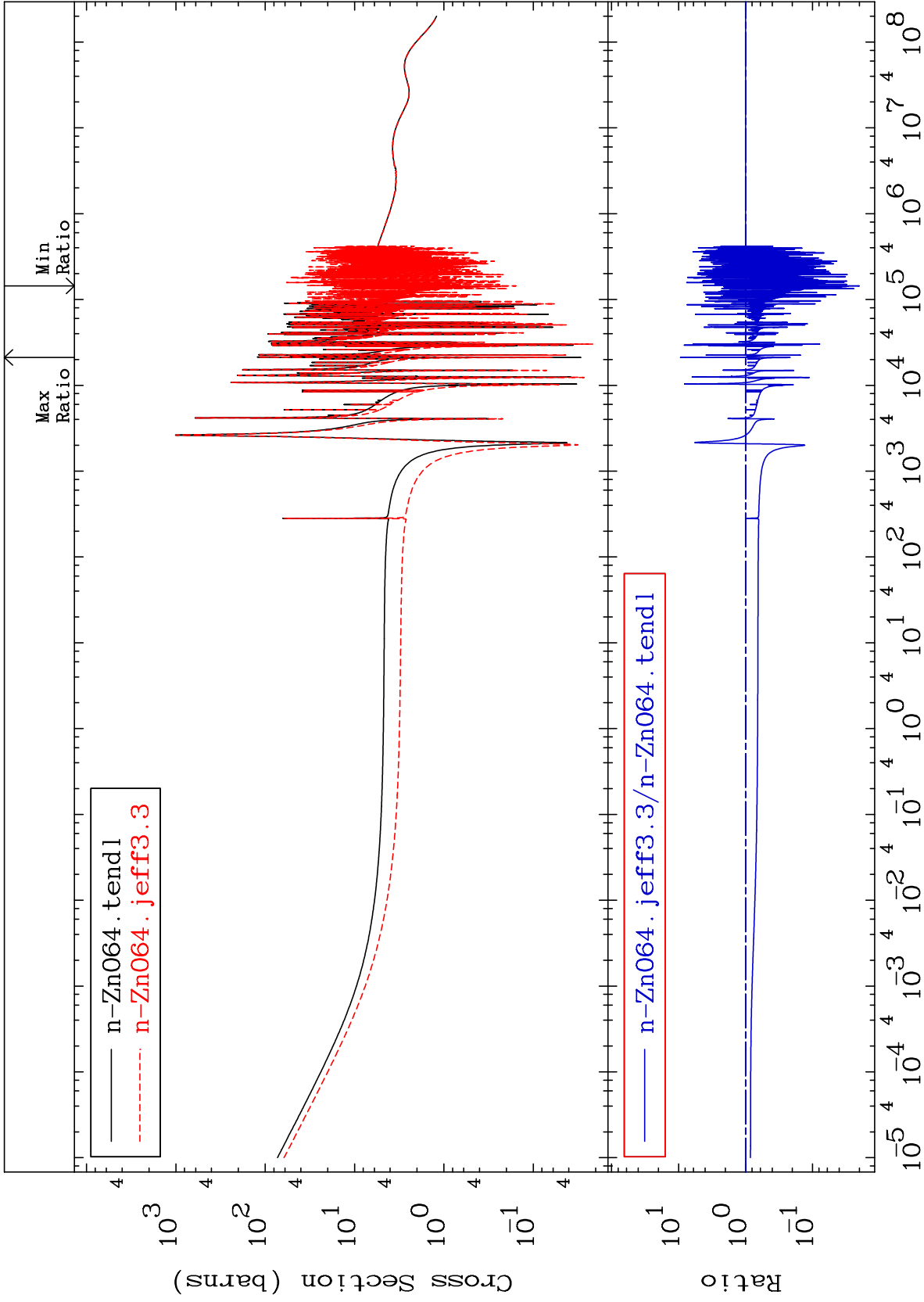


MAT 3025

Total
Cross Section

30-Zn-64
-98.01 To 840.2 %



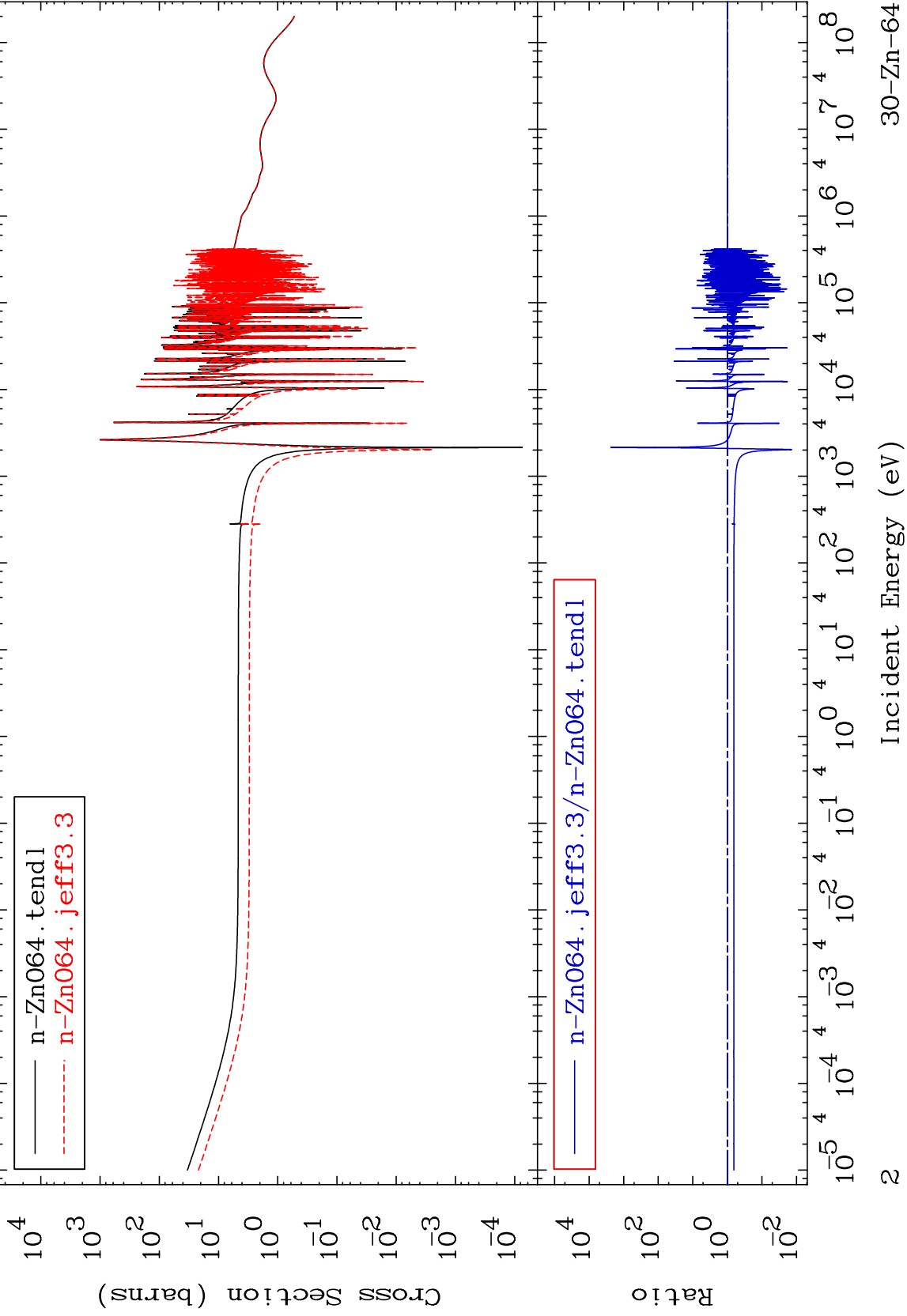
Incident Energy (eV)

30-Zn-64

MAT 3025

Elastic
Cross Section

30-Zn-64
-98.65 To 9999. %



MAT 3025

30-Zn-64

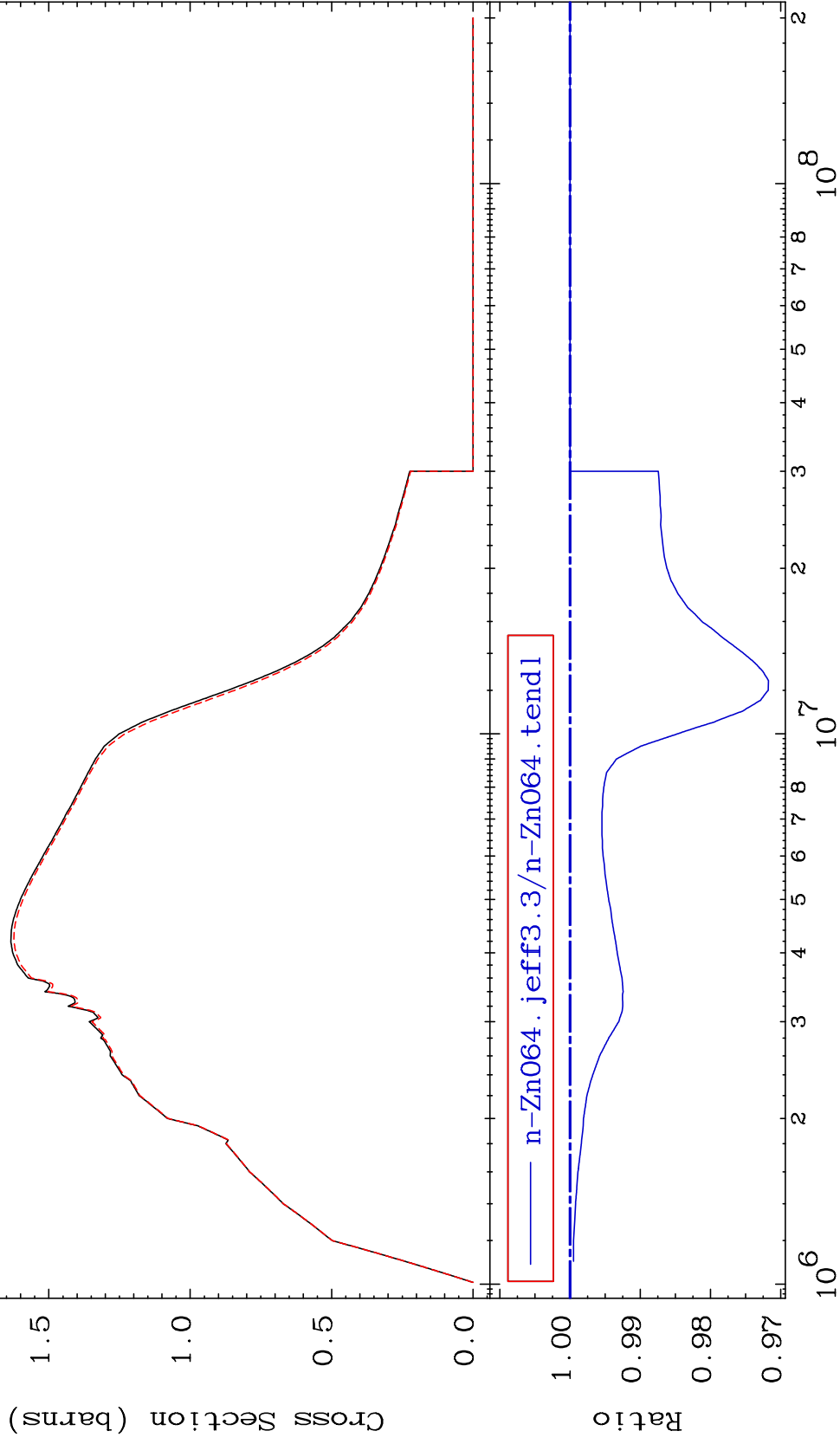
-2.827 To 0.000 %

Inelastic
Cross Section

Min Ratio

Max Ratio

— n-Zn064.tendl Threshold 1.0072 MeV
- - - n-Zn064.jeff3.3 Threshold 1.0072 MeV



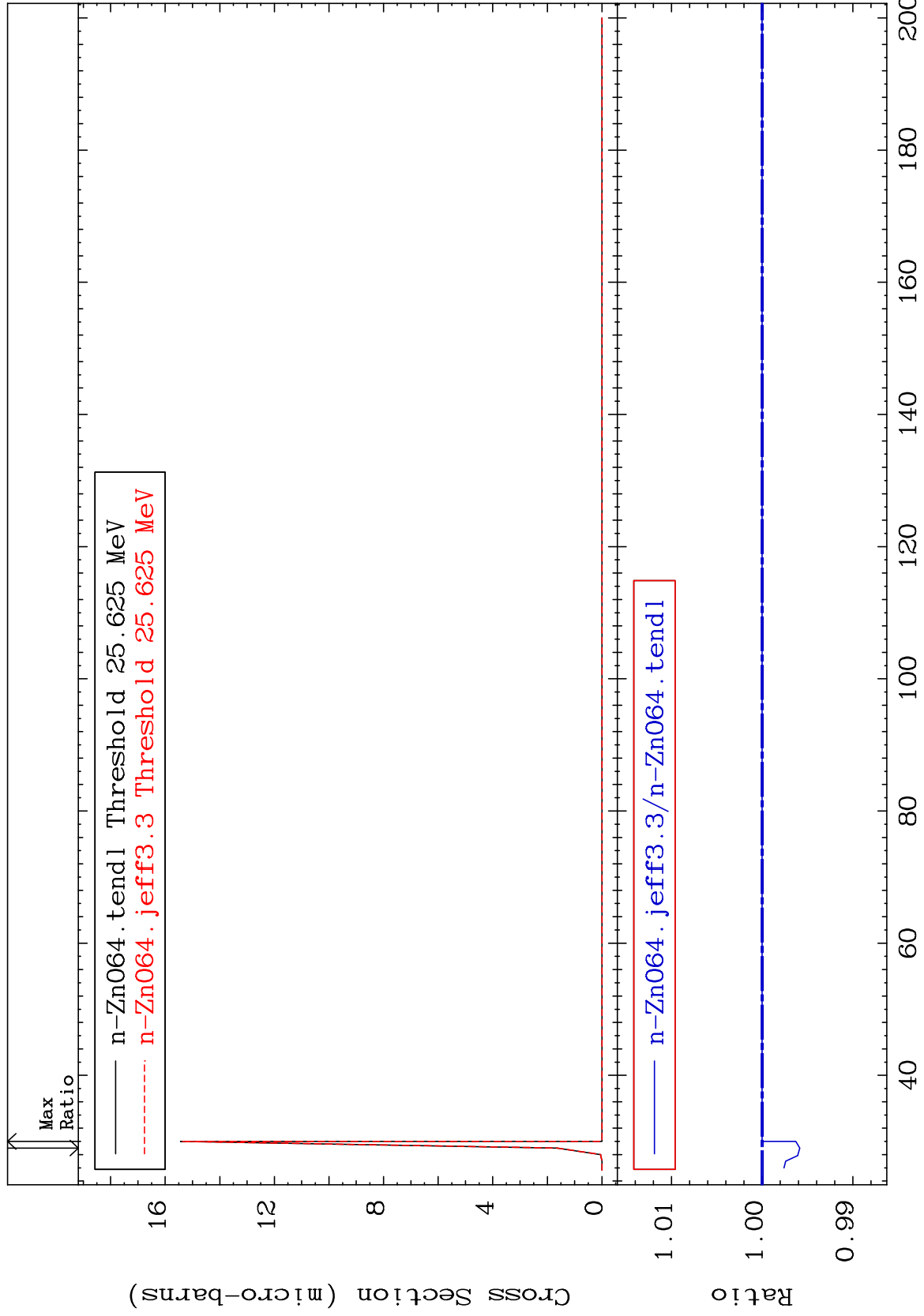
Incident Energy (eV)

30-Zn-64

MAT 3025

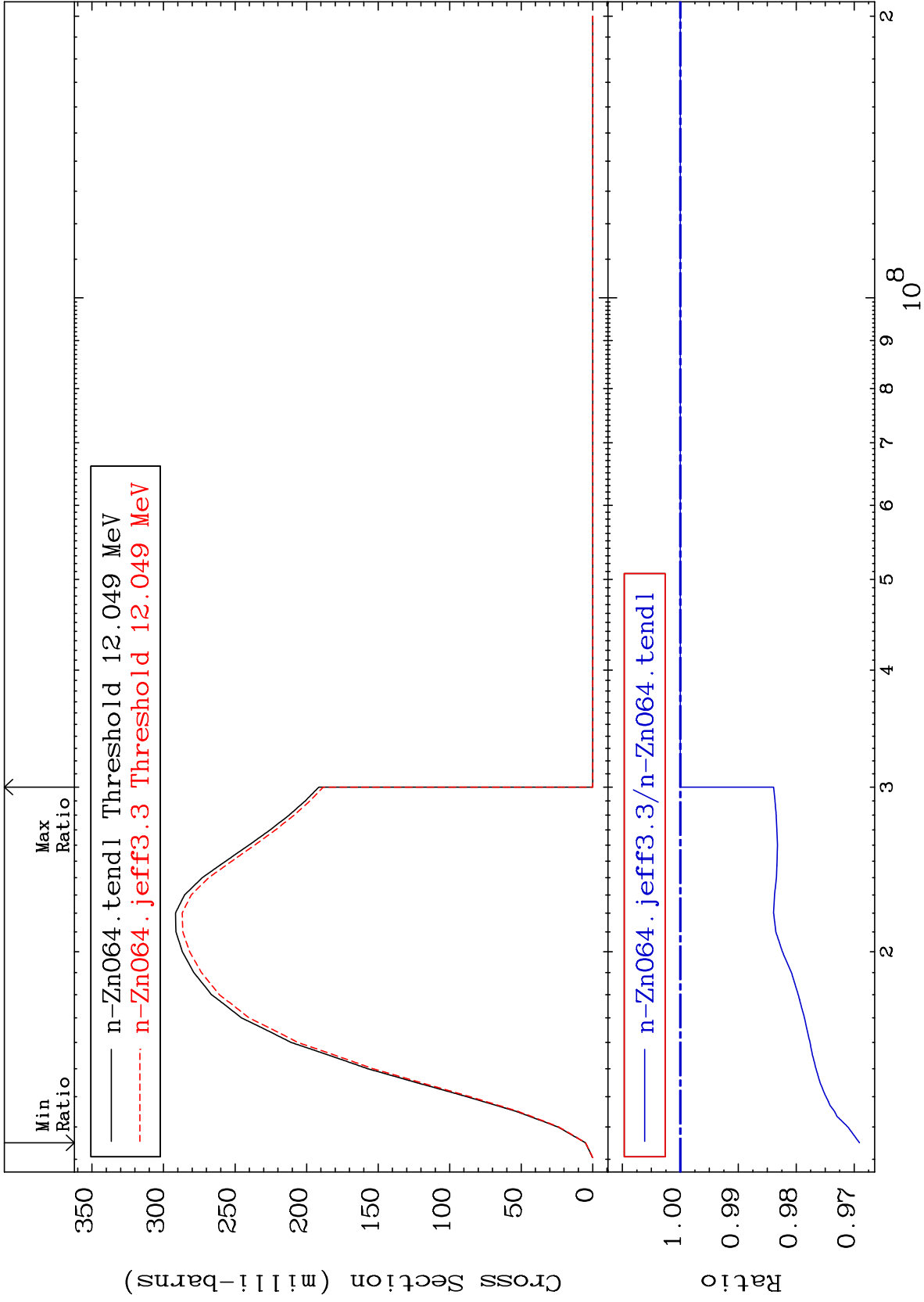
(n,2n) d
Cross Section

30-Zn-64
-0.415 To 0.000 %



Cross Section

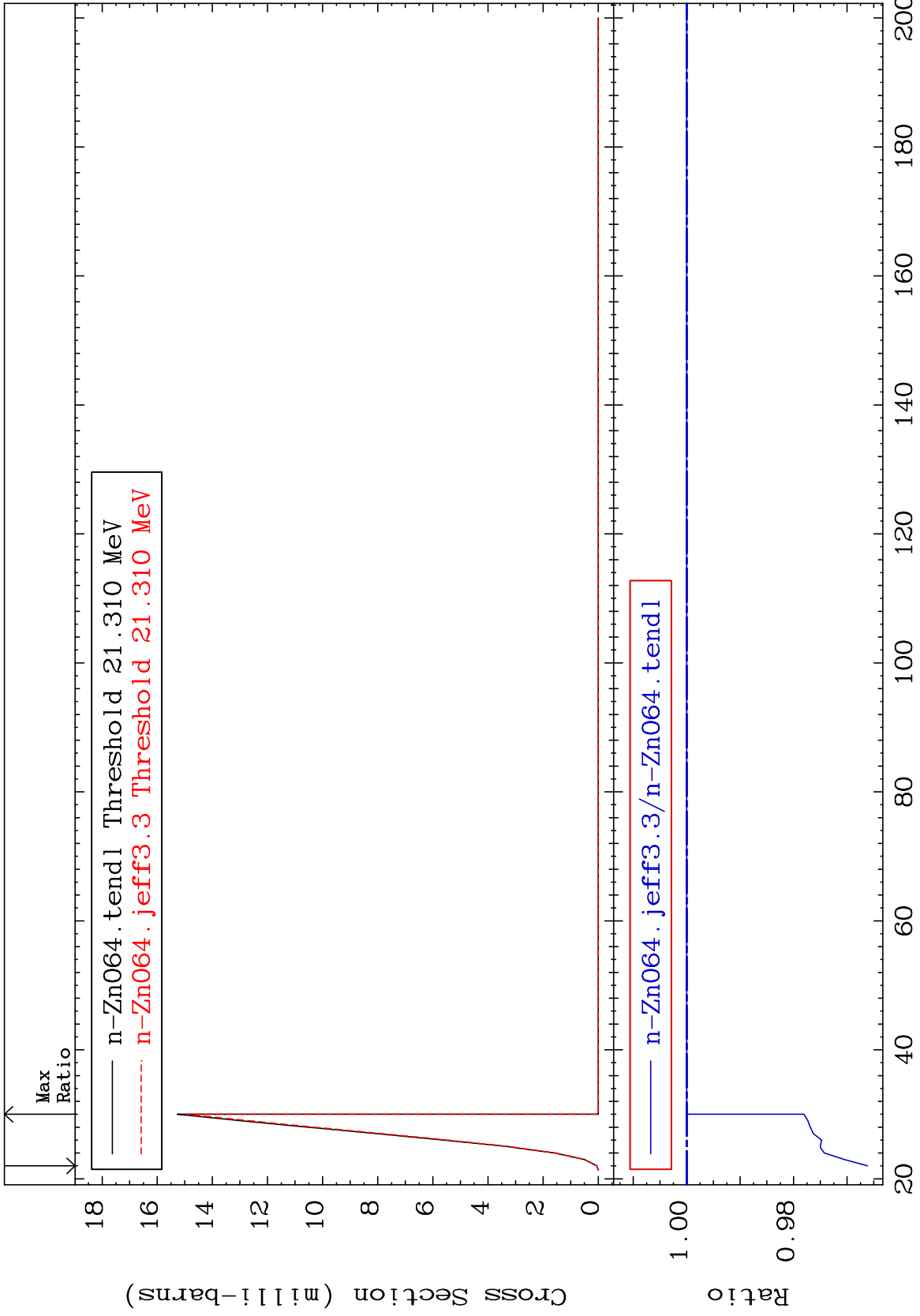
-3.090 To 0.000 %



MAT 3025

(n,3n)
Cross Section

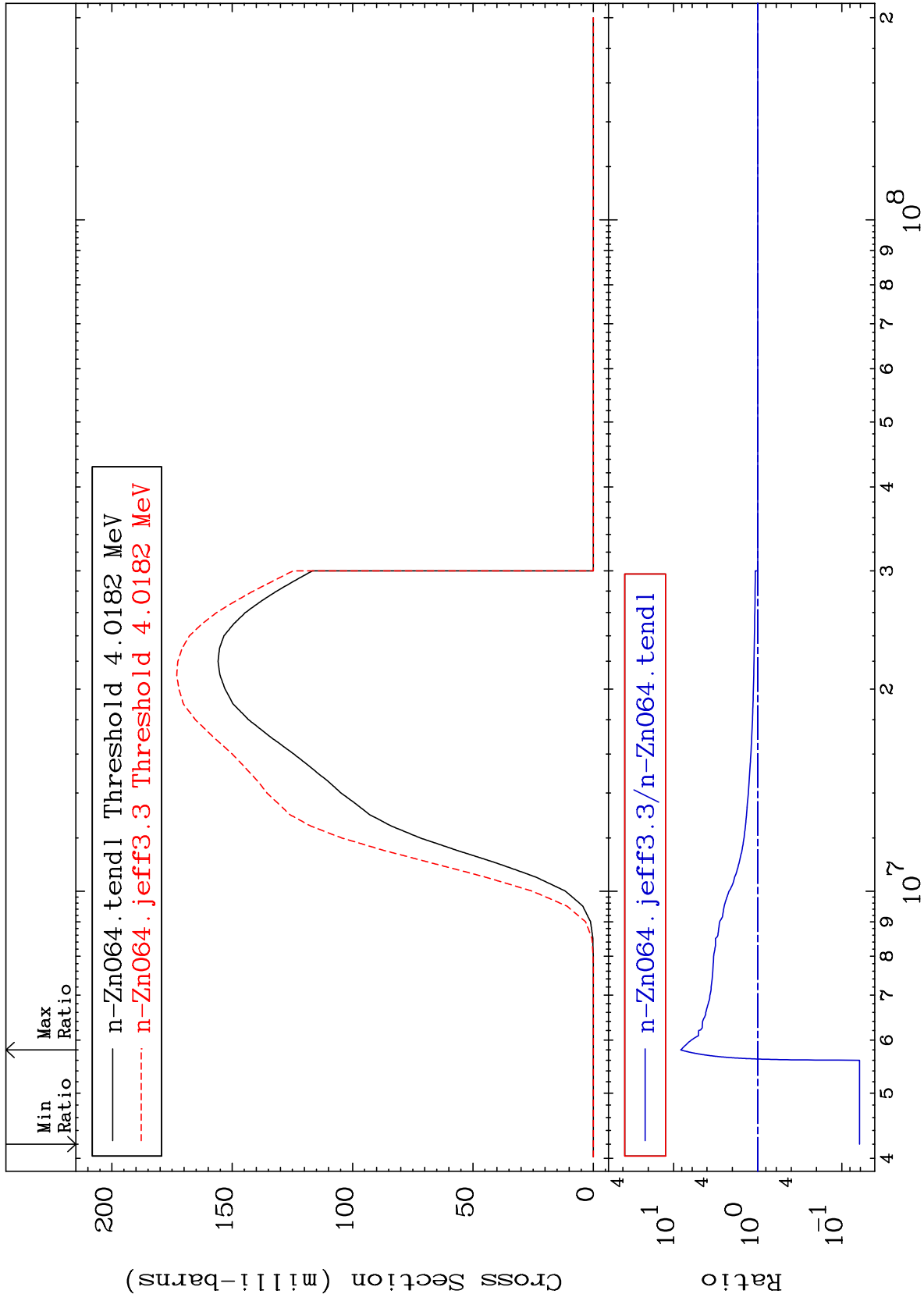
30-Zn-64
-3.380 To 0.000 %



MAT 3025

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

30-Zn-64
-93.85 To 721.3 %

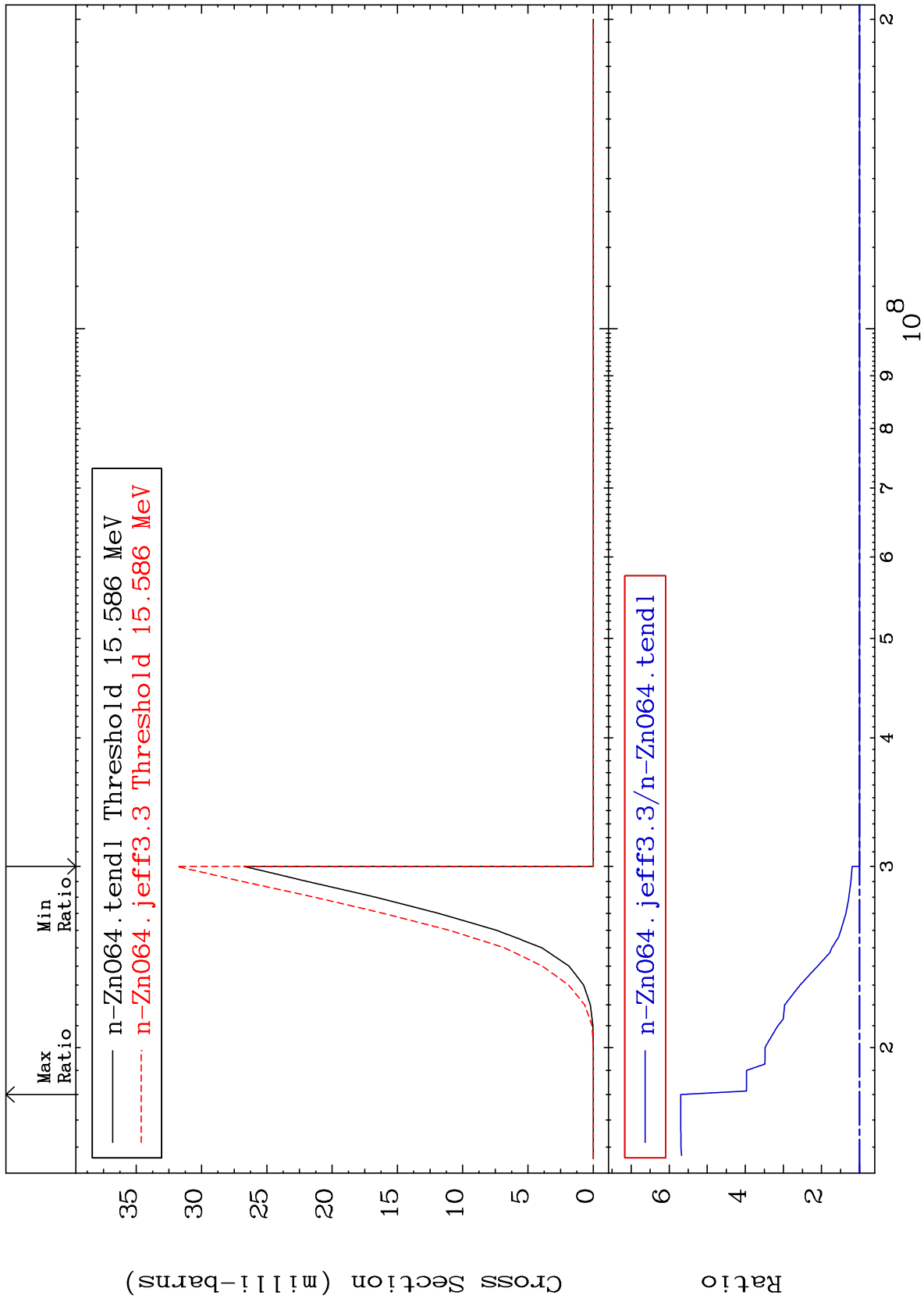


7

Incident Energy (eV)

30-Zn-64

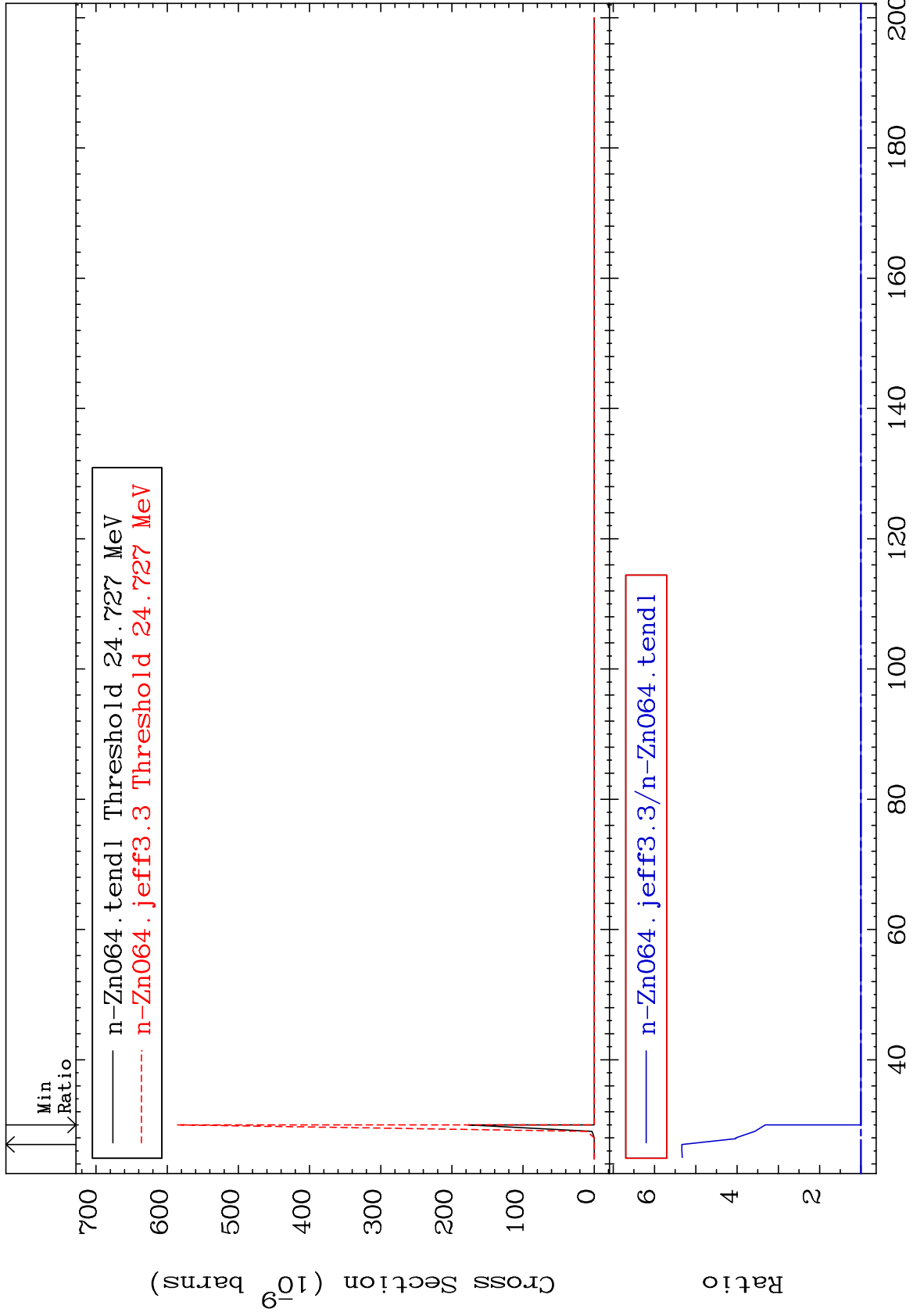
MAT 3025 (n,2n) α 30-Zn-64
 Cross Section To 469.5 %



