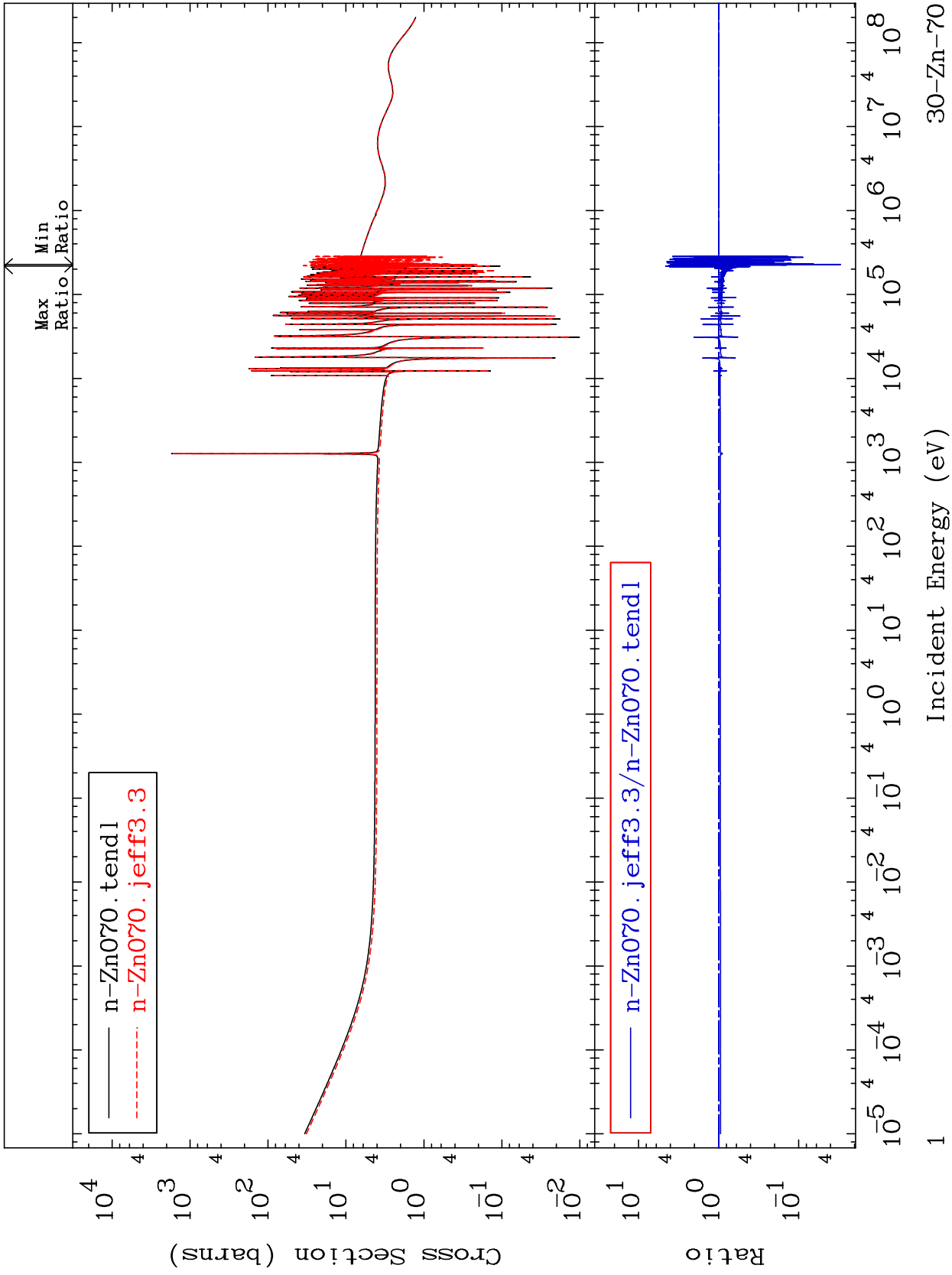


MAT 3043

Total
Cross Section

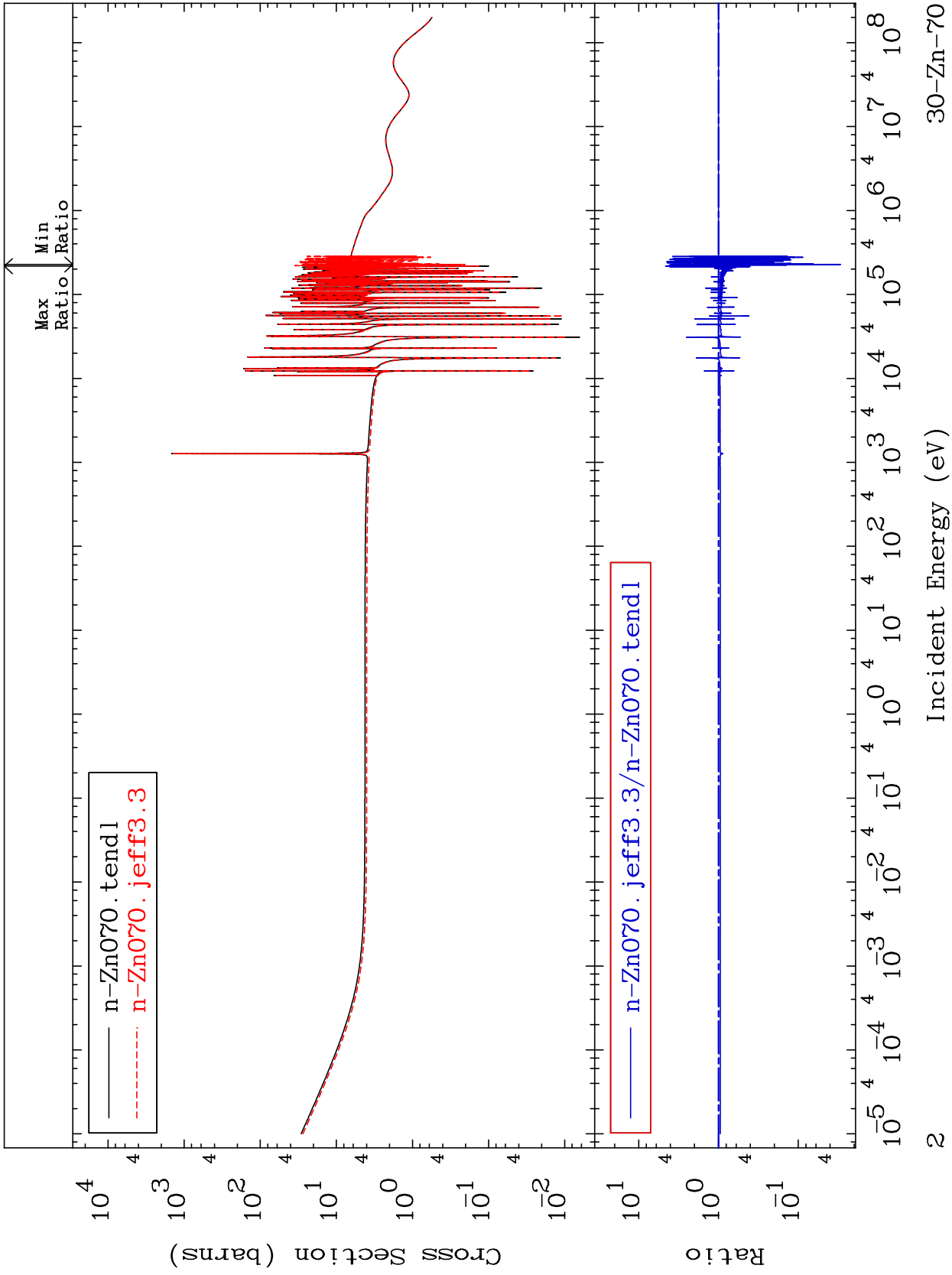
30-Zn-70
-97.01 To 360.6 %



MAT 3043

Elastic
Cross Section

30-Zn-70
-97.05 To 361.0 %



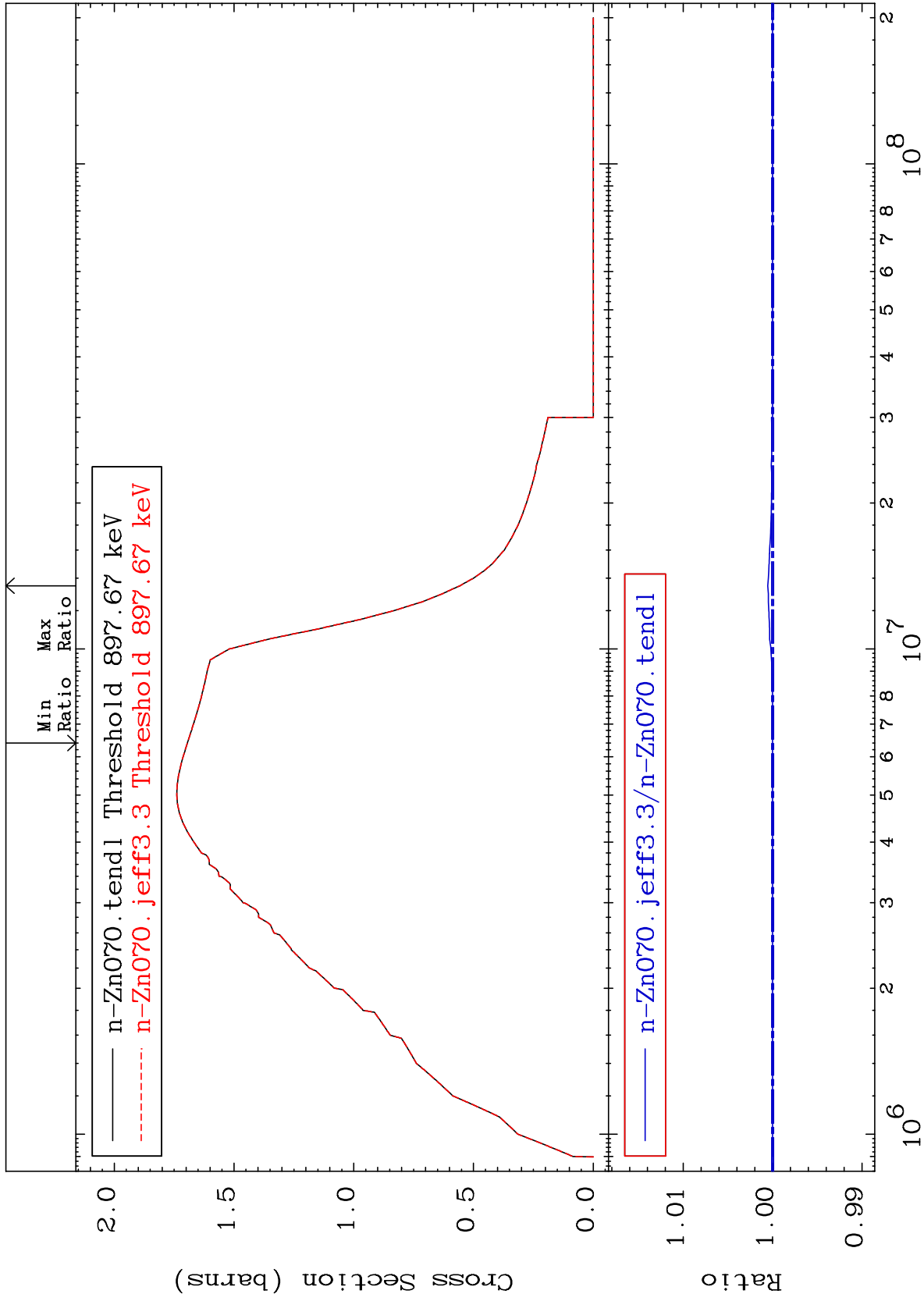
Incident Energy (eV)

30-Zn-70

2

MAT 3043

Inelastic Cross Section
0.000 To 0.055 %
30-Zn-70



Incident Energy (eV)

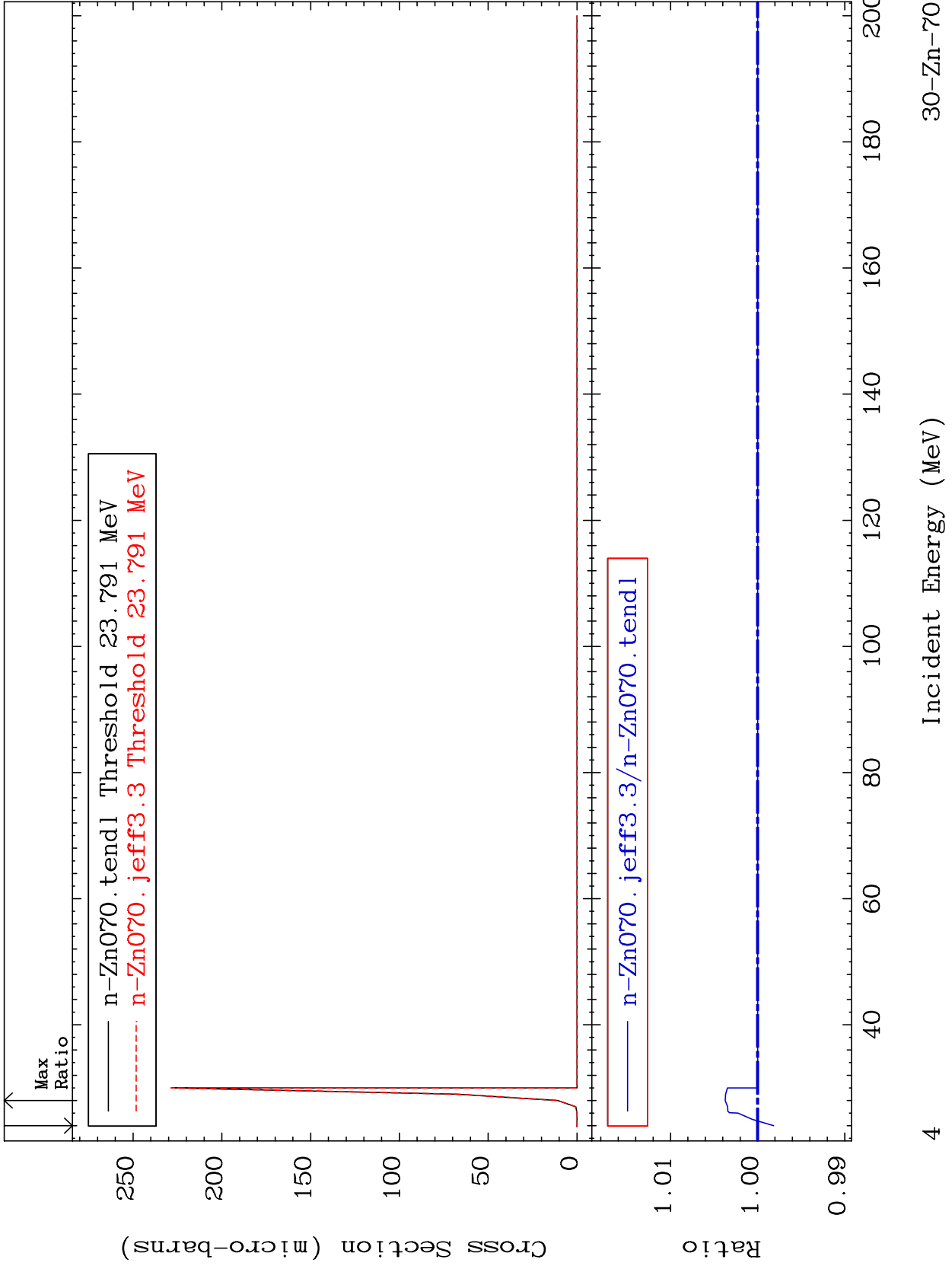
30-Zn-70

3

MAT 3043

(n,2n) d
Cross Section

30-Zn-70
-0.185 To 0.372 %



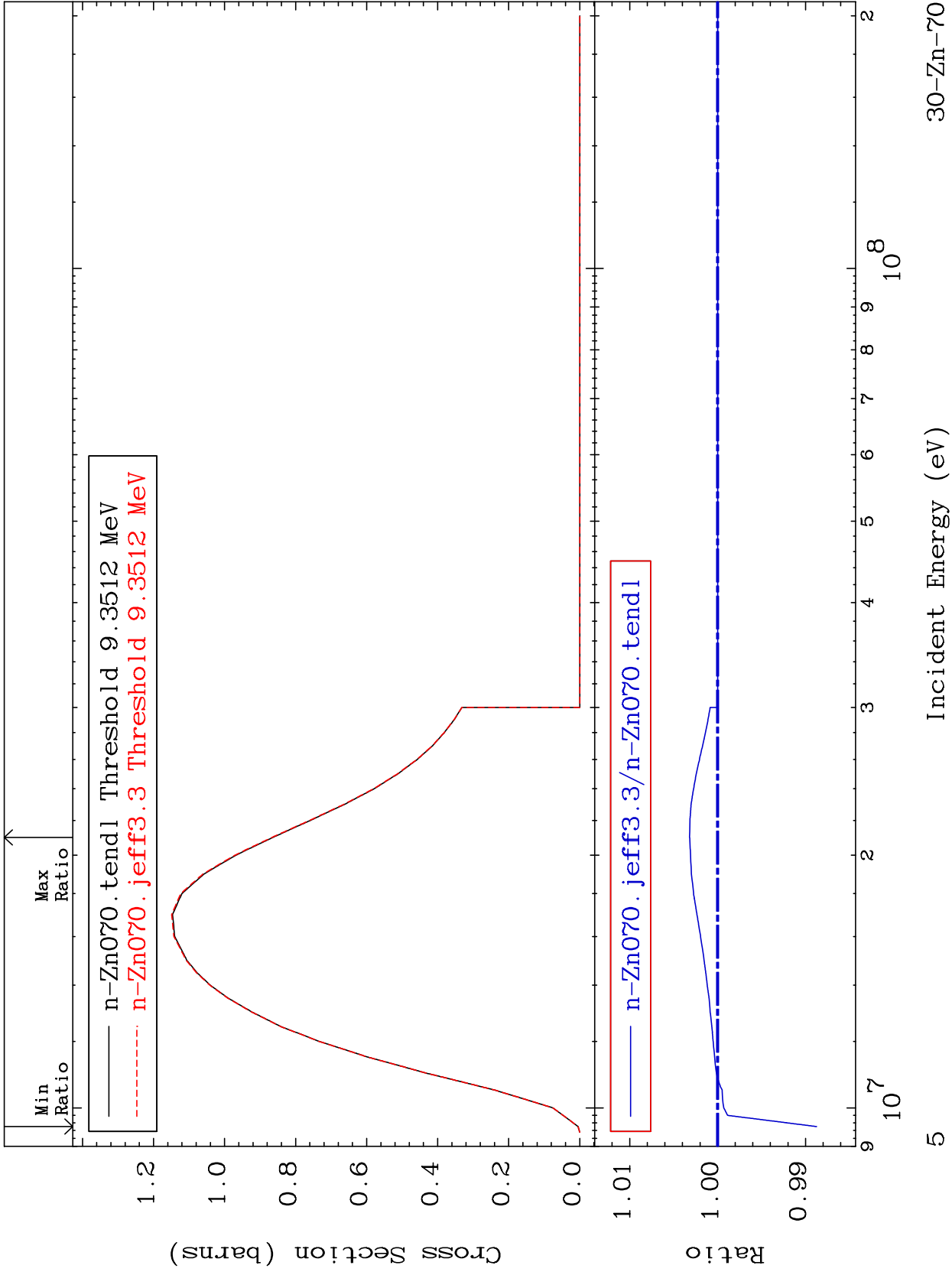
MAT 3043

(n,2n)

30-Zn-70

Cross Section

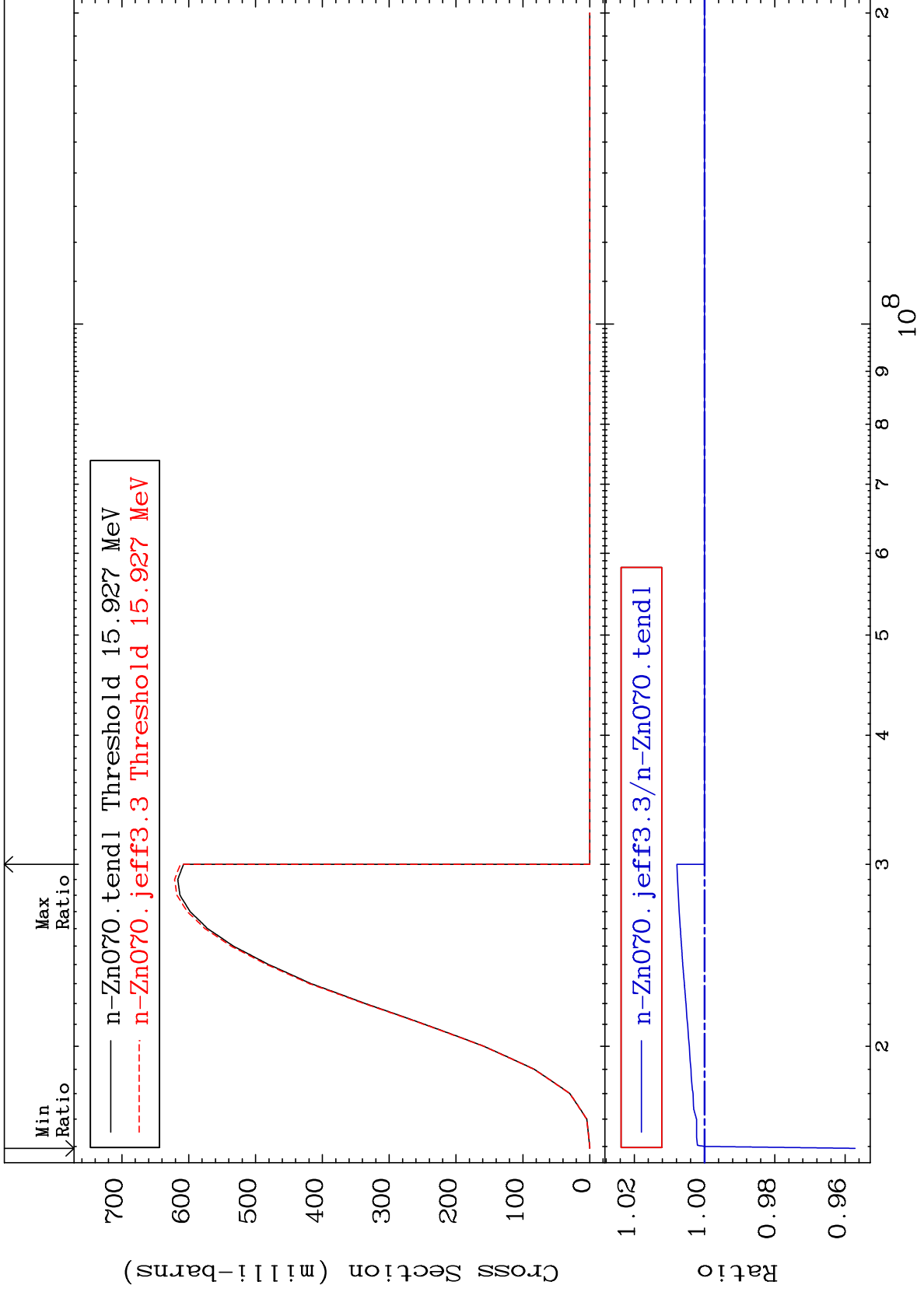
-1.125 To 0.319 %



MAT 3043

(n,3n)
Cross Section

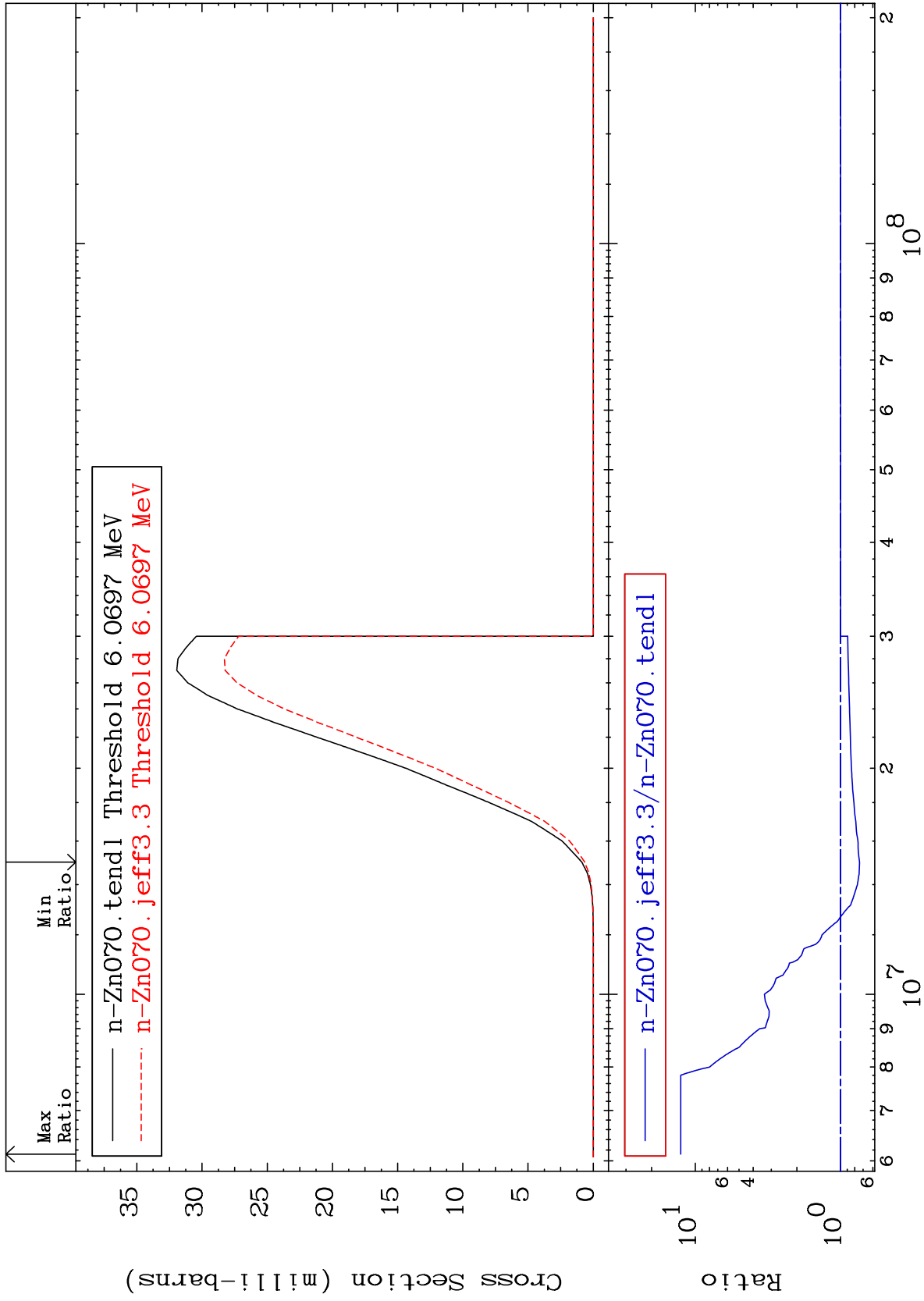
30-Zn-70
-4.285 To 0.786 %



MAT 3043

(n, n') α
Cross Section

30-Zn-70
-25.92 To 1160. %



7

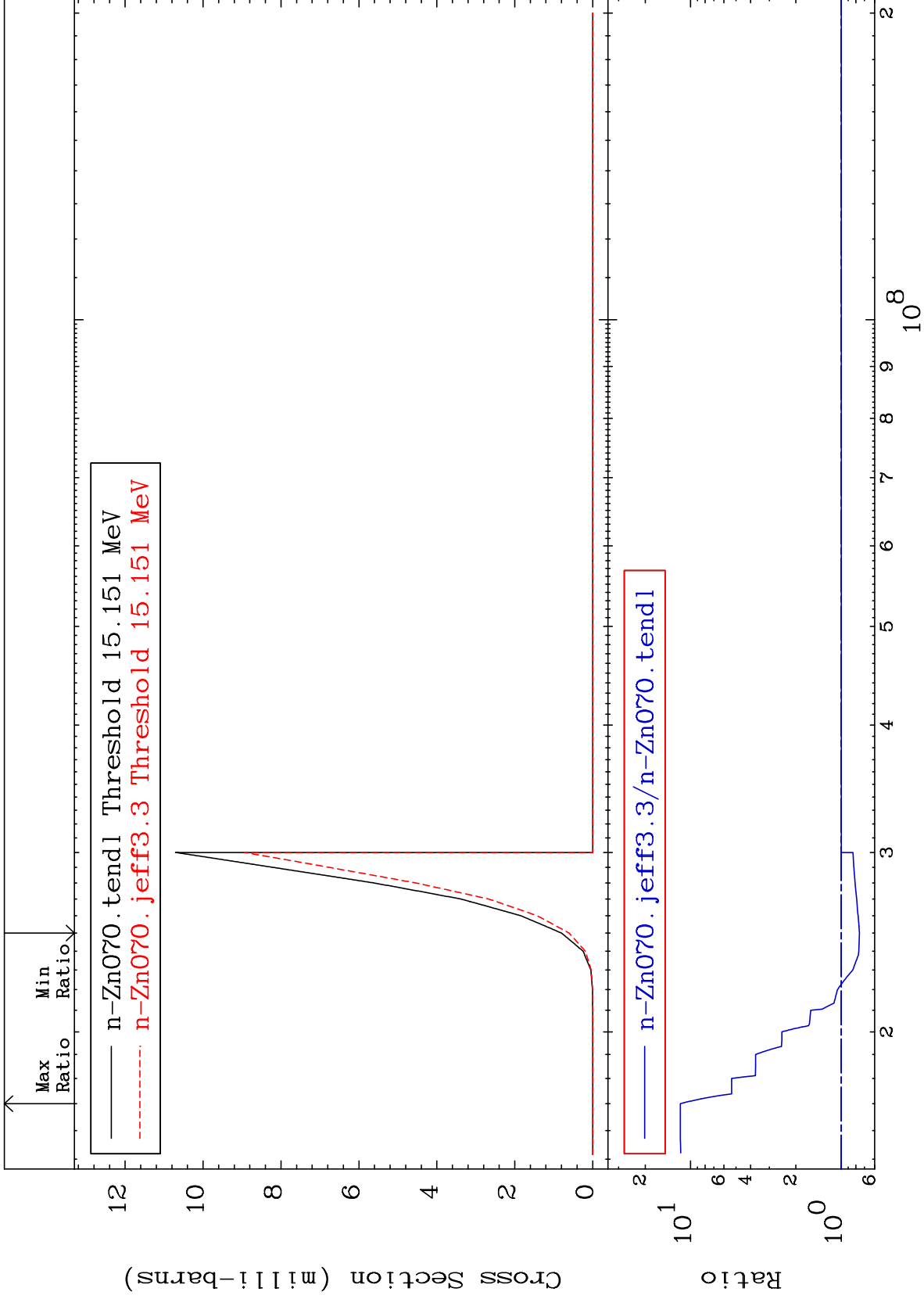
Incident Energy (eV)

