

Program Complot
(Version 2021-1)

by

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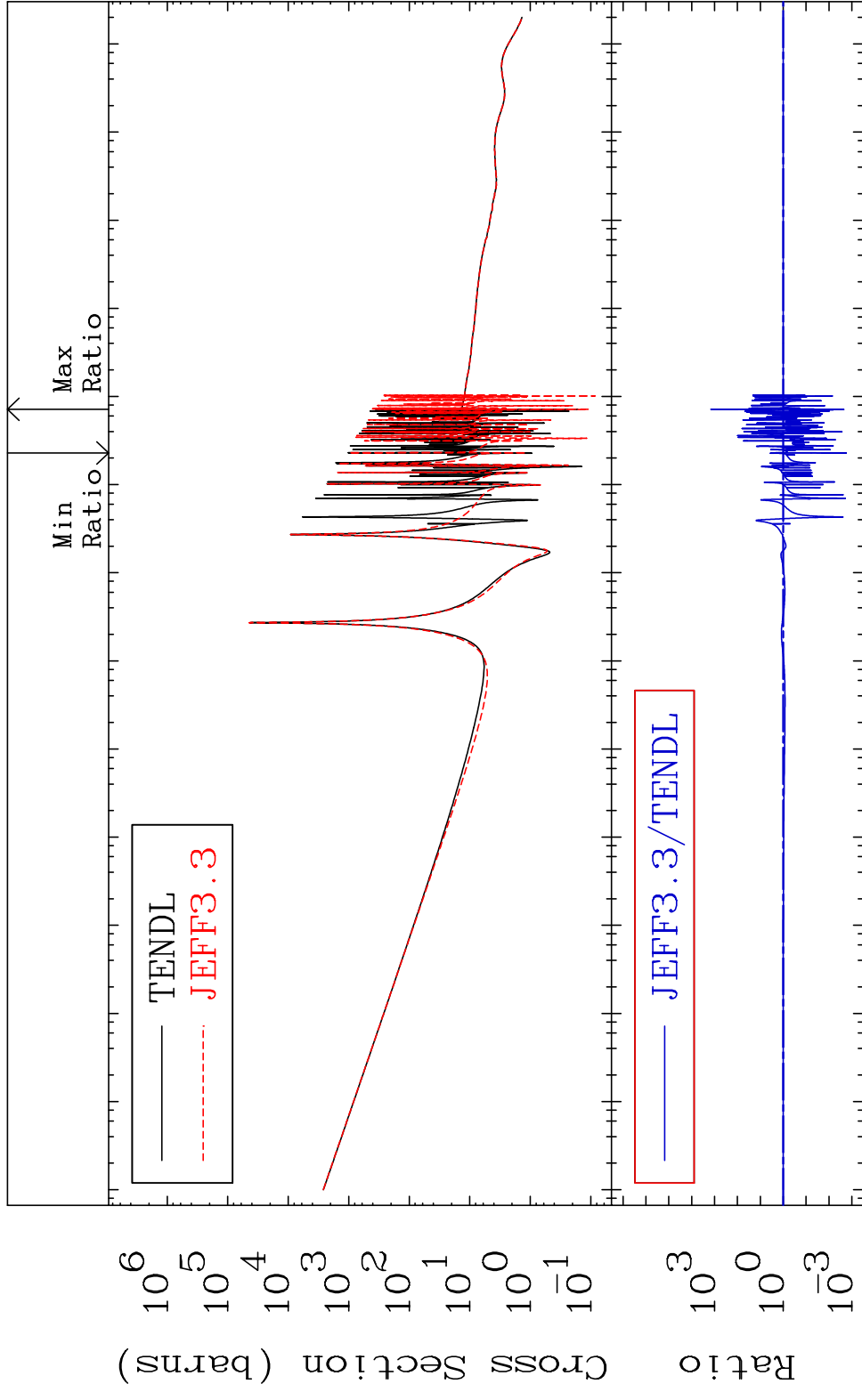
Press Mouse Button to Start

MAT 3425

34-Se-74

Total

Cross Section -99.83 To 9999. %



1

Incident Energy (eV)

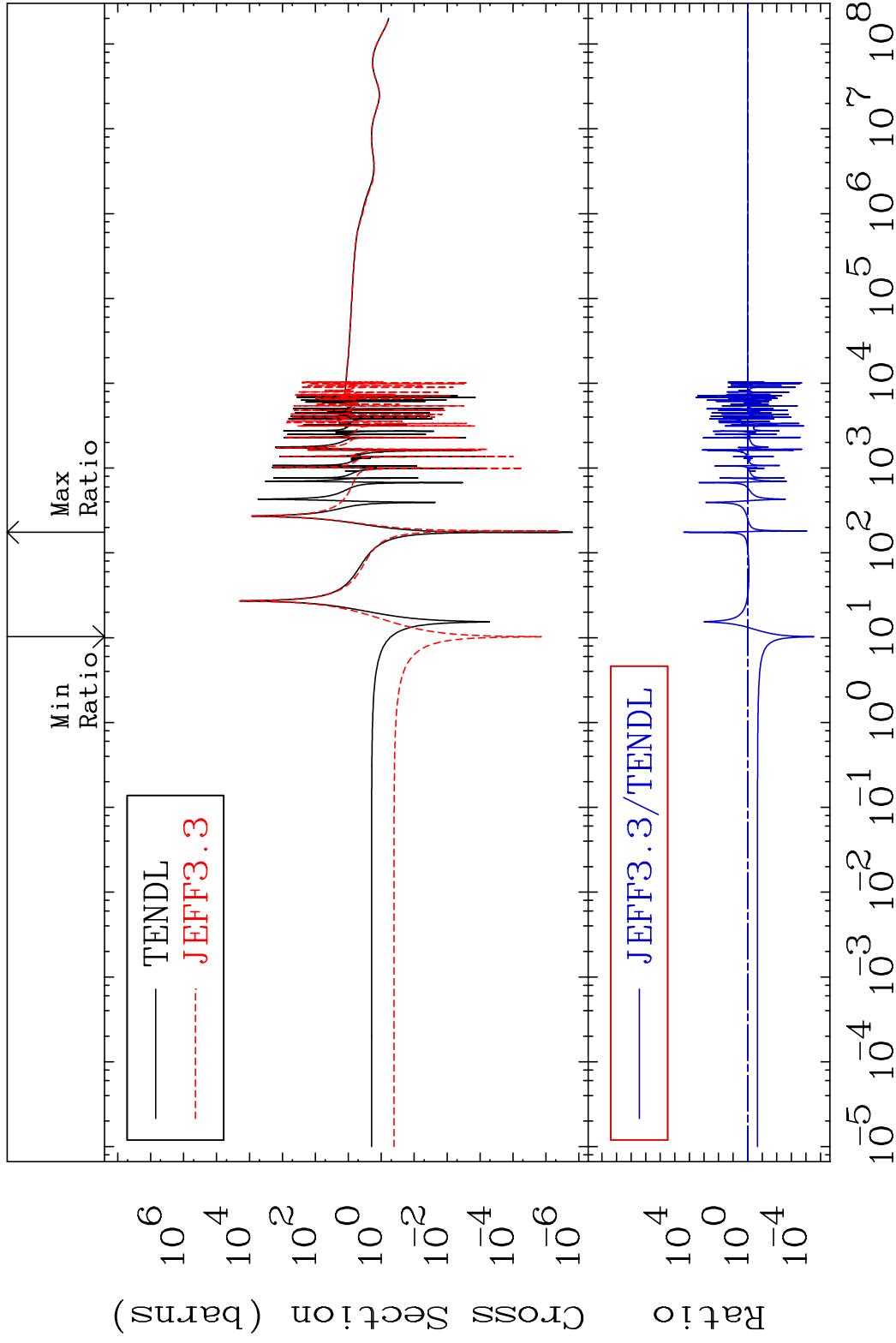
34-Se-74

MAT 3425

Elastic

³⁴Se-74

Cross Section -100.0 To 9999. %

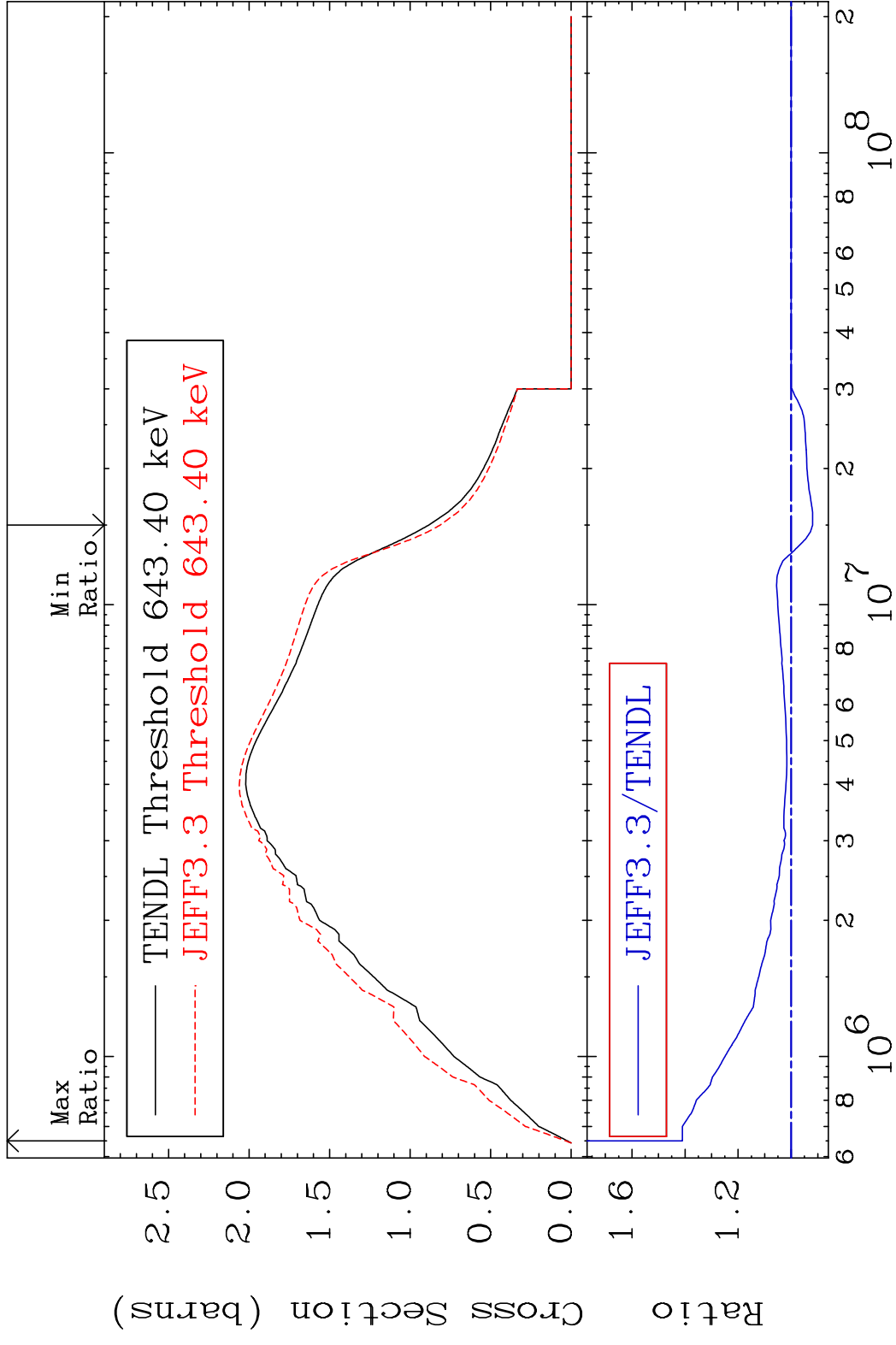


2

Incident Energy (eV)

³⁴Se-74

MAT 3425 Inelastic 34-Se-74
 Cross Section -8.039 To 41.01 %



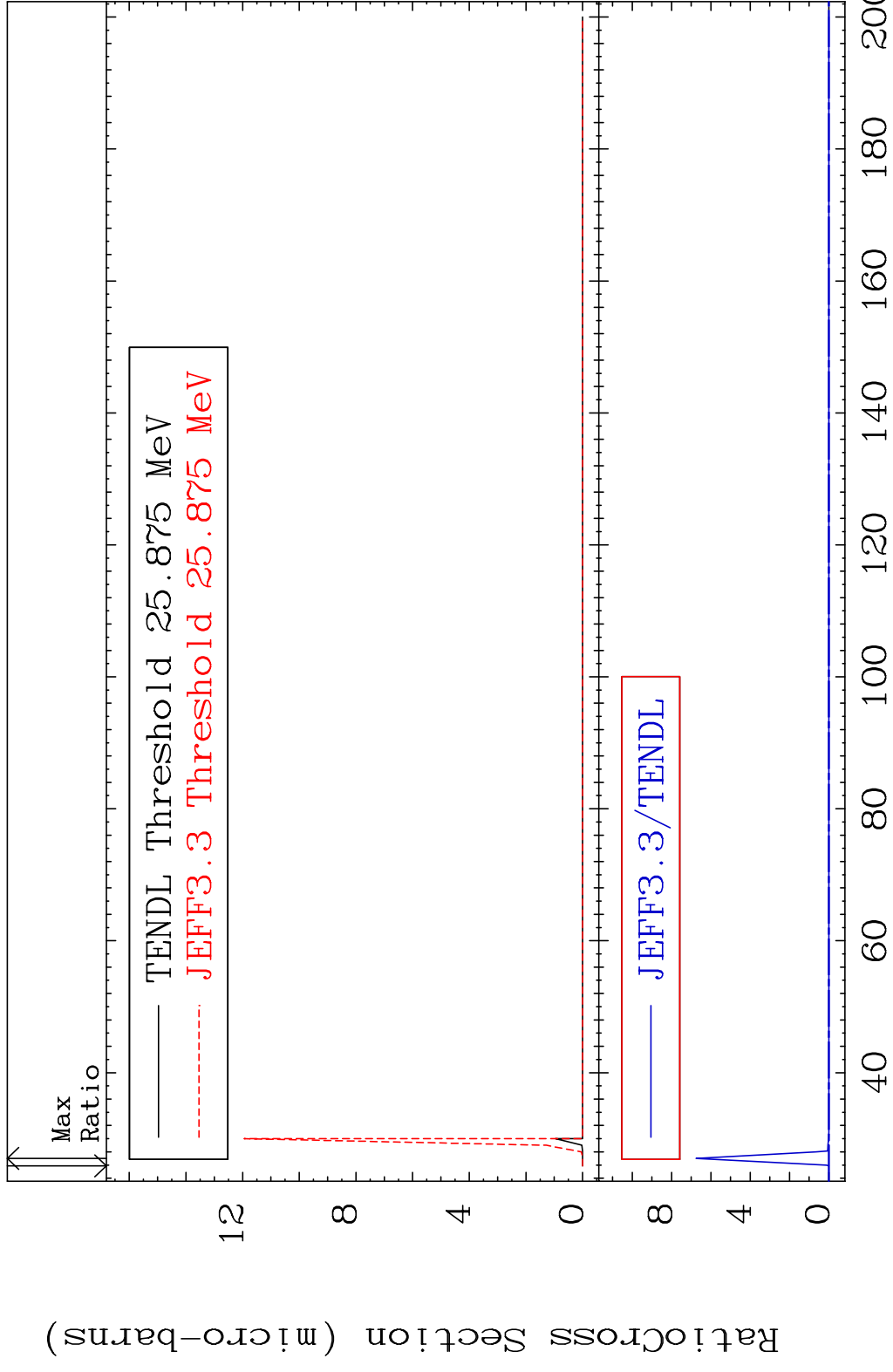
3 34-Se-74

MAT 3425

(n,2n) d

34-Se-74

Cross Section -100.0 To 9999. %



4

Incident Energy (MeV)

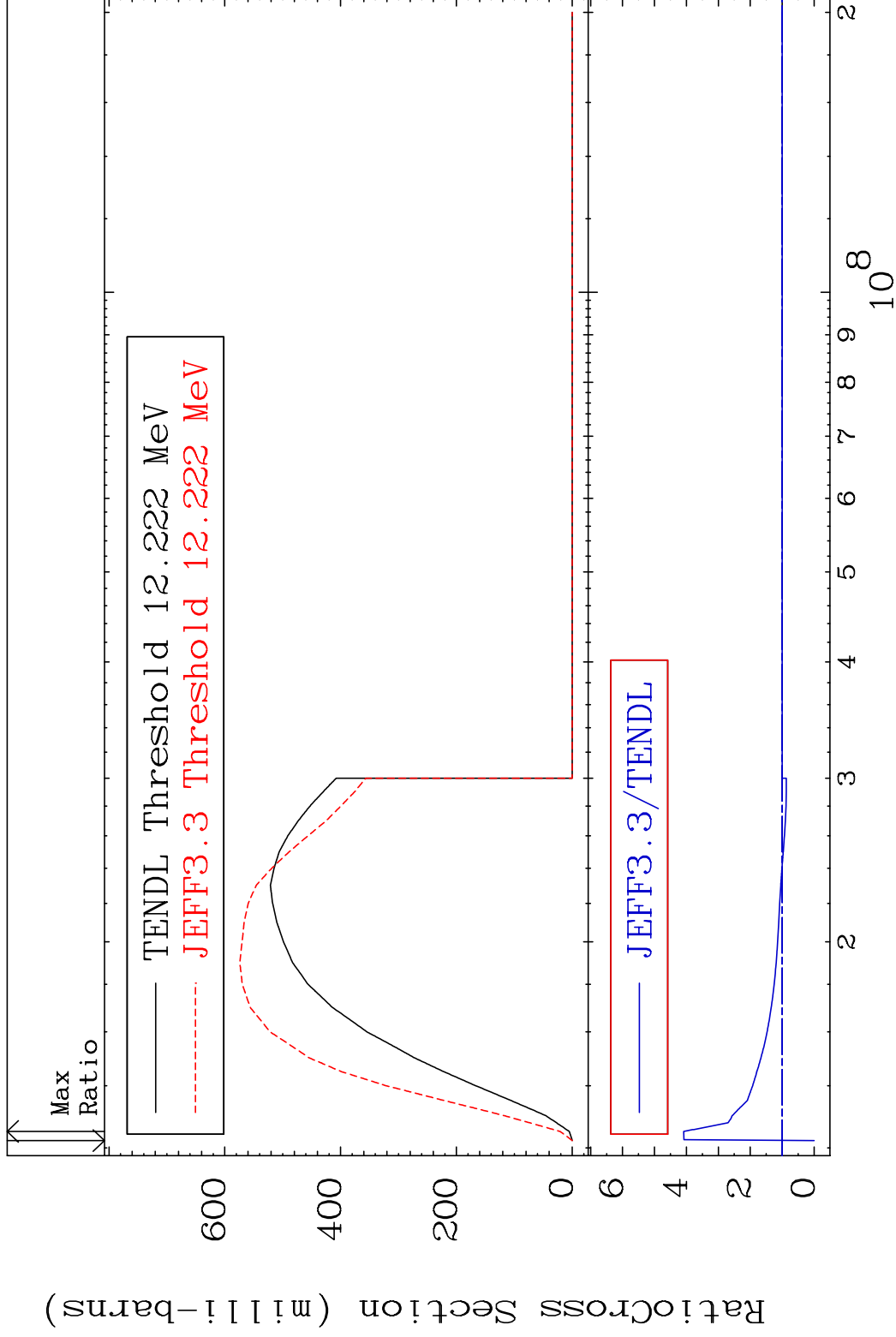
34-Se-74

MAT 3425

(n,2n)

³⁴Se-74

Cross Section -100.0 To 308.6 %



5

Incident Energy (eV)

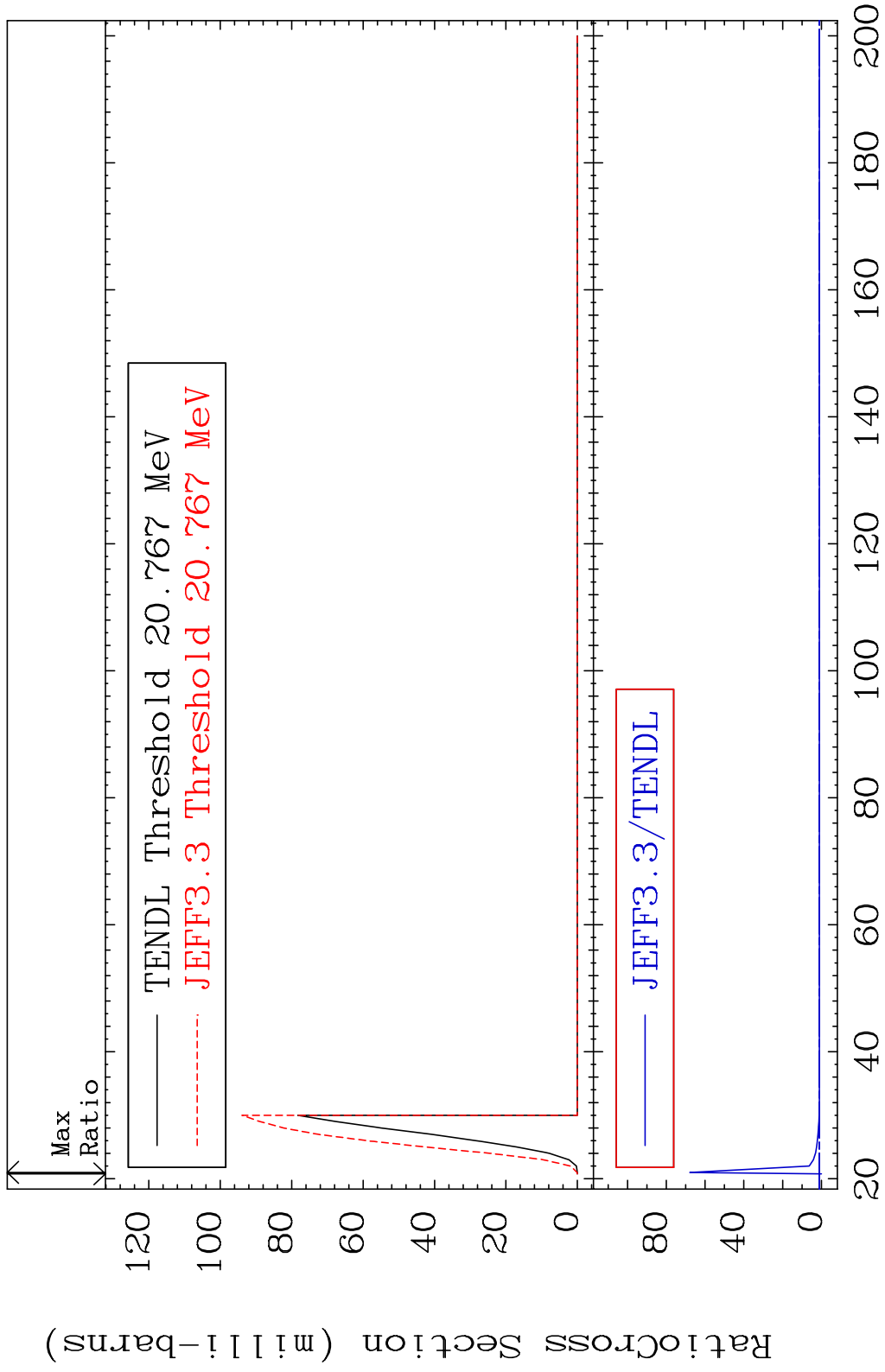
³⁴Se-74

MAT 3425

(n,3n)

³⁴Se-74

Cross Section -100.0 To 6691. %

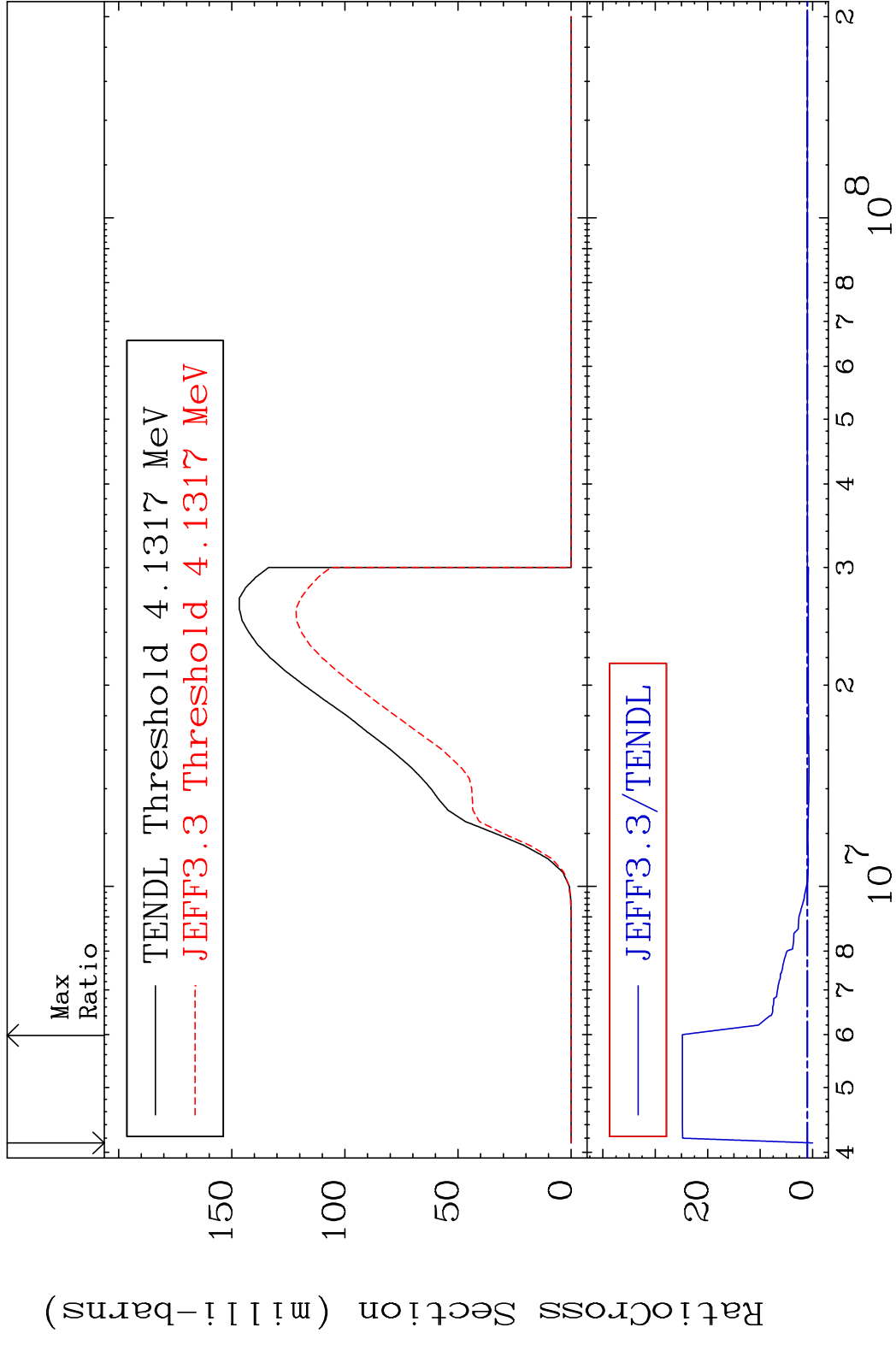


MAT 3425

$^{34}\text{Se-74}$

$(n, n') \alpha$

Cross Section -100.0 To 2383. %



7

Incident Energy (eV)

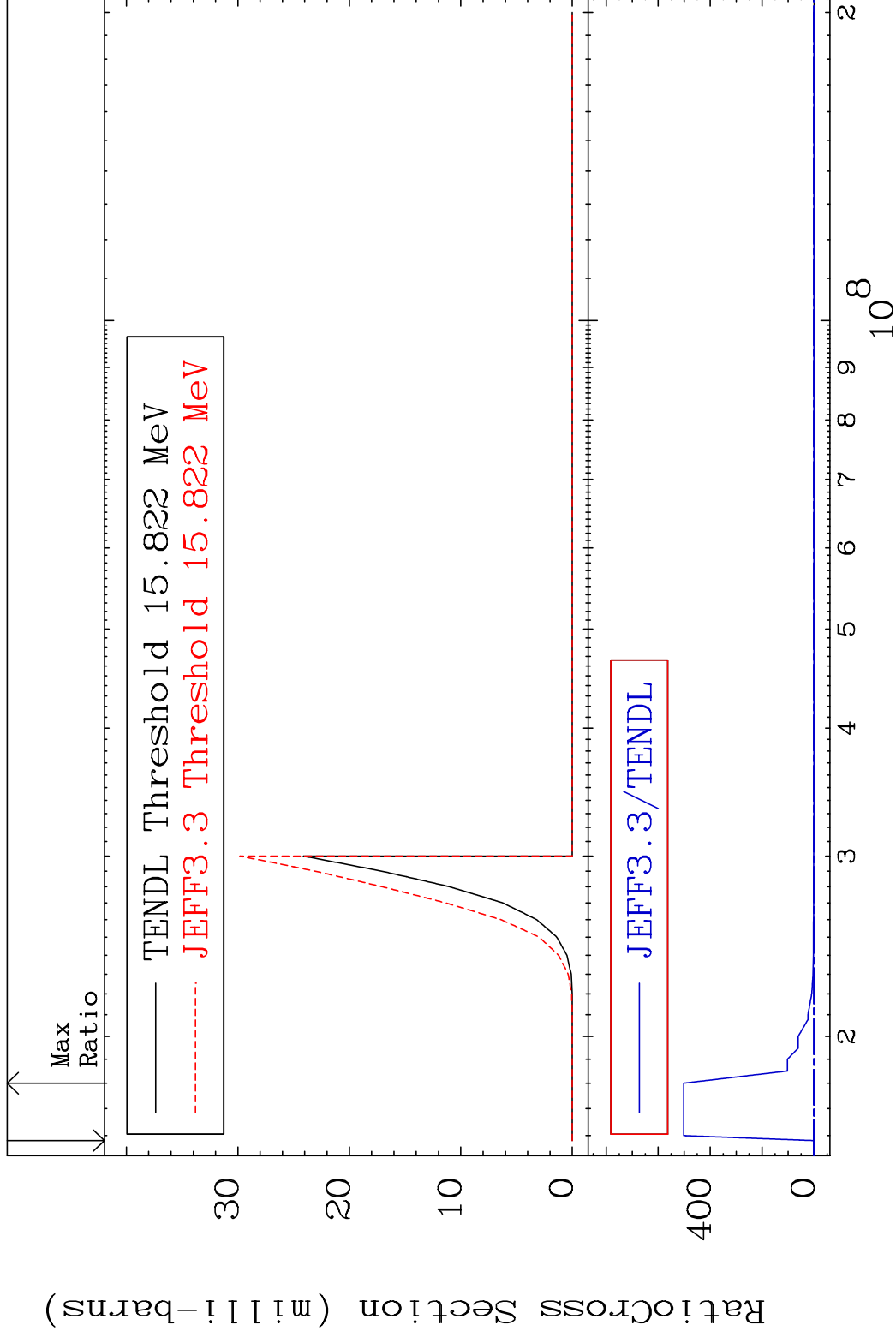
$^{34}\text{Se-74}$

MAT 3425

(n,2n) α

³⁴Se-74

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

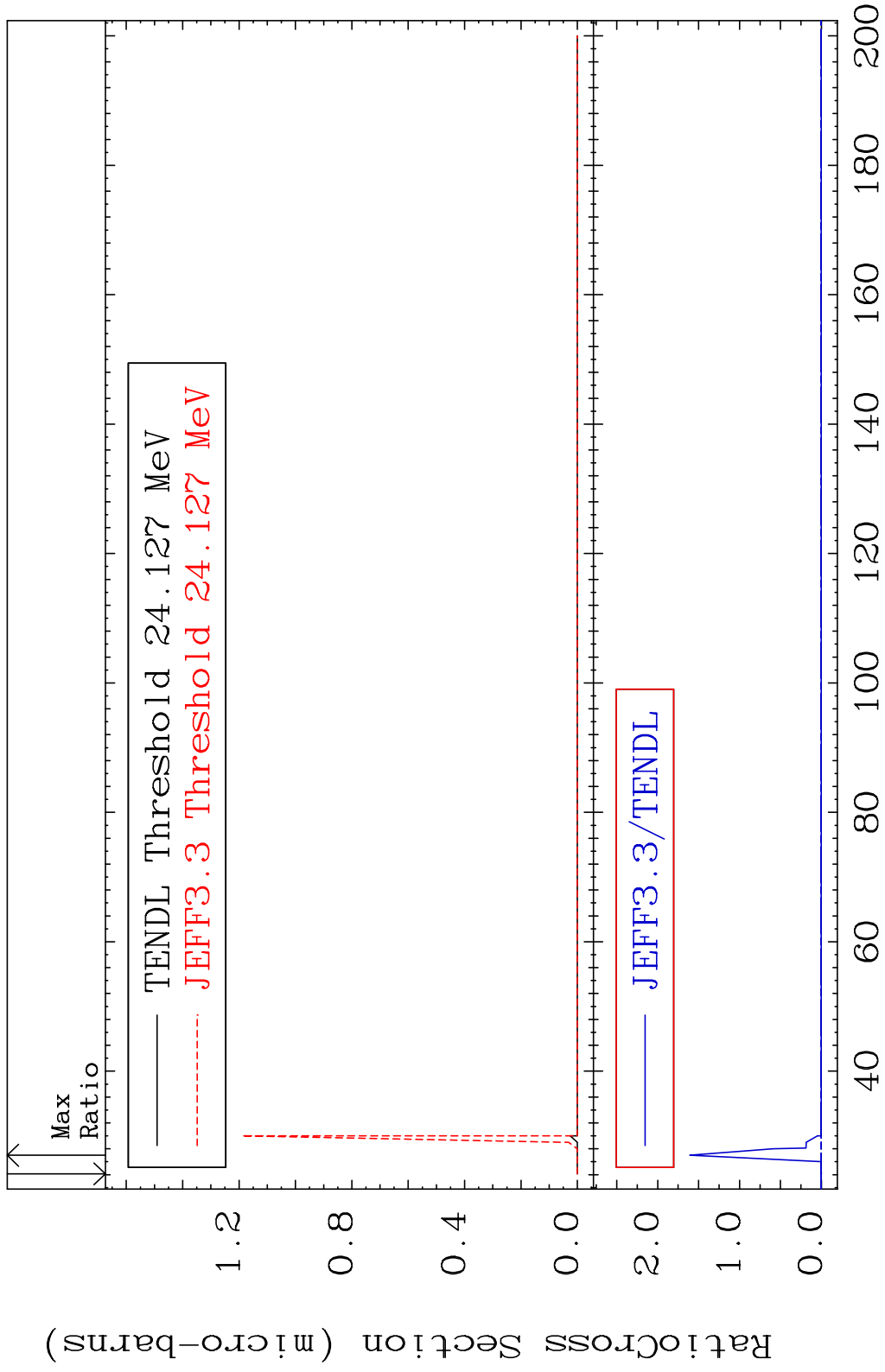
³⁴Se-74

MAT 3425

(n,3n) α

34-Se-74

Cross Section -100.0 To 9999. %

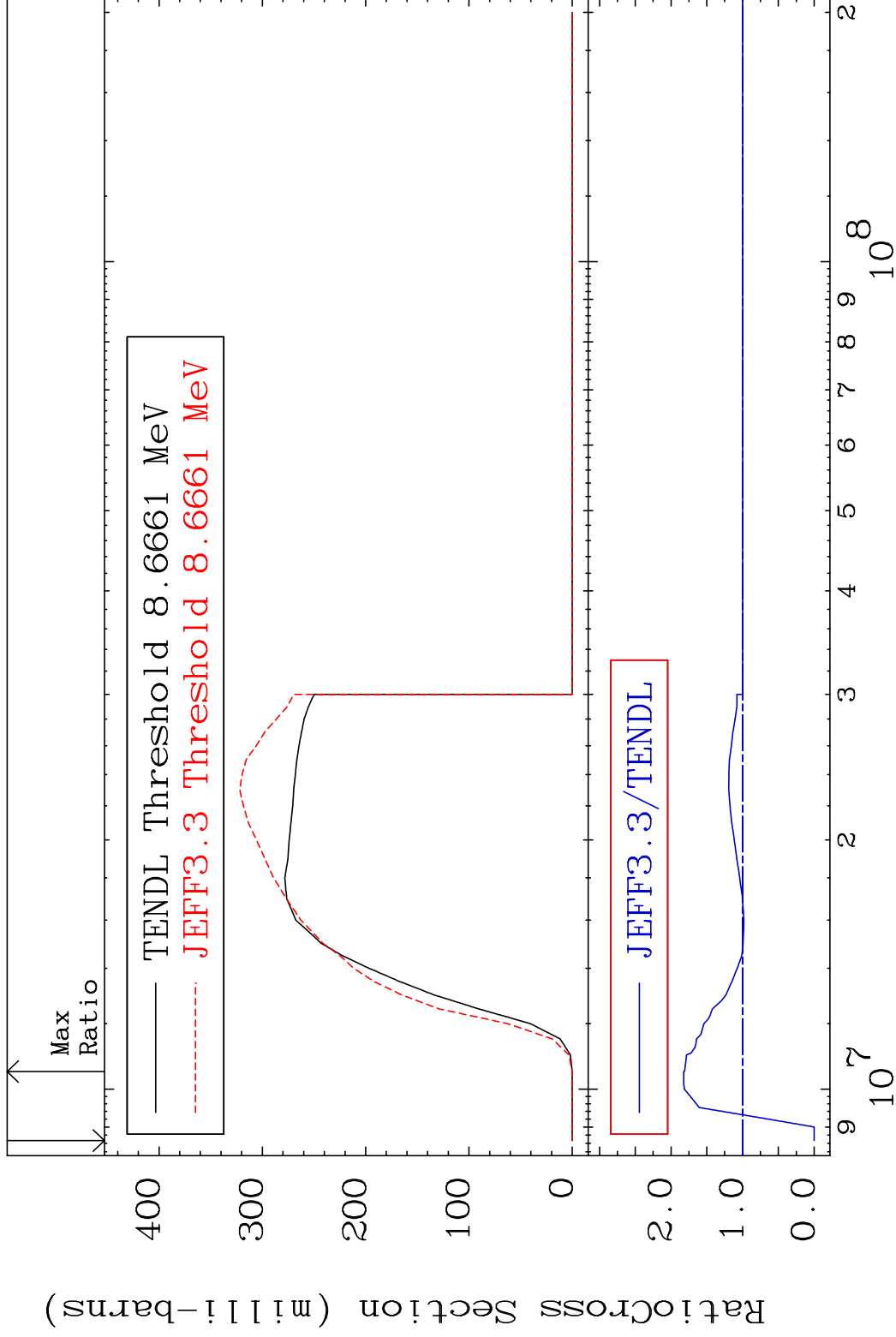


MAT 3425

(n, n') p

³⁴Se-74

Cross Section -100.0 To 82.38 %

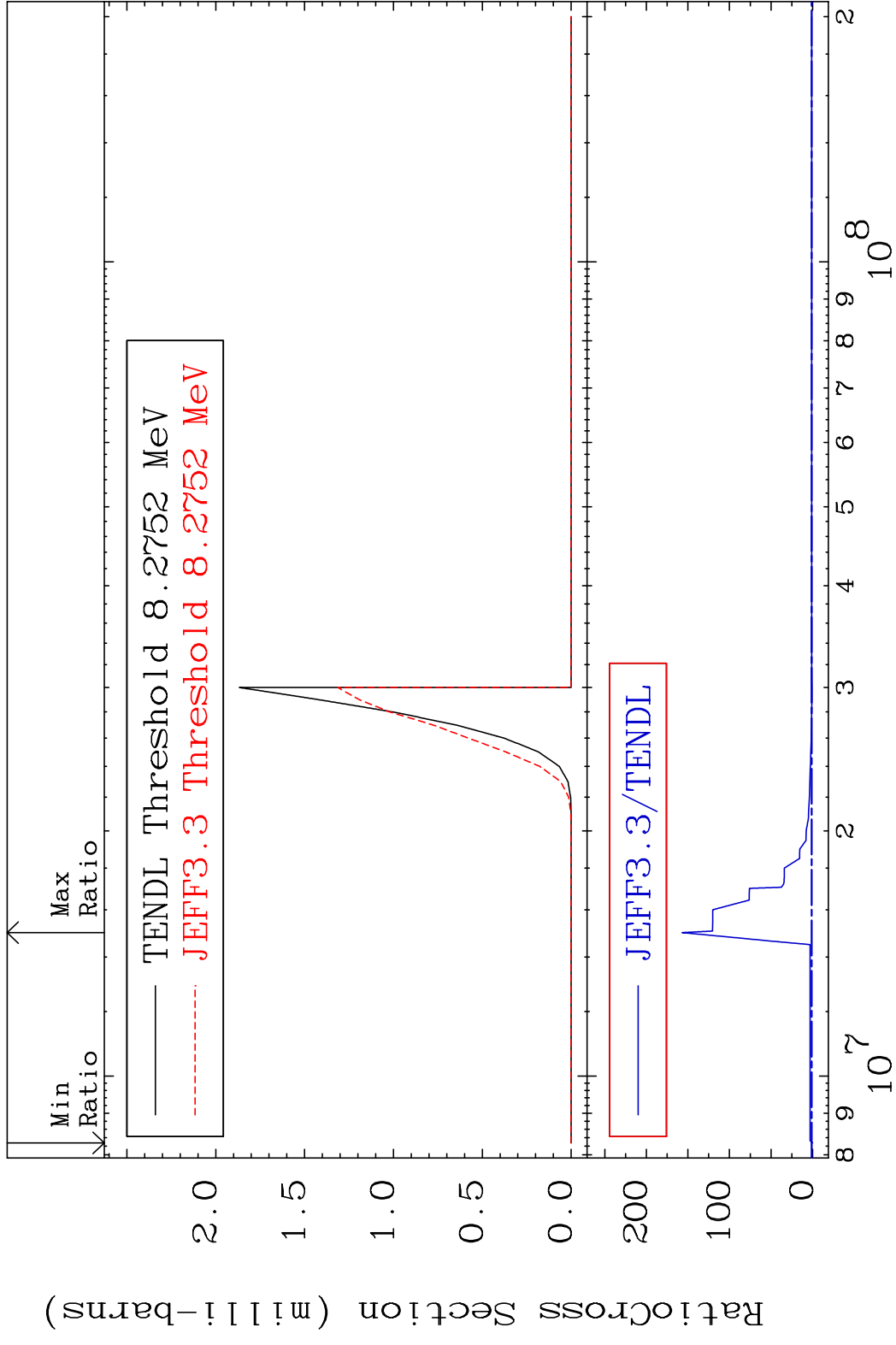


10

Incident Energy (eV)