MAT 3025

(n,3n) α
Cross Section

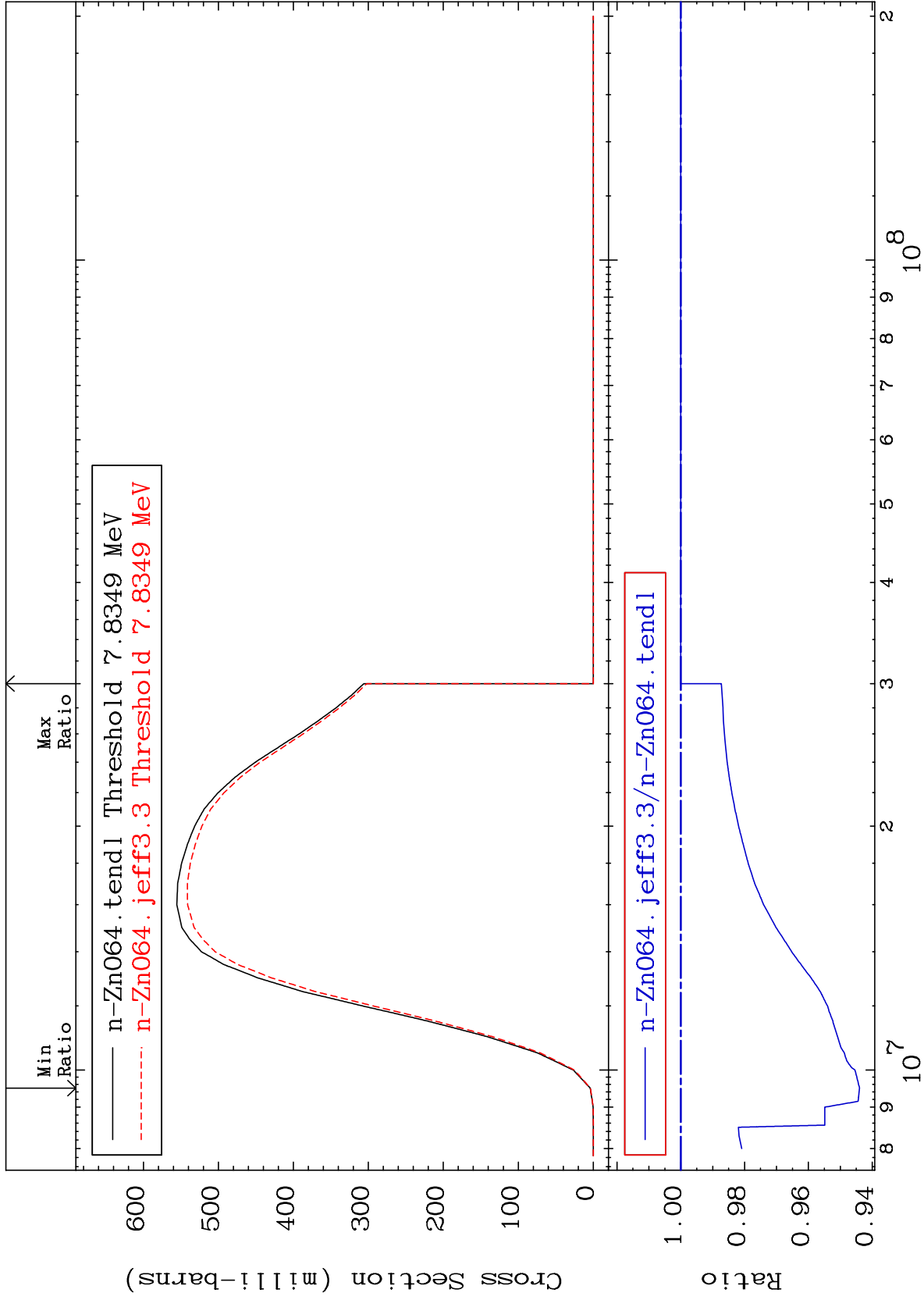
30-Zn-64
0.000 To 433.6 %



MAT 3025

(n,n') p
Cross Section

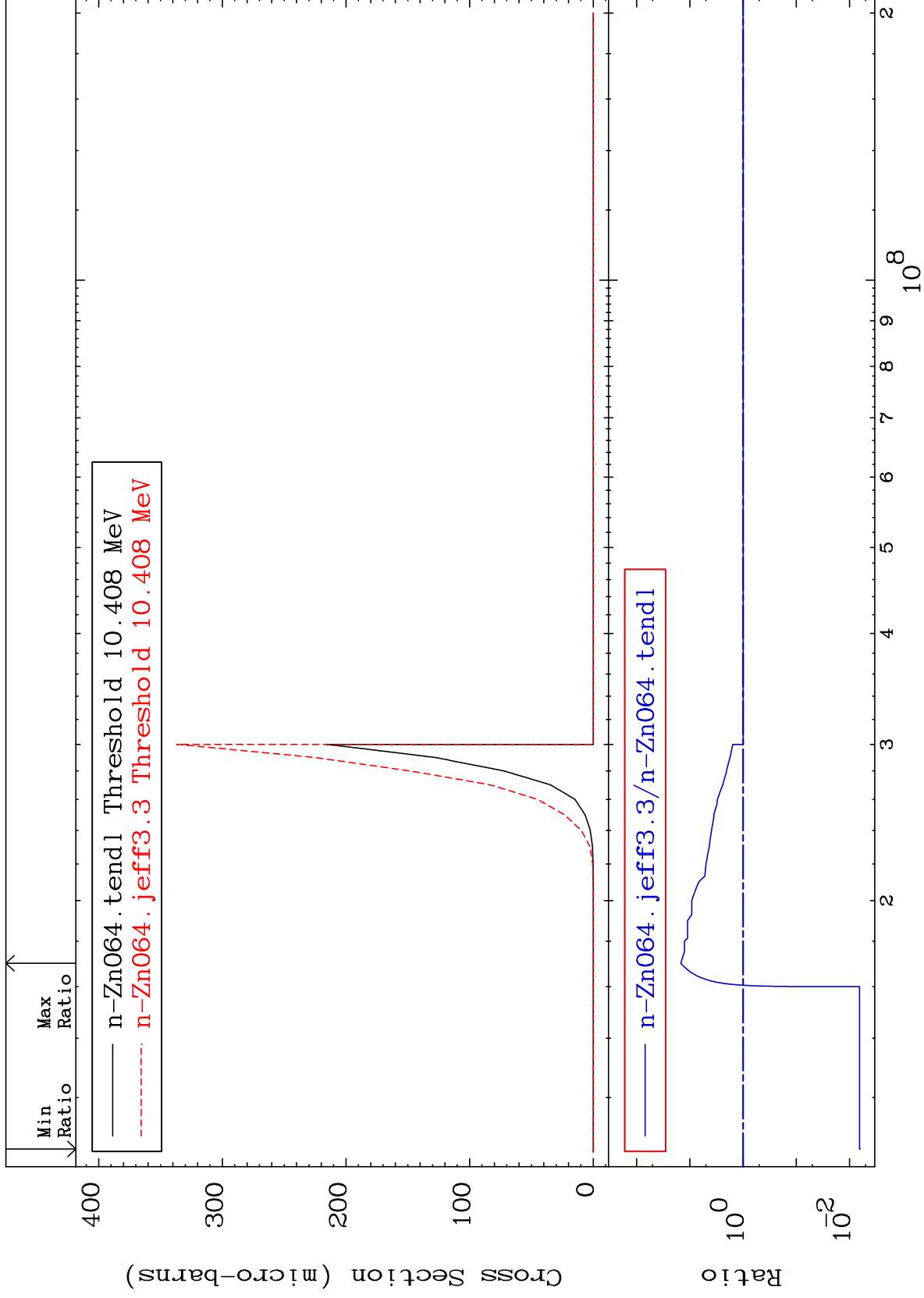
30-Zn-64
-5.603 To 0.000 %



MAT 3025

(n, n') 2 α
Cross Section

30-Zn-64
-99.35 To 1380. %



11

Incident Energy (eV)

30-Zn-64

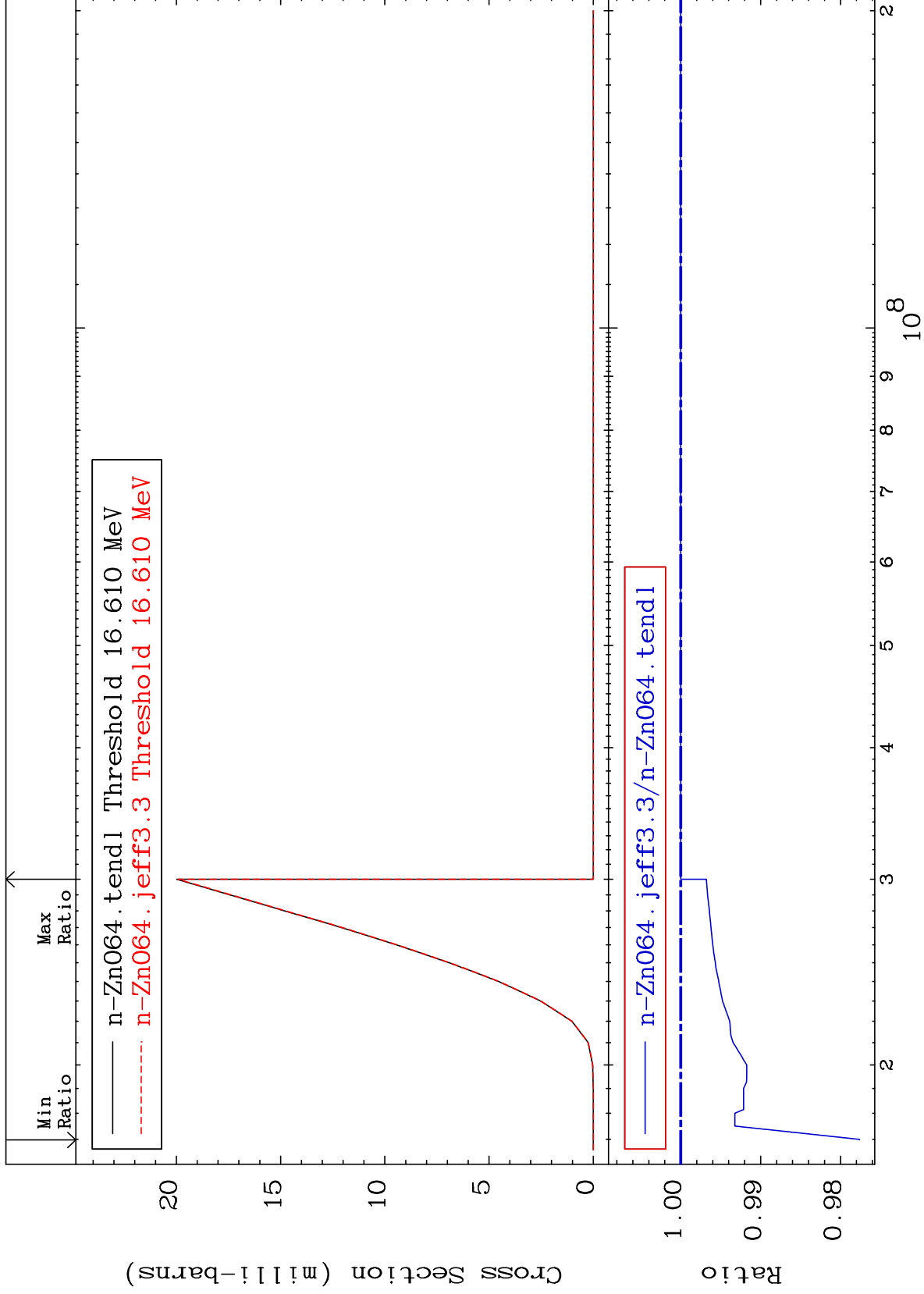
MAT 3025

(n,n') d

30-Zn-64

Cross Section

-2.238 To 0.000 %



12

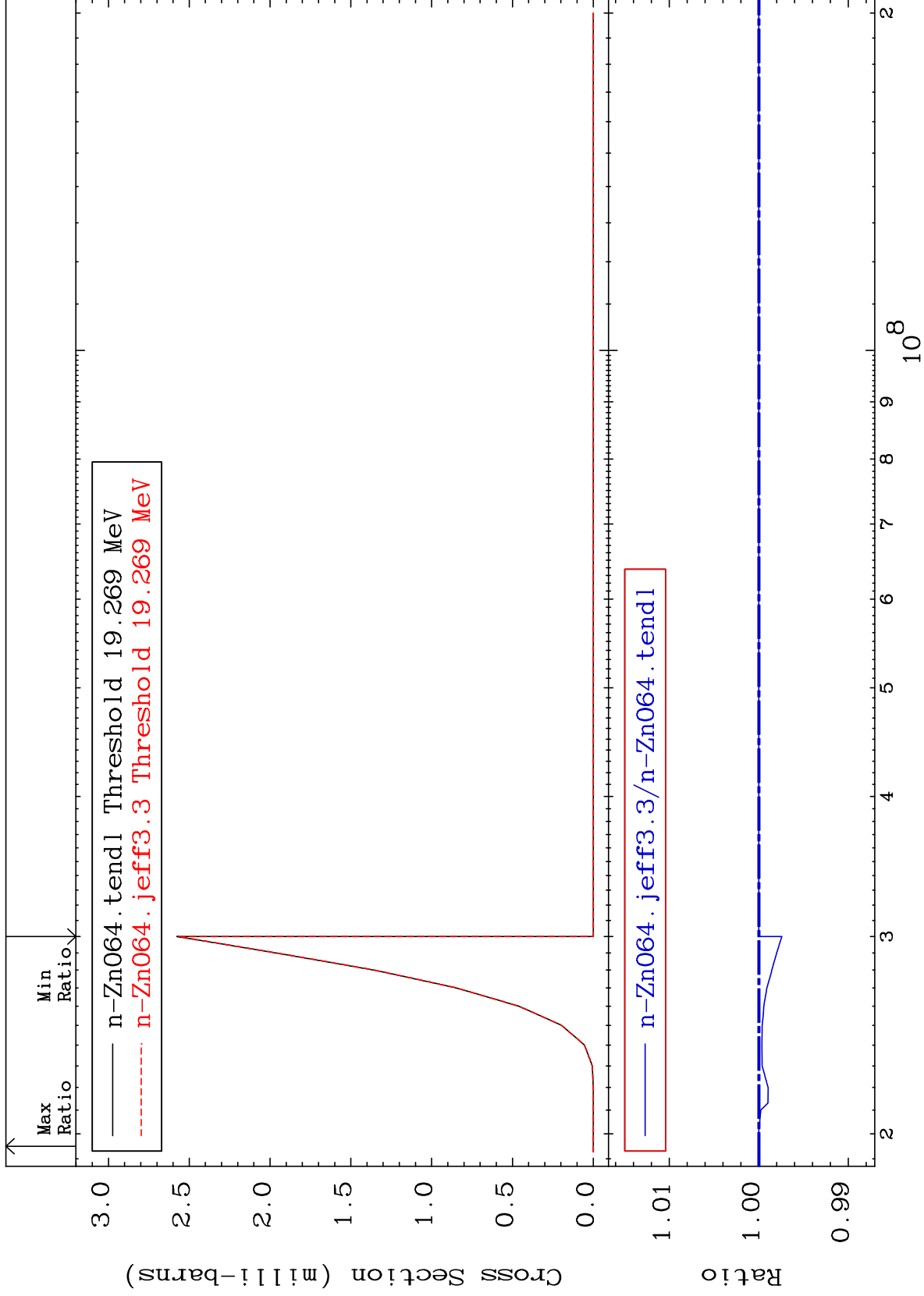
Incident Energy (eV)

30-Zn-64

MAT 3025

(n,n') t
Cross Section

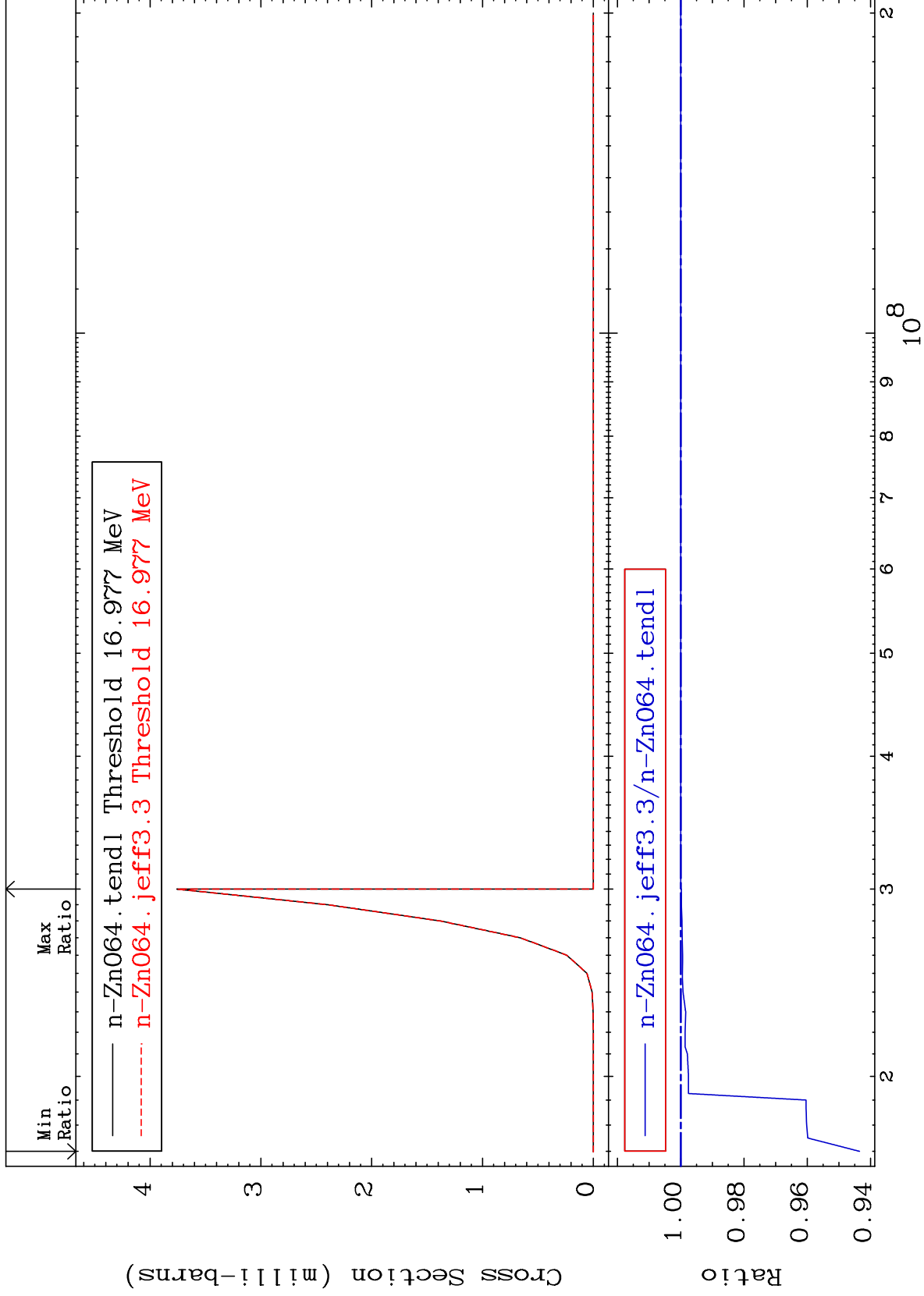
30-Zn-64
-0.256 To 0.004 %



MAT 3025

(n, n') He-3
Cross Section

30-Zn-64
-5.654 To 0.000 %



14

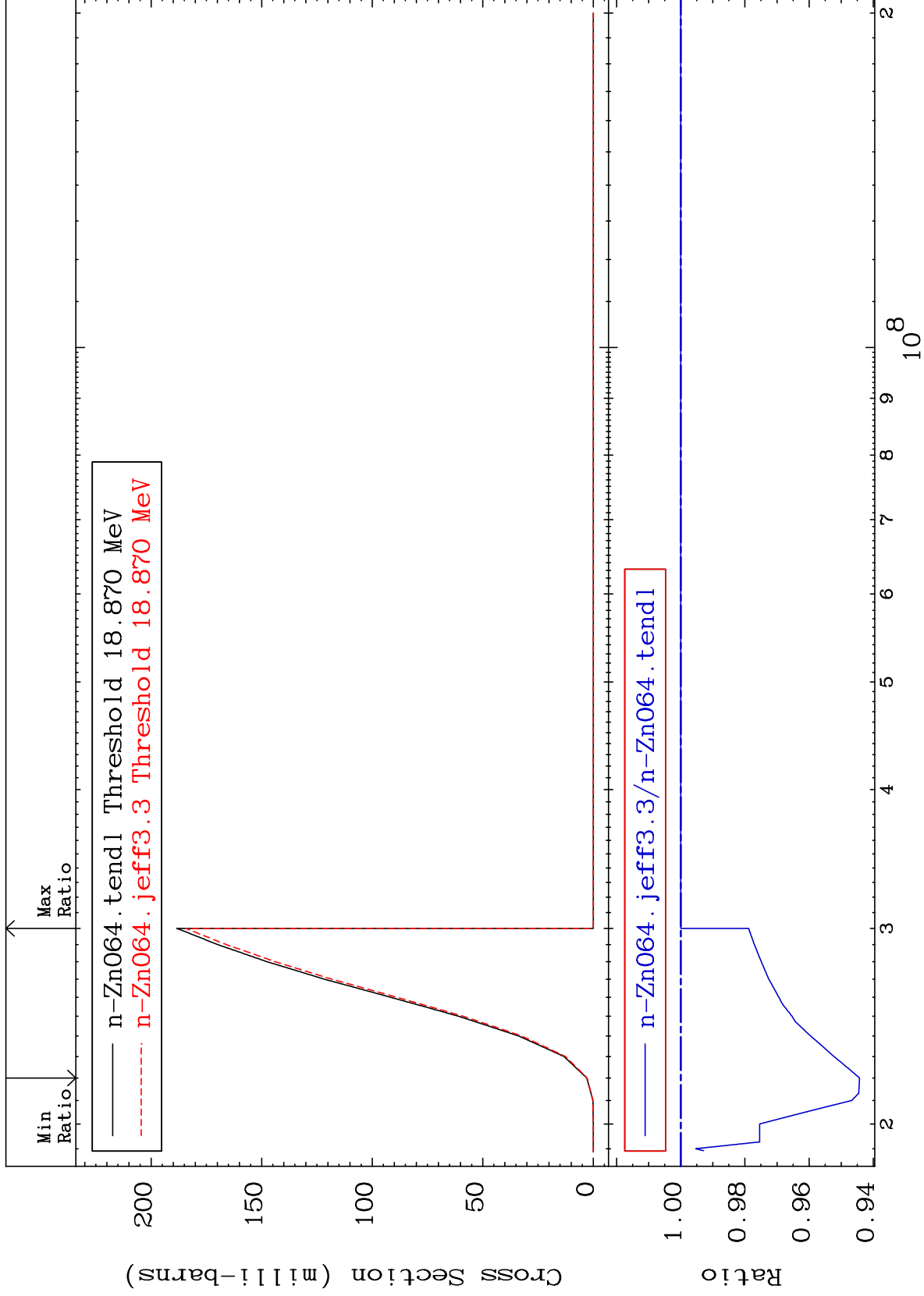
Incident Energy (eV)

30-Zn-64

MAT 3025

(n,2n) p
Cross Section

30-Zn-64
-5.573 To 0.000 %



15

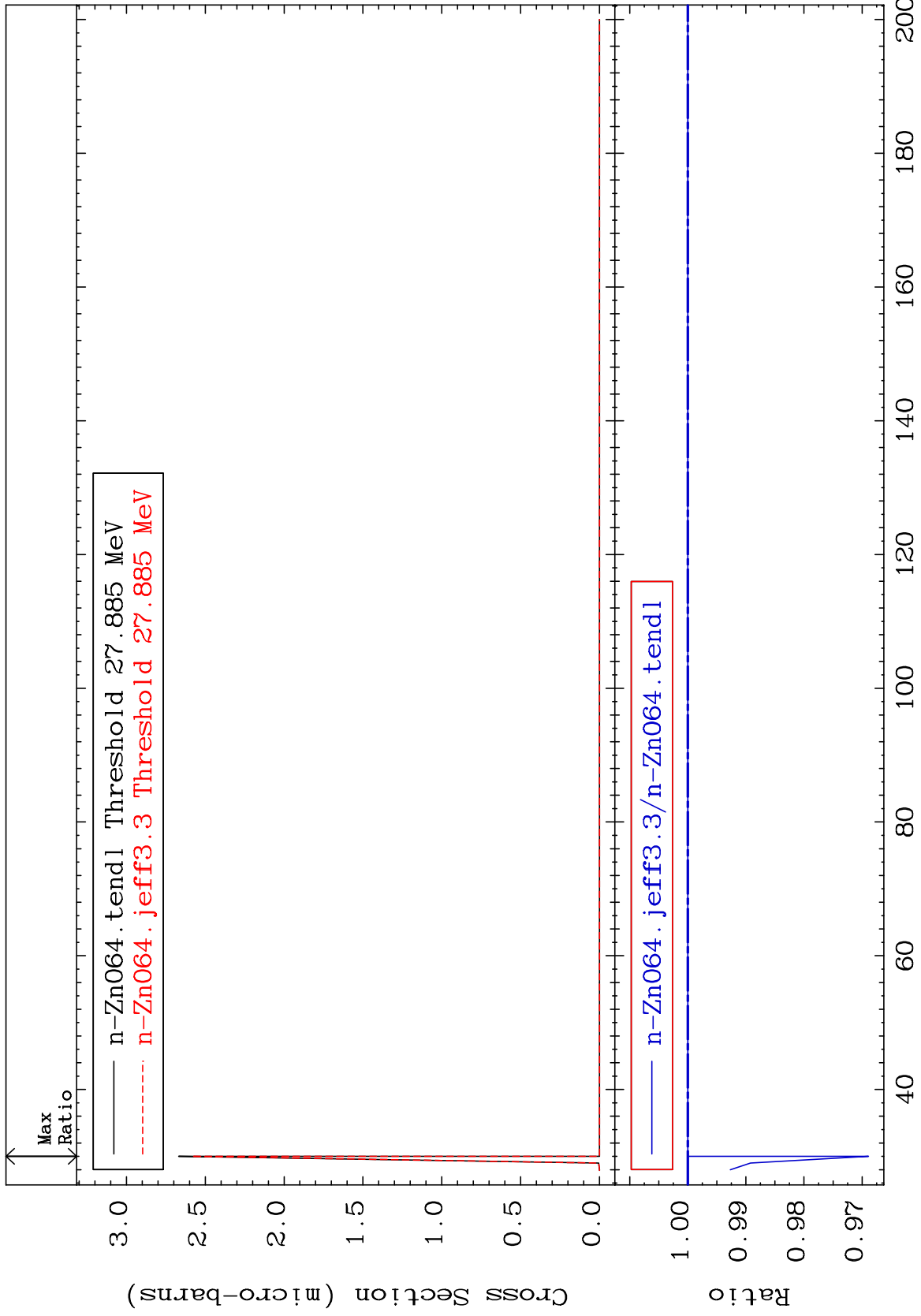
Incident Energy (eV)

30-Zn-64

MAT 3025

(n,3n) p
Cross Section

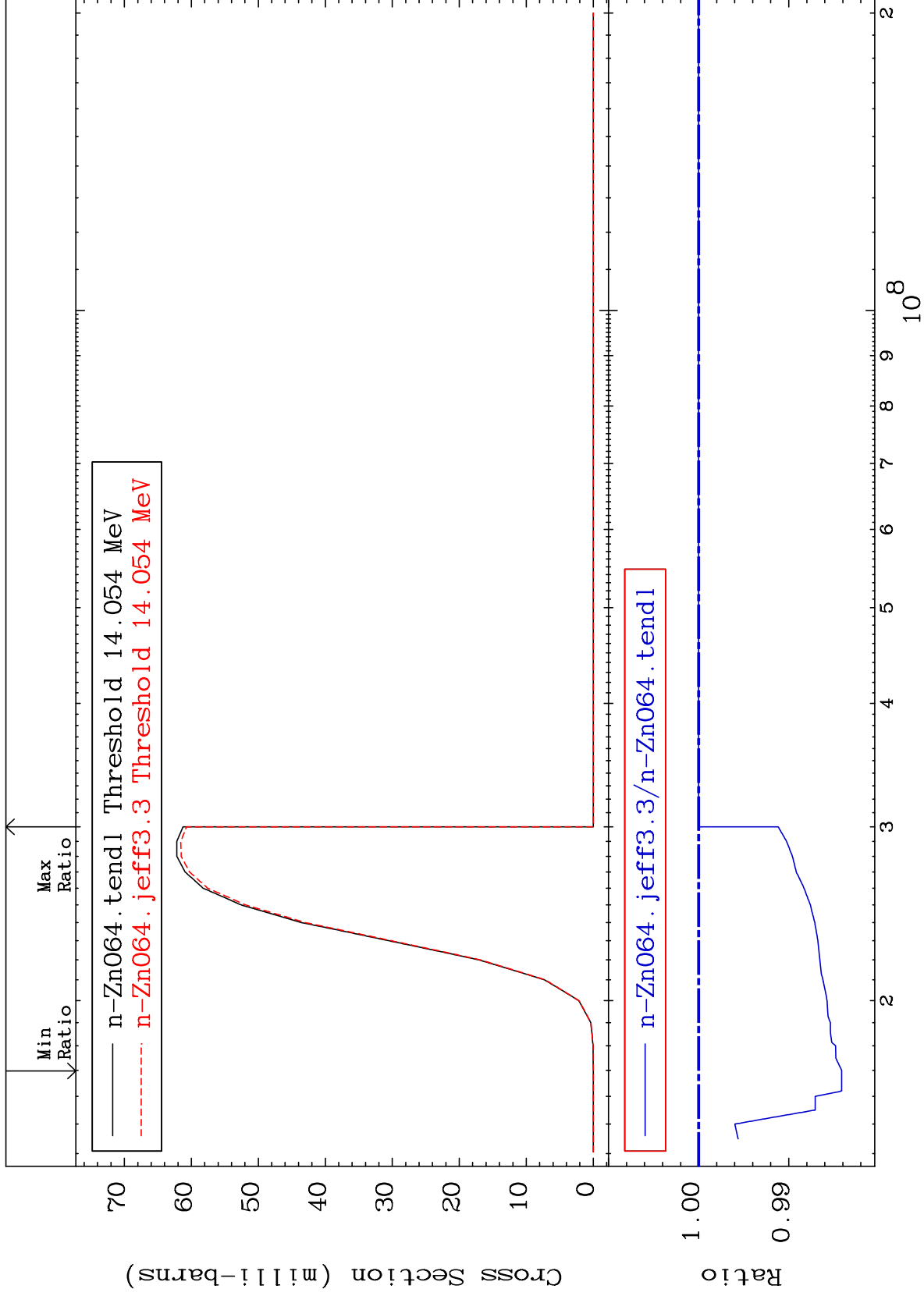
30-Zn-64
-3.110 To 0.000 %



MAT 3025

(n,2n) p
Cross Section

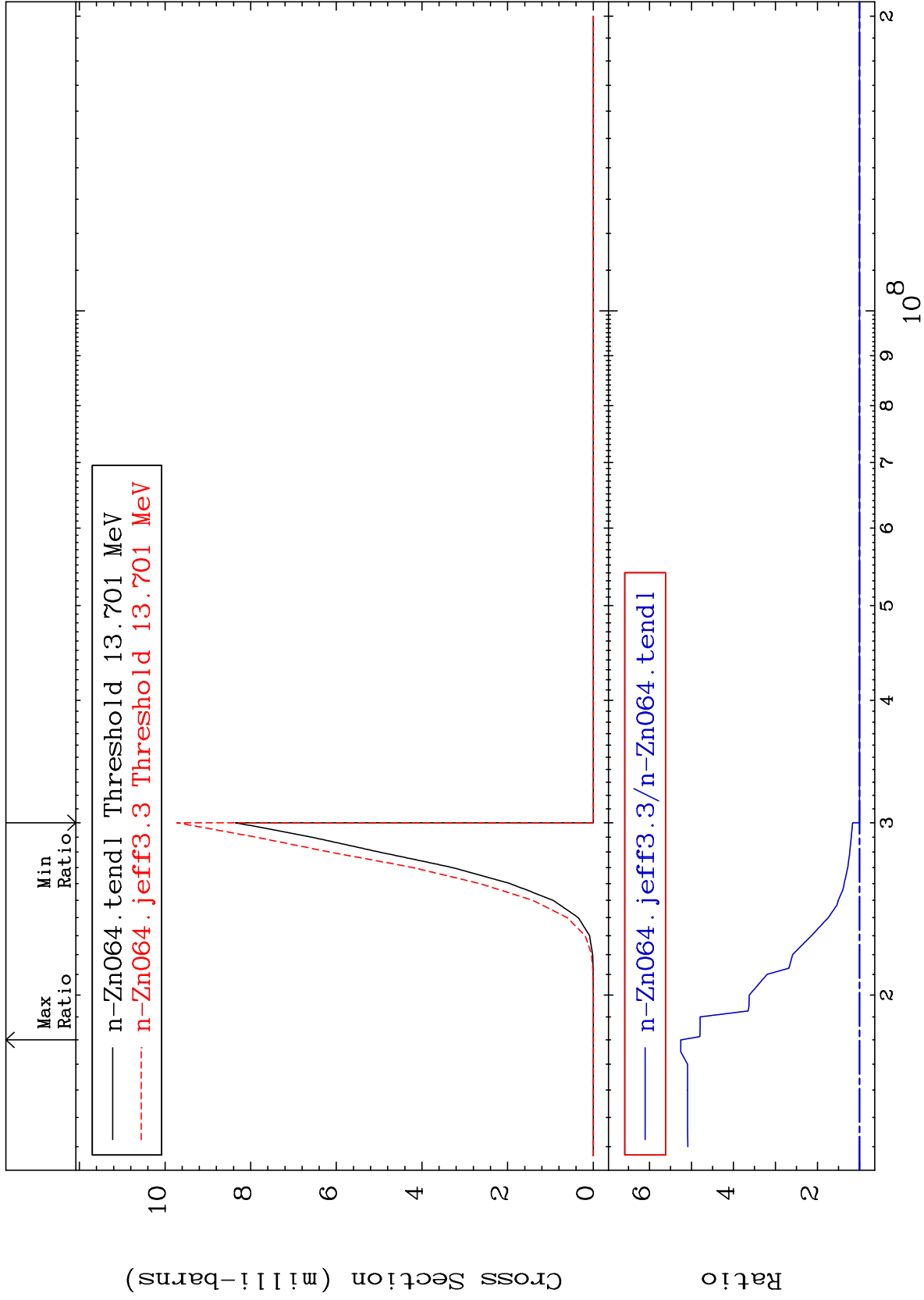
30-Zn-64
-1.587 To 0.000 %



MAT 3025

(n,n') p α
Cross Section

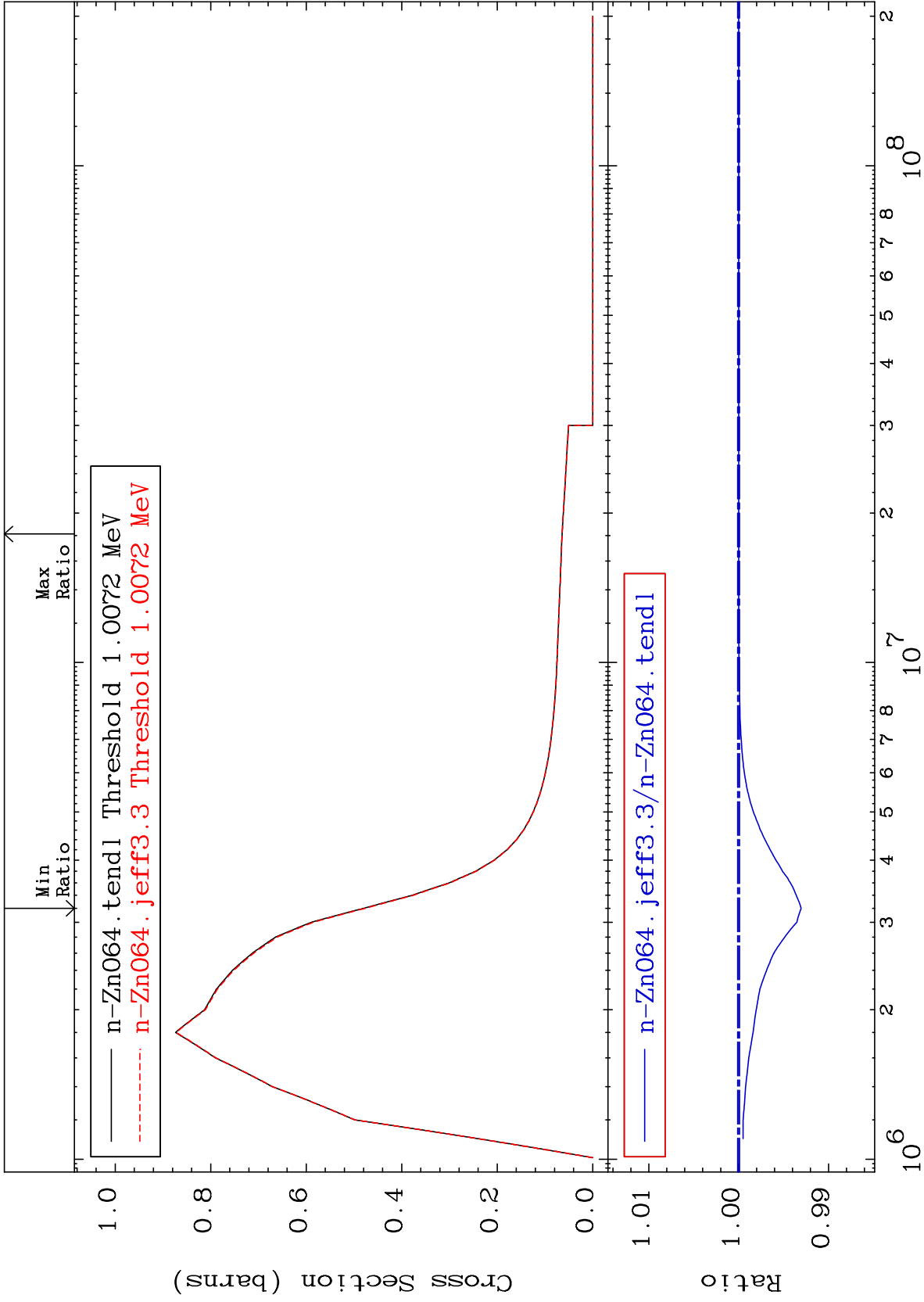
30-Zn-64
To 425.5 %
0.000



MAT 3025

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

30-Zn-64
-0.696 To 0.000 %



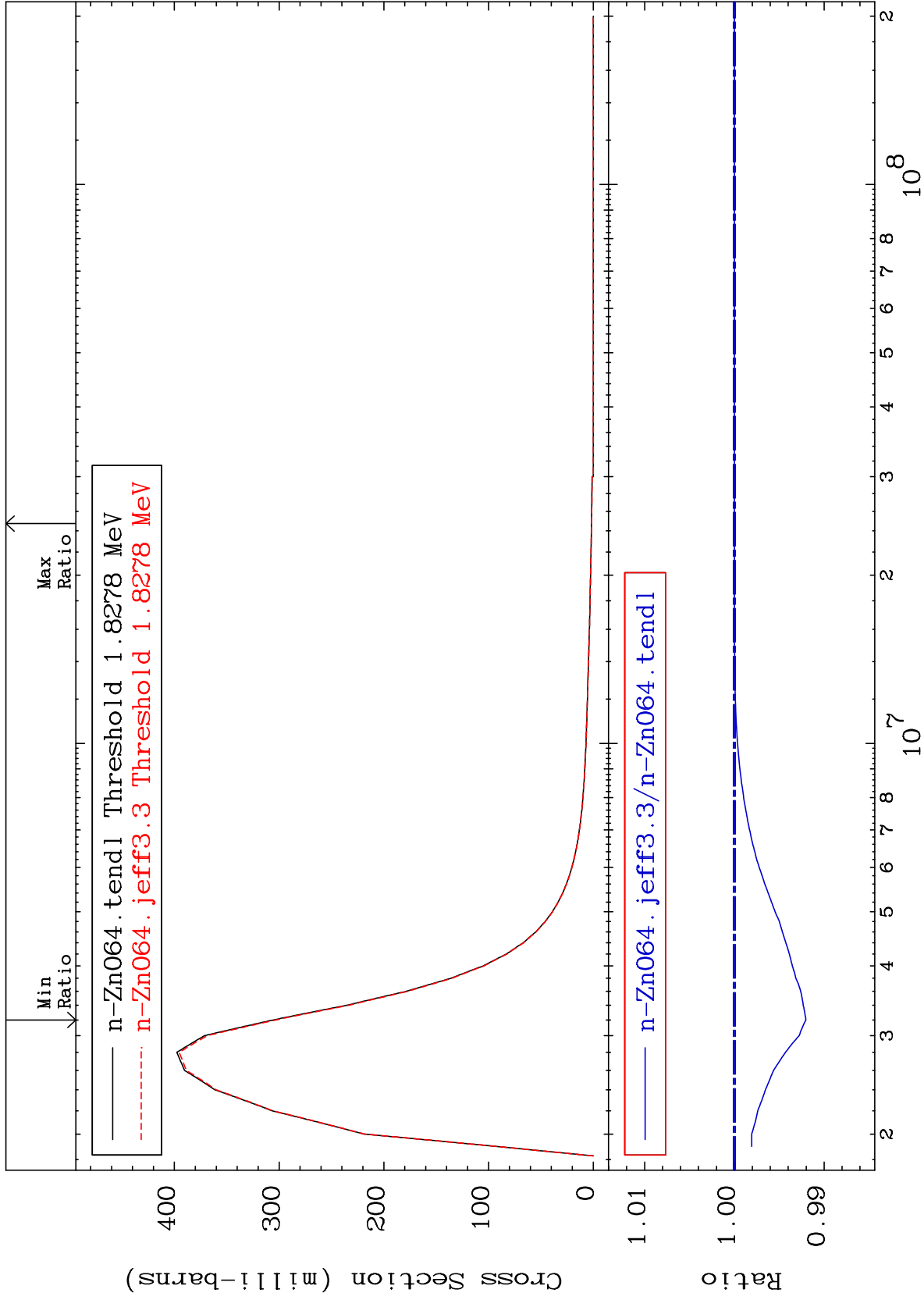
MAT 3025

MT= 52 (n, n') Level

30-Zn-64

-0.797 To 0.000 %

Cross Section



20

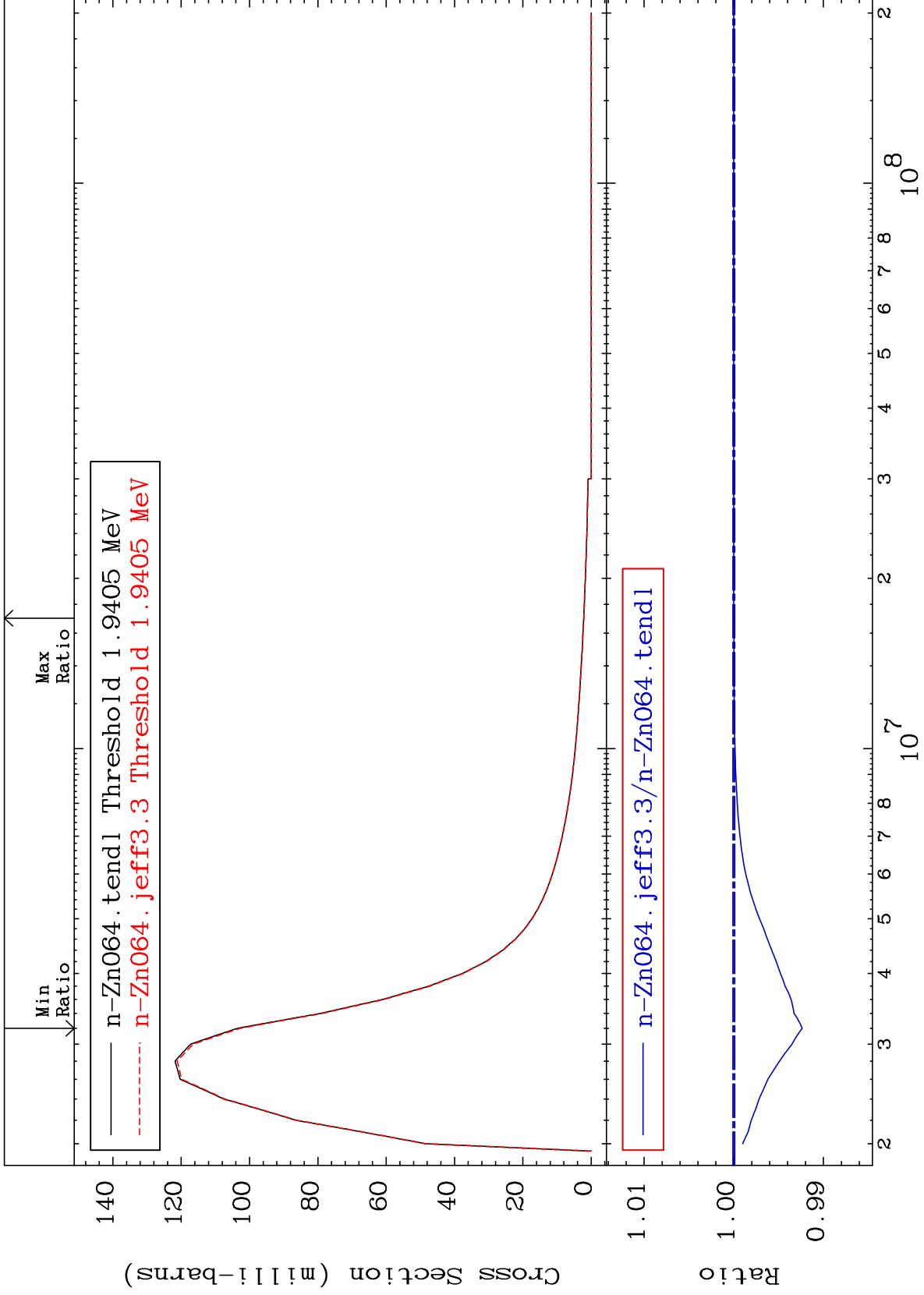
Incident Energy (eV)

