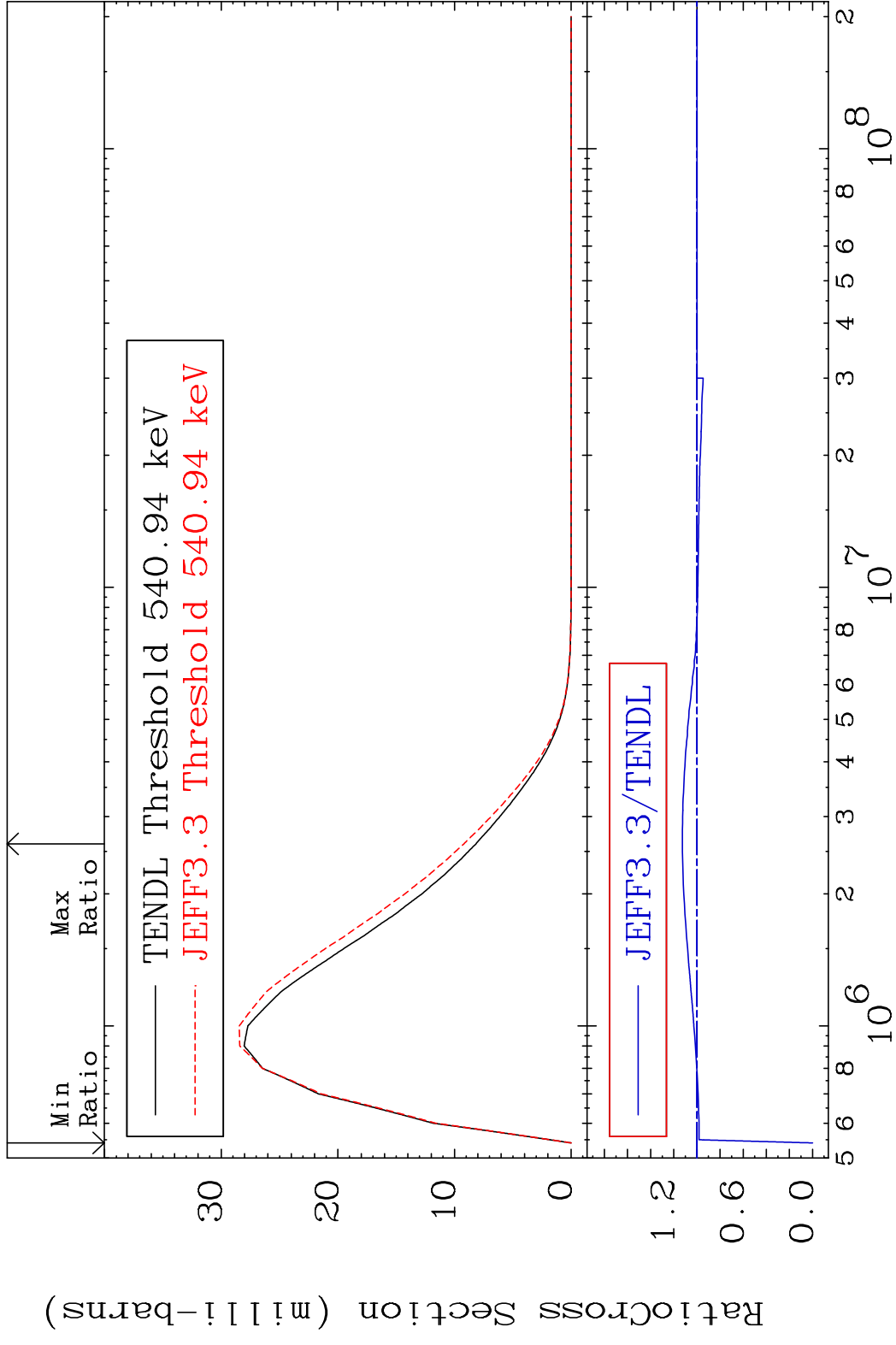
MAT 3322 MT= 71 (n, n') Level 33-As-74
 Cross Section -100.0 To 17.58 %



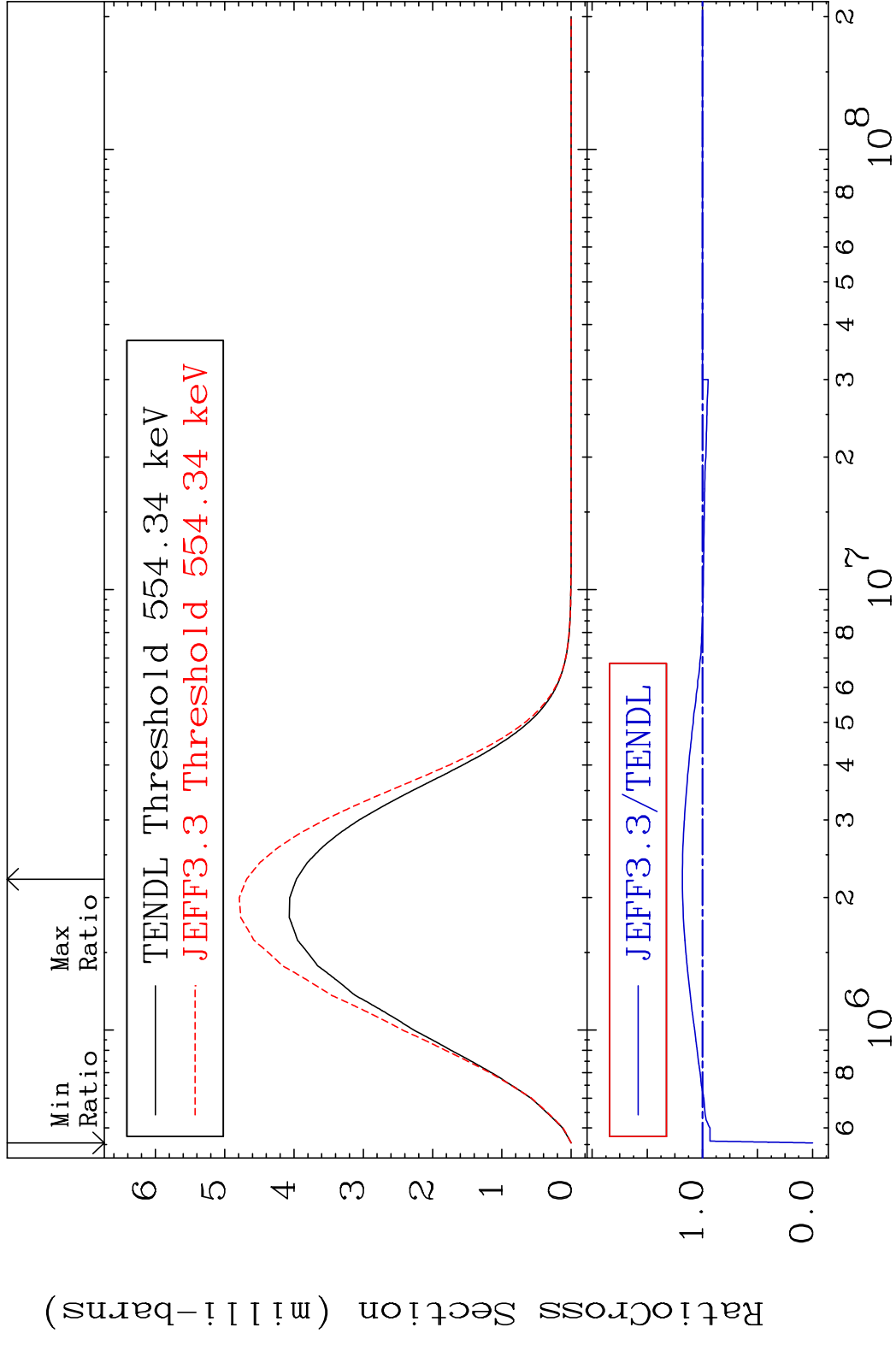
MAT 3322 MT= 72 (n, n') Level 33-As-74
 Cross Section -100.0 To 12.58 %



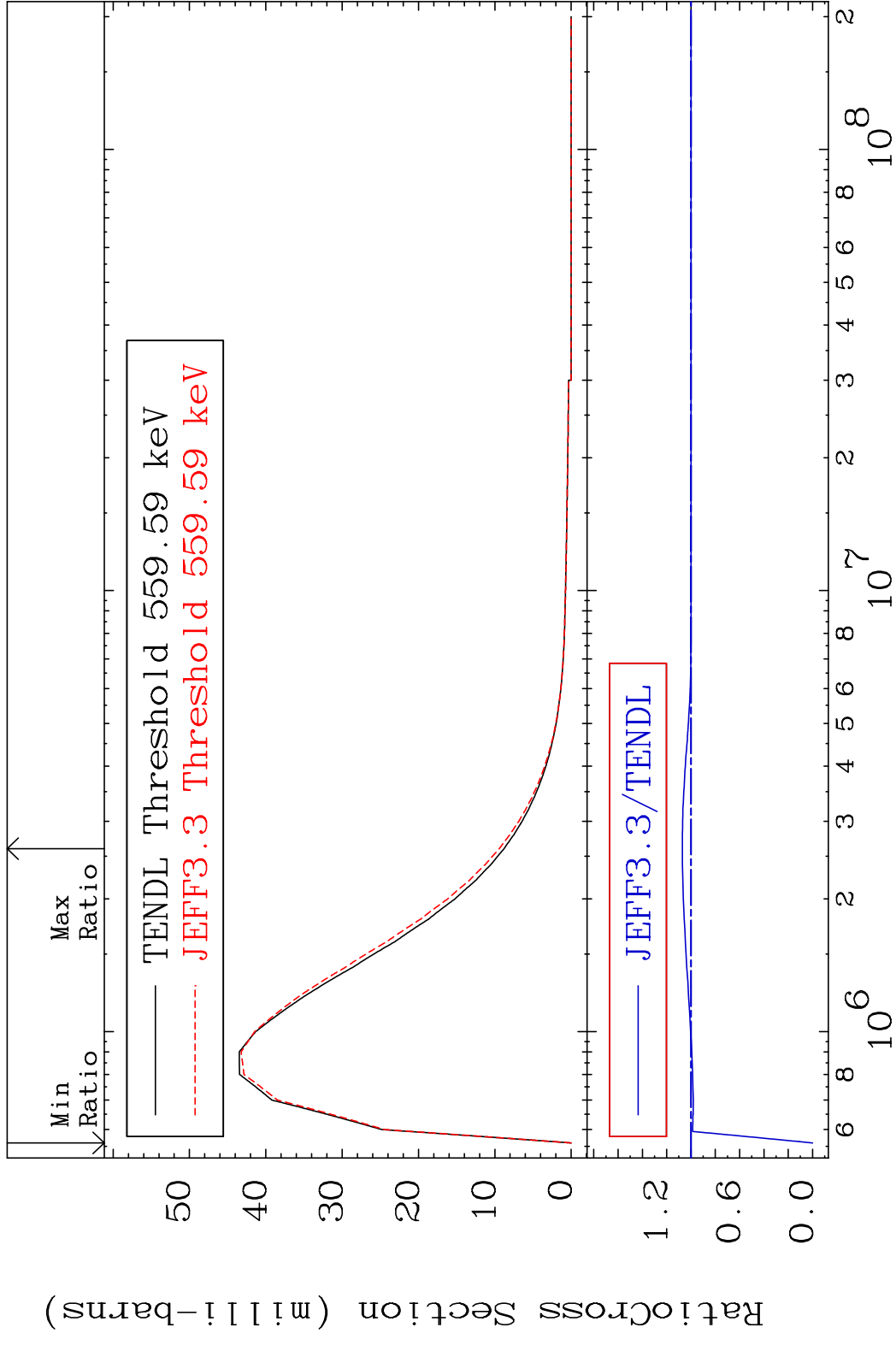
MAT 3322 MT= 73 (n, n') Level 33-As-74
 Cross Section -100.0 To 12.58 %



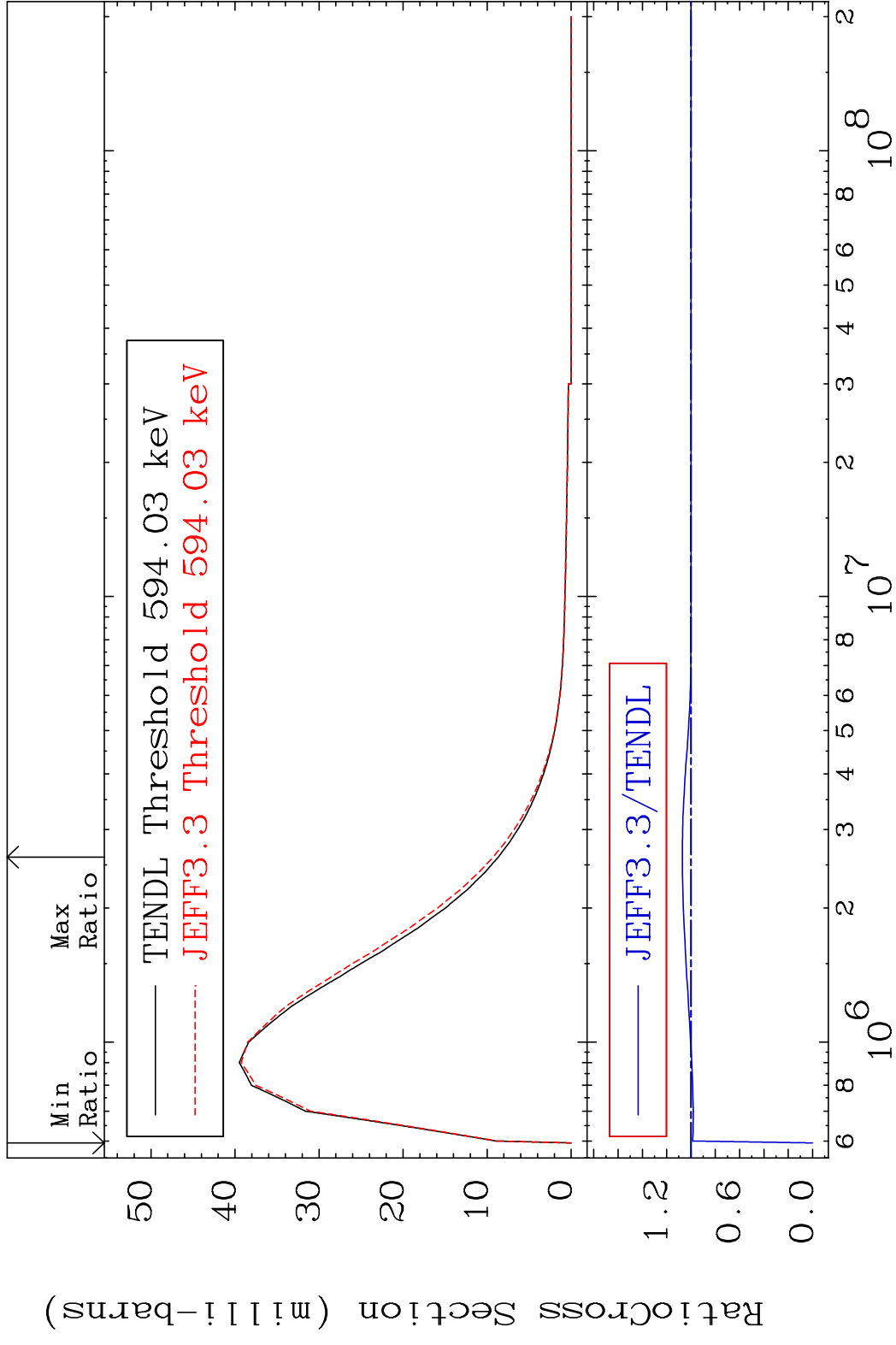
MAT 3322 MT= 74 (n,n') Level 33-As-74
 Cross Section -100.0 To 18.15 %



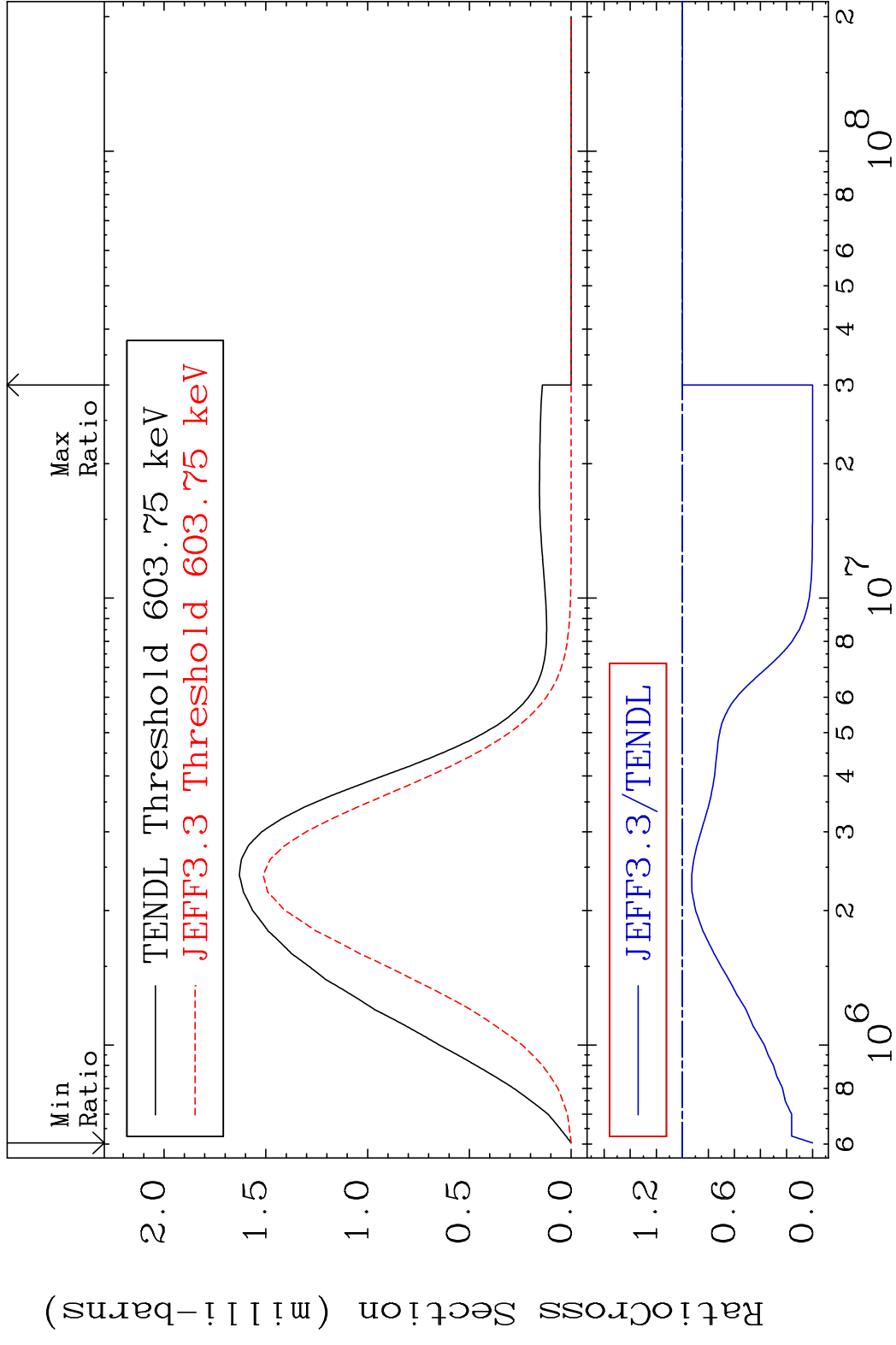
MAT 3322 MT= 75 (n,n') Level 33-As-74
 Cross Section -100.0 To 7.117 %



