

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

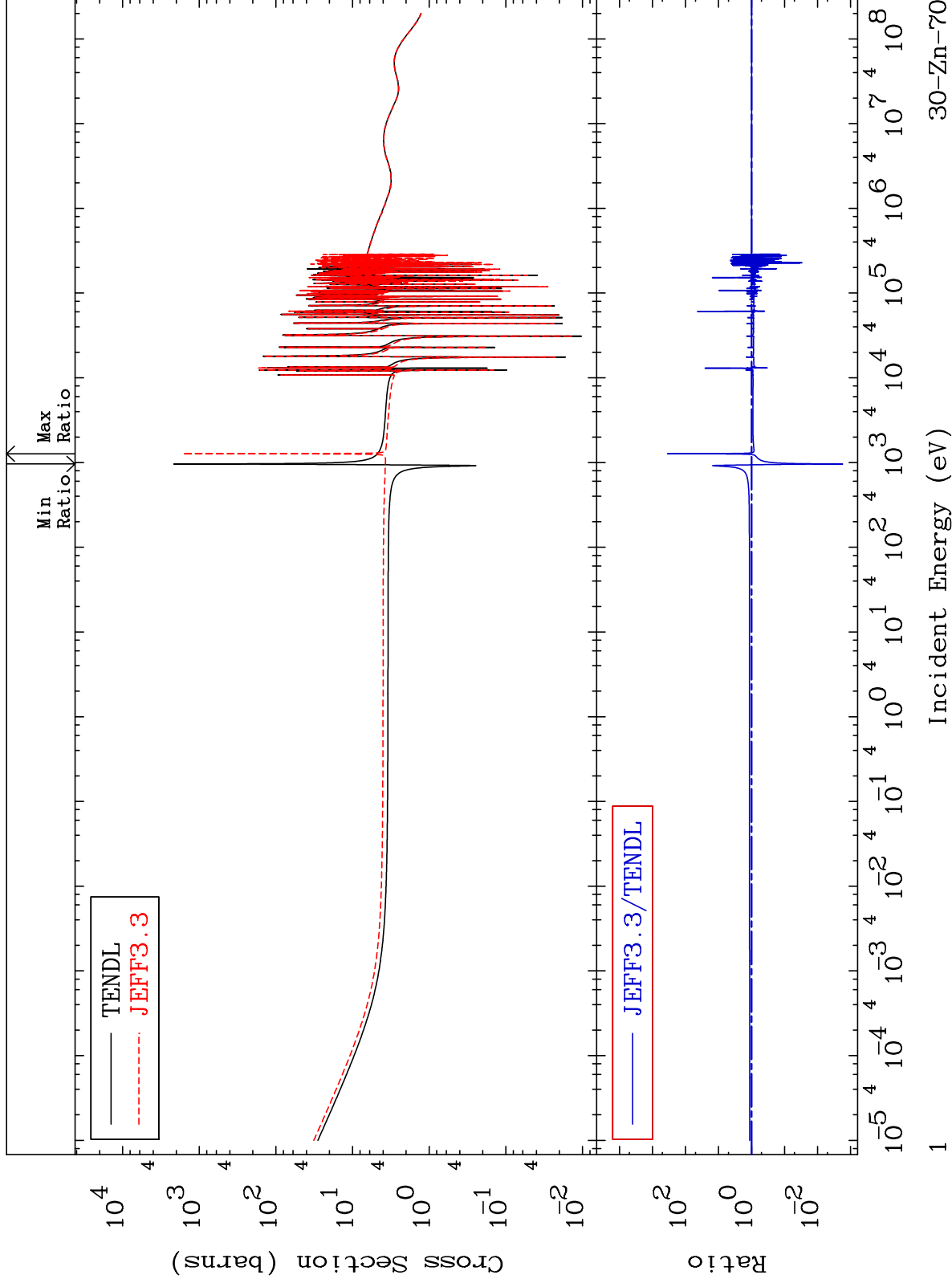
MAT 3043

Total

30-Zn-70

Cross Section

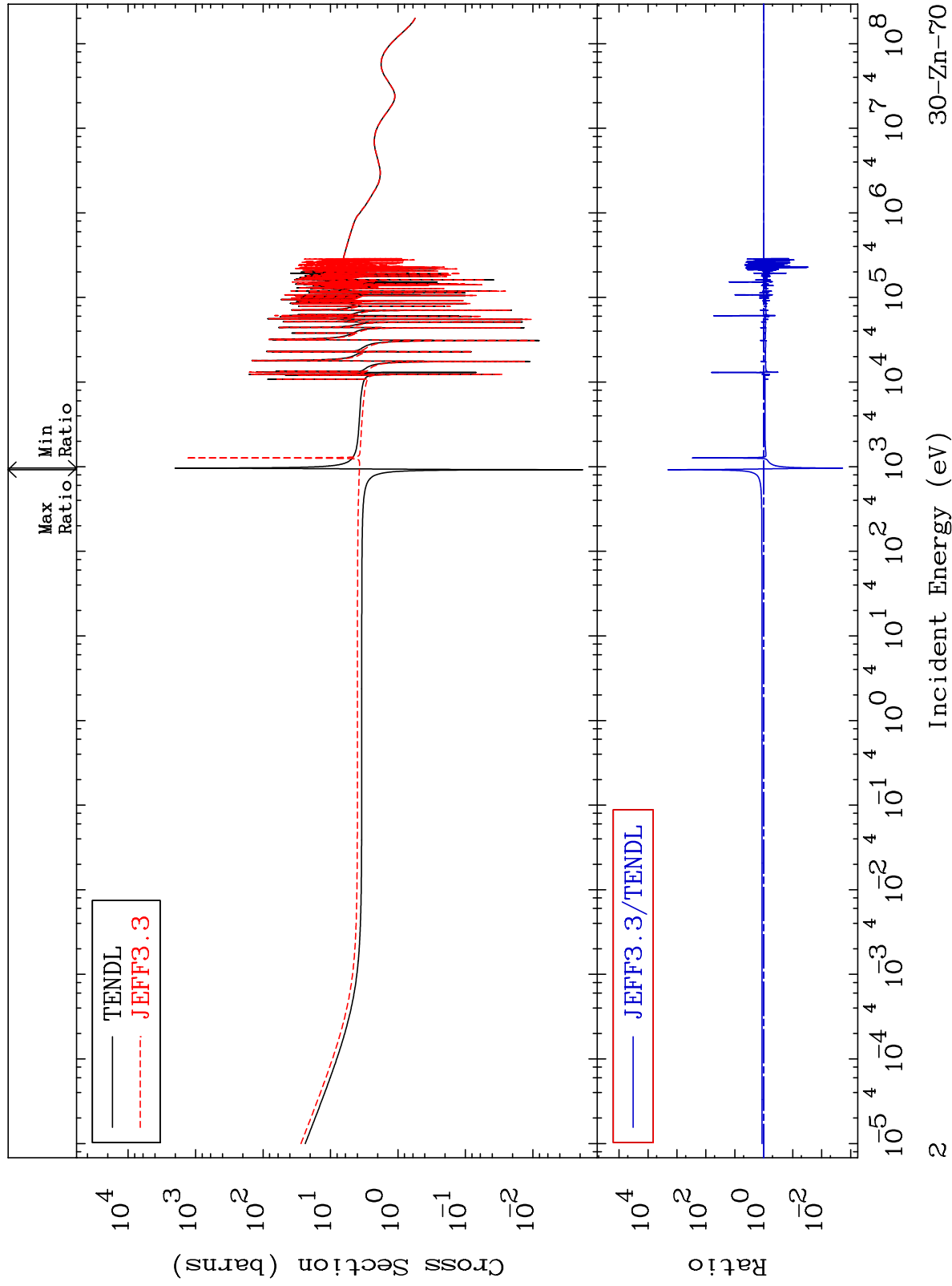
-99.83 To 9999. %



MAT 3043

Elastic  
Cross Section

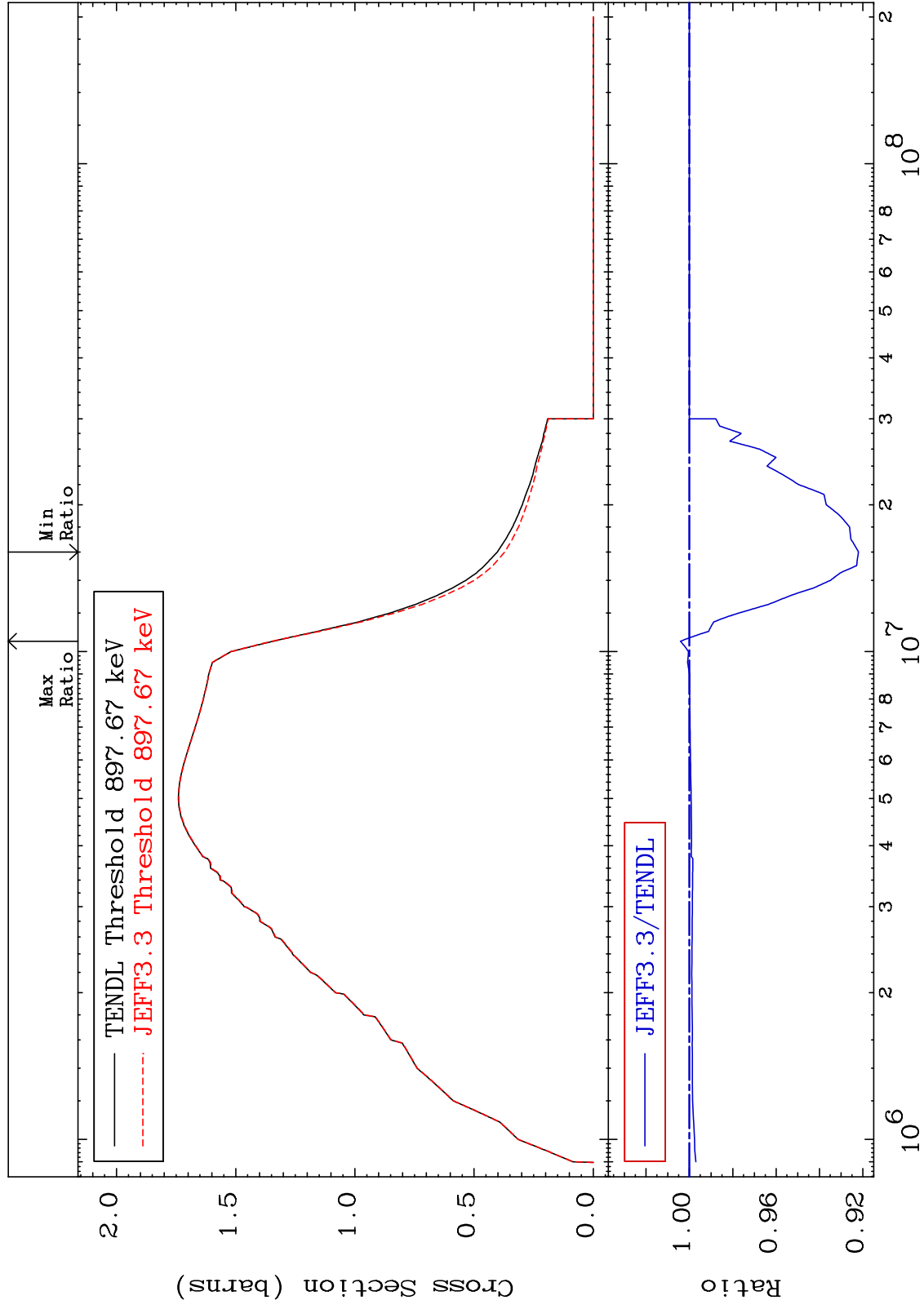
30-Zn-70  
-99.81 To 9999. %



MAT 3043

Inelastic  
Cross Section

30-Zn-70  
-7.804 To 0.414 %



Incident Energy (eV)

30-Zn-70

3

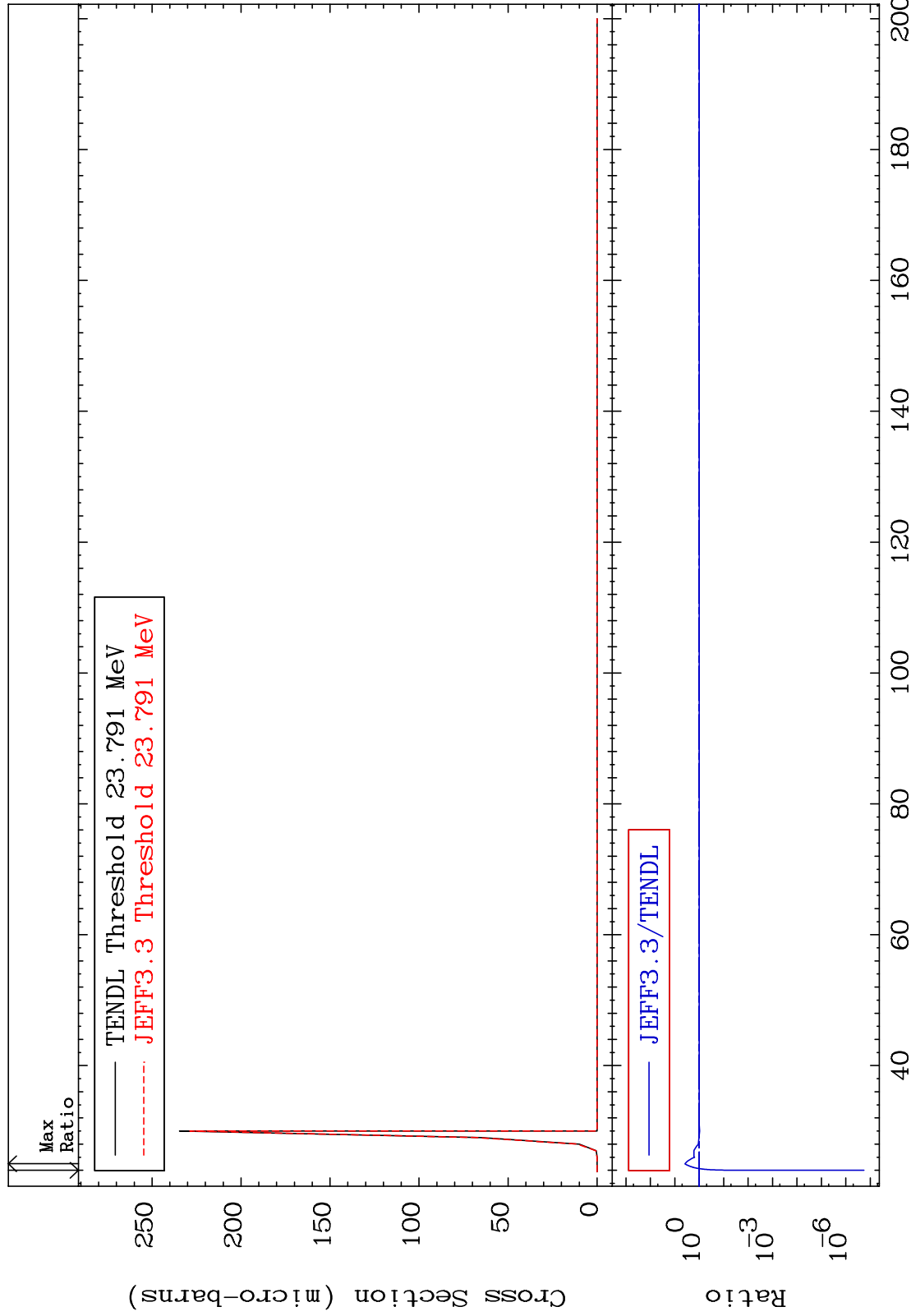
MAT 3043

(n,2n) d

30-Zn-70

Cross Section

-100.0 To 291.7 %



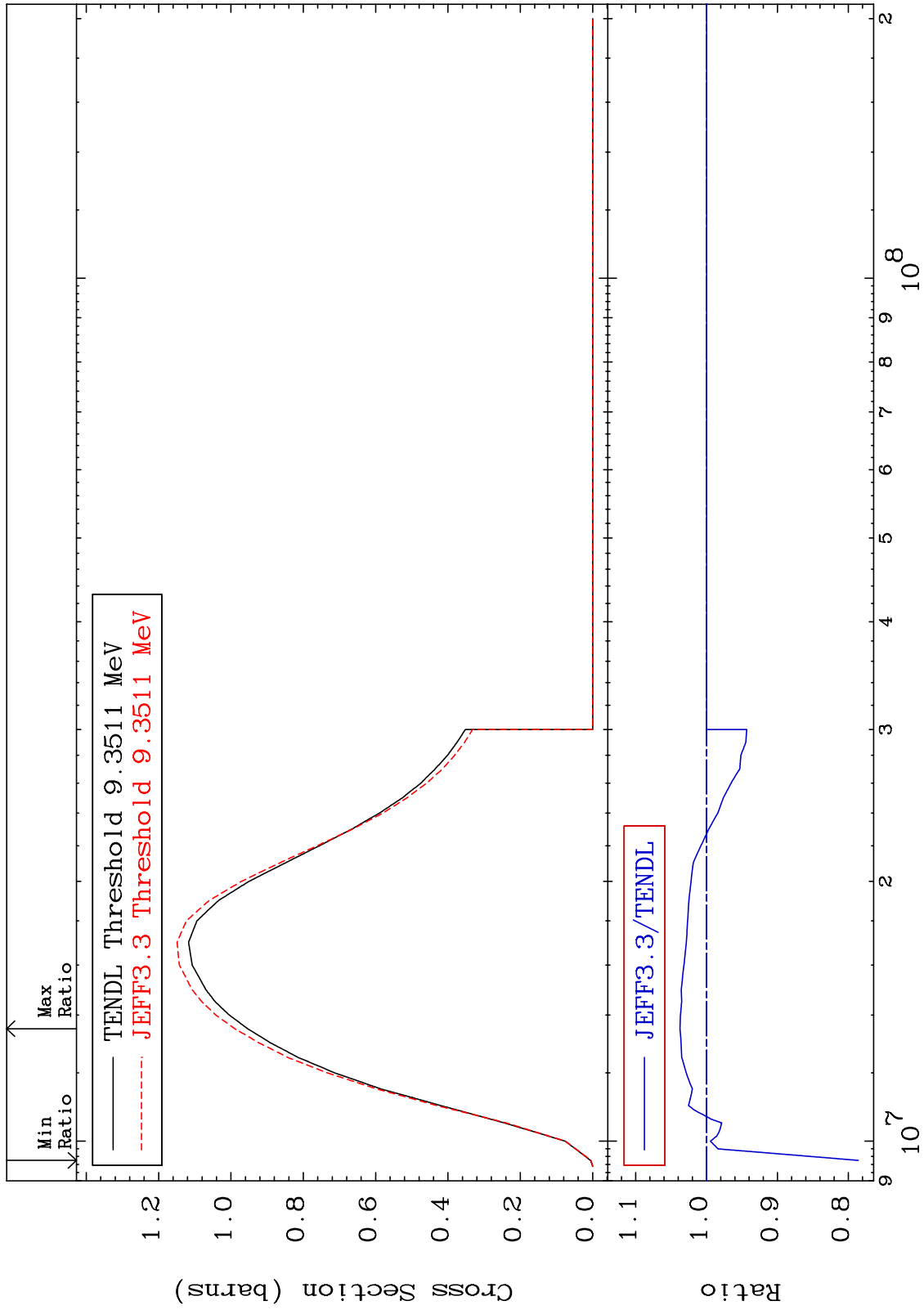
MAT 3043

(n,2n)

30-Zn-70

Cross Section

-21.41 To 3.742 %



Incident Energy (eV)

30-Zn-70

MAT 3043

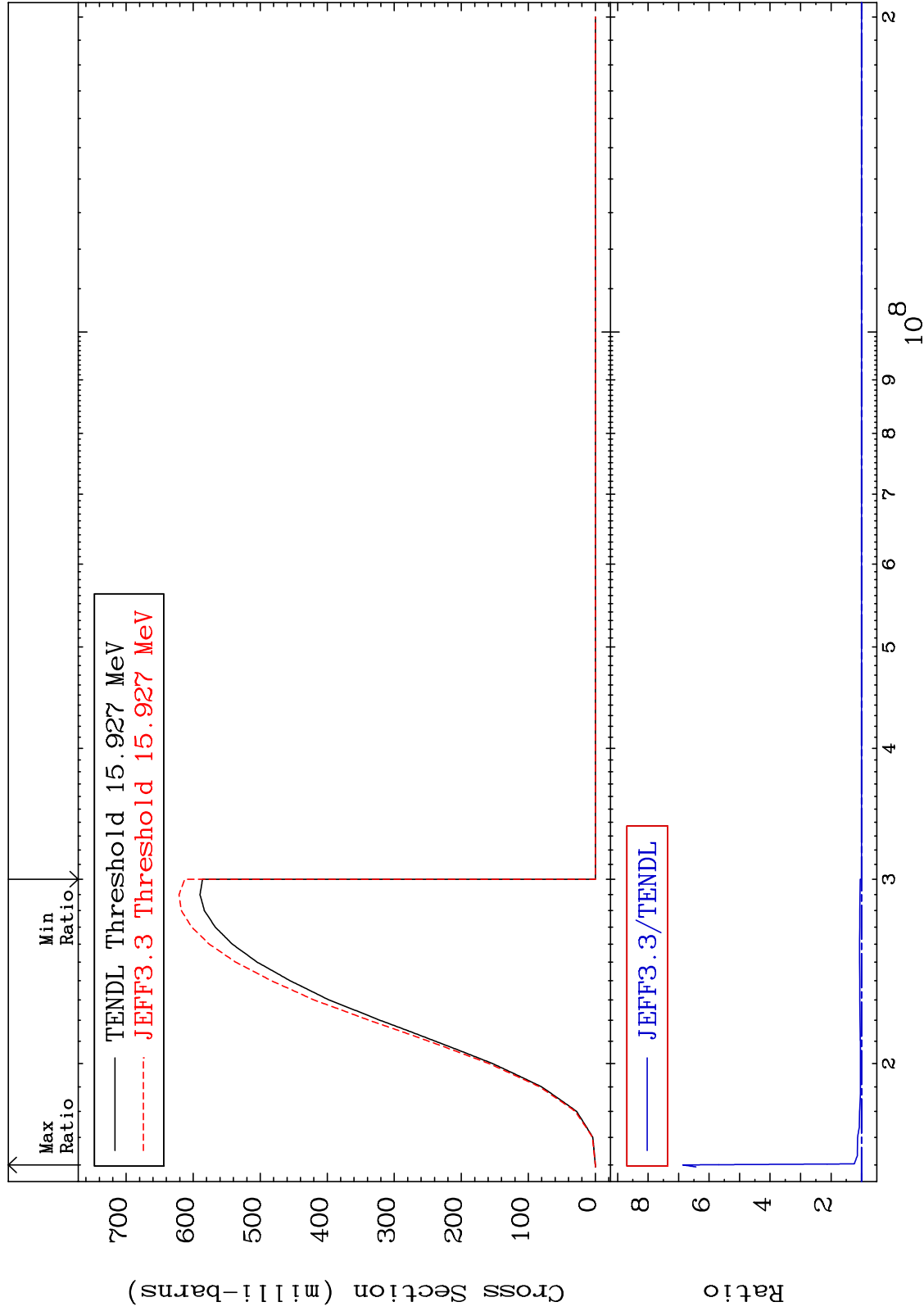
(n, 3n)

30-Zn-70

Cross Section

0.000

To 586.0 %



6

Incident Energy (eV)

30-Zn-70

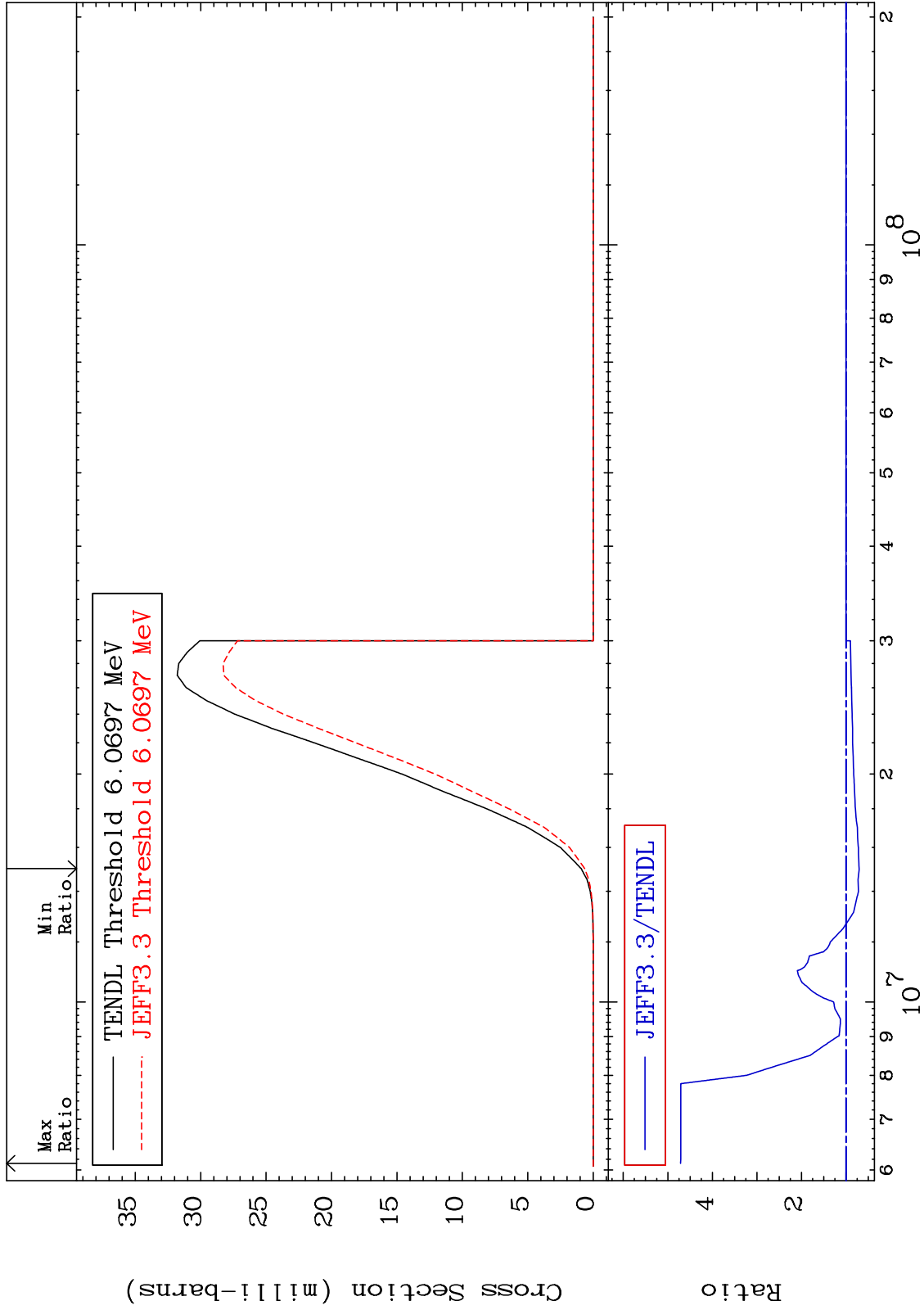
MAT 3043

(n,n')  $\alpha$

30-Zn-70

Cross Section

-29.47 To 371.2 %



Incident Energy (eV)

30-Zn-70

7



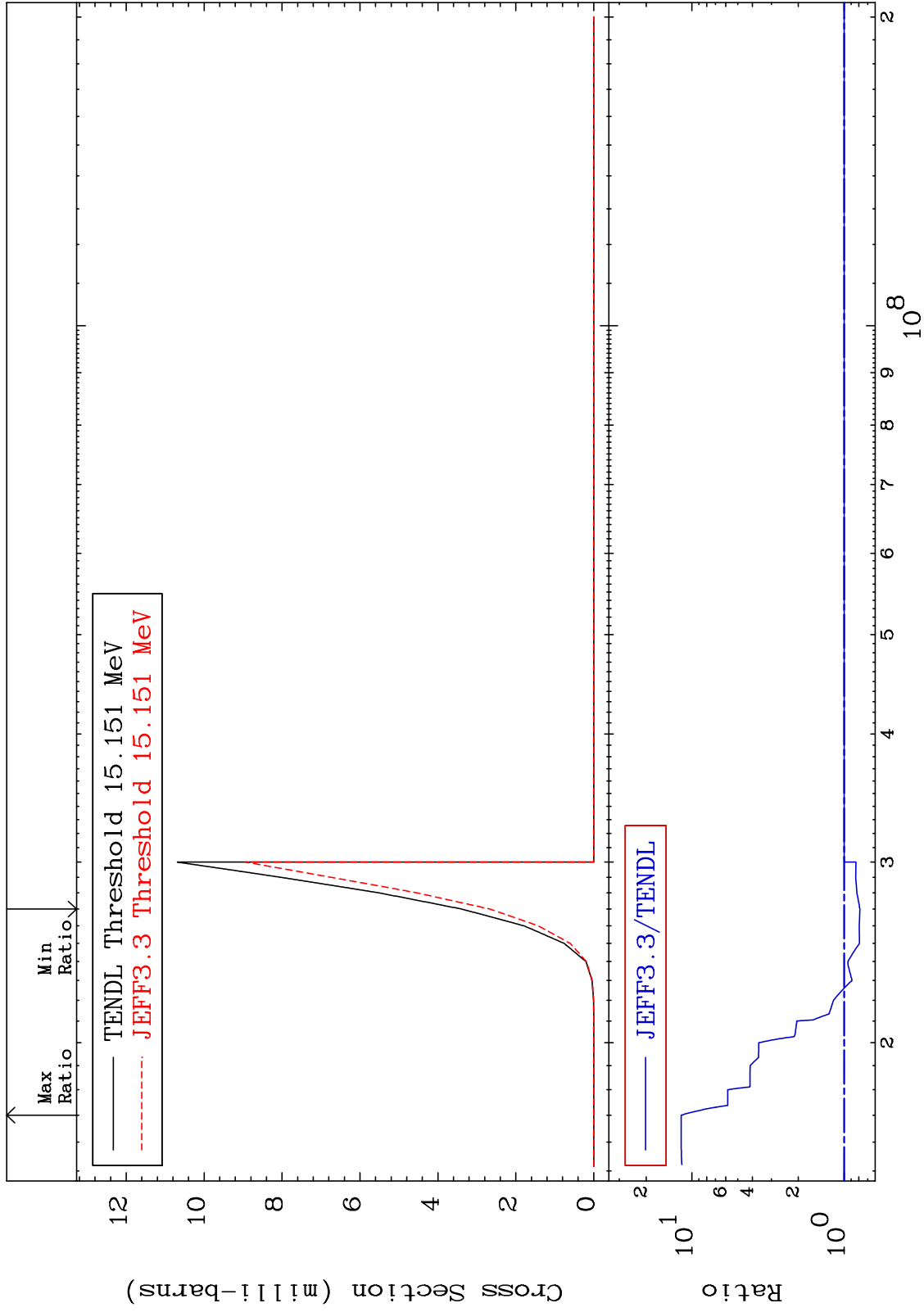
MAT 3043

(n,2n)  $\alpha$

30-Zn-70

Cross Section

-21.33 To 1076. %



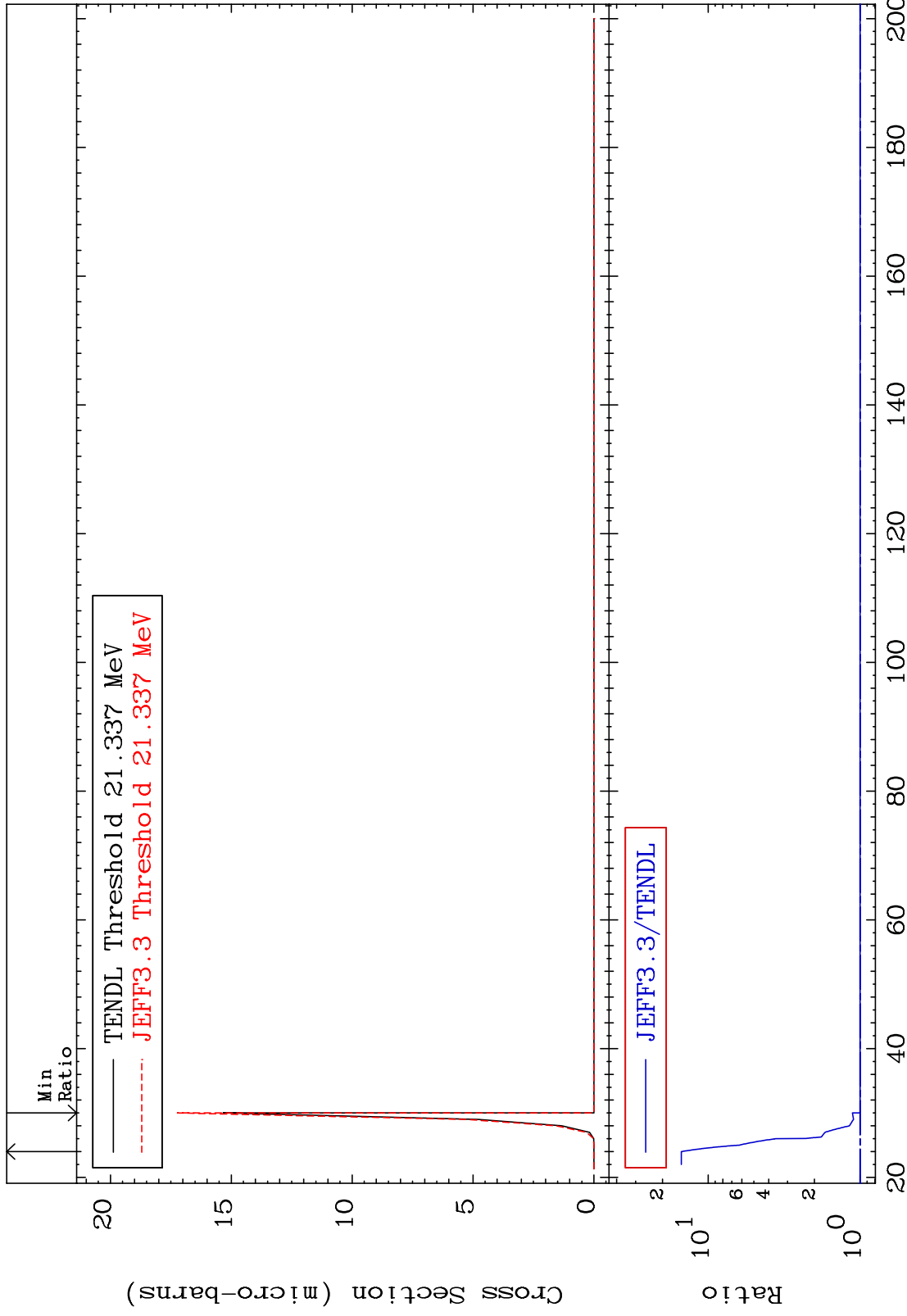
MAT 3043

(n, 3n)  $\alpha$

30-Zn-70

Cross Section

0.000 To 1401. %



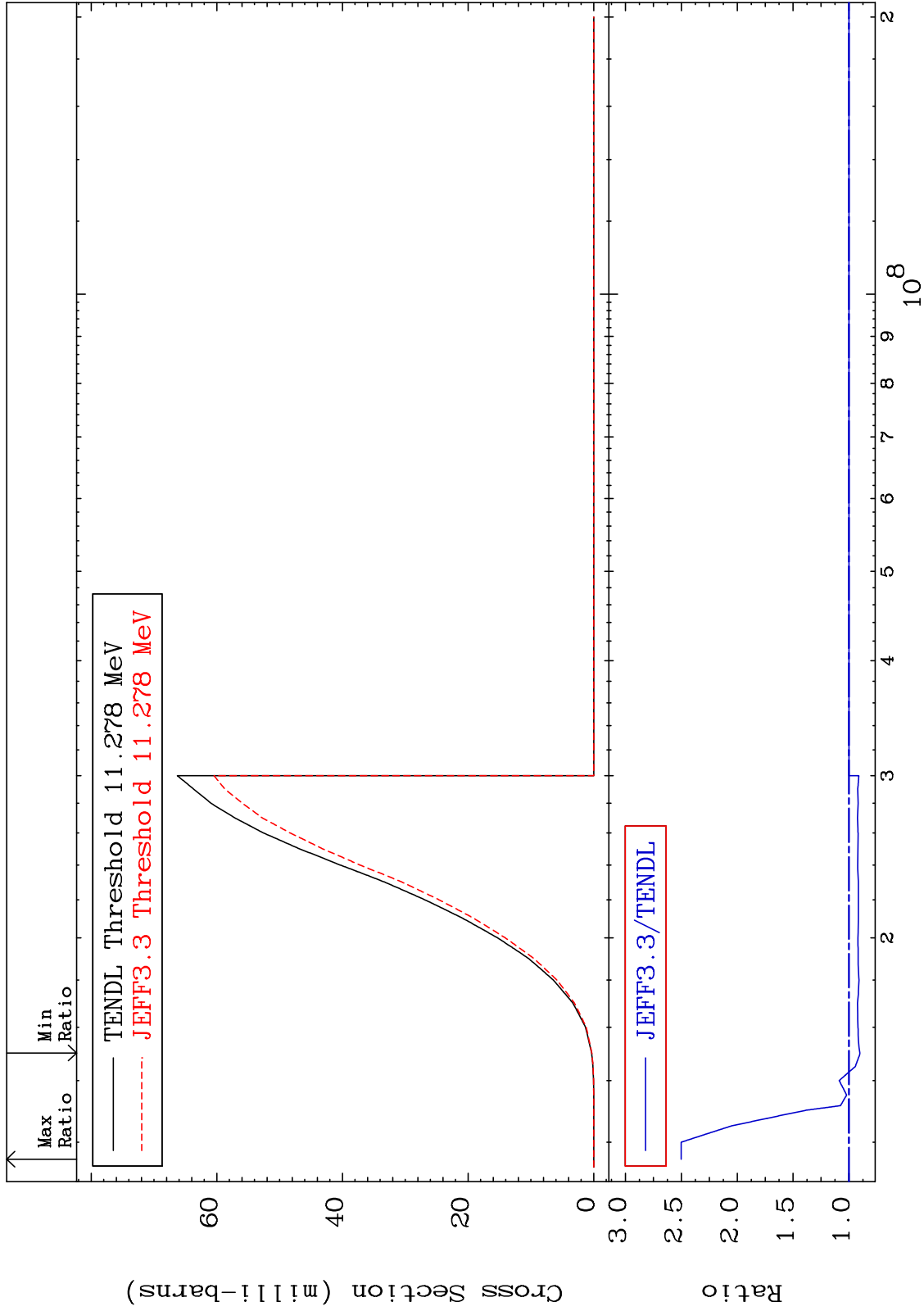
MAT 3043

(n,n') p

30-Zn-70

Cross Section

-9.780 To 150.1 %



10

Incident Energy (eV)