30-Zn-64

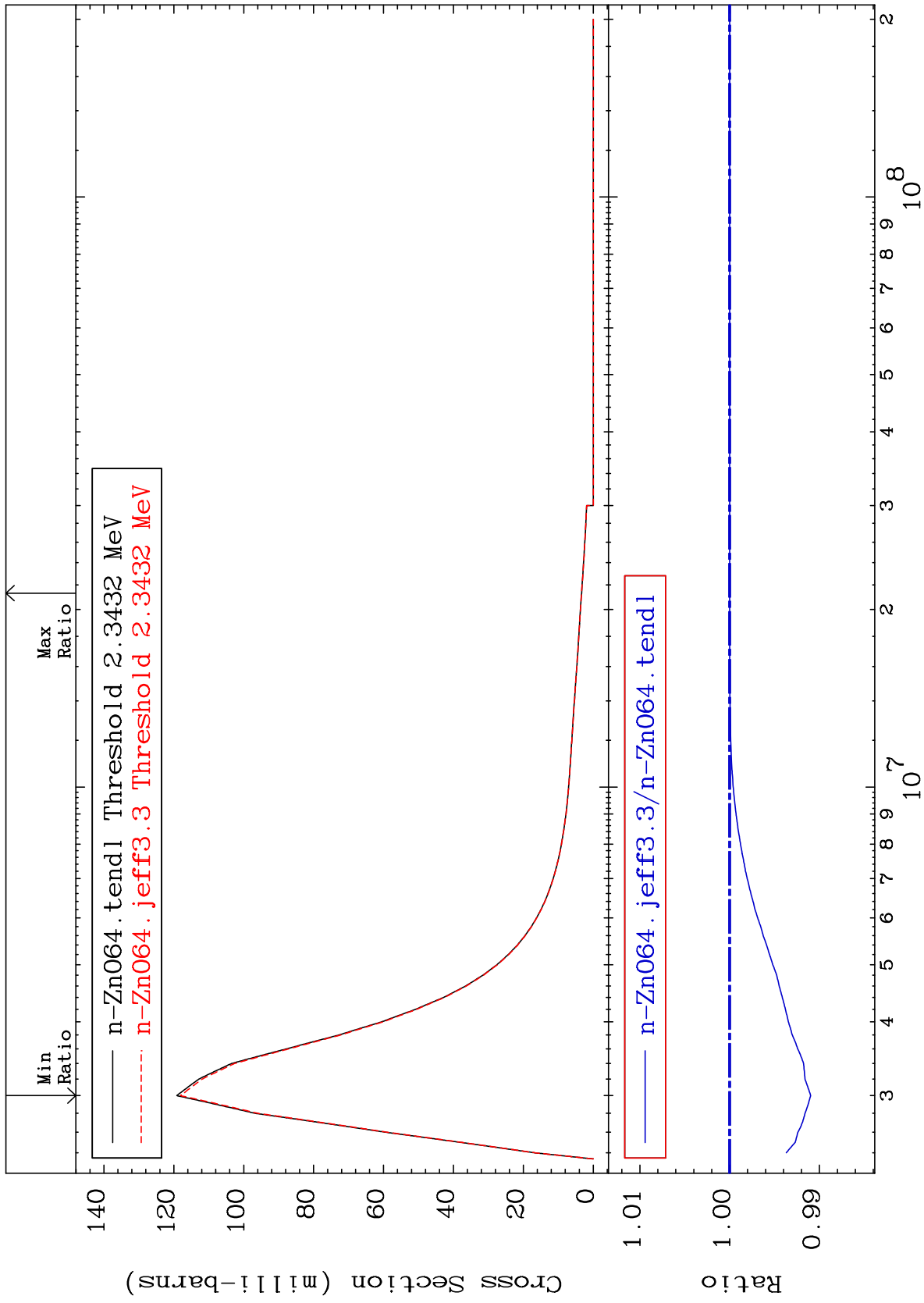
MAT 3025

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

30-Zn-64
-0.762 To 0.000 %



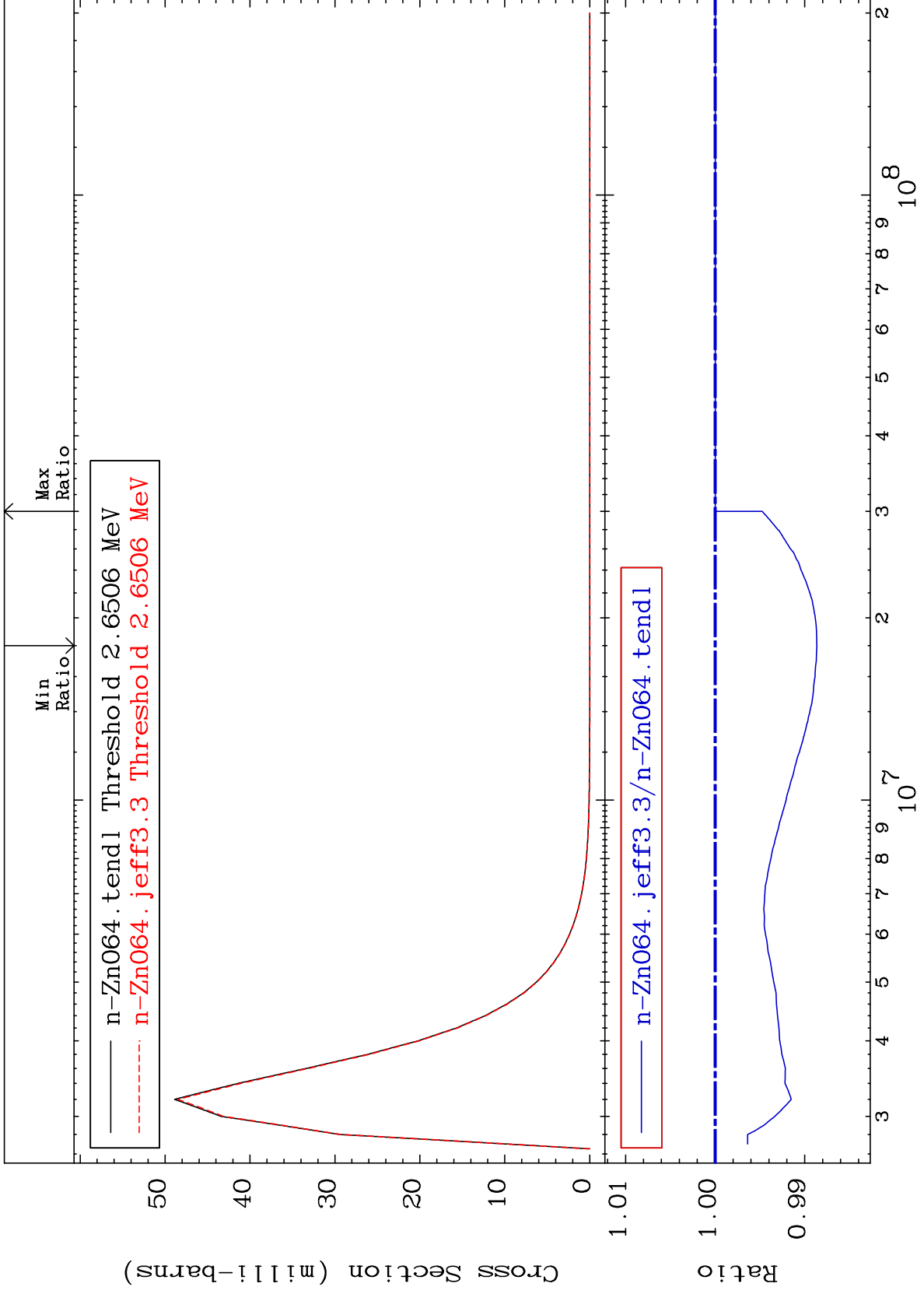
MAT 3025 MT= 54 (n,n') Level Cross Section 30-Zn-64 -0.902 To 0.000 %



MAT 3025

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

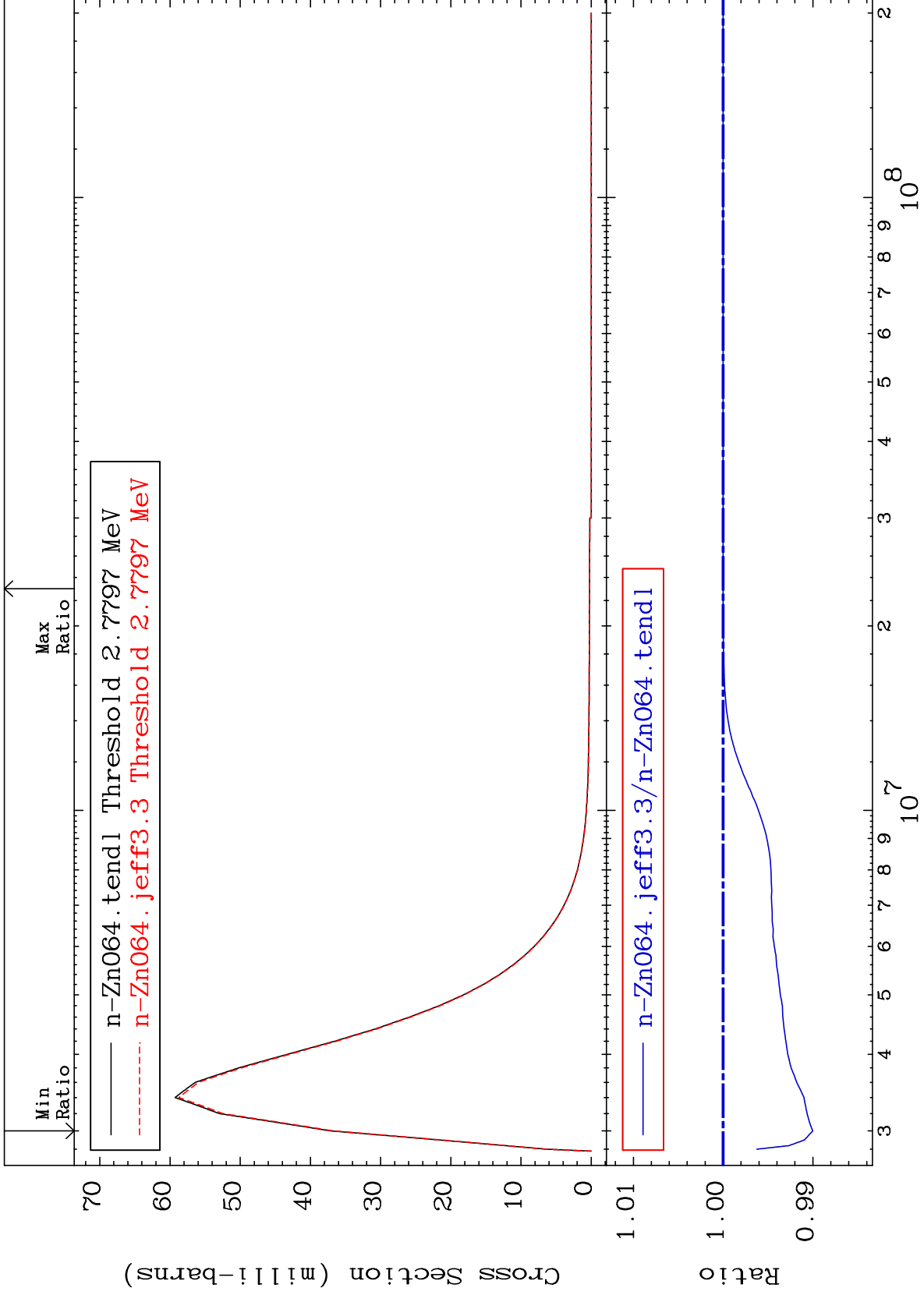
30-Zn-64
-1.135 To 0.000 %



MAT 3025

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

30-Zn-64
-0.999 To 0.000 %



24

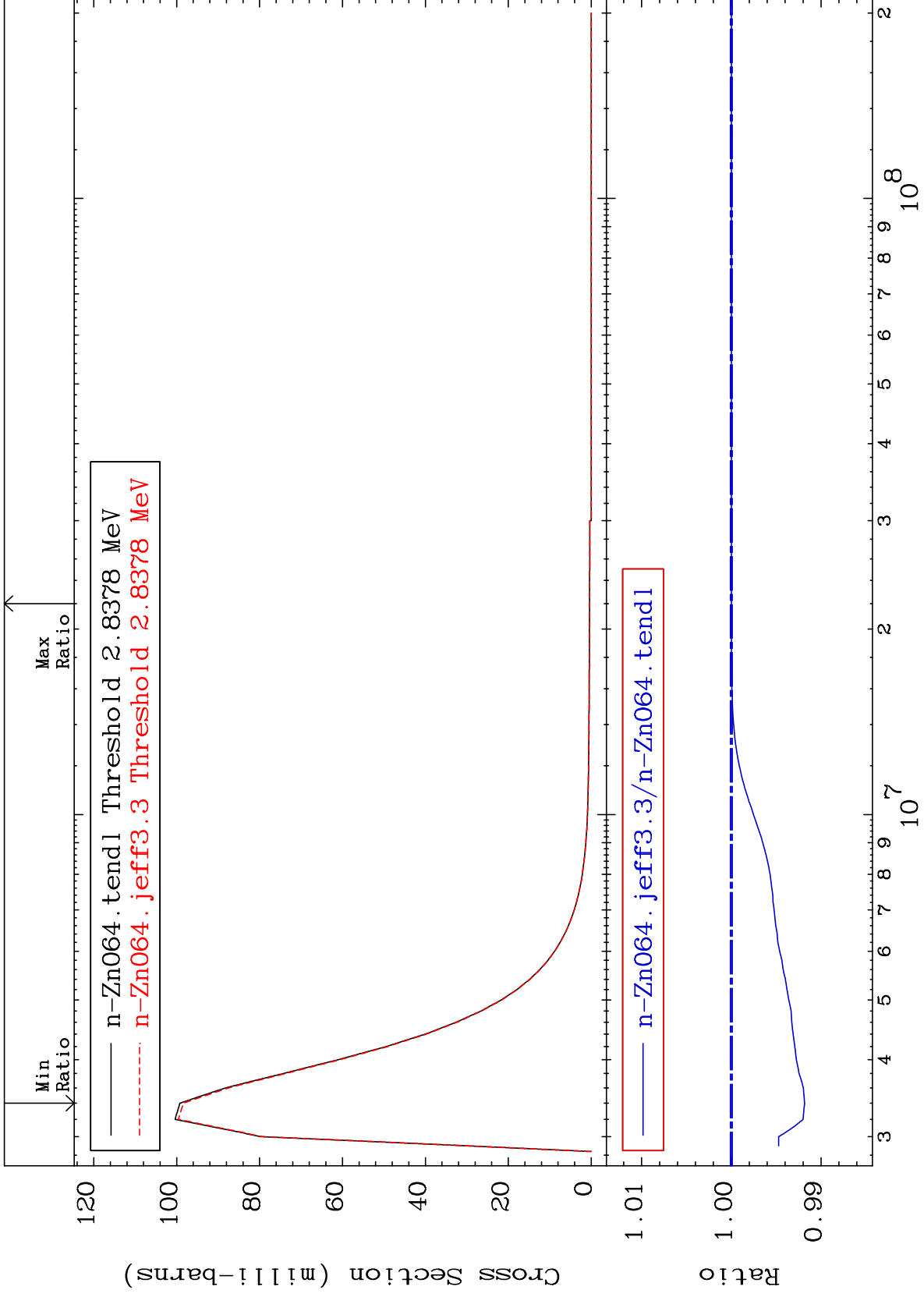
Incident Energy (eV)

30-Zn-64

MAT 3025

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

30-Zn-64
-0.816 To 0.000 %



25

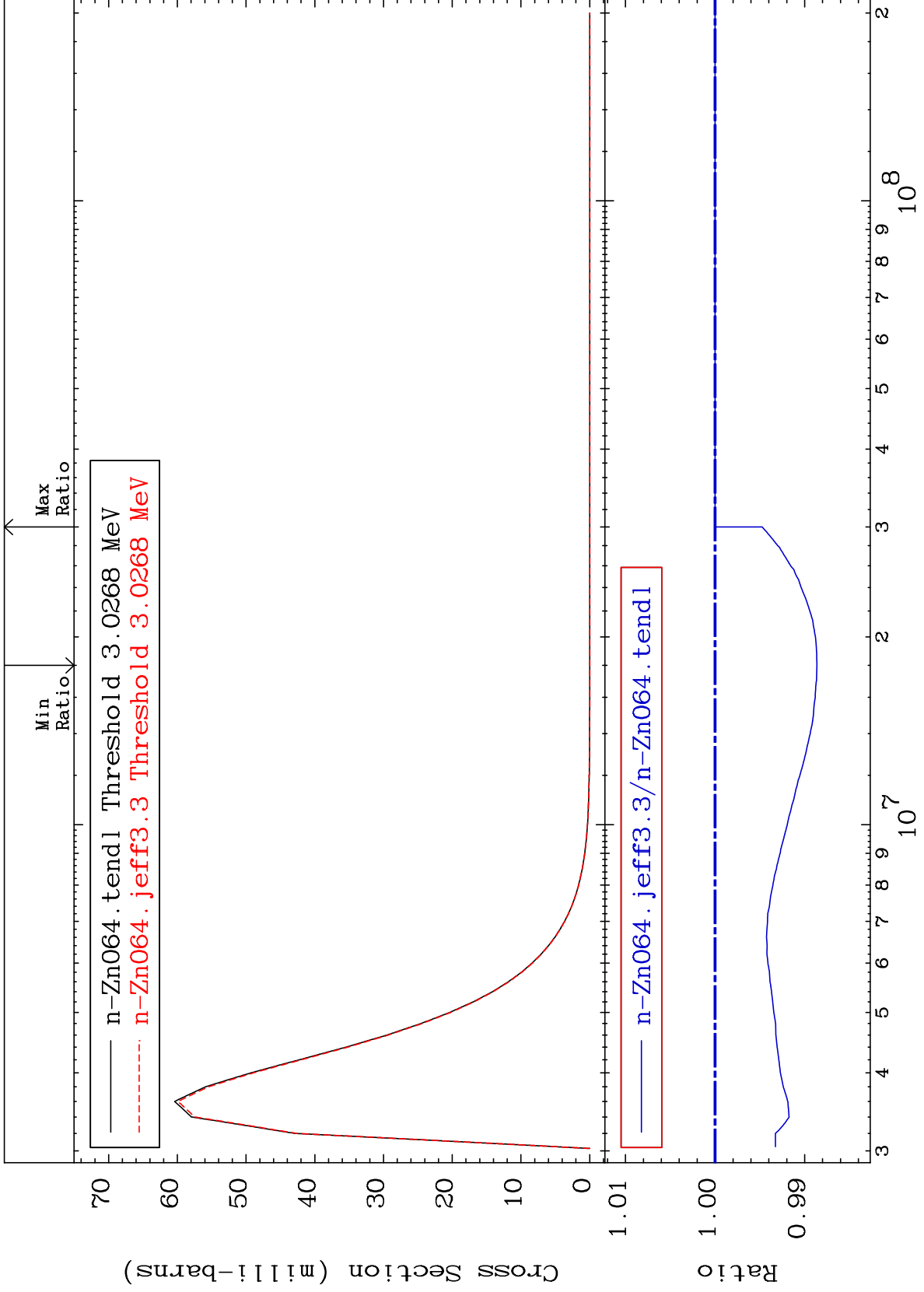
Incident Energy (eV)

