

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

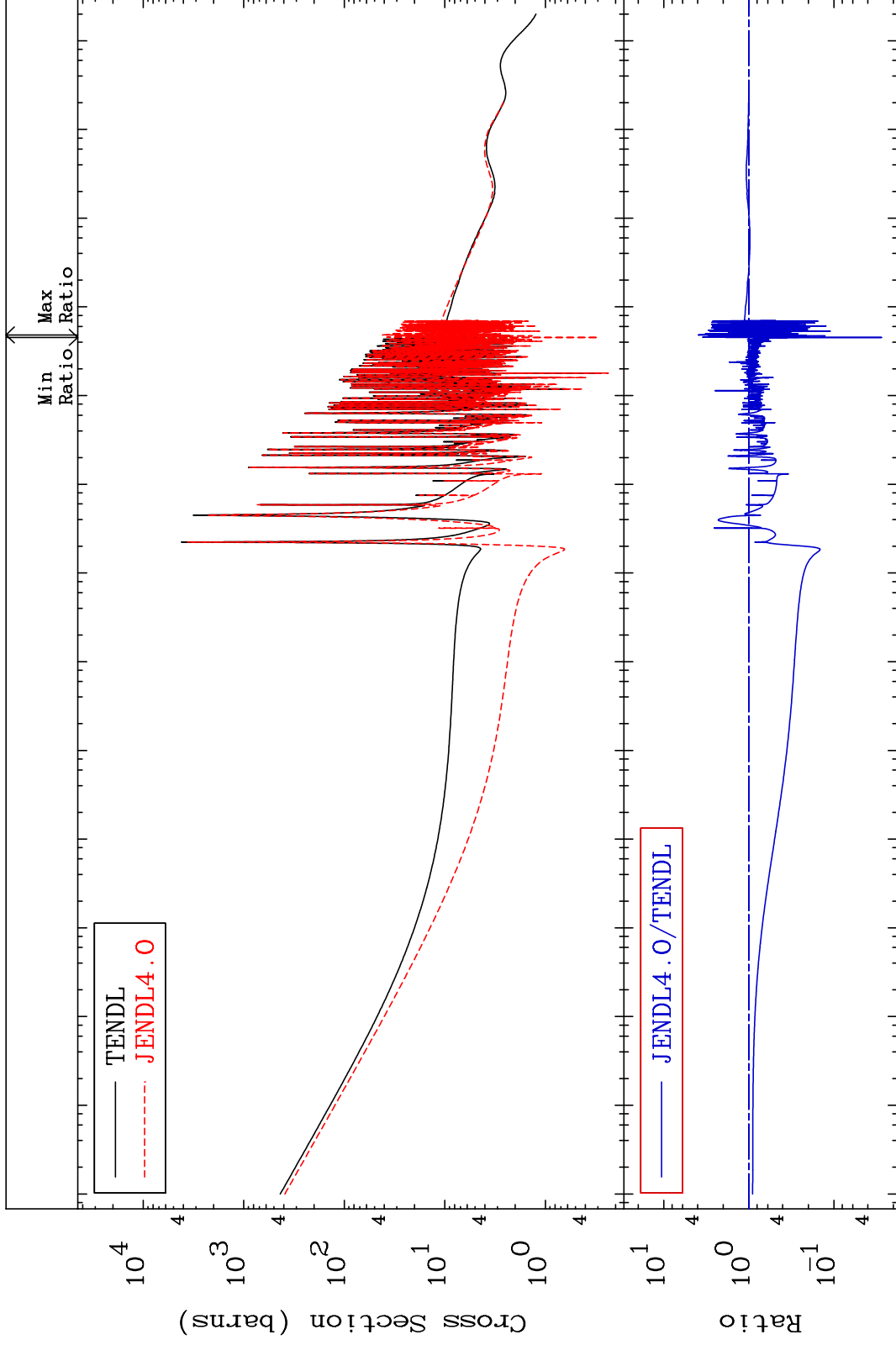
MAT 3034

Total

30-Zn-67

Cross Section

-97.24 To 294.0 %



Incident Energy (eV)

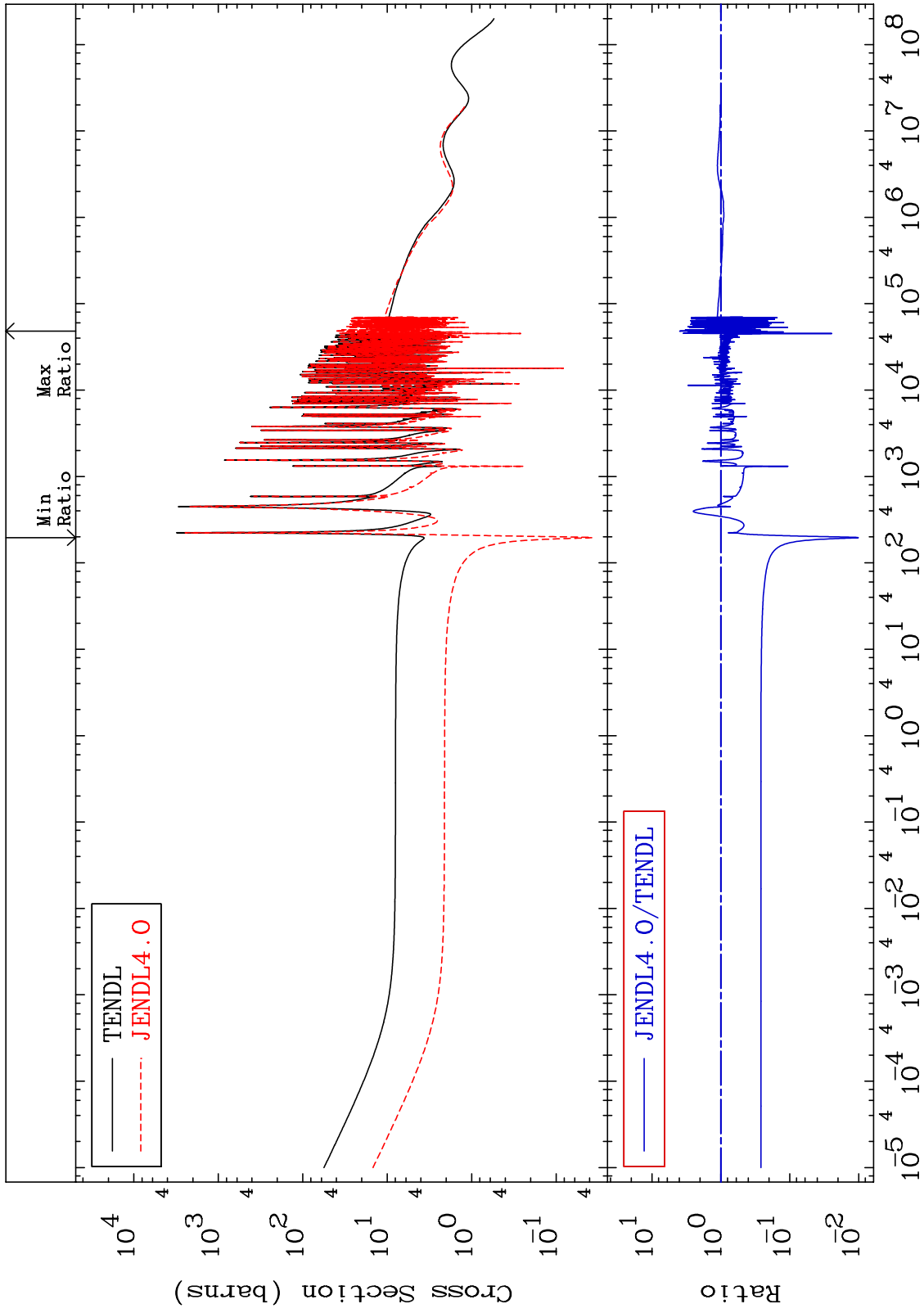
30-Zn-67

1

MAT 3034

Elastic
Cross Section

30-Zn-67
-98.99 To 294.7 %



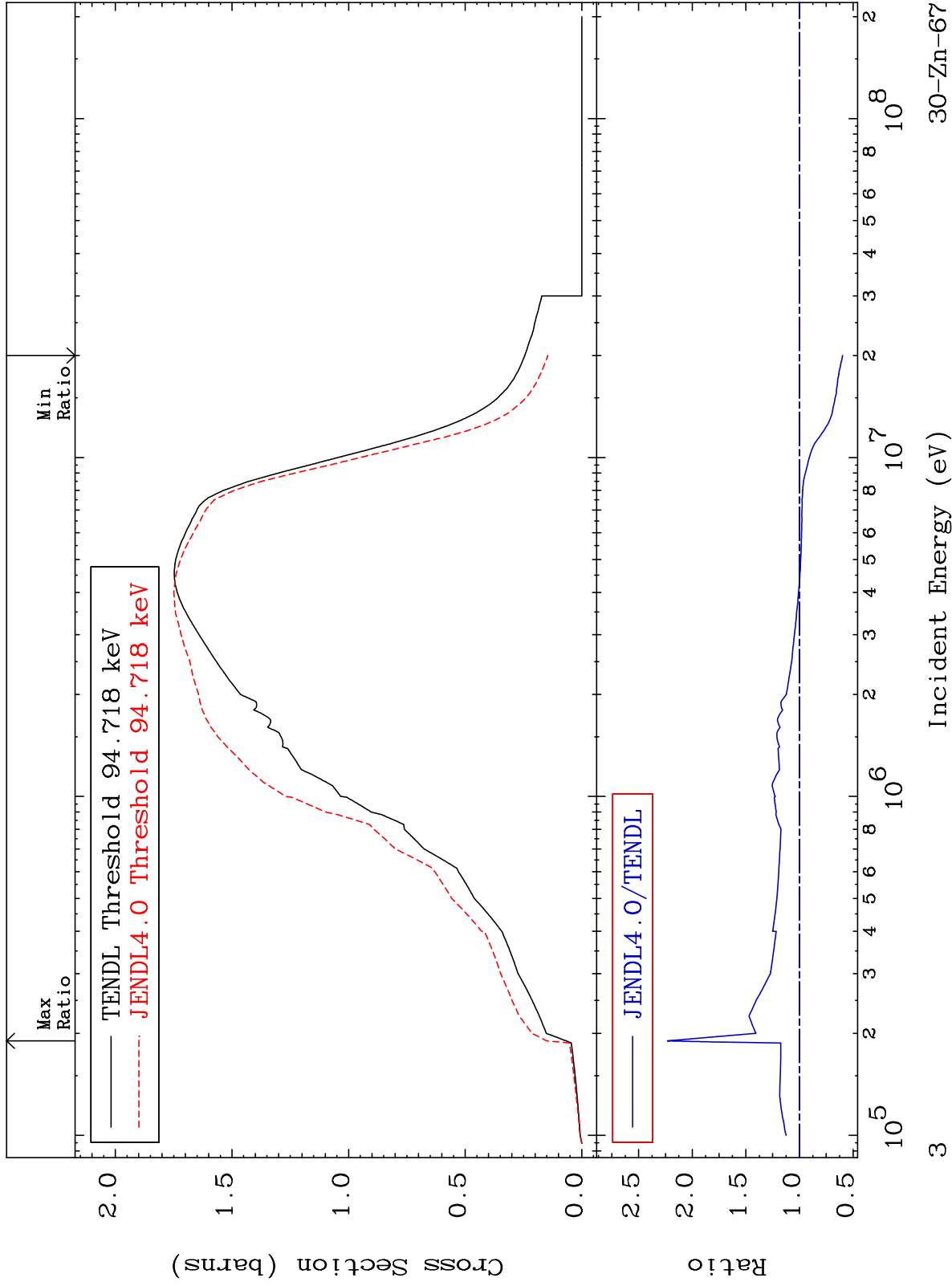
Incident Energy (eV)

30-Zn-67

MAT 3034

Inelastic
Cross Section

30-Zn-67
-40.33 To 123.1 %



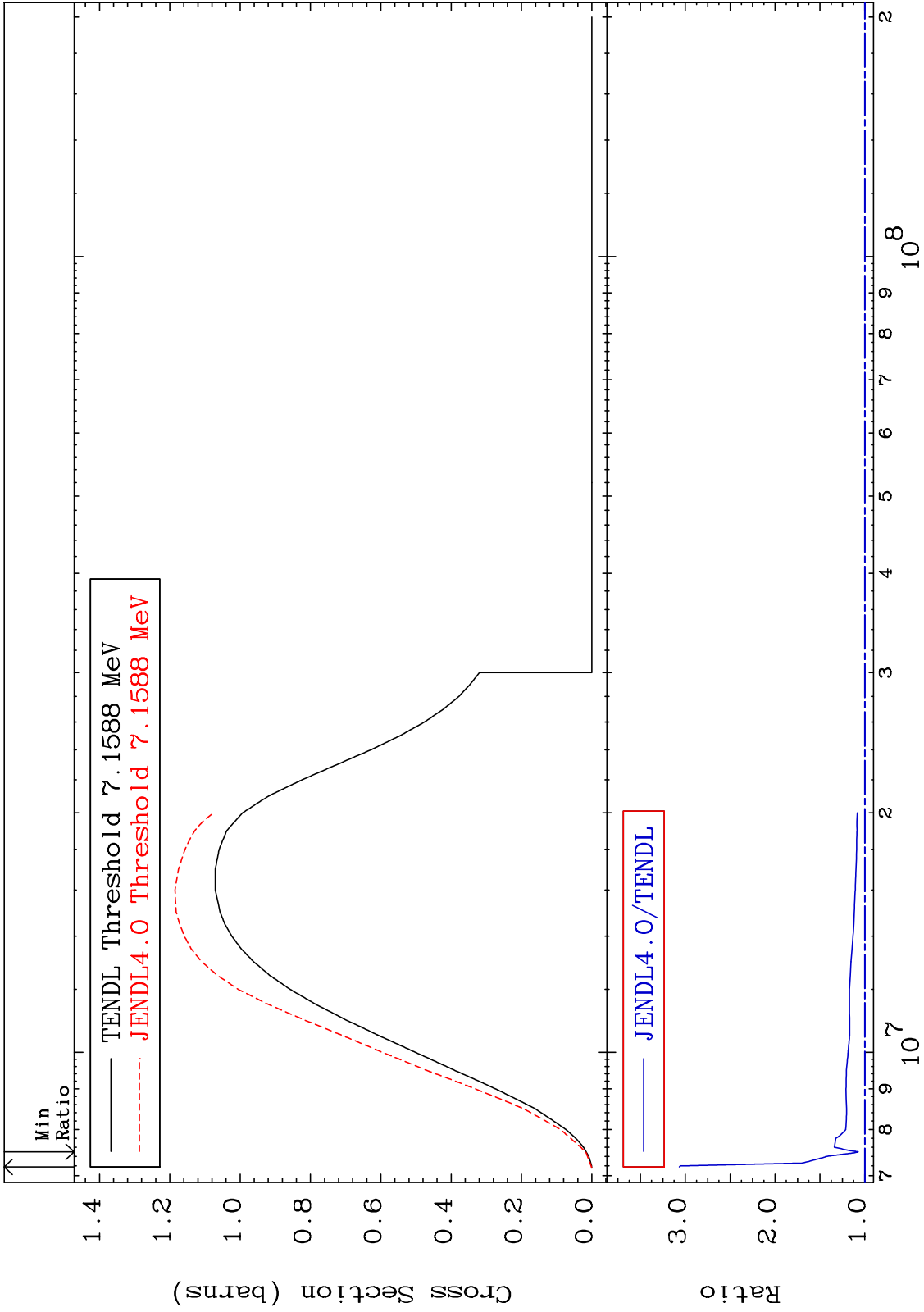
MAT 3034

(n,2n)

30-Zn-67

Cross Section

7.368 To 206.6 %



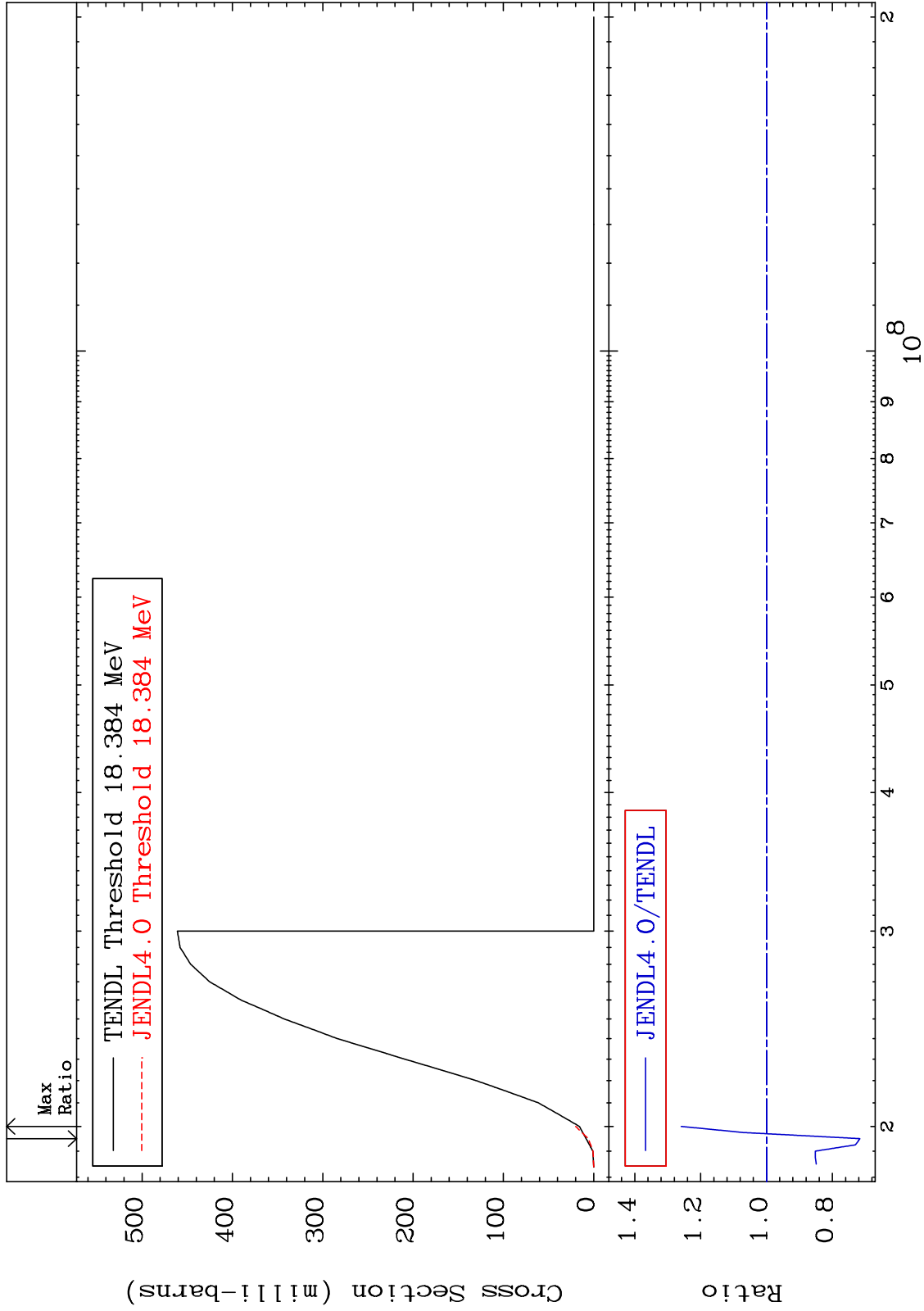
MAT 3034

(n,3n)

30-Zn-67

Cross Section

-28.35 To 25.89 %



5

Incident Energy (eV)

30-Zn-67

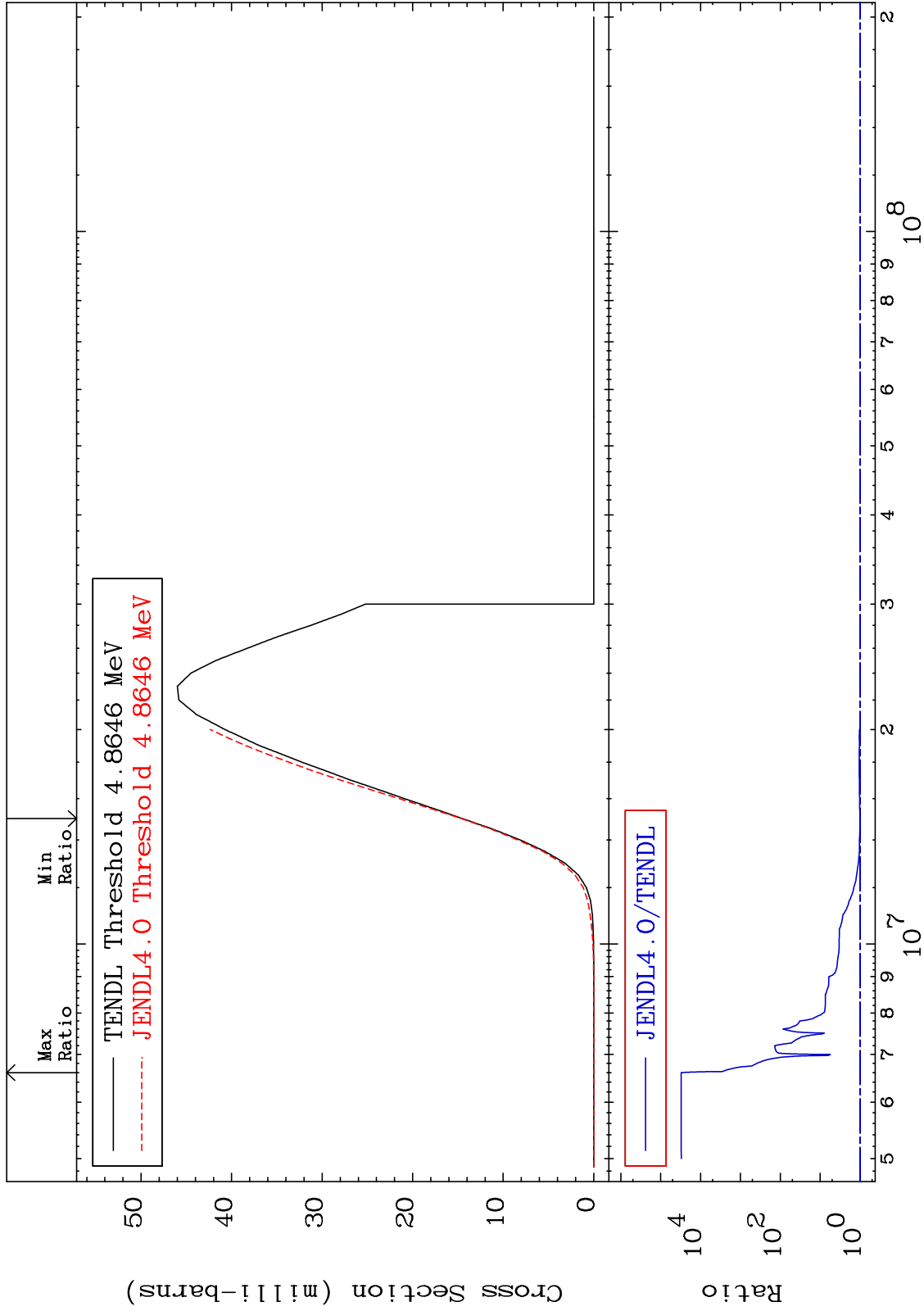
MAT 3034

(n,n') α

30-Zn-67

Cross Section

0.696 To 9999. %



6

Incident Energy (eV)

30-Zn-67

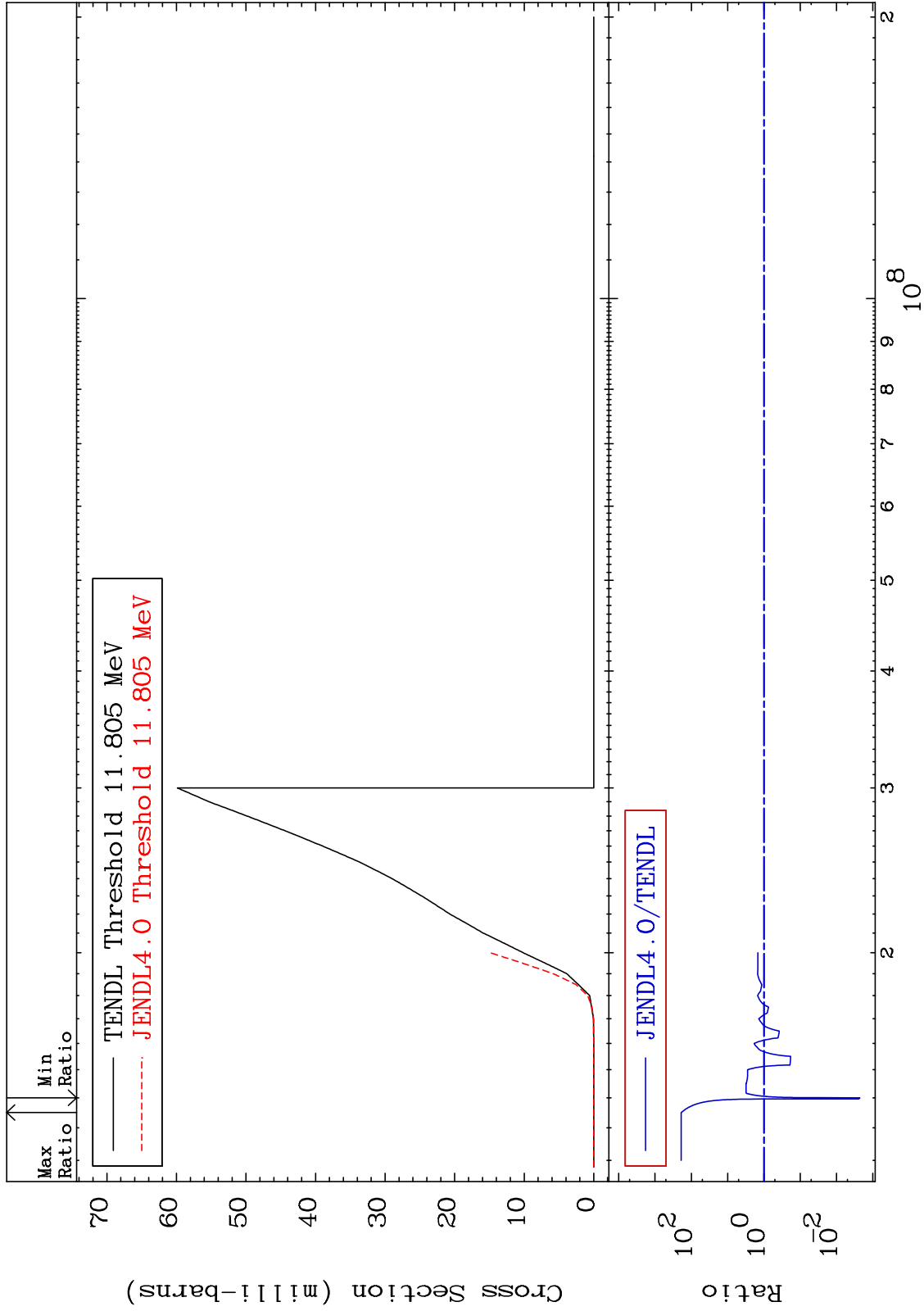
MAT 3034

(n,2n) α

30-Zn-67

Cross Section

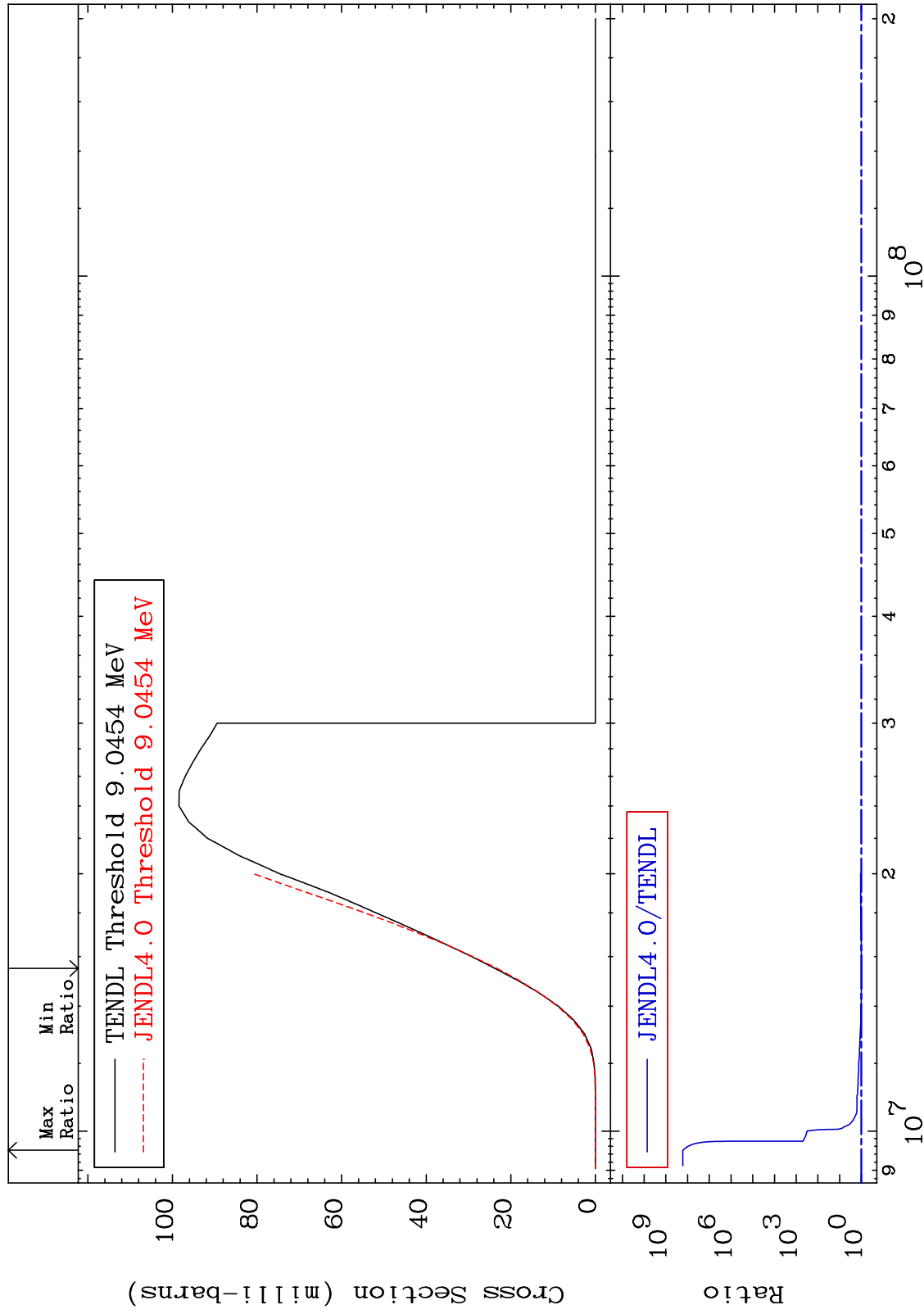
-99.77 To 9999. %



MAT 3034

(n,n') p
Cross Section

30-Zn-67
-2.063 To 9999. %



30-Zn-67

Incident Energy (eV)

8

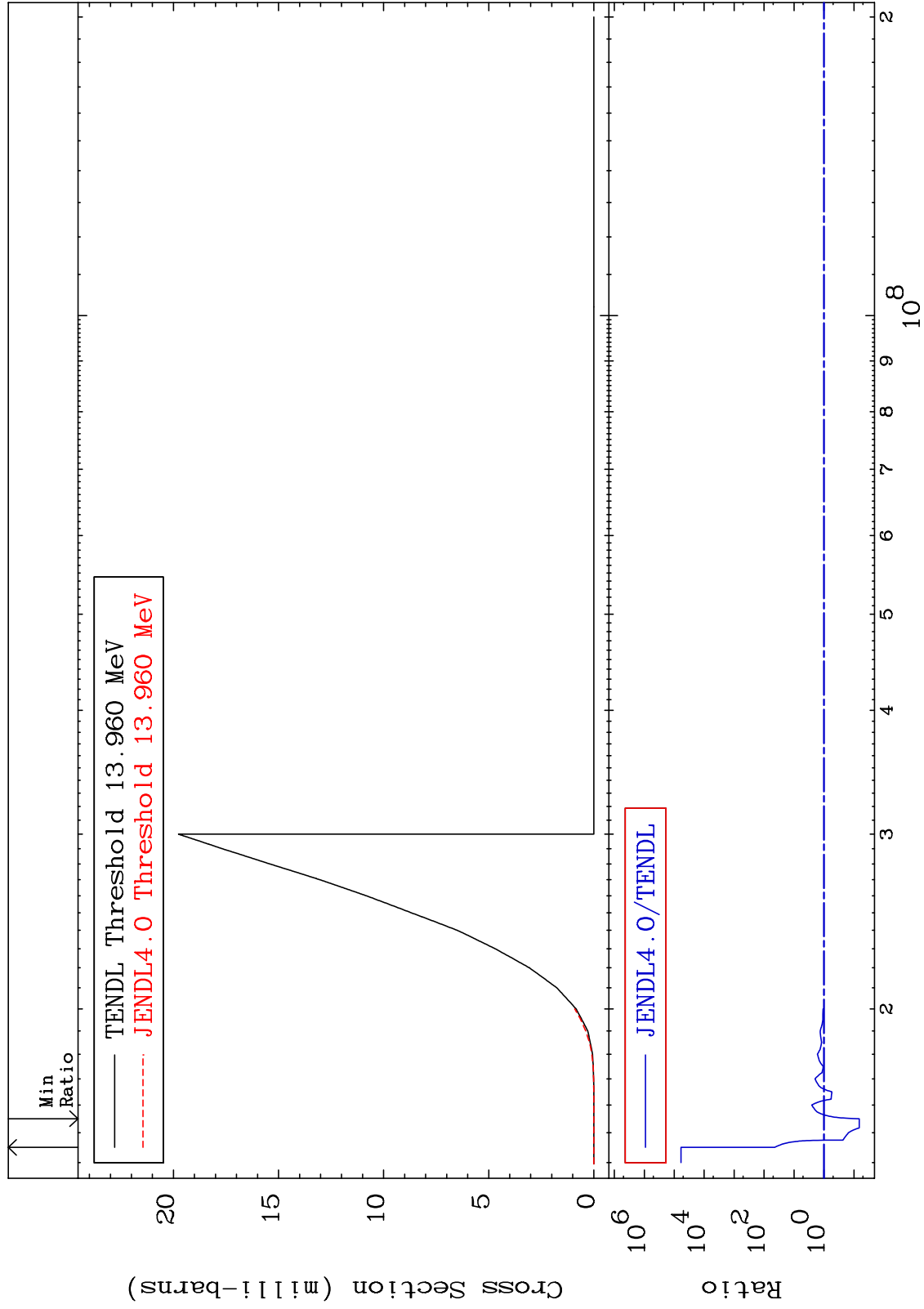
MAT 3034

(n, n') d

30-Zn-67

Cross Section

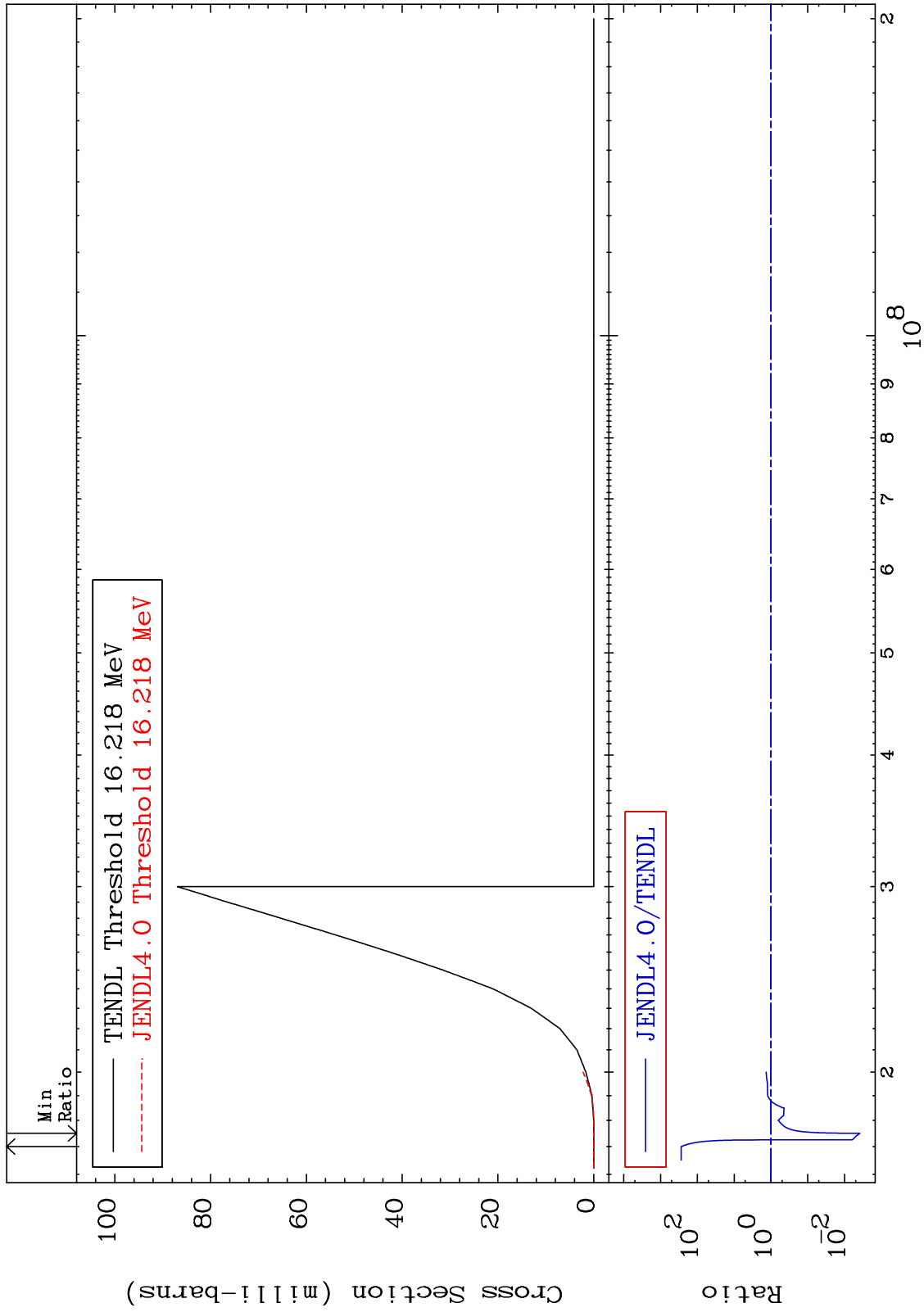
-93.38 To 9999. %



MAT 3034

(n,2n) p
Cross Section

30-Zn-67
-99.62 To 9999. %



10

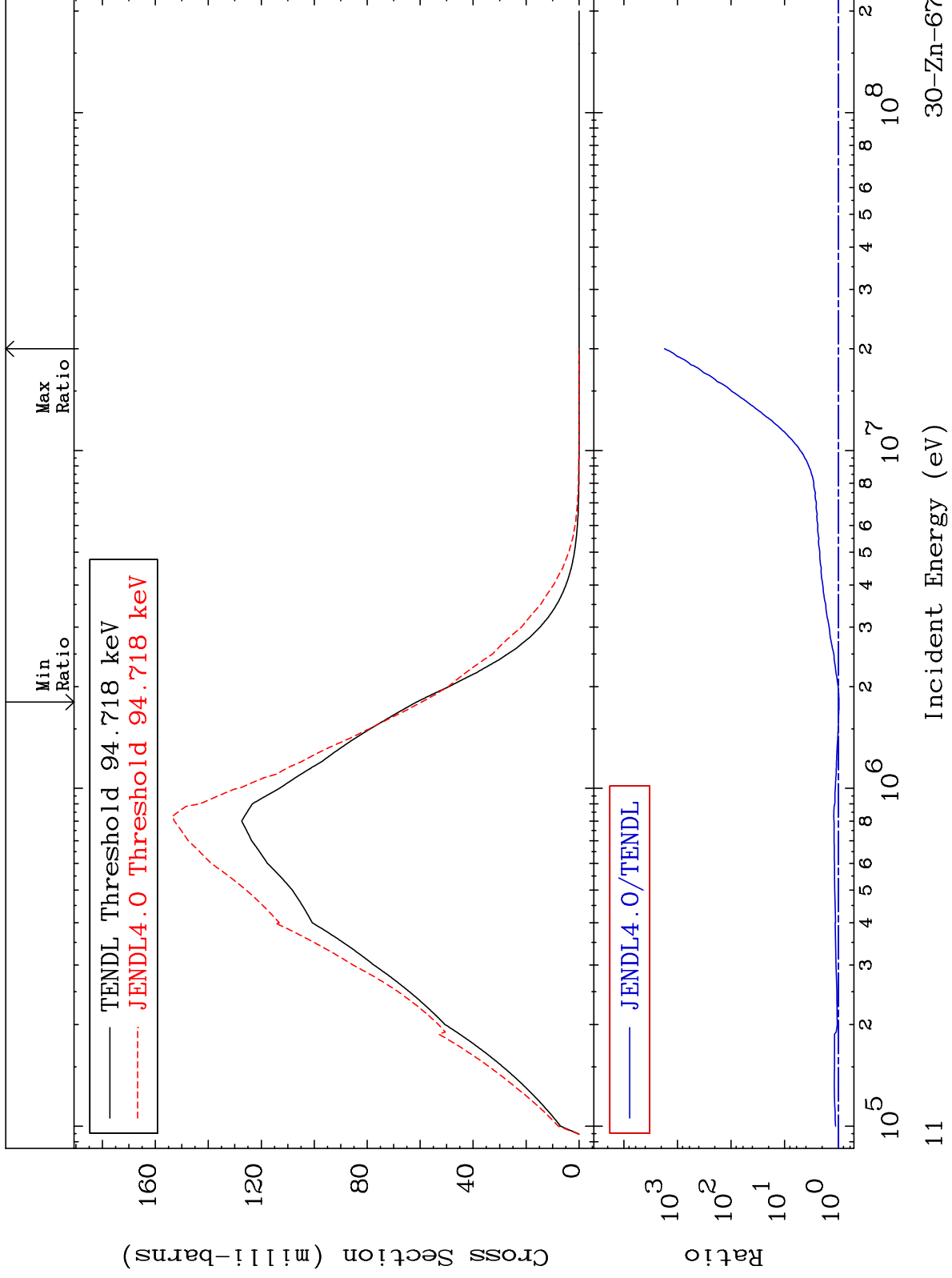
Incident Energy (eV)