30-Zn-70

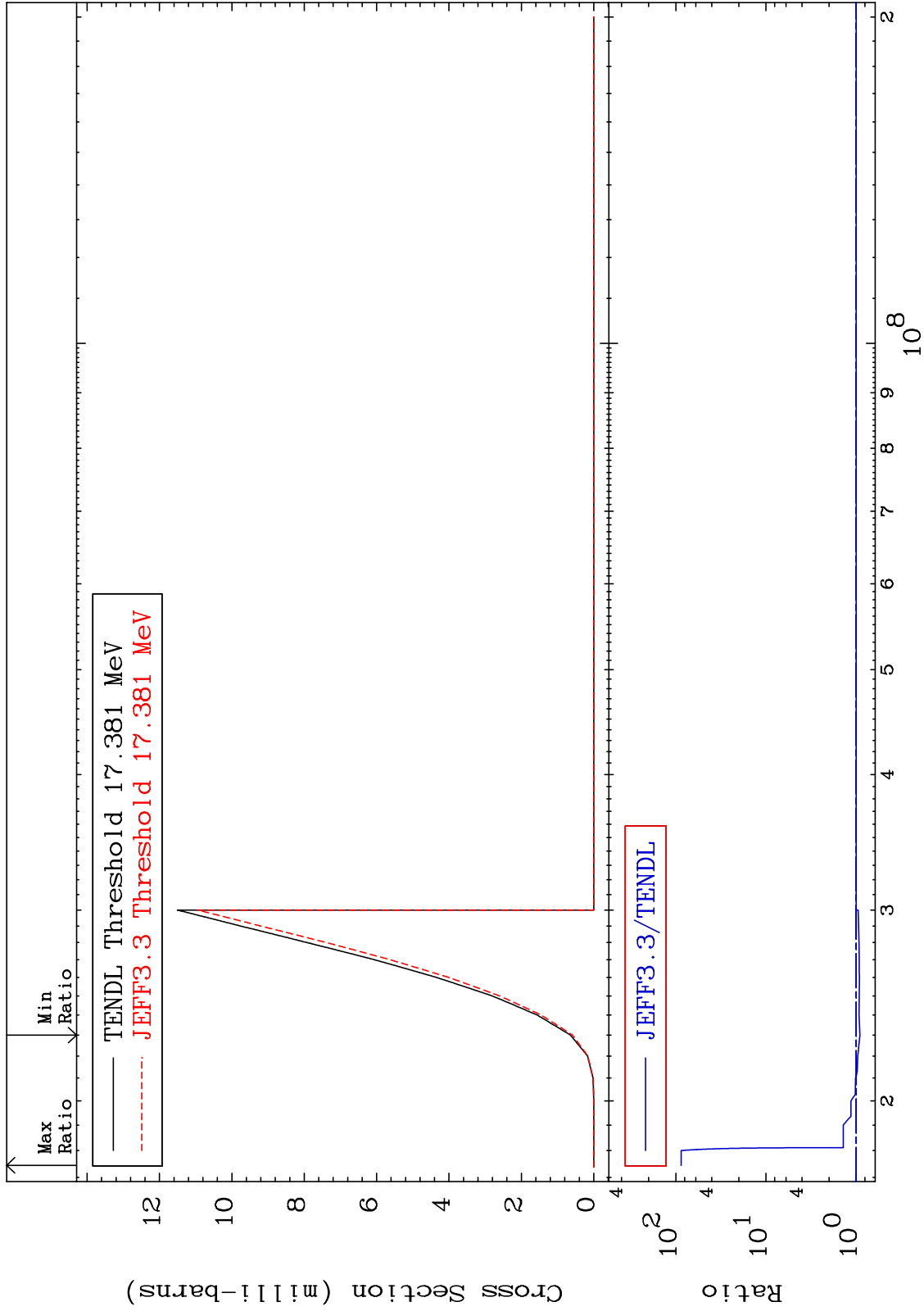
MAT 3043

(n,n') d

30-Zn-70

Cross Section

-9.043 To 8617. %



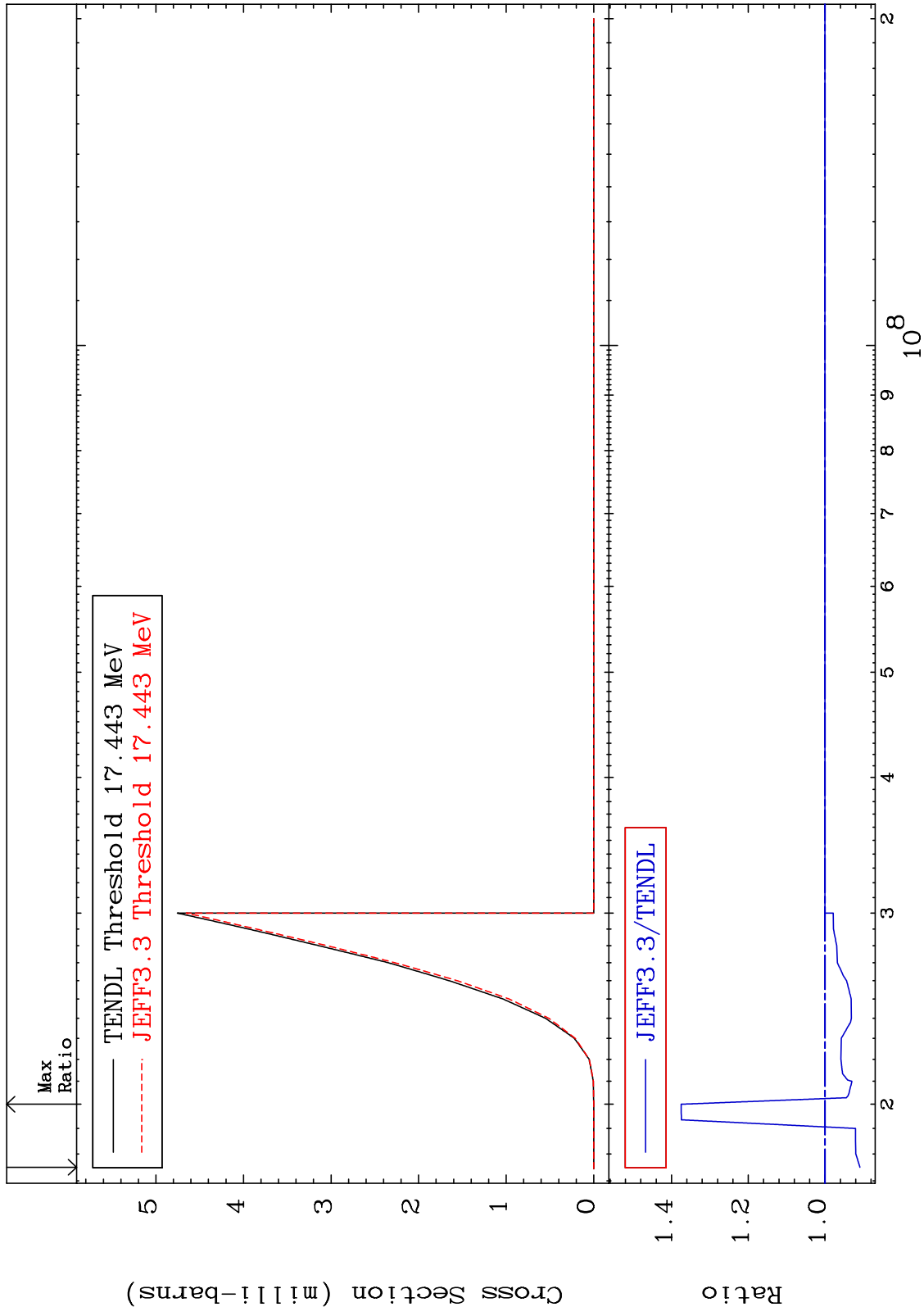
MAT 3043

(n,n') t

30-Zn-70

Cross Section

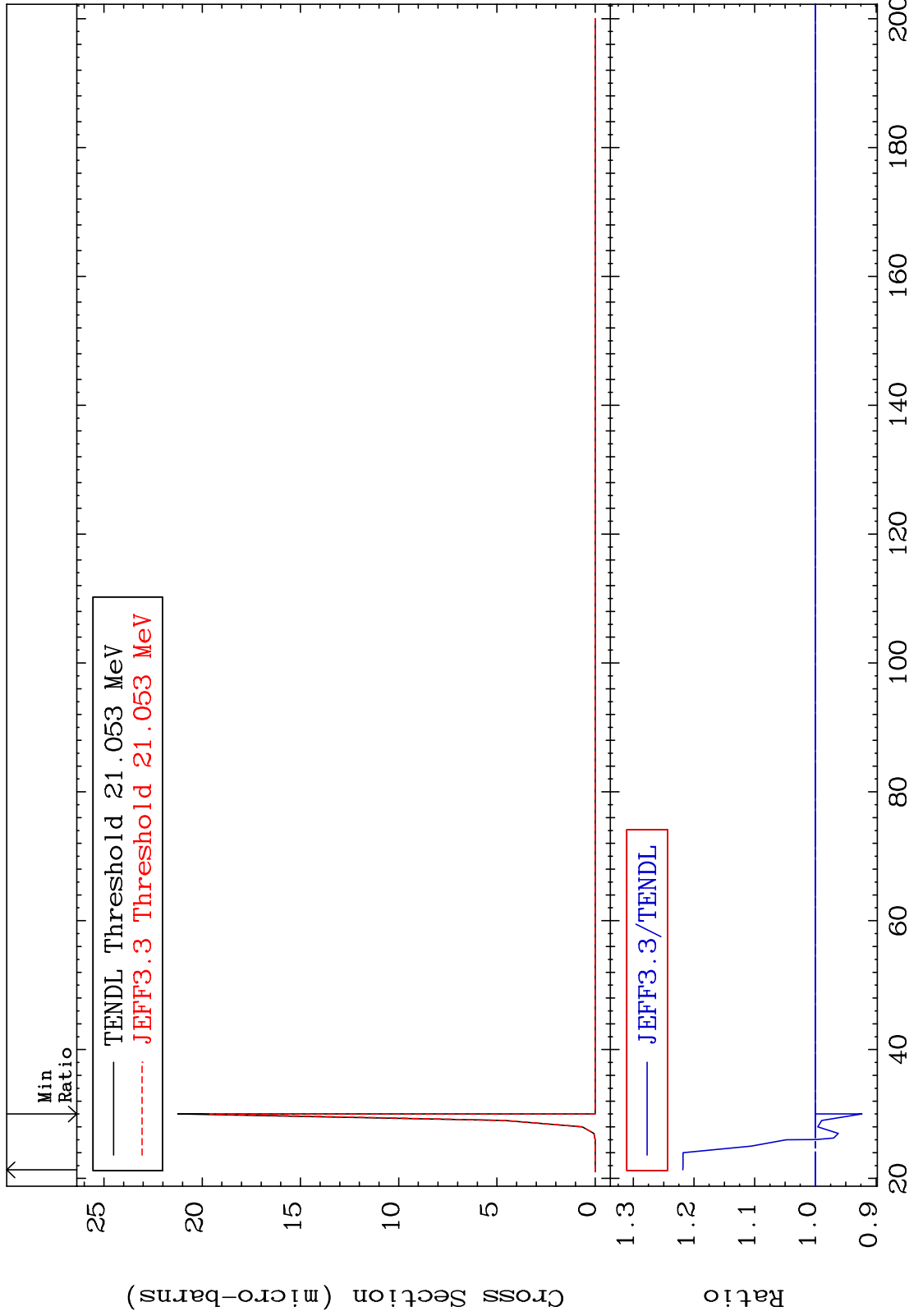
-9.095 To 37.48 %



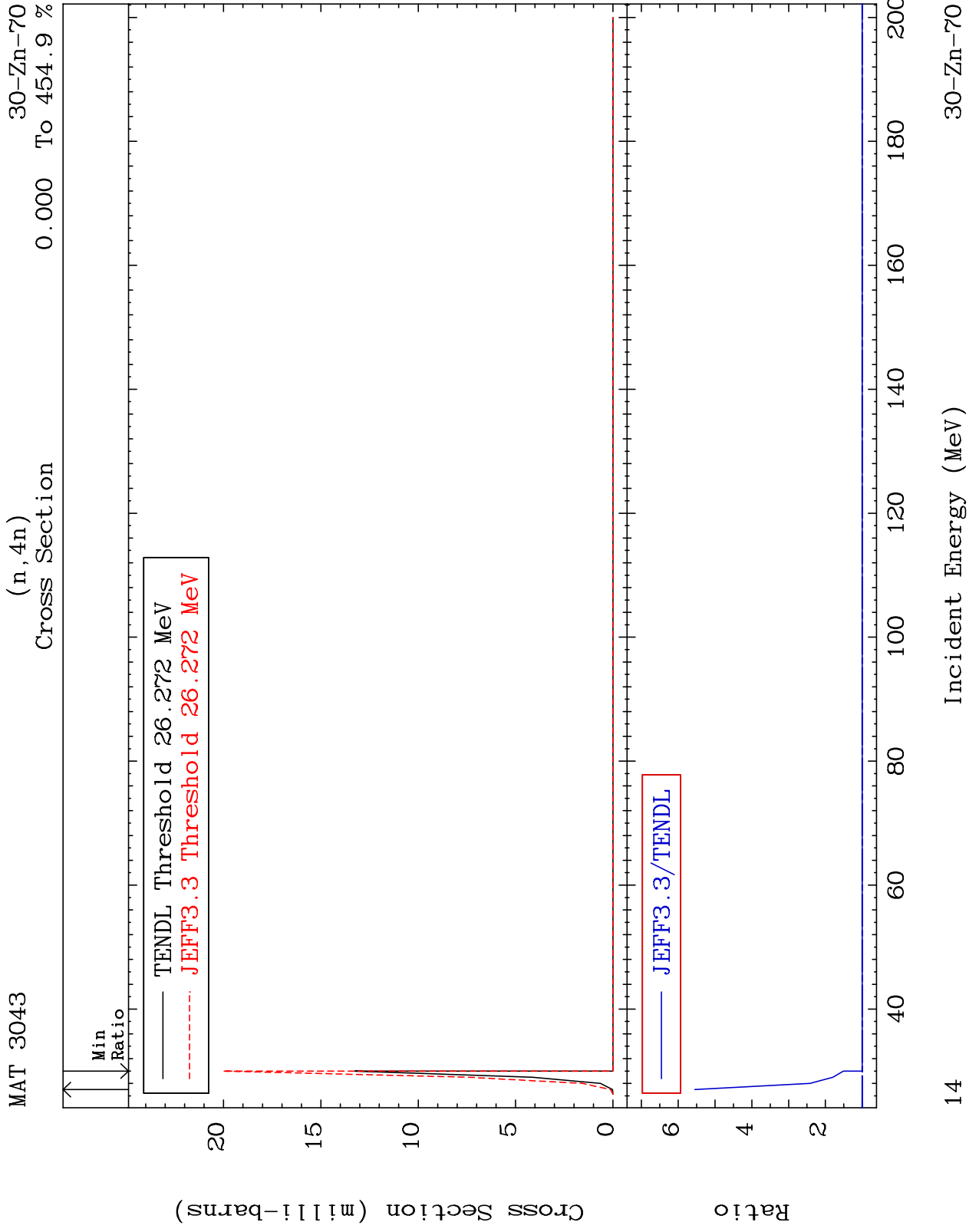
MAT 3043

(n, n') He-3  
Cross Section

30-Zn-70  
-7.678 To 21.84 %



30-Zn-70



MAT 3043

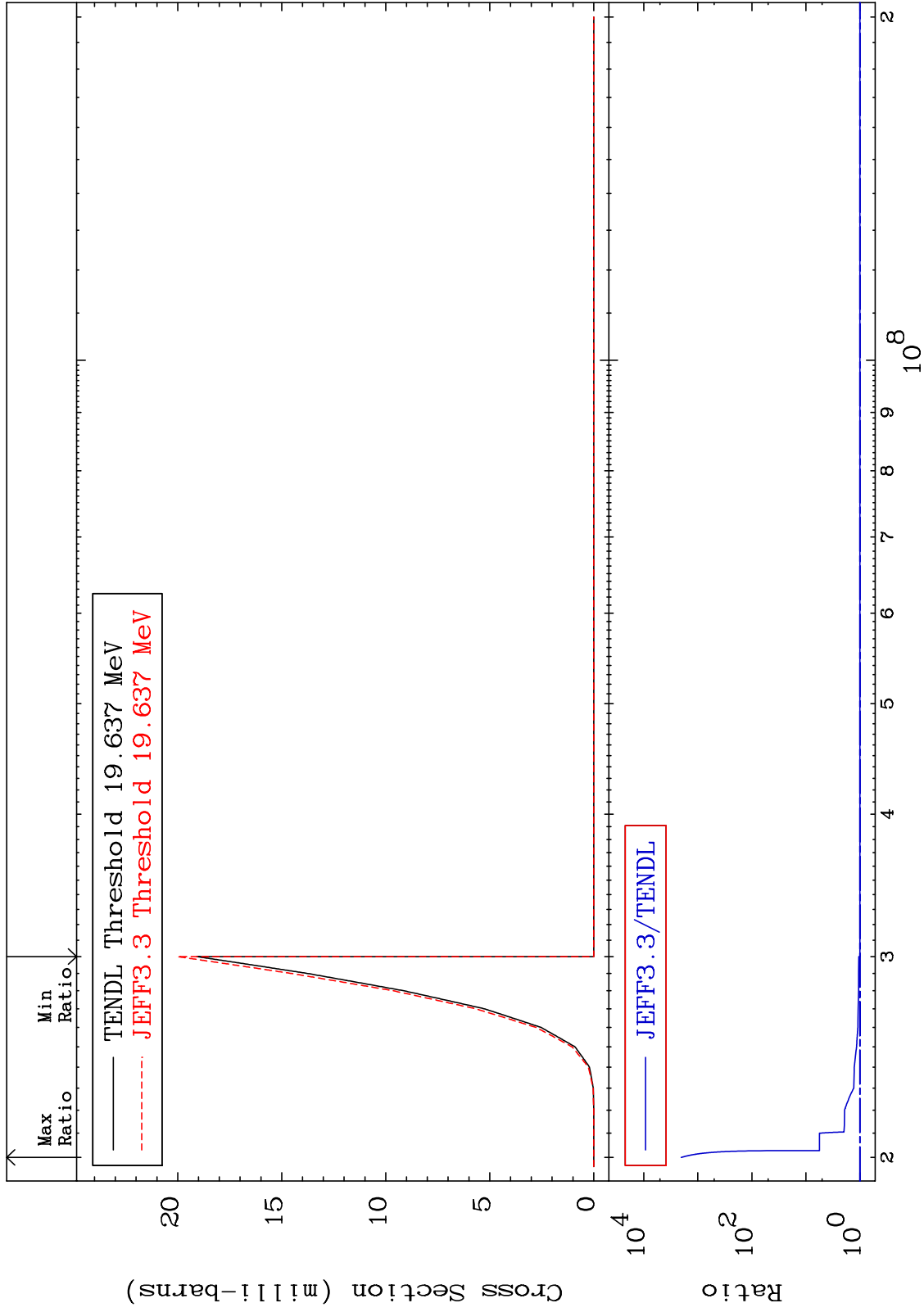
(n,2n) p

30-Zn-70

Cross Section

0.000

To 9999. %



15

Incident Energy (eV)

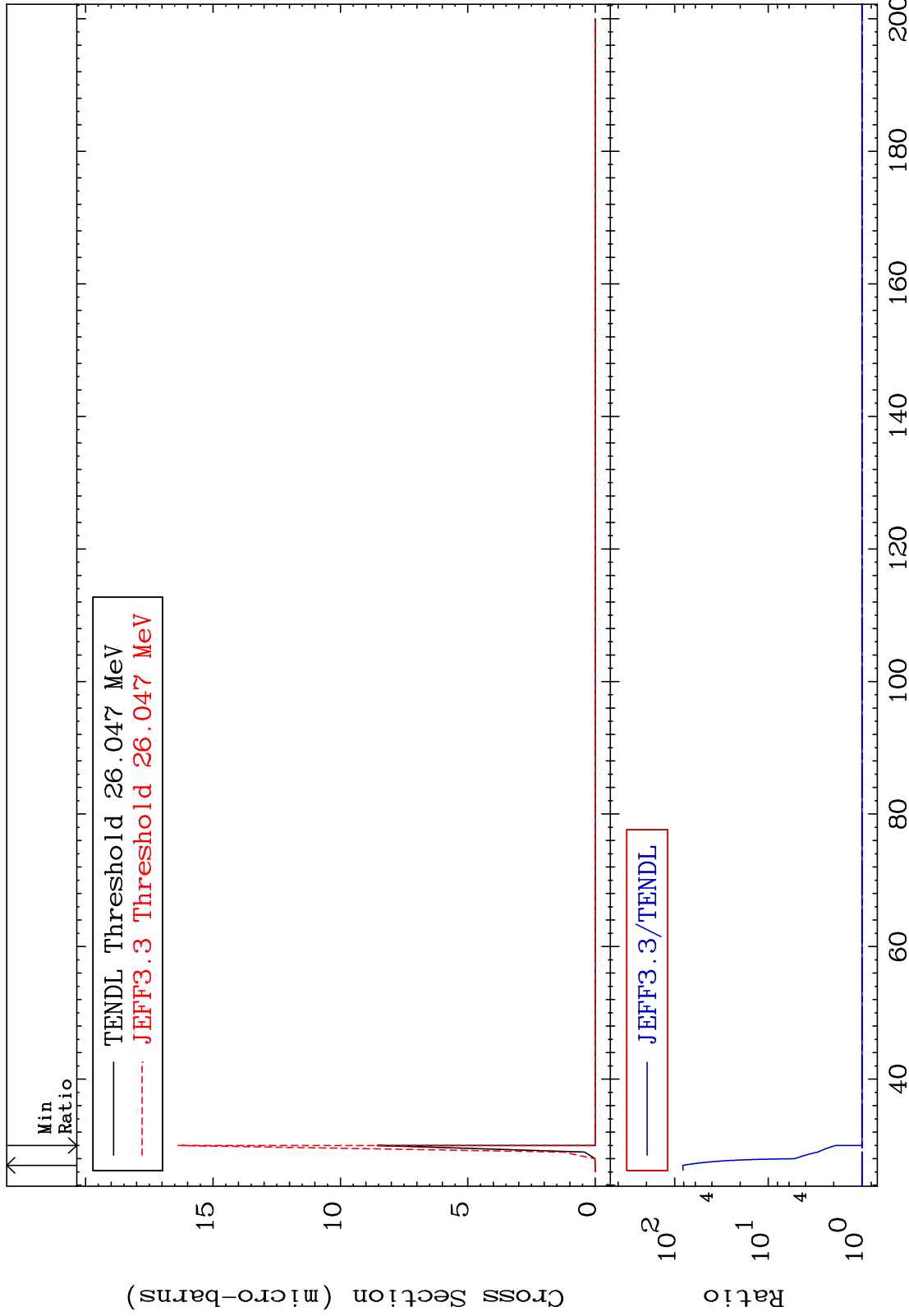
30-Zn-70



MAT 3043

(n,3n) p  
Cross Section

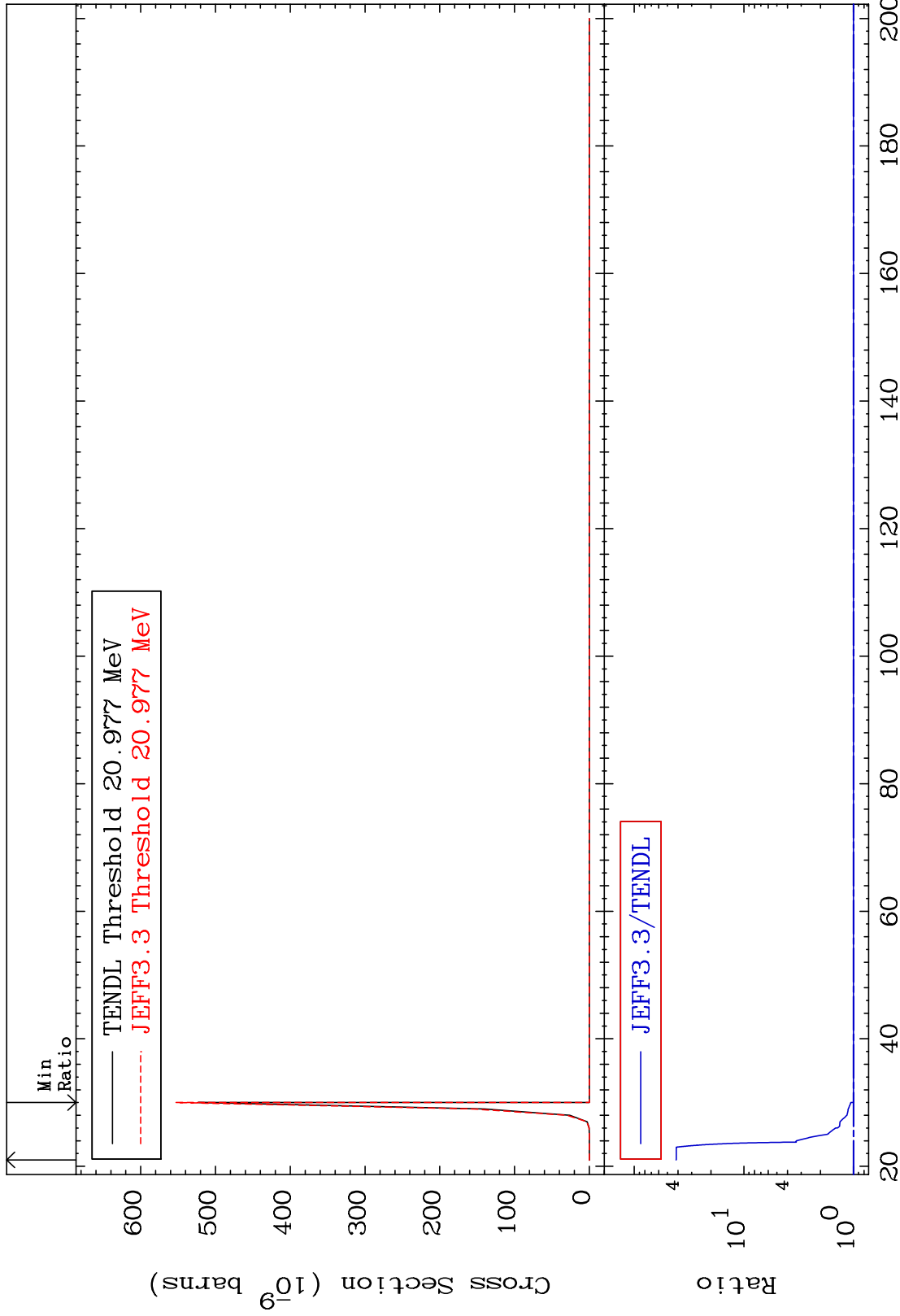
30-Zn-70  
0.000 To 8061. %



MAT 3043

(n,2n) p  
Cross Section

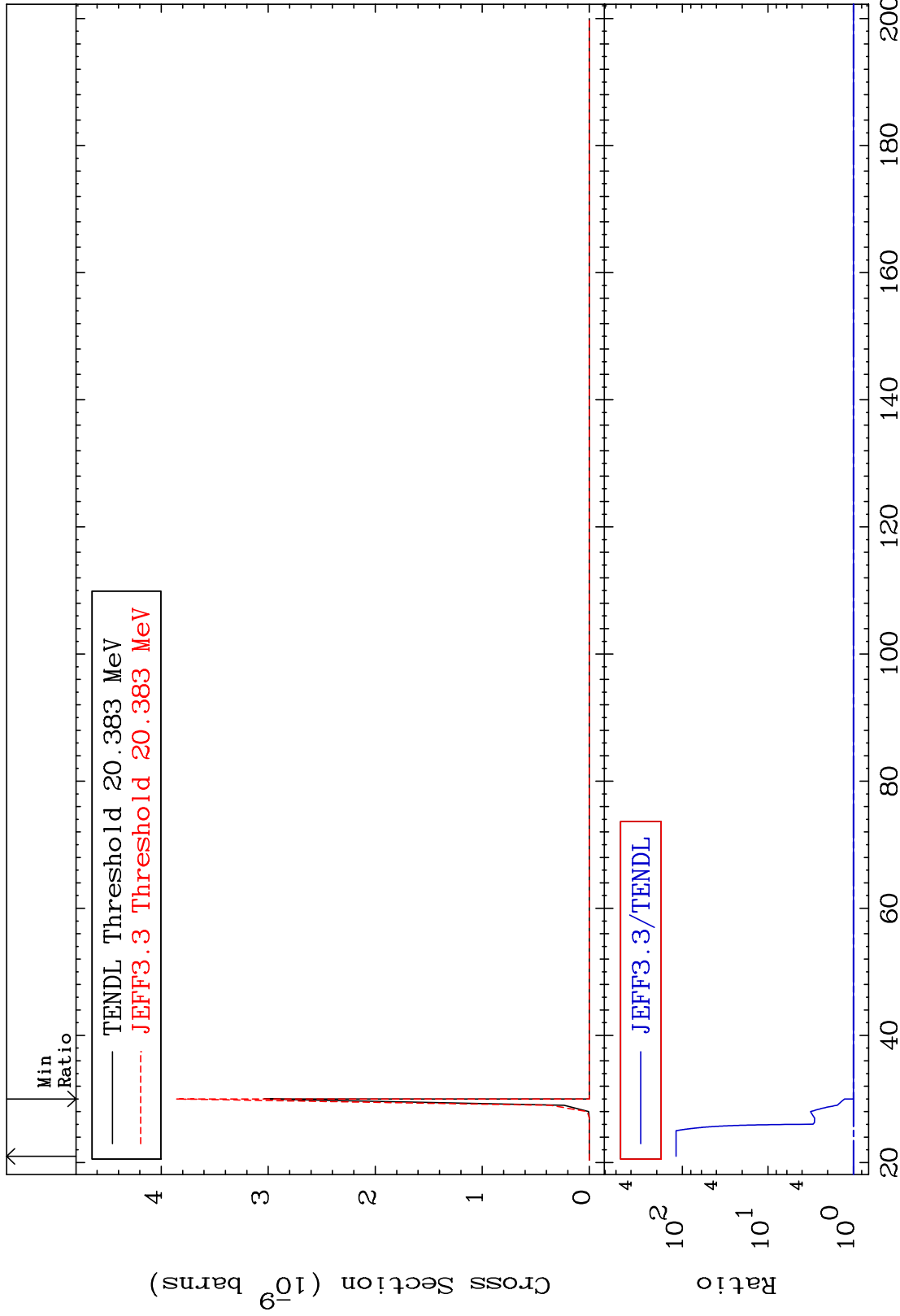
30-Zn-70  
0.000 To 4052. %



MAT 3043

(n,n') p  $\alpha$   
Cross Section

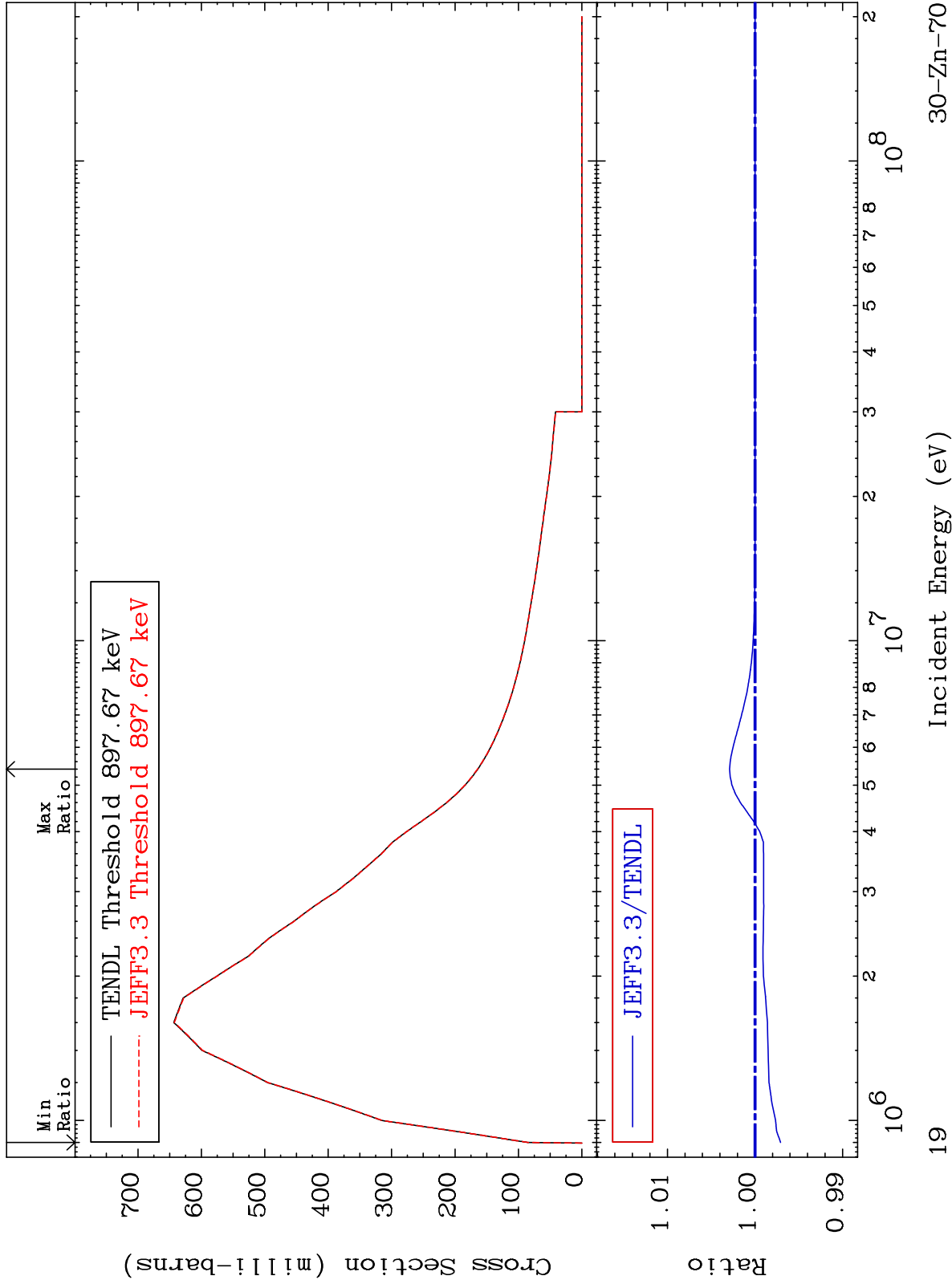
30-Zn-70  
0.000 To 9999. %



MAT 3043

MT= 51 (n,n') Level  
Cross Section

30-Zn-70  
-0.292 To 0.290 %



30-Zn-70

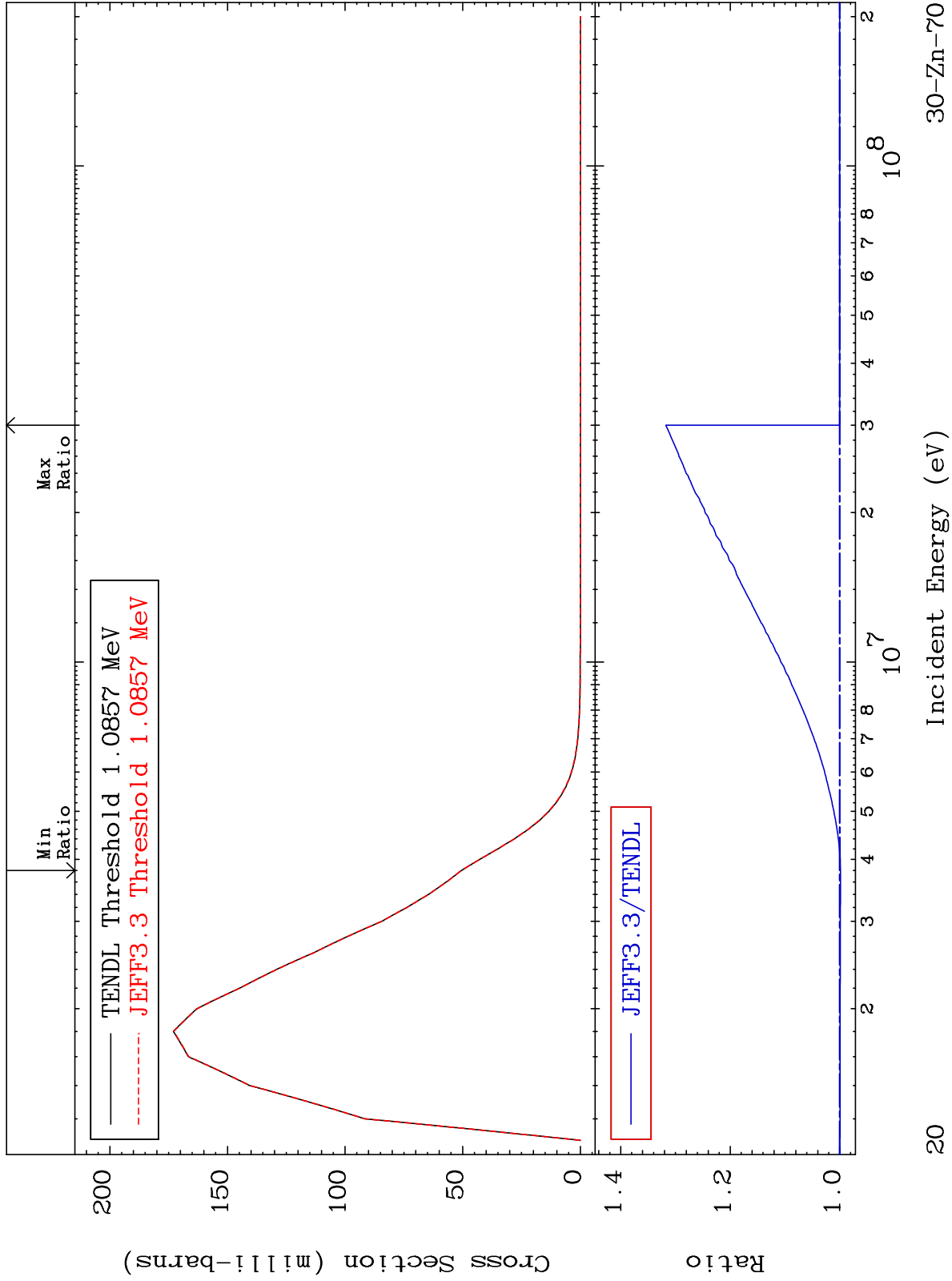
Incident Energy (eV)