30-Zn-64

MAT 3025

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

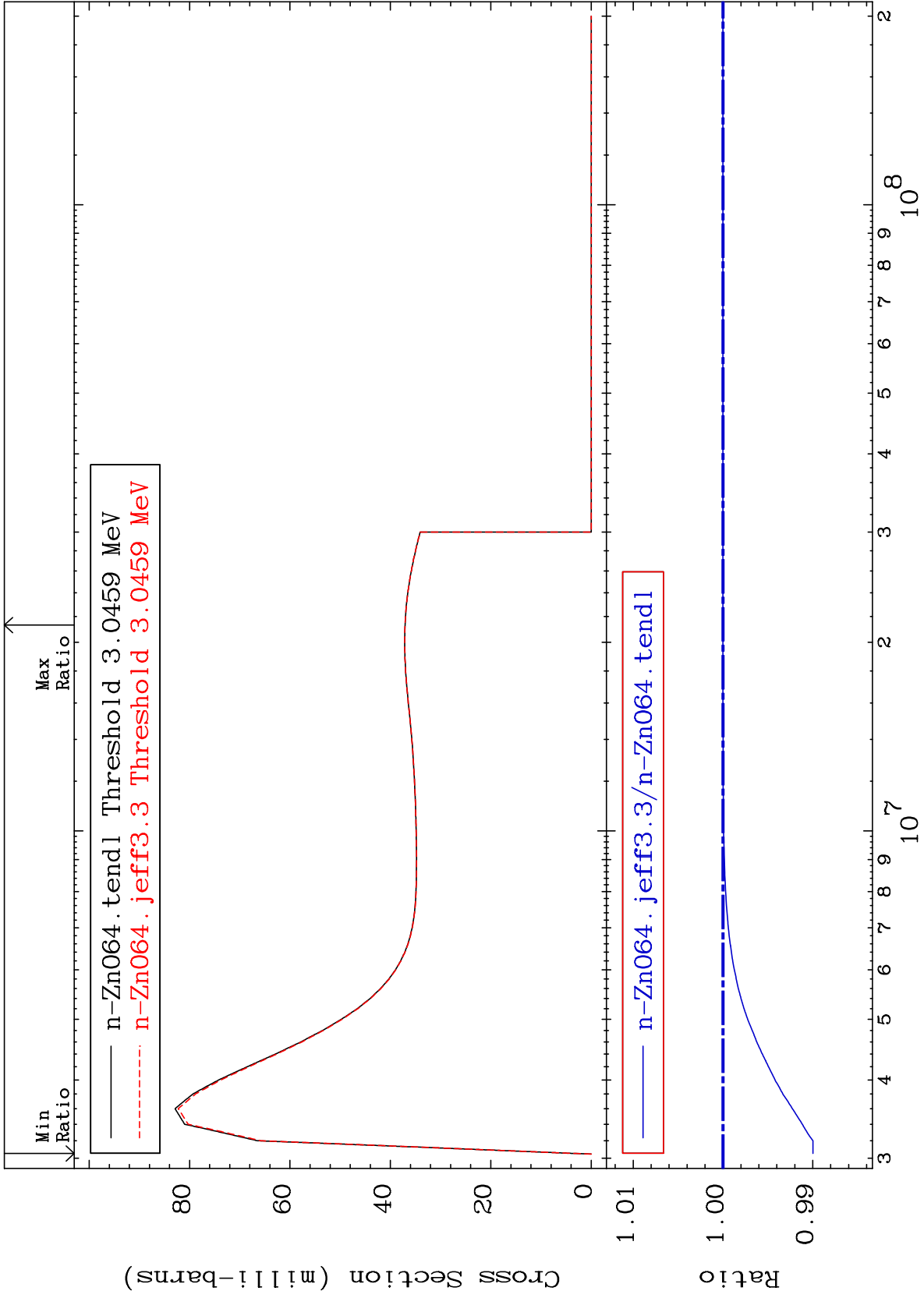
30-Zn-64
-1.137 To 0.000 %



MAT 3025

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

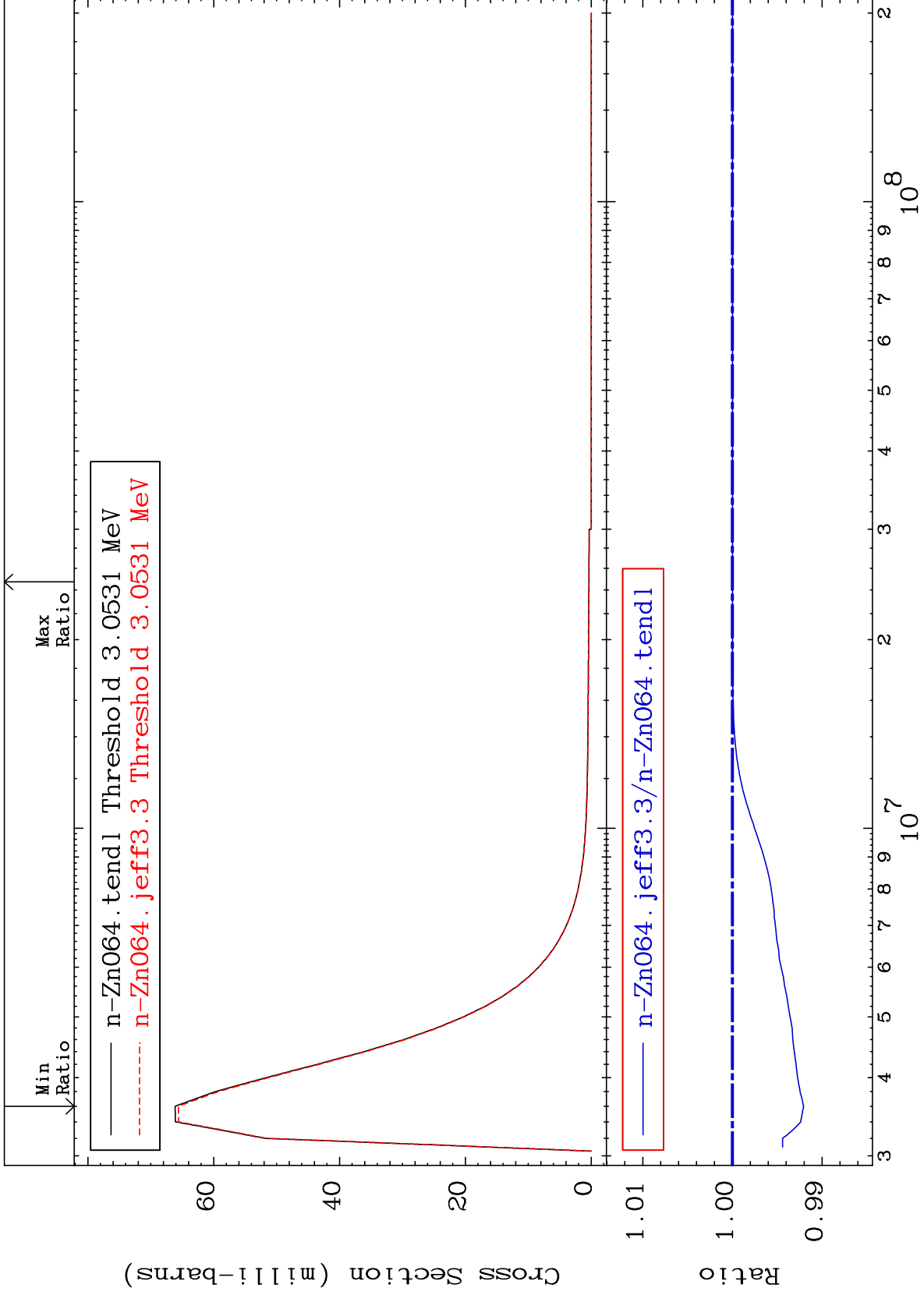
30-Zn-64
-1.002 To 0.000 %



MAT 3025

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

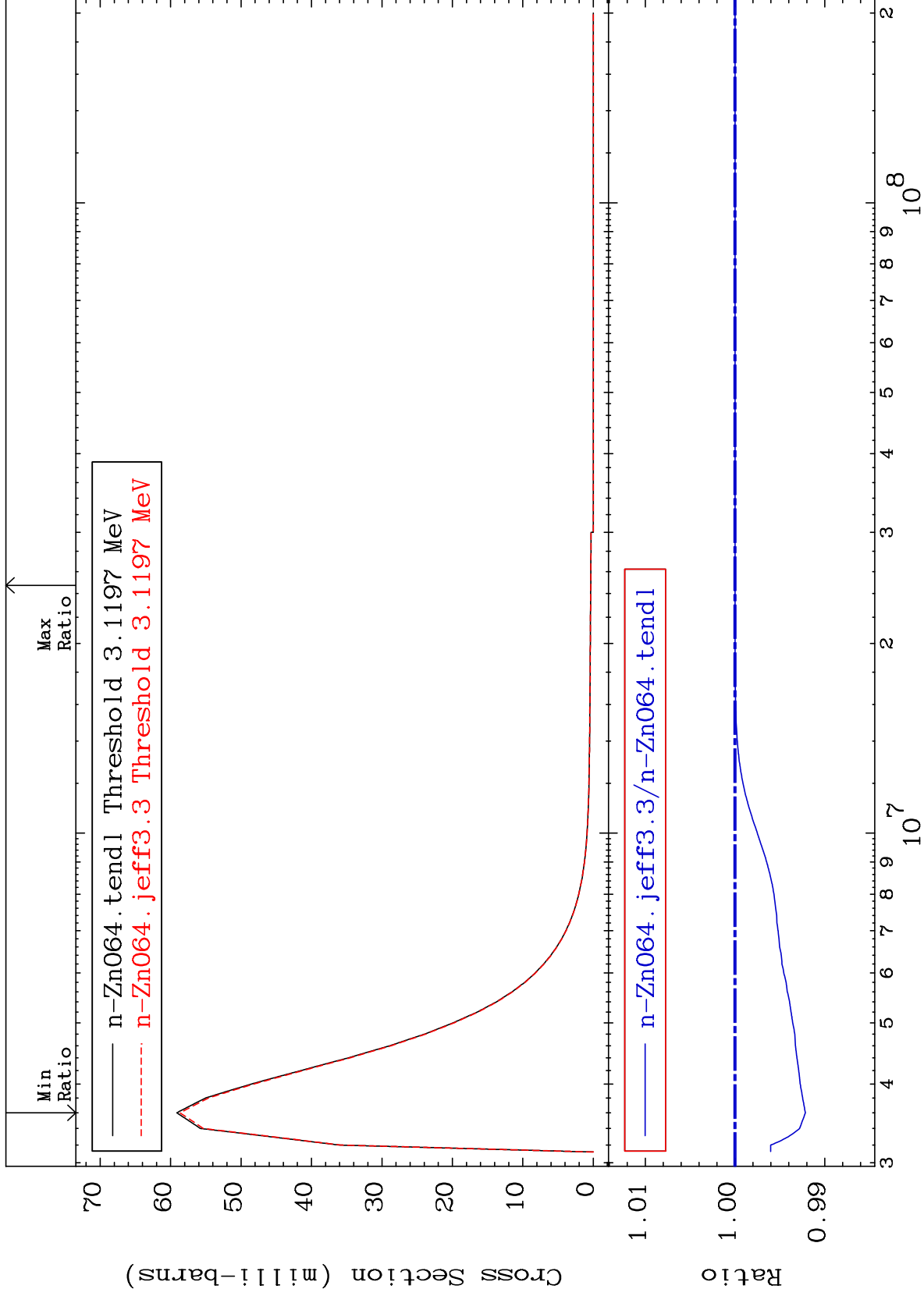
30-Zn-64
-0.793 To 0.000 %



MAT 3025

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

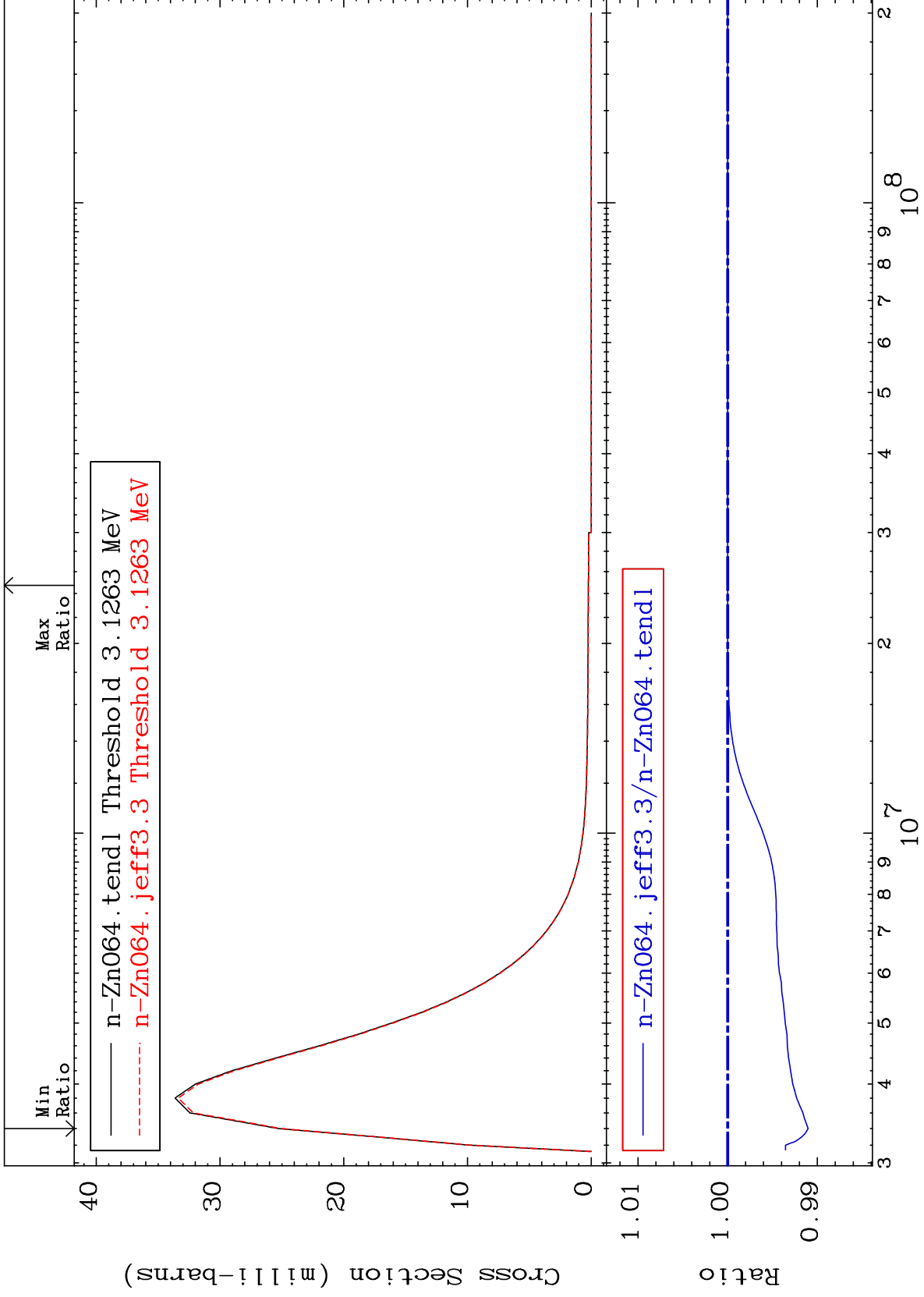
30-Zn-64
-0.784 To 0.000 %



MAT 3025

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

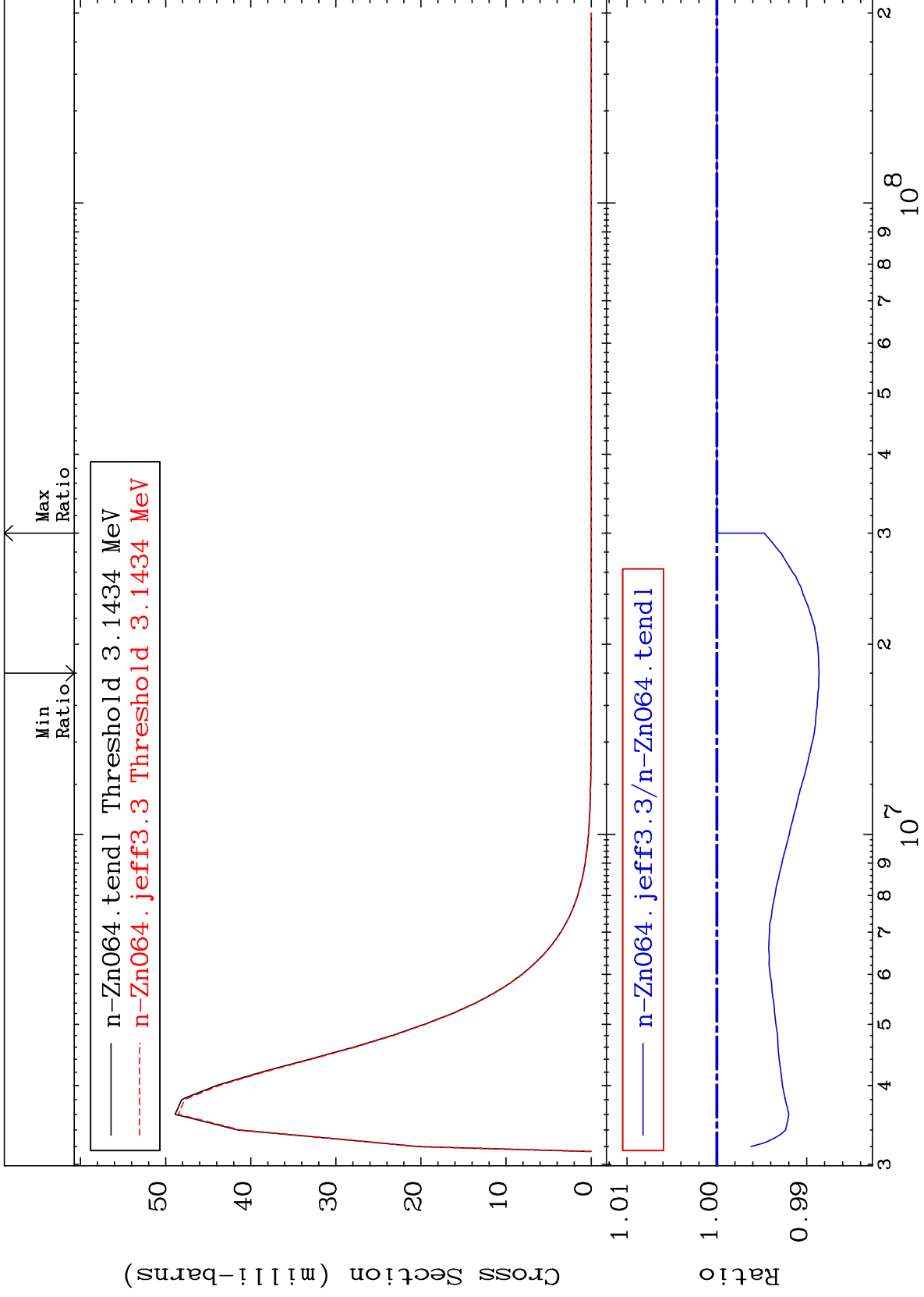
30-Zn-64
-0.898 To 0.000 %



MAT 3025

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

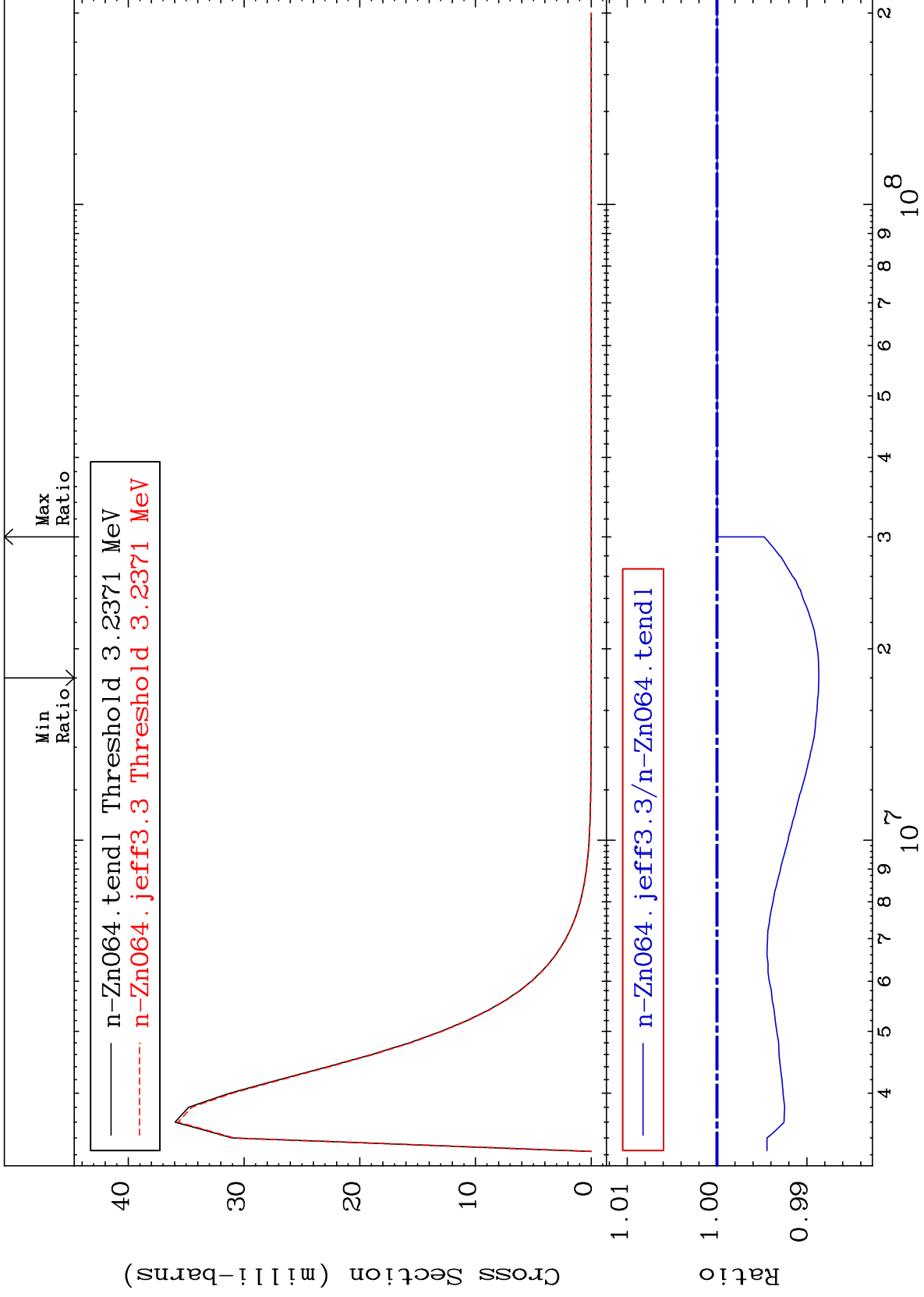
30-Zn-64
-1.137 To 0.000 %



MAT 3025

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

30-Zn-64
-1.134 To 0.000 %



32

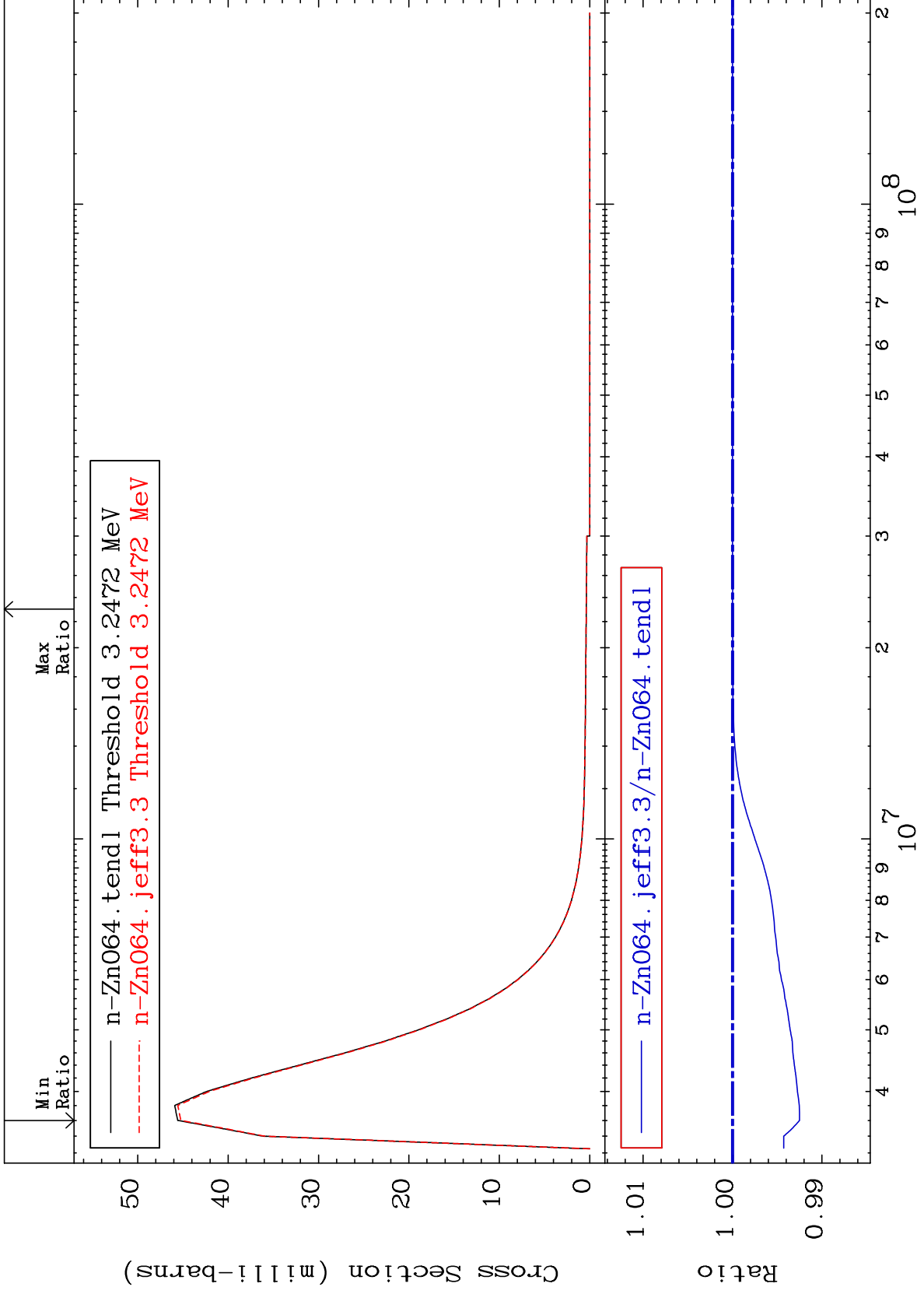
Incident Energy (eV)

30-Zn-64

MAT 3025

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

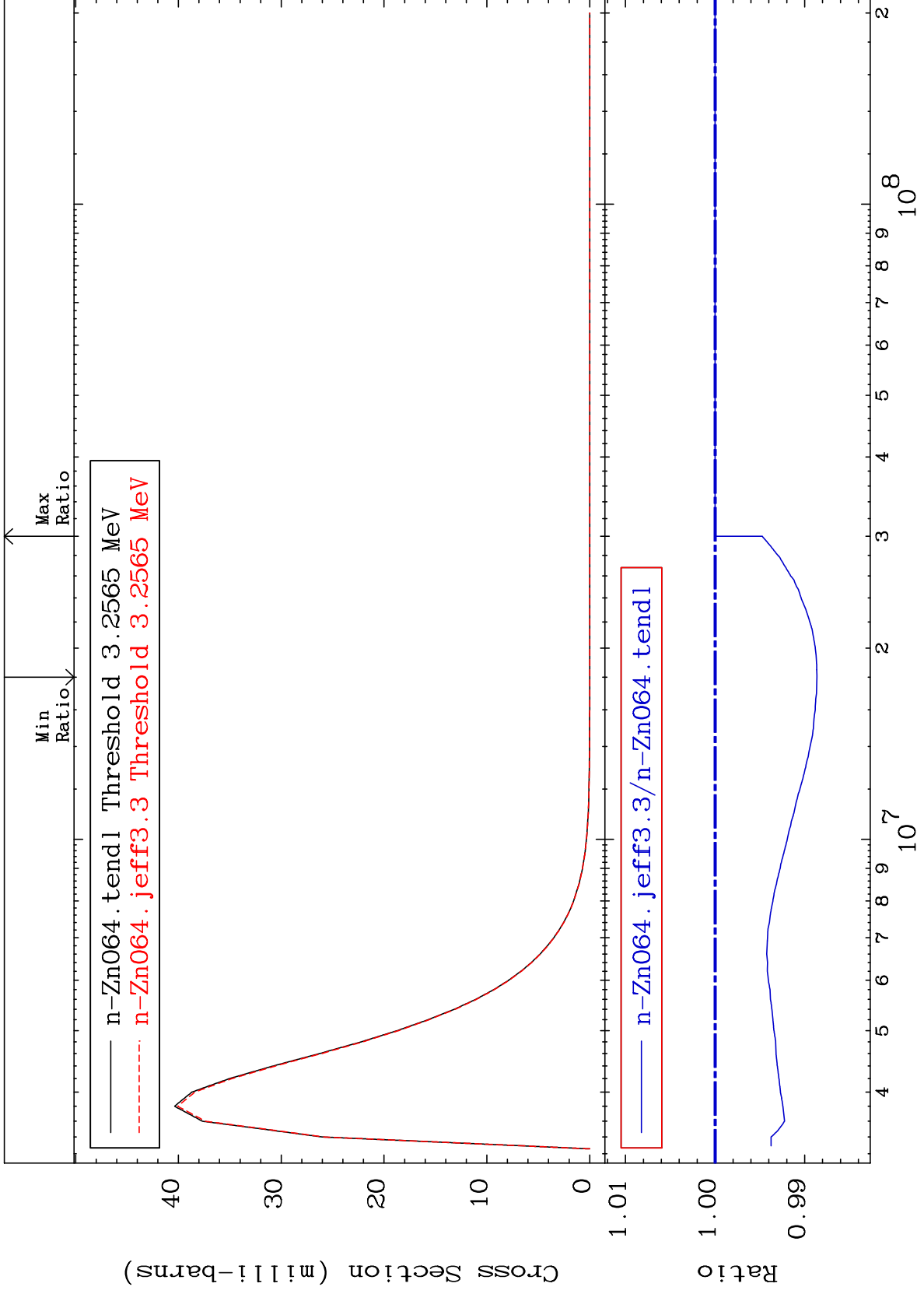
30-Zn-64
-0.748 To 0.000 %



MAT 3025

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

30-Zn-64
-1.137 To 0.000 %



34

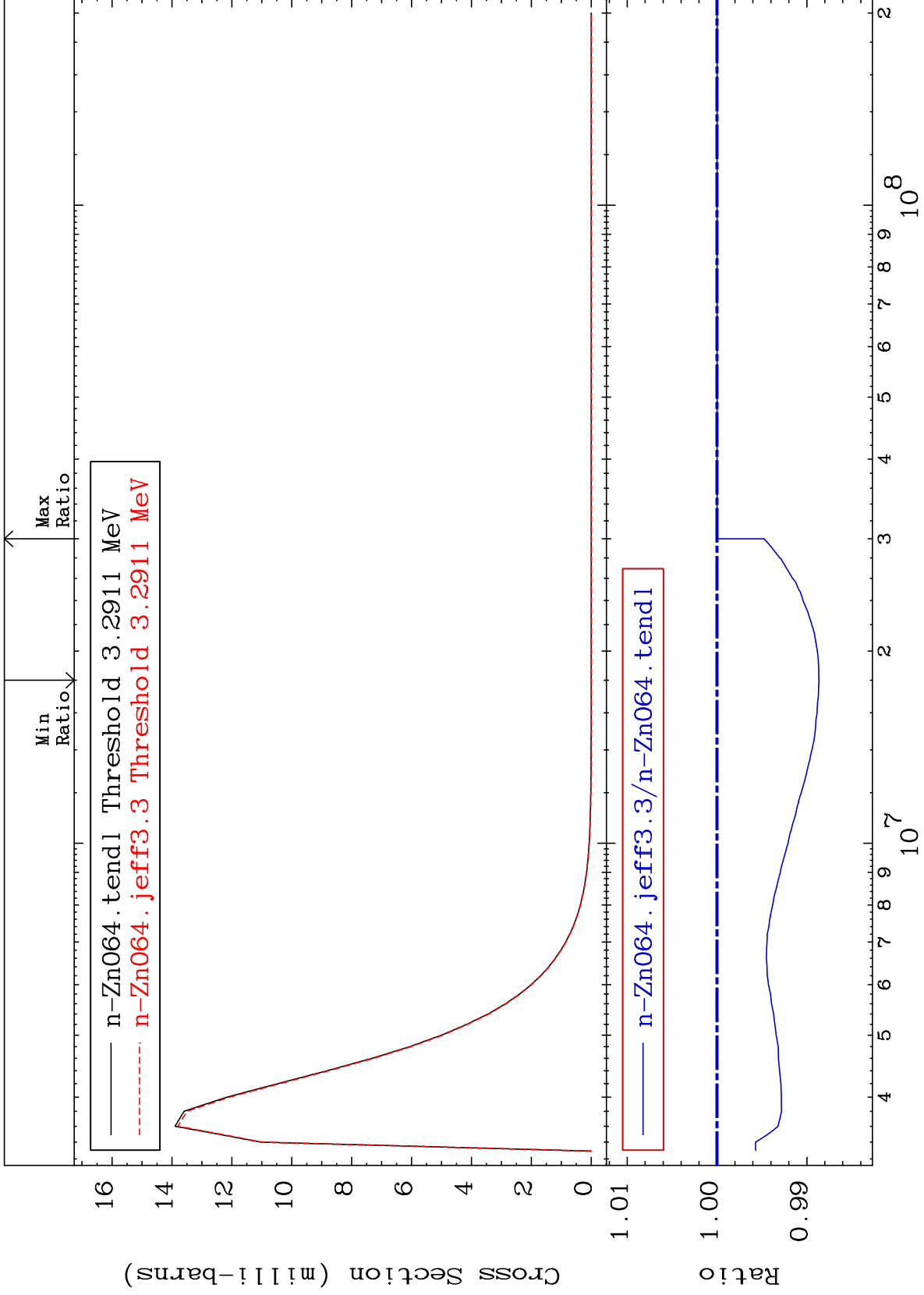
Incident Energy (eV)

30-Zn-64

MAT 3025

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

30-Zn-64
-1.134 To 0.000 %



35

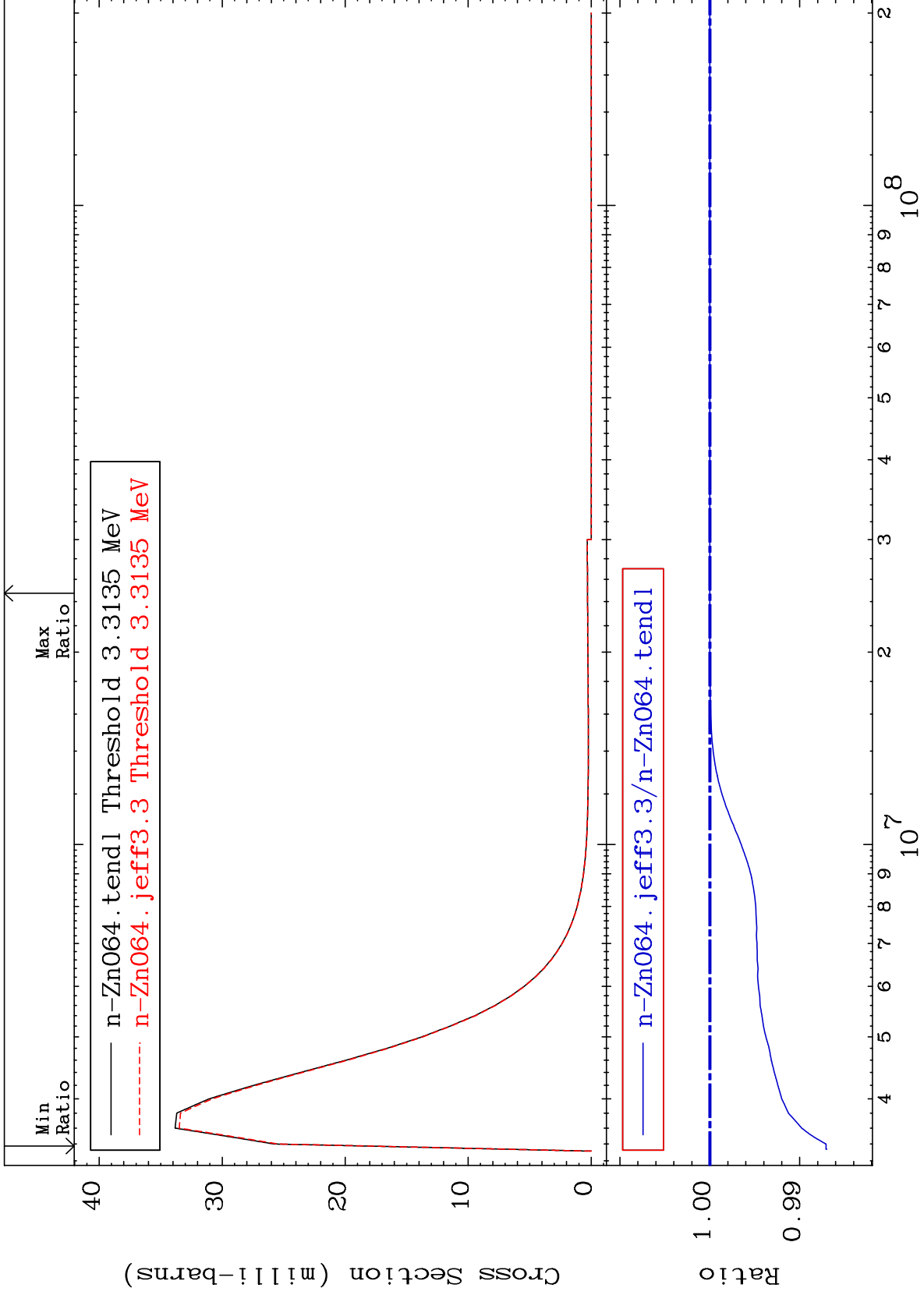
Incident Energy (eV)

30-Zn-64

MAT 3025

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

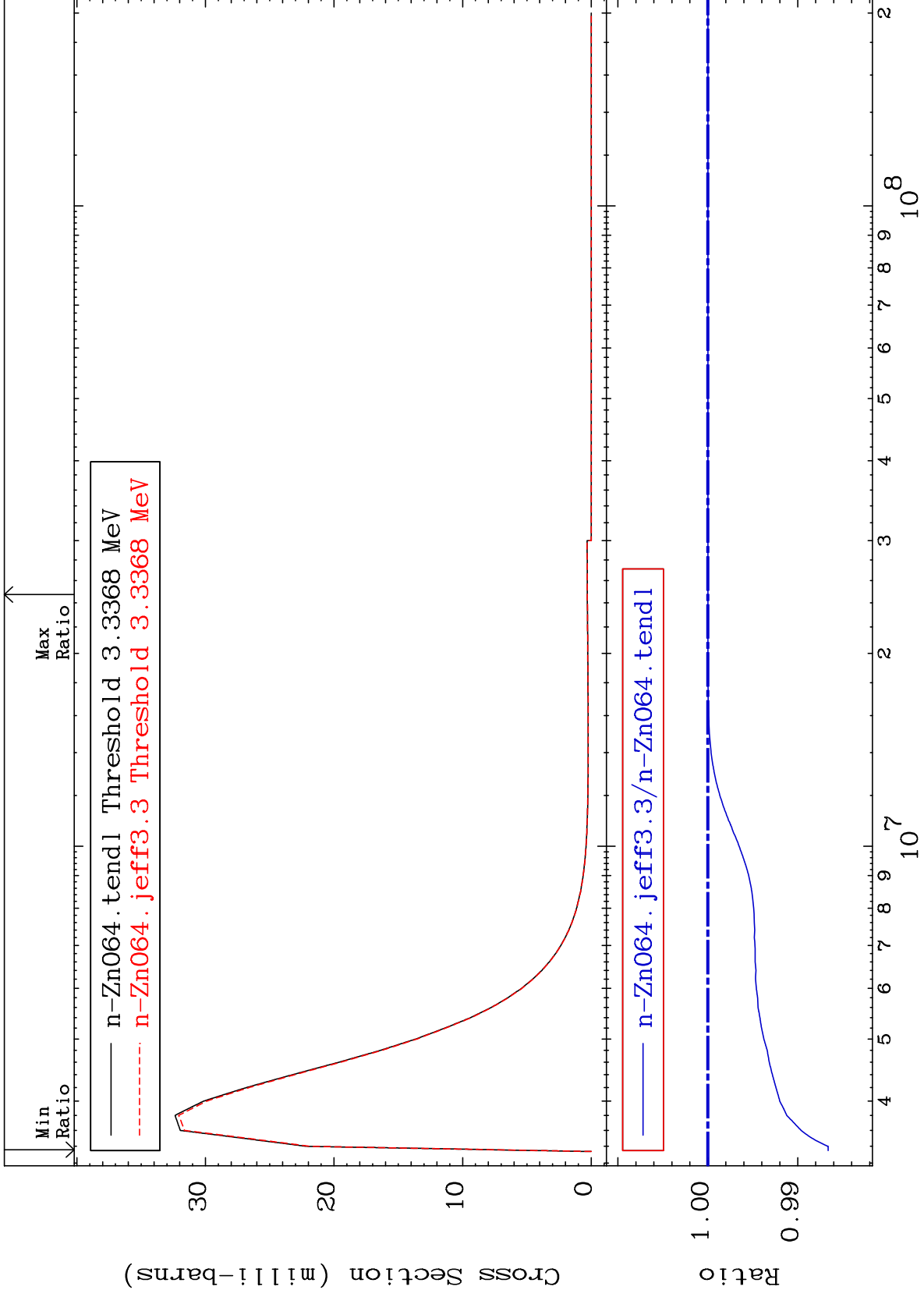
30-Zn-64
-1.293 To 0.000 %



MAT 3025

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

30-Zn-64
-1.337 To 0.000 %



37

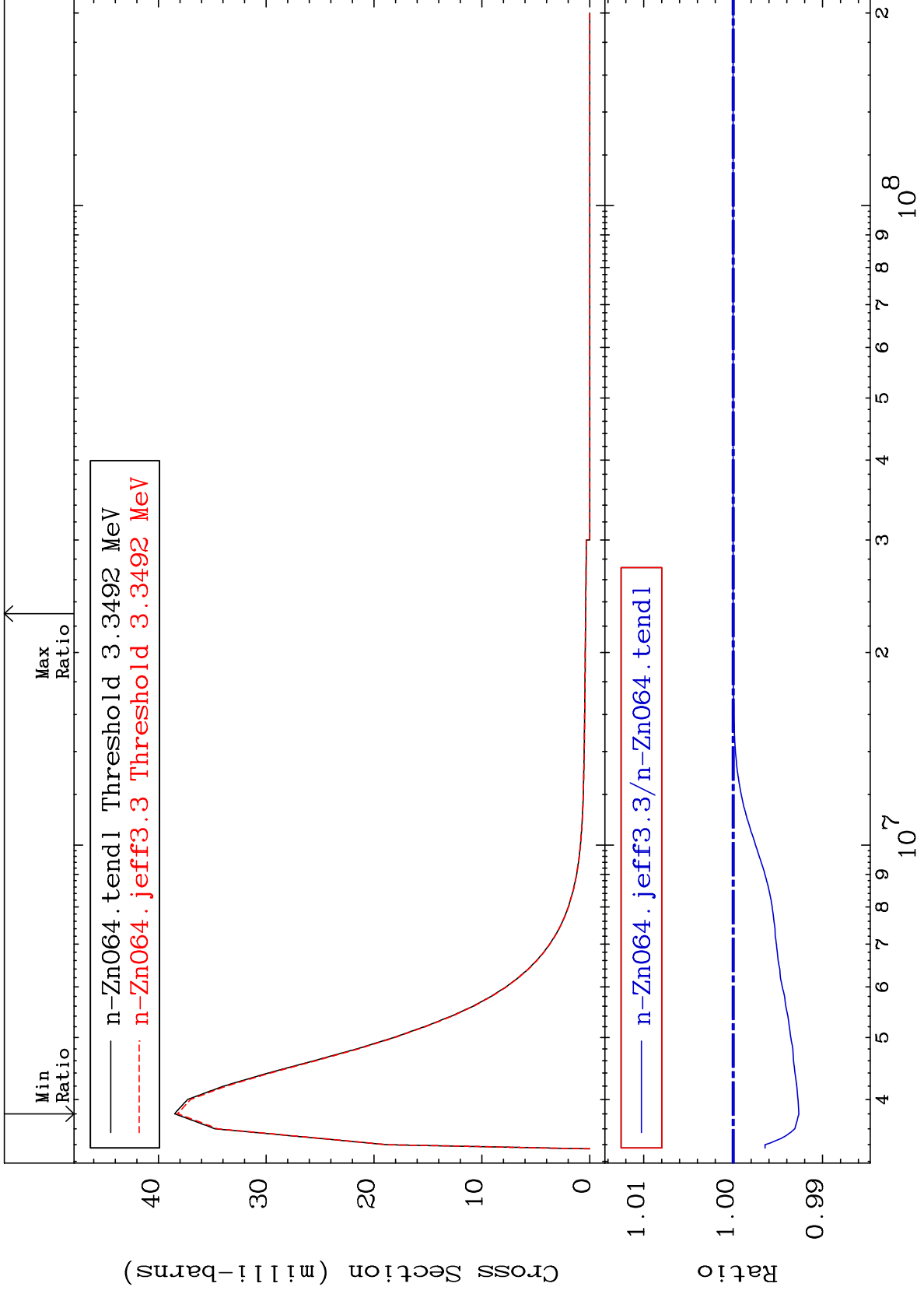
Incident Energy (eV)

