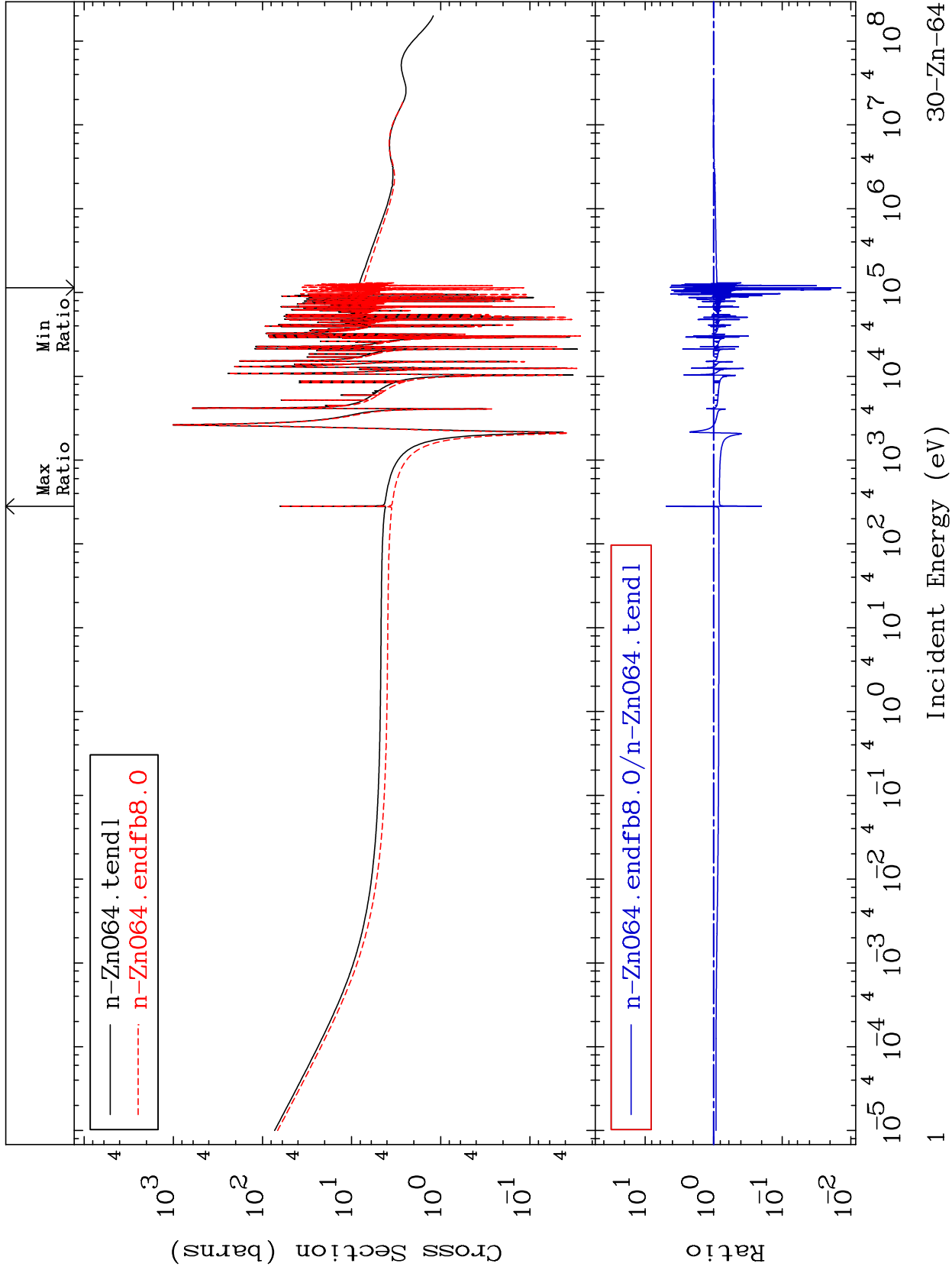


MAT 3025

Total Cross Section
30-Zn-64
-98.60 To 396.3 %



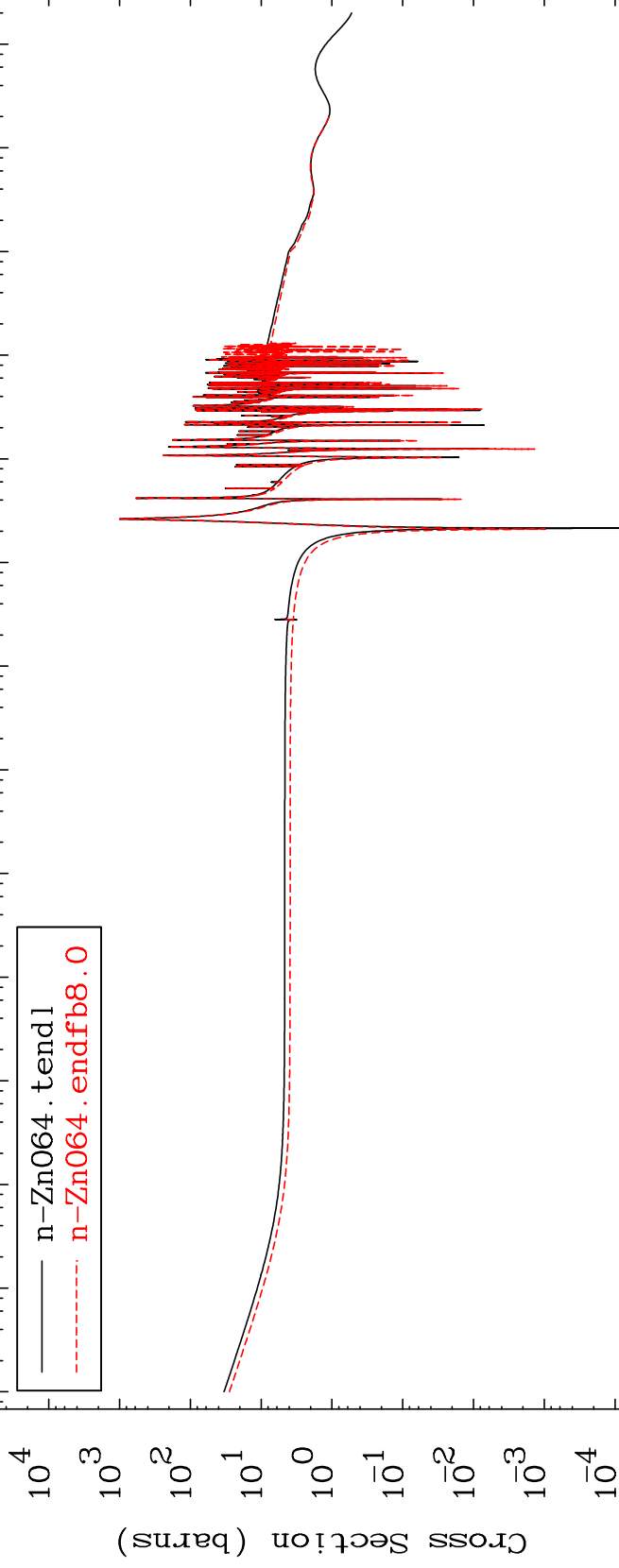
30-Zn-64

Incident Energy (eV)

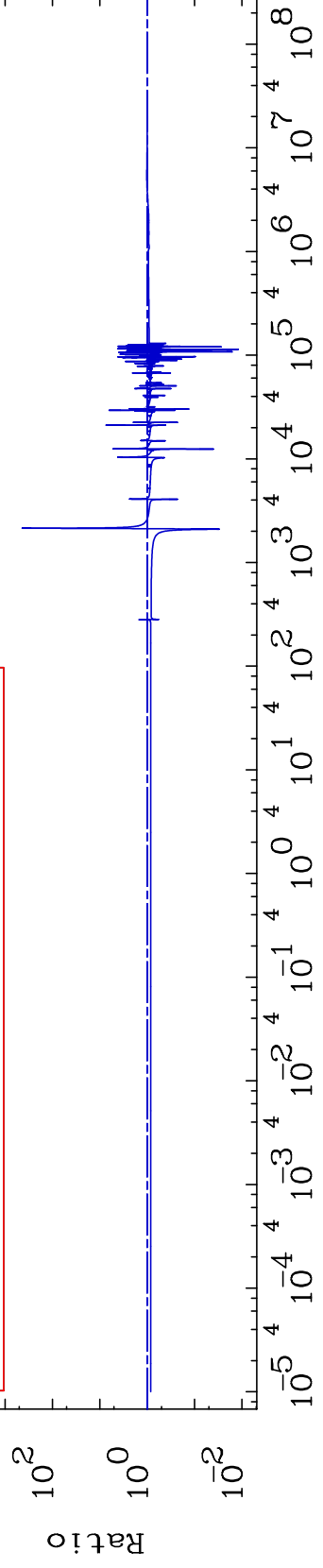
MAT 3025

Elastic
Cross Section

30-Zn-64
-98.81 To 9999. %



n-Zn064.endfb8.0/n-Zn064.tendl



30-Zn-64

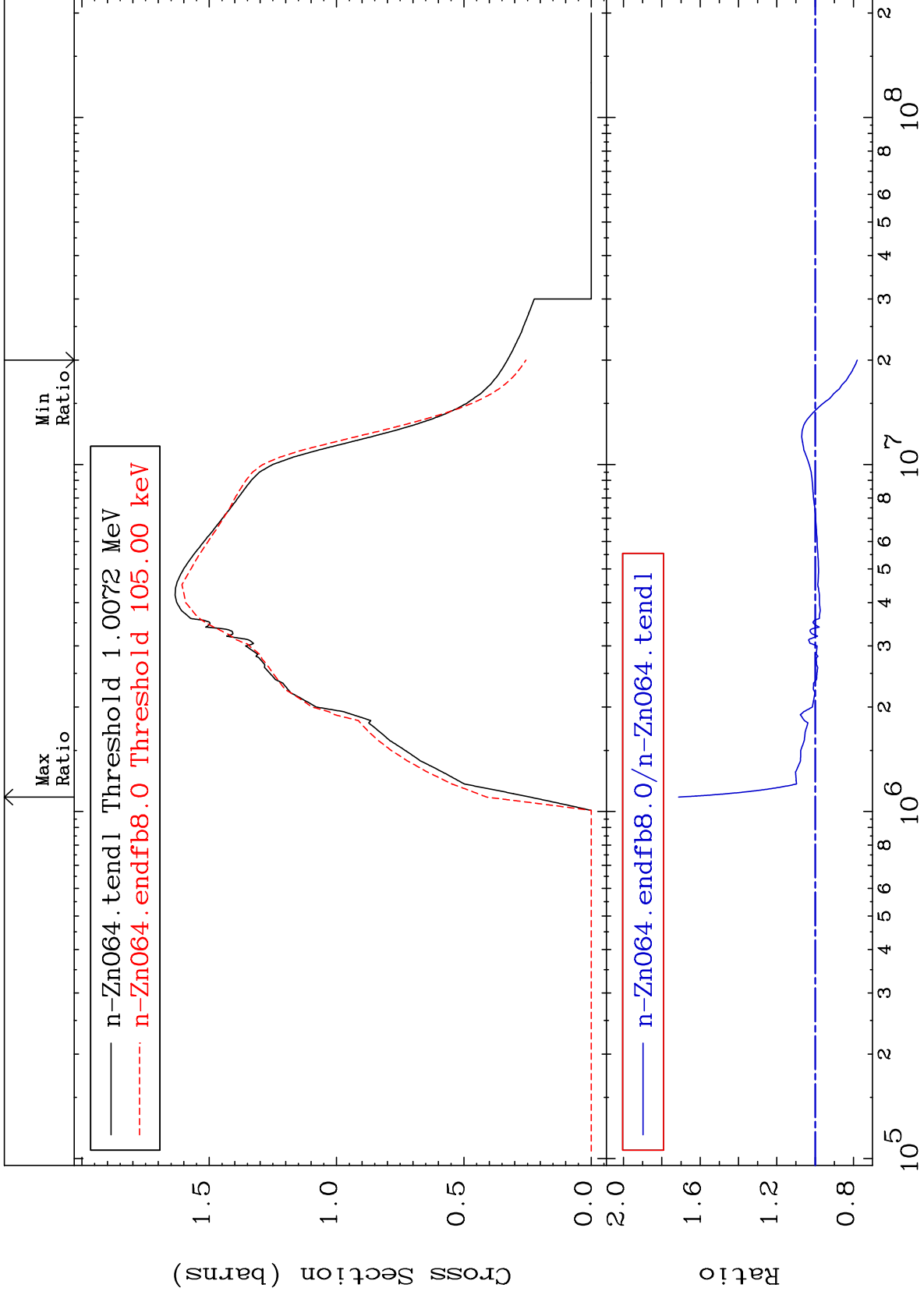
Incident Energy (eV)

2

MAT 3025

Inelastic
Cross Section

30-Zn-64
-21.96 To 71.23 %



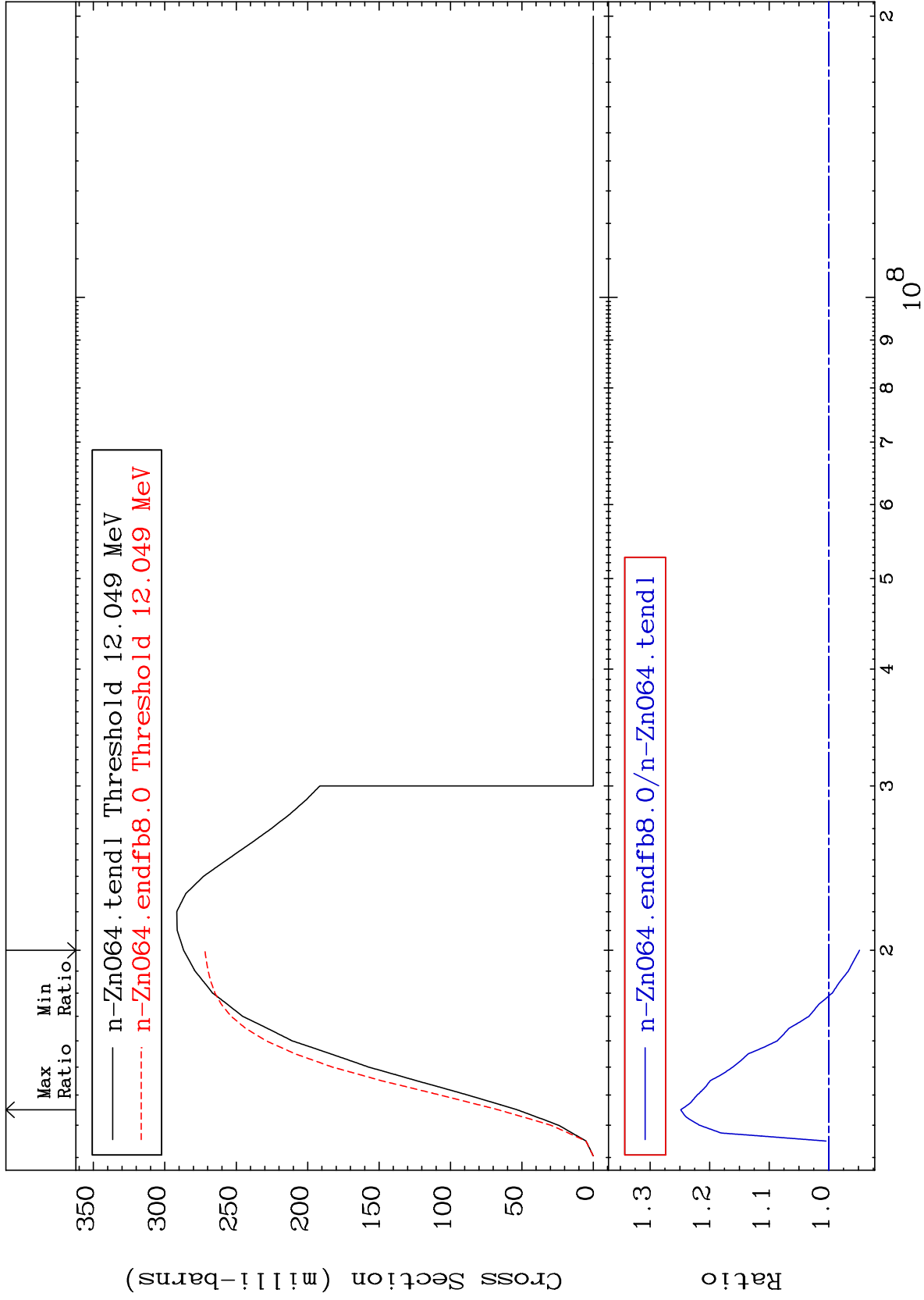
30-Zn-64

30-Zn-64

MAT 3025

(n,2n)
Cross Section

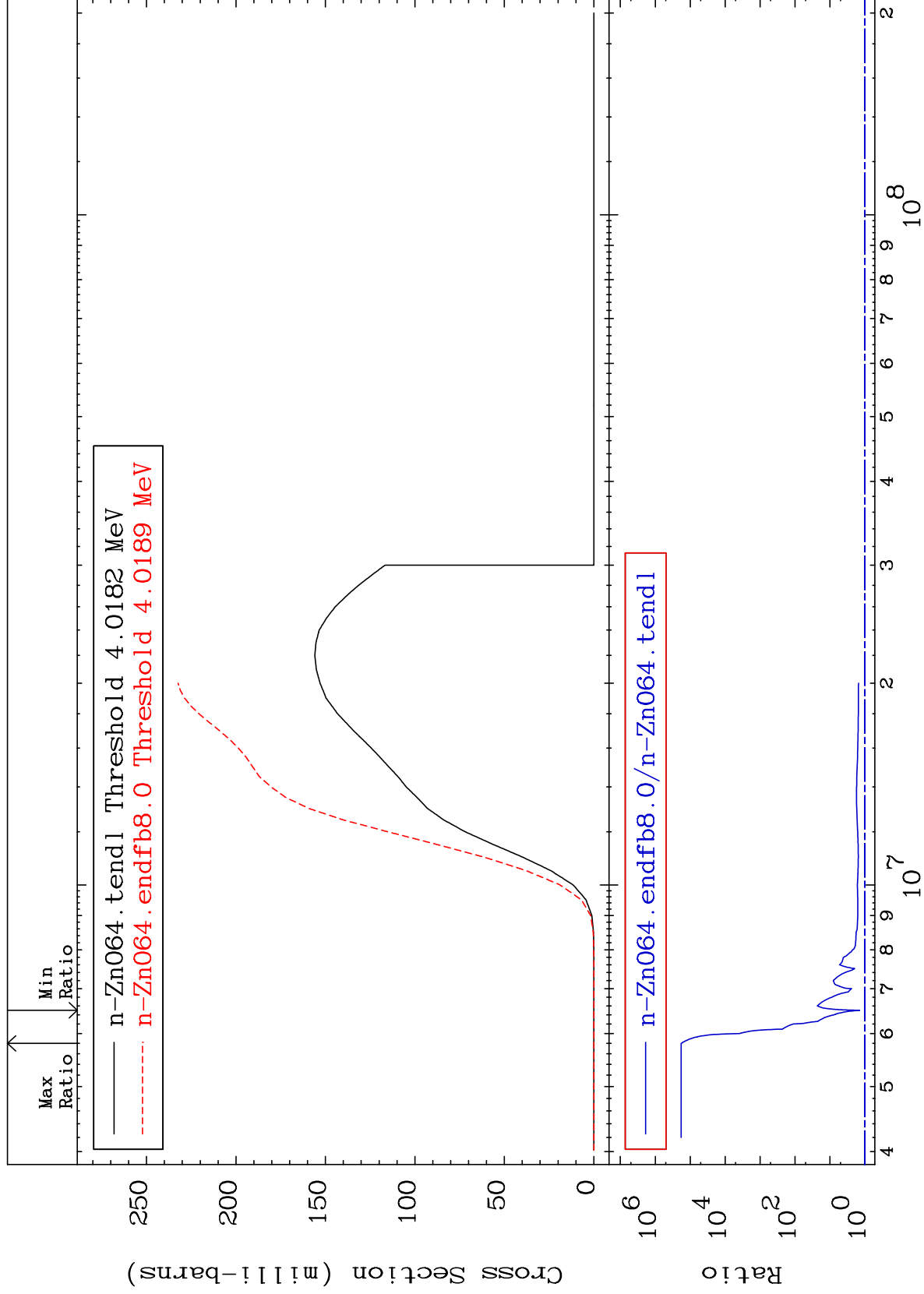
30-Zn-64
-5.176 To 24.84 %



MAT 3025

(n, n') α
Cross Section

30-Zn-64
40.98 To 9999. %



5

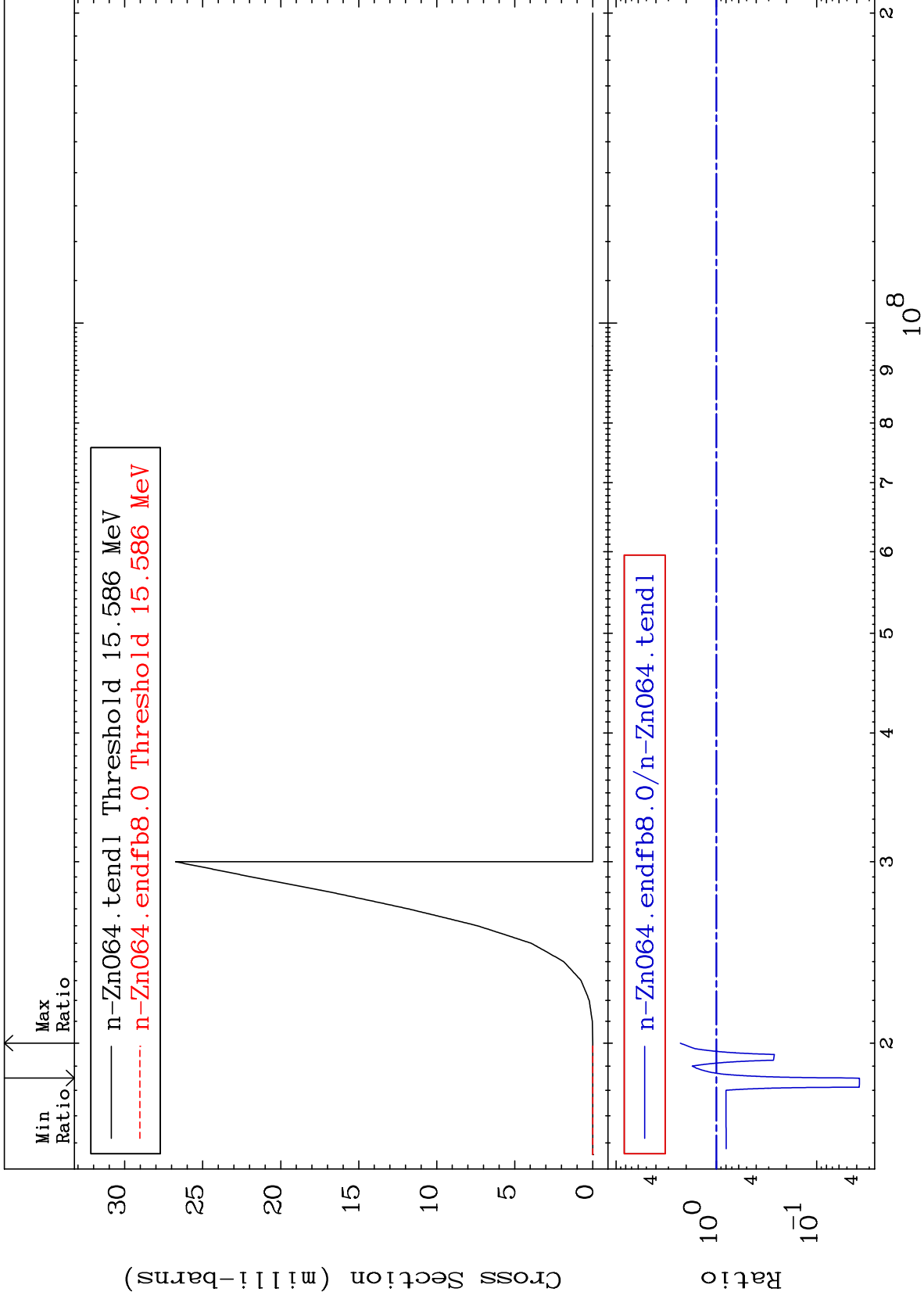
Incident Energy (eV)

30-Zn-64

MAT 3025

(n,2n) α
Cross Section

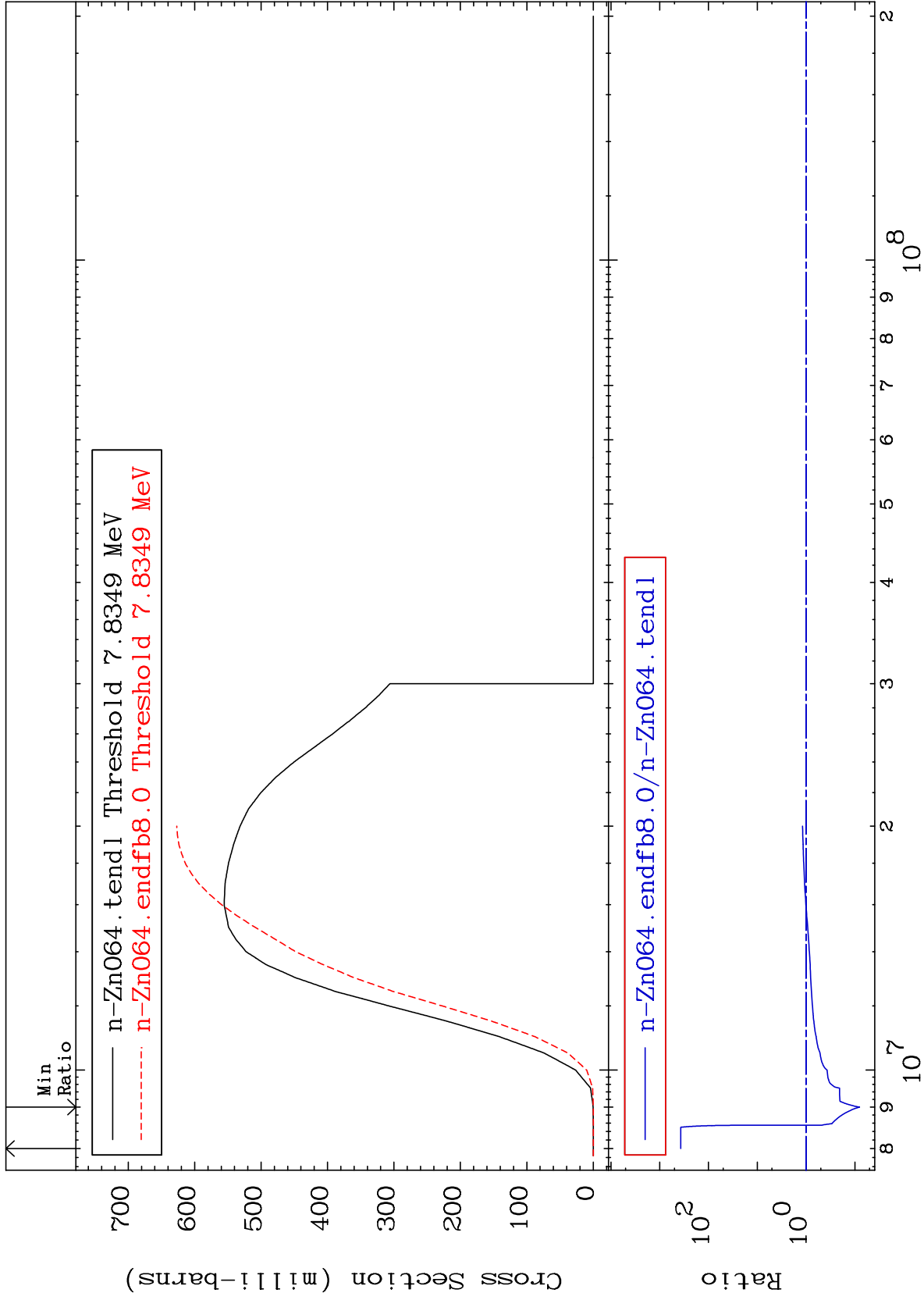
30-Zn-64
-96.25 To 128.4 %



MAT 3025

(n,n') p
Cross Section

30-Zn-64
-91.98 To 9999. %



7

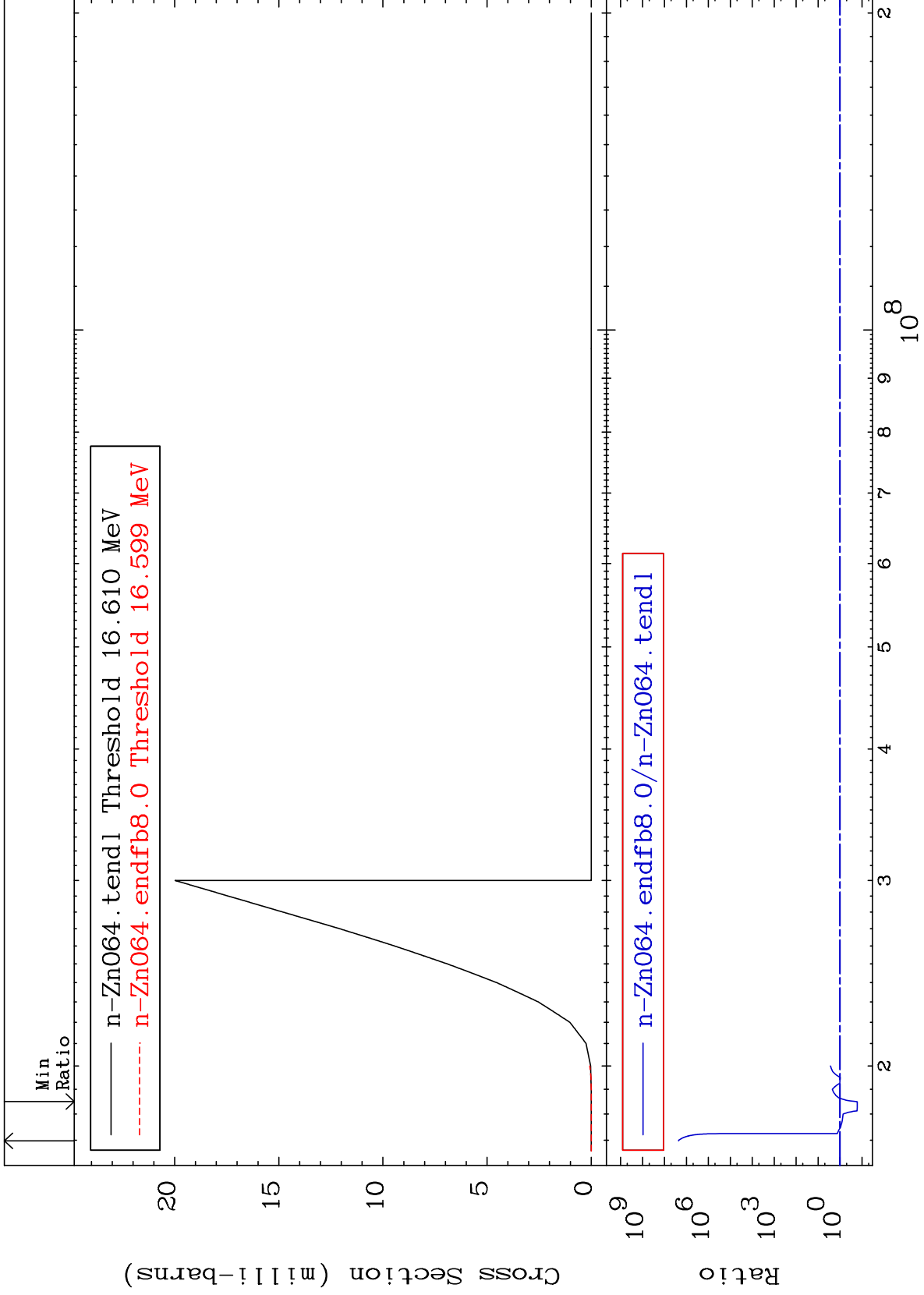
Incident Energy (eV)