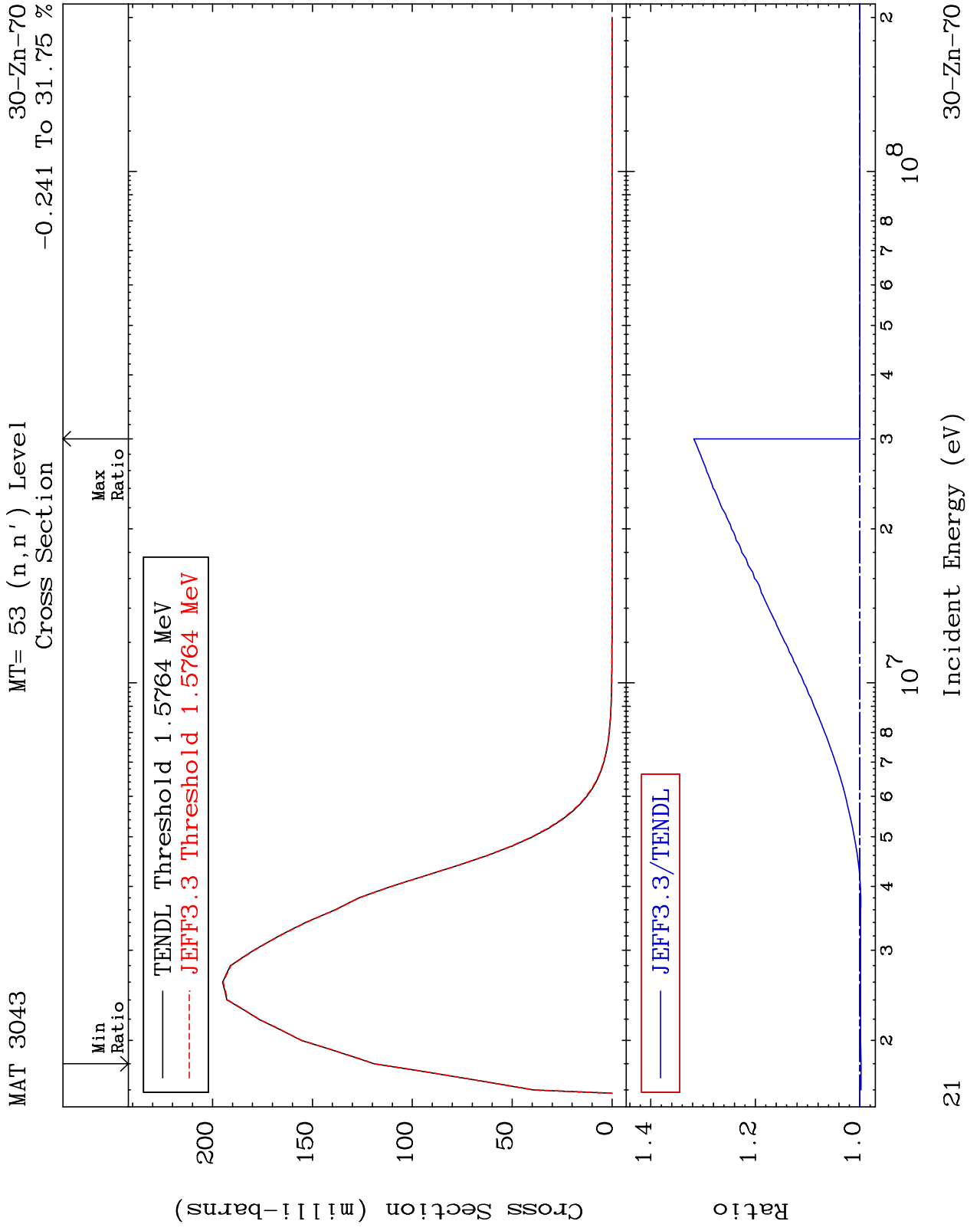
19

MAT 3043

MT= 52 (n,n') Level  
Cross Section

30-Zn-70  
-0.158 To 31.75 %

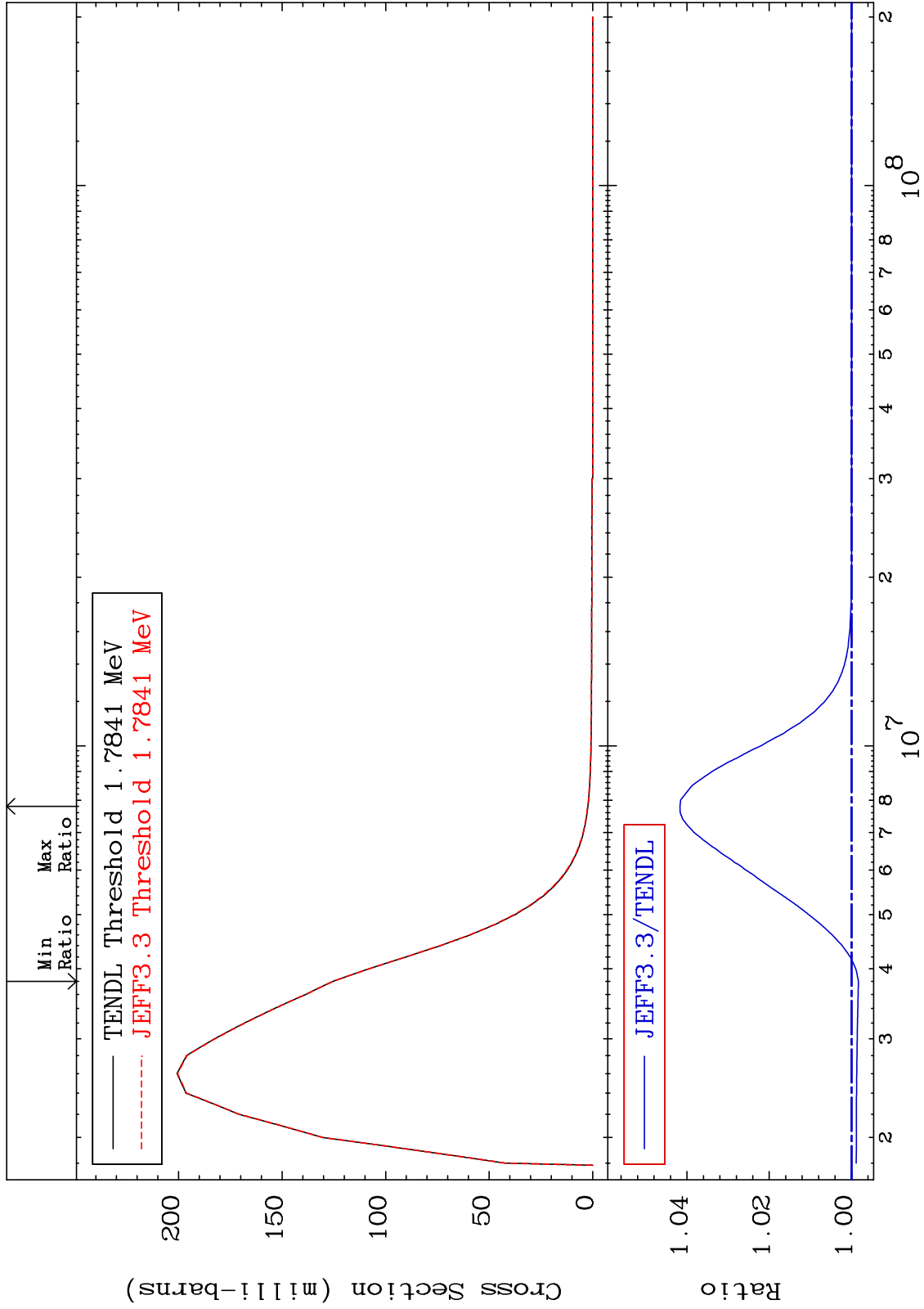




MAT 3043

MT= 54 (n,n') Level  
Cross Section

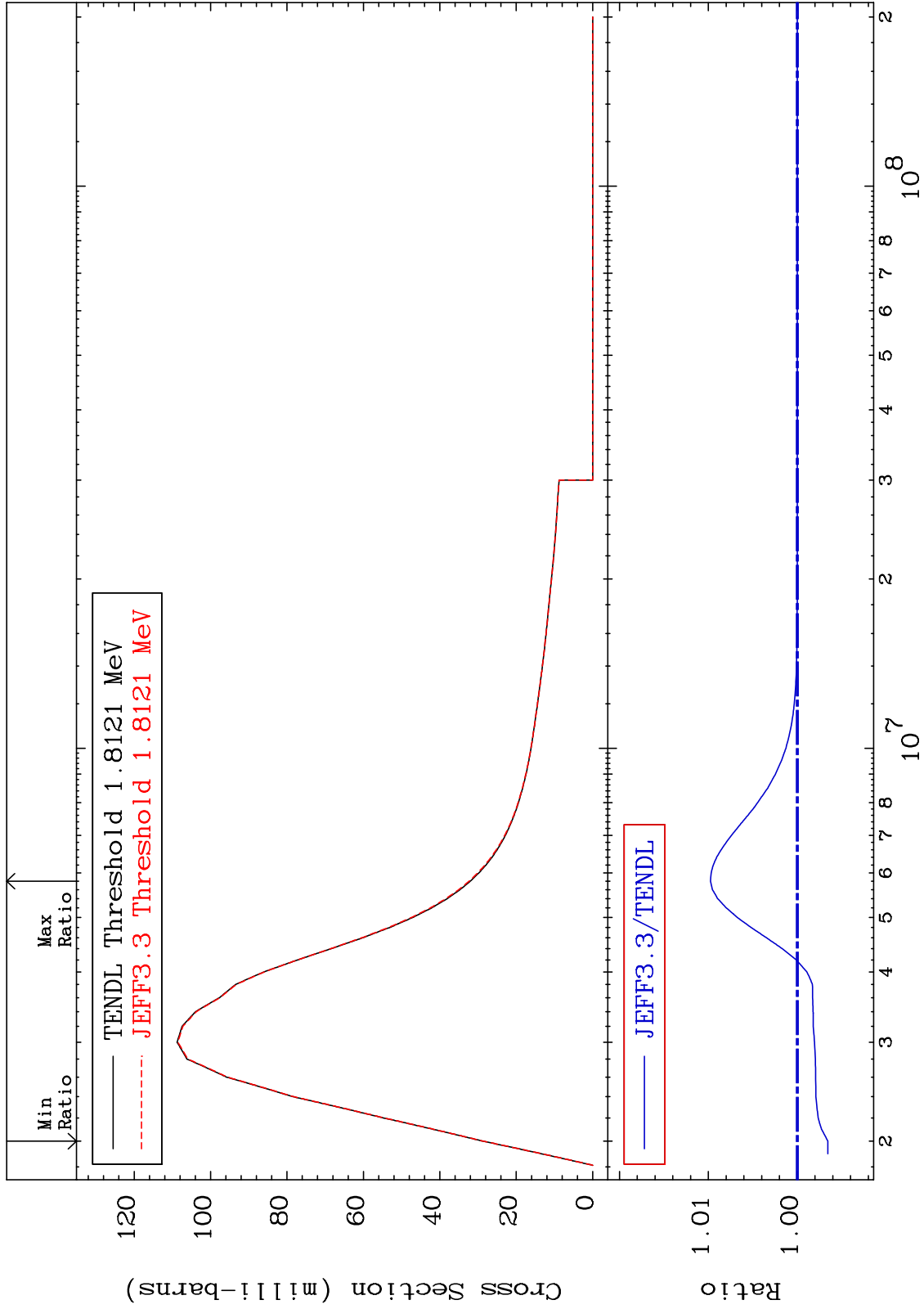
30-Zn-70  
-0.166 To 4.168 %



MAT 3043

MT= 55 (n,n') Level  
Cross Section

30-Zn-70  
-0.344 To 0.975 %

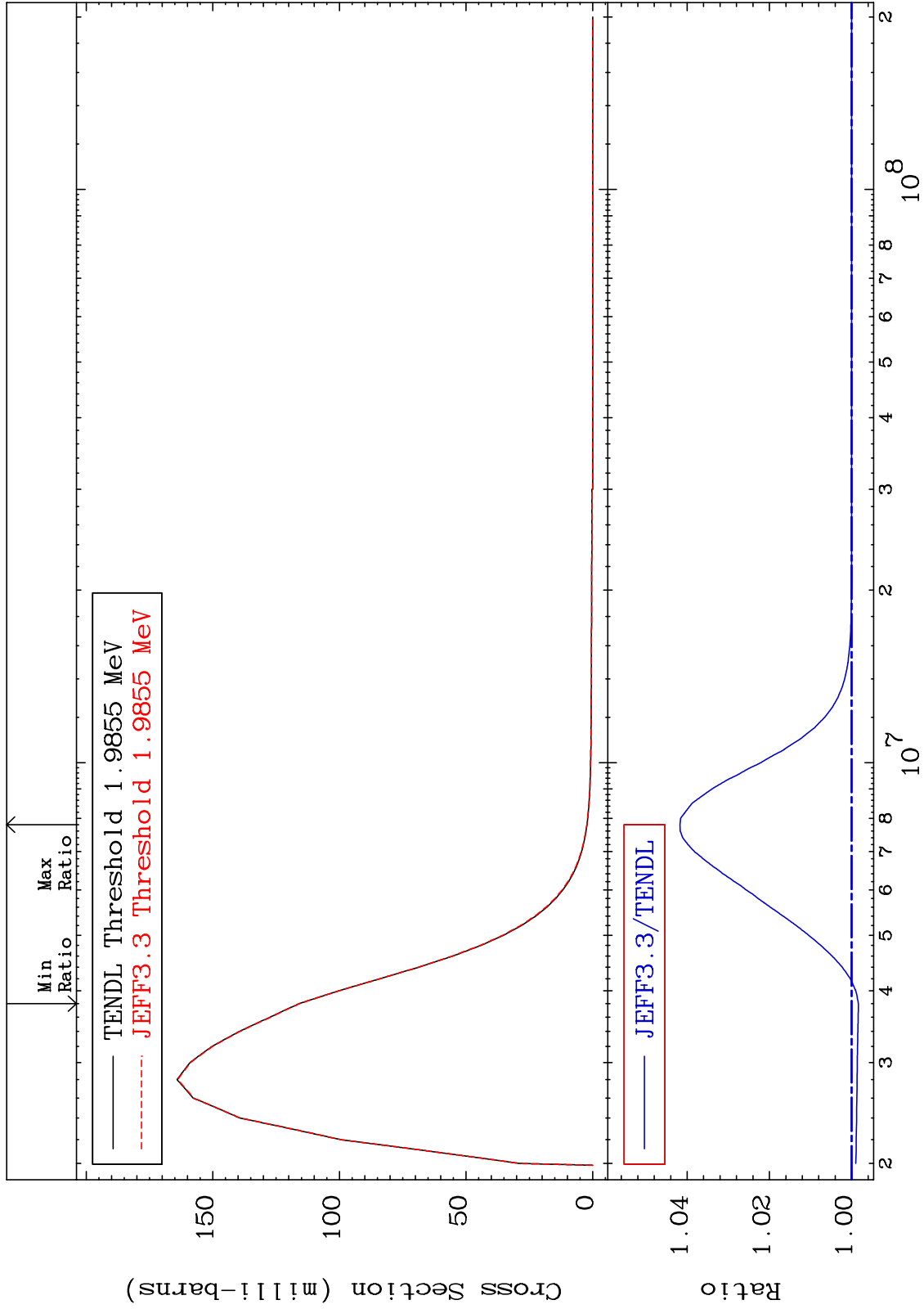




MAT 3043

MT= 56 (n,n') Level  
Cross Section

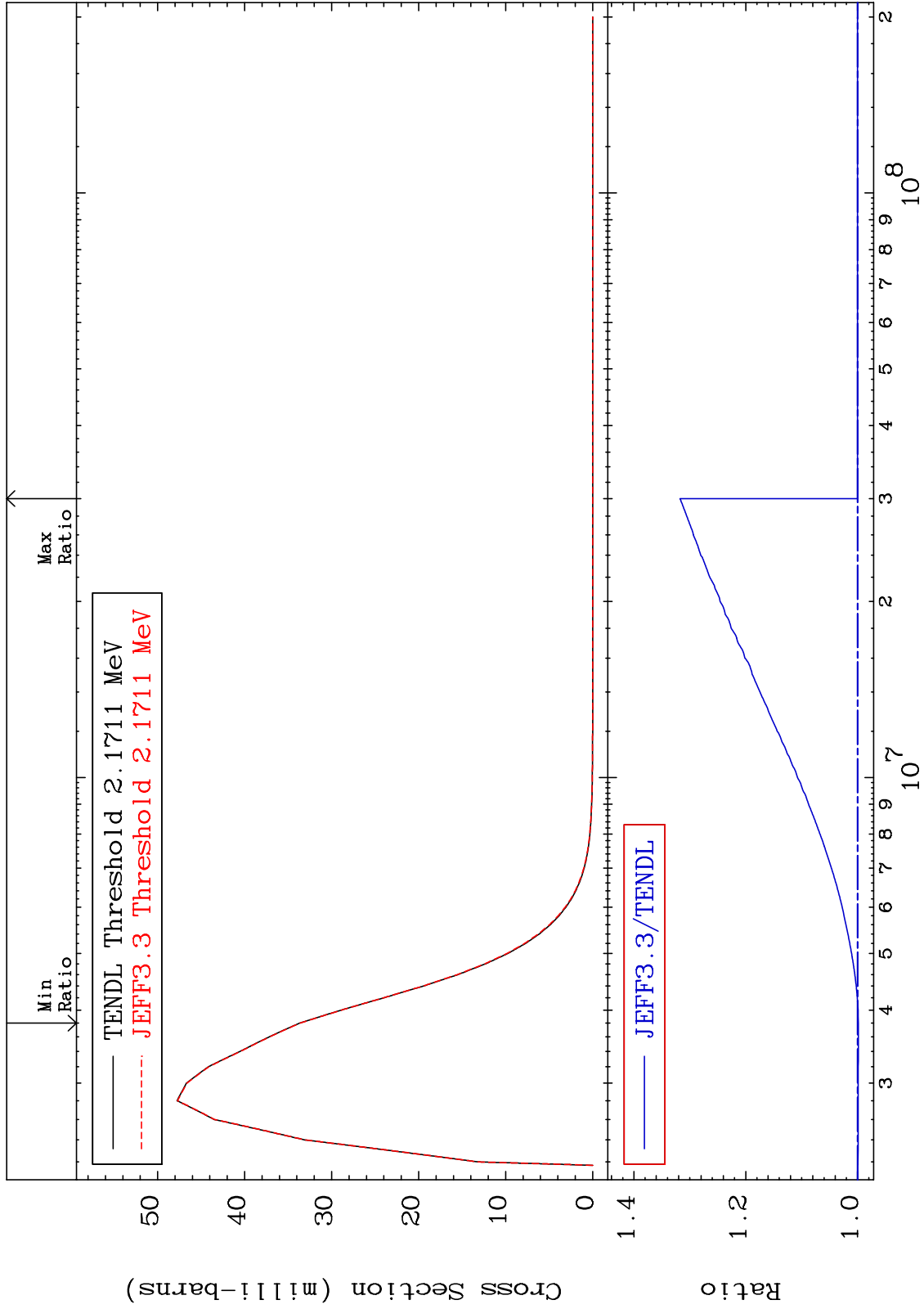
30-Zn-70  
-0.165 To 4.174 %



MAT 3043

MT= 57 (n, n') Level  
Cross Section

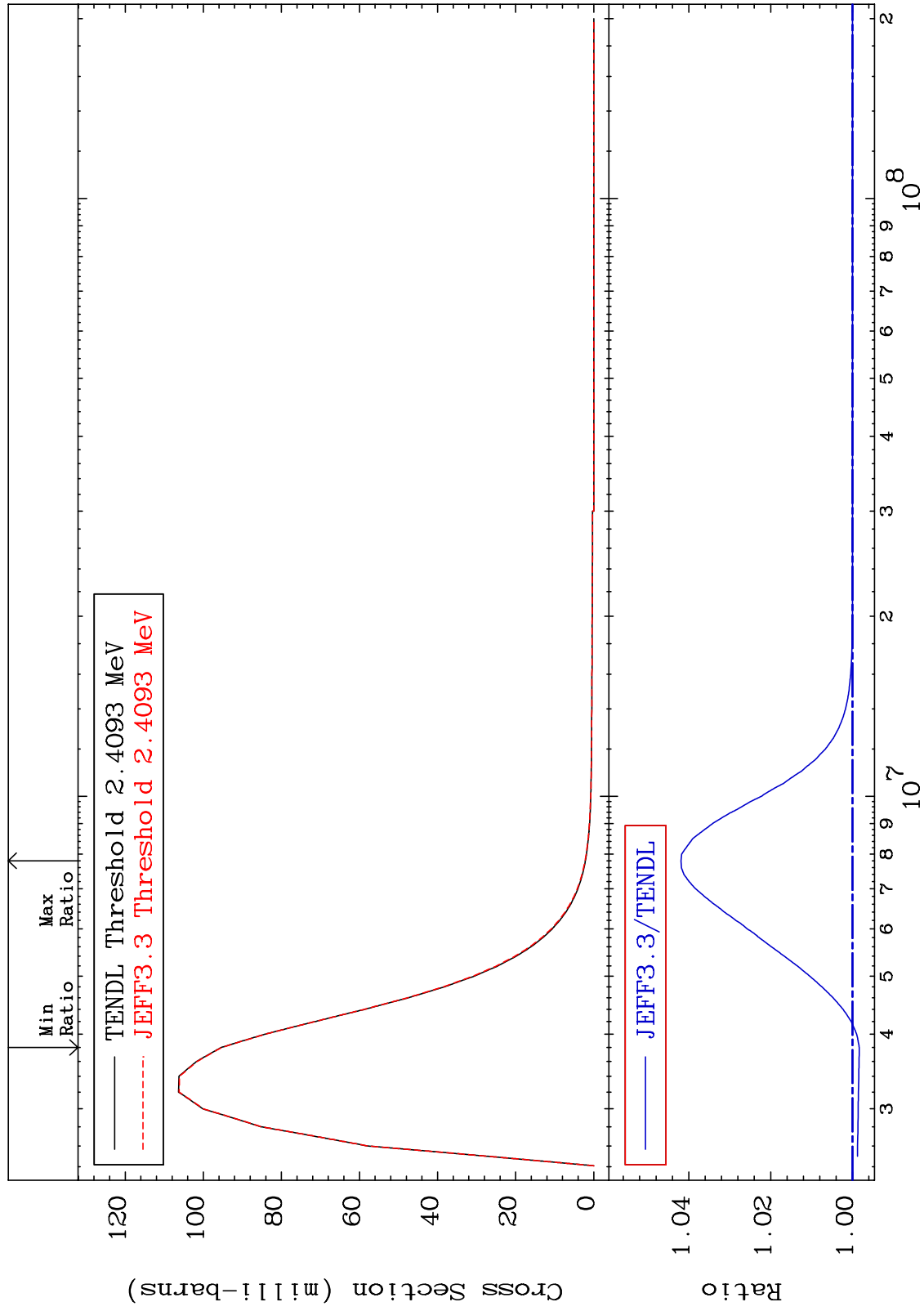
30-Zn-70  
-0.152 To 31.75 %



MAT 3043

MT= 58 (n, n') Level  
Cross Section

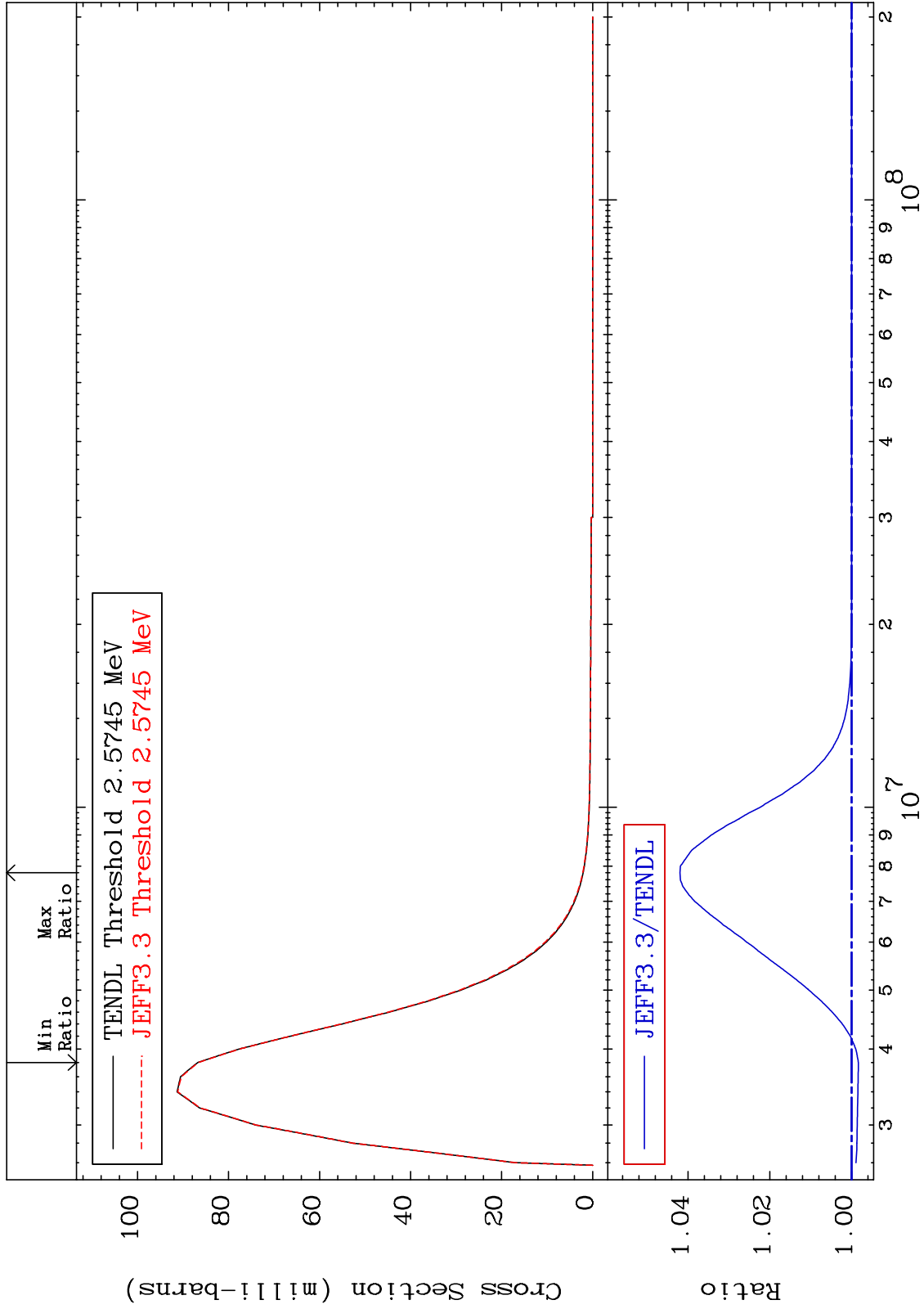
30-Zn-70  
-0.165 To 4.189 %



MAT 3043

MT= 59 (n, n') Level  
Cross Section

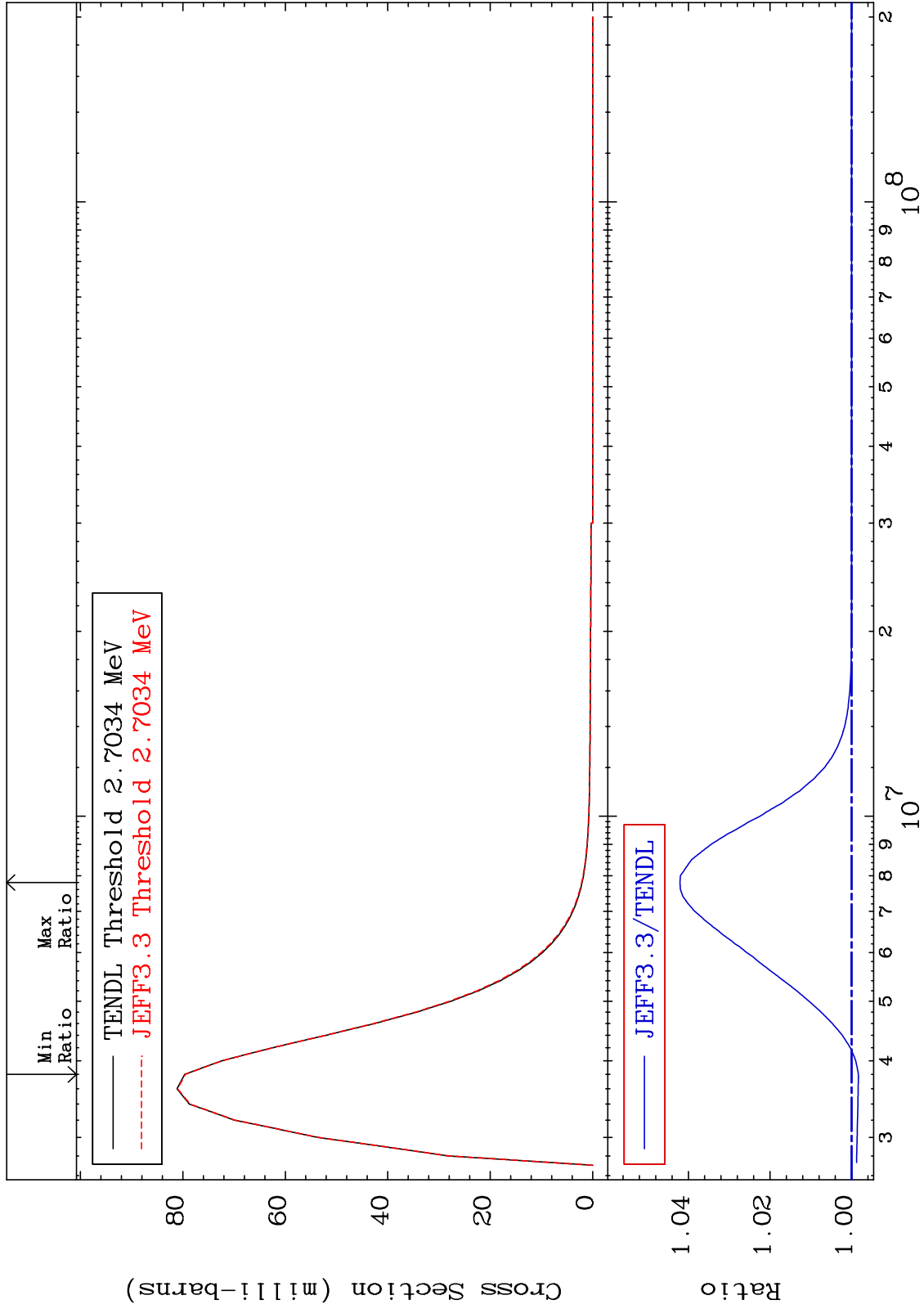
30-Zn-70  
-0.165 To 4.197 %



MAT 3043

MT= 60 (n,n') Level  
Cross Section

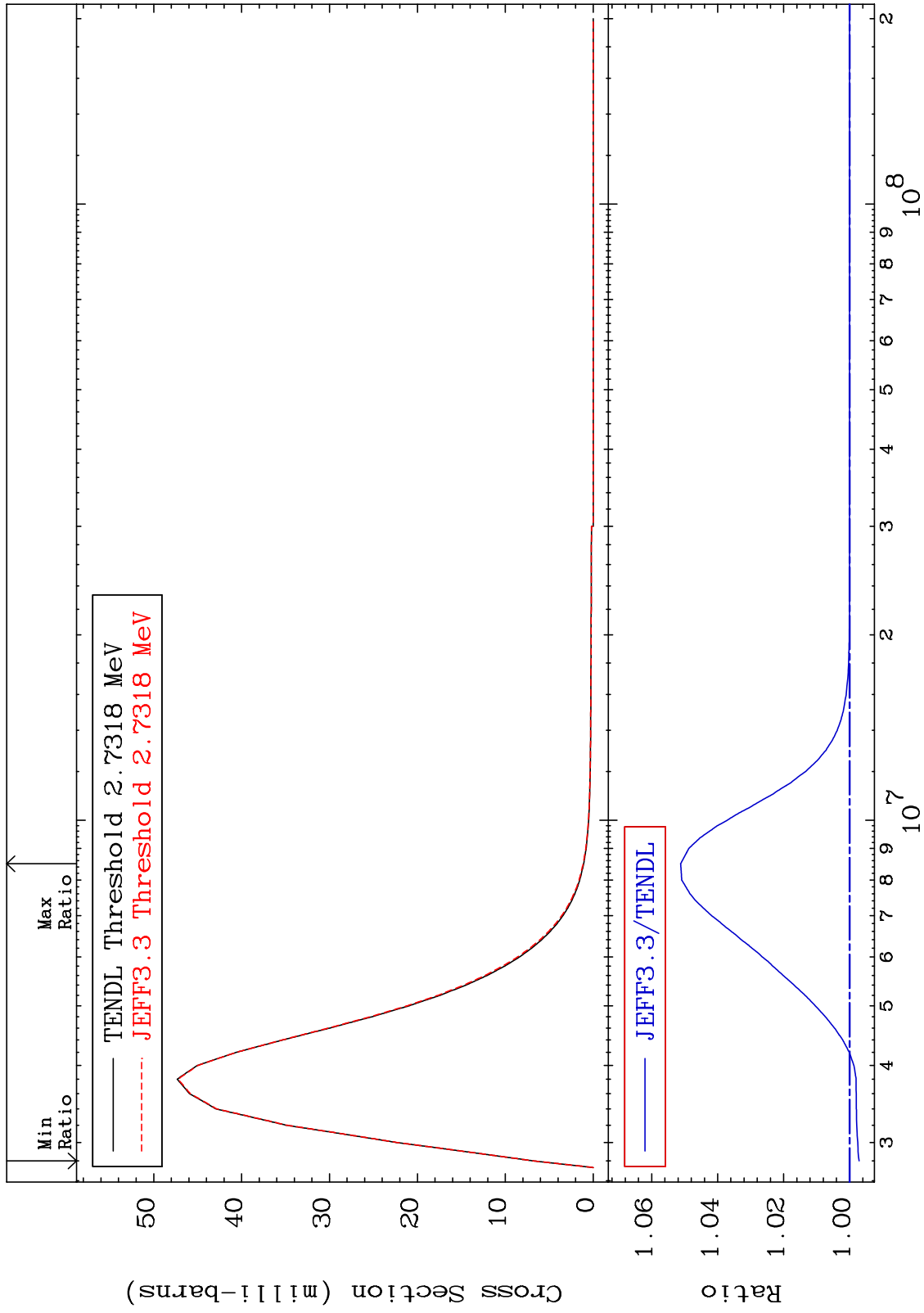
30-Zn-70  
-0.165 To 4.204 %



MAT 3043

MT= 61 (n,n') Level  
Cross Section

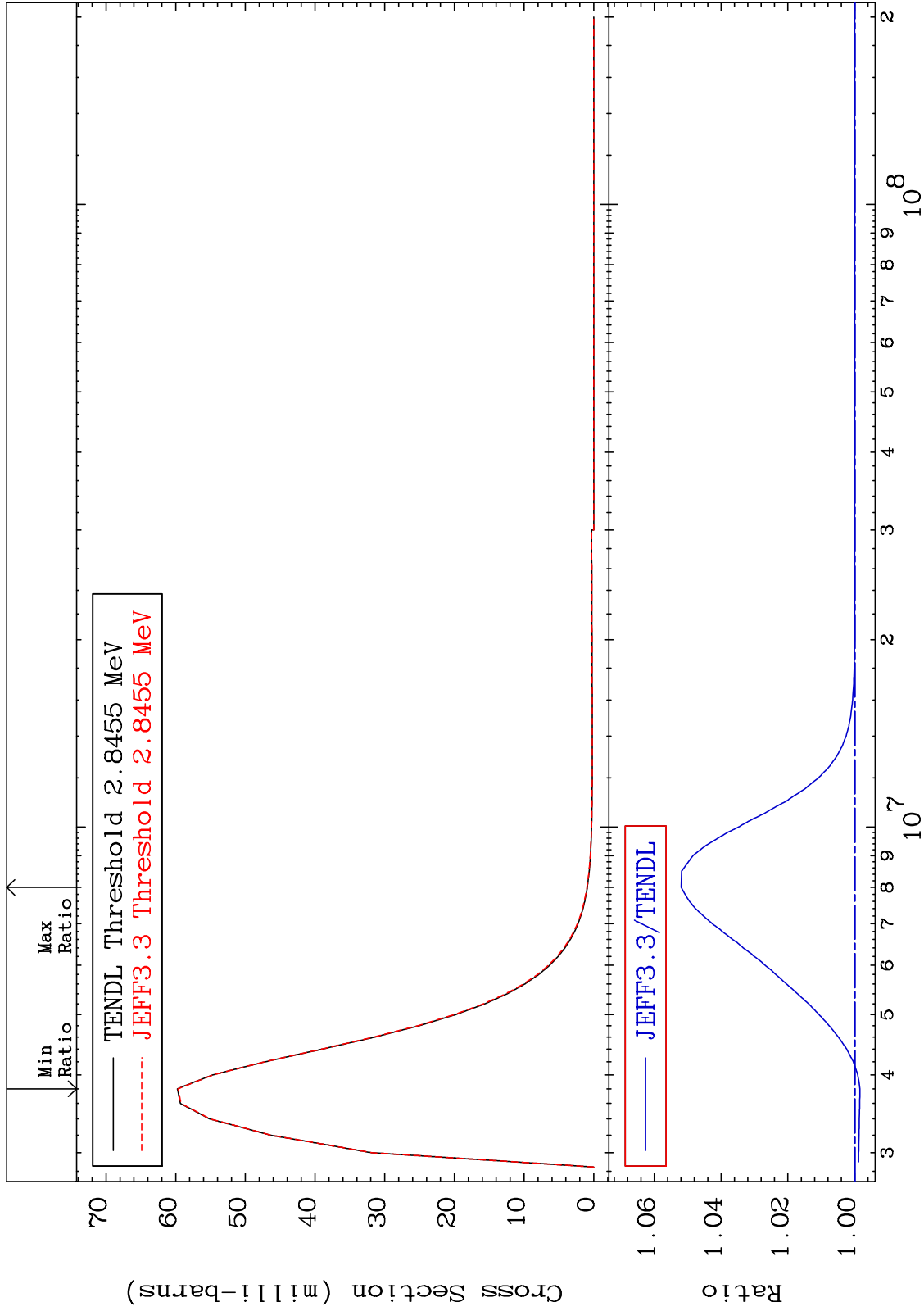
30-Zn-70  
-0.289 To 5.123 %



MAT 3043

MT= 62 (n,n') Level  
Cross Section

30-Zn-70  
-0.158 To 5.193 %



30

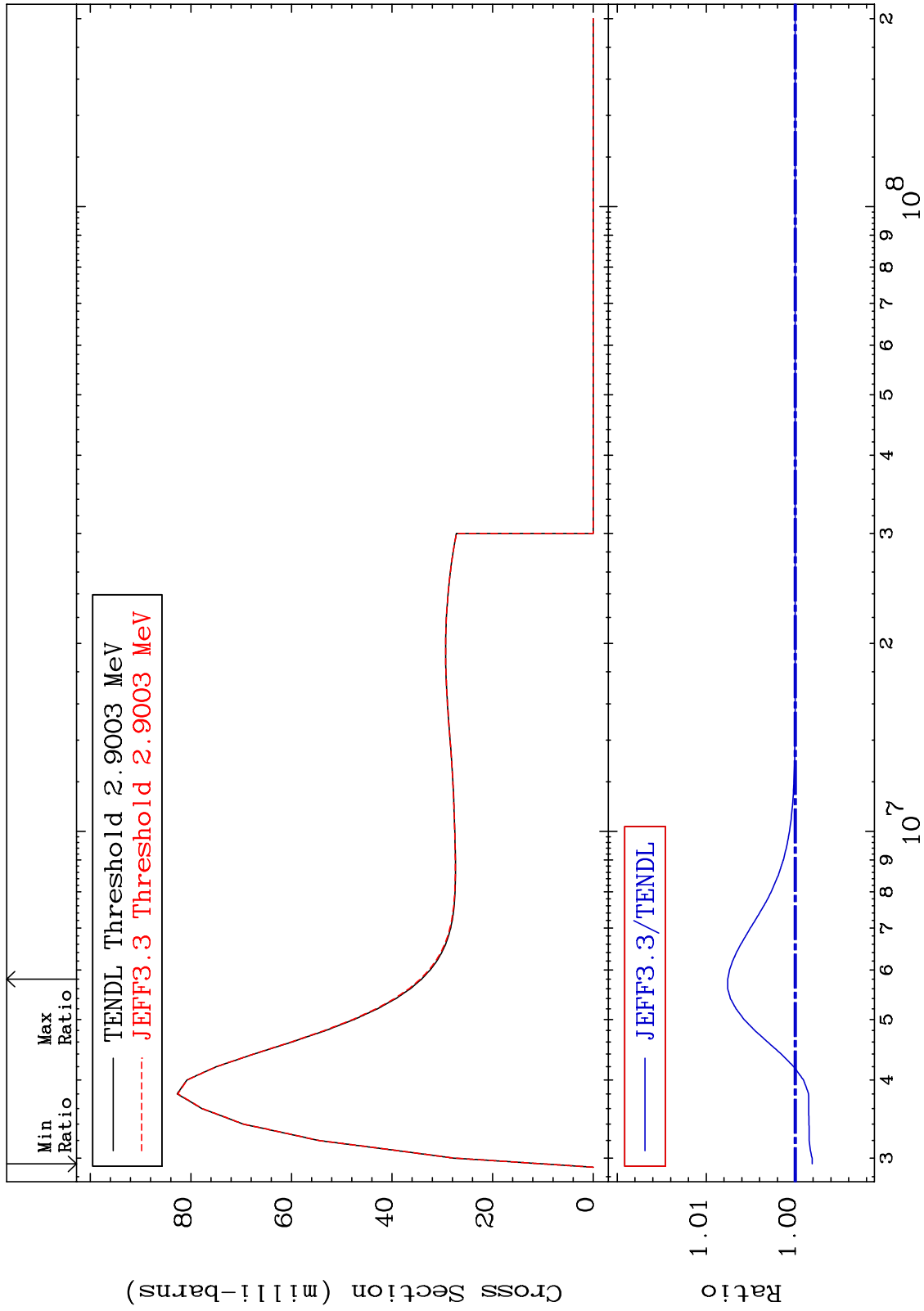
Incident Energy (eV)