30-Zn-64

MAT 3025

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

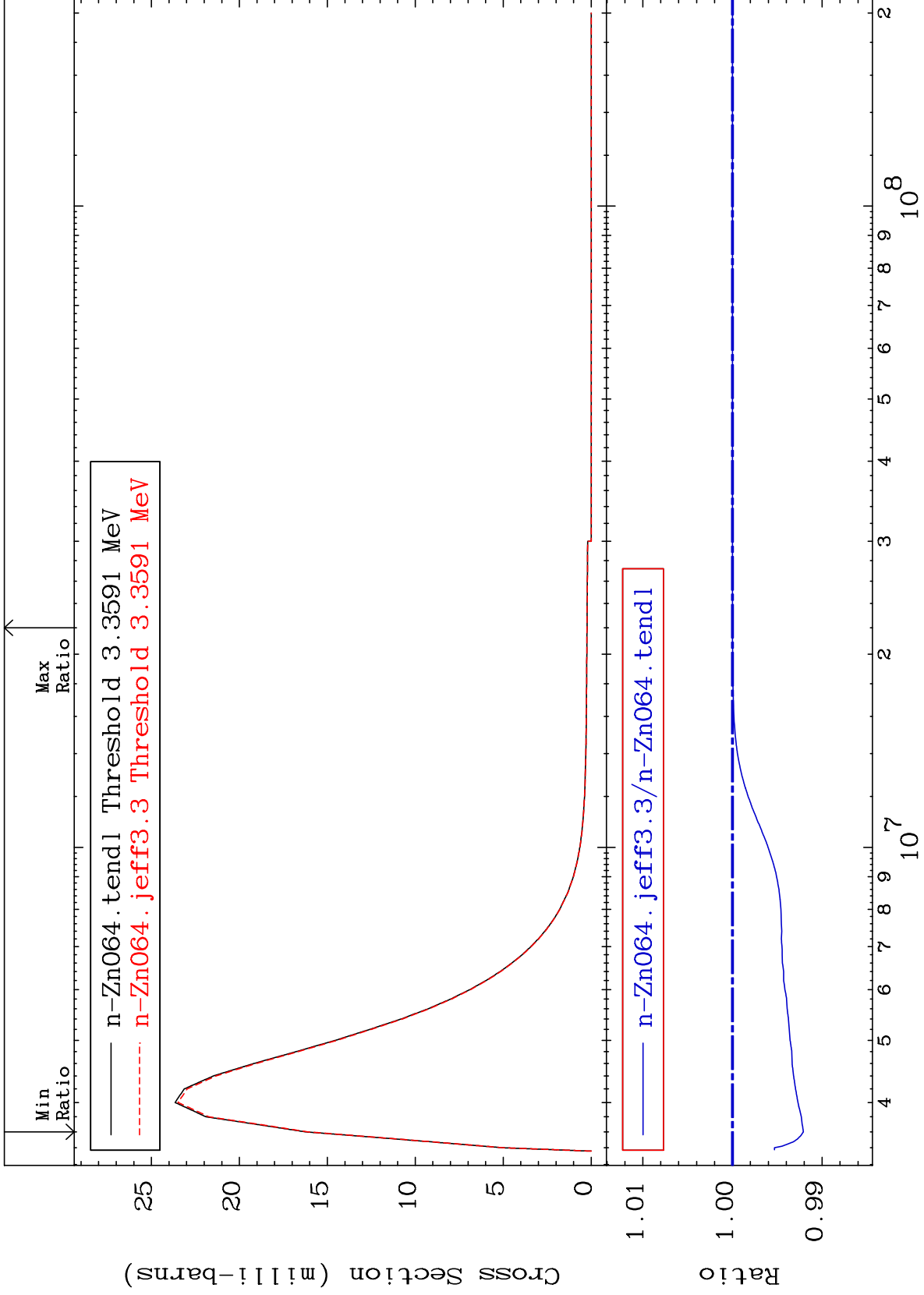
30-Zn-64
-0.734 To 0.000 %



MAT 3025

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

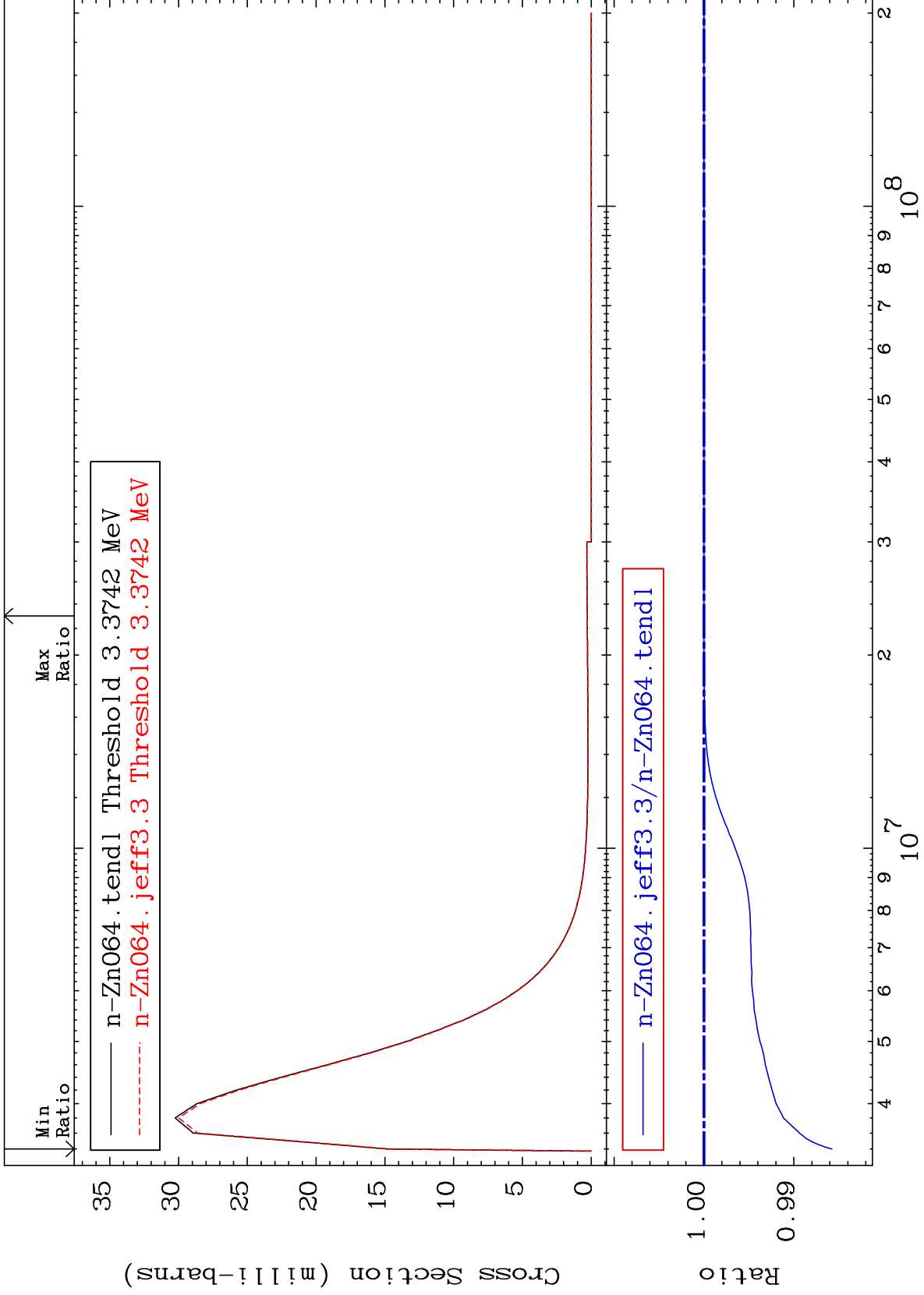
30-Zn-64
-0.791 To 0.000 %



MAT 3025

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

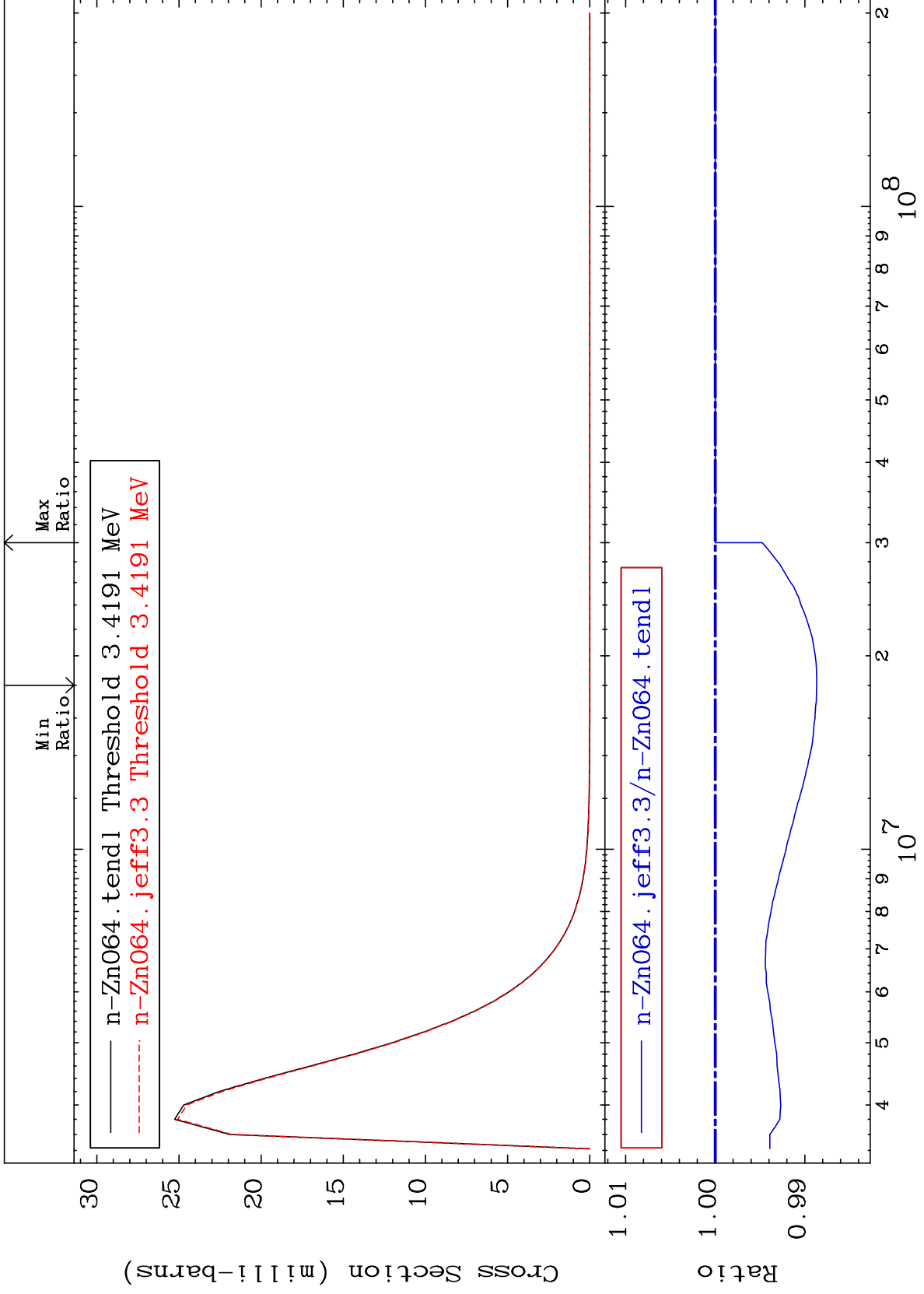
30-Zn-64
-1.423 To 0.000 %



MAT 3025

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

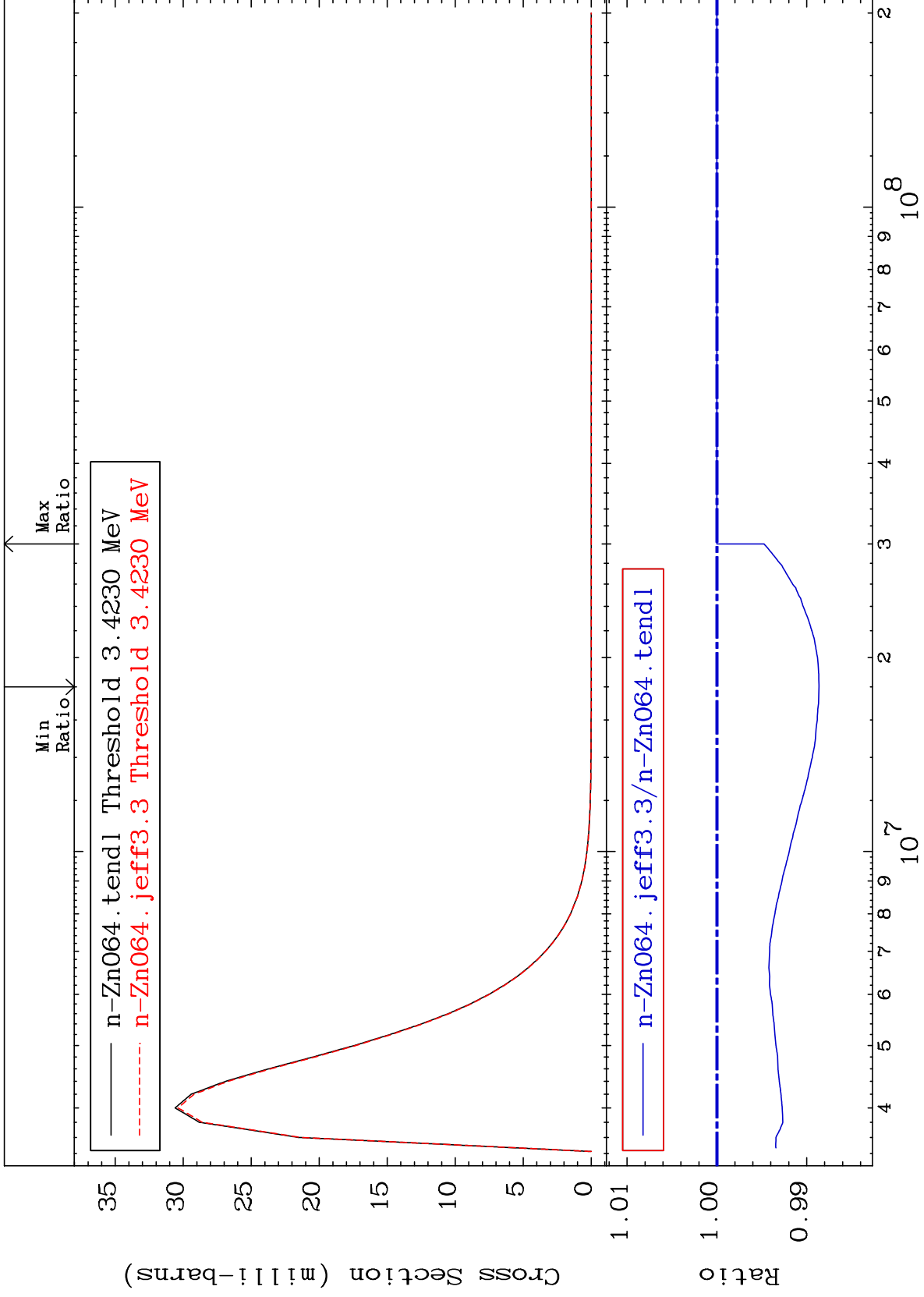
30-Zn-64
-1.134 To 0.000 %



MAT 3025

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

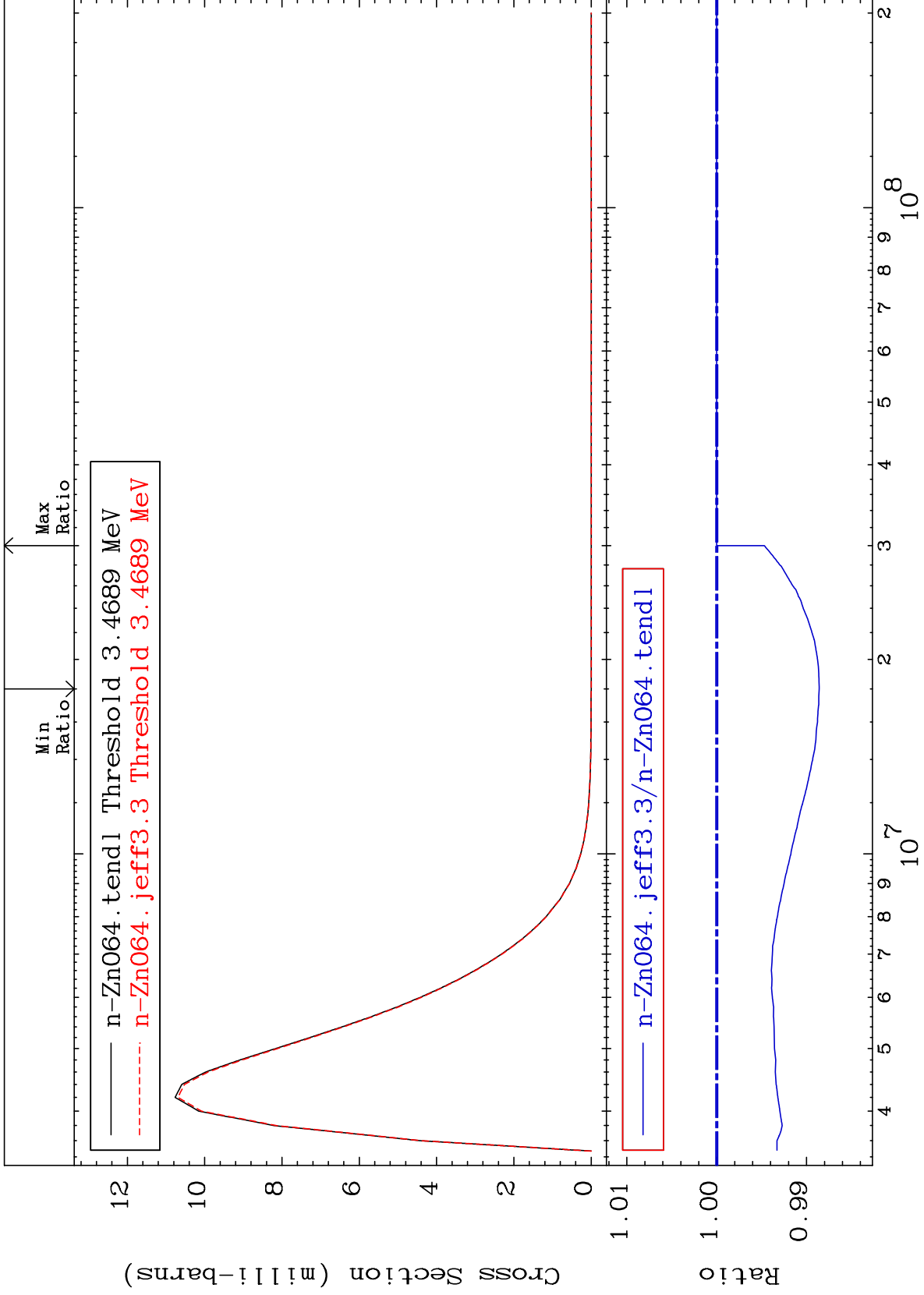
30-Zn-64
-1.137 To 0.000 %



MAT 3025

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

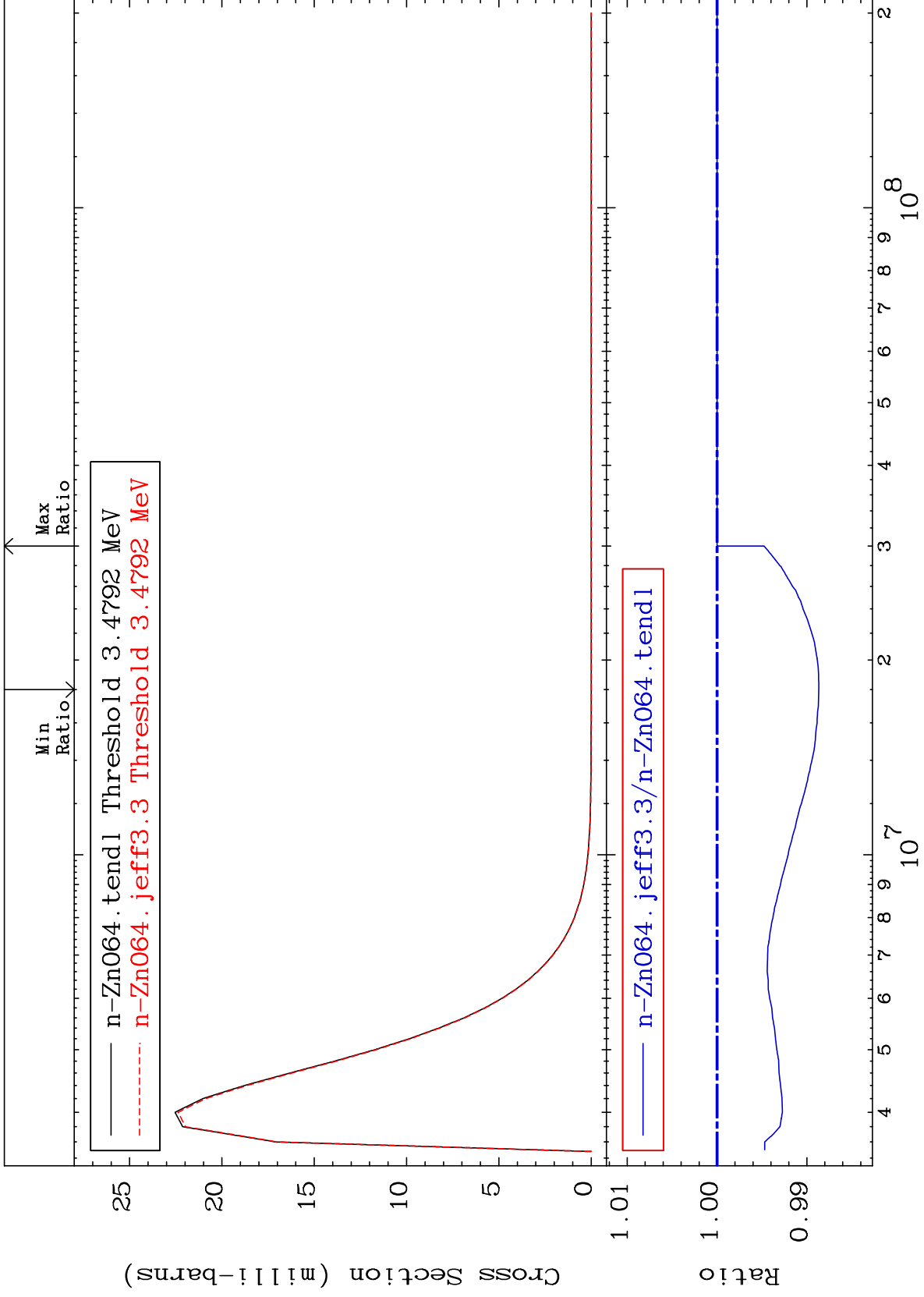
30-Zn-64
-1.141 To 0.000 %



MAT 3025

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

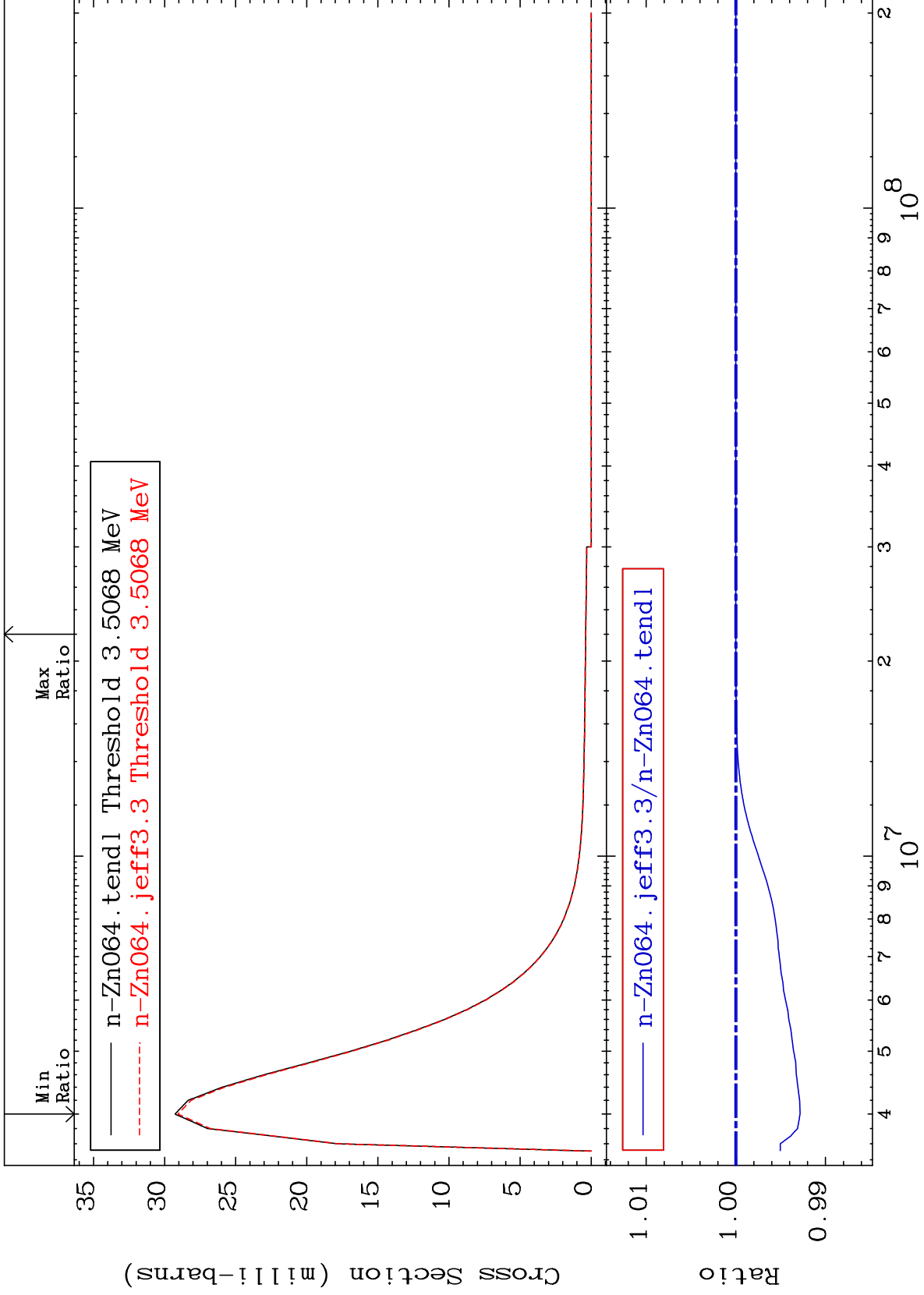
30-Zn-64
-1.133 To 0.000 %



MAT 3025

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

30-Zn-64
-0.716 To 0.000 %



45

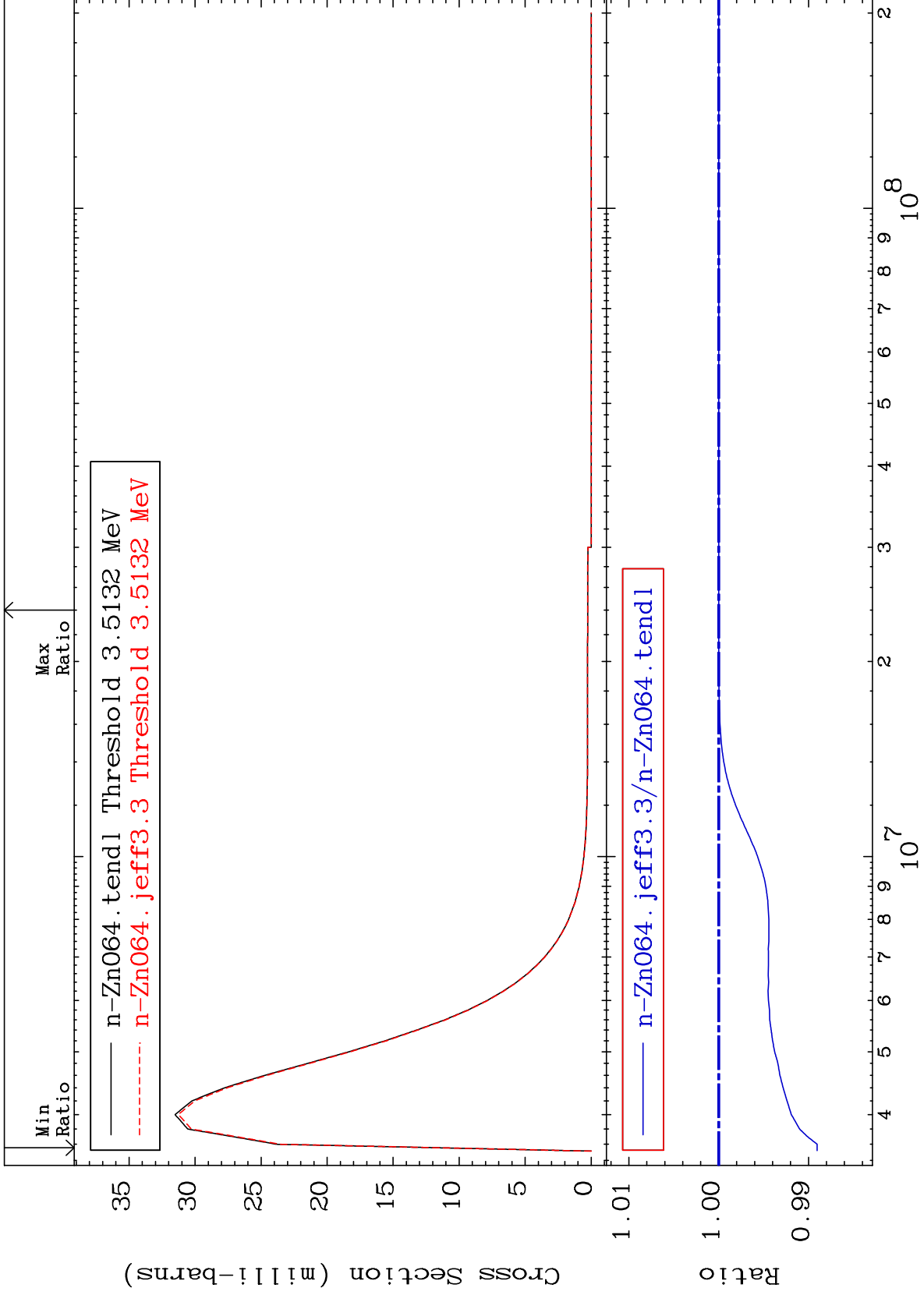
Incident Energy (eV)

30-Zn-64

MAT 3025

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

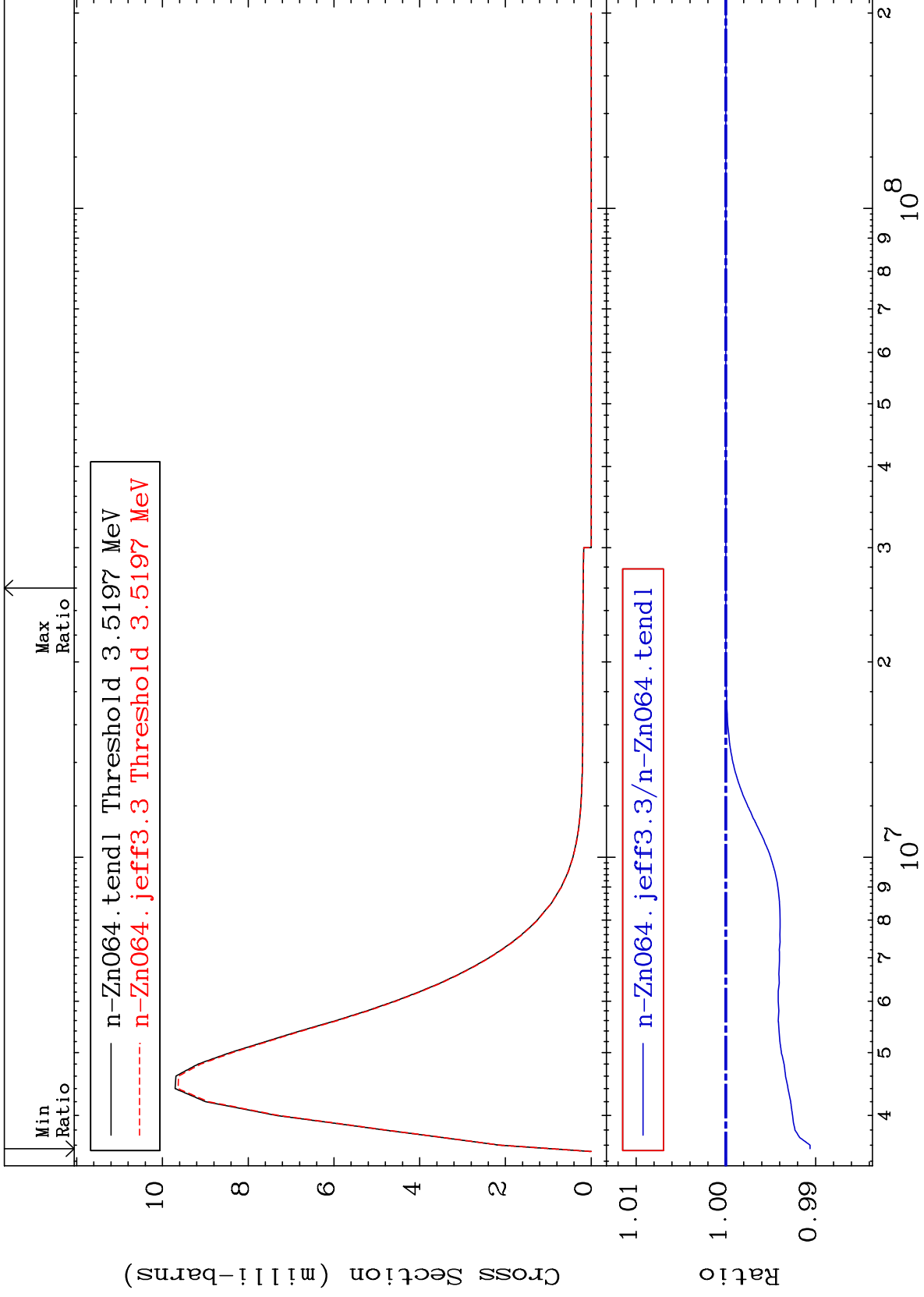
30-Zn-64
-1.097 To 0.000 %



MAT 3025

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

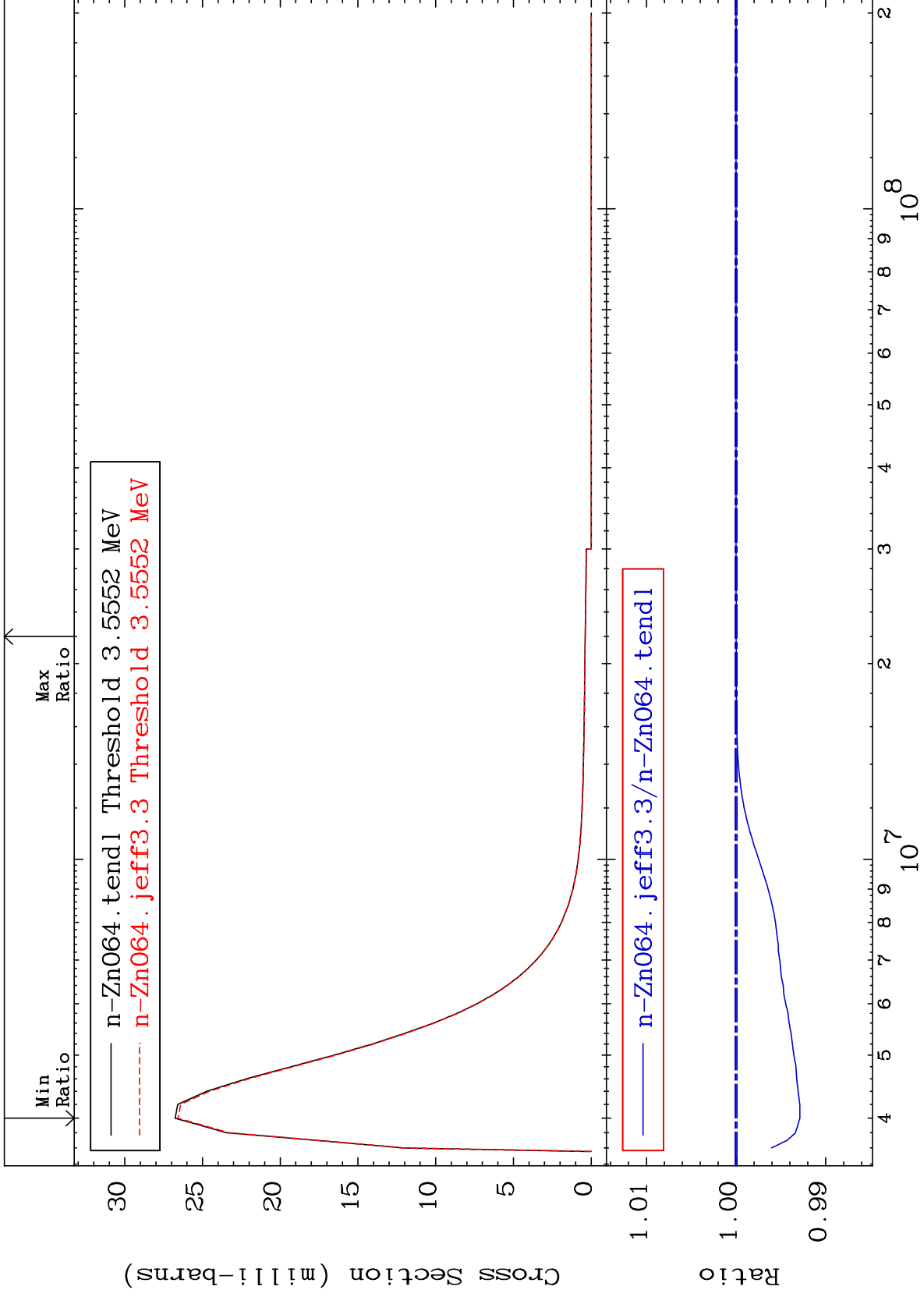
30-Zn-64
-0.939 To 0.000 %

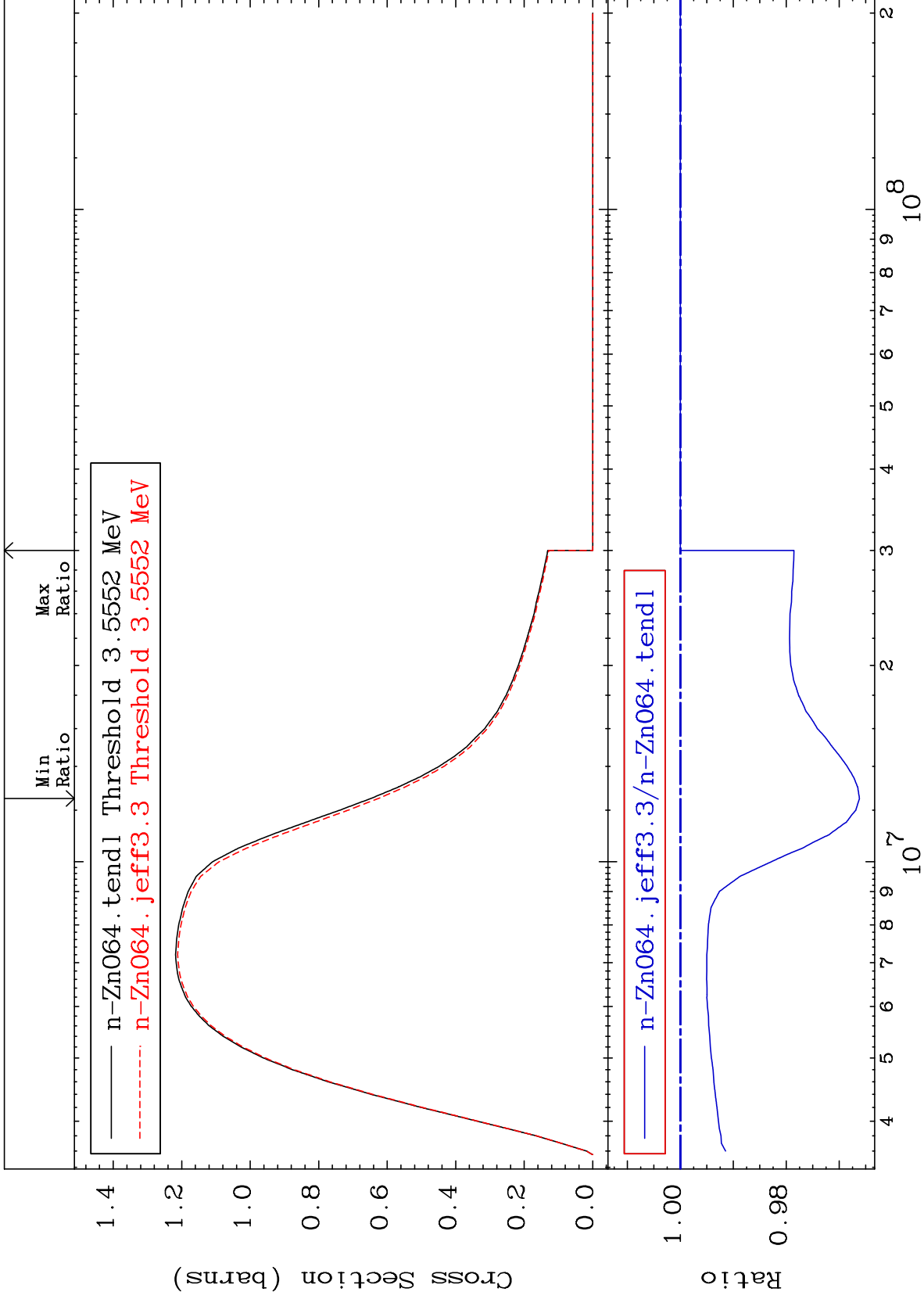


MAT 3025

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

30-Zn-64
-0.711 To 0.000 %



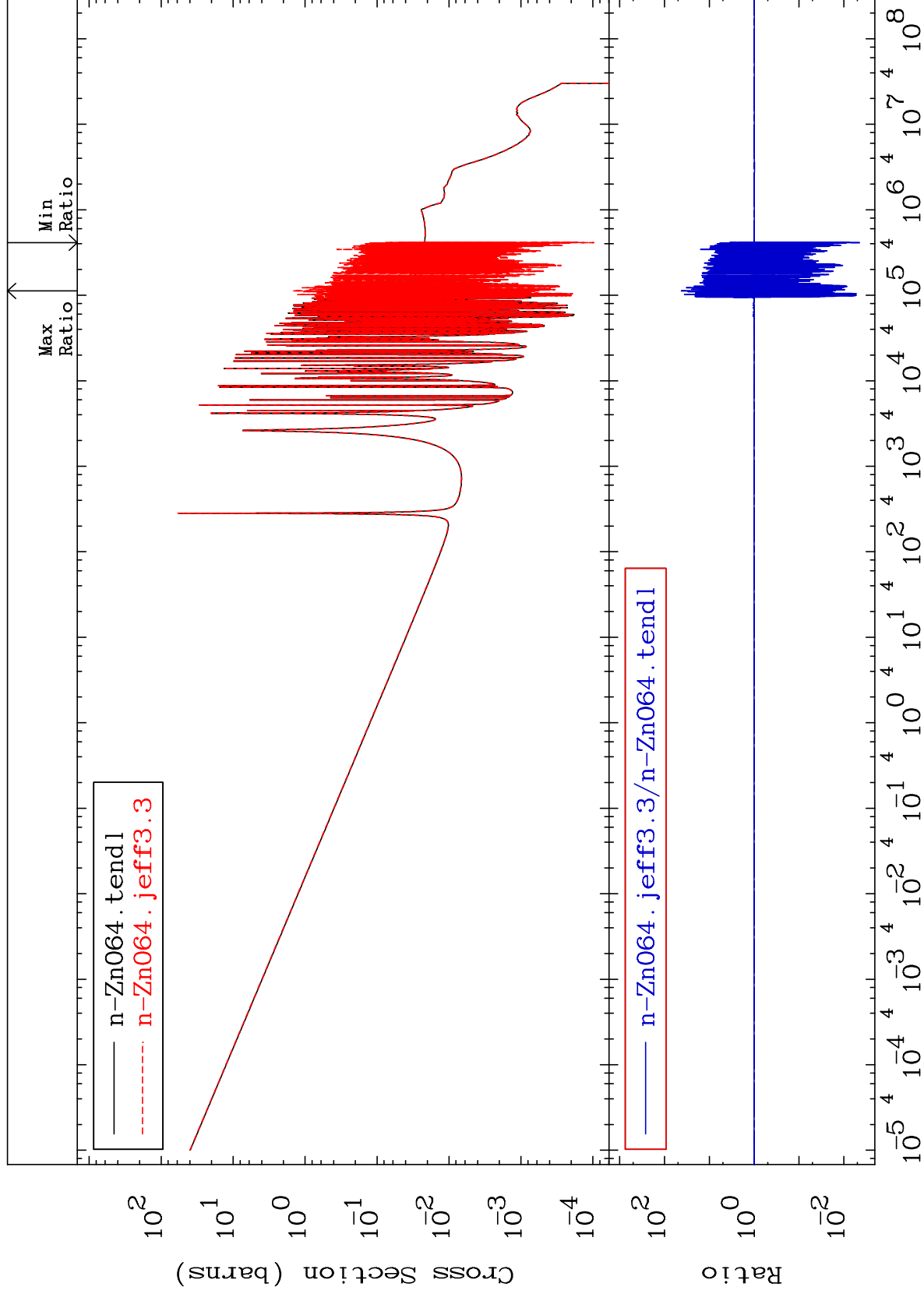


MAT 3025

(n, γ)
Cross Section

30-Zn-64

-99.55 To 4148. %



50

Incident Energy (eV)