30-Zn-64

MAT 3025

(n,n') d
Cross Section

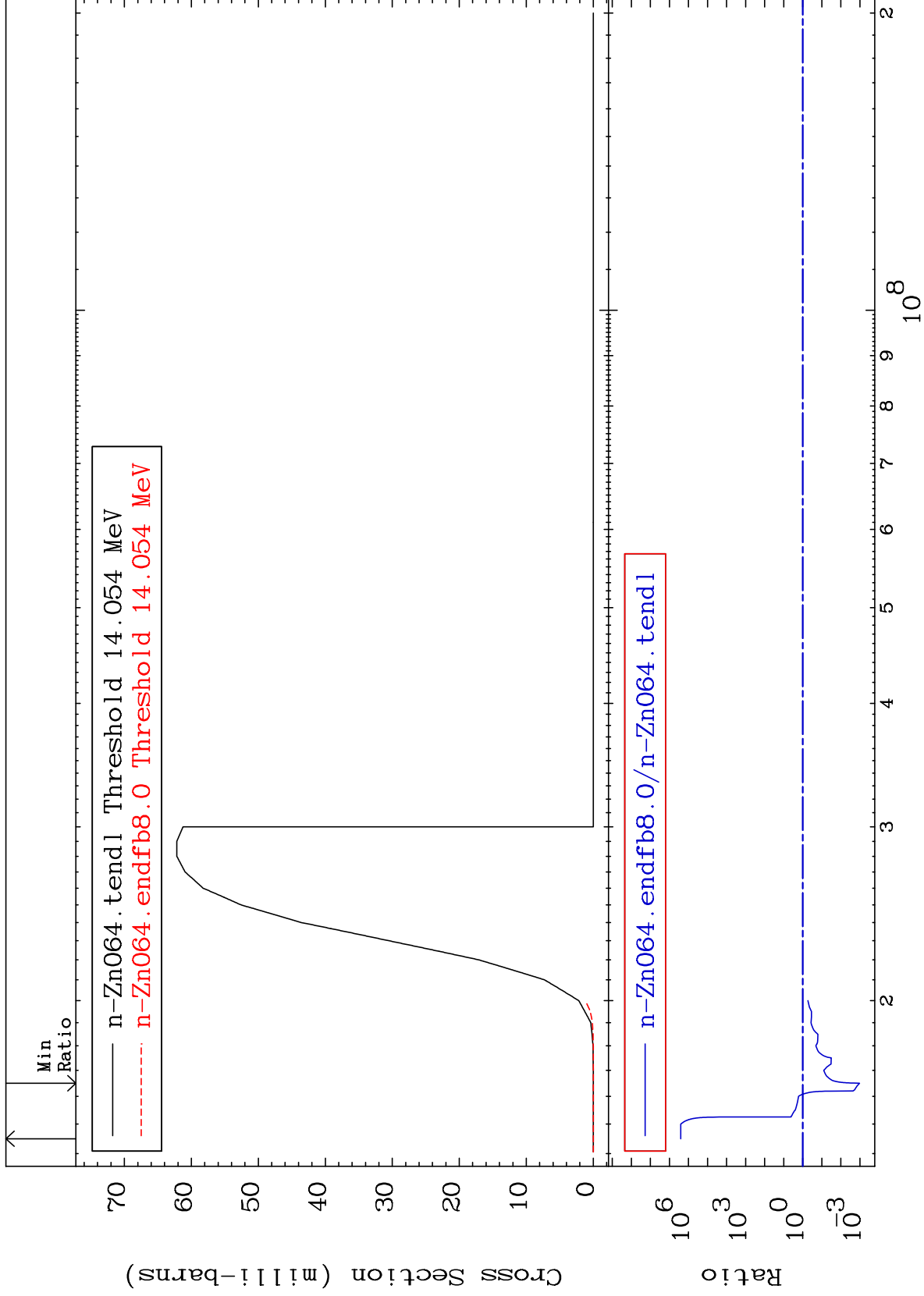
30-Zn-64
-83.55 To 9999. %



MAT 3025

(n,2n) p
Cross Section

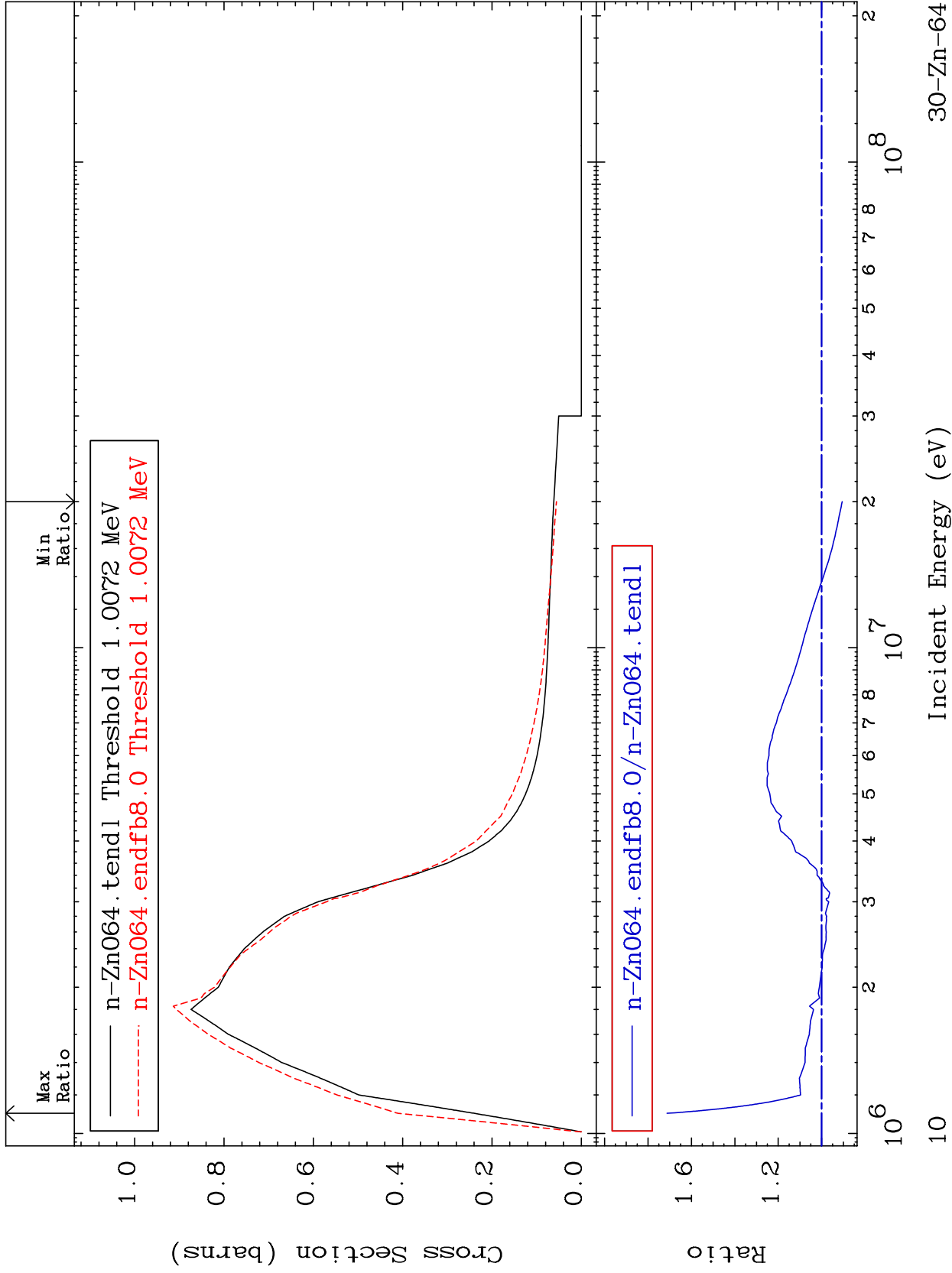
30-Zn-64
-99.90 To 9999. %



MAT 3025

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

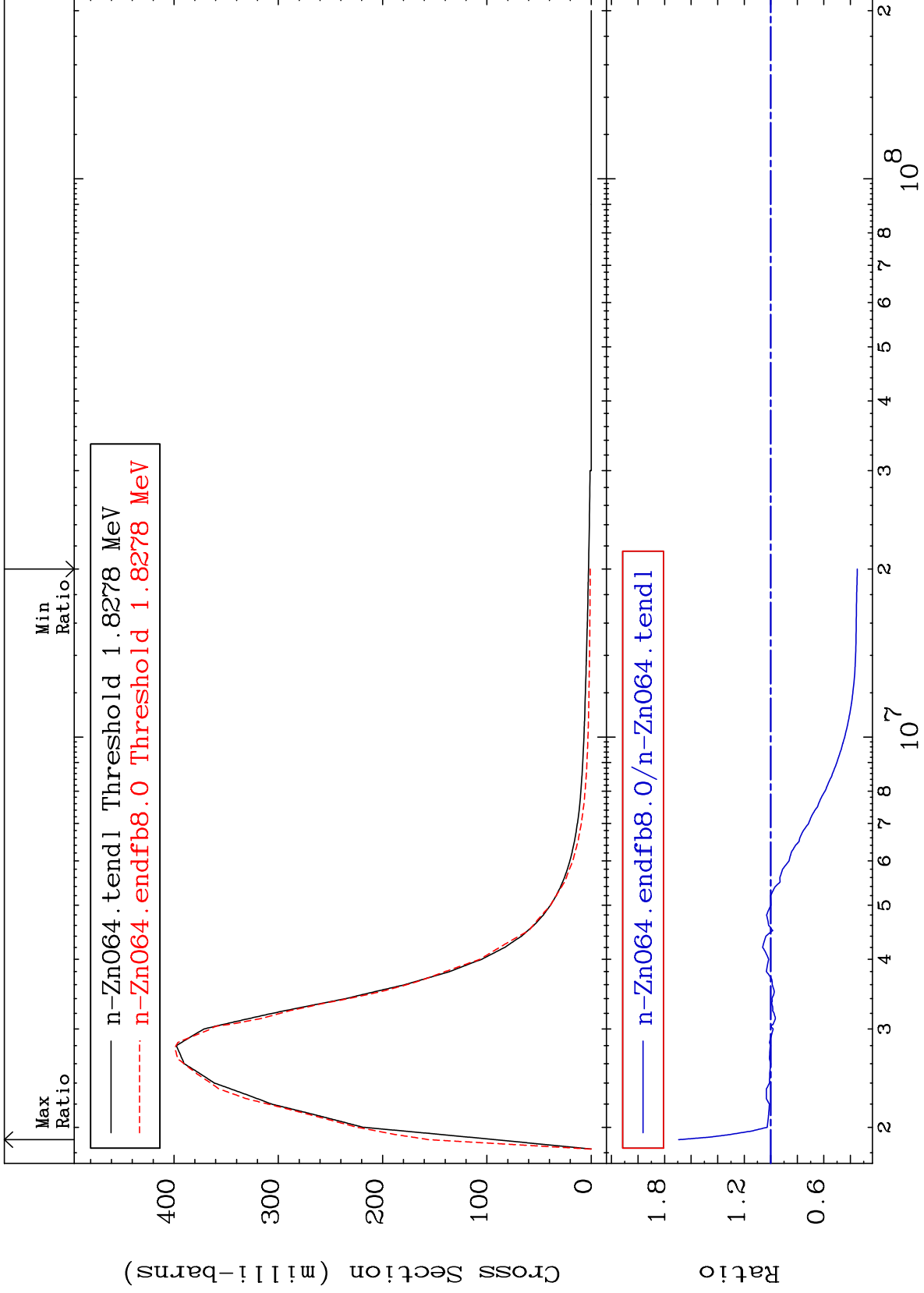
30-Zn-64
-9.461 To 71.23 %



MAT 3025

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

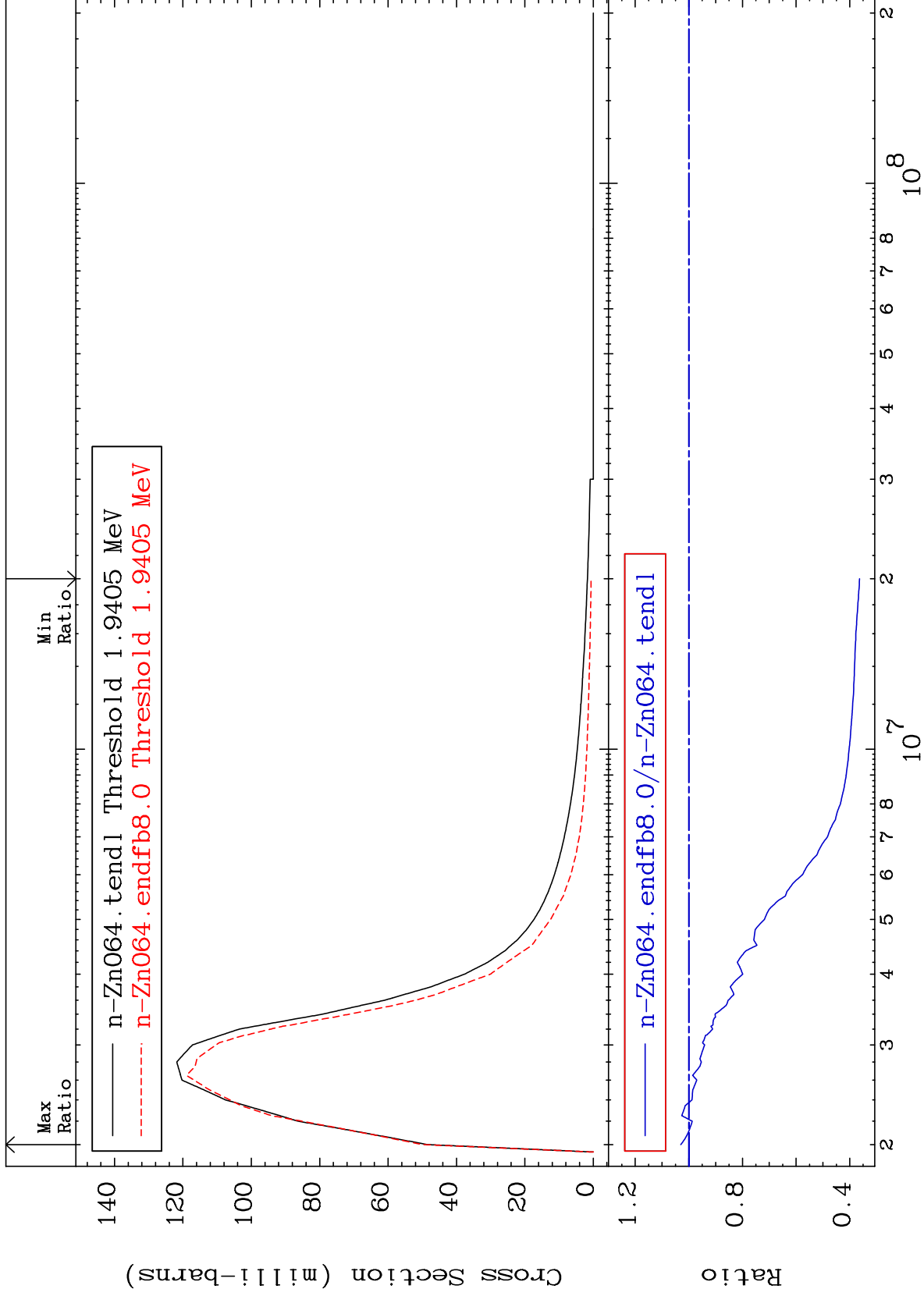
30-Zn-64
-65.15 To 69.41 %



MAT 3025

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

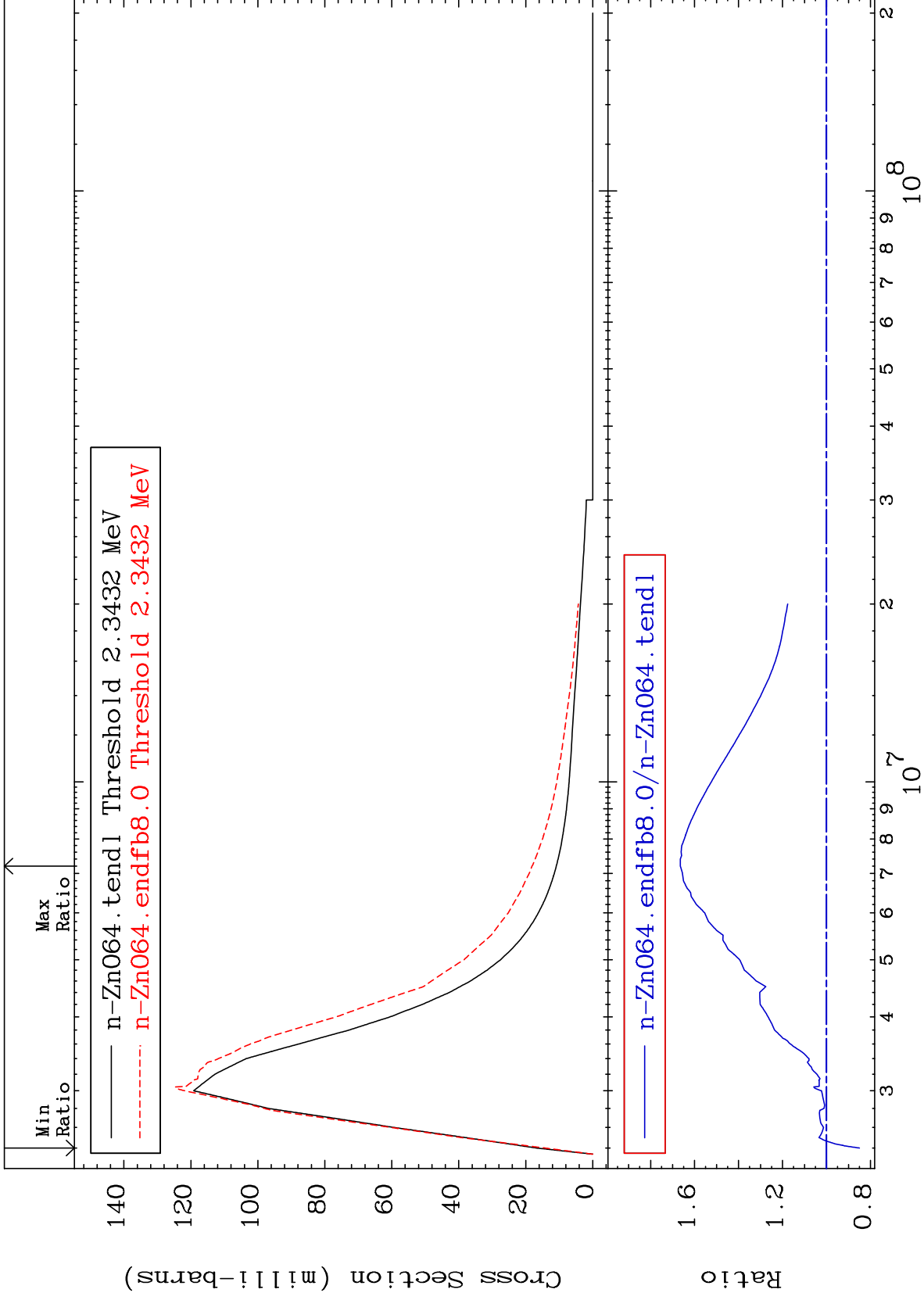
30-Zn-64
-63.65 To 3.008 %



12

Incident Energy (eV)

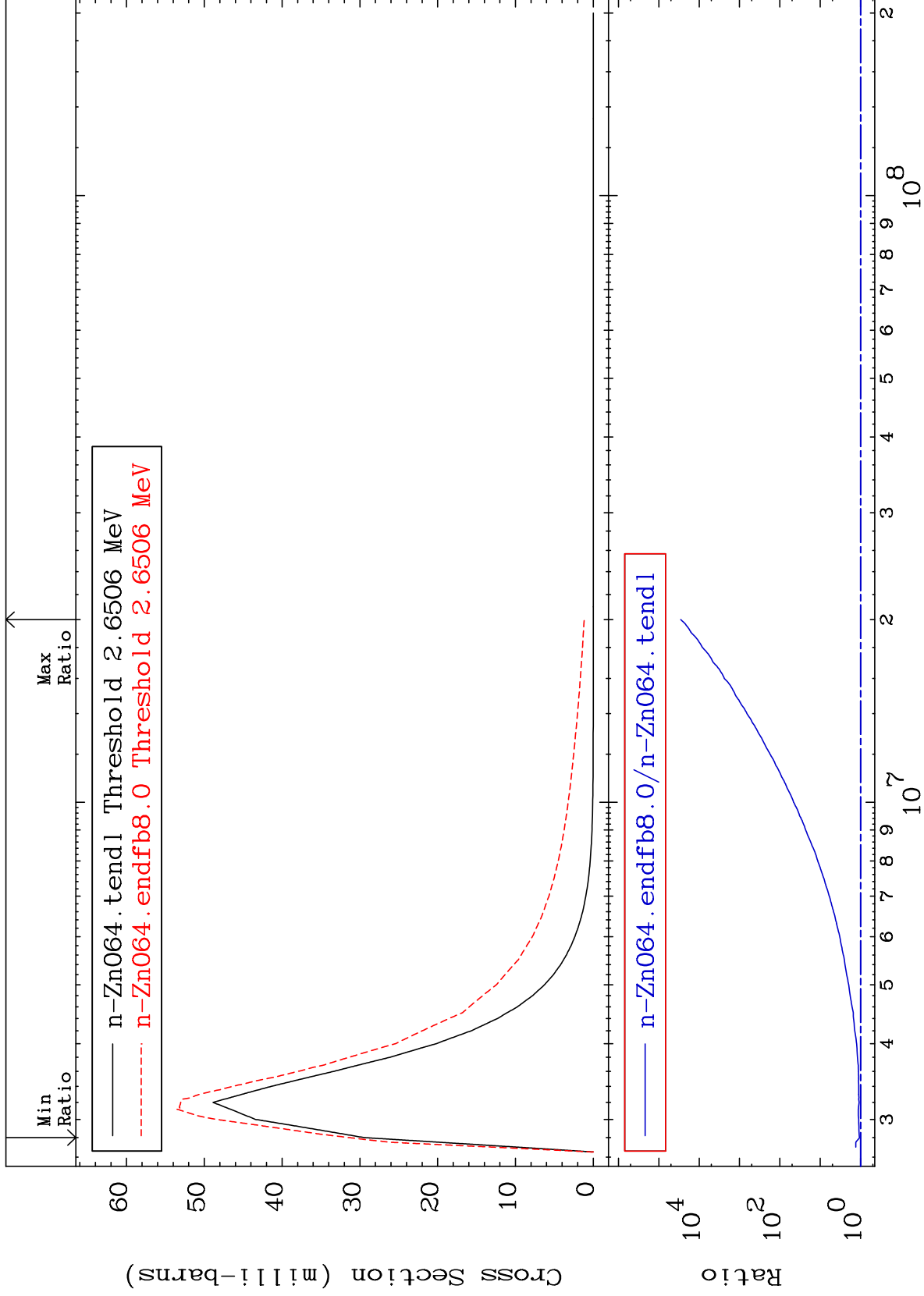
30-Zn-64



MAT 3025

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

30-Zn-64
To 9999. %
6.506



14

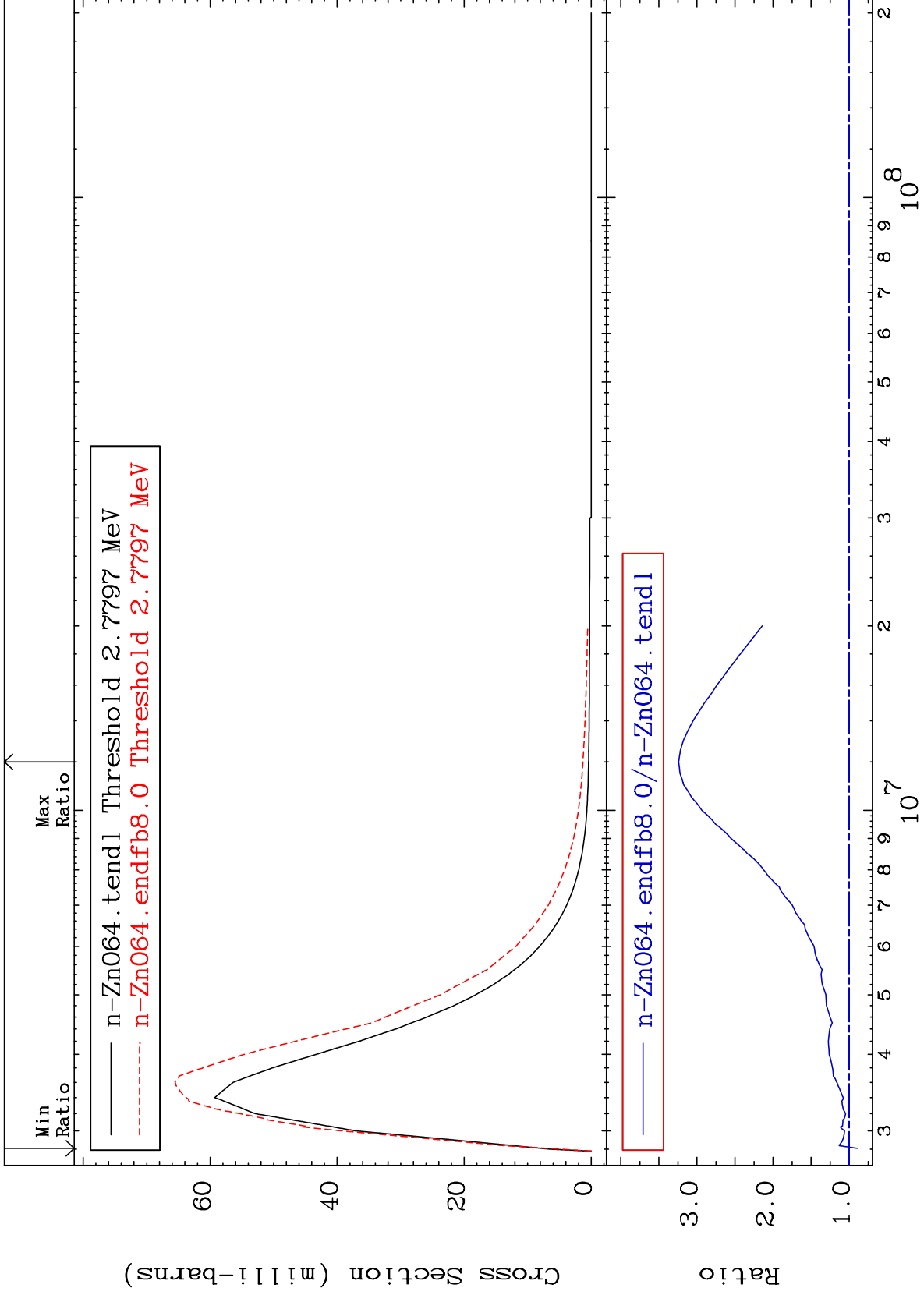
Incident Energy (eV)

