

Program Complot  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

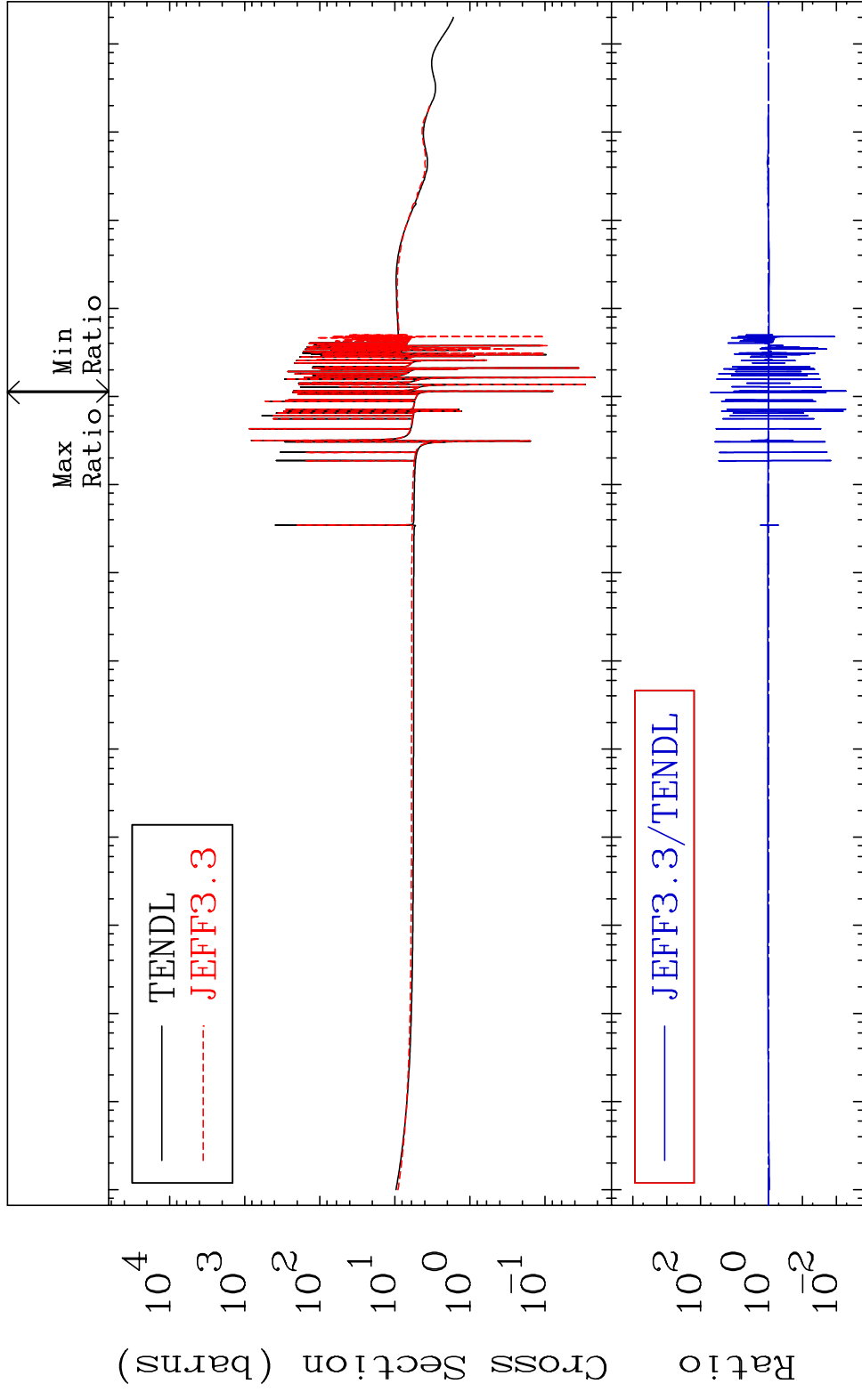
MAT 4225

Total

42-Mo-92

Cross Section

-99.49 To 4951. %



1

Incident Energy (eV)

42-Mo-92

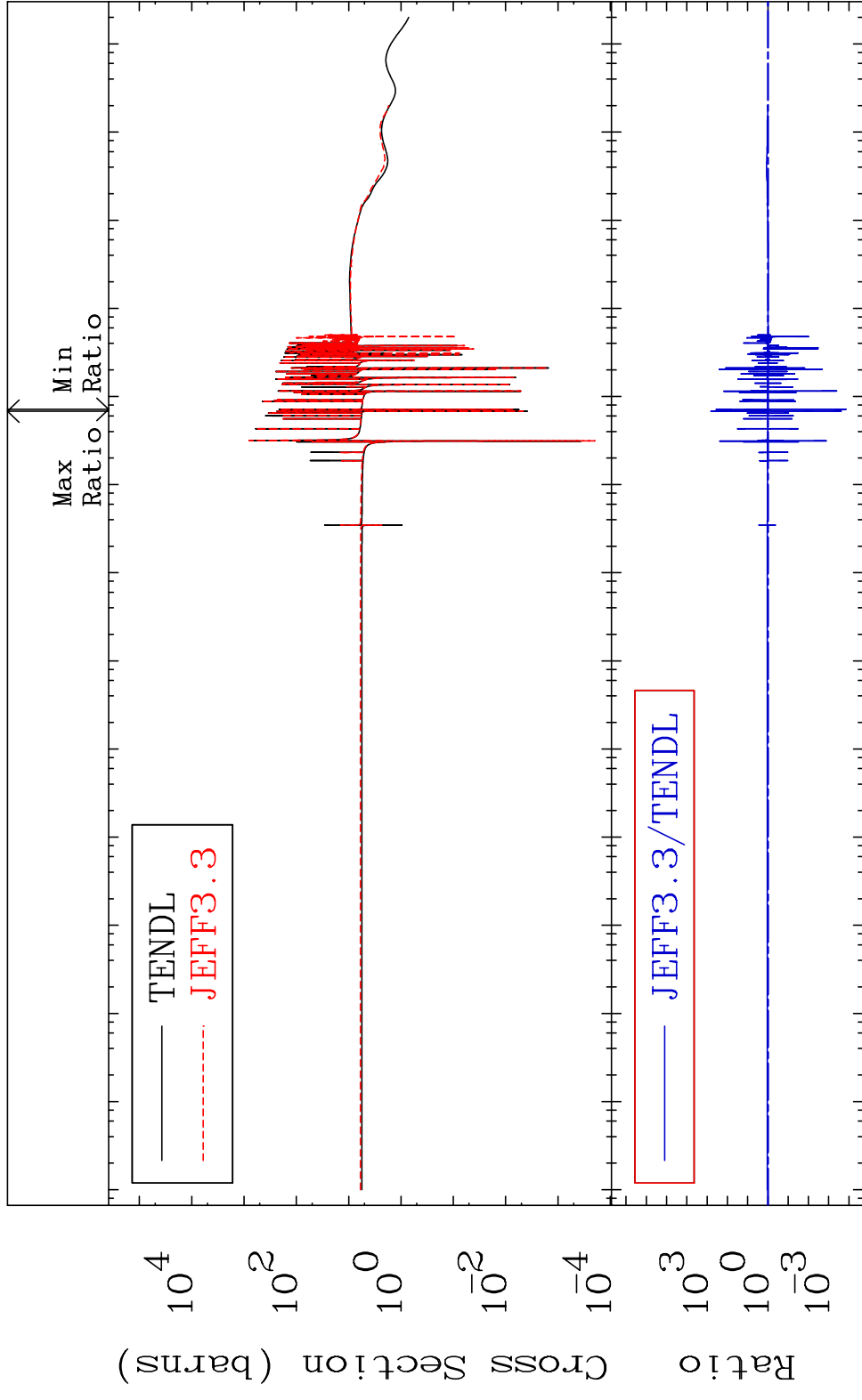
MAT 4225

Elastic

42-Mo-92

Cross Section

-99.99 To 9999. %



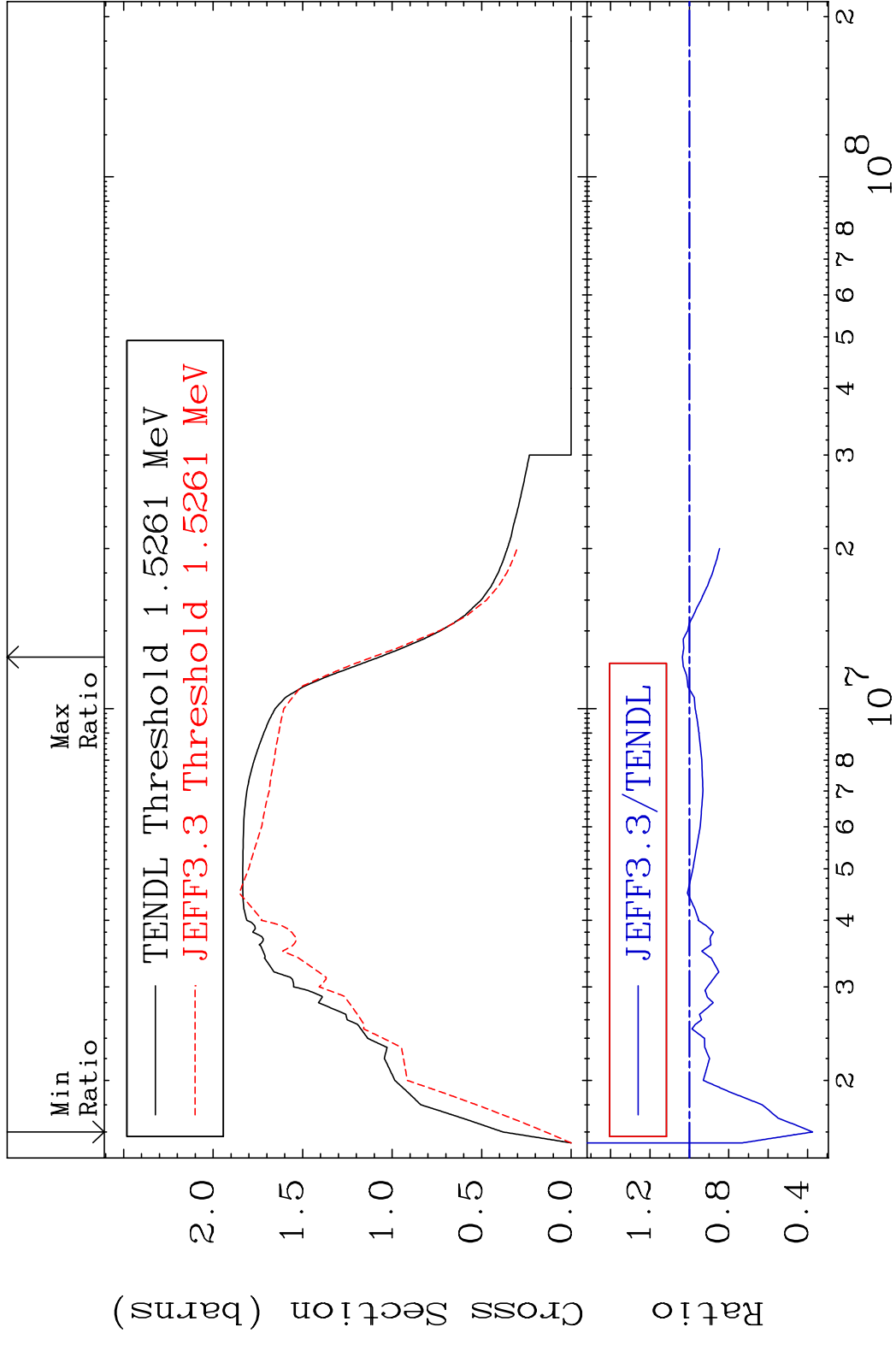
Ratio

2

Incident Energy (eV)

42-Mo-92

MAT 4225 Inelastic 42-Mo-92  
 Cross Section -62.57 To 3.568 %

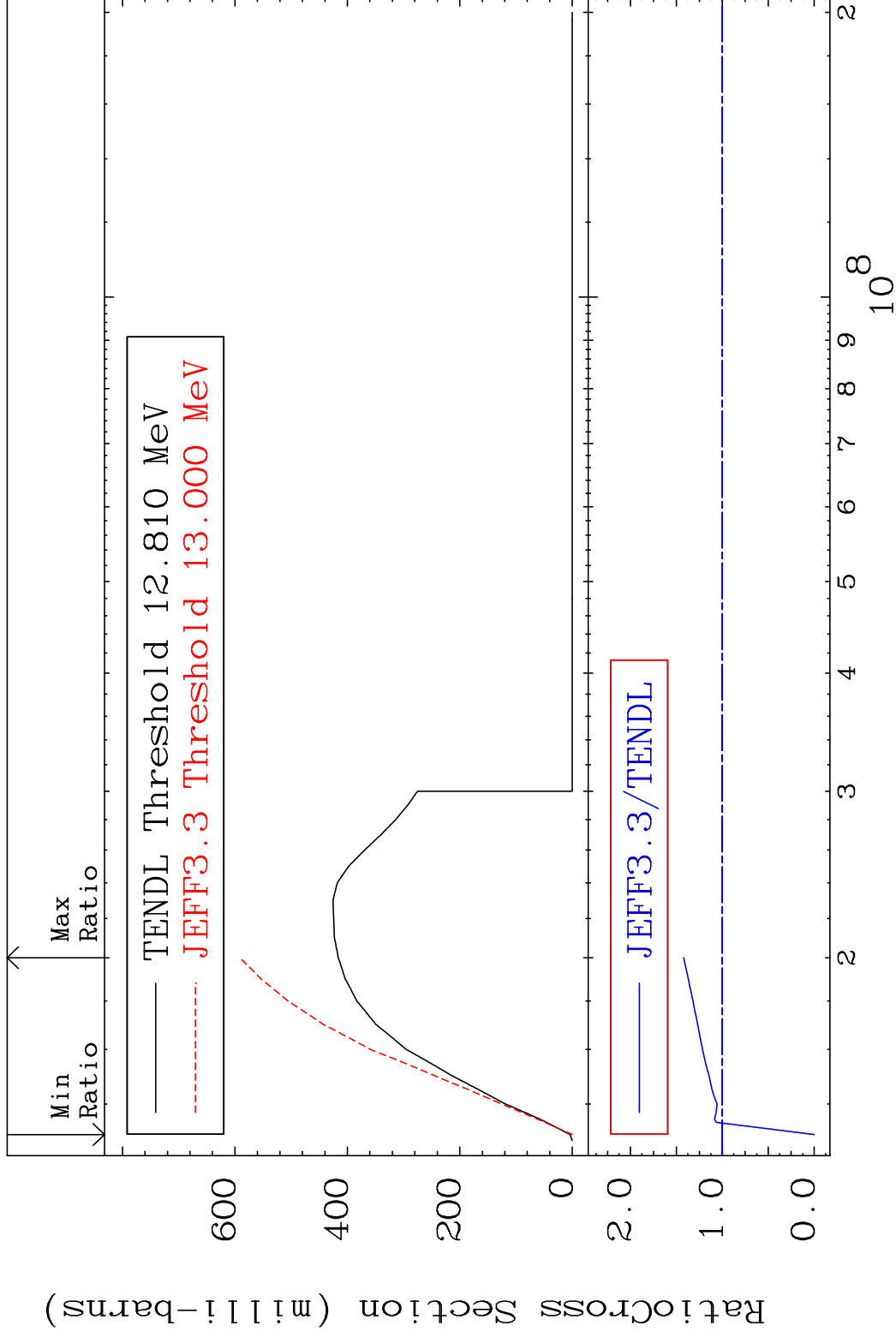


MAT 4225

(n,2n)

42-Mo-92

Cross Section -100.0 To 42.10 %



4

Incident Energy (eV)

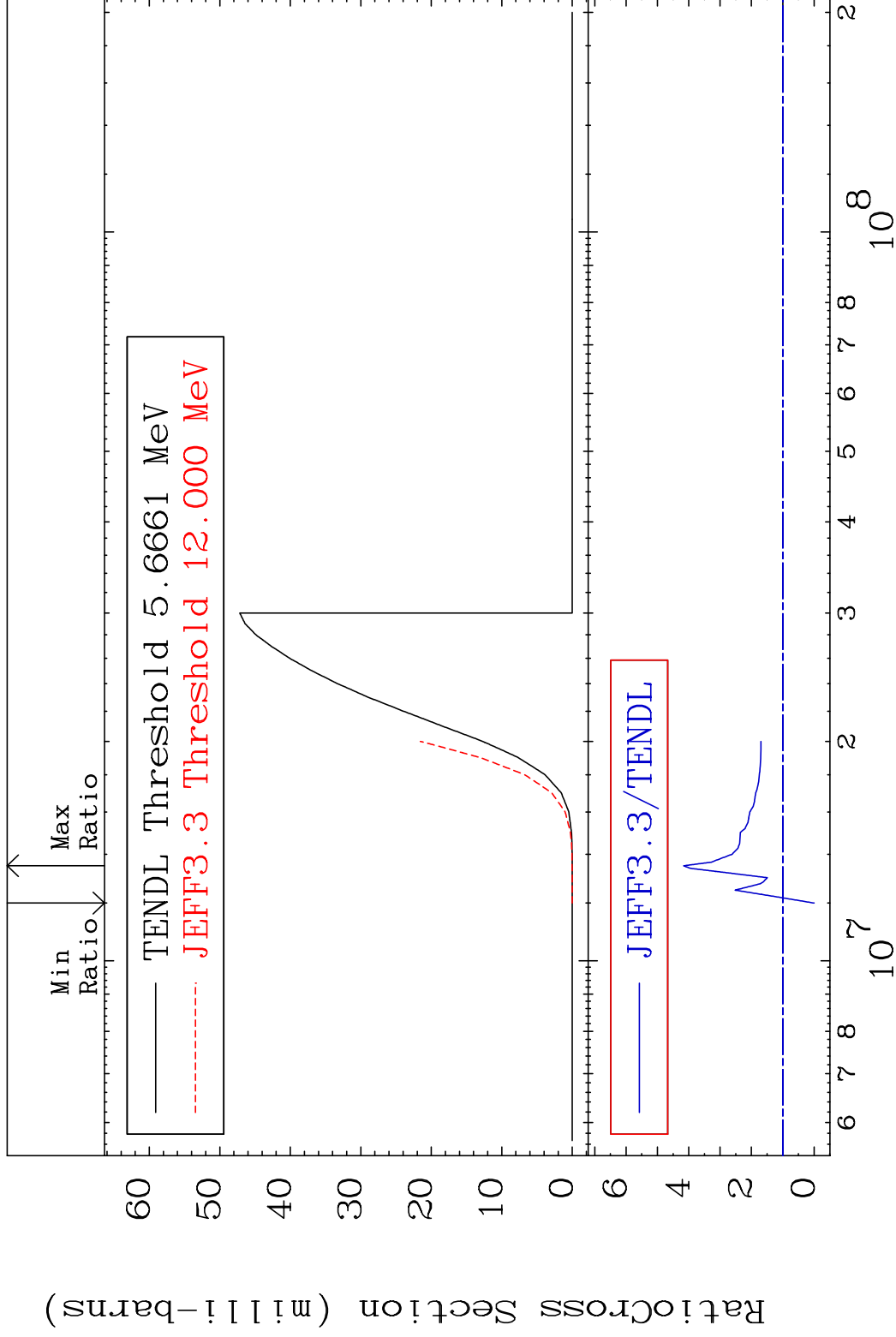
42-Mo-92

MAT 4225

(n, n')  $\alpha$

42-Mo-92

Cross Section -100.0 To 316.3 %



5

Incident Energy (eV)

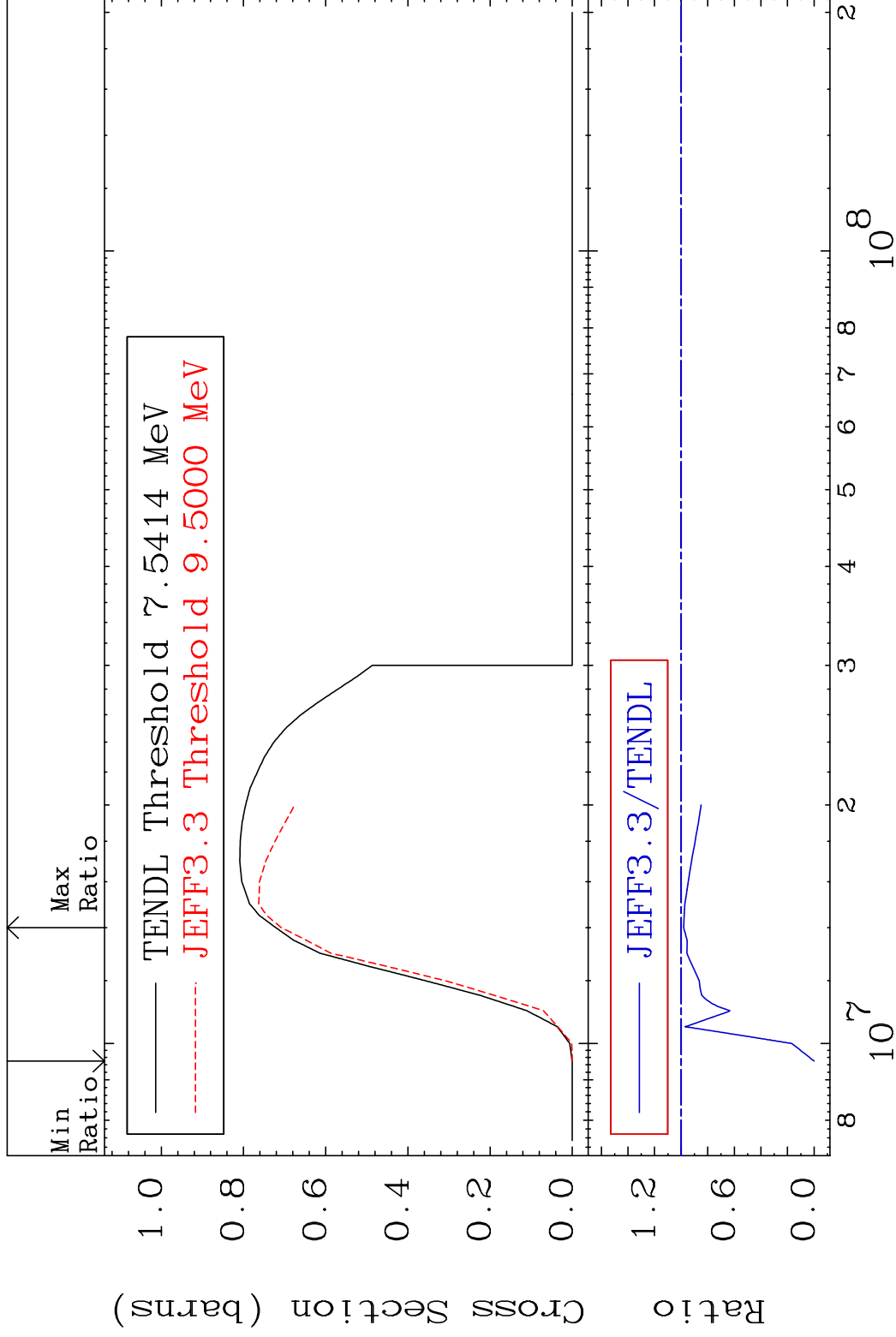
42-Mo-92

MAT 4225

(n, n') p

42-Mo-92

Cross Section -100.0 To -1.896%



6

Incident Energy (eV)