30-Zn-70

MAT 3043

MT= 63 (n,n') Level  
Cross Section

30-Zn-70  
-0.189 To 0.759 %

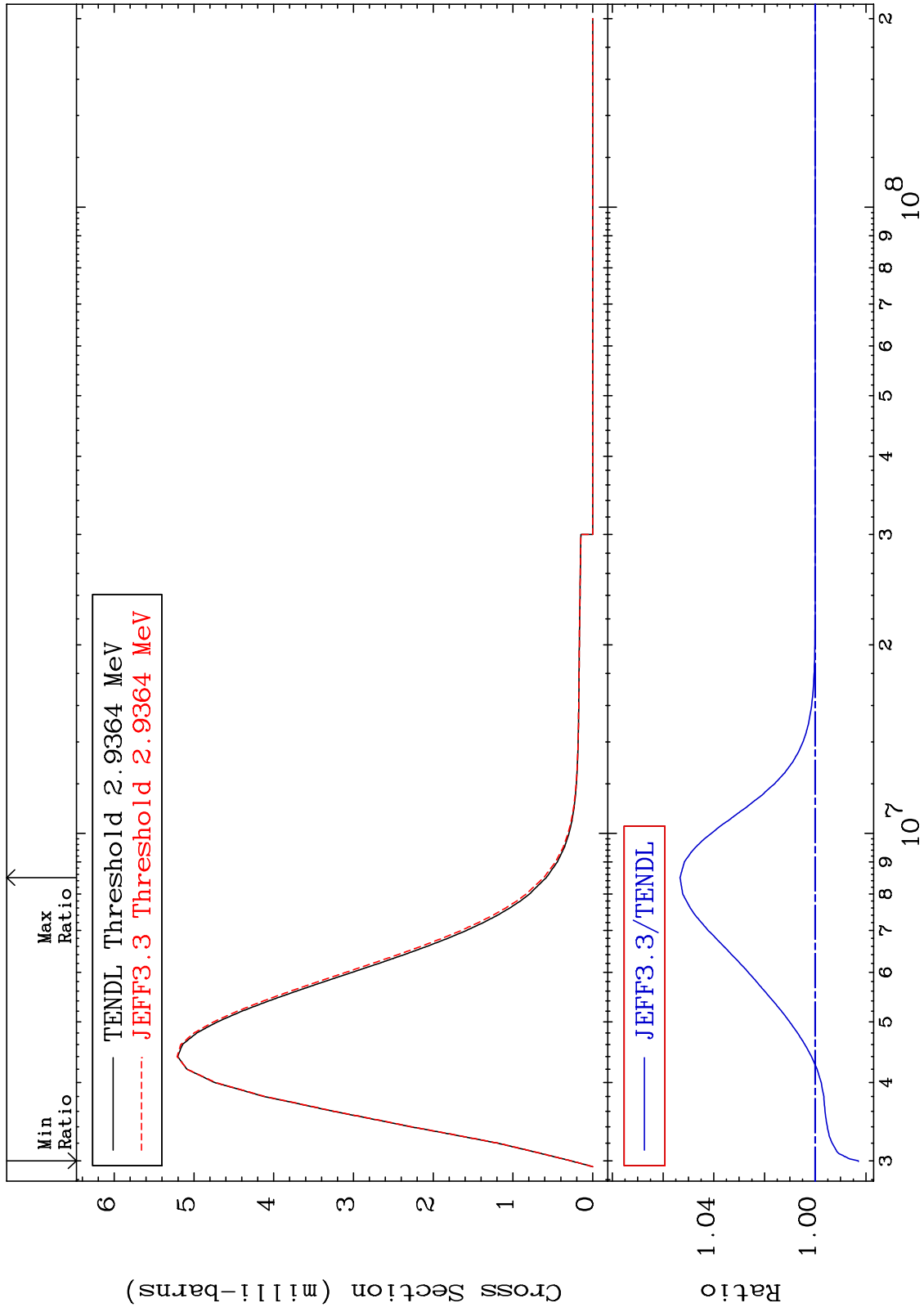




MAT 3043

MT= 64 (n,n') Level  
Cross Section

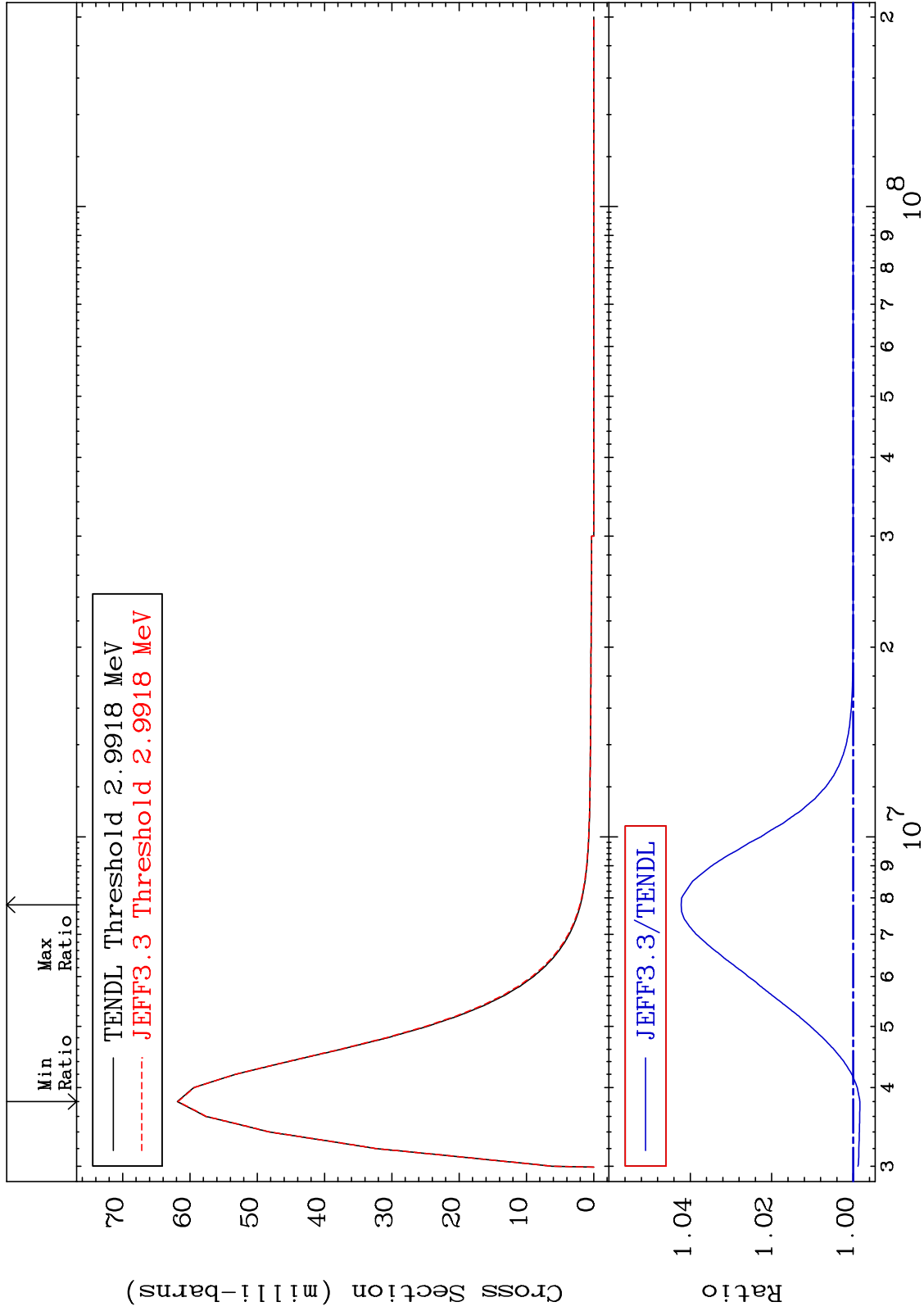
30-Zn-70  
-1.704 To 5.332 %



MAT 3043

MT= 65 (n,n') Level  
Cross Section

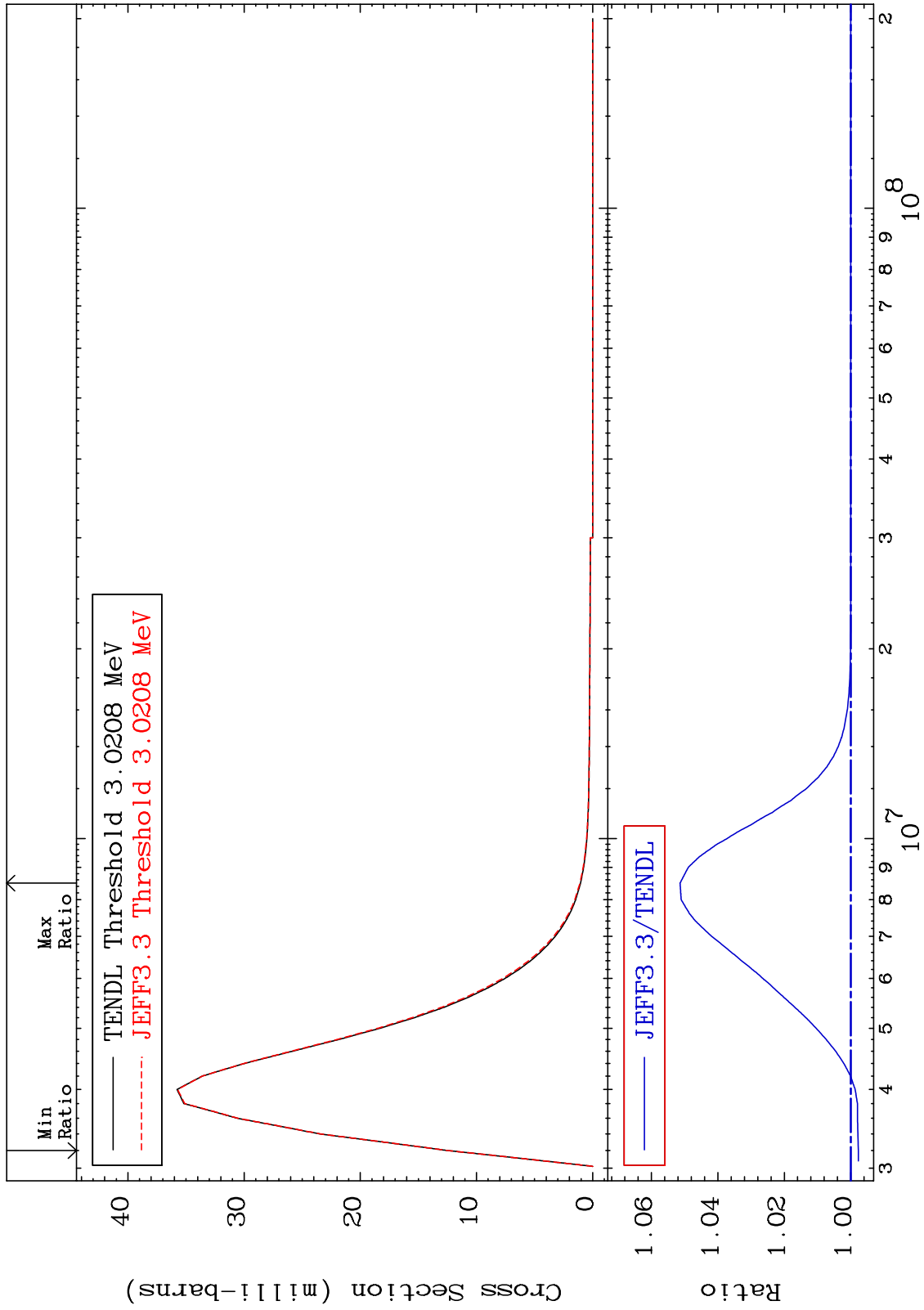
30-Zn-70  
-0.165 To 4.221 %



MAT 3043

MT= 66 (n,n') Level  
Cross Section

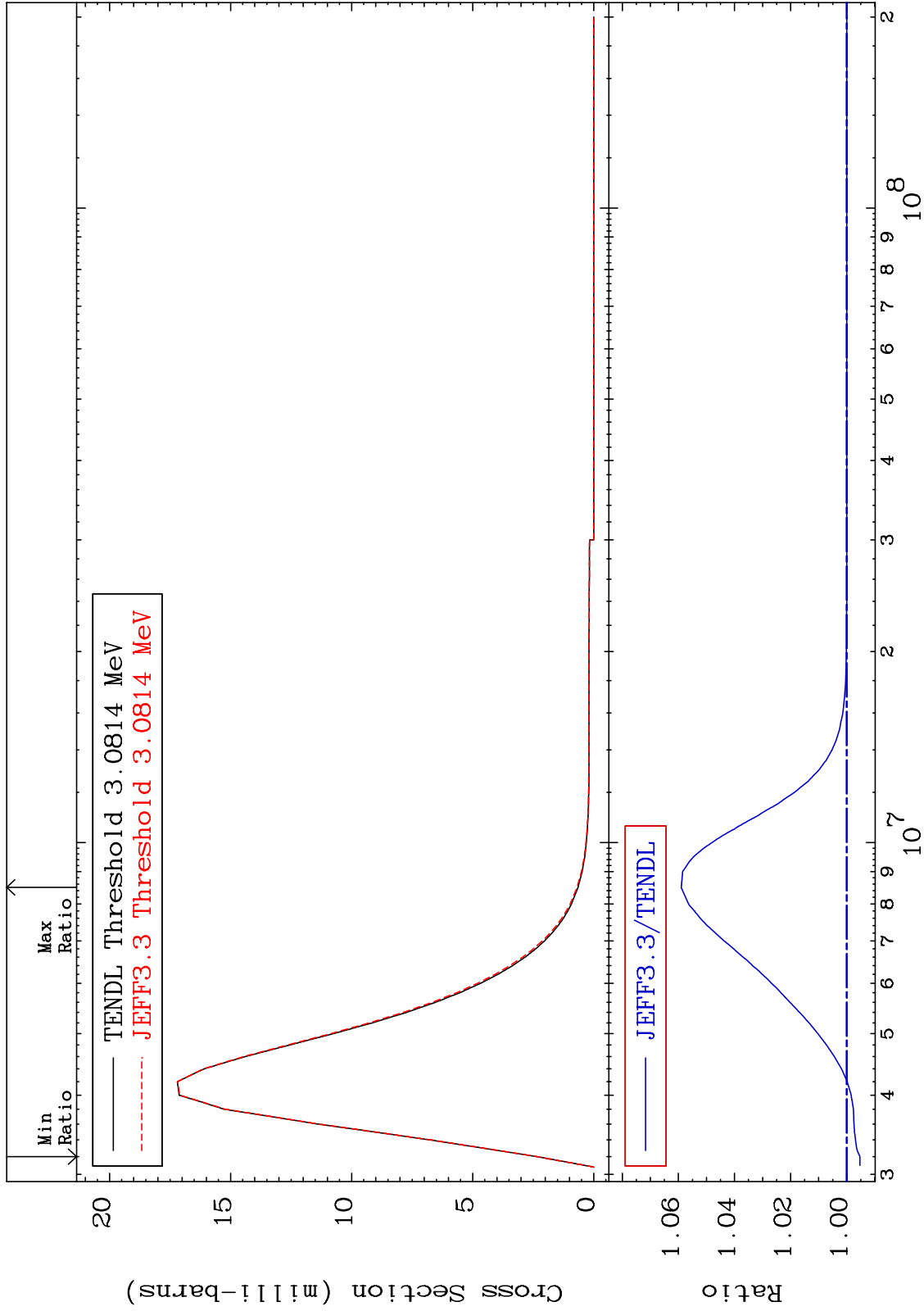
30-Zn-70  
-0.230 To 5.140 %



MAT 3043

MT= 67 (n,n') Level  
Cross Section

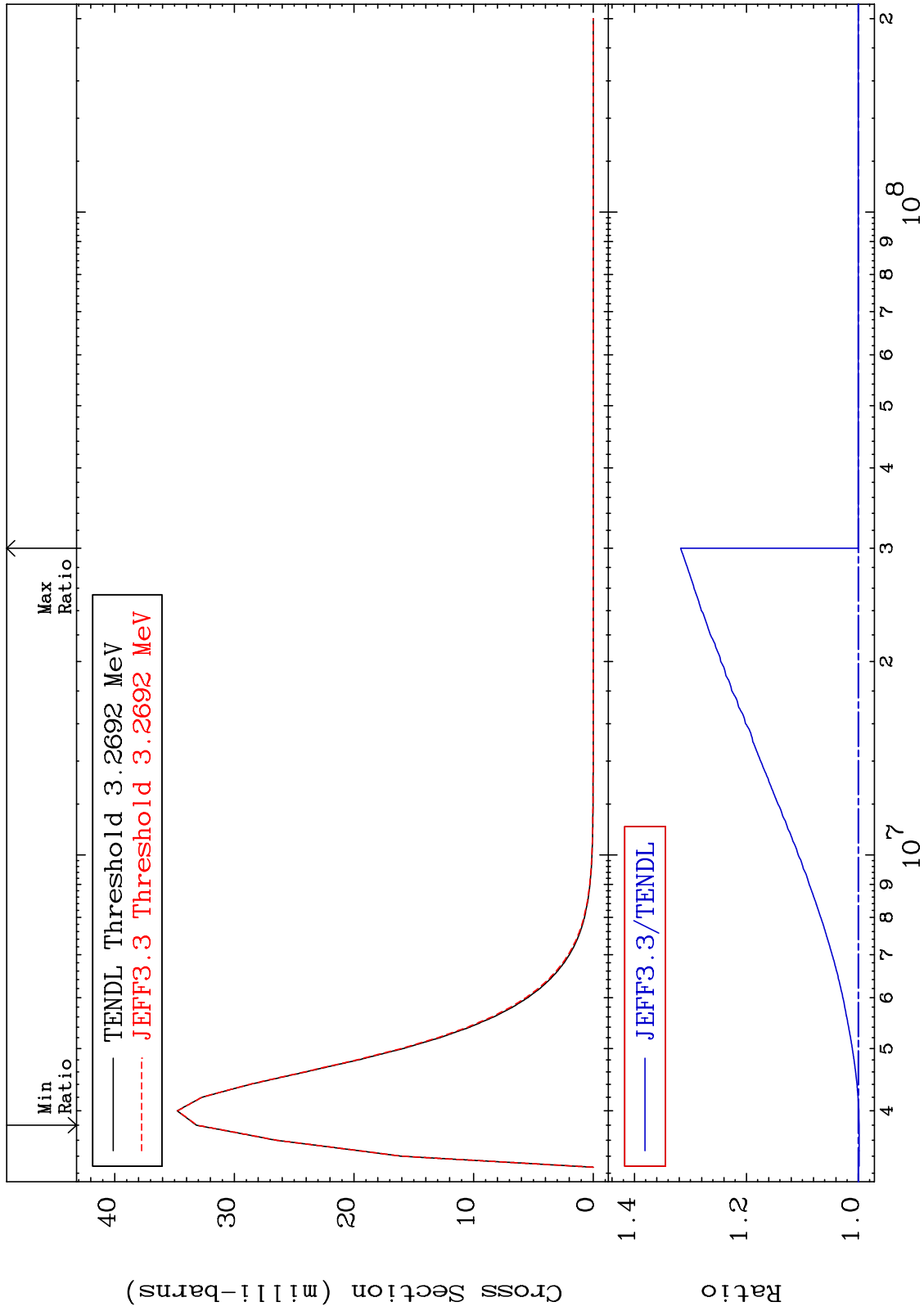
30-Zn-70  
-0.472 To 5.900 %



MAT 3043

MT= 68 (n,n') Level  
Cross Section

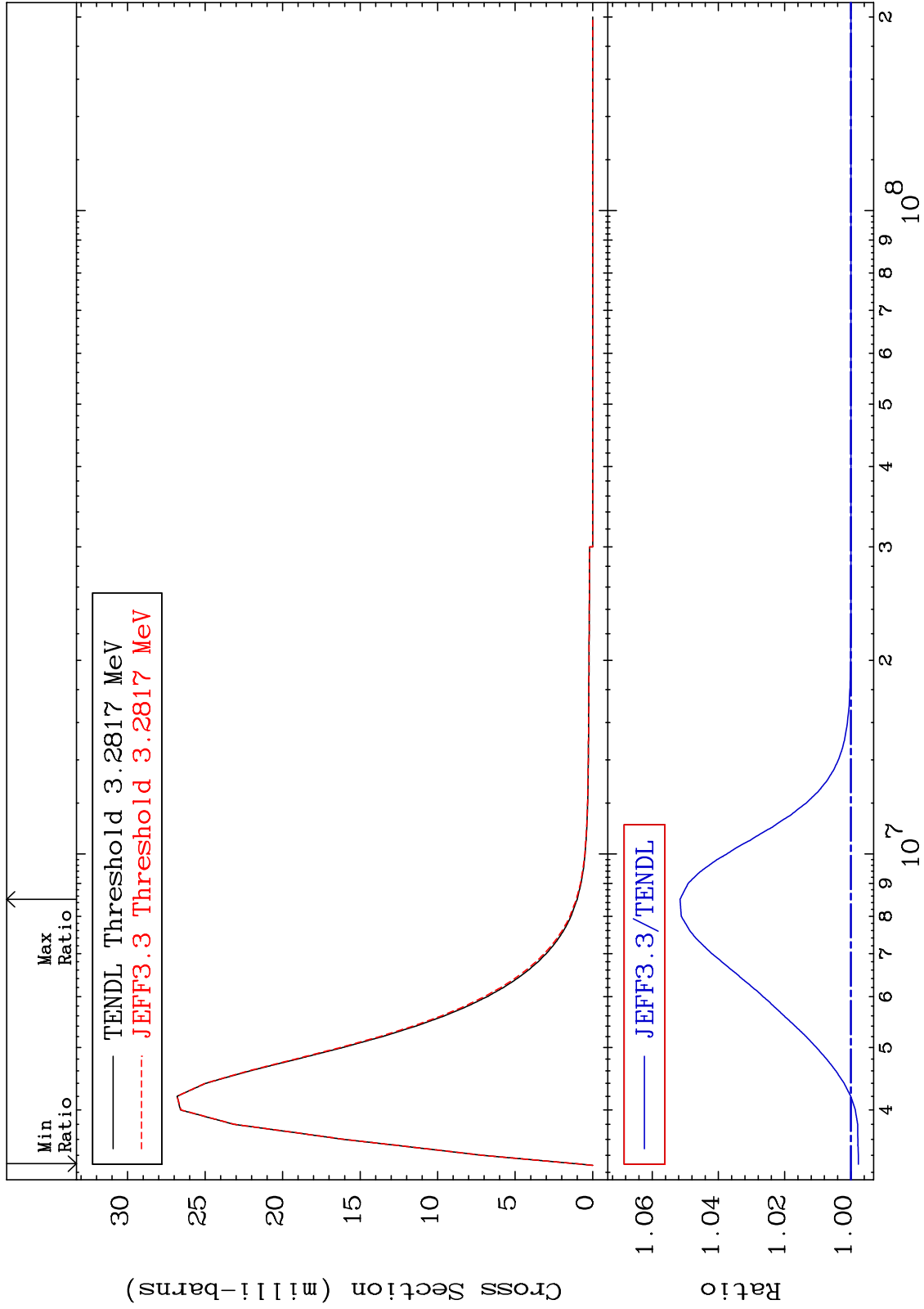
30-Zn-70  
-0.153 To 31.75 %



MAT 3043

MT= 69 (n,n') Level  
Cross Section

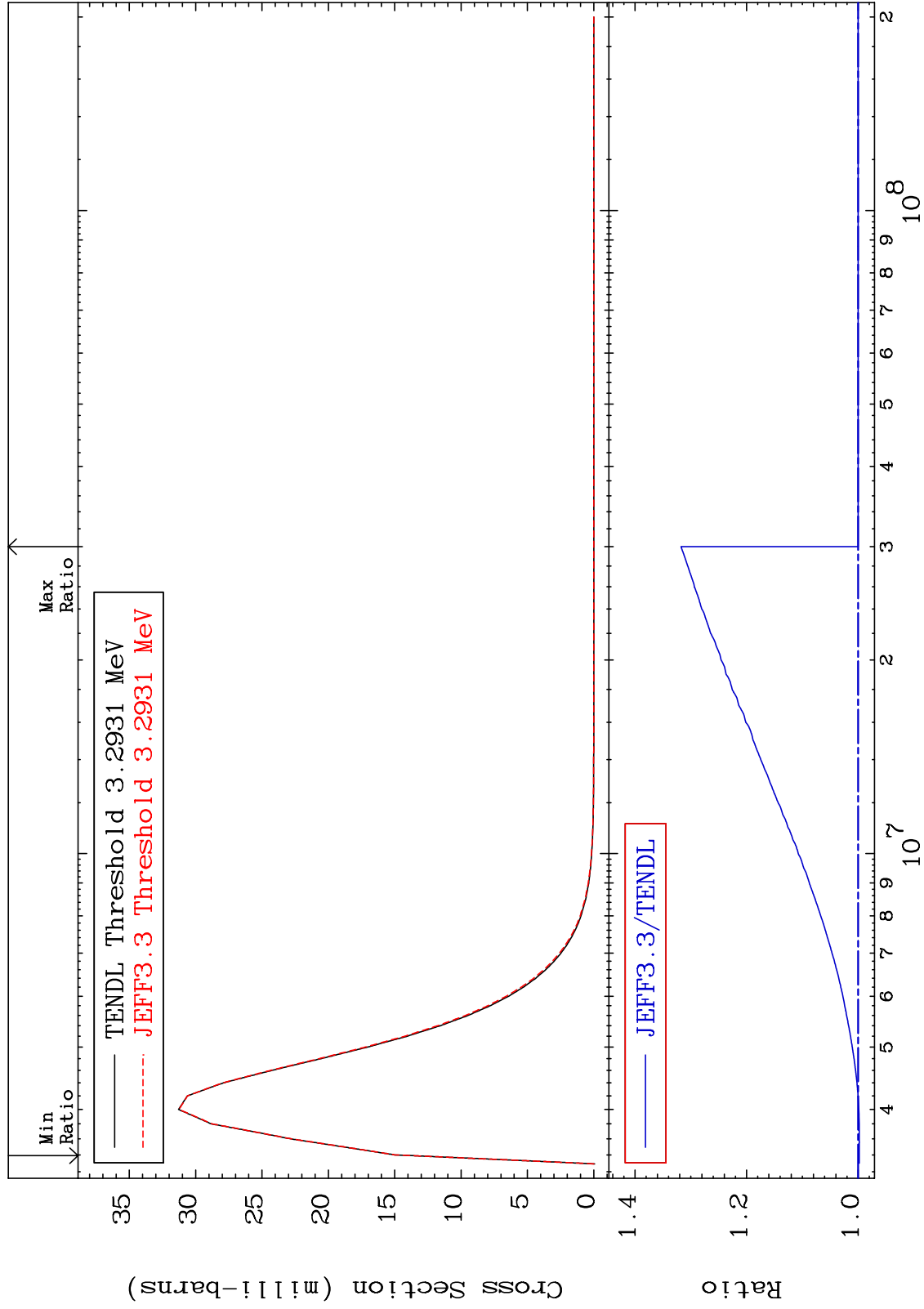
30-Zn-70  
-0.226 To 5.160 %



MAT 3043

MT= 70 (n,n') Level  
Cross Section

30-Zn-70  
-0.204 To 31.75 %



38

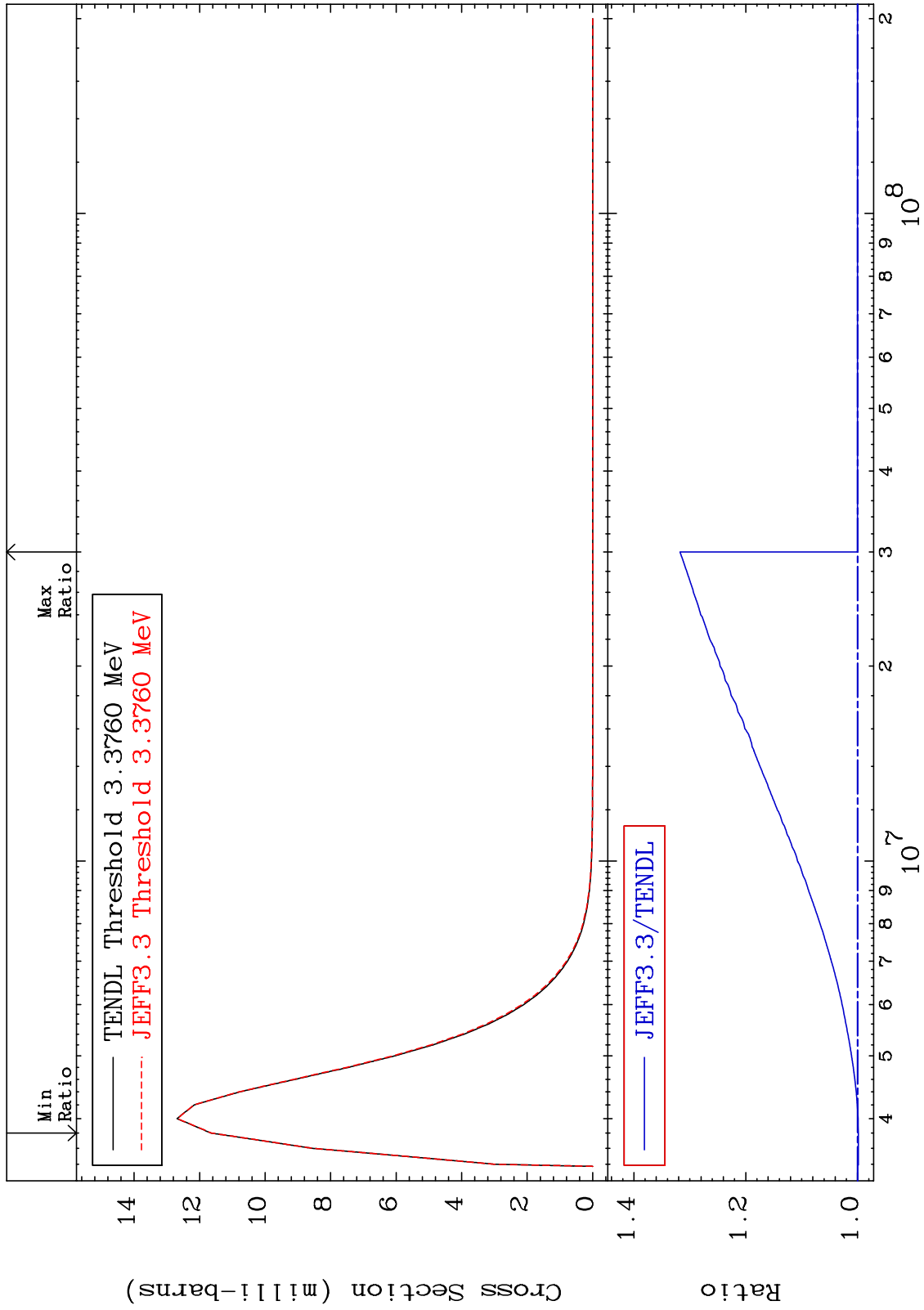
Incident Energy (eV)

30-Zn-70

MAT 3043

MT= 71 (n,n') Level  
Cross Section

30-Zn-70  
-0.146 To 31.75 %



39

Incident Energy (eV)

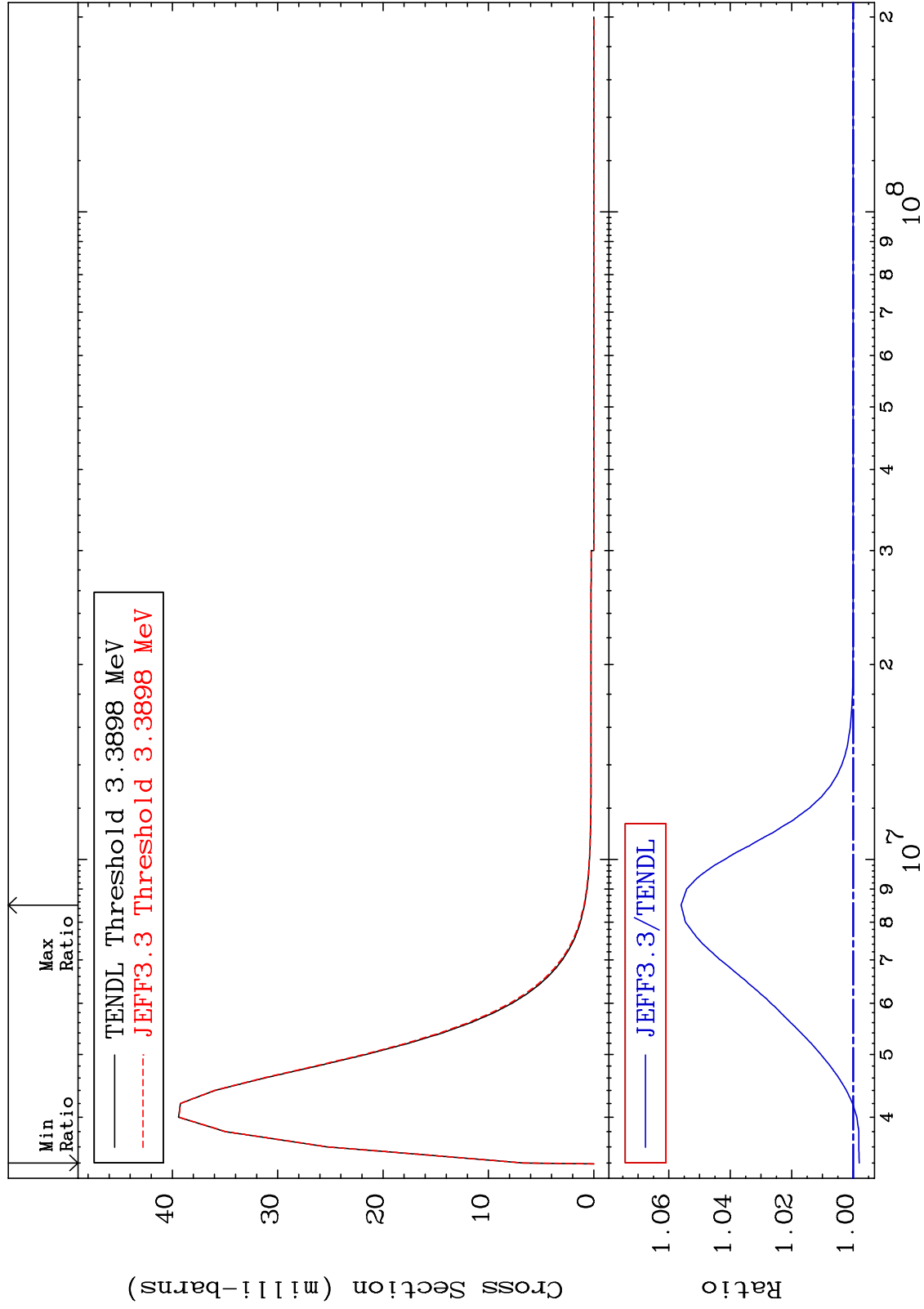
30-Zn-70



MAT 3043

MT= 72 (n,n') Level  
Cross Section

30-Zn-70  
-0.198 To 5.602 %



40

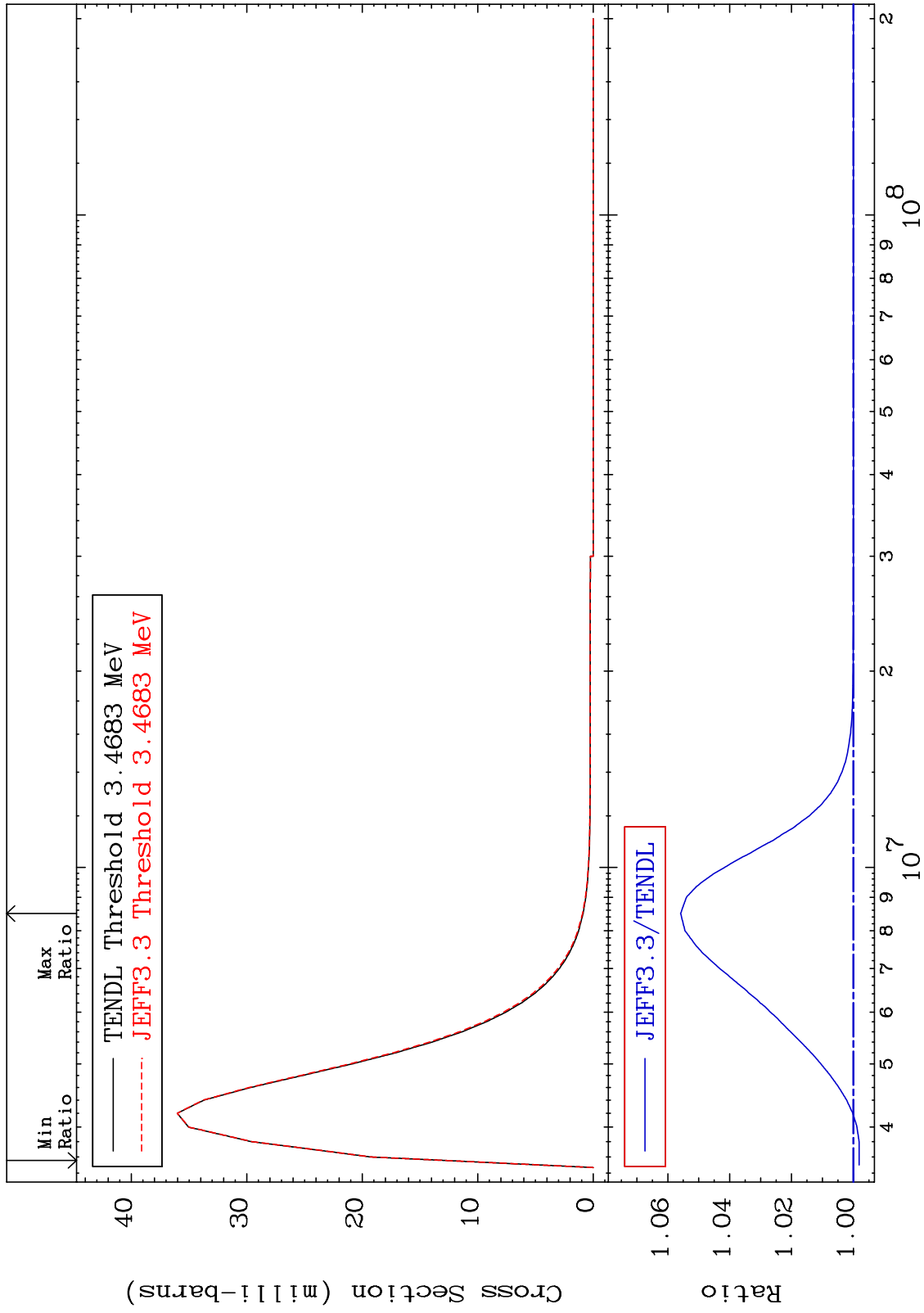
Incident Energy (eV)

30-Zn-70

MAT 3043

MT= 73 (n,n') Level  
Cross Section

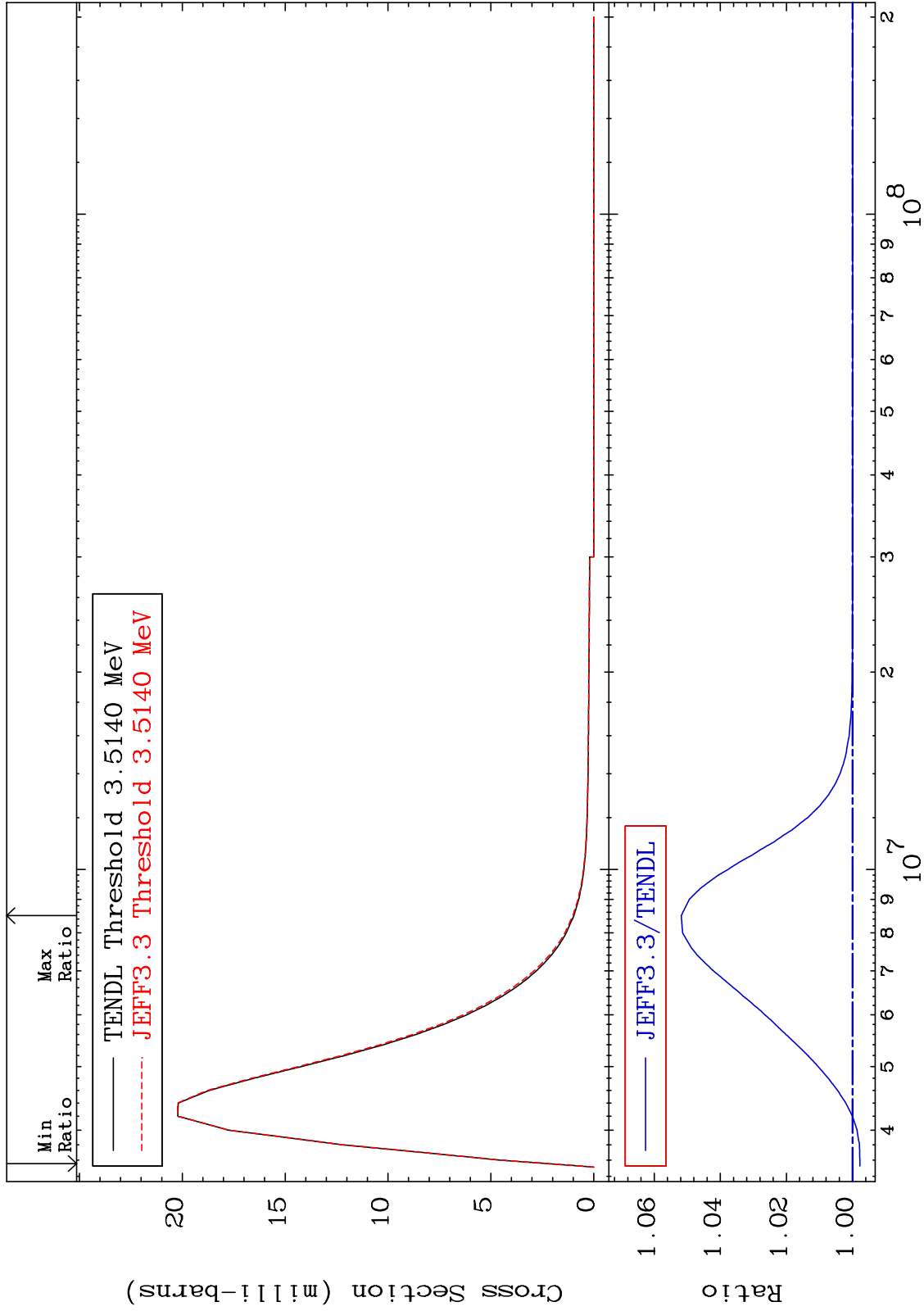
30-Zn-70  
-0.187 To 5.586 %



MAT 3043

MT= 74 (n,n') Level  
Cross Section

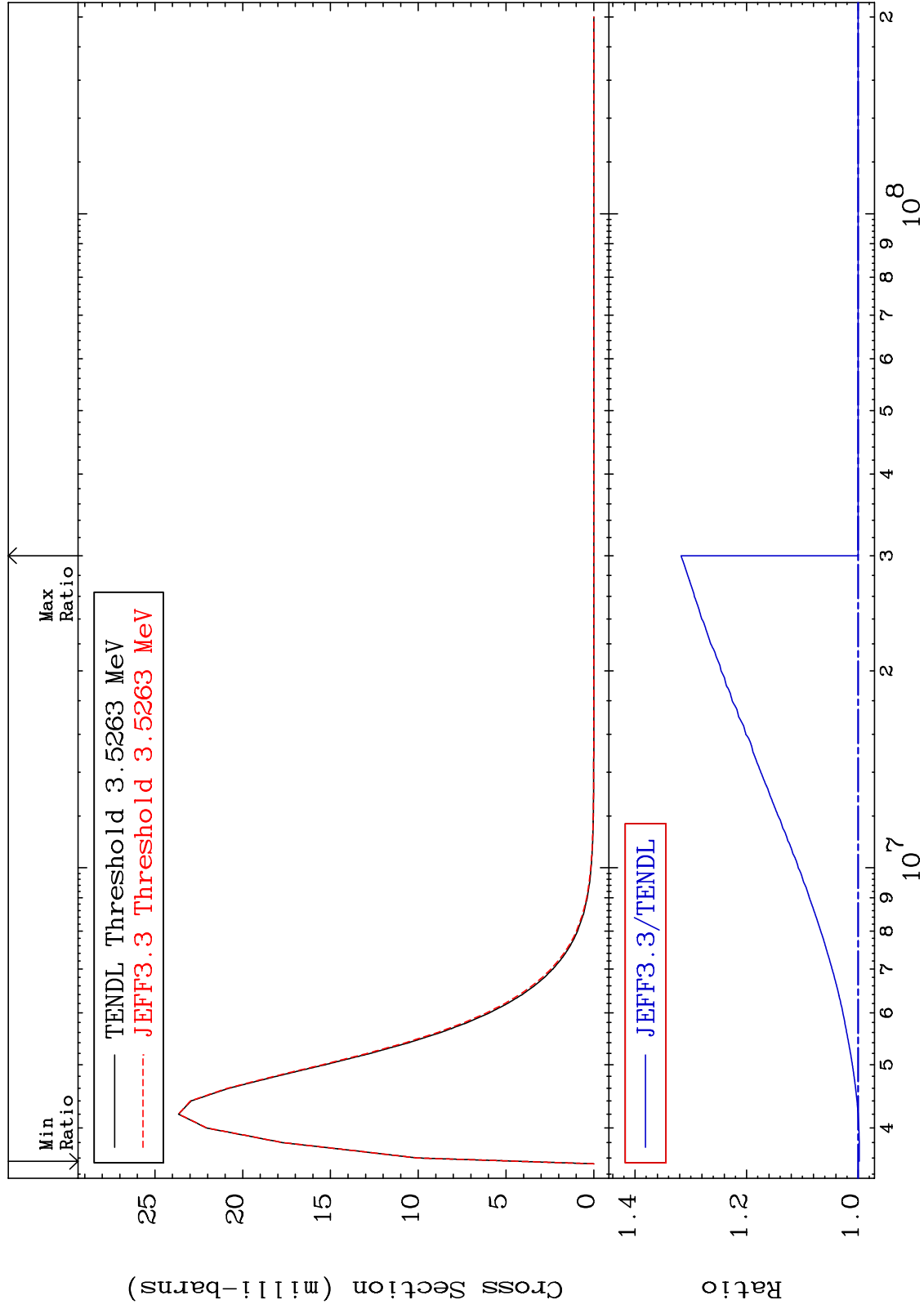
30-Zn-70  
-0.222 To 5.182 %



MAT 3043

MT= 75 (n,n') Level  
Cross Section

30-Zn-70  
-0.197 To 31.75 %



43

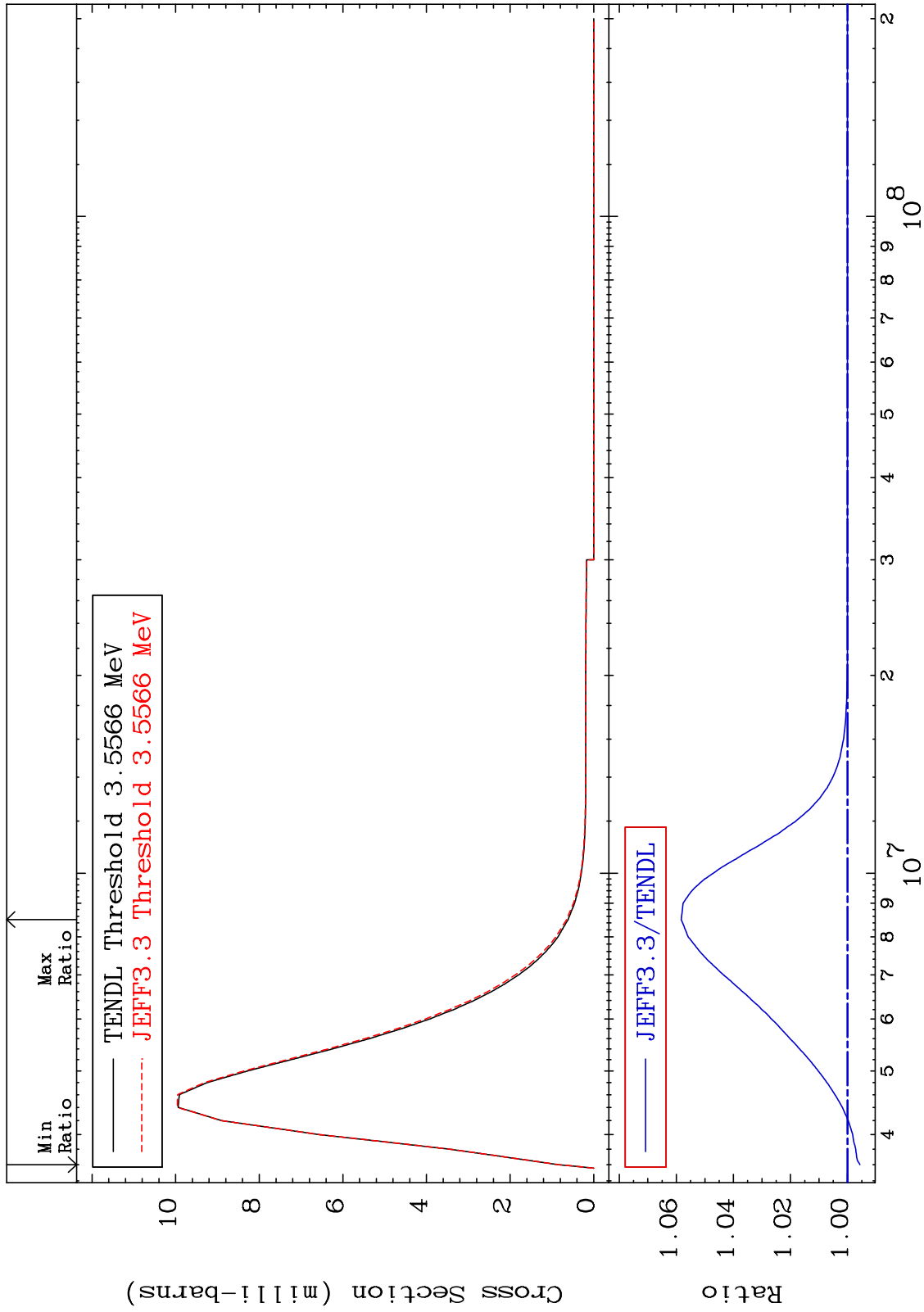
Incident Energy (eV)

