

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

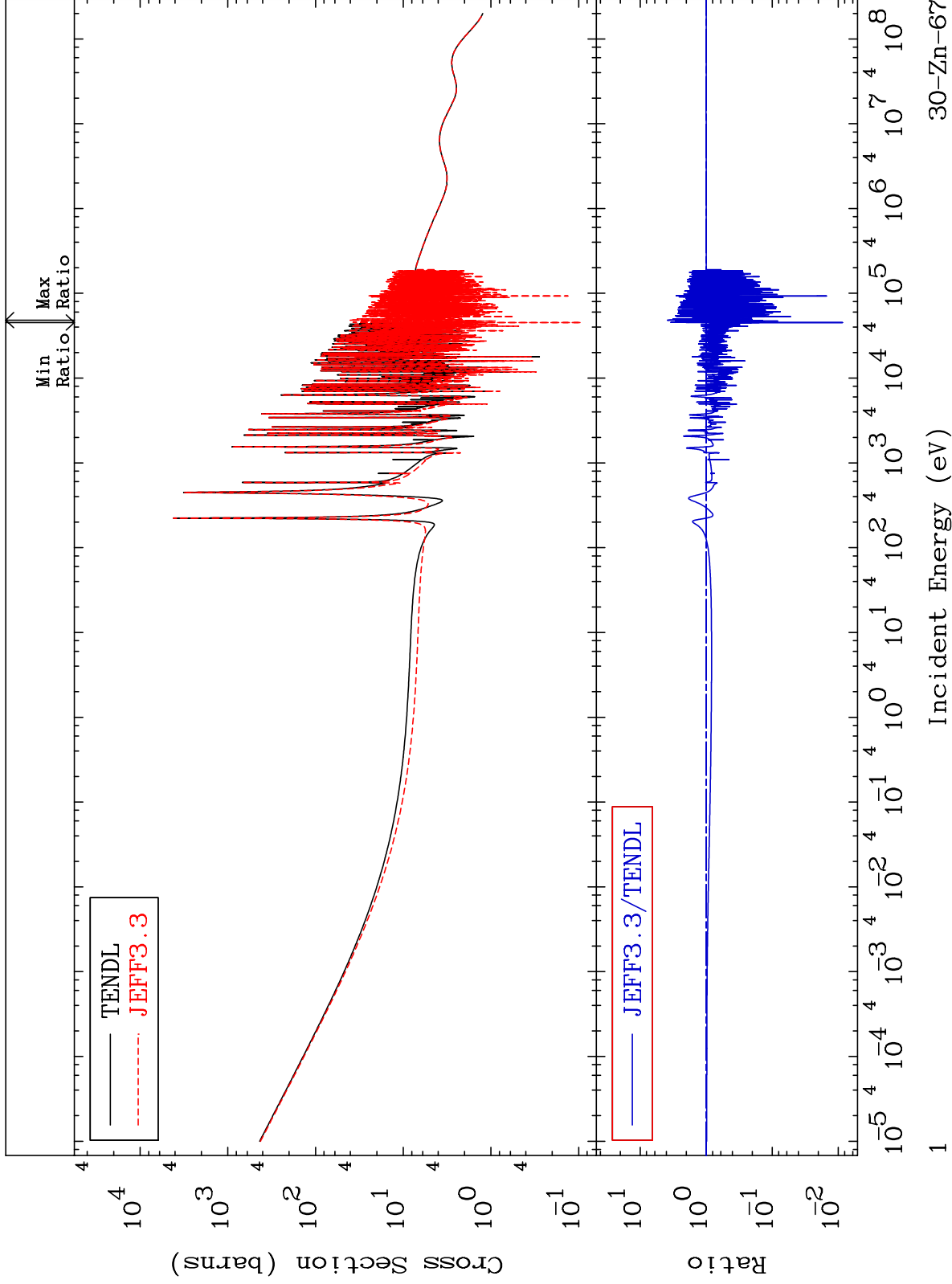
MAT 3034

Total

Cross Section

30-Zn-67

-99.14 To 287.8 %



Incident Energy (eV)

30-Zn-67

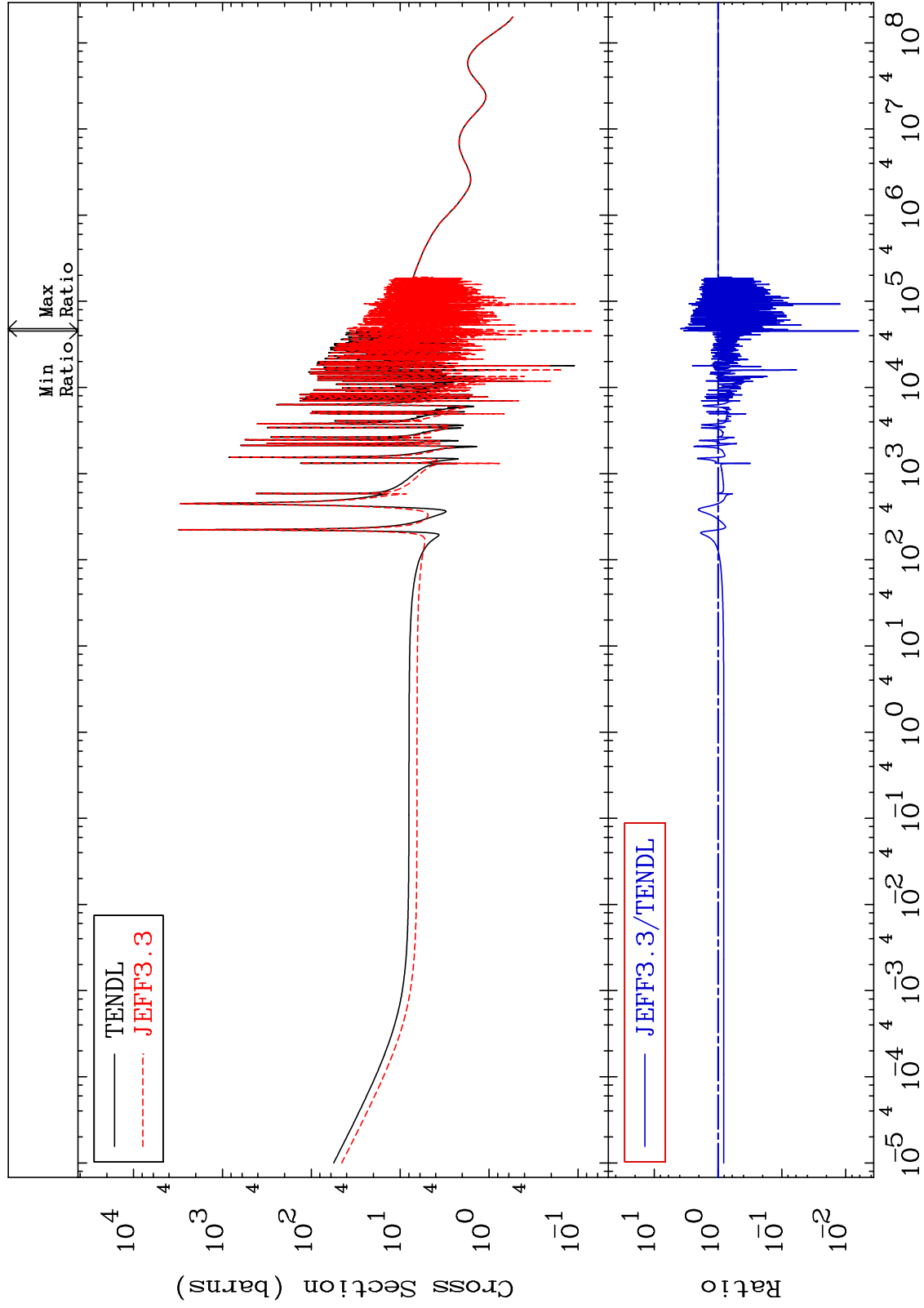
MAT 3034

Elastic

Cross Section

30-Zn-67

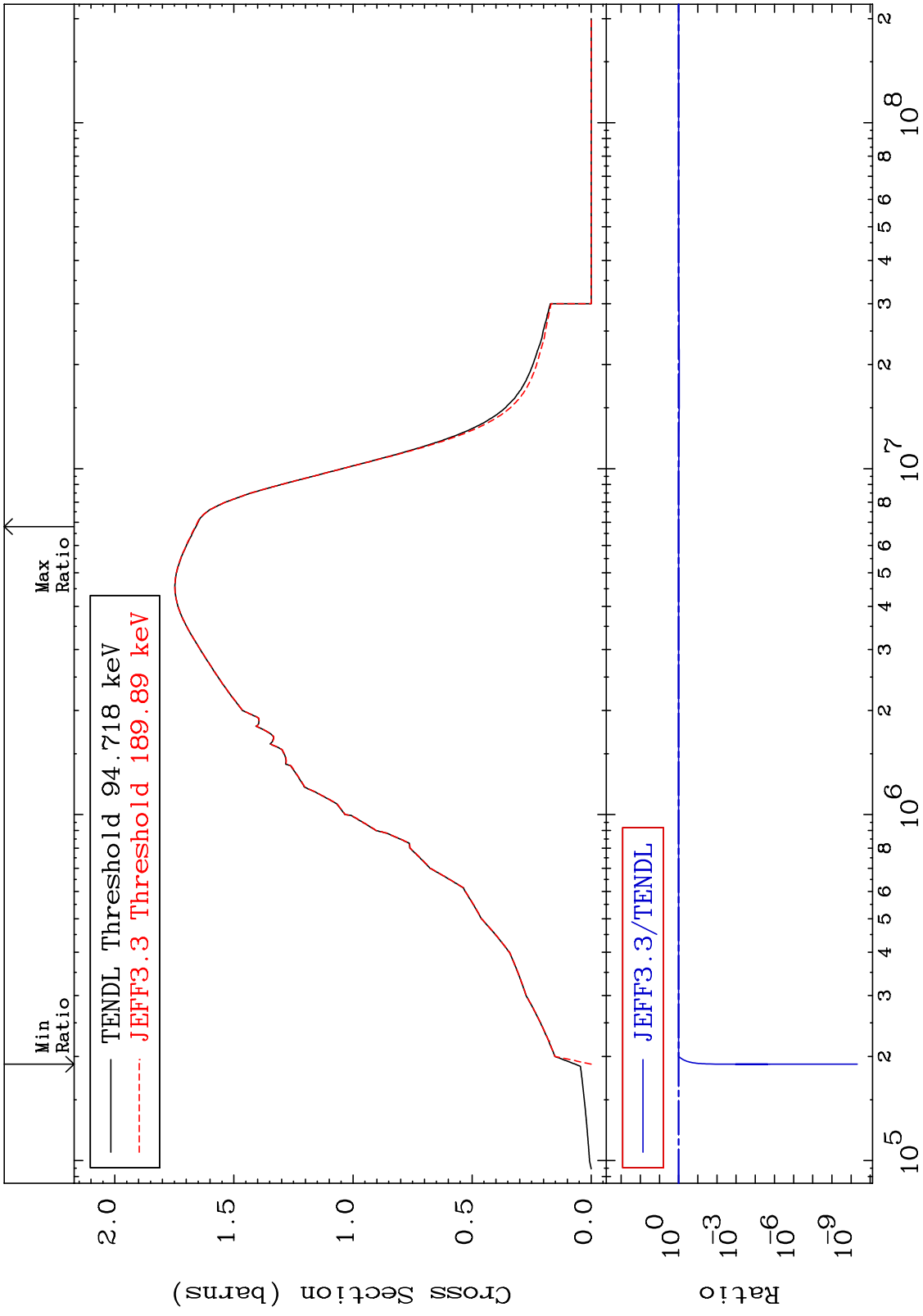
-99.37 To 288.3 %



MAT 3034

Inelastic
Cross Section

30-Zn-67
-100.0 To 0.133 %



30-Zn-67

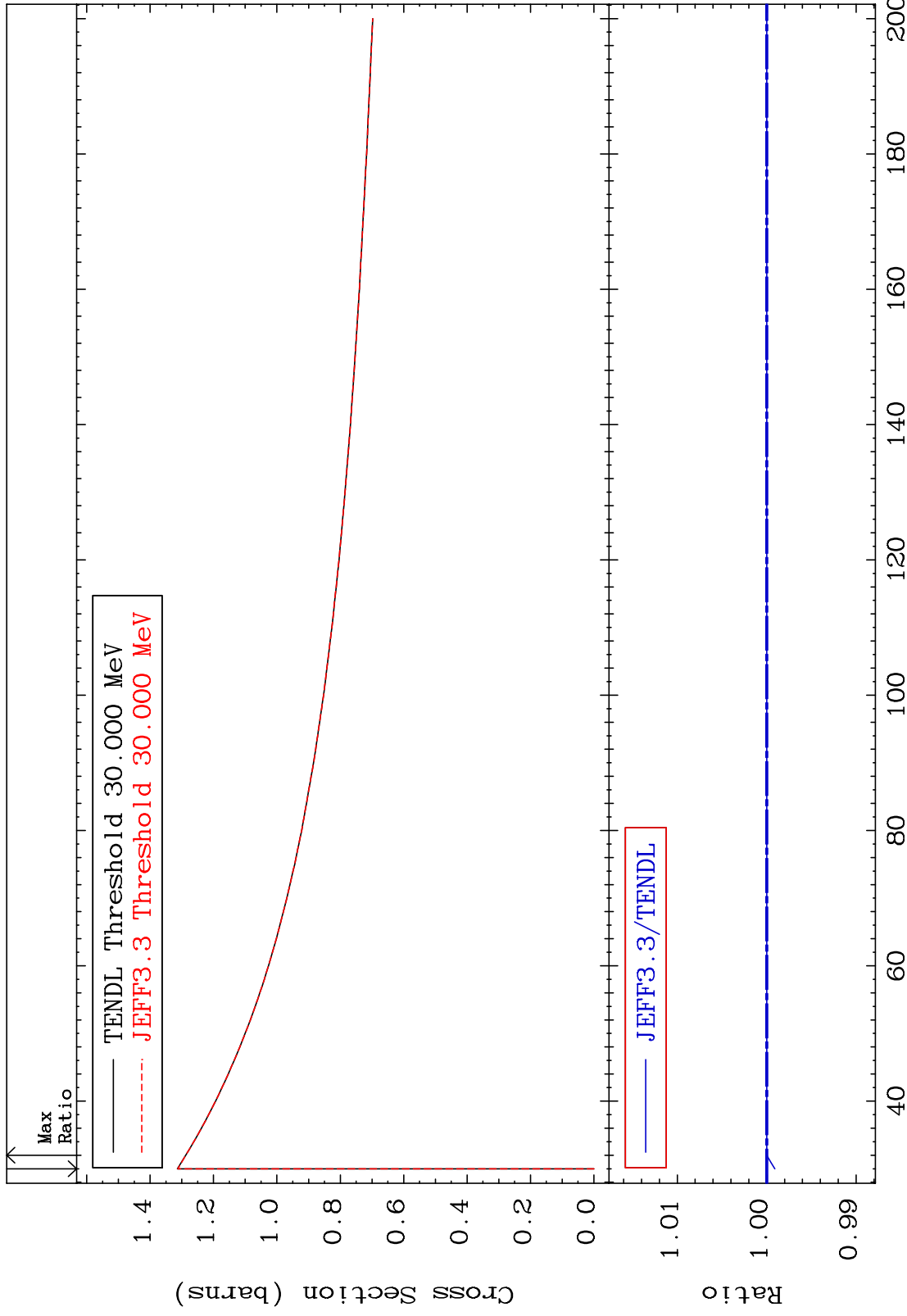
Incident Energy (eV)

3

MAT 3034

(n, remainder)
Cross Section

30-Zn-67
-0.091 To 0.000 %



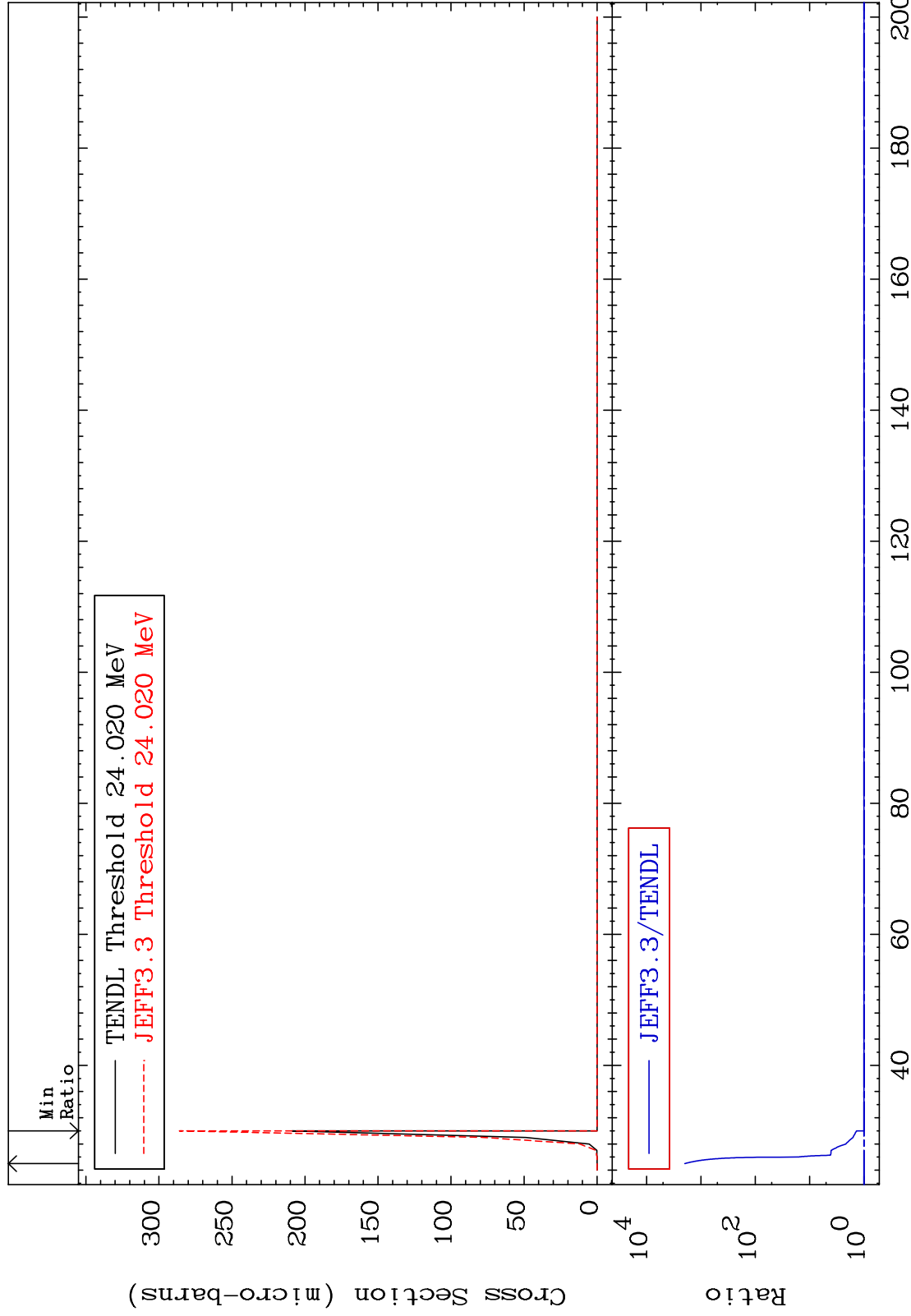
MAT 3034

(n,2n) d

30-Zn-67

Cross Section

0.000 To 9999. %



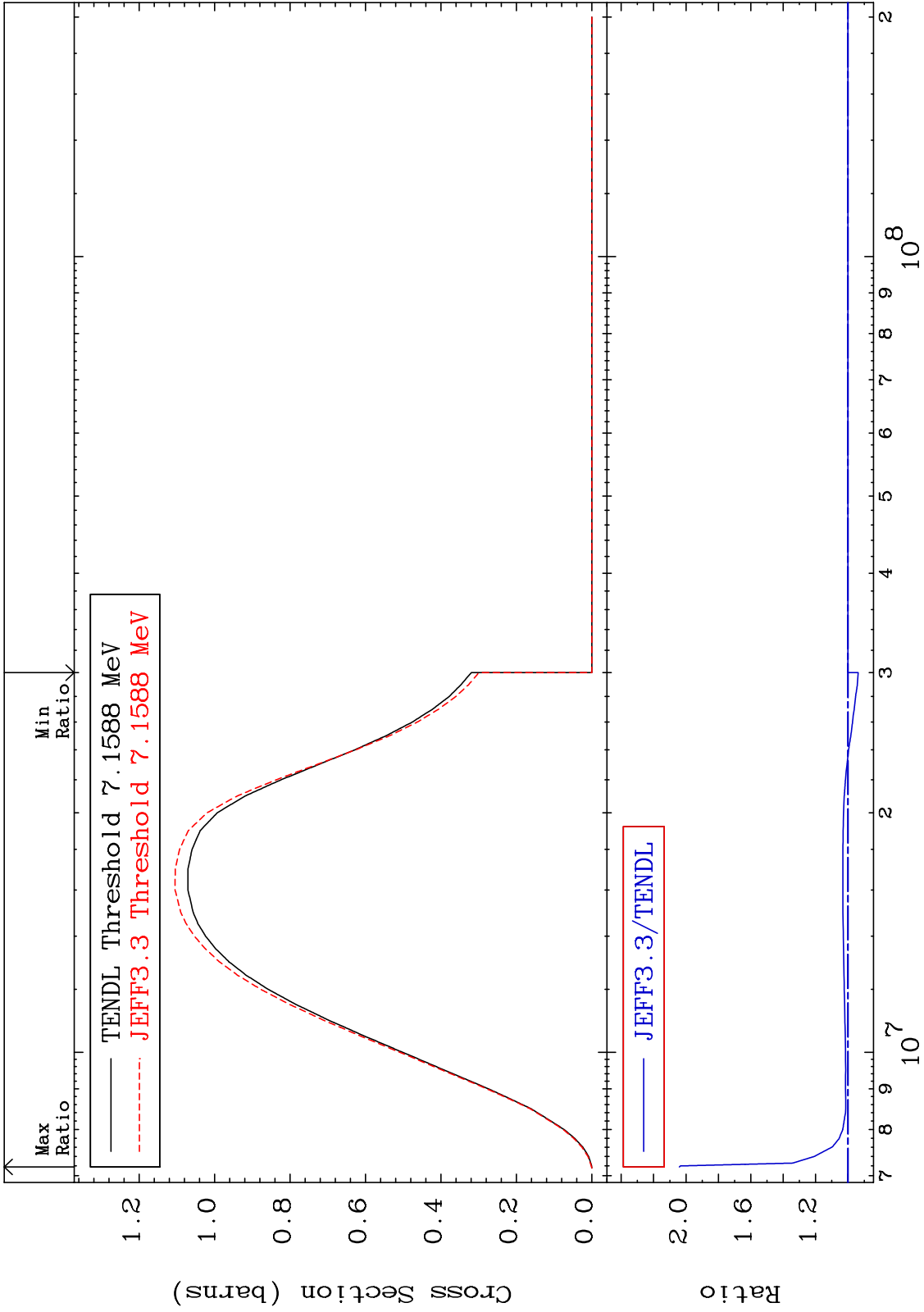
MAT 3034

(n,2n)

30-Zn-67

Cross Section

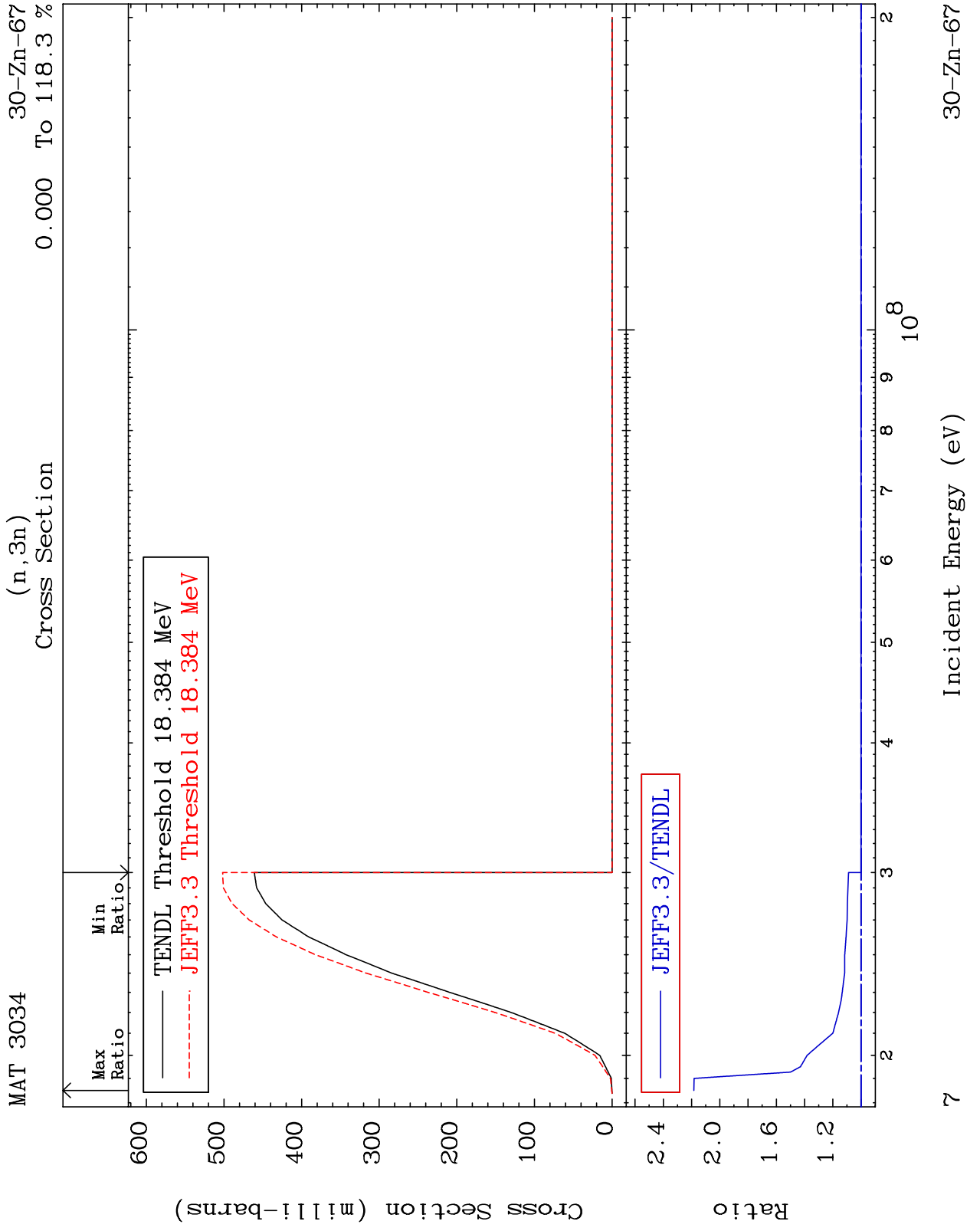
-6.315 To 104.1 %



6

Incident Energy (eV)

30-Zn-67



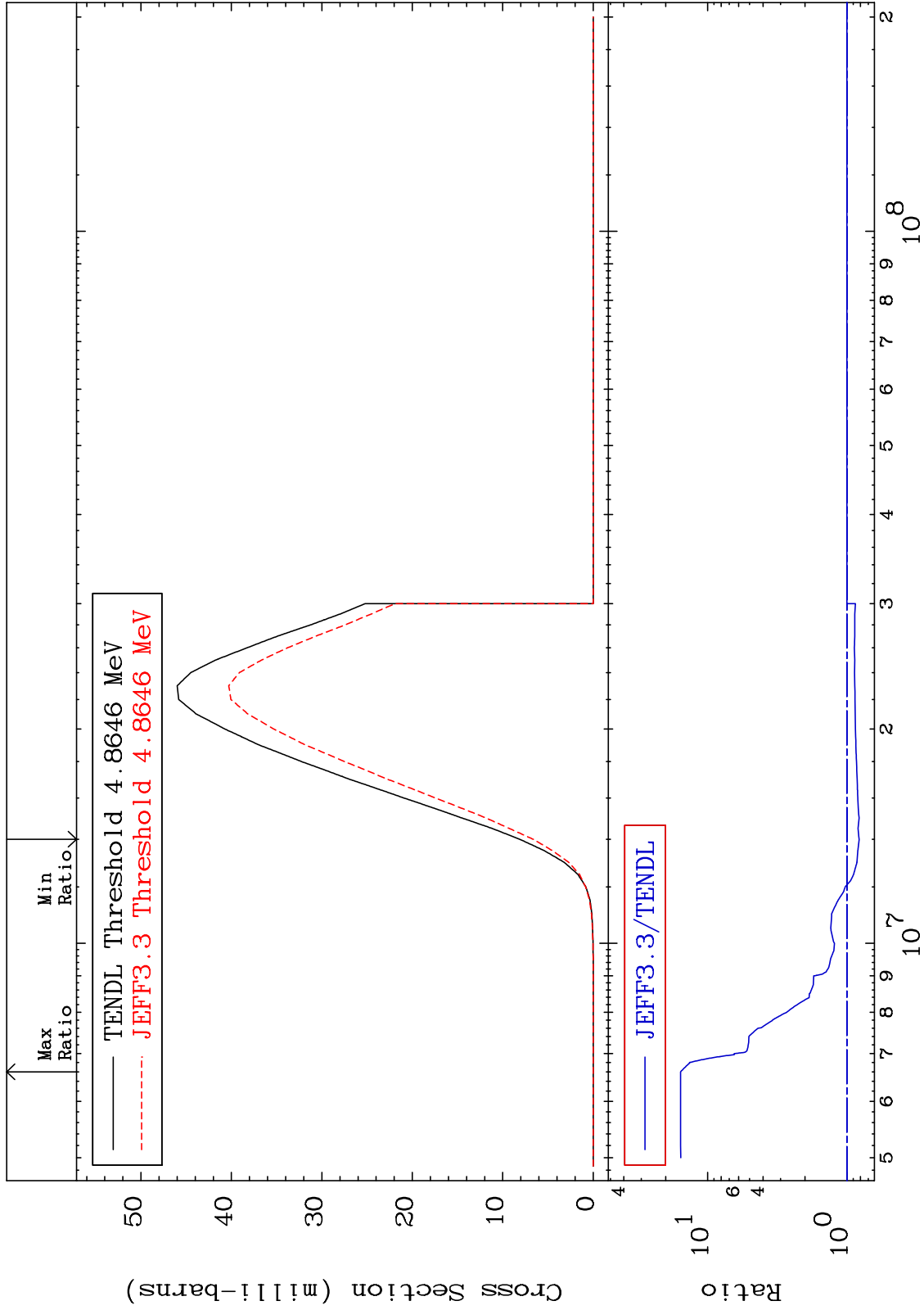
MAT 3034

$(n, n') \alpha$

30-Zn-67

Cross Section

-18.45 To 1465. %



8

Incident Energy (eV)

30-Zn-67

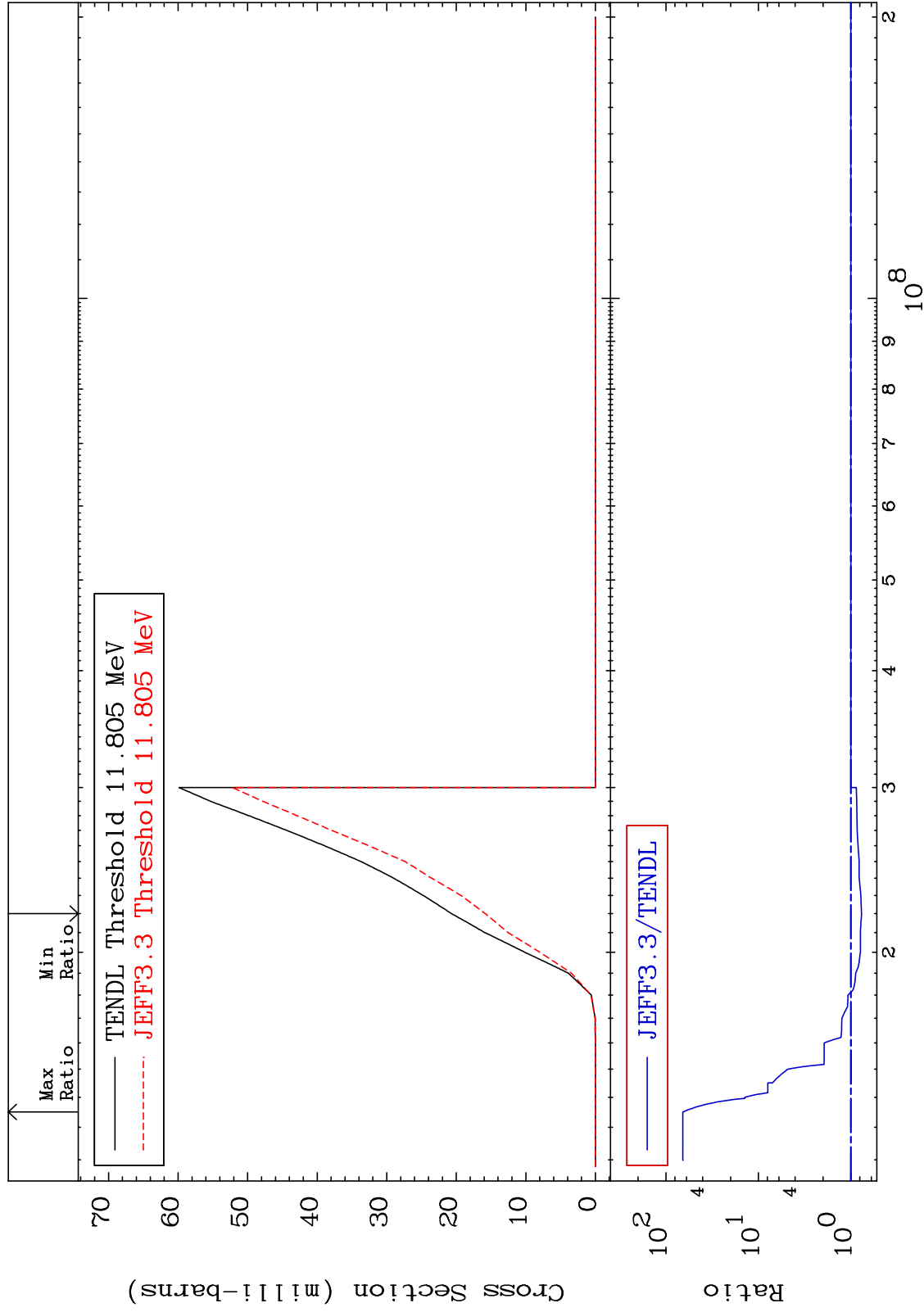
MAT 3034

(n,2n) α

30-Zn-67

Cross Section

-23.42 To 6458. %



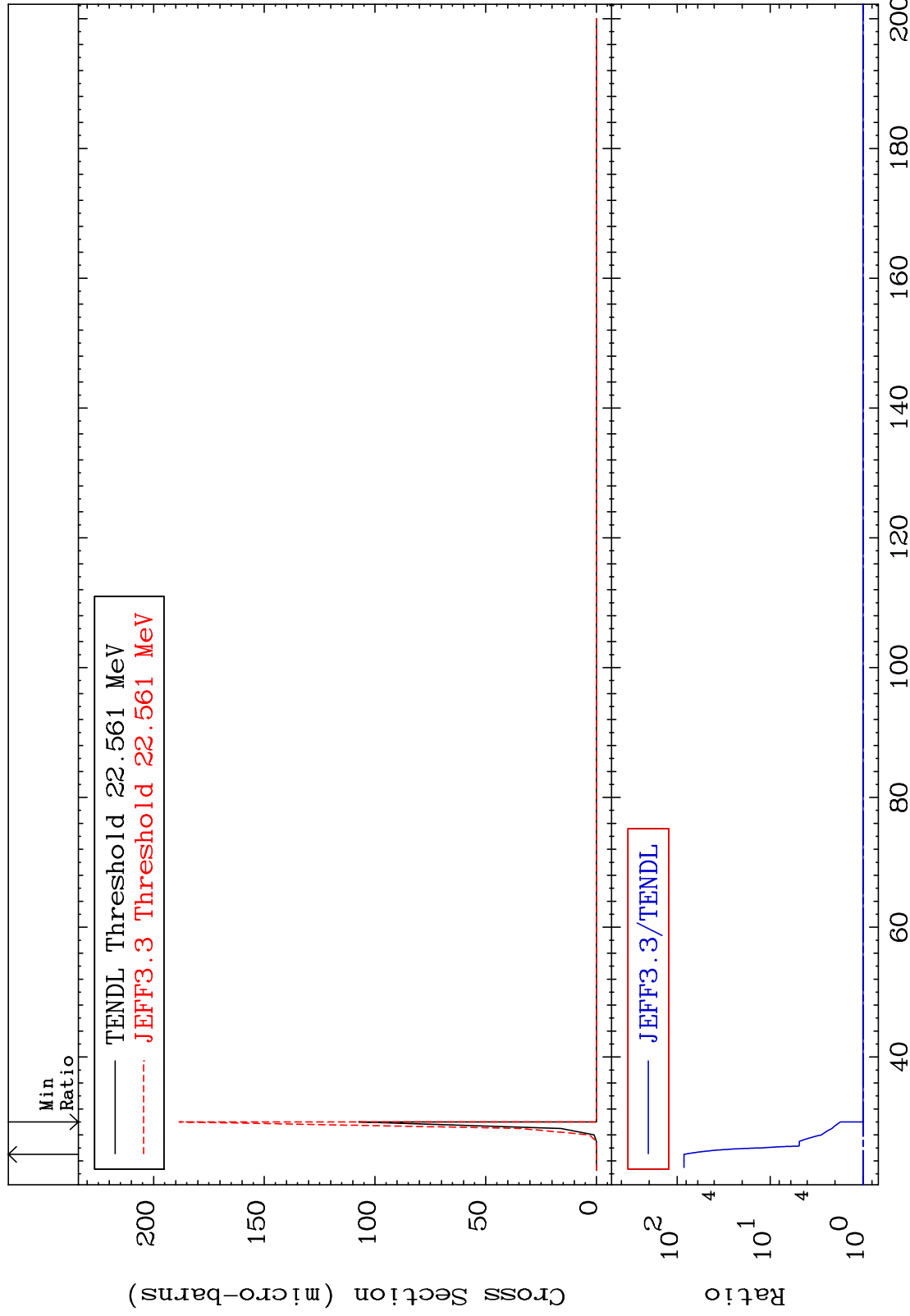
MAT 3034

(n, 3n) α

30-Zn-67

Cross Section

0.000 To 8350. %



10

Incident Energy (MeV)

