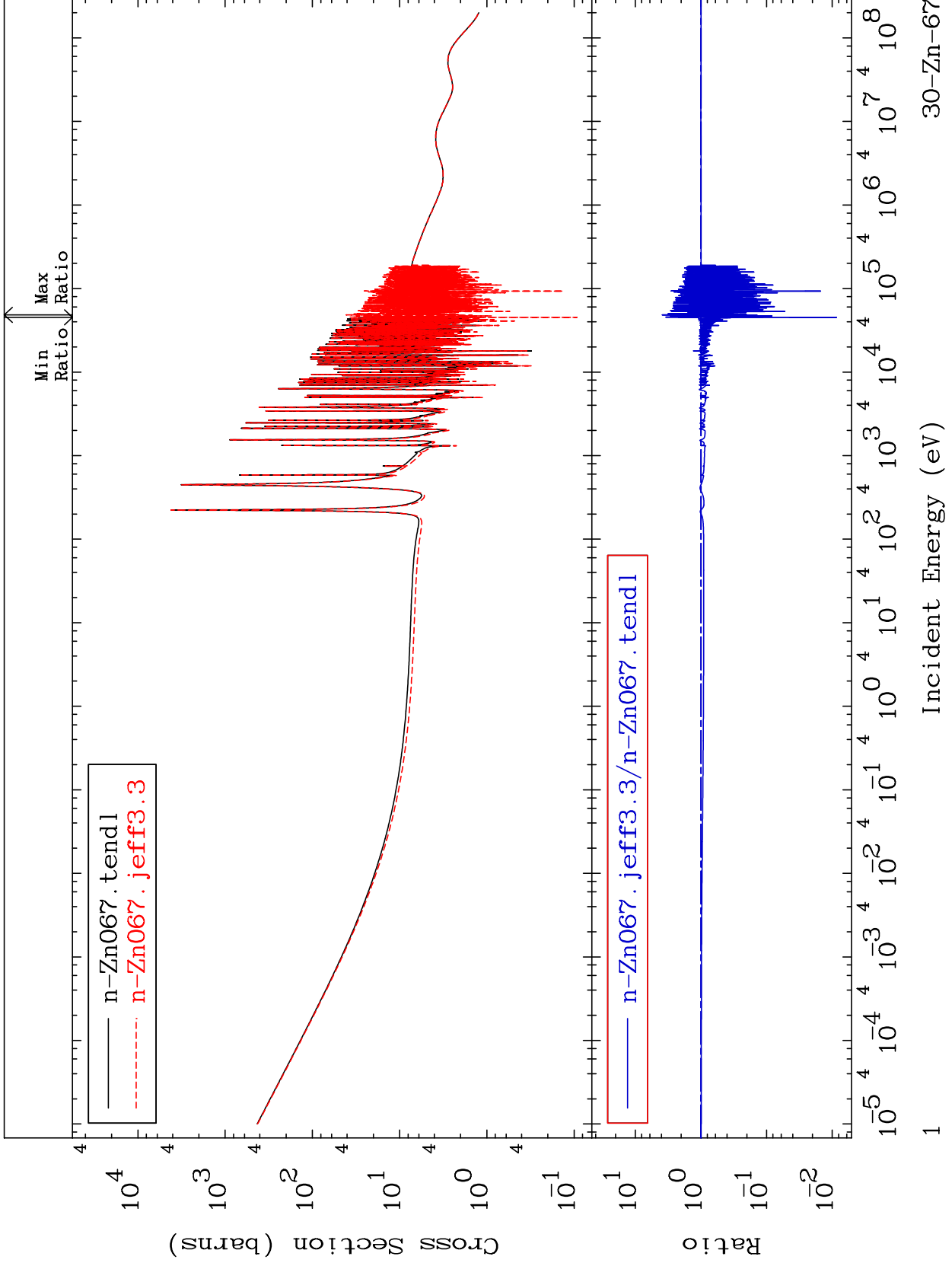


MAT 3034

Total
Cross Section

30-Zn-67
-99.14 To 287.6 %



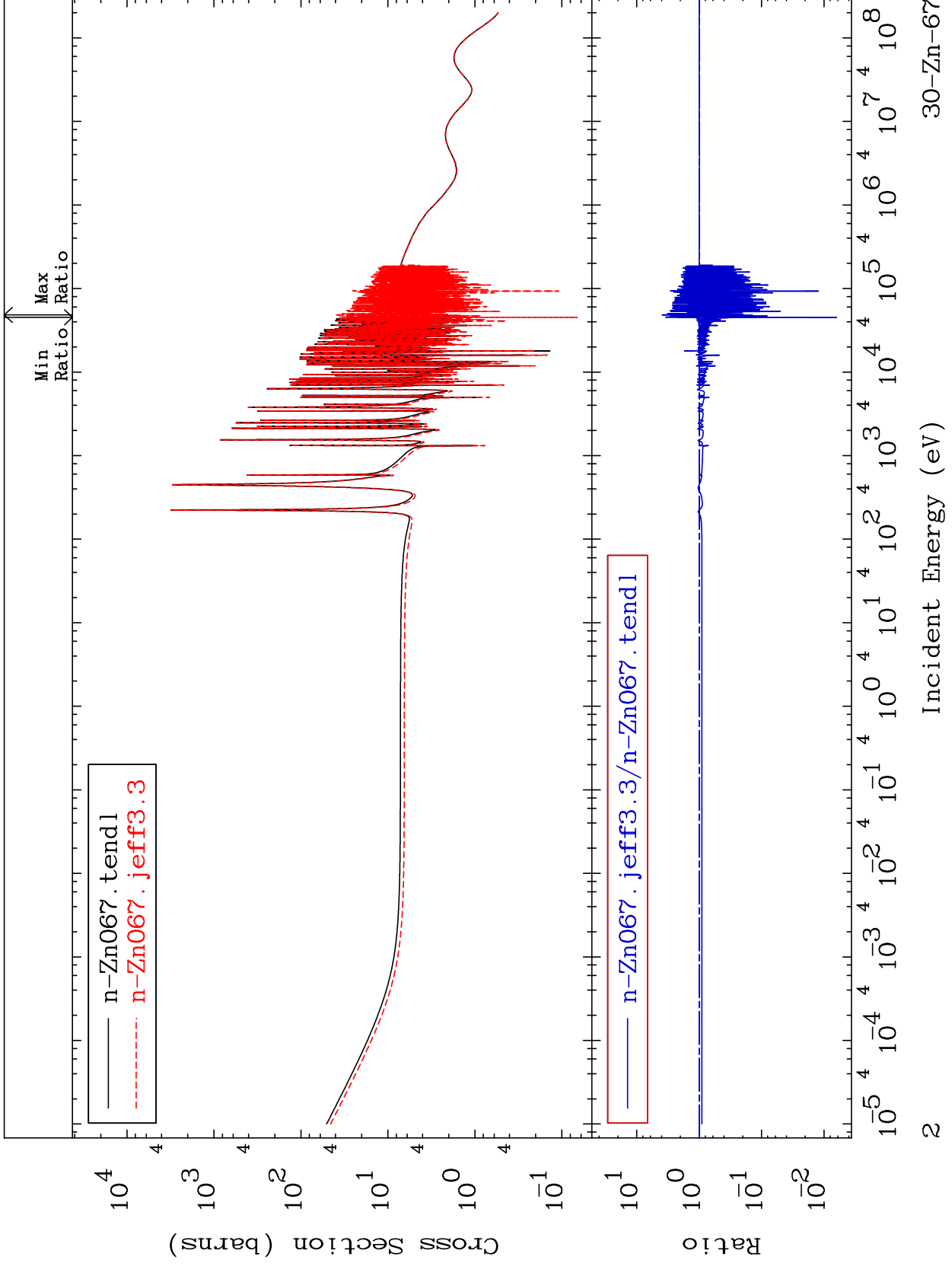
30-Zn-67

Incident Energy (eV)

MAT 3034

Elastic
Cross Section

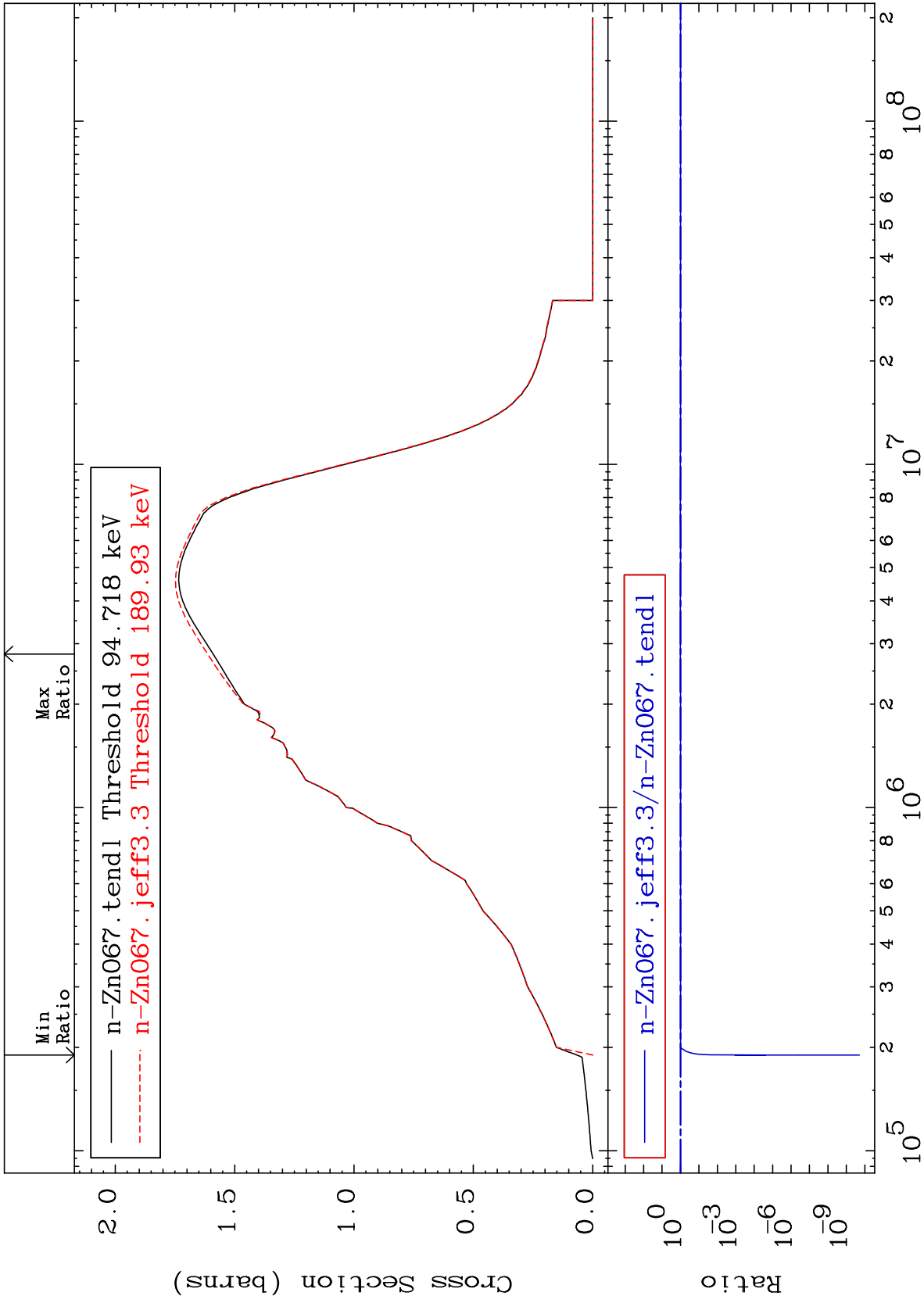
30-Zn-67
-99.37 To 289.2 %



MAT 3034

Inelastic
Cross Section

30-Zn-67
-100.0 To 1.461 %



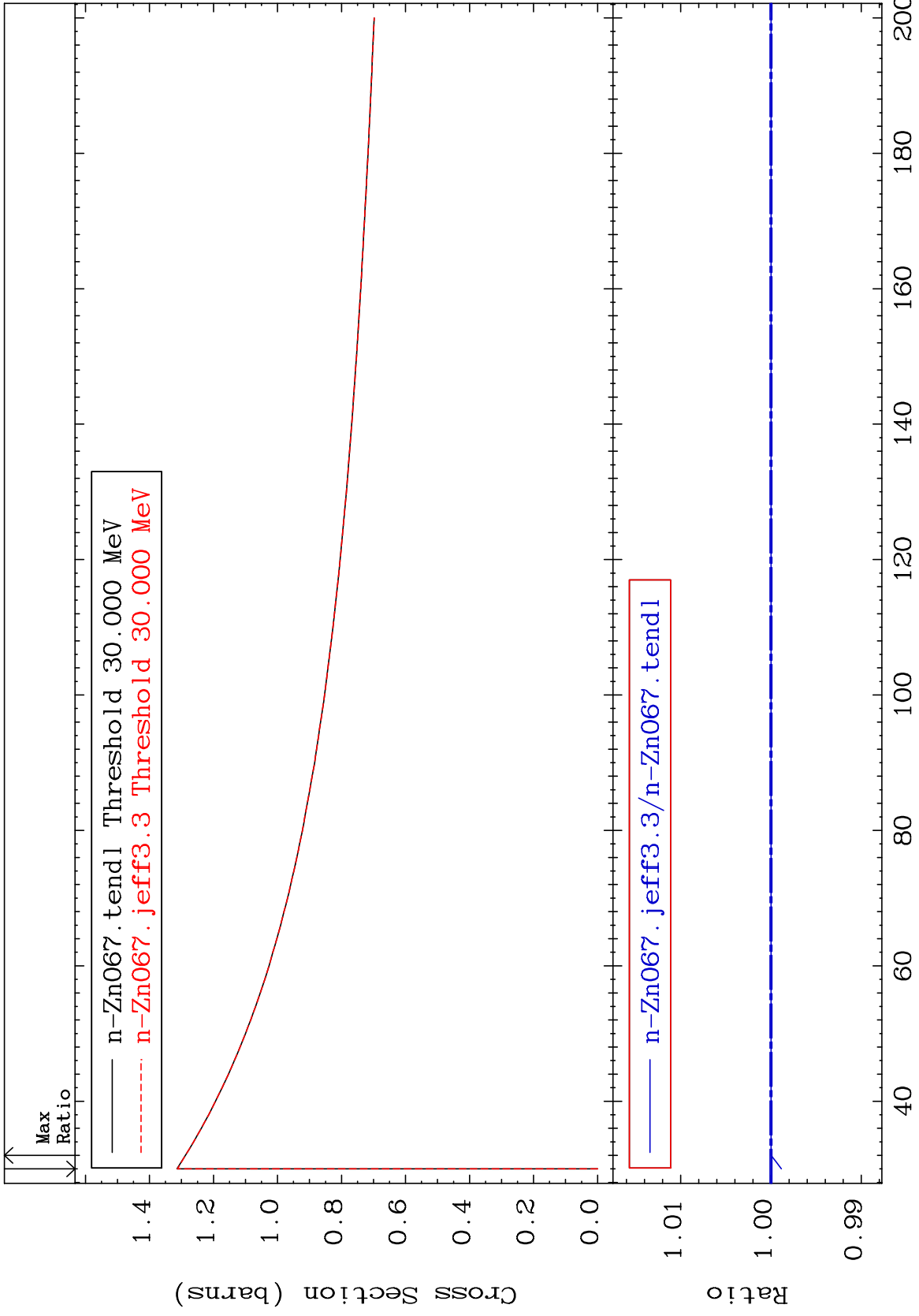
30-Zn-67

3

MAT 3034

(n, remainder)
Cross Section

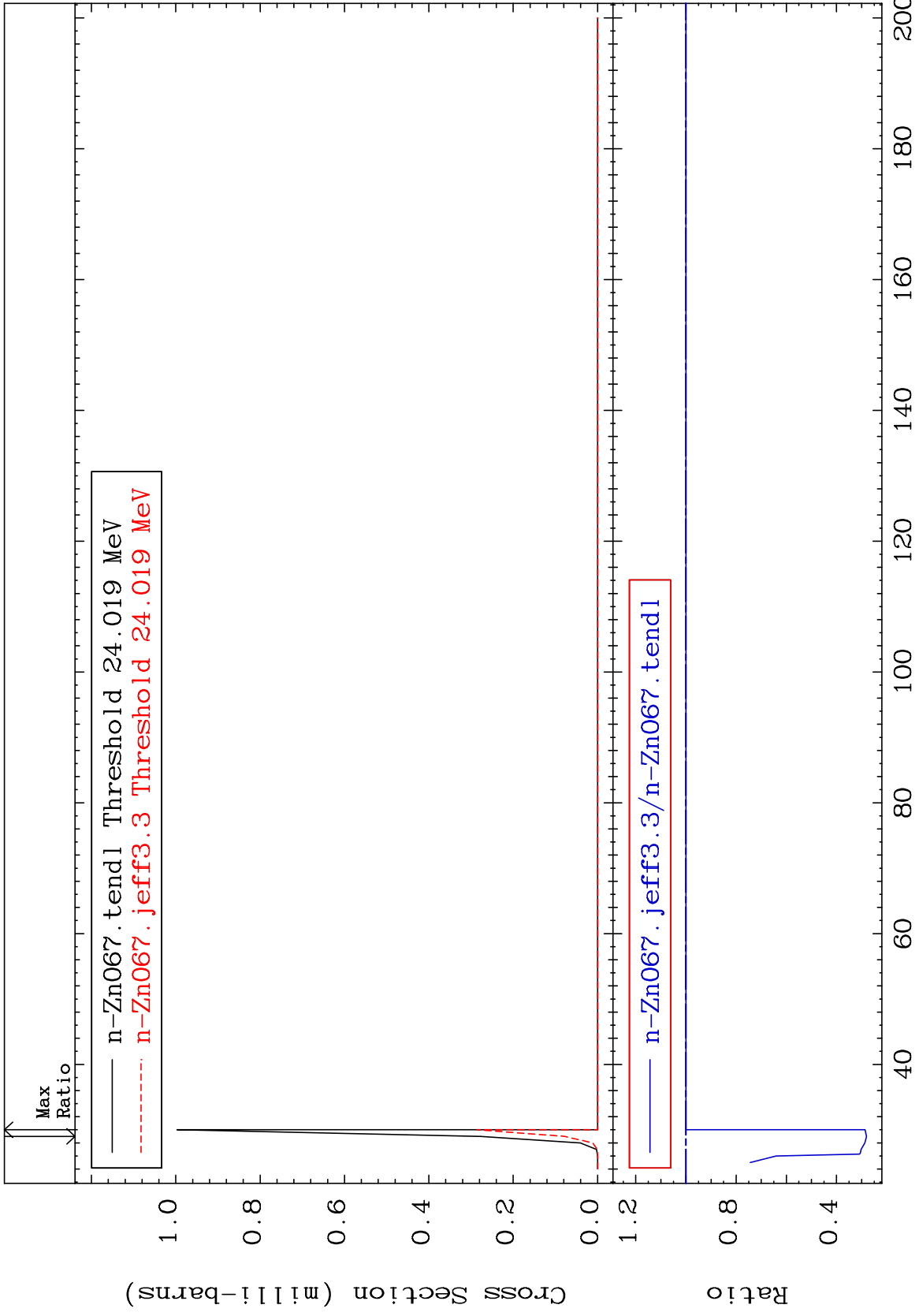
30-Zn-67
-0.116 To 0.000 %



MAT 3034

(n,2n) d
Cross Section

30-Zn-67
-71.94 To 0.000 %



MAT 3034

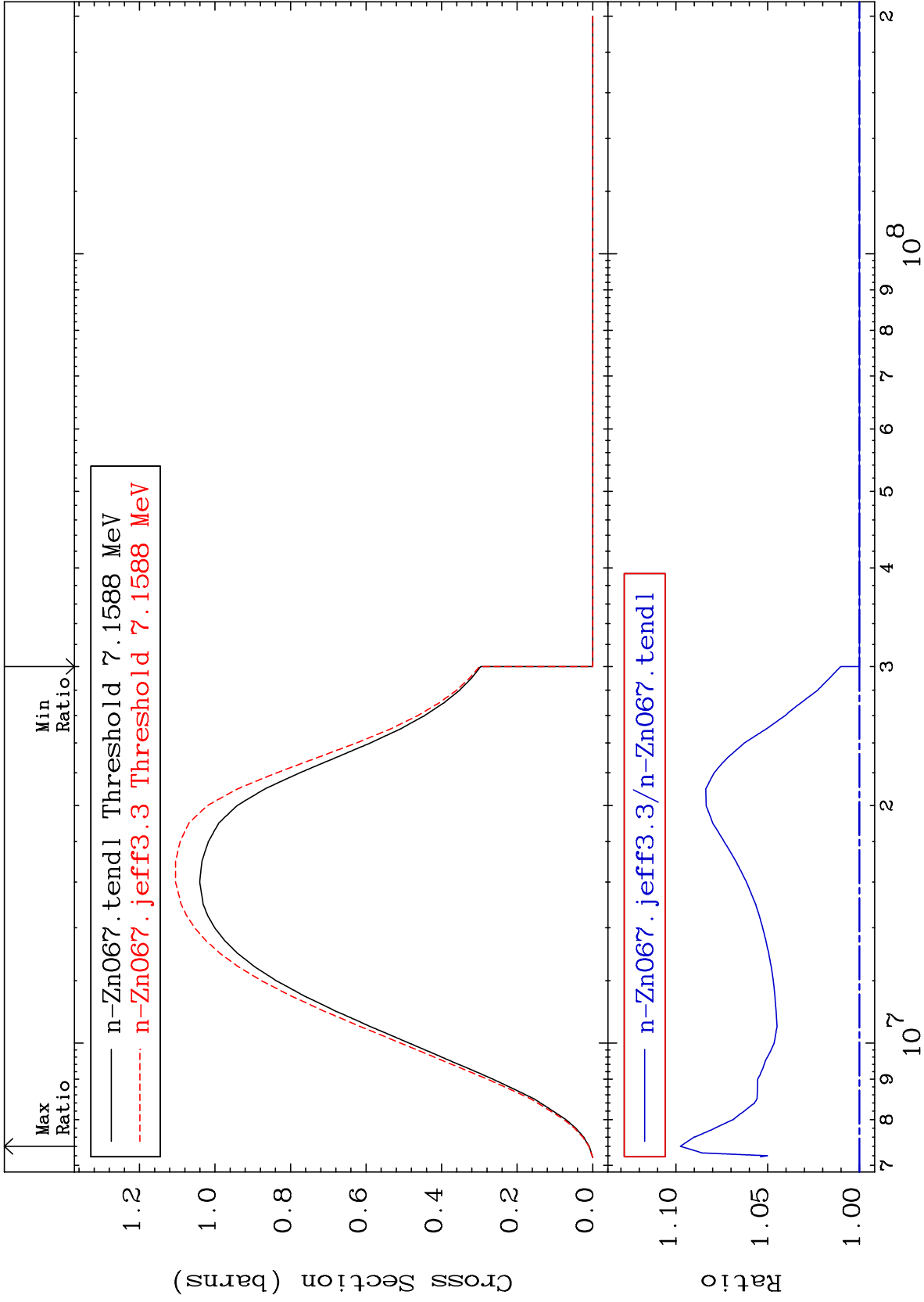
(n,2n)

30-Zn-67

Cross Section

0.000

To 9.761 %



6

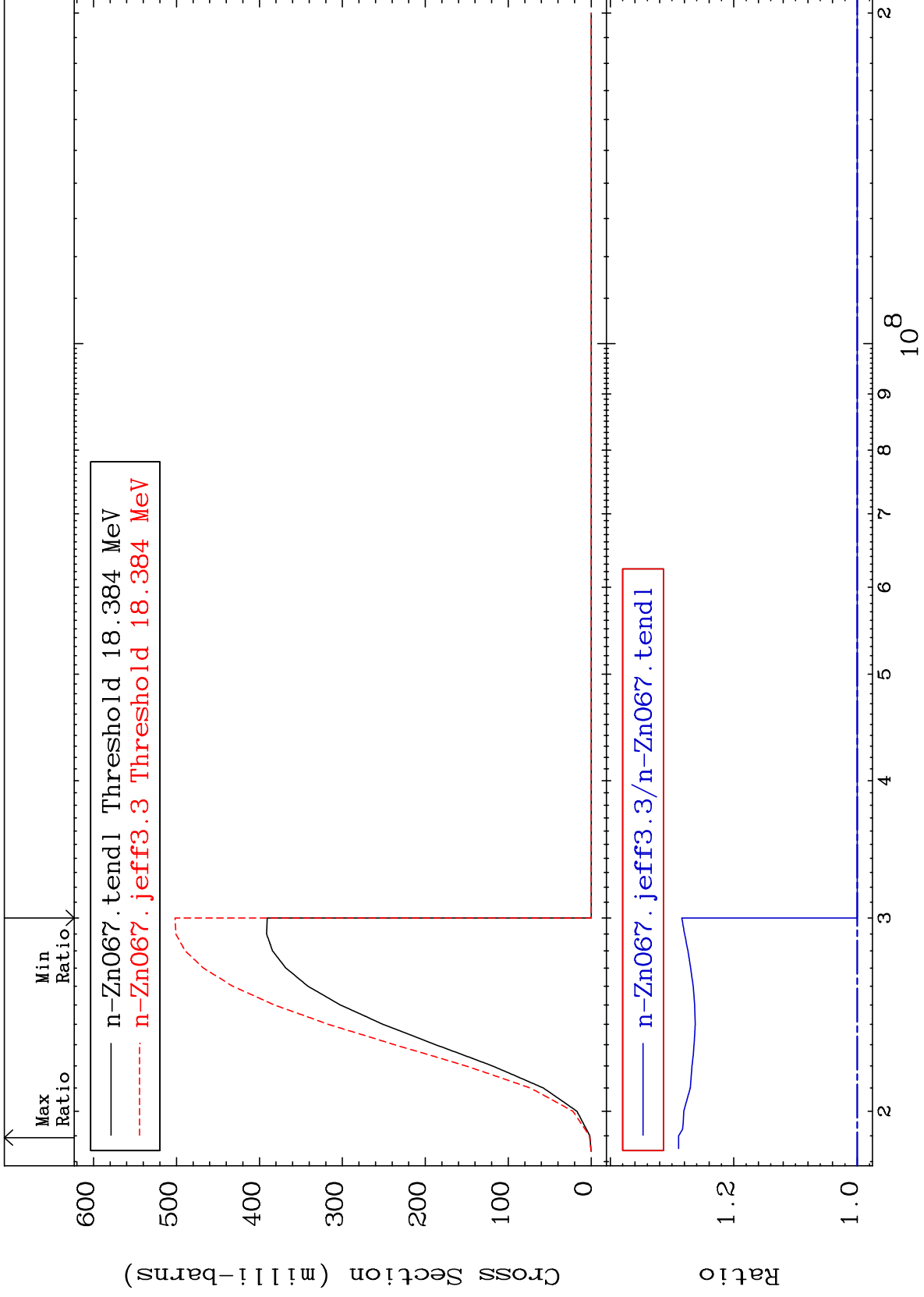
Incident Energy (eV)

30-Zn-67

MAT 3034

(n,3n)
Cross Section

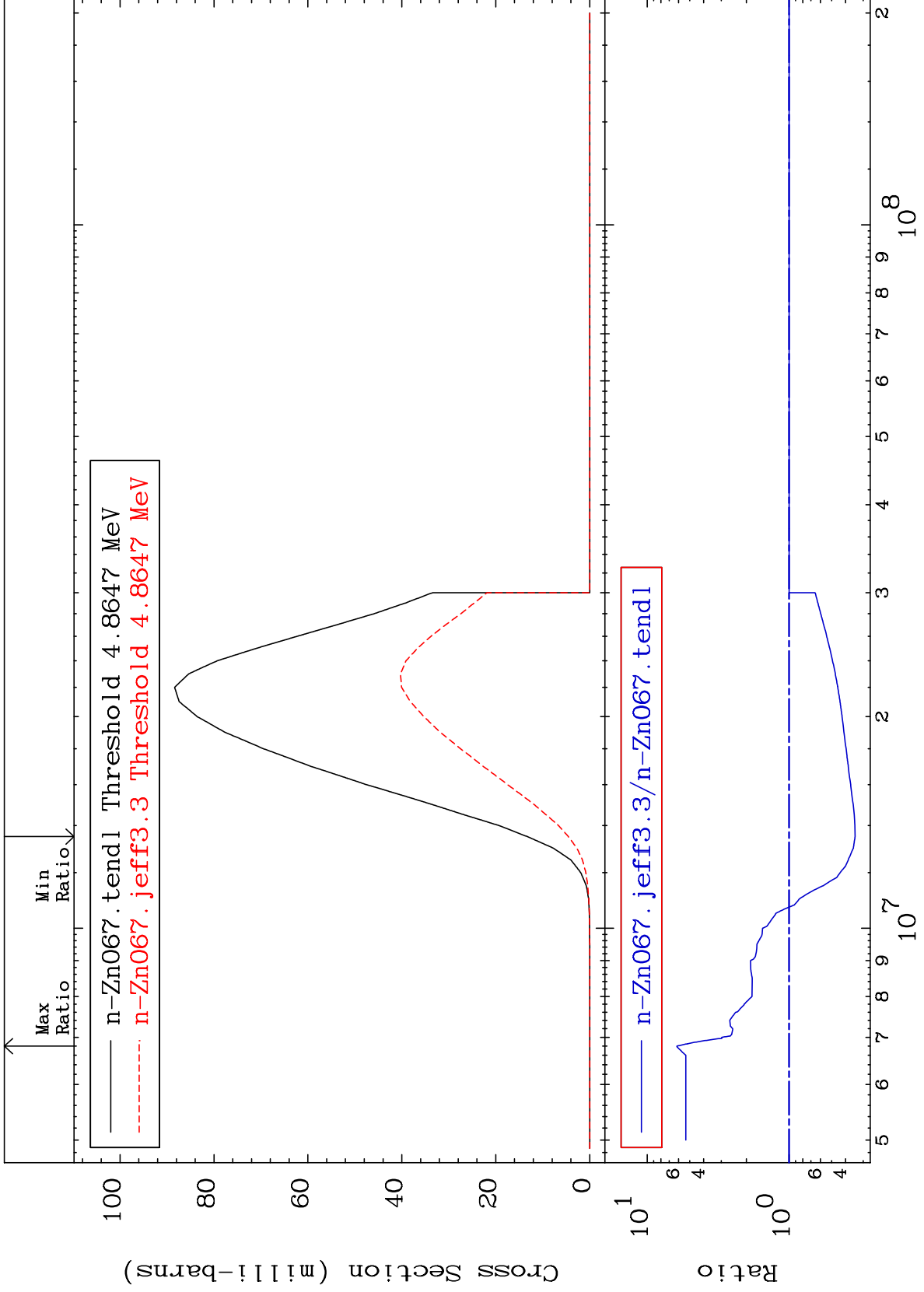
30-Zn-67
0.000 To 28.93 %



MAT 3034

(n, n') α
Cross Section

30-Zn-67
-65.78 To 516.5 %



8

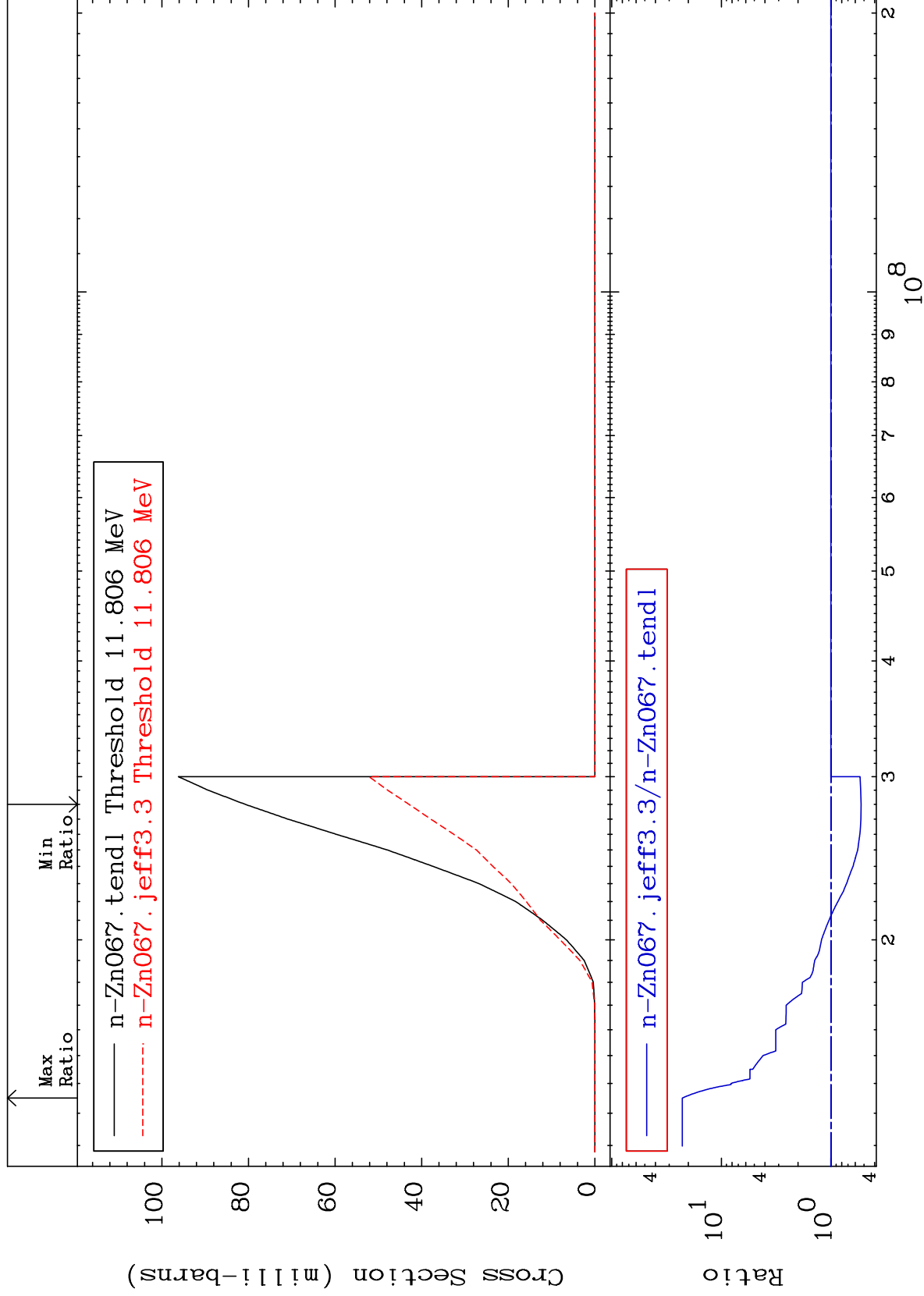
Incident Energy (eV)

30-Zn-67

MAT 3034

(n,2n) α
Cross Section

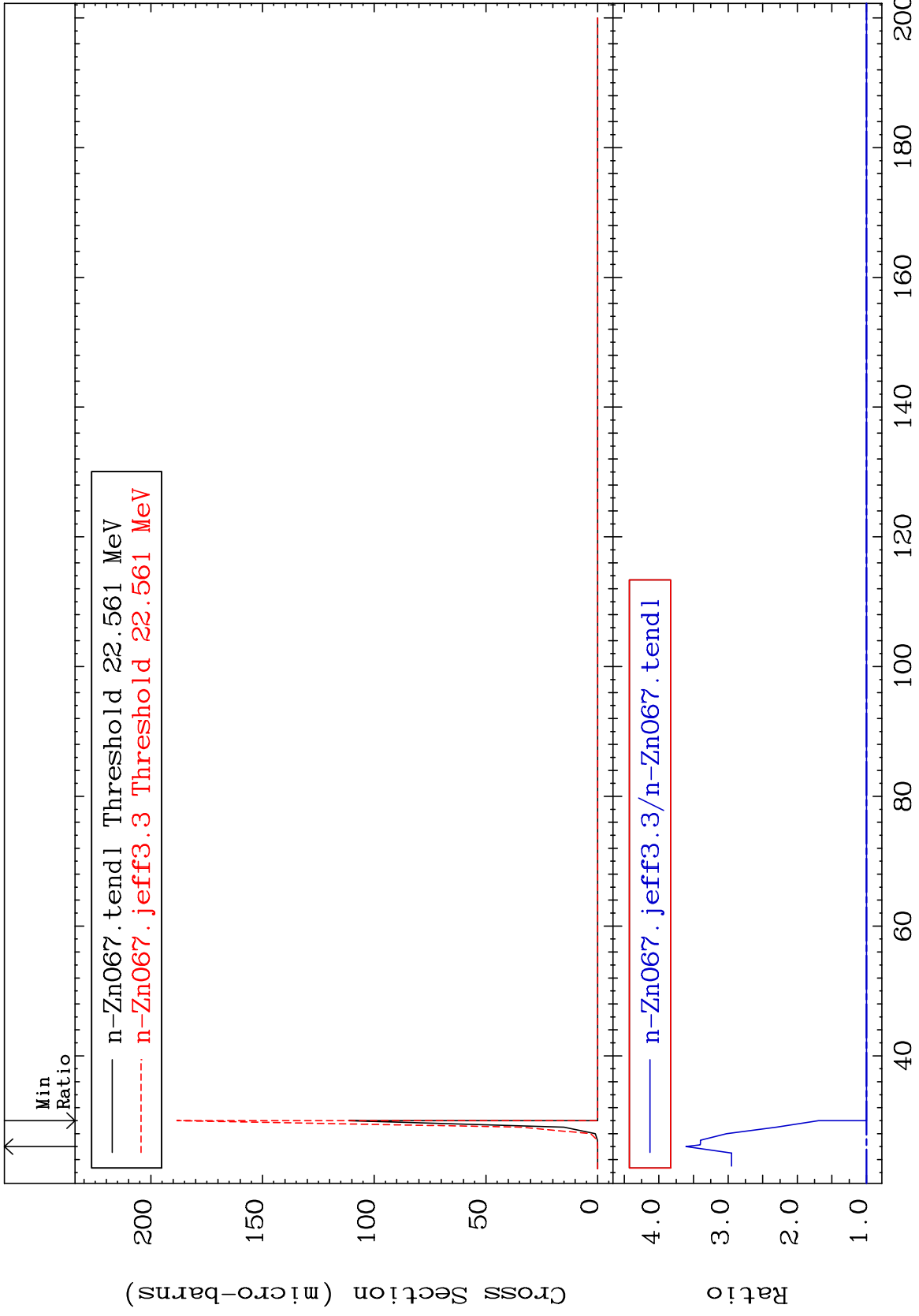
30-Zn-67
-46.84 To 2172. %



MAT 3034

(n,3n) α
Cross Section

30-Zn-67
0.000 To 260.9 %



10

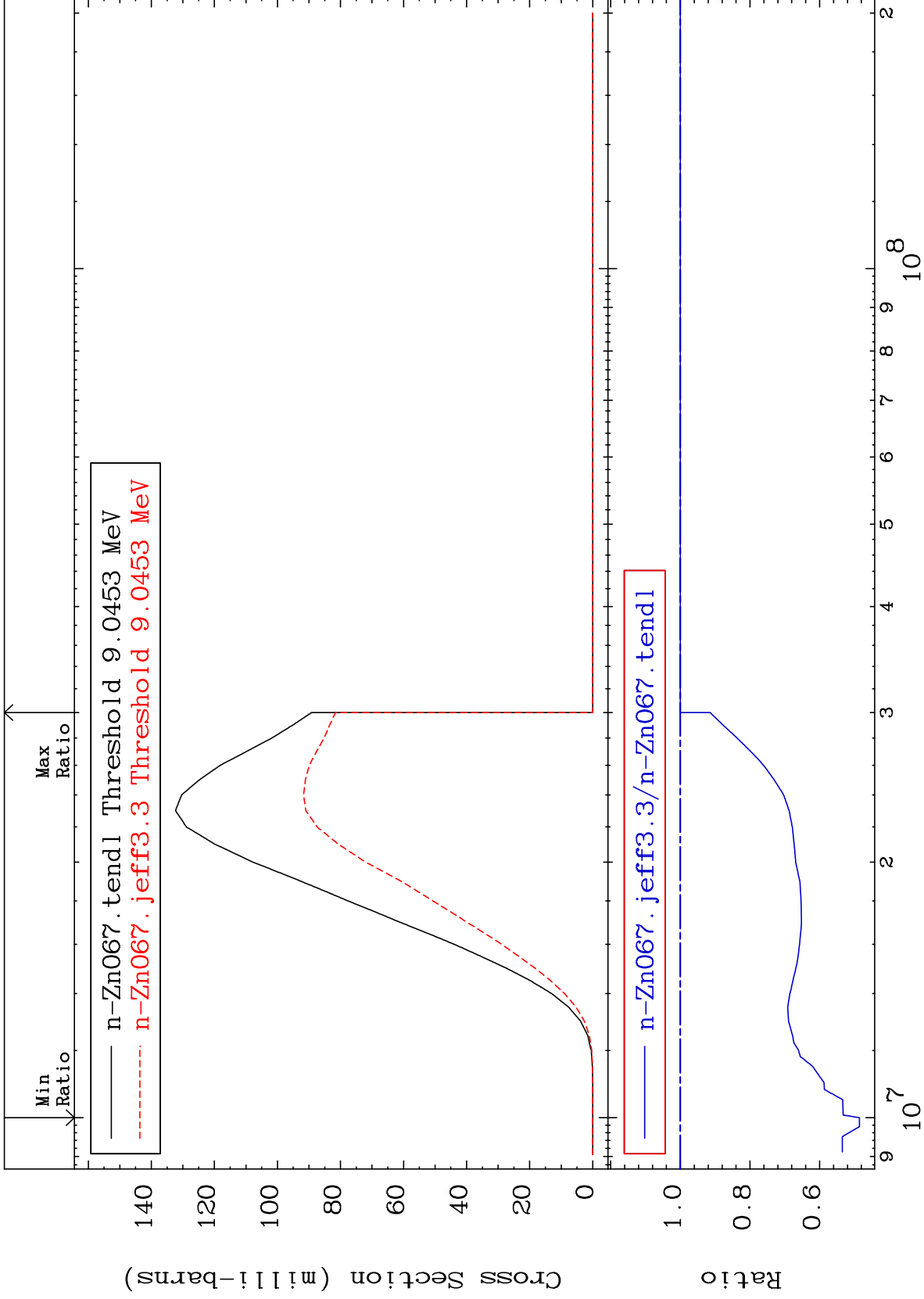
Incident Energy (MeV)

