

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

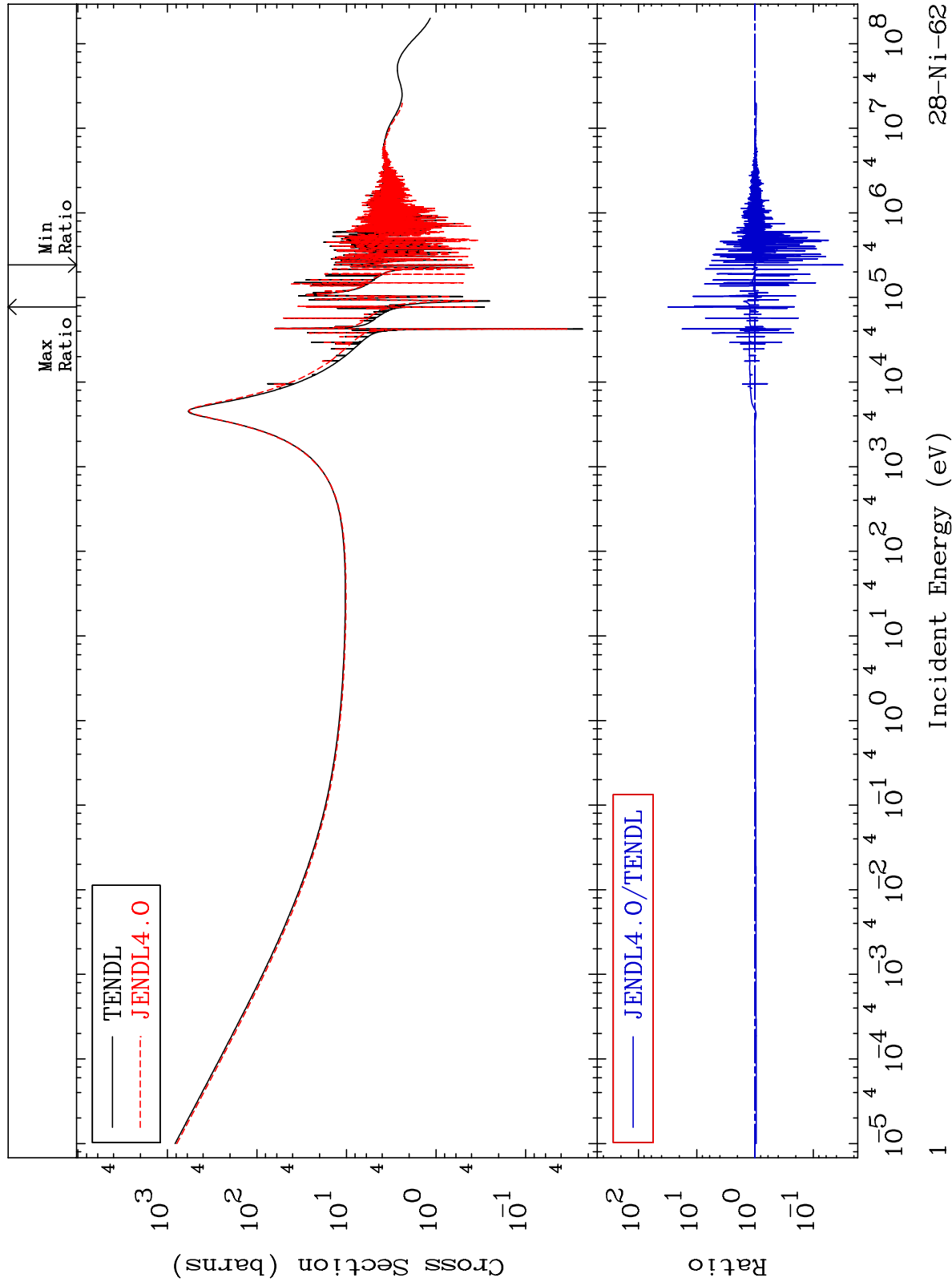
MAT 2837

Total

Cross Section

28-Ni-62

-96.89 To 3009. %



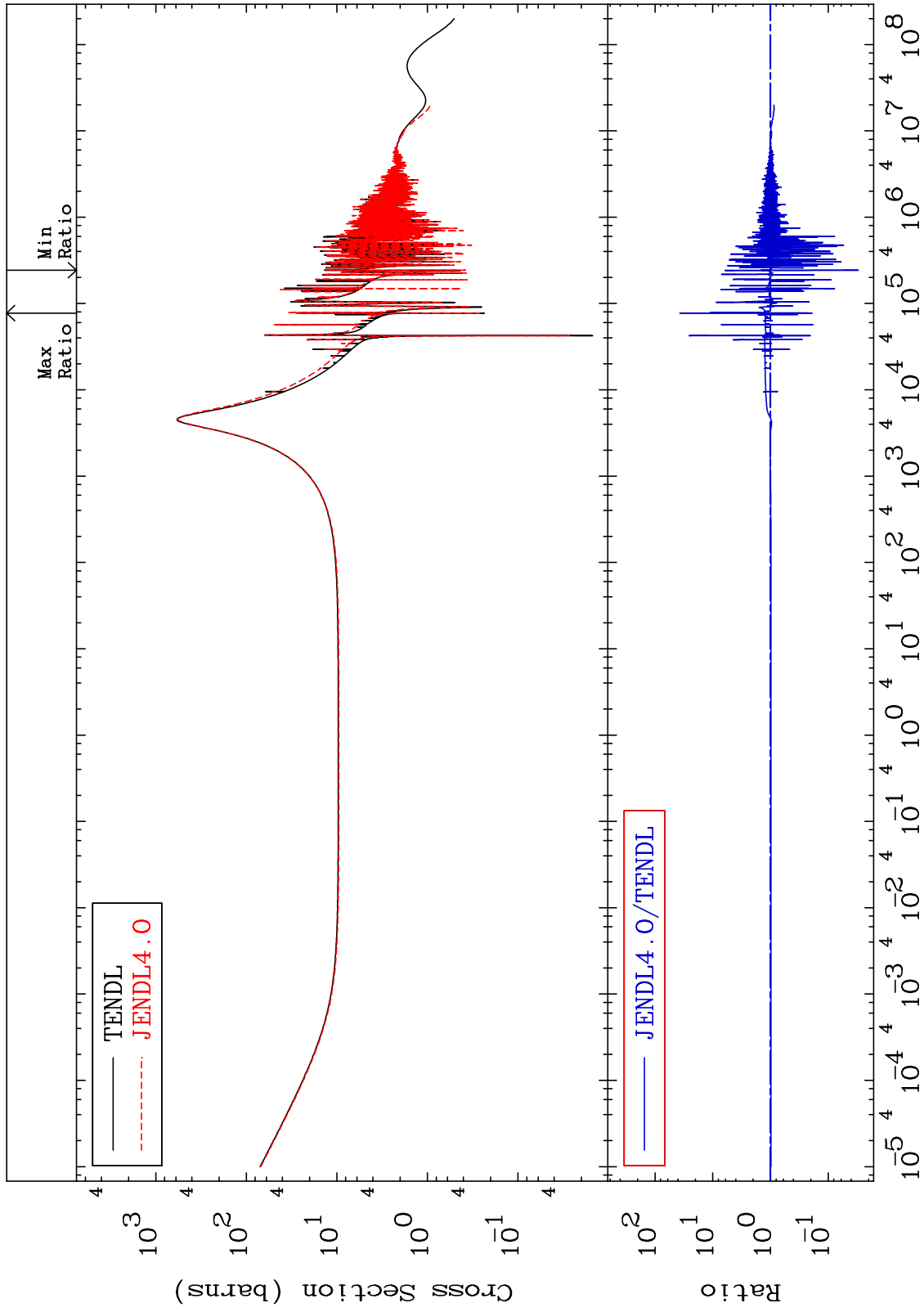
Incident Energy (eV)

28-Ni-62

MAT 2837

Elastic  
Cross Section

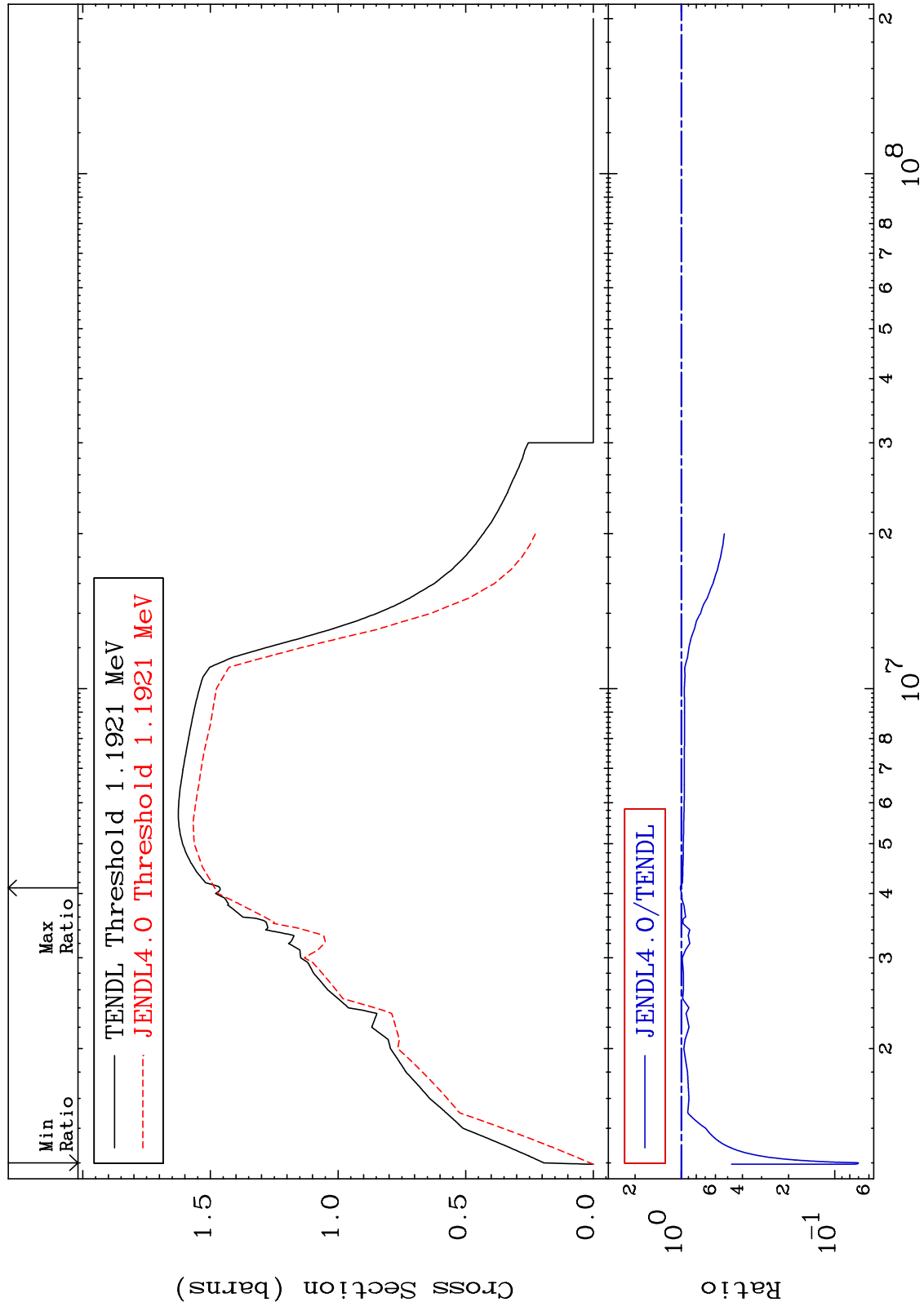
28-Ni-62  
-97.00 To 3589. %



MAT 2837

Inelastic  
Cross Section

28-Ni-62  
-92.99 To 1.371 %



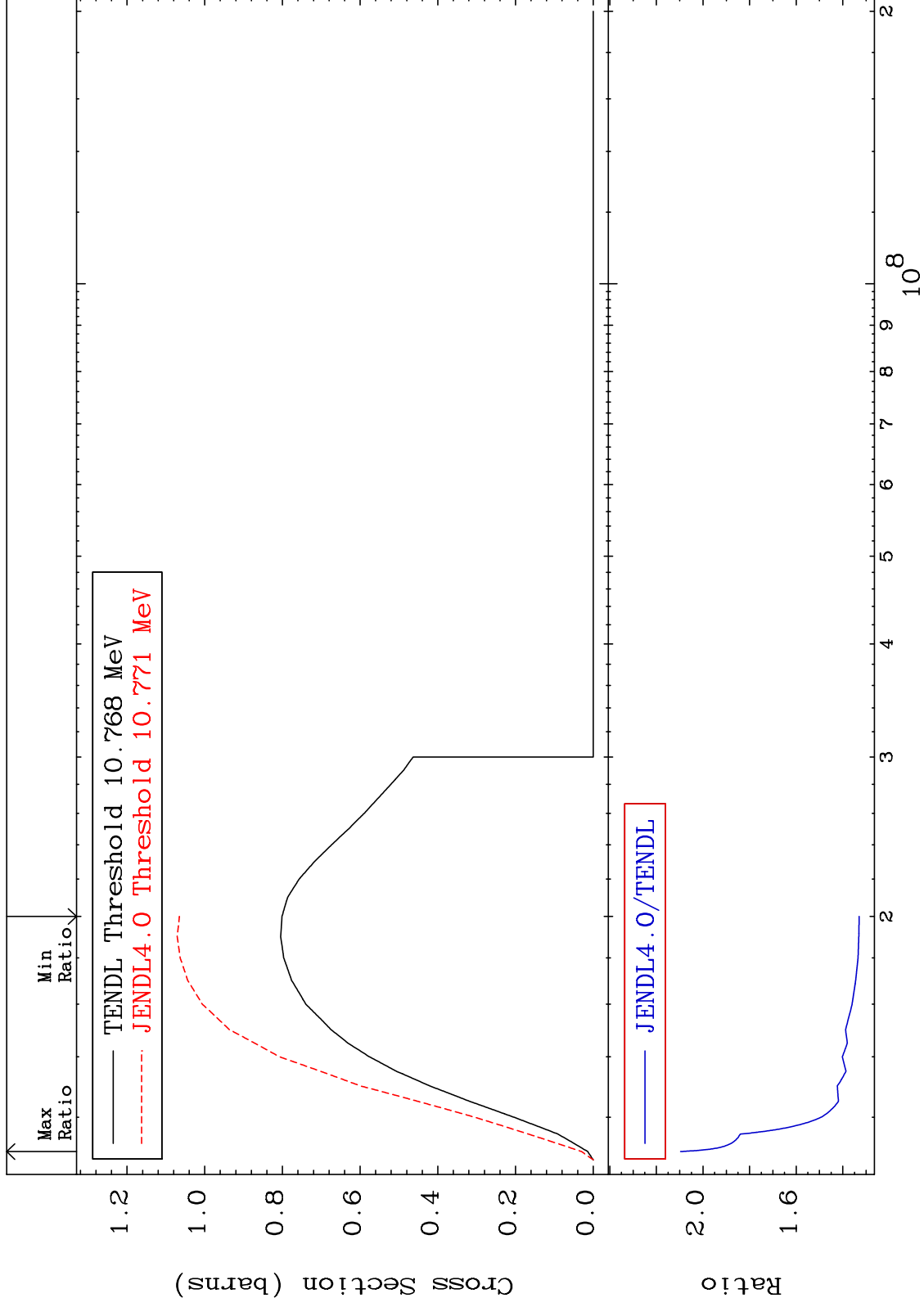
MAT 2837

(n,2n)

28-Ni-62

Cross Section To 109.6 %

Cross Section



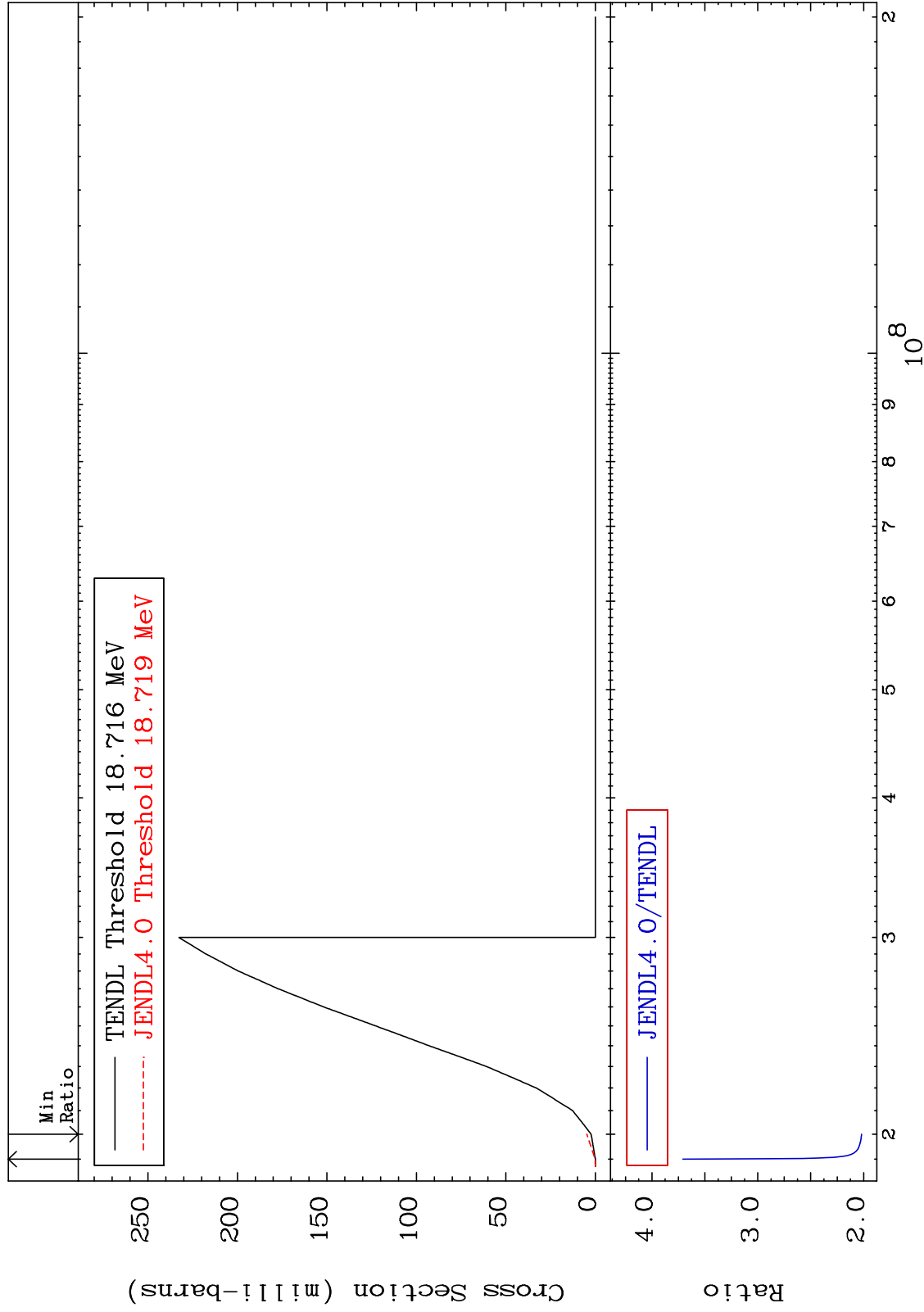
MAT 2837

(n,3n)

28-Ni-62

Cross Section

101.9 To 270.8 %



5

Incident Energy (eV)

28-Ni-62

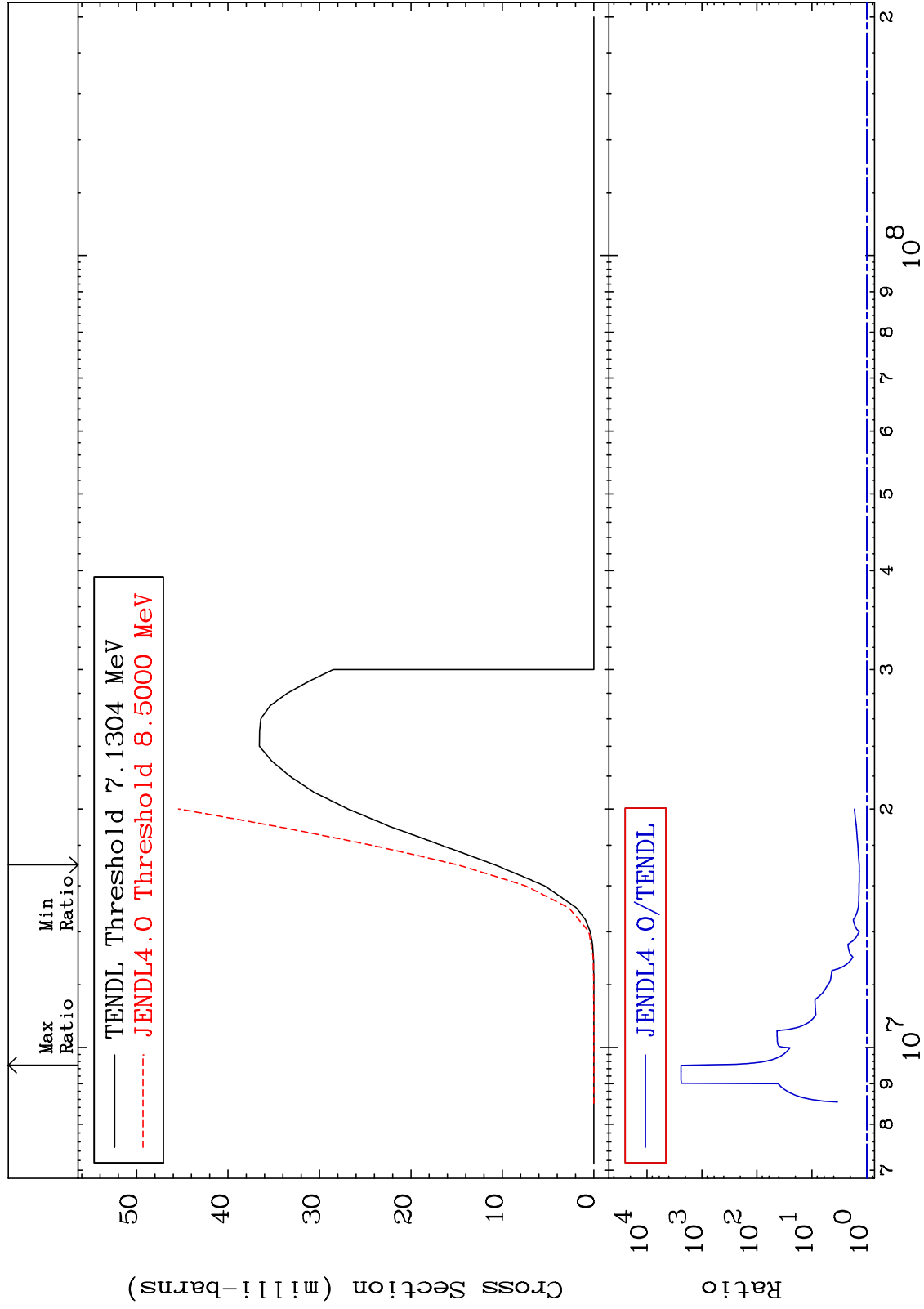
MAT 2837

(n,n')  $\alpha$

28-Ni-62

Cross Section

37.49 To 9999. %



28-Ni-62

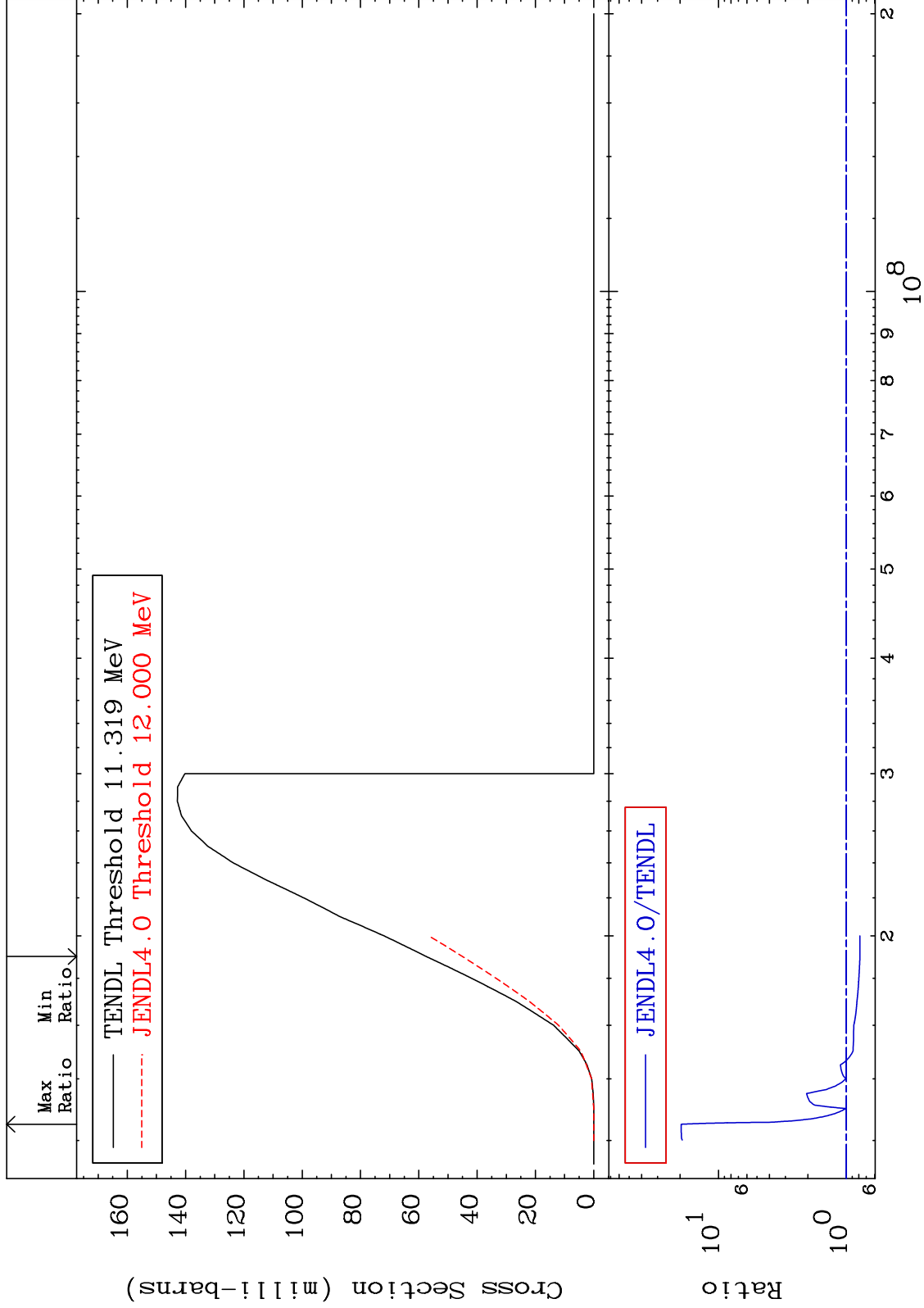
Incident Energy (eV)

6

MAT 2837

(n,n') p  
Cross Section

28-Ni-62  
-21.59 To 1861. %

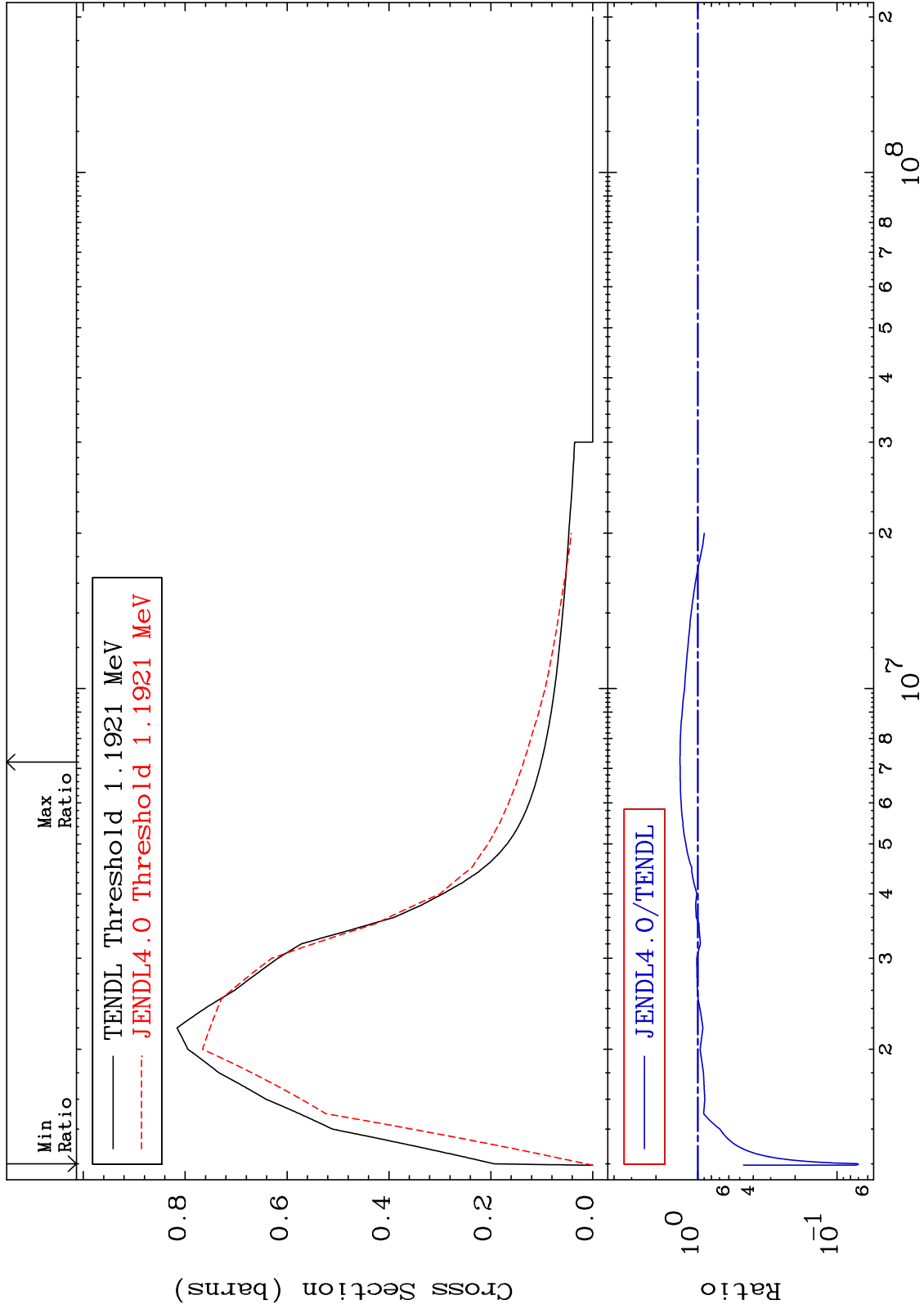




MAT 2837

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

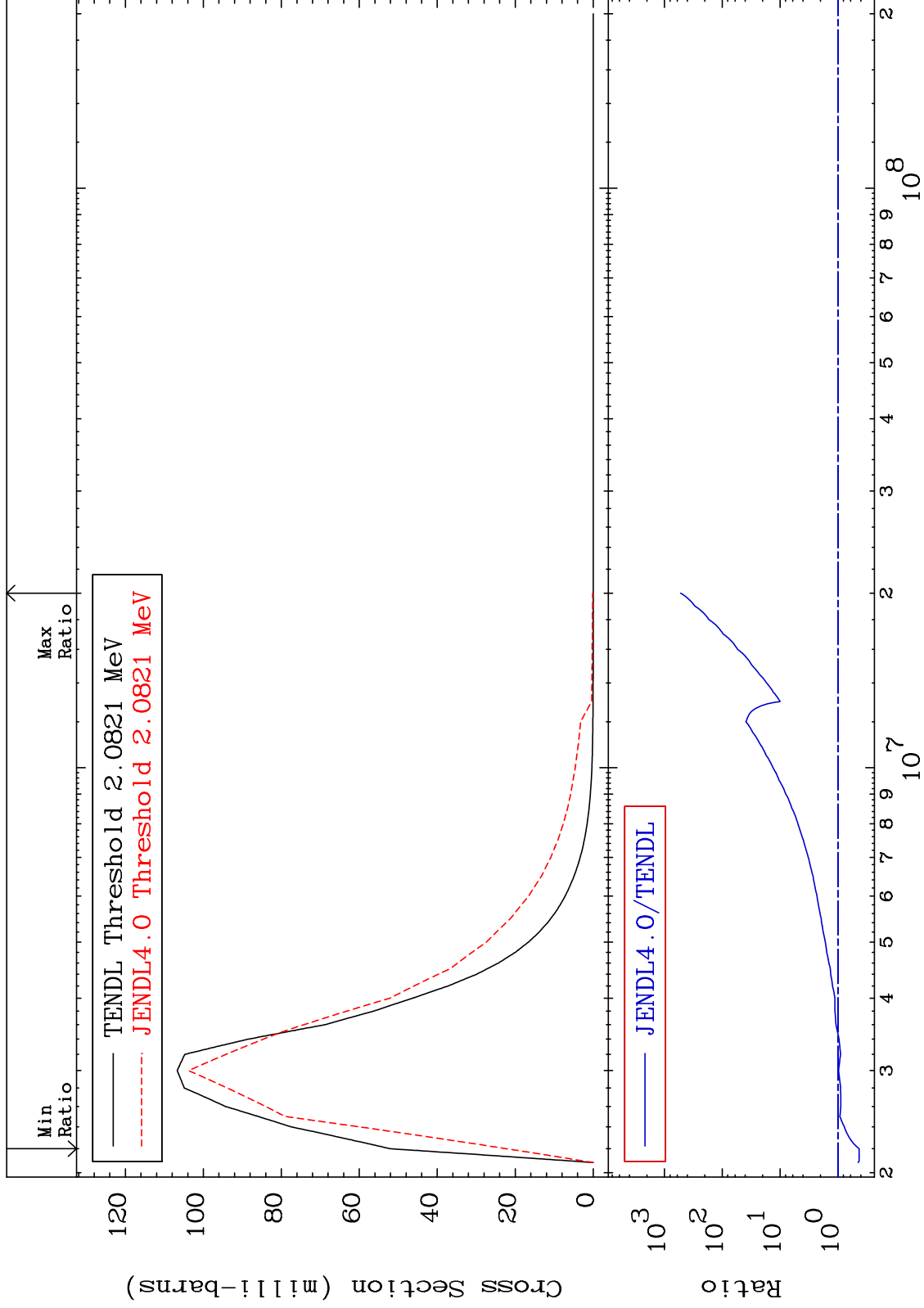
28-Ni-62  
-92.99 To 34.45 %



MAT 2837

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

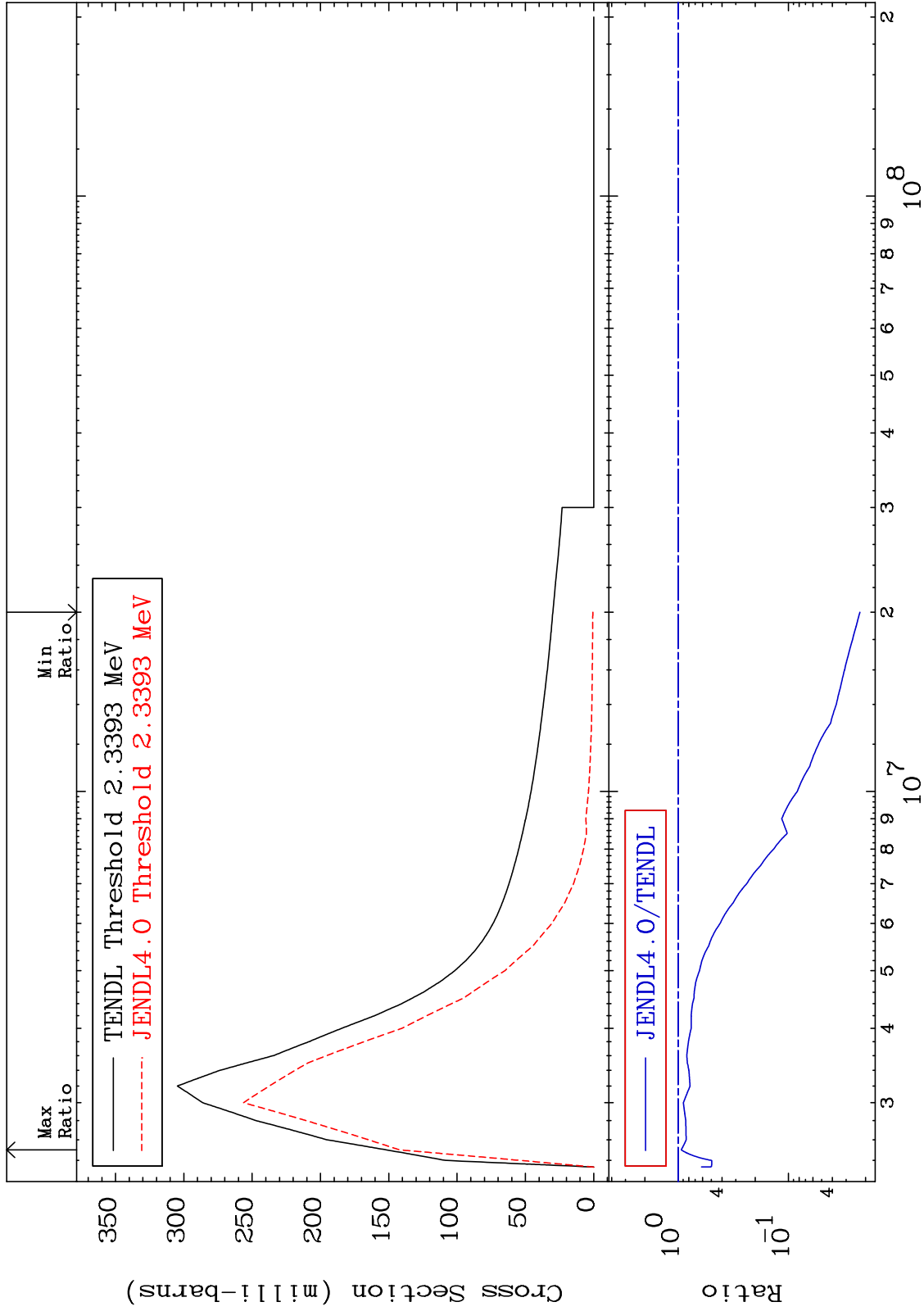
28-Ni-62  
-57.19 To 9999. %



MAT 2837

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

28-Ni-62  
-97.75 To -6.341%



10

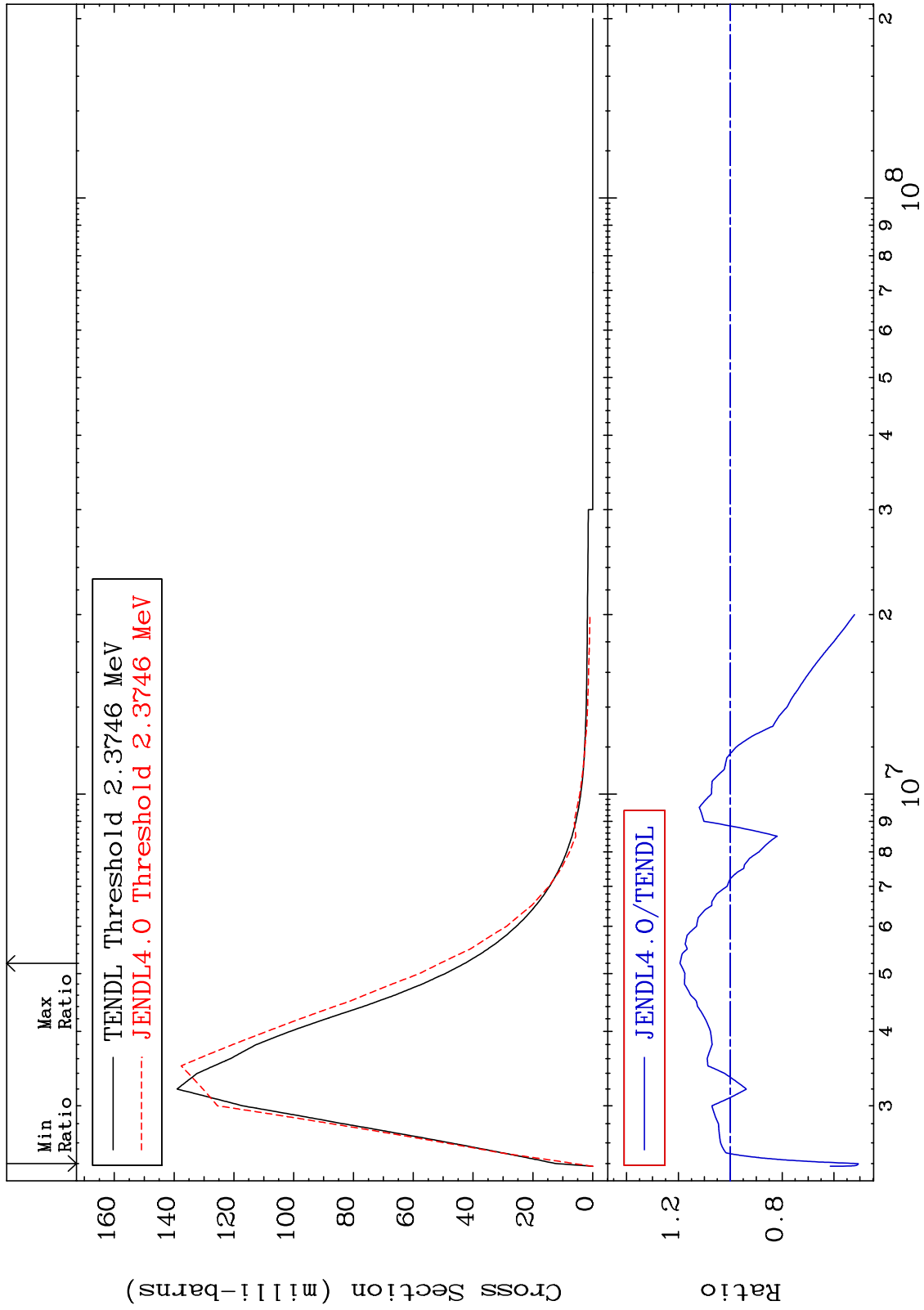
Incident Energy (eV)