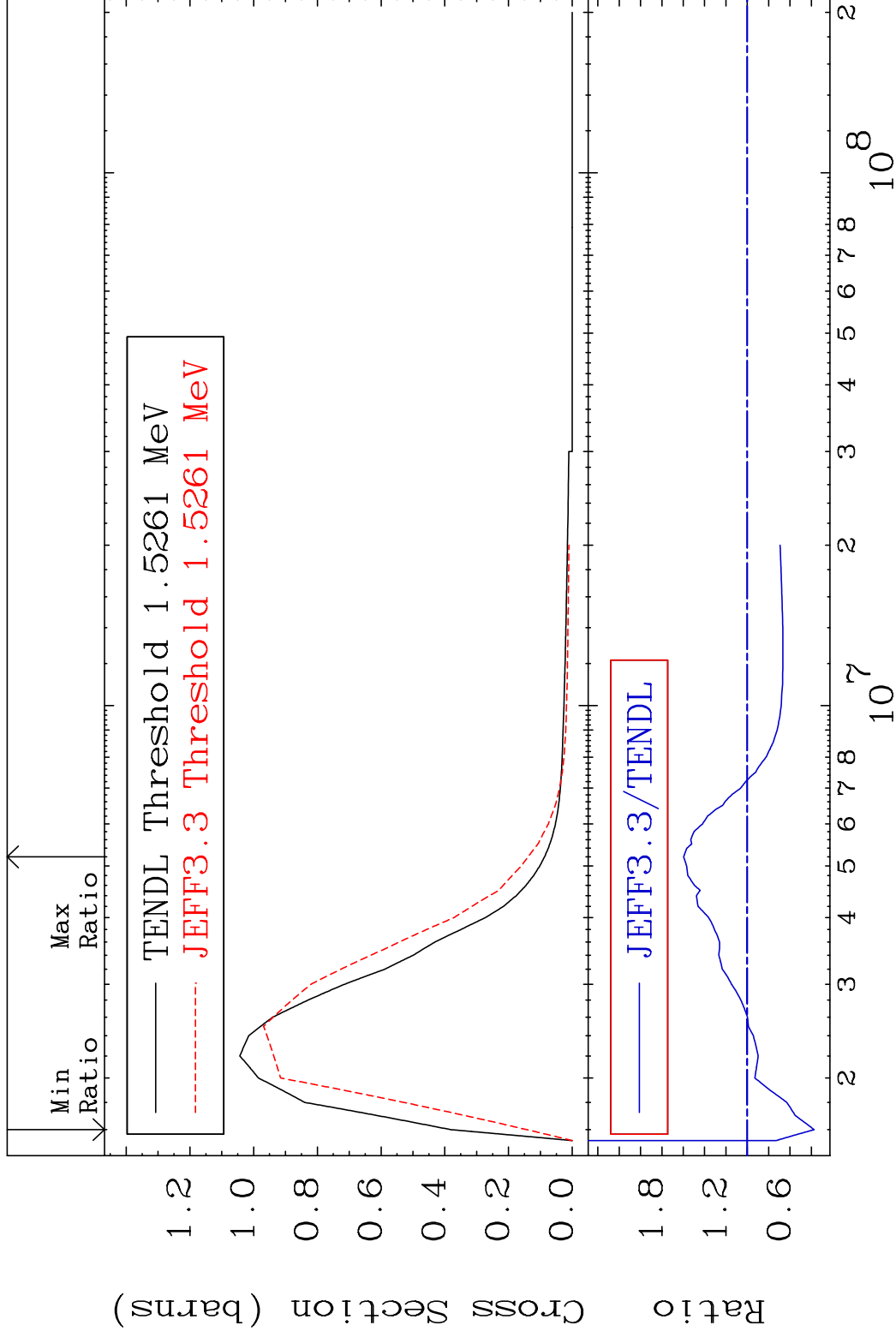
42-Mo-92

MAT 4225

MT= 51 (n, n') Level

42-Mo-92

Cross Section -62.57 To 59.60 %



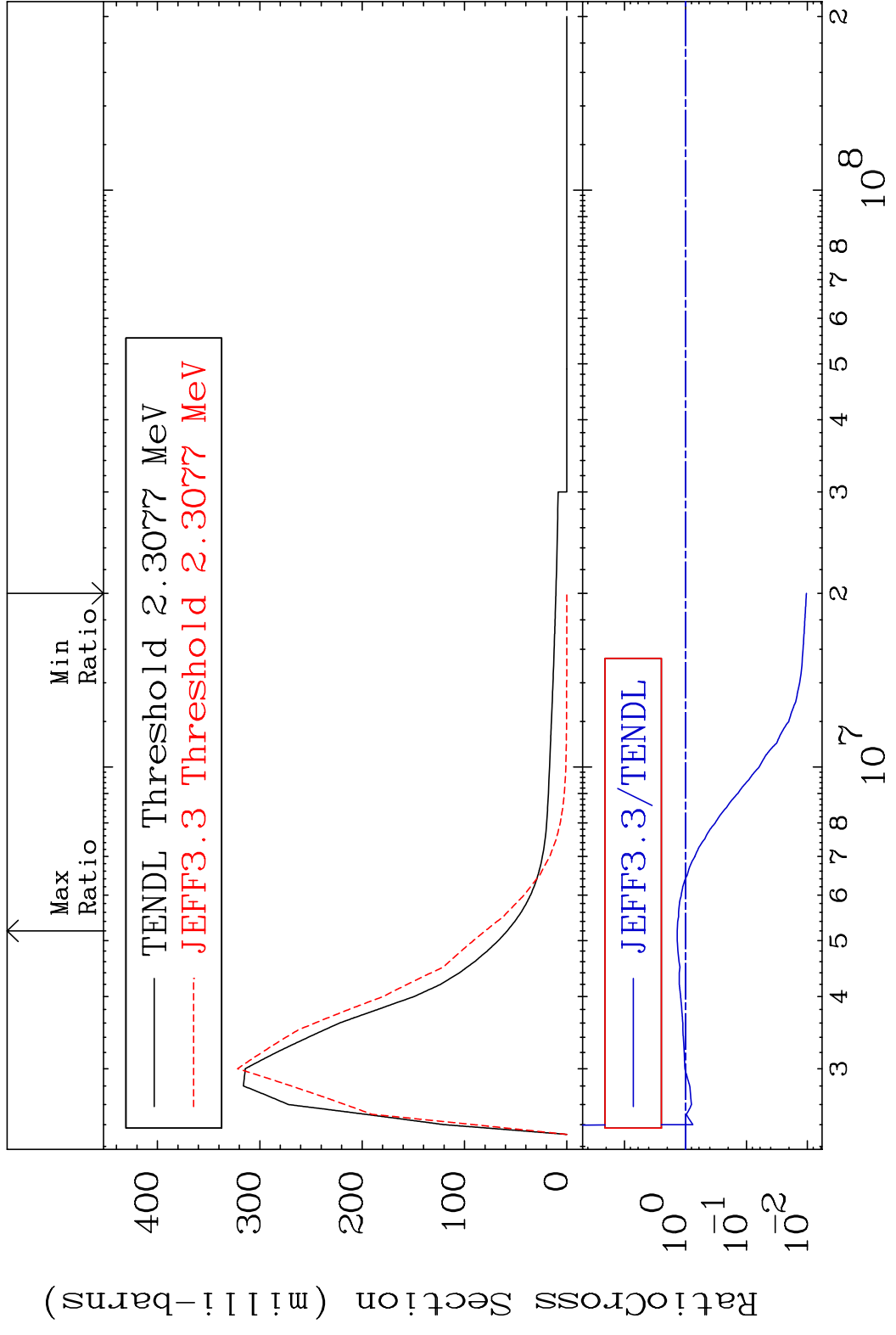
7

Incident Energy (eV)

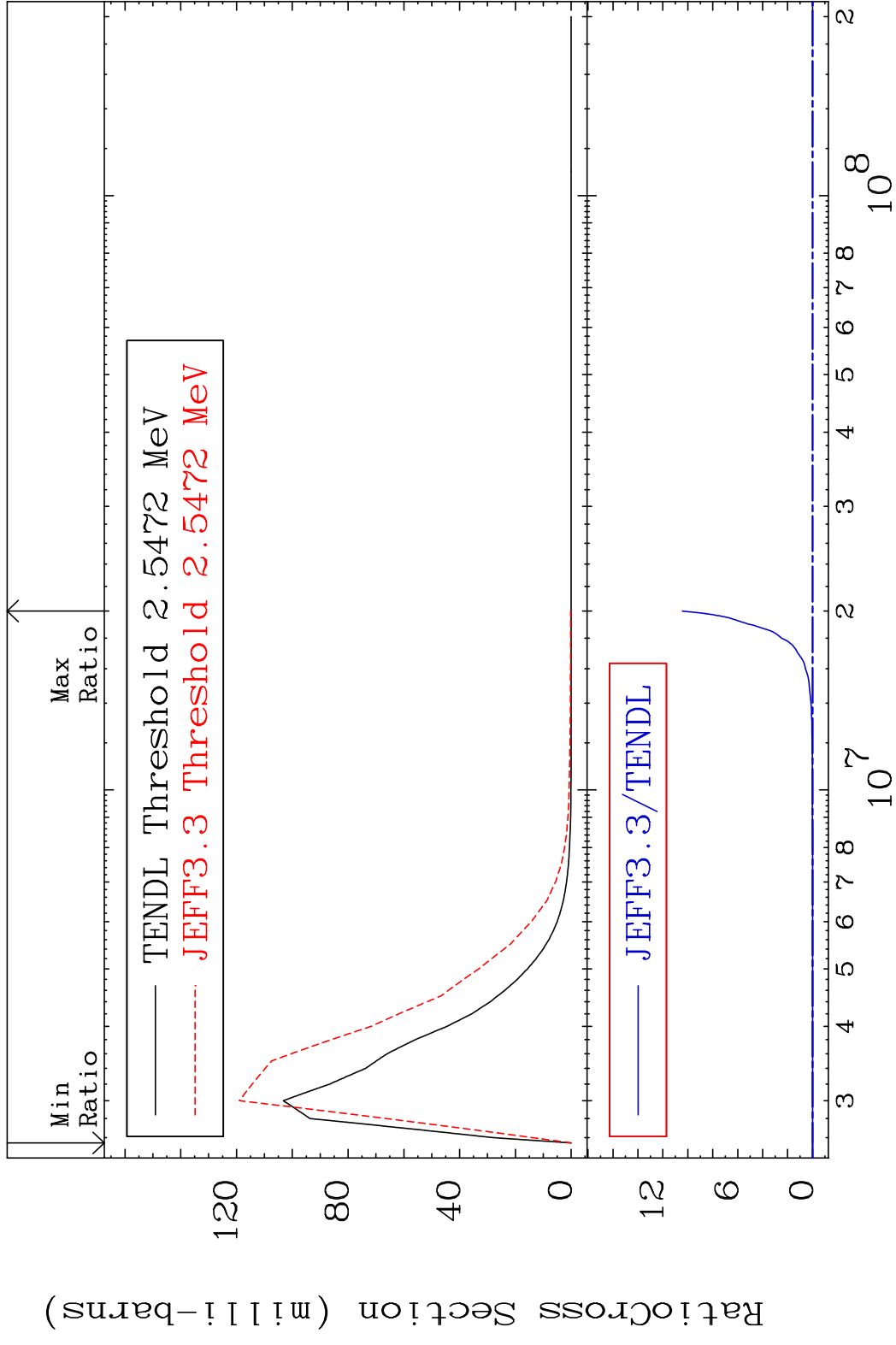
42-Mo-92



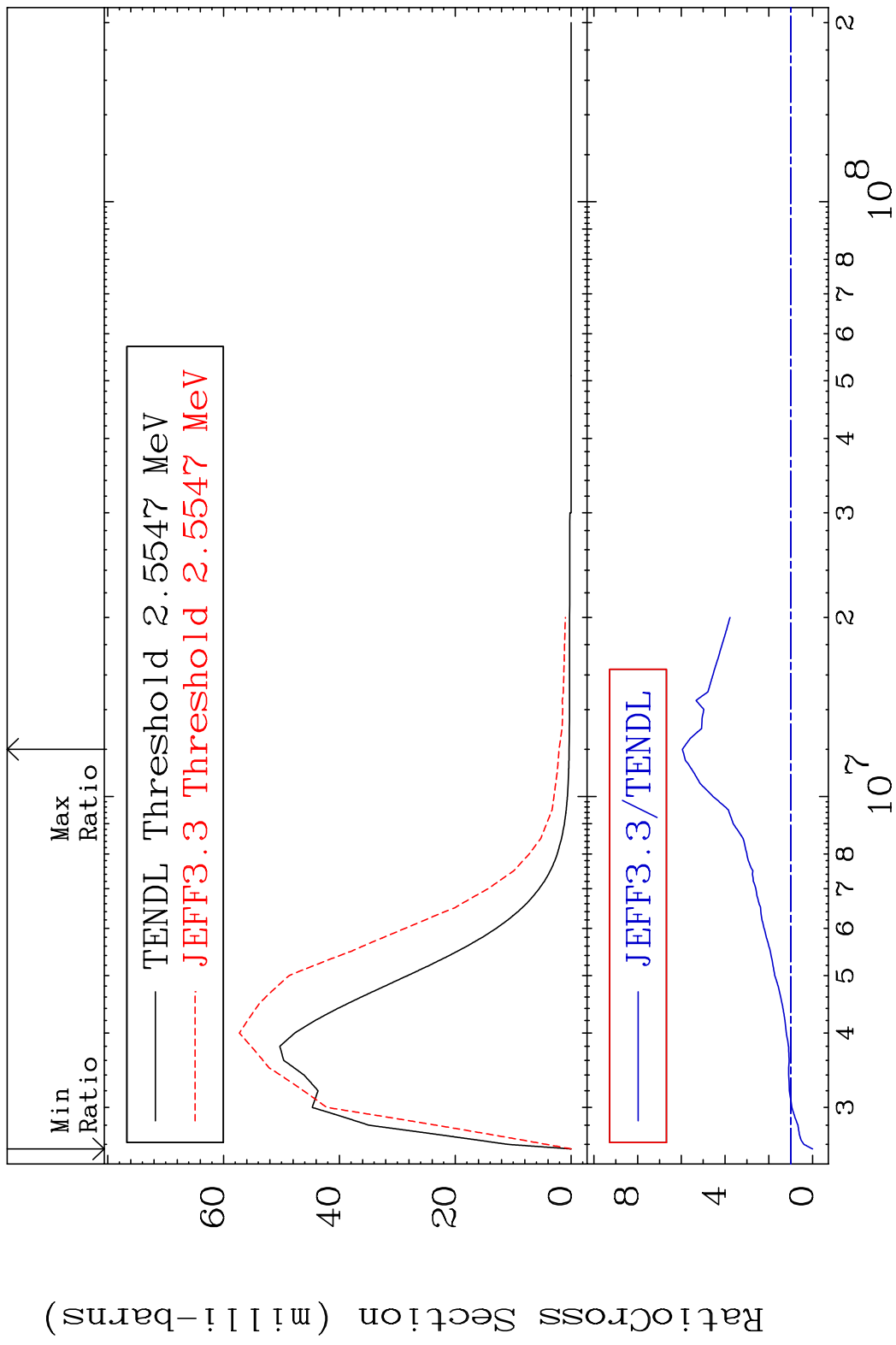
MAT 4225 MT= 52 (n, n') Level 42-Mo-92  
 Cross Section -98.96 To 36.91 %