30-Zn-70

MAT 3043

MT= 76 (n,n') Level  
Cross Section

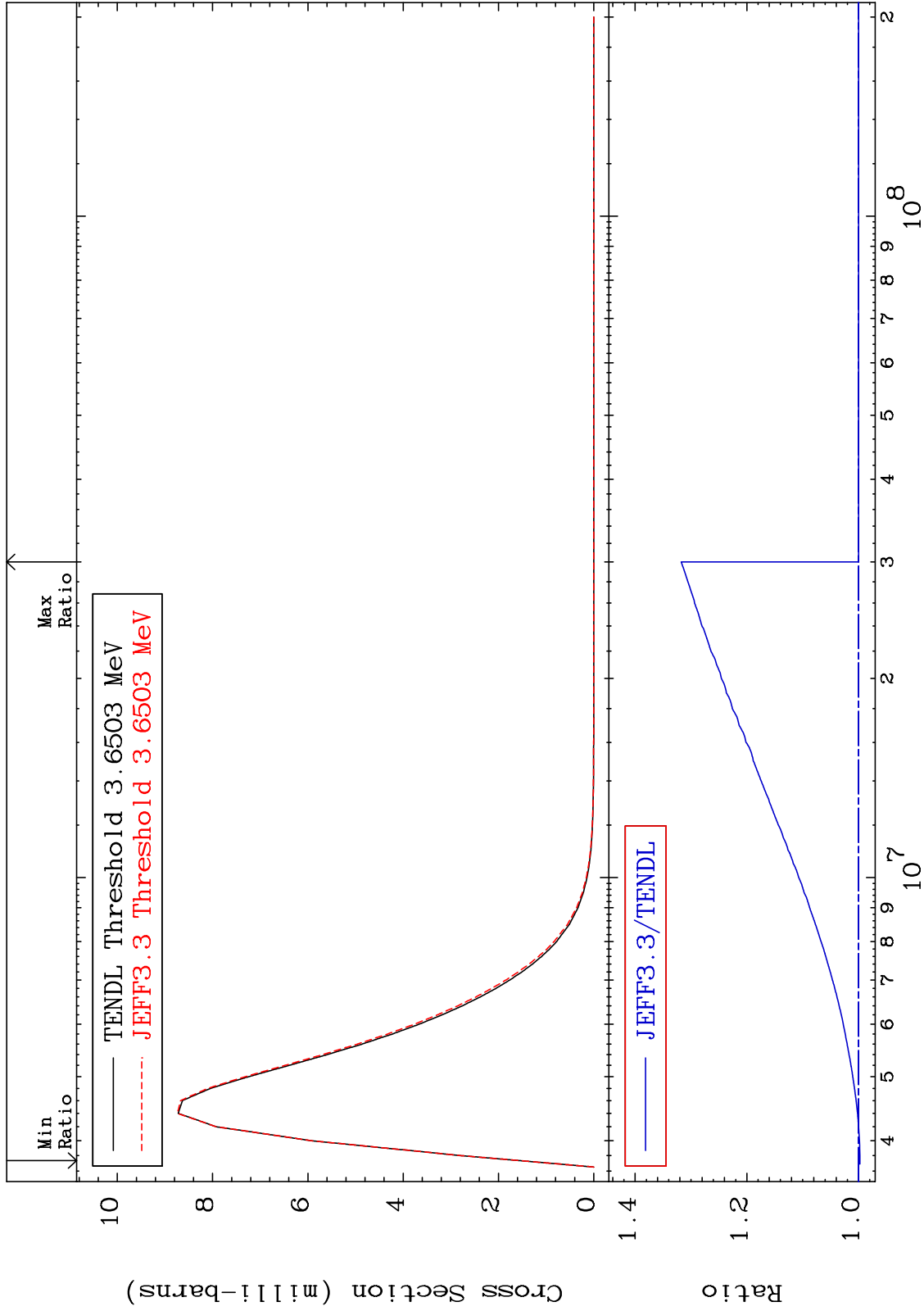
30-Zn-70  
-0.435 To 5.829 %



MAT 3043

MT= 77 (n,n') Level  
Cross Section

30-Zn-70  
-0.245 To 31.75 %



45

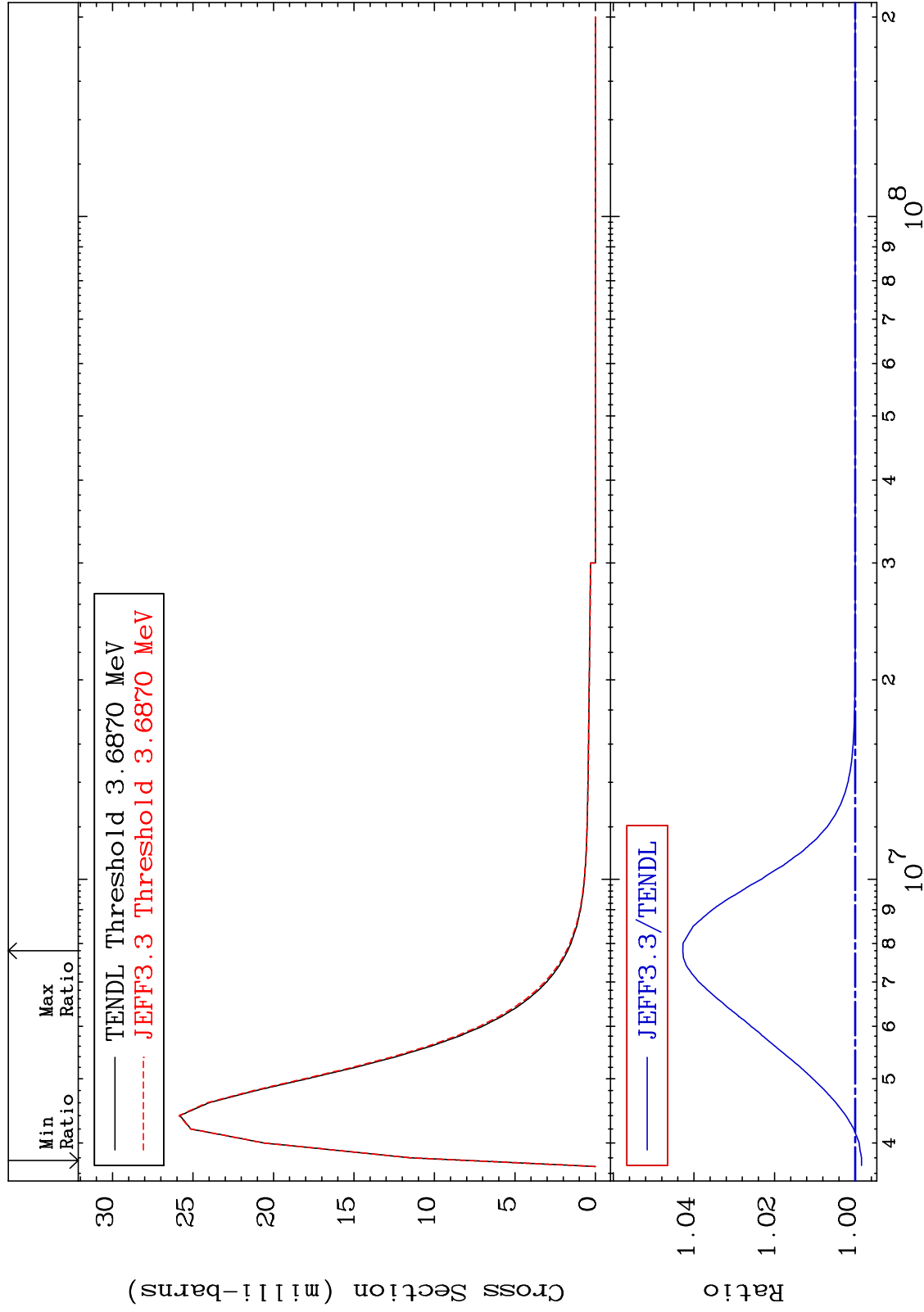
Incident Energy (eV)

30-Zn-70

MAT 3043

MT= 78 (n,n') Level  
Cross Section

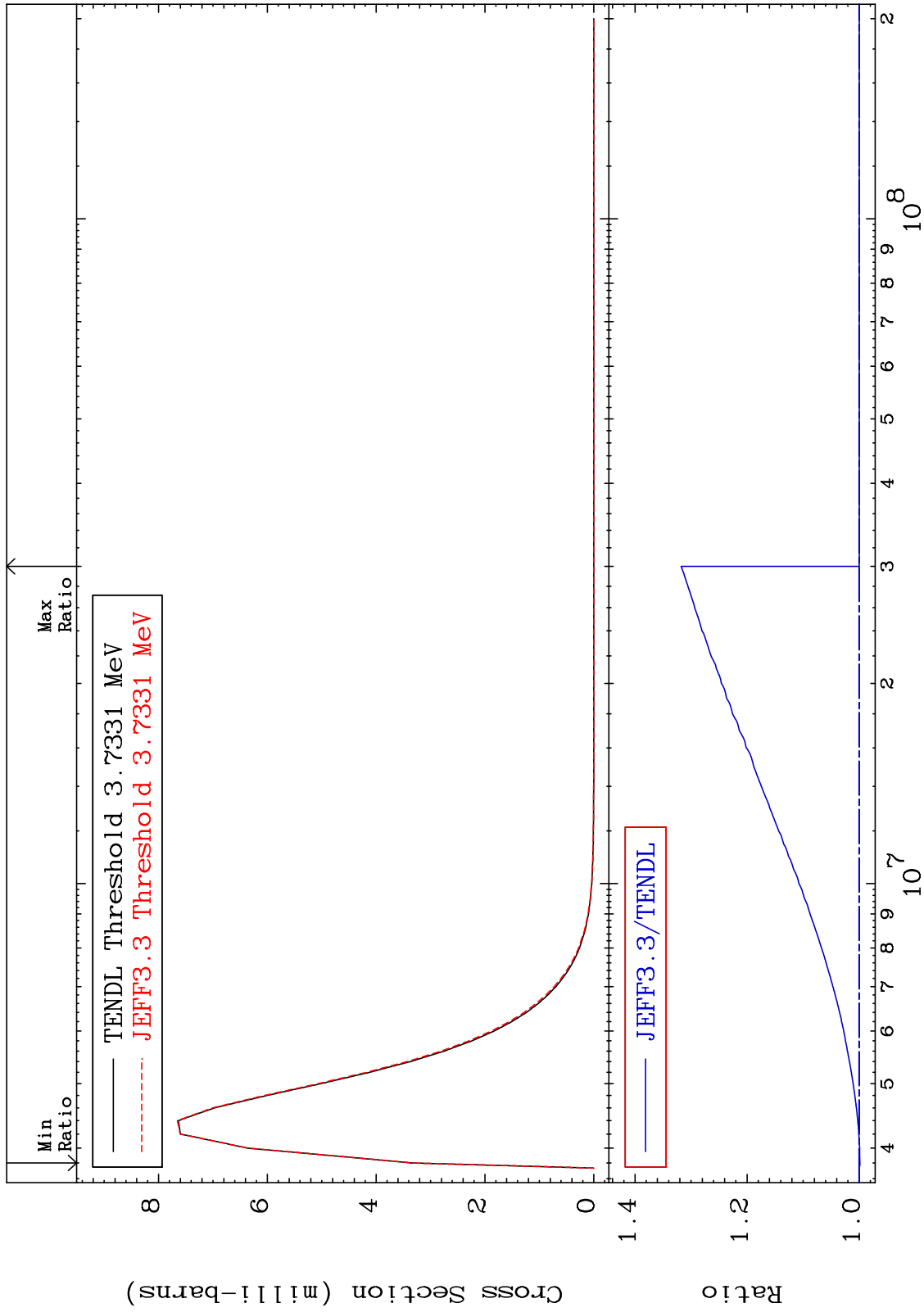
30-Zn-70  
-0.160 To 4.275 %



MAT 3043

MT= 79 (n,n') Level  
Cross Section

30-Zn-70  
-0.138 To 31.75 %

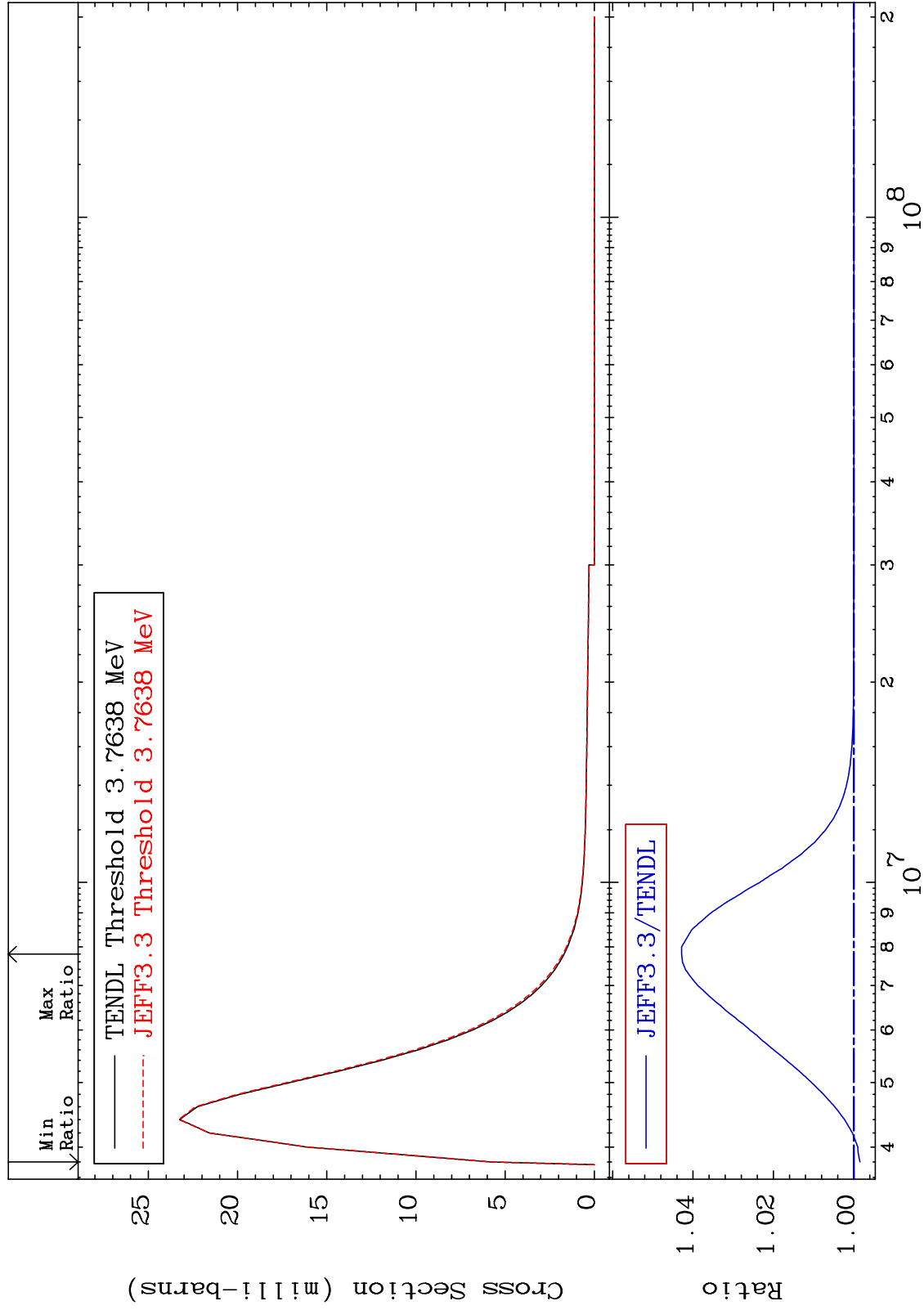




MAT 3043

MT= 80 (n,n') Level  
Cross Section

30-Zn-70  
-0.156 To 4.282 %



48

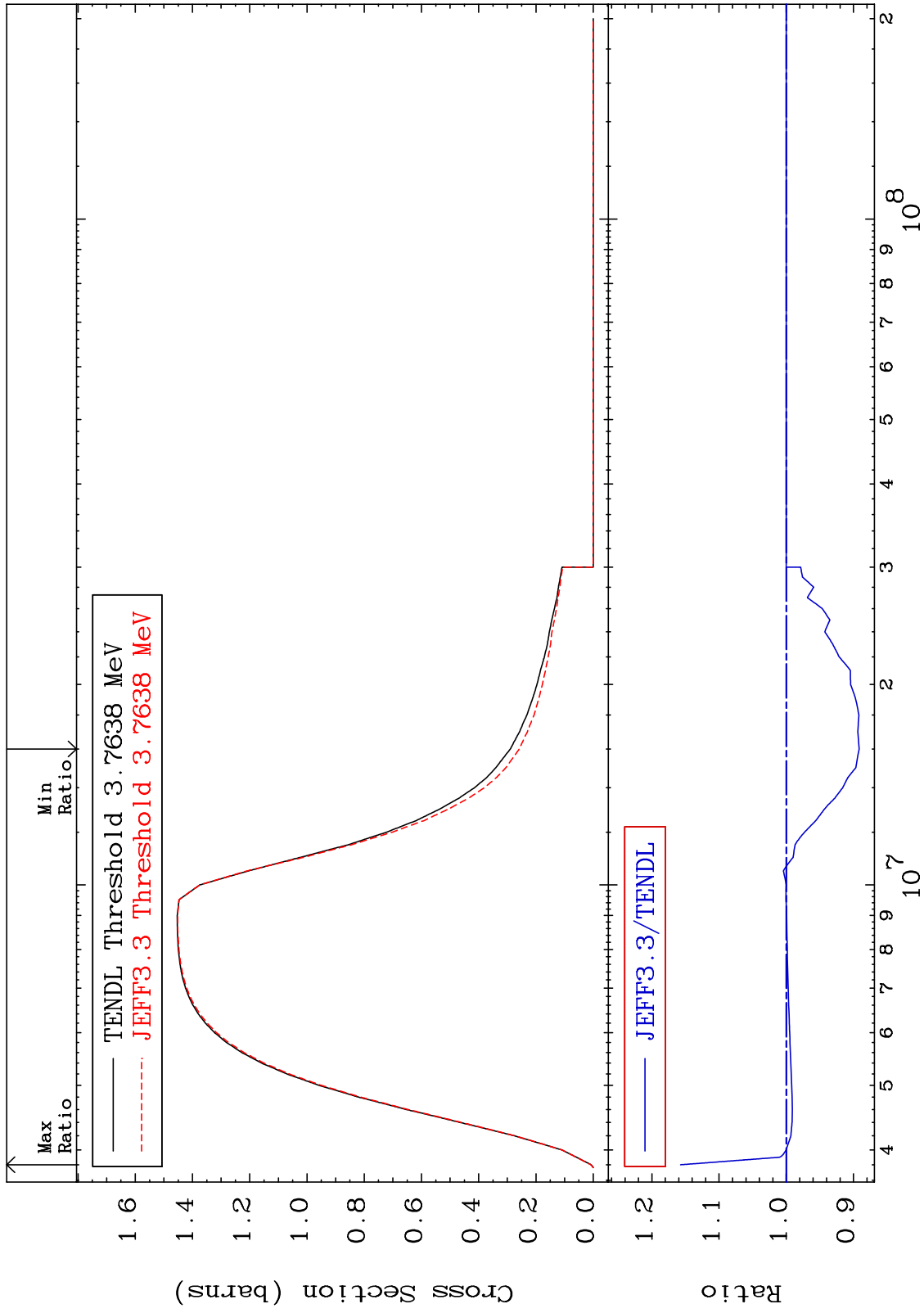
Incident Energy (eV)

30-Zn-70

MAT 3043

(n, n') Continuum  
Cross Section

30-Zn-70  
-10.85 To 15.72 %



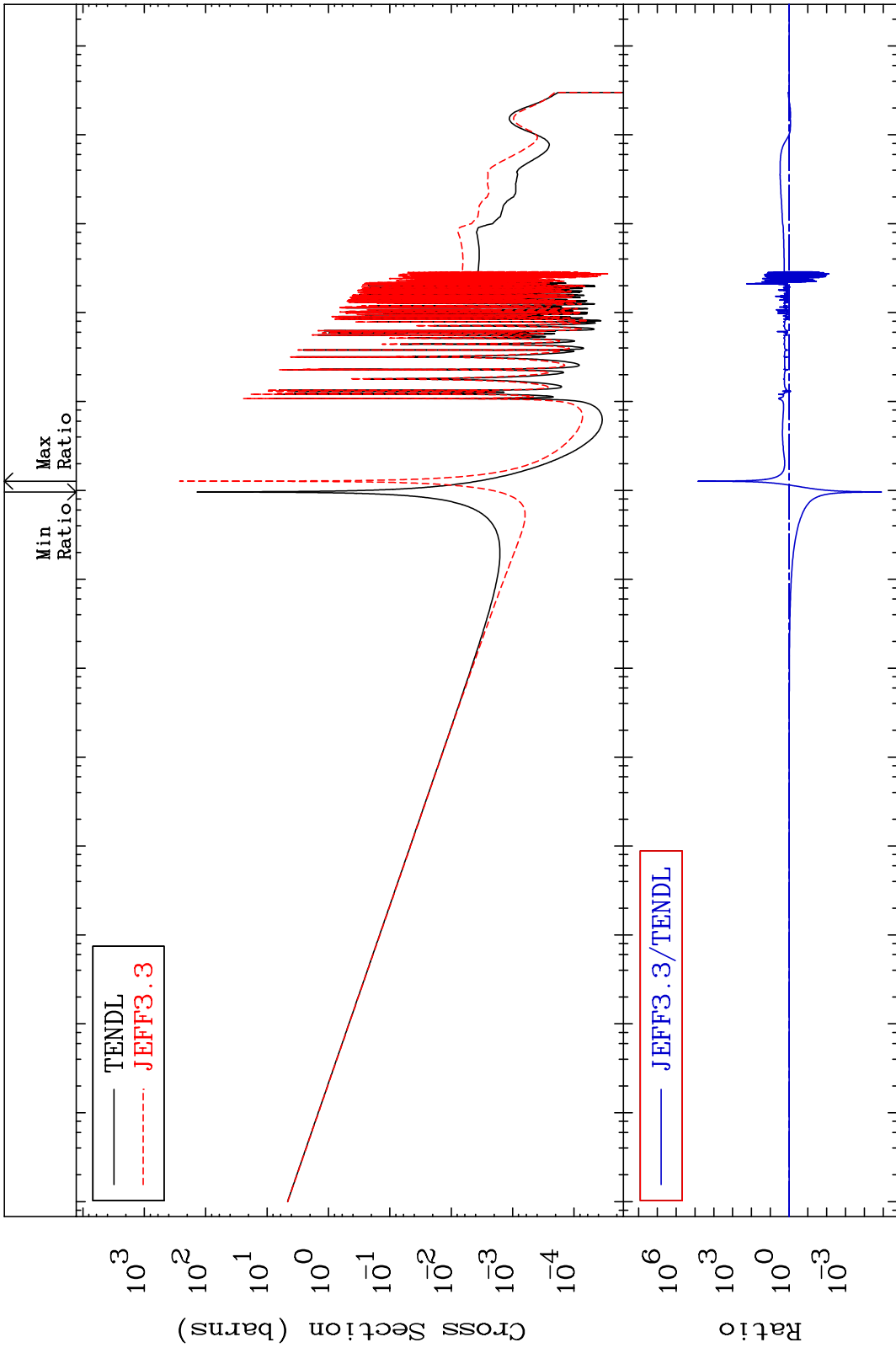
MAT 3043

(n,  $\gamma$ )

30-Zn-70

Cross Section

-100.0 To 9999. %



50

Incident Energy (eV)

30-Zn-70

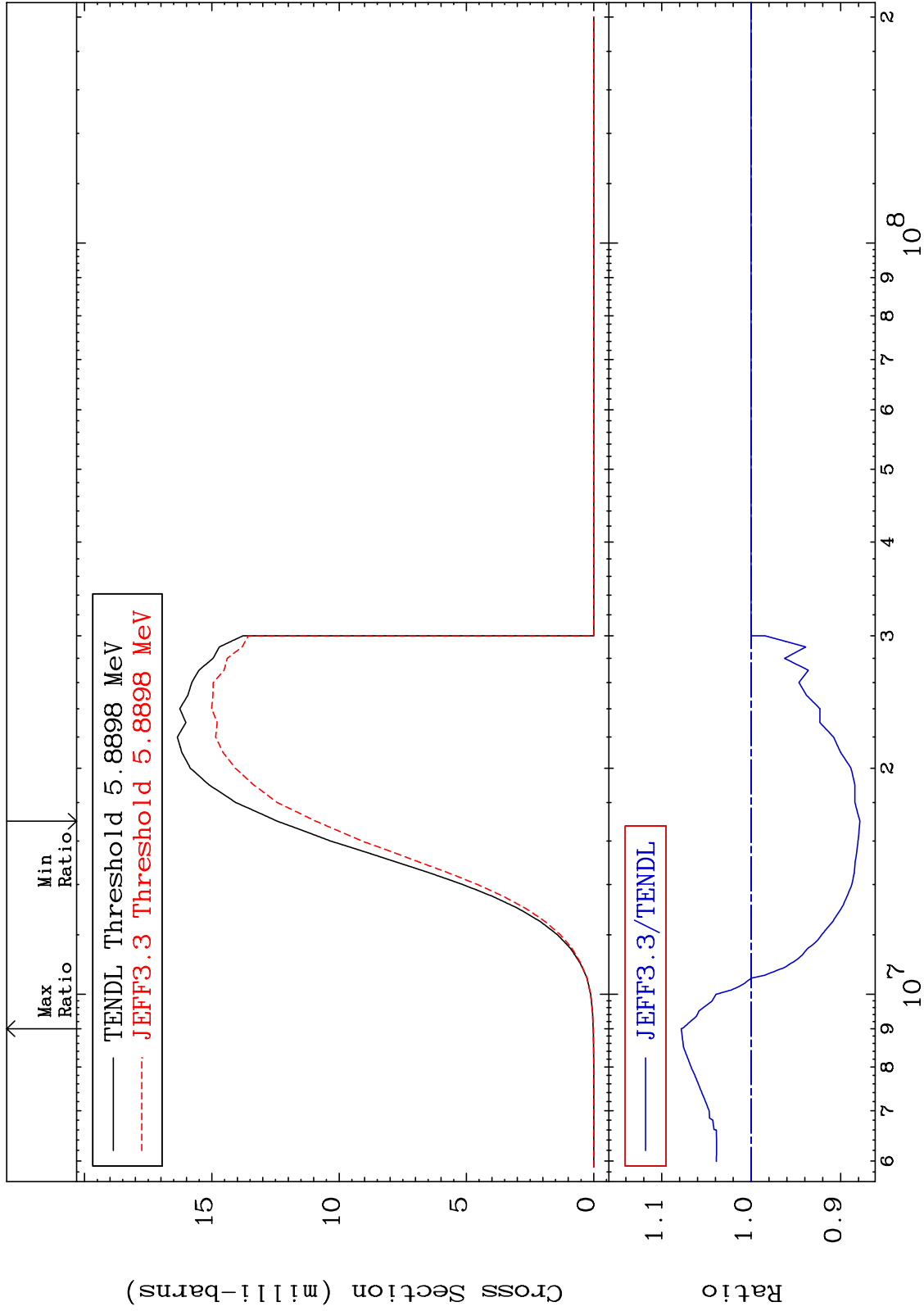
MAT 3043

(n,p)

30-Zn-70

Cross Section

-12.14 To 7.810 %



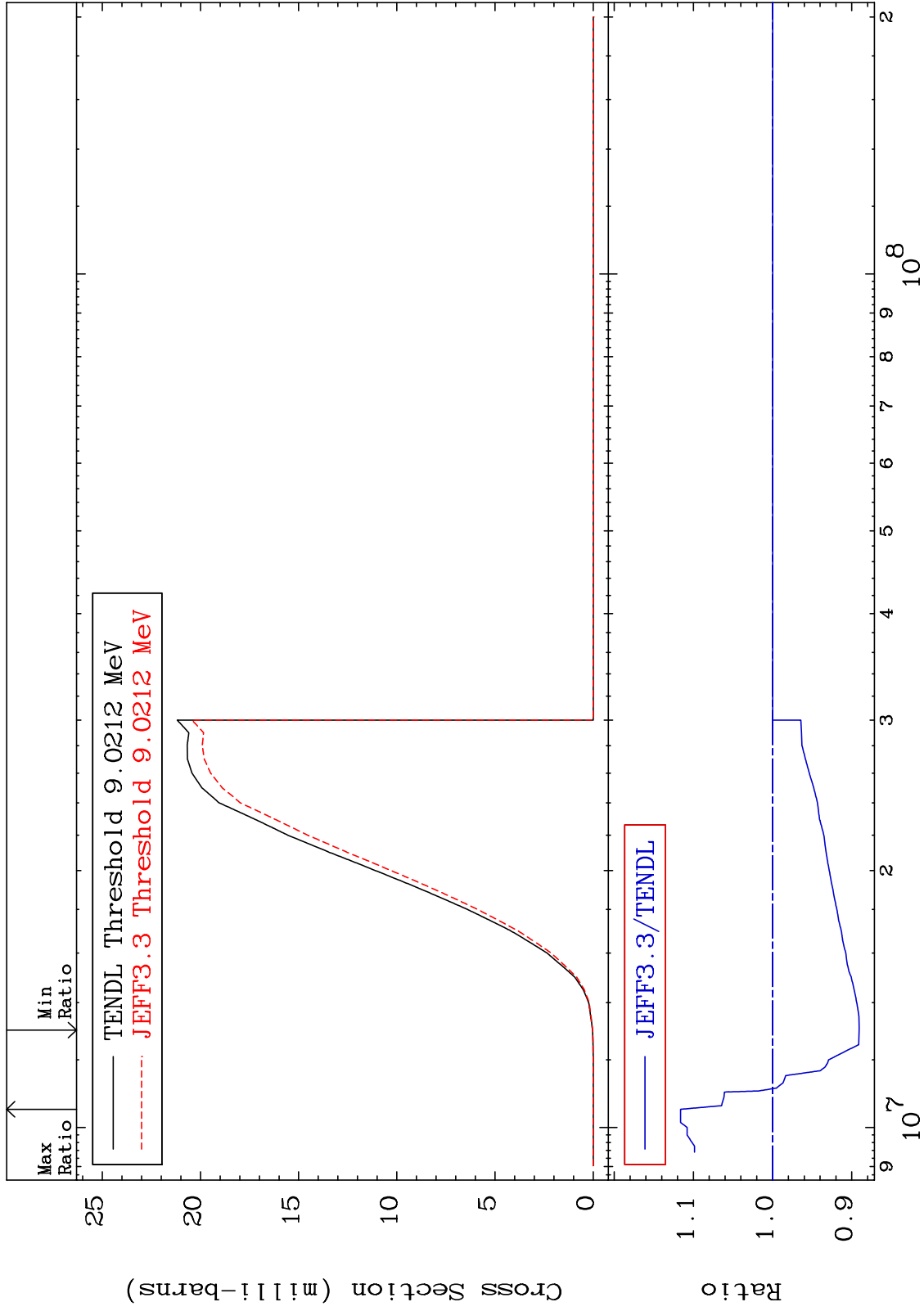
MAT 3043

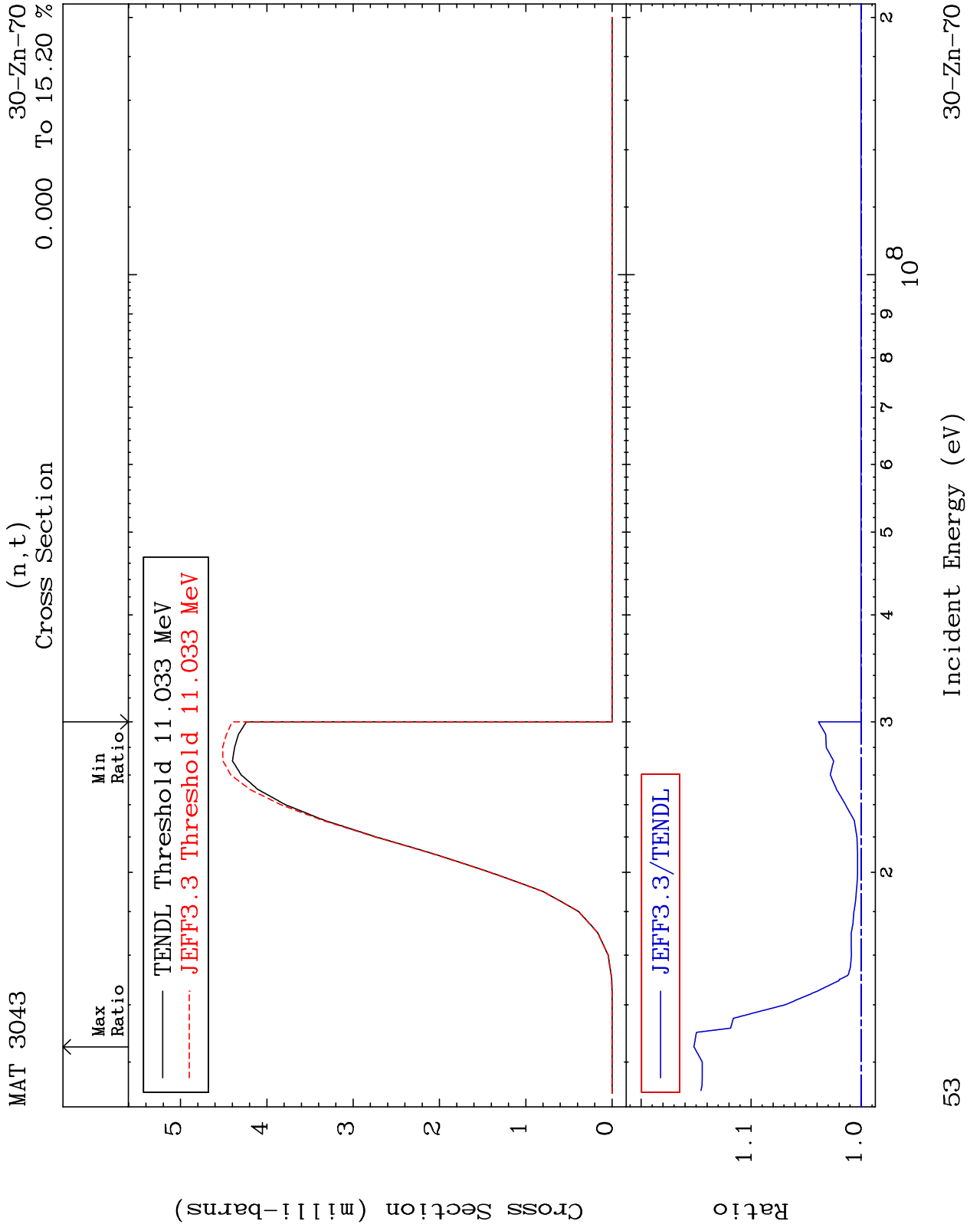
(n, d)

30-Zn-70

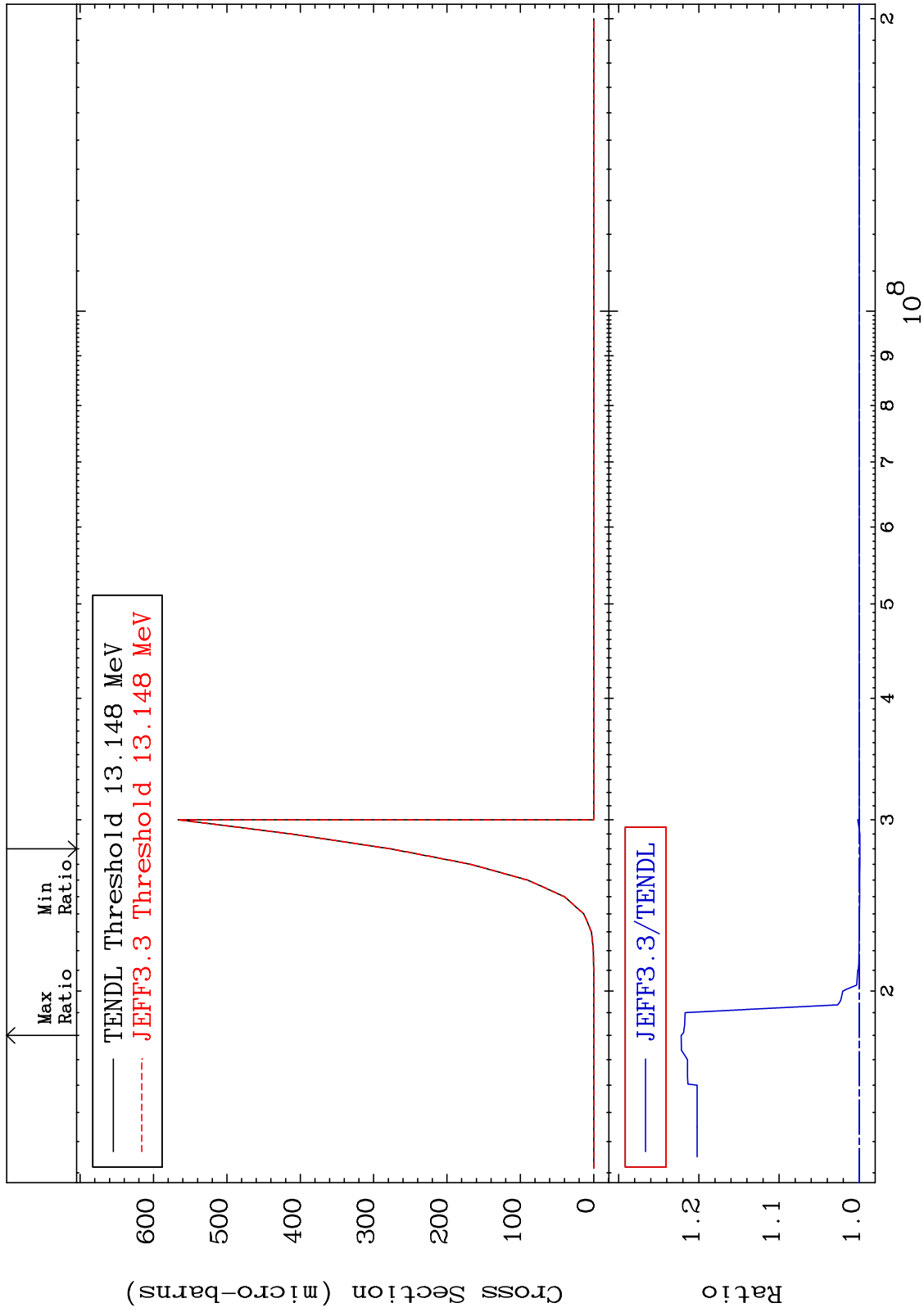
Cross Section

-10.94 To 11.62 %





MAT 3043 (n, He-3) 30-Zn-70  
 Cross Section -0.074 To 22.20 %



30-Zn-70

Incident Energy (eV)

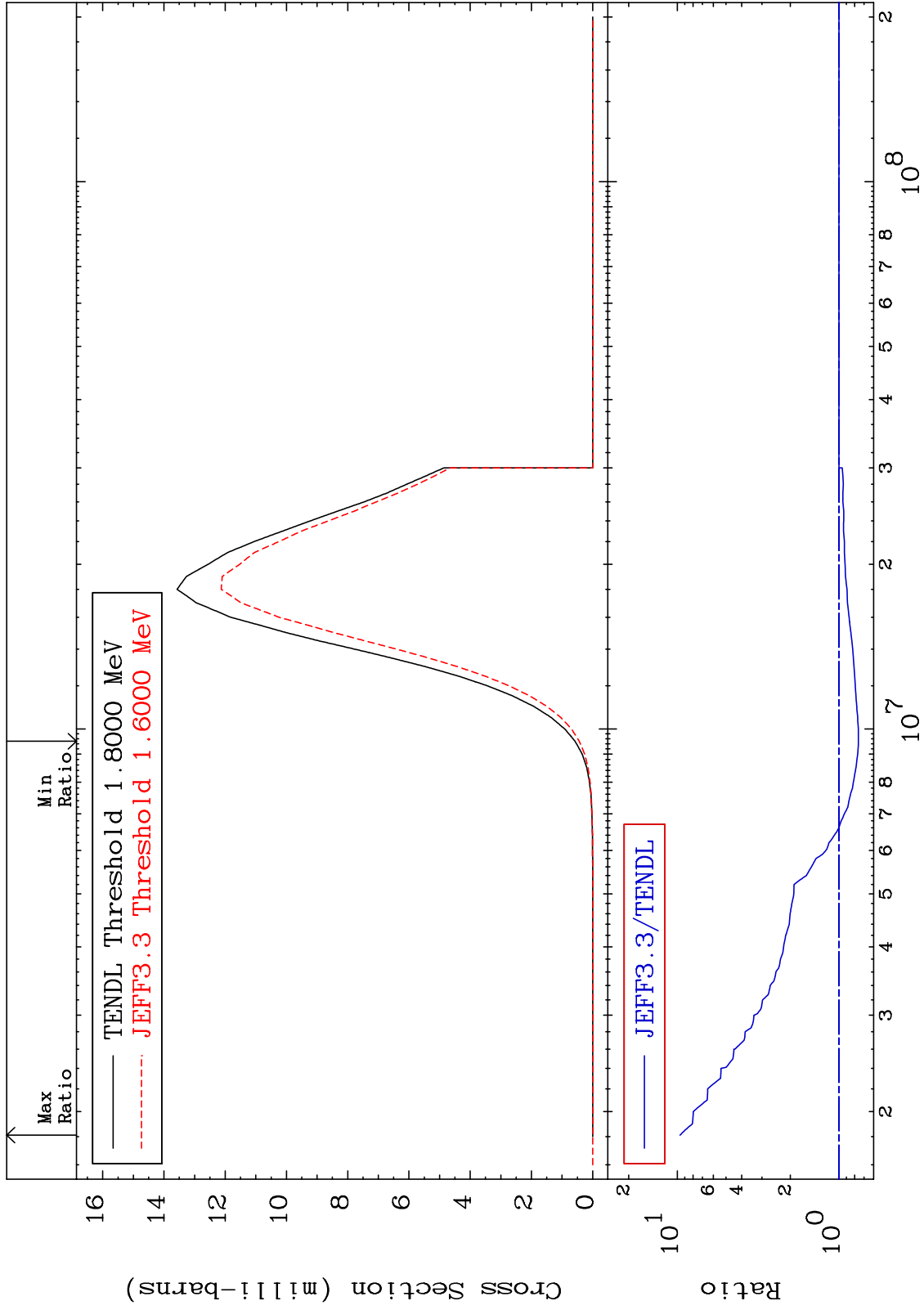
MAT 3043

(n,  $\alpha$ )