30-Zn-67

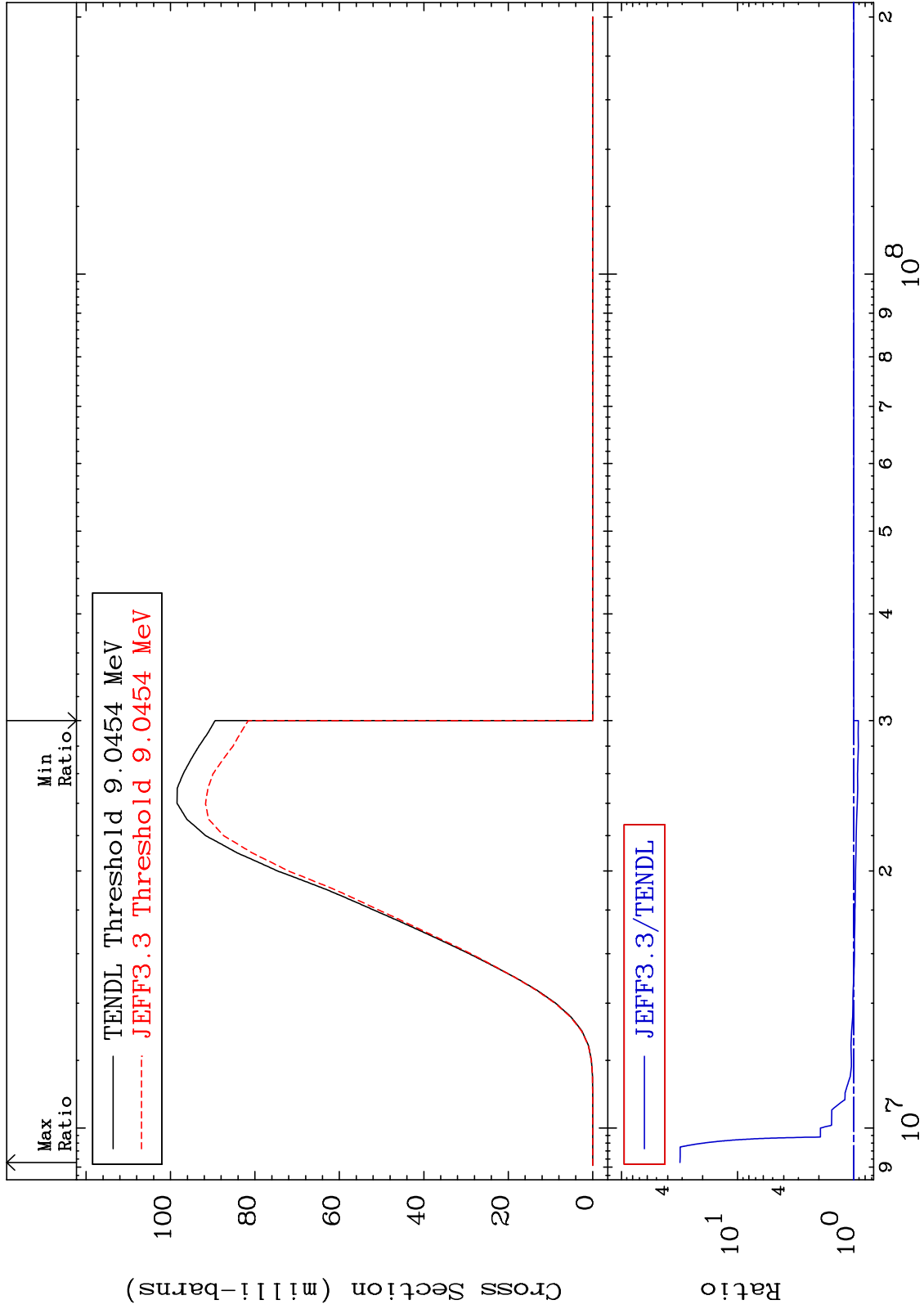
MAT 3034

(n,n') p

30-Zn-67

Cross Section

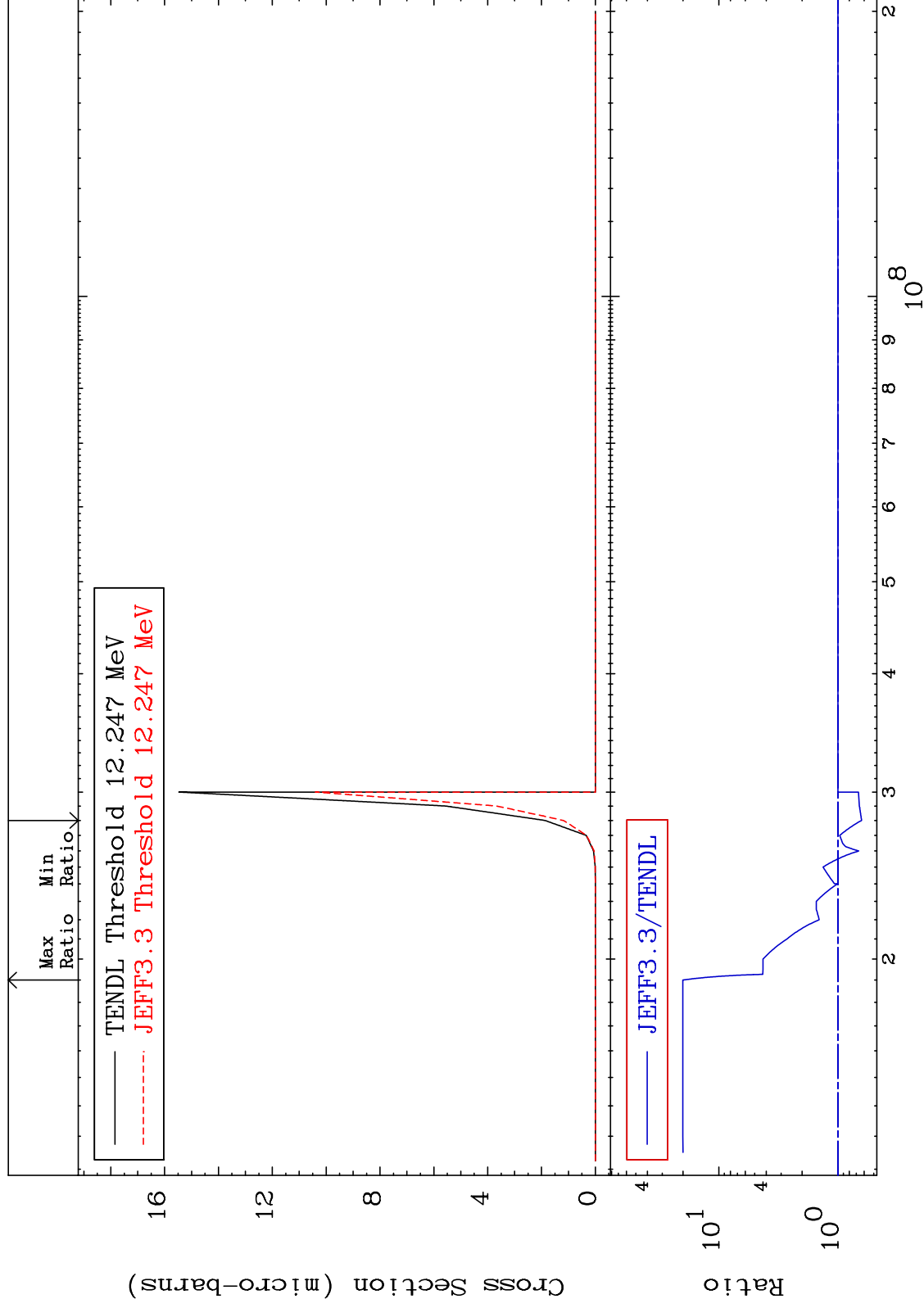
-8.780 To 3031. %



MAT 3034

(n,n') 2α
Cross Section

30-Zn-67
-36.81 To 1909. %



12

Incident Energy (eV)

30-Zn-67

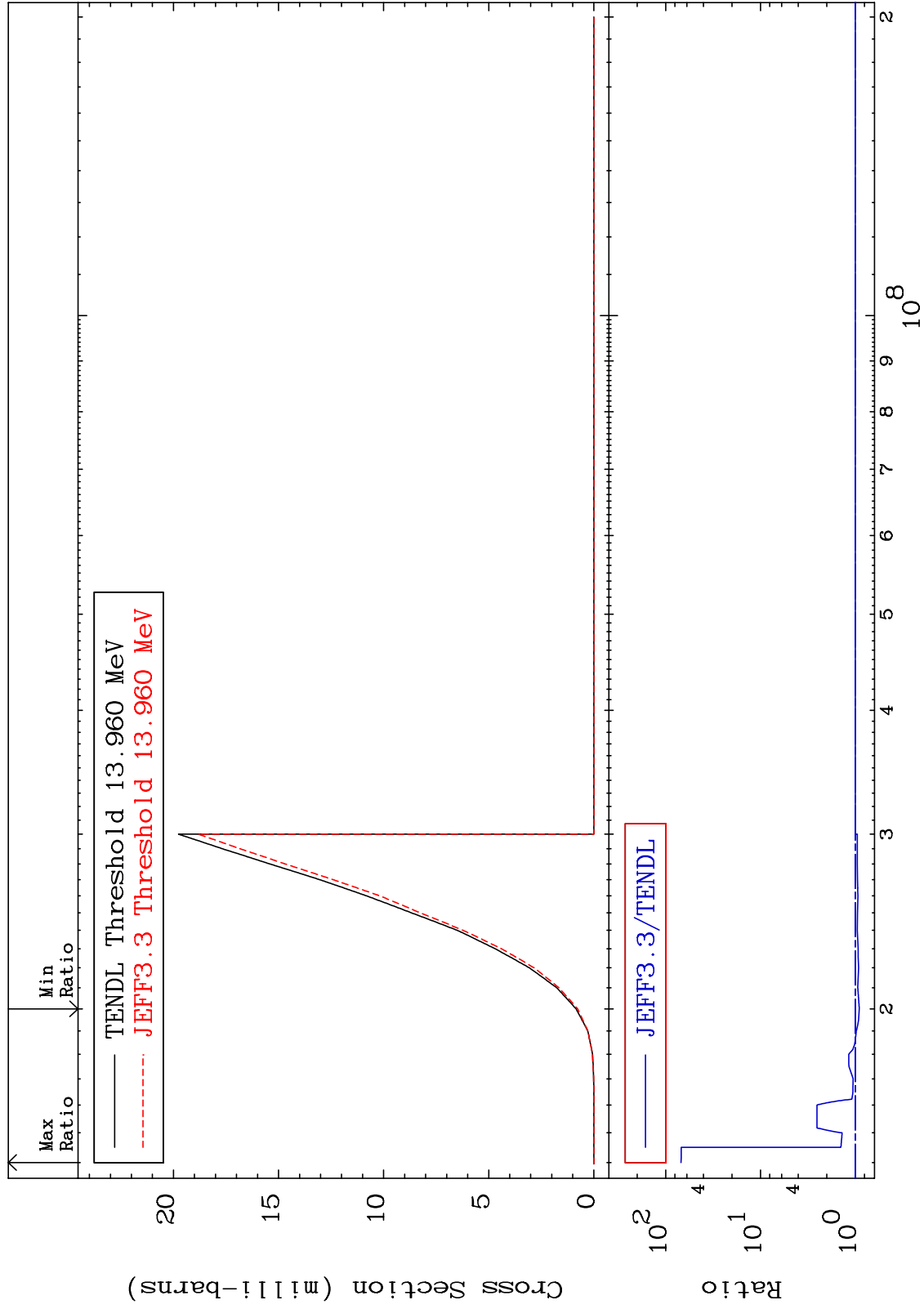
MAT 3034

(n, n') d

³⁰Zn-67

Cross Section

-9.061 To 6796. %



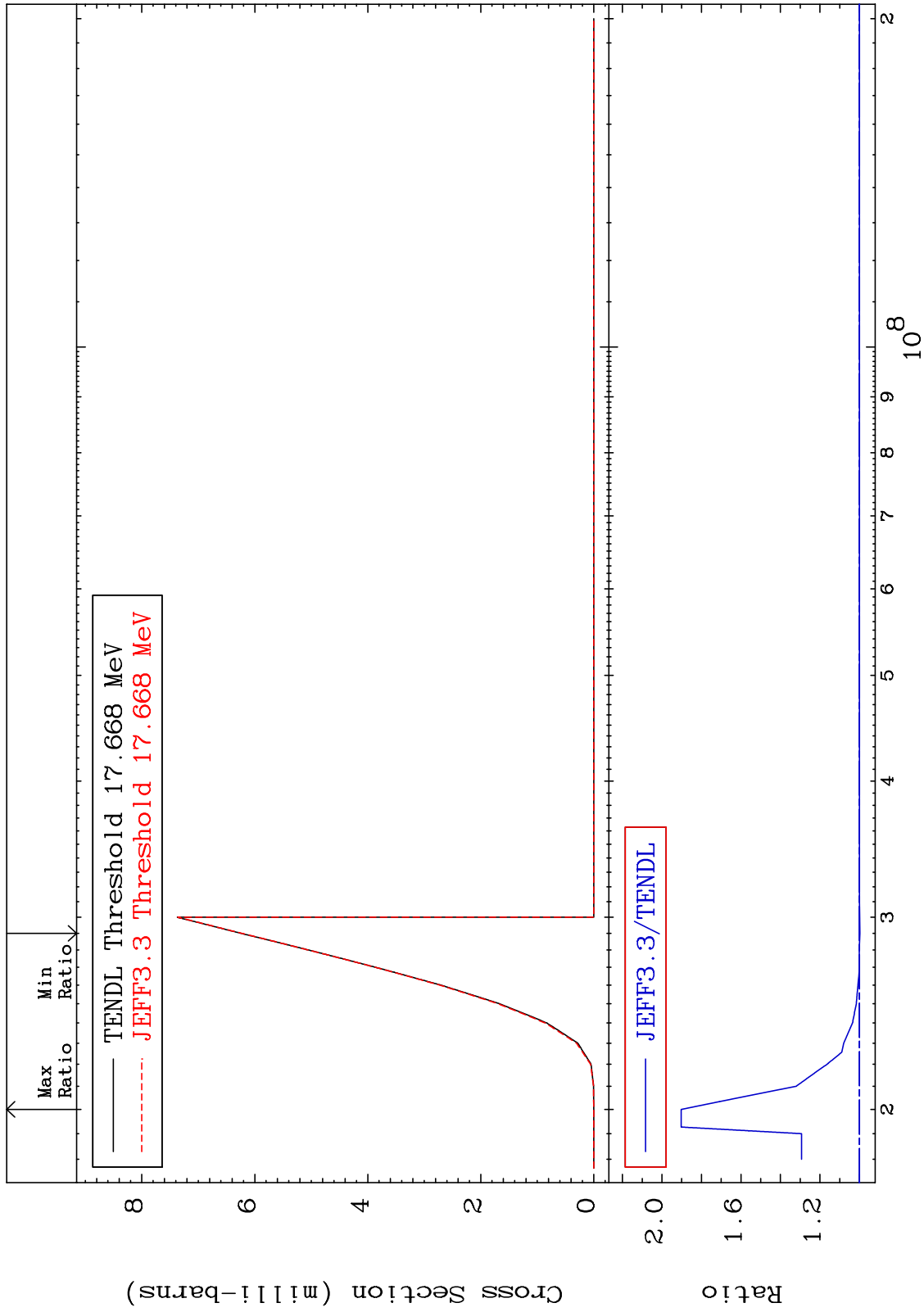
MAT 3034

(n,n') t

30-Zn-67

Cross Section

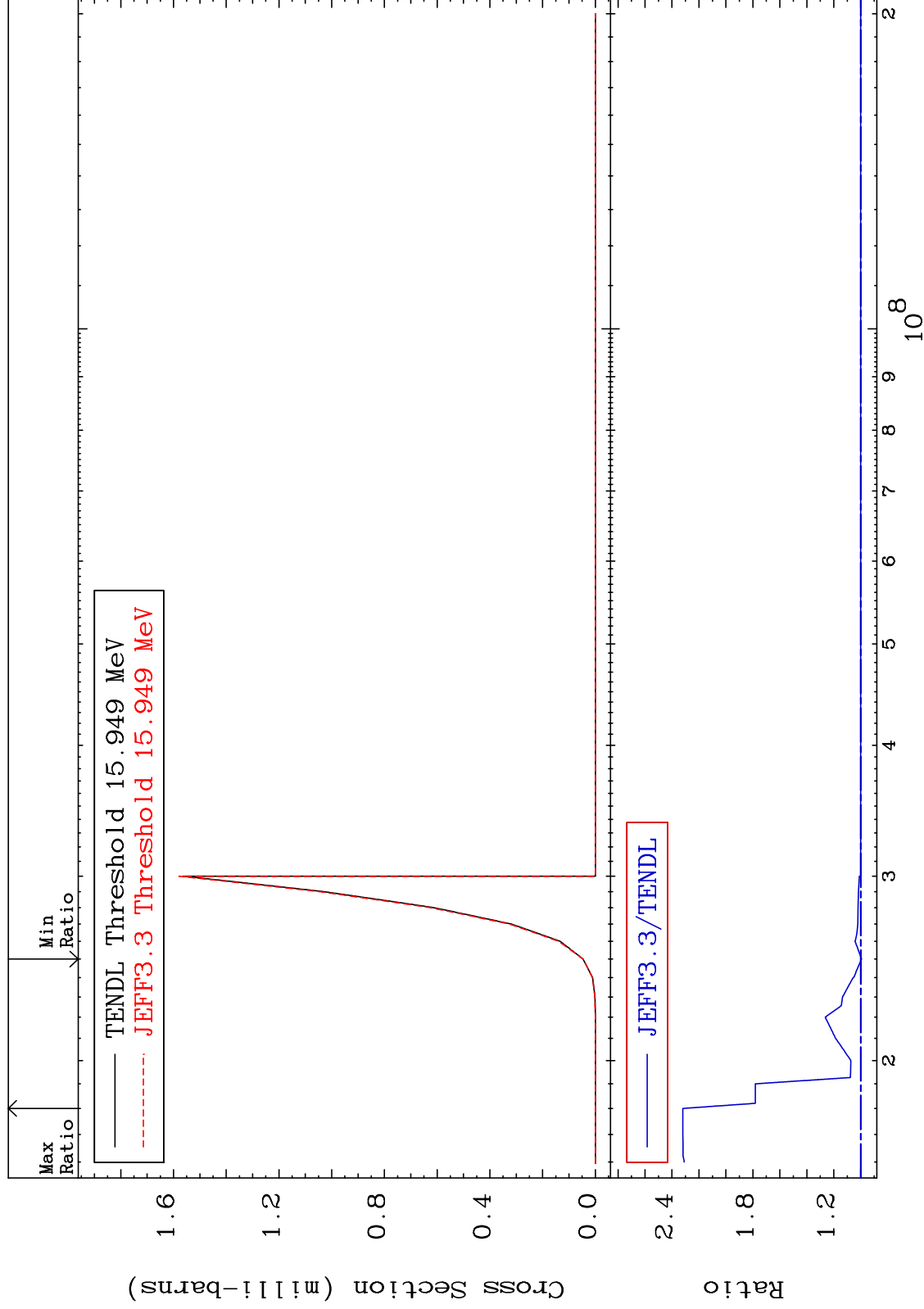
-0.243 To 90.24 %



MAT 3034

(n, n') He-3
Cross Section

30-Zn-67
-0.606 To 131.9 %



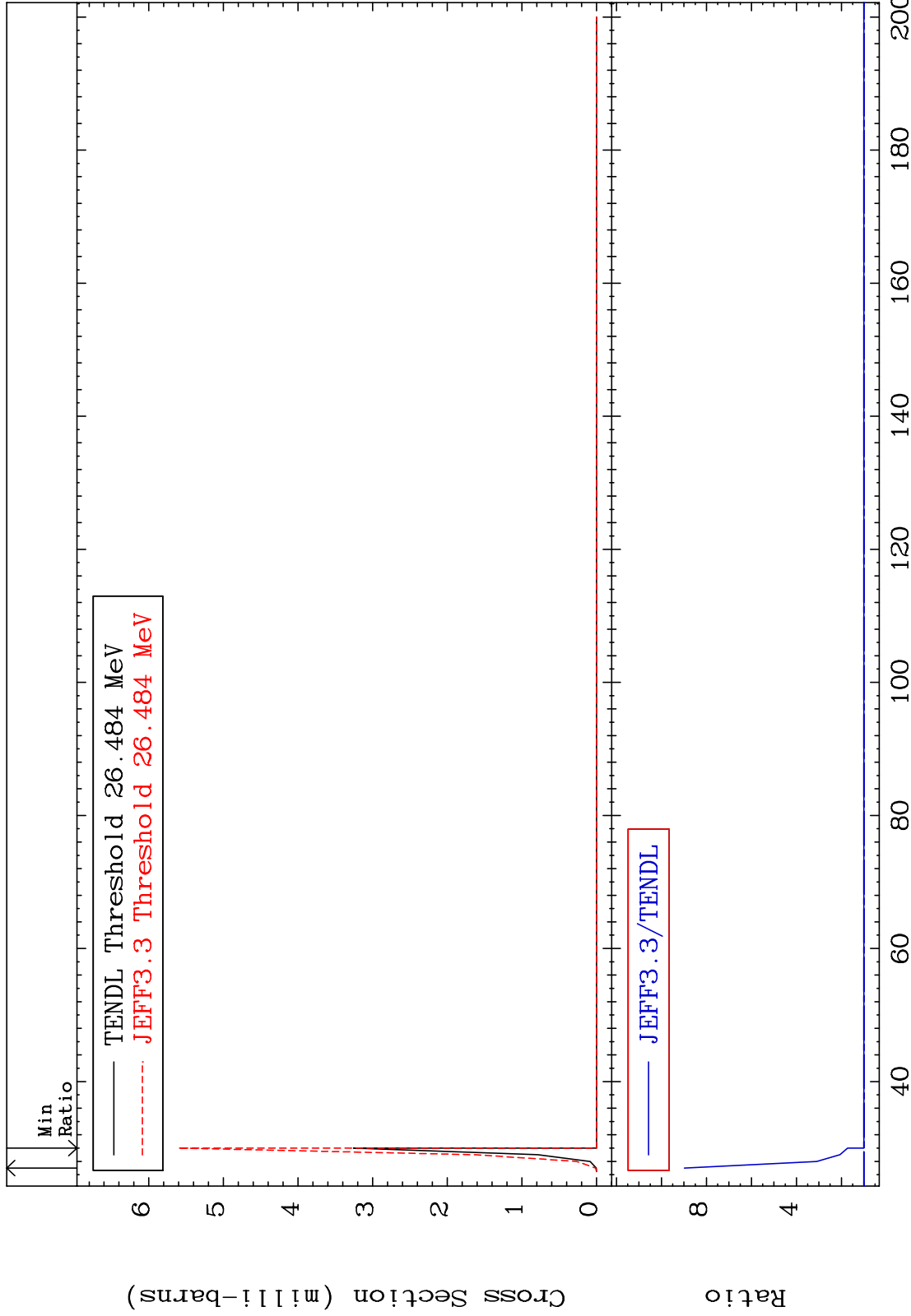
MAT 3034

(n, 4n)

30-Zn-67

Cross Section

0.000 To 798.1 %



Incident Energy (MeV)

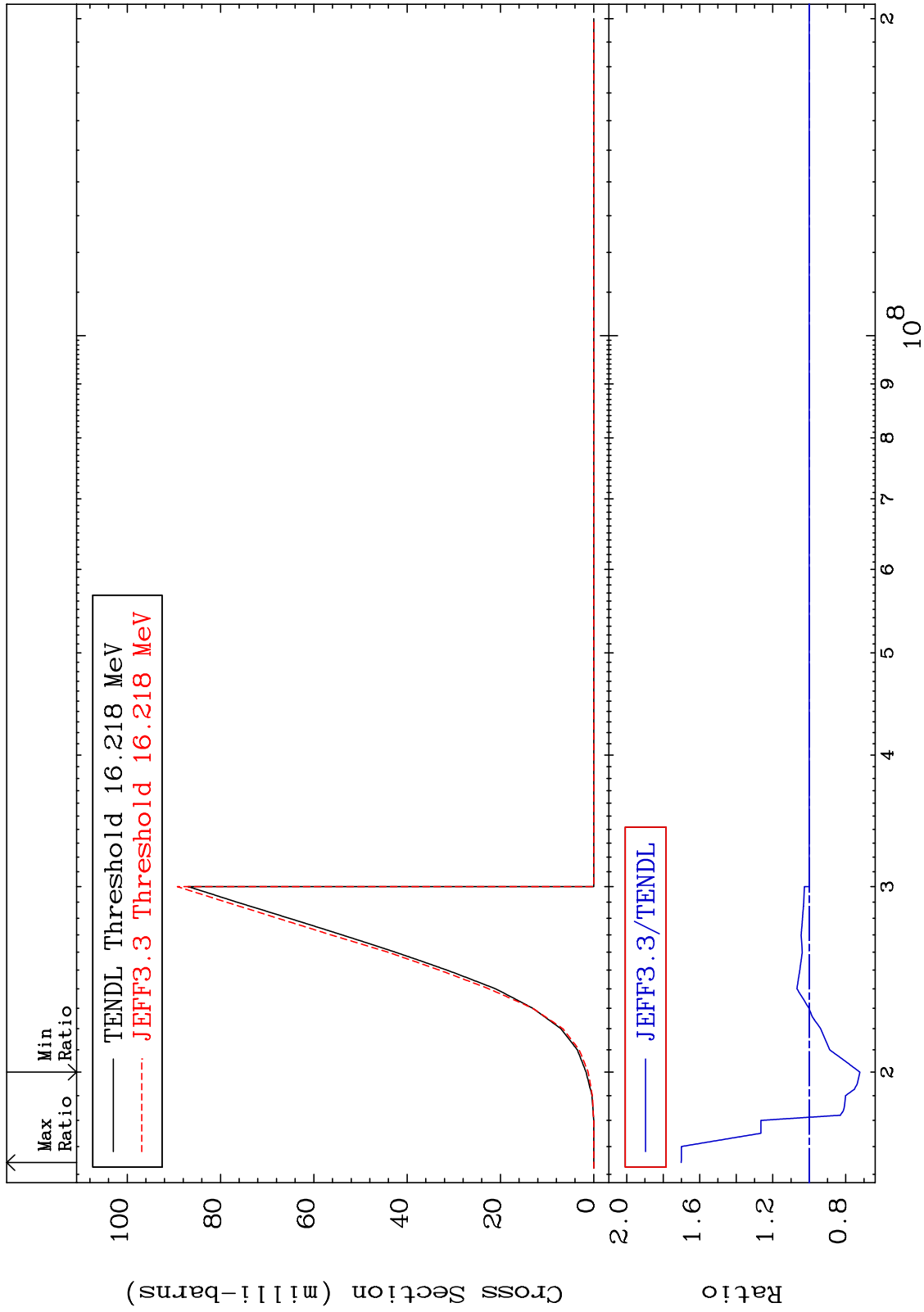
16

30-Zn-67

MAT 3034

(n,2n) p
Cross Section

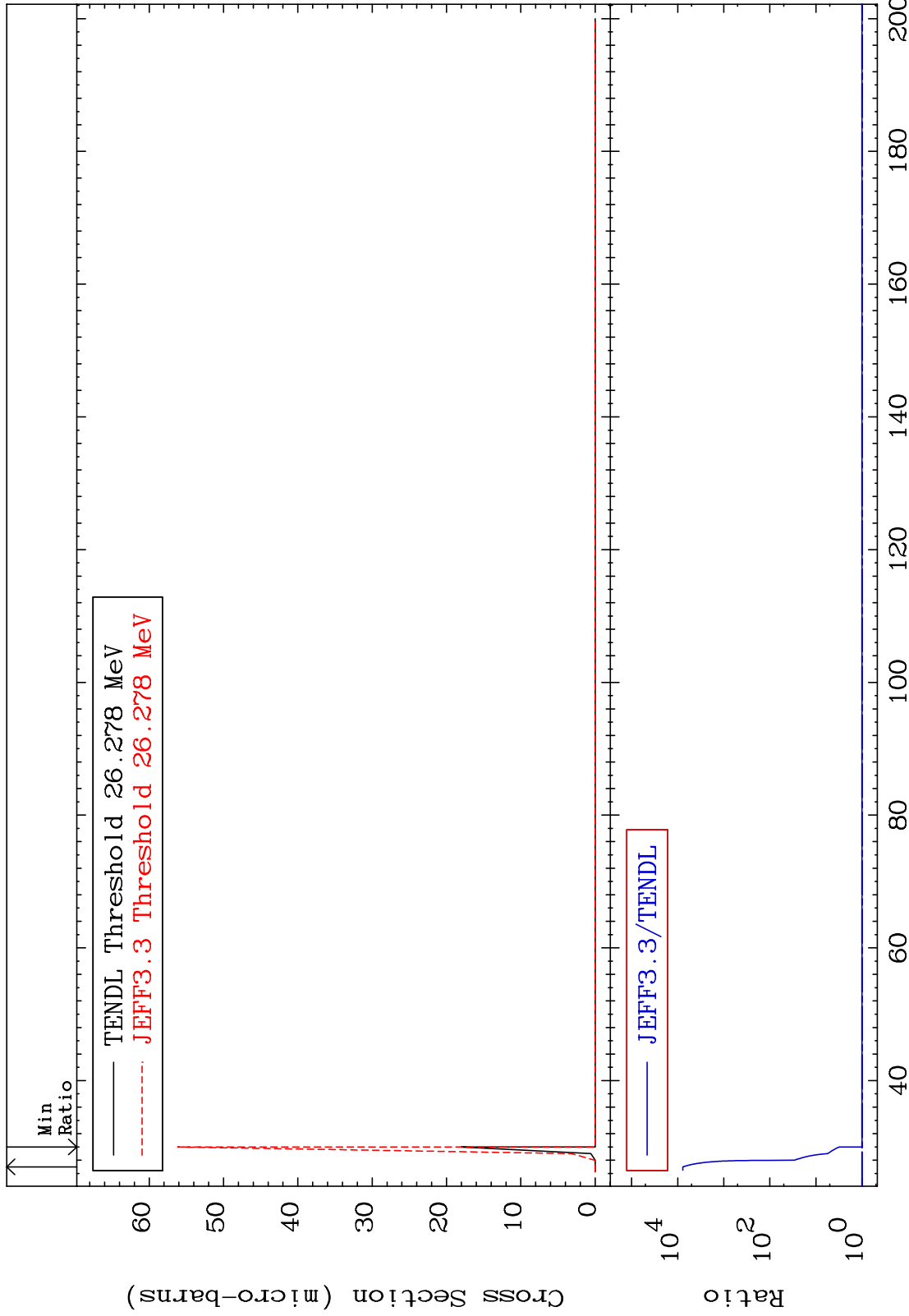
30-Zn-67
-27.76 To 70.12 %



MAT 3034

(n,3n) p
Cross Section

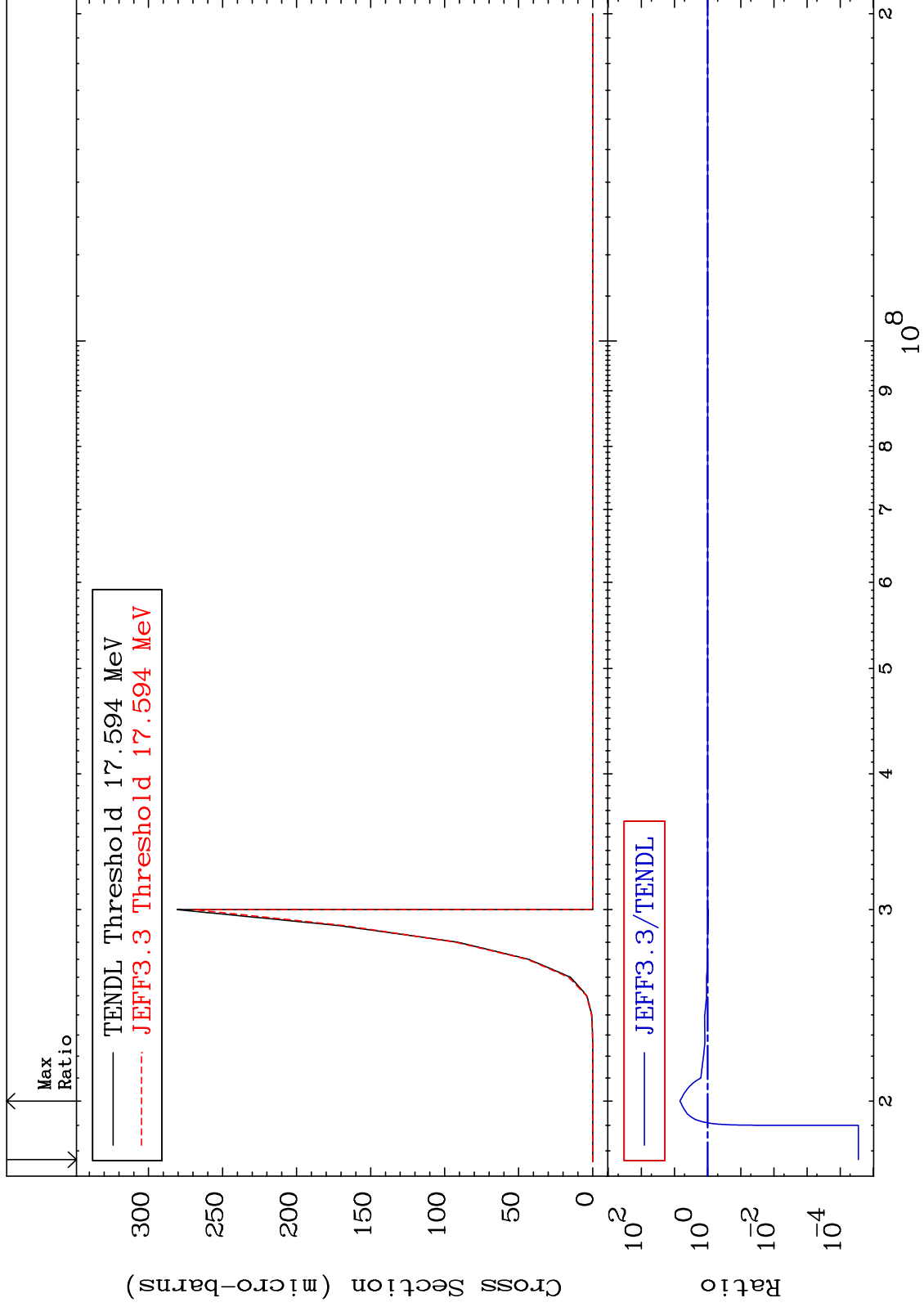
30-Zn-67
0.000 To 9999. %



MAT 3034

(n,2n) p
Cross Section

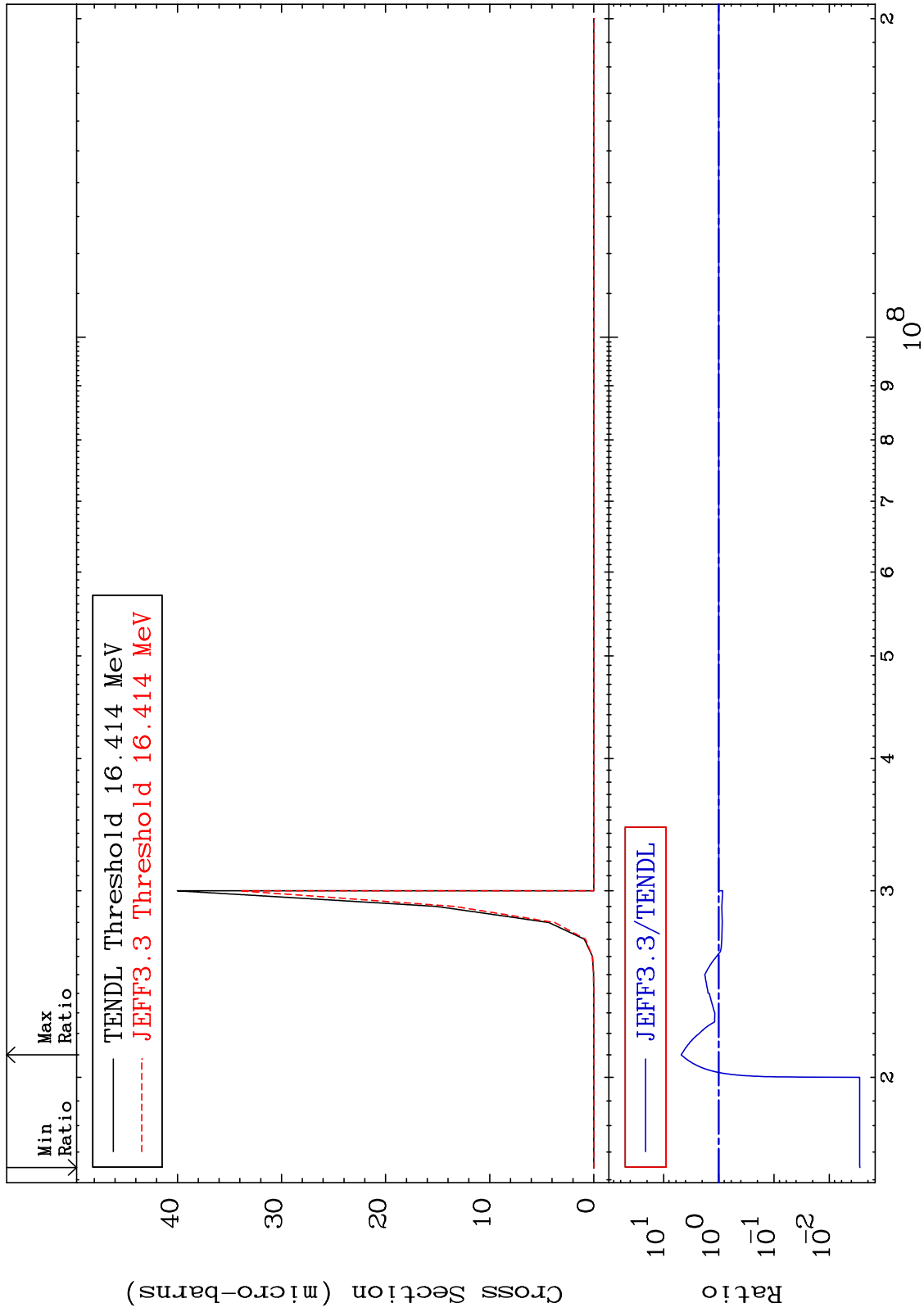
30-Zn-67
-100.0 To 583.2 %



MAT 3034

(n, n') p α
Cross Section

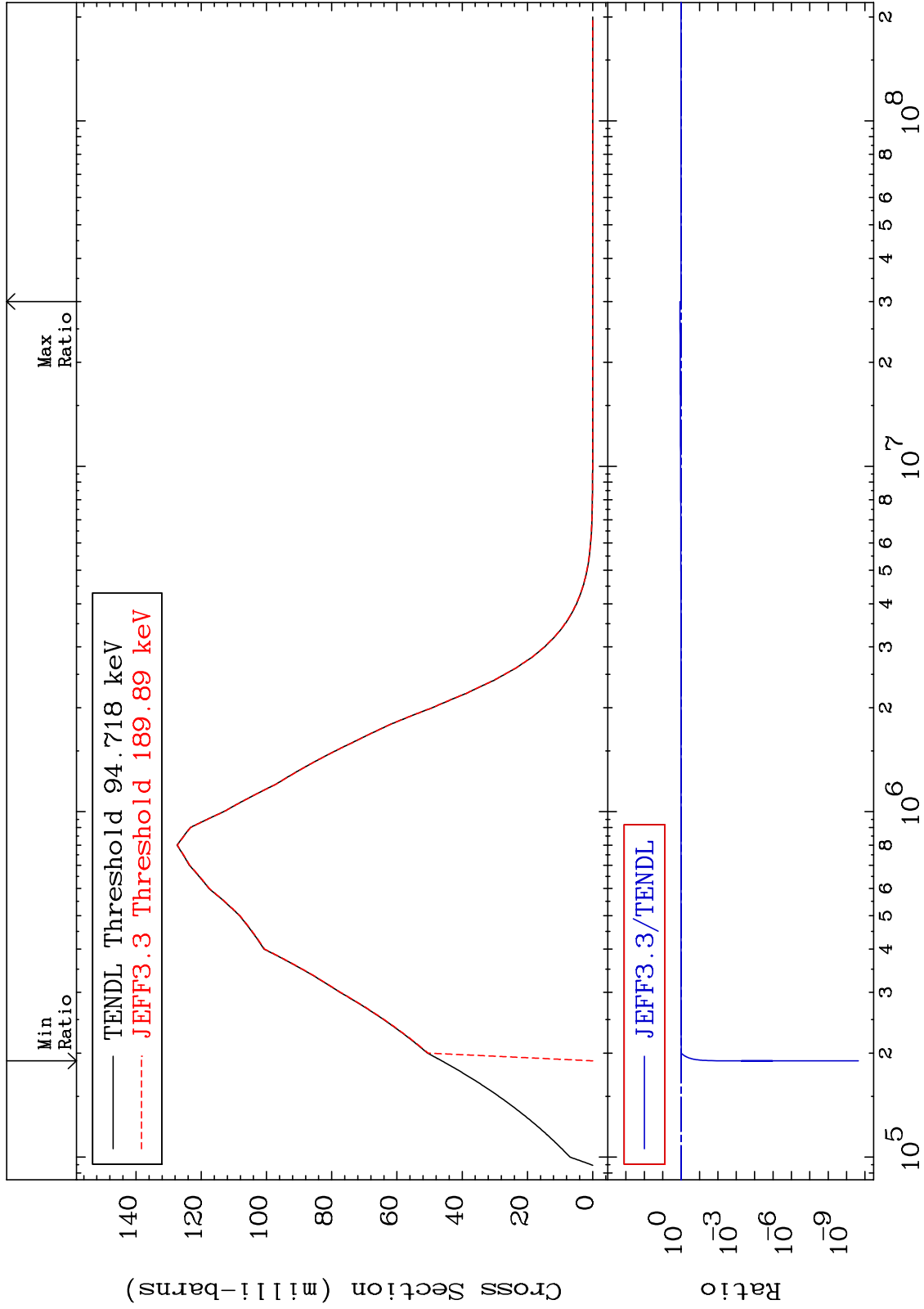
30-Zn-67
-99.72 To 379.7 %



MAT 3034

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

30-Zn-67
-100.0 To 14.31 %



21

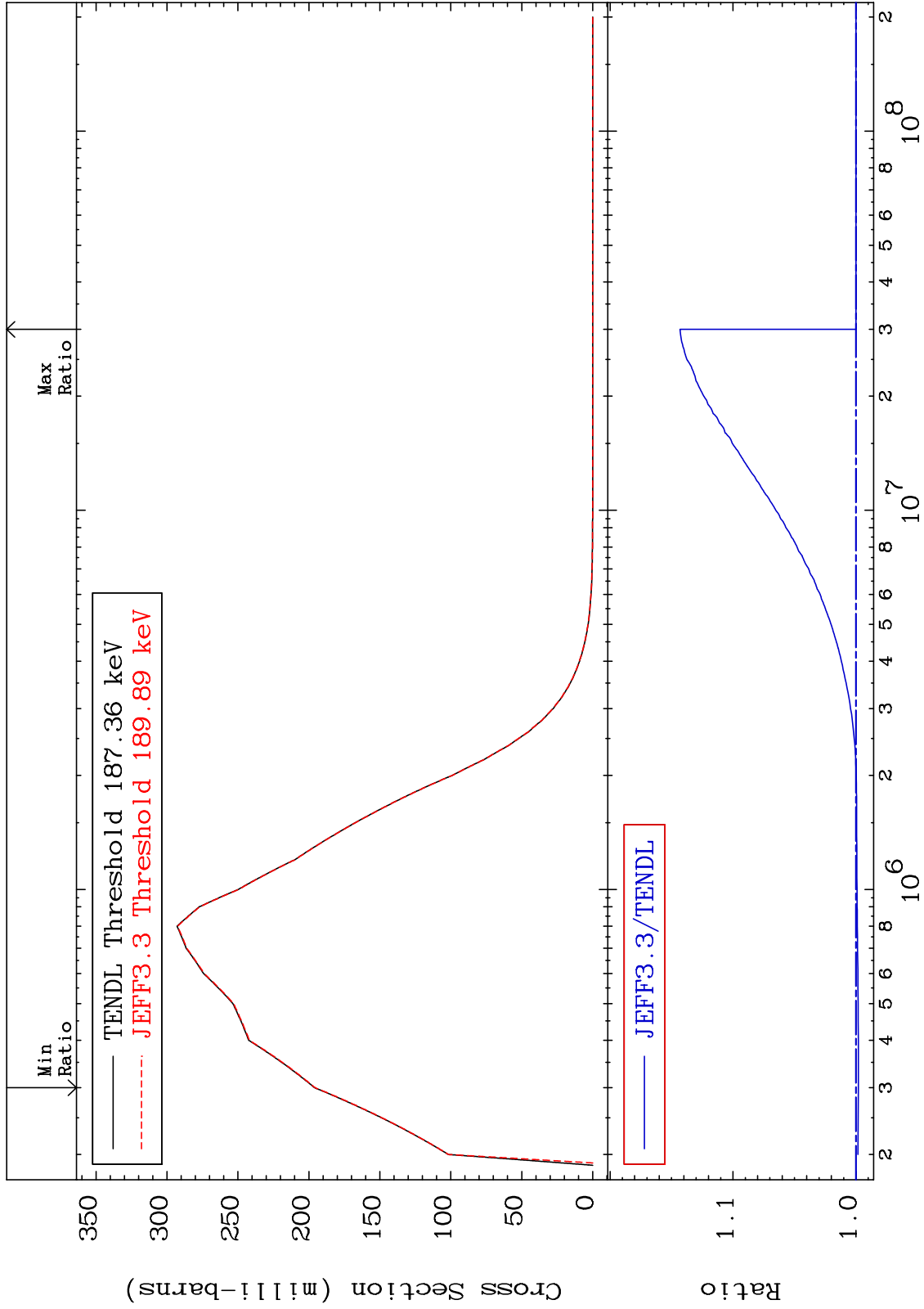
Incident Energy (eV)