³⁴Se-74

MAT 3425 (n, n') 2α 34-Se-74
 Cross Section -100.0 To 9999. %

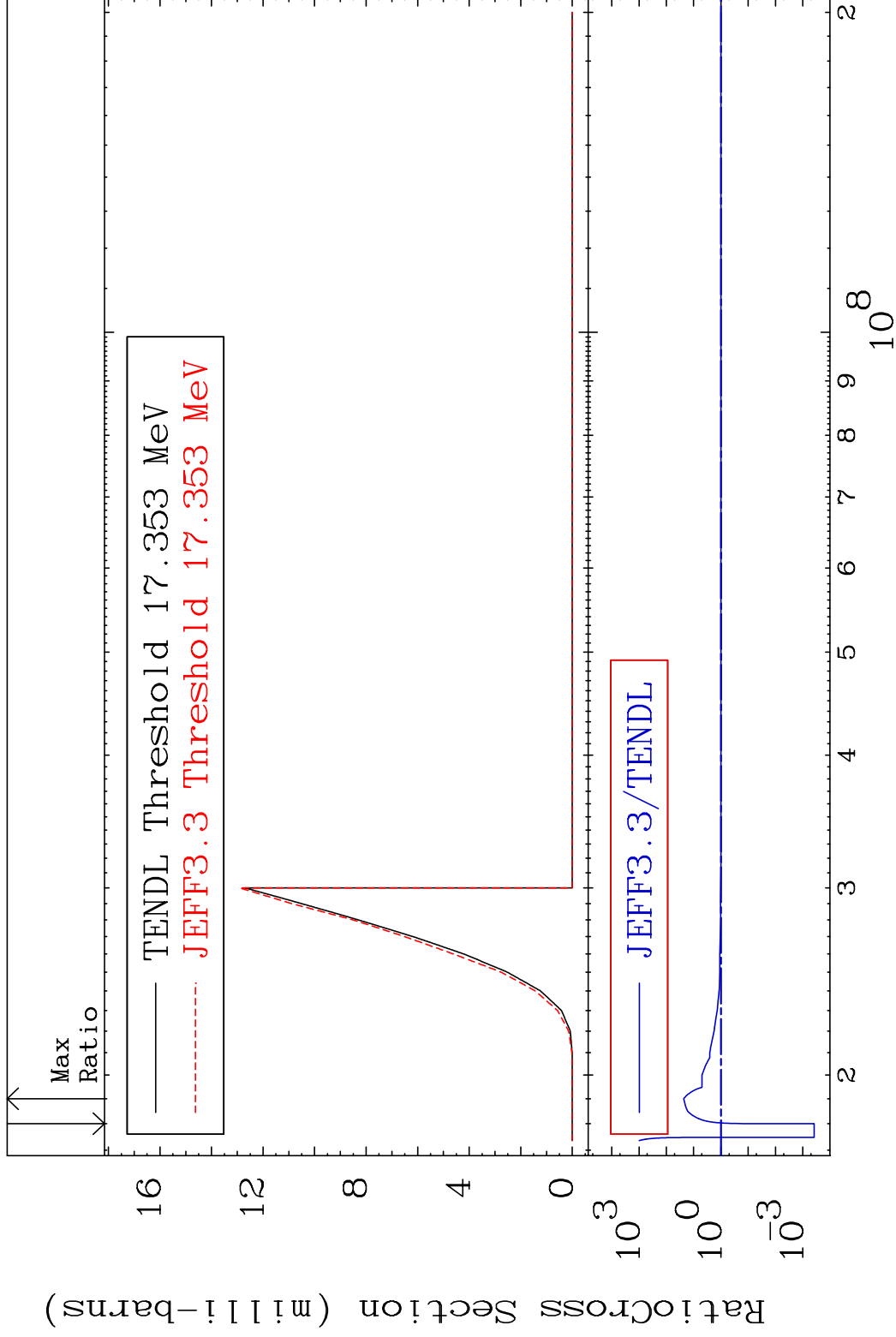


MAT 3425

(n, n') d

³⁴Se-74

Cross Section -99.96 To 2216. %



12

Incident Energy (eV)

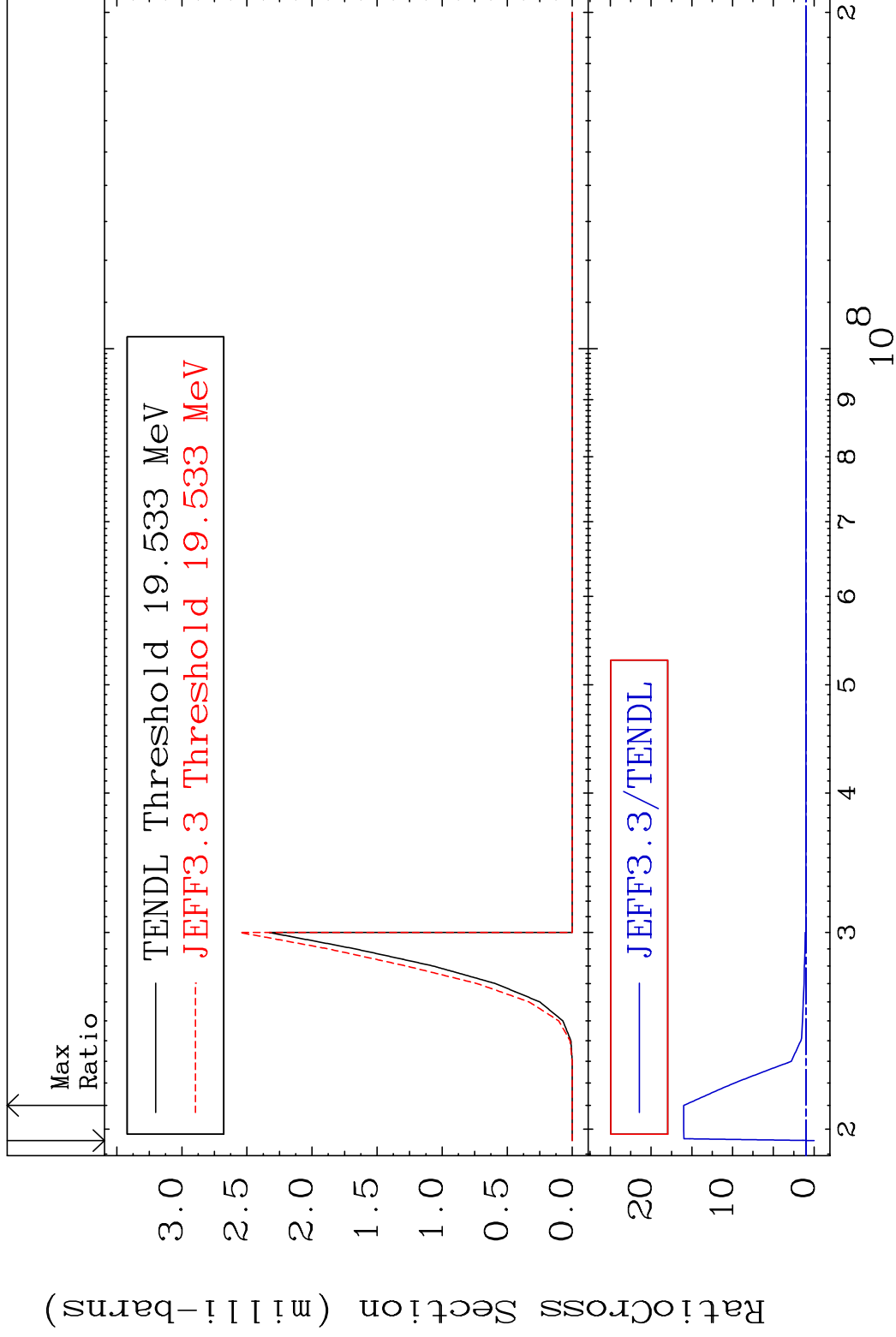
³⁴Se-74

MAT 3425

(n, n') t

³⁴Se-74

Cross Section -100.0 To 1501. %

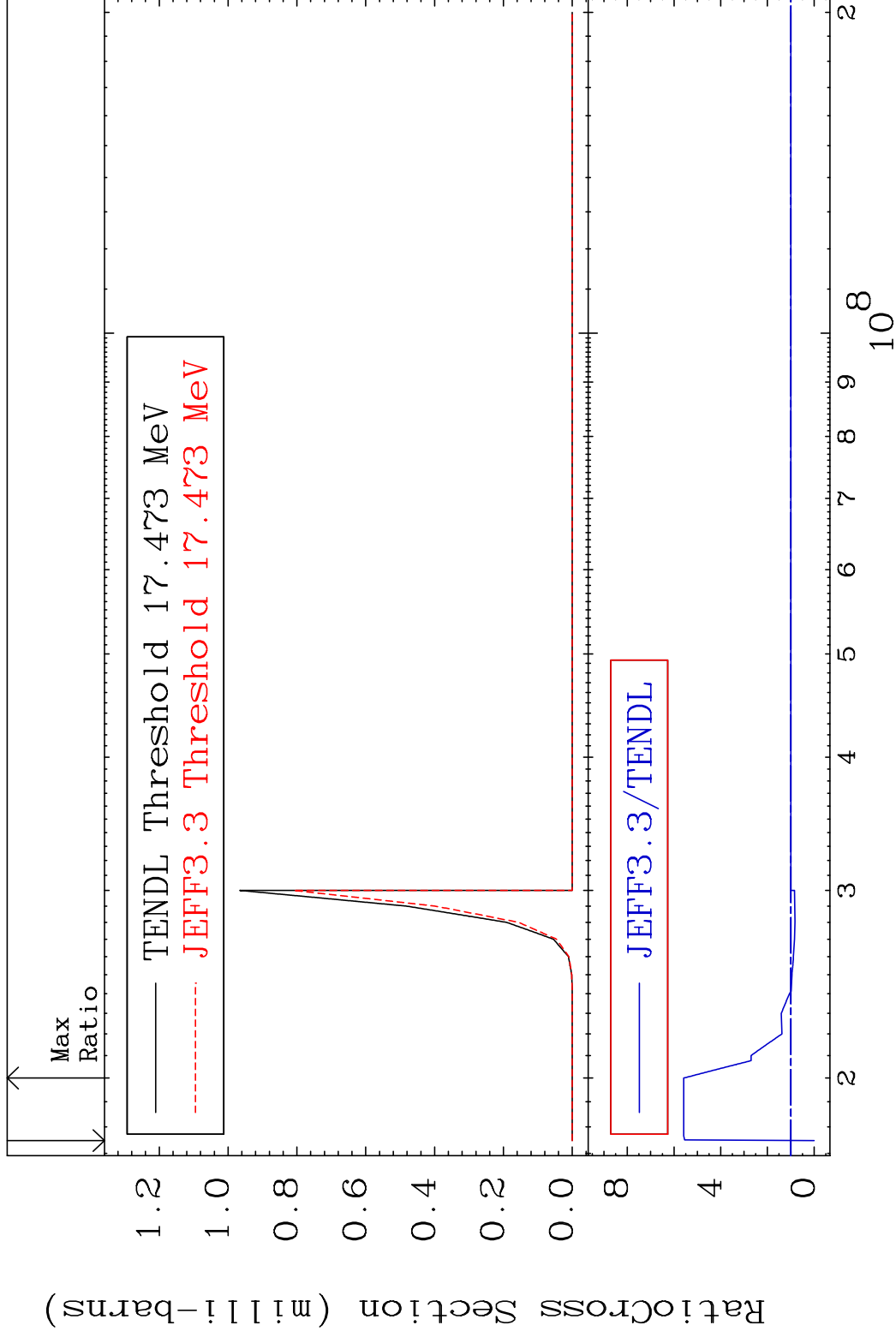


MAT 3425

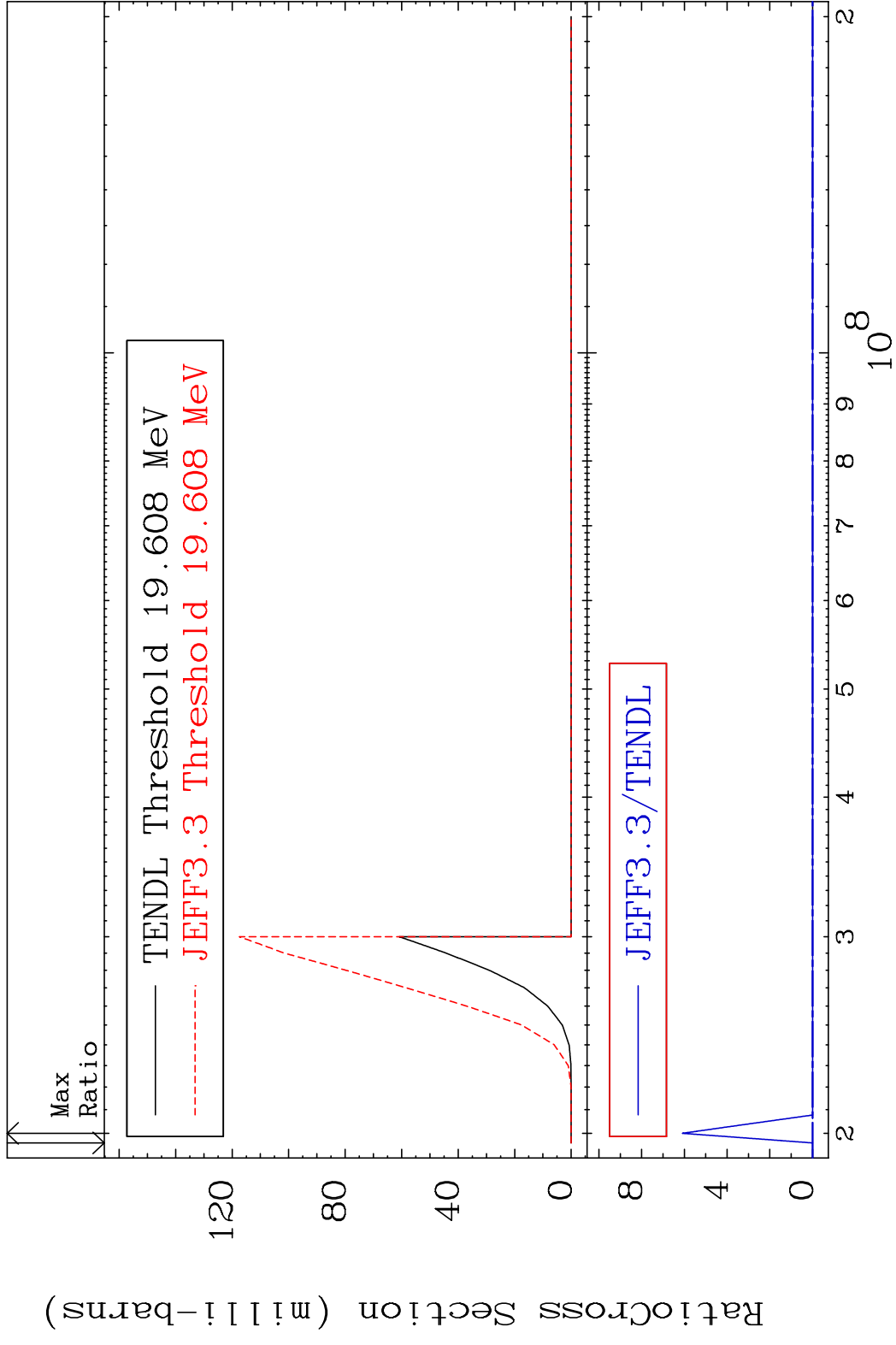
(n,n') He-3

34-Se-74

Cross Section -100.0 To 458.7 %



MAT 3425 (n,2n) p 34-Se-74
 Cross Section -100.0 To 9999. %



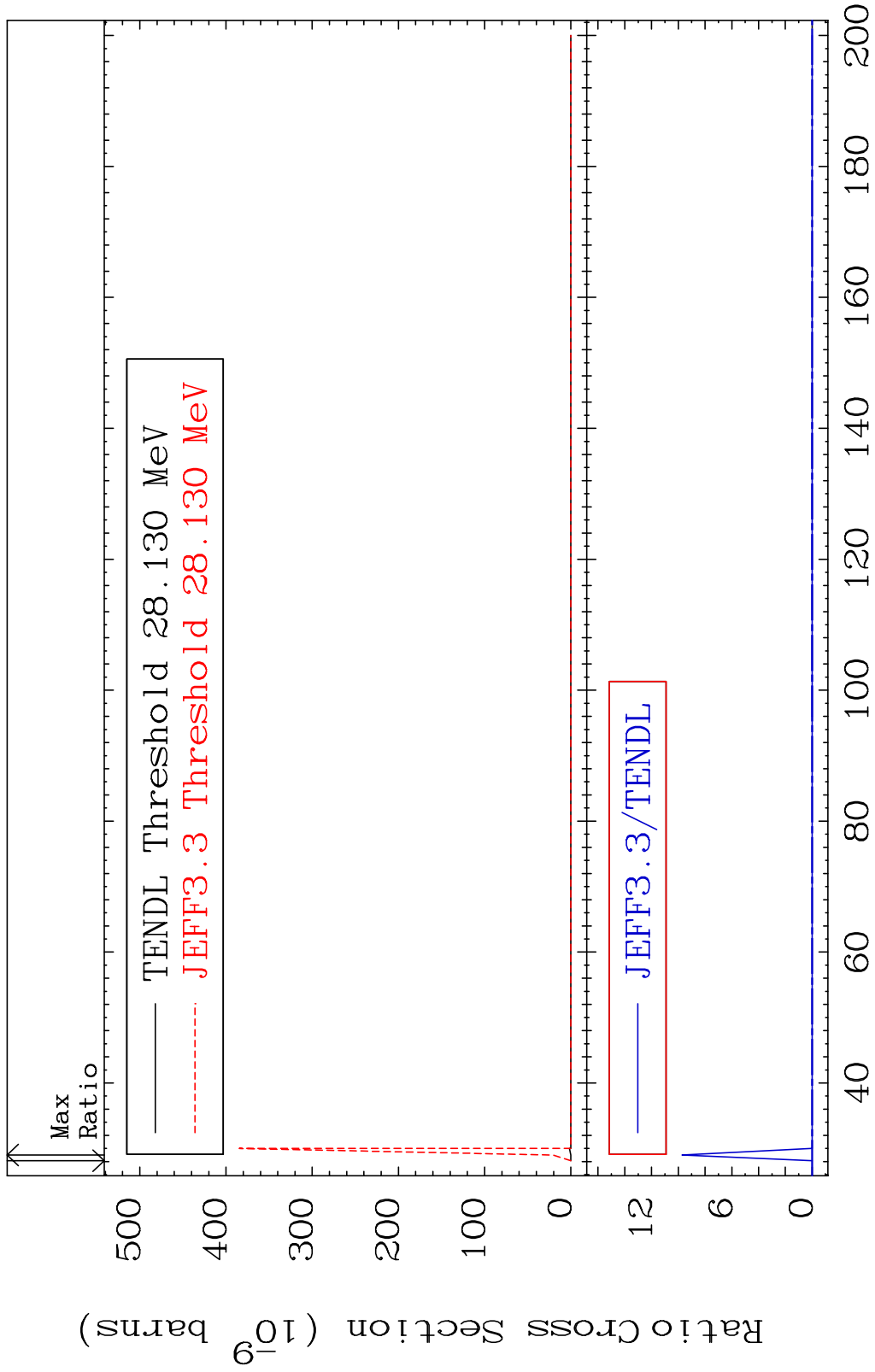
15 34-Se-74

MAT 3425

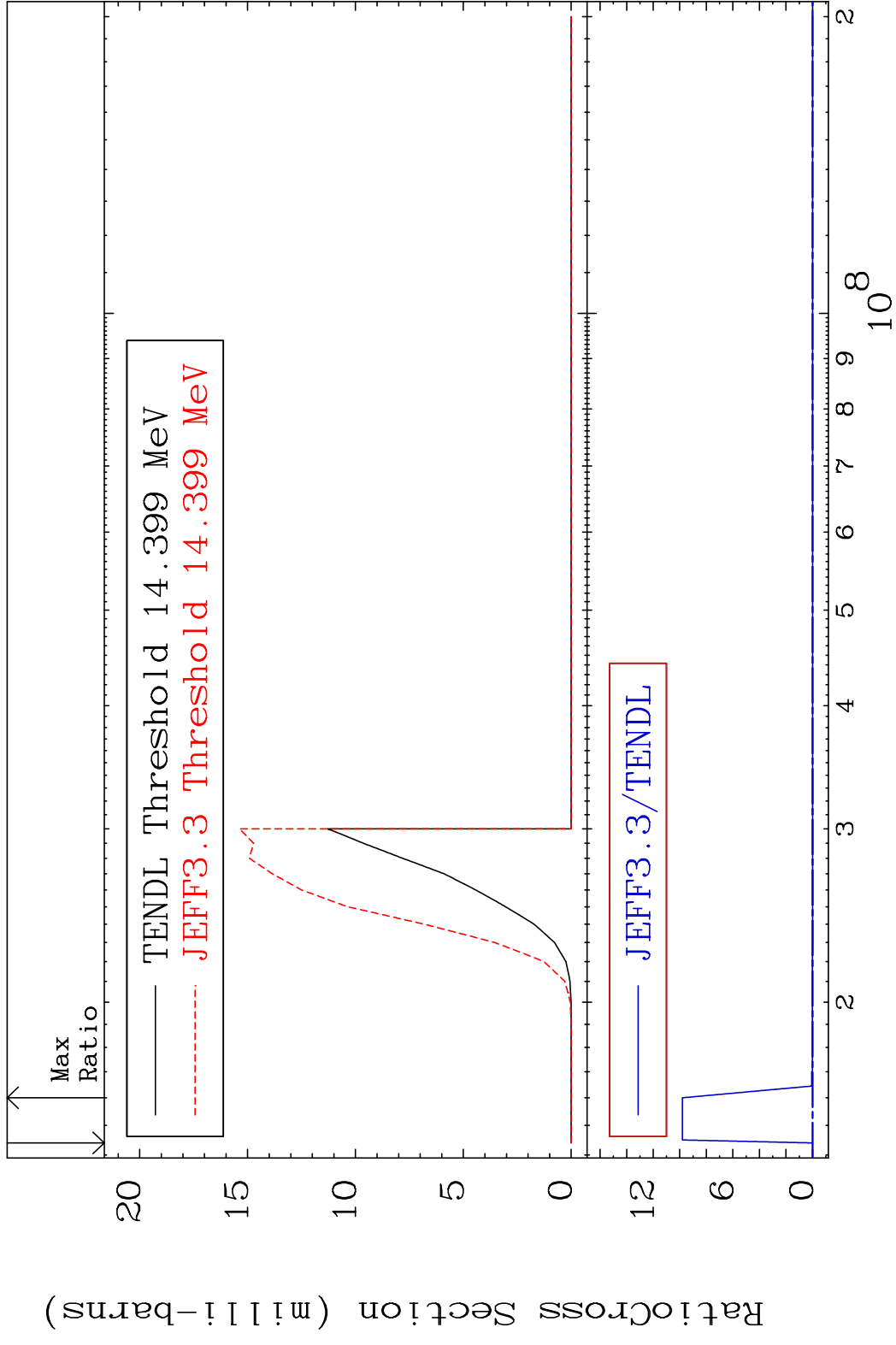
(n,3n) p

³⁴Se-74

Cross Section -100.0 To 9999. %



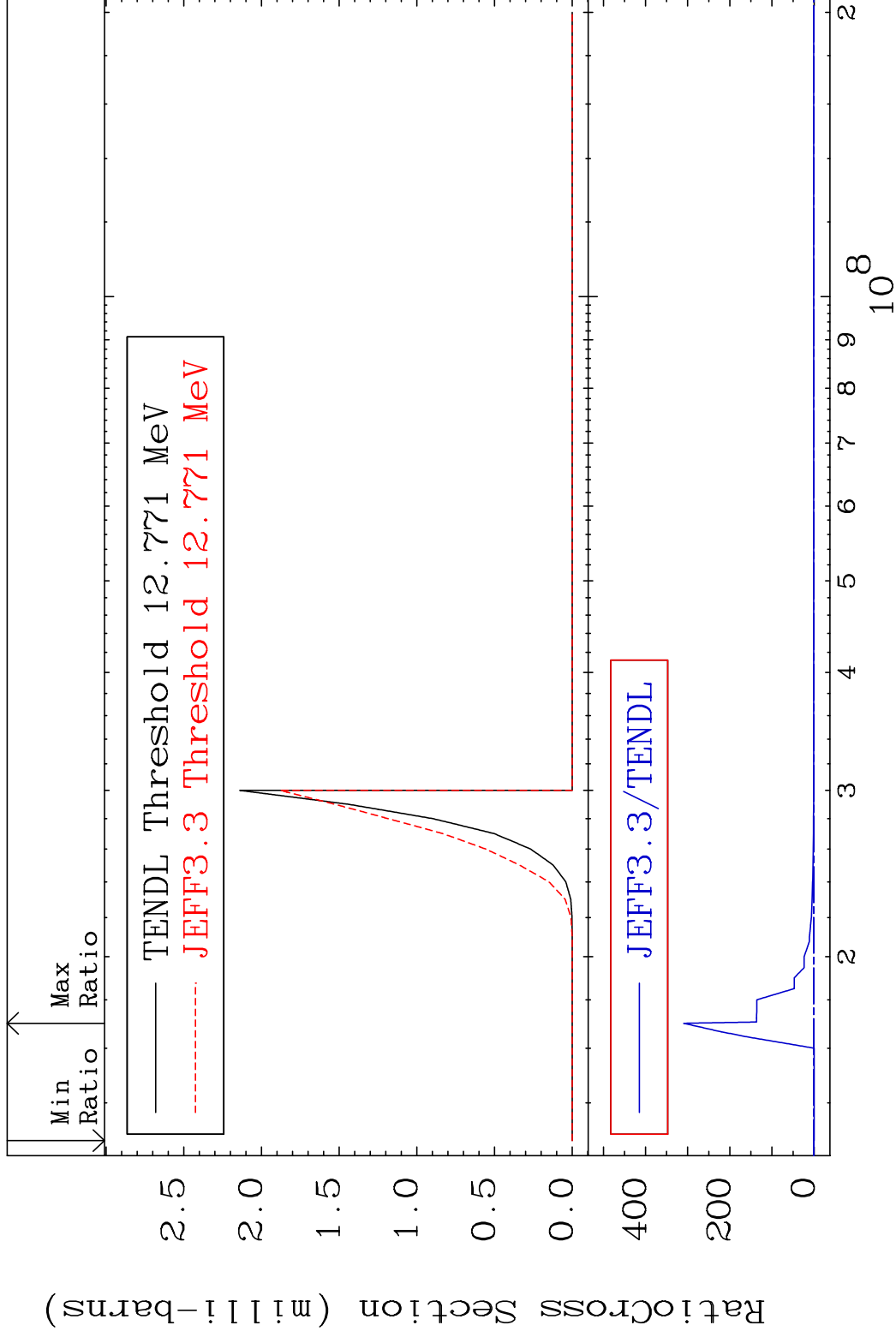
MAT 3425 (n,2n) p 34-Se-74
 Cross Section -100.0 To 9999. %



MAT 3425

(n,n') p α 34-Se-74

Cross Section -100.0 To 9999. %

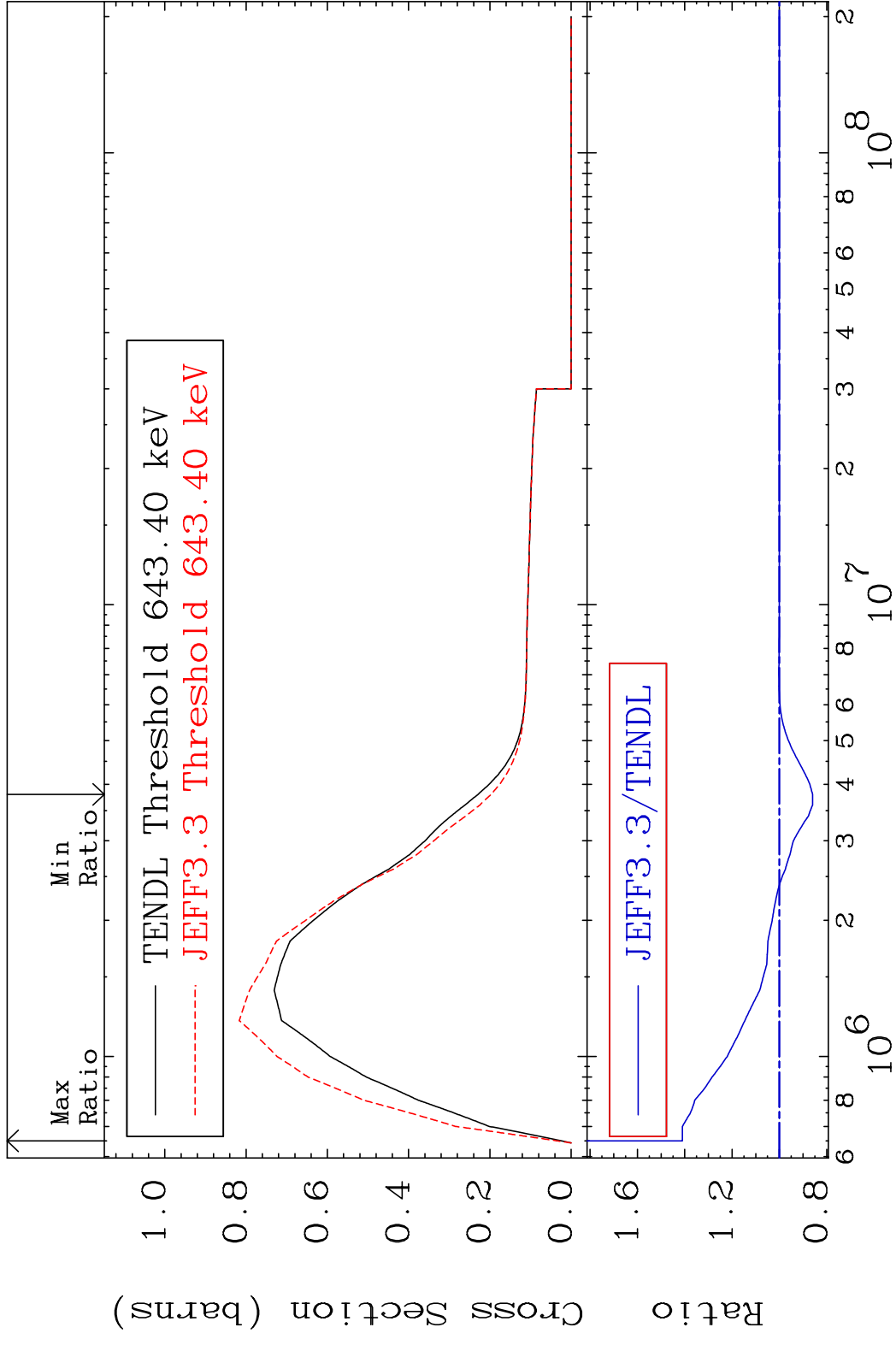


18

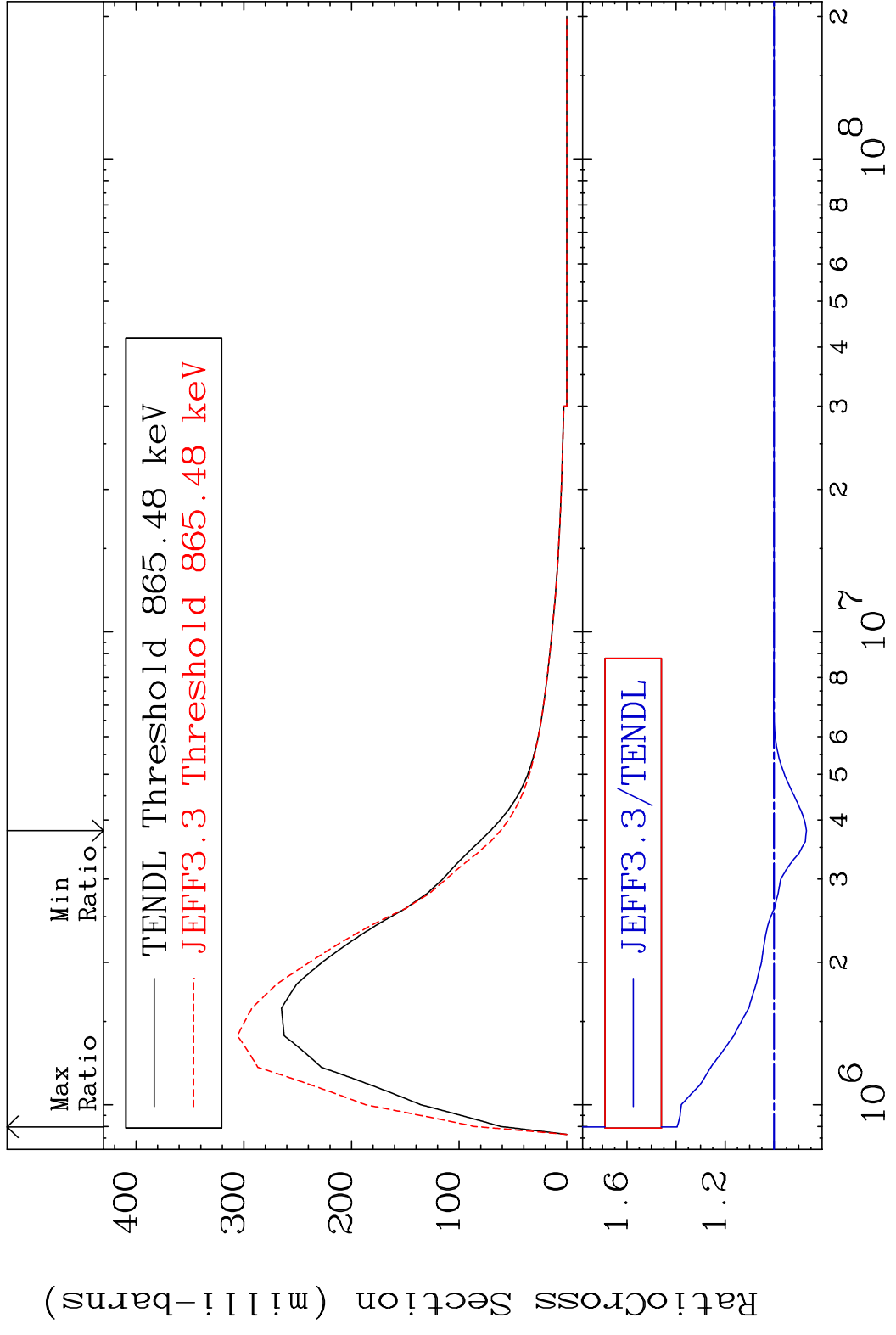
Incident Energy (eV)