MAT 4225 MT= 53 (n, n') Level 42-Mo-92  
 Cross Section -100.0 To 9999. %

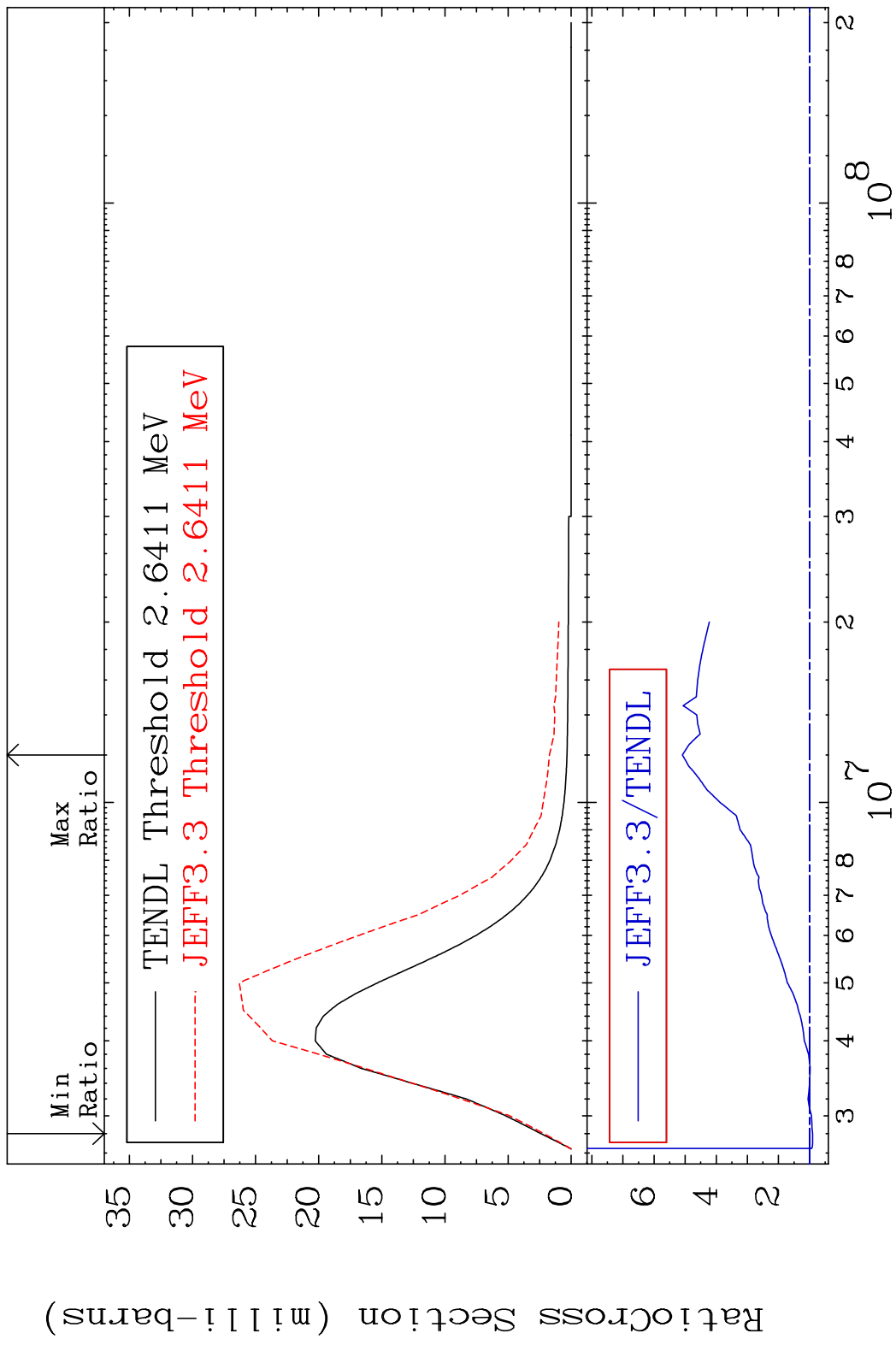


MAT 4225 MT= 54 (n,n') Level 42-Mo-92  
Cross Section -100.0 To 495.4 %

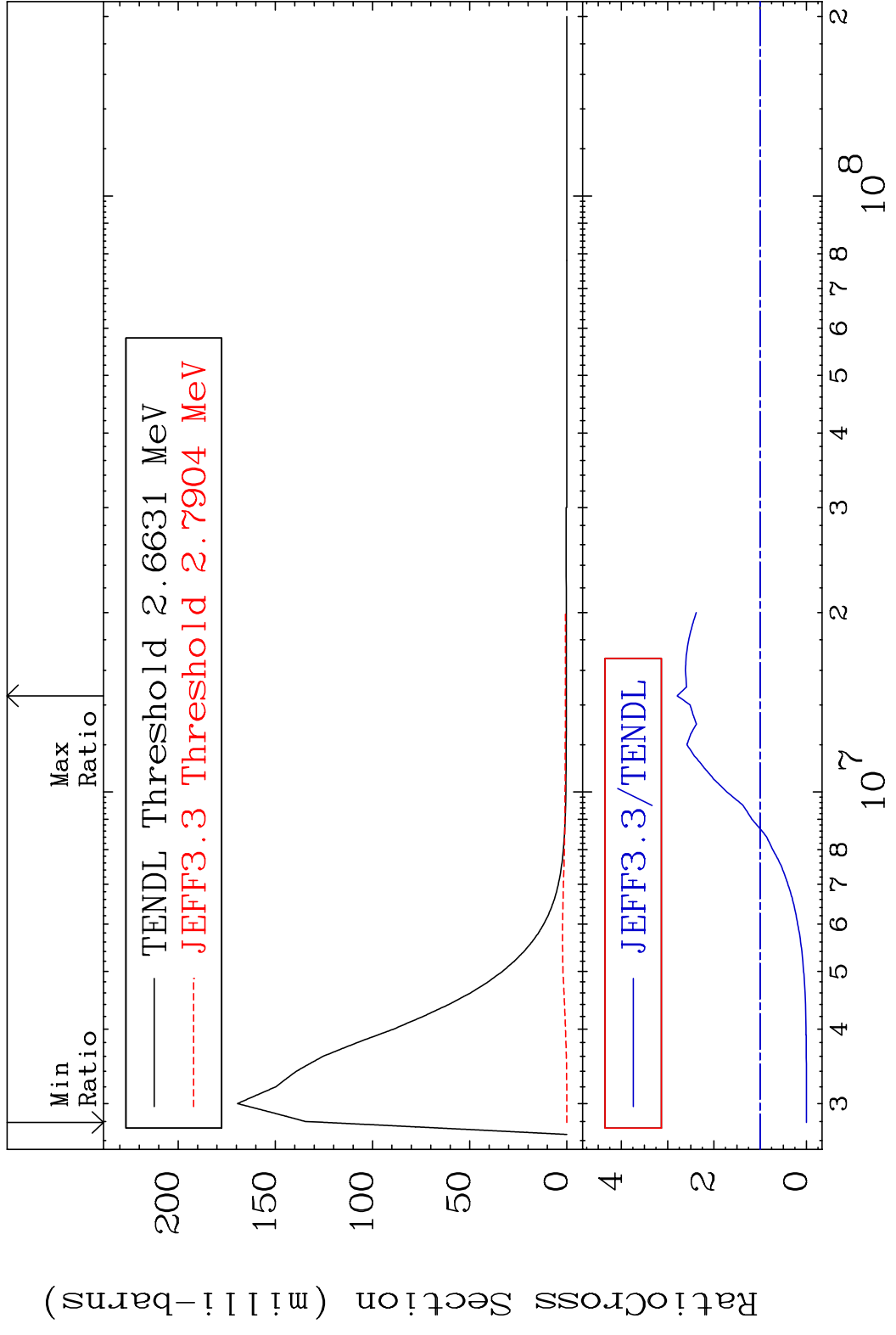


10 10 10 2 8 4 2 3 4 5 6 7 8 10 8 42-Mo-92

MAT 4225 MT= 55 (n, n') Level 42-Mo-92  
 Cross Section -9.523 To 409.1 %

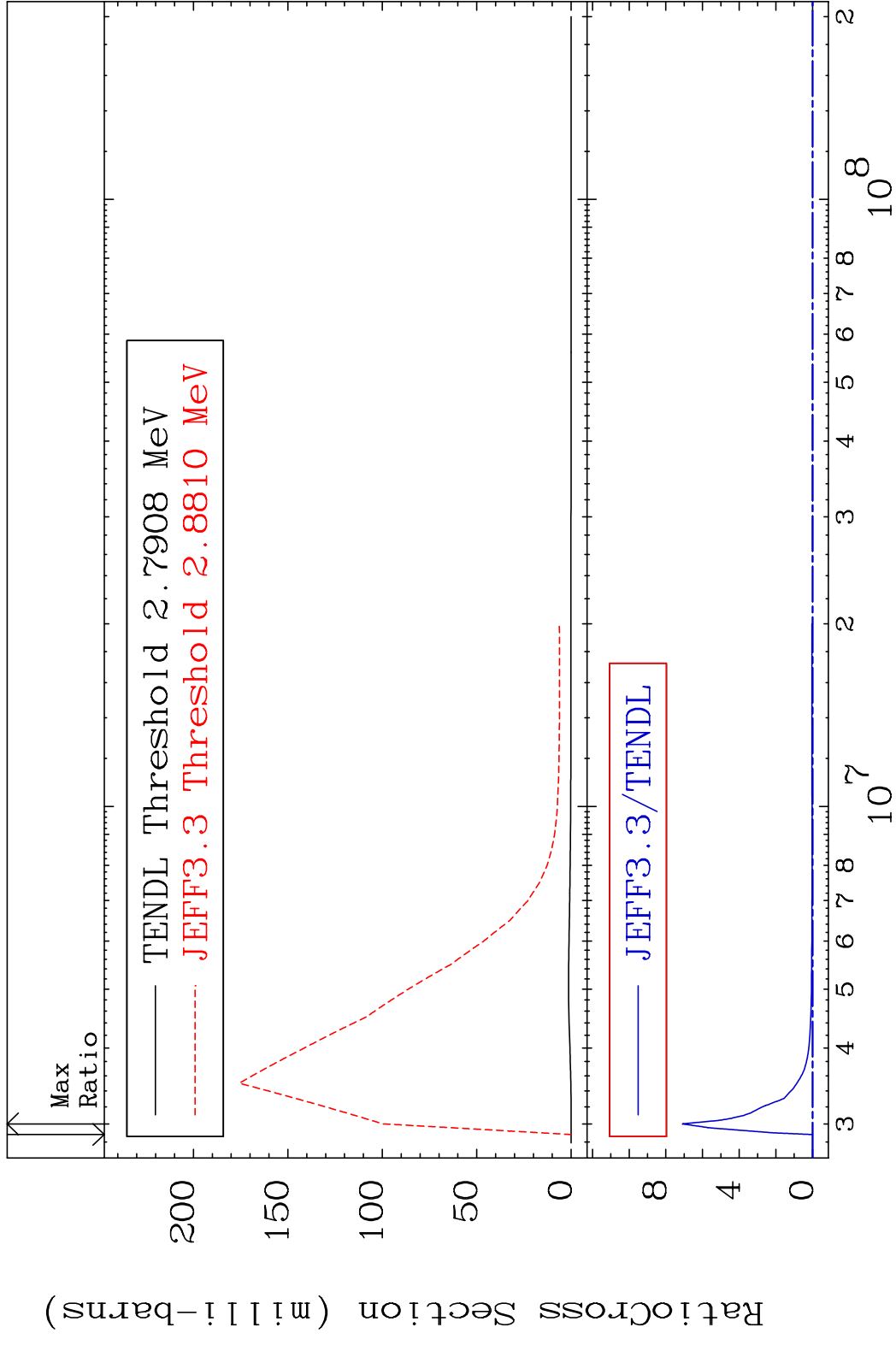


MAT 4225 MT= 56 (n, n') Level 42-Mo-92  
 Cross Section -100.0 To 179.3 %

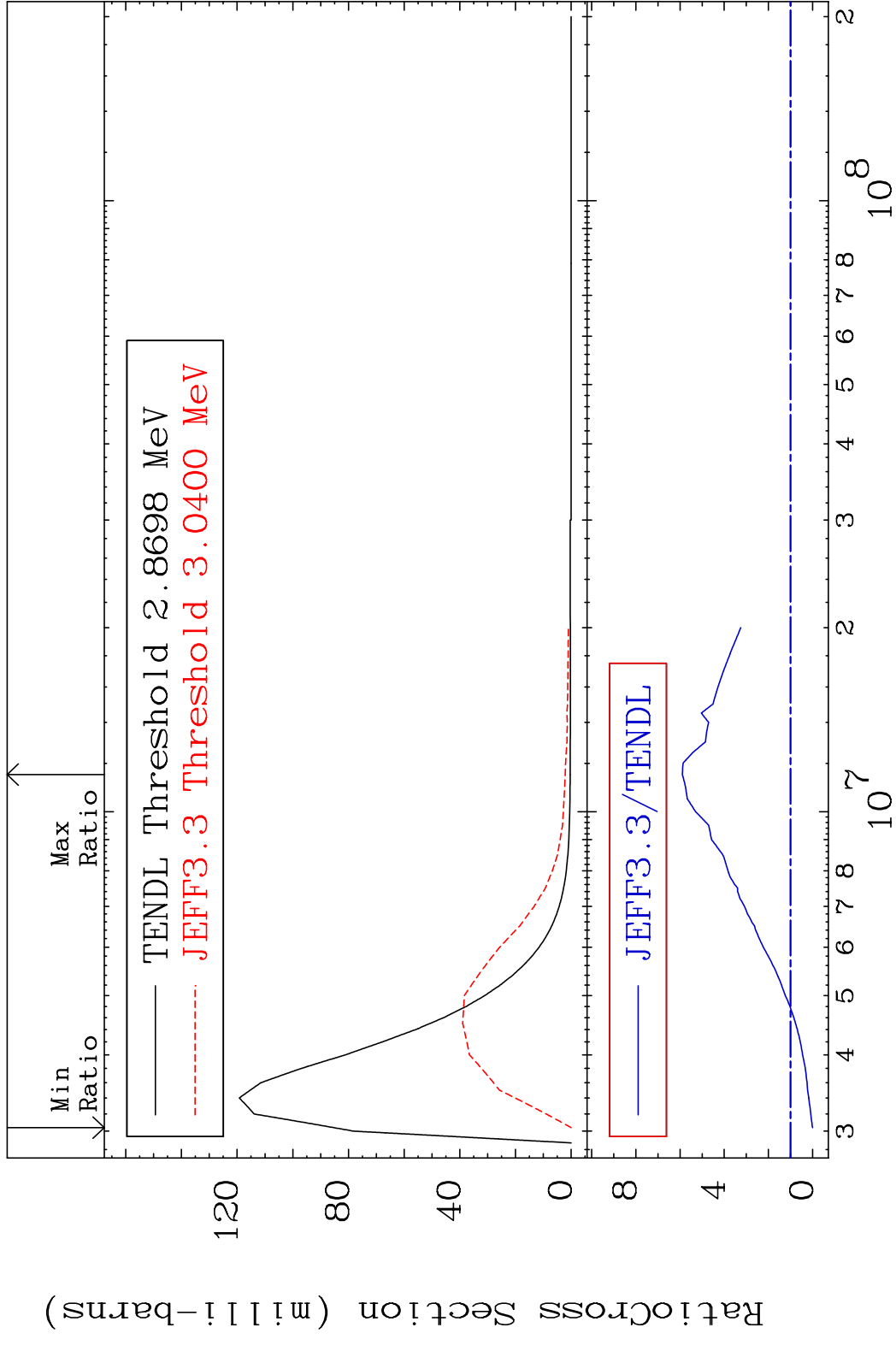


12 Incident Energy (eV) 42-Mo-92

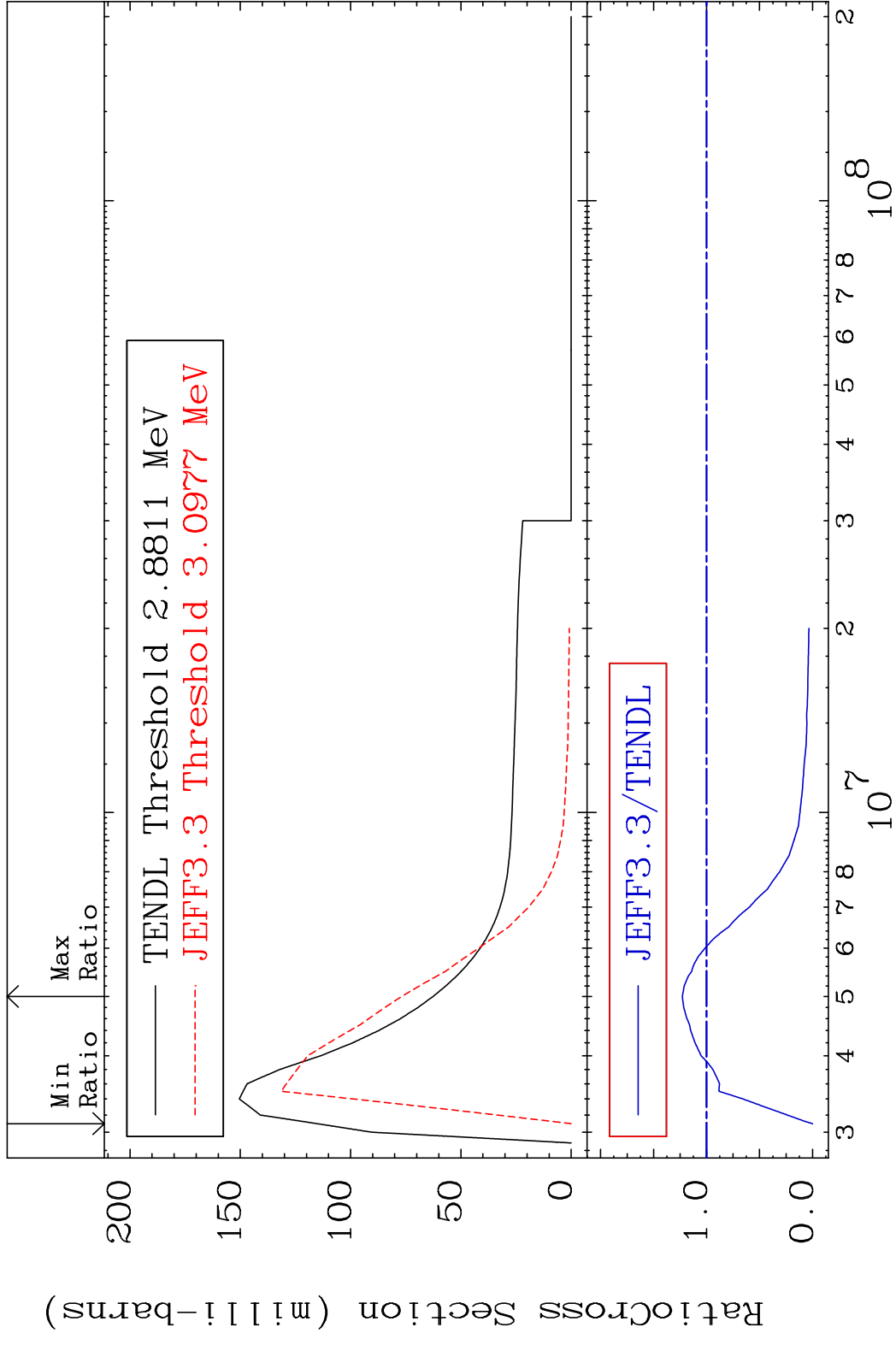
MAT 4225 MT= 57 (n, n') Level 42-Mo-92  
 Cross Section -100.0 To 9999. %



MAT 4225 MT= 58 (n, n') Level 42-Mo-92  
 Cross Section -100.0 To 489.5 %



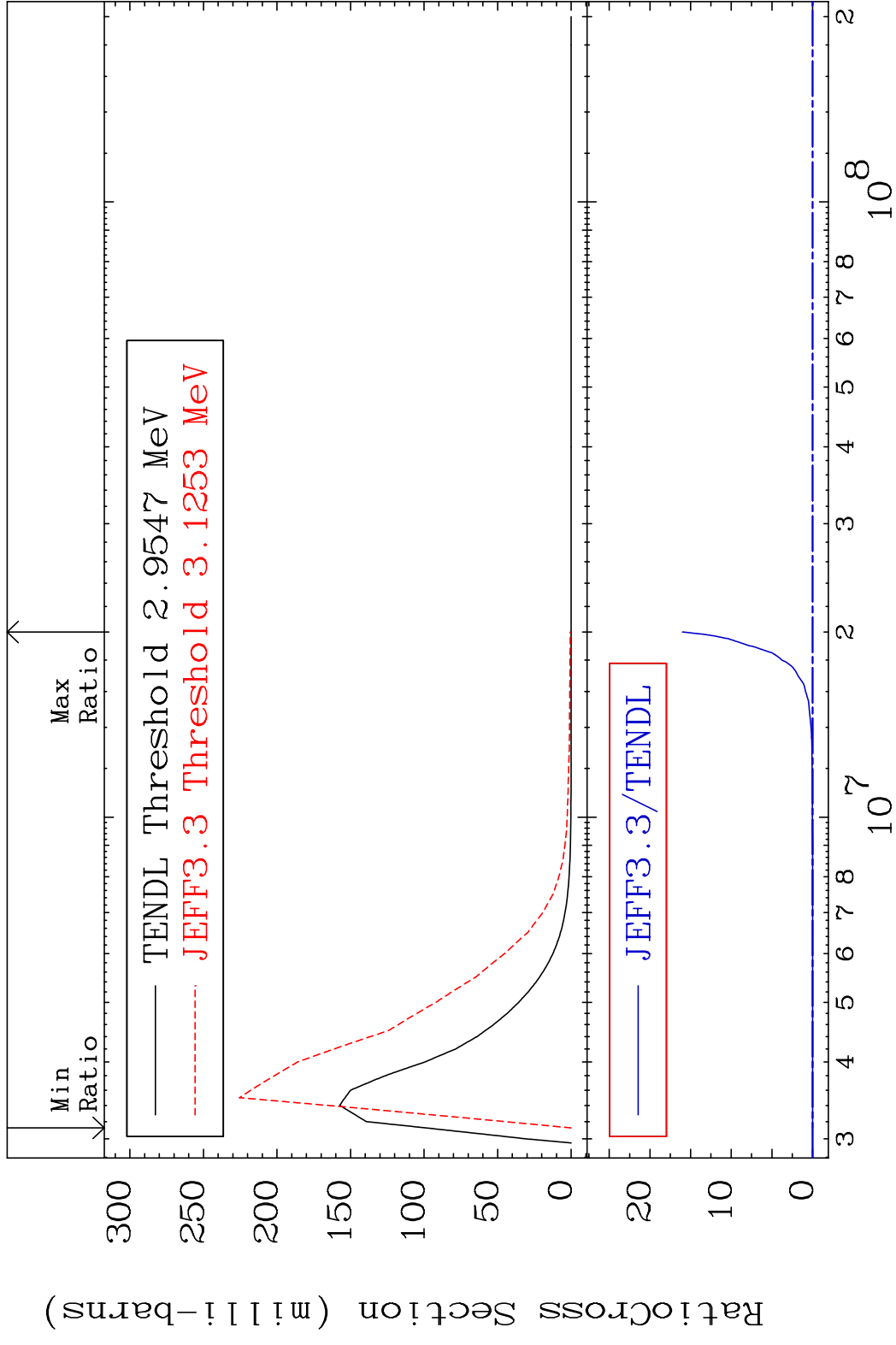
MAT 4225 MT= 59 (n,n') Level 42-Mo-92  
 Cross Section -100.0 To 22.85 %



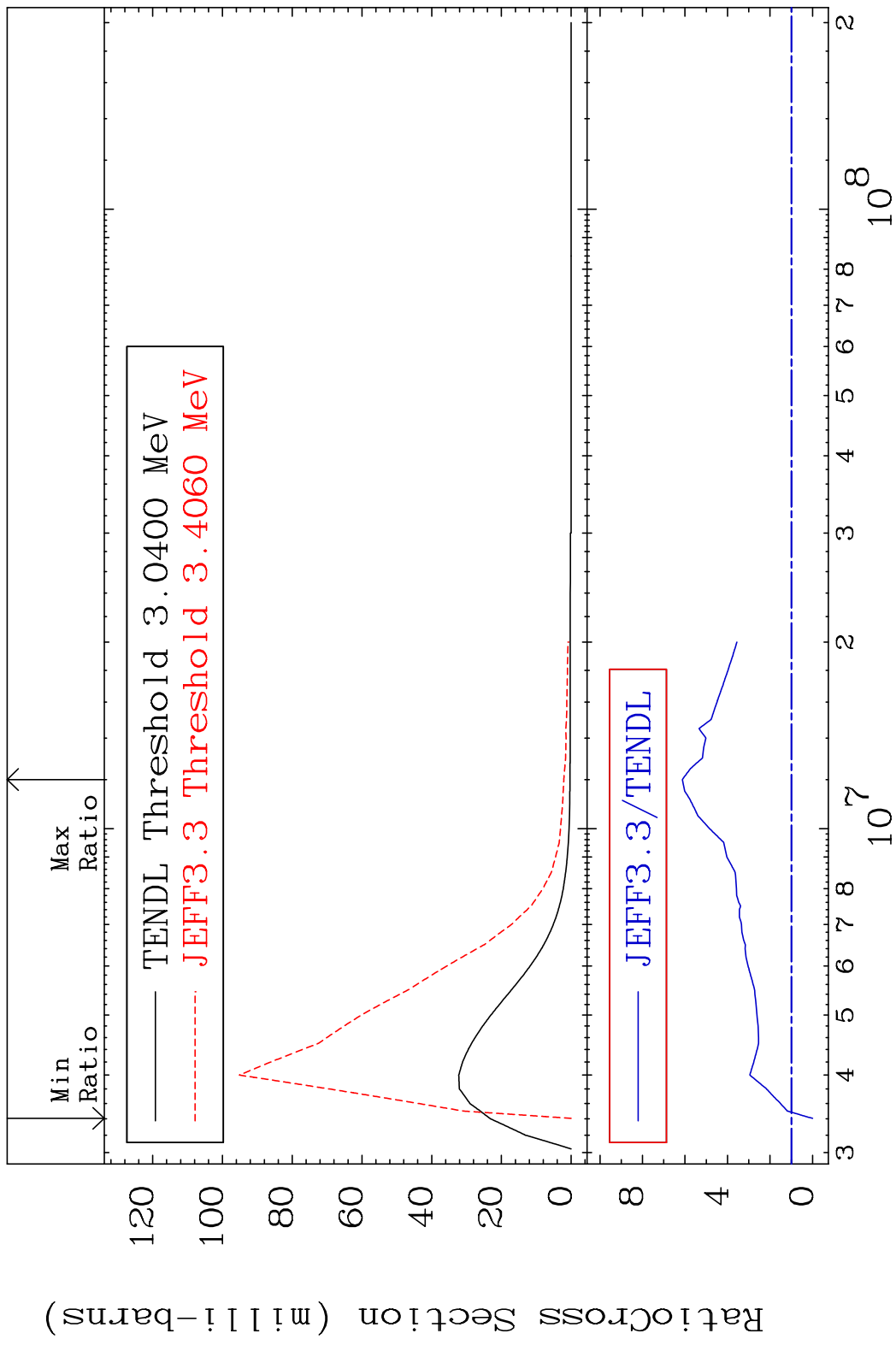
15 Incident Energy (eV) 42-Mo-92



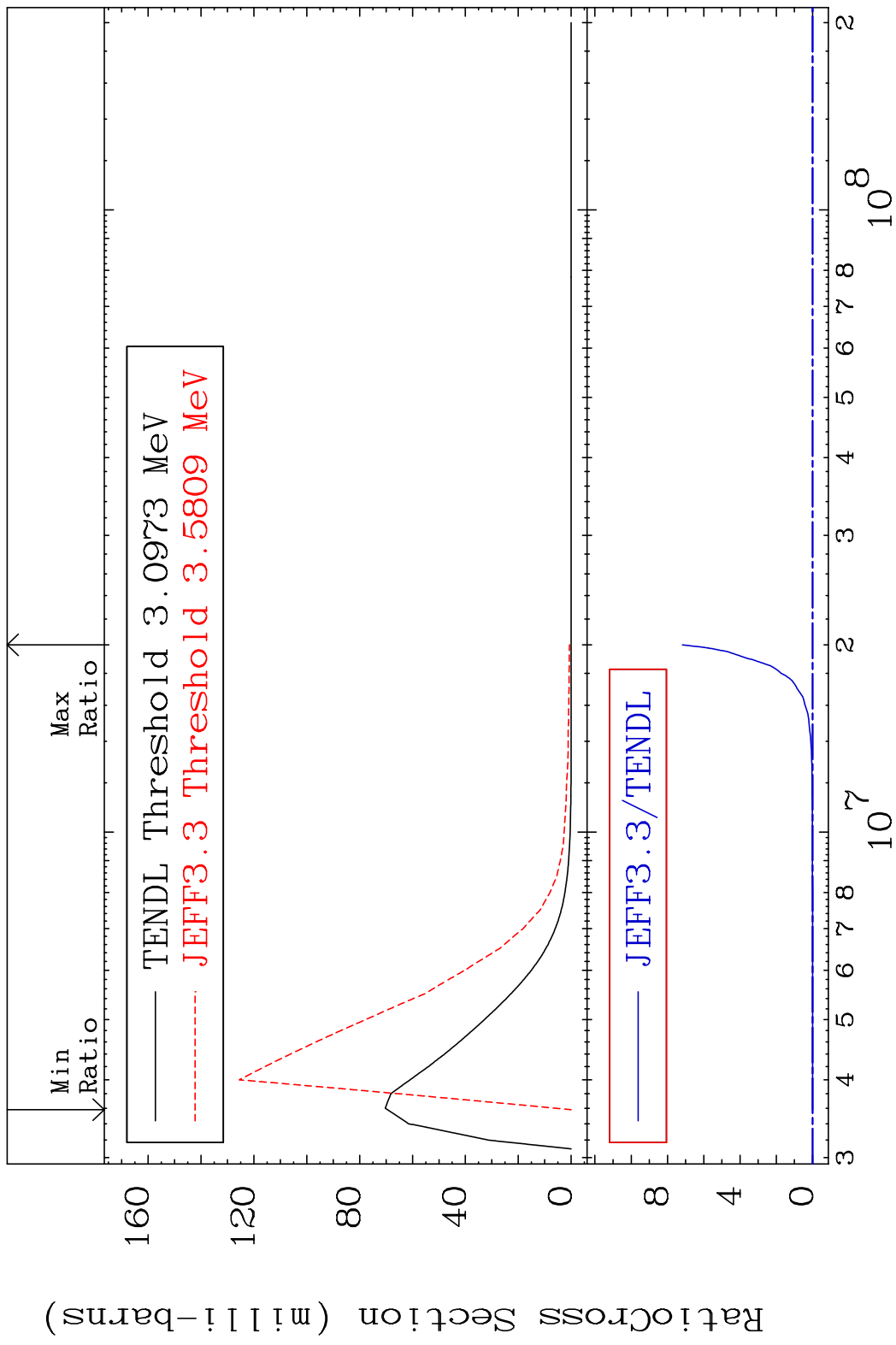
MAT 4225 MT= 60 (n, n') Level 42-Mo-92  
 Cross Section -100.0 To 9999. %



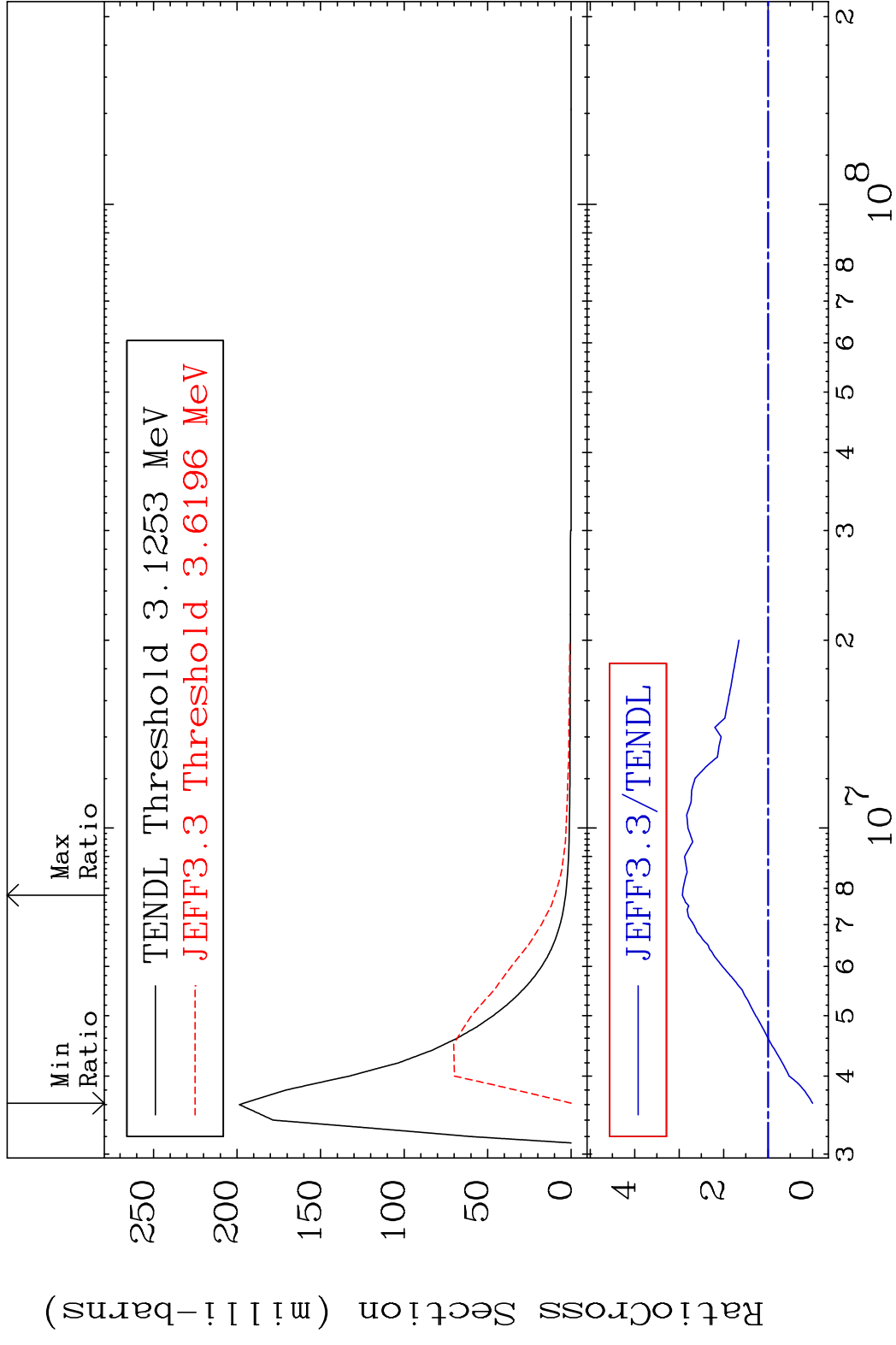
MAT 4225 MT= 61 (n, n') Level 42-Mo-92  
 Cross Section -100.0 To 512.5 %



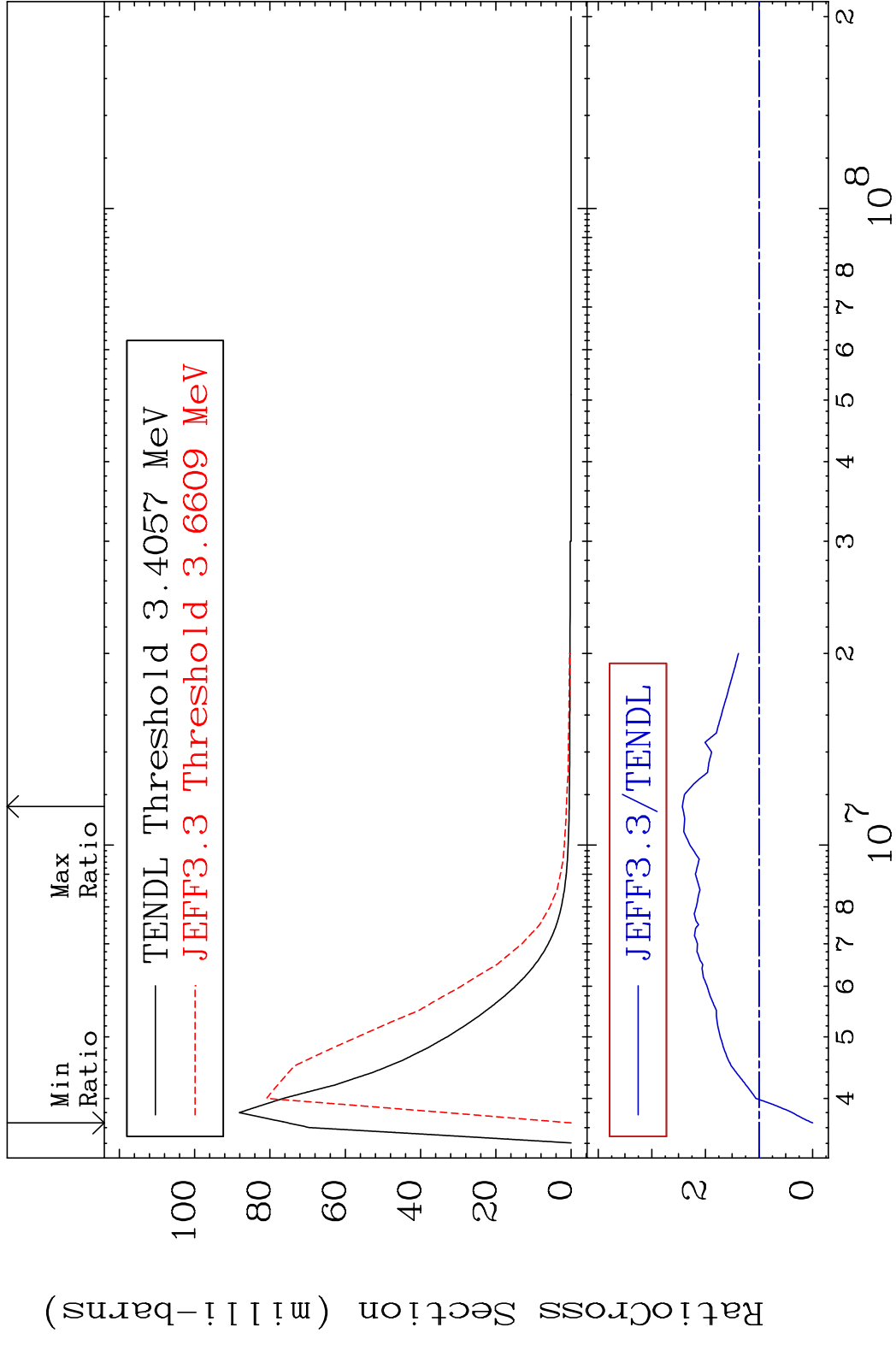
MAT 4225 MT= 62 (n, n') Level 42-Mo-92  
 Cross Section -100.0 To 9999. %