30-Zn-67

MAT 3034

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

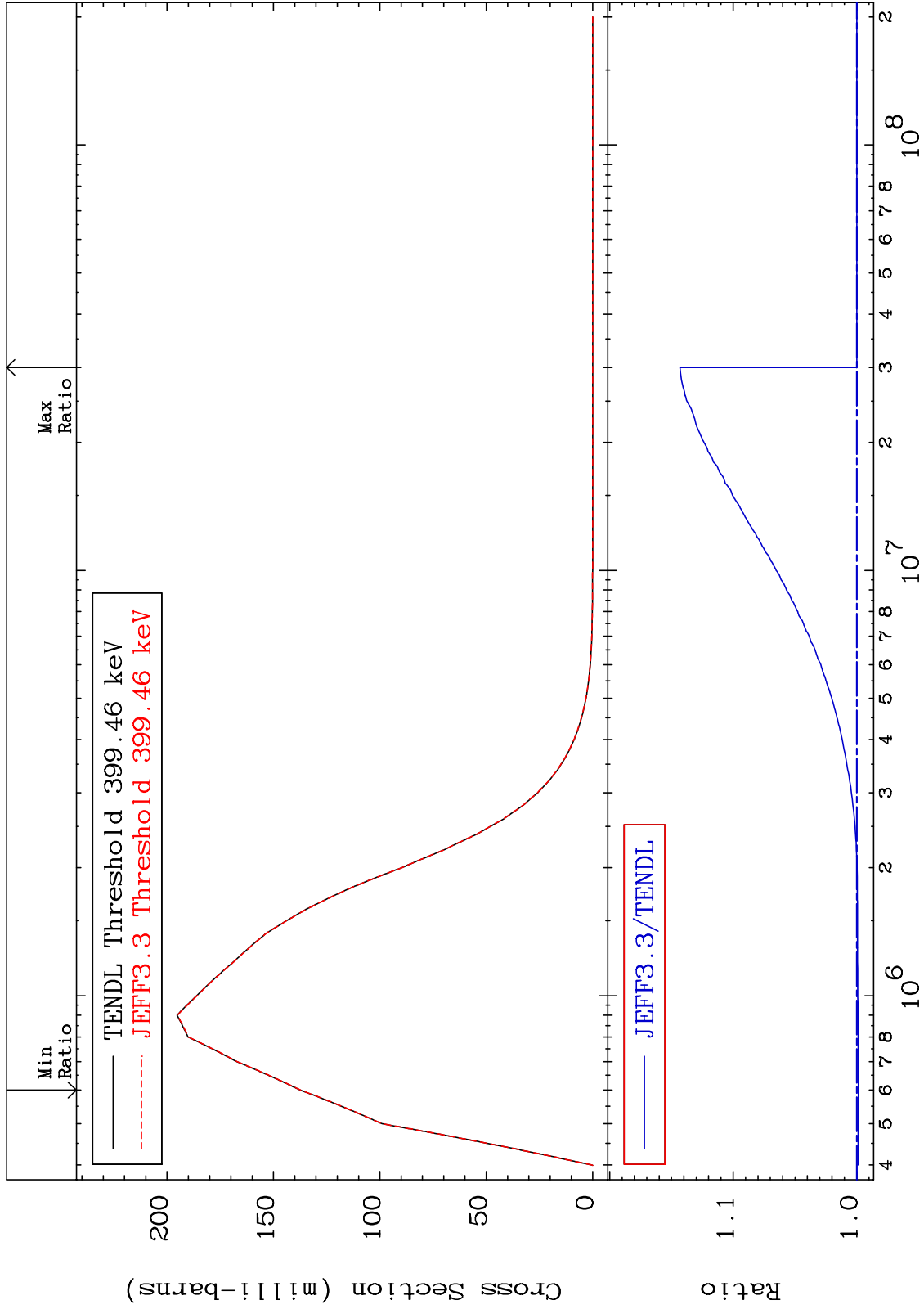
30-Zn-67
-0.201 To 14.31 %



MAT 3034

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

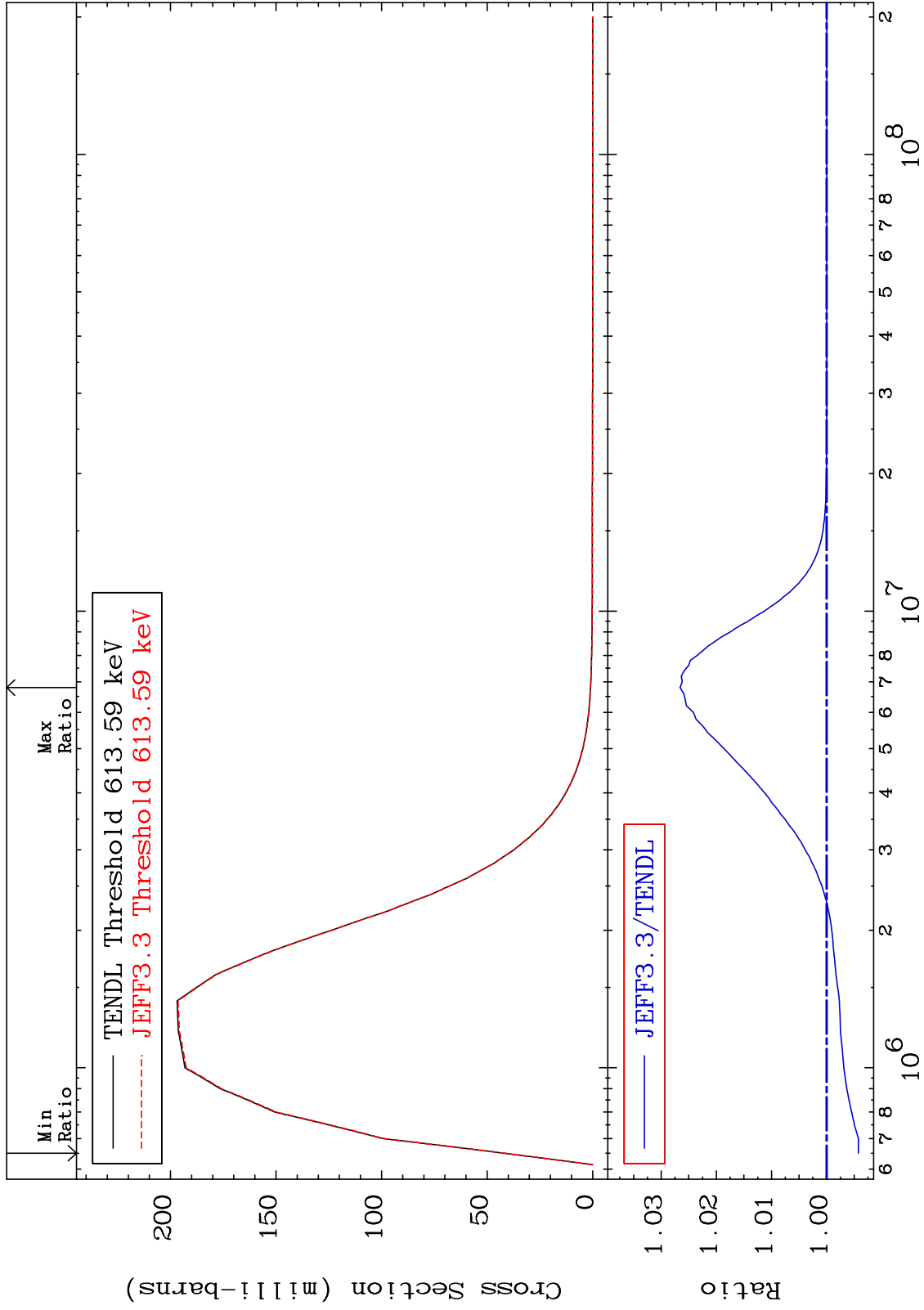
30-Zn-67
-0.134 To 14.31 %



MAT 3034

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

30-Zn-67
-0.576 To 2.659 %



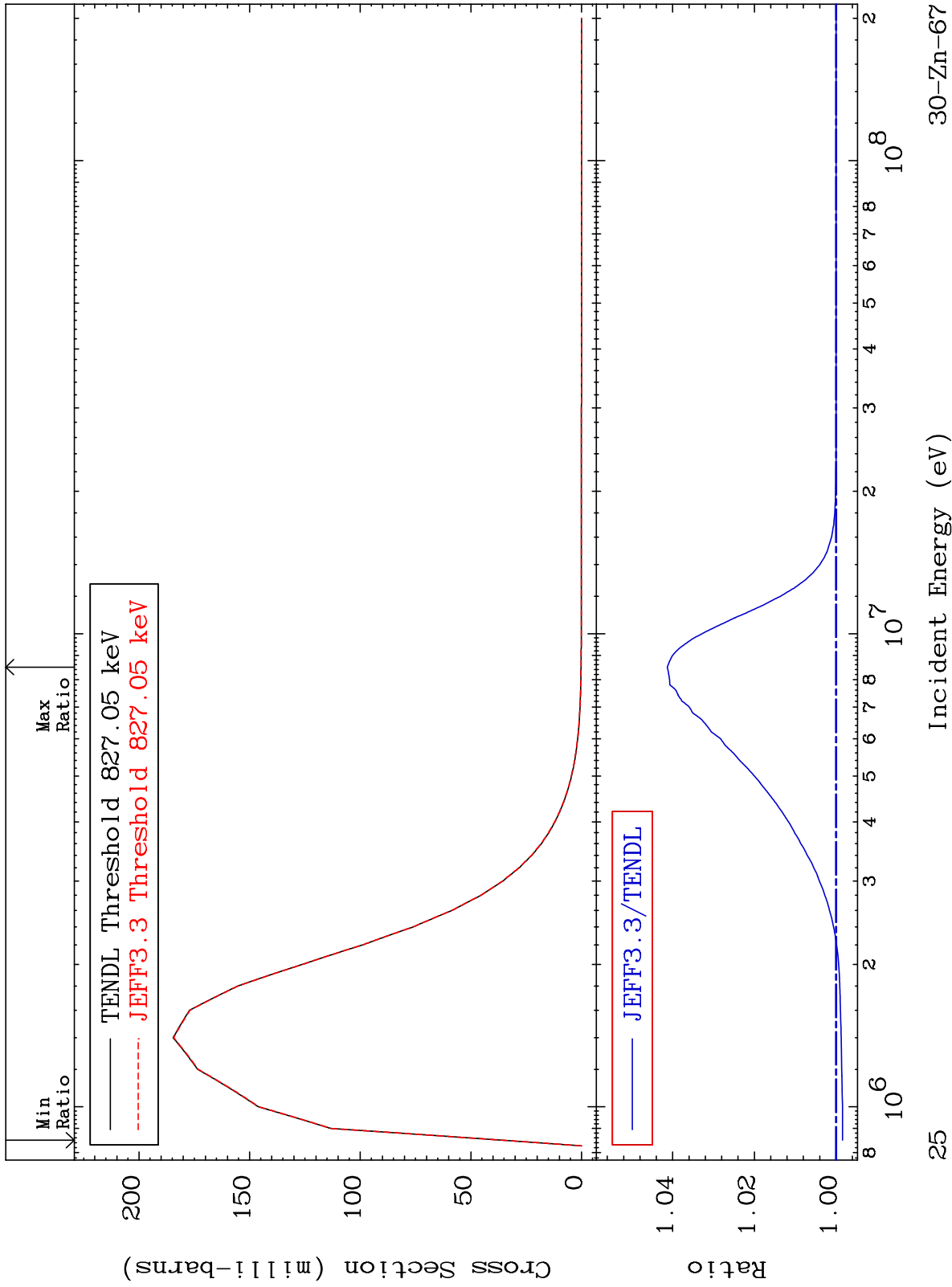
30-Zn-67

Incident Energy (eV)

MAT 3034

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

30-Zn-67
-0.159 To 4.131 %

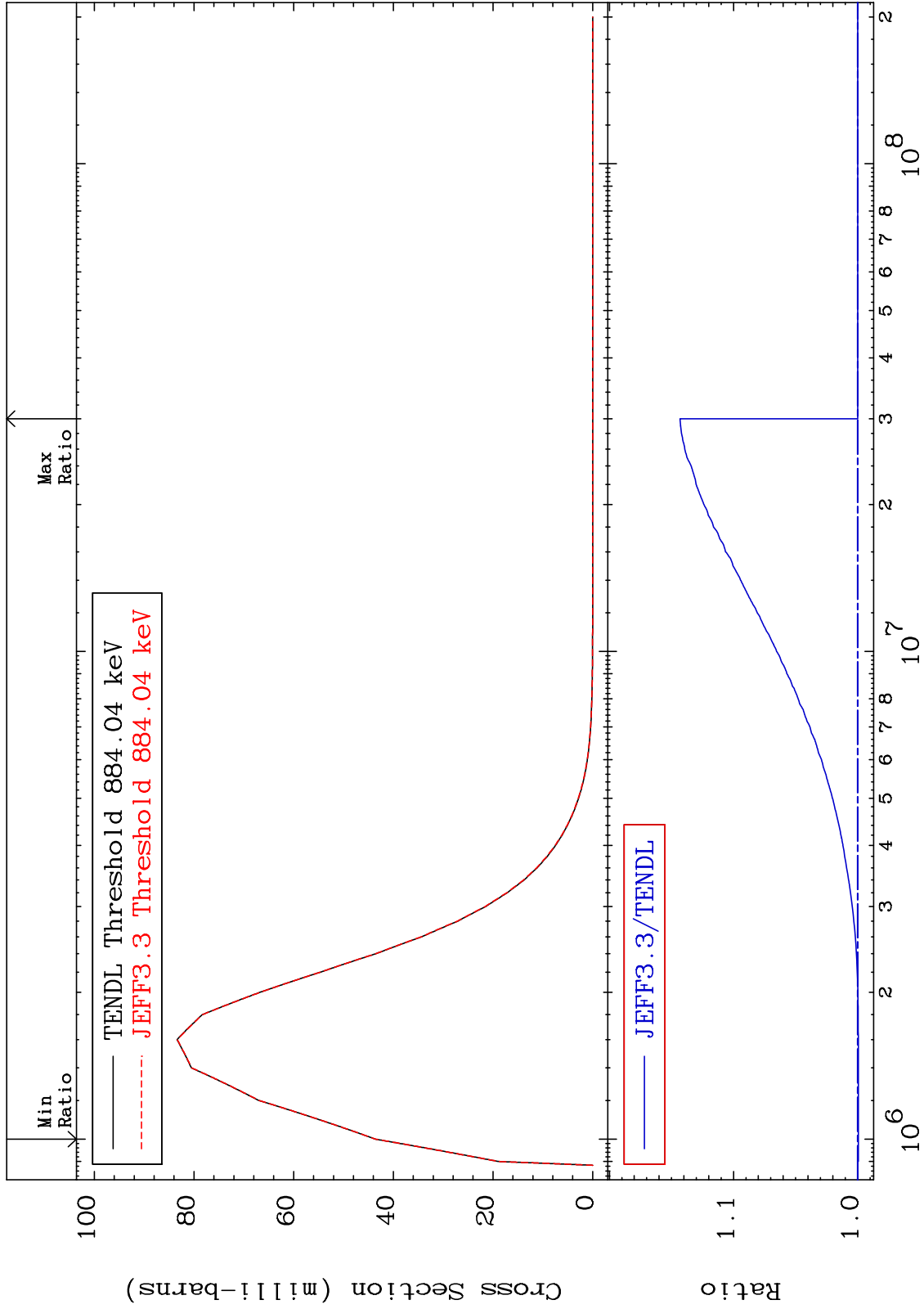


25

MAT 3034

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

30-Zn-67
-0.063 To 14.31 %



26

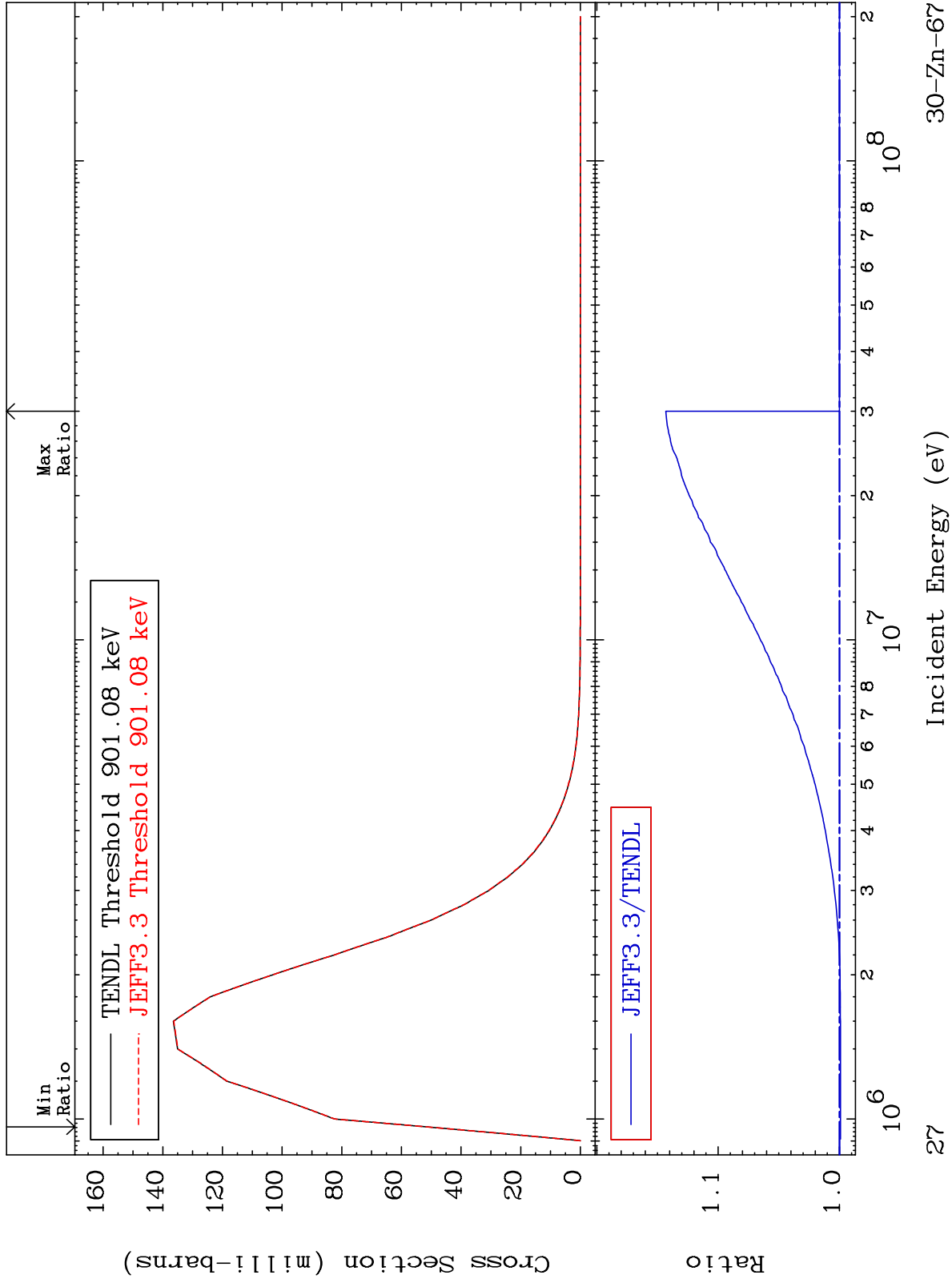
Incident Energy (eV)

30-Zn-67

MAT 3034

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

30-Zn-67
-0.088 To 14.31 %



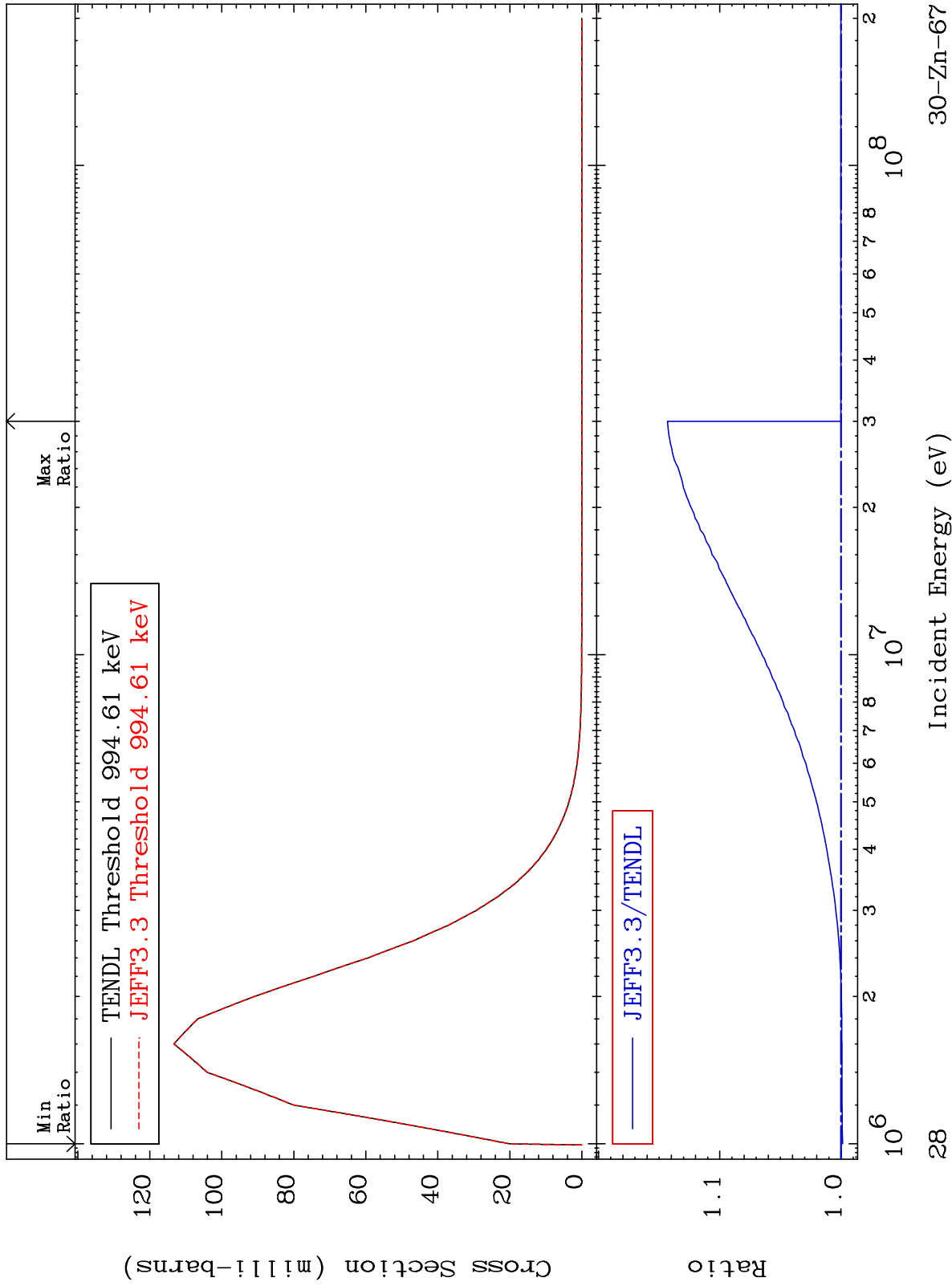
27

30-Zn-67

MAT 3034

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

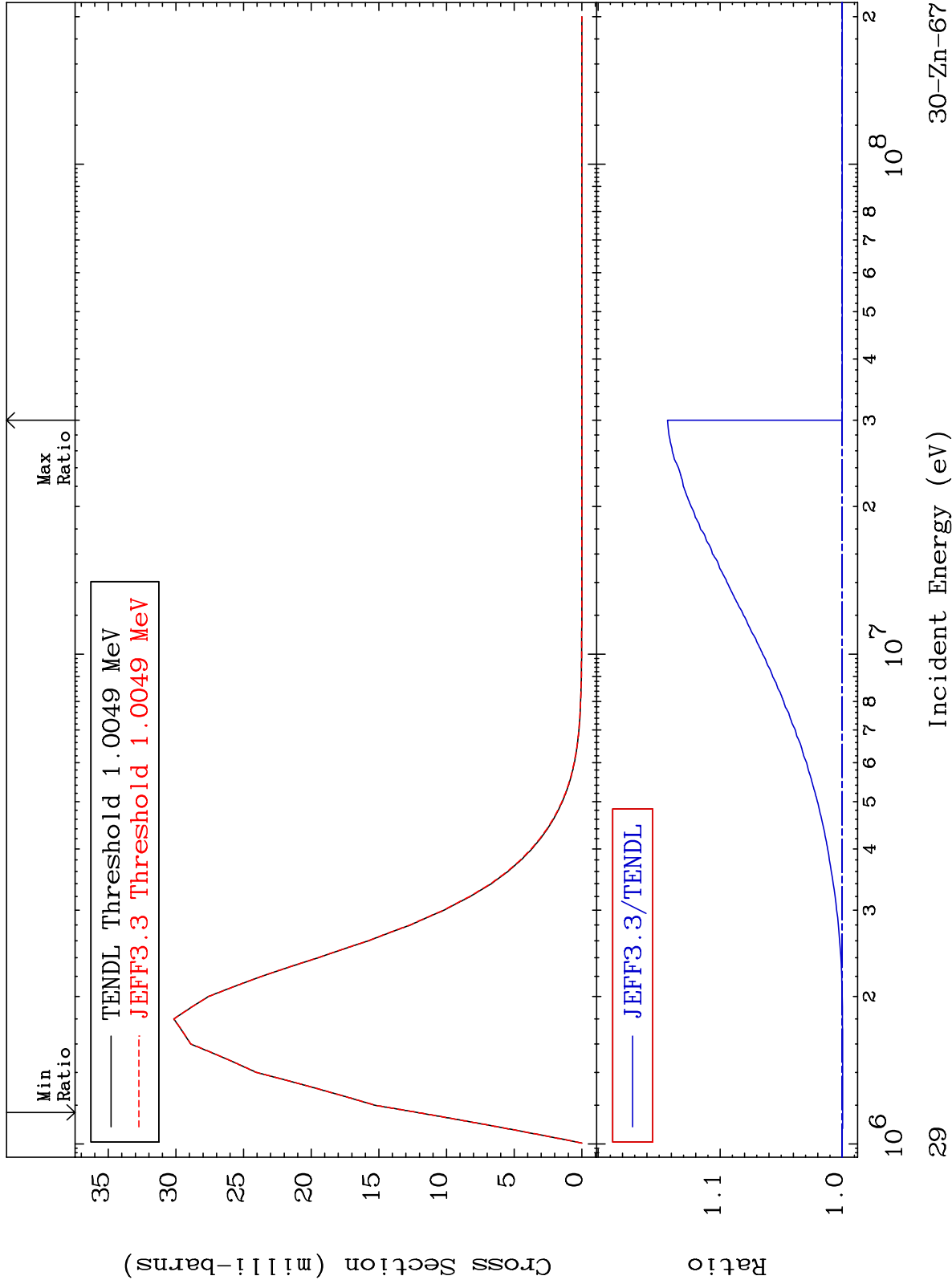
30-Zn-67
-0.139 To 14.31 %



MAT 3034

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

30-Zn-67
-0.042 To 14.31 %



29

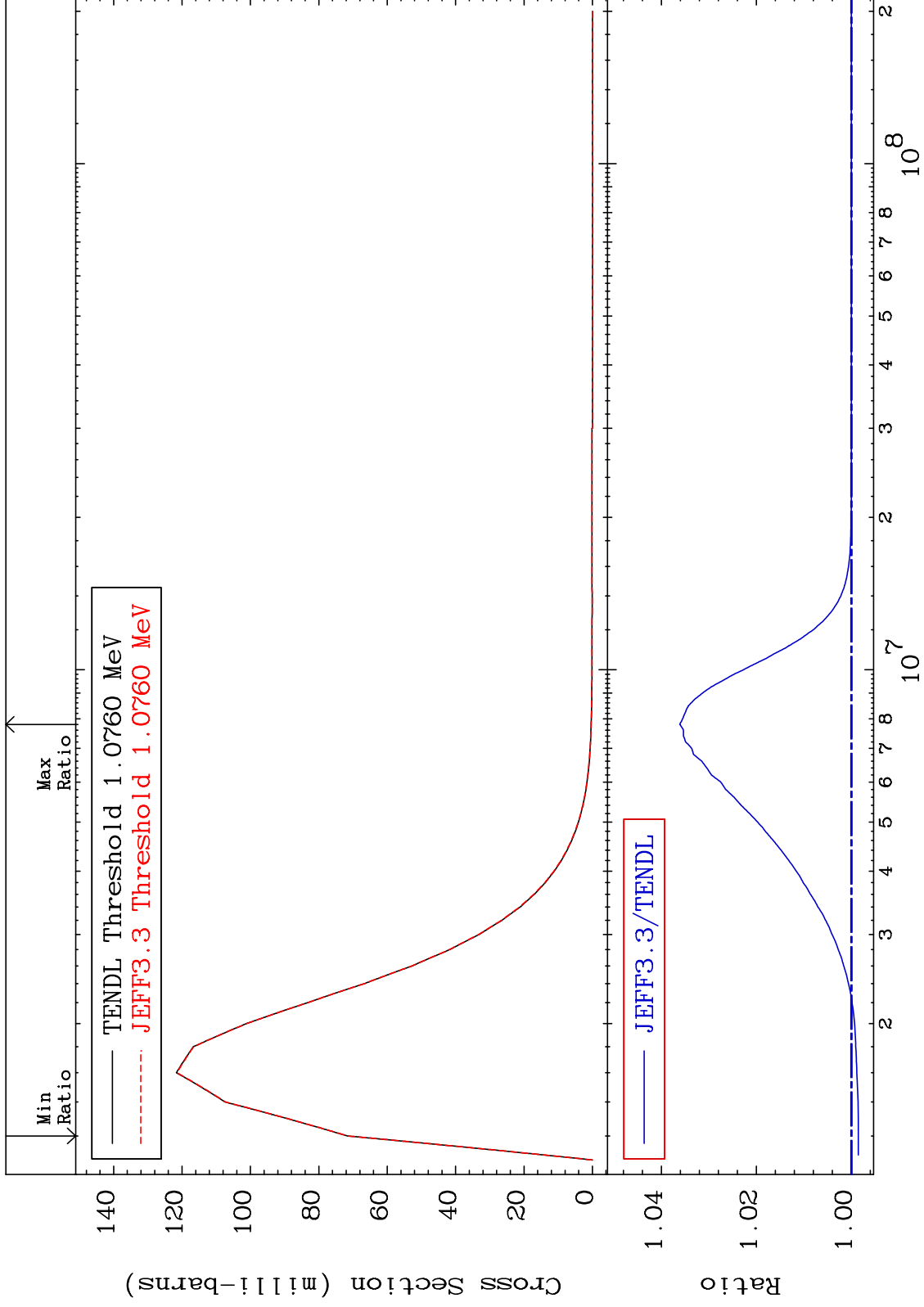
Incident Energy (eV)

30-Zn-67

MAT 3034

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

30-Zn-67
-0.147 To 3.613 %



30

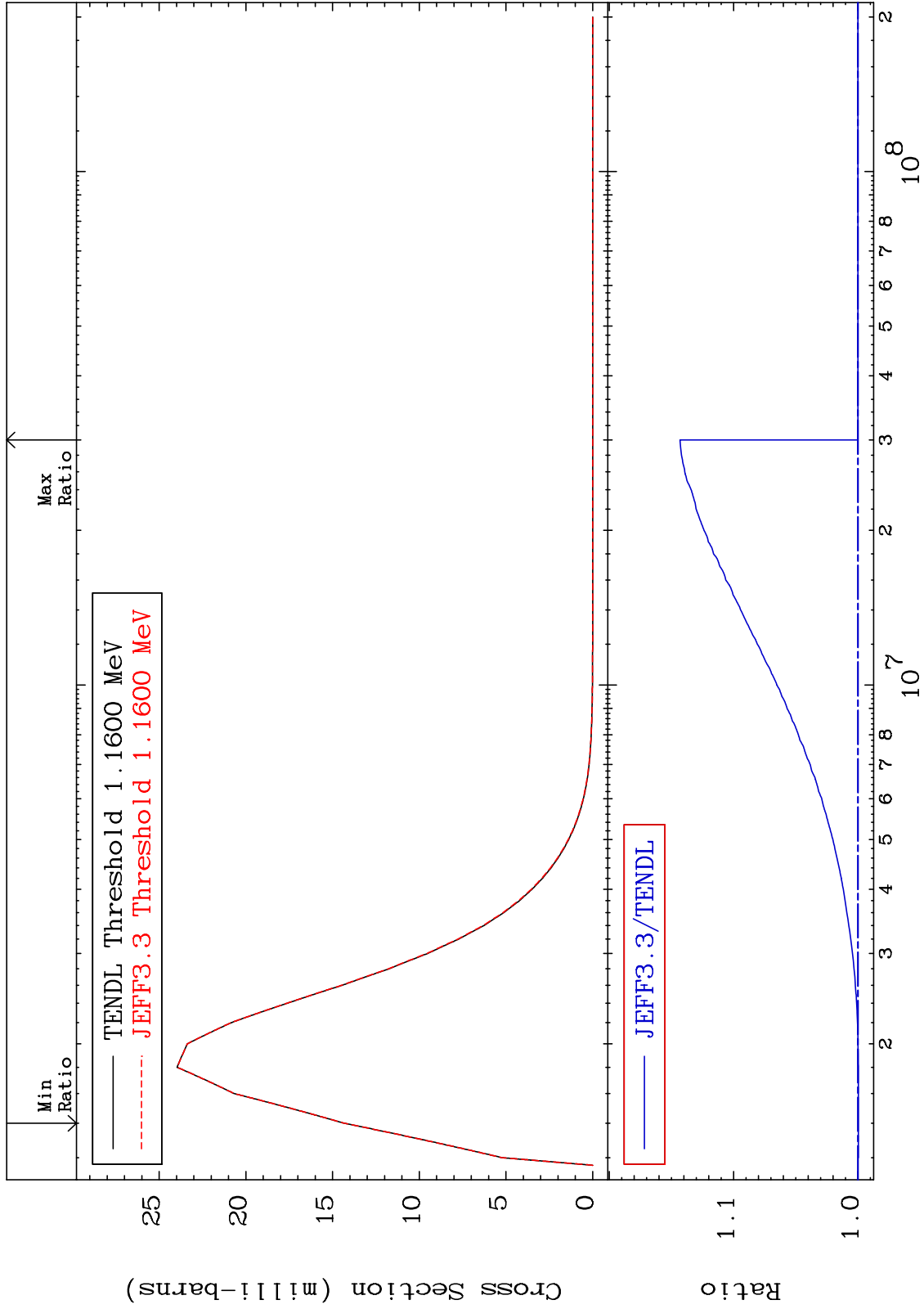
Incident Energy (eV)