30-Zn-70

MAT 3043

(n,2n) α
Cross Section

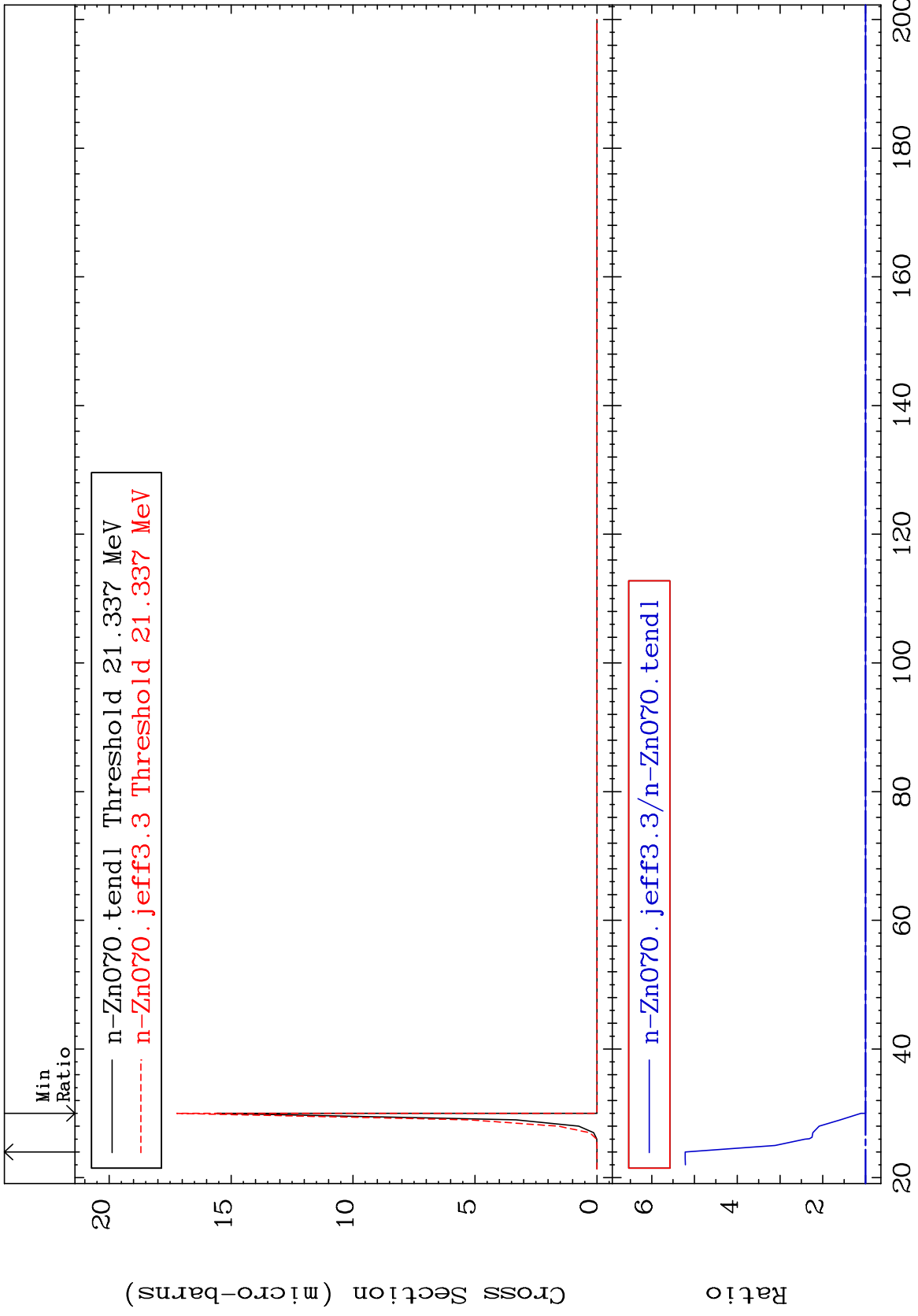
30-Zn-70
-24.33 To 1068. %



MAT 3043

(n,3n) α
Cross Section

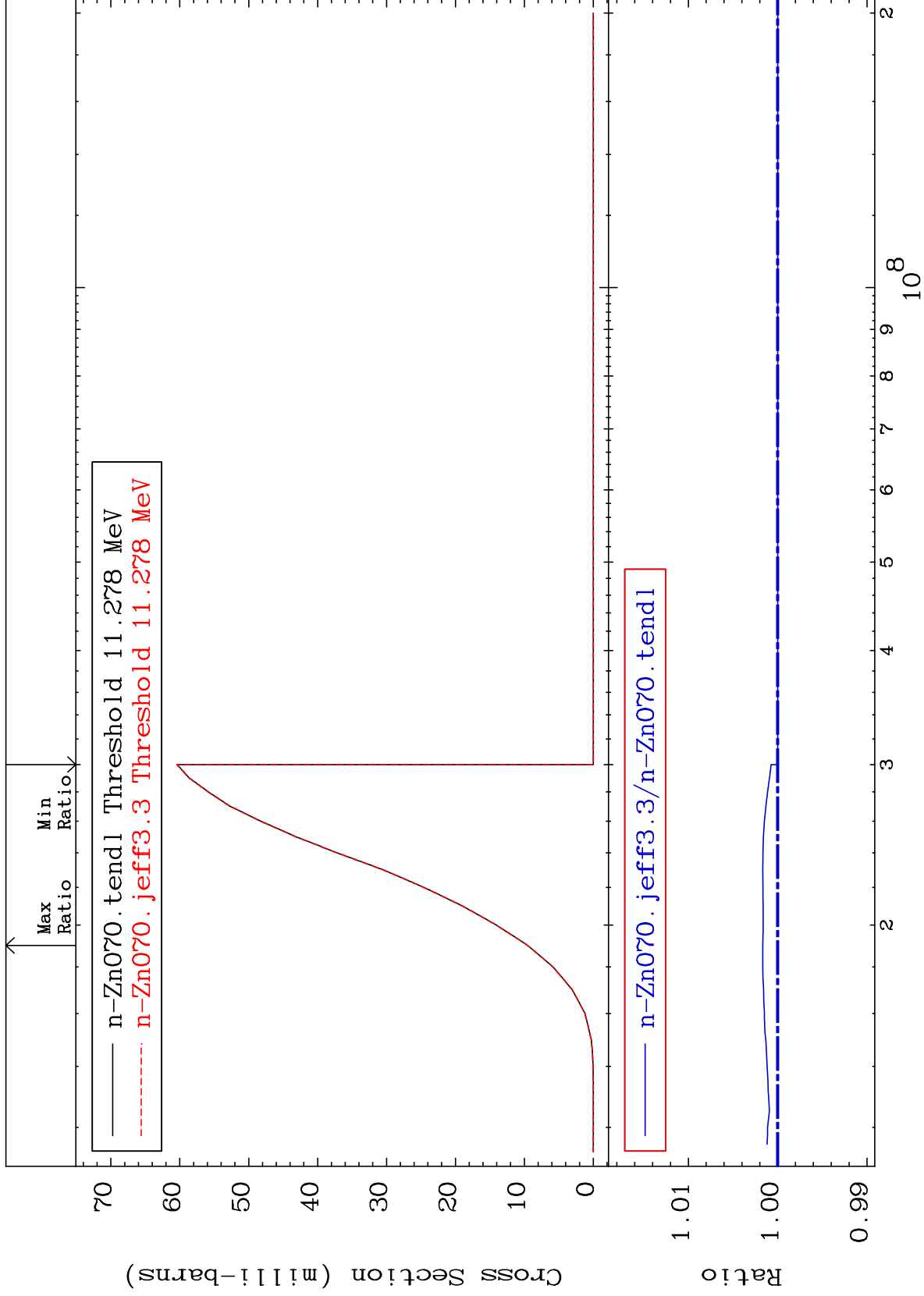
30-Zn-70
To 421.6 %
0.000



MAT 3043

(n,n') p
Cross Section

30-Zn-70
0.000 To 0.168 %



10

Incident Energy (eV)

30-Zn-70

MAT 3043

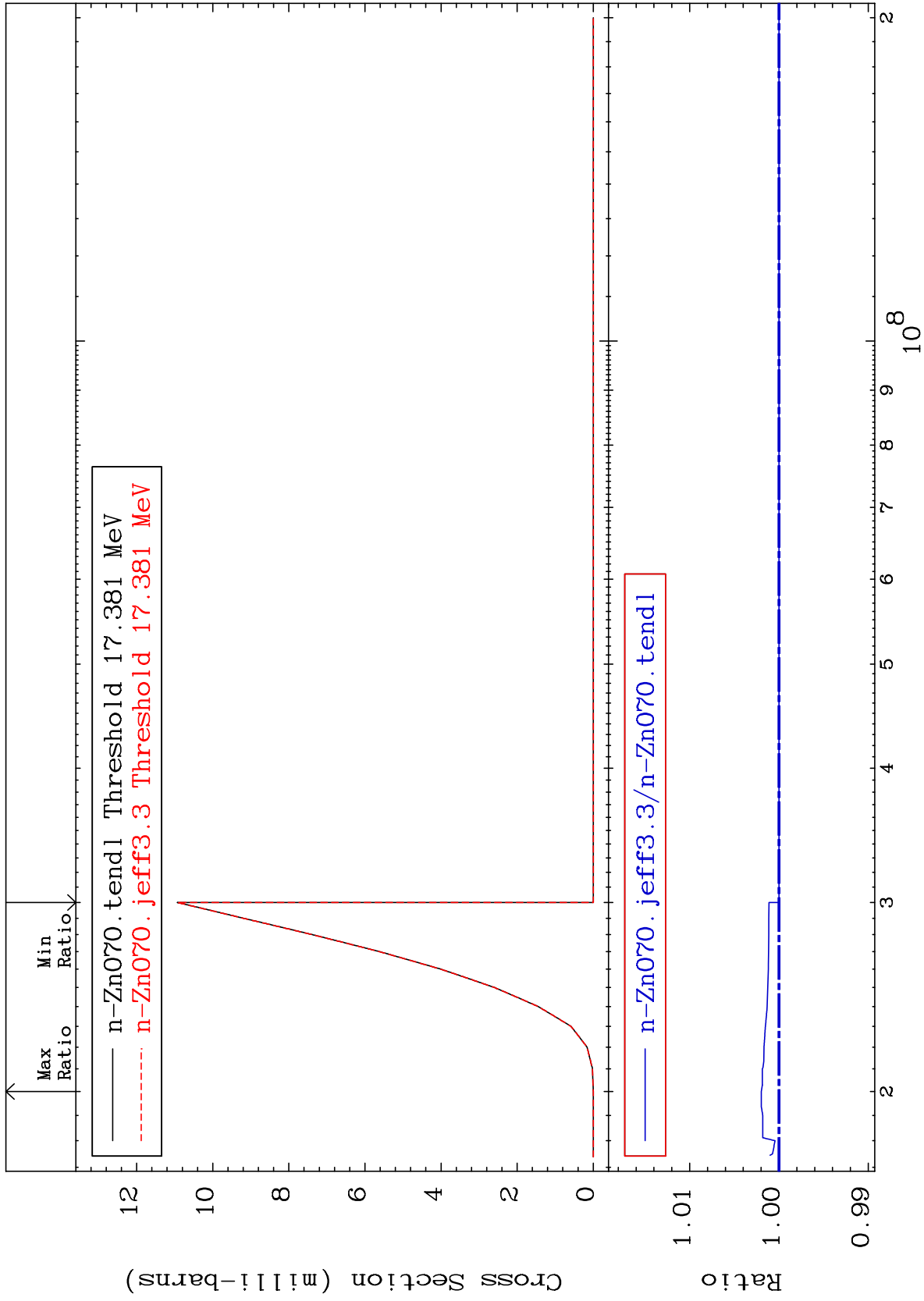
(n,n') d

30-Zn-70

Cross Section

0.000

To 0.197 %



11

30-Zn-70

30-Zn-70

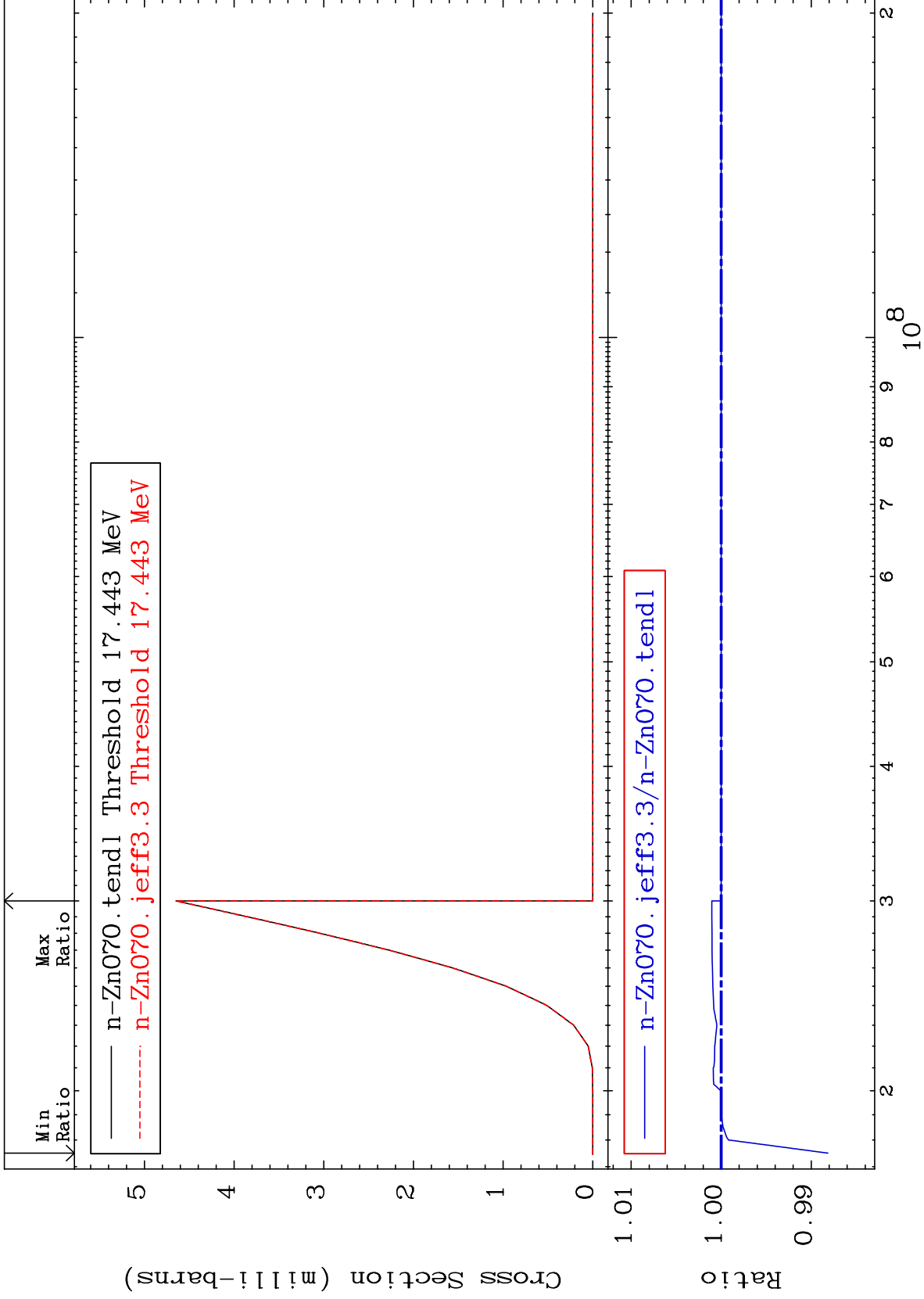
MAT 3043

(n,n') t

30-Zn-70

Cross Section

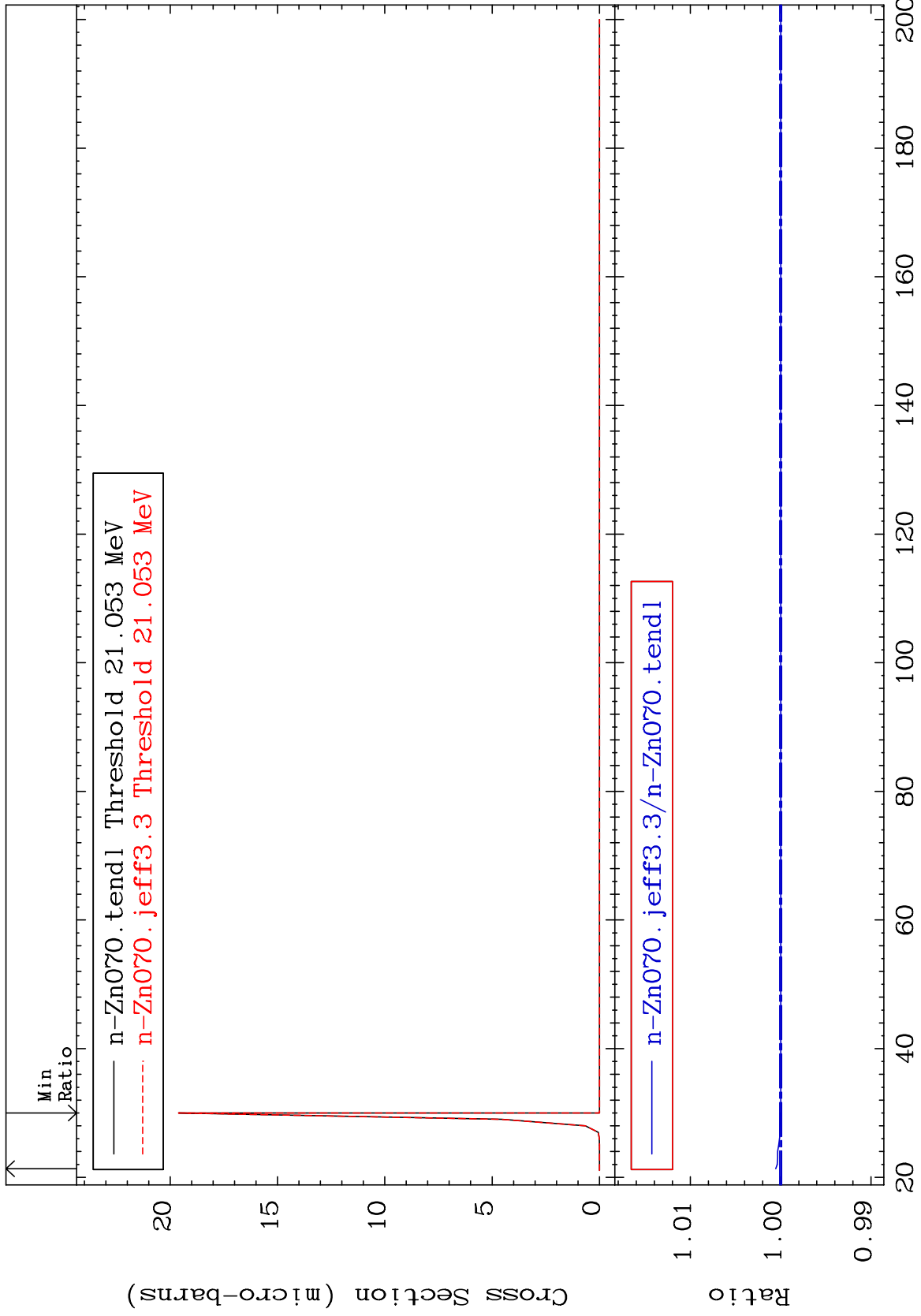
-1.187 To 0.104 %



MAT 3043

(n, n') He-3
Cross Section

30-Zn-70
0.000 To 0.056 %



MAT 3043

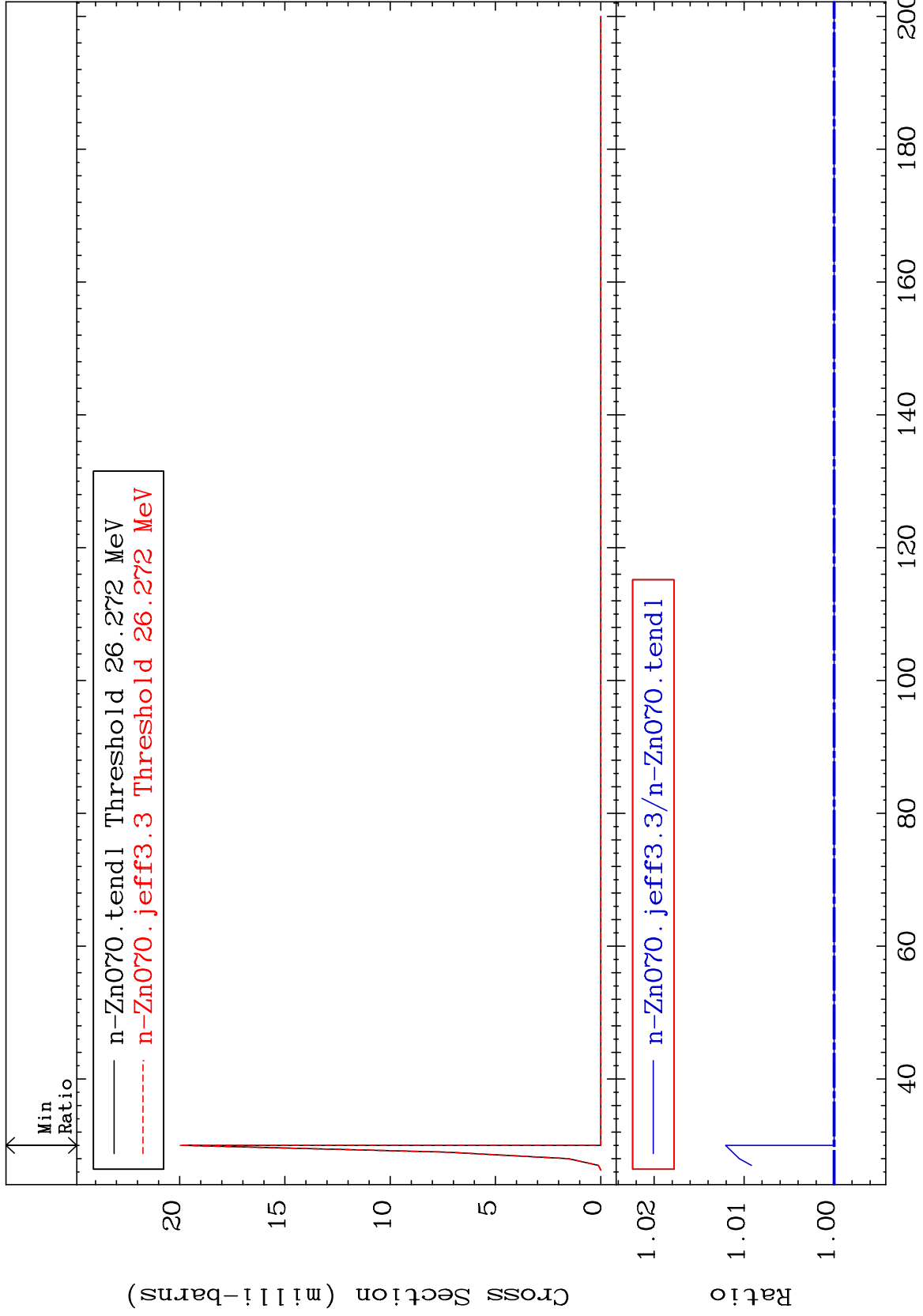
(n,4n)

30-Zn-70

Cross Section

0.000

To 1.206 %



14

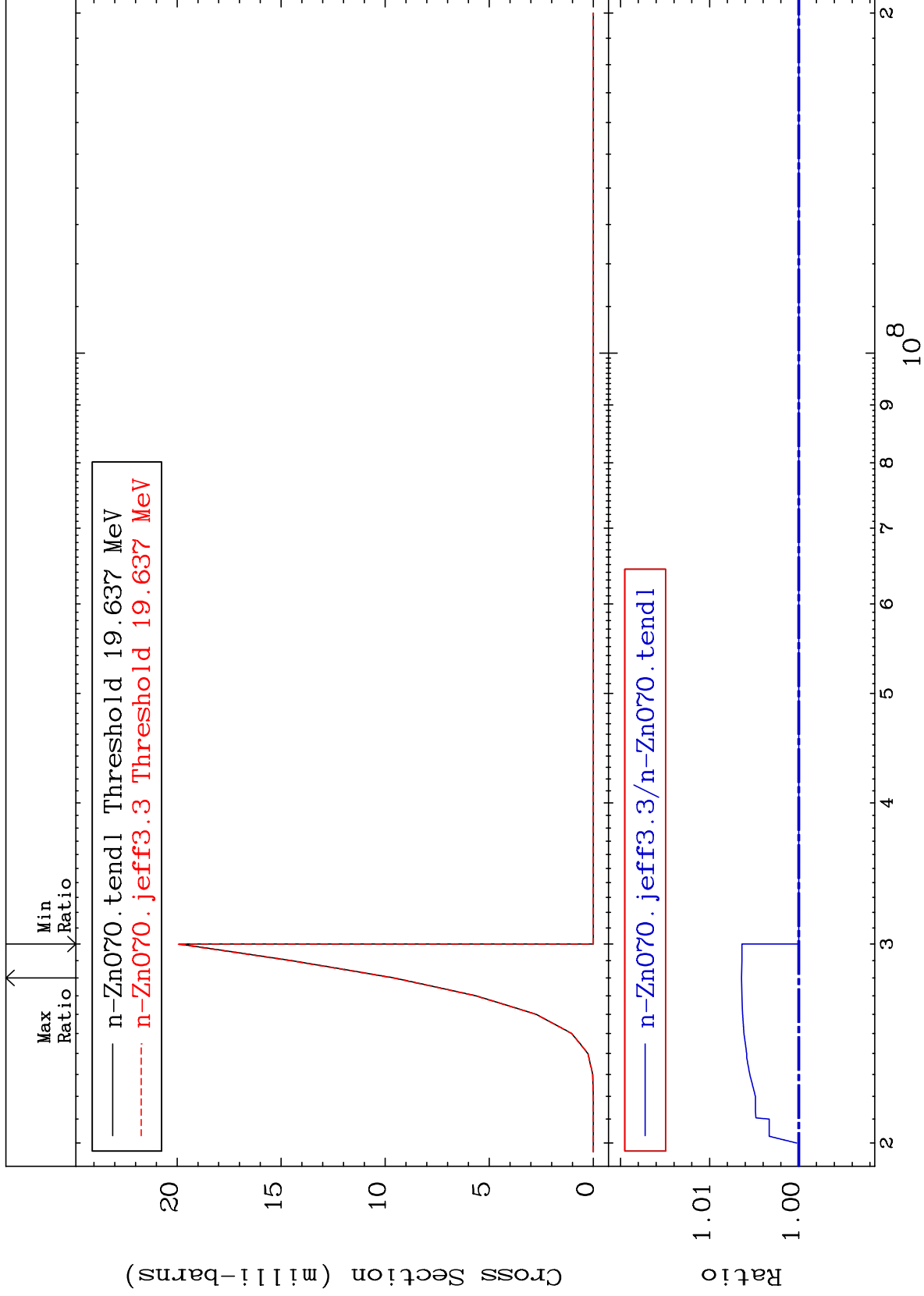
Incident Energy (MeV)

30-Zn-70

MAT 3043

(n,2n) p
Cross Section

30-Zn-70
0.000 To 0.641 %



15

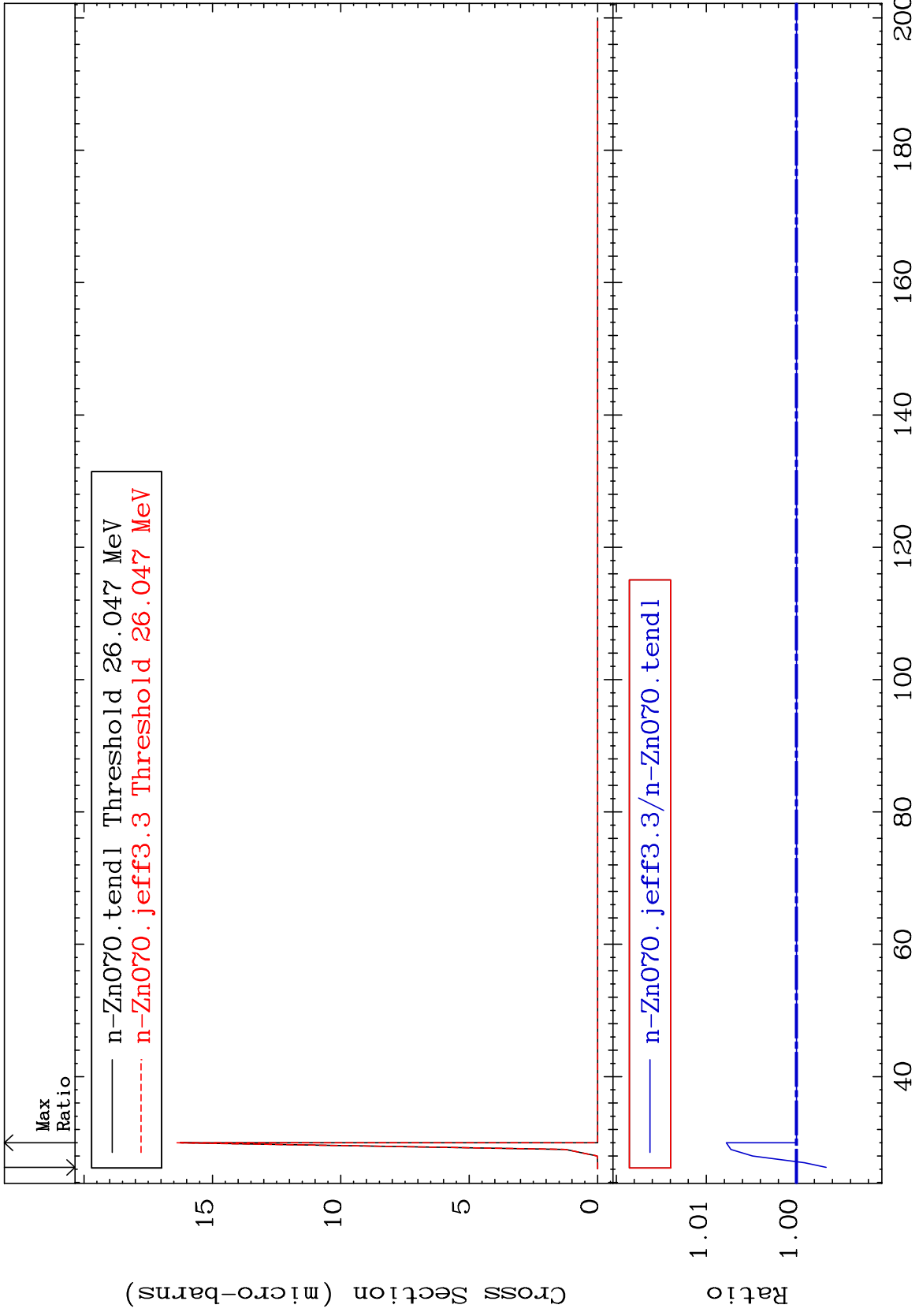
Incident Energy (eV)