MAT 4225 MT= 63 (n, n') Level 42-Mo-92  
 Cross Section -100.0 To 192.8 %

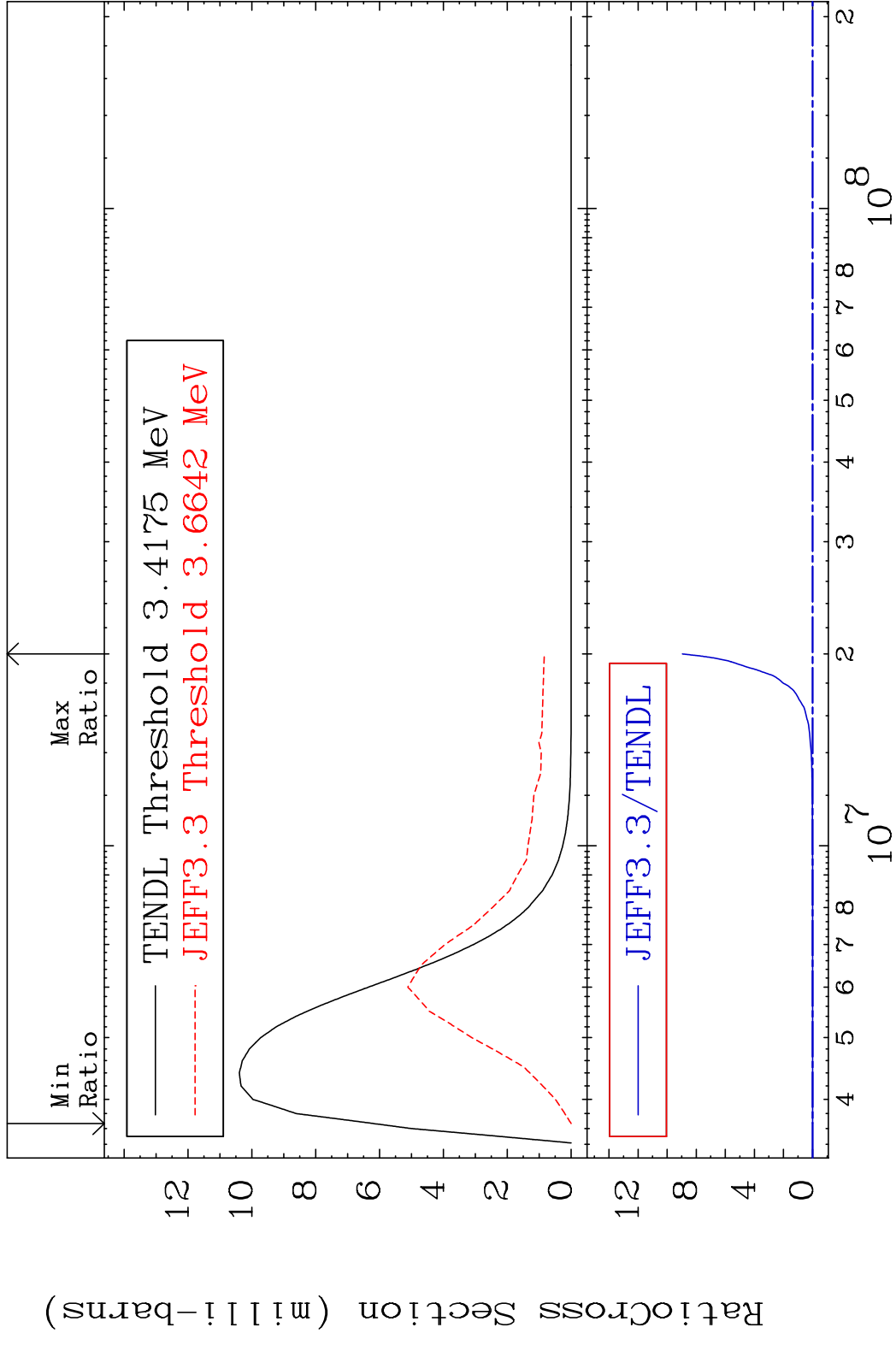


MAT 4225 MT= 64 (n, n') Level 42-Mo-92  
 Cross Section -100.0 To 143.0 %

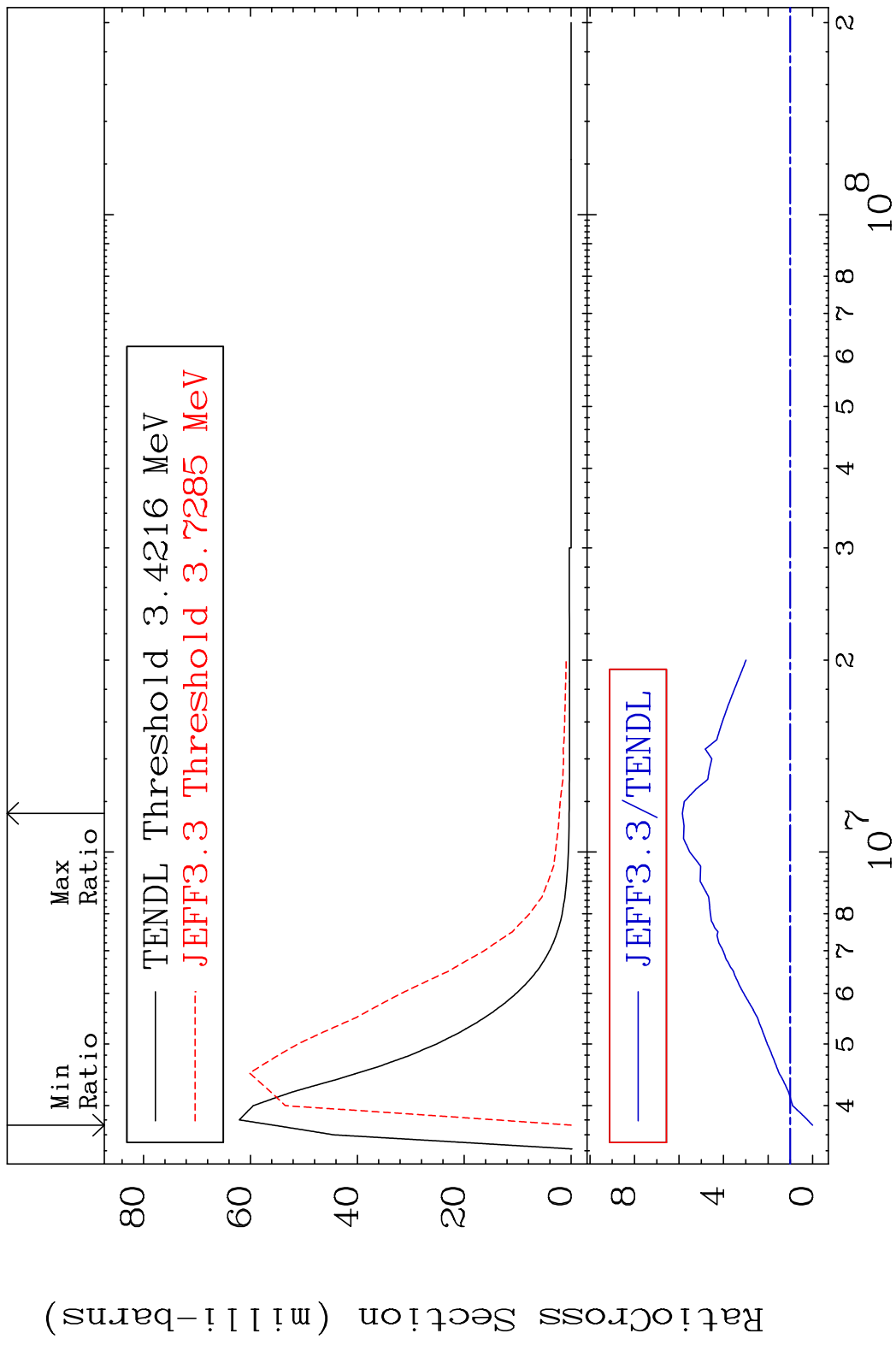


20 Incident Energy (eV) 42-Mo-92

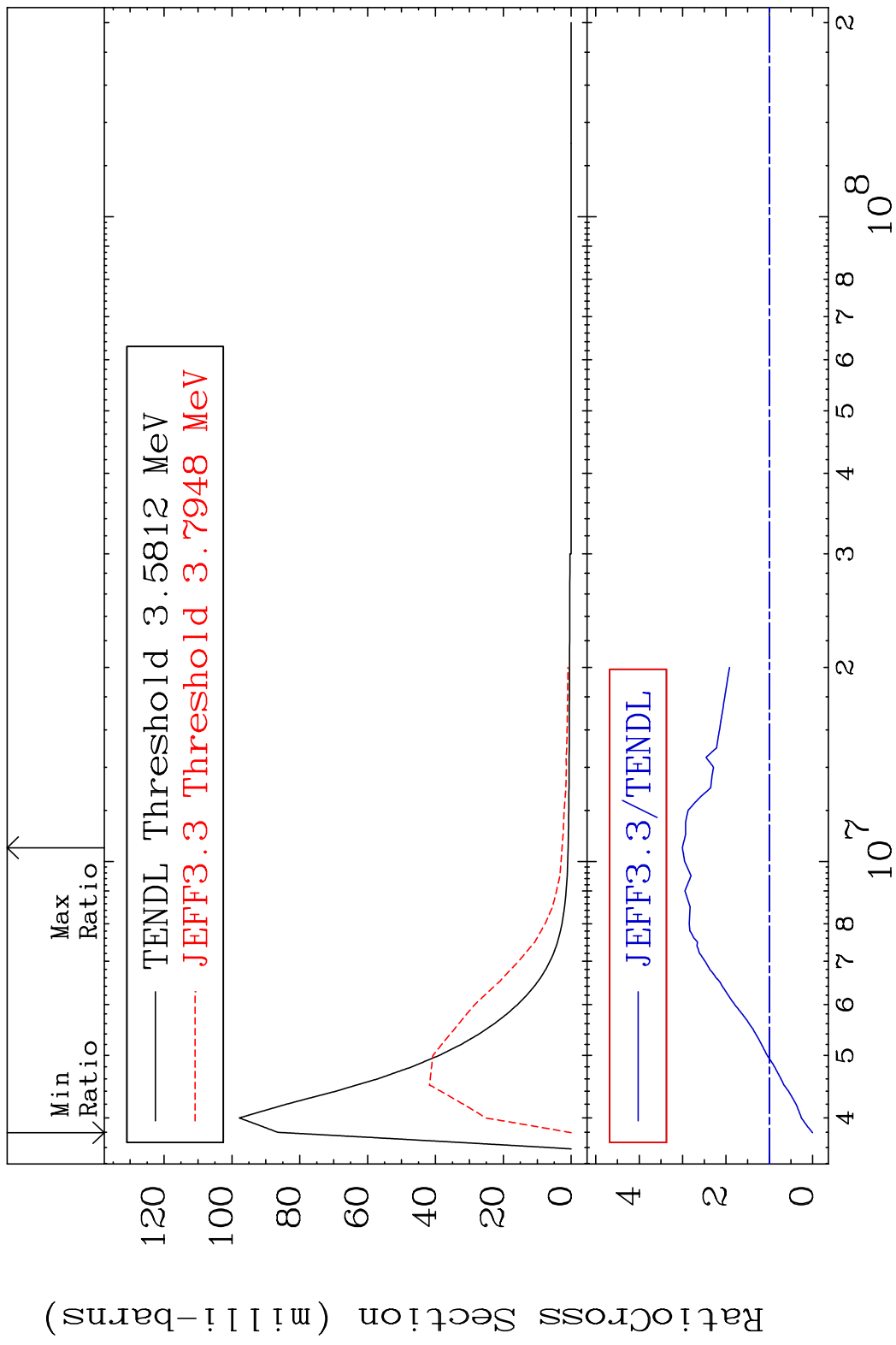
MAT 4225 MT= 65 (n, n') Level 42-Mo-92  
 Cross Section -100.0 To 9999. %



MAT 4225 MT= 66 (n, n') Level 42-Mo-92  
 Cross Section -100.0 To 484.9 %



MAT 4225 MT= 67 (n, n') Level 42-Mo-92  
 Cross Section -100.0 To 200.4 %



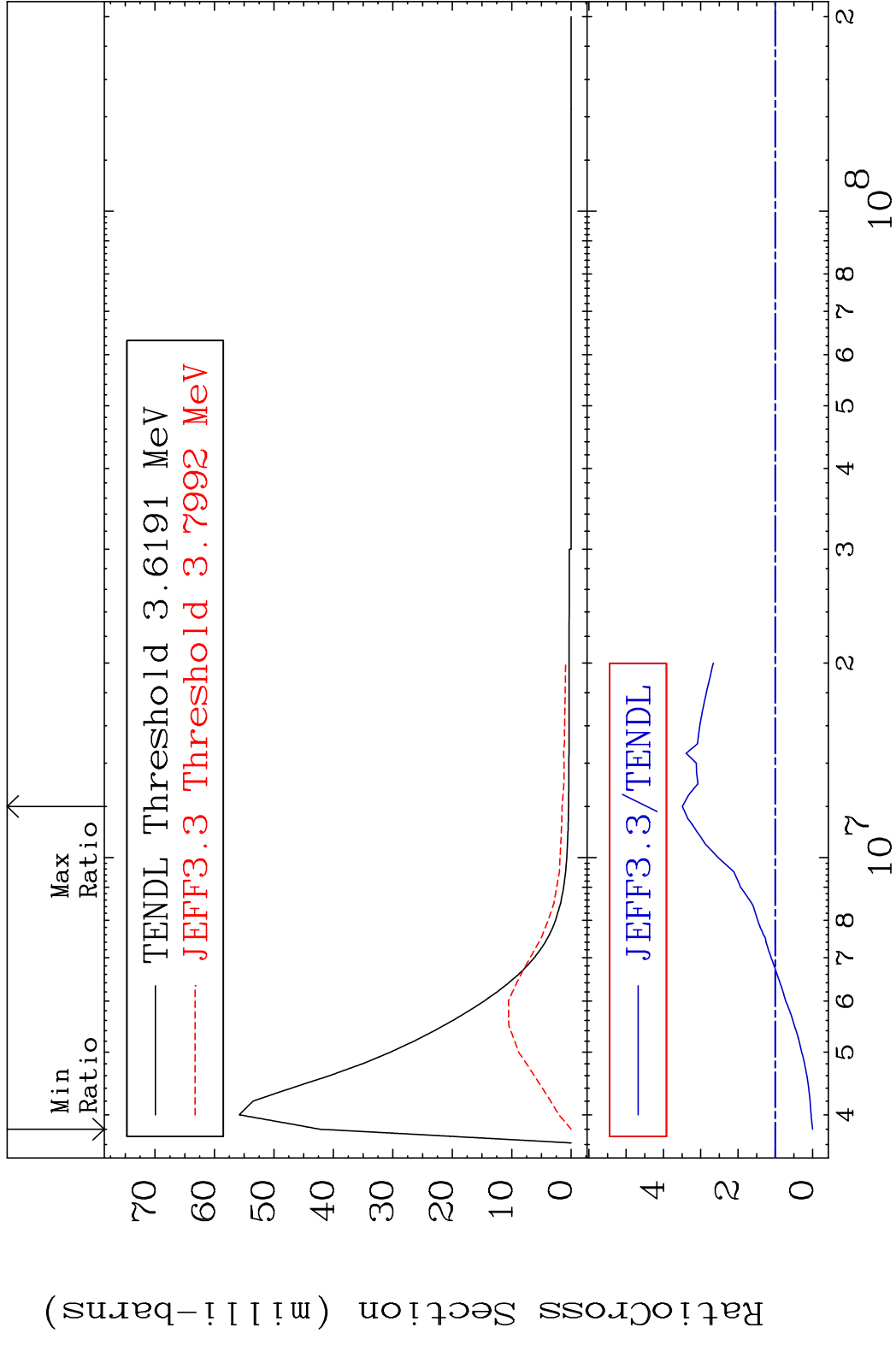


MAT 4225

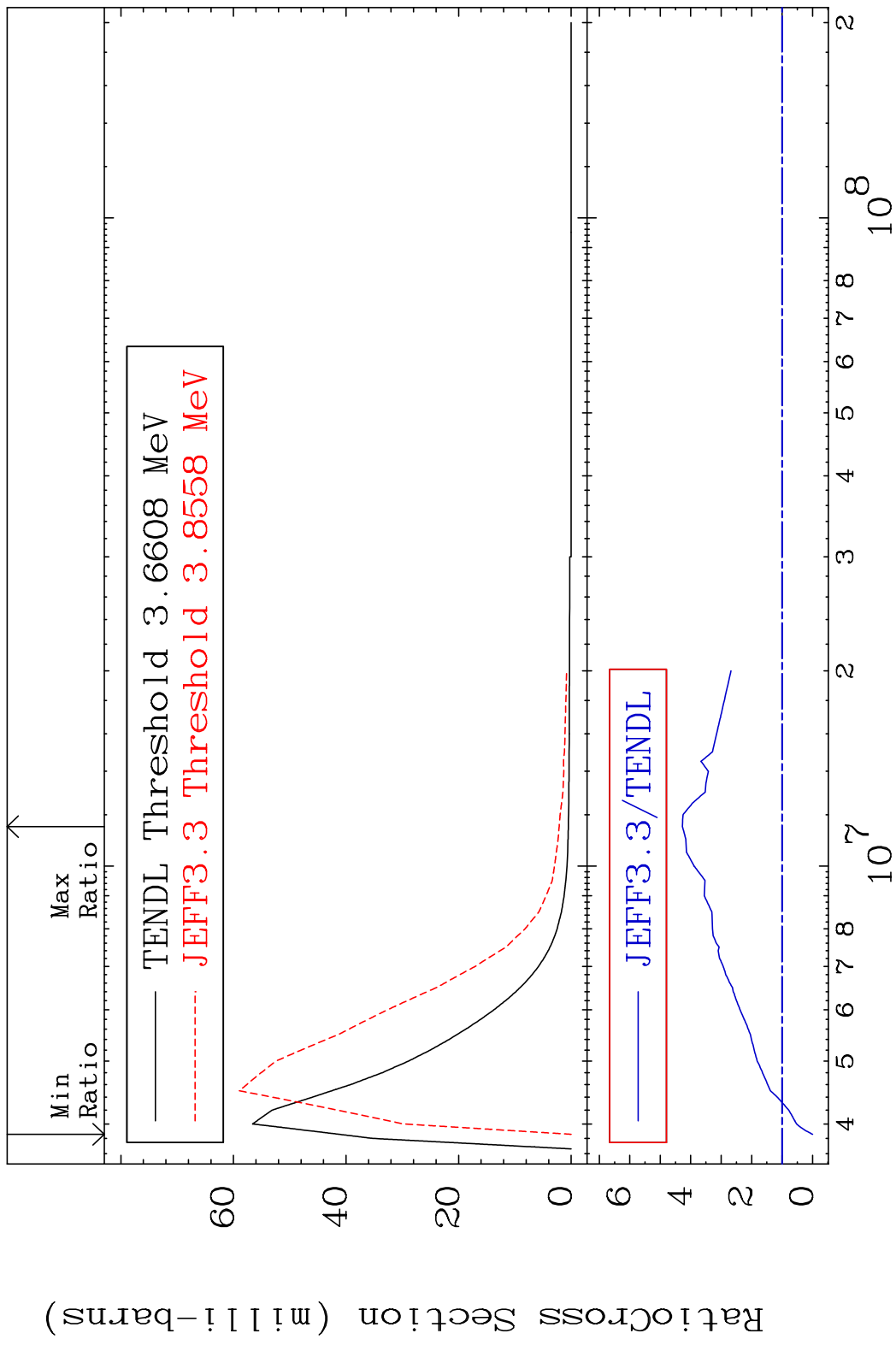
MT= 68 (n, n') Level

42-Mo-92

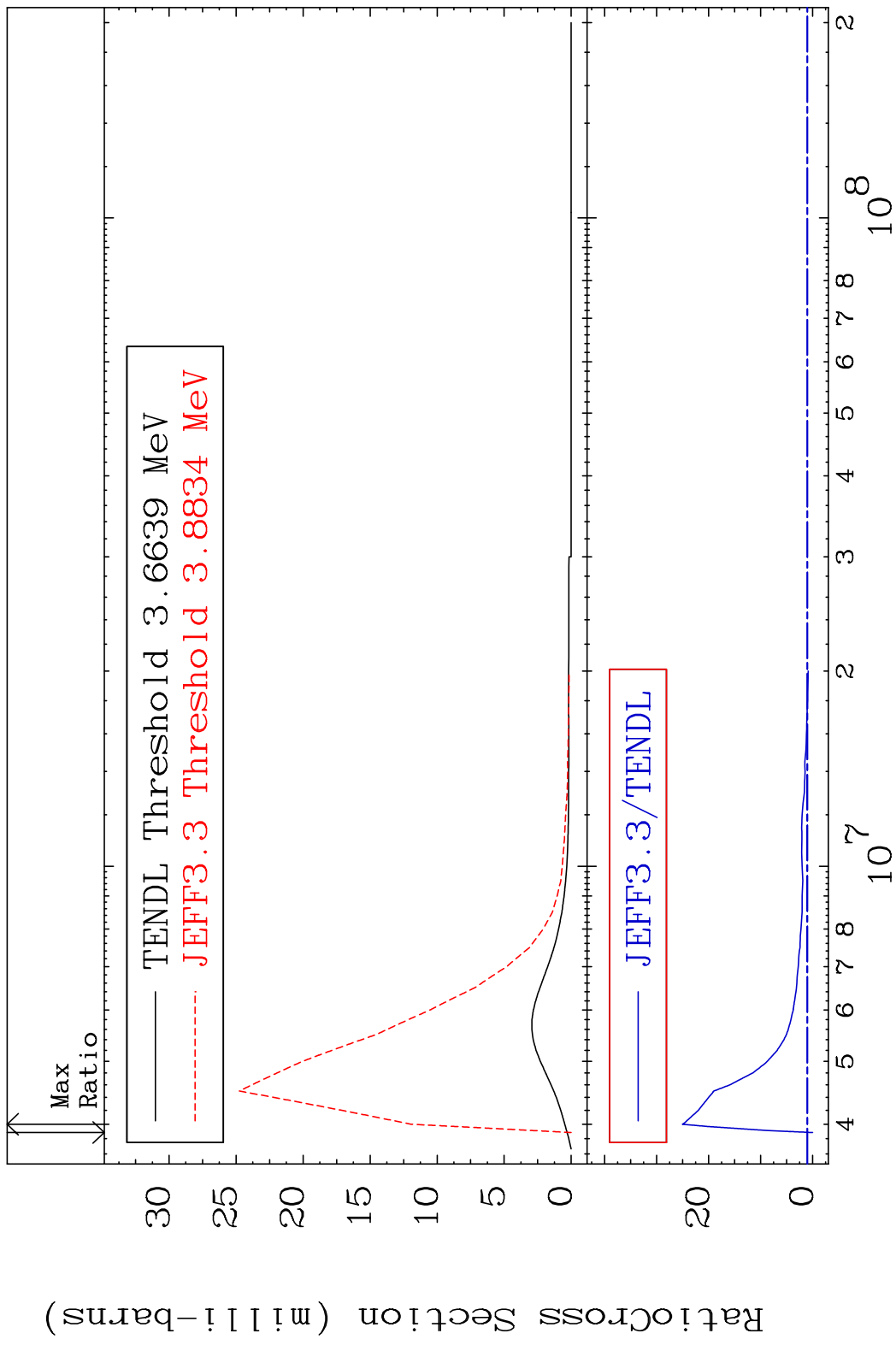
Cross Section -100.0 To 249.2 %



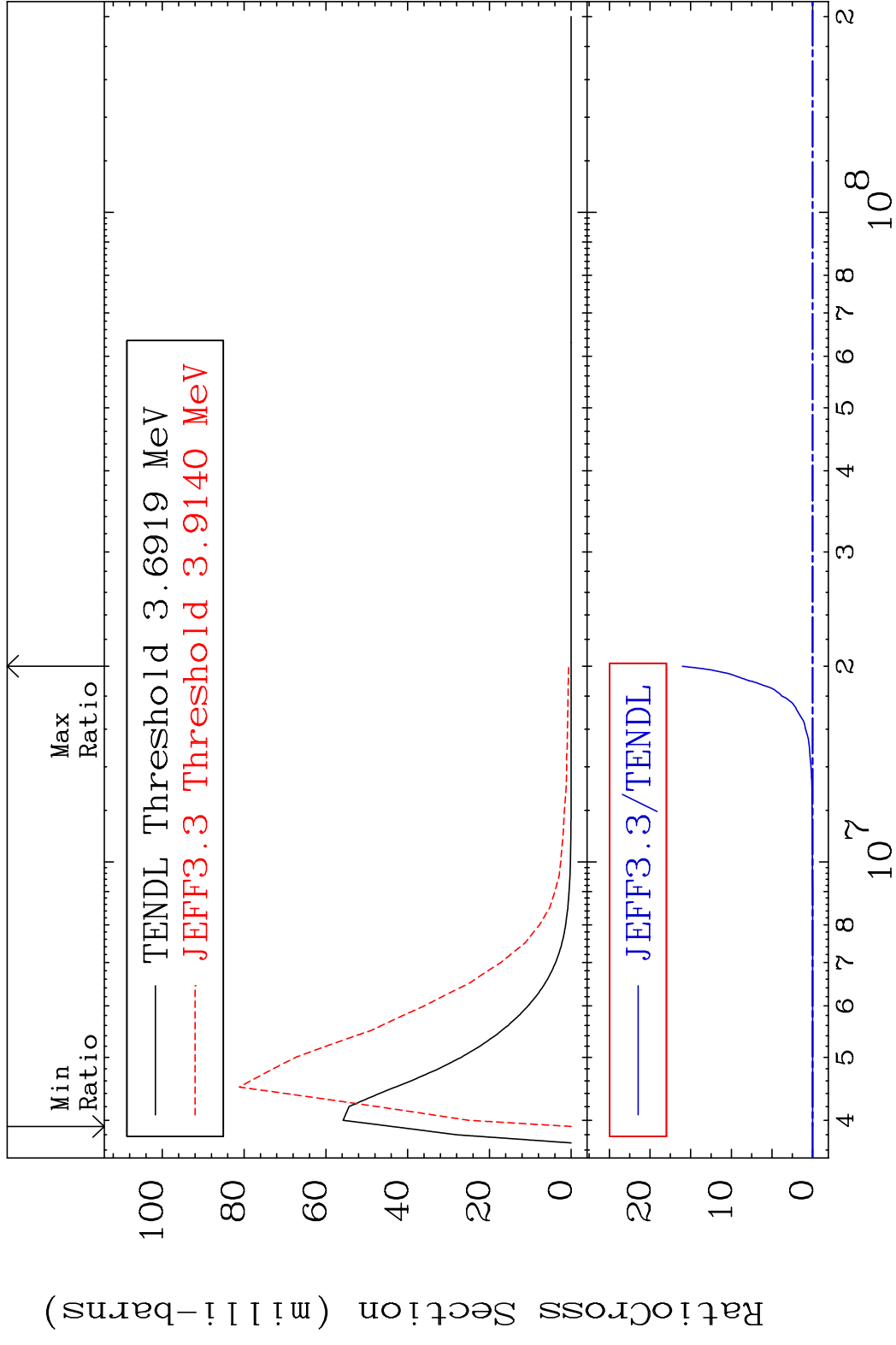
MAT 4225 MT= 69 (n, n') Level 42-Mo-92  
 Cross Section -100.0 To 327.4 %