30-Zn-64

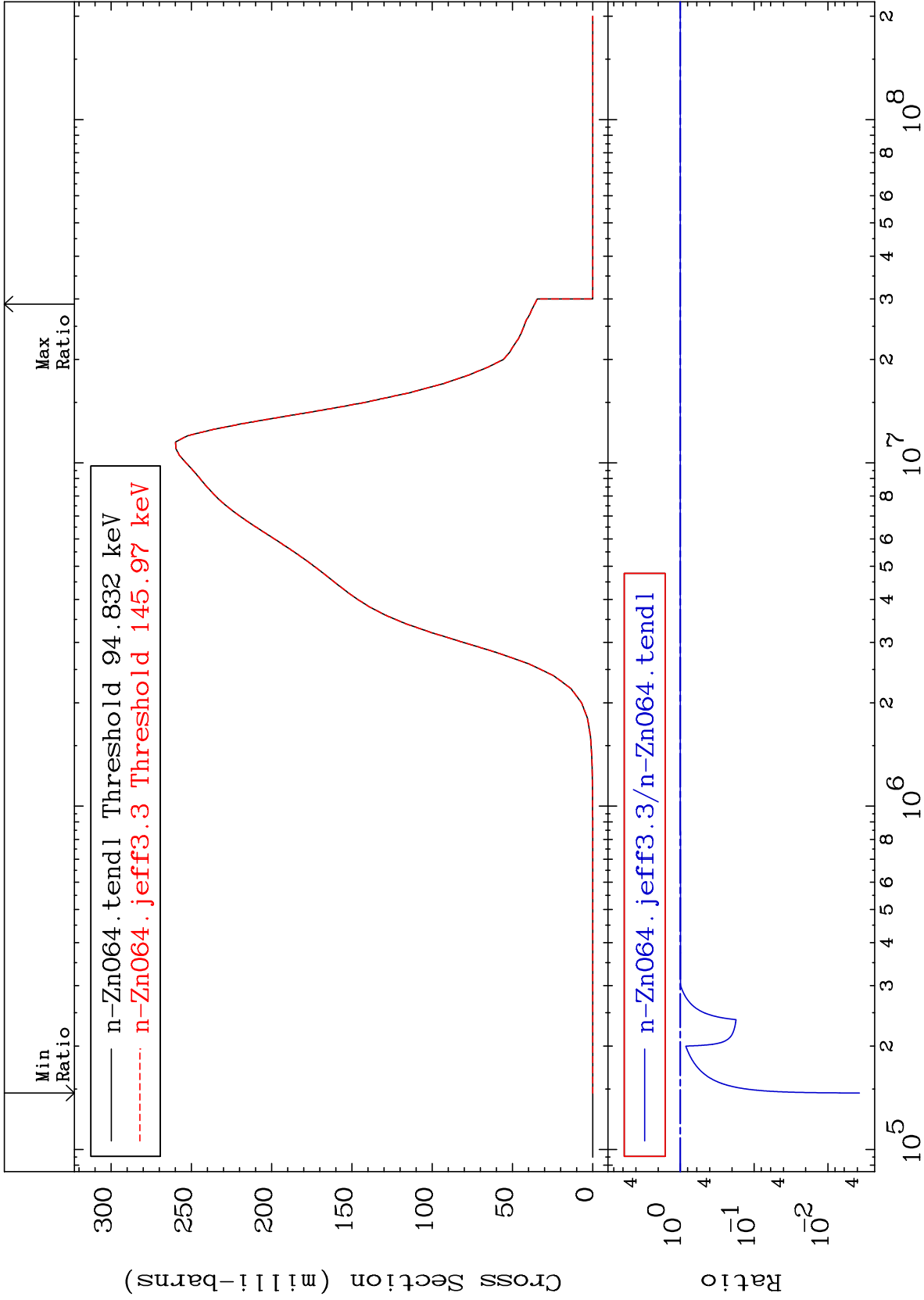
MAT 3025

(n,p)

30-Zn-64

Cross Section

-99.63 To 0.101 %



51

Incident Energy (eV)

30-Zn-64

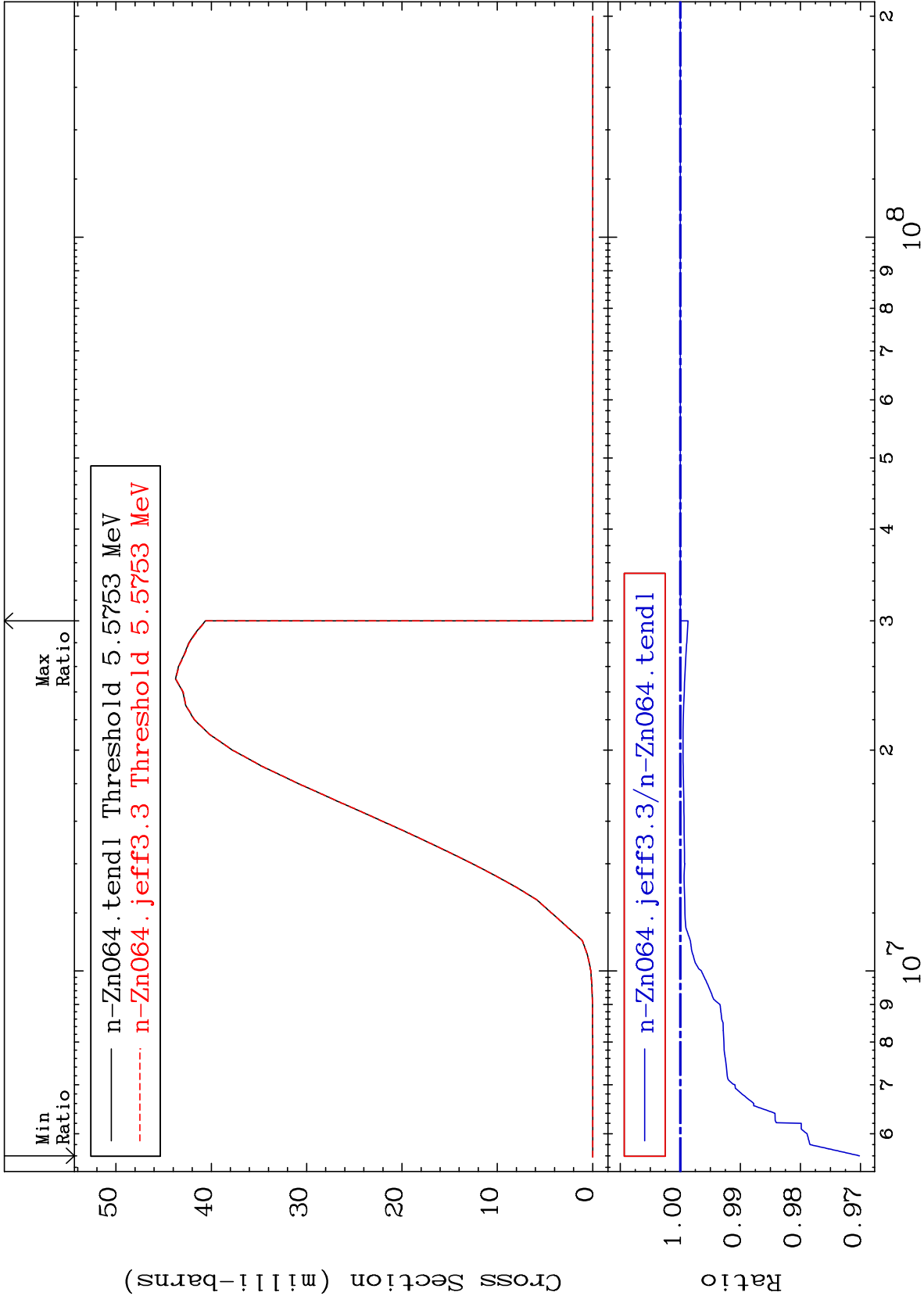
MAT 3025

(n, d)

30-Zn-64

Cross Section

-2.982 To 0.000 %



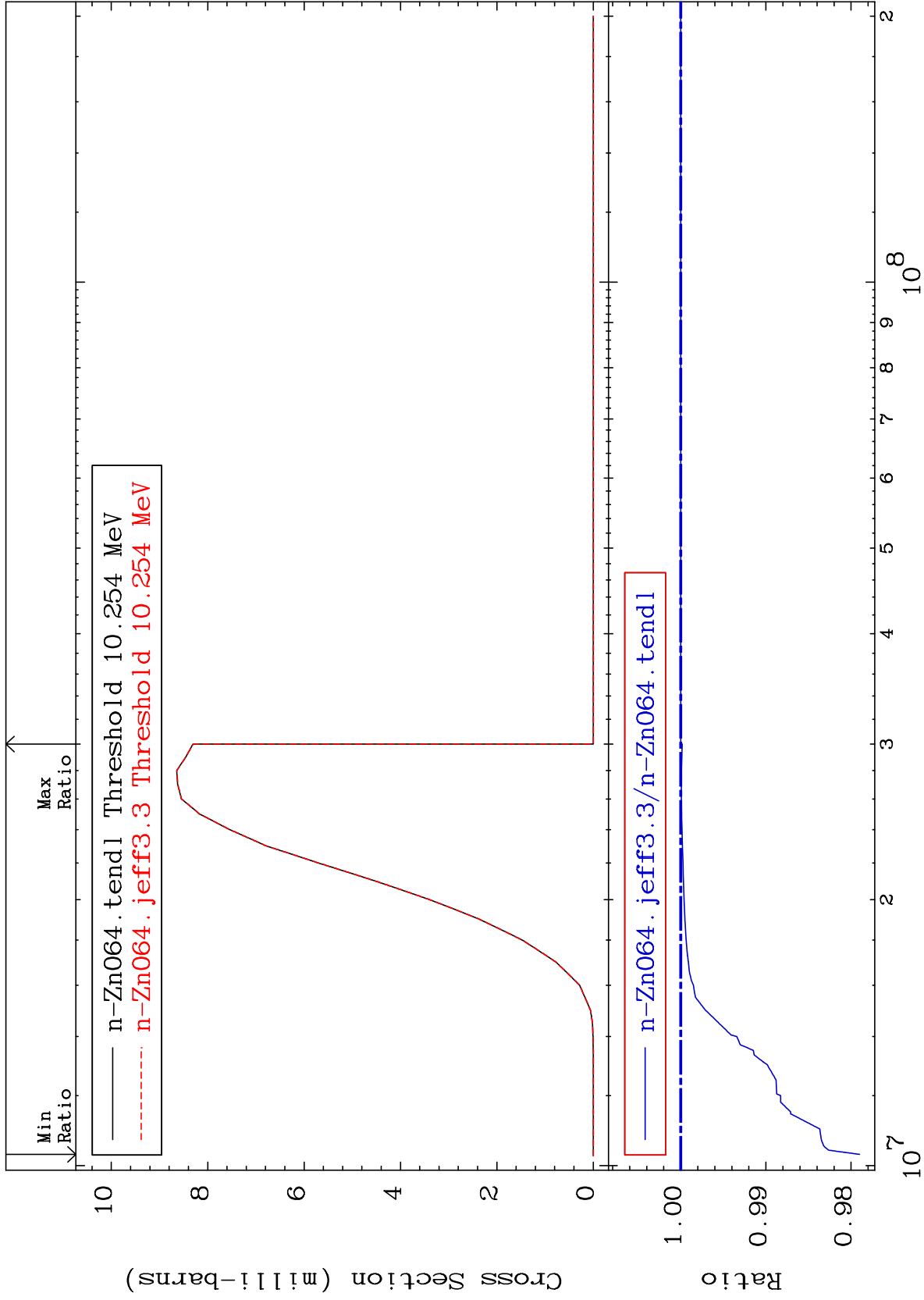
MAT 3025

(n, t)

30-Zn-64

Cross Section

-2.099 To 0.000 %



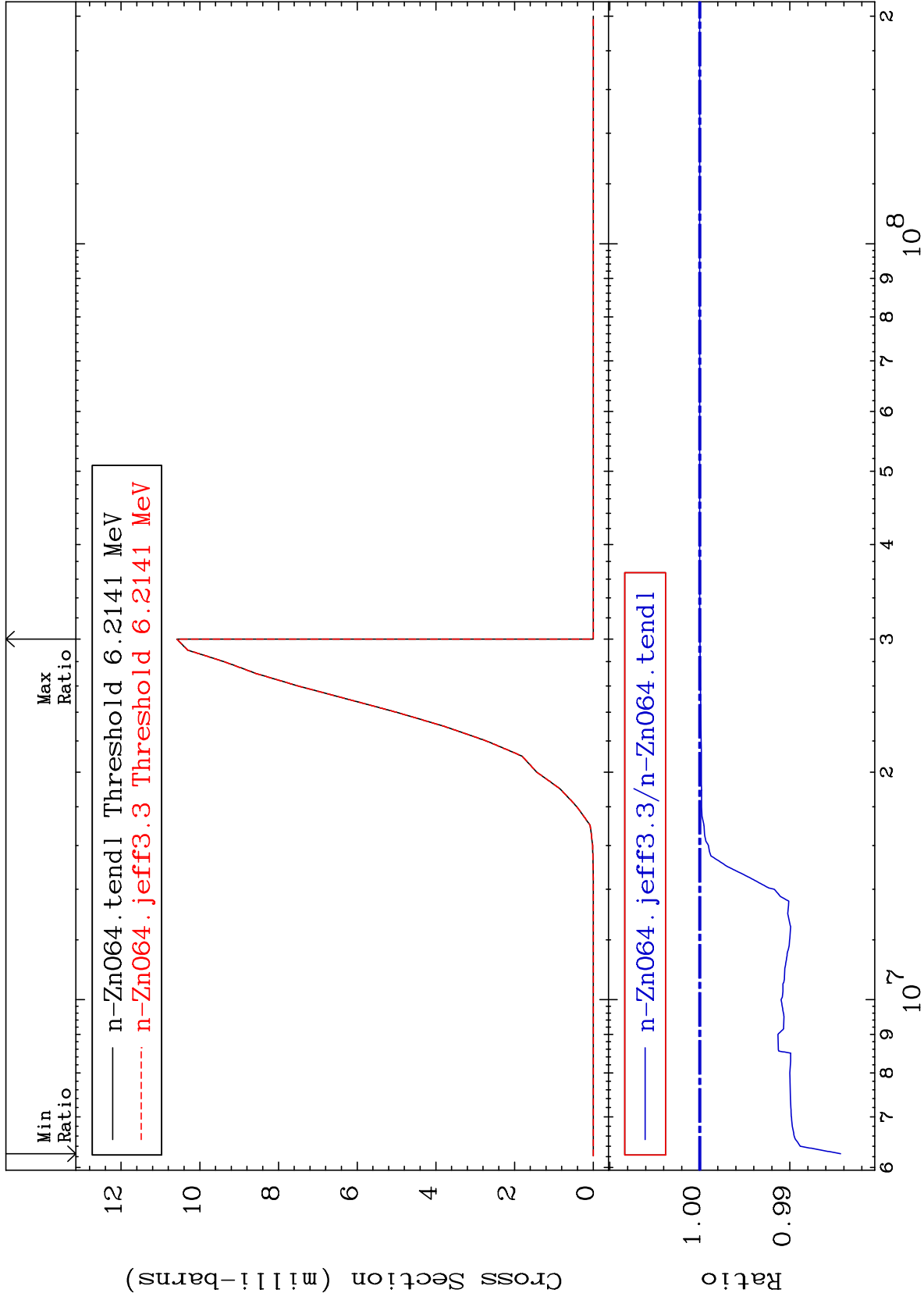
MAT 3025

(n, He-3)

30-Zn-64

Cross Section

-1.563 To 0.000 %

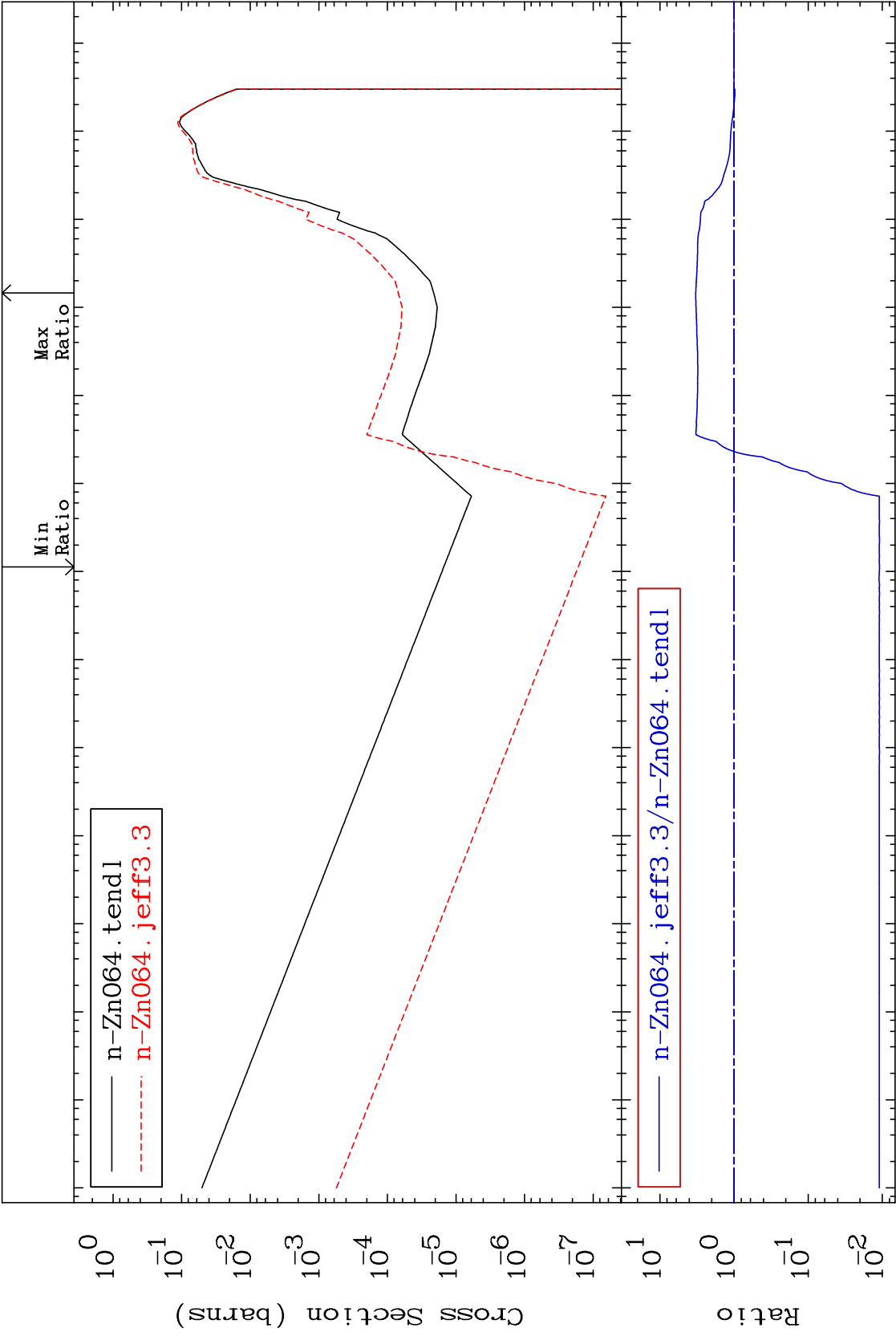


MAT 3025

30-Zn-64

-98.91 To 228.3 %

(n, α)
Cross Section



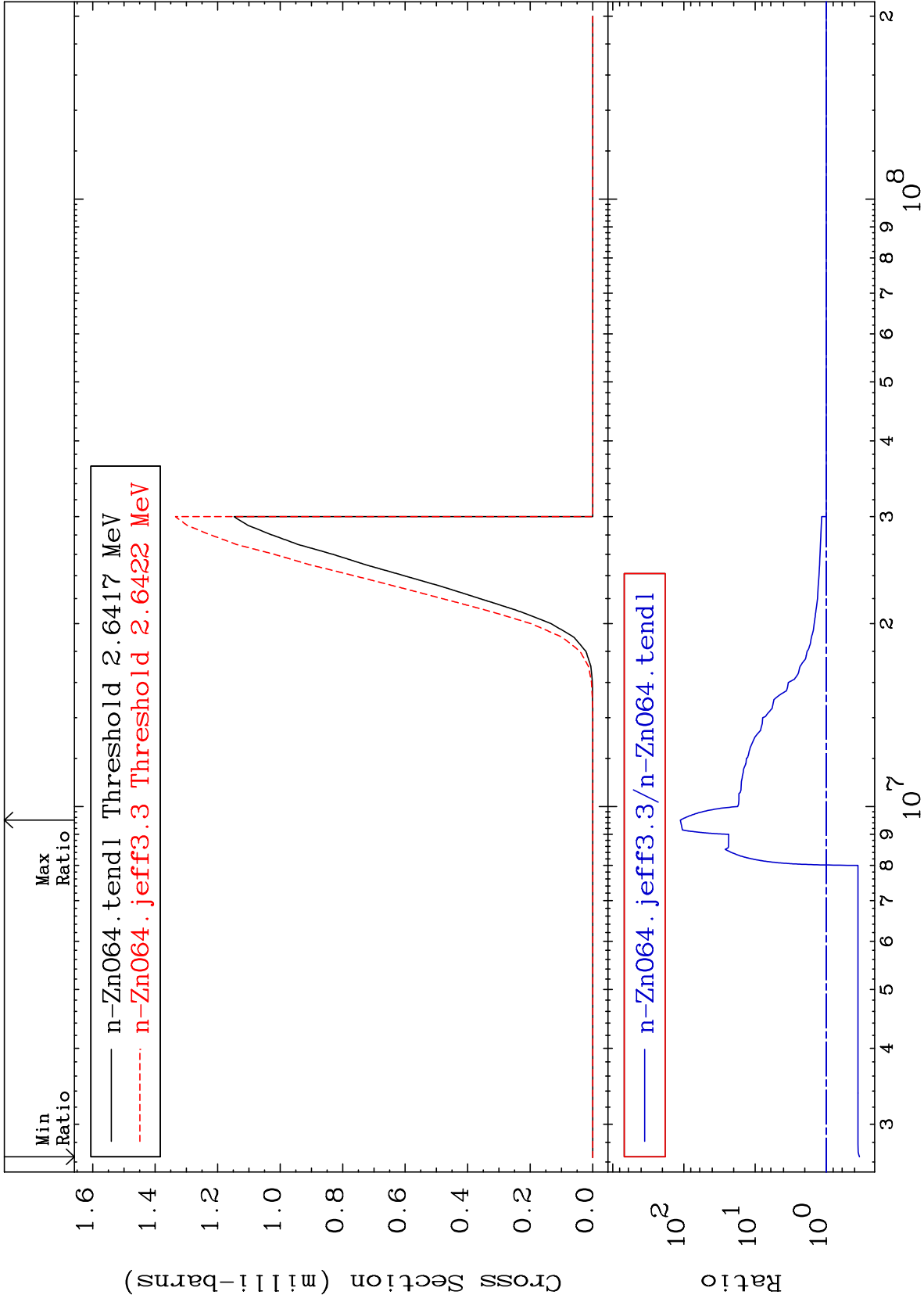
30-Zn-64

Incident Energy (eV)

55

Cross Section

-65.73 To 9999. %



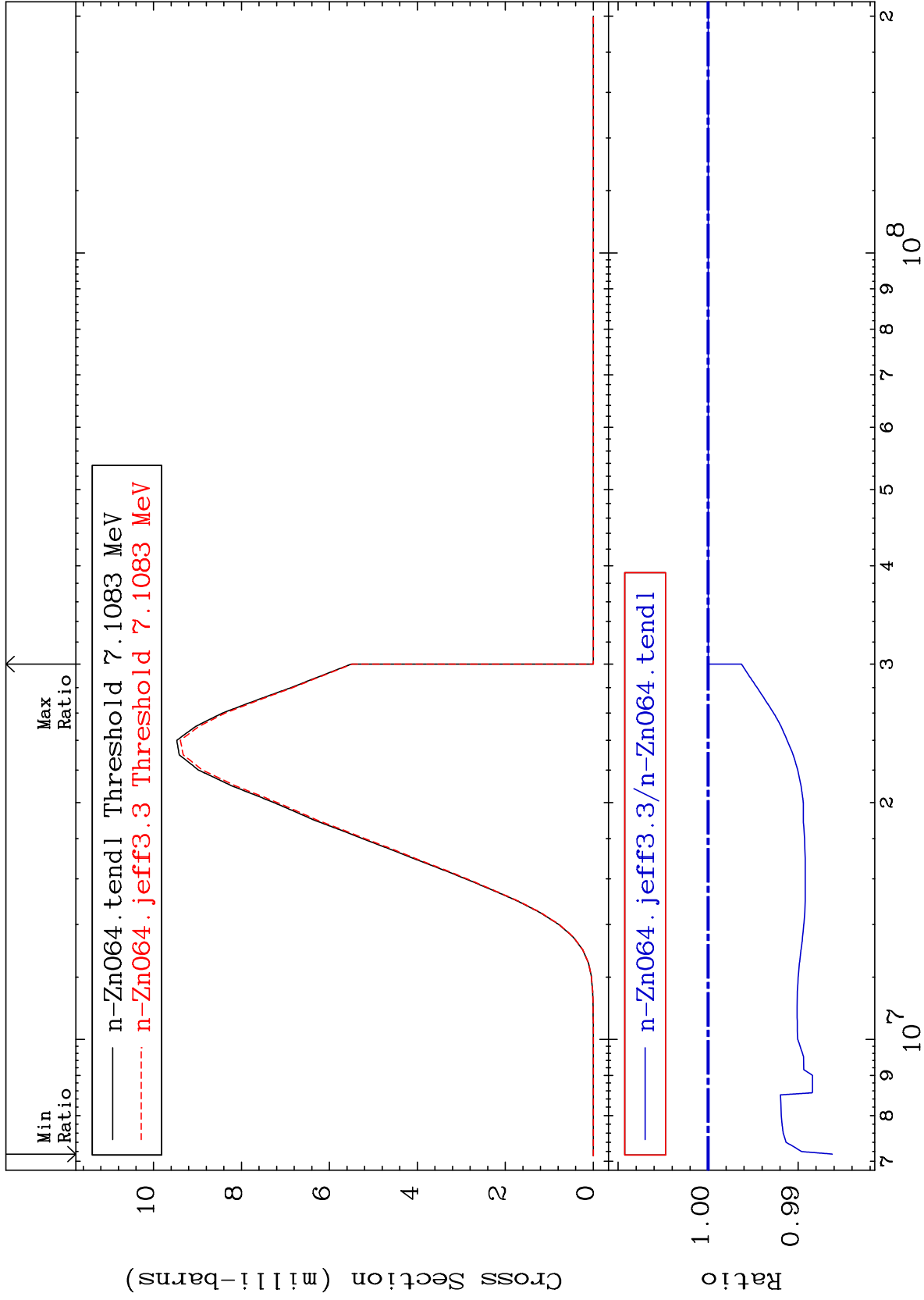
MAT 3025

(n,2p)

30-Zn-64

Cross Section

-1.379 To 0.000 %



57

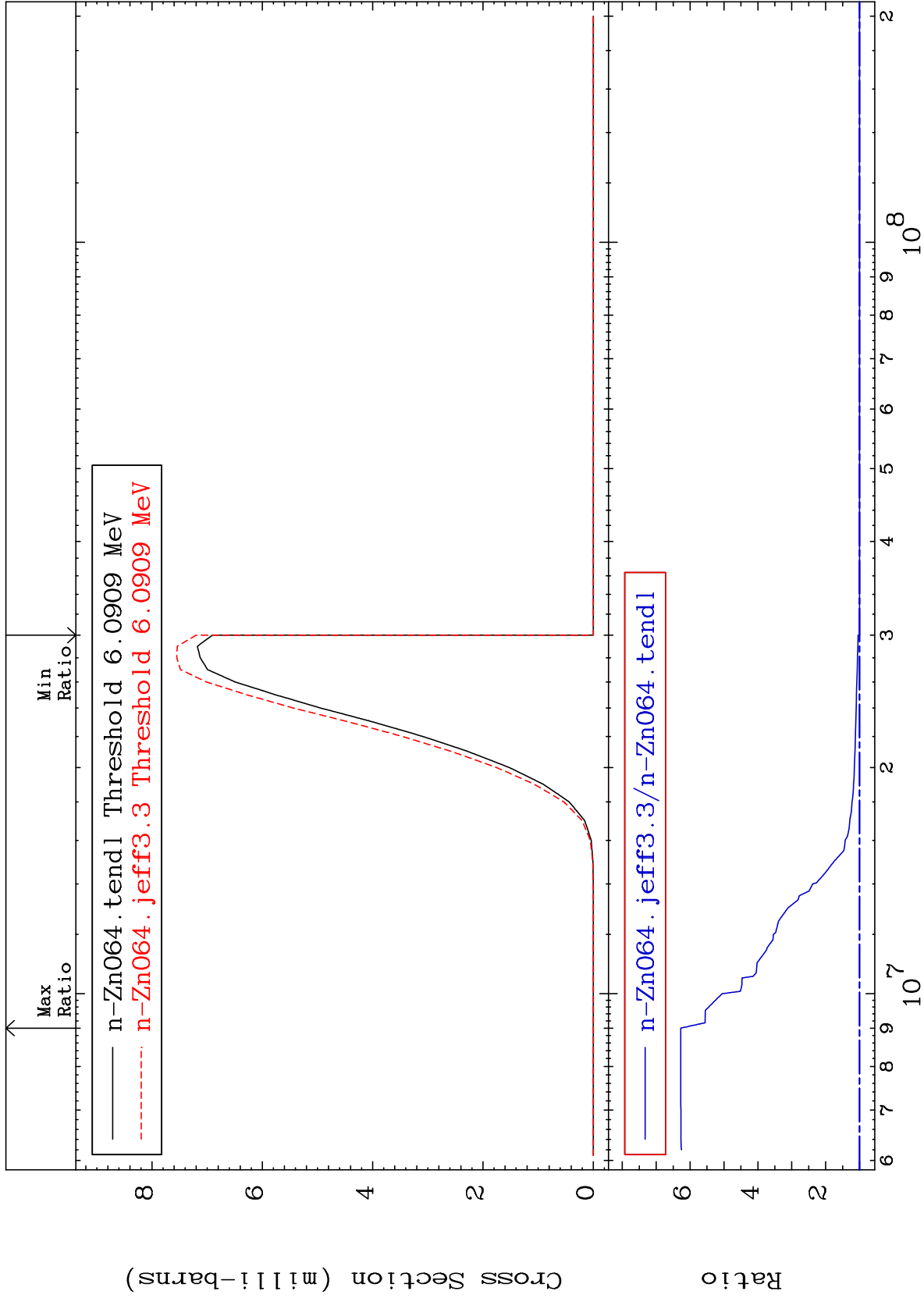
Incident Energy (eV)

30-Zn-64

MAT 3025

(n, p) α Cross Section

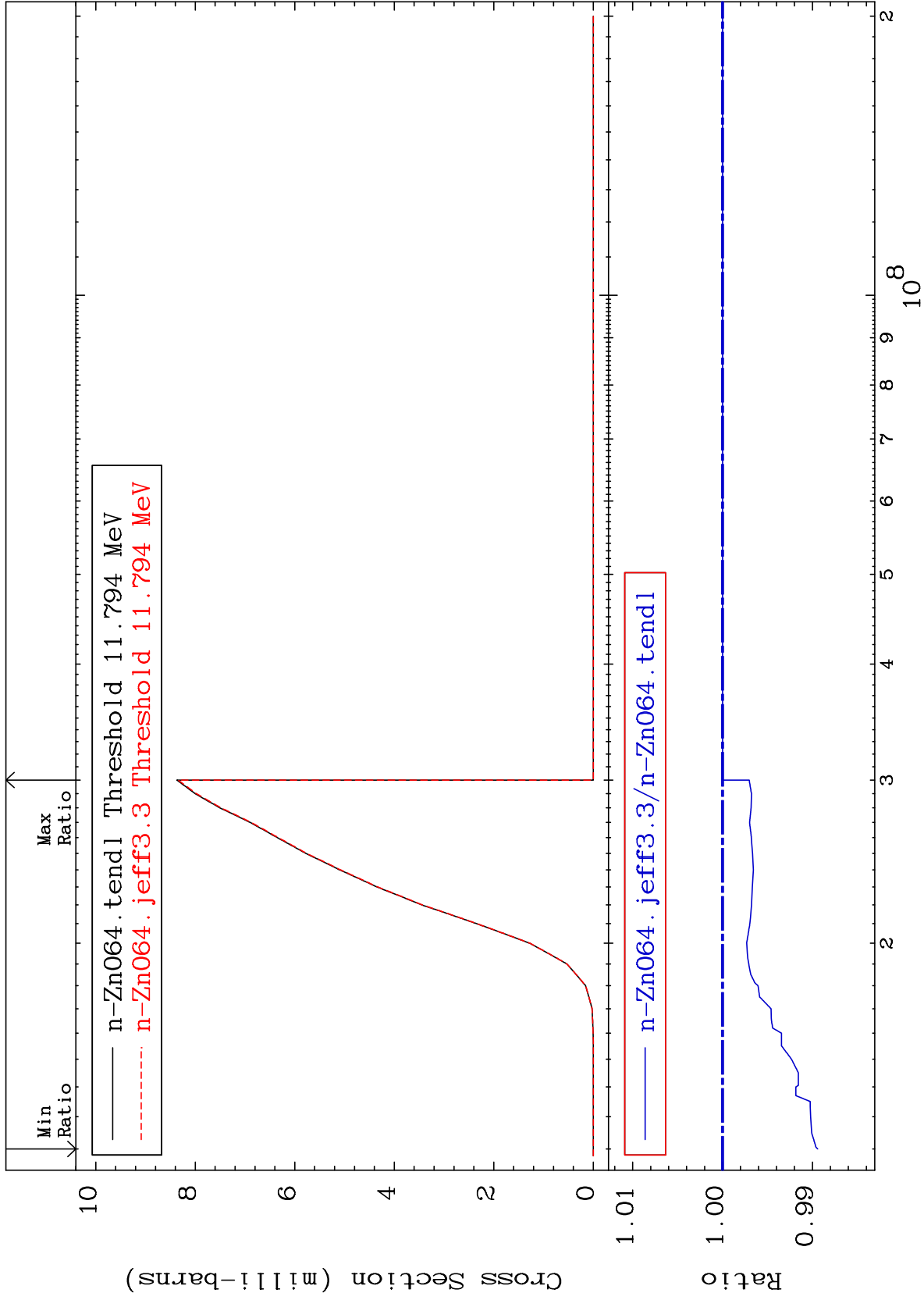
30-Zn-64
To 527.6 %
0.000



58

Incident Energy (eV)