30-Zn-67

MAT 3034

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

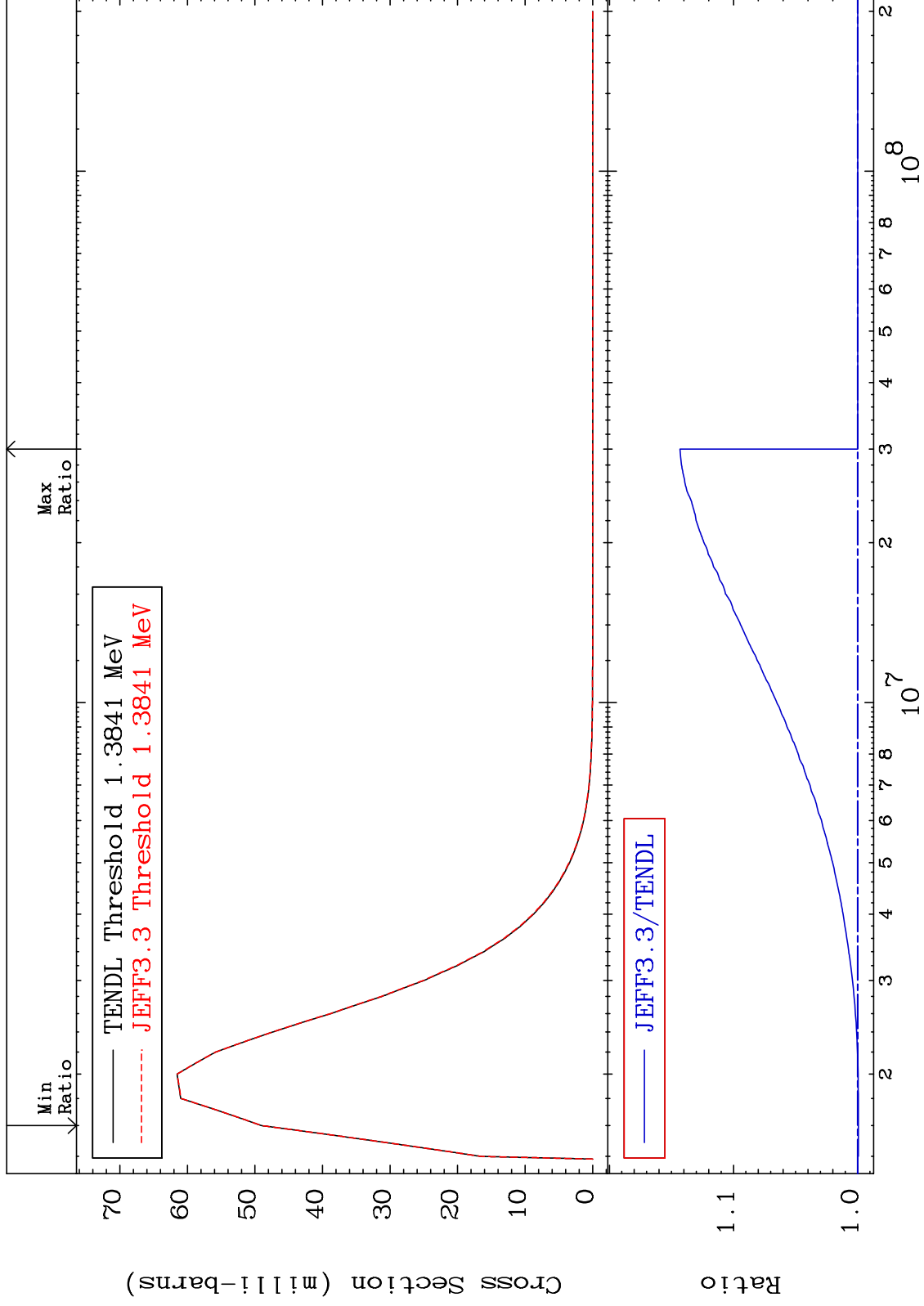
30-Zn-67
-0.035 To 14.31 %



MAT 3034

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

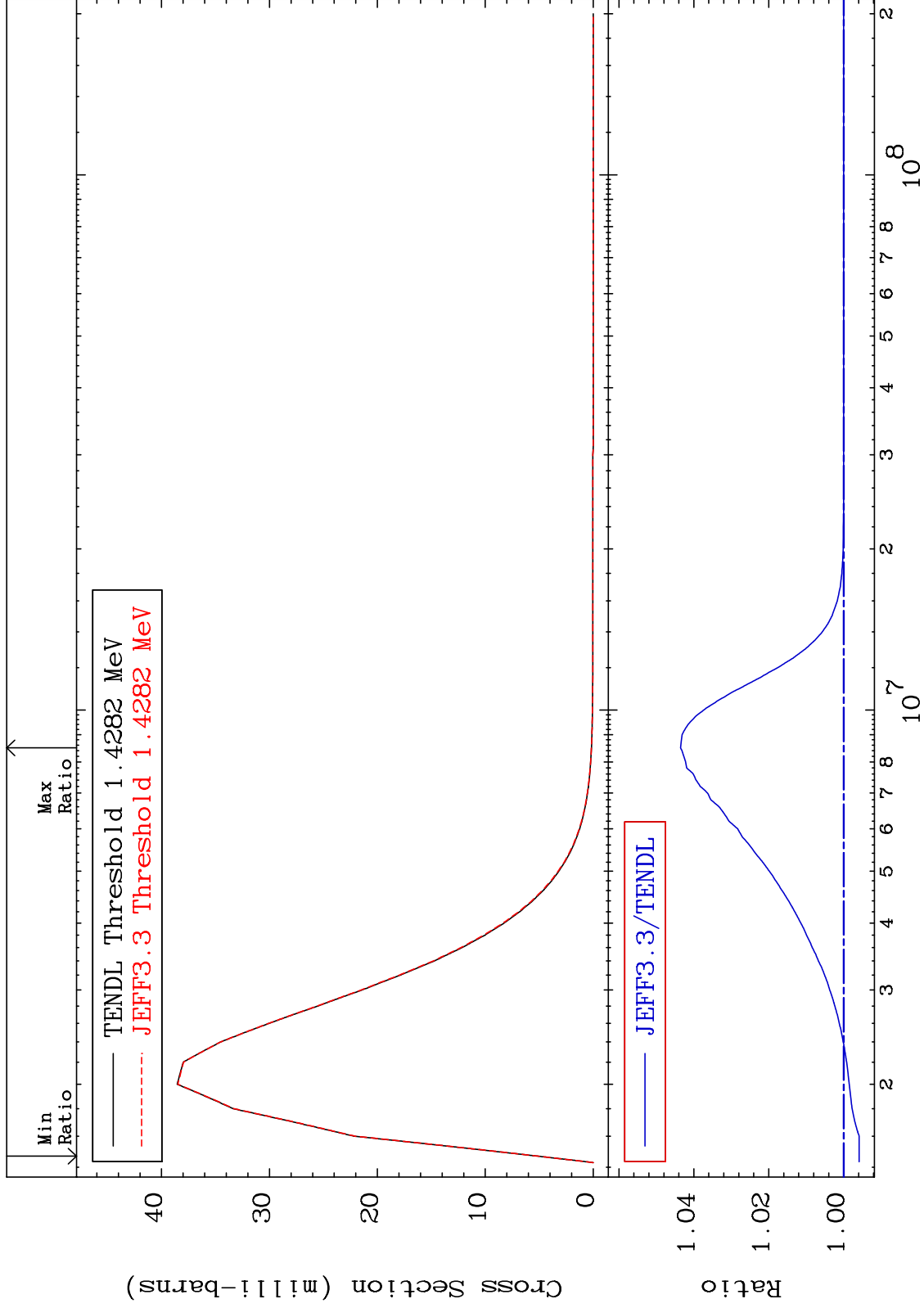
30-Zn-67
-0.064 To 14.31 %



MAT 3034

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

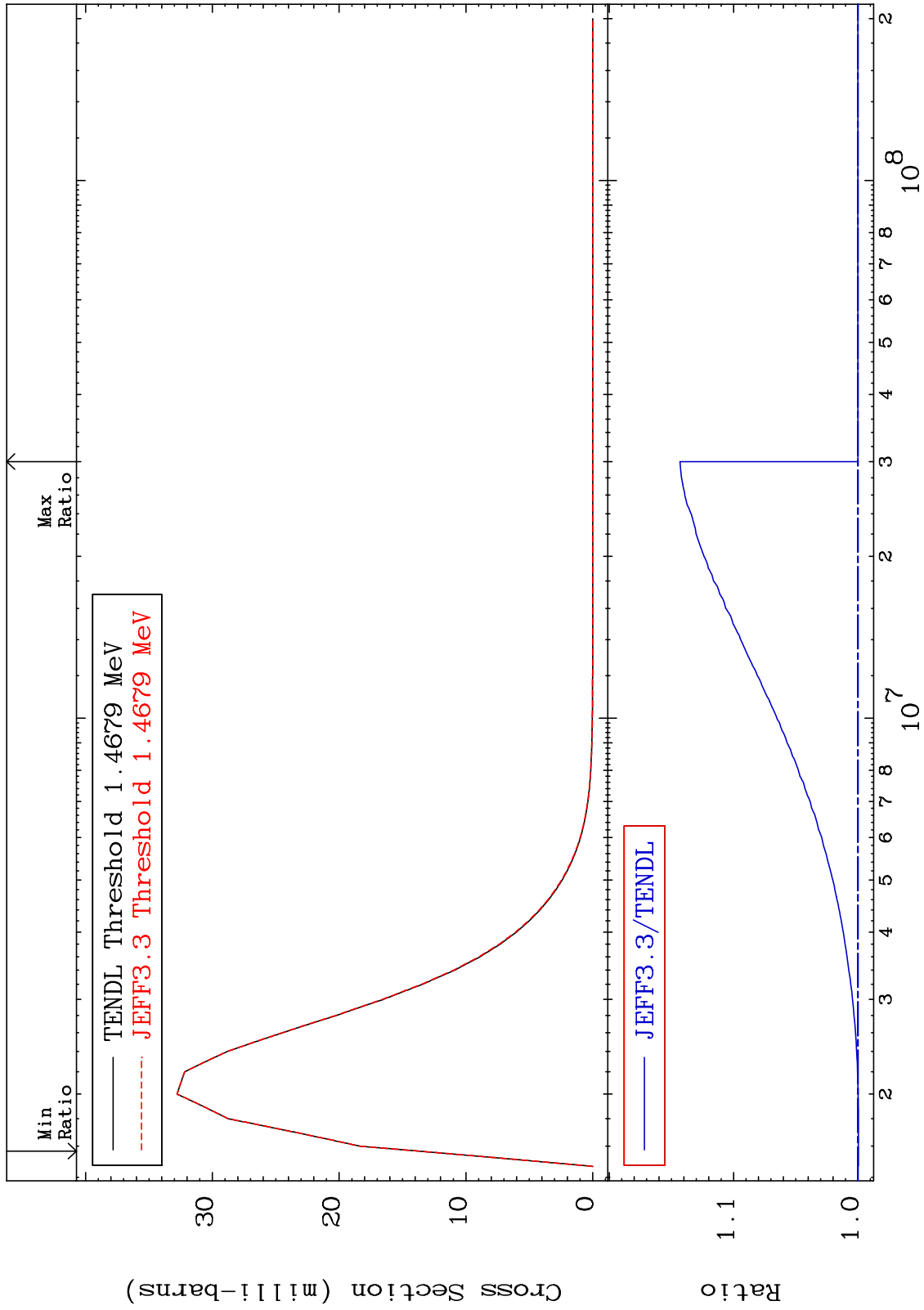
30-Zn-67
-0.414 To 4.353 %



MAT 3034

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

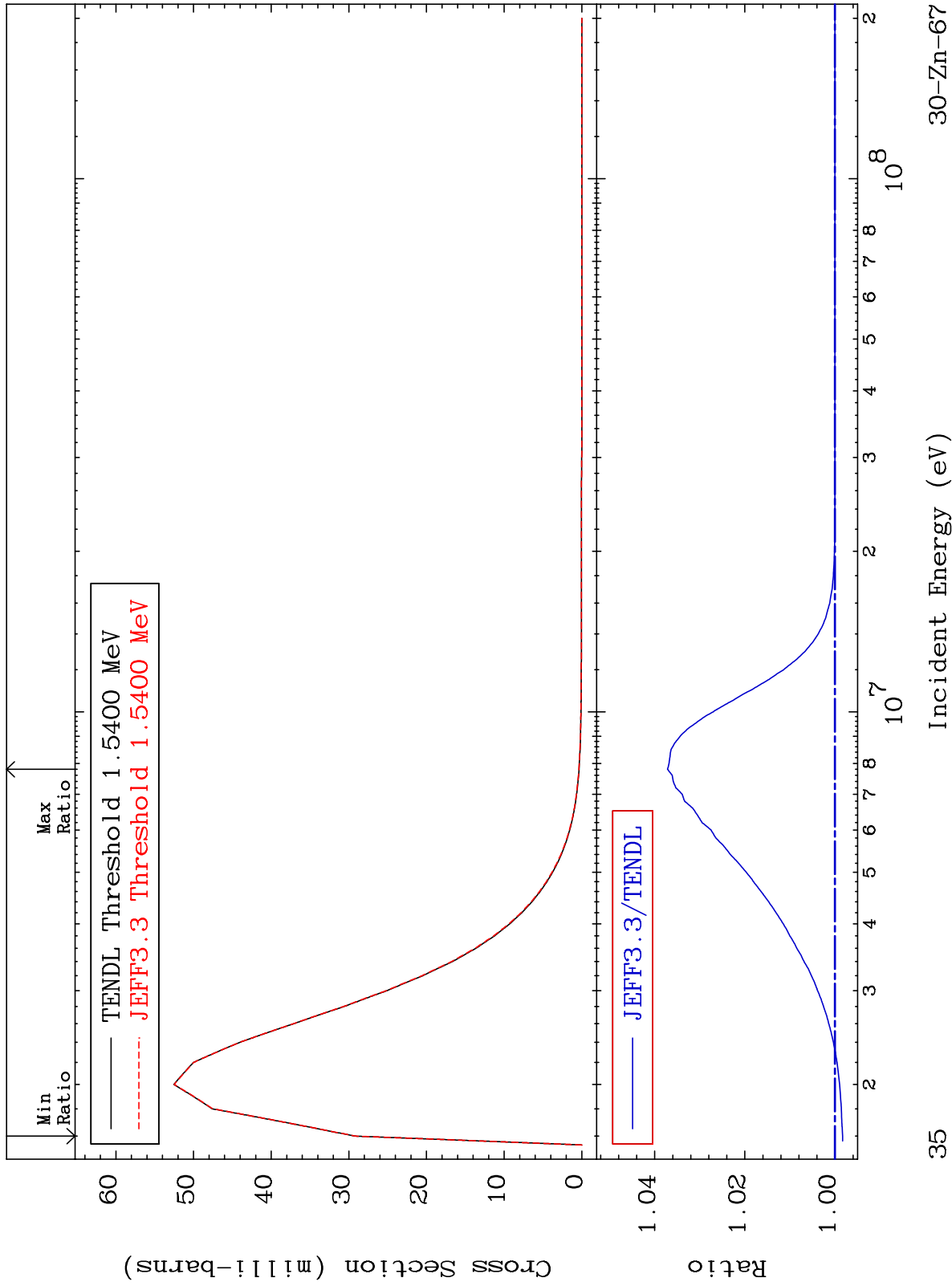
30-Zn-67
-0.039 To 14.31 %



MAT 3034

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

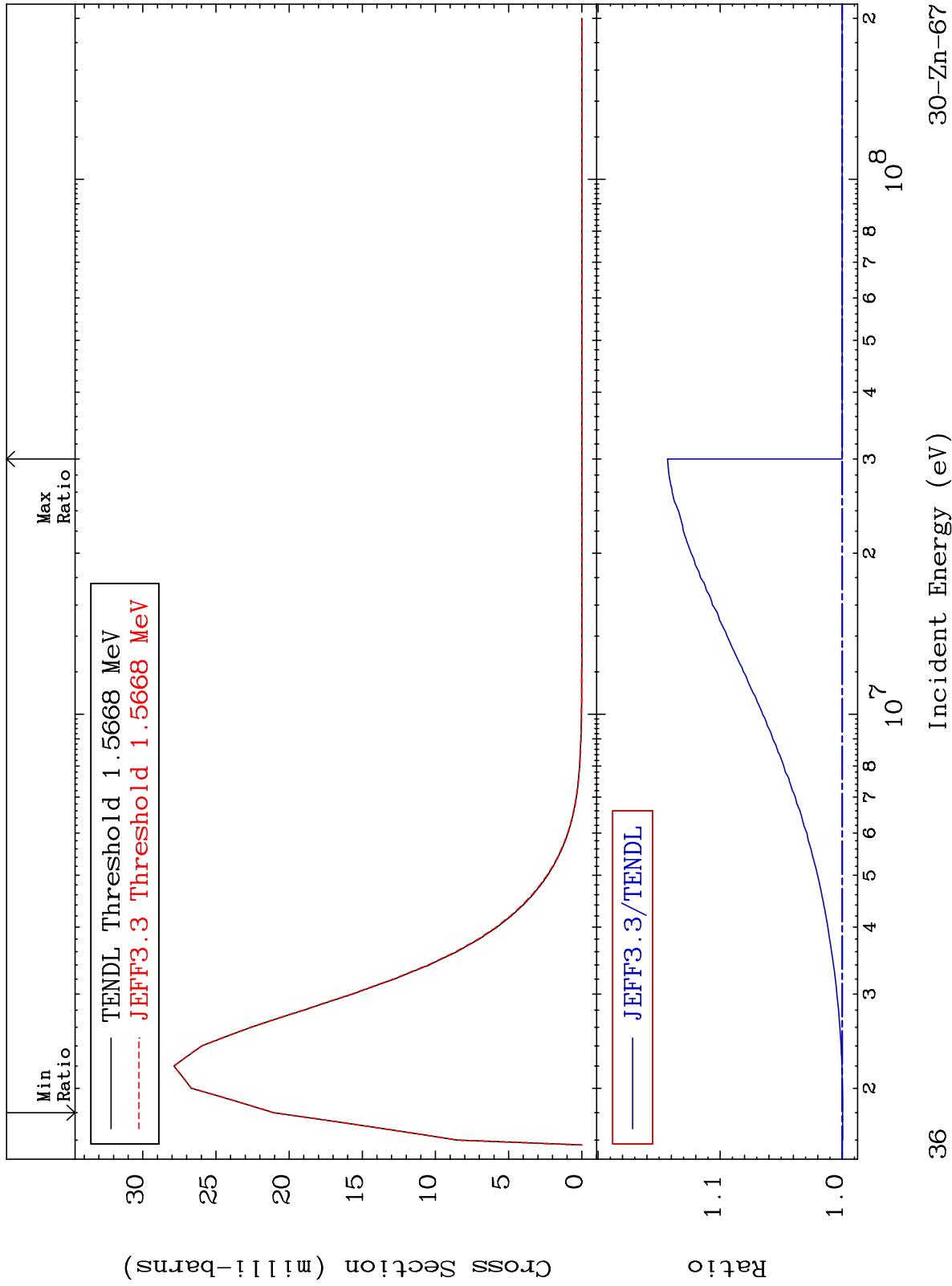
30-Zn-67
-0.170 To 3.716 %



MAT 3034

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

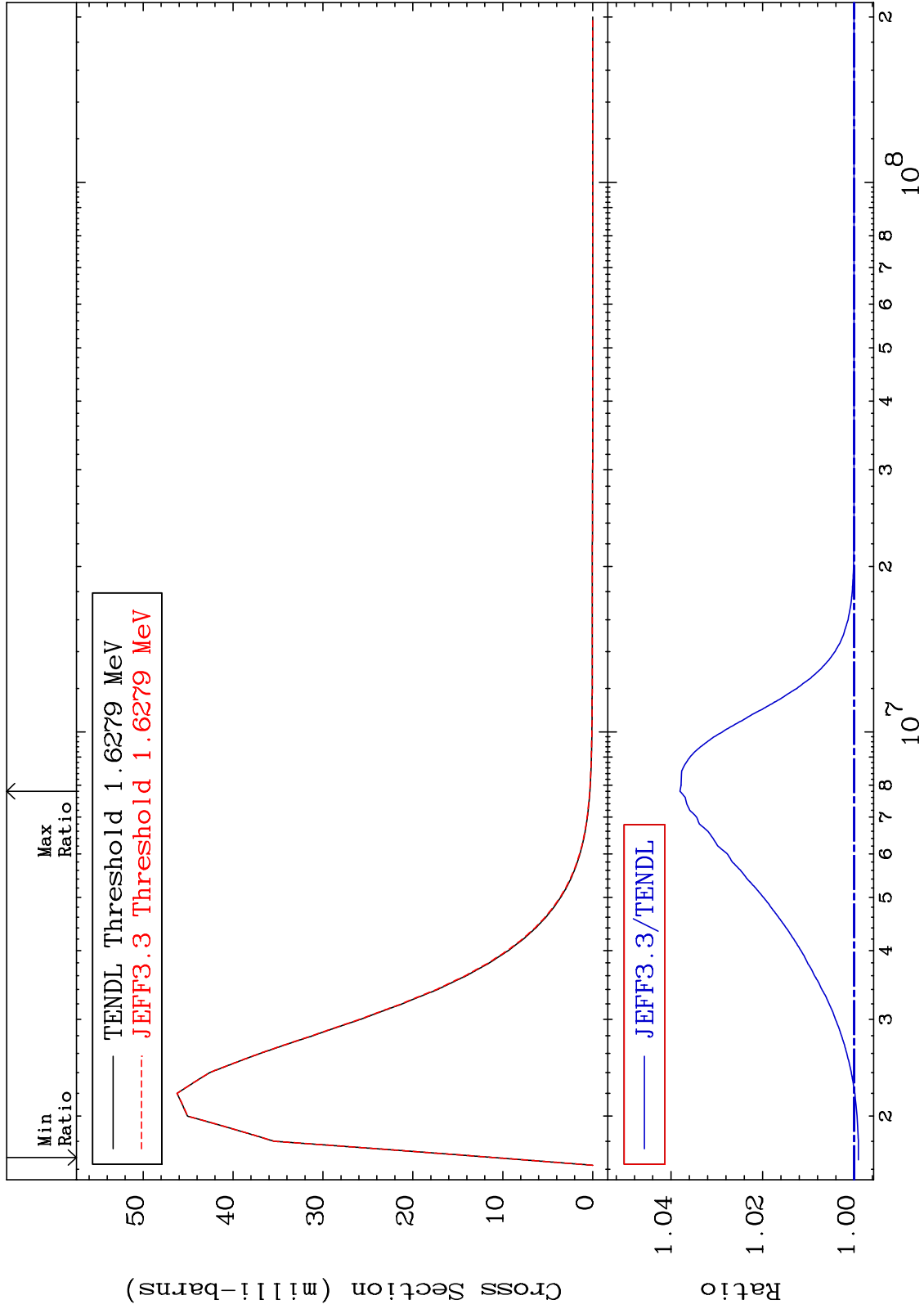
30-Zn-67
-0.034 To 14.31 %



MAT 3034

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

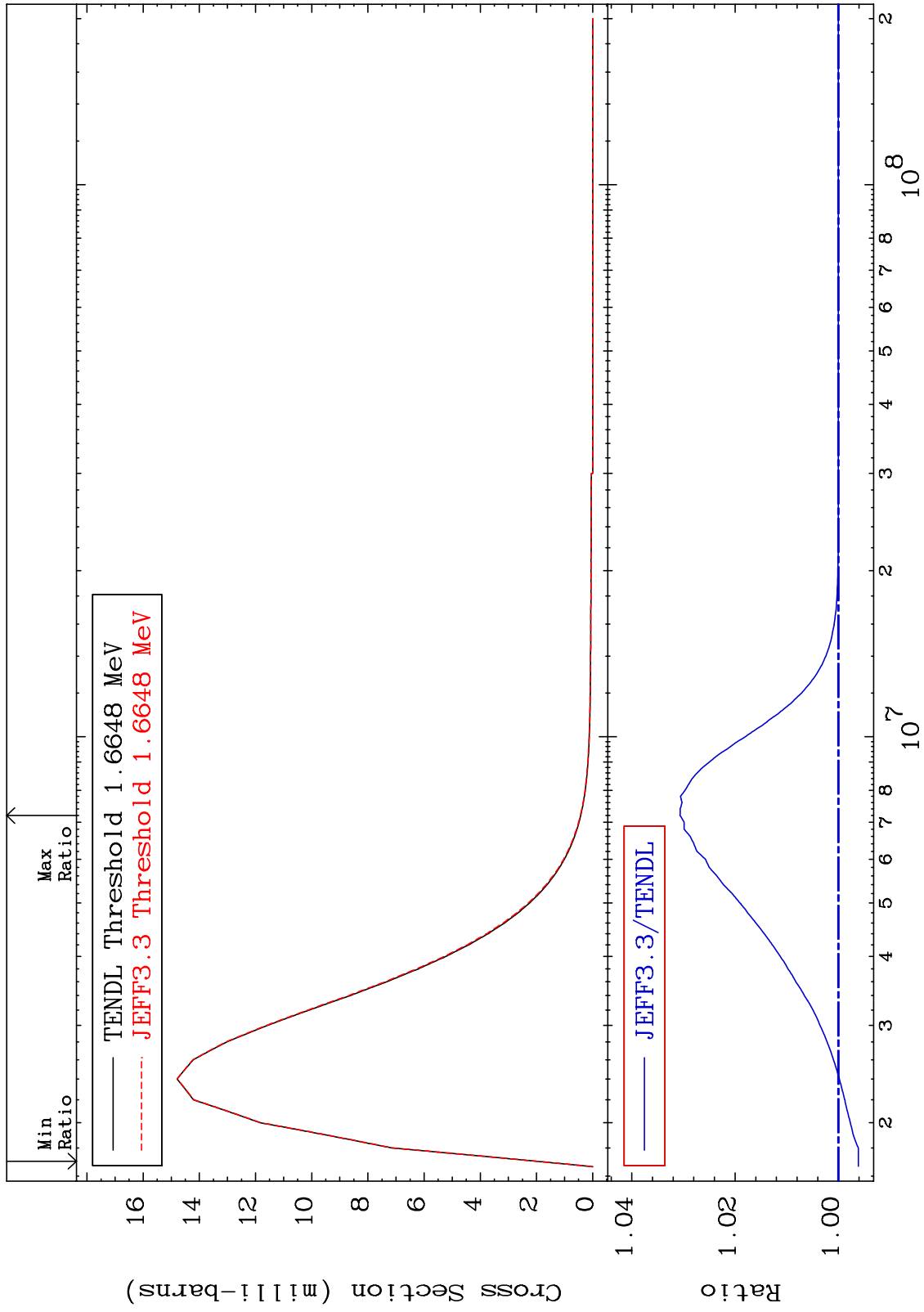
30-Zn-67
-0.094 To 3.805 %



MAT 3034

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

30-Zn-67
-0.388 To 3.067 %



38

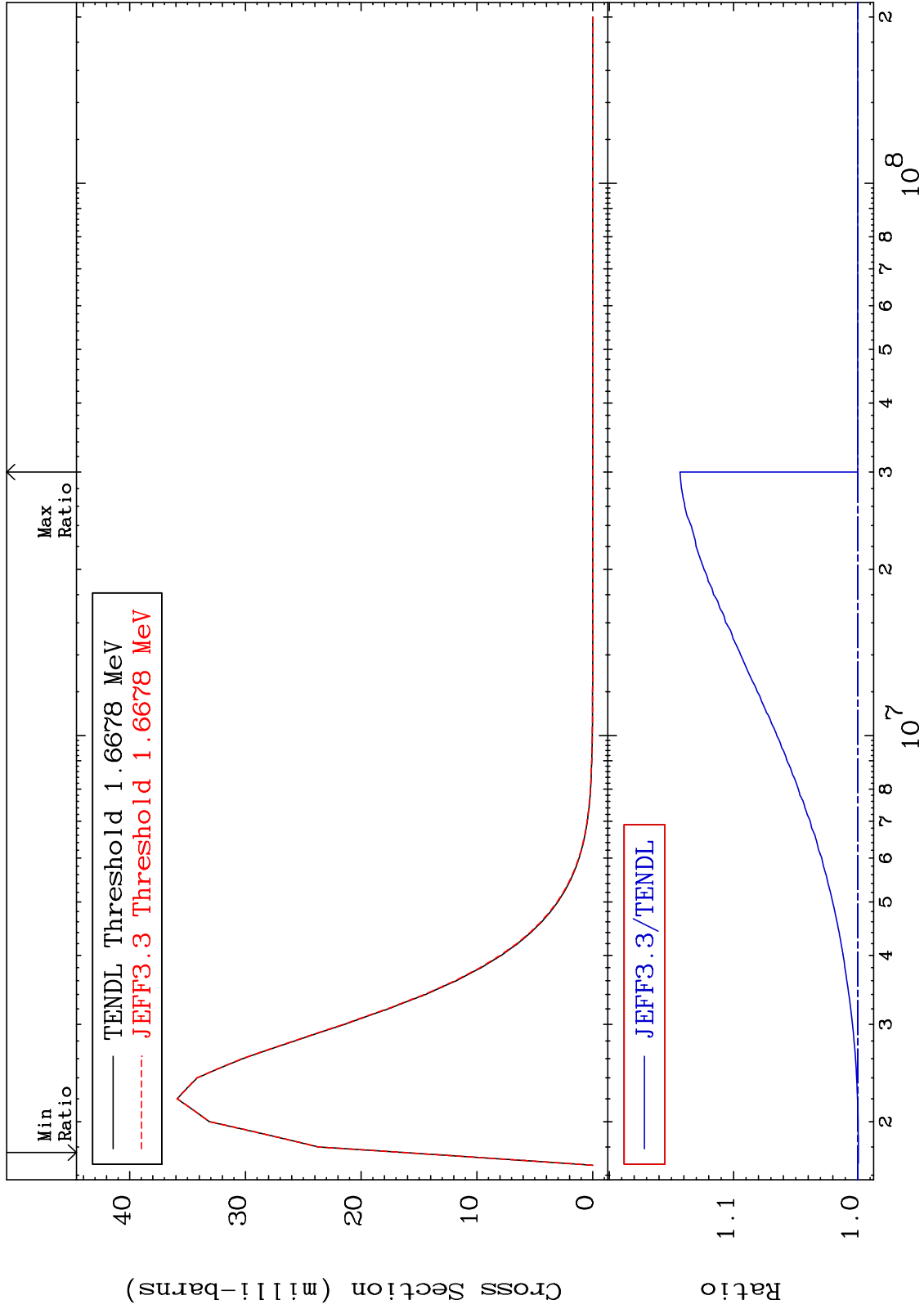
Incident Energy (eV)

30-Zn-67

MAT 3034

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

30-Zn-67
-0.051 To 14.31 %



39

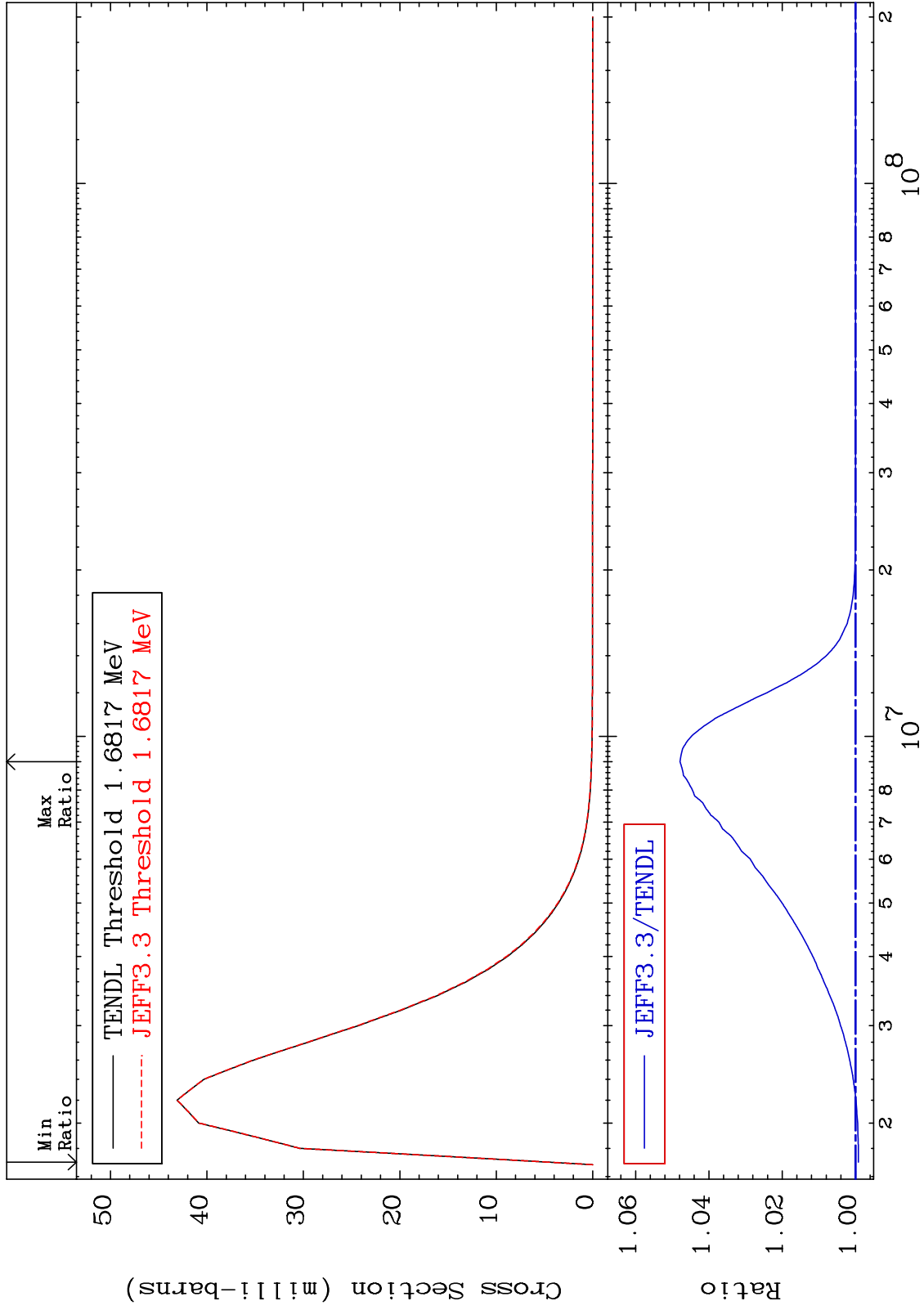
Incident Energy (eV)

30-Zn-67

MAT 3034

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

30-Zn-67
-0.079 To 4.788 %



40

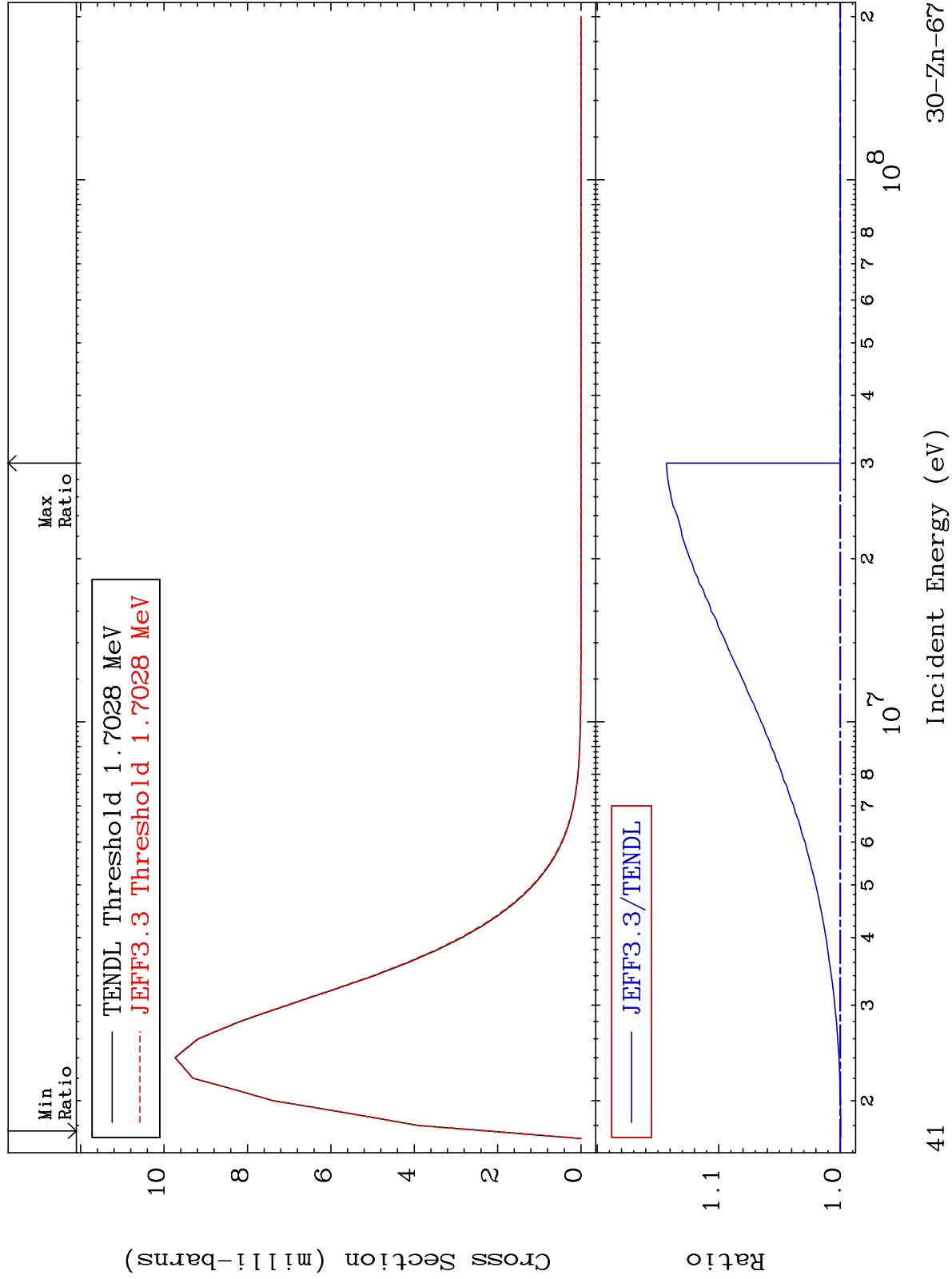
Incident Energy (eV)