30-Zn-67

MAT 3034

(n,n') p
Cross Section

30-Zn-67
-51.45 To 0.000 %



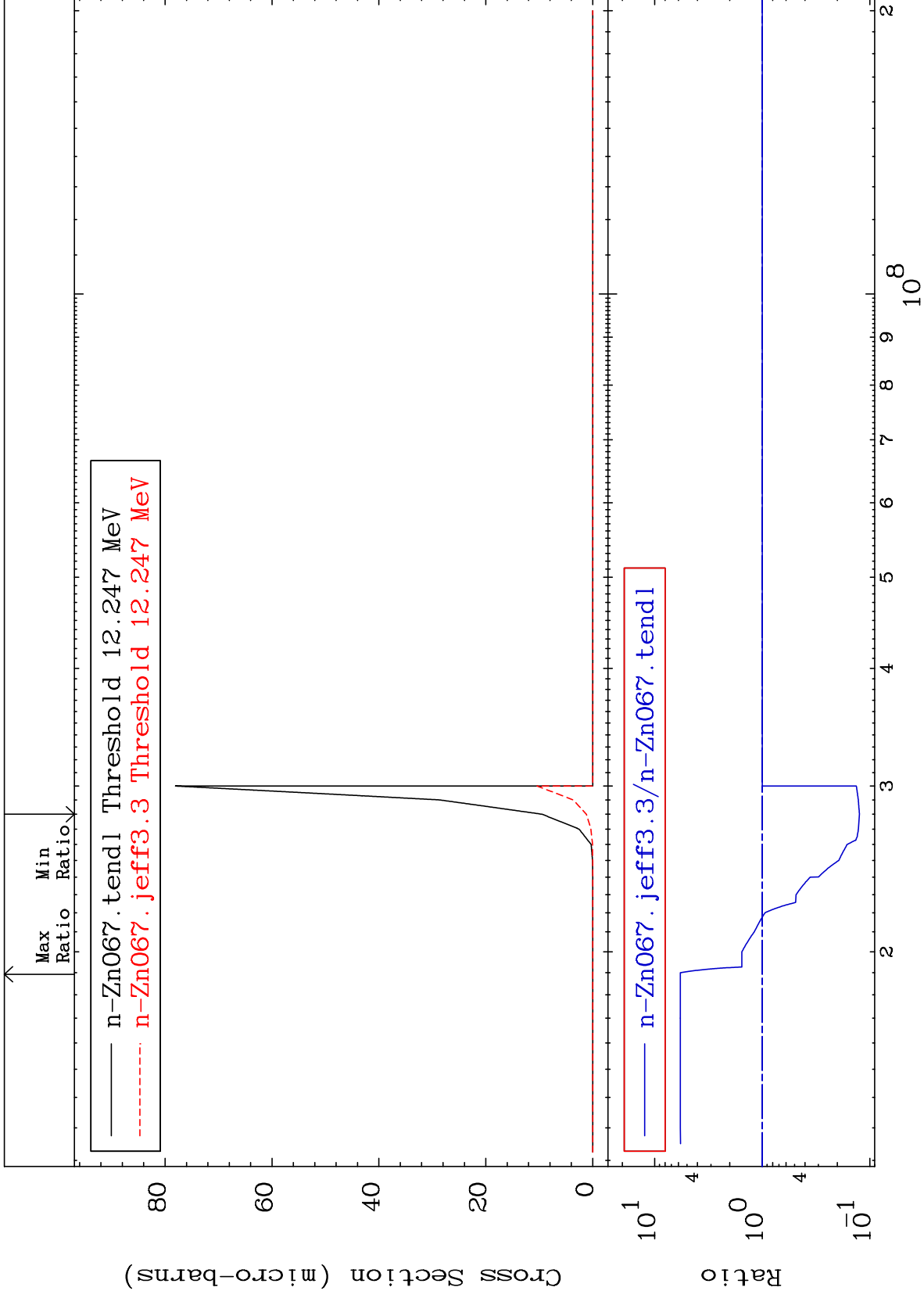
11

30-Zn-67

MAT 3034

(n, n') 2α
Cross Section

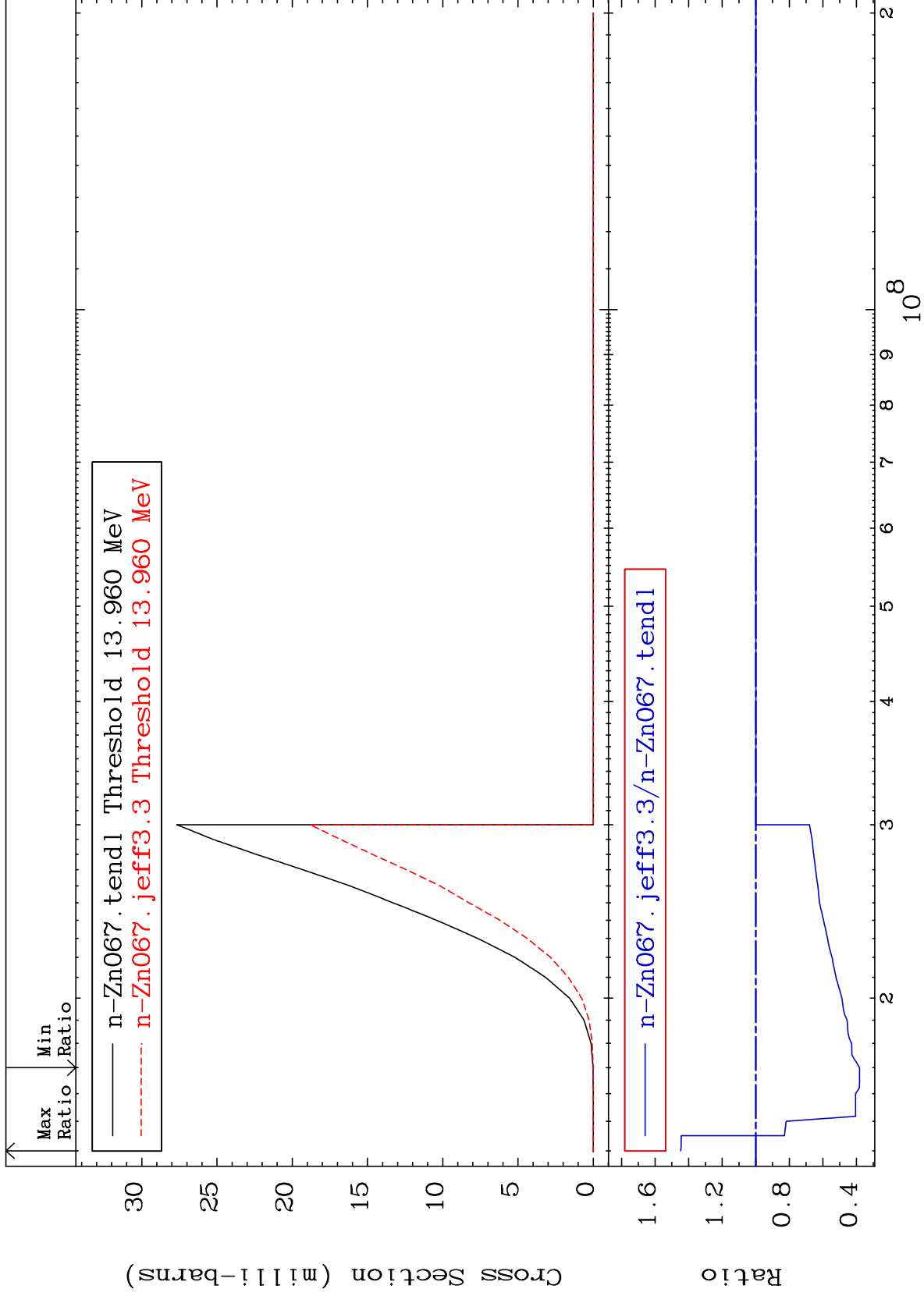
30-Zn-67
-87.53 To 476.4 %



MAT 3034

(n,n') d
Cross Section

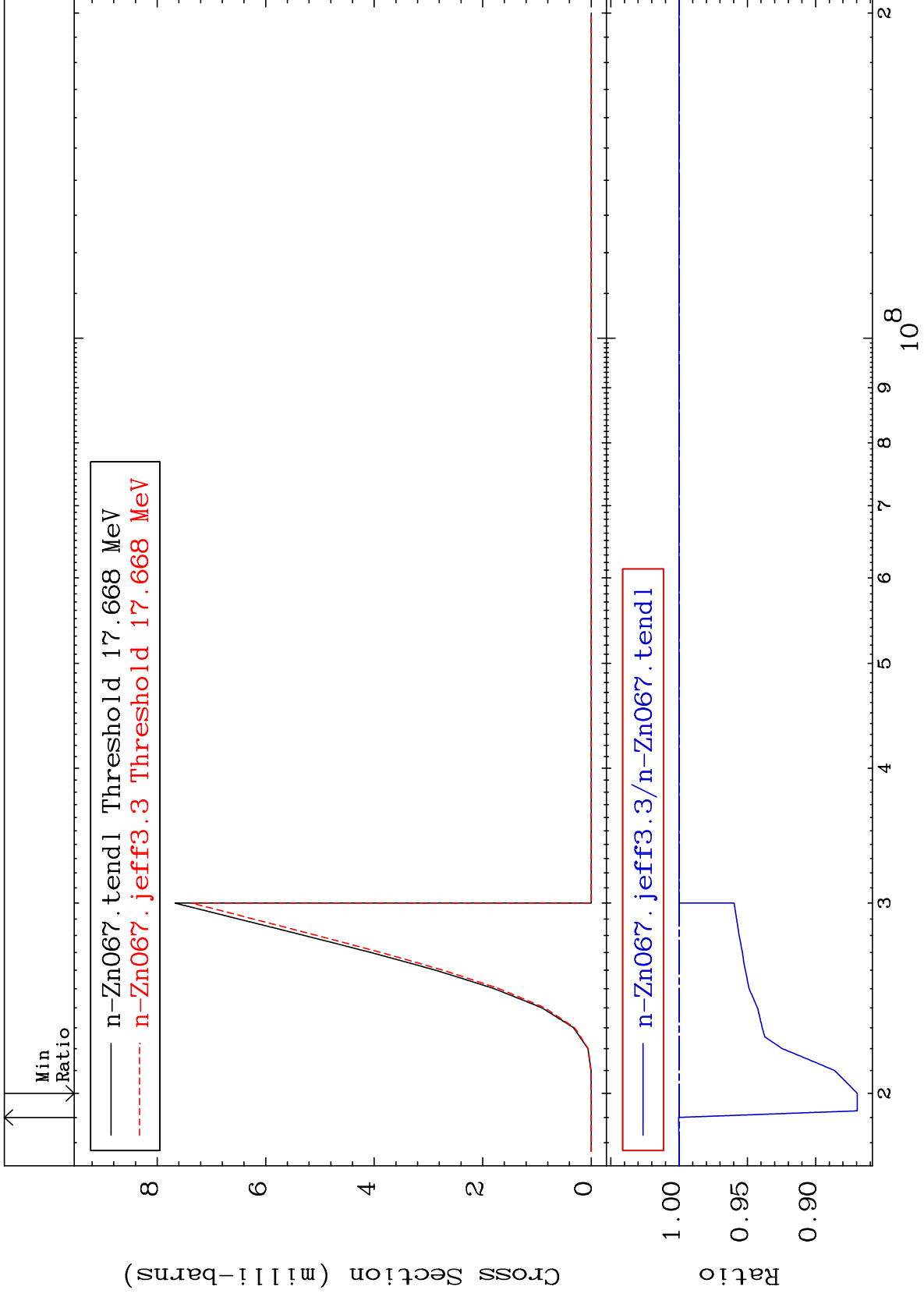
30-Zn-67
-61.83 To 44.69 %



MAT 3034

(n,n') t
Cross Section

30-Zn-67
-13.05 To 0.031 %



14

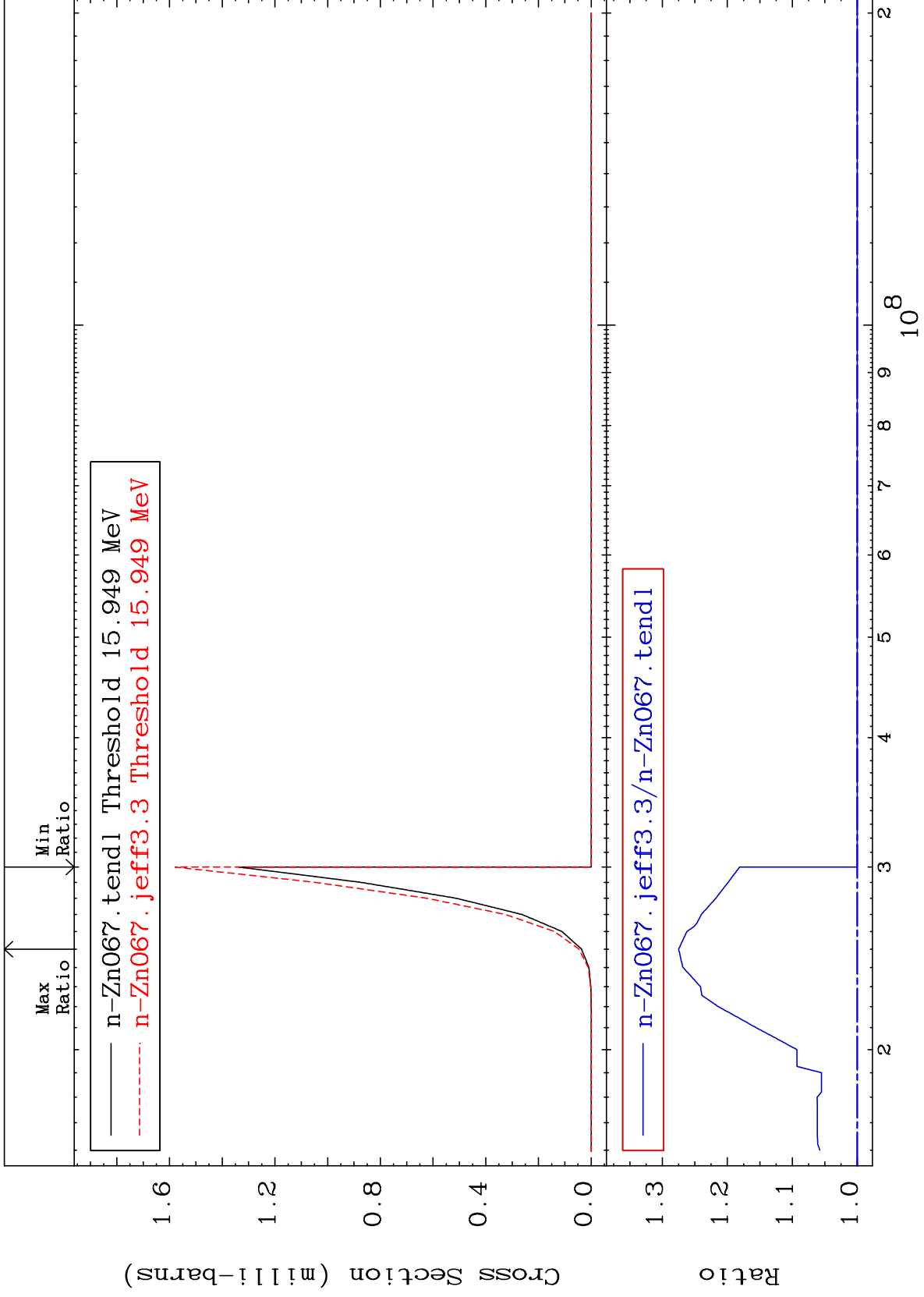
Incident Energy (eV)

30-Zn-67

MAT 3034

(n, n') He-3
Cross Section

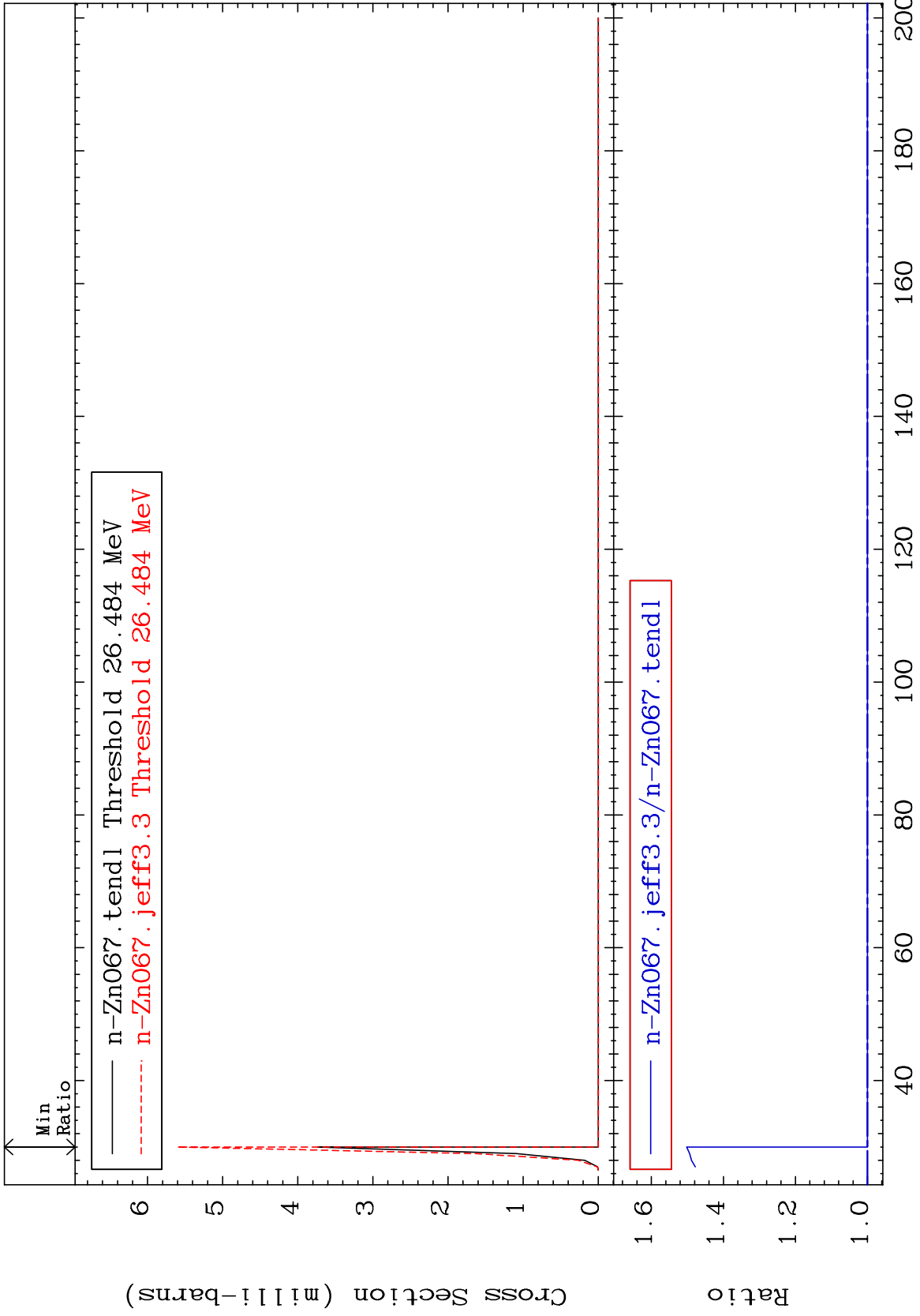
30-Zn-67
0.000 To 27.50 %



MAT 3034

(n,4n)
Cross Section

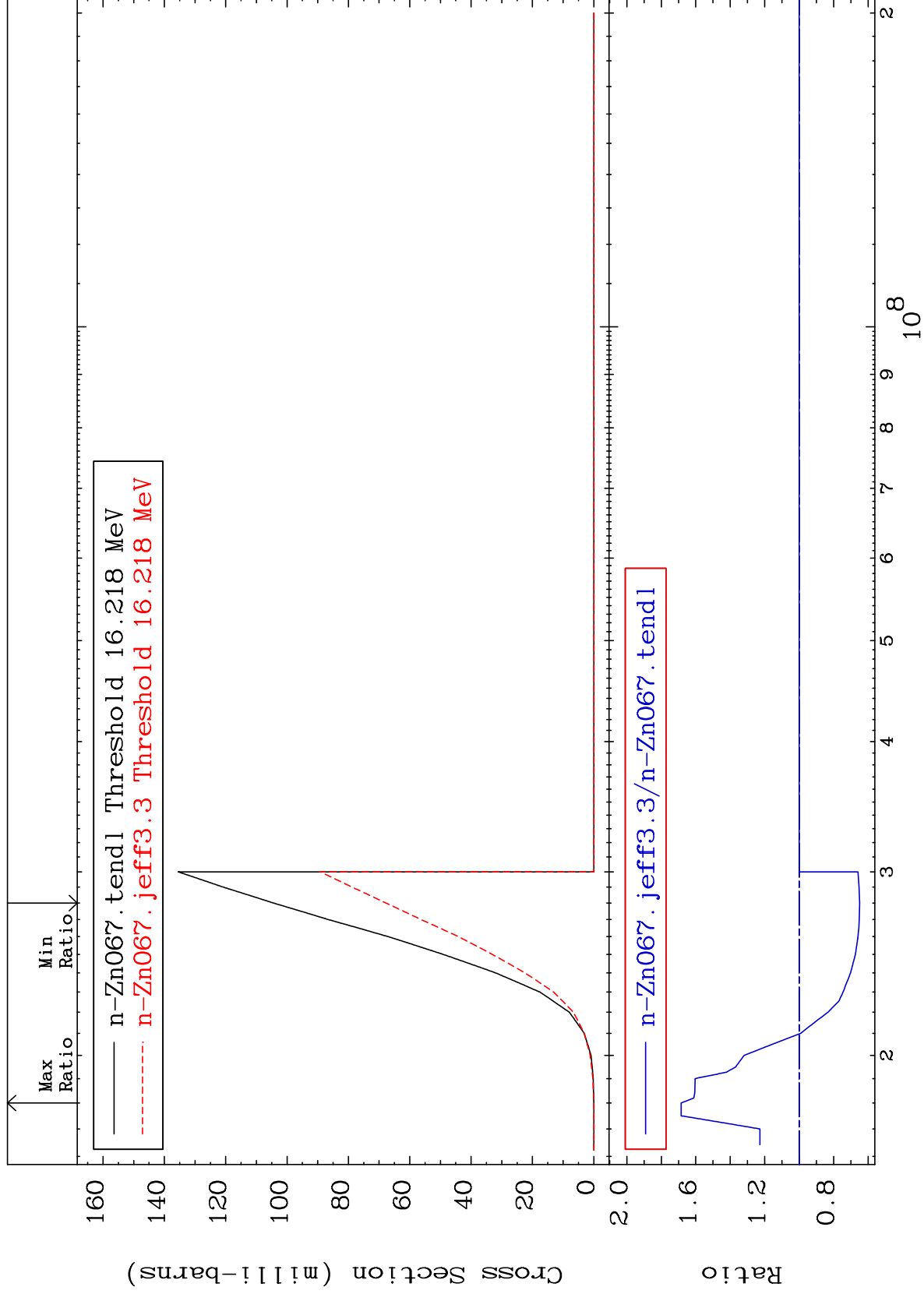
30-Zn-67
To 50.19 %
0.000



MAT 3034

(n,2n) p
Cross Section

30-Zn-67
-35.11 To 68.47 %



17

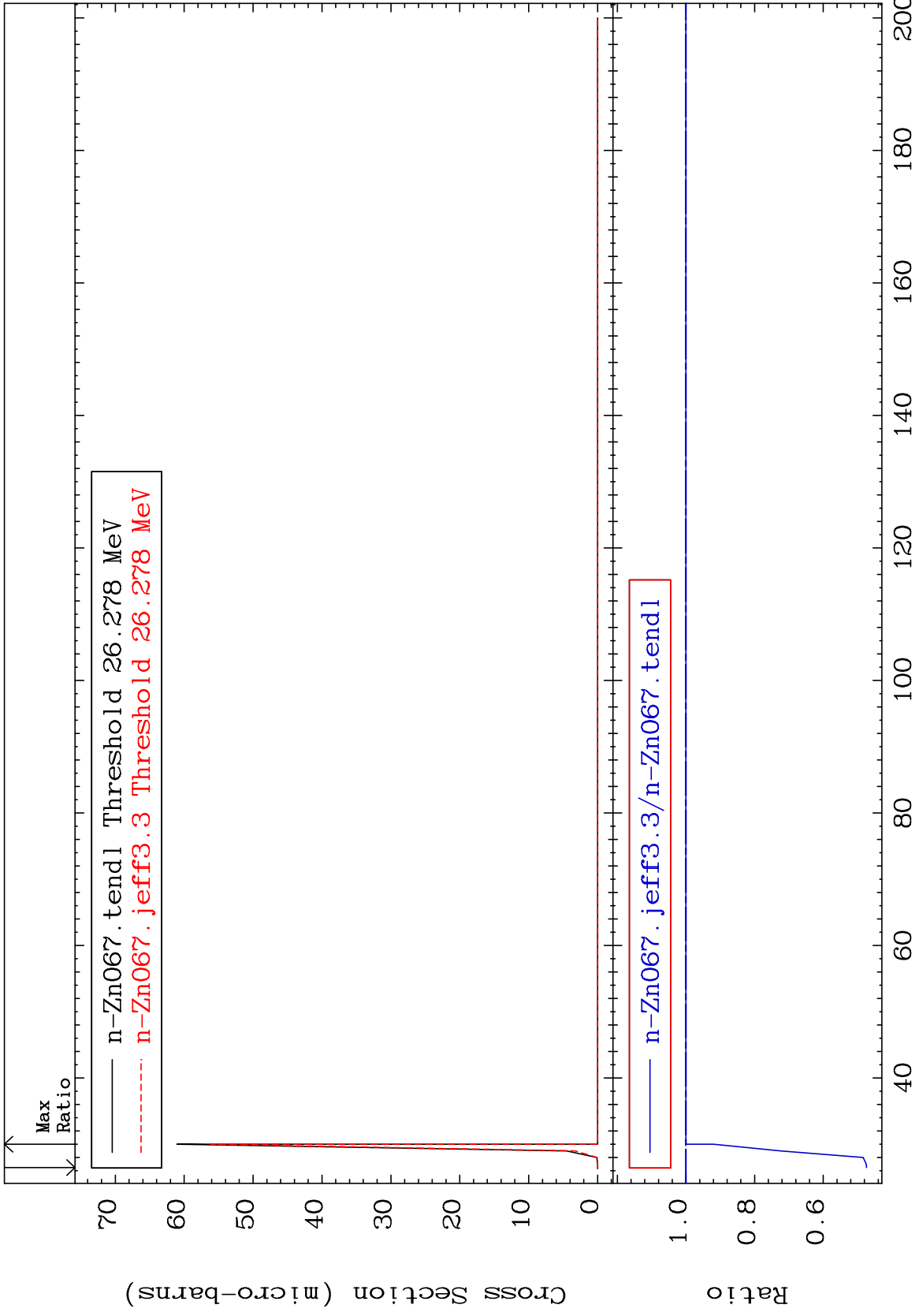
Incident Energy (eV)