30-Zn-64

MAT 3025

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

30-Zn-64
-10.62 To 224.1 %



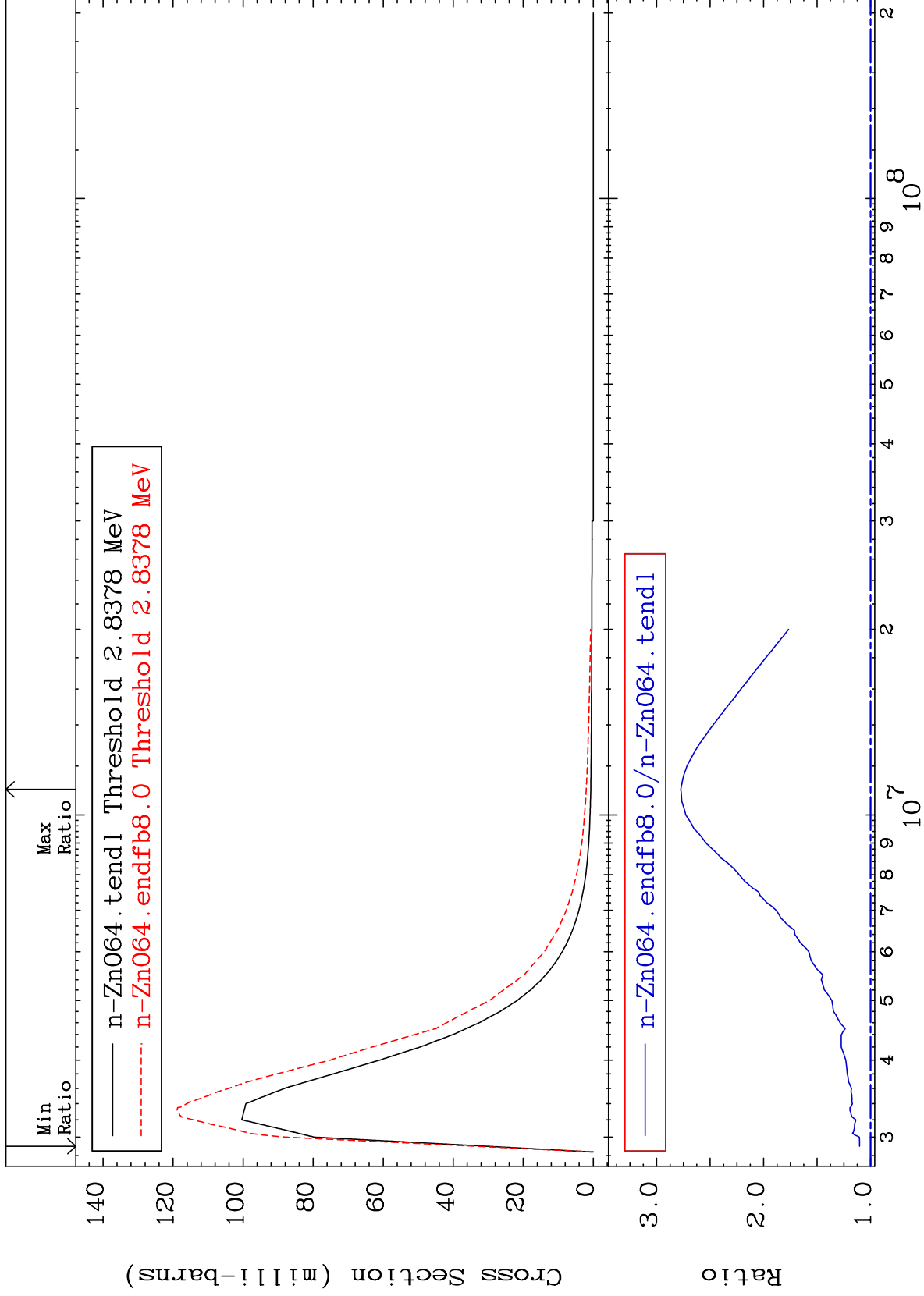
15

30-Zn-64

MAT 3025

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

30-Zn-64
10.35 To 177.4 %



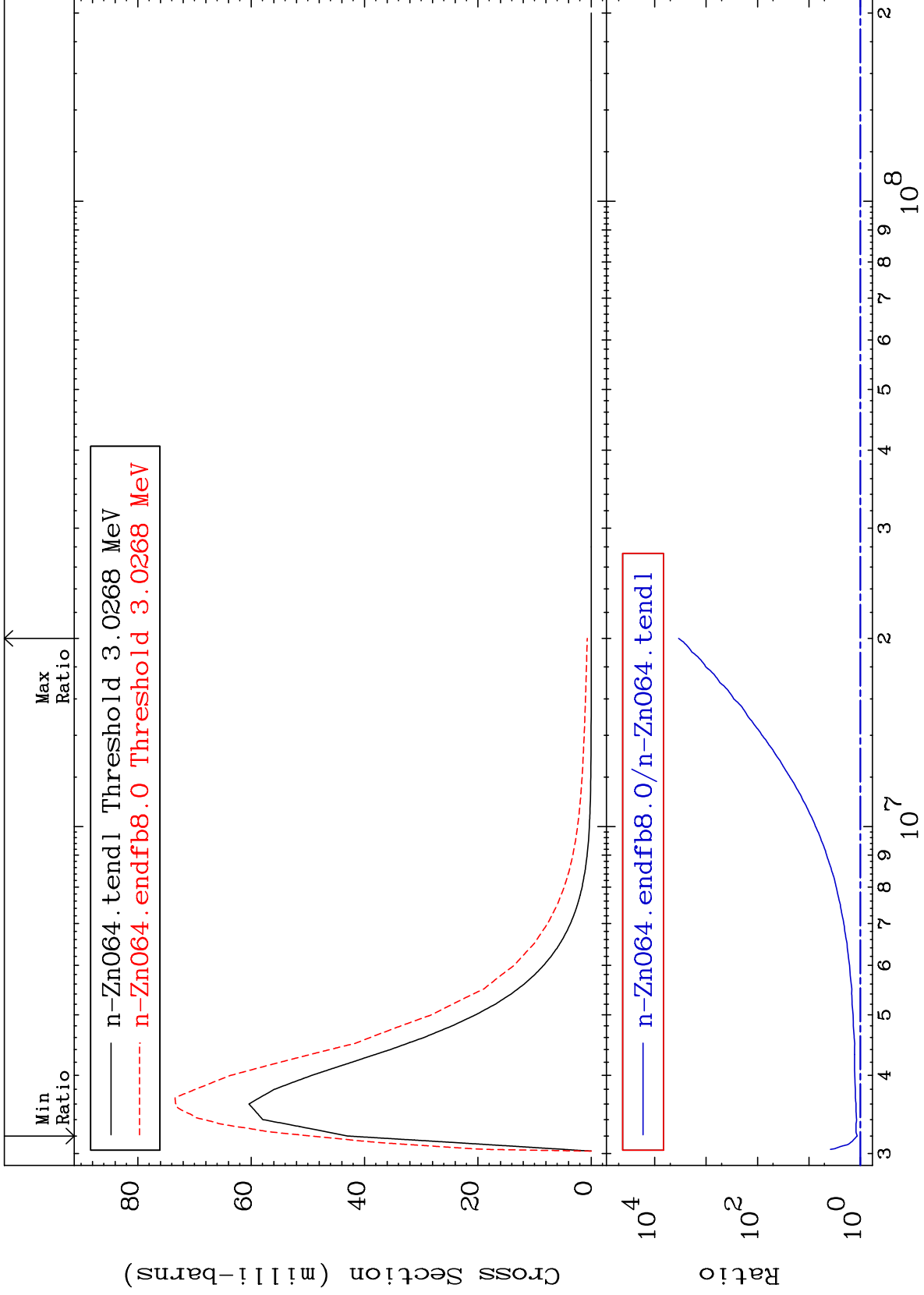
16

30-Zn-64

MAT 3025

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

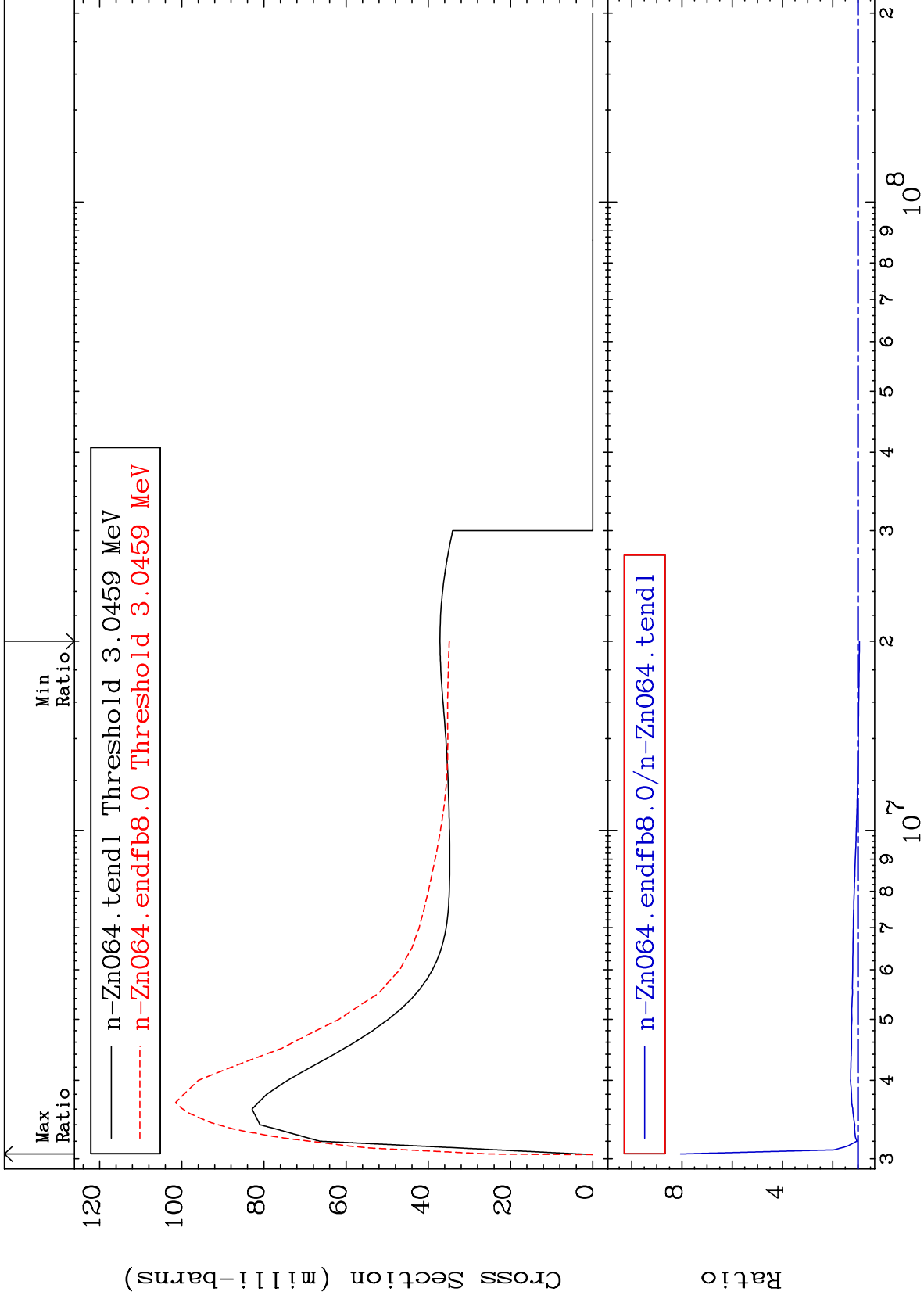
30-Zn-64
To 9999. %
15.00



MAT 3025

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

30-Zn-64
-6.076 To 706.4 %



18

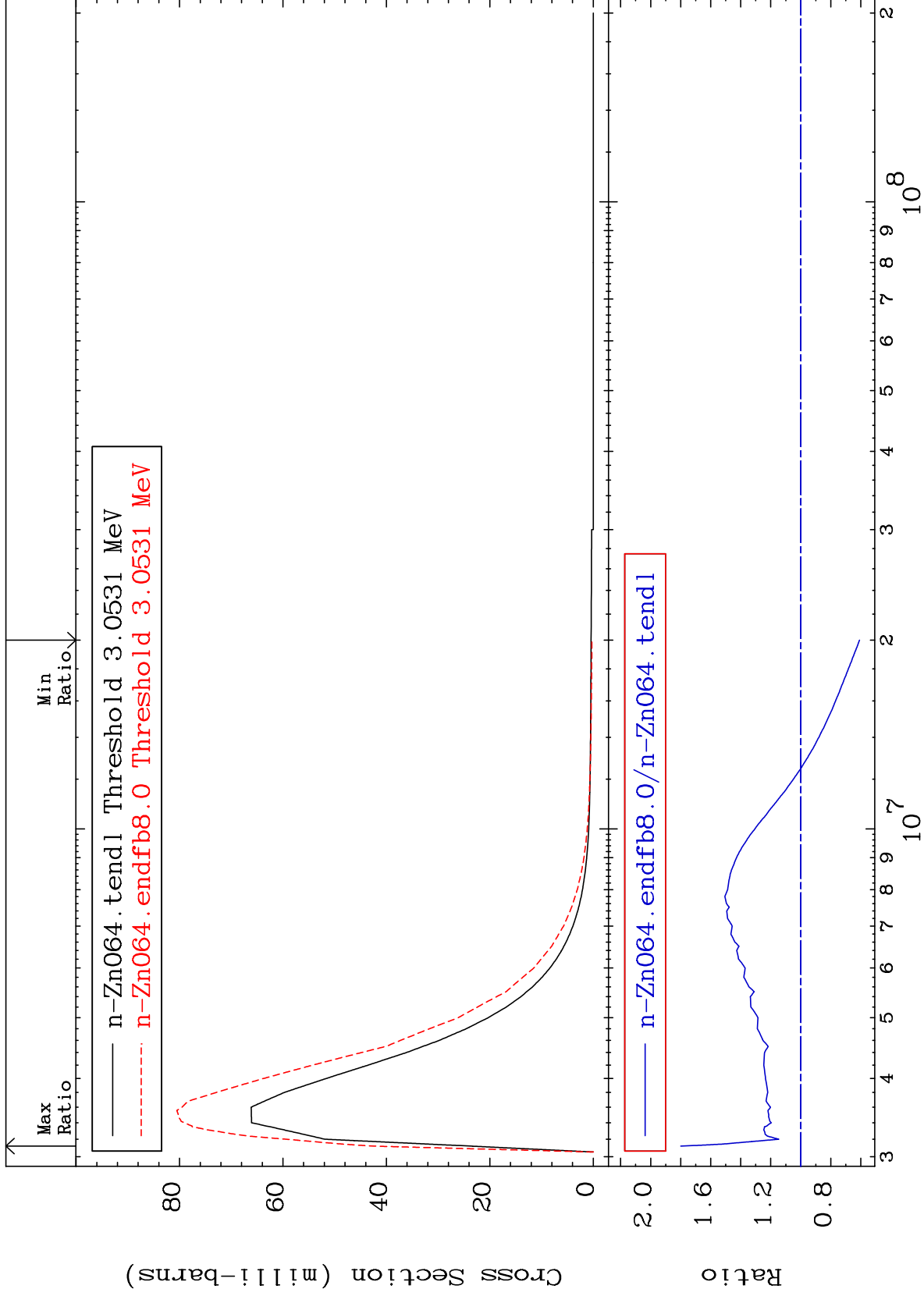
Incident Energy (eV)

30-Zn-64

MAT 3025

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

30-Zn-64
-39.16 To 79.94 %



19

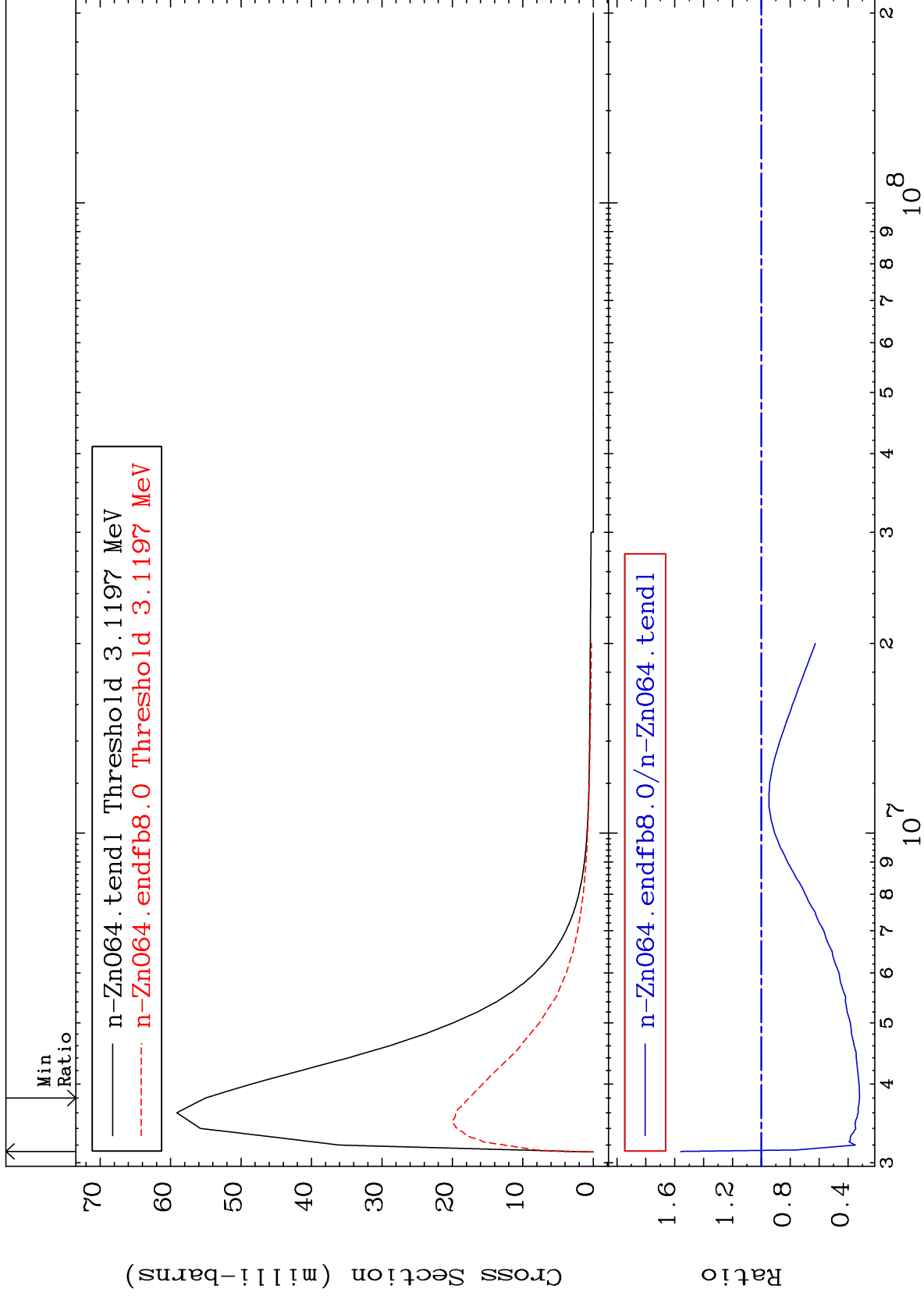
Incident Energy (eV)

30-Zn-64

MAT 3025

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

30-Zn-64
-67.99 To 55.82 %



20

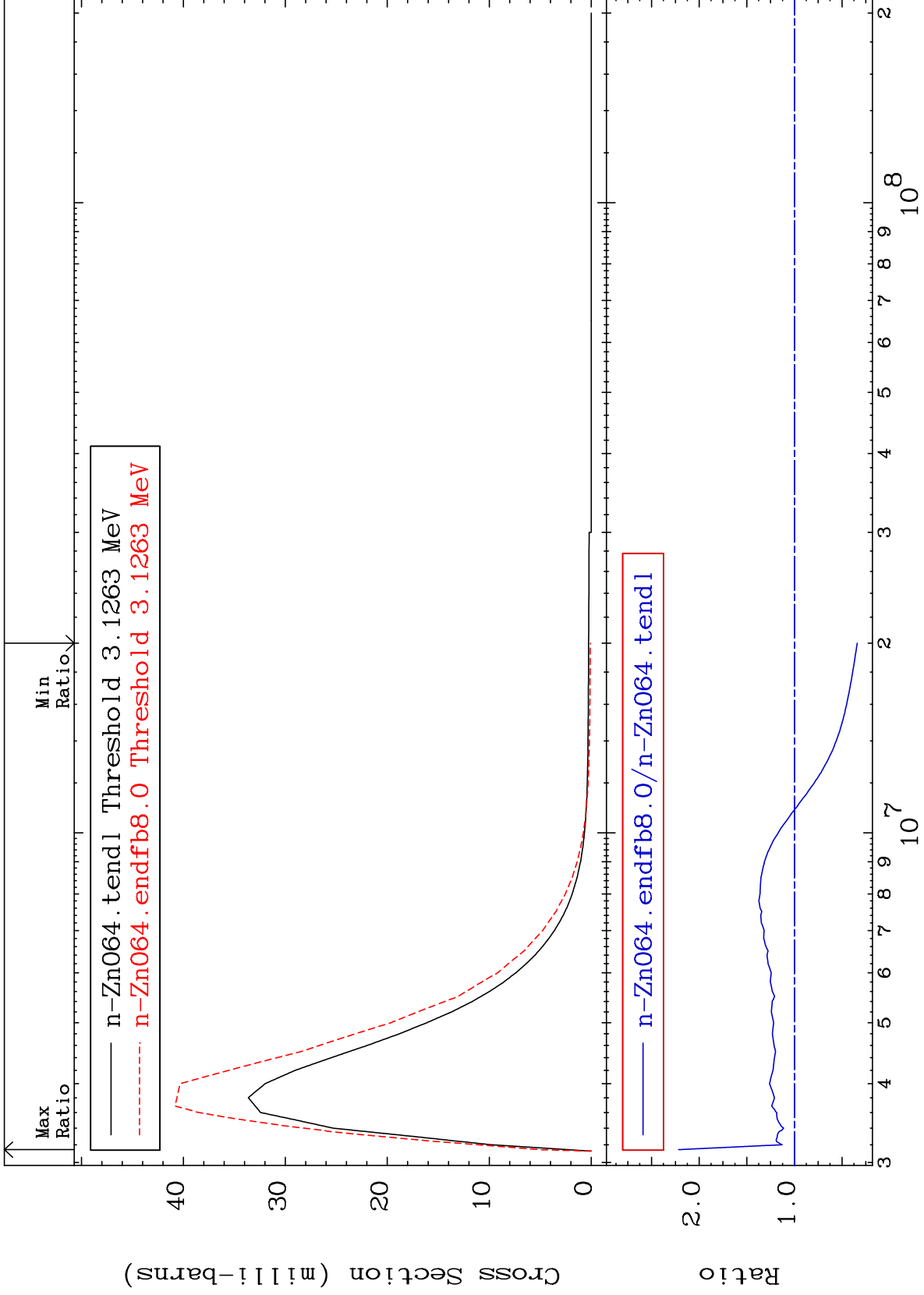
Incident Energy (eV)

30-Zn-64

MAT 3025

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

30-Zn-64
-66.04 To 121.6 %



21

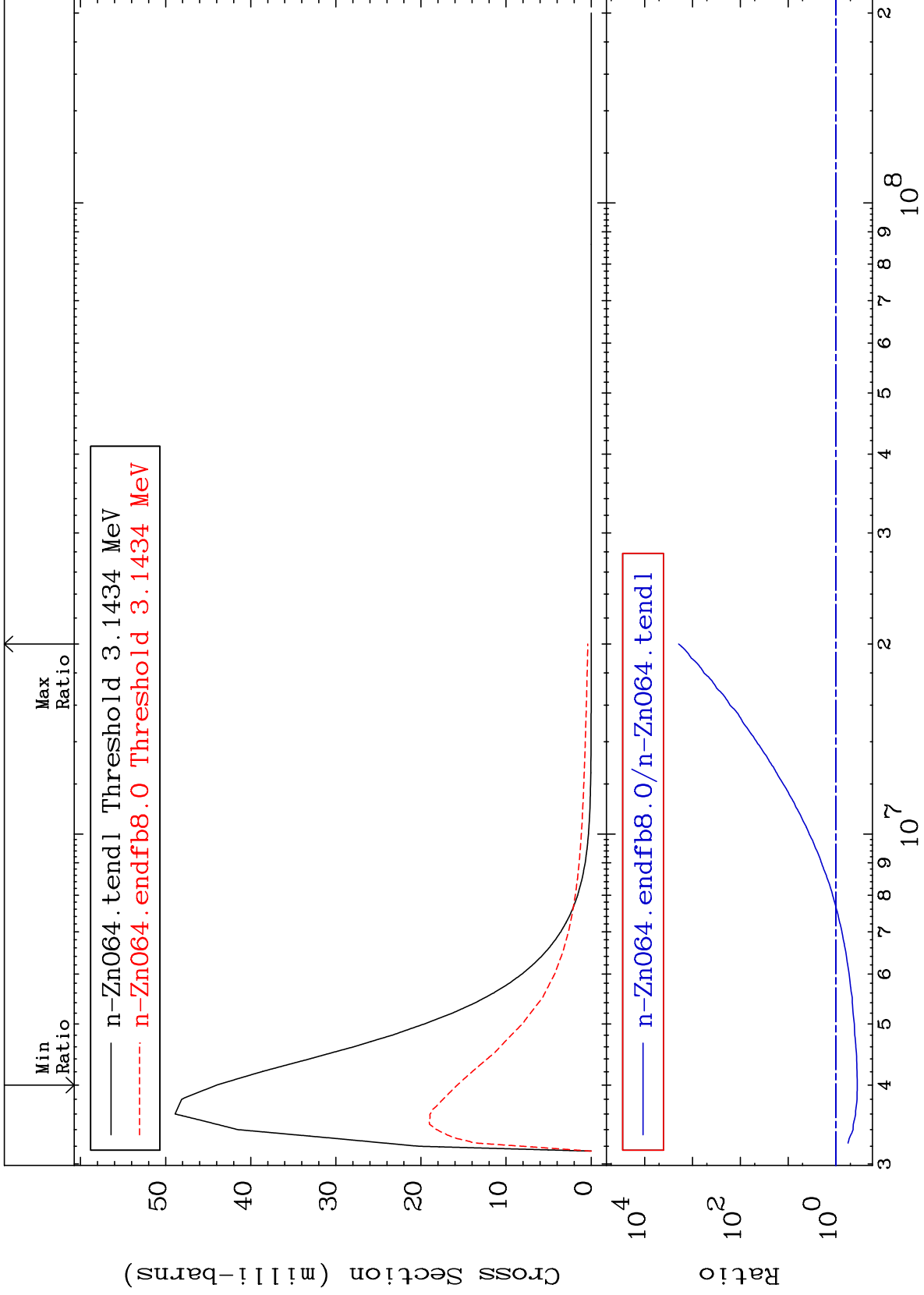
30-Zn-64

30-Zn-64

MAT 3025

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

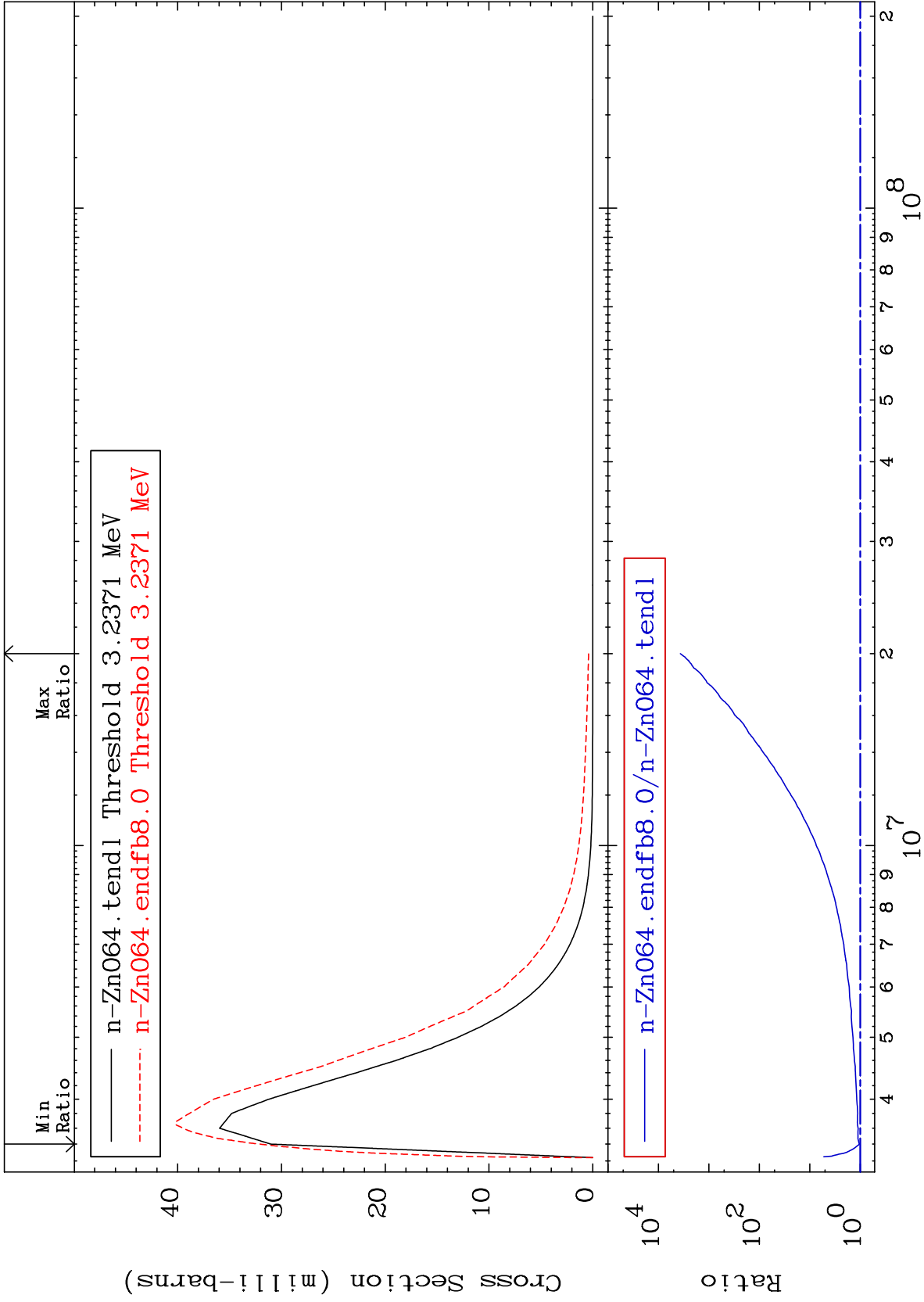
30-Zn-64
-64.23 To 9999. %



MAT 3025

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

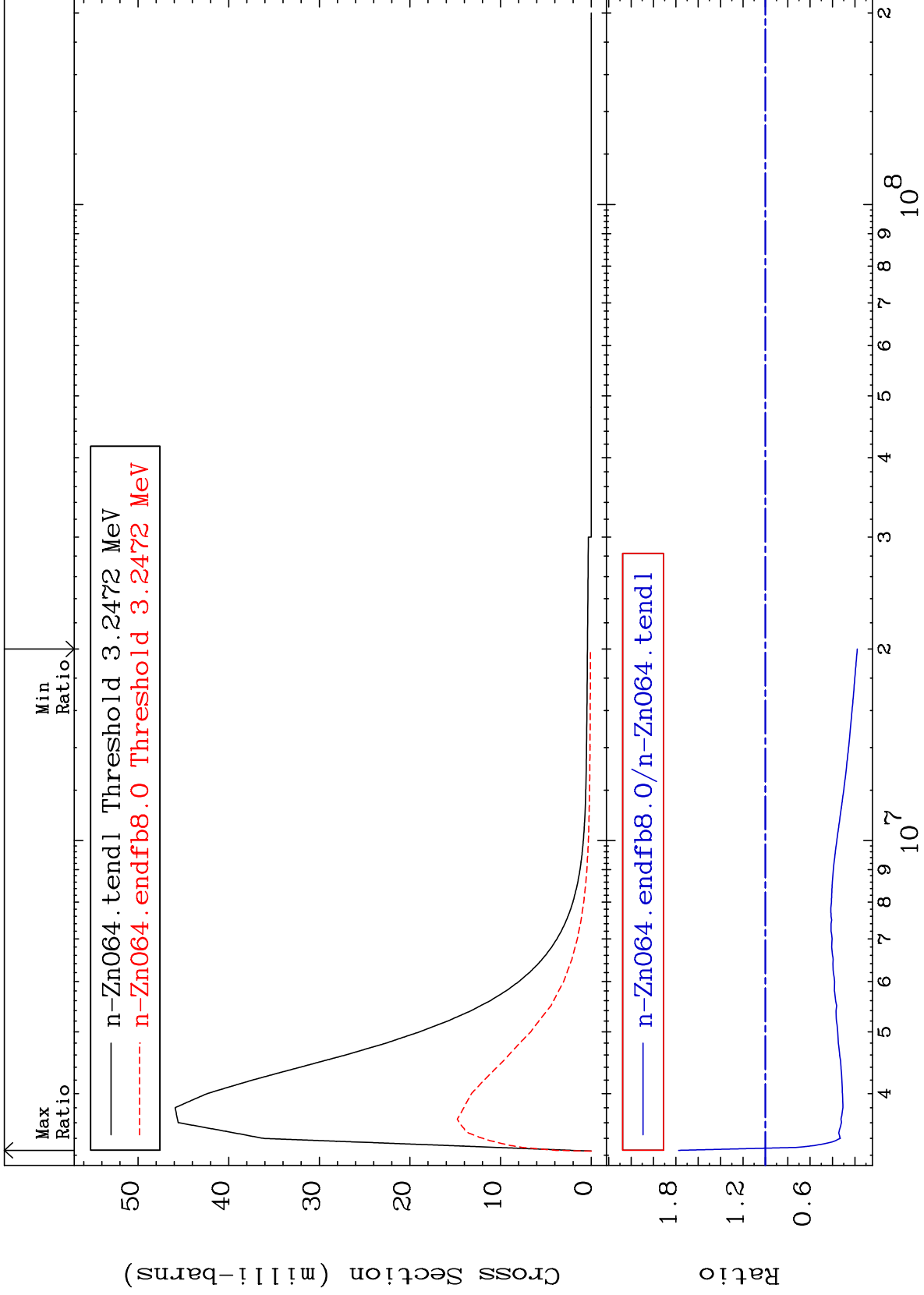
30-Zn-64
3.416 To 9999. %



MAT 3025

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

30-Zn-64
-82.13 To 77.52 %



24

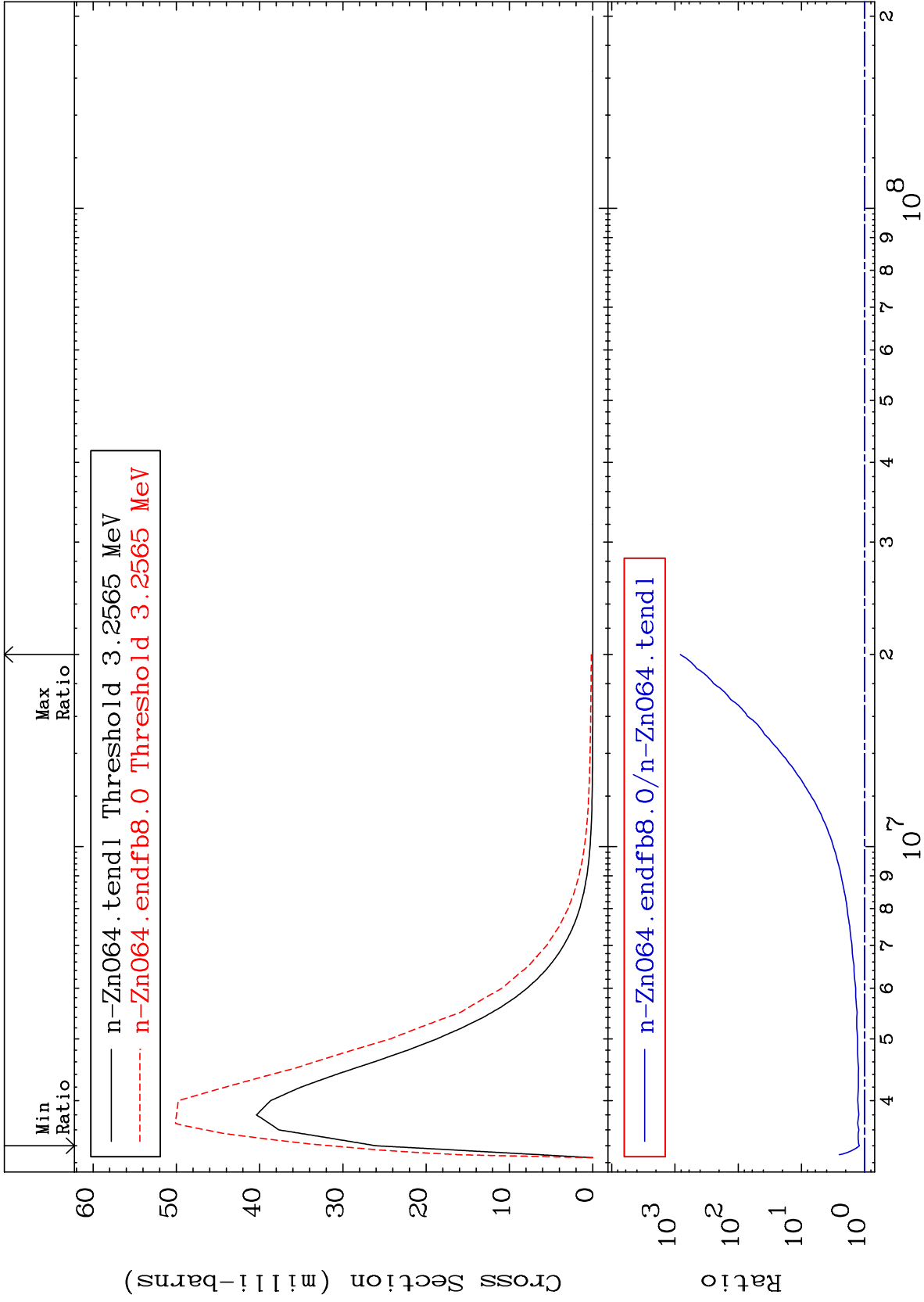
Incident Energy (eV)