30-Zn-67

MAT 3034

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

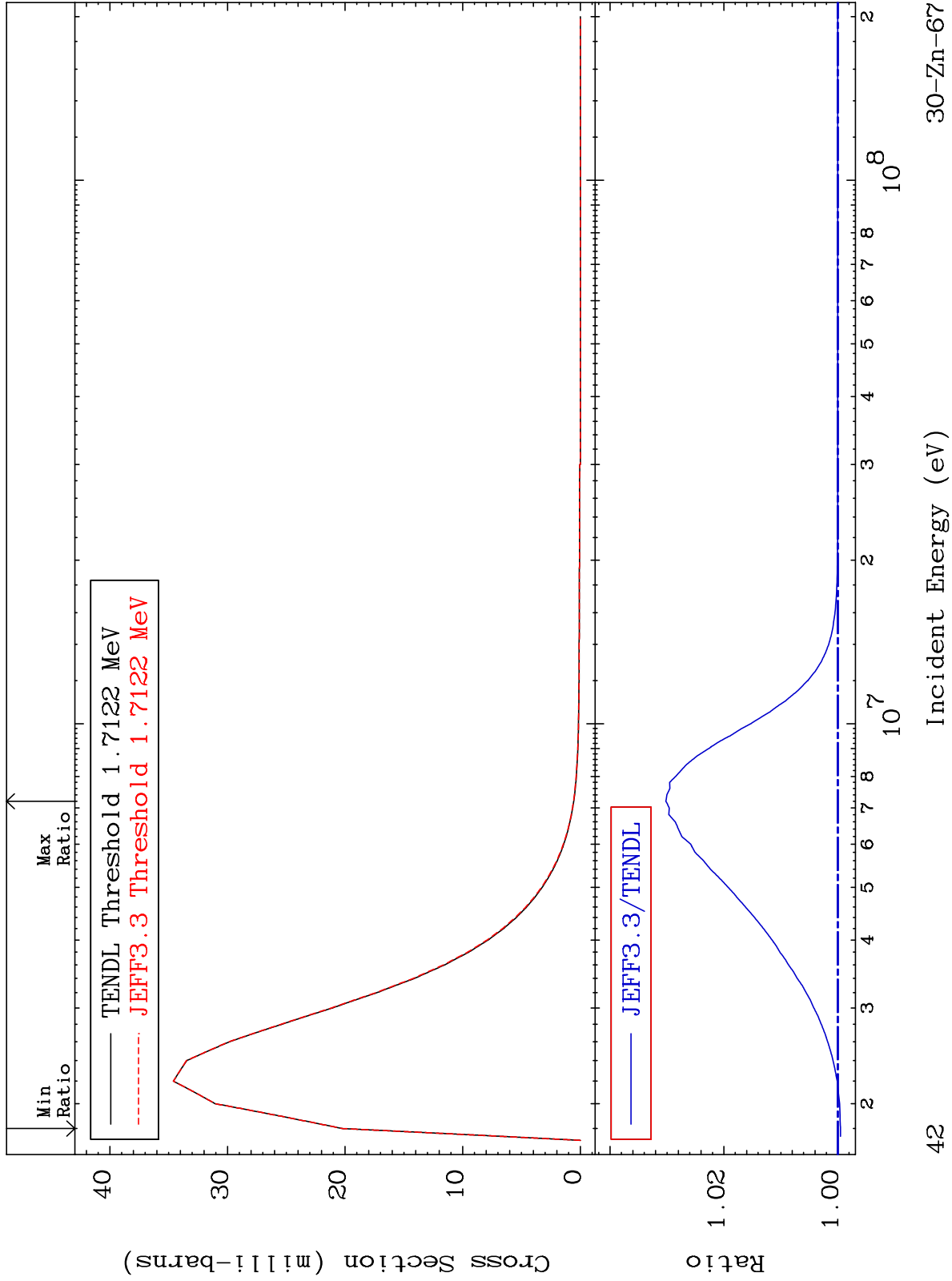
30-Zn-67
-0.030 To 14.31 %



MAT 3034

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

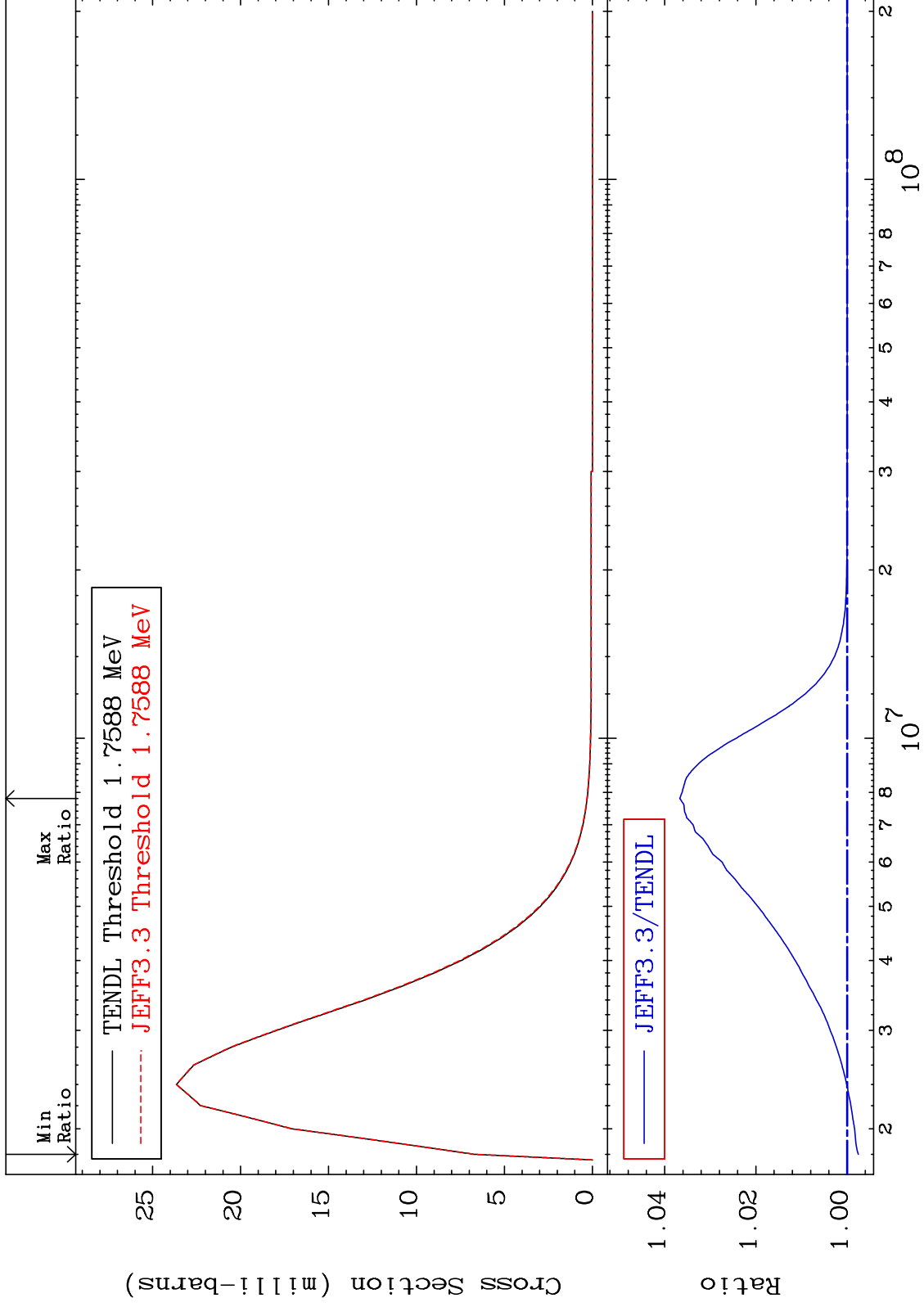
30-Zn-67
-0.049 To 3.019 %



MAT 3034

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

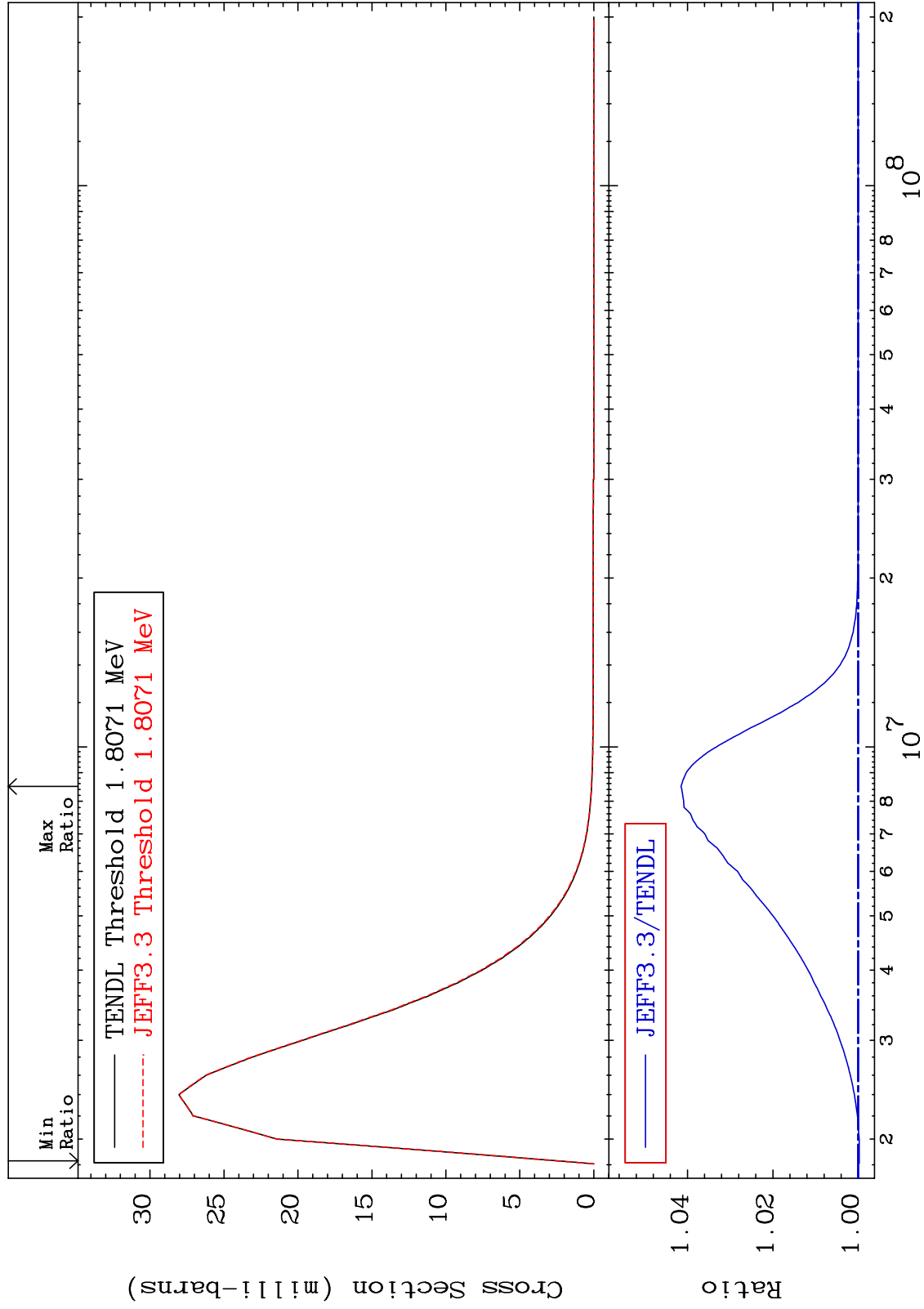
30-Zn-67
-0.247 To 3.668 %



MAT 3034

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

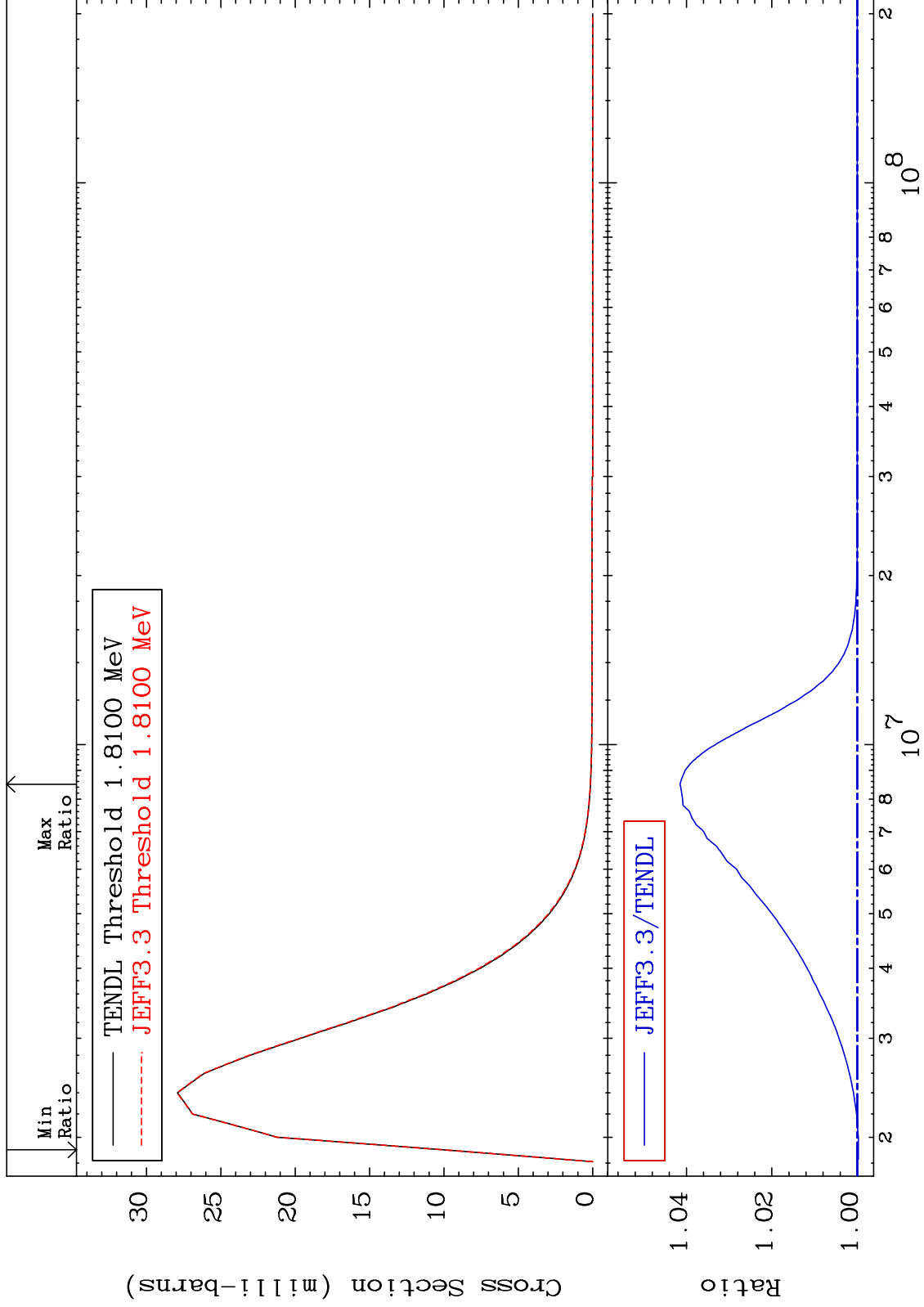
30-Zn-67
-0.025 To 4.151 %



MAT 3034

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

30-Zn-67
-0.026 To 4.150 %



45

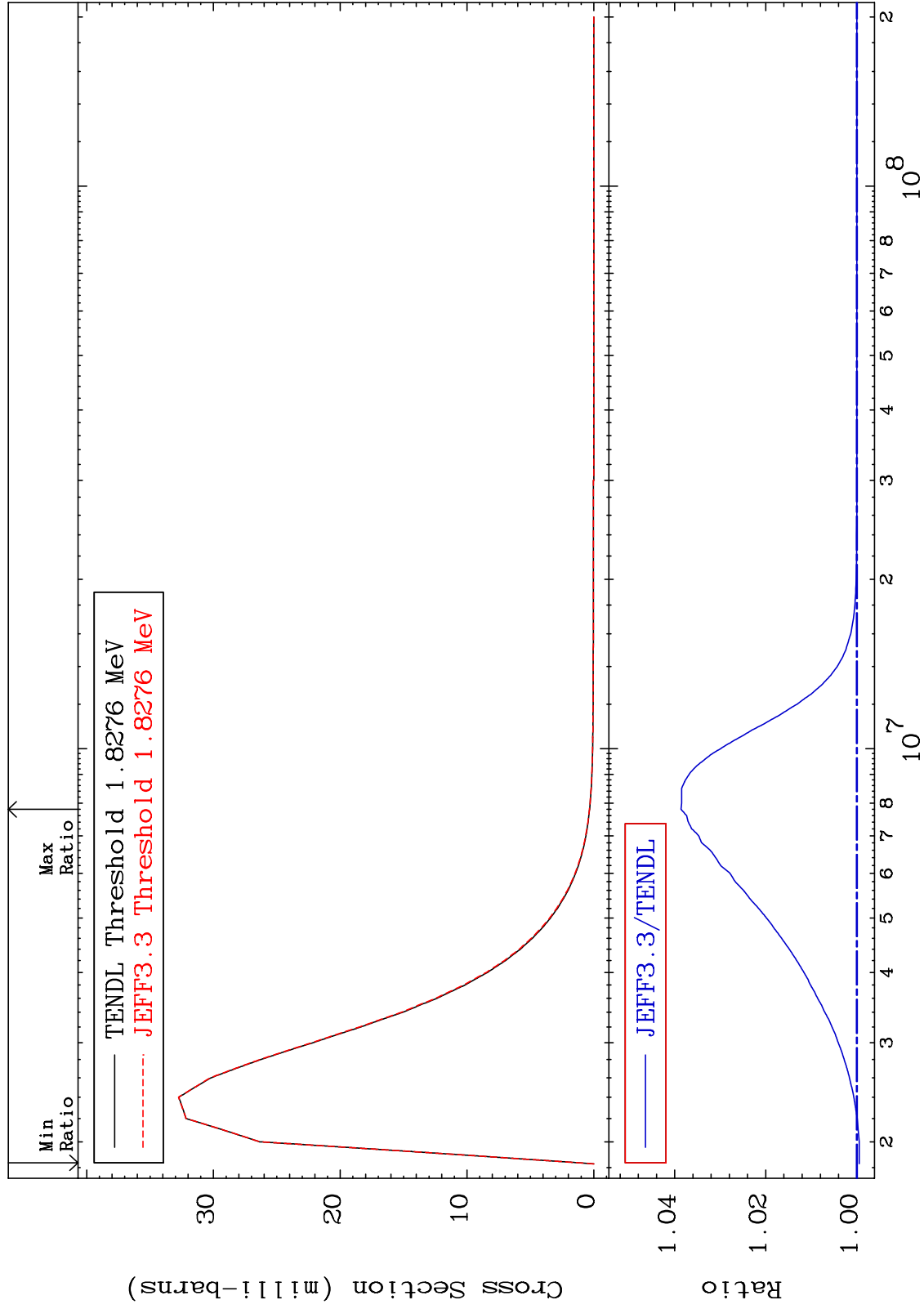
Incident Energy (eV)

30-Zn-67

MAT 3034

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

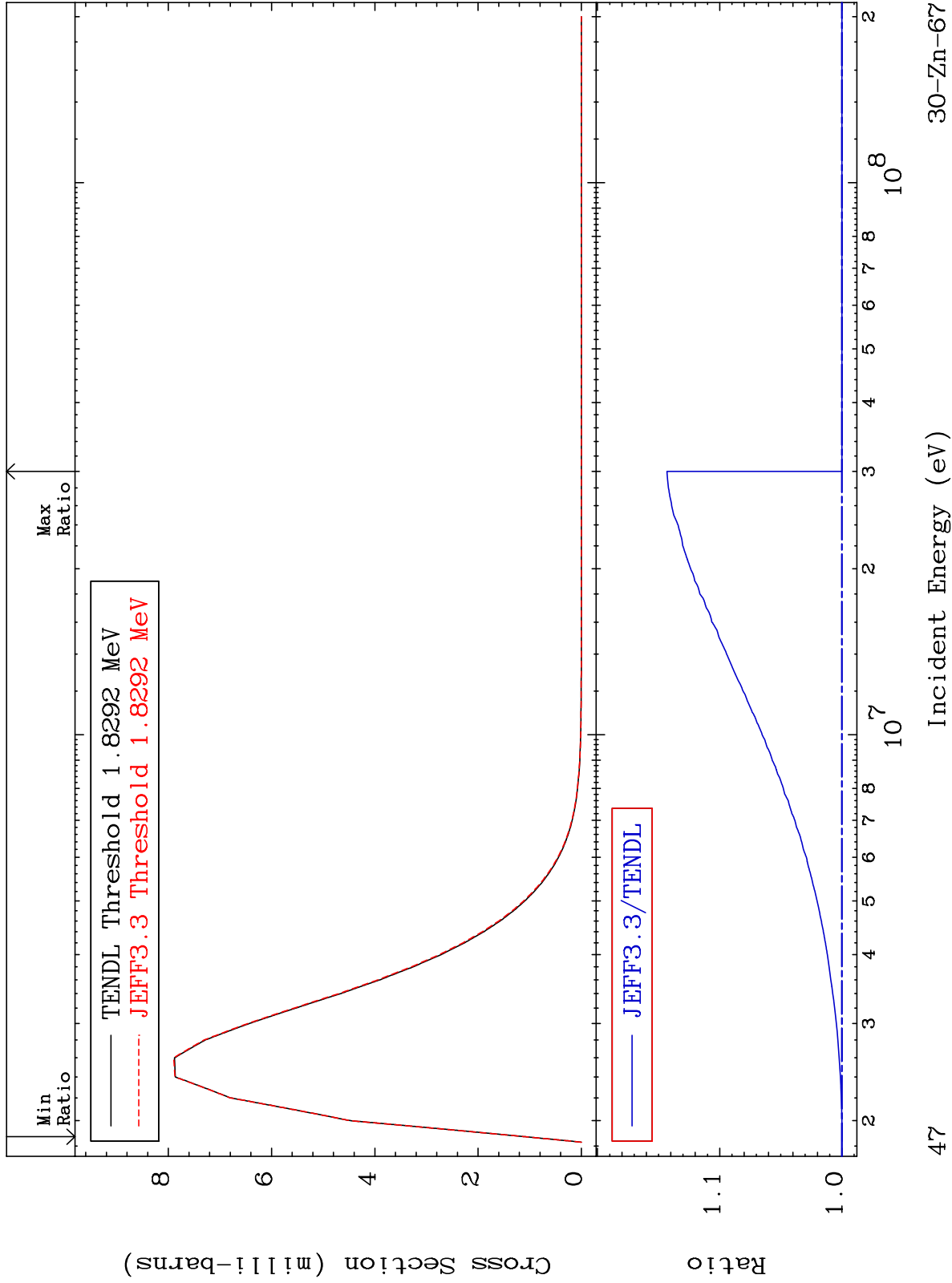
30-Zn-67
-0.055 To 3.861 %



MAT 3034

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

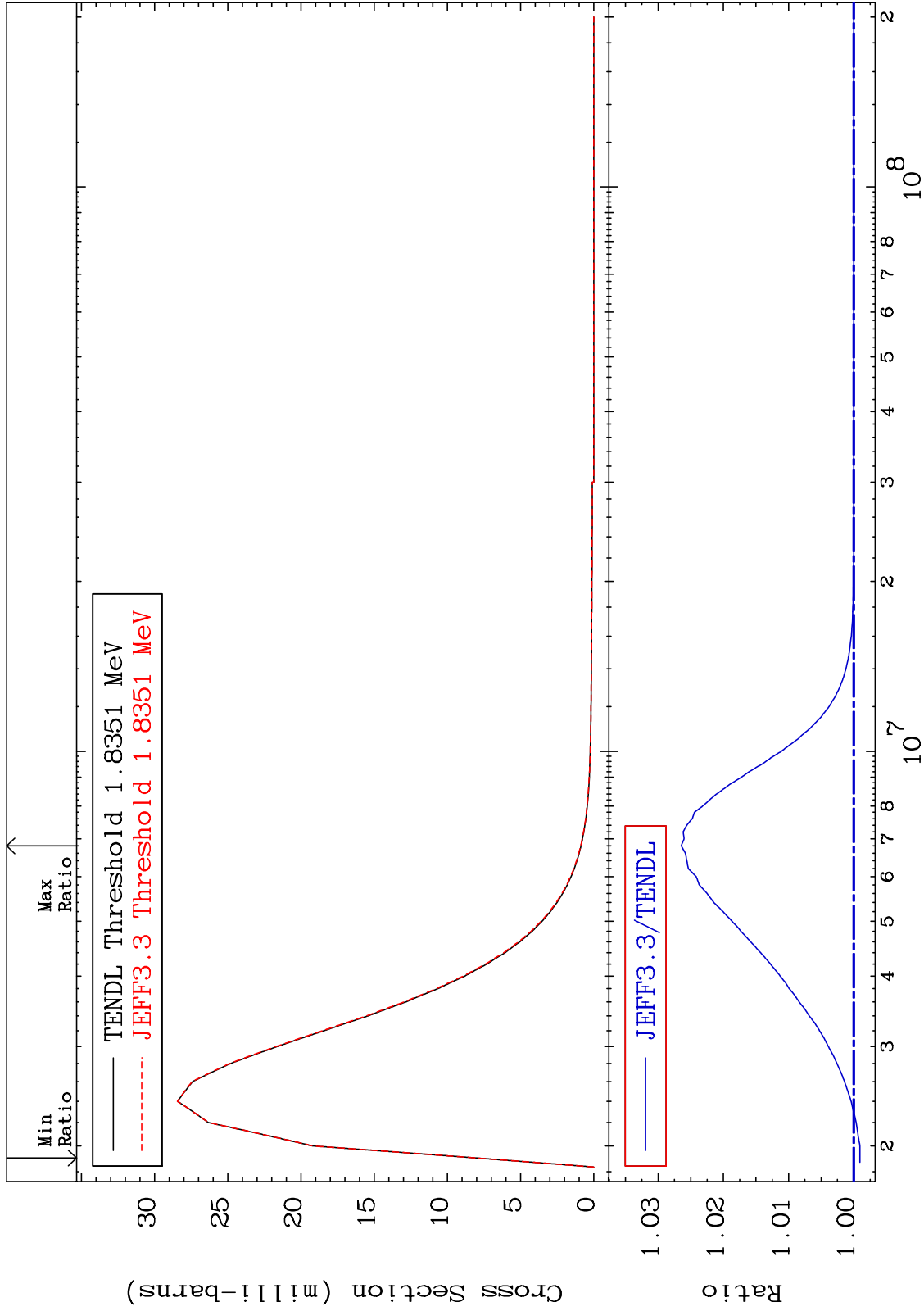
30-Zn-67
-0.007 To 14.31 %



MAT 3034

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

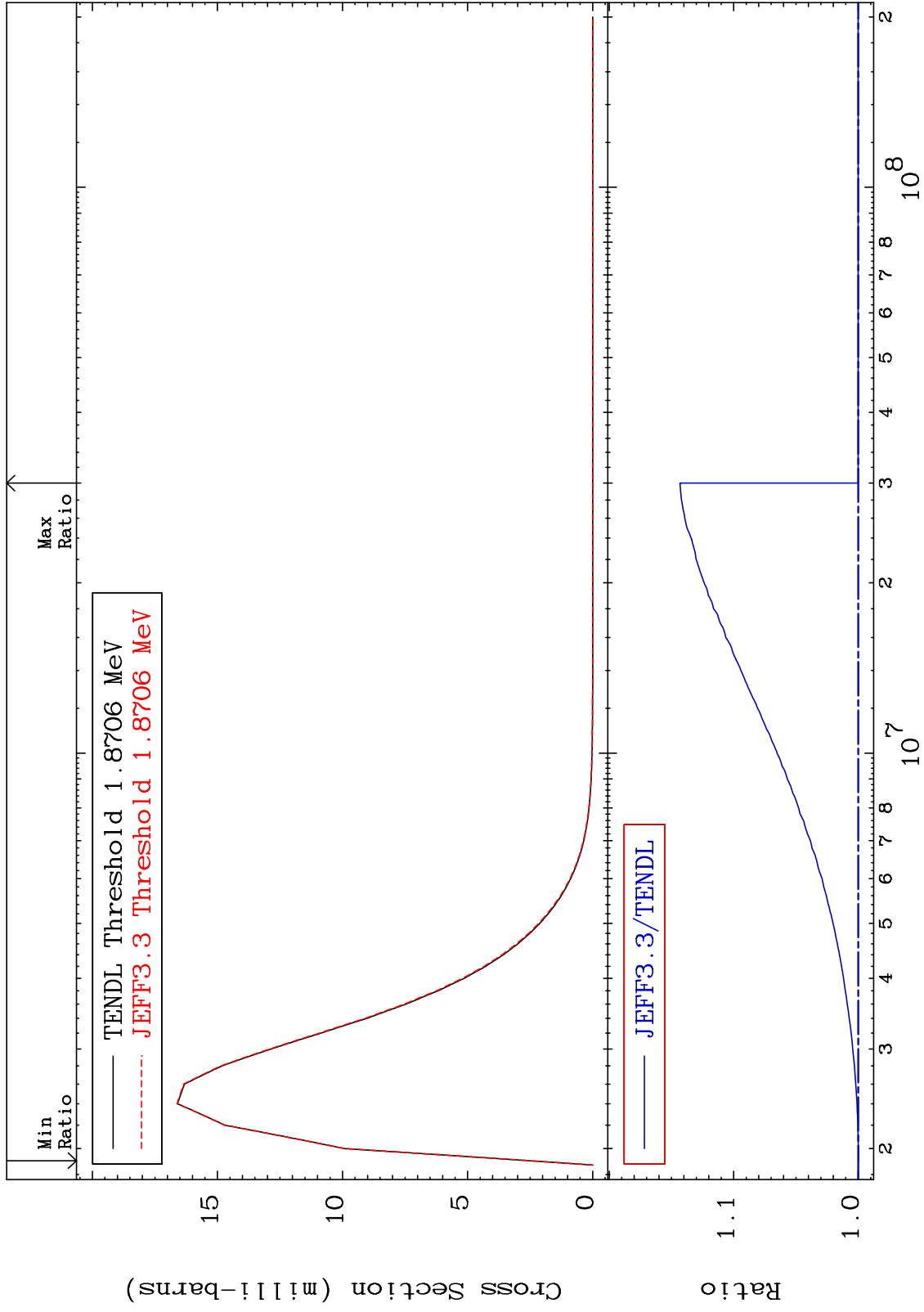
30-Zn-67
-0.095 To 2.646 %



MAT 3034

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

30-Zn-67
-0.013 To 14.31 %



49

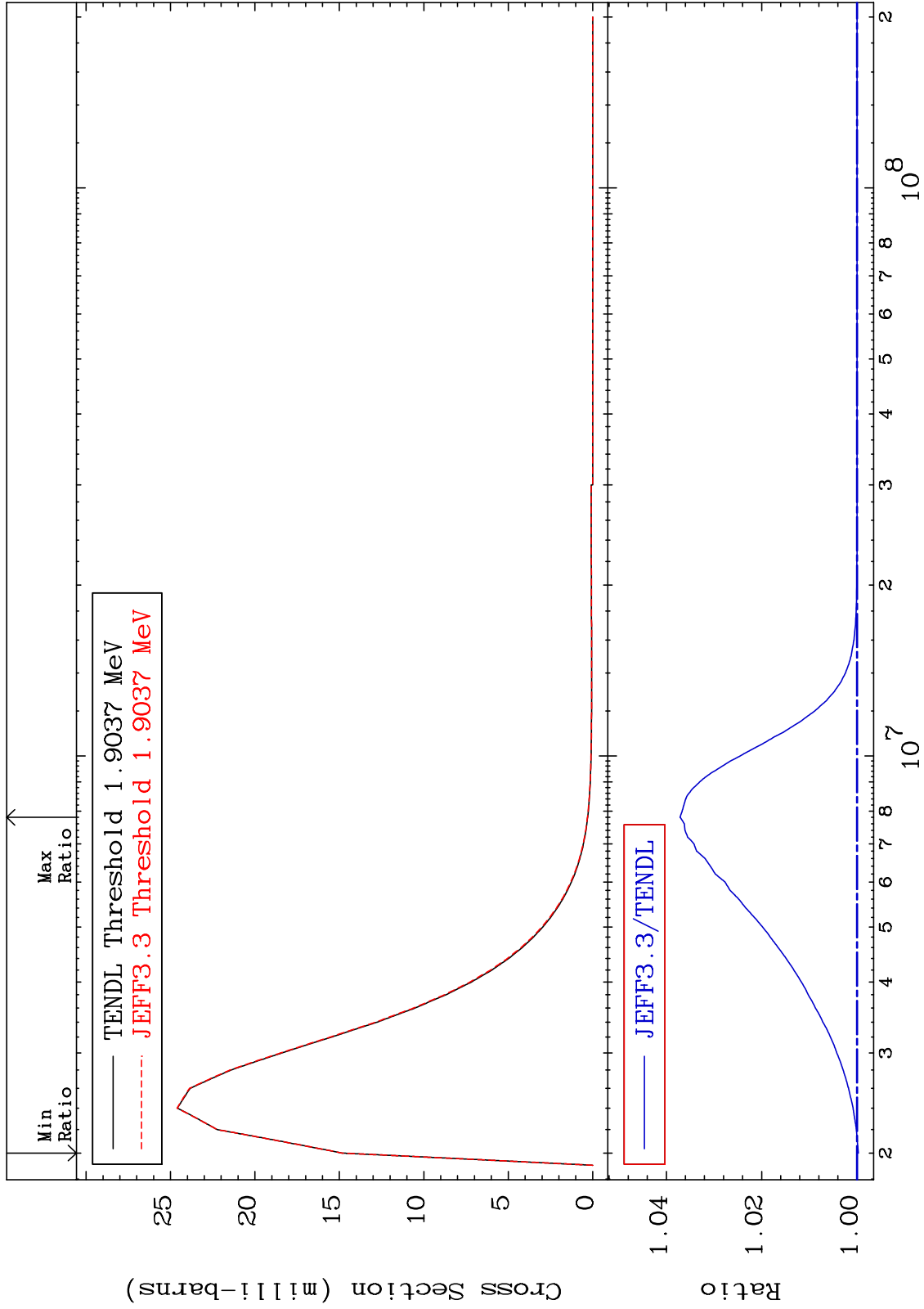
Incident Energy (eV)

30-Zn-67

MAT 3034

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

30-Zn-67
-0.030 To 3.713 %



50

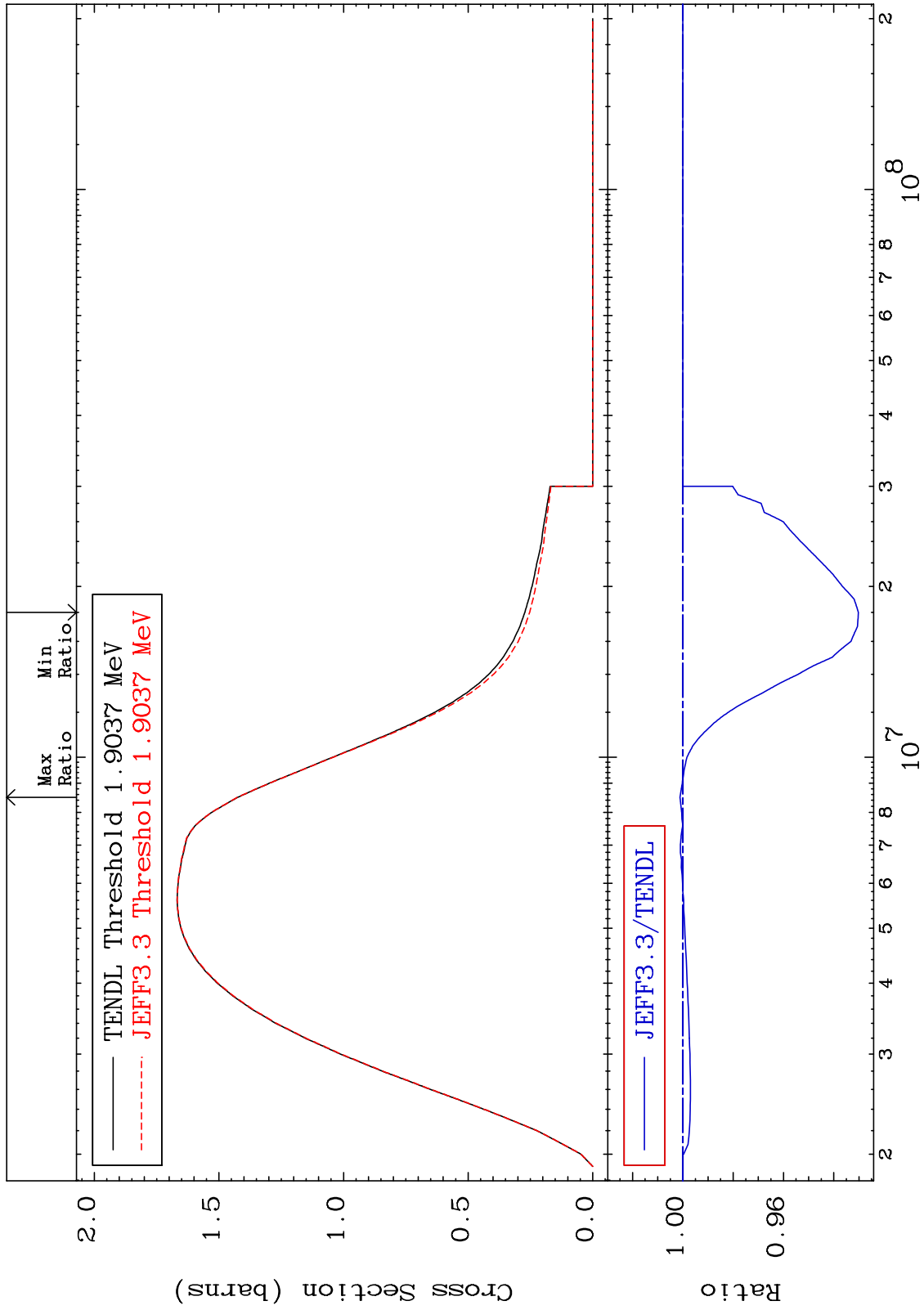
Incident Energy (eV)

30-Zn-67

MAT 3034

(n, n') Continuum
Cross Section

30-Zn-67
-6.980 To 0.112 %

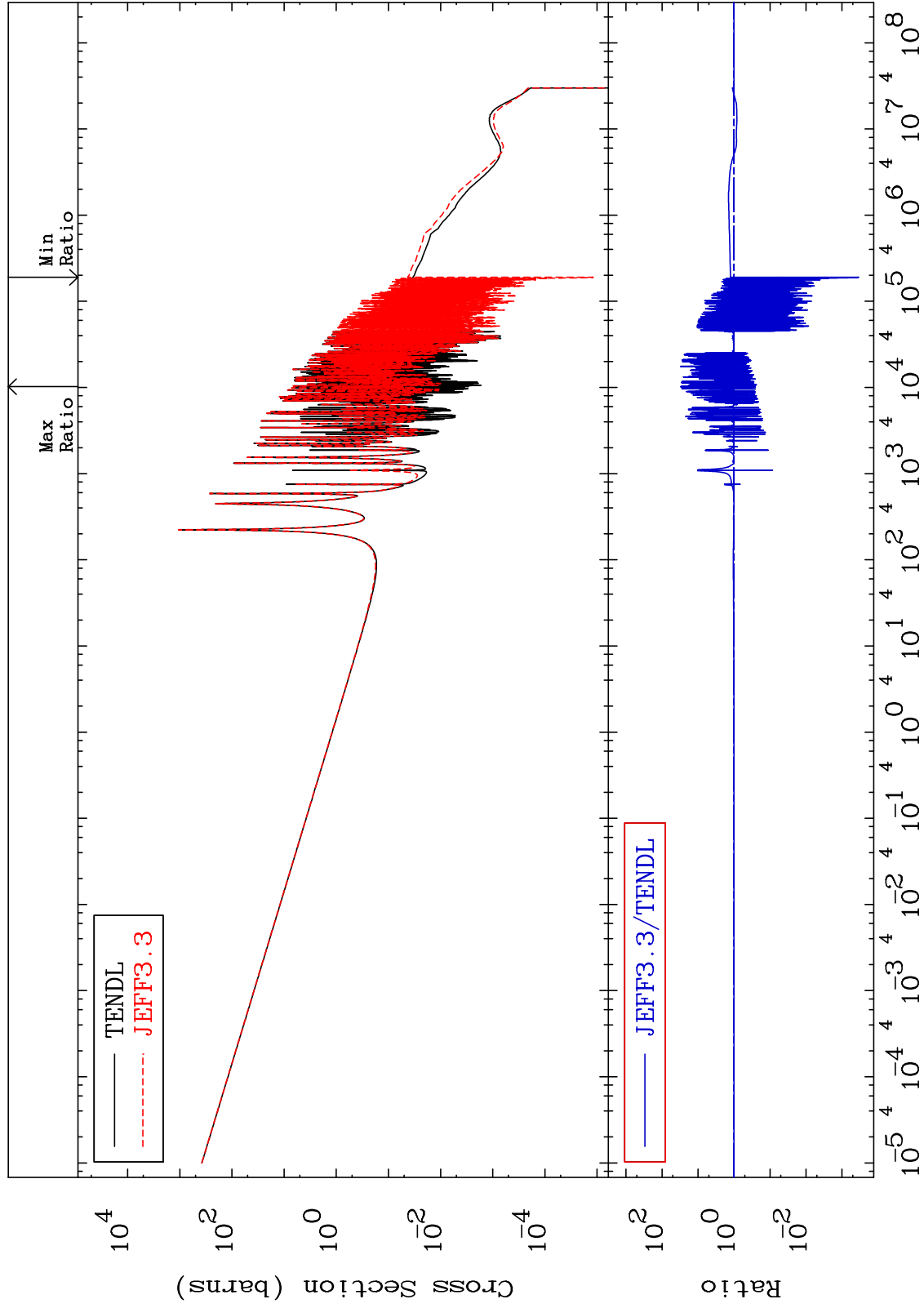


MAT 3034

30-Zn-67

(n, γ)
Cross Section

-99.97 To 2976. %



30-Zn-67

Incident Energy (eV)

