

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

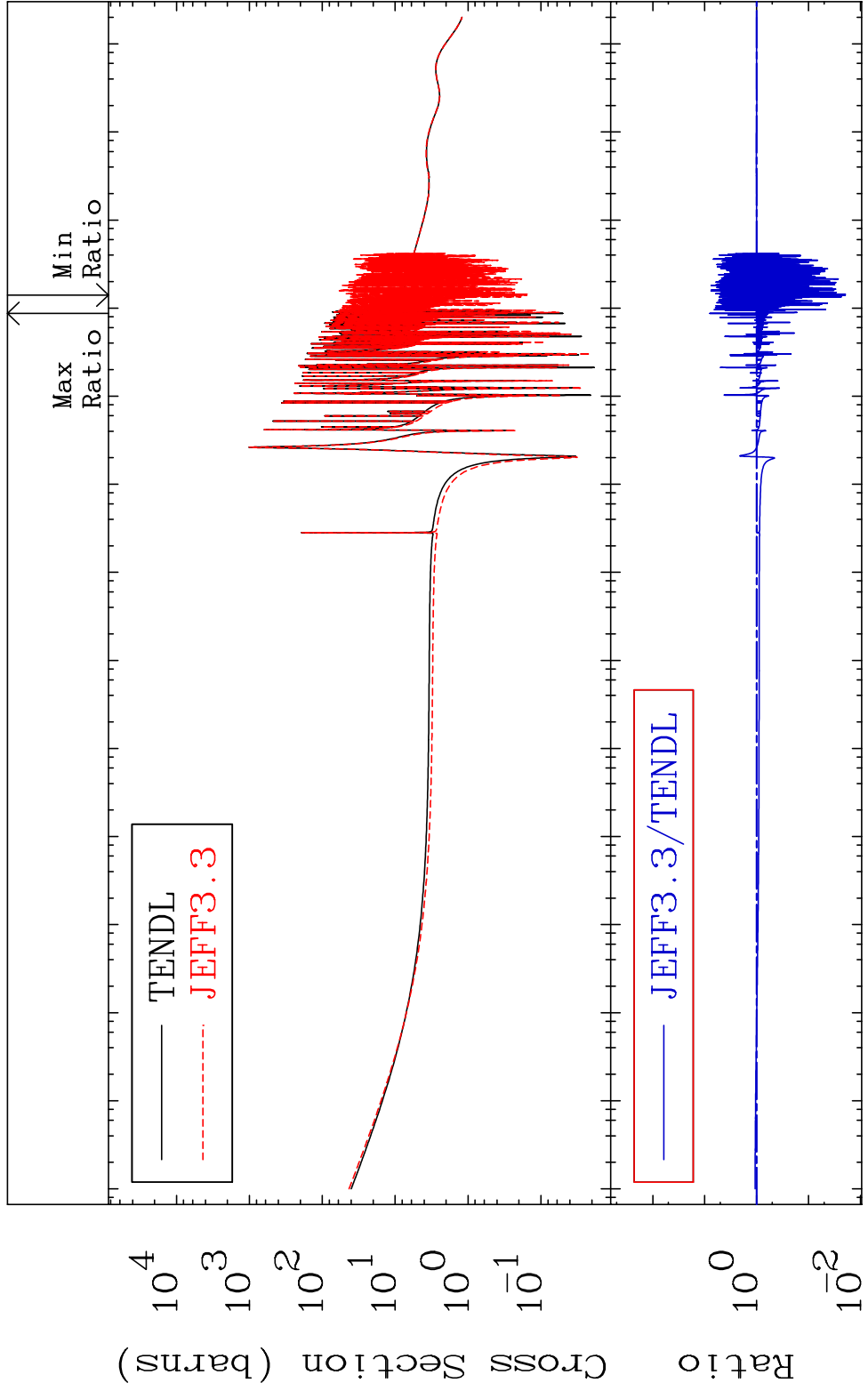
MAT 3025

Total

30-Zn-64

Cross Section

-98.03 To 698.5 %



1

Incident Energy (eV)

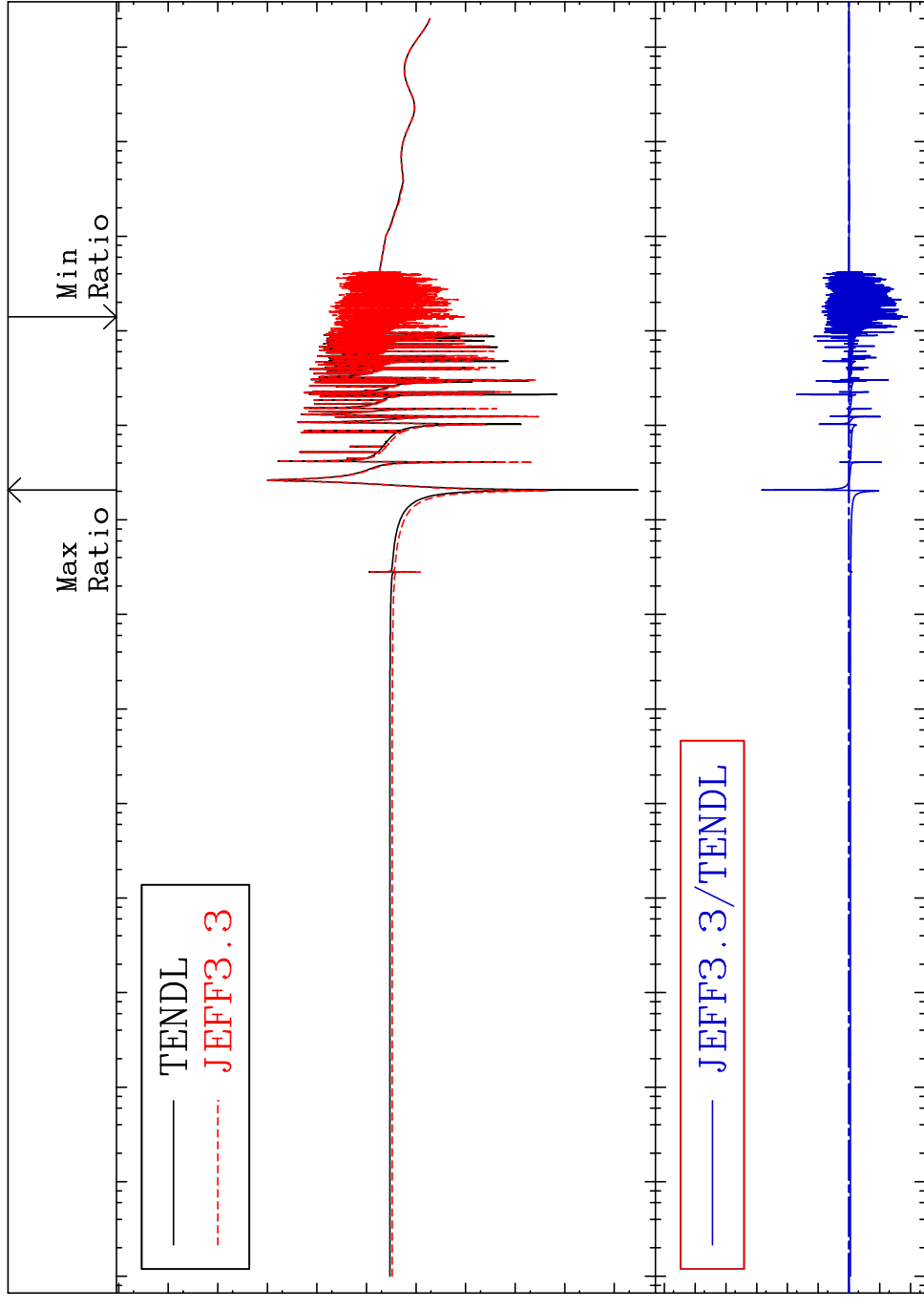
30-Zn-64

MAT 3025

30-Zn-64

Elastic

Cross Section -98.71 To 9999. %

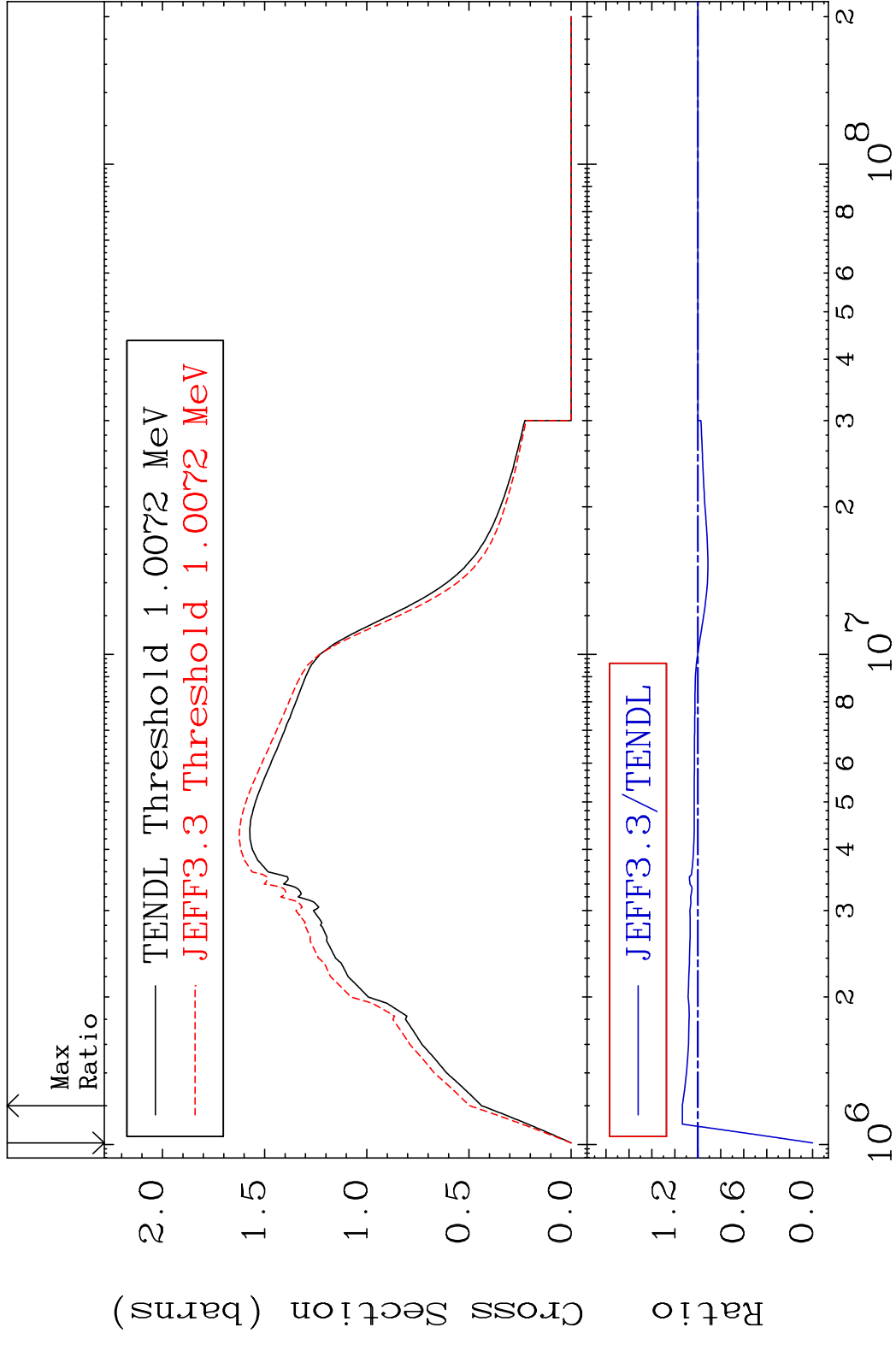


2

Incident Energy (eV)

30-Zn-64

MAT 3025 Inelastic 30-Zn-64  
 Cross Section -100.0 To 13.49 %



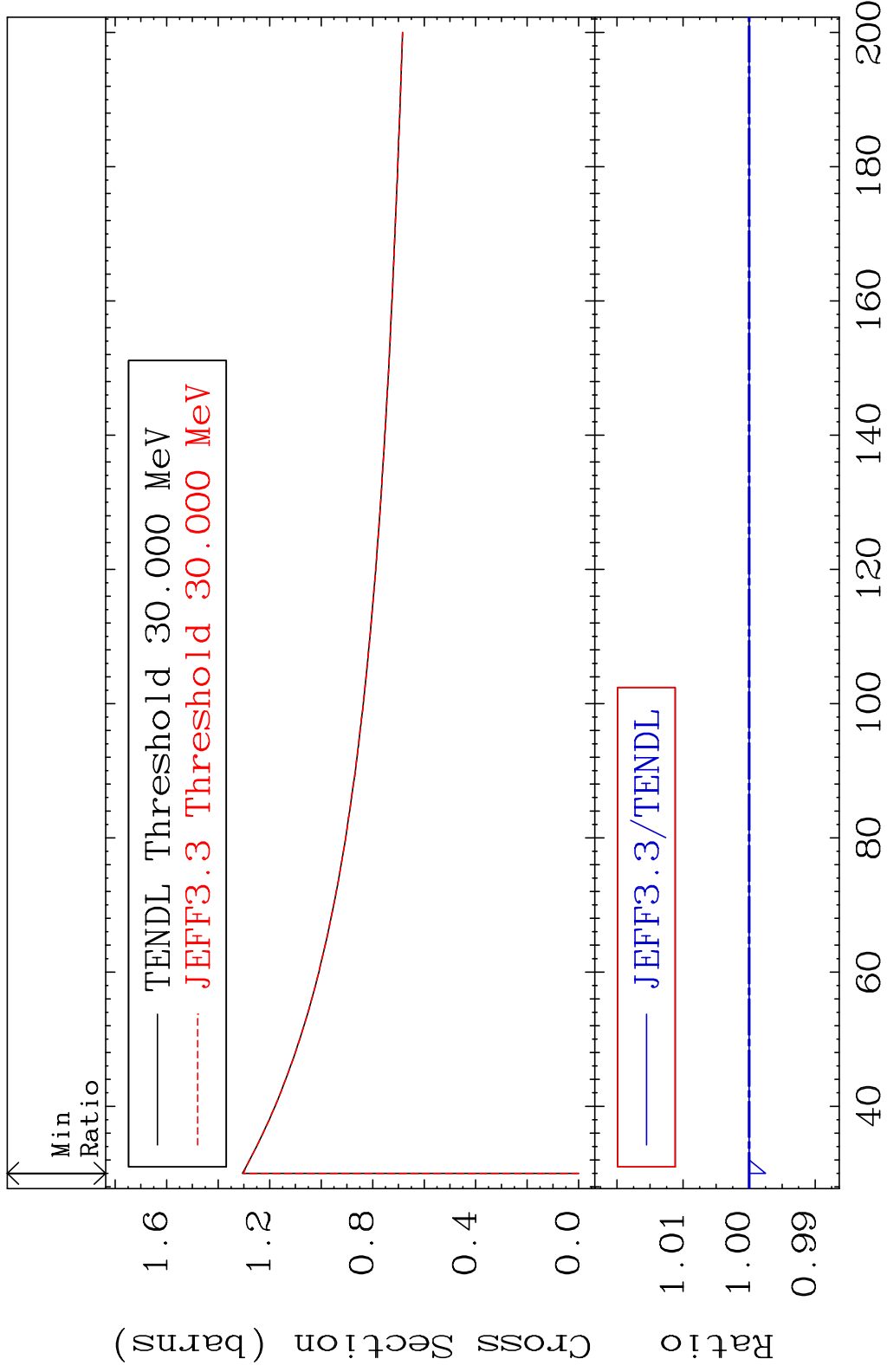
3 30-Zn-64

MAT 3025

(n, remainder)

30-Zn-64

Cross Section -0.247 To 0.000 %

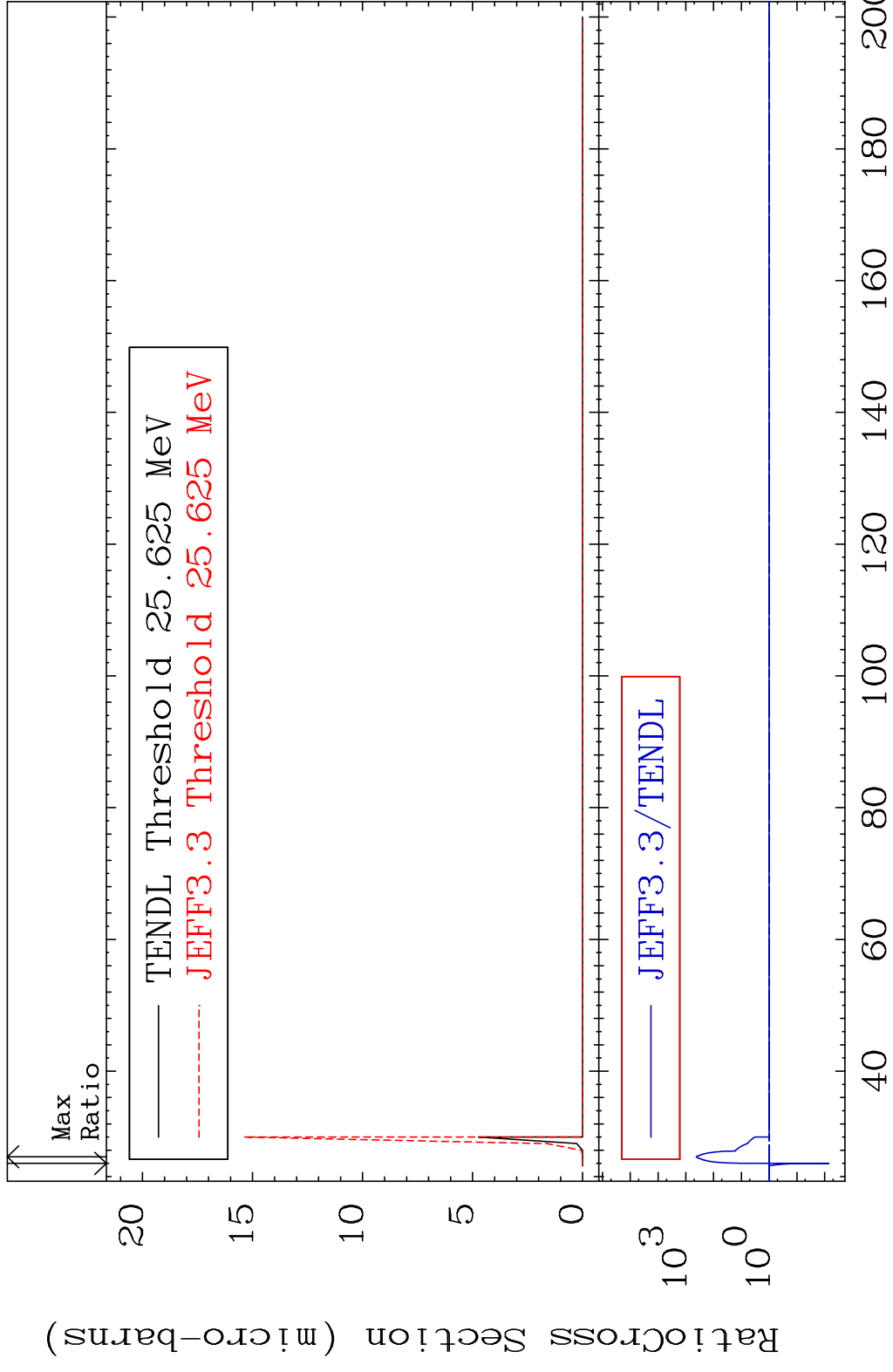


4

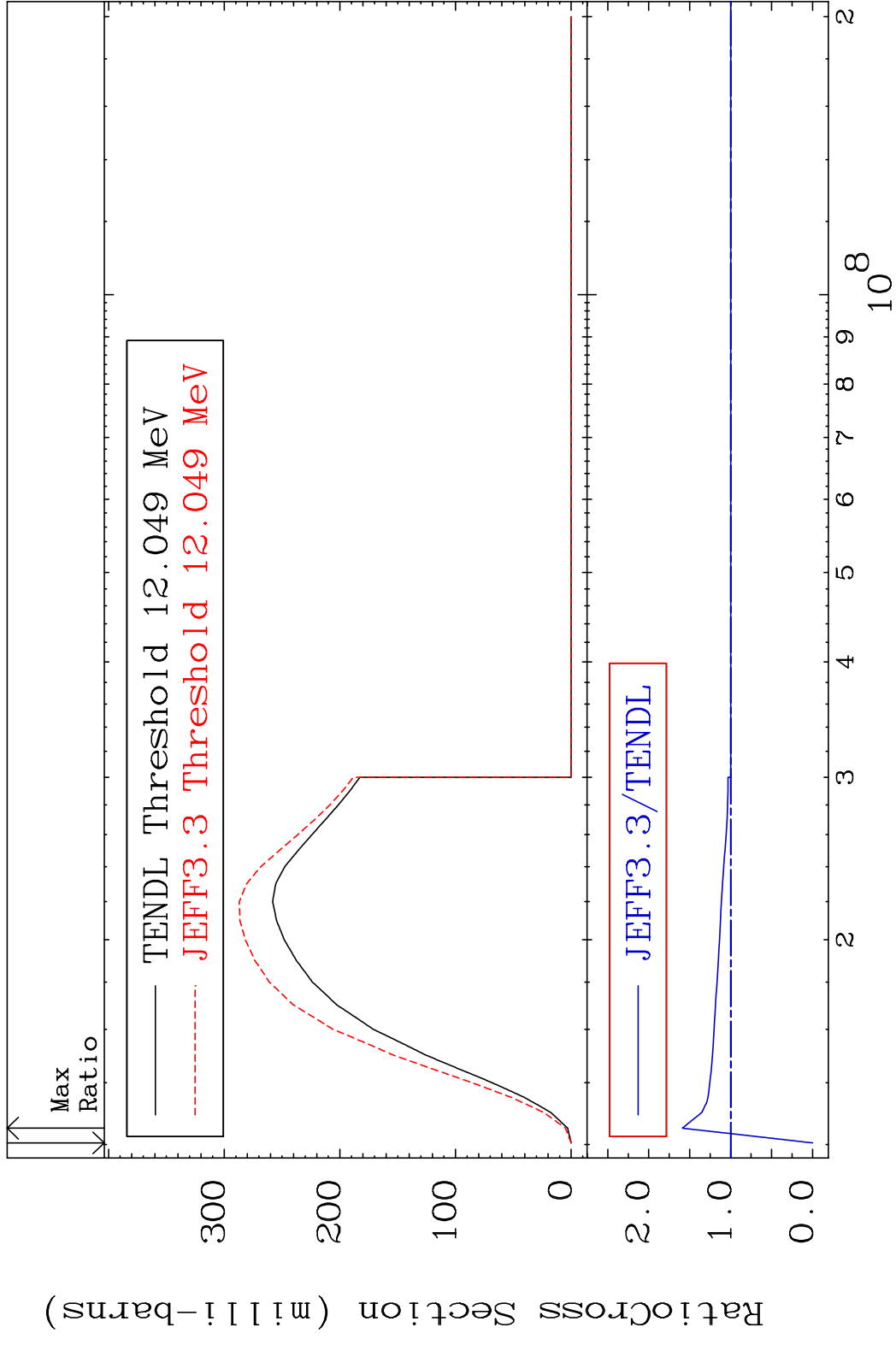
Incident Energy (MeV)

30-Zn-64

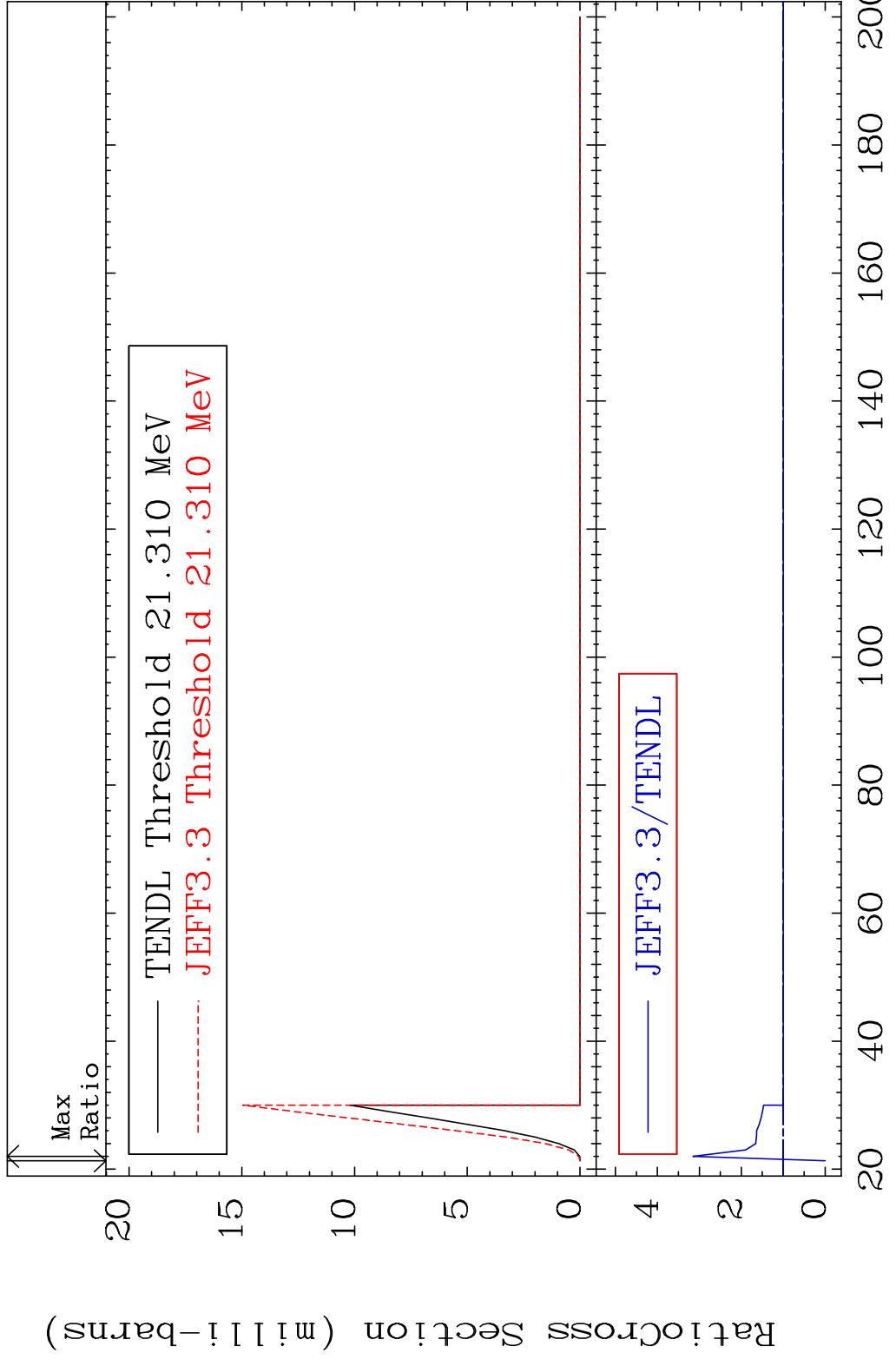
MAT 3025 (n,2n) d 30-Zn-64  
 Cross Section -99.29 To 9999. %



MAT 3025 (n,2n) 30-Zn-64  
 Cross Section -100.0 To 58.93 %



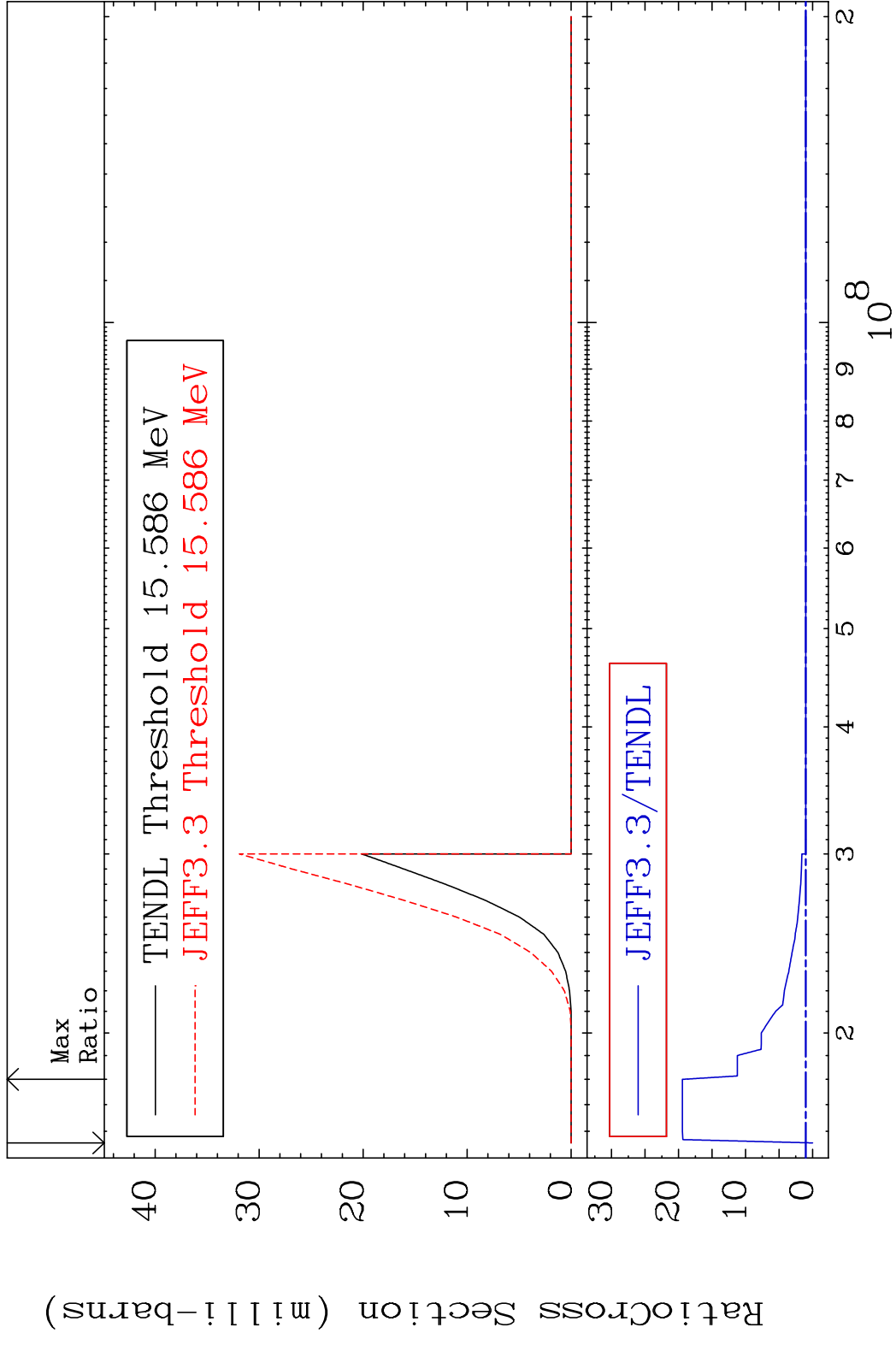
MAT 3025 (n,3n) 30-Zn-64  
 Cross Section -100.0 To 215.3 %



