

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

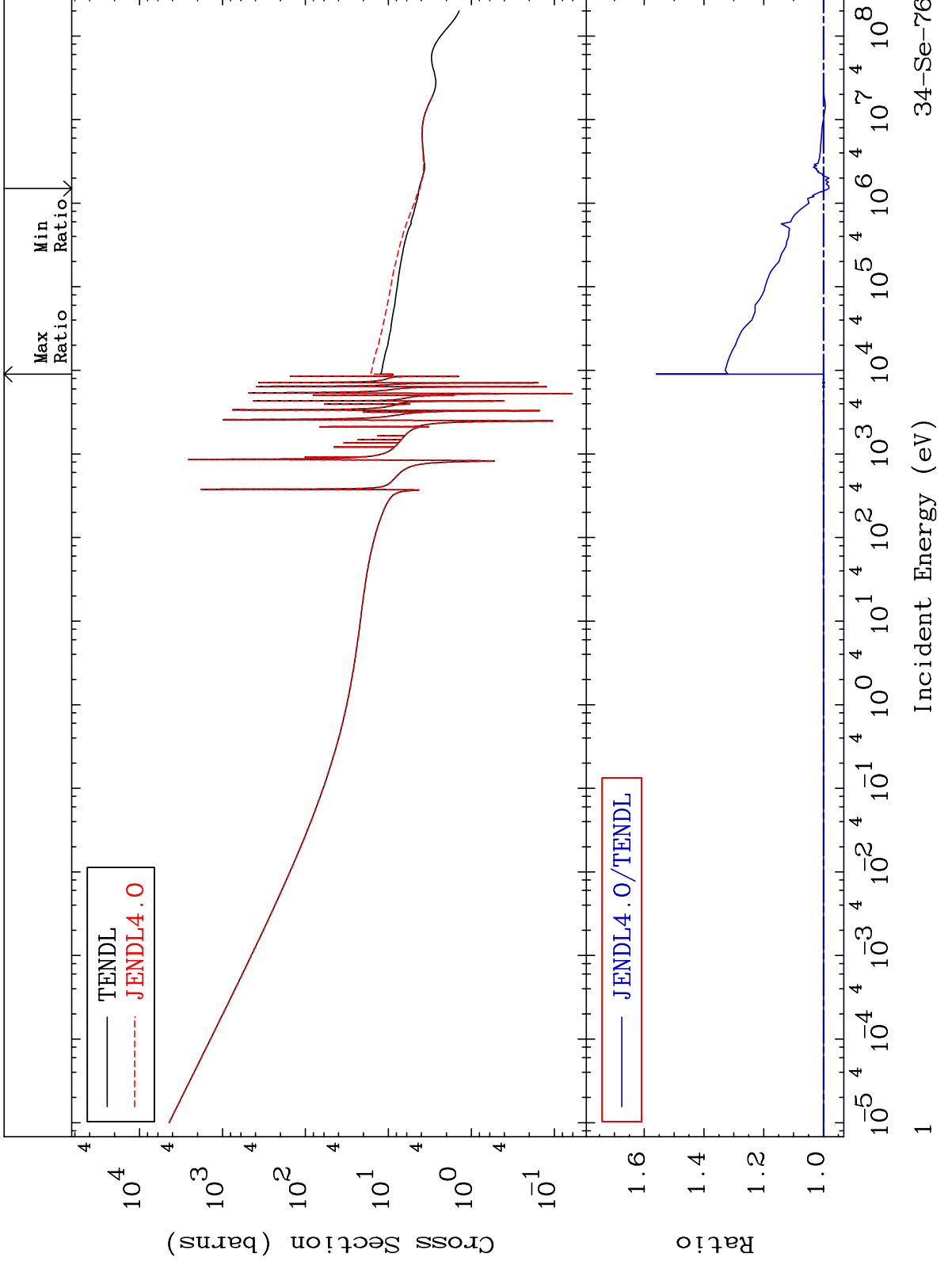
MAT 3431

Total

34-Se-76

Cross Section

-1.887 To 55.97 %



34-Se-76

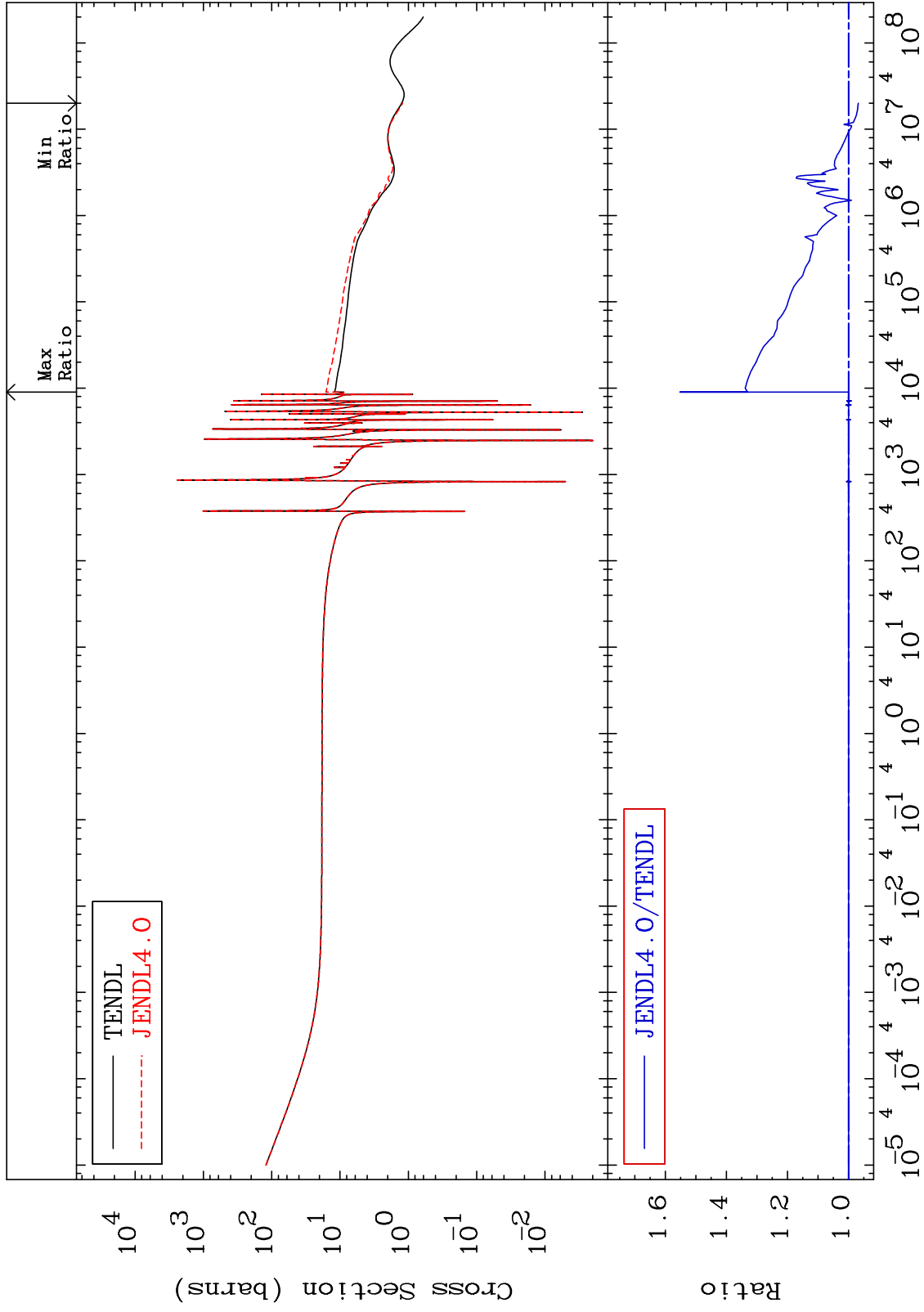
MAT 3431

Elastic

Cross Section

<sup>34</sup>Se-76

-3.255 To 55.21 %



Incident Energy (eV)

<sup>34</sup>Se-76

2

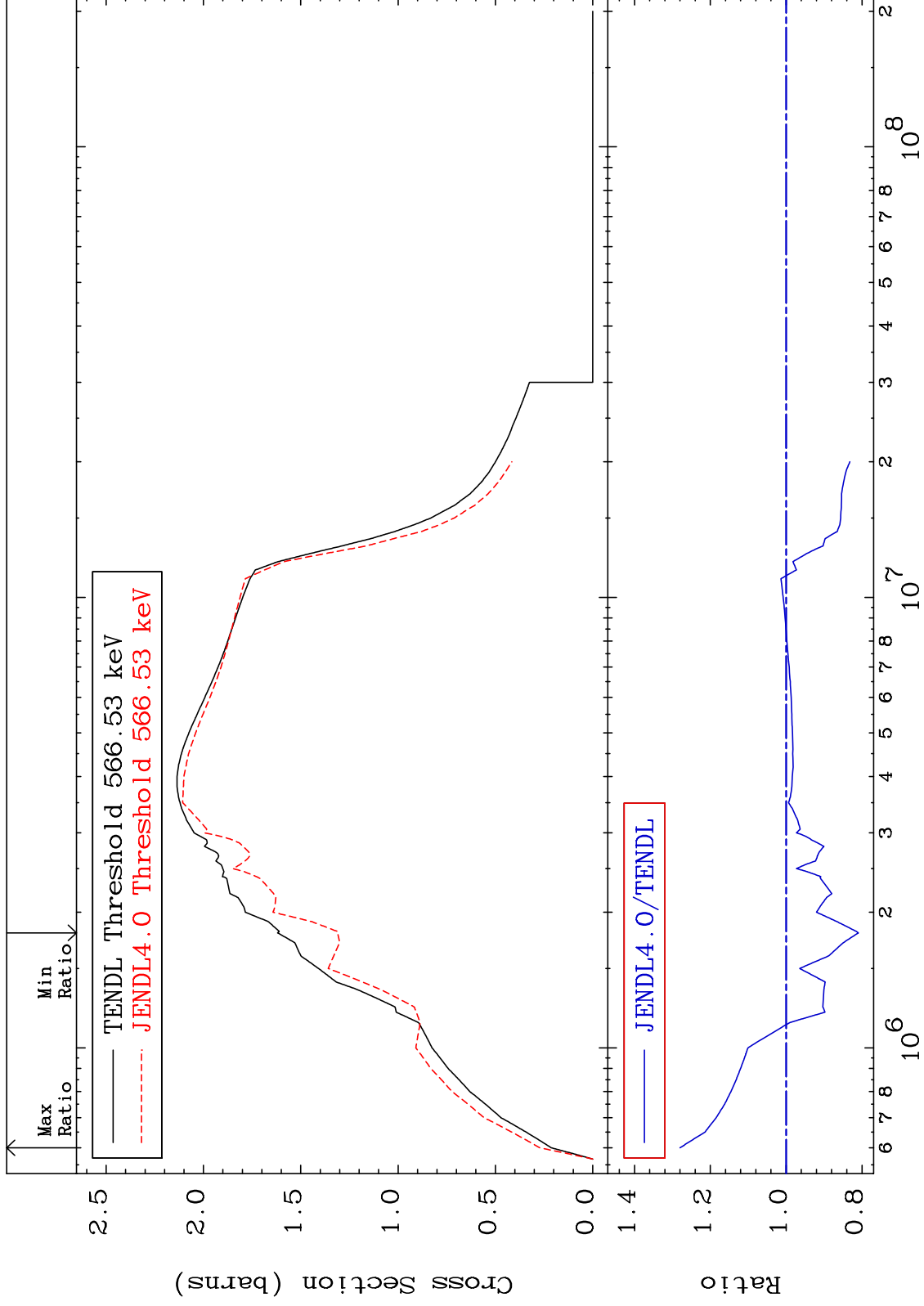
MAT 3431

Inelastic

<sup>34</sup>Se-76

Cross Section

-19.06 To 27.99 %



MAT 3431

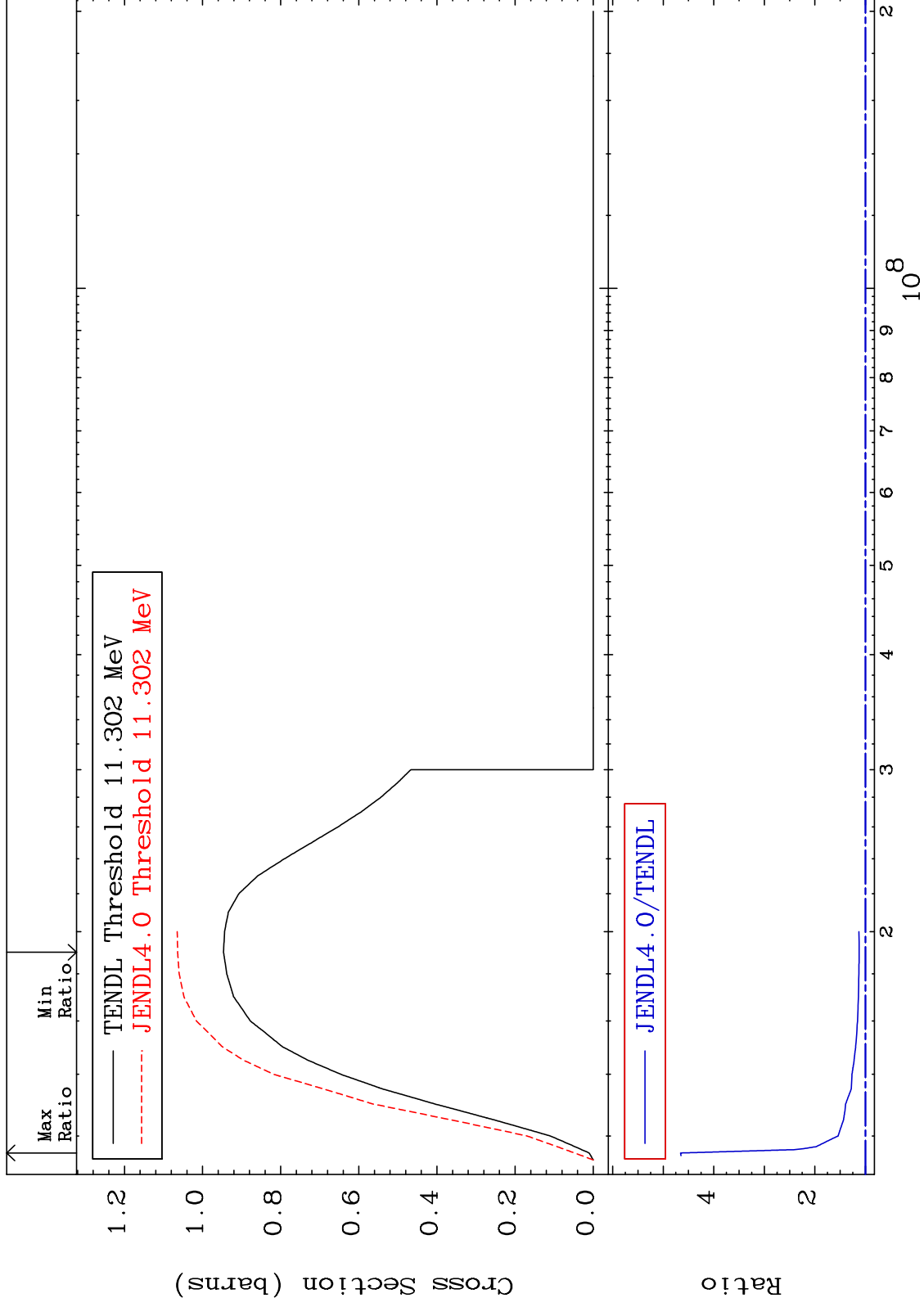
(n,2n)