30-Zn-70

MAT 3043

(n,3n) p
Cross Section

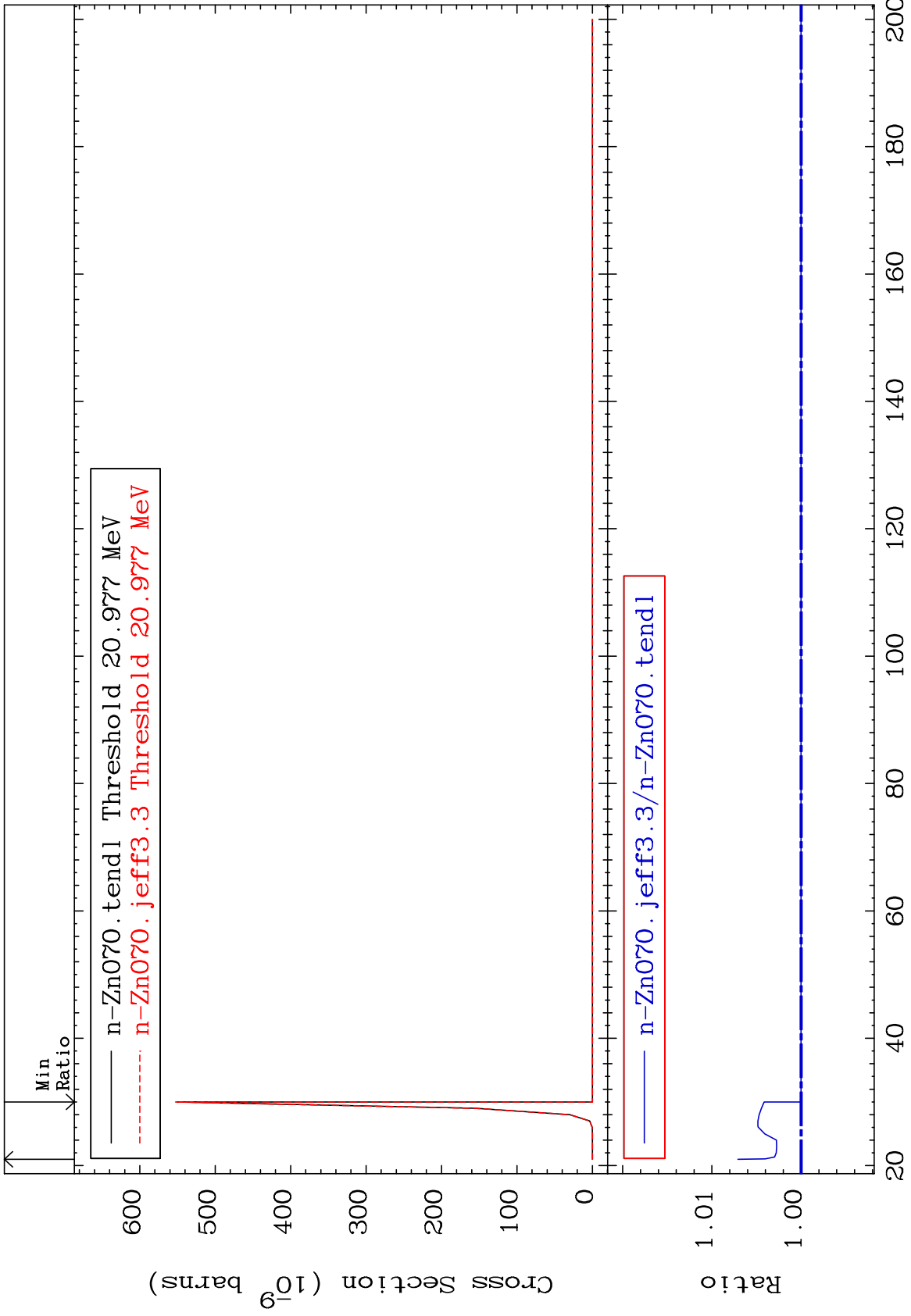
30-Zn-70
-0.331 To 0.779 %



MAT 3043

(n,2n) p
Cross Section

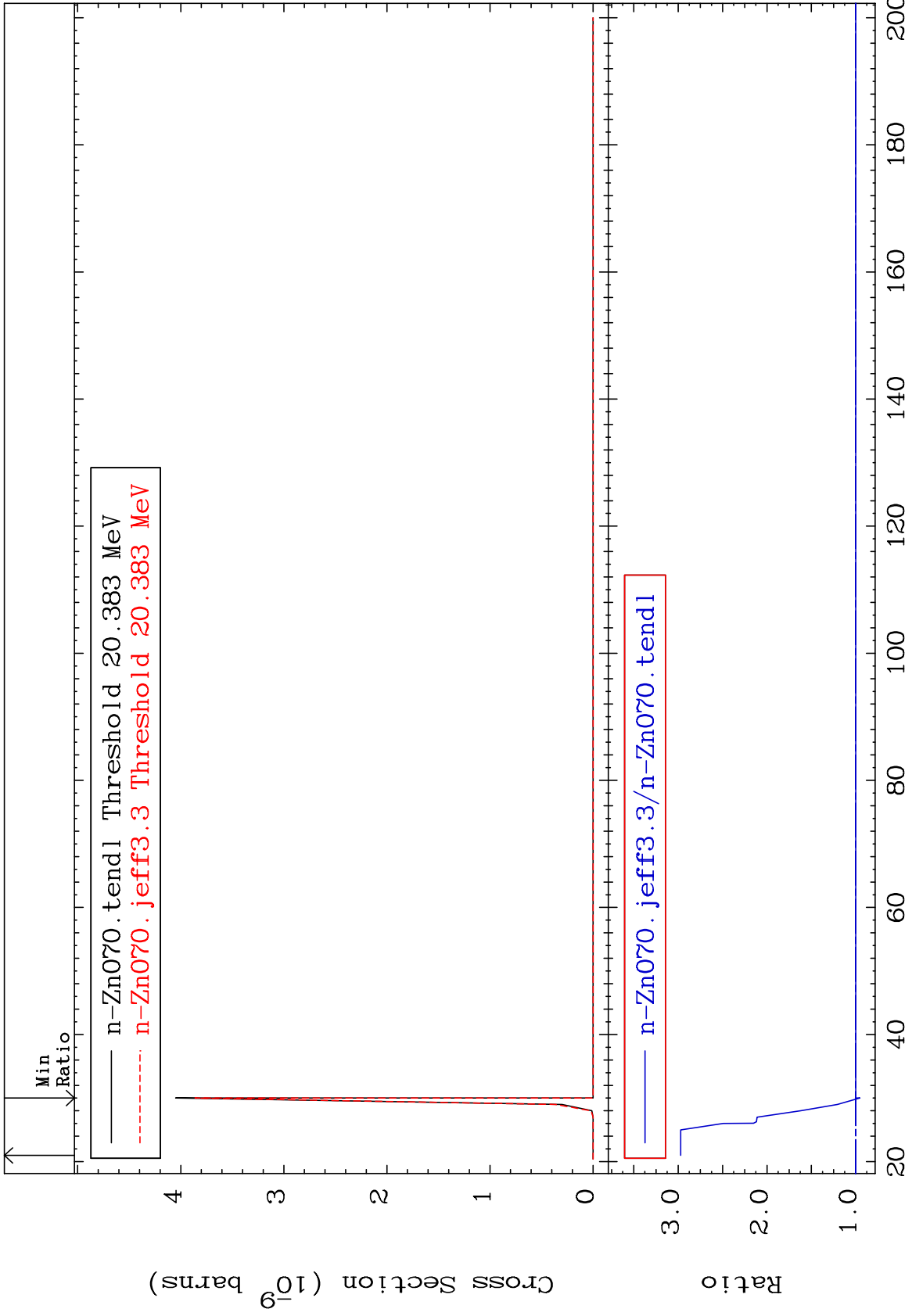
30-Zn-70
To 0.709 %



MAT 3043

(n,n') p α
Cross Section

30-Zn-70
-4.653 To 197.1 %



18

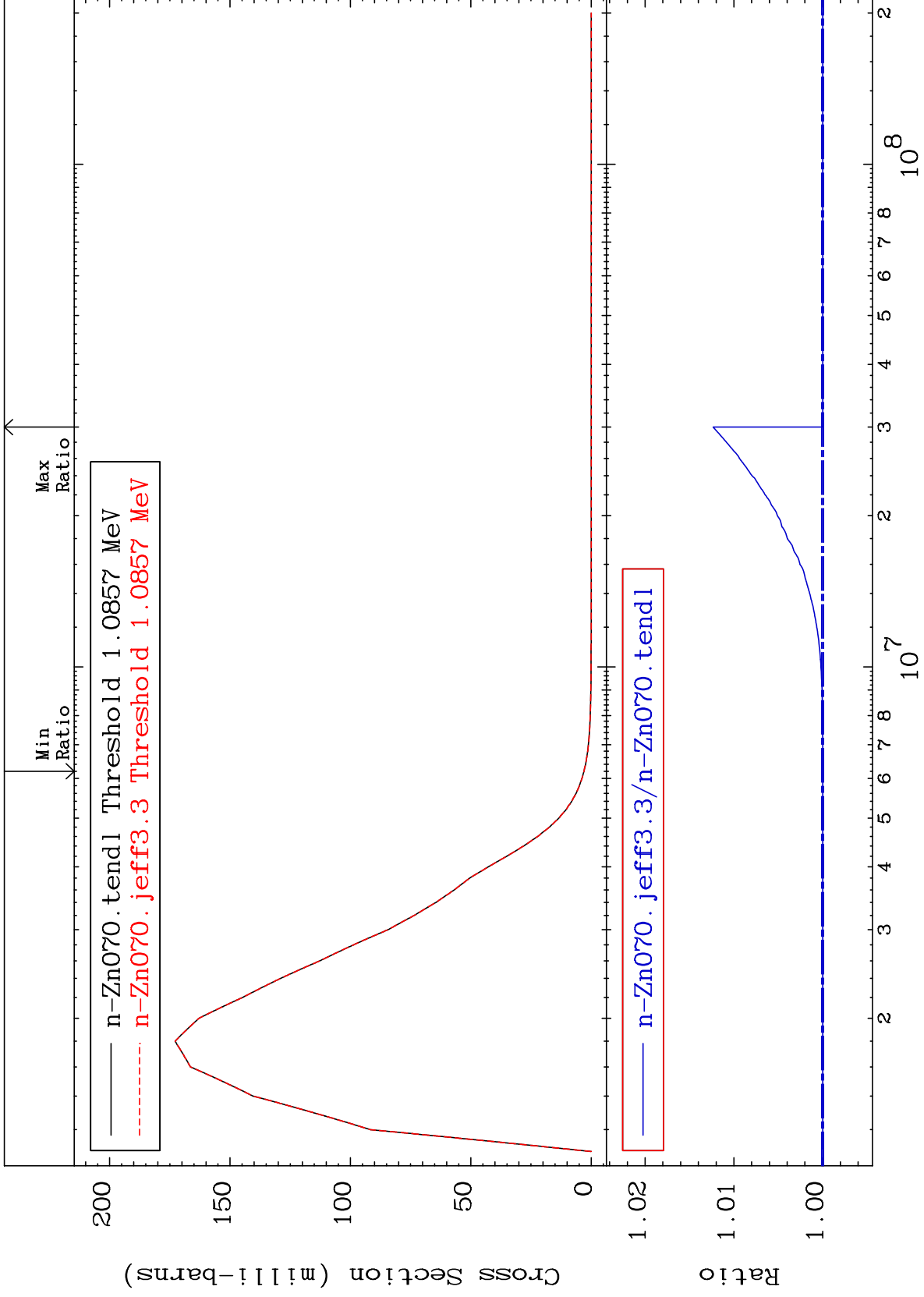
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

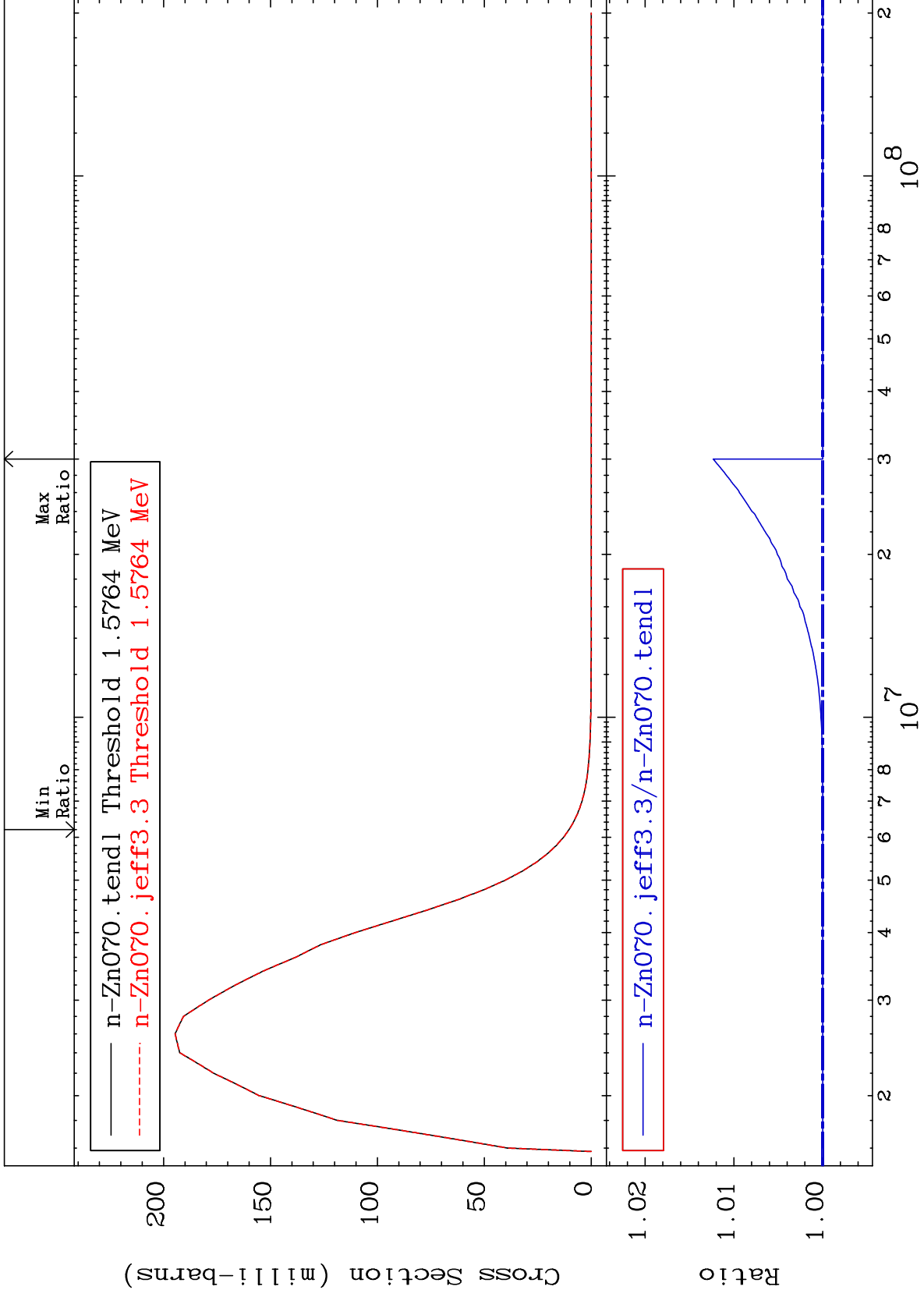
30-Zn-70
To 1.233 %



MAT 3043

MT= 53 (n,n') Level
Cross Section

30-Zn-70
To 1.234 %
0.000



20

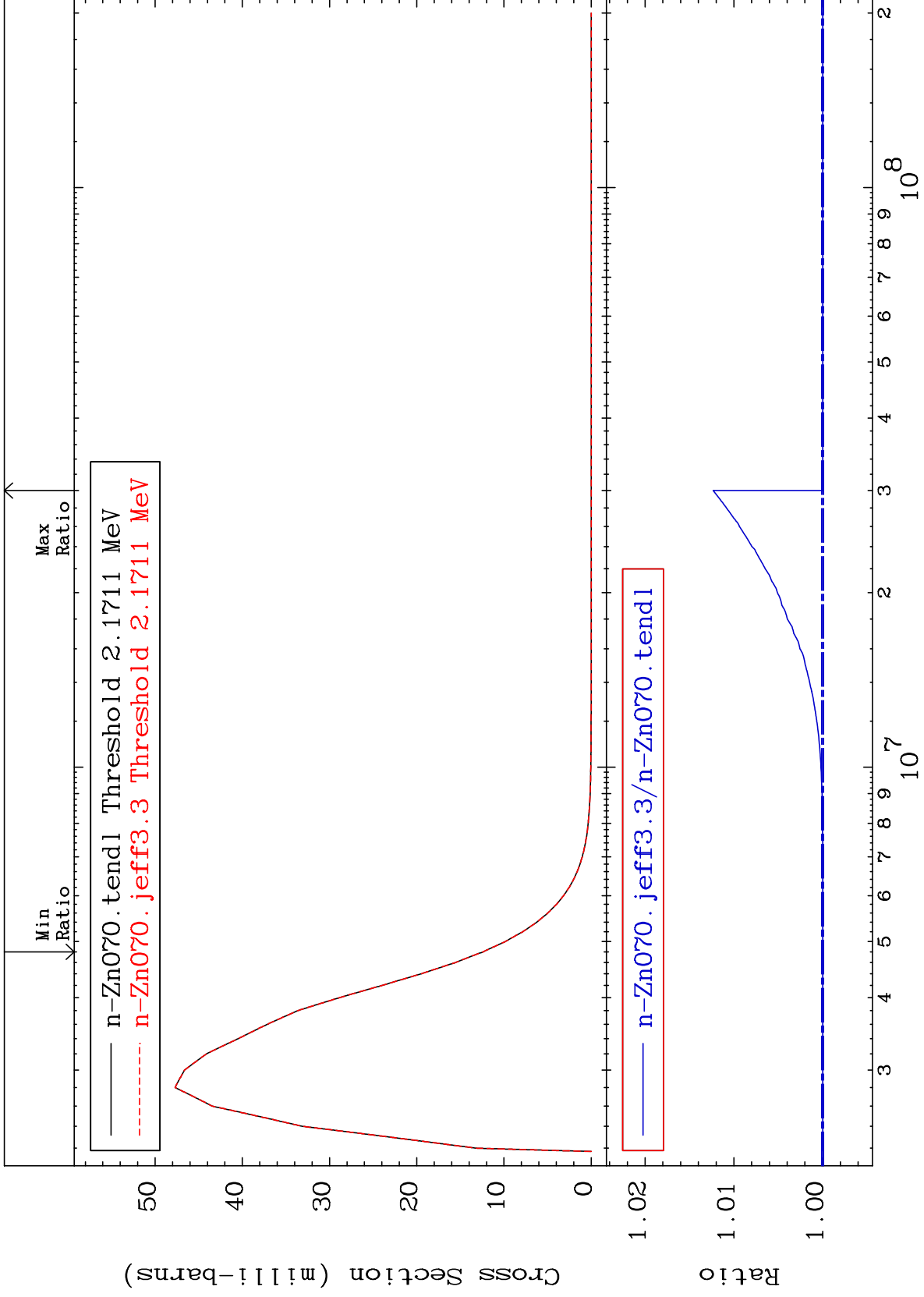
Incident Energy (eV)