30-Zn-64

MAT 3025

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

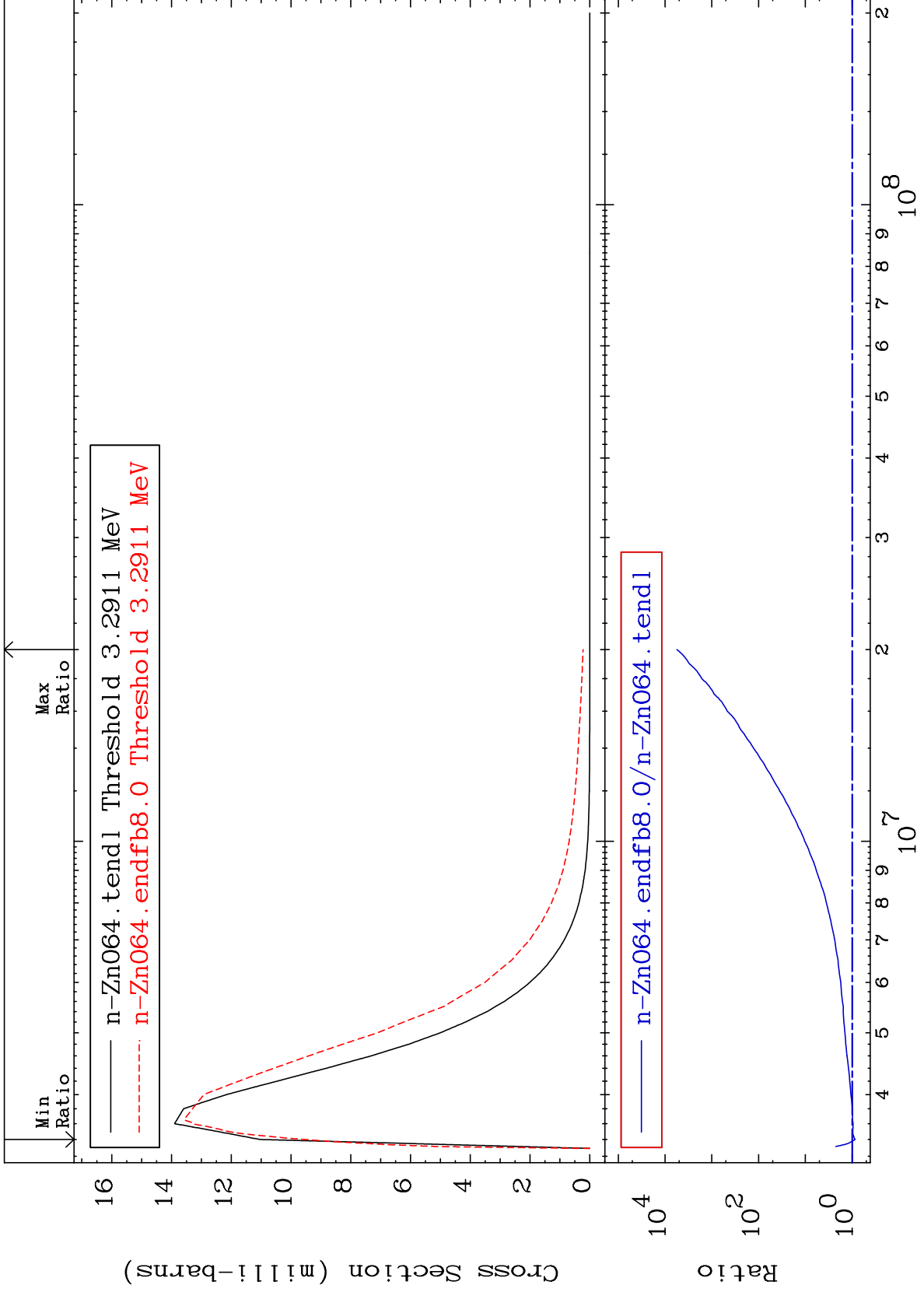
30-Zn-64
To 9999. %



MAT 3025

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

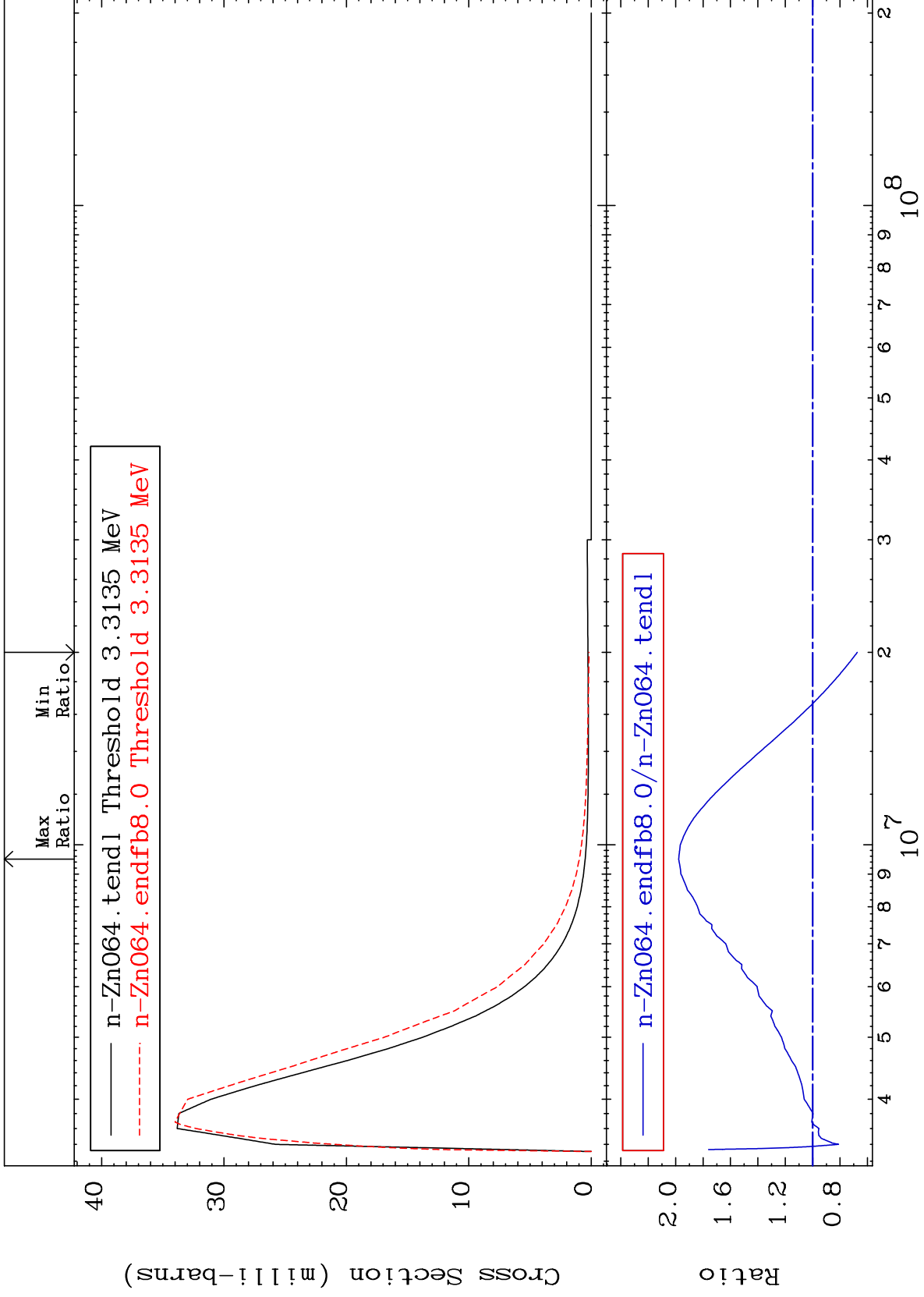
30-Zn-64
-13.59 To 9999. %



MAT 3025

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

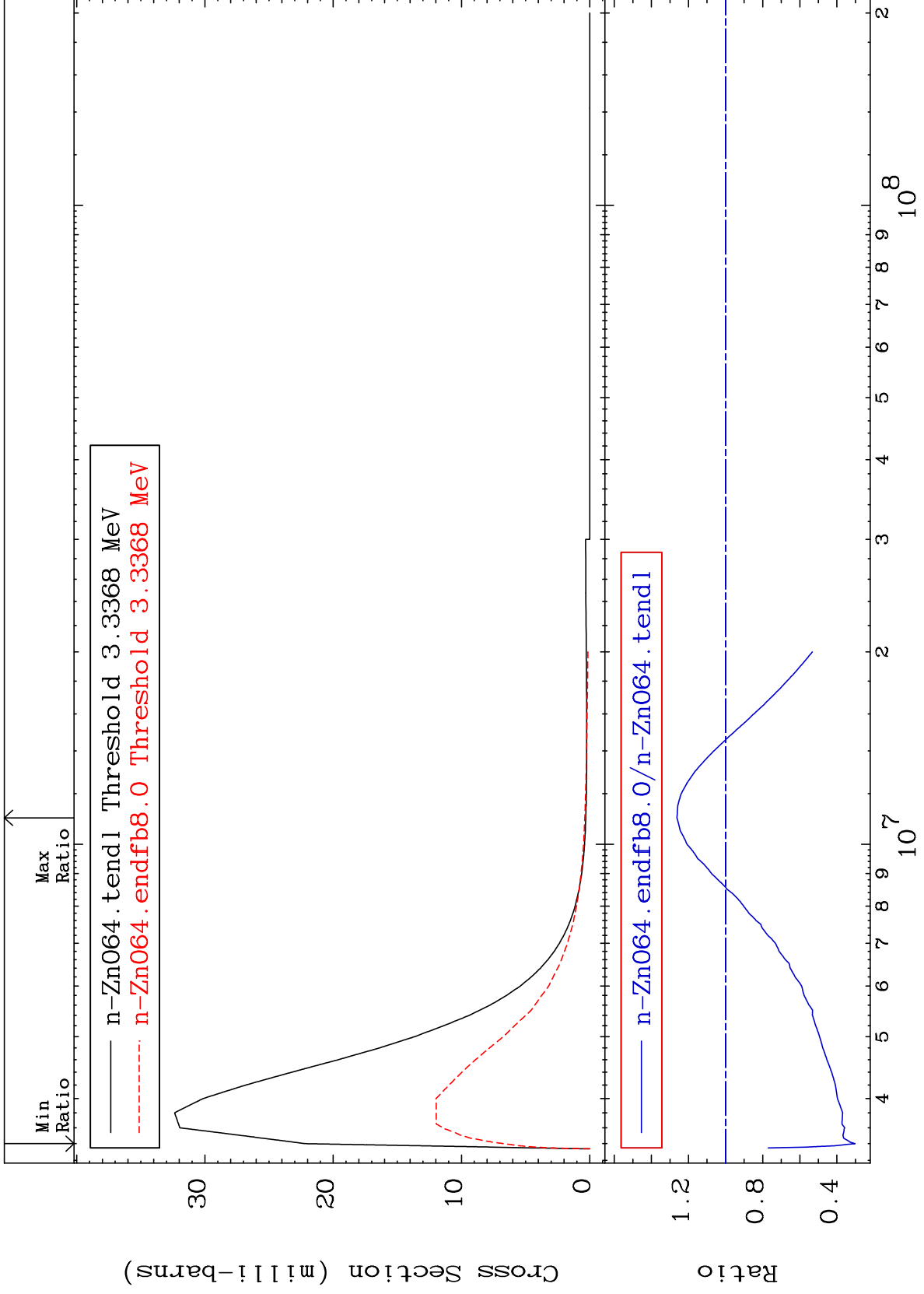
30-Zn-64
-32.54 To 97.83 %



MAT 3025

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

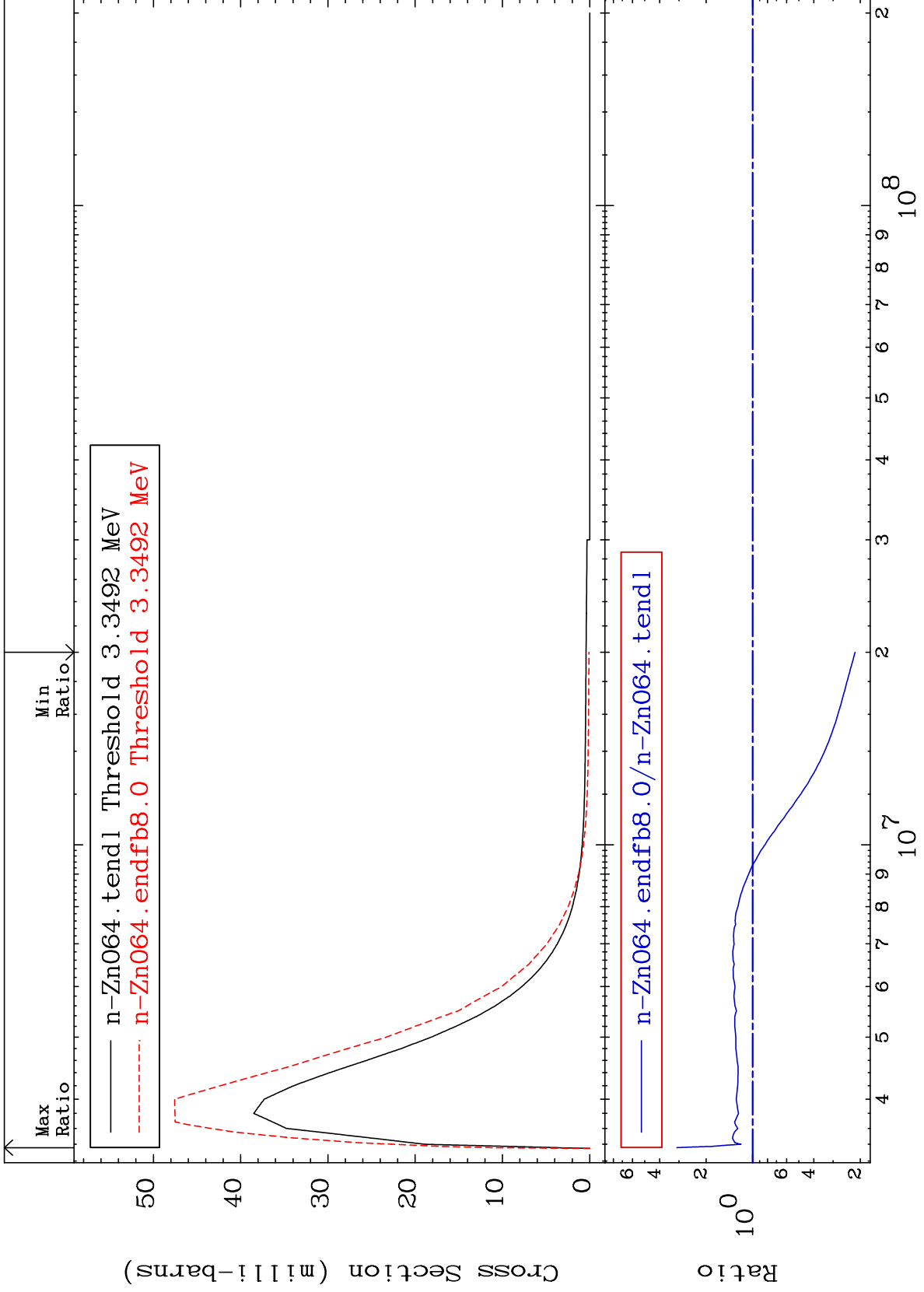
30-Zn-64
-69.79 To 26.23 %



MAT 3025

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

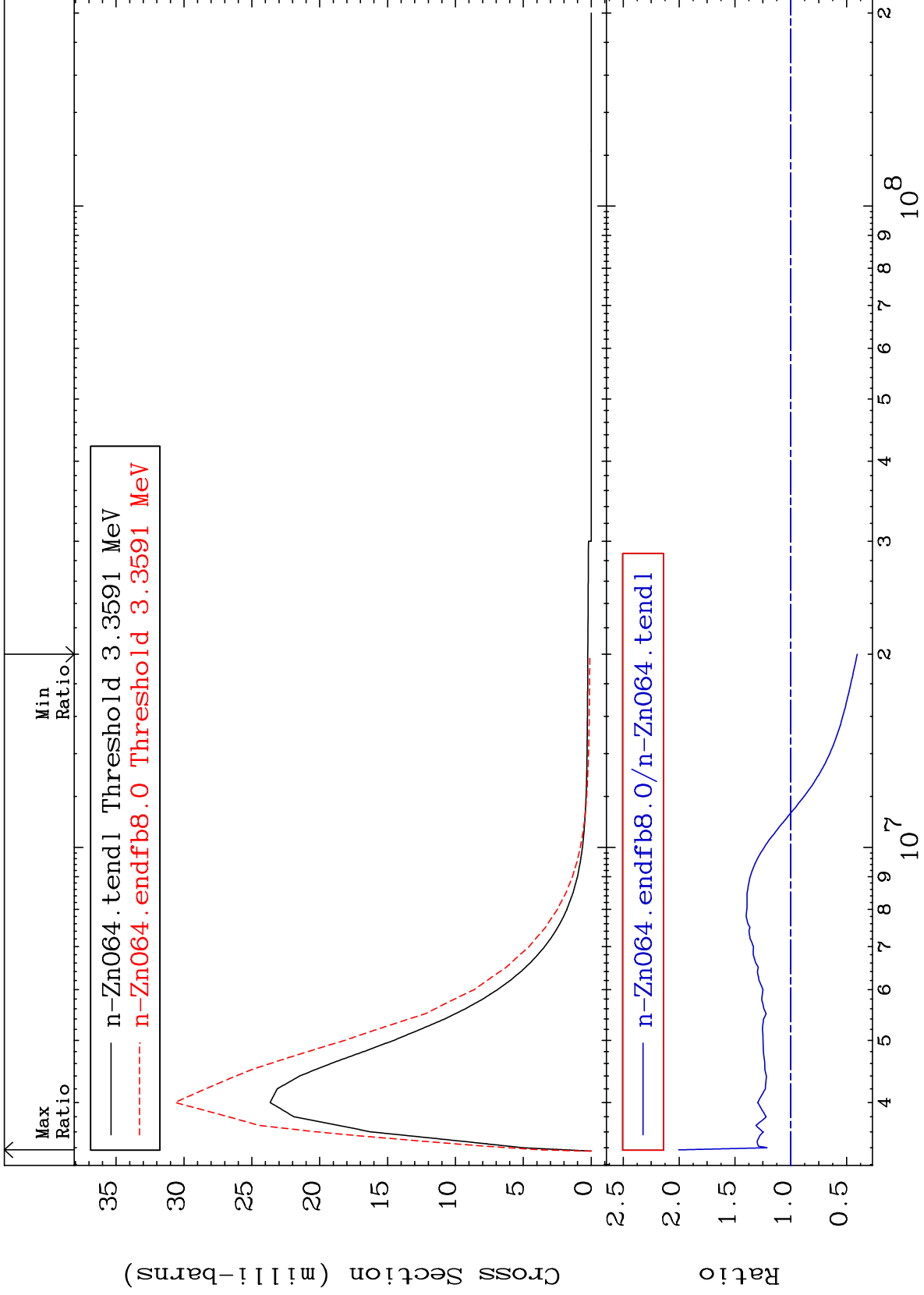
30-Zn-64
-78.40 To 209.3 %



MAT 3025

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

30-Zn-64
-59.54 To 100.4 %



30

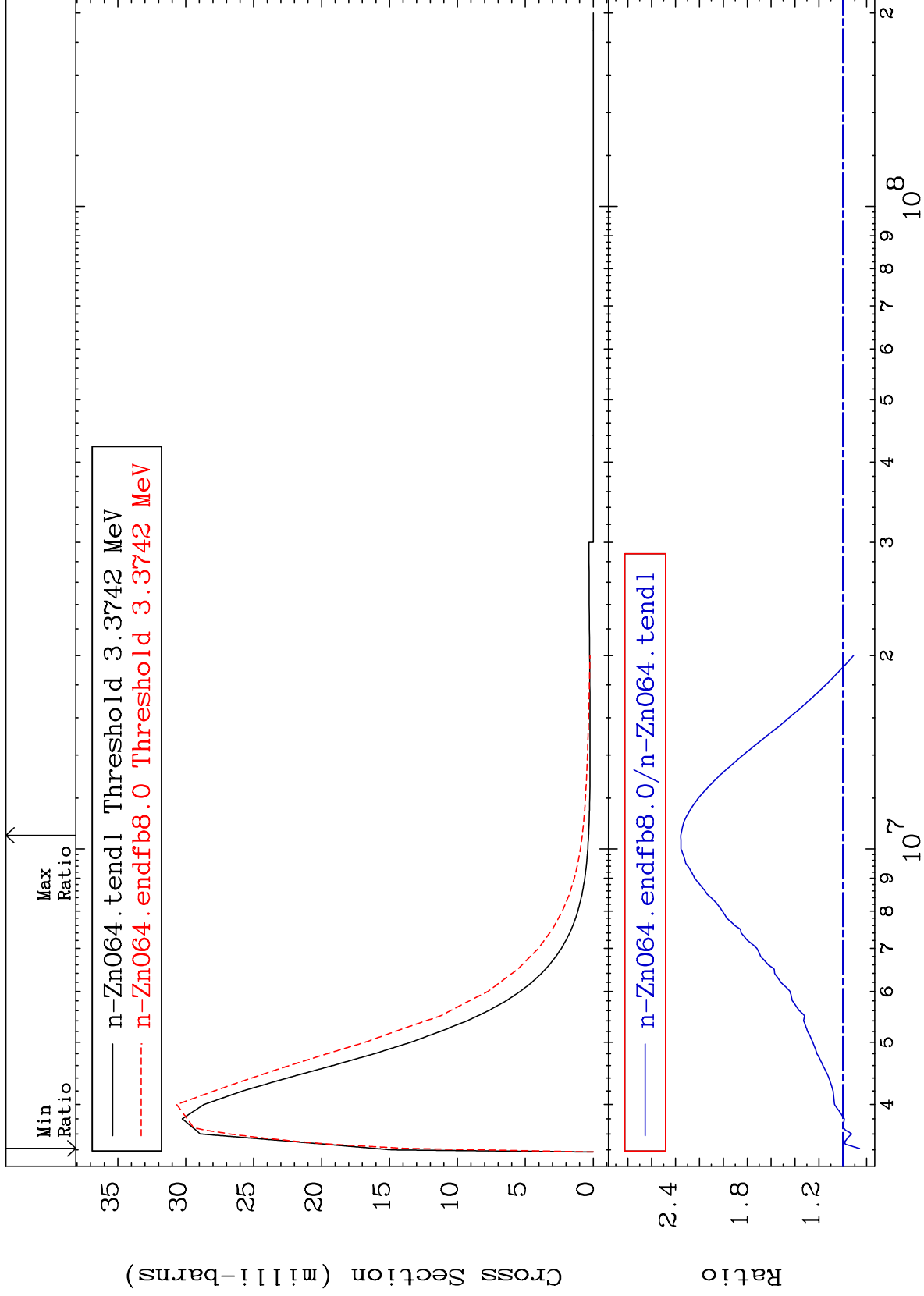
Incident Energy (eV)

30-Zn-64

MAT 3025

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

30-Zn-64
-14.02 To 135.6 %



31

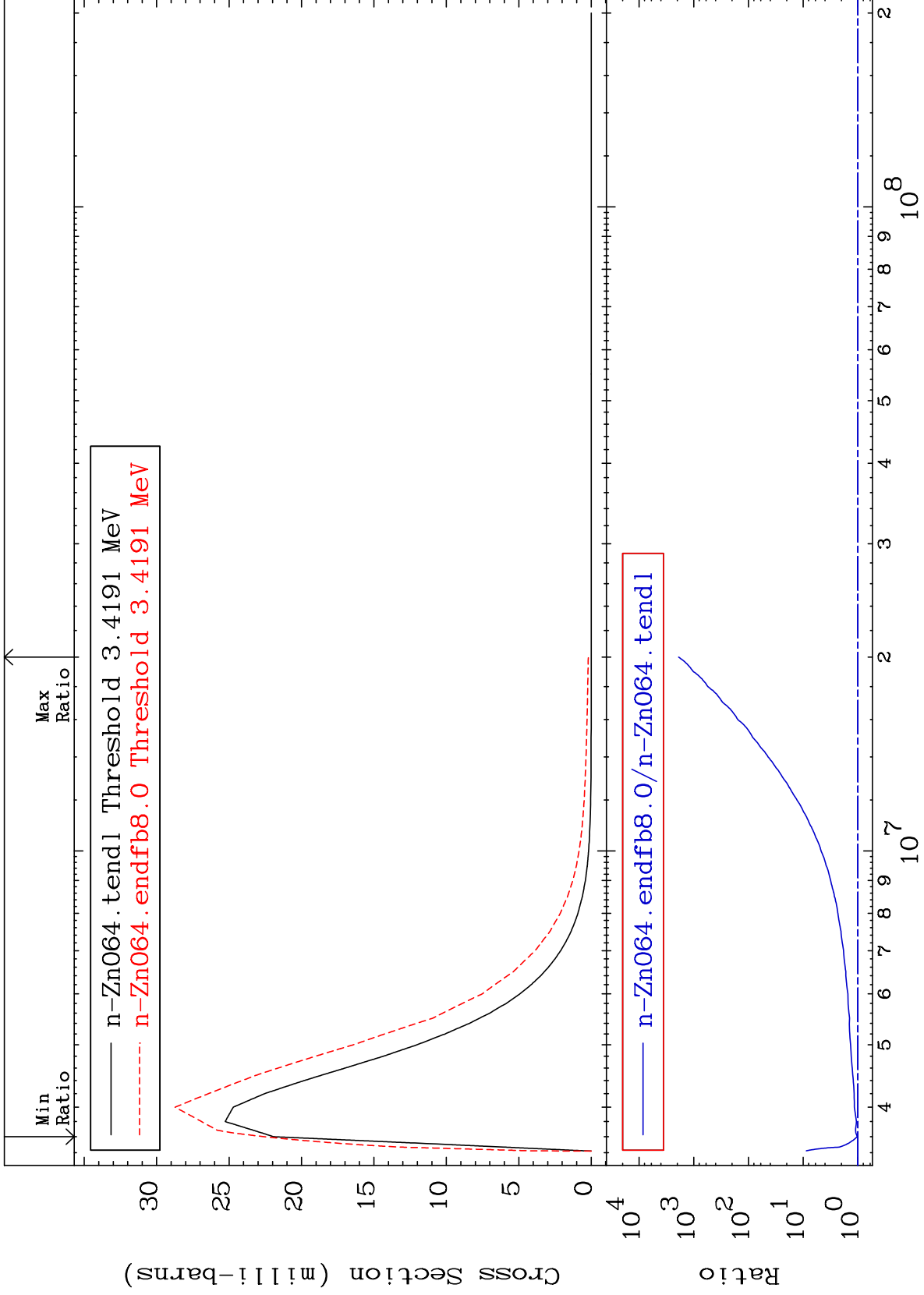
Incident Energy (eV)