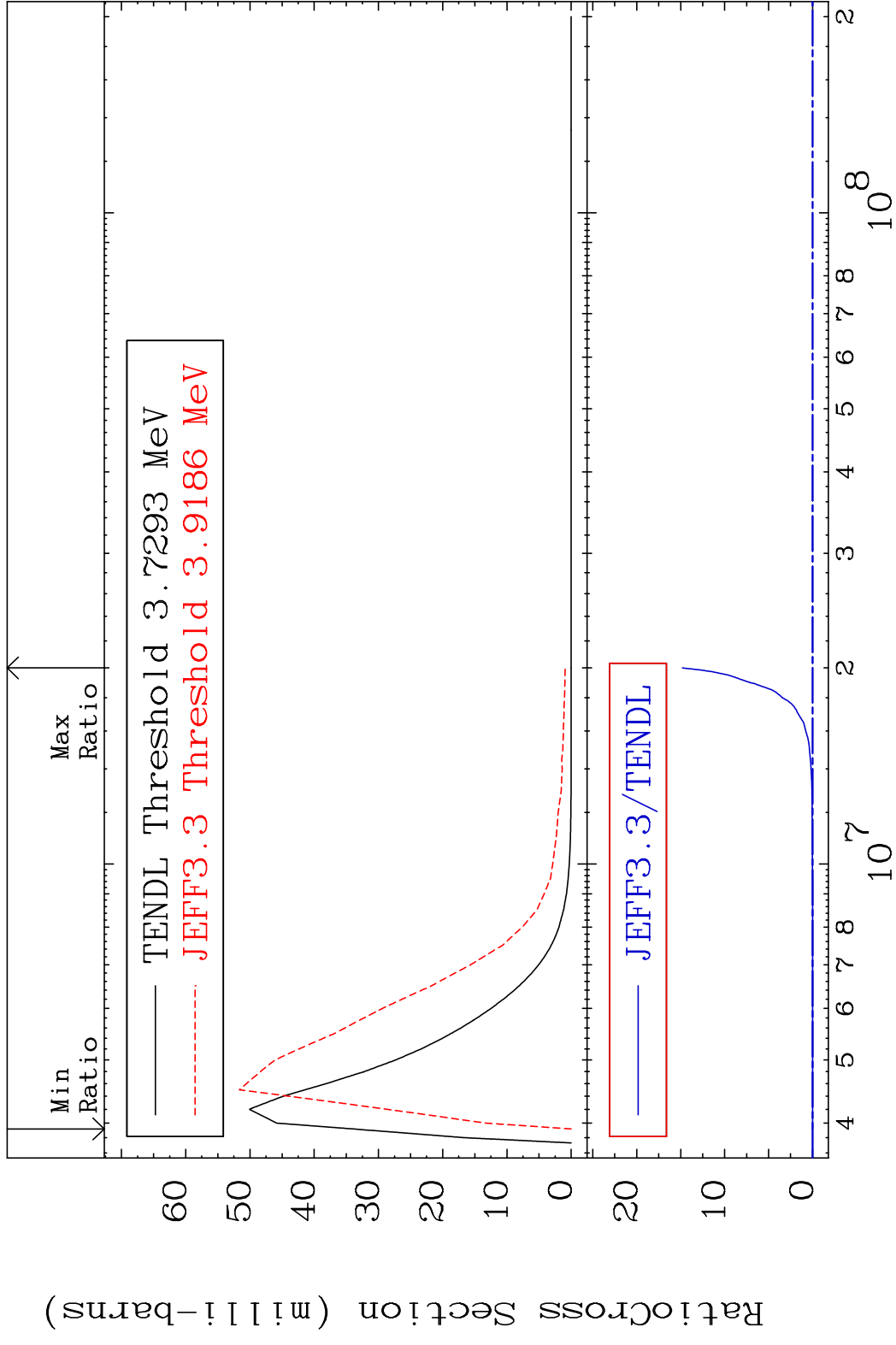
MAT 4225 MT= 70 (n,n') Level 42-Mo-92  
 Cross Section -100.0 To 2405. %



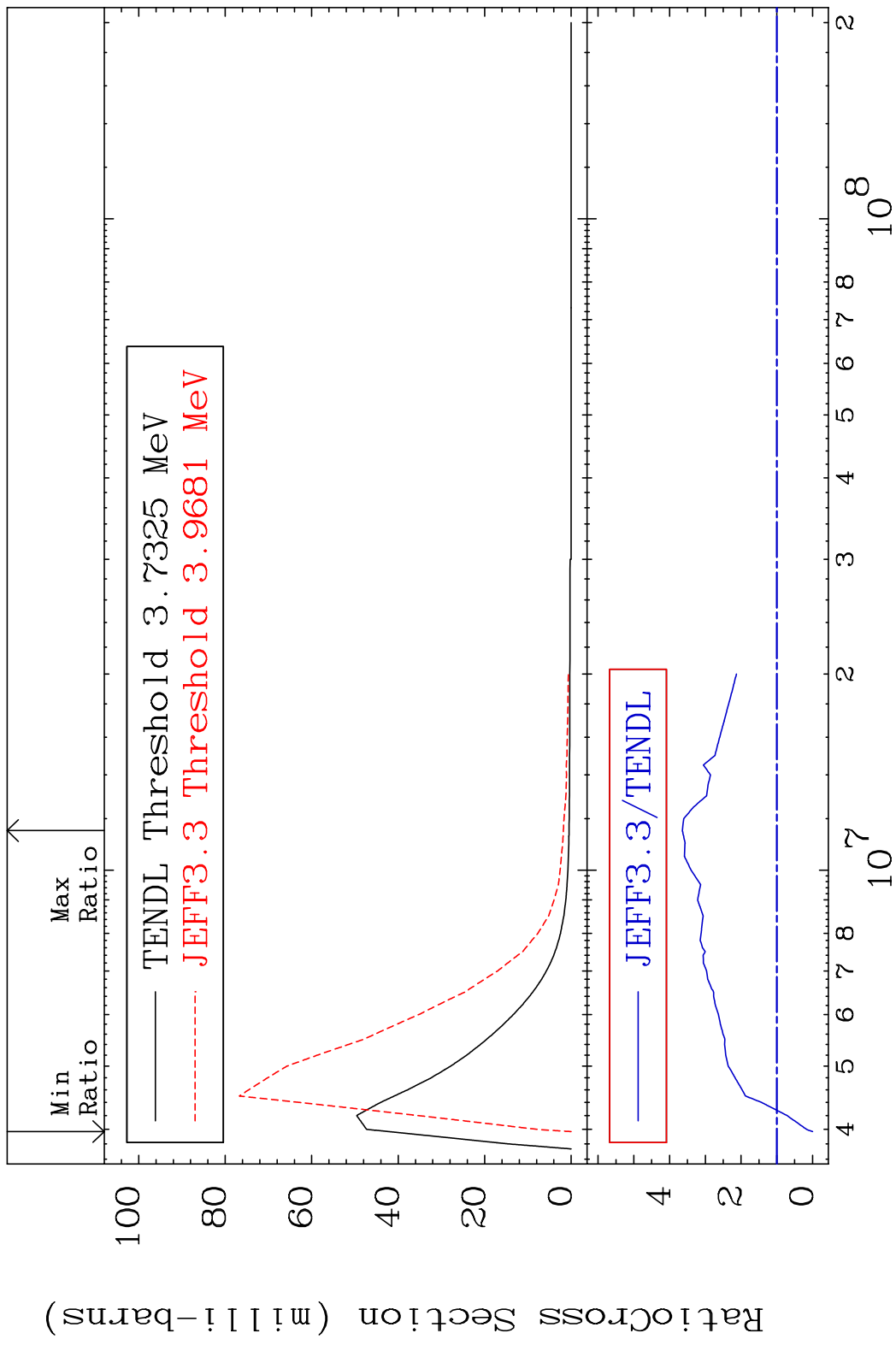
MAT 4225 MT= 71 (n, n') Level 42-Mo-92  
 Cross Section -100.0 To 9999. %



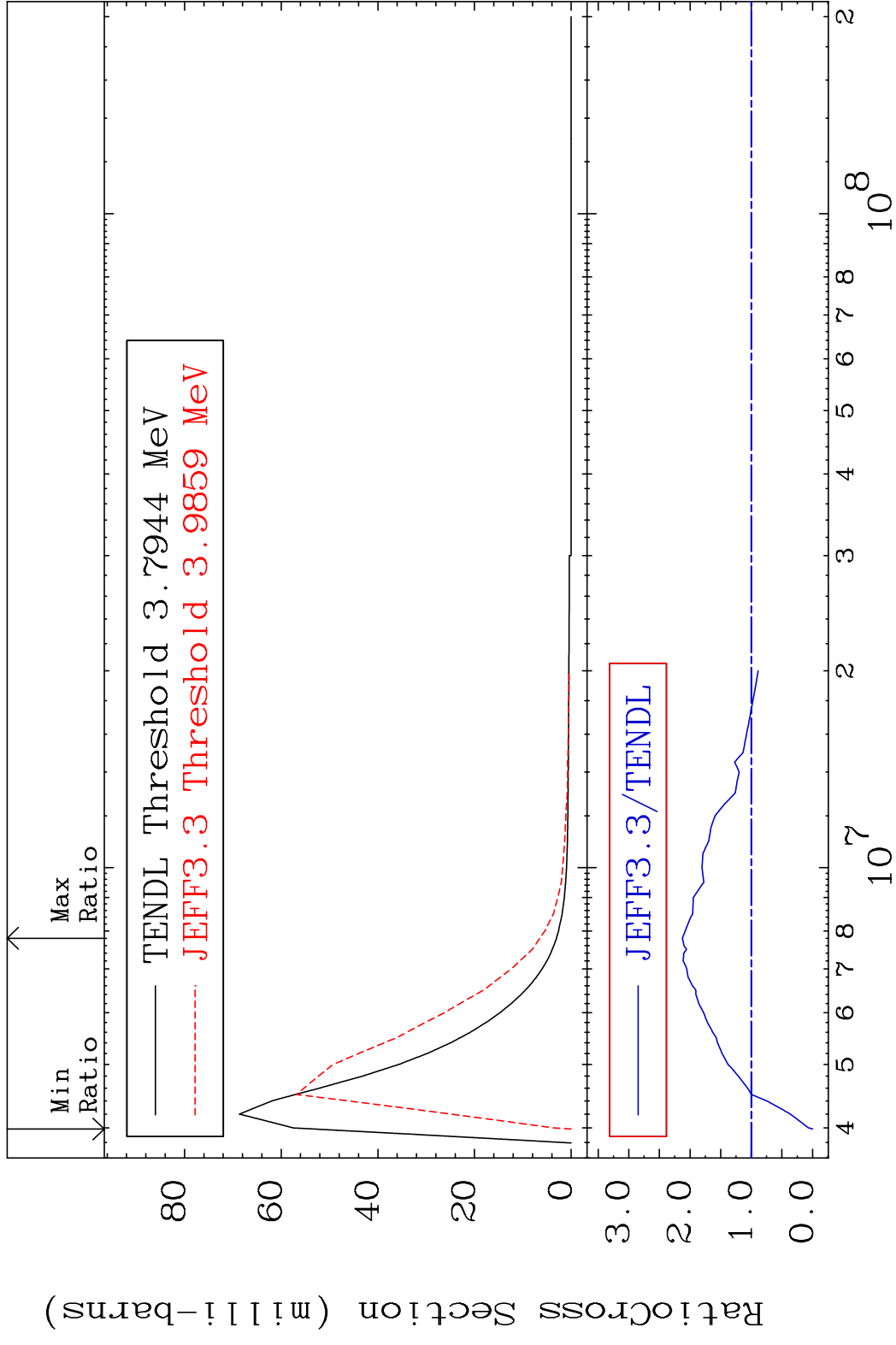
MAT 4225 MT= 72 (n,n') Level 42-Mo-92  
 Cross Section -100.0 To 9999. %



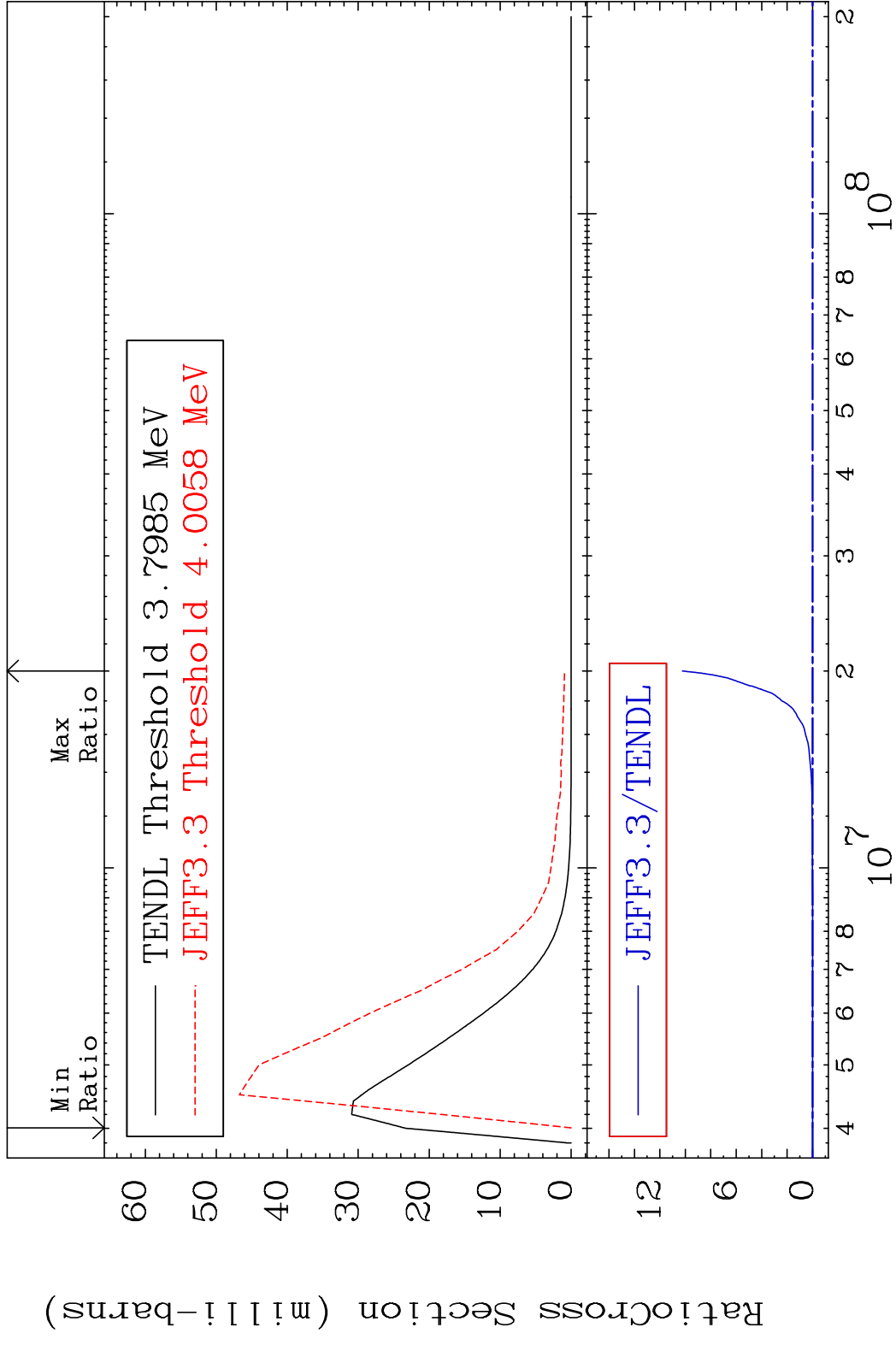
MAT 4225 MT= 73 (n, n') Level 42-Mo-92  
 Cross Section -100.0 To 264.2 %



MAT 4225 MT= 74 (n, n') Level 42-Mo-92  
 Cross Section -100.0 To 112.6 %



MAT 4225 MT= 75 (n,n') Level 42-Mo-92  
 Cross Section -100.0 To 9999. %



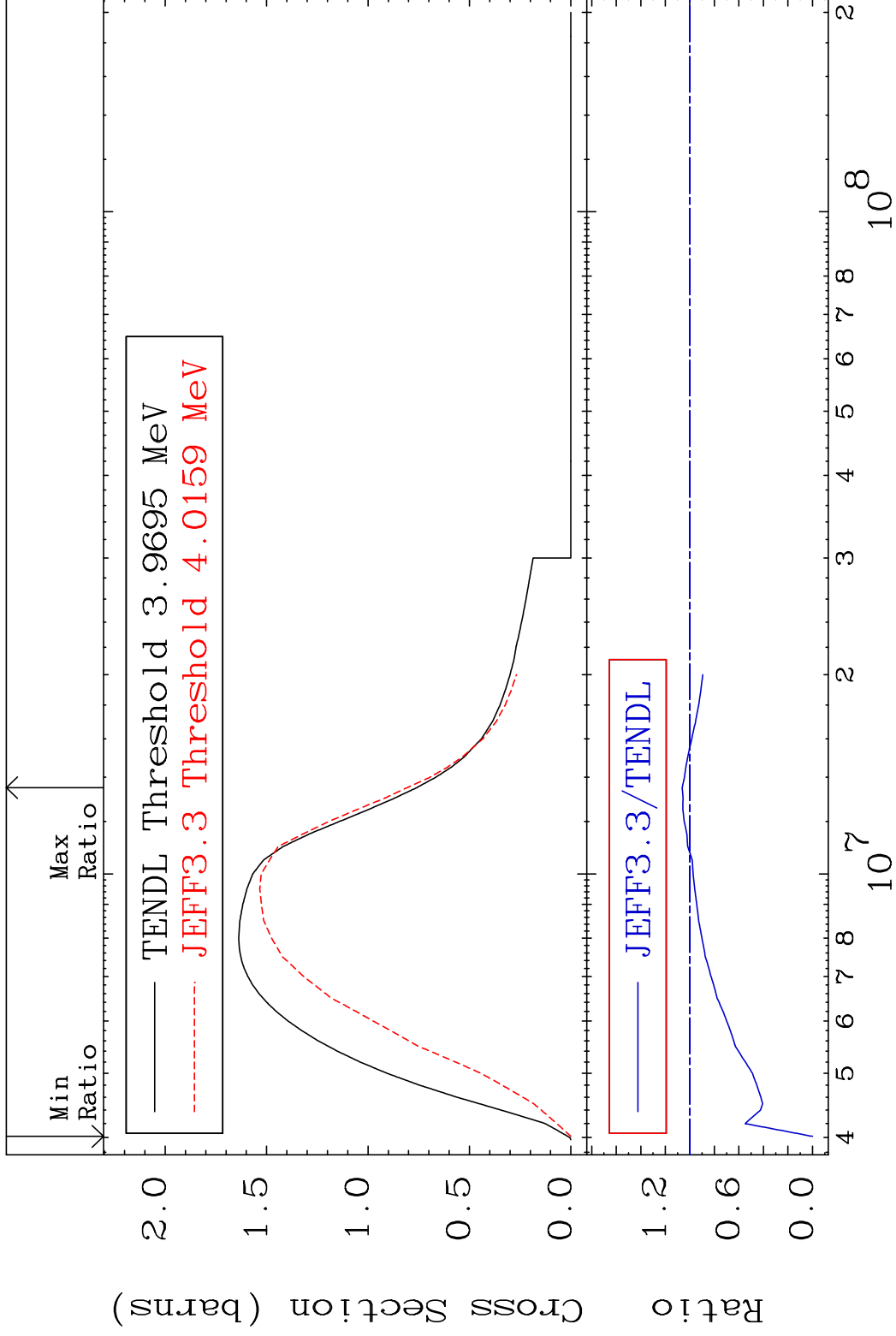


MAT 4225

(n,n') Continuum

42-Mo-92

Cross Section -100.0 To 6.253 %



32

Incident Energy (eV)

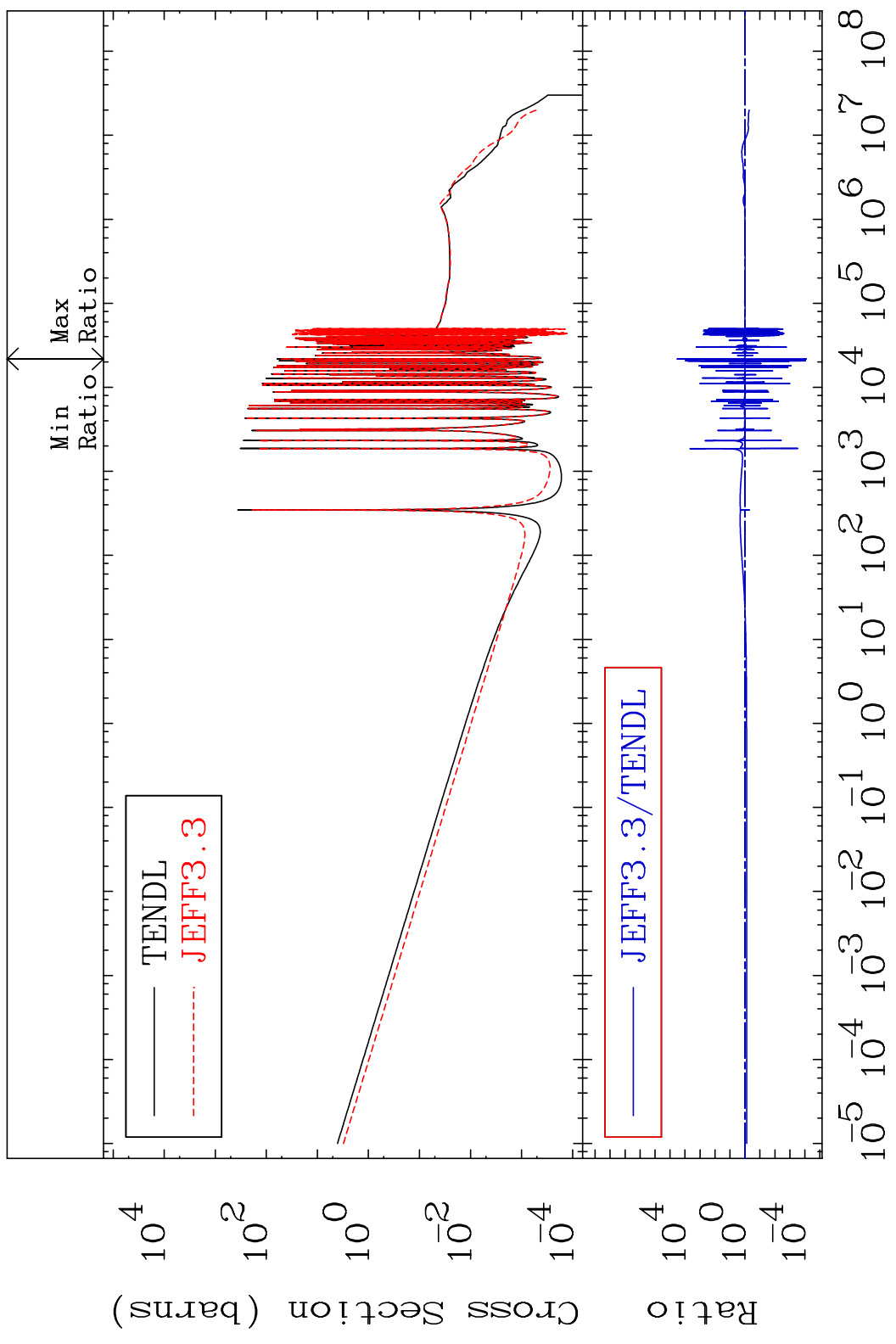
42-Mo-92

MAT 4225

(n,  $\gamma$ )

42-Mo-92

Cross Section -99.99 To 9999. %



33

Incident Energy (eV)