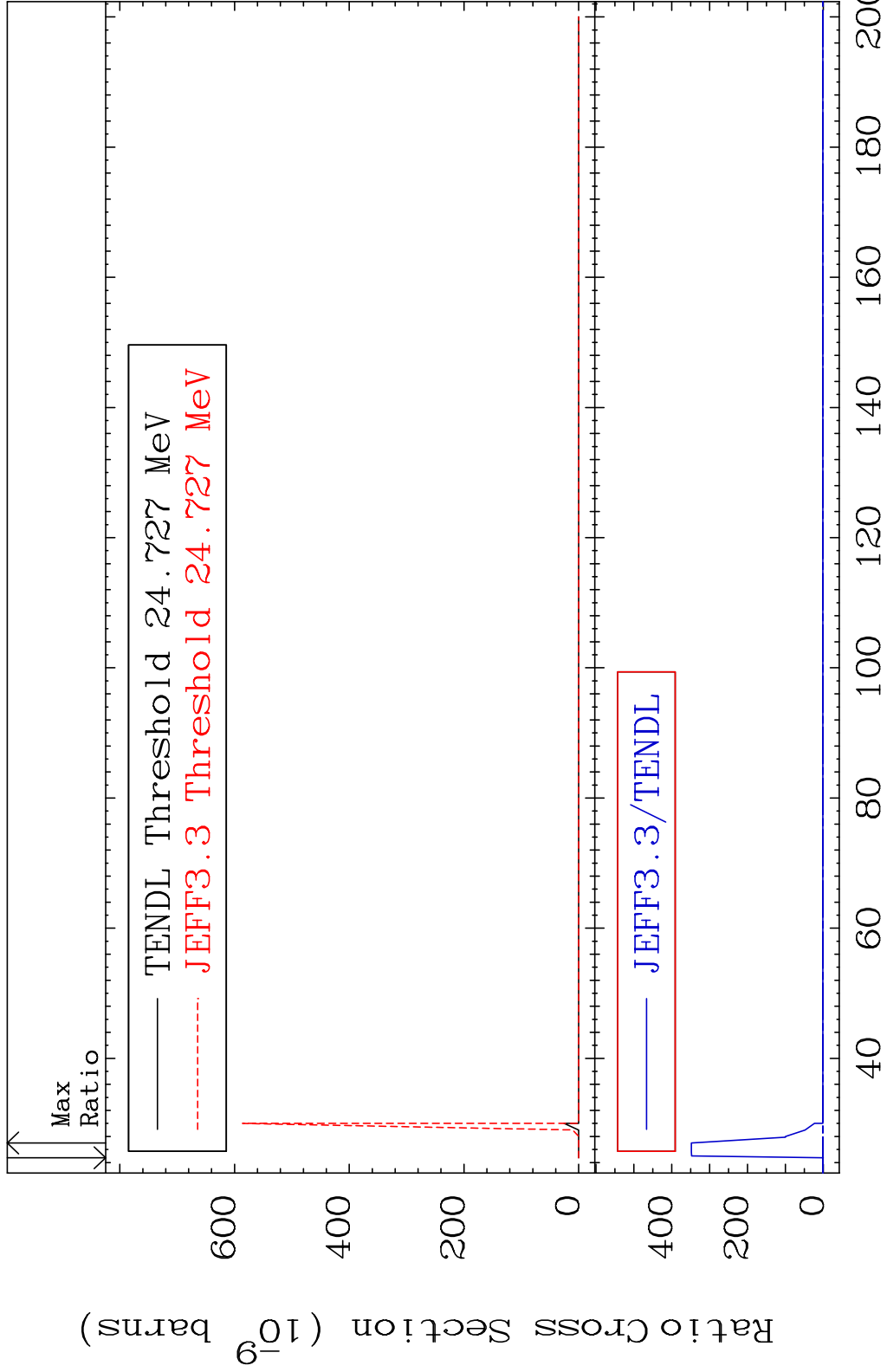




MAT 3025 (n,2n)  $\alpha$  30-Zn-64  
 Cross Section -100.0 To 1843. %

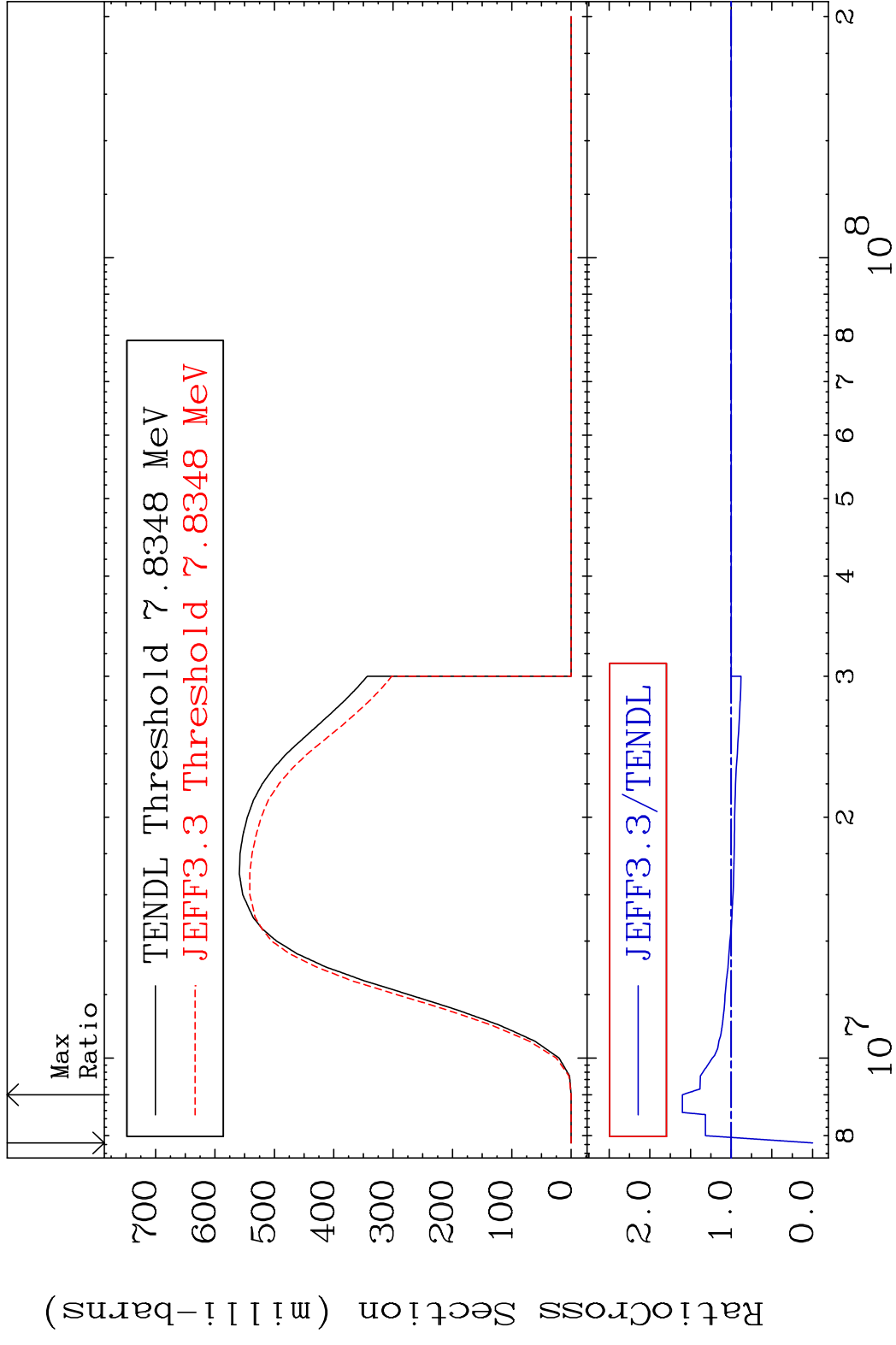


MAT 3025 (n,3n)  $\alpha$  30-Zn-64  
 Cross Section -100.0 To 9999. %

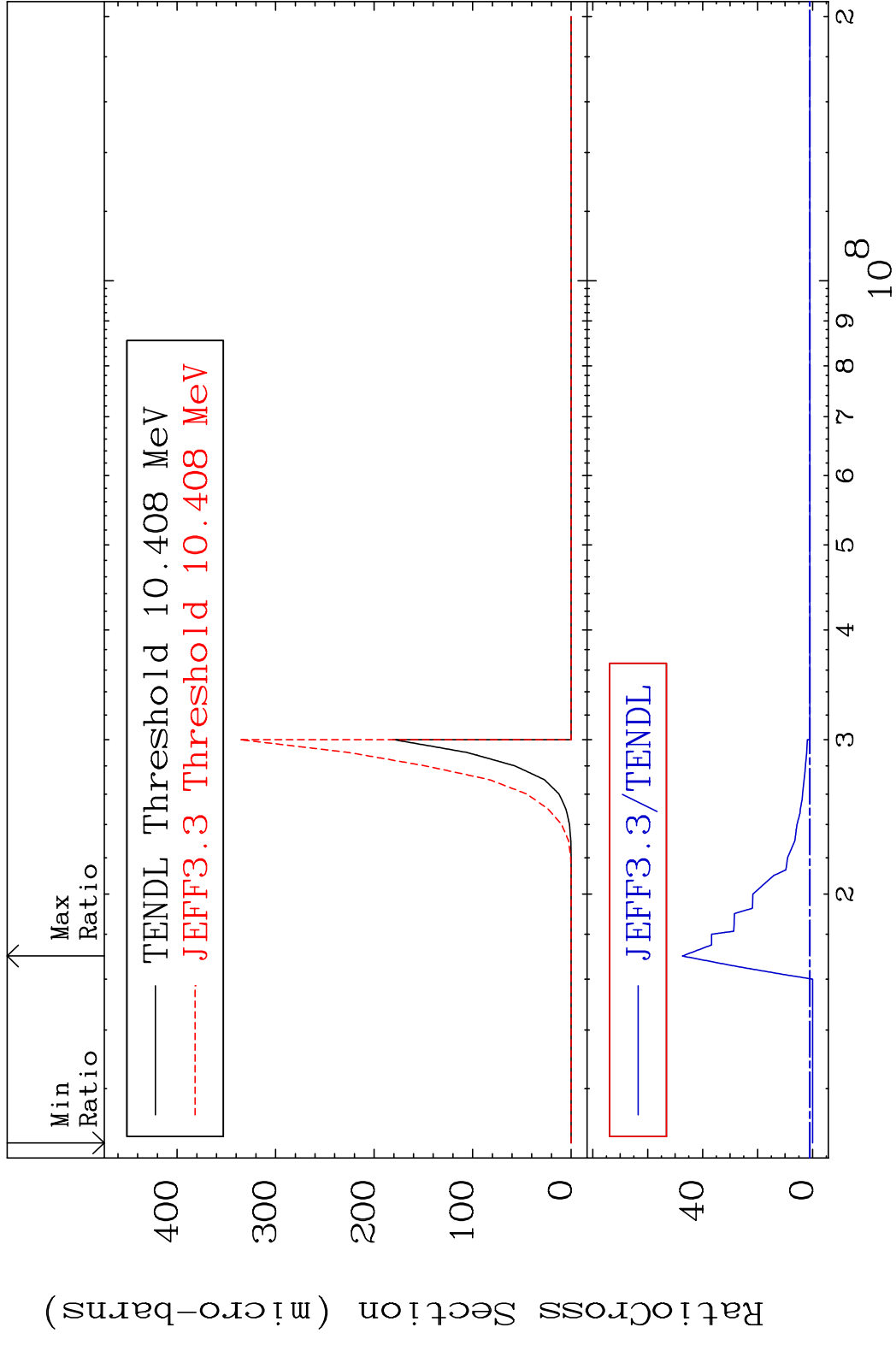


10 Incident Energy (MeV) 30-Zn-64

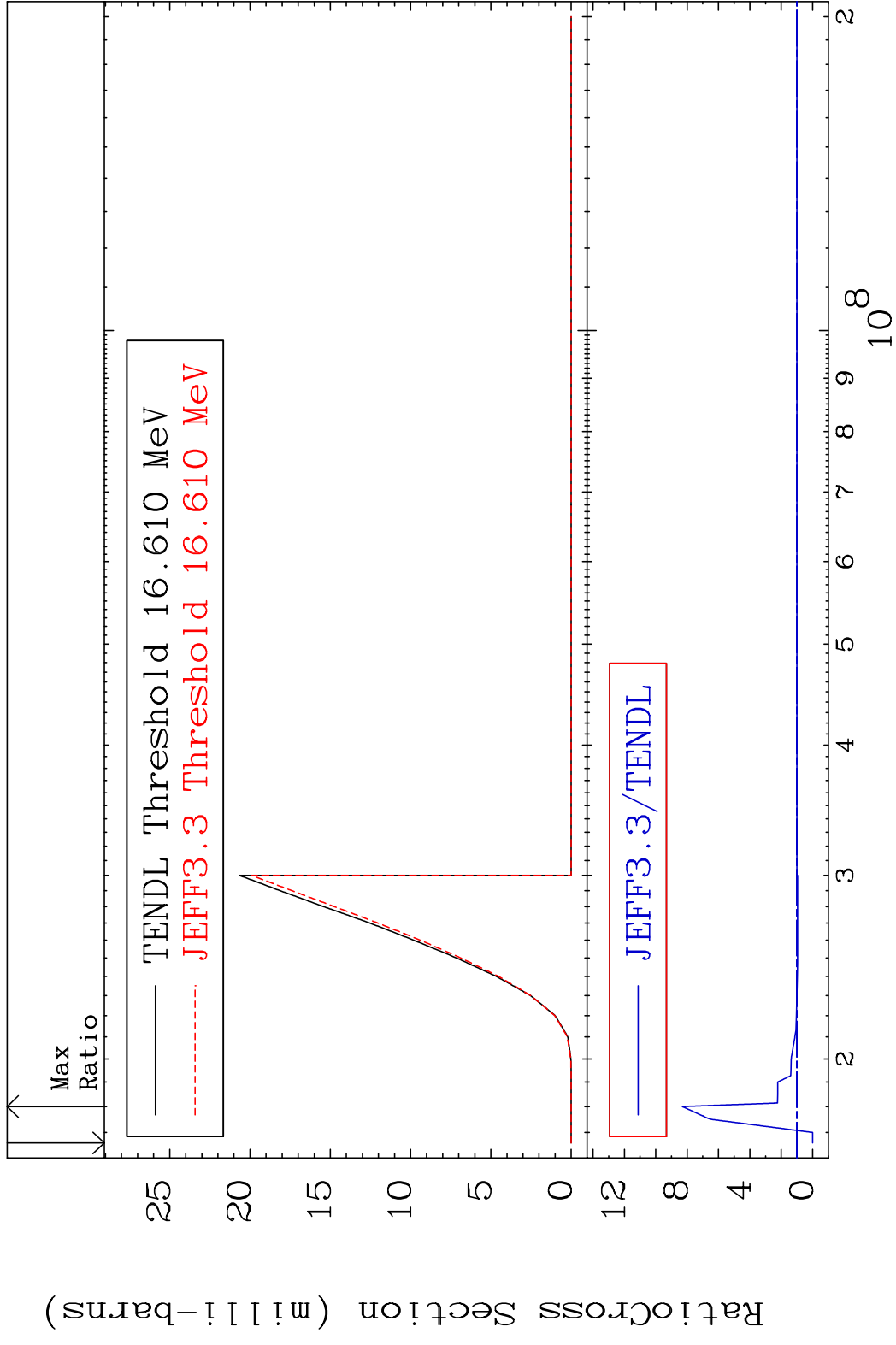
MAT 3025 (n, n') p 30-Zn-64  
 Cross Section -100.0 To 60.08 %



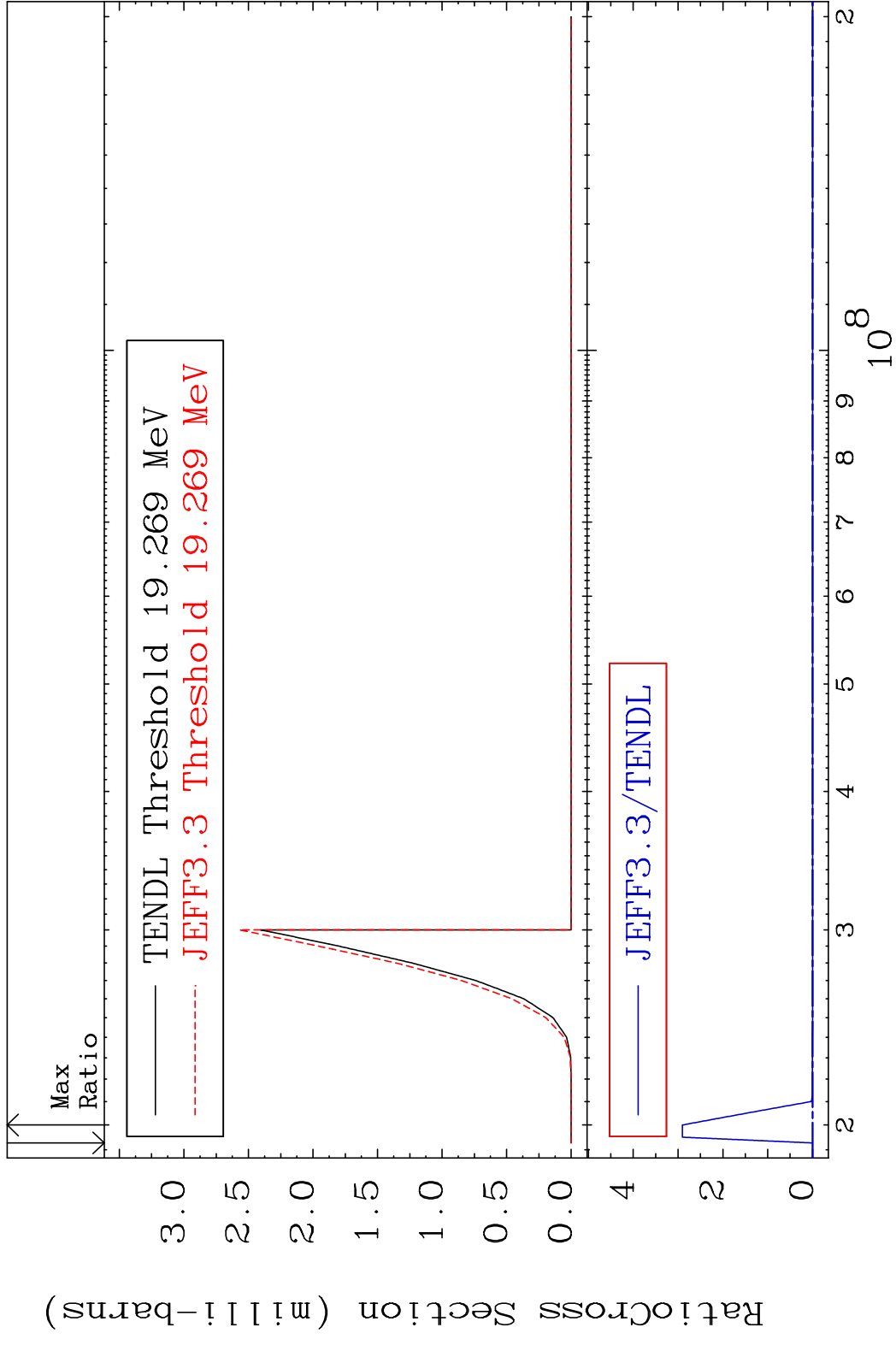
MAT 3025 (n, n') 2α 30-Zn-64  
 Cross Section -100.0 To 4637. %



MAT 3025 (n, n') d 30-Zn-64  
 Cross Section -100.0 To 730.4 %

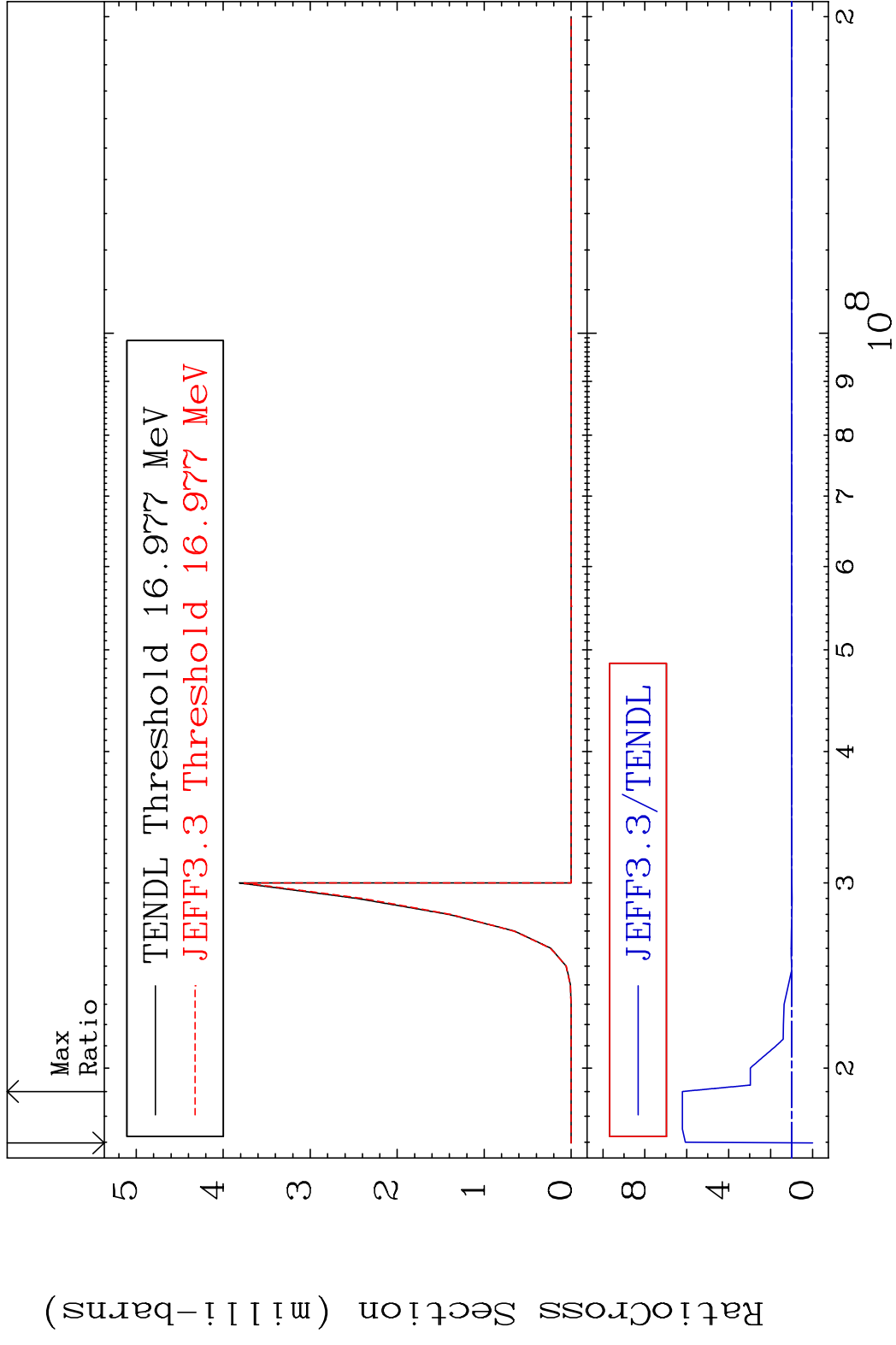


MAT 3025 (n, n') t 30-Zn-64  
 Cross Section -100.0 To 9999. %



14 Incident Energy (eV) 30-Zn-64

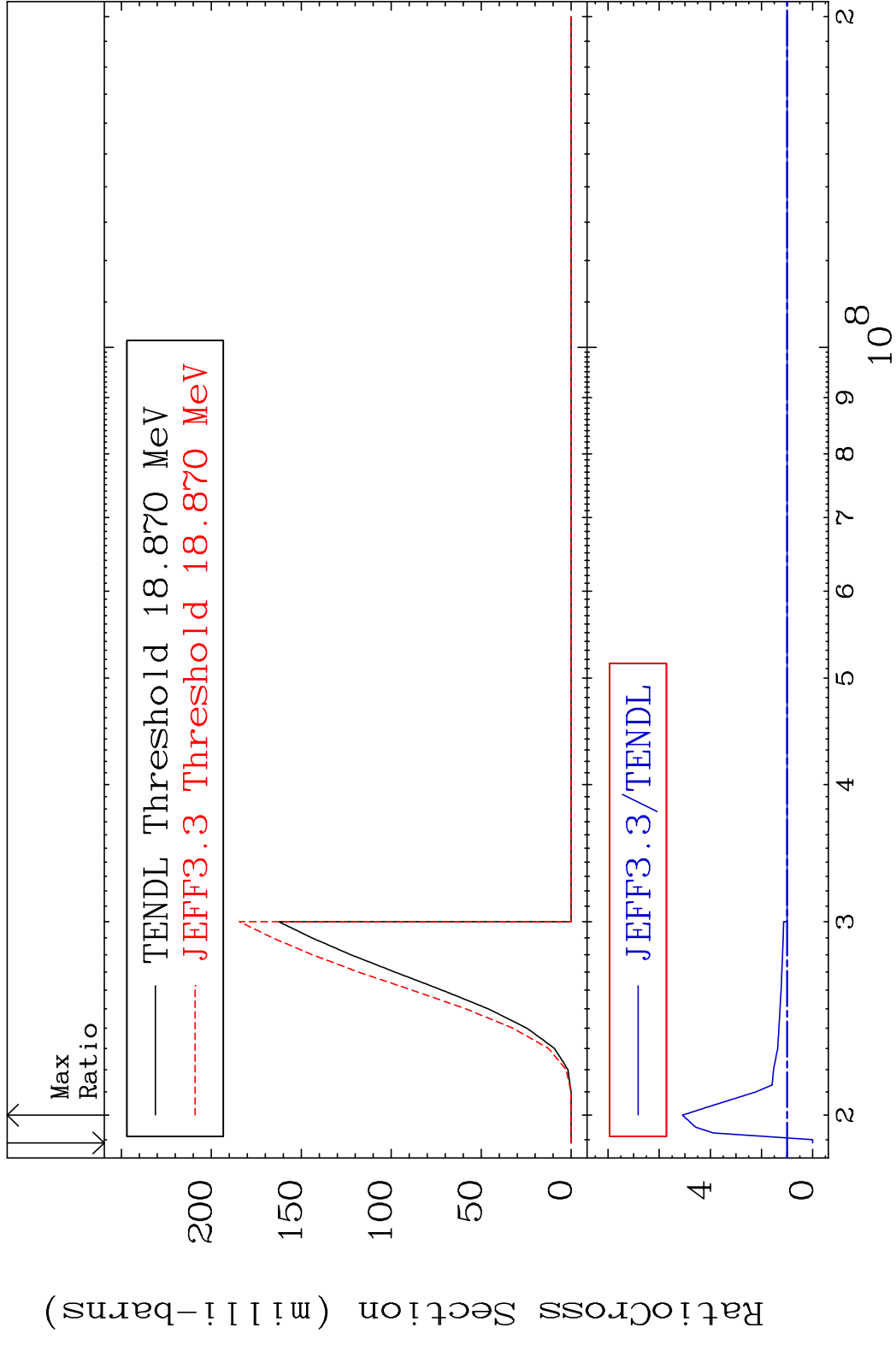
MAT 3025 (n,n') He-3 30-Zn-64  
 Cross Section -100.0 To 521.2 %



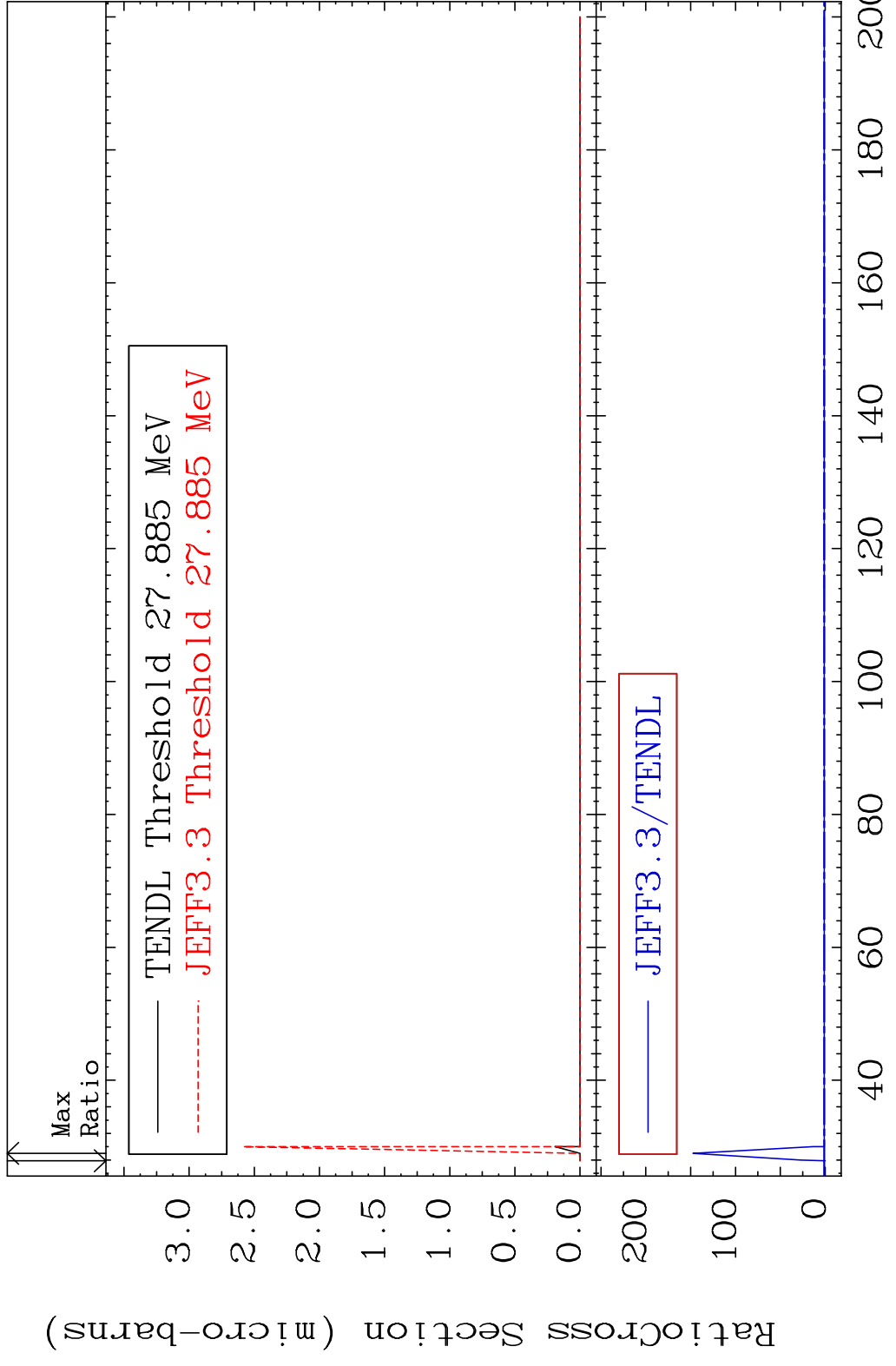
15 Incident Energy (eV) 30-Zn-64



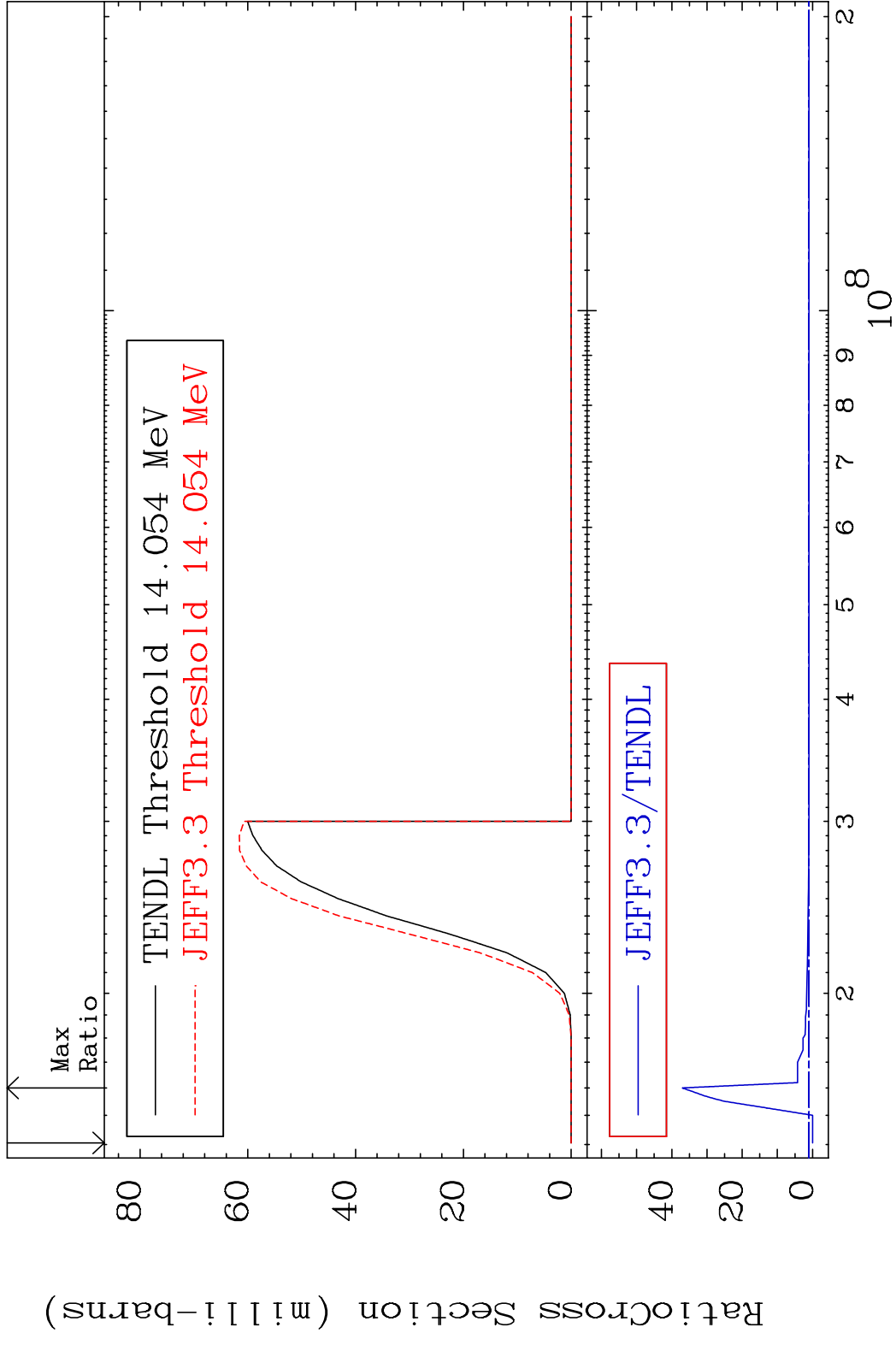
MAT 3025 (n,2n) p 30-Zn-64  
 Cross Section -100.0 To 409.5 %



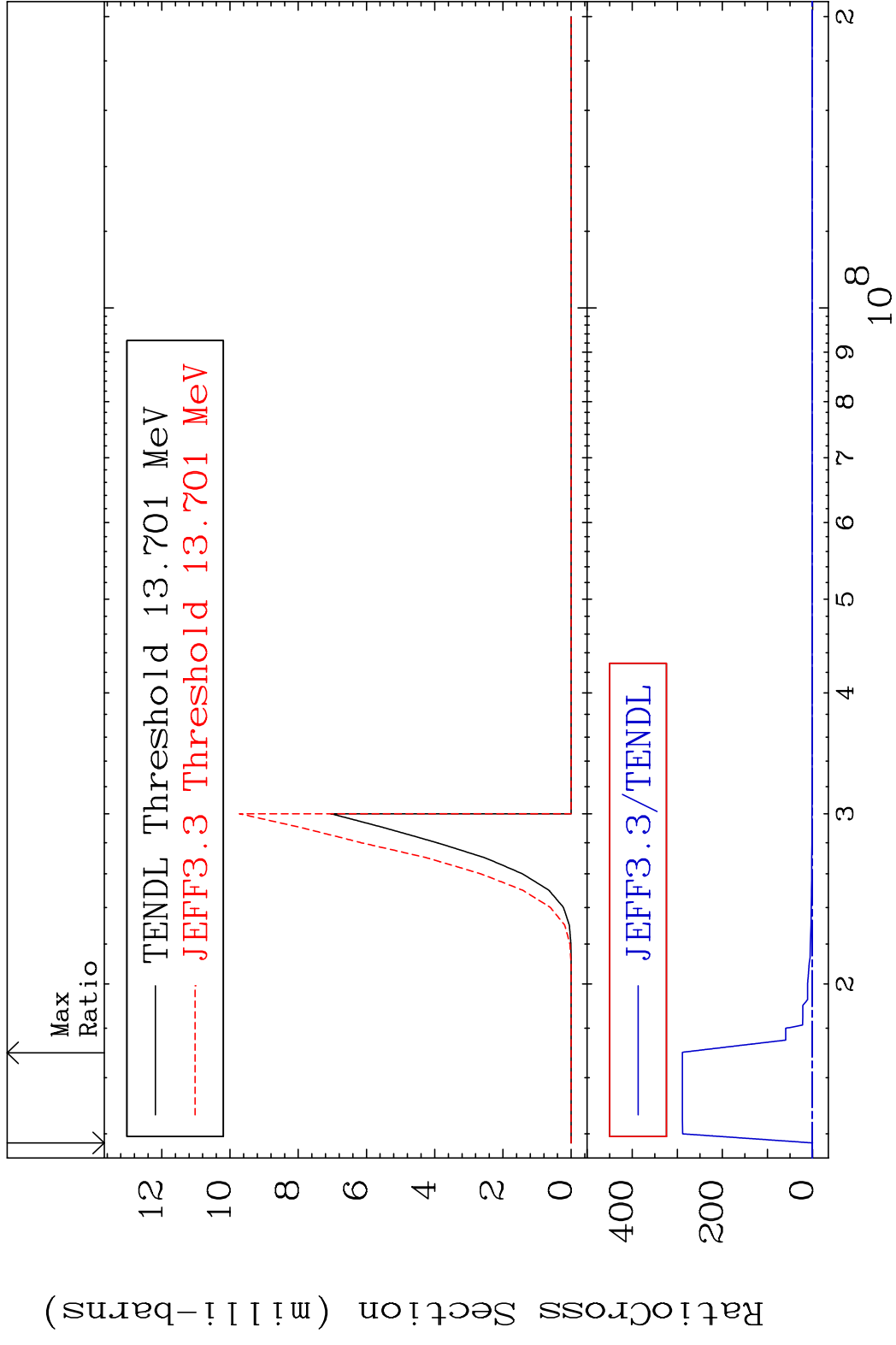
MAT 3025 (n,3n) p 30-Zn-64  
 Cross Section -100.0 To 9999. %



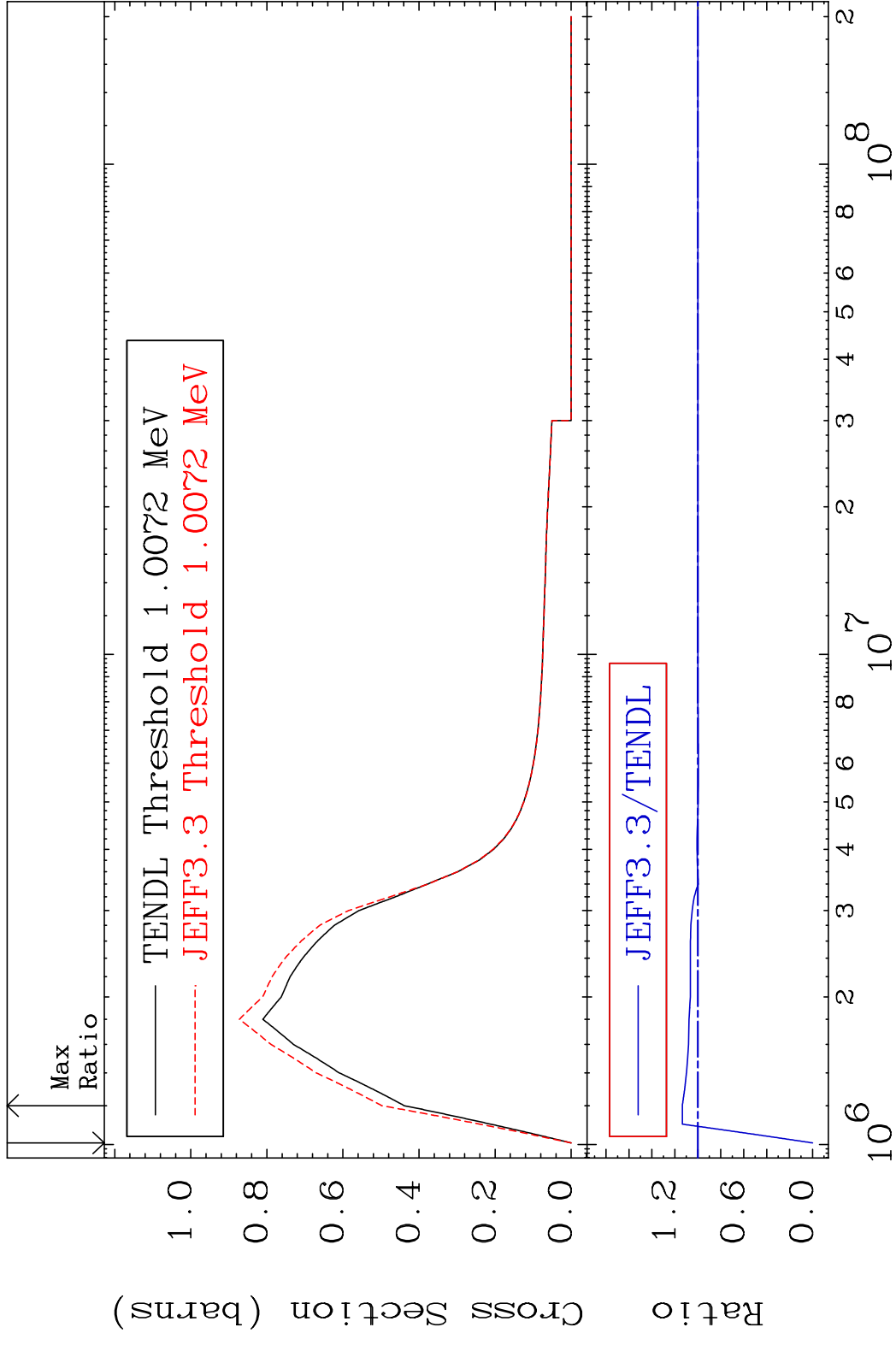
MAT 3025 (n,2n) p 30-Zn-64  
 Cross Section -100.0 To 3600. %



MAT 3025 (n,n') p α 30-Zn-64  
 Cross Section -100.0 To 9999. %

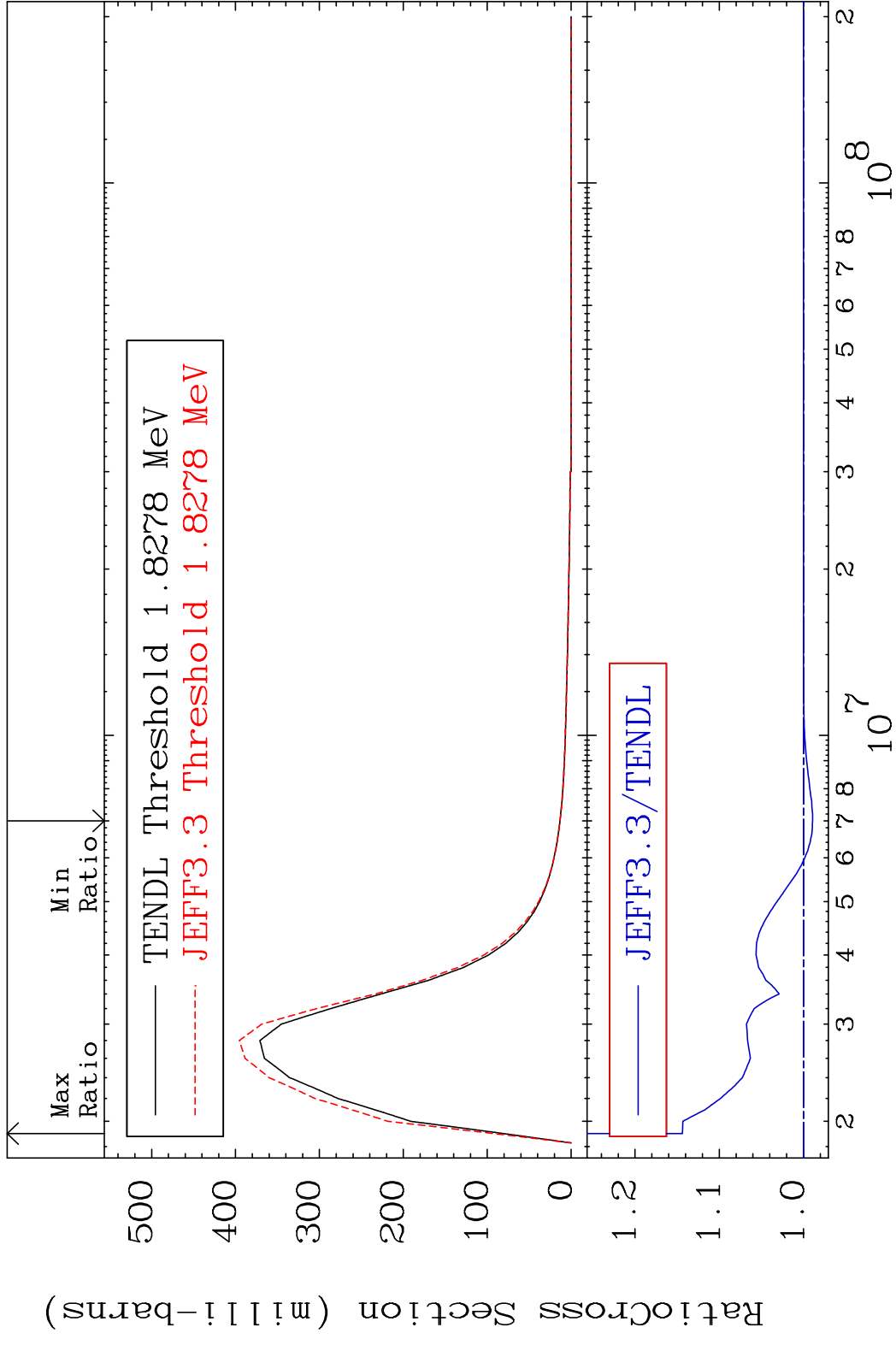


MAT 3025      MT= 51 (n,n') Level      30-Zn-64  
 Cross Section    -100.0 To 13.49 %