30-Zn-64

MAT 3025

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

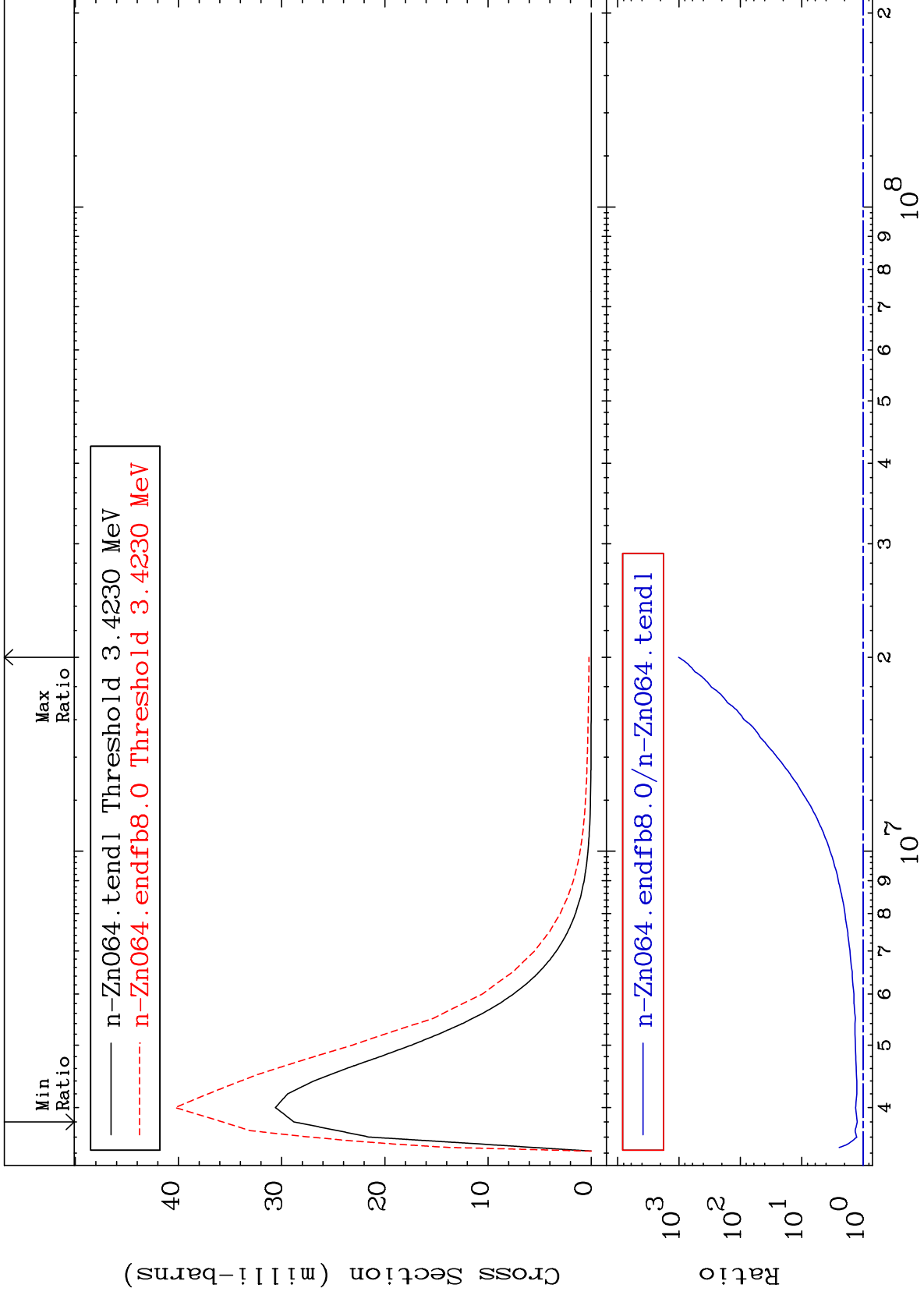
30-Zn-64
2.924 To 9999. %



MAT 3025

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

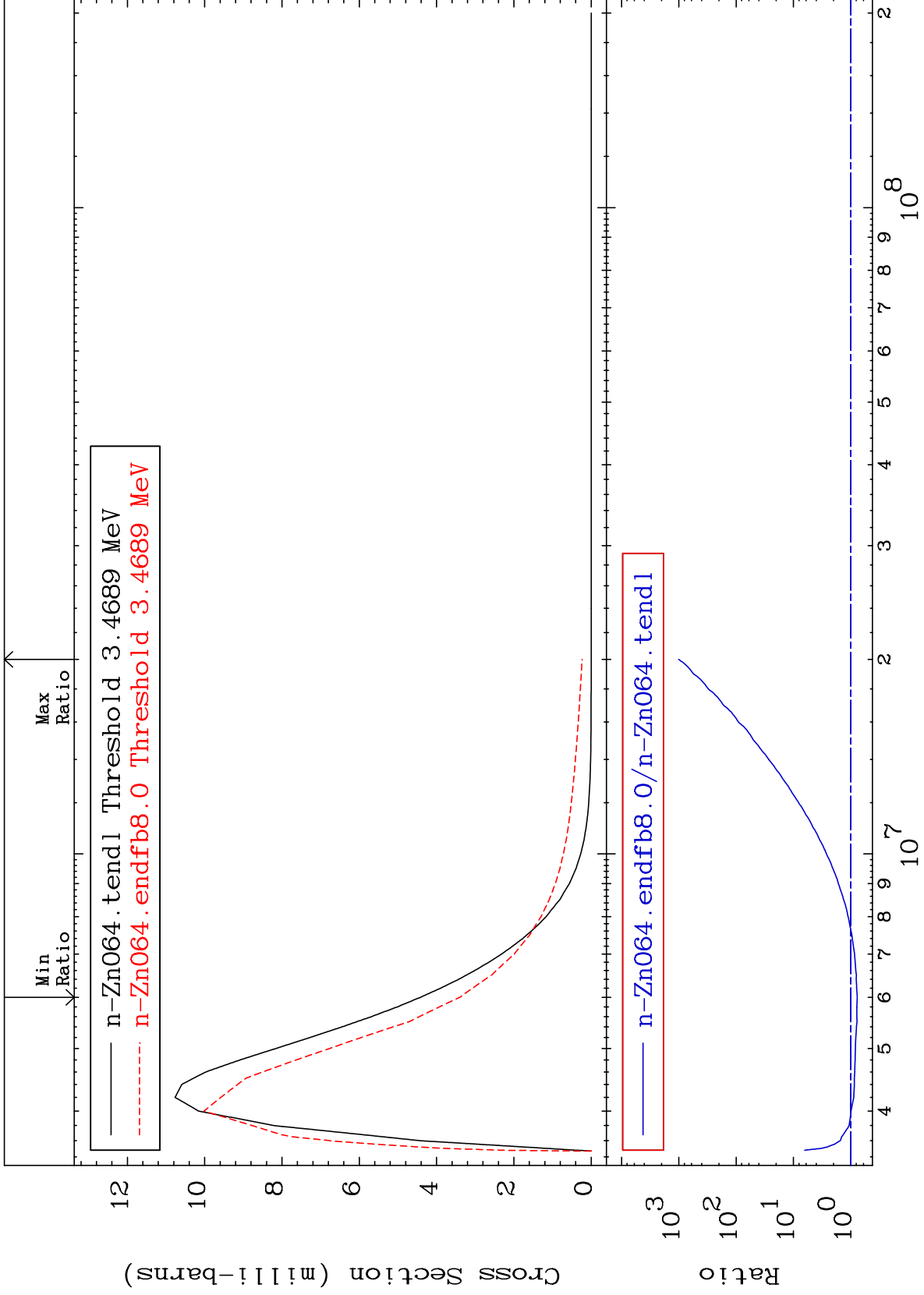
30-Zn-64
24.00 To 9999. %



MAT 3025

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

30-Zn-64
-23.03 To 9999. %



34

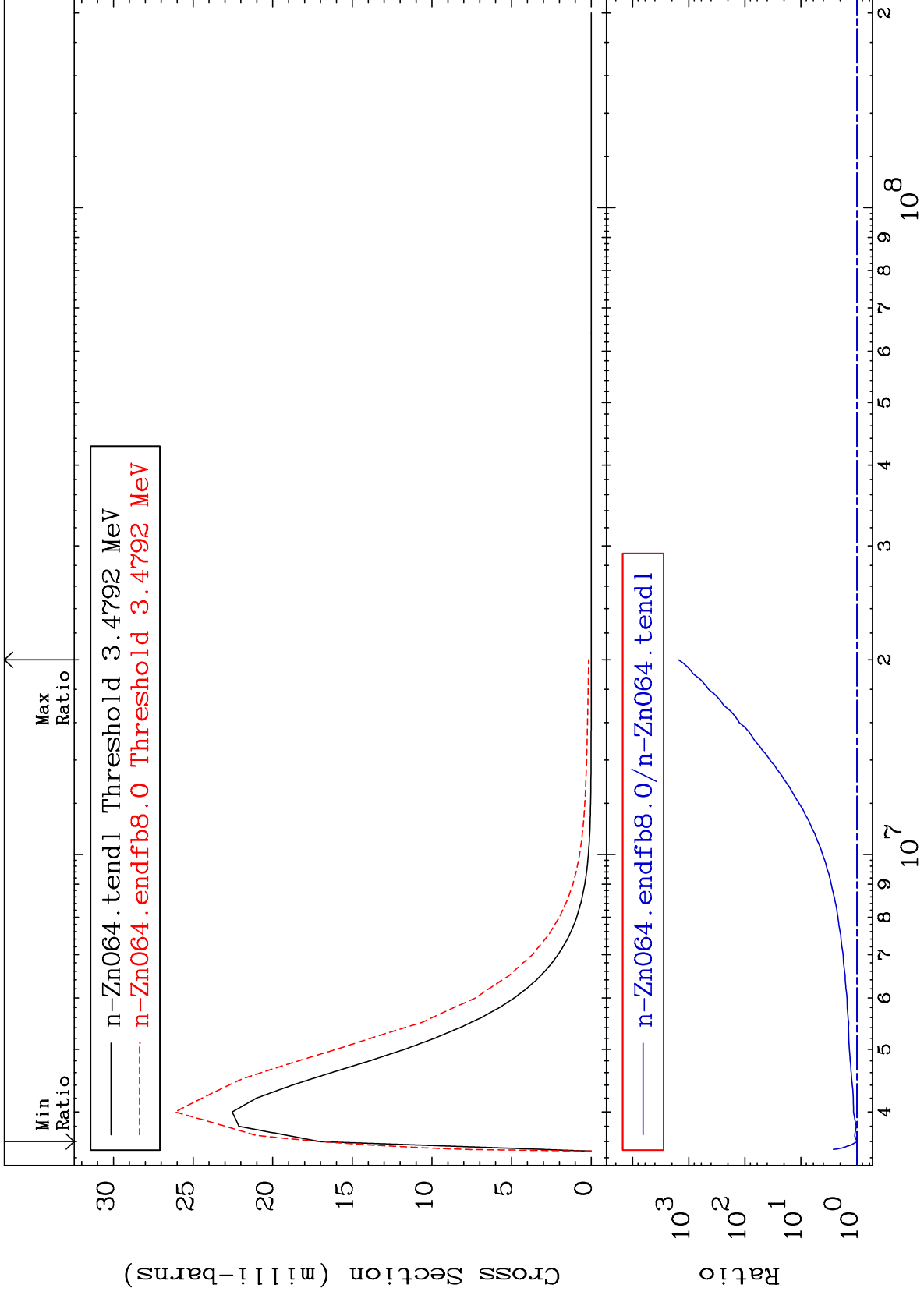
Incident Energy (eV)

30-Zn-64

MAT 3025

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

30-Zn-64
-0.914 To 9999. %



35

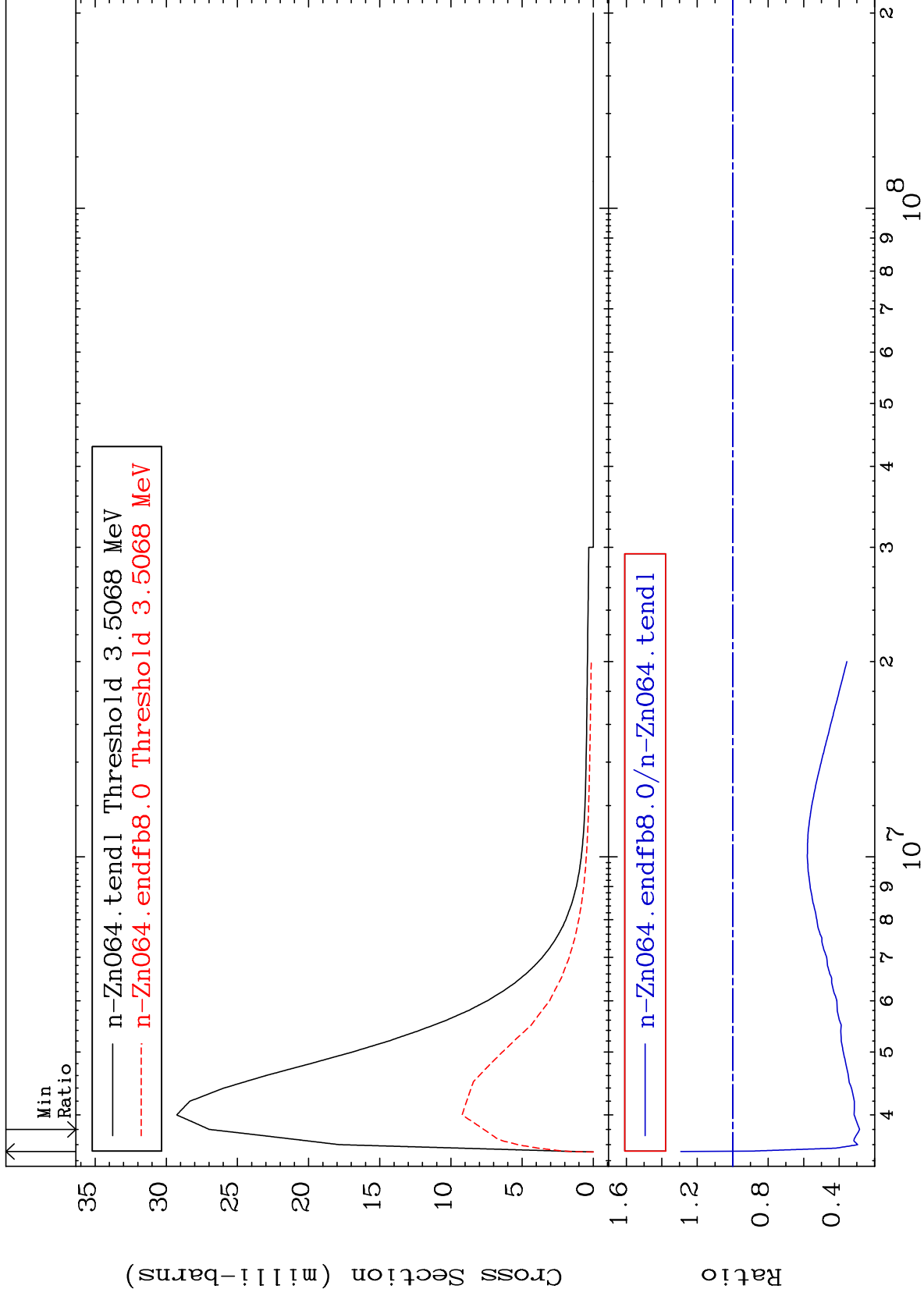
30-Zn-64

30-Zn-64

MAT 3025

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

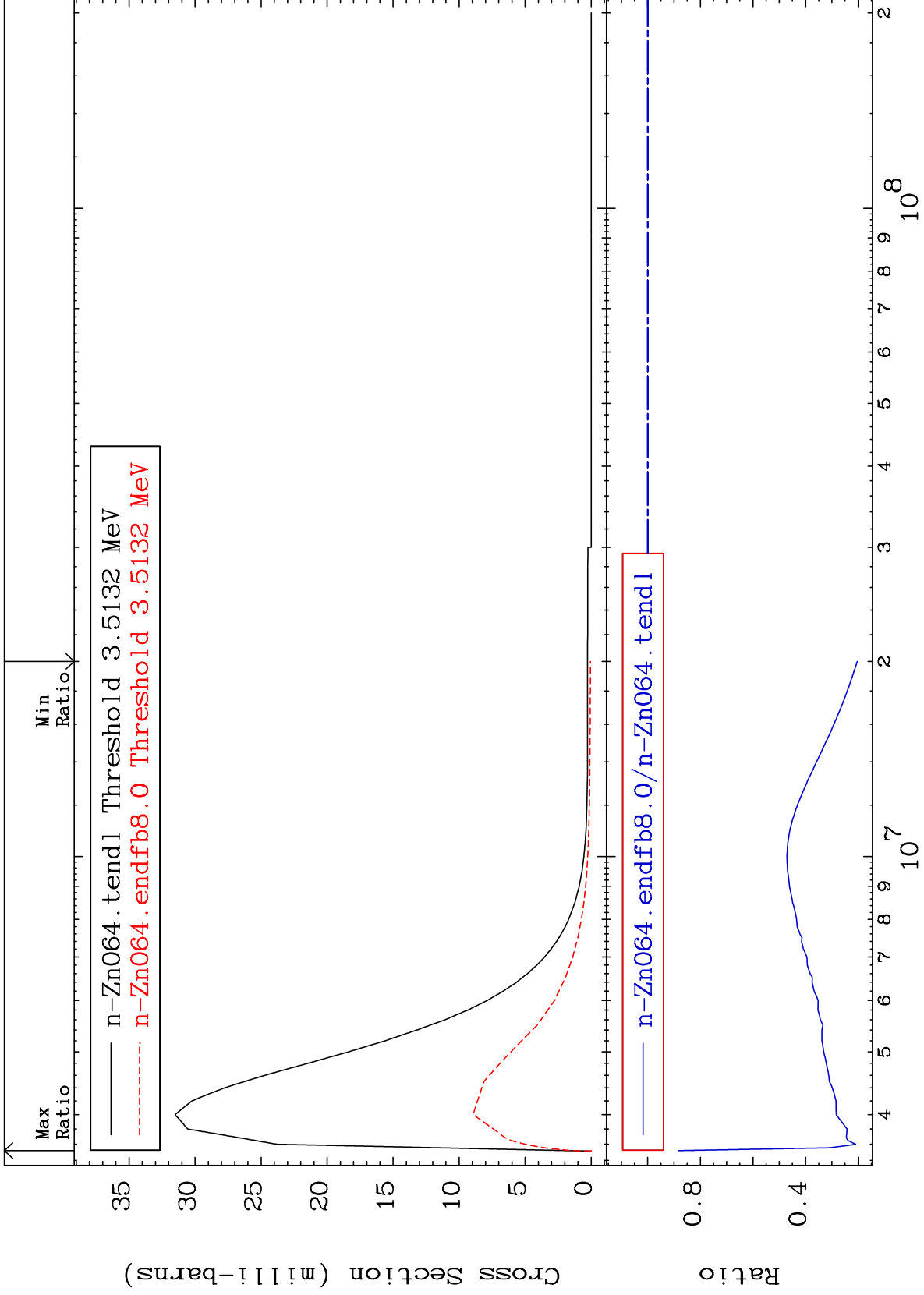
30-Zn-64
-71.51 To 29.31 %



MAT 3025

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

30-Zn-64
-79.63 To -11.75%



37

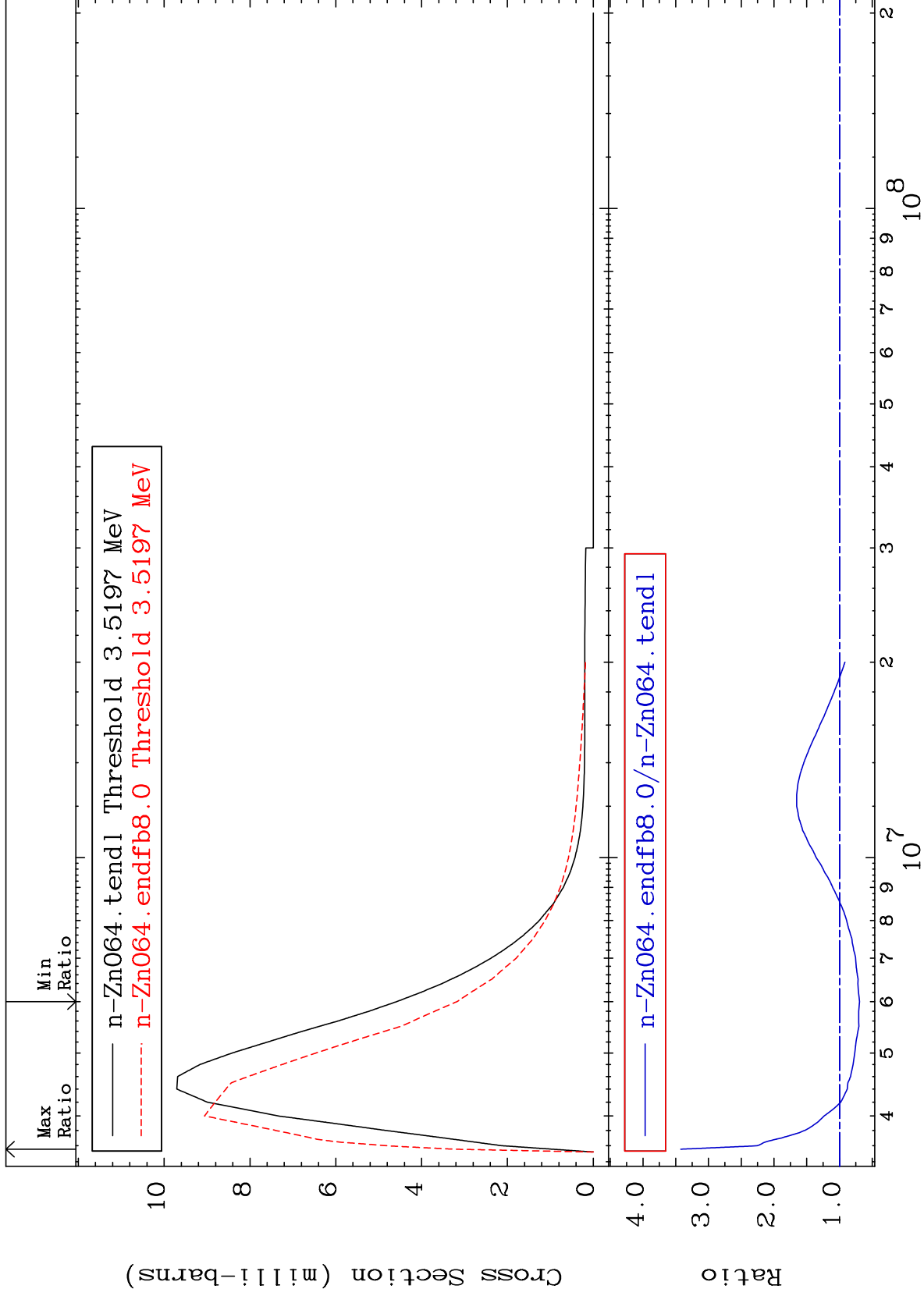
Incident Energy (eV)

30-Zn-64

MAT 3025

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

30-Zn-64
-30.65 To 242.3 %



38

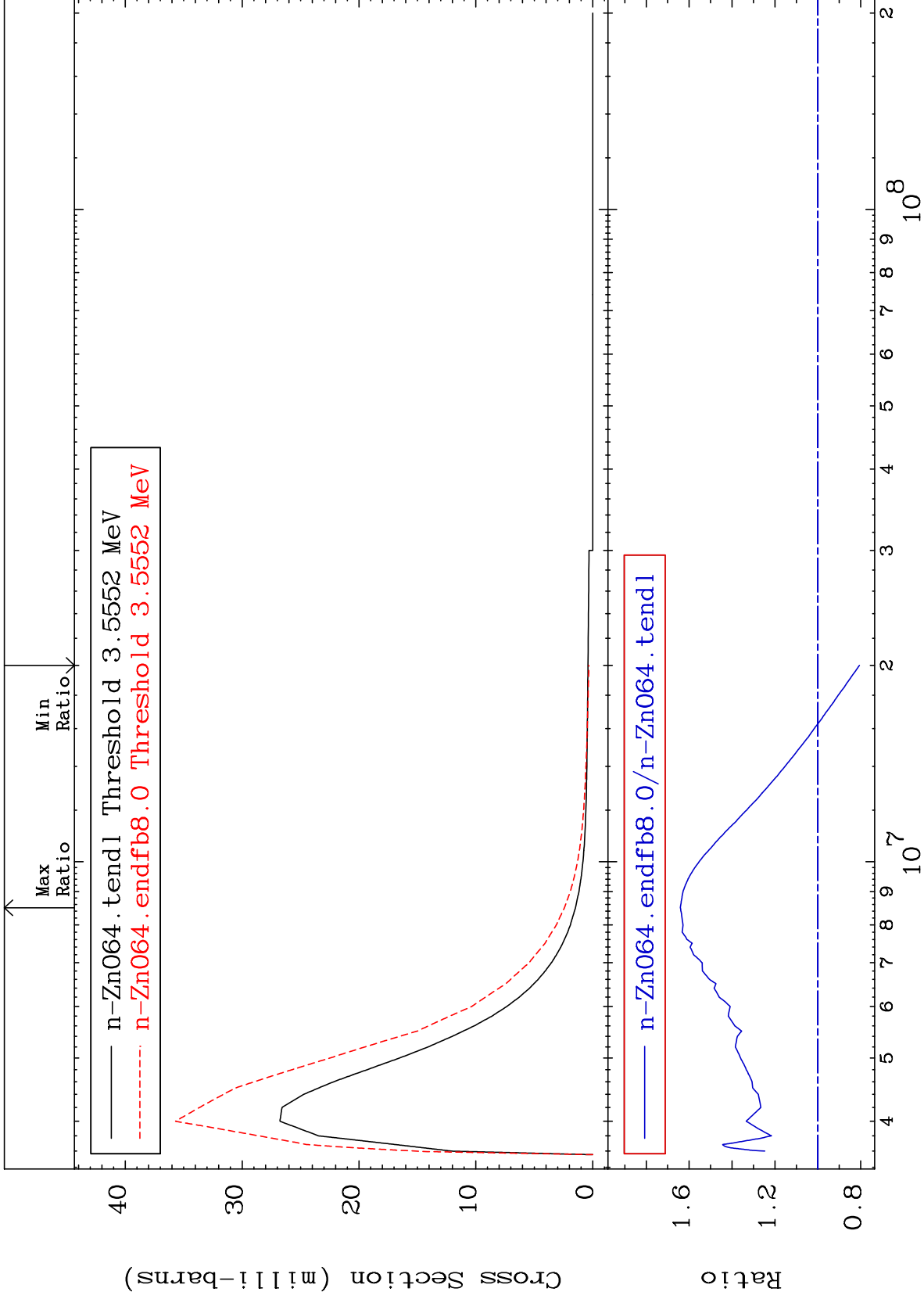
Incident Energy (eV)

30-Zn-64

MAT 3025

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

30-Zn-64
-19.41 To 64.08 %



39

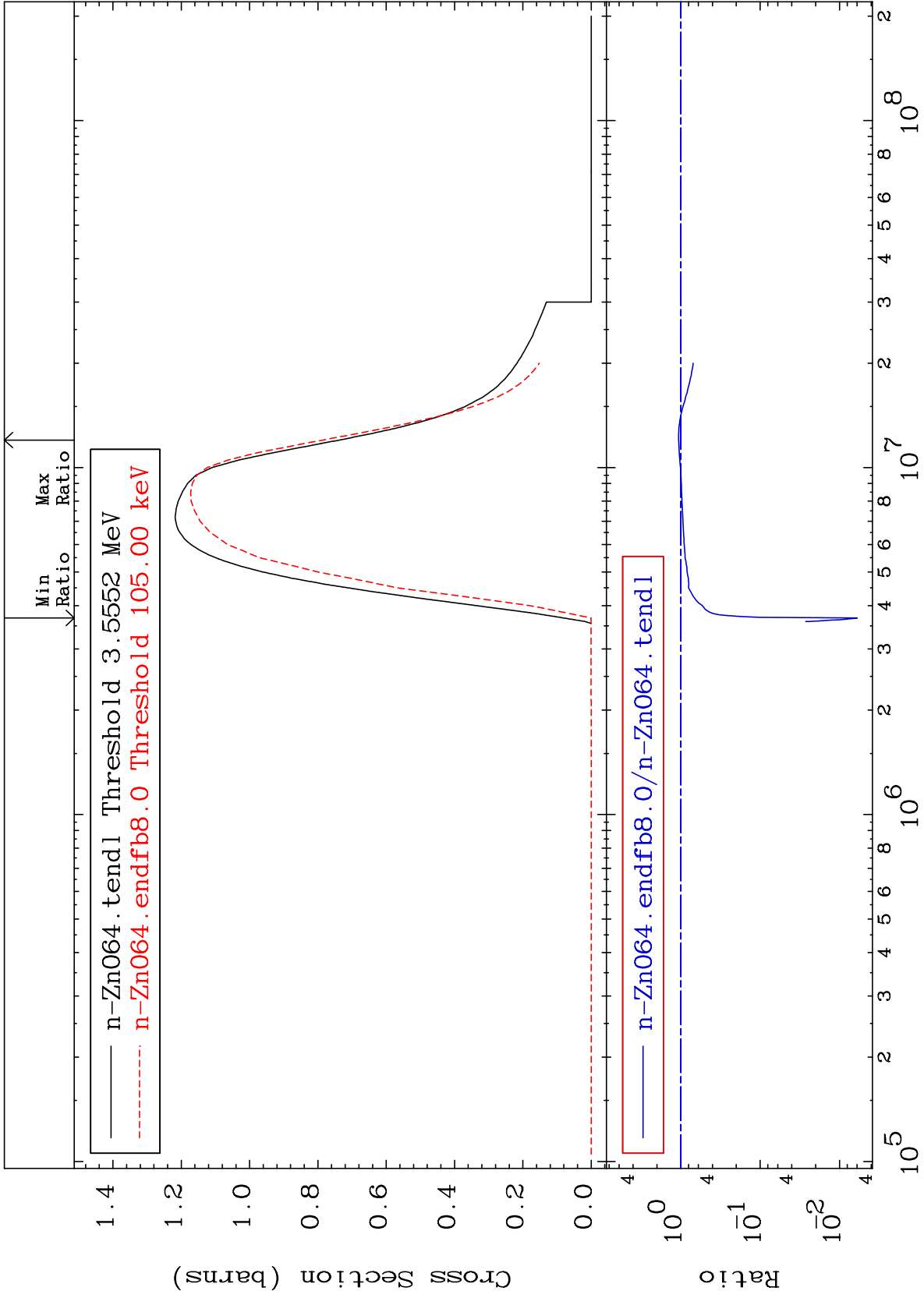
Incident Energy (eV)

30-Zn-64

MAT 3025

(n, n') Continuum
Cross Section

30-Zn-64
-99.40 To 6.615 %



40

Incident Energy (eV)

30-Zn-64

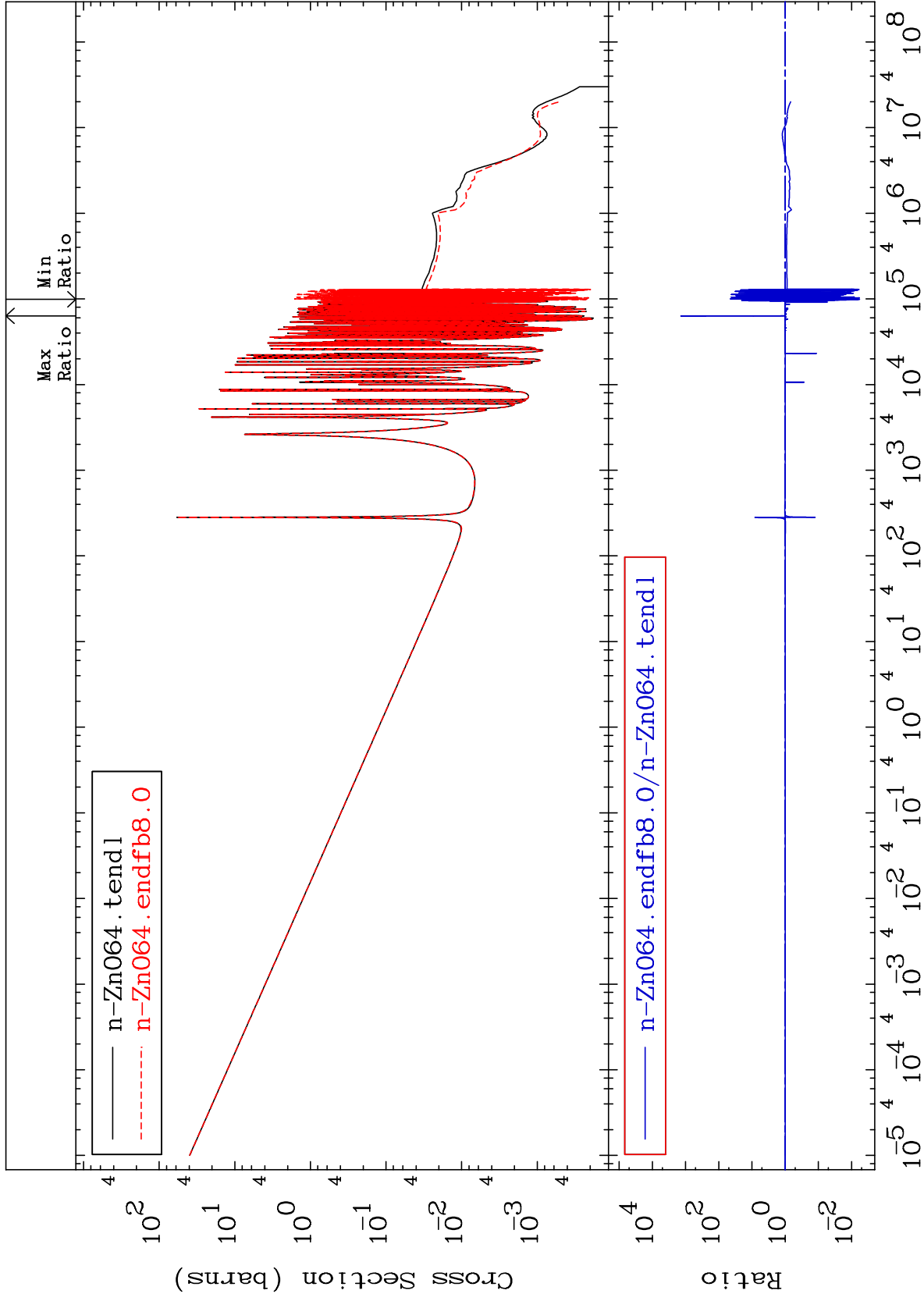
MAT 3025

(n, γ)

30-Zn-64

Cross Section

-99.42 To 9999. %



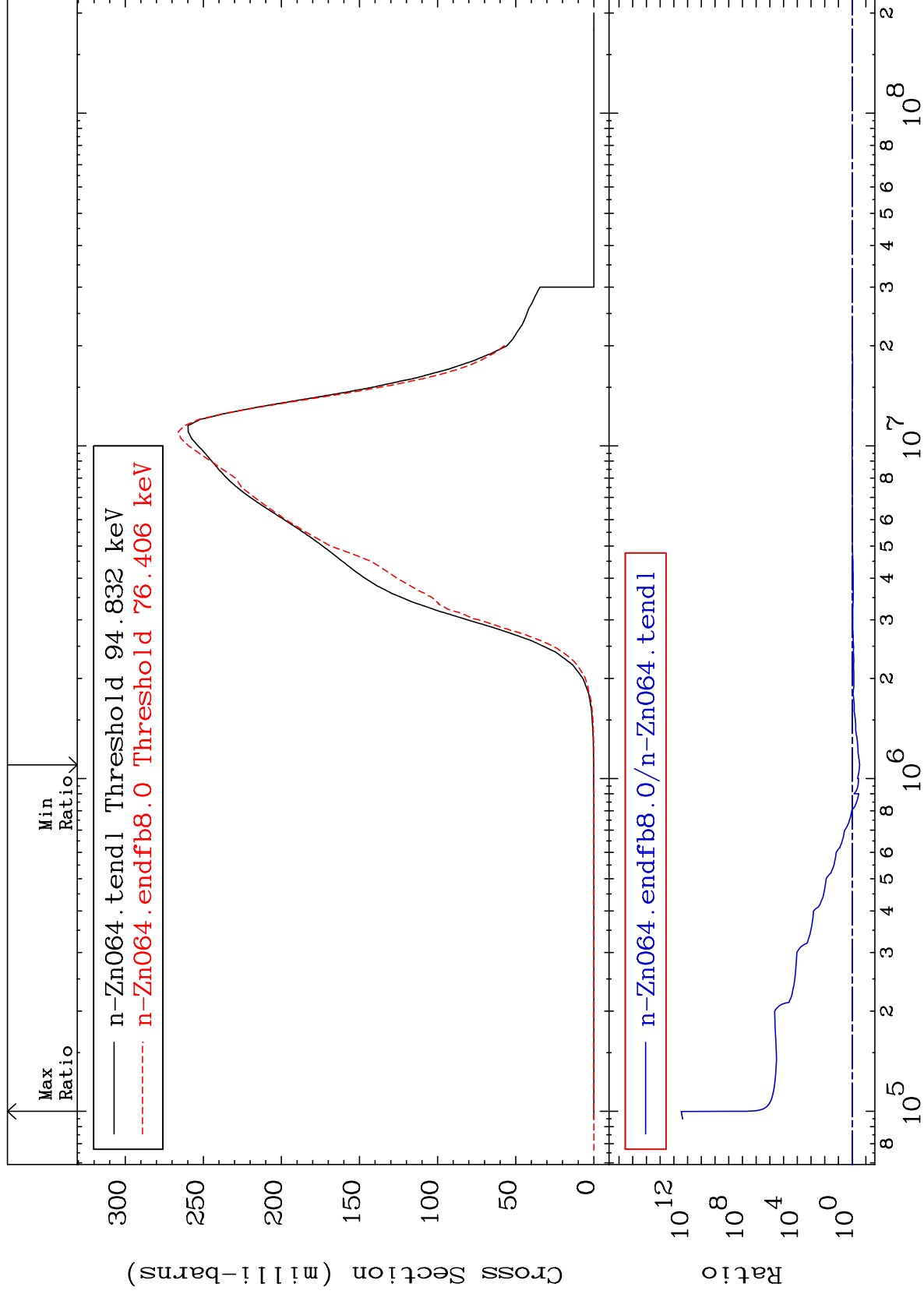
MAT 3025

(n,p)