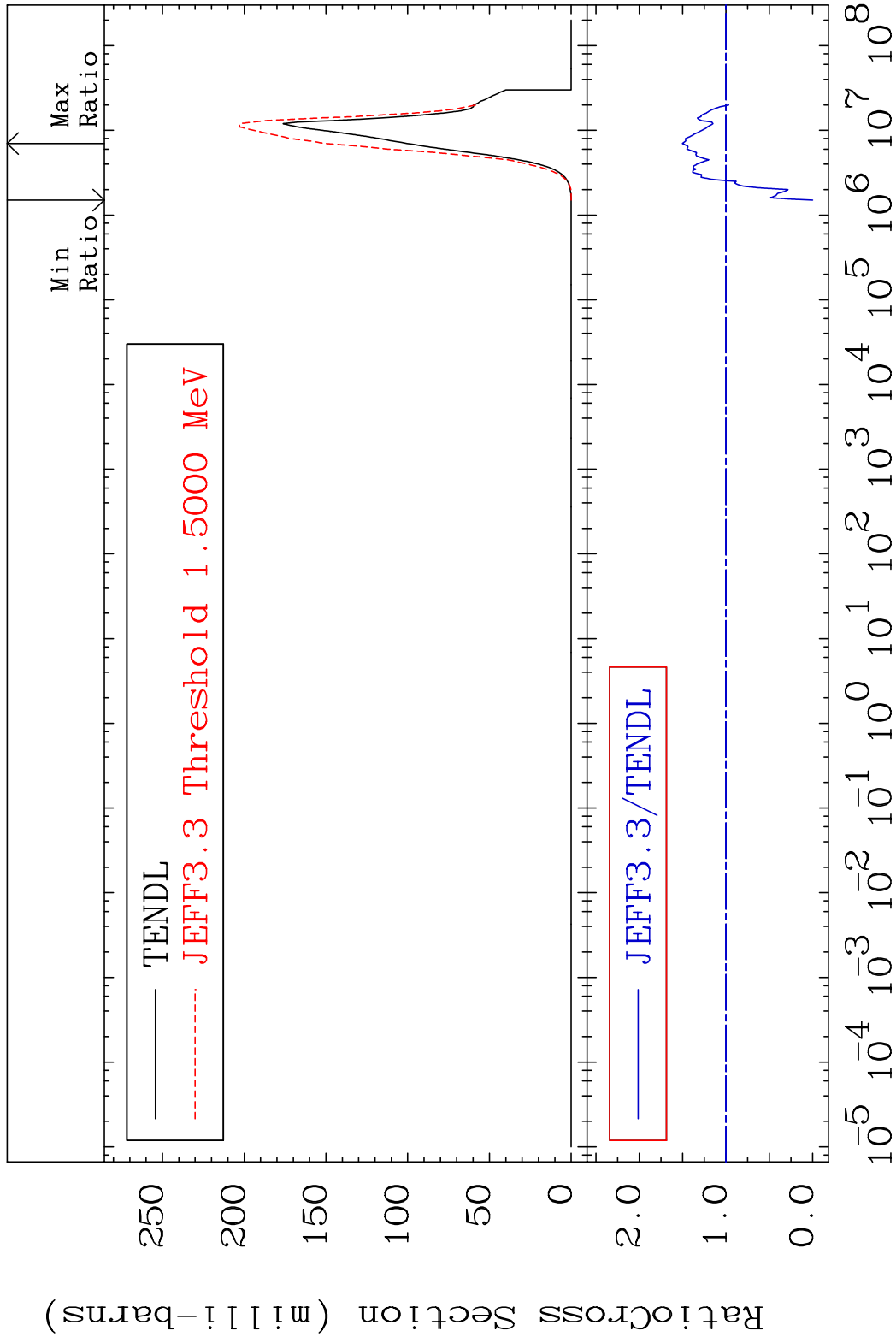
42-Mo-92

MAT 4225

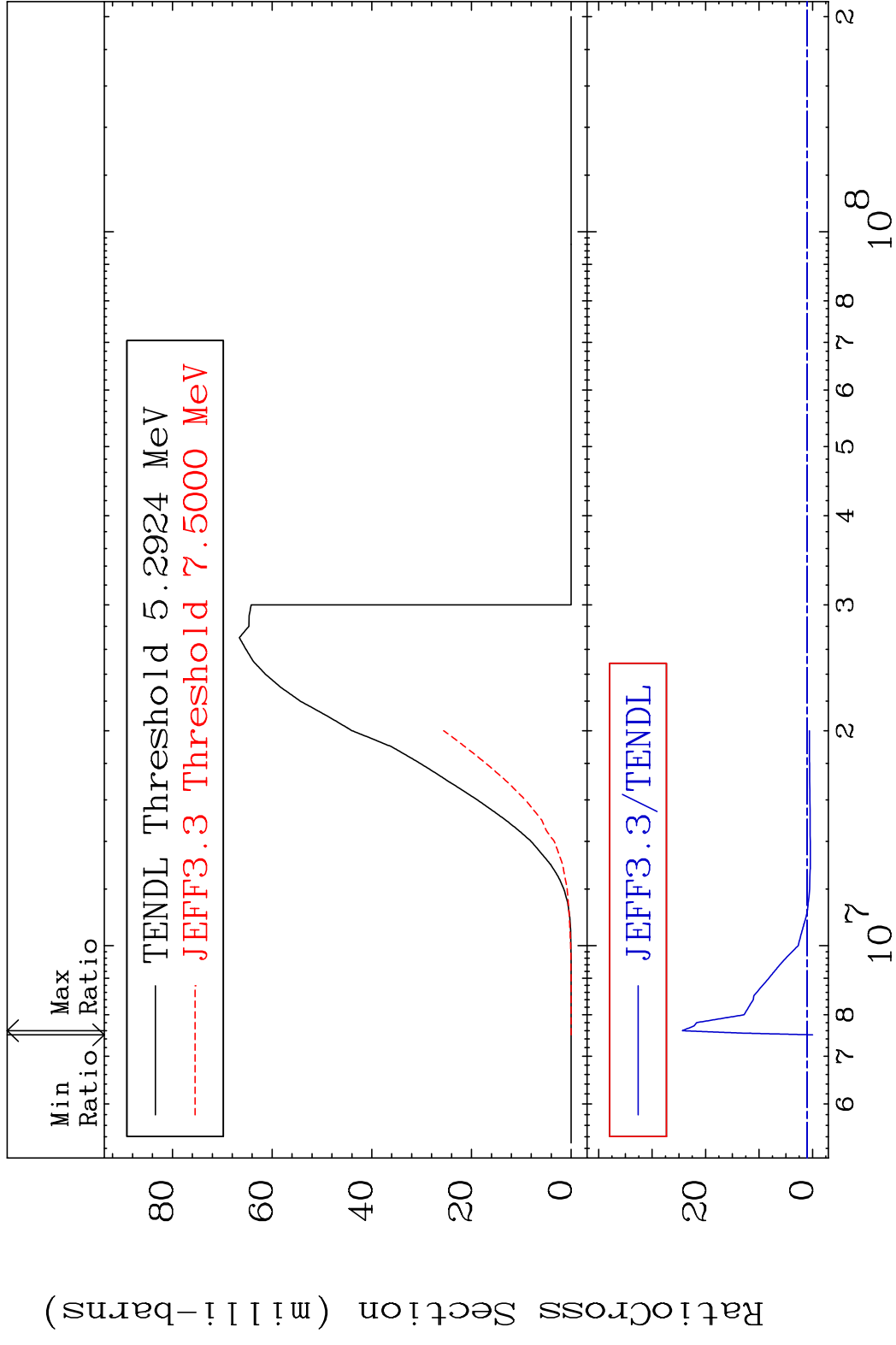
(n, p)

42-Mo-92

Cross Section -100.0 To 50.28 %

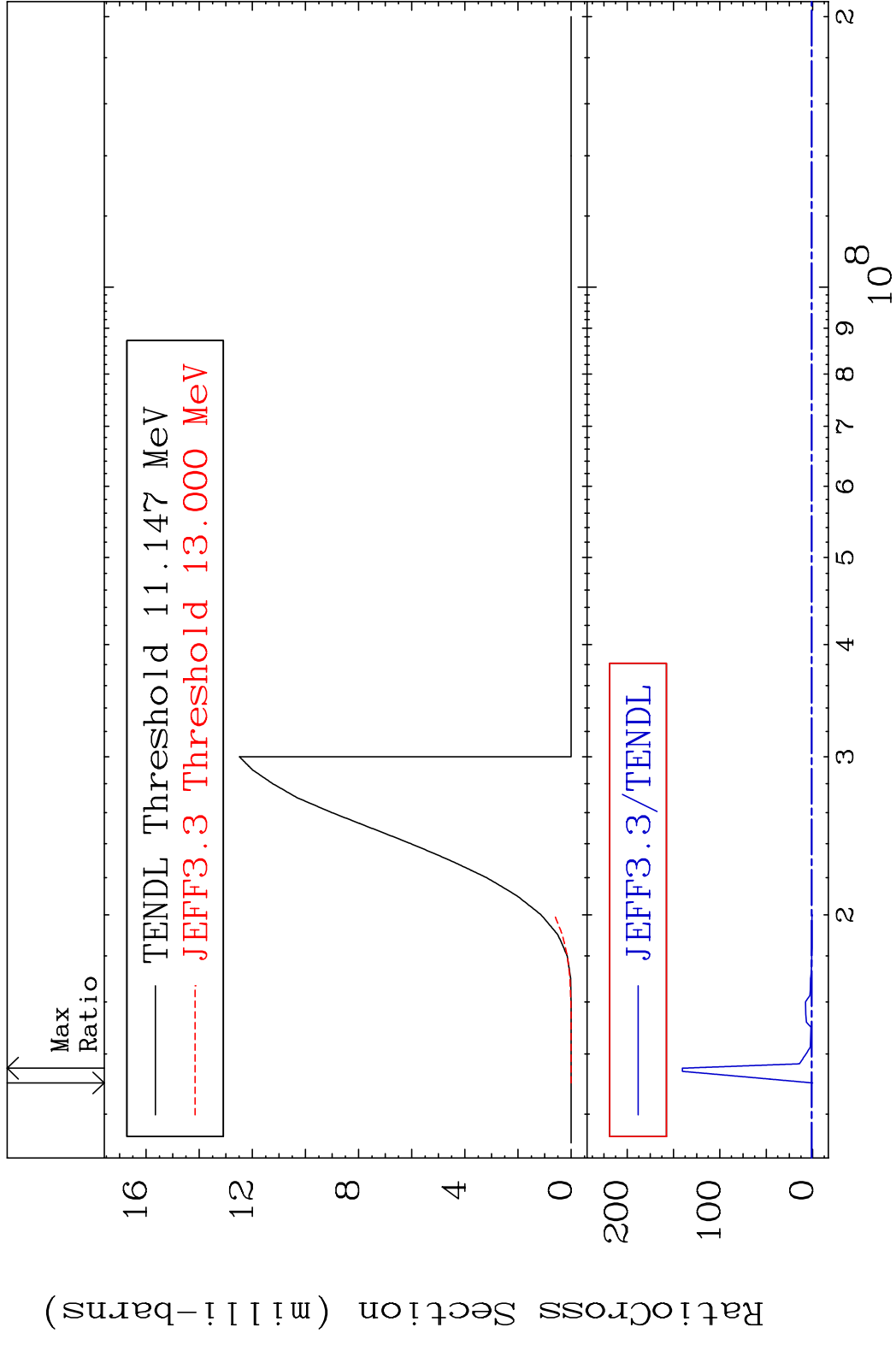


MAT 4225 (n,d) 42-Mo-92  
 Cross Section -100.0 To 2335. %



35 Incident Energy (eV) 42-Mo-92

MAT 4225 (n, t) 42-Mo-92  
 Cross Section -100.0 To 9999. %

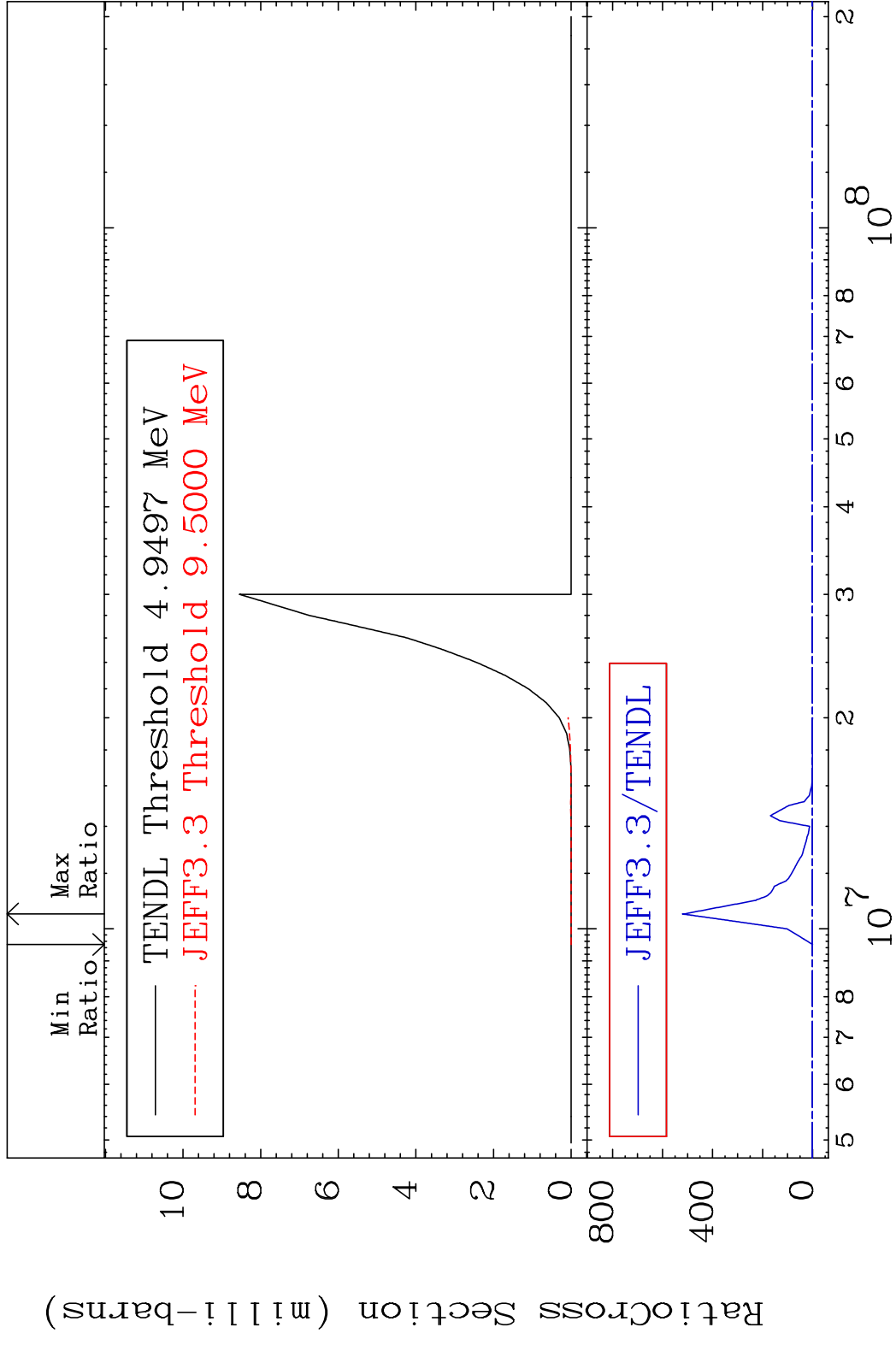


MAT 4225

(n, He-3)

42-Mo-92

Cross Section -100.0 To 9999. %

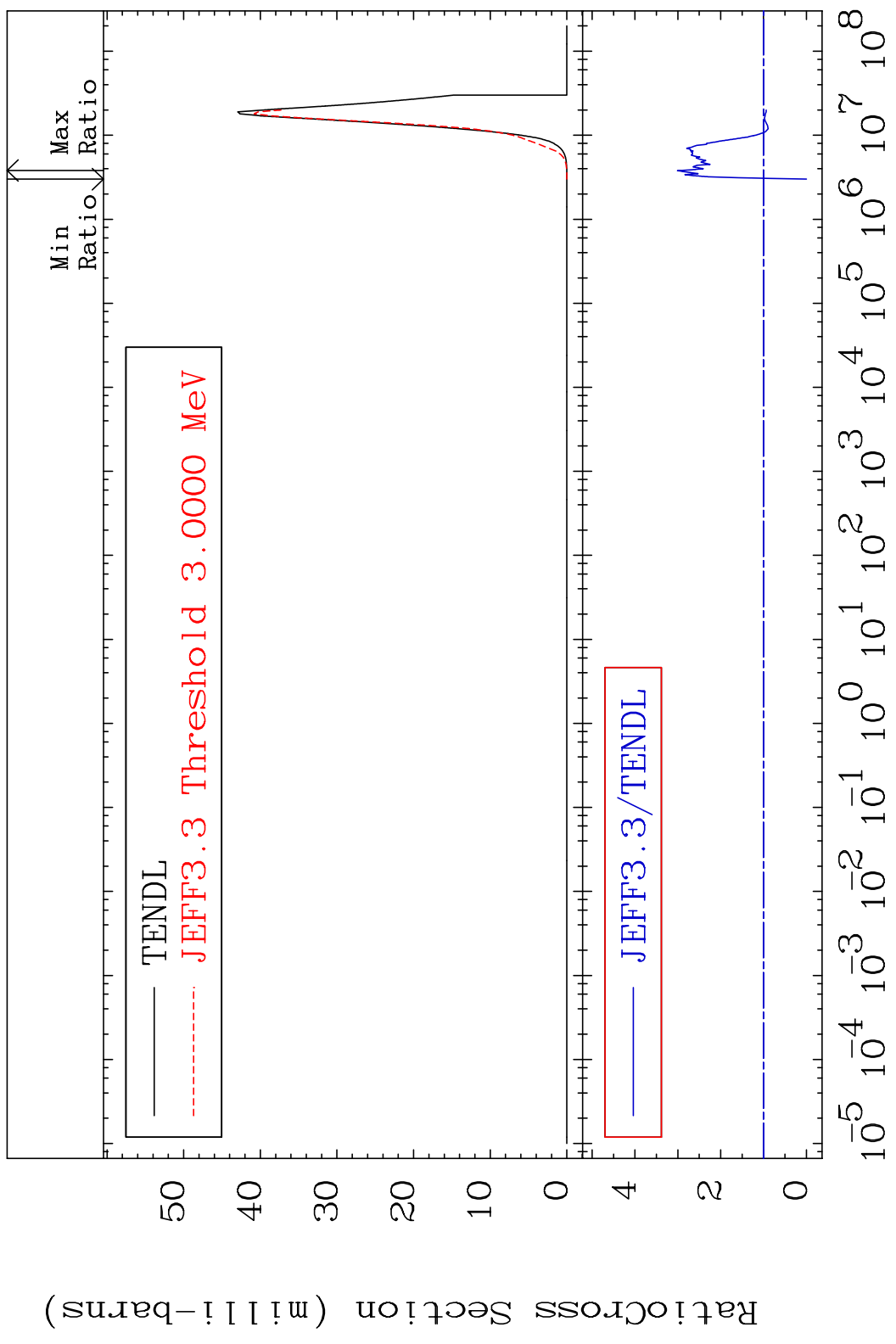


MAT 4225

(n,  $\alpha$ )

42-Mo-92

Cross Section -100.0 To 201.5 %



38

Incident Energy (eV)

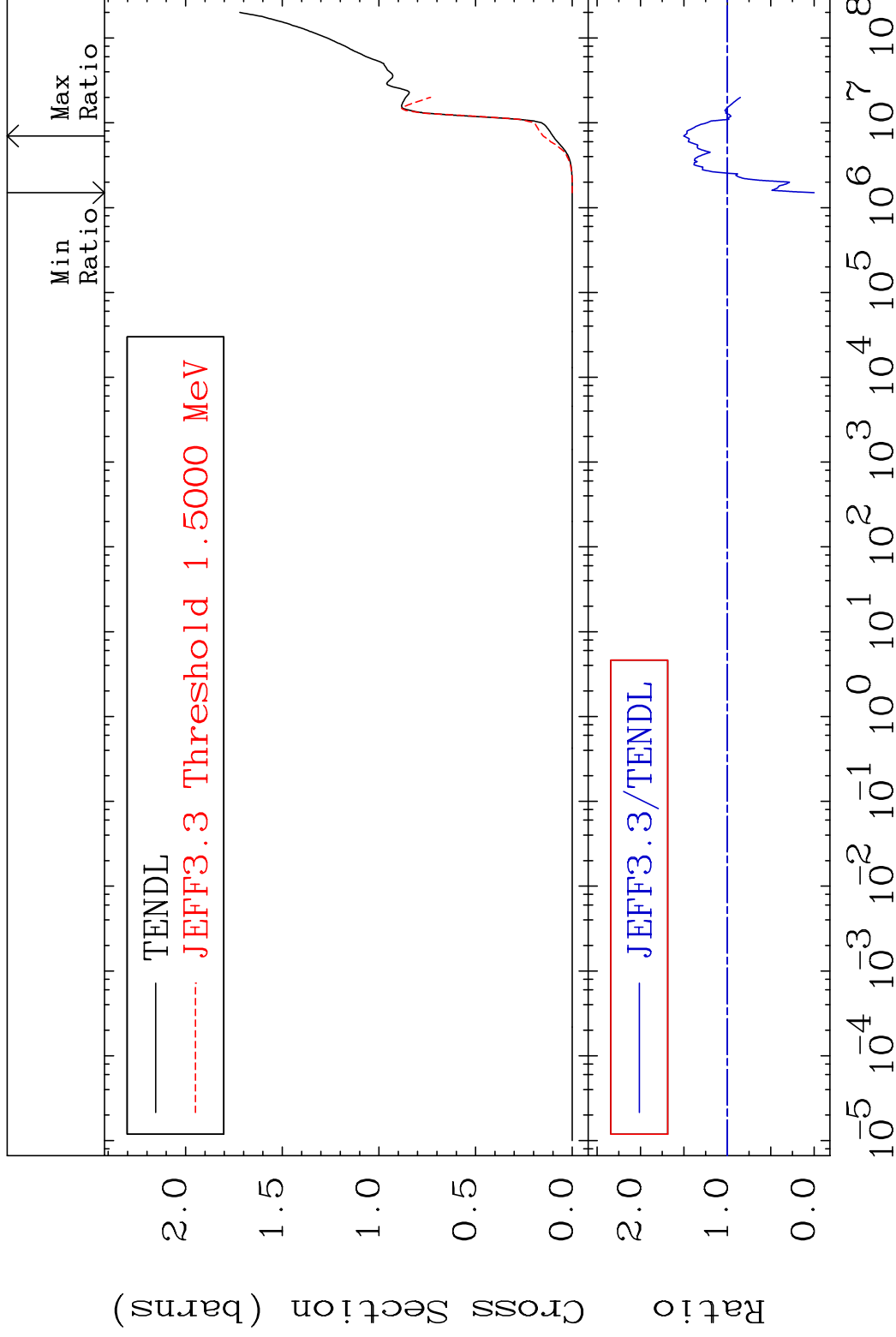
42-Mo-92

MAT 4225

Hydrogen Production

42-Mo-92

Cross Section -100.0 To 50.28 %



39

Incident Energy (eV)

42-Mo-92

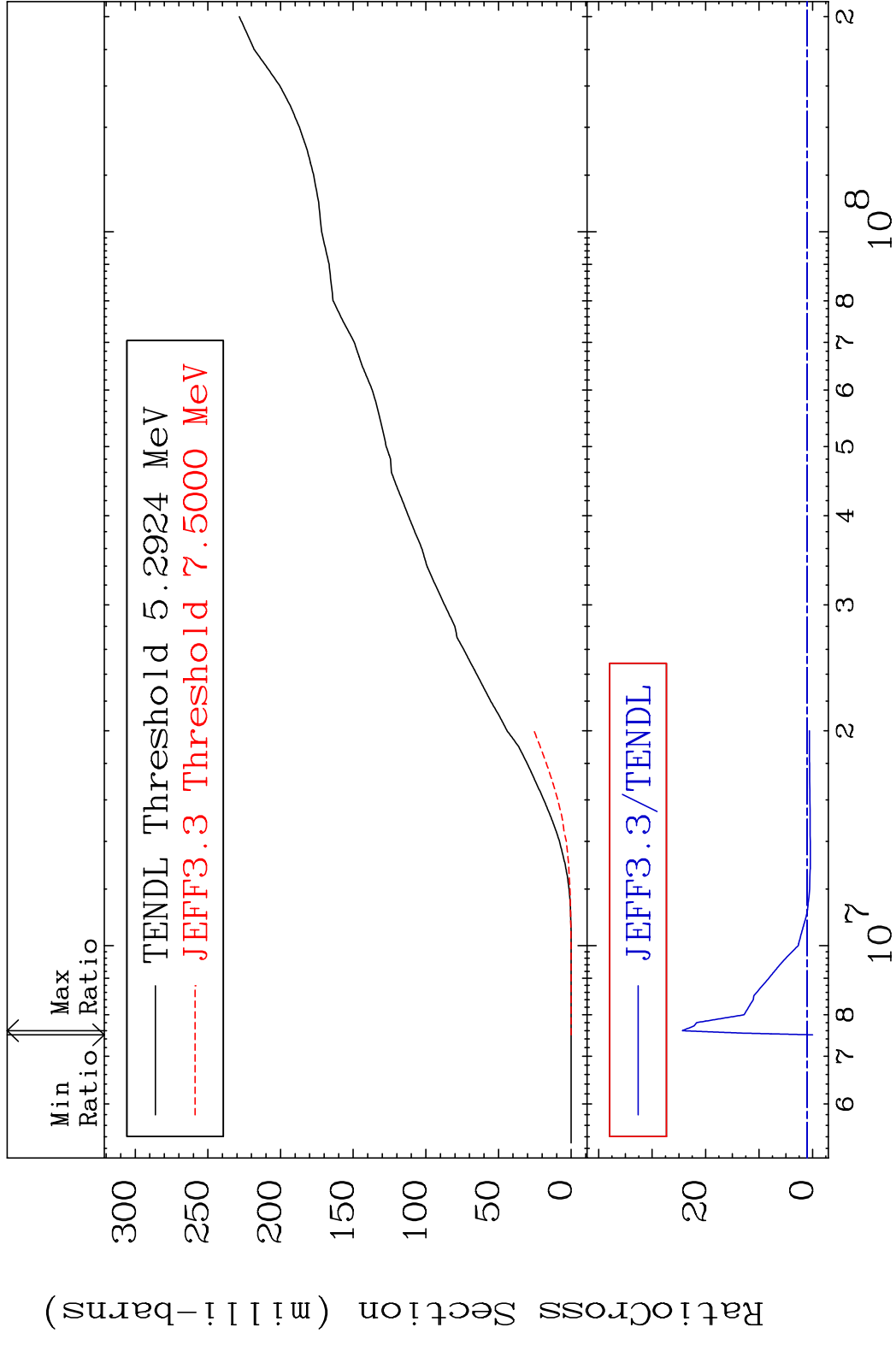


MAT 4225

Deuterium Production

42-Mo-92

Cross Section -100.0 To 2335. %

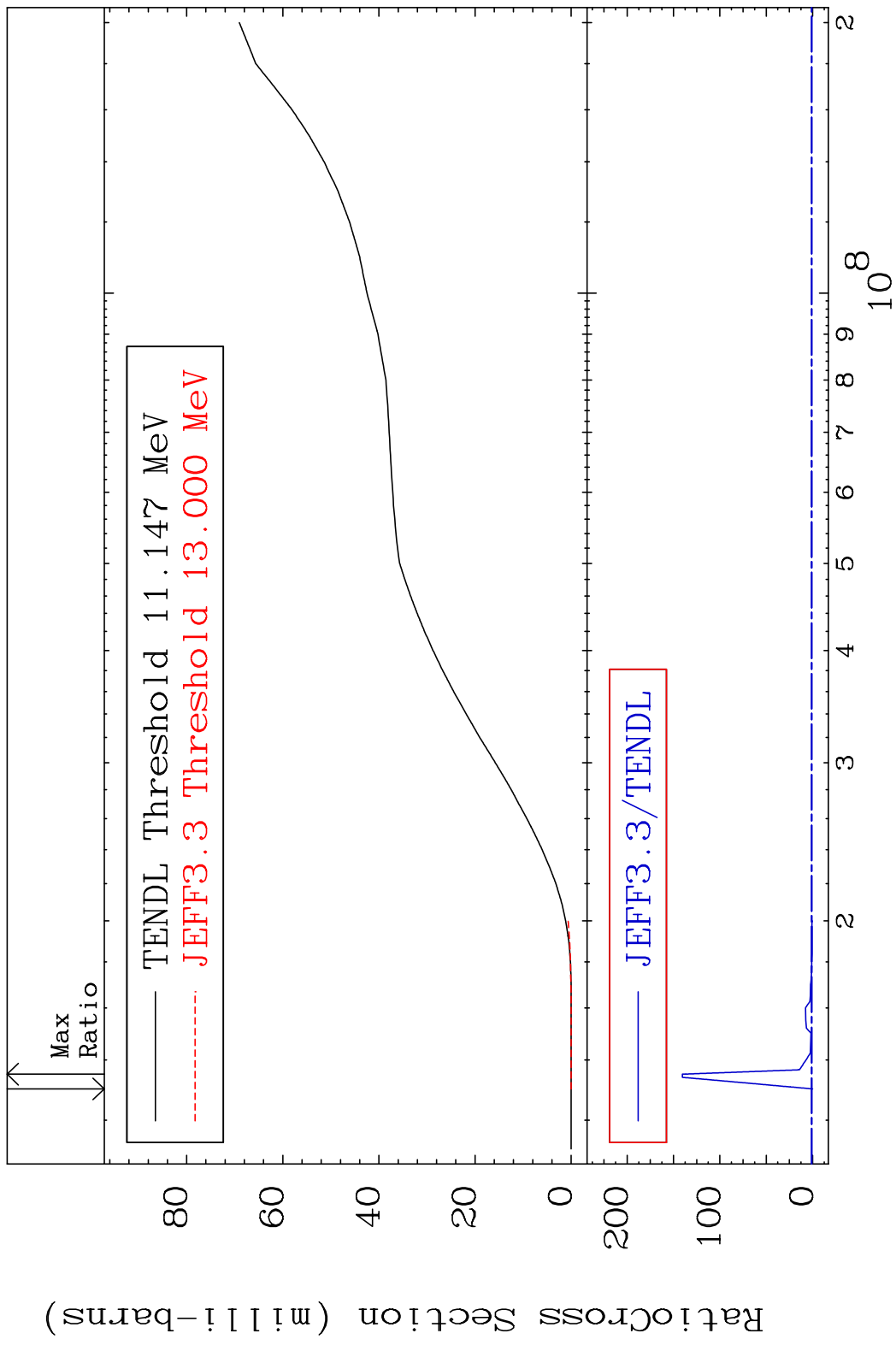


40

Incident Energy (eV)