<sup>34</sup>Se-76

Cross Section

12.41

To 365.6 %

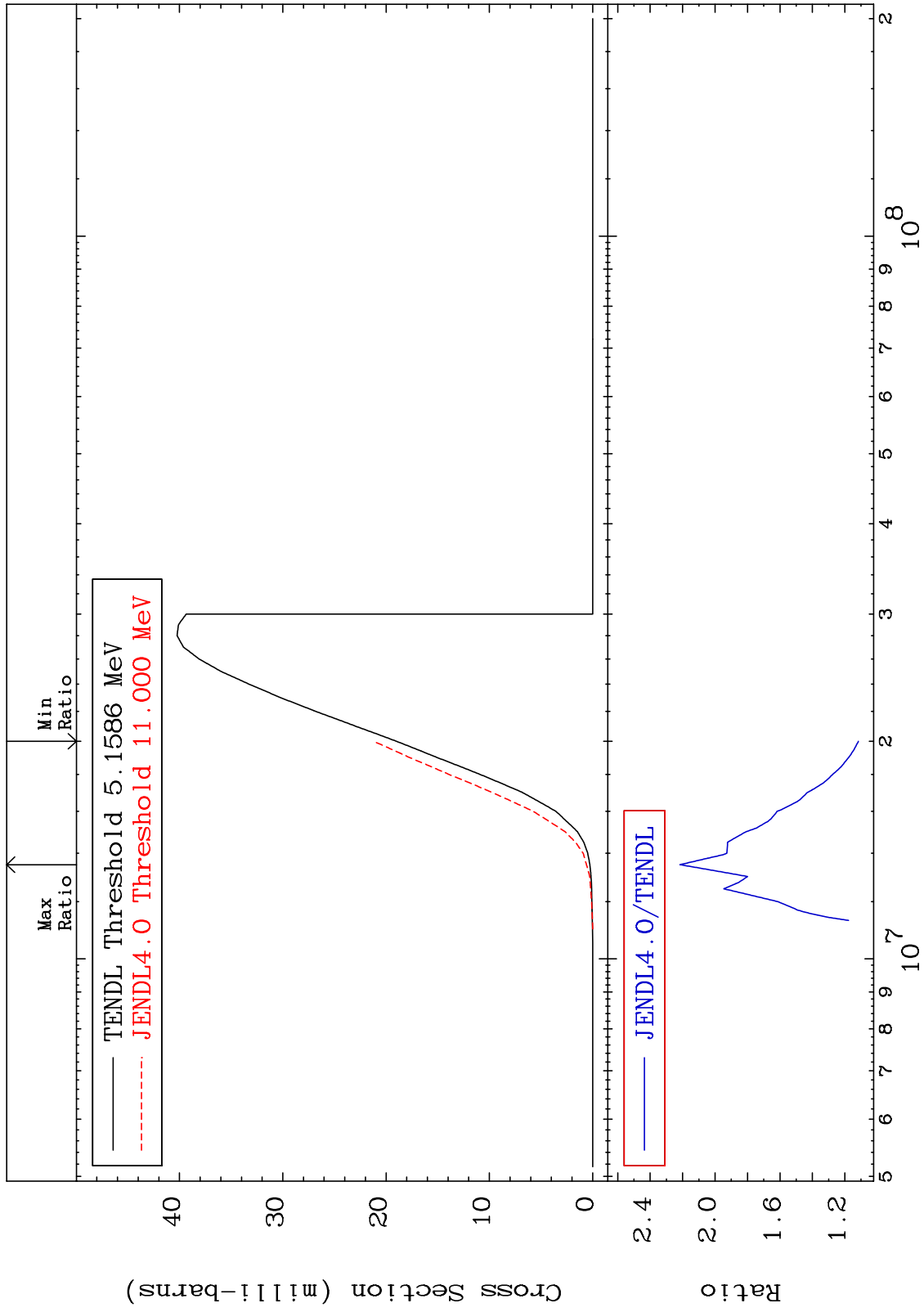


MAT 3431

(n,n')  $\alpha$

<sup>34</sup>Se-76

Cross Section 11.65 To 121.6 %



5

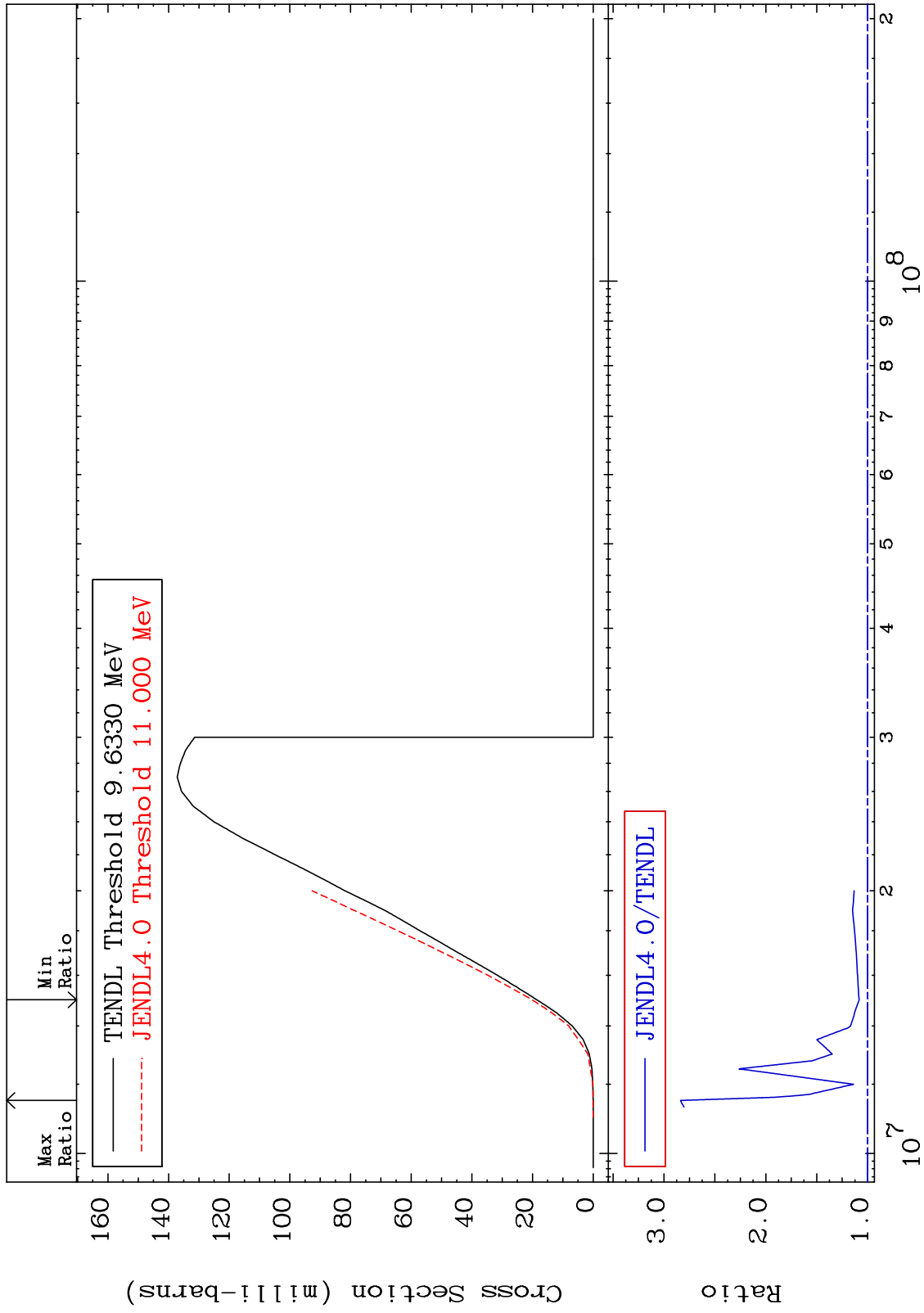
Incident Energy (eV)

34-<sup>76</sup>Se

MAT 3431

(n,n') p  
Cross Section

34-Se-76  
8.318 To 183.6 %



34-Se-76

Incident Energy (eV)

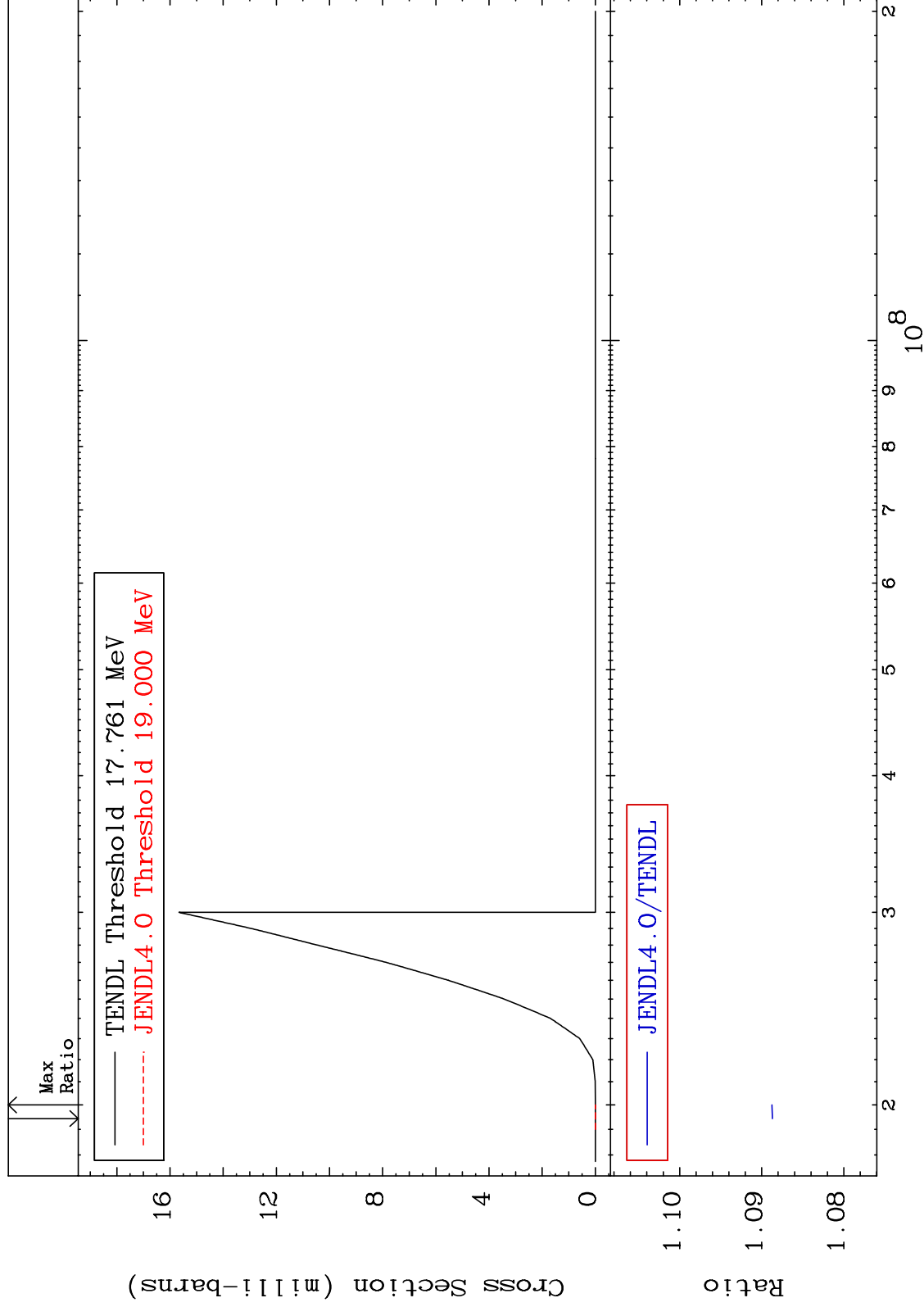
MAT 3431

(n,n') d

<sup>34</sup>Se-76

Cross Section

8.869 To 8.875 %

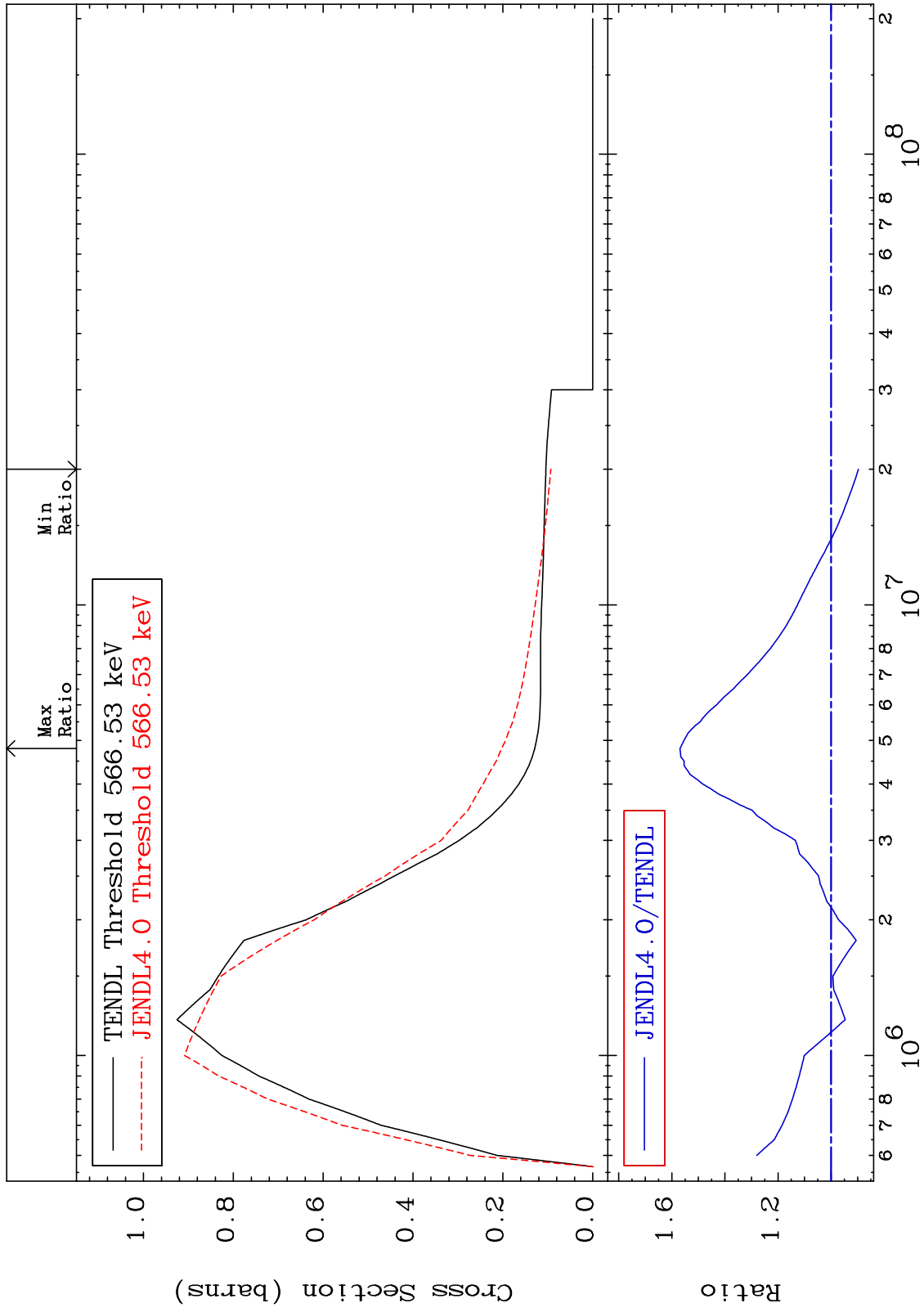




MAT 3431

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

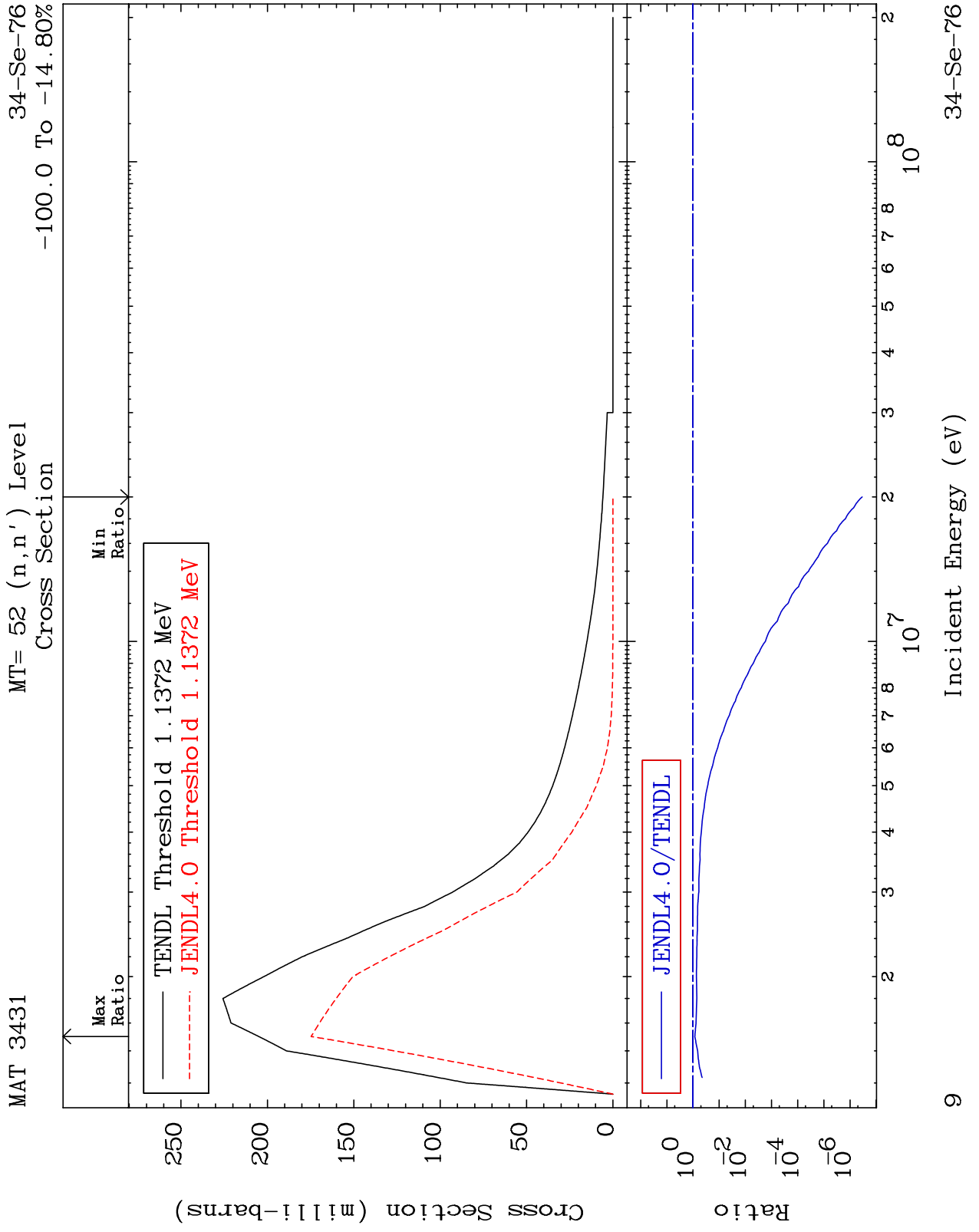
34-Se-76  
-10.30 To 56.92 %



8

Incident Energy (eV)