28-Ni-62

MAT 2837

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

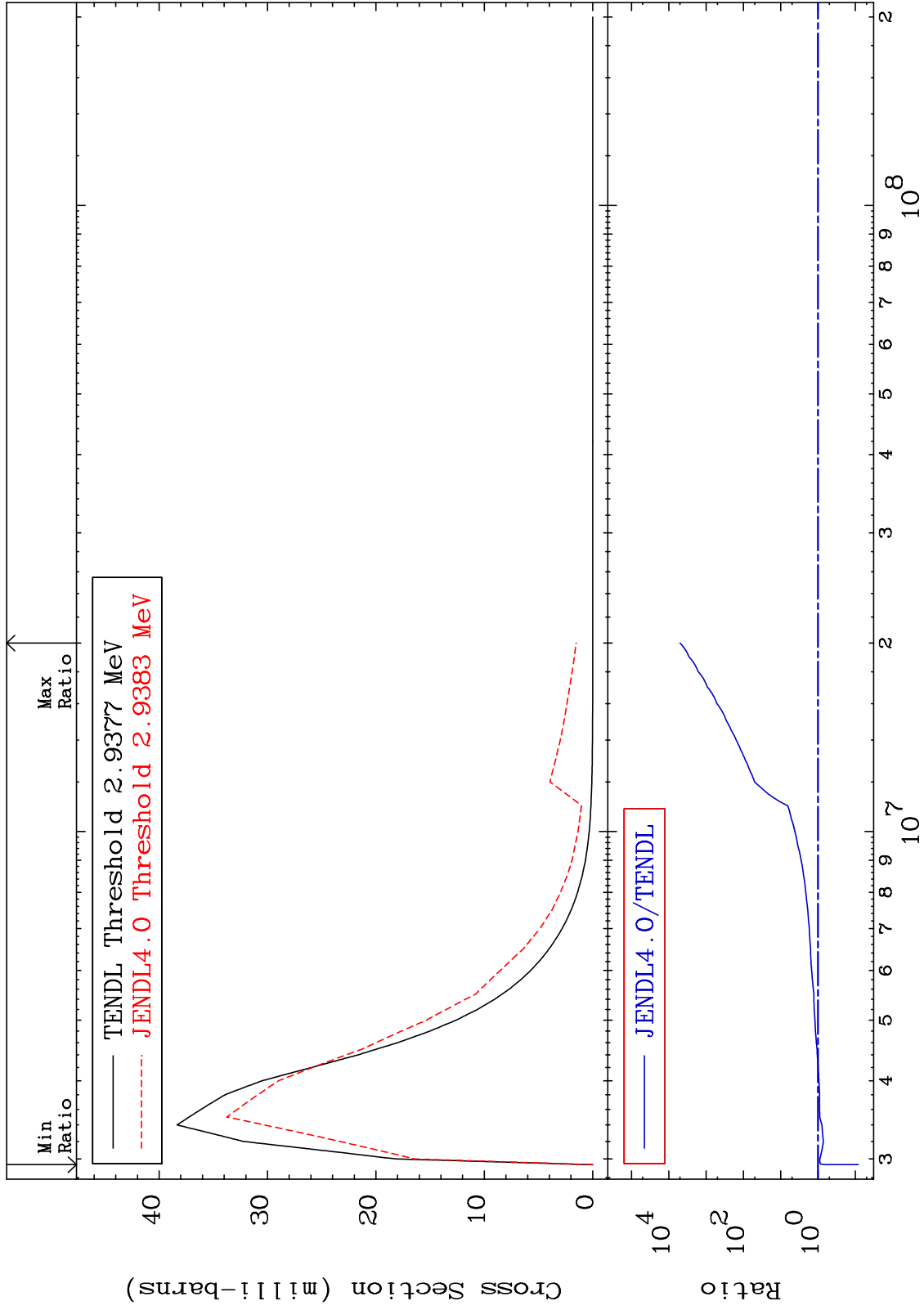
28-Ni-62  
-49.41 To 19.39 %



MAT 2837

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

28-Ni-62  
-91.70 To 9999. %



12

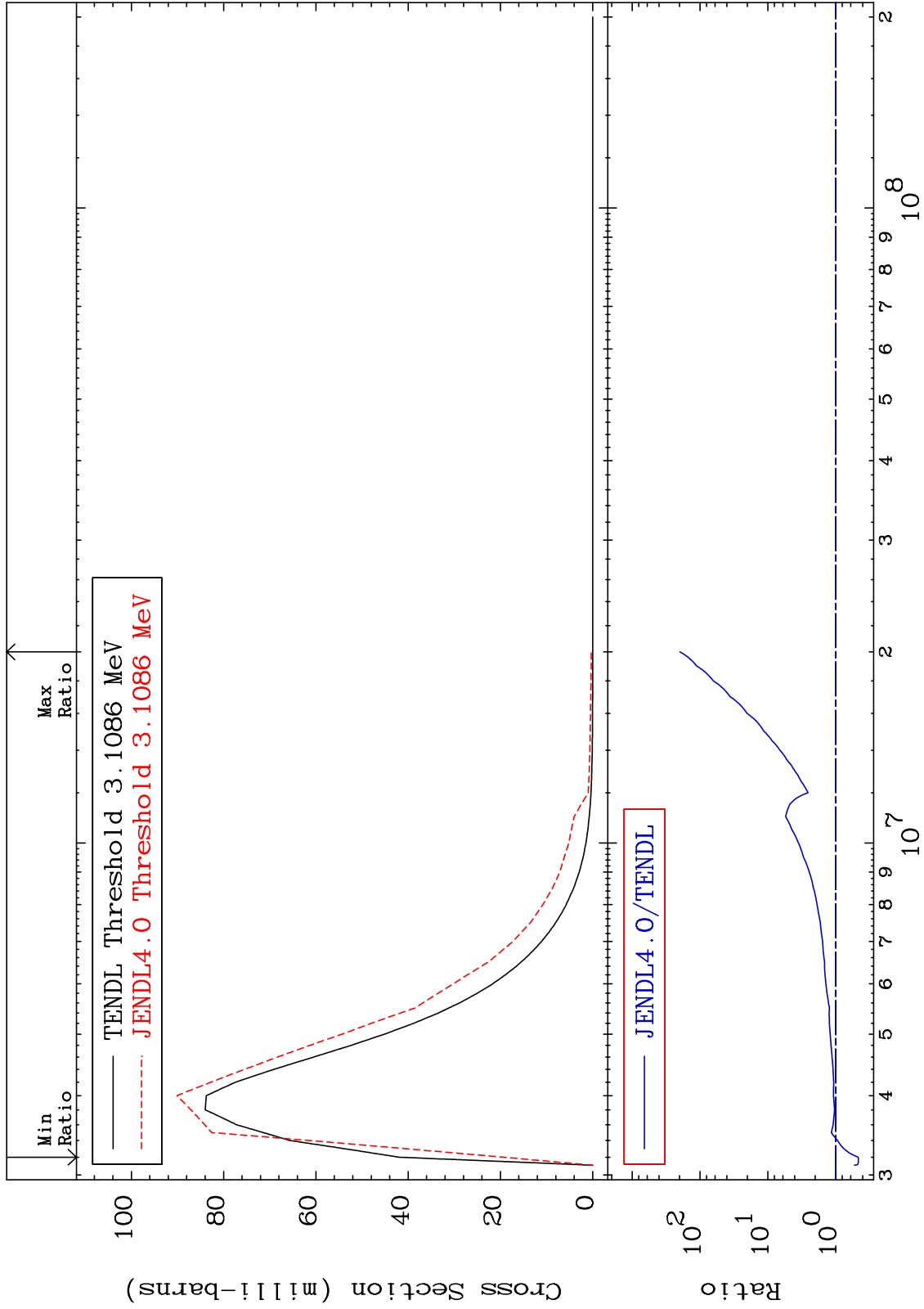
Incident Energy (eV)

28-Ni-62

MAT 2837

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

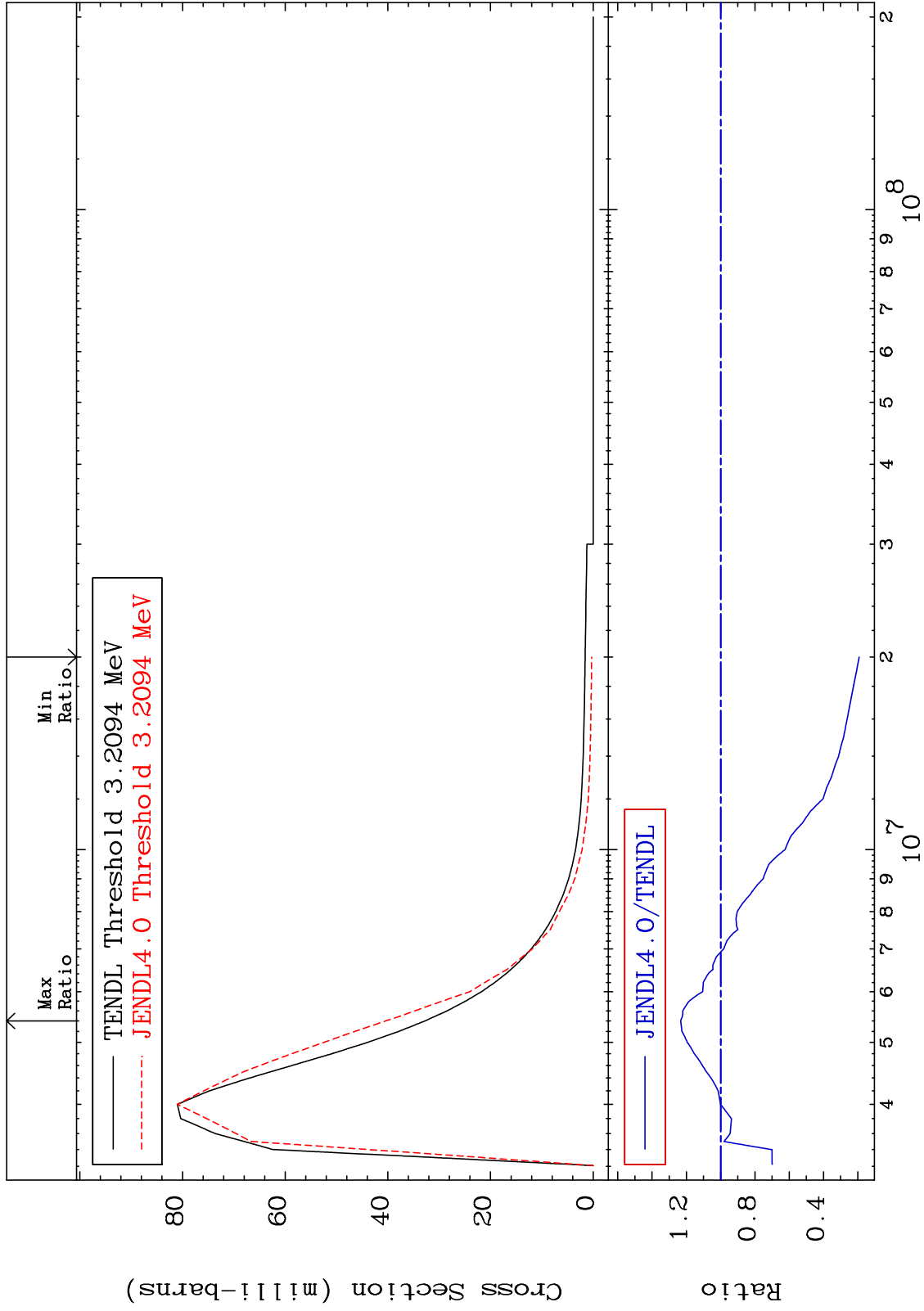
28-Ni-62  
-53.85 To 9999. %



MAT 2837

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

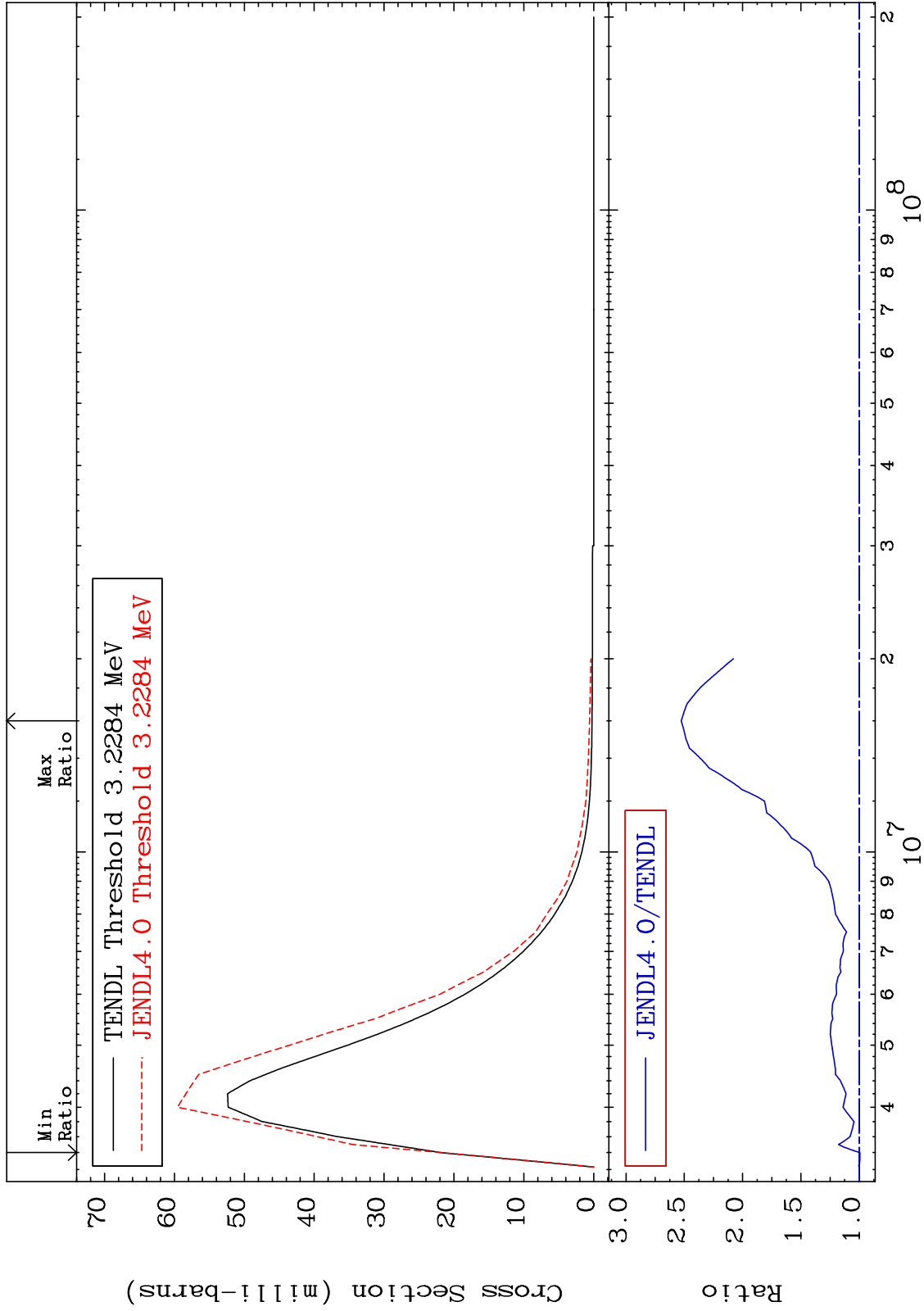
28-Ni-62  
-80.81 To 23.34 %



MAT 2837

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

28-Ni-62  
-0.600 To 152.7 %

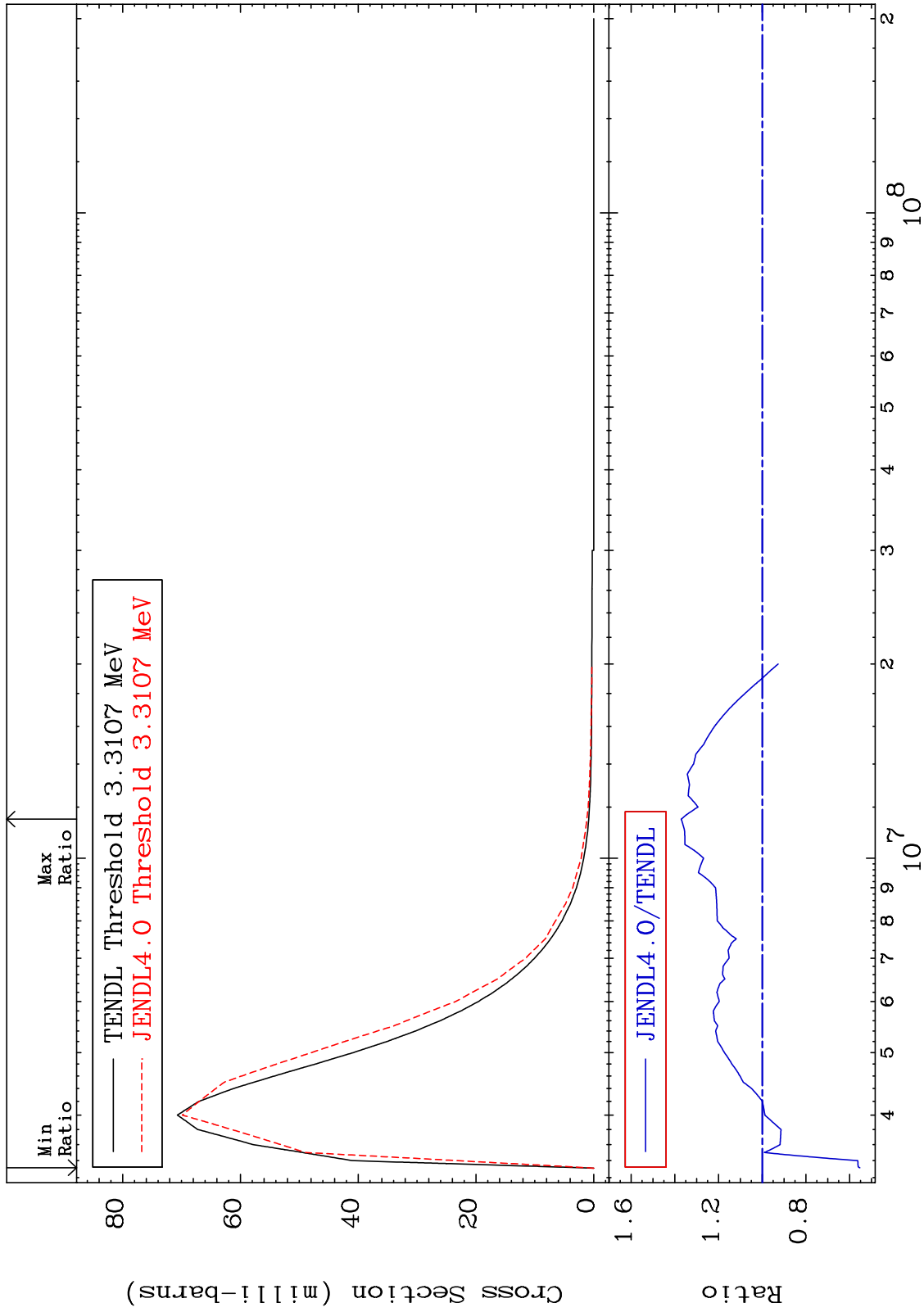




MAT 2837

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

28-Ni-62  
-44.67 To 37.11 %



16

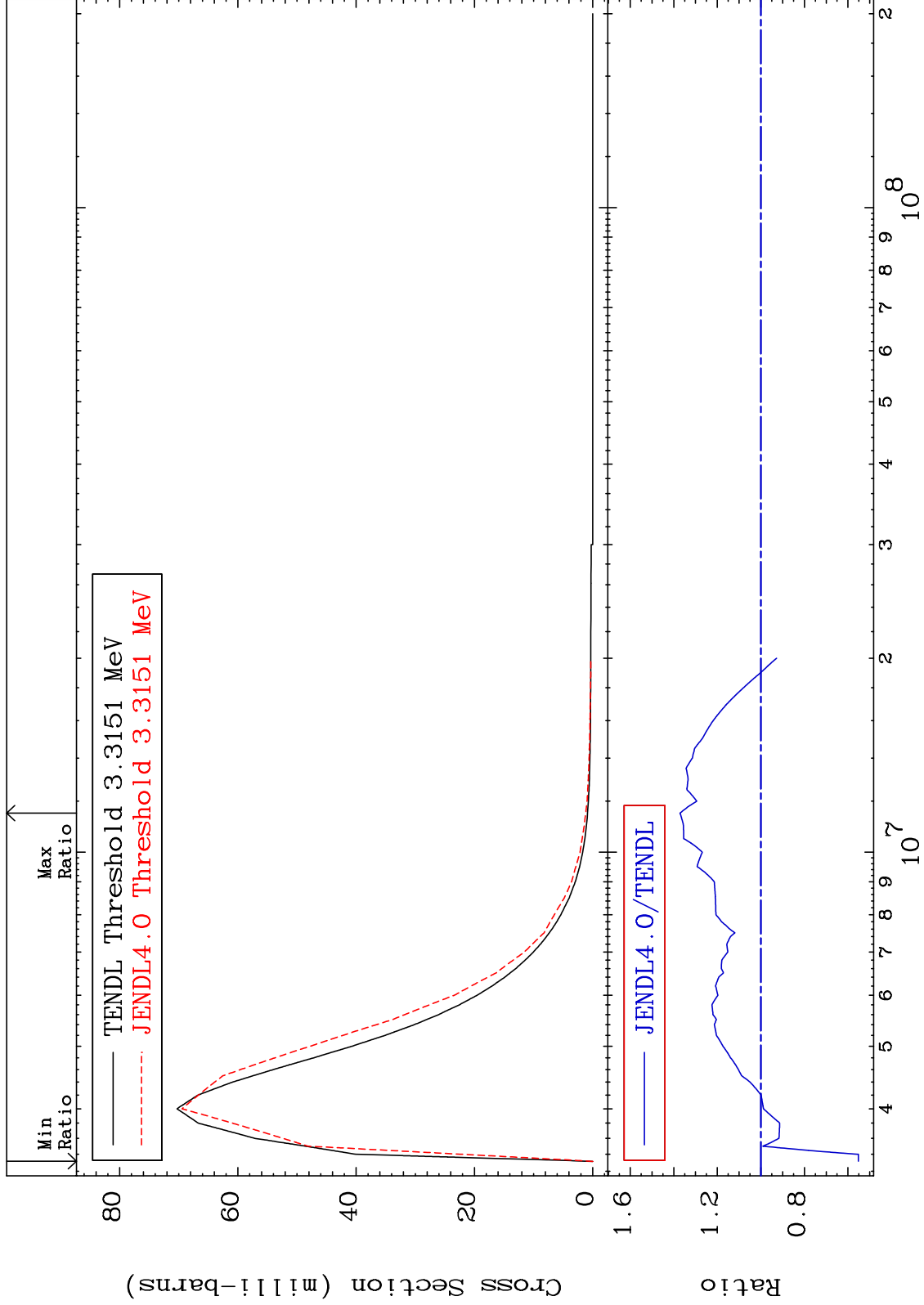
28-Ni-62

28-Ni-62

MAT 2837

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

28-Ni-62  
-44.79 To 37.12 %

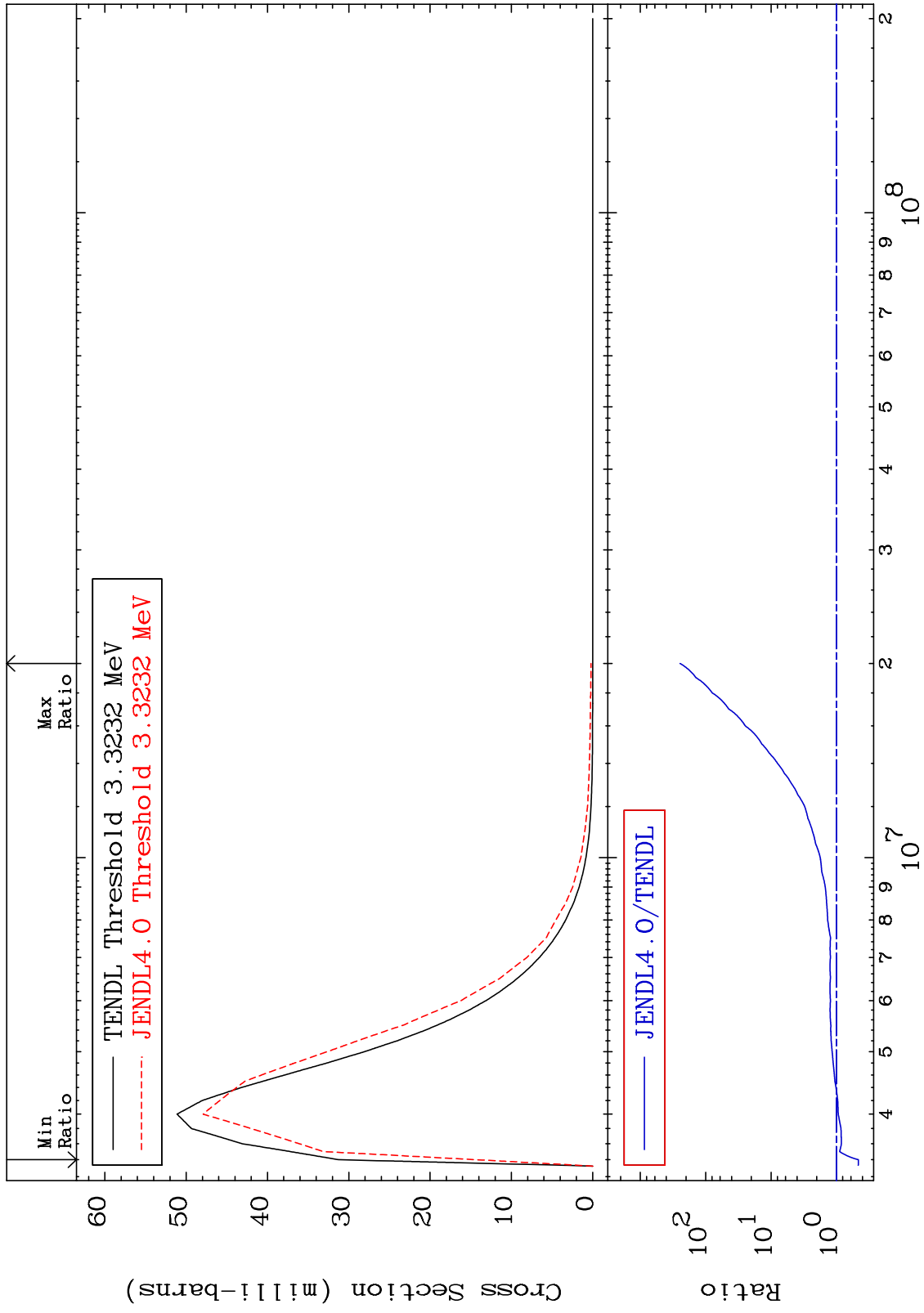


17

Incident Energy (eV)

28-Ni-62

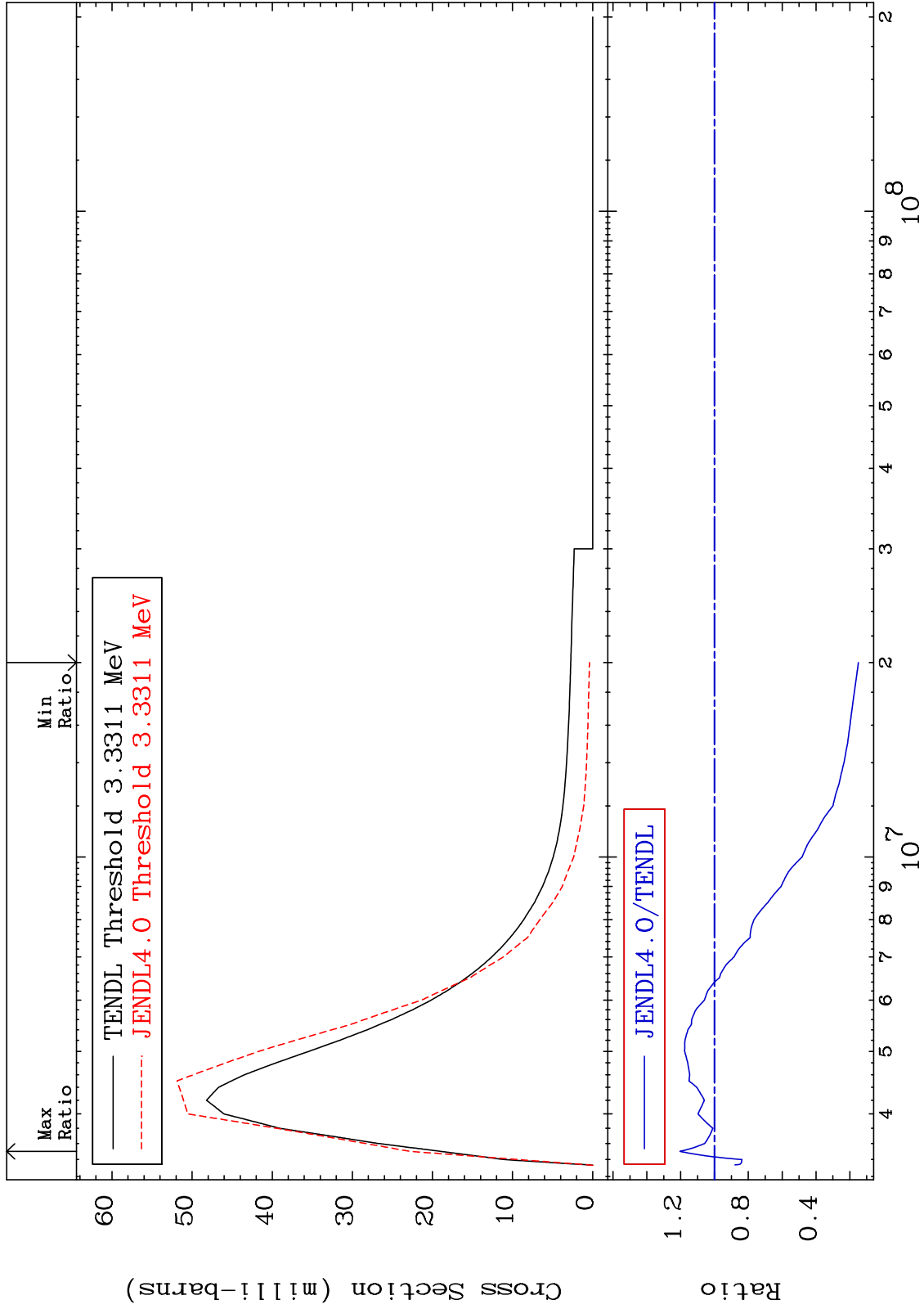
MAT 2837      MT= 61 (n,n') Level Cross Section      28-Ni-62  
 -53.94 To 9999. %



MAT 2837

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

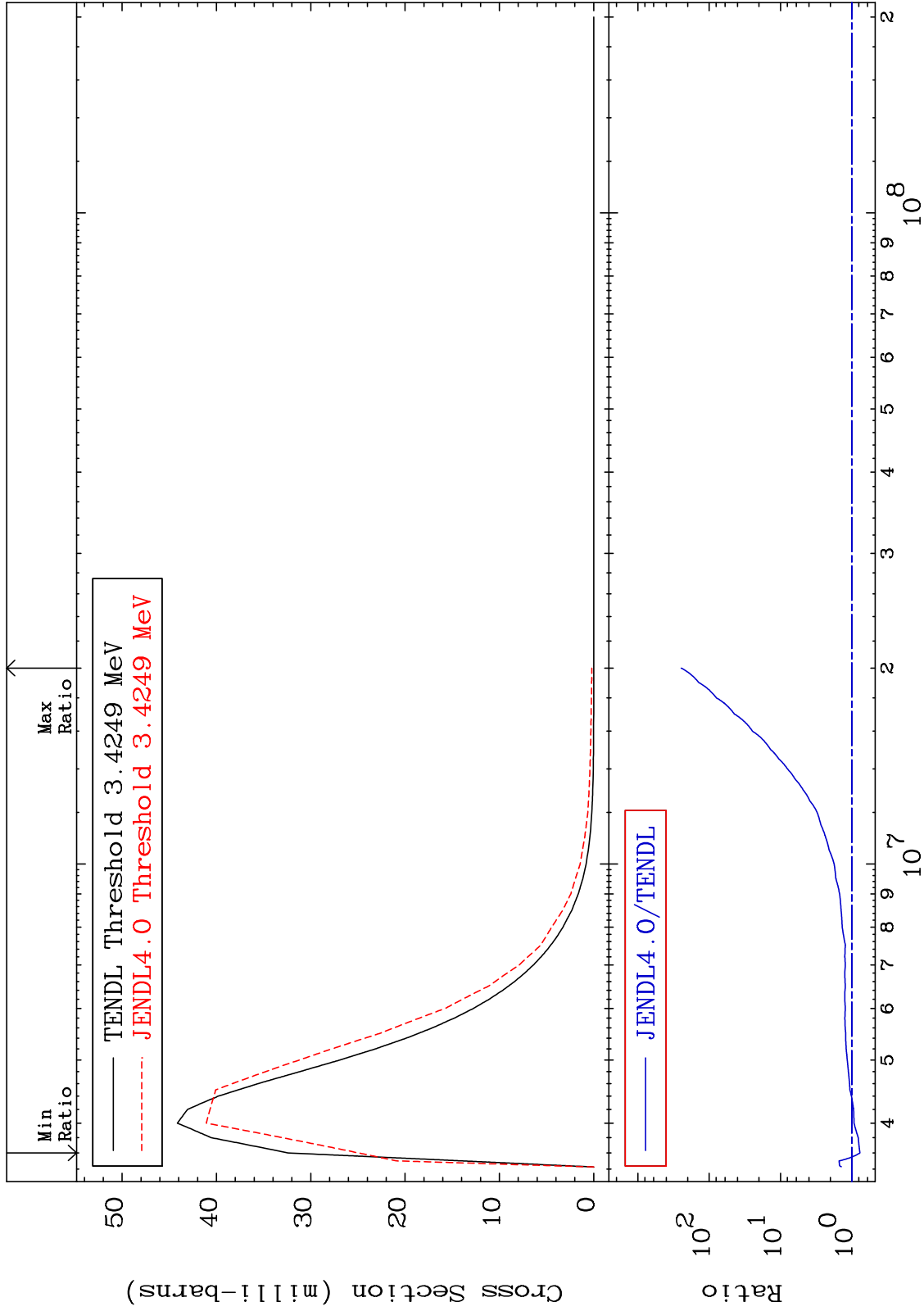
28-Ni-62  
-85.09 To 20.38 %



MAT 2837

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

28-Ni-62  
-23.06 To 9999. %

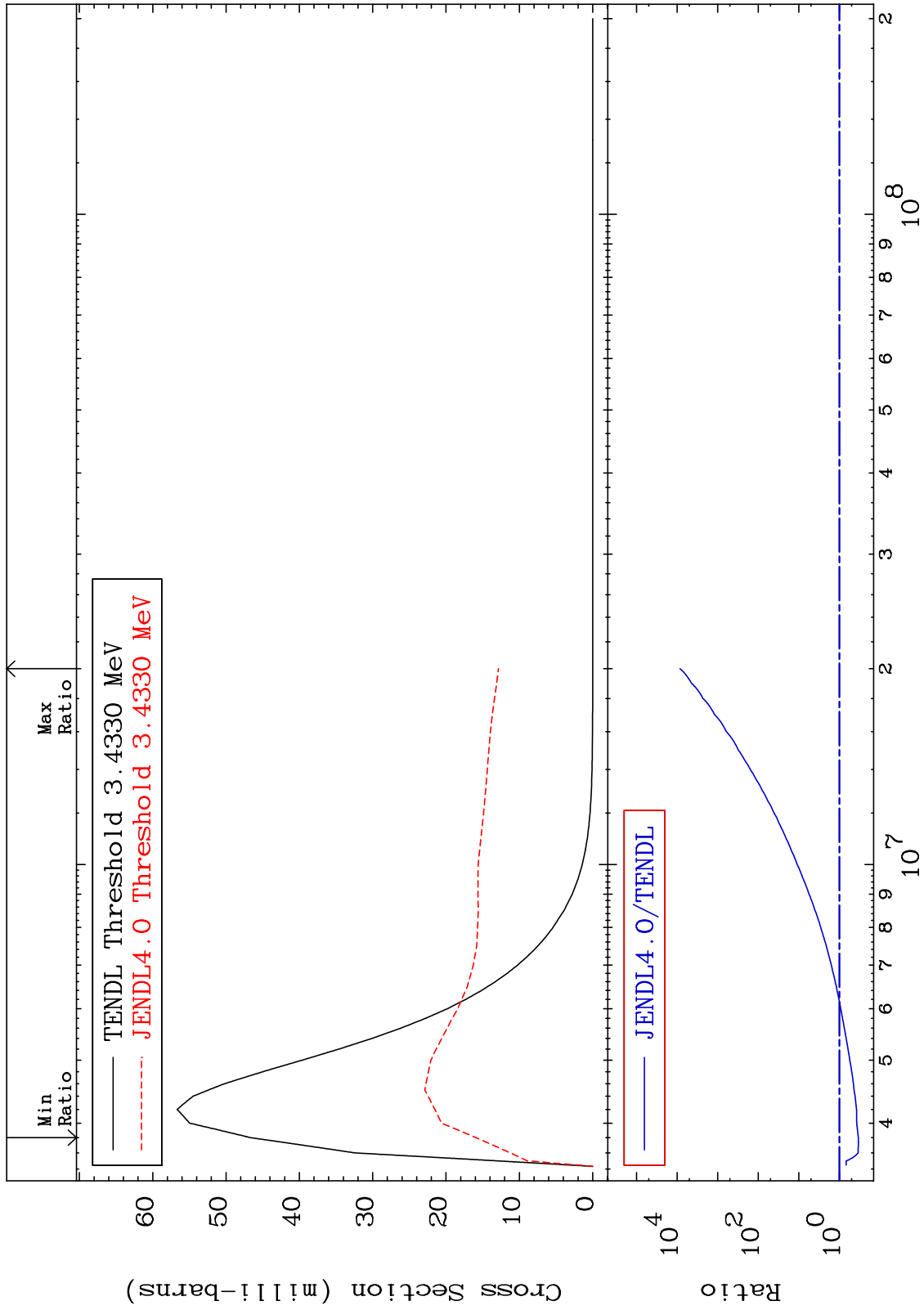


20

Incident Energy (eV)

28-Ni-62

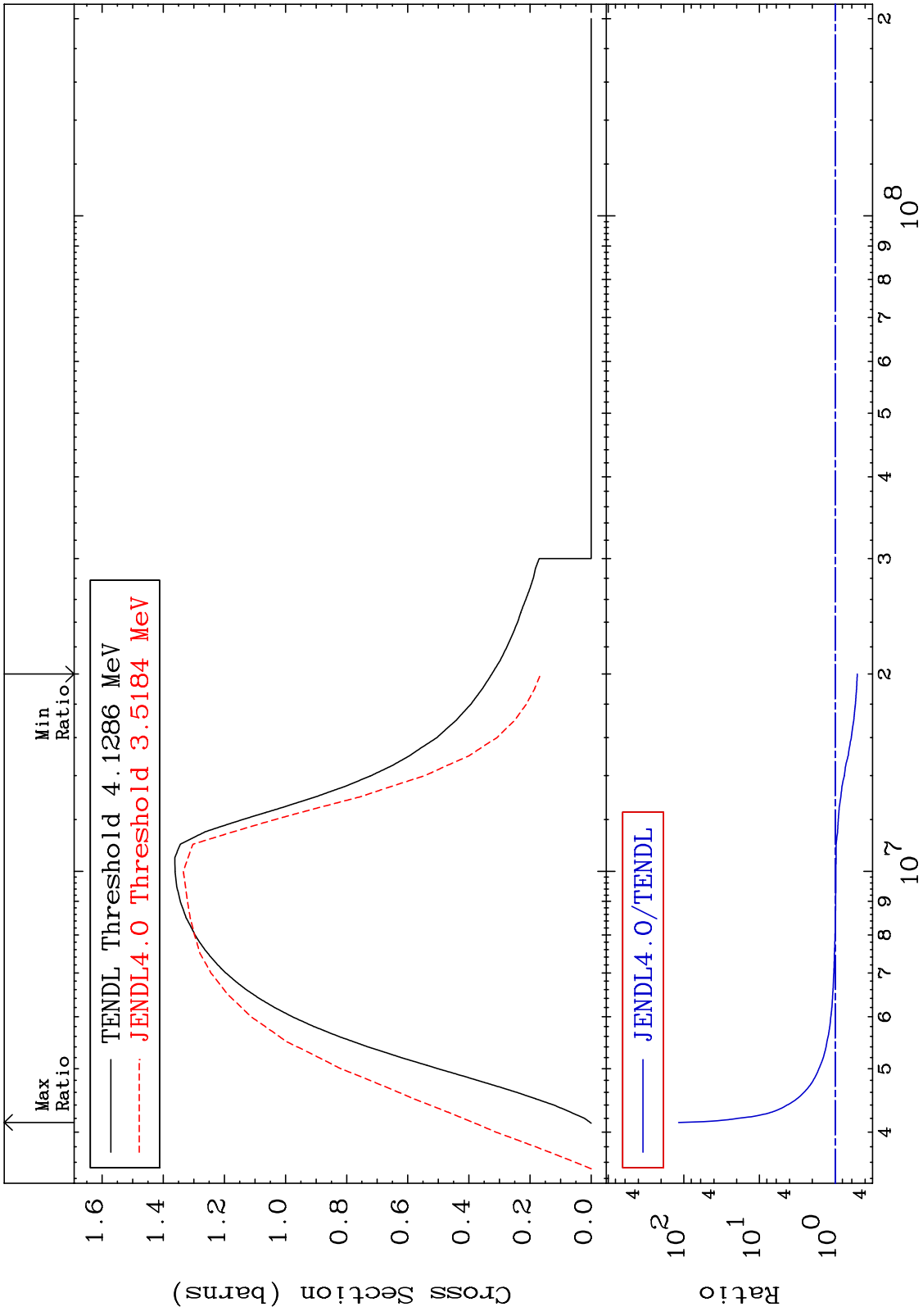
MAT 2837      MT= 64 (n,n') Level Cross Section      28-Ni-62  
 -65.88 To 9999. %