34-Se-74

MAT 3425 MT= 51 (n,n') Level 34-Se-74
 Cross Section -14.03 To 41.01 %

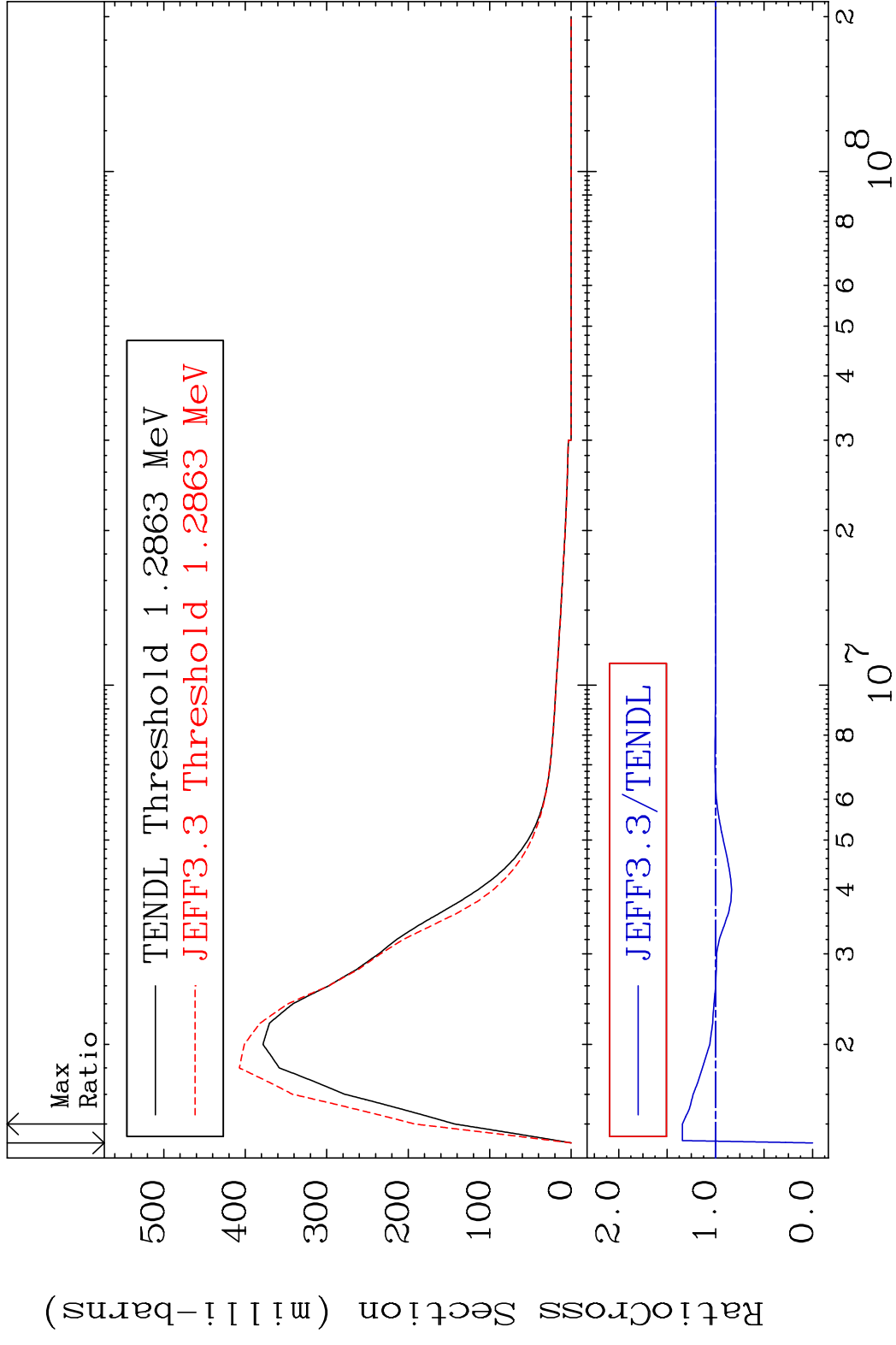


MAT 3425 MT= 52 (n,n') Level 34-Se-74
 Cross Section -13.14 To 39.53 %

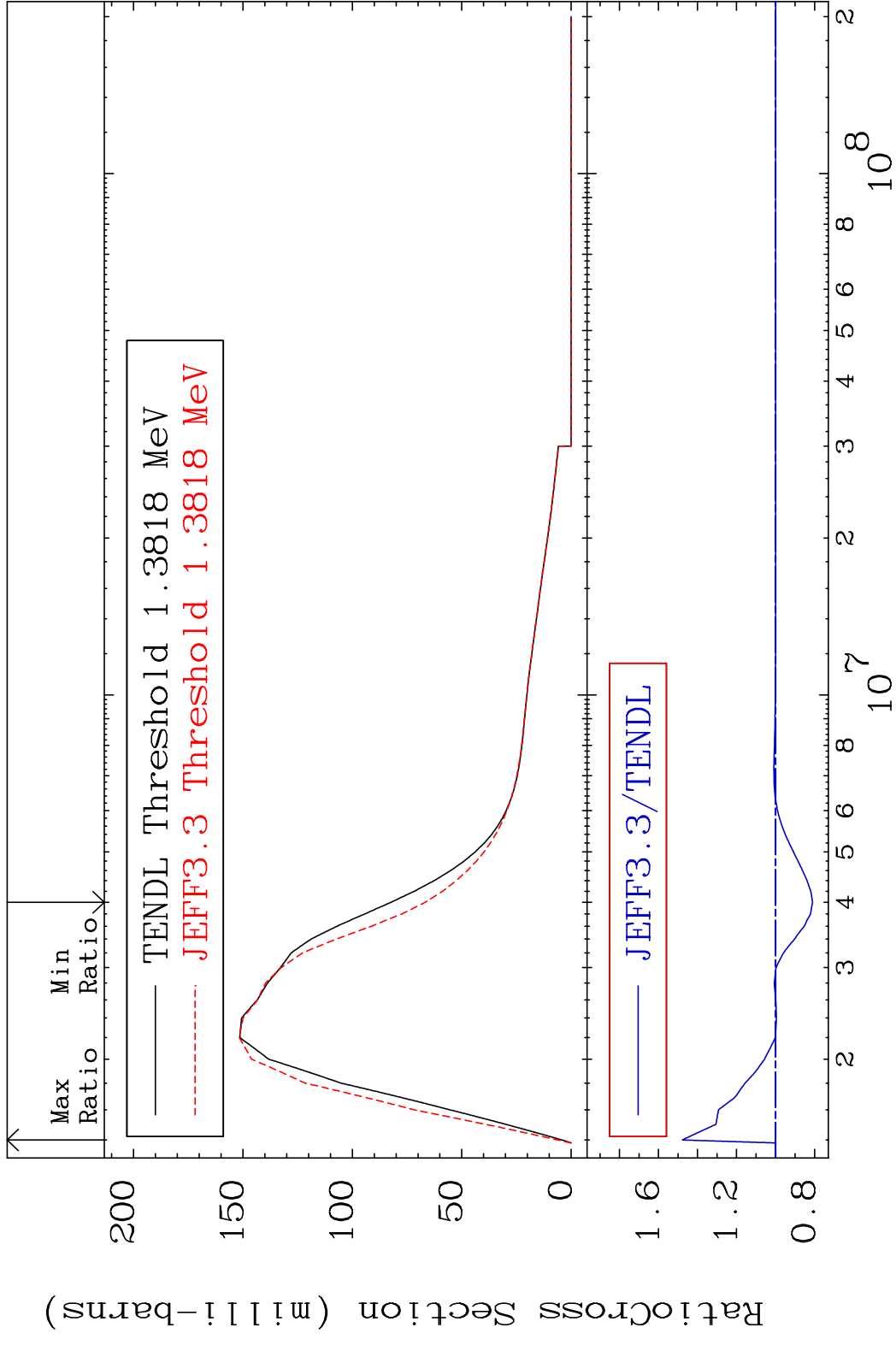


20 1.6 1.2 10⁶ 2 3 4 5 6 8 10⁷ 2 3 4 5 6 8 10⁸ 20

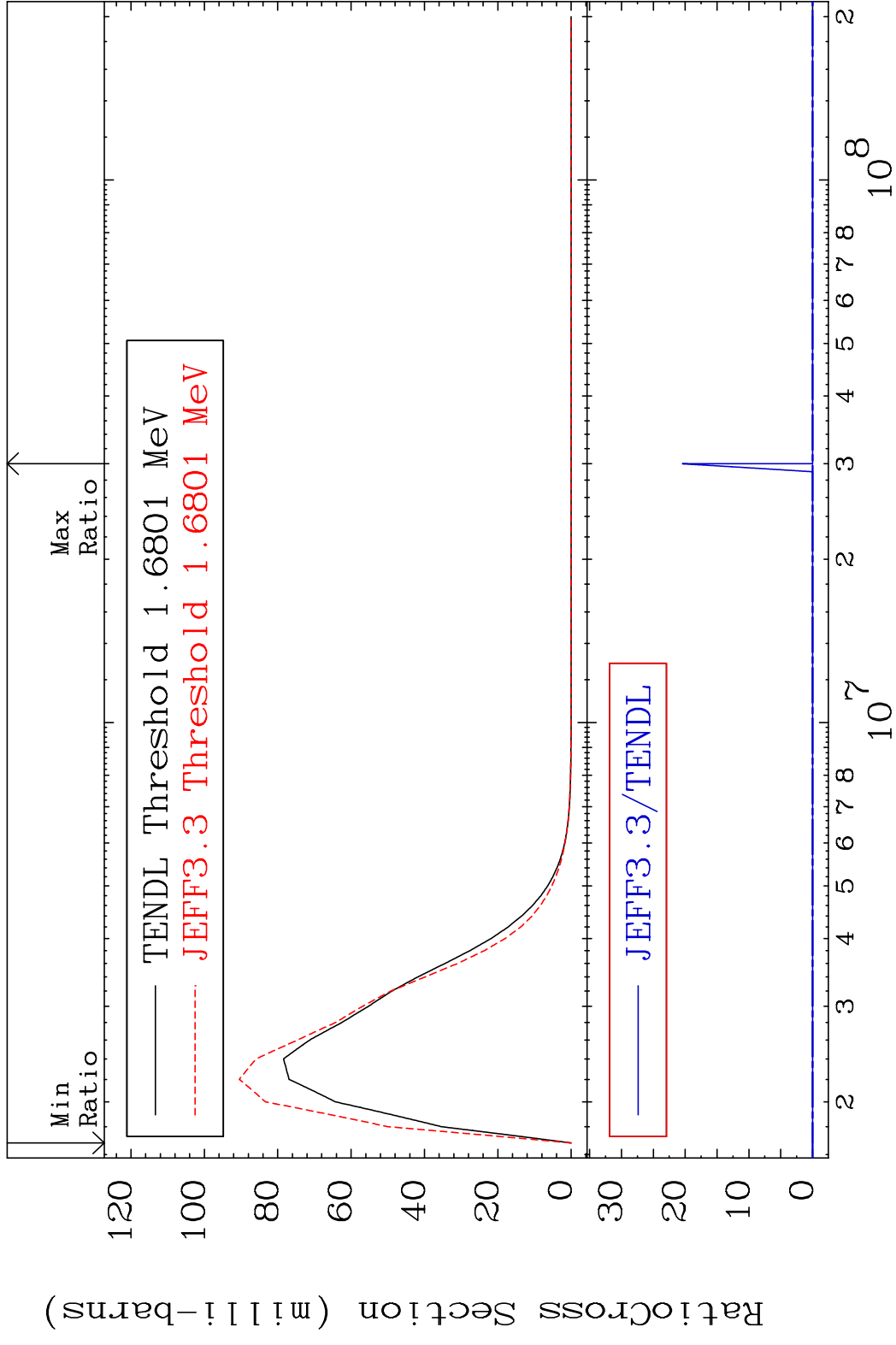
MAT 3425 MT= 53 (n, n') Level 34-Se-74
 Cross Section -100.0 To 34.32 %



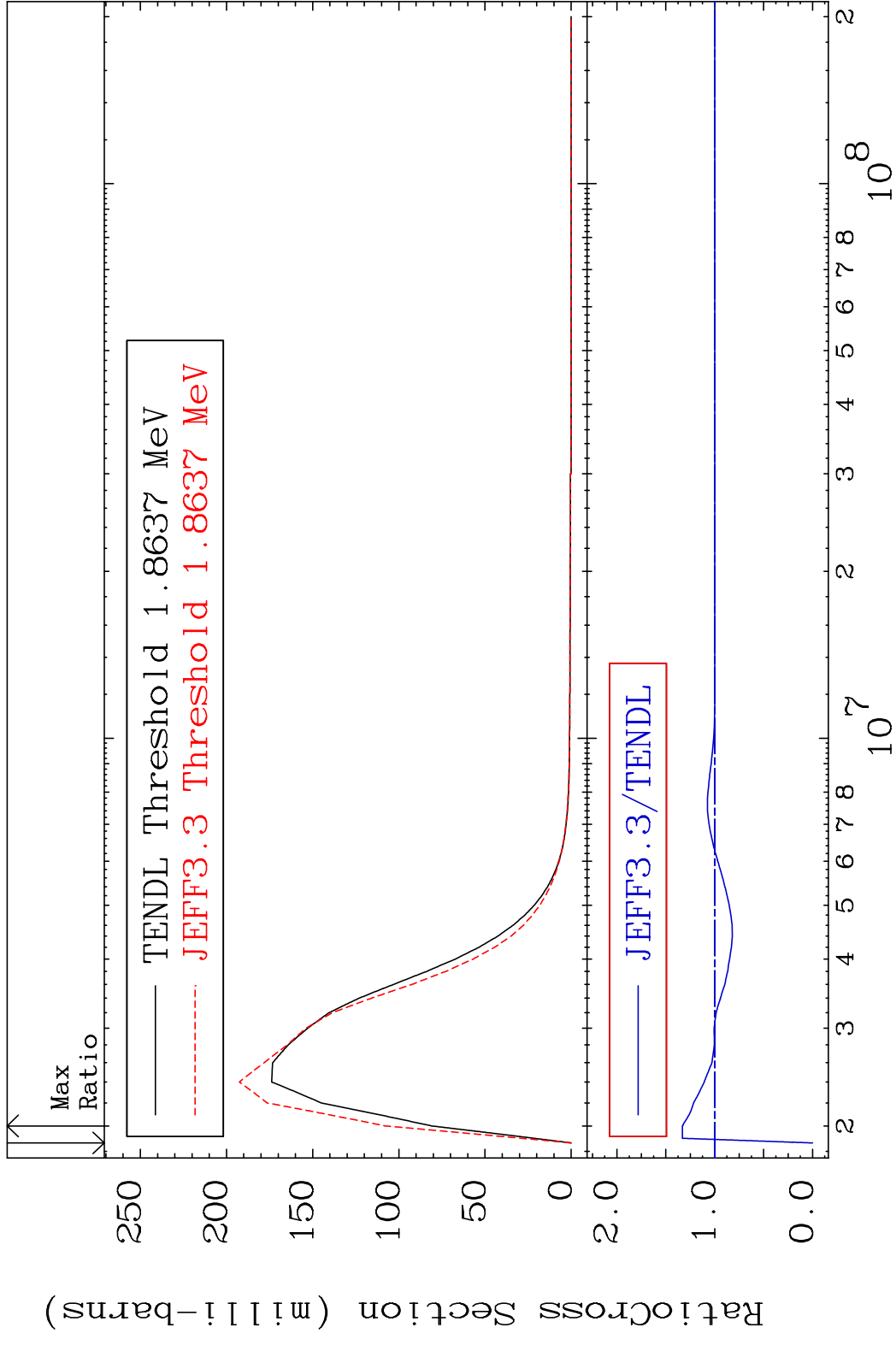
MAT 3425 MT= 54 (n,n') Level 34-Se-74
 Cross Section -18.97 To 47.77 %



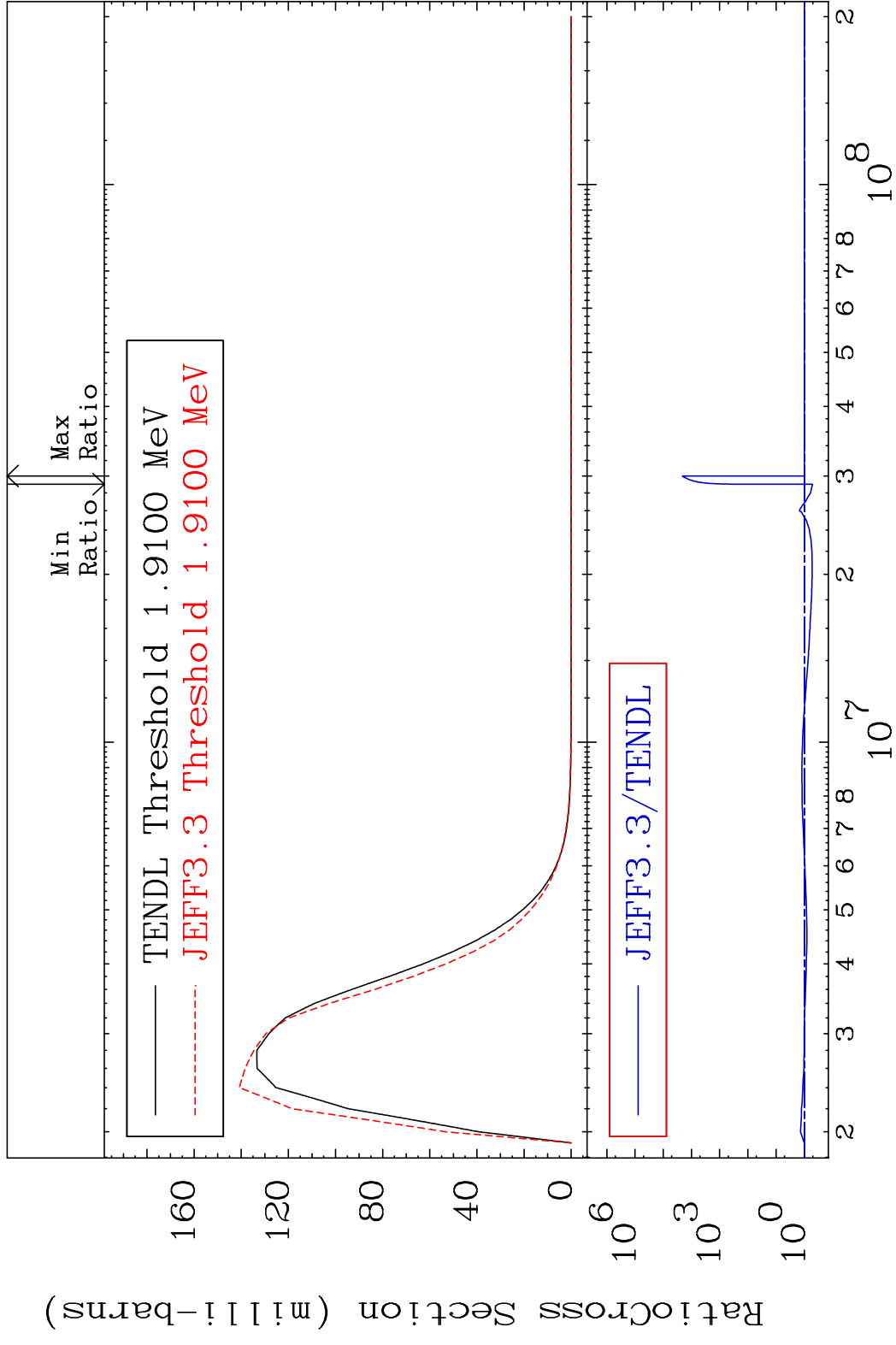
MAT 3425 MT= 55 (n, n') Level 34-Se-74
 Cross Section -100.0 To 9999. %



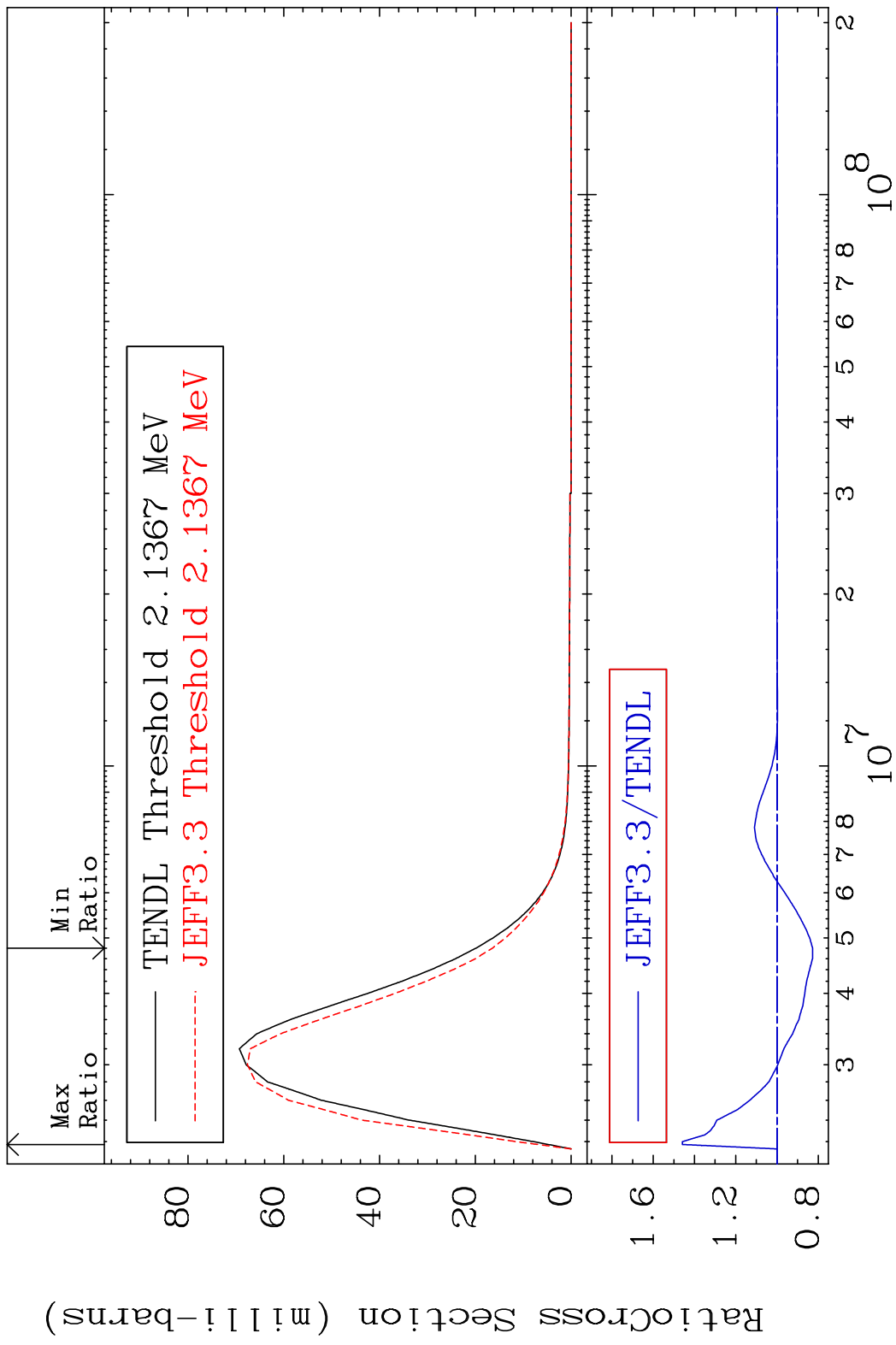
MAT 3425 MT= 56 (n,n') Level 34-Se-74
 Cross Section -100.0 To 33.11 %



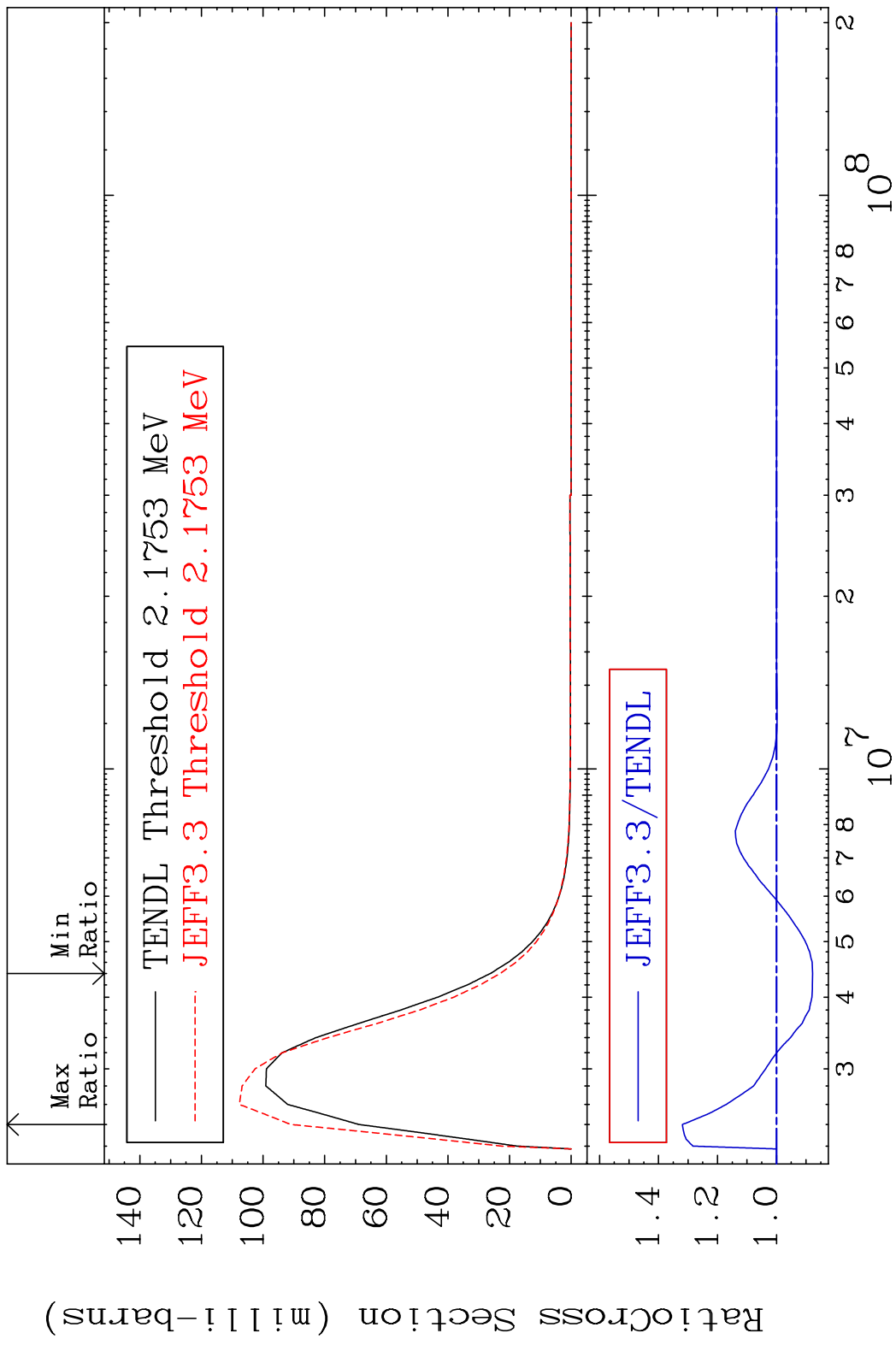
MAT 3425 MT= 57 (n, n') Level 34-Se-74
 Cross Section -49.09 To 9999. %



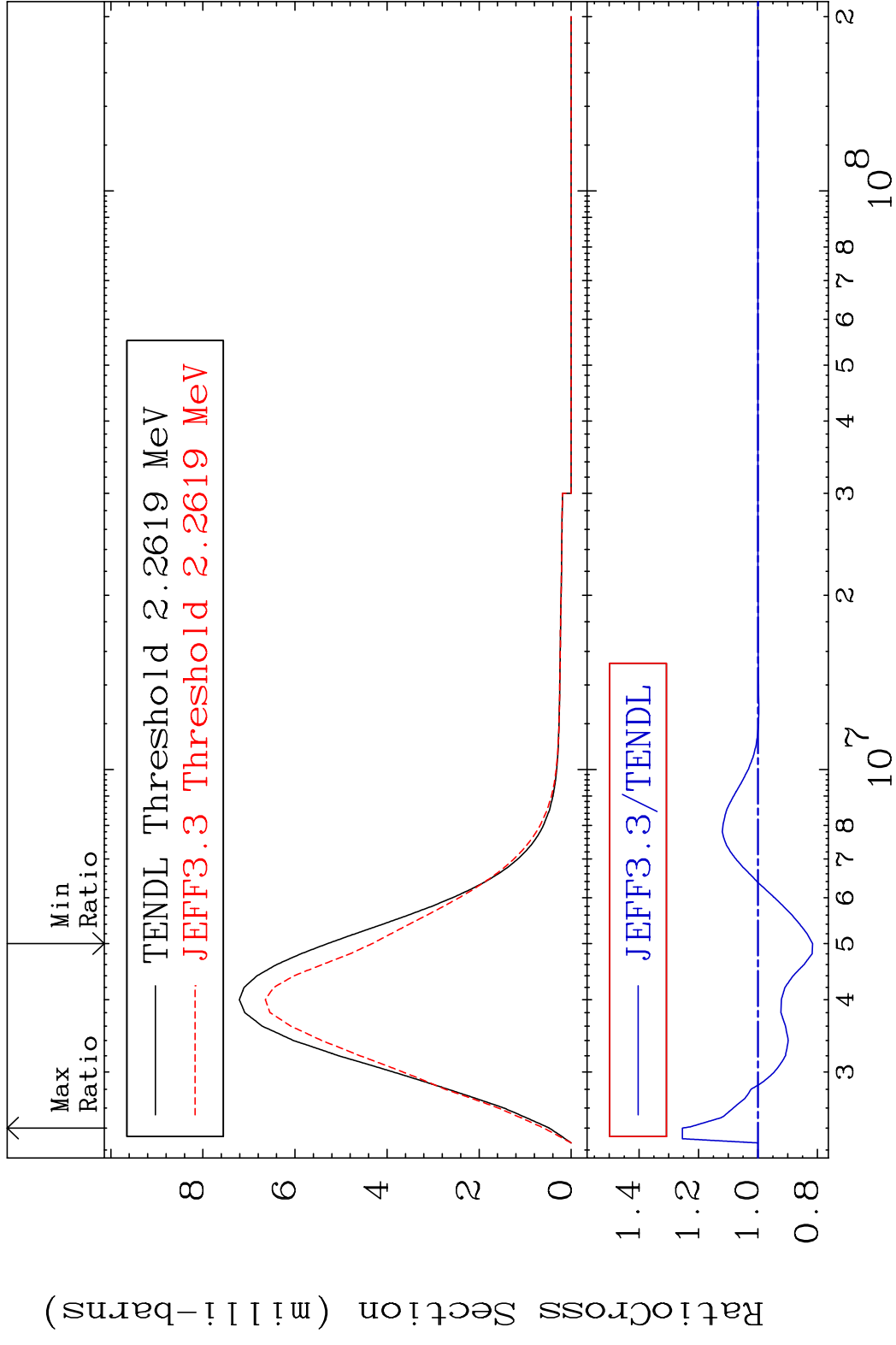
MAT 3425 MT= 58 (n,n') Level 34-Se-74
 Cross Section -17.24 To 45.87 %



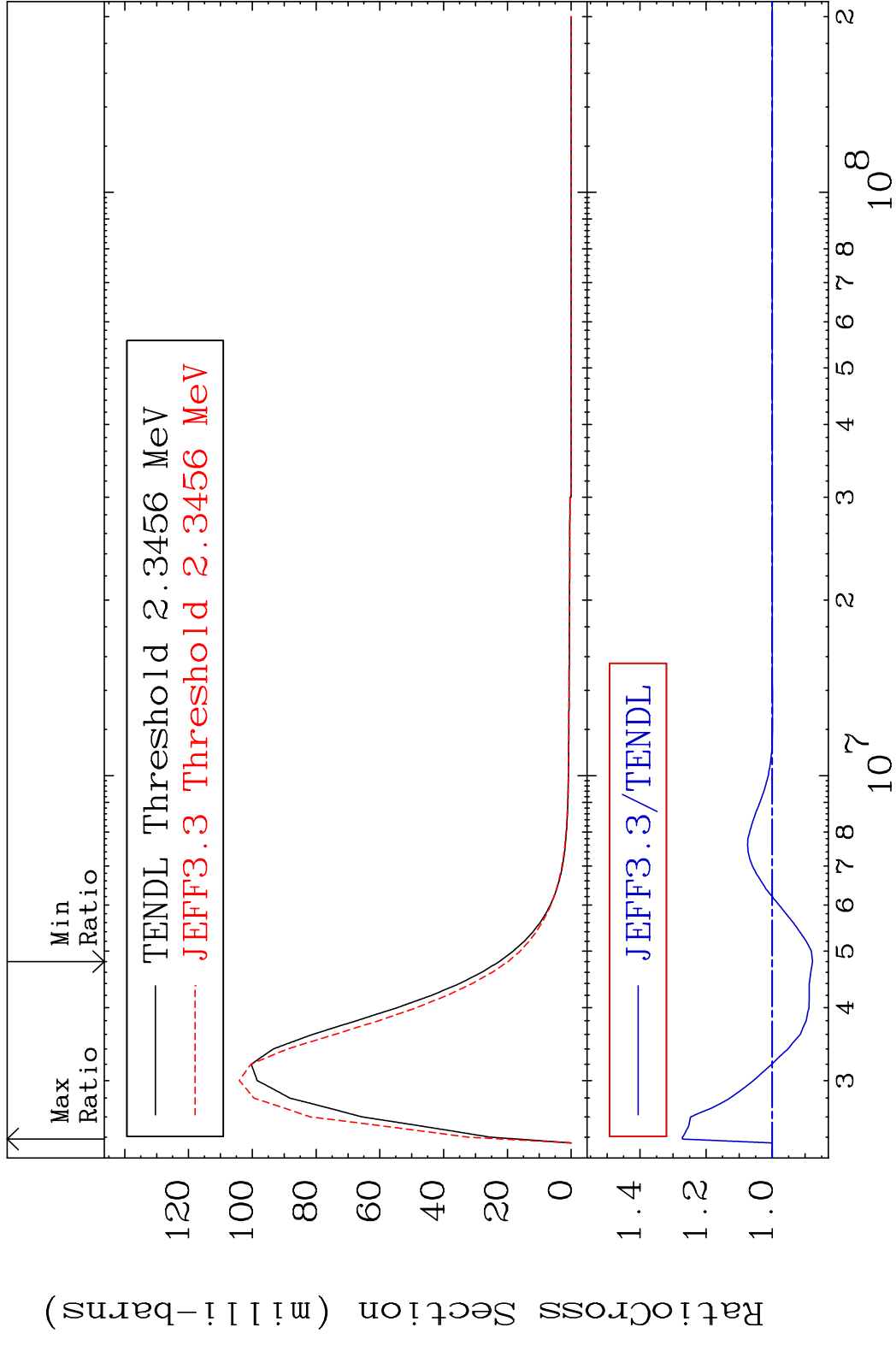
MAT 3425 MT= 59 (n, n') Level 34-Se-74
 Cross Section -12.22 To 31.92 %



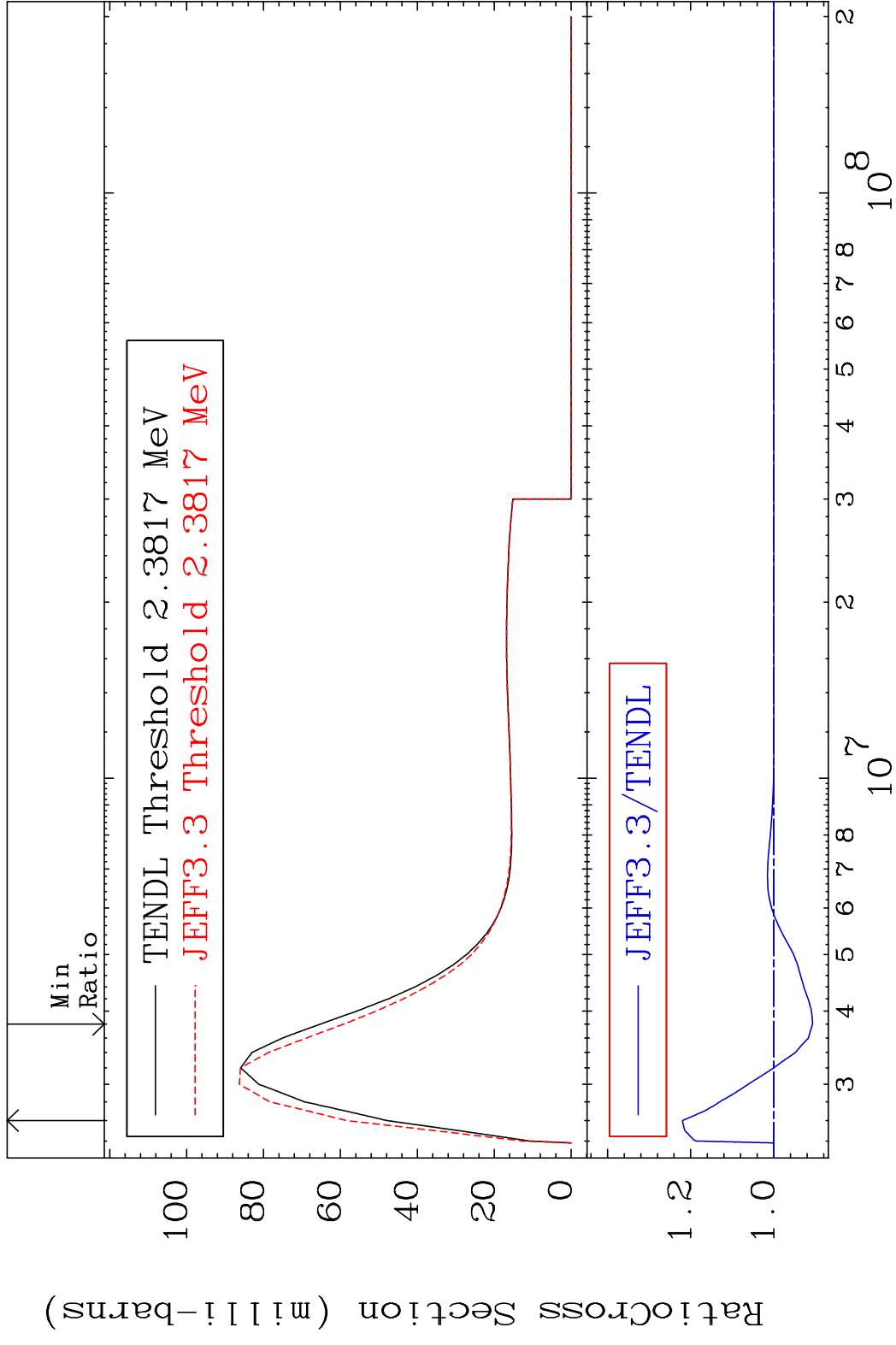
MAT 3425 MT= 60 (n, n') Level 34-Se-74
 Cross Section -18.35 To 25.43 %