42-Mo-92

MAT 4225 Tritium Production 42-Mo-92  
 Cross Section -100.0 To 9999. %



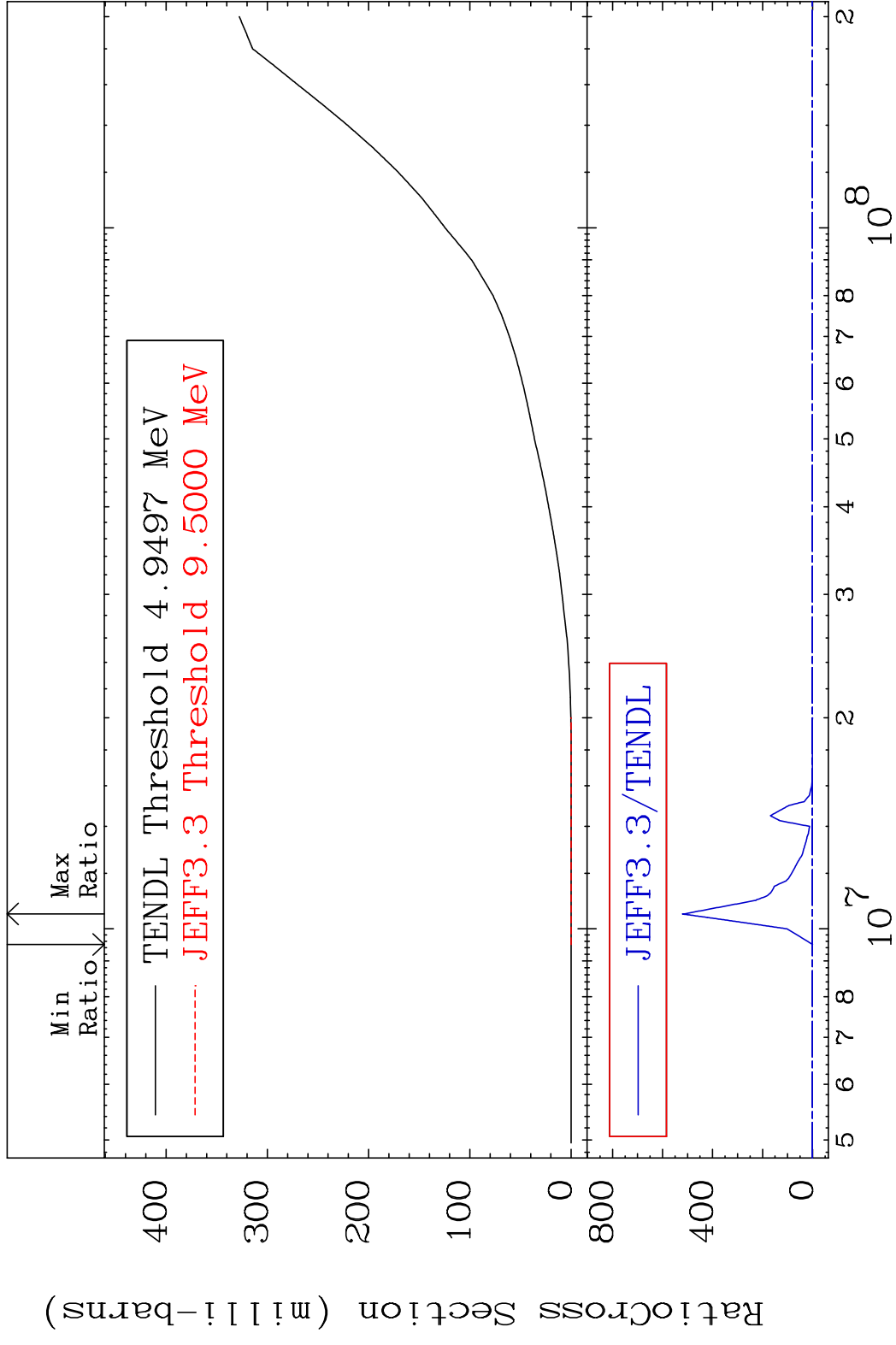
41 Incident Energy (eV) 42-Mo-92

MAT 4225

He-3 Production

42-Mo-92

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

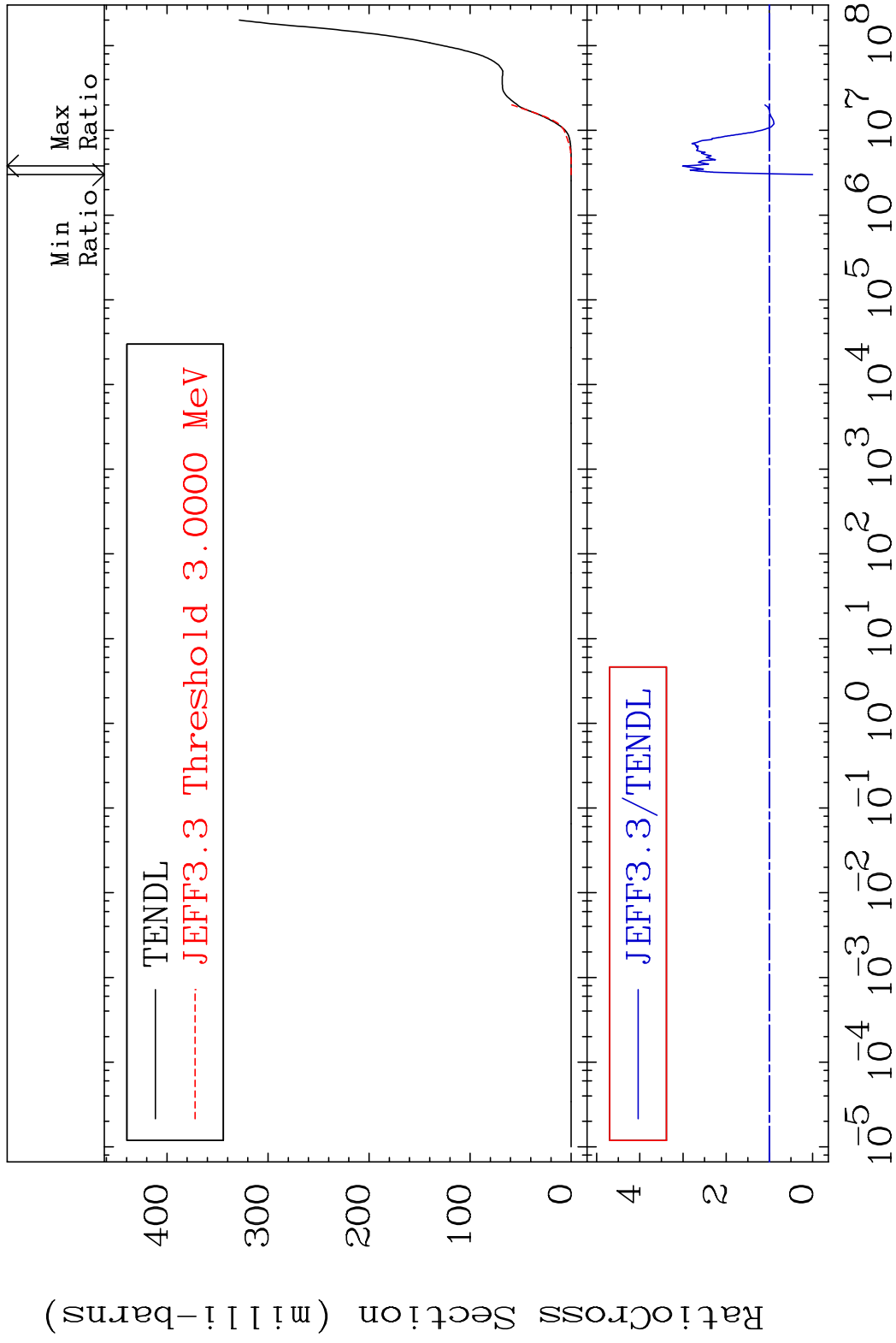
42-Mo-92

MAT 4225

He-4 Production

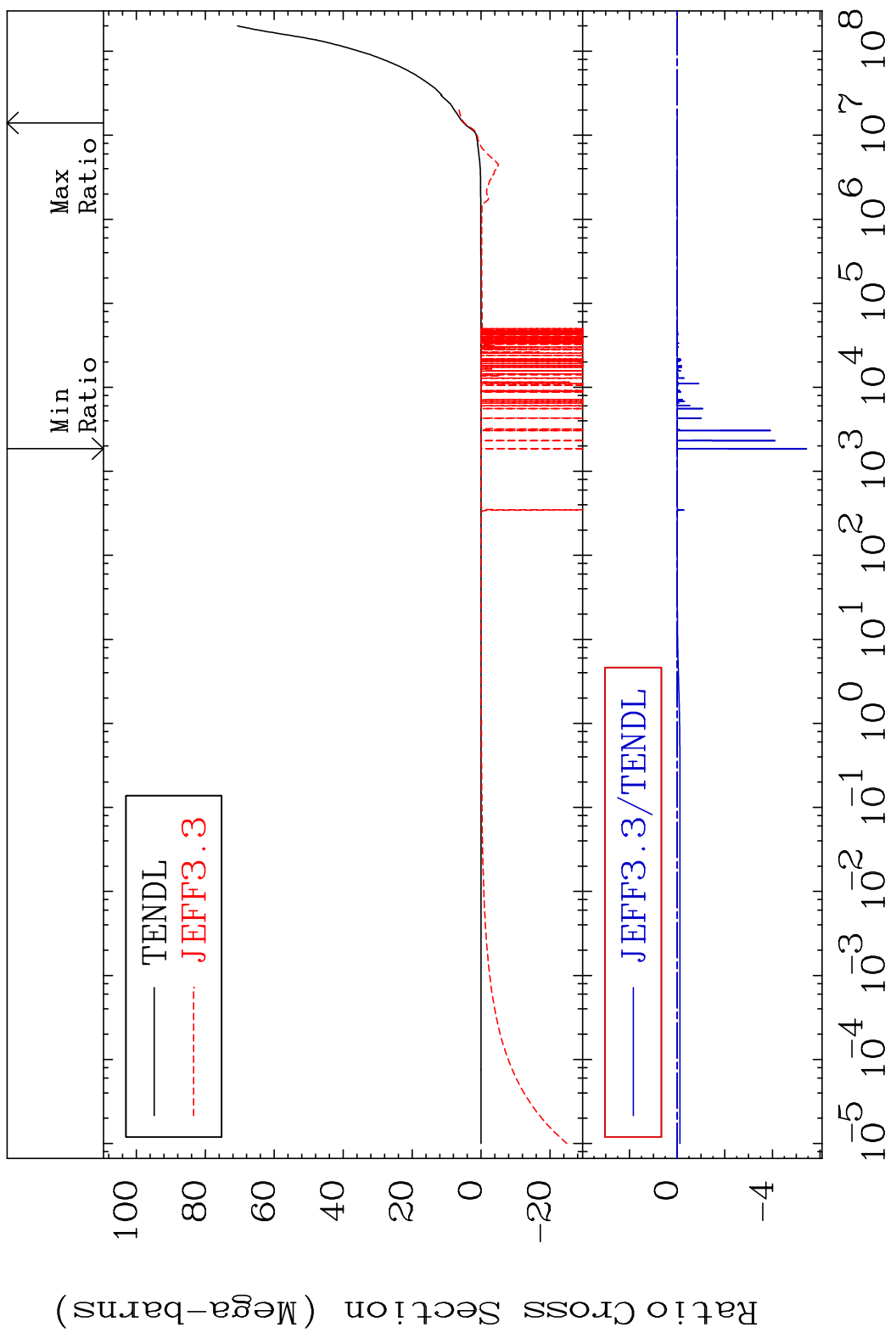
42-Mo-92

Cross Section -100.0 To 201.5 %



MAT 4225

Kerma total (eV-barns) 42-Mo-92  
Cross Section -9999. To -3.498%



44

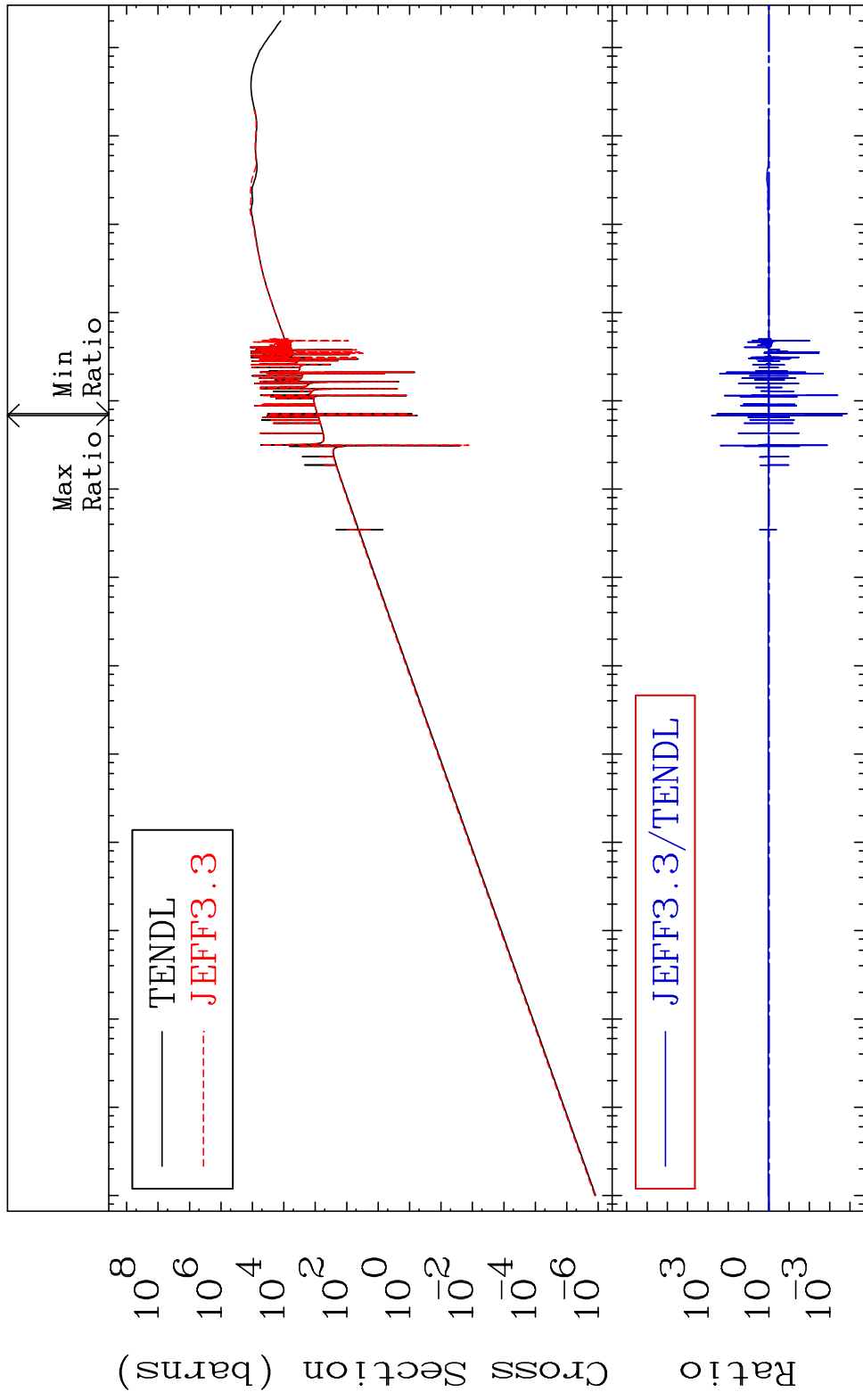
Incident Energy (eV) 42-Mo-92

MAT 4225

Kerma elastic  
Cross Section

42-Mo-92

-99.99 To 9999. %

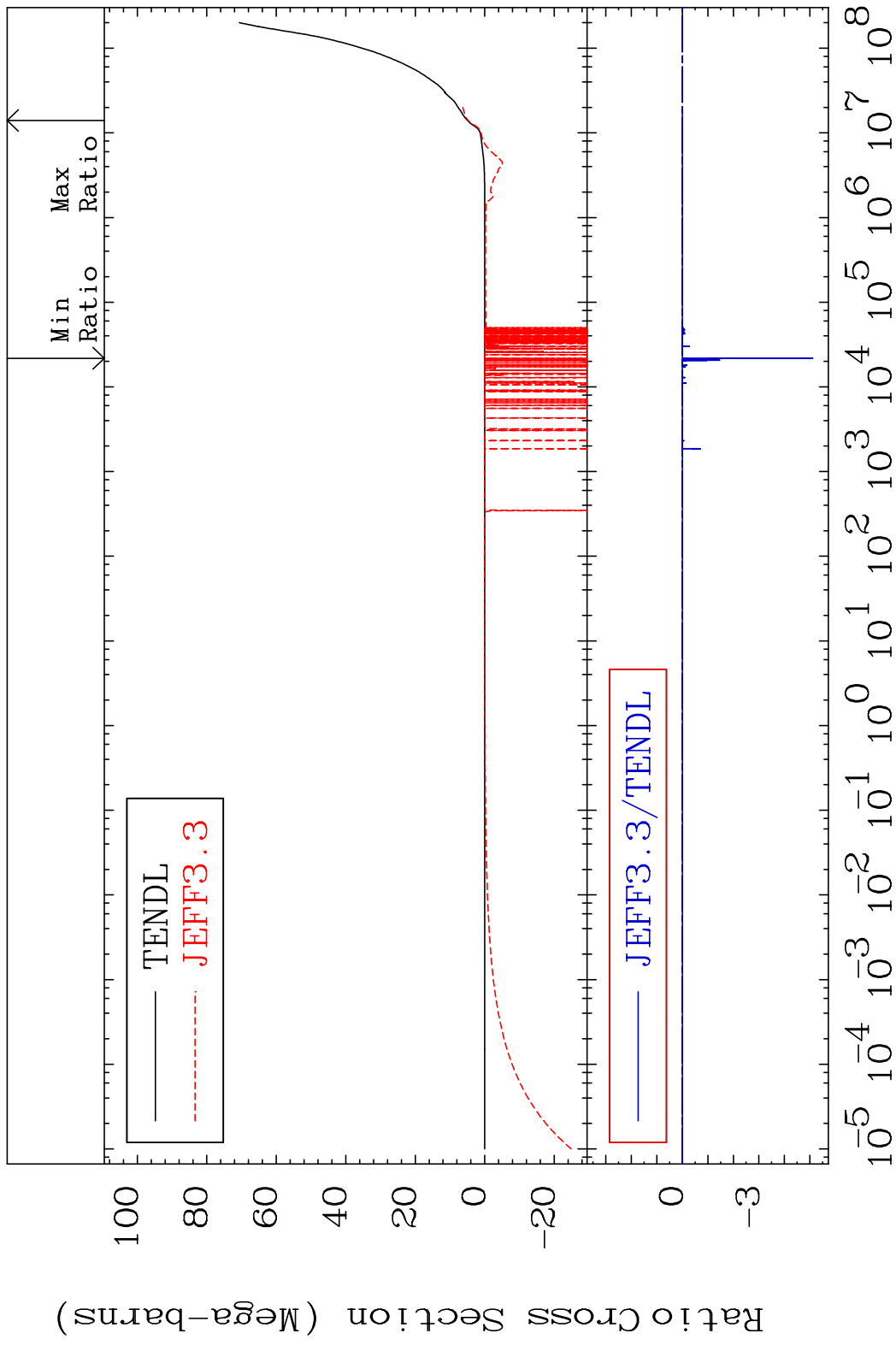


45

Incident Energy (eV)

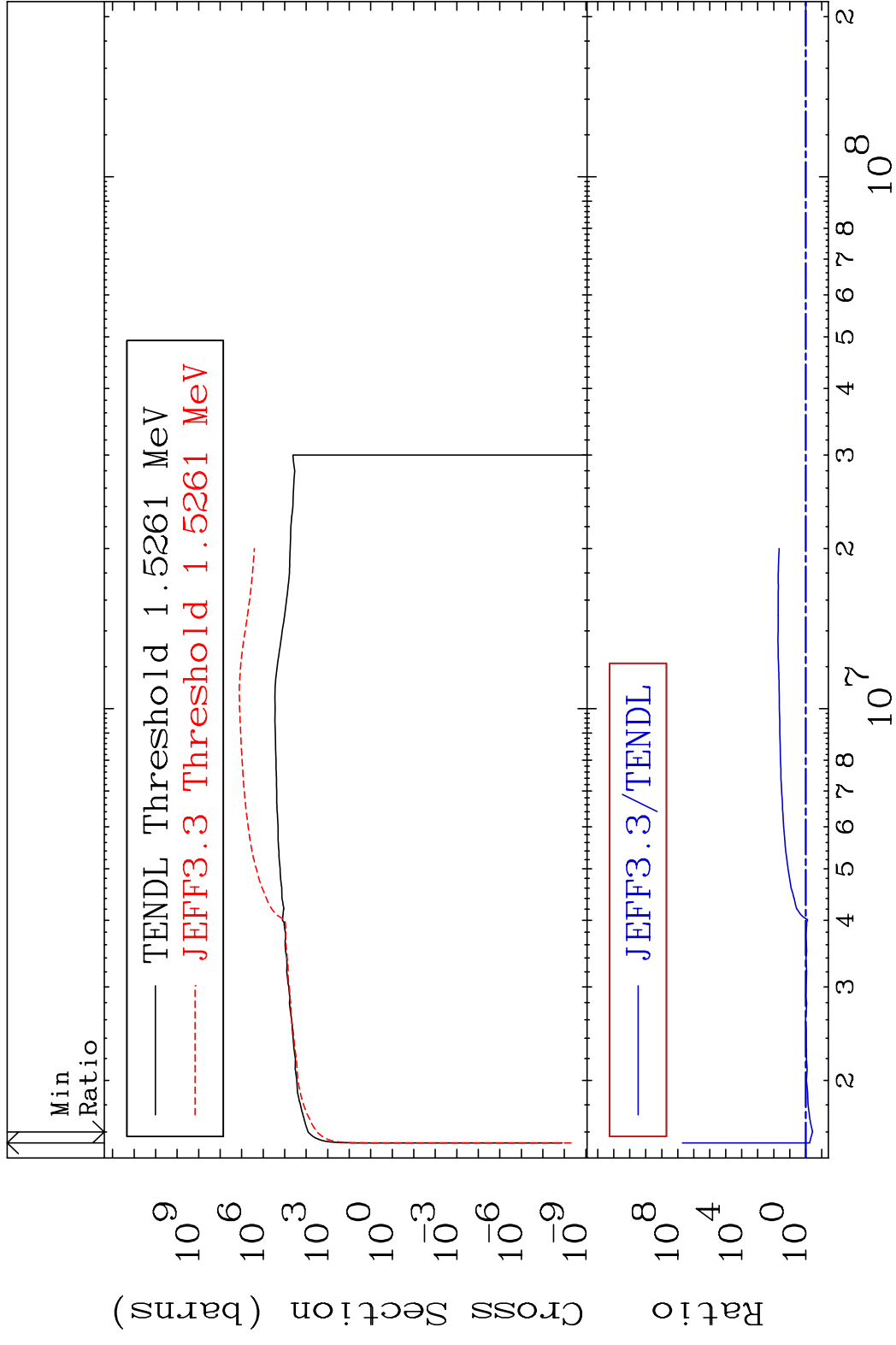
42-Mo-92

MAT 4225 Kerma non-elastic (all but mt2) 42-Mo-92  
 Cross Section -9999. To -3.607%