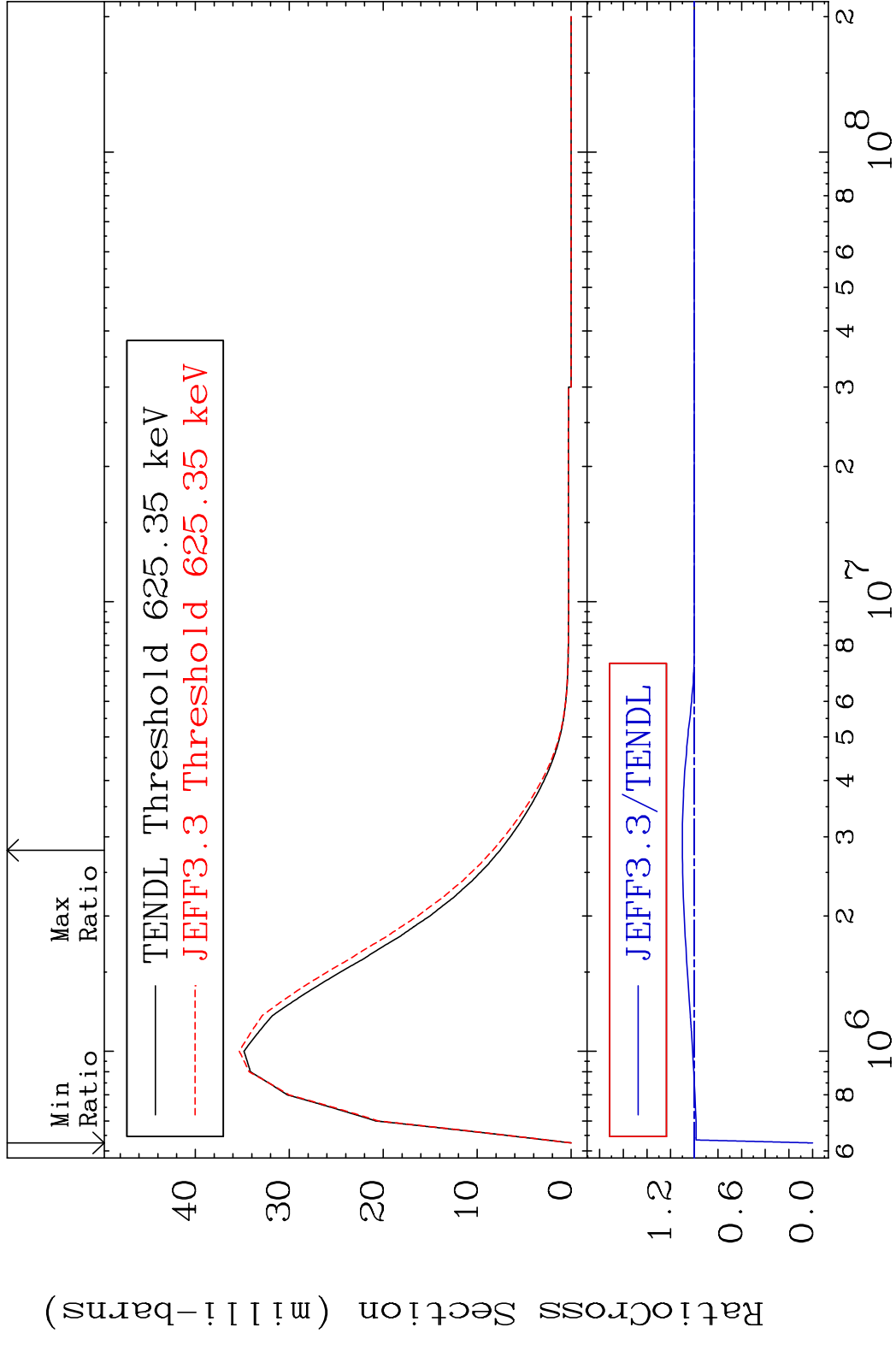
MAT 3322 MT= 76 (n,n') Level 33-As-74
 Cross Section -100.0 To 7.106 %



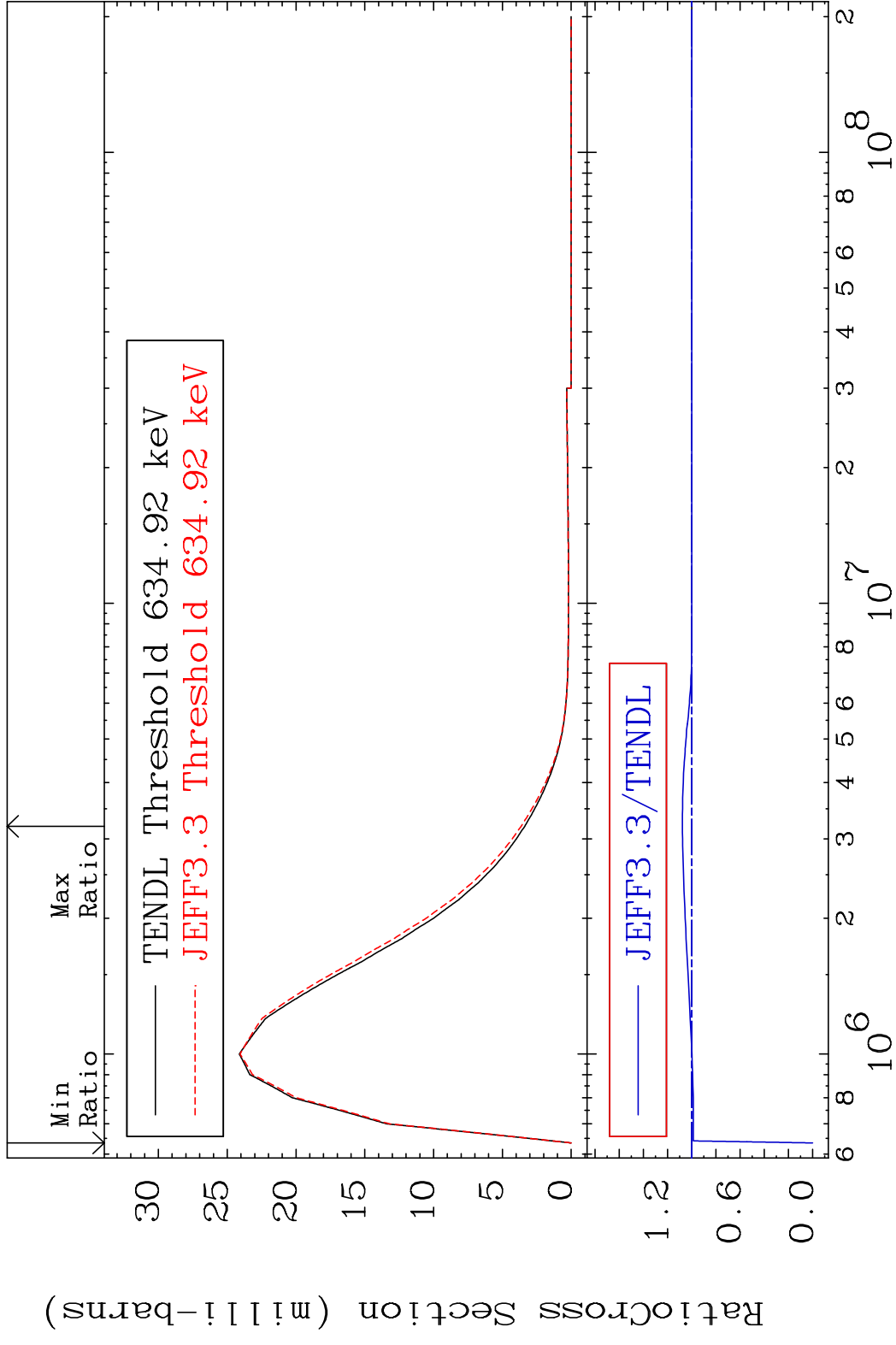
MAT 3322 MT= 77 (n, n') Level 33-As-74
 Cross Section -100.0 To 0.000 %



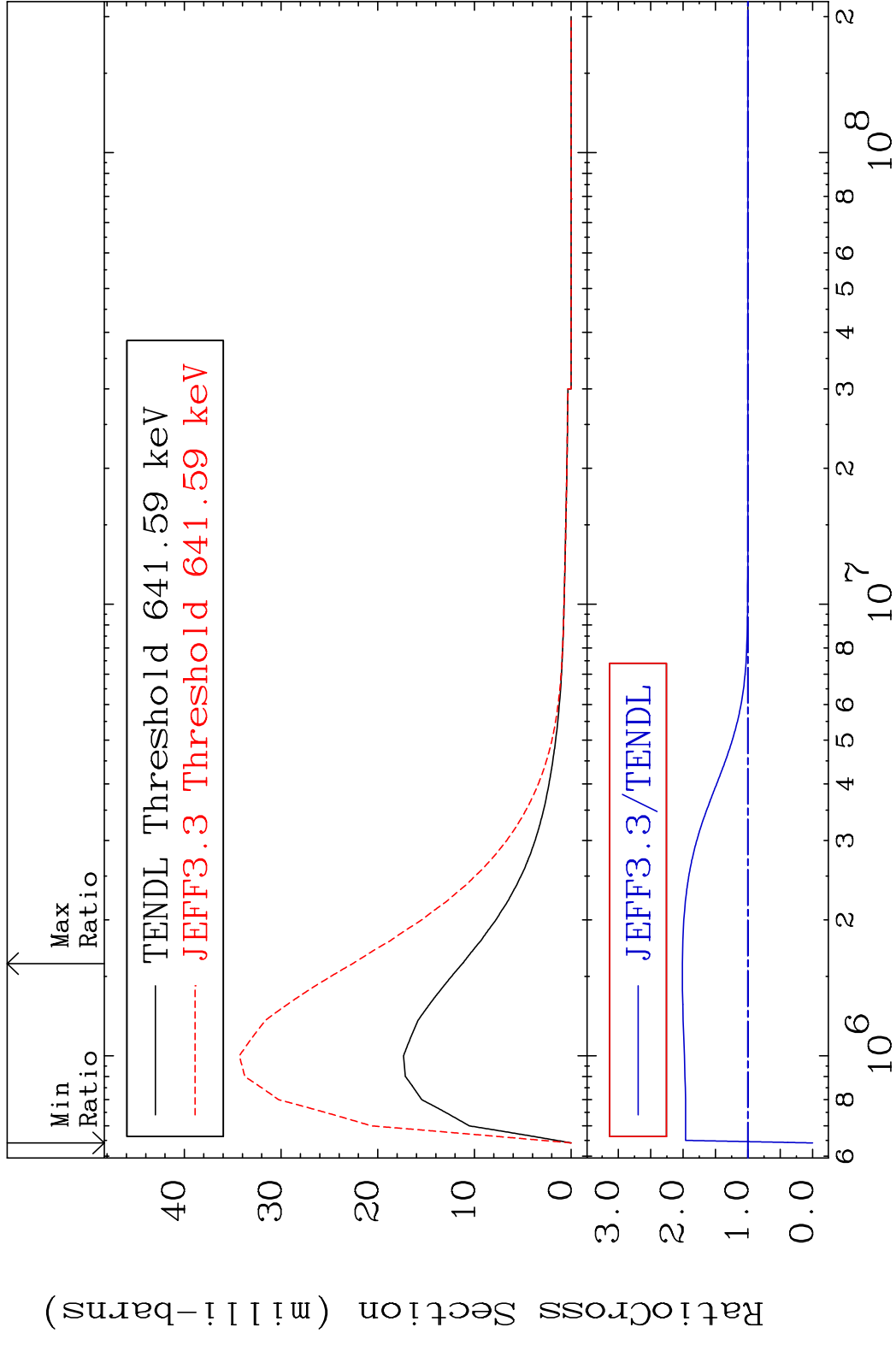
MAT 3322 MT= 78 (n,n') Level 33-As-74
 Cross Section -100.0 To 10.09 %



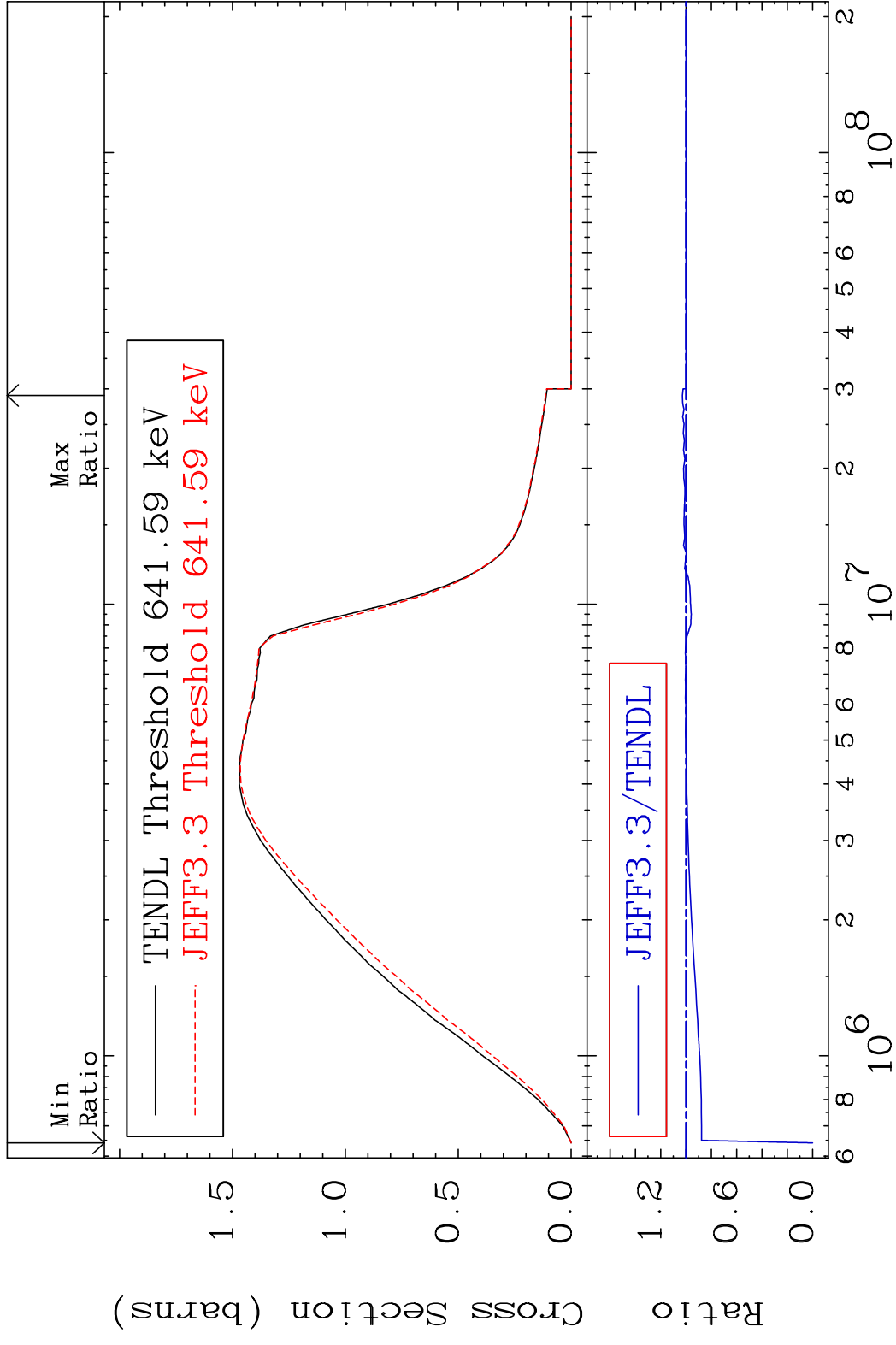
MAT 3322 MT= 79 (n, n') Level 33-As-74
 Cross Section -100.0 To 7.698 %