MAT 3425 MT= 61 (n, n') Level 34-Se-74
 Cross Section -12.23 To 27.20 %

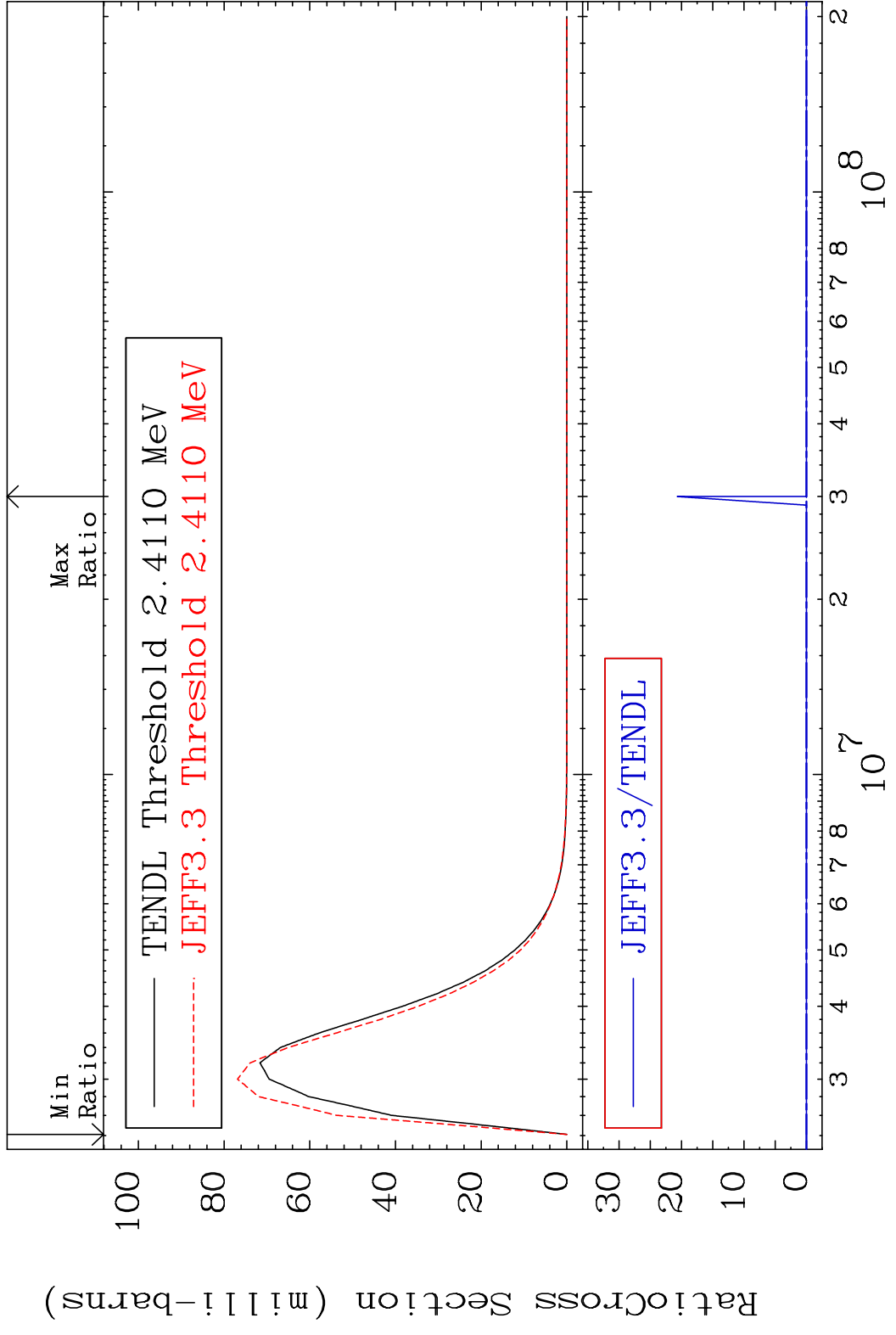


MAT 3425 MT= 62 (n, n') Level 34-Se-74
 Cross Section -9.299 To 22.01 %

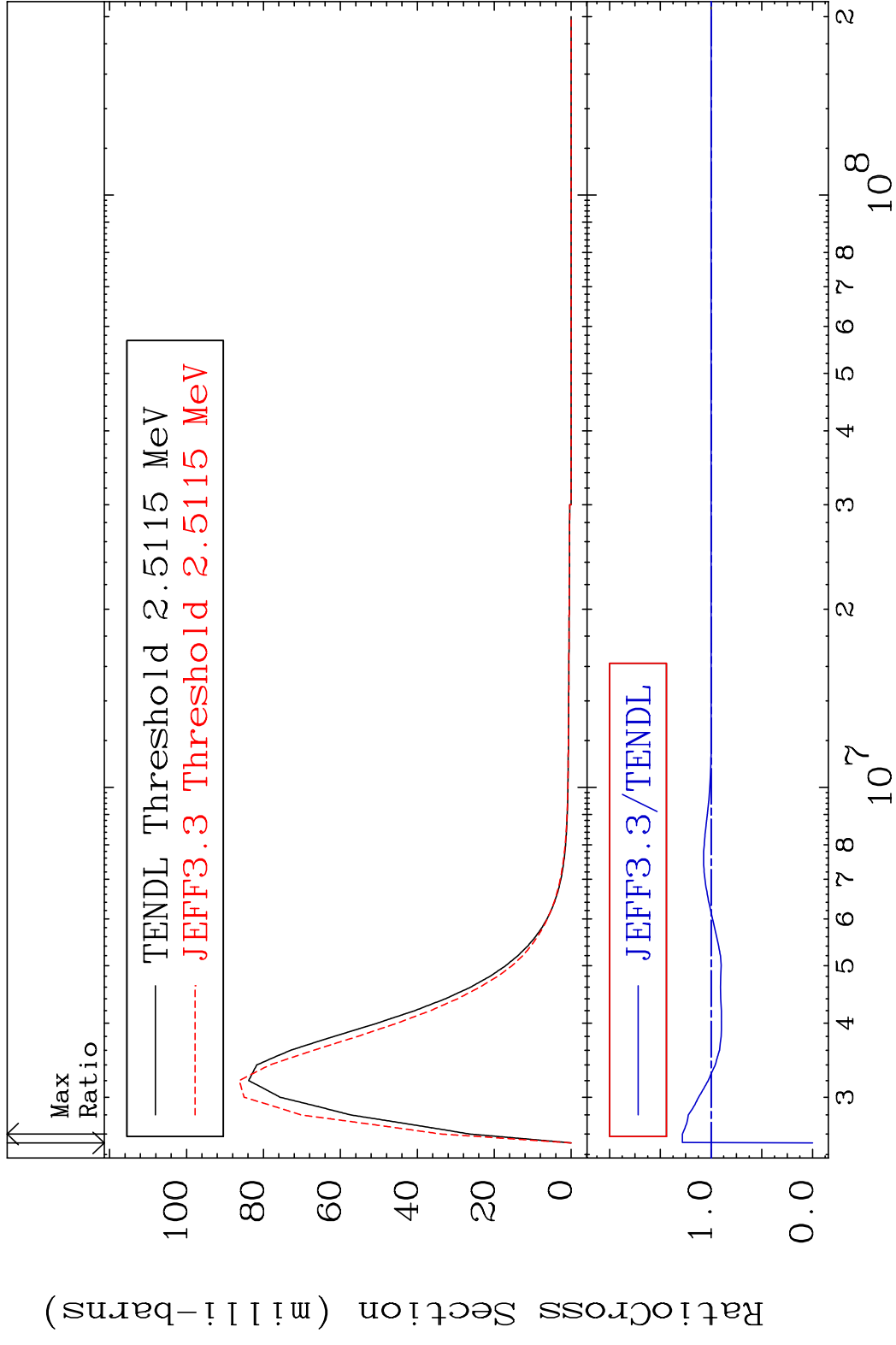


30 Incident Energy (eV) 34-Se-74

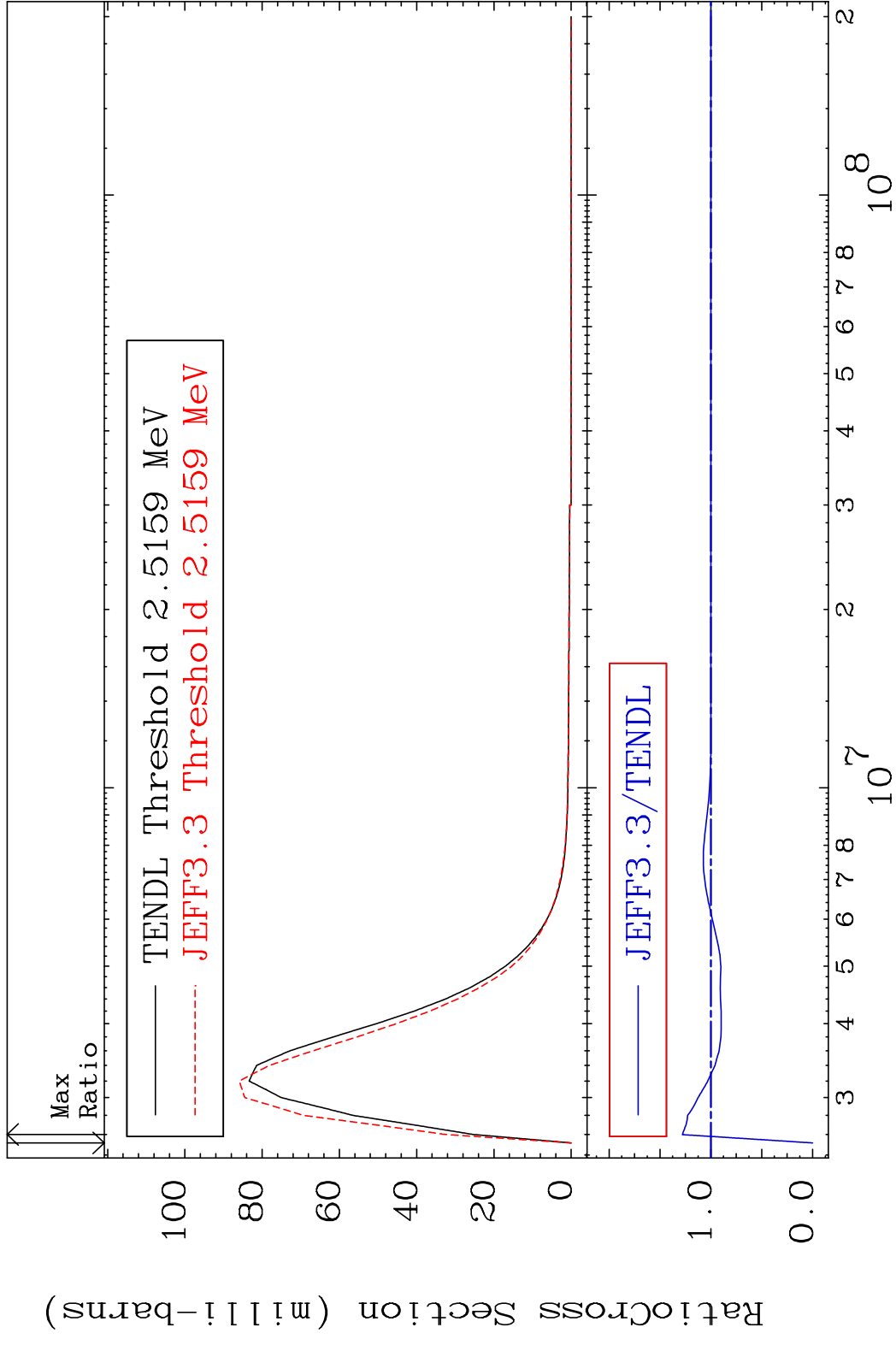
MAT 3425 MT= 63 (n, n') Level 34-Se-74
 Cross Section -100.0 To 9999. %



MAT 3425 MT= 64 (n,n') Level 34-Se-74
 Cross Section -100.0 To 28.29 %

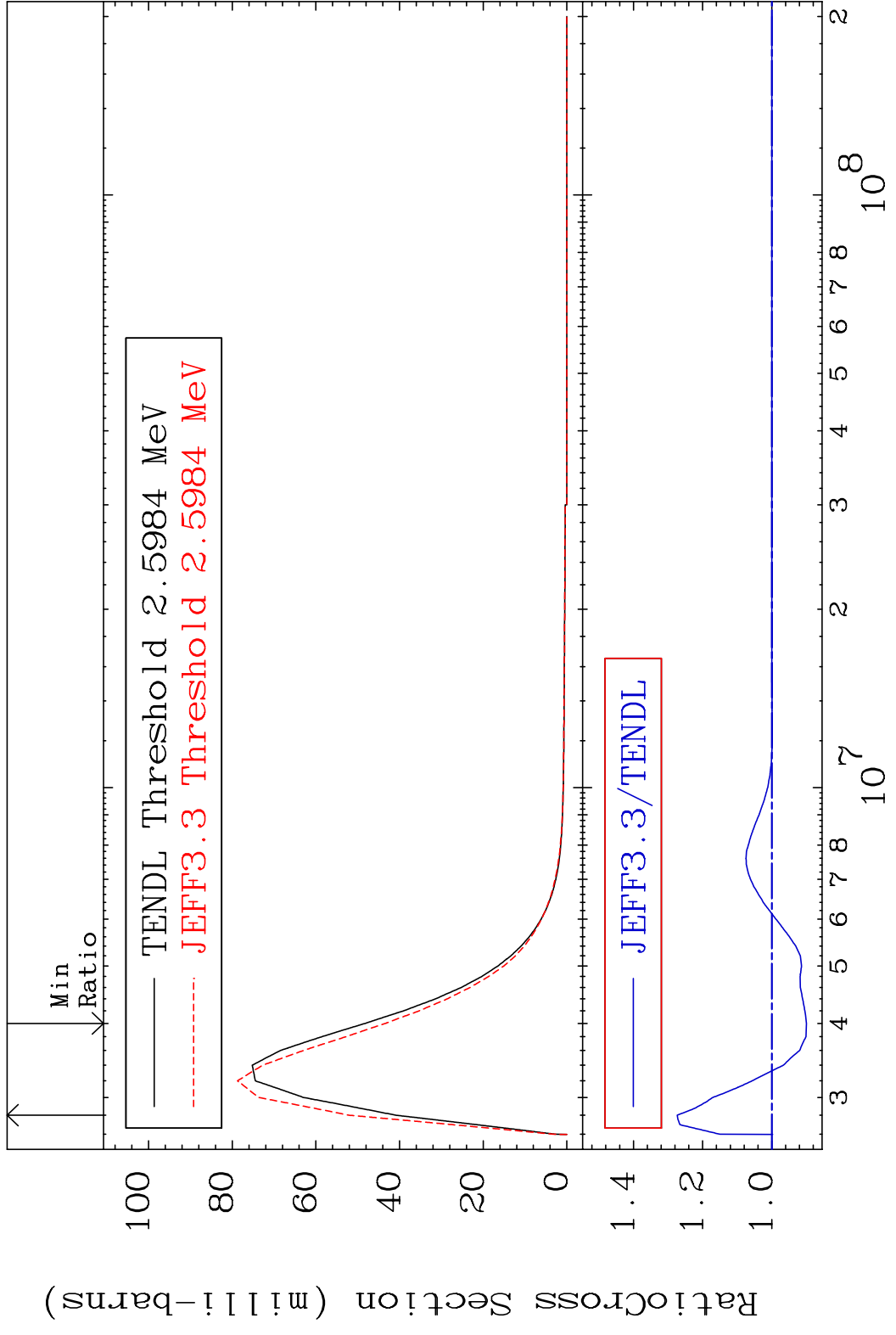


MAT 3425 MT= 65 (n,n') Level 34-Se-74
 Cross Section -100.0 To 27.98 %

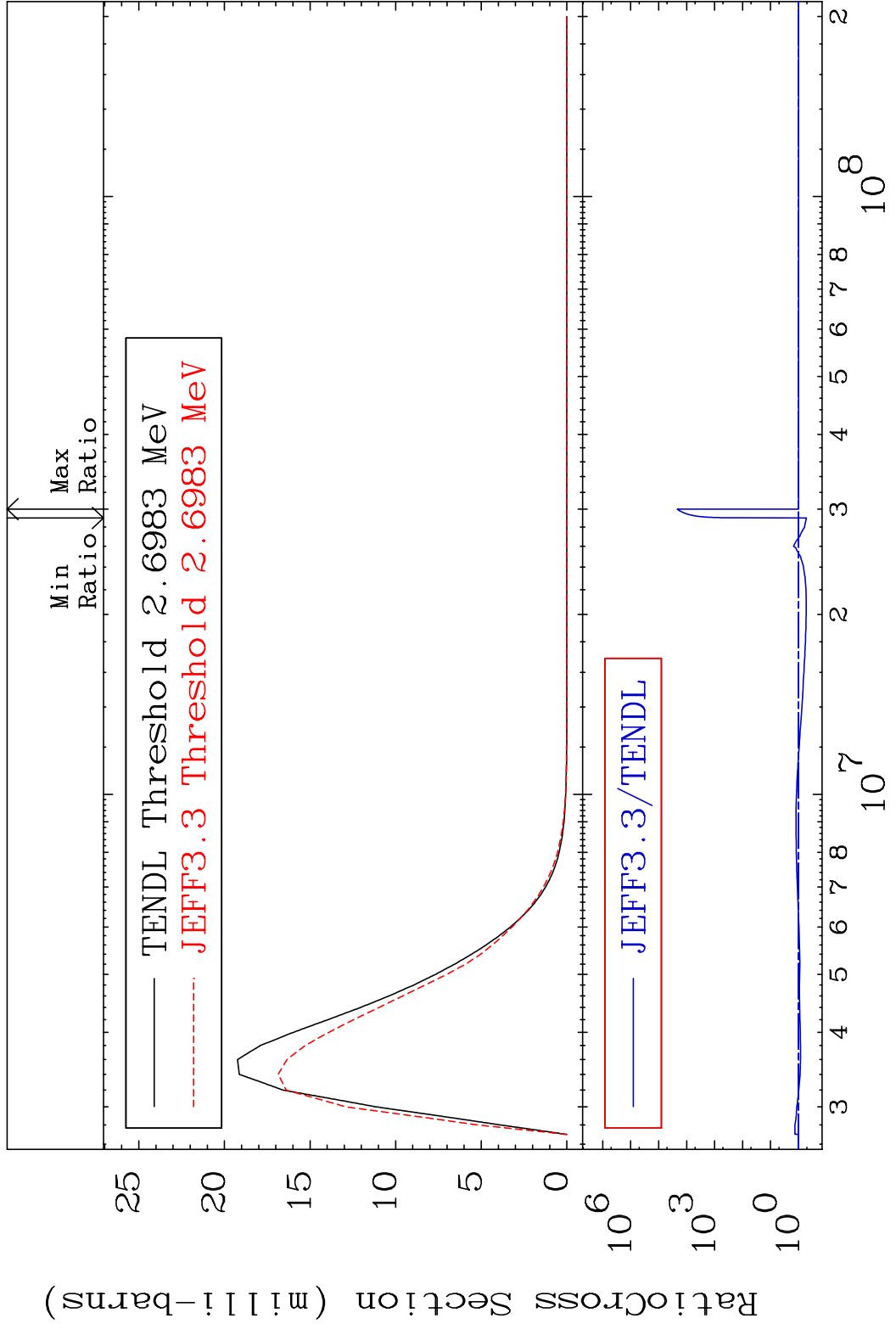


33 Incident Energy (eV) 34-Se-74

MAT 3425 MT= 66 (n,n') Level 34-Se-74
 Cross Section -10.00 To 27.36 %

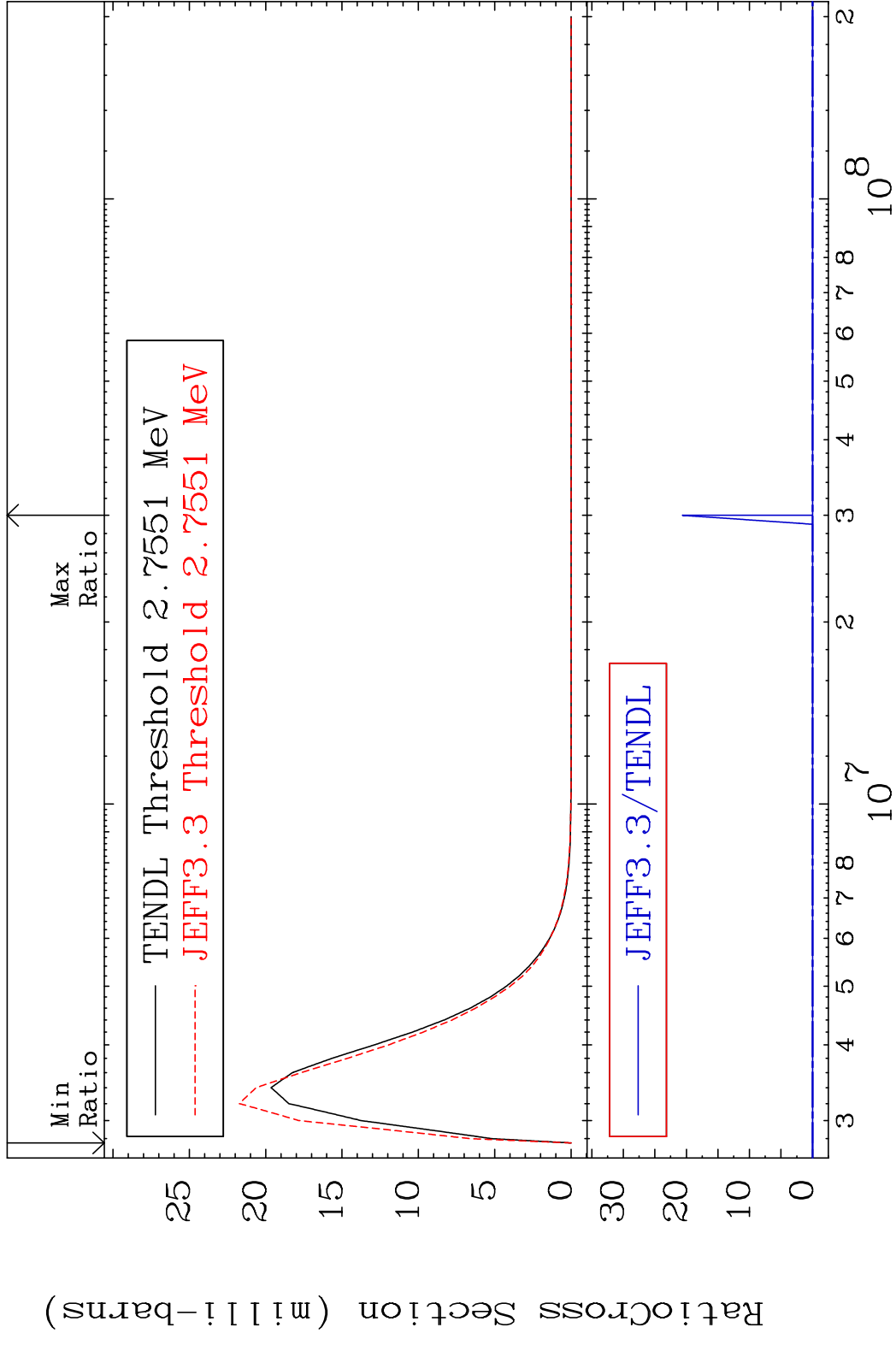


MAT 3425 MT= 67 (n, n') Level 34-Se-74
 Cross Section -47.58 To 9999. %

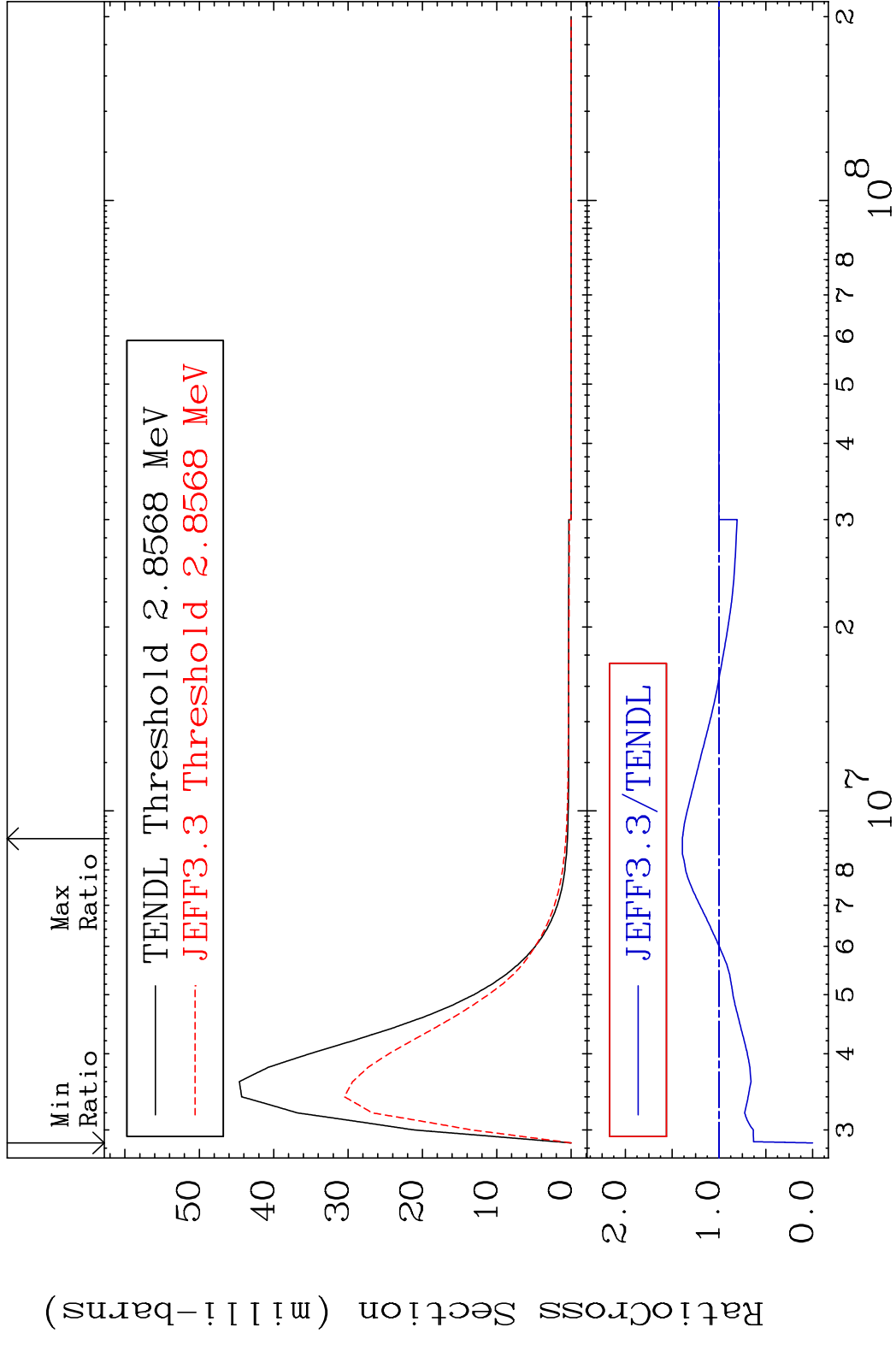


35 Incident Energy (eV) 34-Se-74

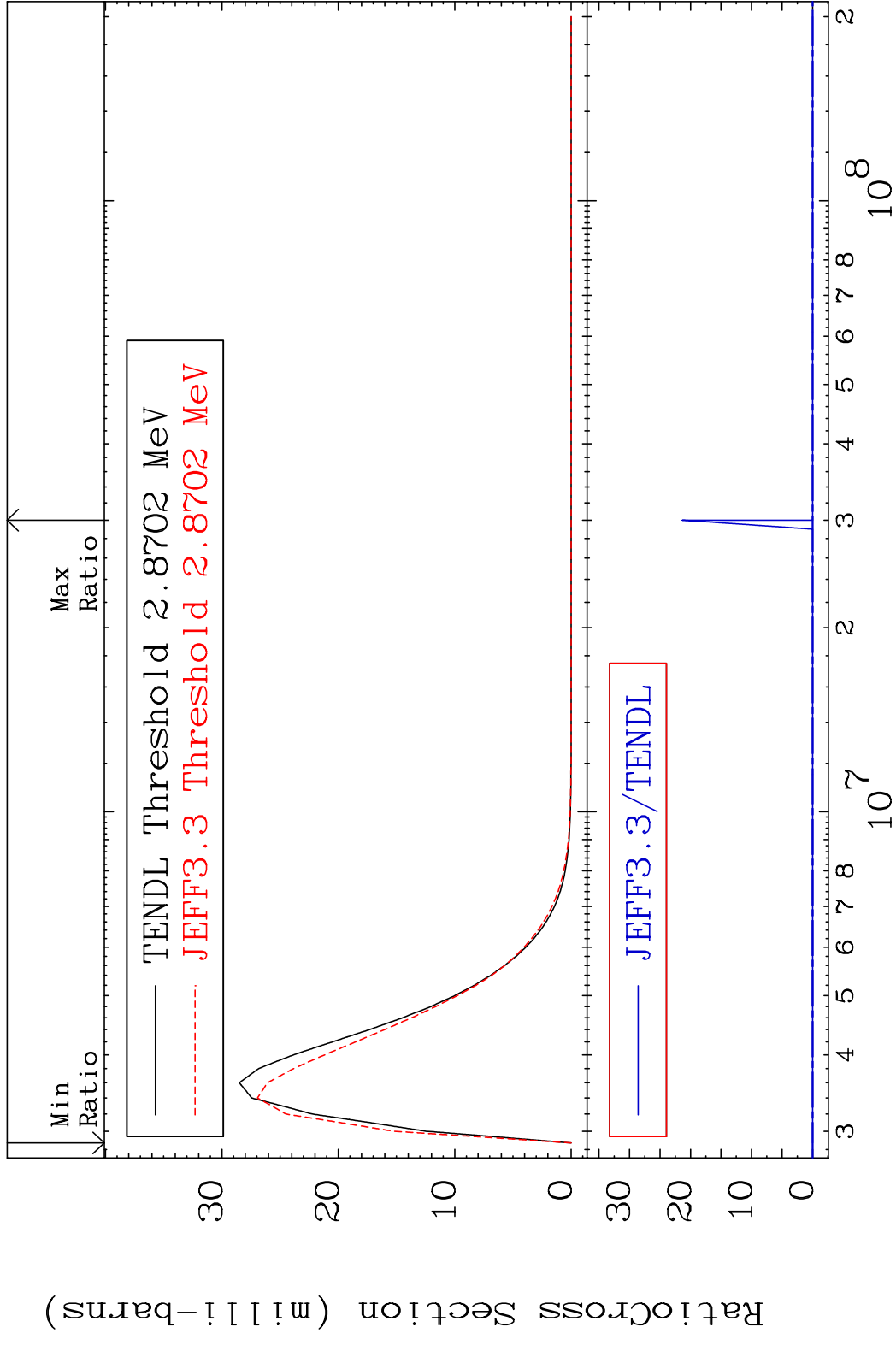
MAT 3425 MT= 68 (n, n') Level 34-Se-74
 Cross Section -100.0 To 9999. %



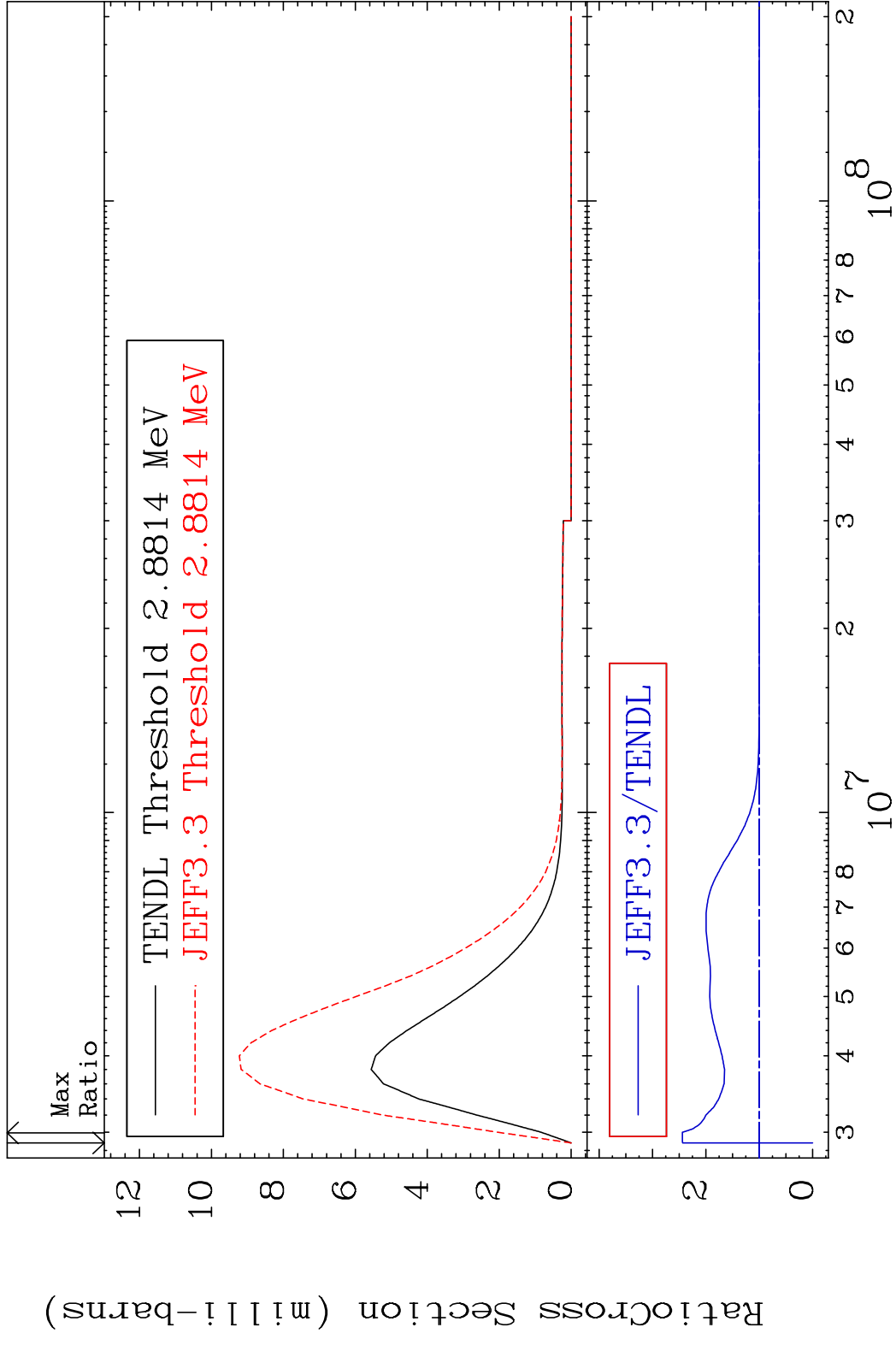
MAT 3425 MT= 69 (n, n') Level 34-Se-74
 Cross Section -100.0 To 39.16 %



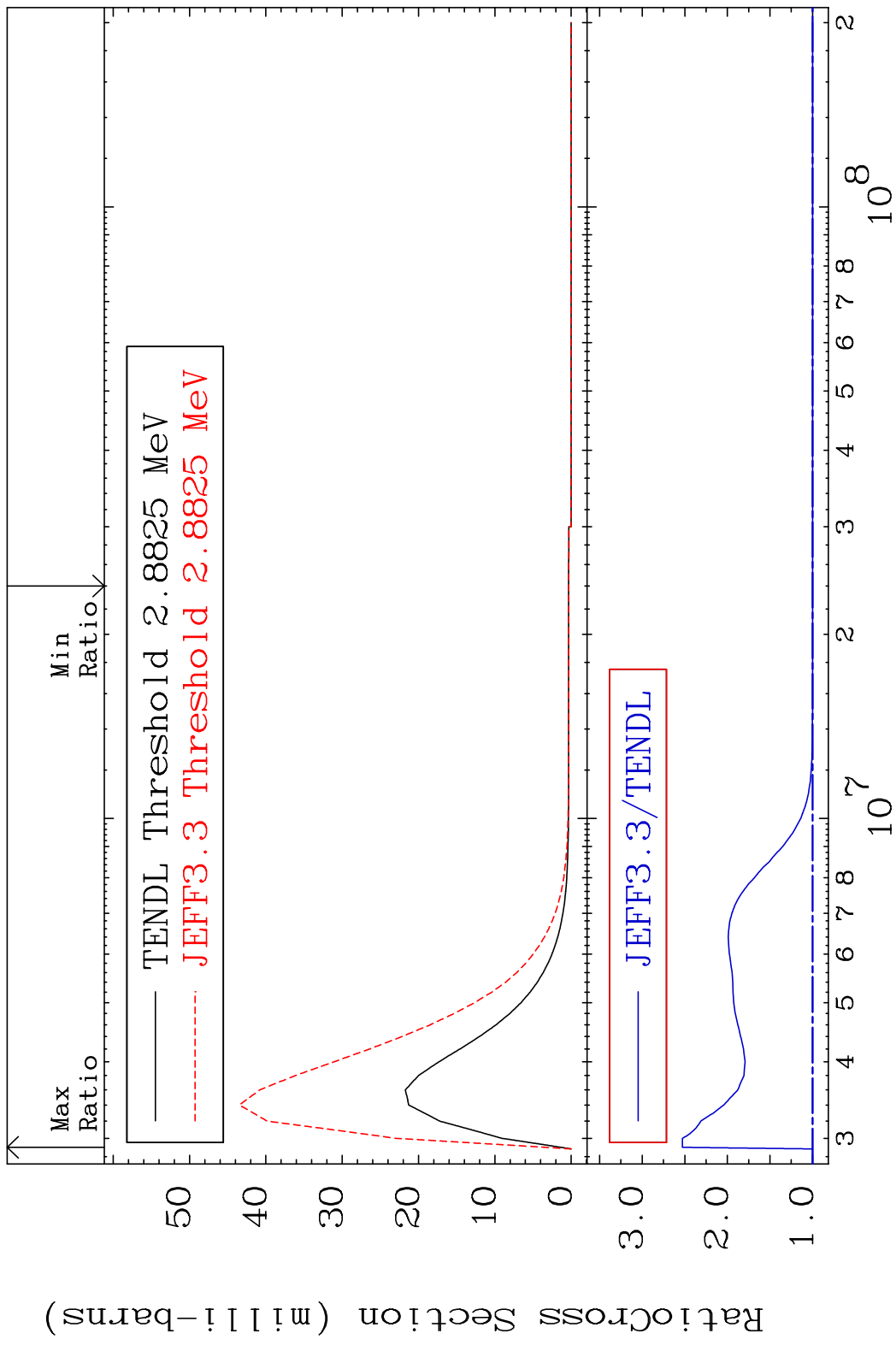
MAT 3425 MT= 70 (n, n') Level 34-Se-74
 Cross Section -100.0 To 9999. %