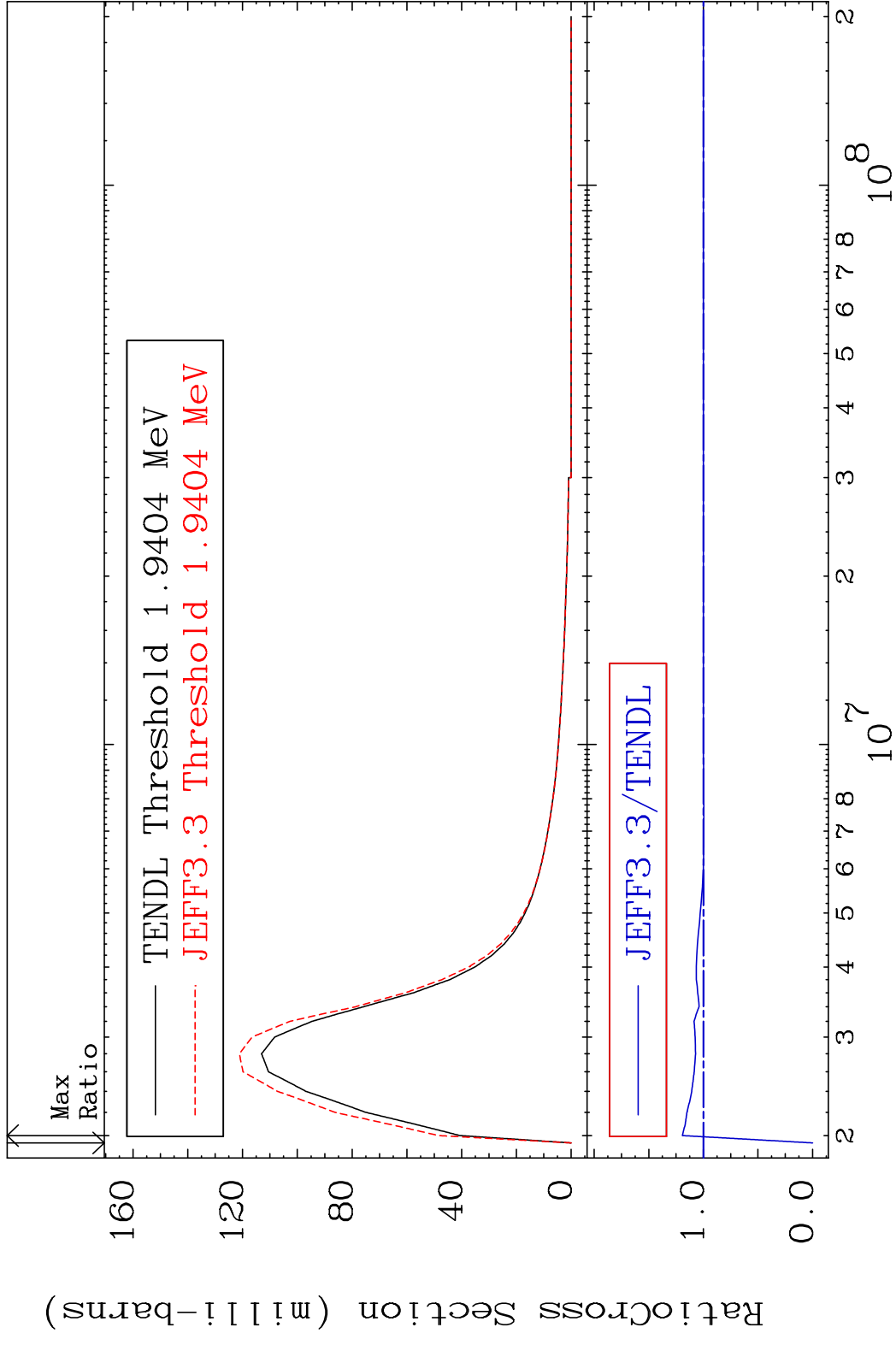


20      Incident Energy (eV)      30-Zn-64

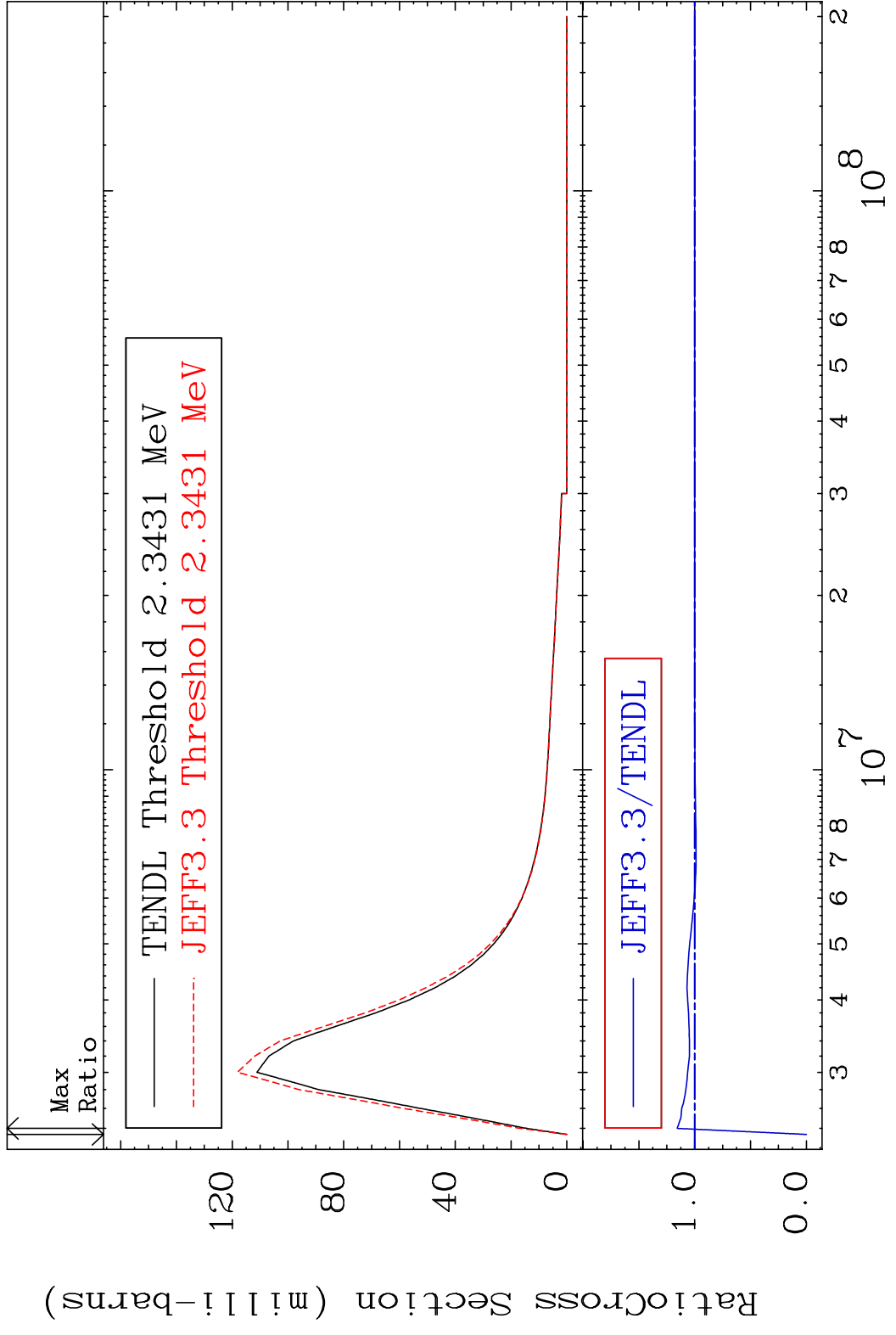
MAT 3025 MT= 52 (n,n') Level 30-Zn-64  
 Cross Section -1.079 To 14.38 %



MAT 3025 MT= 53 (n, n') Level 30-Zn-64  
 Cross Section -100.0 To 19.25 %

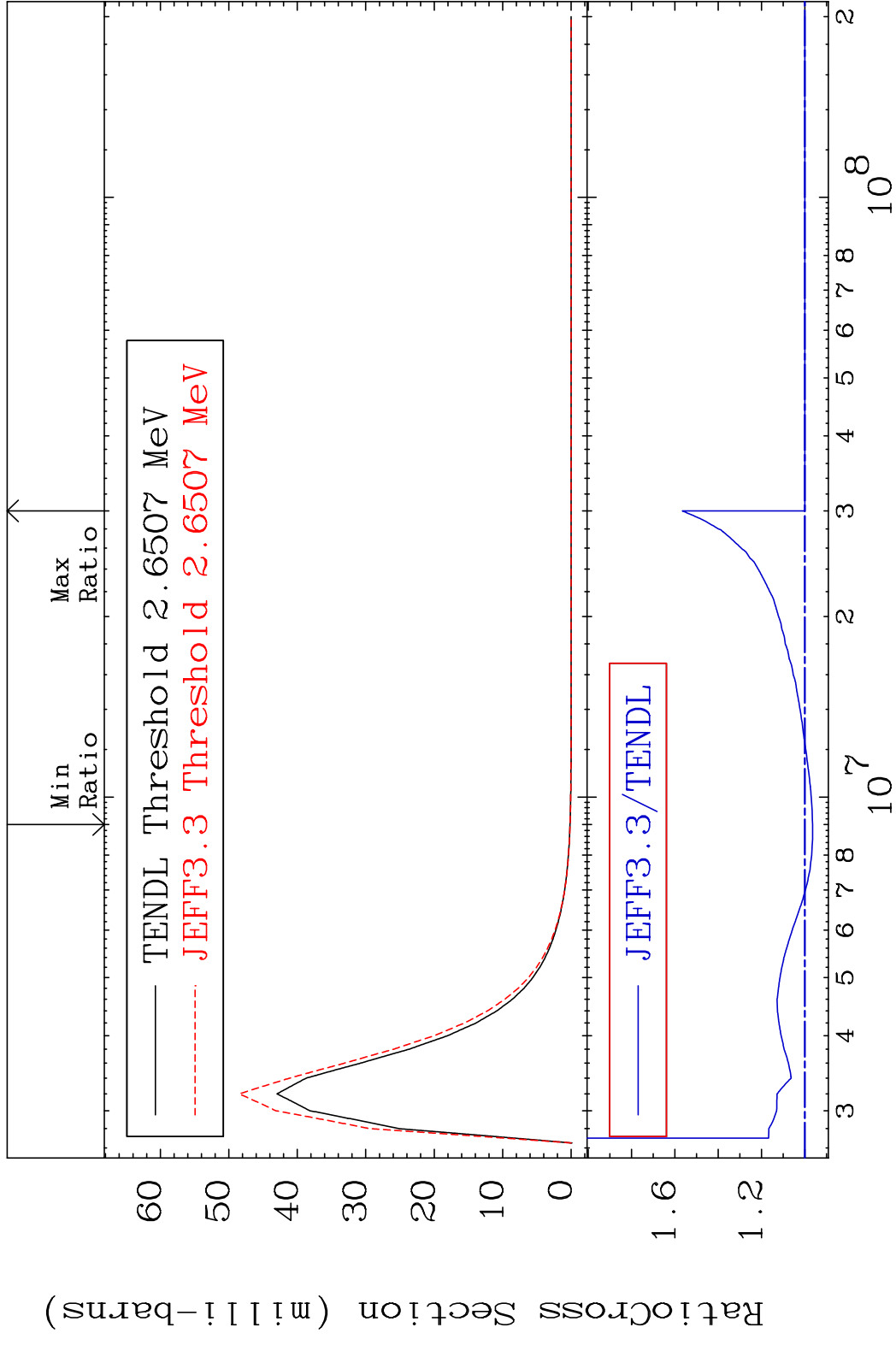


MAT 3025      MT= 54 (n,n') Level      30-Zn-64  
 Cross Section    -100.0 To 15.72 %

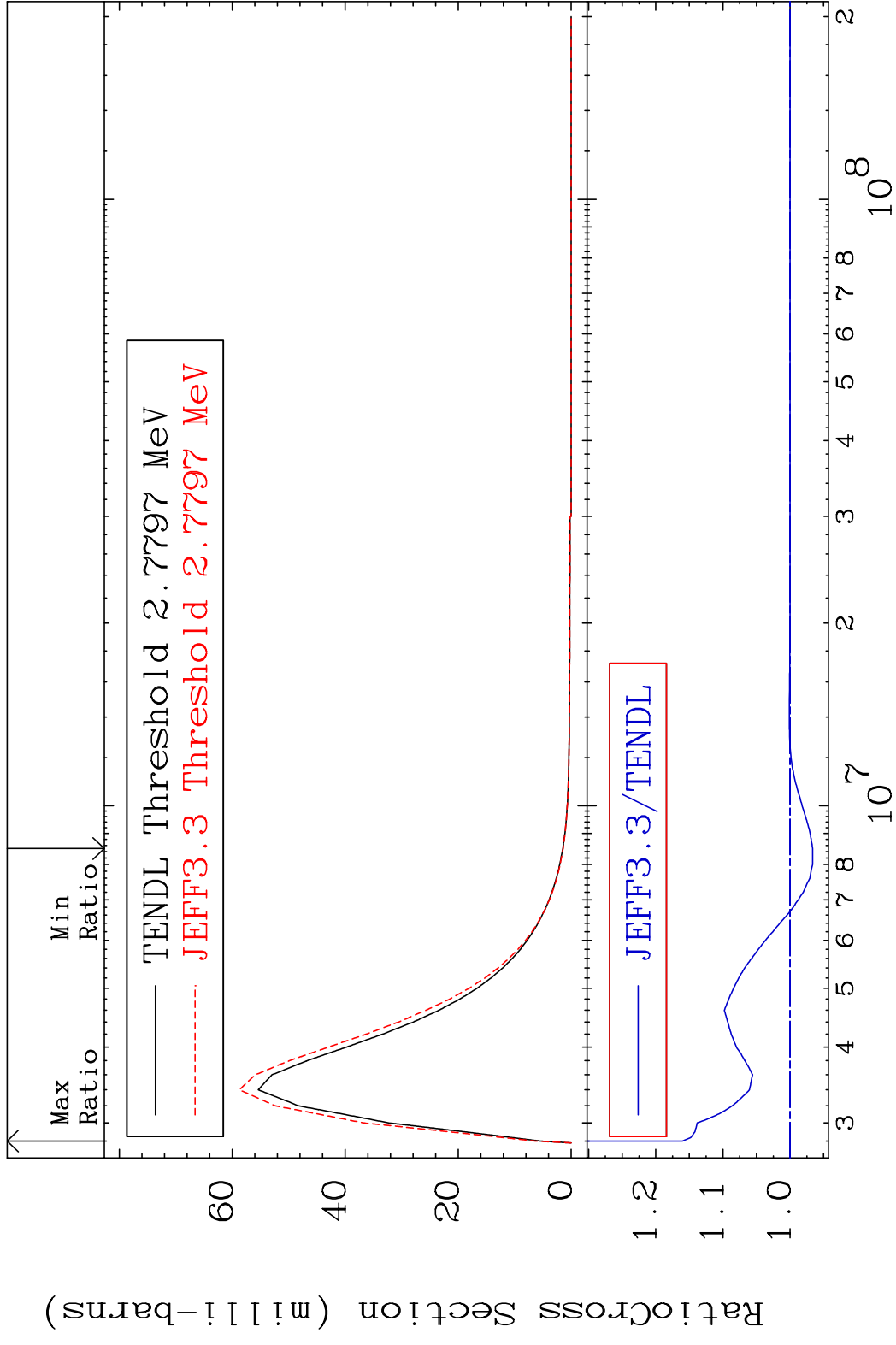




MAT 3025 MT= 55 (n, n') Level 30-Zn-64  
 Cross Section -3.589 To 56.51 %

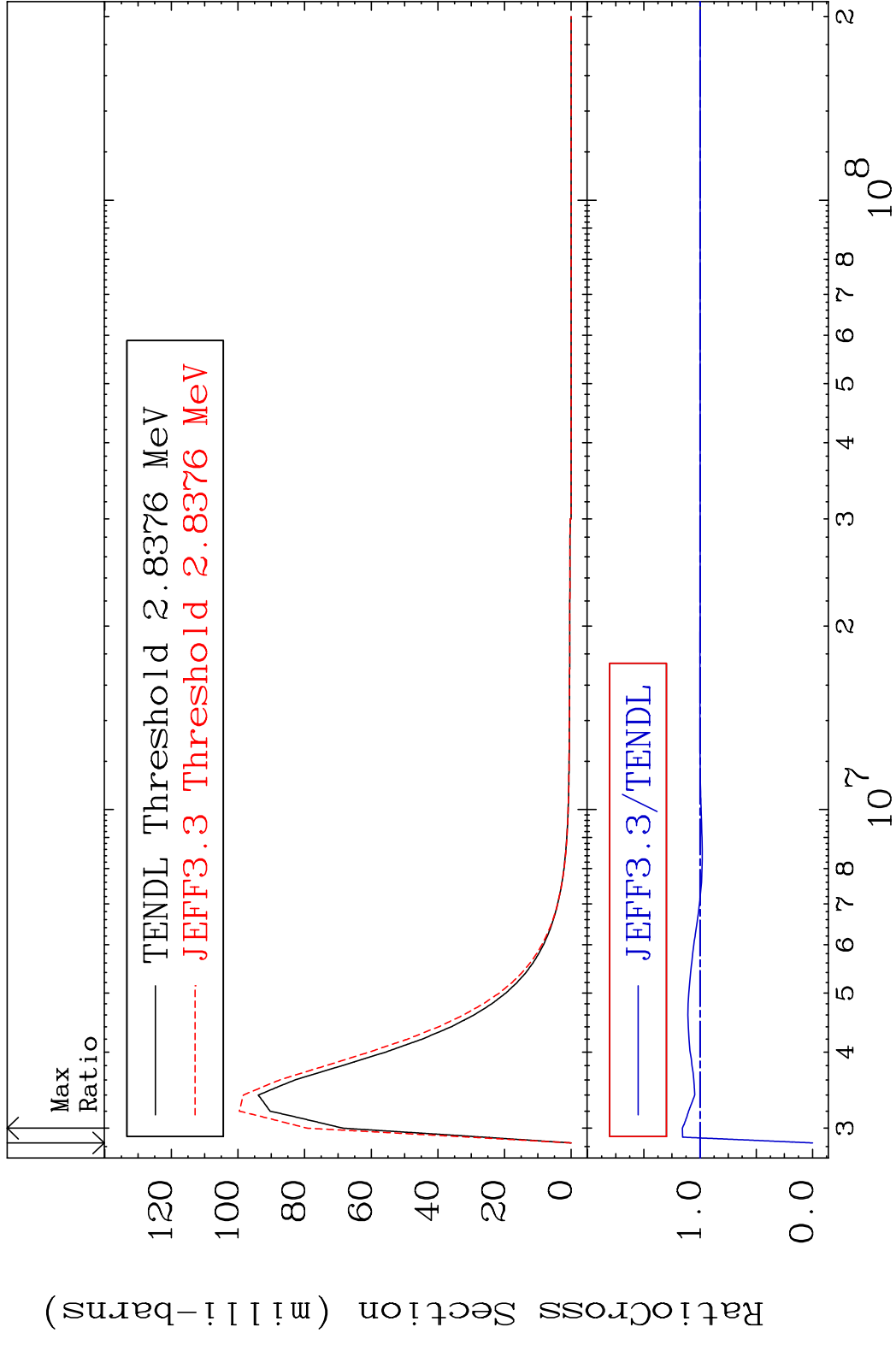


MAT 3025 MT= 56 (n,n') Level 30-Zn-64  
 Cross Section -3.347 To 16.04 %

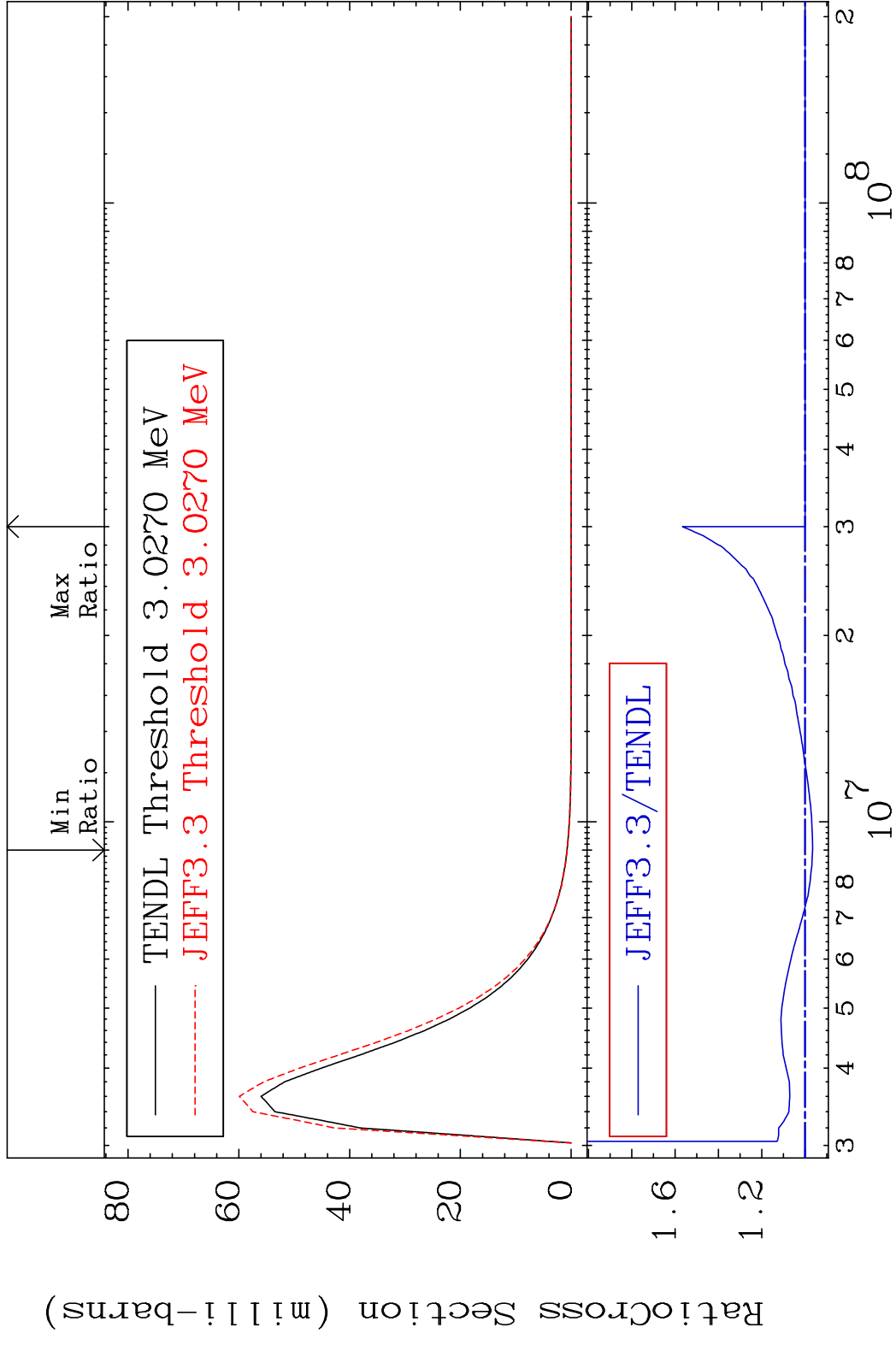


25 Incident Energy (eV) 30-Zn-64

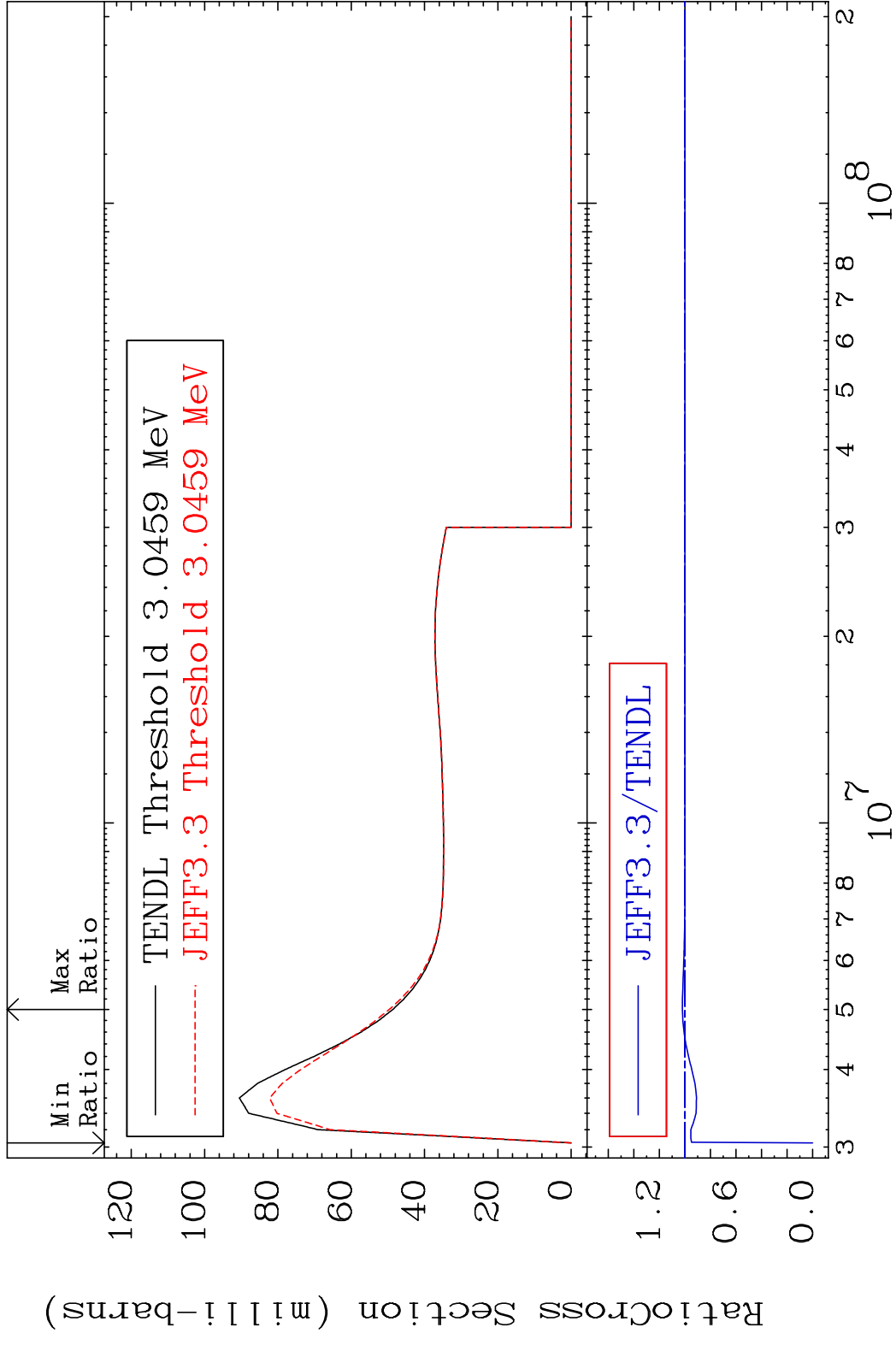
MAT 3025 MT= 57 (n, n') Level 30-Zn-64  
 Cross Section -100.0 To 15.75 %



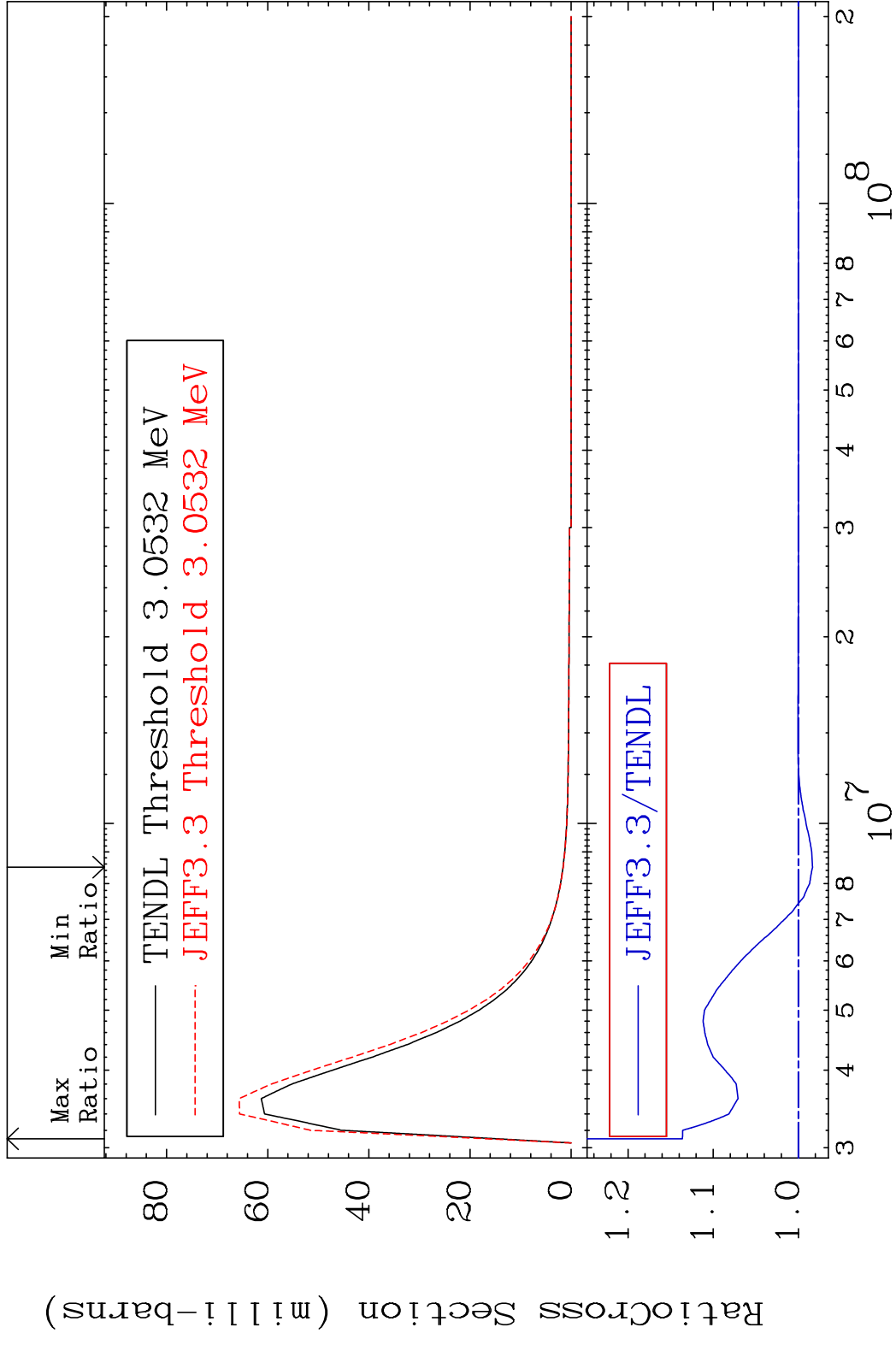
MAT 3025 MT= 58 (n, n') Level 30-Zn-64  
 Cross Section -3.499 To 56.63 %



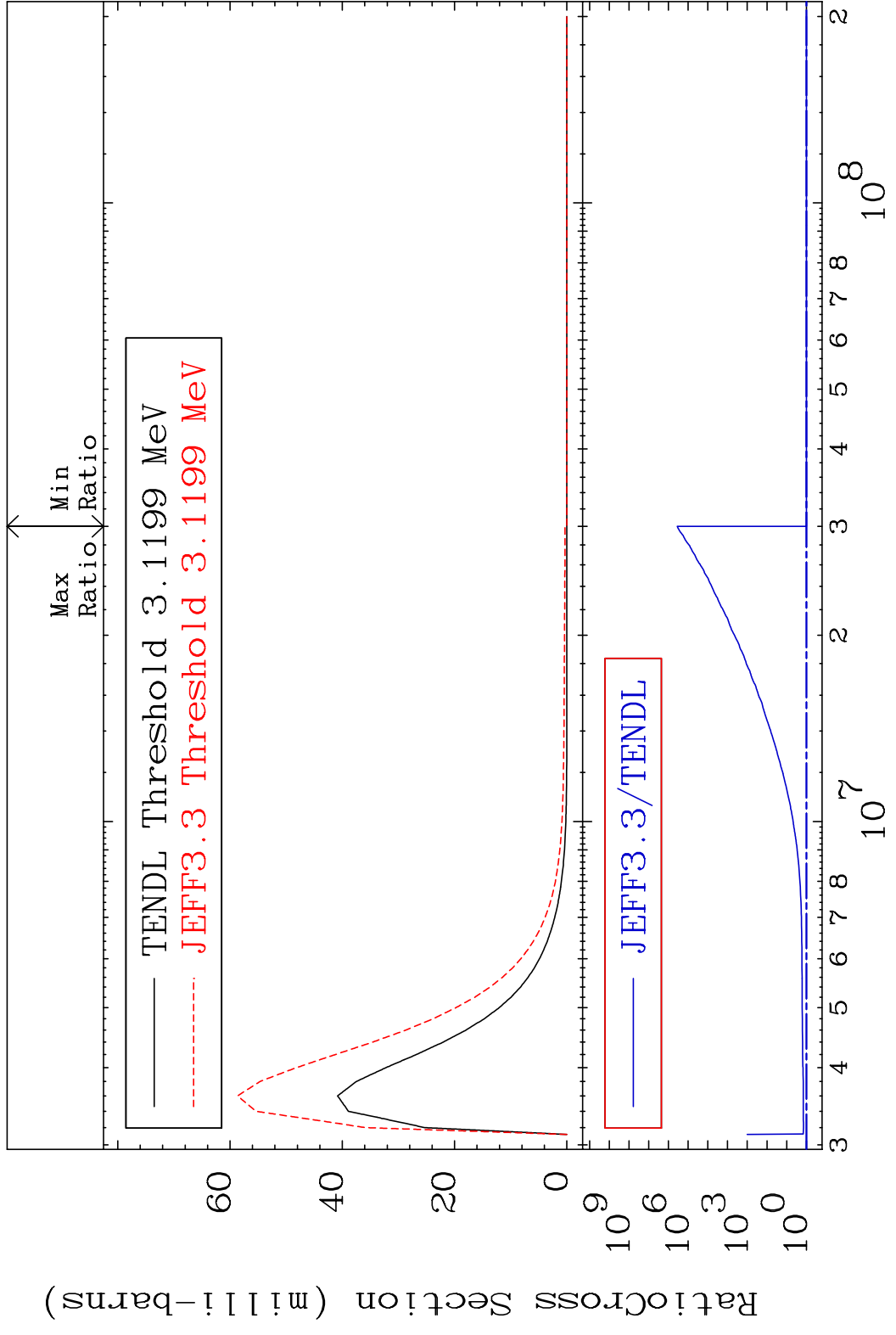
MAT 3025 MT= 59 (n,n') Level 30-Zn-64  
 Cross Section -100.0 To 1.950 %