30-Zn-67

MAT 3034

(n,3n) p
Cross Section

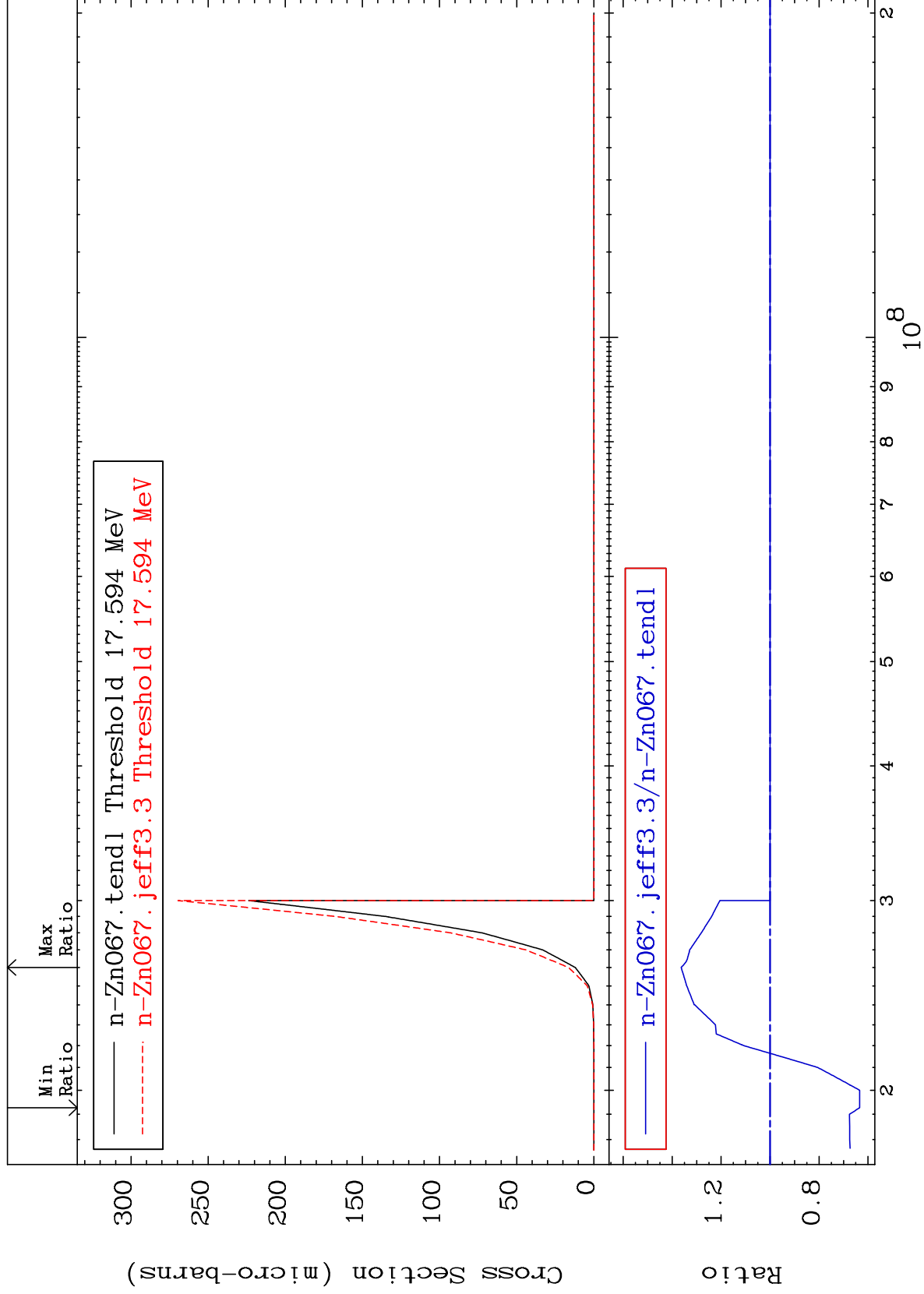
30-Zn-67
-52.59 To 0.000 %



MAT 3034

(n,2n) p
Cross Section

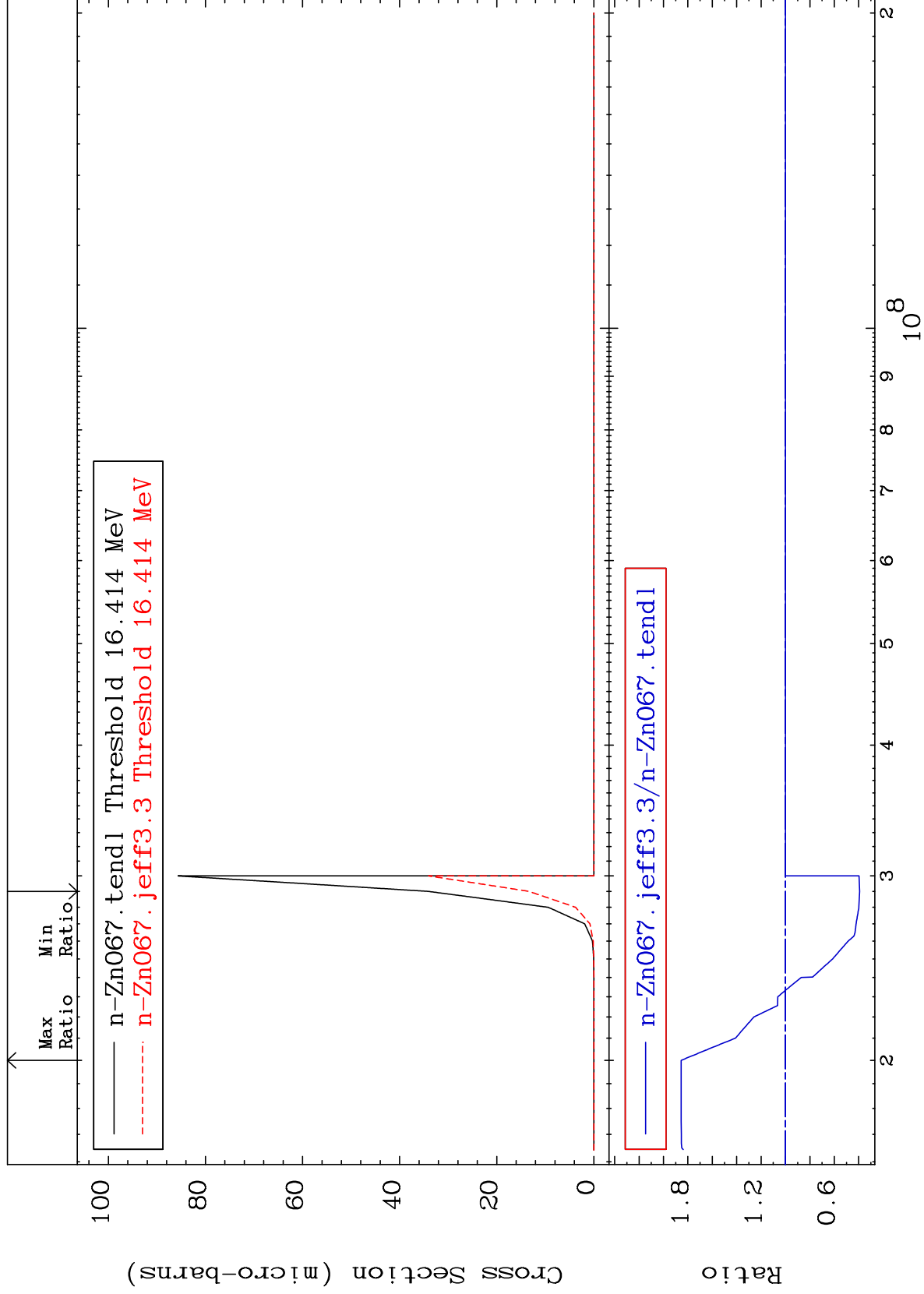
30-Zn-67
-36.58 To 36.31 %



MAT 3034

(n,n') p α
Cross Section

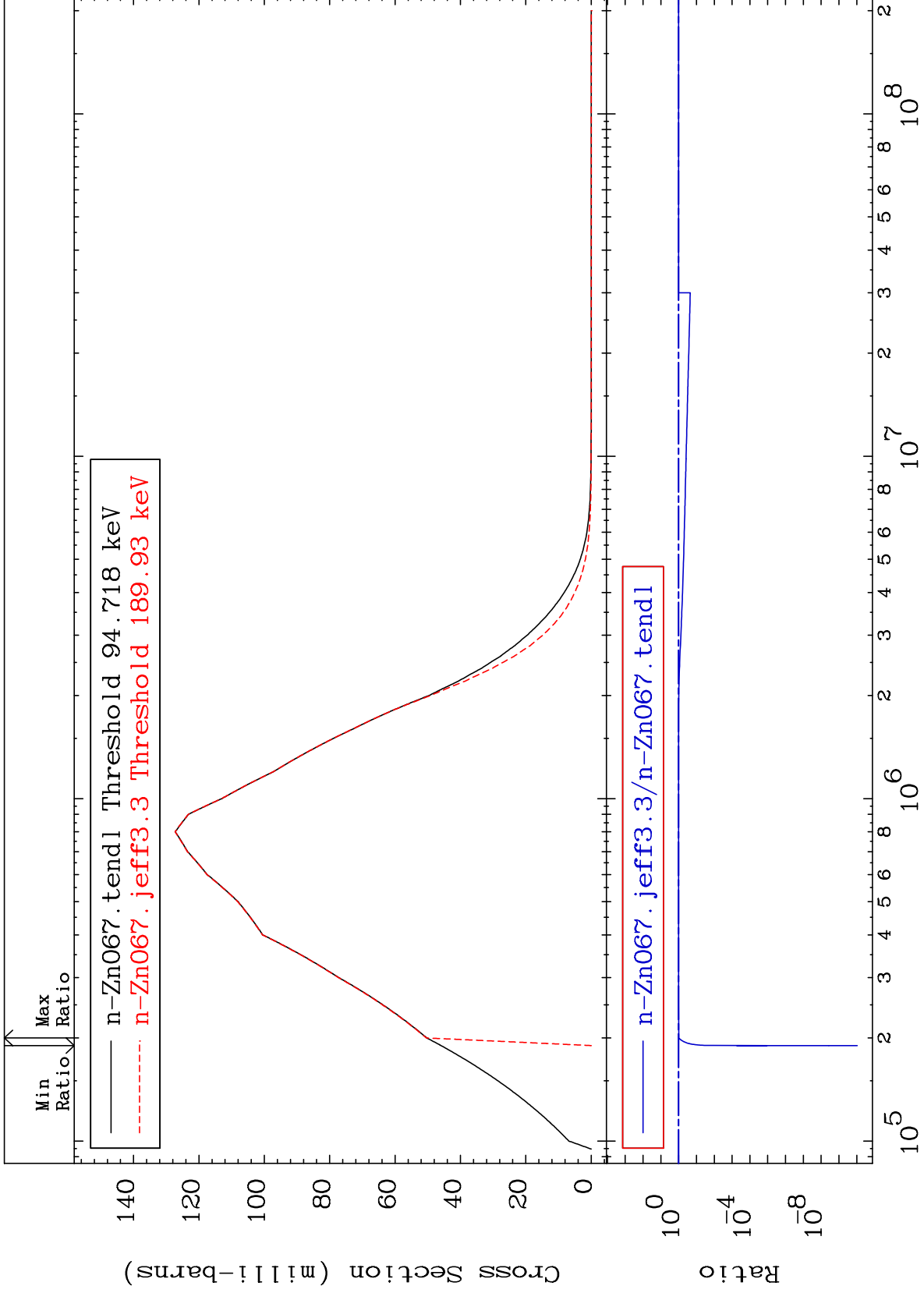
30-Zn-67
-60.78 To 85.49 %



MAT 3034

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

30-Zn-67
-100.0 To 0.286 %



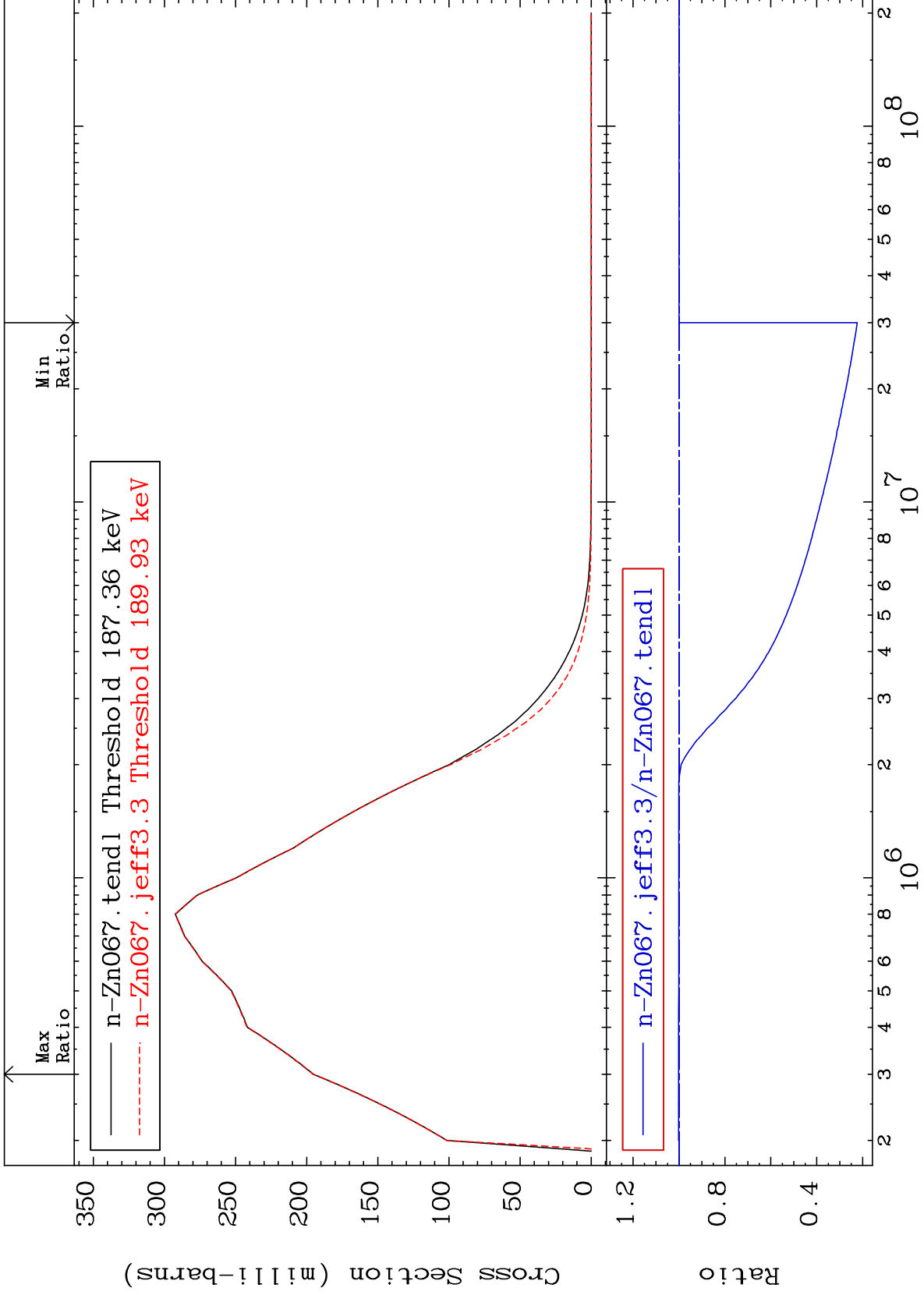
21

30-Zn-67

MAT 3034

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

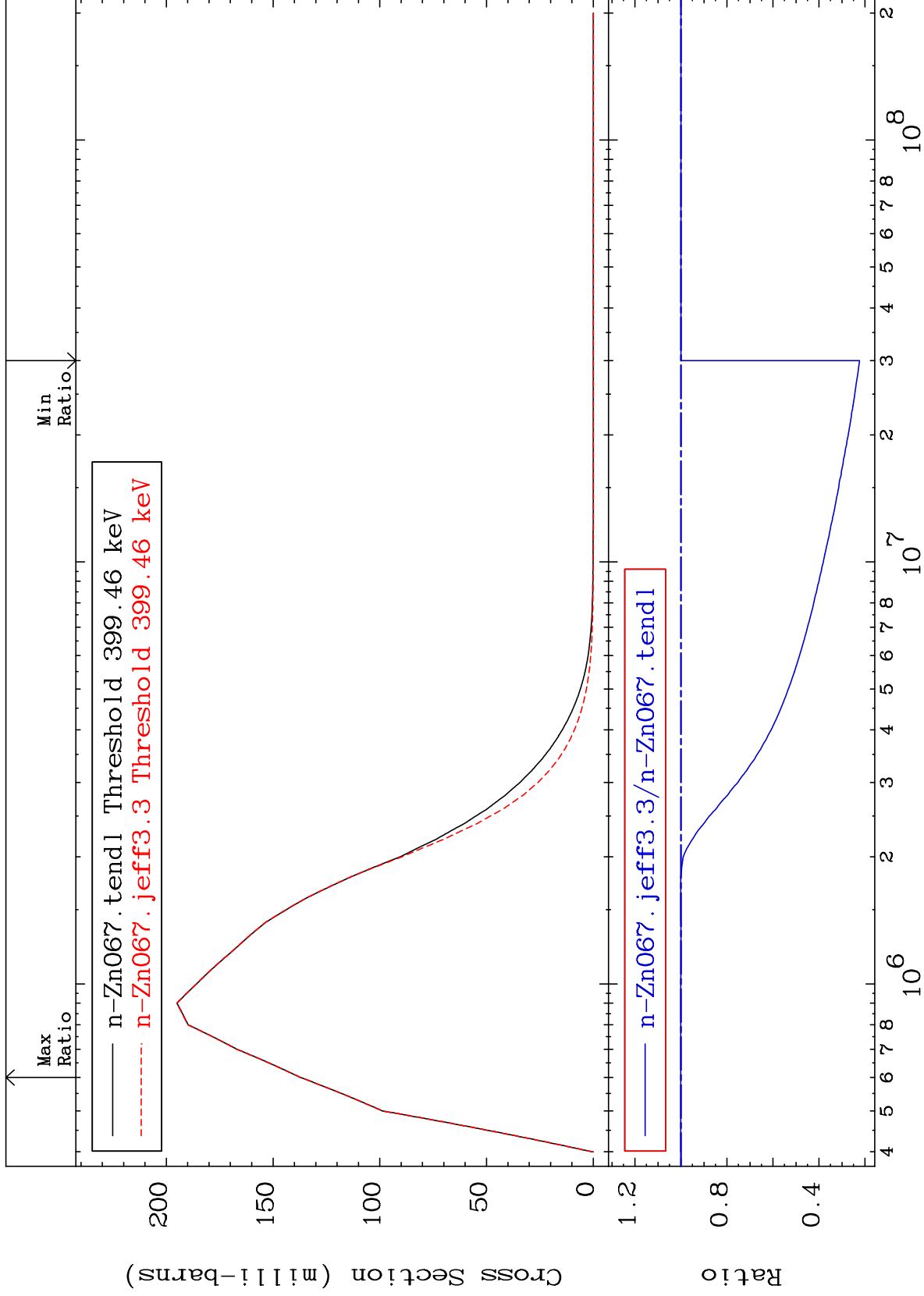
30-Zn-67
-77.63 To 0.138 %



MAT 3034

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

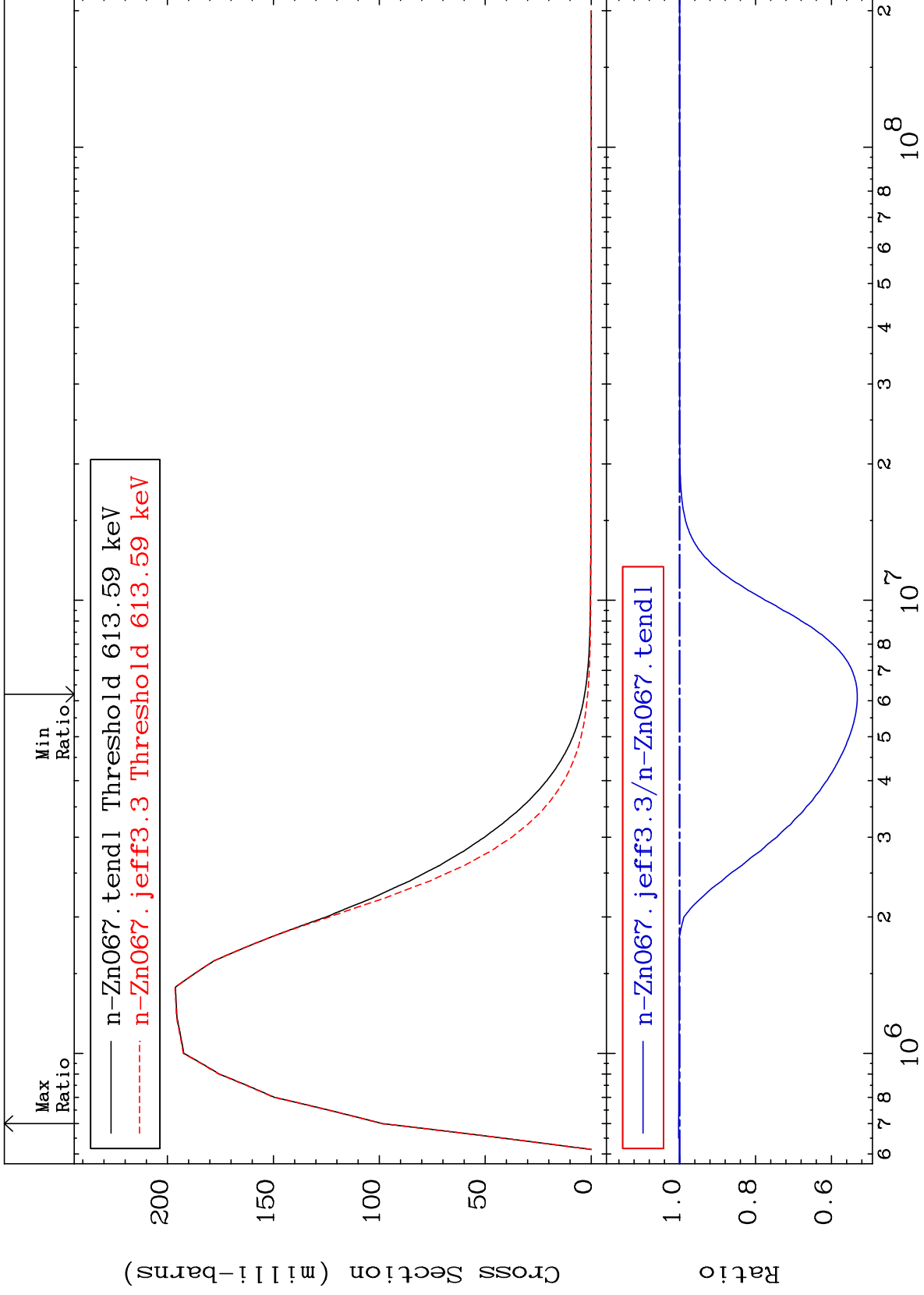
30-Zn-67
-77.63 To 0.082 %



MAT 3034

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

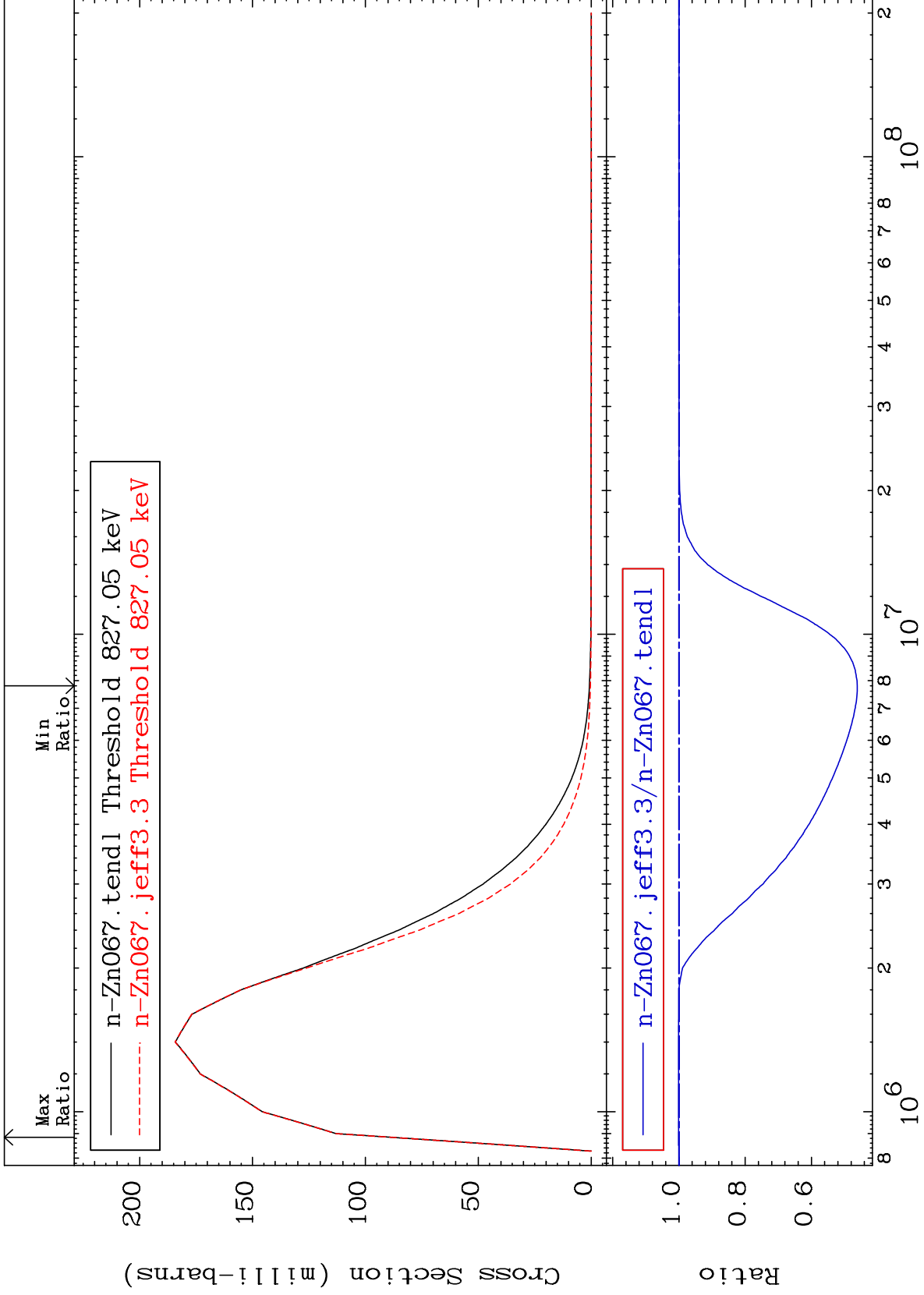
30-Zn-67
-46.82 To 0.239 %



MAT 3034

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

30-Zn-67
-53.84 To 0.083 %



25

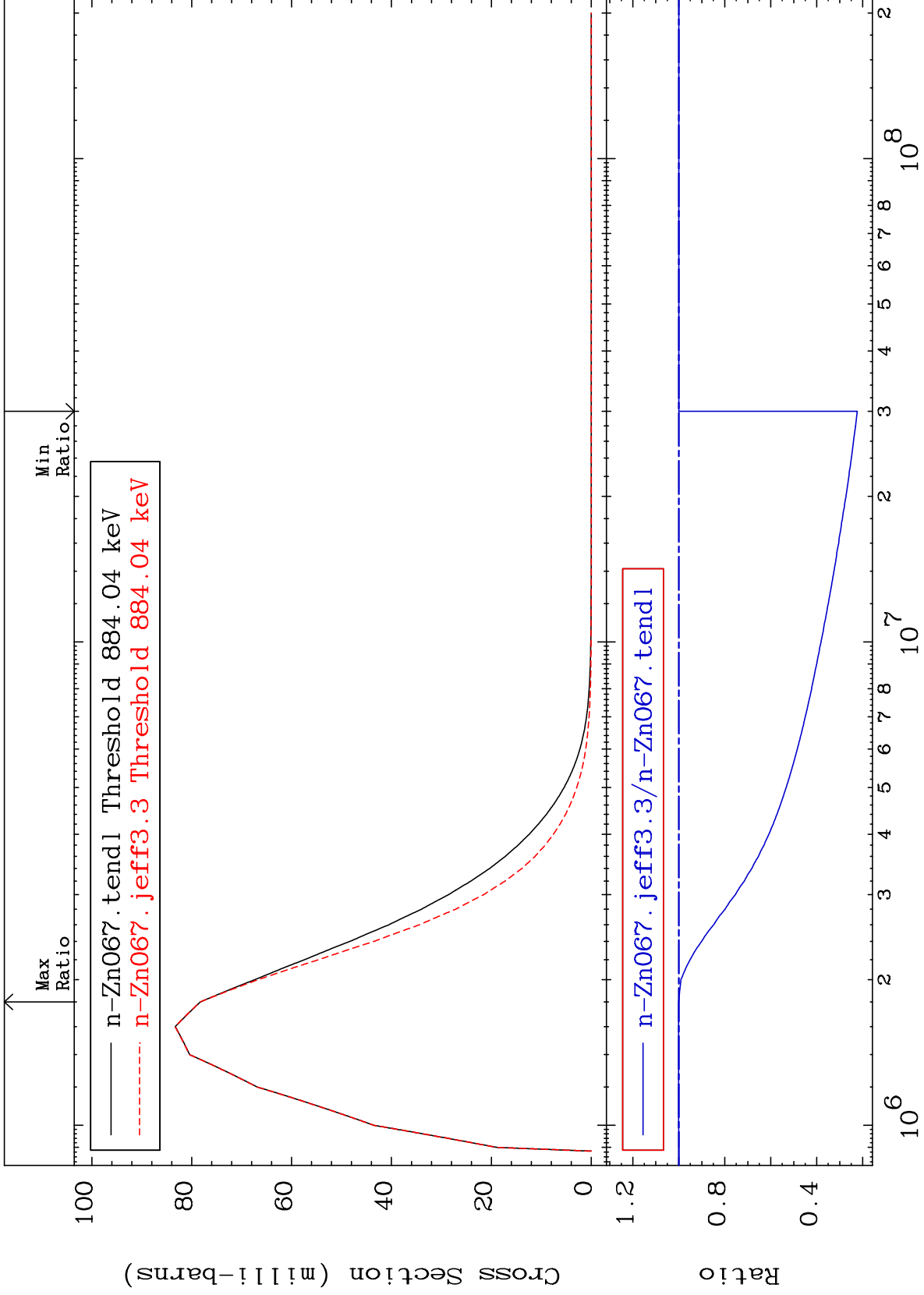
30-Zn-67

30-Zn-67

MAT 3034

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

30-Zn-67
-77.63 To 0.070 %



26

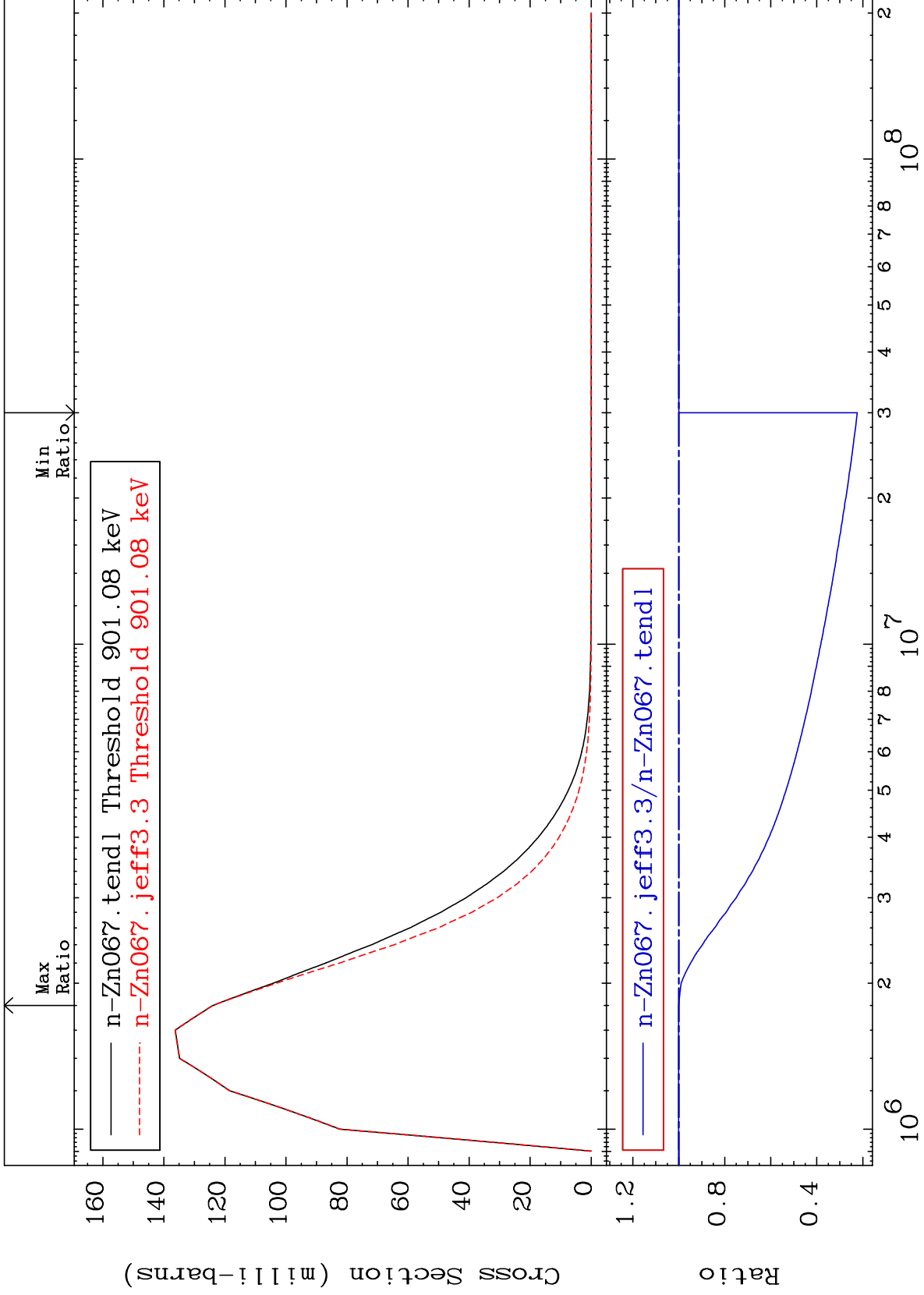
Incident Energy (eV)

30-Zn-67

MAT 3034

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

30-Zn-67
-77.60 To 0.065 %



27

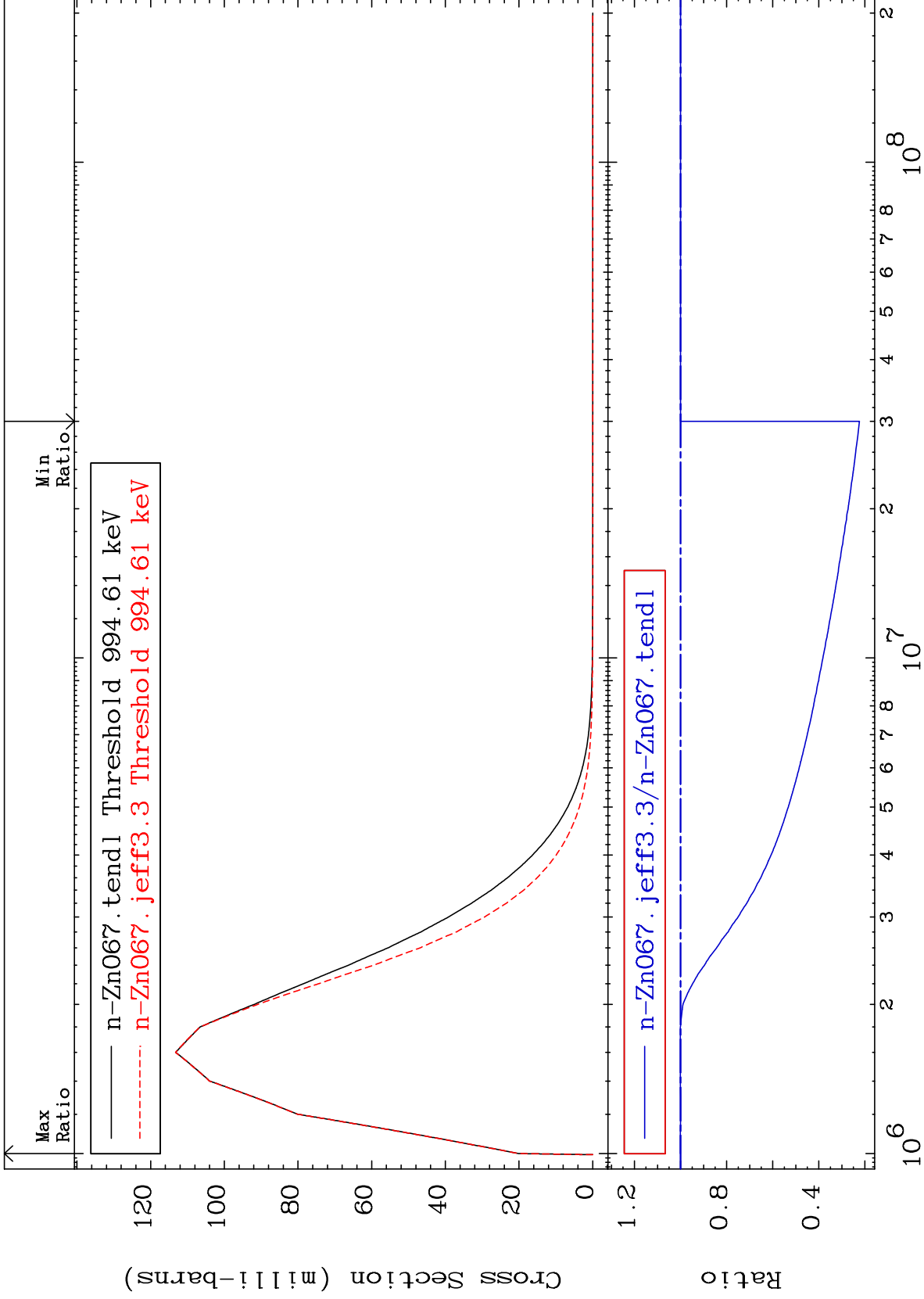
Incident Energy (eV)

30-Zn-67

MAT 3034

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

30-Zn-67
-77.61 To 0.094 %



28

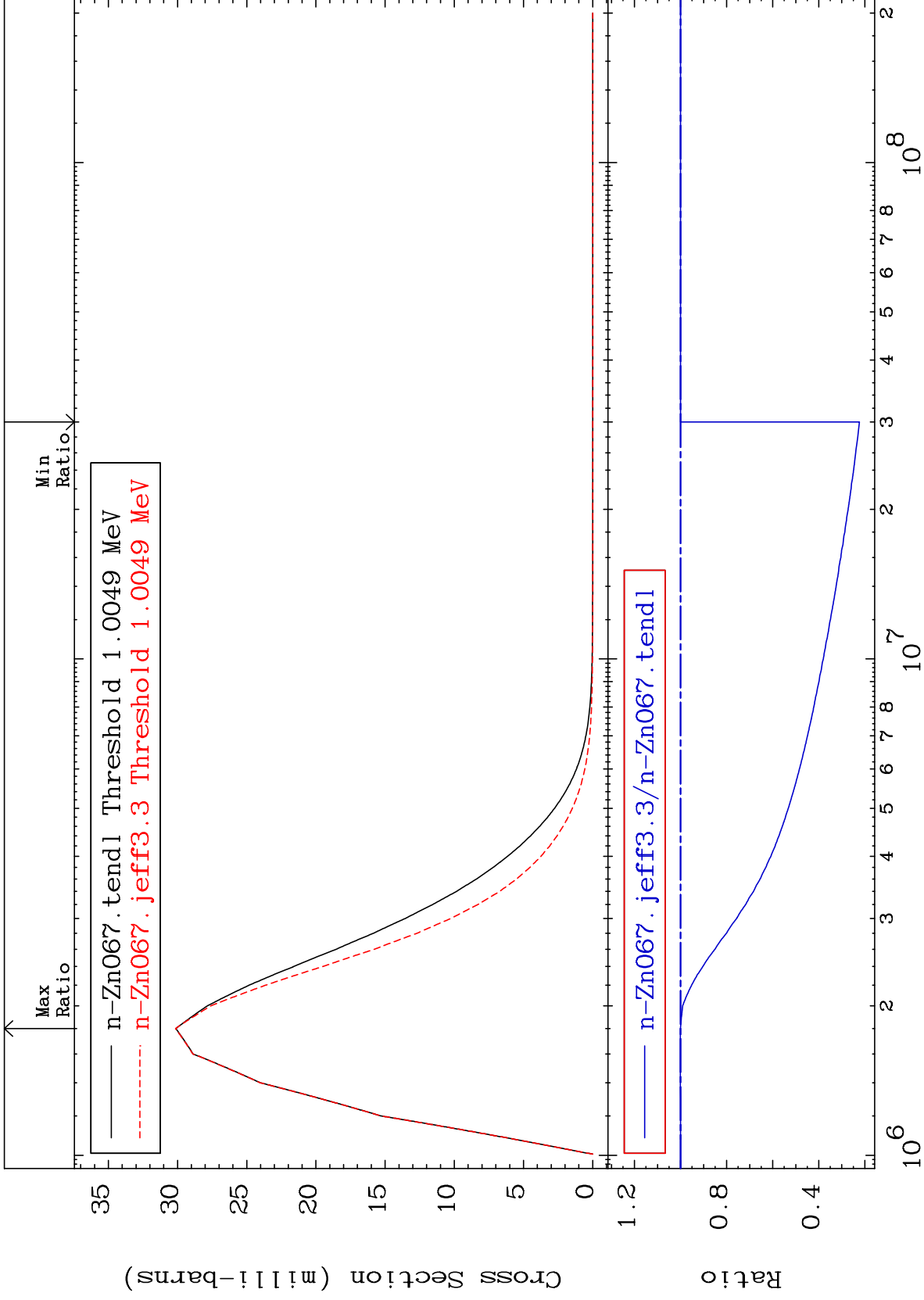
Incident Energy (eV)

30-Zn-67

MAT 3034

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

30-Zn-67
-77.65 To 0.082 %



29

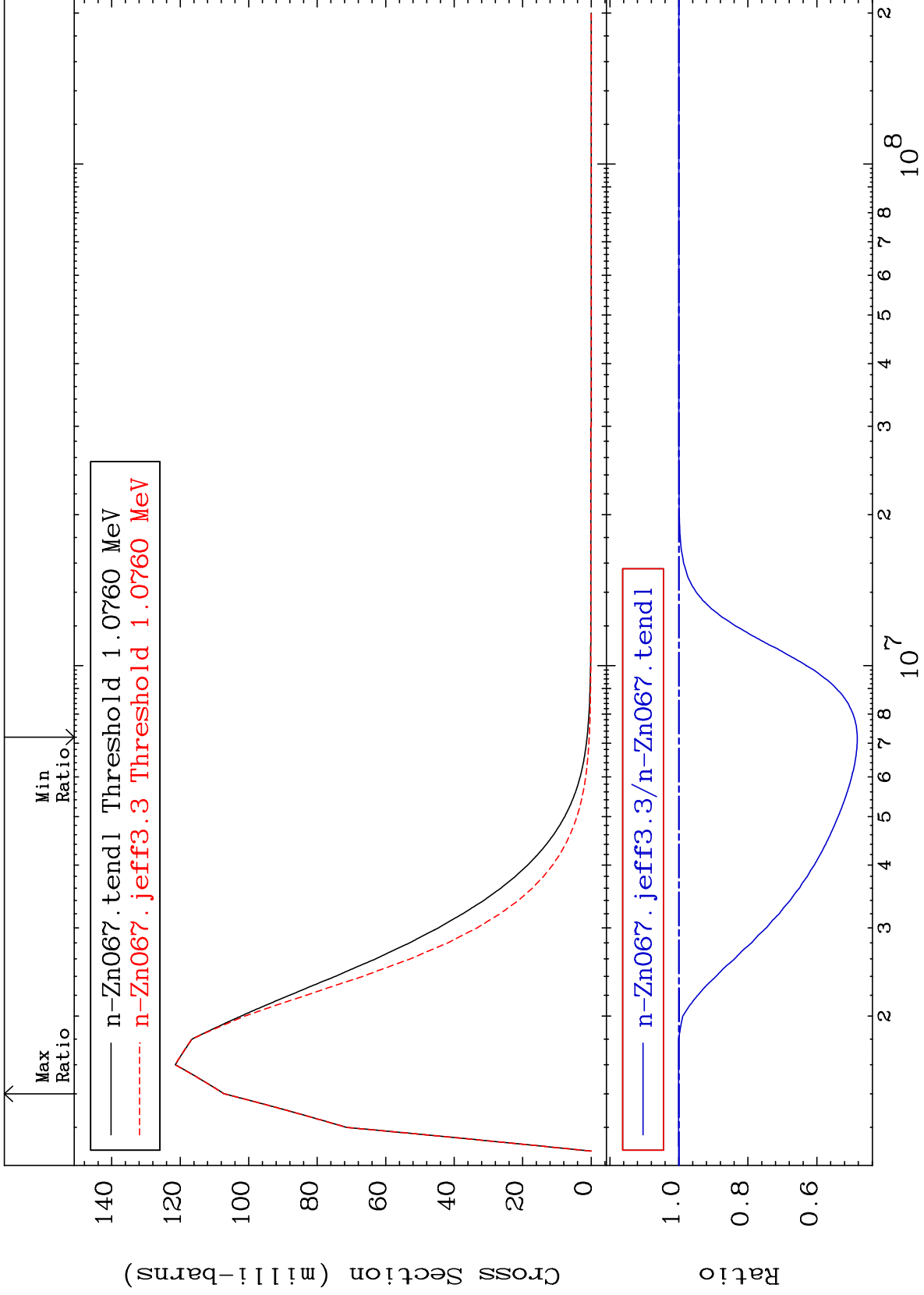
Incident Energy (eV)