30-Zn-67

MAT 3034

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

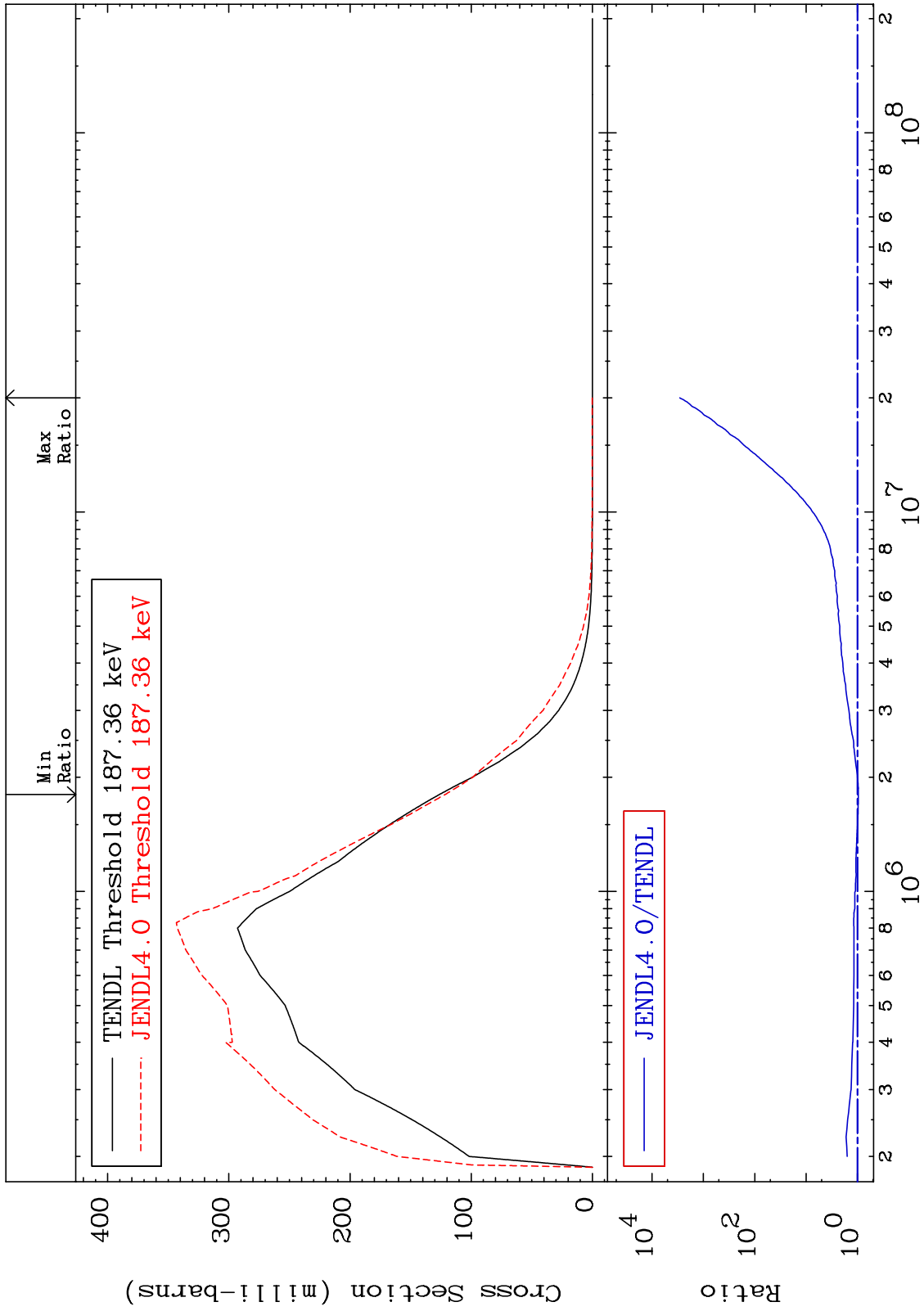
30-Zn-67
-3.186 To 9999. %



MAT 3034

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

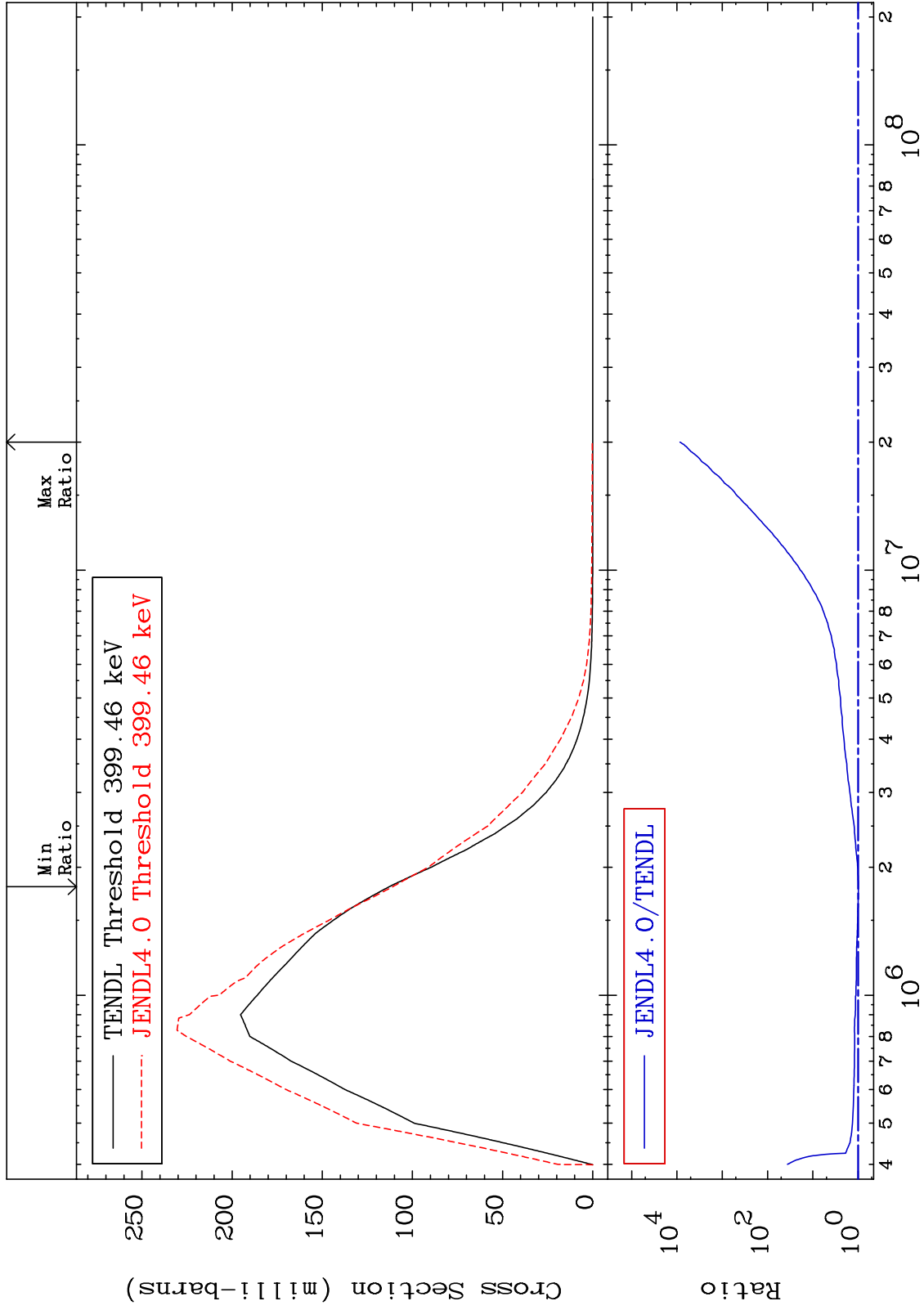
30-Zn-67
-3.765 To 9999. %

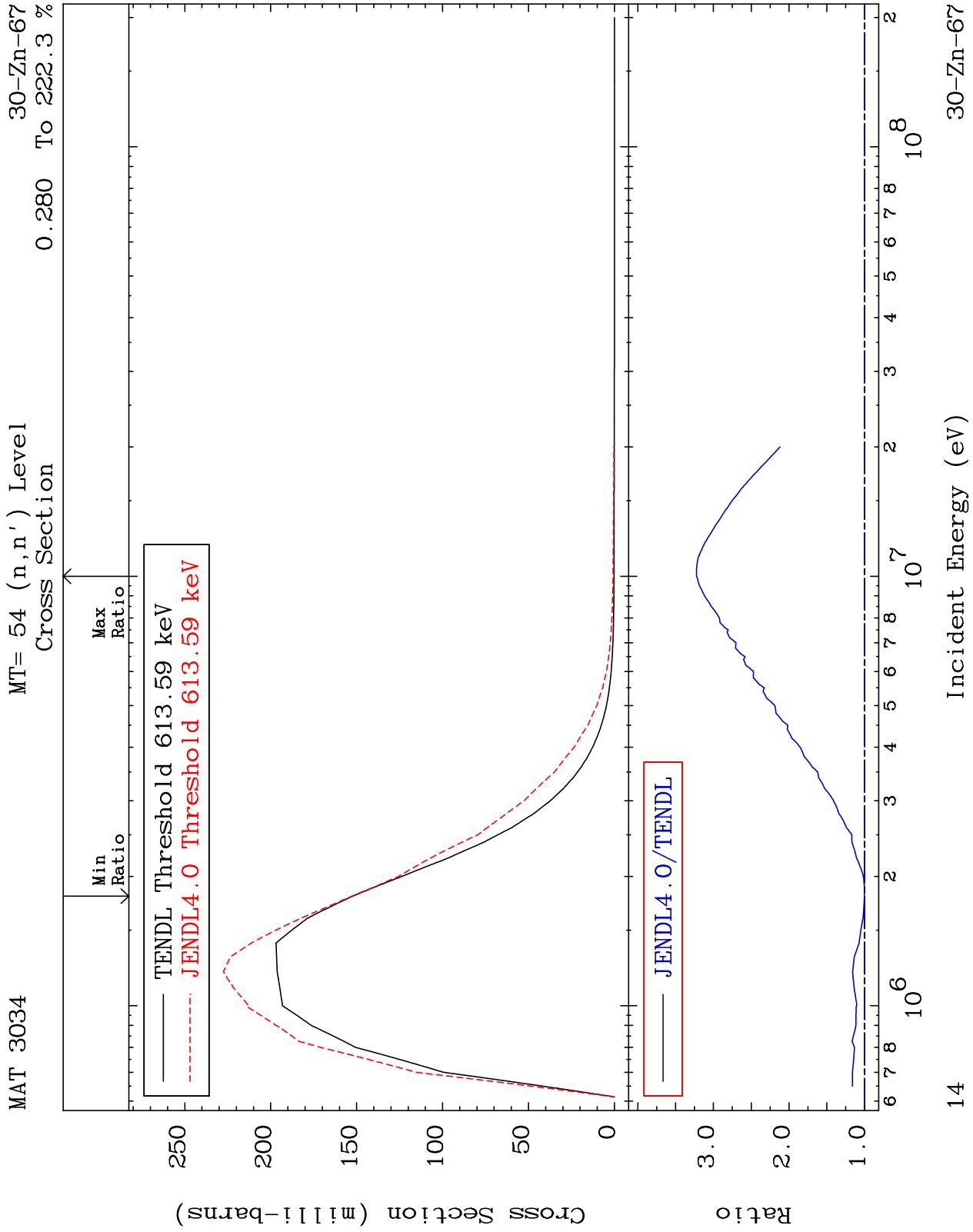


MAT 3034

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

30-Zn-67
-1.766 To 9999. %

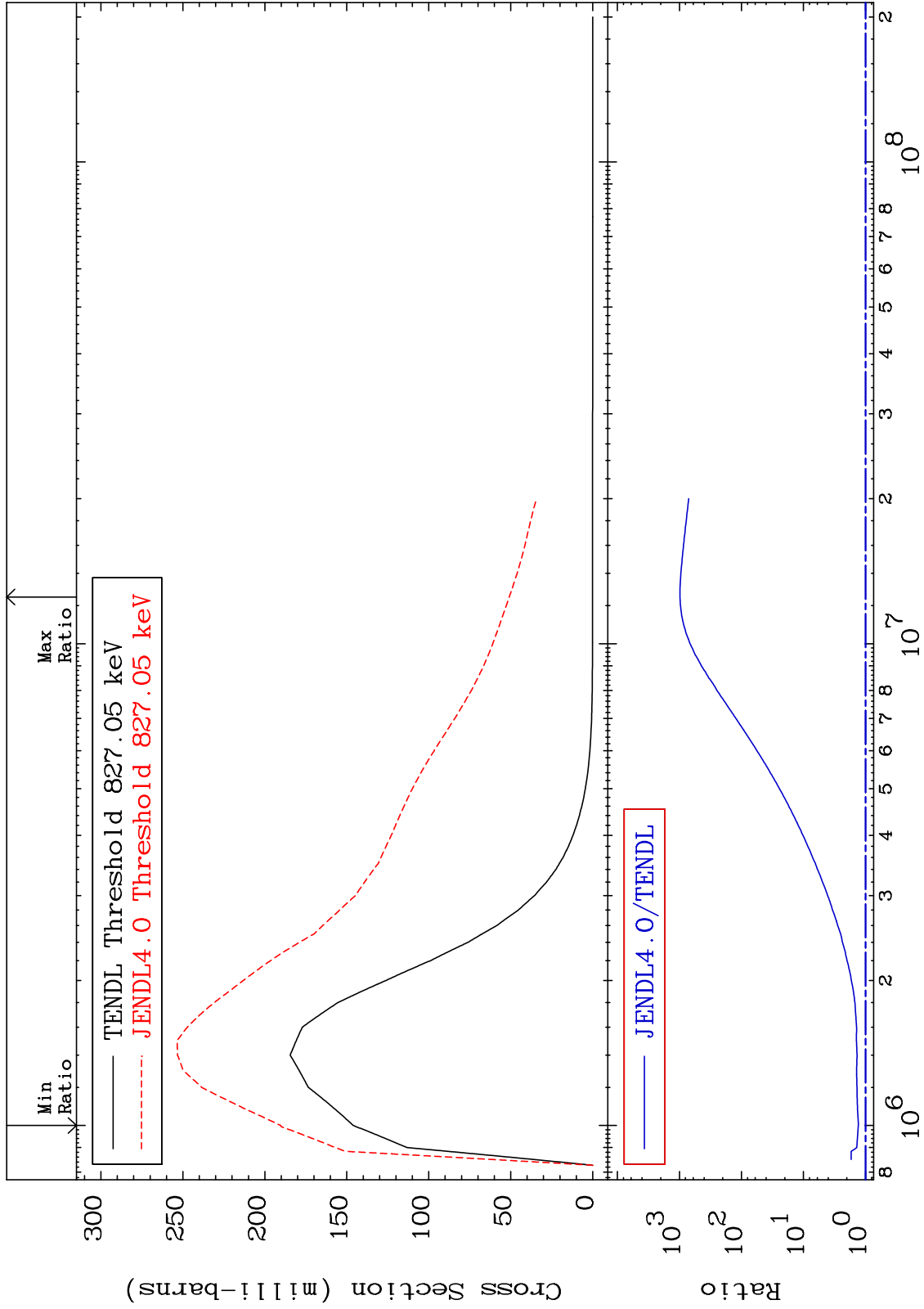




MAT 3034

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

30.36 To 9999. %
30-Zn-67



15

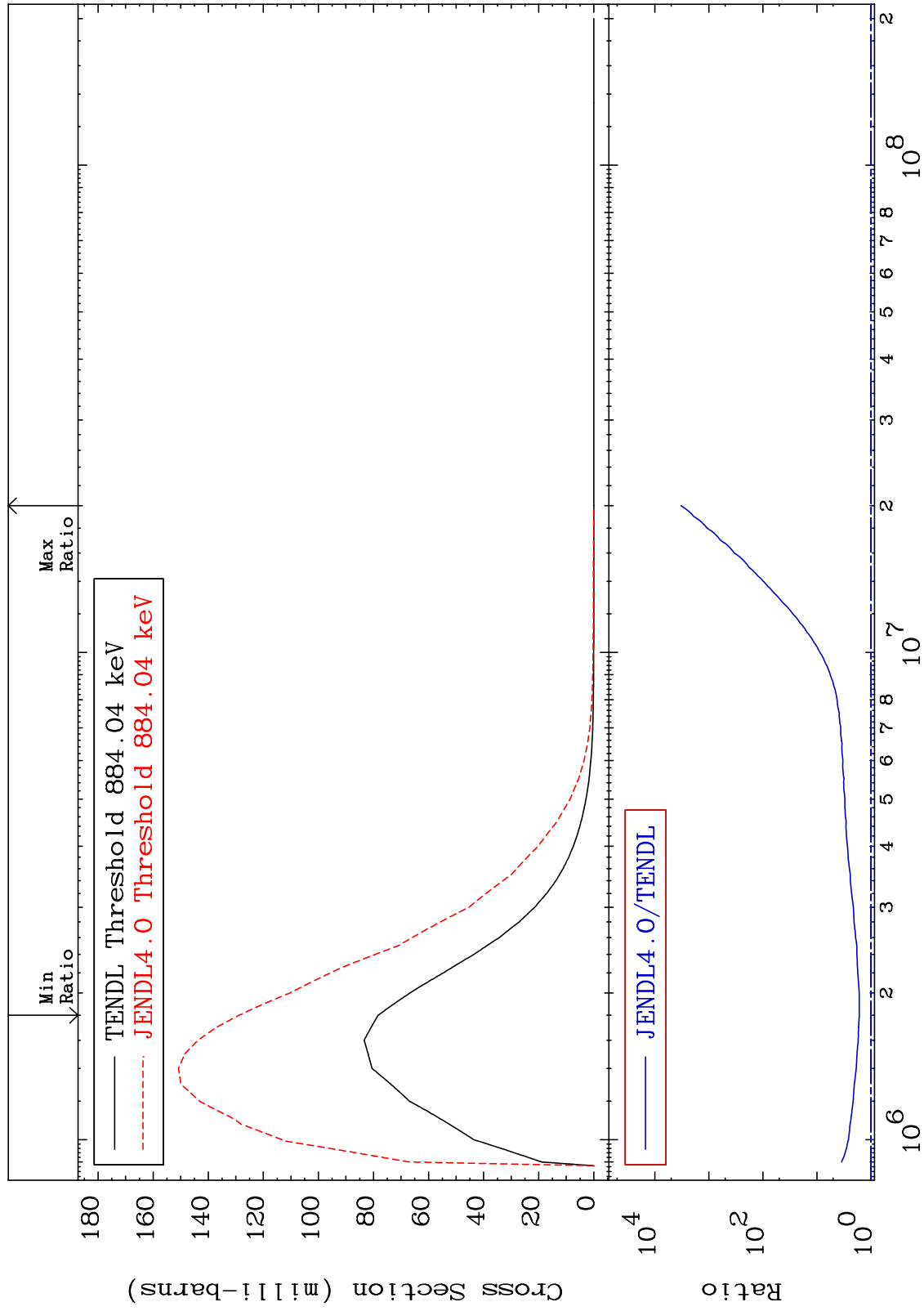
Incident Energy (eV)

30-Zn-67

MAT 3034

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

30-Zn-67
64.45 To 9999. %



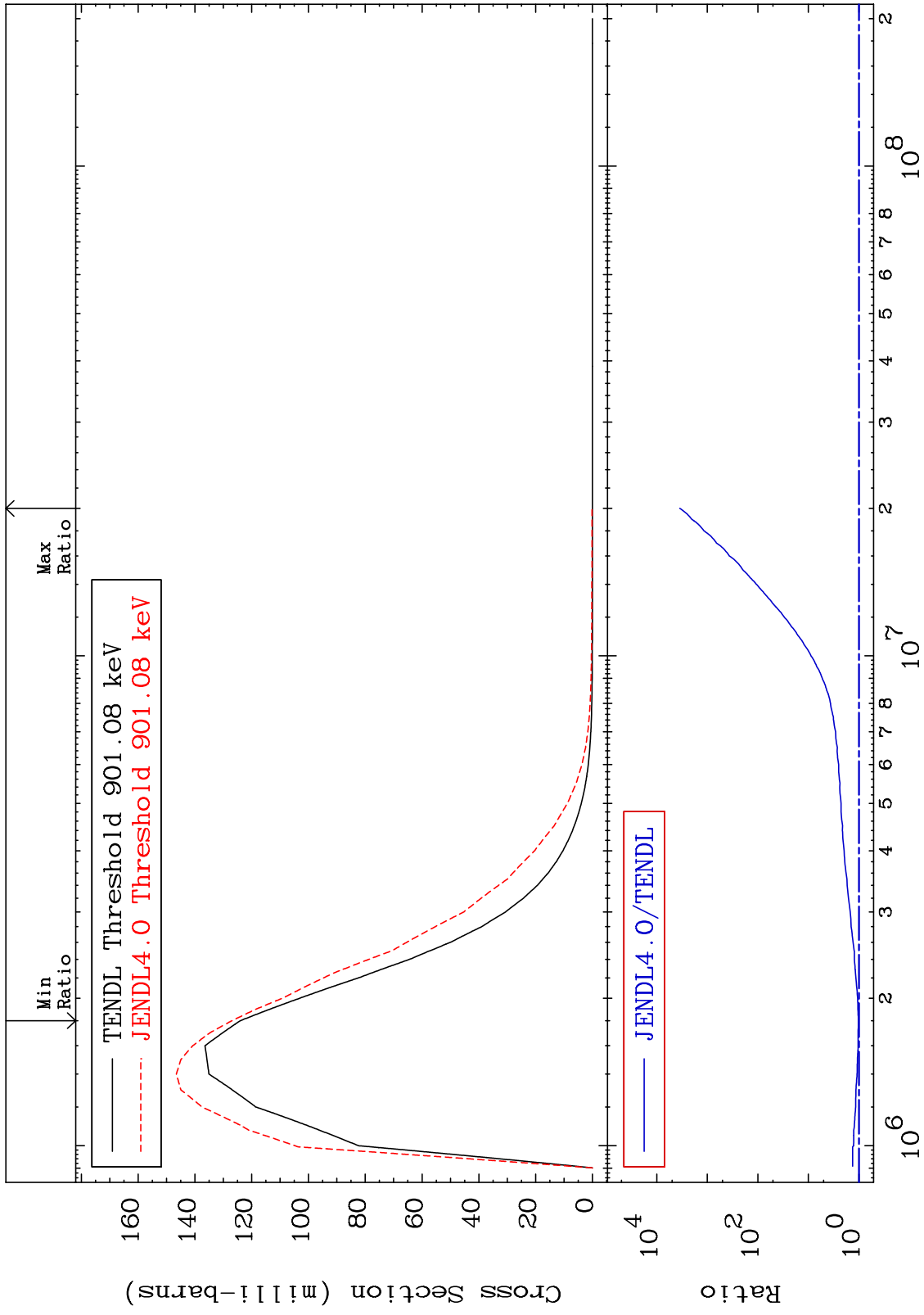
Incident Energy (eV)

30-Zn-67

MAT 3034

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

30-Zn-67
2.352 To 9999. %



17

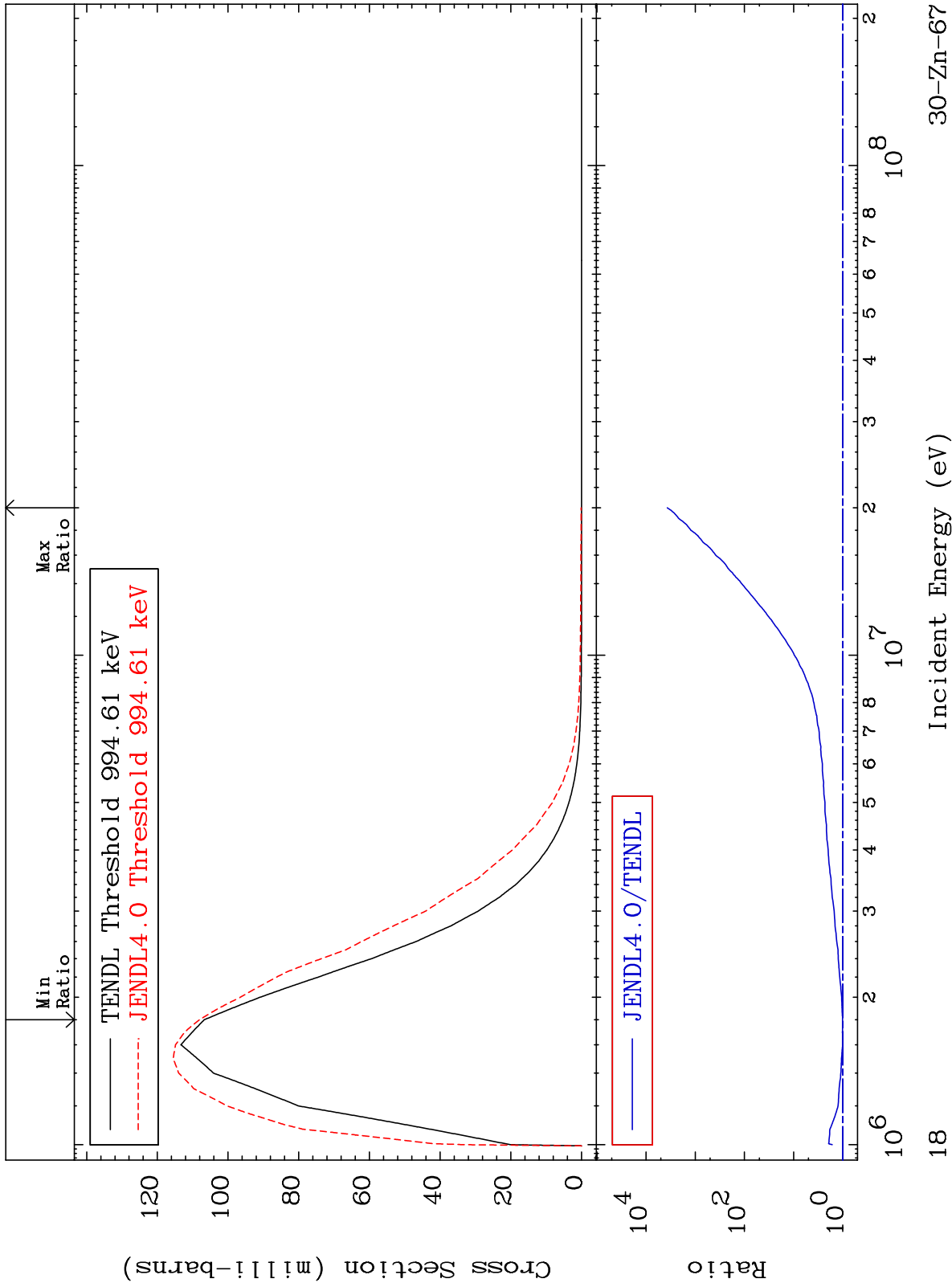
Incident Energy (eV)

30-Zn-67

MAT 3034

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

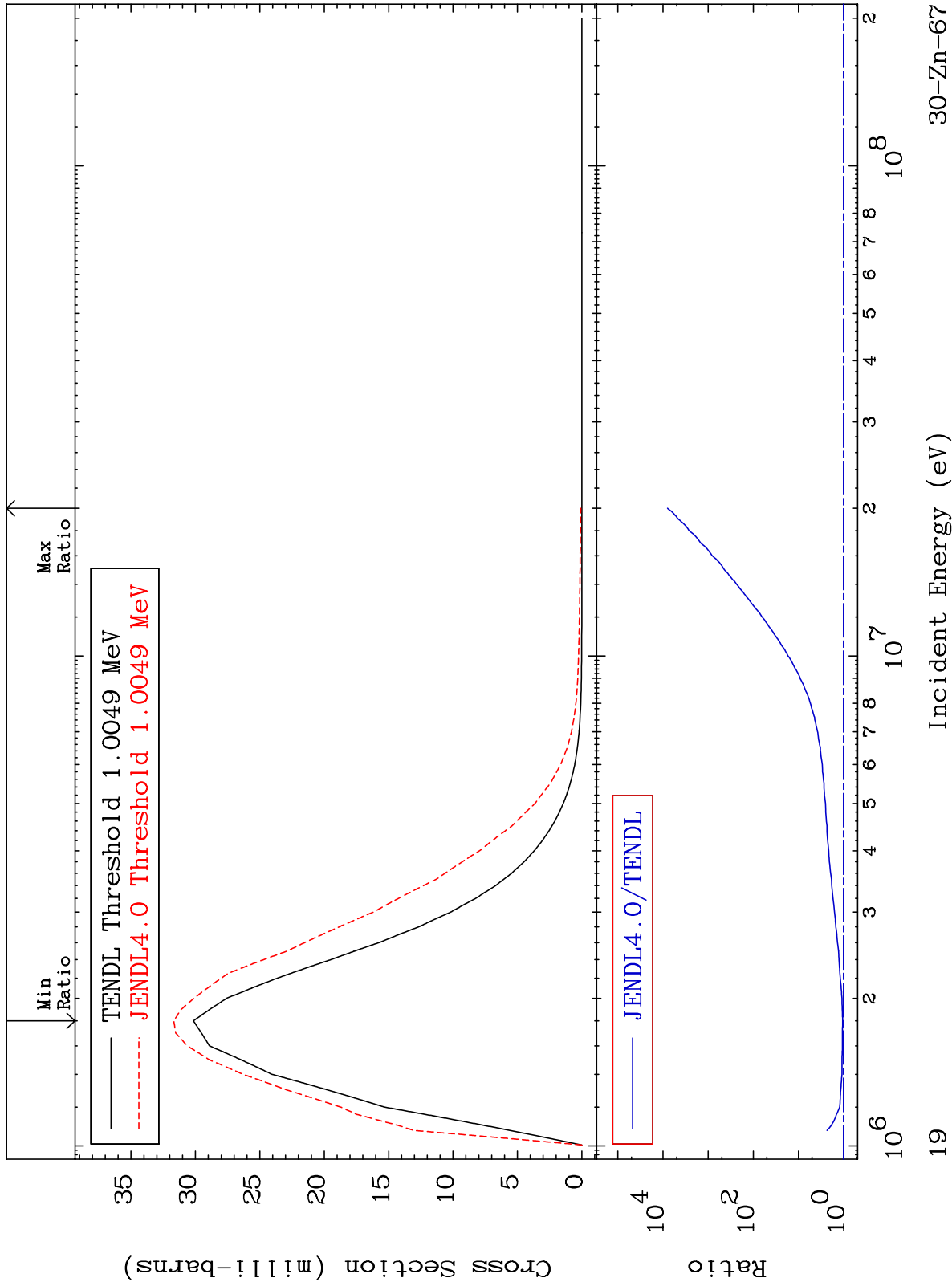
30-Zn-67
1.262 To 9999. %



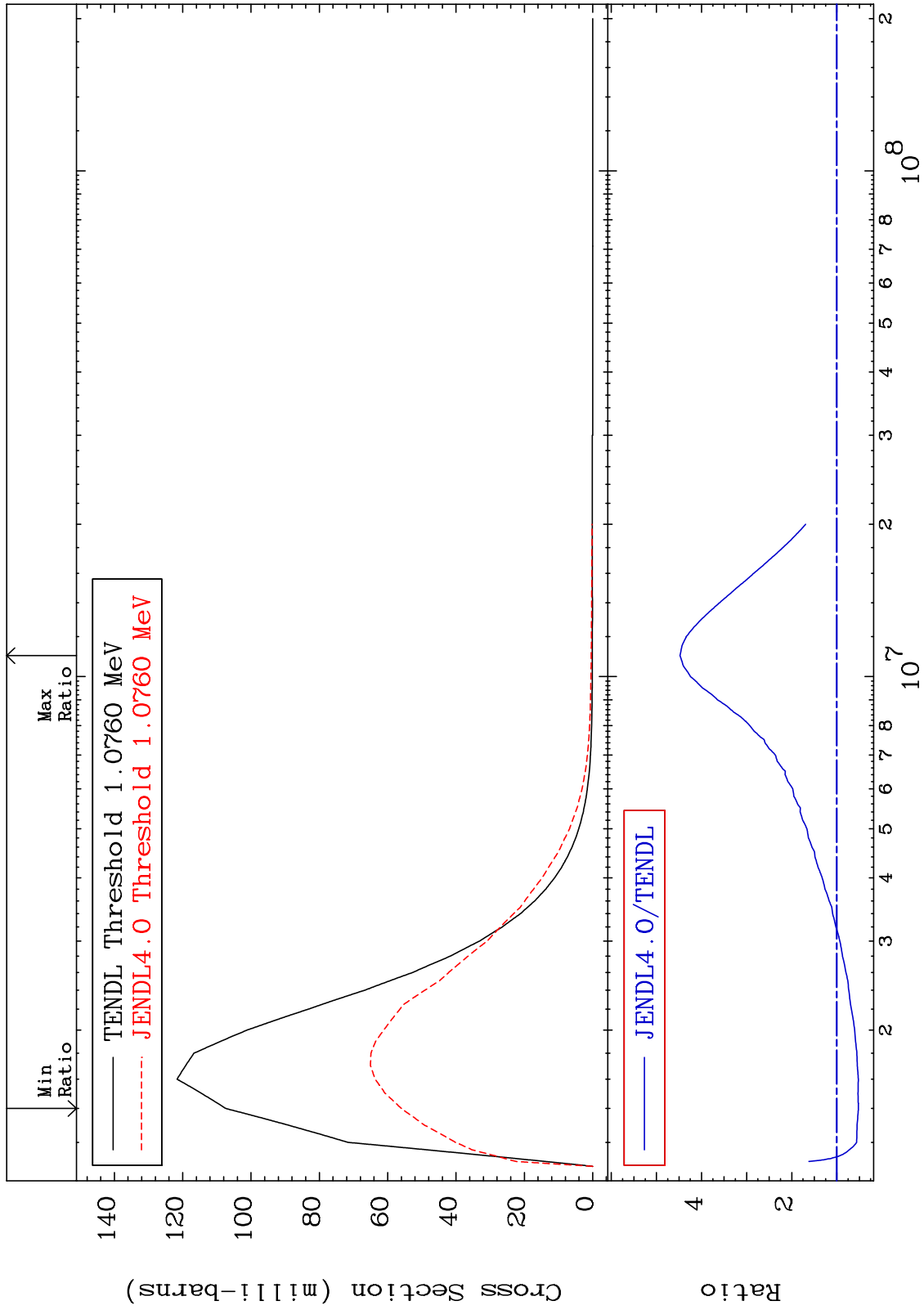
MAT 3034

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

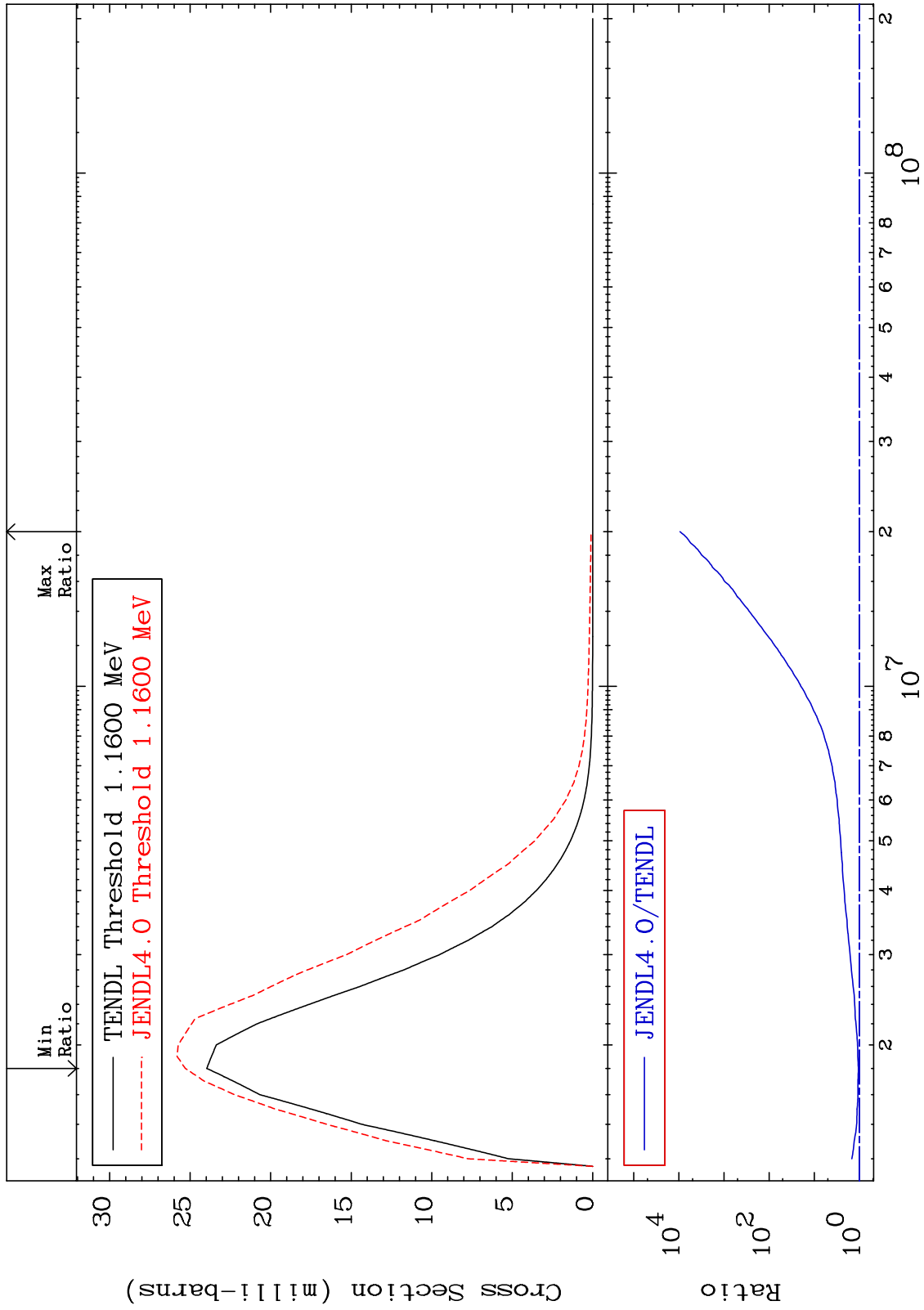
5.045 To 9999. %
30-Zn-67



MAT 3034 MT= 60 (n,n') Level
Cross Section 30-Zn-67
-47.85 To 347.7 %



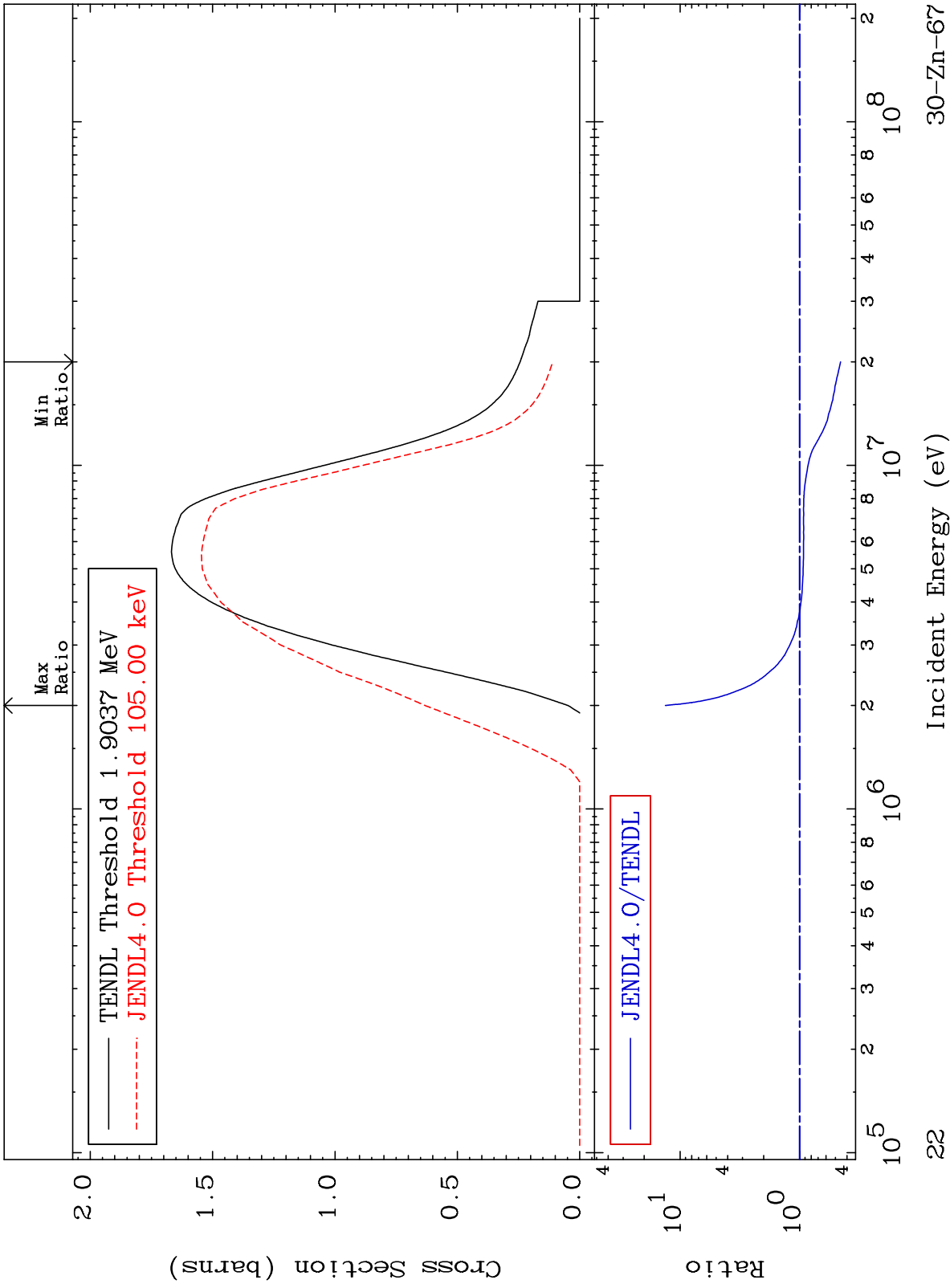
MAT 3034 MT= 61 (n, n') Level Cross Section 30-Zn-67
 5.585 To 9999. %