52

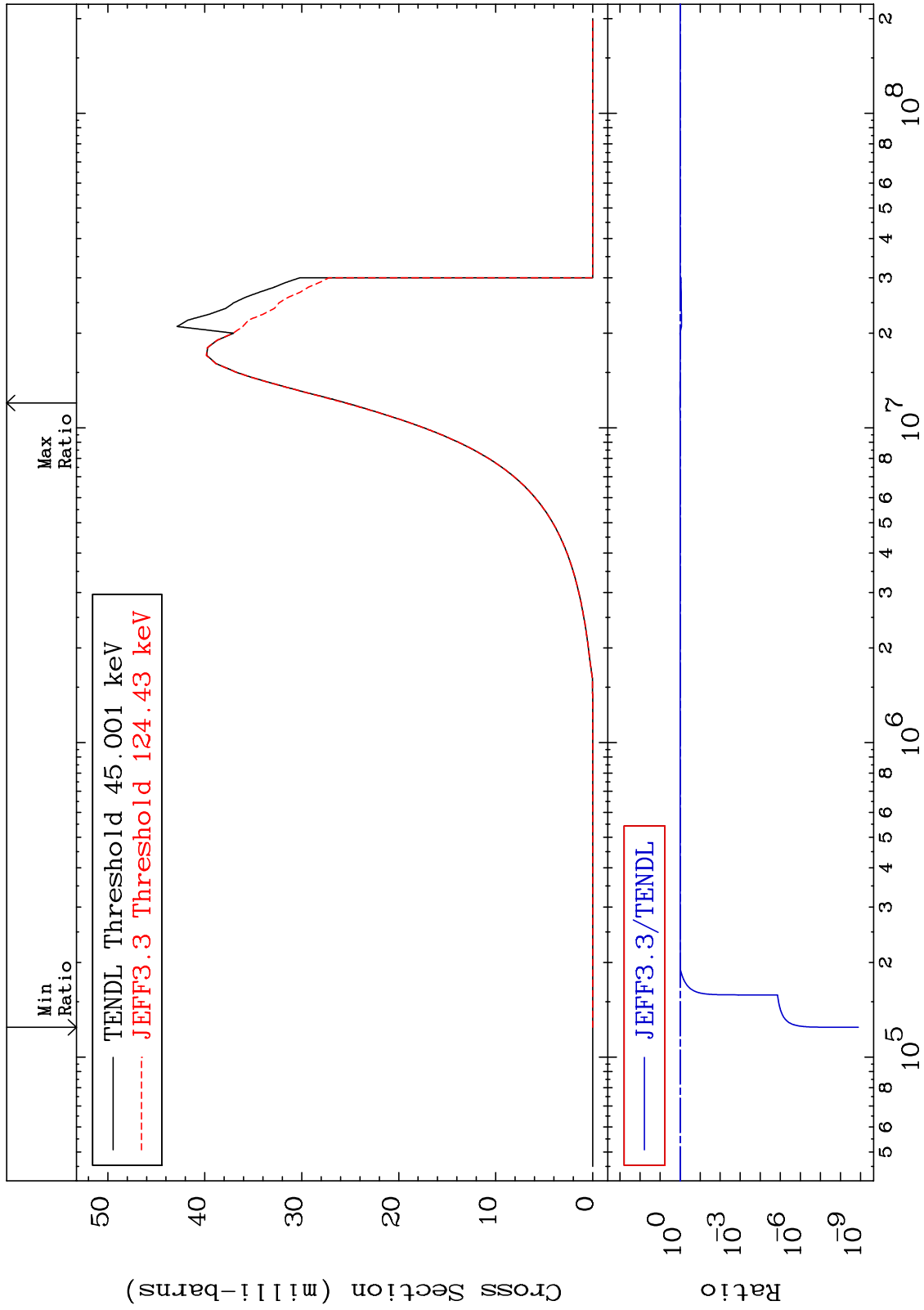
MAT 3034

(n, p)

30-Zn-67

Cross Section

-100.0 To 0.577 %



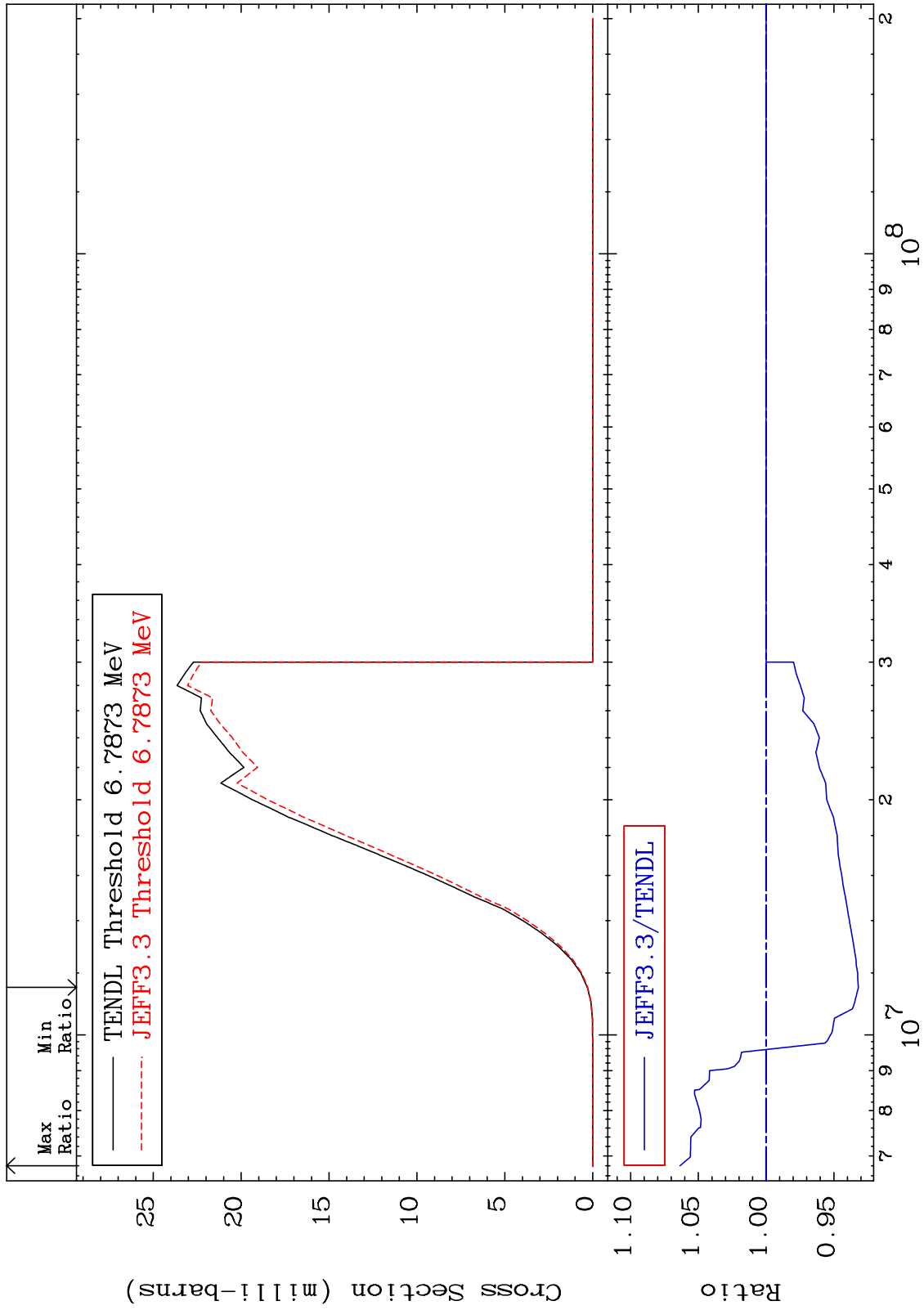
MAT 3034

(n, d)

30-Zn-67

Cross Section

-6.814 To 6.355 %



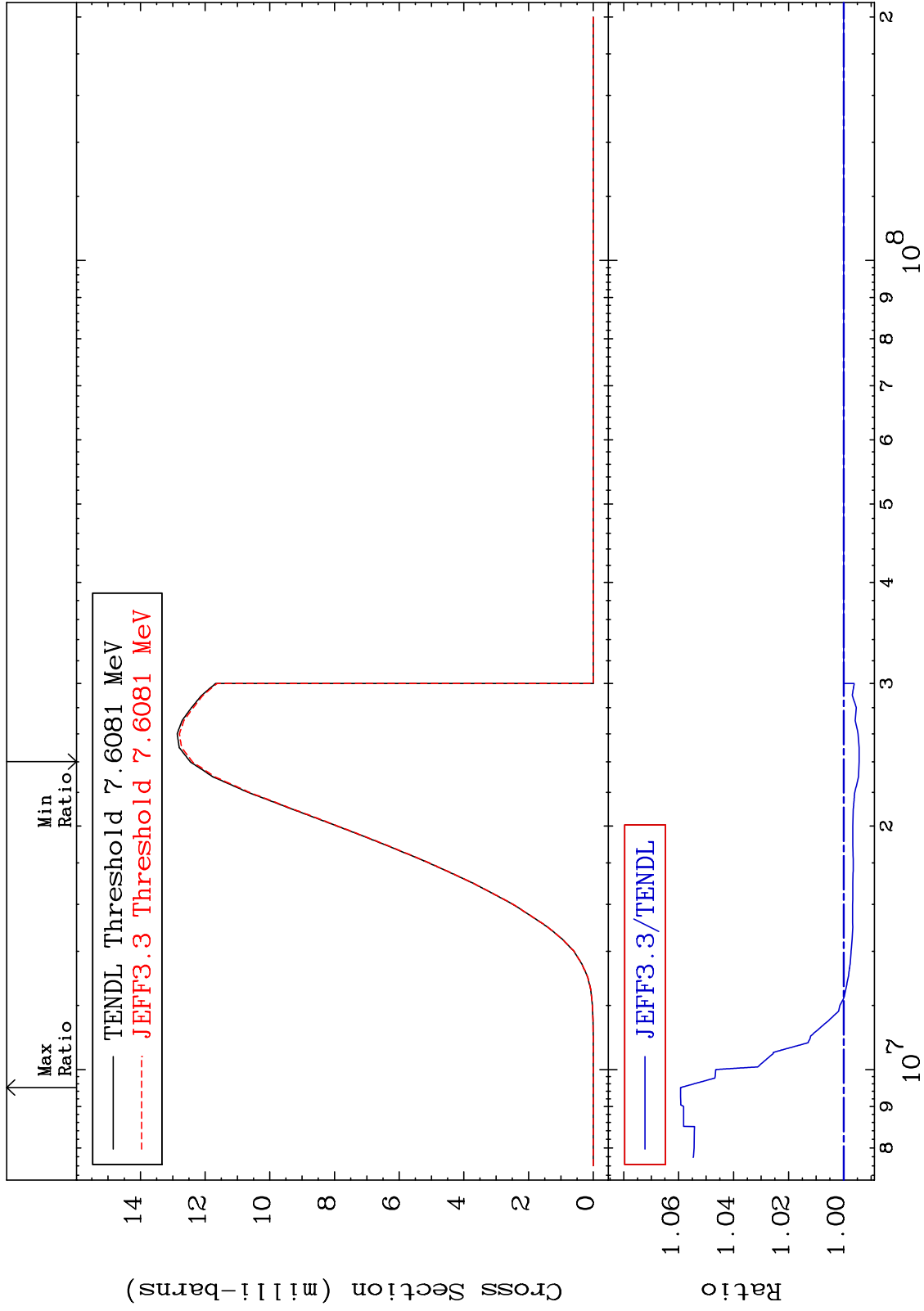
MAT 3034

(n, t)

30-Zn-67

Cross Section

-0.563 To 5.930 %



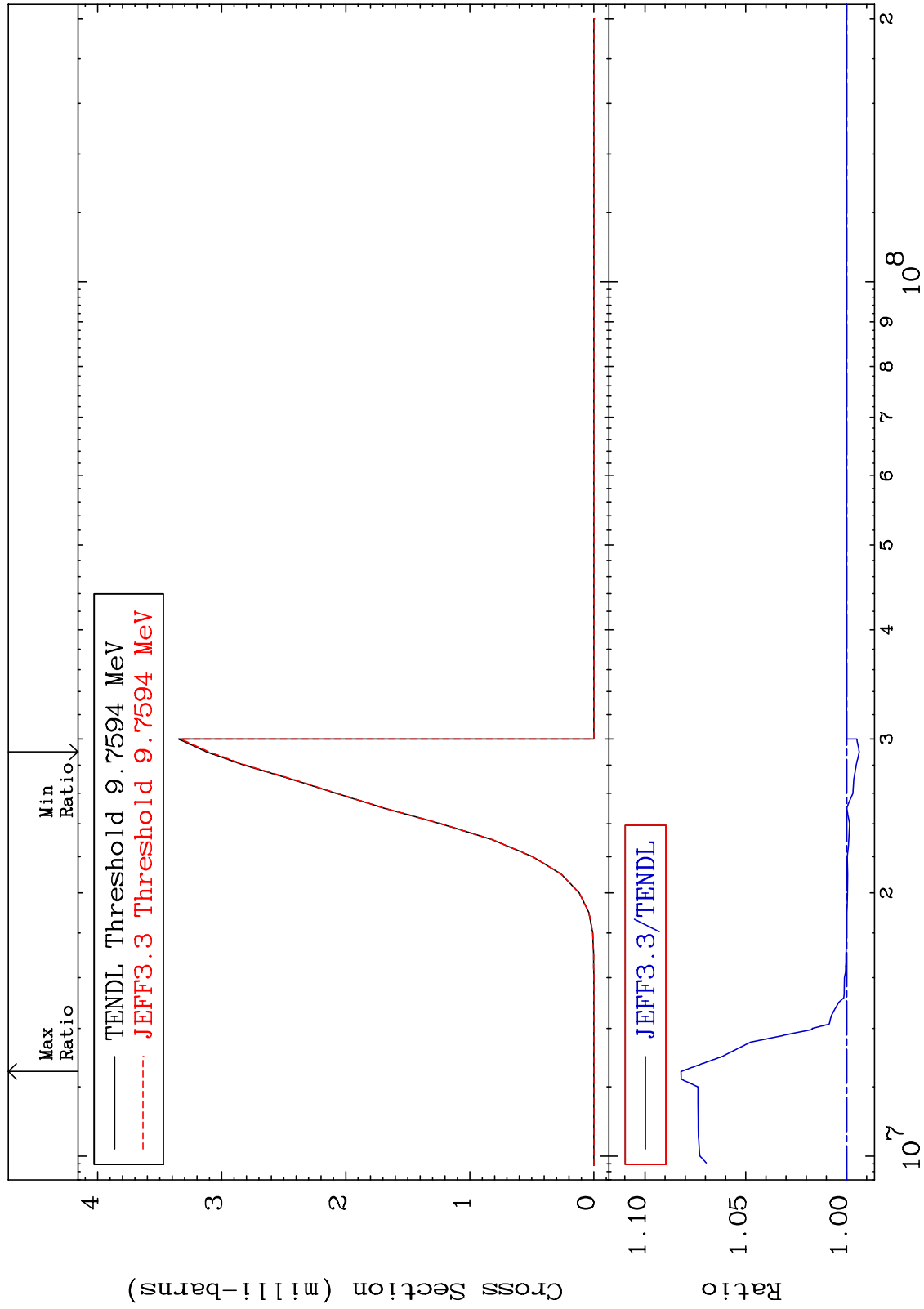
MAT 3034

(n, He-3)

30-Zn-67

Cross Section

-0.631 To 8.212 %



56

Incident Energy (eV)

30-Zn-67

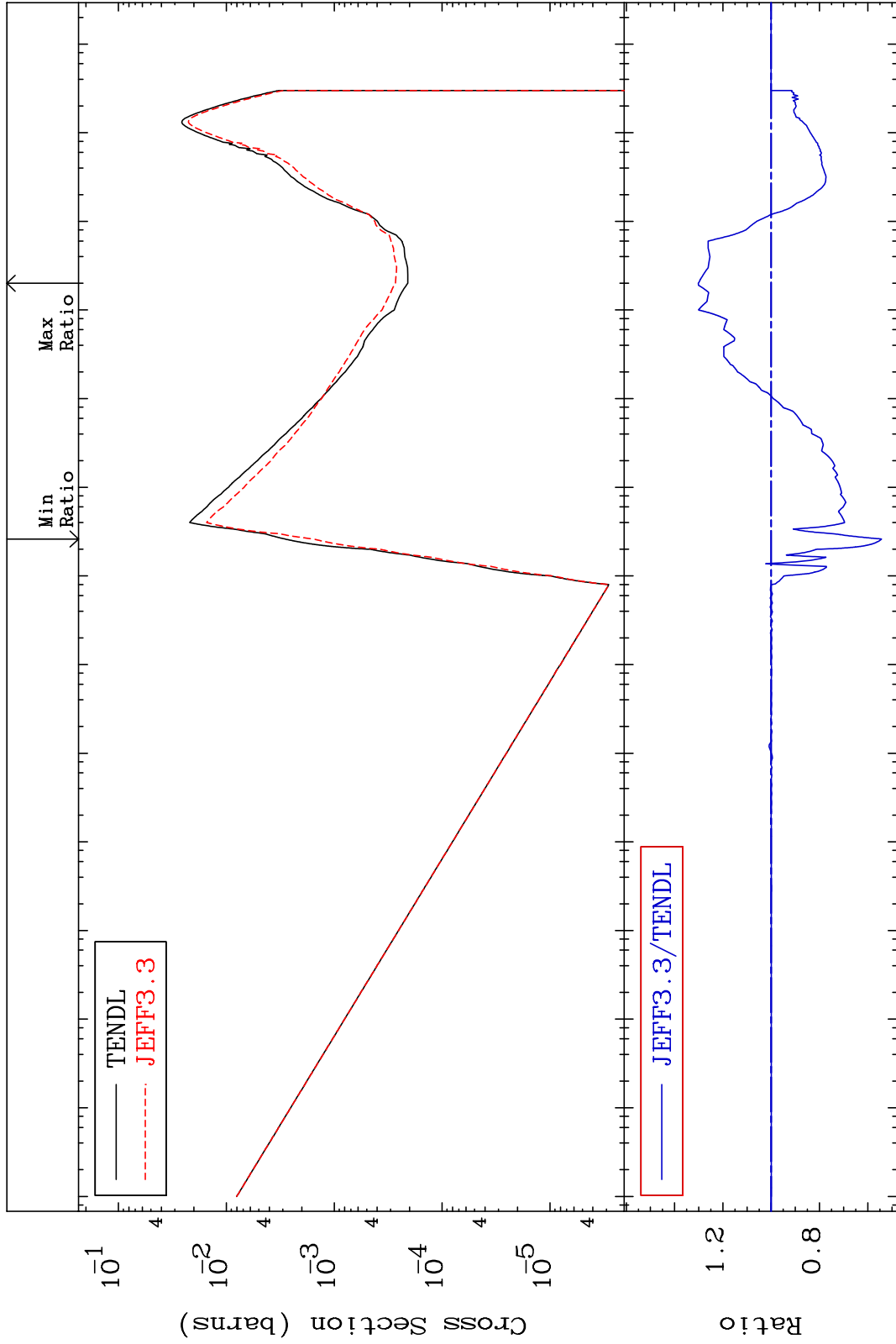
MAT 3034

(n, α)

30-Zn-67

Cross Section

-45.70 To 30.16 %



57

Incident Energy (eV)

30-Zn-67

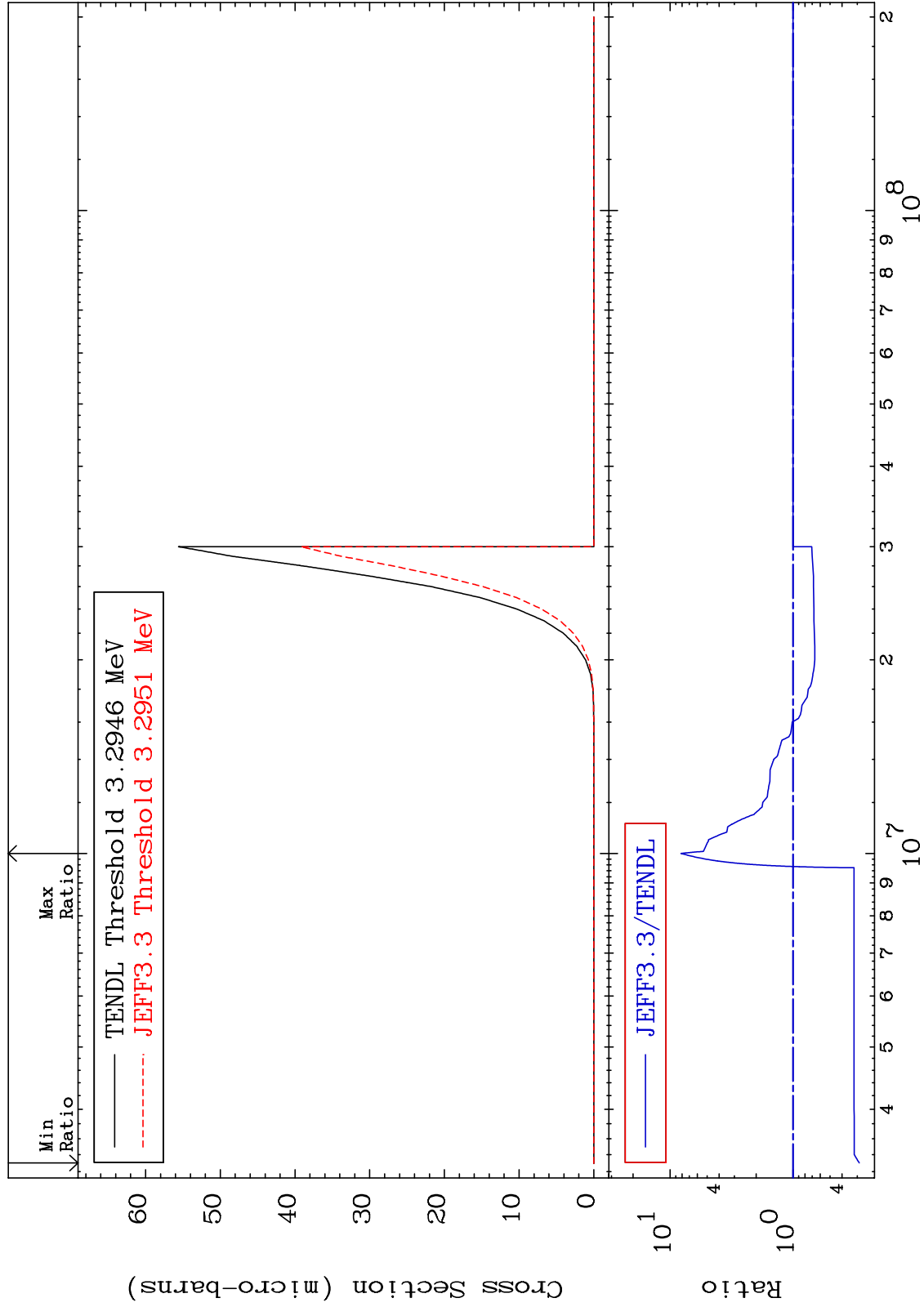
MAT 3034

(n, 2α)

30-Zn-67

Cross Section

-71.07 To 715.1 %



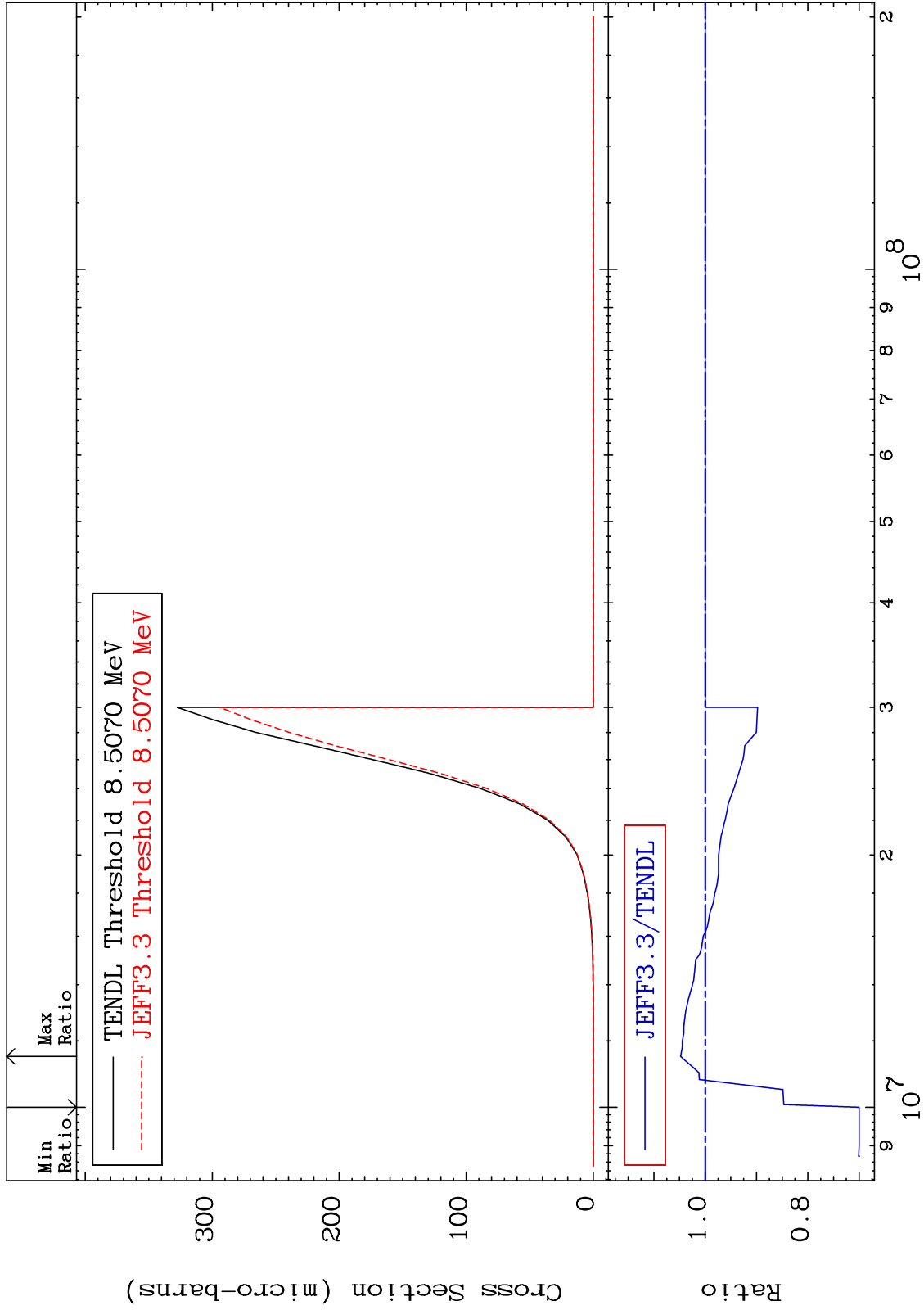
MAT 3034

(n,2p)

30-Zn-67

Cross Section

-30.00 To 4.787 %



59

Incident Energy (eV)

30-Zn-67

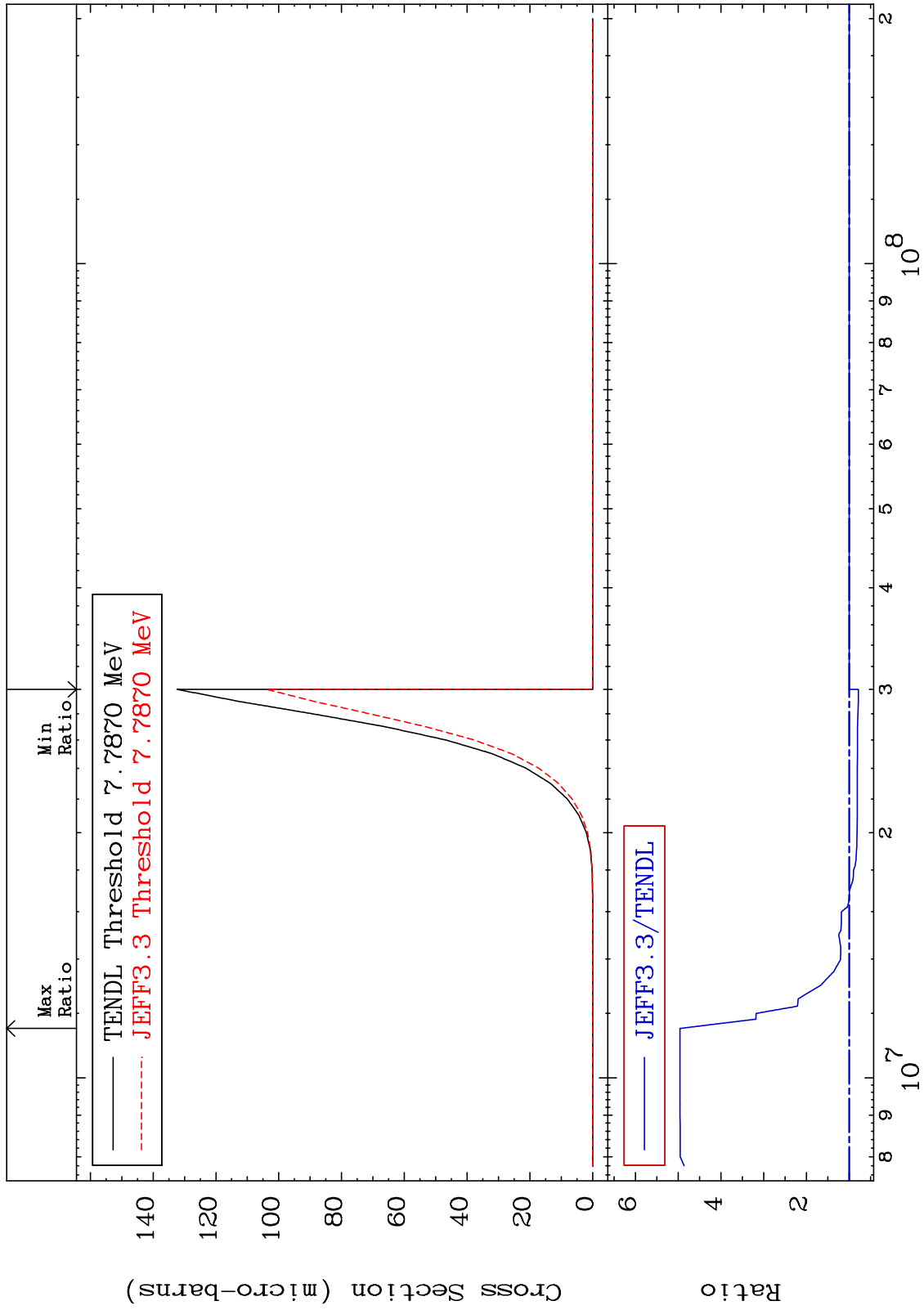
MAT 3034

(n,p) α

30-Zn-67

Cross Section

-21.55 To 395.6 %



60

Incident Energy (eV)

30-Zn-67

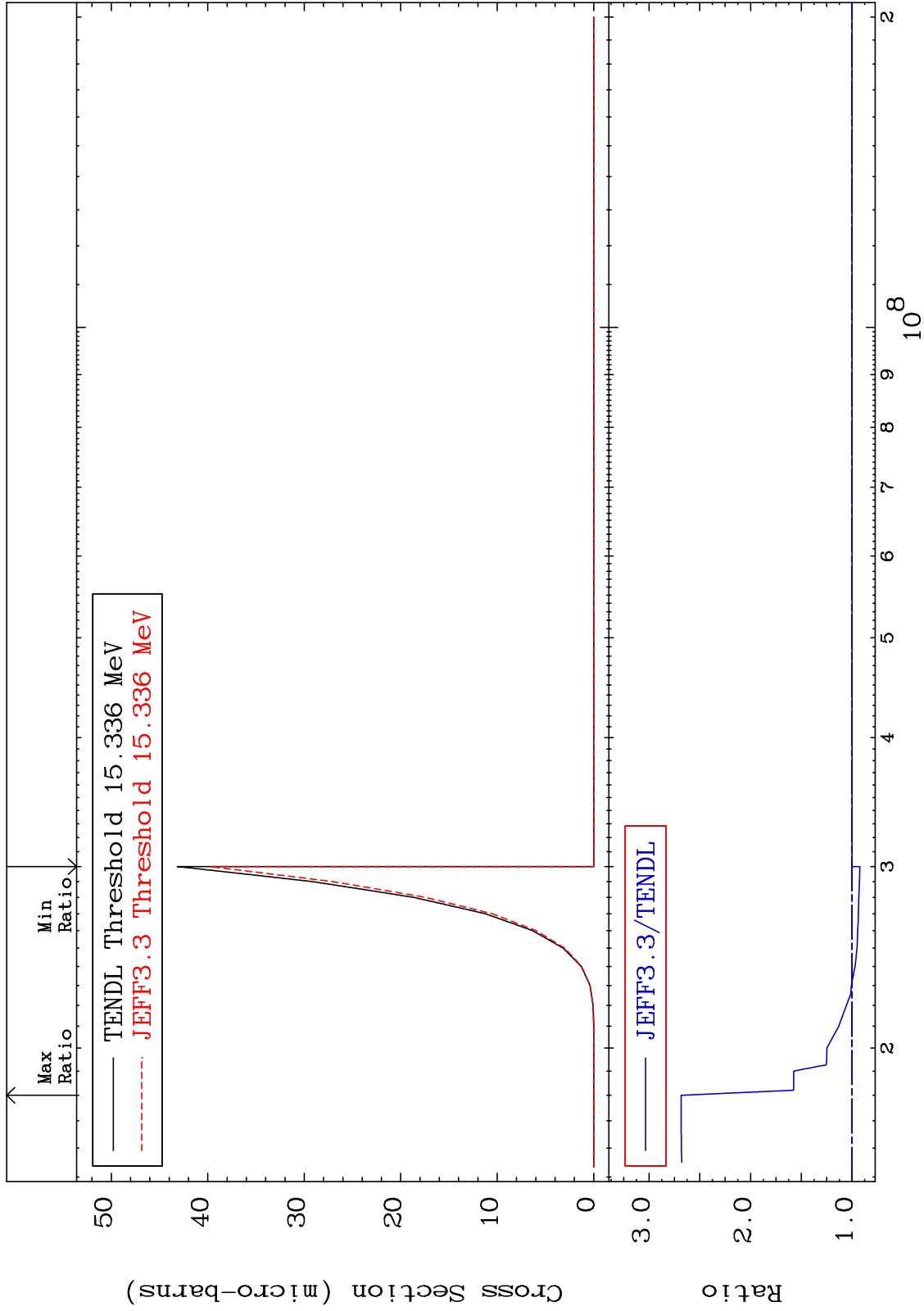
MAT 3034

(n,p) d

30-Zn-67

Cross Section

-7.730 To 168.3 %



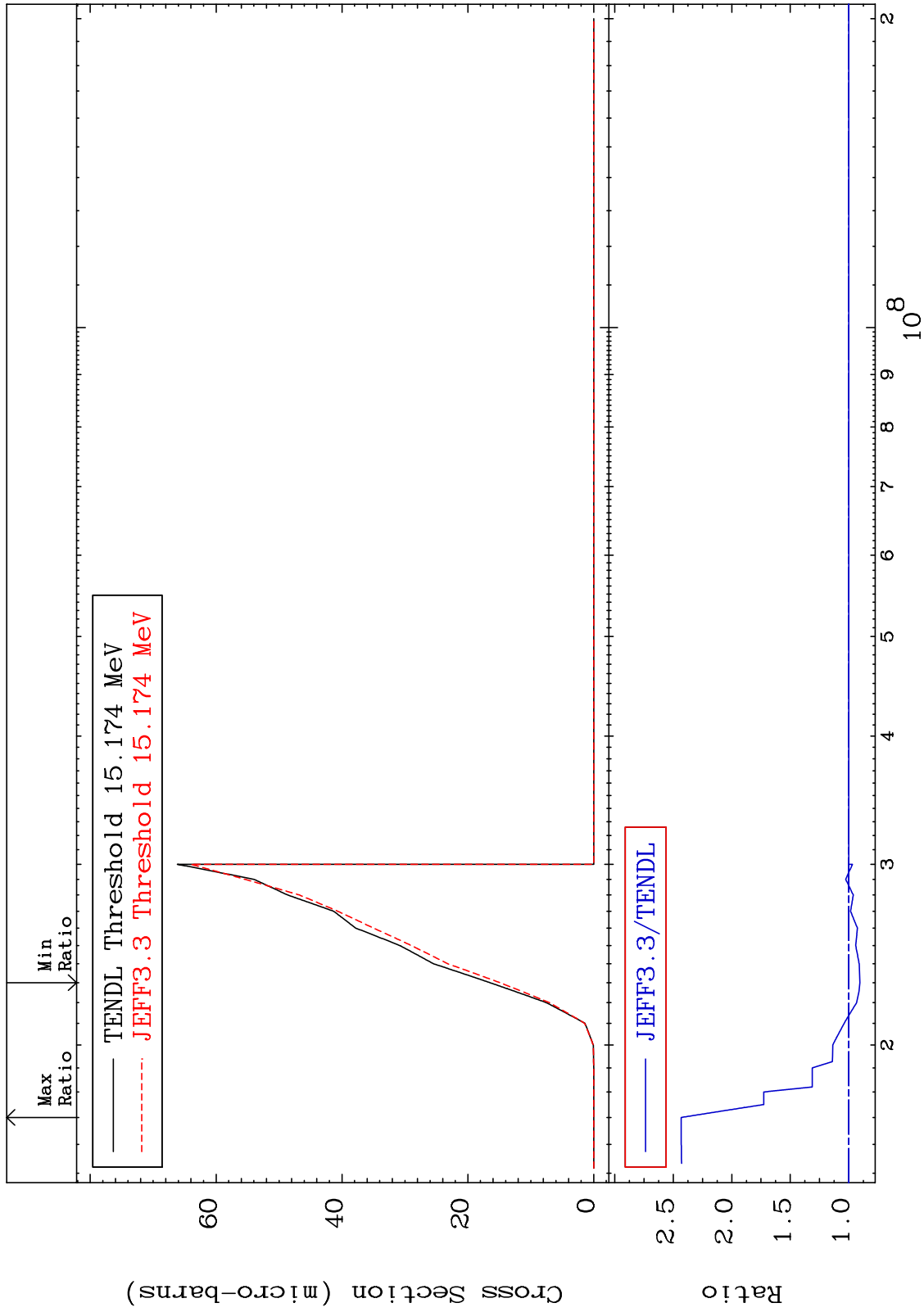
MAT 3034

(n,p) t

30-Zn-67

Cross Section

-9.588 To 143.2 %



62

Incident Energy (eV)