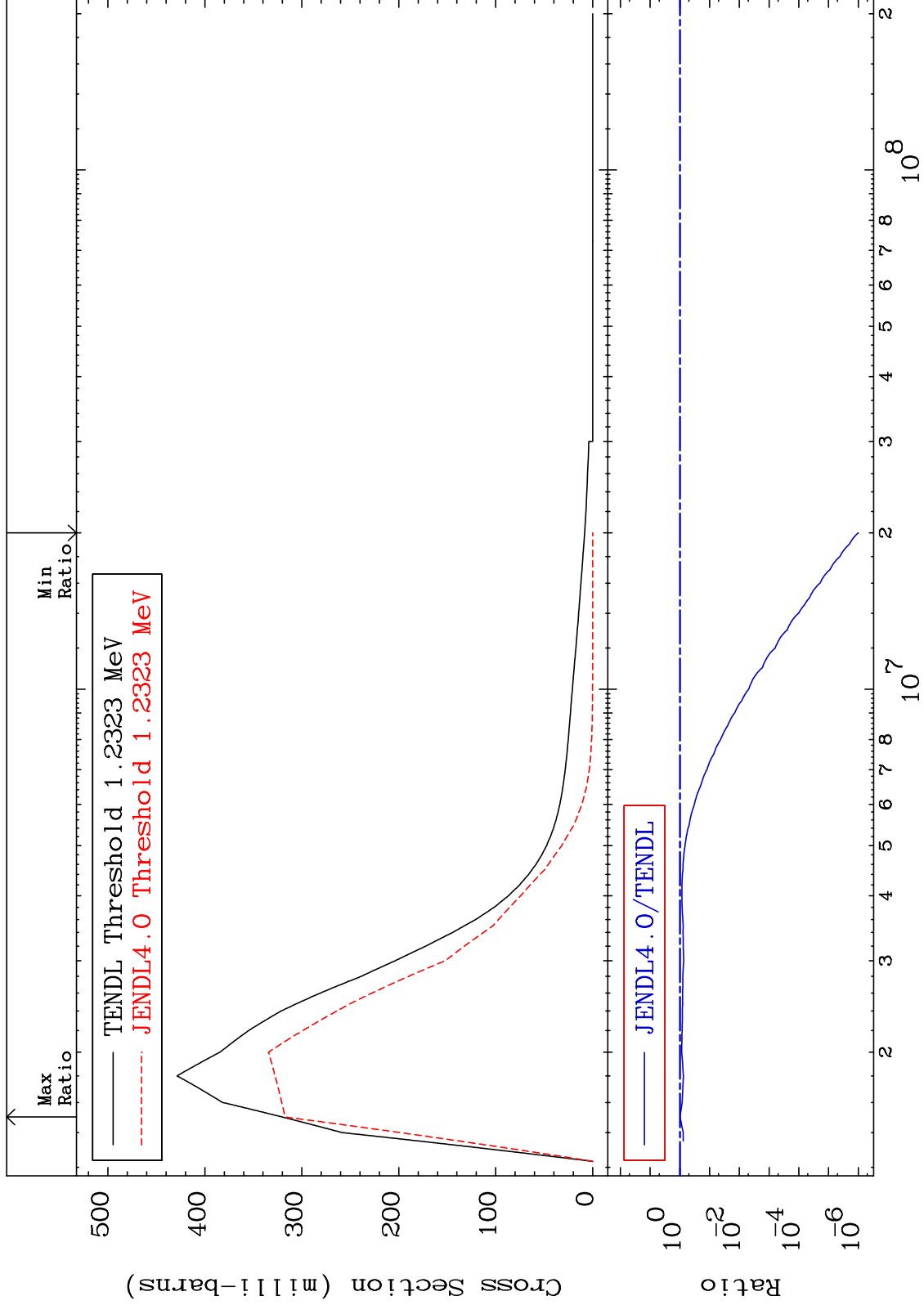
34-Se-76



MAT 3431

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

34-Se-76  
-100.0 To -0.906%



10

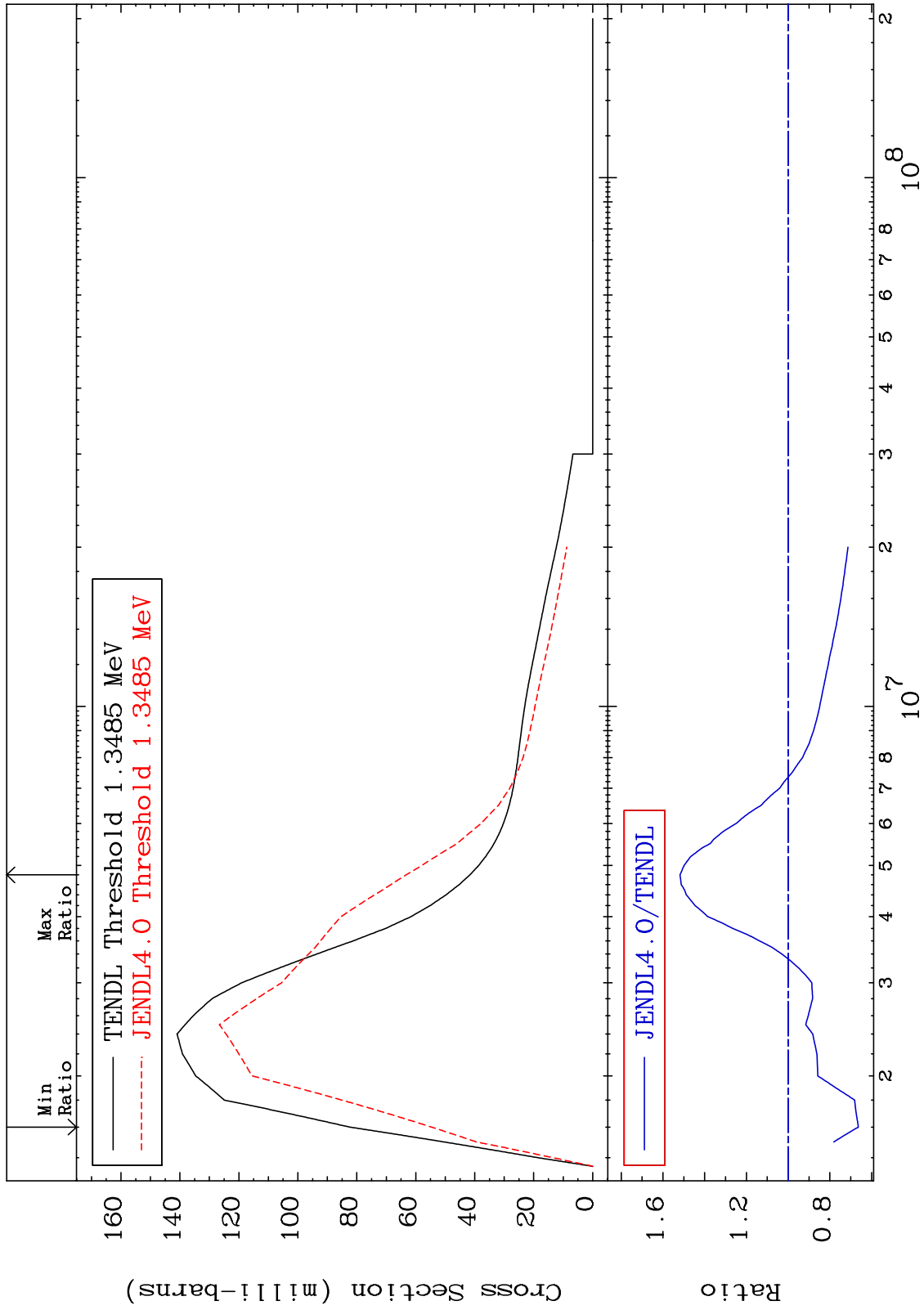
Incident Energy (eV)

34-Se-76

MAT 3431

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

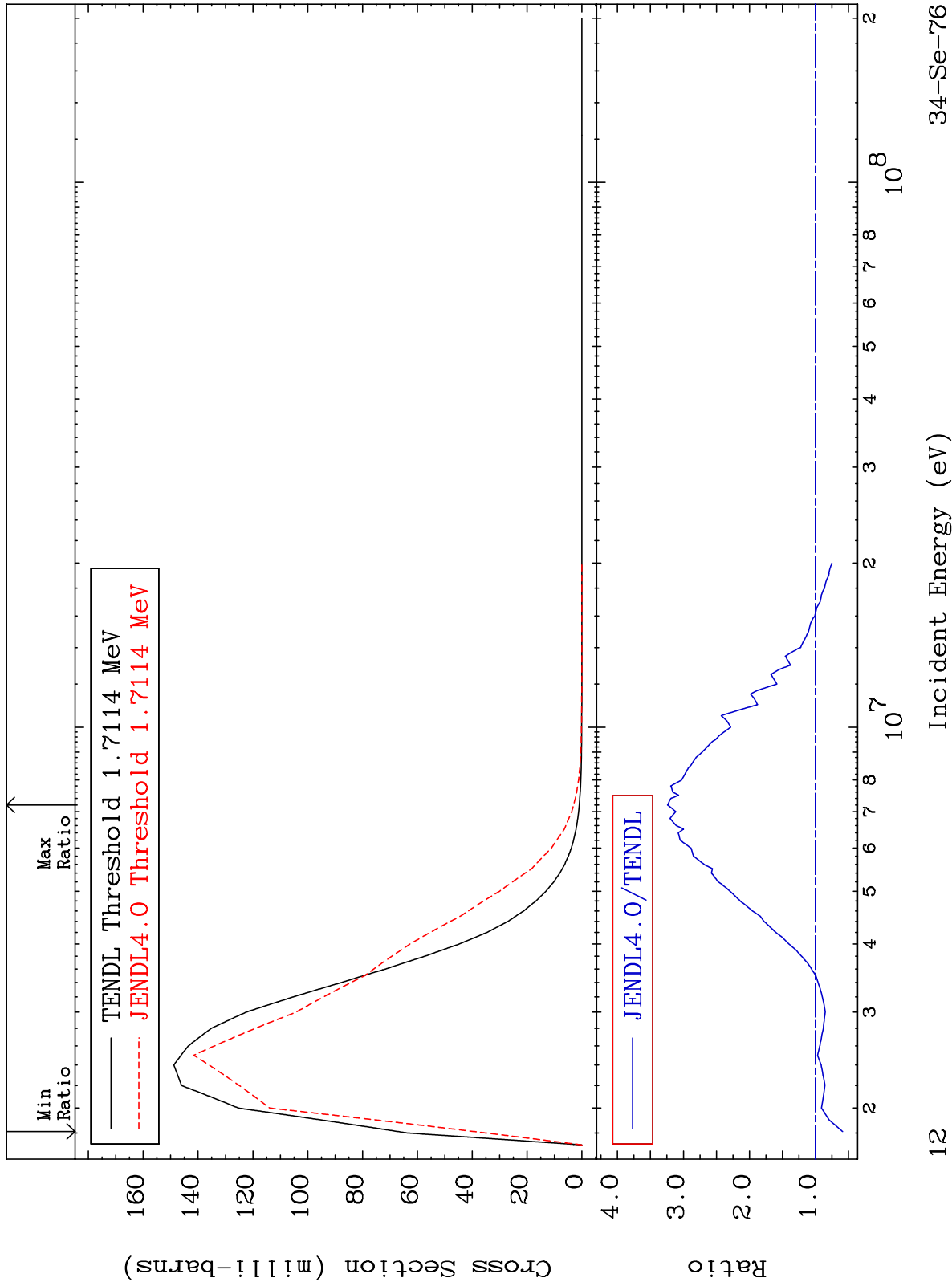
34-Se-76  
-33.67 To 51.81 %



MAT 3431

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

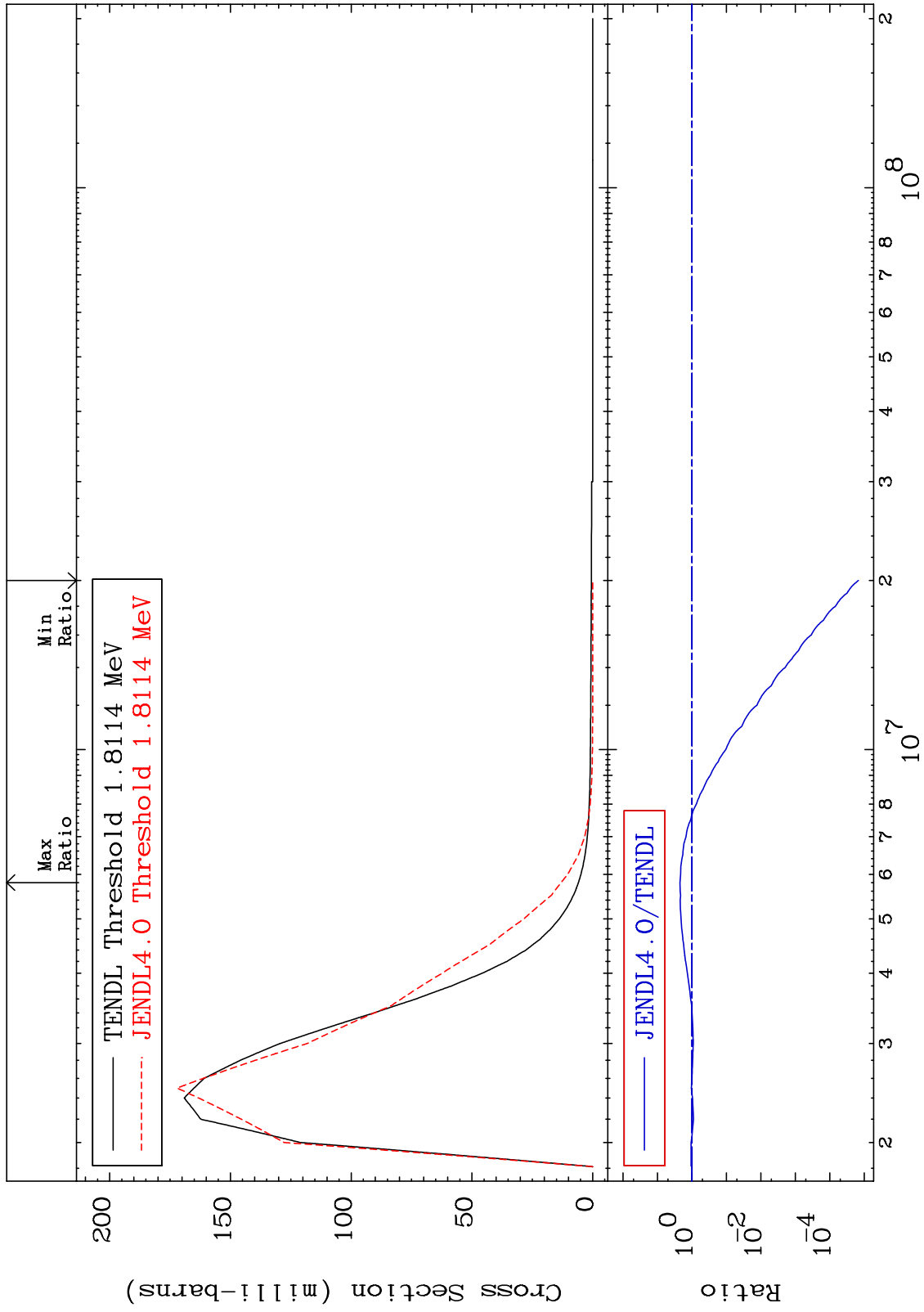
34-Se-76  
-41.26 To 224.1 %



MAT 3431

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

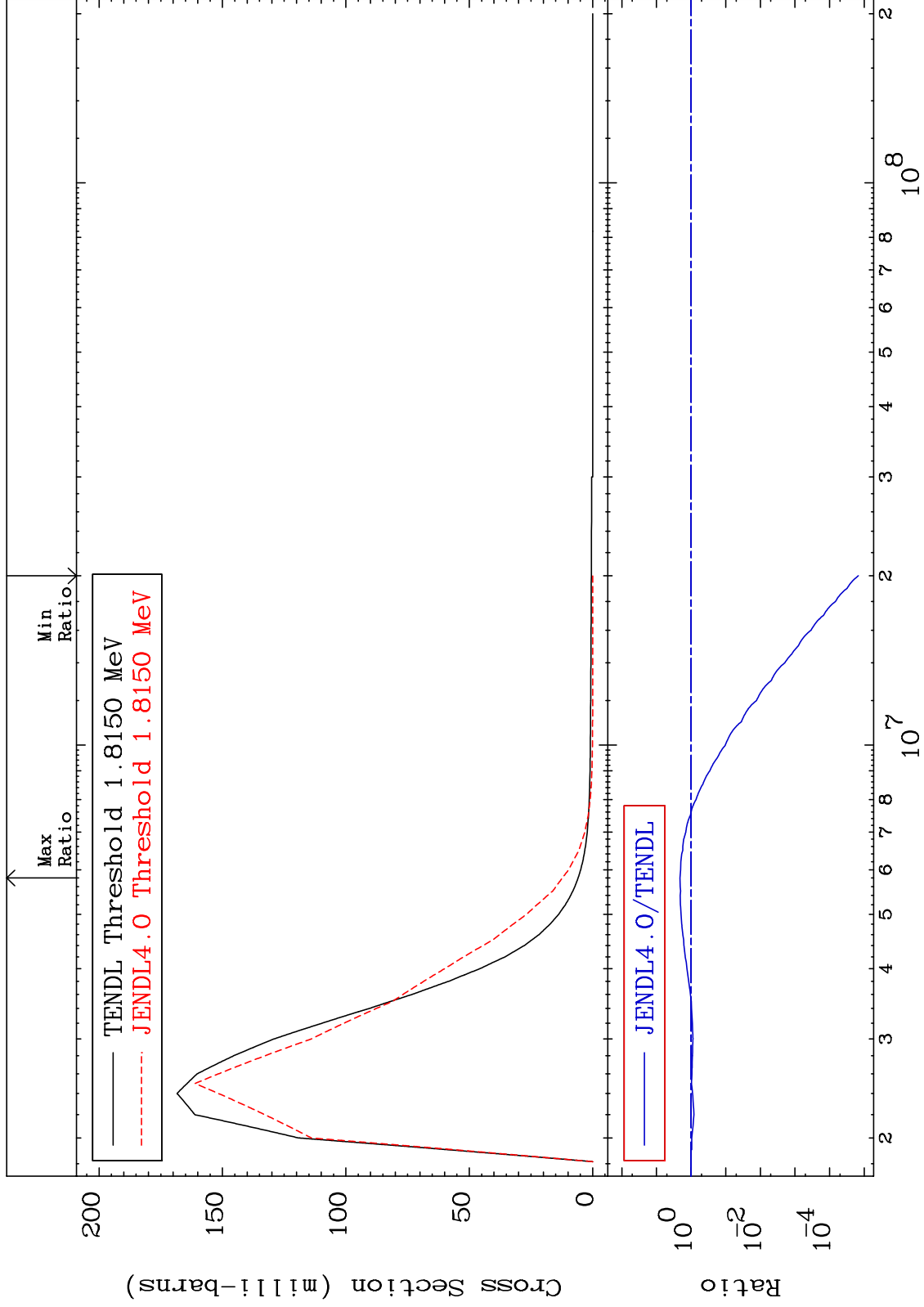
34-Se-76  
-100.0 To 121.8 %



MAT 3431

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

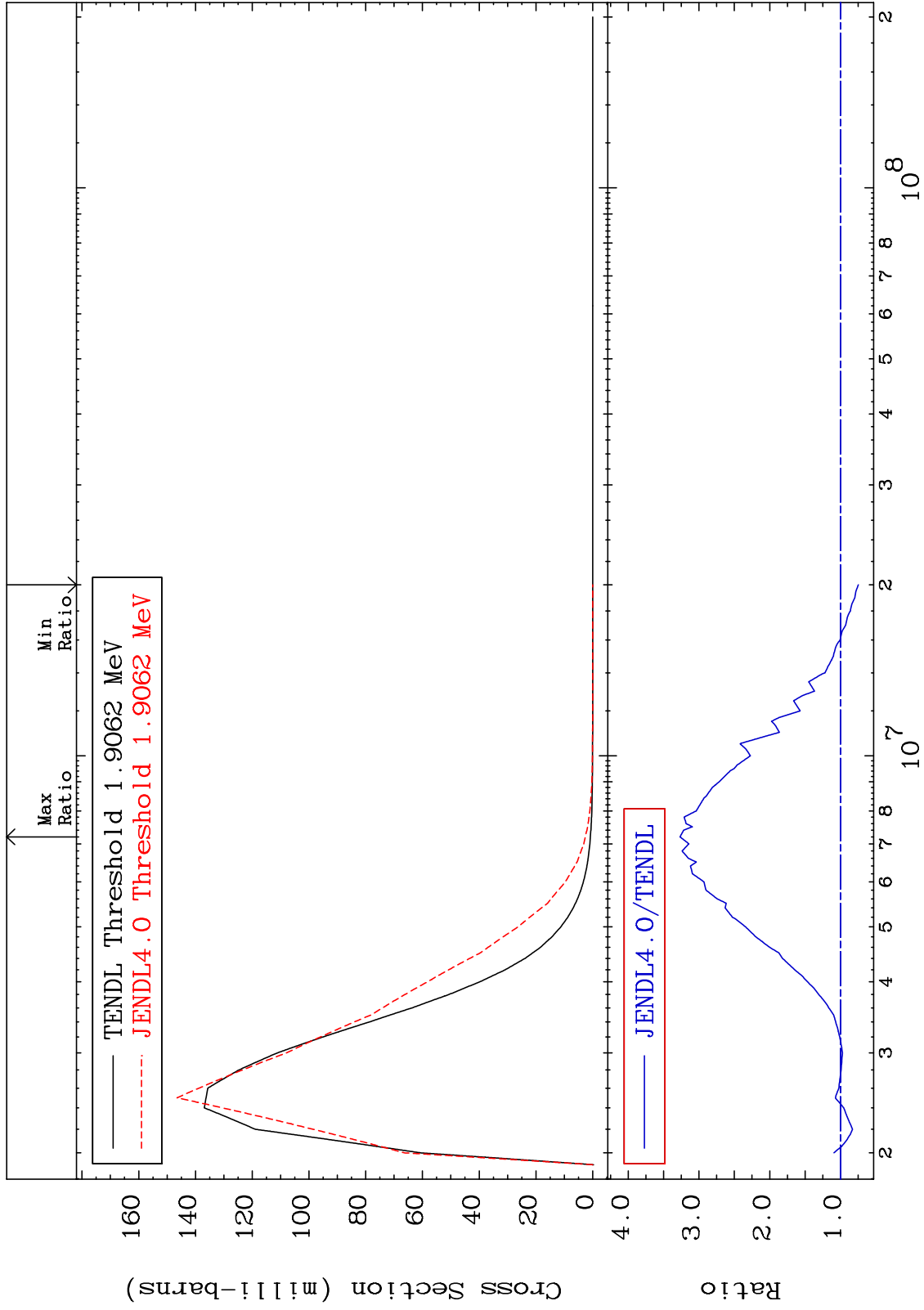
34-Se-76  
-100.0 To 108.7 %



MAT 3431

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

34-Se-76  
-25.44 To 226.8 %



15

Incident Energy (eV)