MAT 3034

(n, n') Continuum
Cross Section

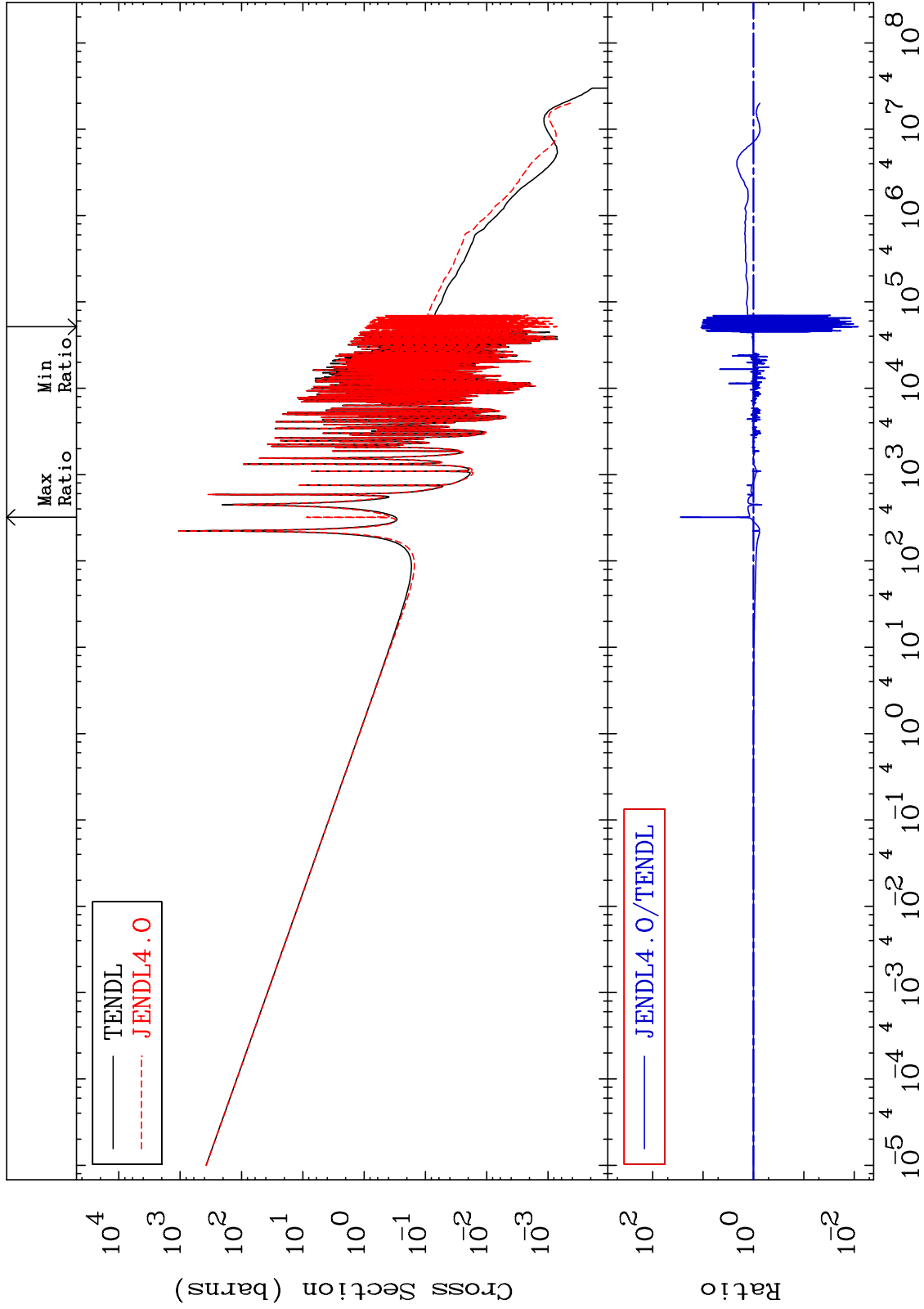
30-Zn-67
-54.70 To 1228. %



MAT 3034

(n, γ)
Cross Section

30-Zn-67
-99.18 To 2762. %



30-Zn-67

Incident Energy (eV)

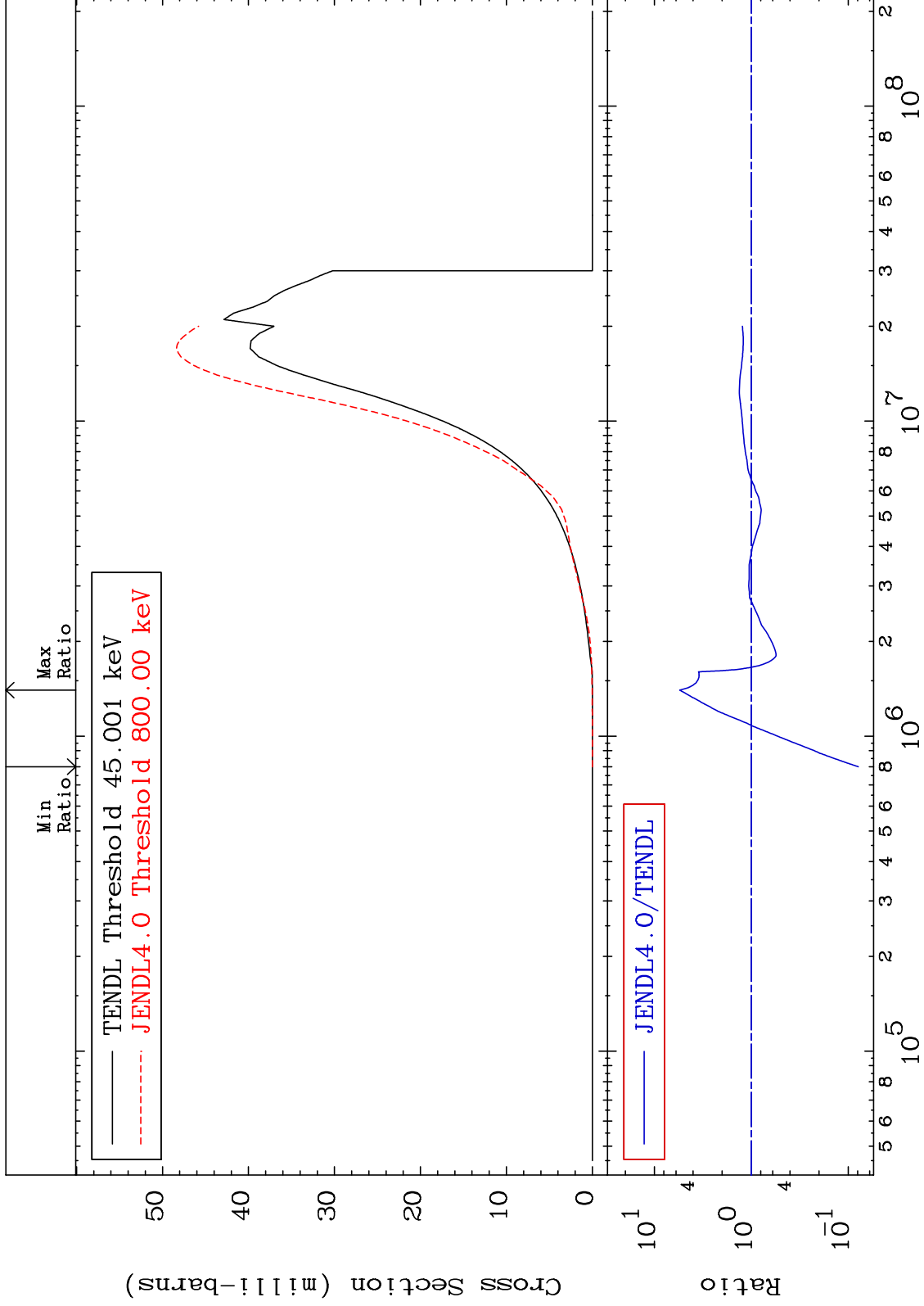
MAT 3034

(n, p)

30-Zn-67

Cross Section

-92.15 To 447.4 %



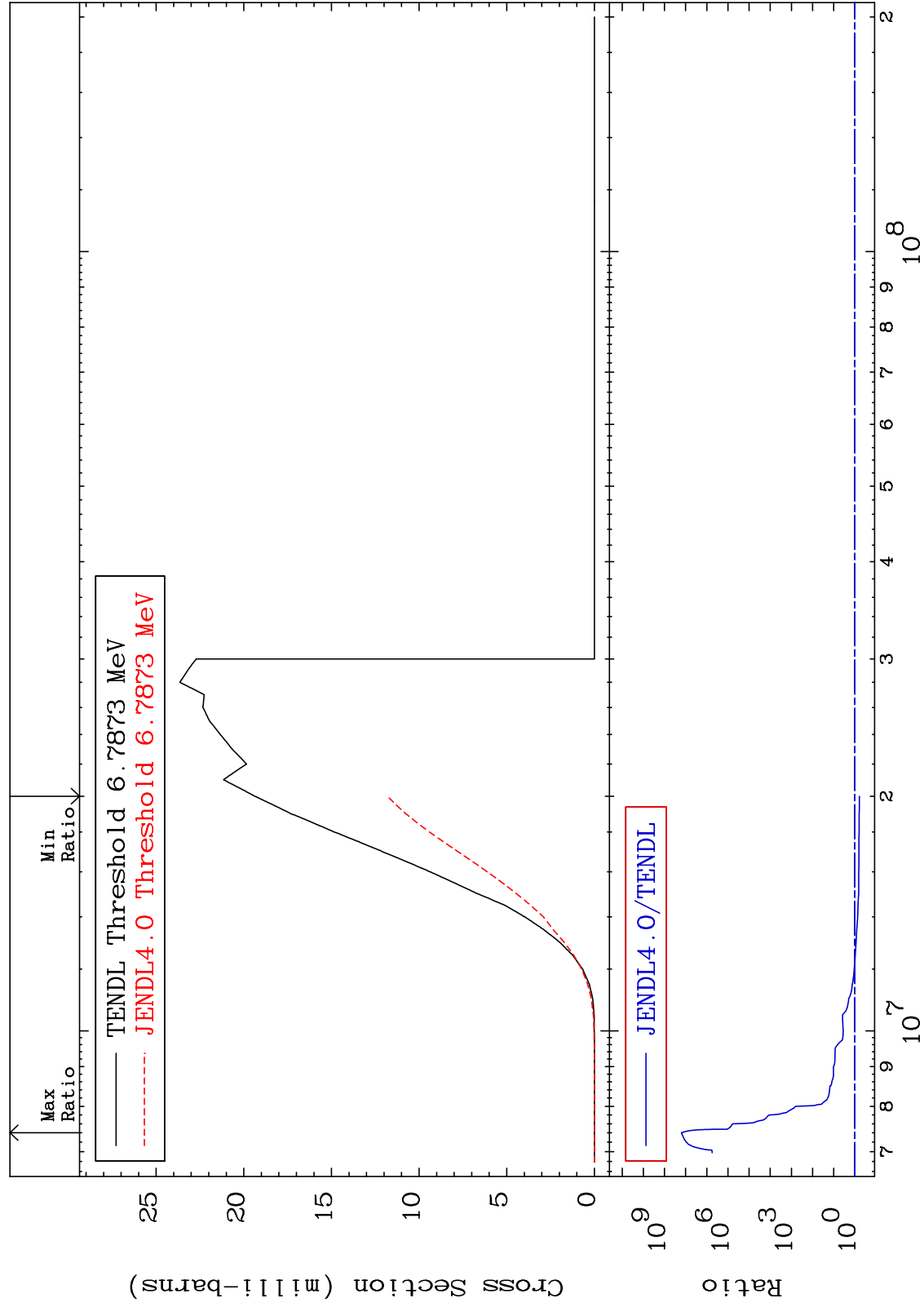
MAT 3034

(n,d)

30-Zn-67

Cross Section

-39.02 To 9999. %



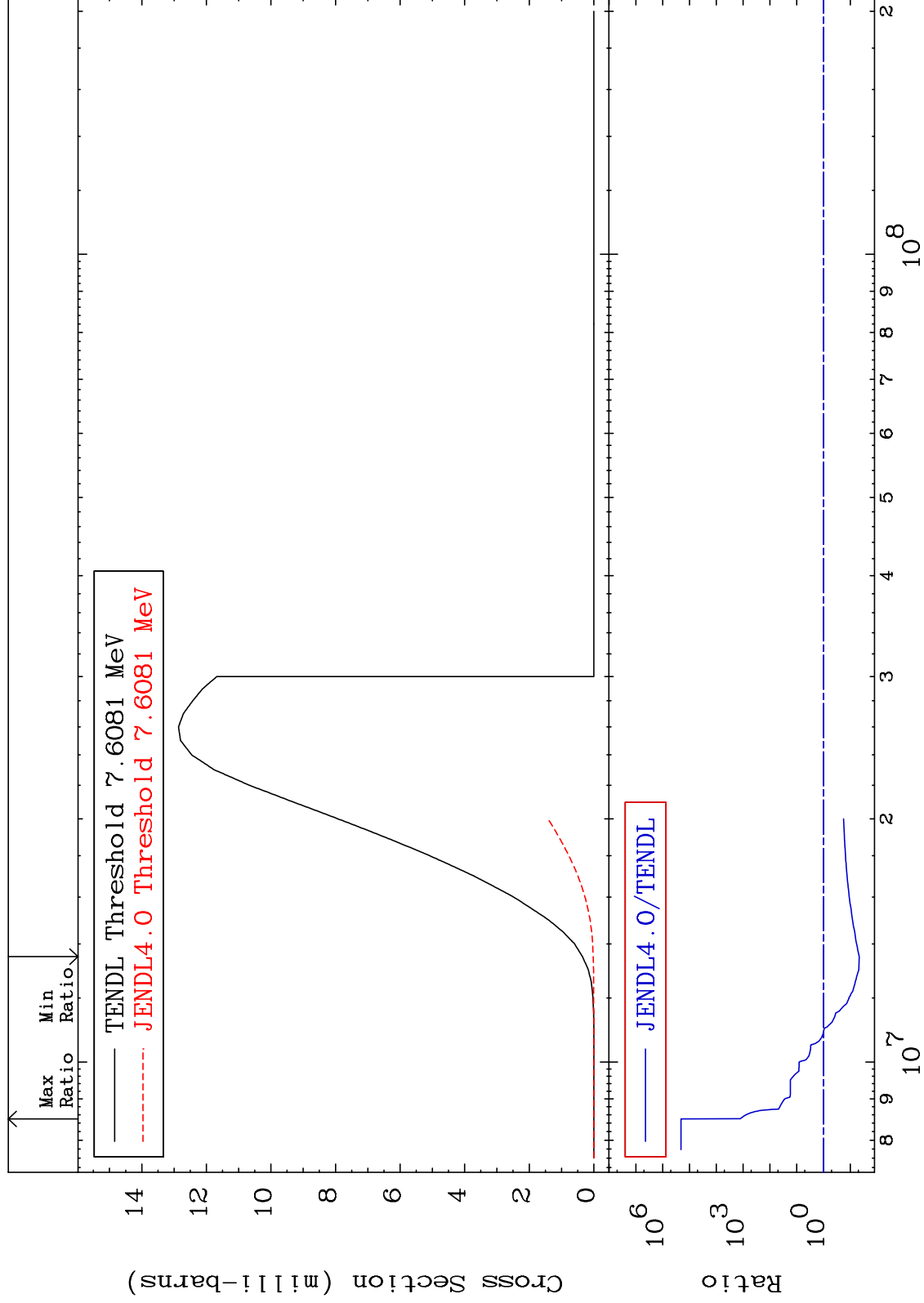
MAT 3034

(n, t)

30-Zn-67

Cross Section

-95.36 To 9999. %



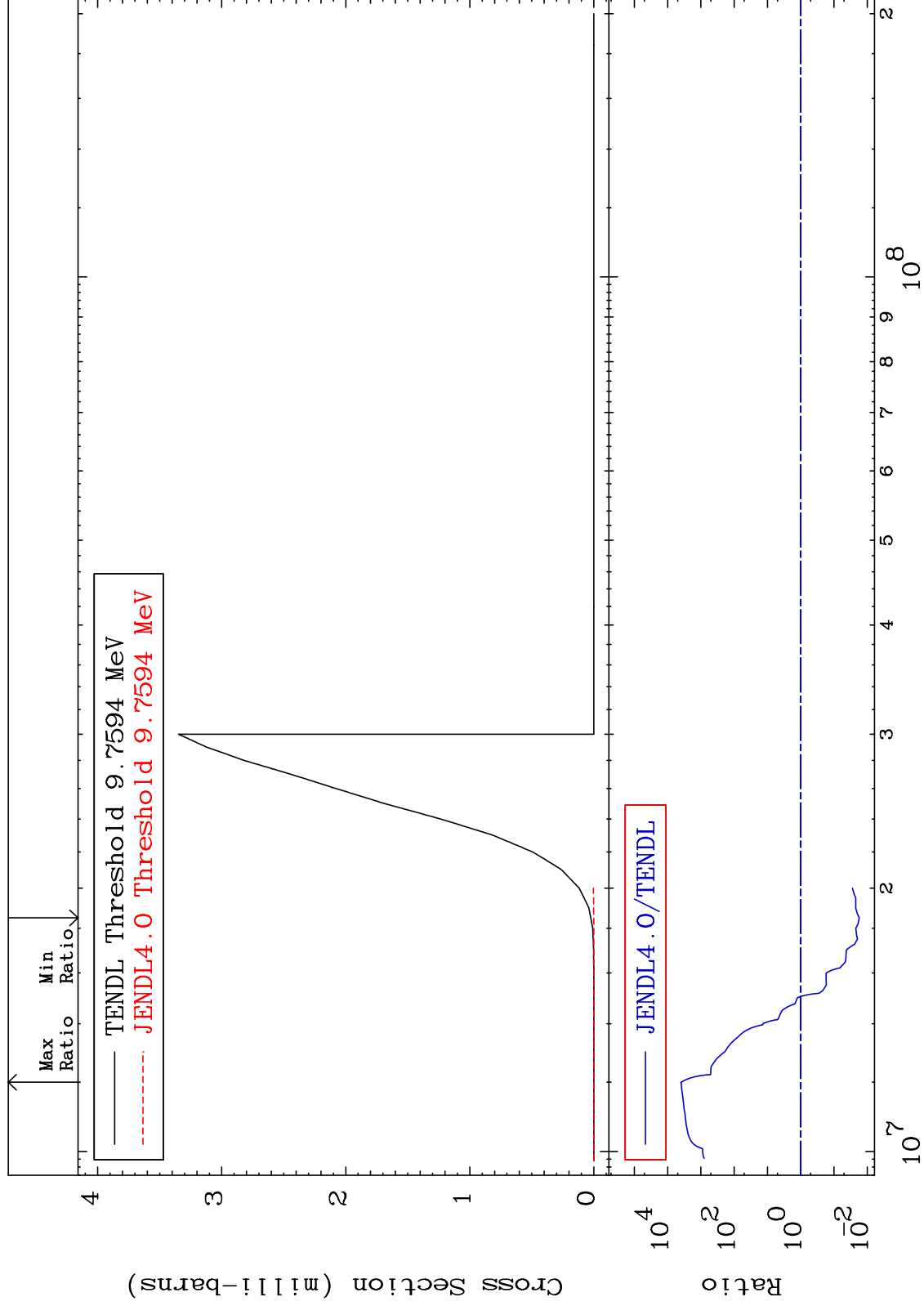
MAT 3034

(n, He-3)

30-Zn-67

Cross Section

-98.26 To 9999. %



27

Incident Energy (eV)

30-Zn-67

MAT 3034

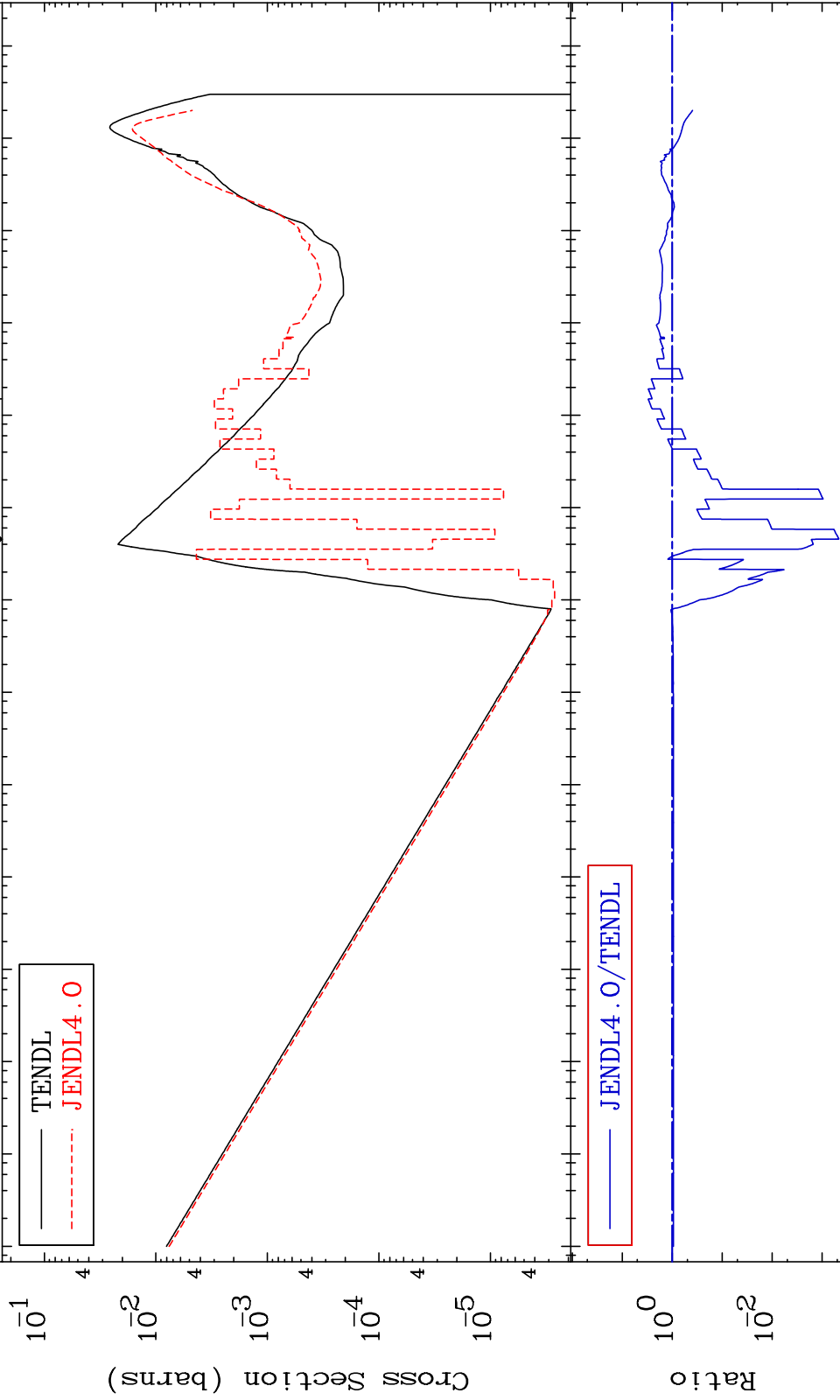
30-Zn-67

(n, α)
Cross Section

Min Ratio

Max Ratio

-99.95 To 205.2 %



Incident Energy (eV)

30-Zn-67

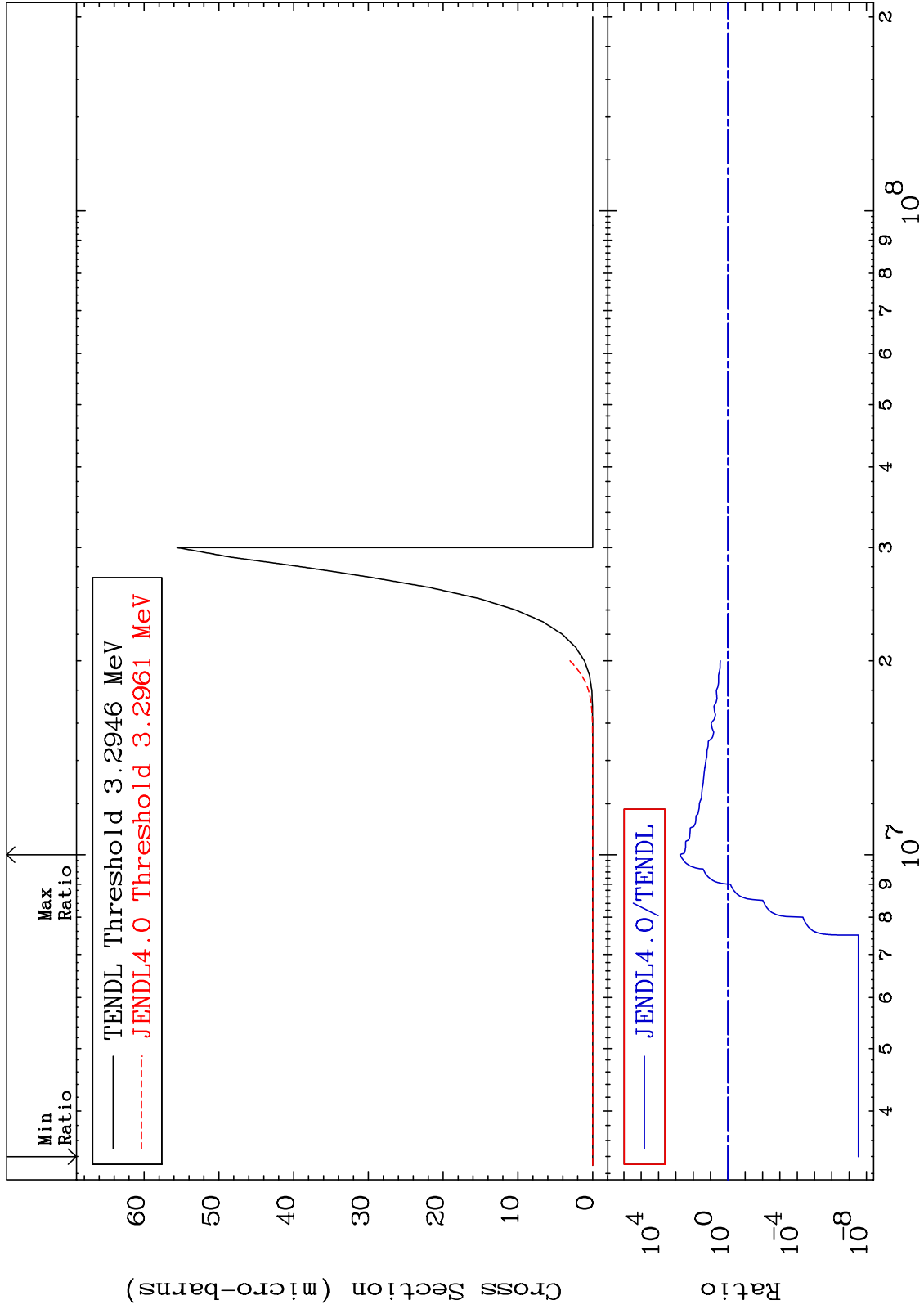
MAT 3034

(n, 2α)