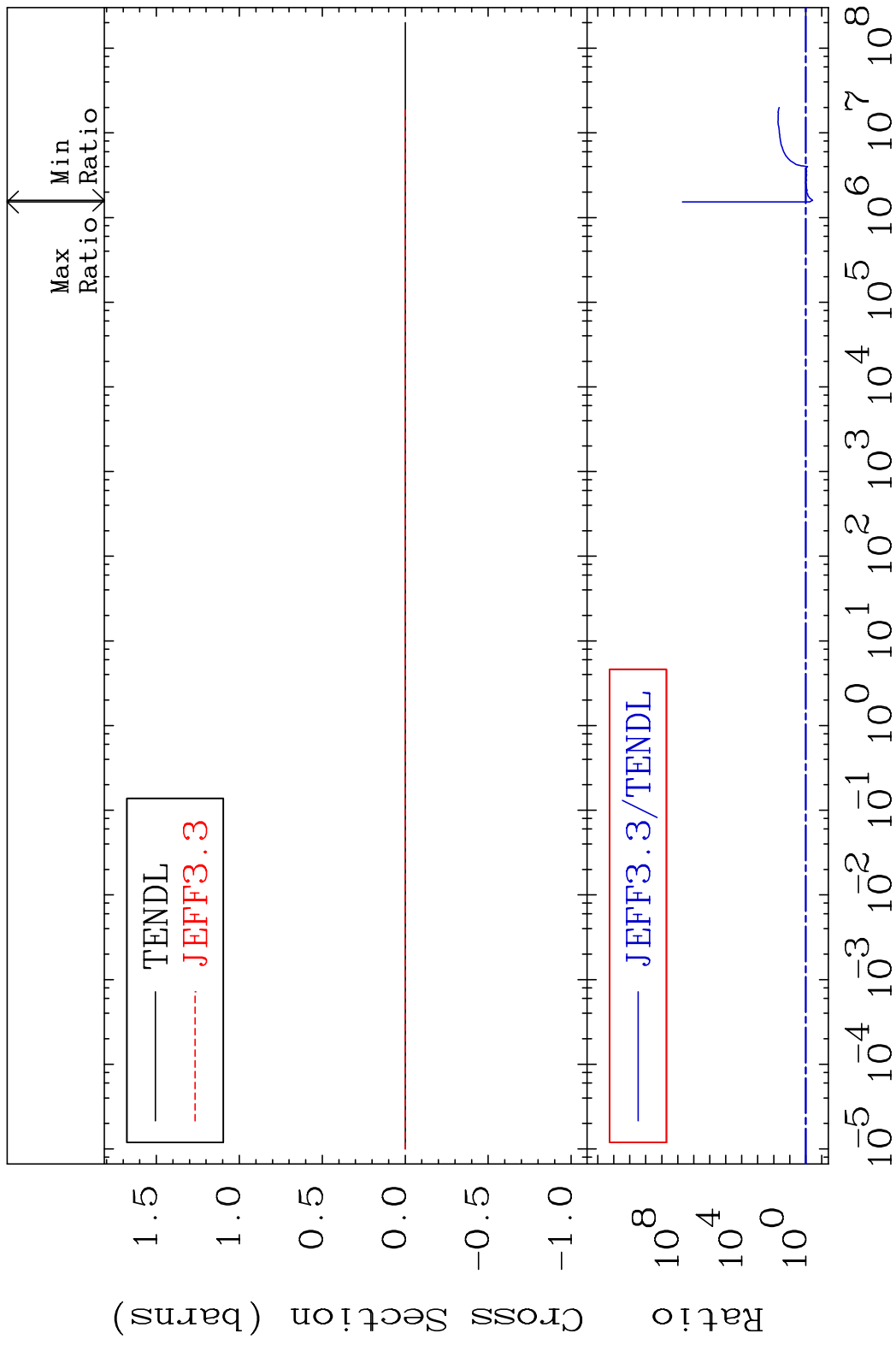
46 Incident Energy (eV) 42-Mo-92

MAT 4225 Kerma inelastic (mt51-91) 42-Mo-92  
 Cross Section -62.56 To 9999. %





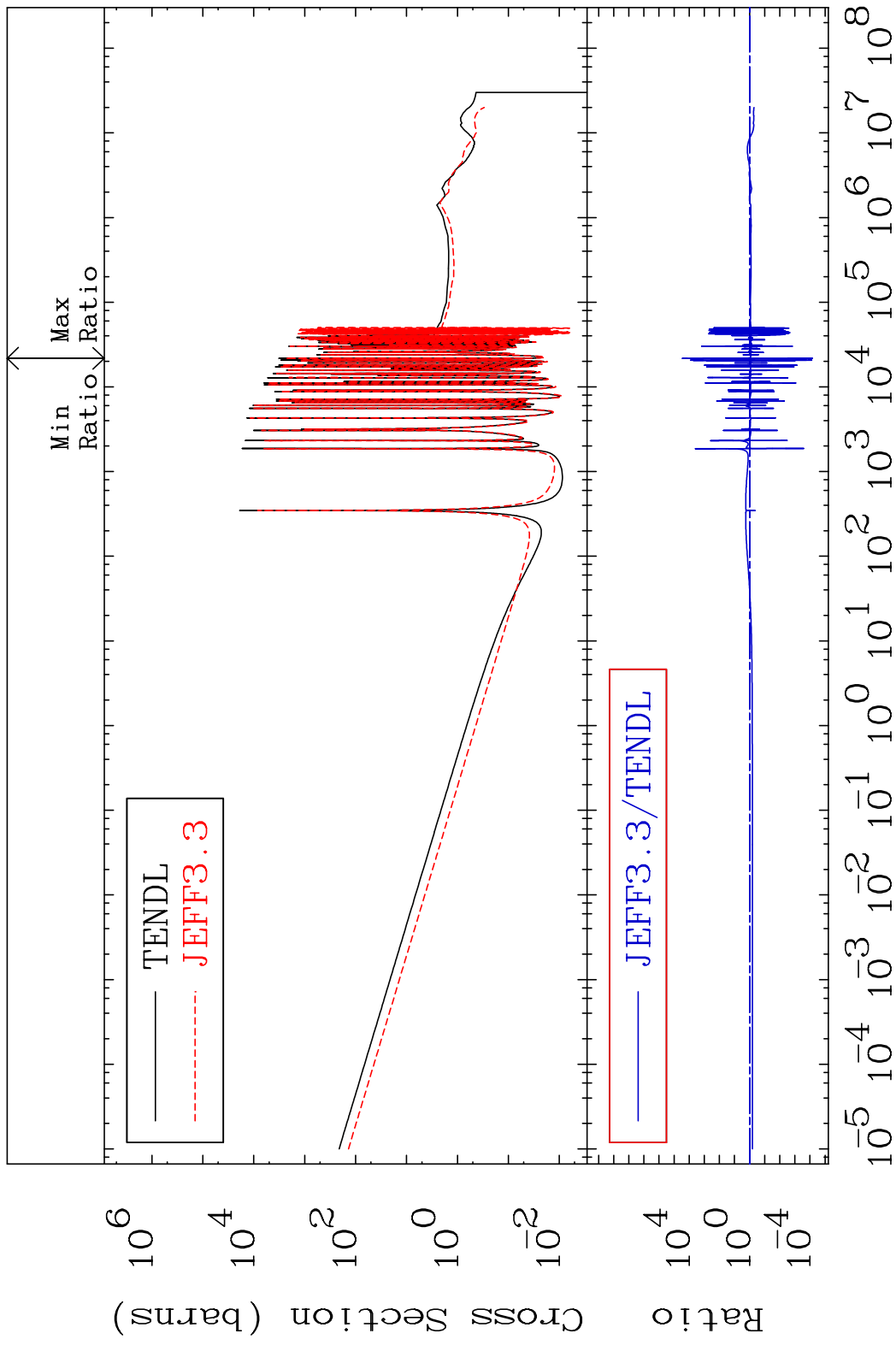
MAT 4225 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-92  
 Cross Section -62.56 To 9999. %



MAT 4225

Kerma capture (mt102) 42-Mo-92

Cross Section -99.99 To 9999. %



49

Incident Energy (eV)

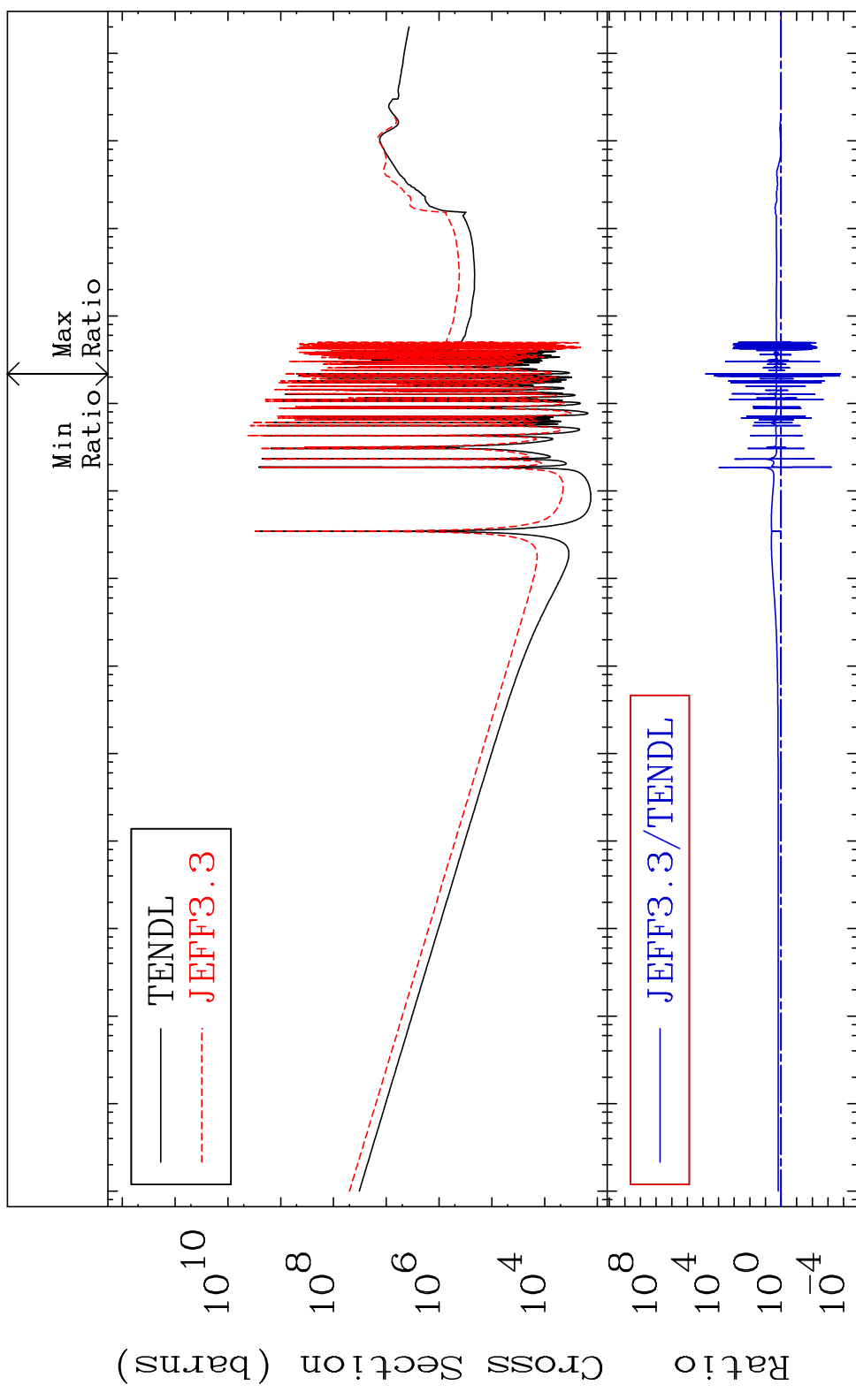
42-Mo-92

MAT 4225

Total photon (eV-barns)

42-Mo-92

Cross Section -99.98 To 9999. %

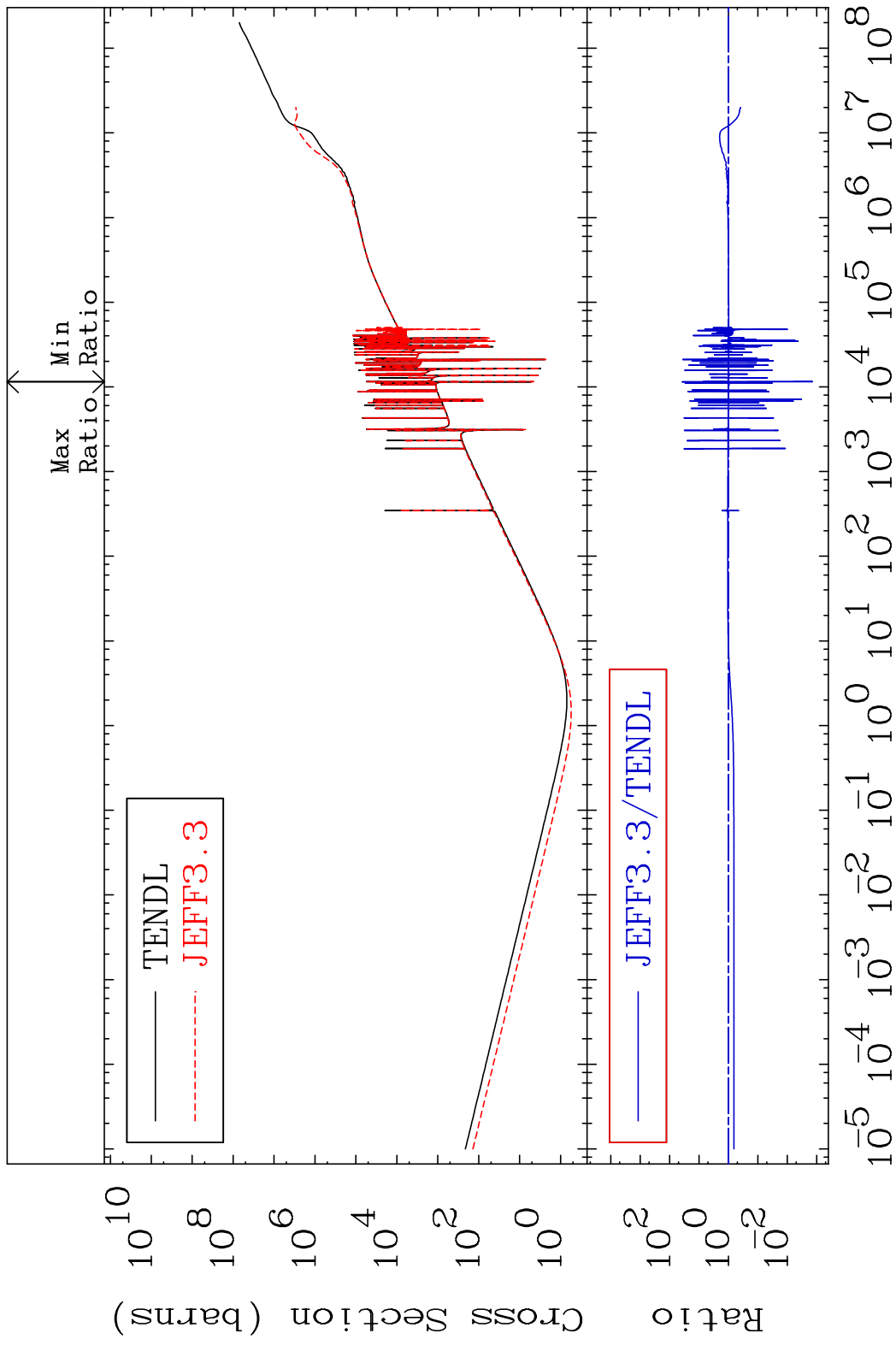


50

Incident Energy (eV)

42-Mo-92

MAT 4225 Total kinematic kerma (high limit) 42-Mo-92  
 Cross Section -99.86 To 3608. %



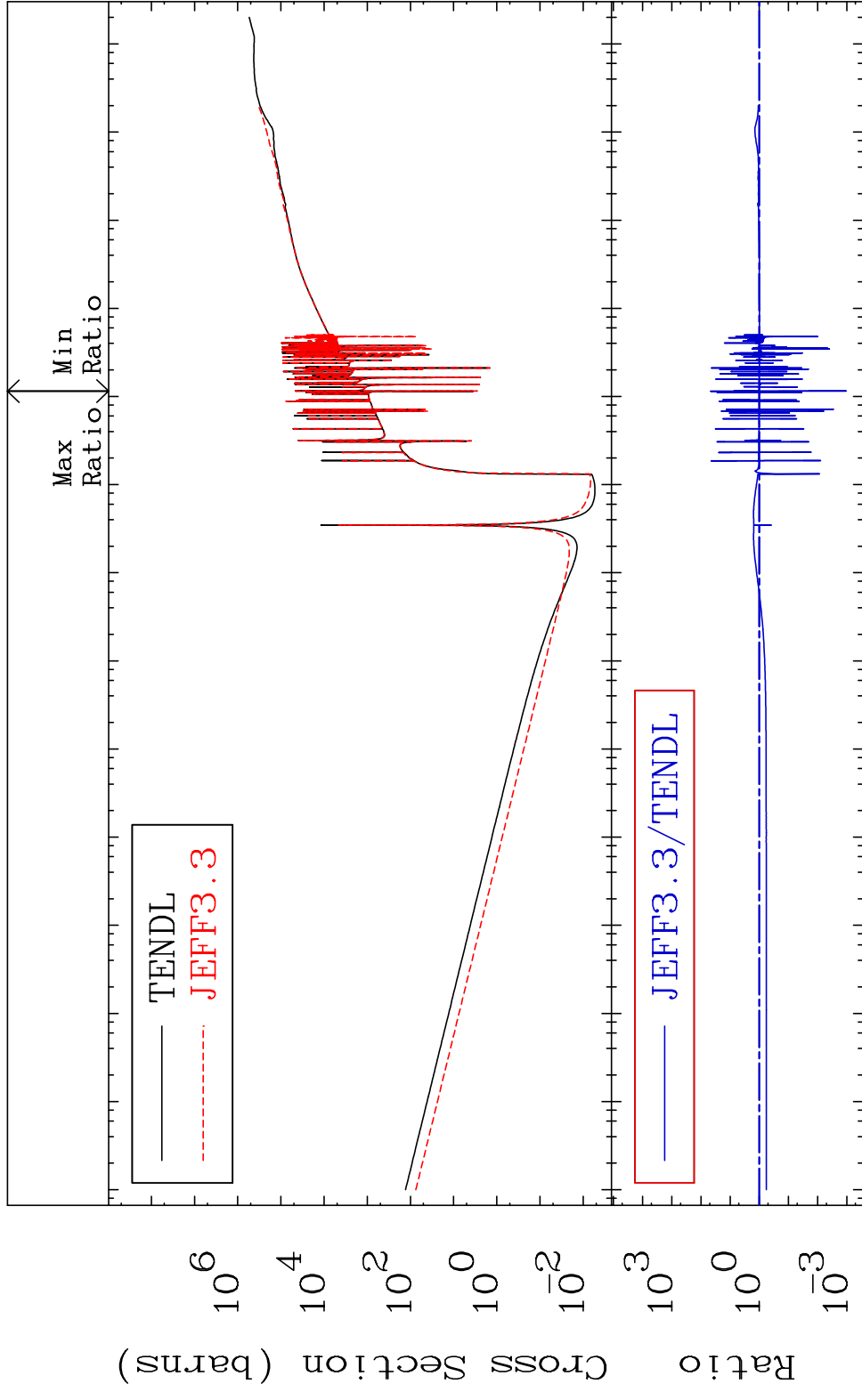
MAT 4225

Dpa total (eV-barns)

42-Mo-92

Cross Section

-99.90 To 4526. %



52

Incident Energy (eV)

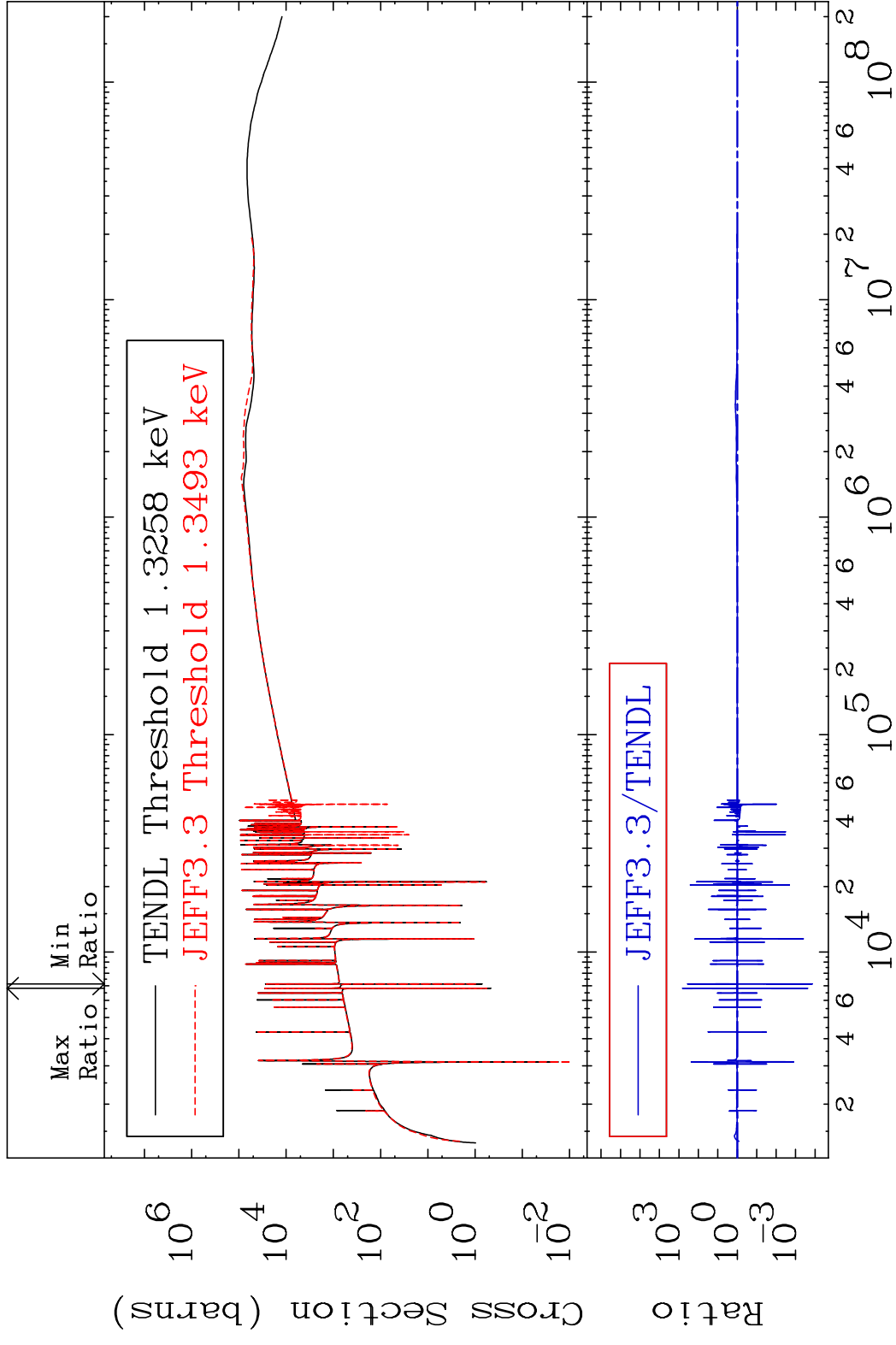
42-Mo-92

MAT 4225

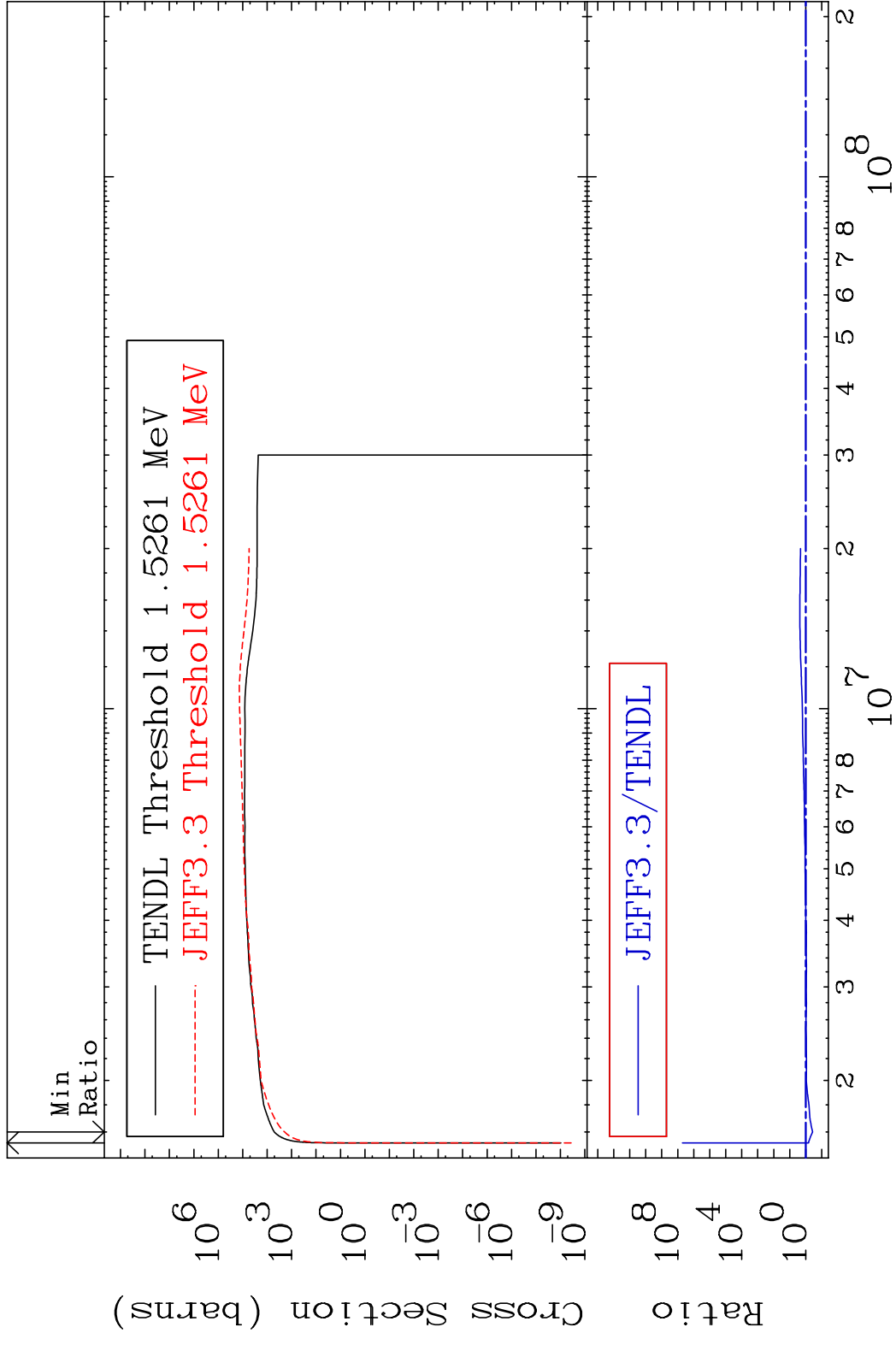
Dpa elastic (mt2)

42-Mo-92

Cross Section -99.99 To 9999. %



MAT 4225      Dpa inelastic (mt51-91)      42-Mo-92  
 Cross Section      -62.56 To 9999. %



MAT 4225 Dpa disappearance (mt102 -120) 42-Mo-92  
 Cross Section -99.99 To 9999. %