MAT 3322 MT= 80 (n,n') Level 33-As-74
 Cross Section -100.0 To 101.0 %



MAT 3322 (n,n') Continuum 33-As-74
 Cross Section -100.0 To 2.887 %

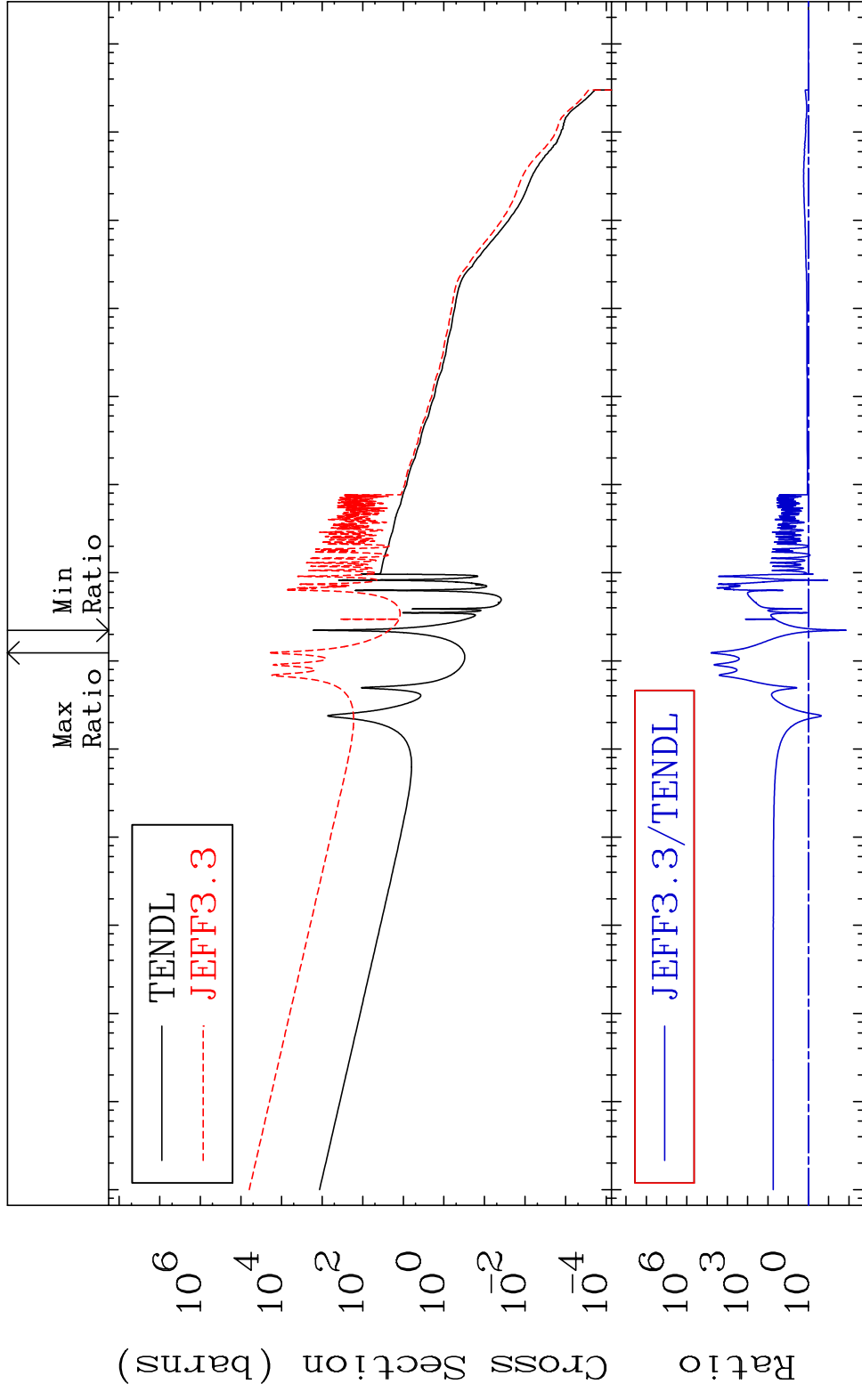


MAT 3322

33-As-74

(n, γ)

Cross Section -98.65 To 9999. %



Max Ratio
Min Ratio

TENDL
JEFF3.3

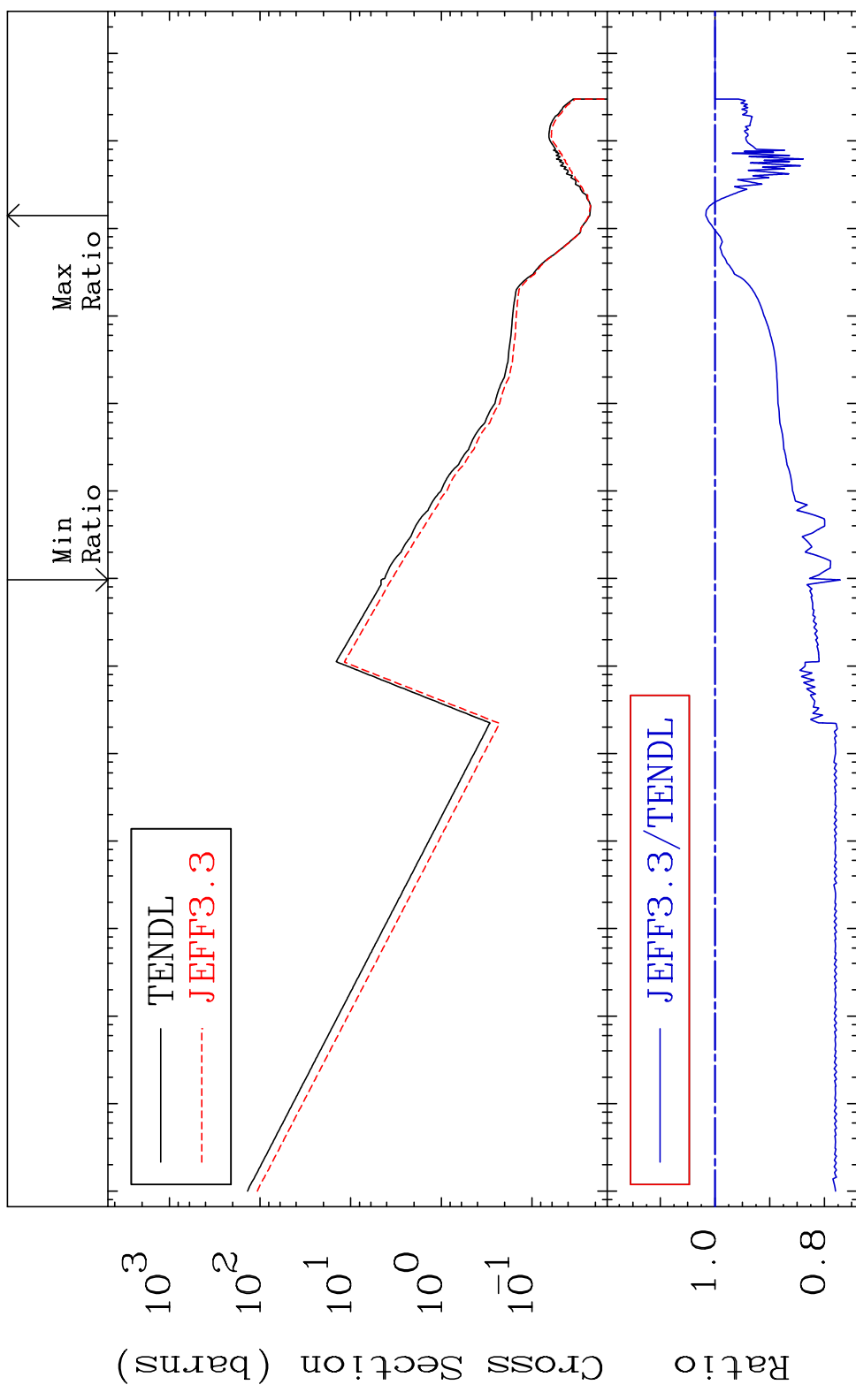
JEFF3.3/TENDL

MAT 3322

(n, p)

33-AS-74

Cross Section -22.94 To 1.678 %

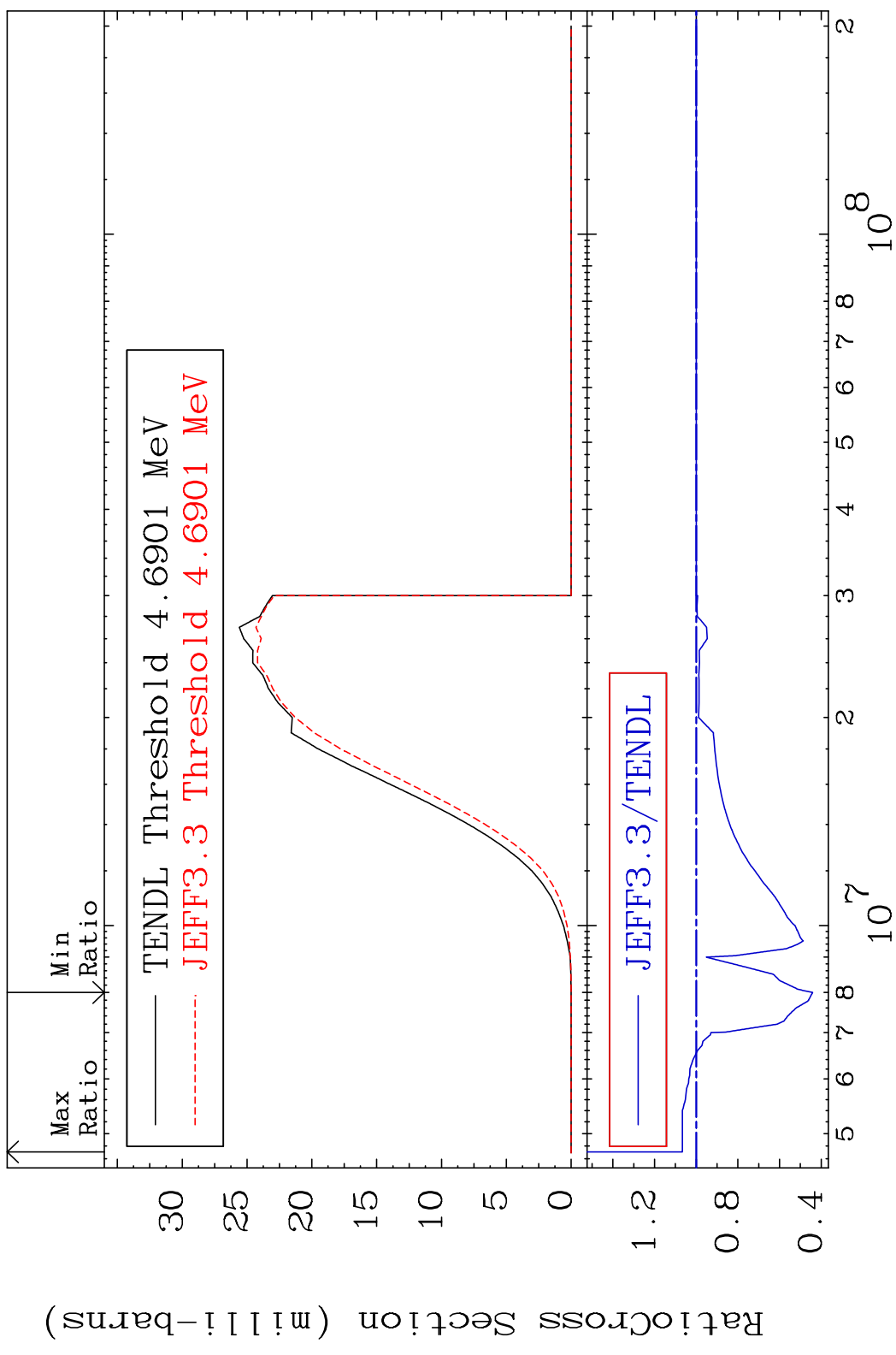


53

Incident Energy (eV)

33-AS-74

Cross Section -55.86 To 6.664 %

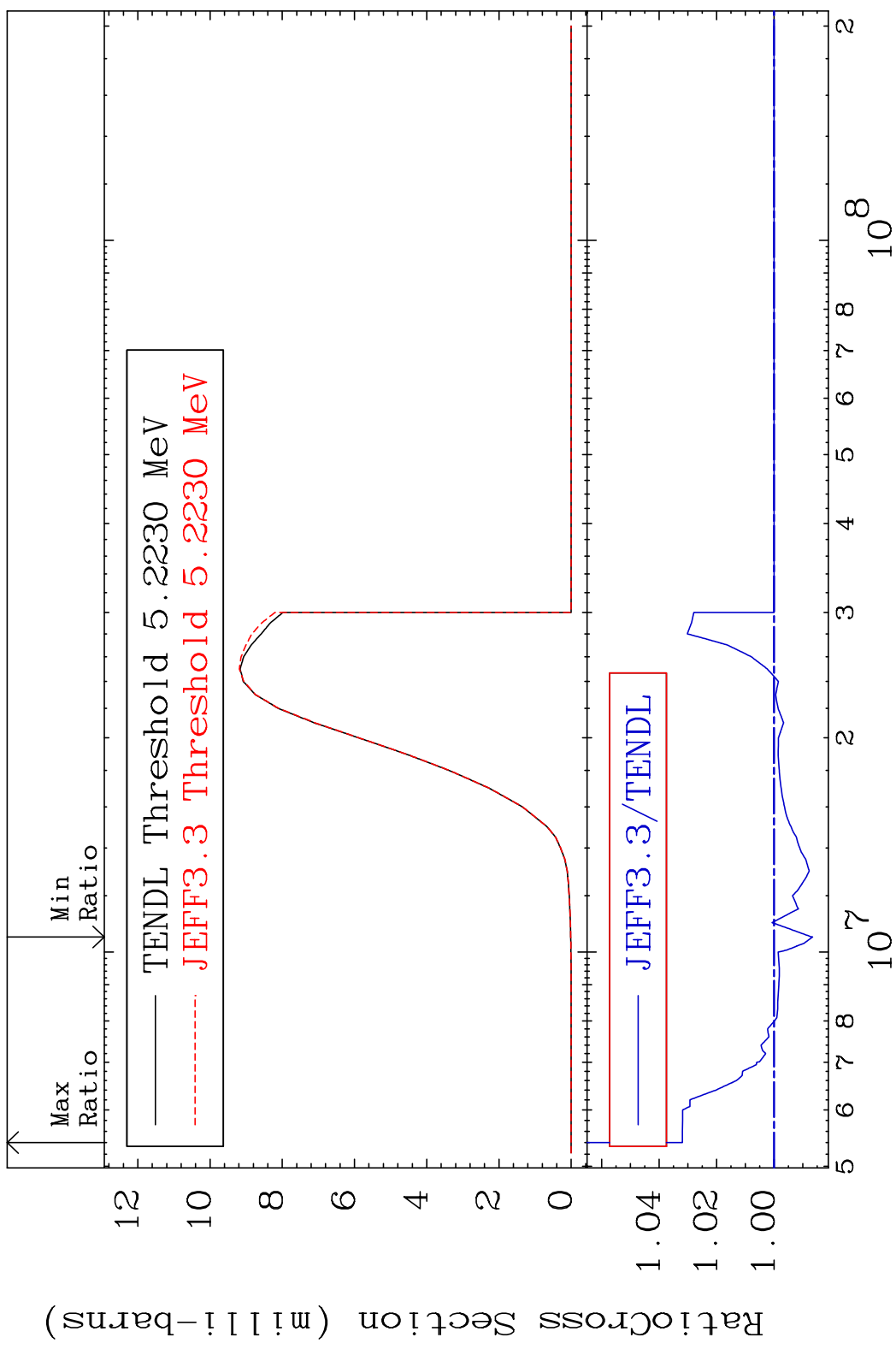


MAT 3322

(n, t)

33-As-74

Cross Section -1.342 To 3.192 %

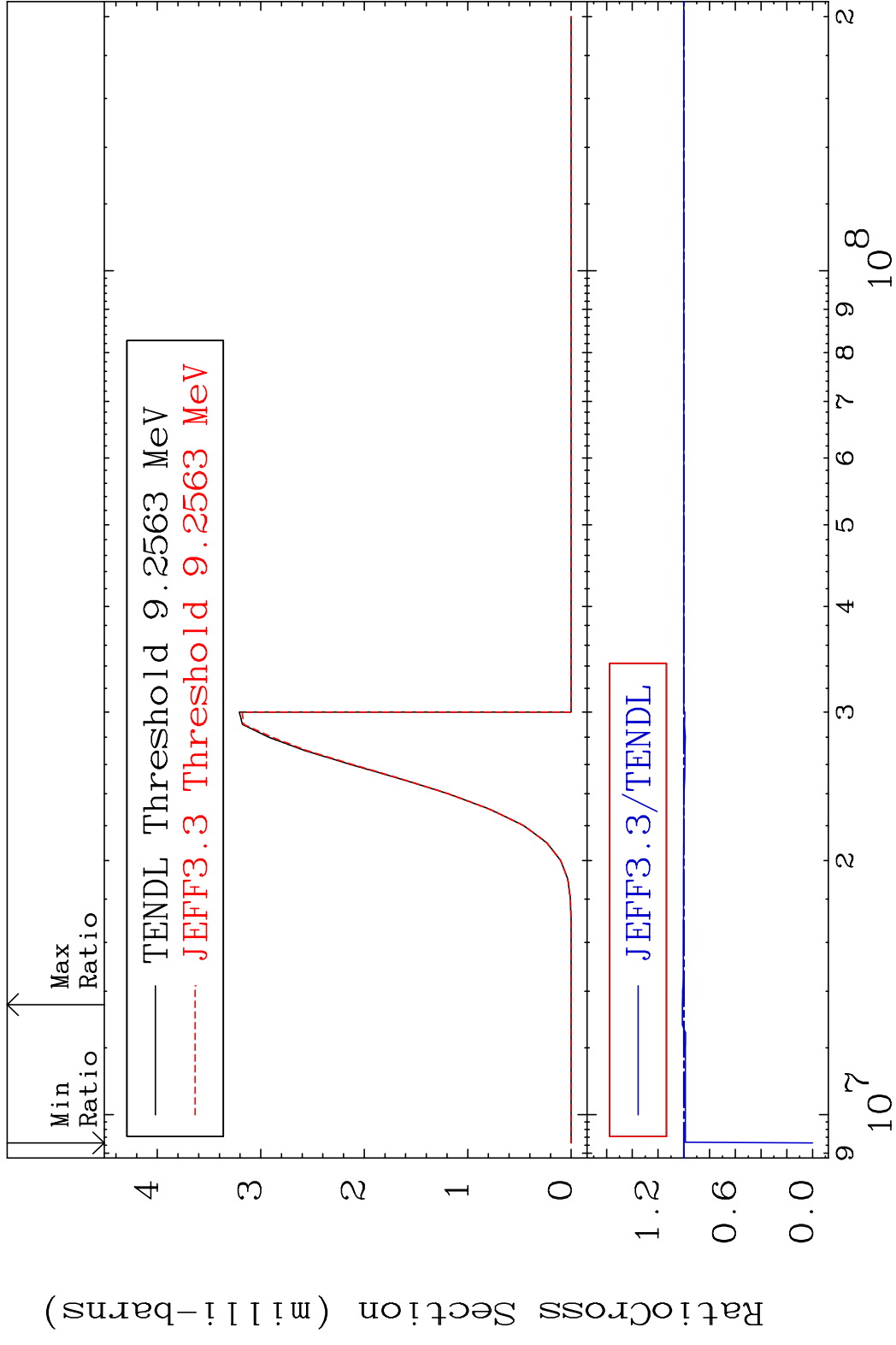


MAT 3322

(n, He-3)