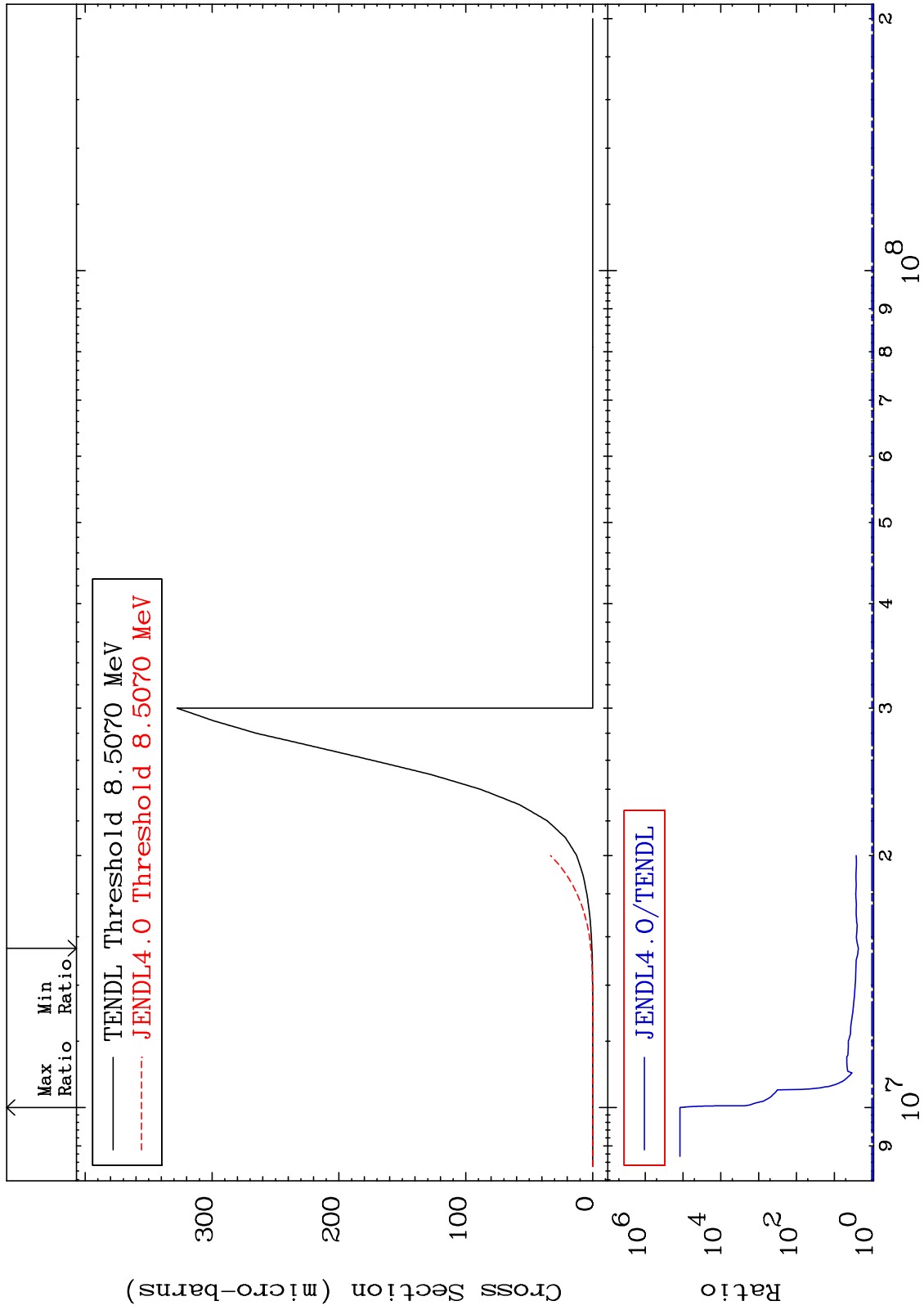
30-Zn-67

Cross Section

-100.0 To 9999. %



MAT 3034 (n,2p) Cross Section 30-Zn-67 To 9999. %
130.0



30 Incident Energy (eV) 30-Zn-67

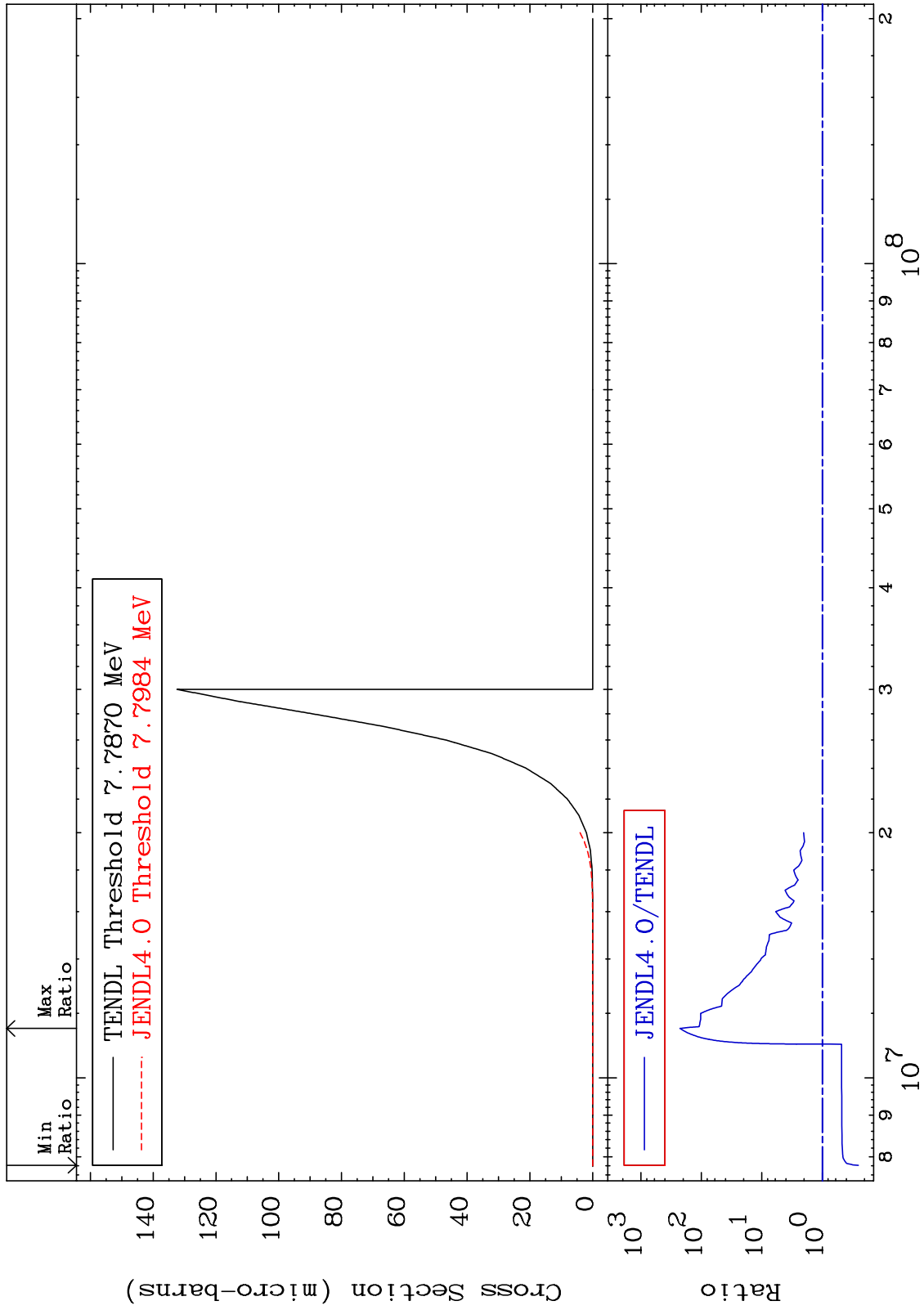
MAT 3034

(n,p) α

30-Zn-67

Cross Section

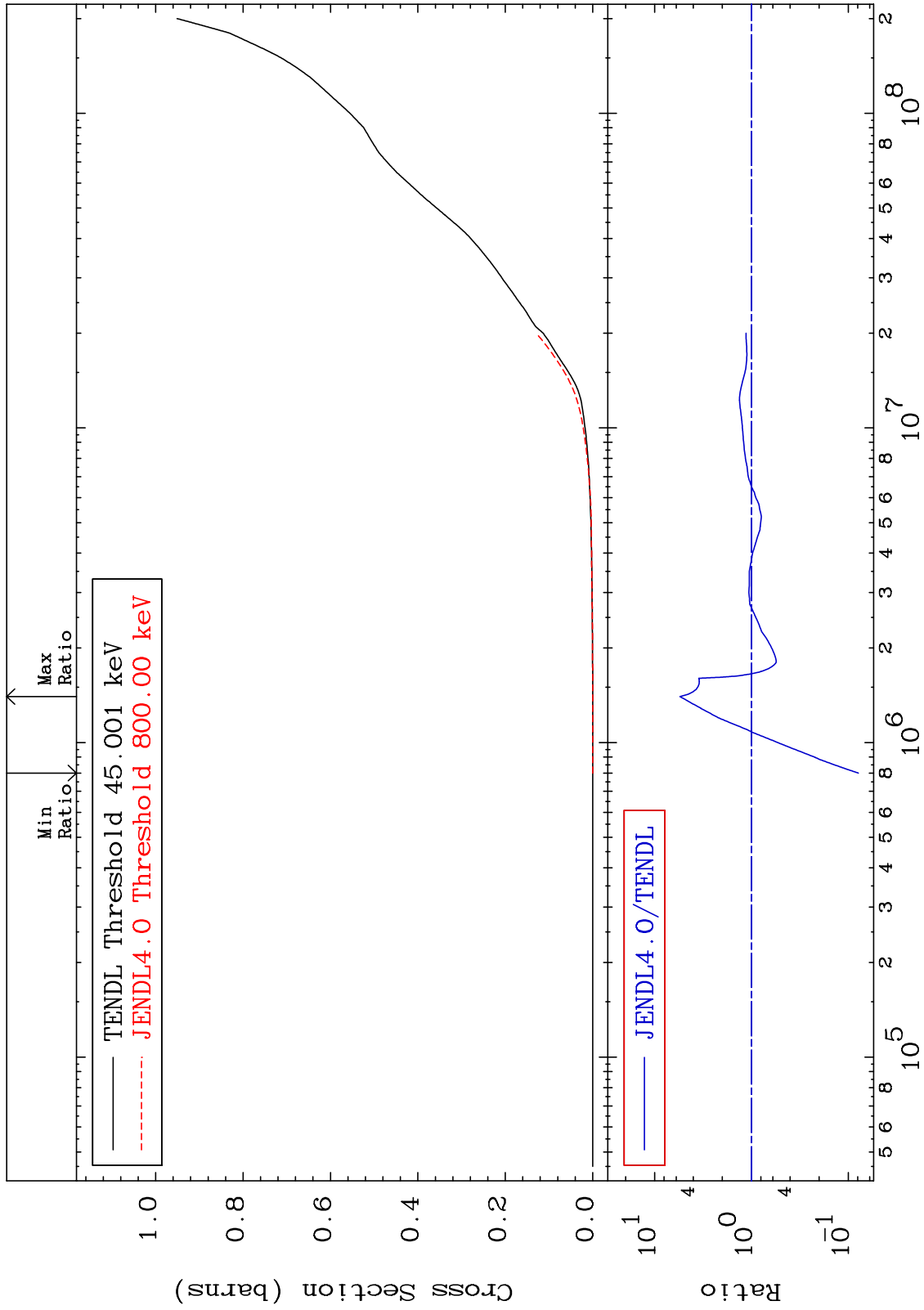
-74.76 To 9999. %



MAT 3034

Hydrogen Production
Cross Section

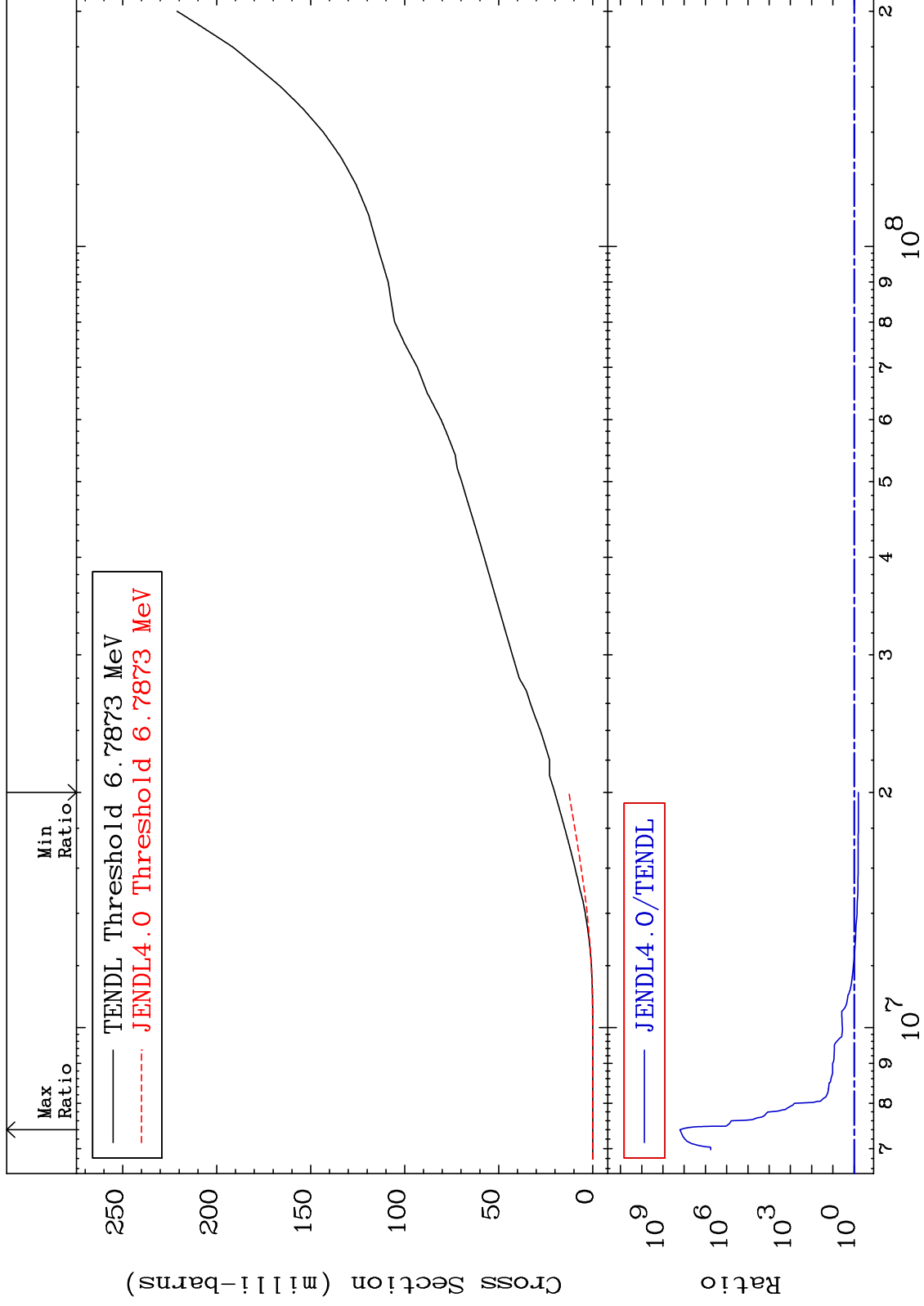
30-Zn-67
-92.15 To 447.4 %



MAT 3034

Deuterium Production
Cross Section

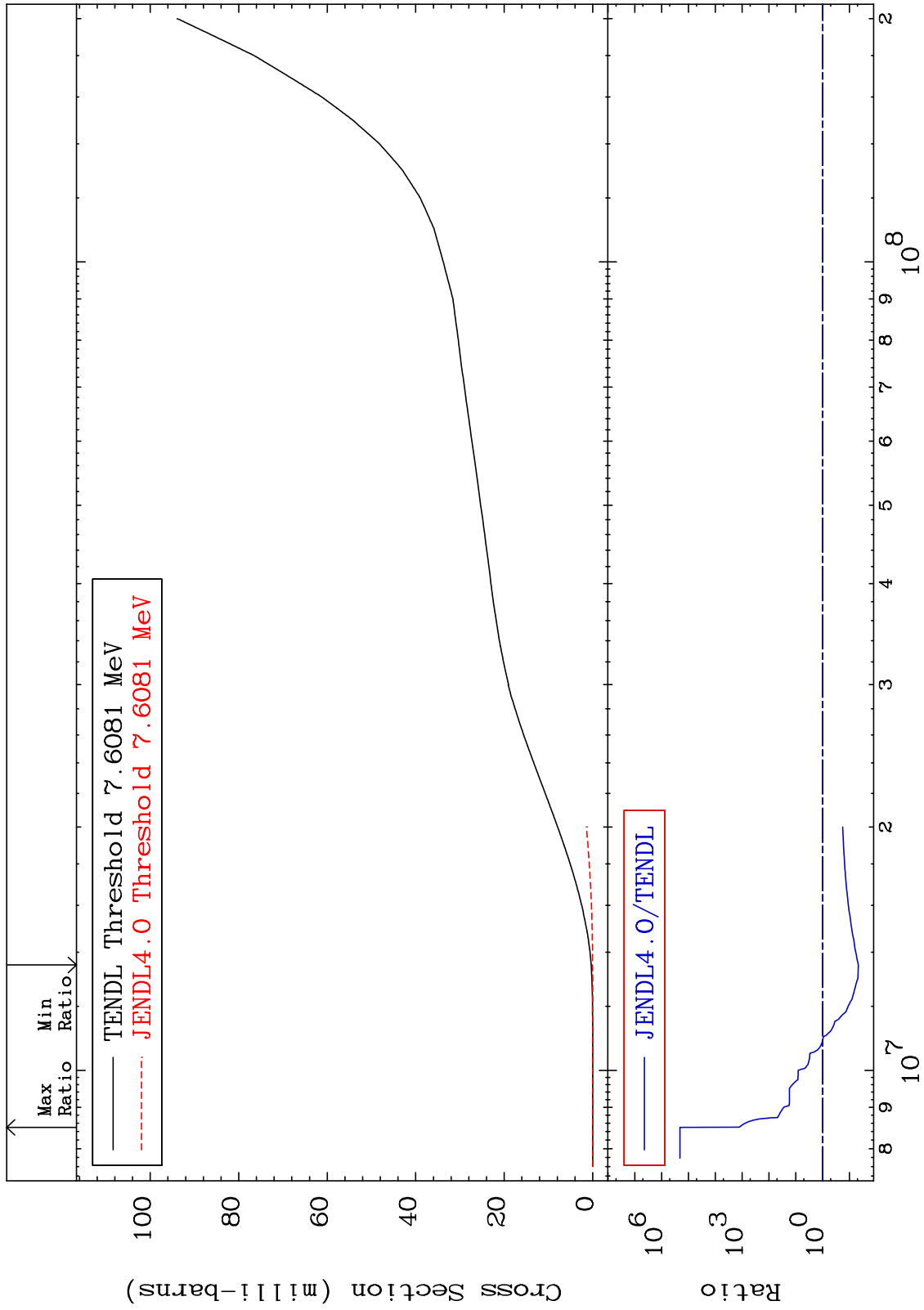
30-Zn-67
-37.07 To 9999. %



MAT 3034

Tritium Production
Cross Section

30-Zn-67
-95.36 To 9999. %



34

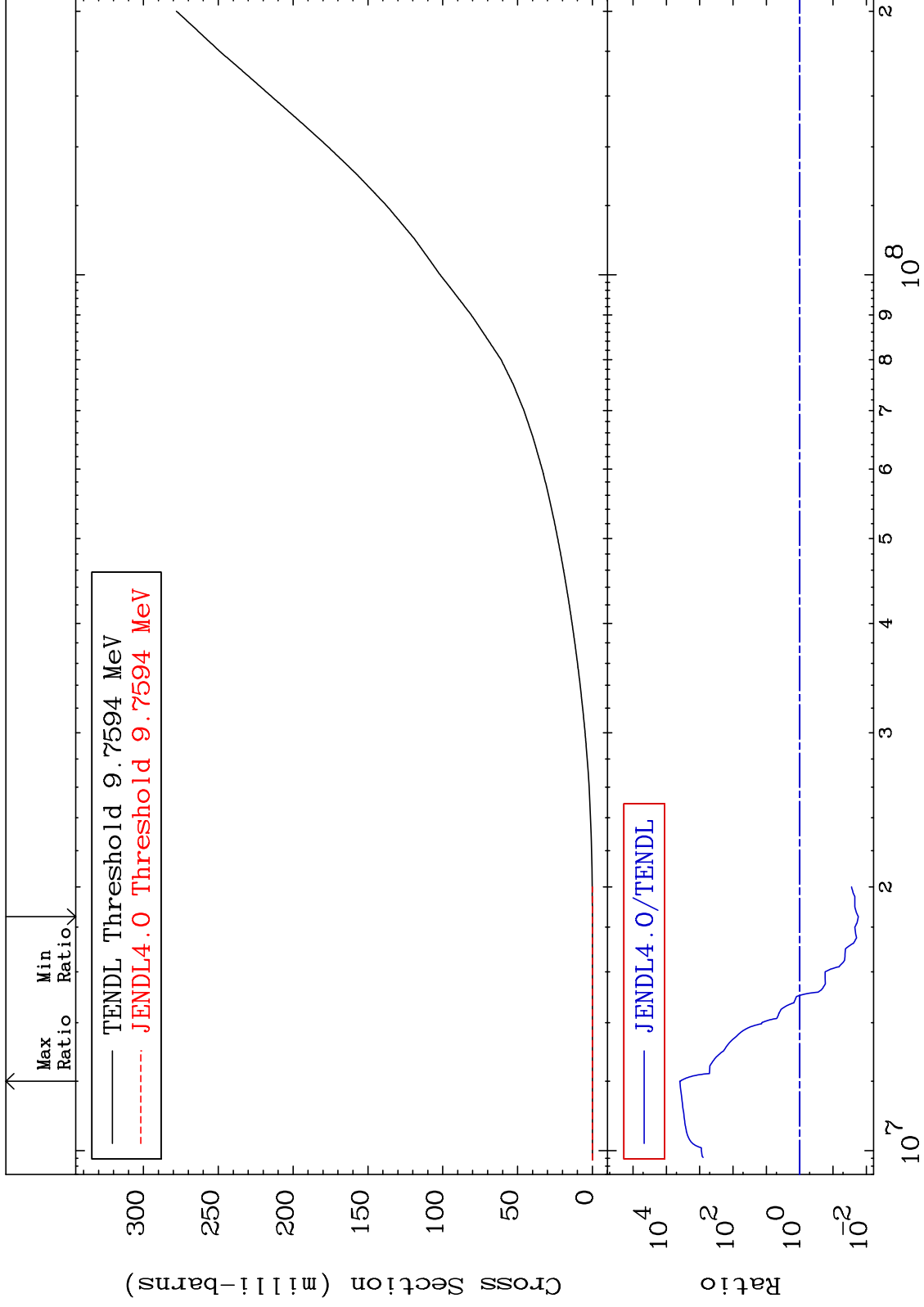
Incident Energy (eV)

30-Zn-67

MAT 3034

He-3 Production
Cross Section

30-Zn-67
-98.26 To 9999. %



35

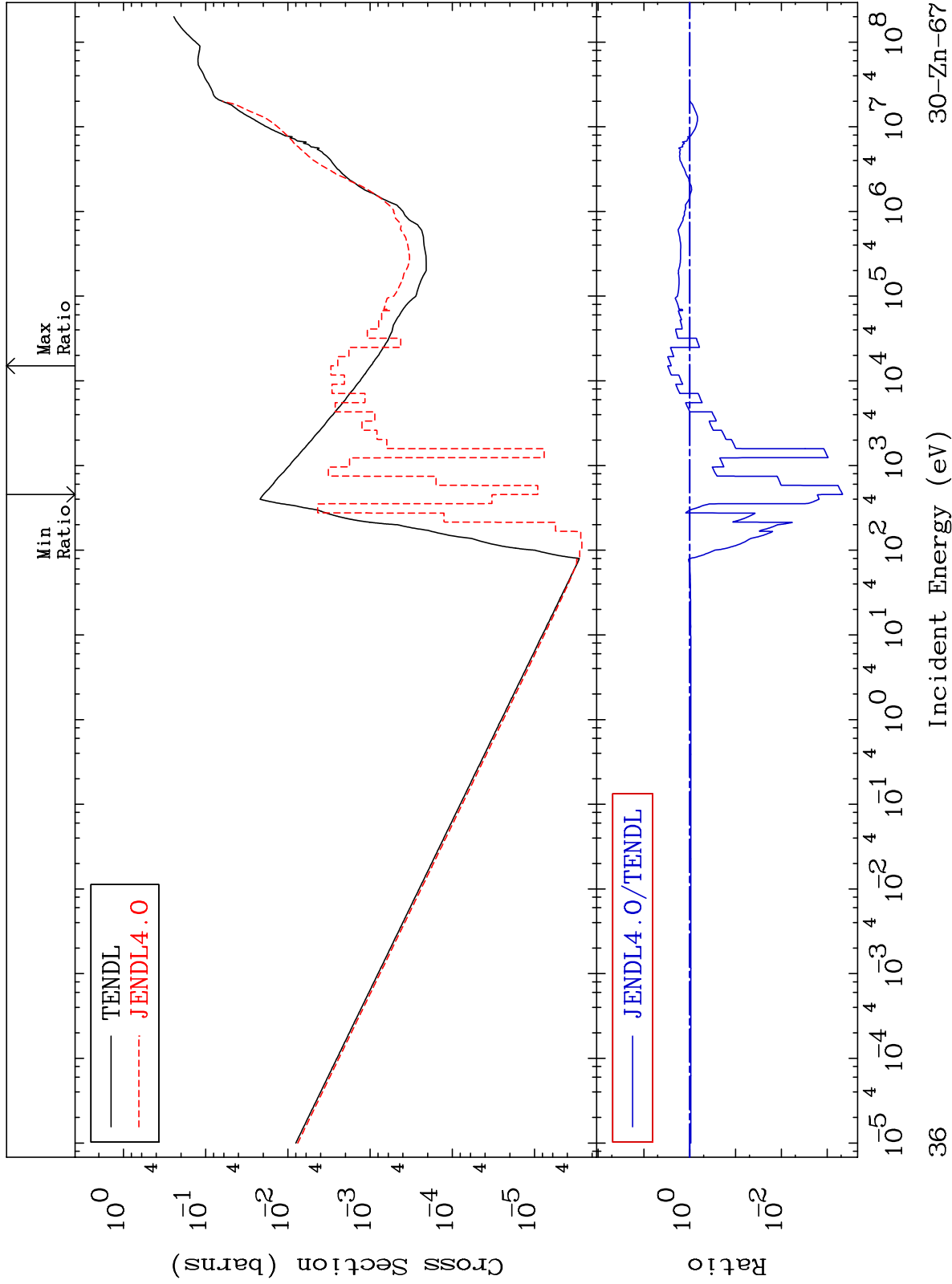
Incident Energy (eV)

30-Zn-67

MAT 3034

He-4 Production
Cross Section

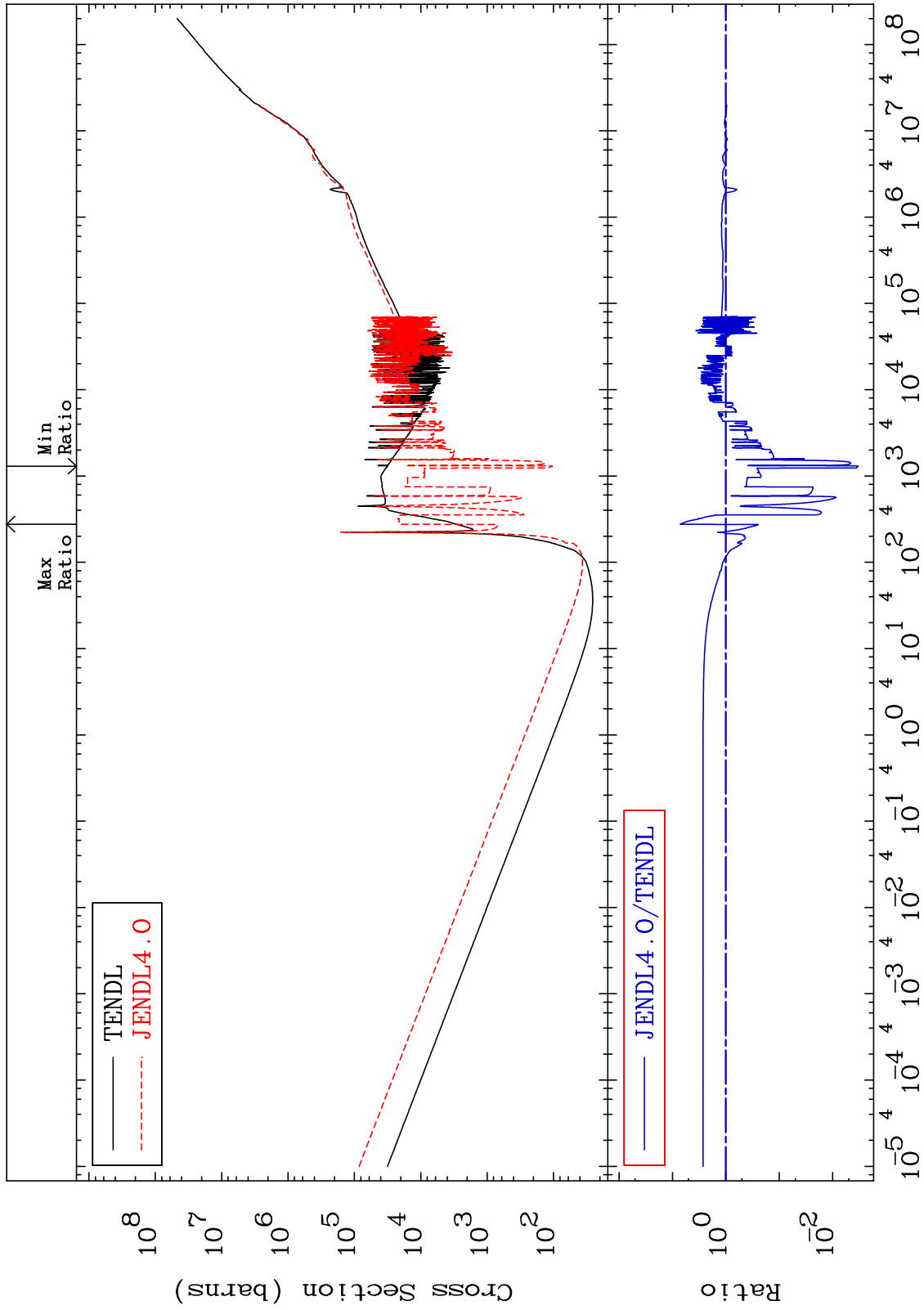
30-Zn-67
-99.95 To 205.2 %



MAT 3034

Kerma total (eV-barns)
Cross Section

30-Zn-67
-99.67 To 621.3 %



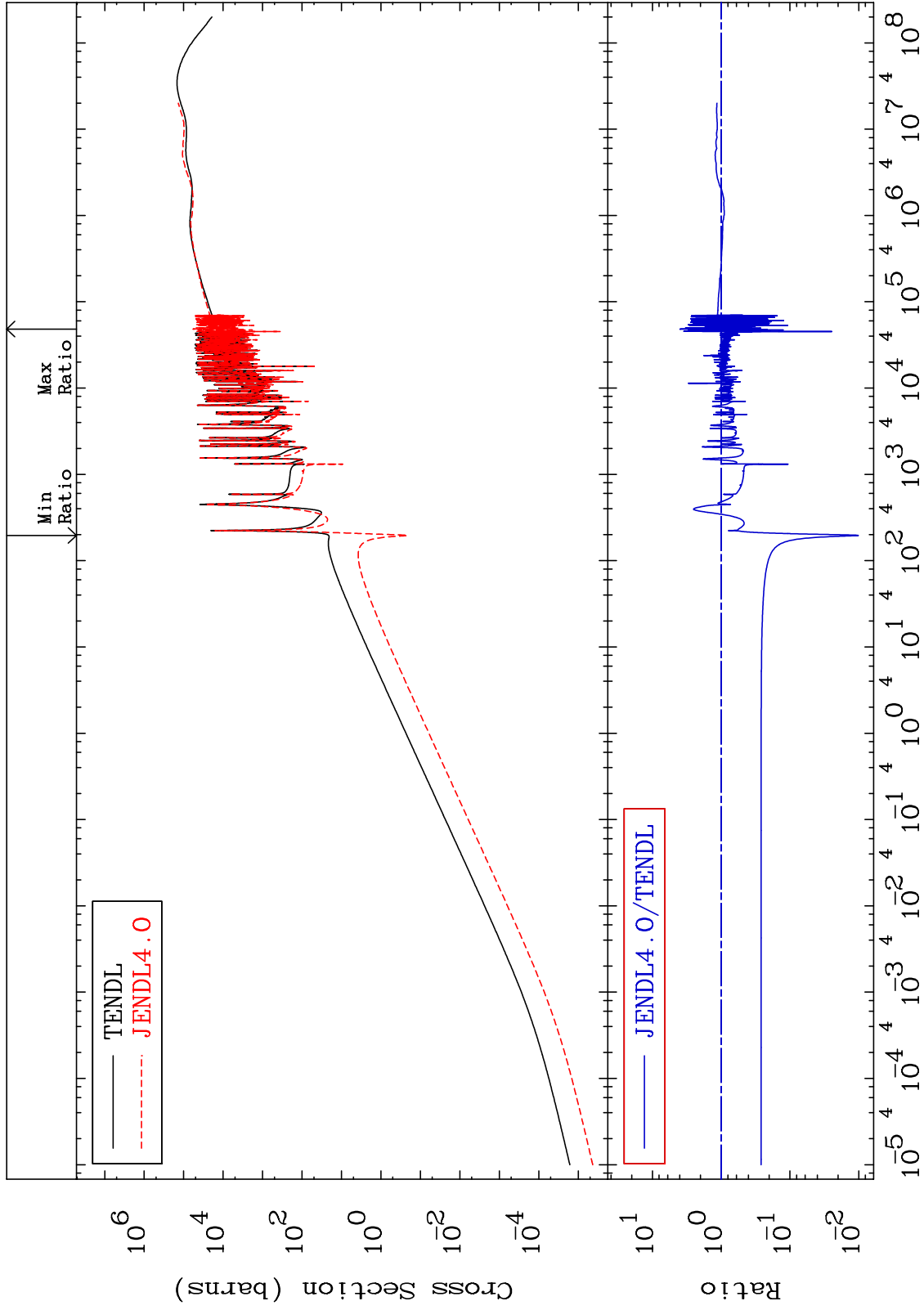
37

30-Zn-67

MAT 3034

Kerma elastic
Cross Section

30-Zn-67
-98.99 To 296.6 %



38

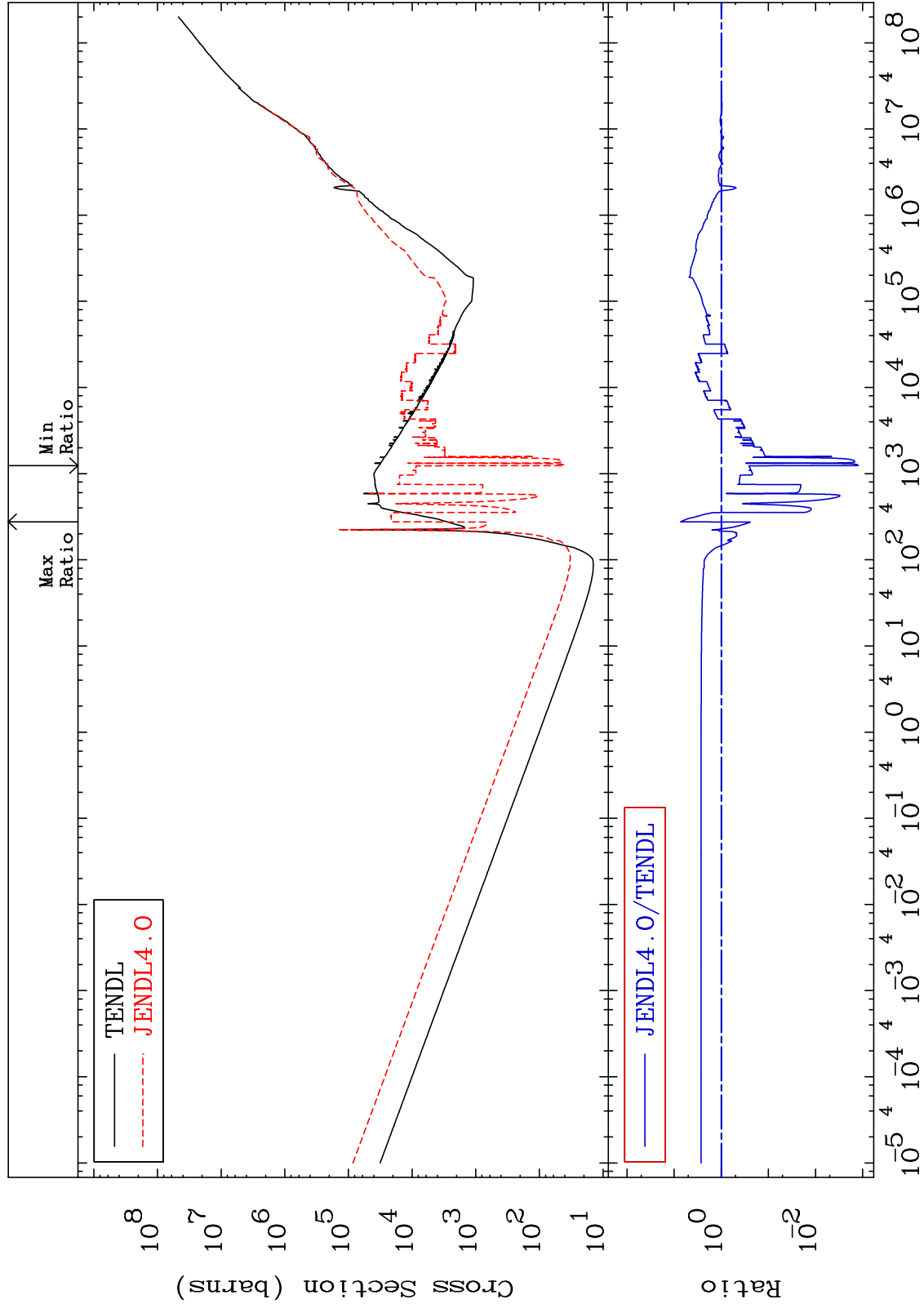
Incident Energy (eV)

30-Zn-67

MAT 3034

Kerma non-elastic (all but mt2)
Cross Section

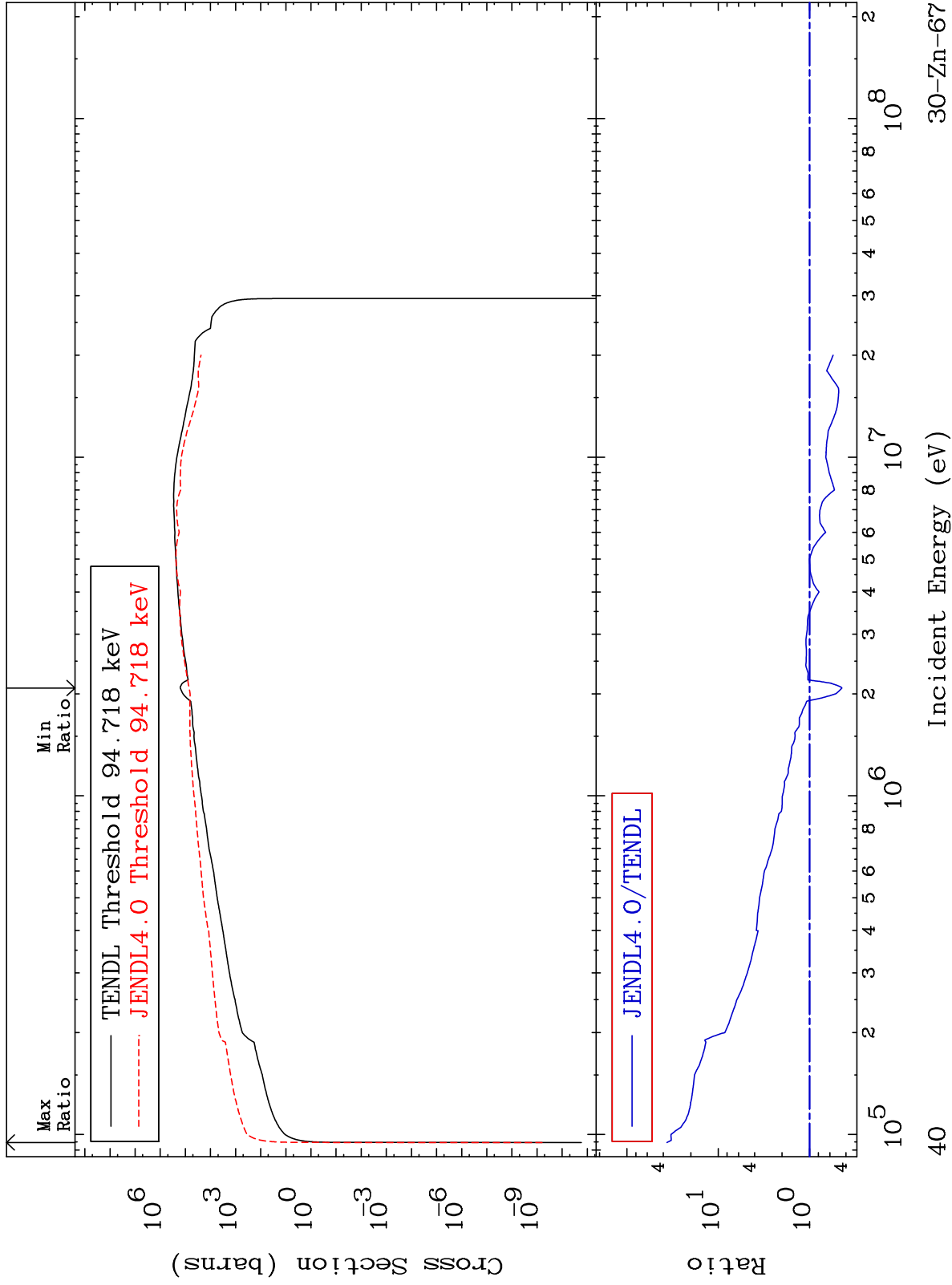
30-Zn-67
-99.88 To 633.8 %



MAT 3034

Kerma inelastic (mt51-91)
Cross Section

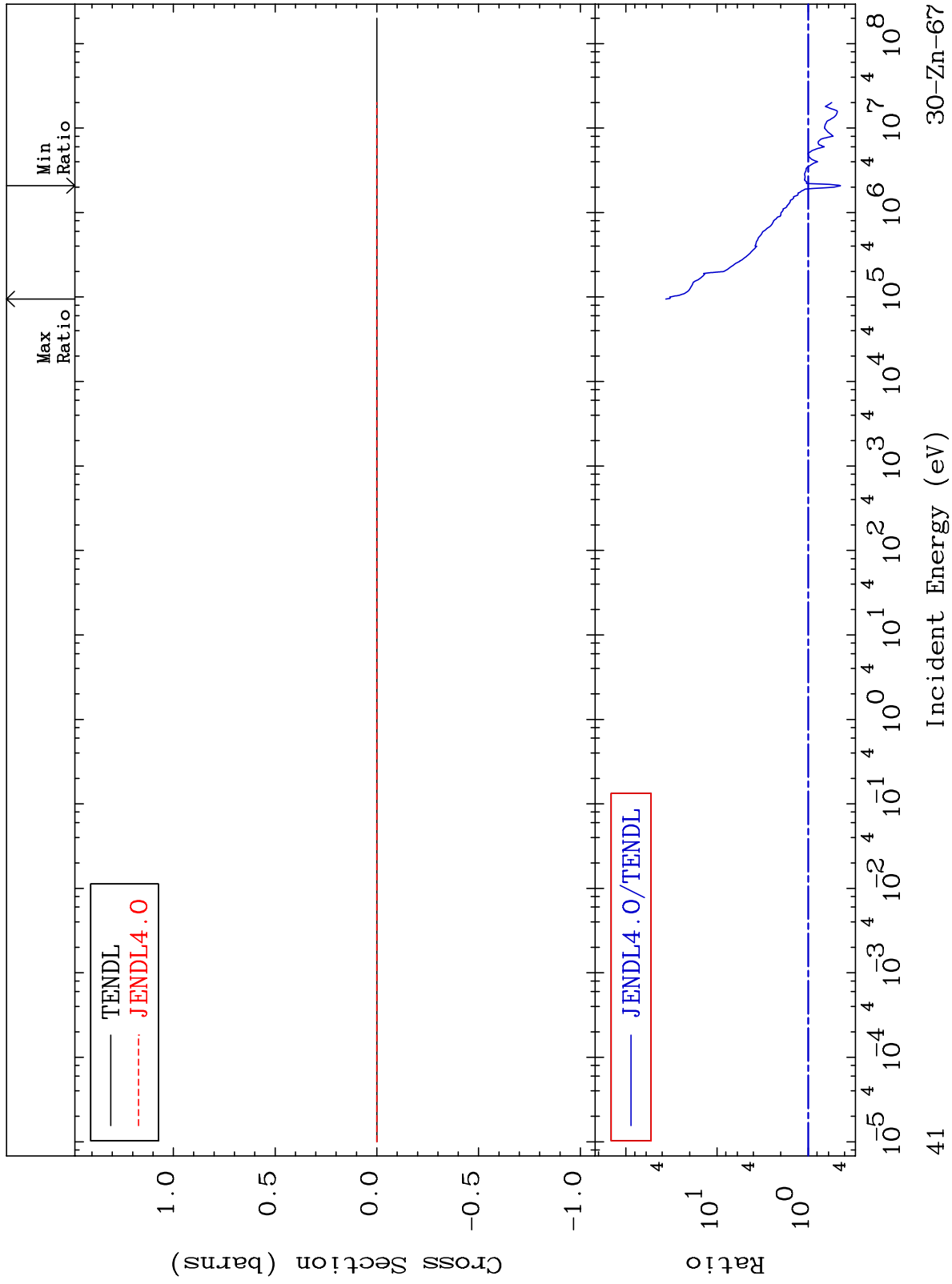
30-Zn-67
-55.78 To 3546. %



MAT 3034

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

30-Zn-67
-55.78 To 3546. %



41

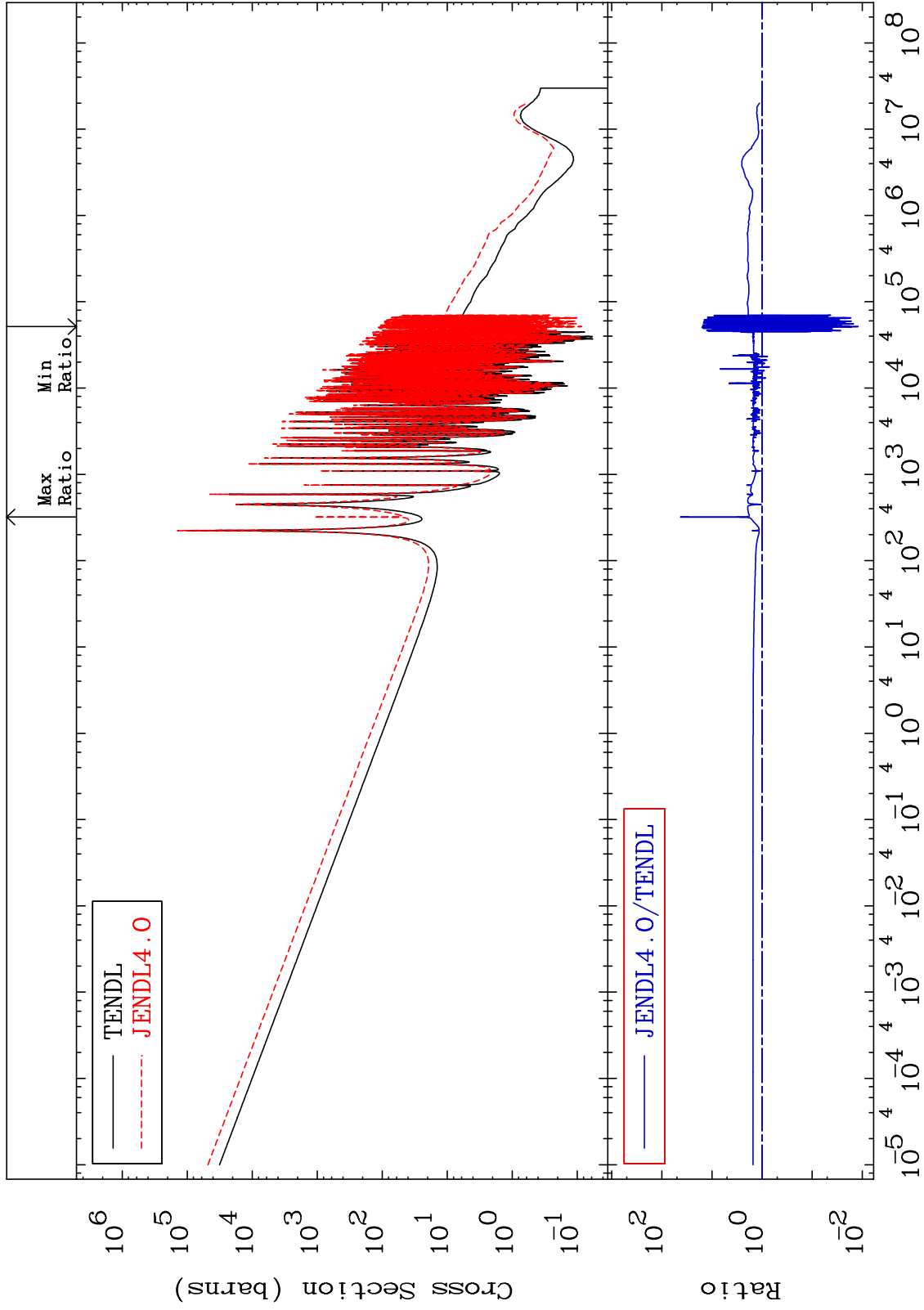
Incident Energy (eV)