30-Zn-70

MAT 3043

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

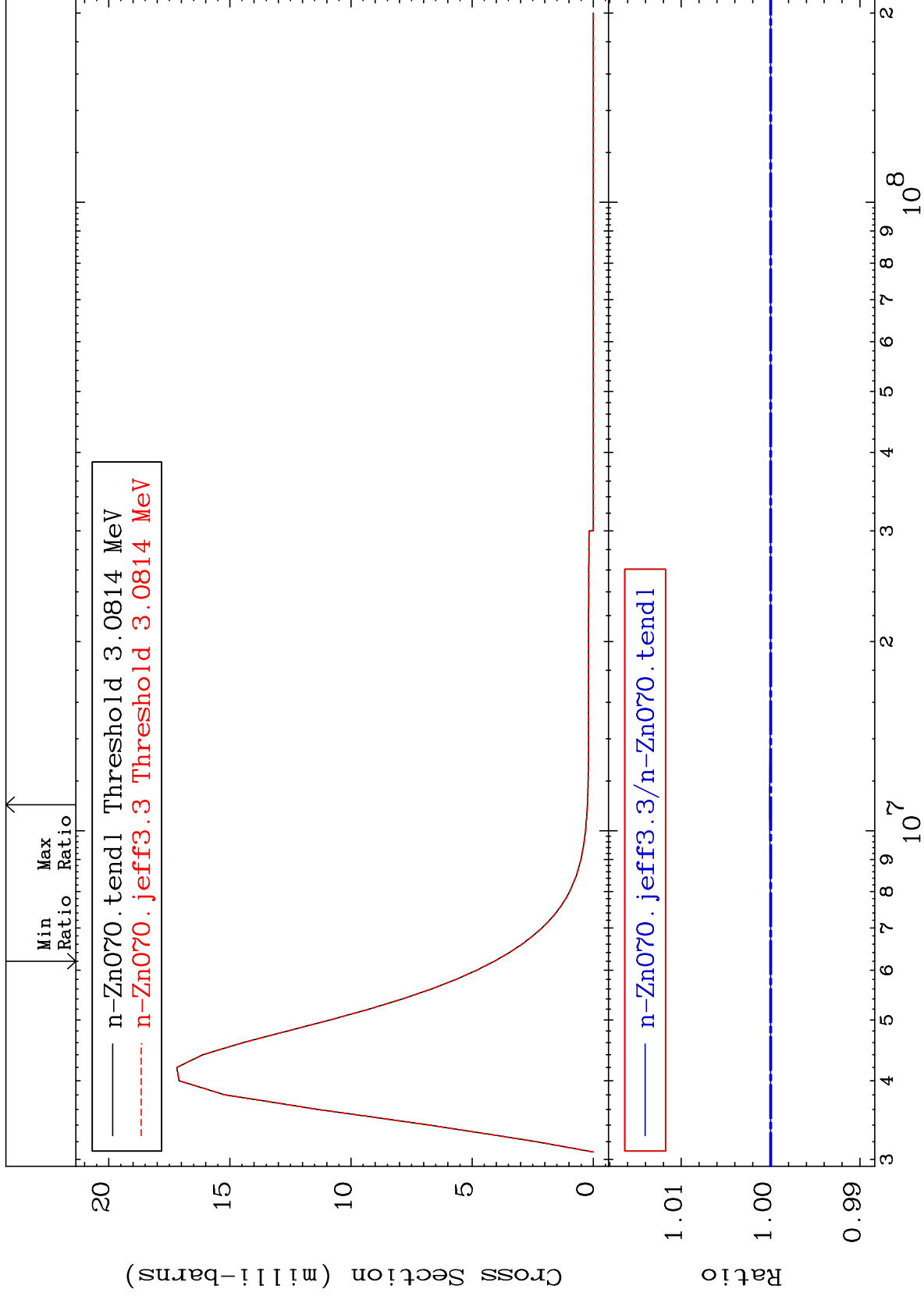
30-Zn-70
To 1.233 %



MAT 3043

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

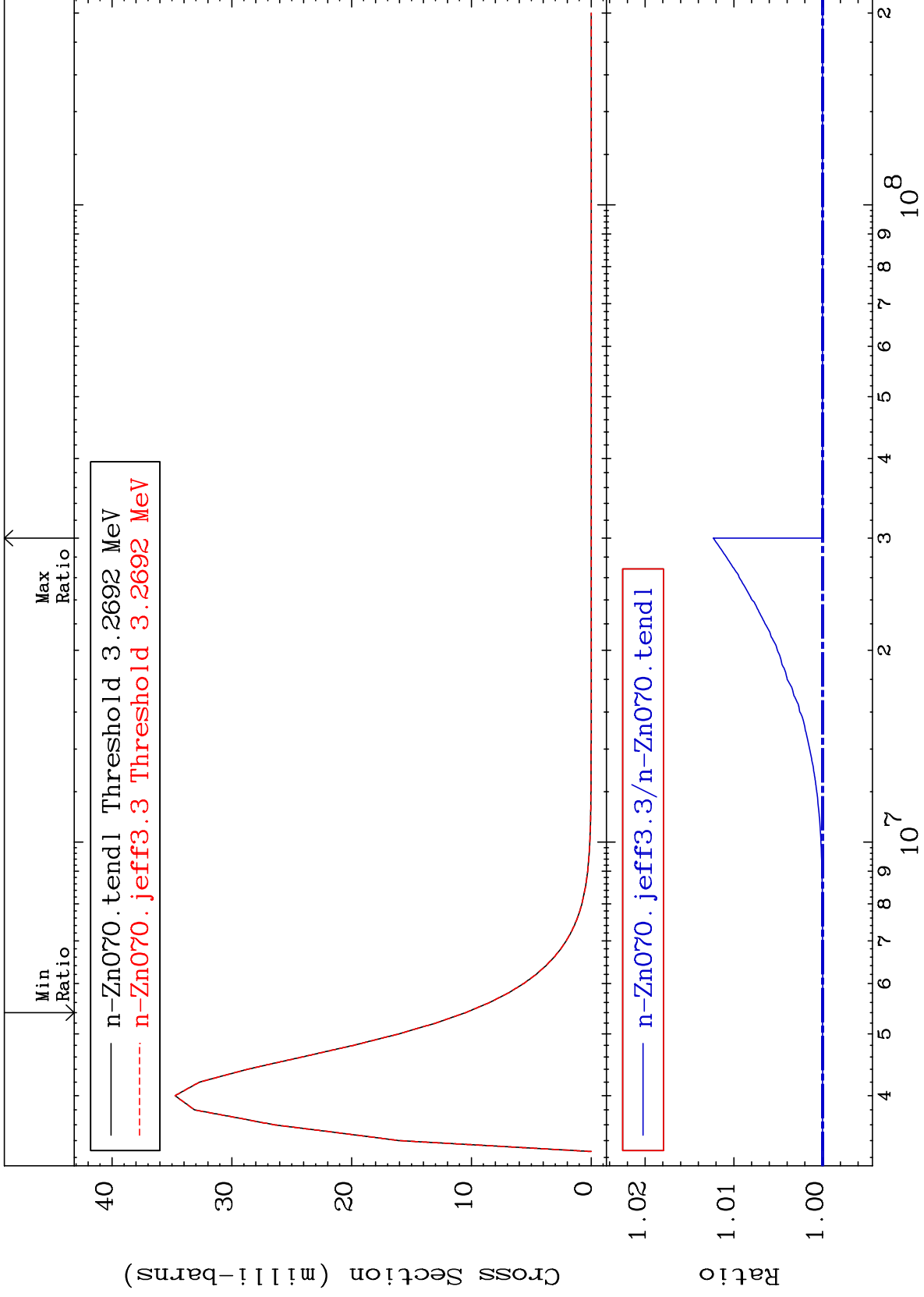
30-Zn-70
To 0.011 %



MAT 3043

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

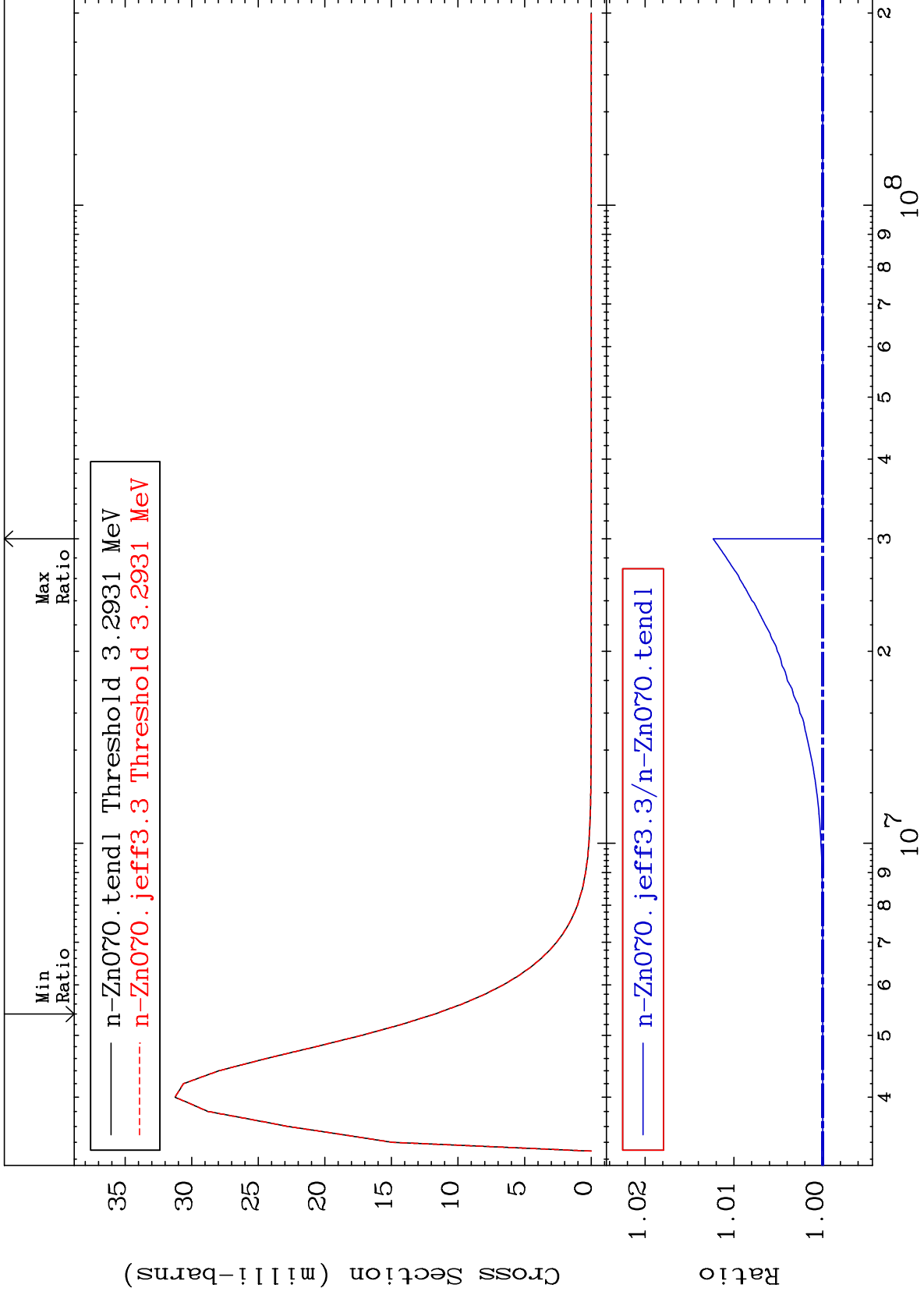
30-Zn-70
To 1.233 %



MAT 3043

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

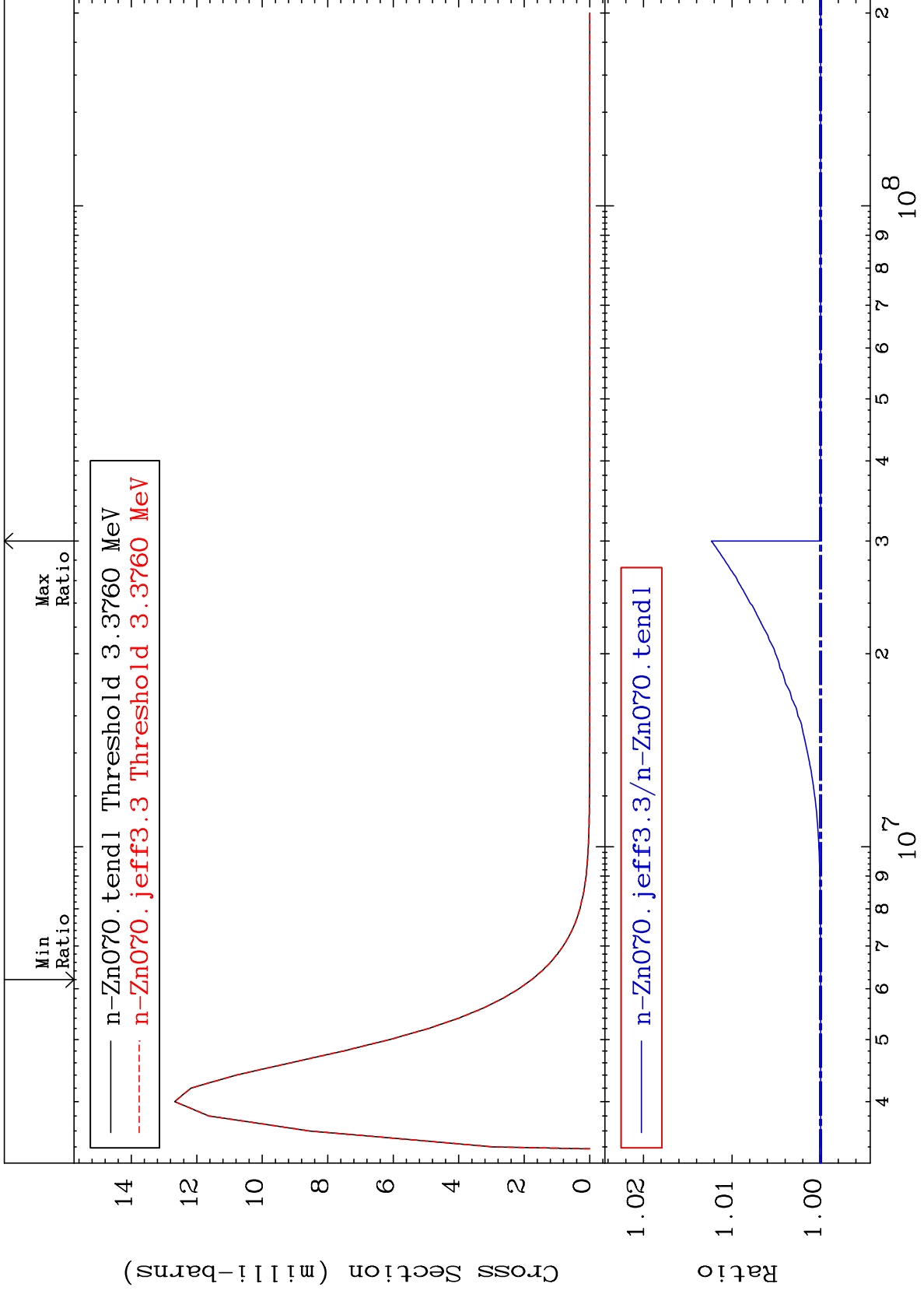
30-Zn-70
To 1.234 %



MAT 3043

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

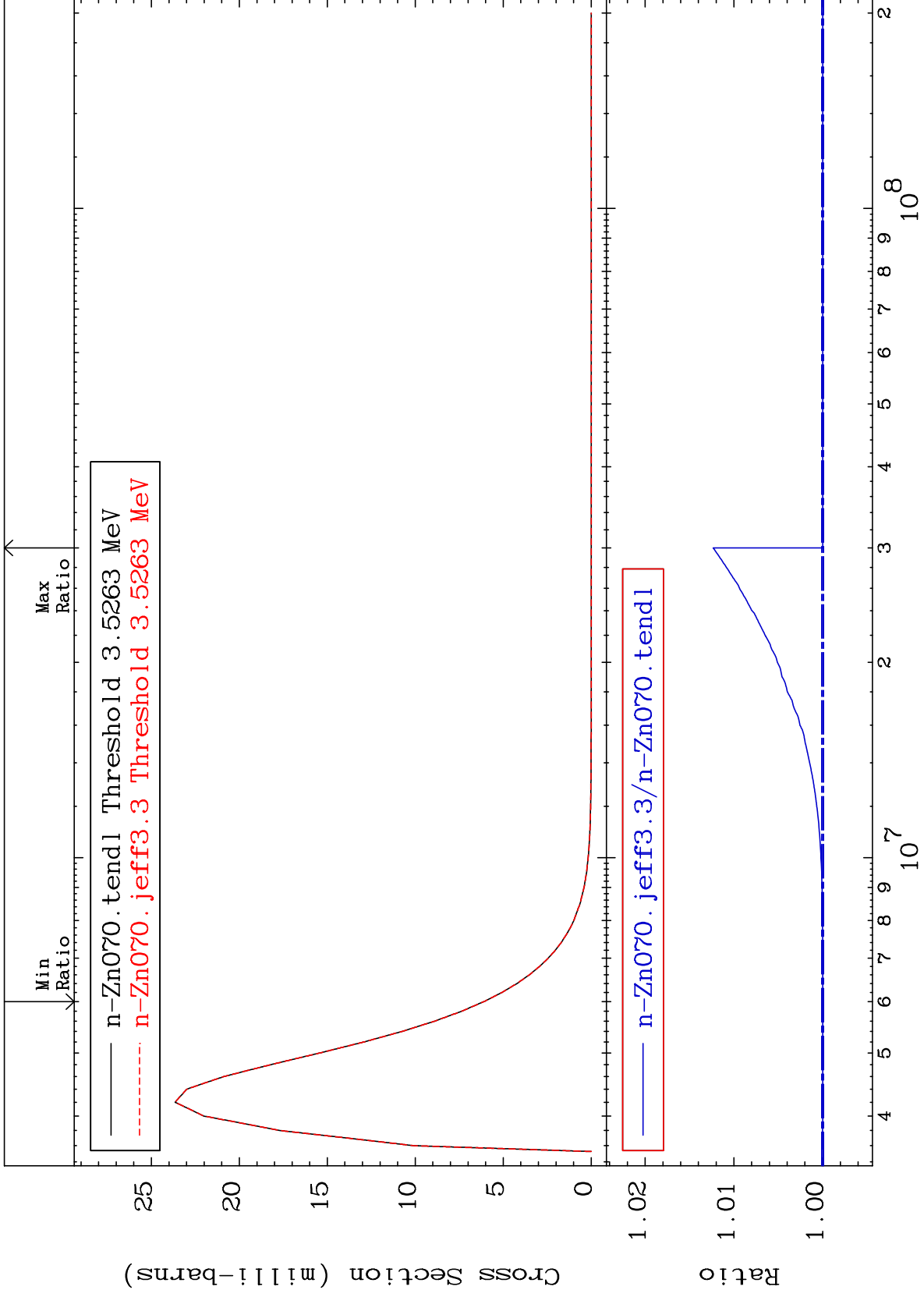
30-Zn-70
-0.001 To 1.233 %



MAT 3043

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

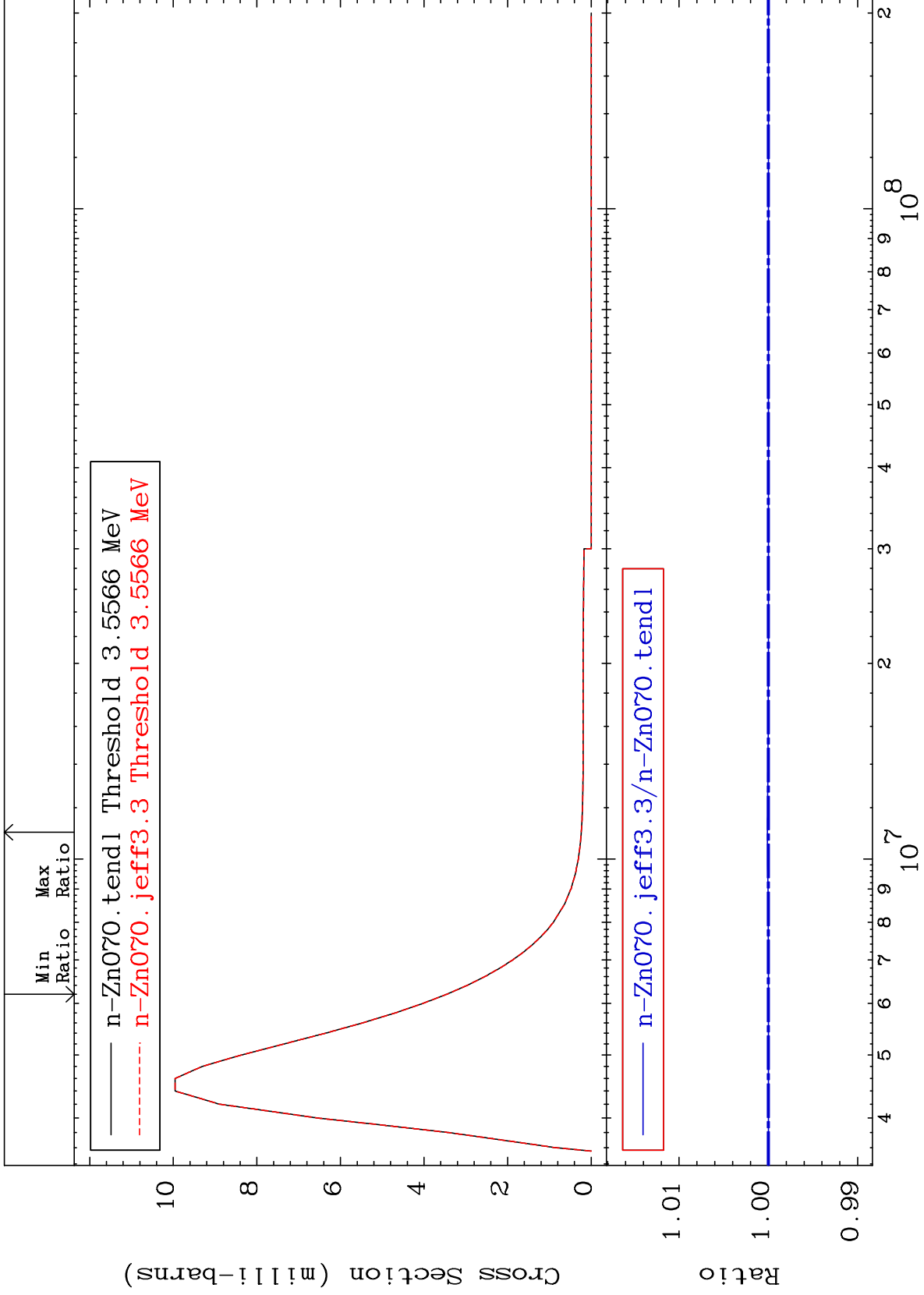
30-Zn-70
To 1.233 %



MAT 3043

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

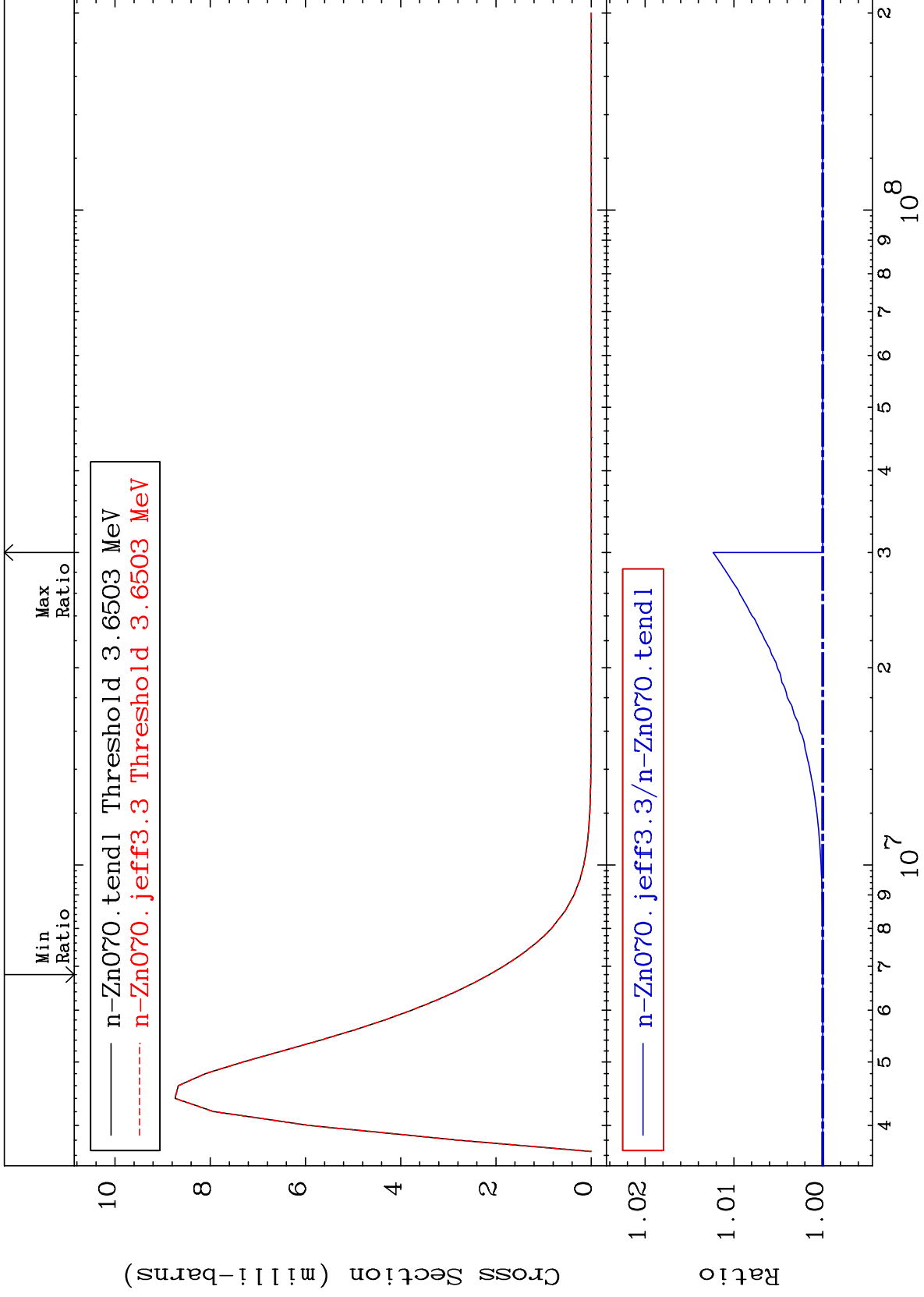
30-Zn-70
To 0.011 %



MAT 3043

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

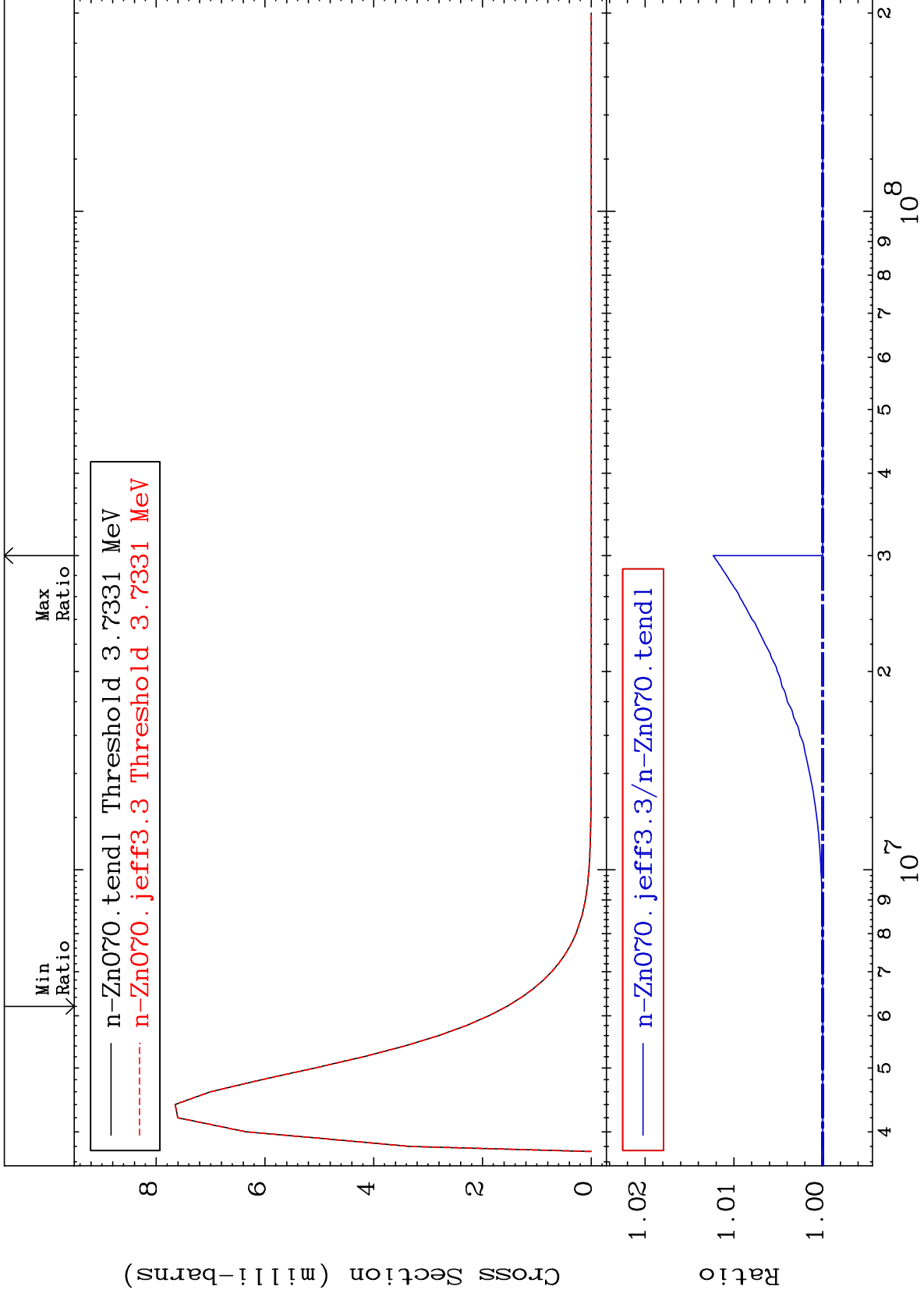
30-Zn-70
To 1.234 %



MAT 3043

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

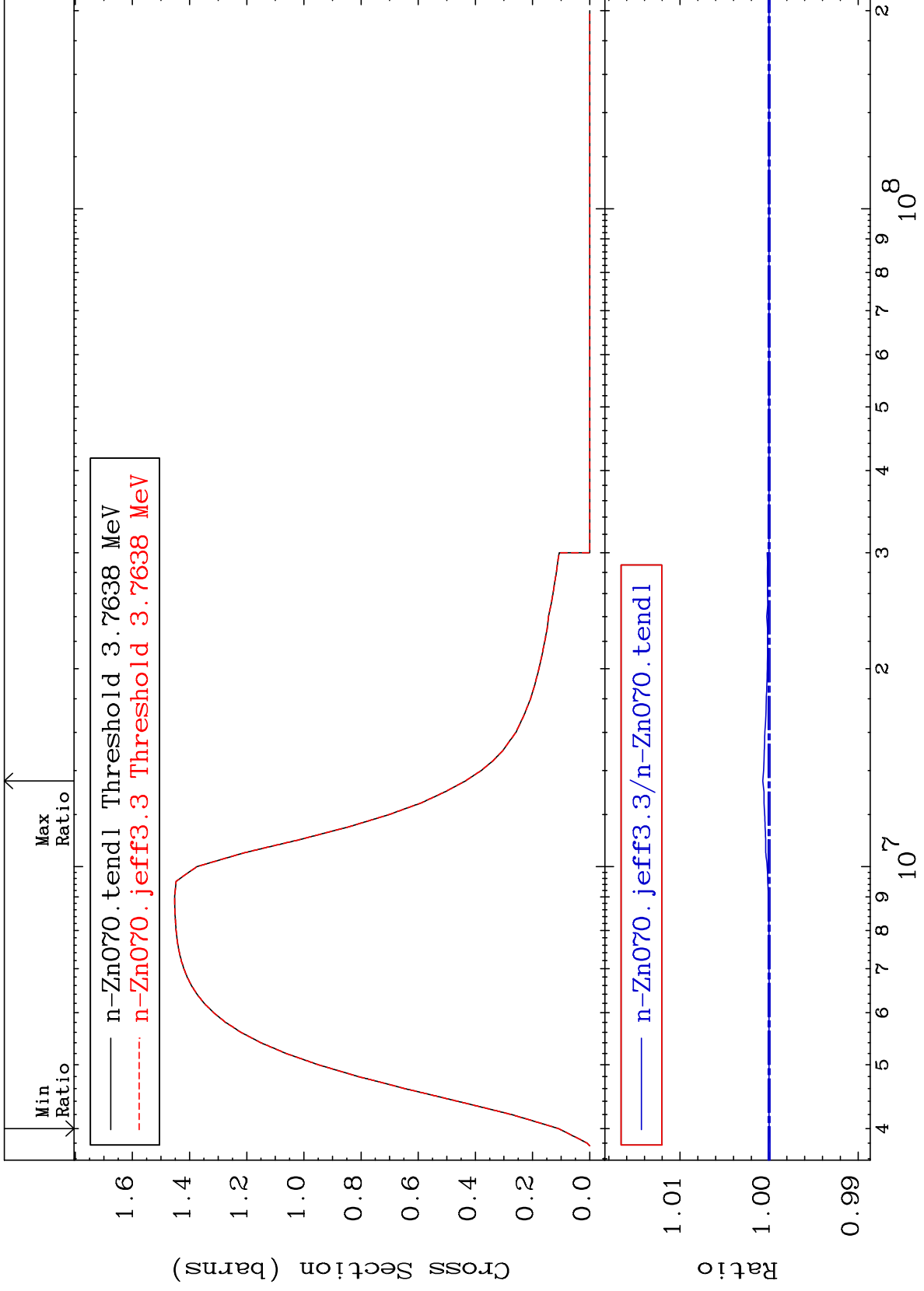
30-Zn-70
To 1.233 %



MAT 3043

(n,n') Continuum
Cross Section

30-Zn-70
To 0.070 %



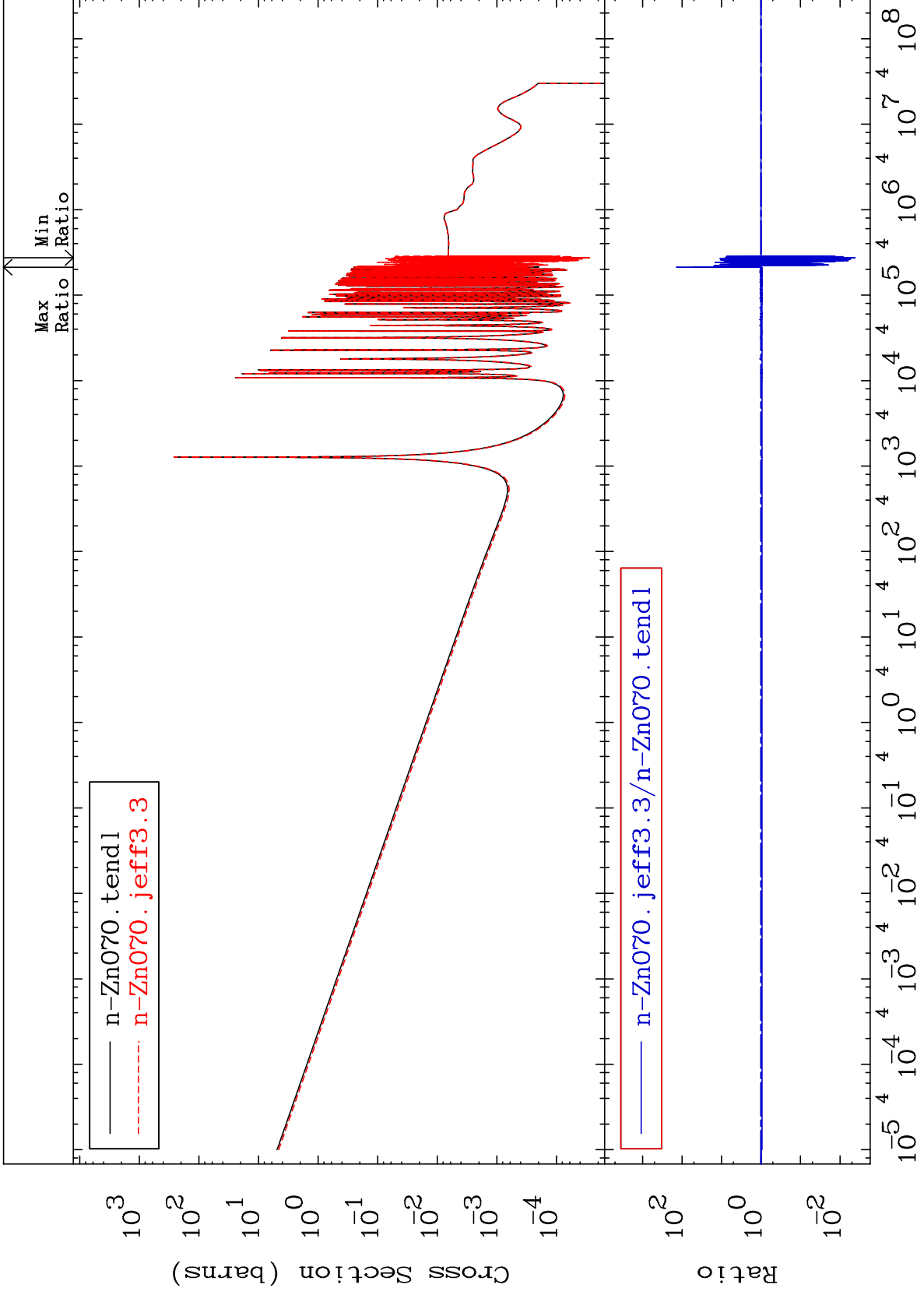
MAT 3043

(n, γ)

30-Zn-70

Cross Section

-99.58 To 9999. %



MAT 3043

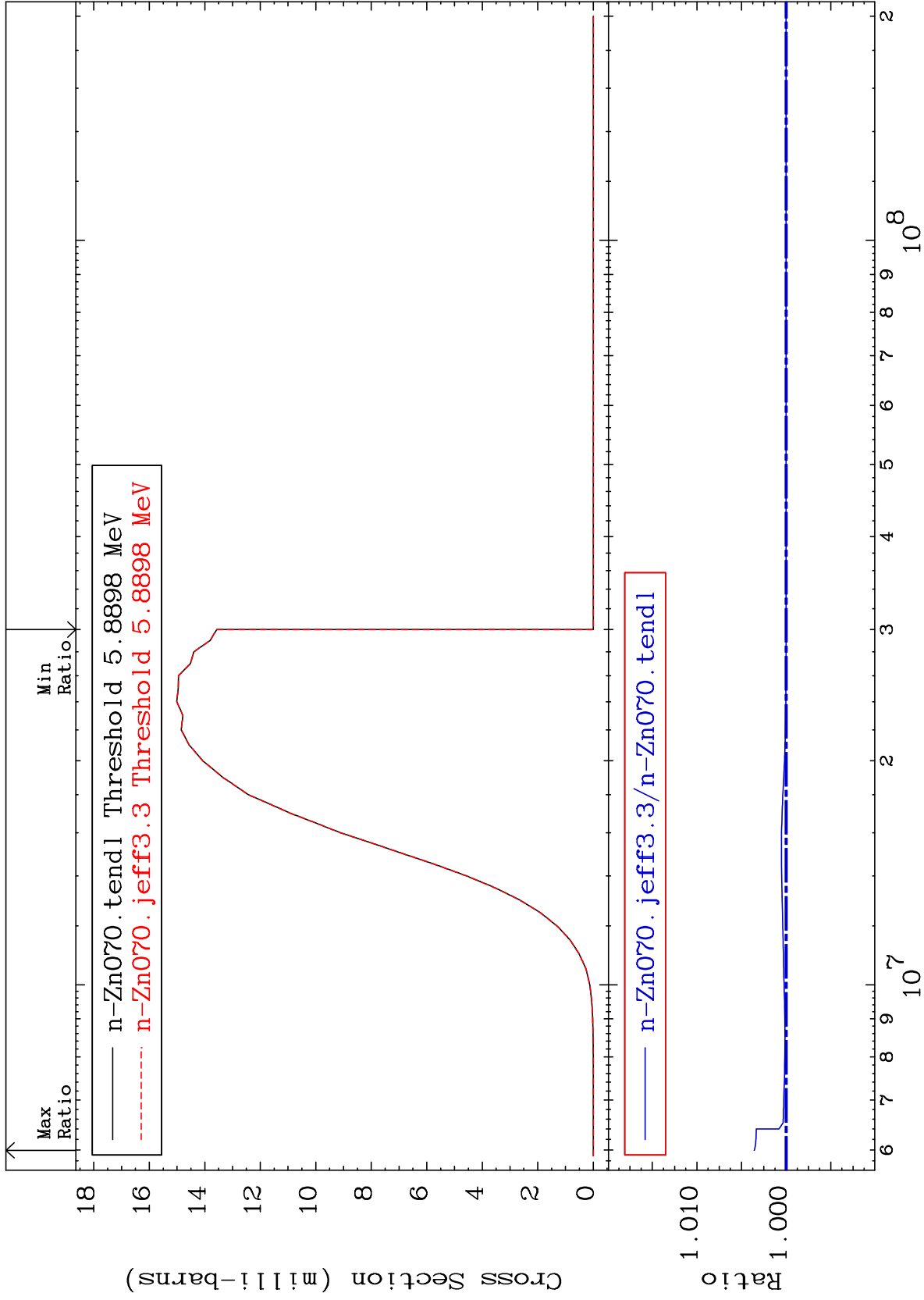
(n,p)

30-Zn-70

Cross Section

0.000

To 0.358 %



MAT 3043

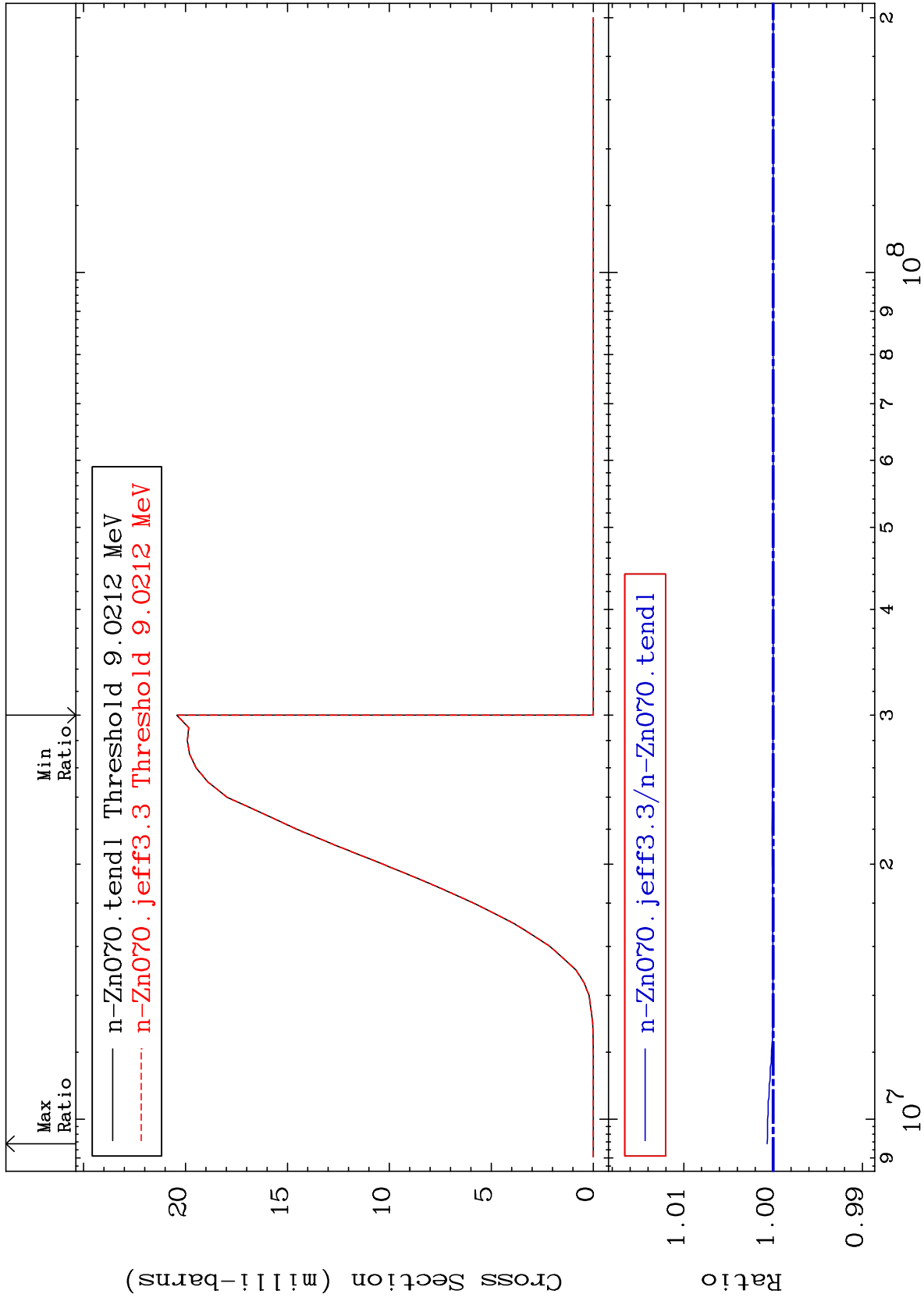
(n, d)

30-Zn-70

Cross Section

0.000

To 0.066 %



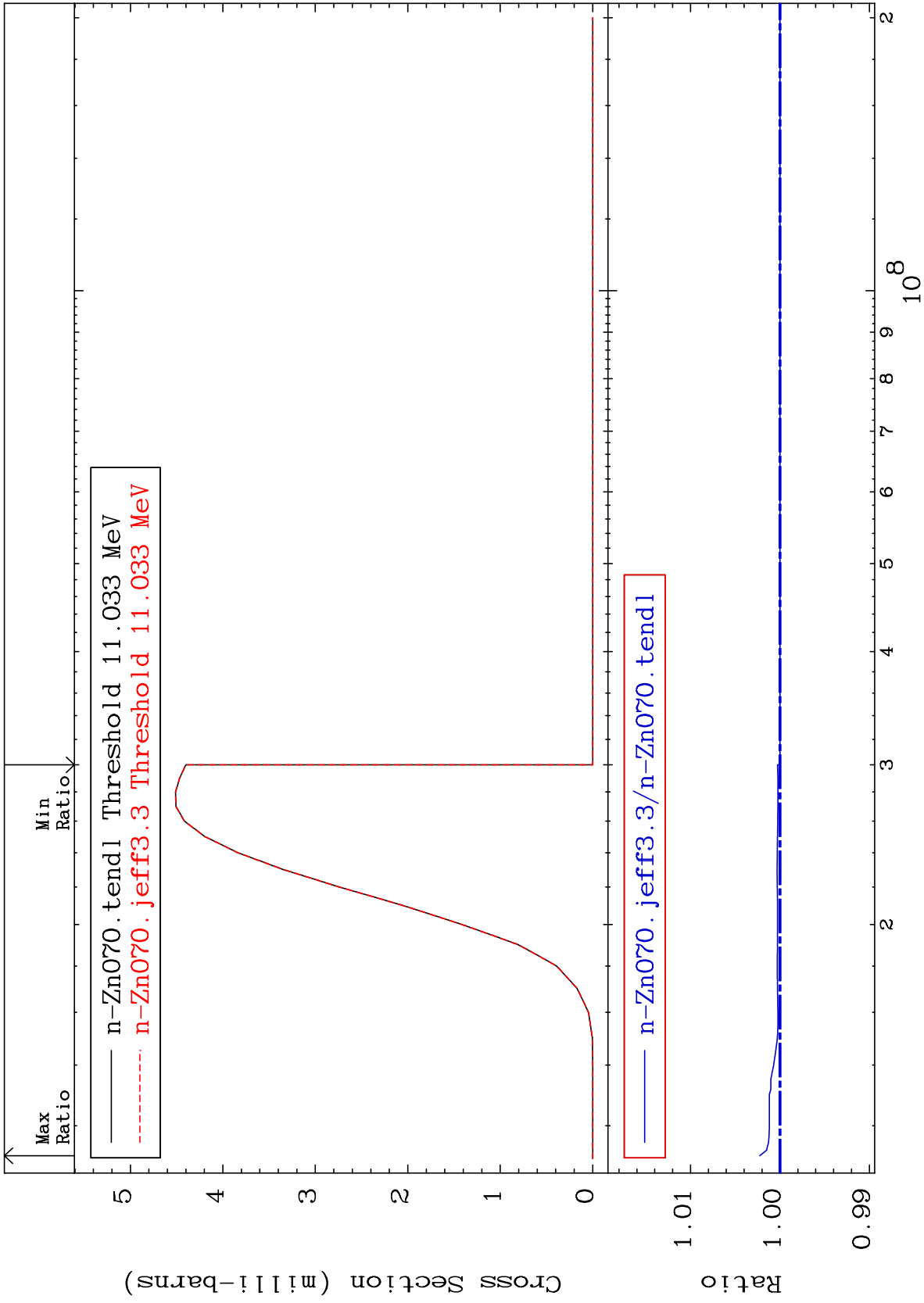
33

Incident Energy (eV)

30-Zn-70

MAT 3043

(n, t)
Cross Section
0.000 To 0.225 %
30-Zn-70



MAT 3043

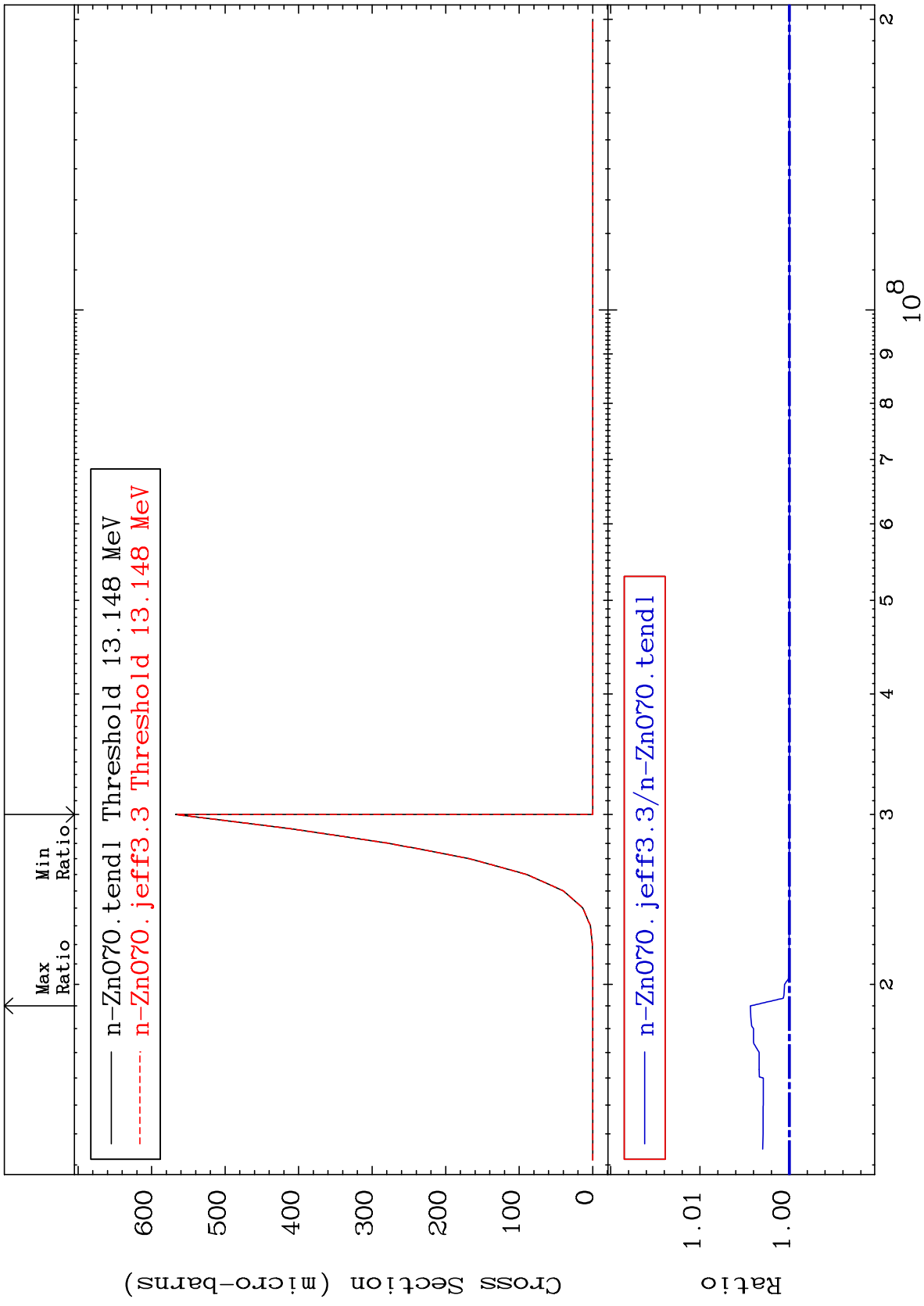
(n, He-3)