30-Zn-67

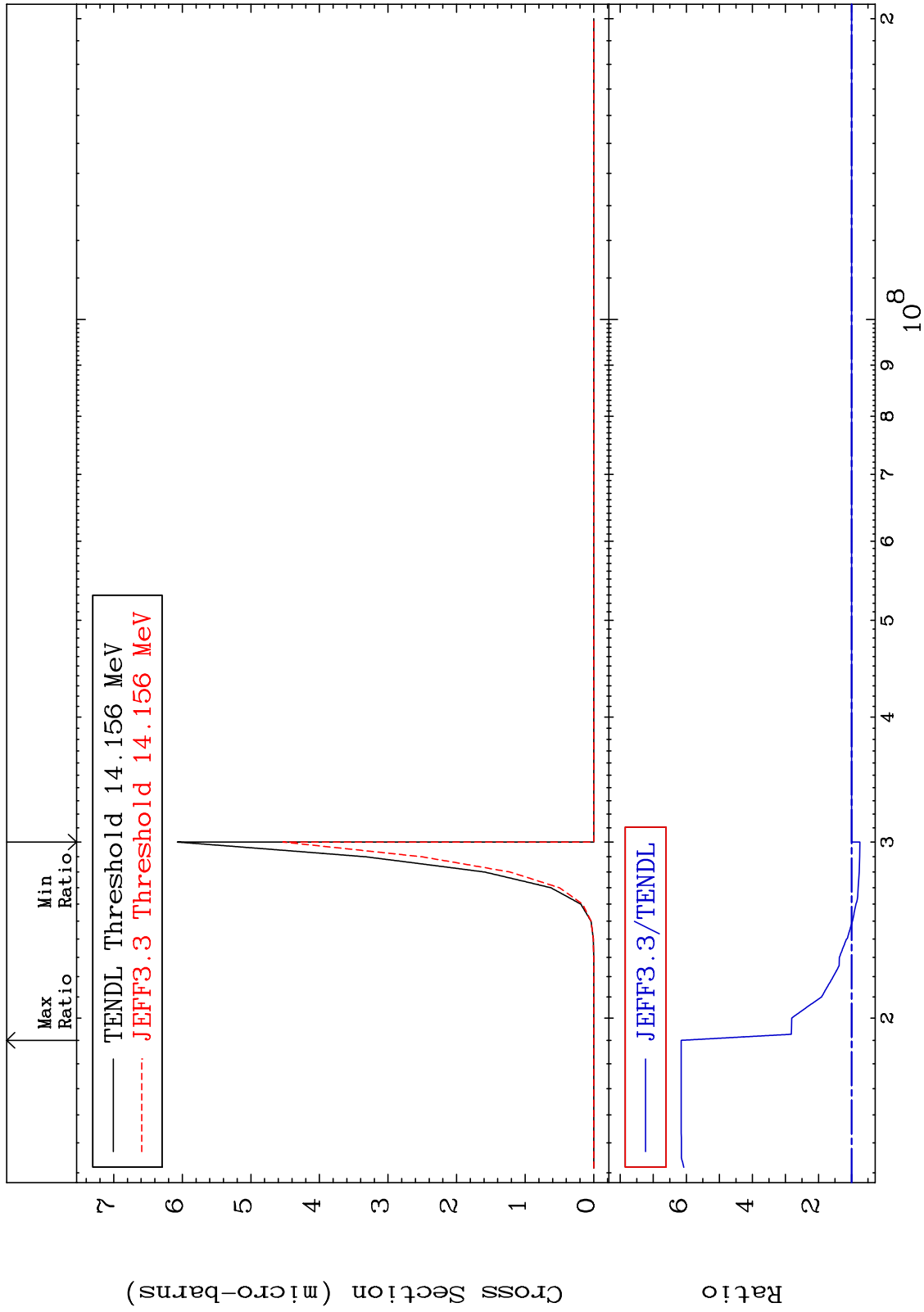
MAT 3034

(n,d) α

30-Zn-67

Cross Section

-25.36 To 515.5 %



63

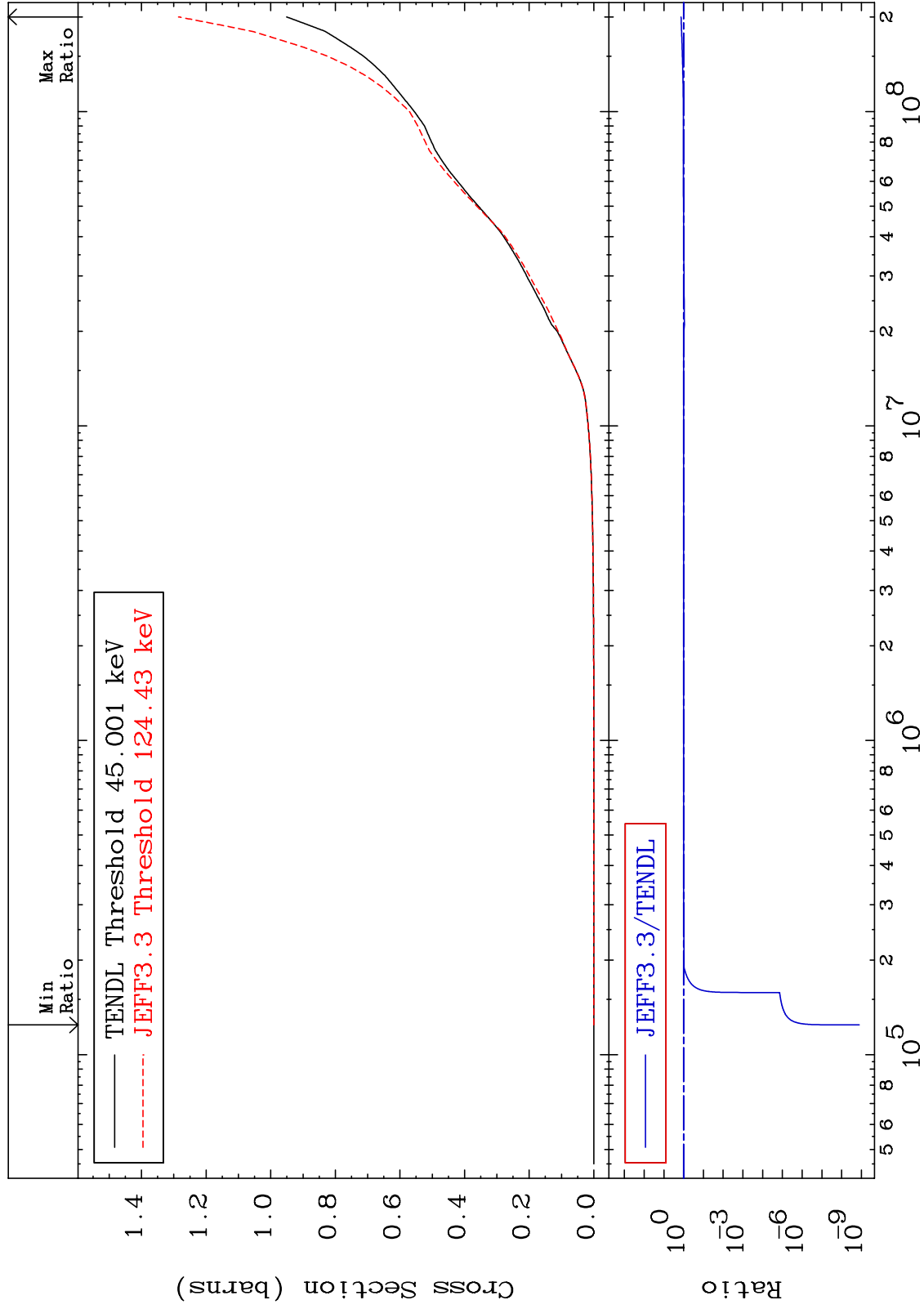
Incident Energy (eV)

30-Zn-67

MAT 3034

Hydrogen Production
Cross Section

30-Zn-67
-100.0 To 35.15 %



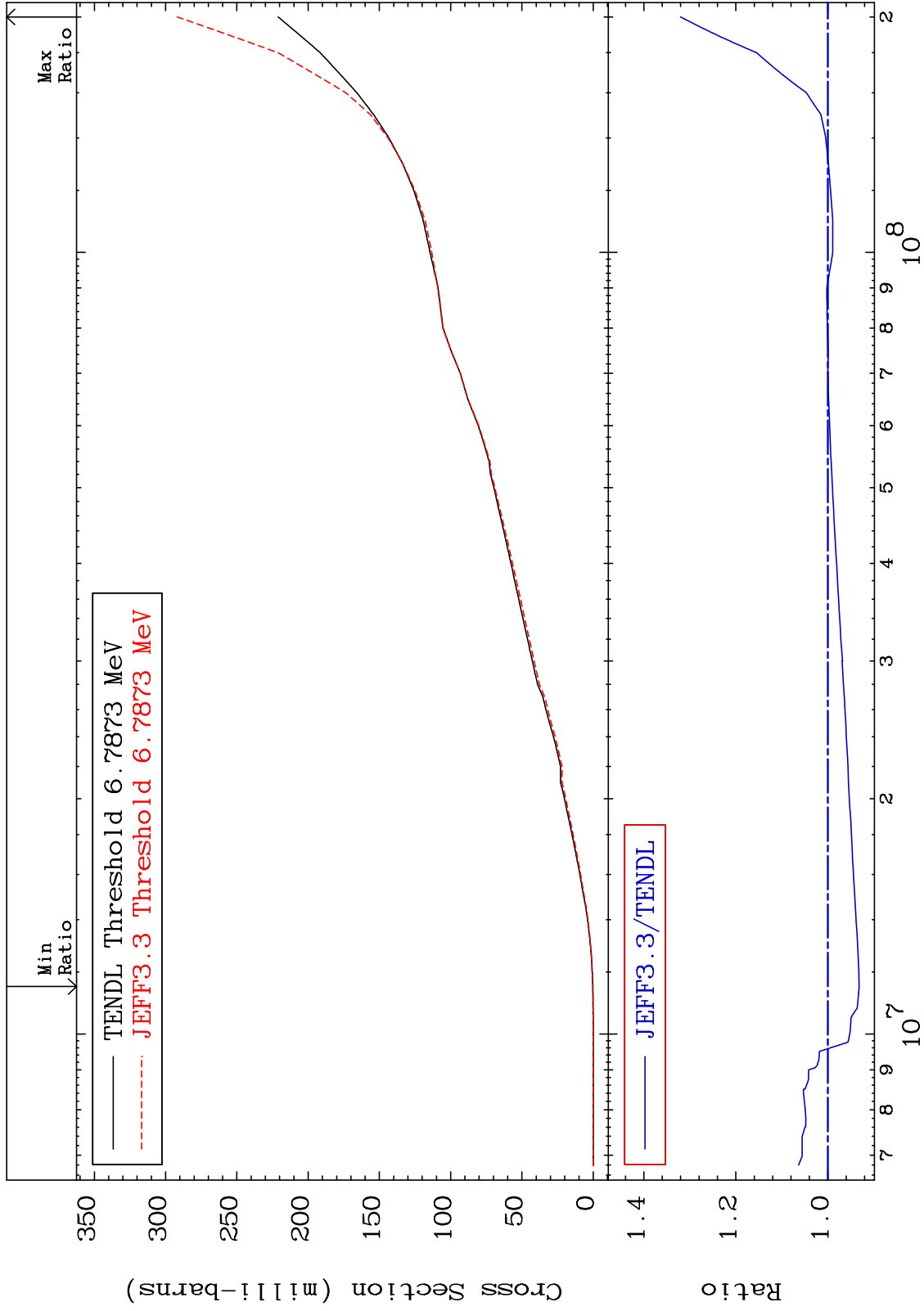
64

30-Zn-67

MAT 3034

Deuterium Production
Cross Section

30-Zn-67
-6.814 To 32.01 %



65

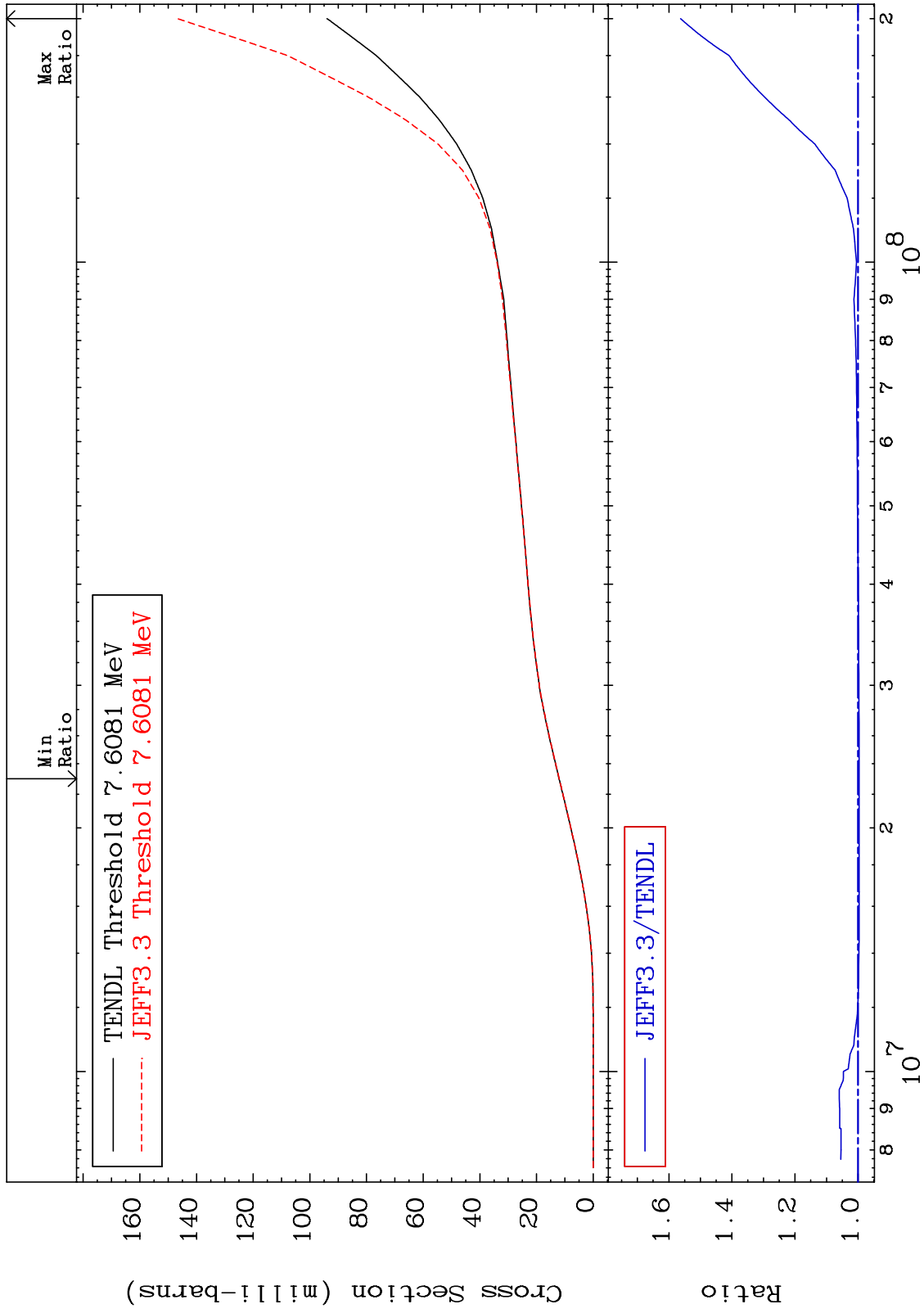
Incident Energy (eV)

30-Zn-67

MAT 3034

Tritium Production
Cross Section

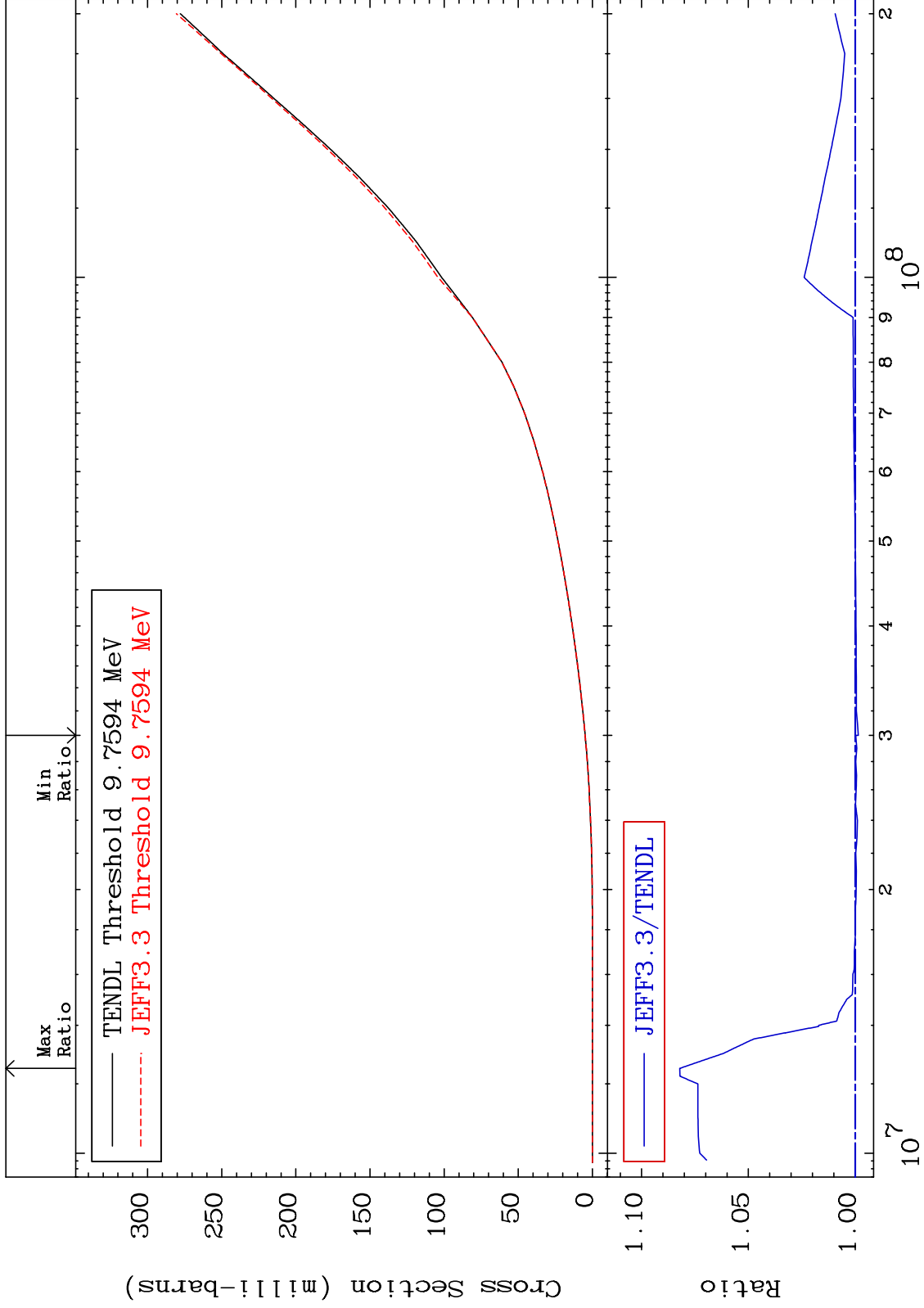
30-Zn-67
-0.354 To 56.28 %



MAT 3034

He-3 Production
Cross Section

30-Zn-67
-0.149 To 8.212 %



67

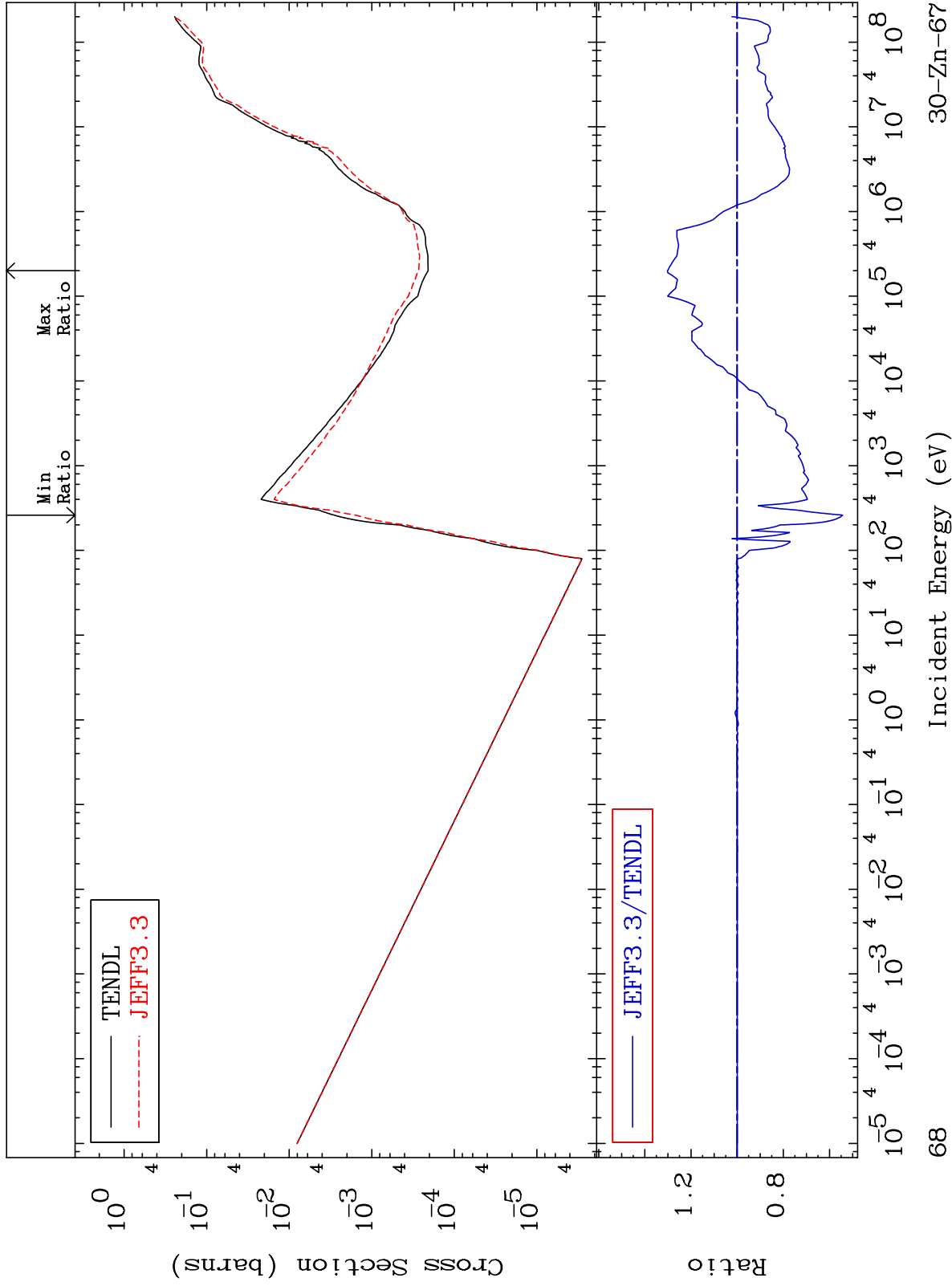
Incident Energy (eV)

30-Zn-67

MAT 3034

He-4 Production
Cross Section

30-Zn-67
-45.70 To 30.16 %

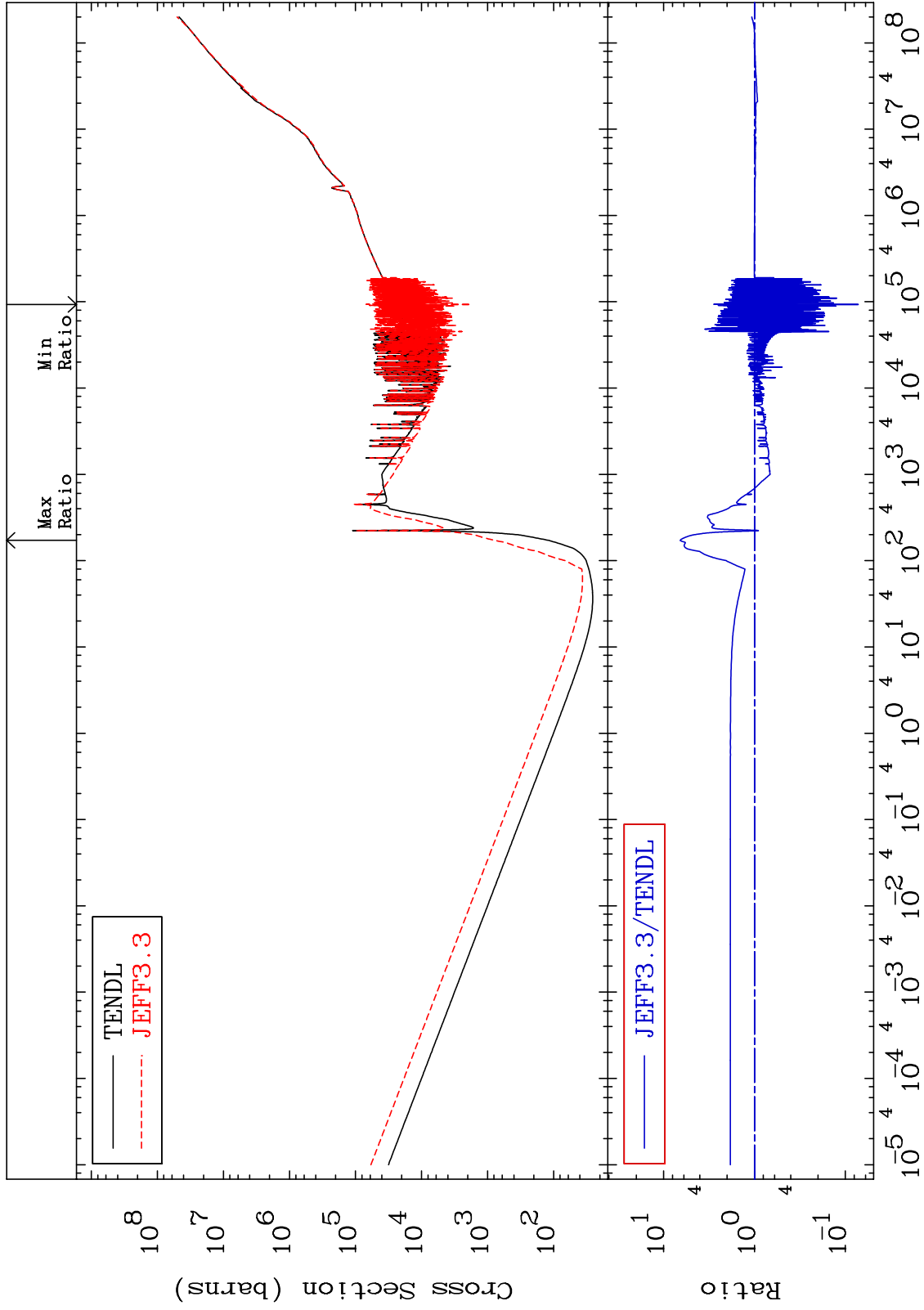


MAT 3034

Kerma total (eV-barns)
Cross Section

30-Zn-67

-92.82 To 560.4 %



69

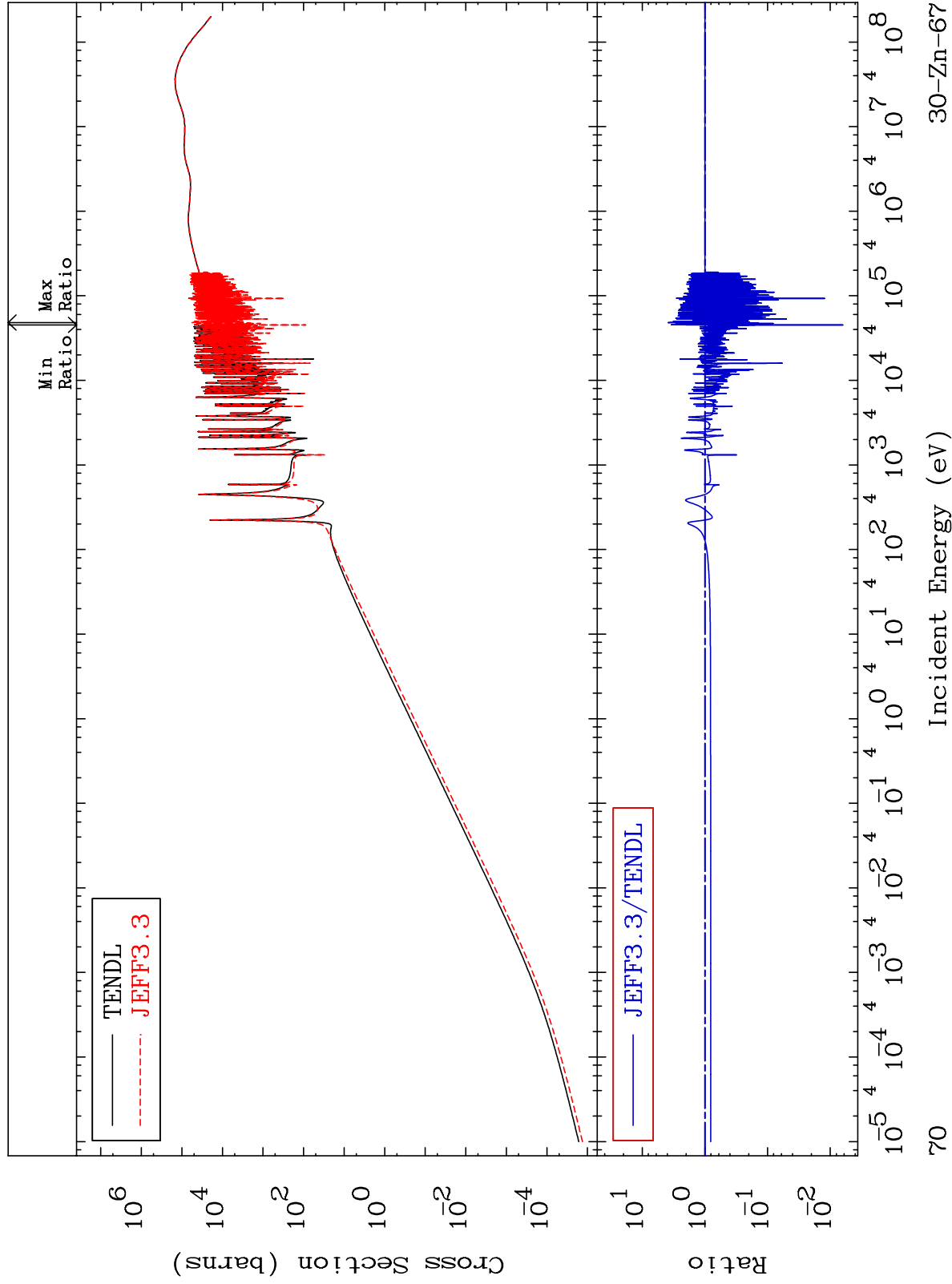
Incident Energy (eV)

30-Zn-67

MAT 3034

Kerma elastic
Cross Section

30-Zn-67
-99.37 To 288.6 %



70

Incident Energy (eV)

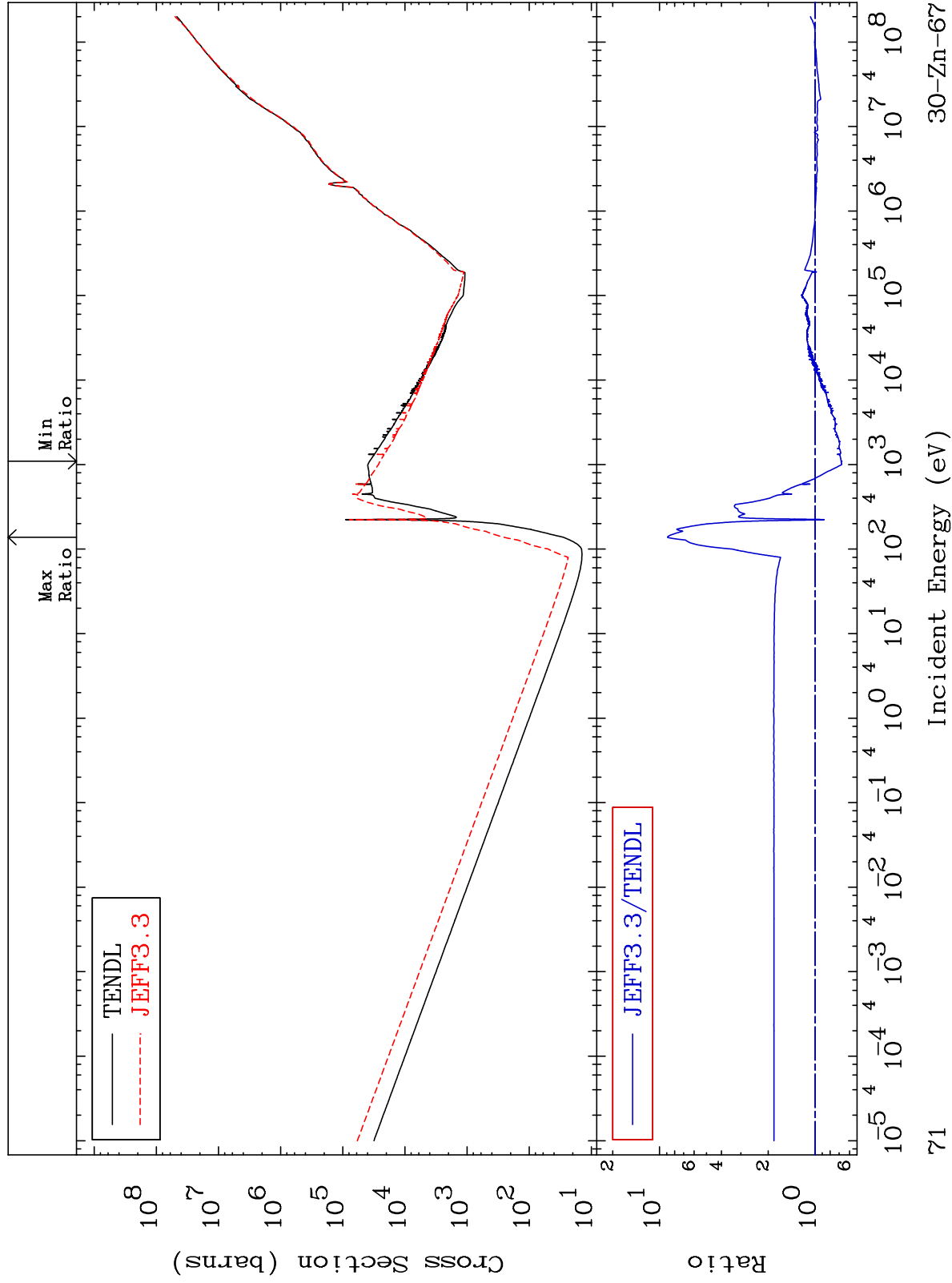
30-Zn-67

MAT 3034

Kerma non-elastic (all but mt2)
Cross Section

30-Zn-67

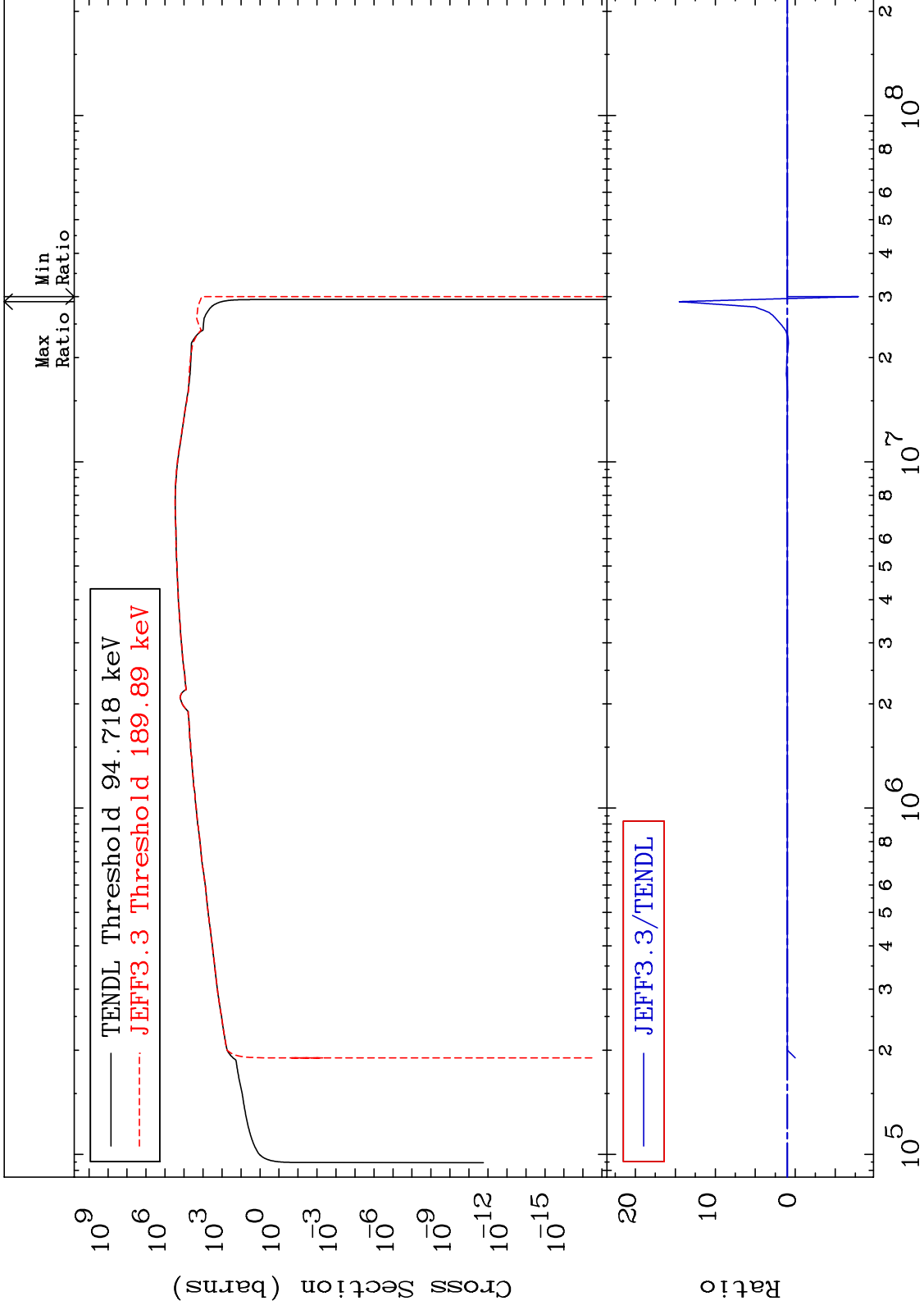
-32.97 To 790.0 %



MAT 3034

Kerma inelastic (mt51-91)
Cross Section

30-Zn-67
-887.0 To 1349. %



72

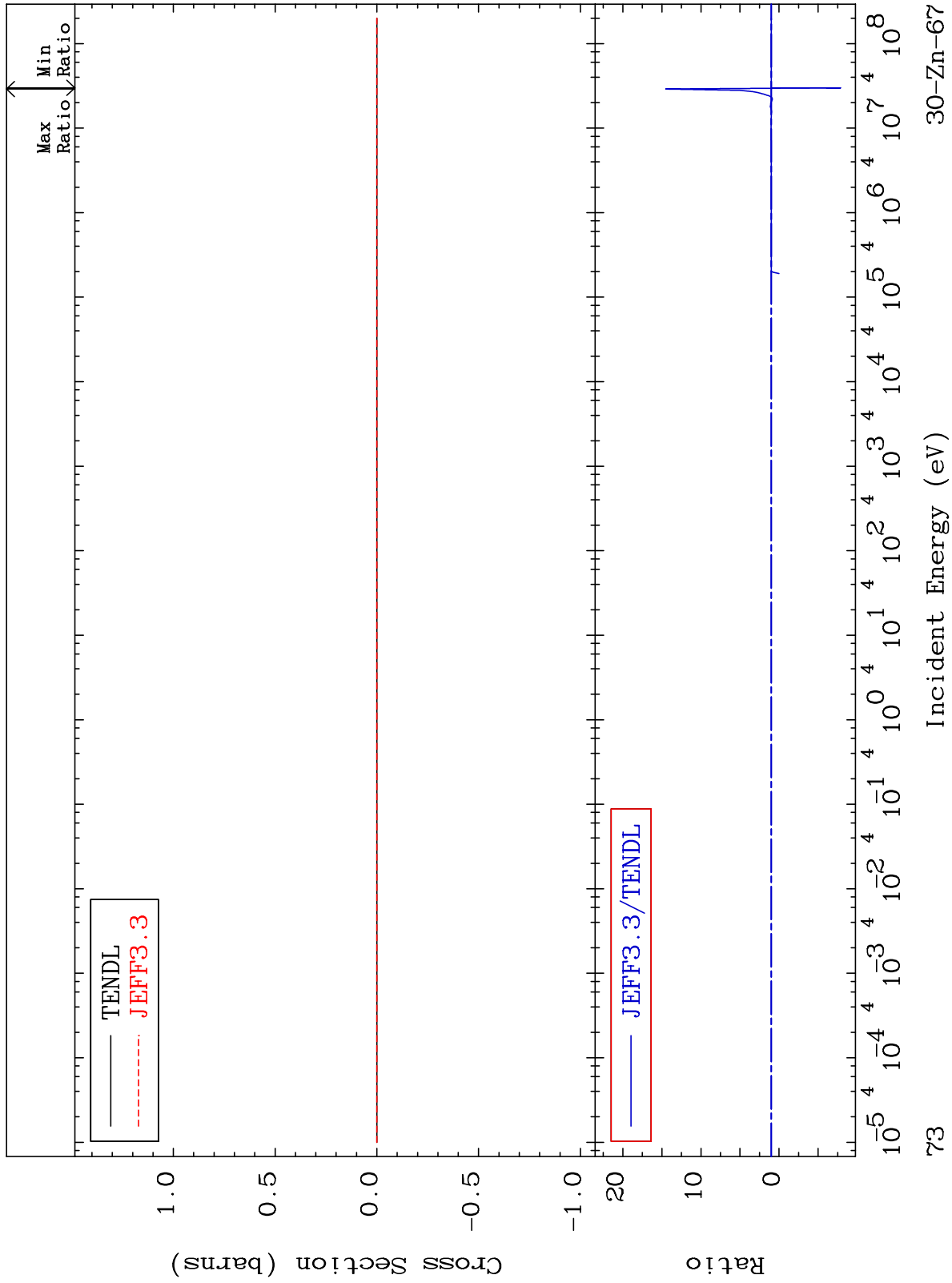
Incident Energy (eV)