33-AS-74

Cross Section -100.0 To 1.139 %



56

Incident Energy (eV)

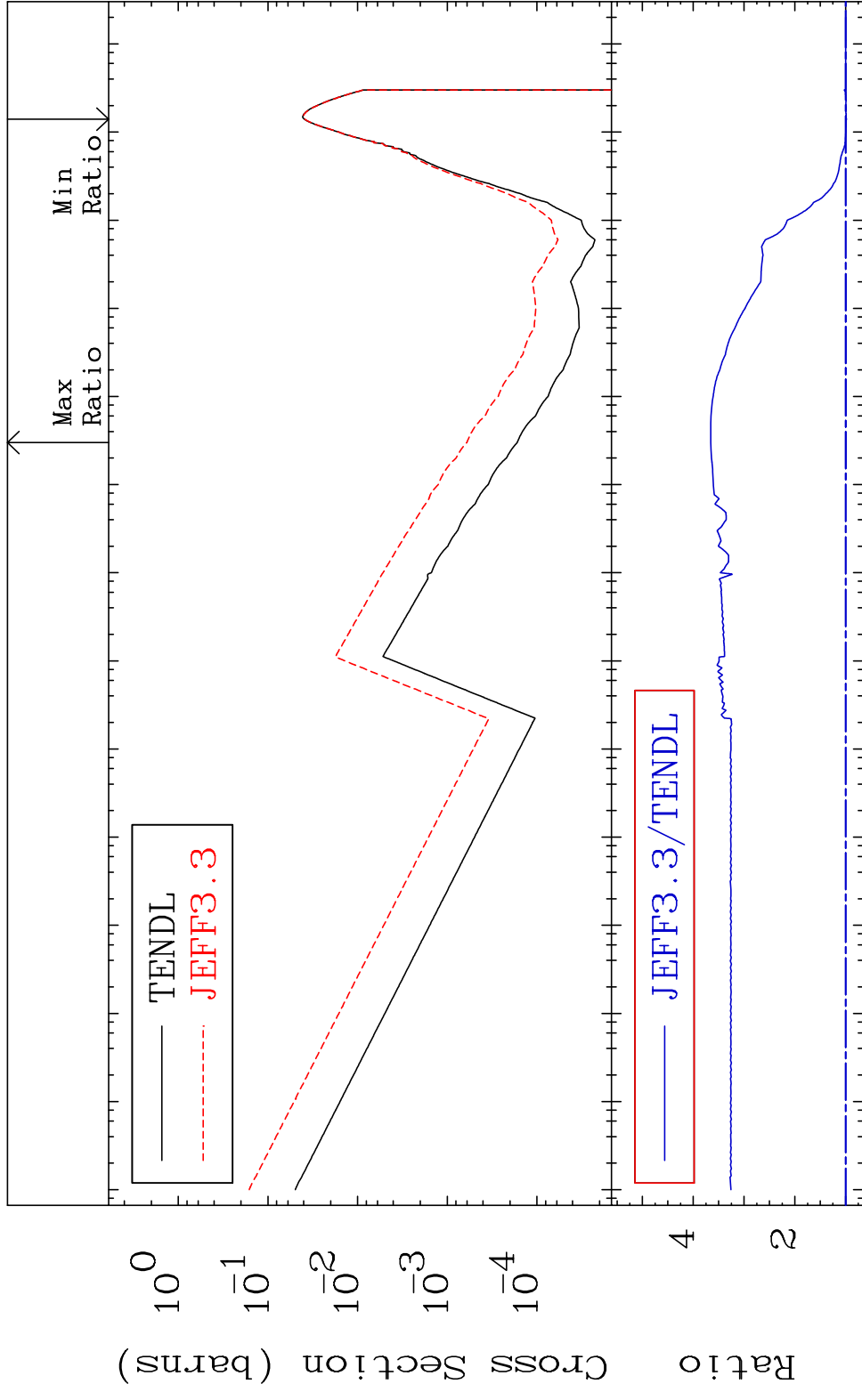
33-AS-74

MAT 3322

(n, α)

33-As-74

Cross Section -1.332 To 265.6 %



57

Incident Energy (eV)

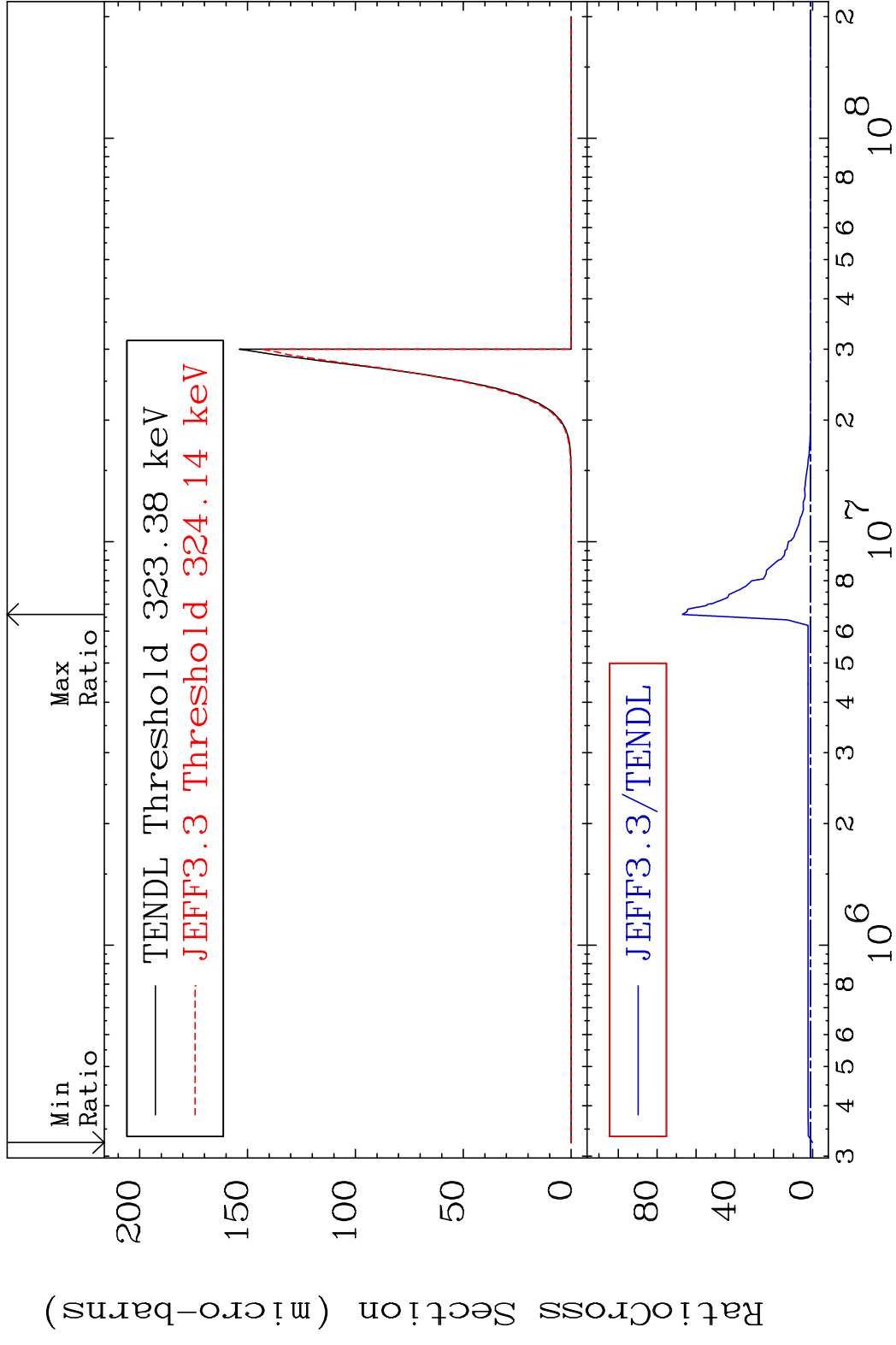
33-As-74

MAT 3322

(n,2α)

33-As-74

Cross Section -100.0 To 6602. %

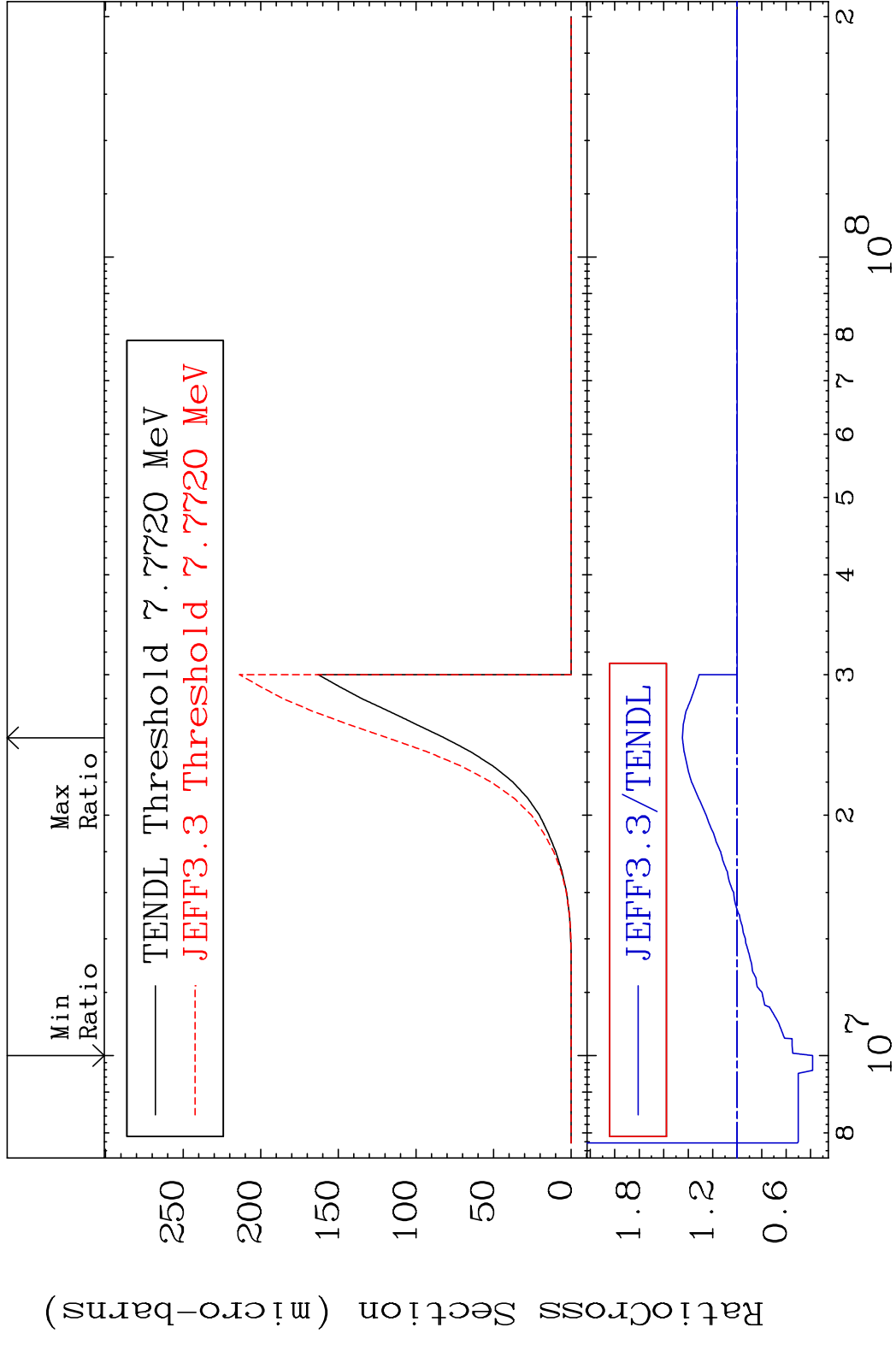


MAT 3322

(n,2p)

33-As-74

Cross Section -61.58 To 44.78 %



59

Incident Energy (eV)

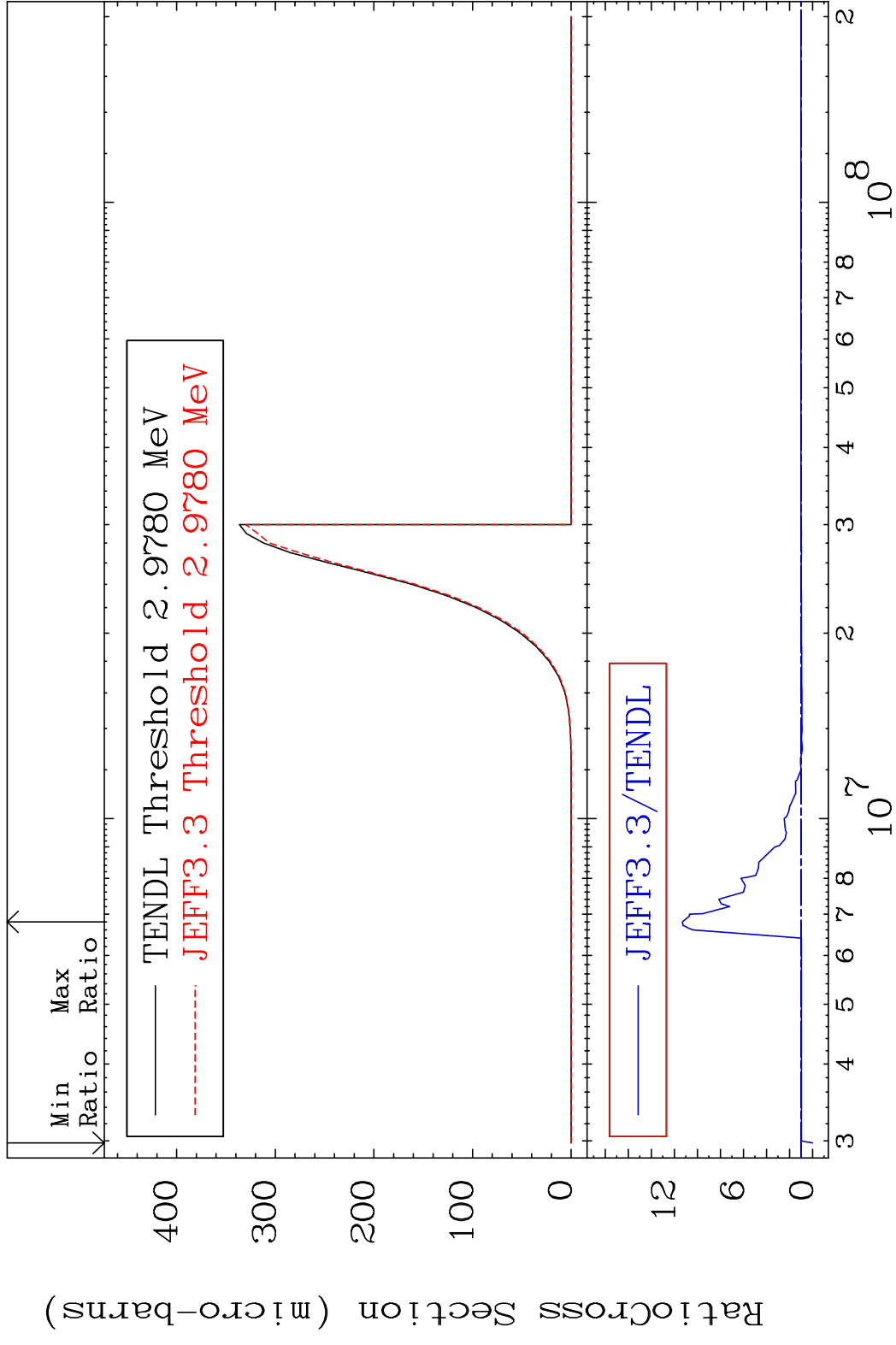
33-As-74

MAT 3322

(n,p) α

33-AS-74

Cross Section -100.0 To 1031. %

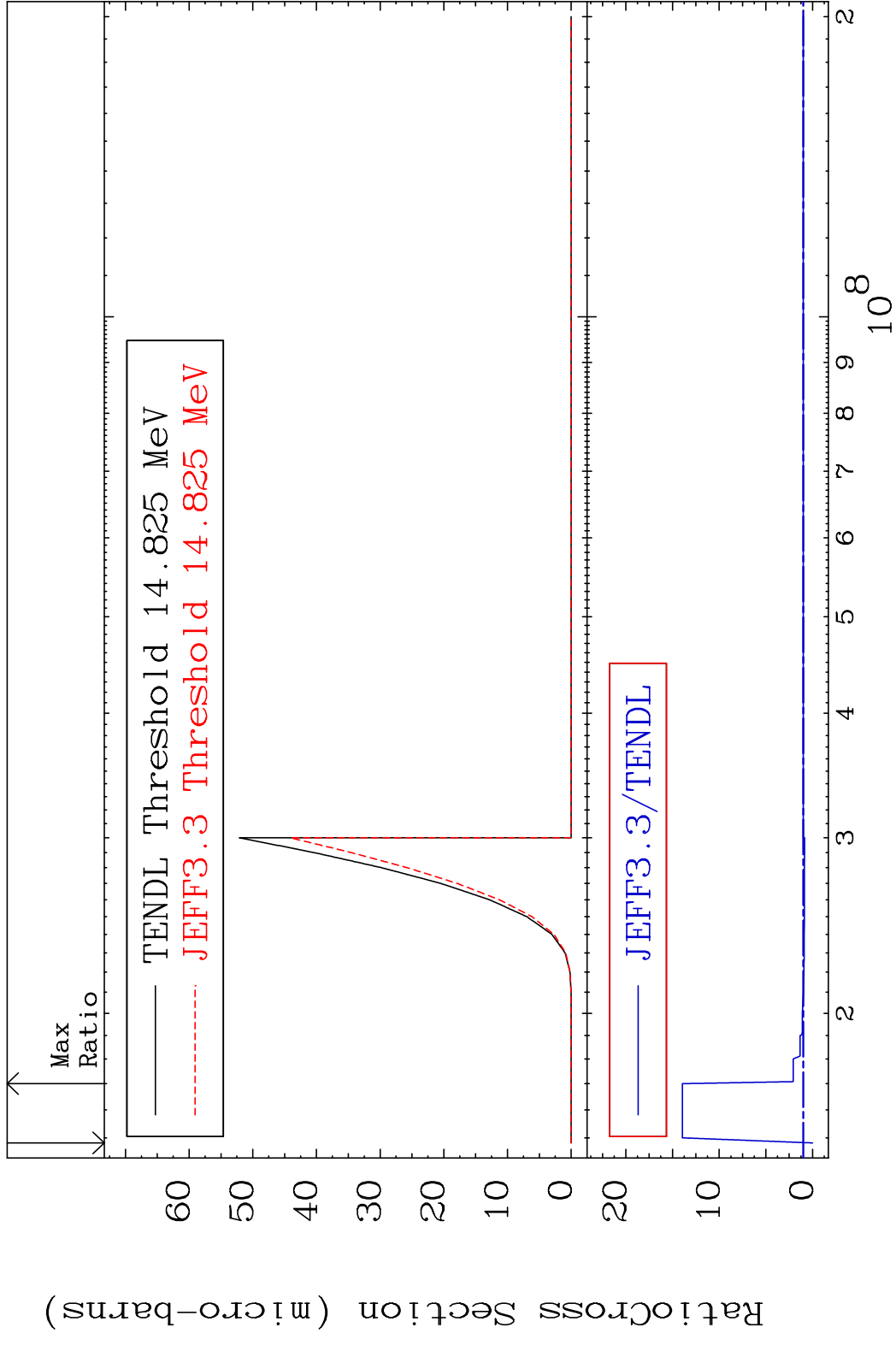


60

Incident Energy (eV)