30-Zn-67

MAT 3034

Kerma capture (mt102)
Cross Section

30-Zn-67
-98.80 To 4231. %



42

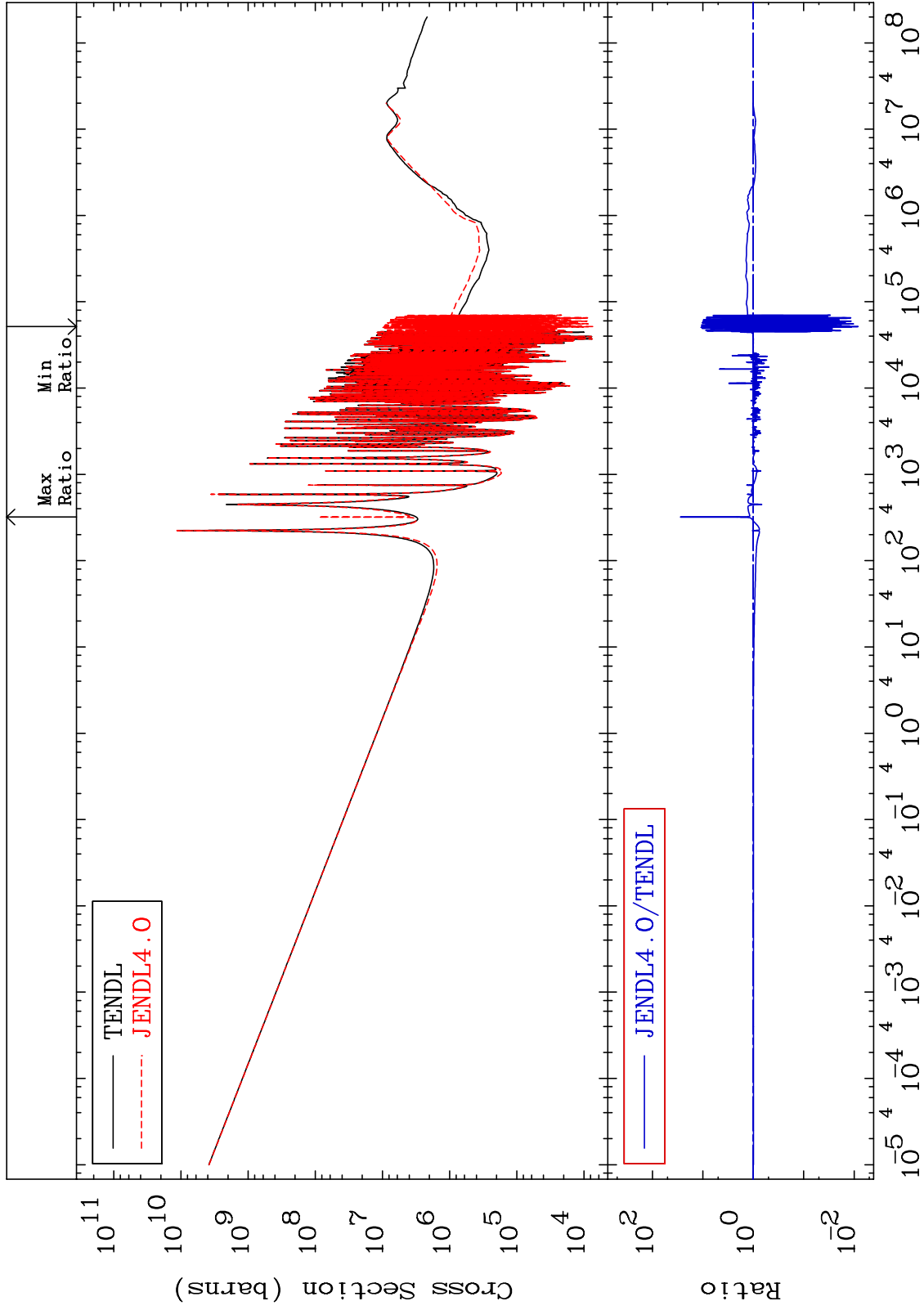
Incident Energy (eV)

30-Zn-67

MAT 3034

Total photon (eV-barns)
Cross Section

30-Zn-67
-99.18 To 2736. %



43

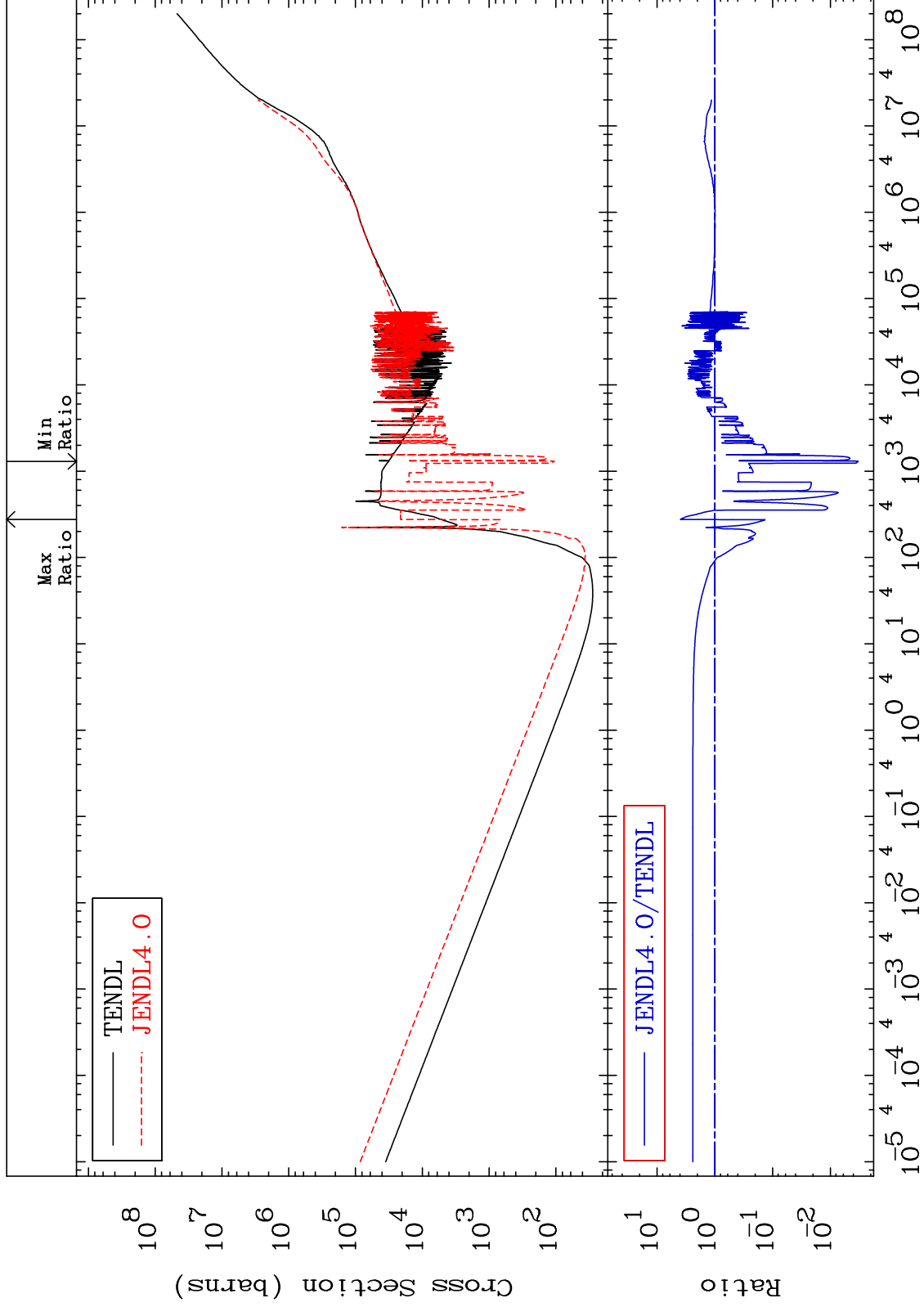
Incident Energy (eV)

30-Zn-67

MAT 3034

Total kinematic kerma (high limit)
Cross Section

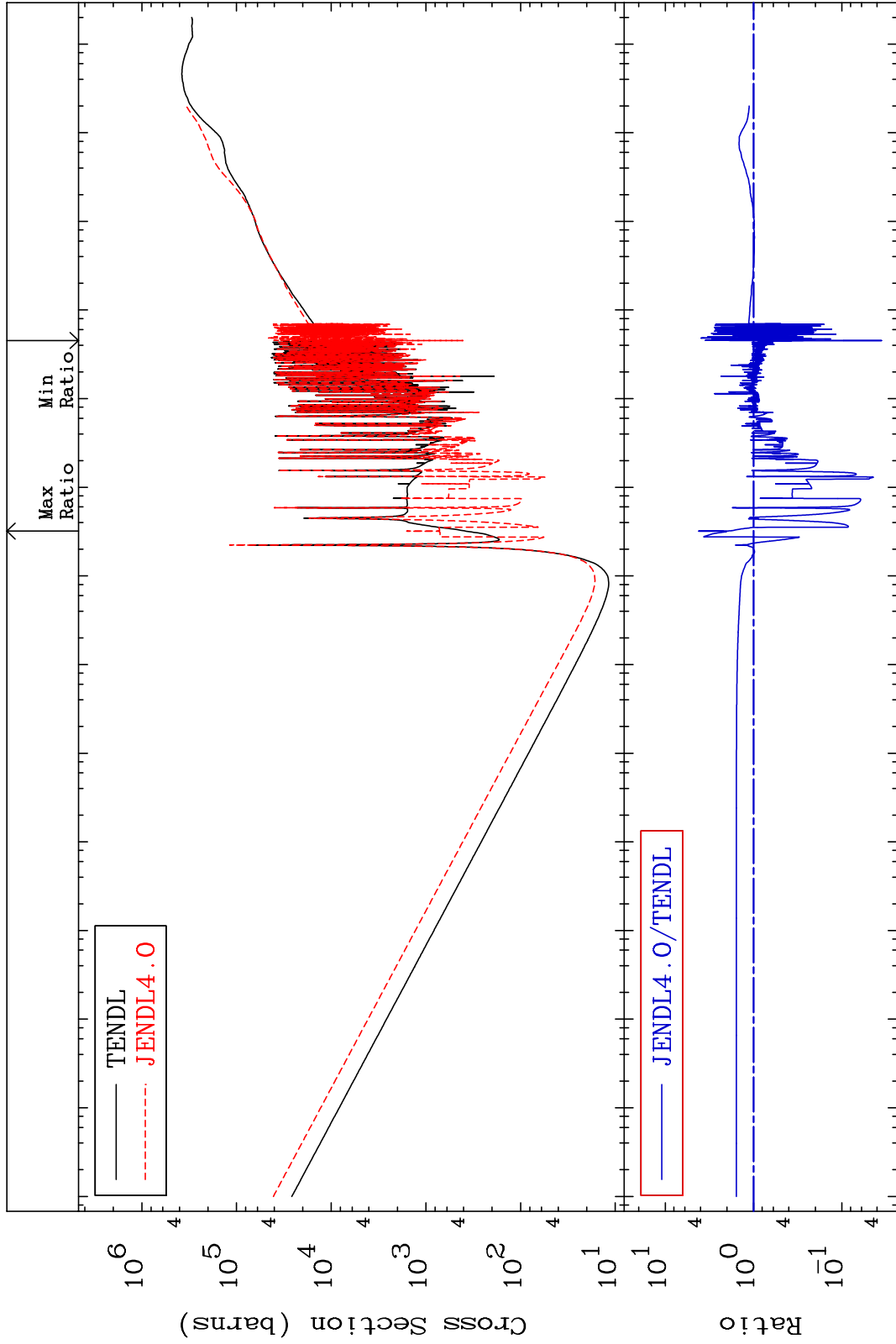
30-Zn-67
-99.67 To 300.1 %



MAT 3034

Dpa total (eV-barns)
Cross Section

30-Zn-67
-96.44 To 322.2 %



45

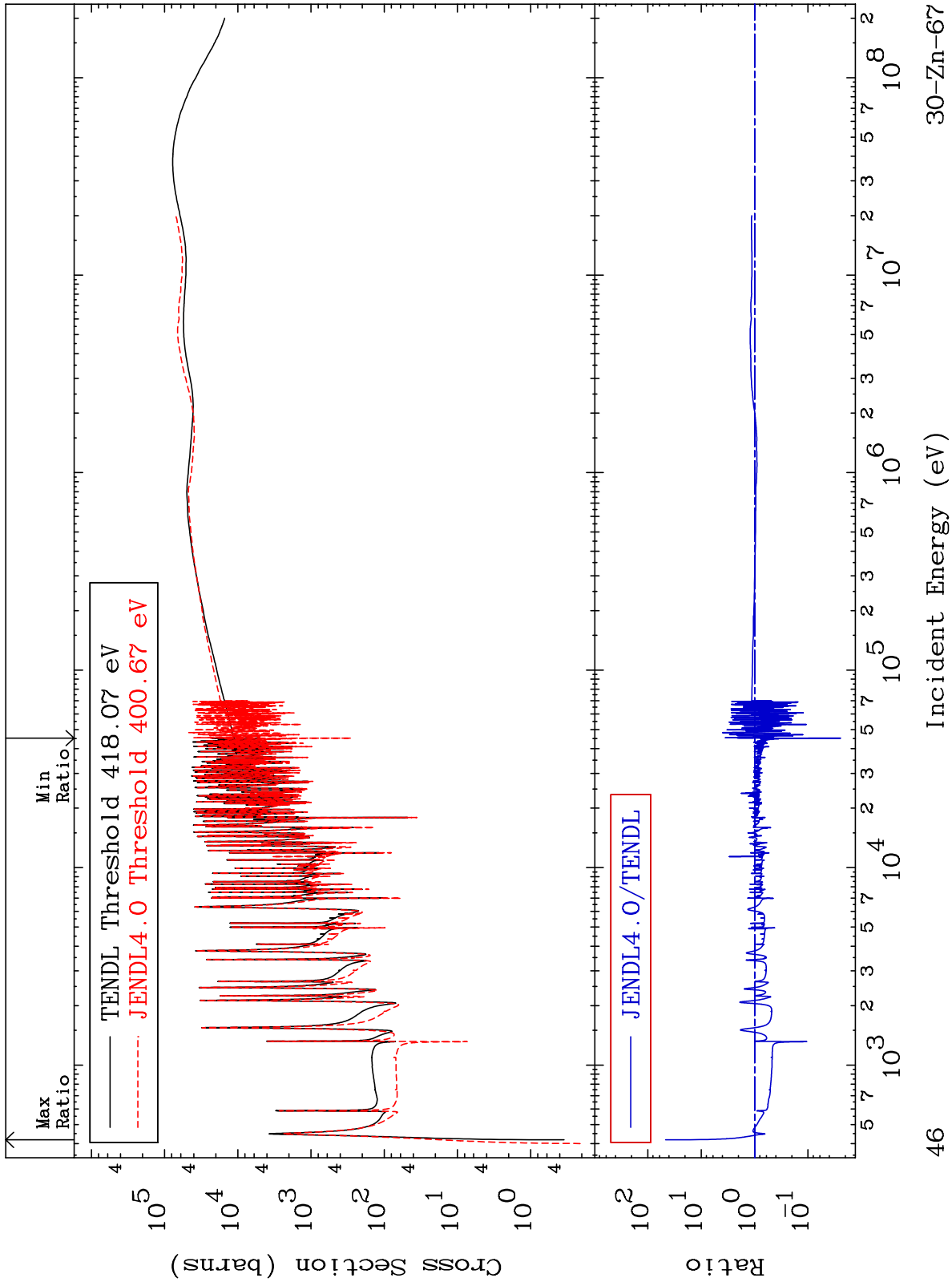
Incident Energy (eV)

30-Zn-67

MAT 3034

Dpa elastic (mt2)
Cross Section

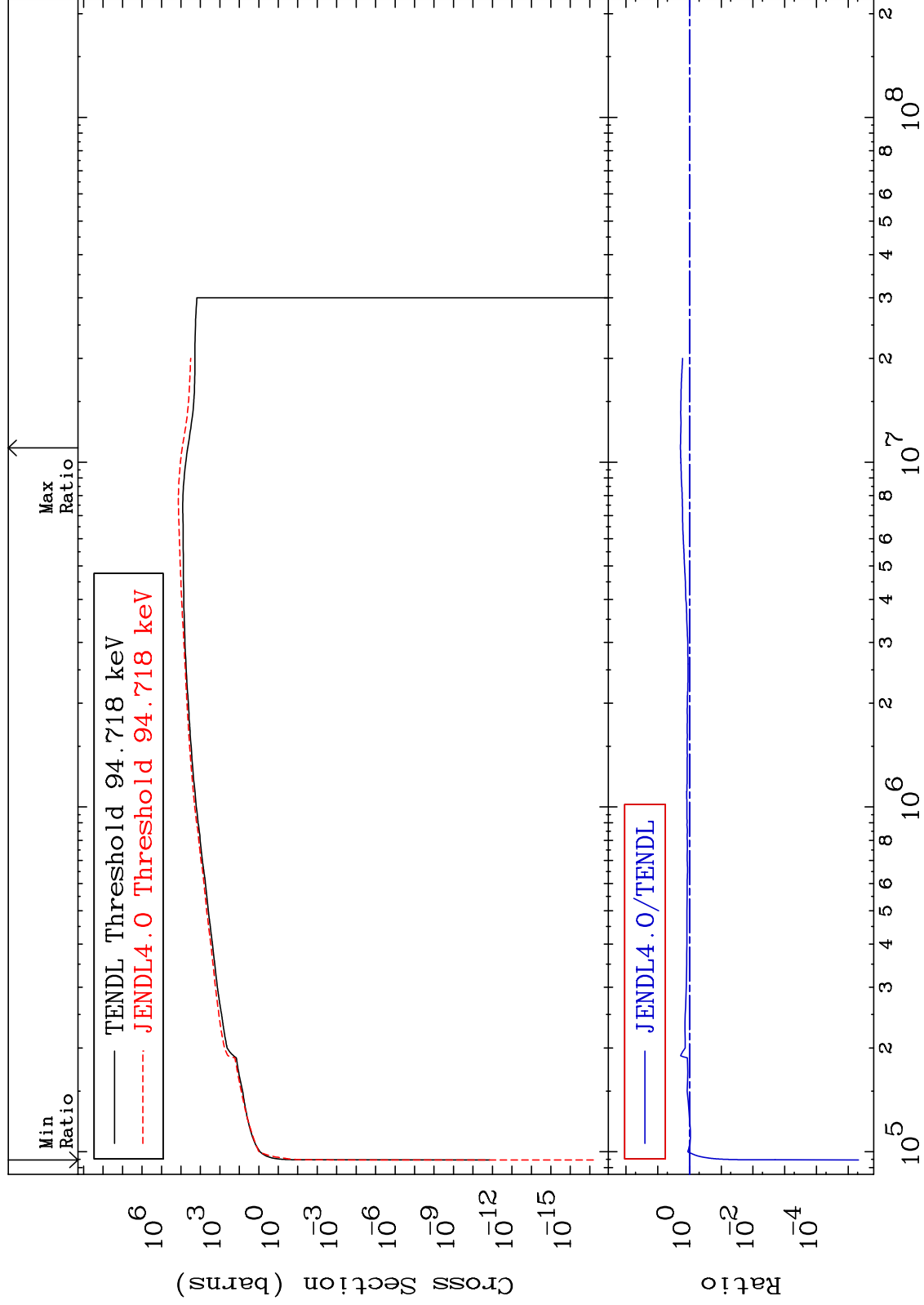
30-Zn-67
-97.53 To 4527. %



MAT 3034

Dpa inelastic (mt51-91)
Cross Section

30-Zn-67
-100.0 To 92.74 %



47

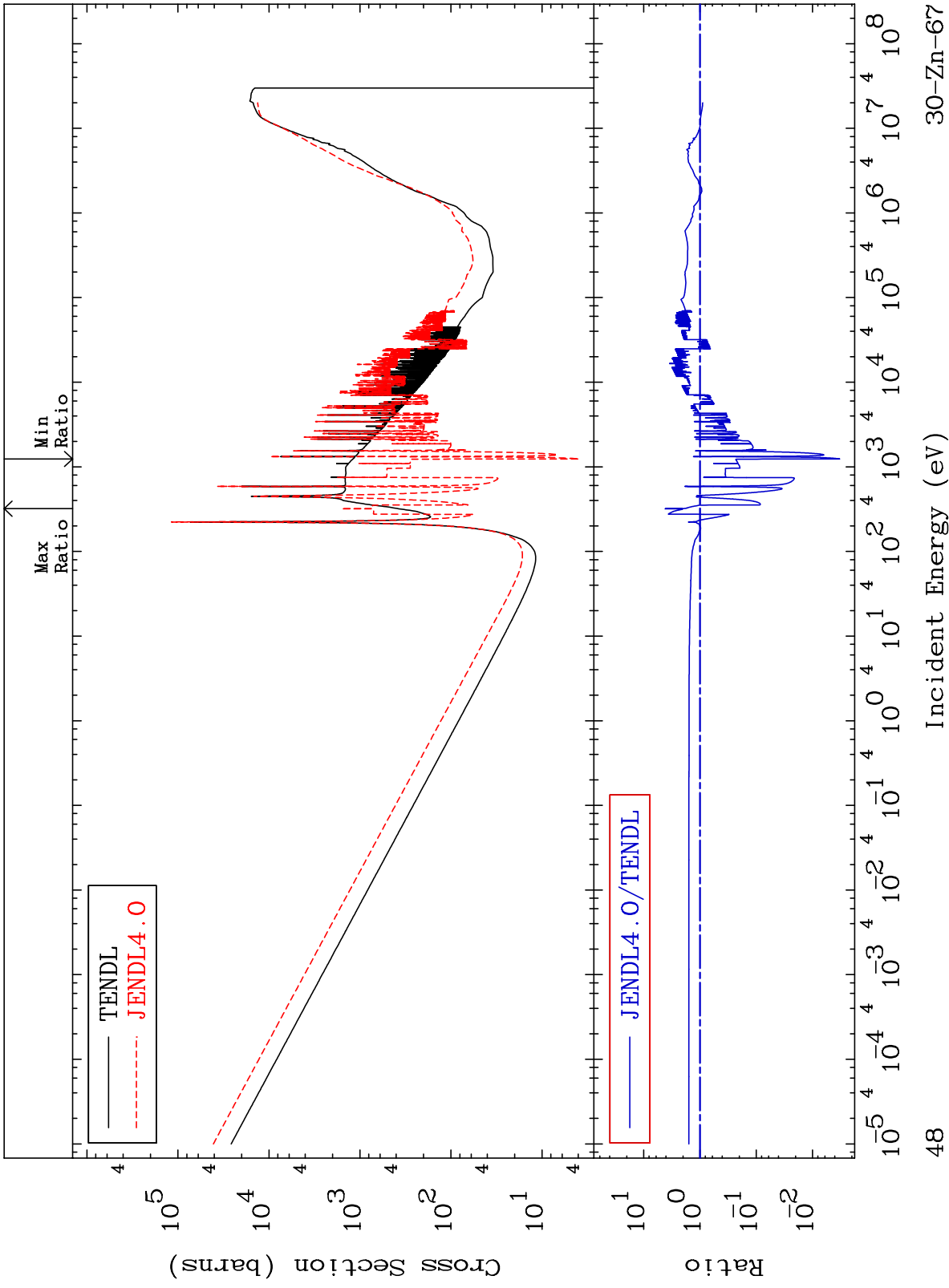
Incident Energy (eV)

30-Zn-67

MAT 3034

Dpa disappearance (mt102 -120)
Cross Section

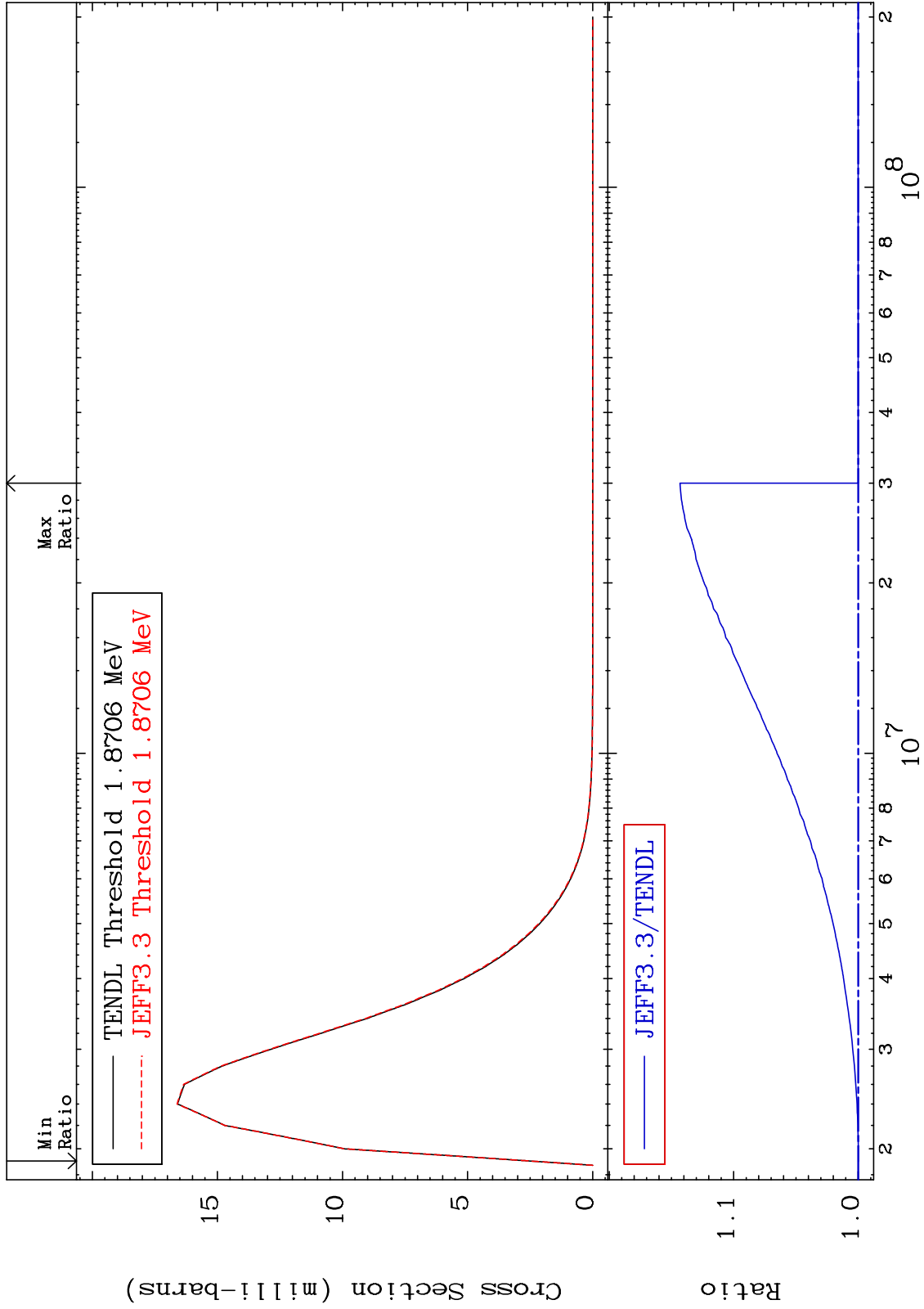
30-Zn-67
-99.67 To 322.2 %



MAT 3034

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

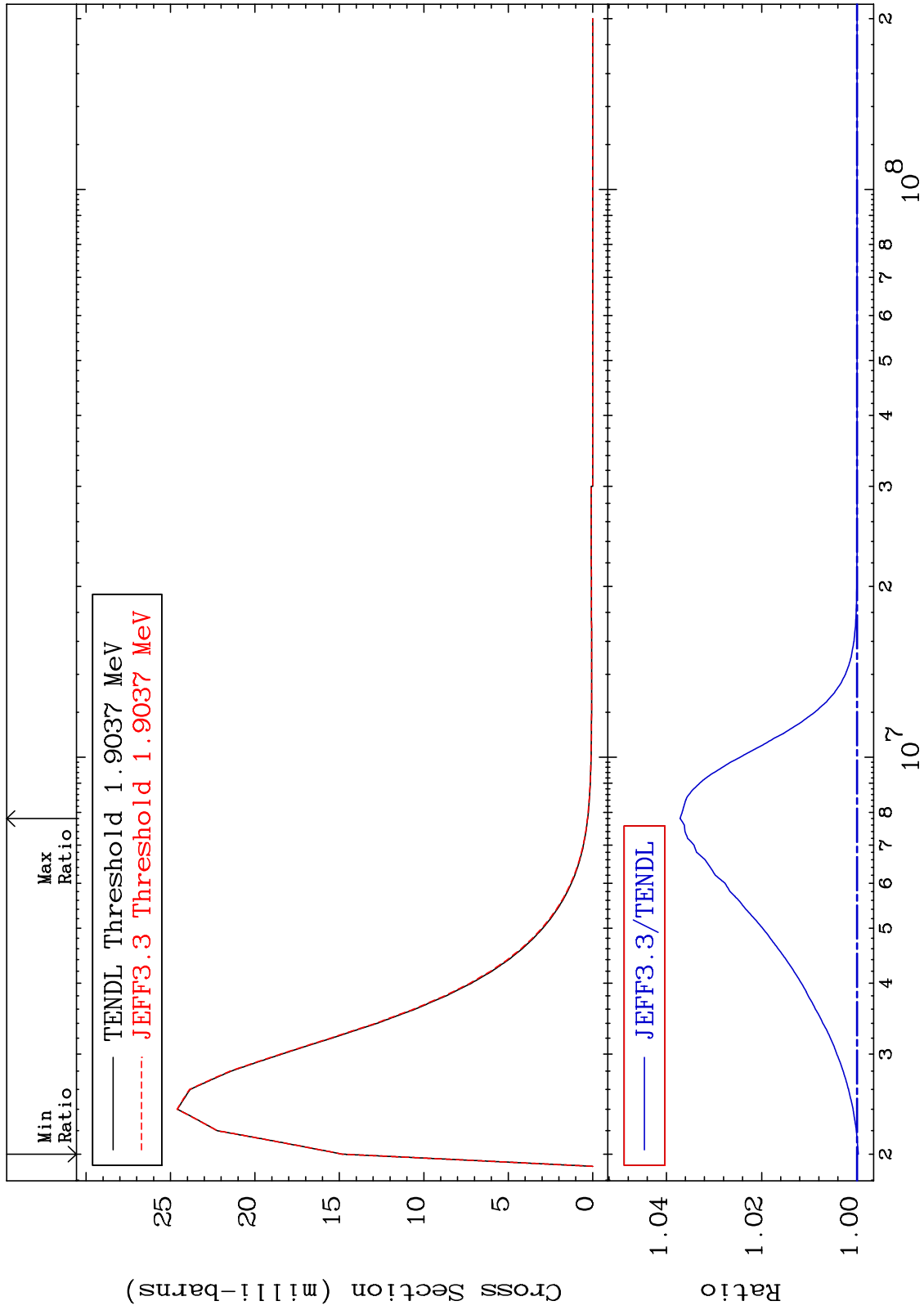
30-Zn-67
-0.013 To 14.31 %



MAT 3034

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

30-Zn-67
-0.030 To 3.713 %



50

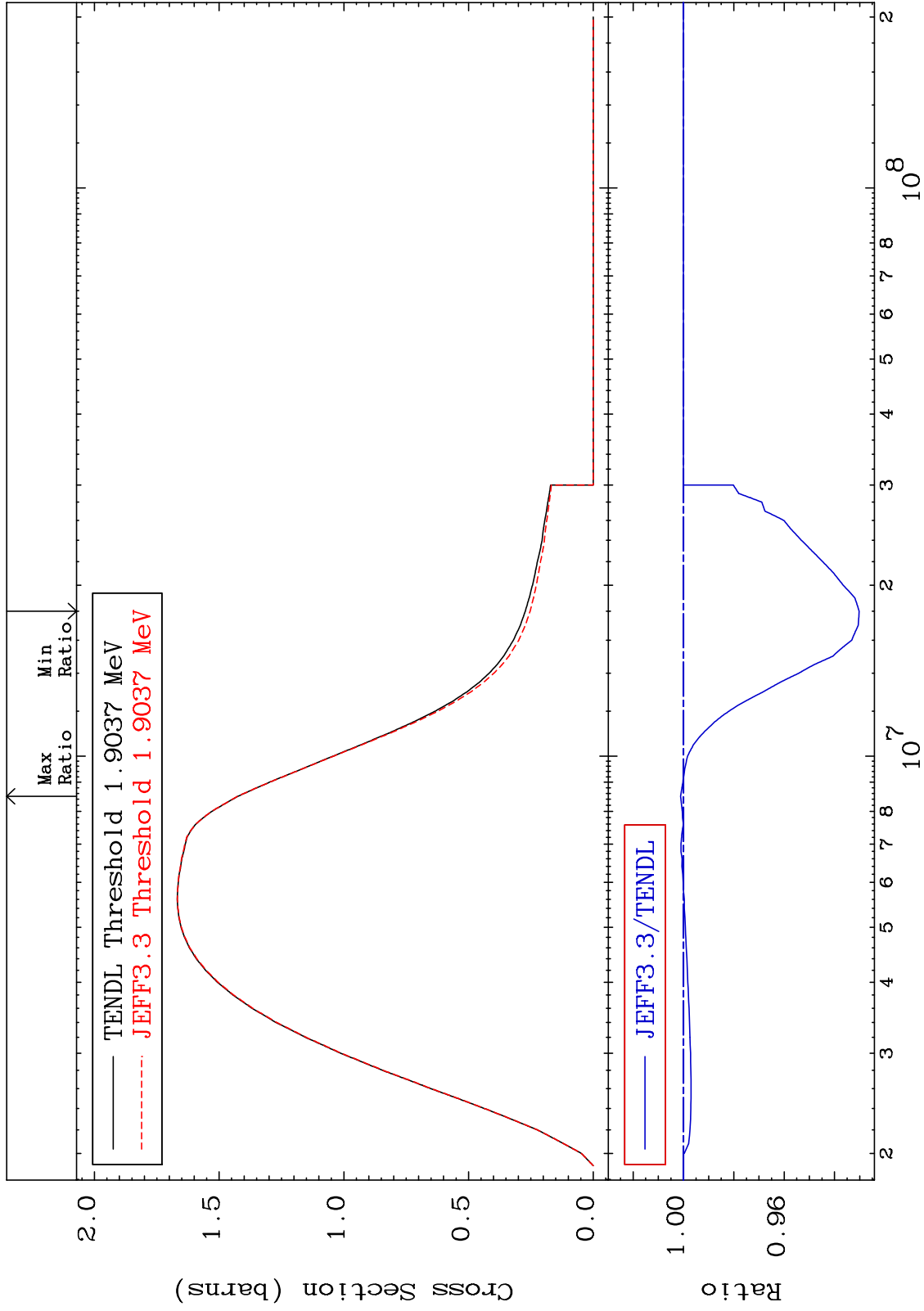
Incident Energy (eV)

30-Zn-67

MAT 3034

(n, n') Continuum
Cross Section

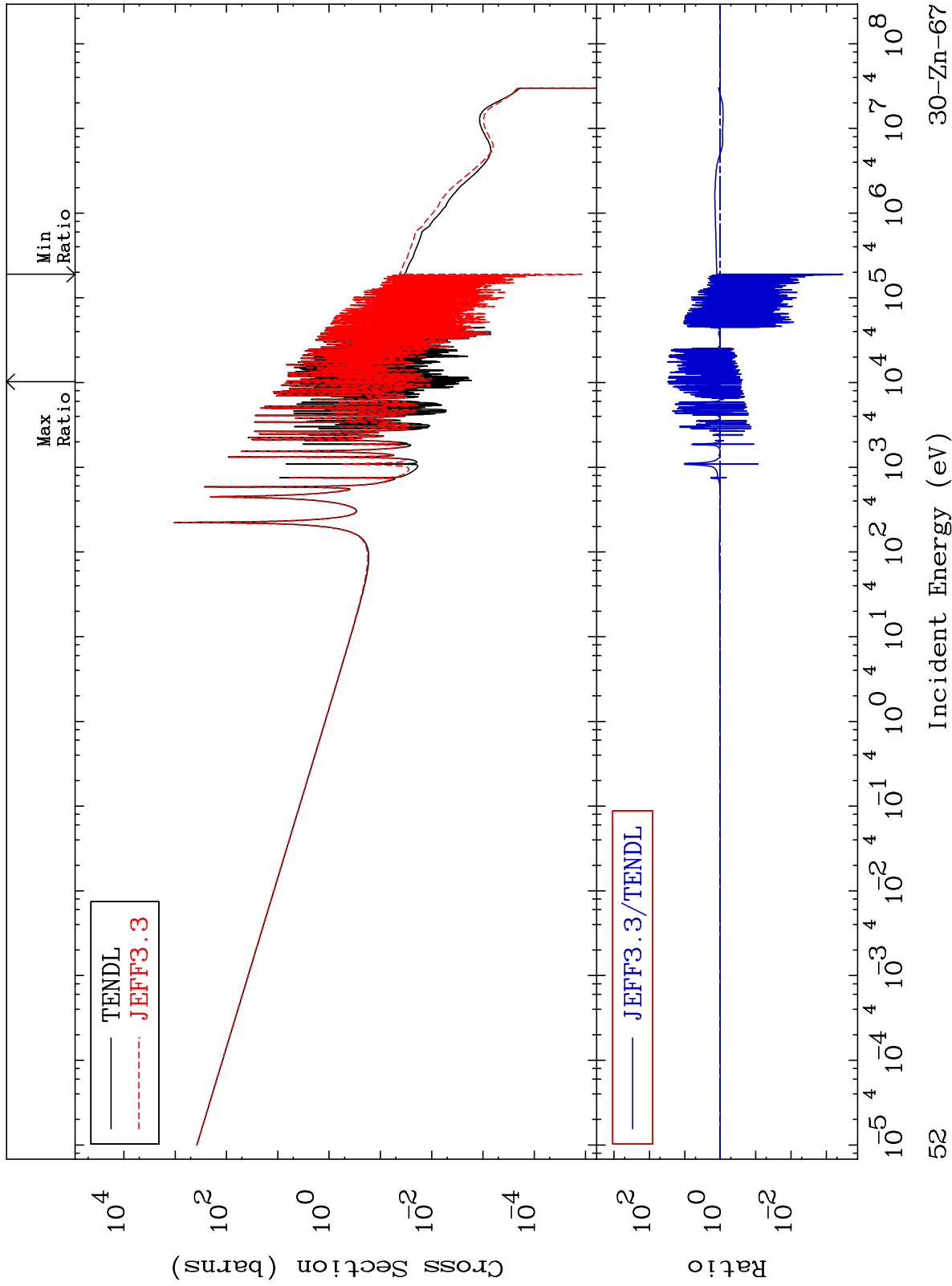
30-Zn-67
-6.980 To 0.112 %



MAT 3034

(n, γ)
Cross Section

30-Zn-67
-99.97 To 2976. %



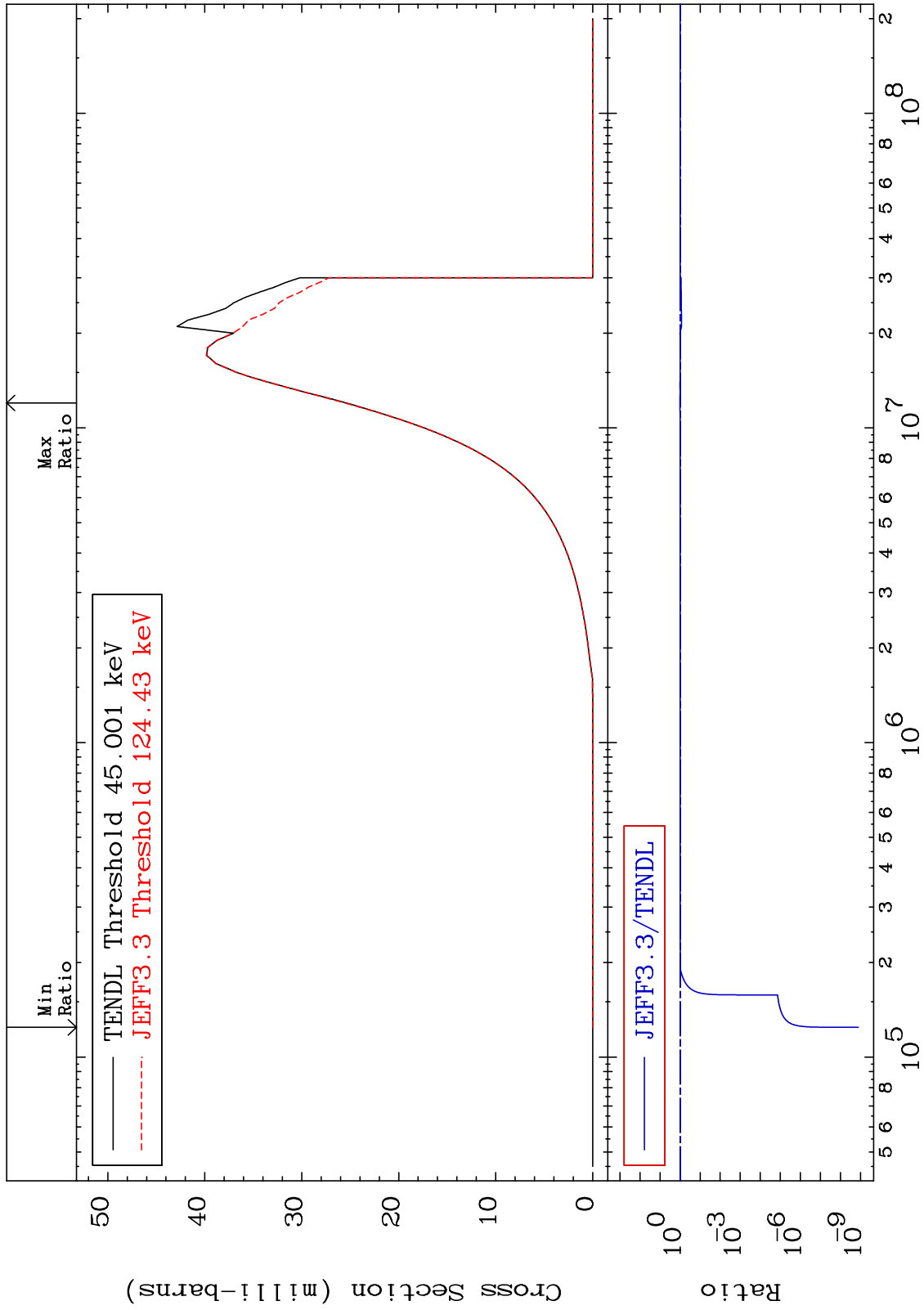
MAT 3034

(n, p)