MAT 3025 MT= 60 (n,n') Level 30-Zn-64  
 Cross Section -1.666 To 13.62 %

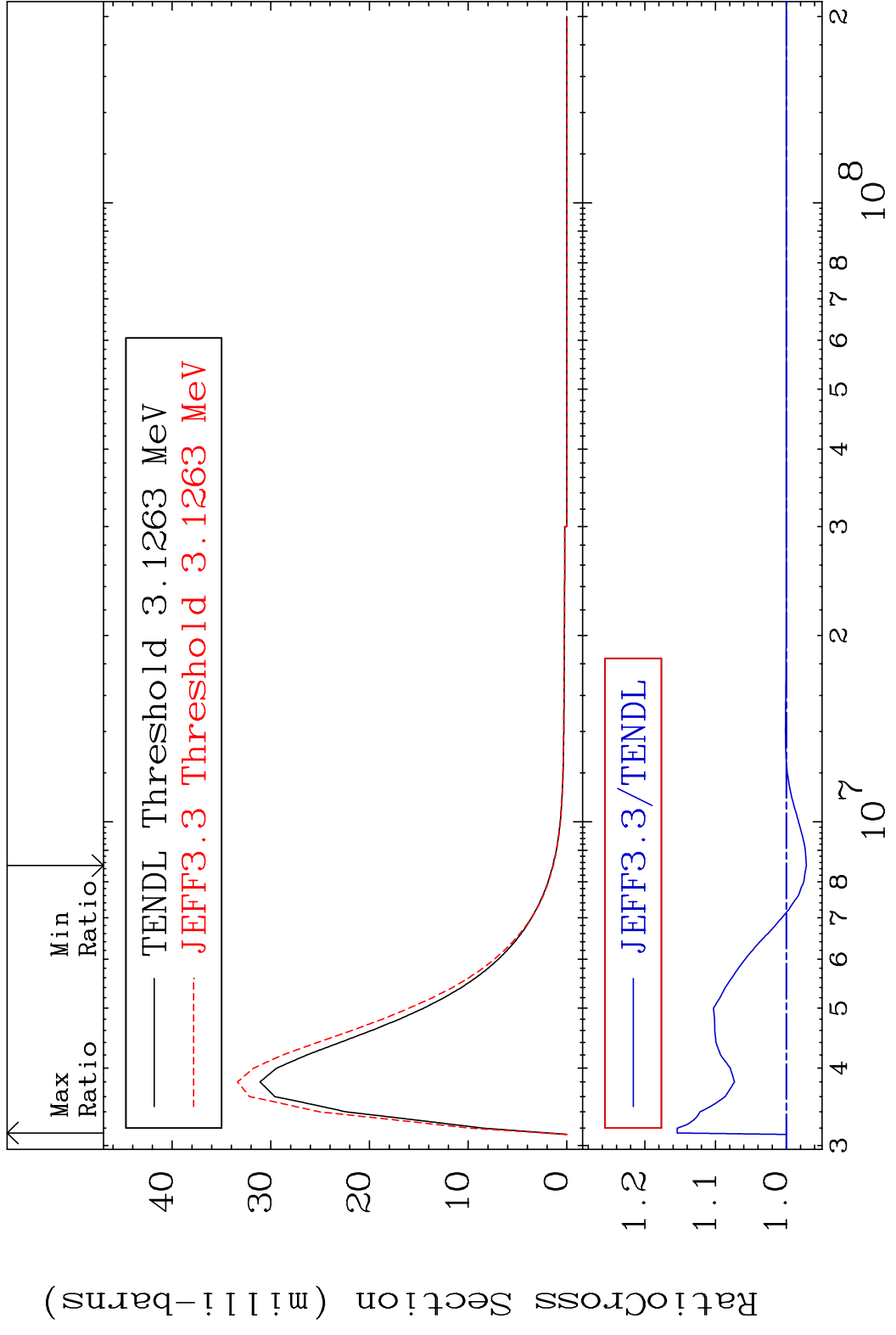


MAT 3025 MT= 61 (n, n') Level 30-Zn-64  
 Cross Section 0.000 To 9999. %



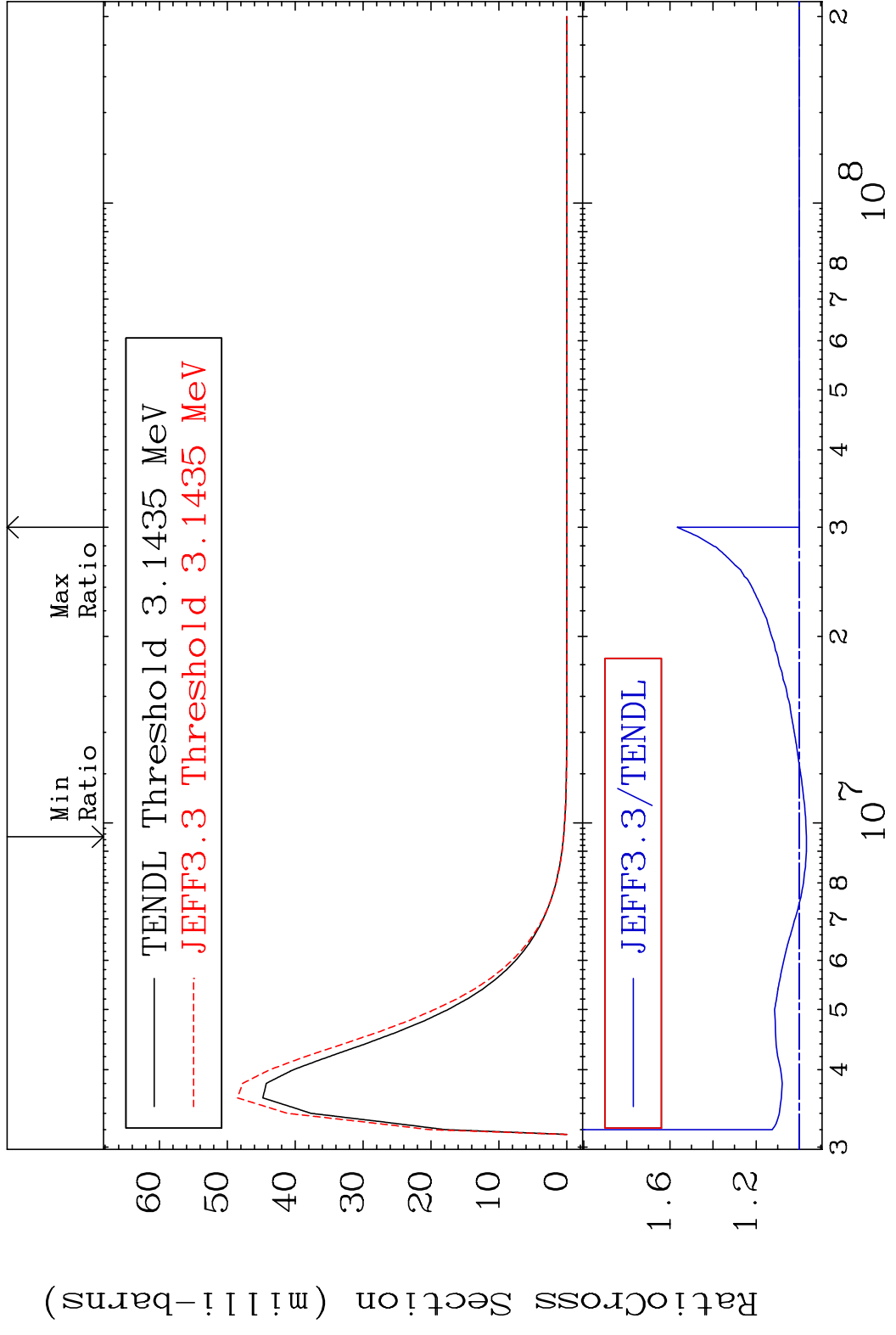
30 Incident Energy (eV) 30-Zn-64

MAT 3025 MT= 62 (n,n') Level 30-Zn-64  
 Cross Section -2.838 To 15.43 %

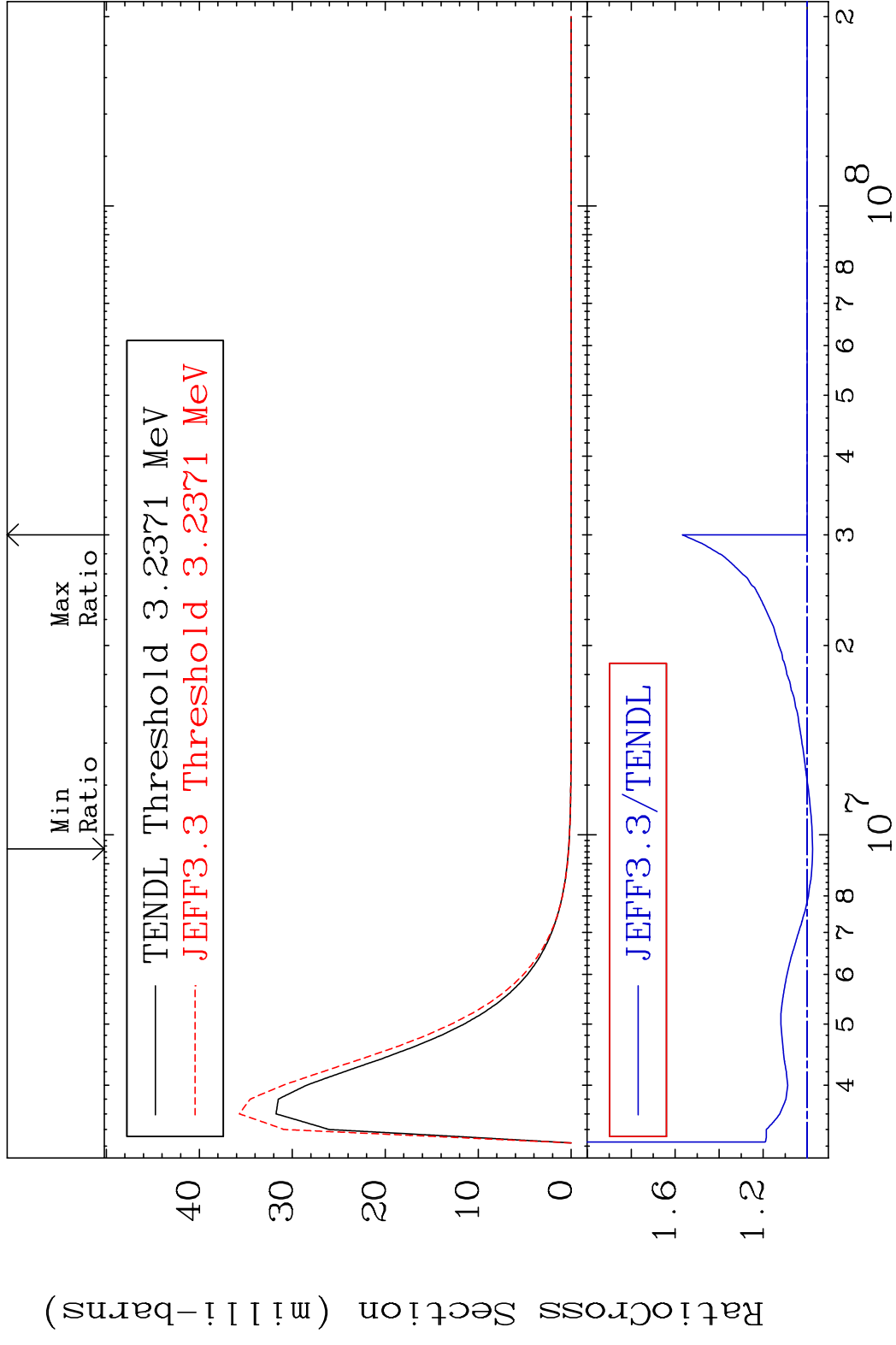




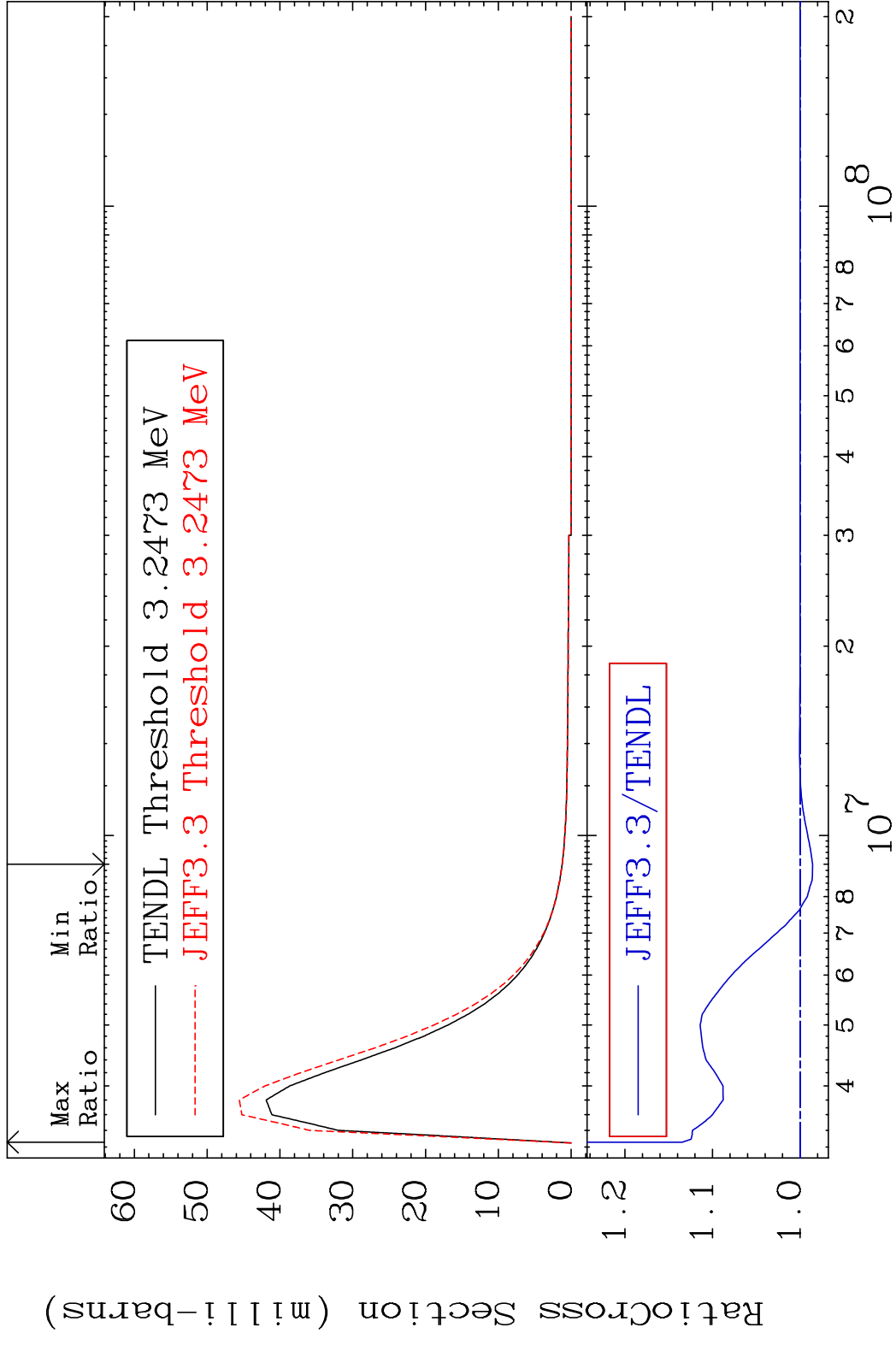
MAT 3025 MT= 63 (n, n') Level 30-Zn-64  
 Cross Section -3.327 To 56.63 %



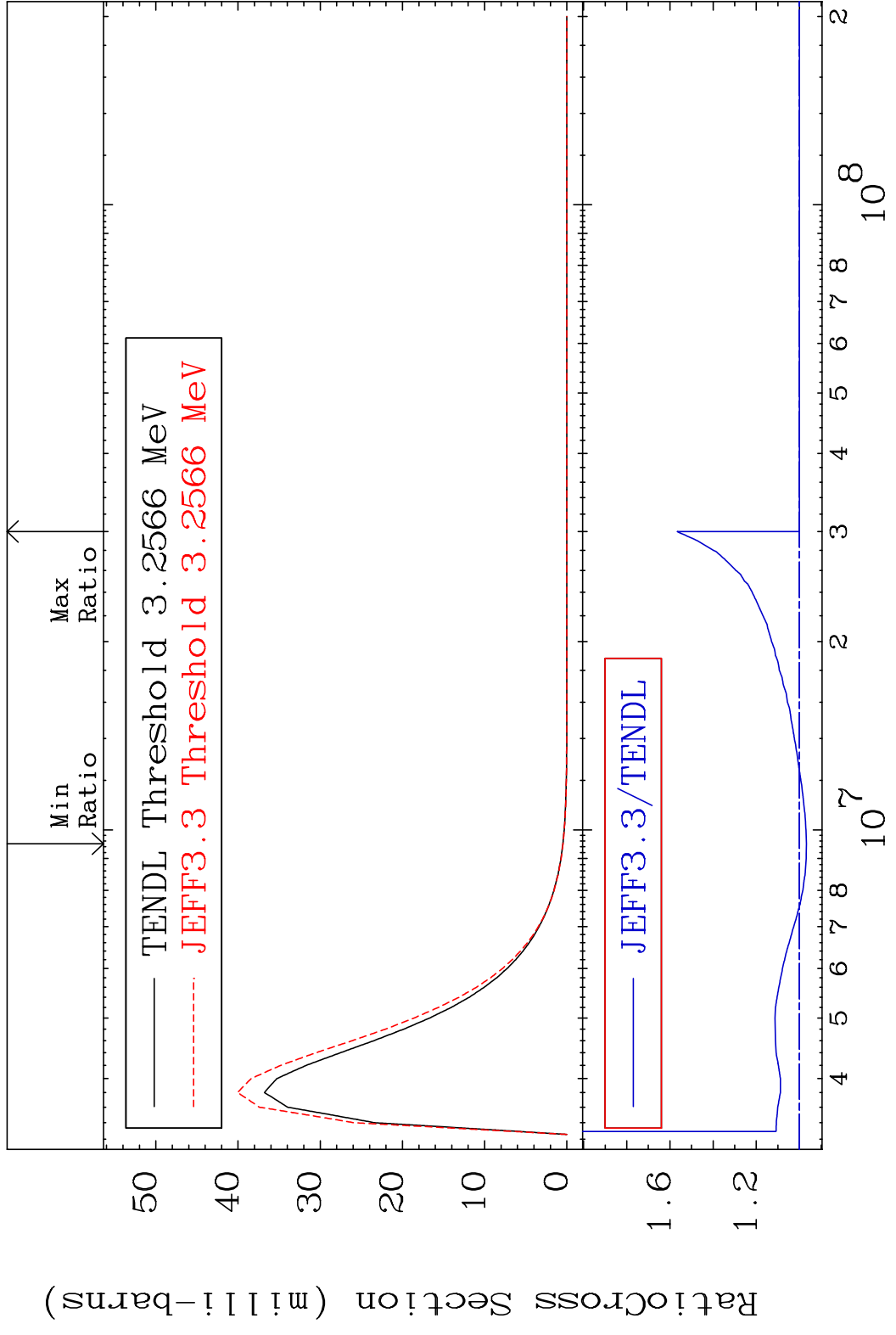
MAT 3025 MT= 64 (n, n') Level 30-Zn-64  
 Cross Section -2.463 To 56.74 %



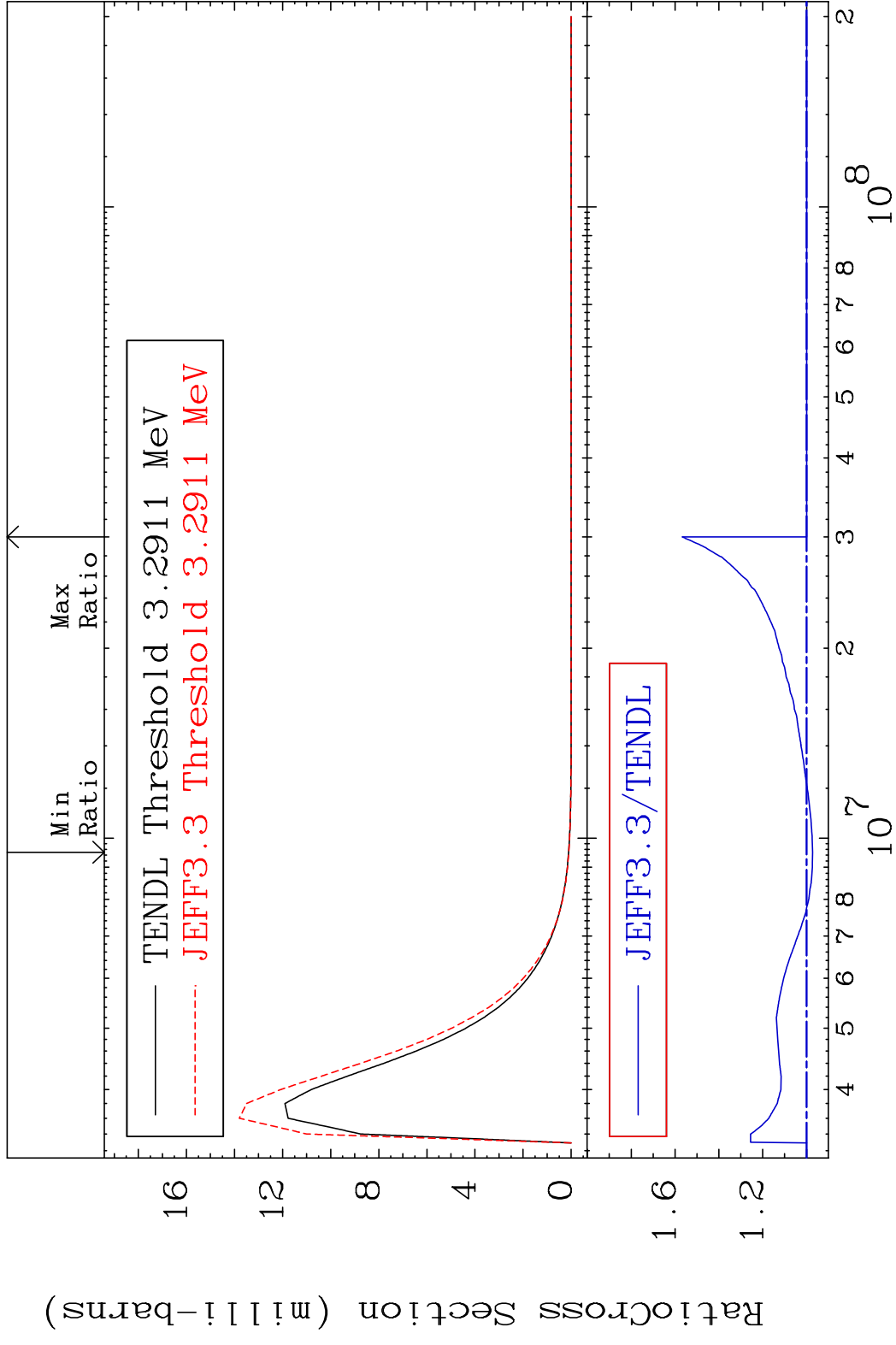
MAT 3025 MT= 65 (n,n') Level 30-Zn-64  
 Cross Section -1.419 To 13.45 %



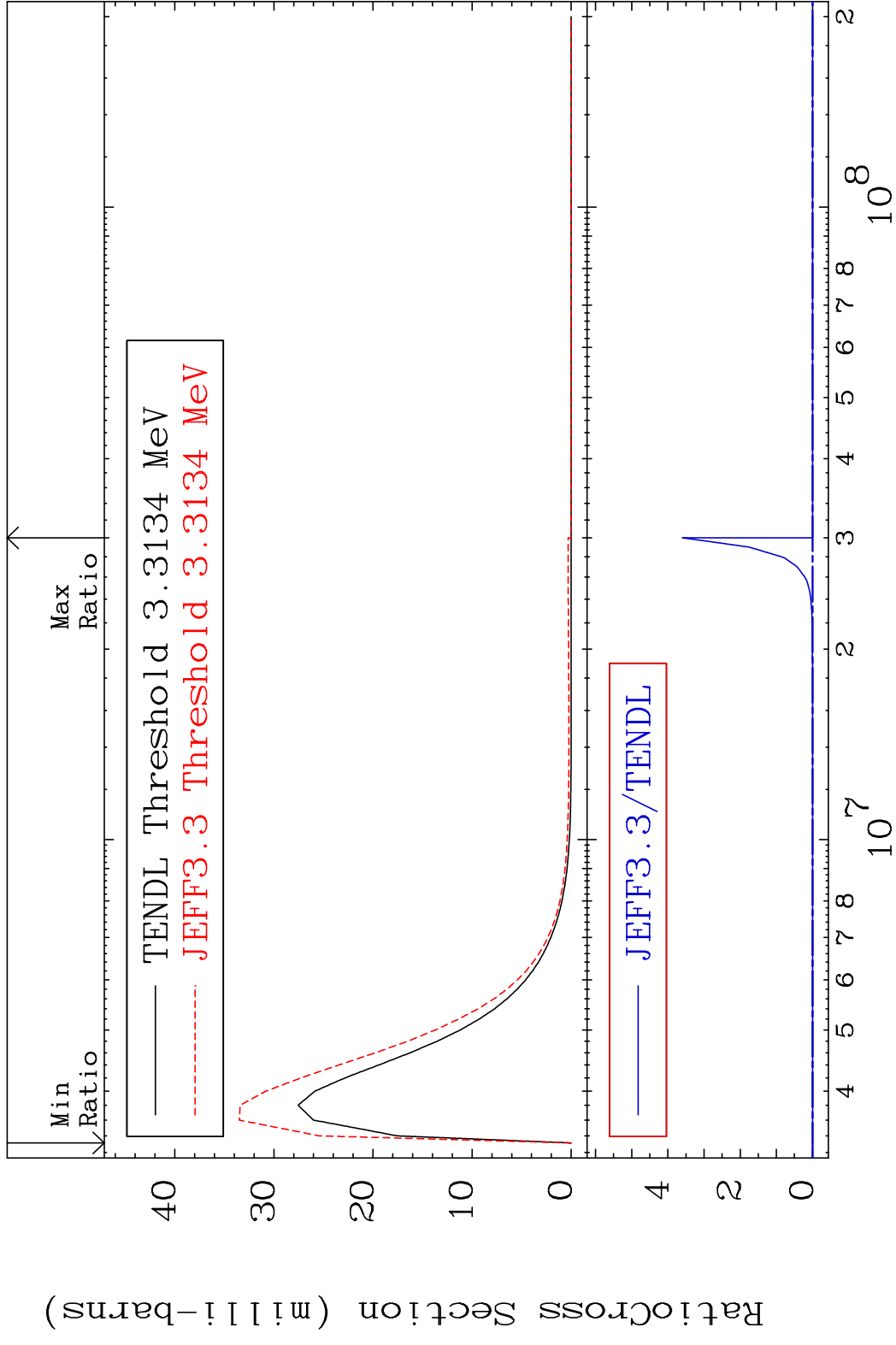
MAT 3025 MT= 66 (n, n') Level 30-Zn-64  
 Cross Section -3.202 To 56.64 %



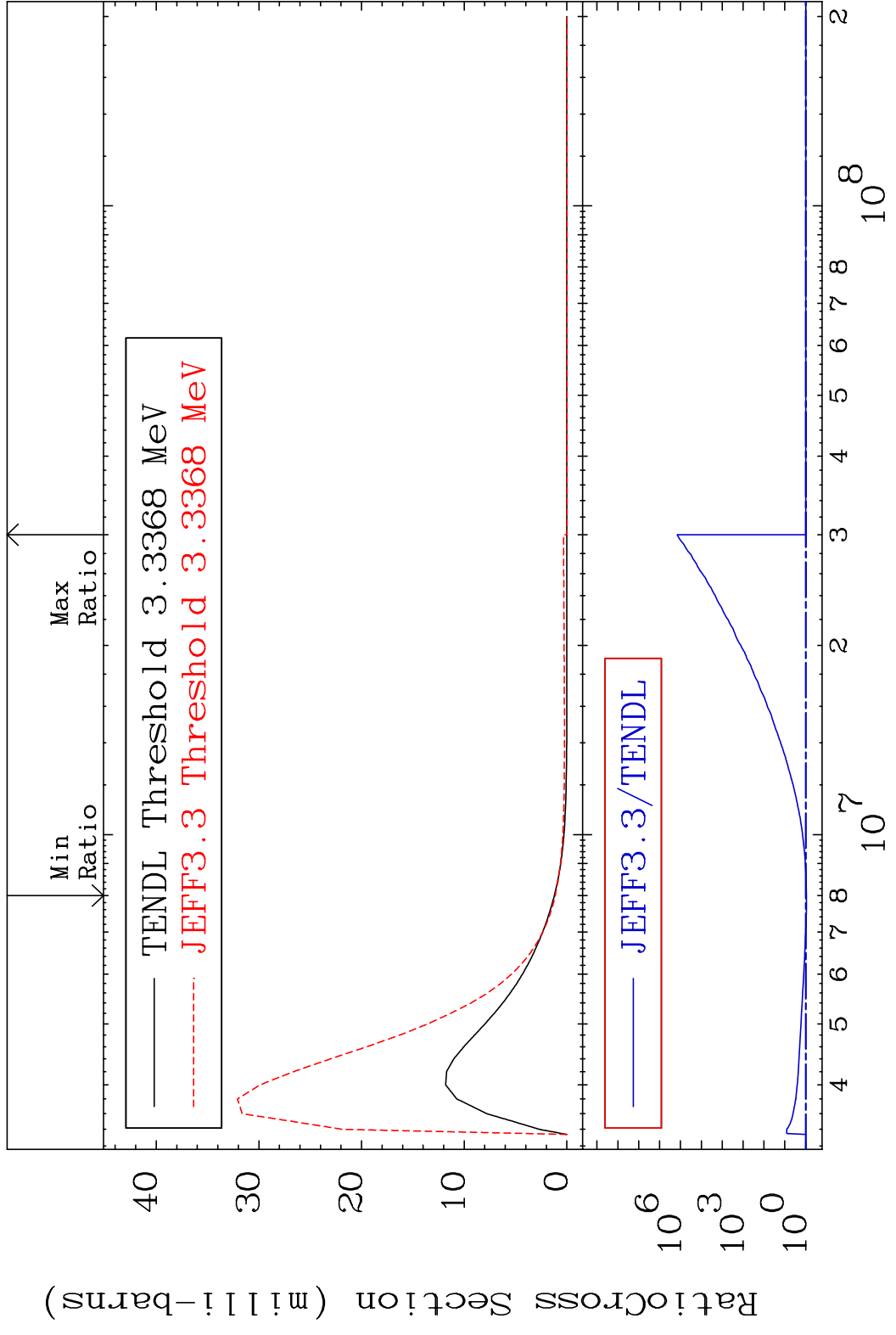
MAT 3025 MT= 67 (n, n') Level 30-Zn-64  
 Cross Section -2.733 To 56.67 %



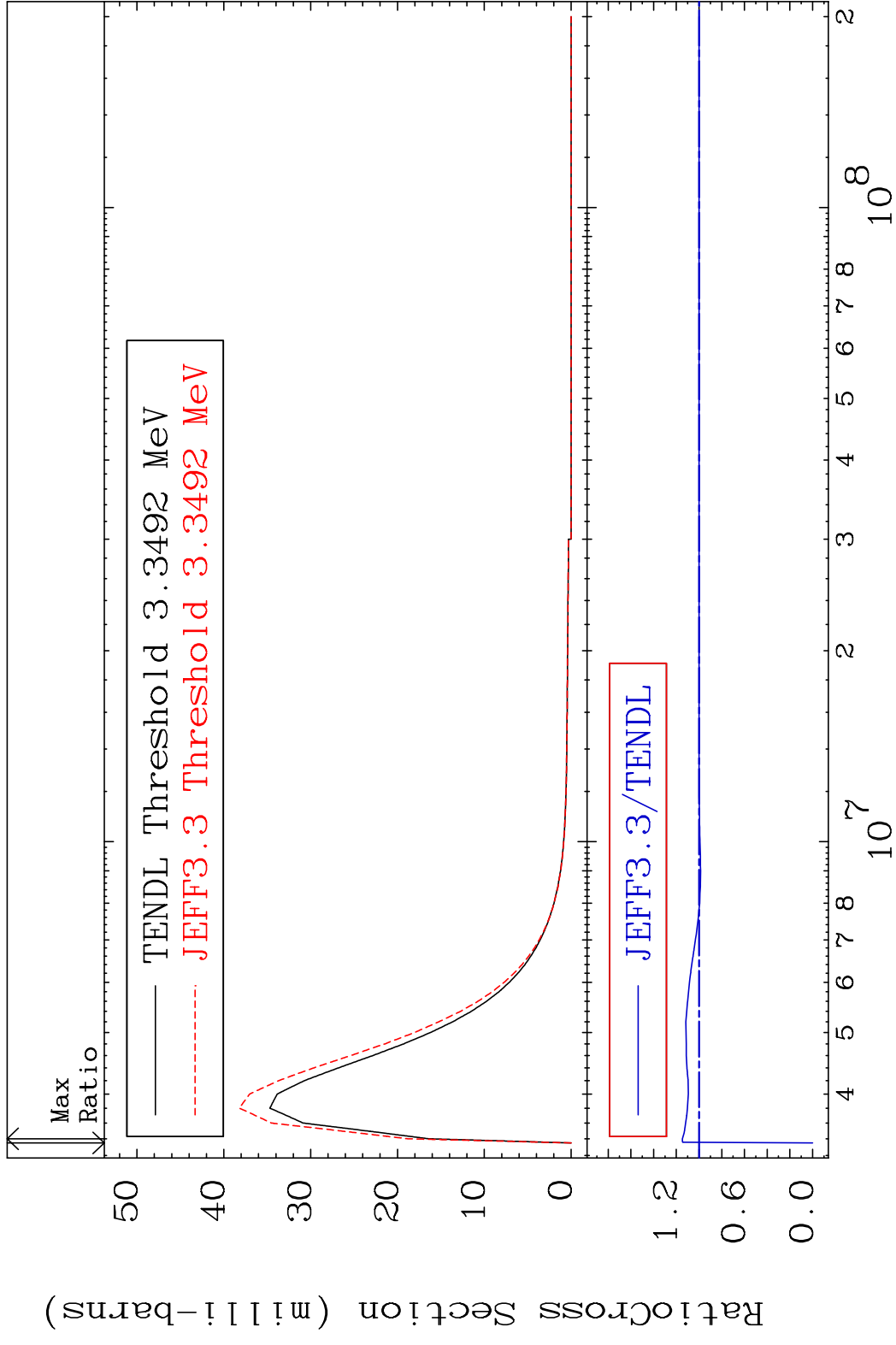
MAT 3025 MT= 68 (n, n') Level 30-Zn-64  
 Cross Section -100.0 To 9999. %



MAT 3025 MT= 69 (n, n') Level 30-Zn-64  
 Cross Section -7.371 To 9999. %

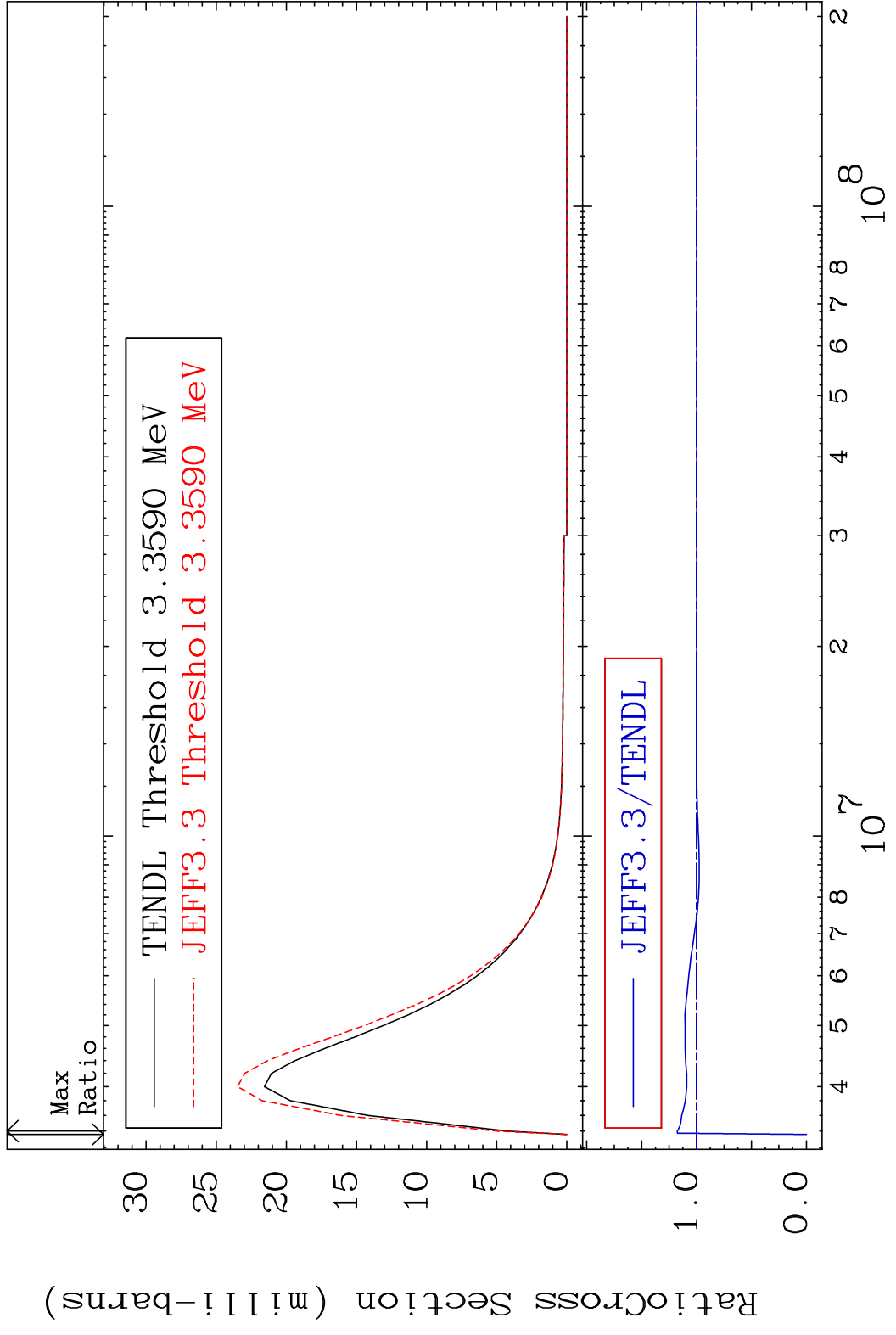


MAT 3025 MT= 70 (n,n') Level 30-Zn-64  
 Cross Section -100.0 To 14.68 %





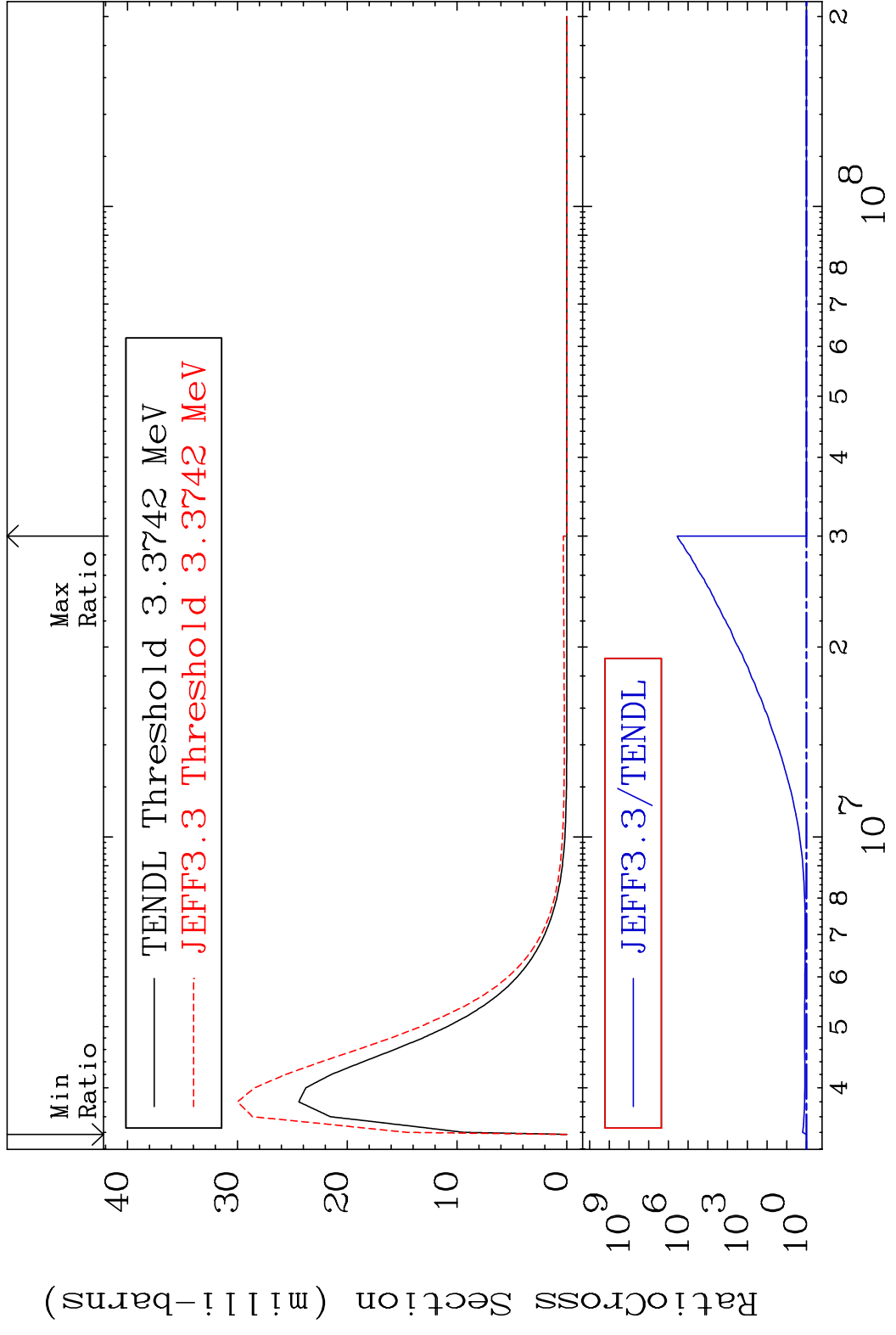
MAT 3025 MT= 71 (n,n') Level 30-Zn-64  
 Cross Section -100.0 To 17.67 %