MAT 2837

(n, n') Continuum  
Cross Section

28-Ni-62  
-49.15 To 9999. %



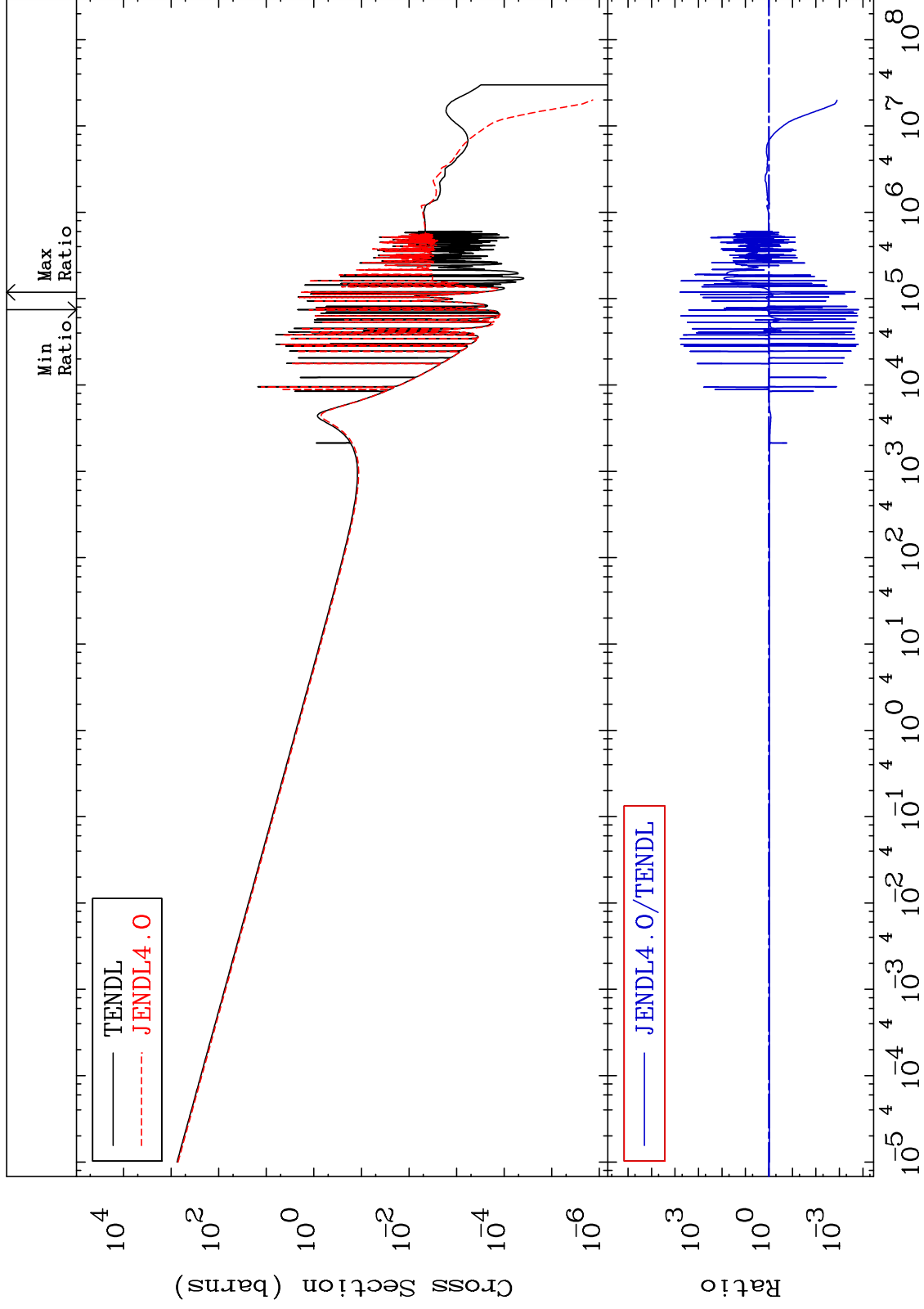
MAT 2837

(n,  $\gamma$ )

28-Ni-62

Cross Section

-99.98 To 9999. %



Incident Energy (eV)

28-Ni-62

23



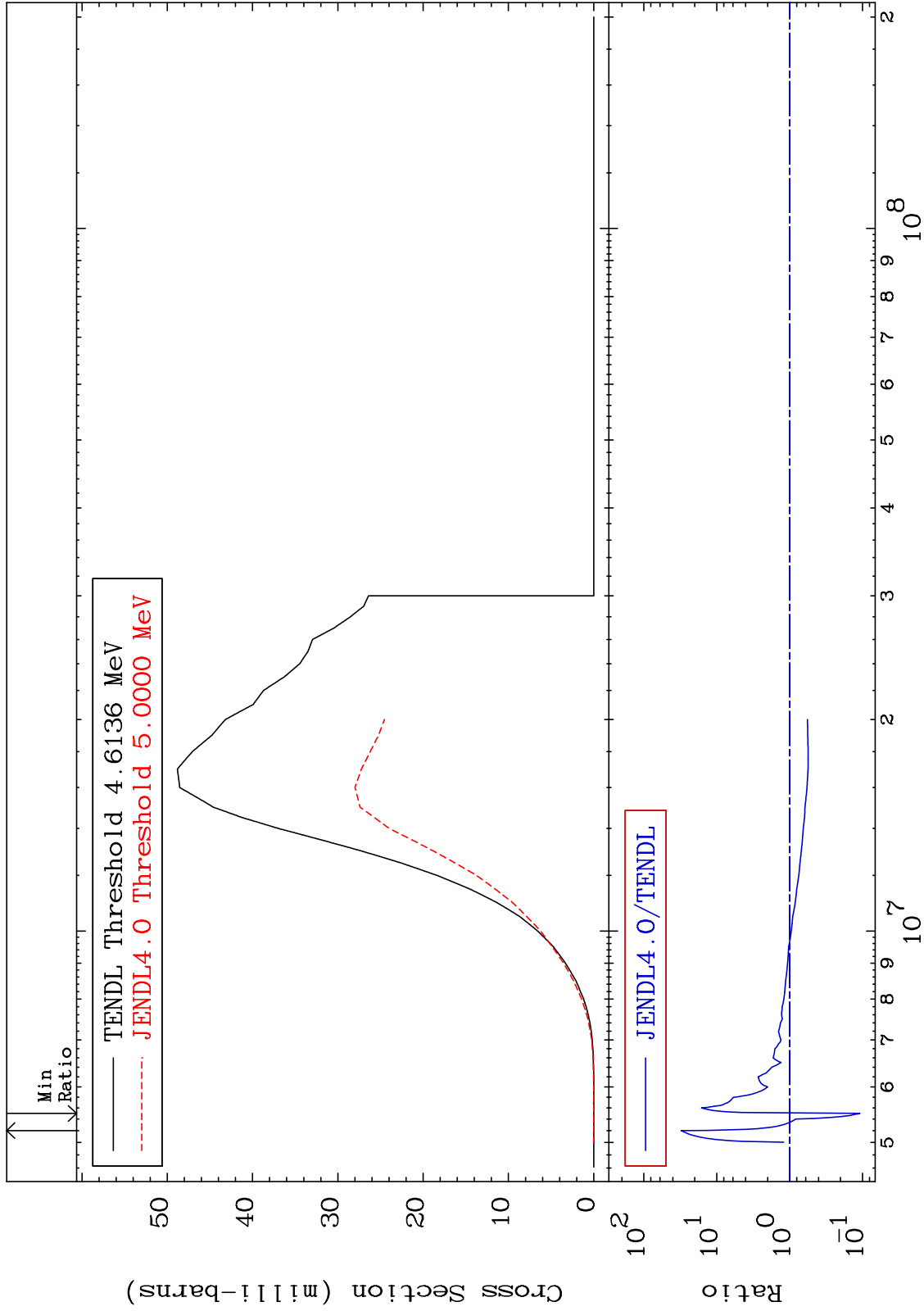
MAT 2837

(n,p)

28-Ni-62

Cross Section

-89.17 To 2967. %



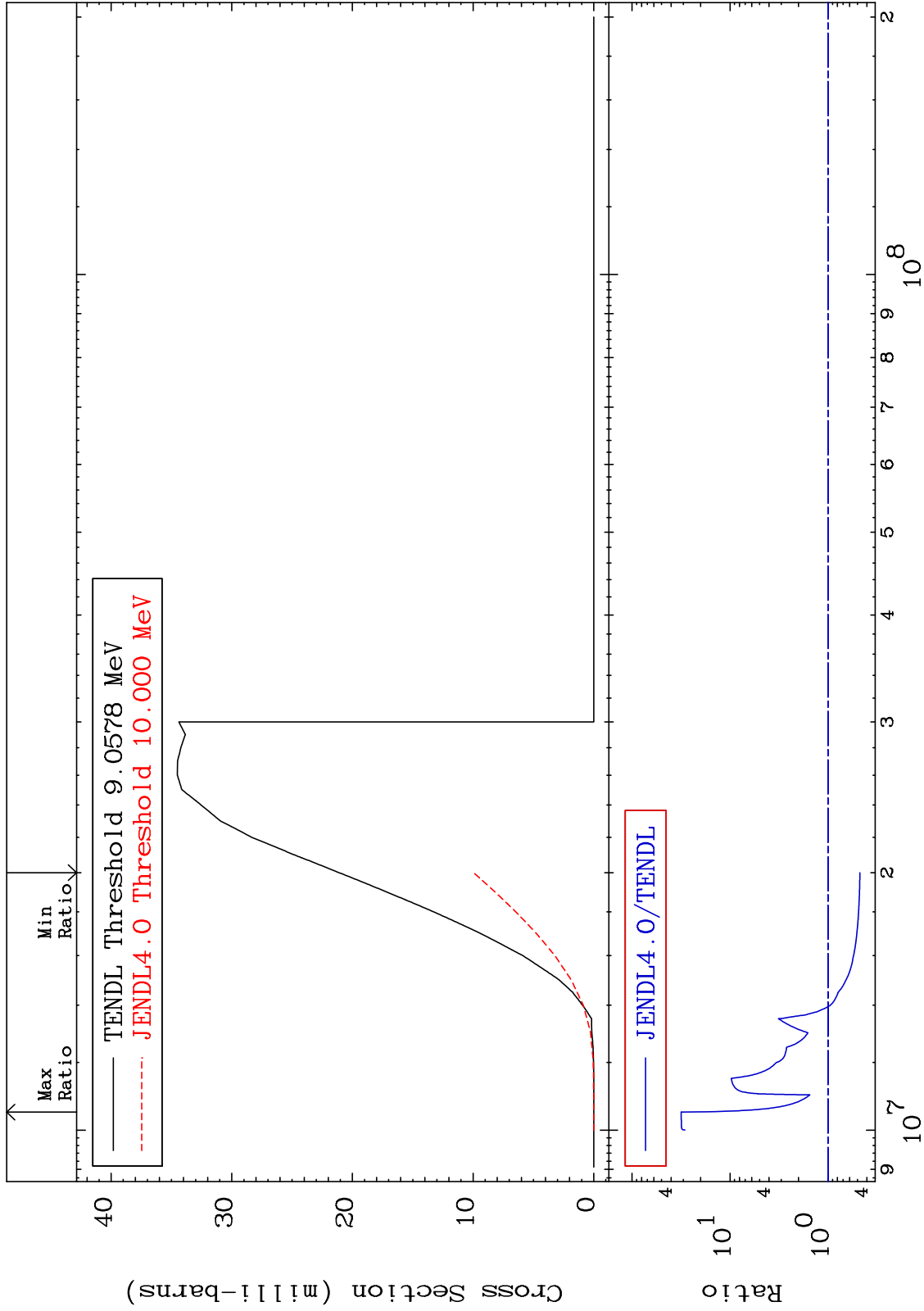
MAT 2837

(n, d)

28-Ni-62

Cross Section

-52.81 To 3049. %



25

Incident Energy (eV)

28-Ni-62

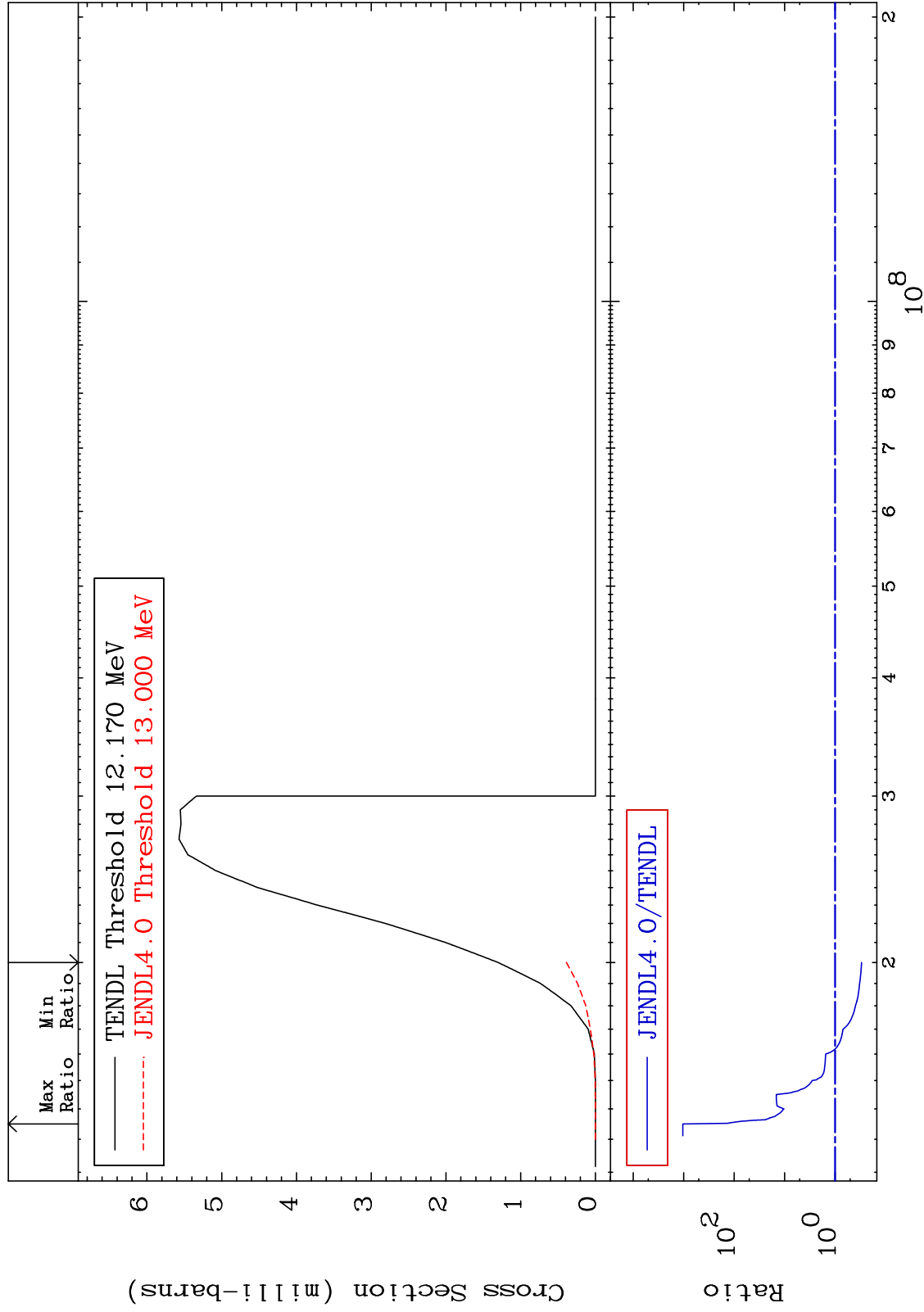
MAT 2837

(n, t)

28-Ni-62

Cross Section

-70.25 To 9999. %



26

28-Ni-62

28-Ni-62

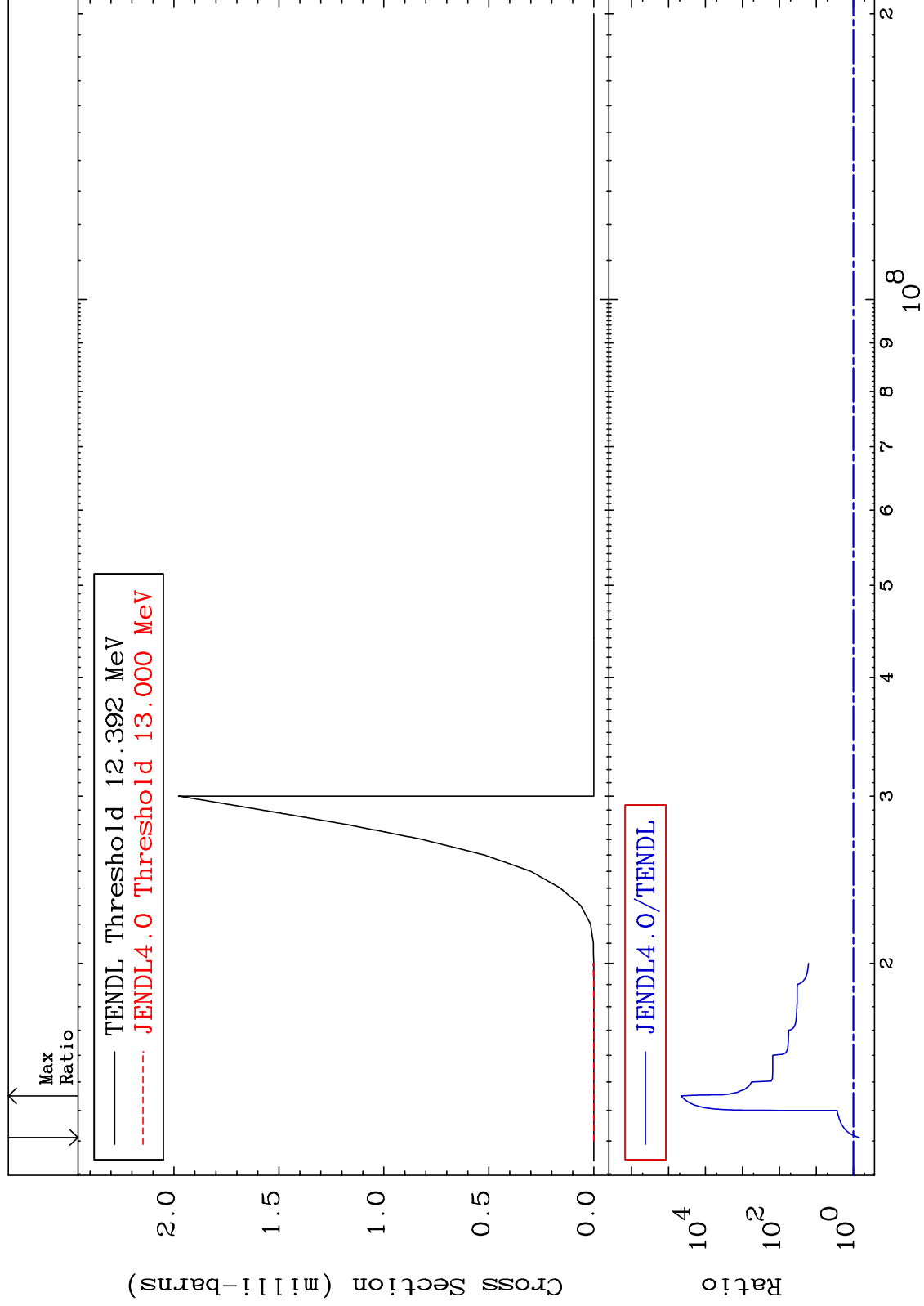
MAT 2837

(n, He-3)

28-Ni-62

Cross Section

-30.93 To 9999. %



27

Incident Energy (eV)

28-Ni-62

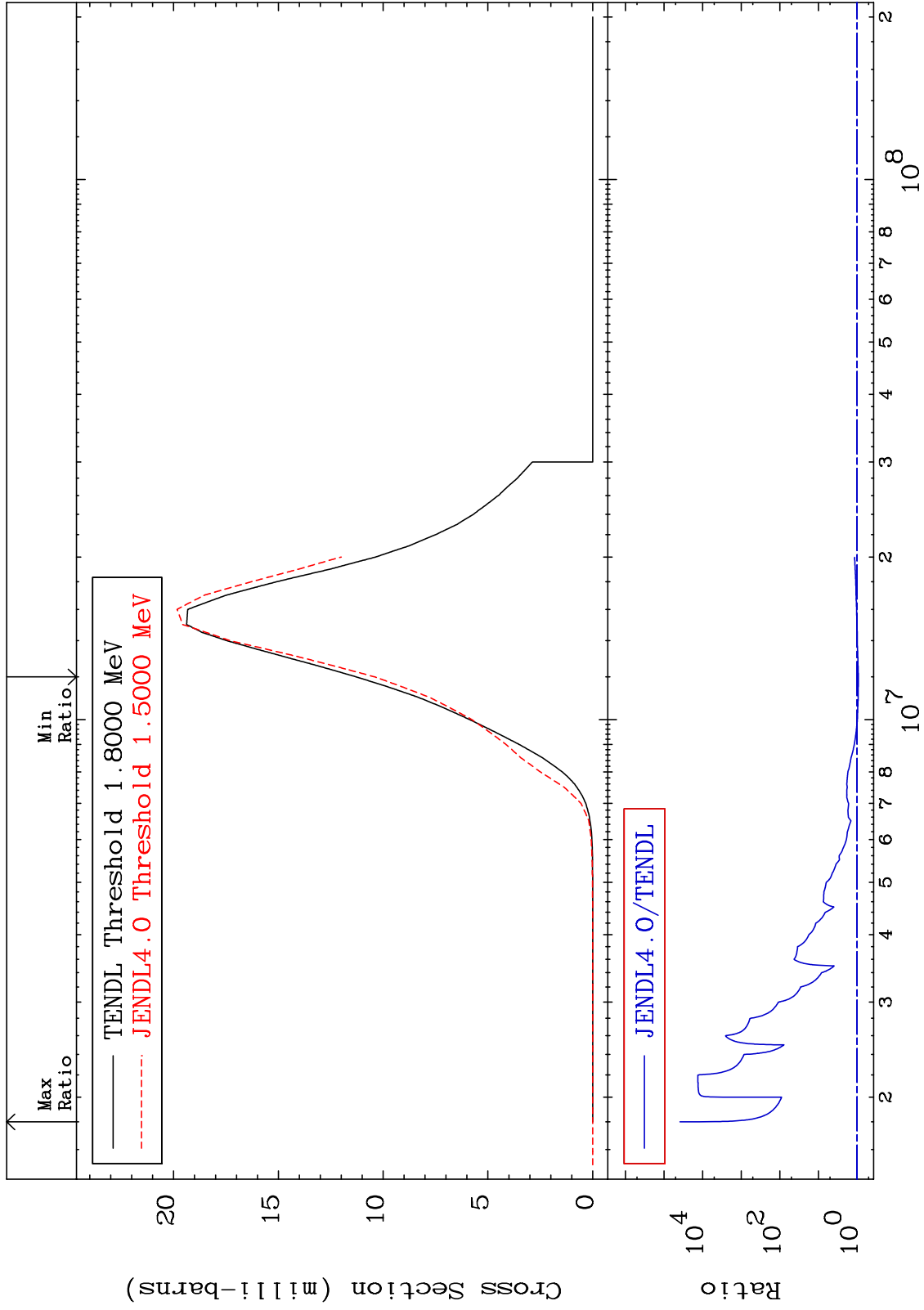
MAT 2837

(n,  $\alpha$ )

28-Ni-62

Cross Section

-7.852 To 9999. %



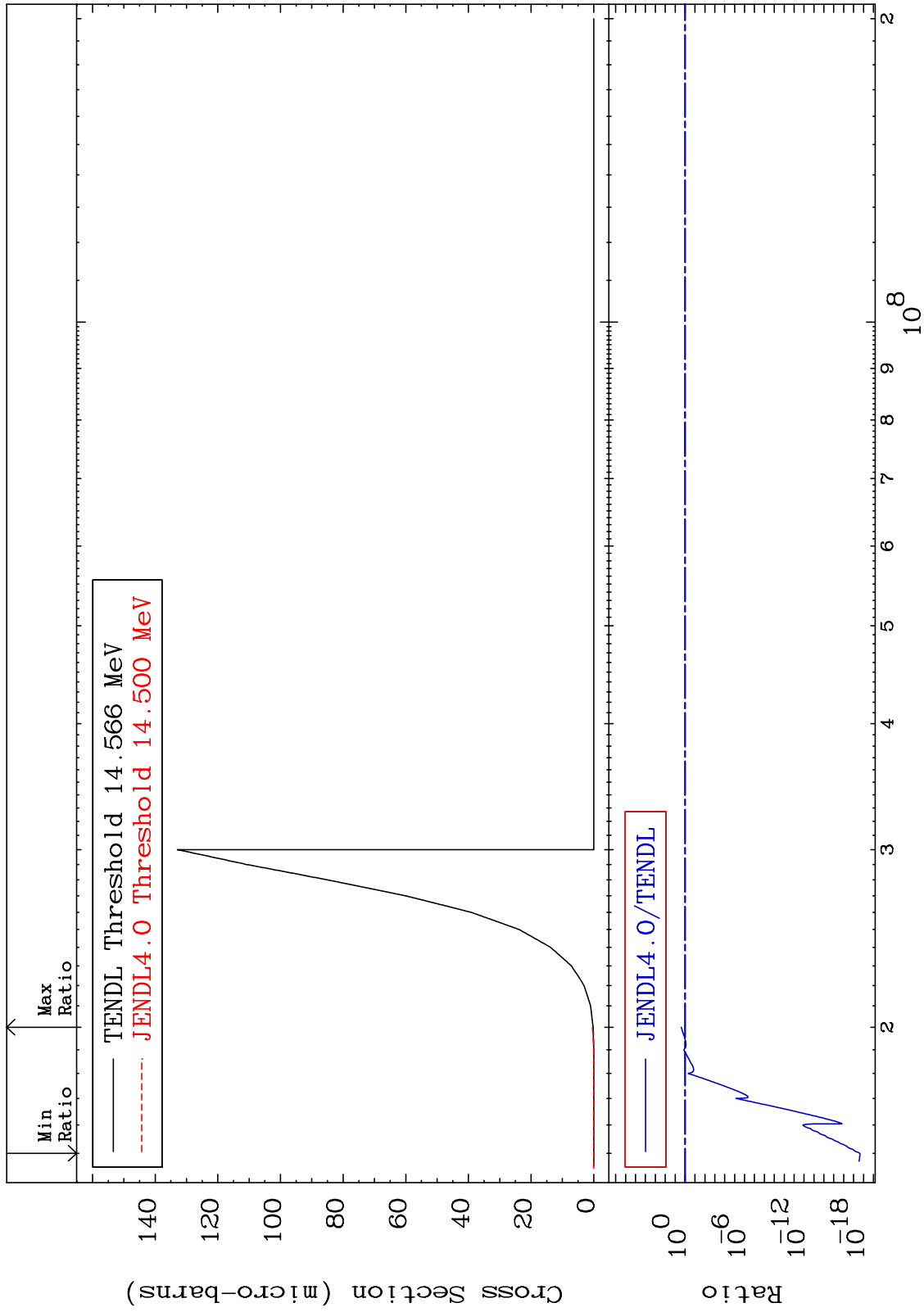
MAT 2837

(n,2p)

28-Ni-62

Cross Section

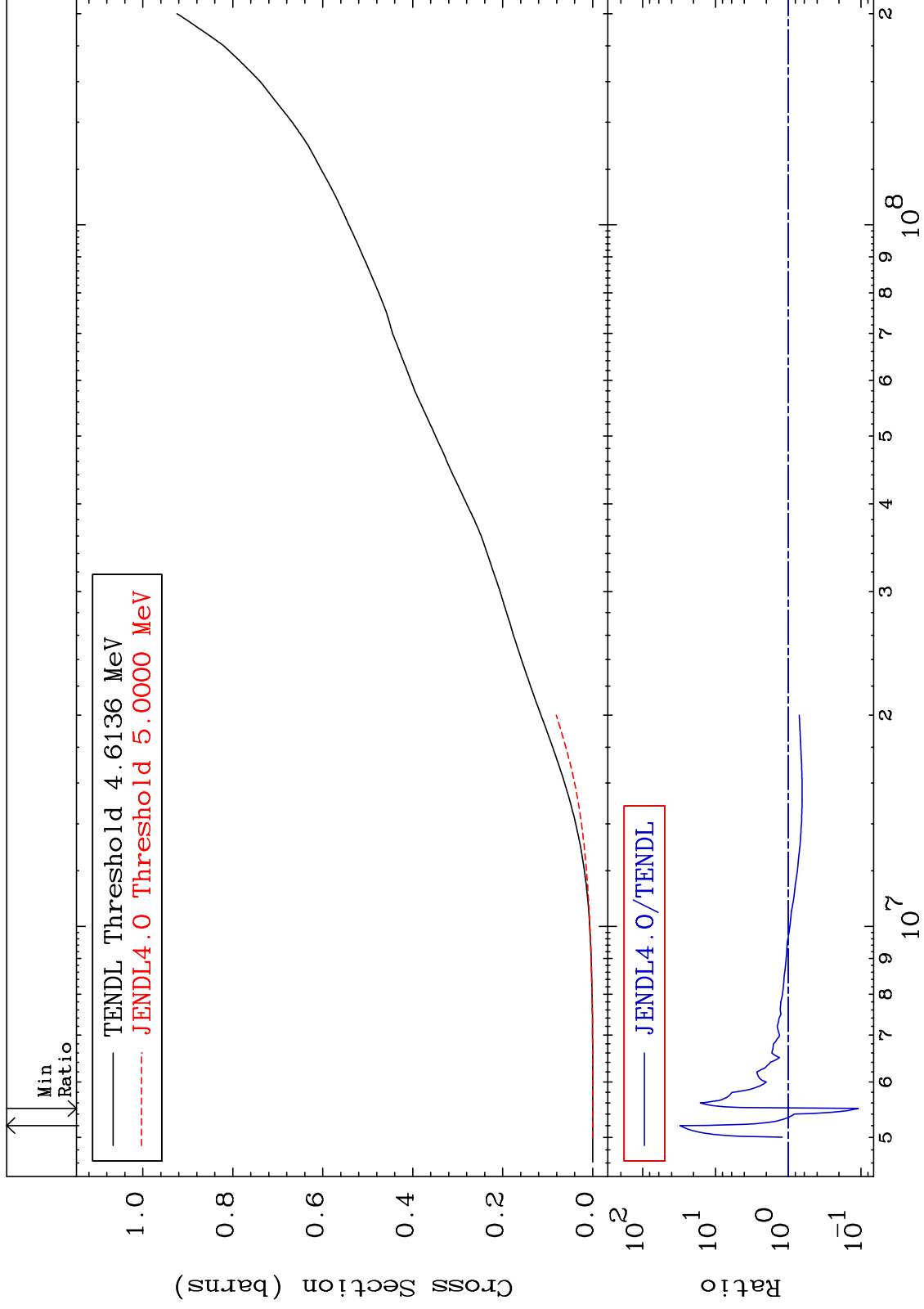
-100.0 To 143.8 %



MAT 2837

Hydrogen Production  
Cross Section

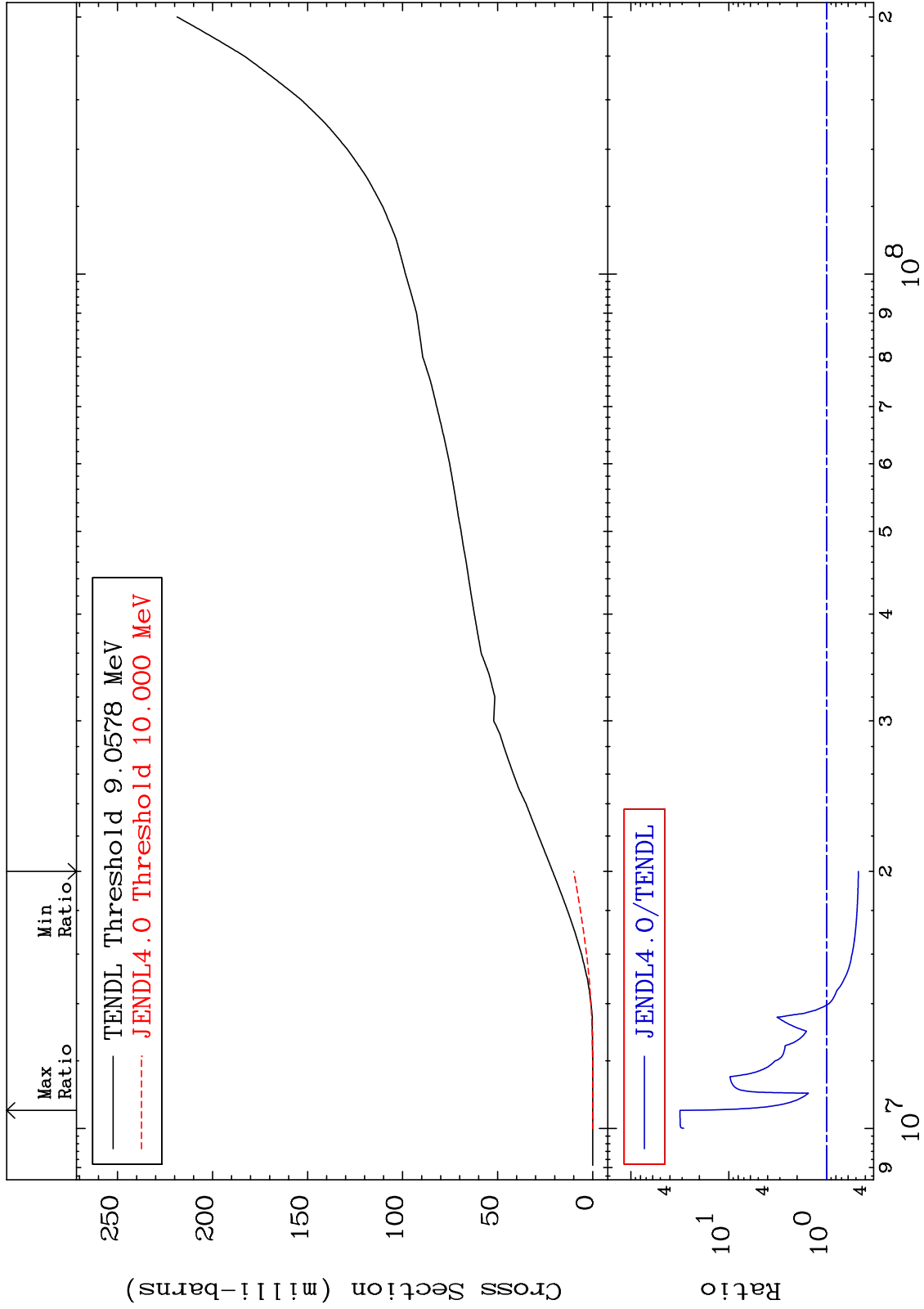
28-Ni-62  
-89.17 To 2967. %



MAT 2837

Deuterium Production  
Cross Section

28-Ni-62  
-52.81 To 3049. %



31

Incident Energy (eV)