30-Zn-64

Cross Section

-71.15 To 9999. %



42

30-Zn-64

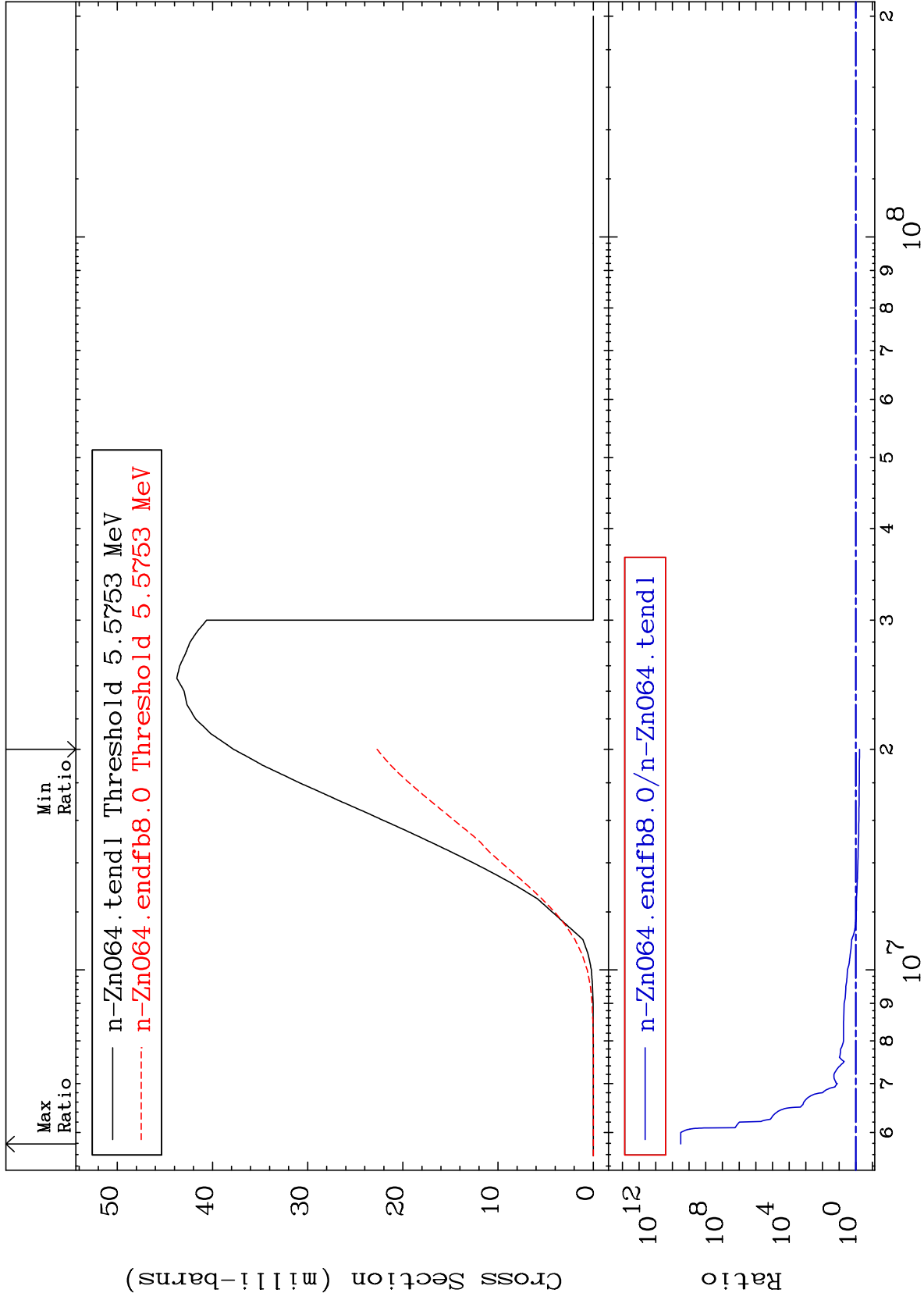
MAT 3025

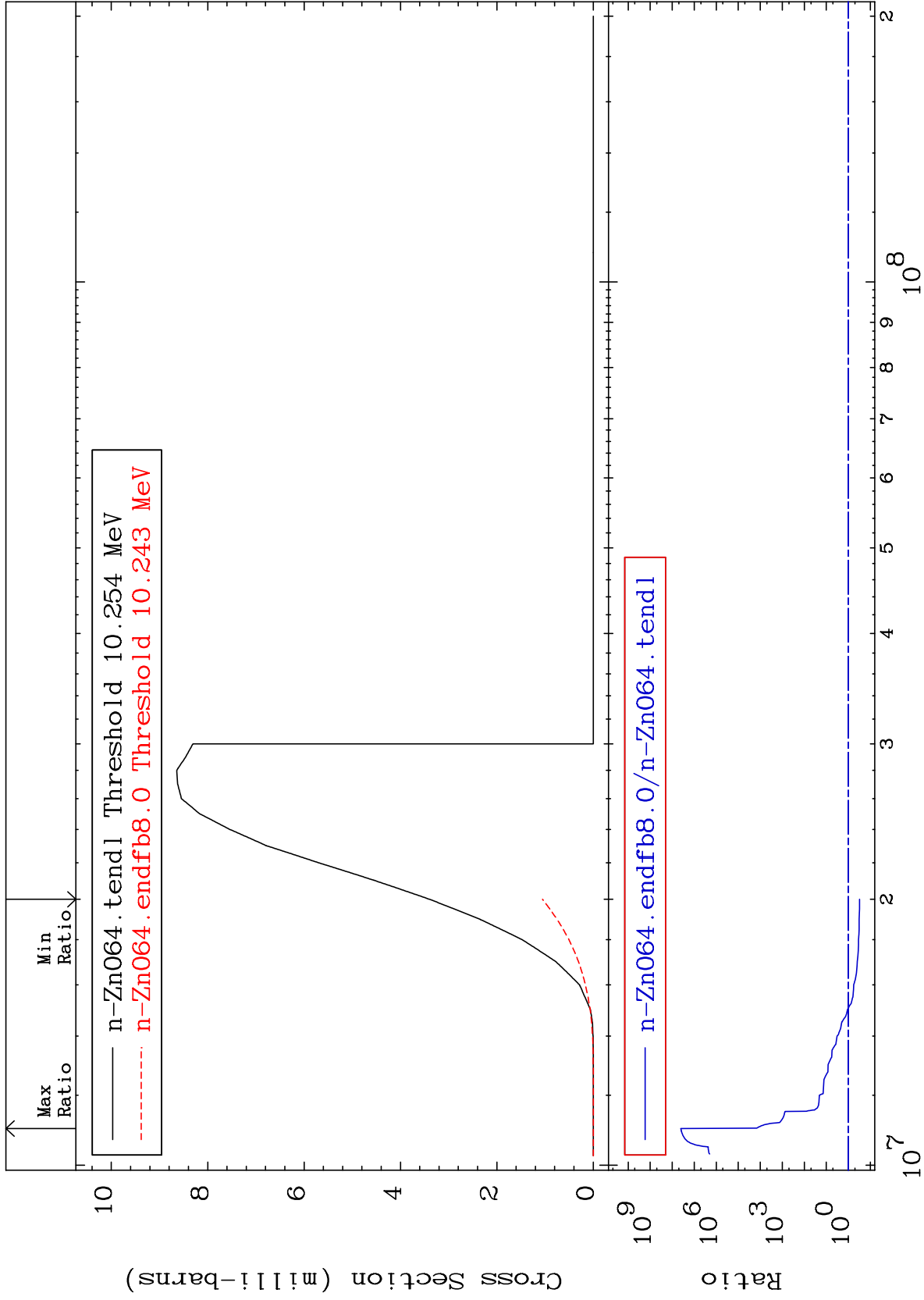
(n, d)

30-Zn-64

Cross Section

-39.88 To 9999. %





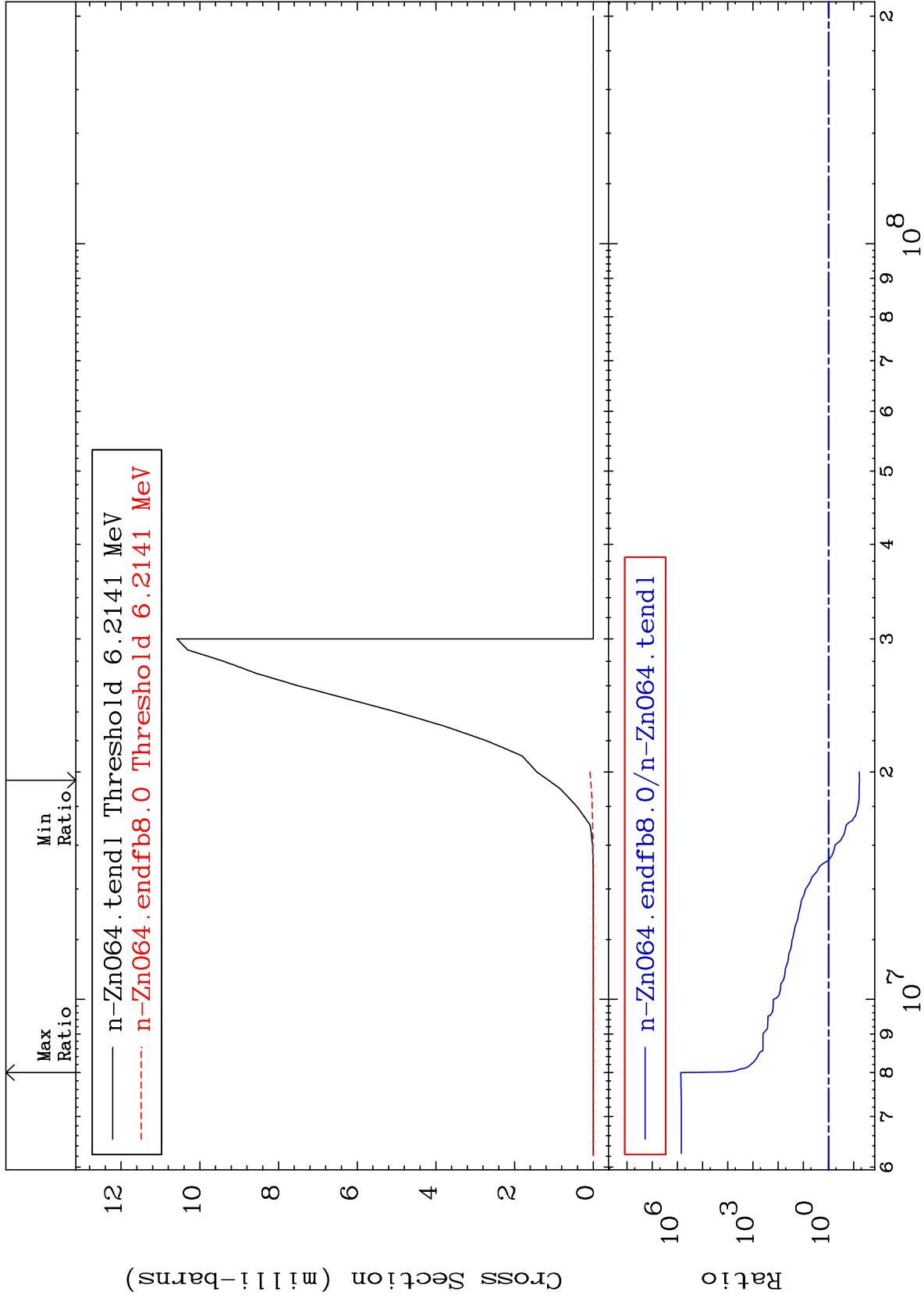
MAT 3025

(n, He-3)

30-Zn-64

Cross Section

-94.18 To 9999. %



45

Incident Energy (eV)

30-Zn-64

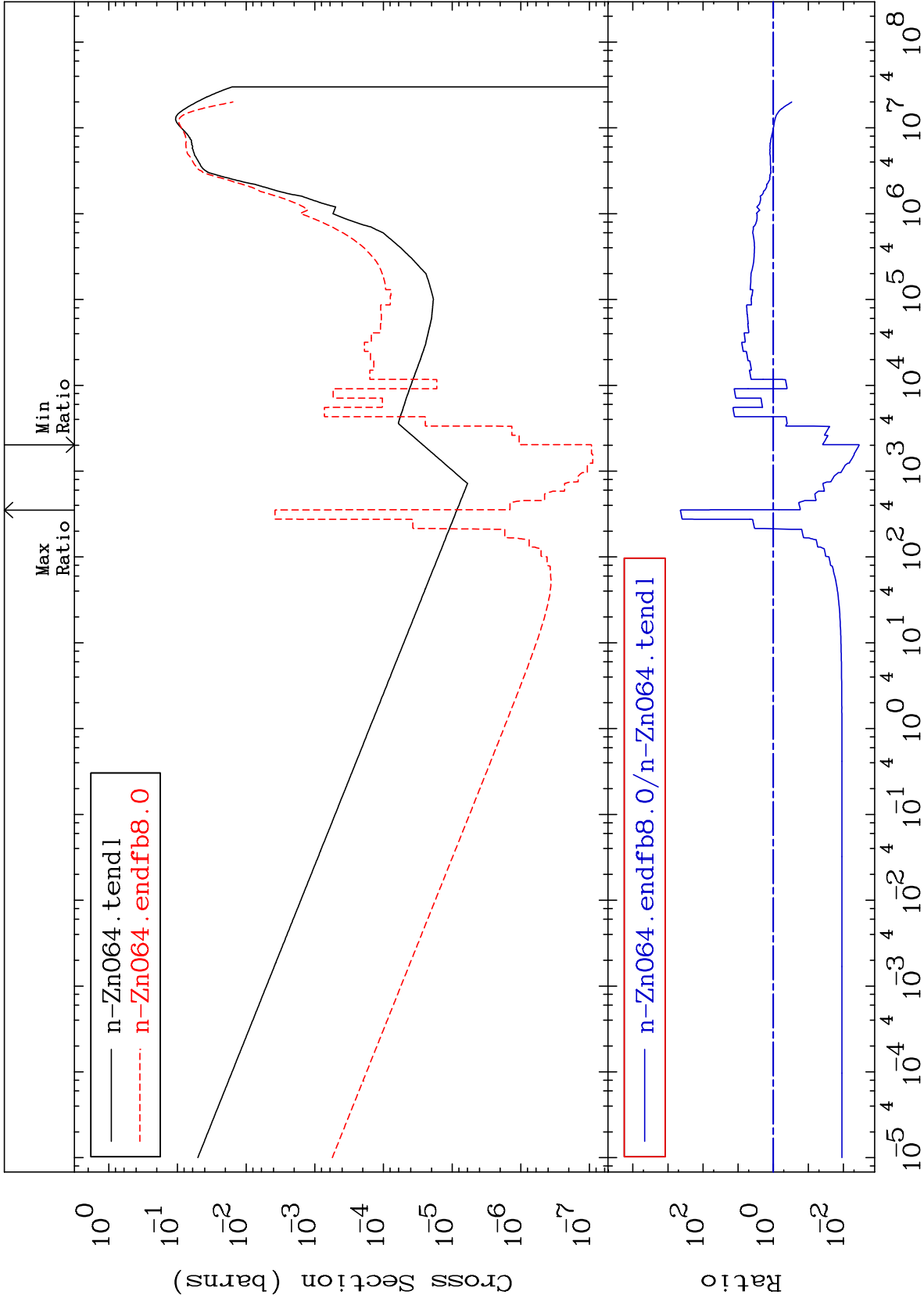
MAT 3025

(n, α)

30-Zn-64

Cross Section

-99.65 To 9999. %



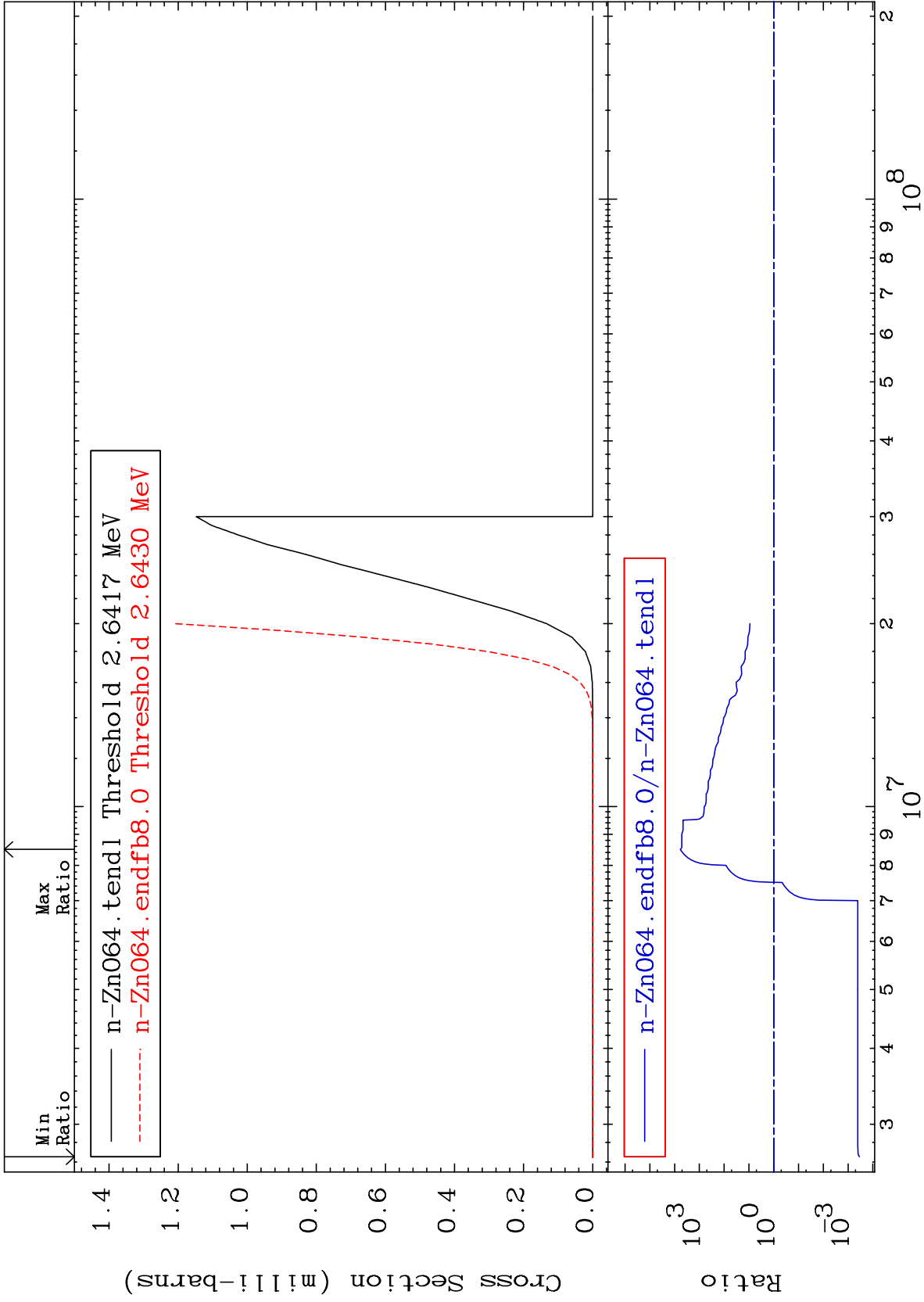
MAT 3025

(n,2α)

30-Zn-64

Cross Section

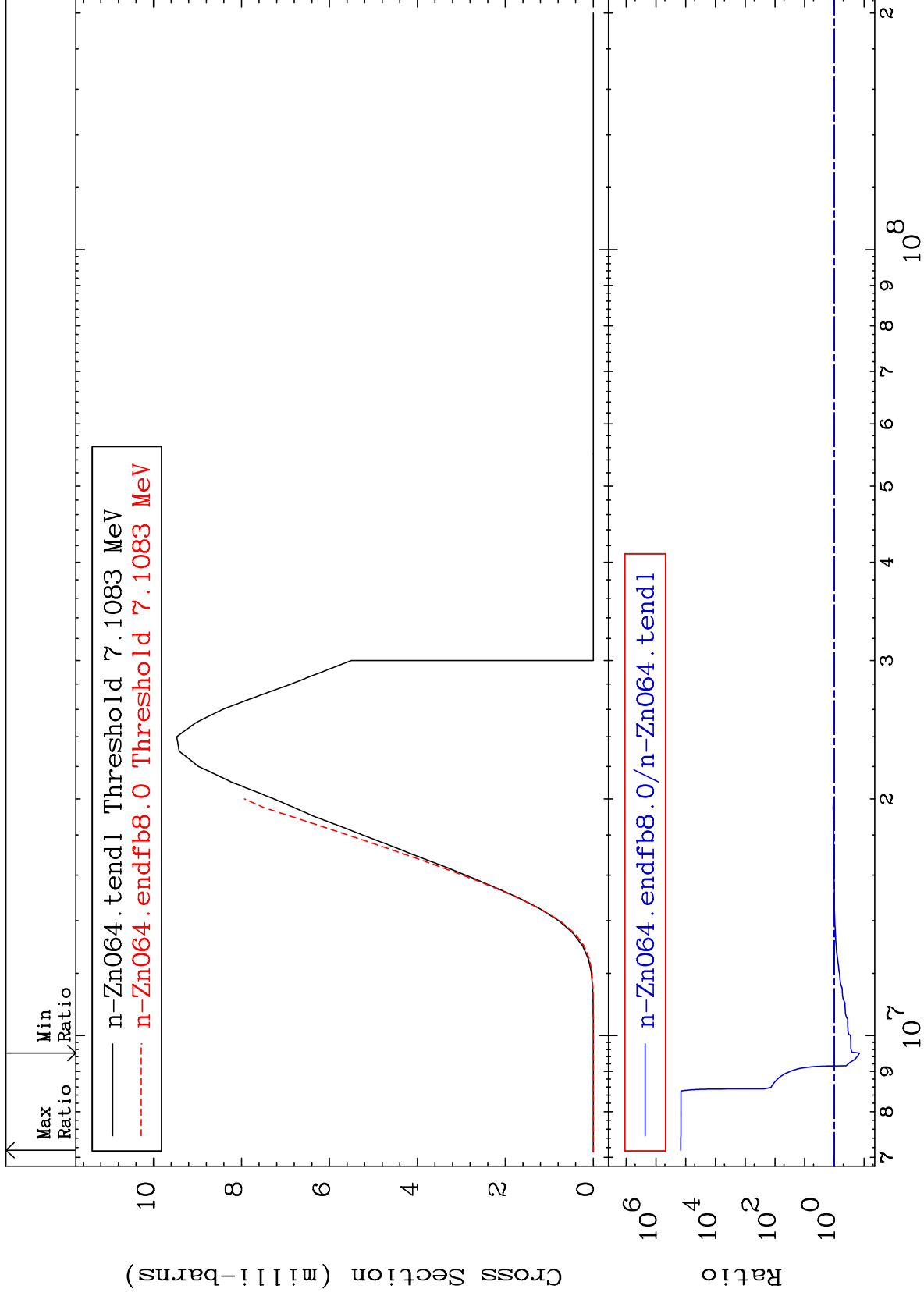
-99.97 To 9999. %



MAT 3025

(n,2p)
Cross Section

30-Zn-64
-85.70 To 9999. %



48

Incident Energy (eV)