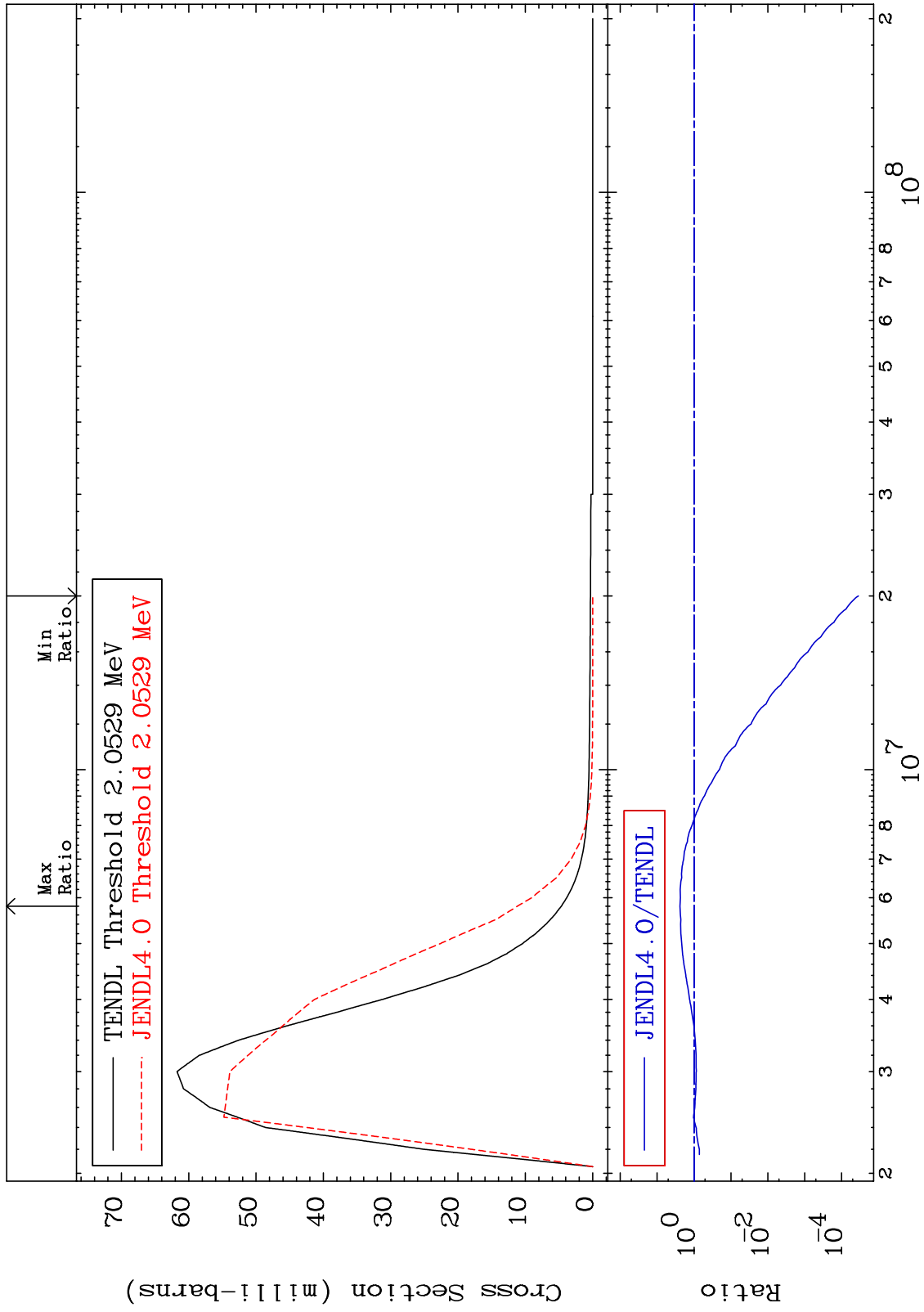
34-Se-76



MAT 3431

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

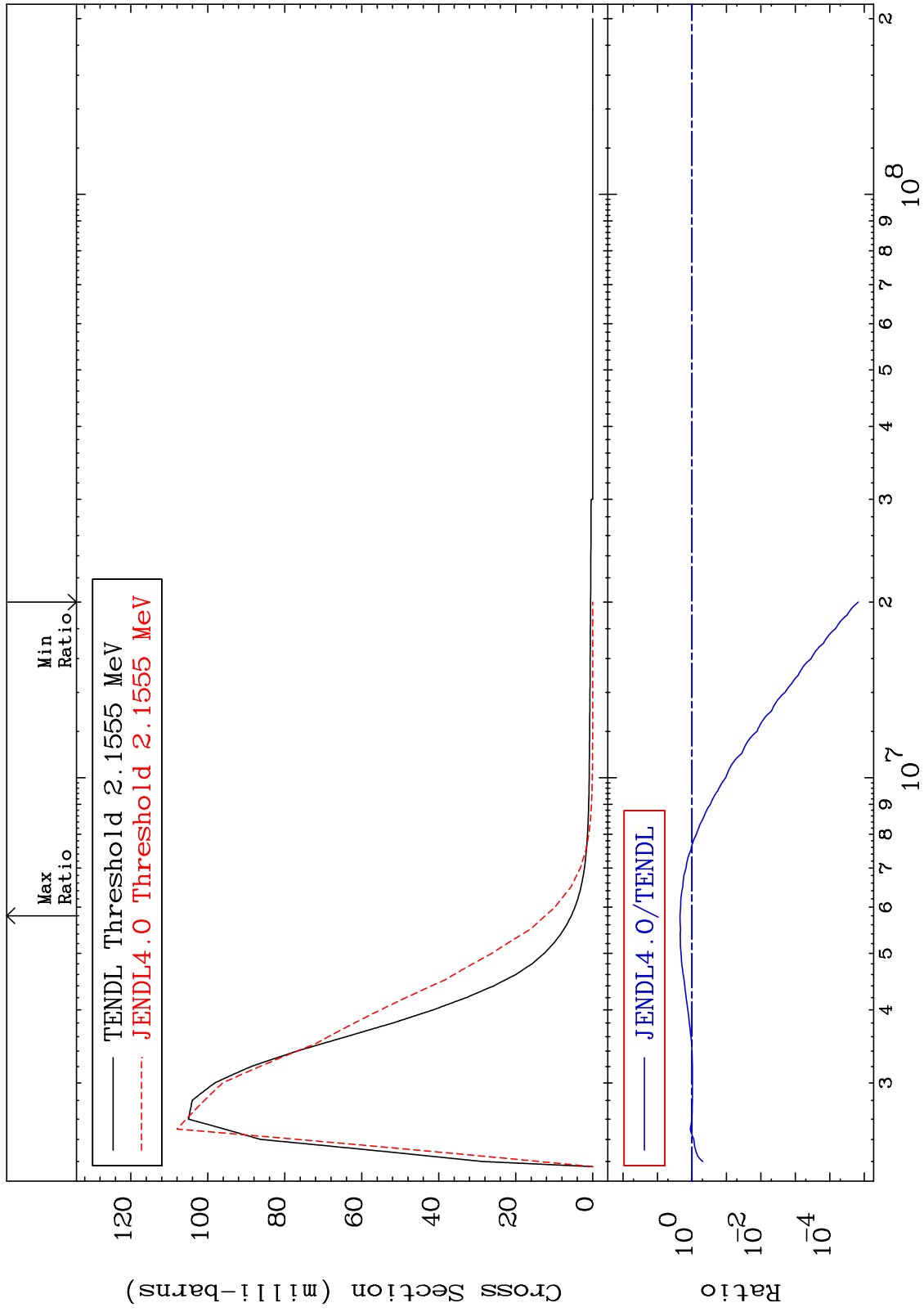
34-Se-76  
-100.0 To 139.8 %



MAT 3431

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

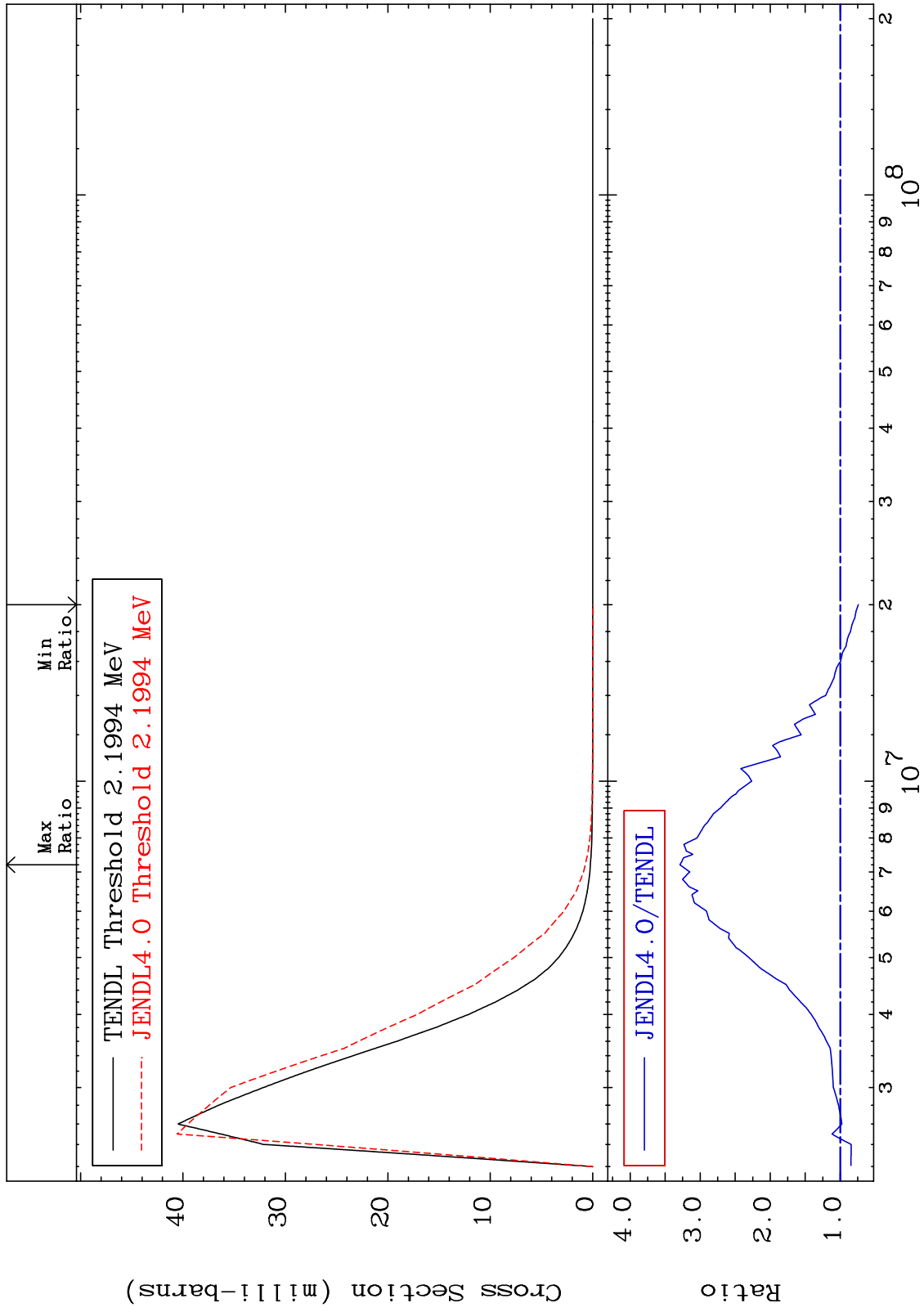
34-Se-76  
-100.0 To 122.4 %



MAT 3431

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

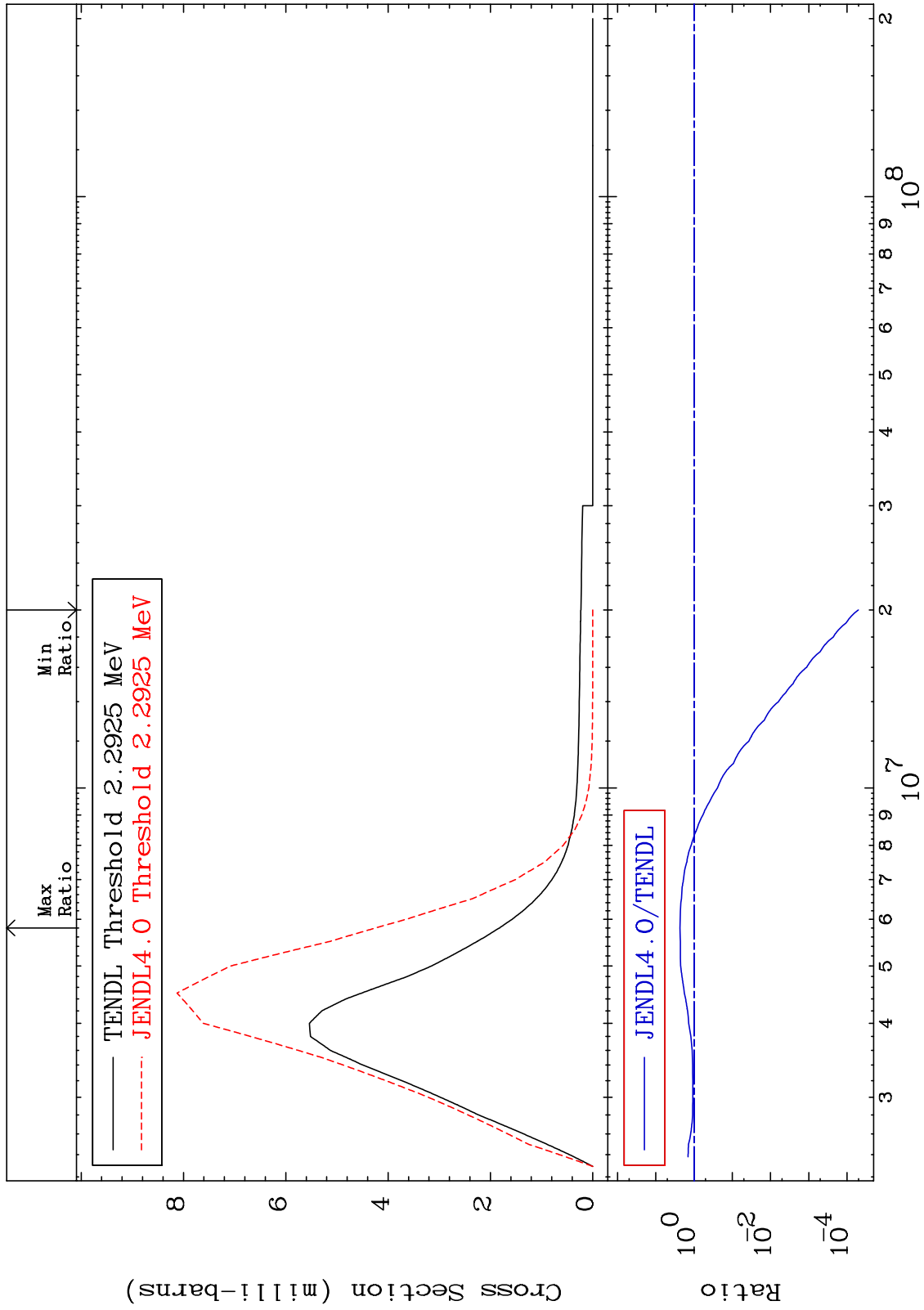
34-Se-76  
-25.93 To 228.8 %



MAT 3431

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

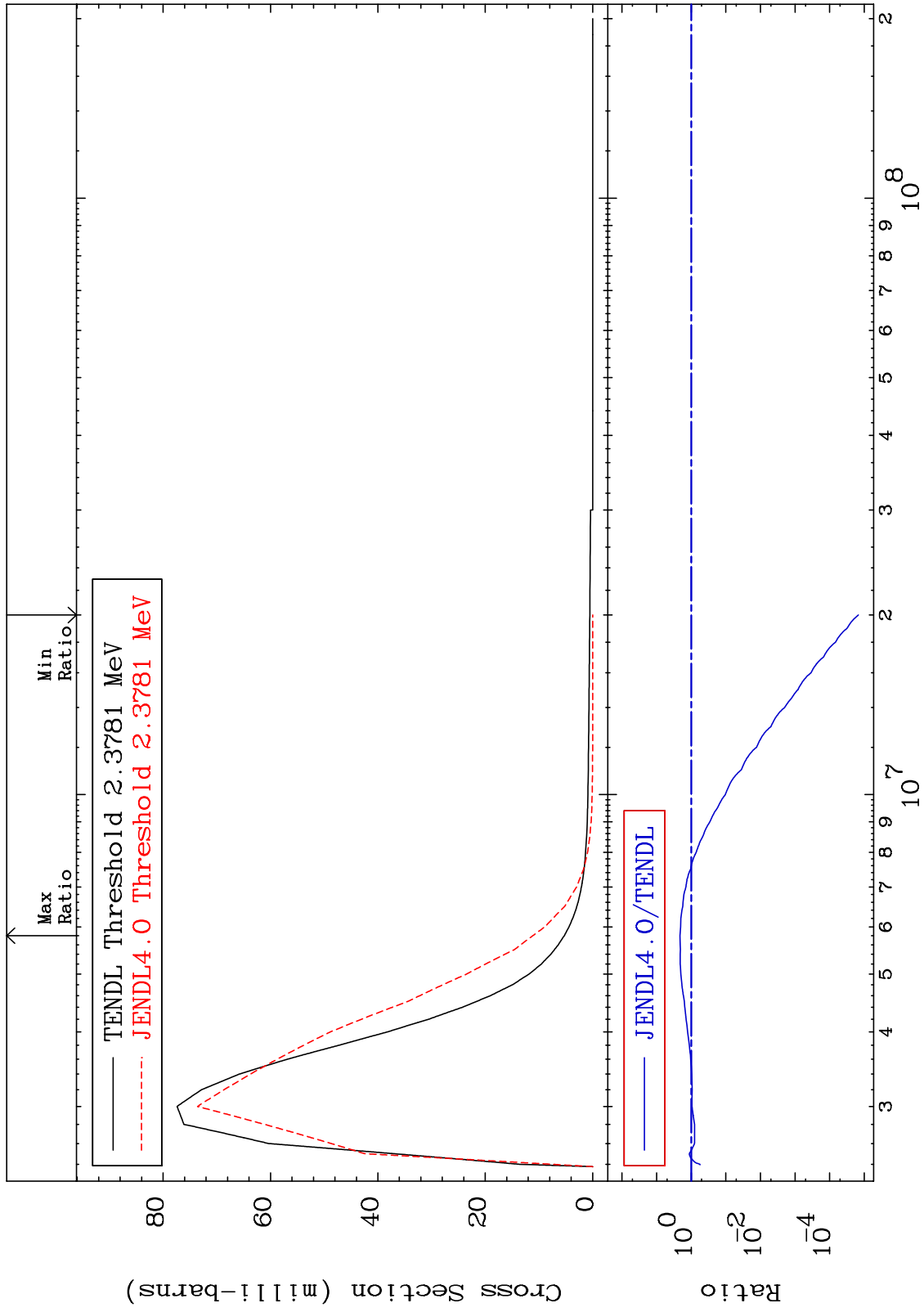
34-Se-76  
-99.99 To 132.8 %



MAT 3431

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

34-Se-76  
-100.0 To 110.8 %



20

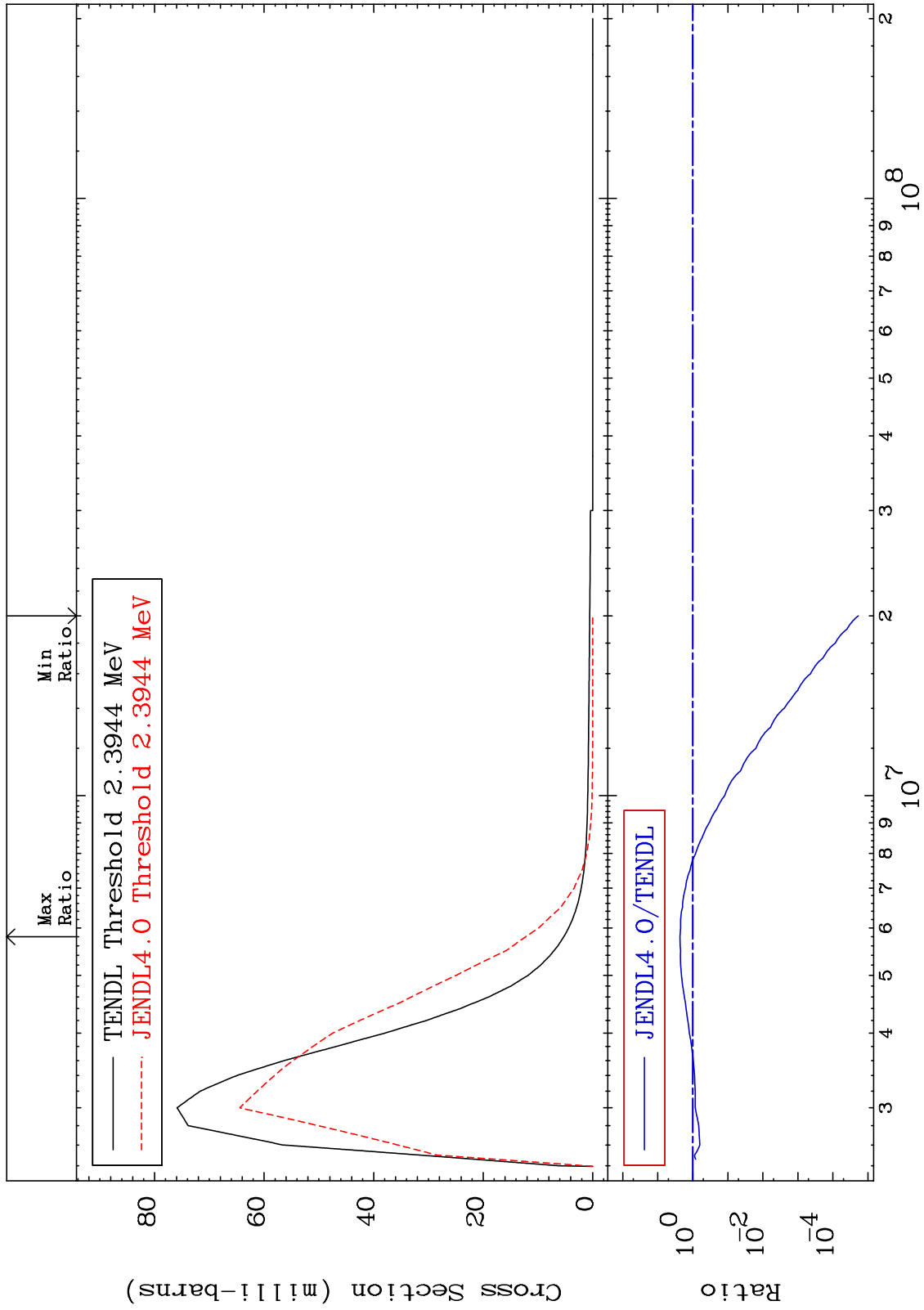
Incident Energy (eV)