30-Zn-70

Cross Section

-24.11 To 863.1 %





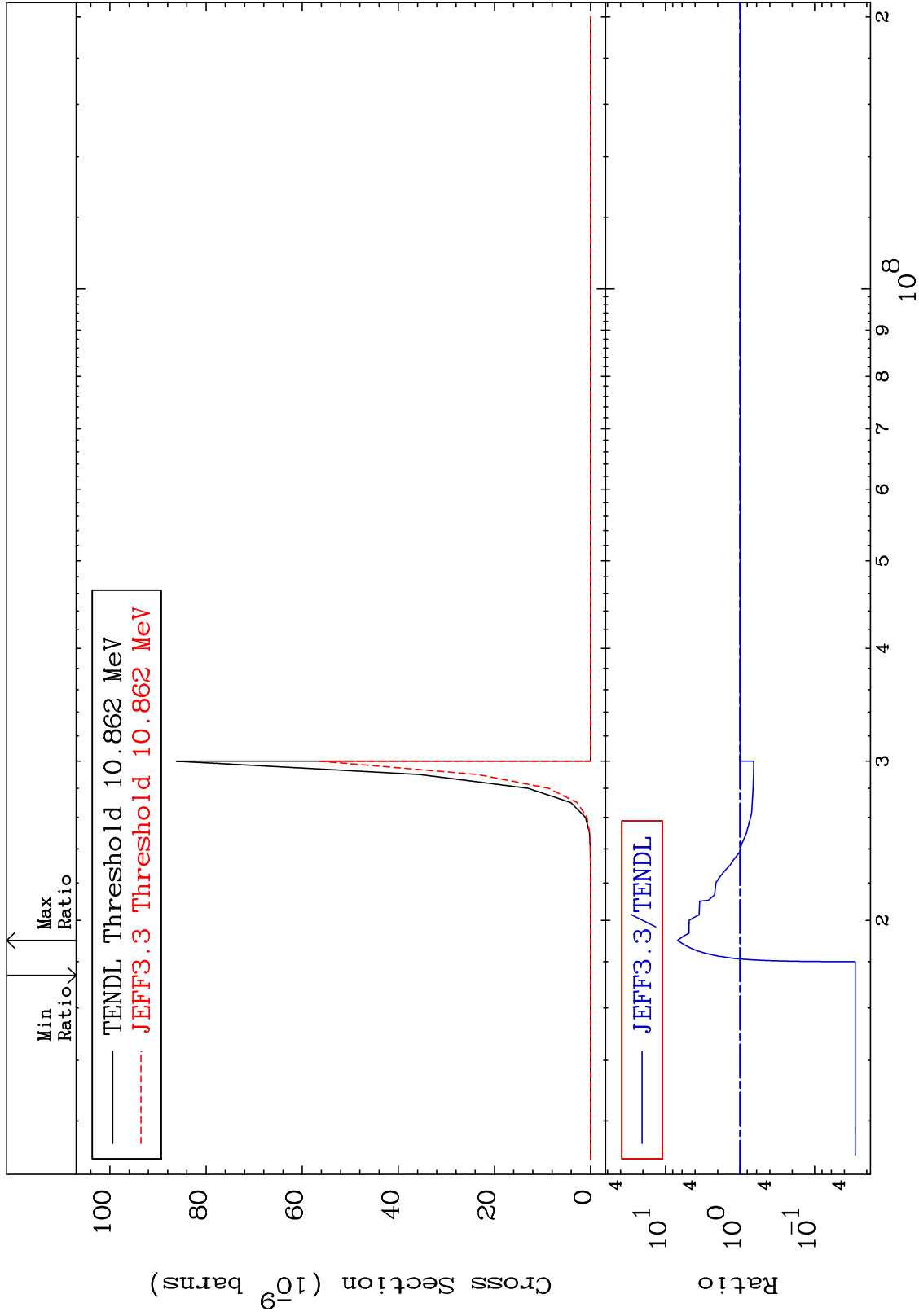
MAT 3043

(n, 2α)

30-Zn-70

Cross Section

-97.14 To 588.7 %



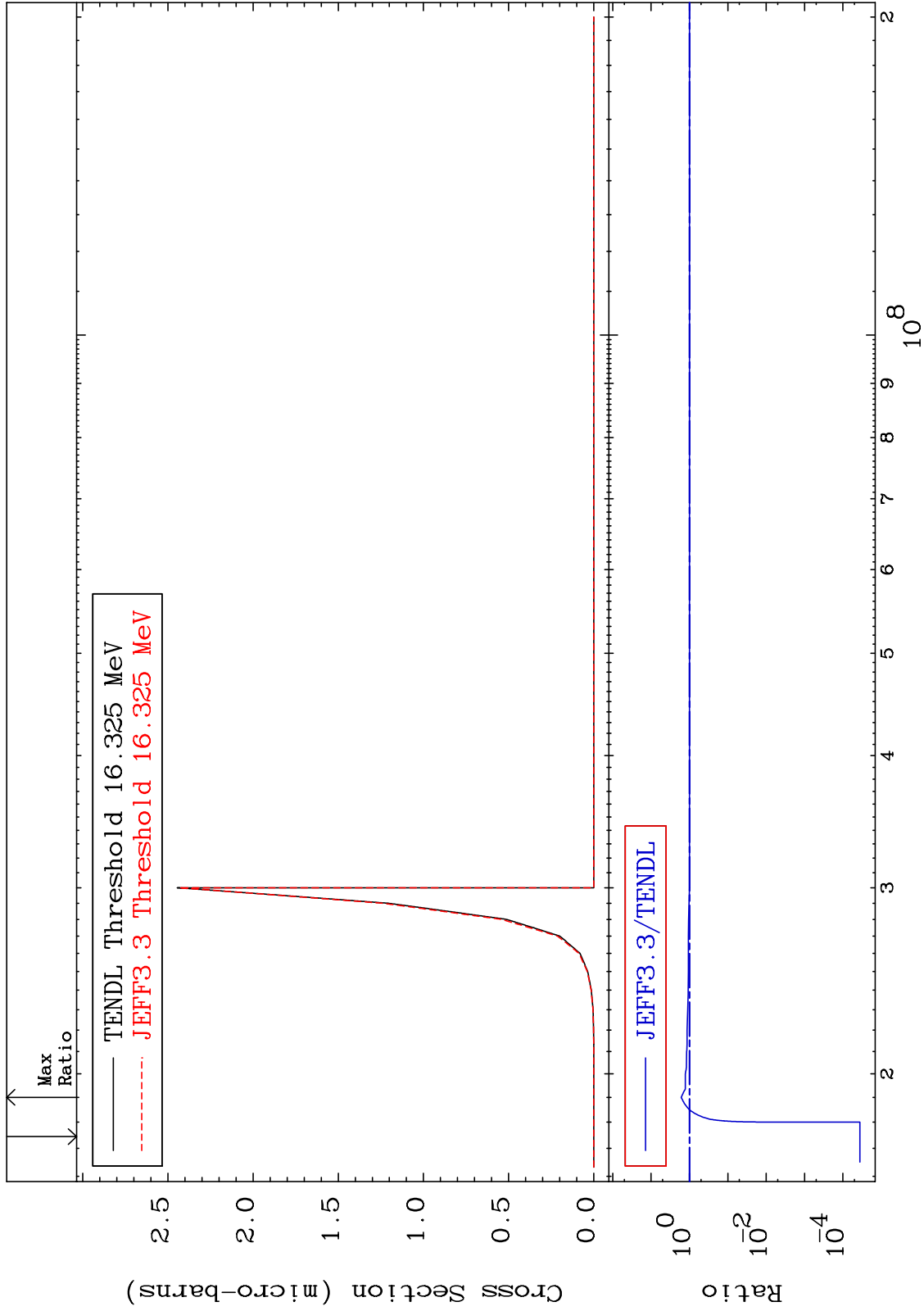
MAT 3043

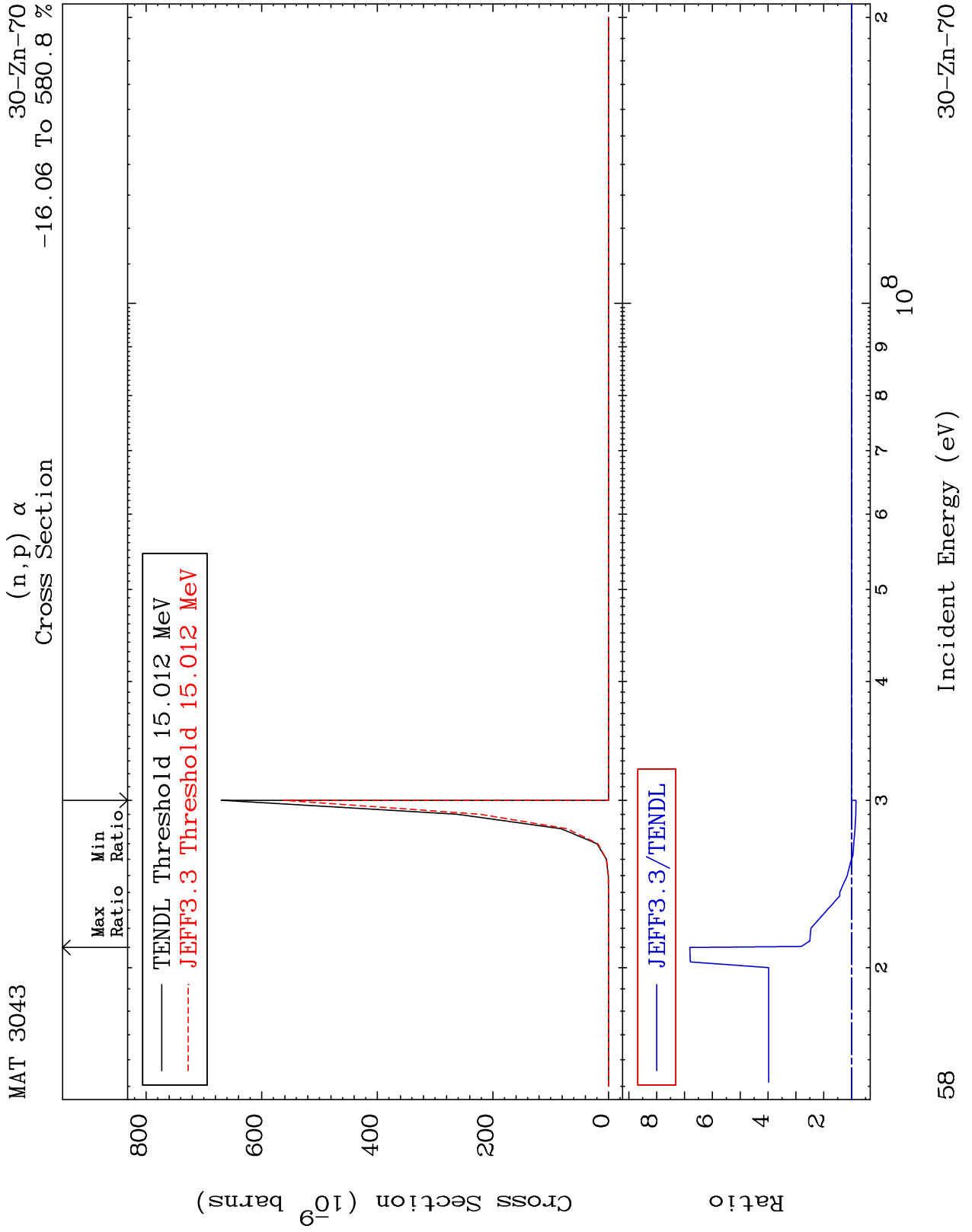
(n,2p)

30-Zn-70

Cross Section

-100.0 To 63.95 %





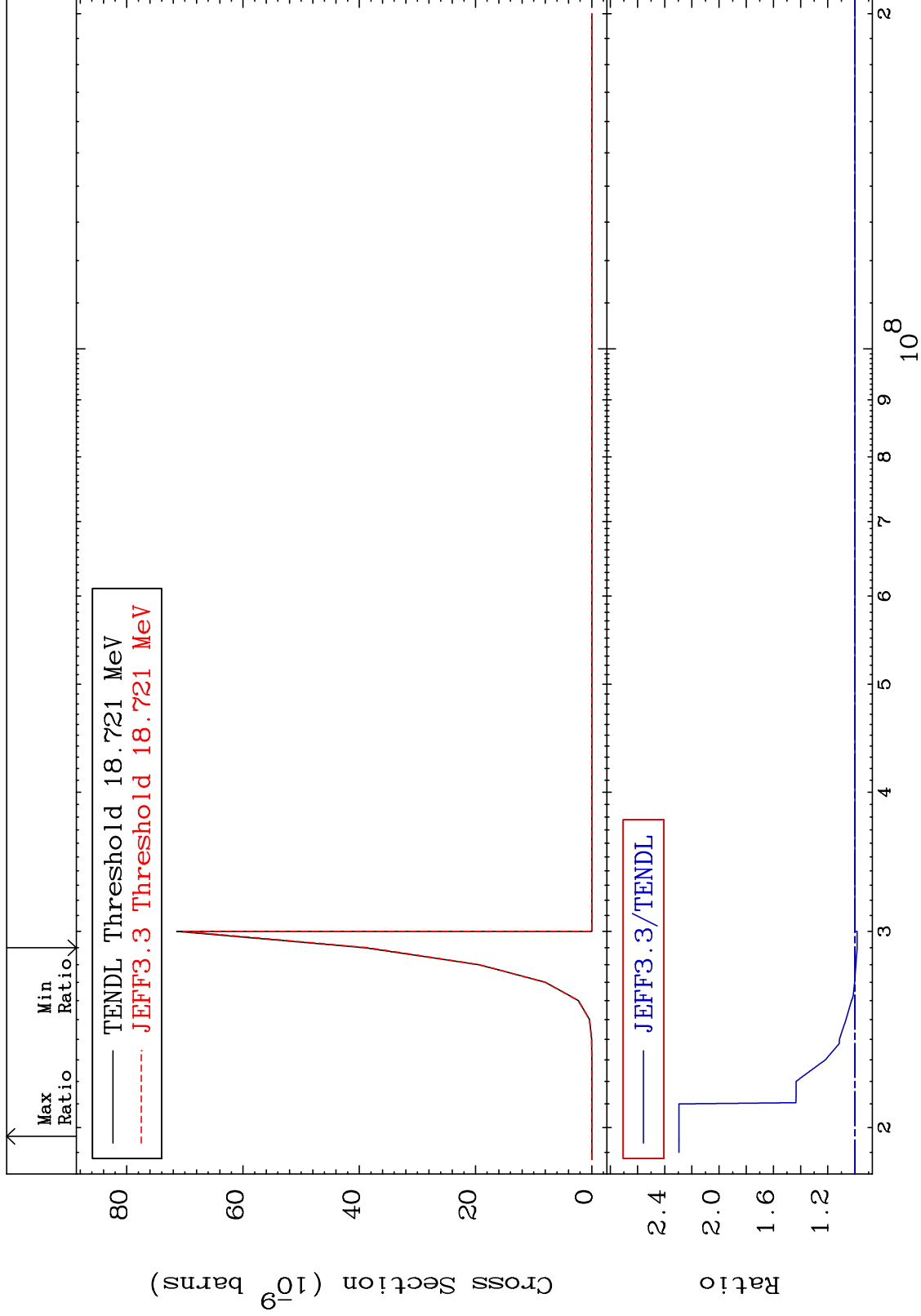
MAT 3043

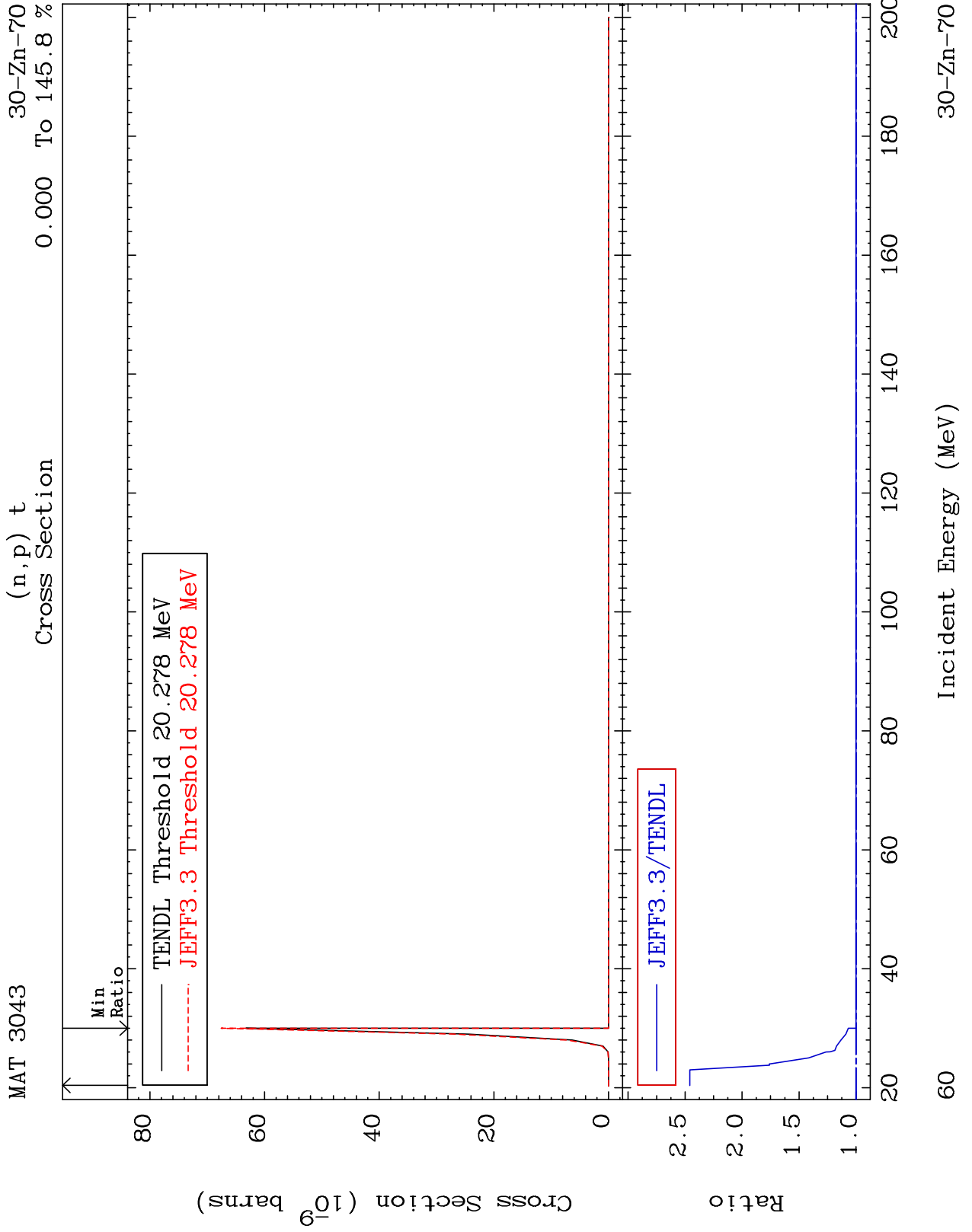
(n,p) d

30-Zn-70

Cross Section

-1.608 To 129.5 %





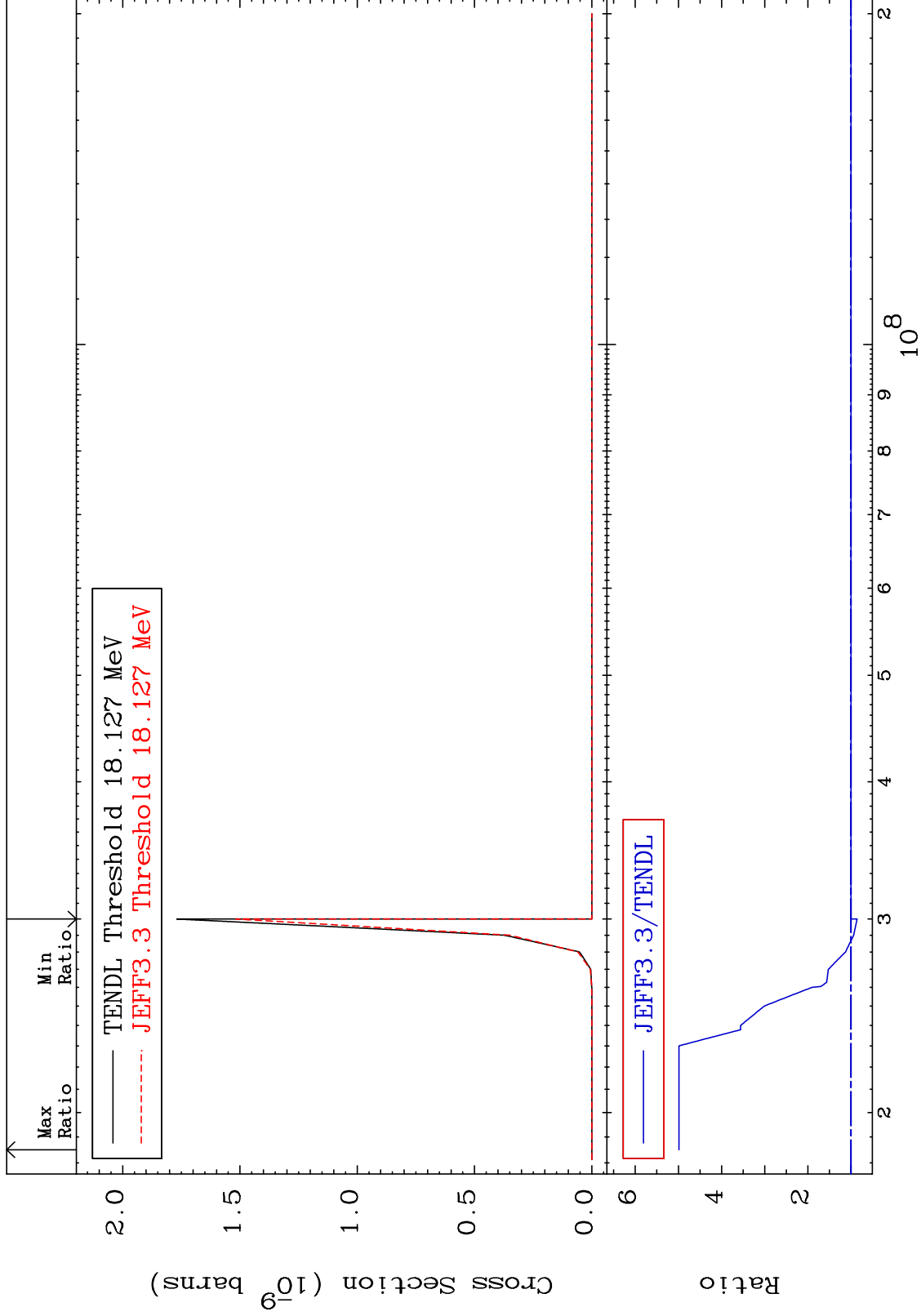
MAT 3043

(n,d)  $\alpha$

30-Zn-70

Cross Section

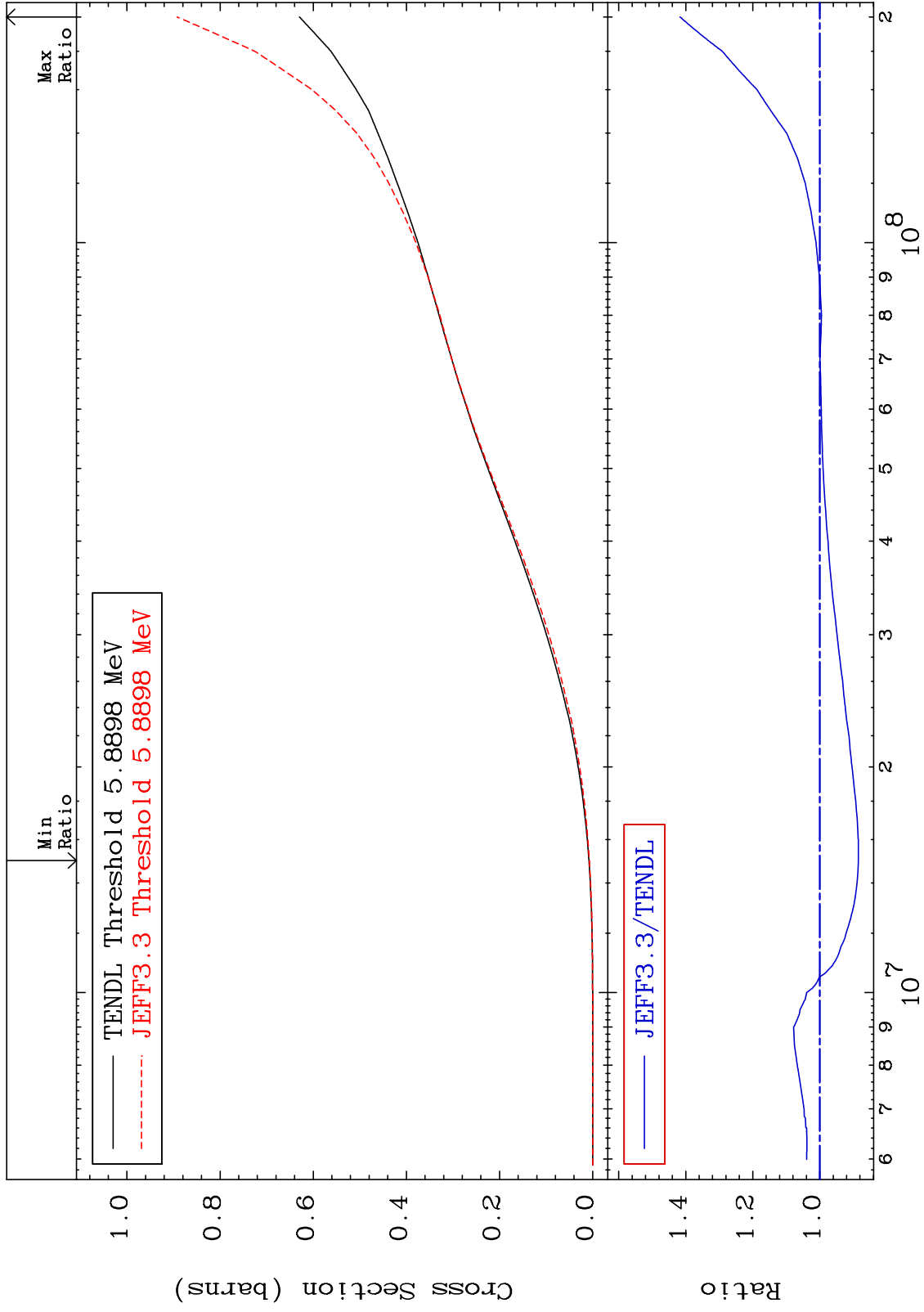
-14.26 To 398.6 %



MAT 3043

Hydrogen Production  
Cross Section

30-Zn-70  
-11.53 To 41.71 %



62

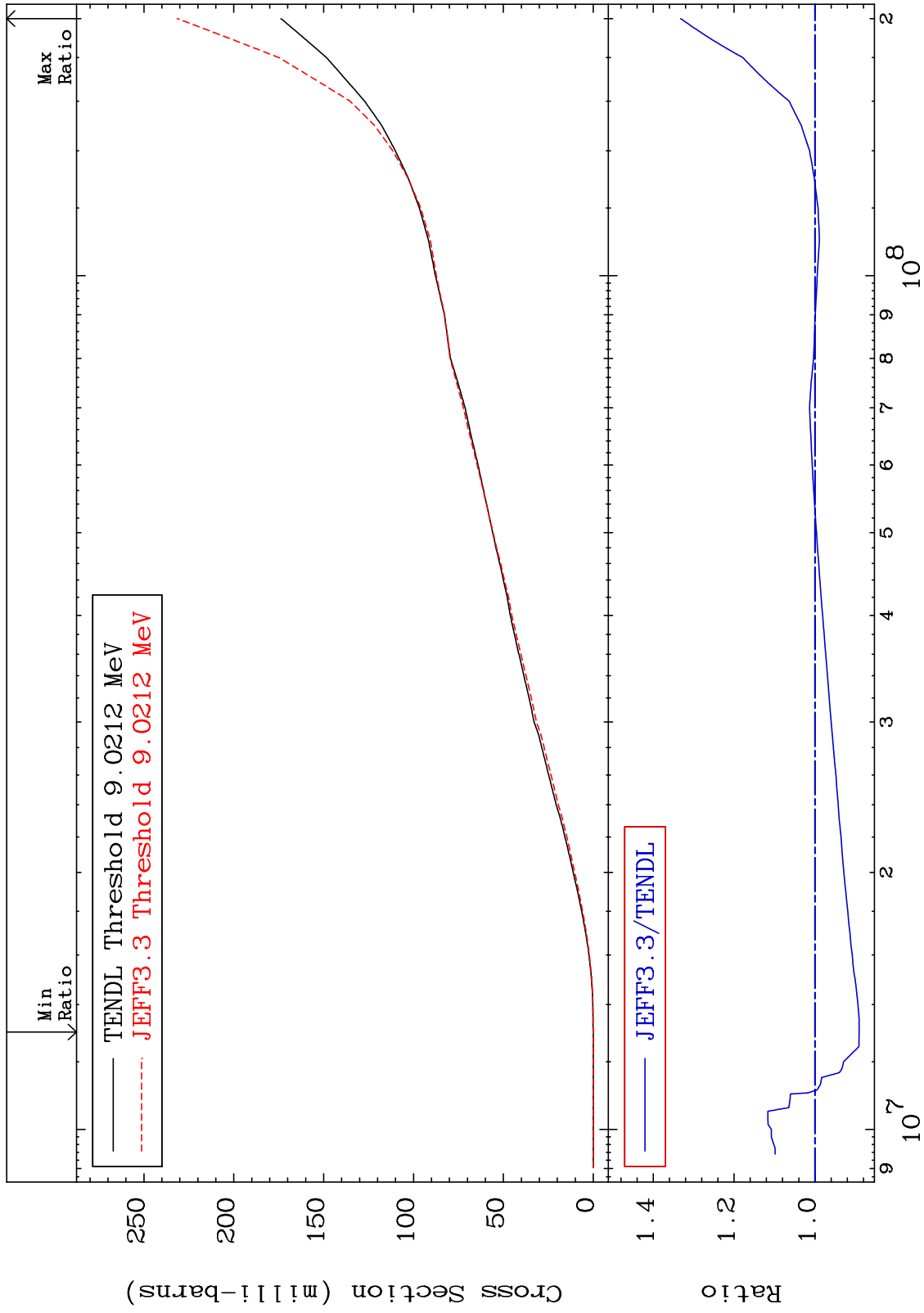
Incident Energy (eV)

30-Zn-70

MAT 3043

Deuterium Production  
Cross Section

30-Zn-70  
-10.94 To 33.23 %



63

Incident Energy (eV)

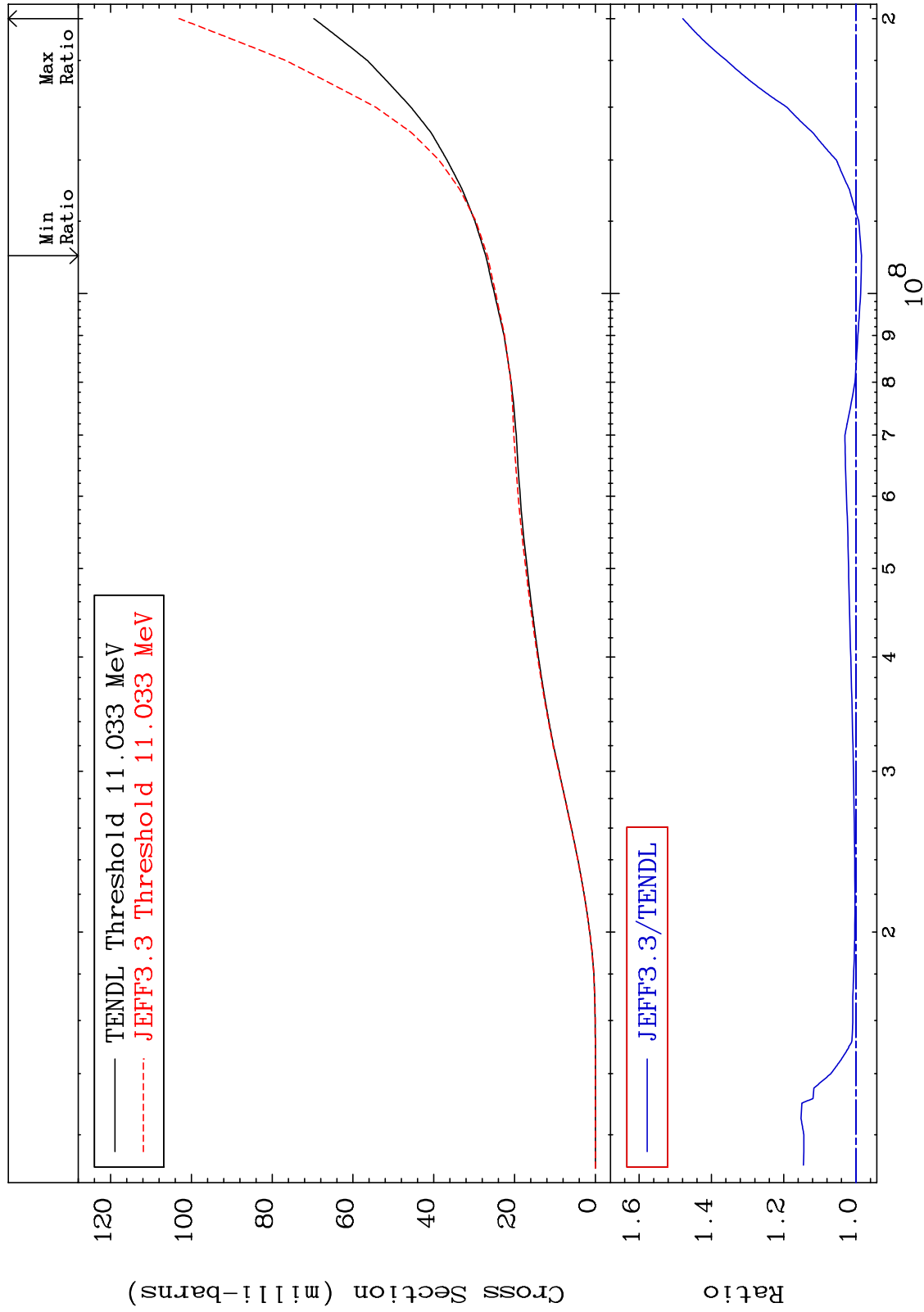
30-Zn-70



MAT 3043

Tritium Production  
Cross Section

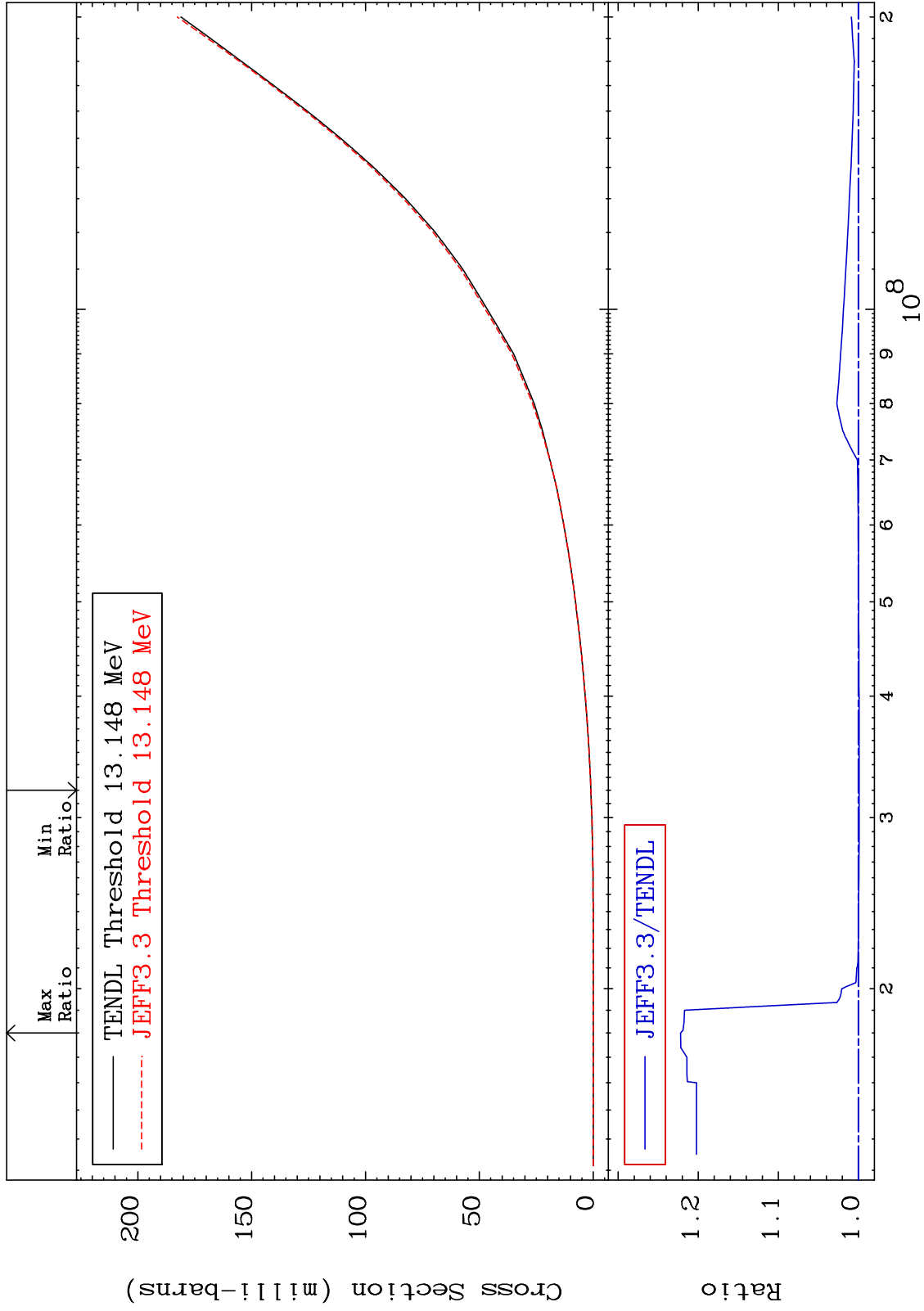
30-Zn-70  
-1.558 To 47.91 %



MAT 3043

He-3 Production  
Cross Section

30-Zn-70  
-0.091 To 22.20 %



65

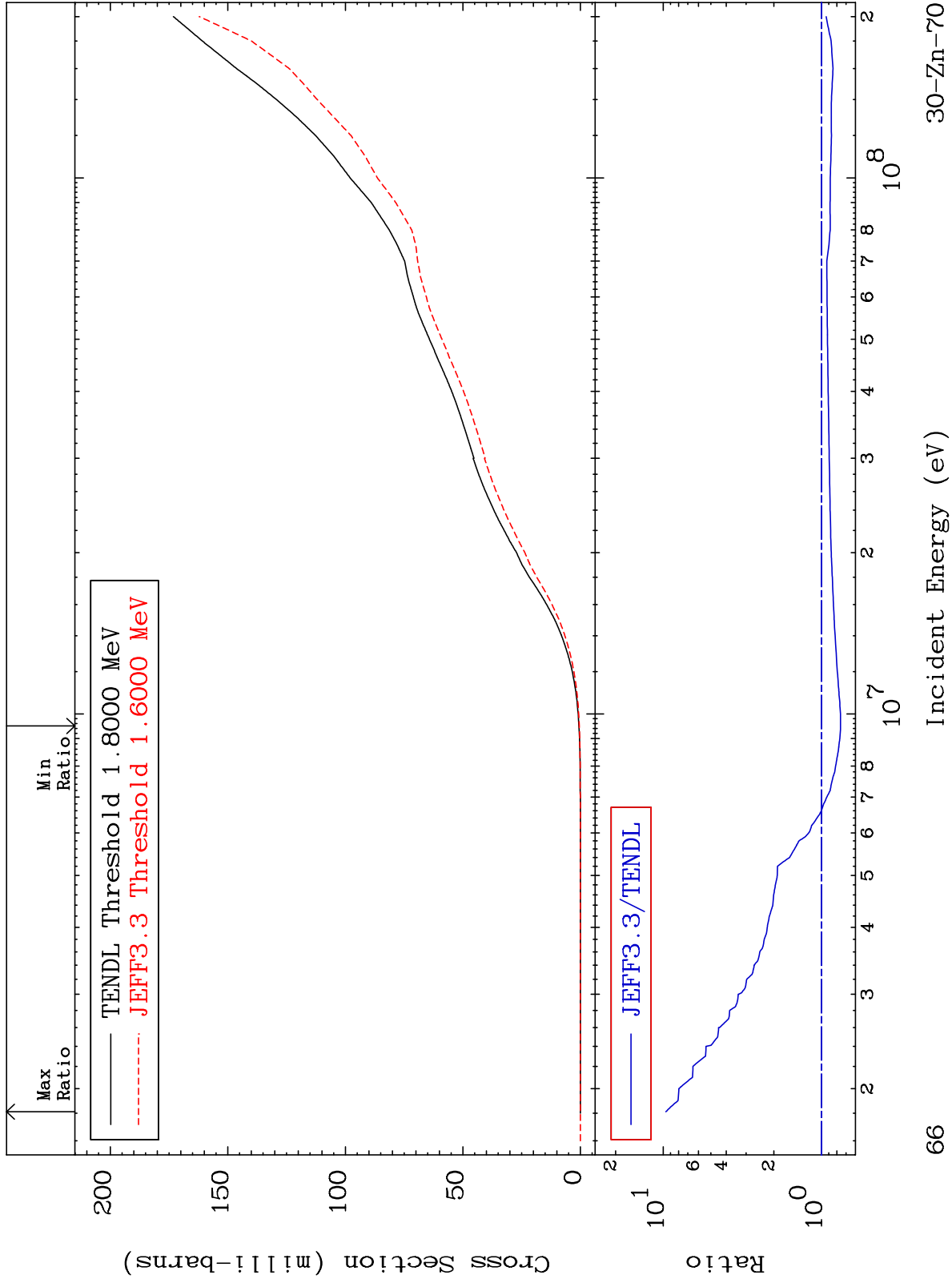
Incident Energy (eV)