30-Zn-67

MAT 3034

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

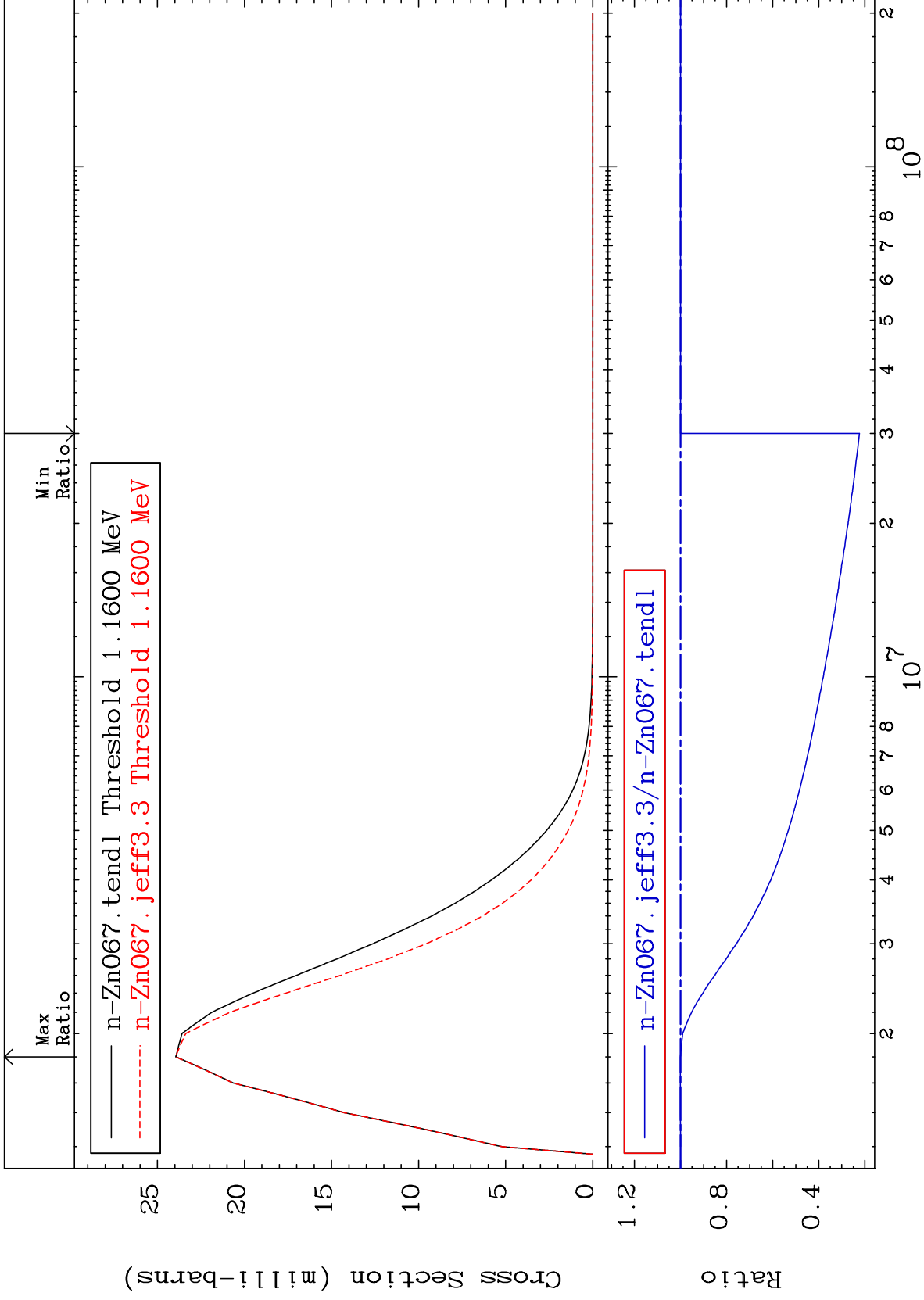
30-Zn-67
-51.69 To 0.073 %



MAT 3034

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

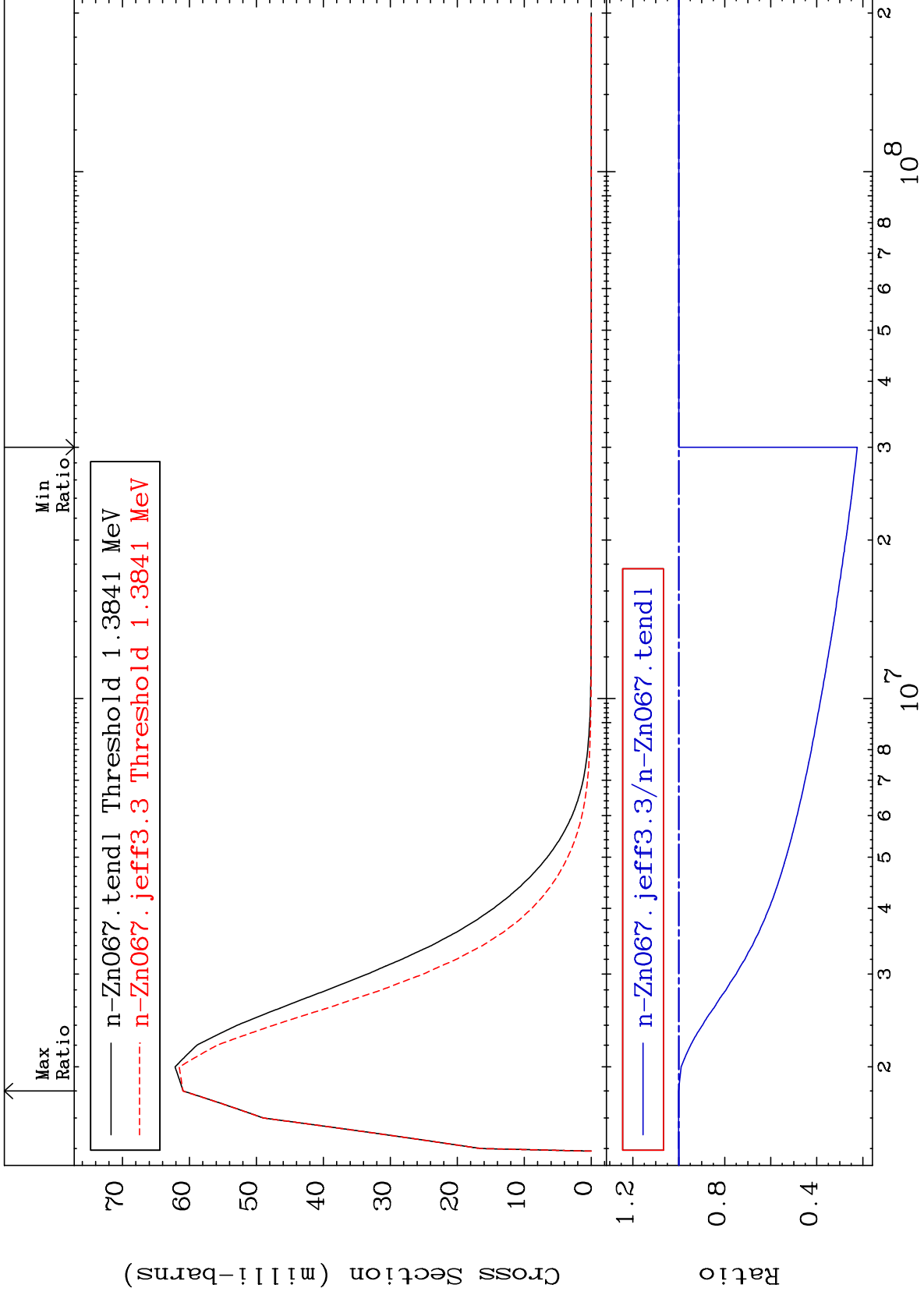
30-Zn-67
-77.65 To 0.084 %



MAT 3034

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

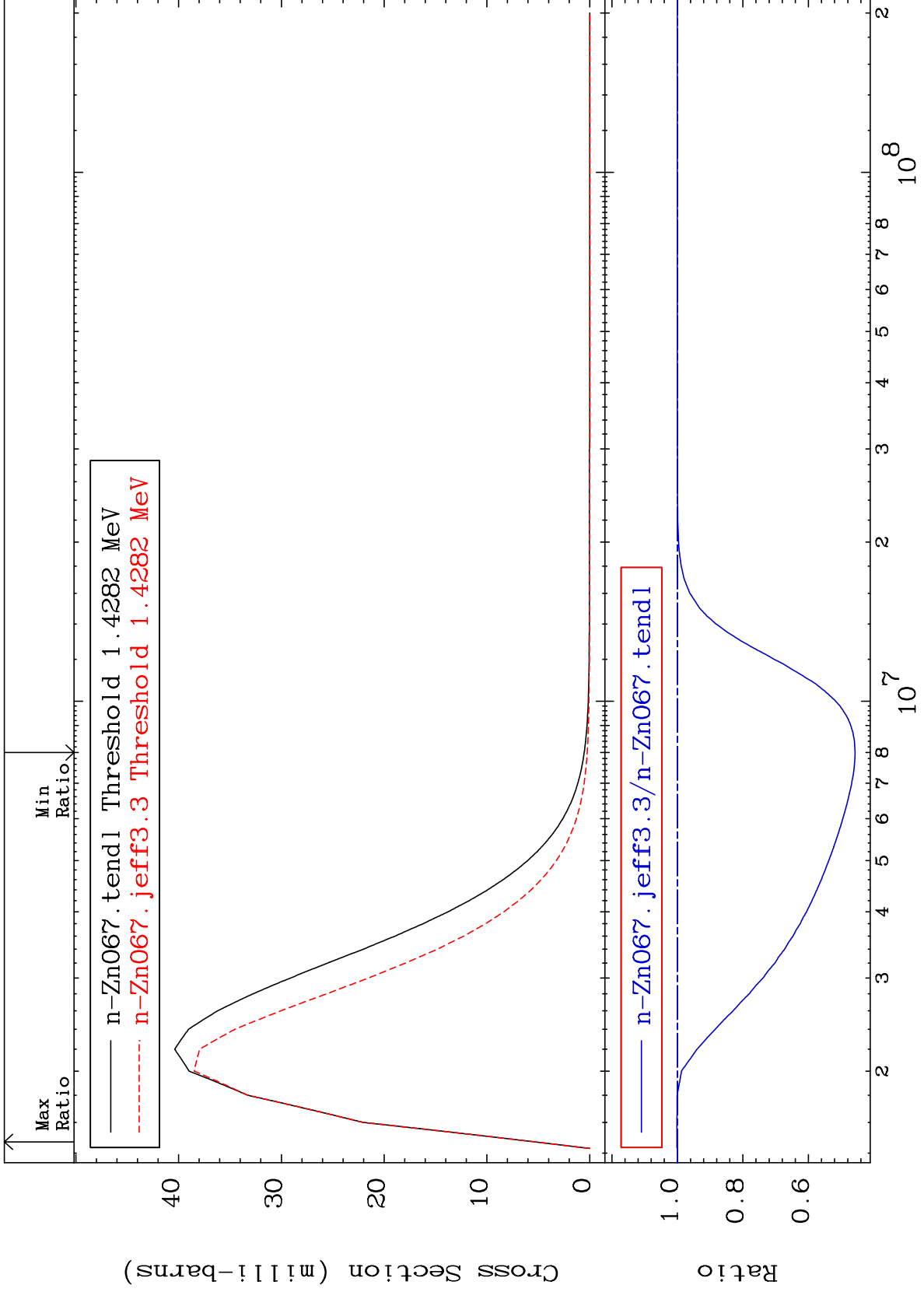
30-Zn-67
-77.60 To 0.062 %



MAT 3034

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

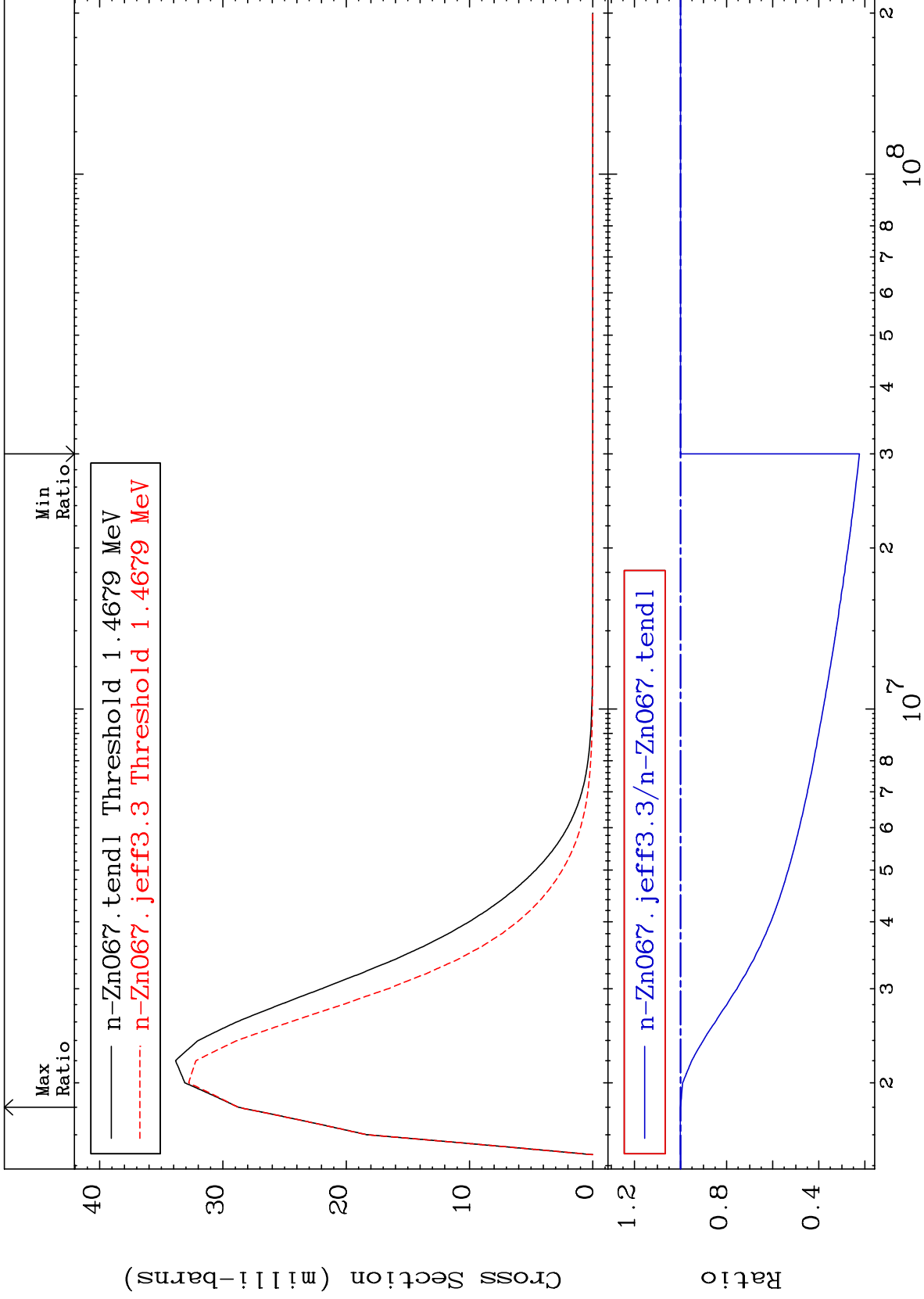
30-Zn-67
-54.24 To 0.143 %



MAT 3034

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

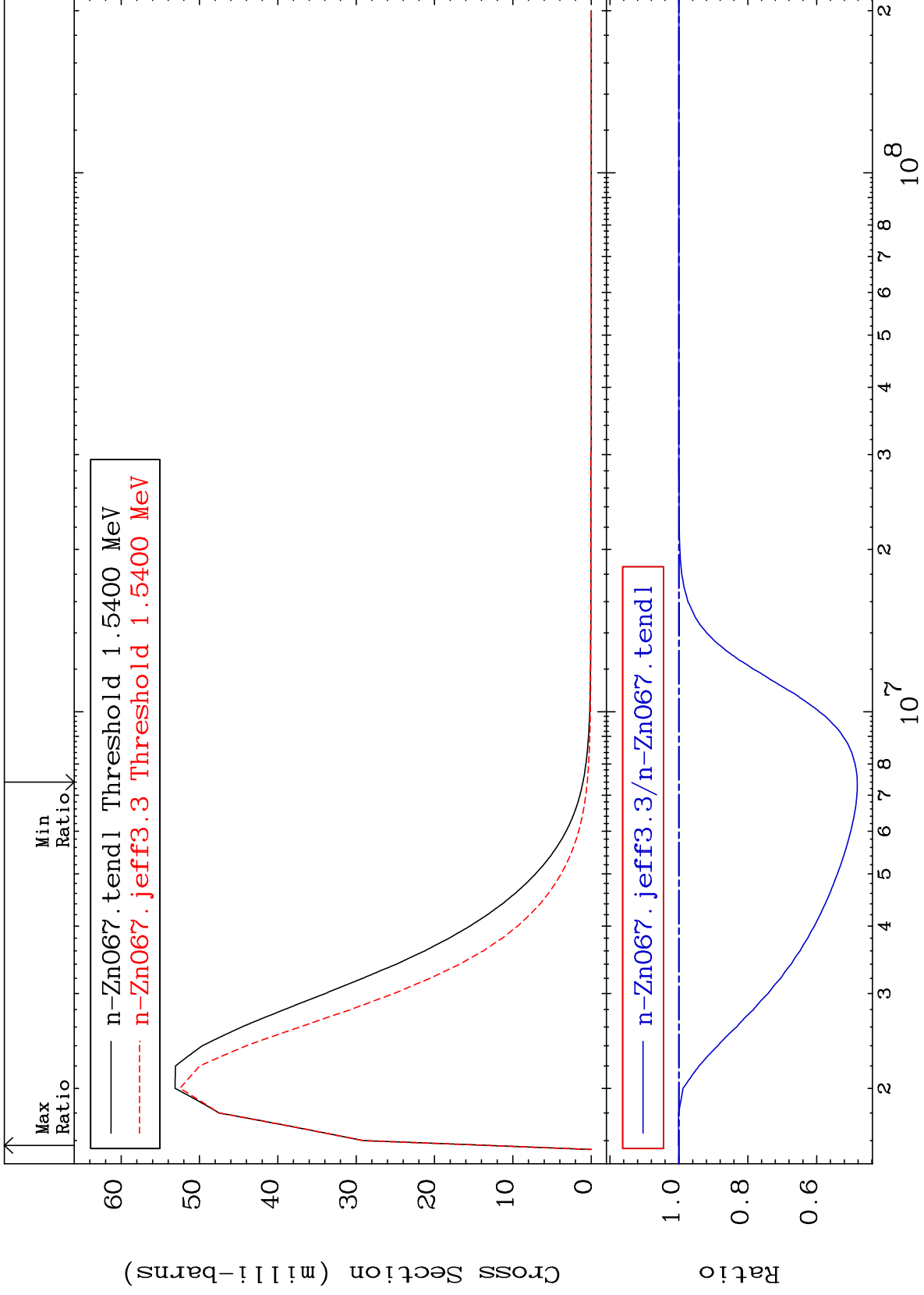
30-Zn-67
-77.64 To 0.067 %



MAT 3034

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

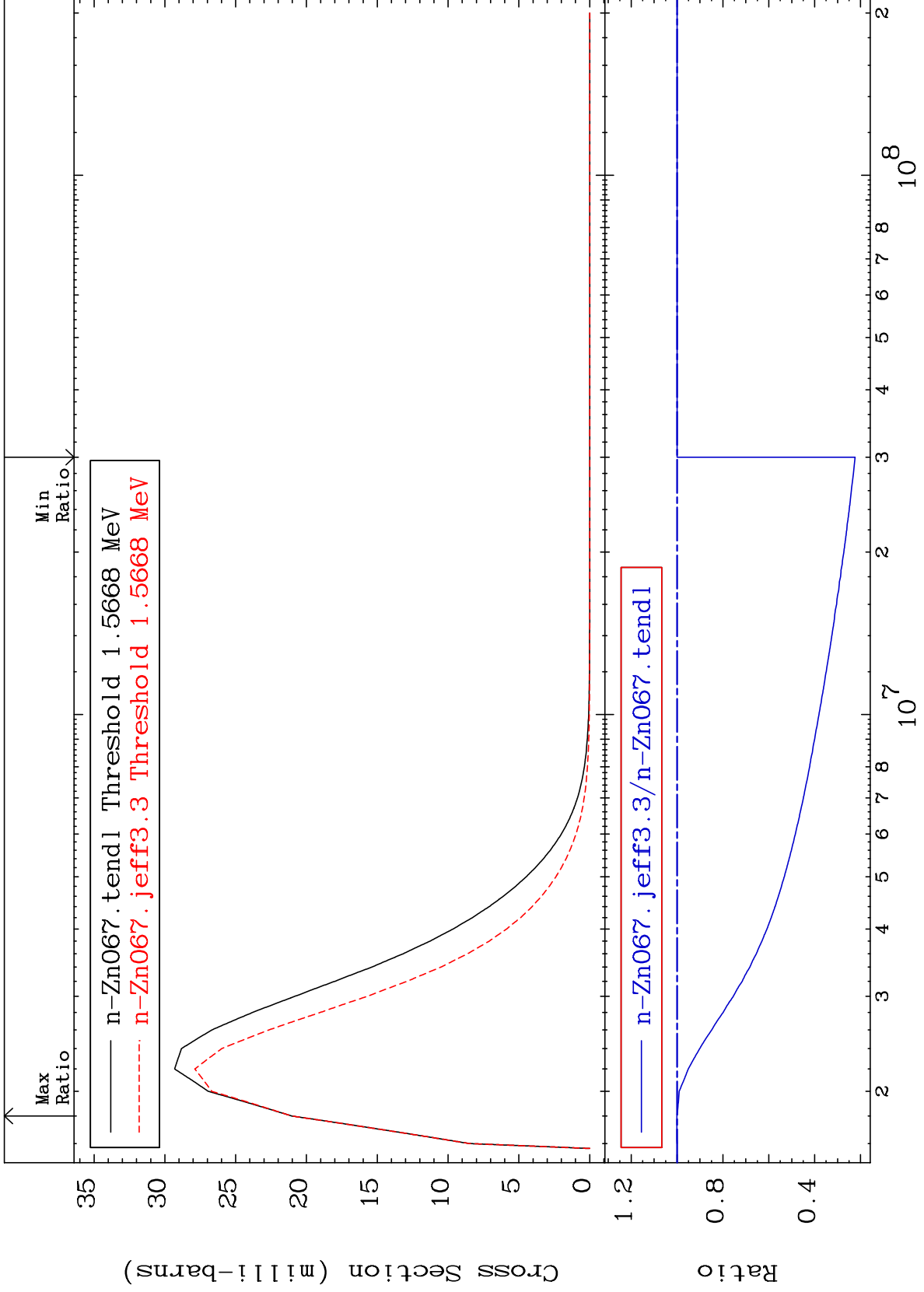
30-Zn-67
-51.77 To 0.071 %

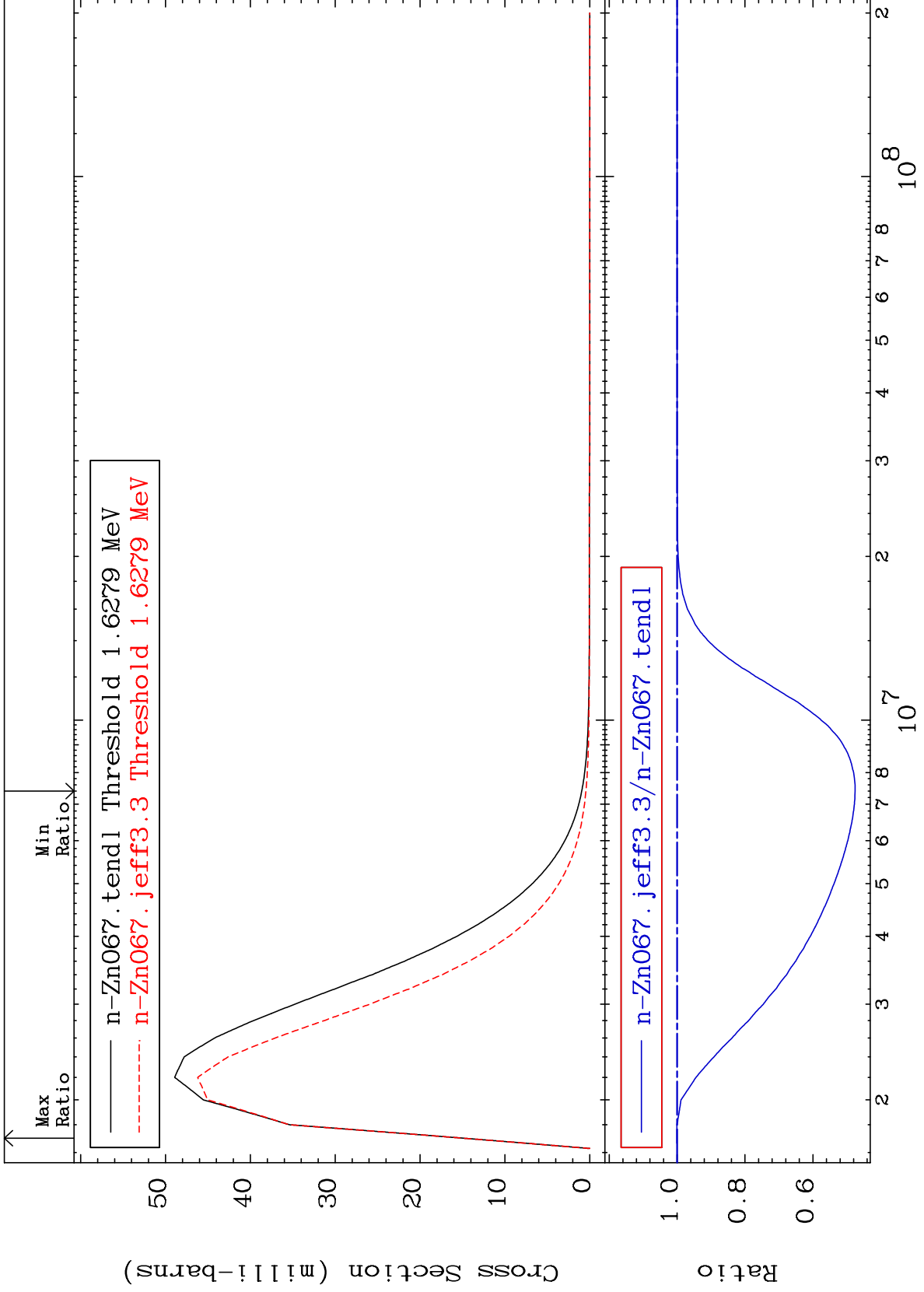


MAT 3034

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

30-Zn-67
-77.64 To 0.062 %

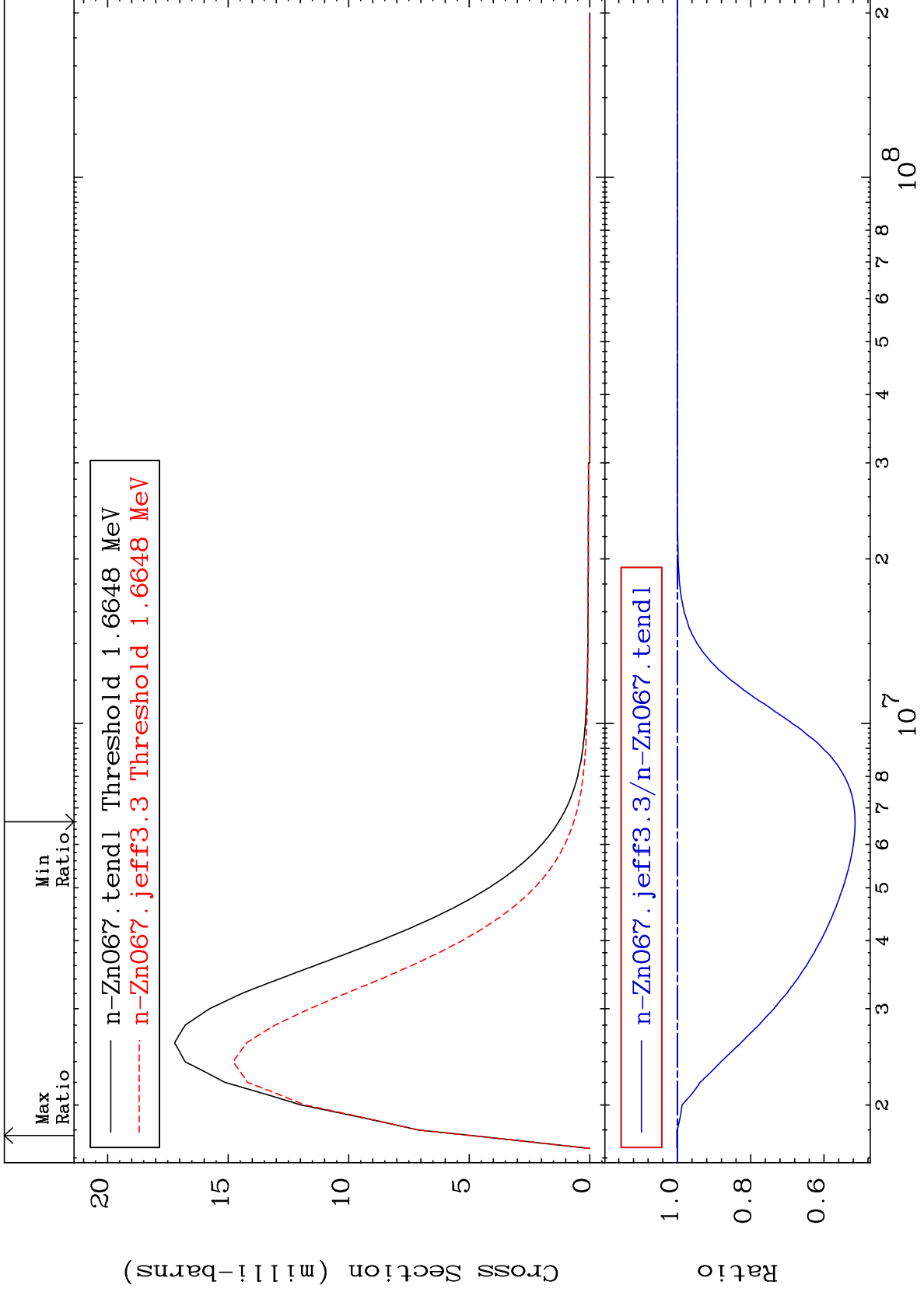




MAT 3034

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

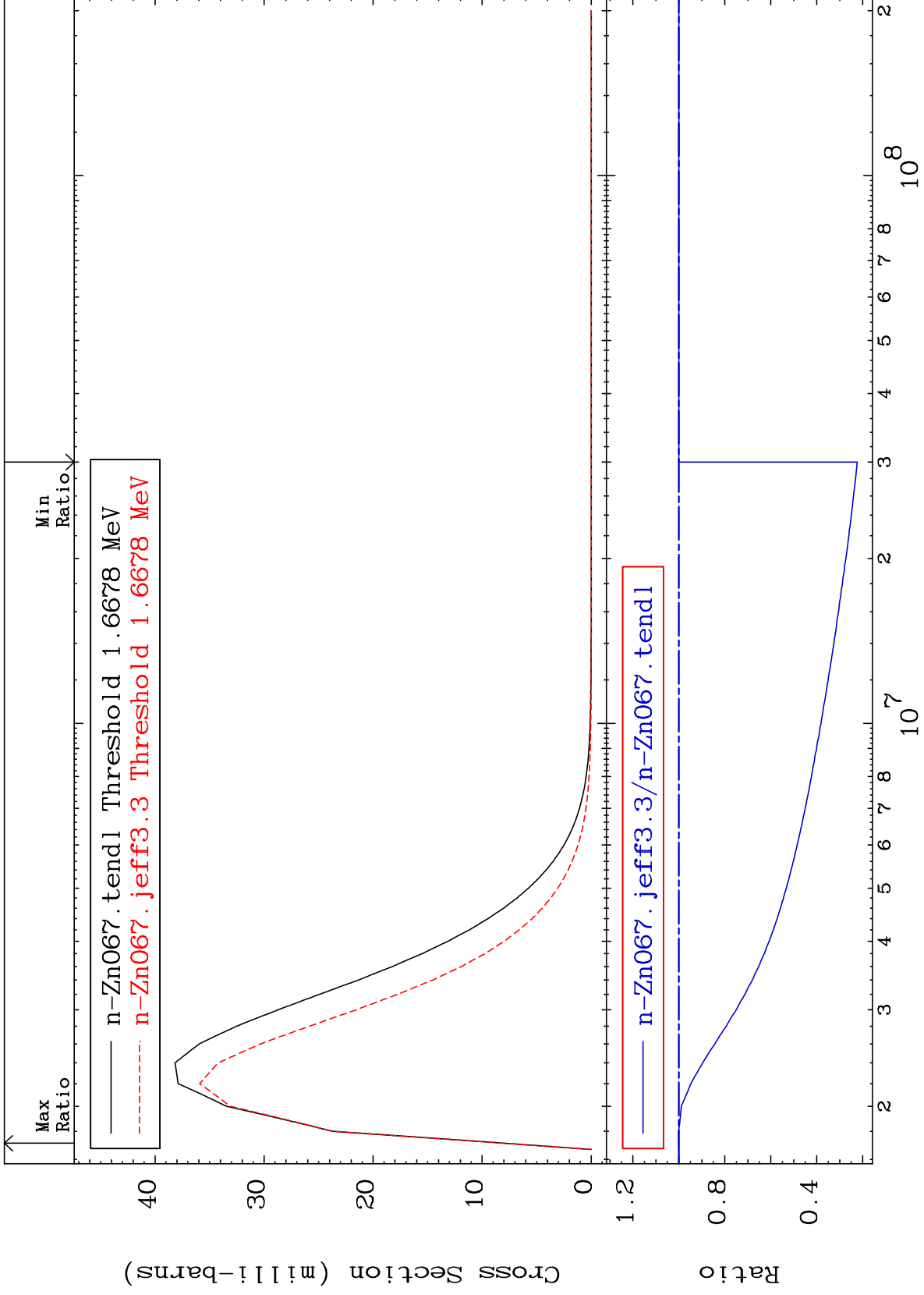
30-Zn-67
-48.49 To 0.131 %



MAT 3034

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

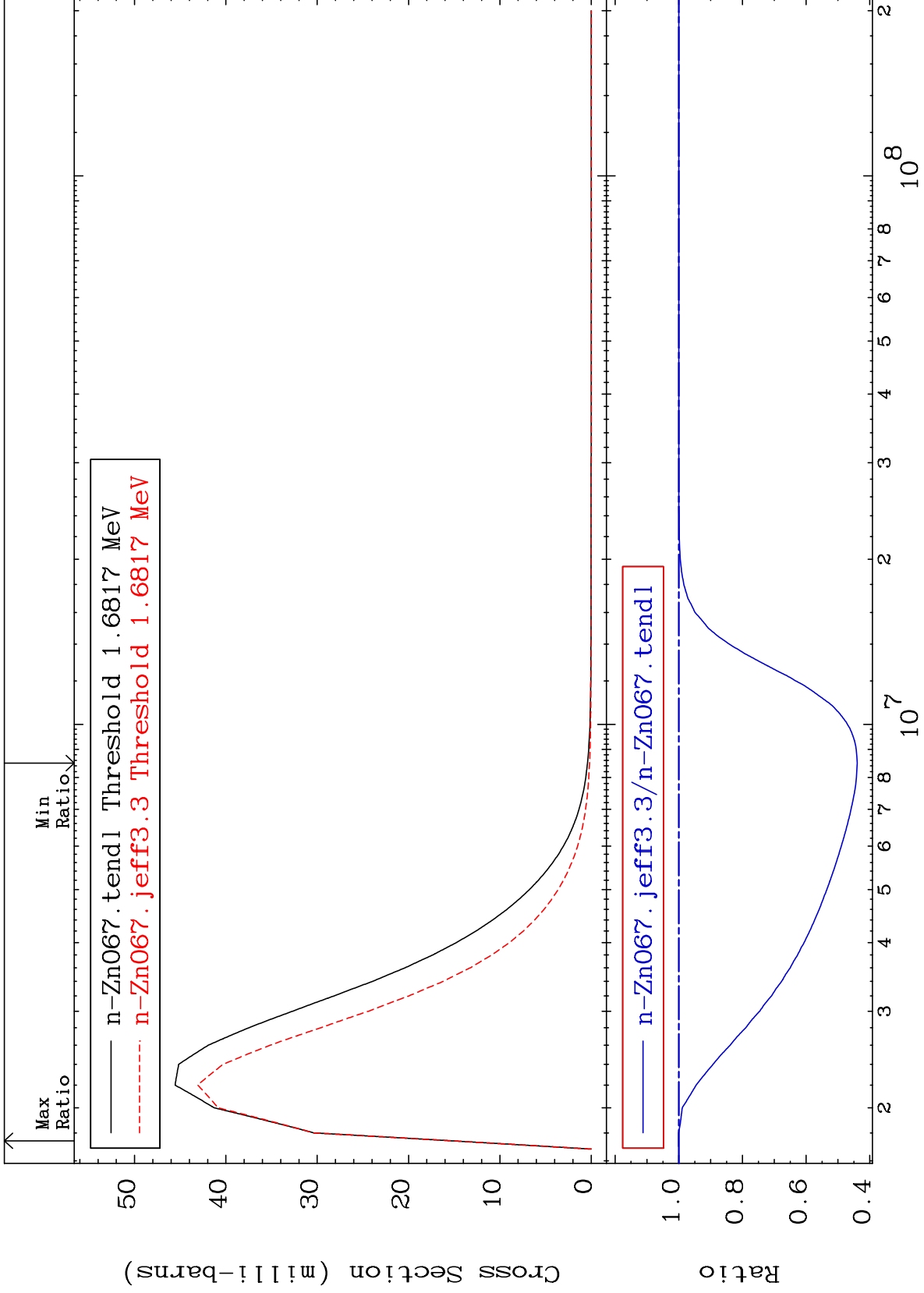
30-Zn-67
-77.61 To 0.103 %



MAT 3034

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

30-Zn-67
-56.07 To 0.053 %



40

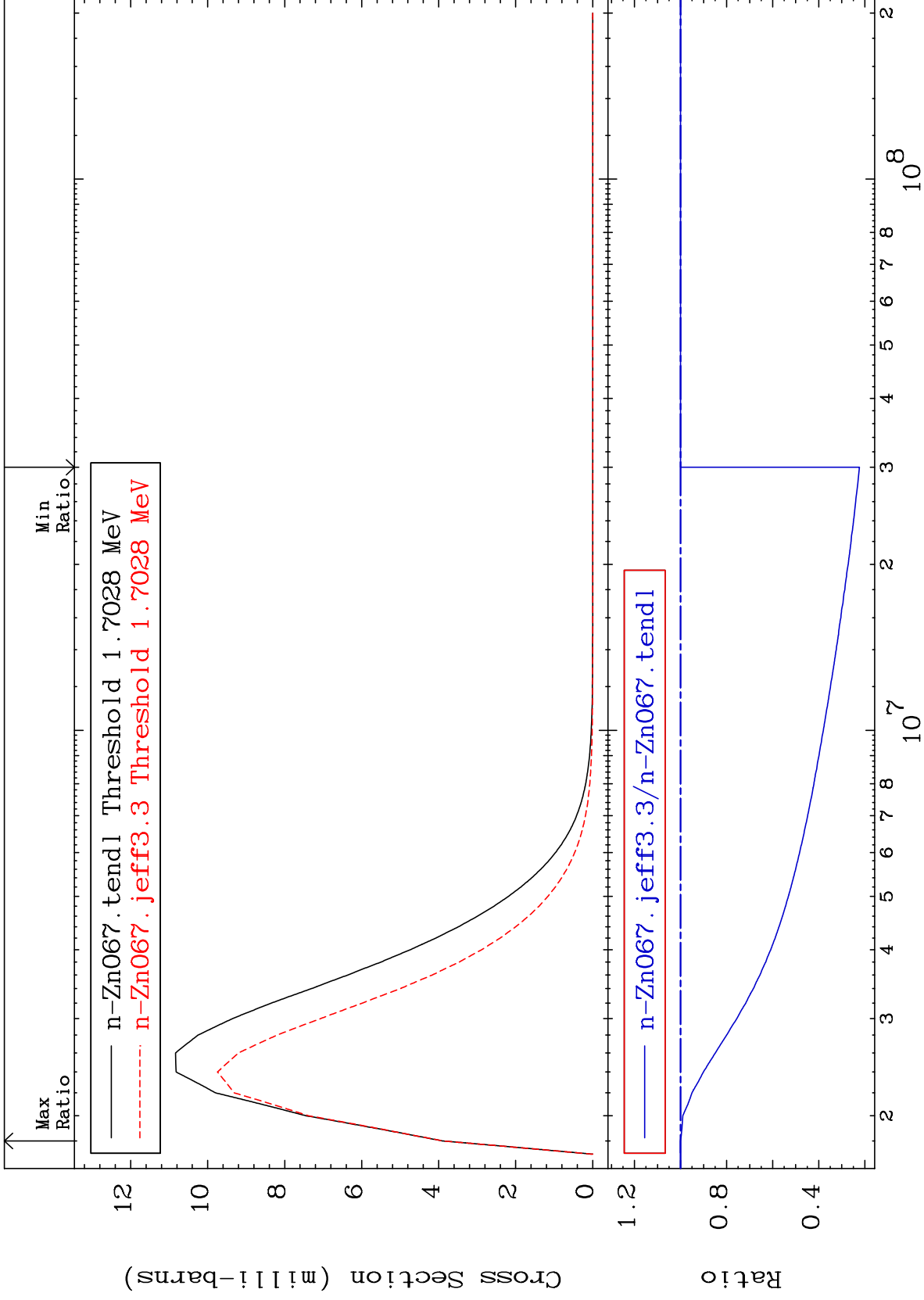
Incident Energy (eV)