33-AS-74

MAT 3322 (n,p) d 33-As-74
 Cross Section -100.0 To 1294. %

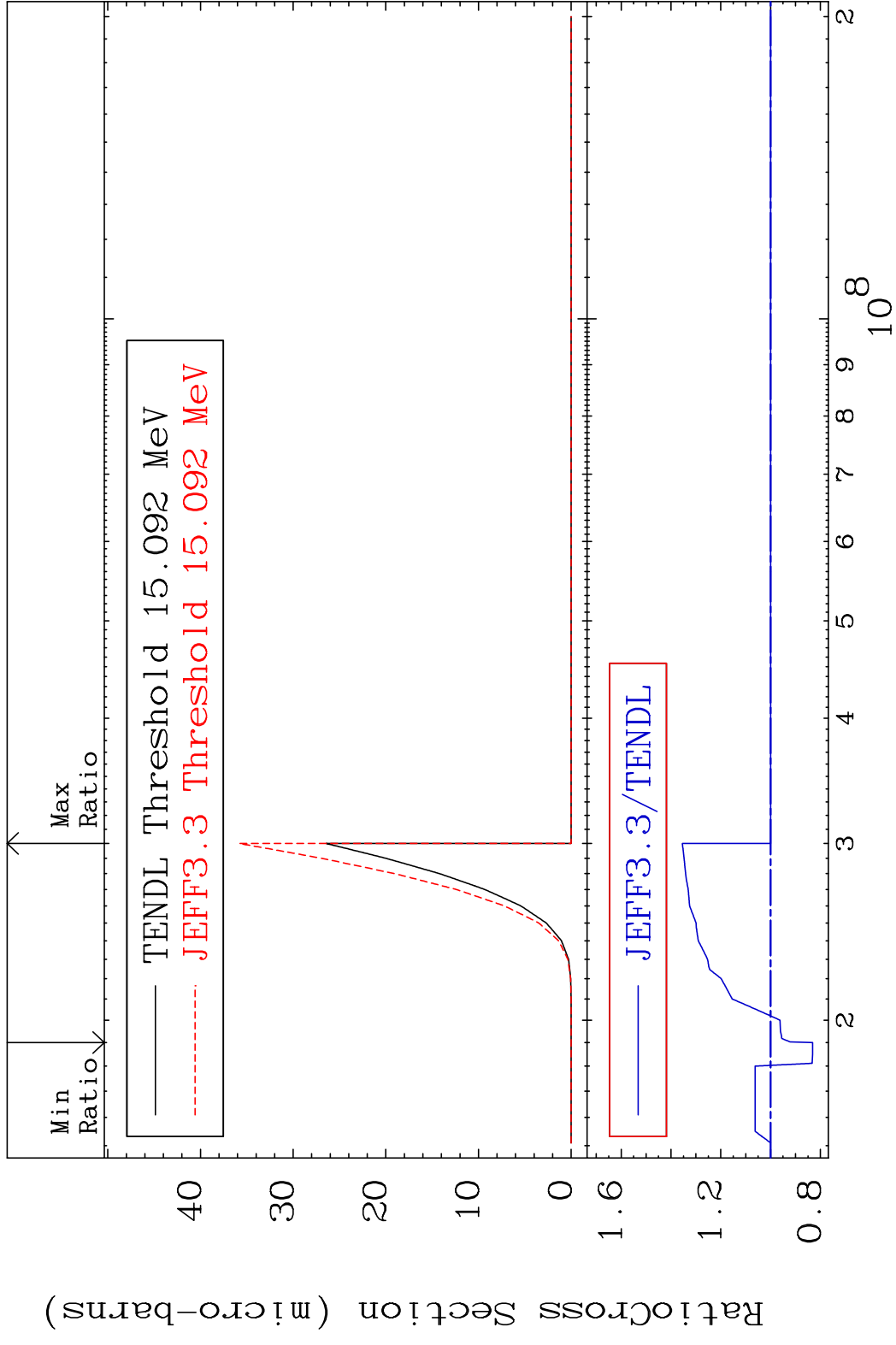


MAT 3322

(n,p) t

33-As-74

Cross Section -16.85 To 35.44 %

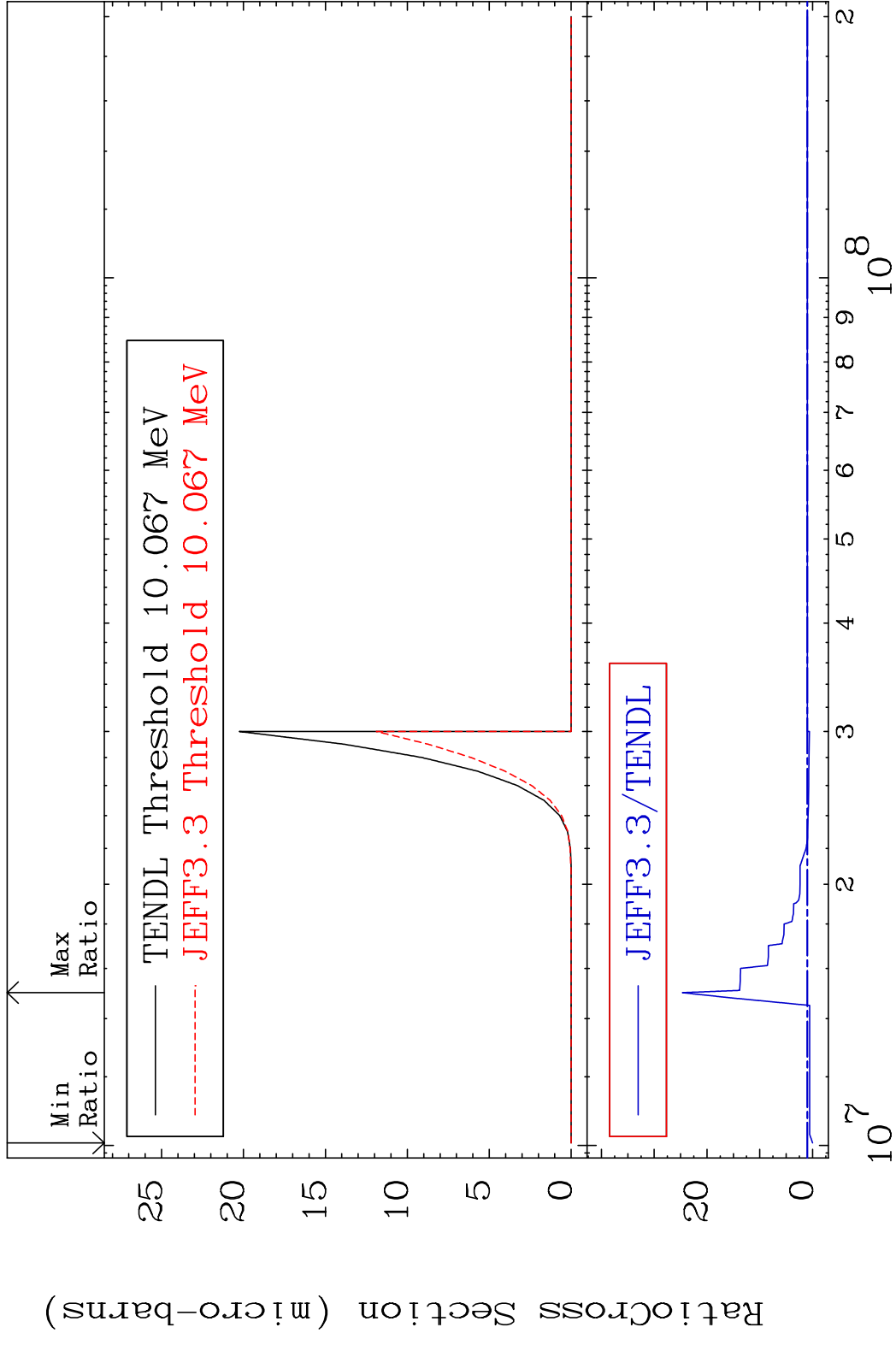


MAT 3322

(n,d) α

33-AS-74

Cross Section -100.0 To 2367. %



63

Incident Energy (eV)

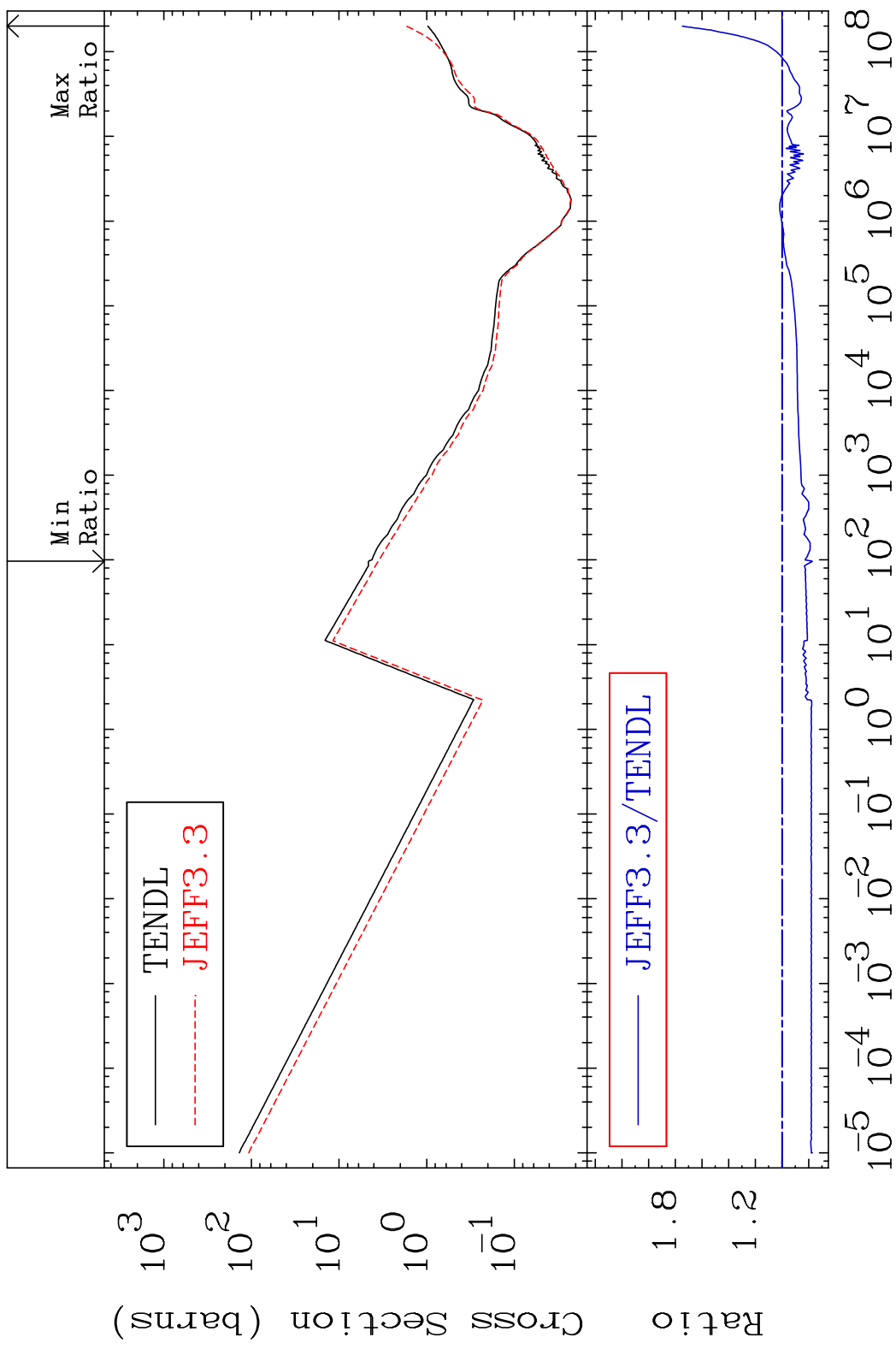
33-AS-74

MAT 3322

Hydrogen Production

33-As-74

Cross Section -22.94 To 74.69 %



64

Incident Energy (eV)

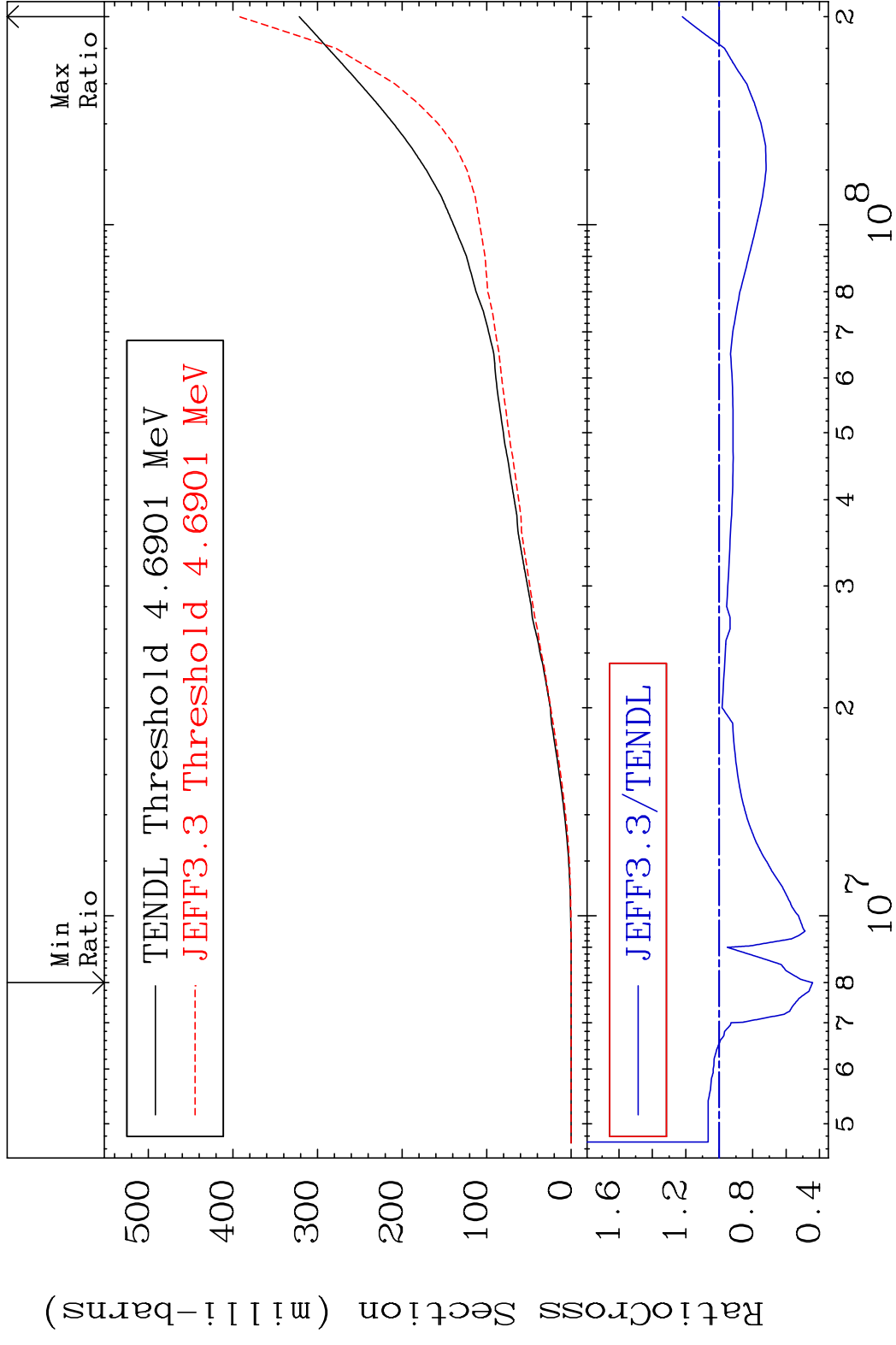
33-As-74

MAT 3322

Deuterium Production

33-As-74

Cross Section -55.86 To 22.05 %



65

Incident Energy (eV)