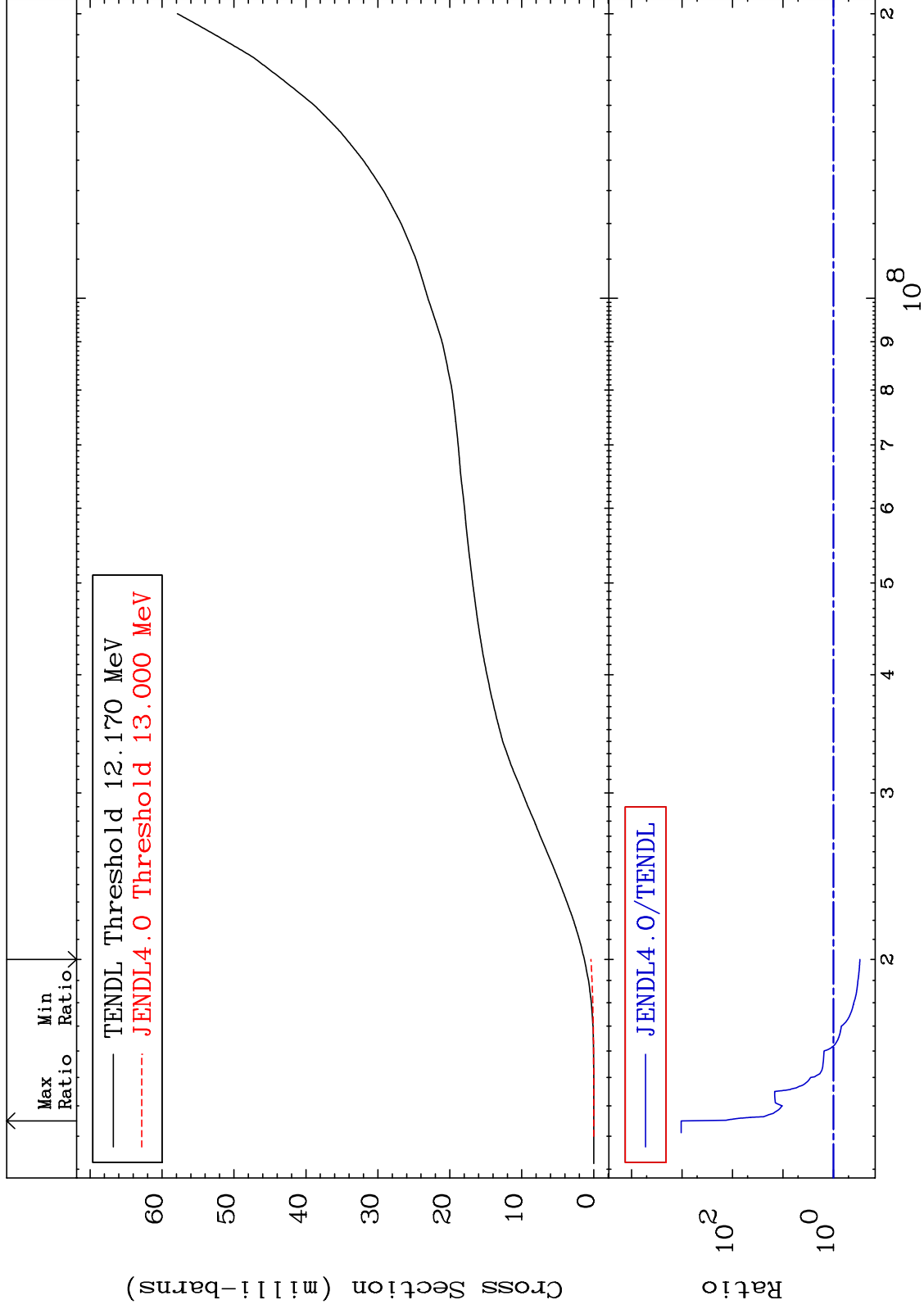
28-Ni-62



MAT 2837

Tritium Production  
Cross Section

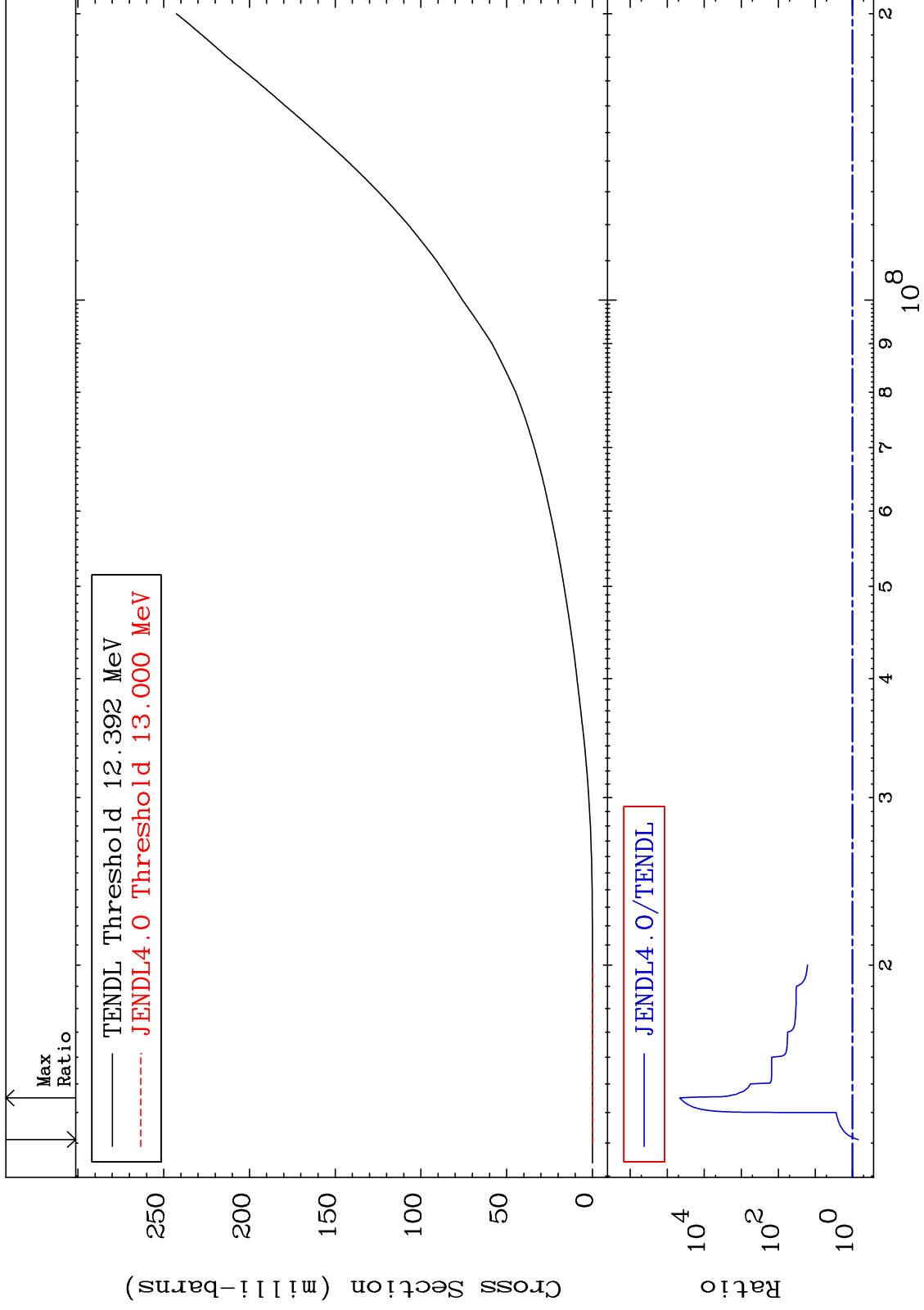
<sup>28</sup>Ni-62  
-70.25 To 9999. %



MAT 2837

He-3 Production  
Cross Section

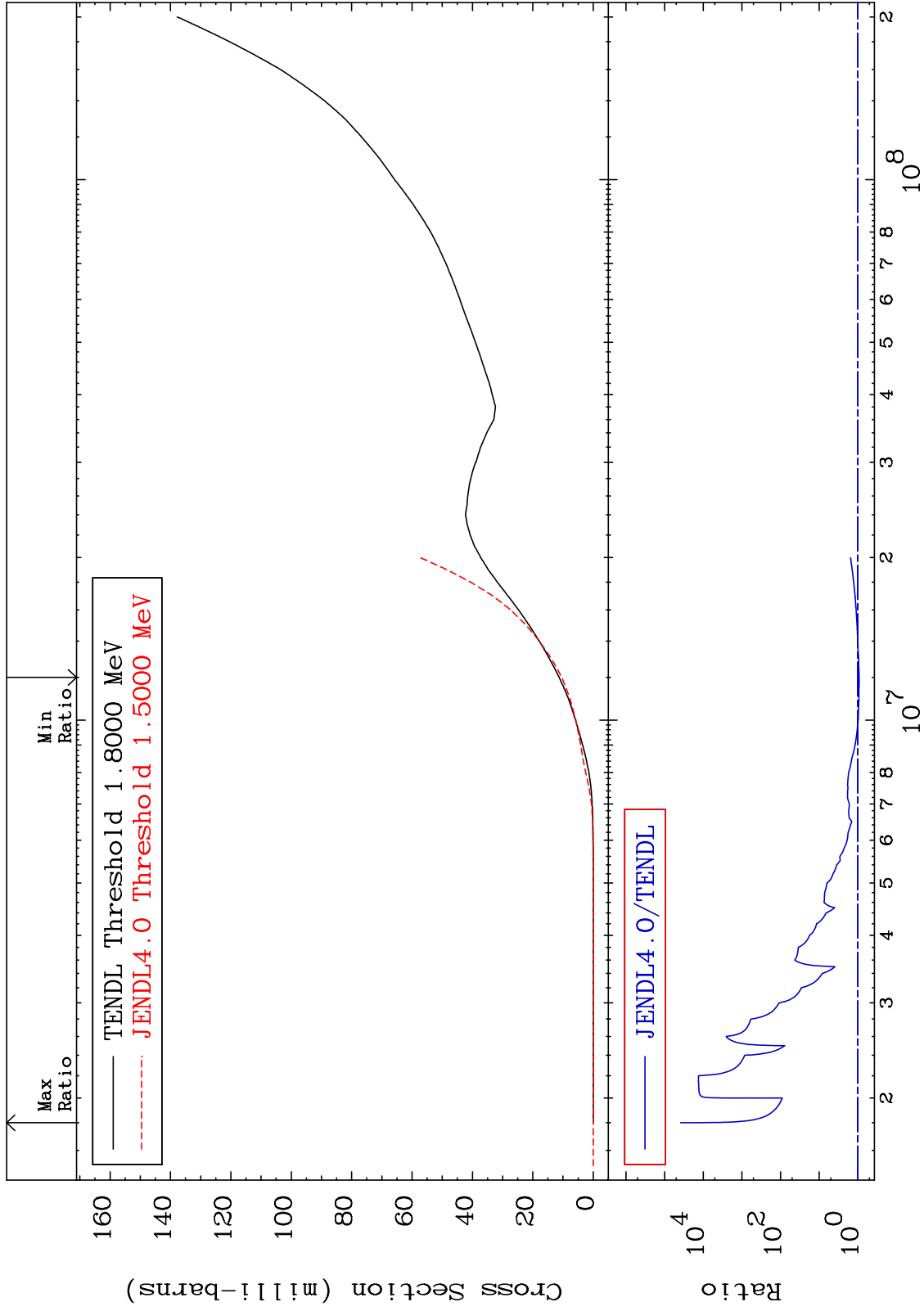
28-Ni-62  
-30.93 To 9999. %



MAT 2837

He-4 Production  
Cross Section

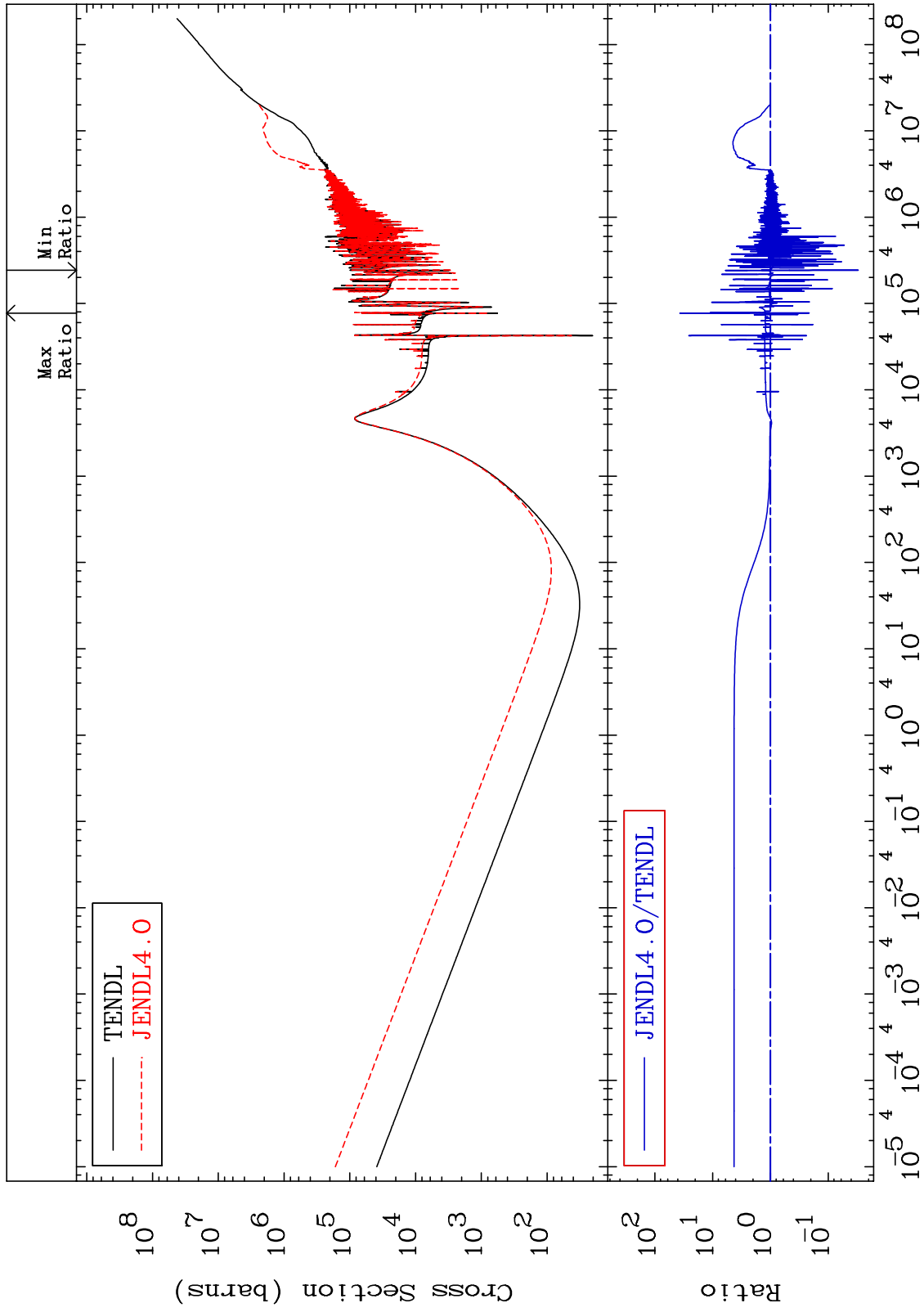
28-Ni-62  
-7.770 To 9999. %



MAT 2837

Kerma total (eV-barns)  
Cross Section

28-Ni-62  
-96.99 To 3568. %



35

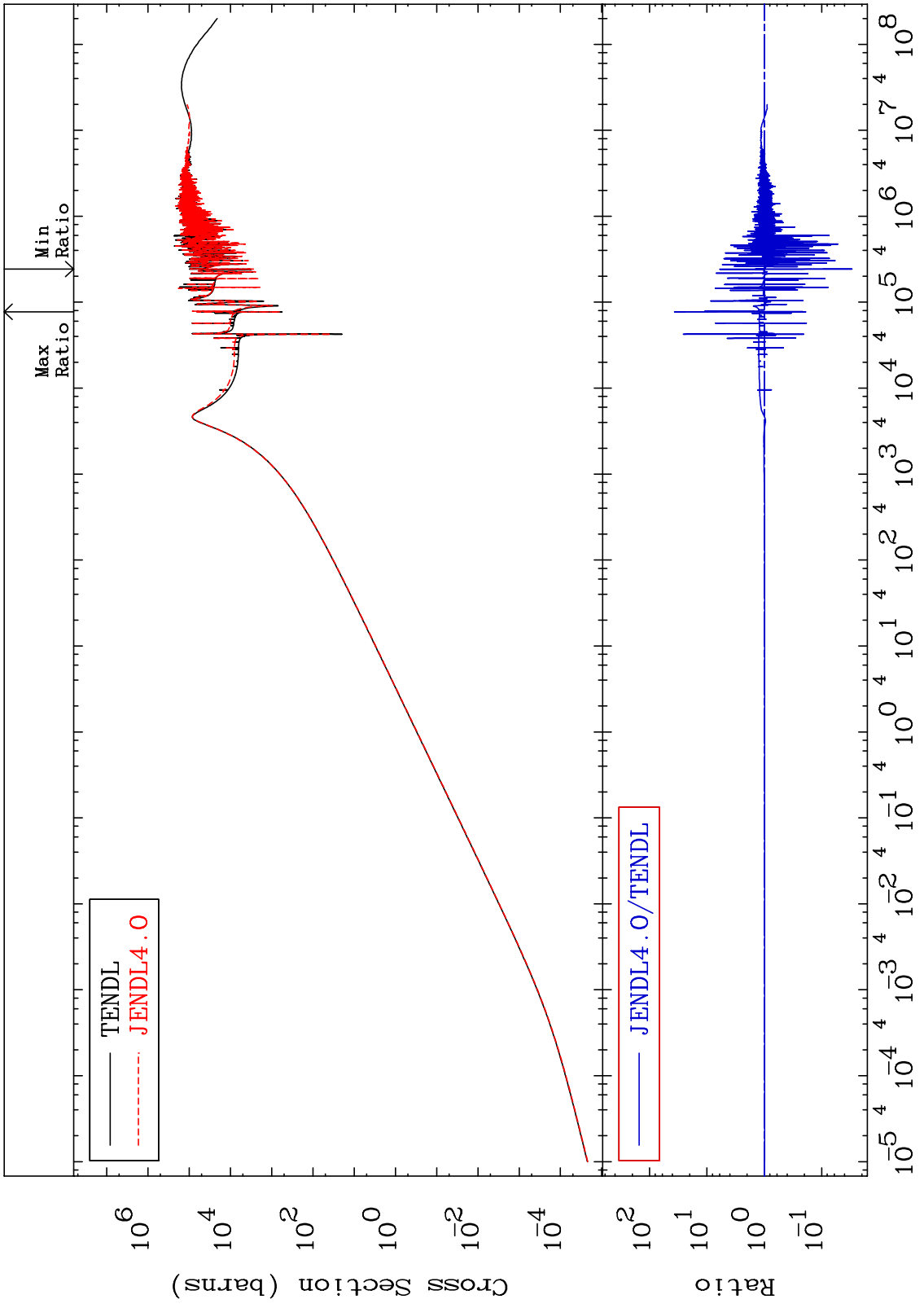
Incident Energy (eV)

28-Ni-62

MAT 2837

Kerma elastic  
Cross Section

28-Ni-62  
-97.06 To 3568. %



36

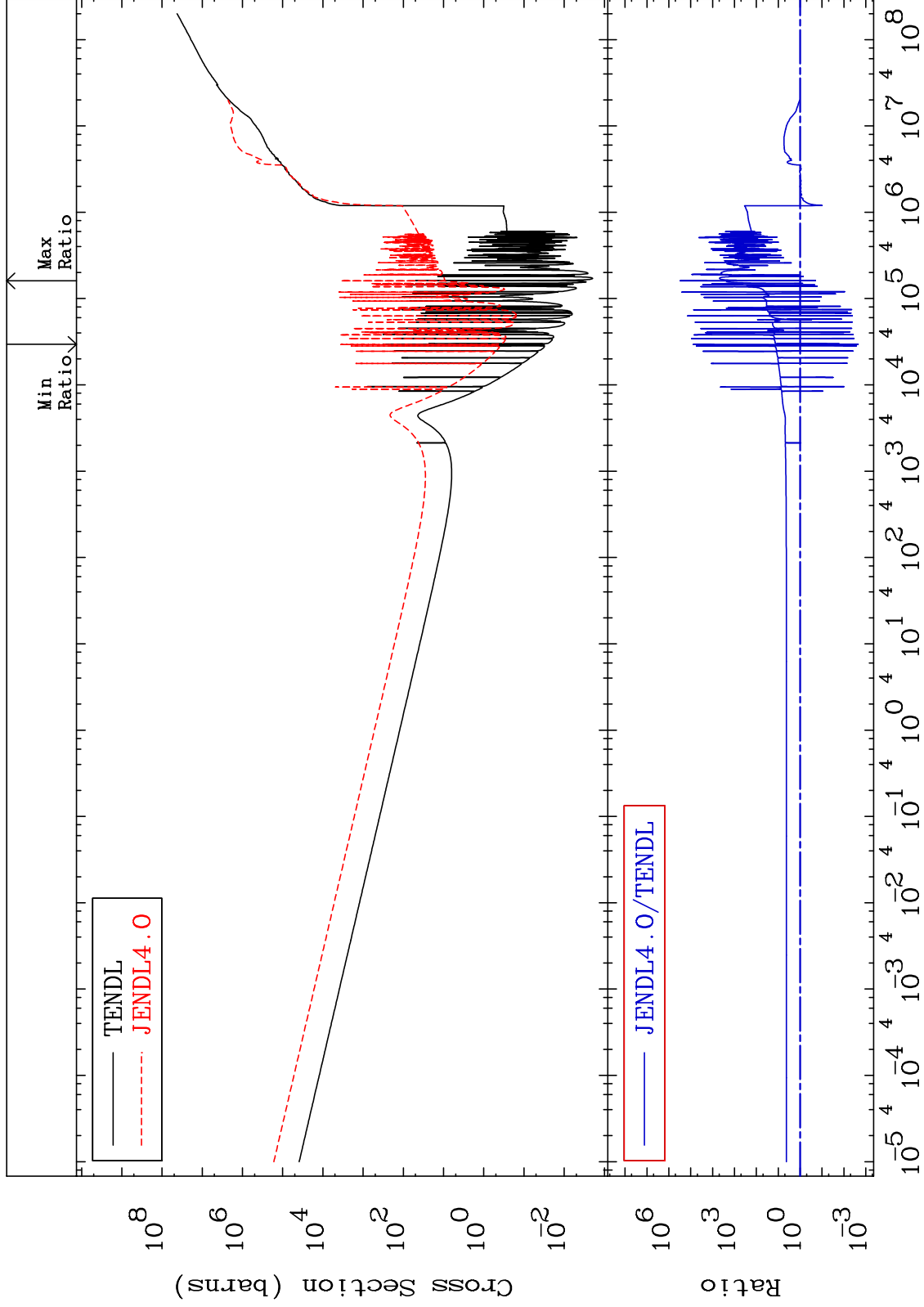
Incident Energy (eV)

28-Ni-62

MAT 2837

Kerma non-elastic (all but mt2)  
Cross Section

28-Ni-62  
-99.78 To 9999. %



37

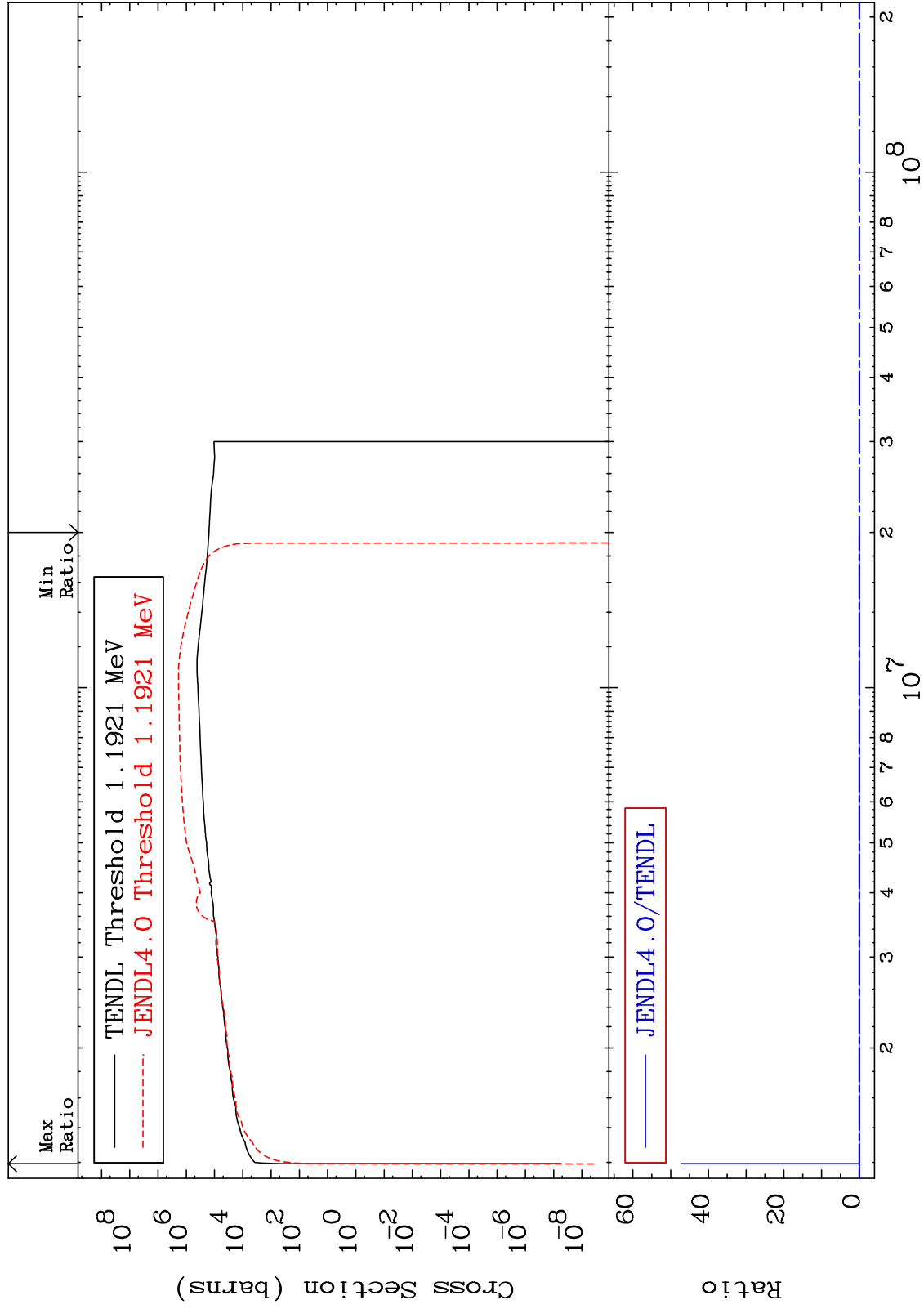
Incident Energy (eV)

28-Ni-62

MAT 2837

Kerma inelastic (mt51-91)  
Cross Section

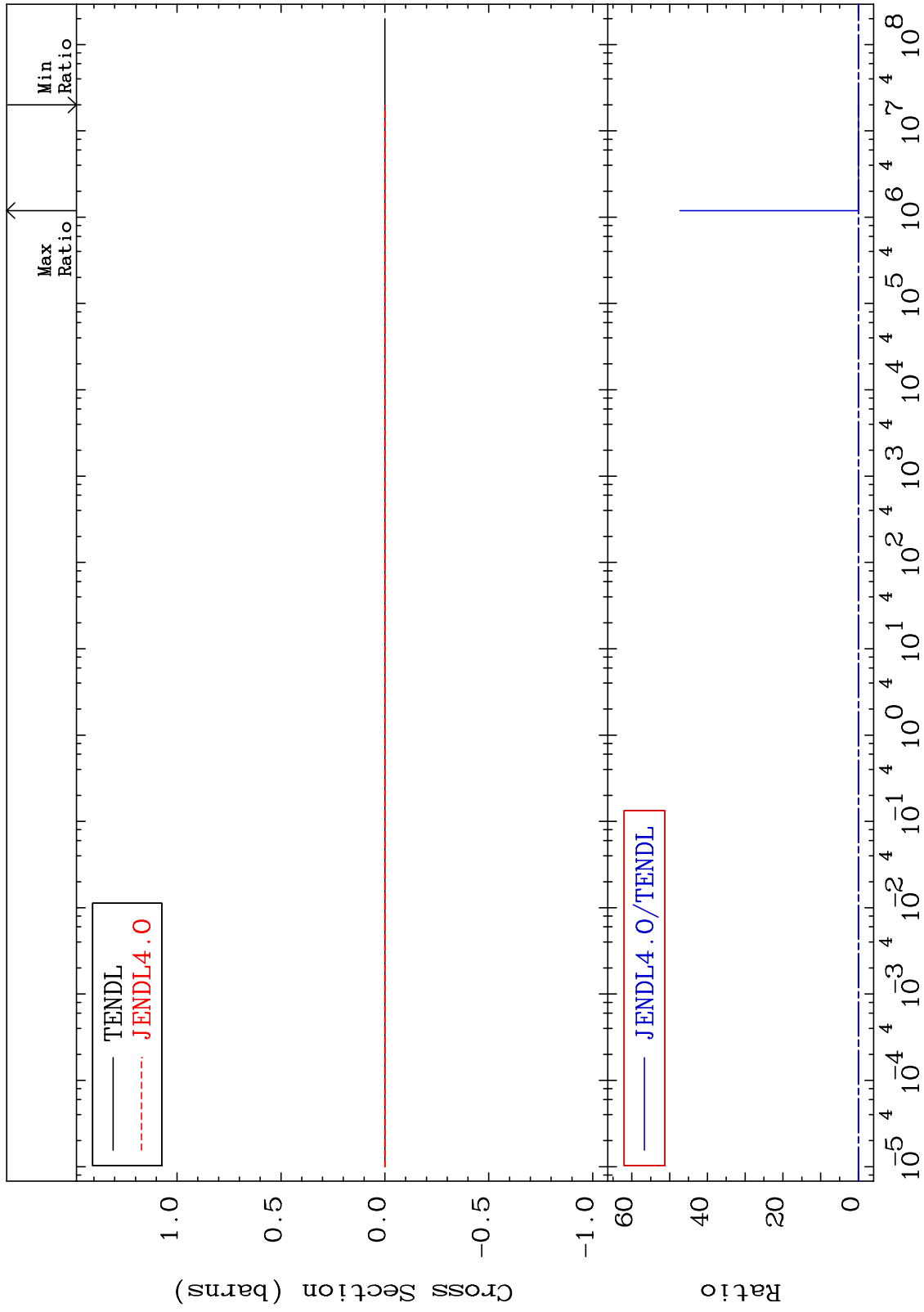
28-Ni-62  
-208.4 To 9999. %



MAT 2837

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

28-Ni-62  
-208.4 To 9999. %



39

Incident Energy (eV)

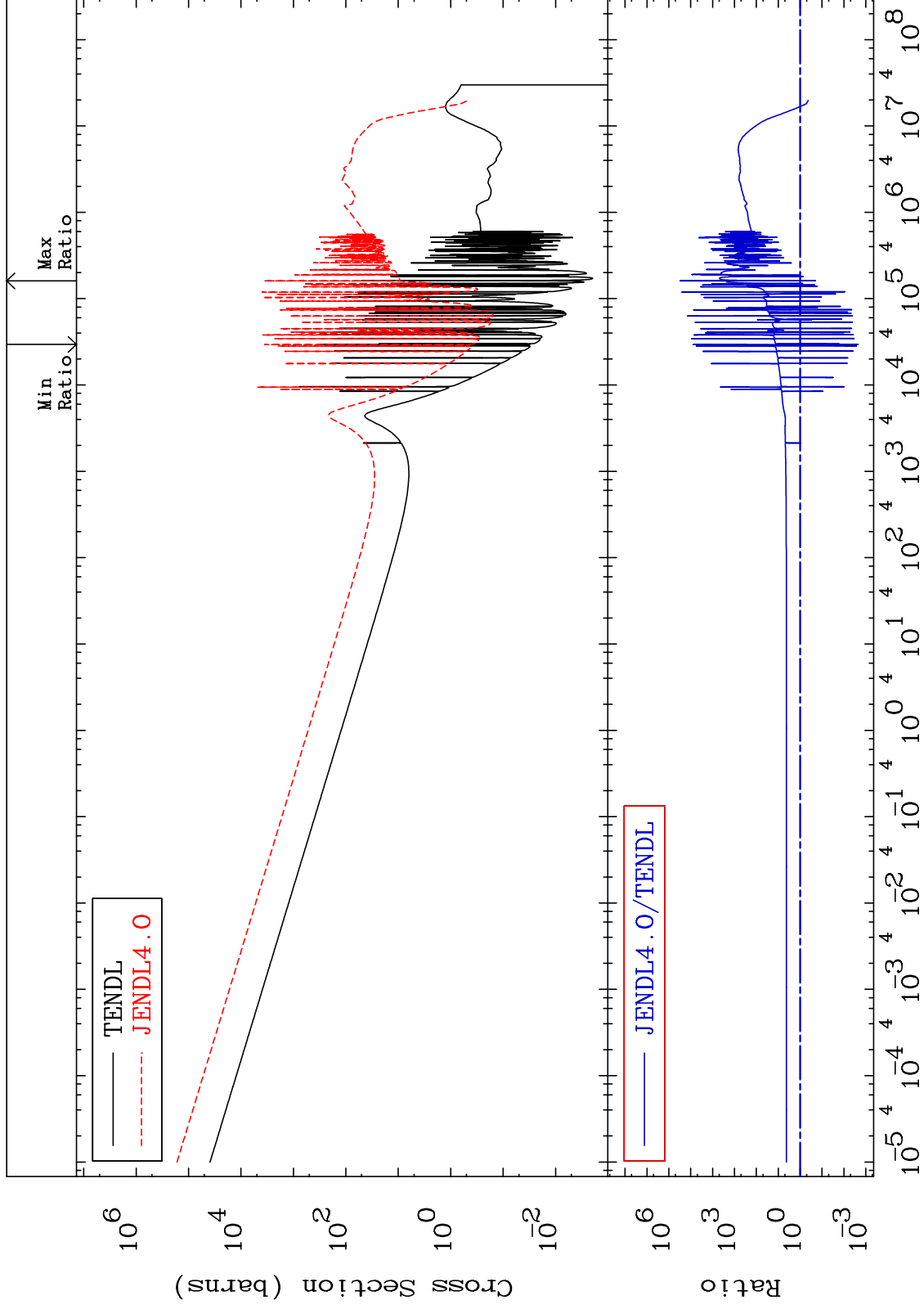
28-Ni-62



MAT 2837

Kerma capture (mt102)  
Cross Section

28-Ni-62  
-99.78 To 9999. %



40

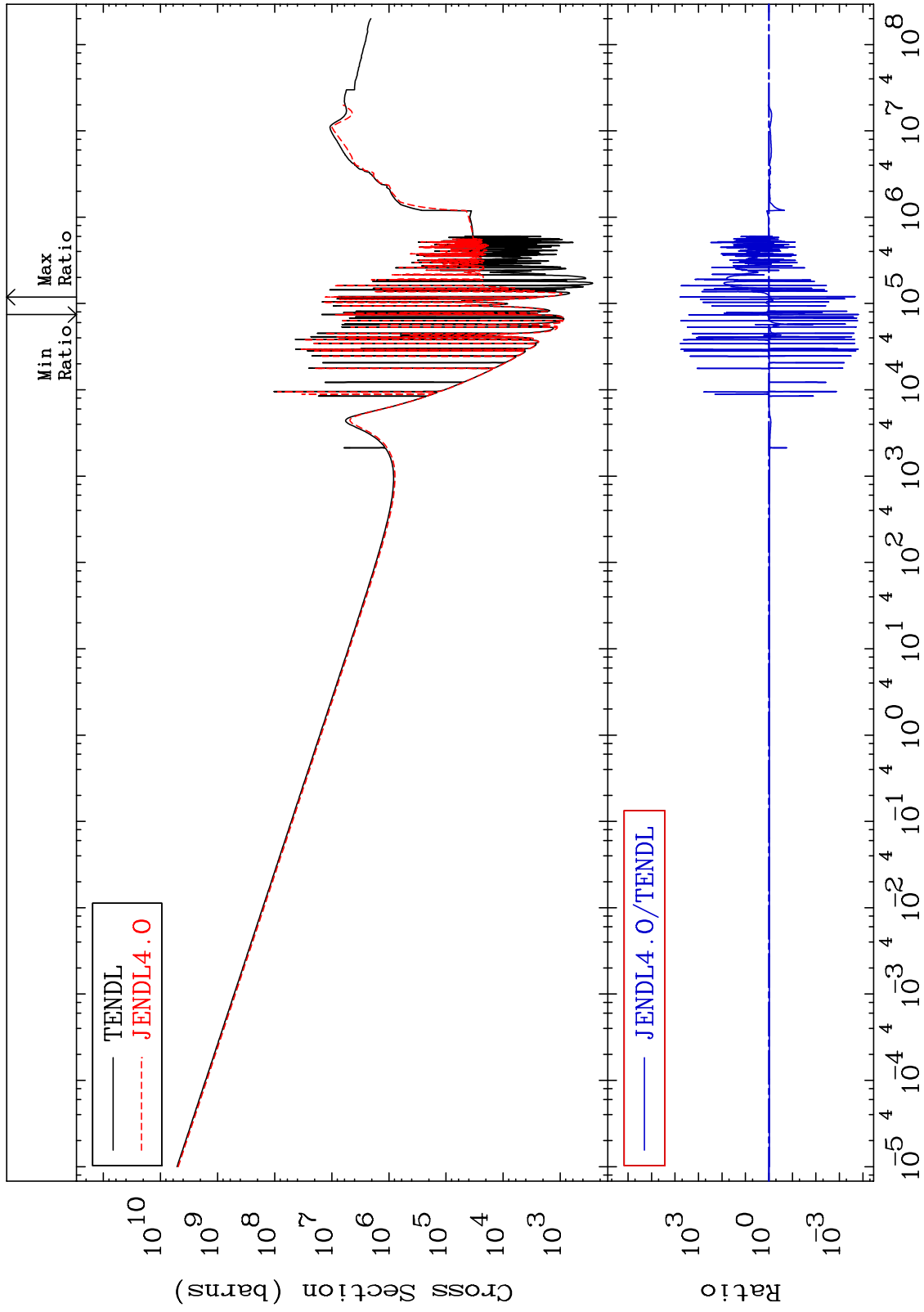
Incident Energy (eV)

28-Ni-62

MAT 2837

Total photon (eV-barns)  
Cross Section

28-Ni-62  
-99.98 To 9999. %



41

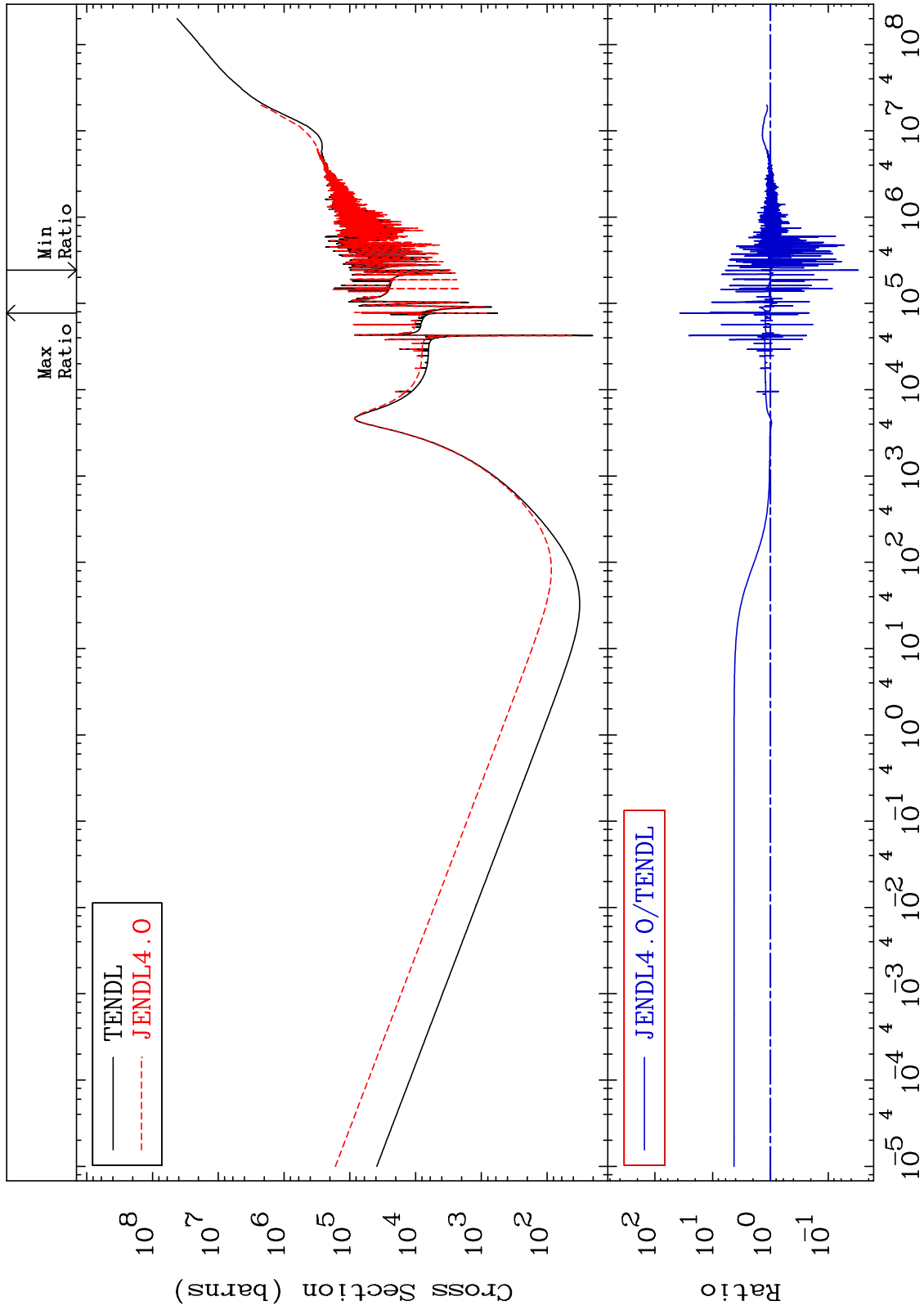
Incident Energy (eV)

28-Ni-62

MAT 2837

Total kinematic kerma (high limit)  
Cross Section

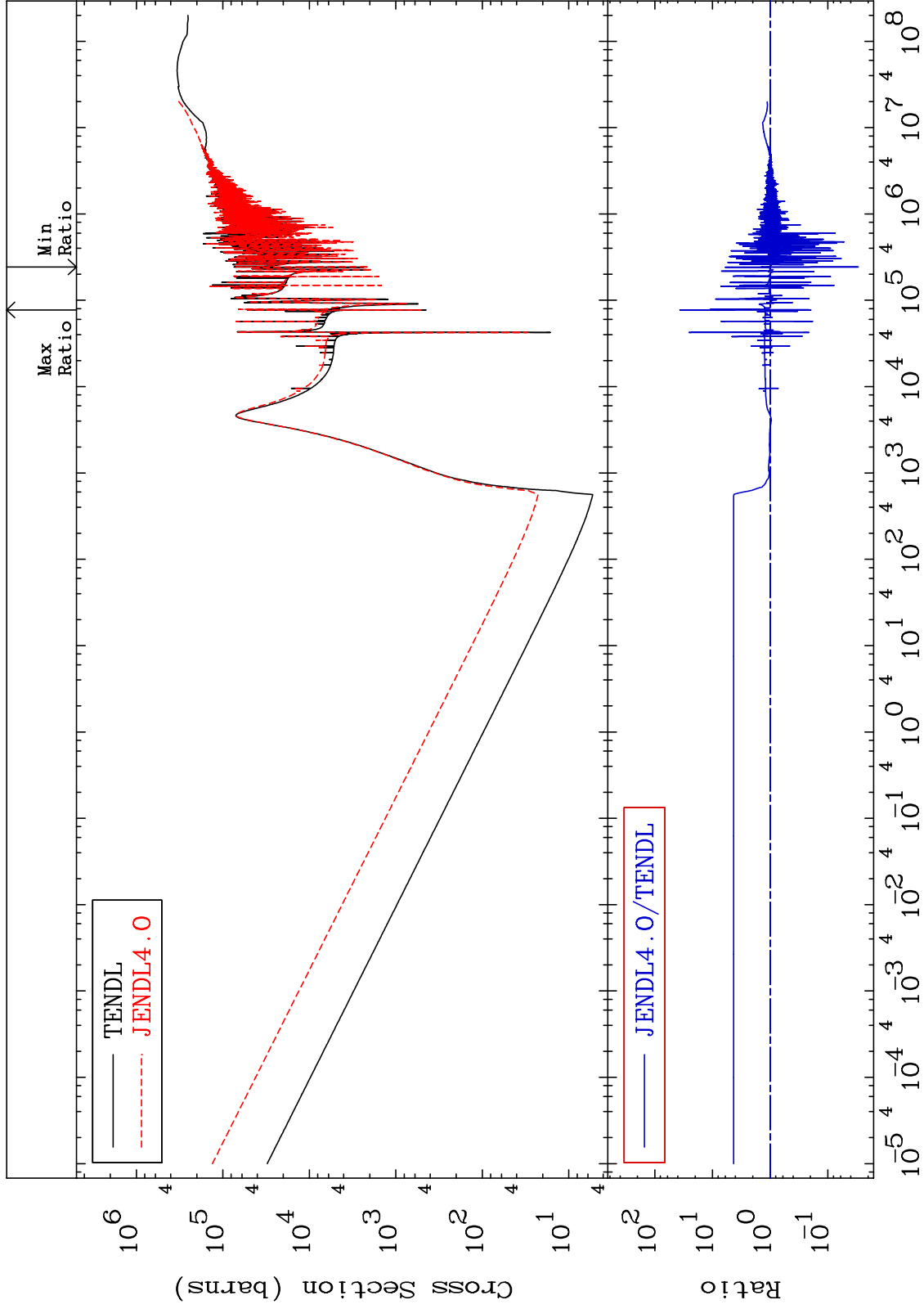
28-Ni-62  
-96.99 To 3568. %



MAT 2837

Dpa total (eV-barns)  
Cross Section

28-Ni-62  
-97.05 To 3557. %



43

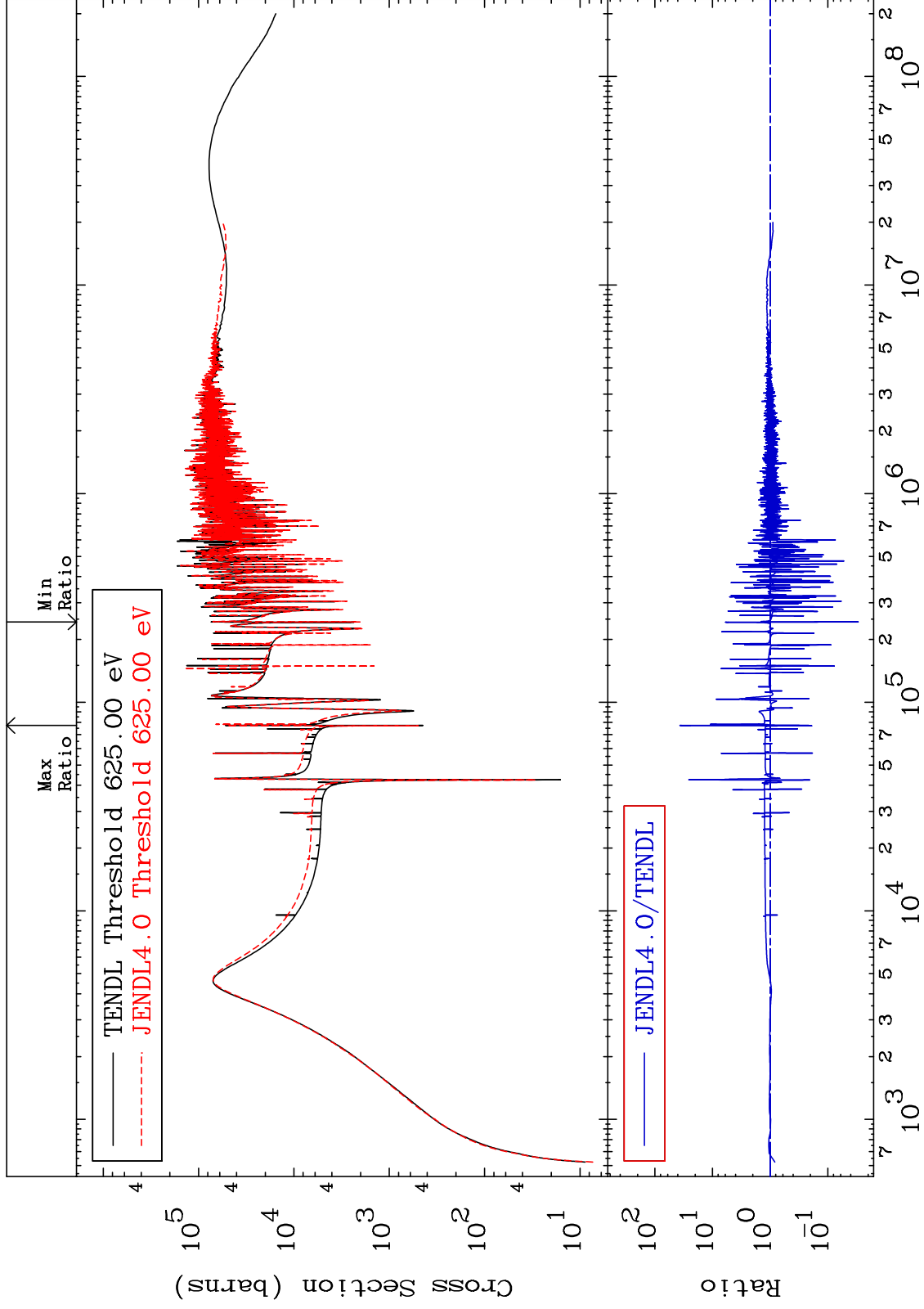
Incident Energy (eV)