34-Se-76

MAT 3431

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

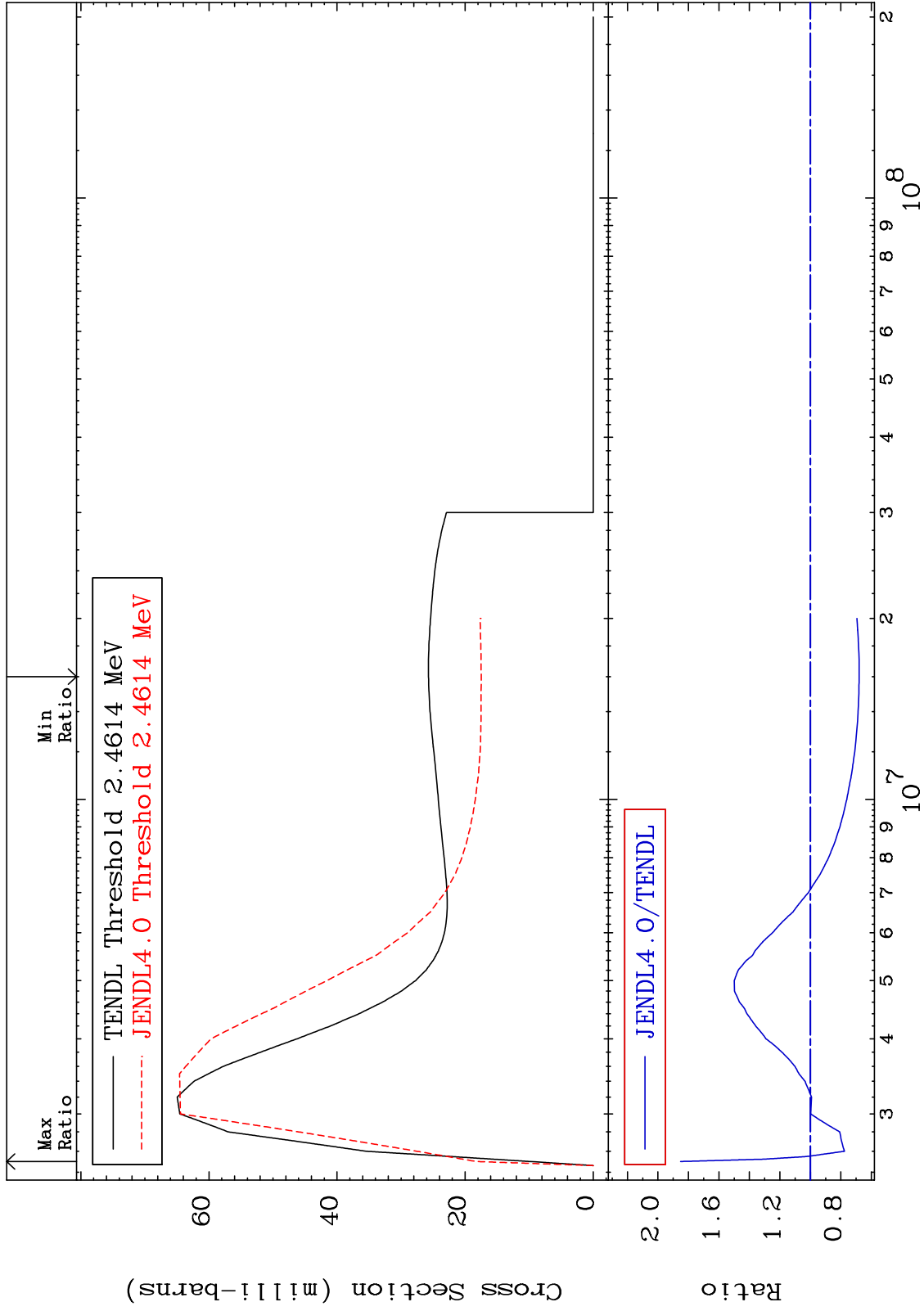
34-Se-76  
-100.0 To 132.2 %



MAT 3431

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

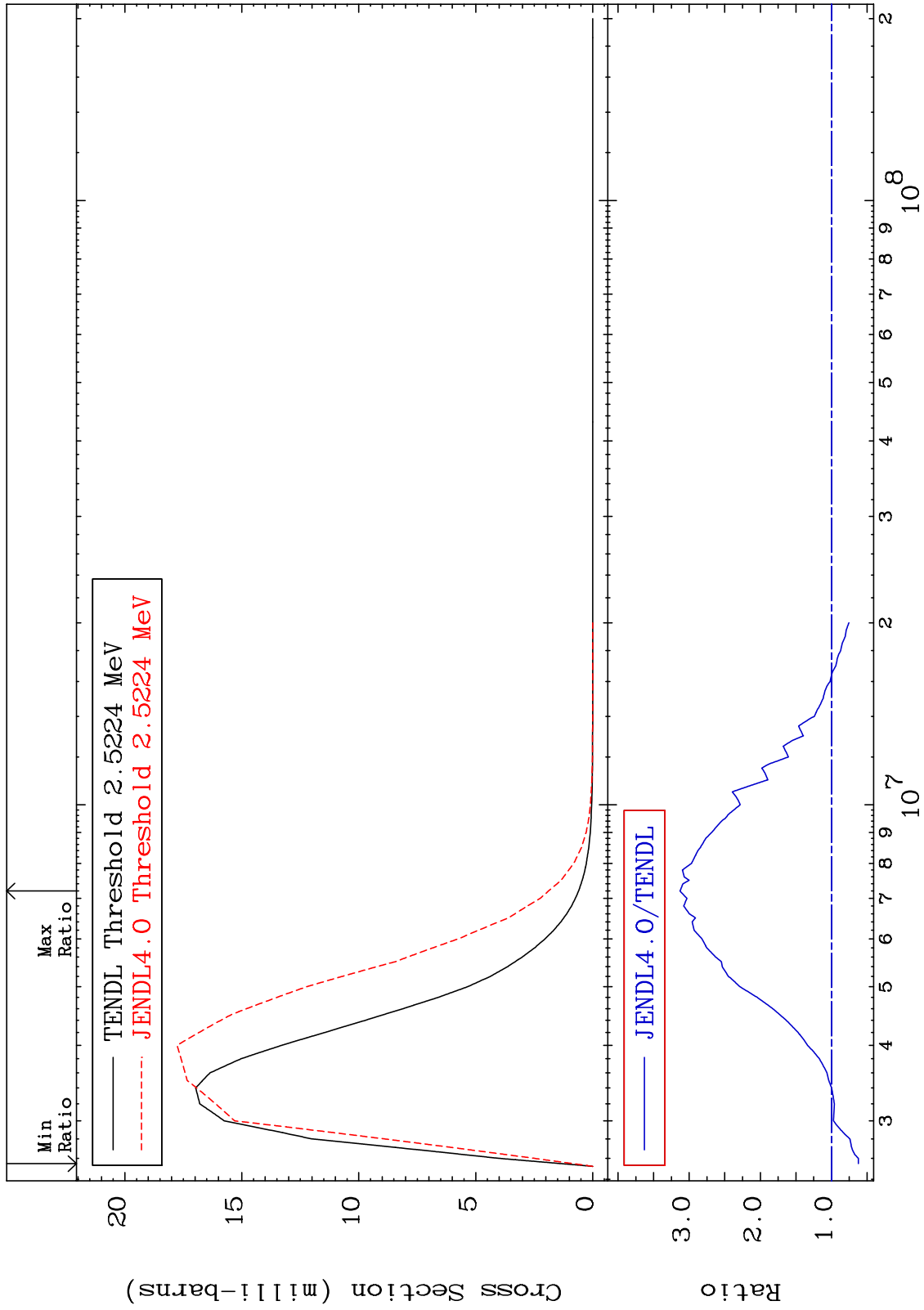
34-Se-76  
-31.99 To 85.12 %



MAT 3431

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

34-Se-76  
-37.81 To 212.9 %

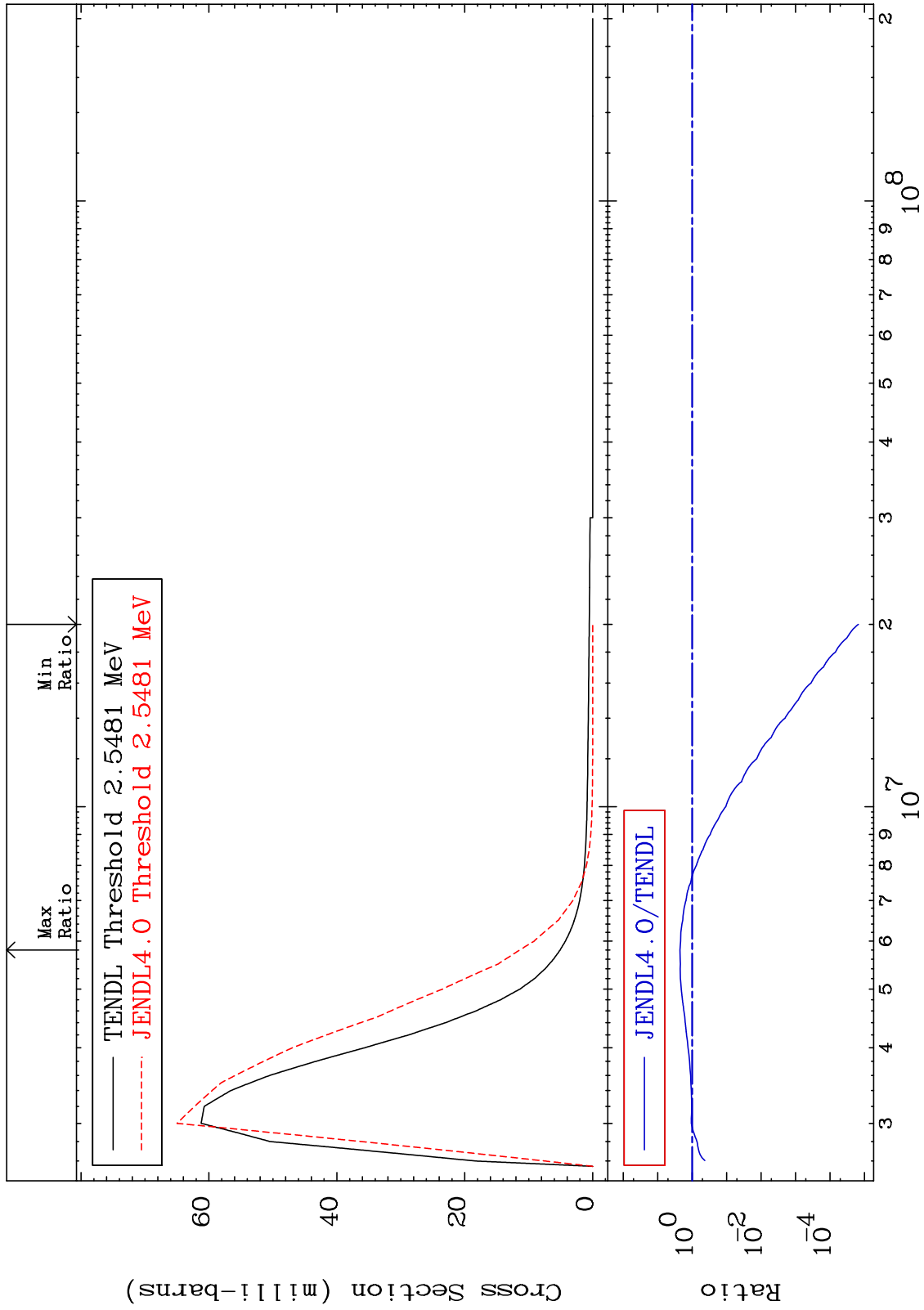




MAT 3431

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

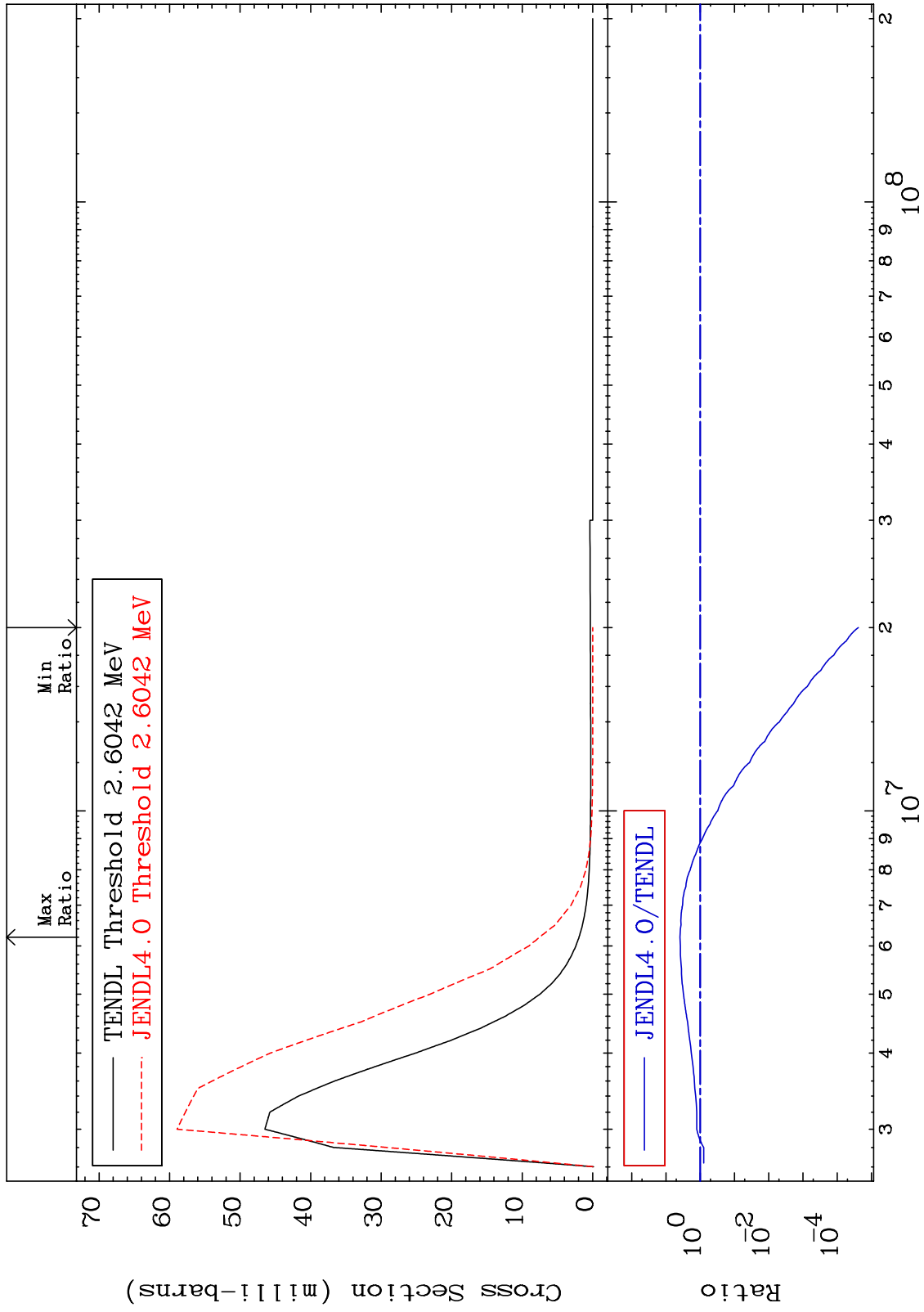
34-Se-76  
-100.0 To 124.1 %



MAT 3431

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

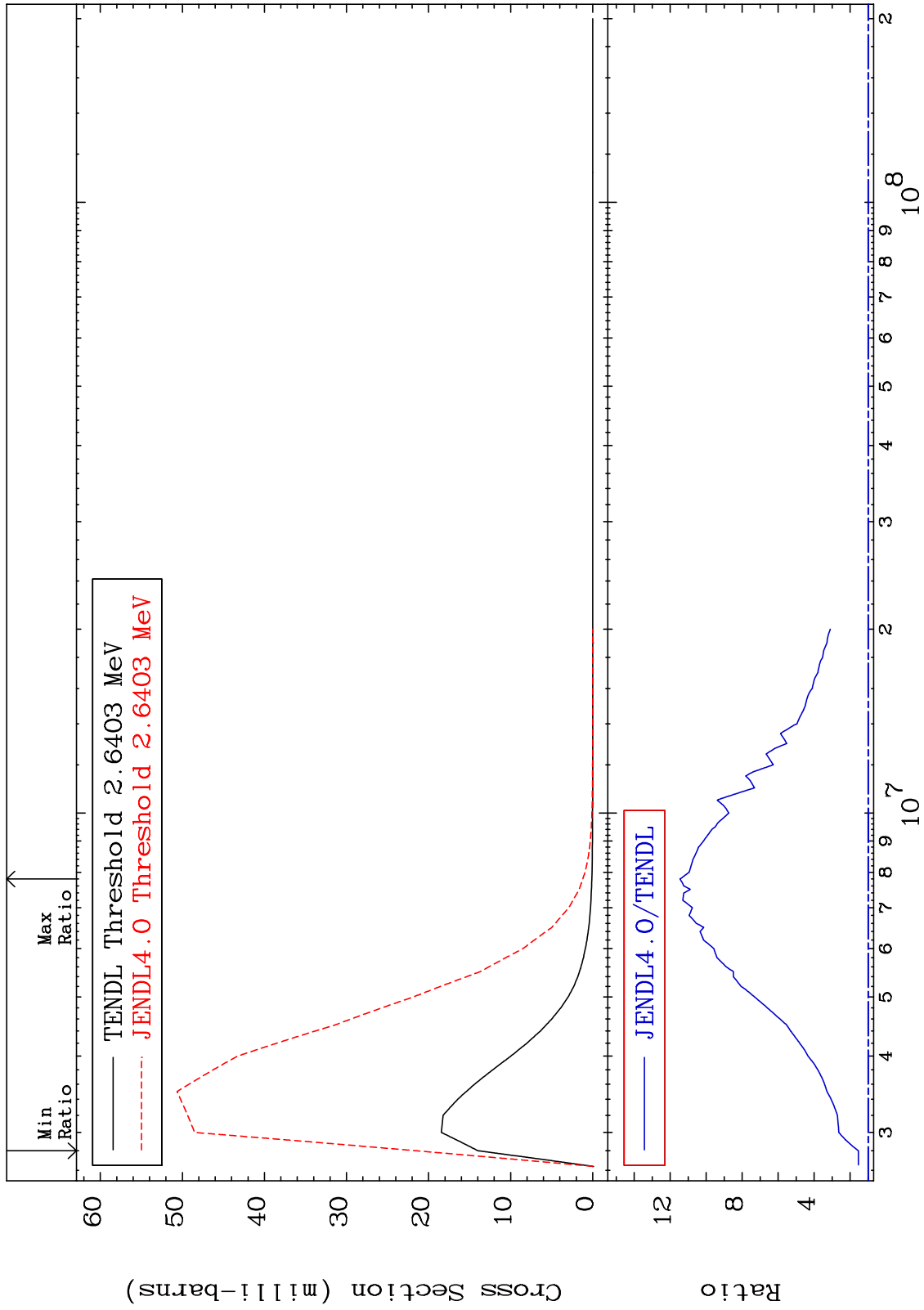
34-Se-76  
-100.0 To 288.7 %



MAT 3431

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

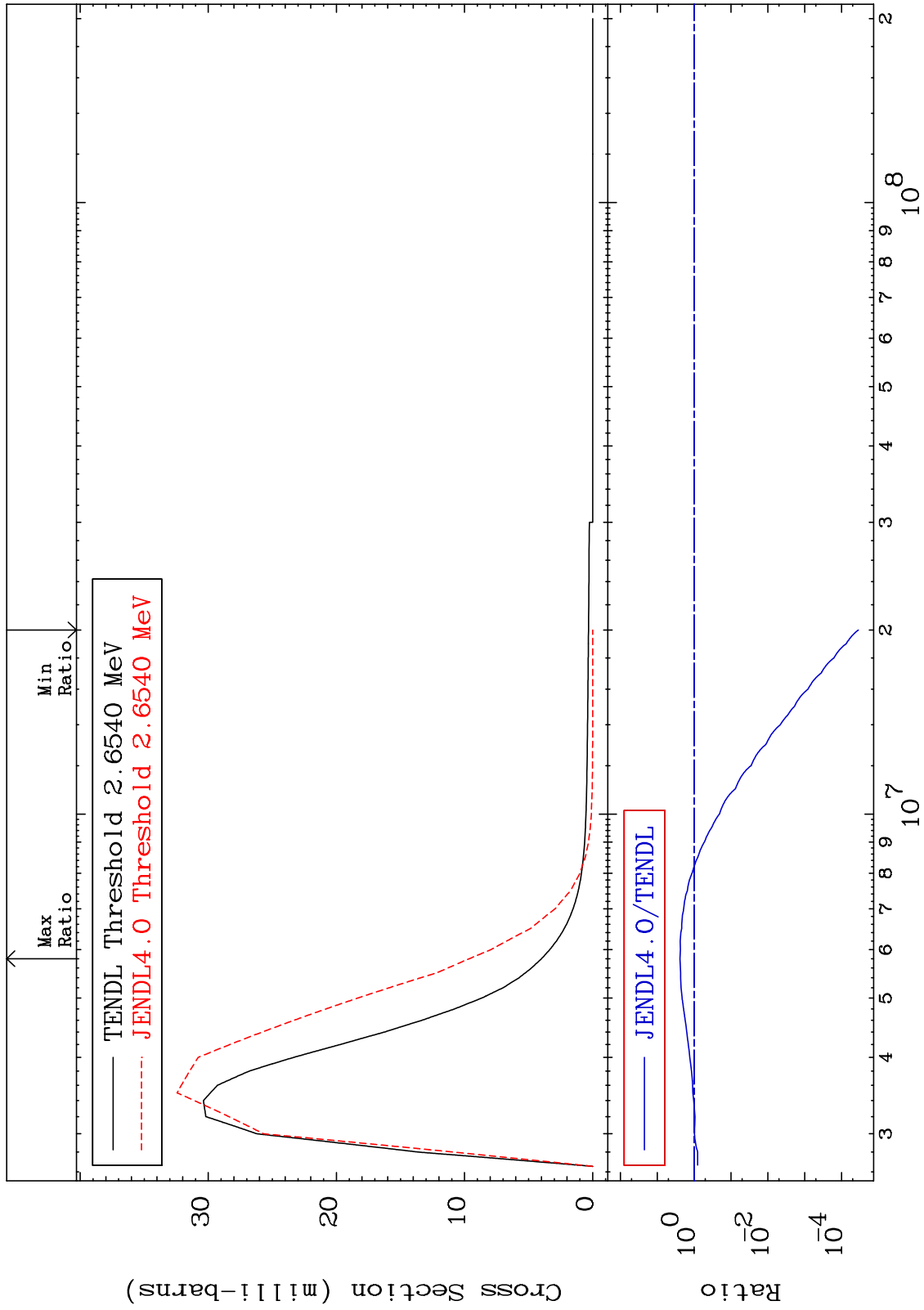
34-Se-76  
54.04 To 1046. %



MAT 3431

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

34-Se-76  
-100.0 To 141.3 %



27

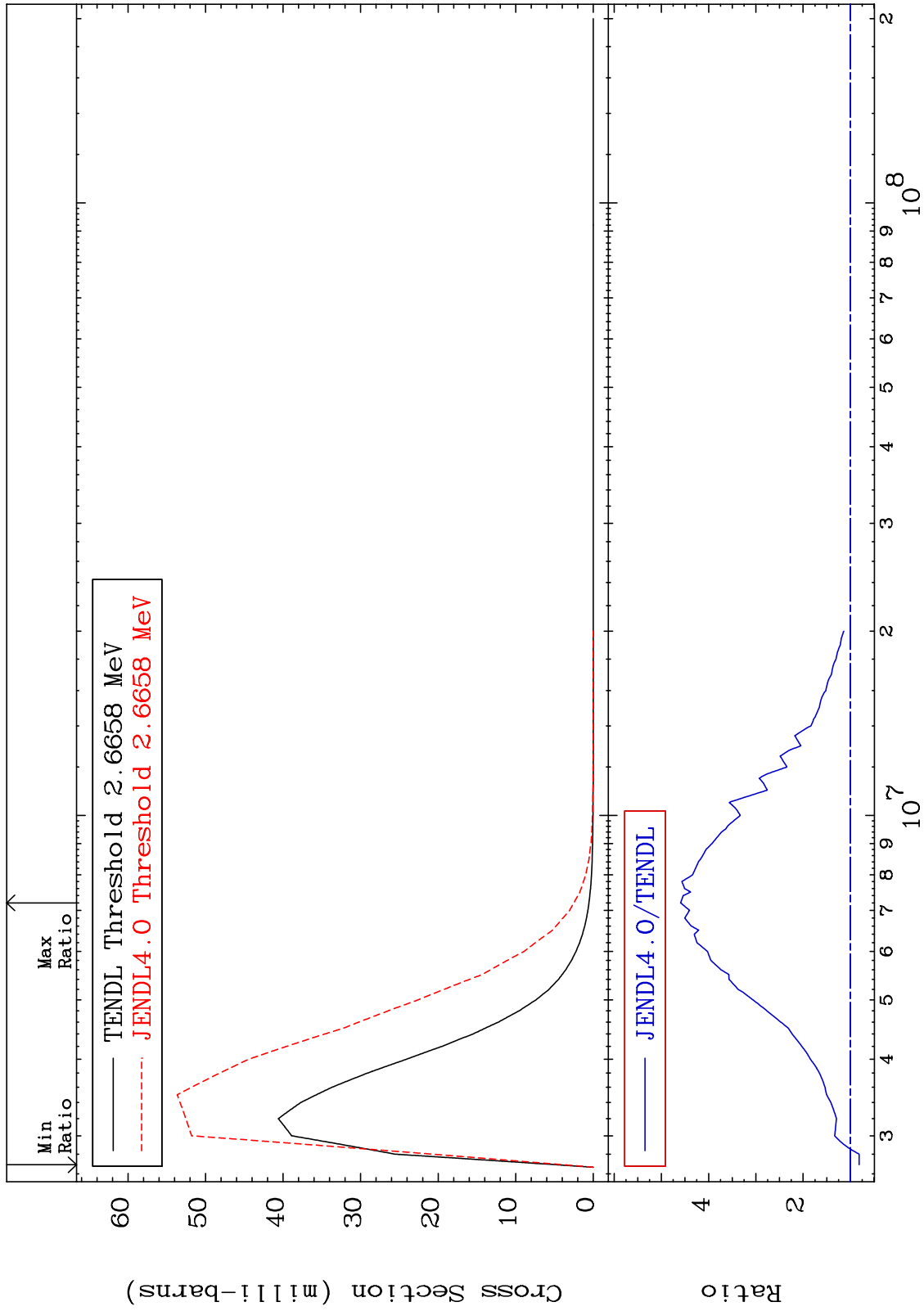
Incident Energy (eV)