30-Zn-70

Cross Section

0.000

To 0.435 %



35

30-Zn-70

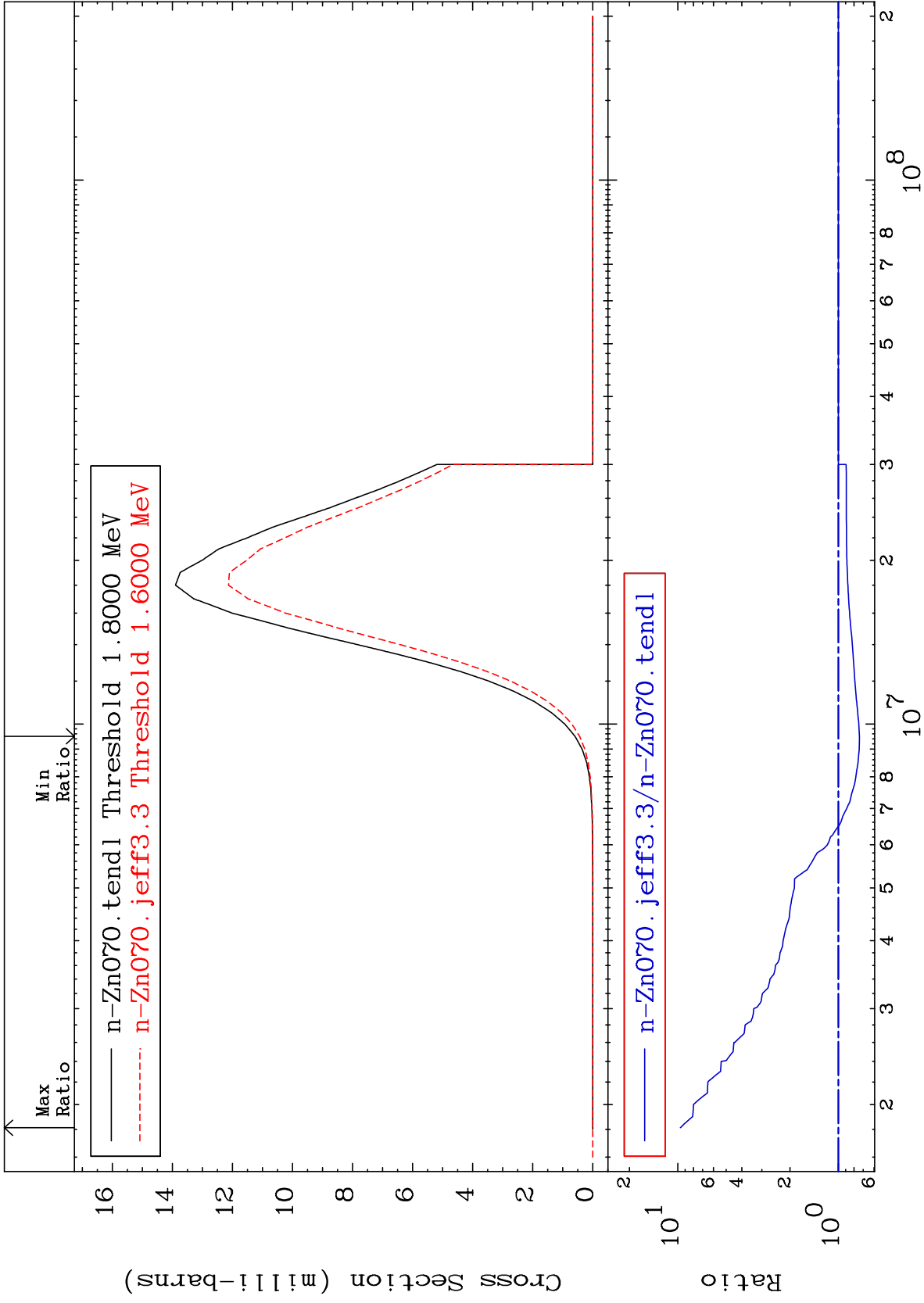
MAT 3043

(n, α)

30-Zn-70

Cross Section

-26.04 To 864.4 %



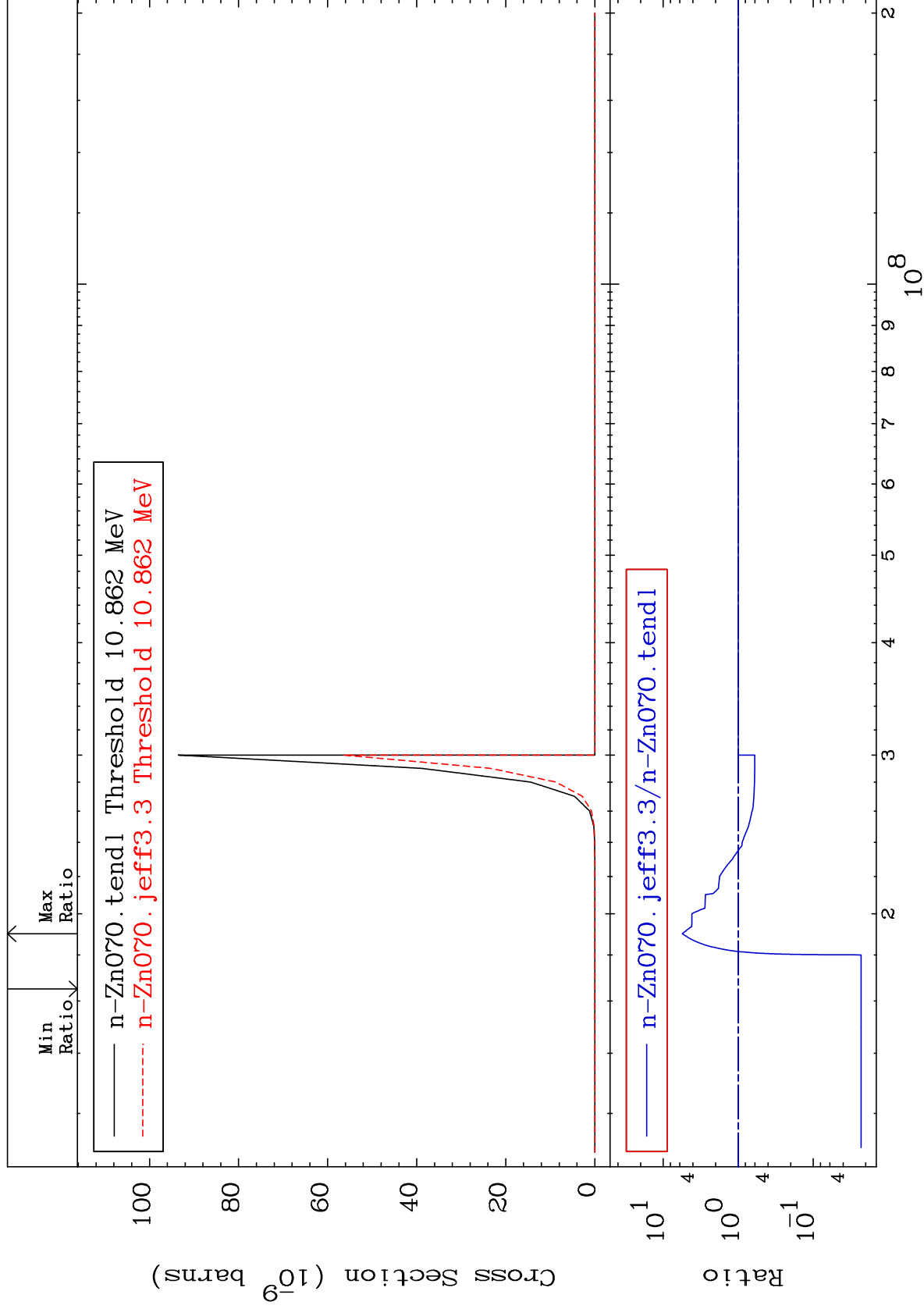
MAT 3043

(n,2α)

30-Zn-70

Cross Section

-97.70 To 455.0 %



MAT 3043

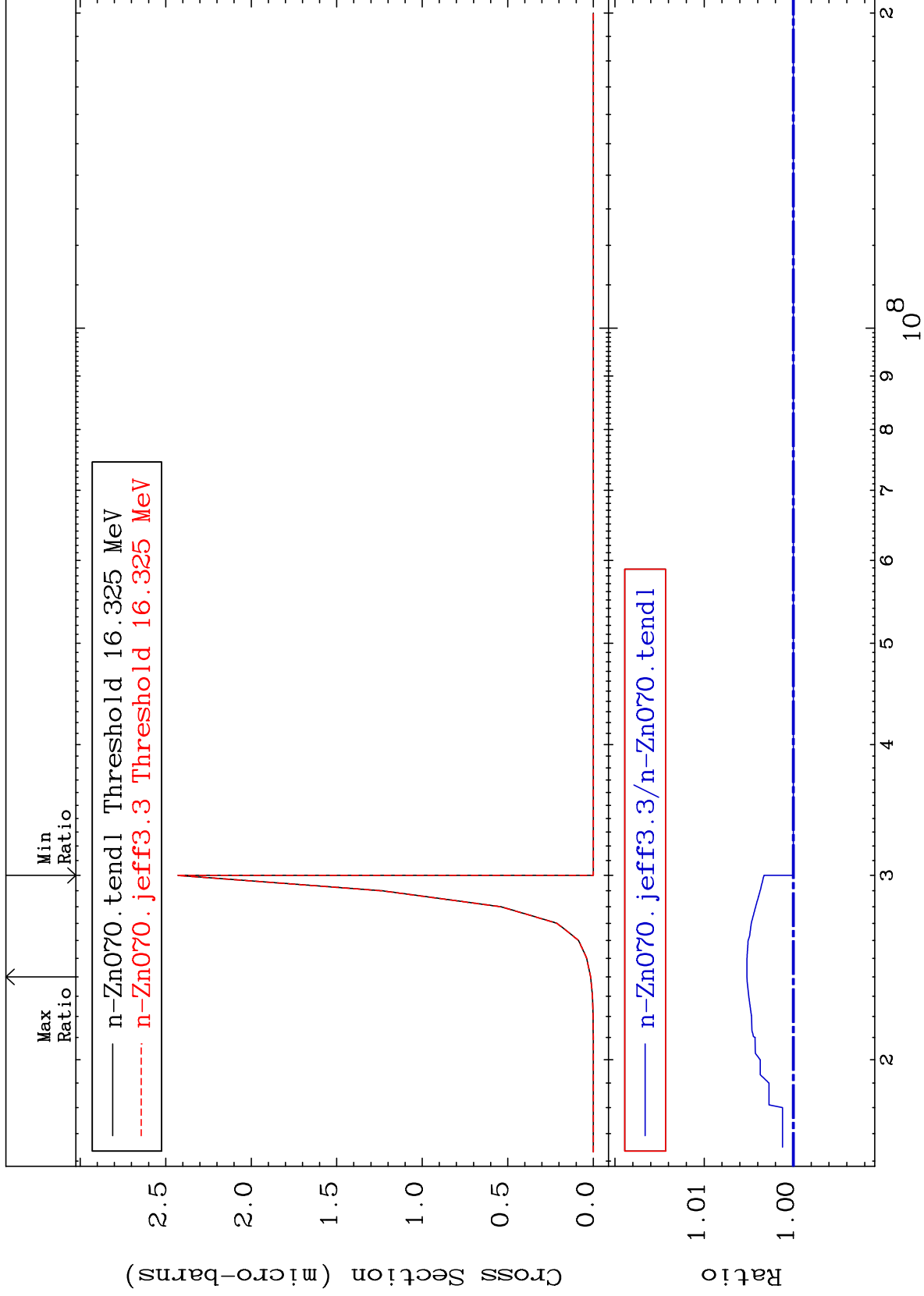
(n,2p)

30-Zn-70

Cross Section

0.000

To 0.520 %



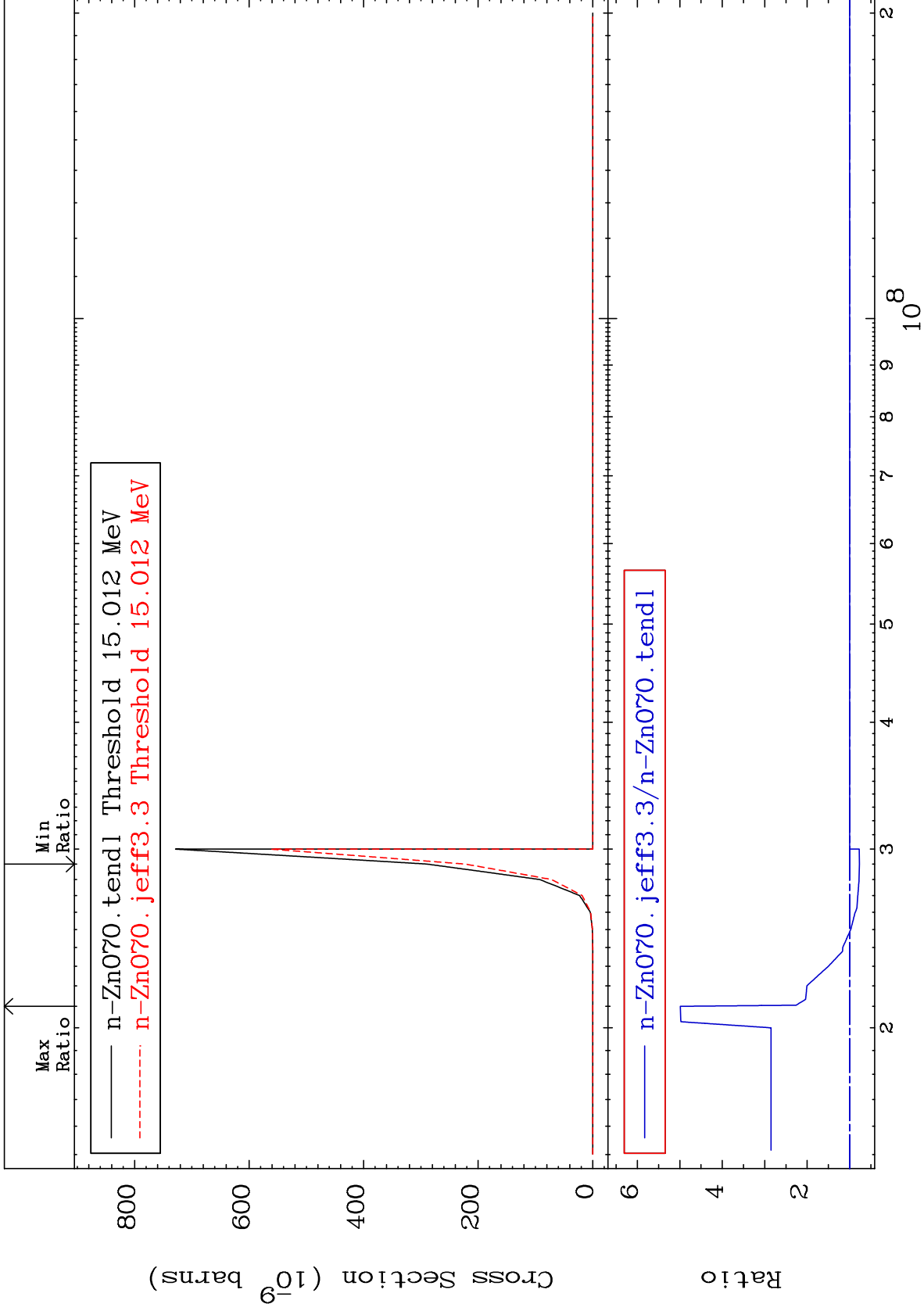
MAT 3043

(n, p) α

30-Zn-70

Cross Section

-23.14 To 398.7 %



MAT 3043

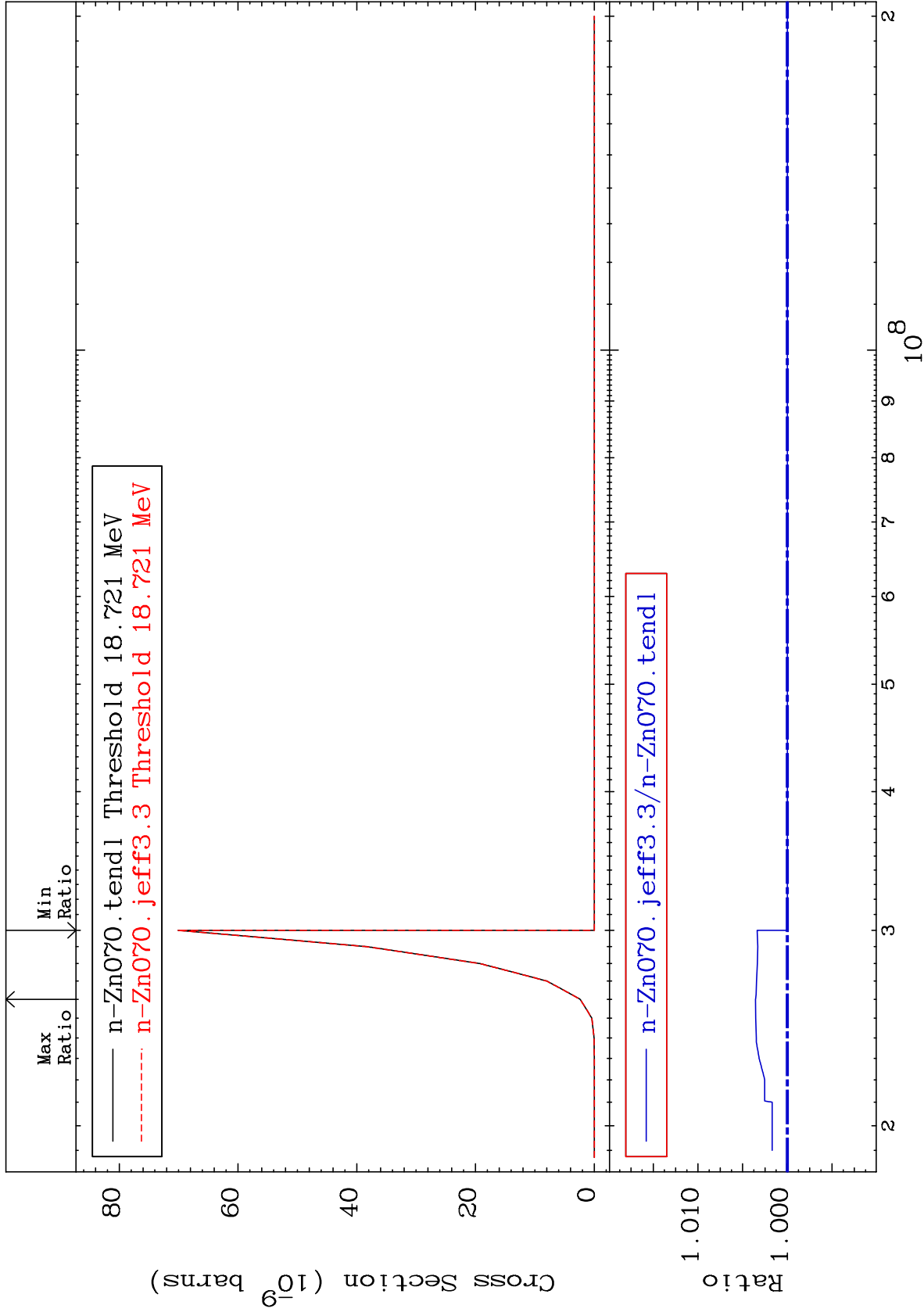
(n,p) d

30-Zn-70

Cross Section

0.000

To 0.355 %



40

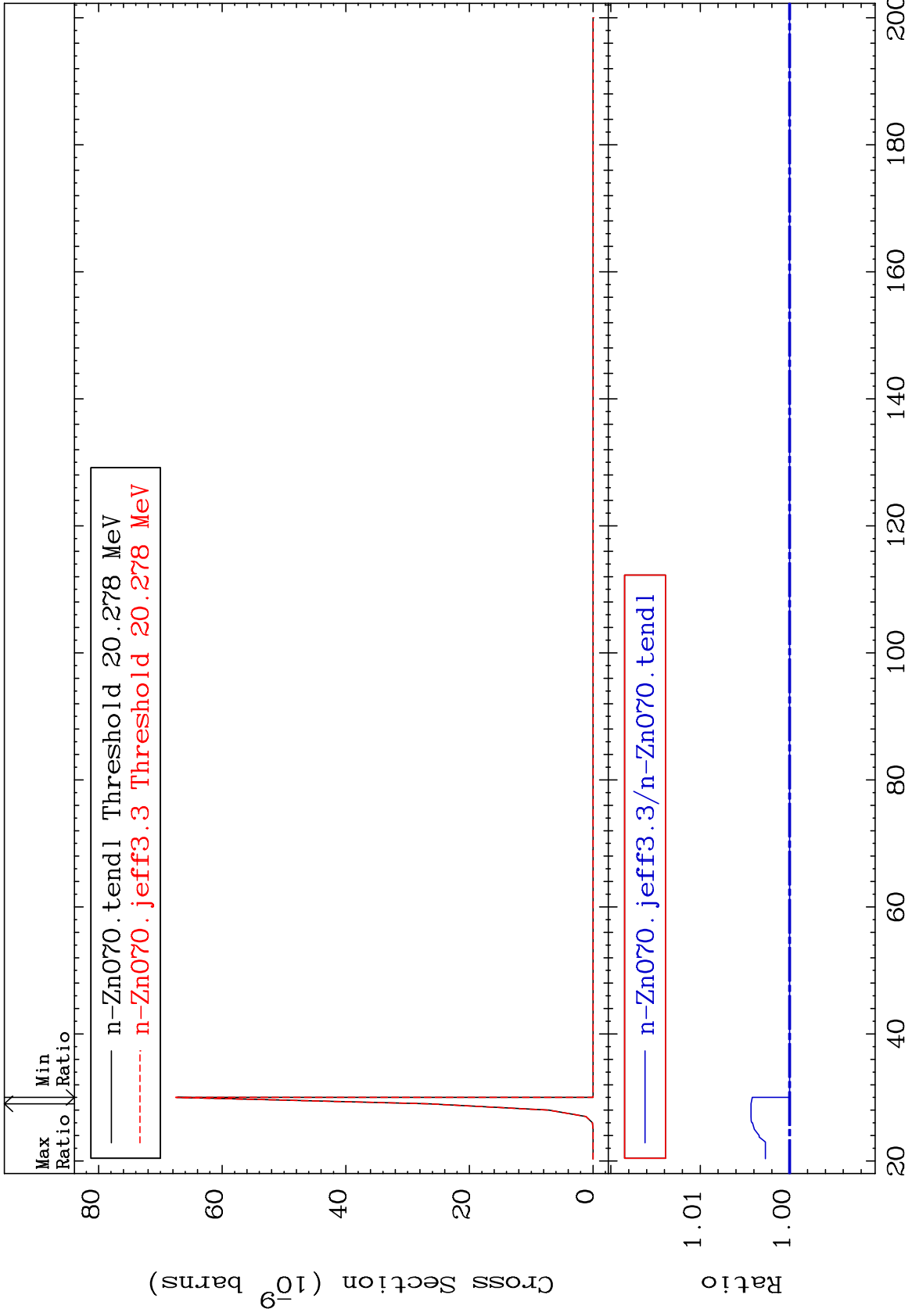
Incident Energy (eV)

30-Zn-70

MAT 3043

(n, p) t
Cross Section

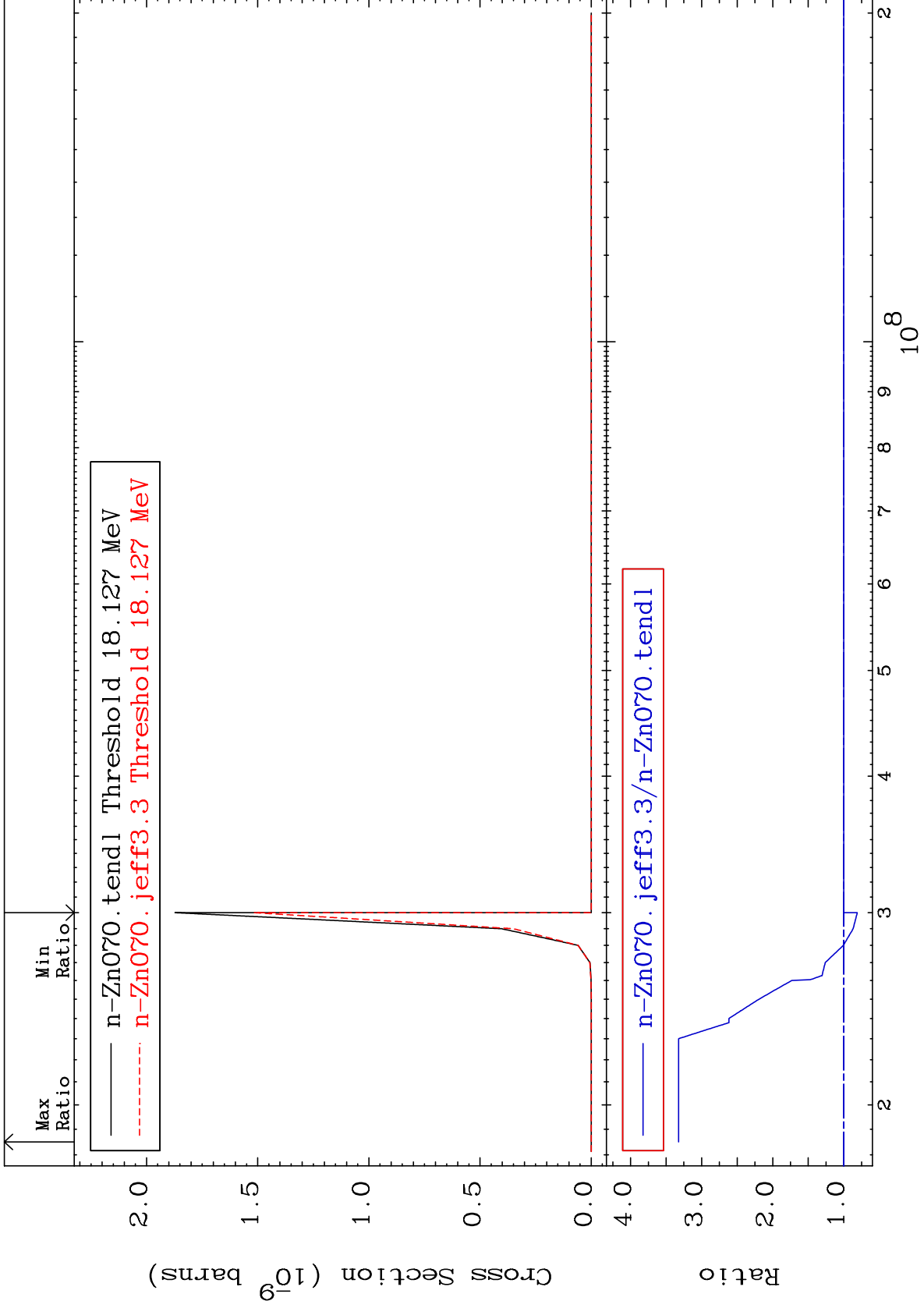
30-Zn-70
0.000 To 0.432 %



MAT 3043

(n, d) α
Cross Section

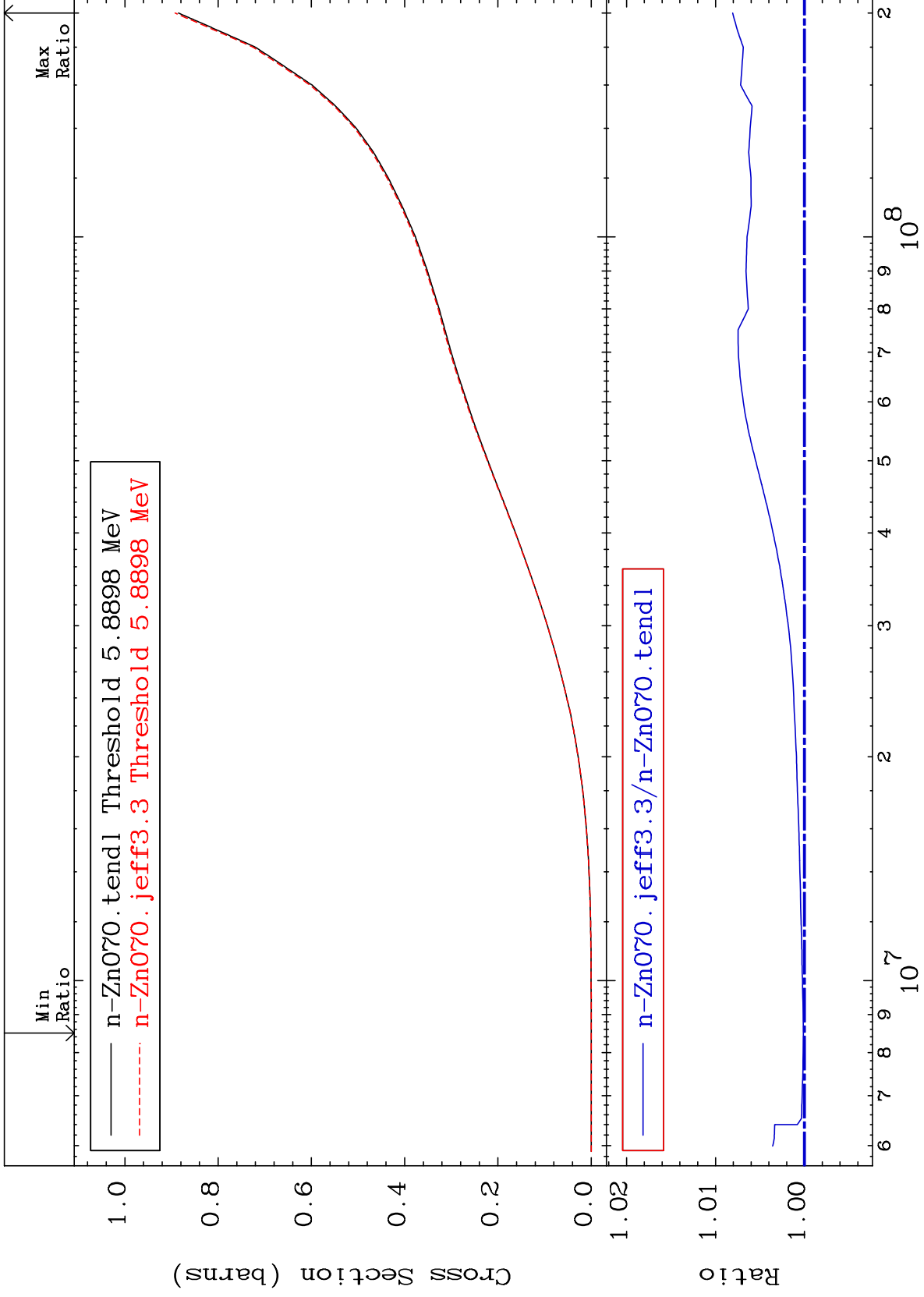
30-Zn-70
-18.96 To 232.4 %



MAT 3043

Hydrogen Production
Cross Section

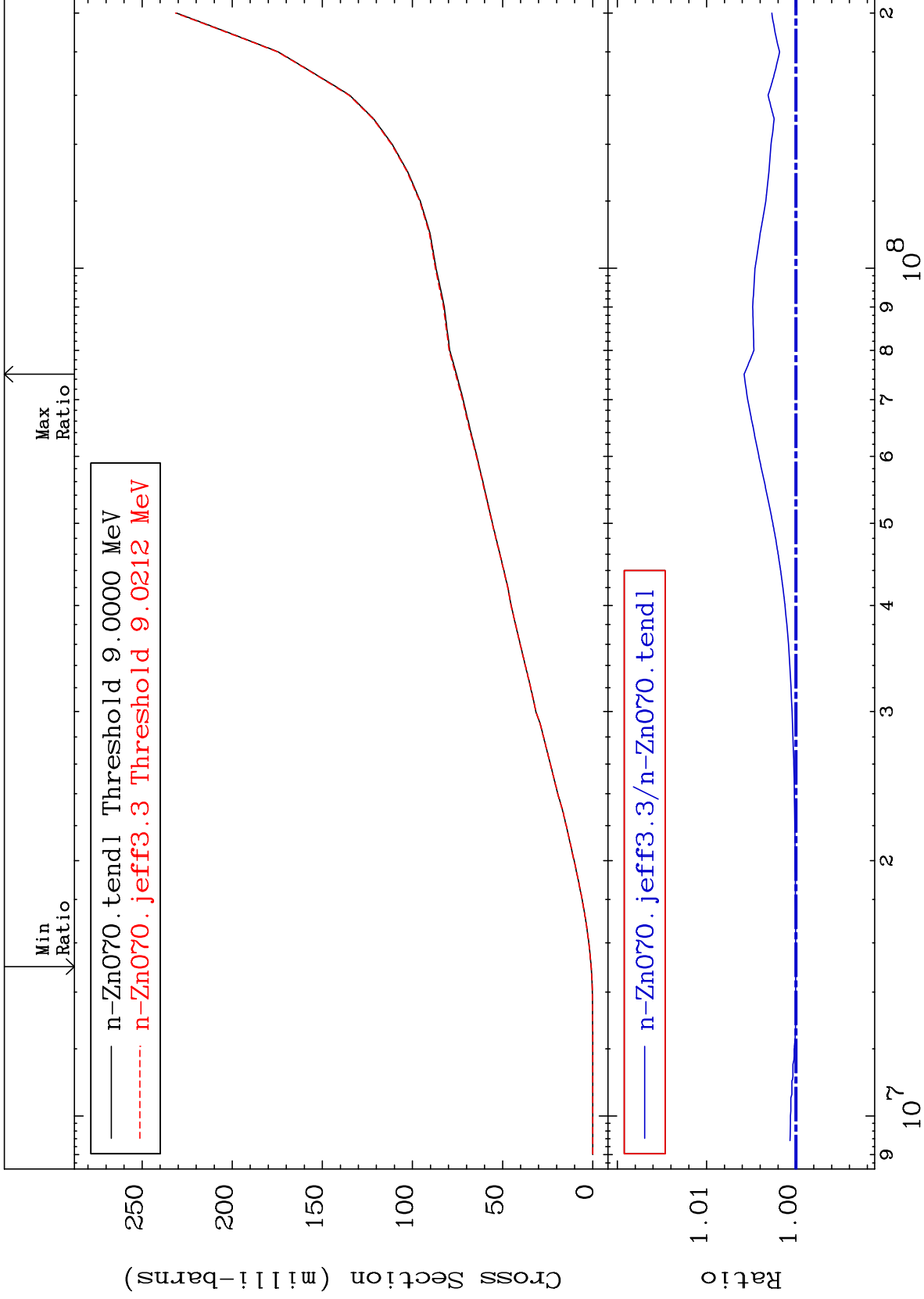
30-Zn-70
0.013 To 0.808 %



MAT 3043

Deuterium Production
Cross Section

30-Zn-70
To 0.580 %



44

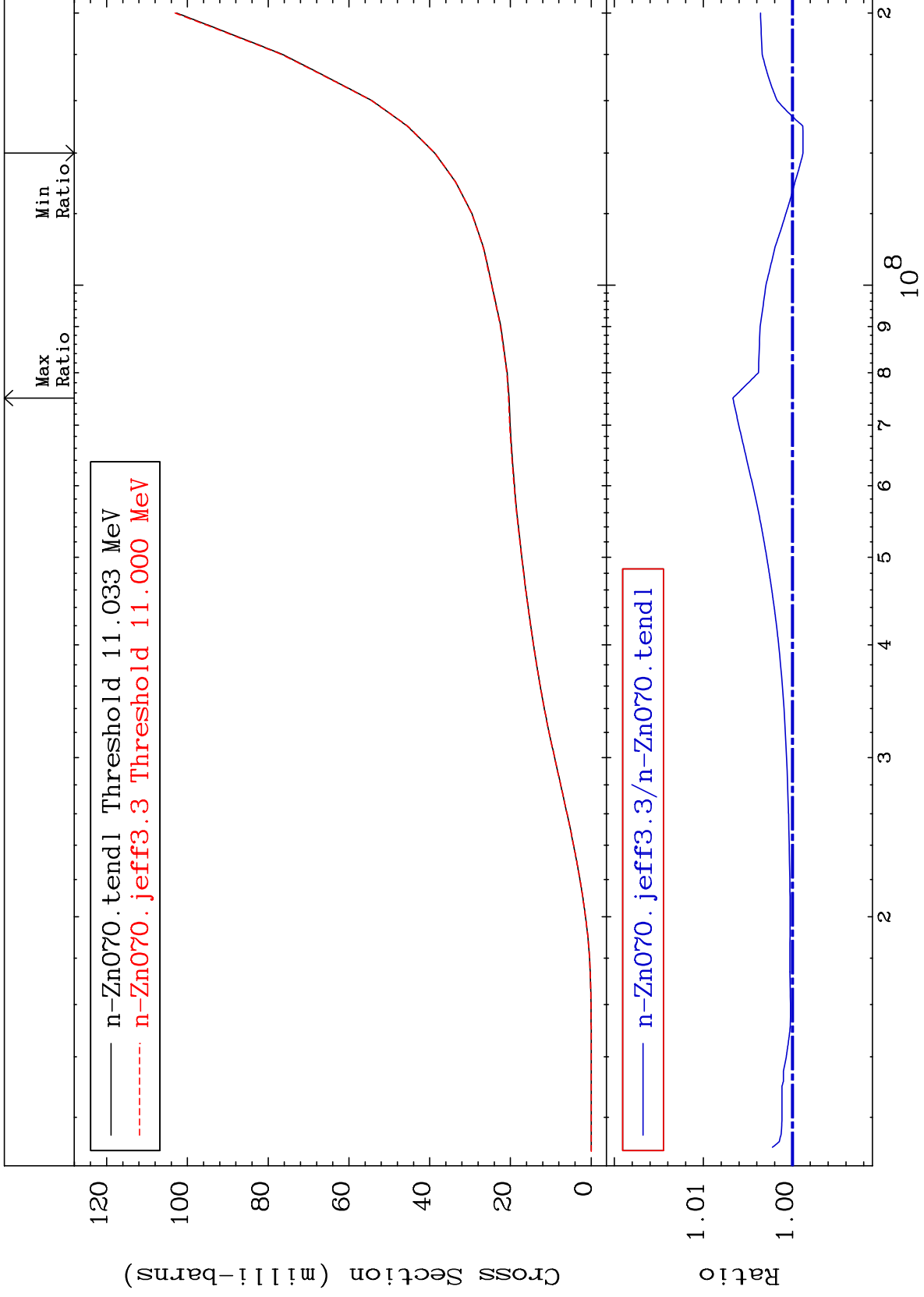
Incident Energy (eV)