30-Zn-70

MAT 3043

He-4 Production  
Cross Section

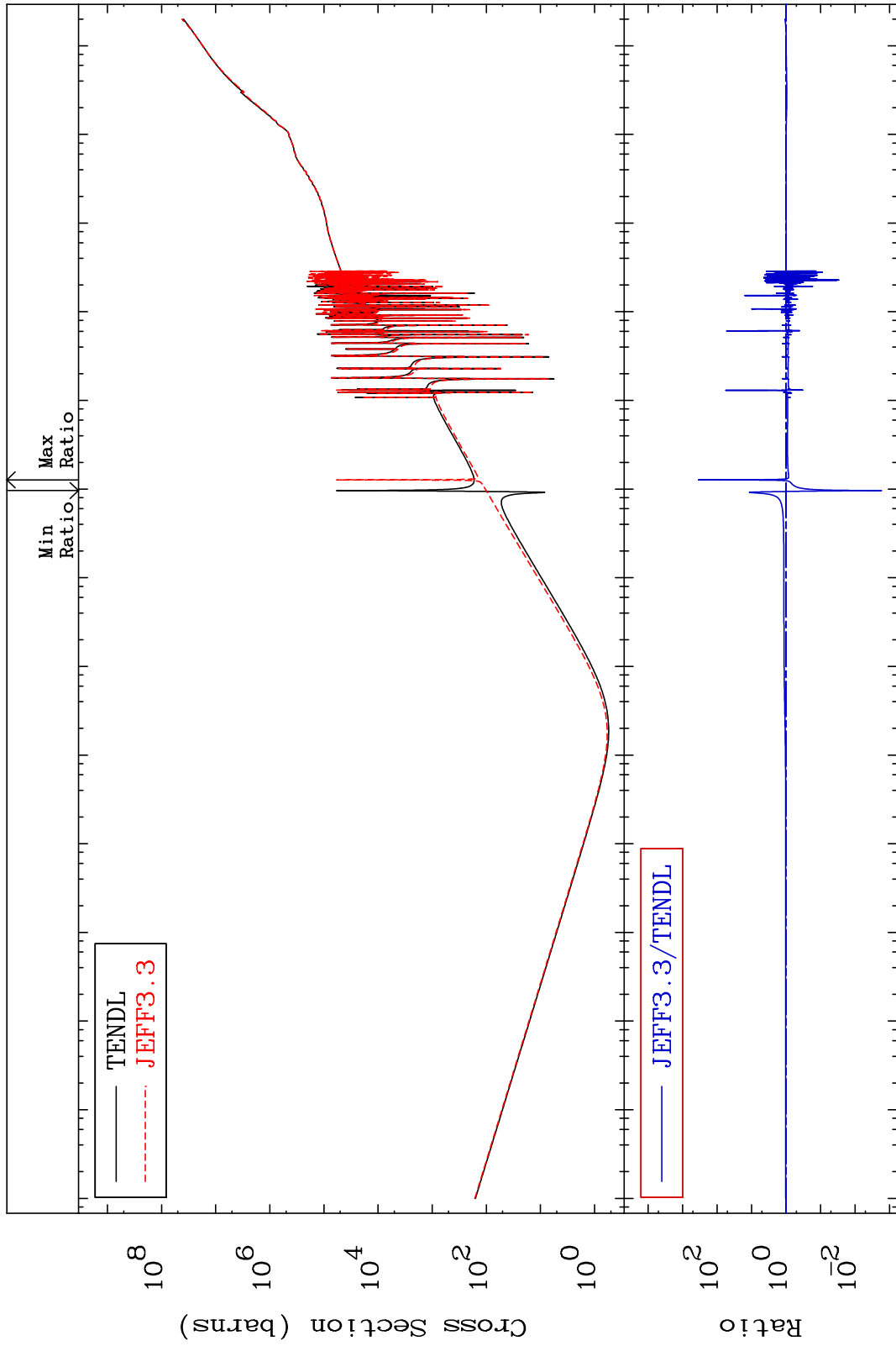
30-Zn-70  
-24.11 To 863.1 %



MAT 3043

Kerma total (eV-barns)  
Cross Section

30-Zn-70  
-99.83 To 9999. %



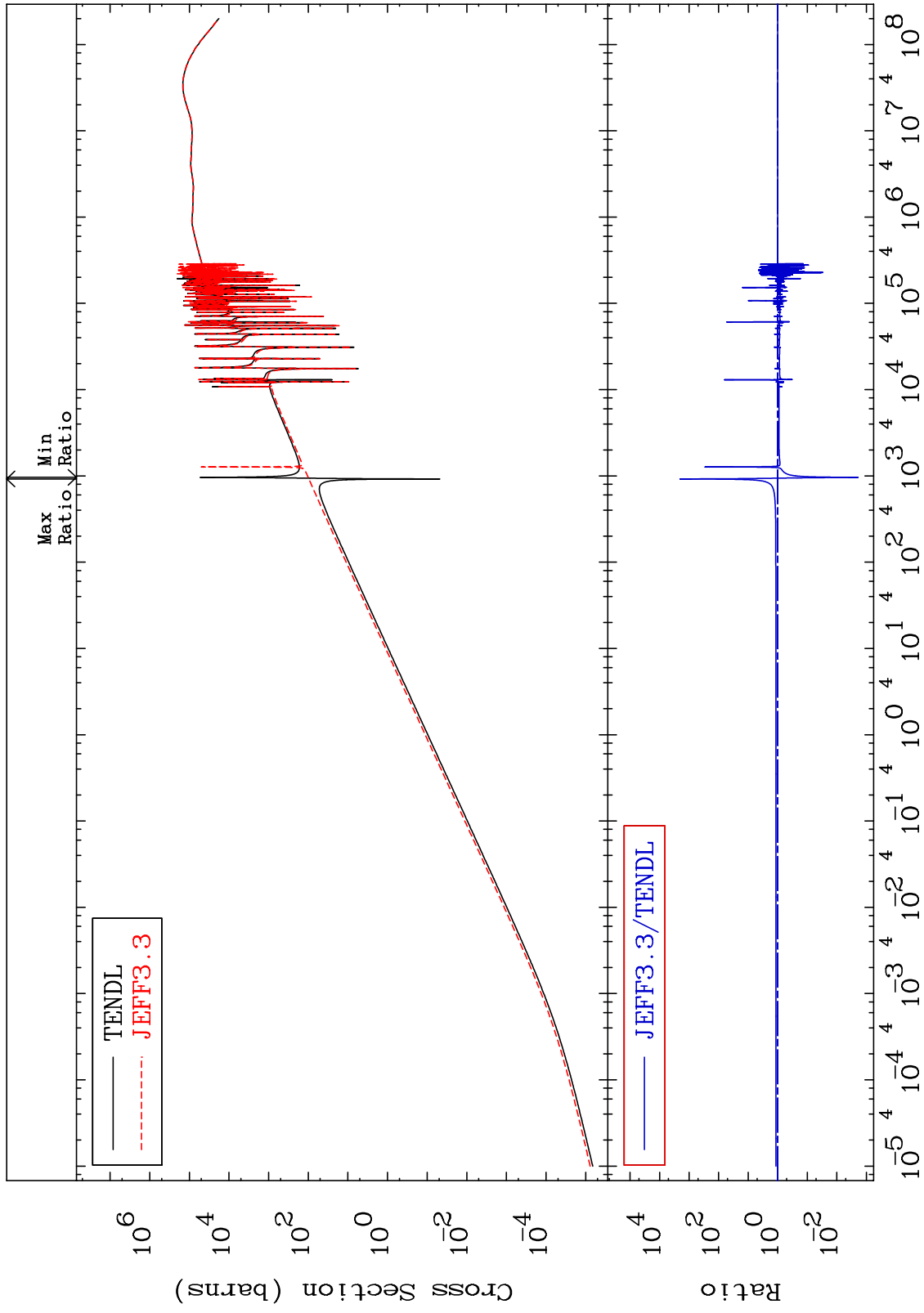
— TENDL  
- - - JEFF3.3

— JEFF3.3/TENDL

MAT 3043

Kerma elastic  
Cross Section

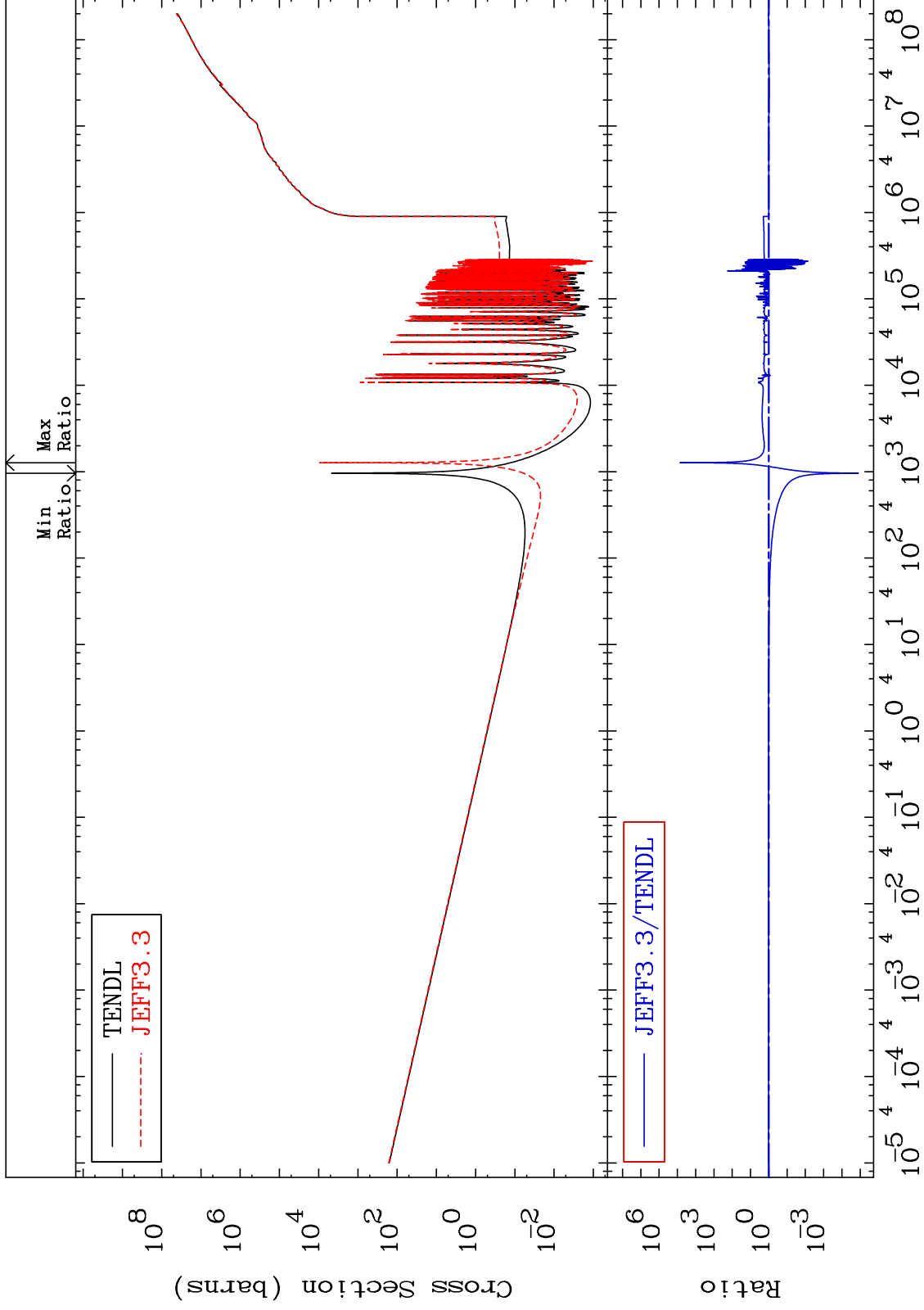
30-Zn-70  
-99.81 To 9999. %



MAT 3043

Kerma non-elastic (all but mt2)  
Cross Section

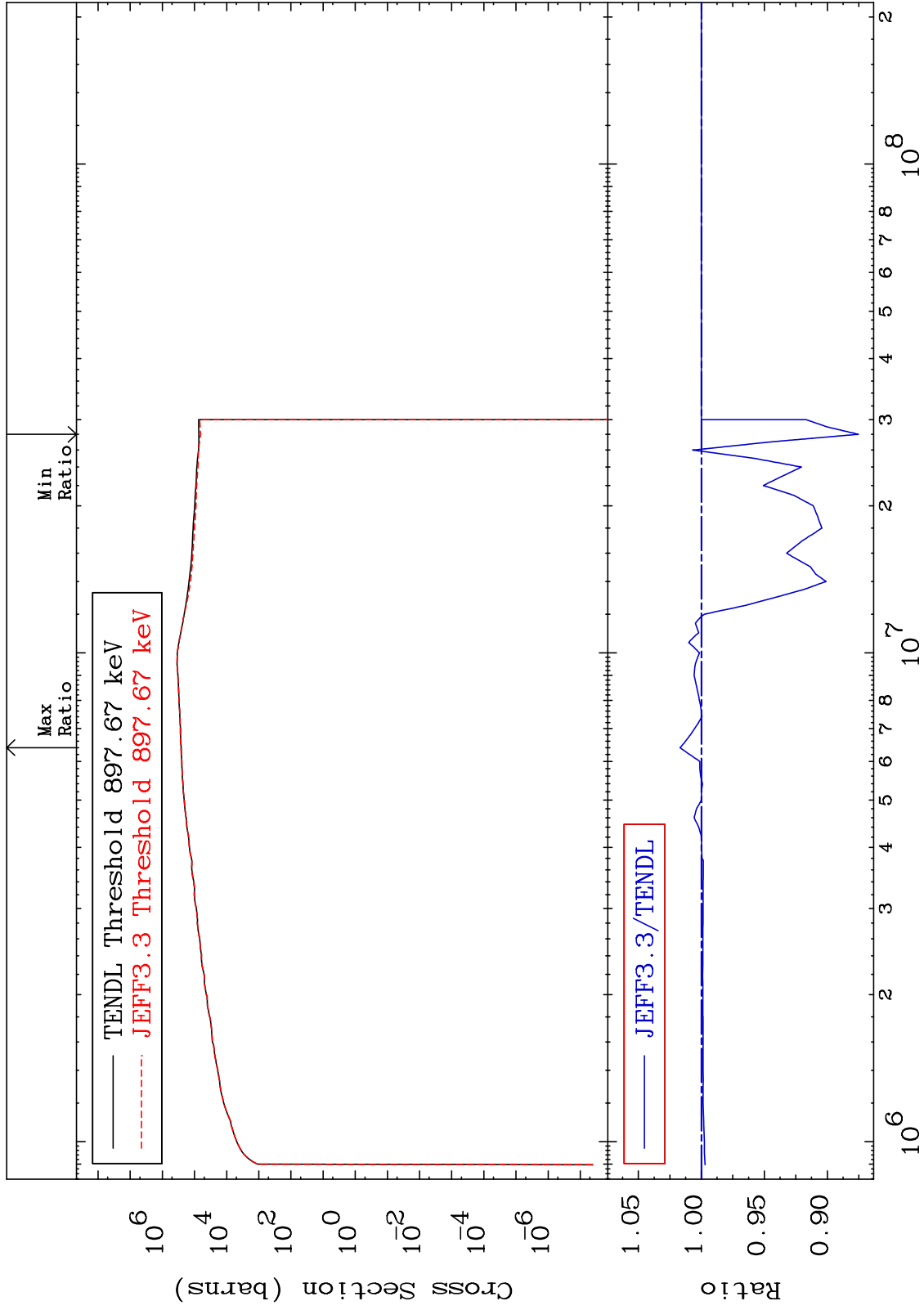
30-Zn-70  
-100.0 To 9999. %



MAT 3043

Kerma inelastic (mt51-91)  
Cross Section

30-Zn-70  
-12.47 To 1.694 %



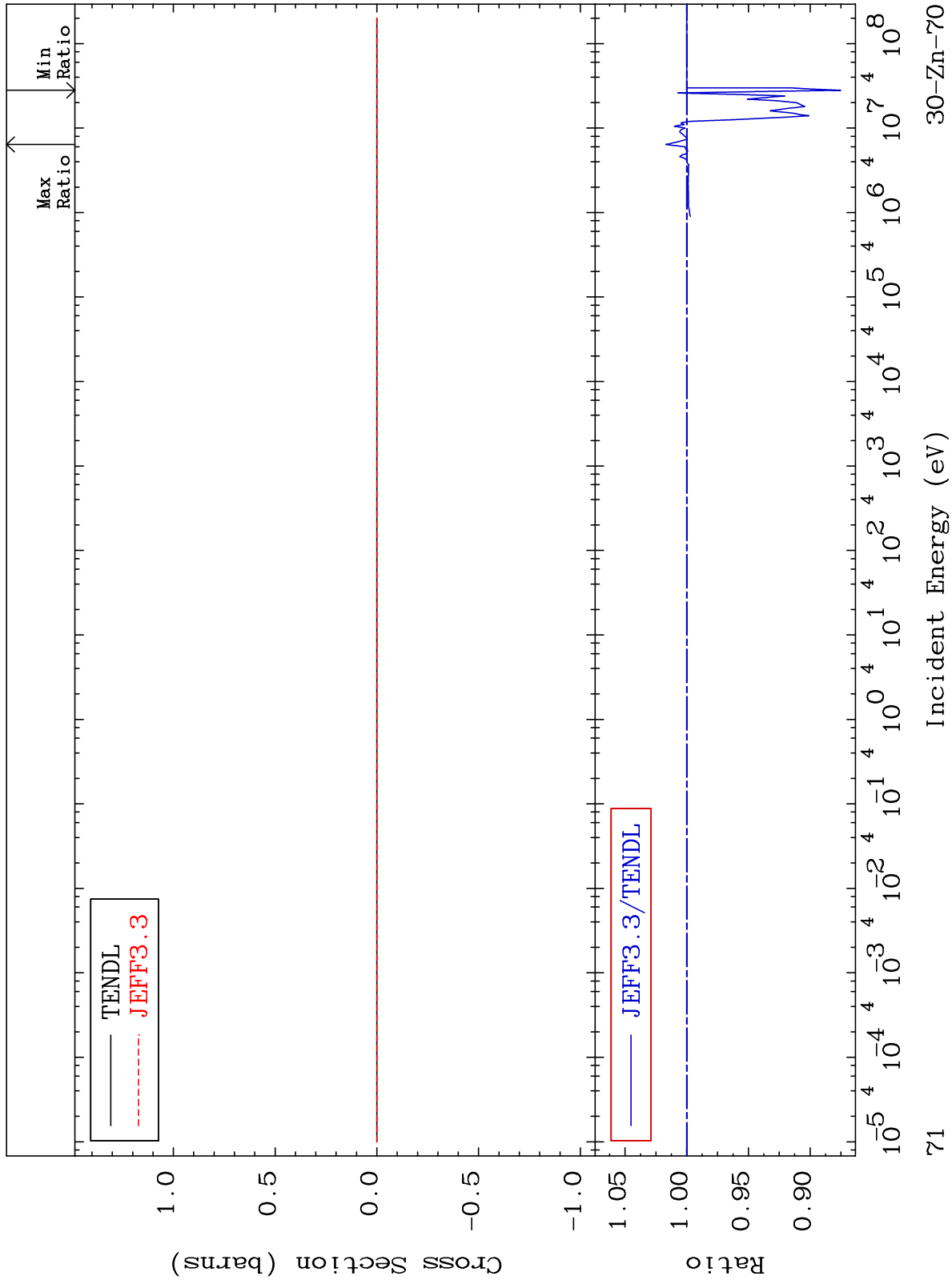
Incident Energy (eV)

30-Zn-70

MAT 3043

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

30-Zn-70  
-12.47 To 1.694 %

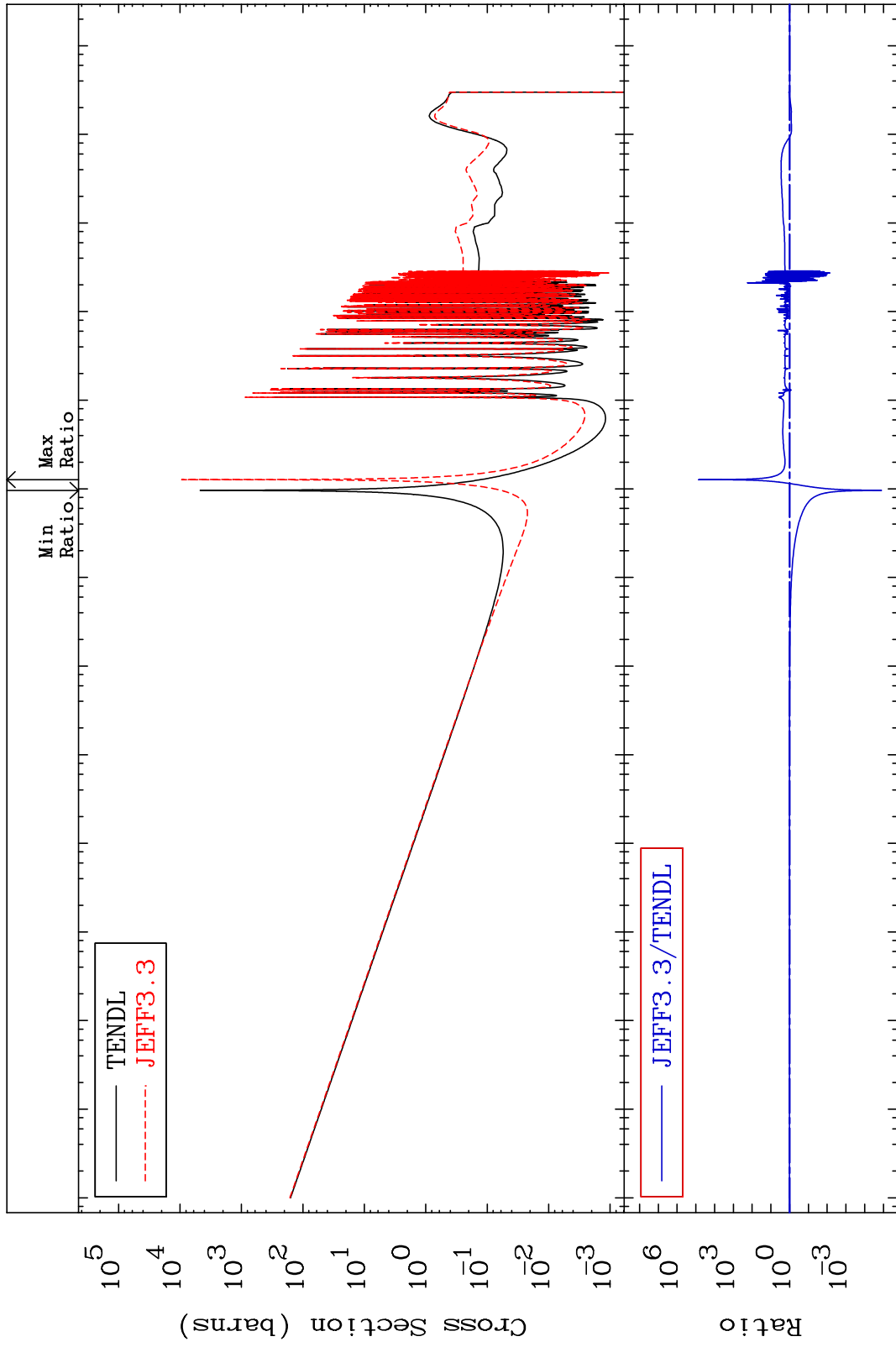




MAT 3043

Kerma capture (mt102)  
Cross Section

30-Zn-70  
-100.0 To 9999. %



72

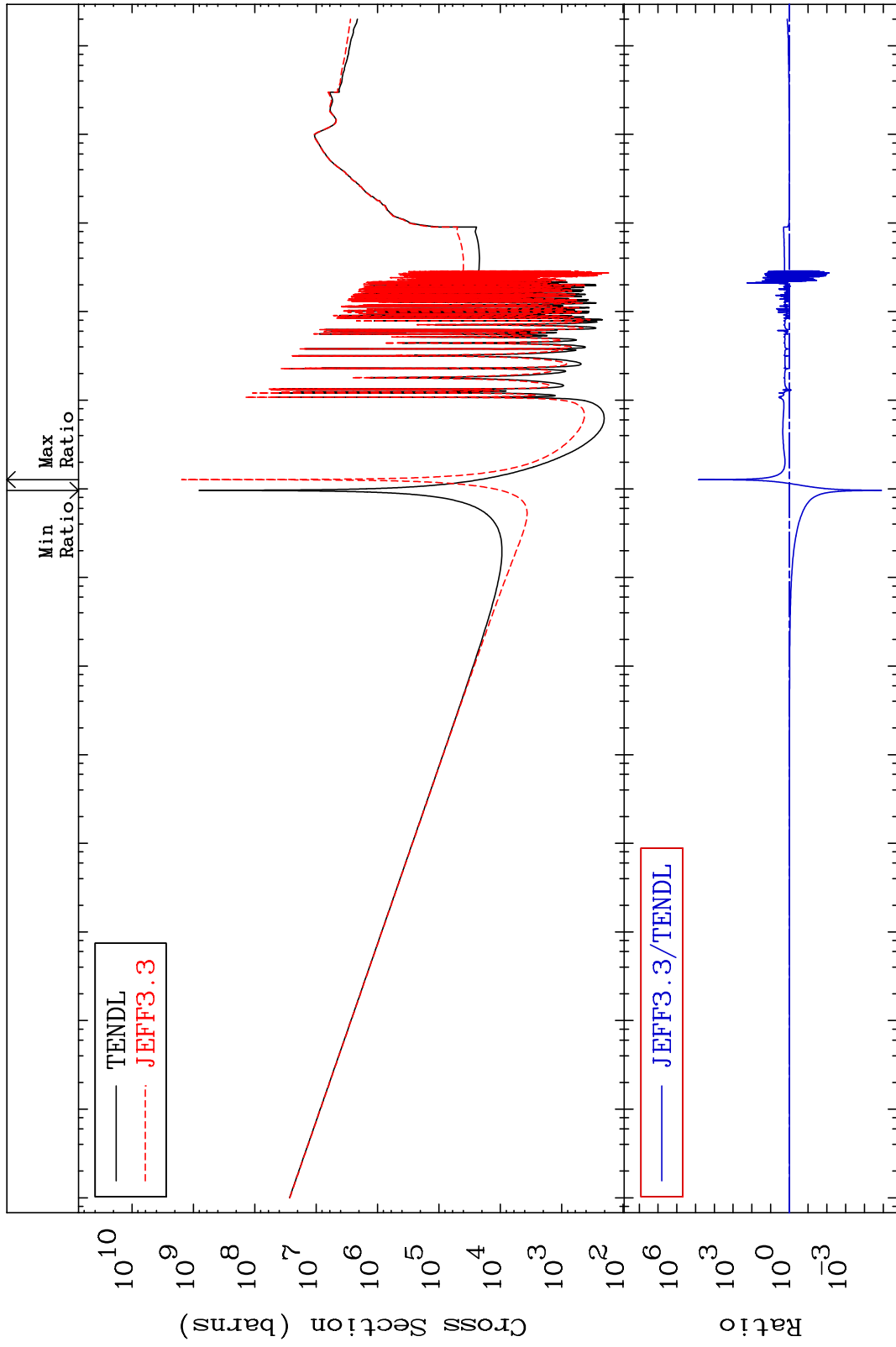
Incident Energy (eV)

30-Zn-70

MAT 3043

Total photon (eV-barns)  
Cross Section

30-Zn-70  
-100.0 To 9999. %



73

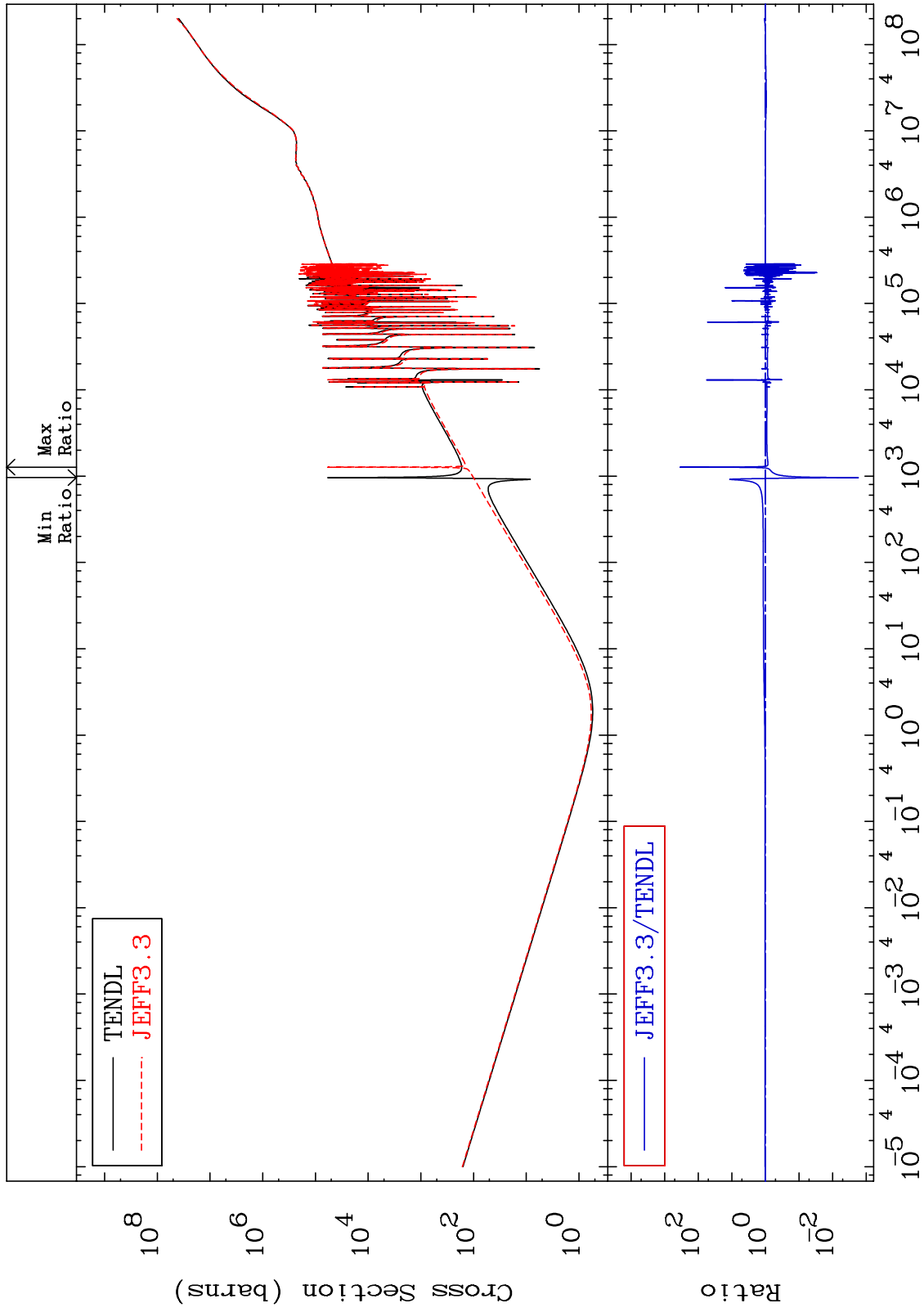
Incident Energy (eV)

30-Zn-70

MAT 3043

Total kinematic kerma (high limit)  
Cross Section

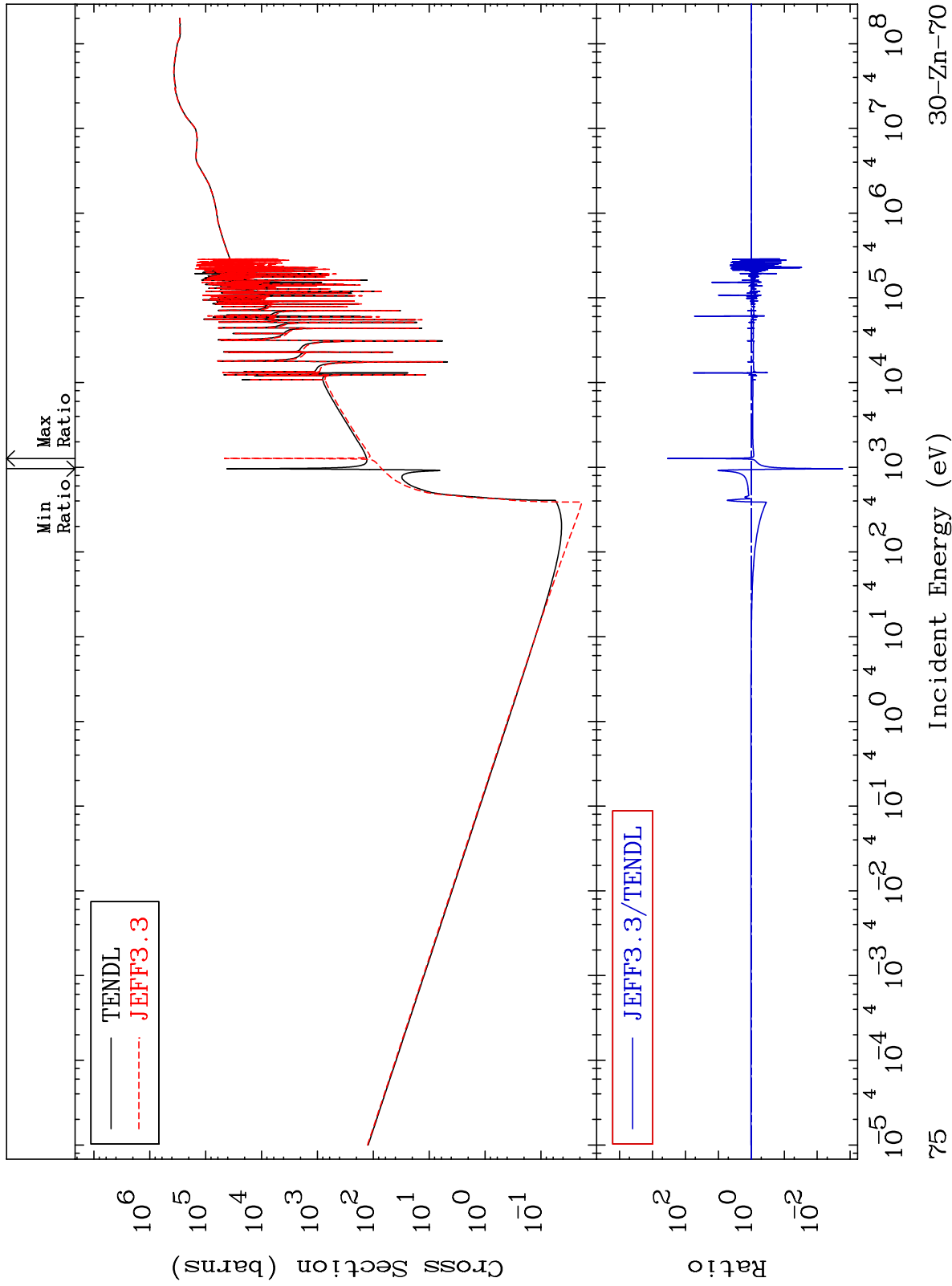
30-Zn-70  
-99.83 To 9999. %



MAT 3043

Dpa total (eV-barns)  
Cross Section

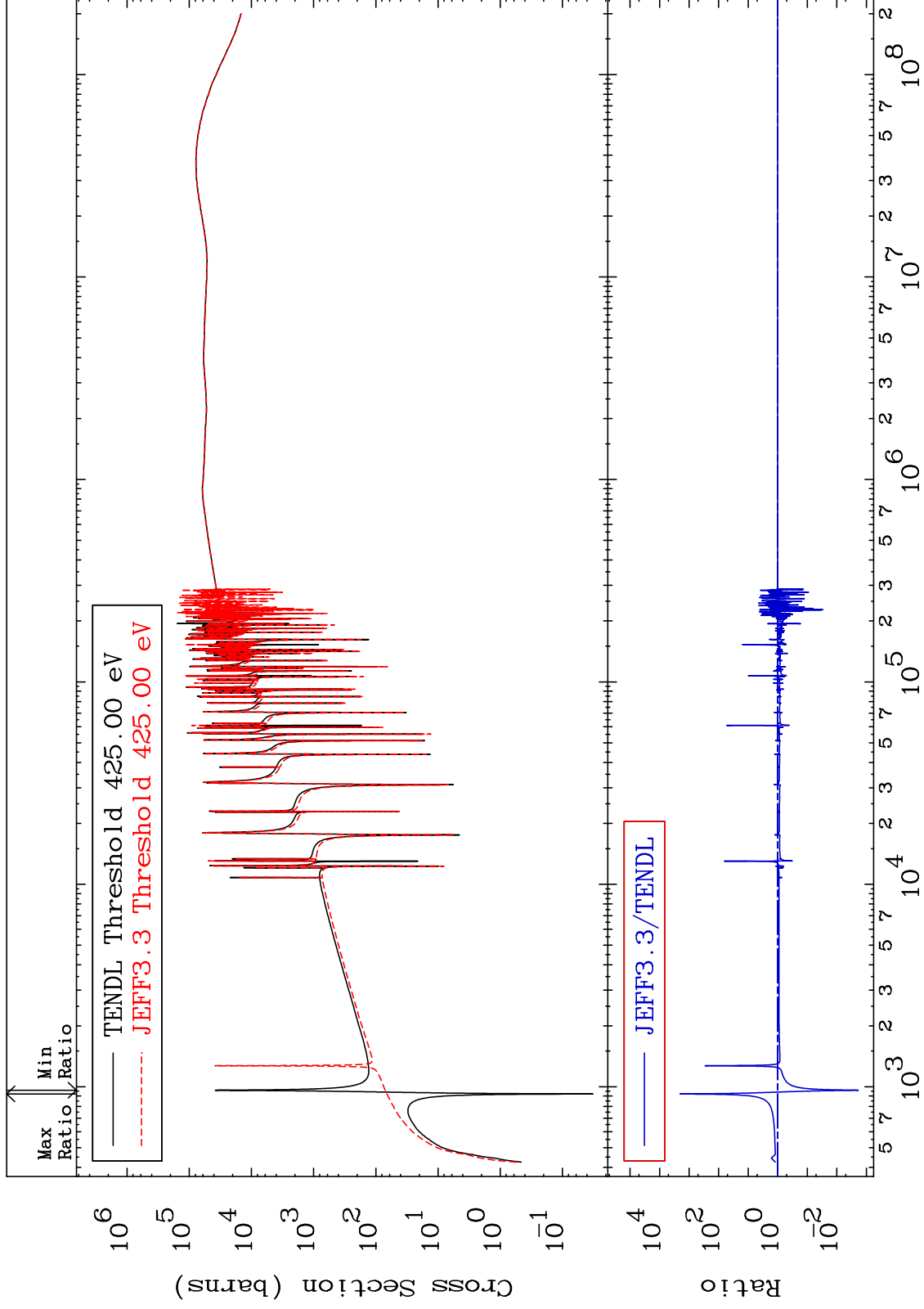
30-Zn-70  
-99.83 To 9999. %



MAT 3043

Dpa elastic (mt2)  
Cross Section

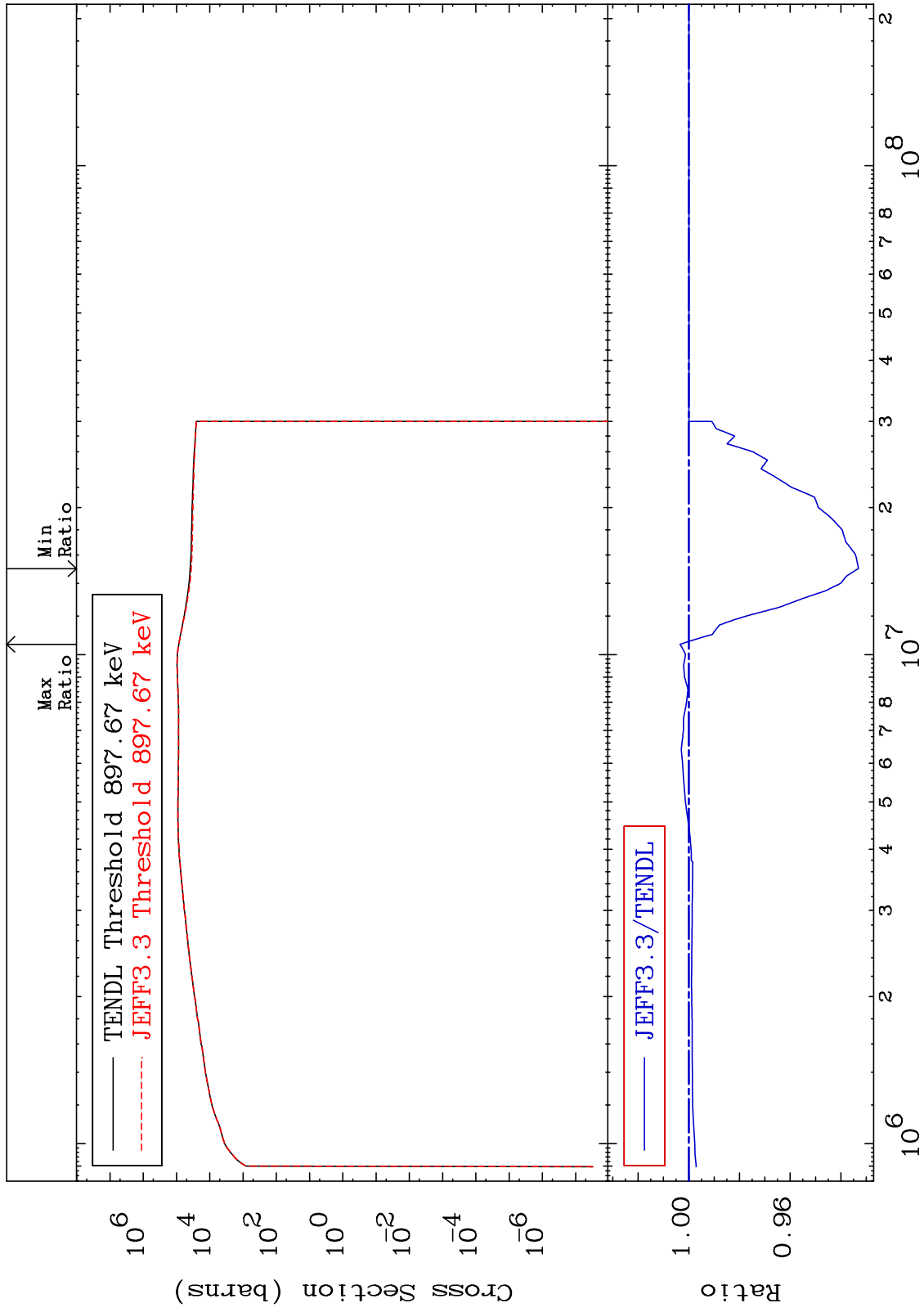
30-Zn-70  
-99.81 To 9999. %



MAT 3043

Dpa inelastic (mt51-91)  
Cross Section

30-Zn-70  
-6.692 To 0.346 %



77

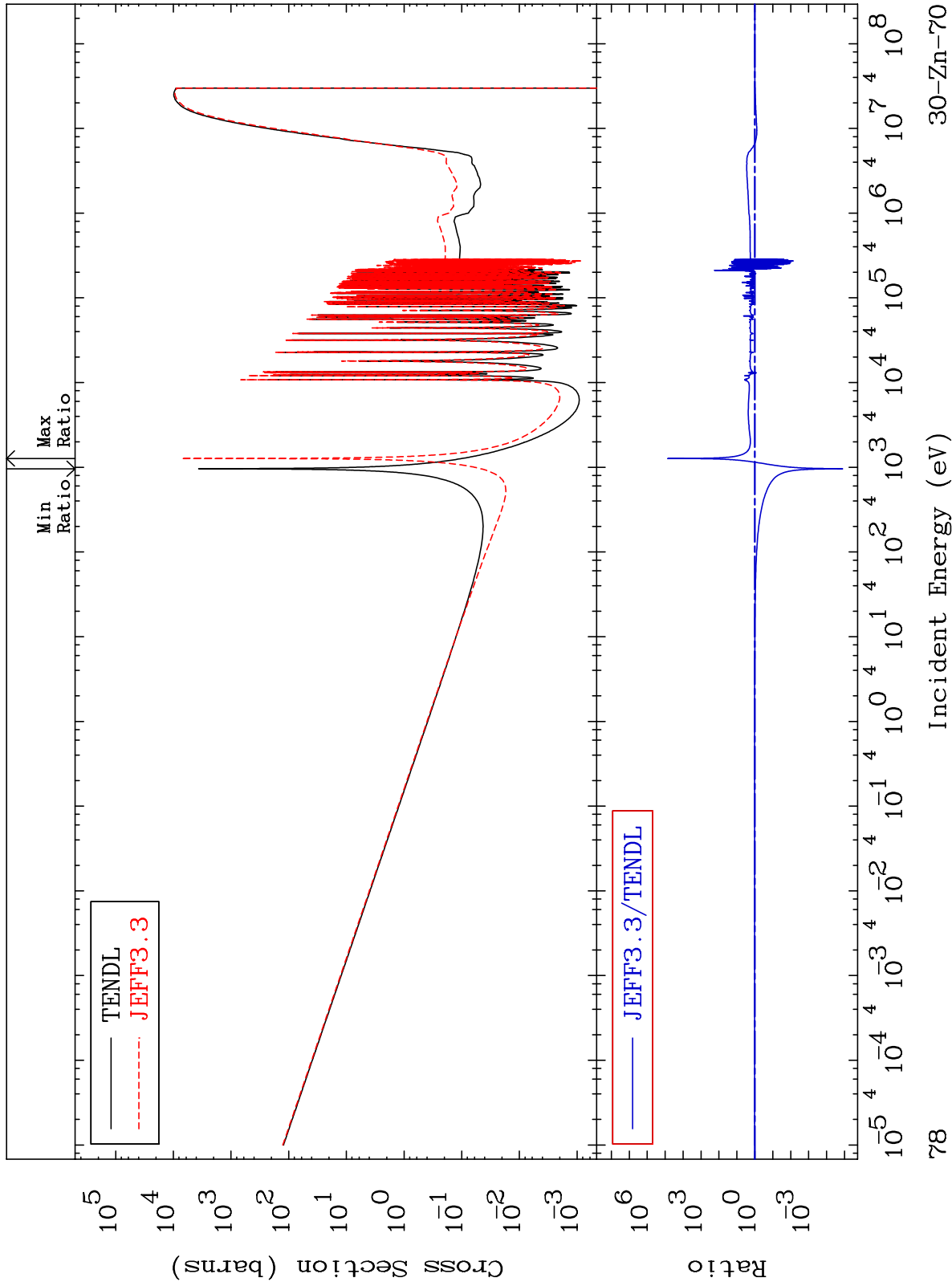
Incident Energy (eV)