30-Zn-64

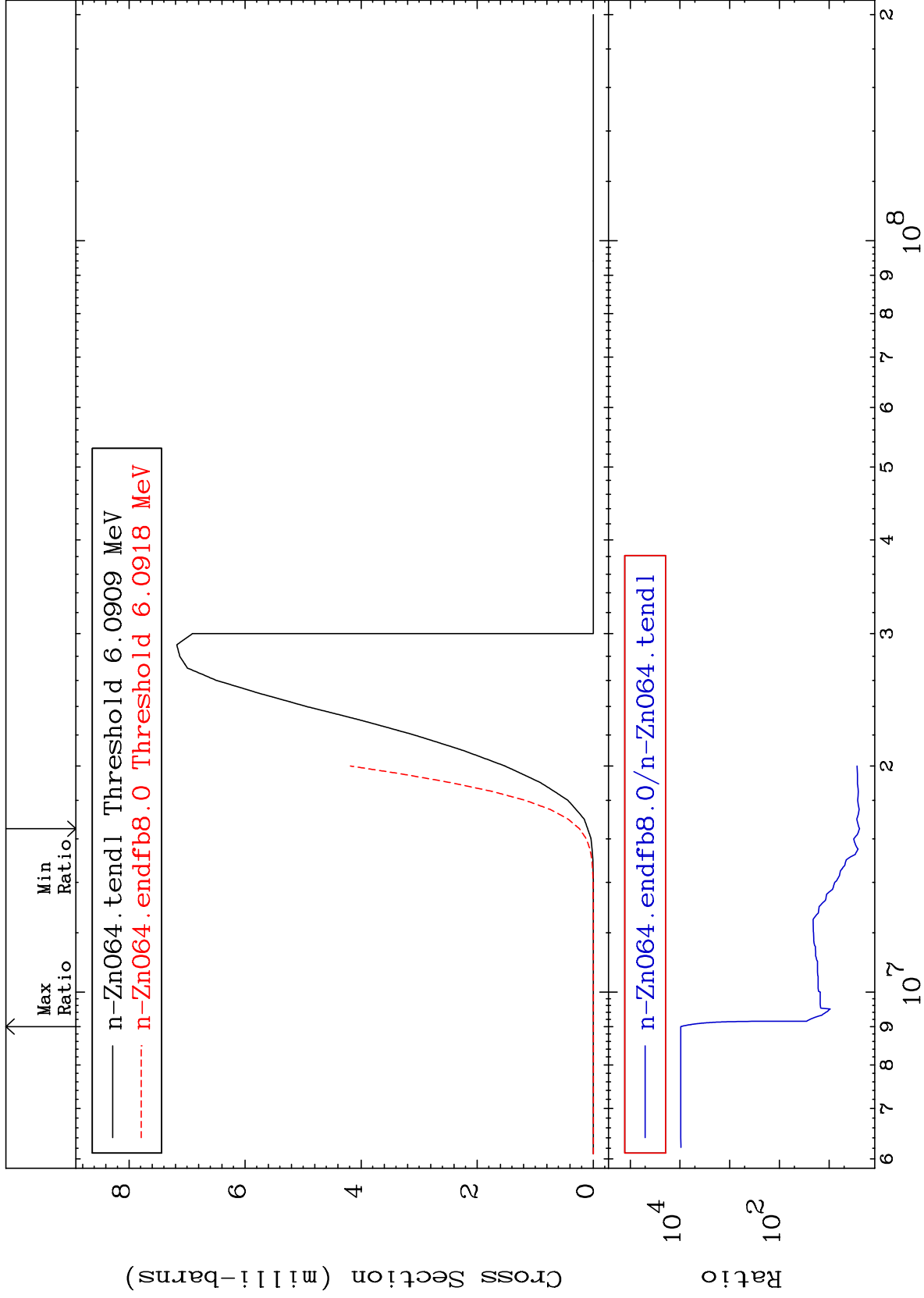
MAT 3025

(n,p) α

30-Zn-64

Cross Section

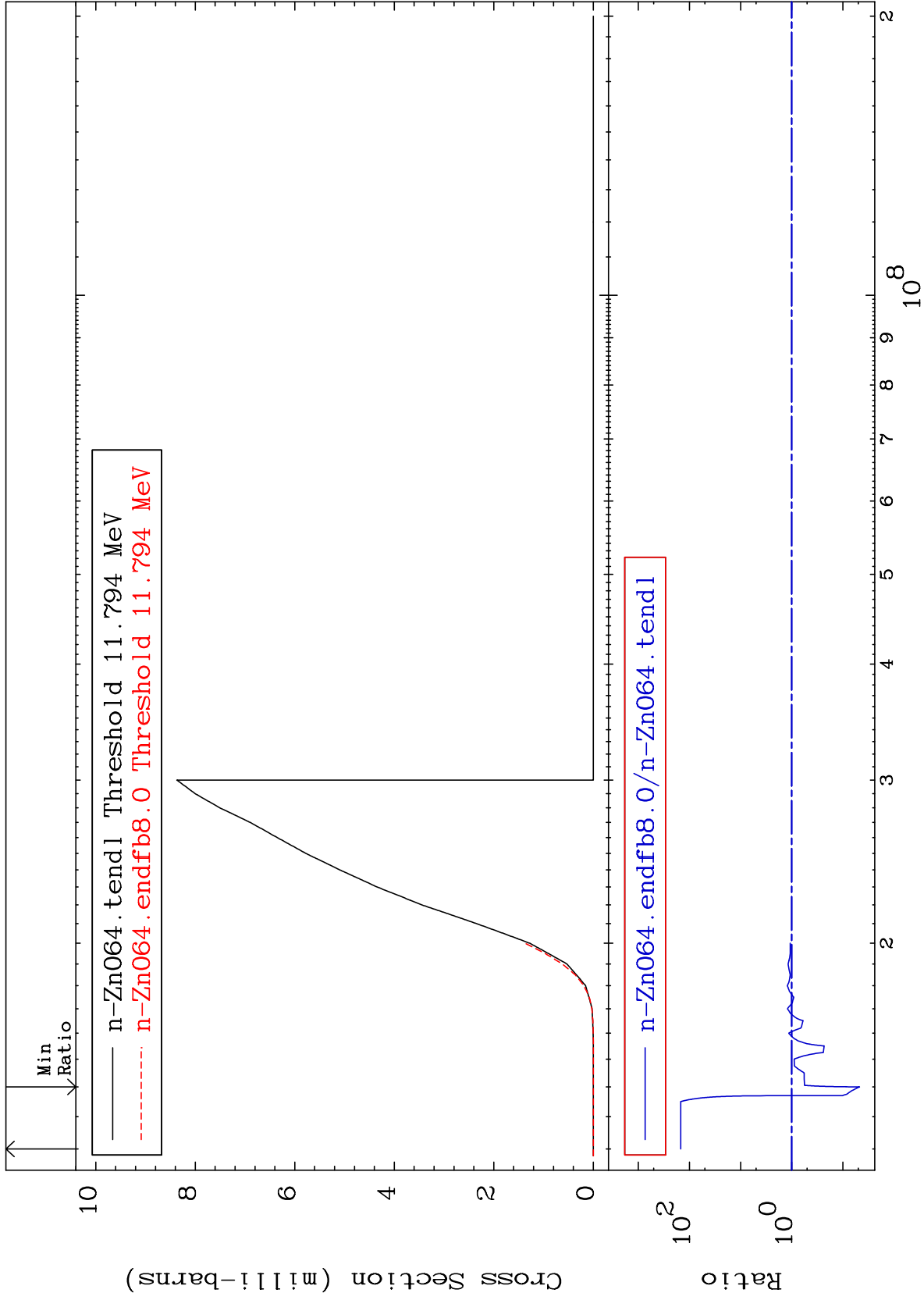
145.0 To 9999. %



MAT 3025

(n,p) d
Cross Section

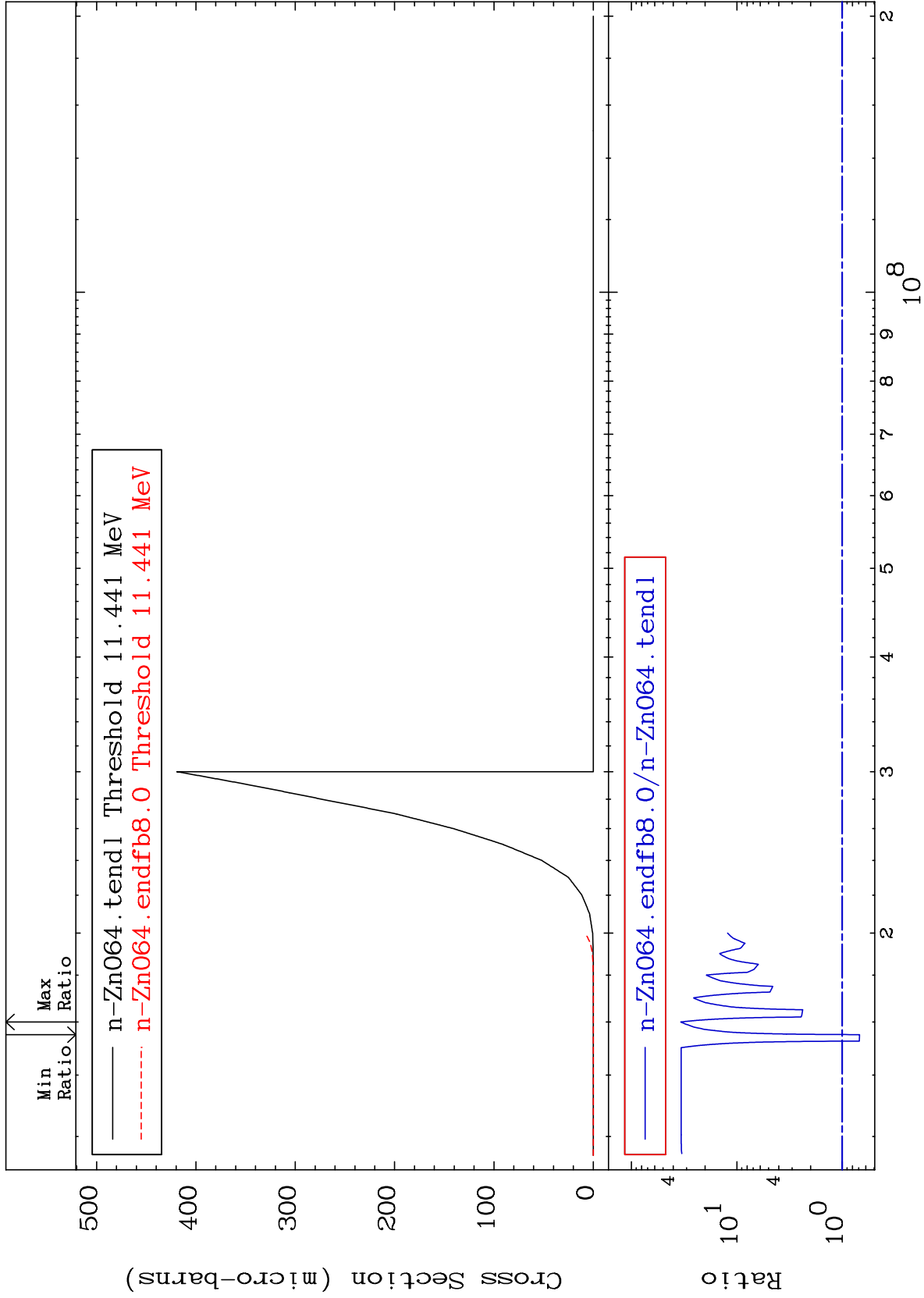
30-Zn-64
-95.27 To 9999. %

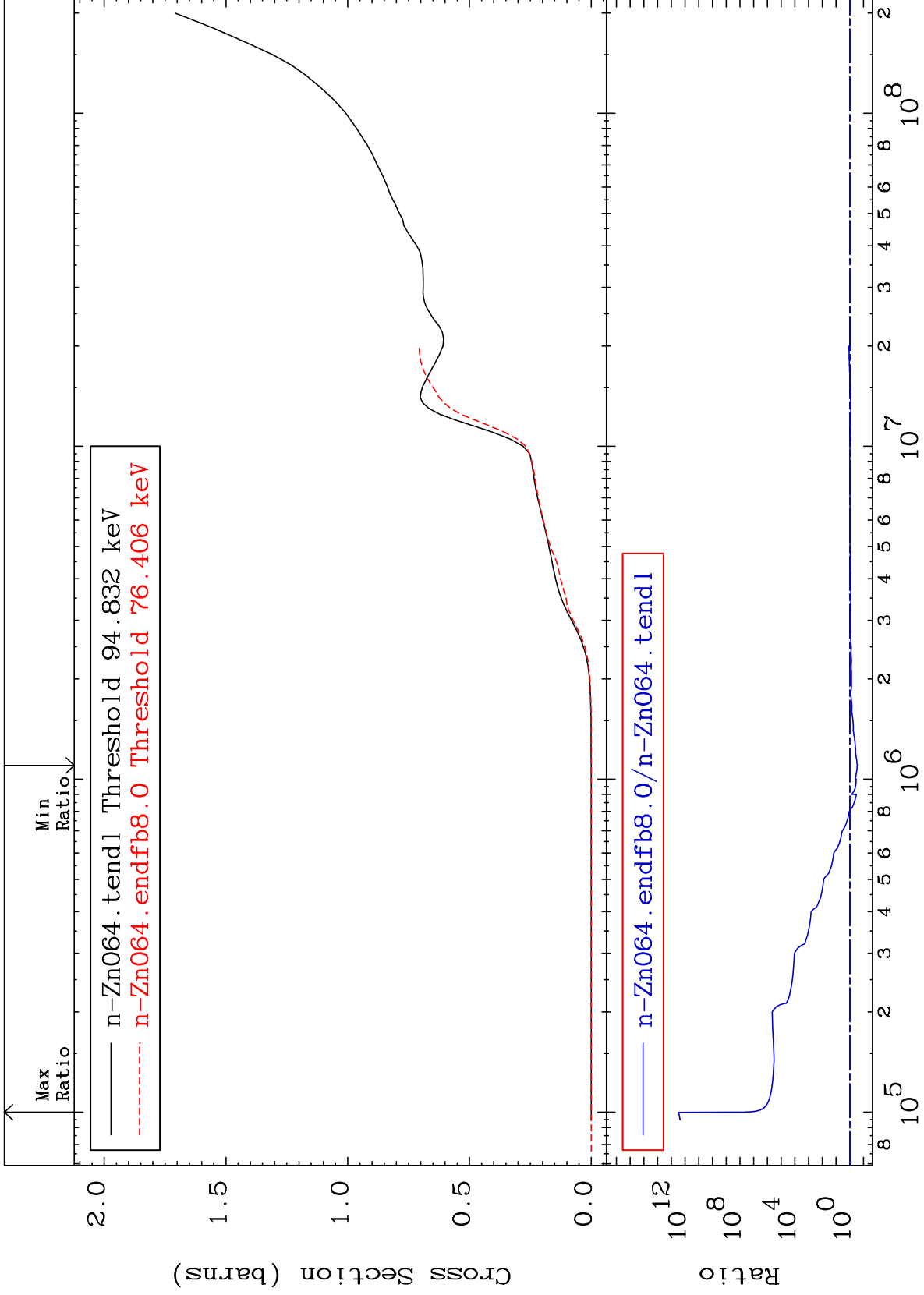


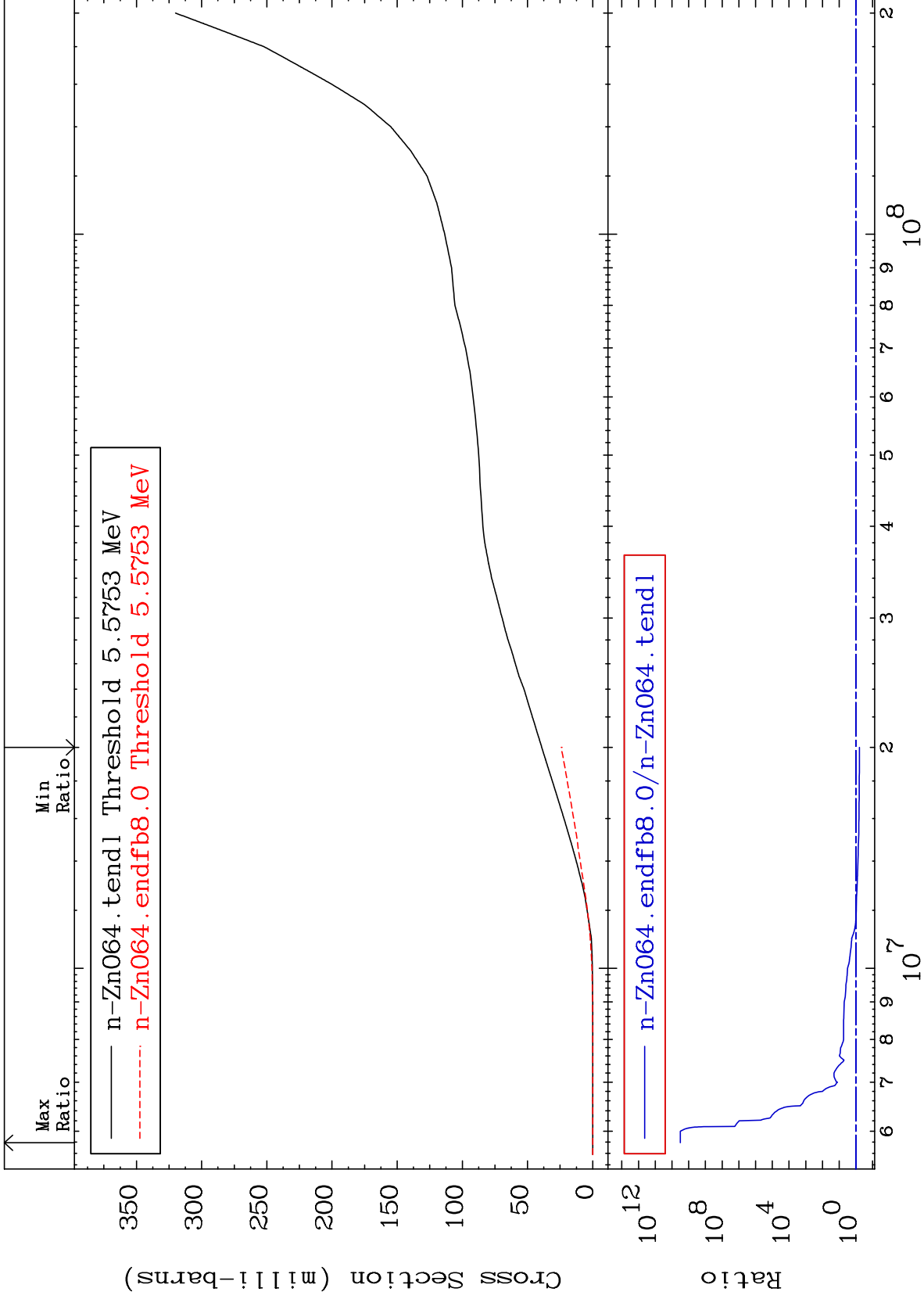
50

Incident Energy (eV)

30-Zn-64



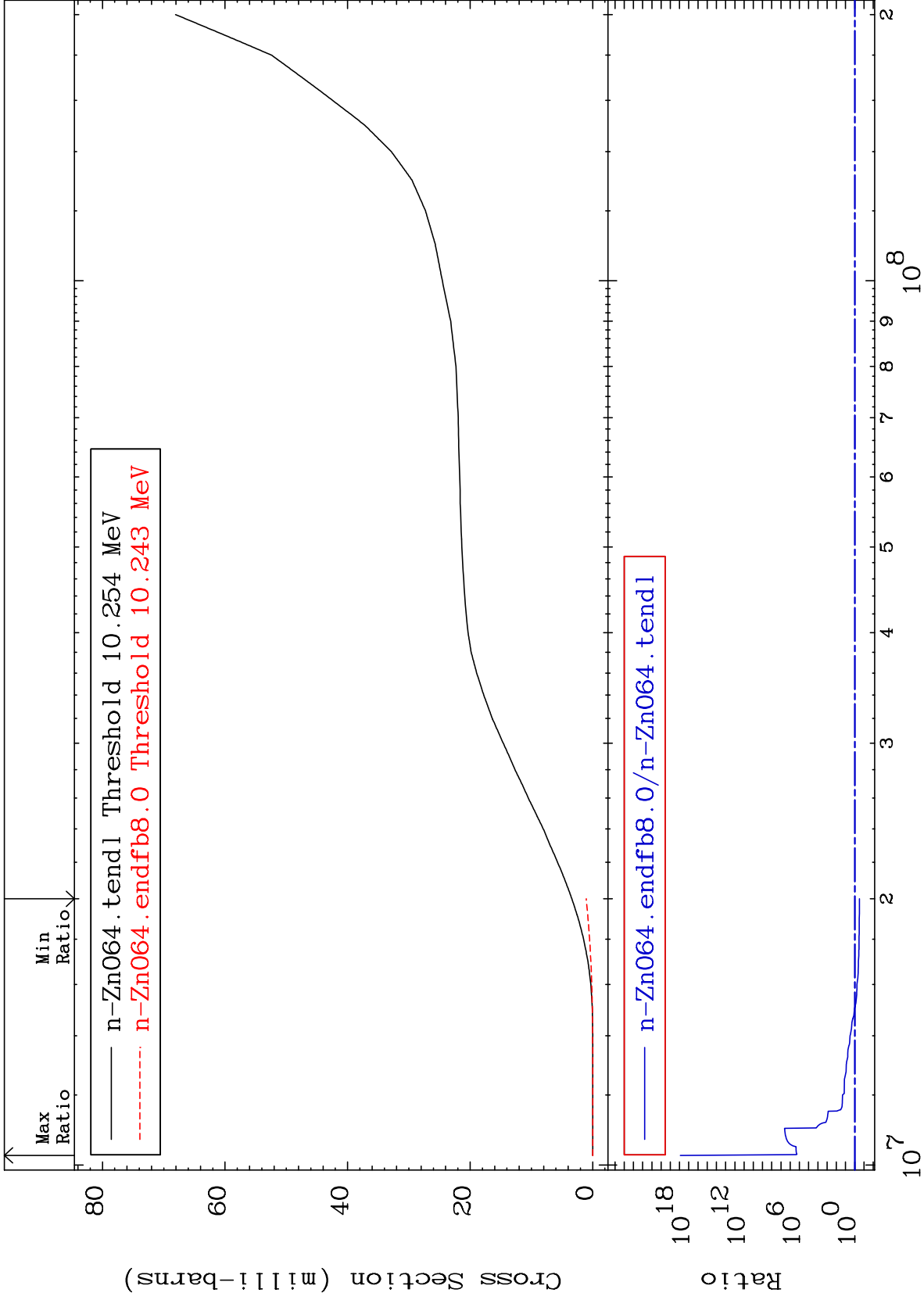




MAT 3025

Tritium Production
Cross Section

30-Zn-64
-69.00 To 9999. %



54

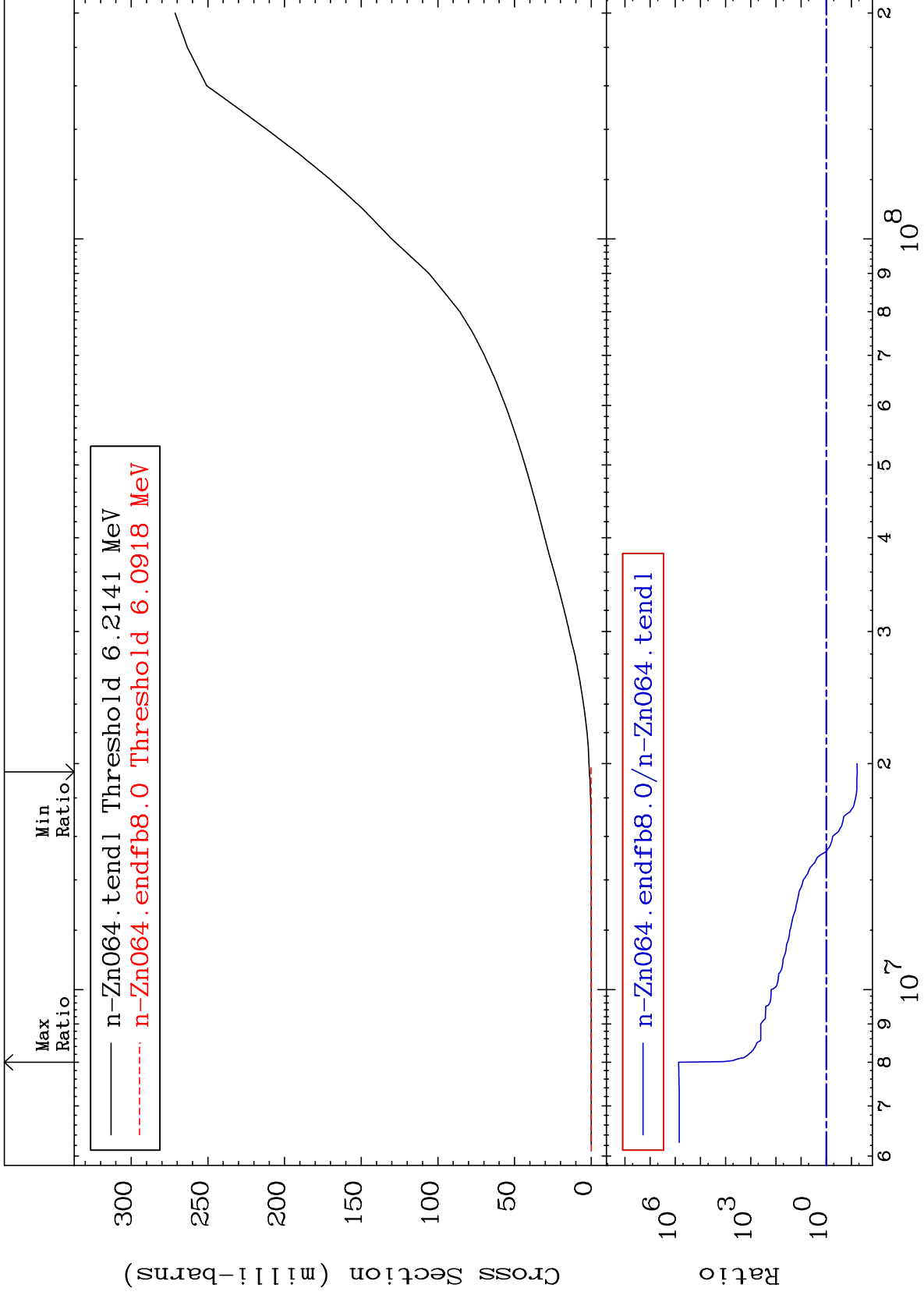
Incident Energy (eV)

30-Zn-64

MAT 3025

He-3 Production
Cross Section

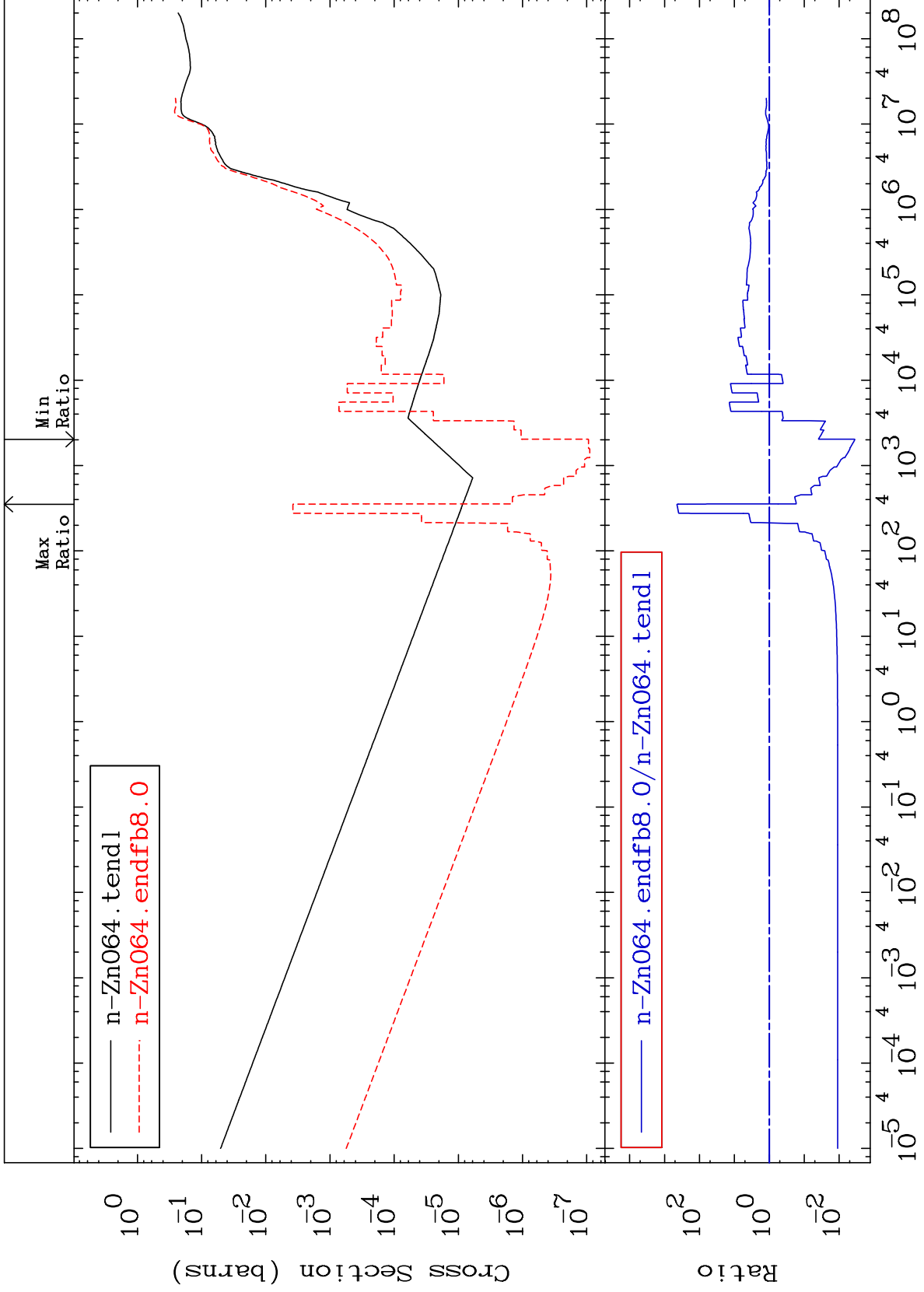
30-Zn-64
-94.18 To 9999. %

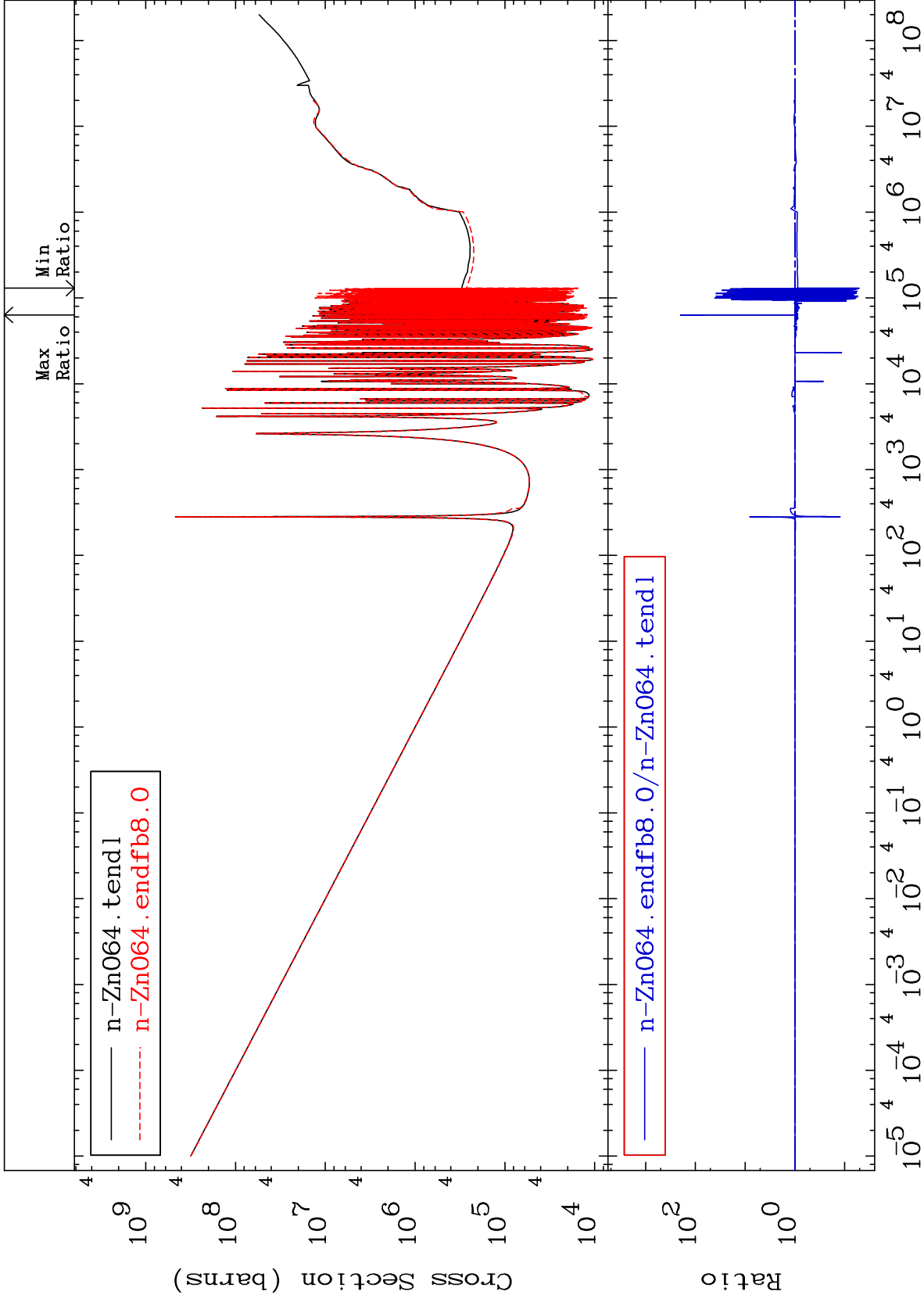


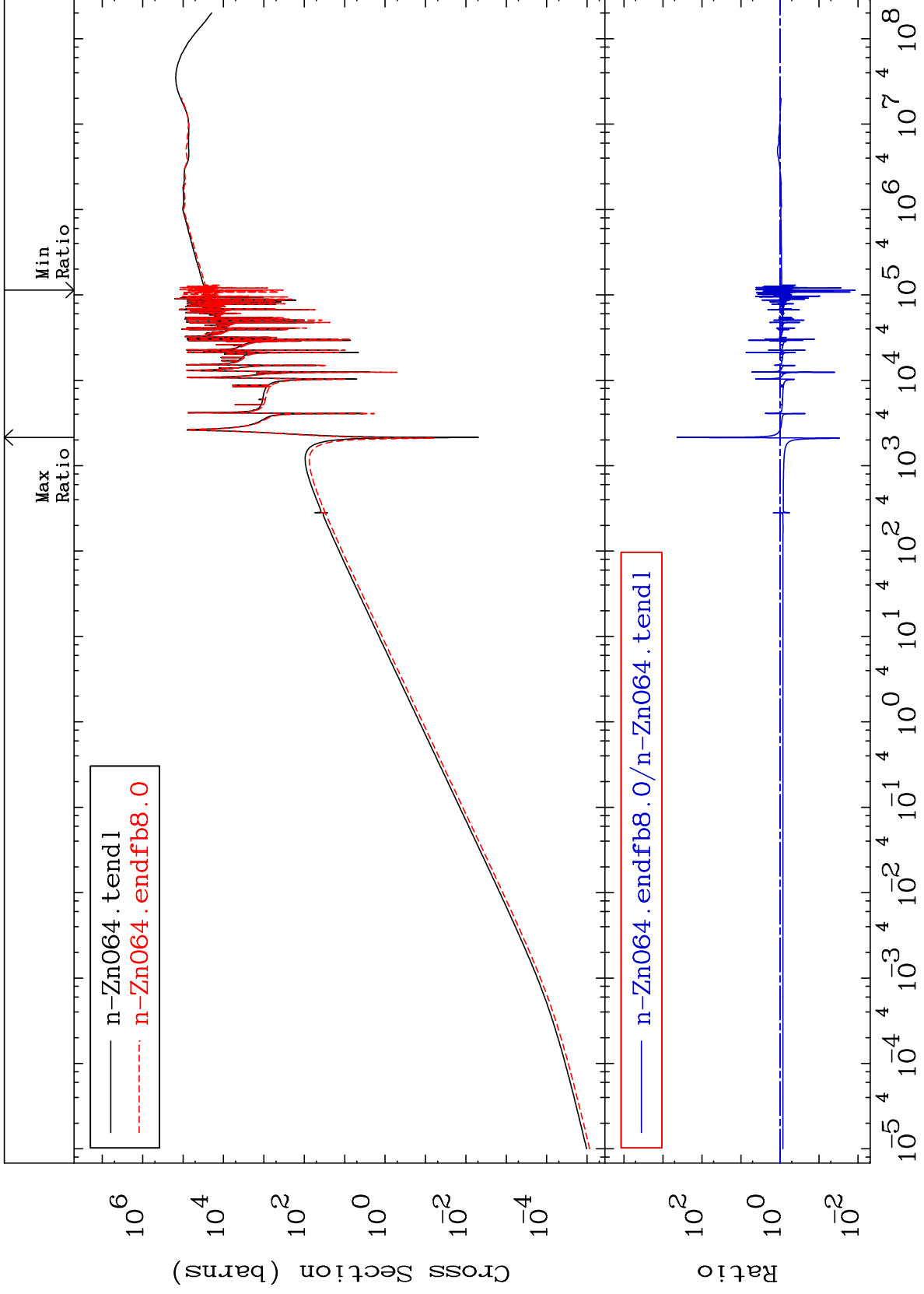
55

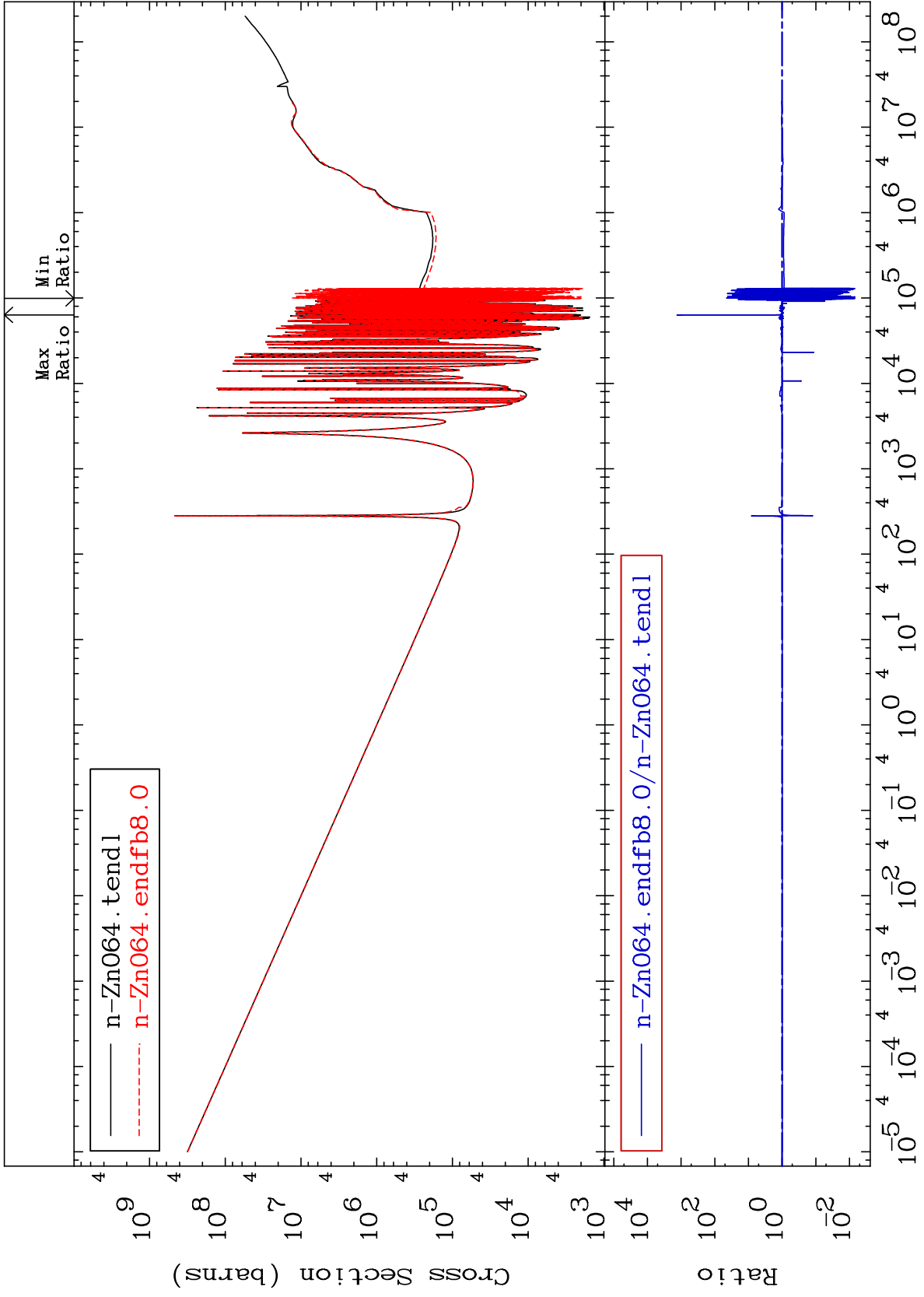
Incident Energy (eV)