34-Se-76

MAT 3431

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

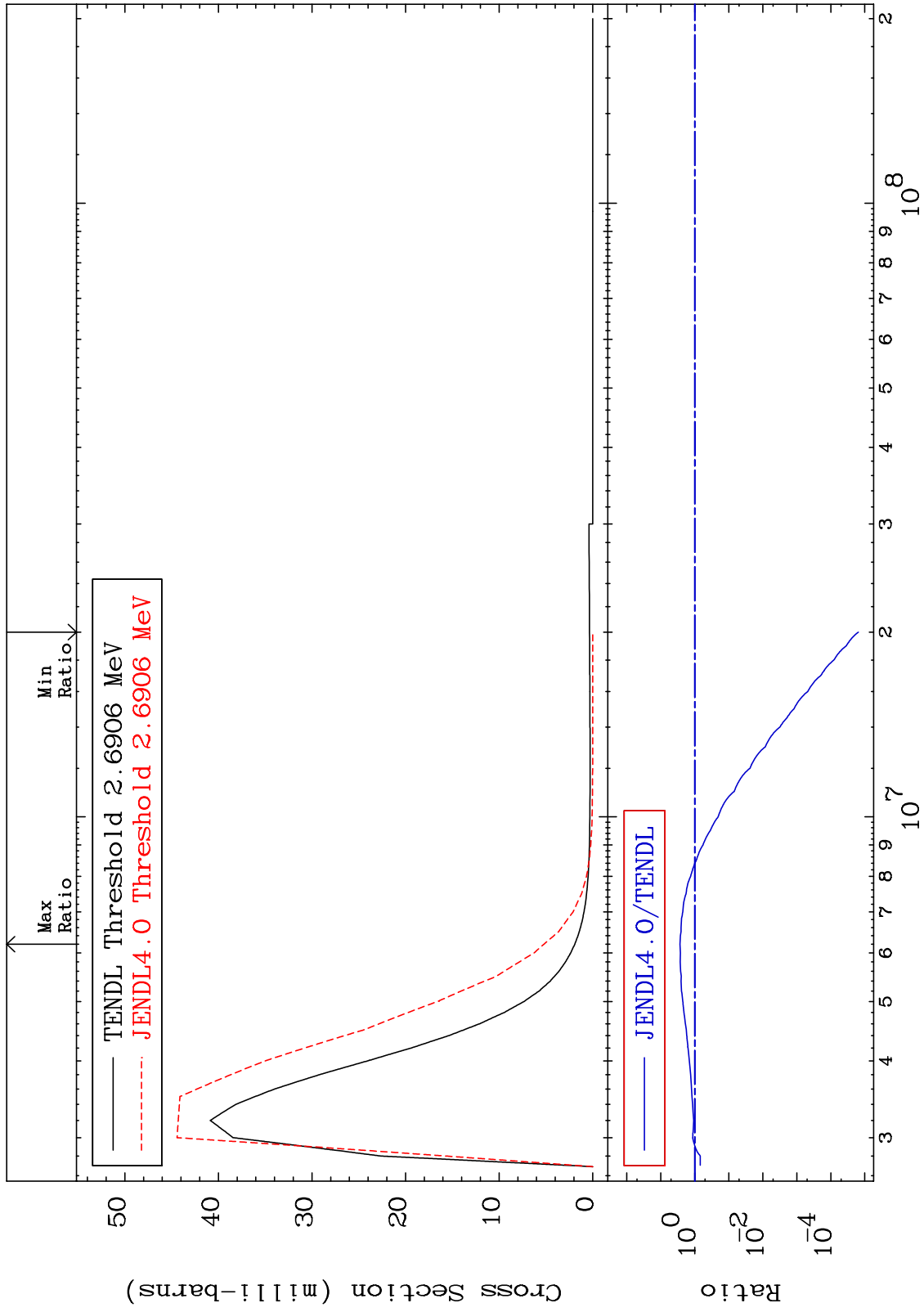
34-Se-76  
-18.62 To 359.2 %



MAT 3431

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

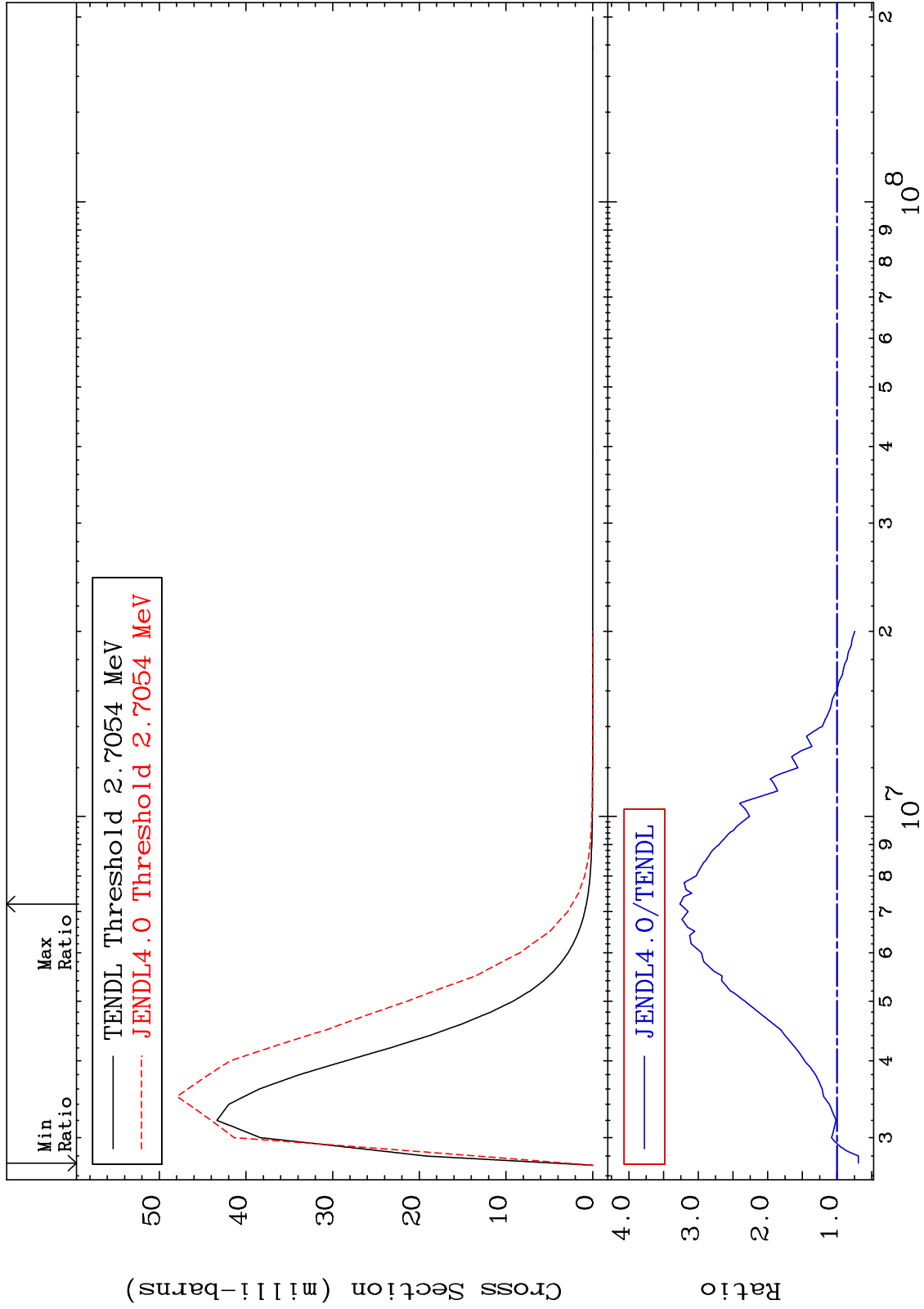
34-Se-76  
-100.0 To 172.4 %



MAT 3431

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

34-Se-76  
-30.81 To 226.2 %



JENDL4.0/TENDL

30

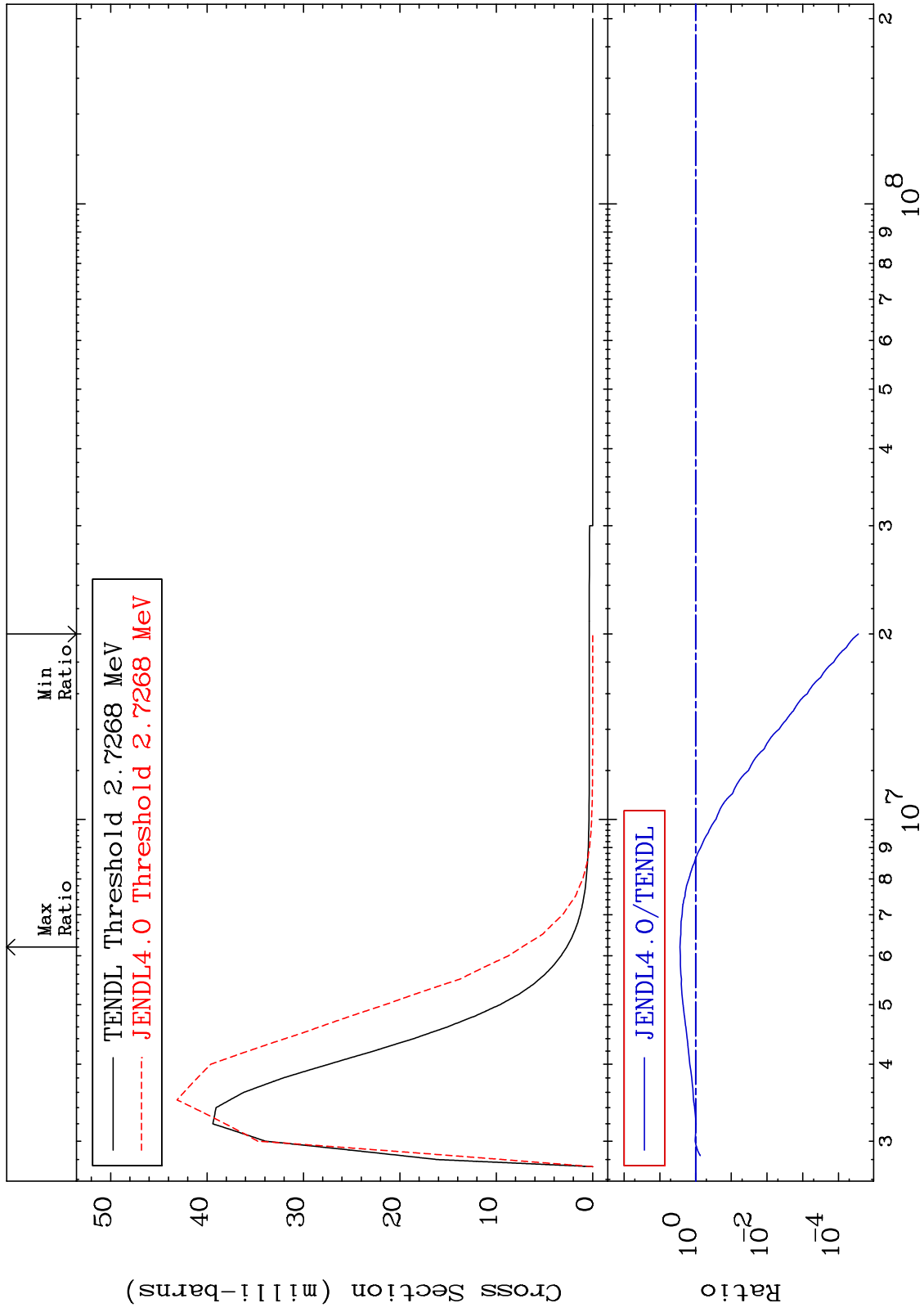
Incident Energy (eV)

34-Se-76

MAT 3431

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