30-Zn-67

MAT 3034

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

30-Zn-67
-887.0 To 1349. %



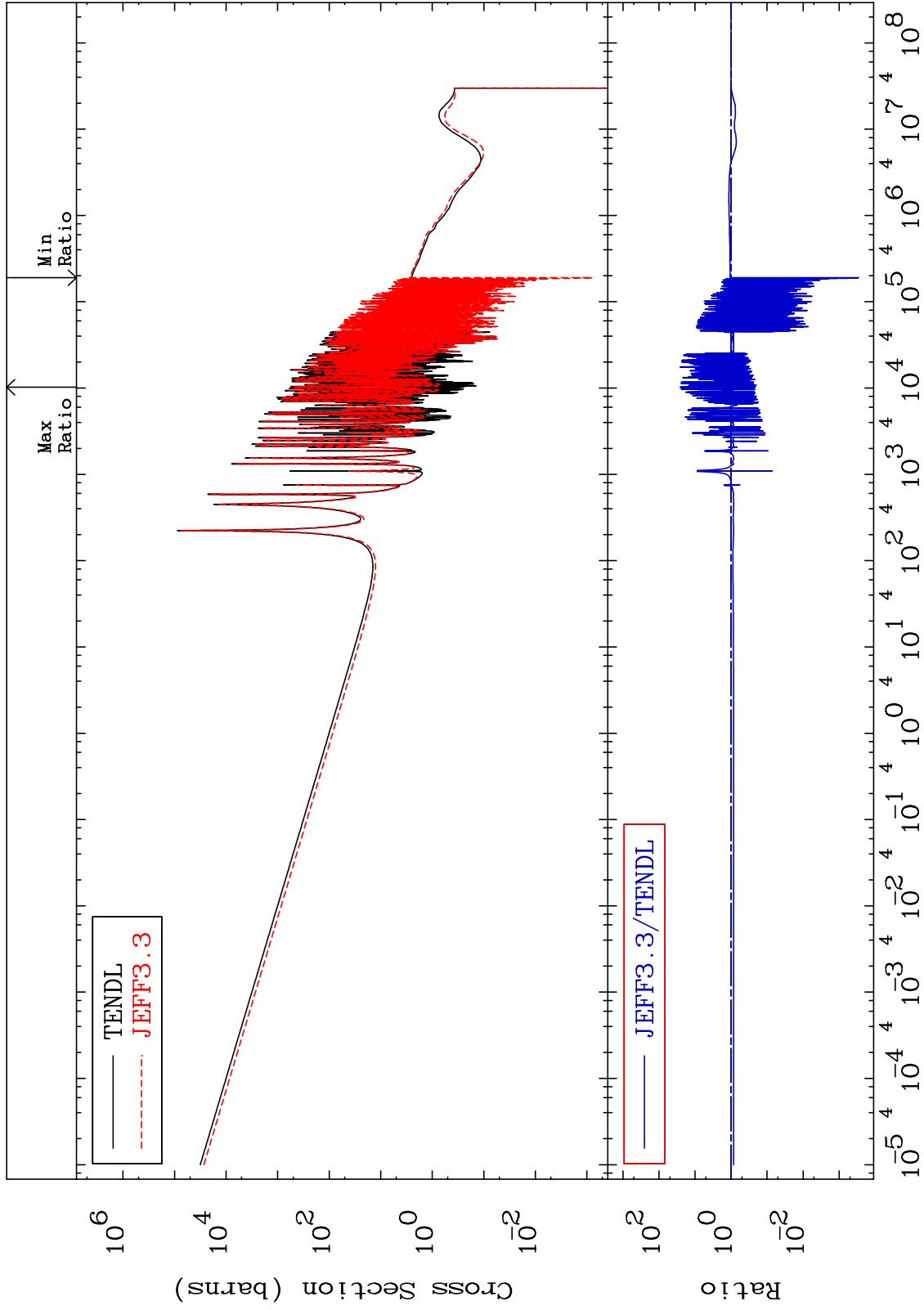
73

30-Zn-67

MAT 3034

Kerma capture (mt102)
Cross Section

30-Zn-67
-99.97 To 2507. %



74

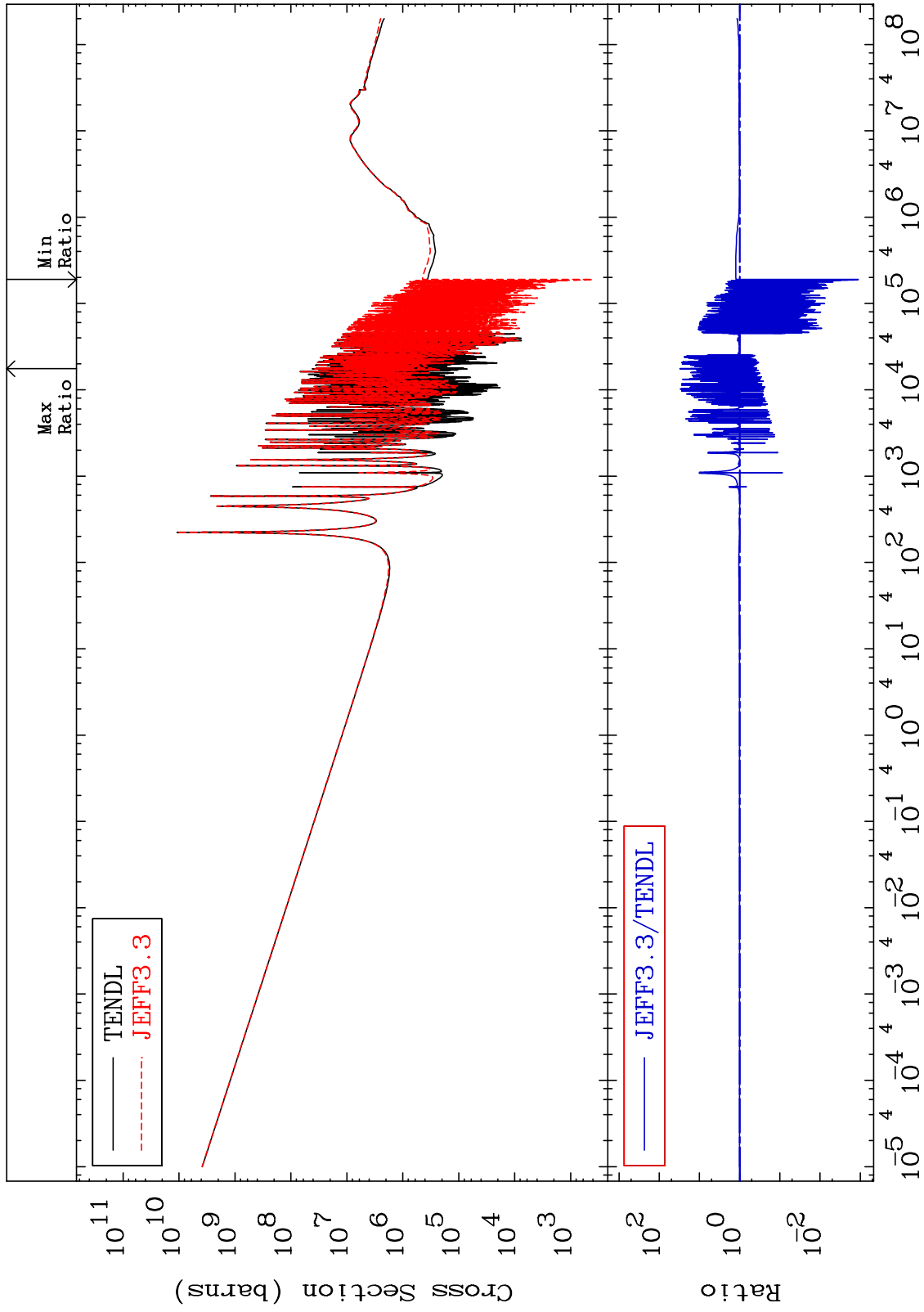
Incident Energy (eV)

30-Zn-67

MAT 3034

Total photon (eV-barns)
Cross Section

30-Zn-67
-99.89 To 2944. %



75

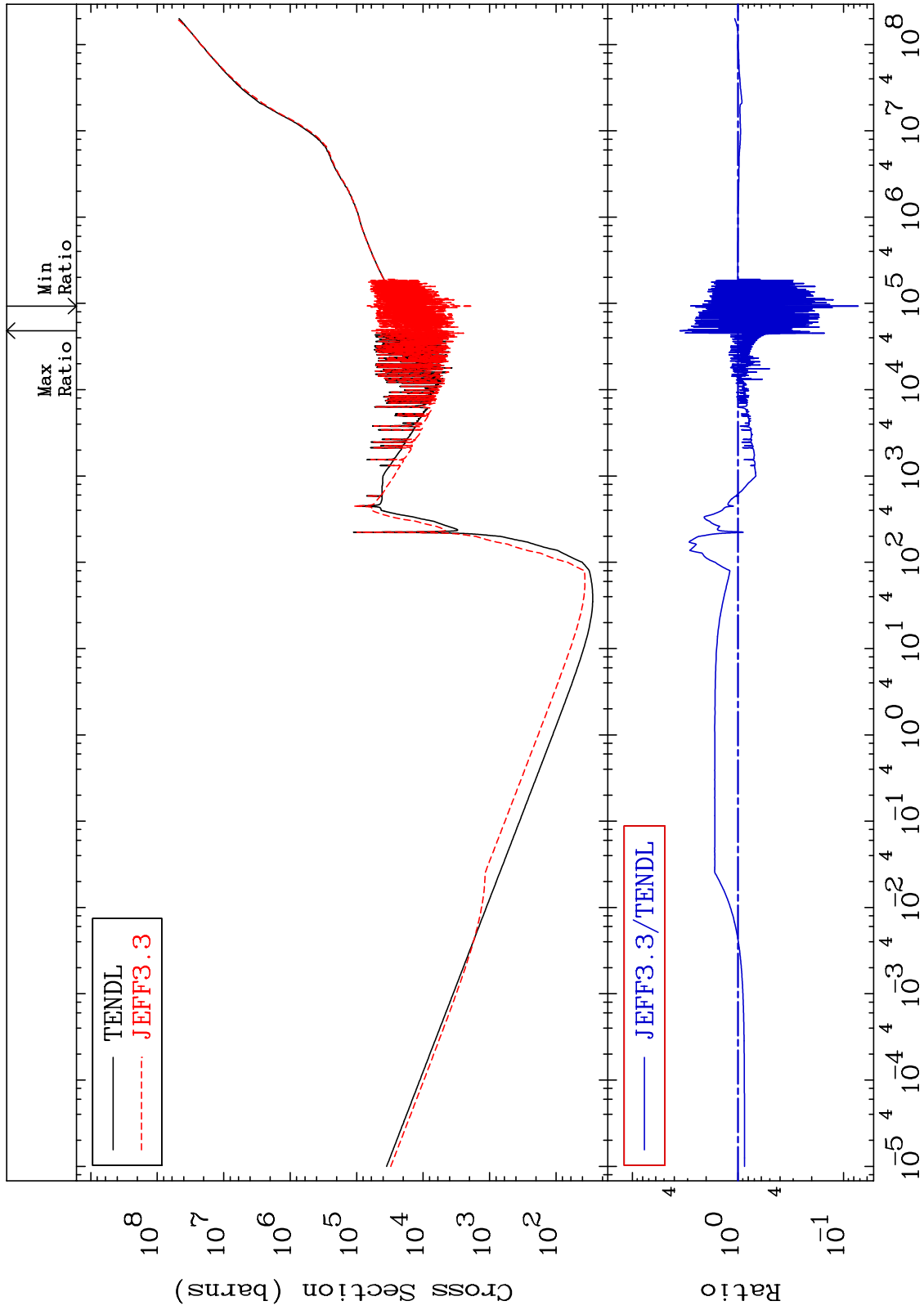
Incident Energy (eV)

30-Zn-67

MAT 3034

Total kinematic kerma (high limit)
Cross Section

30-Zn-67
-92.76 To 253.5 %



76

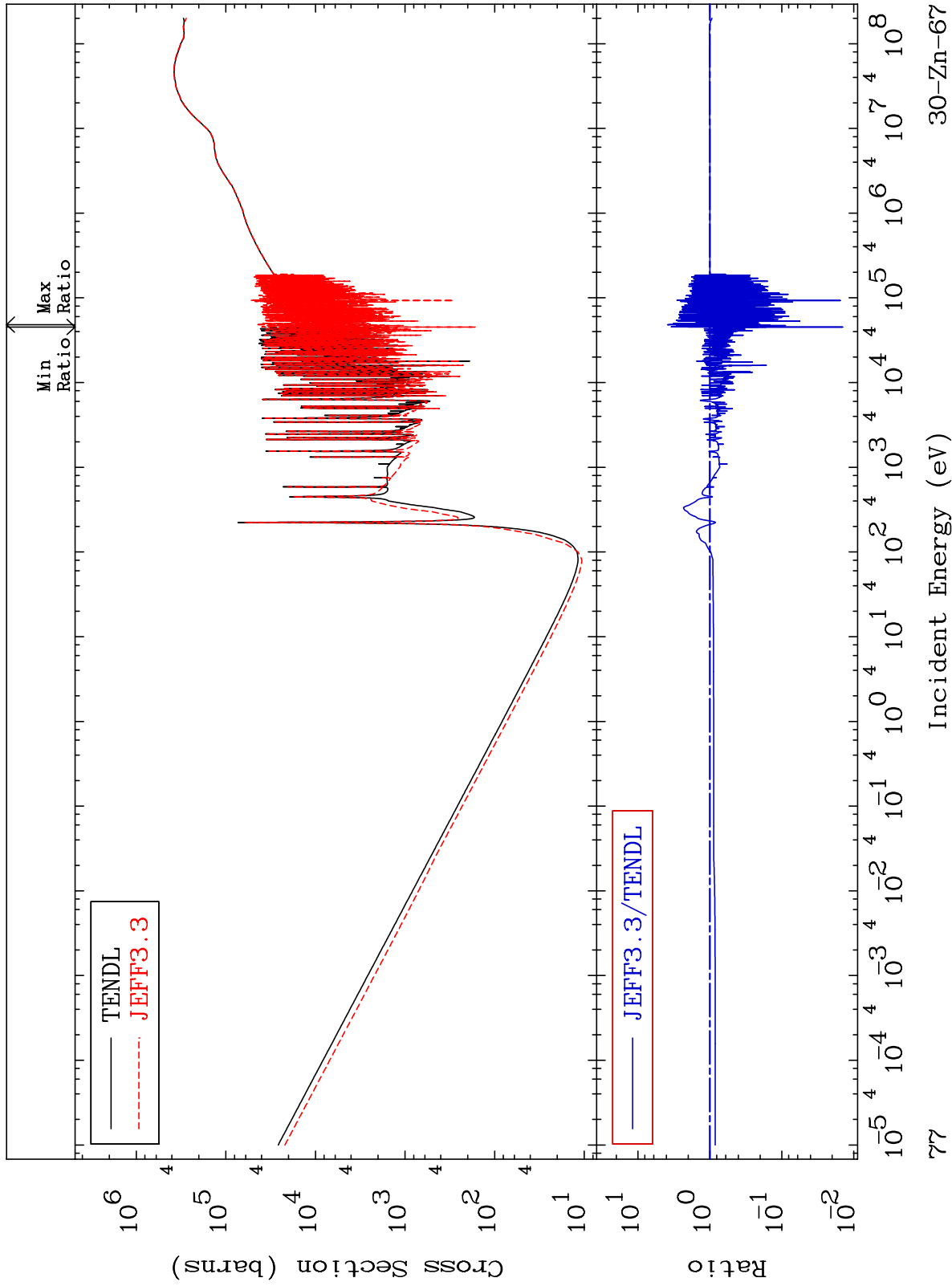
Incident Energy (eV)

30-Zn-67

MAT 3034

Dpa total (eV-barns)
Cross Section

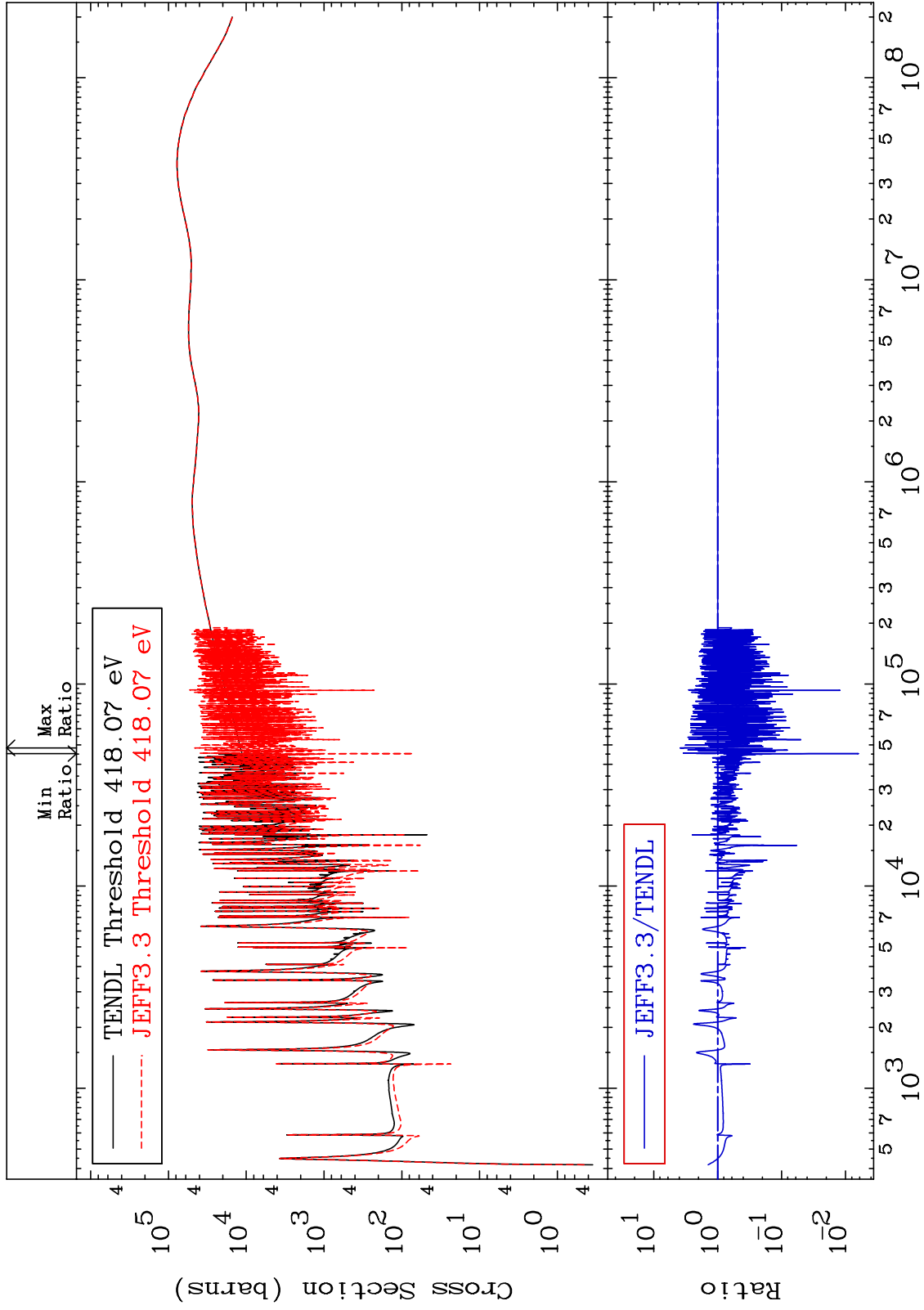
30-Zn-67
-98.58 To 286.8 %



MAT 3034

Dpa elastic (mt2)
Cross Section

30-Zn-67
-99.37 To 288.6 %



78

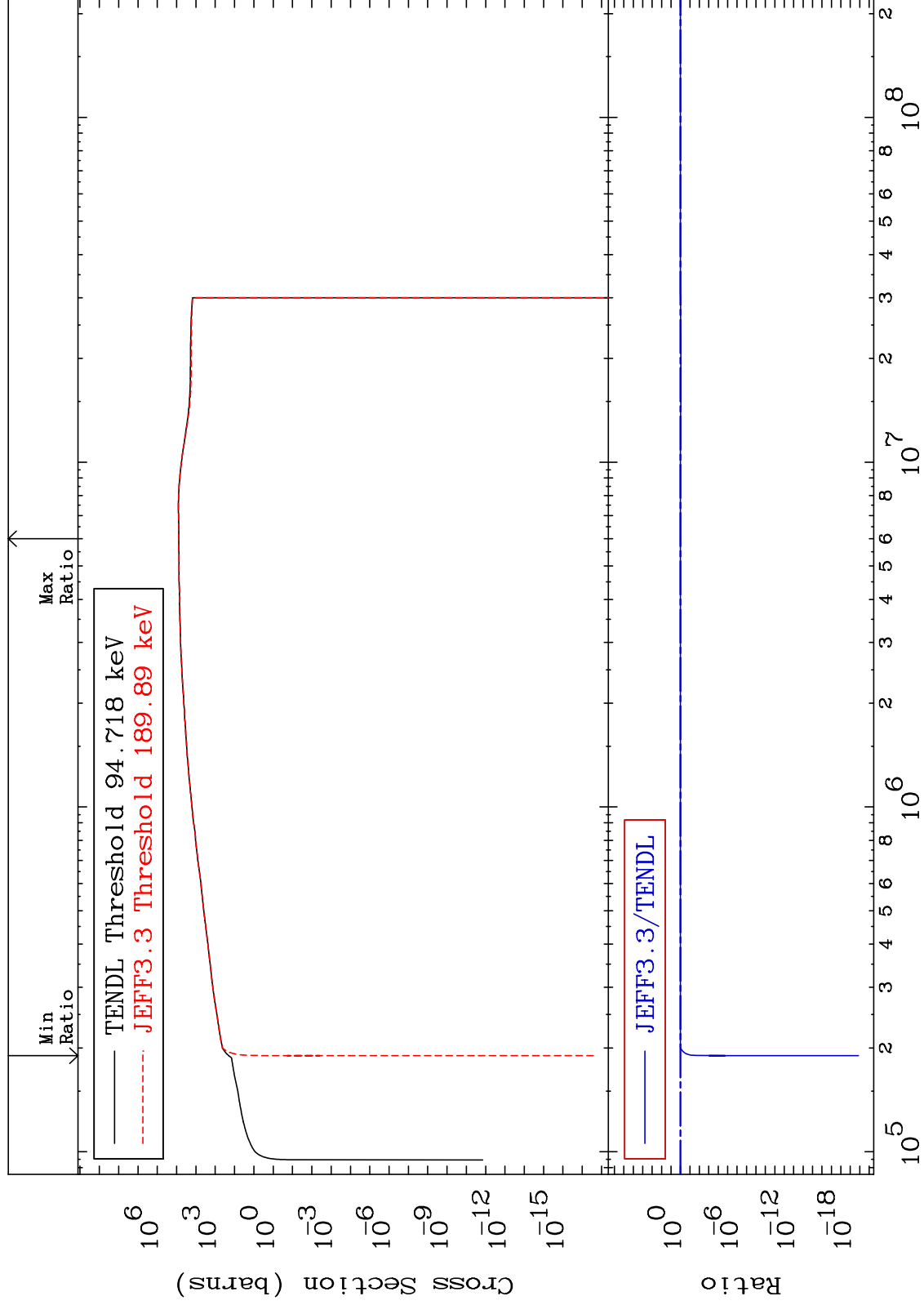
Incident Energy (eV)

30-Zn-67

MAT 3034

Dpa inelastic (mt51-91)
Cross Section

30-Zn-67
-100.0 To 0.230 %



79

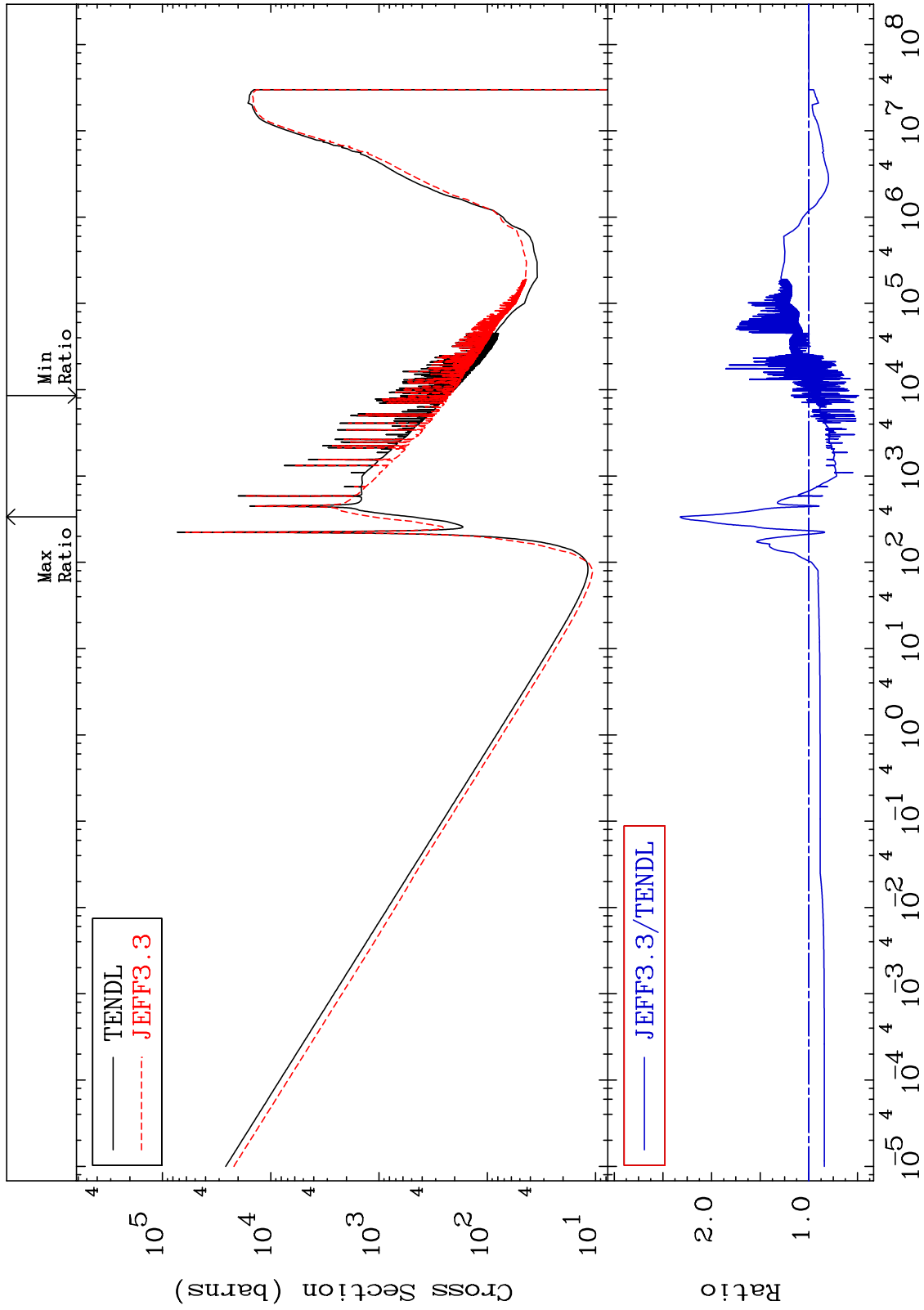
Incident Energy (eV)

30-Zn-67

MAT 3034

Dpa disappearance (mt102 -120)
Cross Section

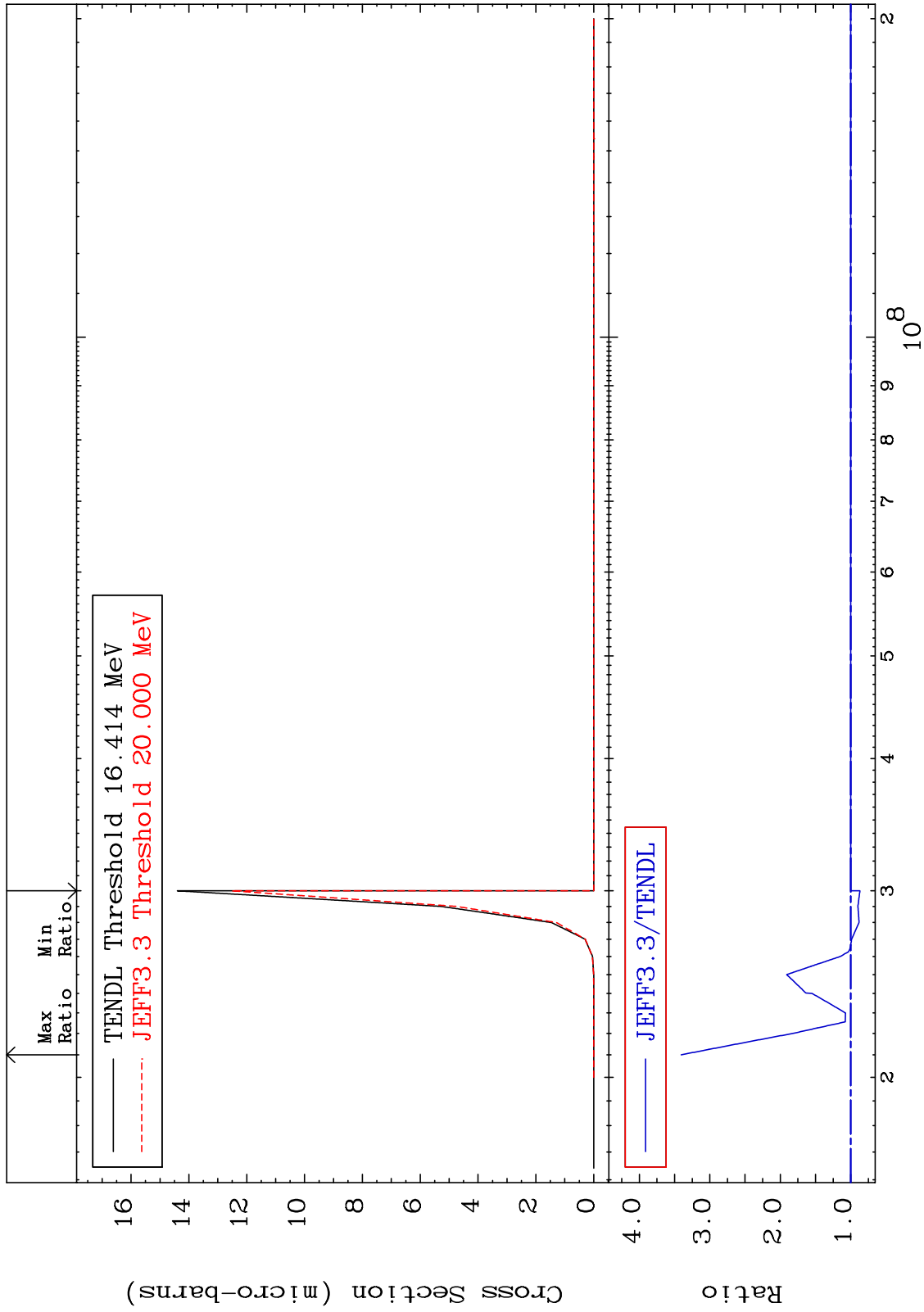
30-Zn-67
-50.90 To 132.4 %



80

Incident Energy (eV)

30-Zn-67

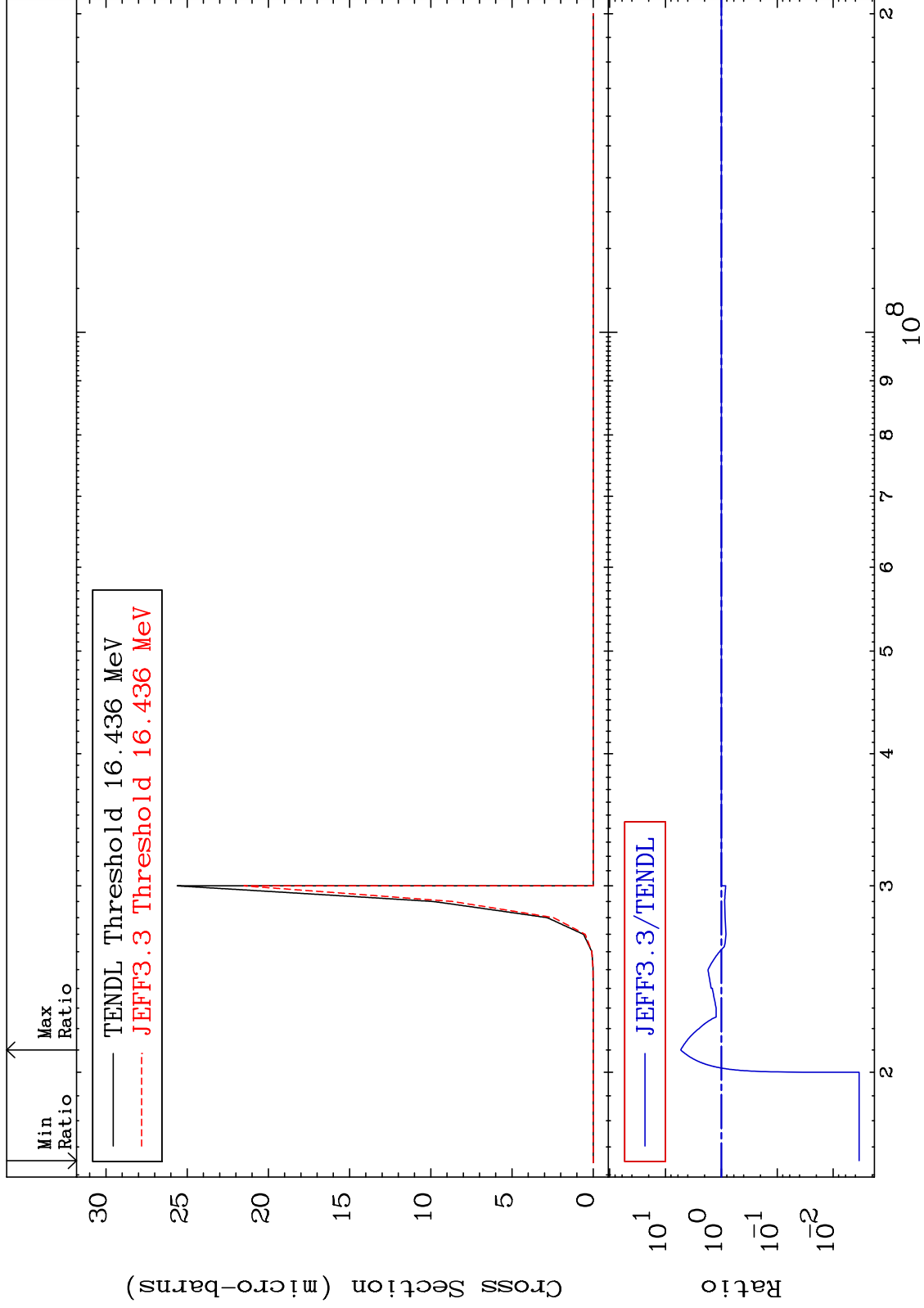


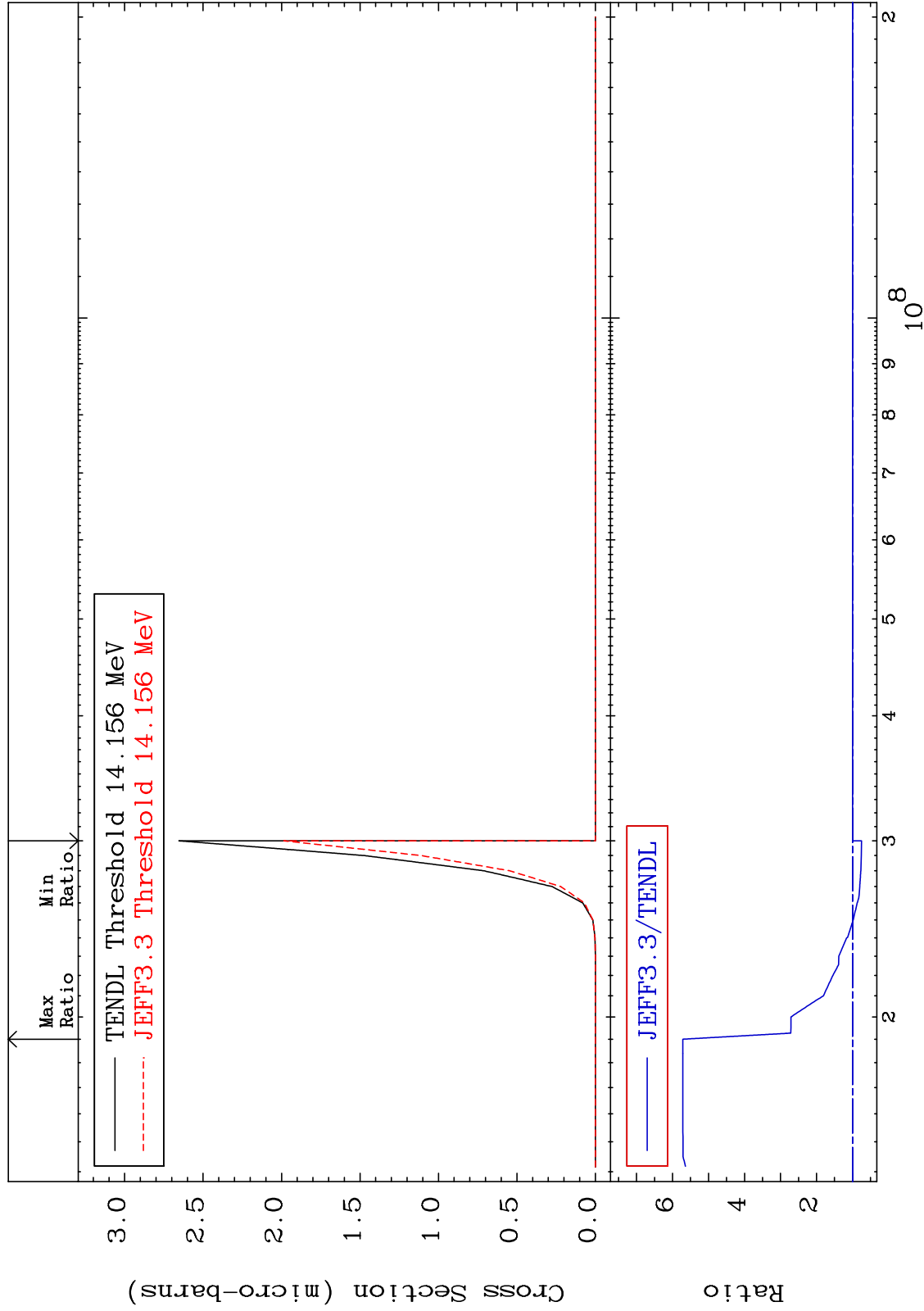
MAT 3034

(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 %