30-Zn-67

MAT 3034

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

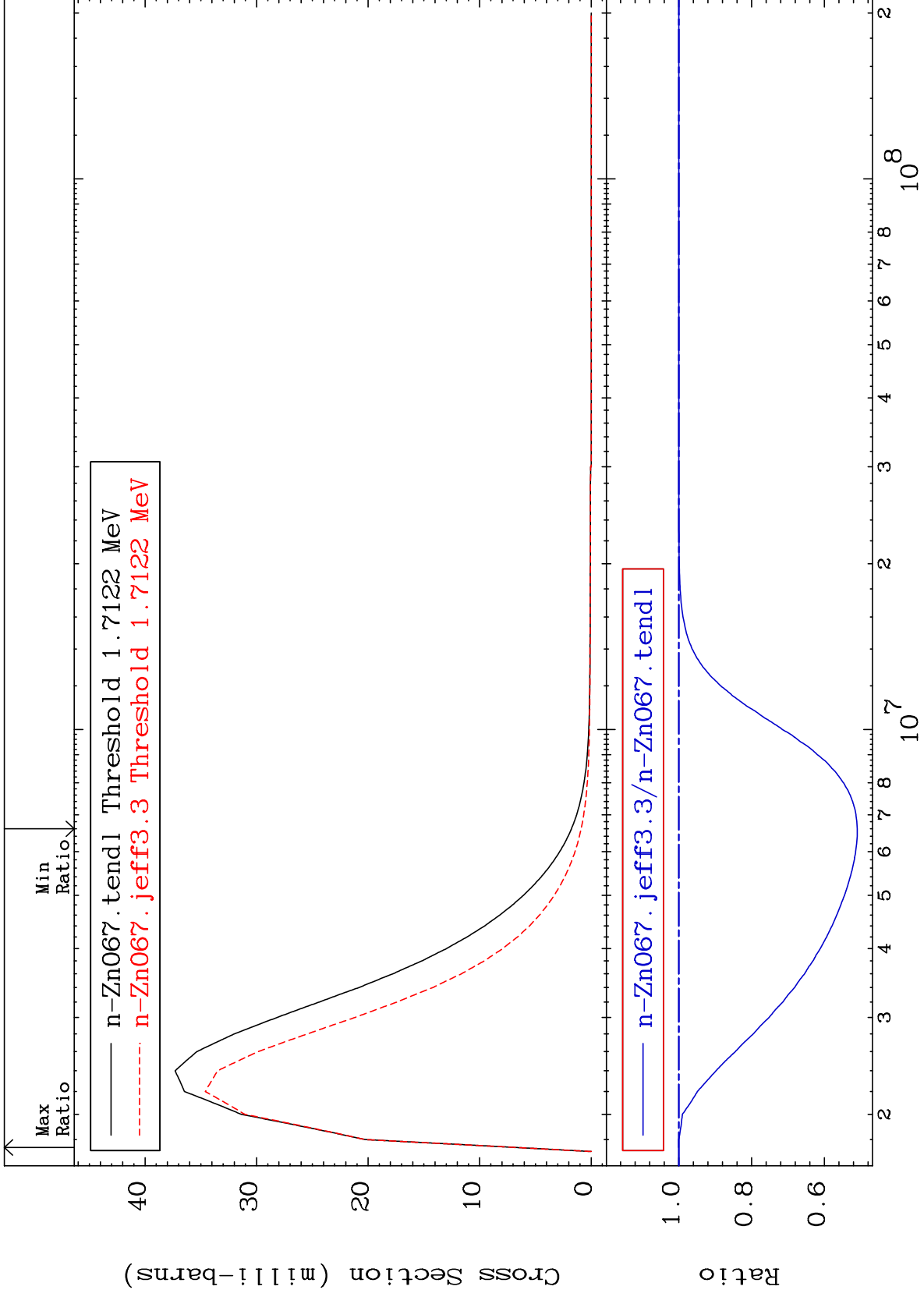
30-Zn-67
-77.66 To 0.085 %



MAT 3034

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

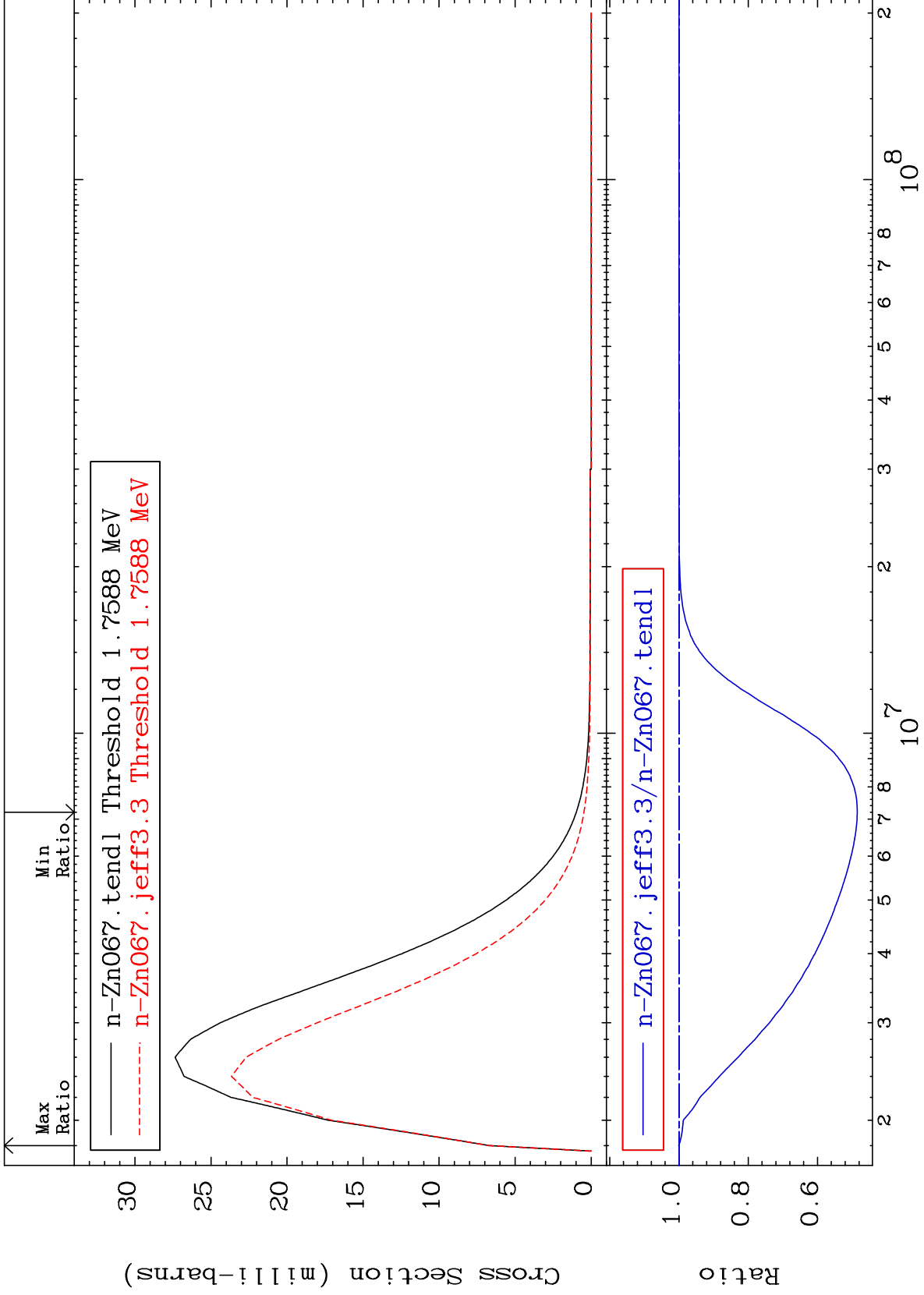
30-Zn-67
-49.03 To 0.045 %



MAT 3034

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

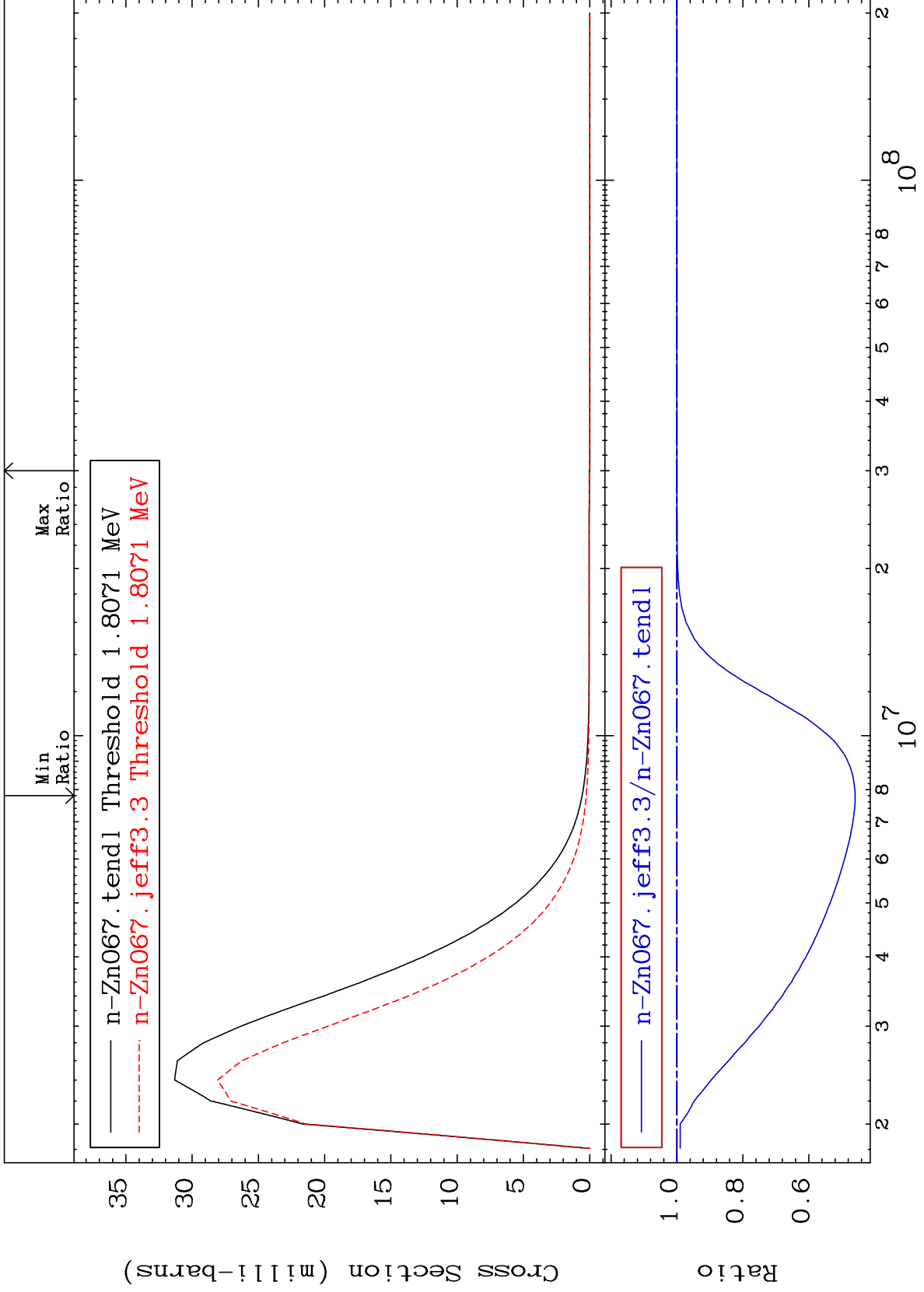
30-Zn-67
-51.49 To 0.091 %



MAT 3034

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

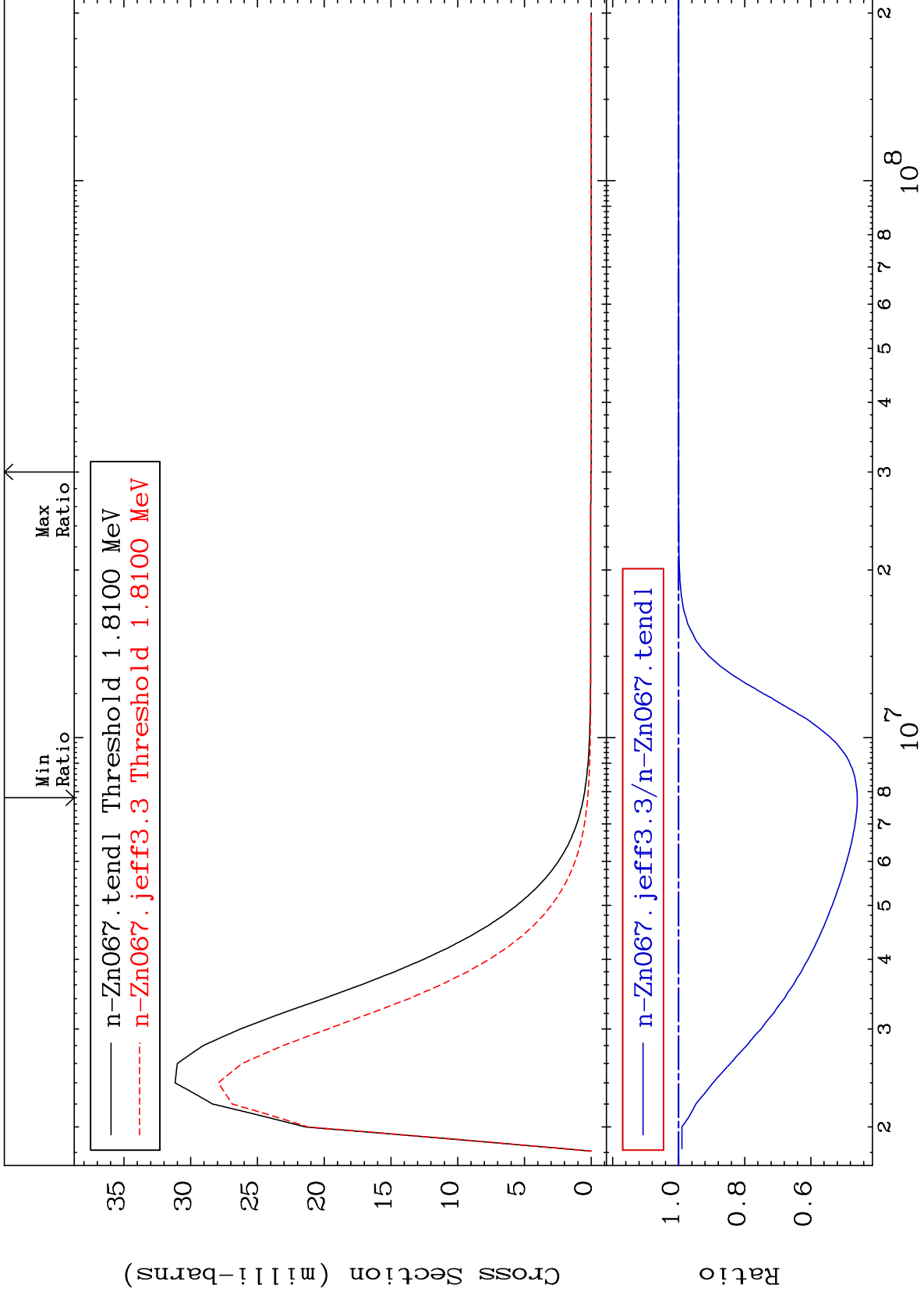
30-Zn-67
-54.07 To 0.000 %



MAT 3034

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

30-Zn-67
-54.07 To 0.000 %



45

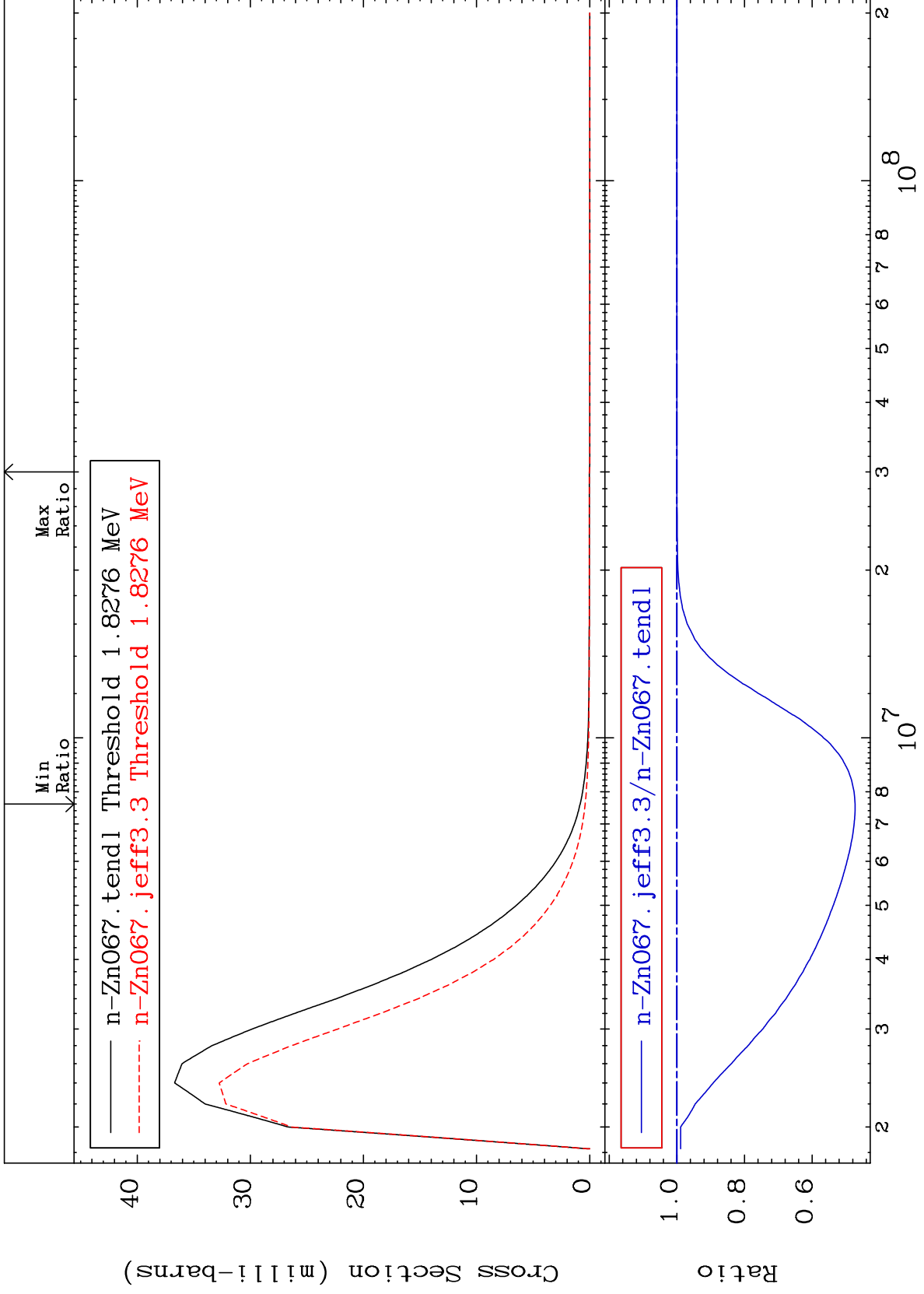
Incident Energy (eV)

30-Zn-67

MAT 3034

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

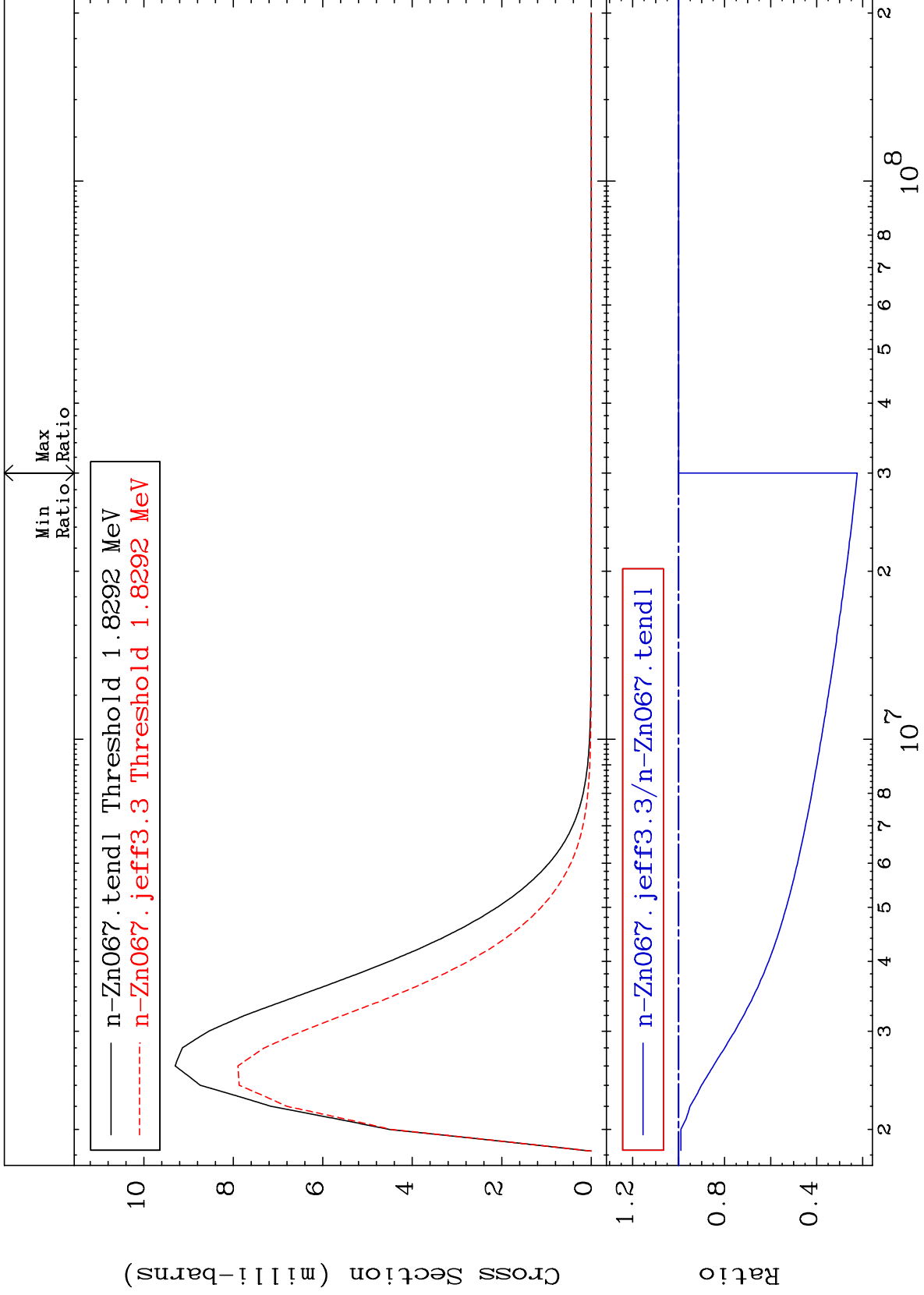
30-Zn-67
-52.70 To 0.000 %



MAT 3034

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

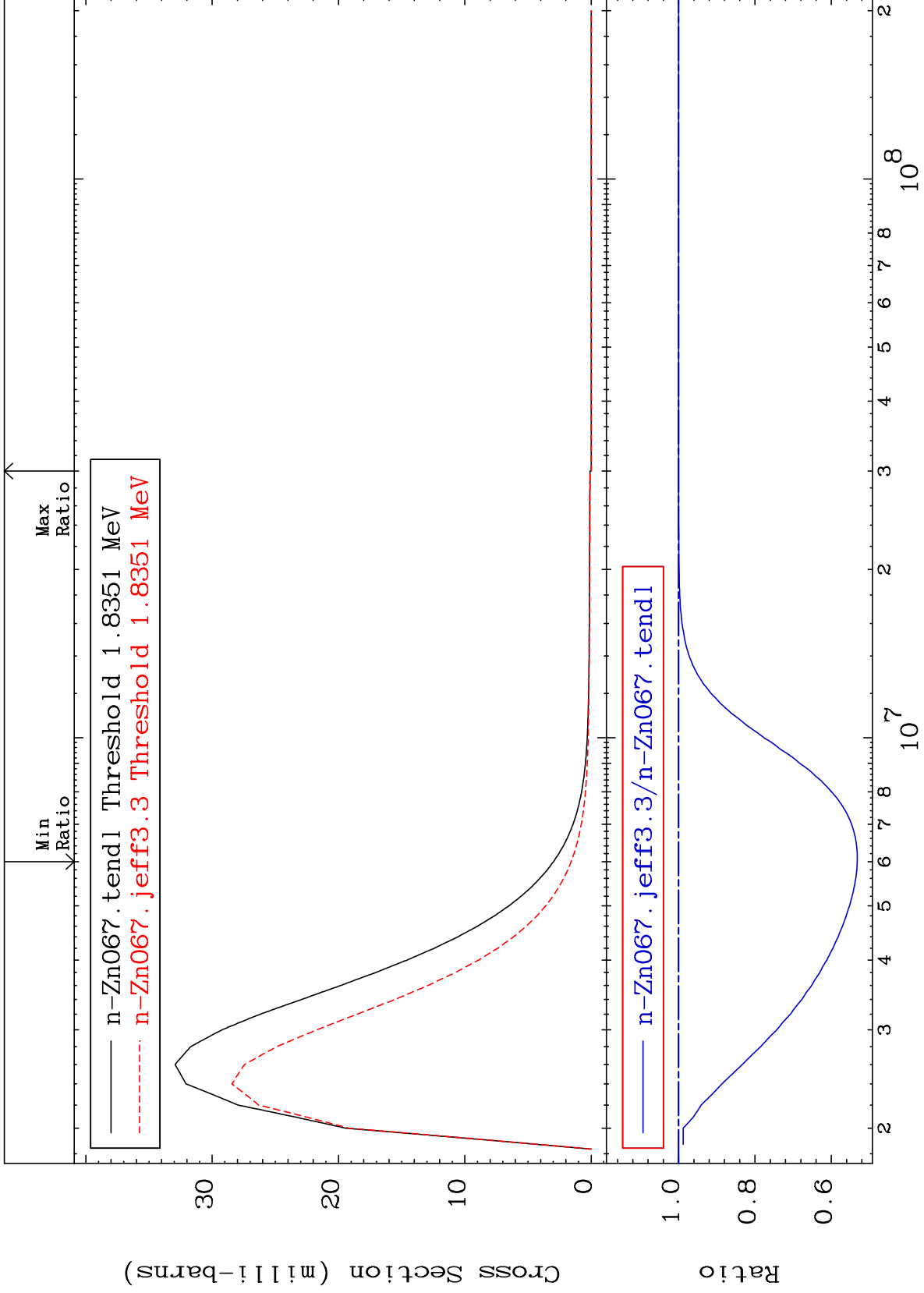
30-Zn-67
-77.66 To 0.000 %



MAT 3034

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

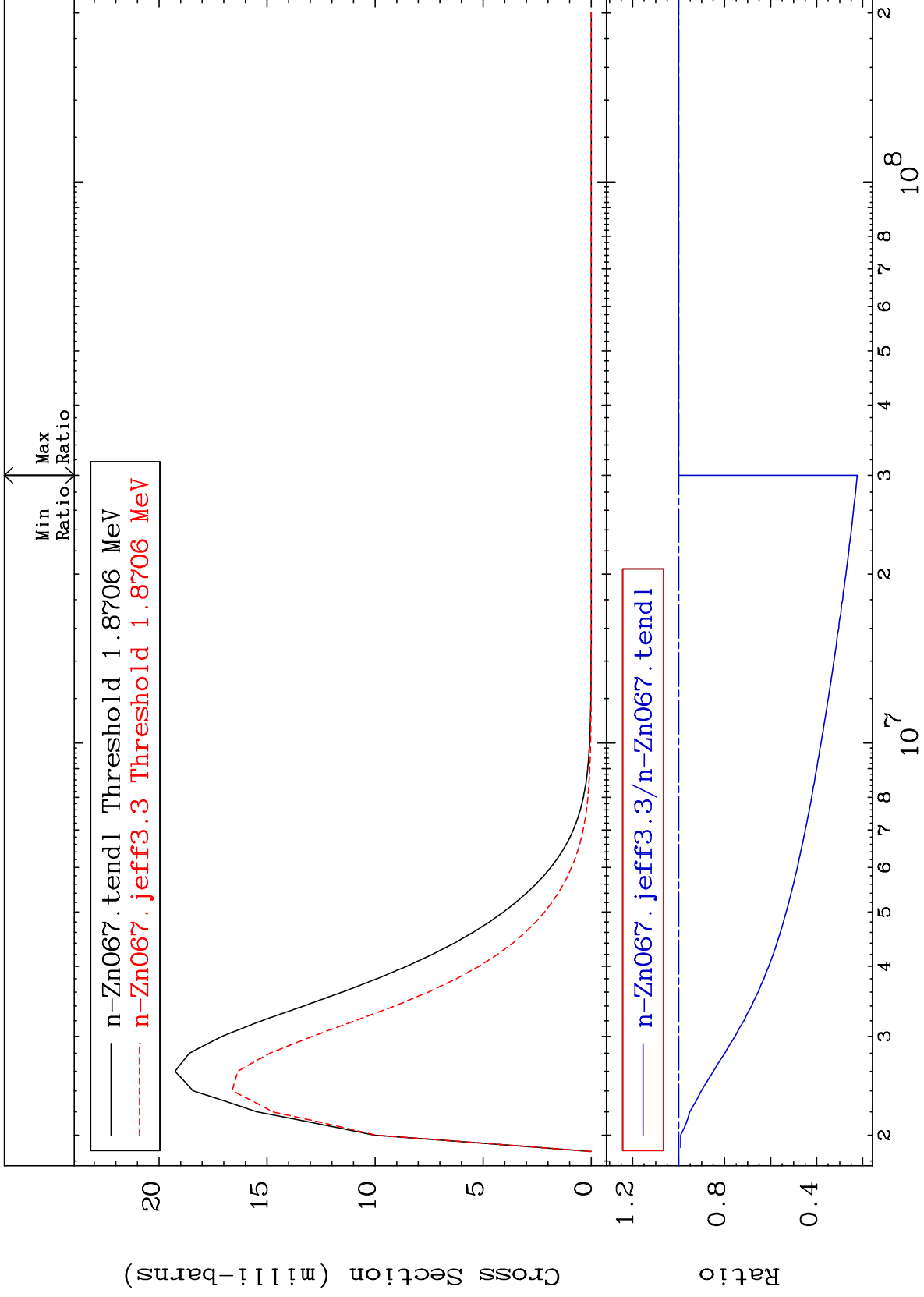
30-Zn-67
-46.79 To 0.000 %



MAT 3034

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

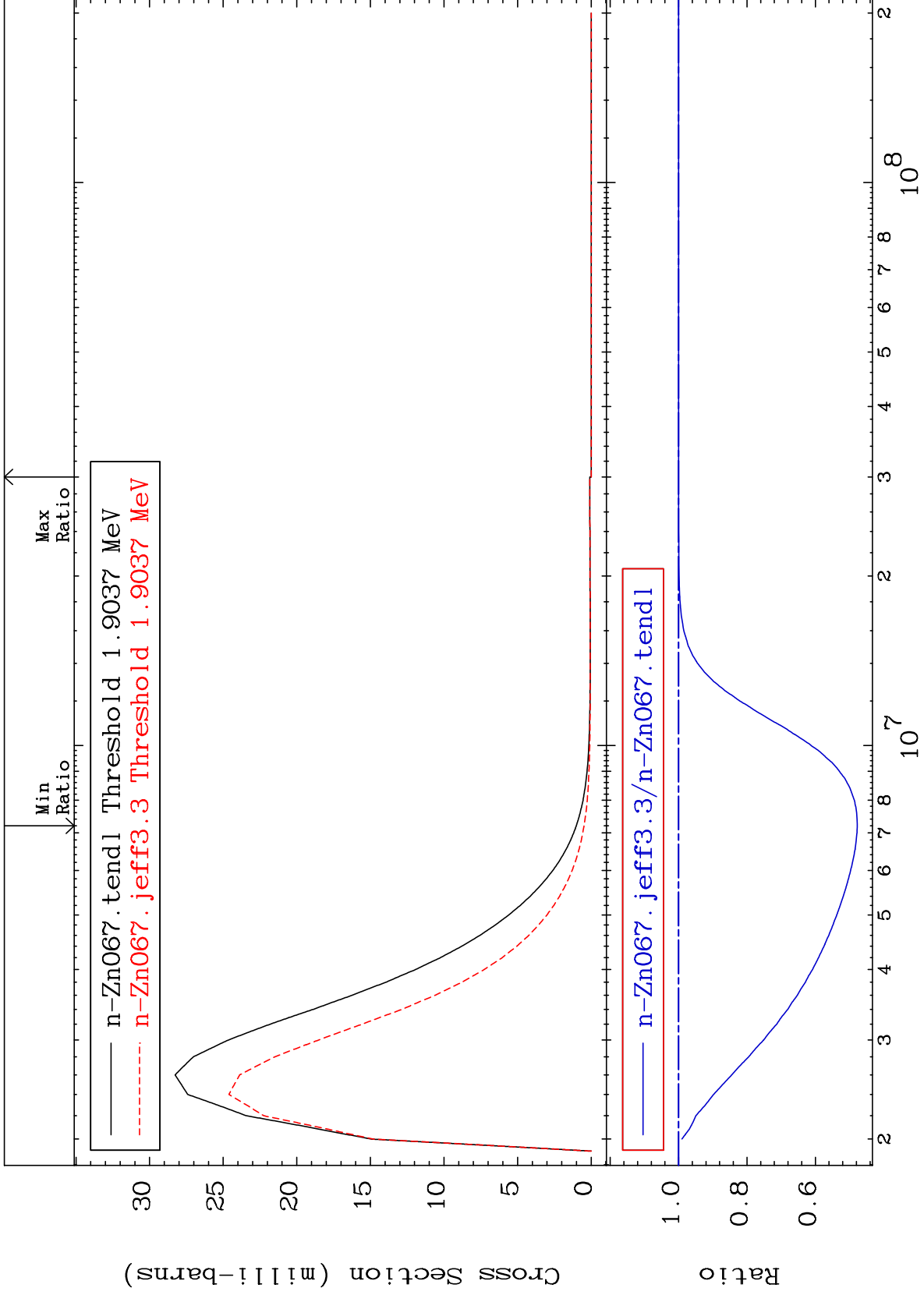
30-Zn-67
-77.64 To 0.000 %



MAT 3034

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

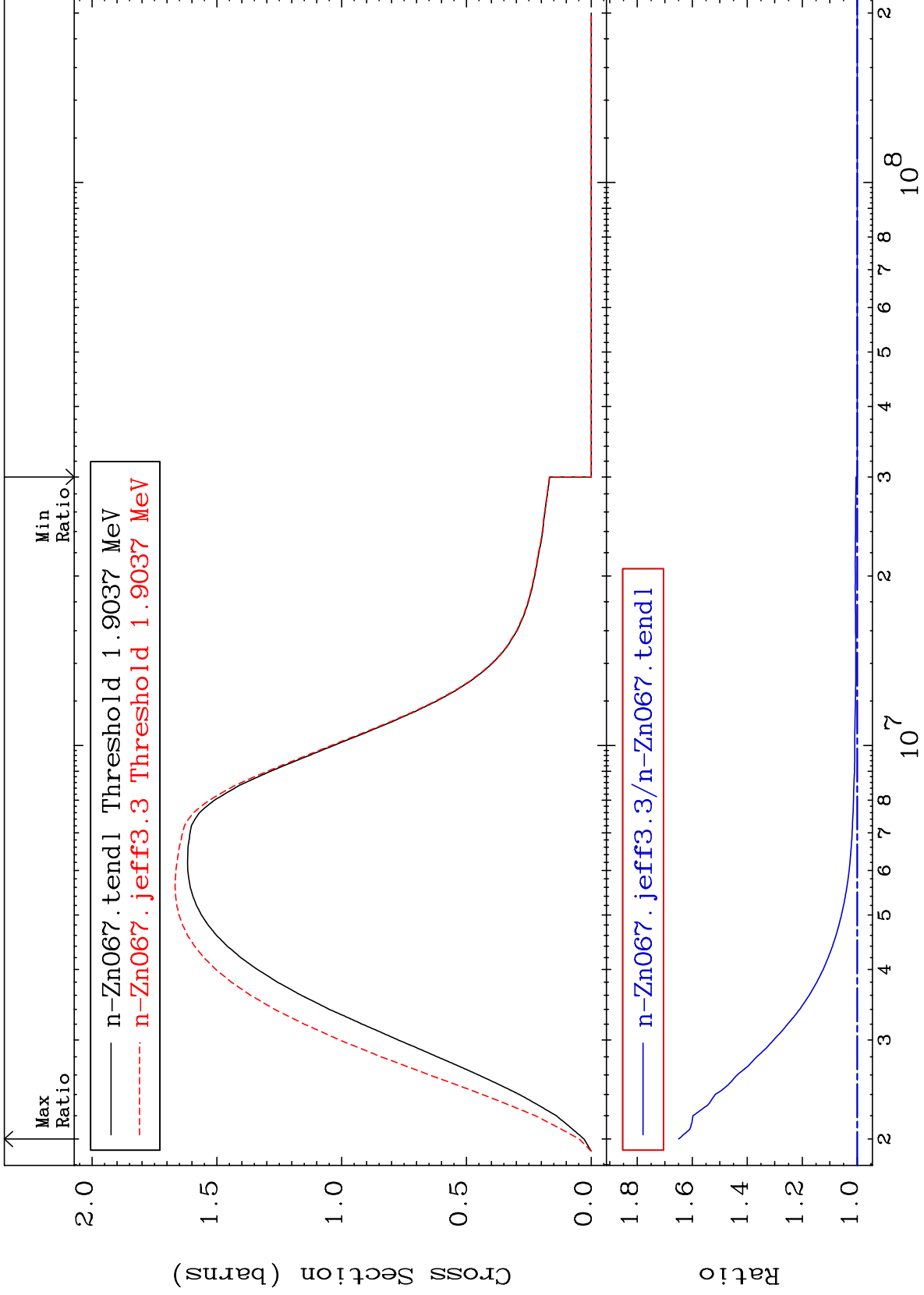
30-Zn-67
-52.25 To 0.000 %



MAT 3034

(n, n') Continuum
Cross Section

30-Zn-67
0.000 To 64.97 %



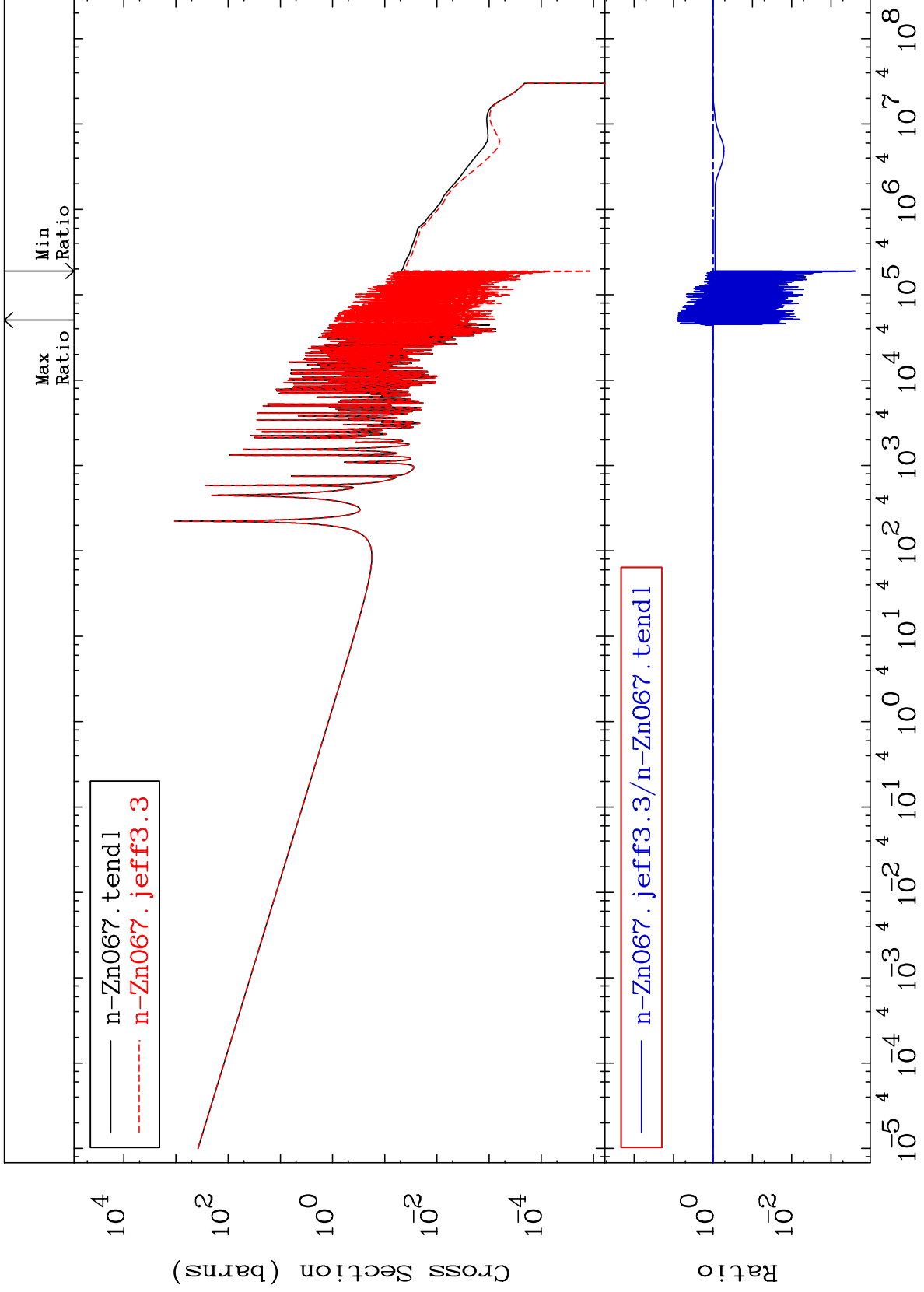
MAT 3034

(n, γ)