34-Se-76  
-100.0 To 172.3 %

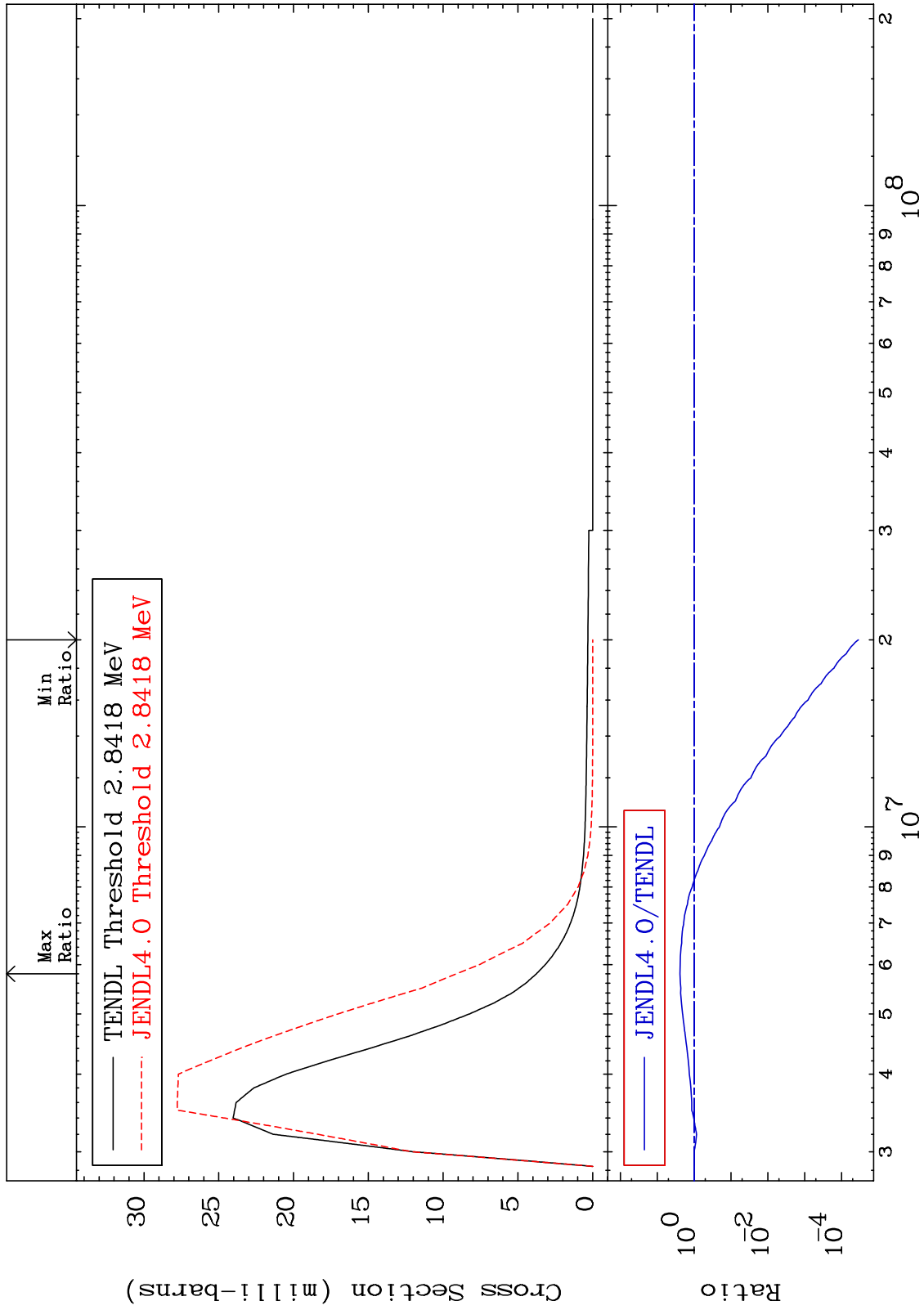




MAT 3431

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

34-Se-76  
-100.0 To 142.5 %



32

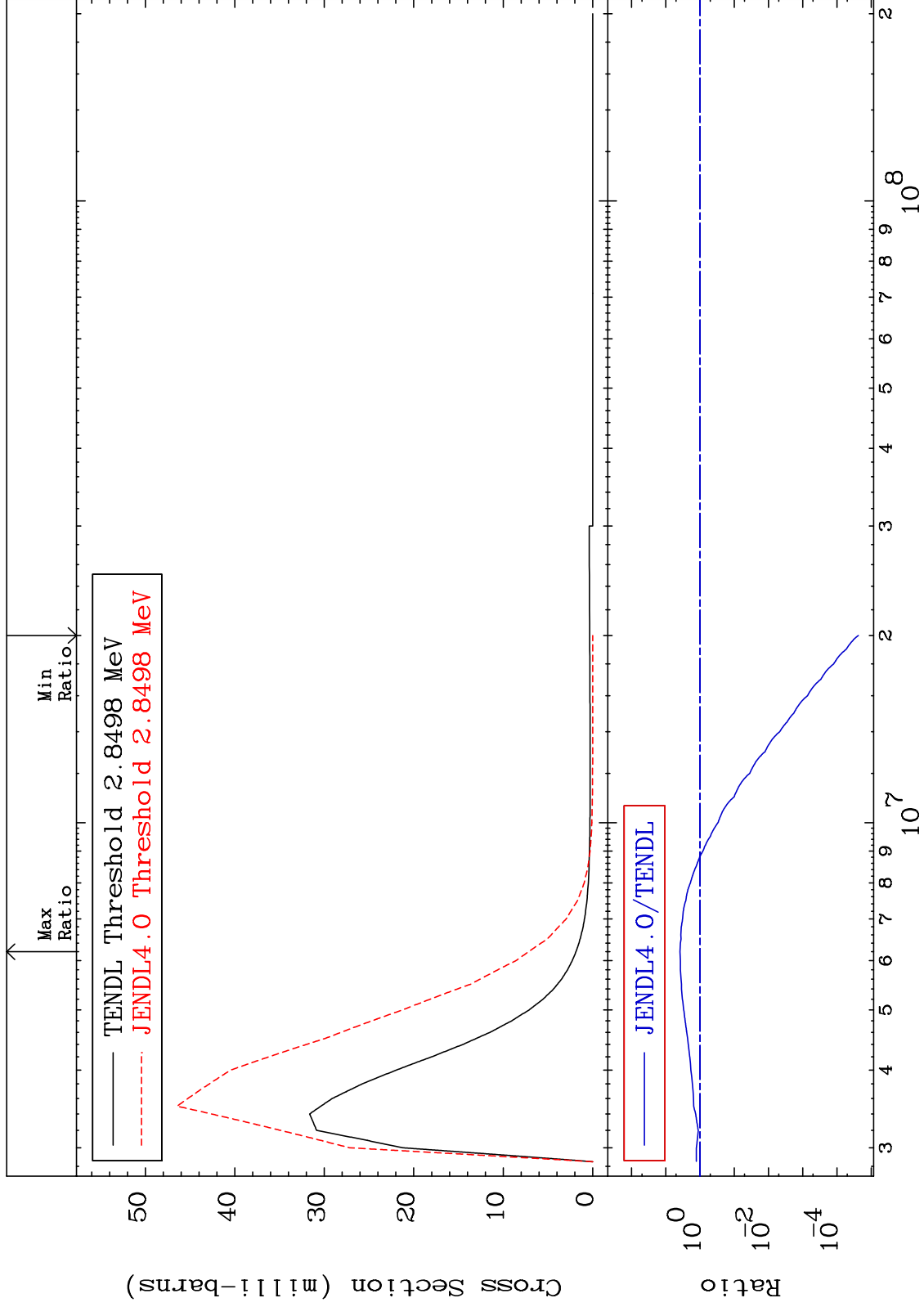
Incident Energy (eV)

34-Se-76

MAT 3431

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

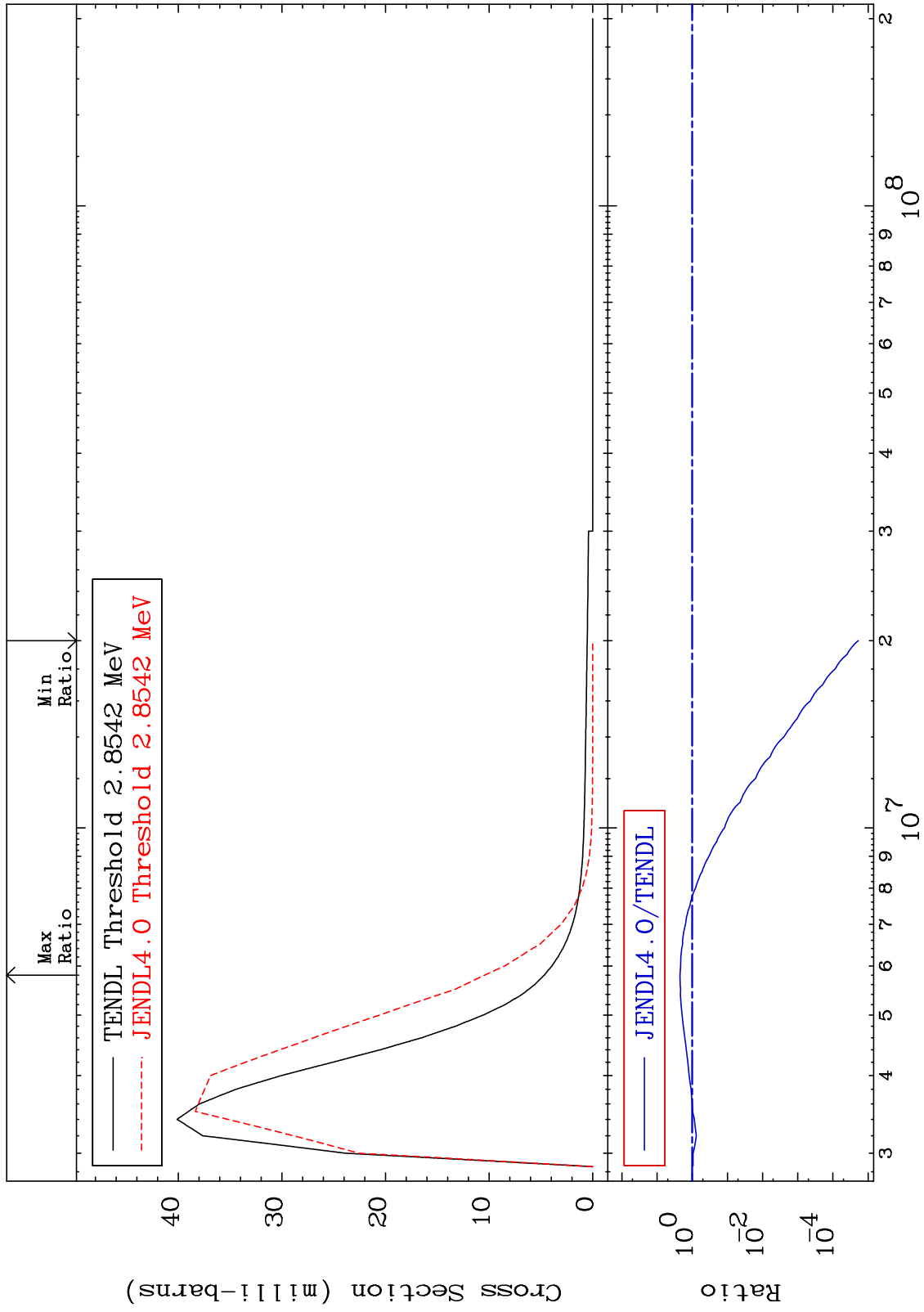
34-Se-76  
-100.0 To 284.8 %



MAT 3431

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

34-Se-76  
-100.0 To 122.9 %



34

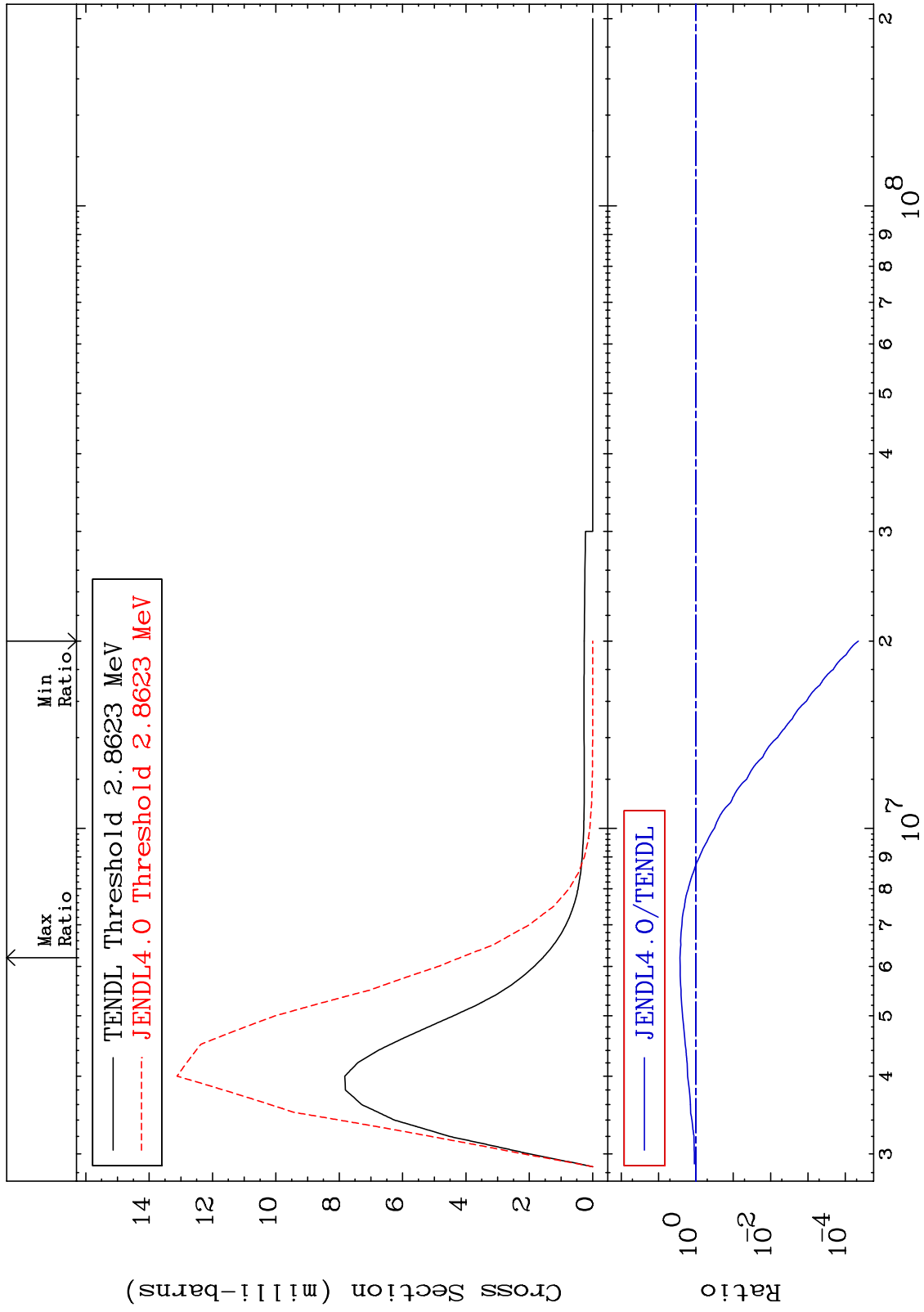
Incident Energy (eV)