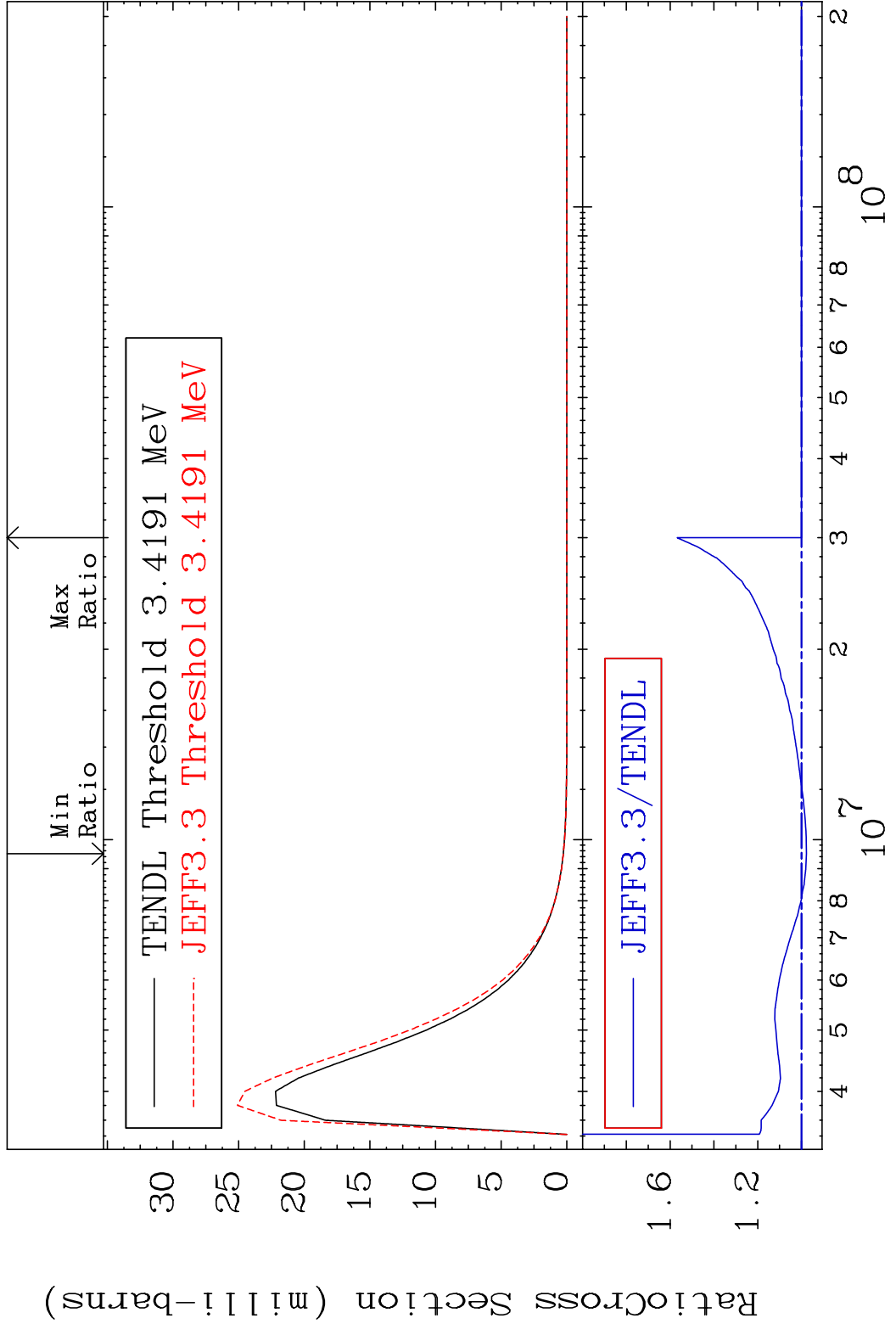
40

30-Zn-64

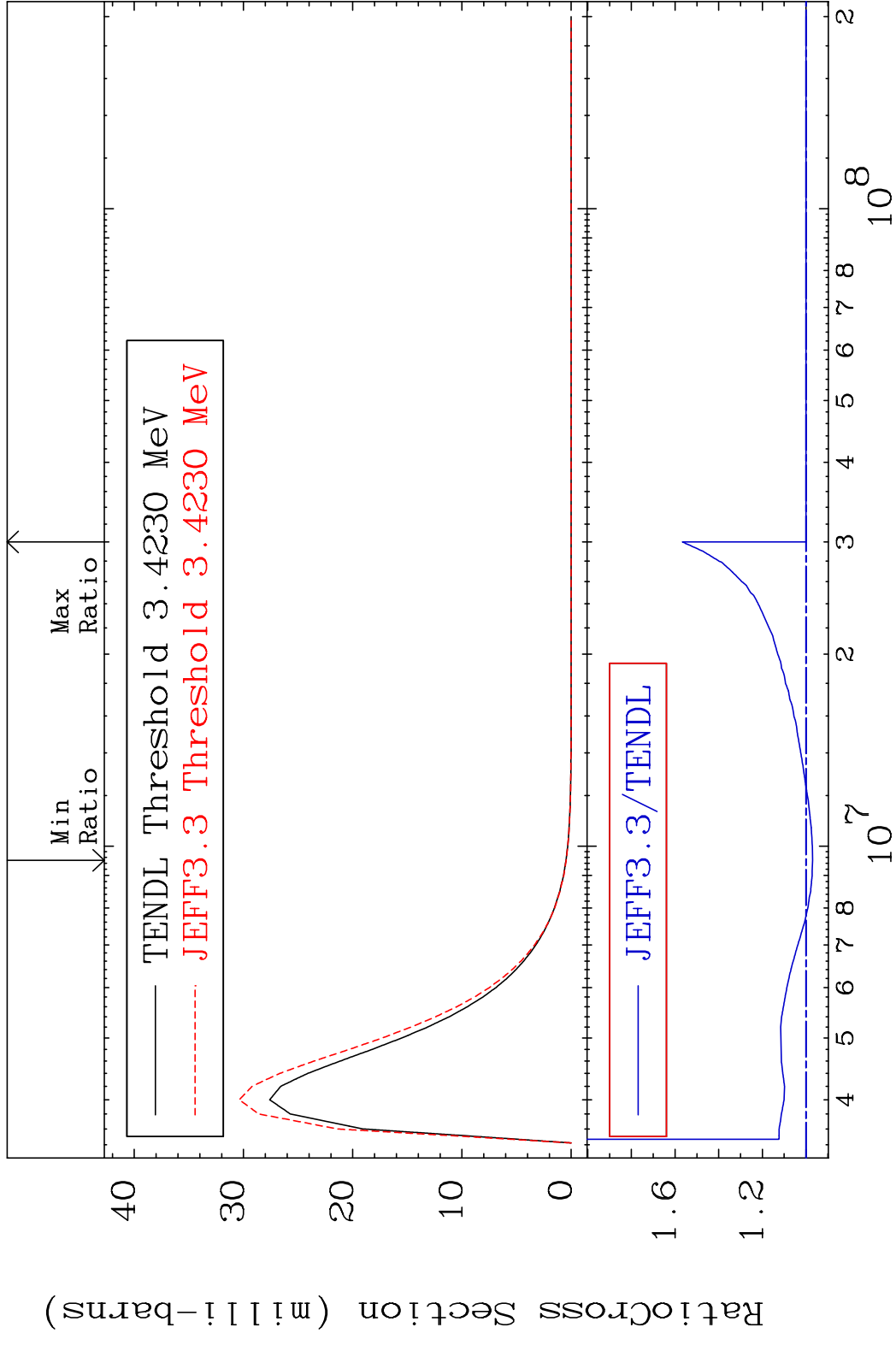
MAT 3025 MT= 72 (n, n') Level 30-Zn-64  
 Cross Section 0.000 To 9999. %



MAT 3025 MT= 73 (n, n') Level 30-Zn-64  
 Cross Section -2.250 To 56.77 %

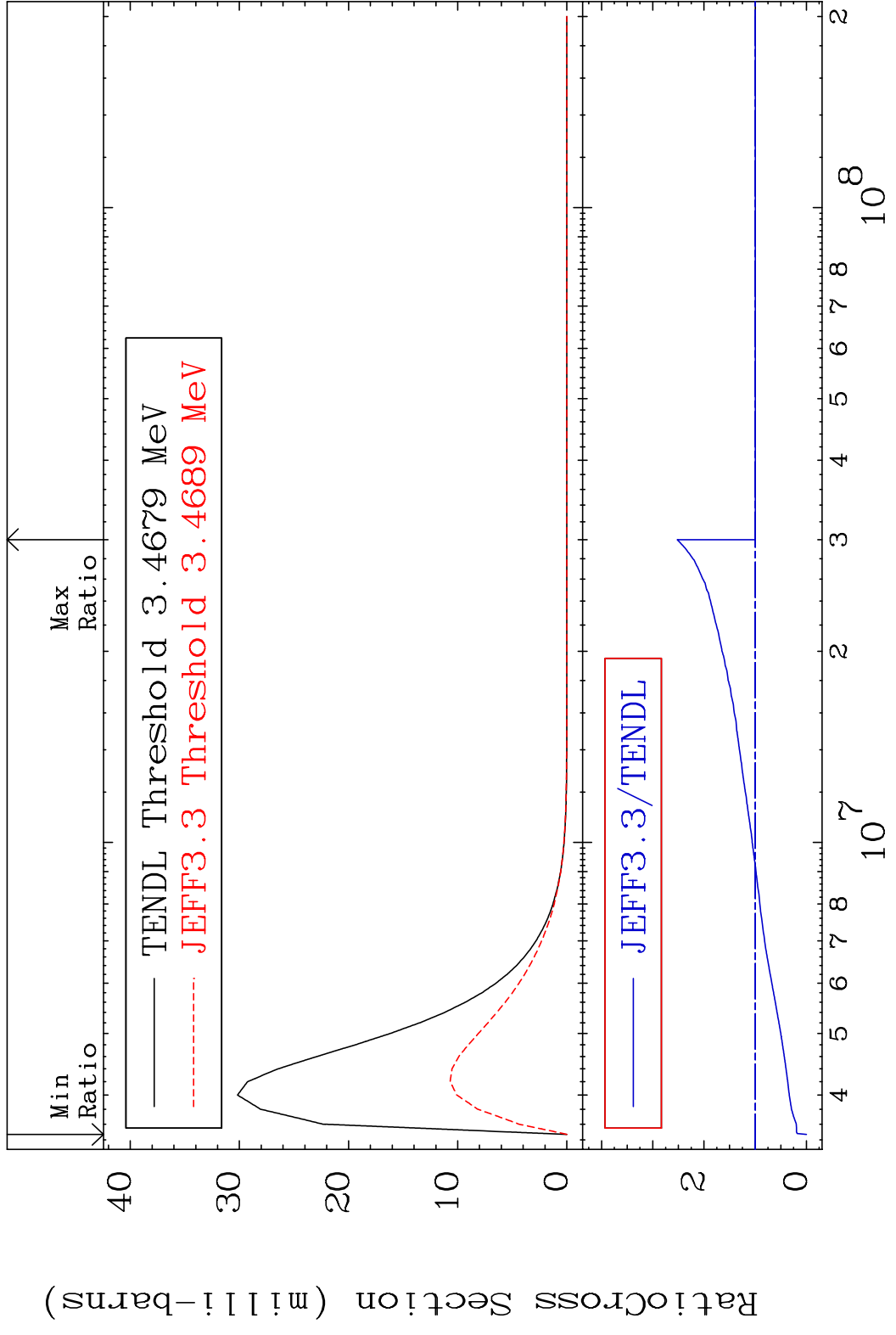


MAT 3025 MT= 74 (n, n') Level 30-Zn-64  
 Cross Section -2.994 To 56.65 %

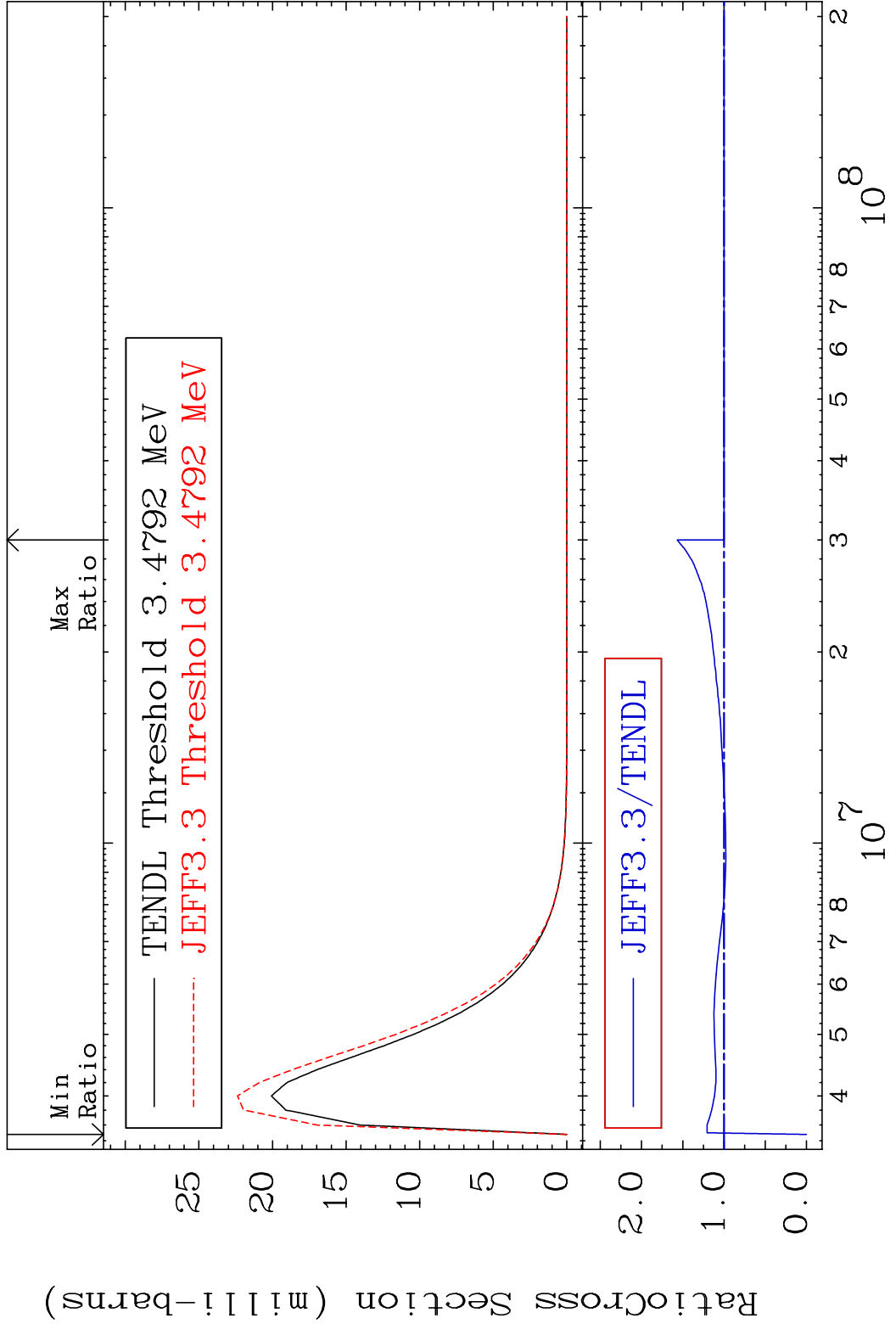


43 Incident Energy (eV) 30-Zn-64

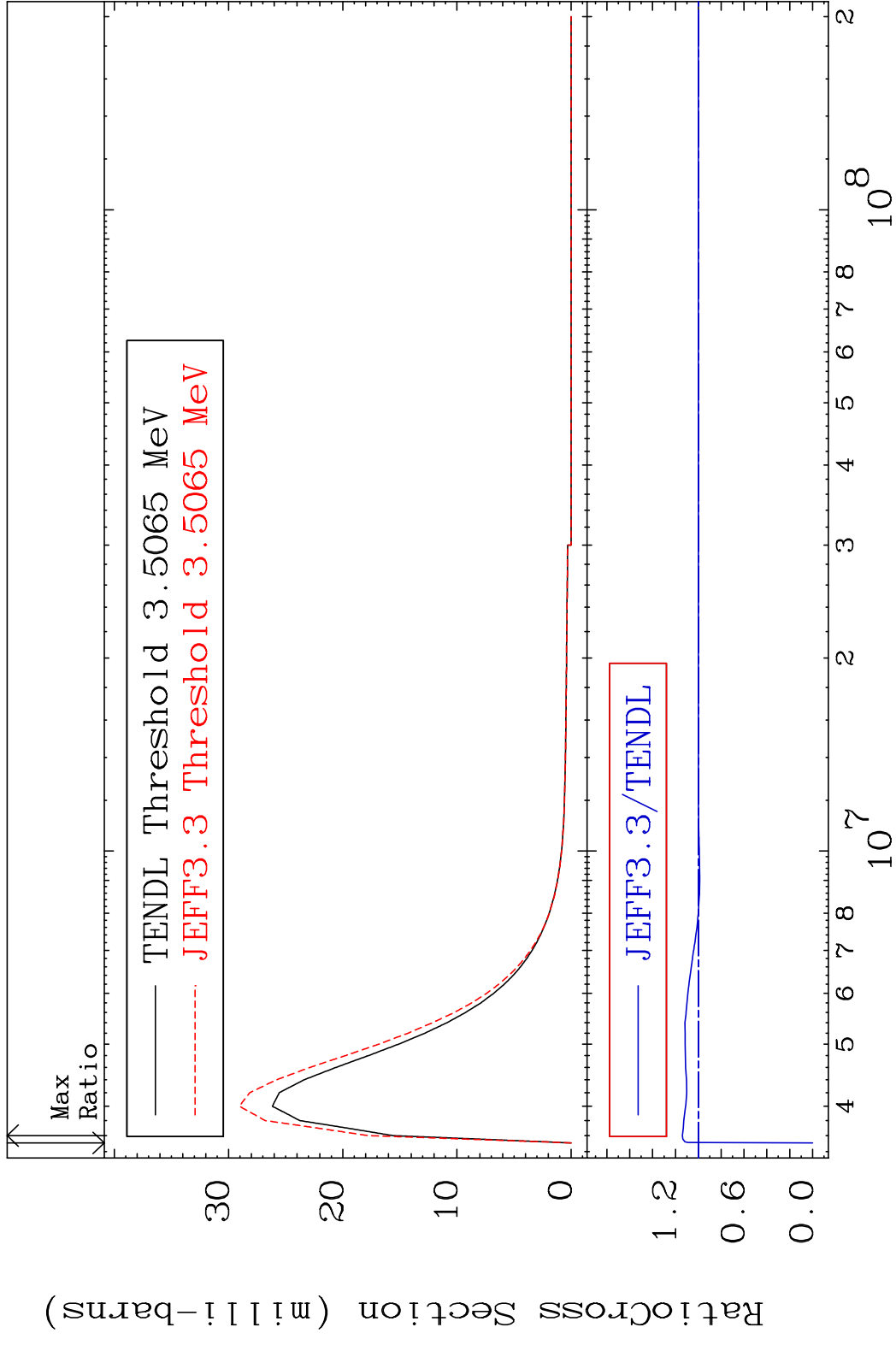
MAT 3025      MT= 75 (n, n') Level      30-Zn-64  
 Cross Section    -100.0 To 152.4 %



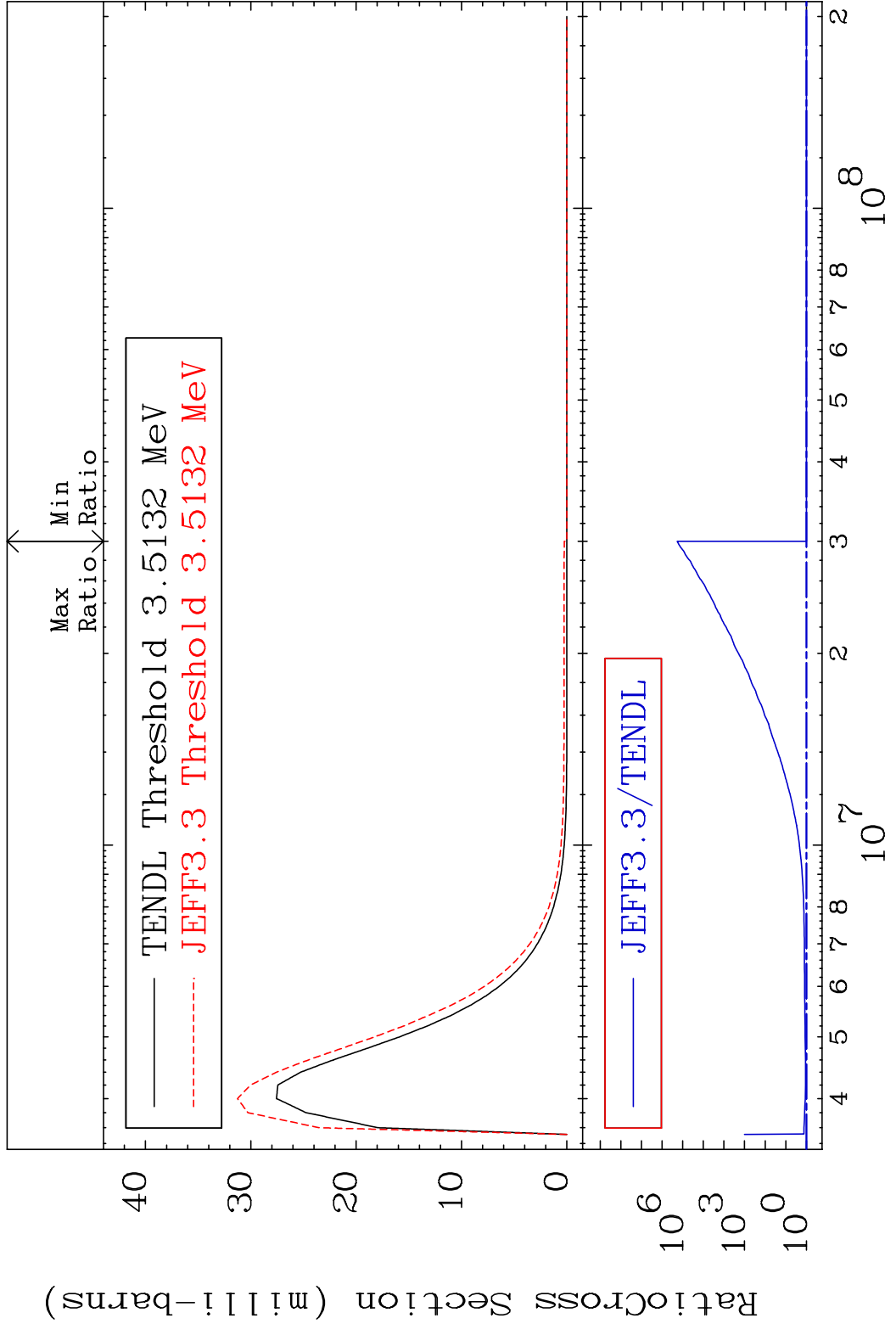
MAT 3025 MT= 76 (n, n') Level 30-Zn-64  
 Cross Section -100.0 To 56.77 %



MAT 3025 MT= 77 (n,n') Level 30-Zn-64  
 Cross Section -100.0 To 13.97 %



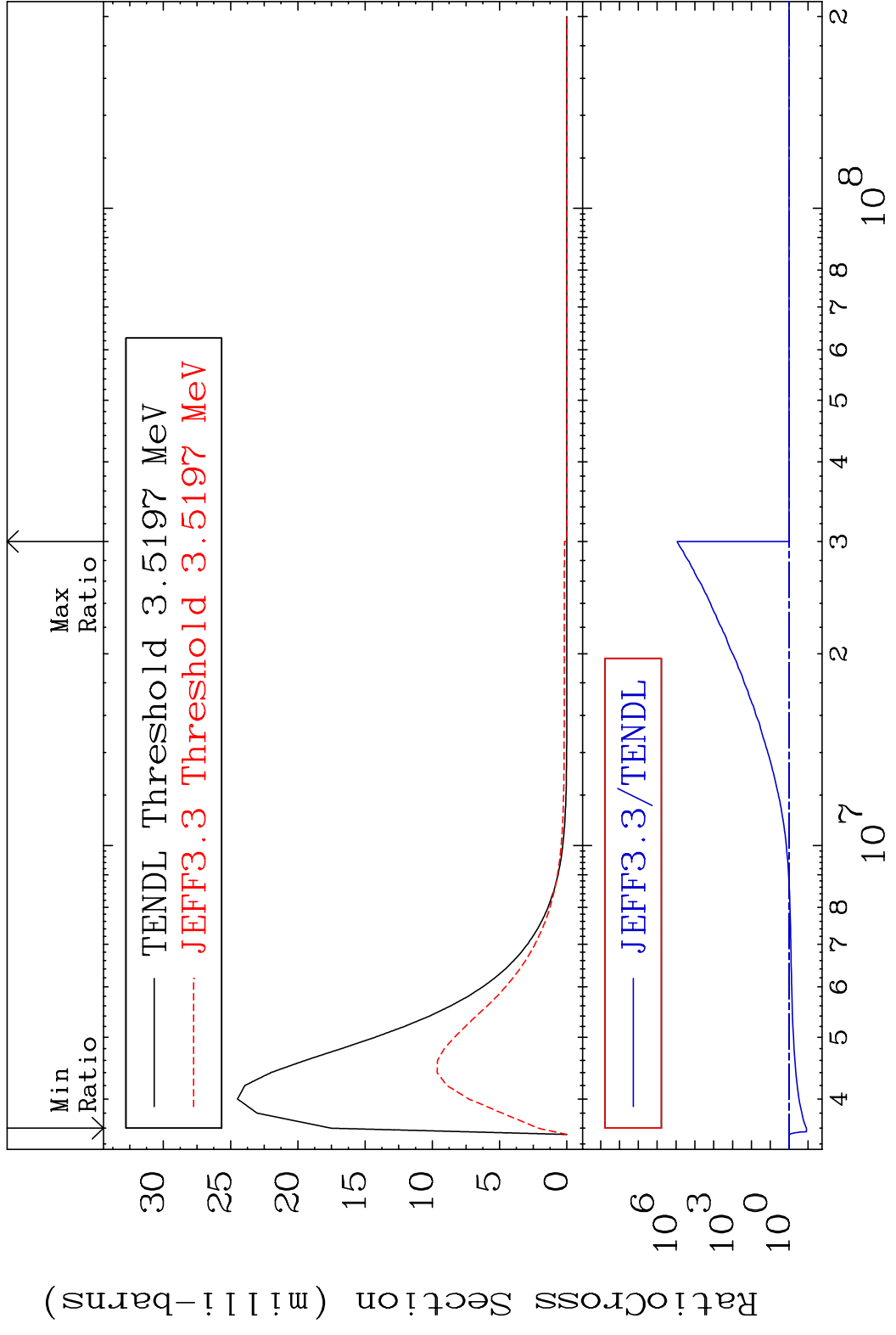
MAT 3025 MT= 78 (n, n') Level 30-Zn-64  
 Cross Section 0.000 To 9999. %



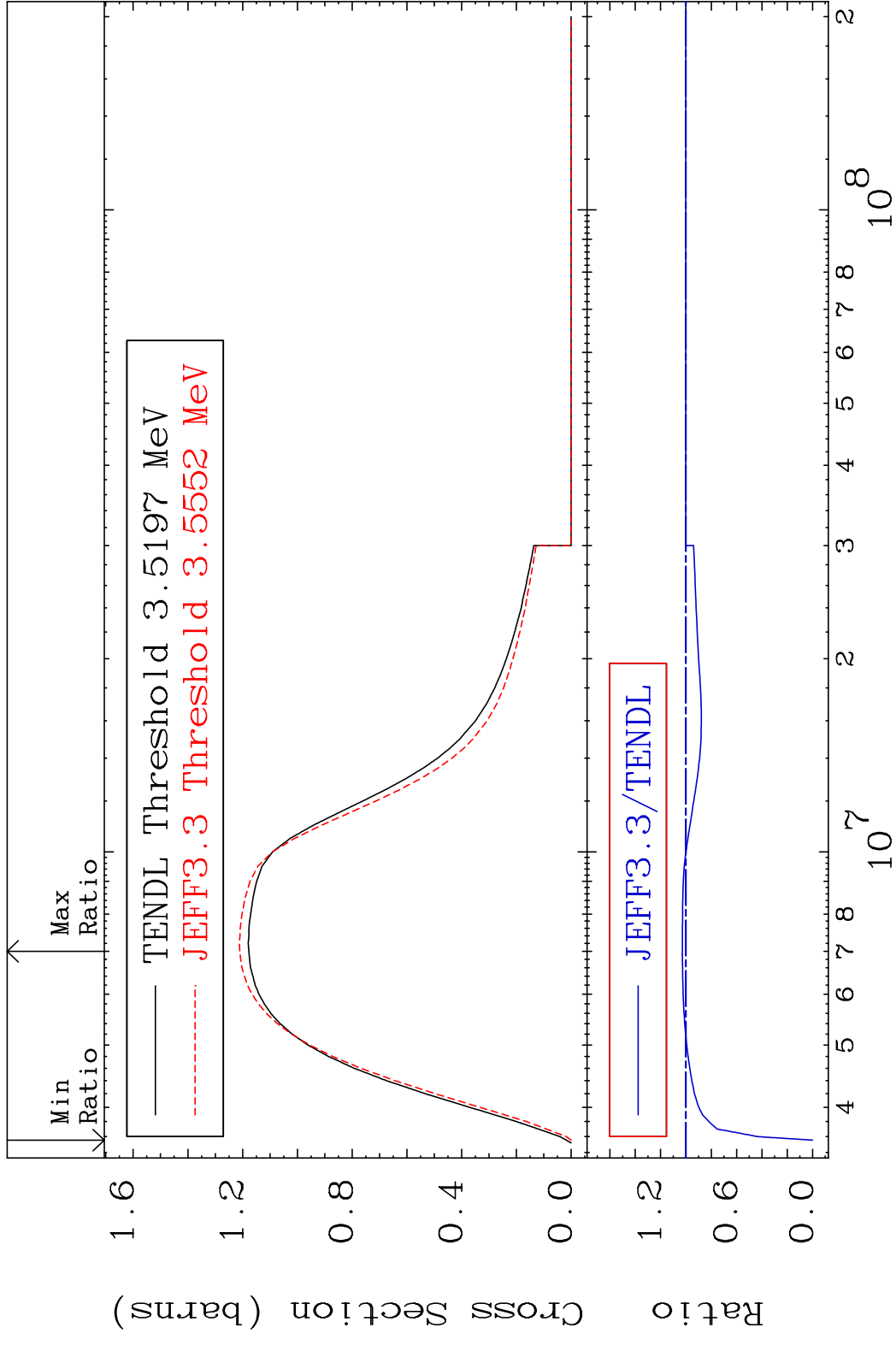
47 Incident Energy (eV) 30-Zn-64



MAT 3025 MT= 79 (n, n') Level 30-Zn-64  
 Cross Section -87.93 To 9999. %



MAT 3025 (n,n') Continuum 30-Zn-64  
 Cross Section -100.0 To 2.817 %



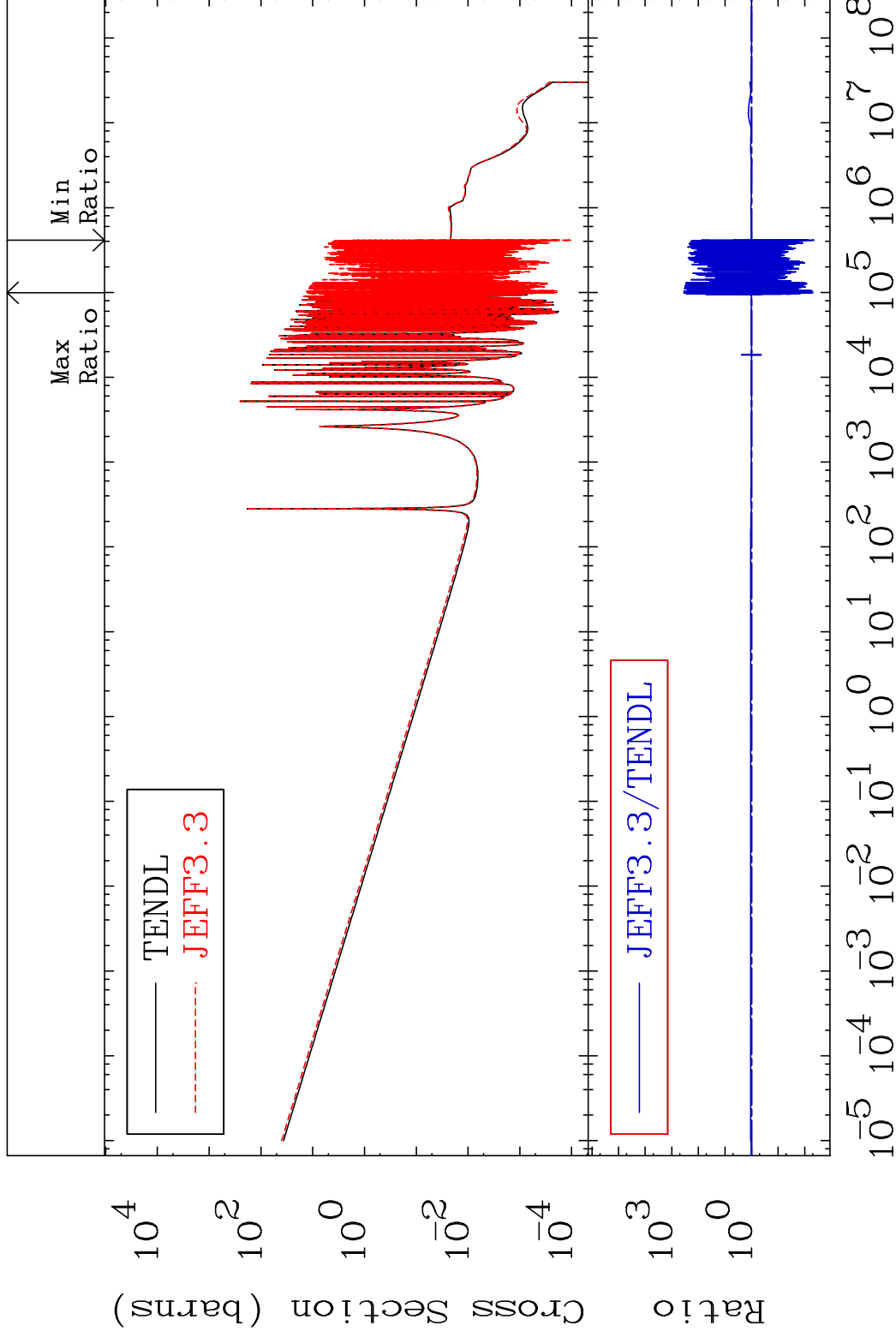
MAT 3025

(n,  $\gamma$ )

30-Zn-64

Cross Section

-99.56 To 9999. %



50

Incident Energy (eV)