30-Zn-67

Cross Section

-99.98 To 720.1 %



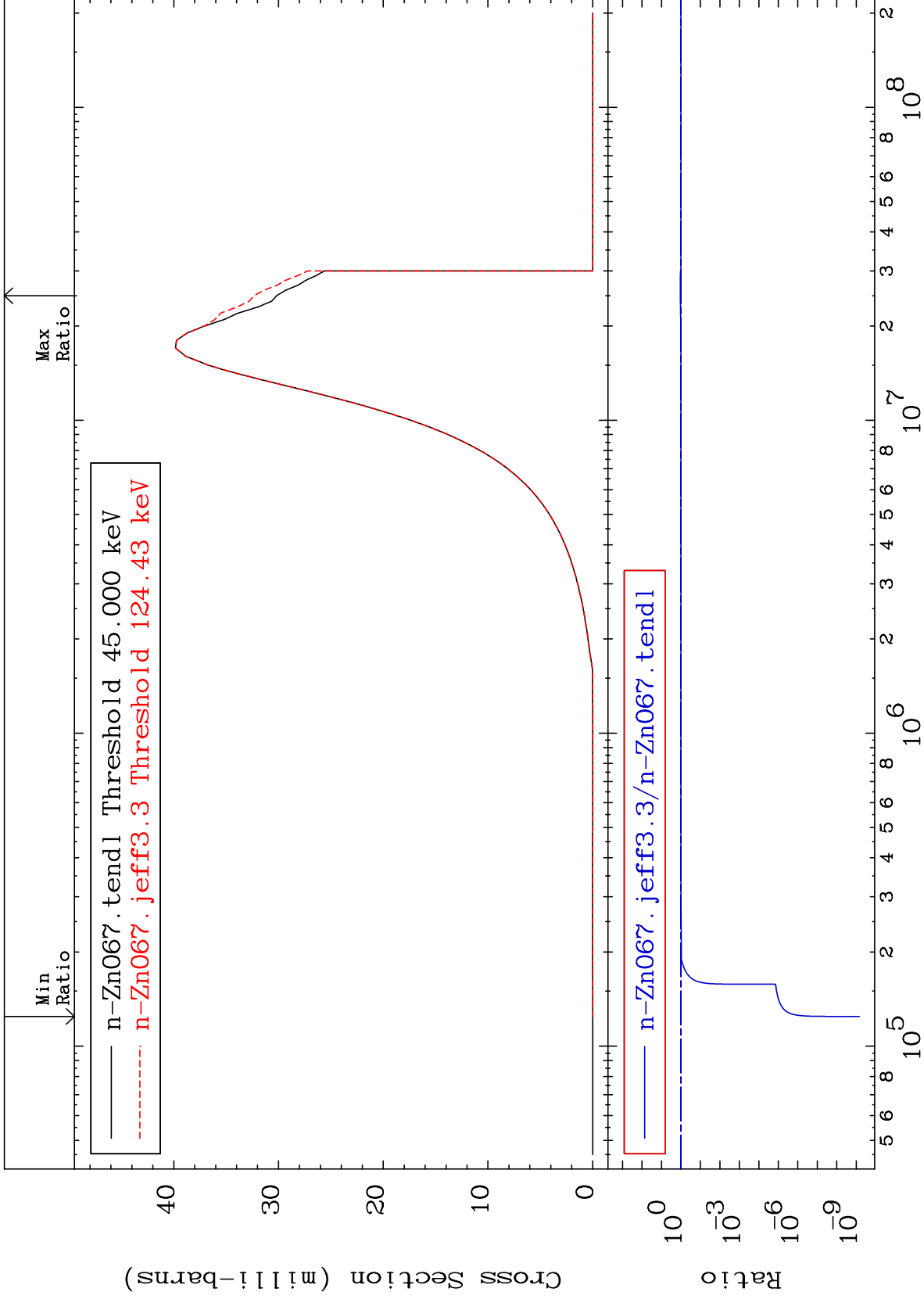
MAT 3034

(n,p)

30-Zn-67

Cross Section

-100.0 To 7.168 %



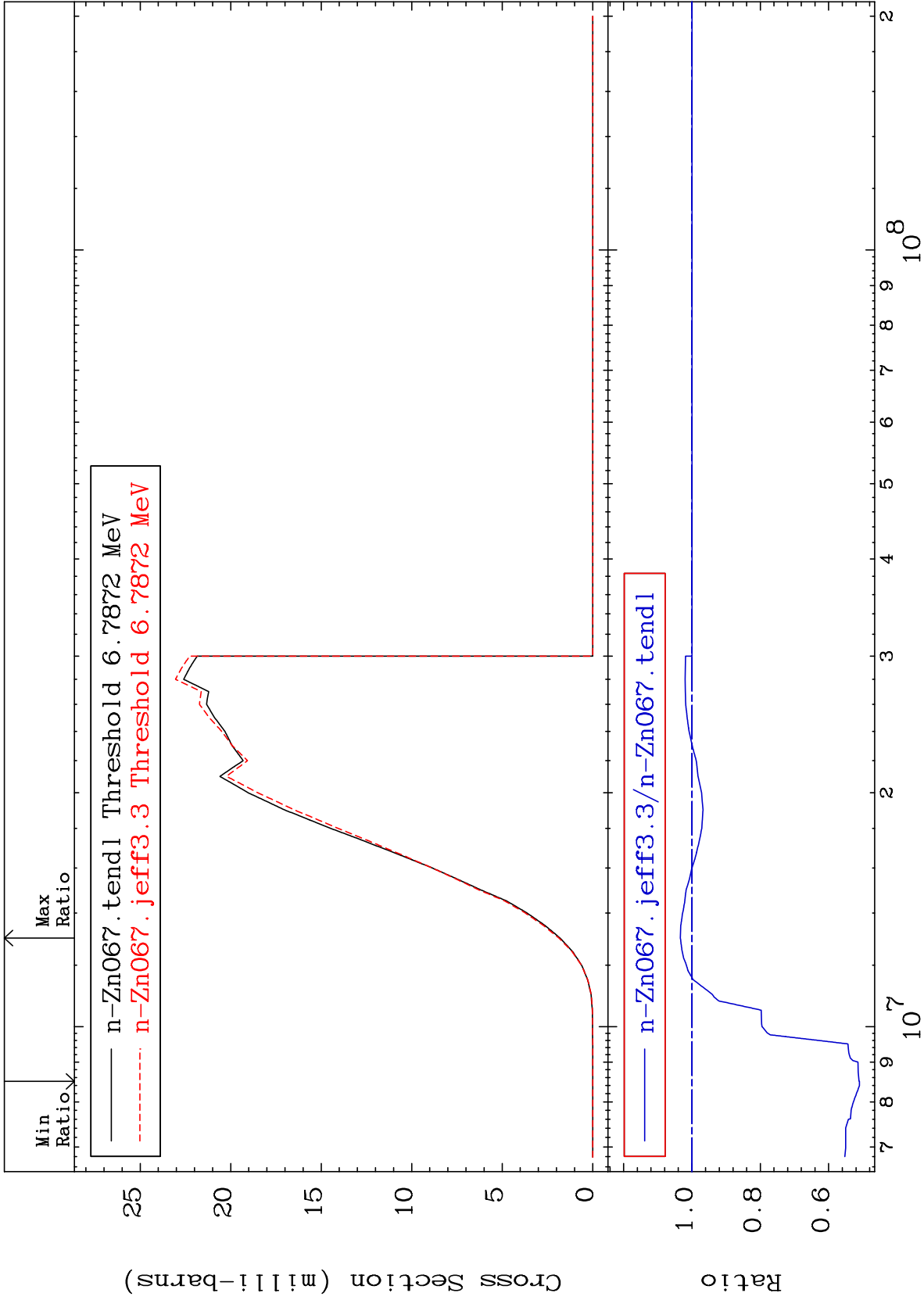
MAT 3034

(n, d)

30-Zn-67

Cross Section

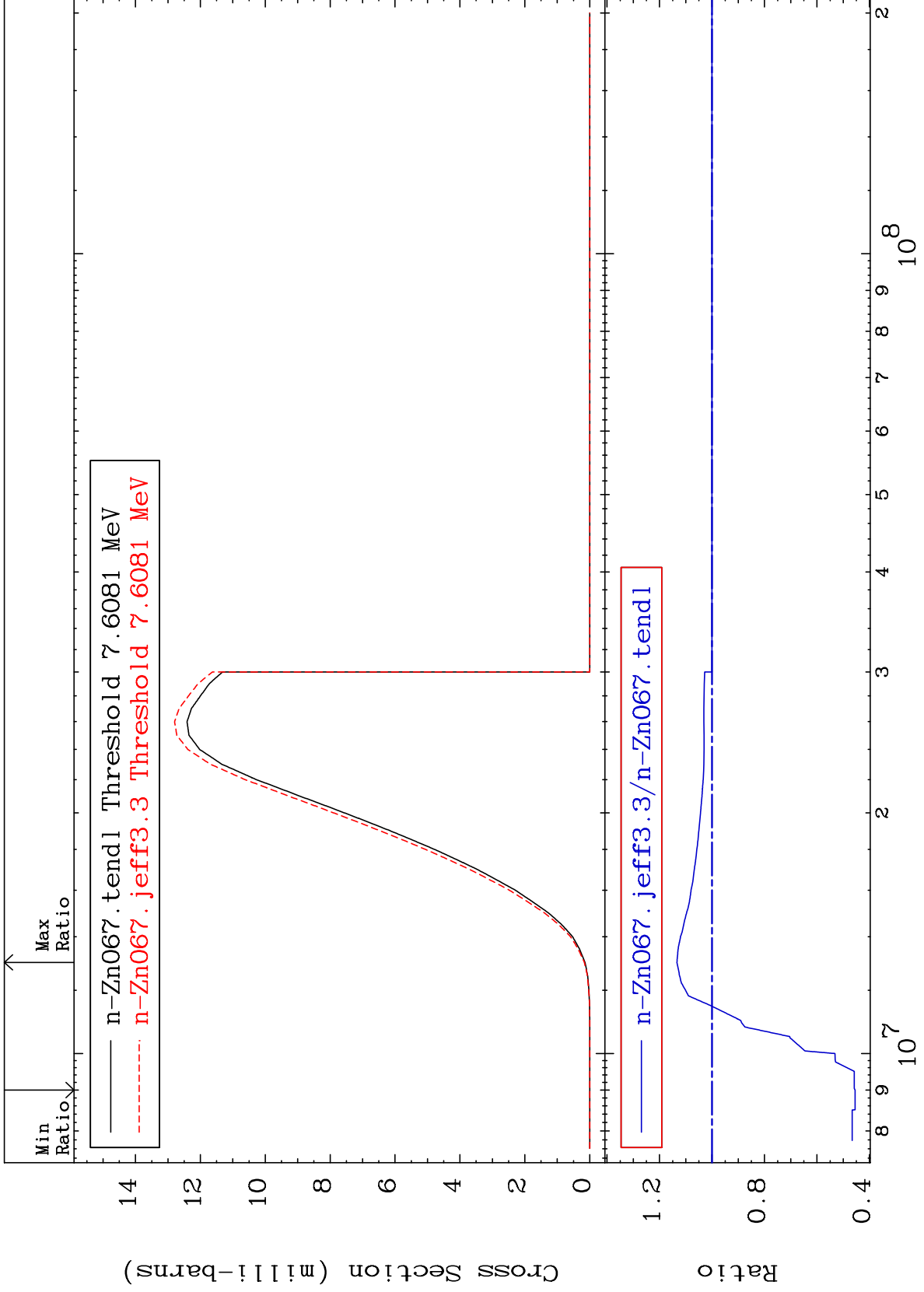
-49.00 To 3.397 %



MAT 3034

(n, t)
Cross Section

30-Zn-67
-54.52 To 13.38 %



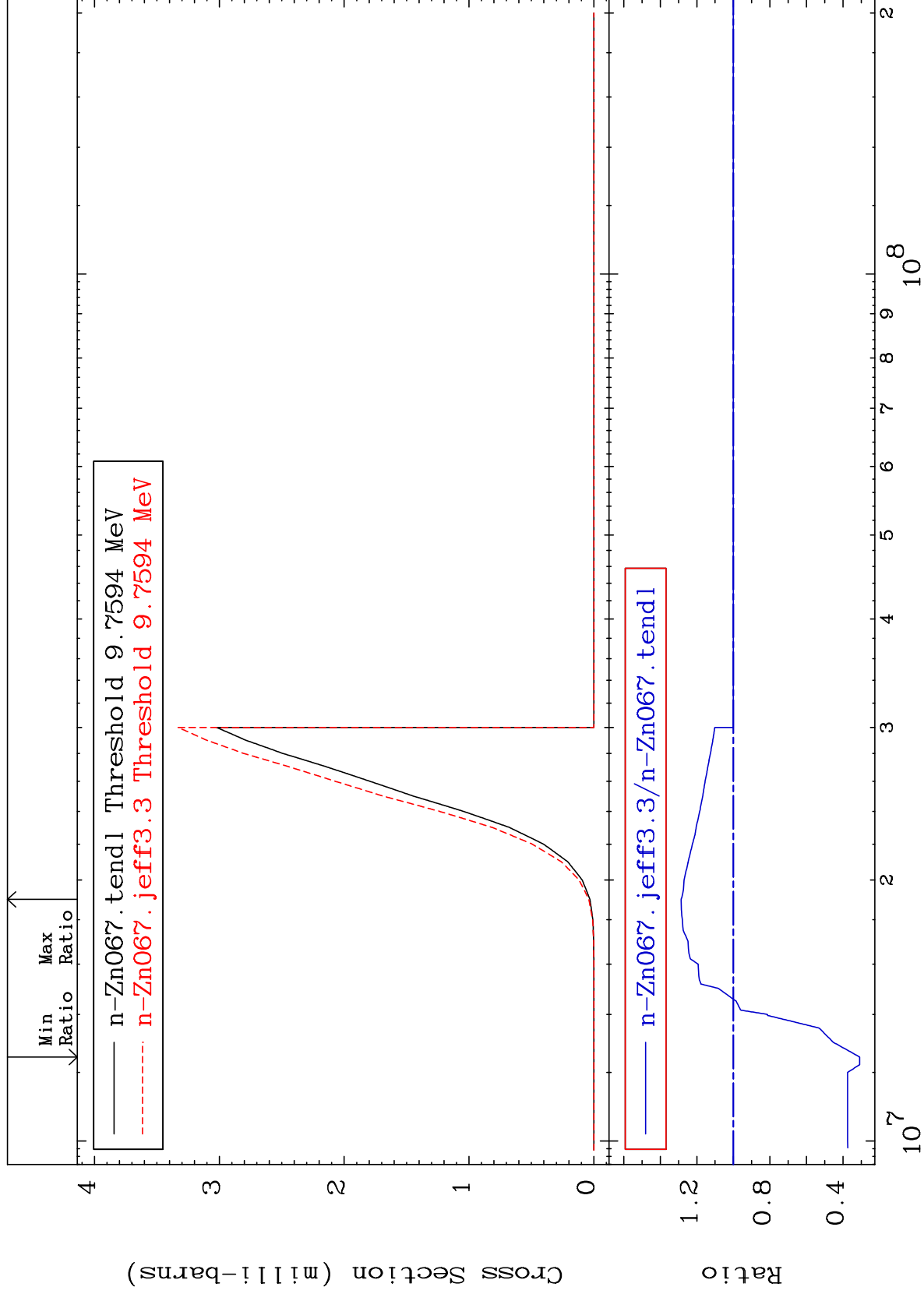
MAT 3034

(n, He-3)

30-Zn-67

Cross Section

-69.07 To 28.56 %



56

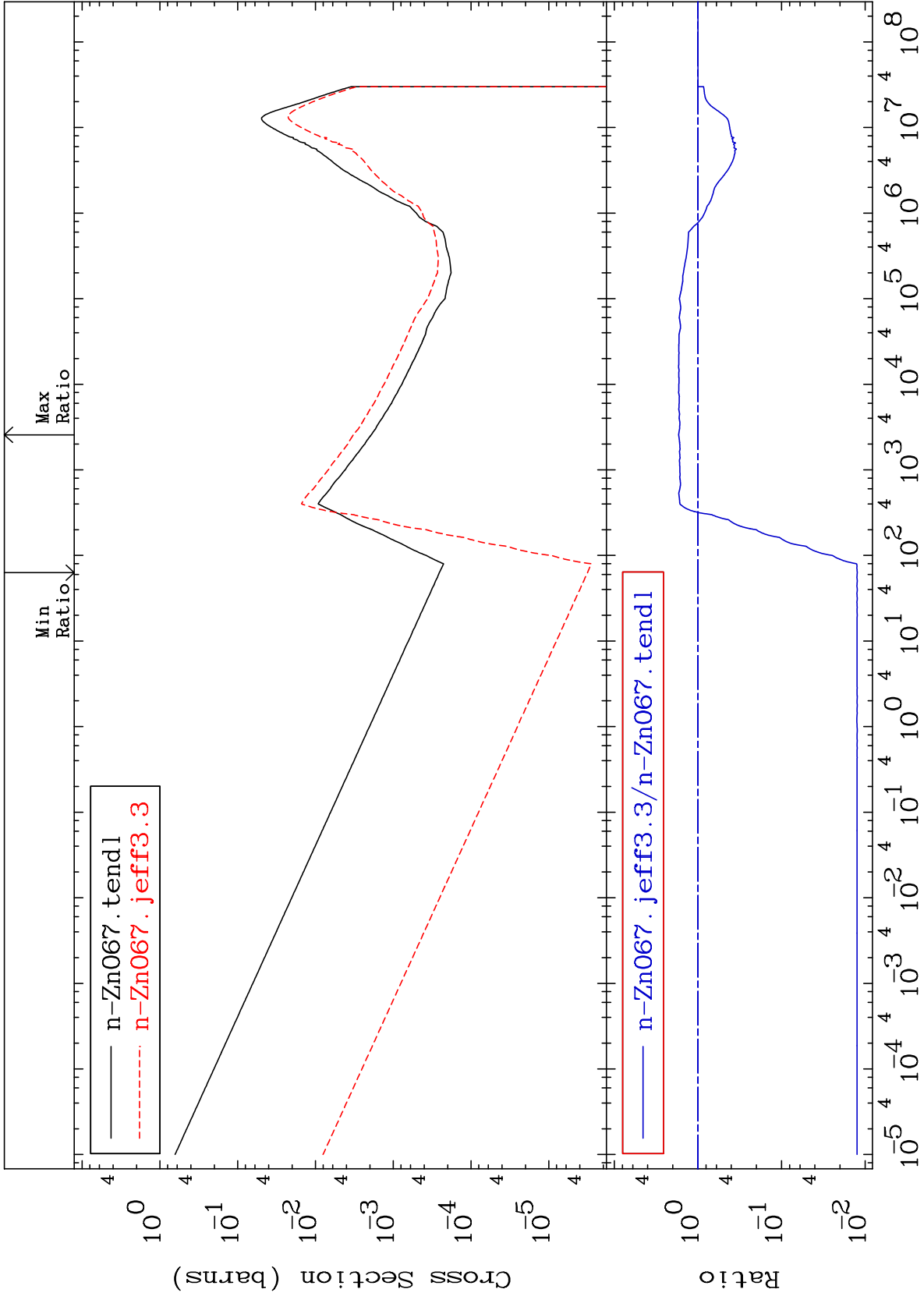
Incident Energy (eV)

30-Zn-67

MAT 3034

(n, α)
Cross Section

30-Zn-67
-98.76 To 70.06 %



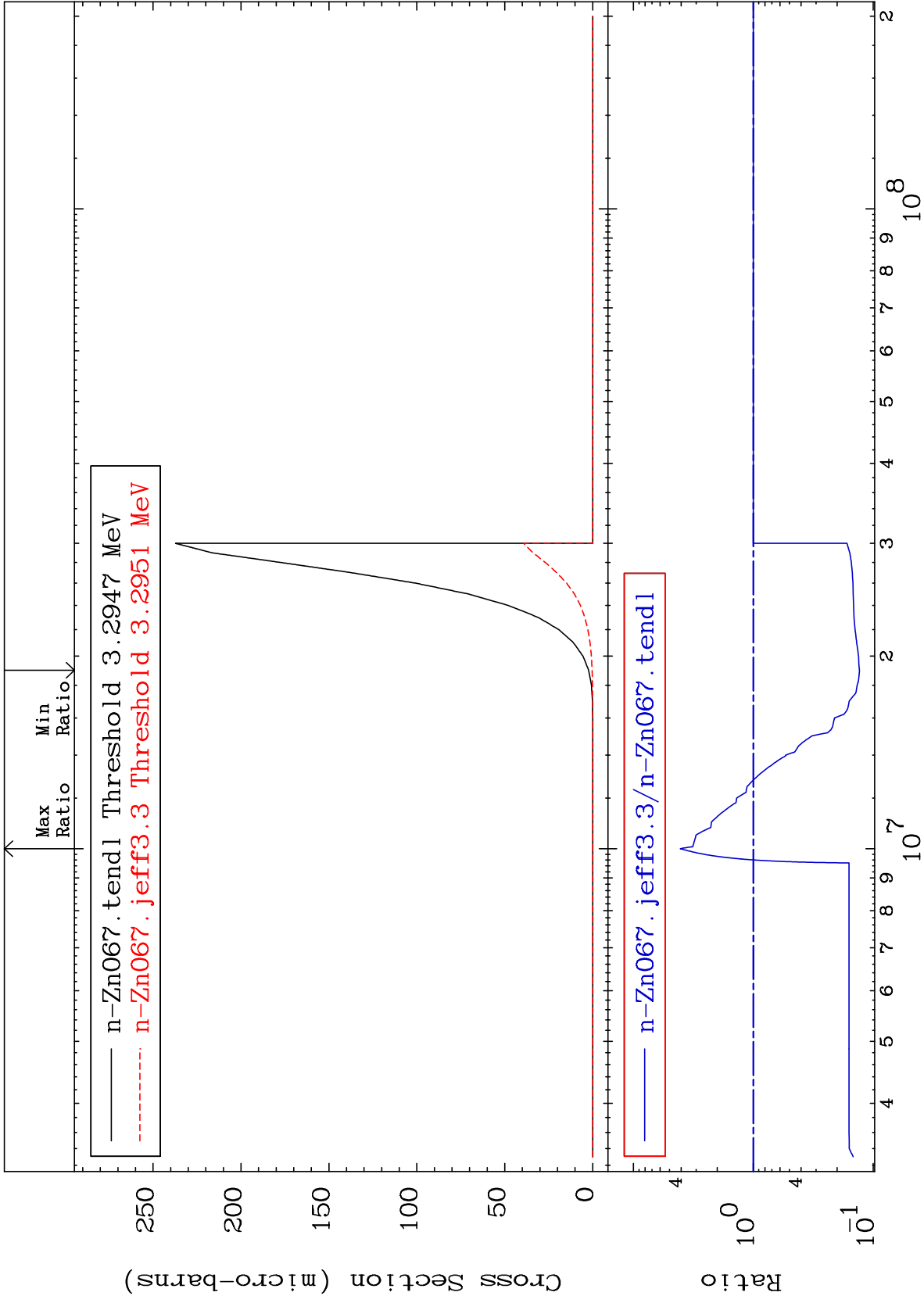
MAT 3034

(n,2α)

30-Zn-67

Cross Section

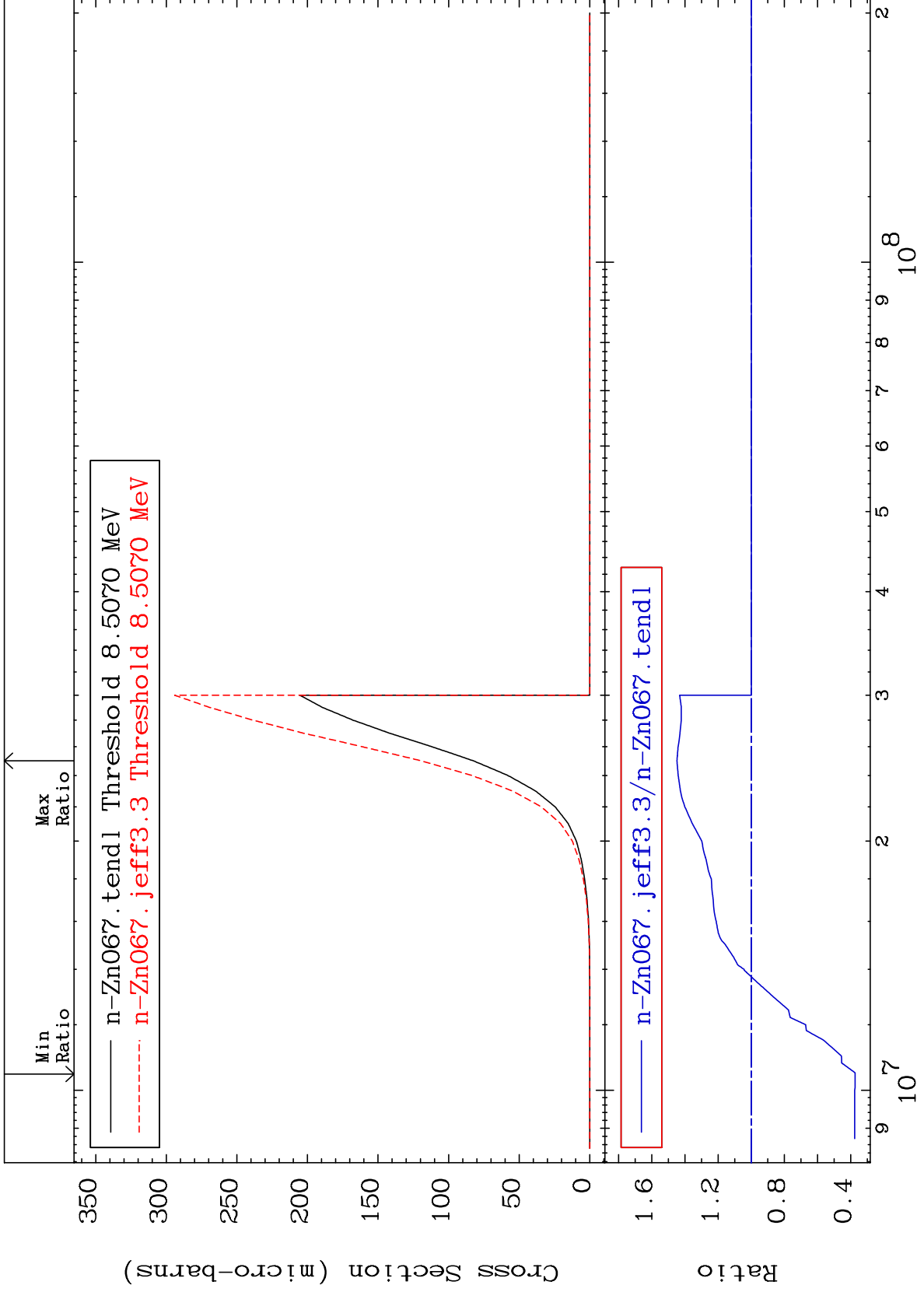
-86.98 To 306.3 %



MAT 3034

(n,2p)
Cross Section

30-Zn-67
-62.63 To 44.83 %



59

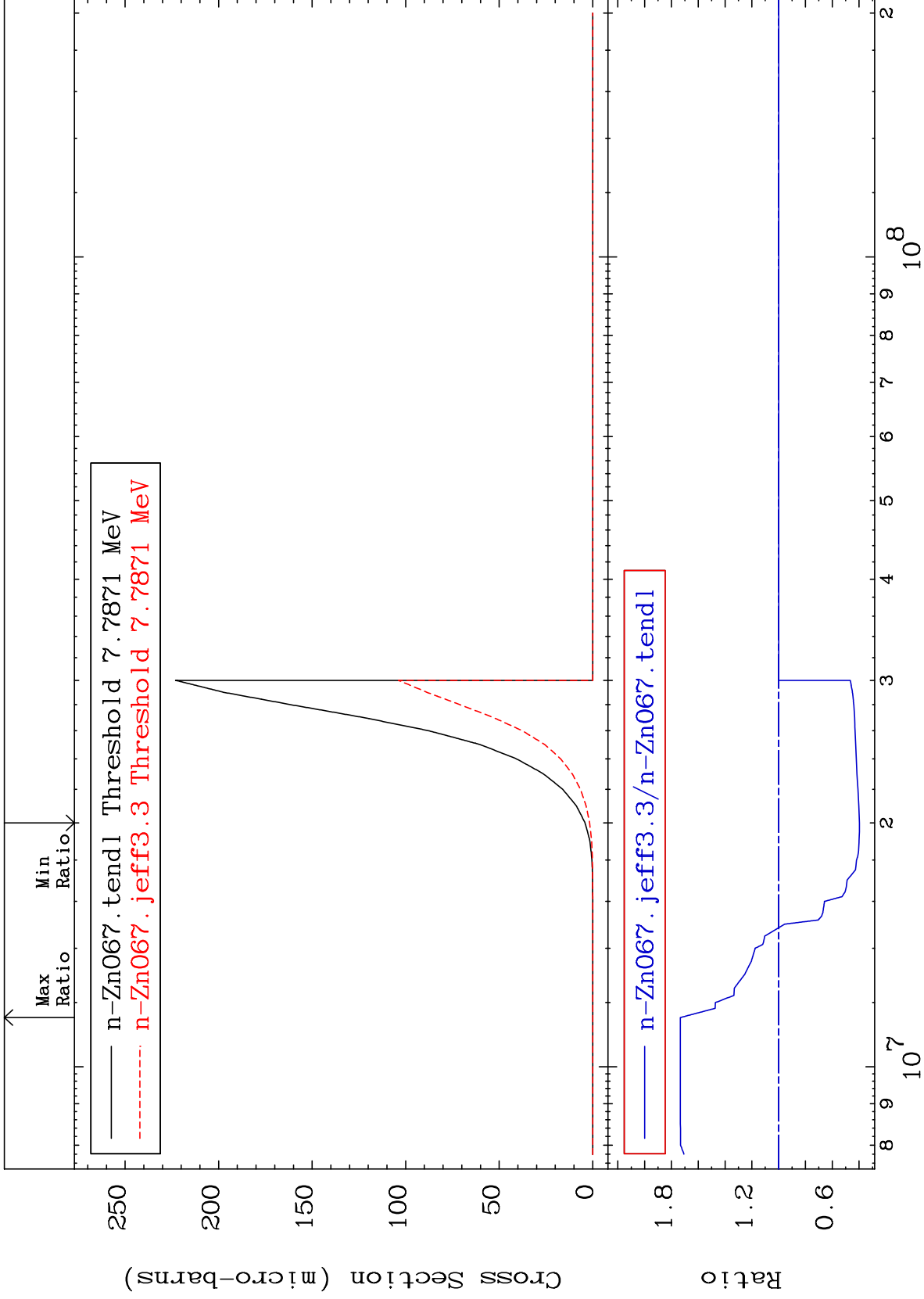
Incident Energy (eV)

30-Zn-67

MAT 3034

(n, p) α
Cross Section

30-Zn-67
-60.27 To 73.35 %



60

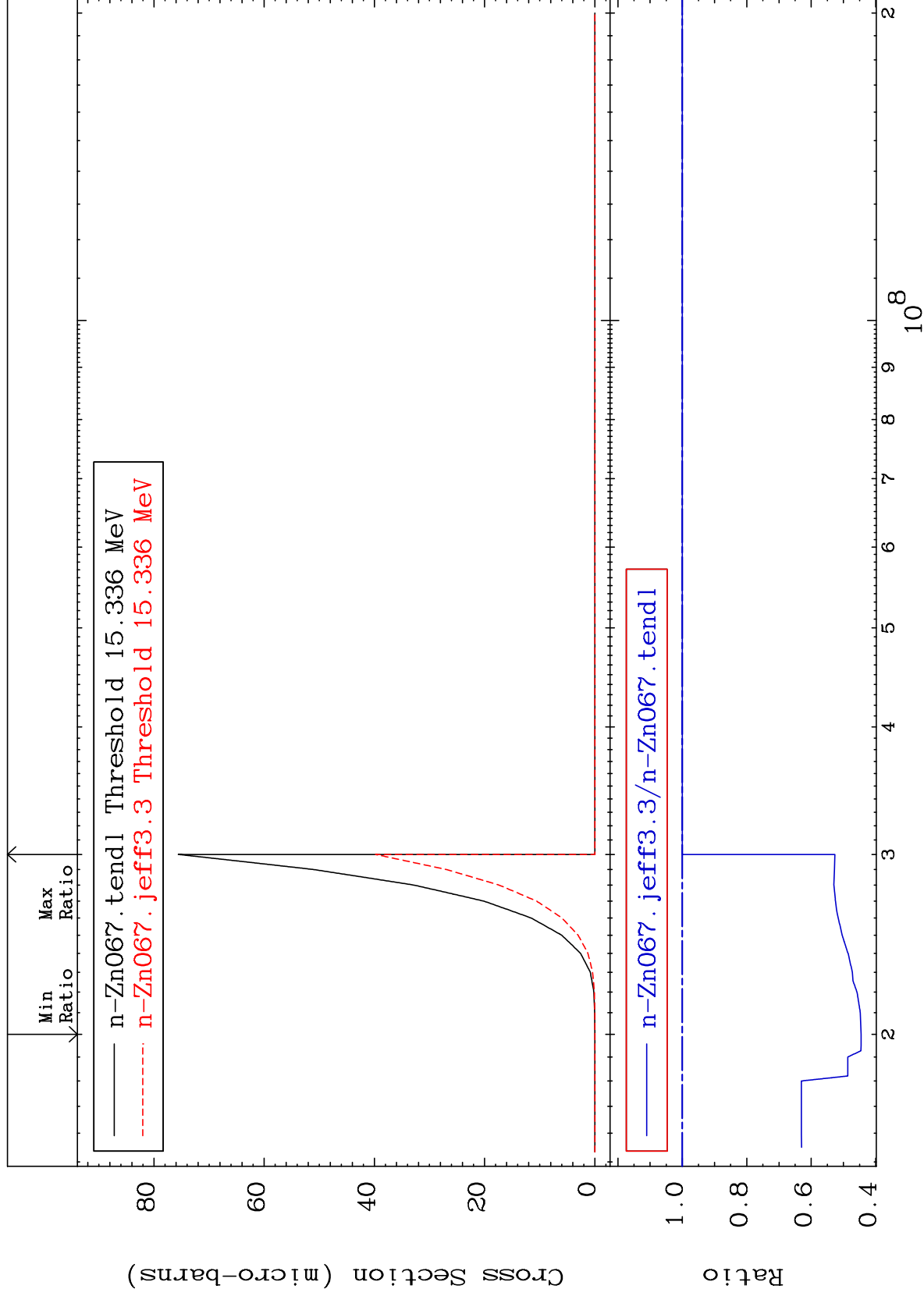
Incident Energy (eV)

30-Zn-67

MAT 3034

(n,p) d
Cross Section

30-Zn-67
-55.47 To 0.000 %



61

Incident Energy (eV)