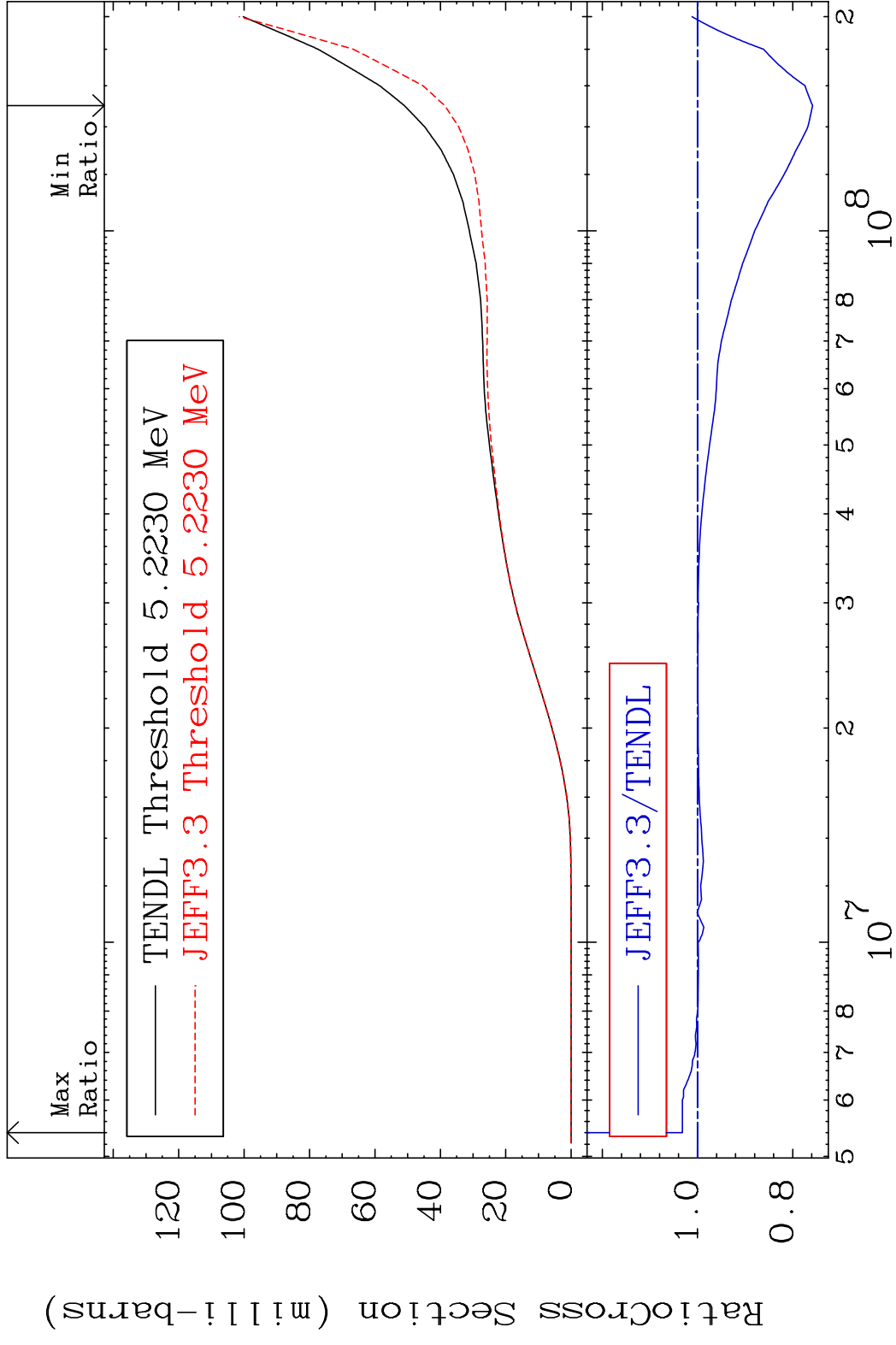
33-As-74

MAT 3322

Tritium Production

33-As-74

Cross Section -24.18 To 3.192 %



66

Incident Energy (eV)

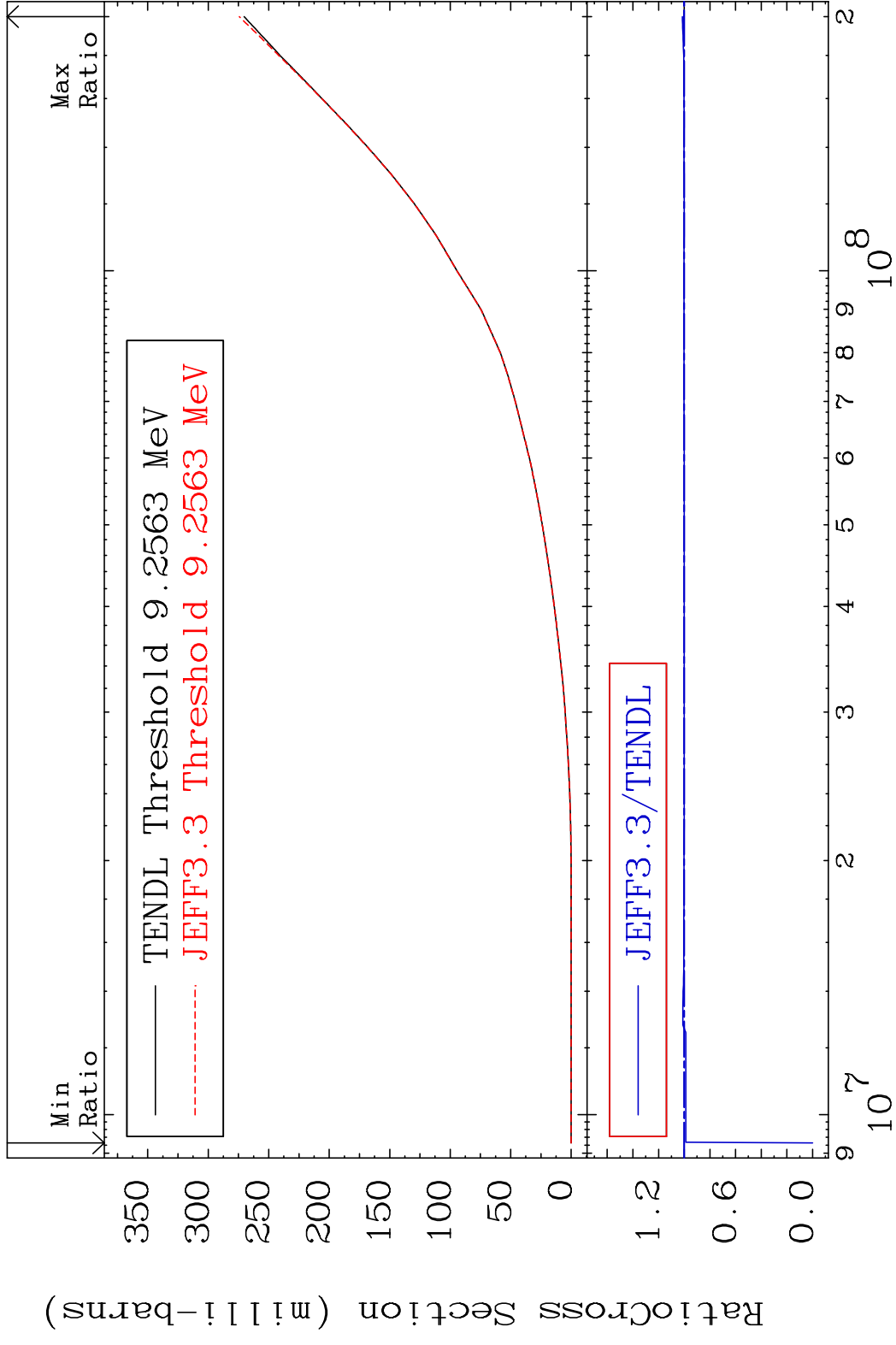
33-As-74

MAT 3322

He-3 Production

33-As-74

Cross Section -100.0 To 1.462 %



67

Incident Energy (eV)

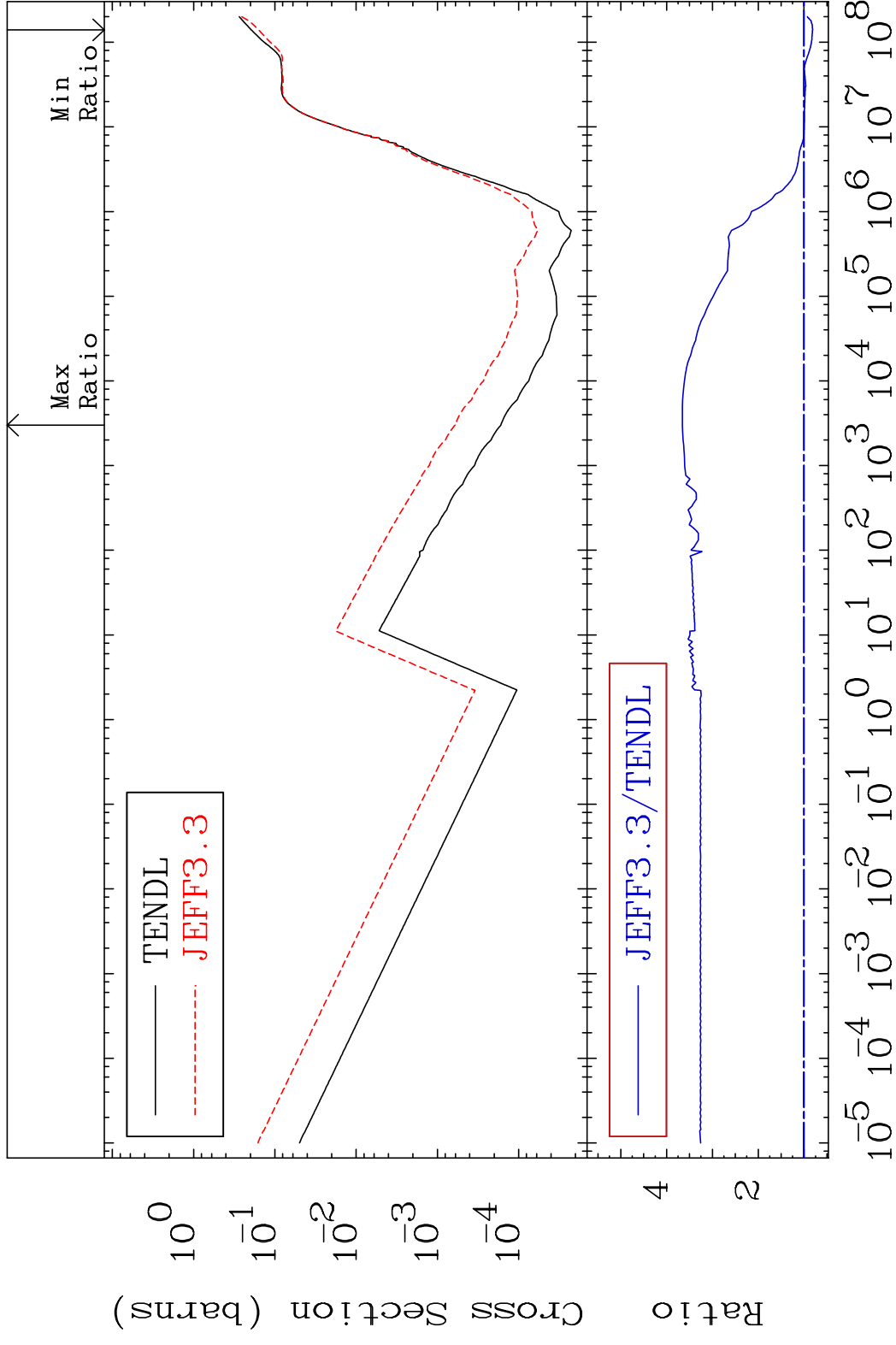
33-As-74

MAT 3322

He-4 Production

33-As-74

Cross Section -18.62 To 265.6 %

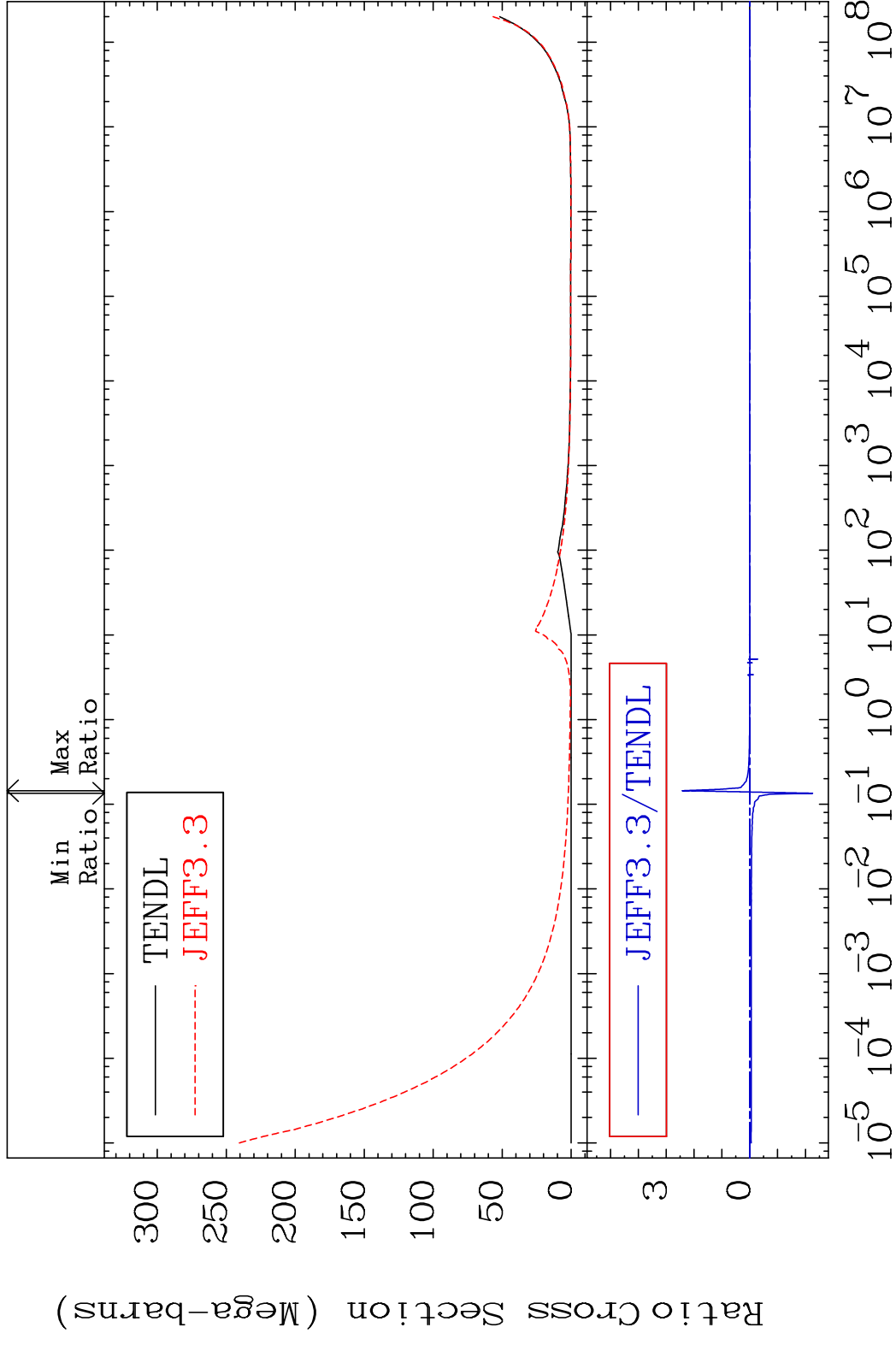


68

Incident Energy (eV)