30-Zn-70

MAT 3043

Tritium Production
Cross Section

30-Zn-70
-0.118 To 0.670 %



45

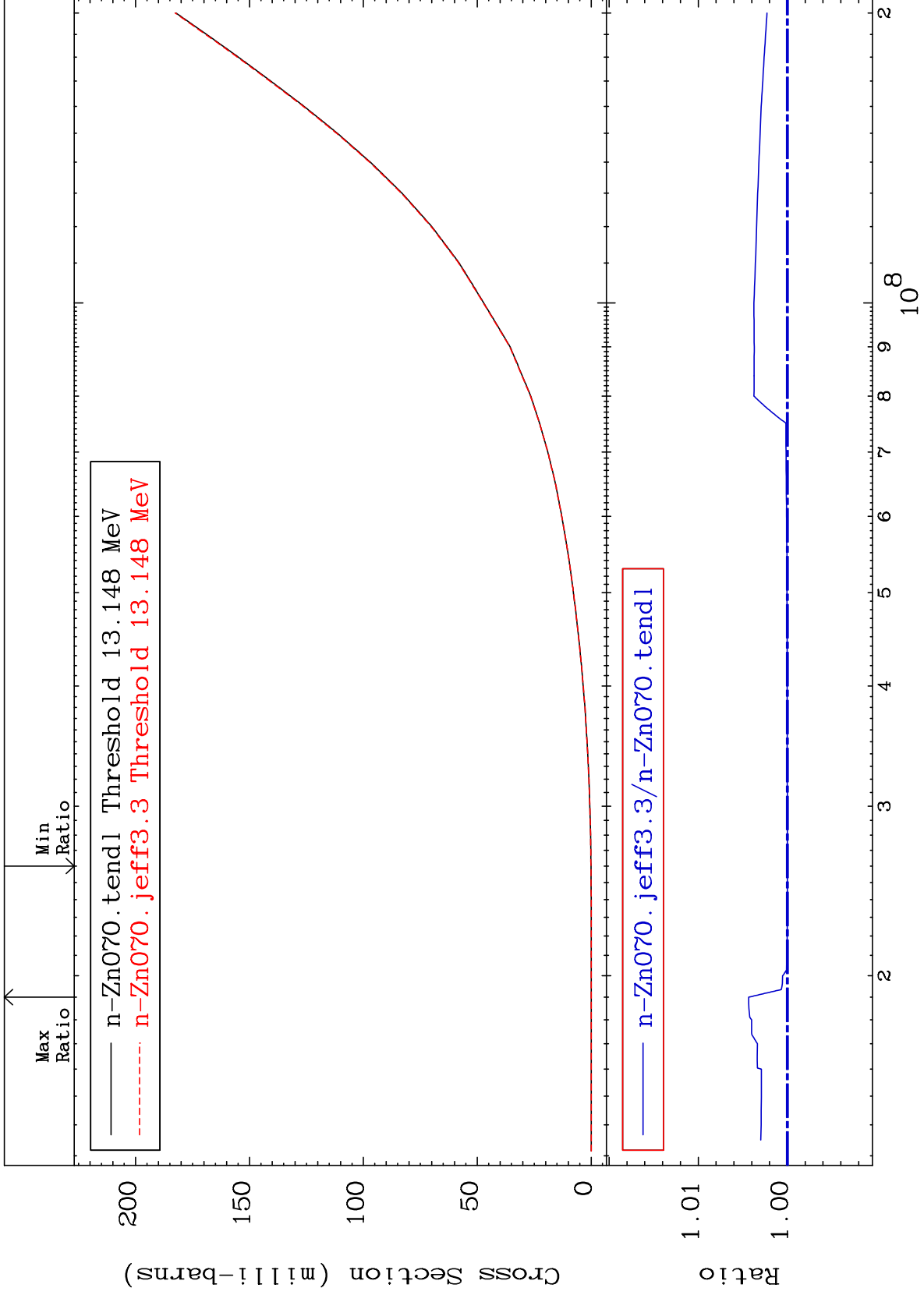
Incident Energy (eV)

30-Zn-70

MAT 3043

He-3 Production
Cross Section

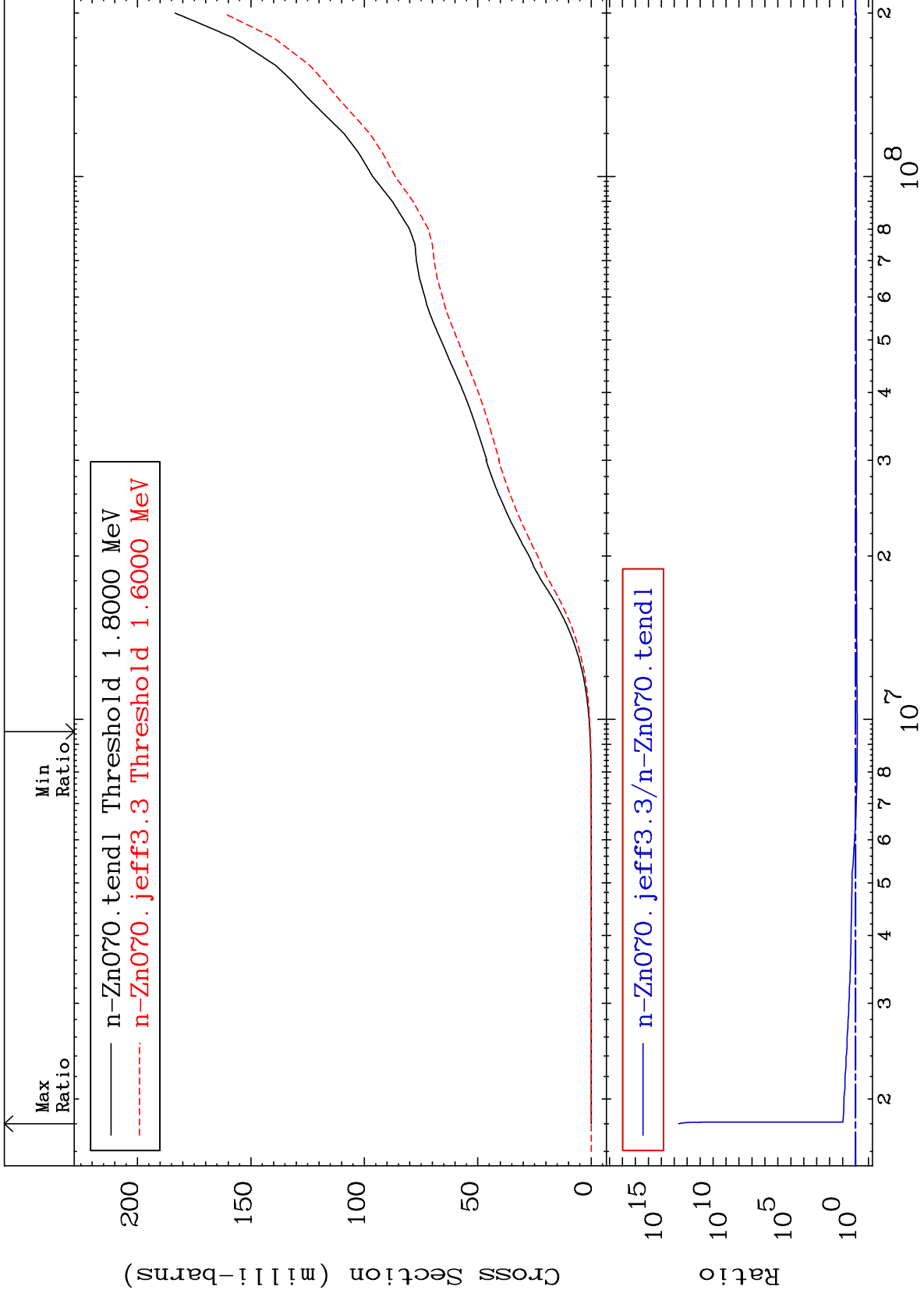
30-Zn-70
To 0.435 %

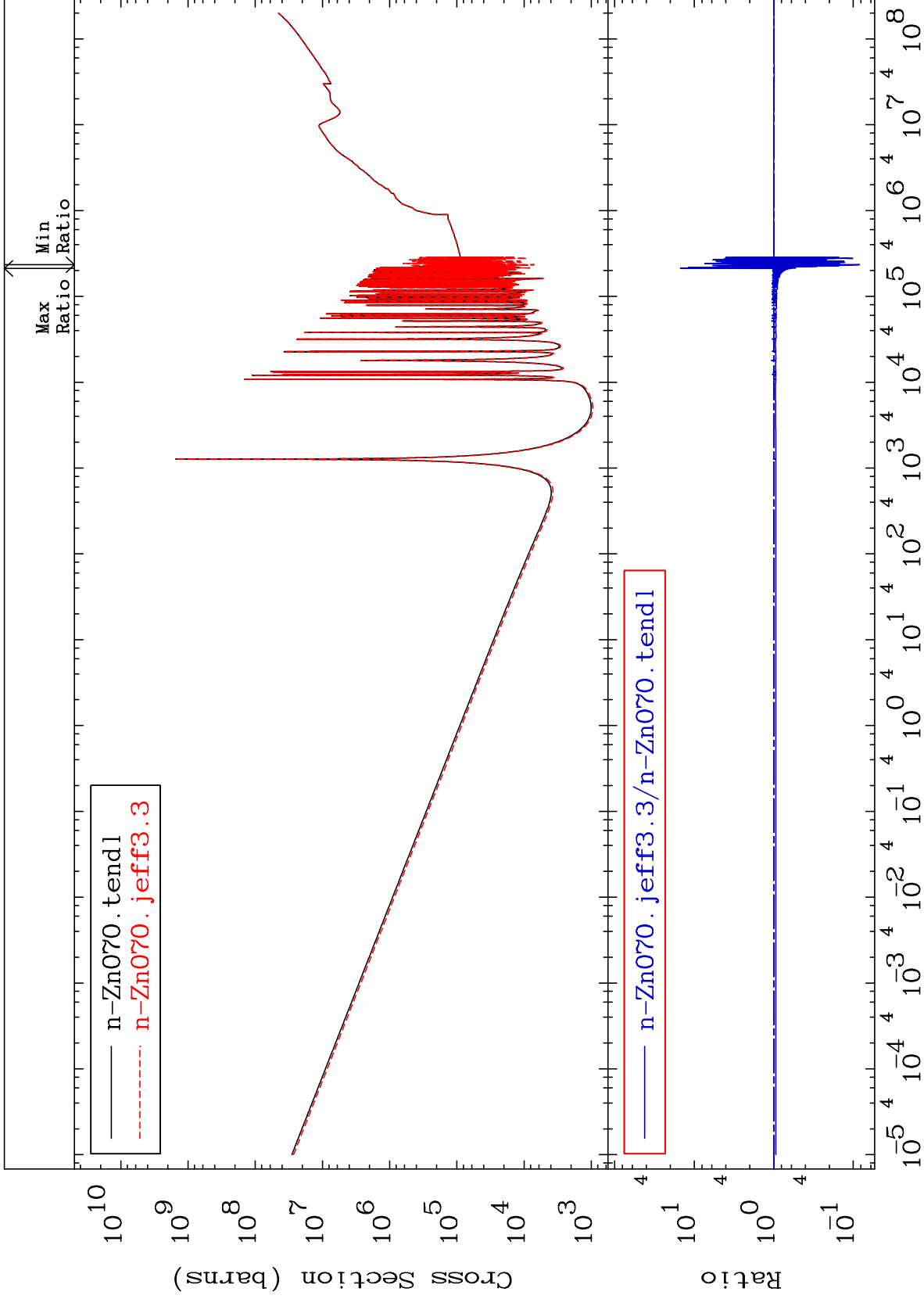


MAT 3043

He-4 Production
Cross Section

30-Zn-70
-26.04 To 9999. %

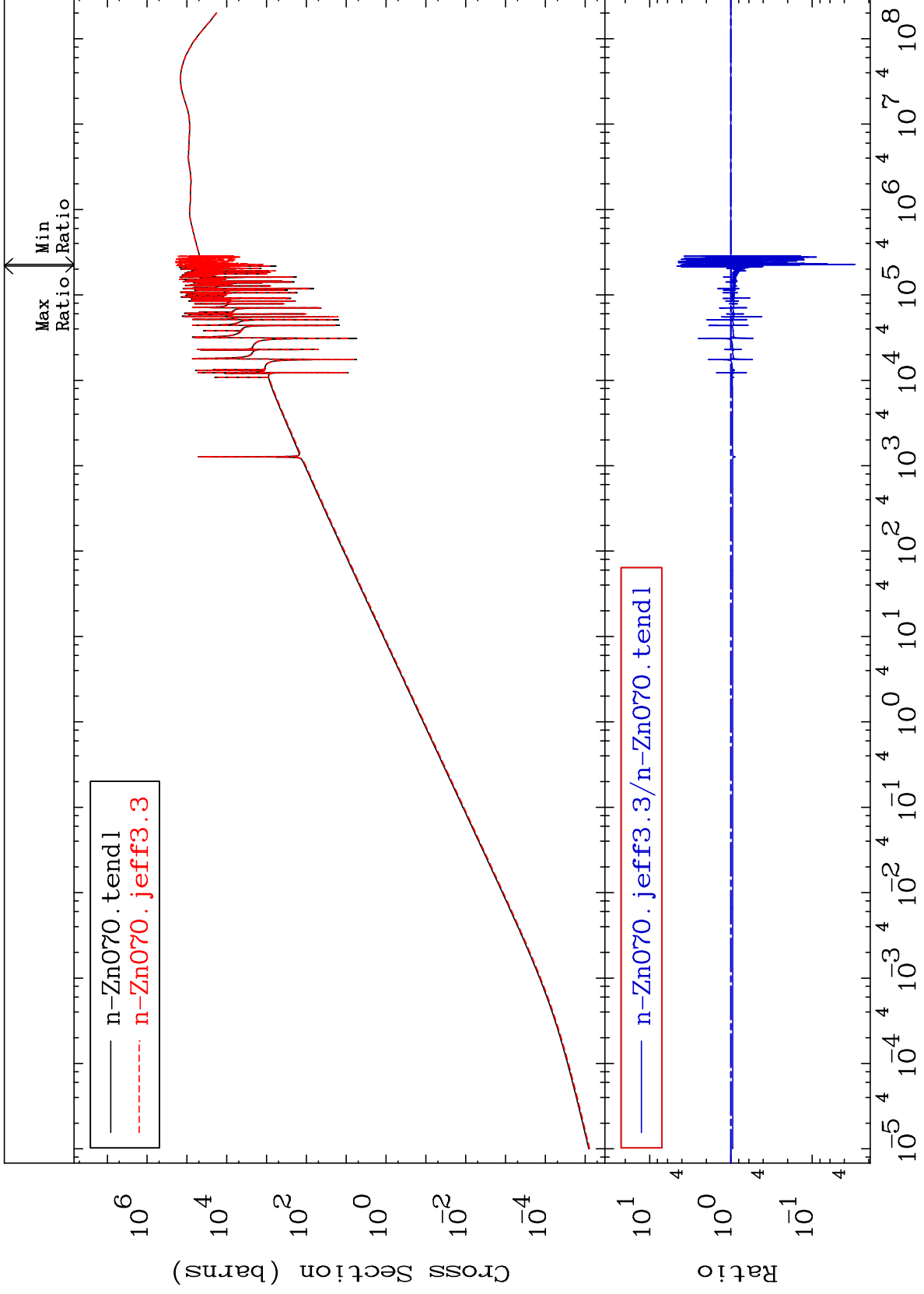




MAT 3043

Kerma elastic
Cross Section

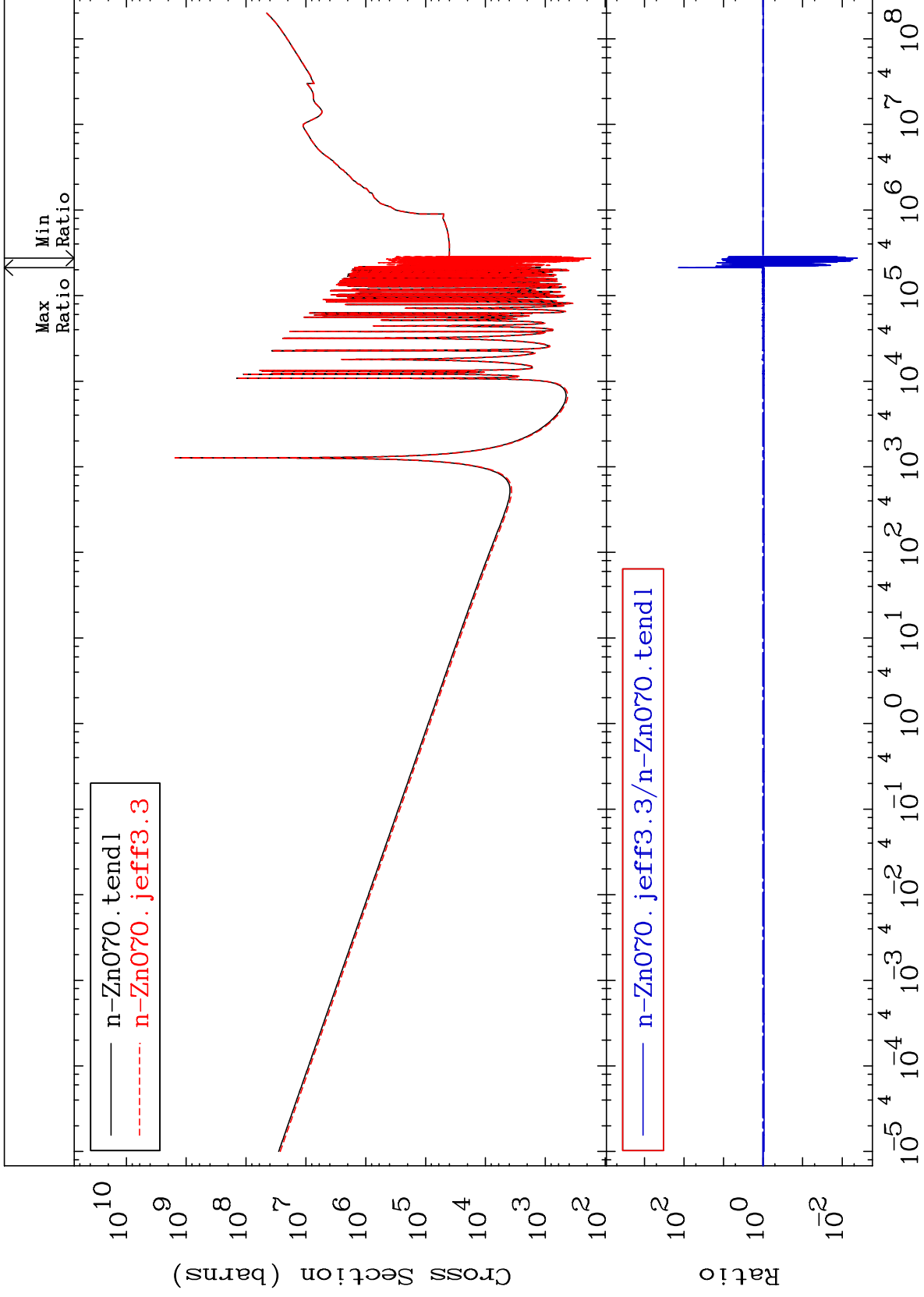
30-Zn-70
-97.05 To 361.0 %



MAT 3043

Kerma non-elastic (all but mt2)
Cross Section

30-Zn-70
-99.58 To 9999. %



50

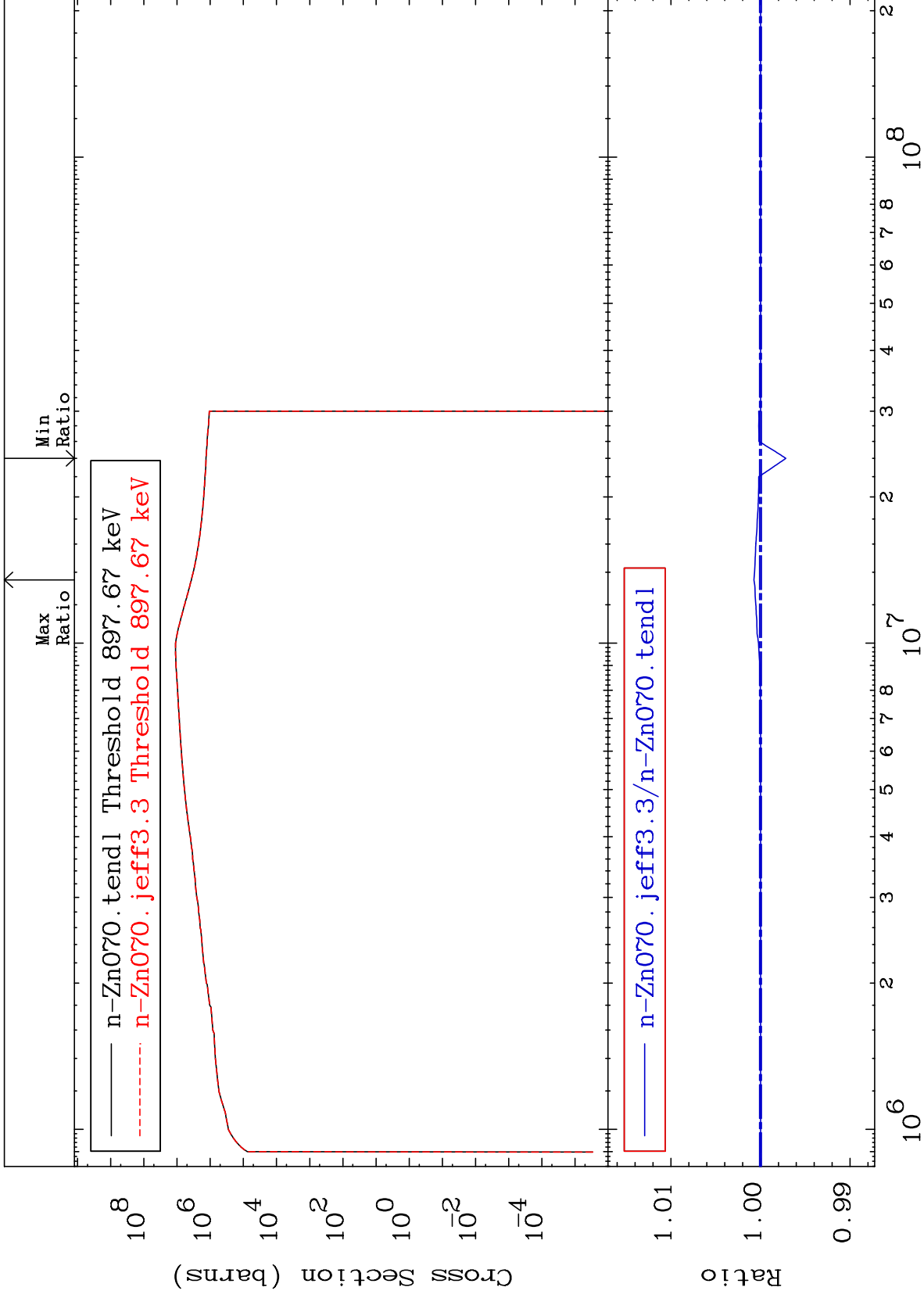
Incident Energy (eV)

30-Zn-70

MAT 3043

Kerma inelastic (mt51-91)
Cross Section

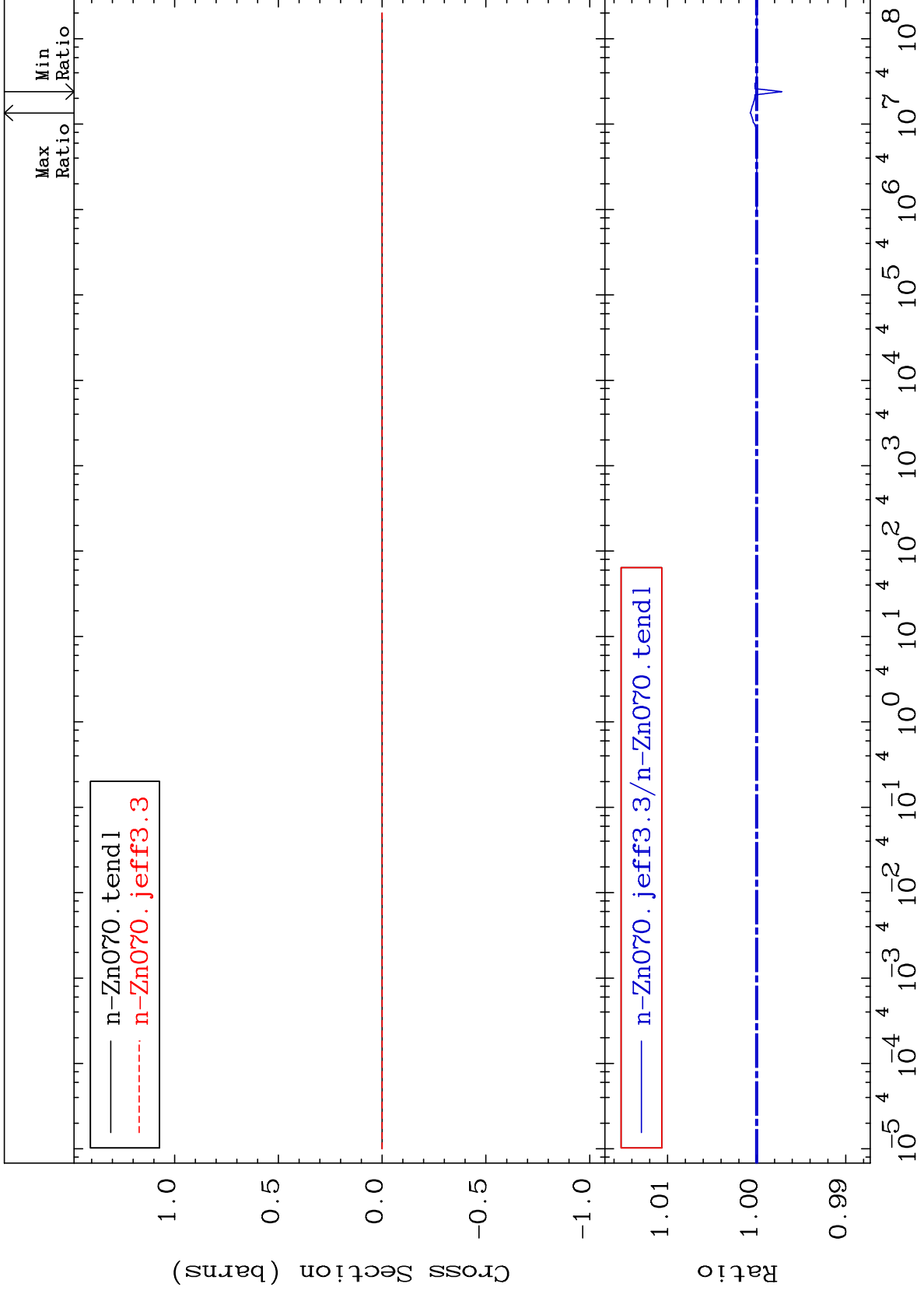
30-Zn-70
-0.283 To 0.073 %



51

Incident Energy (eV)