30-Zn-67

MAT 3034

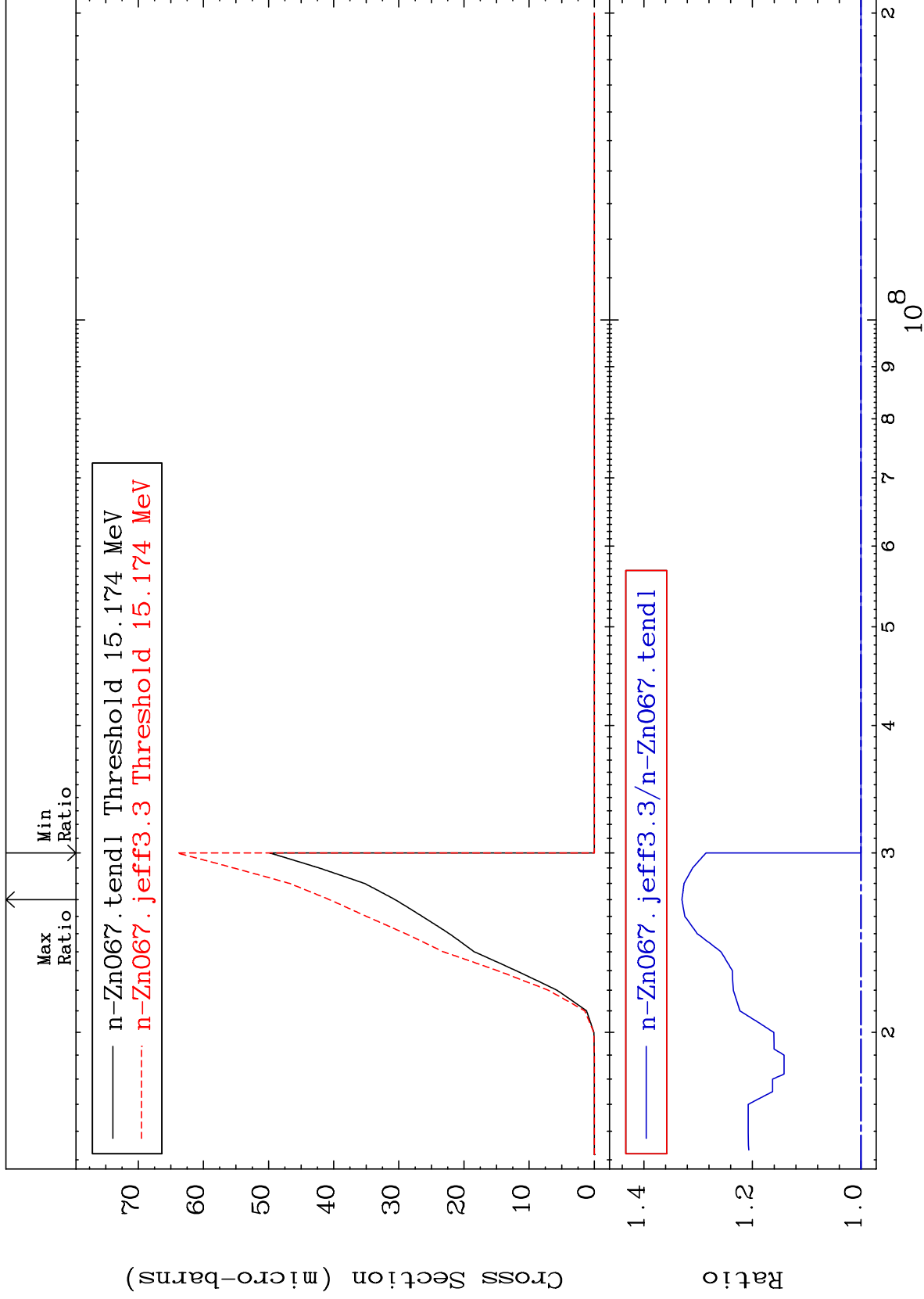
(n,p) t

30-Zn-67

Cross Section

0.000

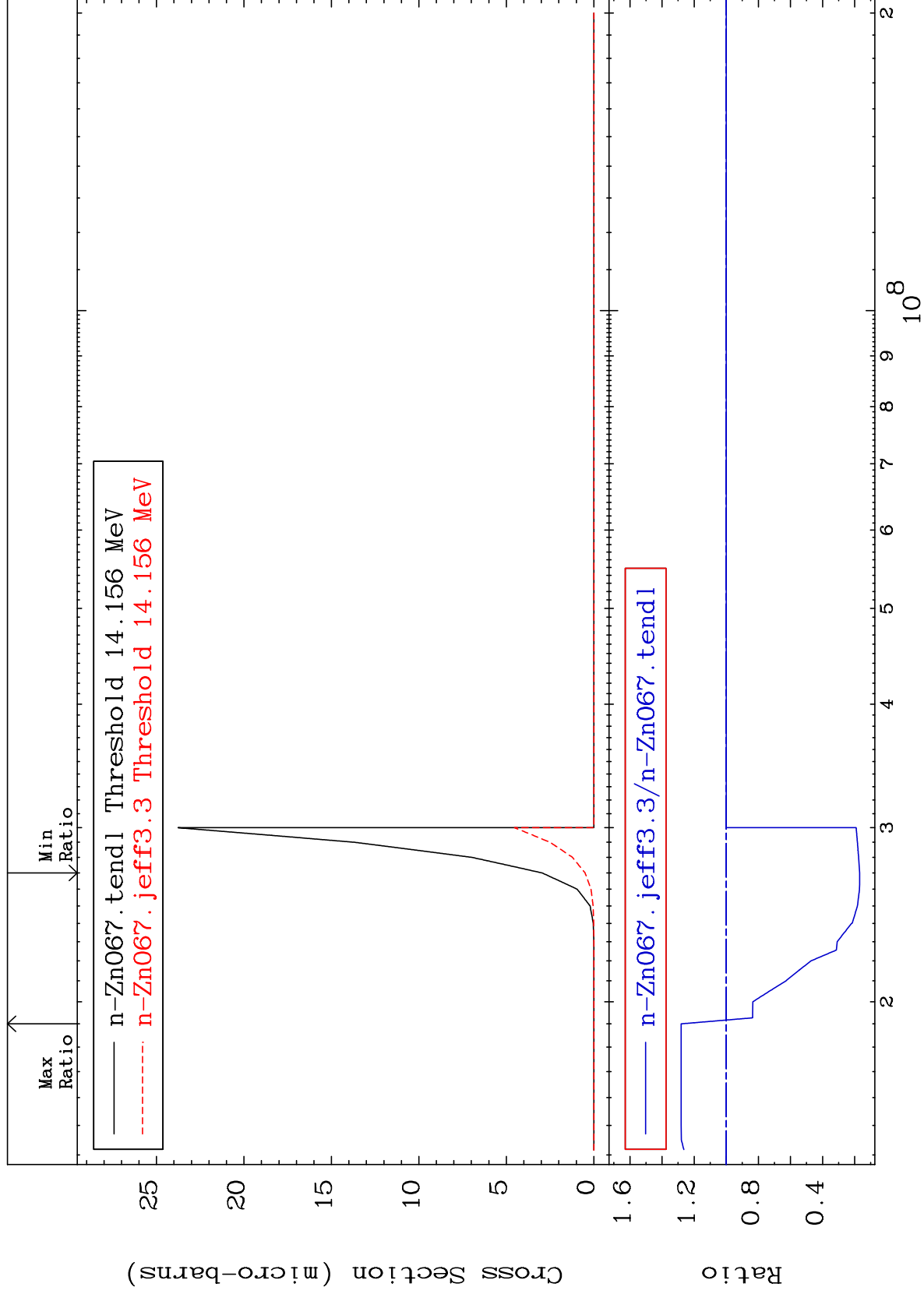
To 33.00 %



MAT 3034

(n, d) α
Cross Section

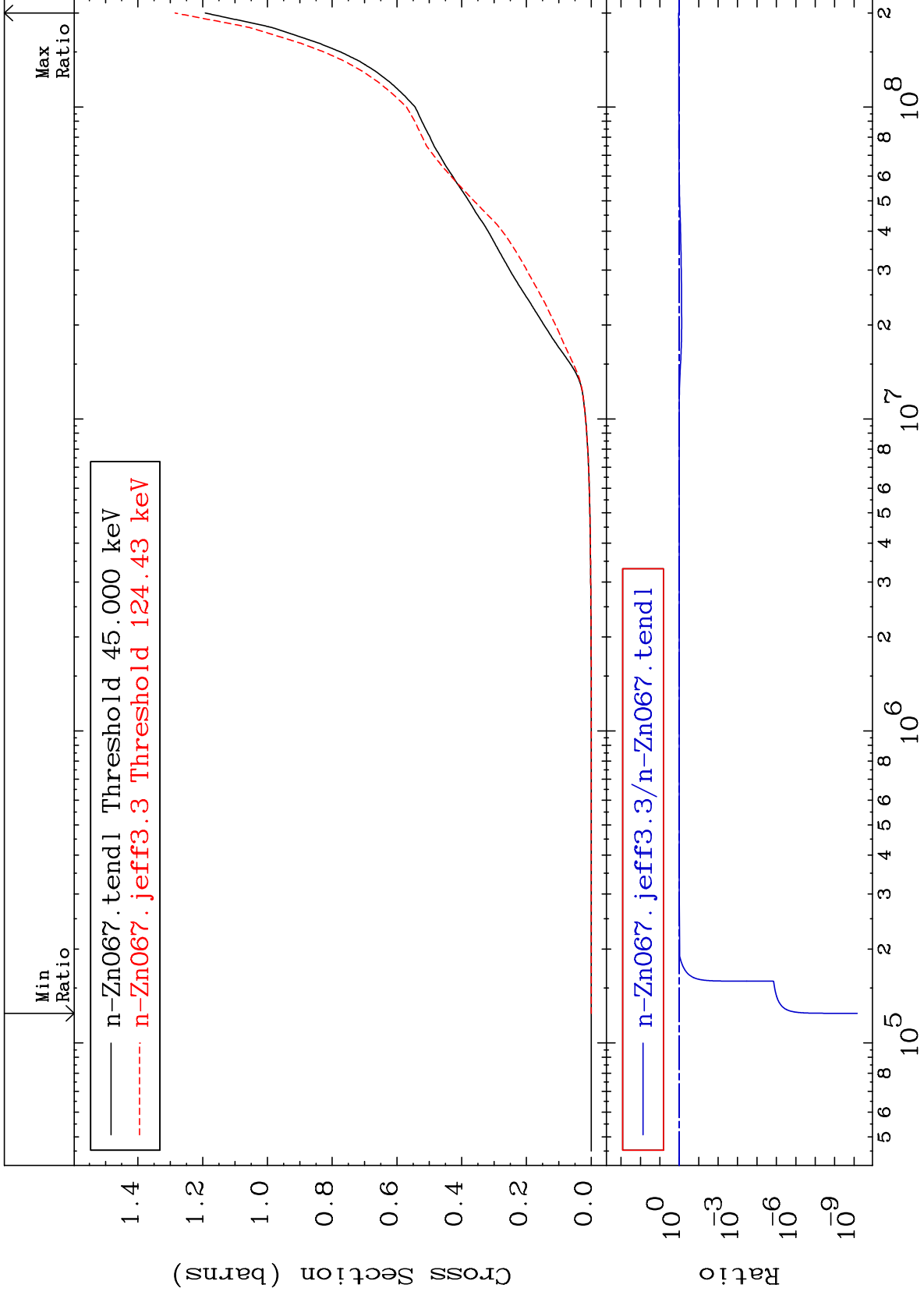
30-Zn-67
-83.10 To 28.07 %



MAT 3034

Hydrogen Production
Cross Section

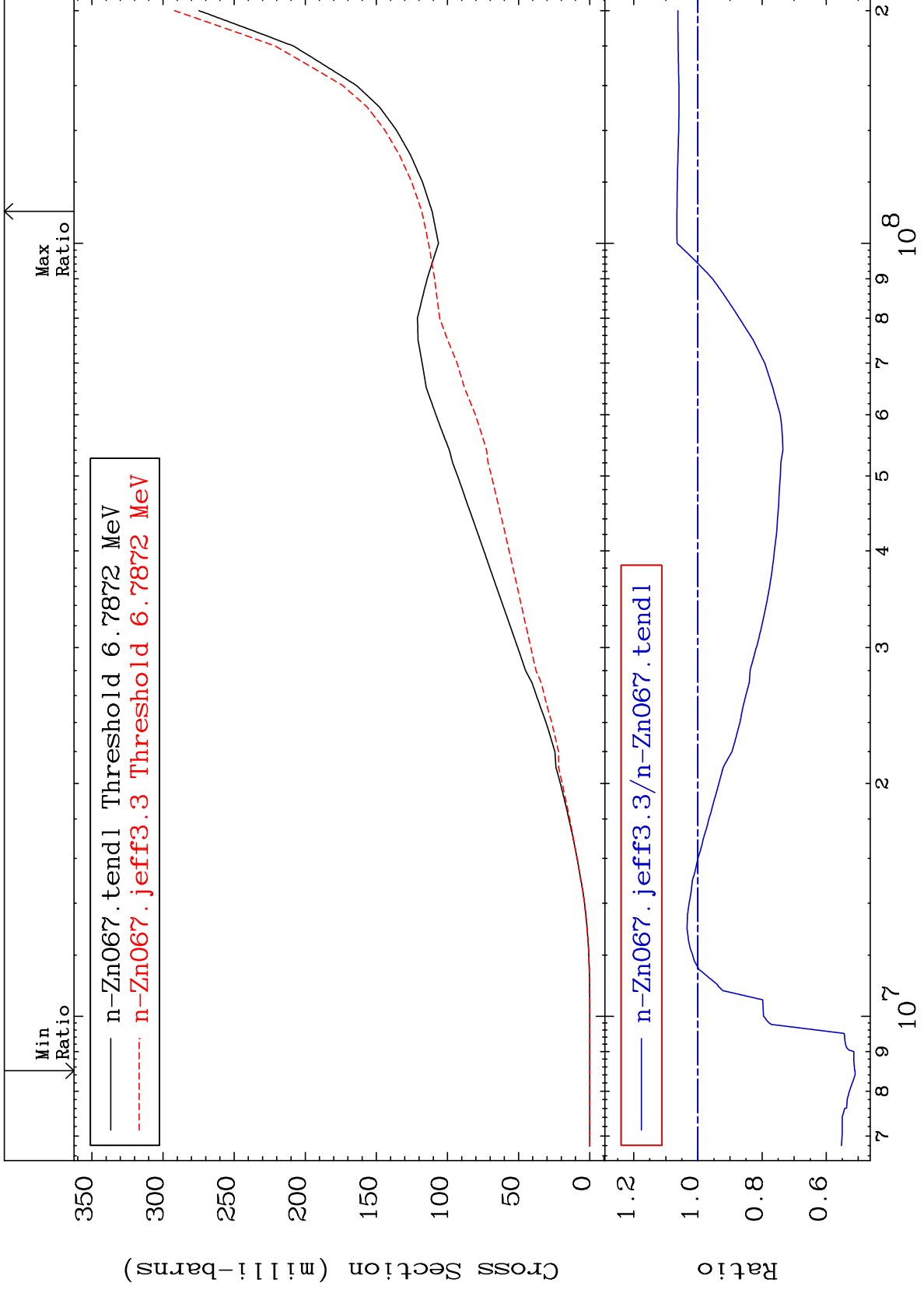
30-Zn-67
-100.0 To 7.819 %



MAT 3034

Deuterium Production
Cross Section

30-Zn-67
-49.00 To 6.539 %



65

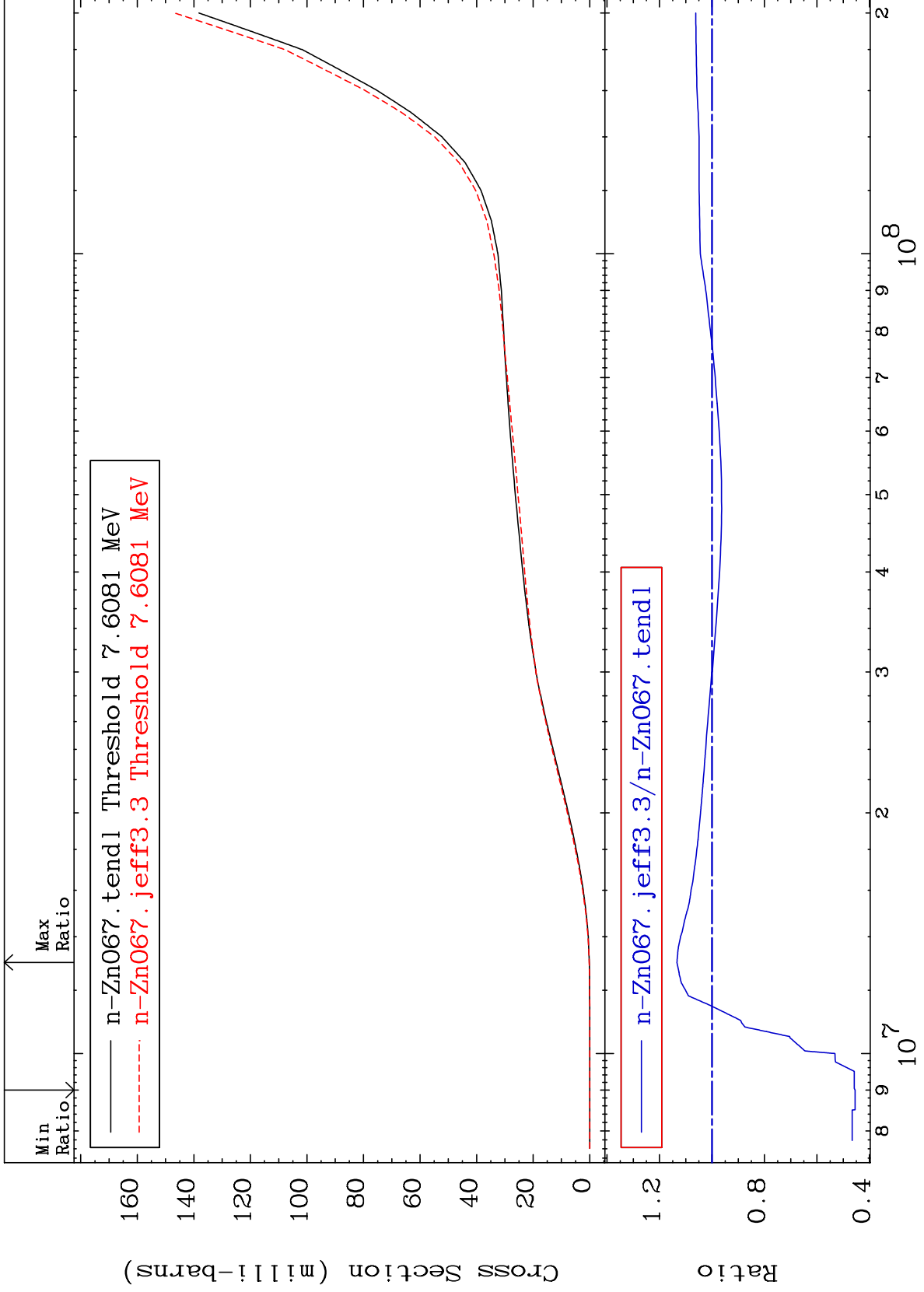
Incident Energy (eV)

30-Zn-67

MAT 3034

Tritium Production
Cross Section

30-Zn-67
-54.52 To 13.38 %



66

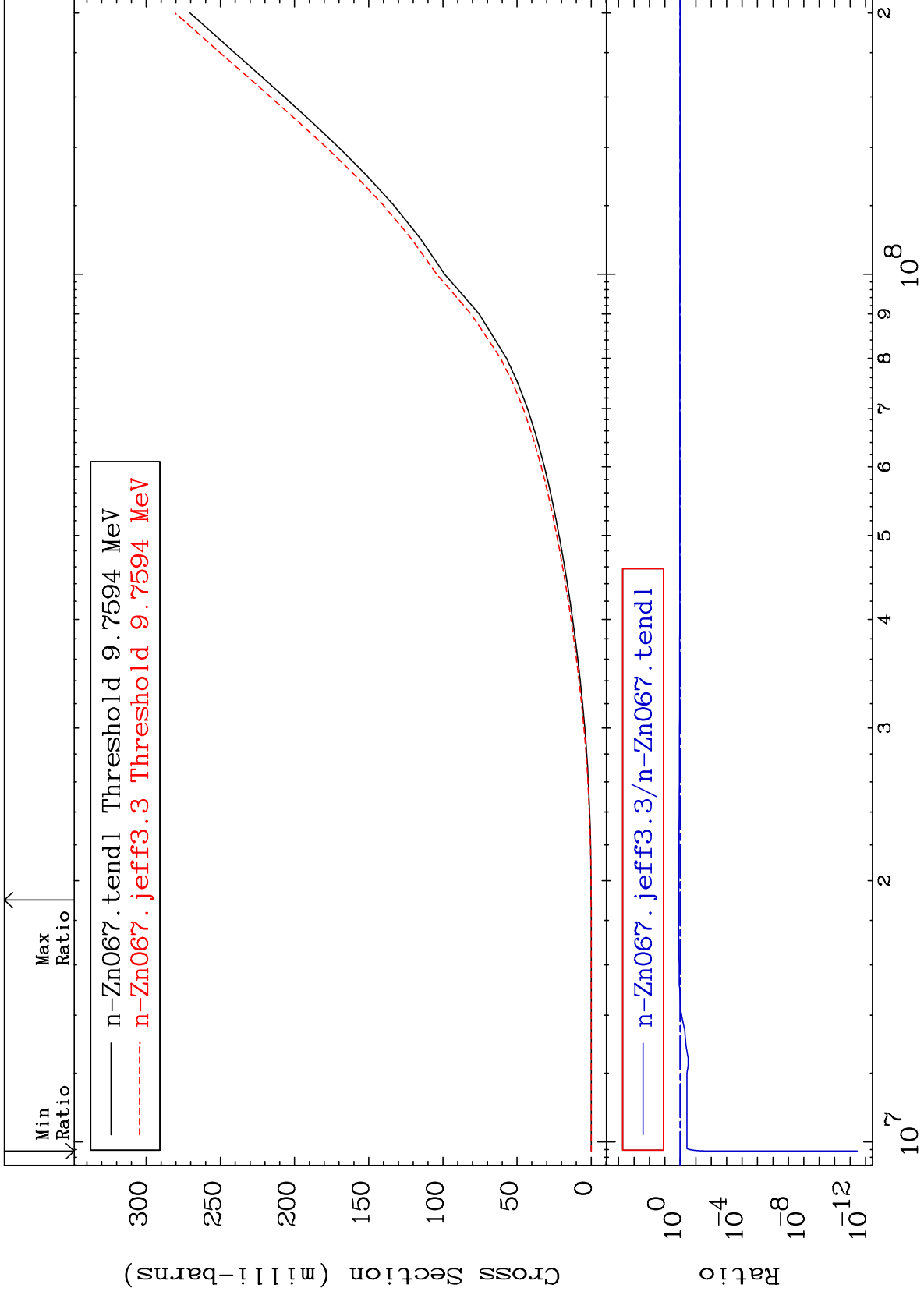
Incident Energy (eV)

30-Zn-67

MAT 3034

He-3 Production
Cross Section

30-Zn-67
-100.0 To 28.56 %



67

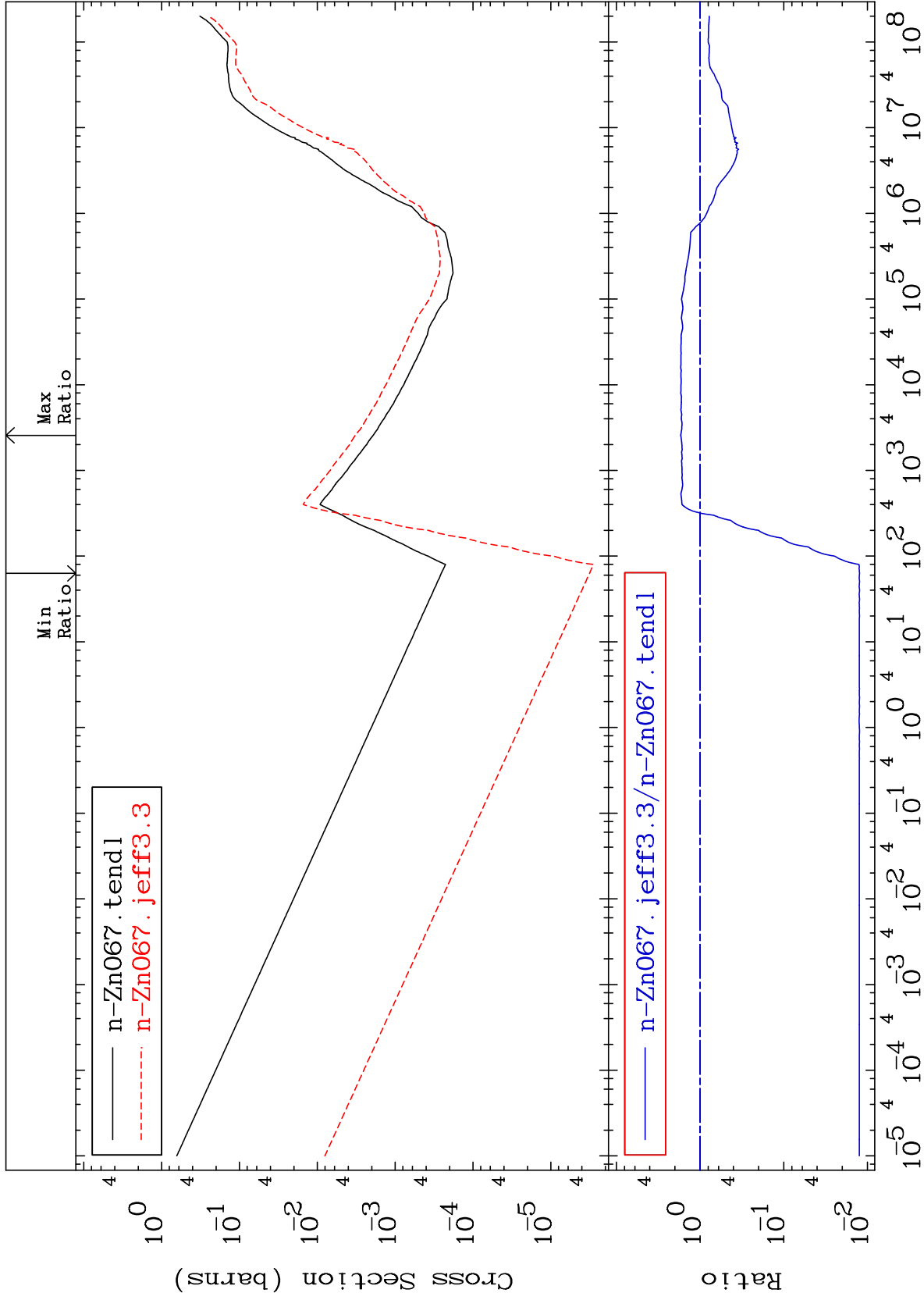
Incident Energy (eV)

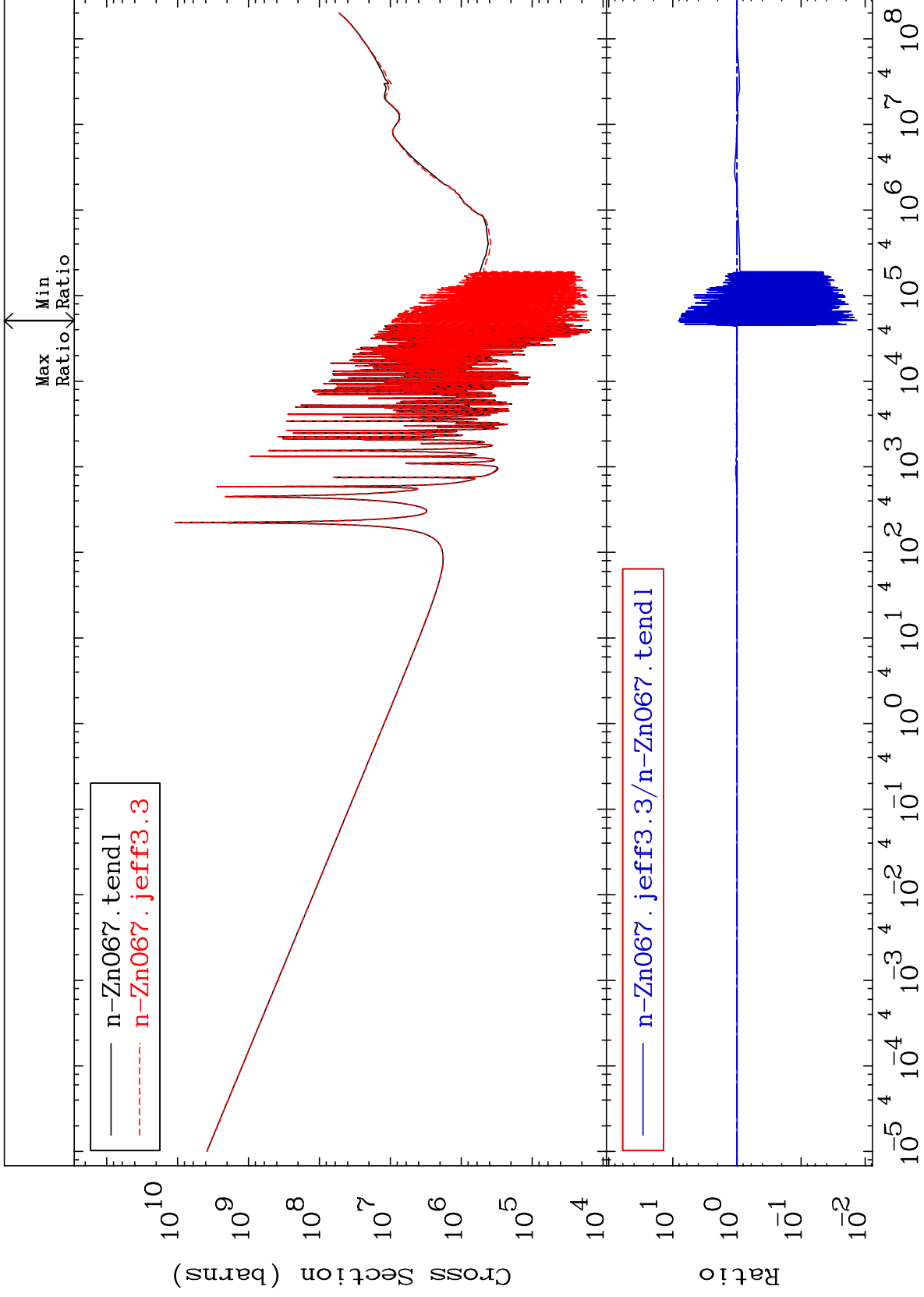
30-Zn-67

MAT 3034

He-4 Production
Cross Section

30-Zn-67
-98.76 To 70.06 %

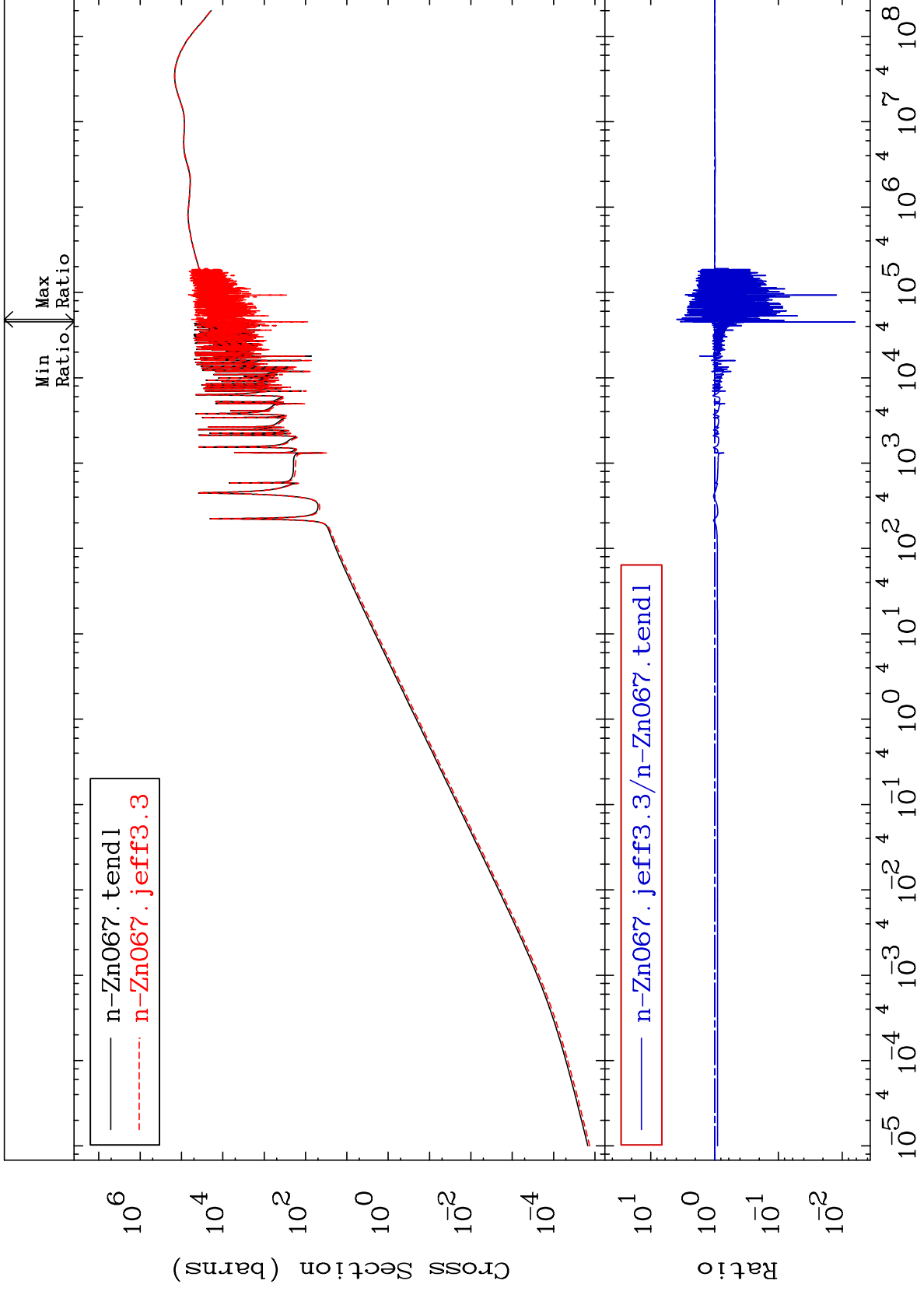




MAT 3034

Kerma elastic
Cross Section

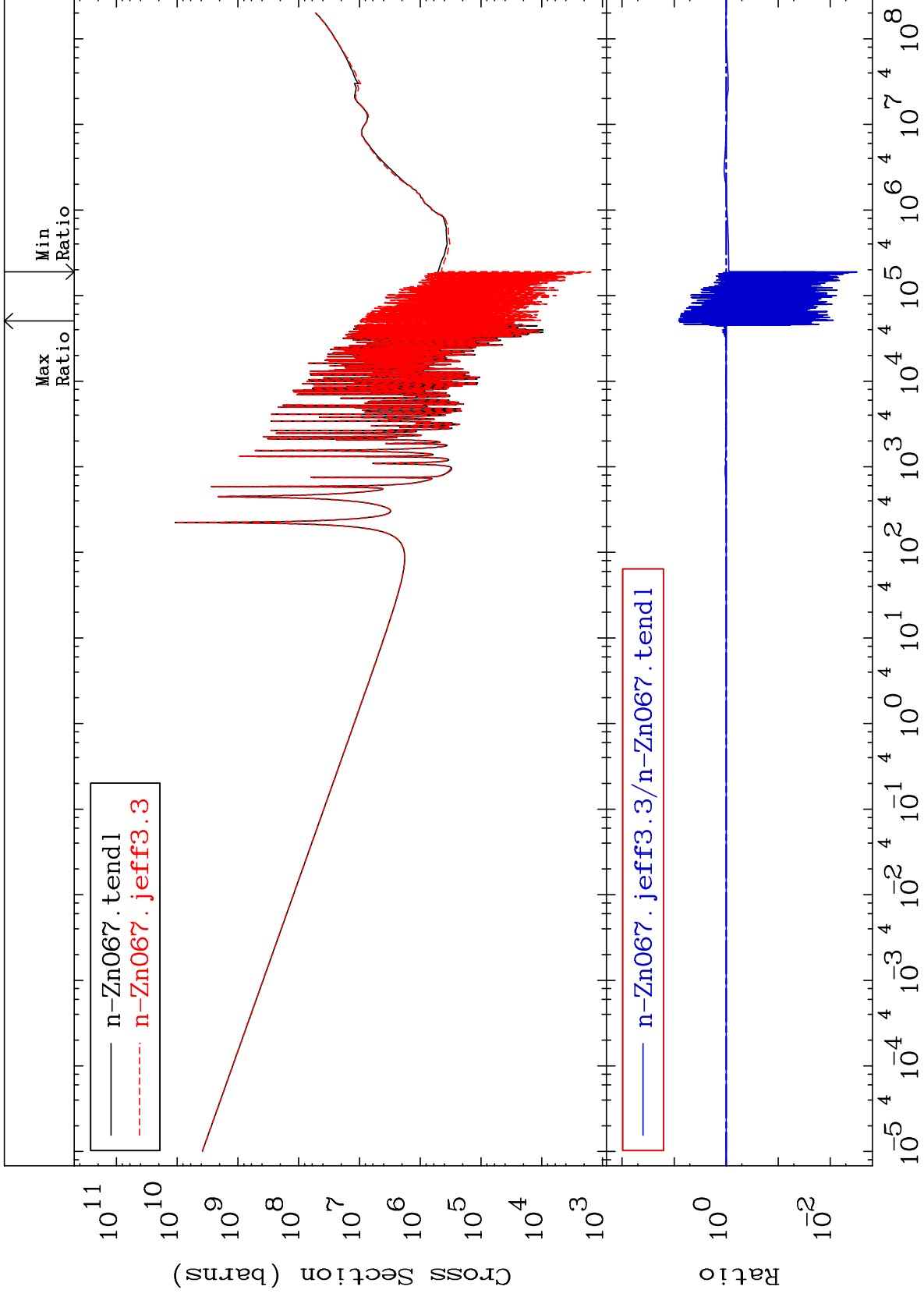
30-Zn-67
-99.37 To 289.5 %

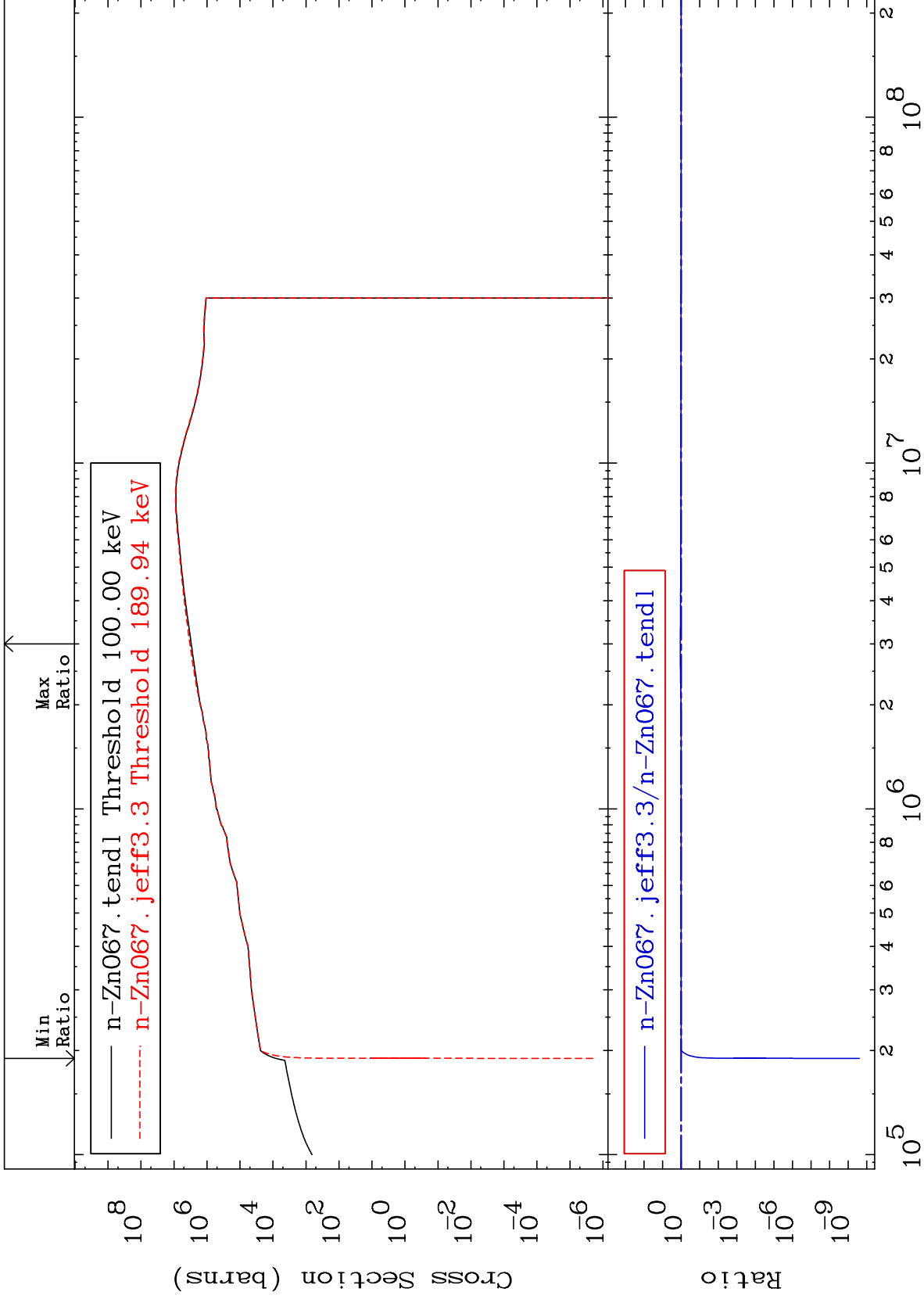


70

Incident Energy (eV)