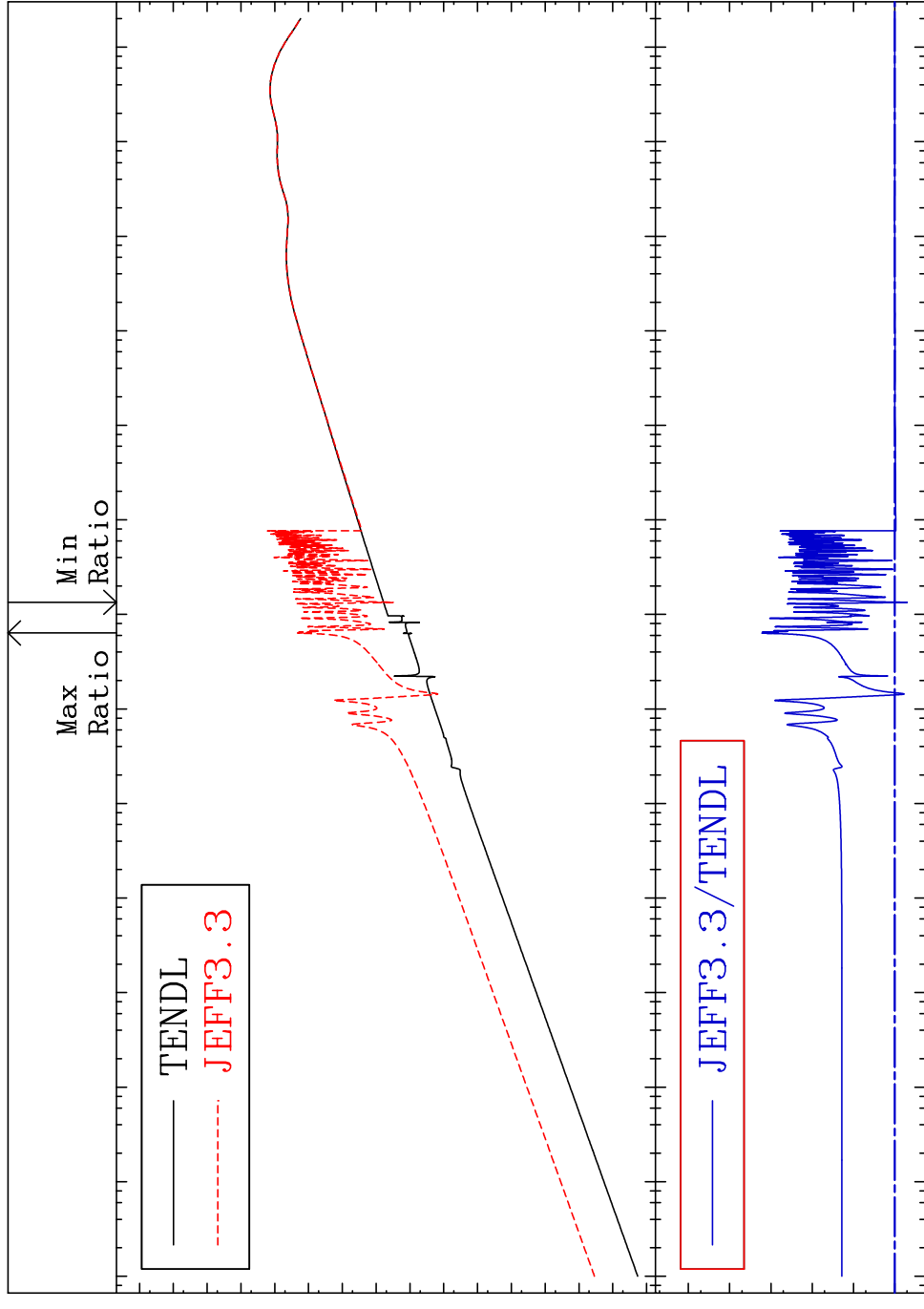
33-As-74

MAT 3322 Kerma total (eV-barns) 33-As-74
 Cross Section -9999. To 9999. %



MAT 3322

Kerma elastic Cross Section -50.27 To 9999. %
33-As-74

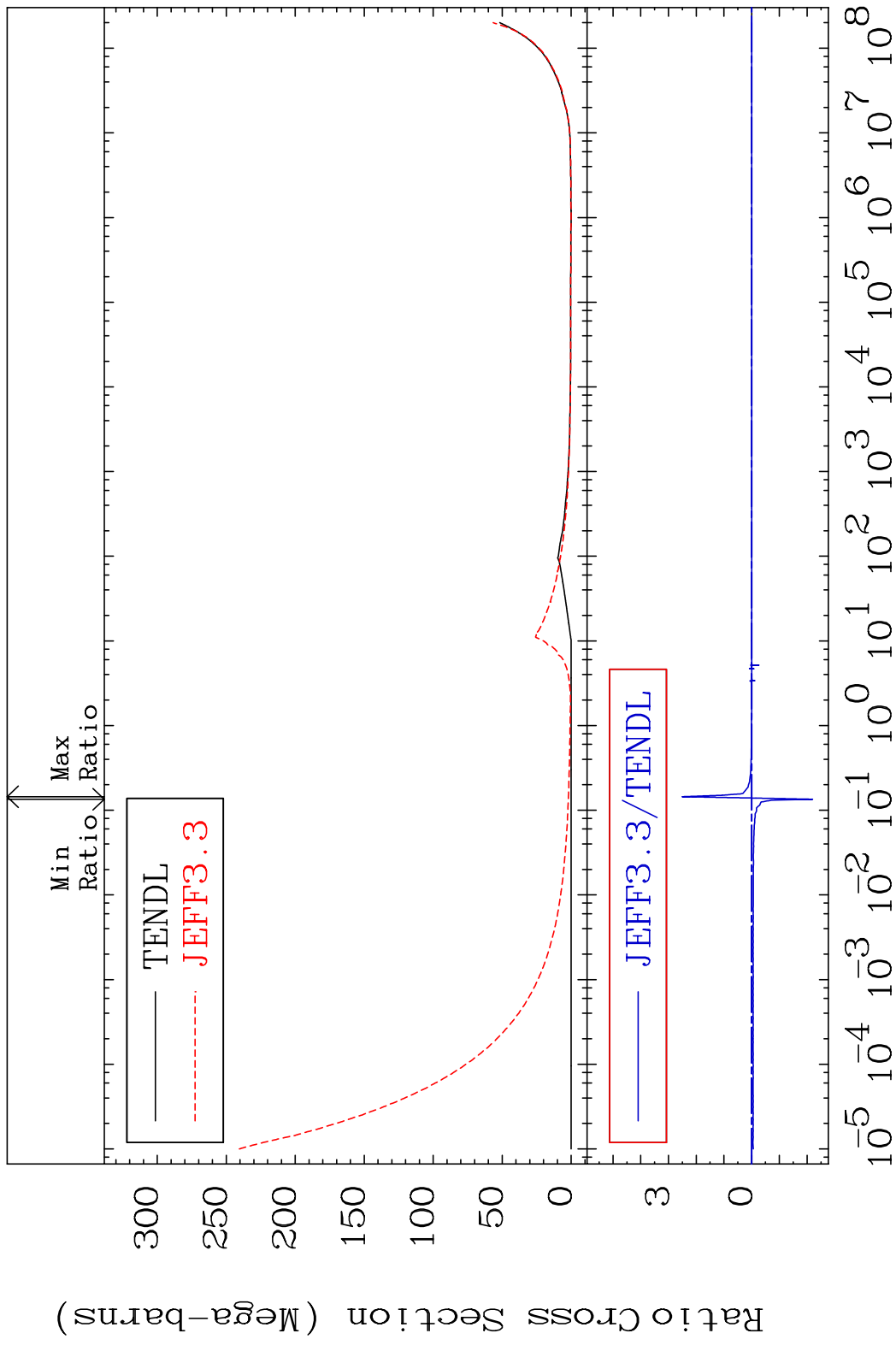


70

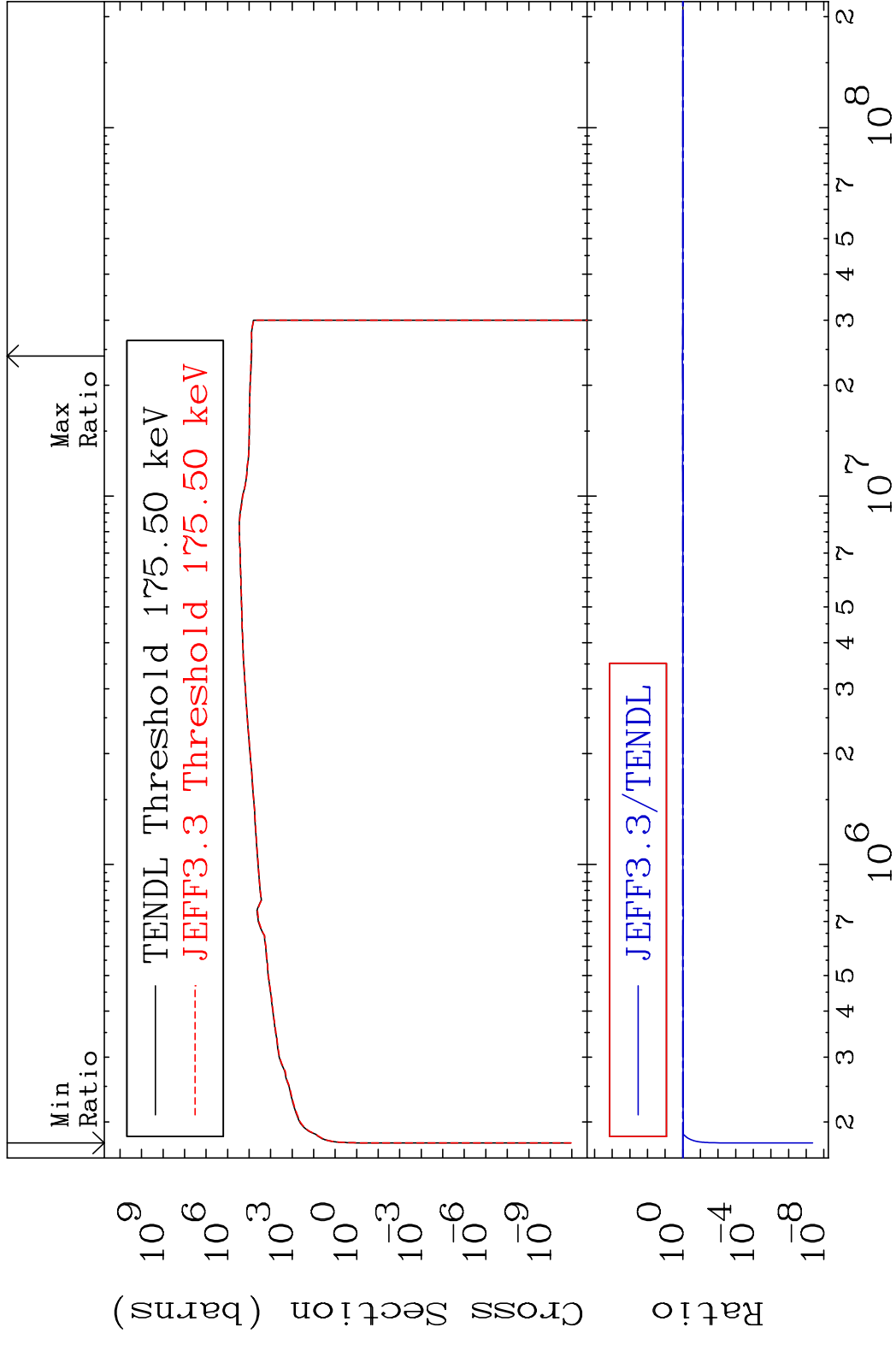
Incident Energy (eV)

33-As-74

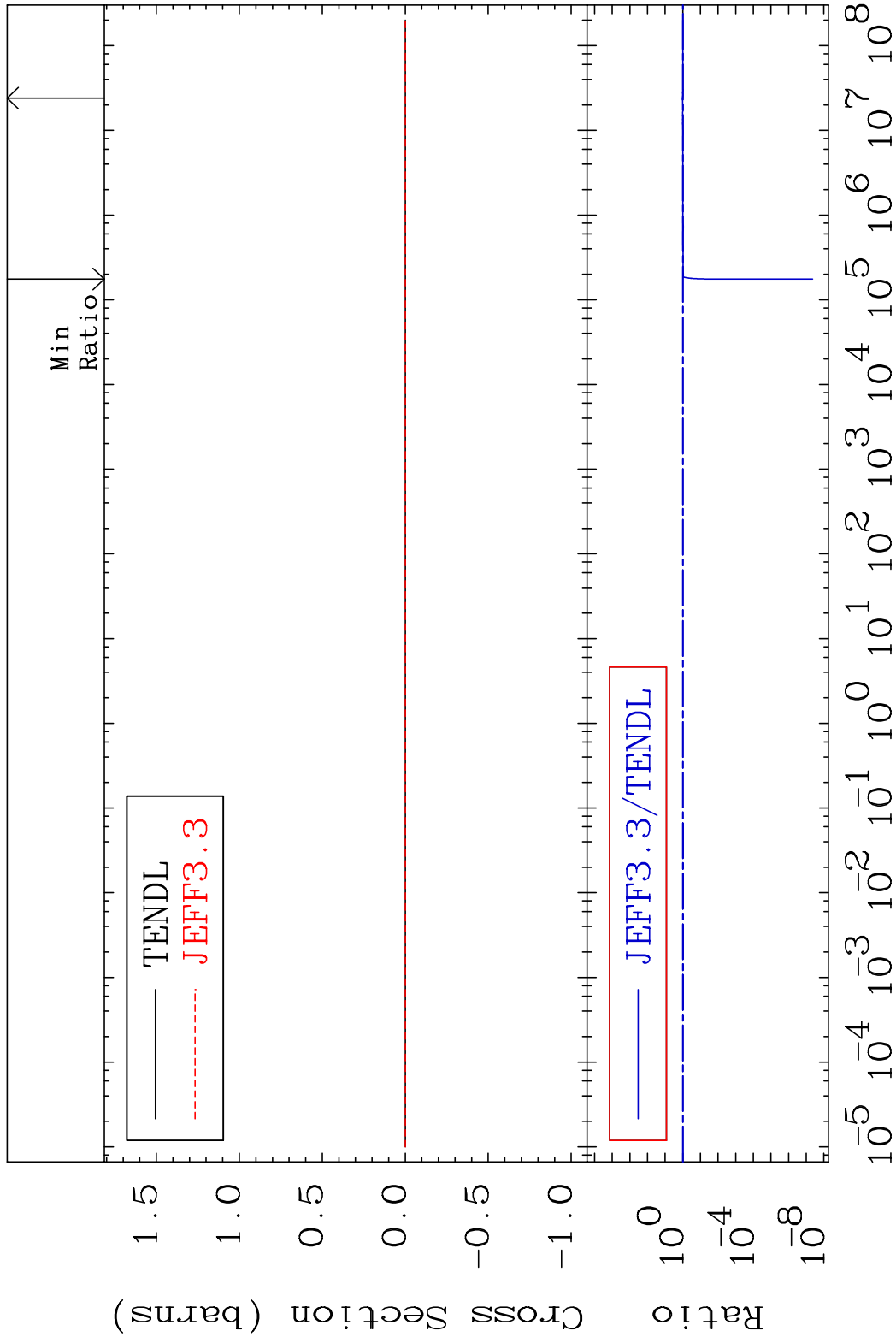
MAT 3322 Kerma non-elastic (all but mt2) 33-As-74
 Cross Section -9999. To 9999. %



MAT 3322 Kerma inelastic (mt51-91) 33-As-74
 Cross Section -100.0 To 5.515 %



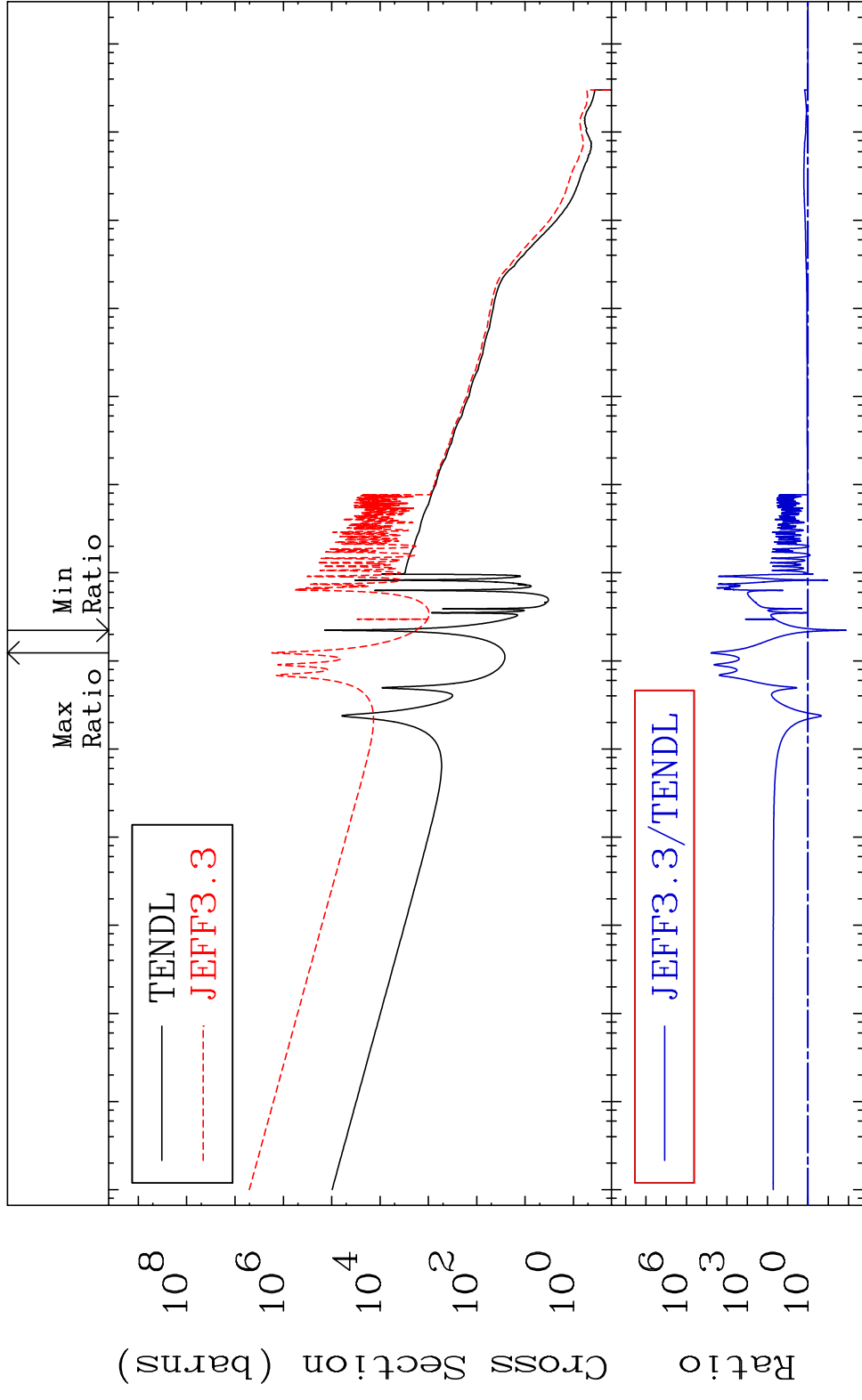
MAT 3322 Kerma fission (mt18 or mt19-20-21-38) 33-As-74
 Cross Section -100.0 To 5.515 %