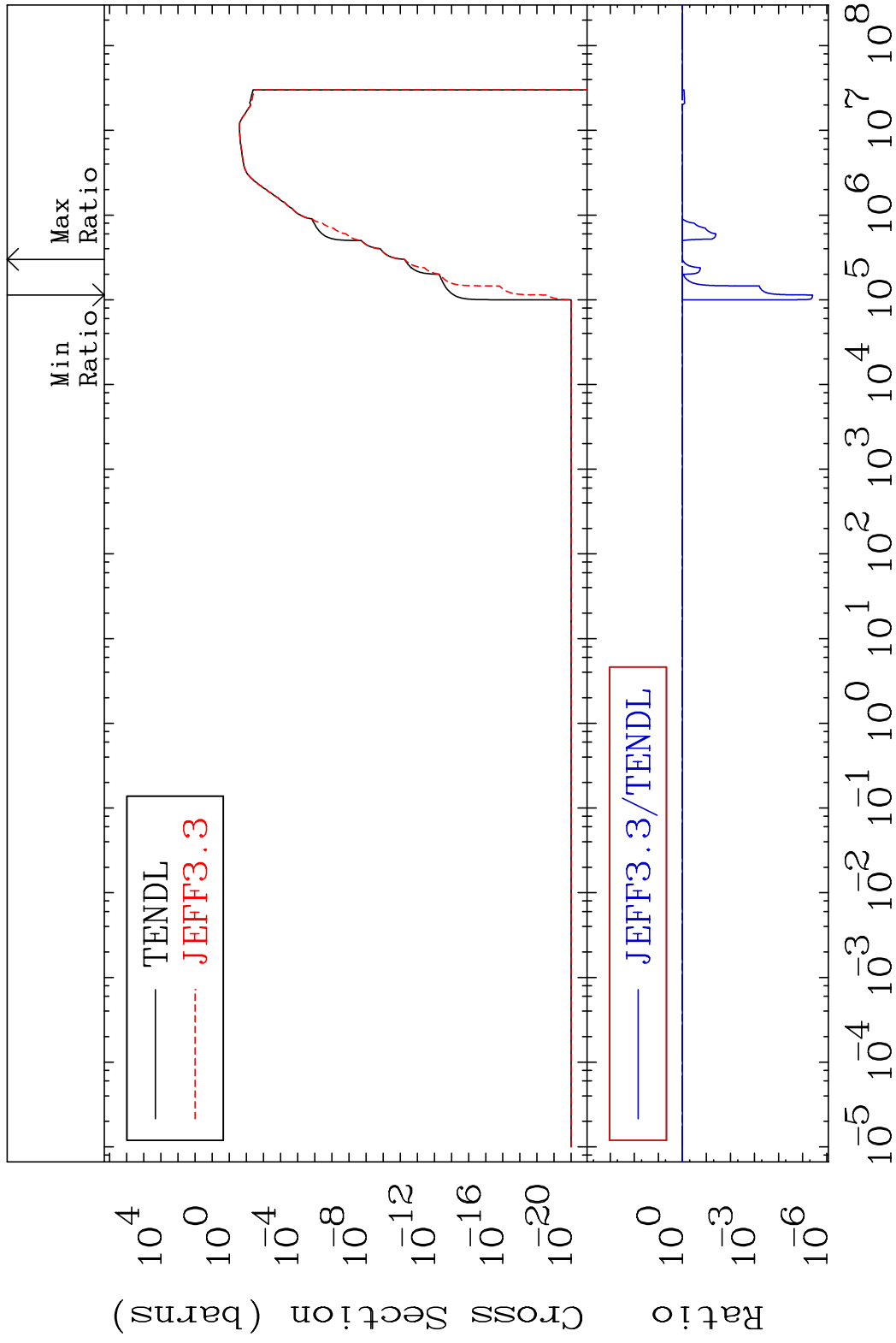
30-Zn-64

MAT 3025

(n, p)

30-Zn-64

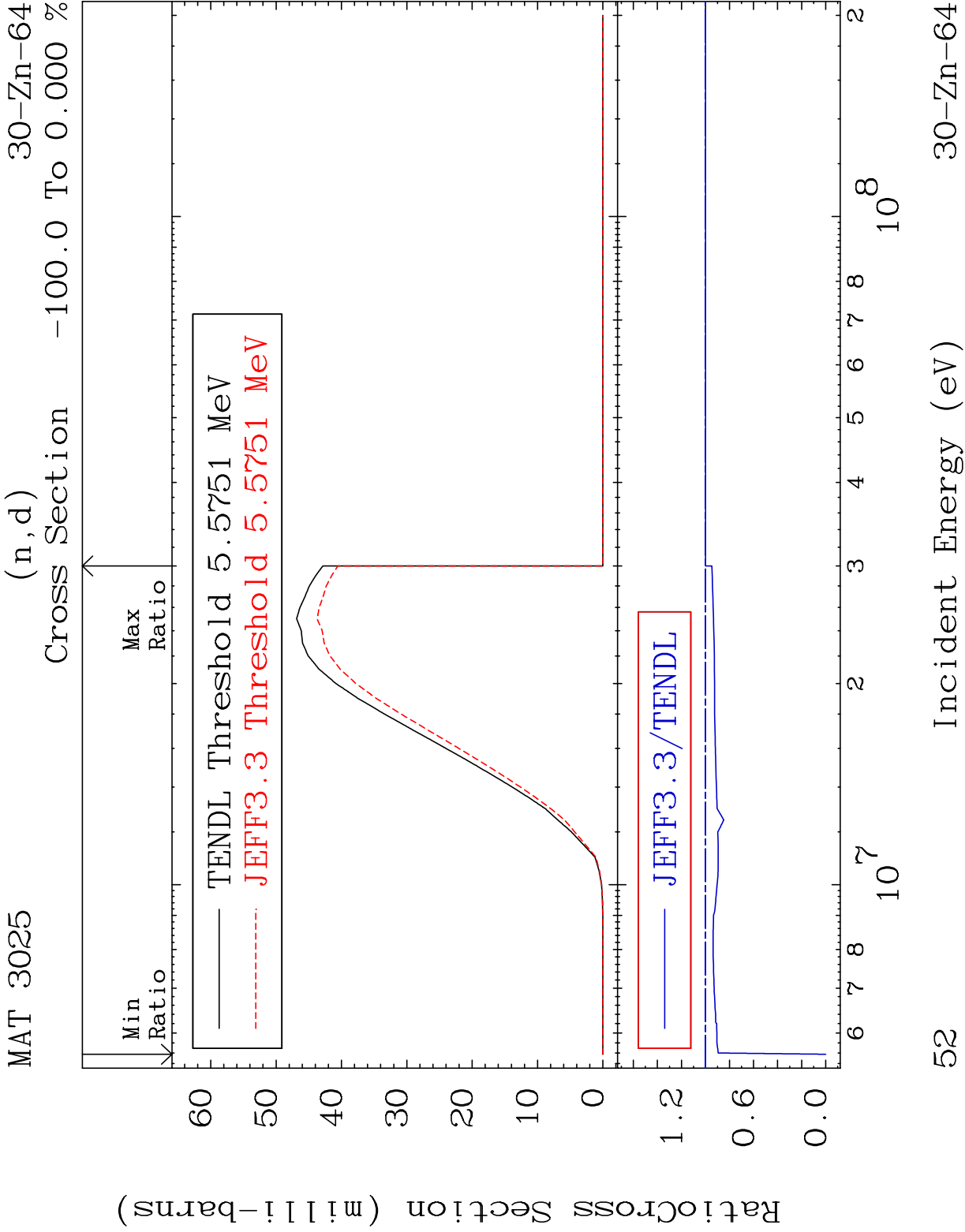
Cross Section -100.0 To 0.255 %



51

Incident Energy (eV)

30-Zn-64

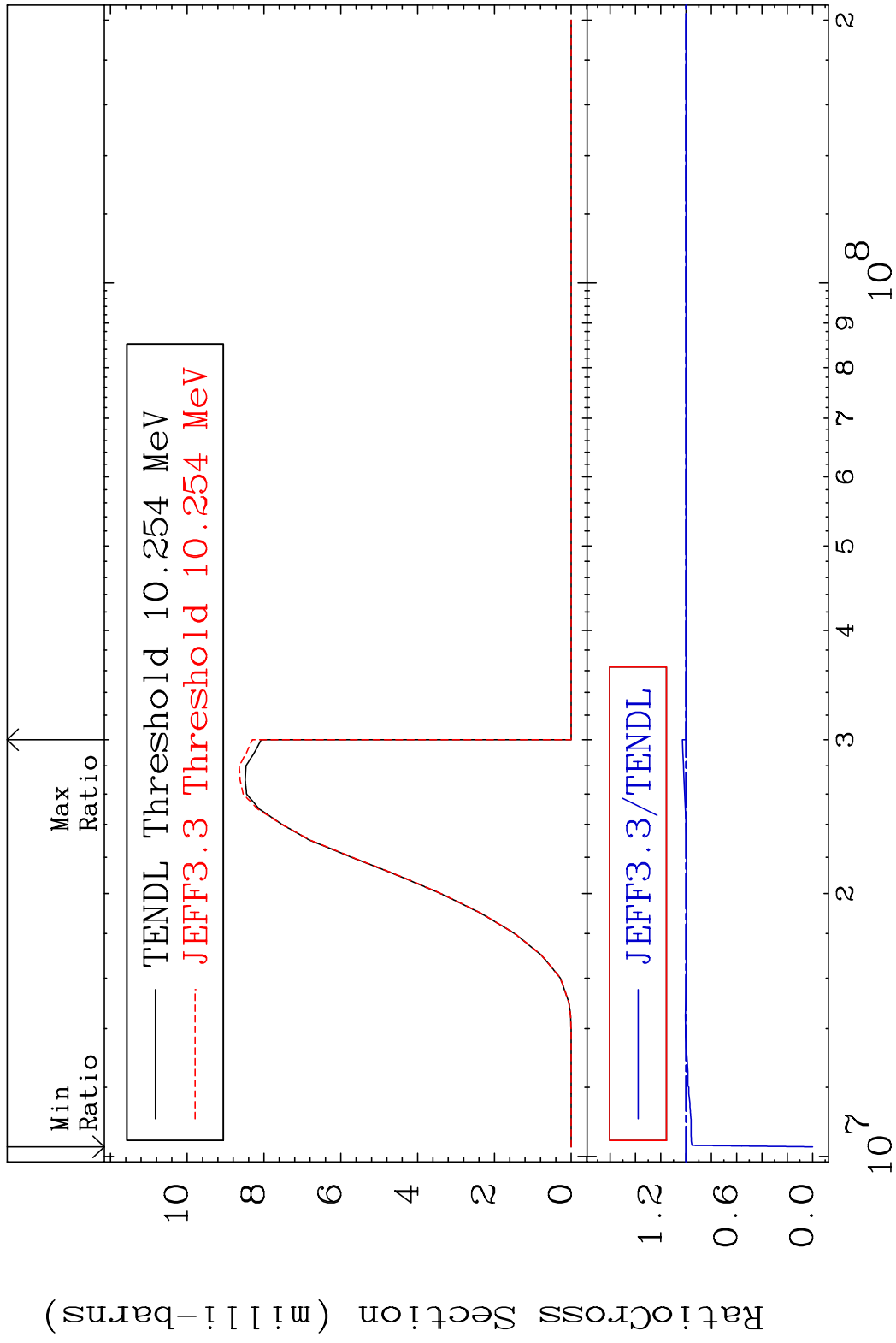


MAT 3025

(n, t)

30-Zn-64

Cross Section -100.0 To 2.923 %

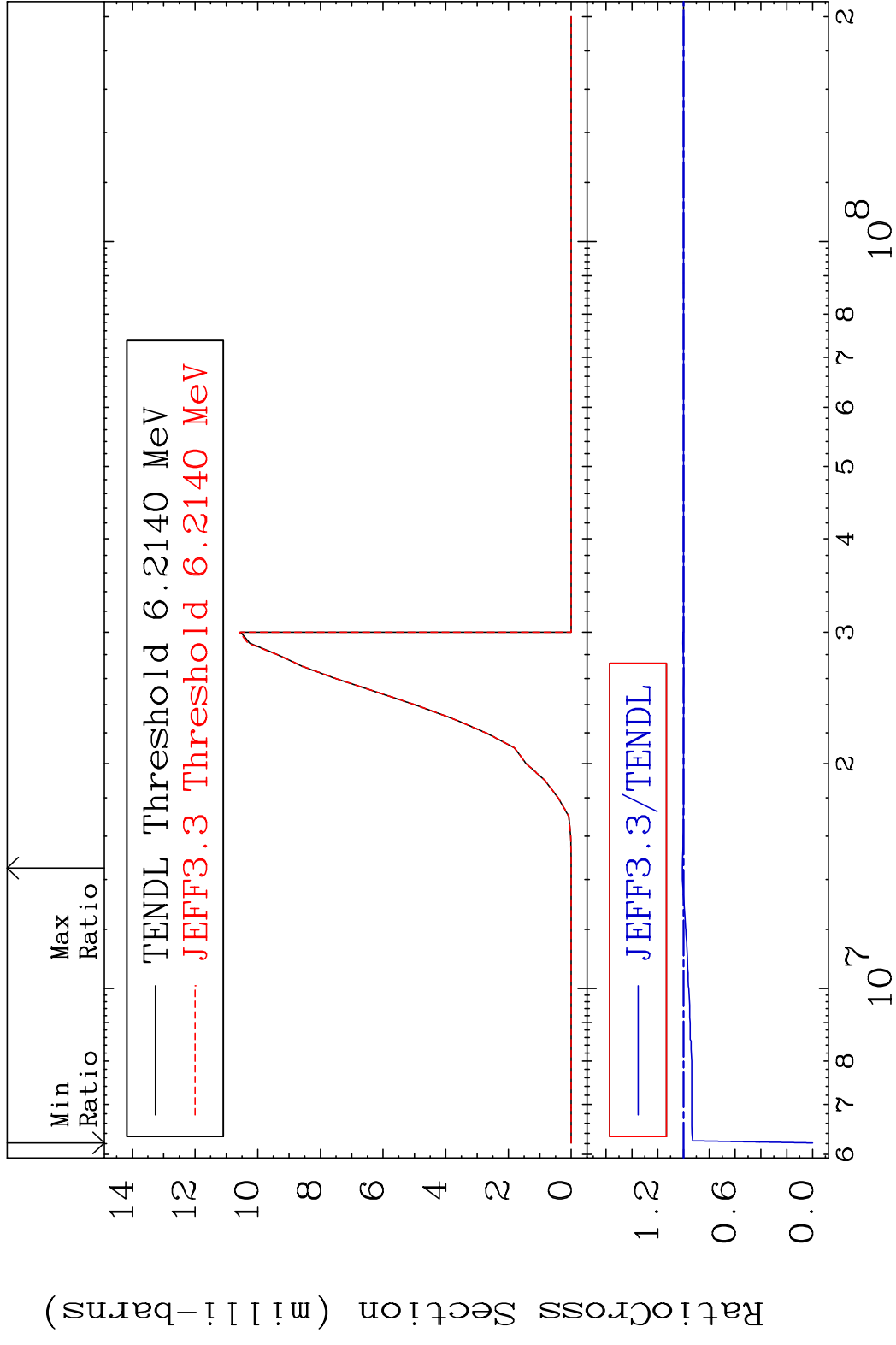


53

Incident Energy (eV)

30-Zn-64

MAT 3025 (n, He-3) 30-Zn-64  
 Cross Section -100.0 To 0.890 %

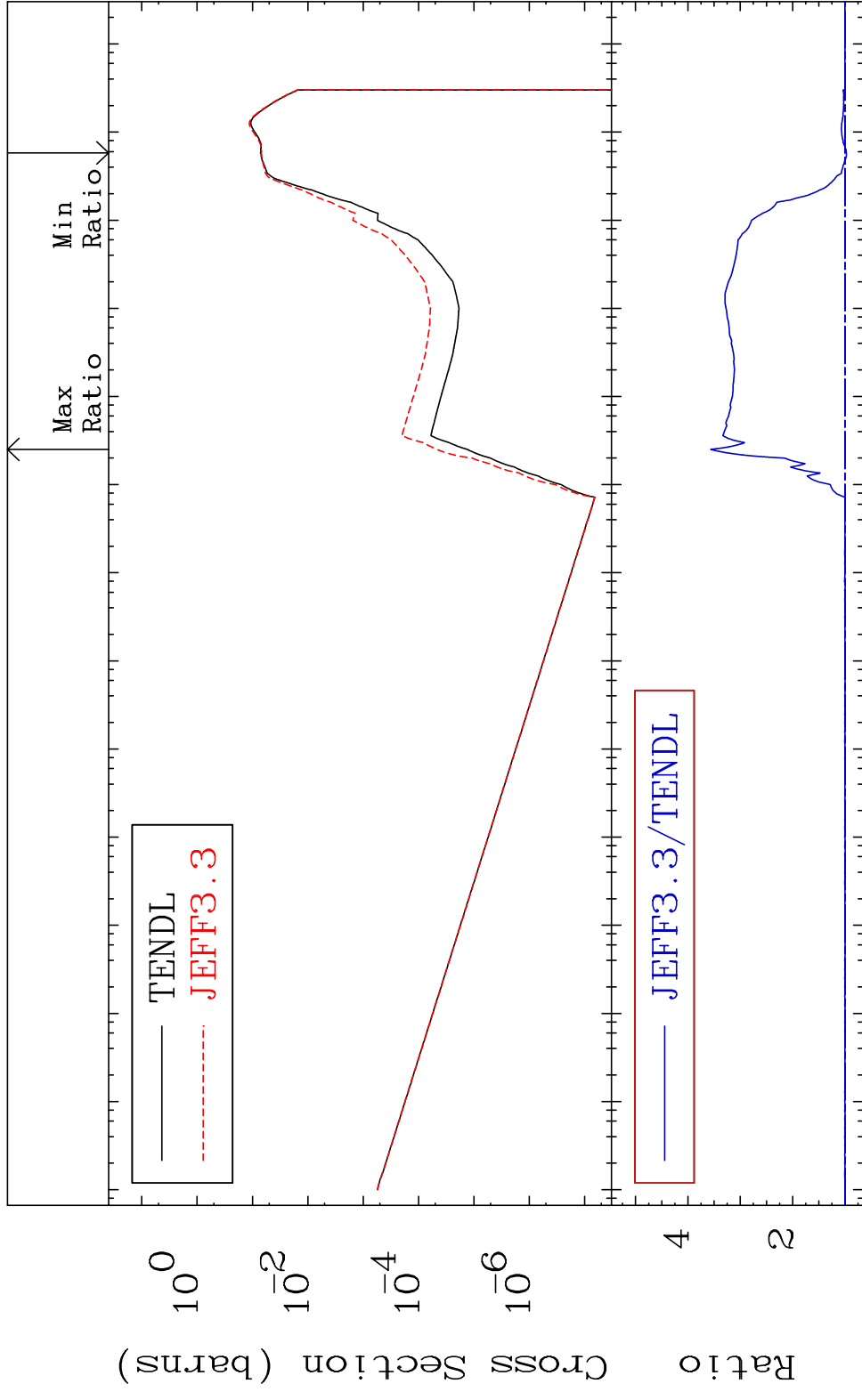


MAT 3025

30-Zn-64

(n,  $\alpha$ )

Cross Section -2.510 To 256.5 %



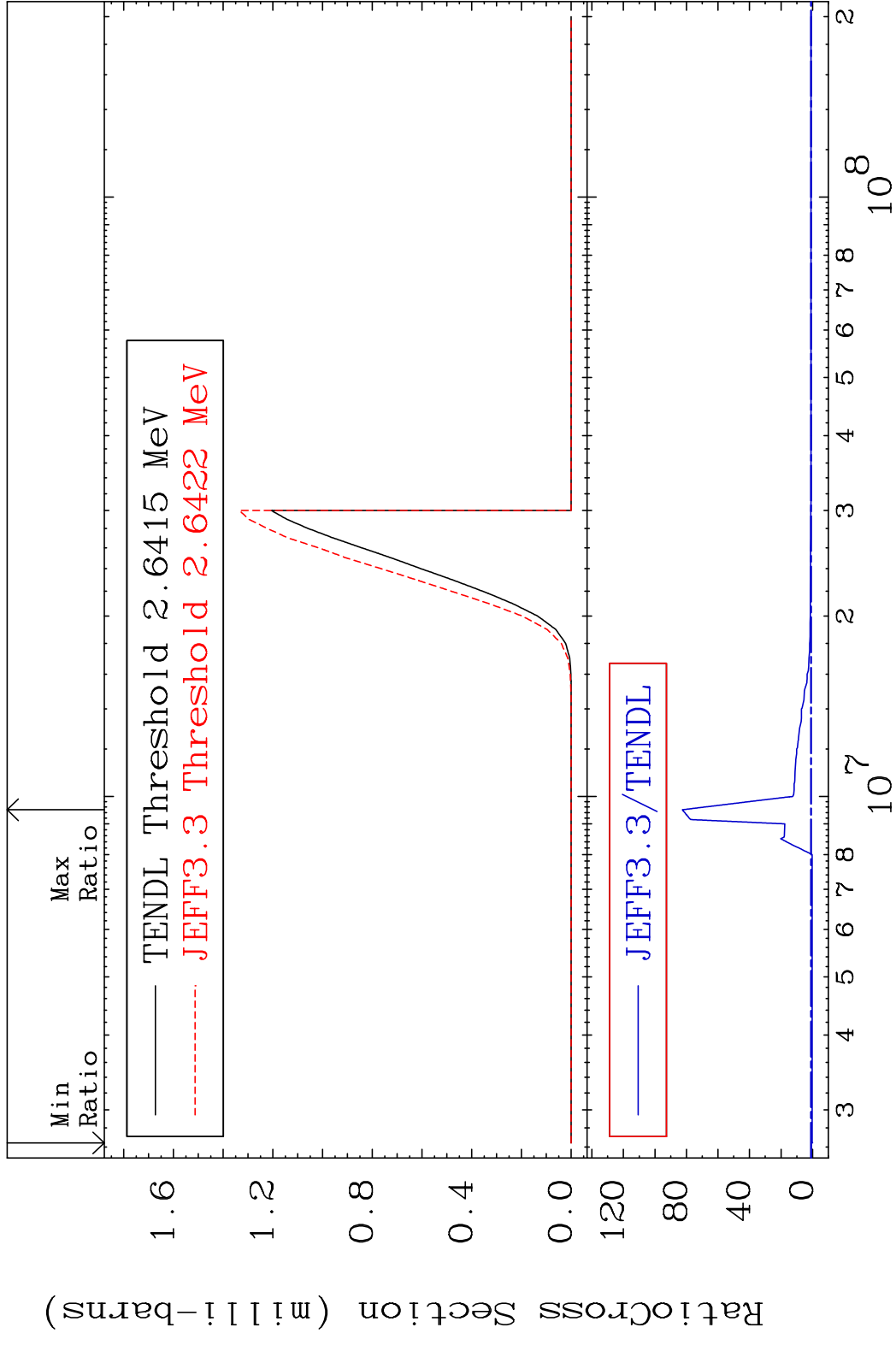
55

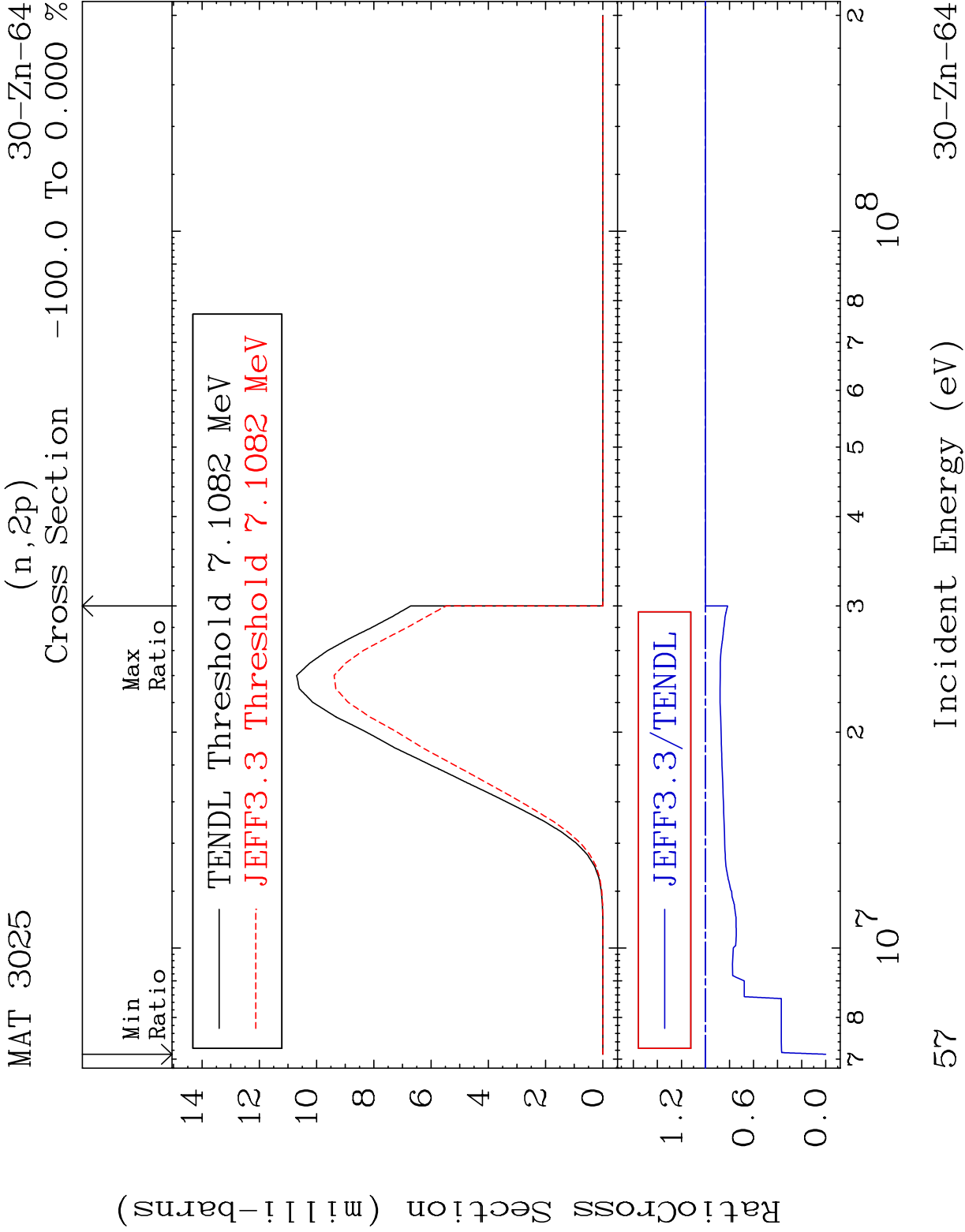
Incident Energy (eV)

30-Zn-64

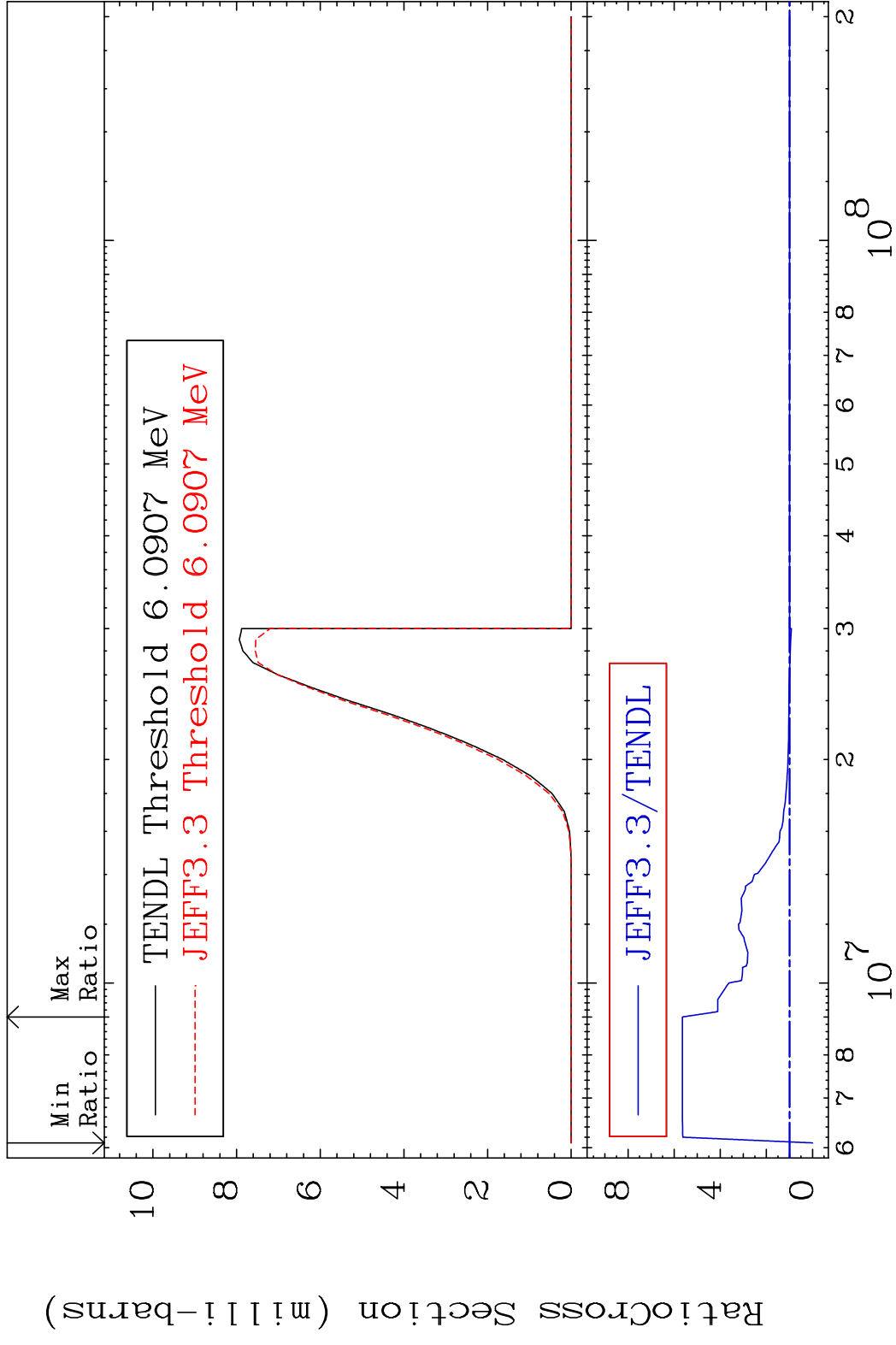


MAT 3025 (n,2α) 30-Zn-64  
 Cross Section -100.0 To 8161. %



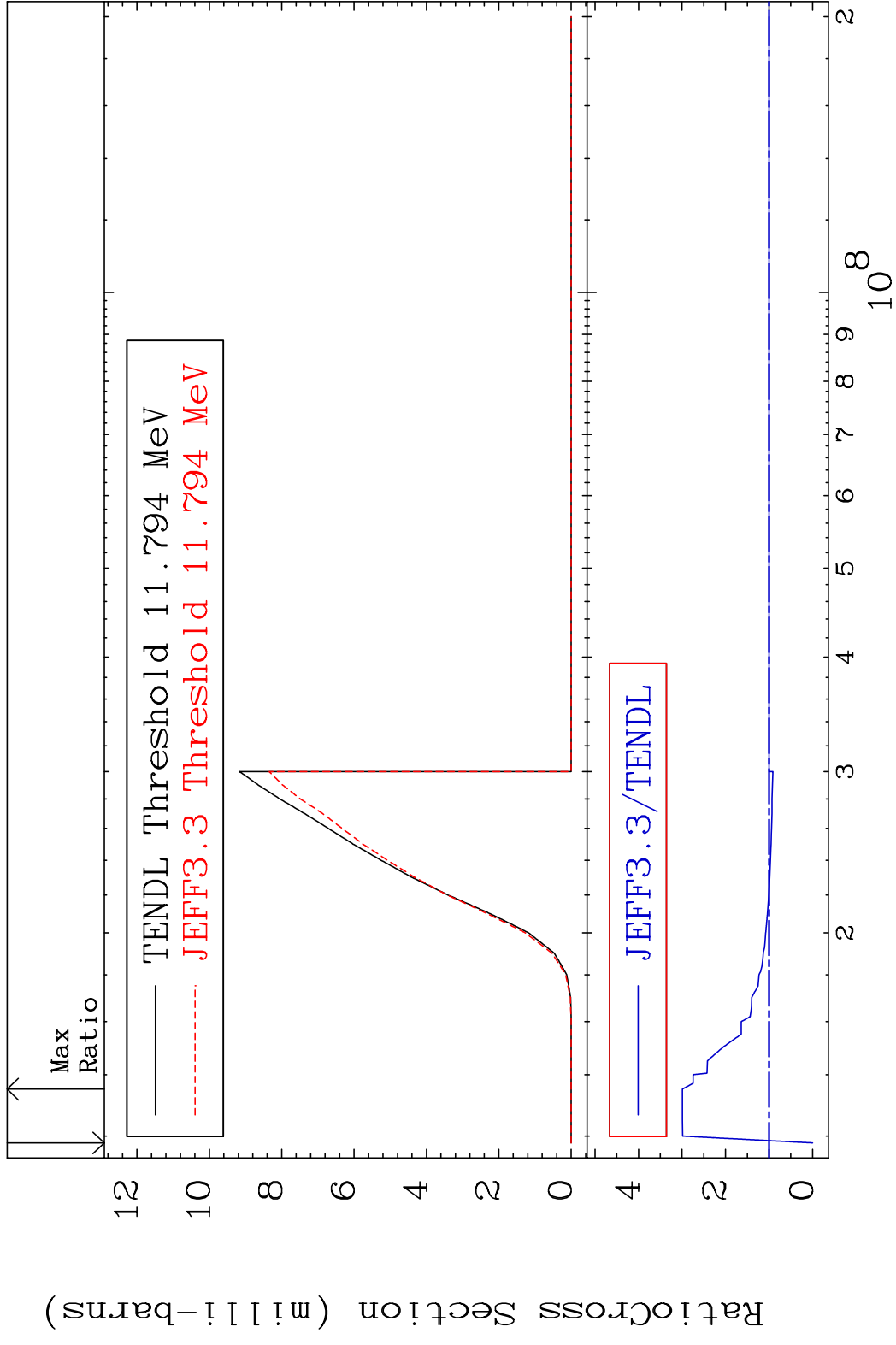


MAT 3025 (n,p)  $\alpha$  30-Zn-64  
 Cross Section -100.0 To 464.4 %

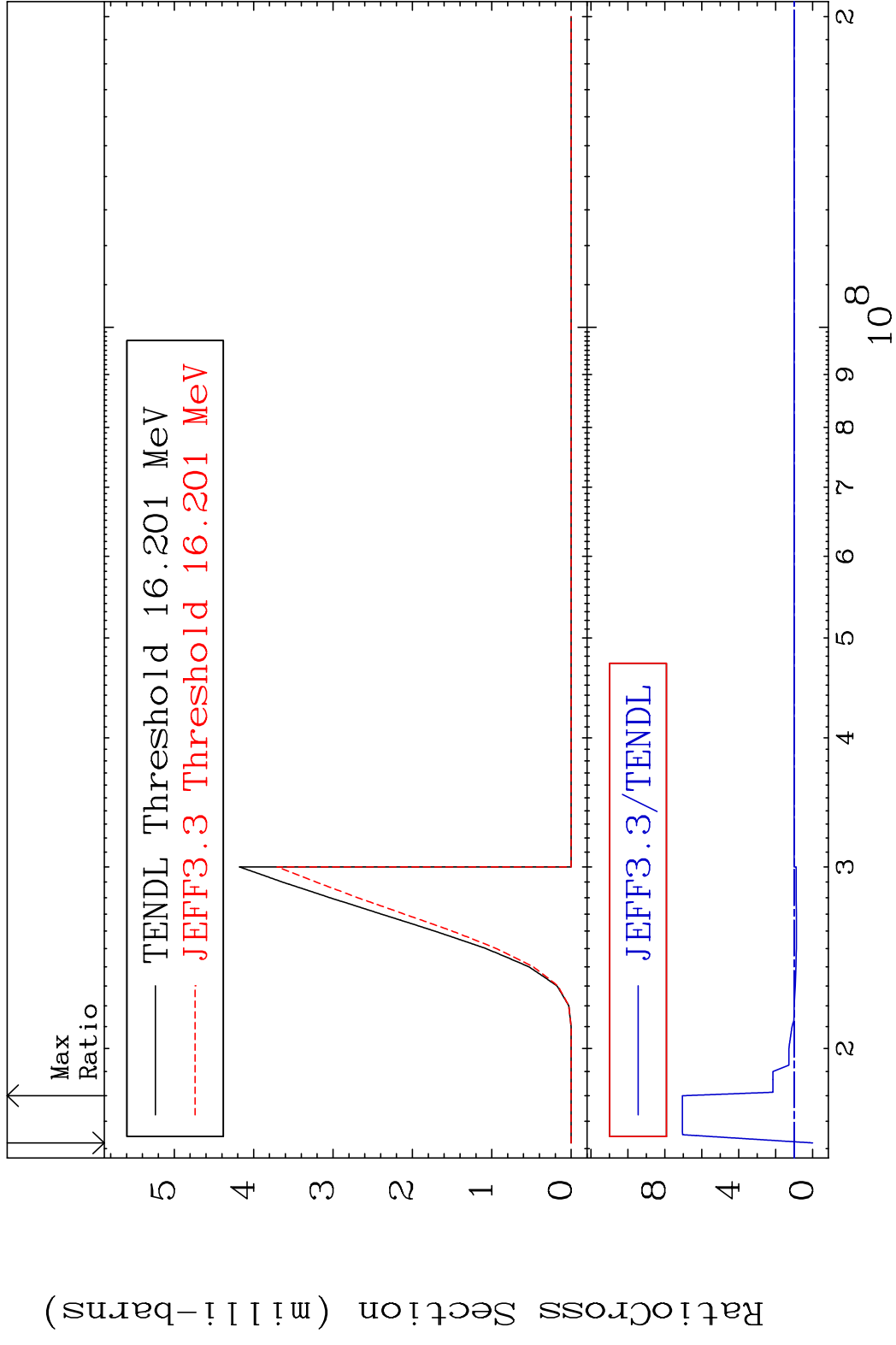


58 Incident Energy (eV) 30-Zn-64

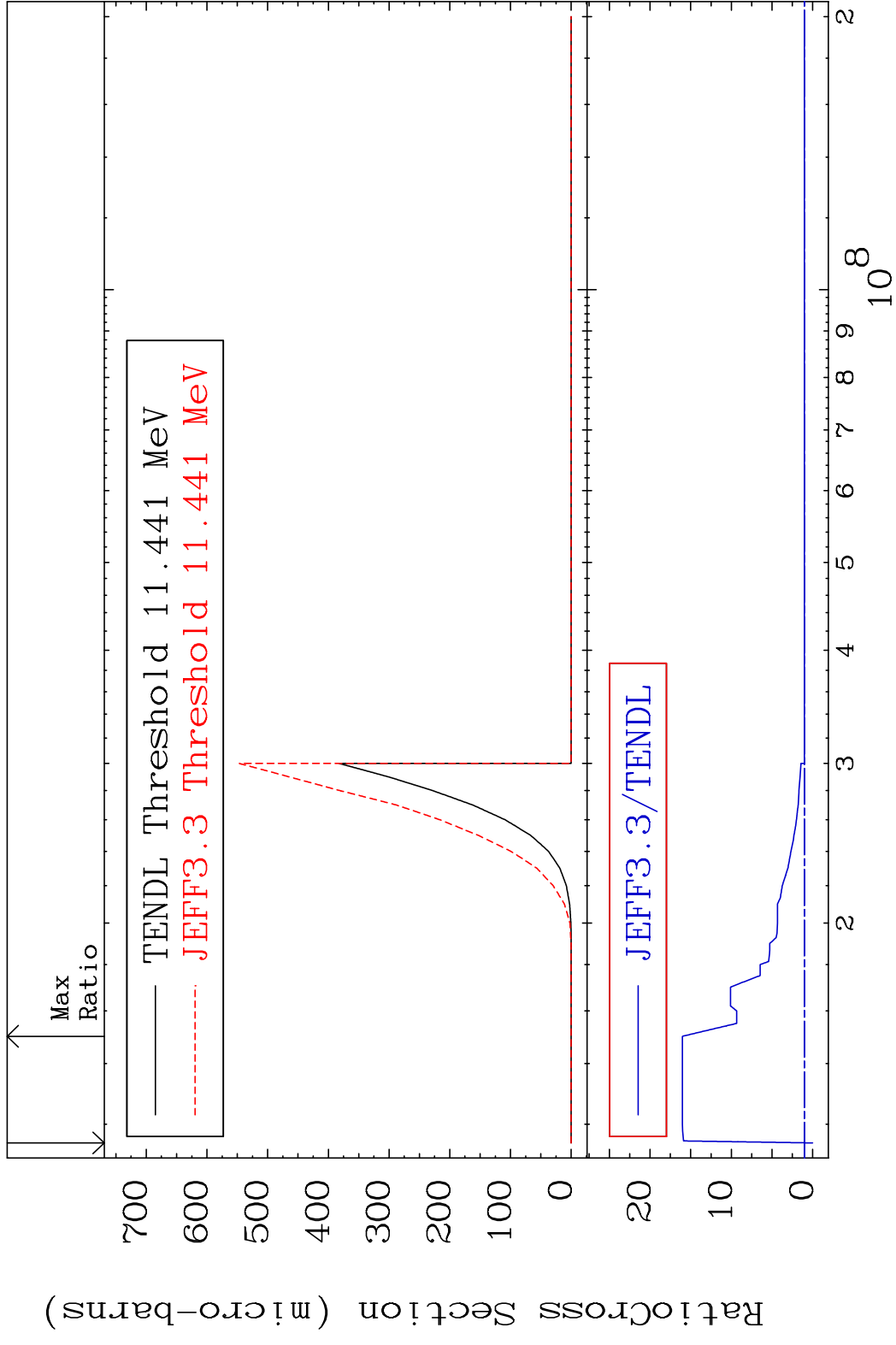
MAT 3025 (n,p) d 30-Zn-64  
 Cross Section -100.0 To 199.3 %