MAT 3425 MT= 71 (n,n') Level 34-Se-74
 Cross Section -100.0 To 144.0 %

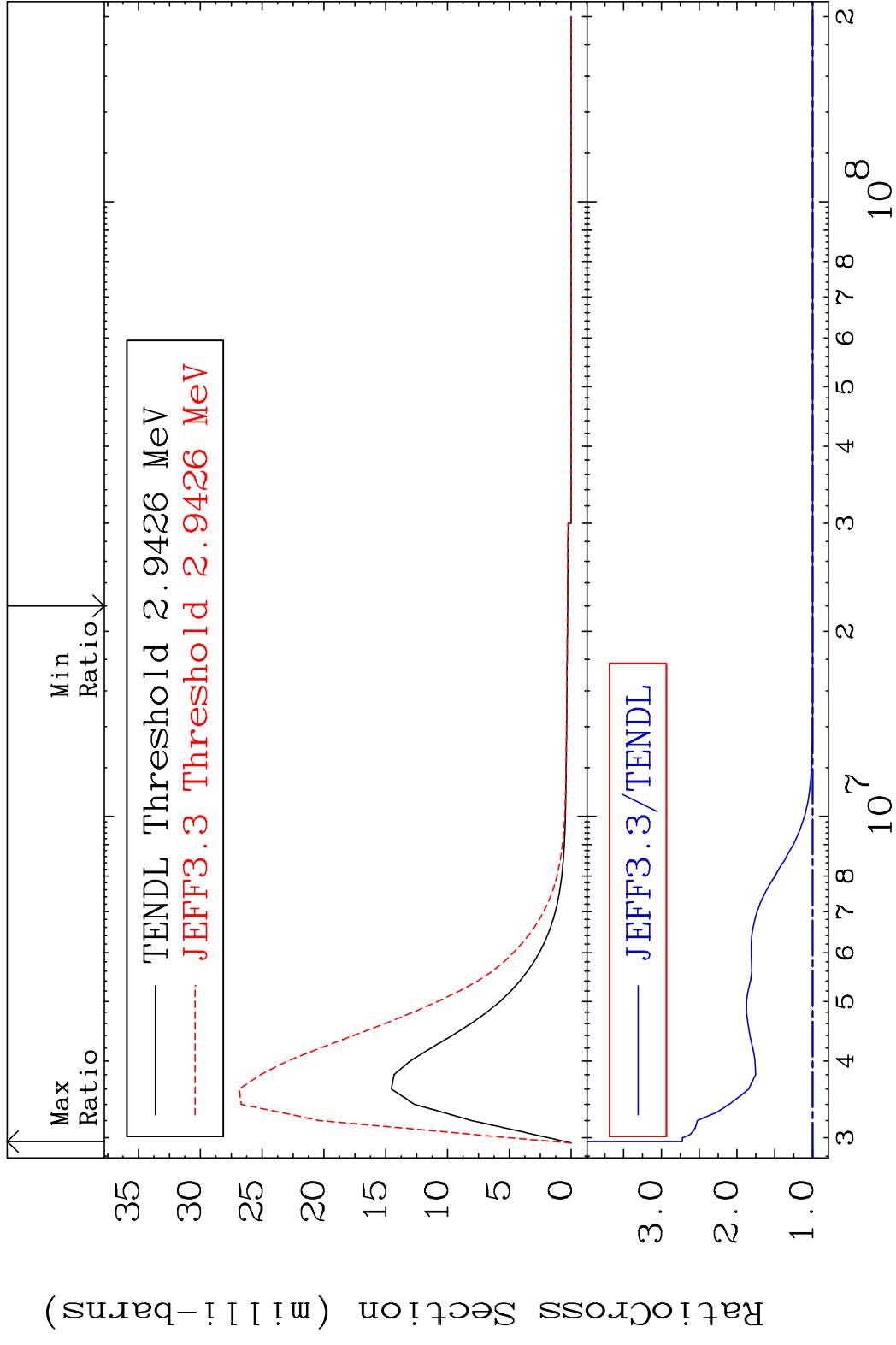


MAT 3425 MT= 72 (n, n') Level 34-Se-74
 Cross Section 0.000 To 152.9 %

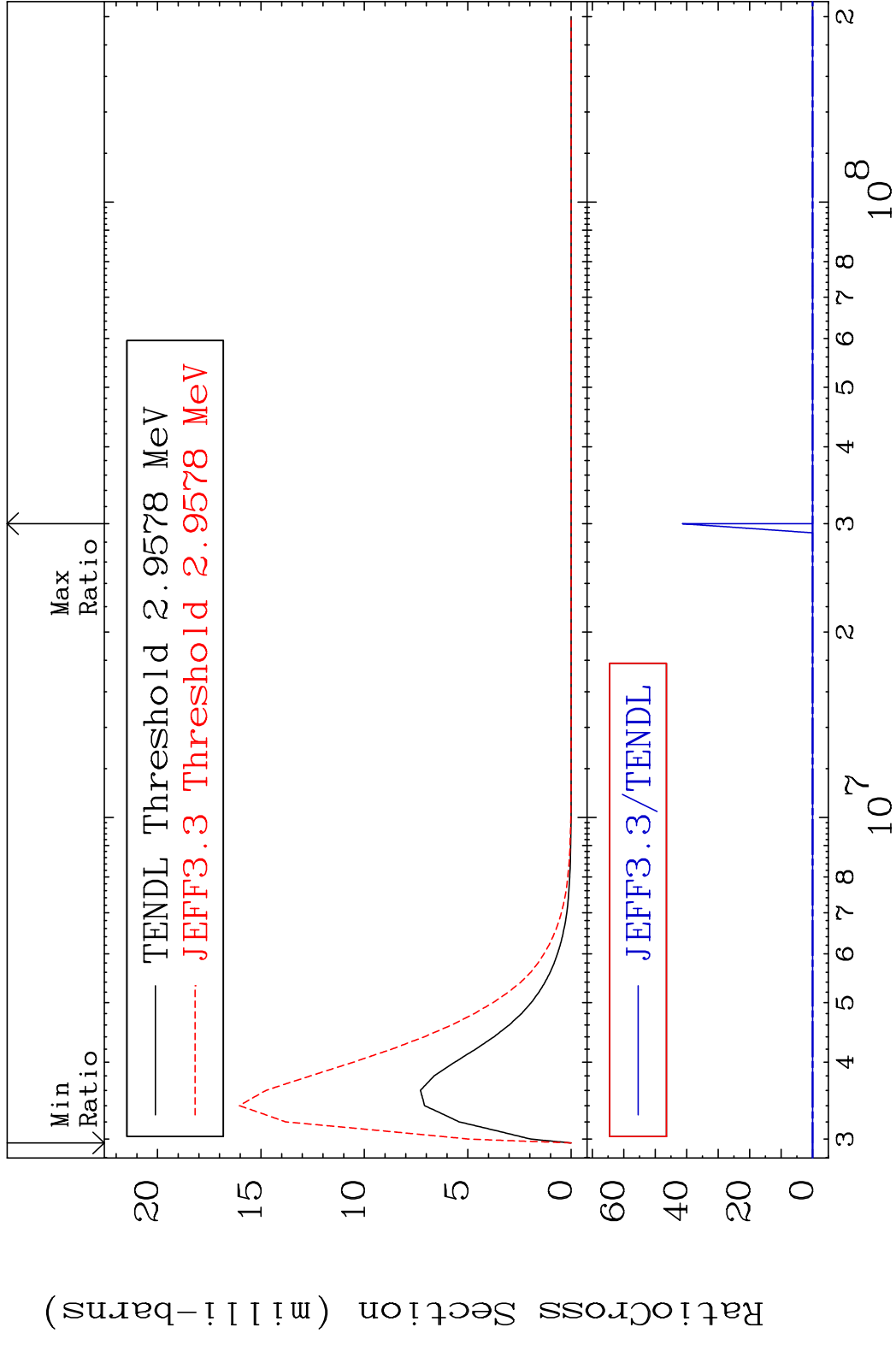


40 Incident Energy (eV) 34-Se-74

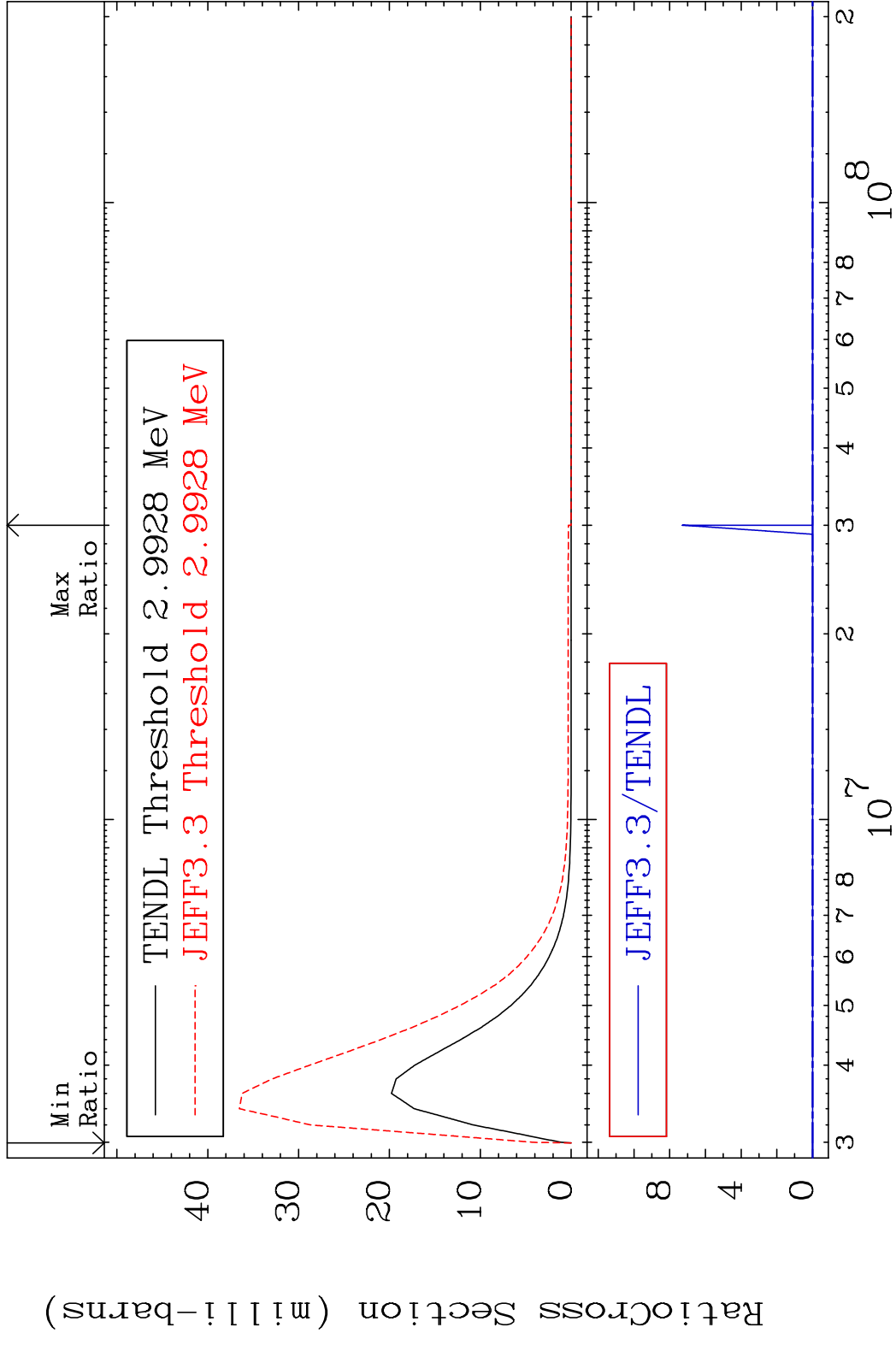
MAT 3425 MT= 73 (n, n') Level 34-Se-74
 Cross Section 0.000 To 172.3 %



MAT 3425 MT= 74 (n, n') Level 34-Se-74
 Cross Section -100.0 To 9999. %

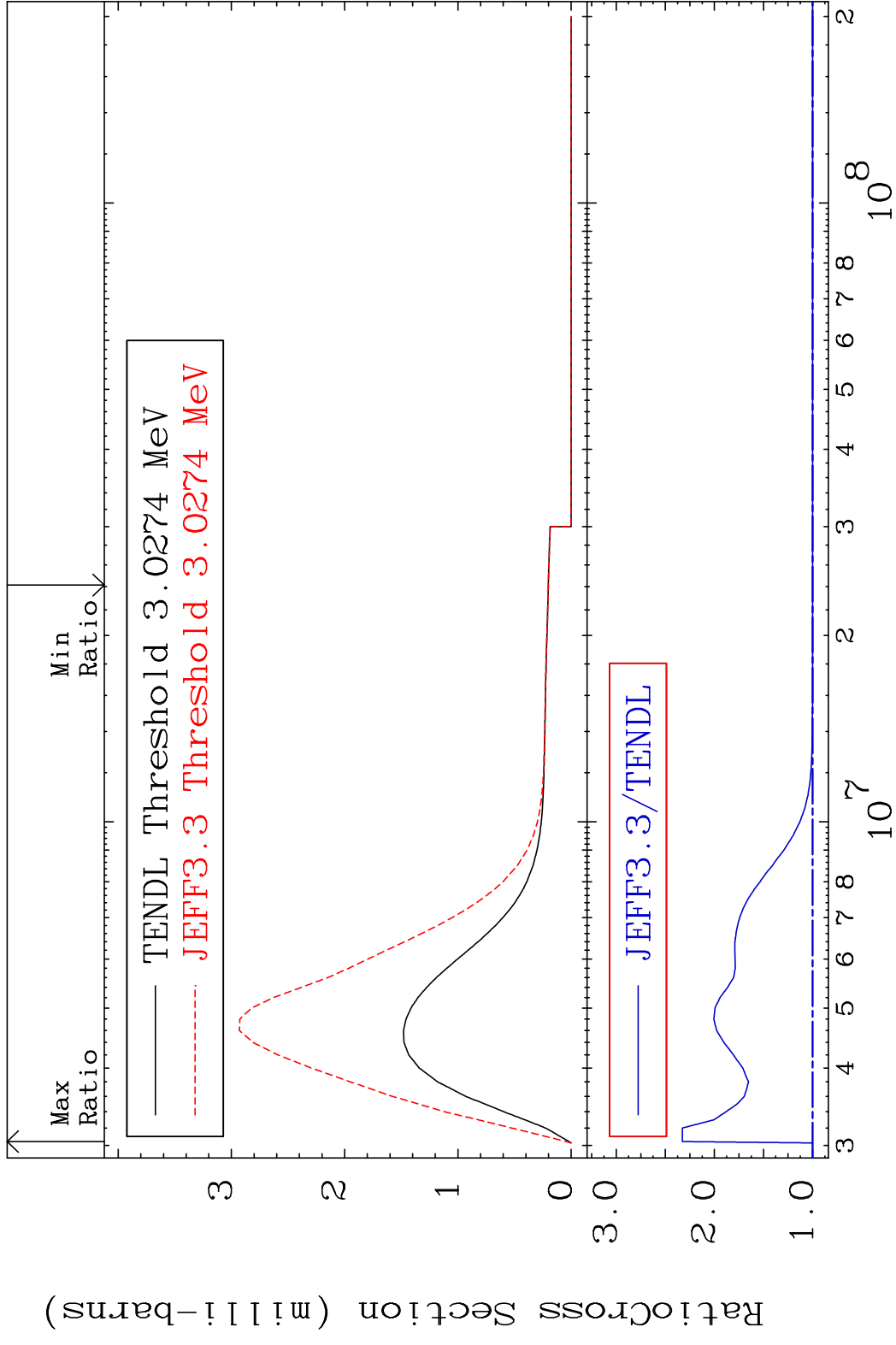


MAT 3425 MT= 75 (n, n') Level 34-Se-74
 Cross Section -100.0 To 9999. %

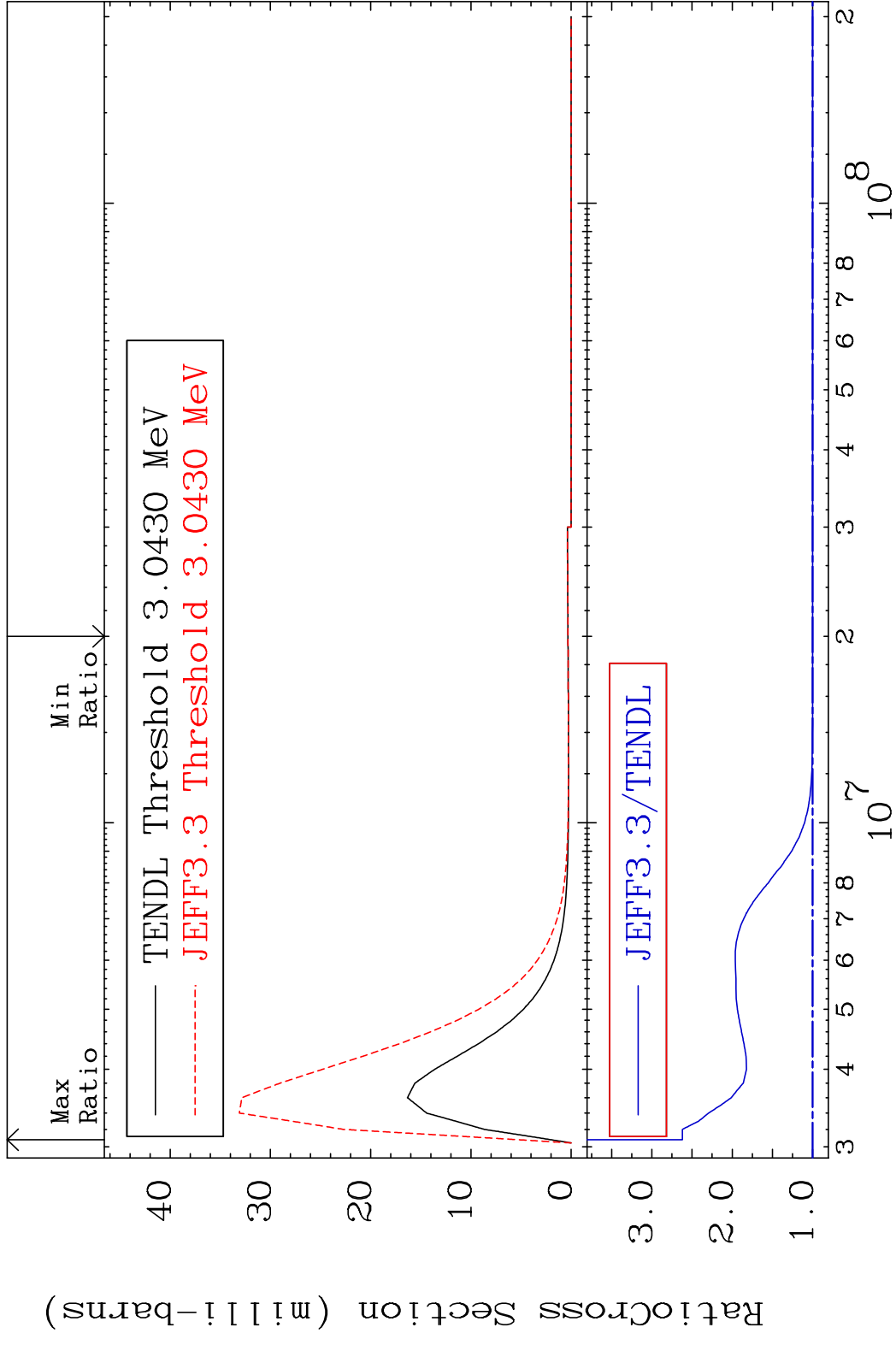


43 34-Se-74

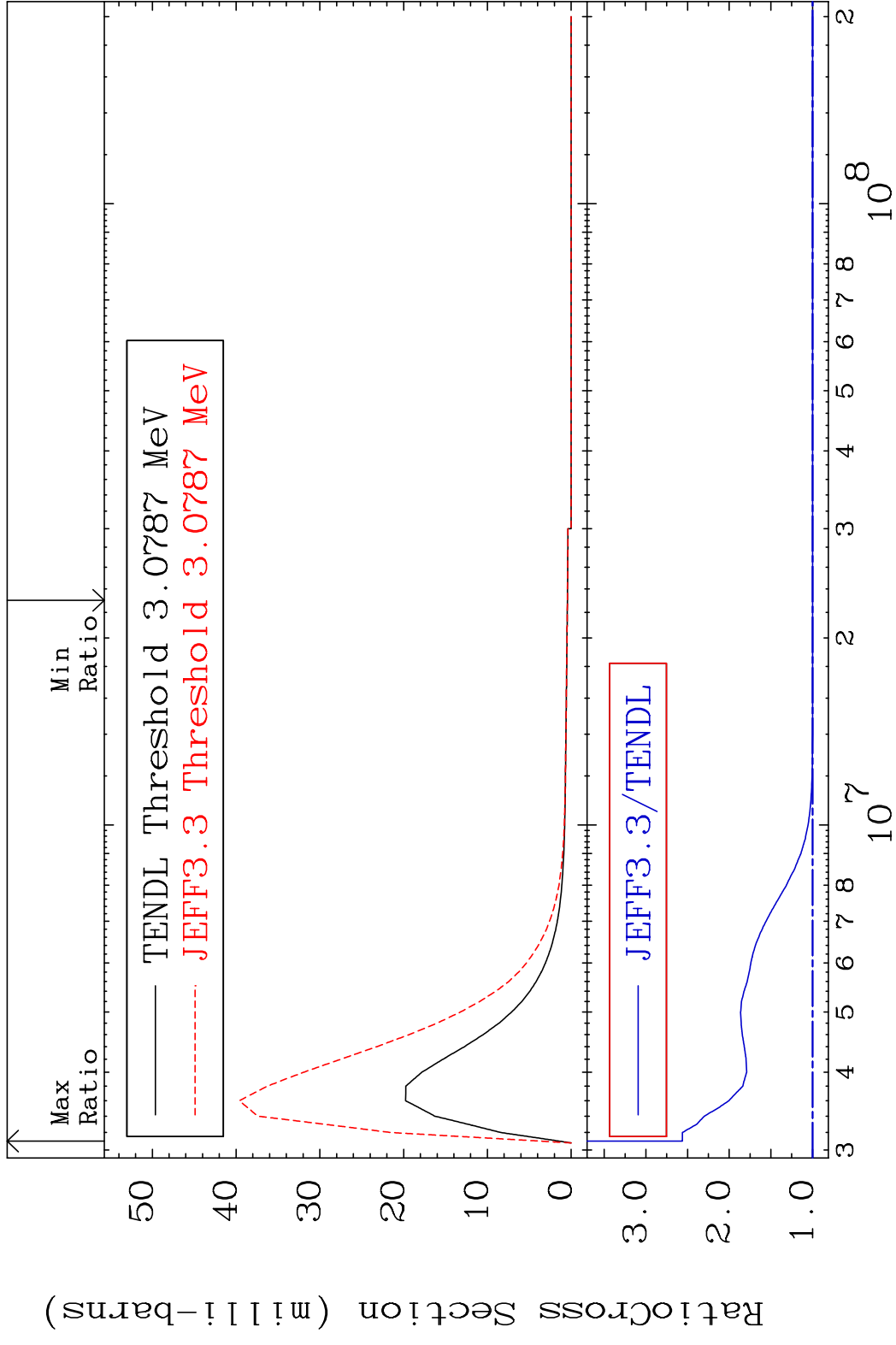
MAT 3425 MT= 76 (n, n') Level 34-Se-74
 Cross Section 0.000 To 132.6 %



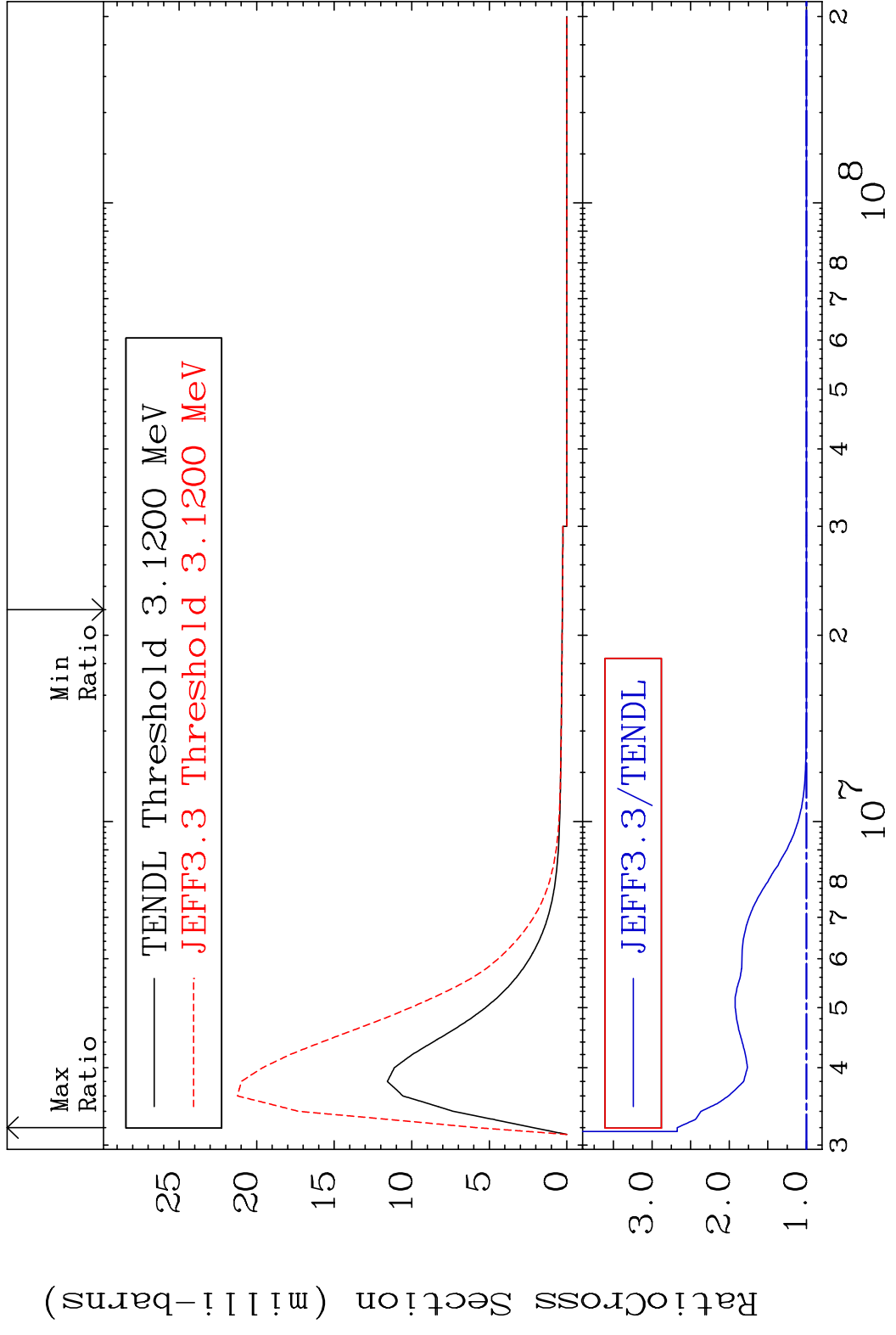
MAT 3425 MT= 77 (n,n') Level 34-Se-74
 Cross Section 0.000 To 162.1 %



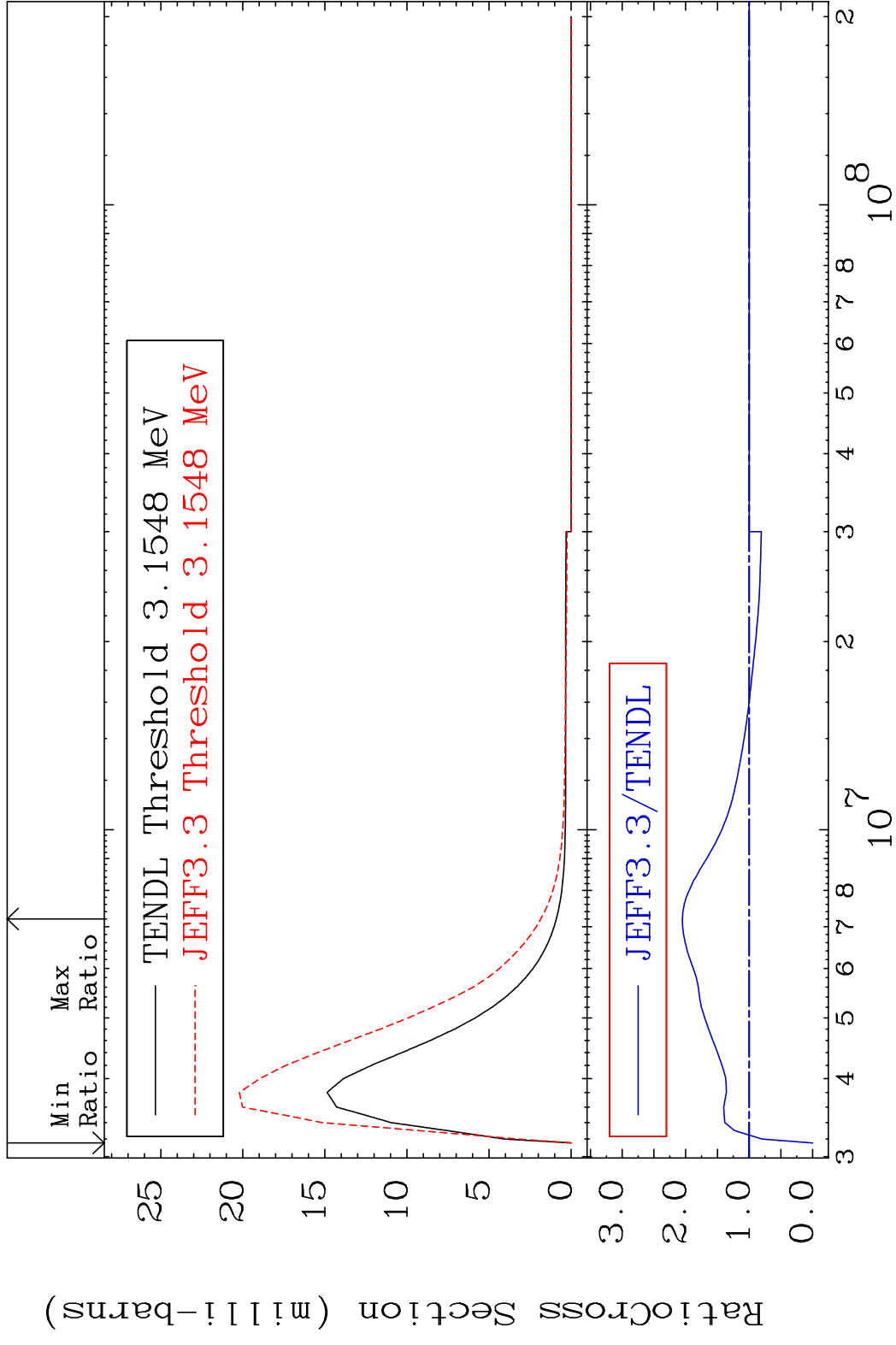
MAT 3425 MT= 78 (n,n') Level 34-Se-74
 Cross Section 0.000 To 156.2 %



MAT 3425 MT= 79 (n, n') Level 34-Se-74
 Cross Section 0.000 To 167.4 %



MAT 3425 MT= 80 (n, n') Level 34-Se-74
 Cross Section -100.0 To 105.3 %

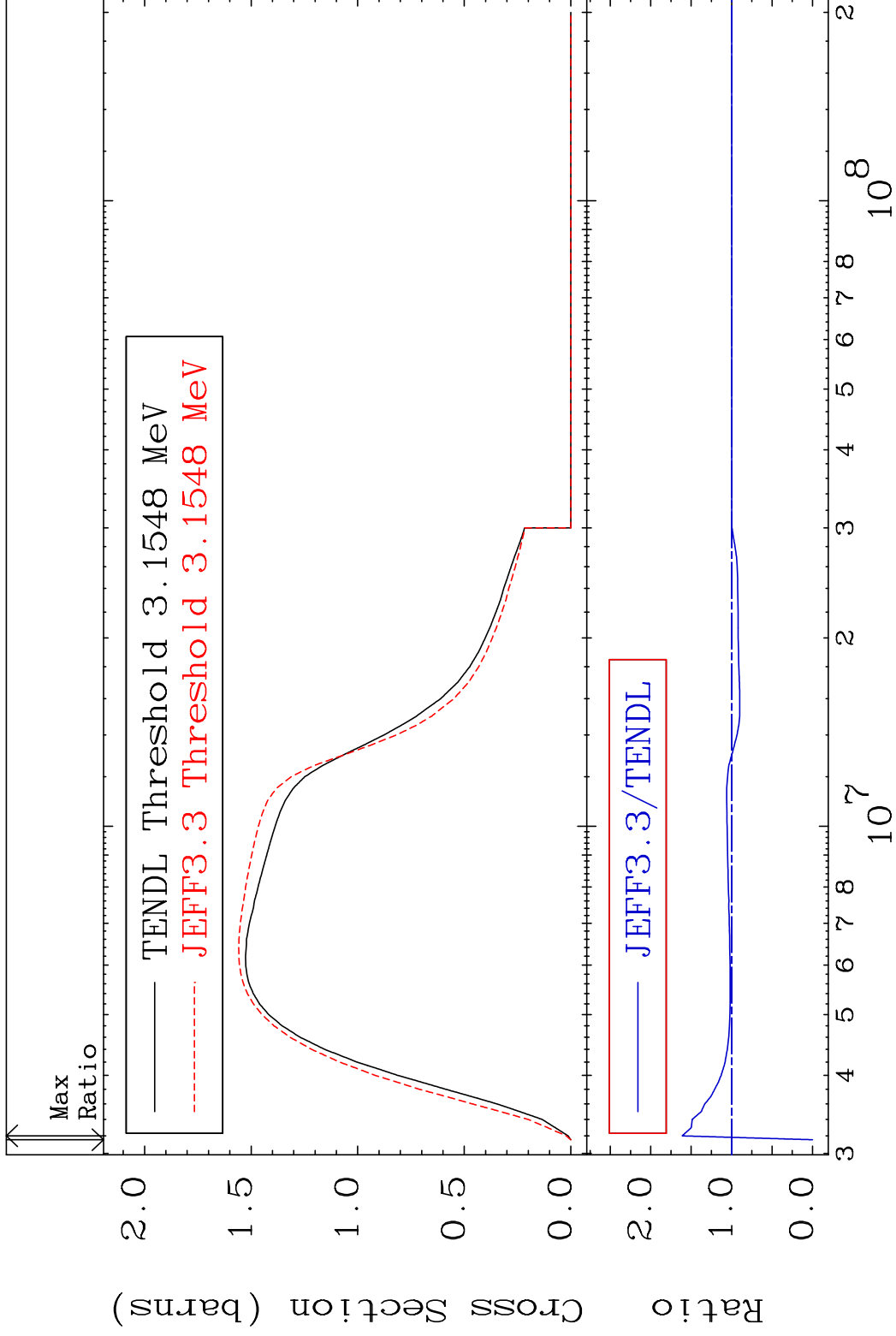


MAT 3425

(n,n') Continuum

³⁴Se-74

Cross Section -100.0 To 61.19 %



49

Incident Energy (eV)

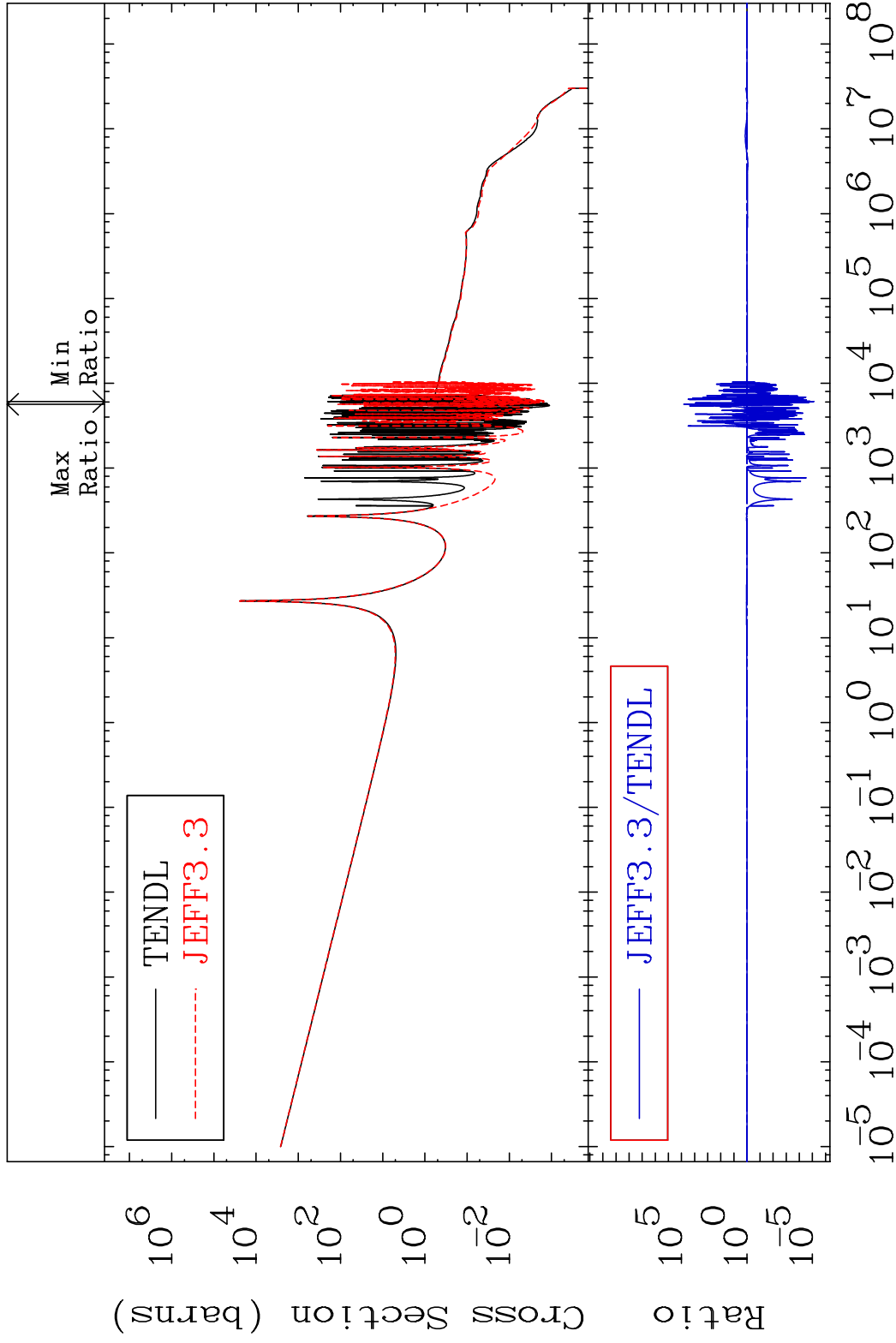
³⁴Se-74

MAT 3425

(n, γ)

34-Se-74

Cross Section -100.0 To 9999. %

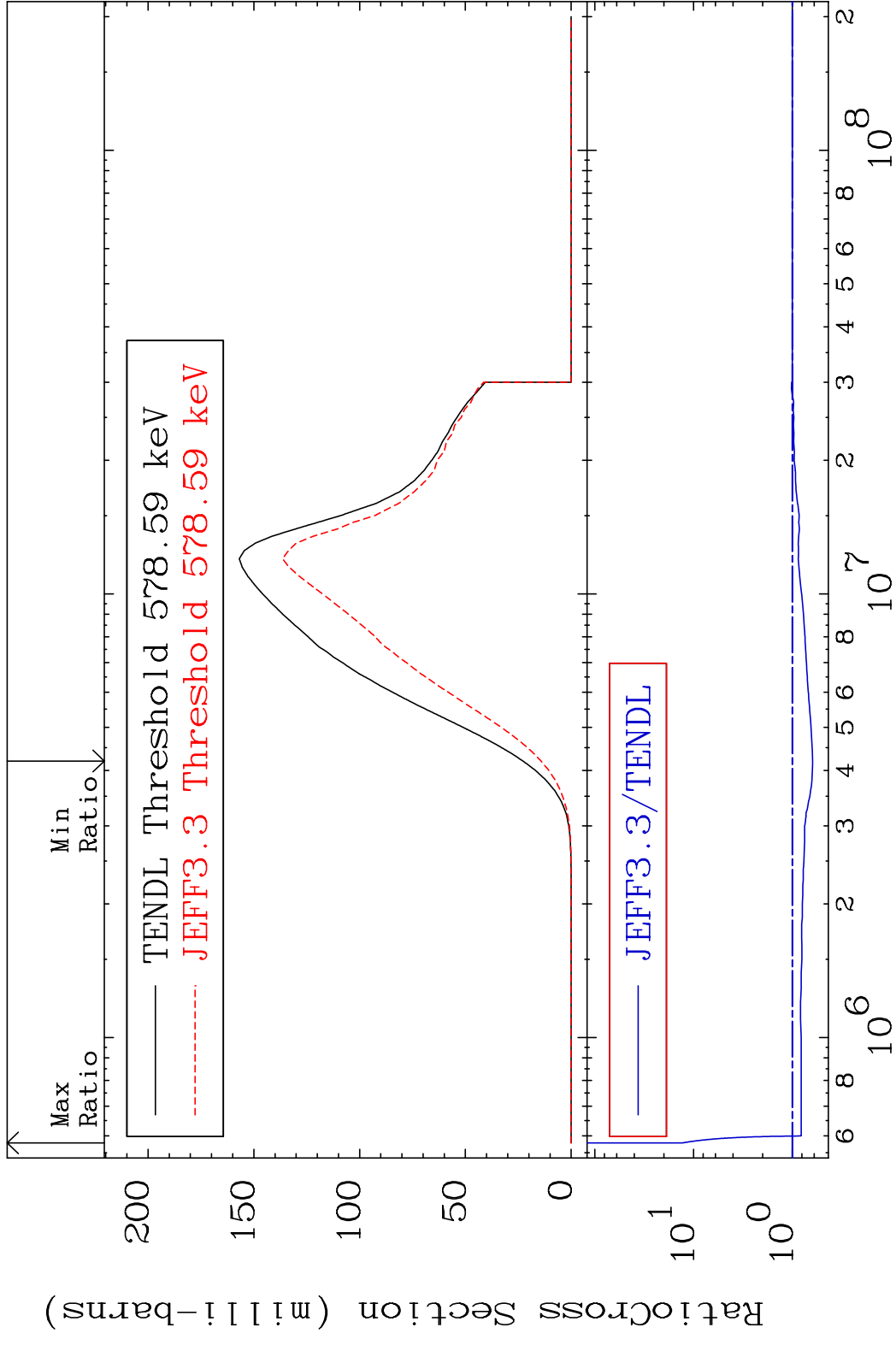


50

Incident Energy (eV)