30-Zn-64





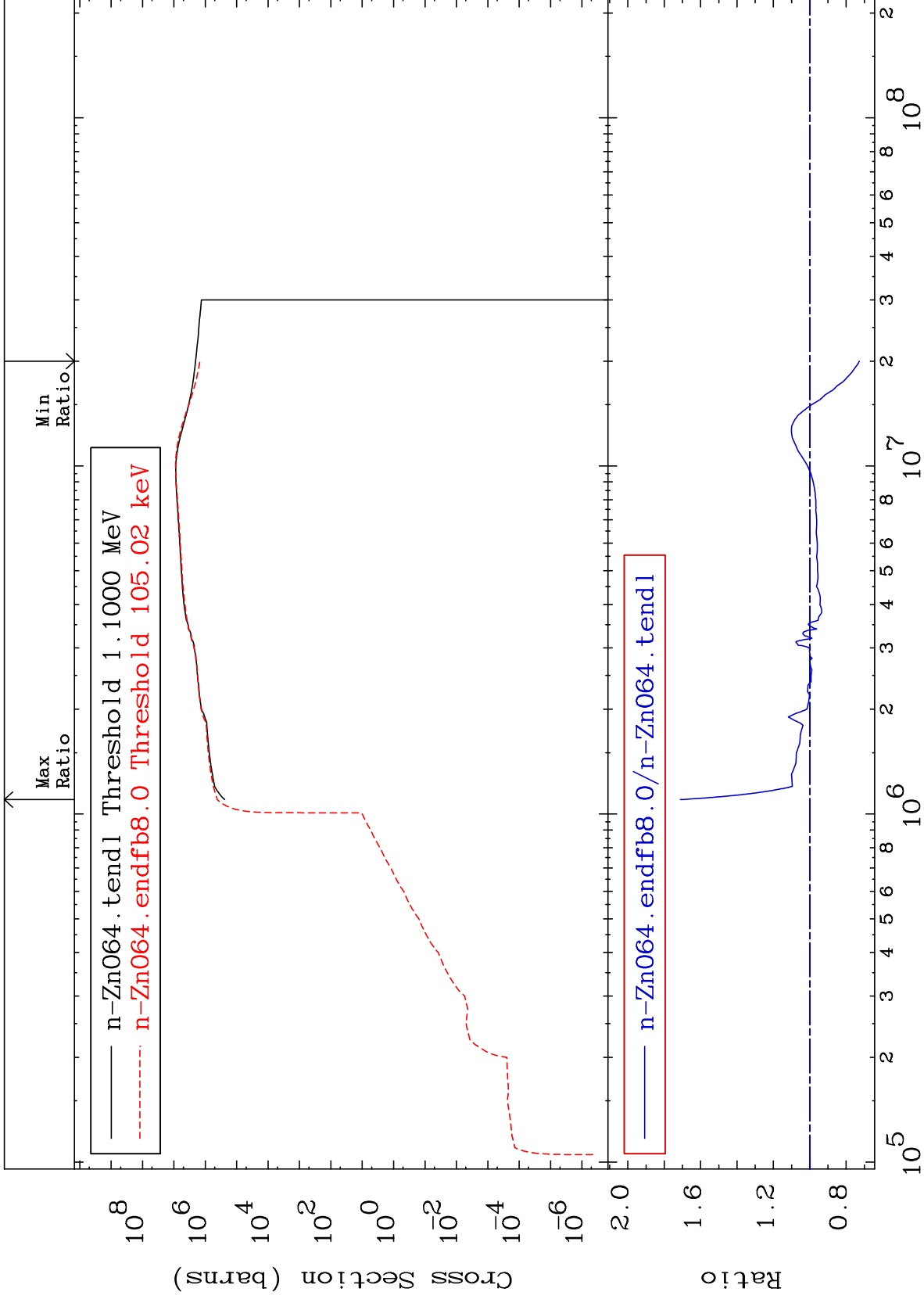




MAT 3025

Kerma inelastic (mt51-91)
Cross Section

30-Zn-64
-27.30 To 71.14 %



60

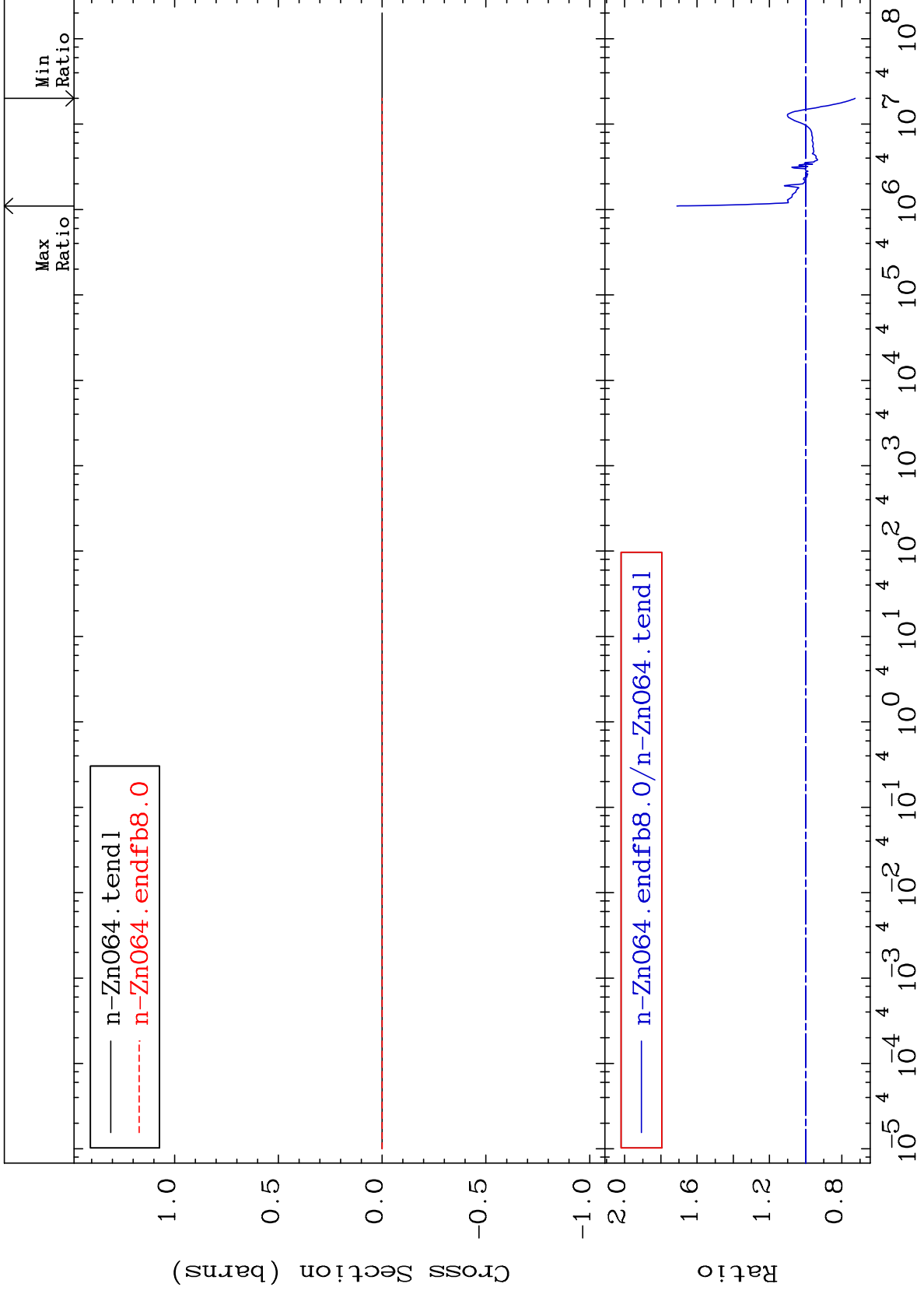
Incident Energy (eV)

30-Zn-64

MAT 3025

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

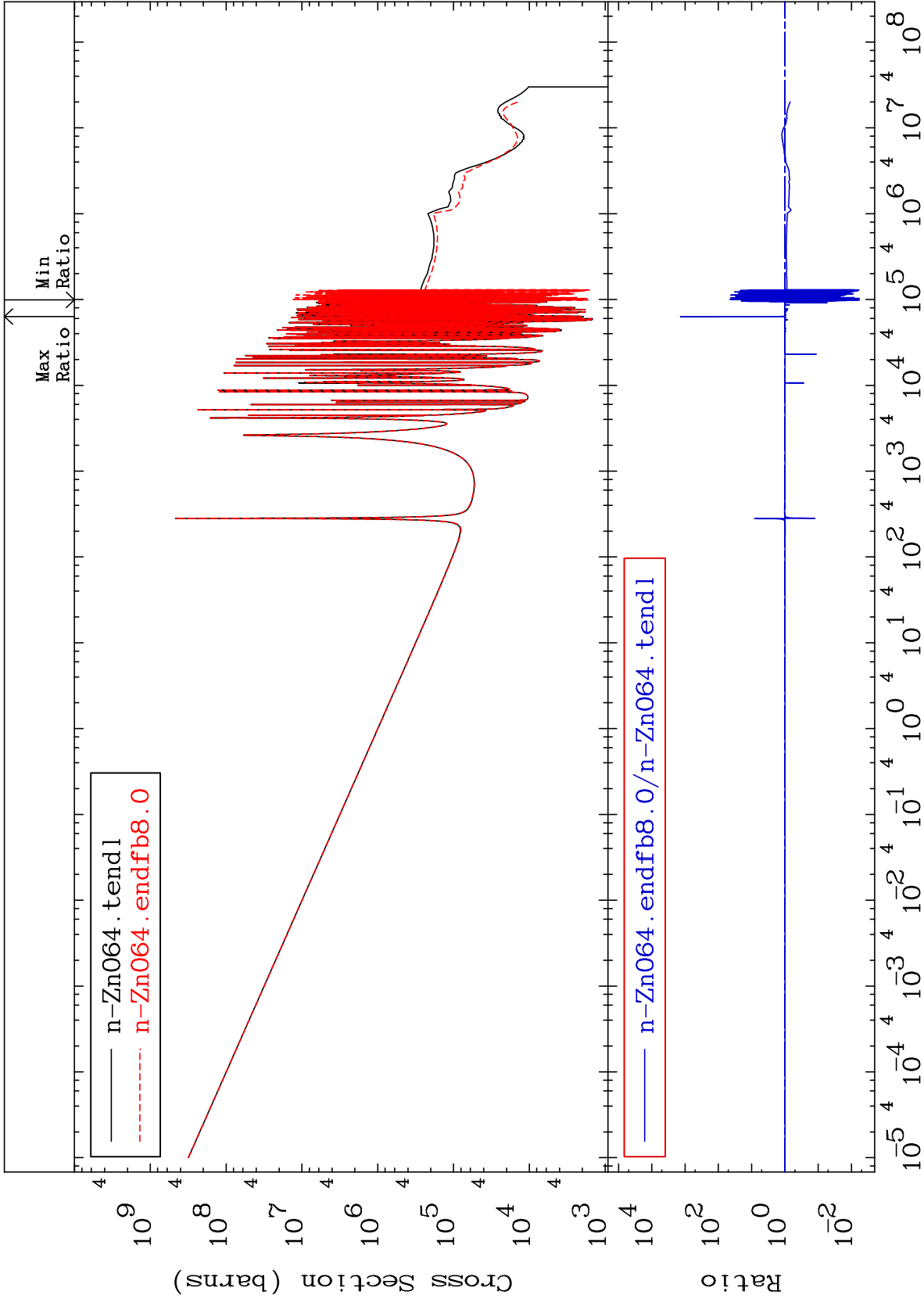
30-Zn-64
-27.30 To 71.14 %

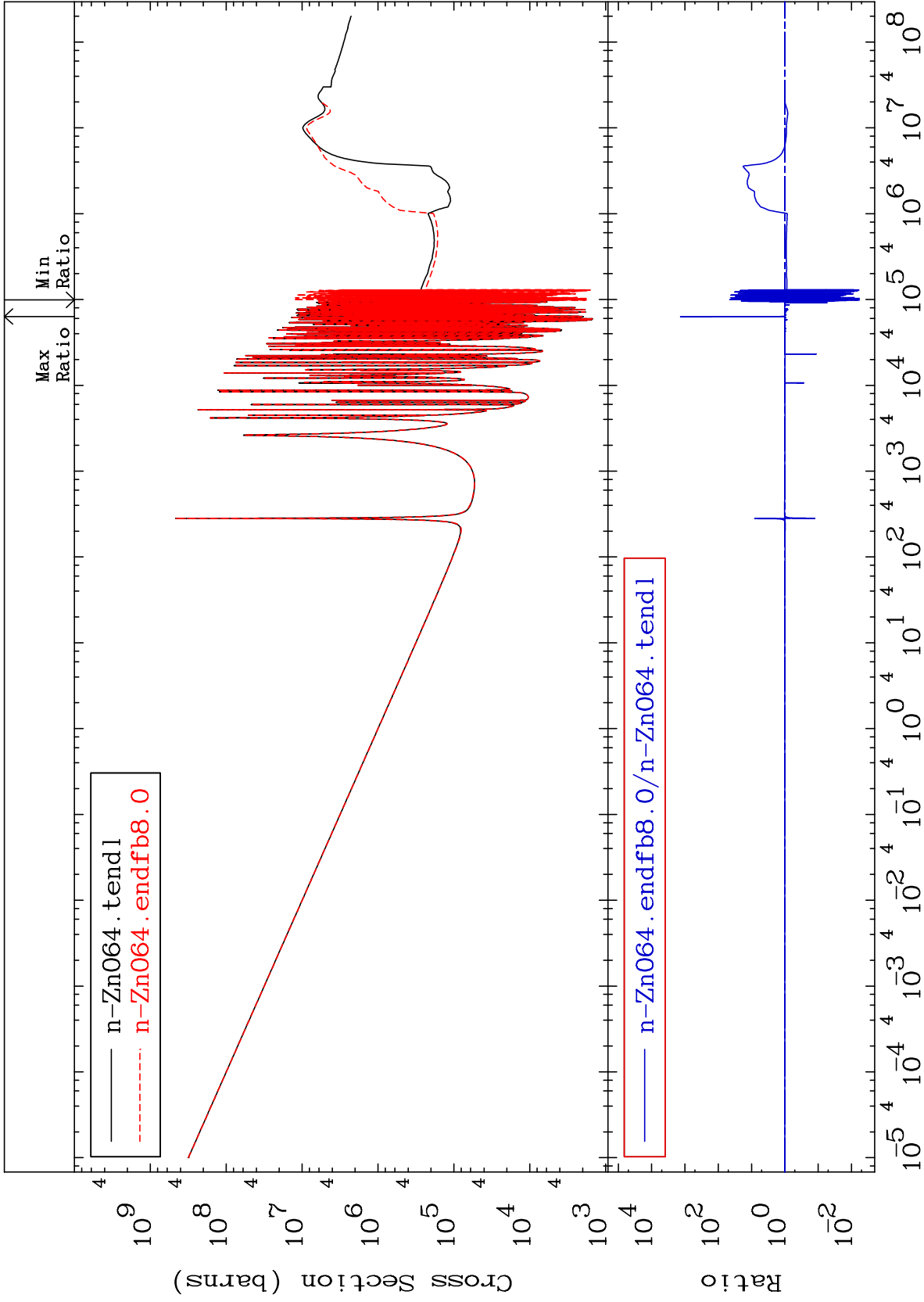


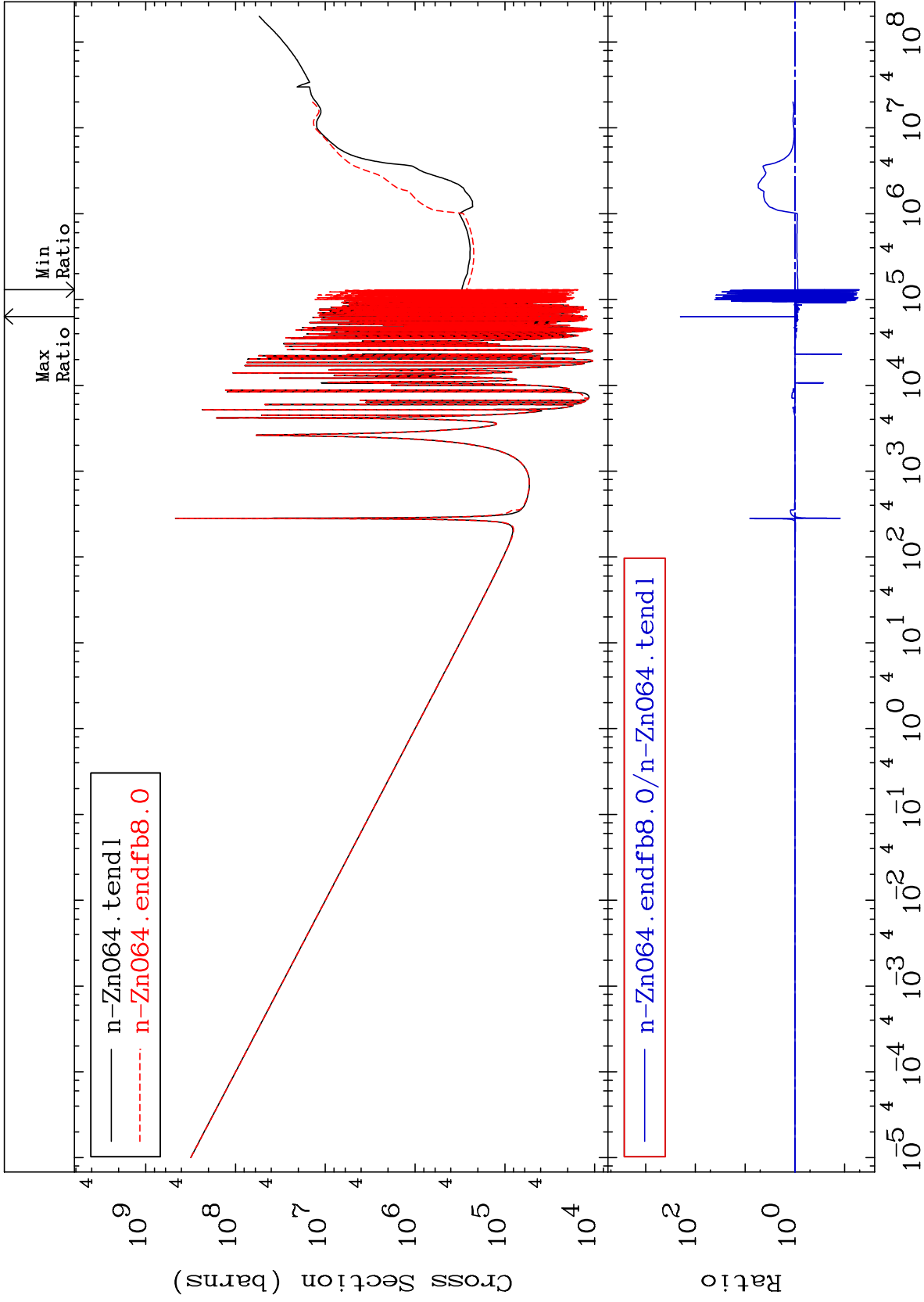
61

Incident Energy (eV)

30-Zn-64



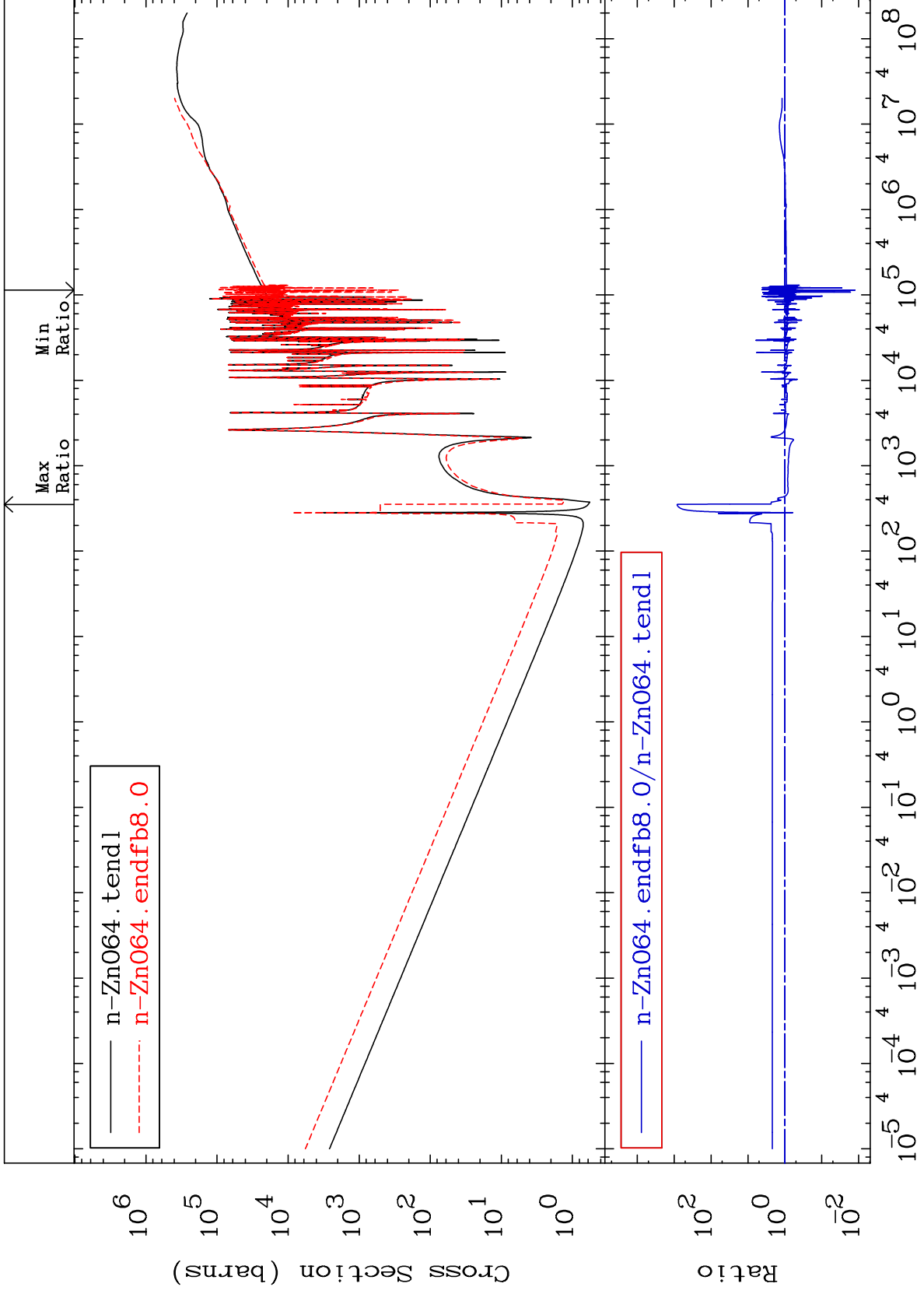




MAT 3025

Dpa total (eV-barns)
Cross Section

30-Zn-64
-98.75 To 9999. %



65

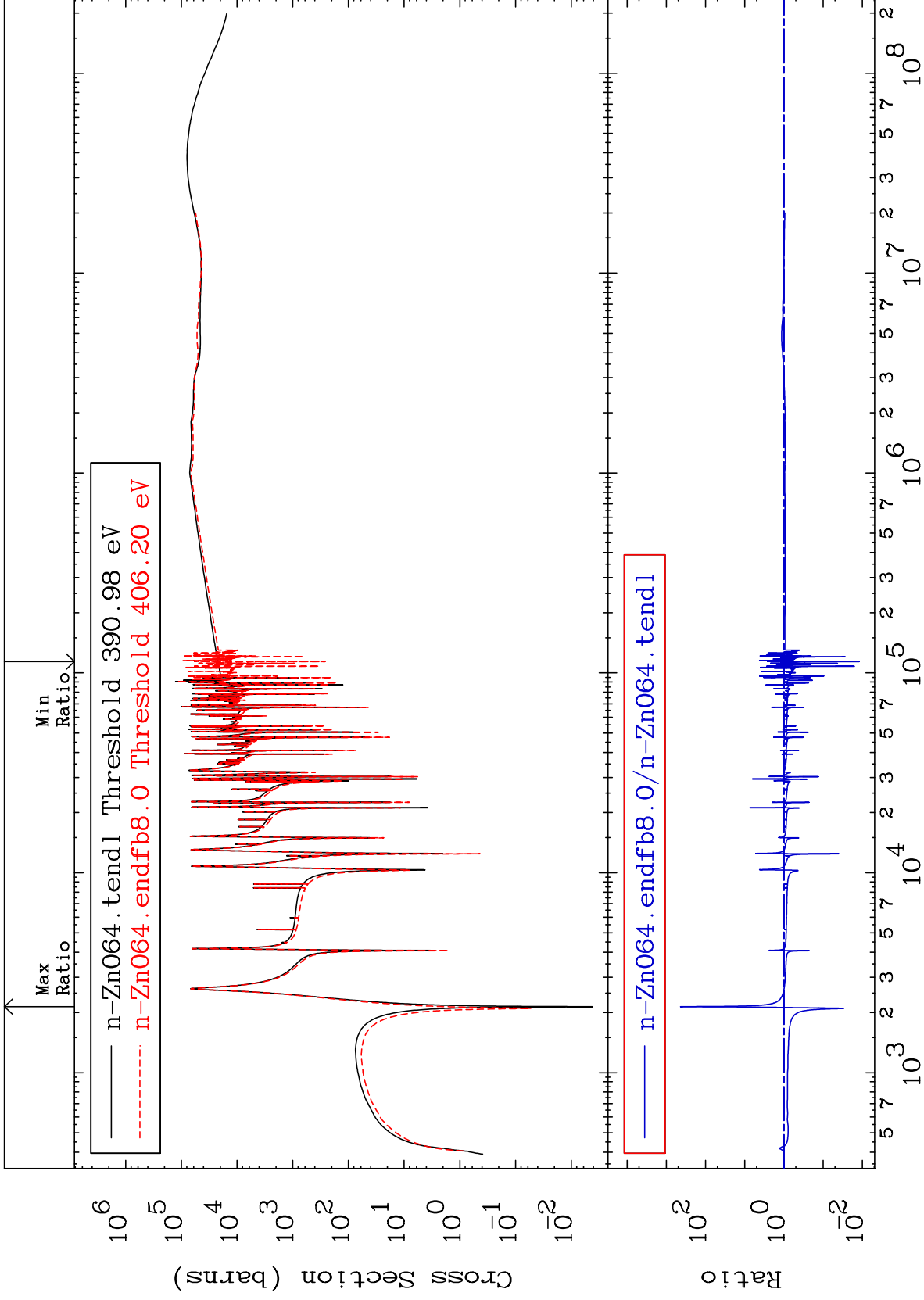
Incident Energy (eV)

30-Zn-64

MAT 3025

Dpa elastic (mt2)
Cross Section

30-Zn-64
-98.81 To 9999. %



66

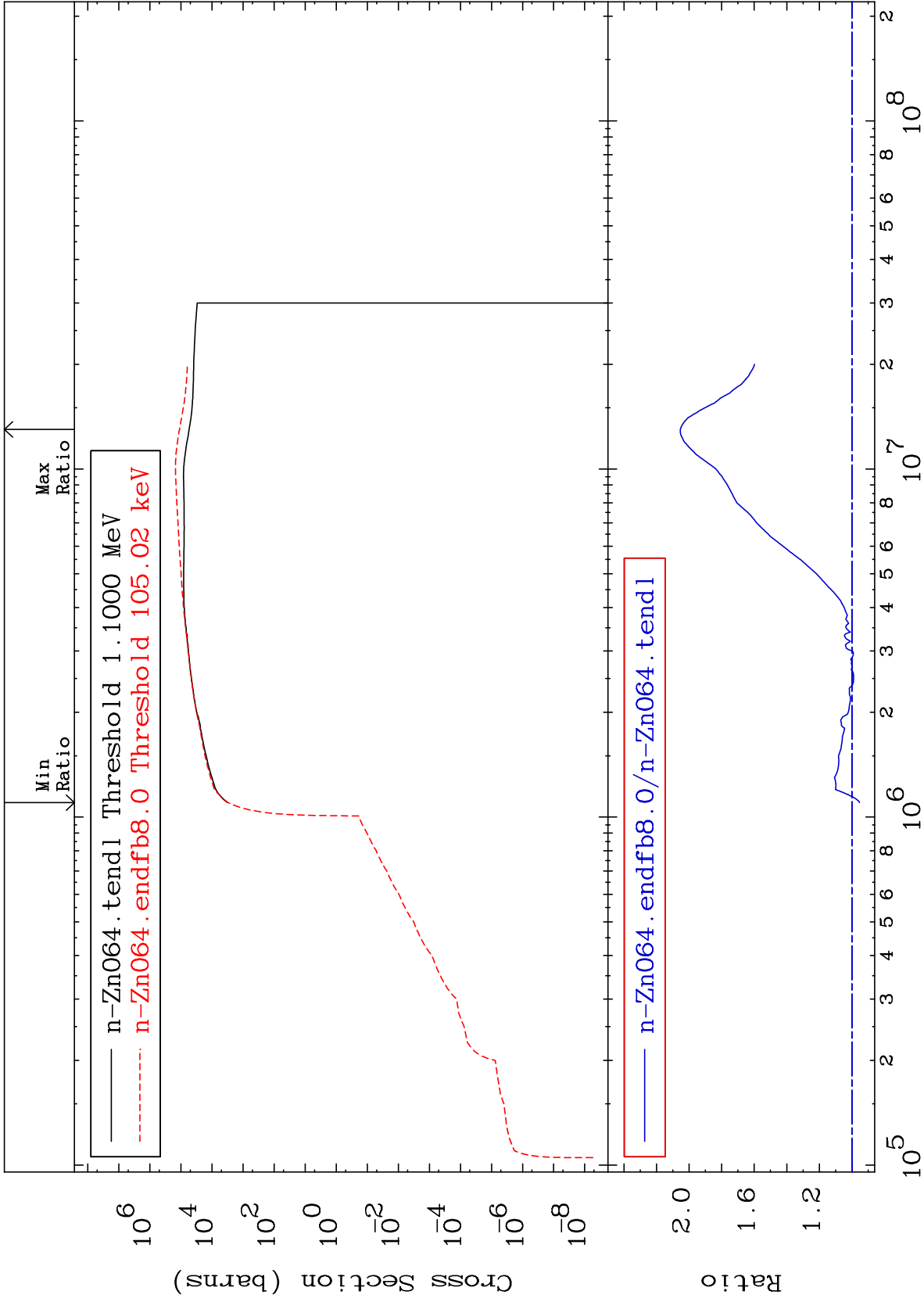
Incident Energy (eV)

30-Zn-64

MAT 3025

Dpa inelastic (mt51-91)
Cross Section

30-Zn-64
-4.634 To 105.4 %



67

Incident Energy (eV)

30-Zn-64