MAT 3322

Kerma capture (mt102) 33-As-74

Cross Section -98.71 To 9999. %



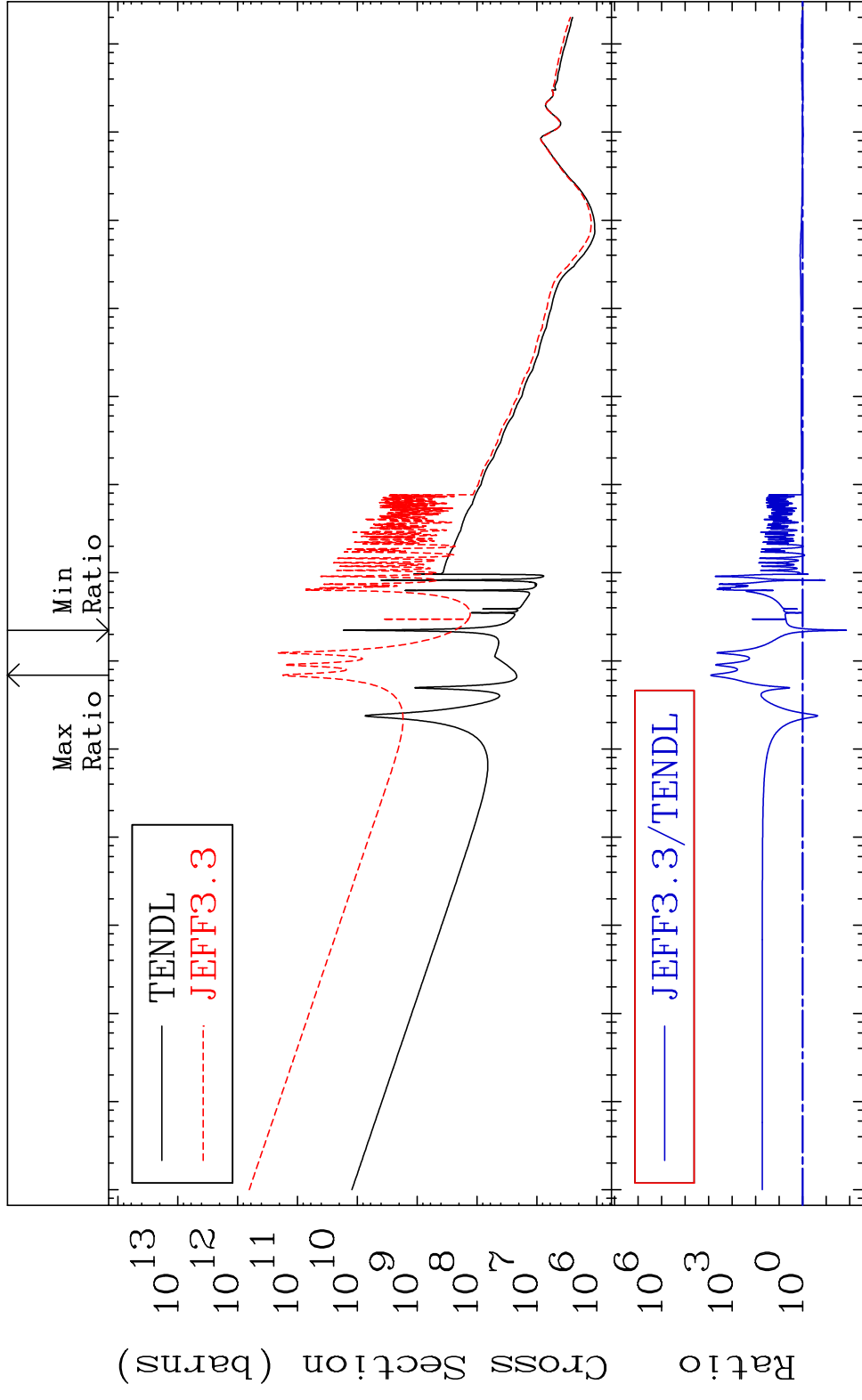
74

Incident Energy (eV)

33-As-74

MAT 3322

Total photon (eV-barns) 33-As-74
Cross Section -98.60 To 9999. %

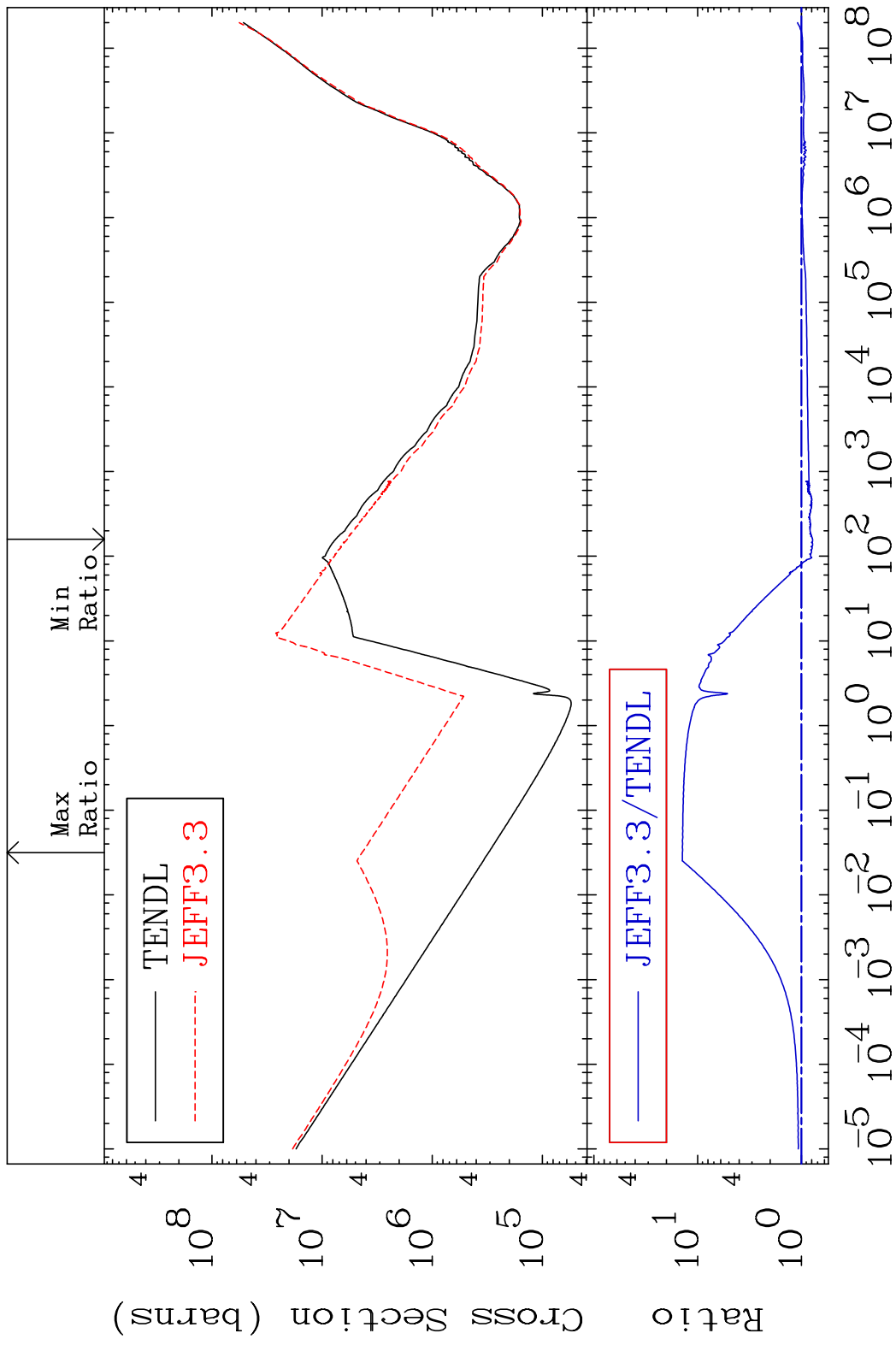


75

Incident Energy (eV)

33-As-74

MAT 3322 Total kinematic kerma (high limit) 33-As-74
 Cross Section -21.69 To 1308. %

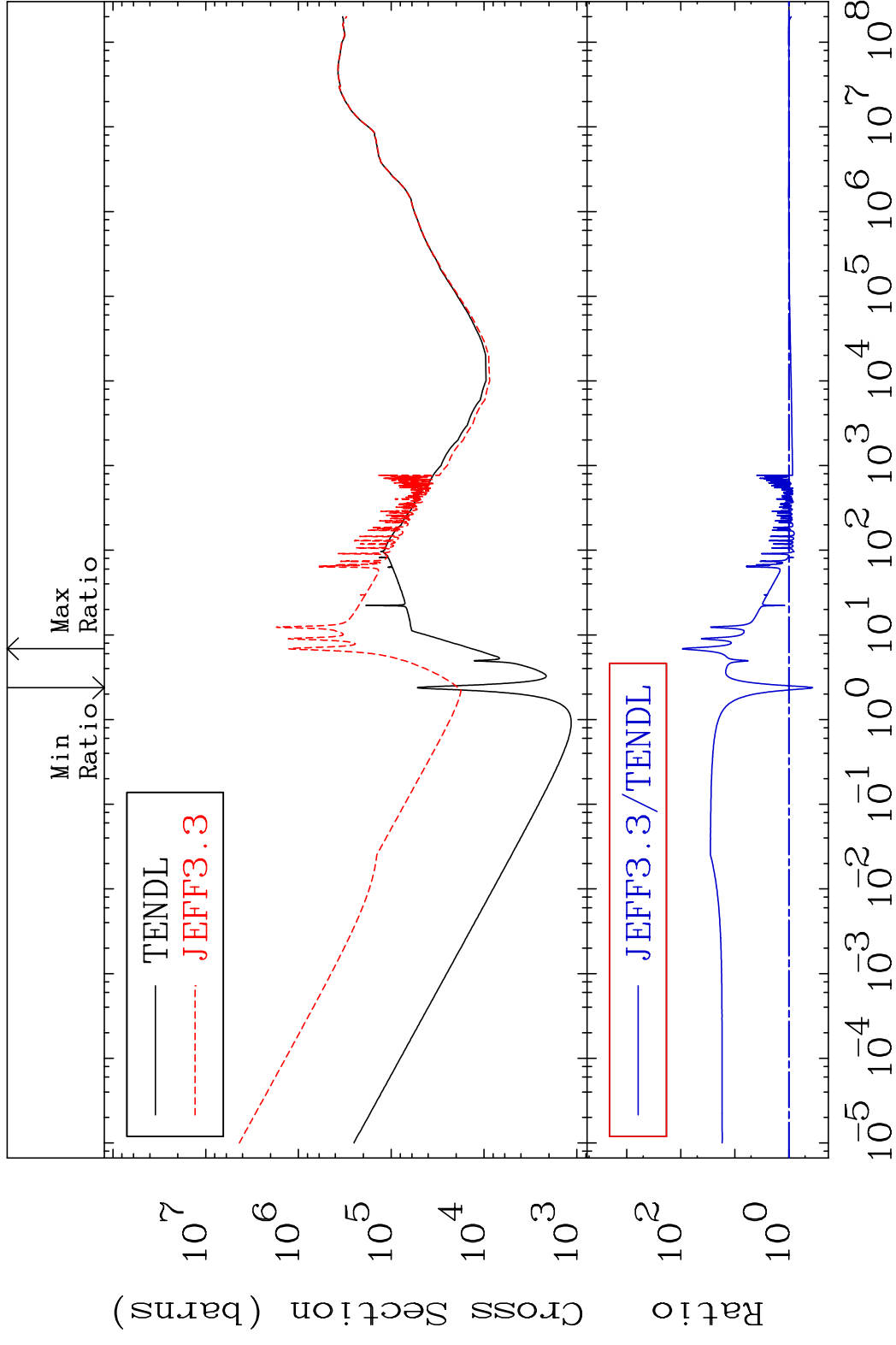


MAT 3322

Dpa total (eV-barns)

33-As-74

Cross Section -63.59 To 9279. %



77

Incident Energy (eV)

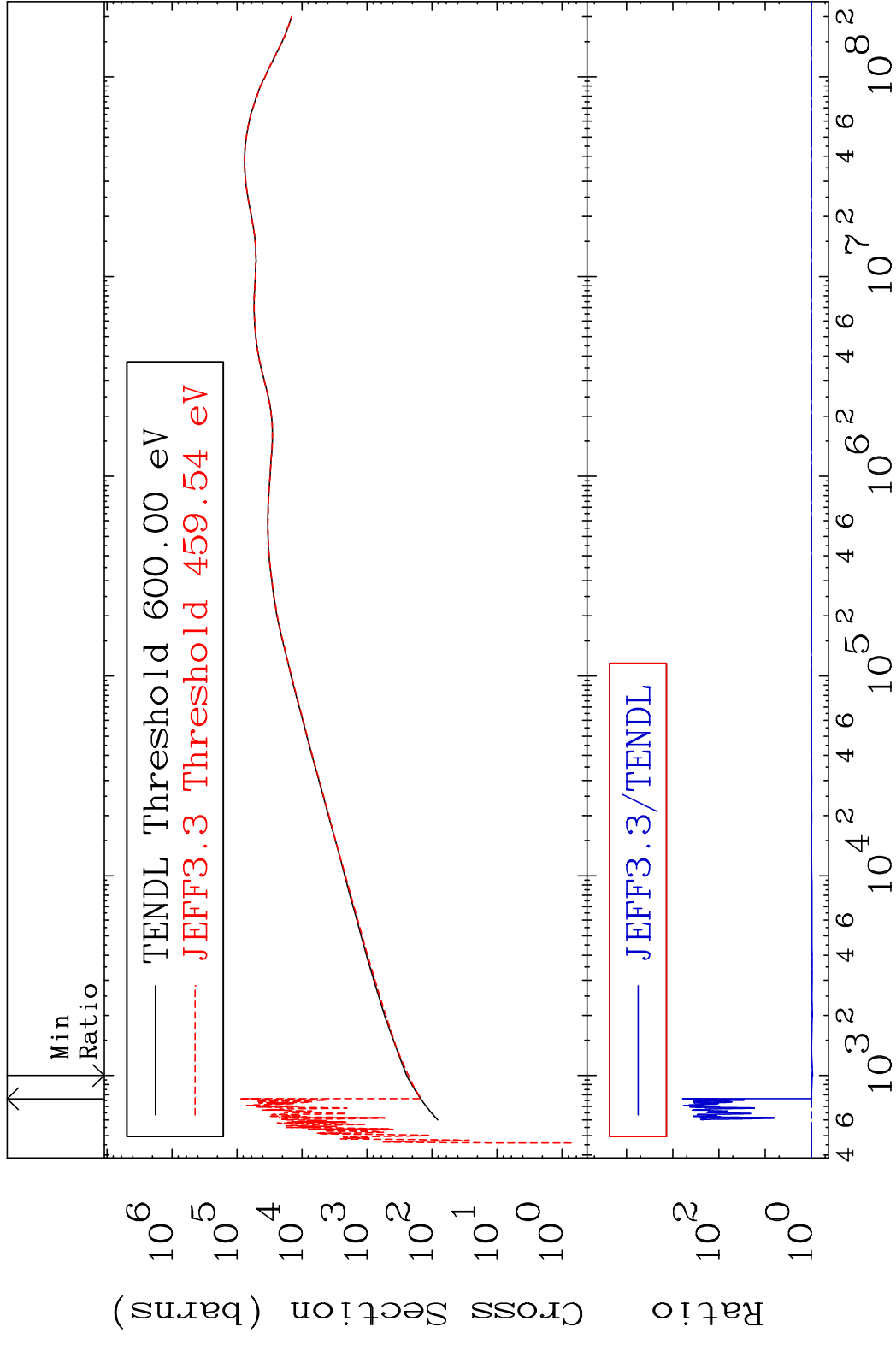
33-As-74

MAT 3322

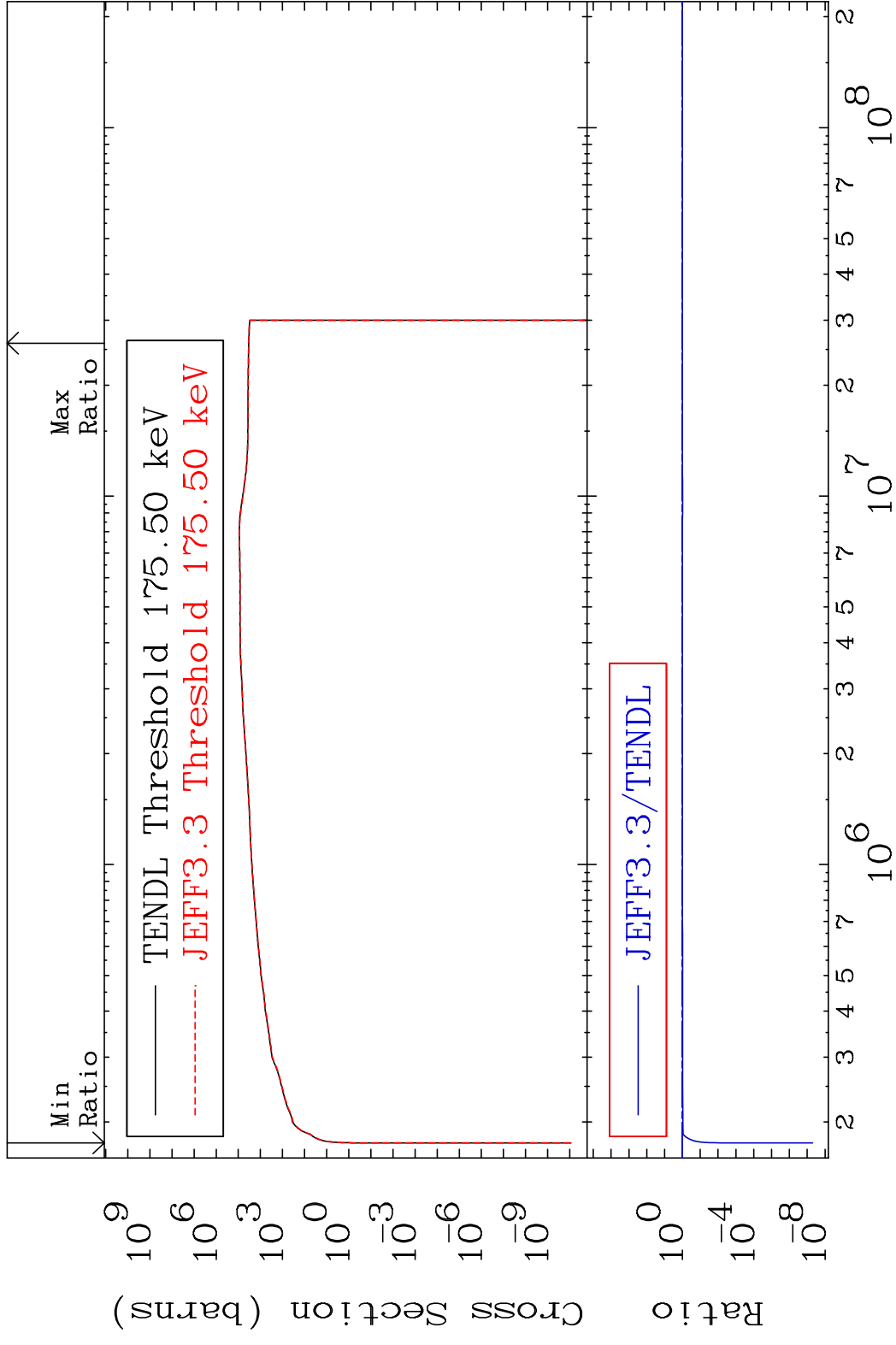
Dpa elastic (mt2)

33-As-74

Cross Section -6.226 To 9999. %



Cross Section -100.0 To 0.691 %



MAT 3322 Dpa disappearance (mt102 -120) 33-As-74
 Cross Section -63.59 To 9279. %