30-Zn-67

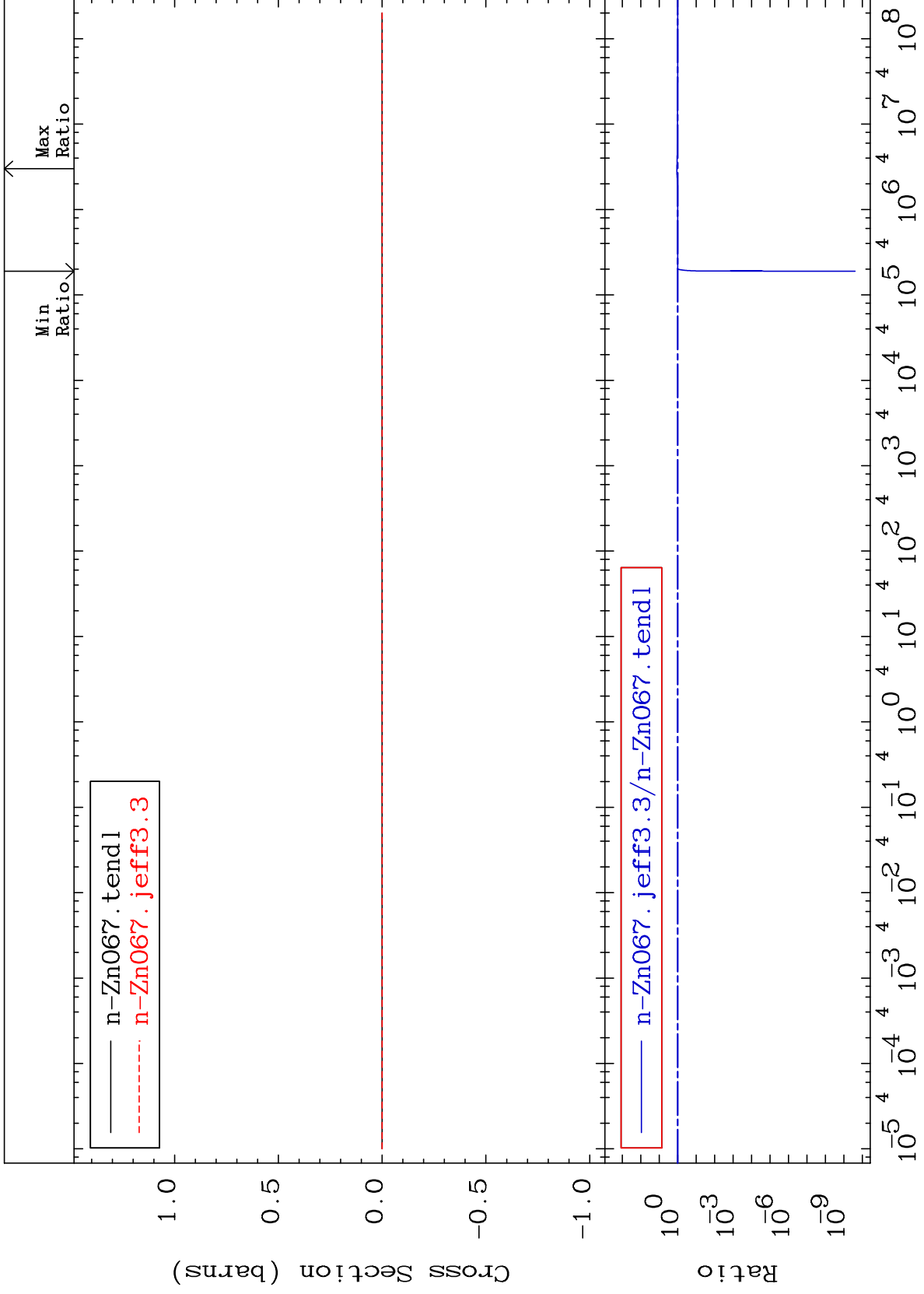


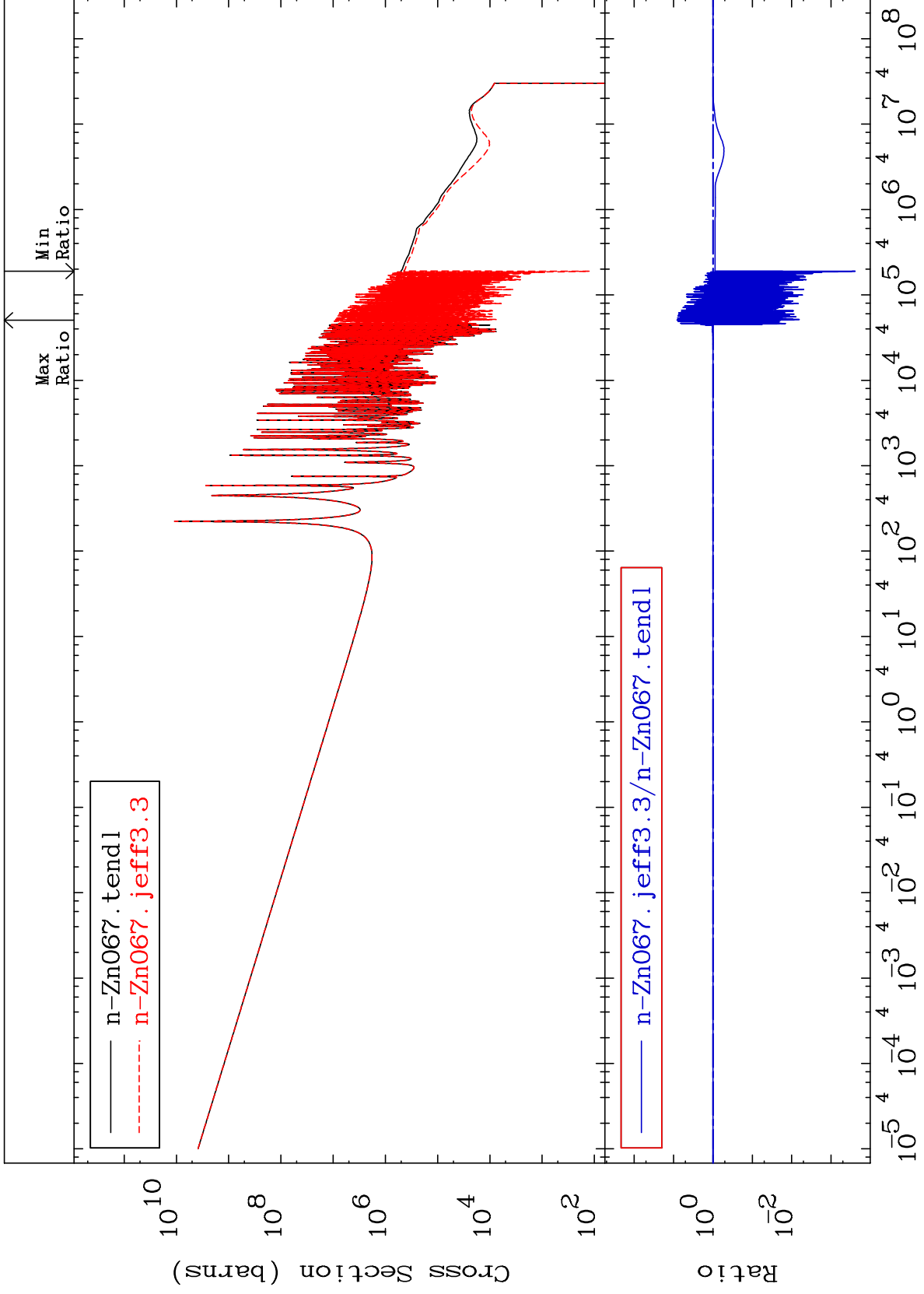


MAT 3034

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

30-Zn-67
-100.0 To 10.16 %

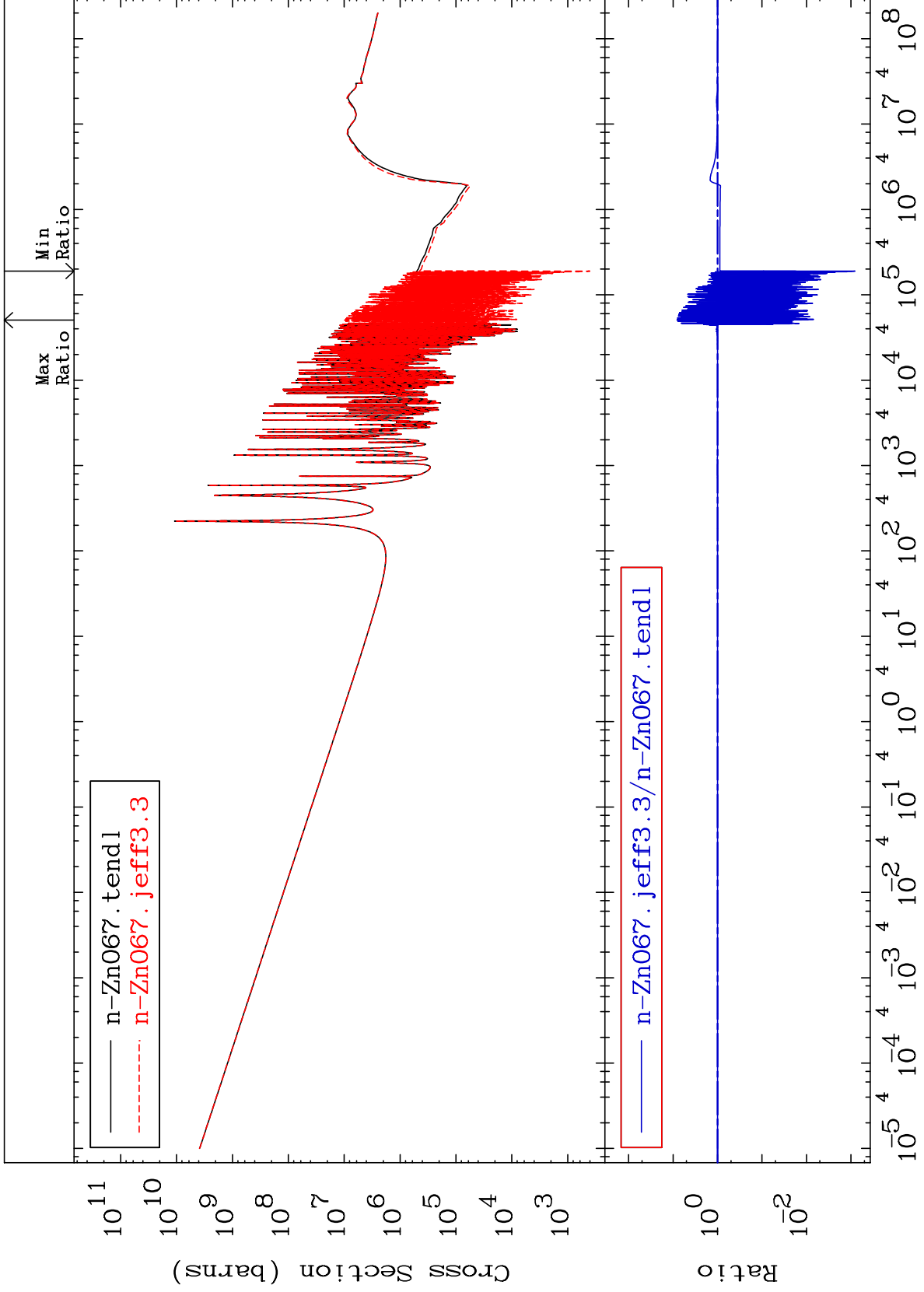




MAT 3034

Total photon (eV-barns)
Cross Section

30-Zn-67
-99.92 To 720.0 %



75

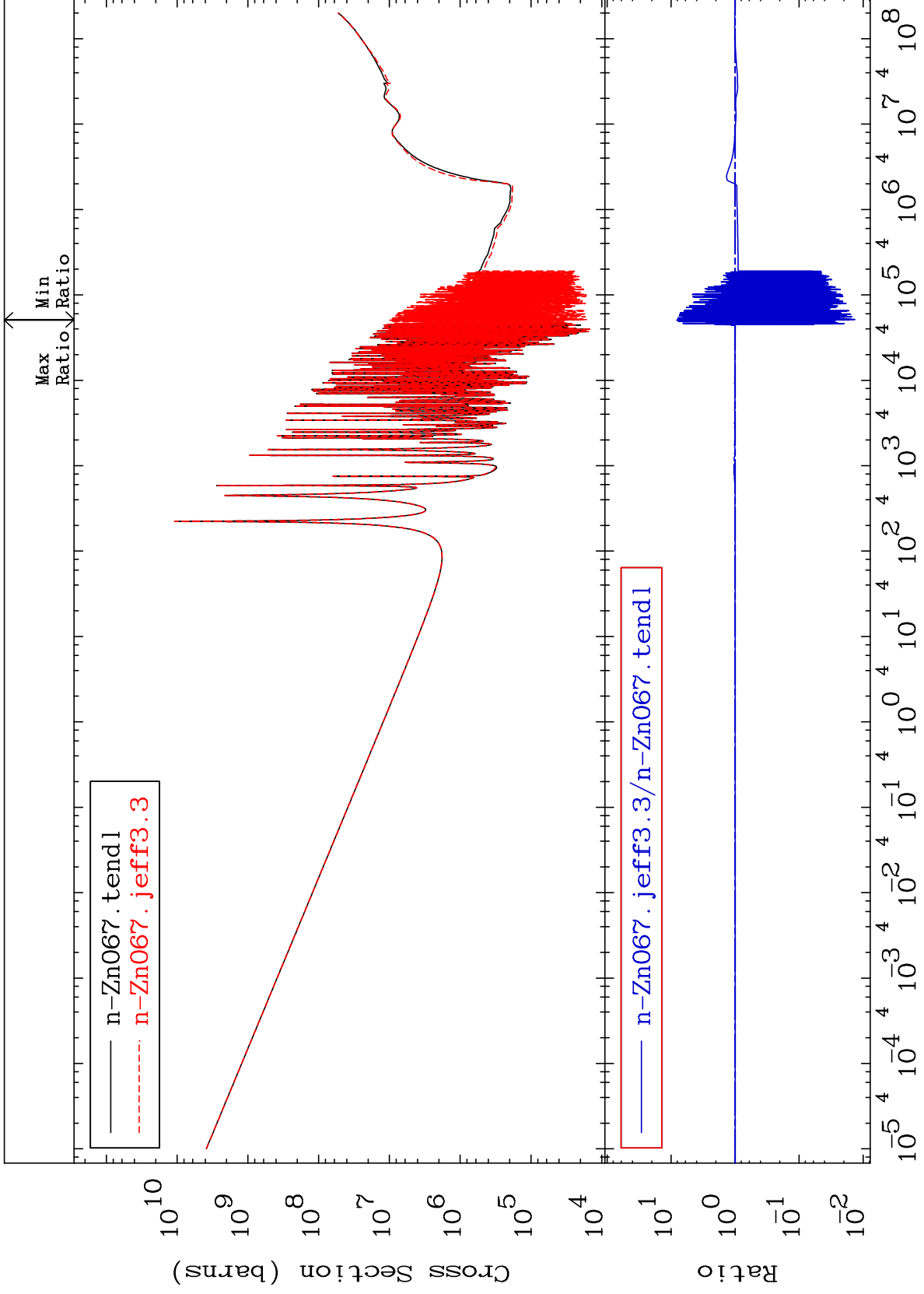
Incident Energy (eV)

30-Zn-67

MAT 3034

Total kinematic kerma (high limit)
Cross Section

30-Zn-67
-98.67 To 710.5 %



76

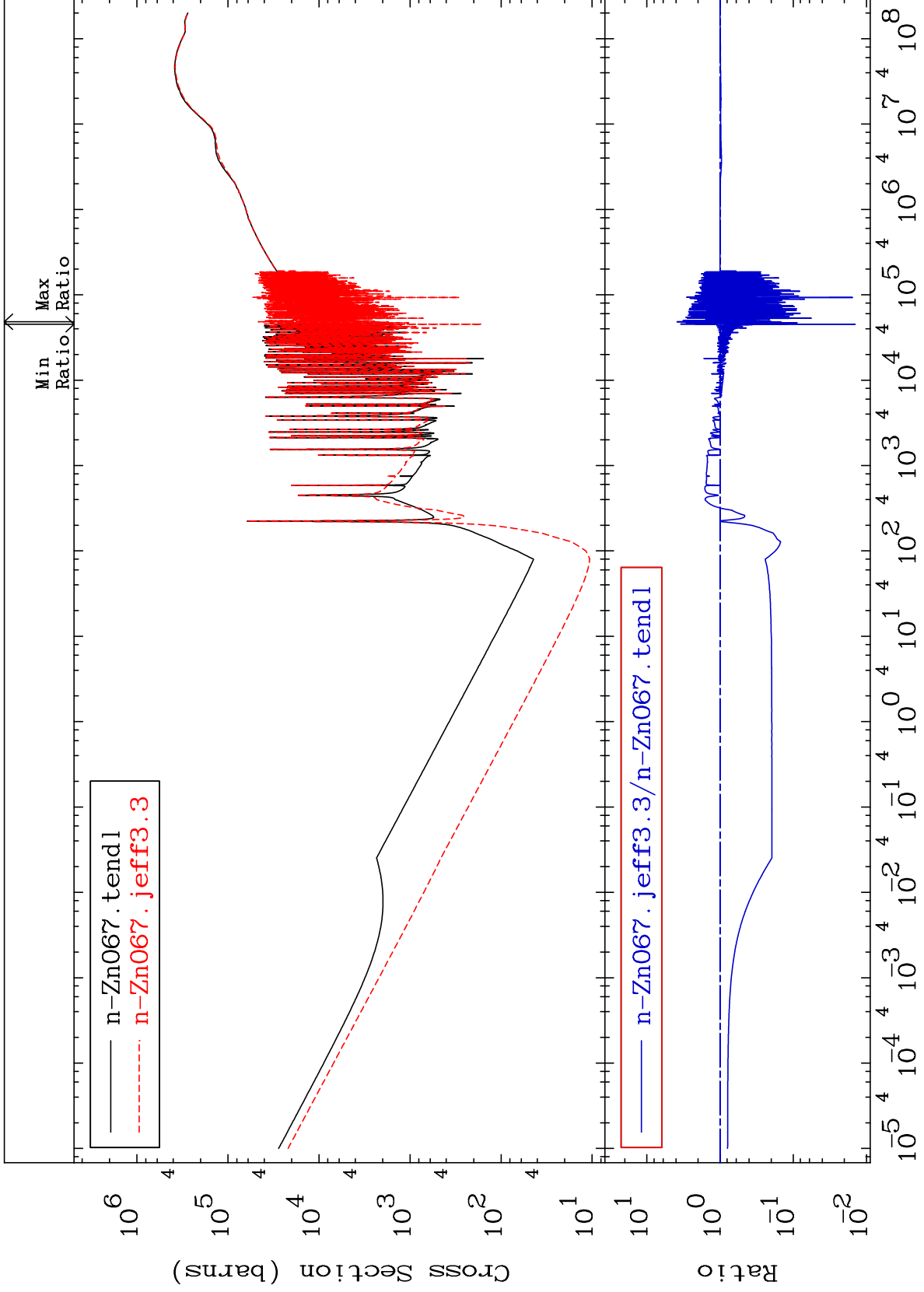
Incident Energy (eV)

30-Zn-67

MAT 3034

Dpa total (eV-barns)
Cross Section

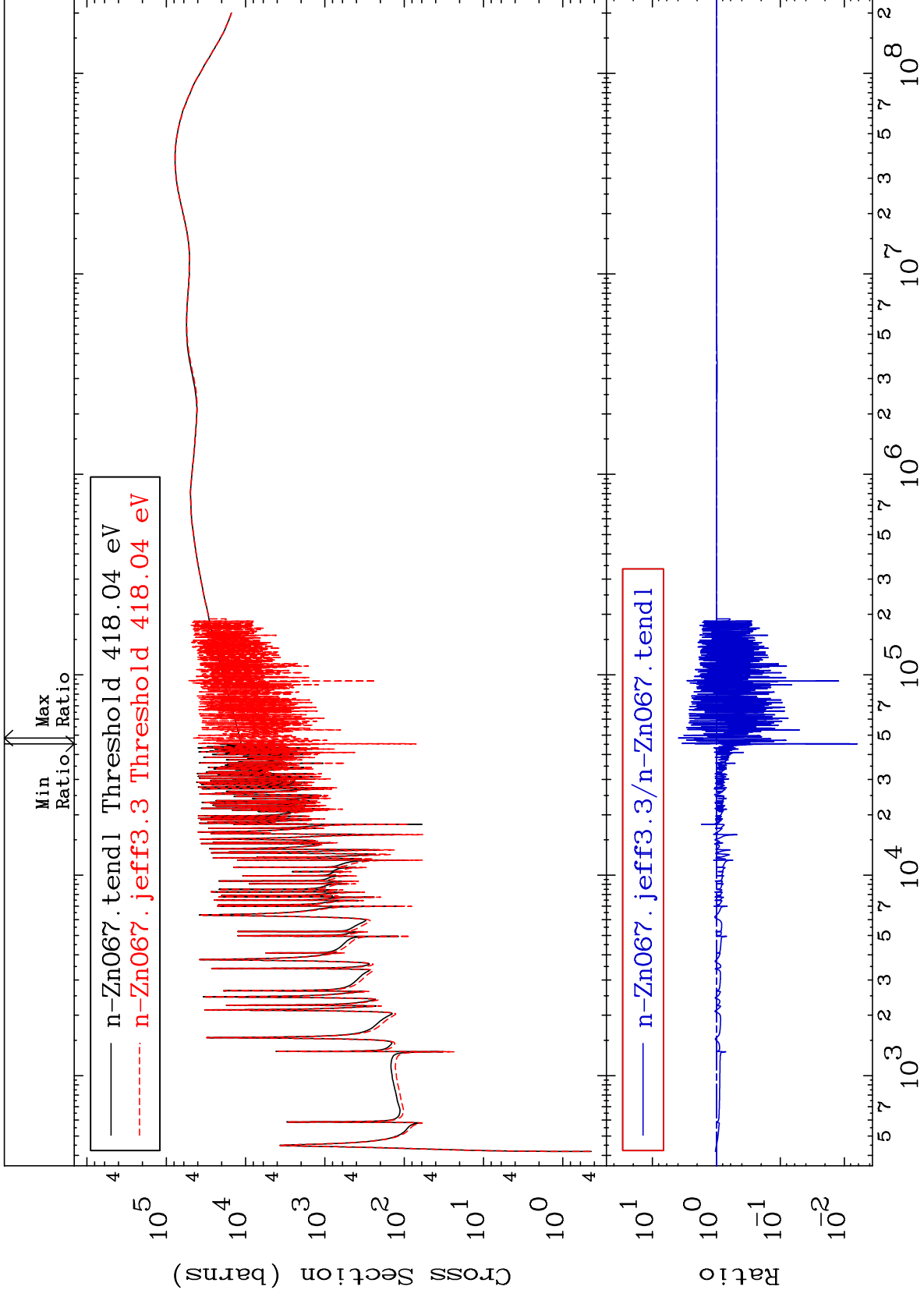
30-Zn-67
-98.57 To 288.4 %



77

Incident Energy (eV)

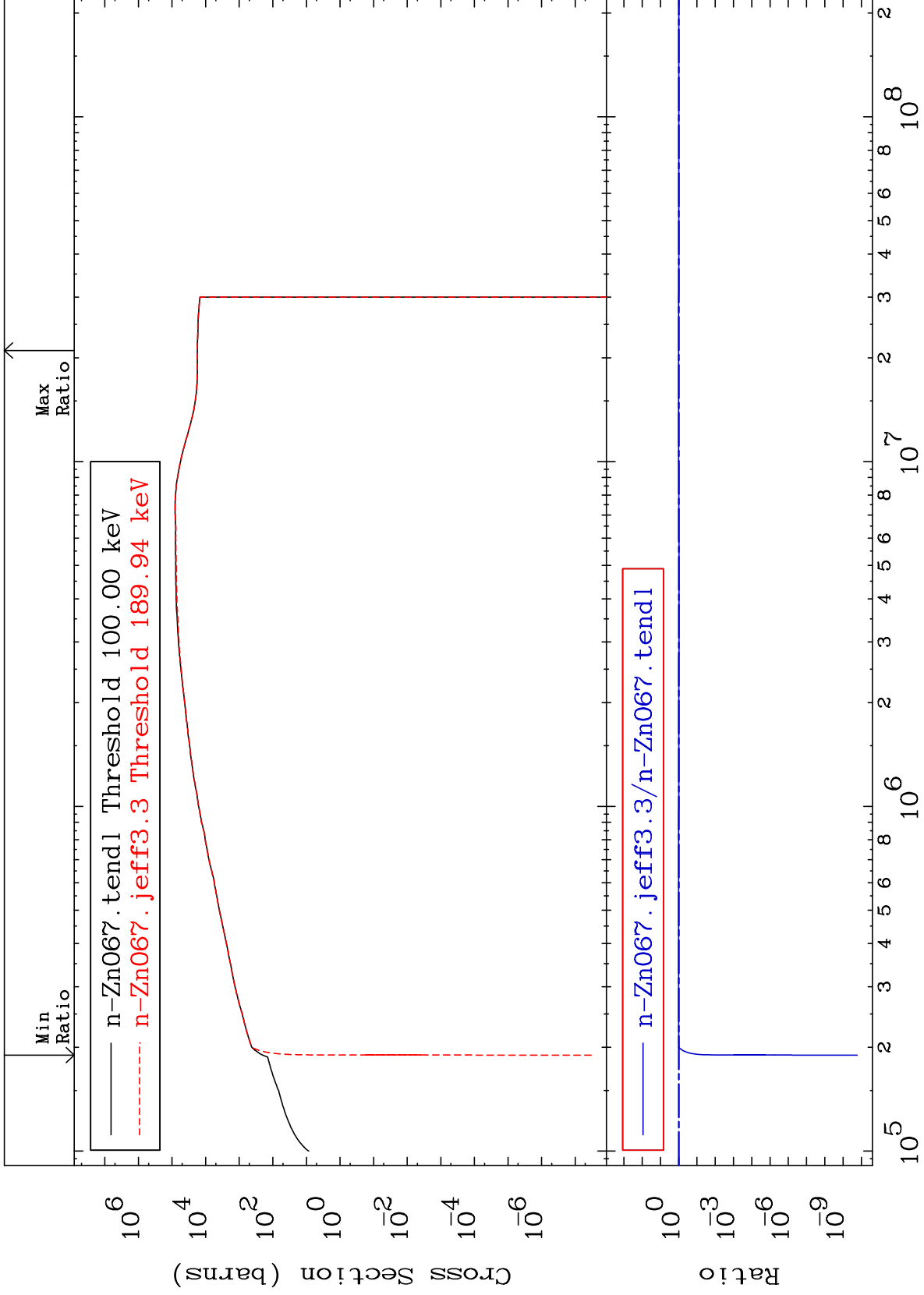
30-Zn-67



MAT 3034

Dpa inelastic (mt51-91)
Cross Section

30-Zn-67
-100.0 To 0.814 %



79

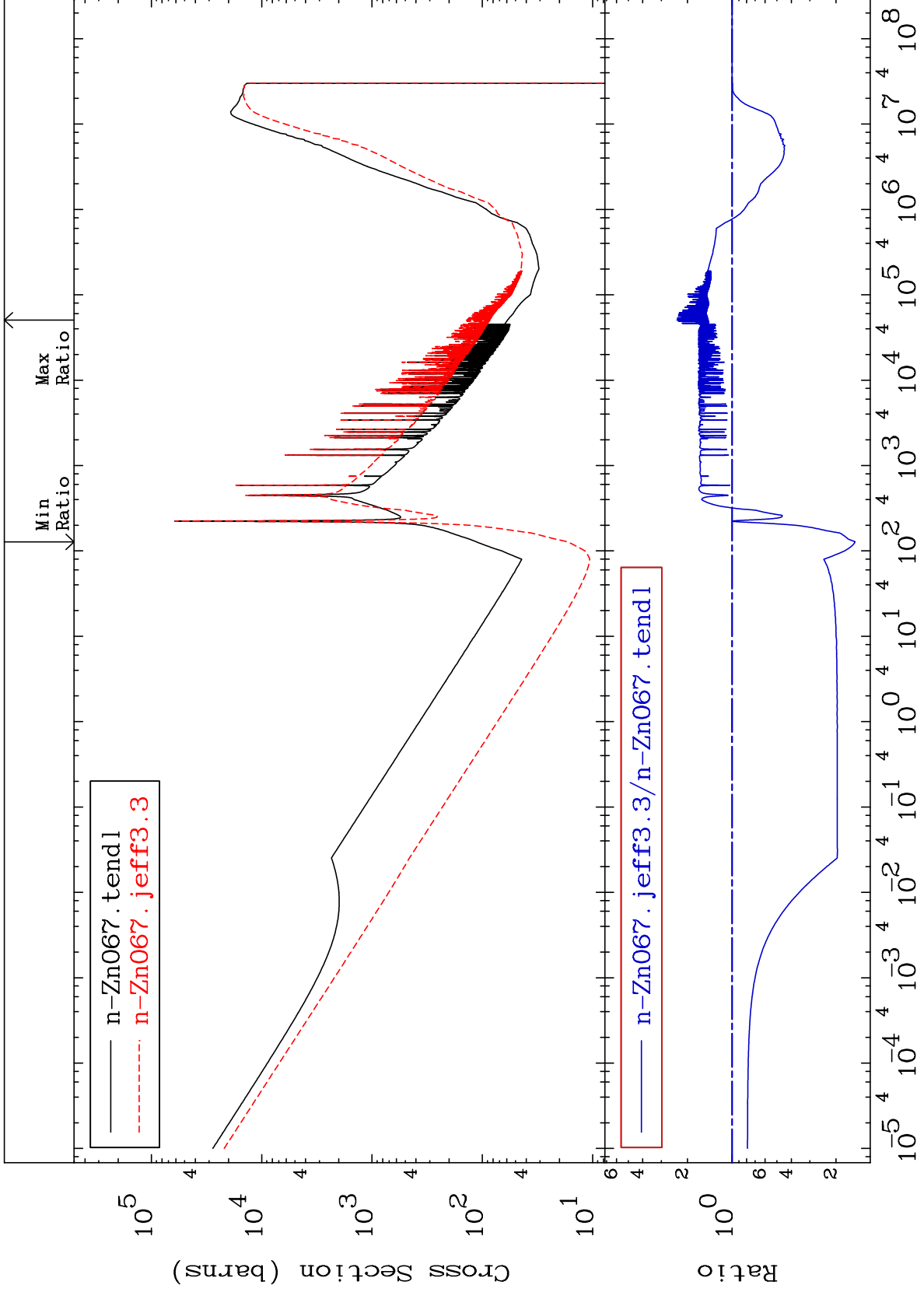
30-Zn-67

30-Zn-67

MAT 3034

Dpa disappearance (mt102 -120)
Cross Section

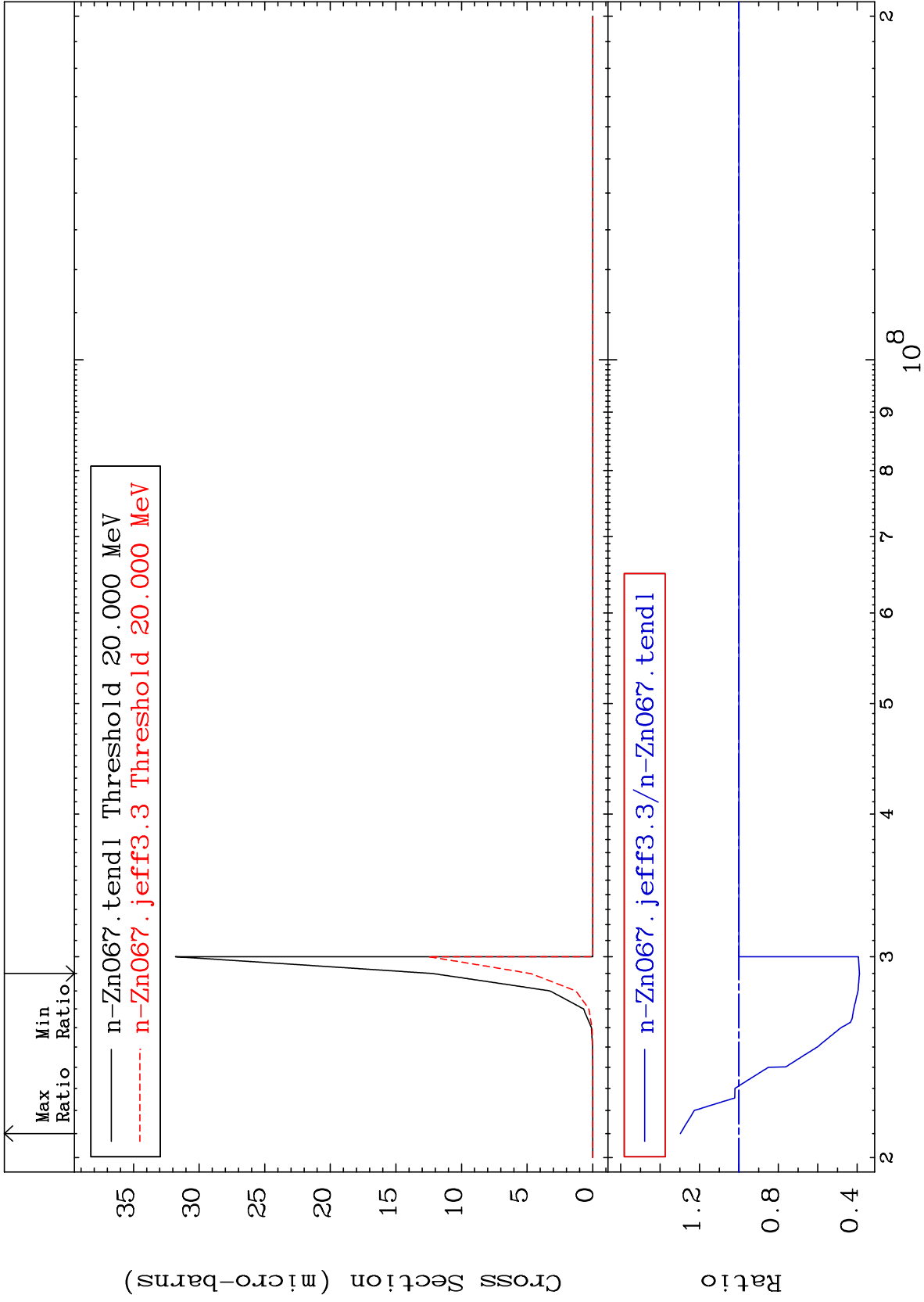
30-Zn-67
-85.11 To 135.3 %



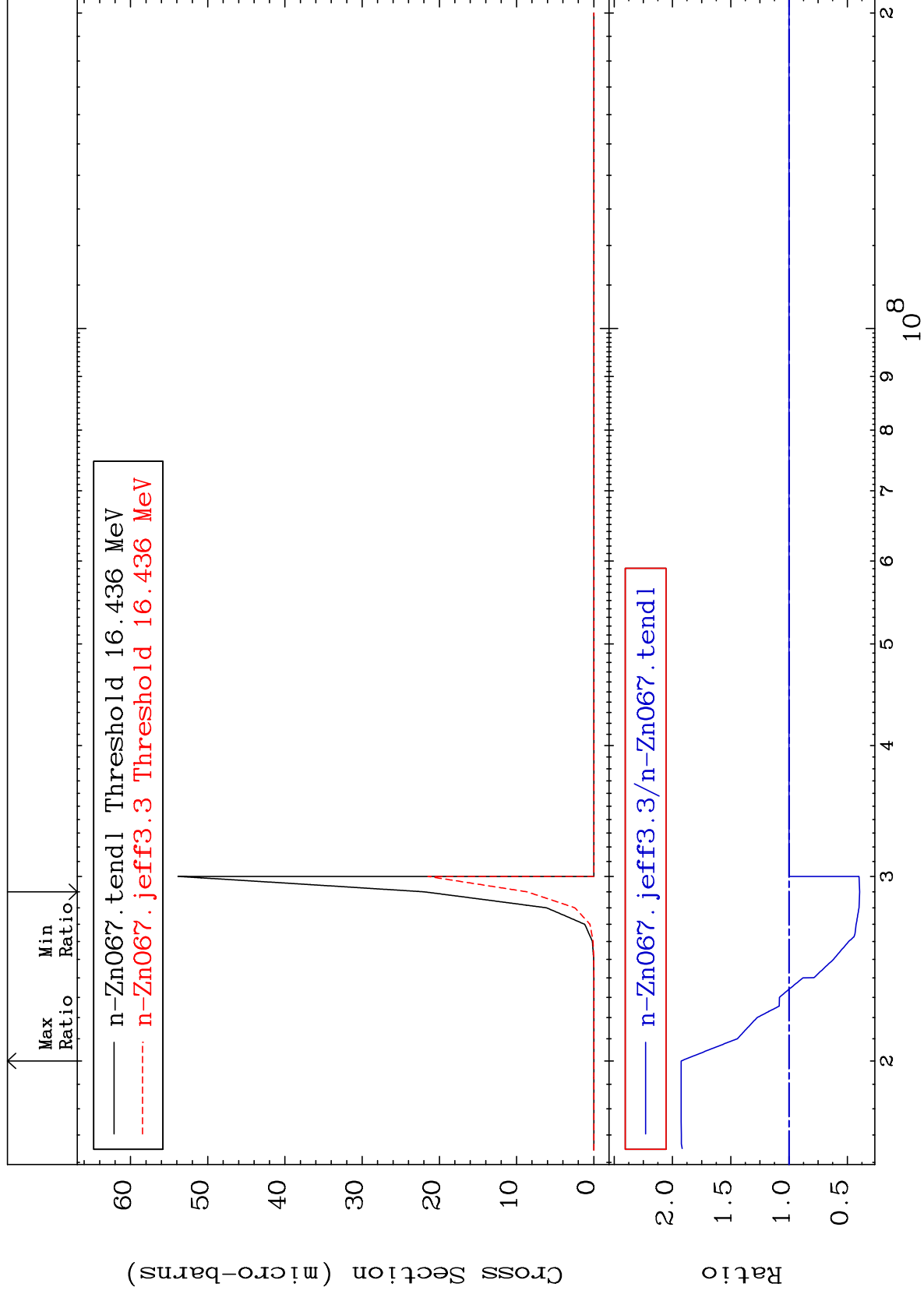
80

Incident Energy (eV)

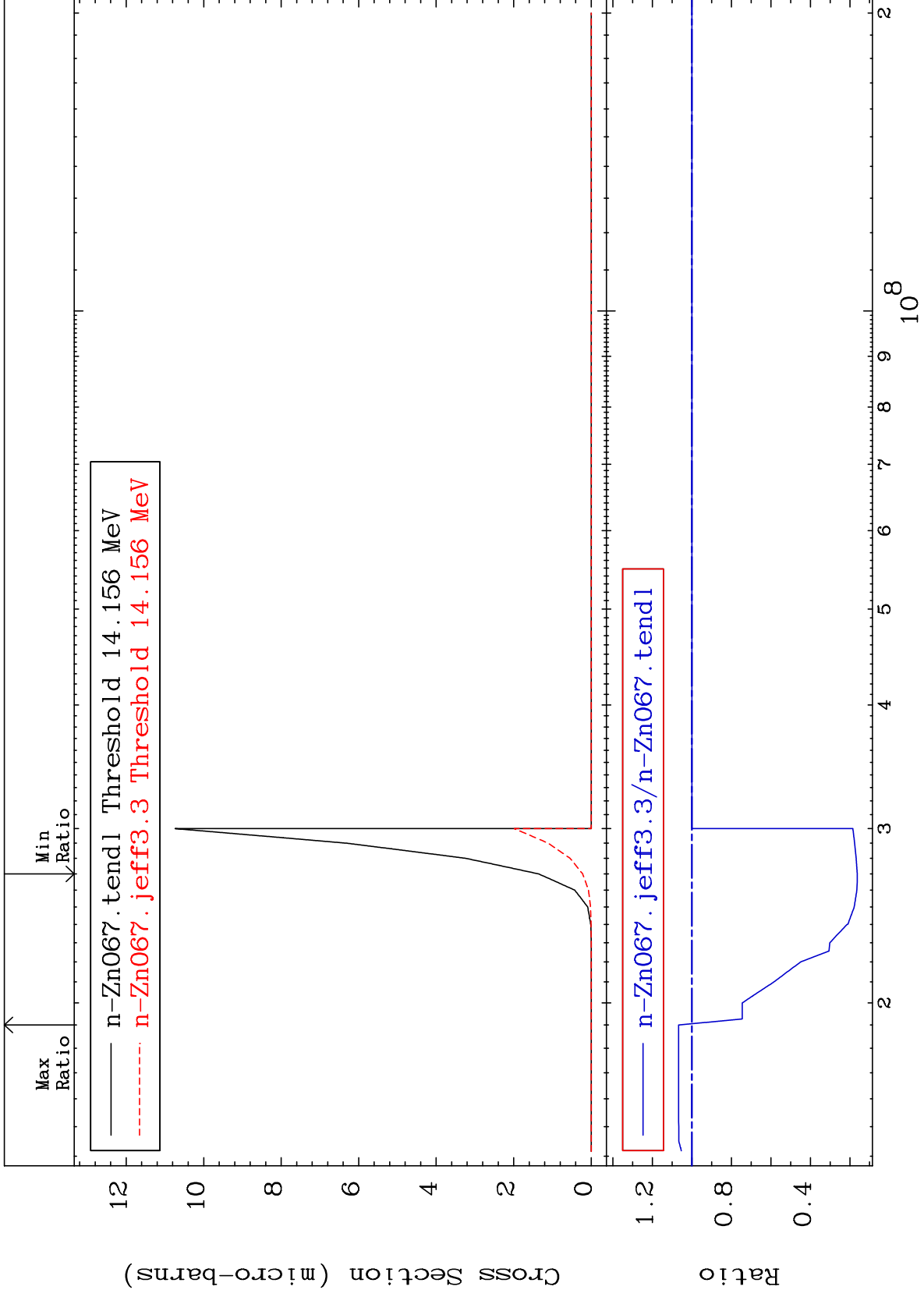
30-Zn-67



Radionuclide Production Cross Section -60.59 To 92.53 %



Radionuclide Production Cross Section -83.74 To 6.728 %



Radionuclide Production Cross Section -82.58 To 33.20 %