34-Se-74

MAT 3425 (n,p) 34-Se-74
 Cross Section -37.59 To 1201. %

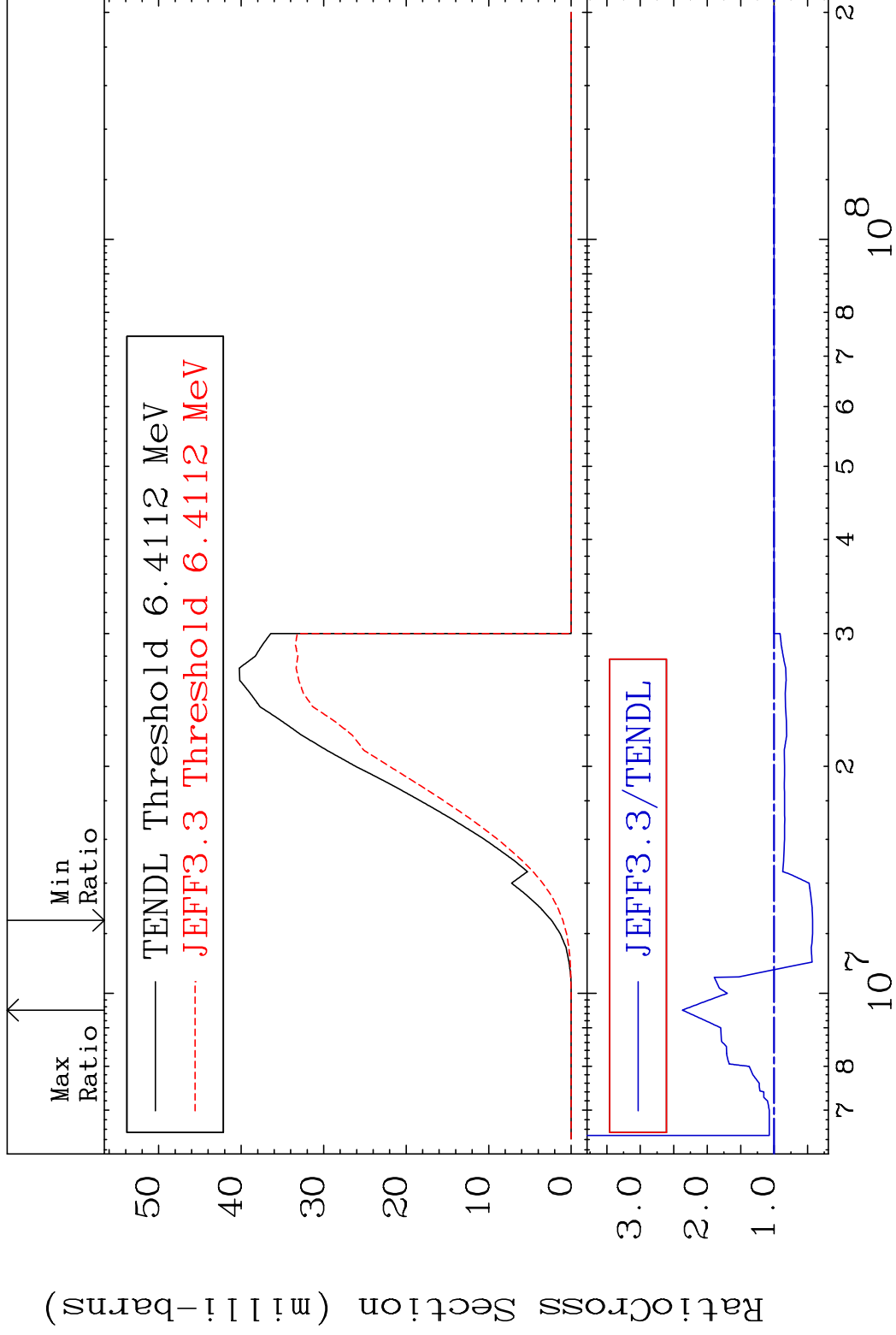


MAT 3425

(n, d)

³⁴Se-74

Cross Section -57.42 To 137.1 %



52

Incident Energy (eV)

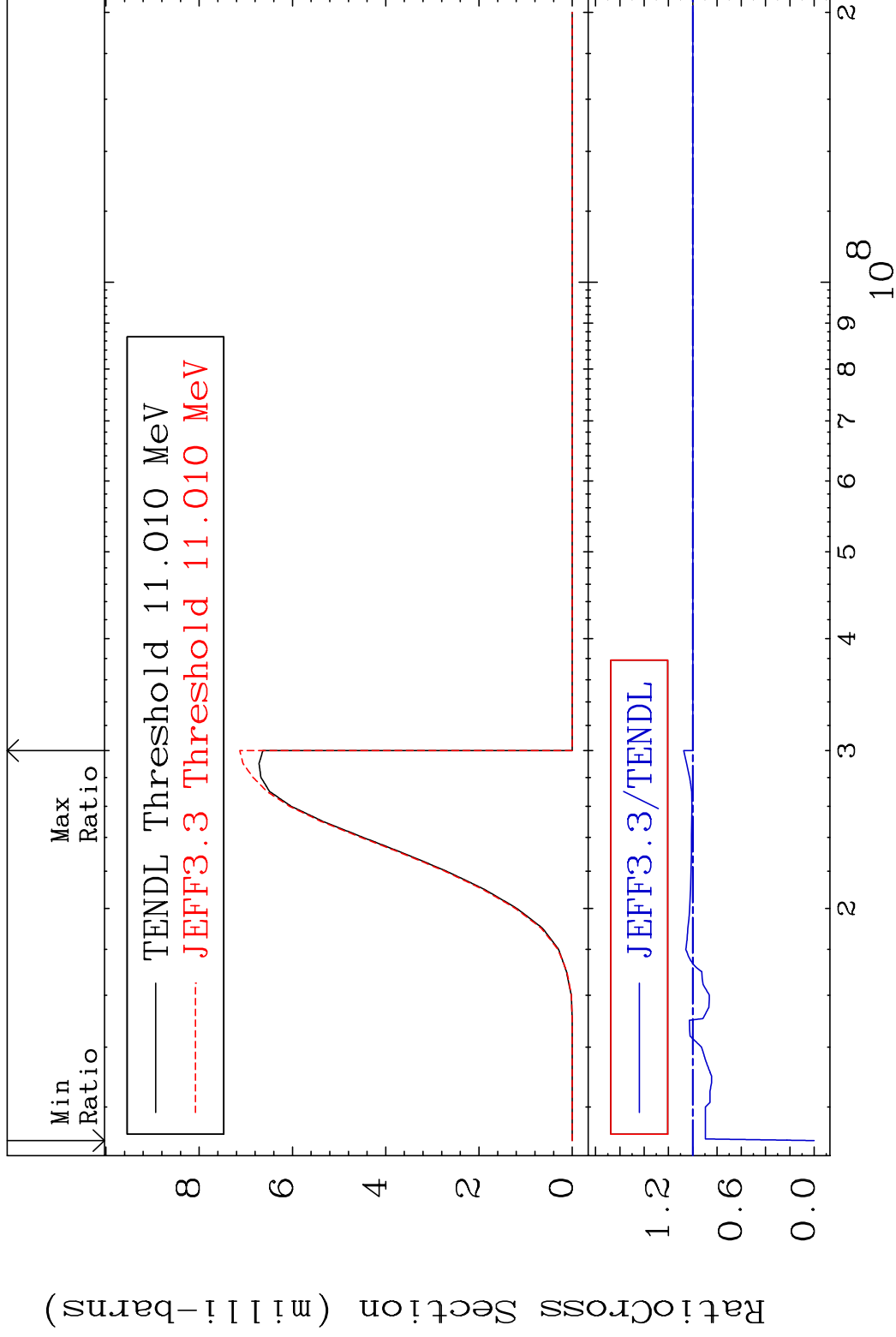
³⁴Se-74

MAT 3425

(n, t)

34-Se-74

Cross Section -100.0 To 7.465 %



53

Incident Energy (eV)

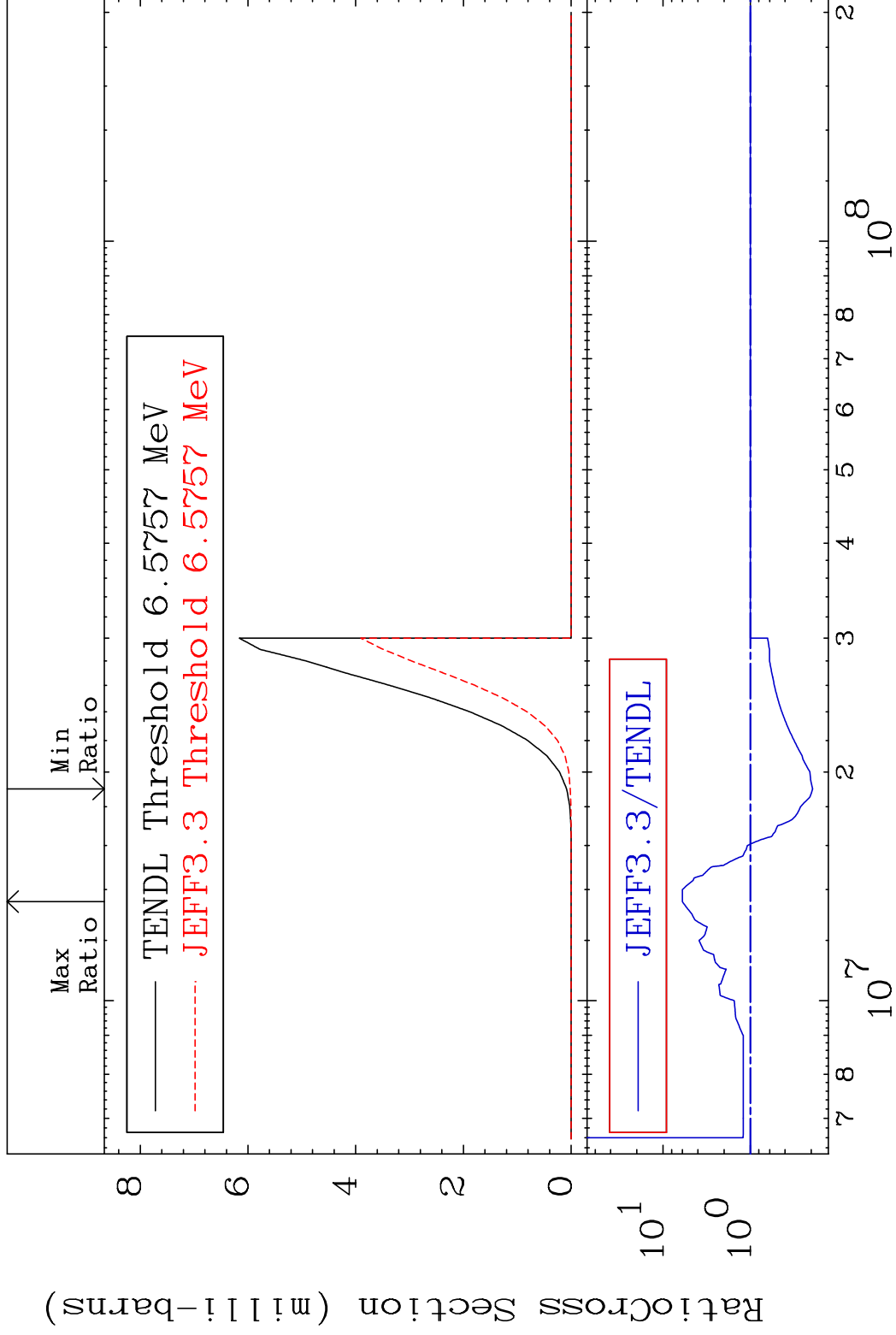
34-Se-74

MAT 3425

(n, He-3)

³⁴Se-74

Cross Section -80.66 To 501.7 %



54

Incident Energy (eV)

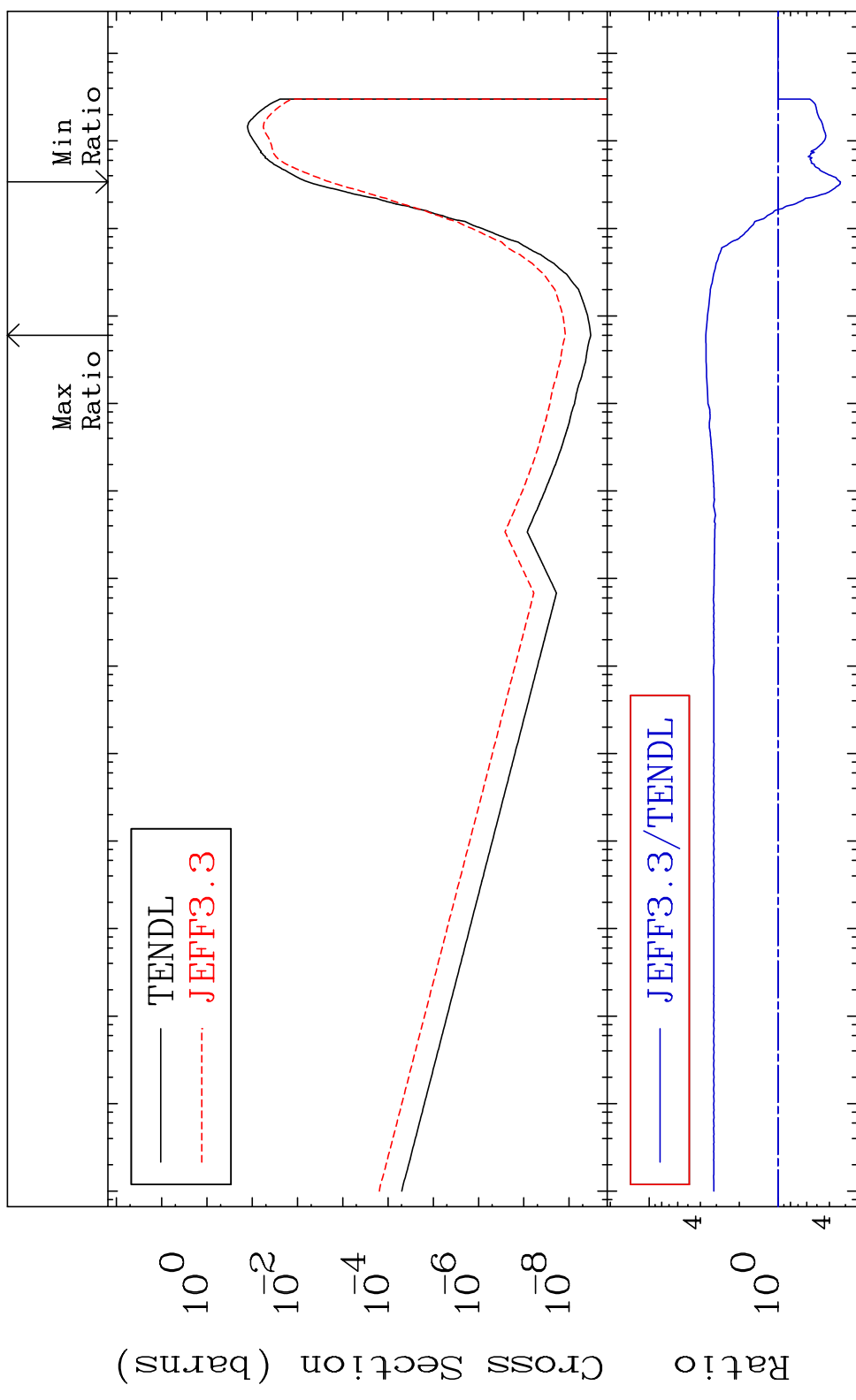
³⁴Se-74

MAT 3425

(n, α)

34-Se-74

Cross Section -67.18 To 263.5 %

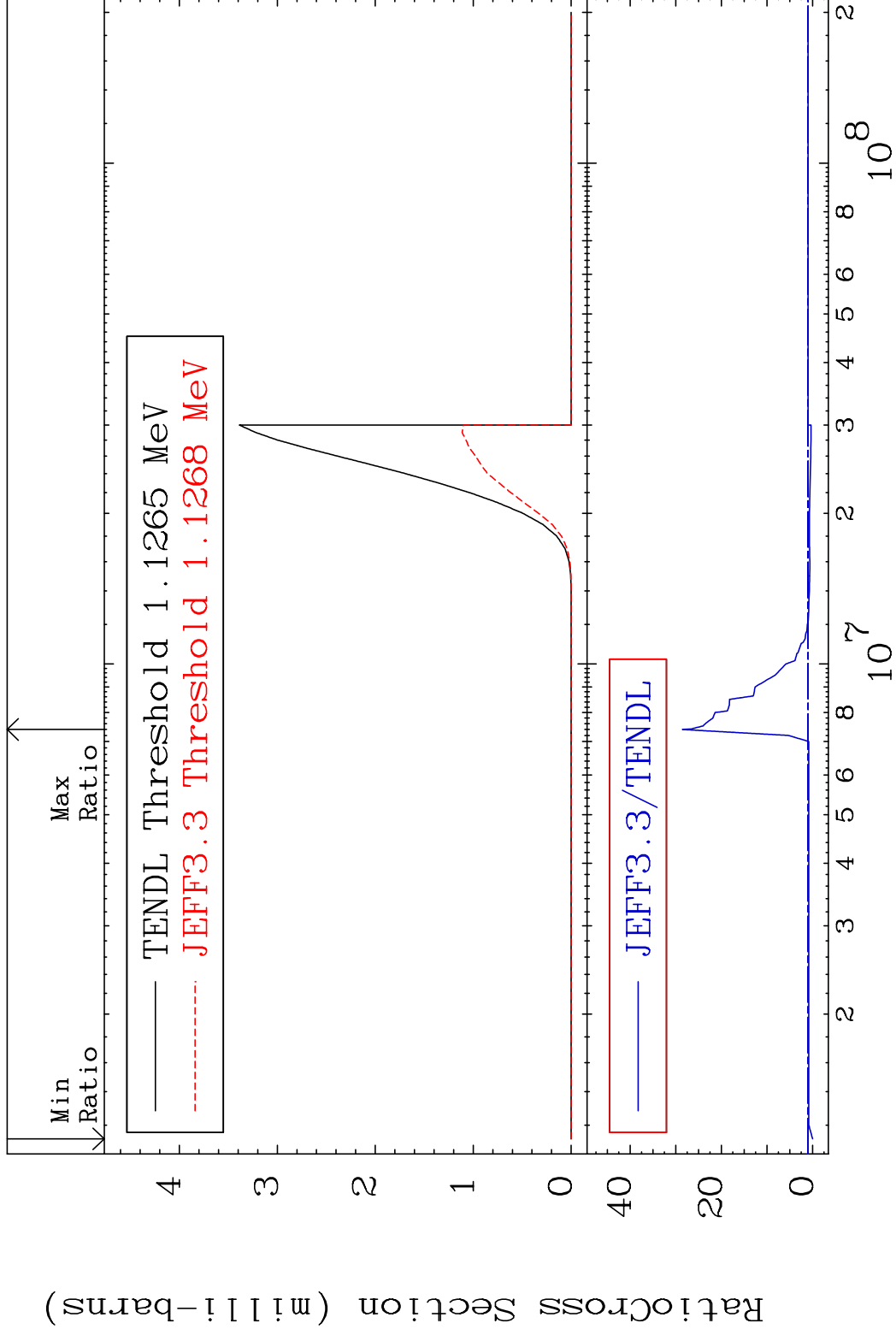


MAT 3425

(n,2α)

34-Se-74

Cross Section -100.0 To 2756. %

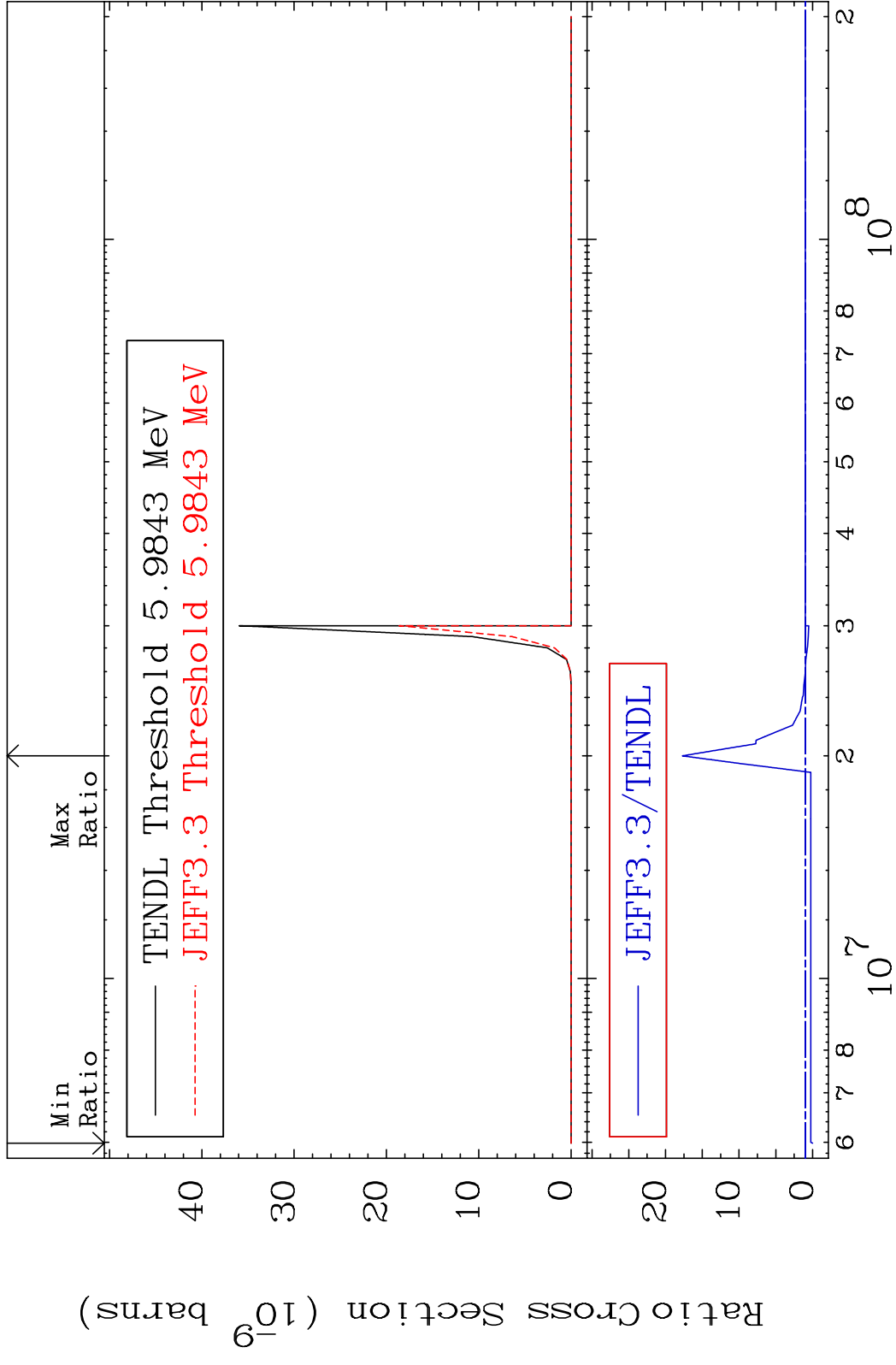


MAT 3425

(n,3α)

34-Se-74

Cross Section -100.0 To 1671. %

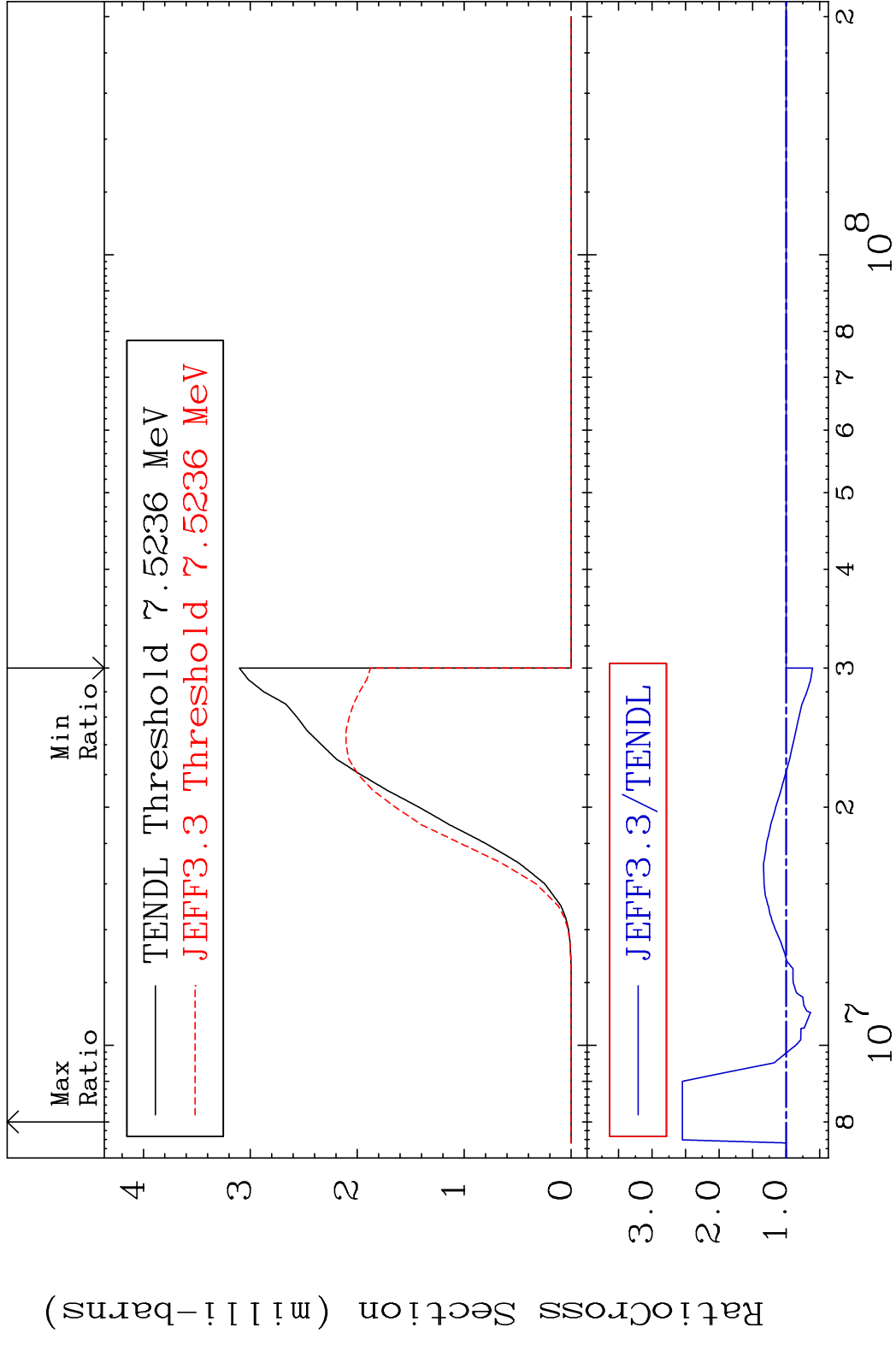


MAT 3425

(n,2p)

³⁴Se-74

Cross Section -39.52 To 154.8 %



58

Incident Energy (eV)

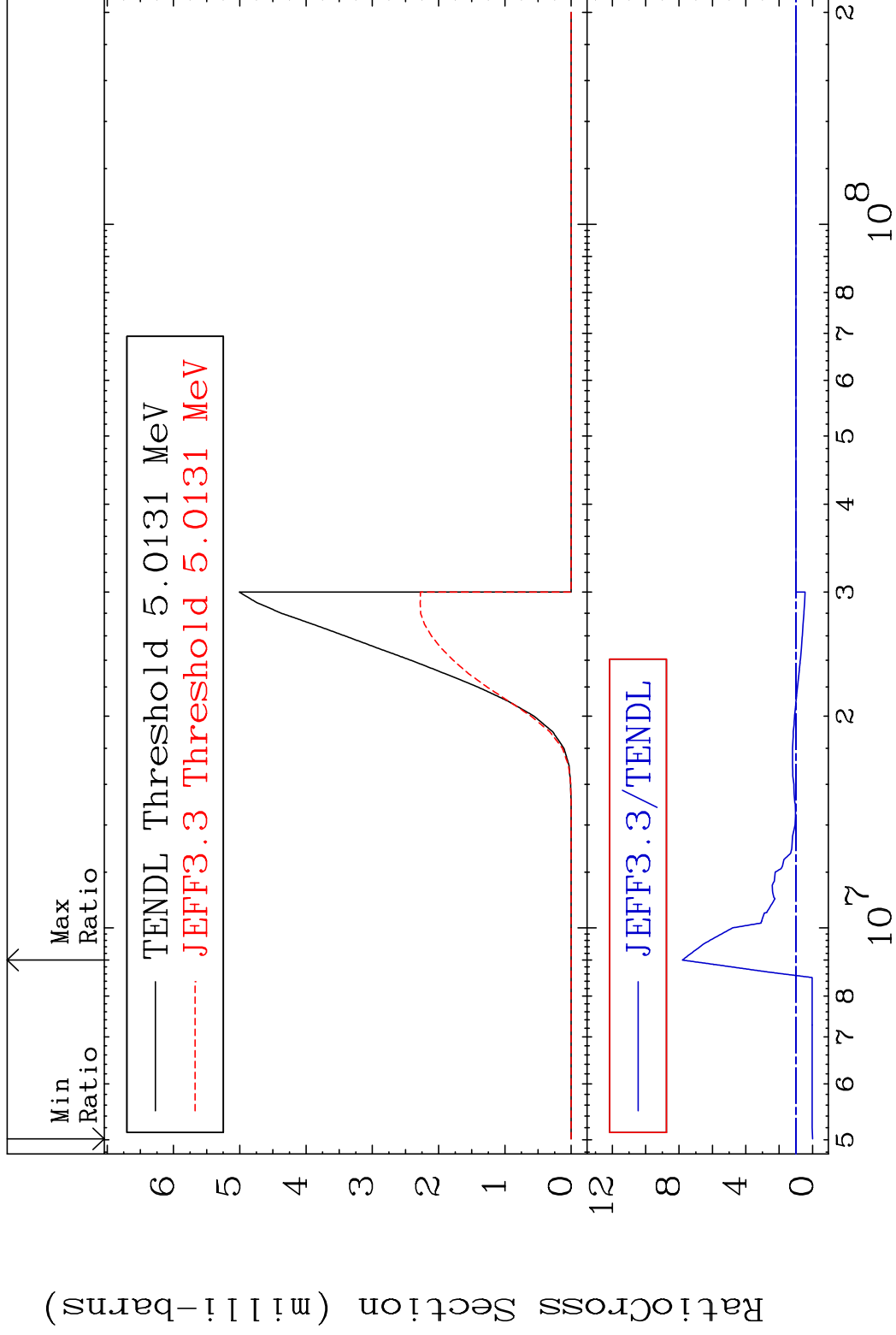
³⁴Se-74

MAT 3425

(n,p) α

³⁴Se-74

Cross Section -100.0 To 680.2 %



59

Incident Energy (eV)