28-Ni-62

MAT 2837

Dpa elastic (mt2)  
Cross Section

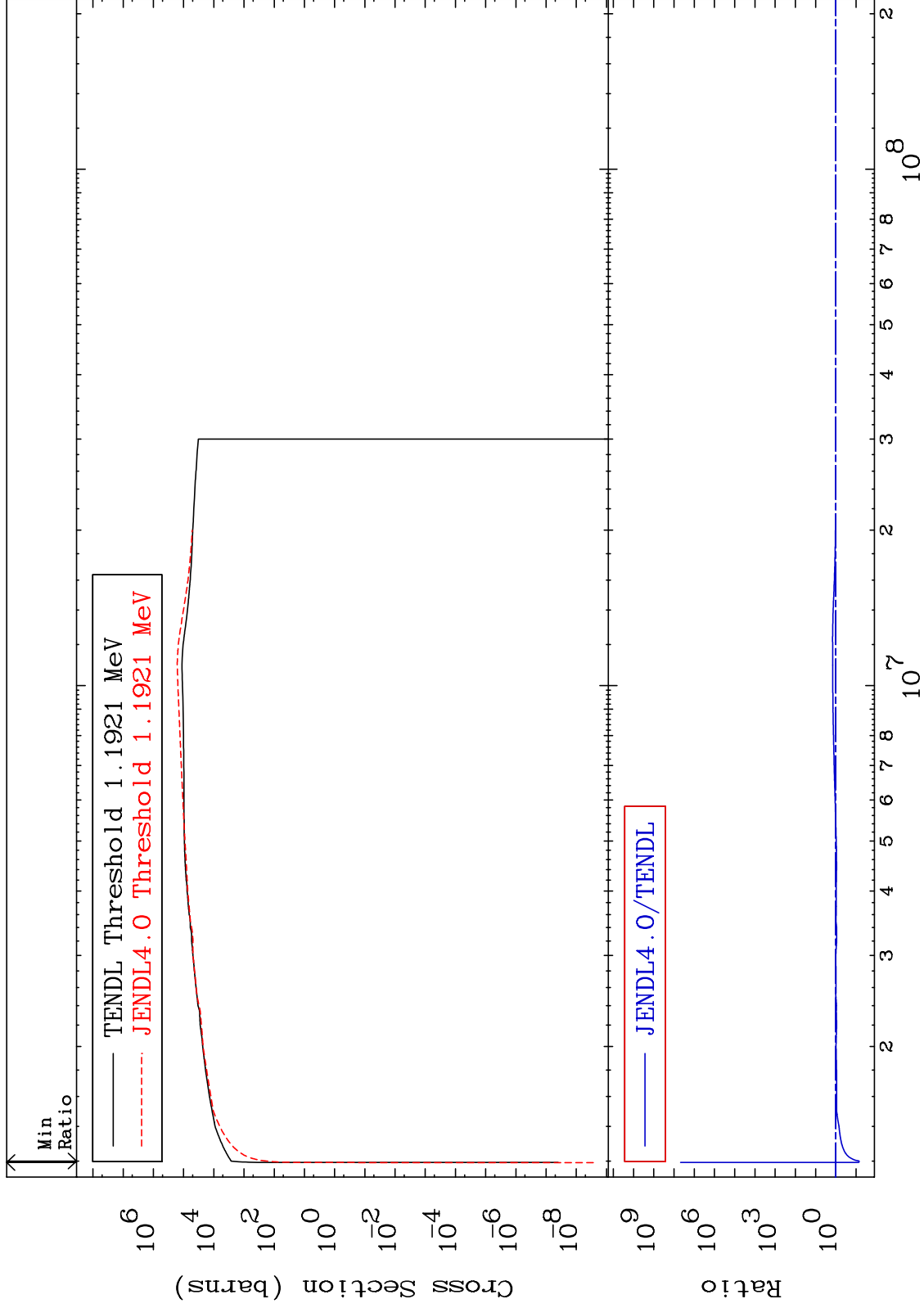
28-Ni-62  
-97.06 To 3569. %



MAT 2837

Dpa inelastic (mt51-91)  
Cross Section

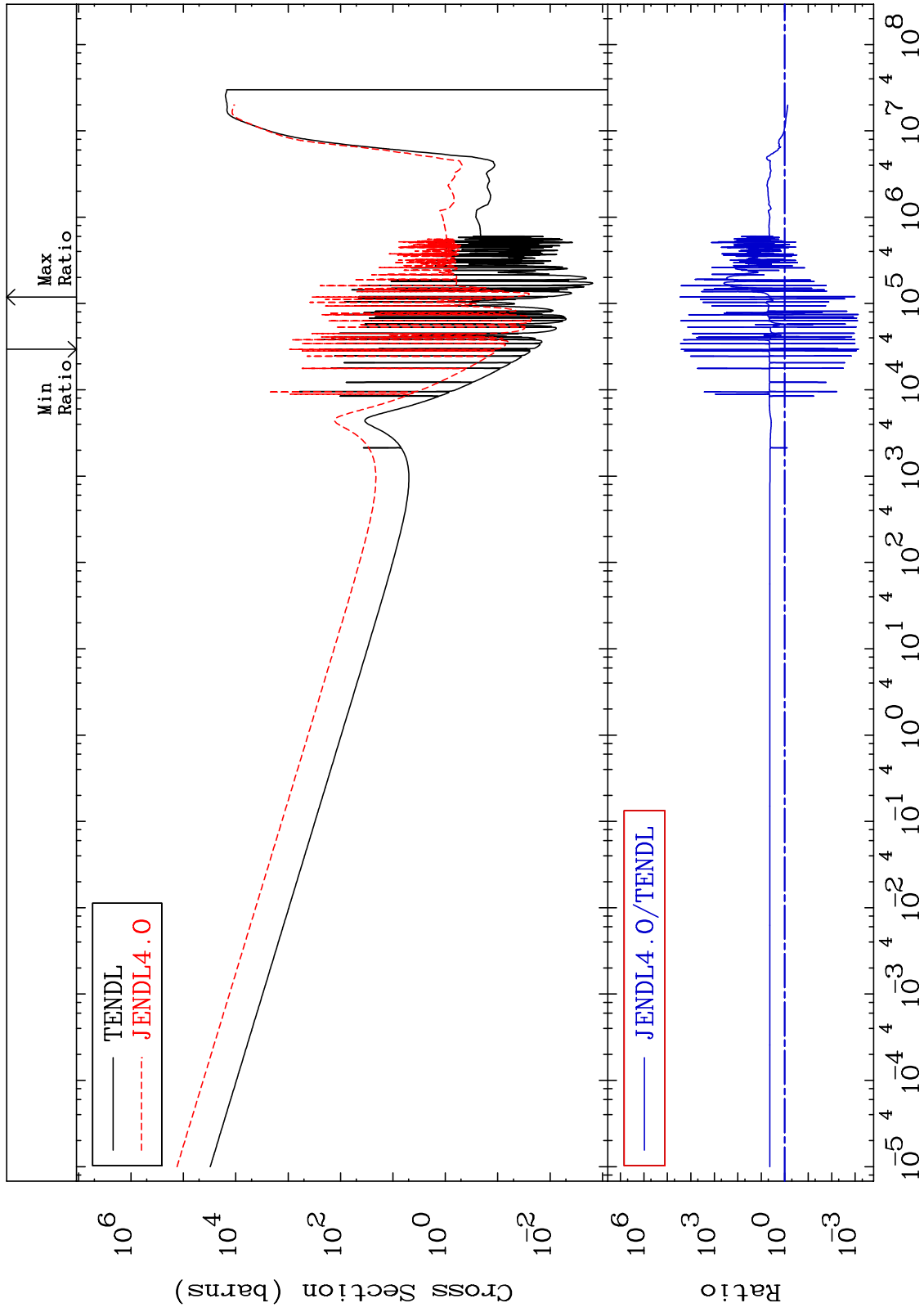
28-Ni-62  
-92.99 To 9999. %



MAT 2837

Dpa disappearance (mt102 -120)  
Cross Section

28-Ni-62  
-99.93 To 9999. %



46

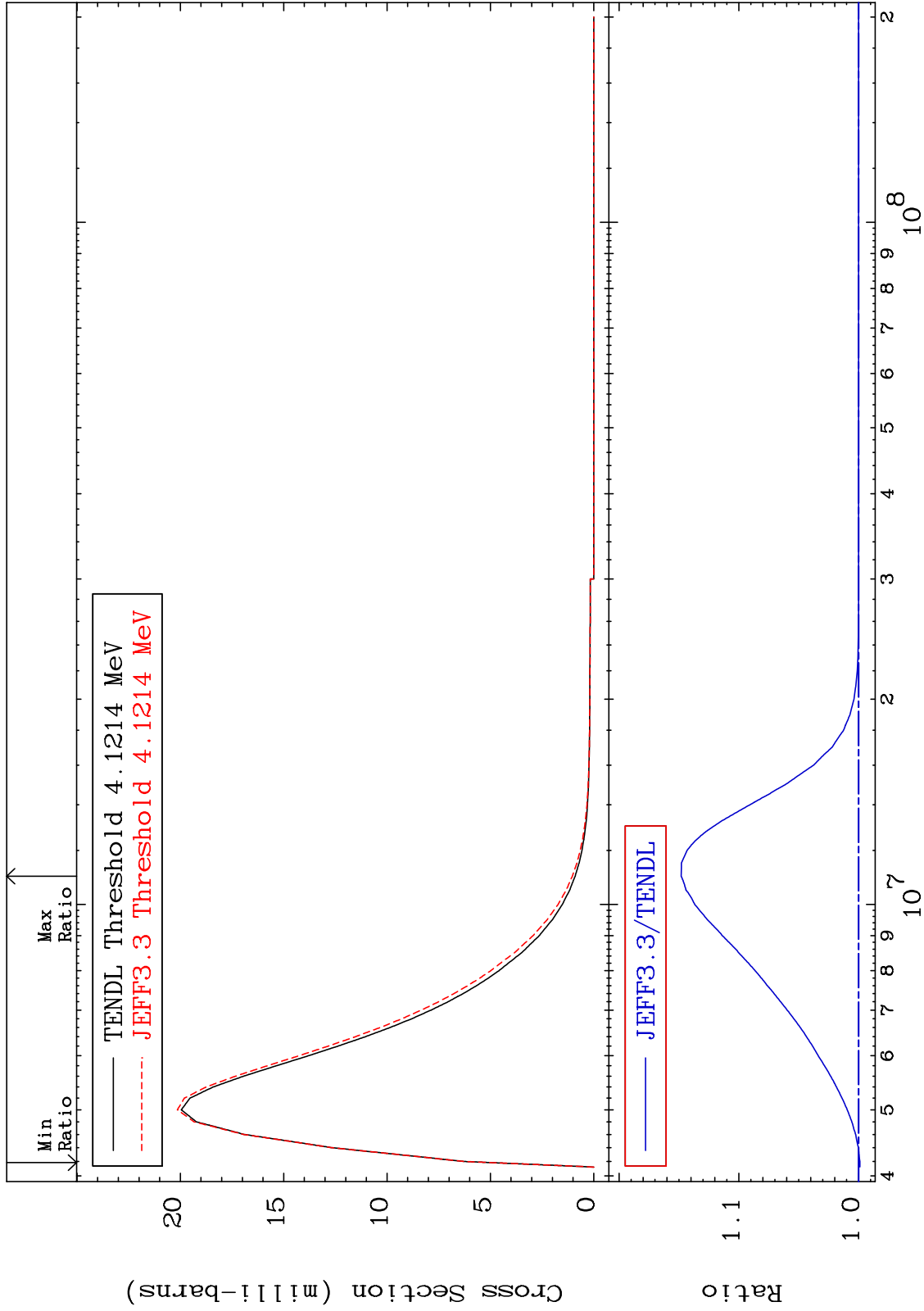
Incident Energy (eV)

28-Ni-62

MAT 2837

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

28-Ni-62  
-0.110 To 14.81 %



47

Incident Energy (eV)

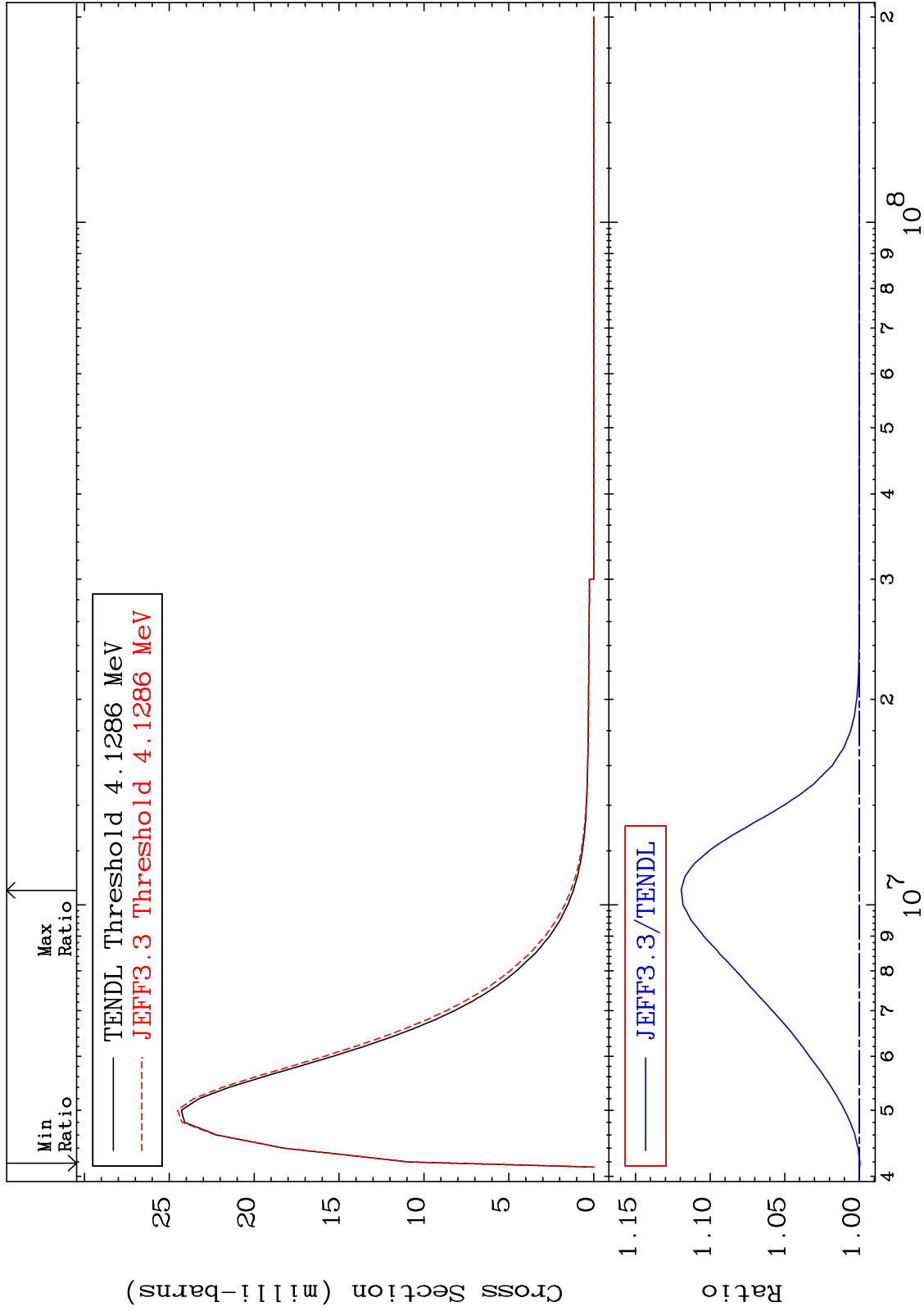
28-Ni-62



MAT 2837

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

28-Ni-62  
-0.042 To 11.94 %



48

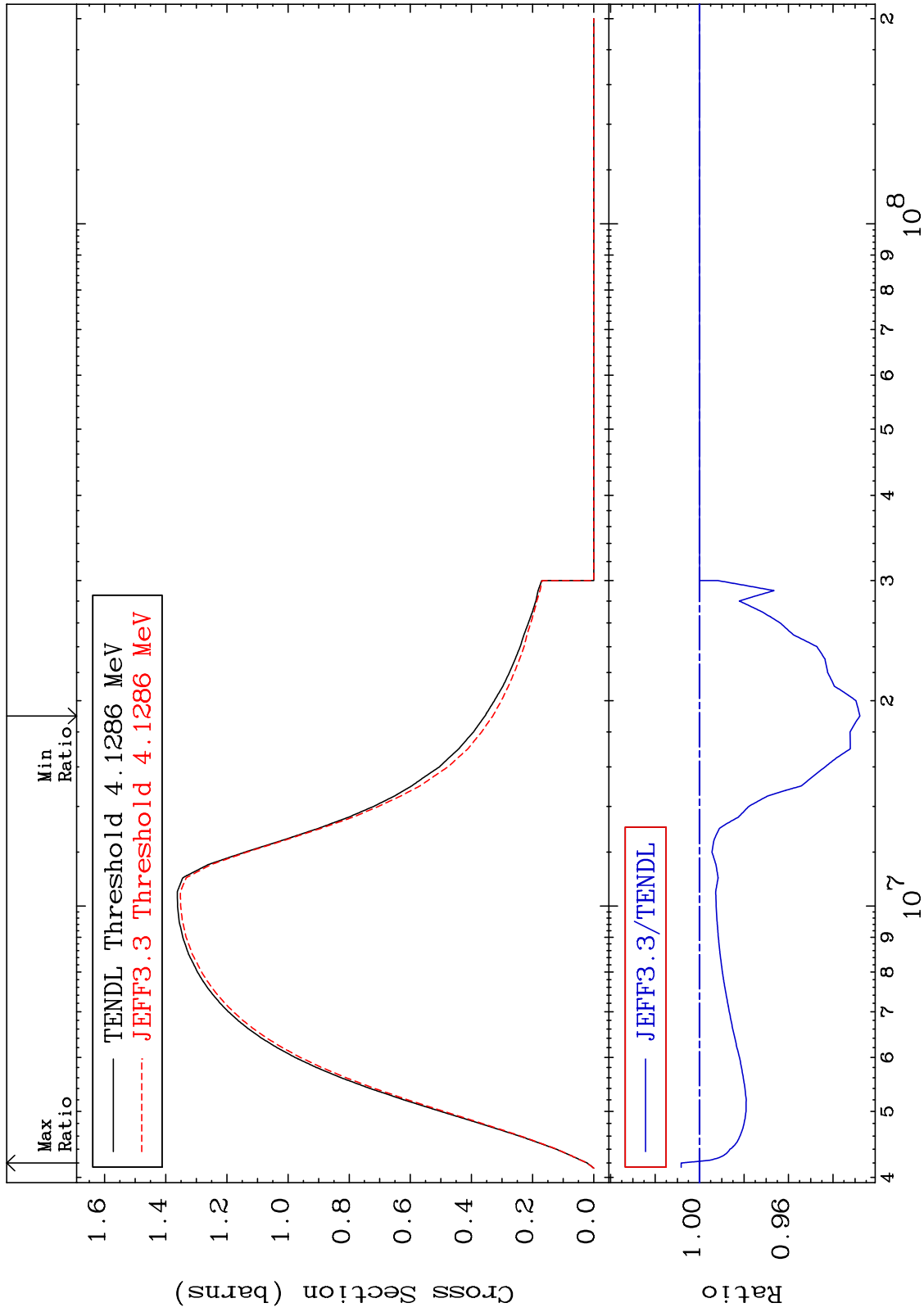
28-Ni-62

28-Ni-62

MAT 2837

(n,n') Continuum  
Cross Section

28-Ni-62  
-7.216 To 0.825 %



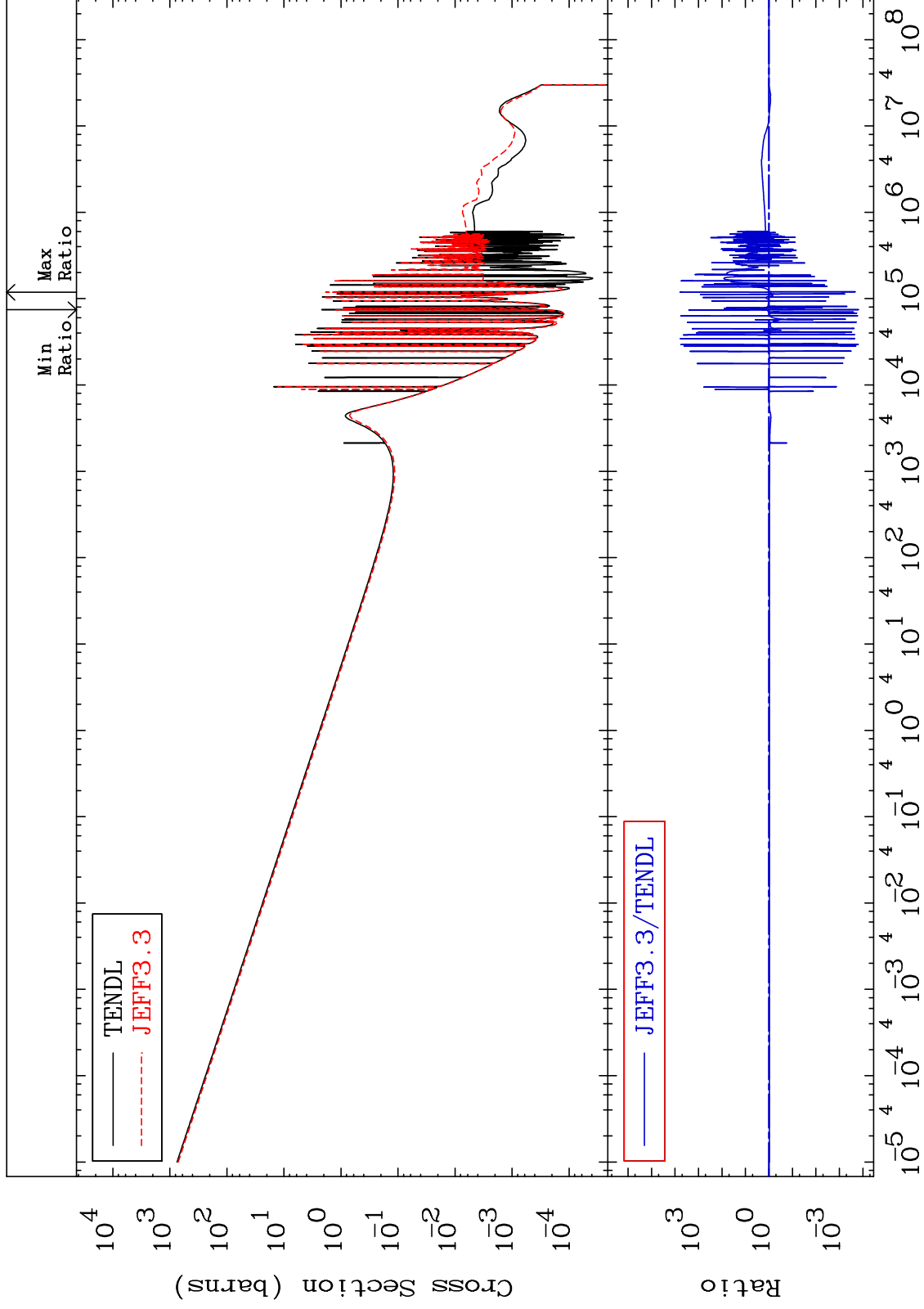
MAT 2837

(n,  $\gamma$ )

28-Ni-62

Cross Section

-99.98 To 9999. %



50

Incident Energy (eV)

28-Ni-62

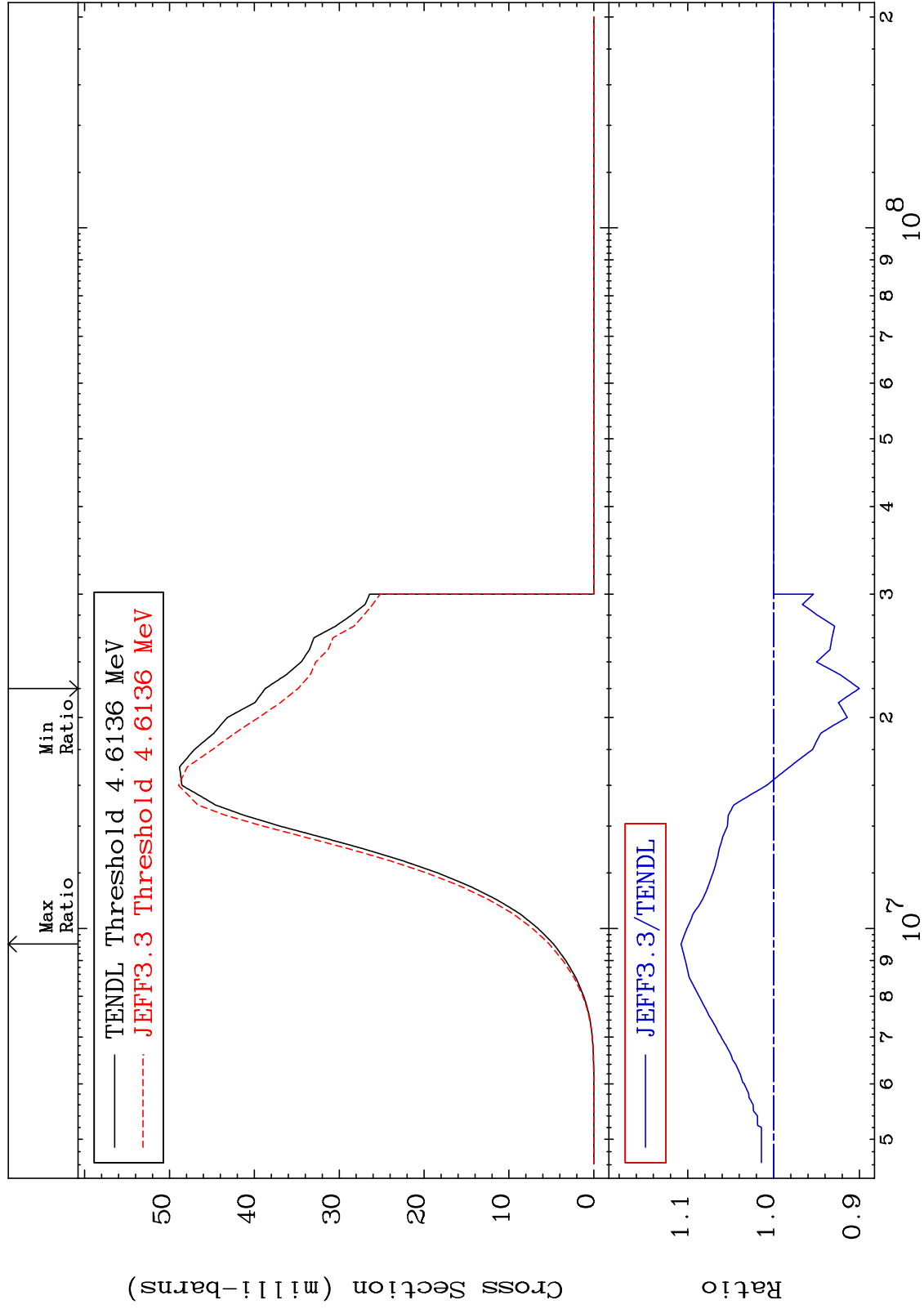
MAT 2837

(n,p)

<sup>28</sup>Ni-62

Cross Section

-9.978 To 10.78 %



51

Incident Energy (eV)

<sup>28</sup>Ni-62

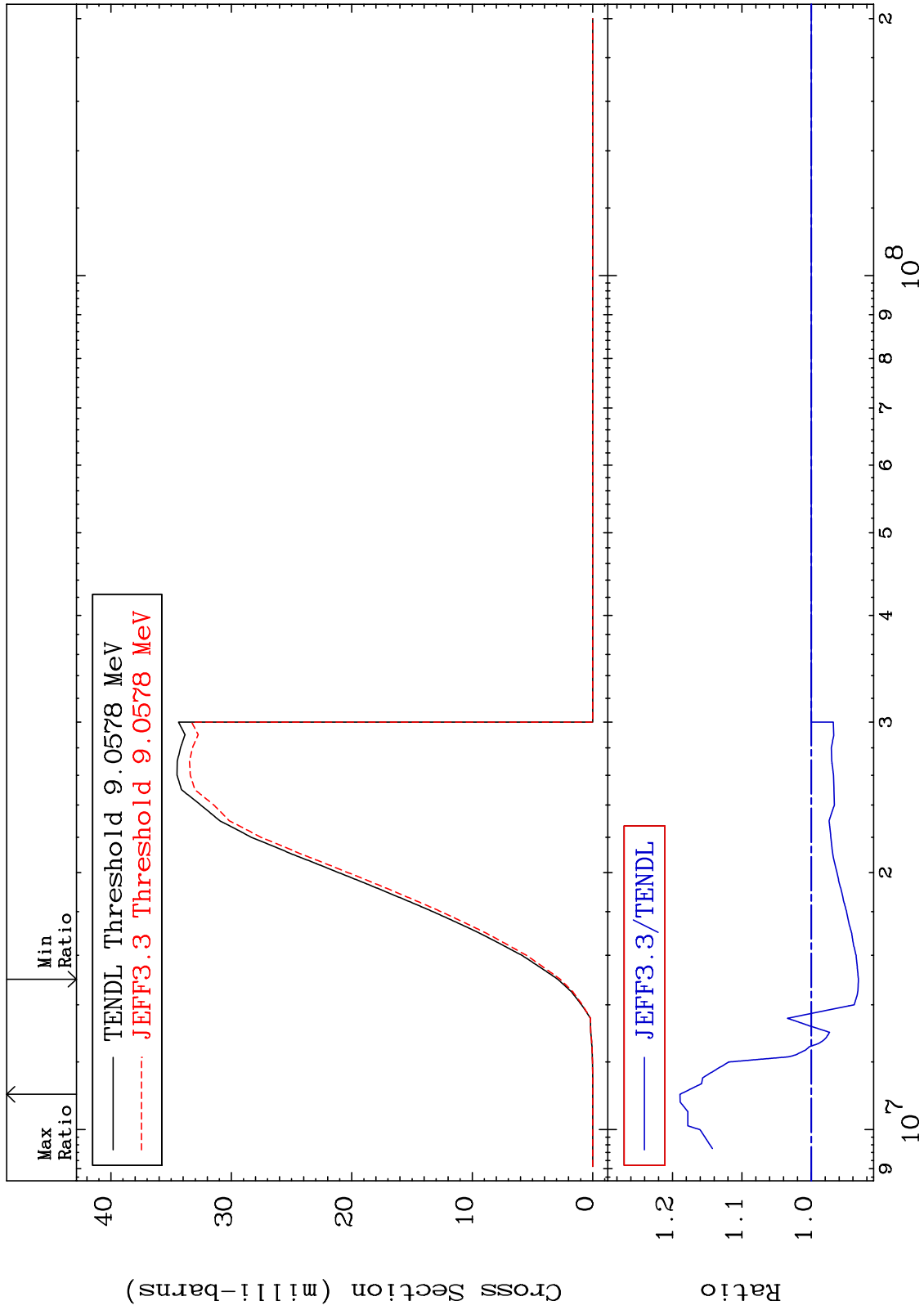
MAT 2837

(n, d)

28-Ni-62

Cross Section

-6.783 To 18.91 %



52

Incident Energy (eV)

28-Ni-62

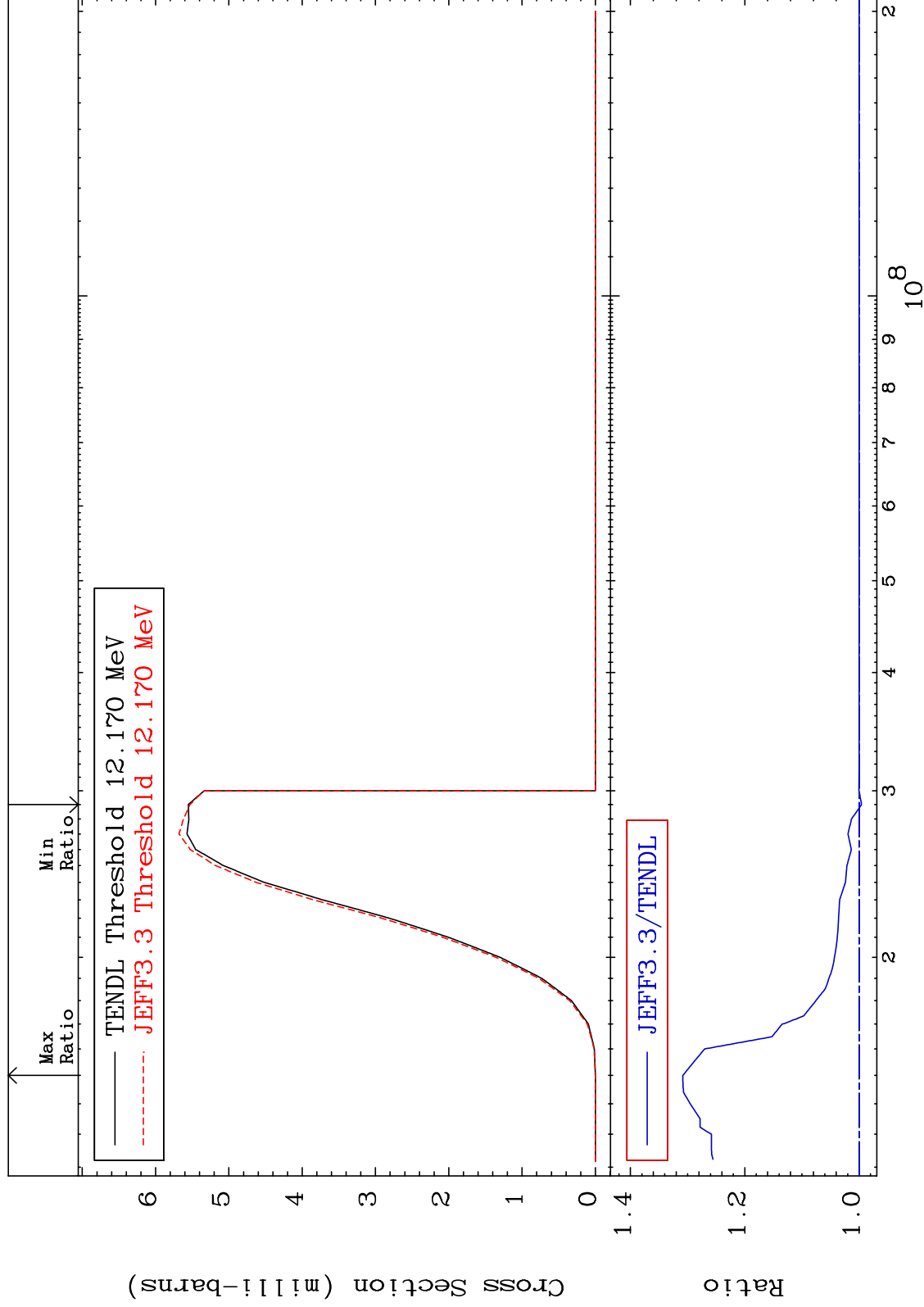
MAT 2837

(n, t)

28-Ni-62

Cross Section

-0.427 To 30.83 %



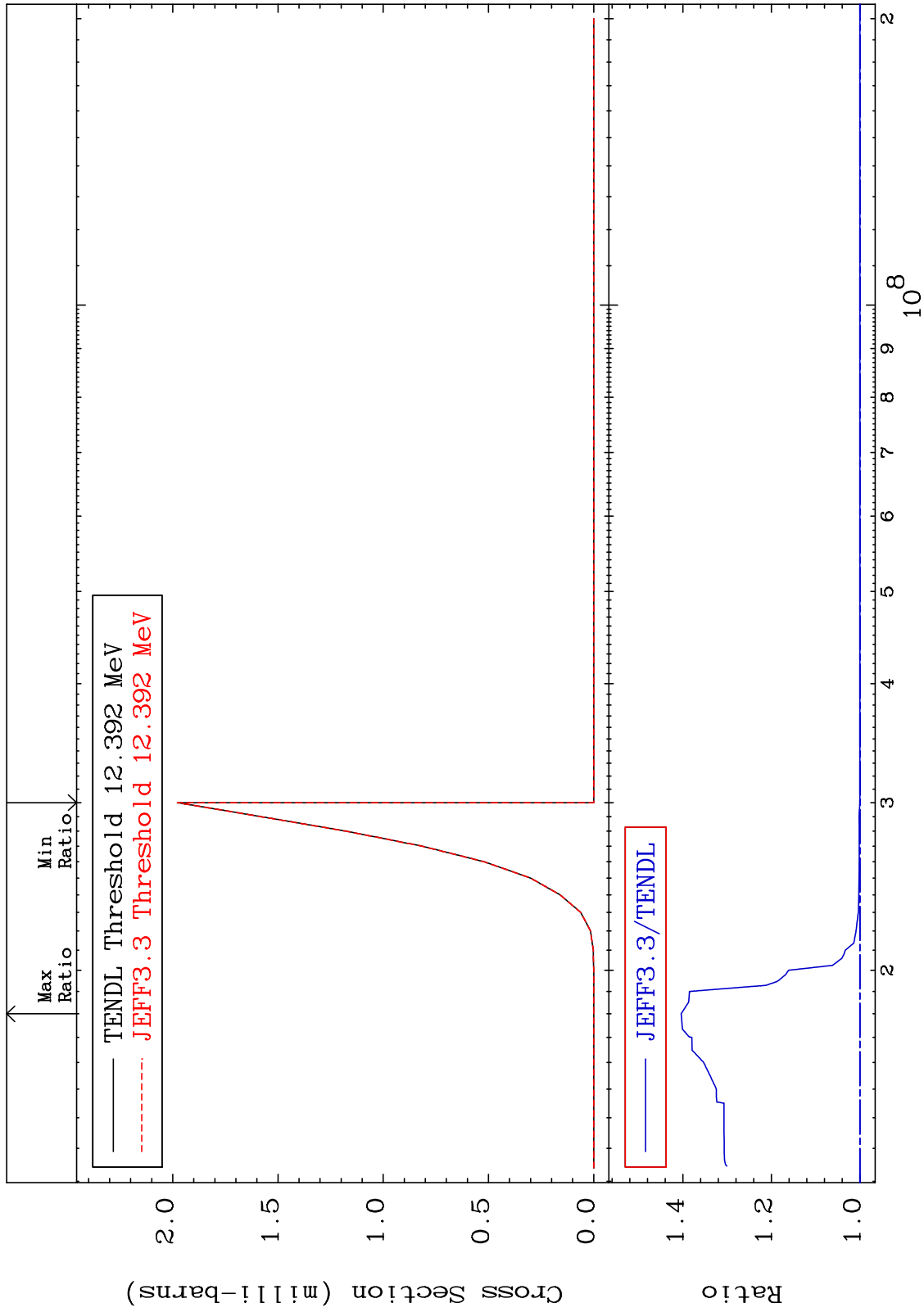
MAT 2837

(n, He-3)

28-Ni-62

Cross Section

0.000 To 40.39 %



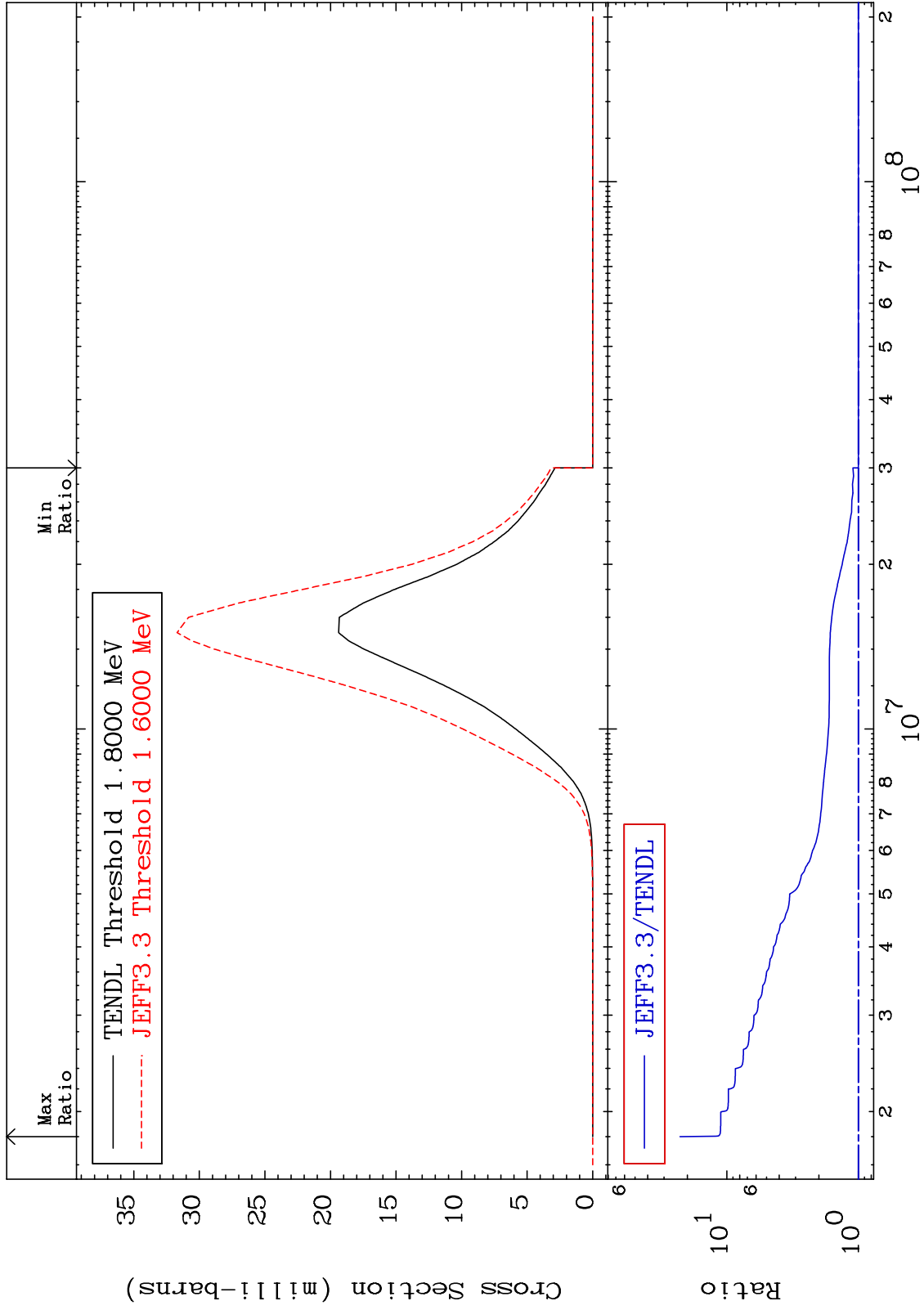
MAT 2837

(n,  $\alpha$ )