30-Zn-64



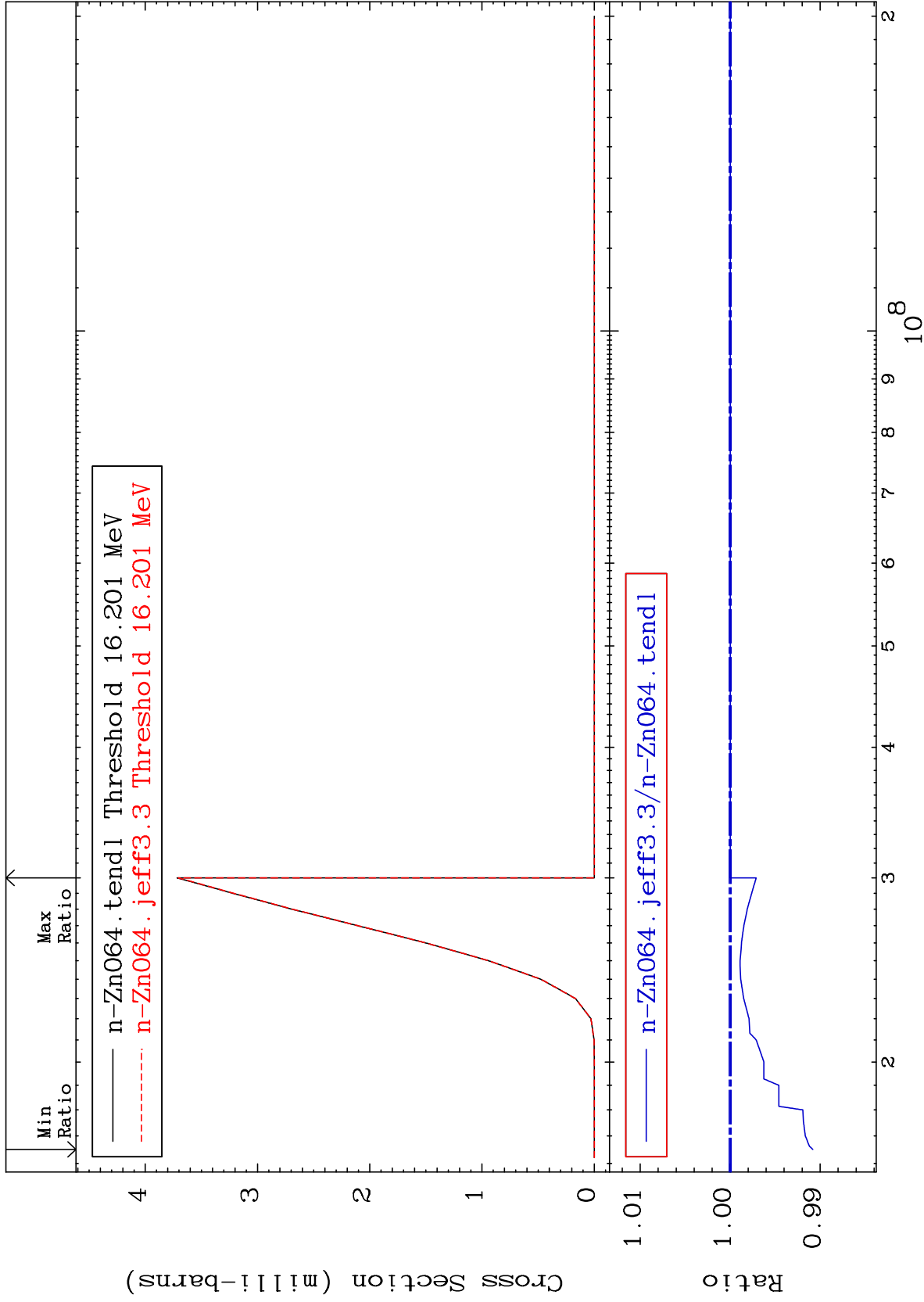
MAT 3025

(n,p) t

30-Zn-64

Cross Section

-0.918 To 0.000 %

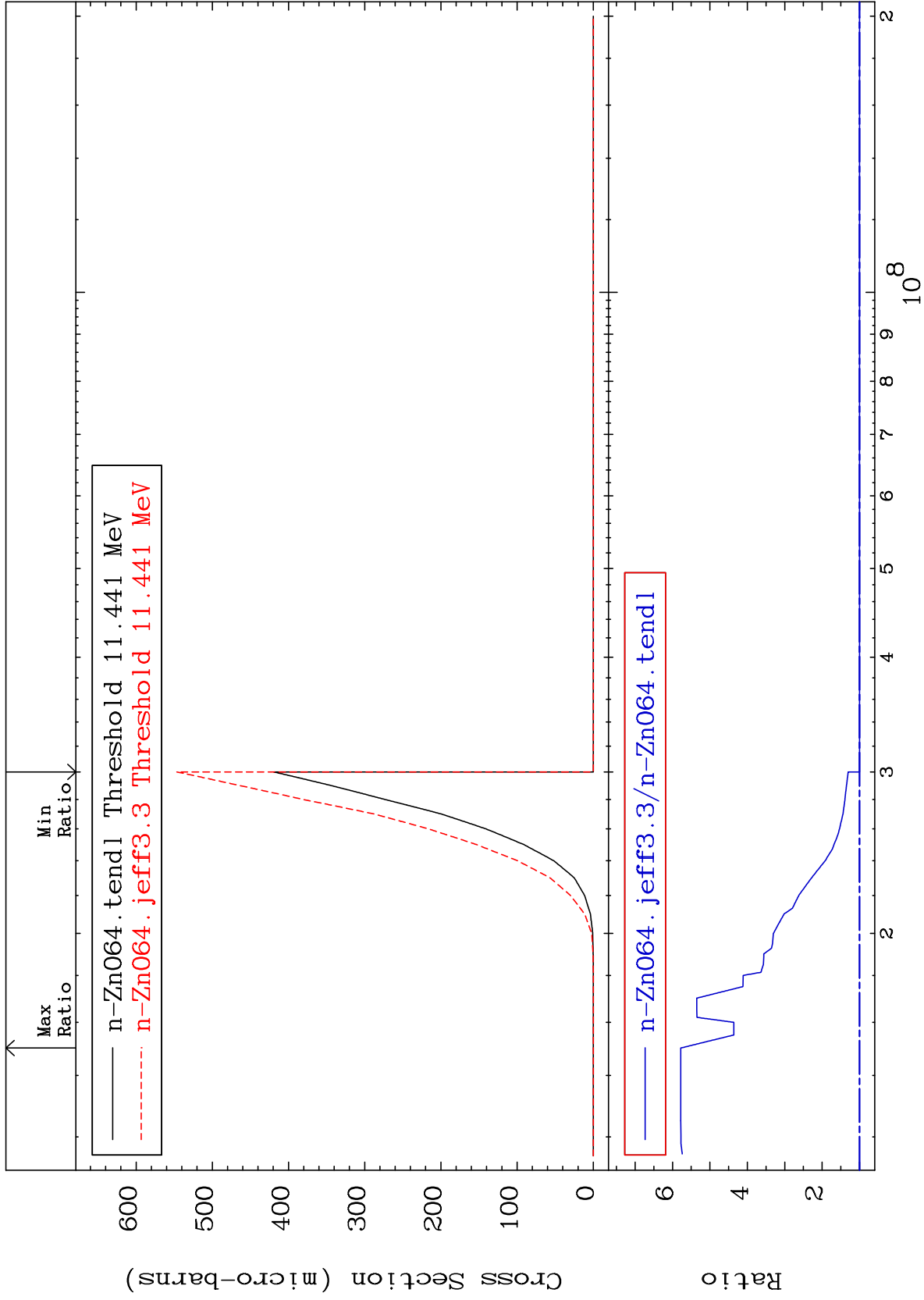


60

Incident Energy (eV)

30-Zn-64

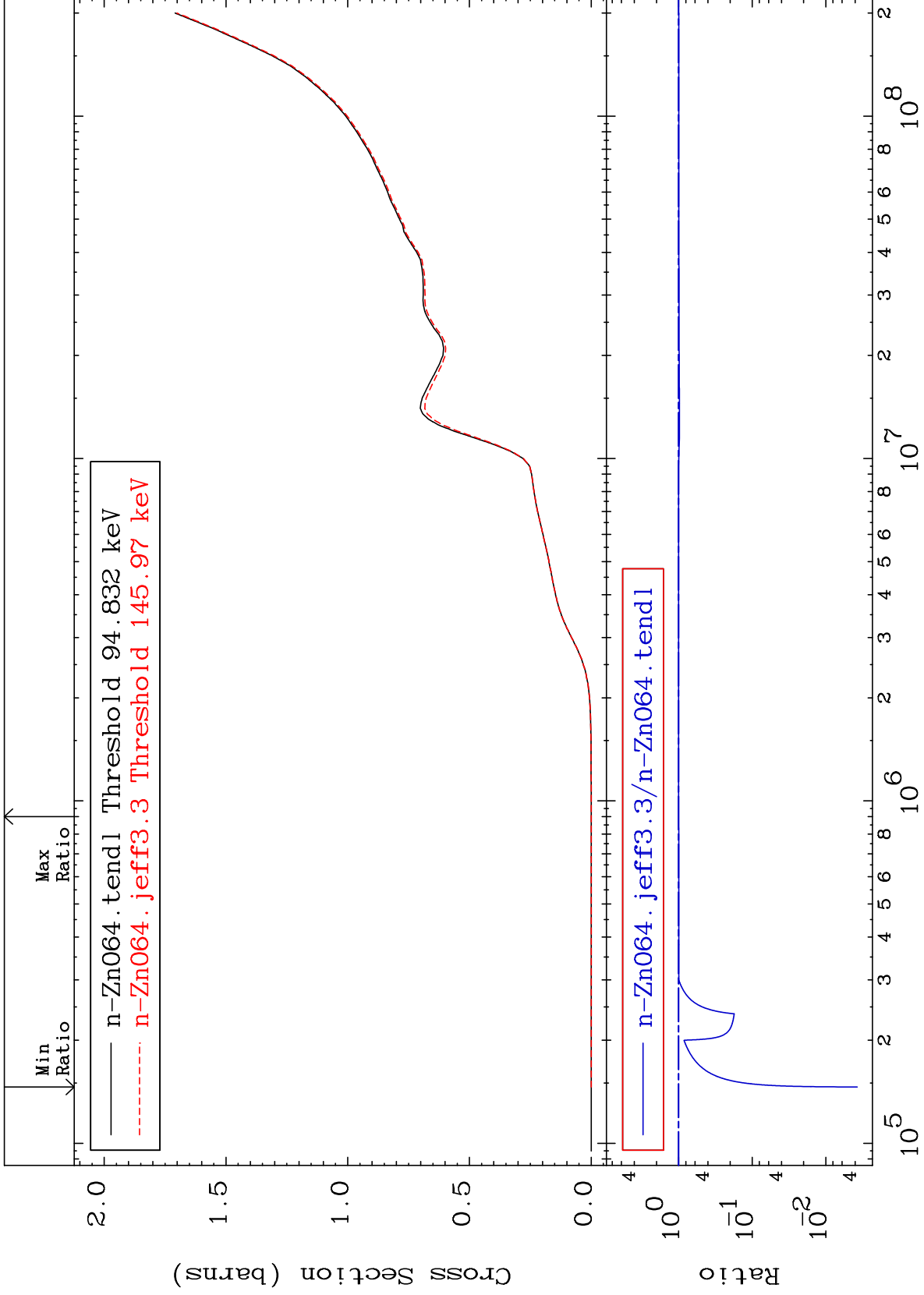
MAT 3025 $(n, d) \alpha$ Cross Section 30-Zn-64 To 477.9 %



MAT 3025

Hydrogen Production
Cross Section

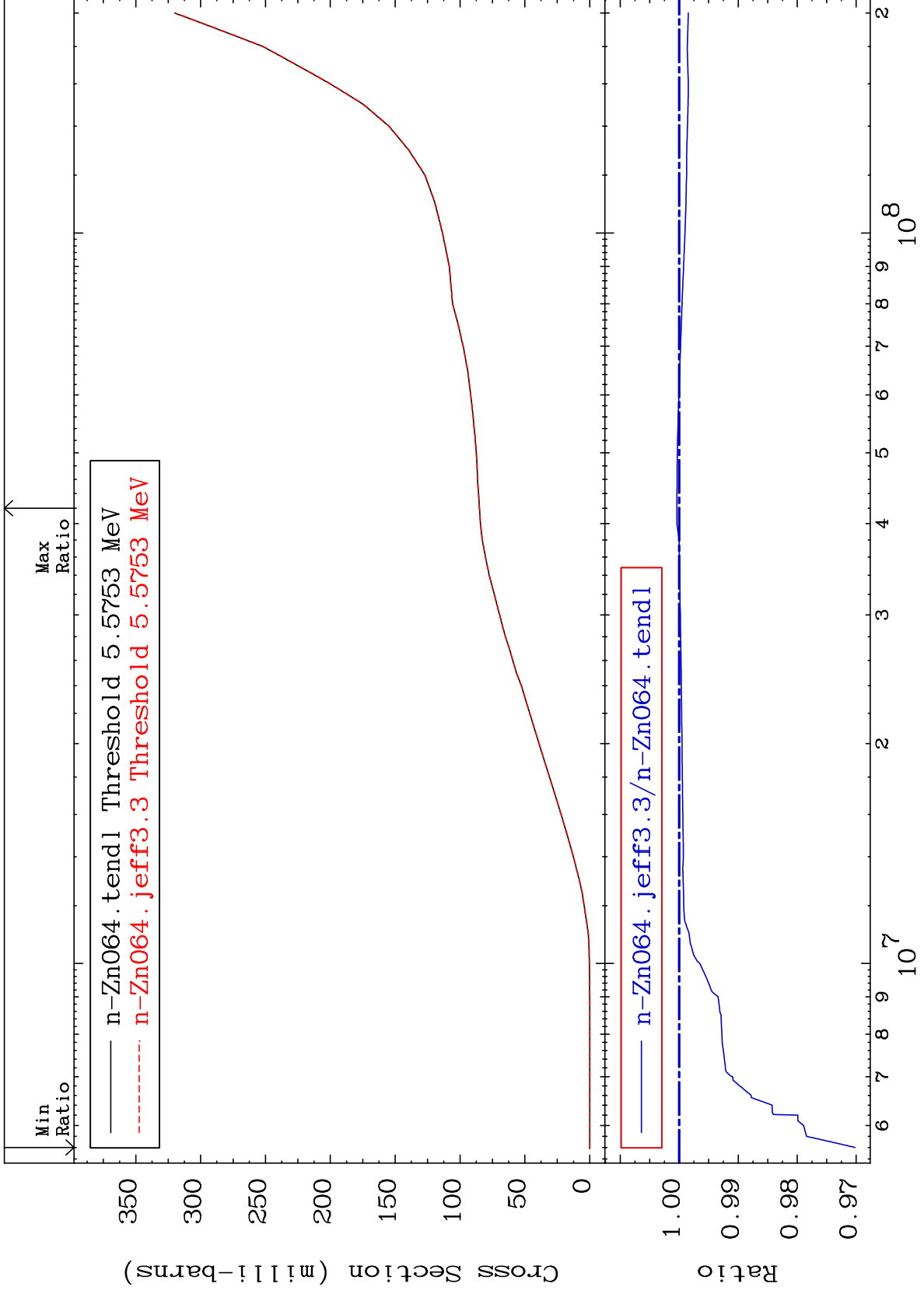
30-Zn-64
-99.63 To 0.000 %



MAT 3025

Deuterium Production
Cross Section

30-Zn-64
-2.982 To 0.038 %



63

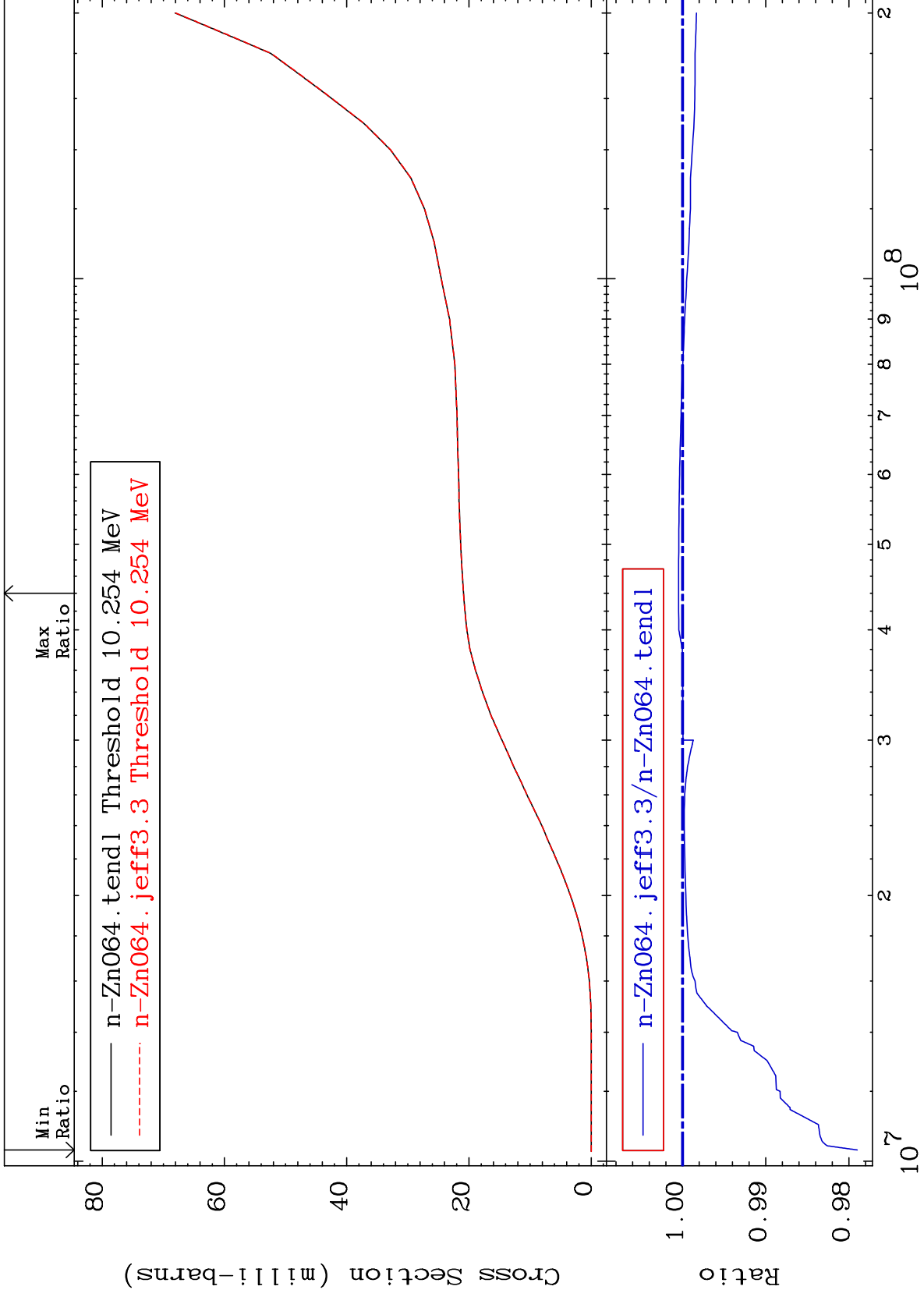
Incident Energy (eV)

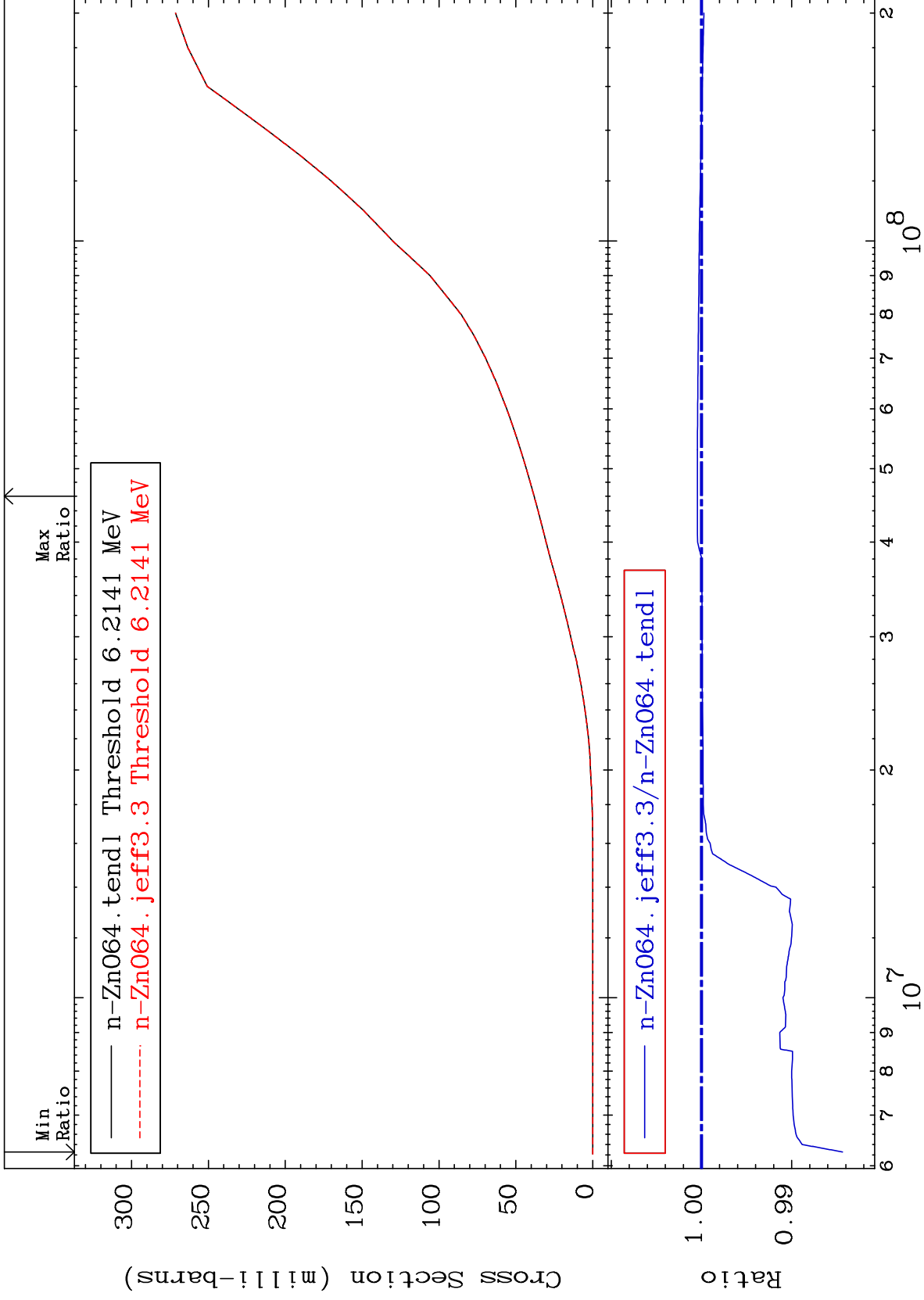
30-Zn-64

MAT 3025

Tritium Production
Cross Section

30-Zn-64
-2.099 To 0.047 %

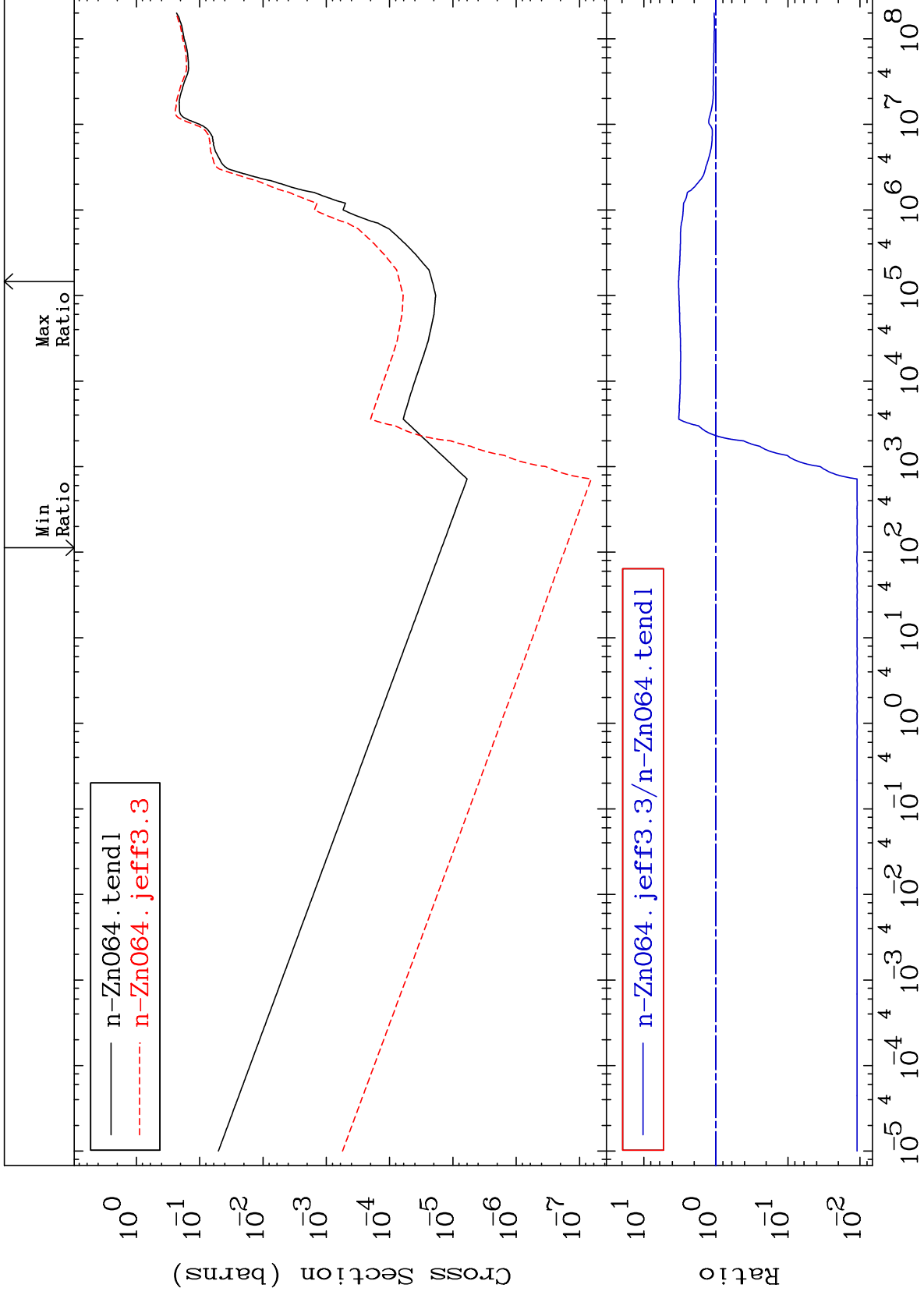




MAT 3025

He-4 Production
Cross Section

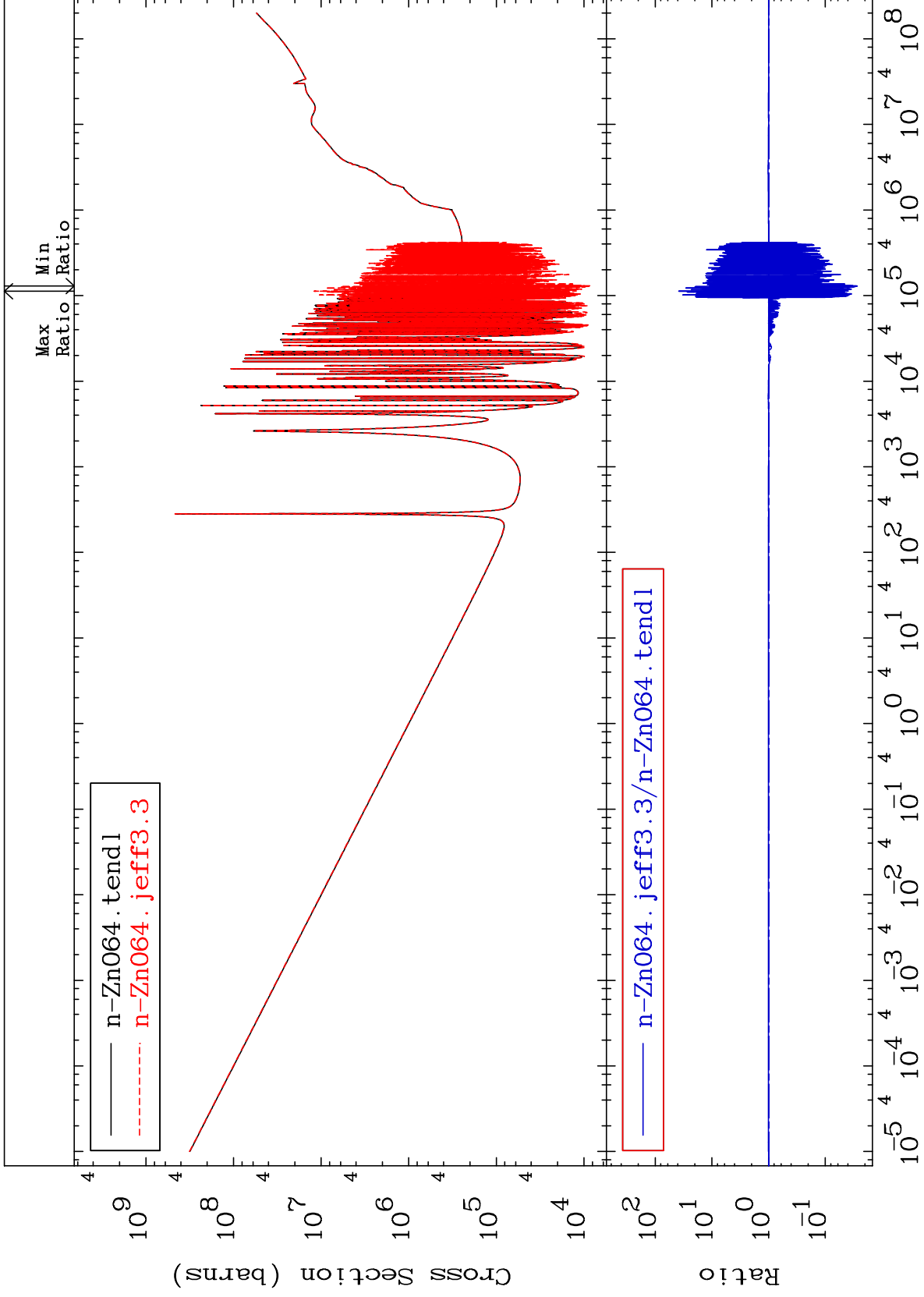
30-Zn-64
-98.91 To 228.3 %

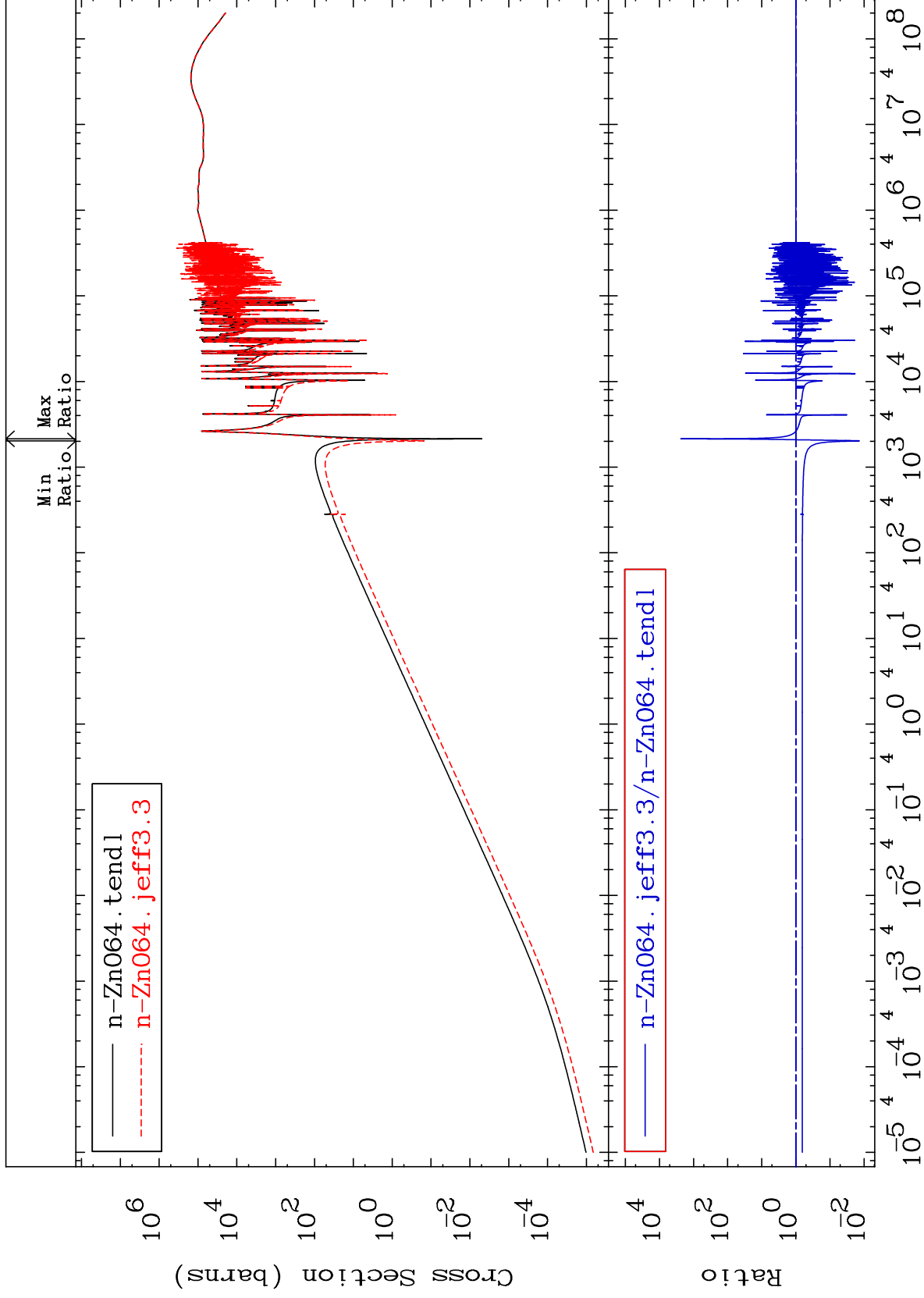


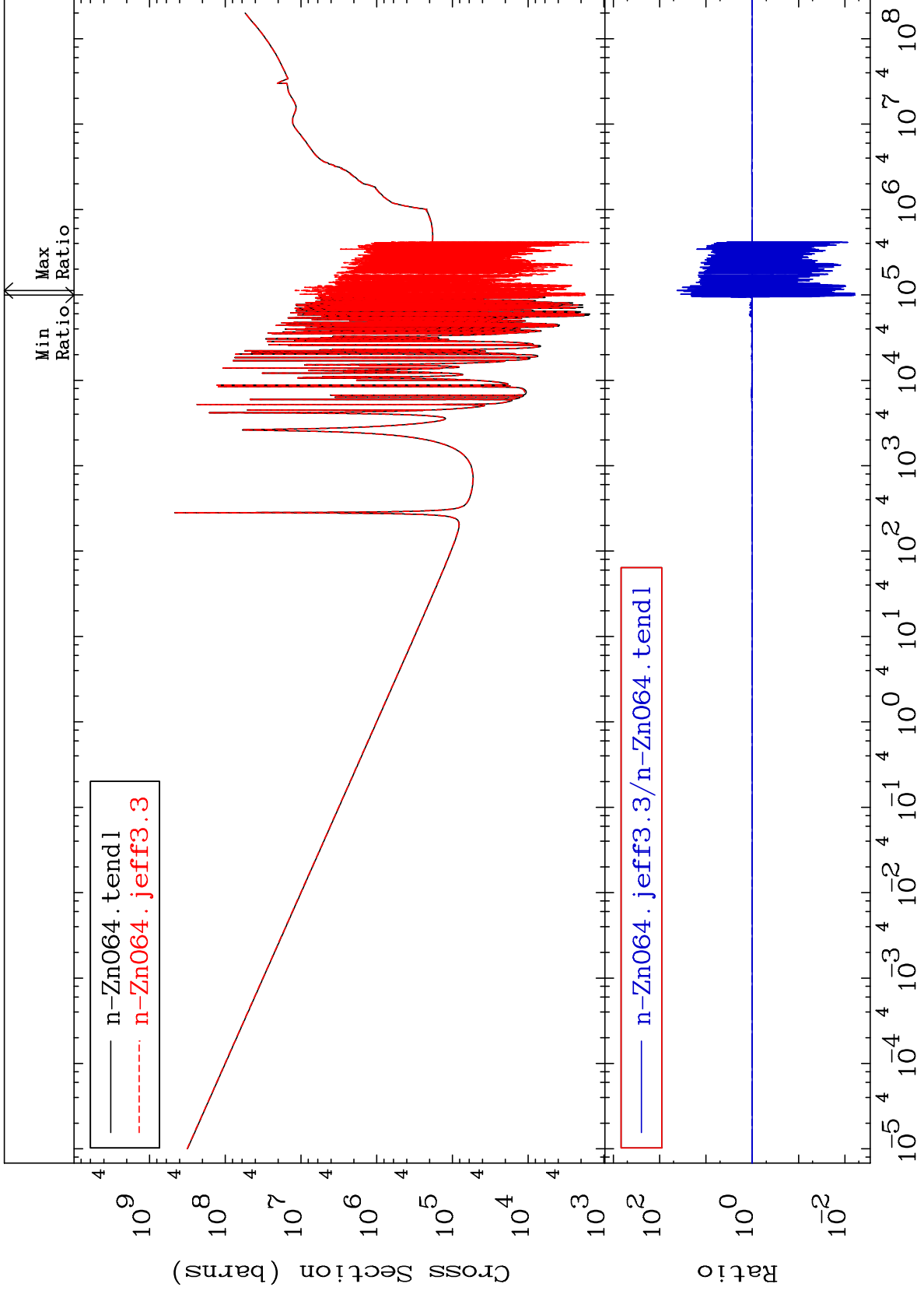
66

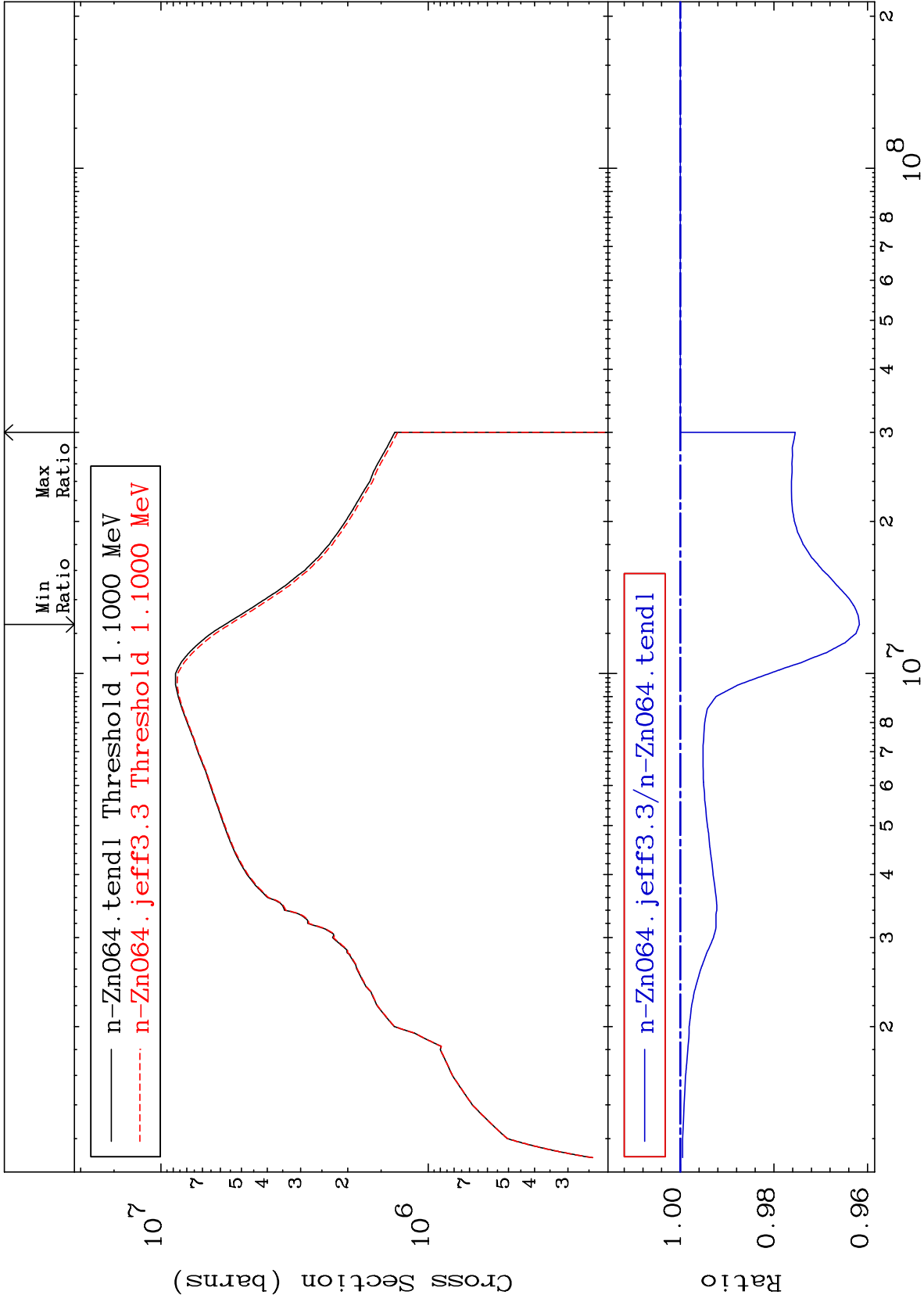
Incident Energy (eV)