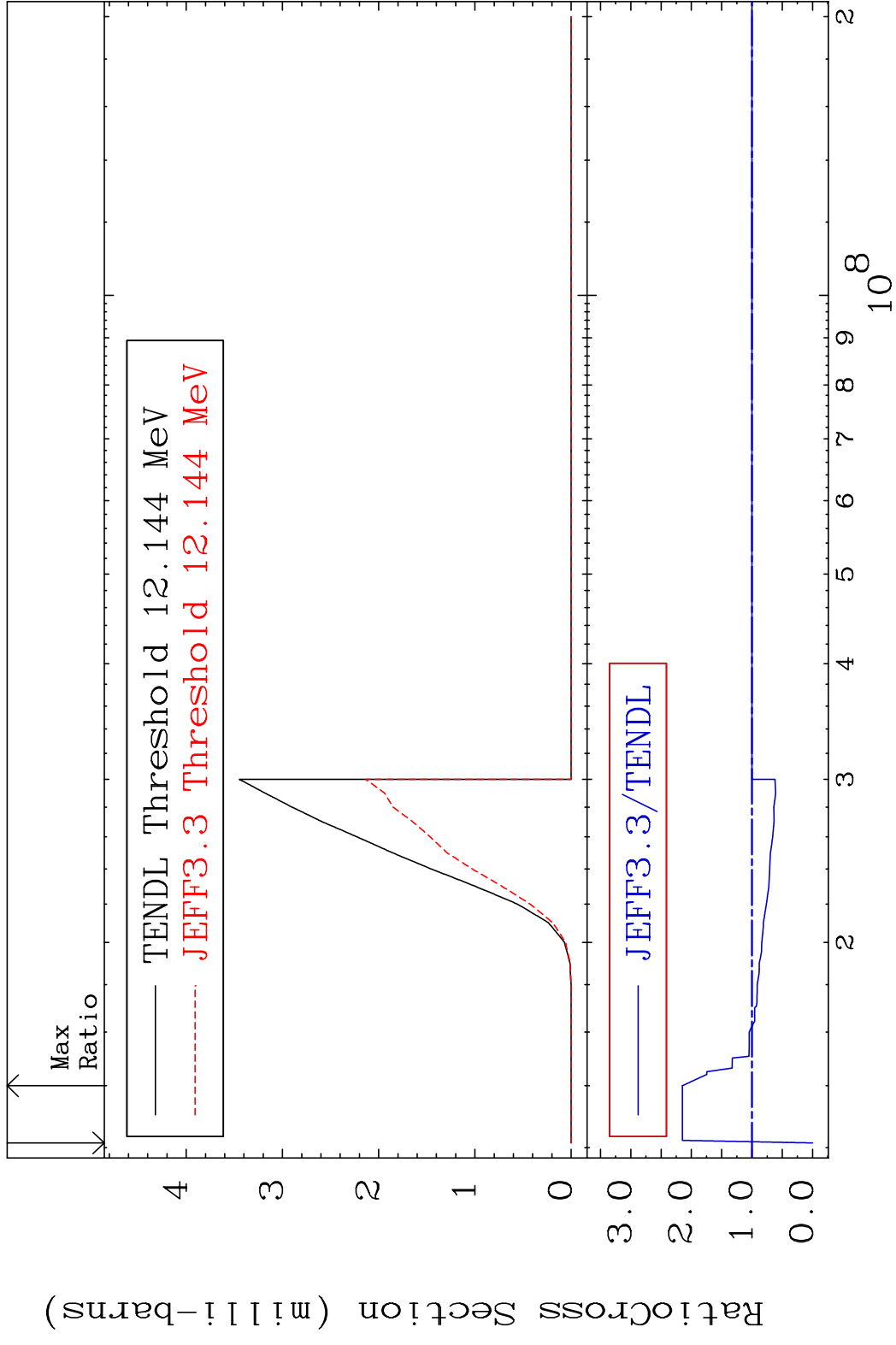
³⁴Se-74

MAT 3425

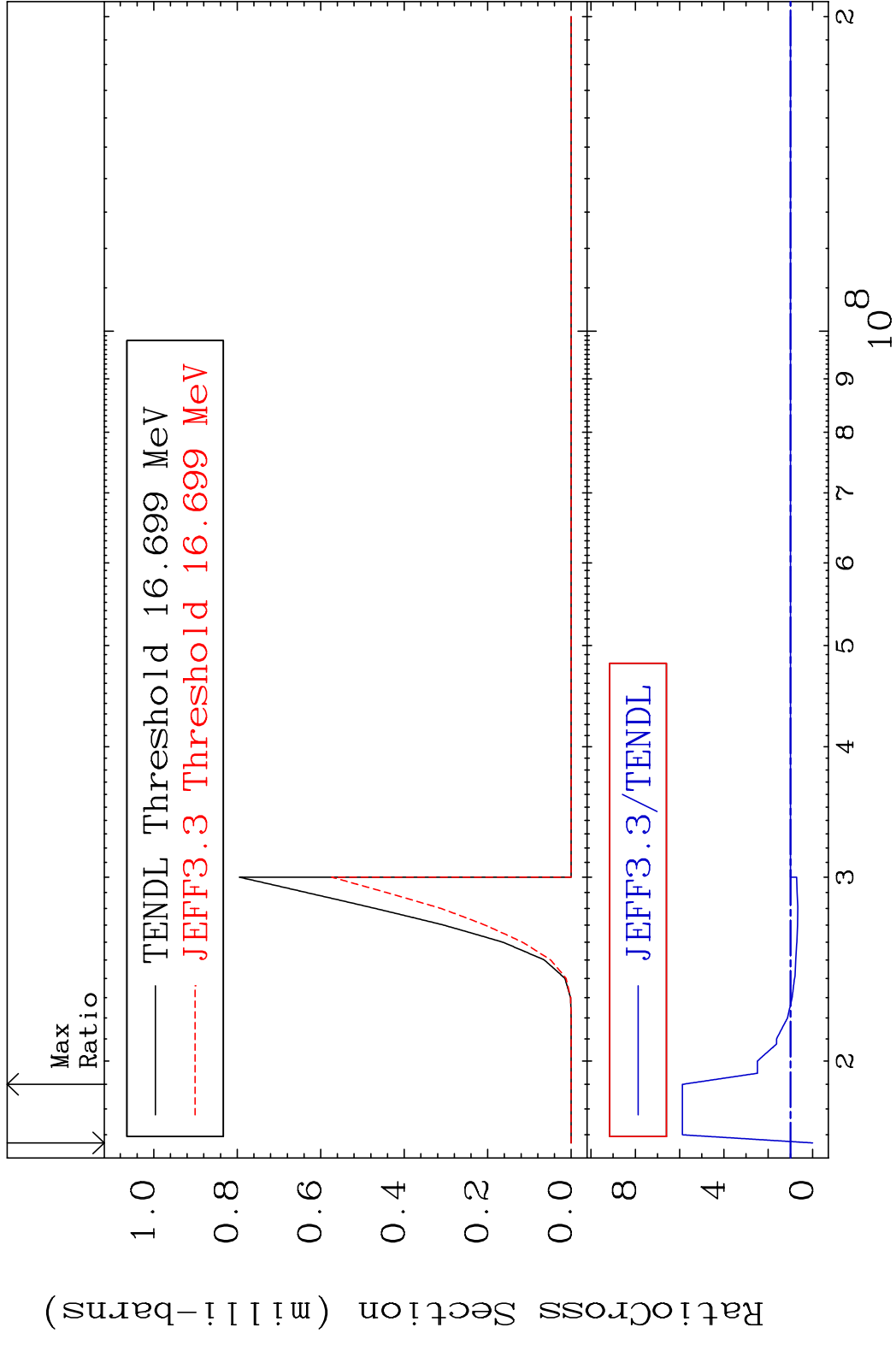
(n,p) d

³⁴Se-74

Cross Section -100.0 To 114.9 %



MAT 3425 (n,p) t 34-Se-74
 Cross Section -100.0 To 487.7 %

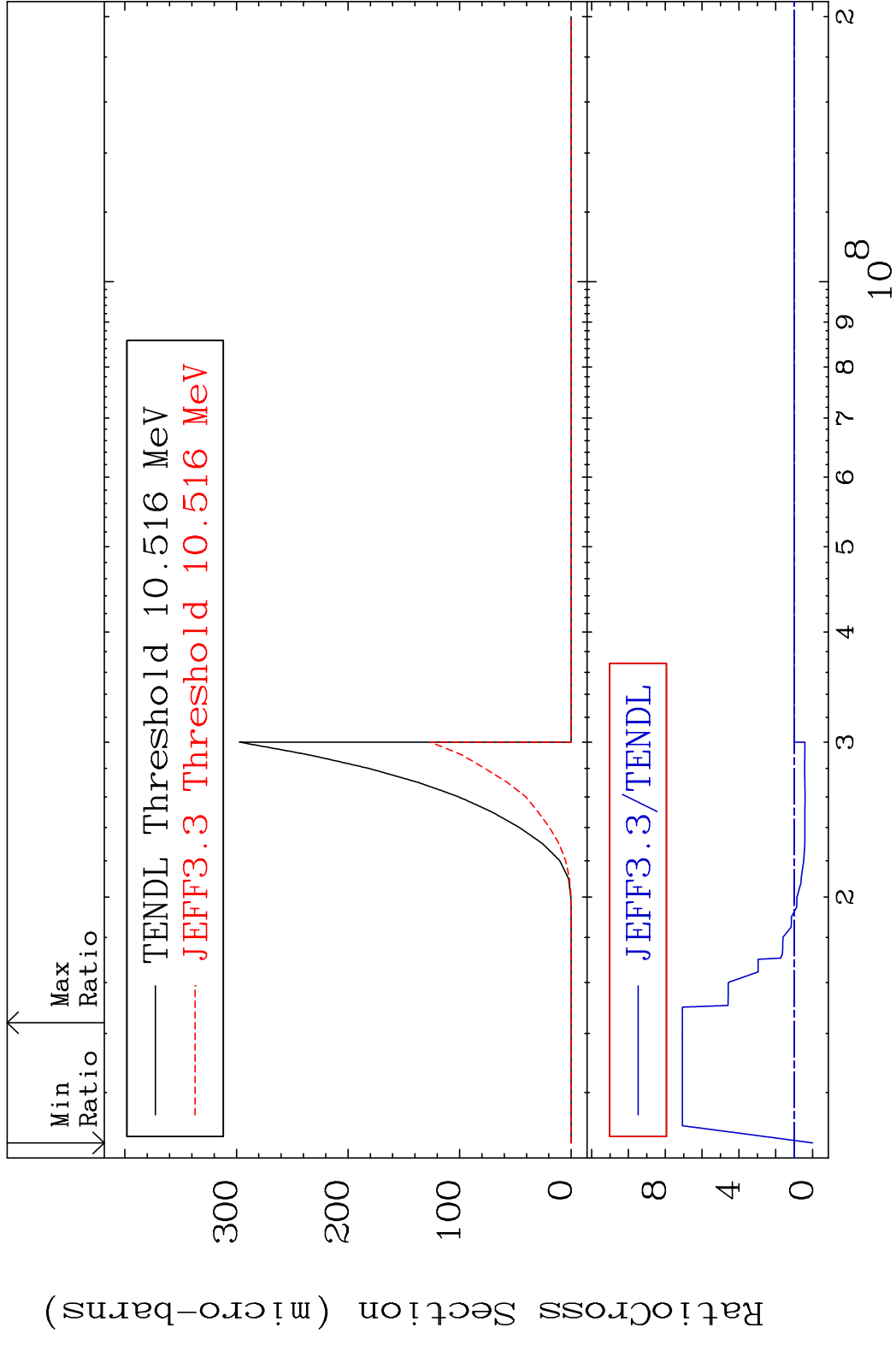


MAT 3425

(n,d) α

³⁴Se-74

Cross Section -100.0 To 607.2 %

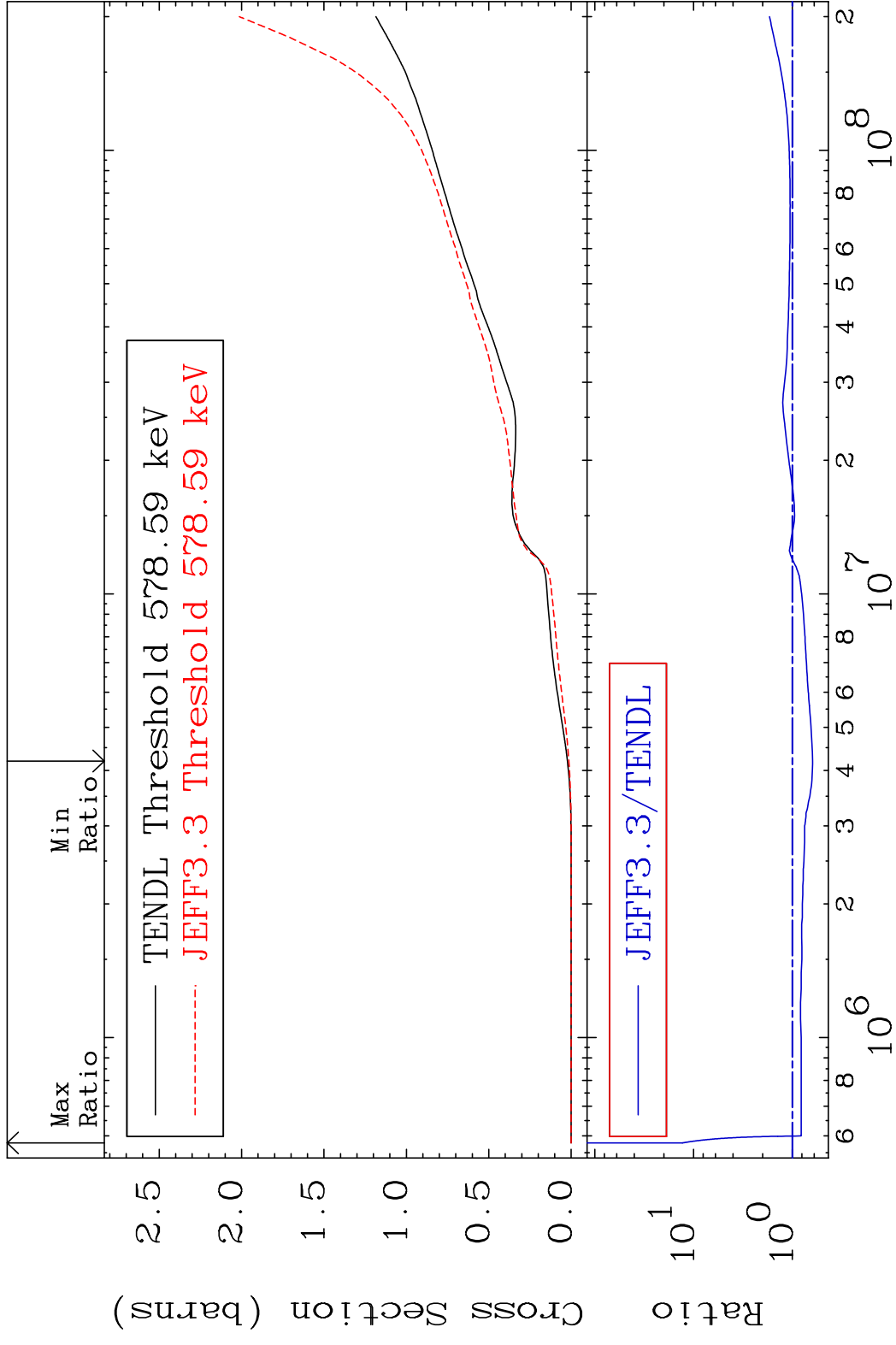


MAT 3425

Hydrogen Production

³⁴Se-74

Cross Section -37.59 To 1201. %

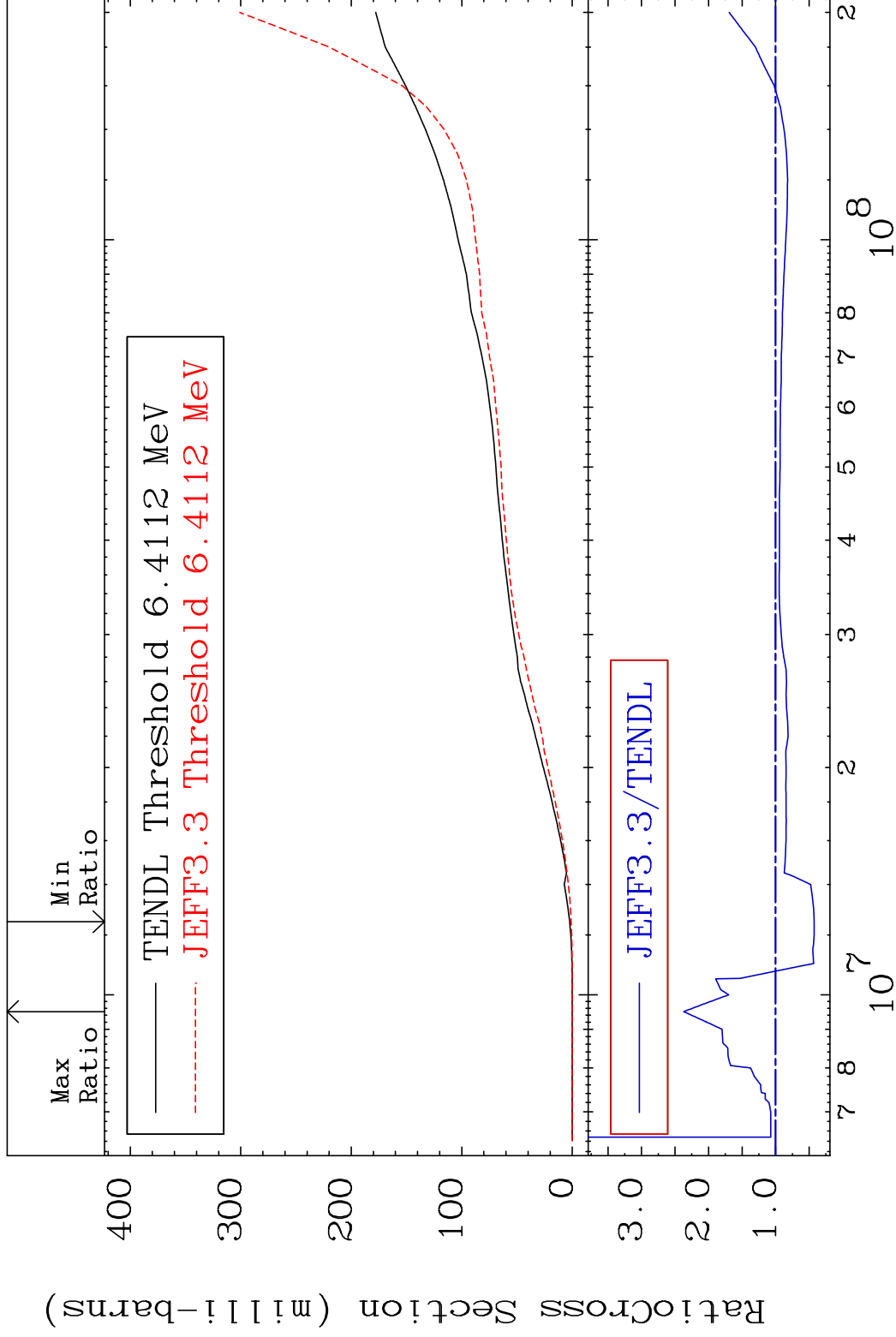


MAT 3425

Deuterium Production

³⁴Se-74

Cross Section -57.42 To 137.1 %

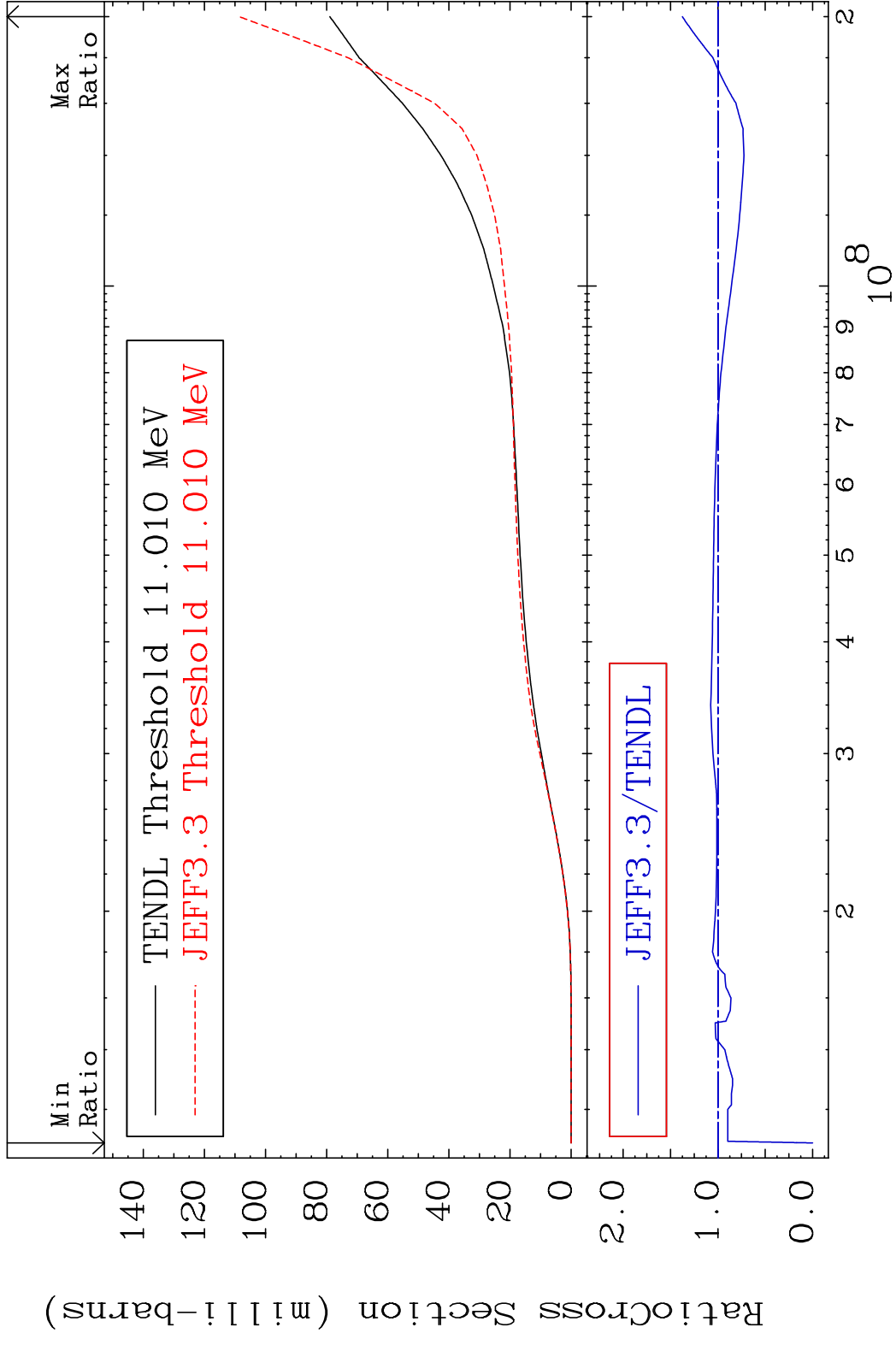


64

Incident Energy (eV)

³⁴Se-74

MAT 3425 Tritium Production 34-Se-74
 Cross Section -100.0 To 37.52 %

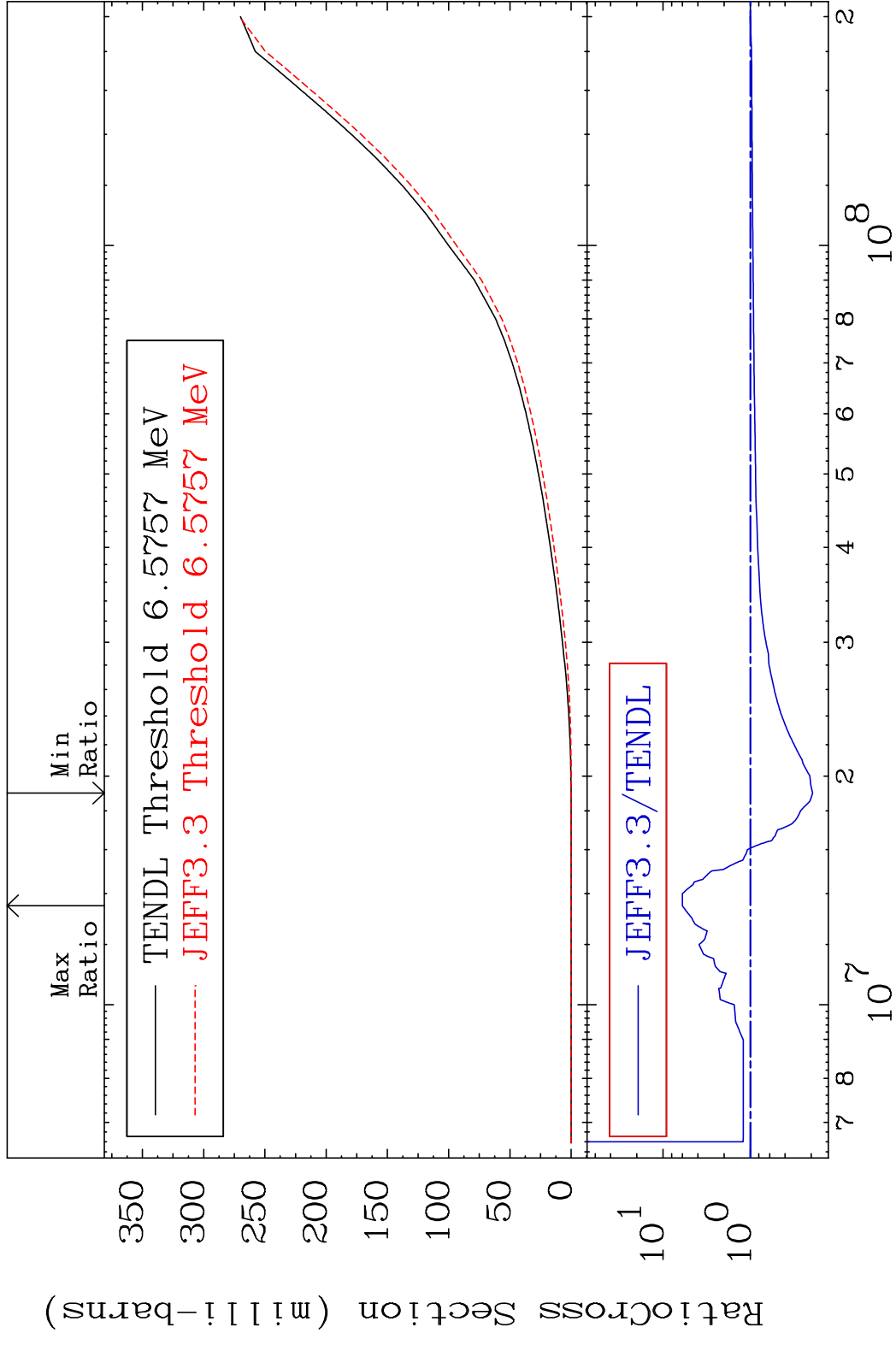


MAT 3425

He-3 Production

³⁴Se-74

Cross Section -80.66 To 501.7 %

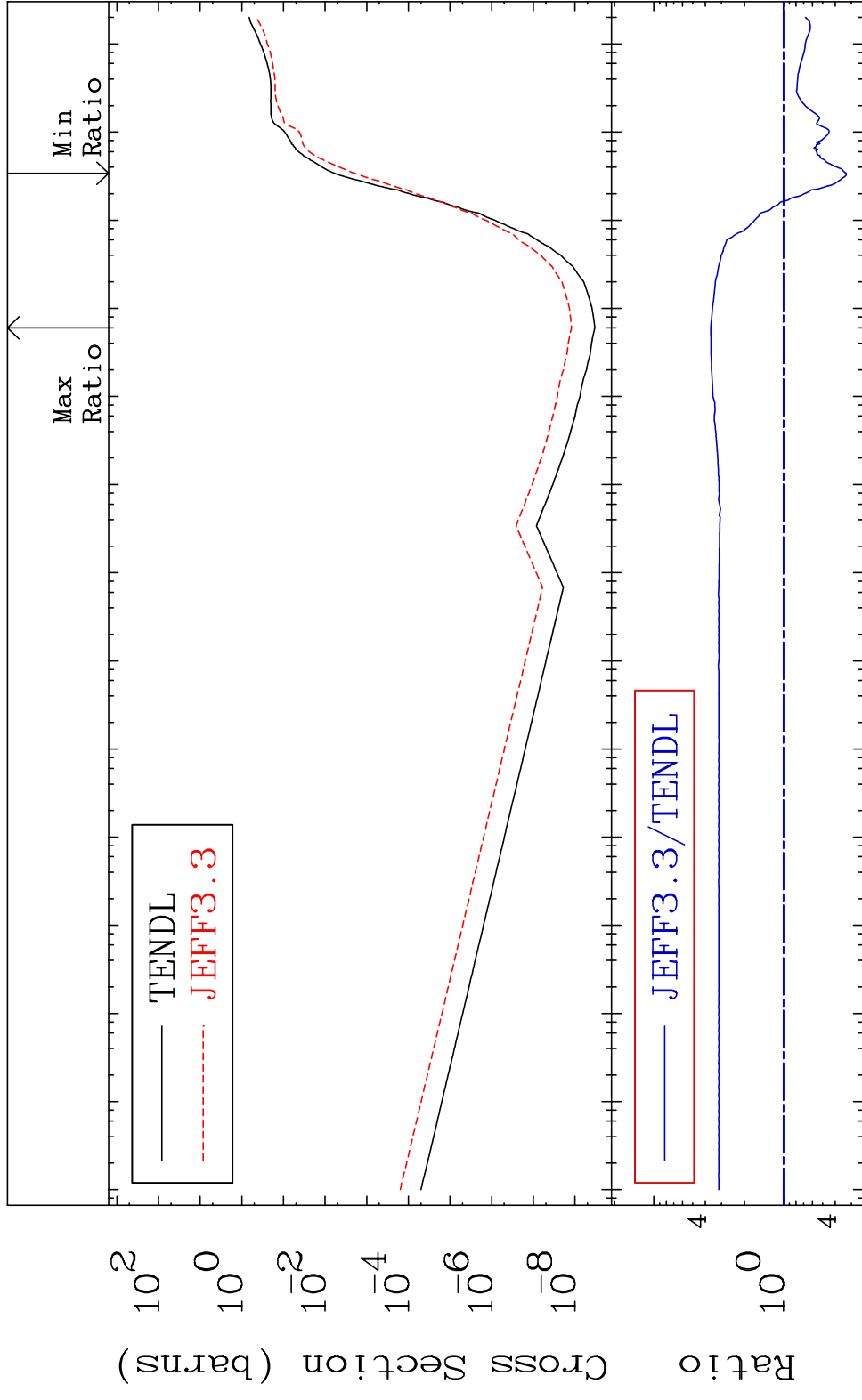


MAT 3425

He-4 Production

34-Se-74

Cross Section -67.18 To 263.5 %

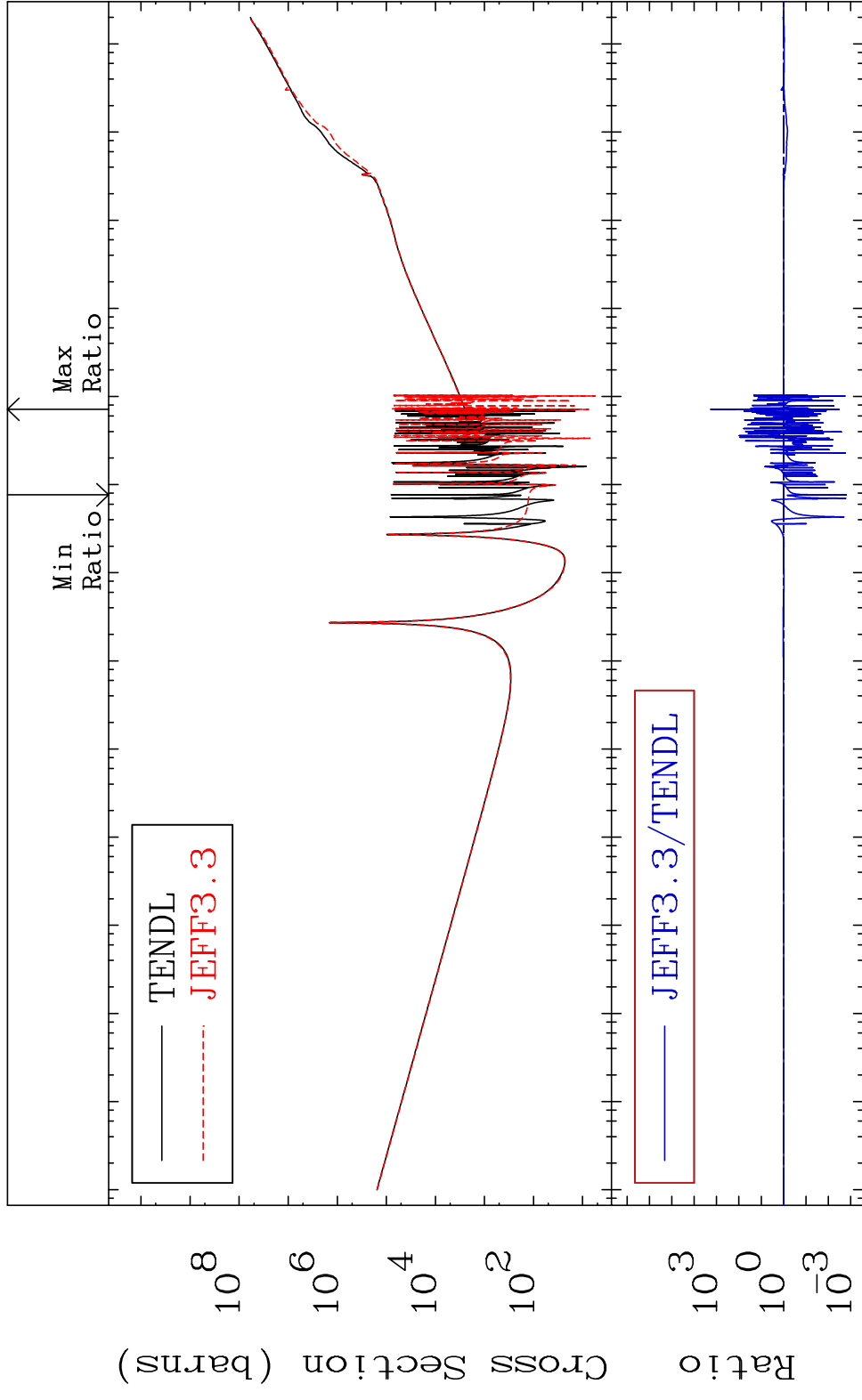


67

Incident Energy (eV)

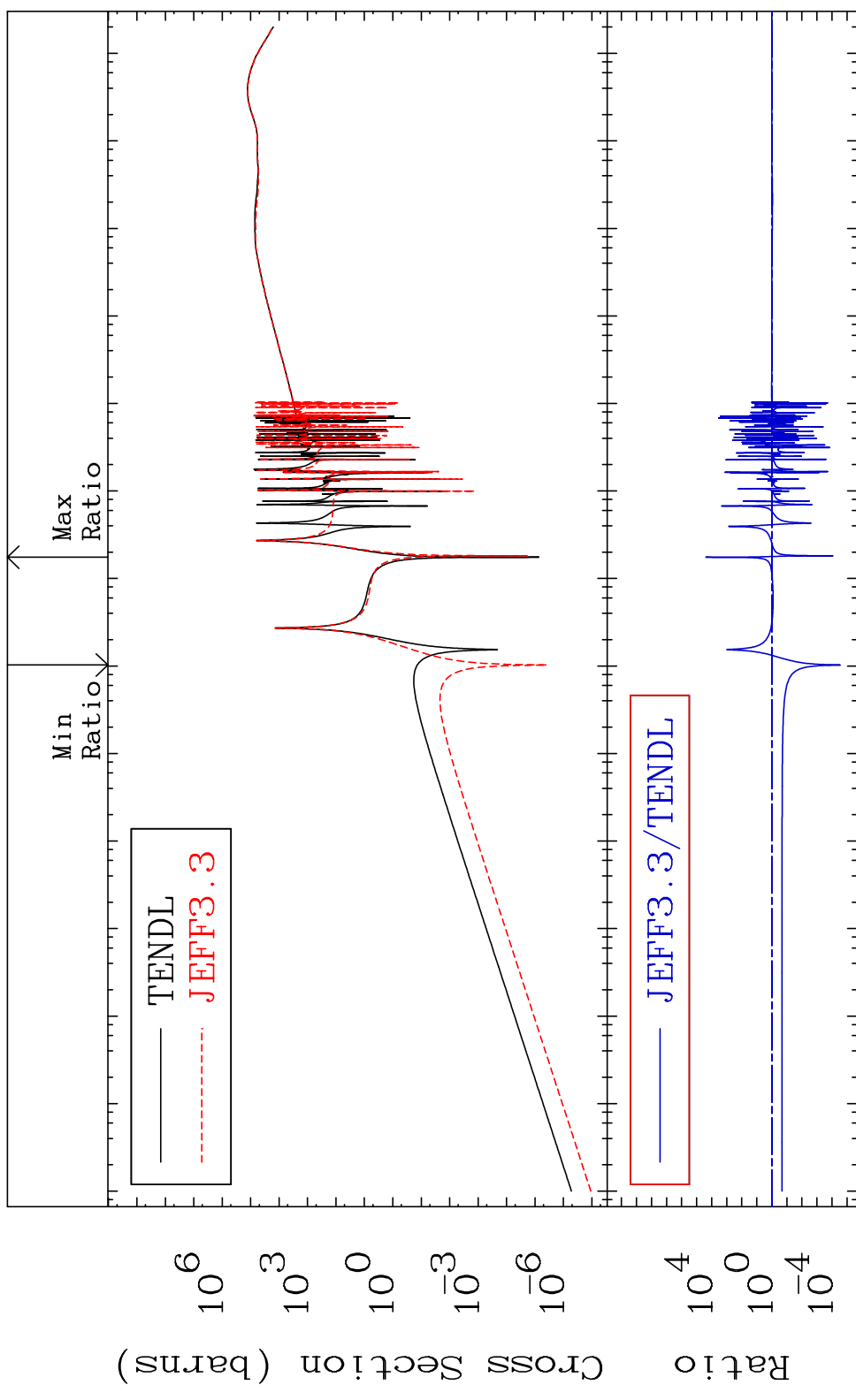
34-Se-74

MAT 3425 Kerma total (eV-barns) 34-Se-74
 Cross Section -99.84 To 9999. %



MAT 3425

Kerma elastic Cross Section -100.0 To 9999. %
34-Se-74

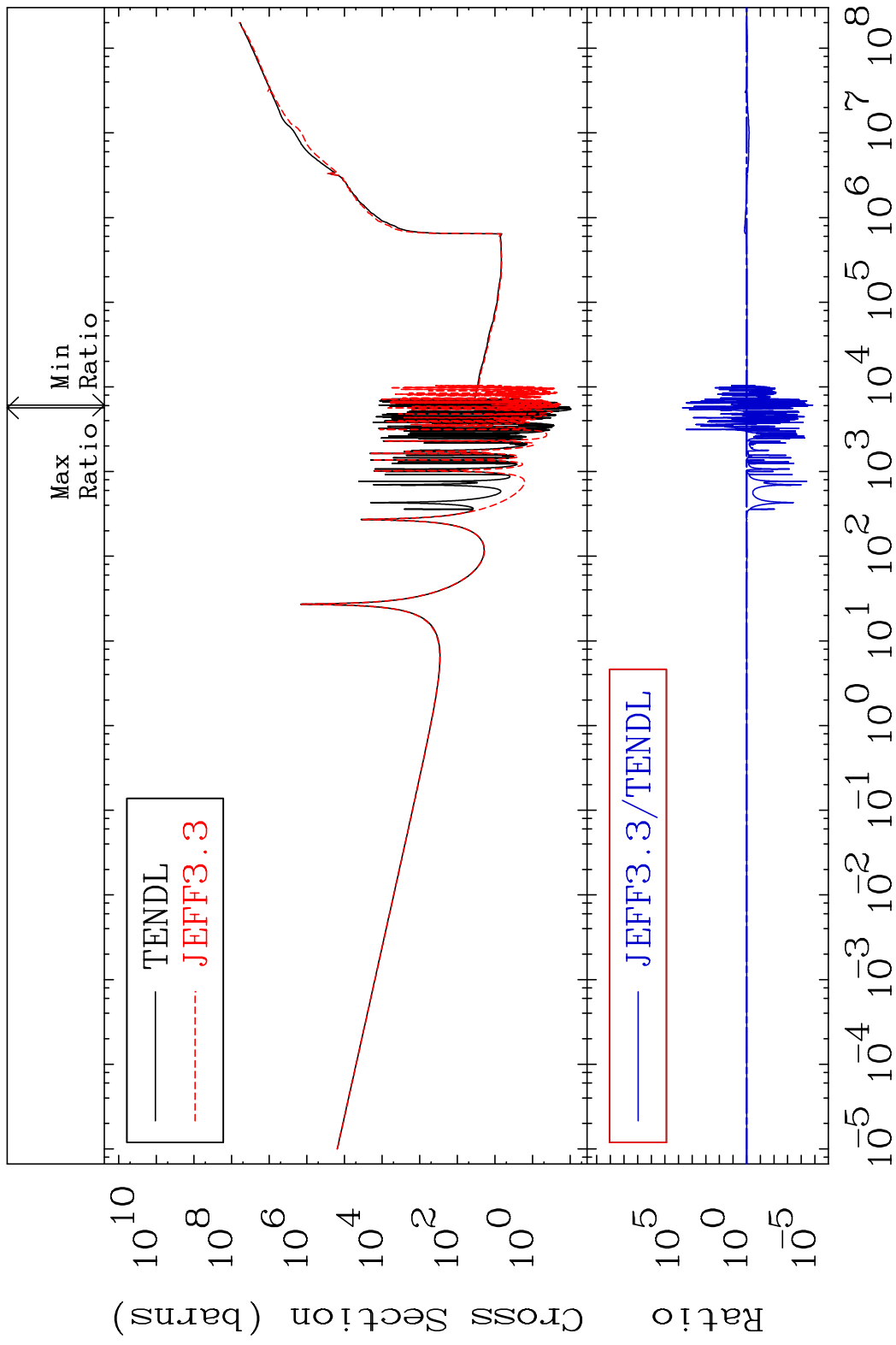


69

Incident Energy (eV)

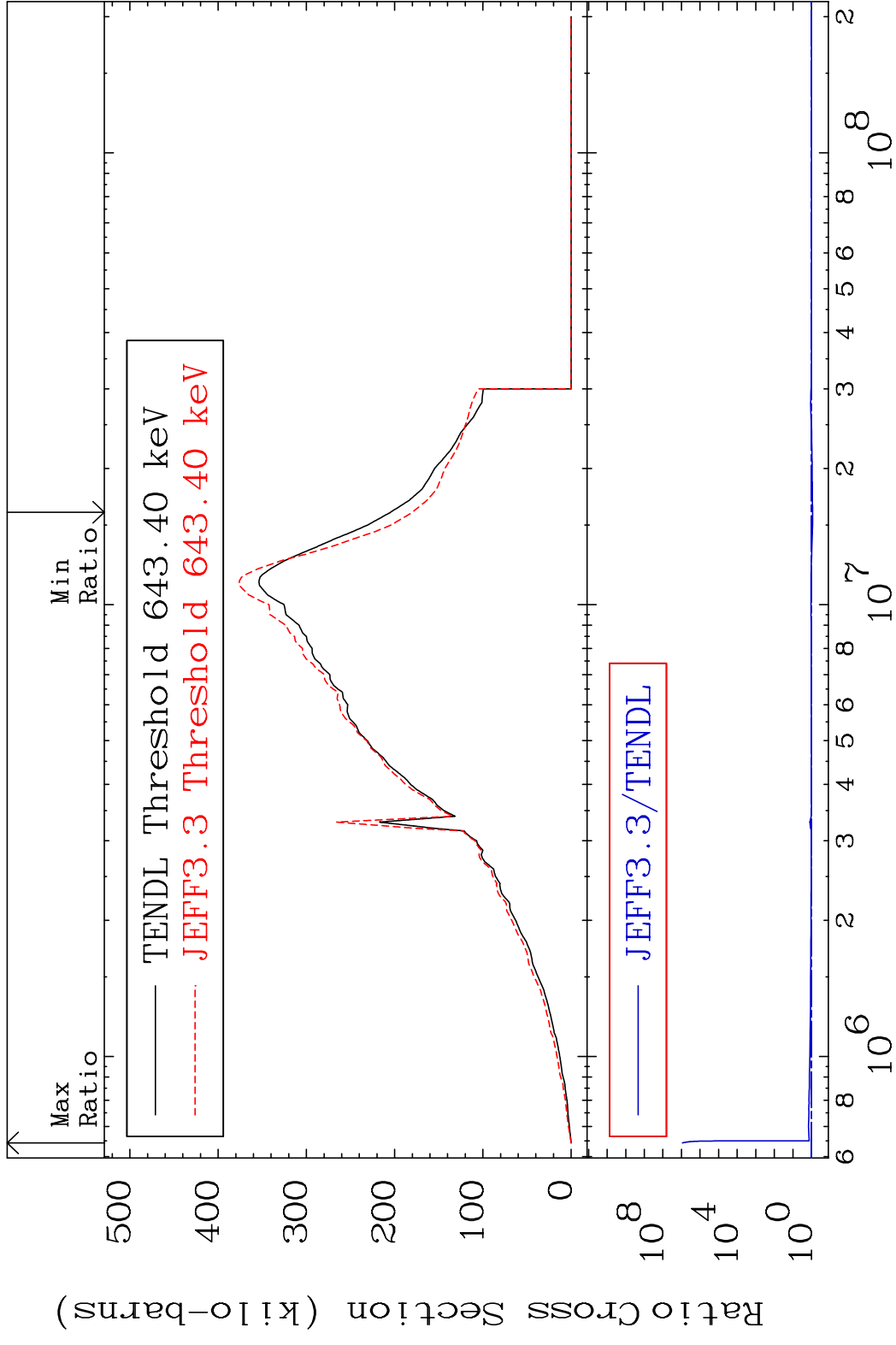
34-Se-74

MAT 3425 Kerma non-elastic (all but mt2) 34-Se-74
 Cross Section -100.0 To 9999. %