MAT 3025 (n,p) t 30-Zn-64  
 Cross Section -100.0 To 604.7 %



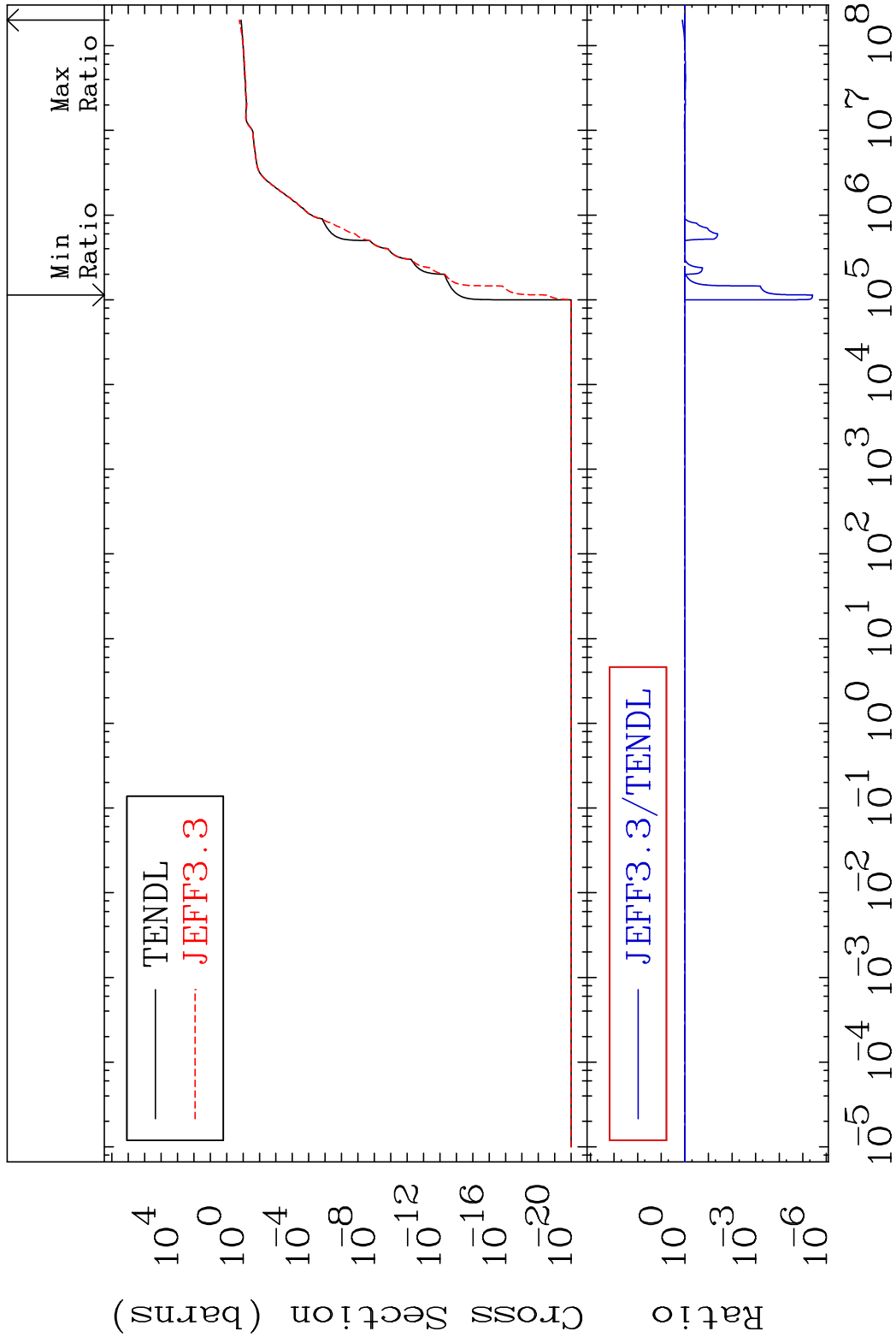
MAT 3025 (n,d)  $\alpha$  30-Zn-64  
 Cross Section -100.0 To 1503. %



MAT 3025

Hydrogen Production  
Cross Section -100.0 To 27.57 %

30-Zn-64

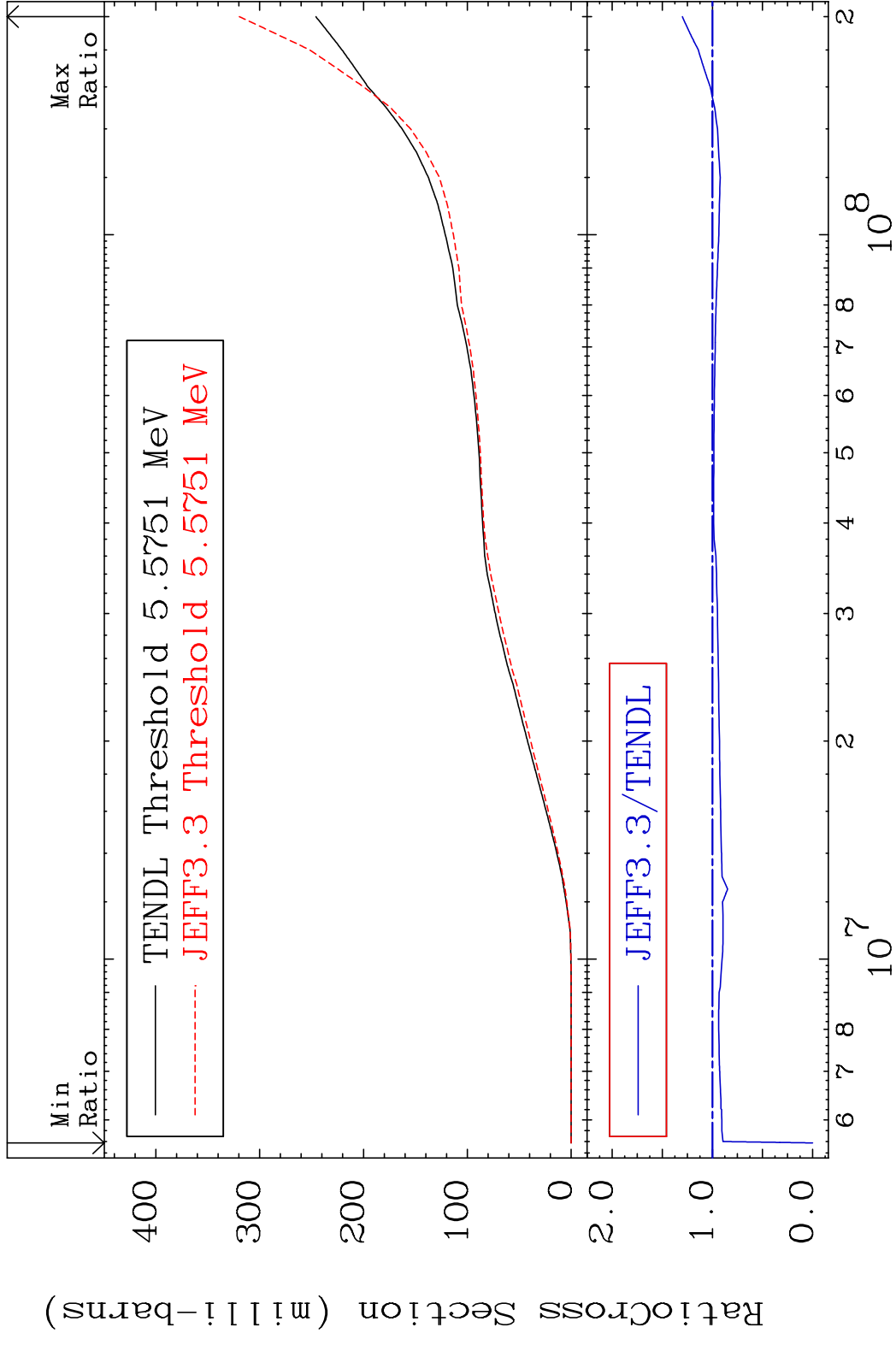


62

Incident Energy (eV)

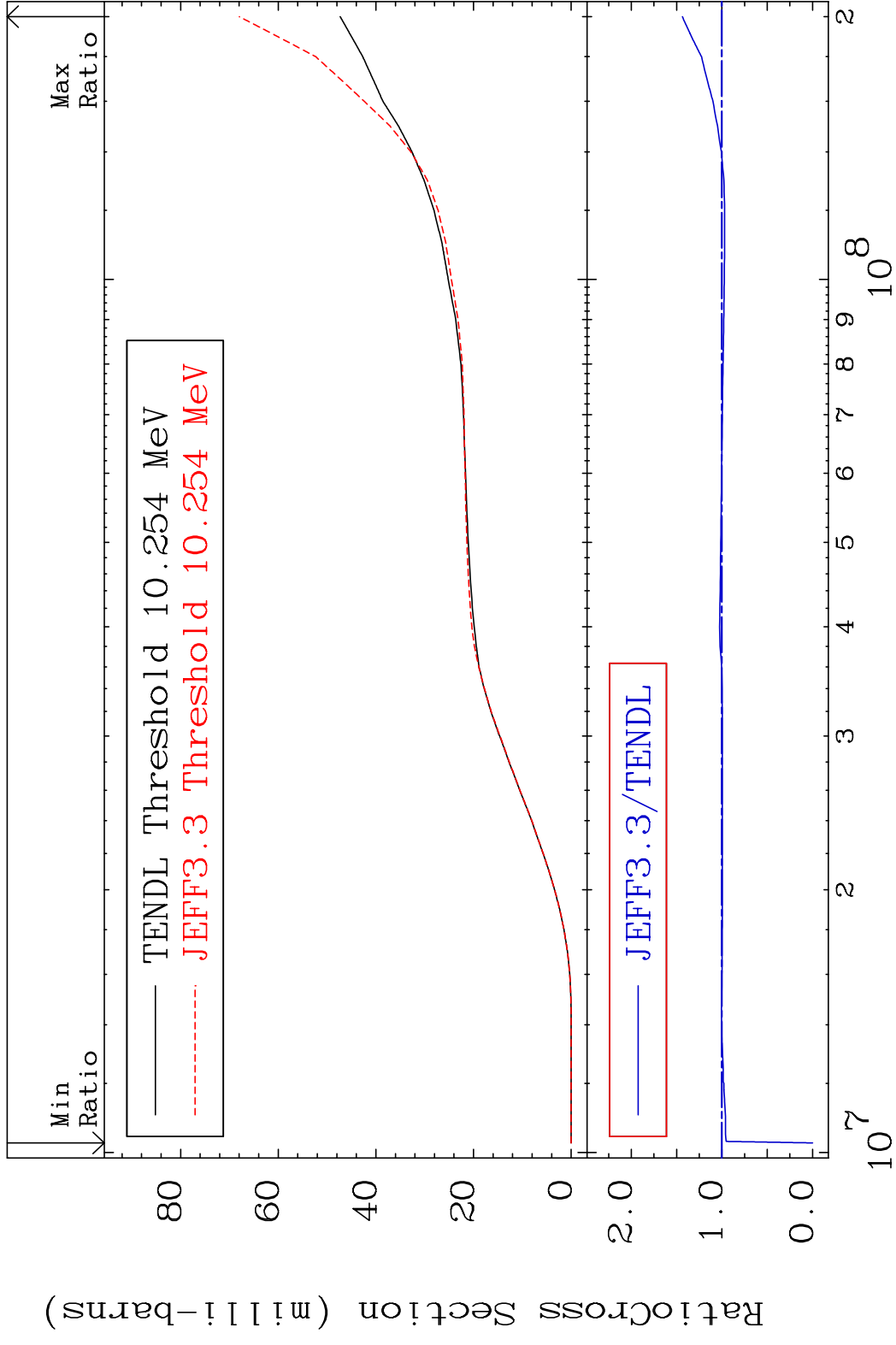
30-Zn-64

MAT 3025 Deuterium Production 30-Zn-64  
 Cross Section -100.0 To 29.99 %



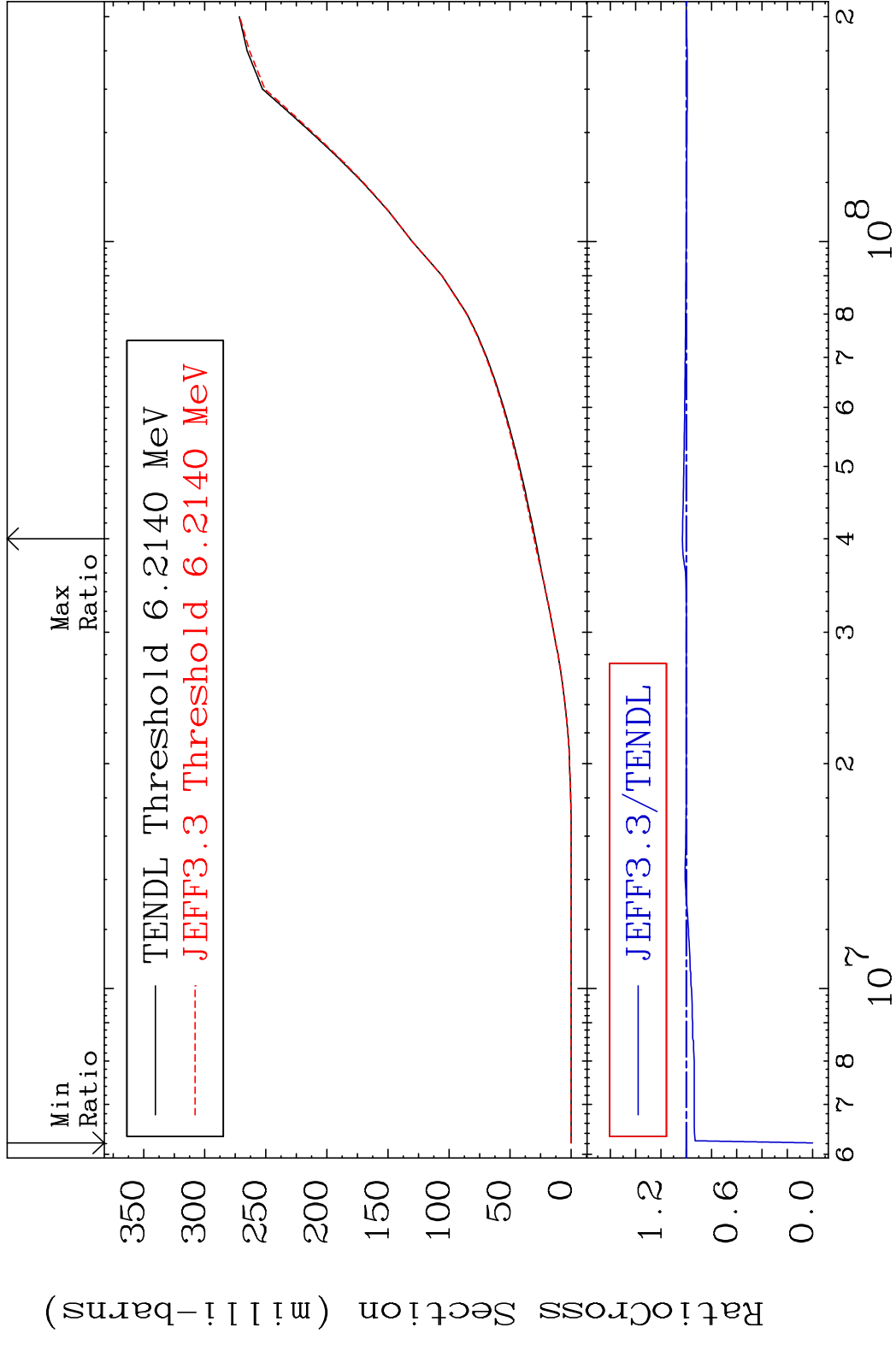


MAT 3025 Tritium Production 30-Zn-64  
 Cross Section -100.0 To 43.66 %



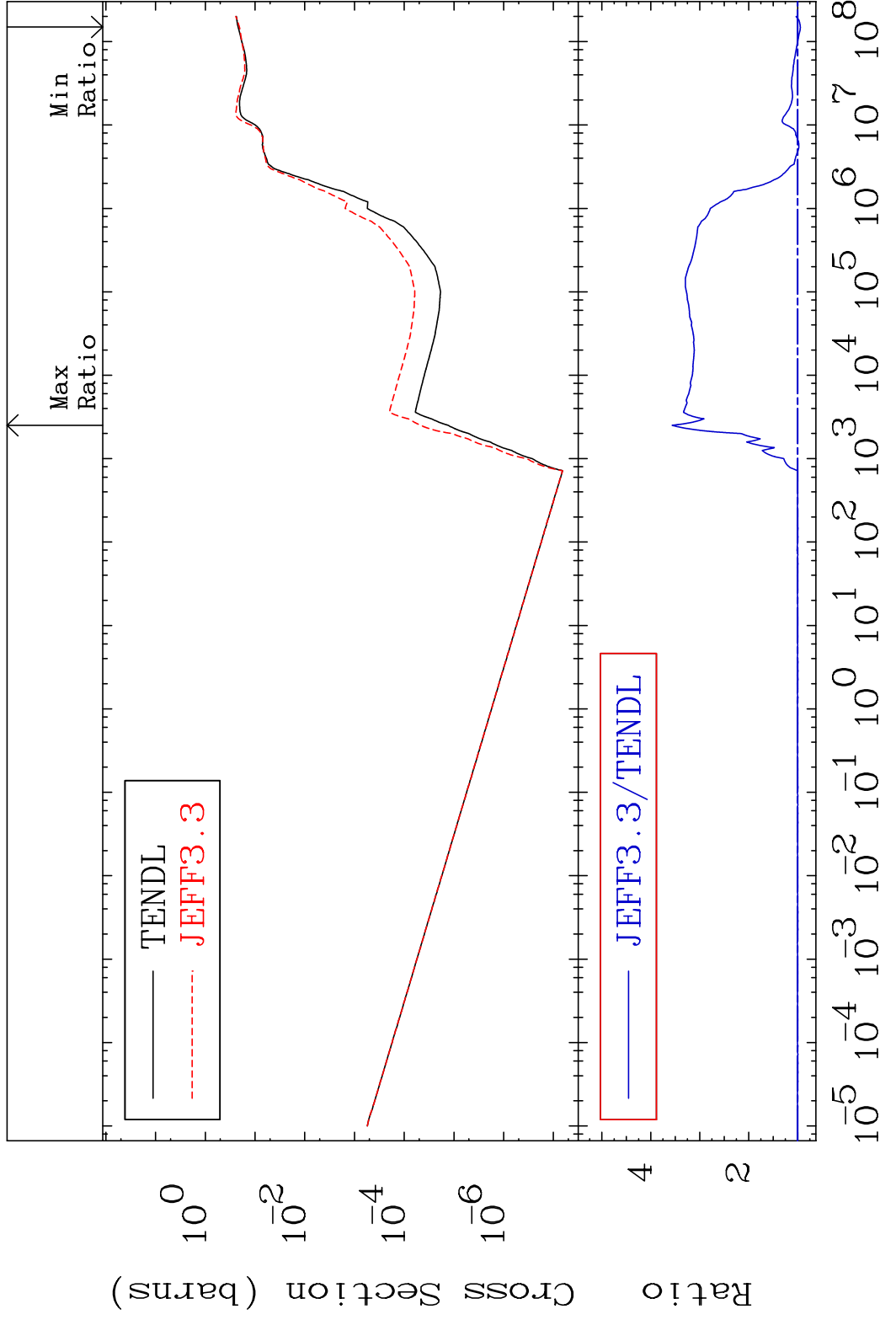
64 Incident Energy (eV) 30-Zn-64

MAT 3025 He-3 Production 30-Zn-64  
 Cross Section -100.0 To 3.051 %



MAT 3025

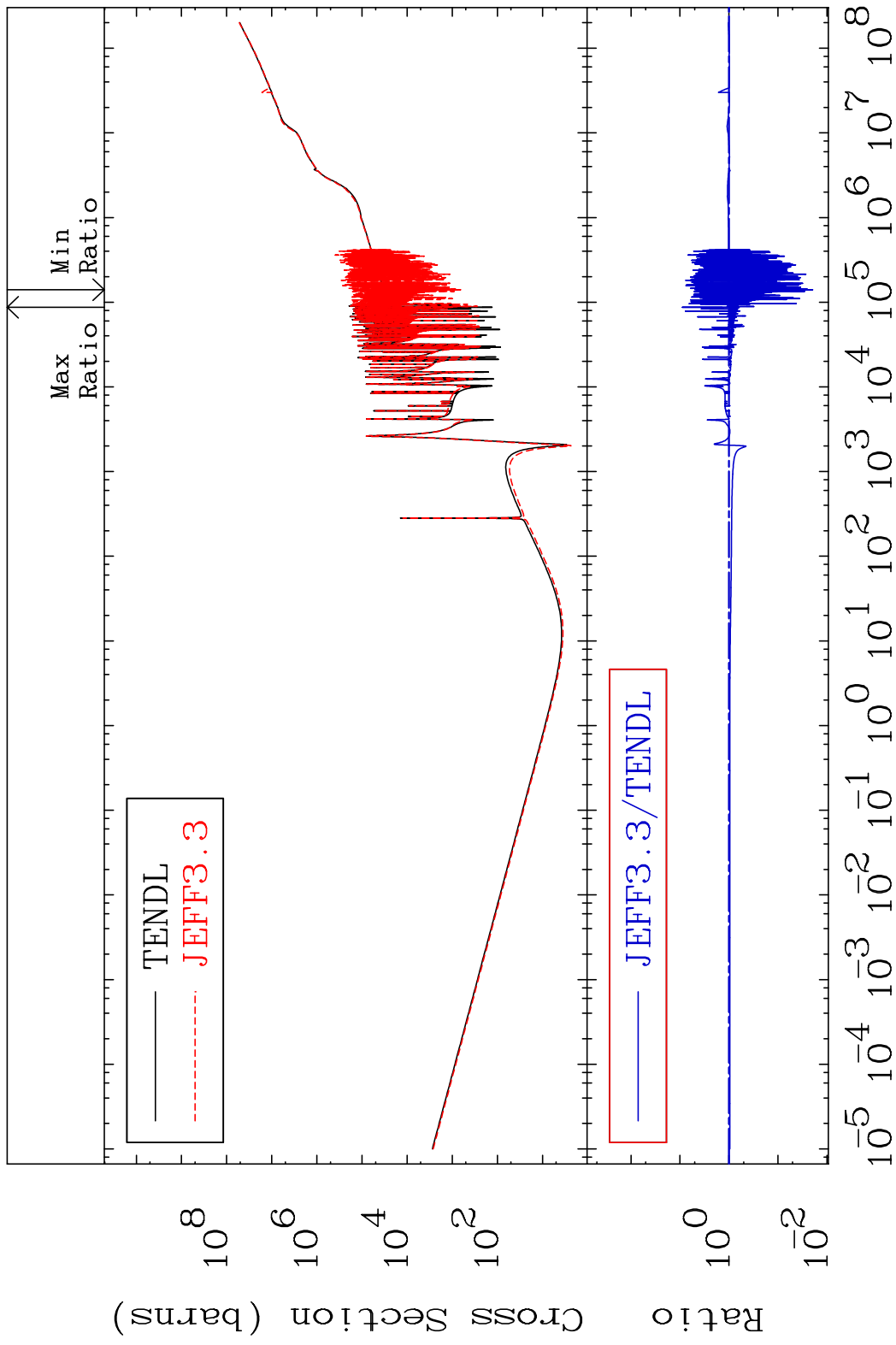
He-4 Production Cross Section  
30-Zn-64  
-5.616 To 256.5 %



66

Incident Energy (eV) 30-Zn-64

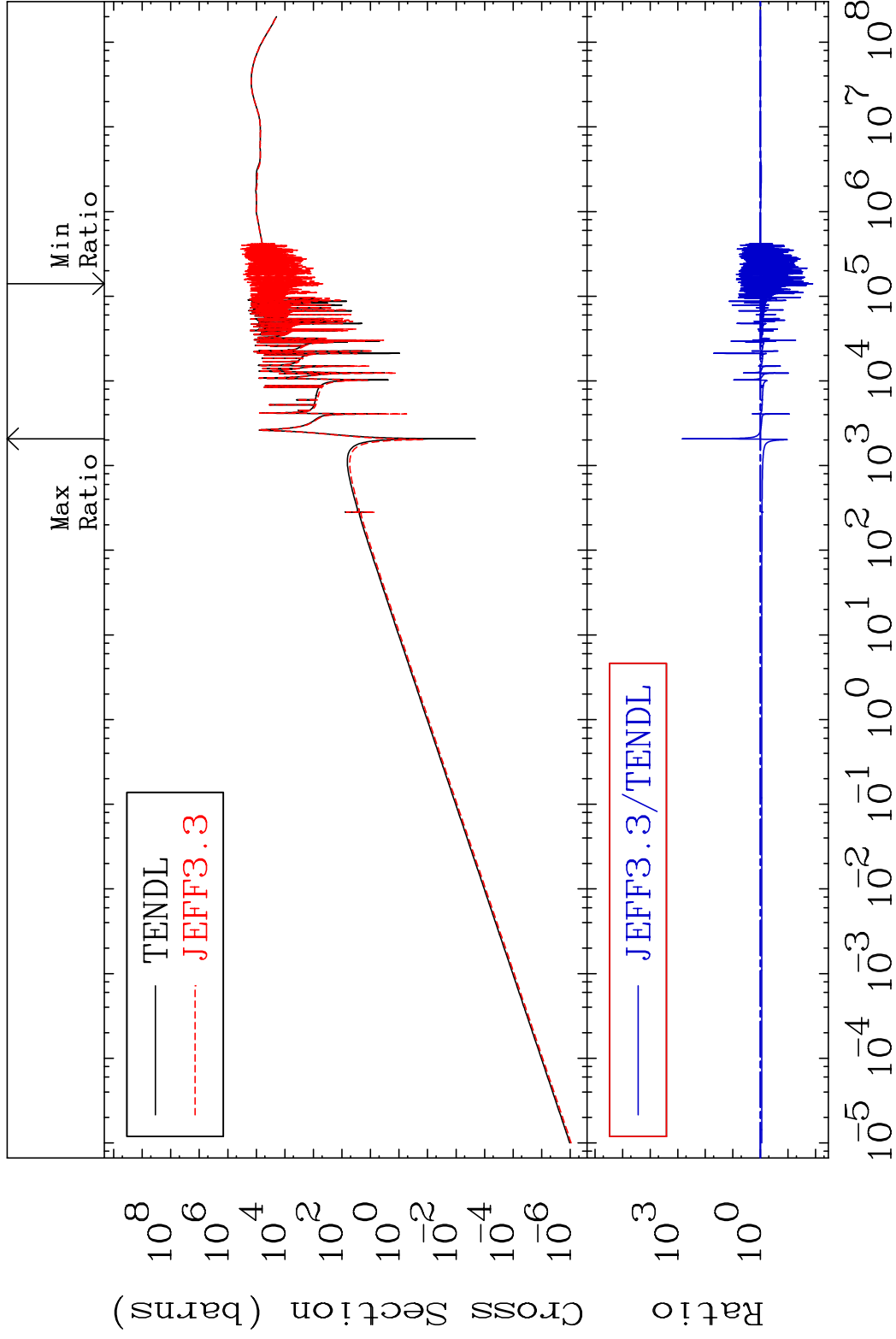
MAT 3025 Kerma total (eV-barns) 30-Zn-64  
Cross Section -98.04 To 793.8 %



MAT 3025

Kerma elastic  
Cross Section

30-Zn-64  
-98.71 To 9999. %

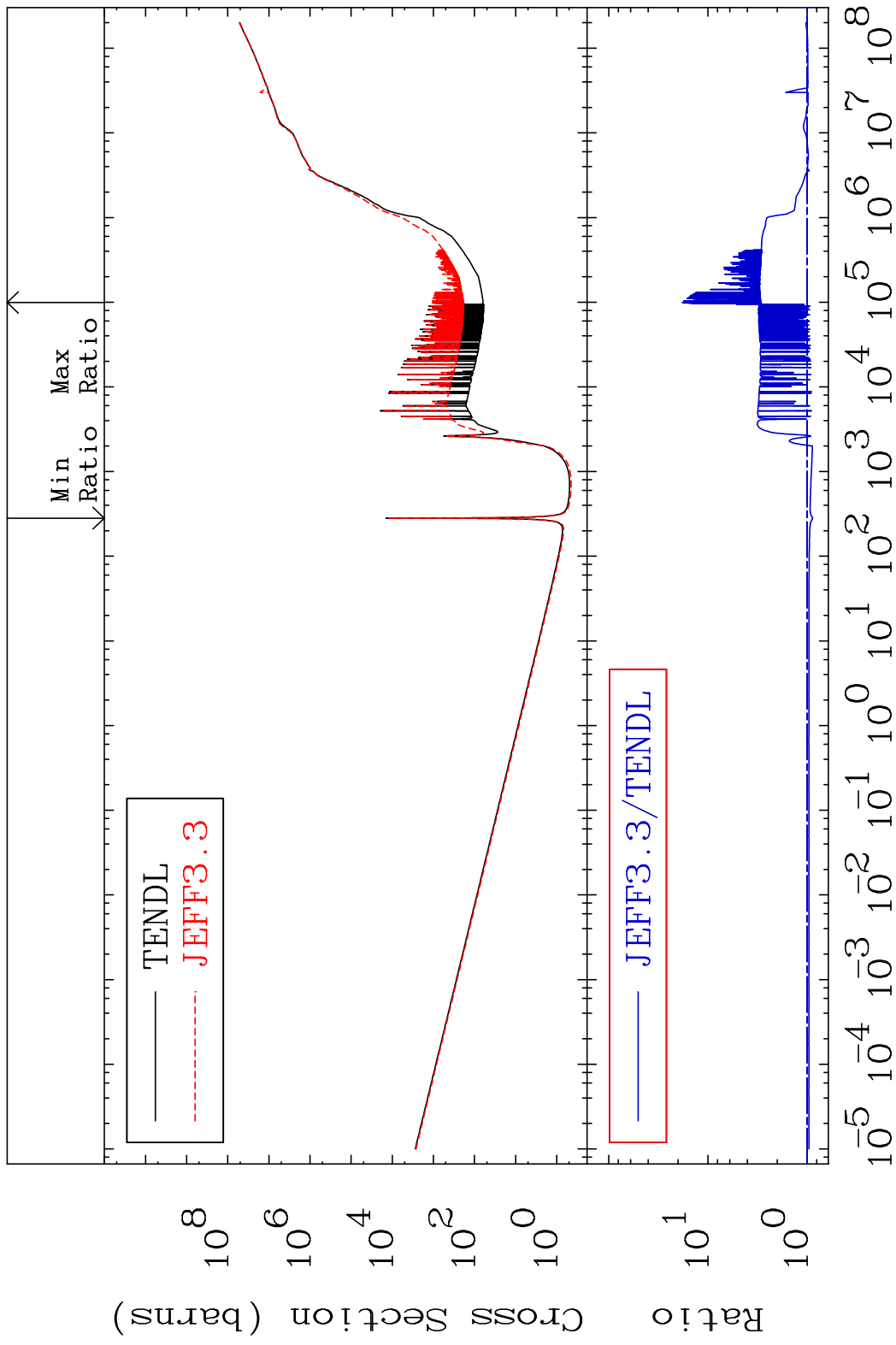


68

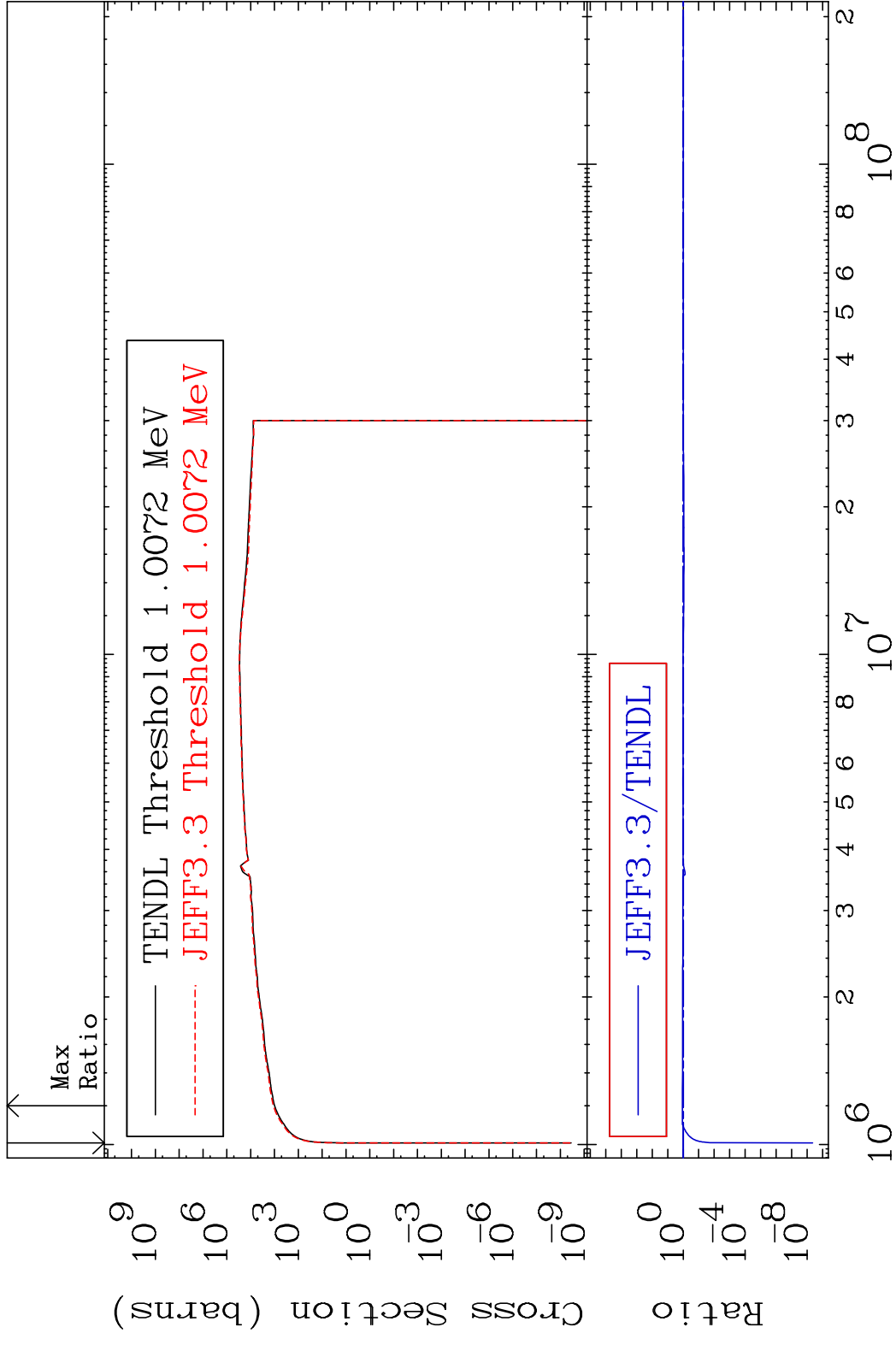
Incident Energy (eV)

30-Zn-64

MAT 3025 Kerma non-elastic (all but mt2) 30-Zn-64  
 Cross Section -11.88 To 1708. %