30-Zn-67

Cross Section

-100.0 To 0.577 %



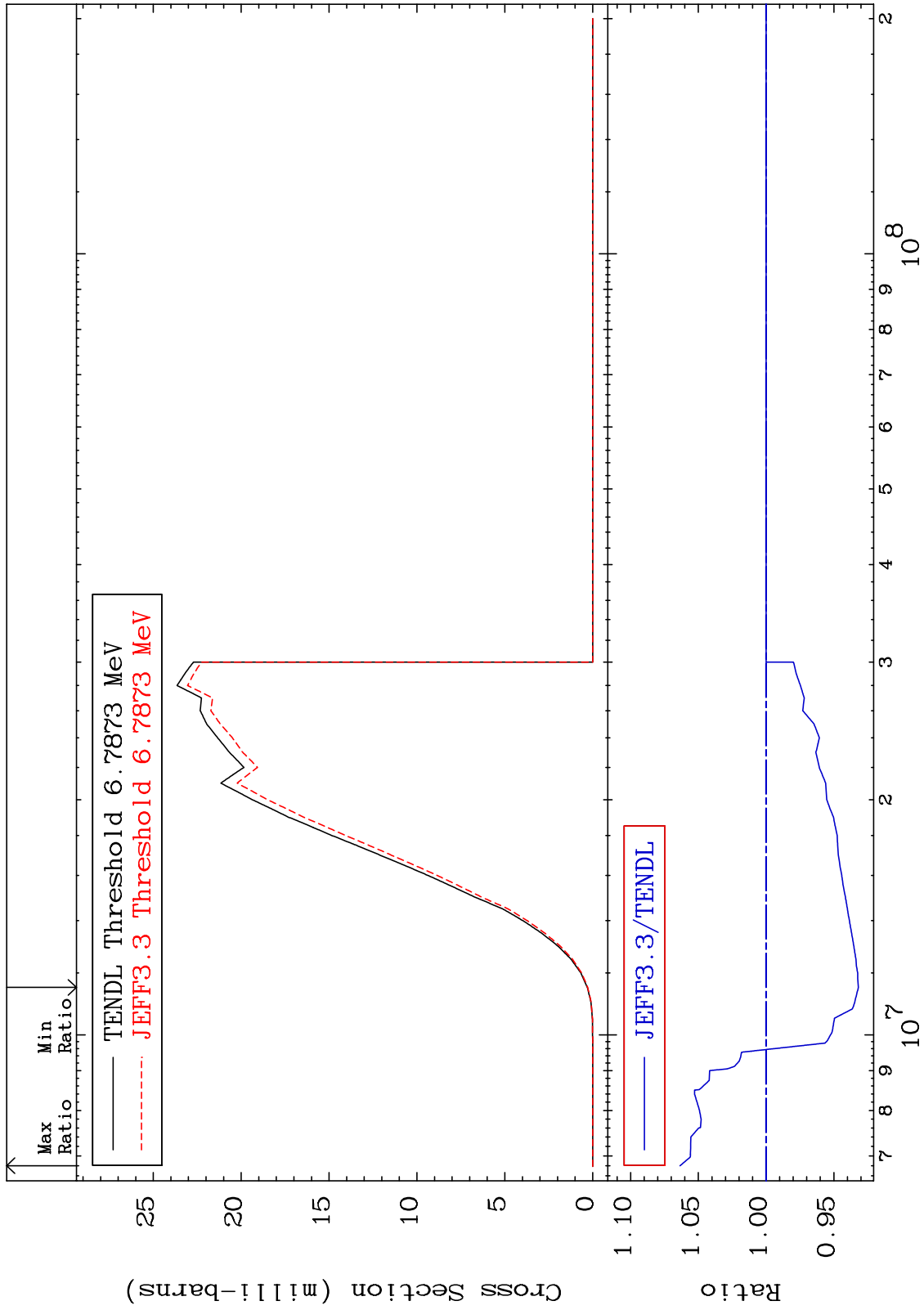
MAT 3034

(n, d)

30-Zn-67

Cross Section

-6.814 To 6.355 %



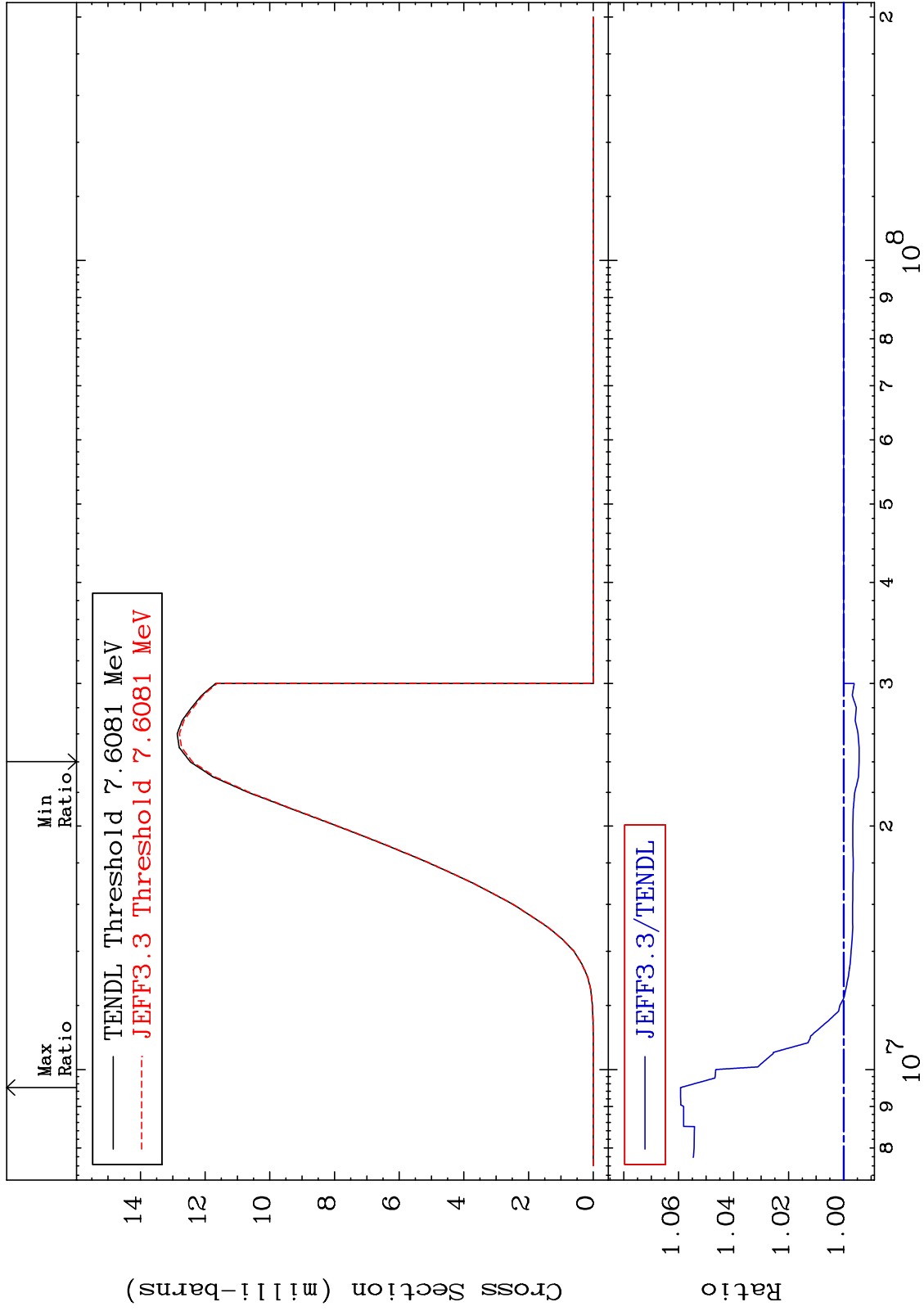
MAT 3034

(n, t)

30-Zn-67

Cross Section

-0.563 To 5.930 %



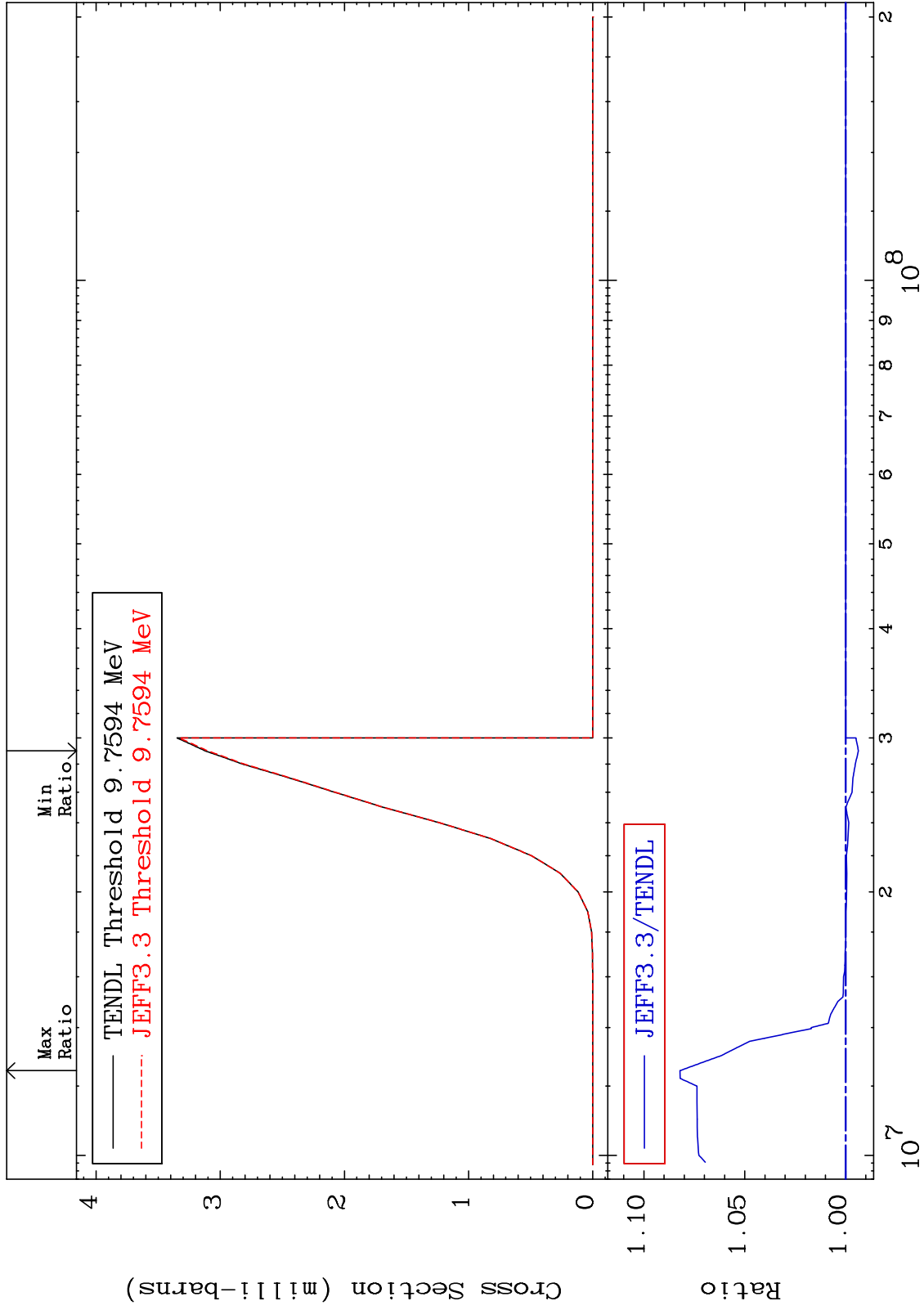
MAT 3034

(n, He-3)

30-Zn-67

Cross Section

-0.631 To 8.212 %



56

Incident Energy (eV)

30-Zn-67

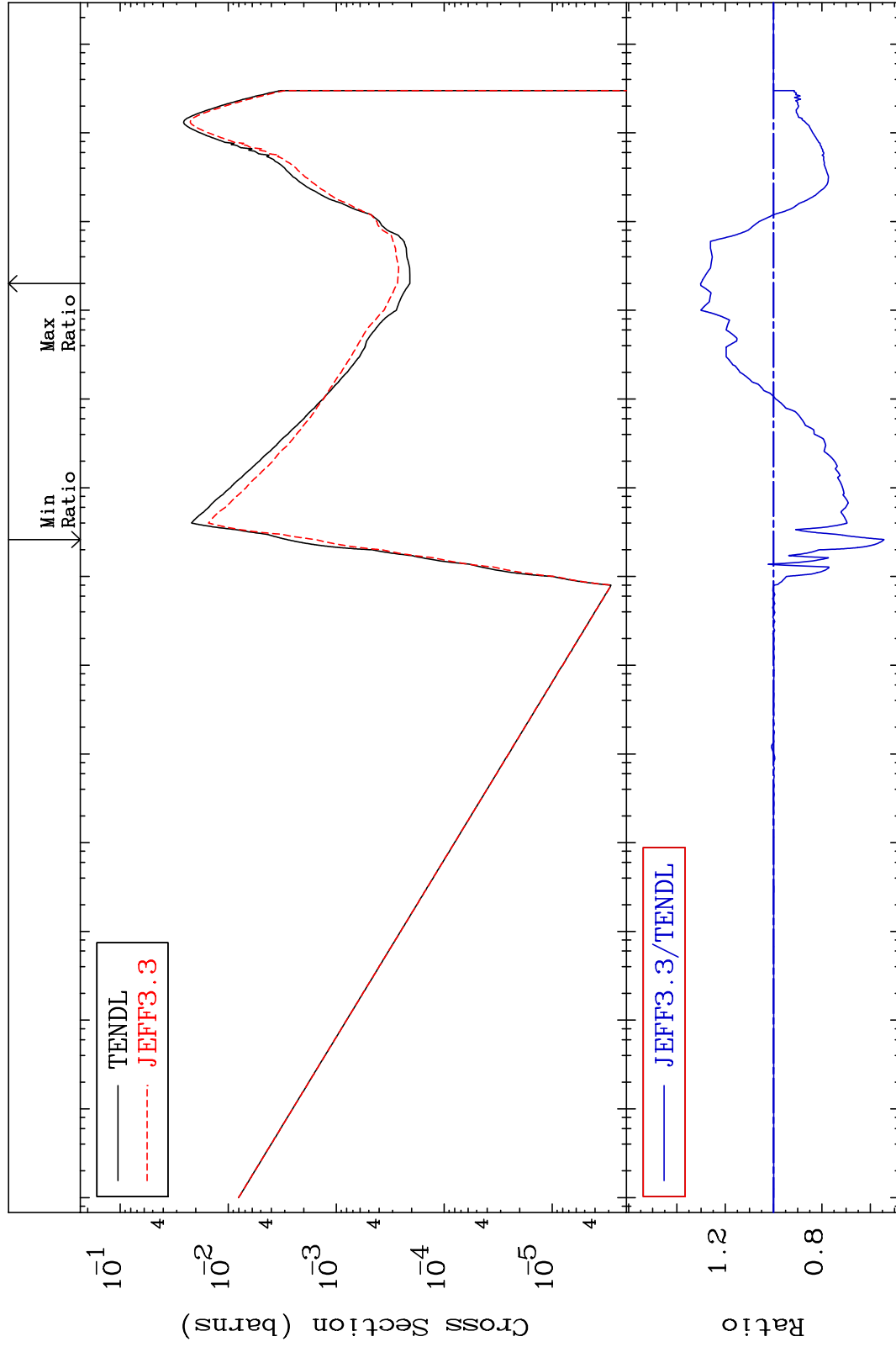
MAT 3034

(n, α)

30-Zn-67

Cross Section

-45.70 To 30.16 %



Incident Energy (eV)

57

30-Zn-67

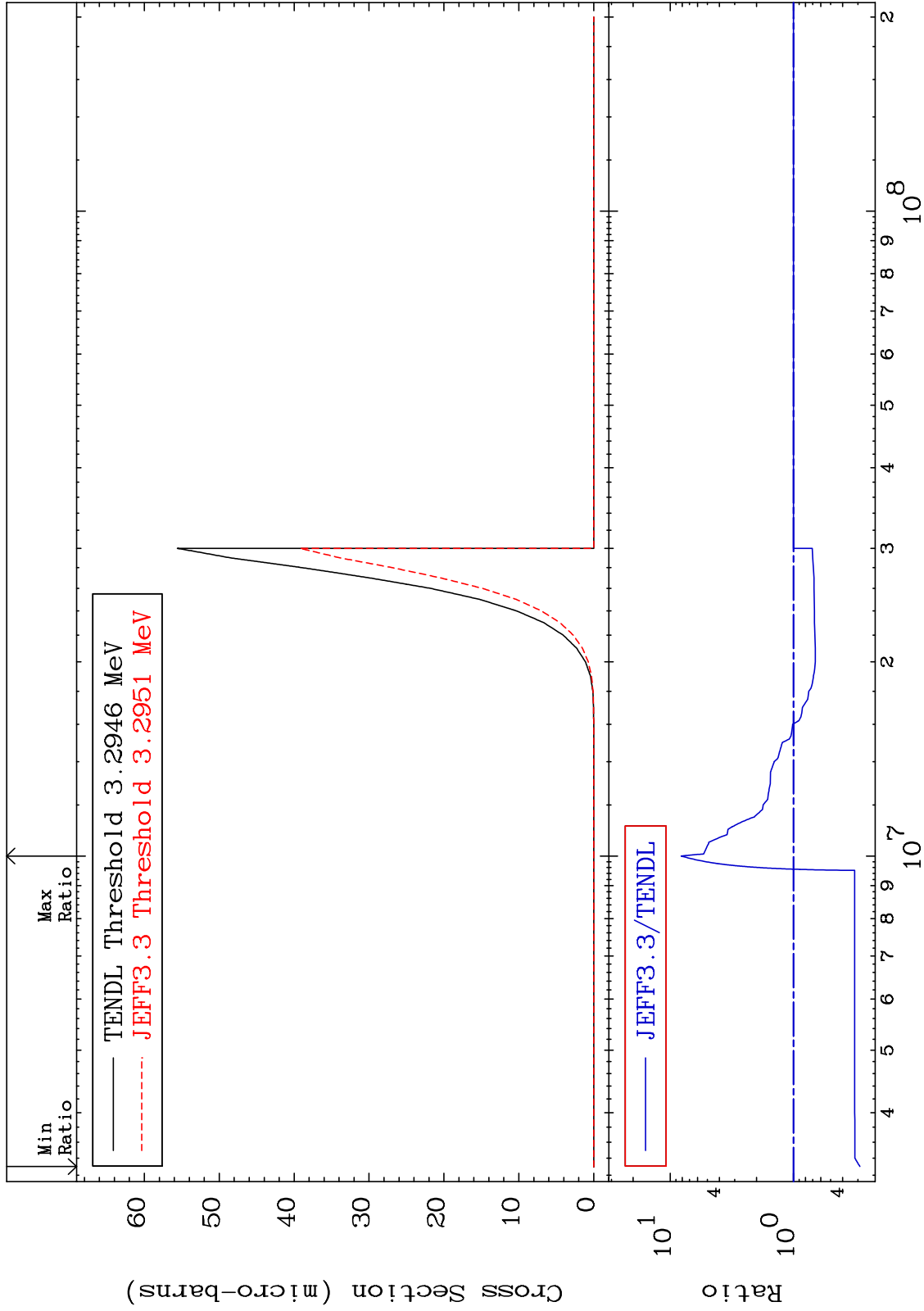
MAT 3034

(n, 2α)

30-Zn-67

Cross Section

-71.07 To 715.1 %



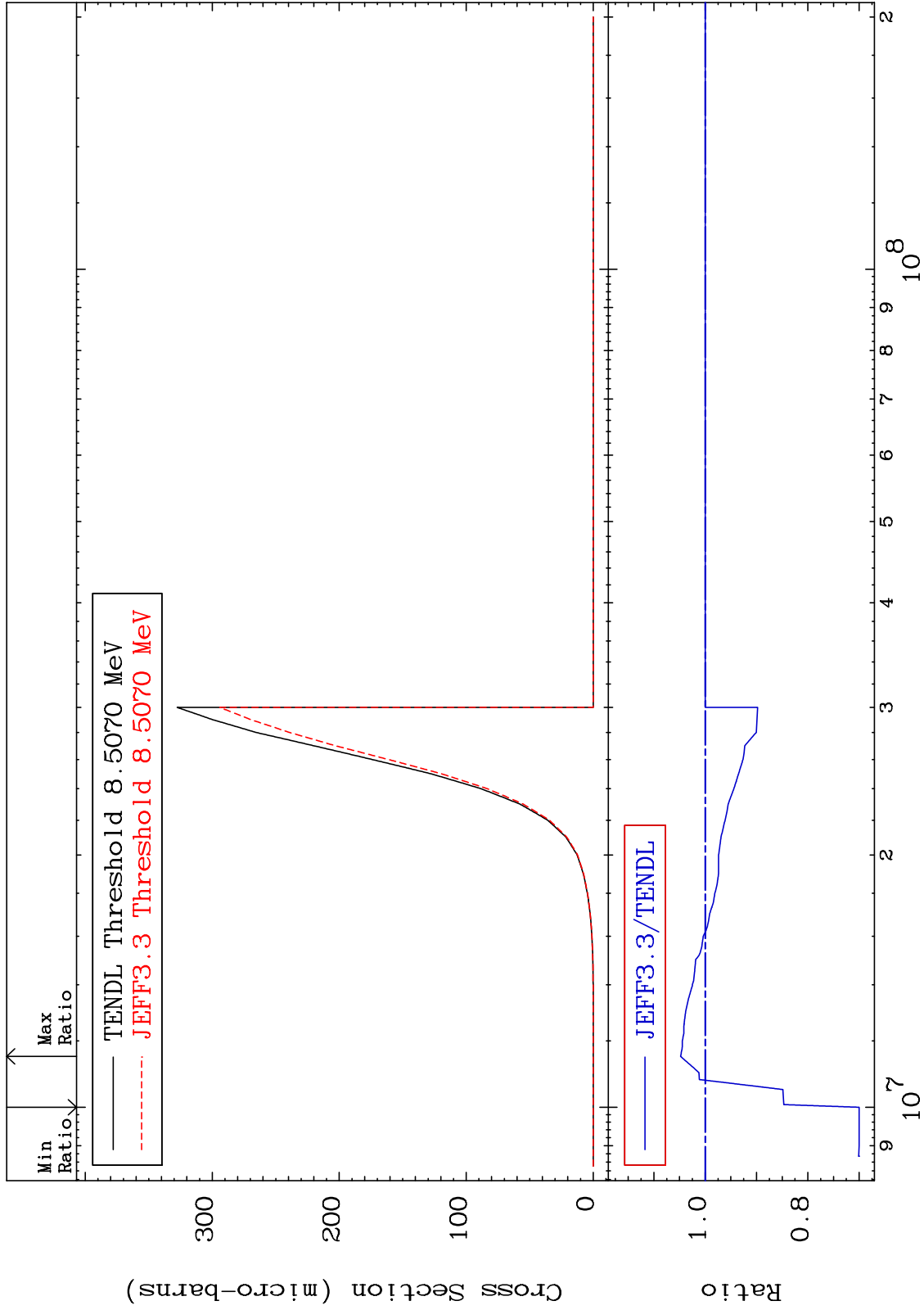
MAT 3034

(n,2p)

30-Zn-67

Cross Section

-30.00 To 4.787 %



59

Incident Energy (eV)

30-Zn-67

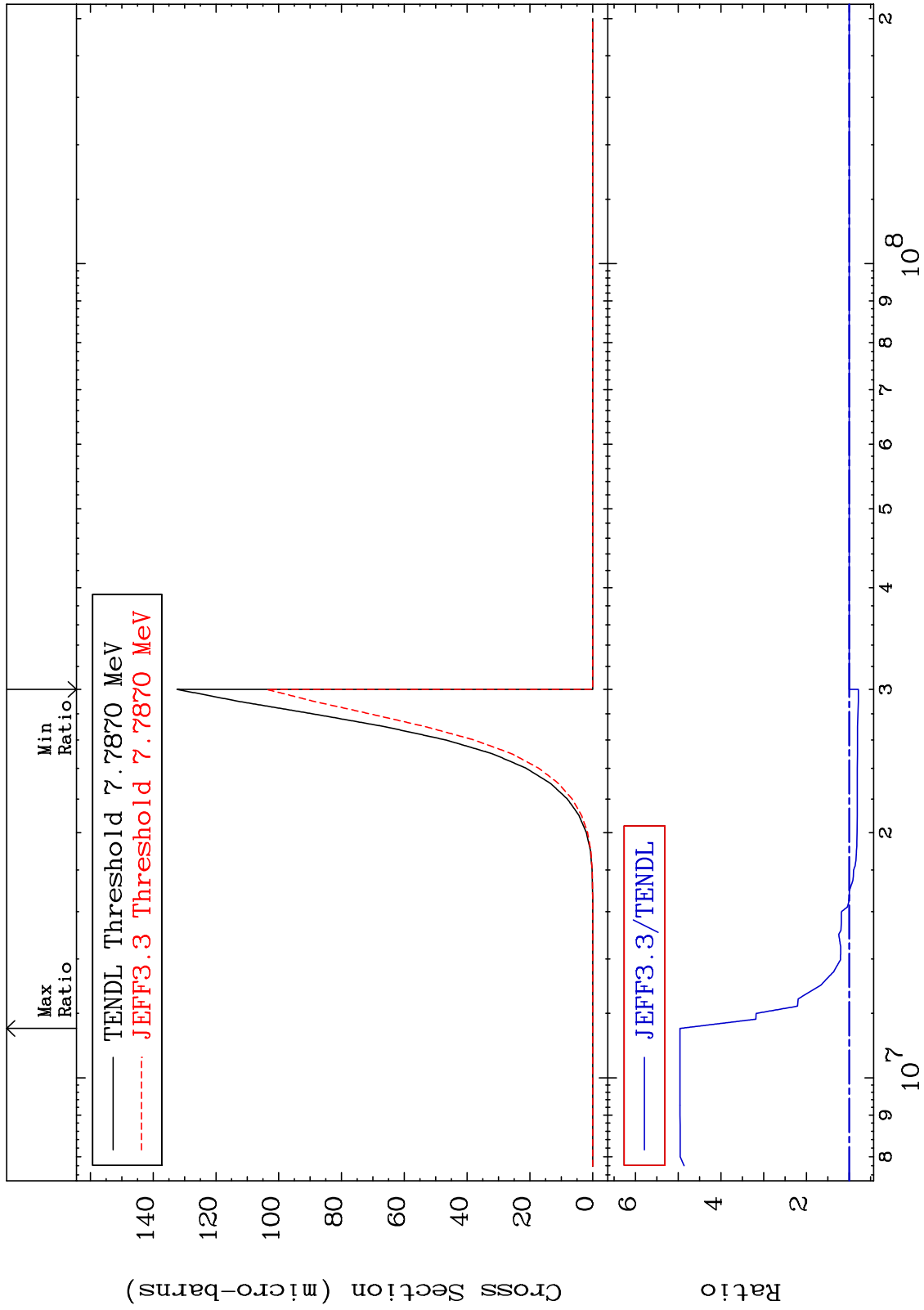
MAT 3034

(n,p) α

30-Zn-67

Cross Section

-21.55 To 395.6 %



60

Incident Energy (eV)

30-Zn-67

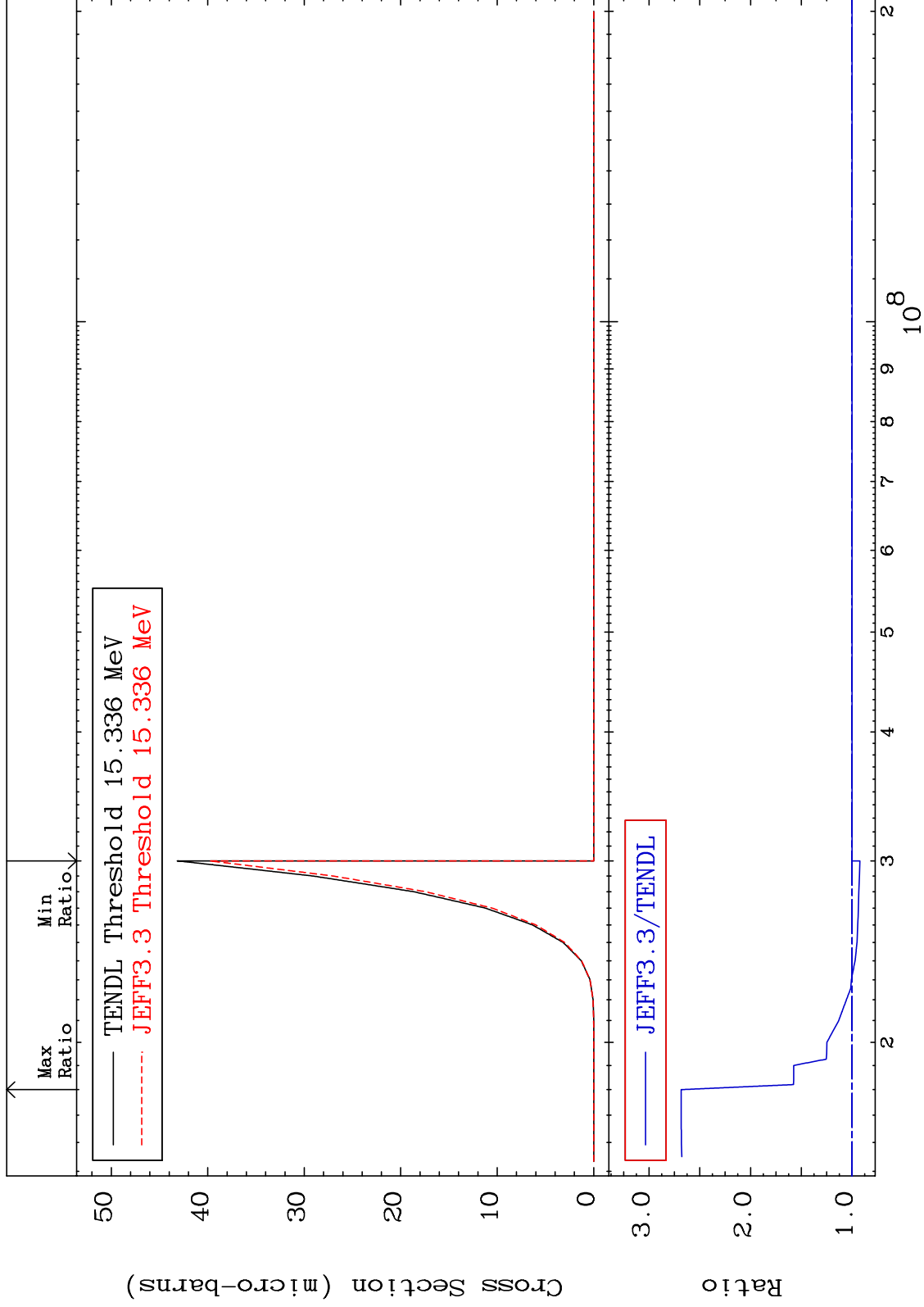
MAT 3034

(n,p) d

30-Zn-67

Cross Section

-7.730 To 168.3 %



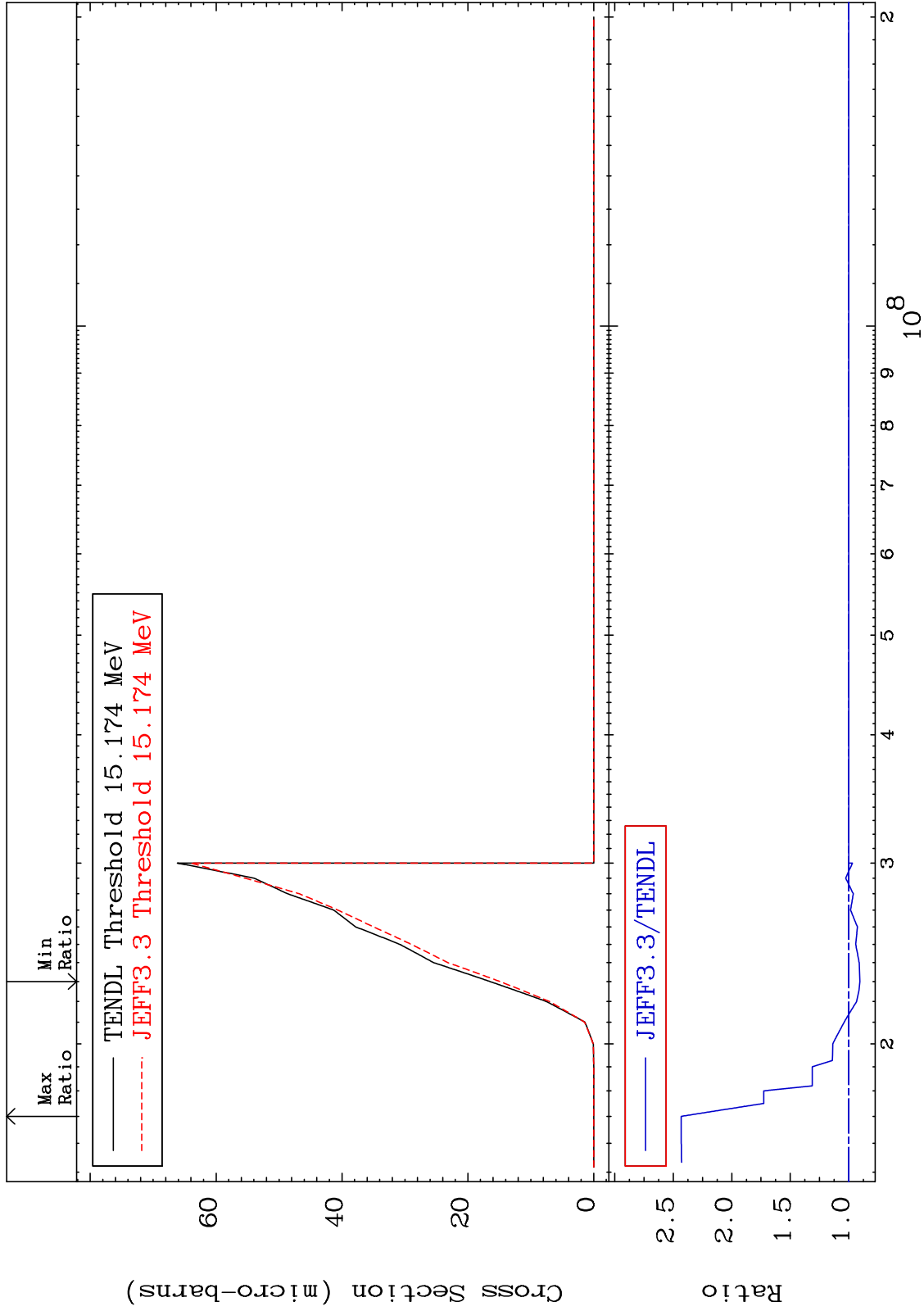
MAT 3034

(n,p) t

30-Zn-67

Cross Section

-9.588 To 143.2 %



62

Incident Energy (eV)