28-Ni-62

0.000 To 2171. %

Cross Section



55

Incident Energy (eV)

28-Ni-62



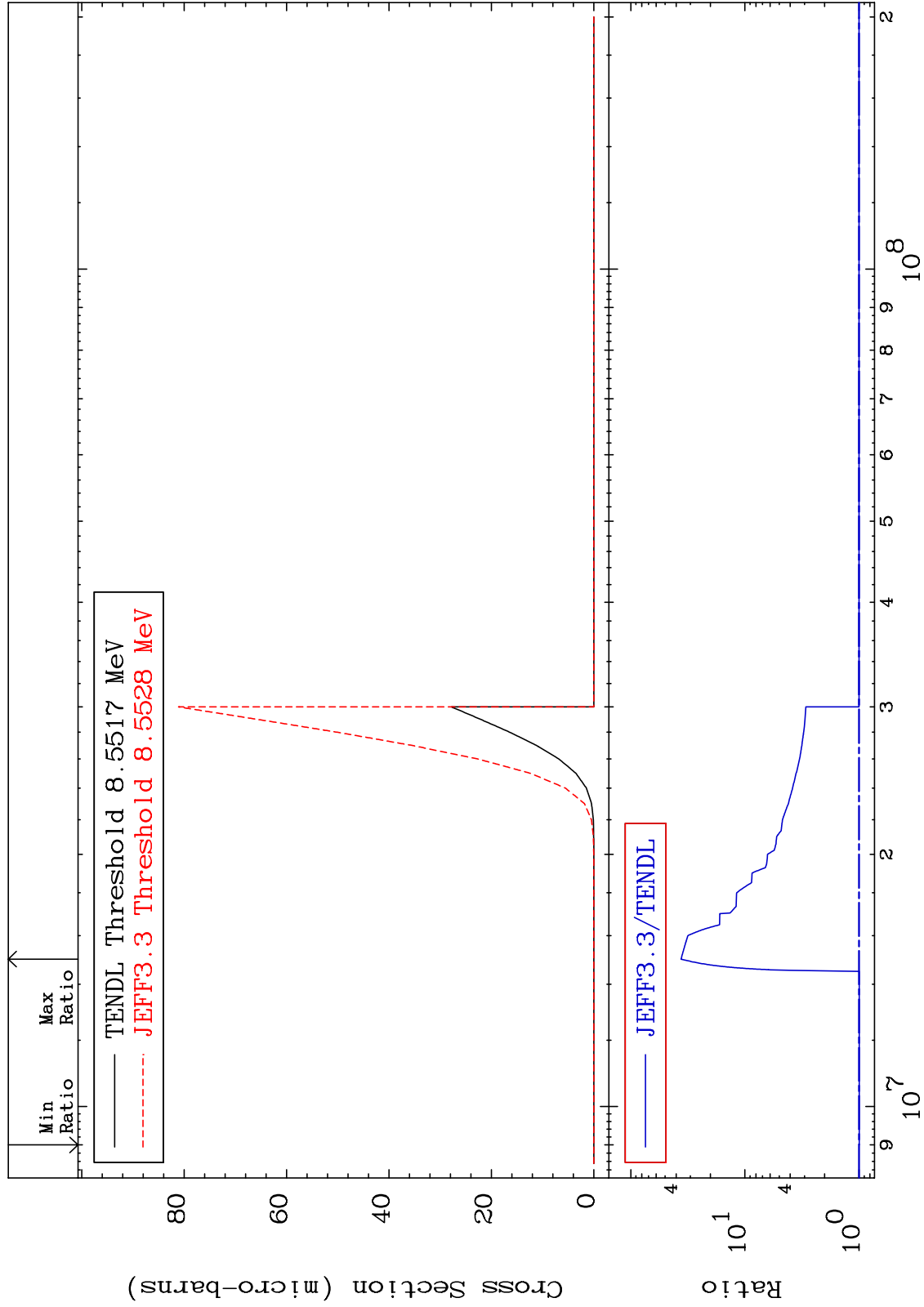
MAT 2837

(n,2α)

28-Ni-62

Cross Section

-0.699 To 3524. %



56

Incident Energy (eV)

28-Ni-62

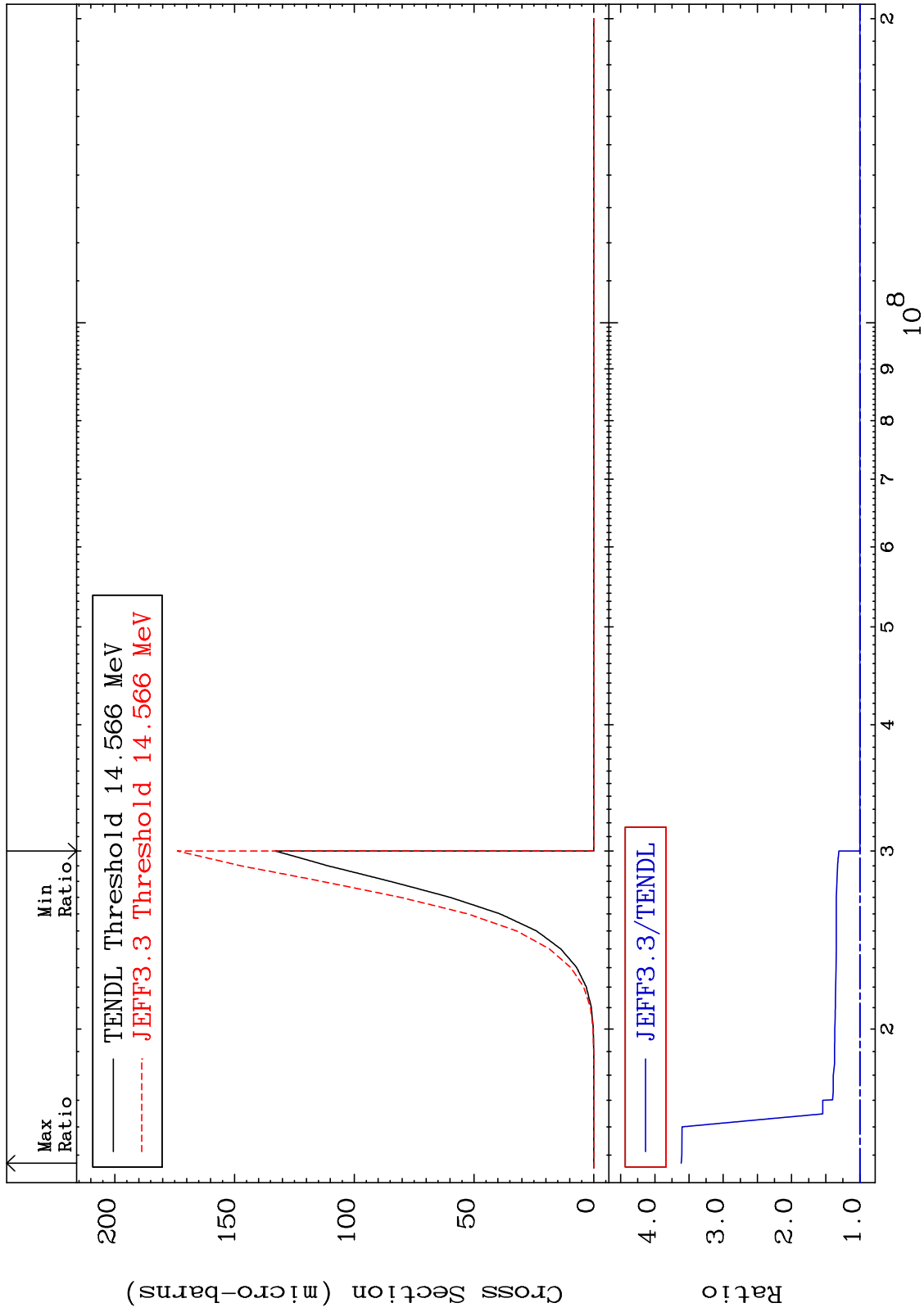
MAT 2837

(n,2p)

28-Ni-62

Cross Section

0.000 To 261.4 %



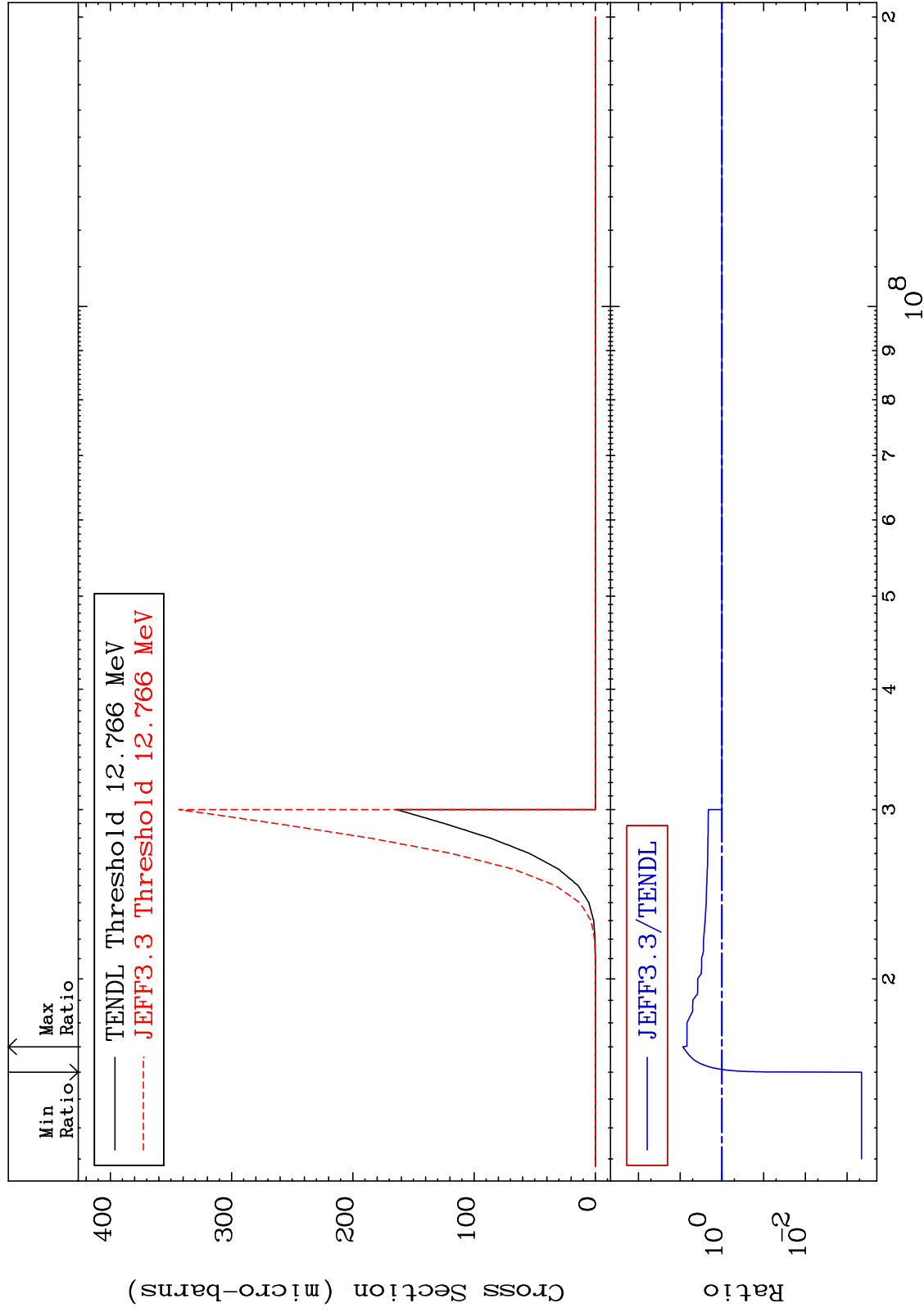
MAT 2837

(n,p)  $\alpha$

28-Ni-62

Cross Section

-99.96 To 757.9 %



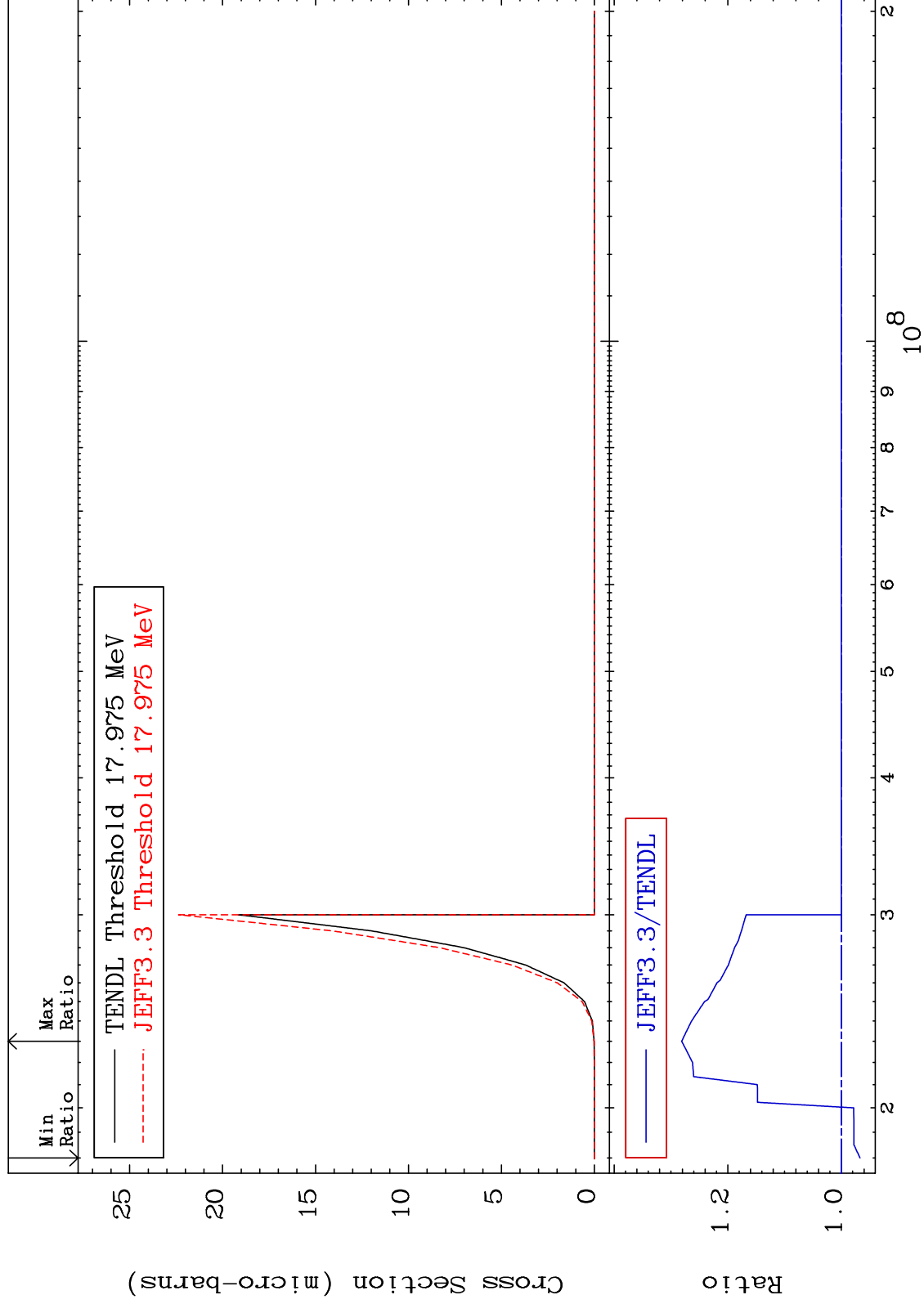
MAT 2837

(n,p) d

28-Ni-62

Cross Section

-3.296 To 28.12 %



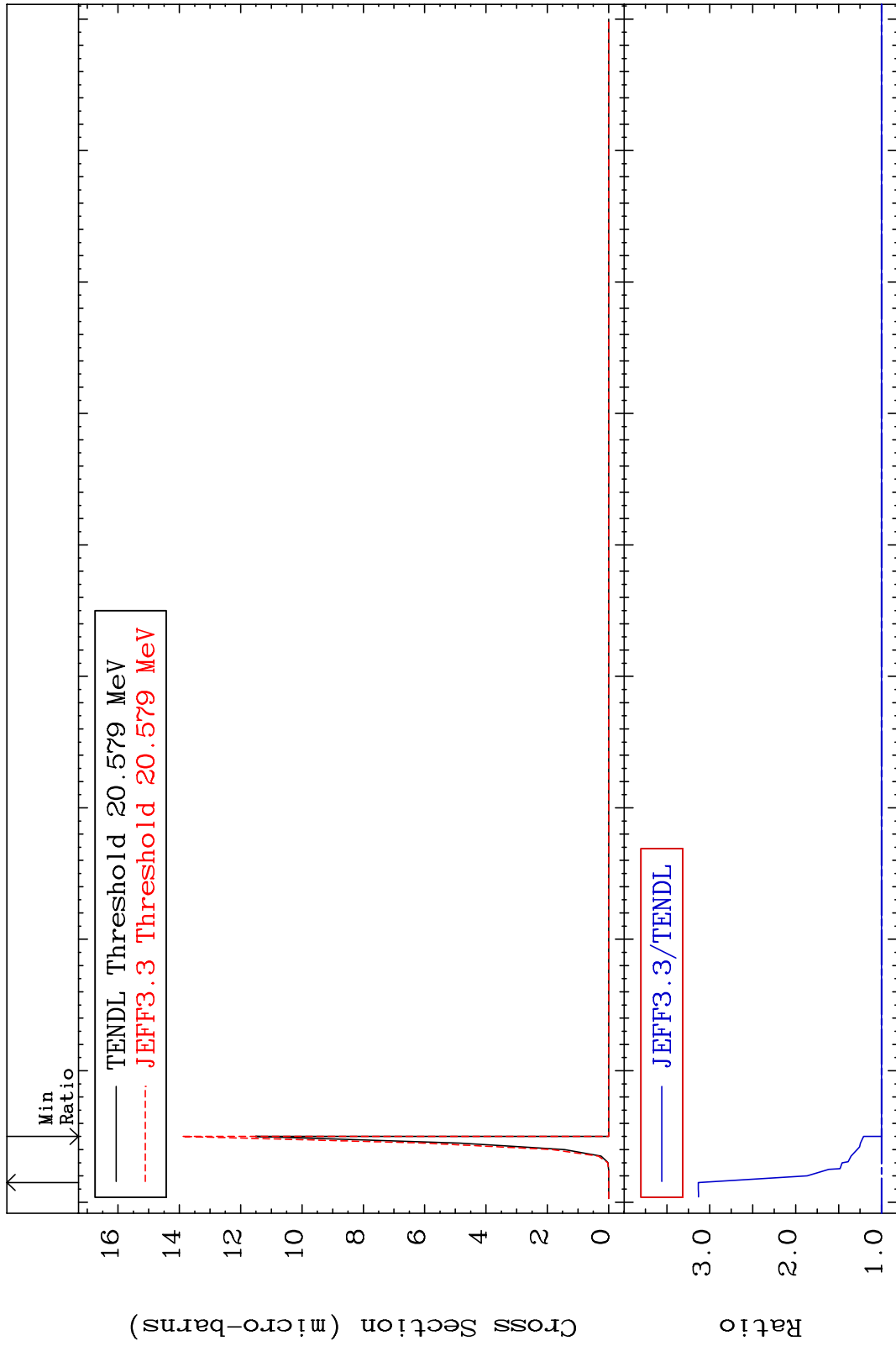
MAT 2837

(n,p) t

28-Ni-62

Cross Section

0.000 To 213.3 %



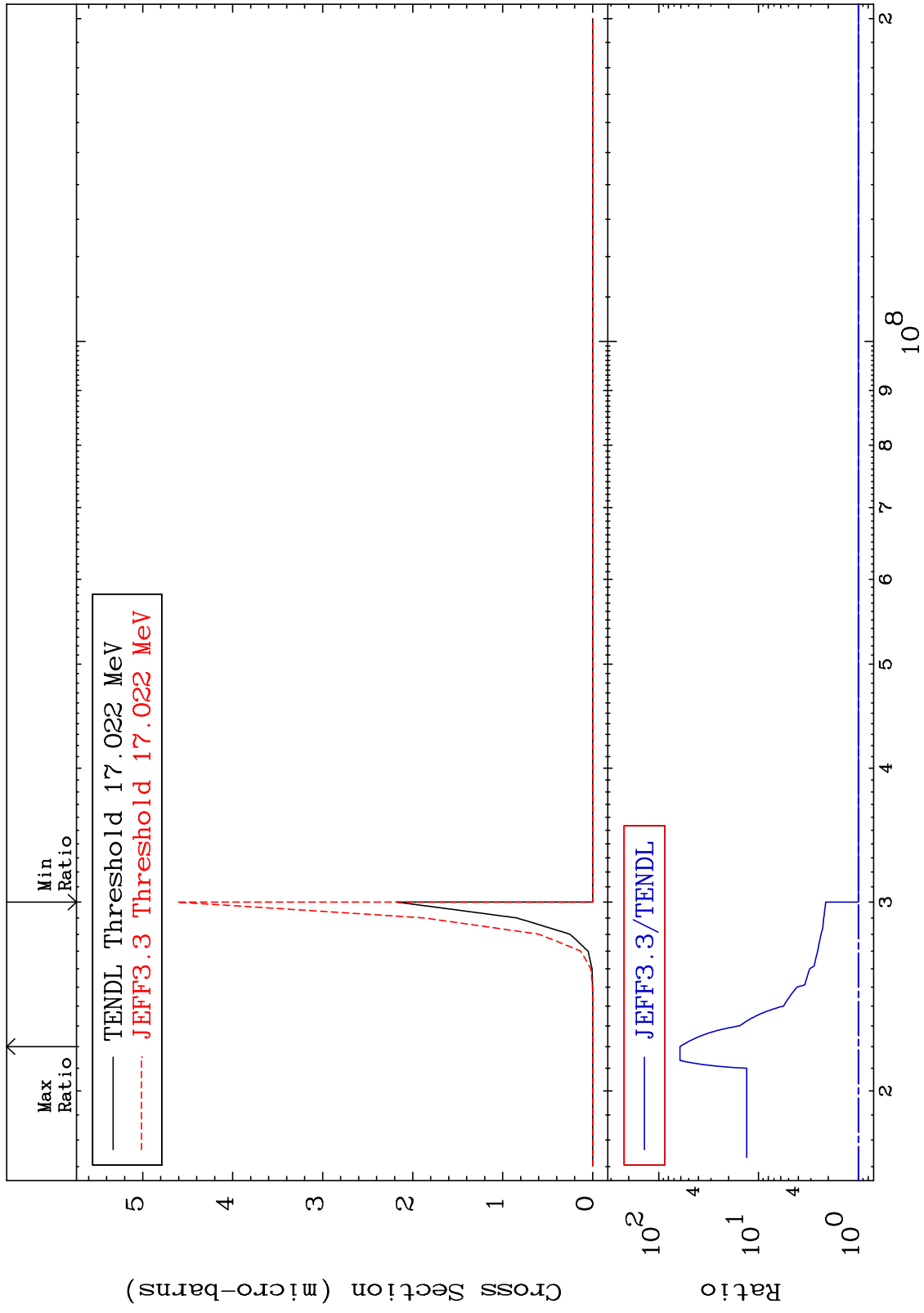
Incident Energy (MeV)

28-Ni-62

Incident Energy (MeV)

60

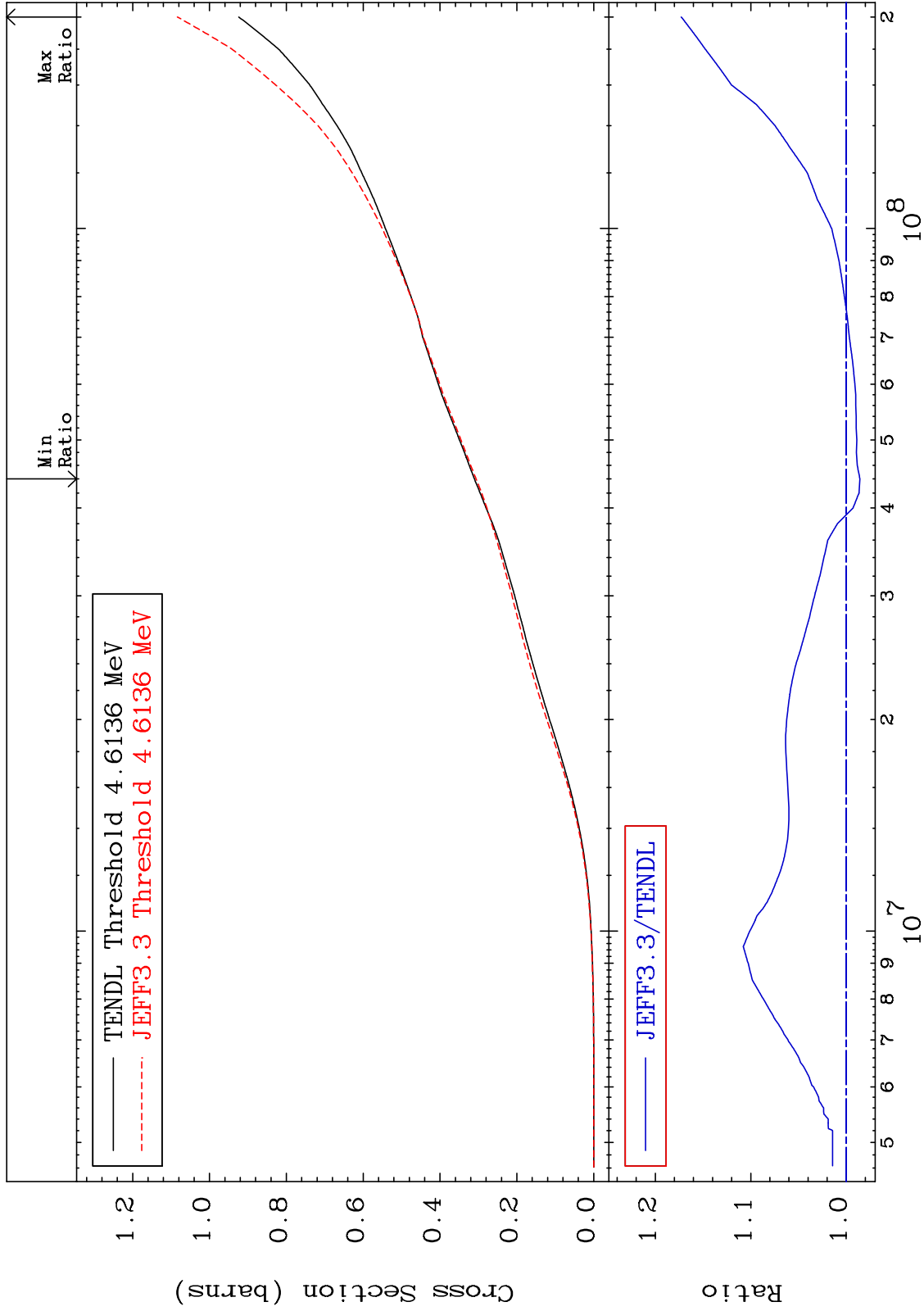
MAT 2837 (n,d)  $\alpha$  Cross Section 28-Ni-62 To 6016. %



MAT 2837

Hydrogen Production  
Cross Section

28-Ni-62  
-1.437 To 17.28 %



62

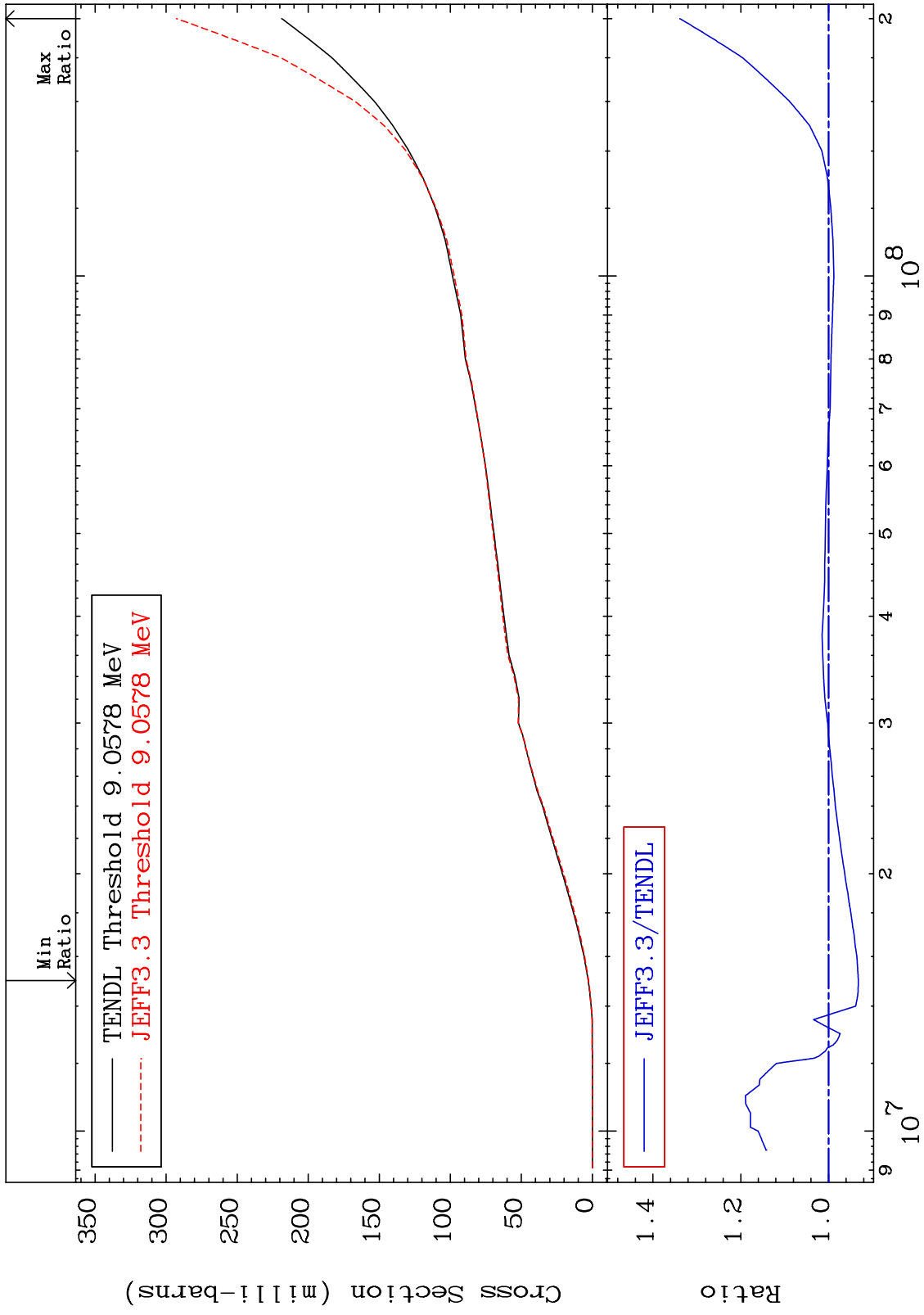
Incident Energy (eV)

28-Ni-62

MAT 2837

Deuterium Production  
Cross Section

28-Ni-62  
-6.783 To 33.88 %



63

Incident Energy (eV)

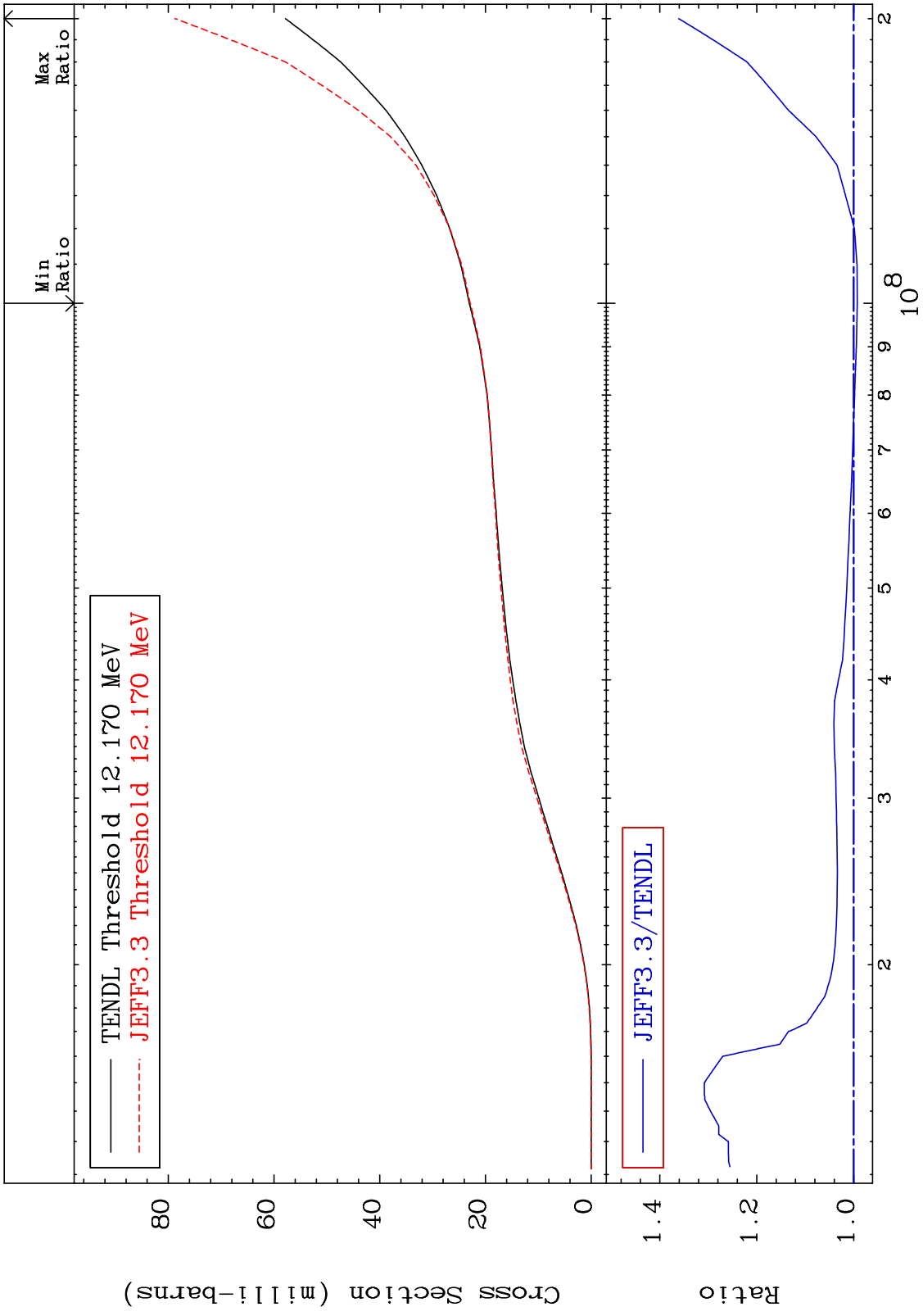
28-Ni-62



MAT 2837

Tritium Production  
Cross Section

28-Ni-62  
-0.748 To 36.11 %



64

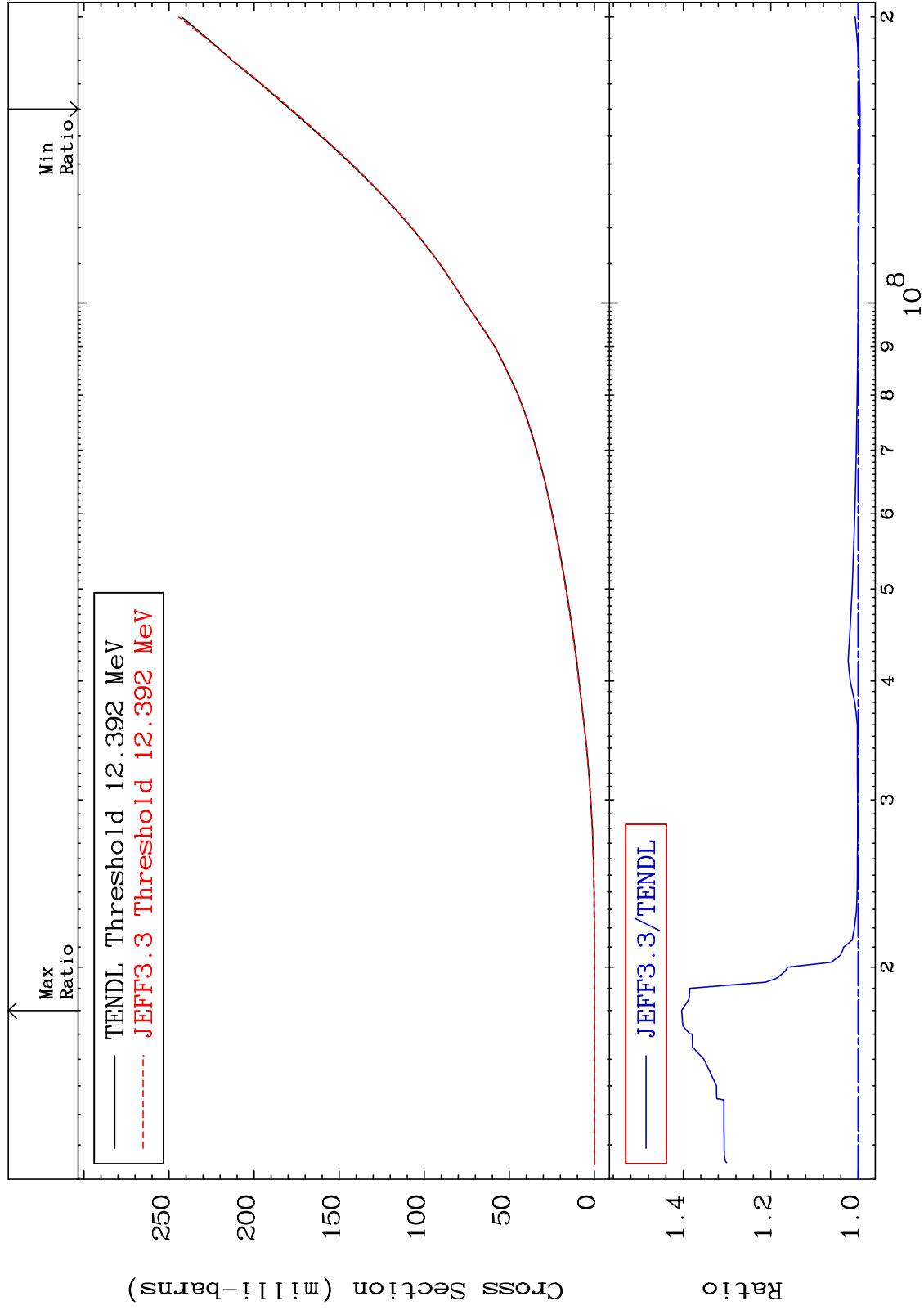
Incident Energy (eV)