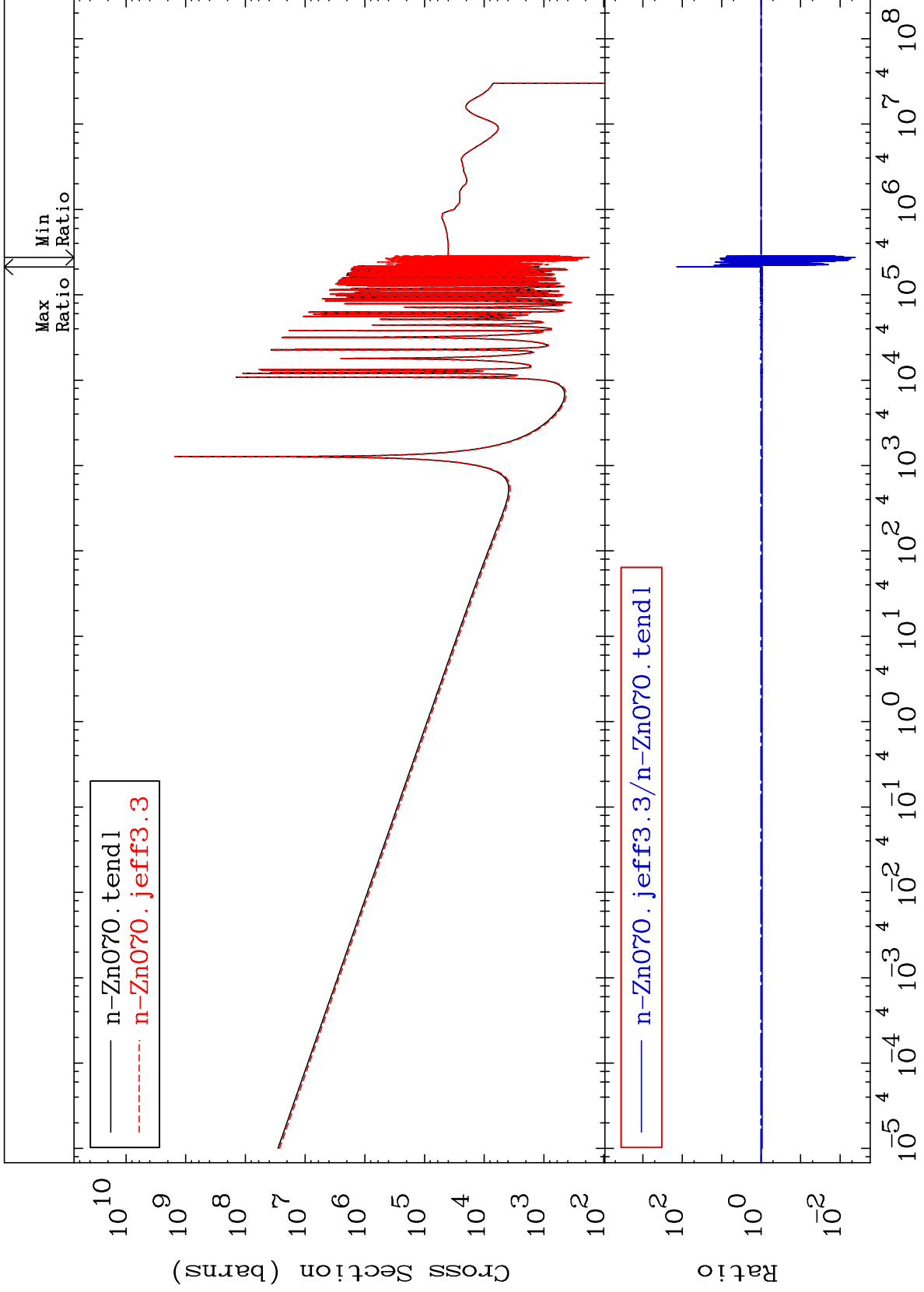
30-Zn-70



MAT 3043

Kerma capture (mt102)
Cross Section

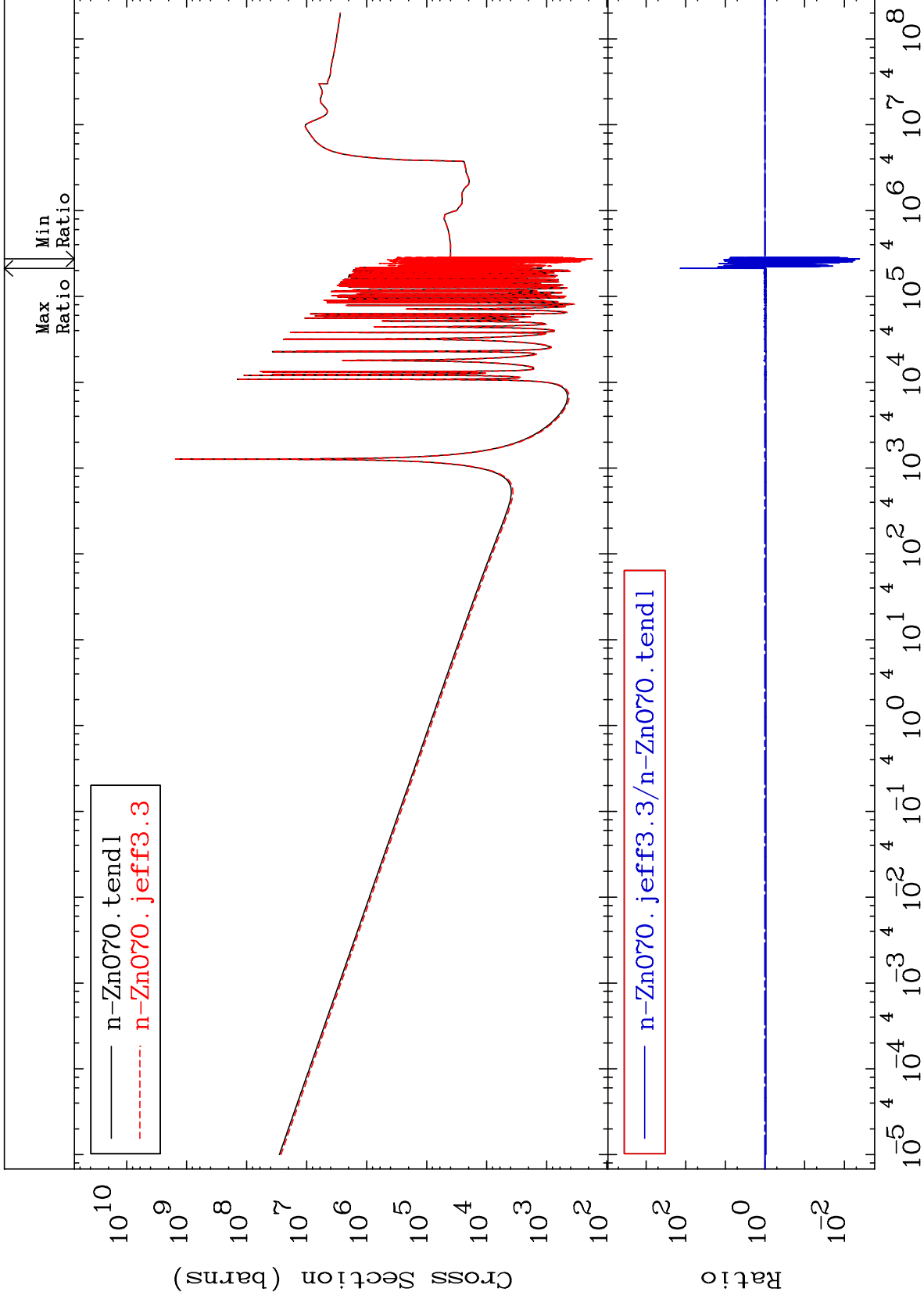
30-Zn-70
-99.58 To 9999. %

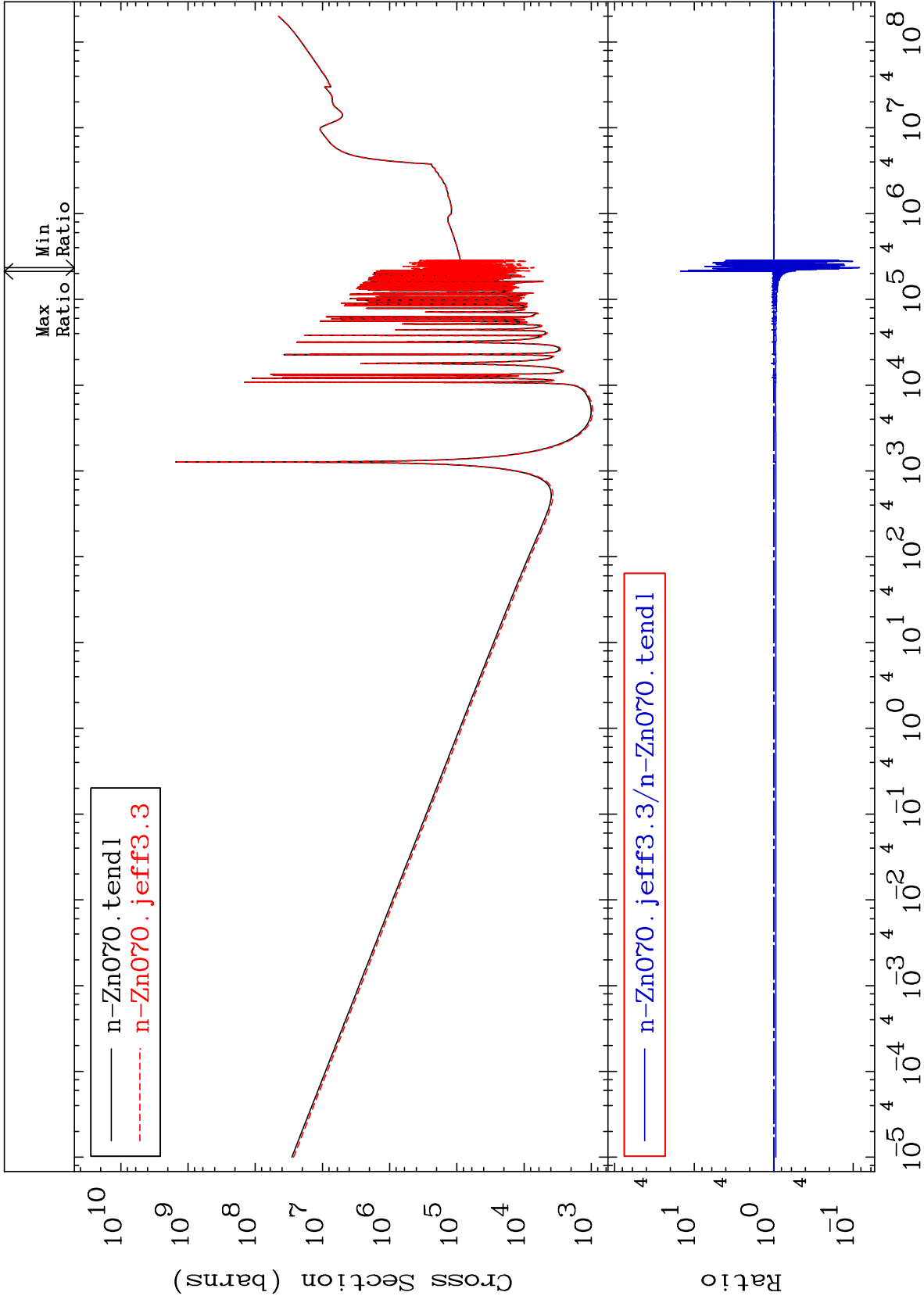


53

Incident Energy (eV)

30-Zn-70

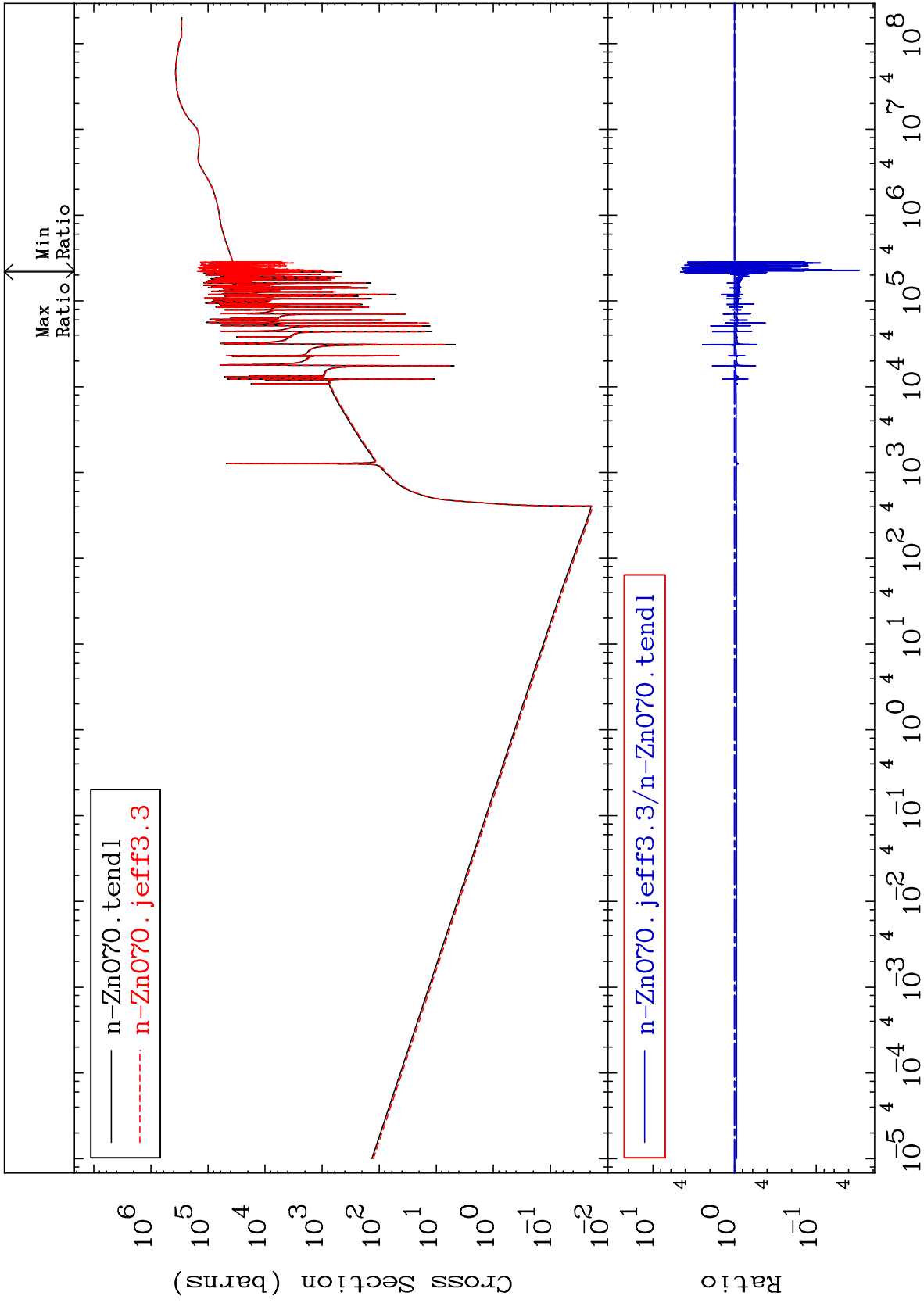




MAT 3043

Dpa total (eV-barns)
Cross Section

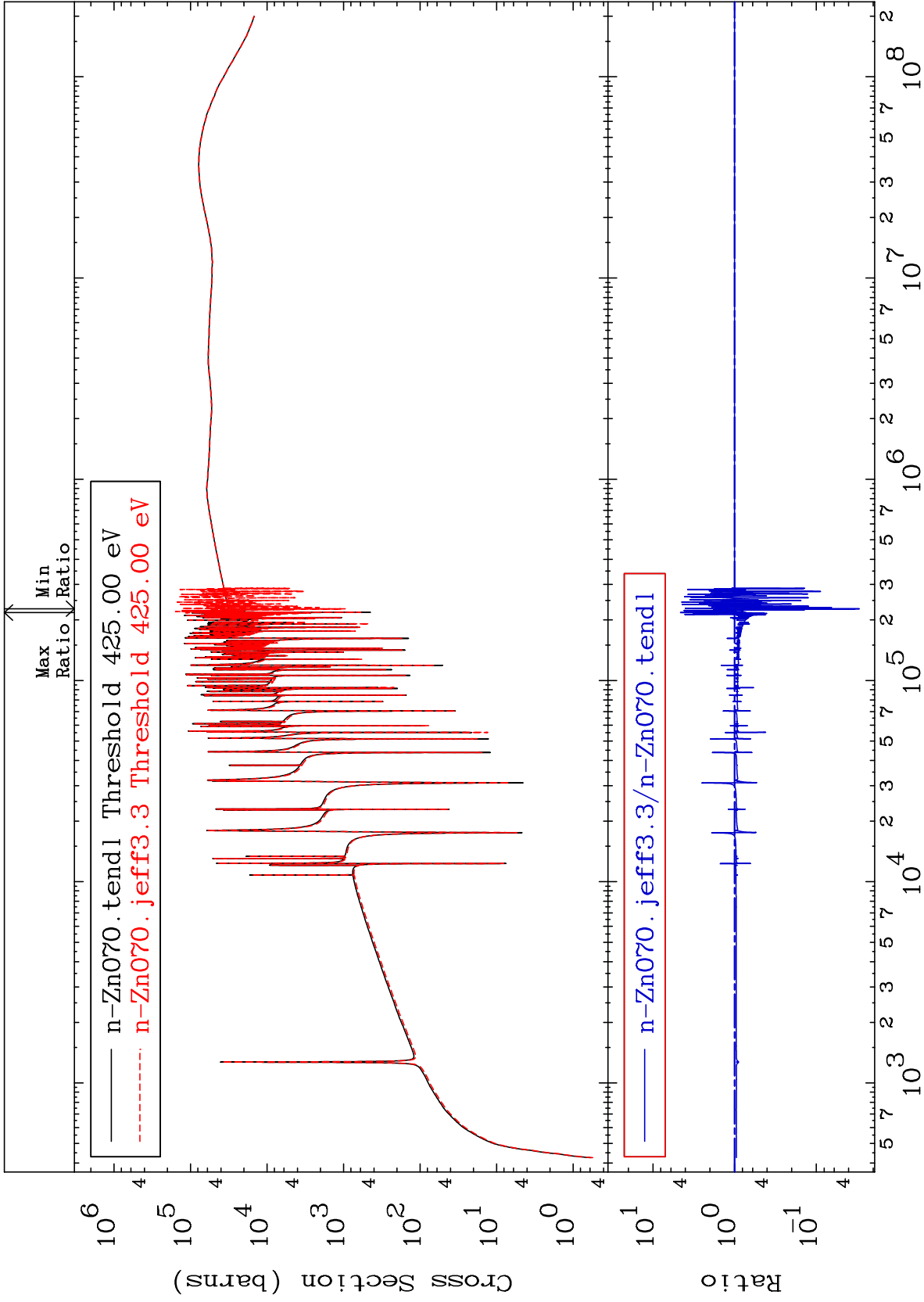
30-Zn-70
-97.05 To 361.0 %



56

Incident Energy (eV)

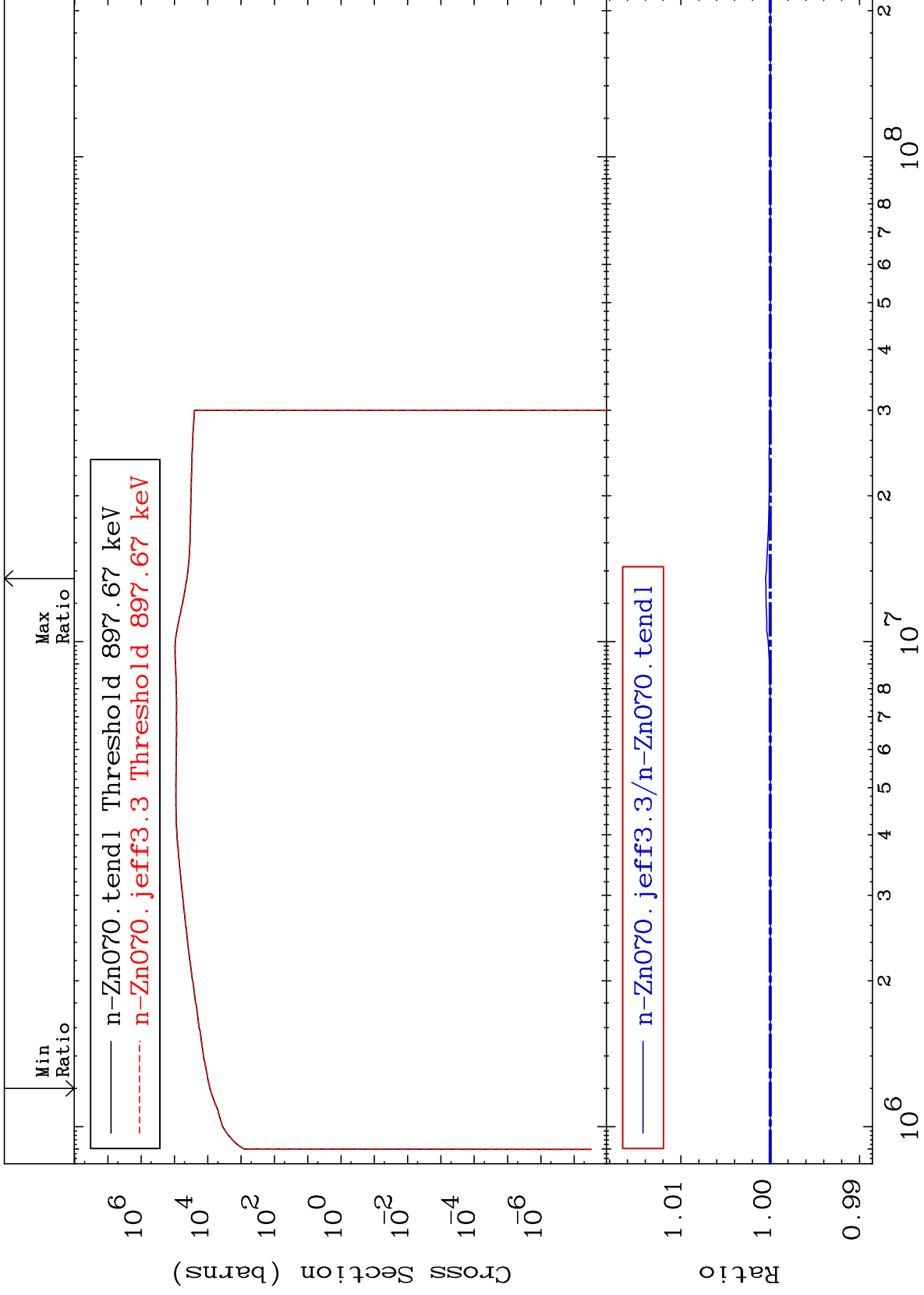
30-Zn-70

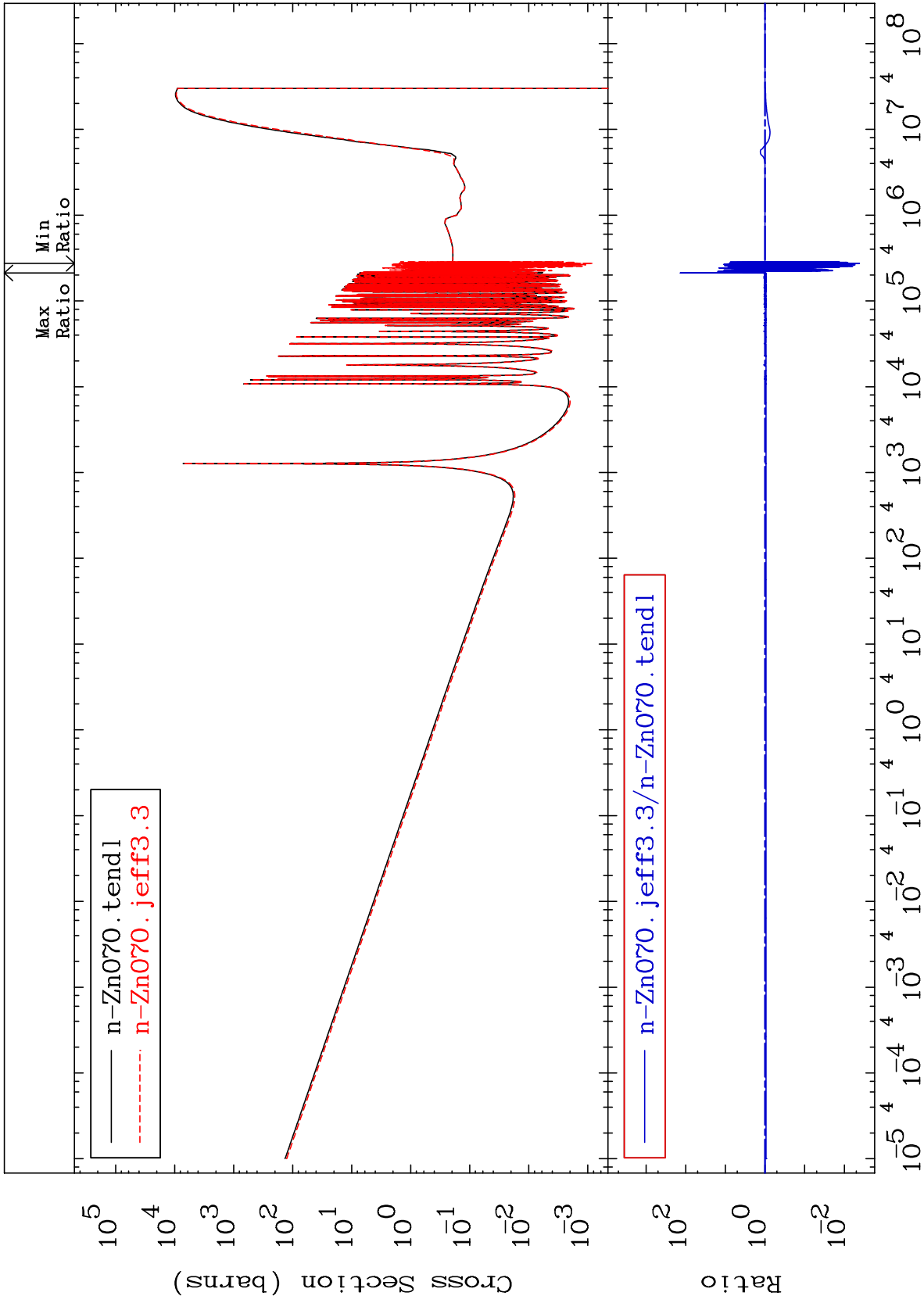


MAT 3043

Dpa inelastic (mt51-91)
Cross Section

30-Zn-70
-0.001 To 0.052 %



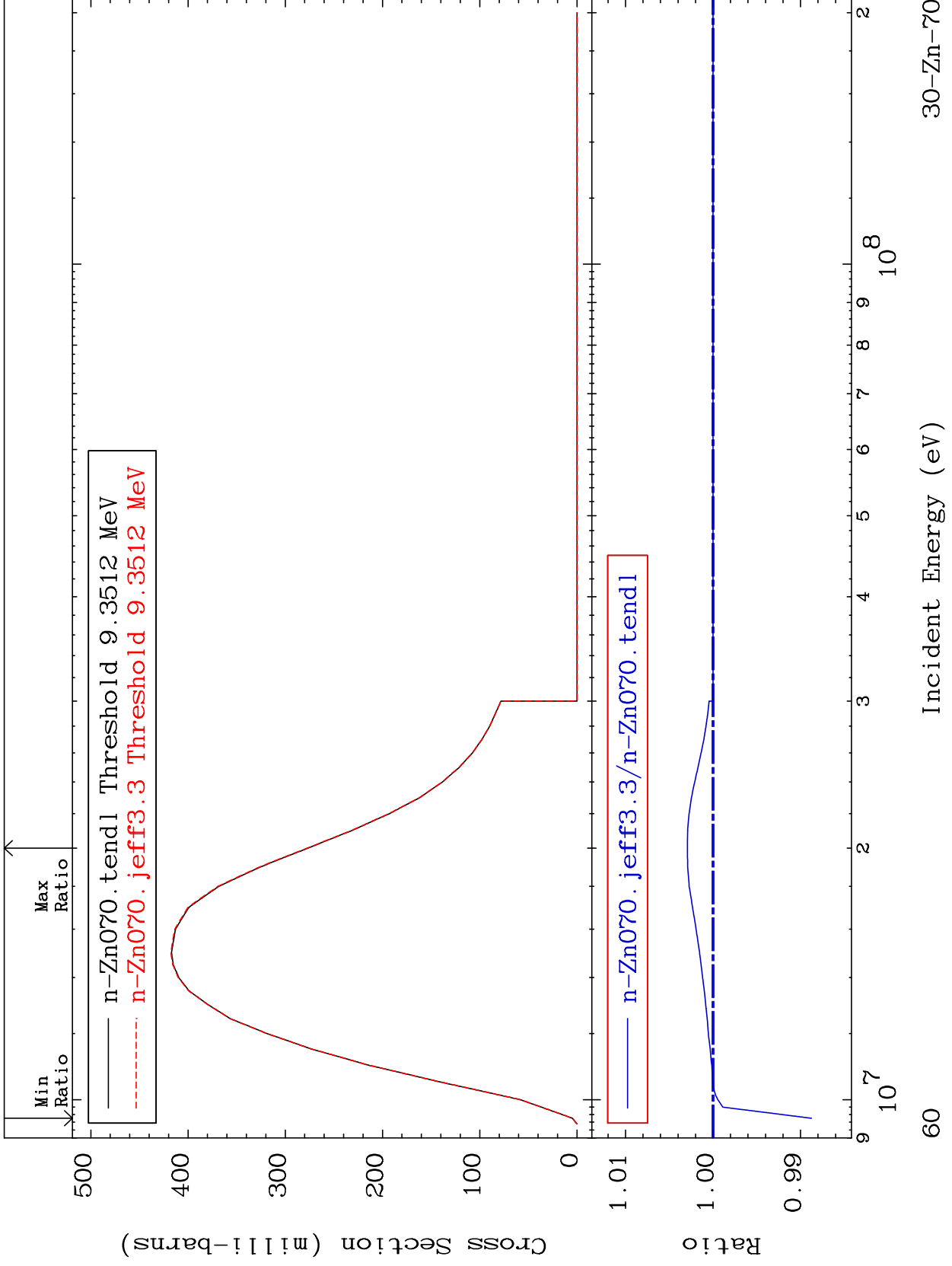


MAT 3043

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

30-Zn-70

Radionuclide Production Cross Section -1.125 To 0.292 %

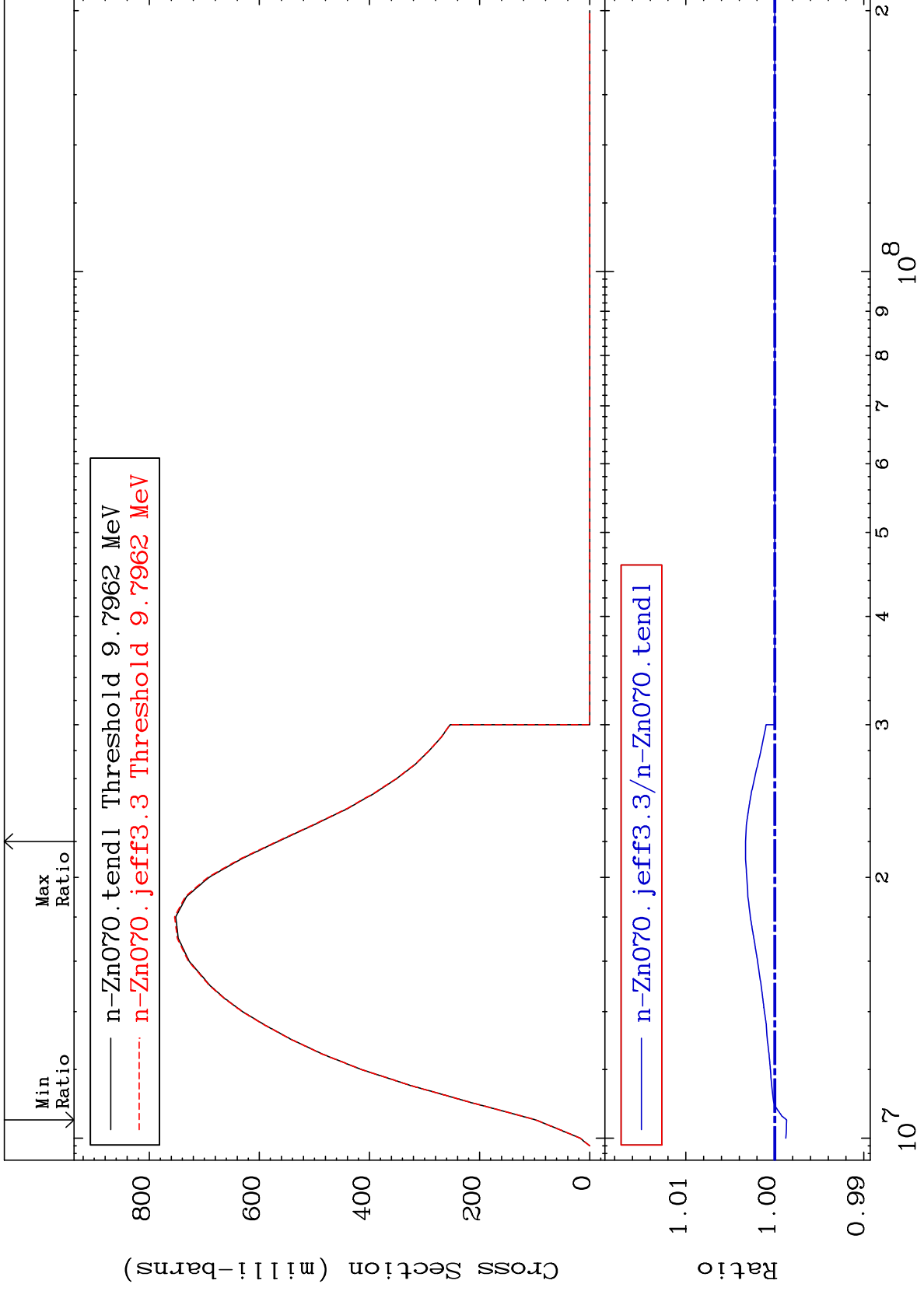


MAT 3043

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

30-Zn-70

Radionuclide Production Cross Section -0.132 To 0.330 %



61

Incident Energy (eV)