30-Zn-70

MAT 3043

Dpa disappearance (mt102 -120)  
Cross Section

30-Zn-70  
-100.0 To 9999. %

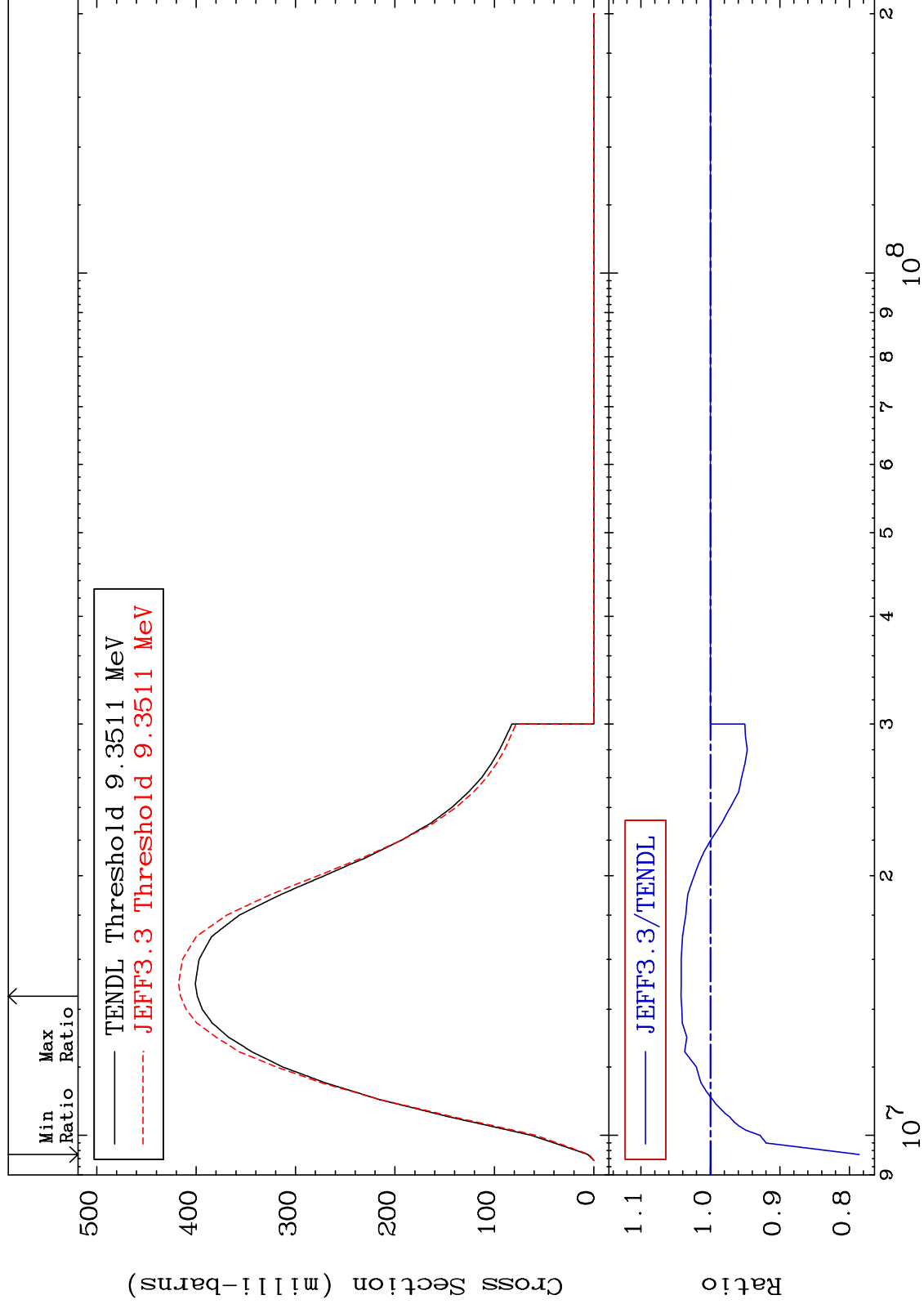


MAT 3043

(n,2n):30-Zn-69g

30-Zn-70

Radionuclide Production Cross Section -21.41 To 4.228 %



Incident Energy (eV)

30-Zn-70

79

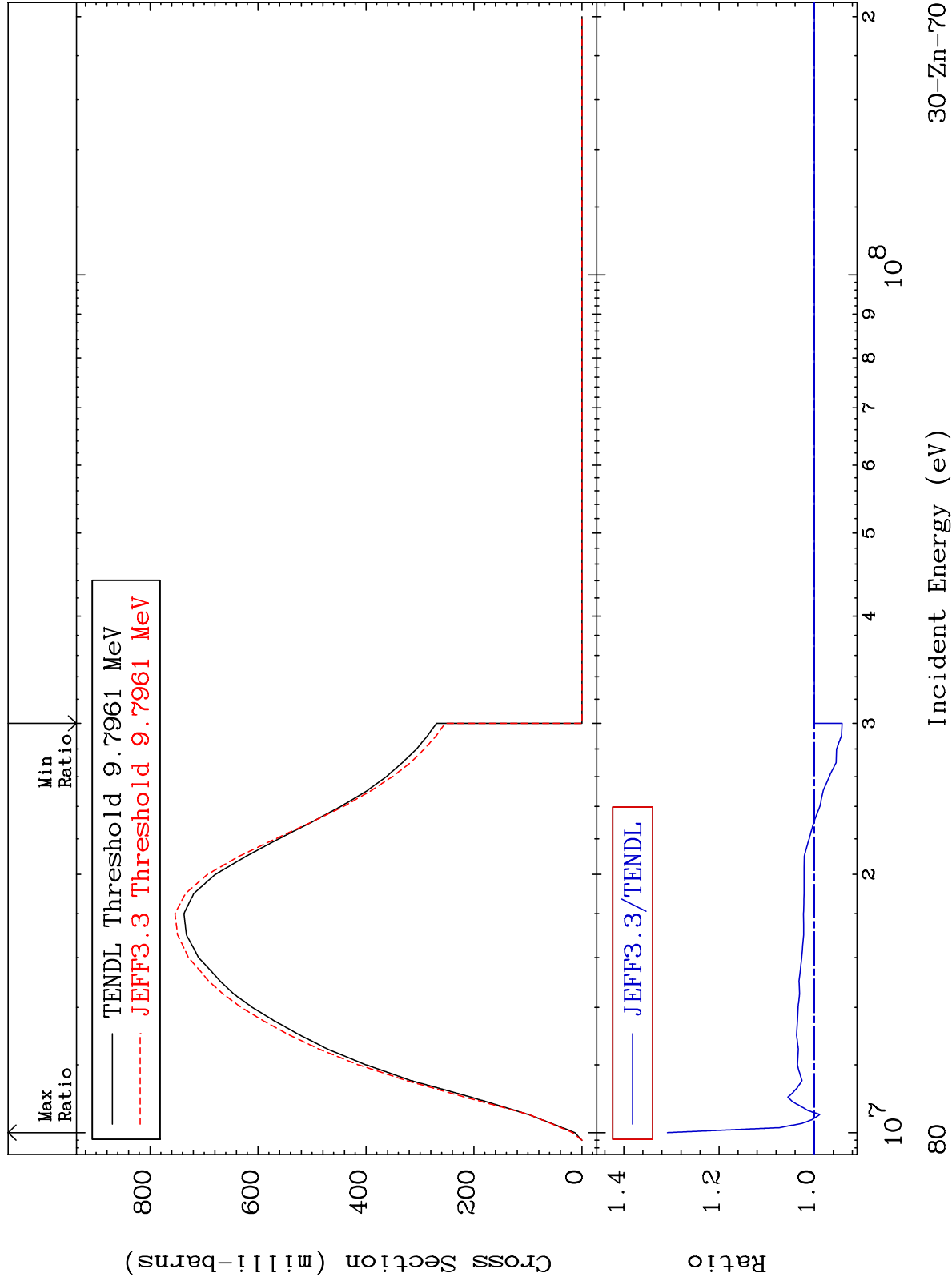


MAT 3043

(n,2n):30-Zn-69m1

30-Zn-70

Radionuclide Production Cross Section -5.862 To 30.84 %

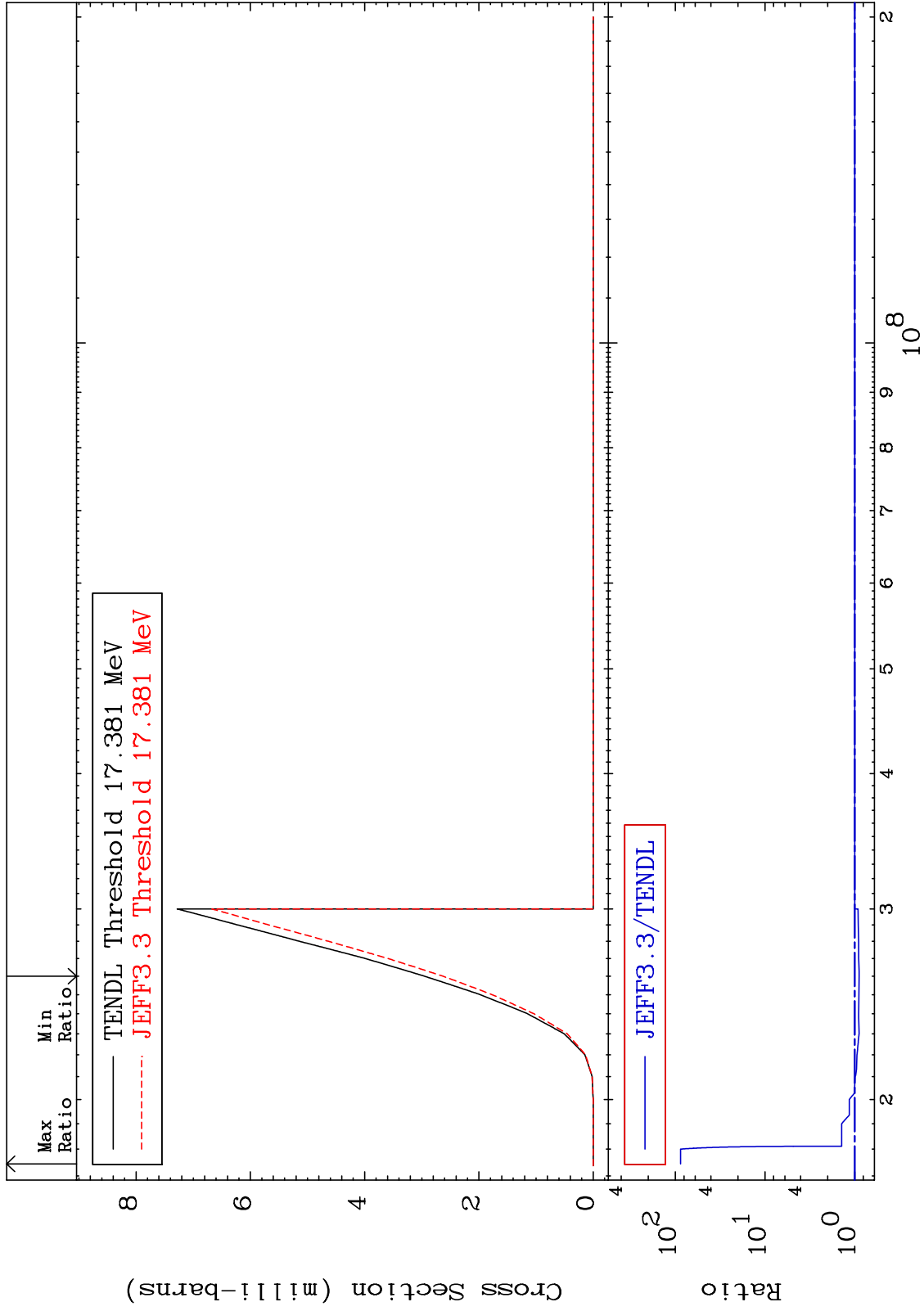


MAT 3043

(n, n') d:29-Cu-68g

30-Zn-70

Radionuclide Production Cross Section -10.93 To 8617. %

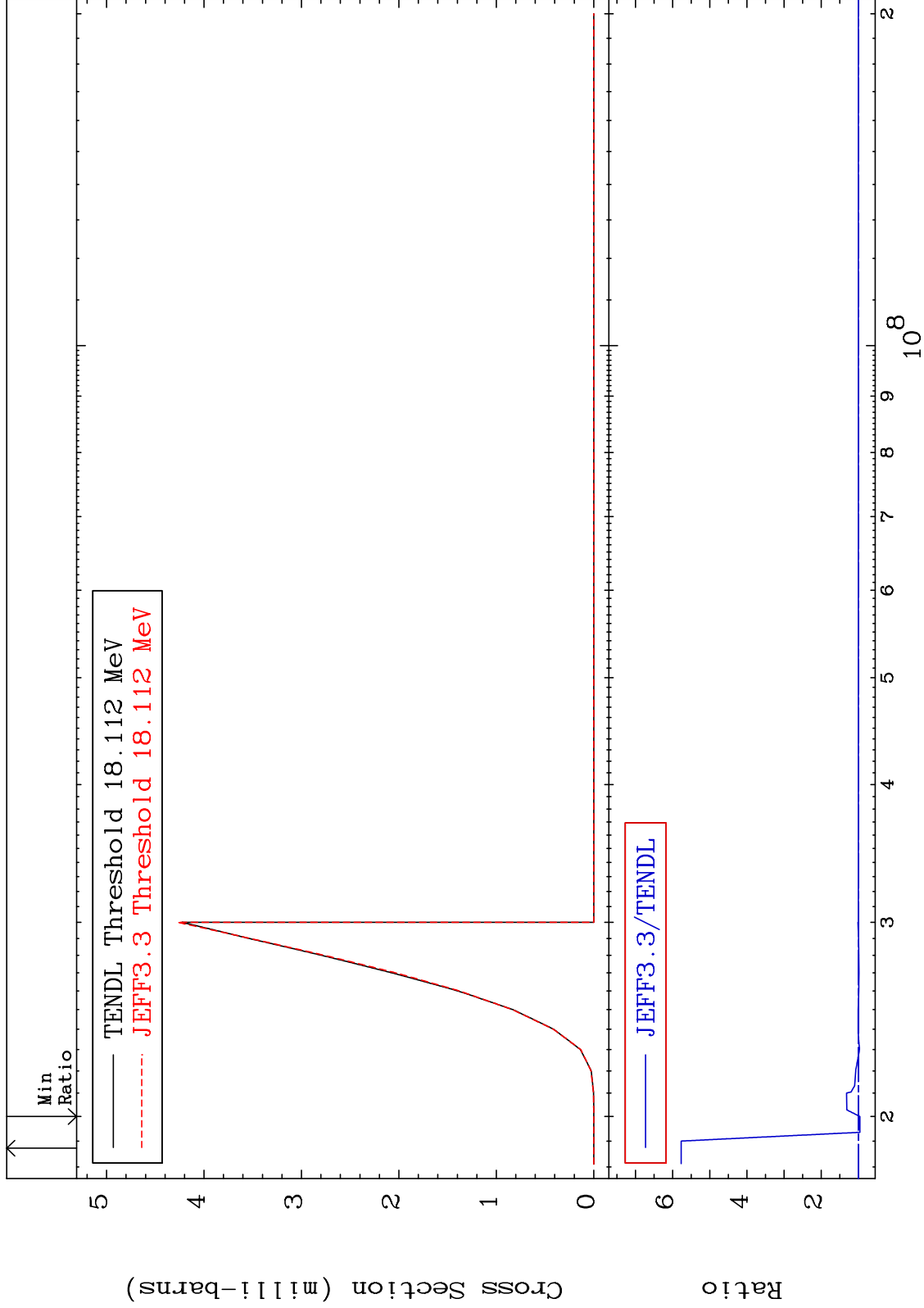


MAT 3043

(n, n') d:29-Cu-68m3

30-Zn-70

Radionuclide Production Cross Section -4.206 To 476.7 %

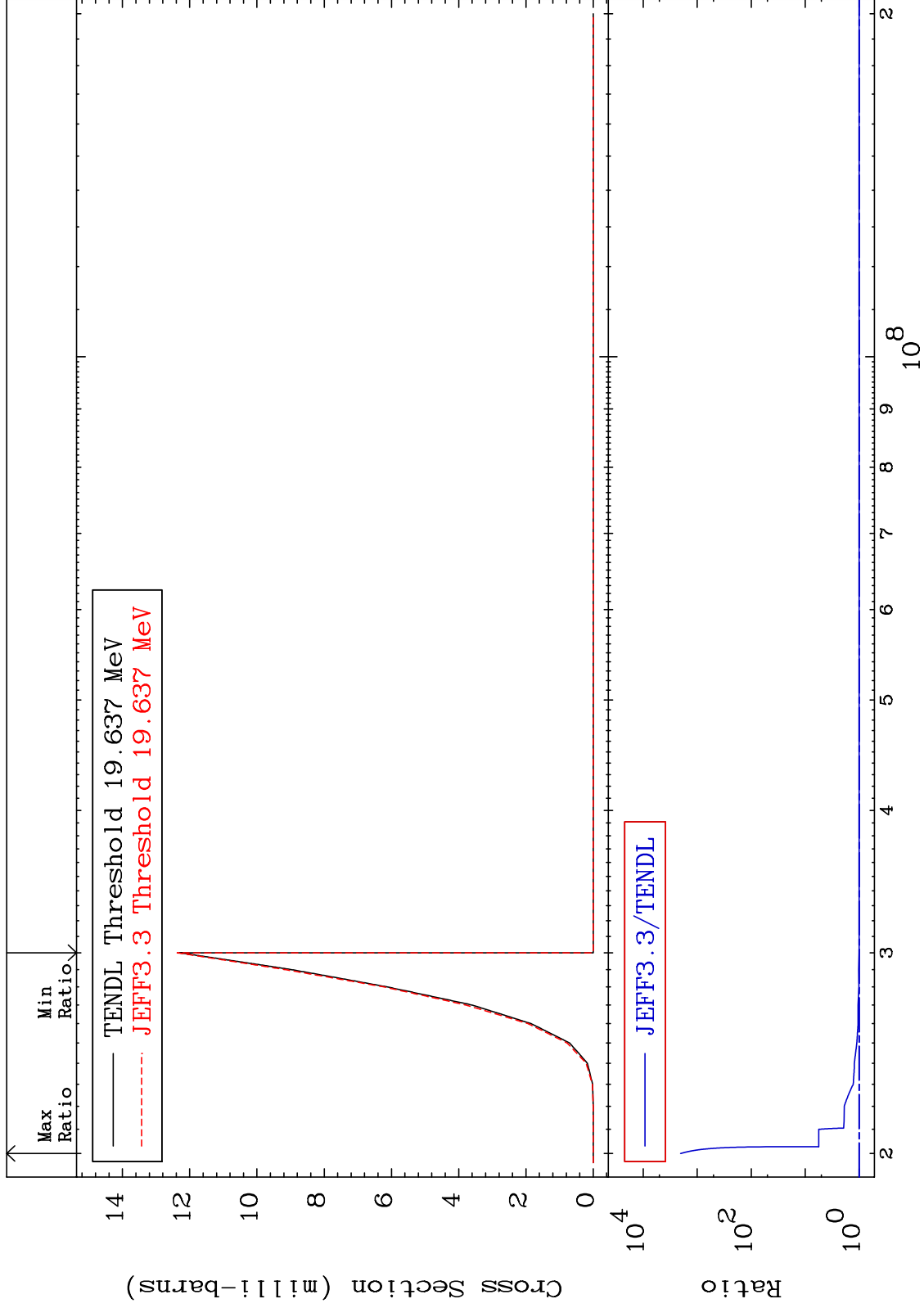


MAT 3043

(n,2n) p:29-Cu-68g

30-Zn-70

Radionuclide Production Cross Section 0.000 To 9999. %

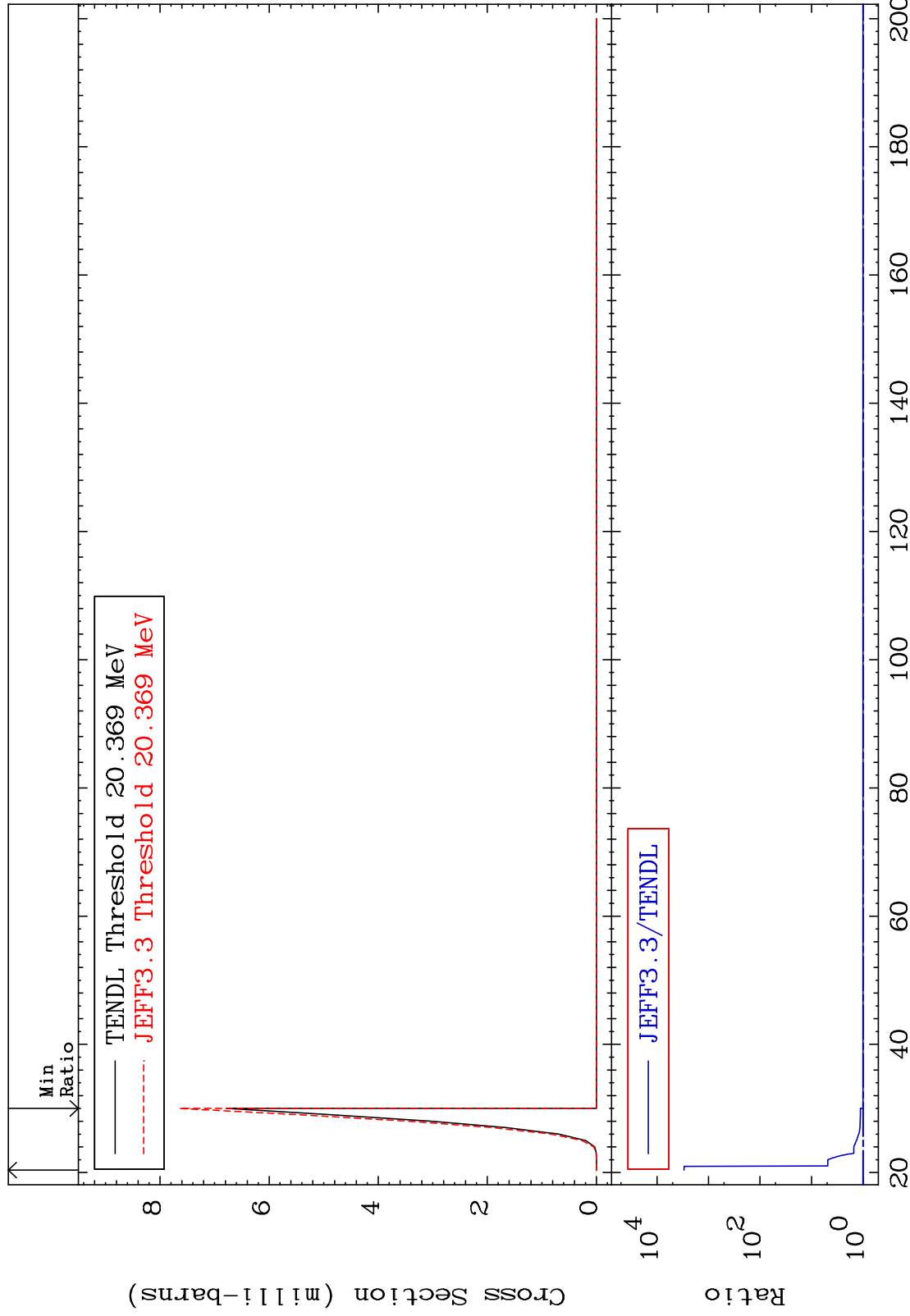


MAT 3043

(n,2n) p:29-Cu-68m3

30-Zn-70

Radionuclide Production Cross Section 0.000 To 9999. %



84

Incident Energy (MeV)

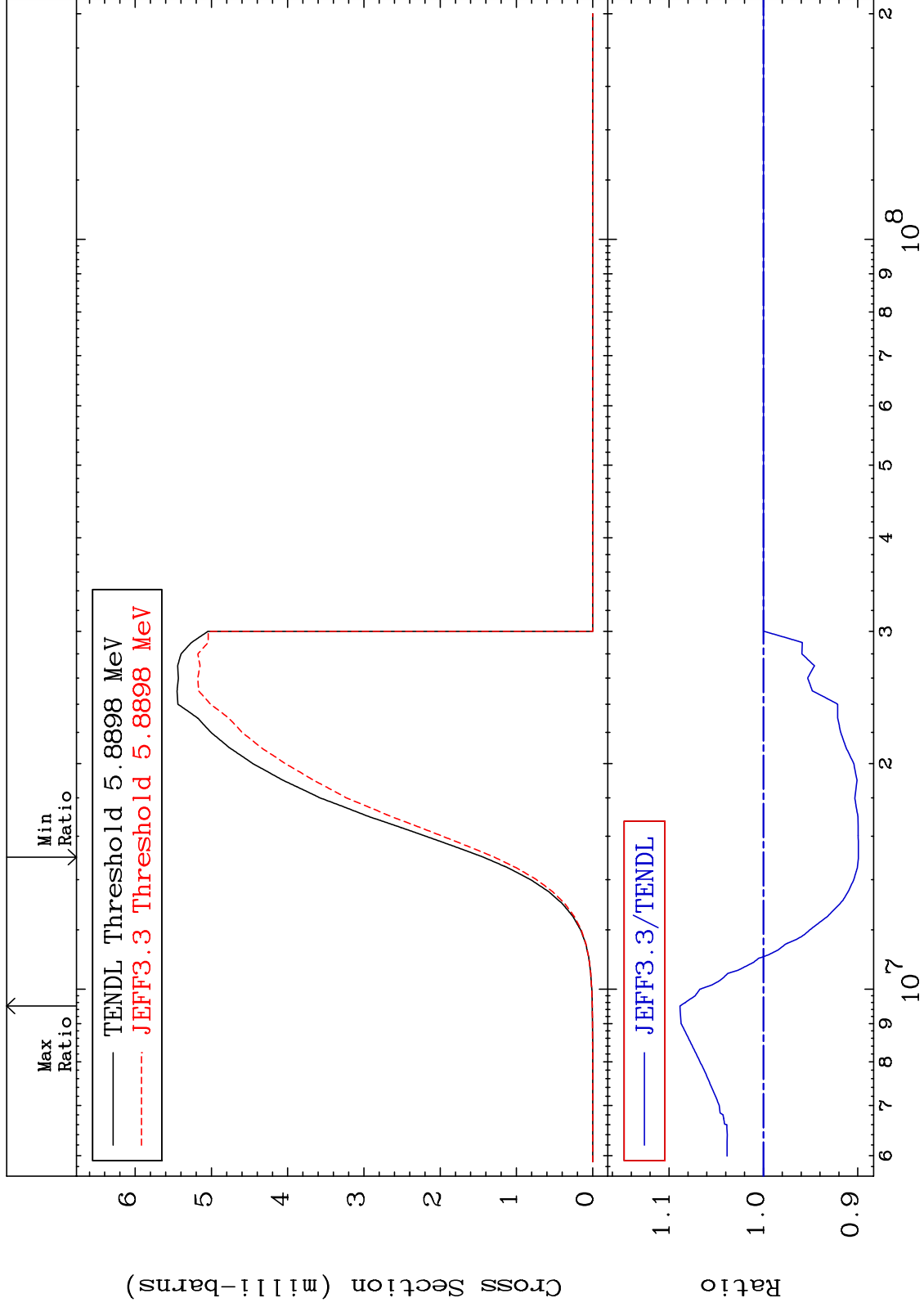
30-Zn-70

MAT 3043

(n, p) : 29-Cu-70g

30-Zn-70

Radionuclide Production Cross Section -10.06 To 8.838 %



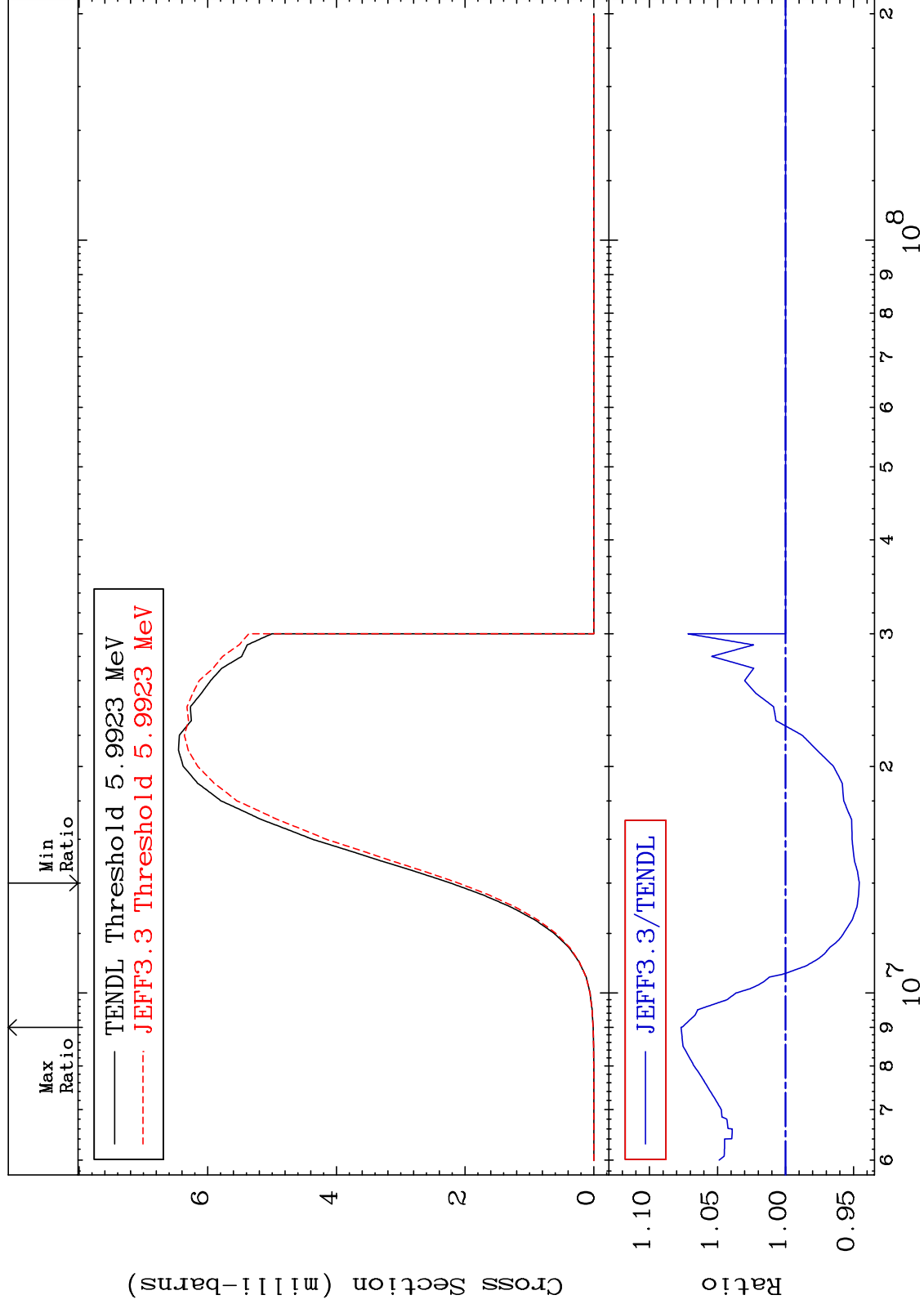
MAT 3043

(n,p):29-Cu-70m1

30-Zn-70

Radionuclide Production Cross Section

-5.427 To 7.679 %

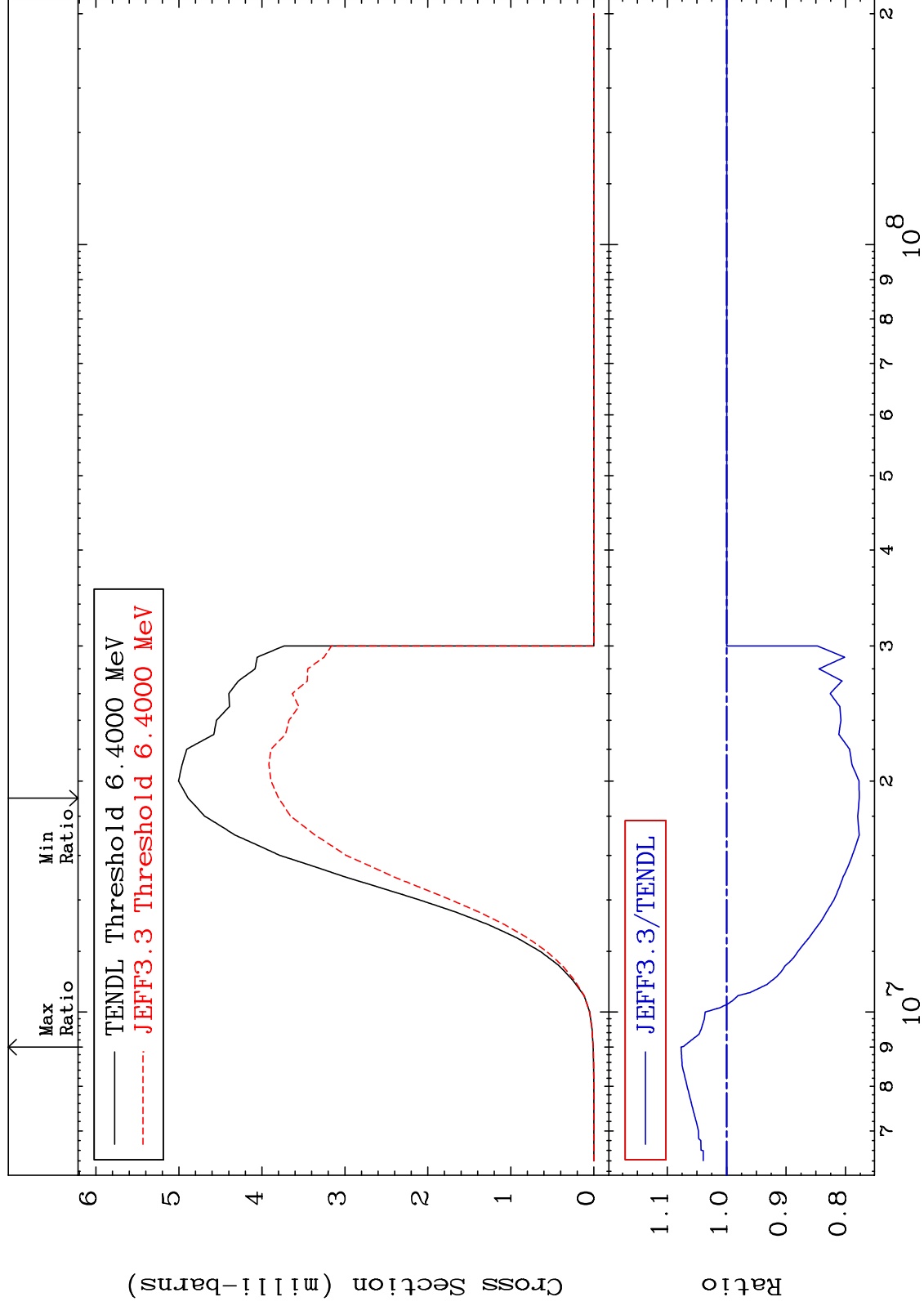


MAT 3043

(n, p):29-Cu-70m3

30-Zn-70

Radionuclide Production Cross Section -22.31 To 7.674 %



87

Incident Energy (eV)

30-Zn-70

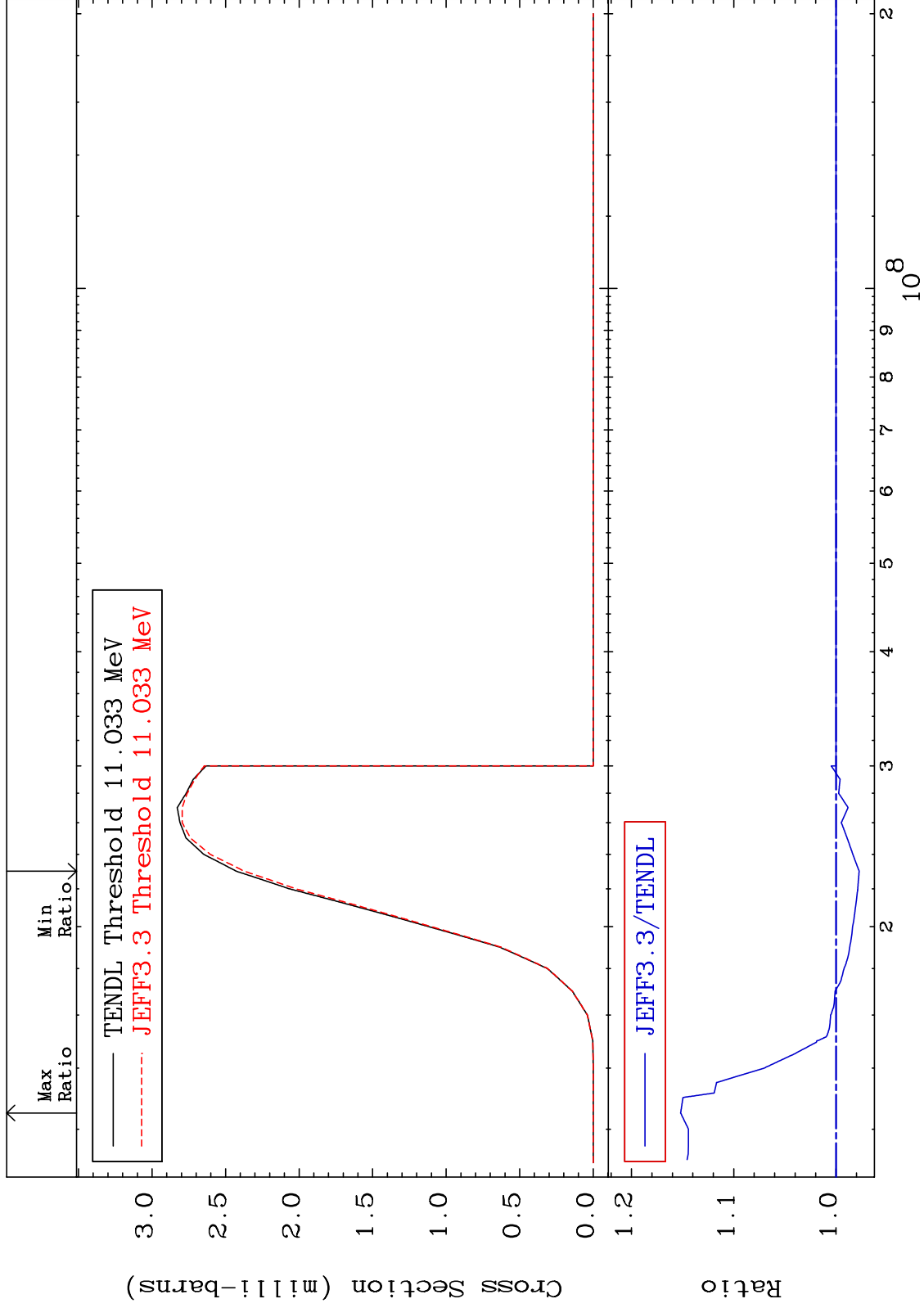


MAT 3043

(n, t) : 29-Cu-68g

30-Zn-70

Radionuclide Production Cross Section -2.262 To 15.20 %



MAT 3043

(n, t):29-Cu-68m3

30-Zn-70

Radionuclide Production Cross Section 0.000 To 12.27 %