28-Ni-62

MAT 2837

He-3 Production  
Cross Section

28-Ni-62  
-0.406 To 40.39 %



65

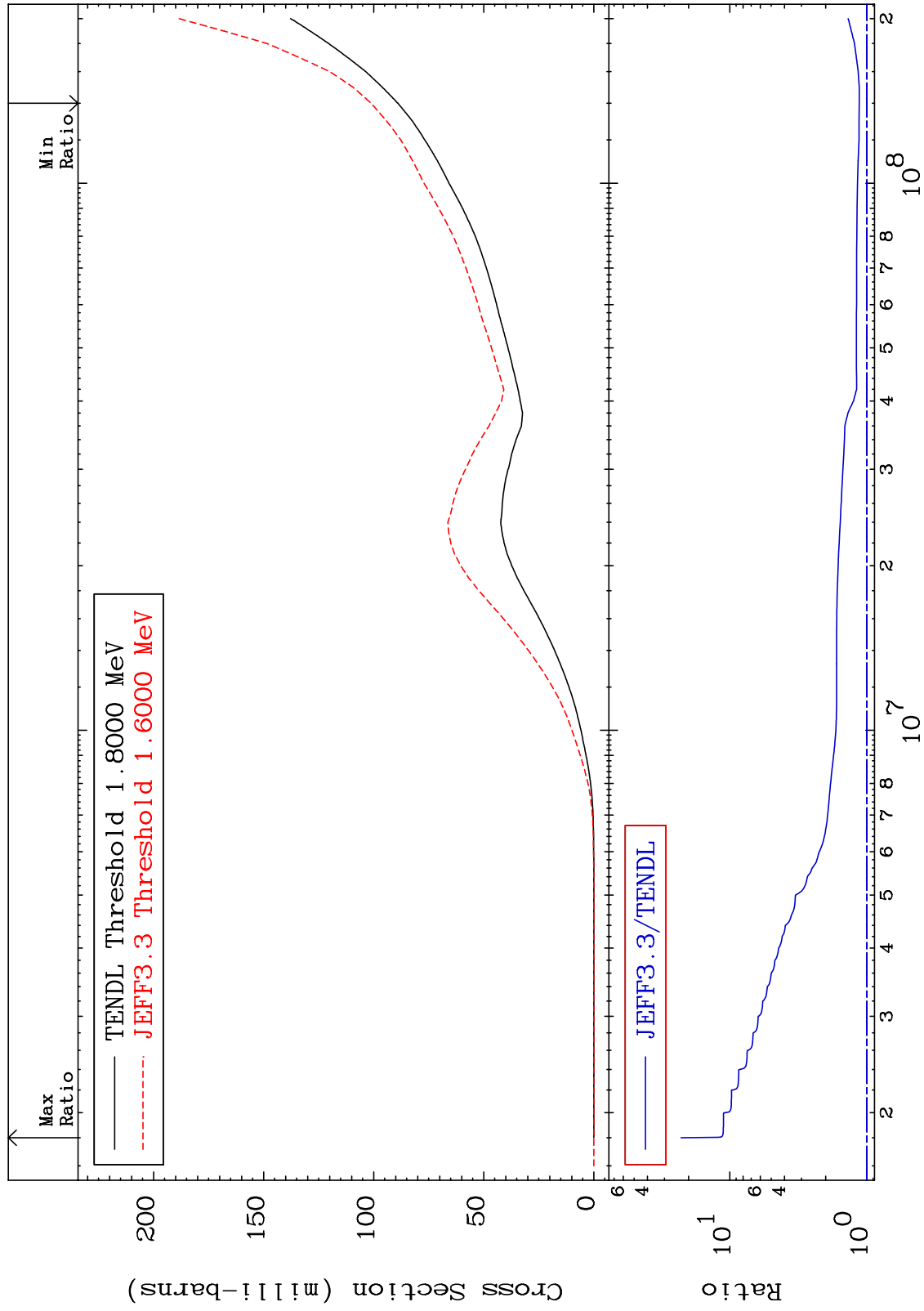
Incident Energy (eV)

28-Ni-62

MAT 2837

He-4 Production  
Cross Section

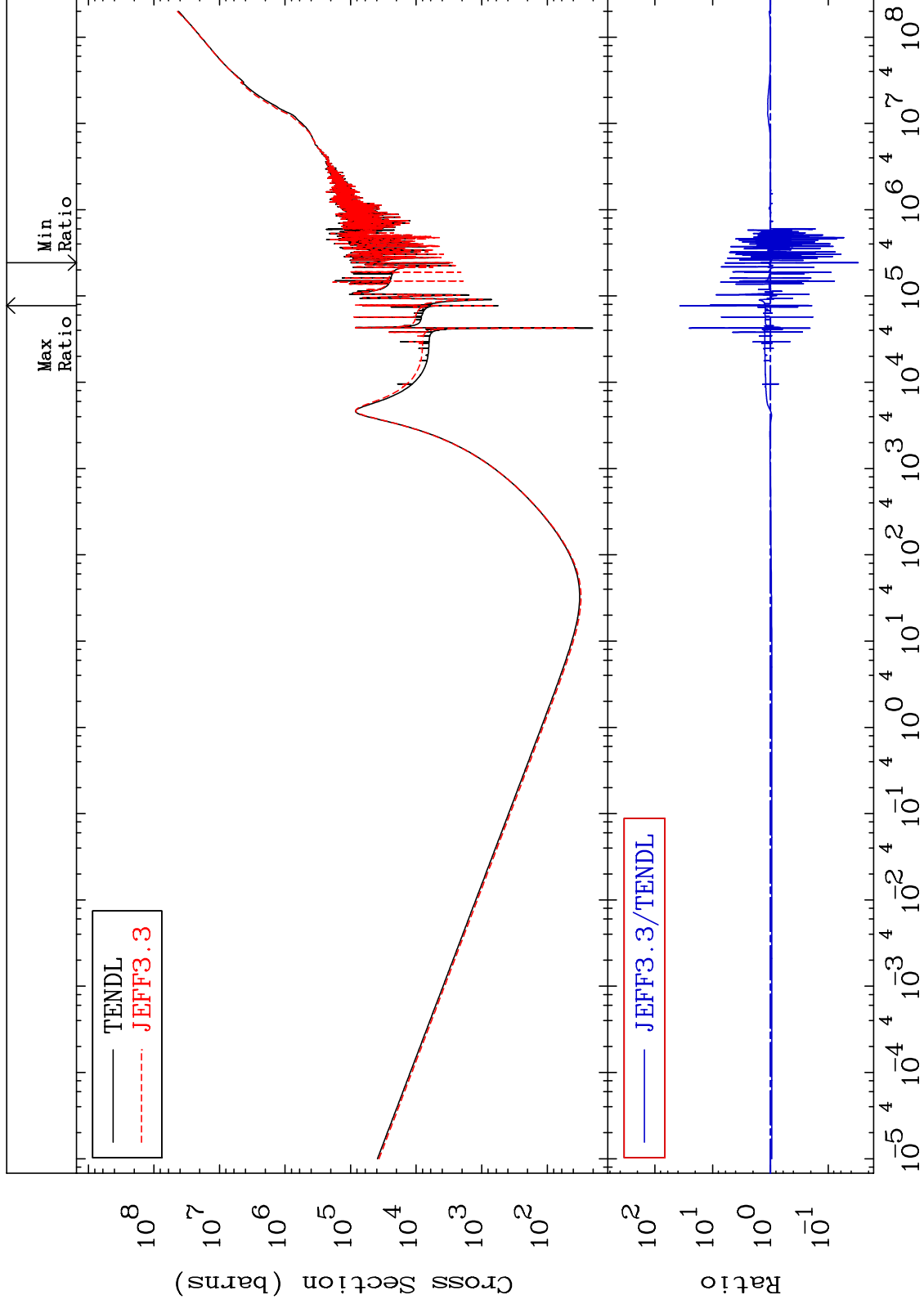
28-Ni-62  
13.68 To 2171. %



MAT 2837

Kerma total (eV-barns)  
Cross Section

28-Ni-62  
-97.01 To 3575. %



67

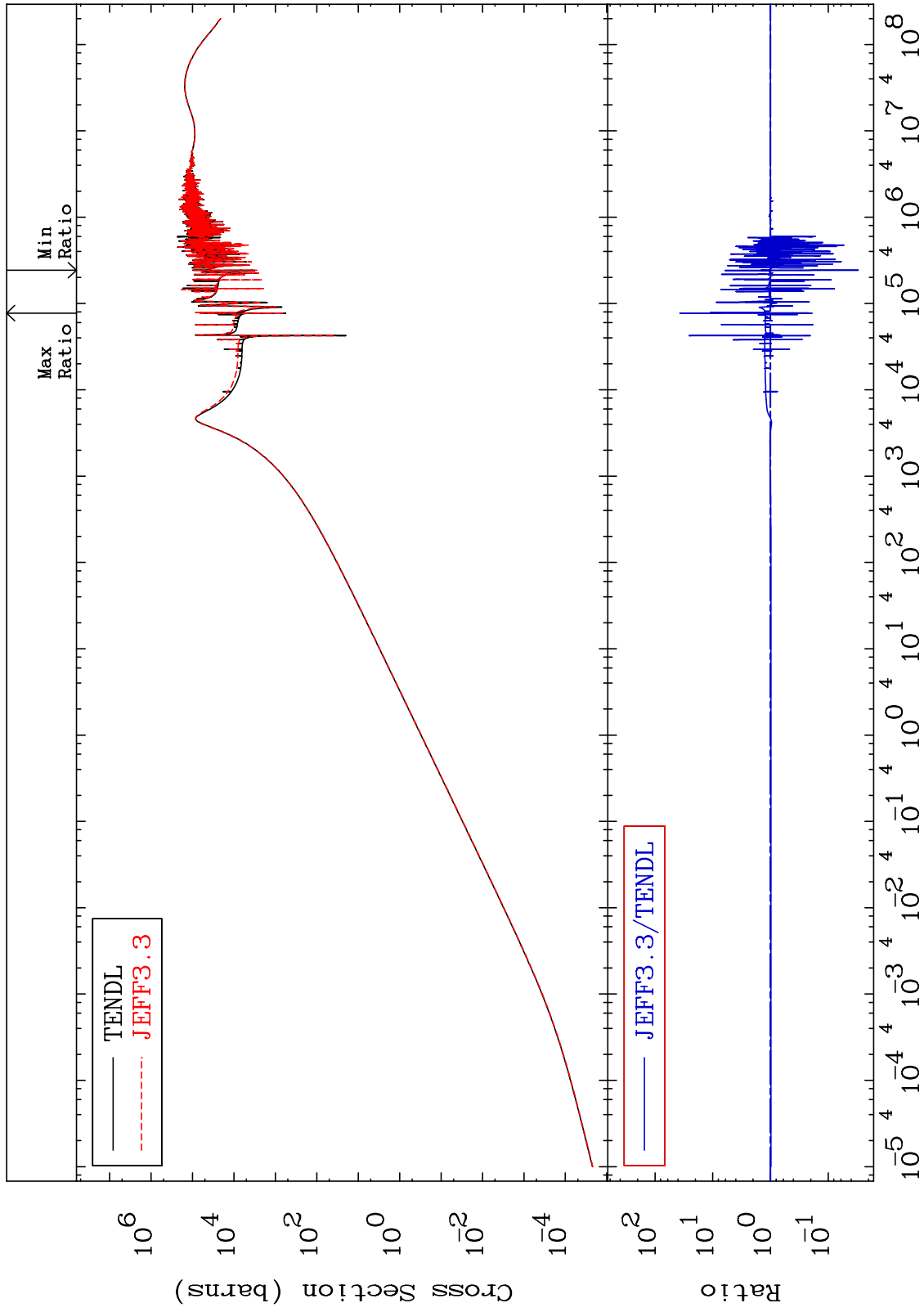
Incident Energy (eV)

28-Ni-62

MAT 2837

Kerma elastic  
Cross Section

28-Ni-62  
-97.01 To 3589. %



68

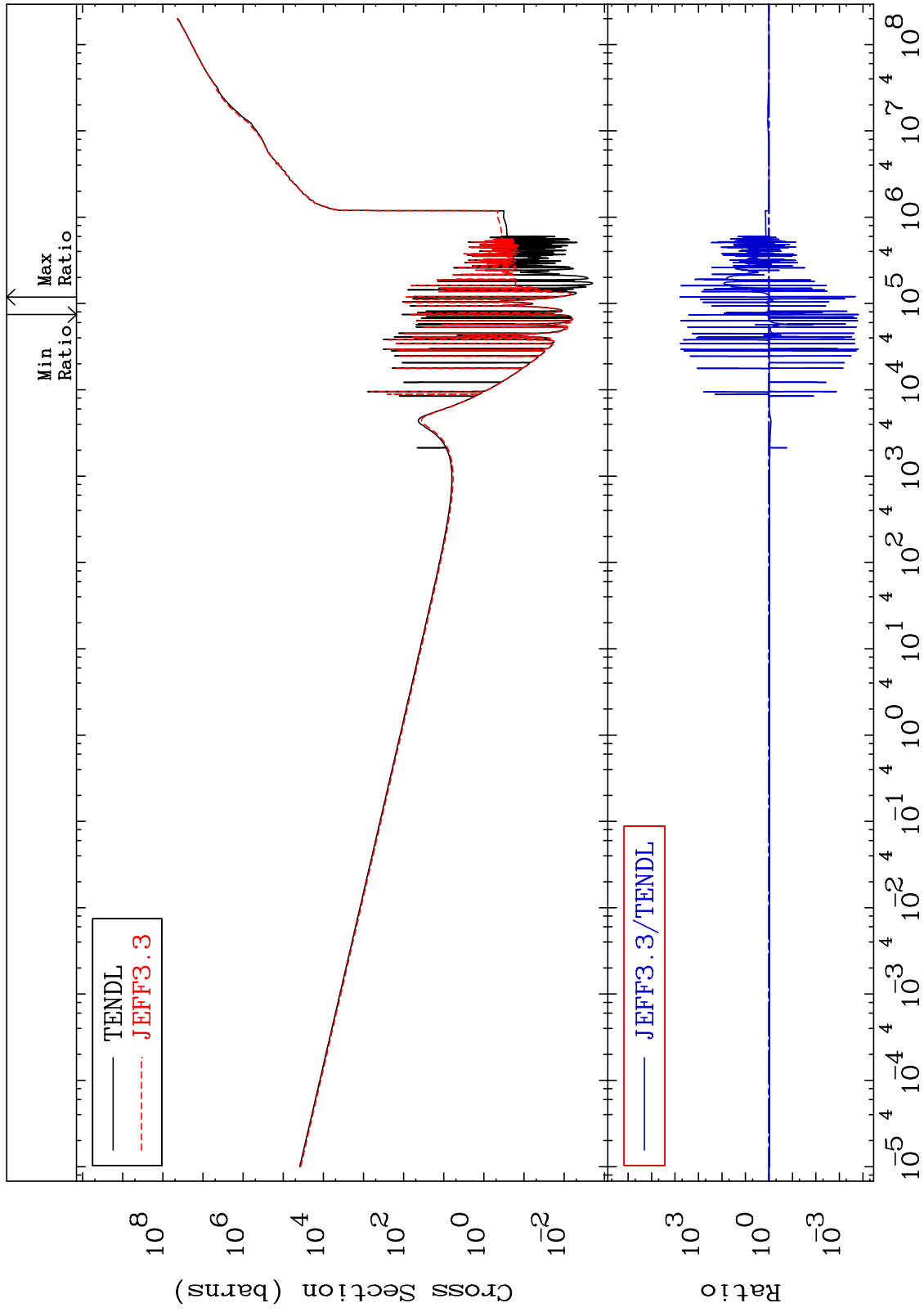
Incident Energy (eV)

28-Ni-62

MAT 2837

Kerma non-elastic (all but mt2)  
Cross Section

28-Ni-62  
-99.98 To 9999. %



69

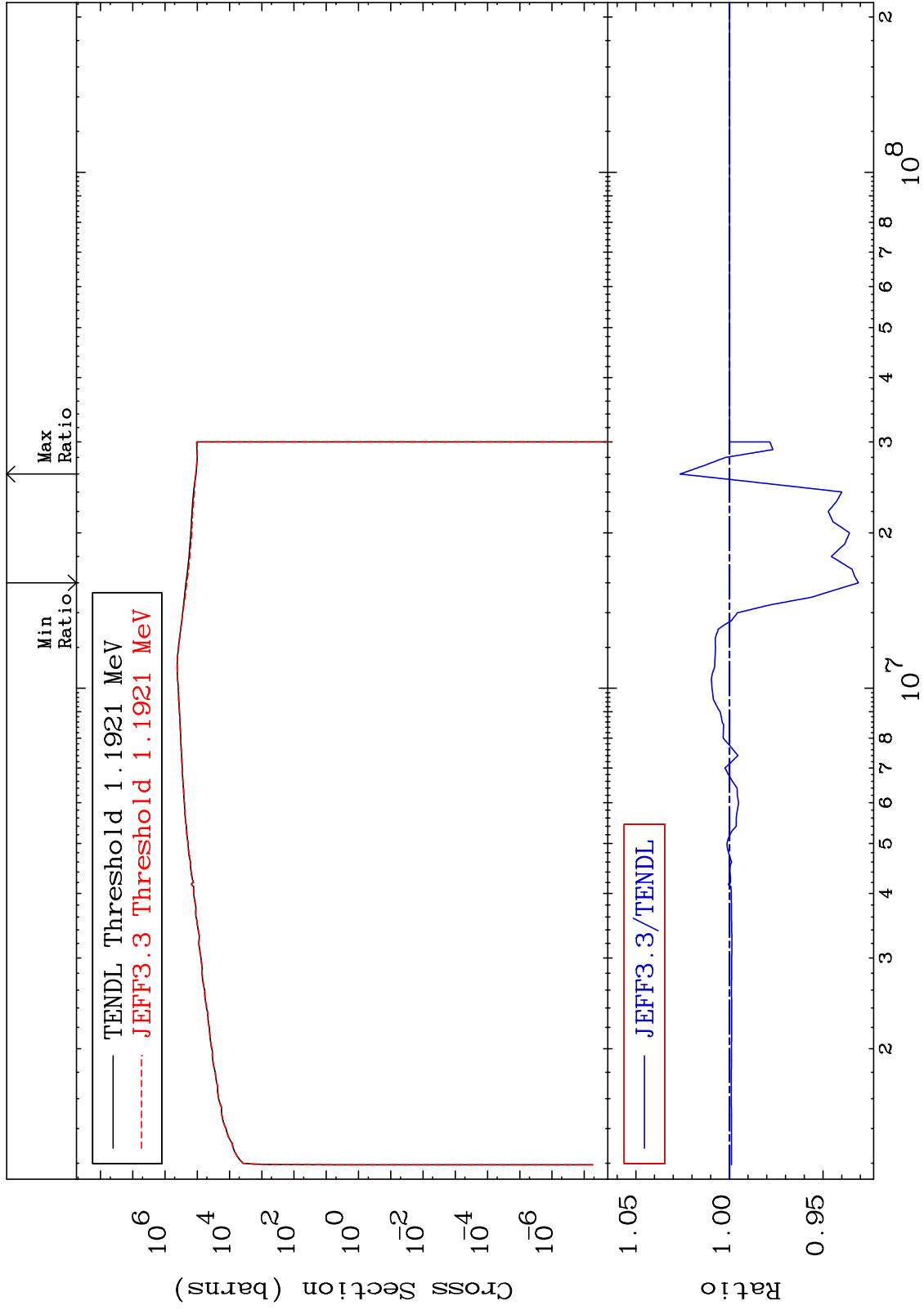
Incident Energy (eV)

28-Ni-62

MAT 2837

Kerma inelastic (mt51-91)  
Cross Section

28-Ni-62  
-6.892 To 2.637 %



70

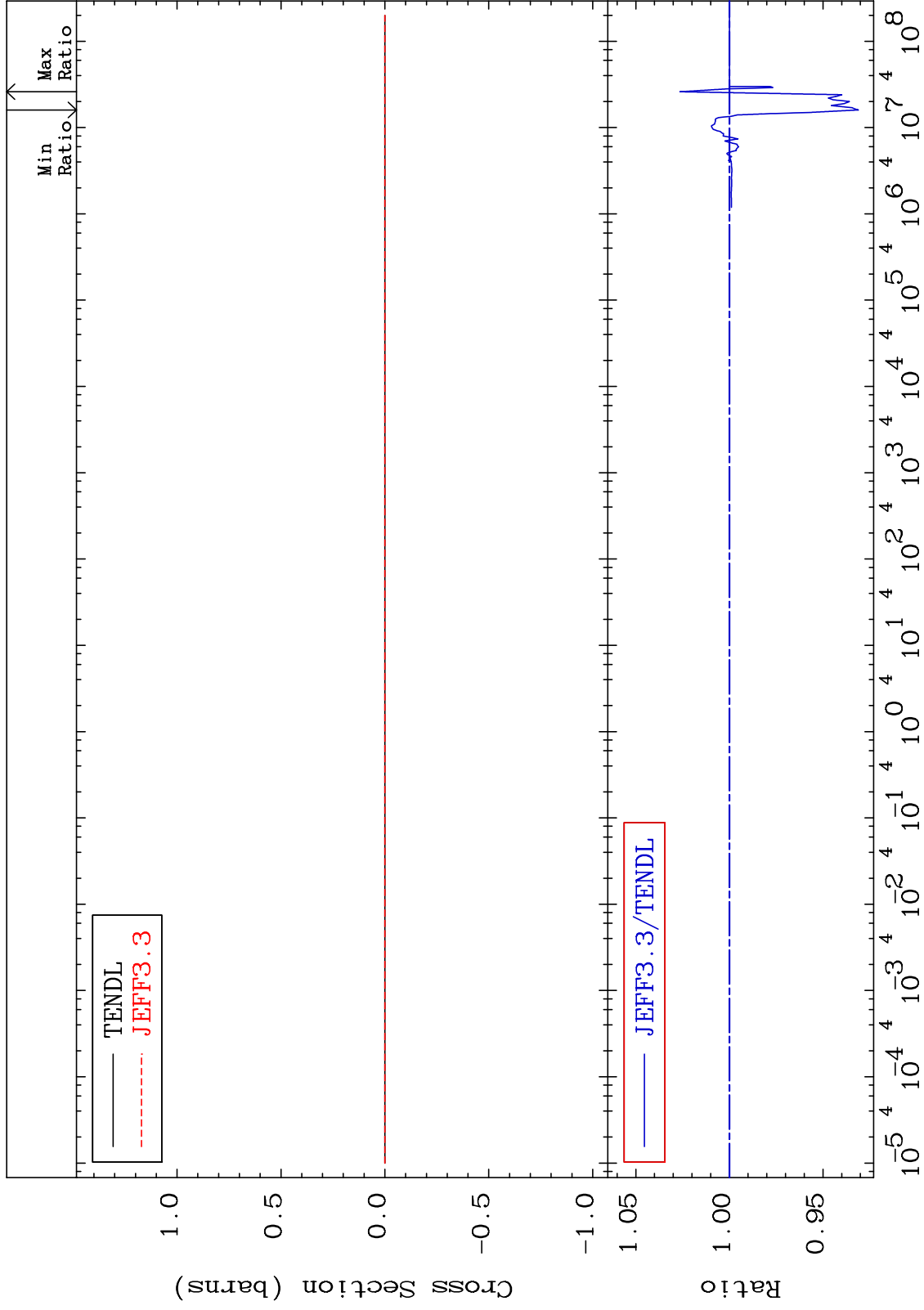
Incident Energy (eV)

28-Ni-62

MAT 2837

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

28-Ni-62  
-6.892 To 2.637 %



71

Incident Energy (eV)

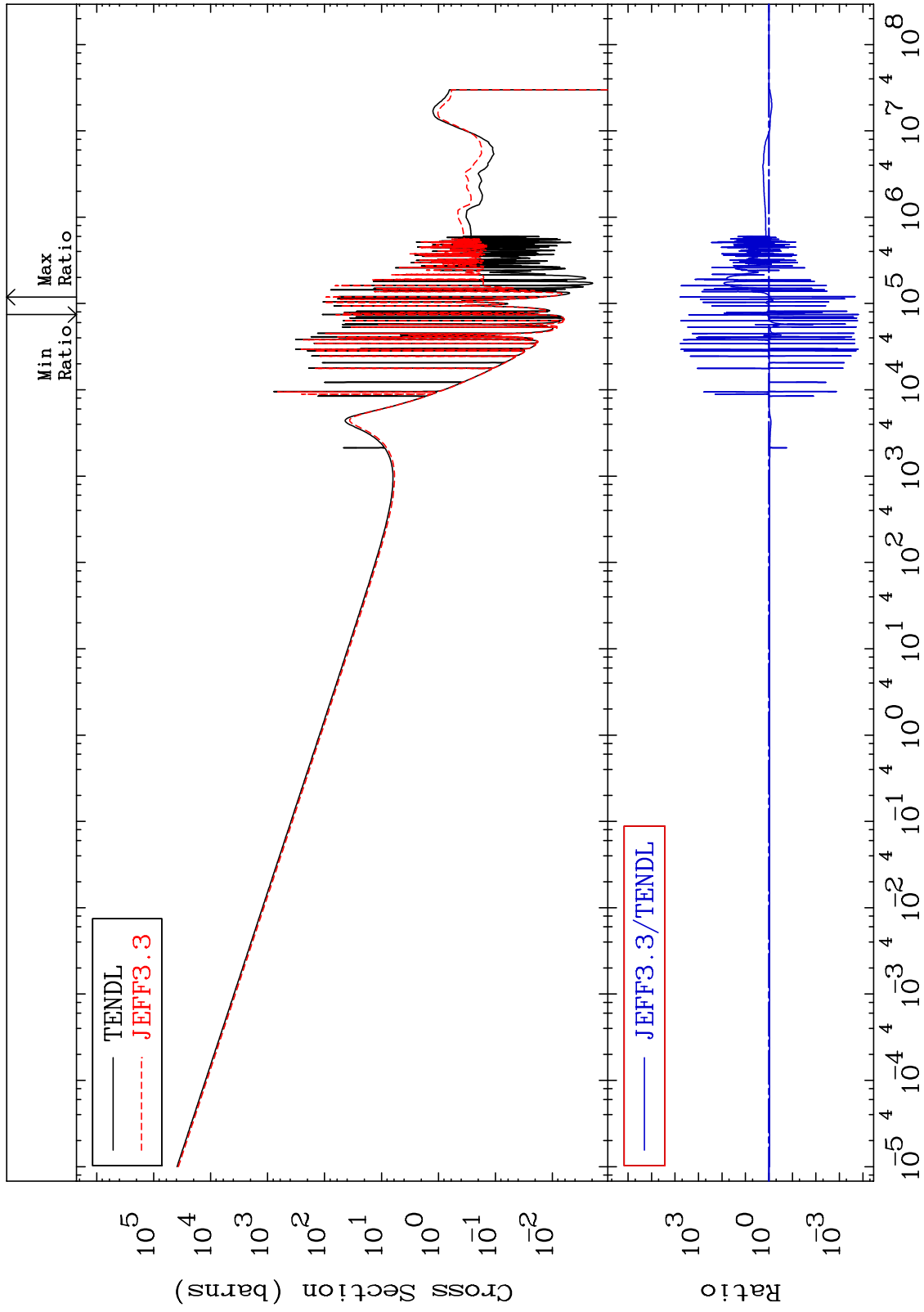
28-Ni-62



MAT 2837

Kerma capture (mt102)  
Cross Section

28-Ni-62  
-99.98 To 9999. %



72

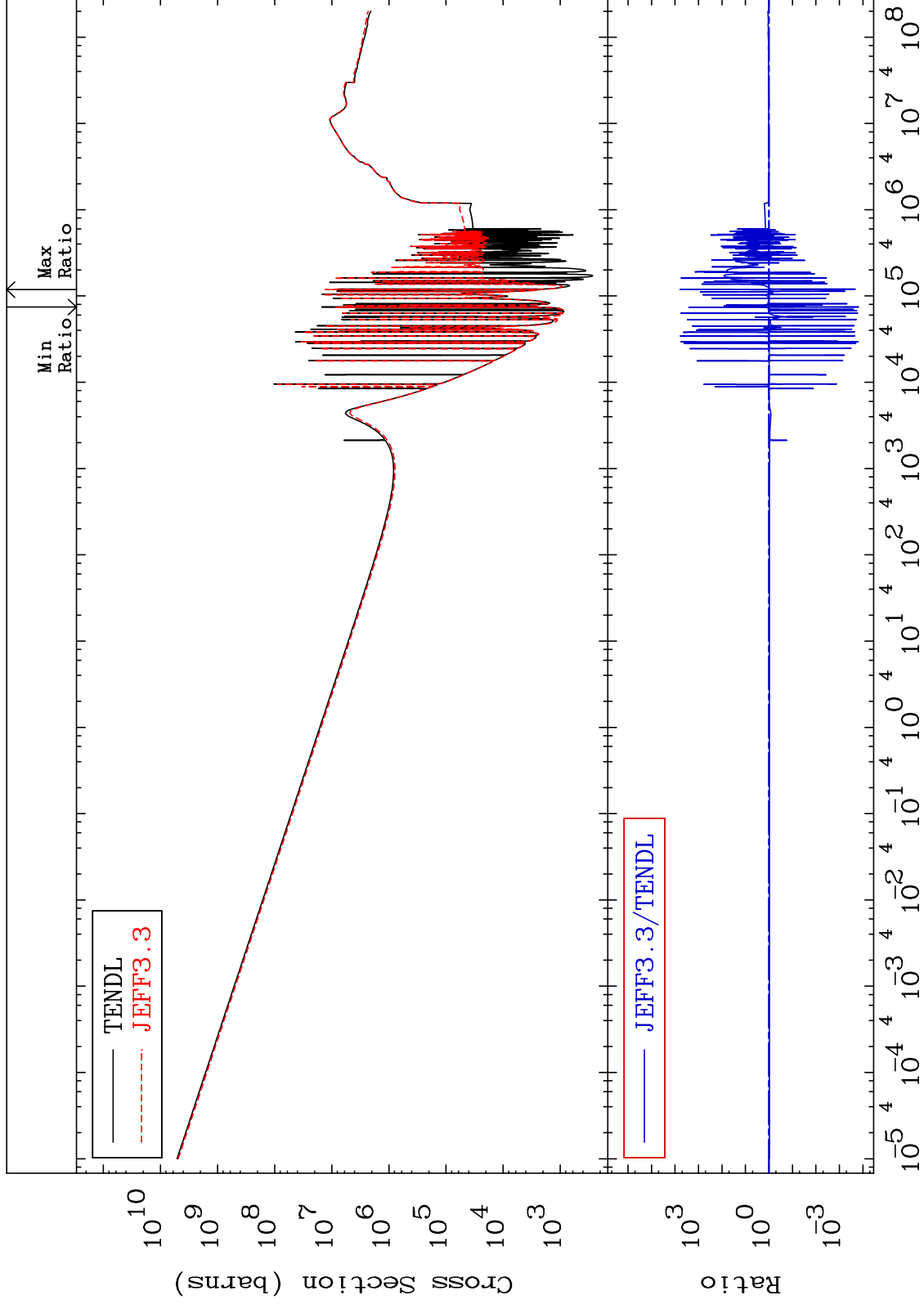
Incident Energy (eV)

28-Ni-62

MAT 2837

Total photon (eV-barns)  
Cross Section

28-Ni-62  
-99.98 To 9999. %



73

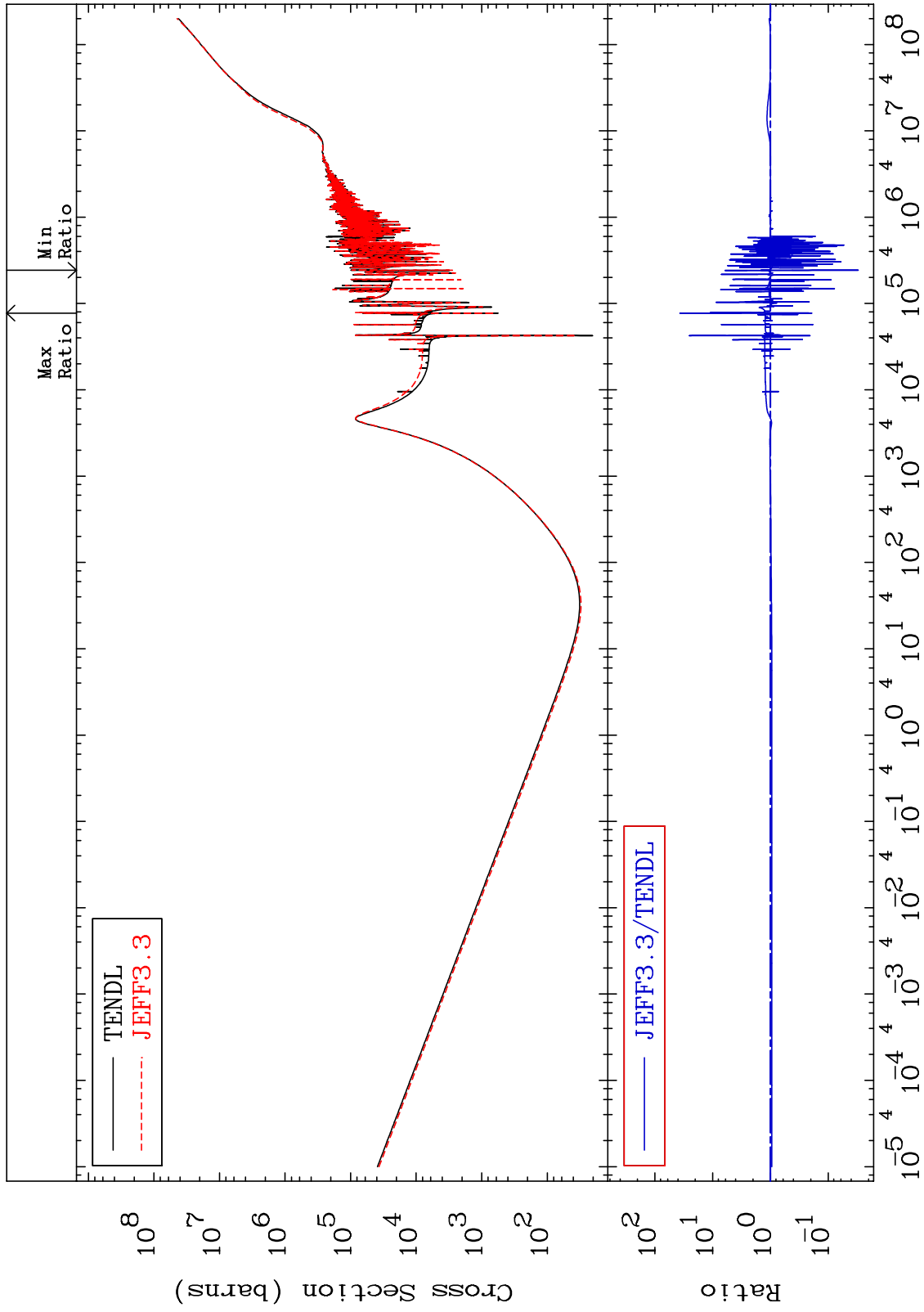
Incident Energy (eV)

28-Ni-62

MAT 2837

Total kinematic kerma (high limit)  
Cross Section

28-Ni-62  
-97.01 To 3575. %



74

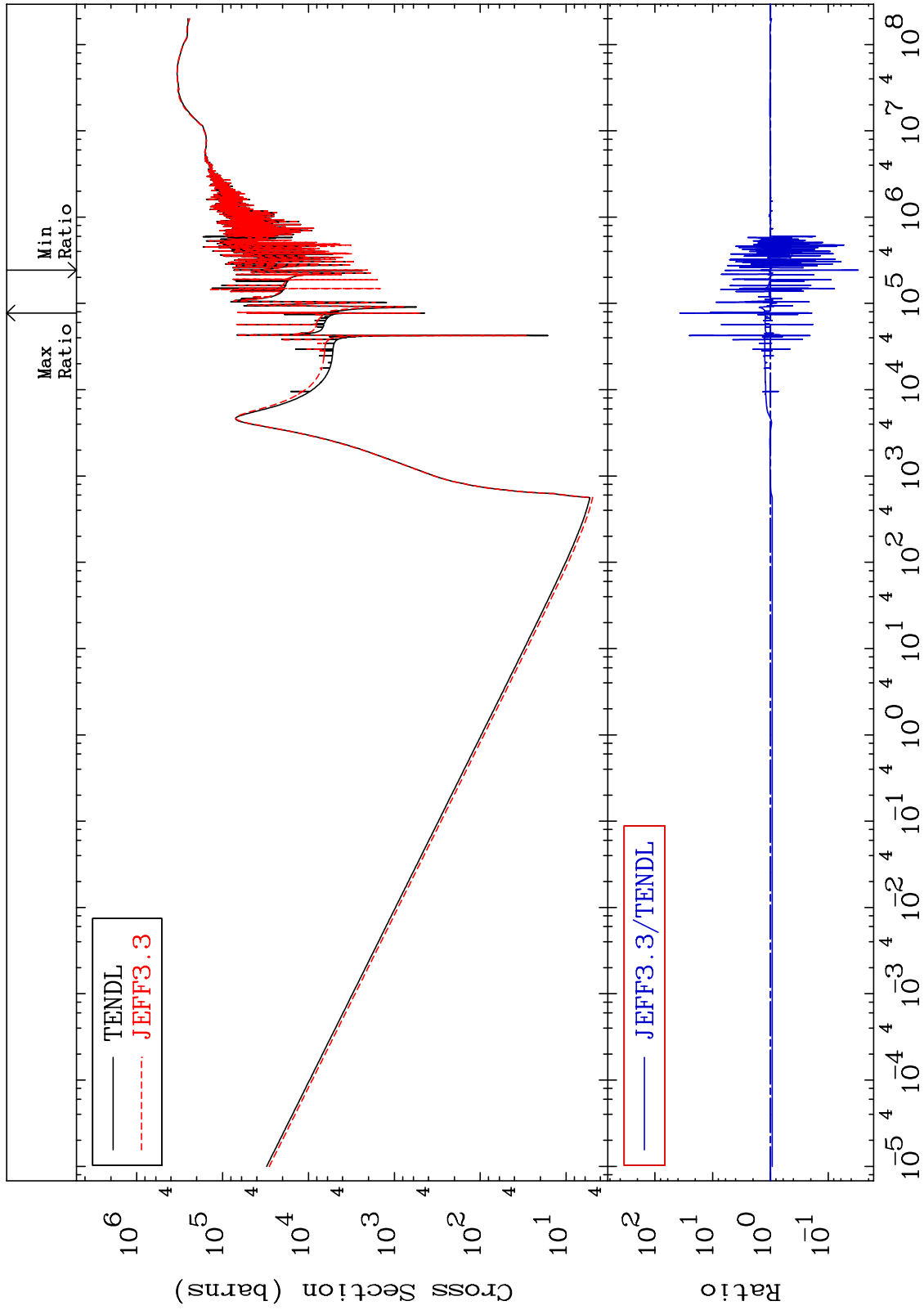
Incident Energy (eV)

28-Ni-62

MAT 2837

Dpa total (eV-barns)  
Cross Section

28-Ni-62  
-97.01 To 3575. %



75

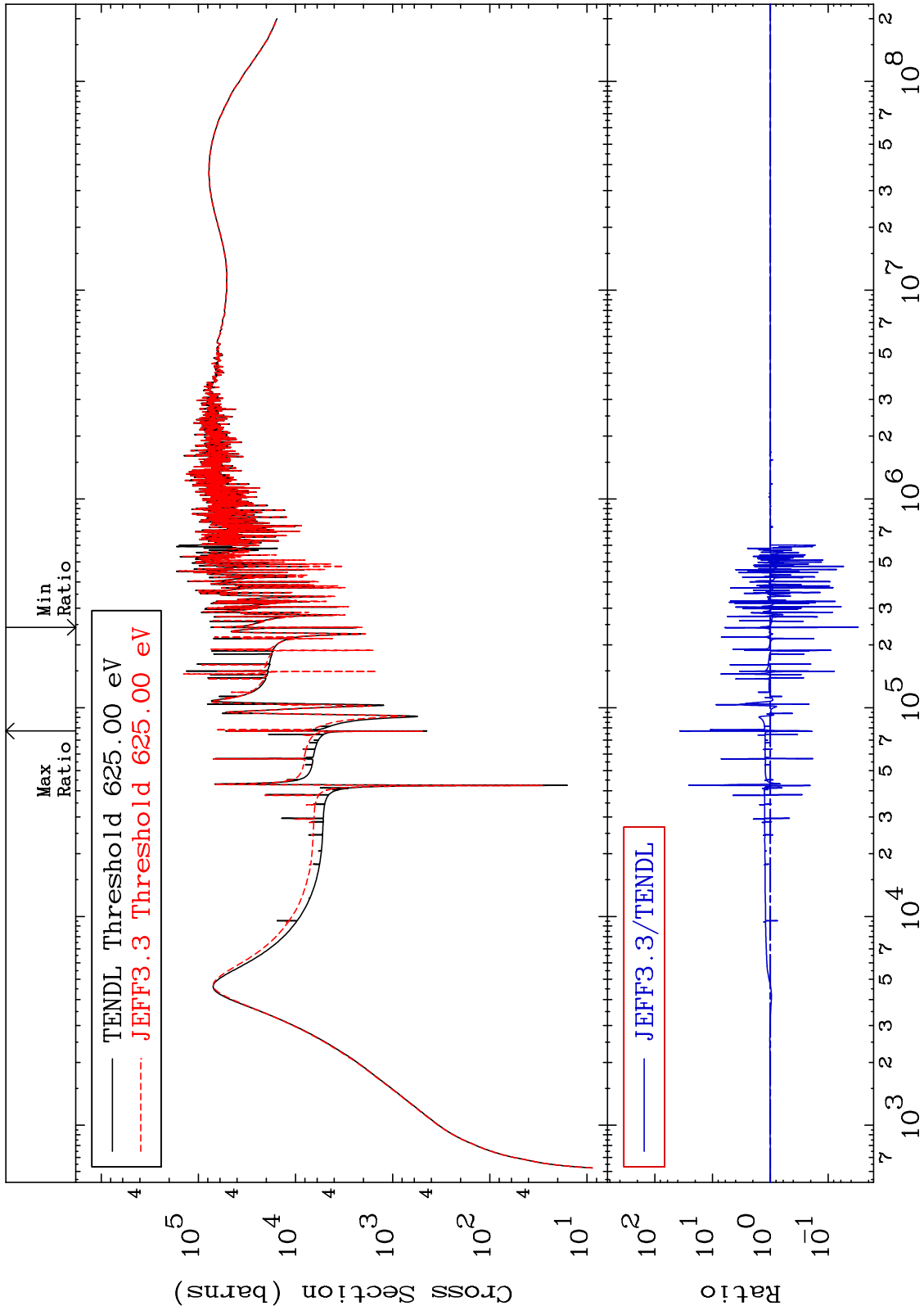
Incident Energy (eV)