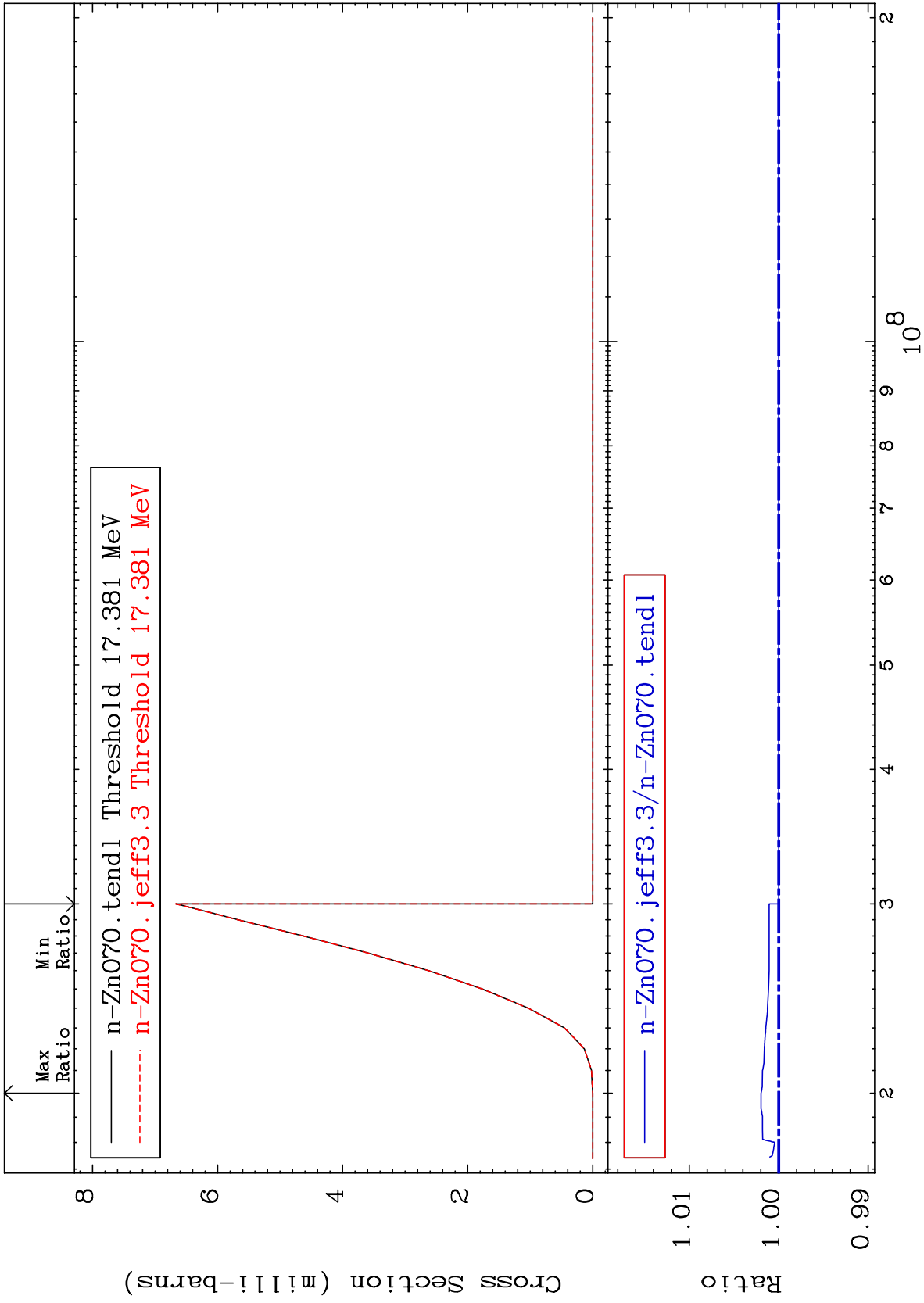
30-Zn-70

MAT 3043

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

30-Zn-70

Radionuclide Production Cross Section 0.000 To 0.197 %

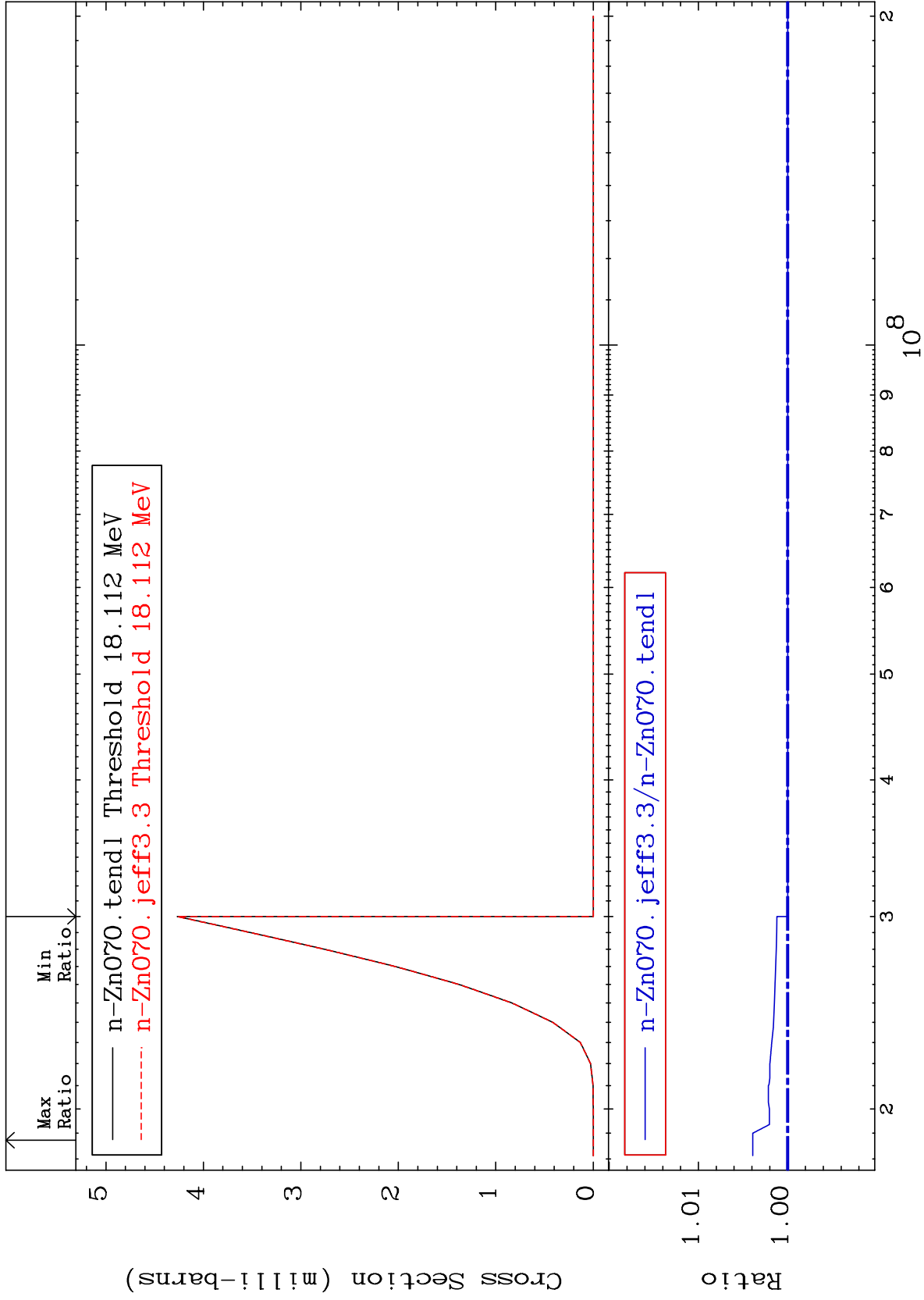


MAT 3043

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

30-Zn-70

Radionuclide Production Cross Section 0.000 To 0.392 %



63

Incident Energy (eV)

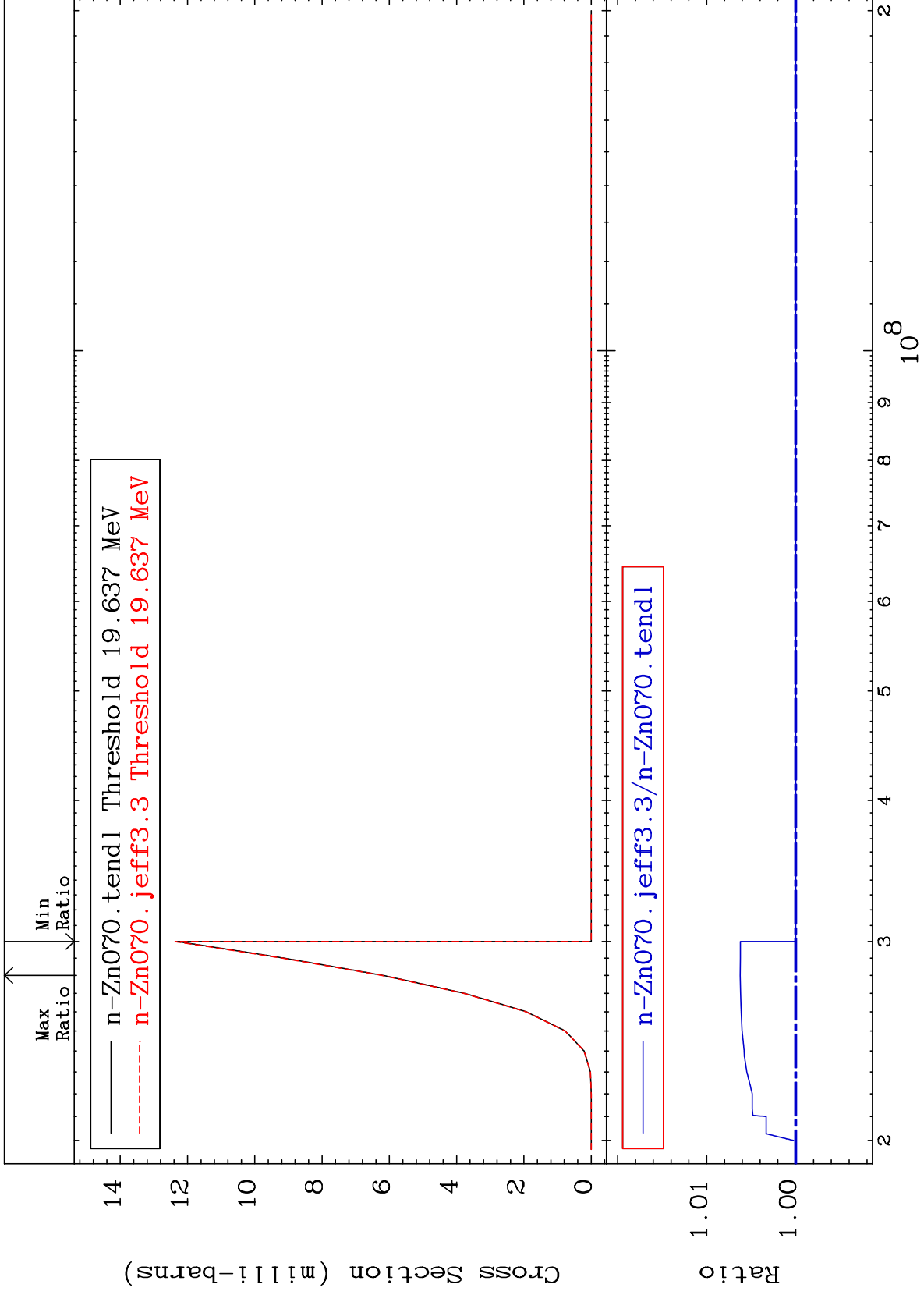
30-Zn-70

MAT 3043

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

30-Zn-70

Radionuclide Production Cross Section 0.000 To 0.624 %



64

Incident Energy (eV)

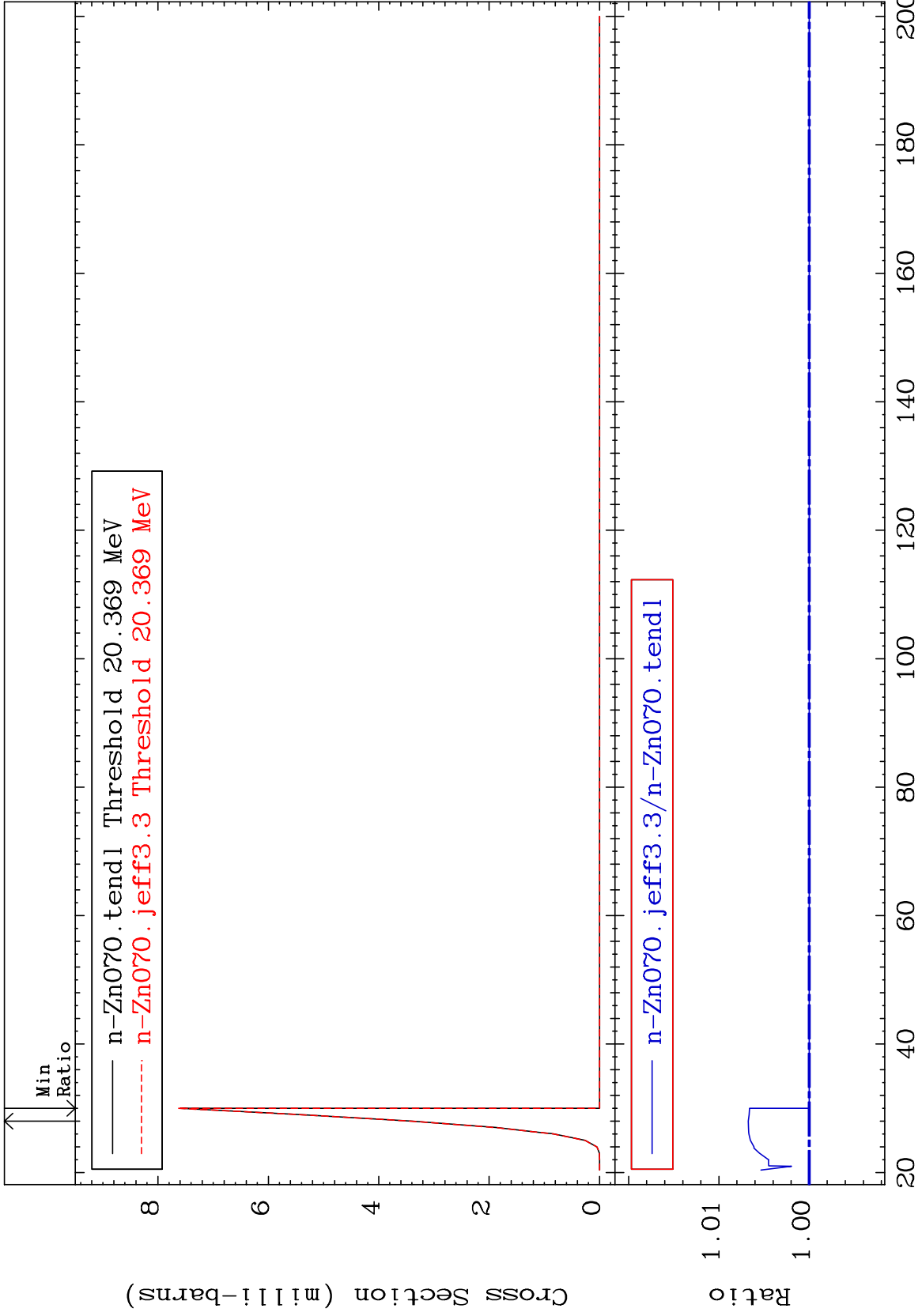
30-Zn-70

MAT 3043

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

30-Zn-70

Radionuclide Production Cross Section 0.000 To 0.674 %



65

Incident Energy (MeV)

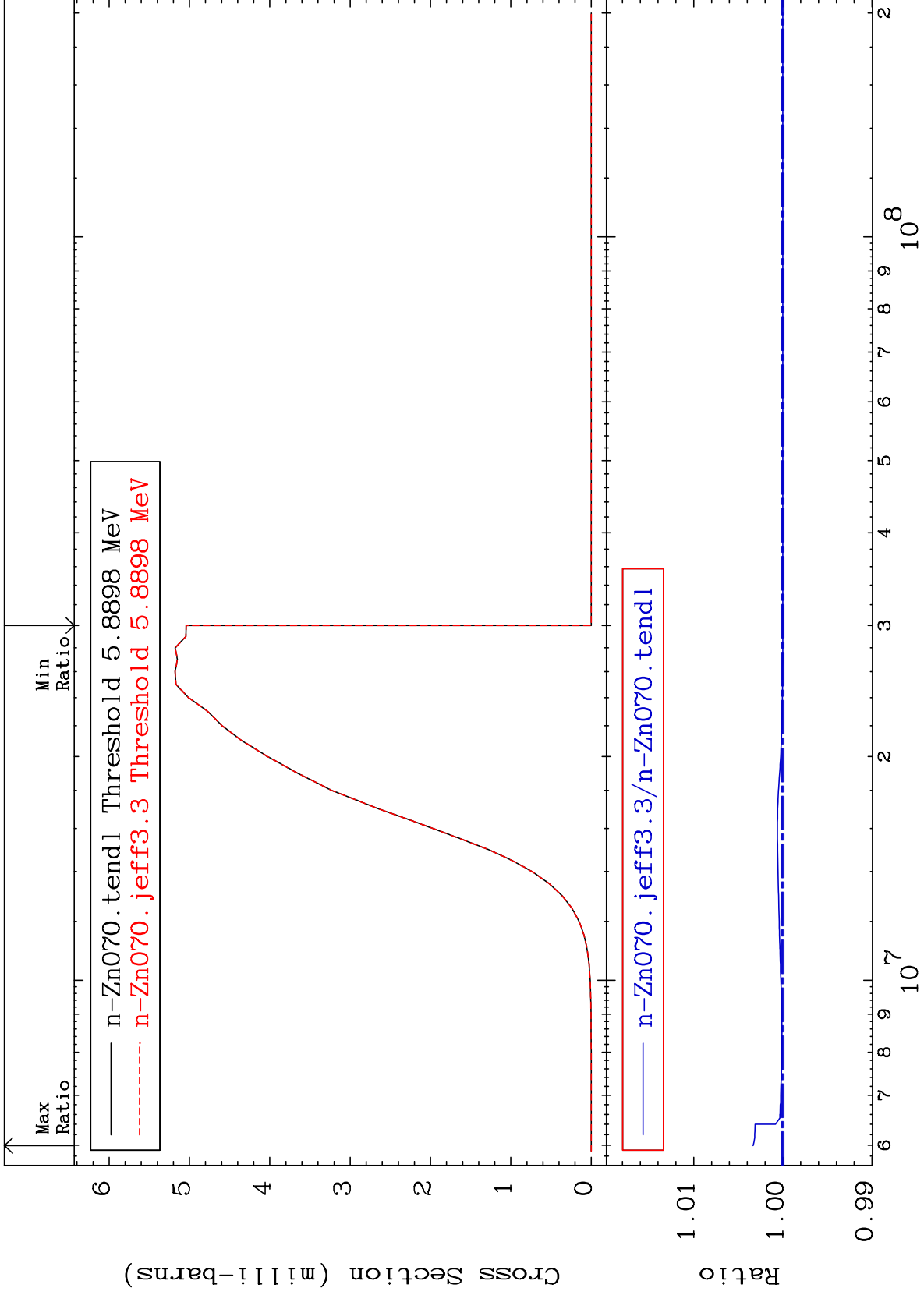
30-Zn-70

MAT 3043

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

30-Zn-70

Radionuclide Production Cross Section 0.000 To 0.335 %



66

Incident Energy (eV)

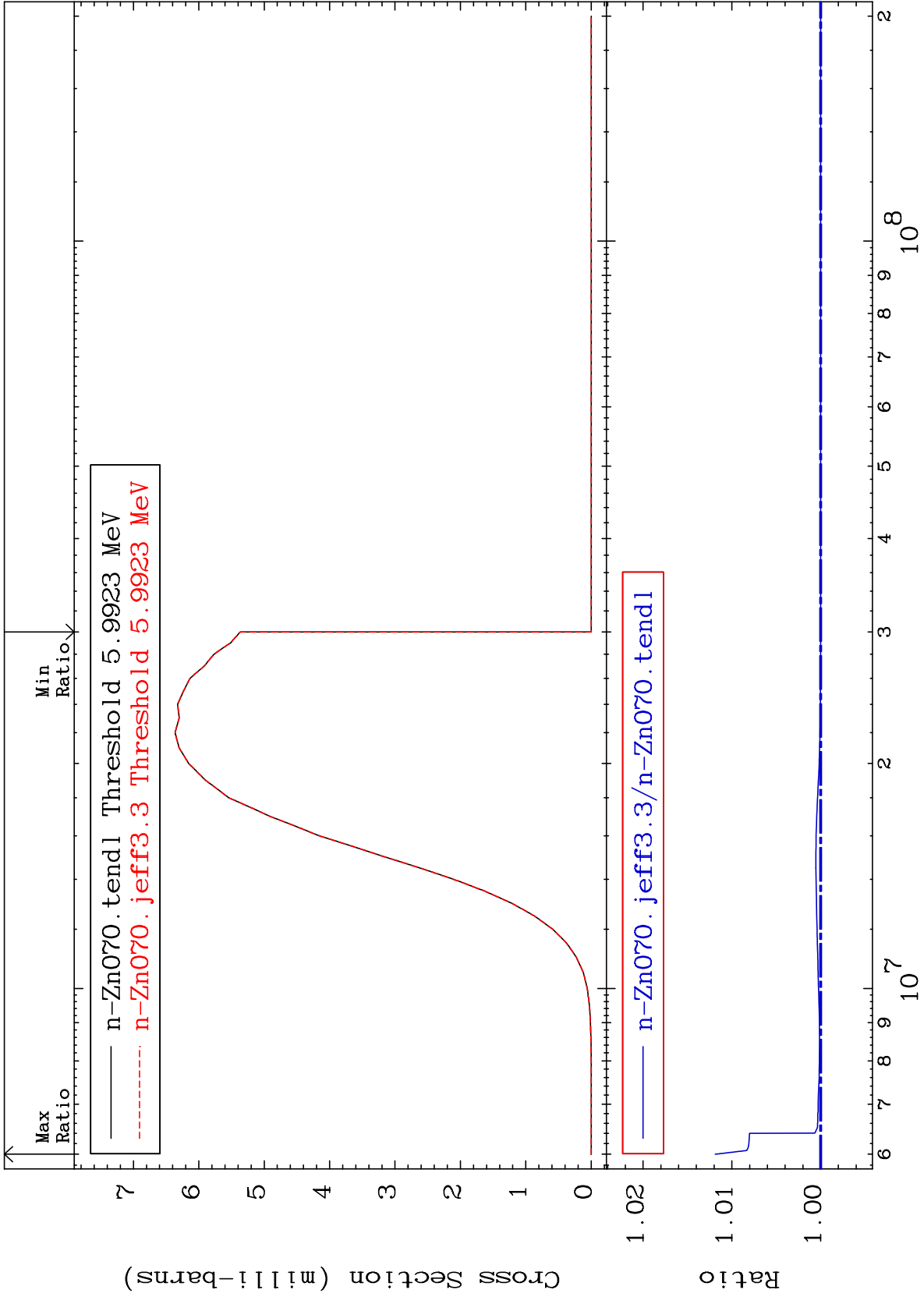
30-Zn-70

MAT 3043

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

30-Zn-70

Radionuclide Production Cross Section 0.000 To 1.187 %



67

Incident Energy (eV)

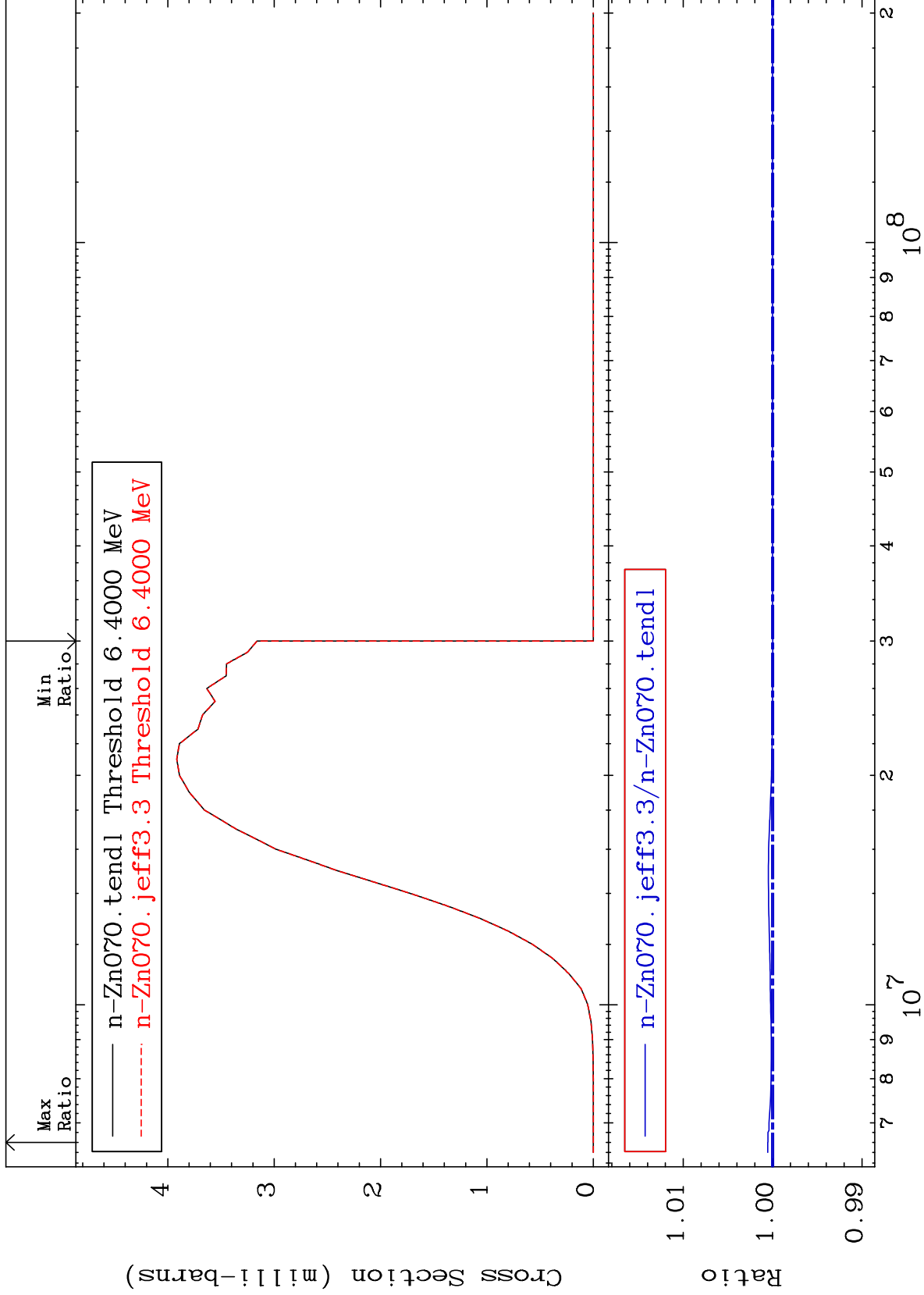
30-Zn-70

MAT 3043

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

30-Zn-70

Radionuclide Production Cross Section 0.000 To 0.056 %



68

Incident Energy (eV)

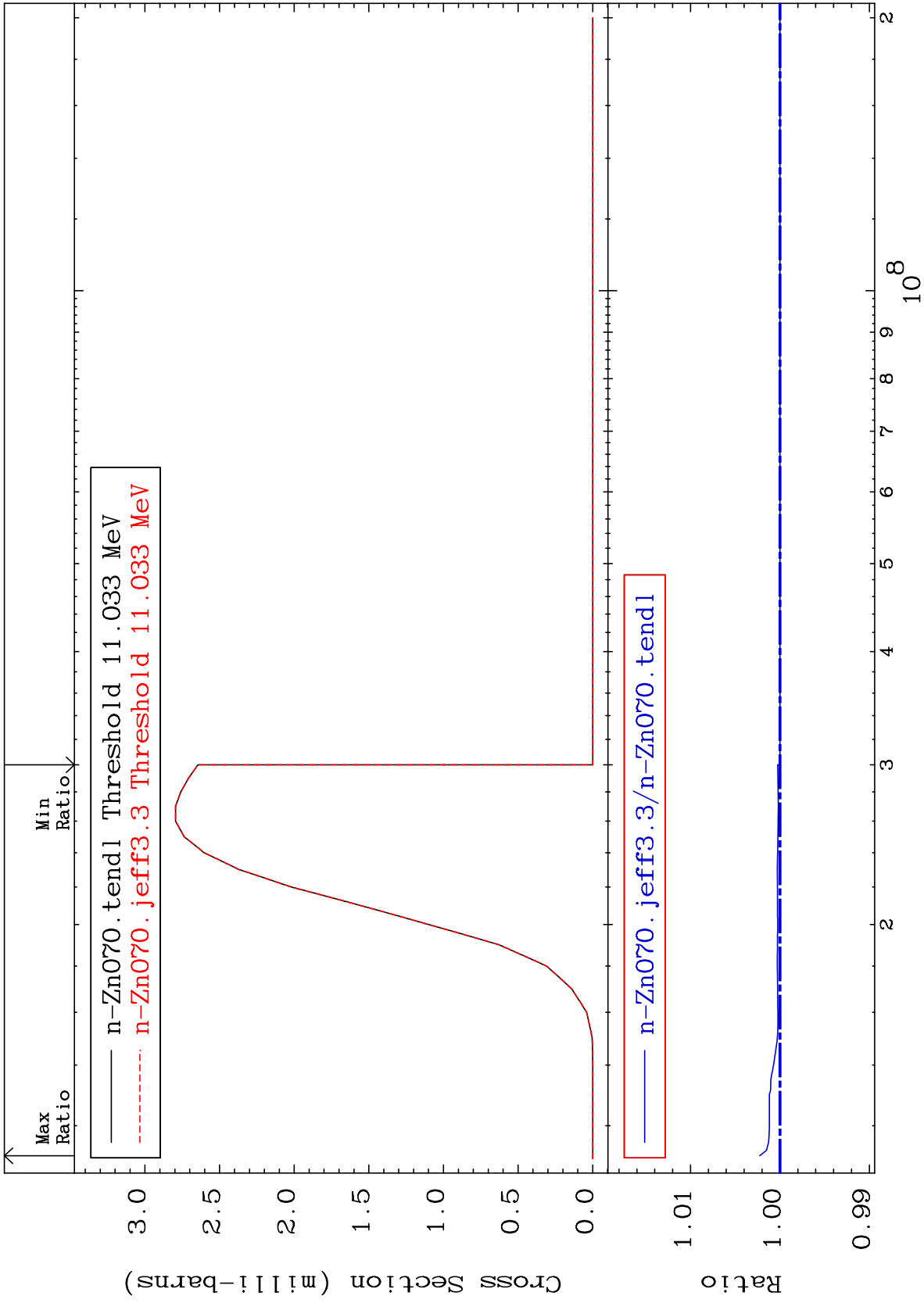
30-Zn-70

MAT 3043

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

30-Zn-70

Radionuclide Production Cross Section 0.000 To 0.225 %

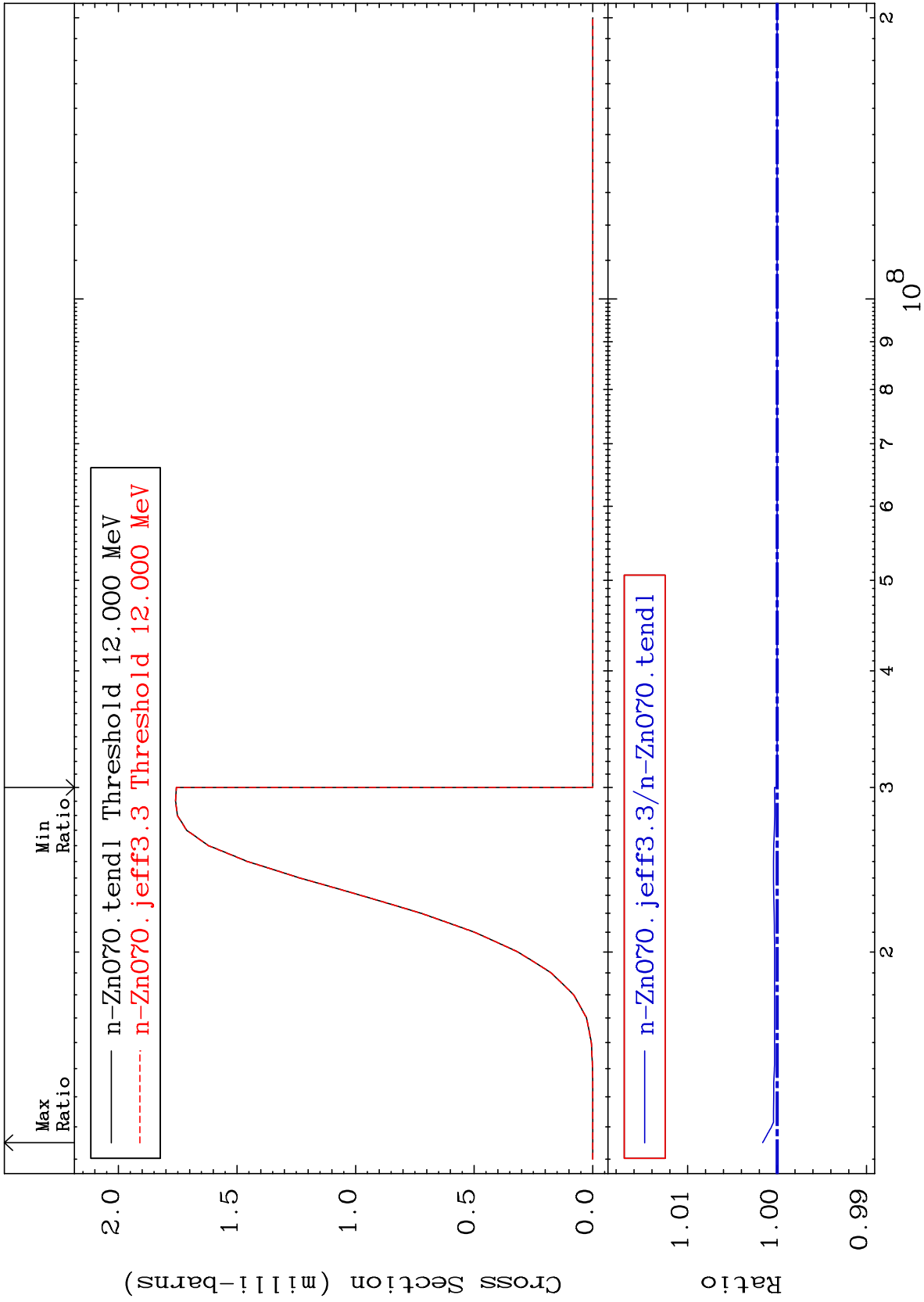


MAT 3043

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

30-Zn-70

Radionuclide Production Cross Section 0.000 To 0.162 %



70

Incident Energy (eV)

30-Zn-70