30-Zn-67

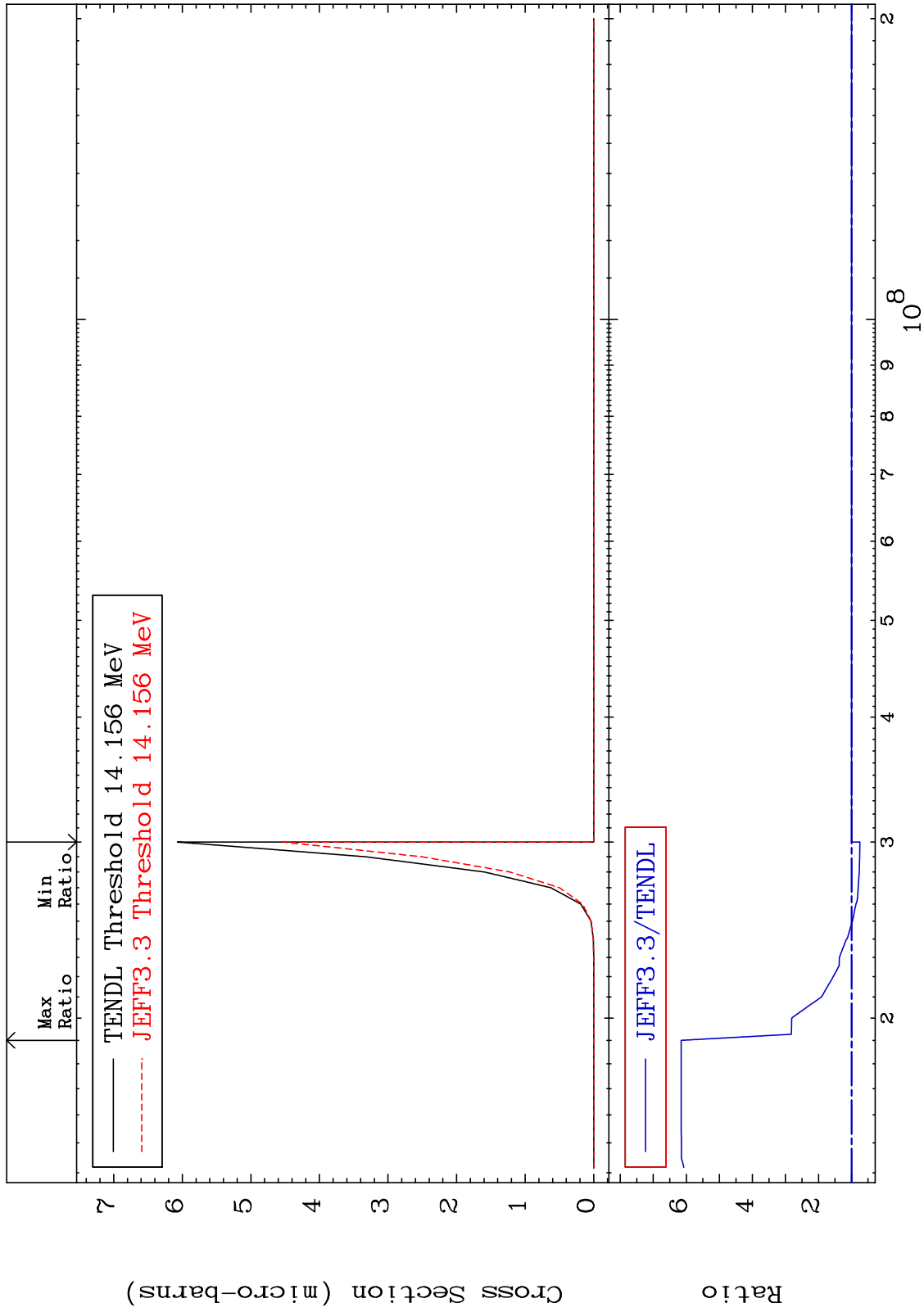
MAT 3034

(n,d) α

30-Zn-67

Cross Section

-25.36 To 515.5 %



63

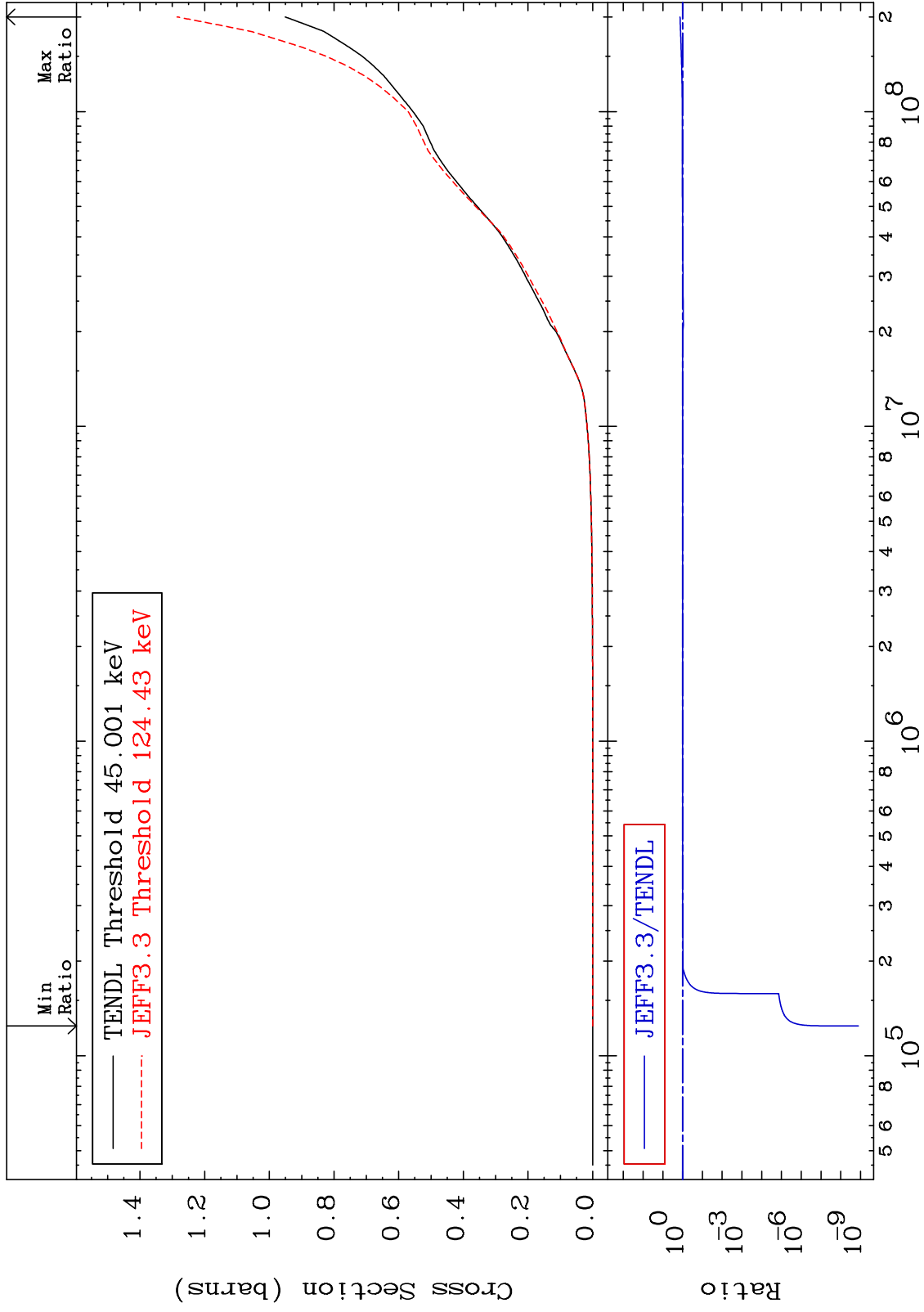
Incident Energy (eV)

30-Zn-67

MAT 3034

Hydrogen Production
Cross Section

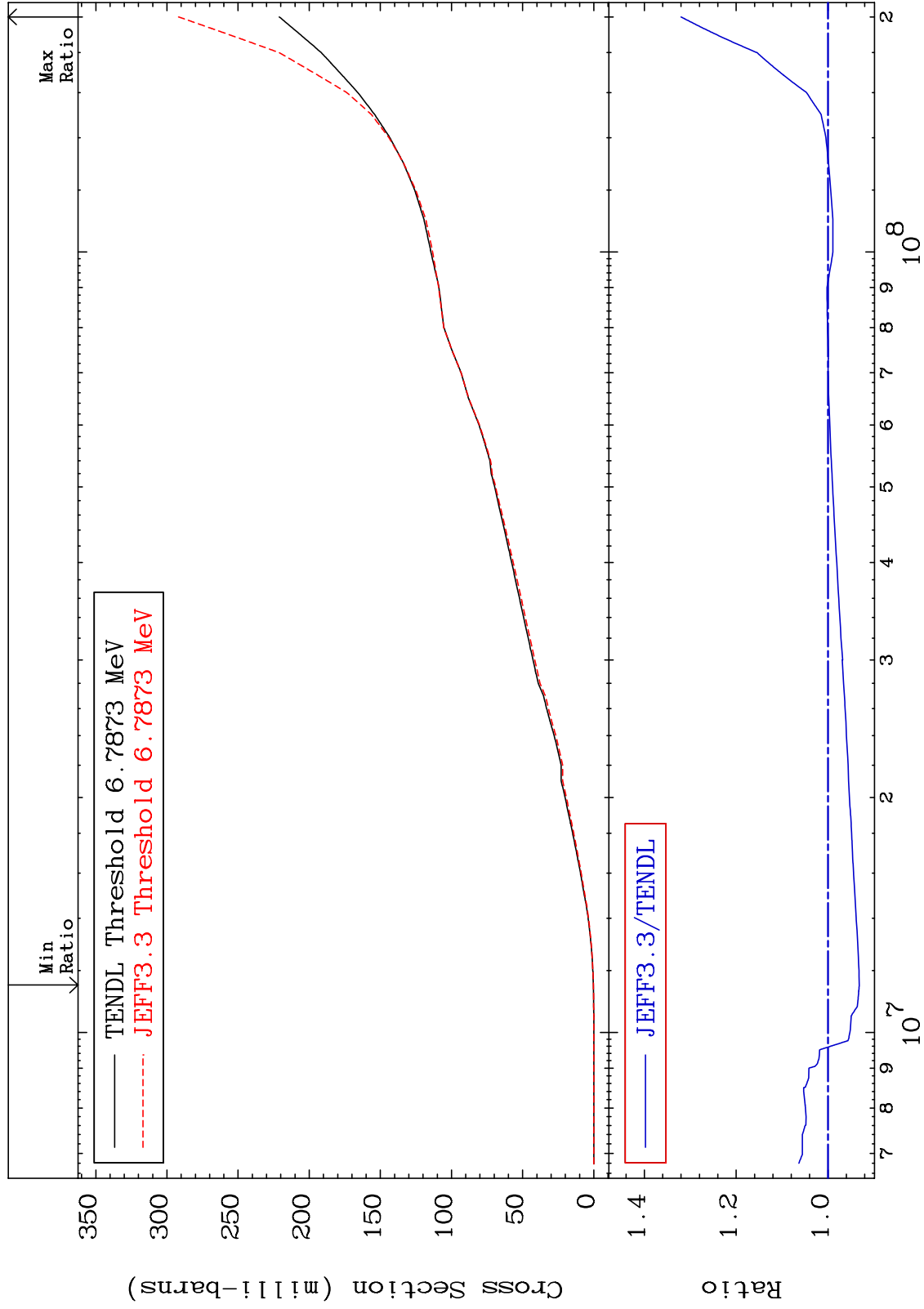
30-Zn-67
-100.0 To 35.15 %



MAT 3034

Deuterium Production
Cross Section

30-Zn-67
-6.814 To 32.01 %



65

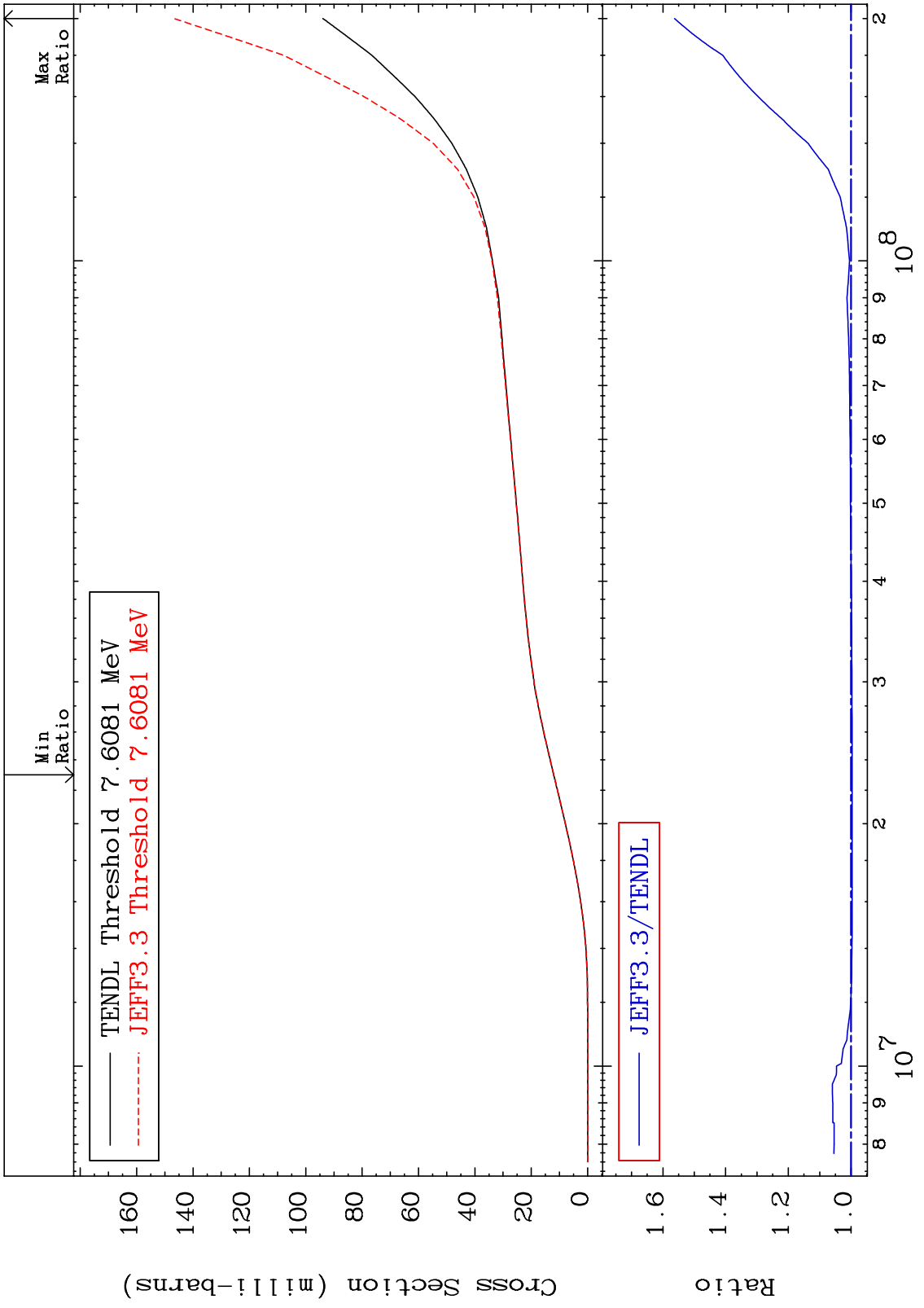
Incident Energy (eV)

30-Zn-67

MAT 3034

Tritium Production
Cross Section

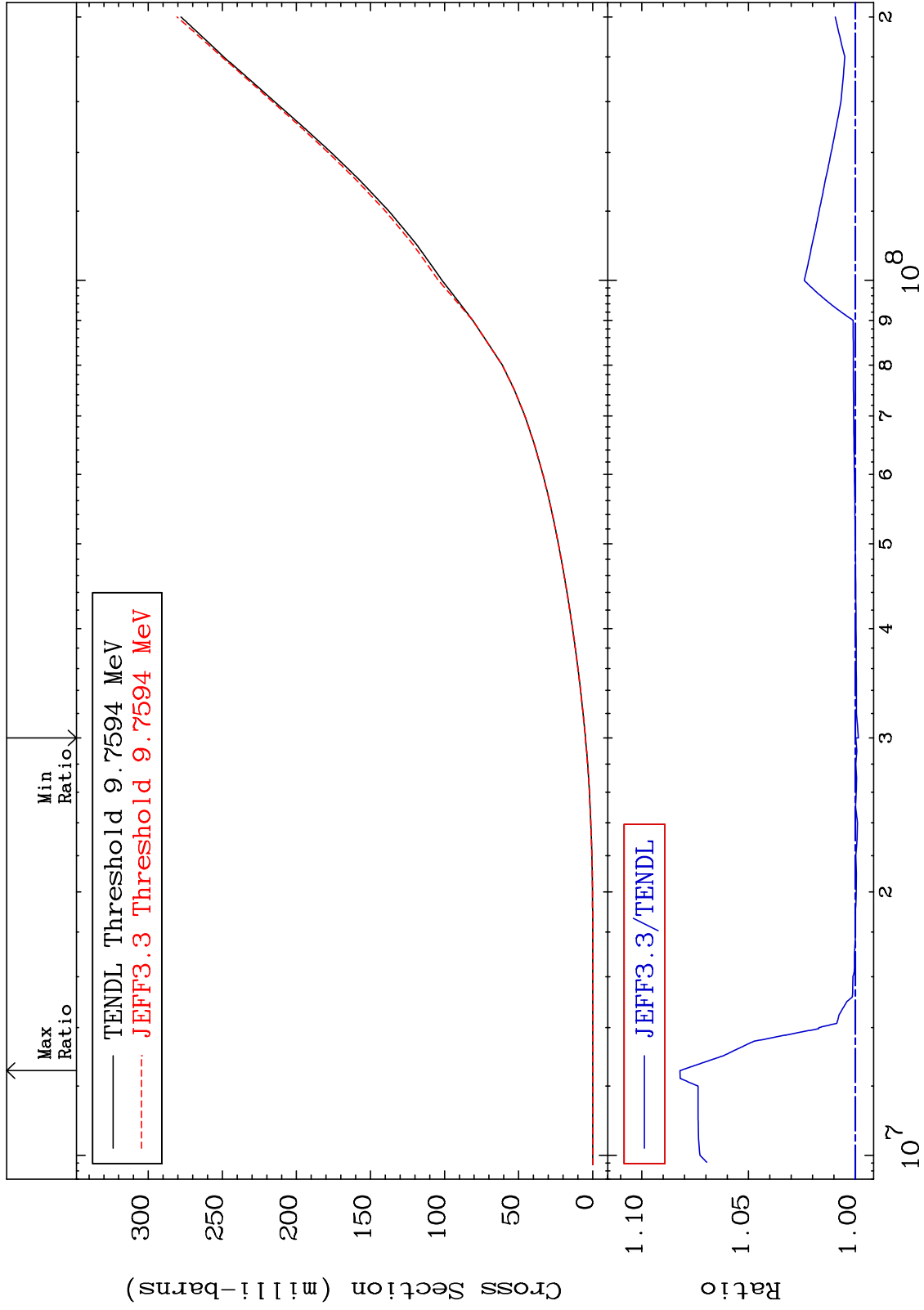
30-Zn-67
-0.354 To 56.28 %



MAT 3034

He-3 Production
Cross Section

30-Zn-67
-0.149 To 8.212 %



30-Zn-67

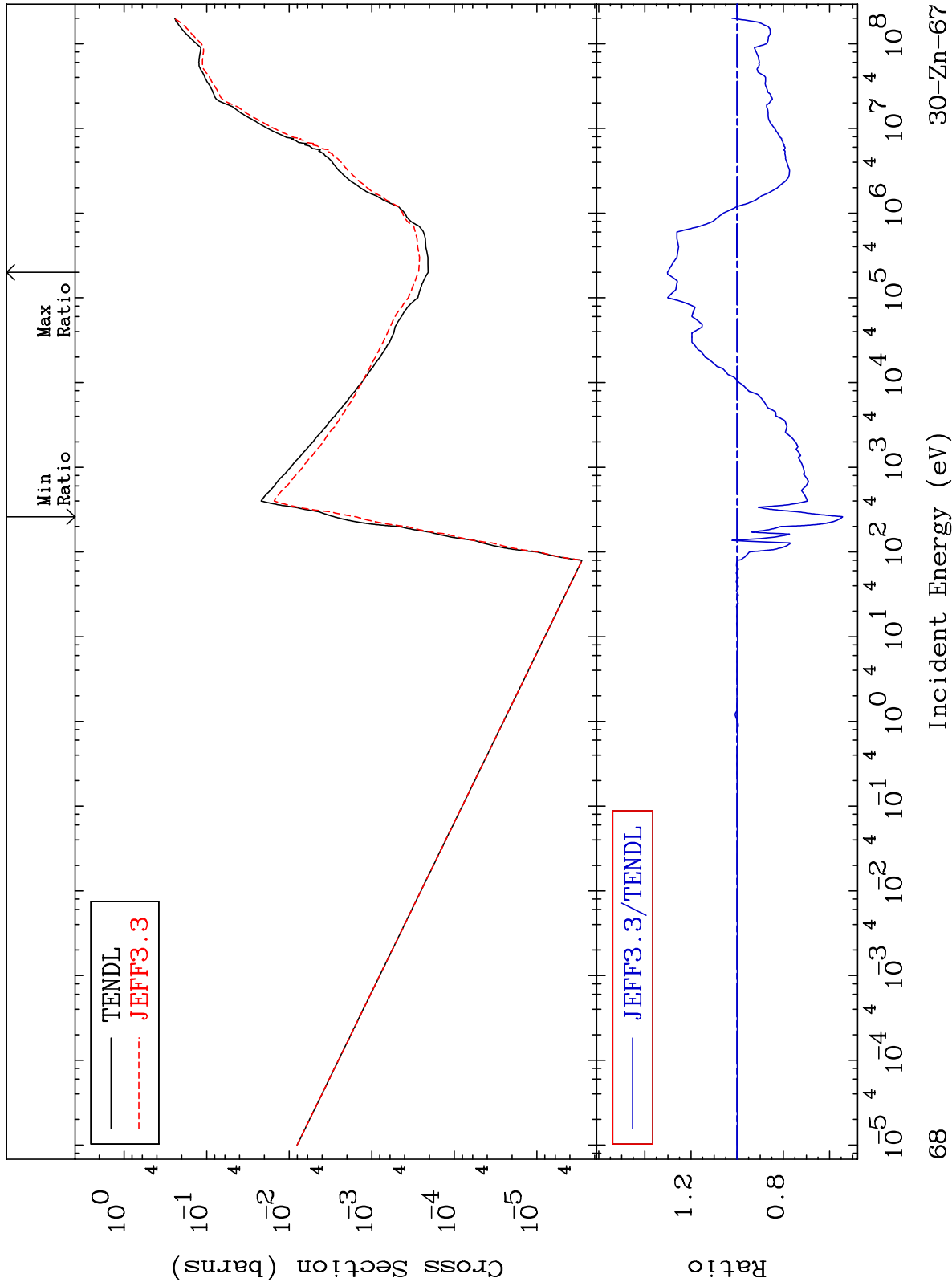
Incident Energy (eV)

67

MAT 3034

He-4 Production
Cross Section

30-Zn-67
-45.70 To 30.16 %

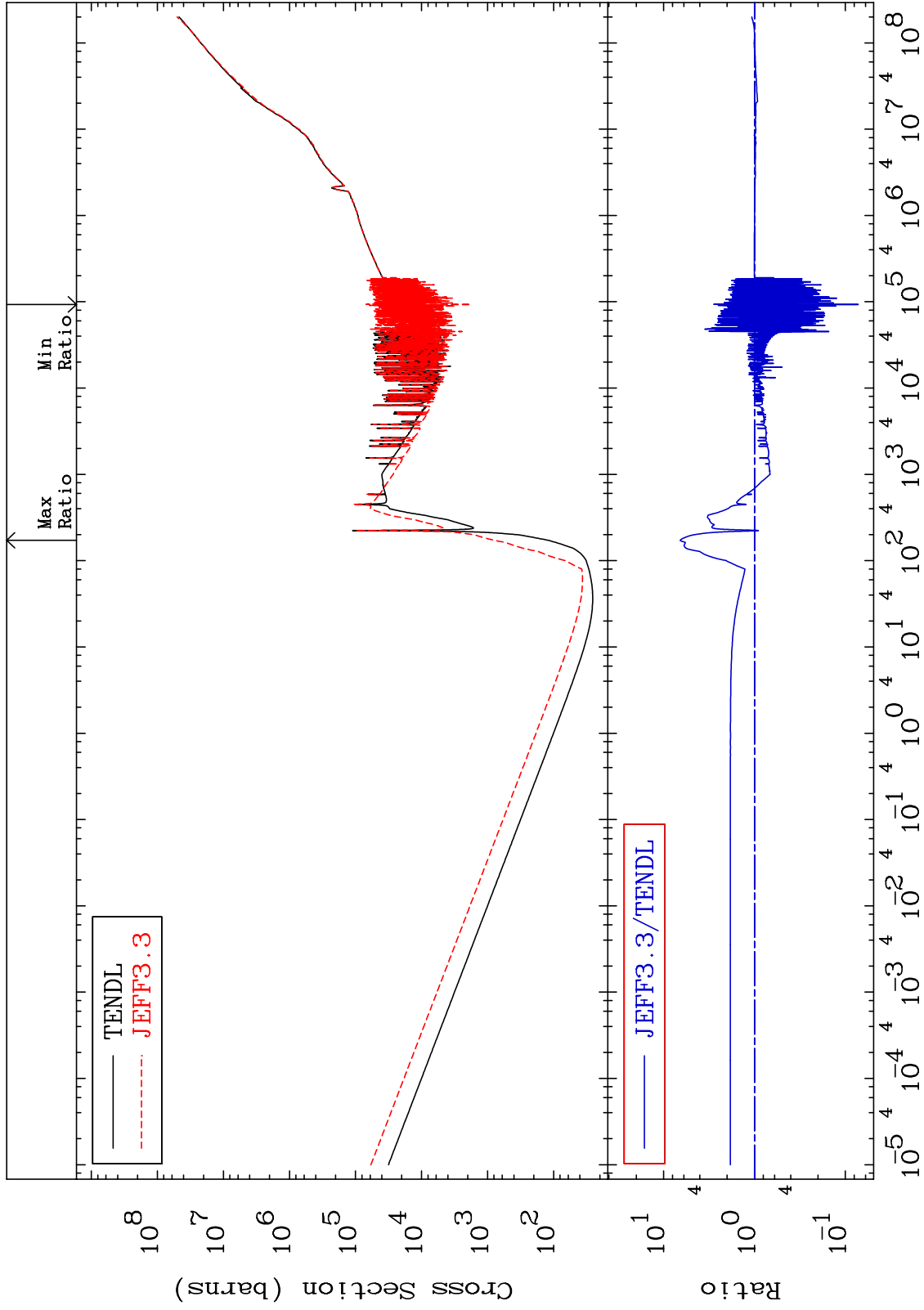


MAT 3034

Kerma total (eV-barns)
Cross Section

30-Zn-67

-92.82 To 560.4 %



69

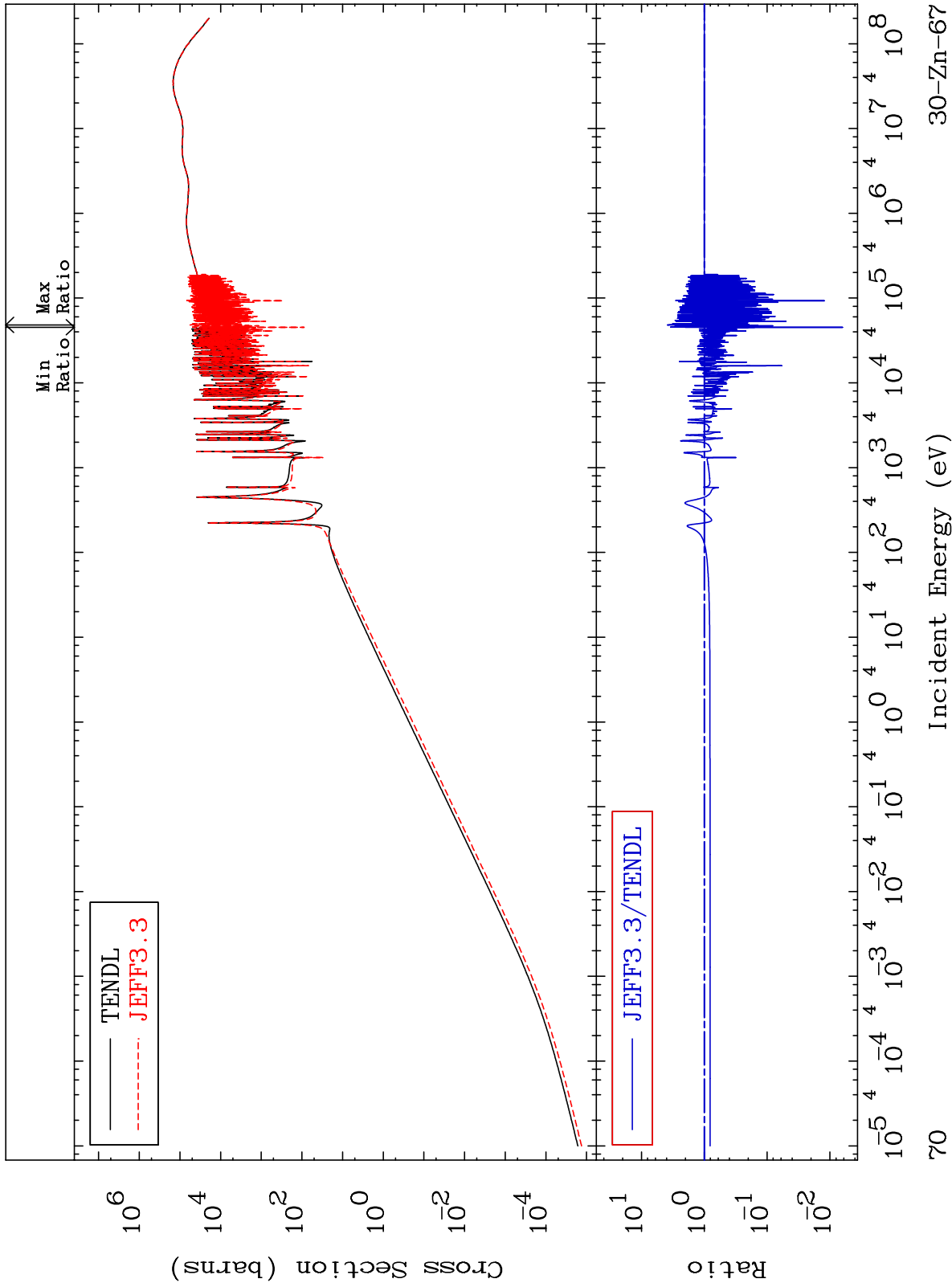
Incident Energy (eV)

30-Zn-67

MAT 3034

Kerma elastic
Cross Section

30-Zn-67
-99.37 To 288.6 %



70

Incident Energy (eV)

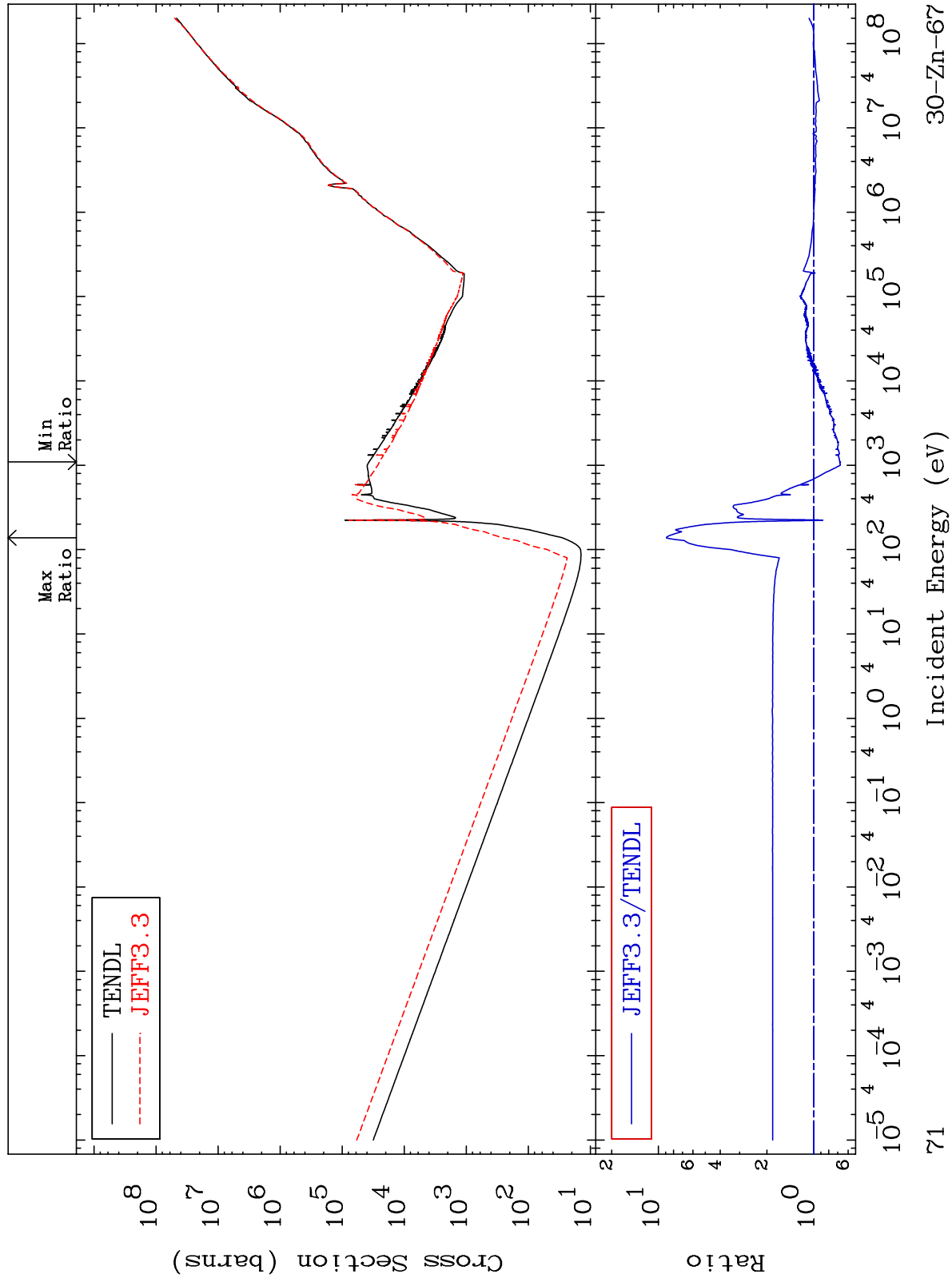
30-Zn-67

MAT 3034

Kerma non-elastic (all but mt2)
Cross Section

30-Zn-67

-32.97 To 790.0 %



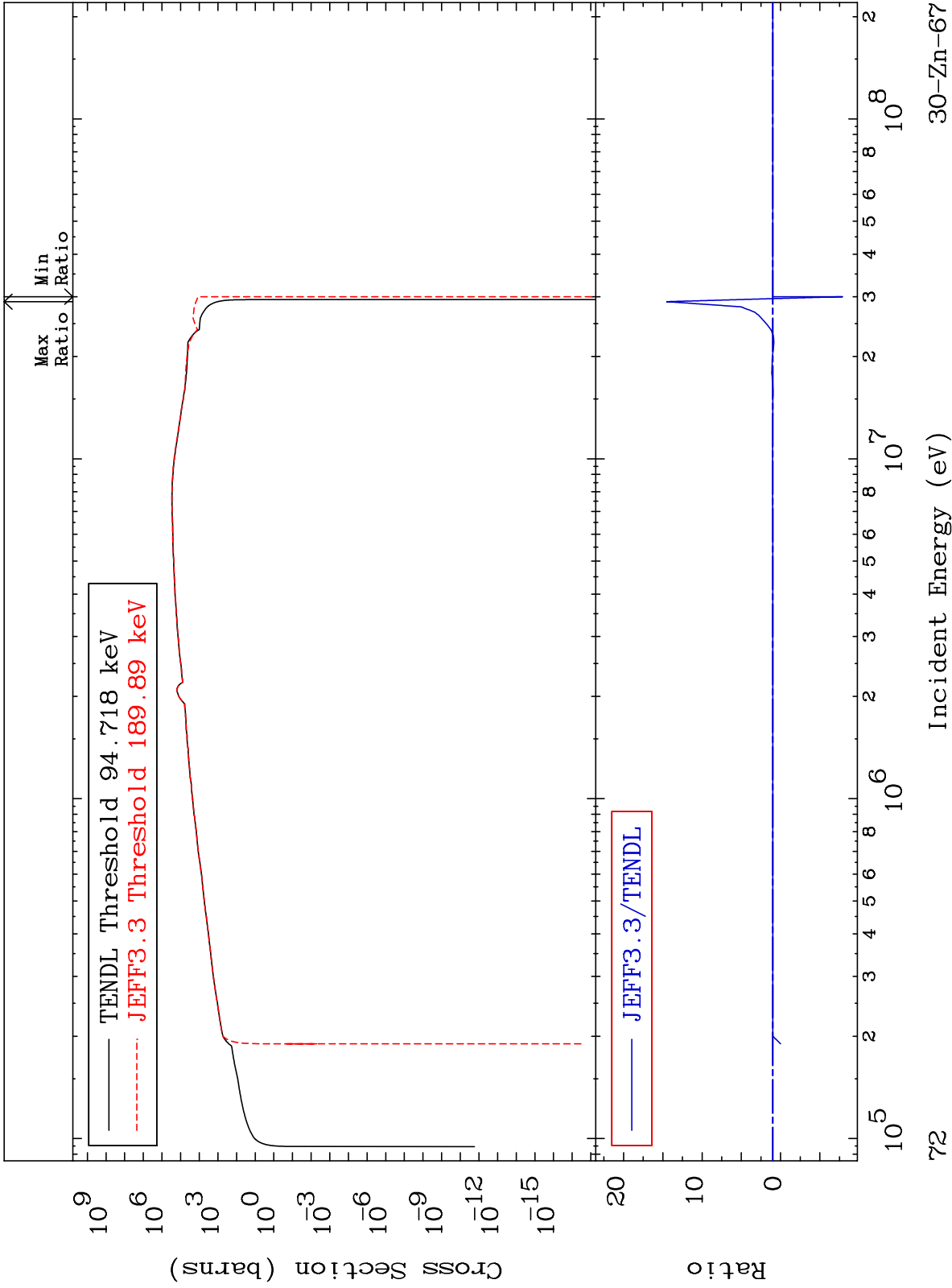
71

30-Zn-67

MAT 3034

Kerma inelastic (mt51-91)
Cross Section

30-Zn-67
-887.0 To 1349. %

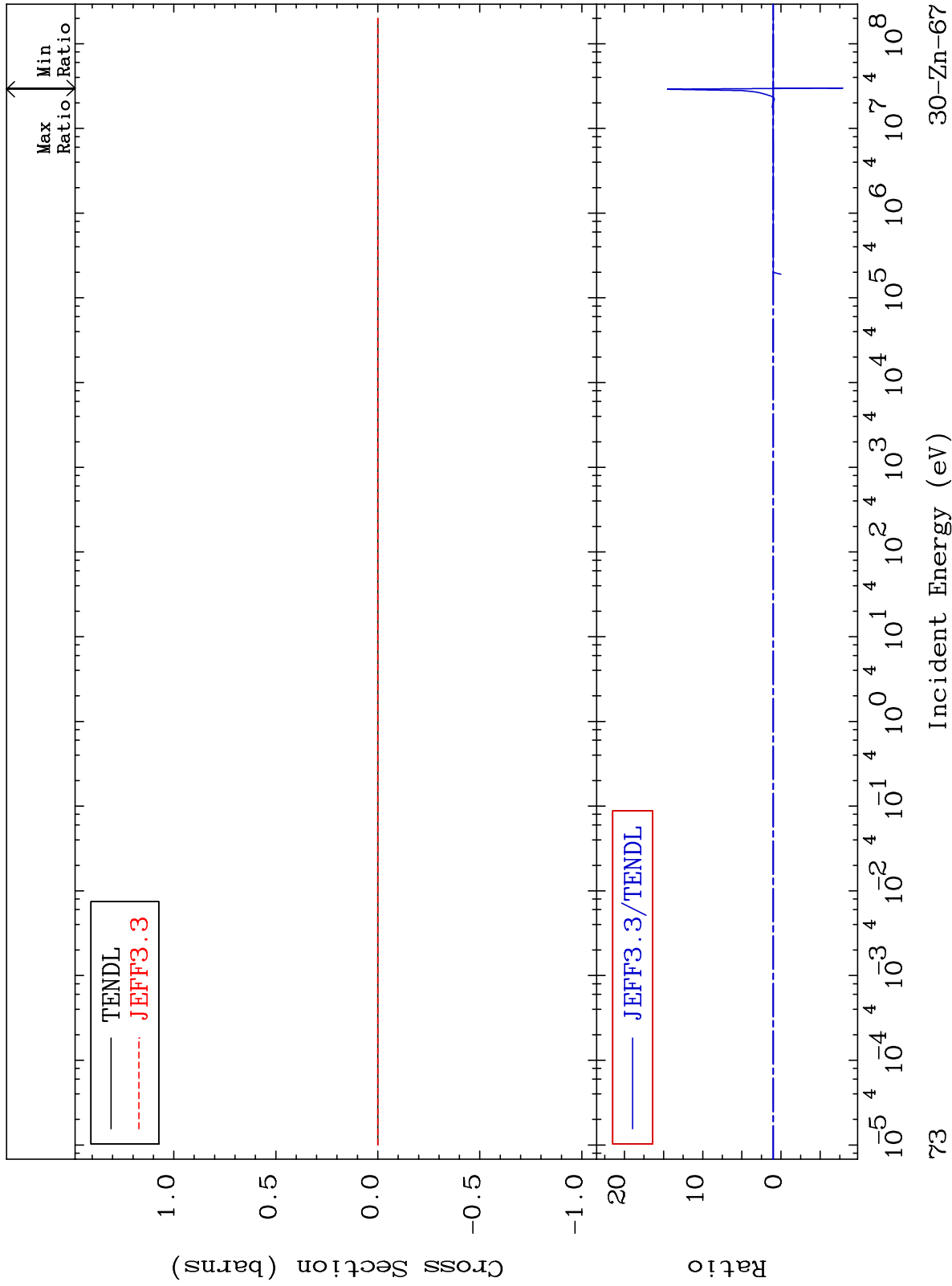


72

MAT 3034

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

30-Zn-67
-887.0 To 1349. %



30-Zn-67

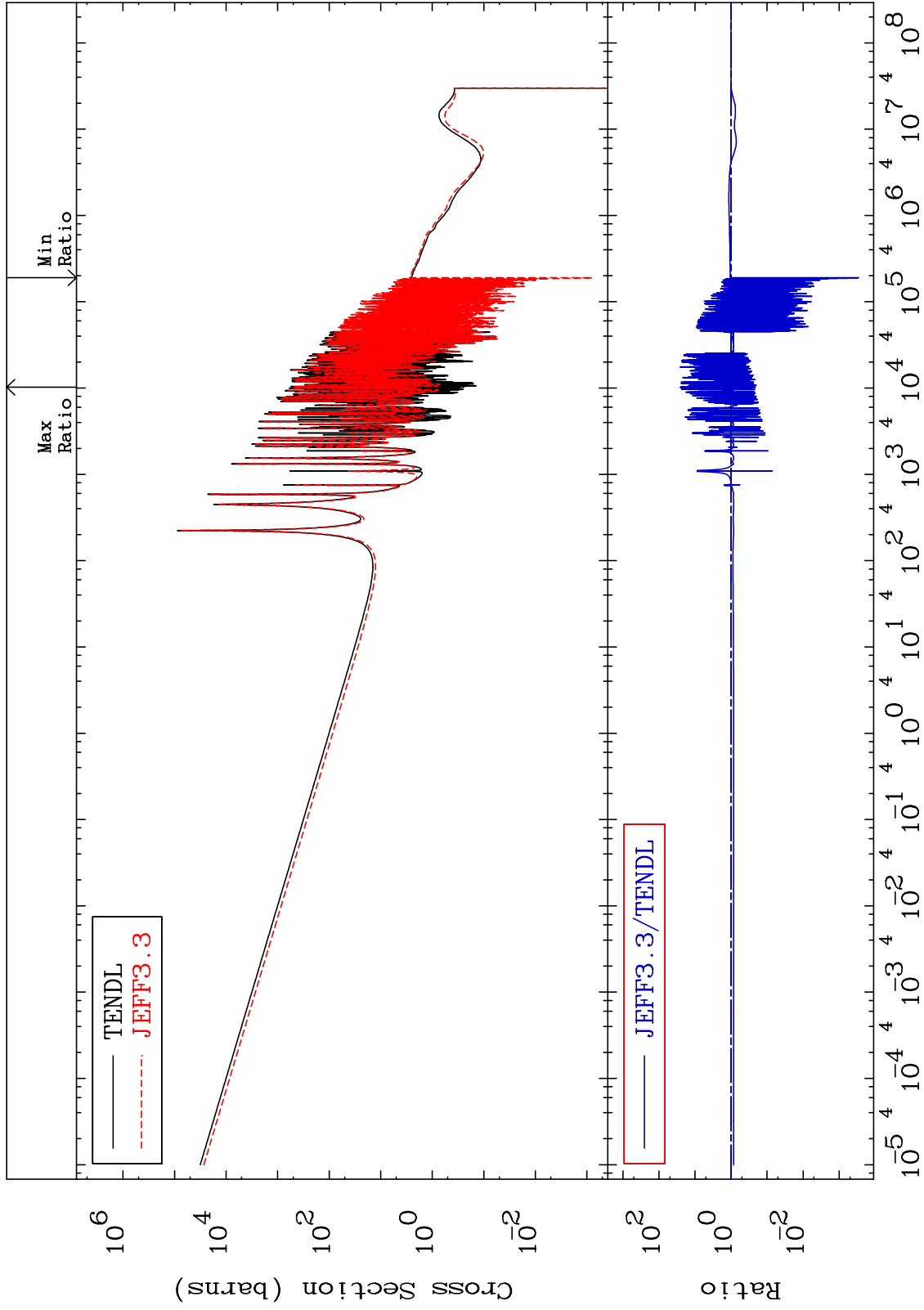
Incident Energy (eV)