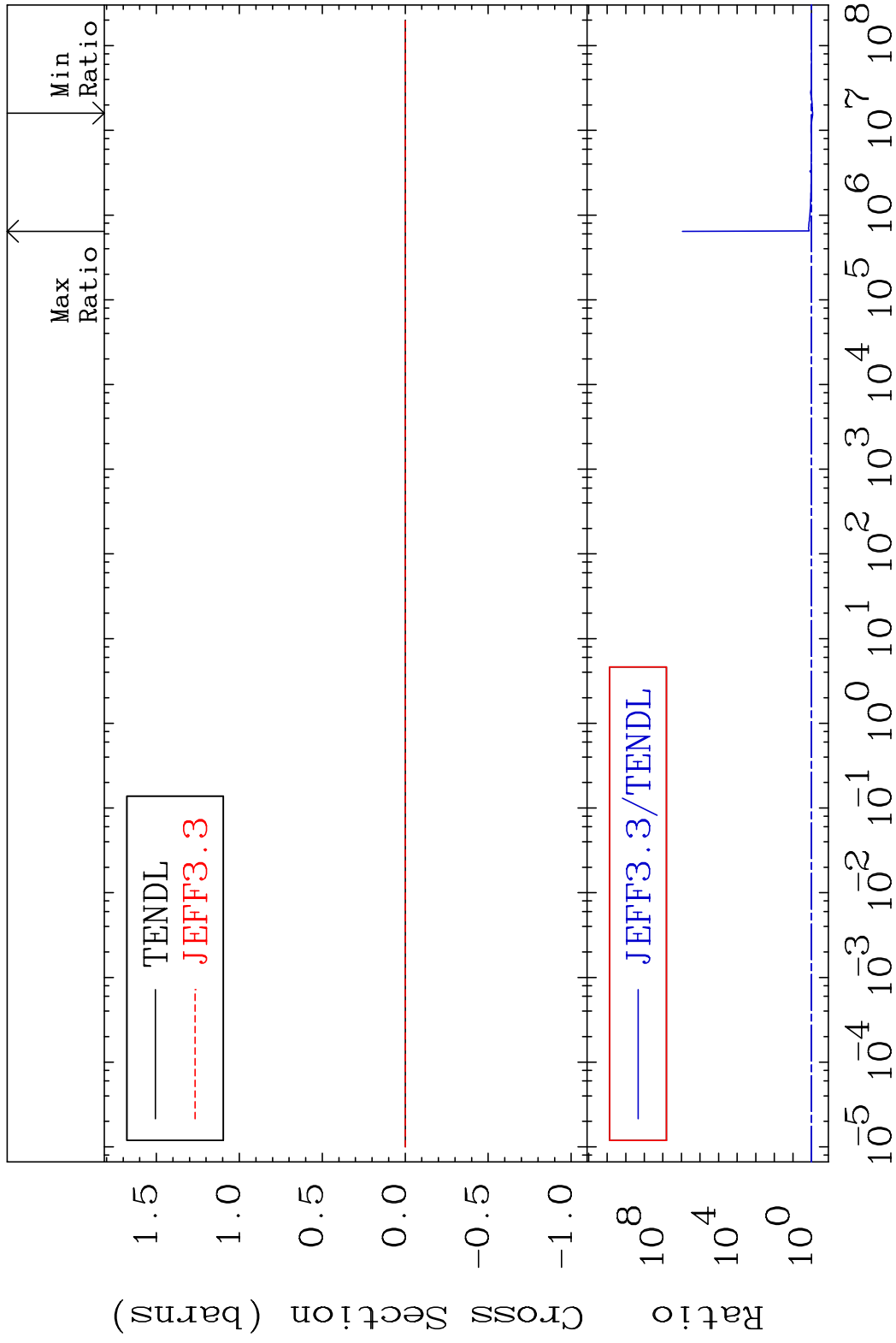


70 Incident Energy (eV) 34-Se-74

MAT 3425 Kerma inelastic (mt51-91) 34-Se-74
 Cross Section -12.12 To 9999. %

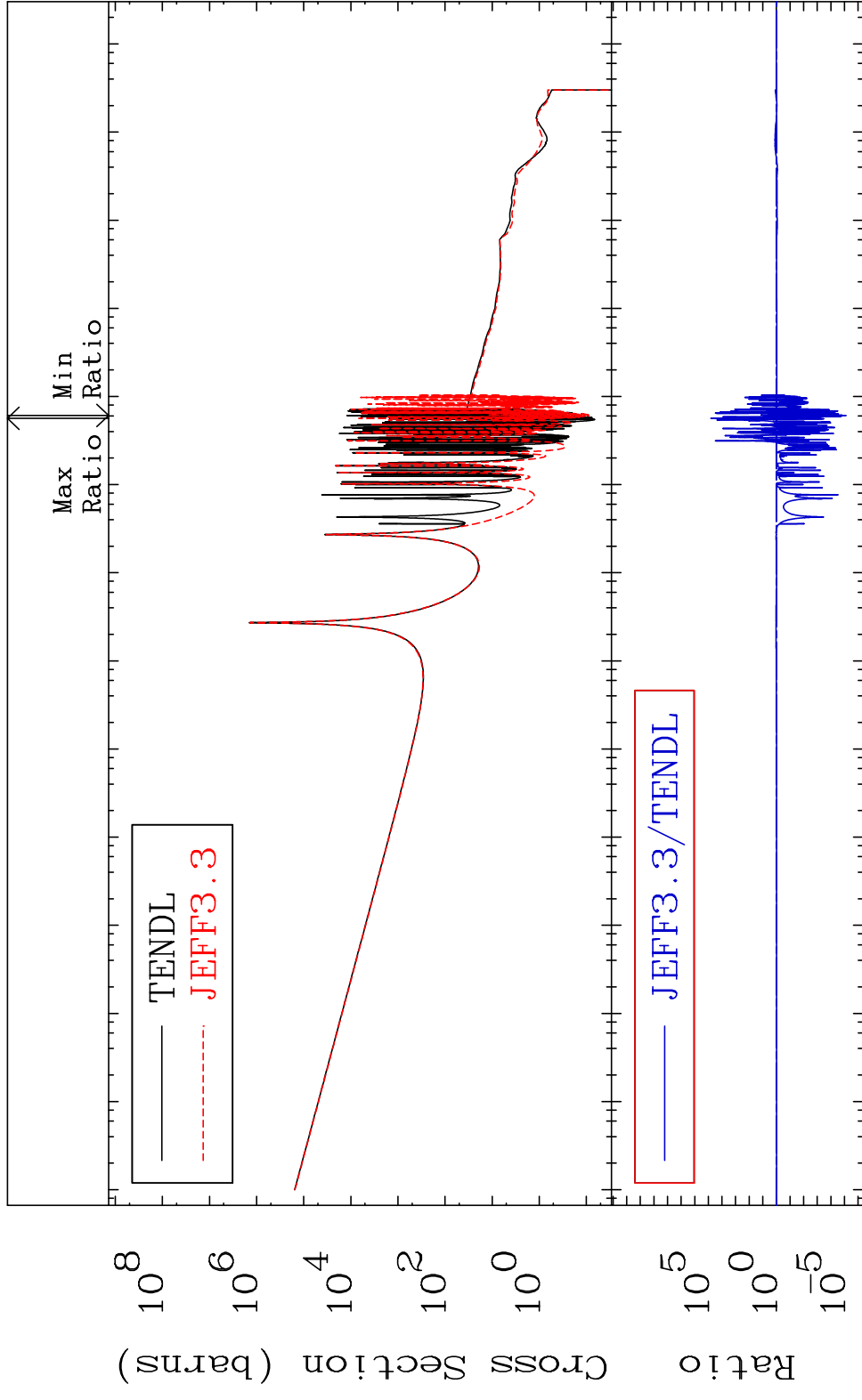


MAT 3425 Kerma fission (mt18 or mt19-20-21-38) 34-Se-74
 Cross Section -12.12 To 9999. %



MAT 3425

Kerma capture (mt102) 34-Se-74
Cross Section -100.0 To 9999. %



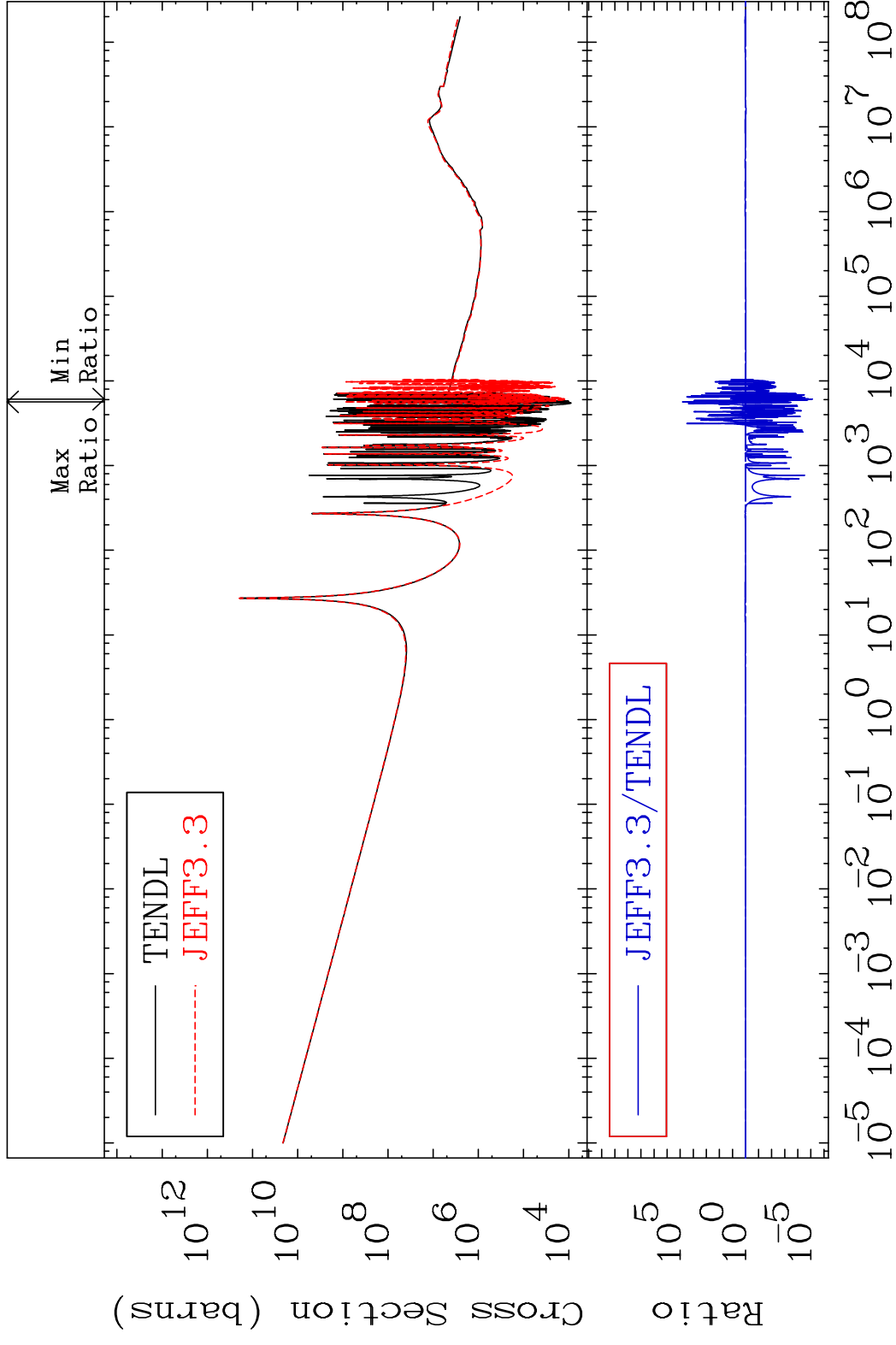
73

Incident Energy (eV)

34-Se-74

MAT 3425

Total photon (eV-barns) 34-Se-74
Cross Section -100.0 To 9999. %

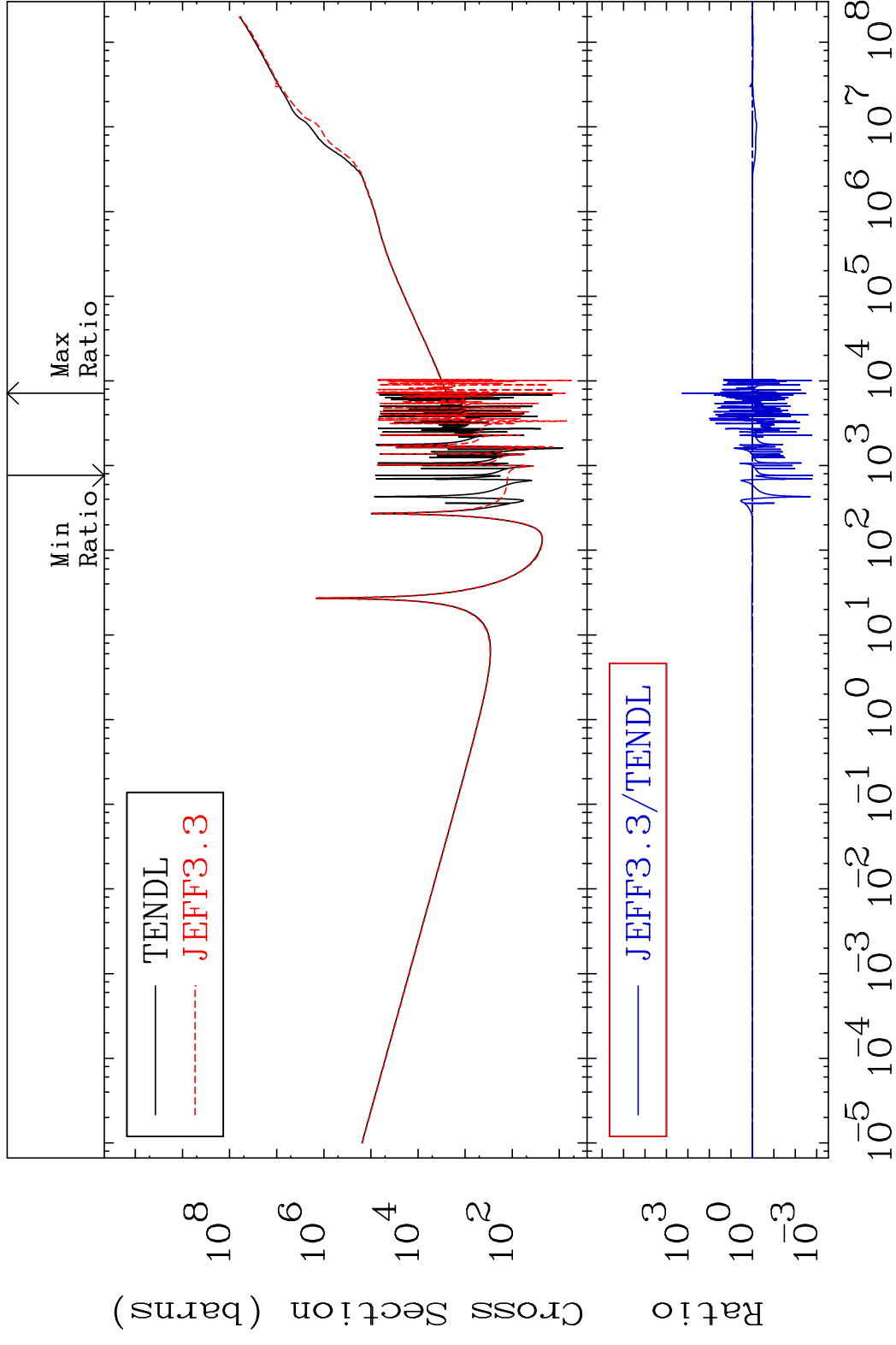


74

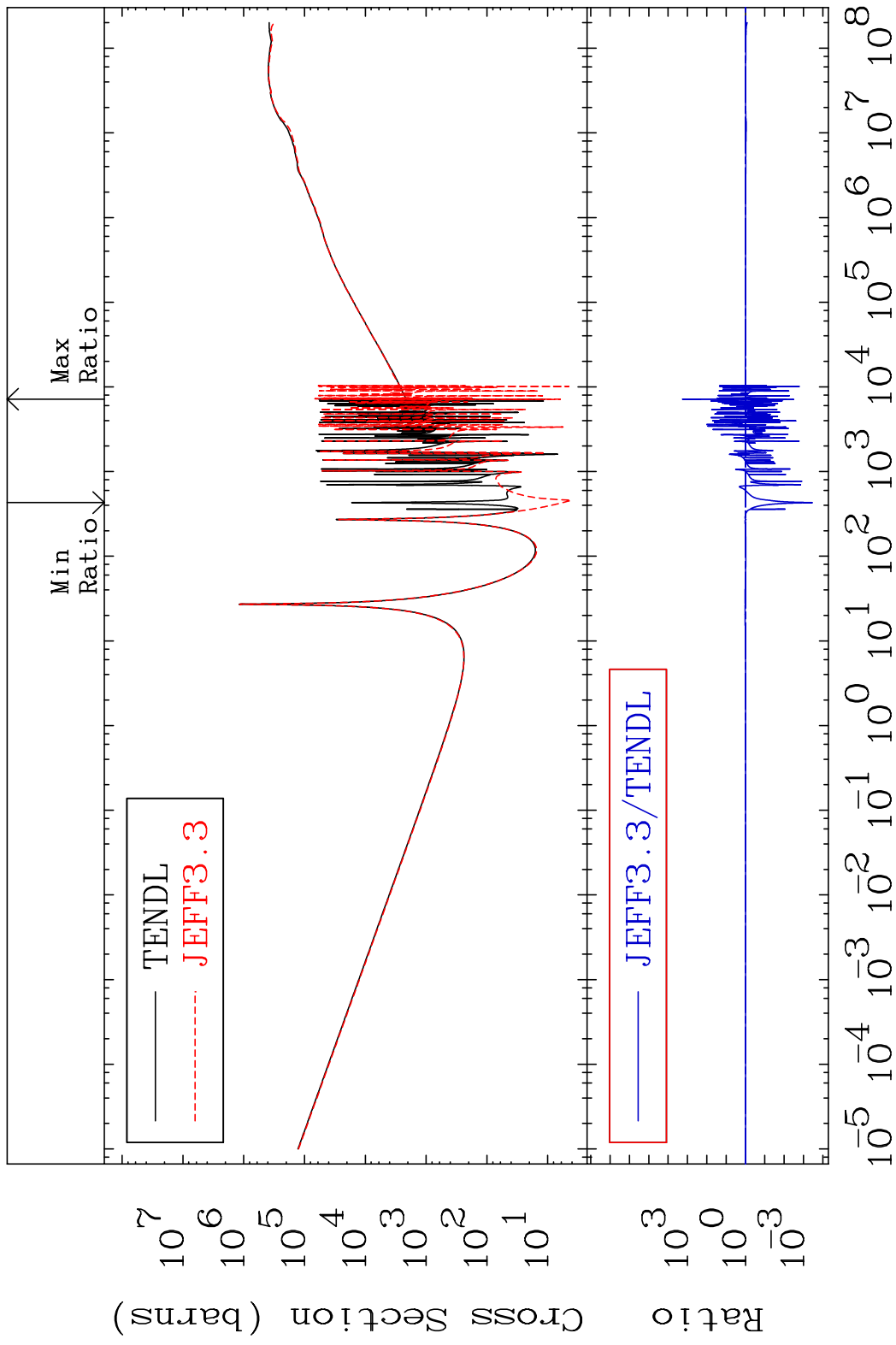
Incident Energy (eV)

34-Se-74

MAT 3425 Total kinematic kerma (high limit) 34-Se-74
 Cross Section -99.84 To 9999. %



MAT 3425 Dpa total (eV-barns) 34-Se-74
 Cross Section -99.97 To 9999. %

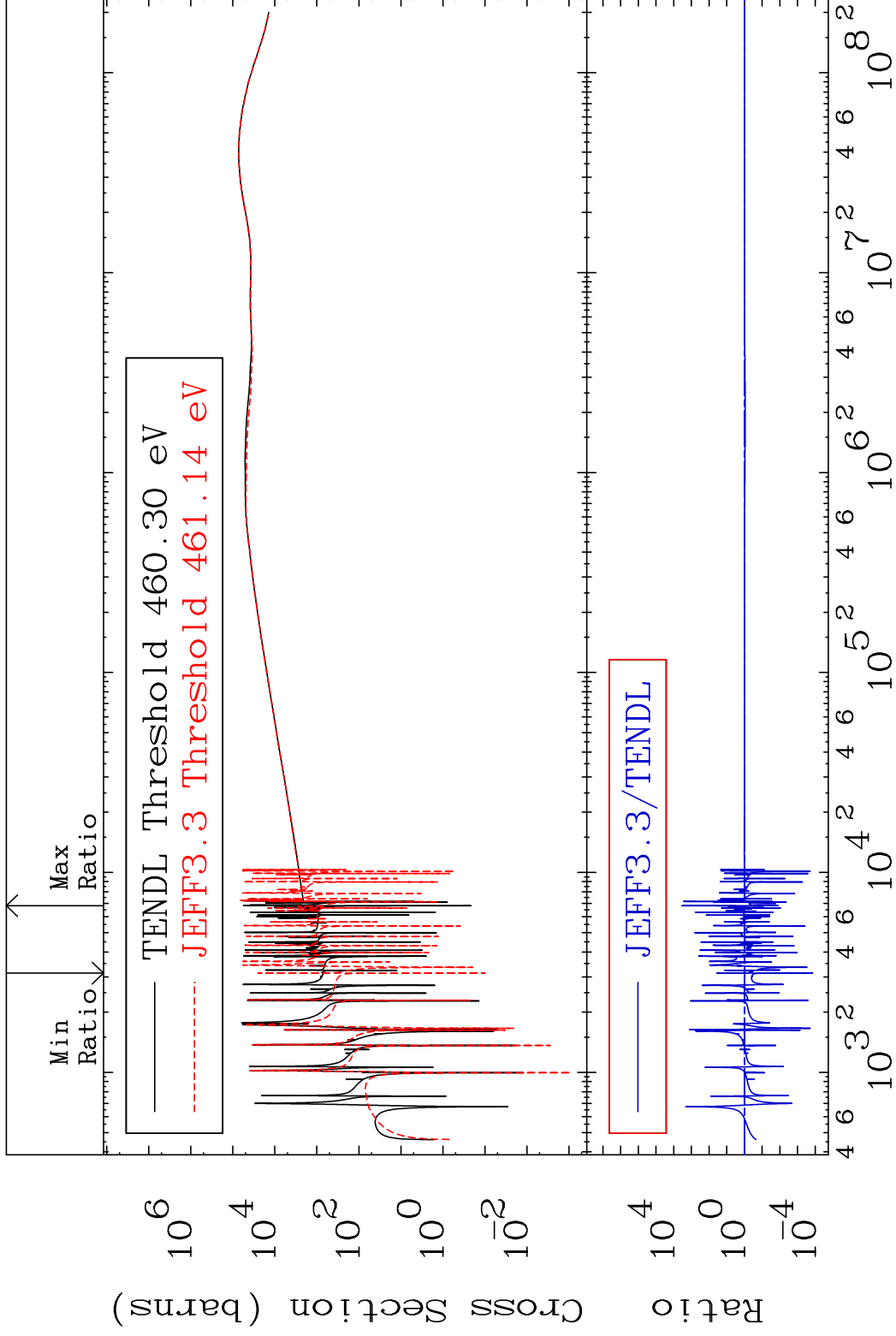


MAT 3425

Dpa elastic (mt2)

34-Se-74

Cross Section -99.99 To 9999. %

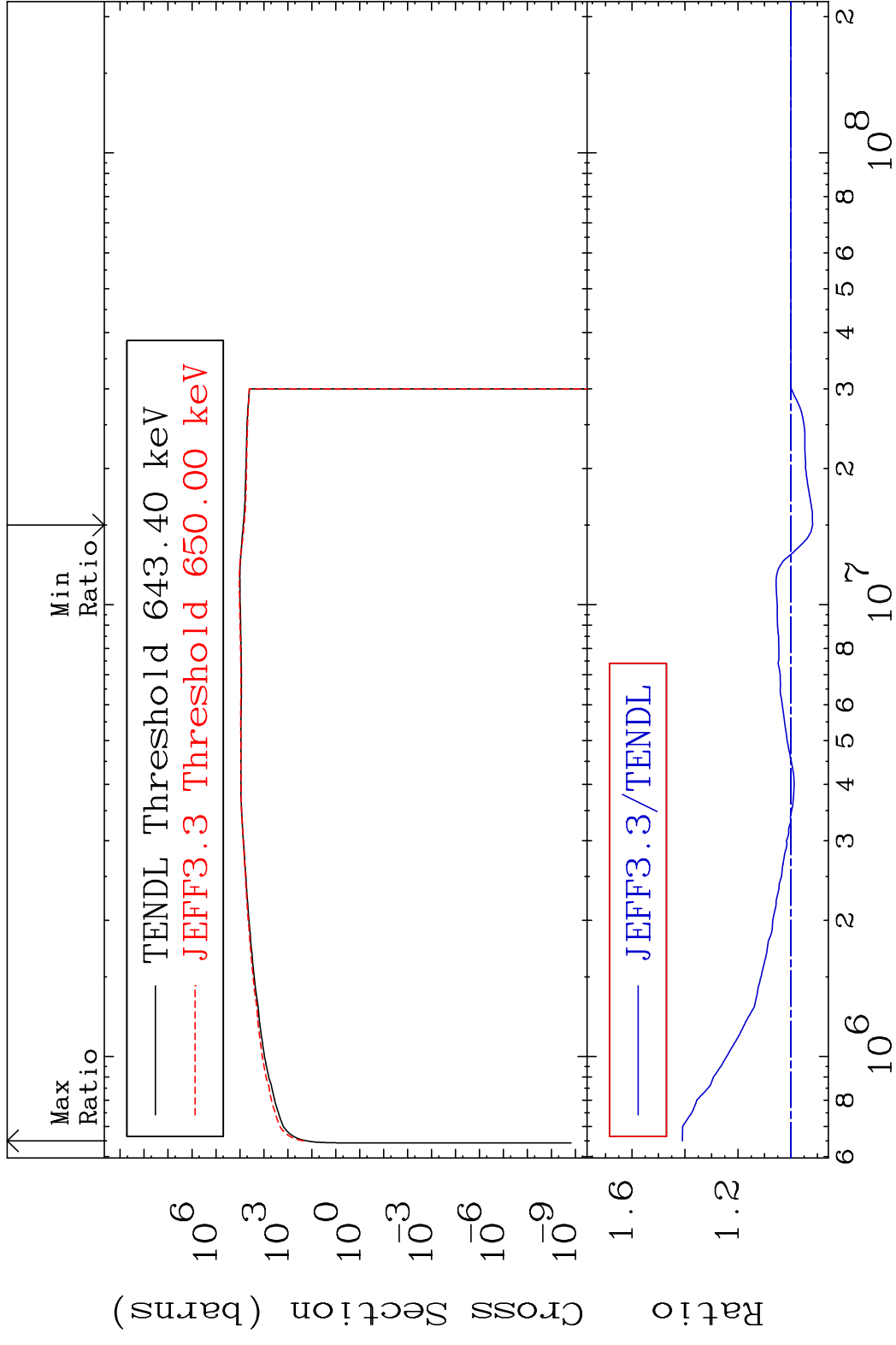


77

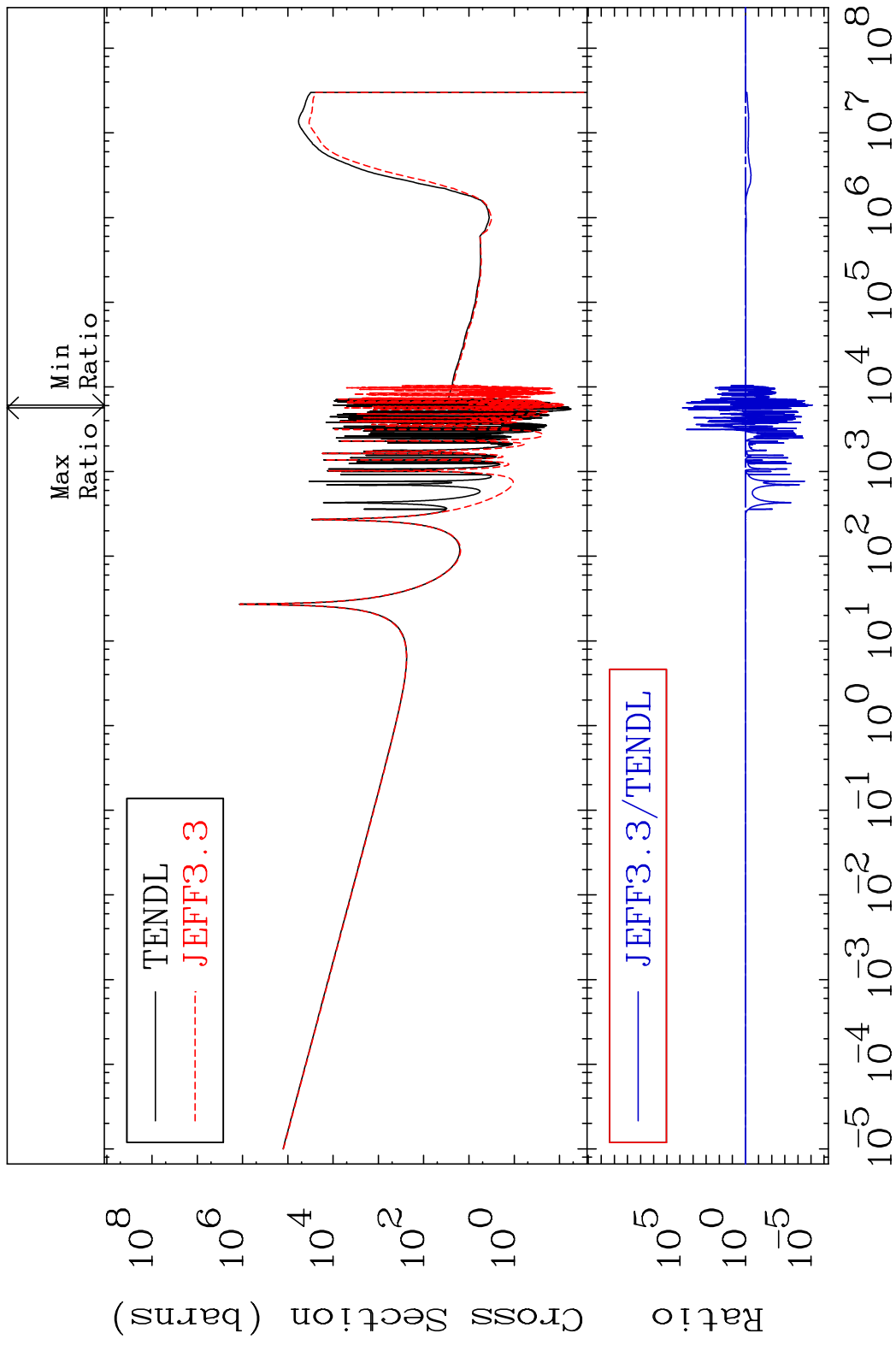
Incident Energy (eV)

34-Se-74

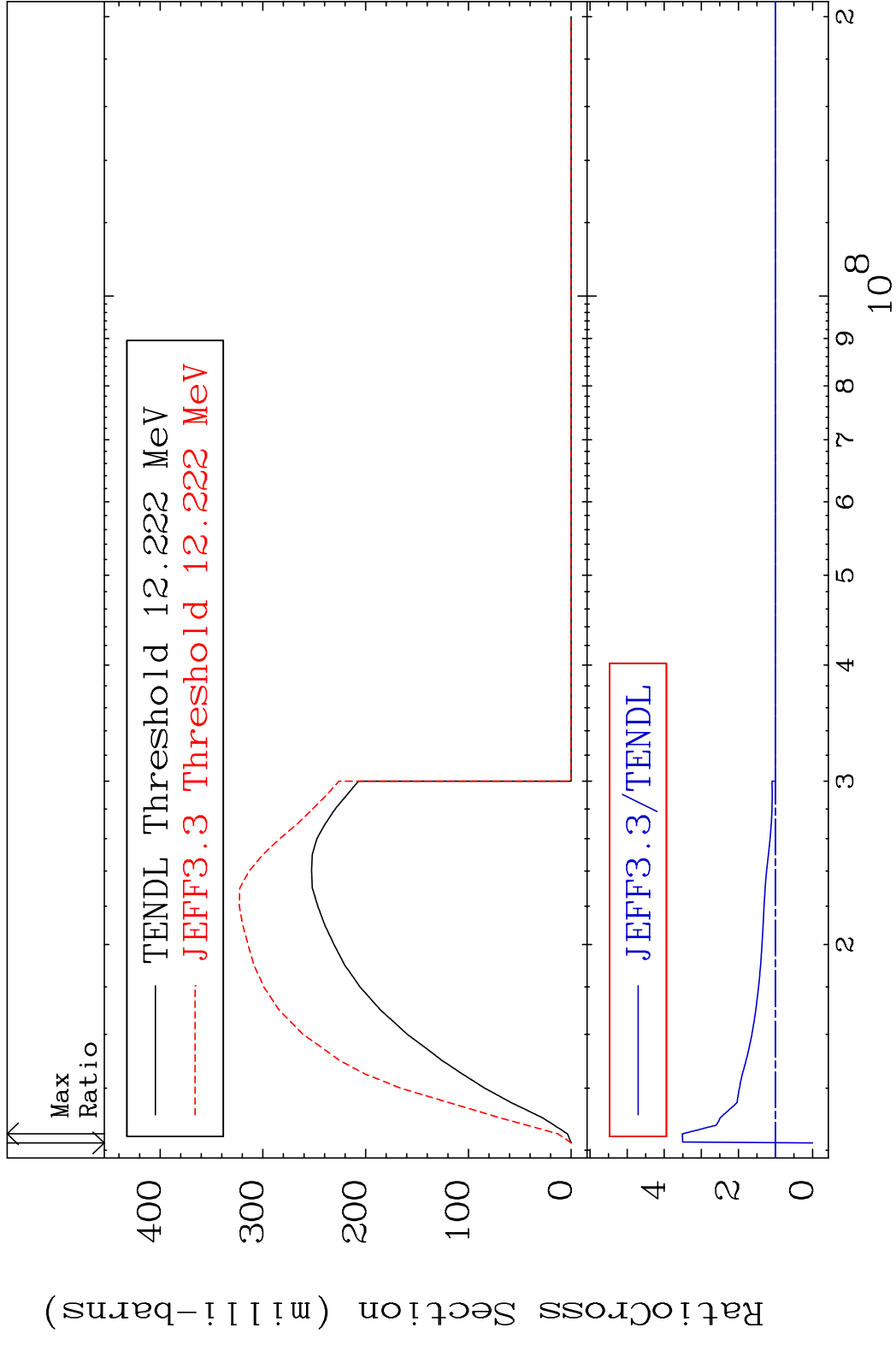
MAT 3425 Dpa inelastic (mt51-91) 34-Se-74
 Cross Section -8.141 To 41.00 %



MAT 3425 Dpa disappearance (mt102 -120) 34-Se-74
 Cross Section -100.0 To 9999. %

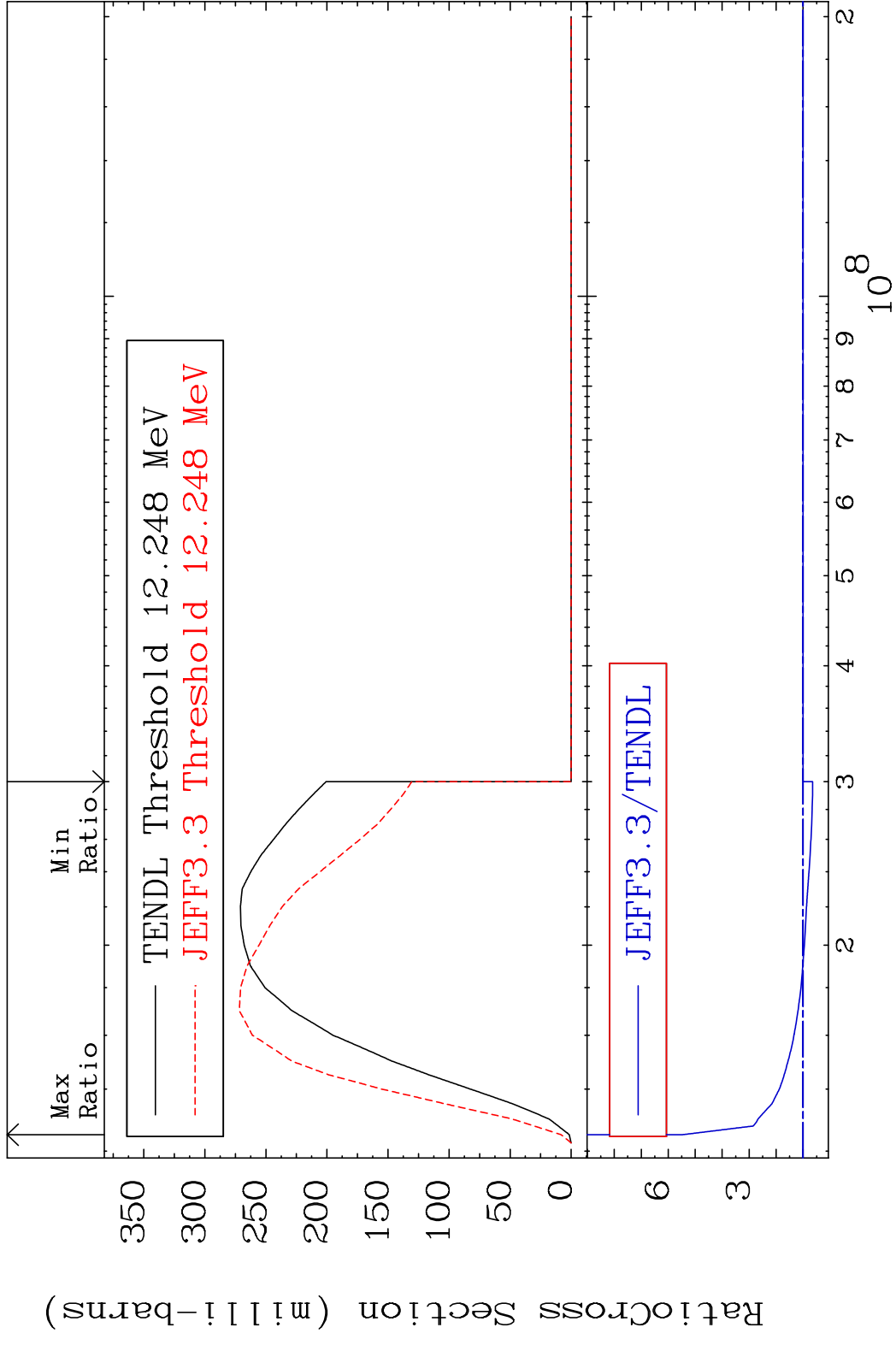


MAT 3425 (n,2n):34-Se-73g 34-Se-74
 Radionuclide Production Cross Section Ratio 251.1 %

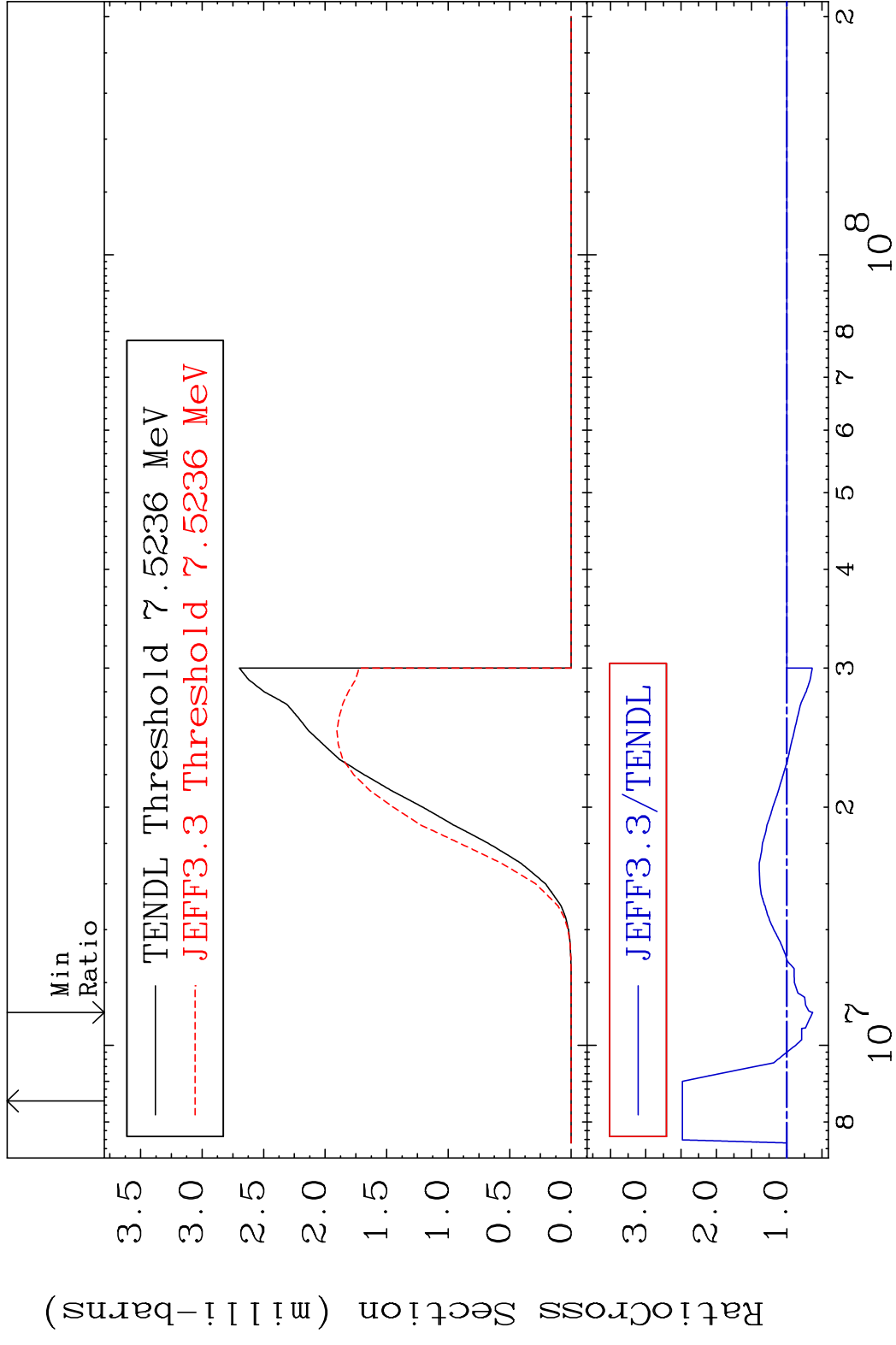


80 34-Se-74

MAT 3425 (n,2n):34-Se-73m1 34-Se-74
 Radionuclide Production Cross Section 447.6 %



MAT 3425 (n,2p):32-Ge-73g 34-Se-74
 Radionuclide Production Cross Section 36.5 b to 148.1 %



MAT 3425 (n,2p):32-Ge-73m2 34-Se-74
 Radionuclide Production Cross Section 65691 d10 238.7 %