30-Zn-64





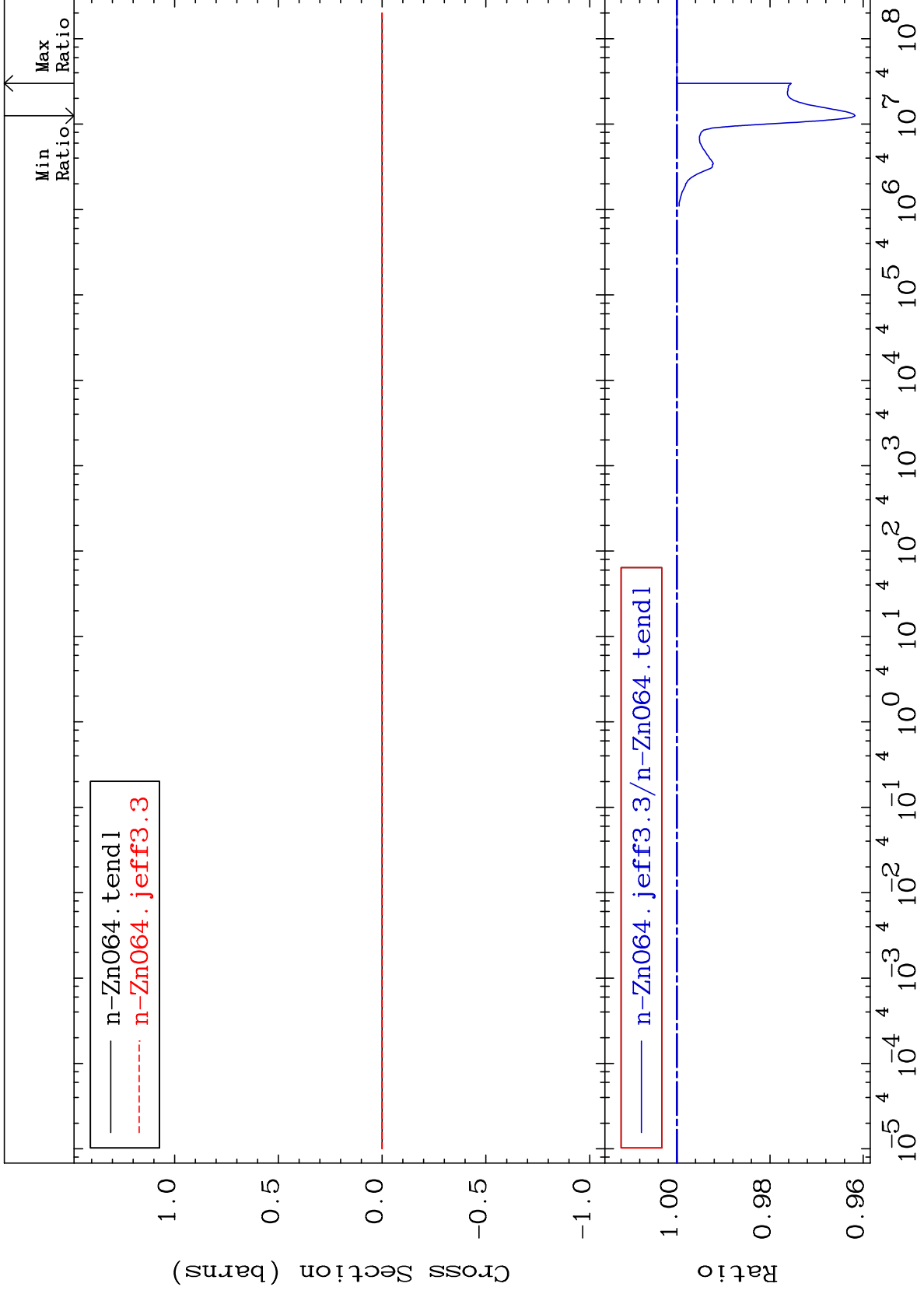




MAT 3025

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

30-Zn-64
-3.827 To 0.000 %



71

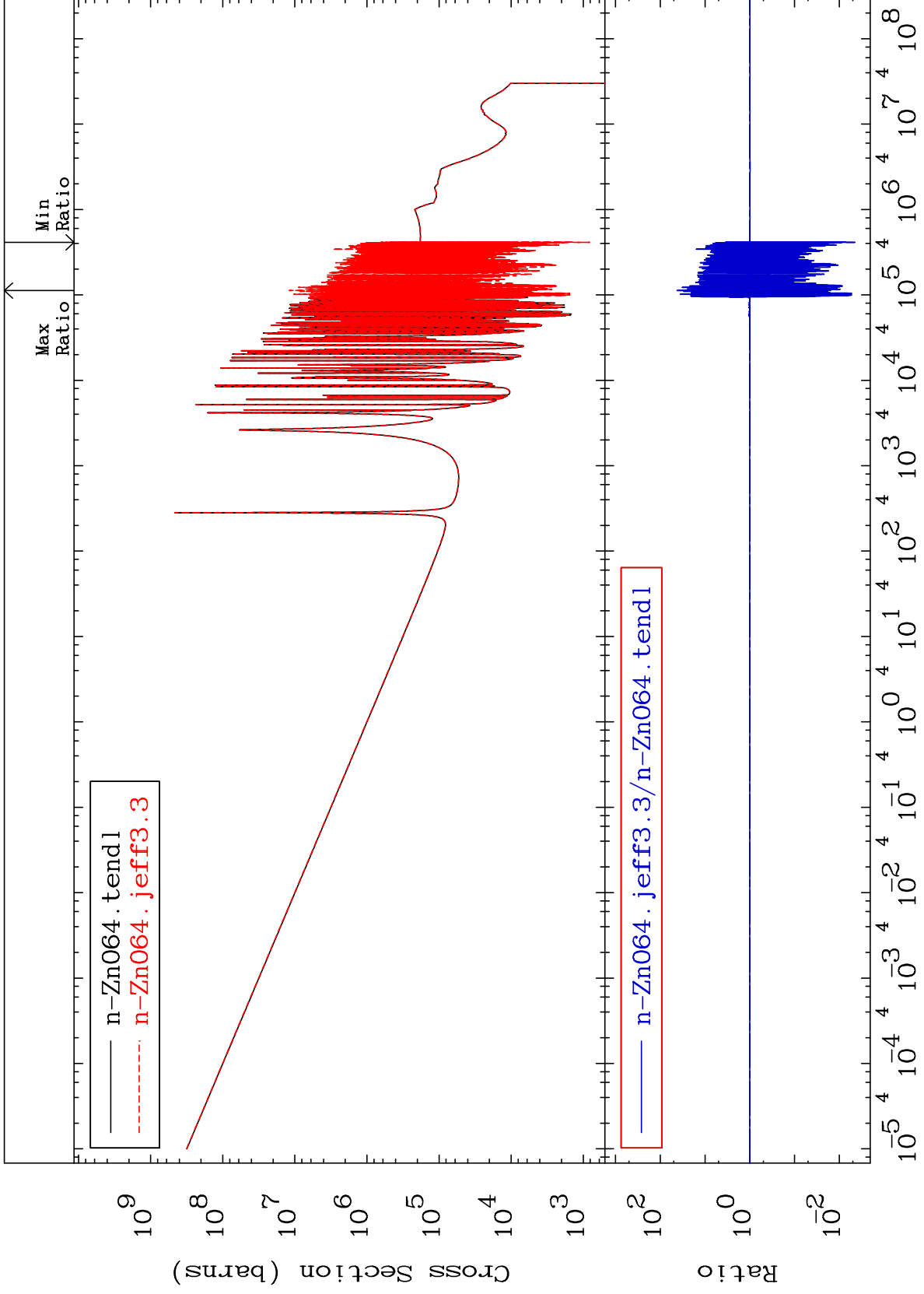
Incident Energy (eV)

30-Zn-64

MAT 3025

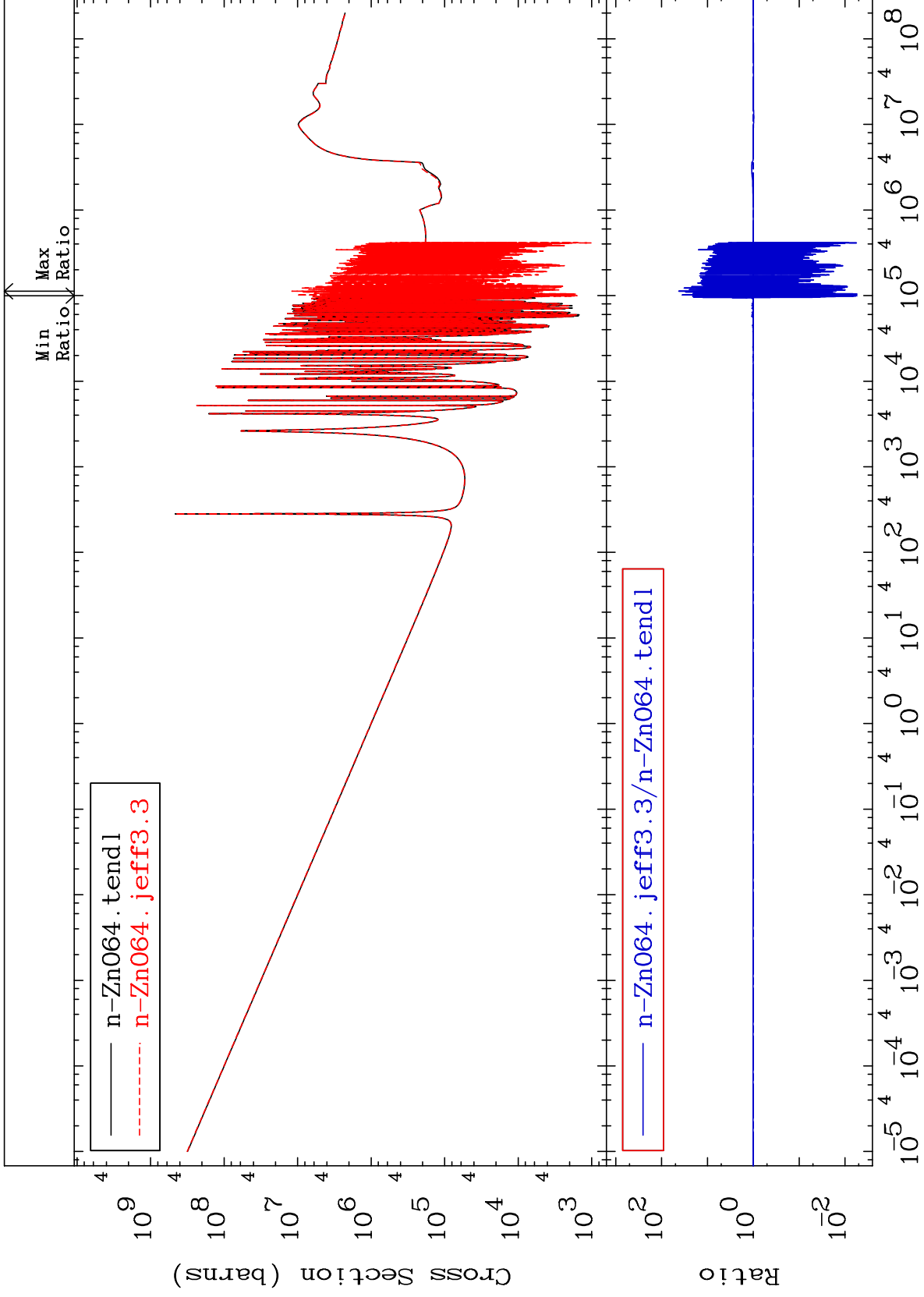
Kerma capture (mt102)
Cross Section

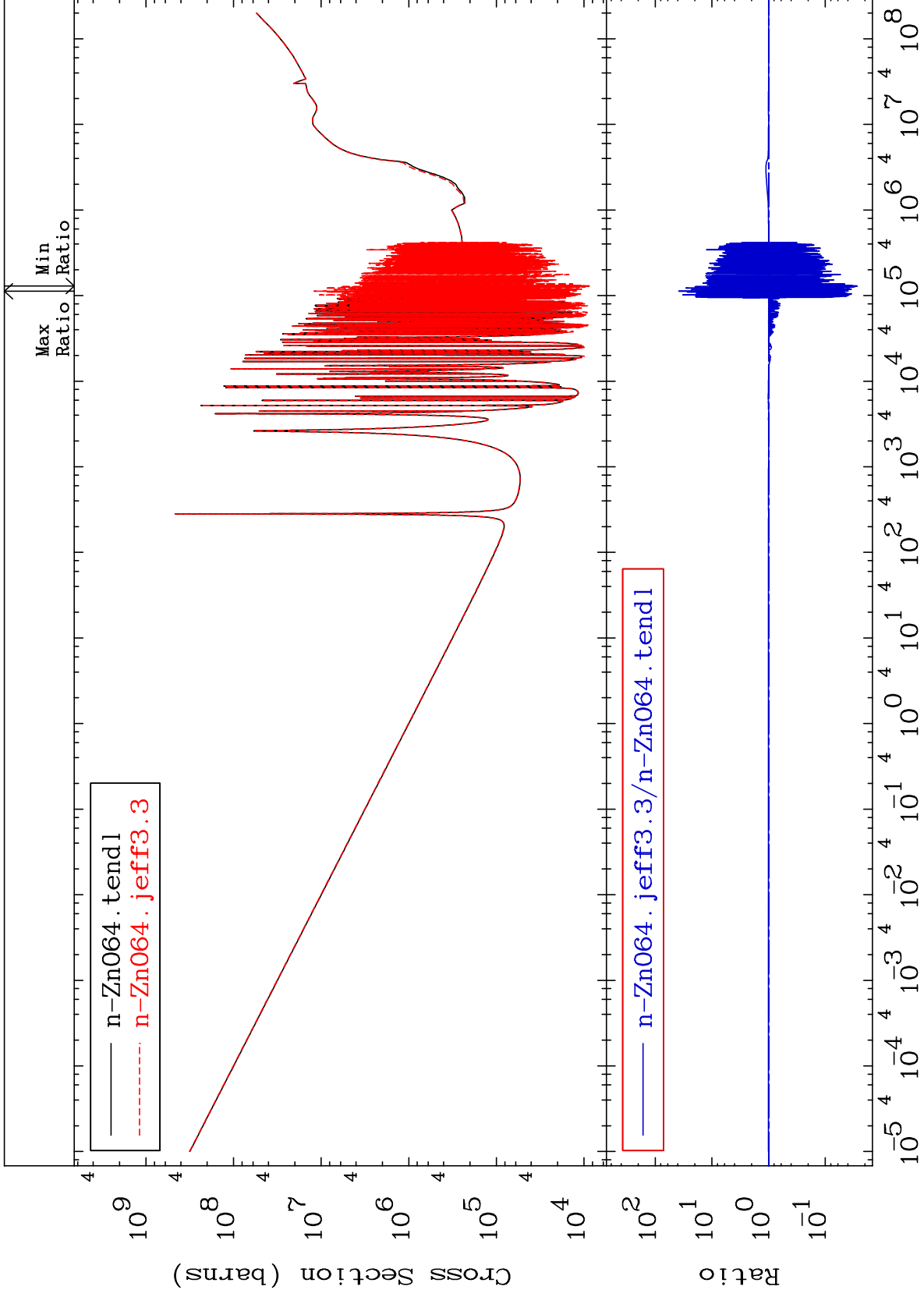
30-Zn-64
-99.55 To 4148. %

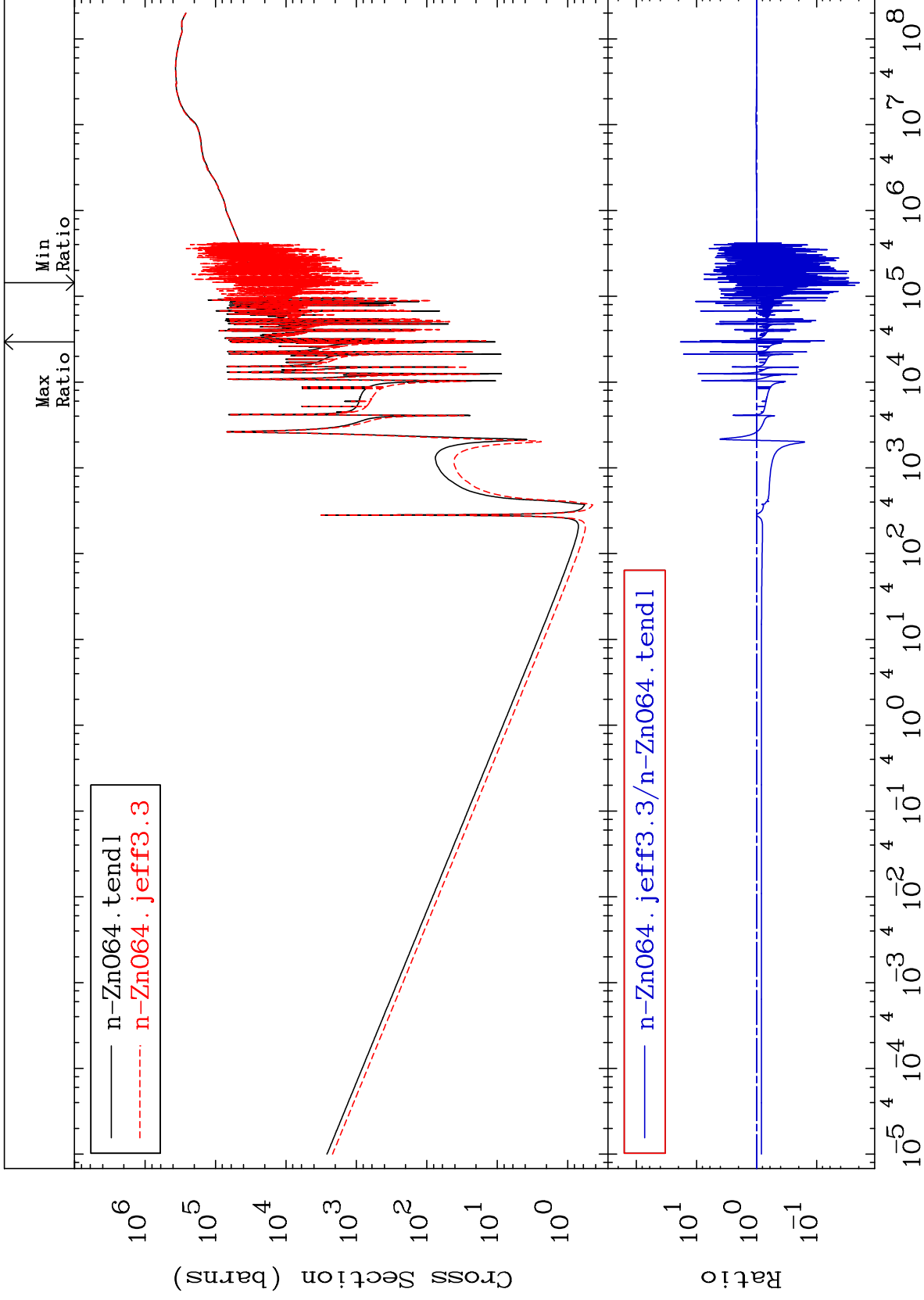


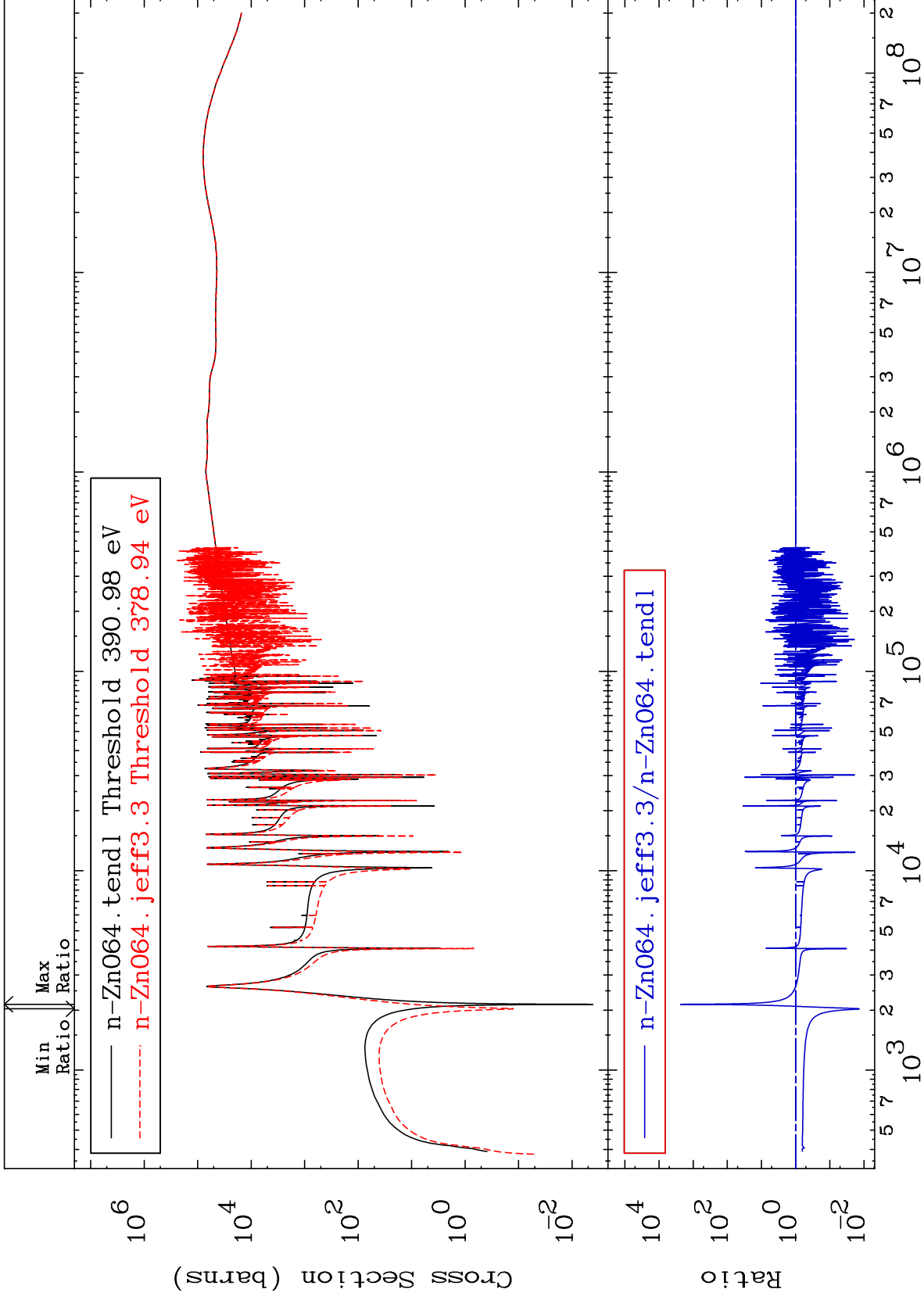
72

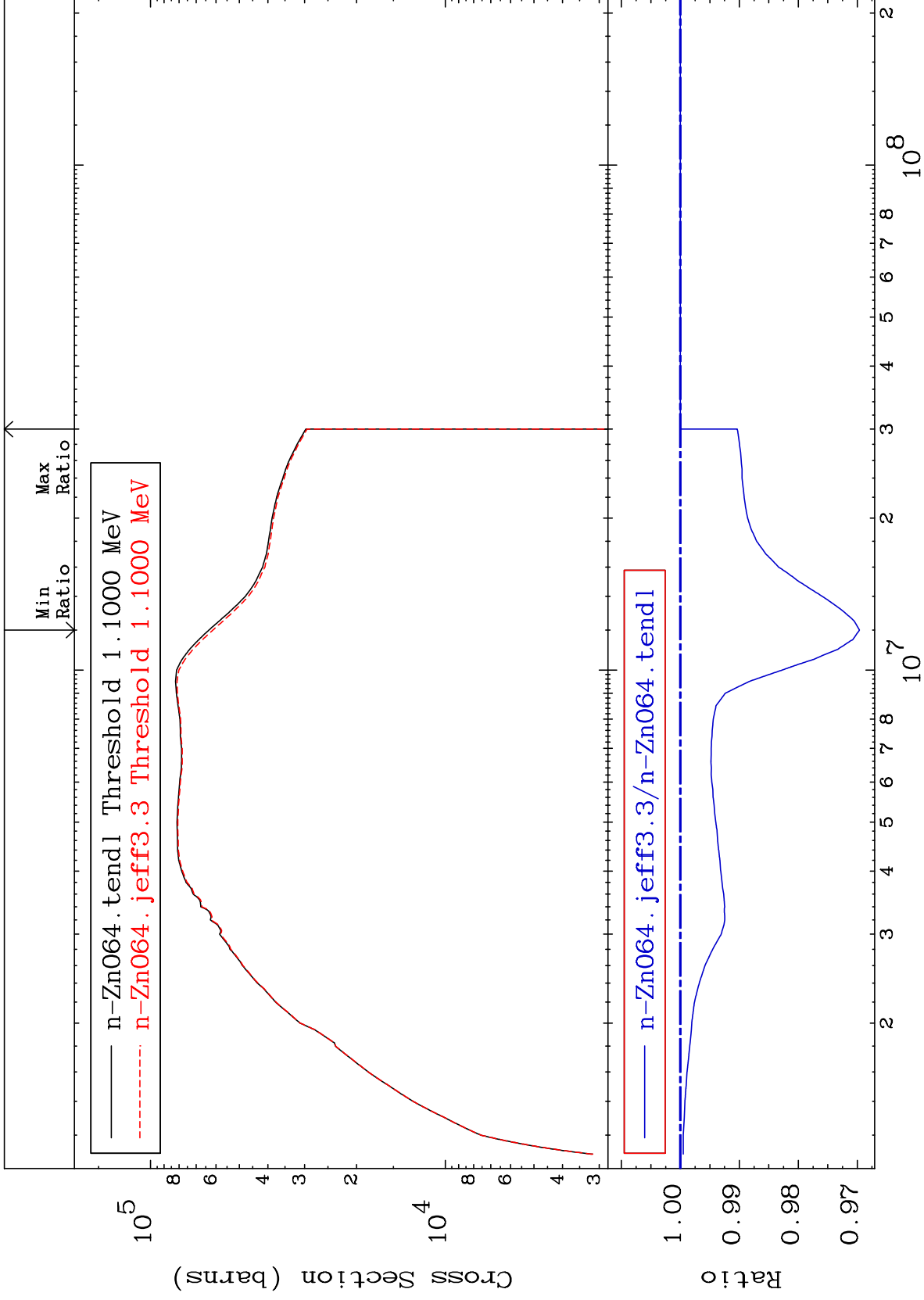
30-Zn-64

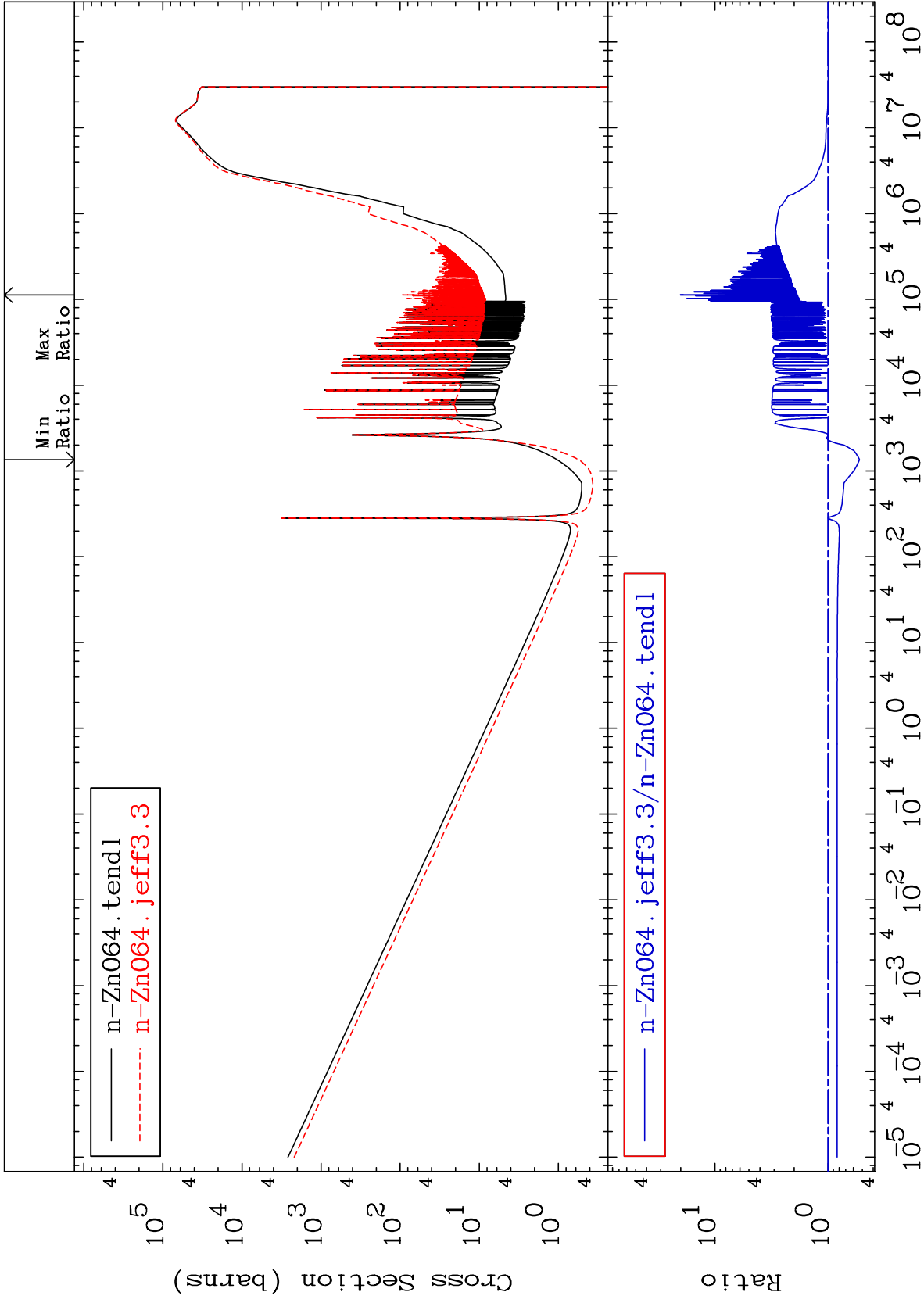










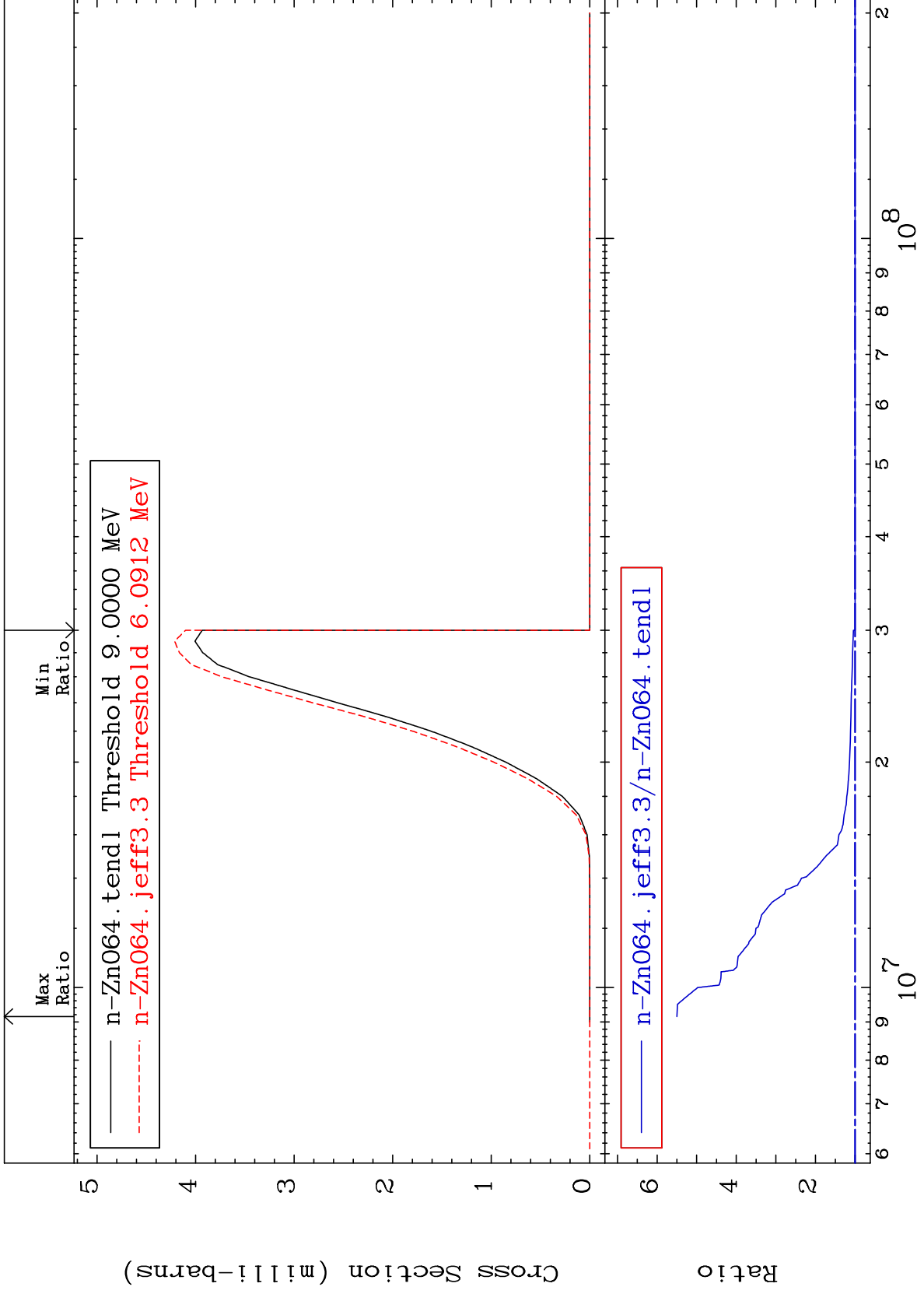


MAT 3025

(n, p) α :27-Co-60g

30-Zn-64

Radionuclide Production Cross Section 0.000 To 449.9 %



MAT 3025

(n, p) α :27-Co-60m1

30-Zn-64

Radionuclide Production Cross Section 0.000 To 558.2 %