73

MAT 3034

Kerma capture (mt102)
Cross Section

30-Zn-67
-99.97 To 2507. %



74

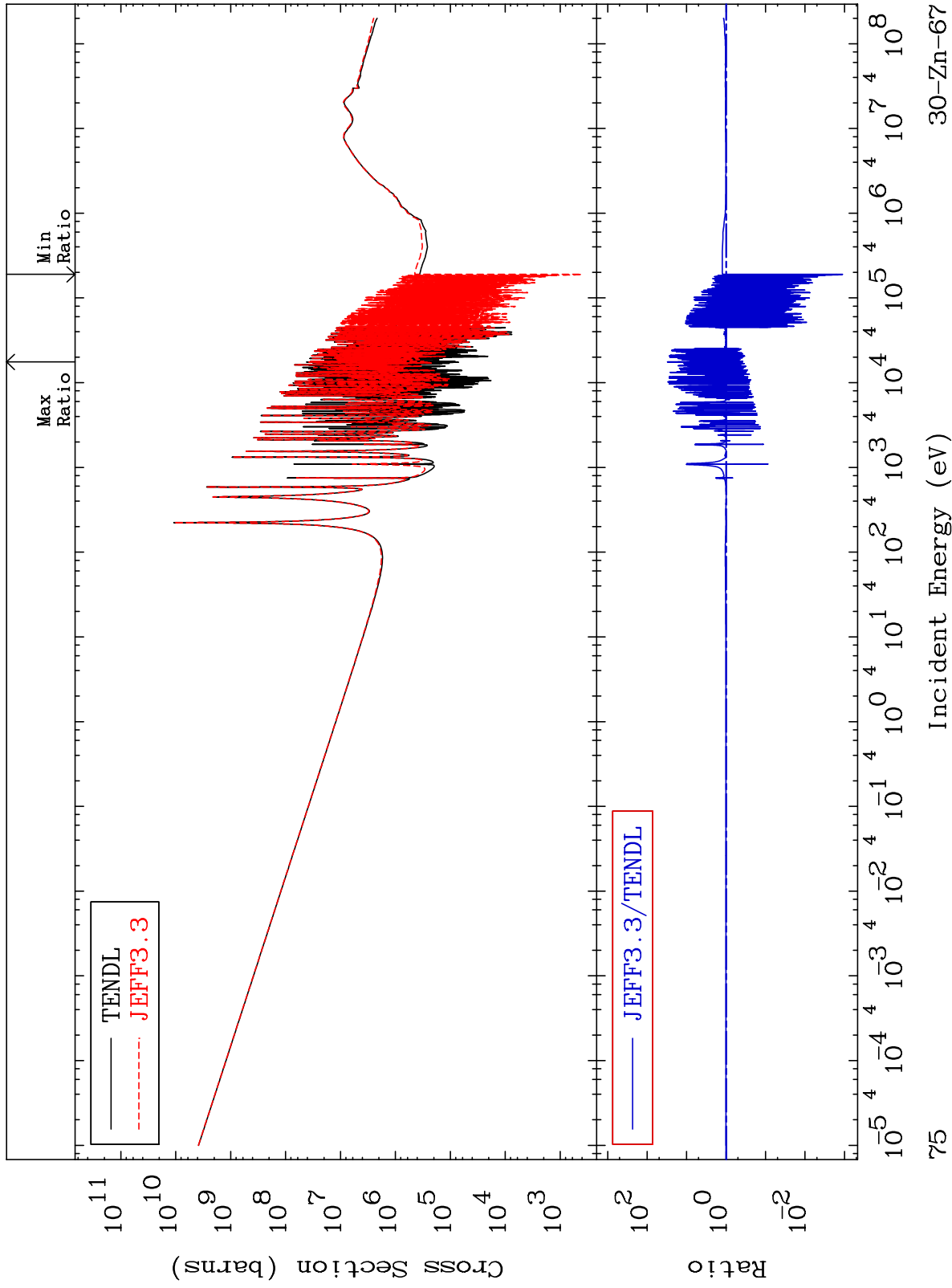
Incident Energy (eV)

30-Zn-67

MAT 3034

Total photon (eV-barns)
Cross Section

30-Zn-67
-99.89 To 2944. %



75

Incident Energy (eV)

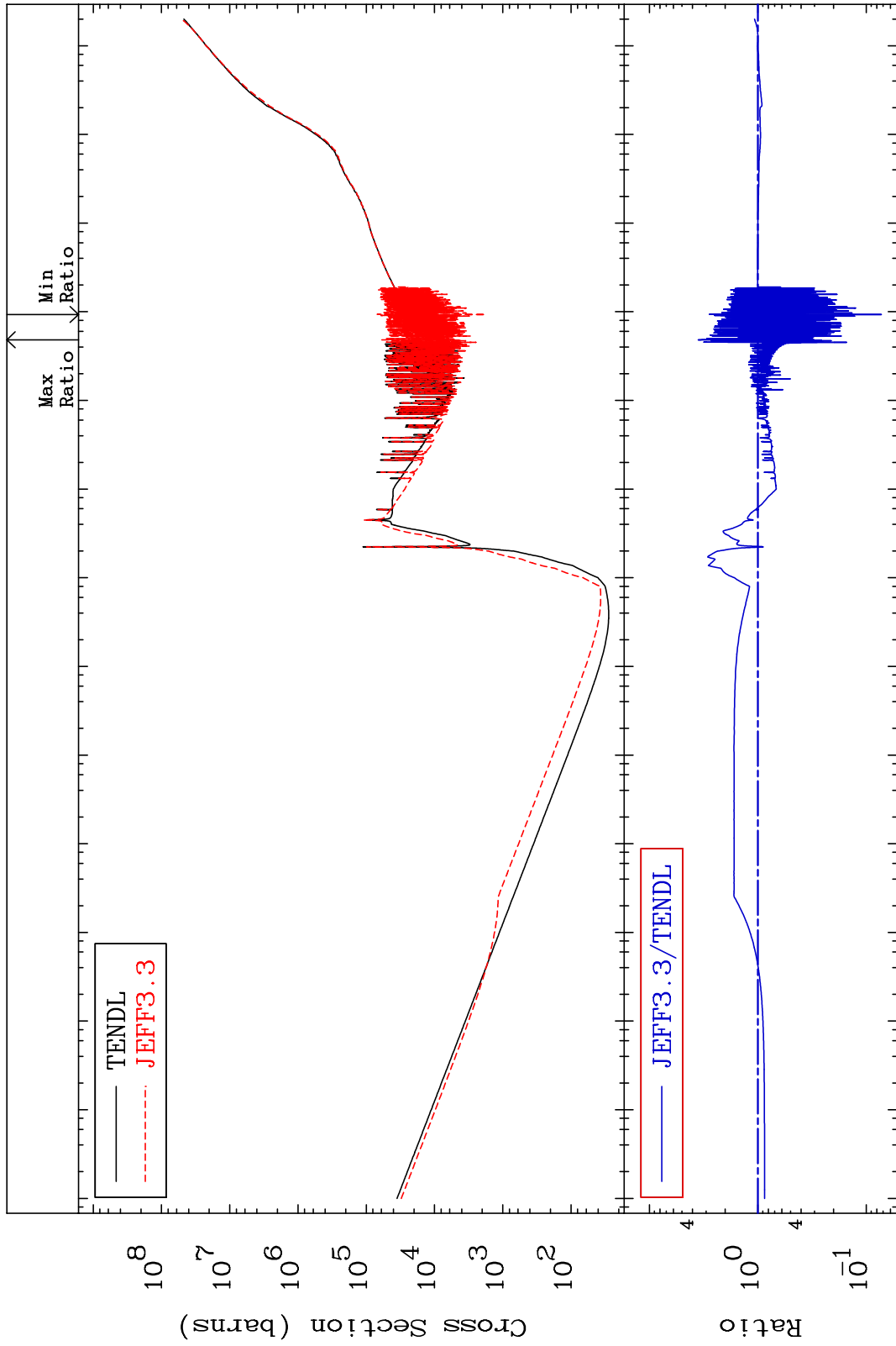
30-Zn-67

MAT 3034

Total kinematic kerma (high limit)
Cross Section

30-Zn-67

-92.76 To 253.5 %



76

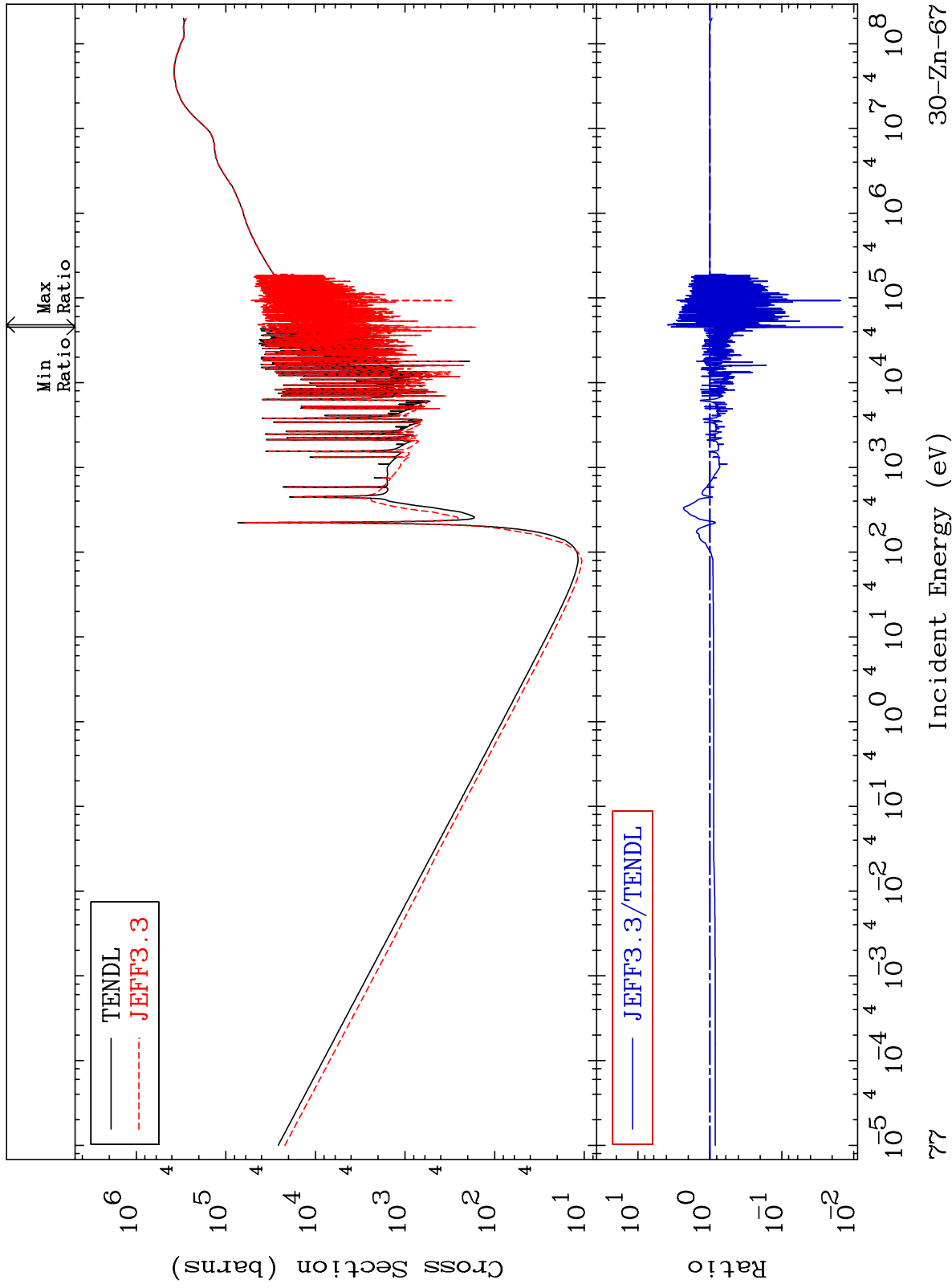
Incident Energy (eV)

30-Zn-67

MAT 3034

Dpa total (eV-barns)
Cross Section

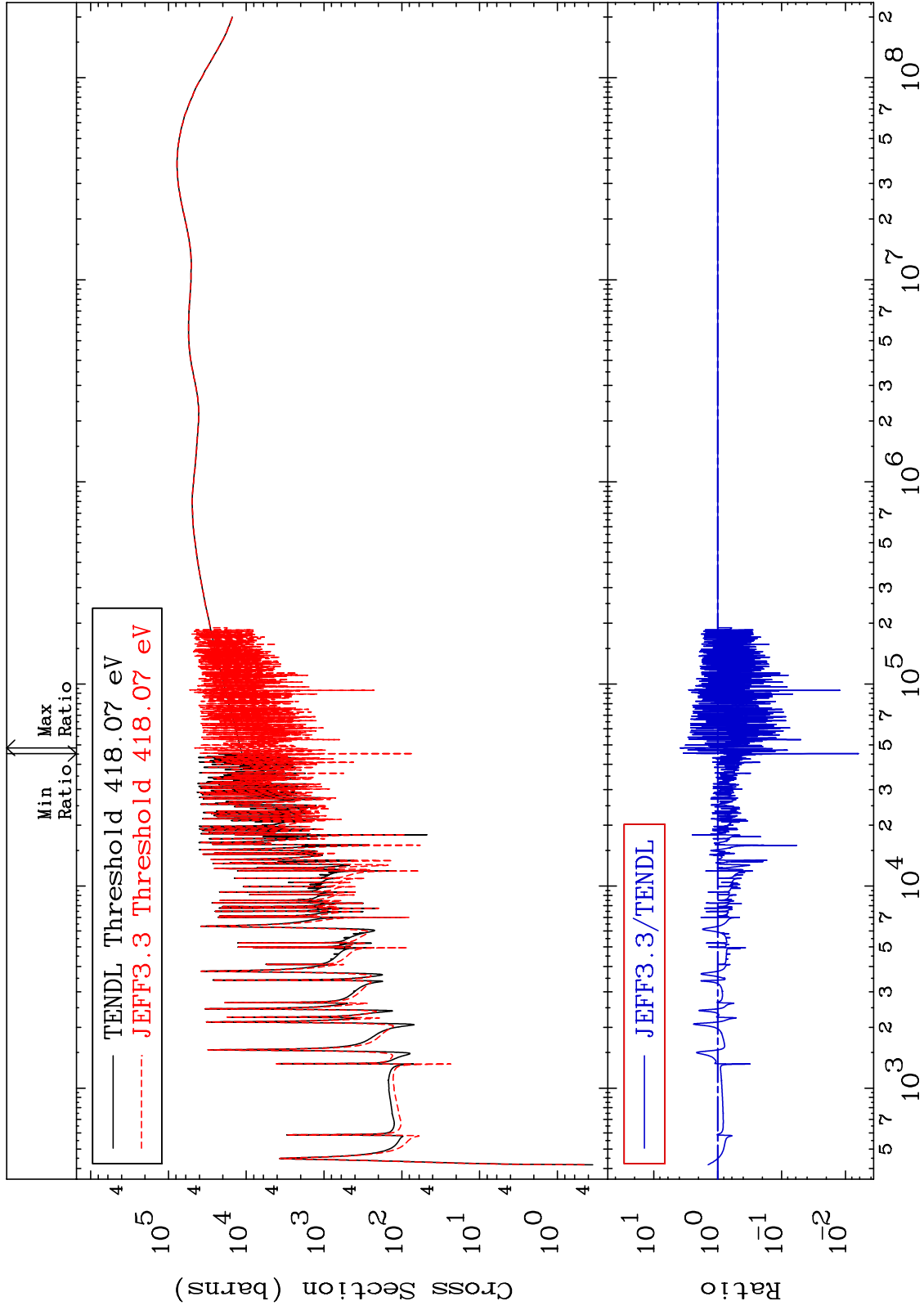
30-Zn-67
-98.58 To 286.8 %



MAT 3034

Dpa elastic (mt2)
Cross Section

30-Zn-67
-99.37 To 288.6 %



78

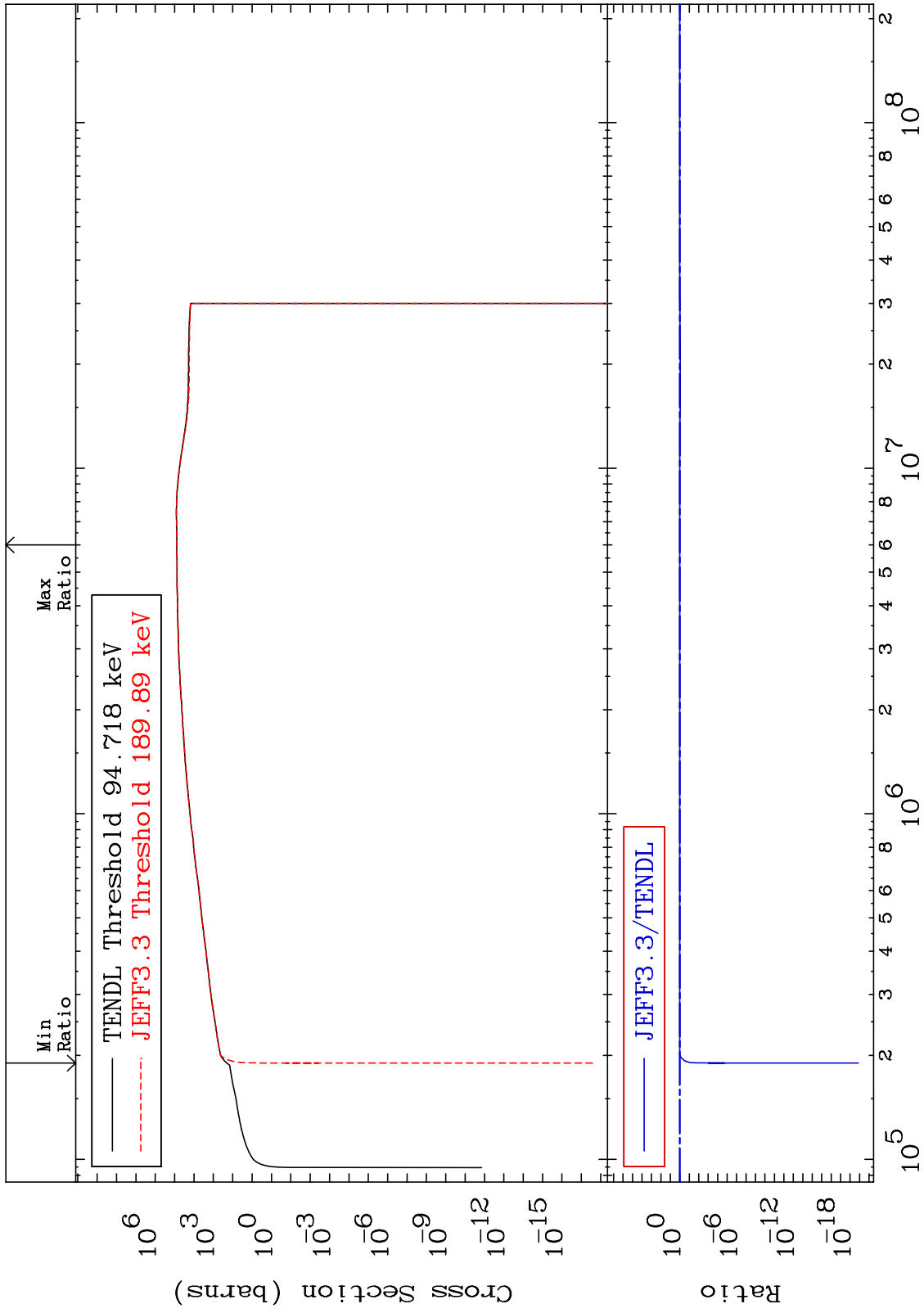
Incident Energy (eV)

30-Zn-67

MAT 3034

Dpa inelastic (mt51-91)
Cross Section

30-Zn-67
-100.0 To 0.230 %



79

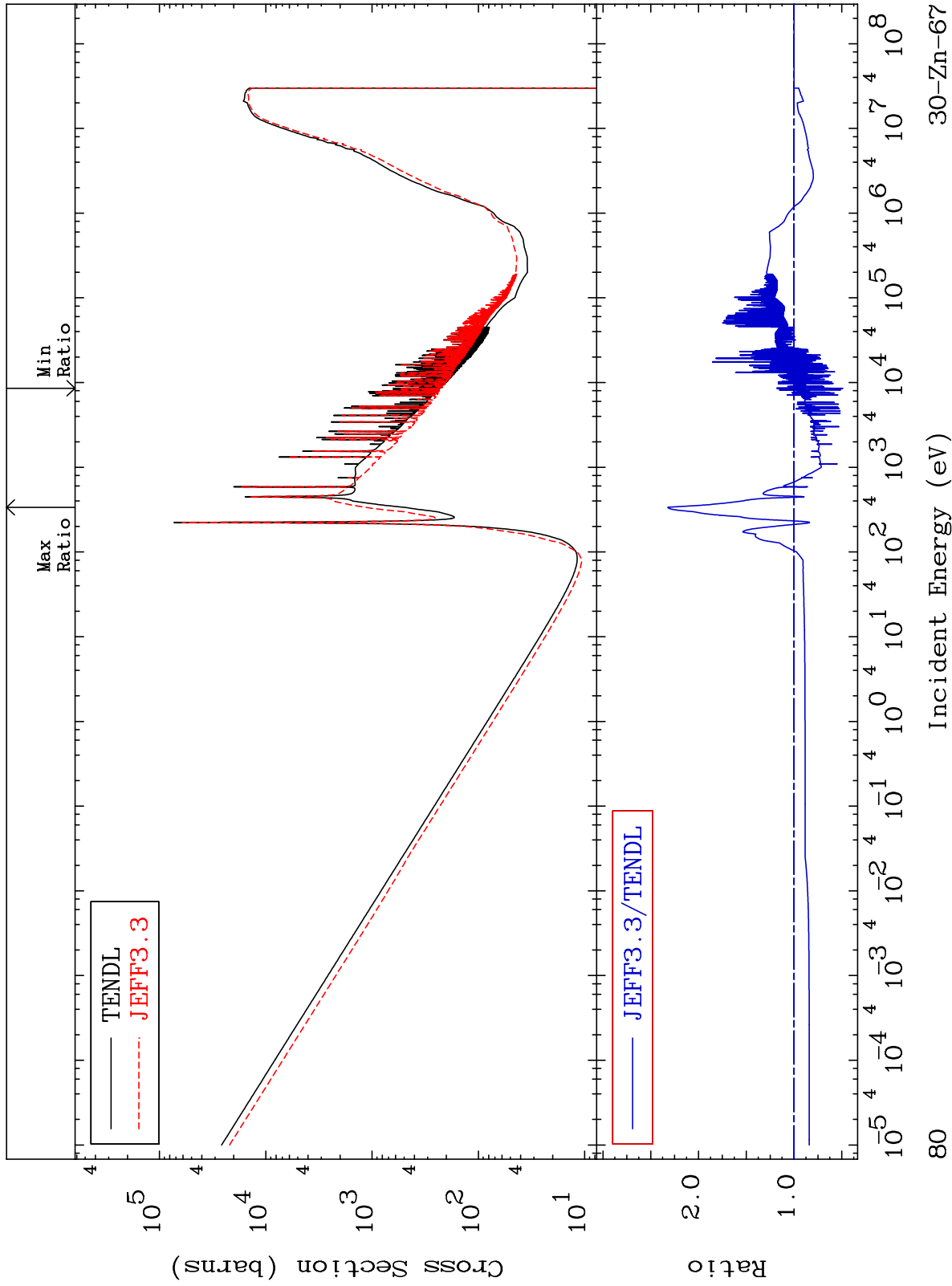
Incident Energy (eV)

30-Zn-67

MAT 3034

Dpa disappearance (mt102 -120)
Cross Section

30-Zn-67
-50.90 To 132.4 %

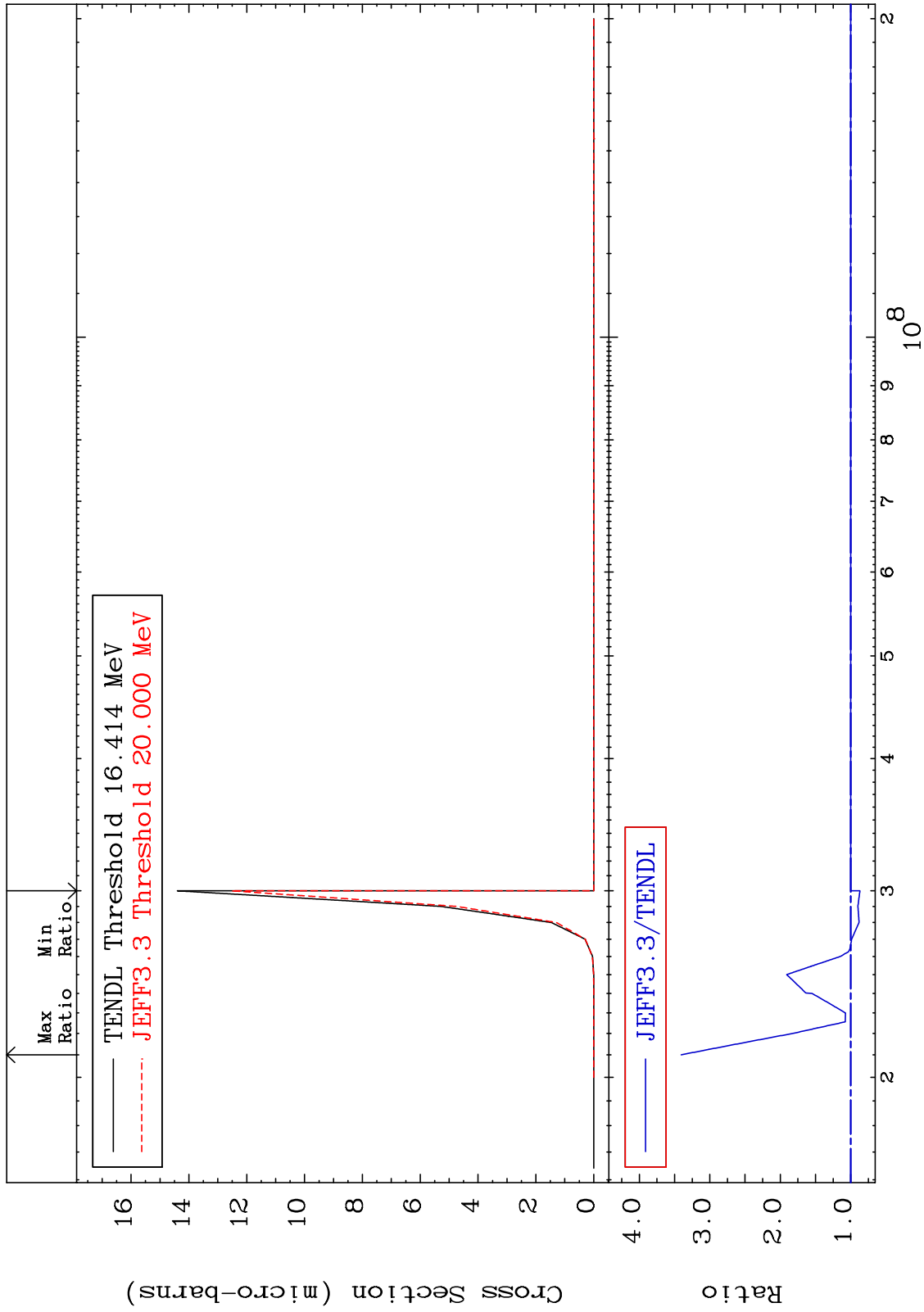


MAT 3034

30-Zn-67

(n, n') p α :27-Co-62g

Radionuclide Production Cross Section -13.02 To 240.6 %

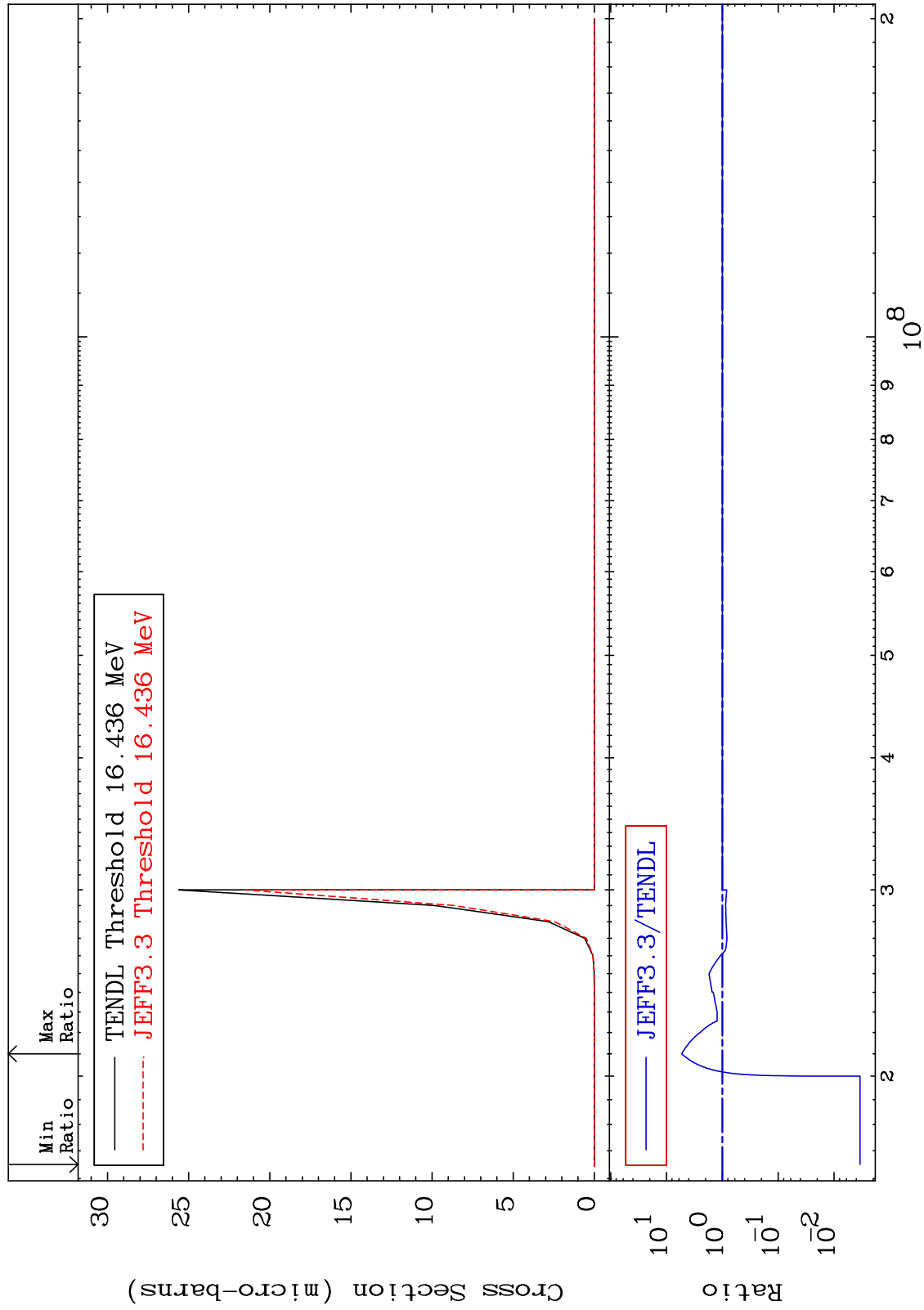


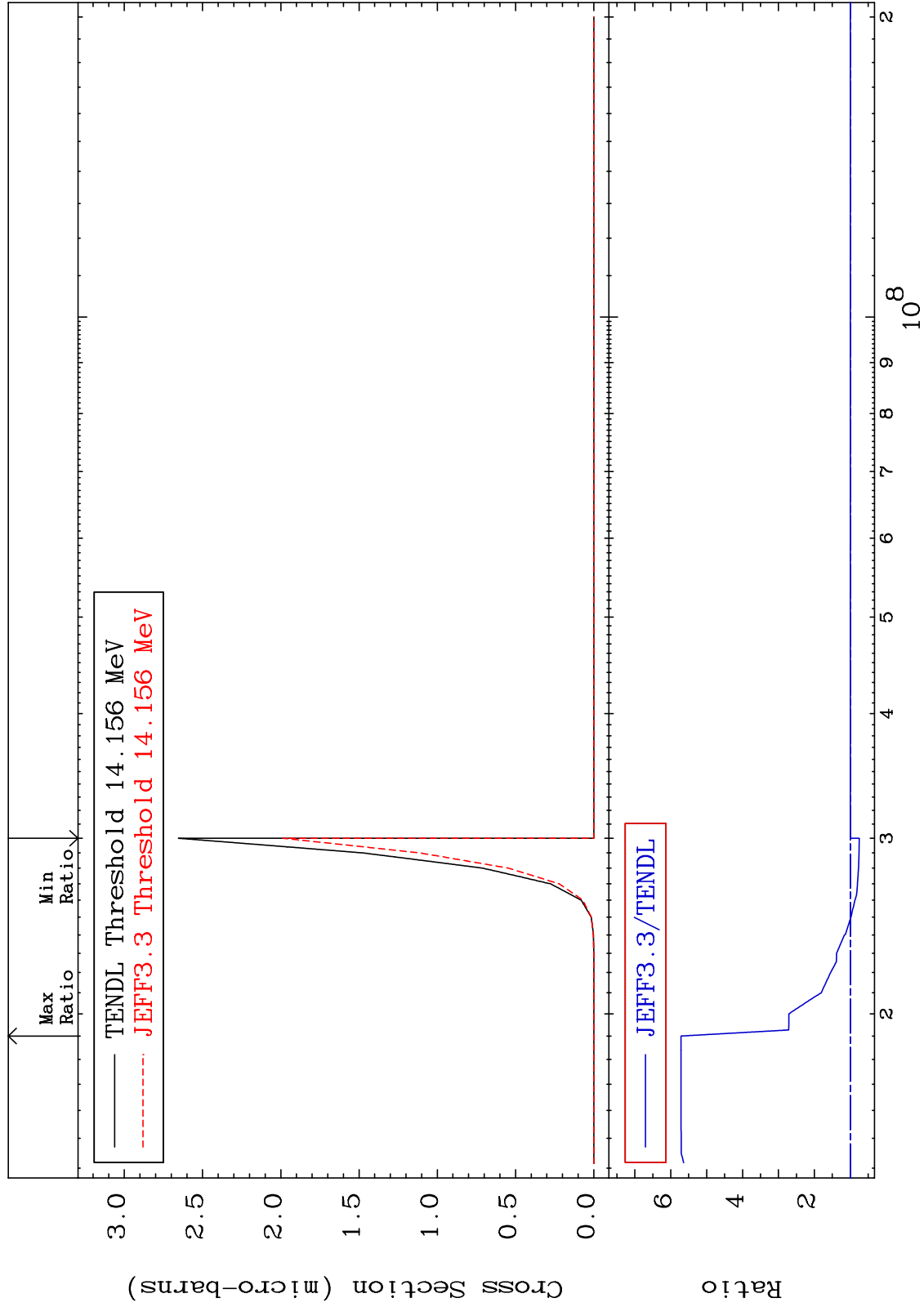
MAT 3034

(n, n') p α :27-Co-62m1

30-Zn-67

Radionuclide Production Cross Section -99.66 To 437.5 %





MAT 3034

(n, d) α :27-Co-62m1

30-Zn-67

Radionuclide Production Cross Section -25.51 To 524.8 %