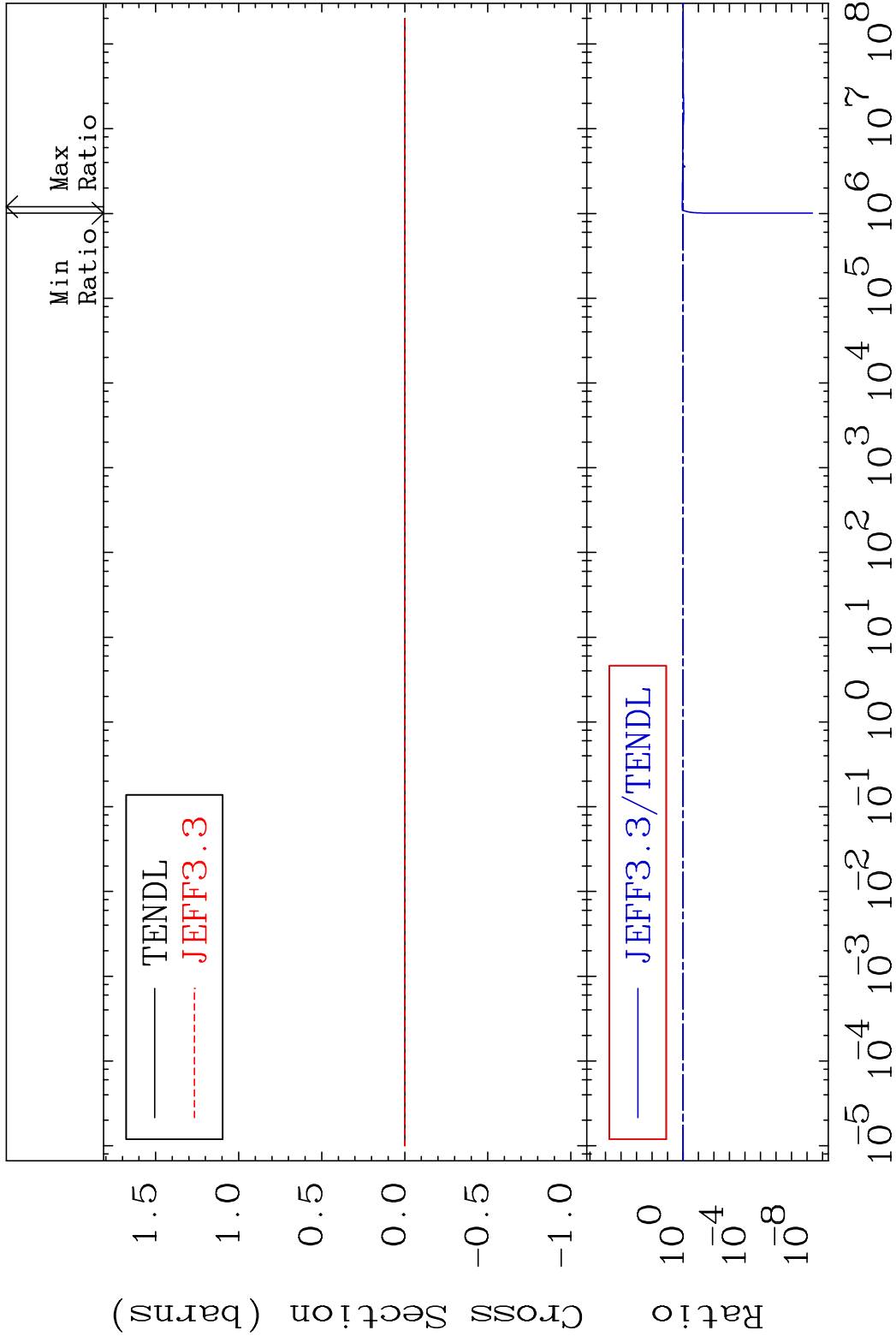


MAT 3025 Kerma inelastic (mt51-91) 30-Zn-64  
 Cross Section -100.0 To 13.50 %



70 Incident Energy (eV) 30-Zn-64

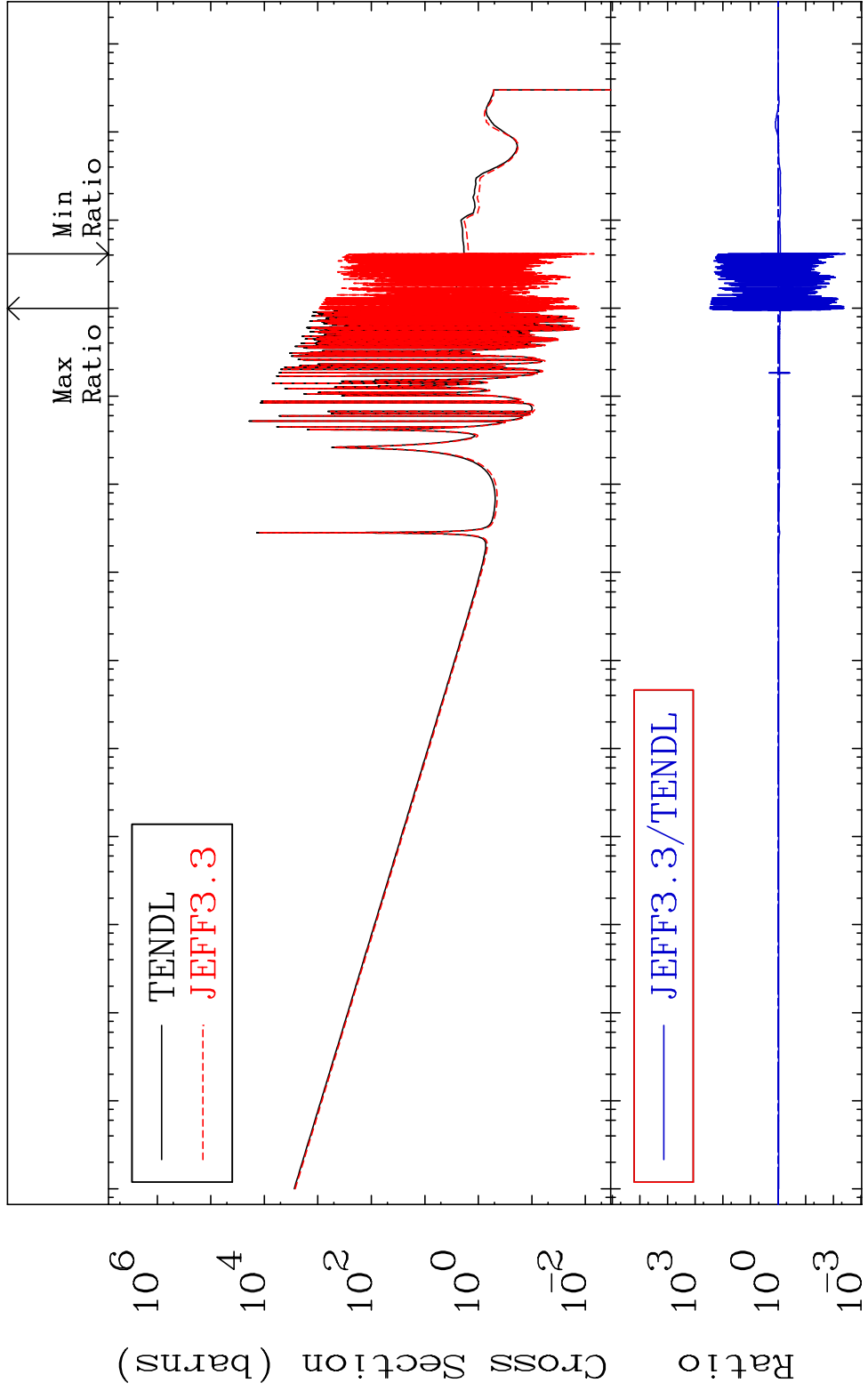
MAT 3025 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-64  
 Cross Section -100.0 To 13.50 %





MAT 3025

Kerma capture (mt102) 30-Zn-64  
Cross Section -99.63 To 9999. %



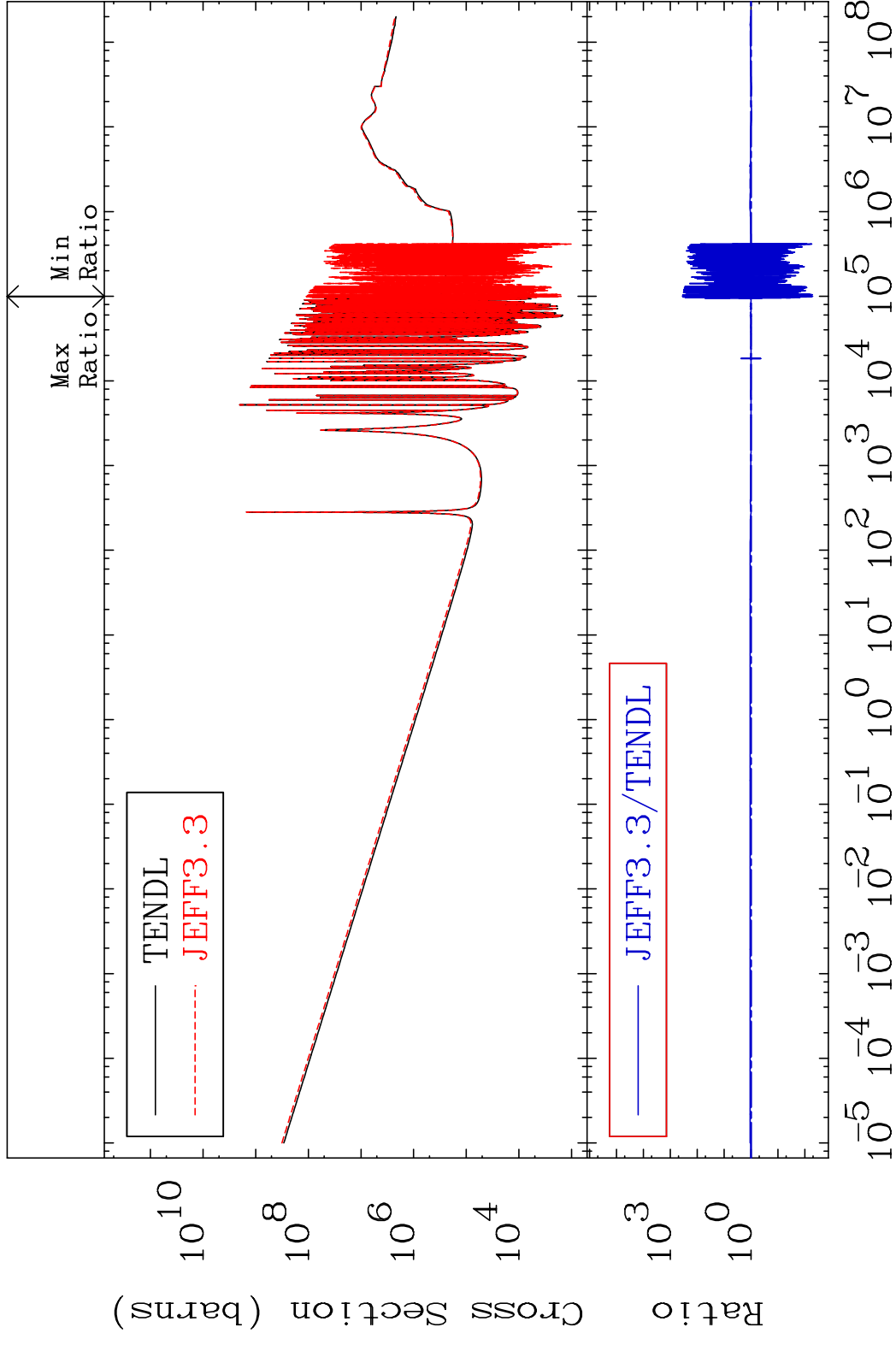
72

Incident Energy (eV)

30-Zn-64

MAT 3025

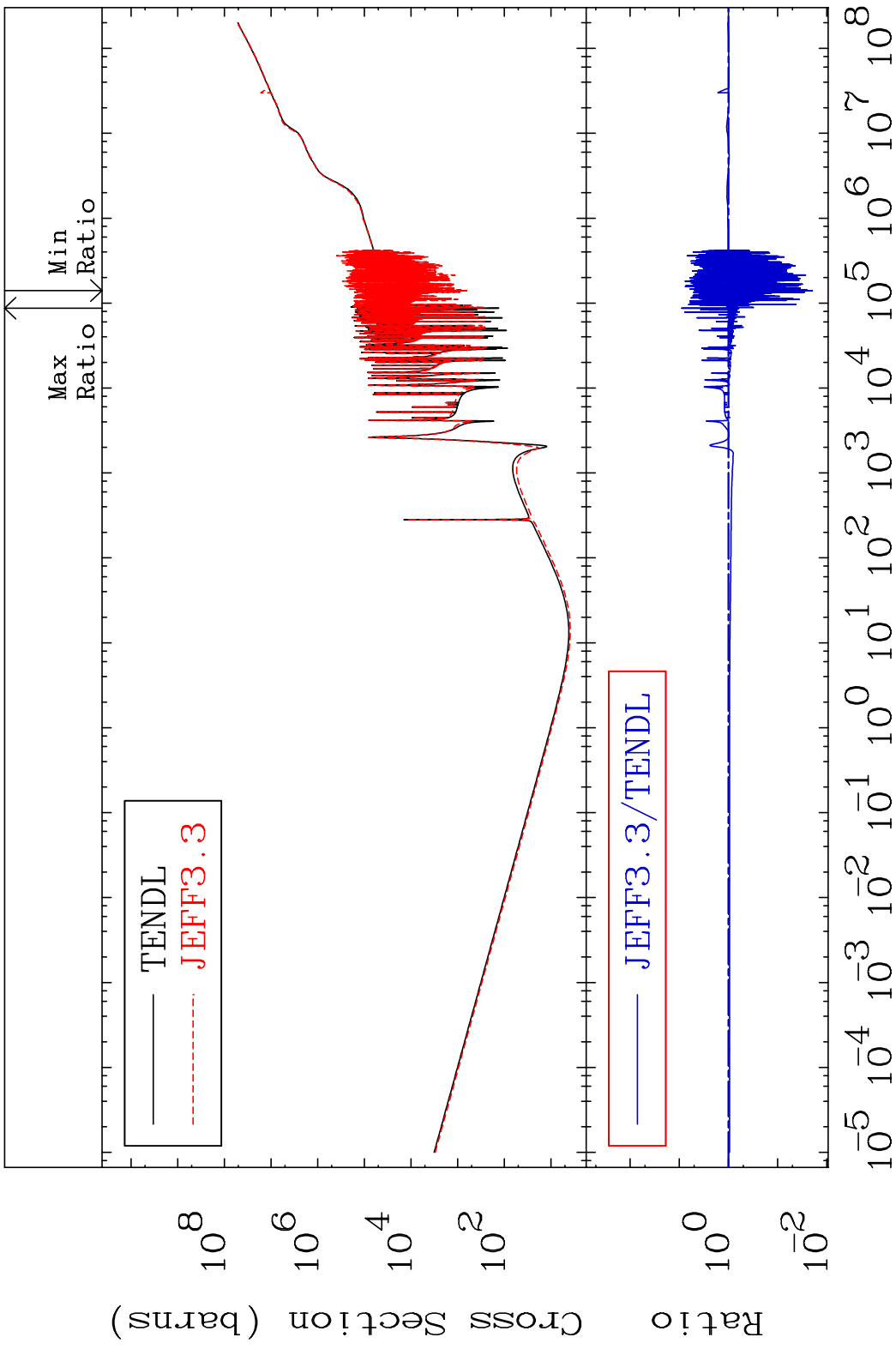
Total photon (eV-barns) 30-Zn-64  
Cross Section -99.48 To 9999. %



73

Incident Energy (eV) 30-Zn-64

MAT 3025 Total kinematic kerma (high limit) 30-Zn-64  
Cross Section -98.04 To 791.6 %

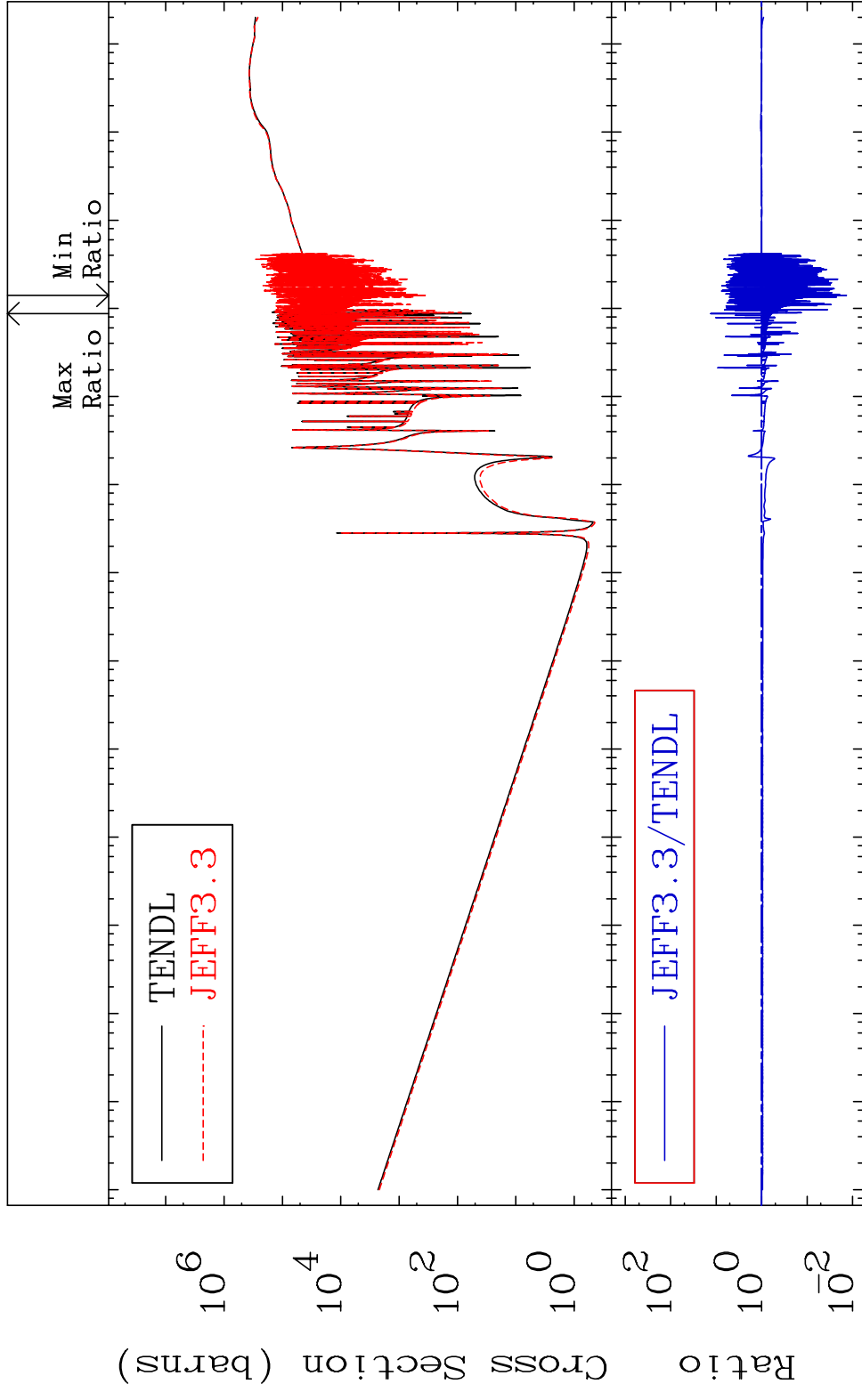


MAT 3025

Dpa total (eV-barns)

30-Zn-64

Cross Section -98.63 To 1219. %



75

Incident Energy (eV)

30-Zn-64

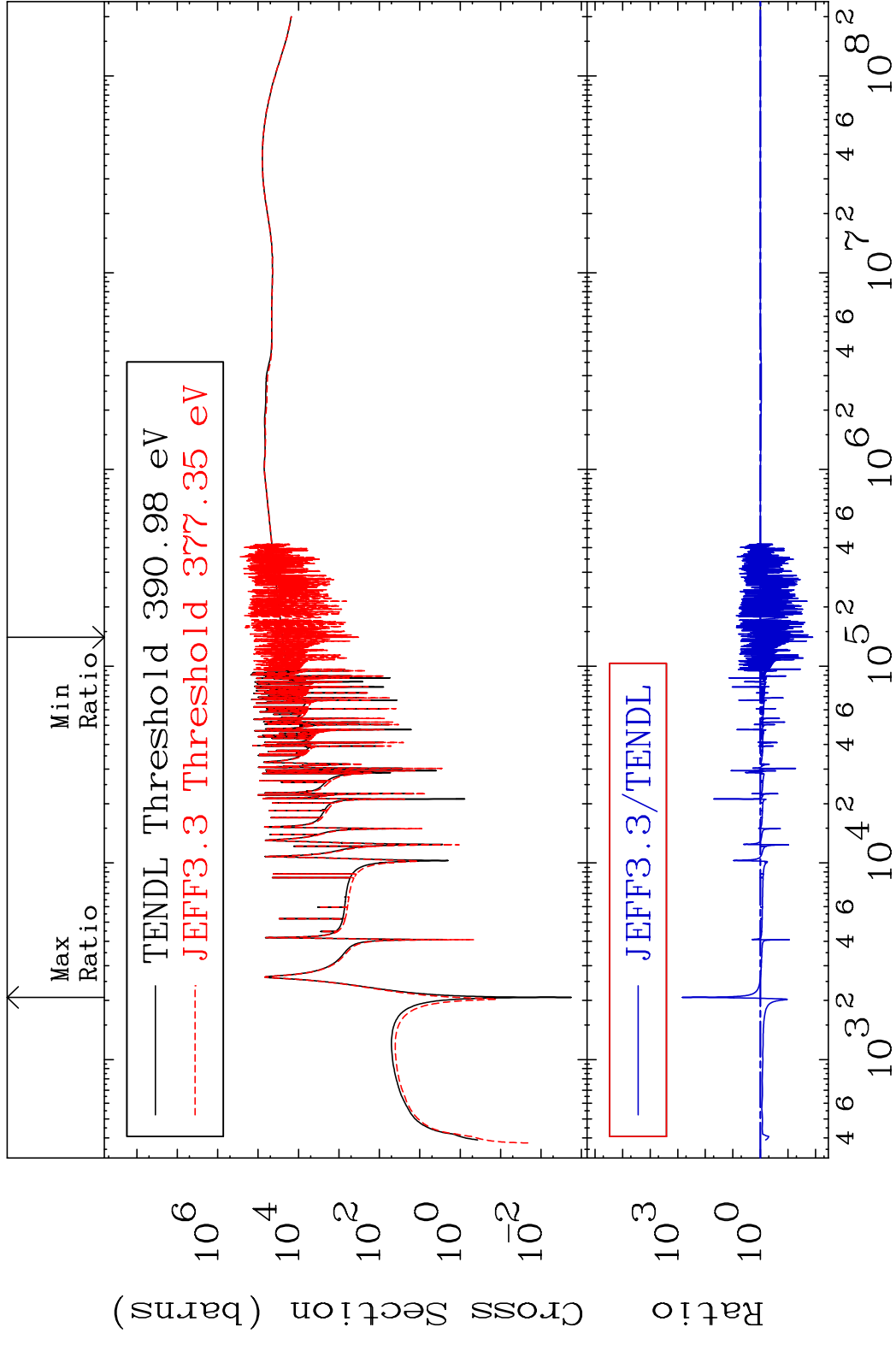
MAT 3025

Dpa elastic (mt2)

30-Zn-64

Cross Section

-98.71 To 9999. %

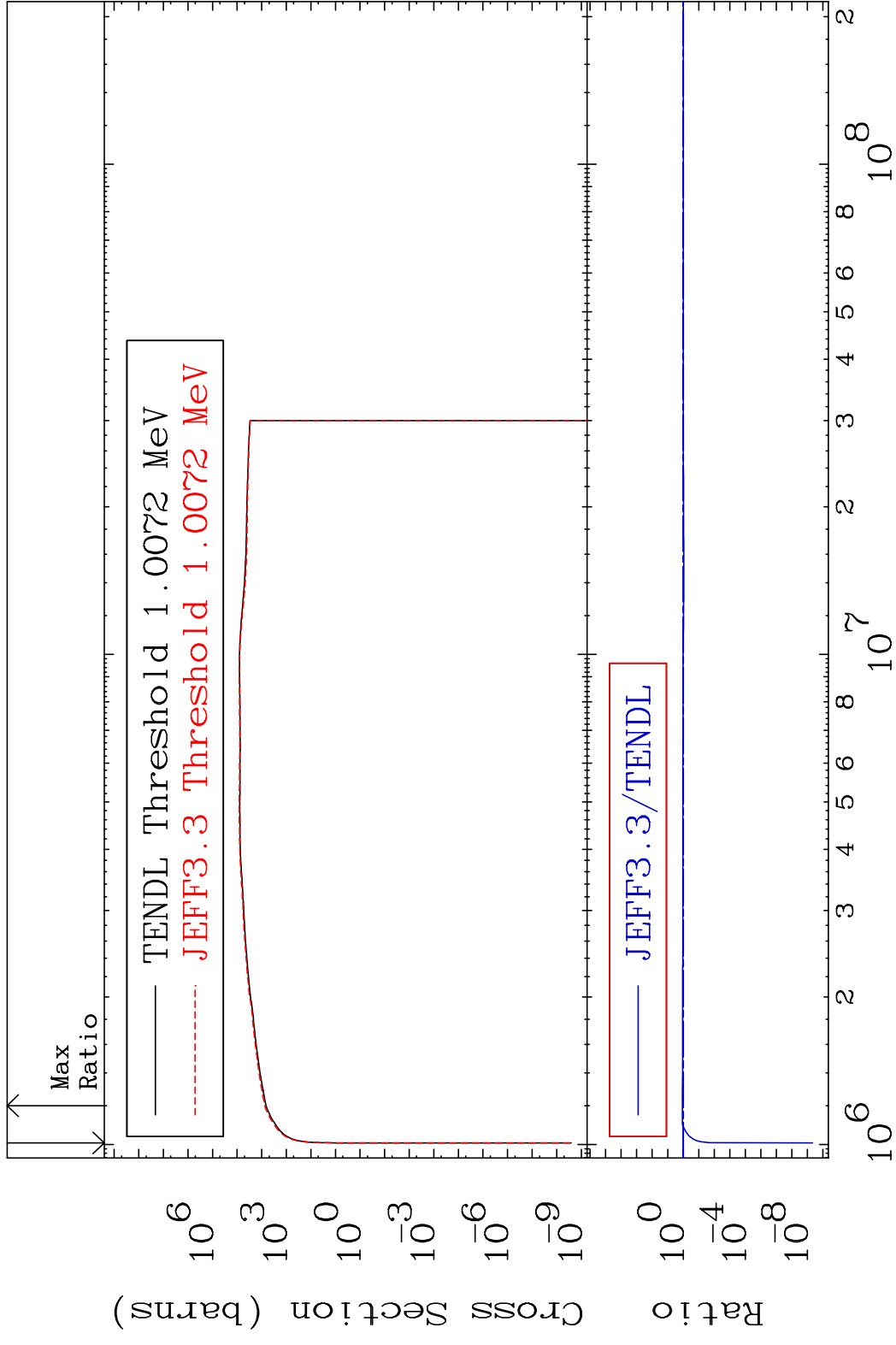


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Incident Energy (eV)

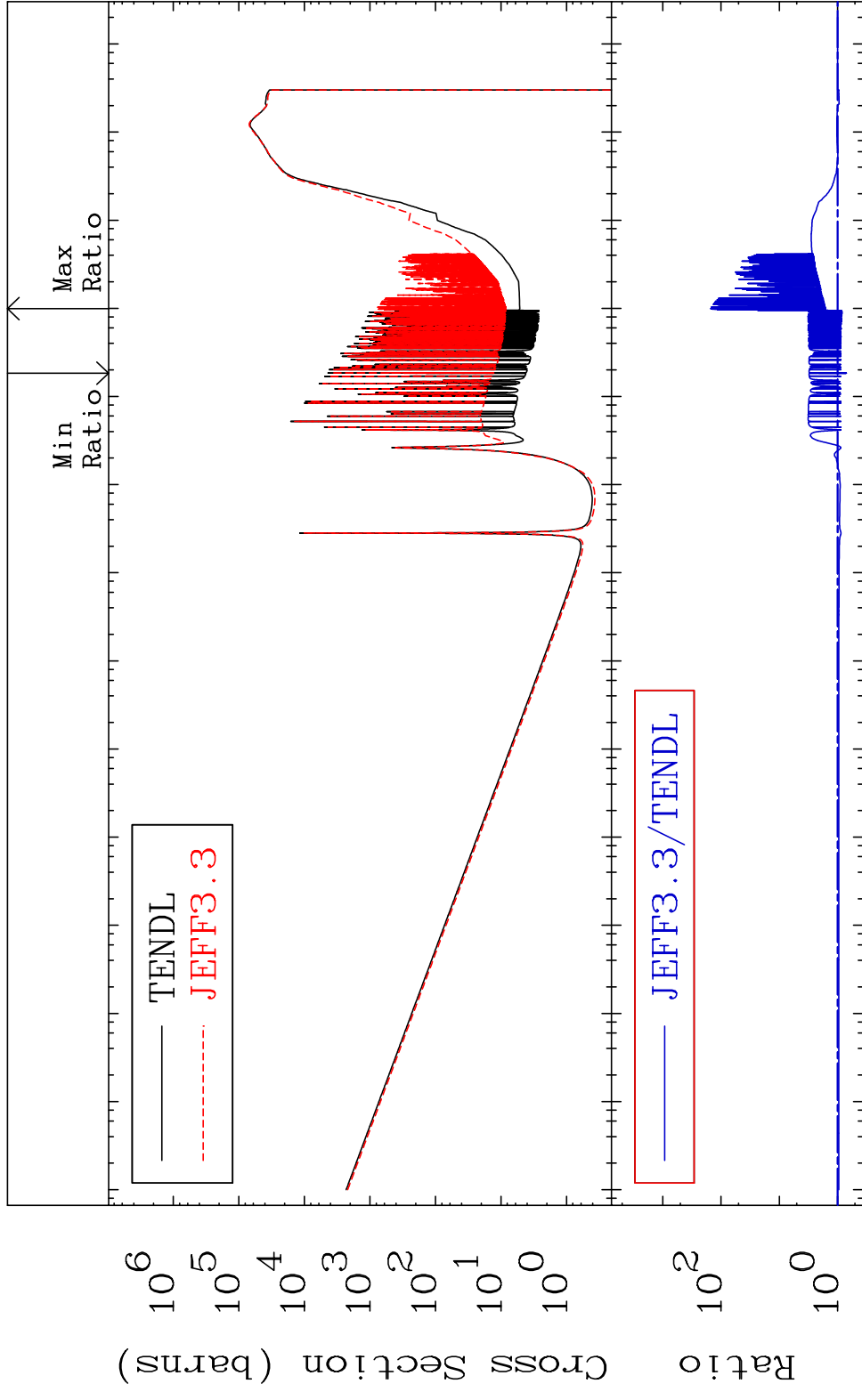
30-Zn-64

MAT 3025      Dpa inelastic (mt51-91)      30-Zn-64  
 Cross Section      -100.0 To 13.50 %



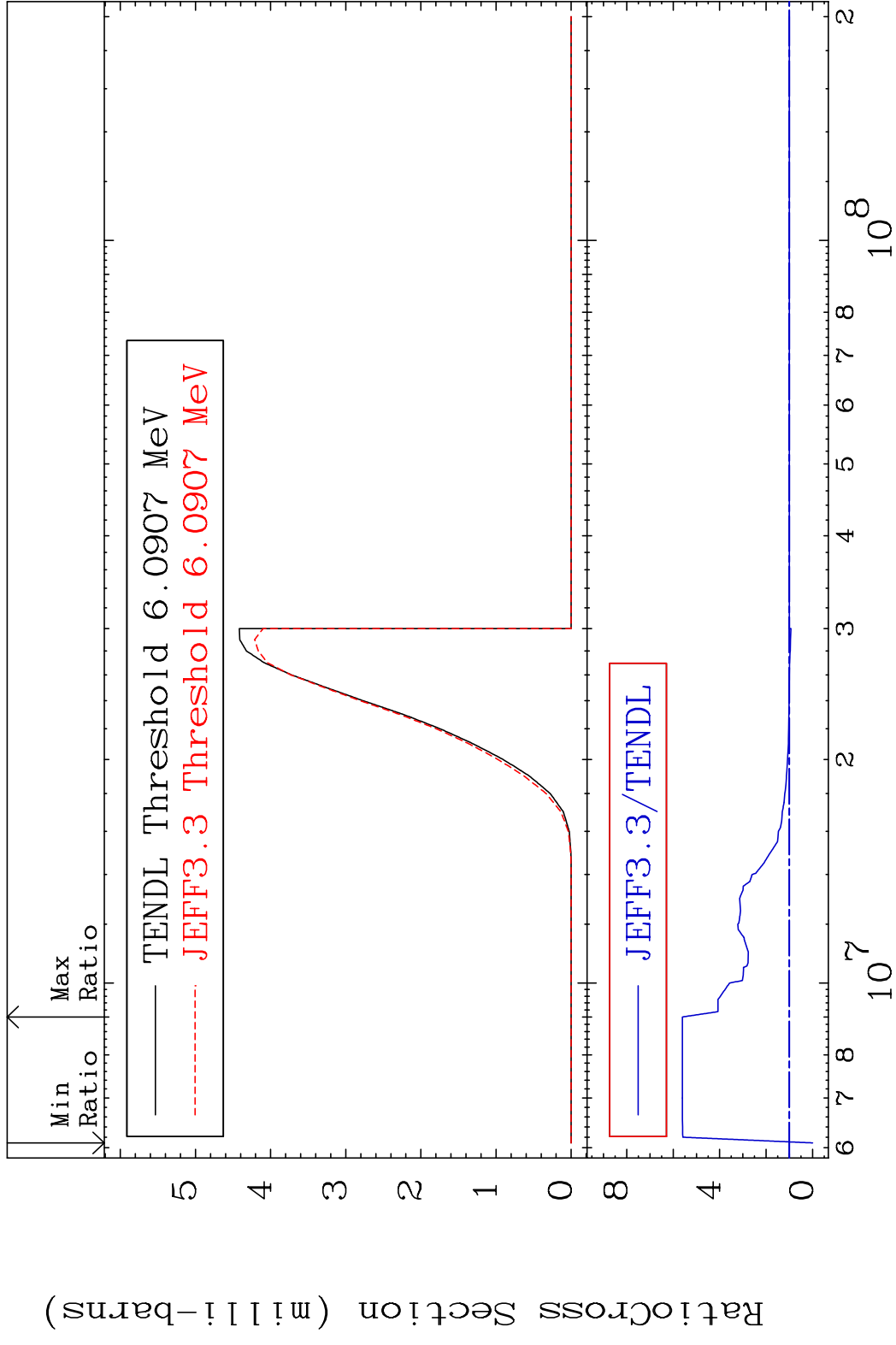
77      Incident Energy (eV)      30-Zn-64

MAT 3025 Dpa disappearance (mt102 -120) 30-Zn-64  
 Cross Section -29.43 To 9999. %



78 Incident Energy (eV) 30-Zn-64

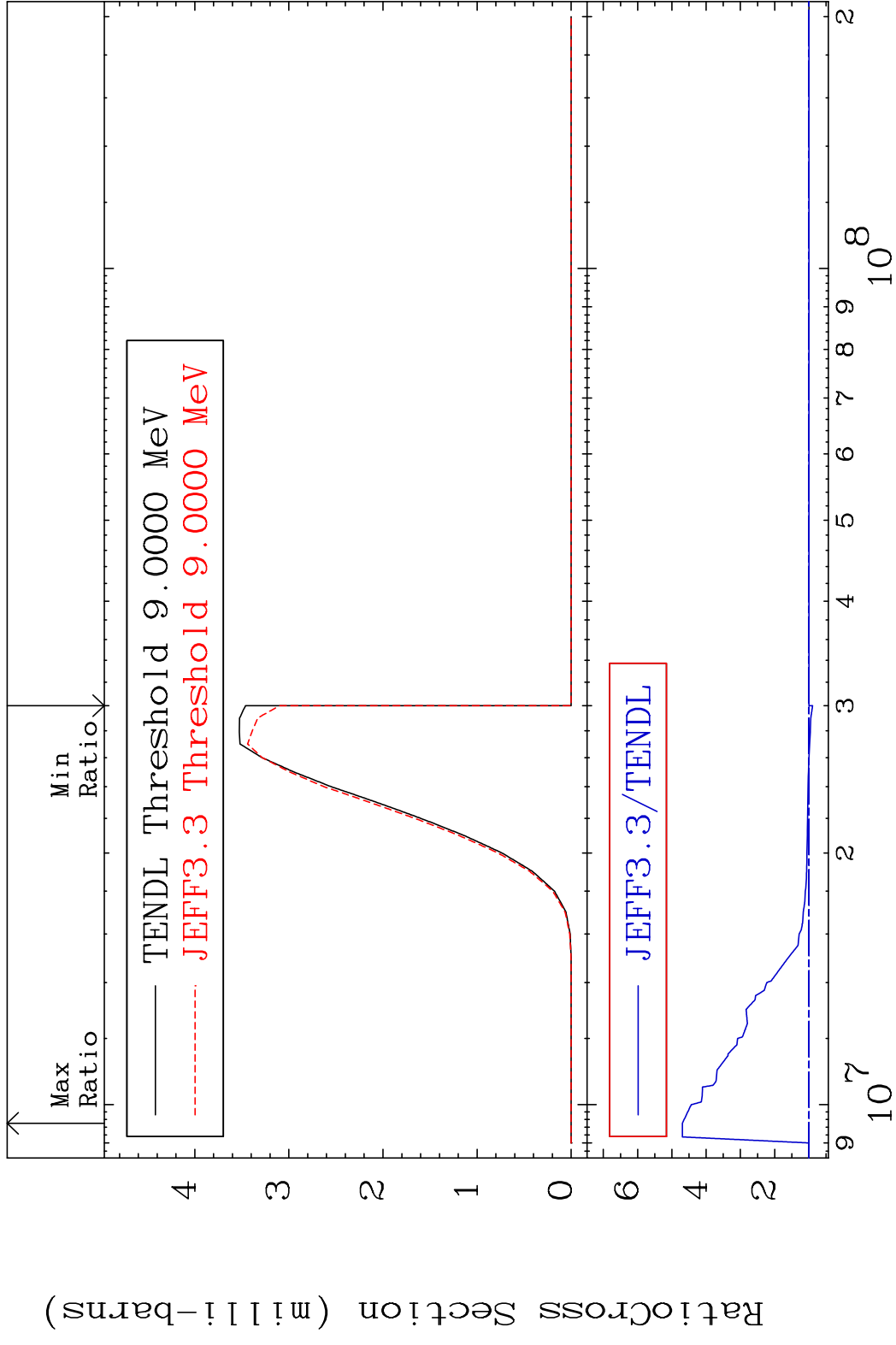
MAT 3025 (n, p)  $\alpha$ :27-Co-60g 30-Zn-64  
 Radionuclide Production Cross Section 180.0 dth 460.7 %



79 Incident Energy (eV) 30-Zn-64



MAT 3025 (n,p)  $\alpha$ :27-Co-60m1 30-Zn-64  
 Radionuclide Production Cross Section 186491 d10 369.5 %



80 Incident Energy (eV) 30-Zn-64