28-Ni-62

MAT 2837

Dpa elastic (mt2)  
Cross Section

28-Ni-62  
-97.01 To 3589. %



76

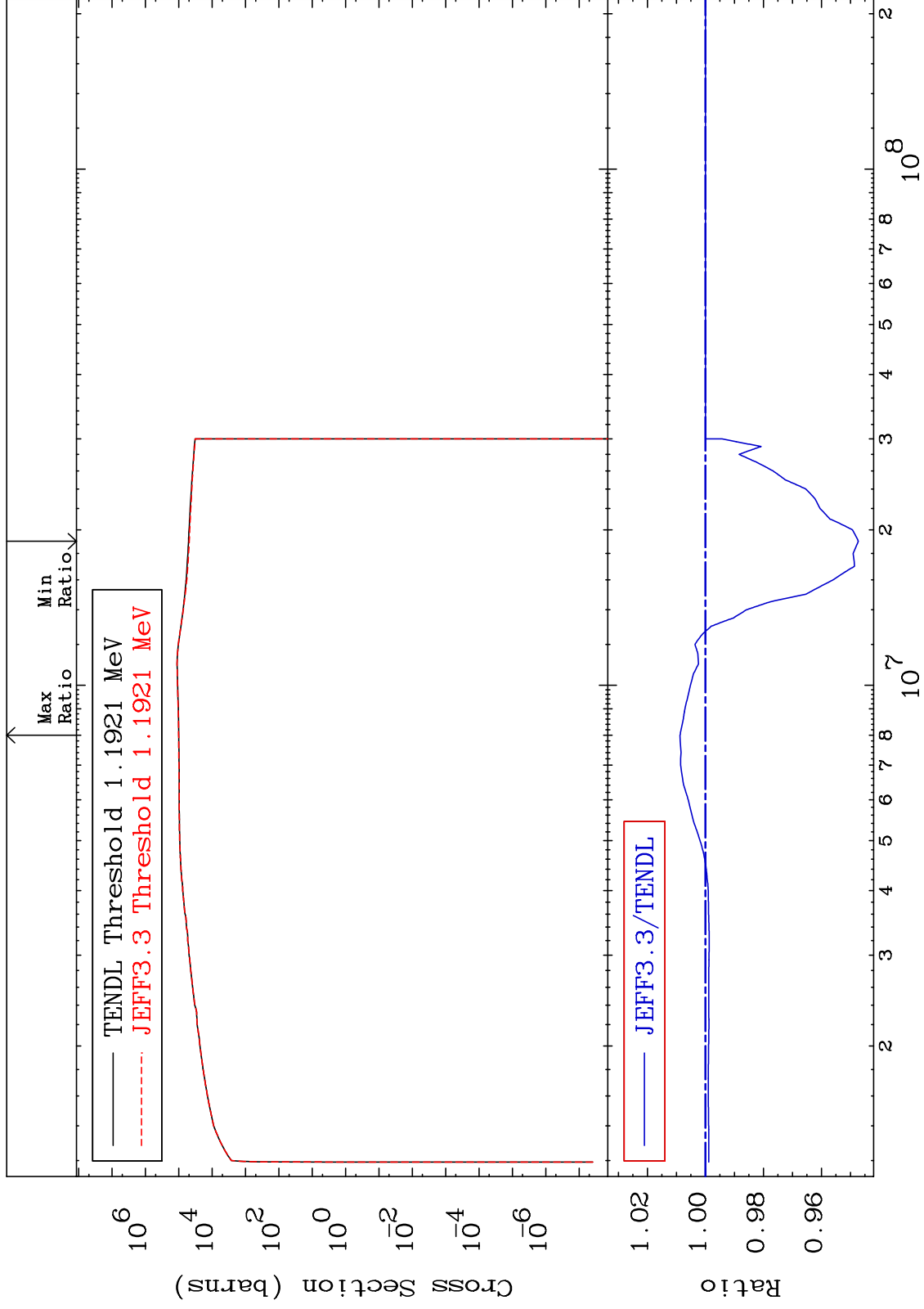
Incident Energy (eV)

28-Ni-62

MAT 2837

Dpa inelastic (mt51-91)  
Cross Section

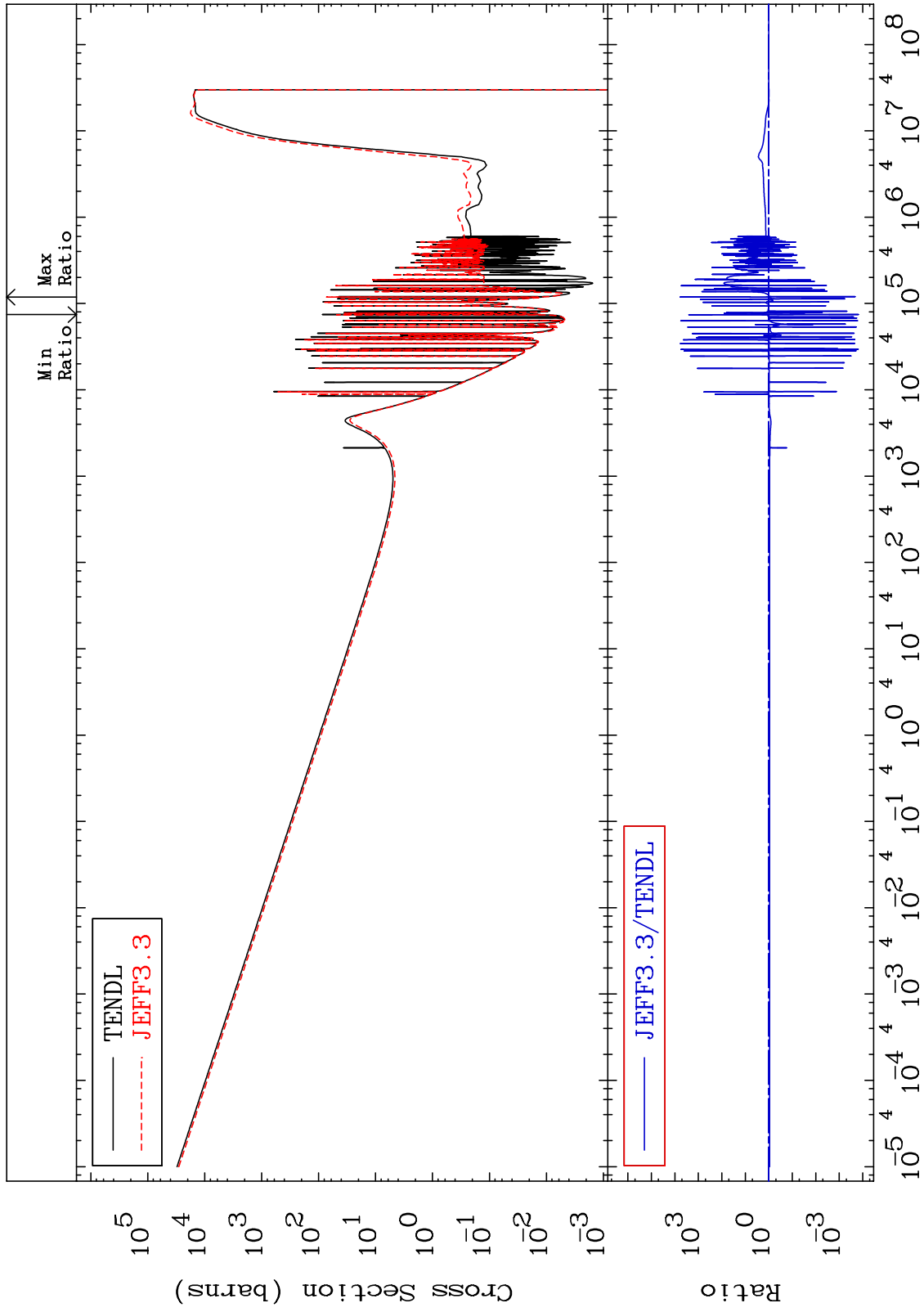
28-Ni-62  
-5.274 To 0.875 %



MAT 2837

Dpa disappearance (mt102 -120)  
Cross Section

28-Ni-62  
-99.98 To 9999. %



78

Incident Energy (eV)

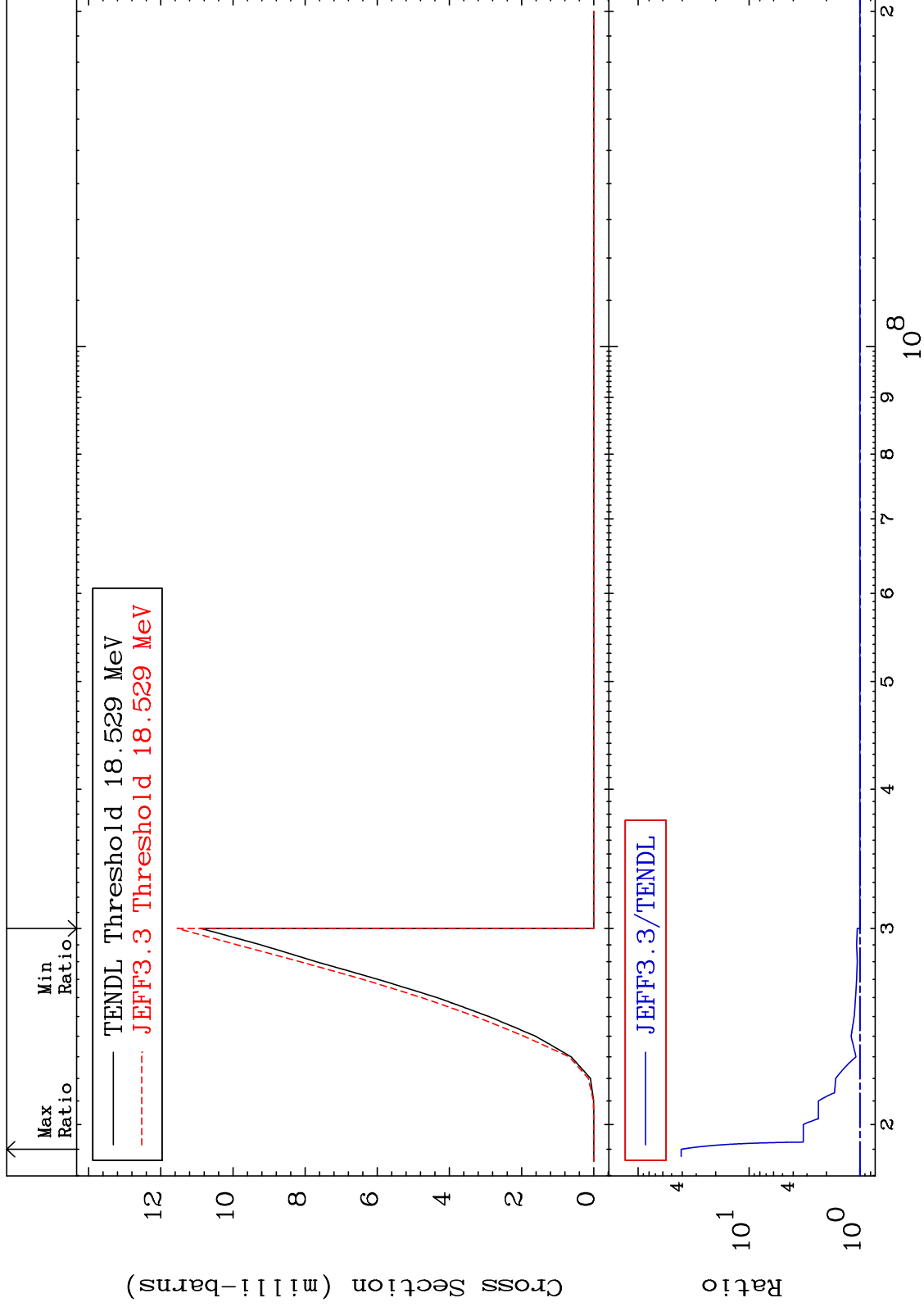
28-Ni-62

MAT 2837

(n, n') d:27-Co-60g

28-Ni-62

Radionuclide Production Cross Section 0.000 To 3991. %



79

Incident Energy (eV)

28-Ni-62

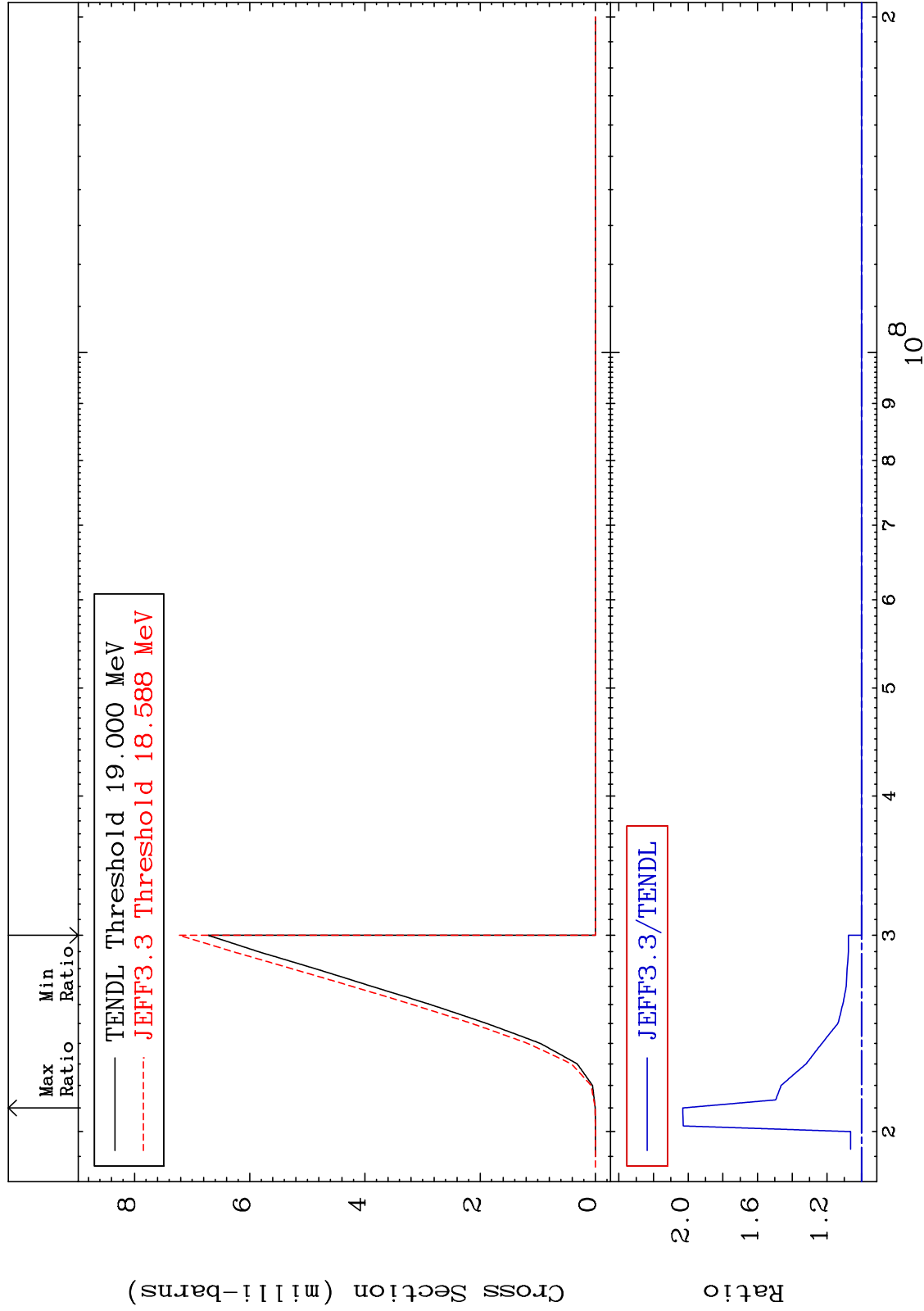


MAT 2837

(n, n') d:27-Co-60m1

28-Ni-62

Radionuclide Production Cross Section 0.000 To 103.1 %



80

Incident Energy (eV)

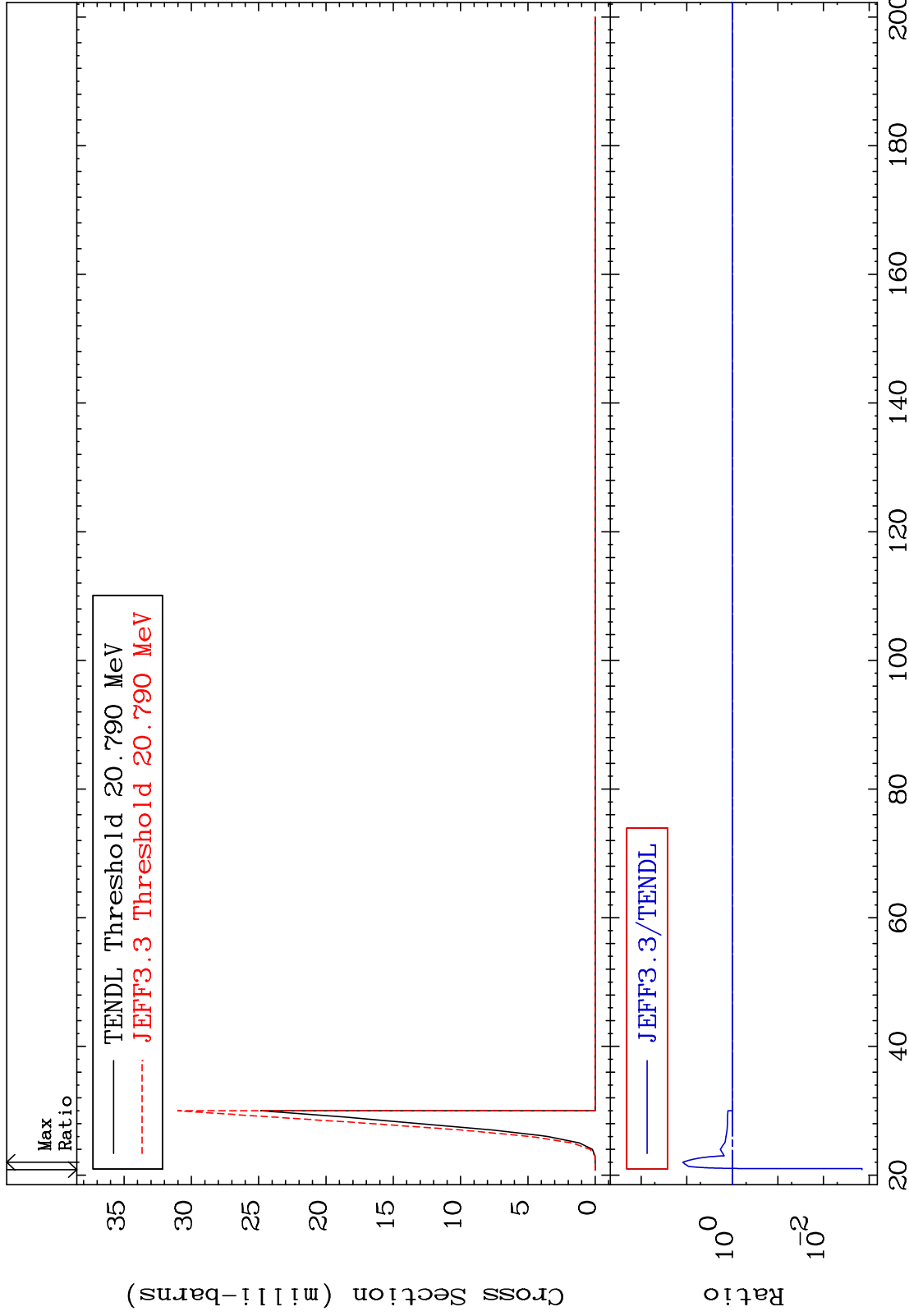
28-Ni-62

MAT 2837

(n,2n) p:27-Co-60g

28-Ni-62

Radionuclide Production Cross Section -99.86 To 1113. %



81

Incident Energy (MeV)

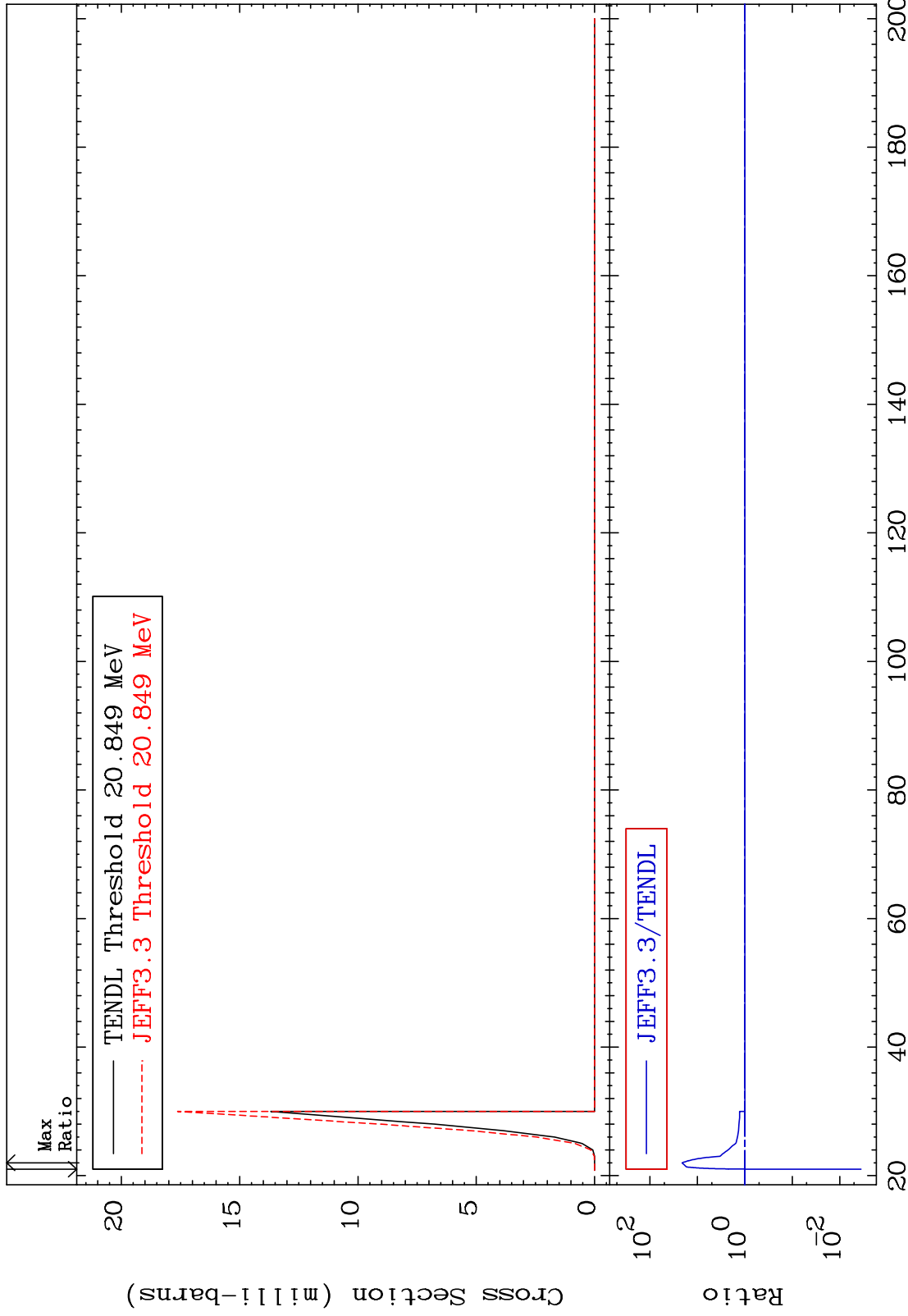
28-Ni-62

MAT 2837

(n,2n) p:27-Co-60m1

28-Ni-62

Radionuclide Production Cross Section -99.64 To 2002. %



82

Incident Energy (MeV)

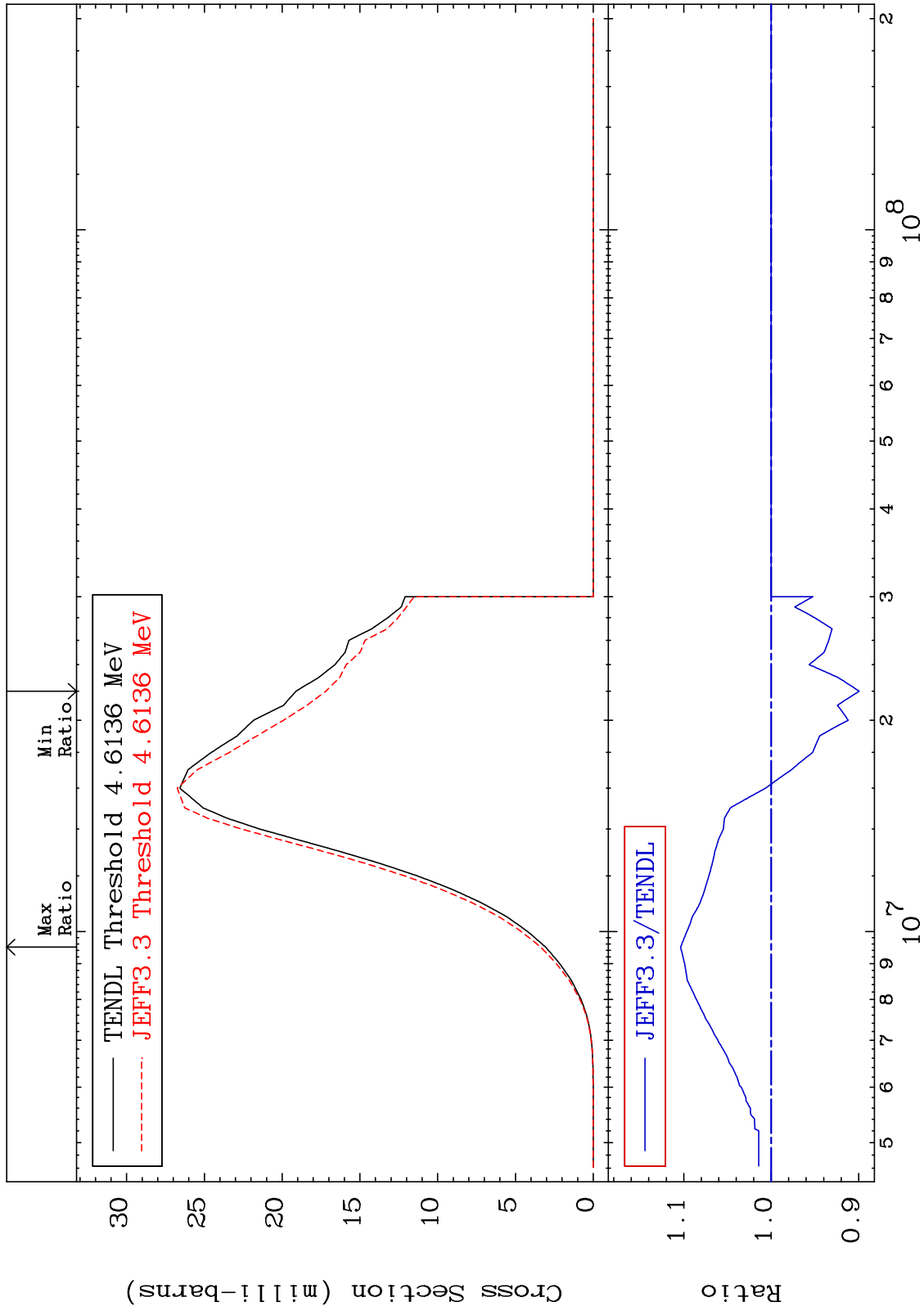
28-Ni-62

MAT 2837

(n,p):27-Co-62g

28-Ni-62

Radionuclide Production Cross Section -10.06 To 10.36 %



83

Incident Energy (eV)

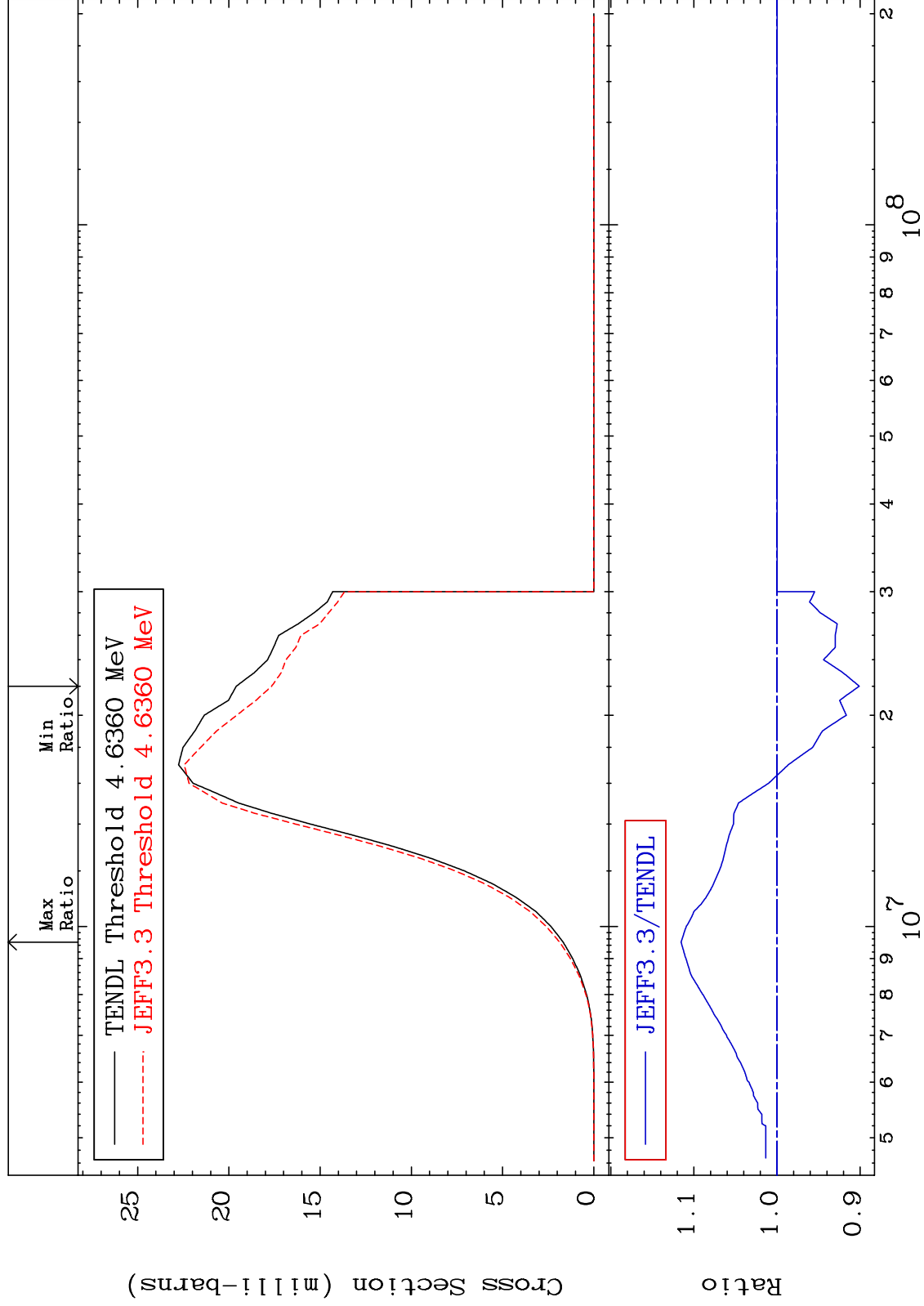
28-Ni-62

MAT 2837

(n,p):27-Co-62m1

28-Ni-62

Radionuclide Production Cross Section -9.898 To 11.55 %



84

Incident Energy (eV)

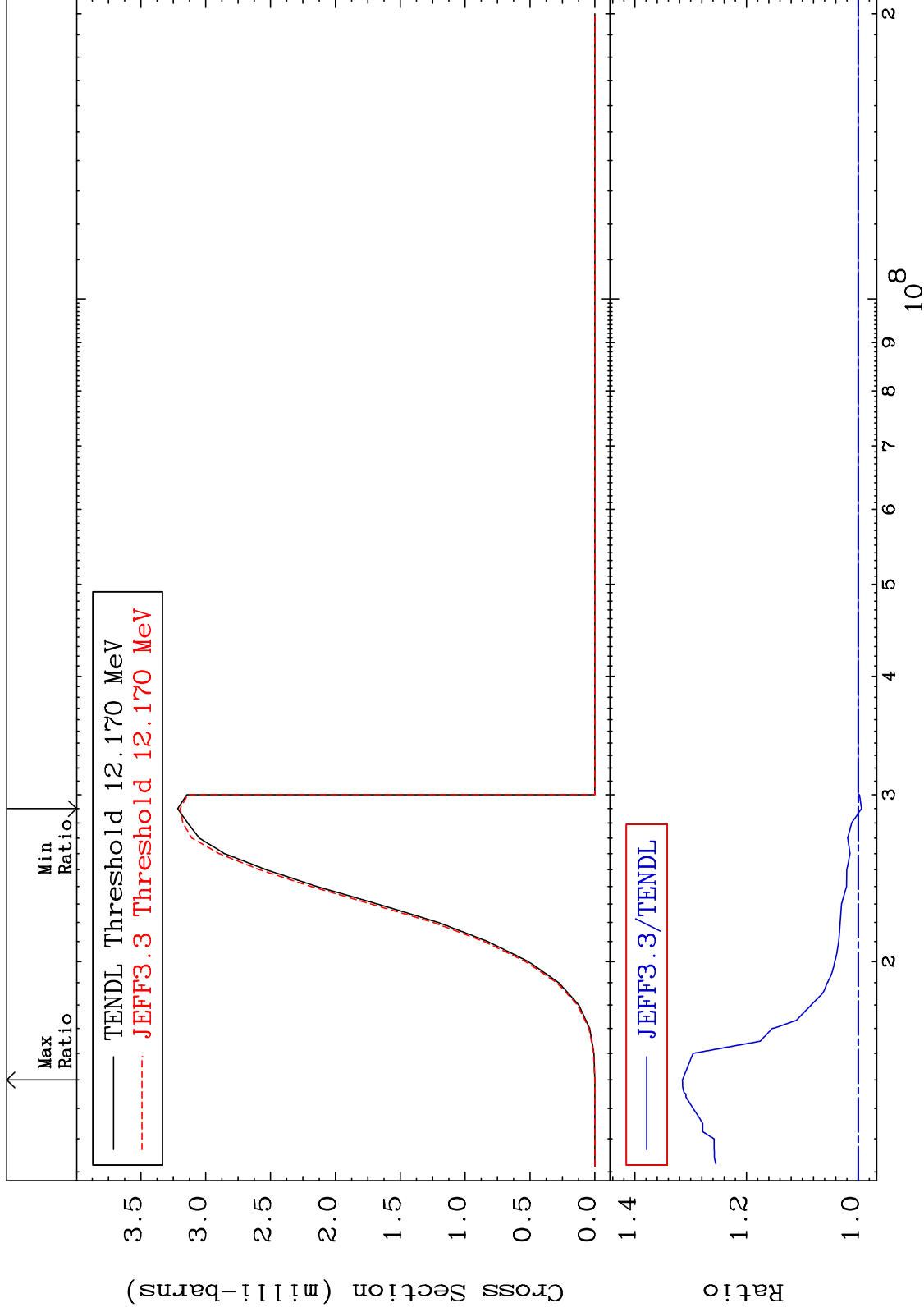
28-Ni-62

MAT 2837

(n, t) : 27-Co-60g

28-Ni-62

Radionuclide Production Cross Section -0.586 To 31.50 %



85

Incident Energy (eV)

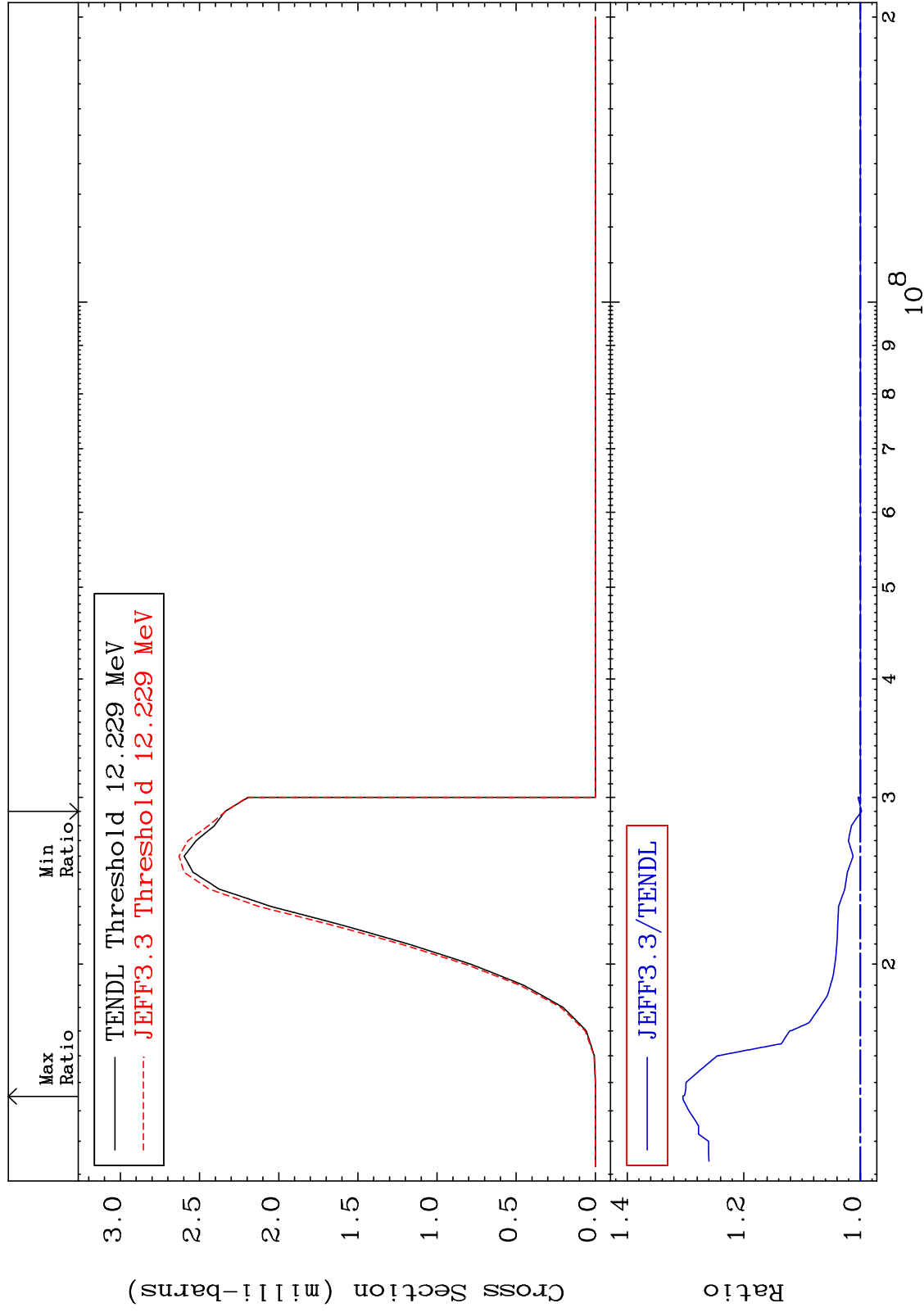
28-Ni-62

MAT 2837

(n, t): 27-Co-60m1

28-Ni-62

Radionuclide Production Cross Section -0.210 To 30.47 %

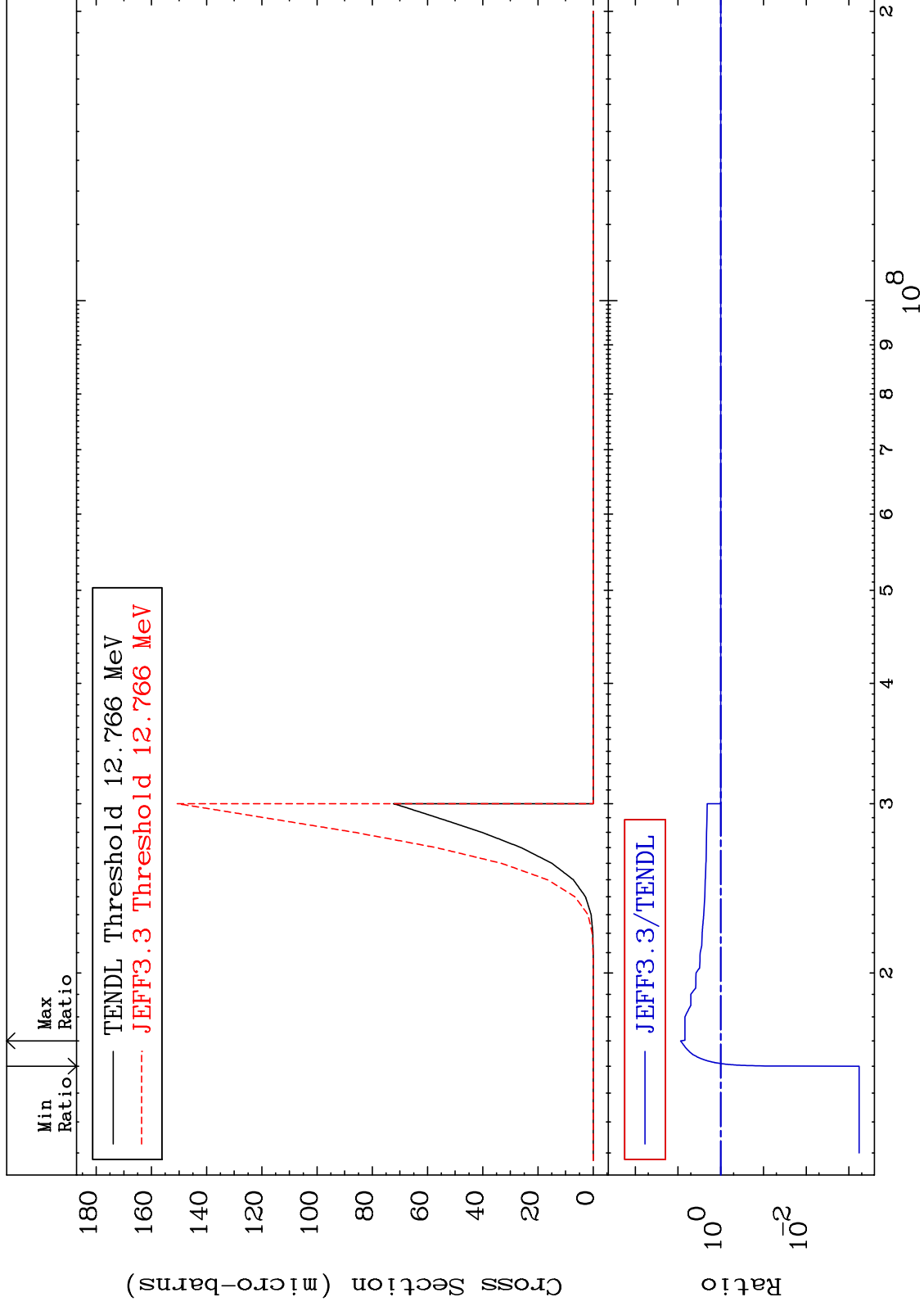


MAT 2837

(n, p)  $\alpha$ :25-Mn-58g

28-Ni-62

Radionuclide Production Cross Section -99.94 To 770.1 %



87

Incident Energy (eV)

28-Ni-62



MAT 2837

(n, p)  $\alpha$ :25-Mn-58m1

28-Ni-62

Radionuclide Production Cross Section 0.000 To 749.7 %