34-Se-76

MAT 3431

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

34-Se-76  
-100.0 To 166.4 %



35

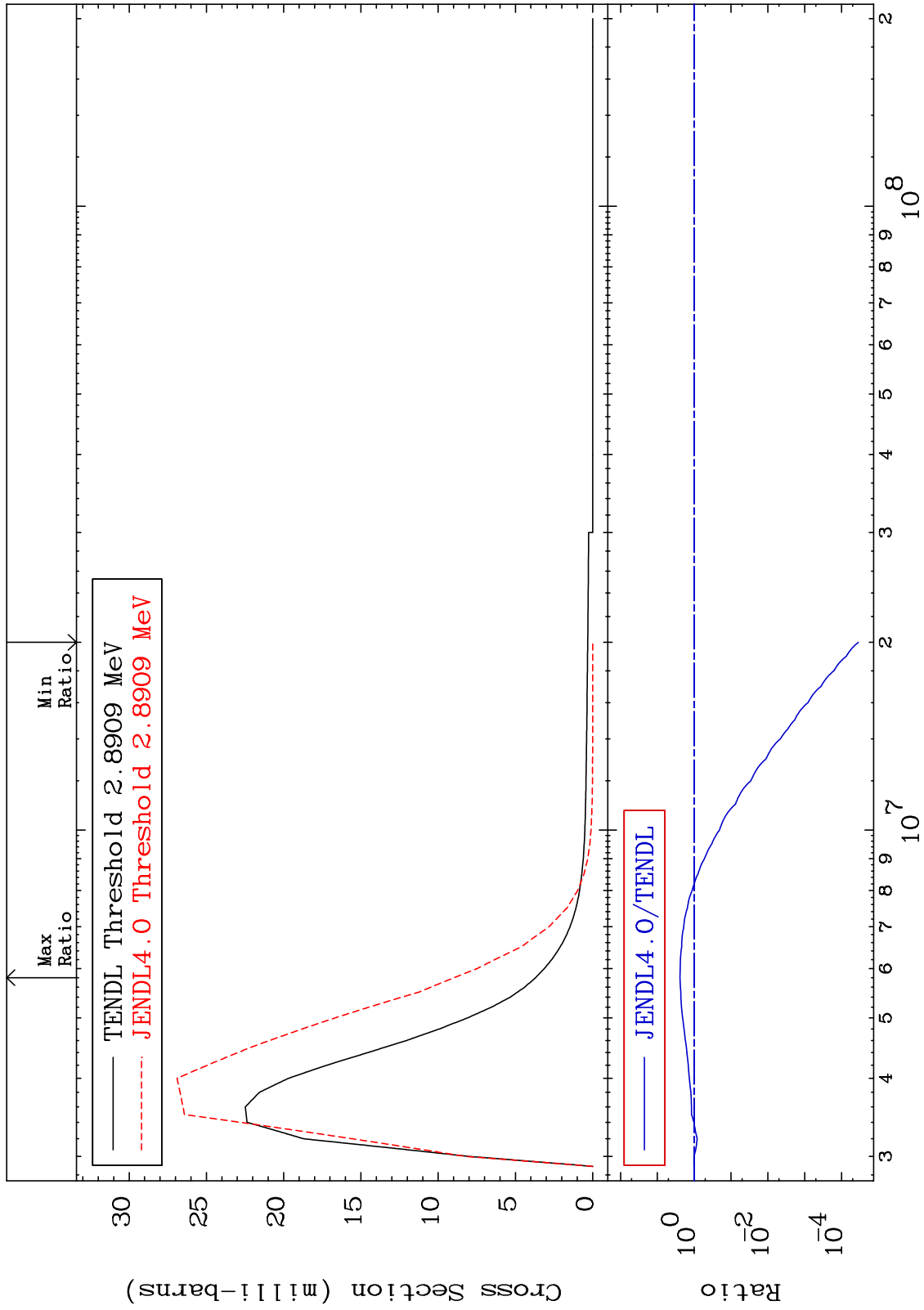
34-Se-76

34-Se-76

MAT 3431

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

34-Se-76  
-100.0 To 142.9 %



36

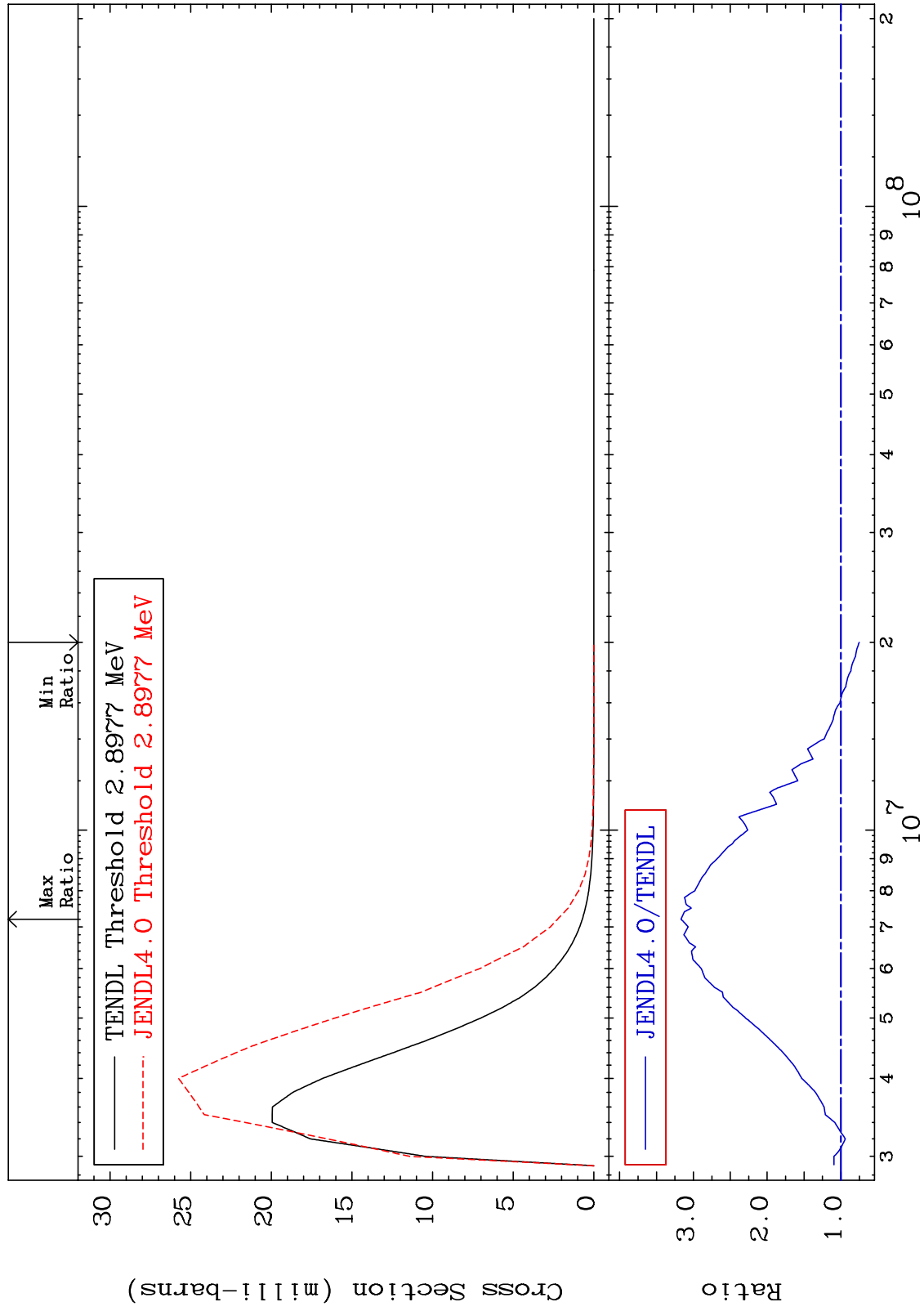
34-Se-76

34-Se-76

MAT 3431

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

34-Se-76  
-24.87 To 216.7 %



37

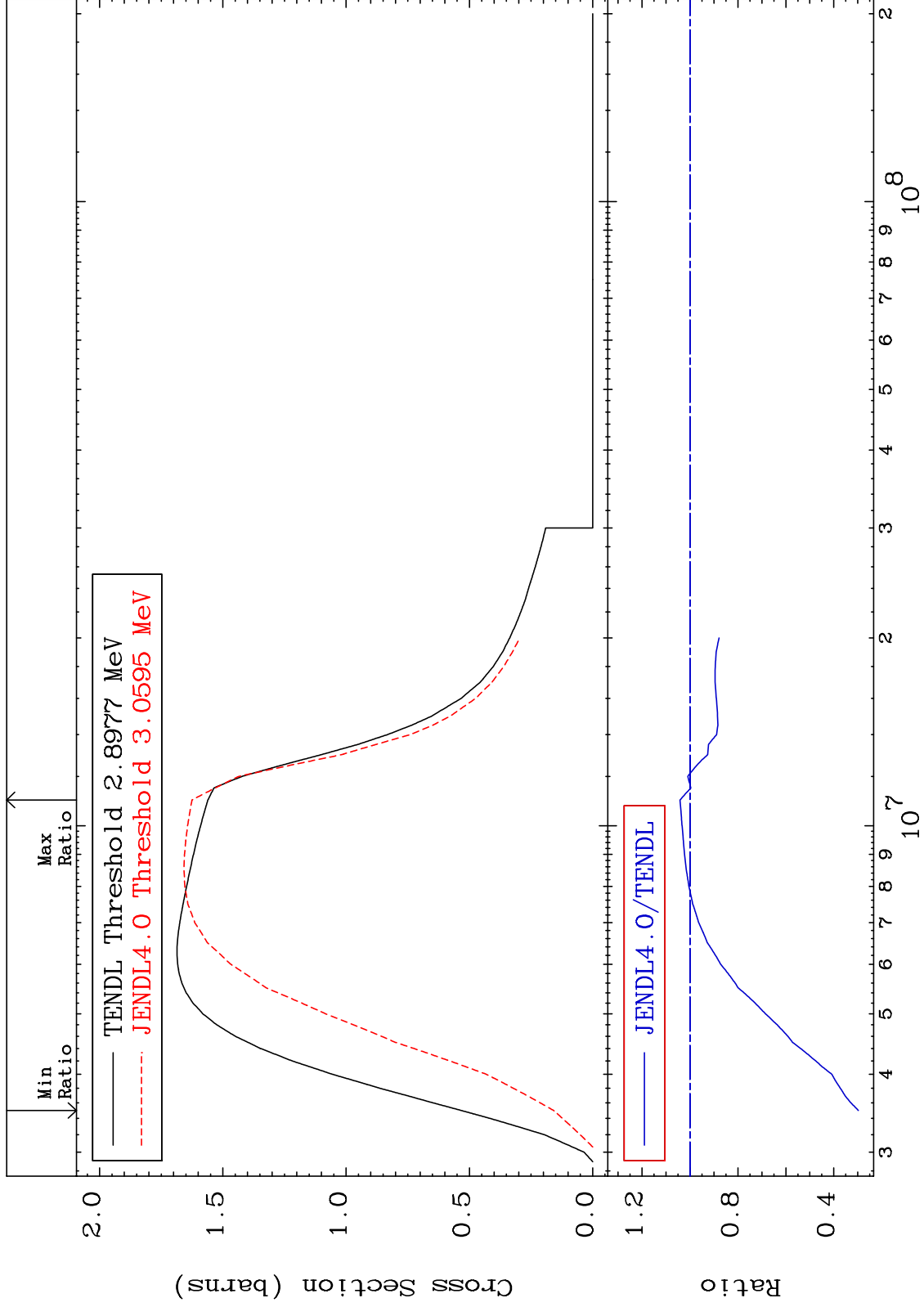
Incident Energy (eV)

34-Se-76

MAT 3431

(n, n') Continuum  
Cross Section

34-Se-76  
-70.26 To 4.144 %



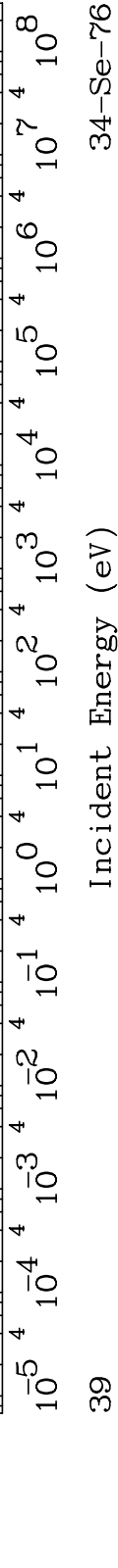
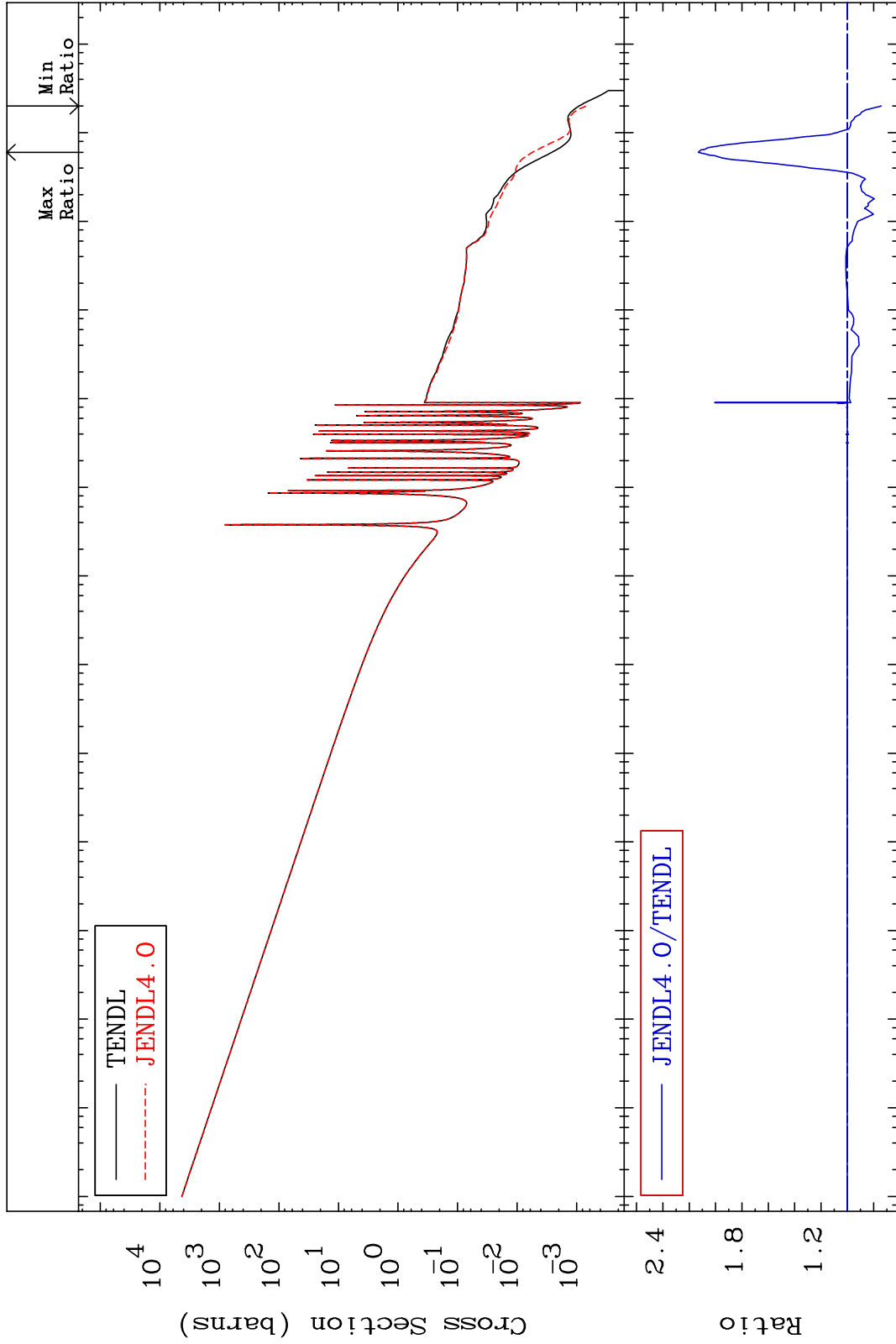
MAT 3431

(n,  $\gamma$ )

<sup>34</sup>Se-76

Cross Section

-25.97 To 113.1 %



39

<sup>34</sup>Se-76



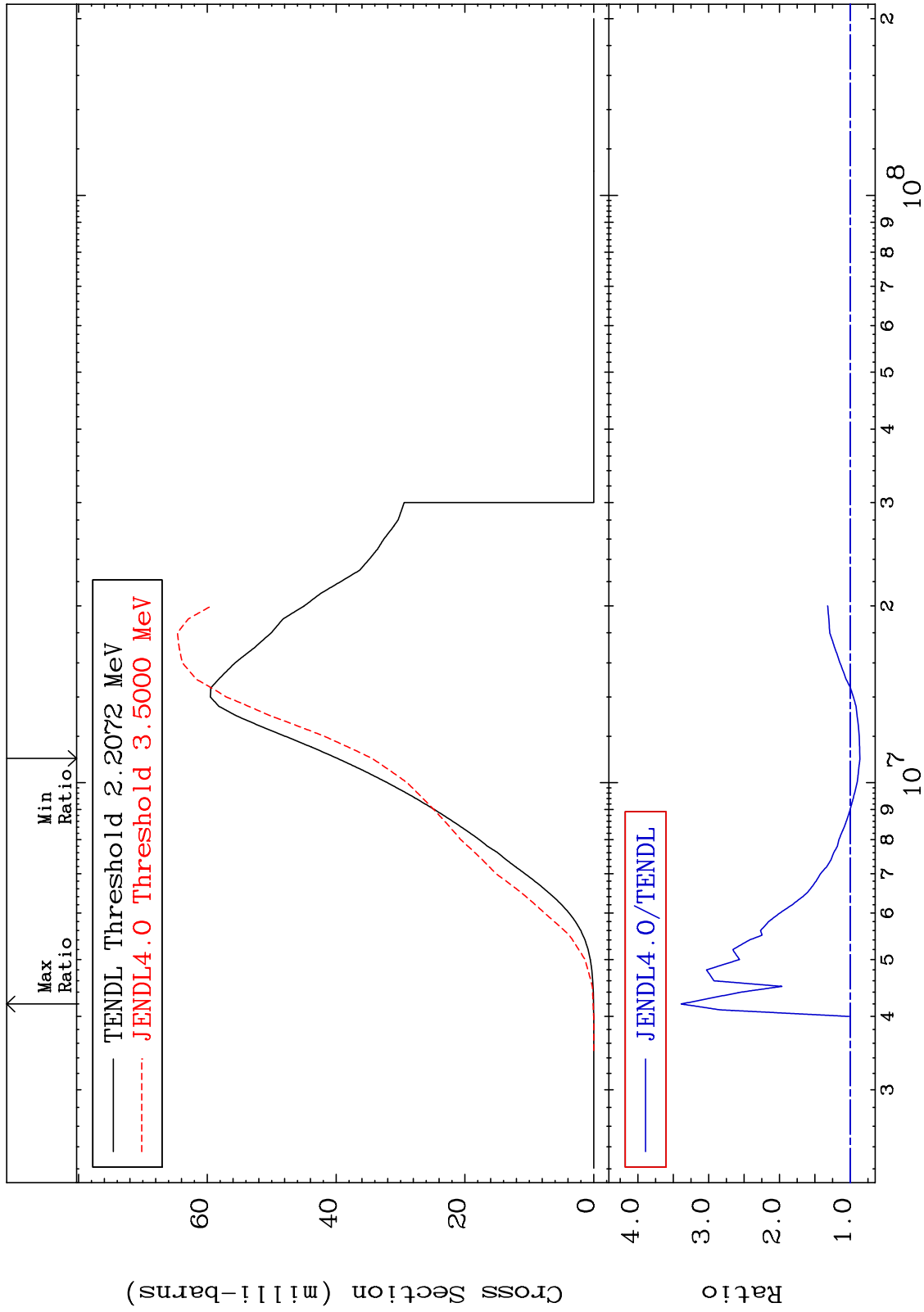
MAT 3431

(n,p)

<sup>34</sup>Se-76

Cross Section

-13.52 To 238.9 %



40

Incident Energy (eV)

<sup>34</sup>Se-76

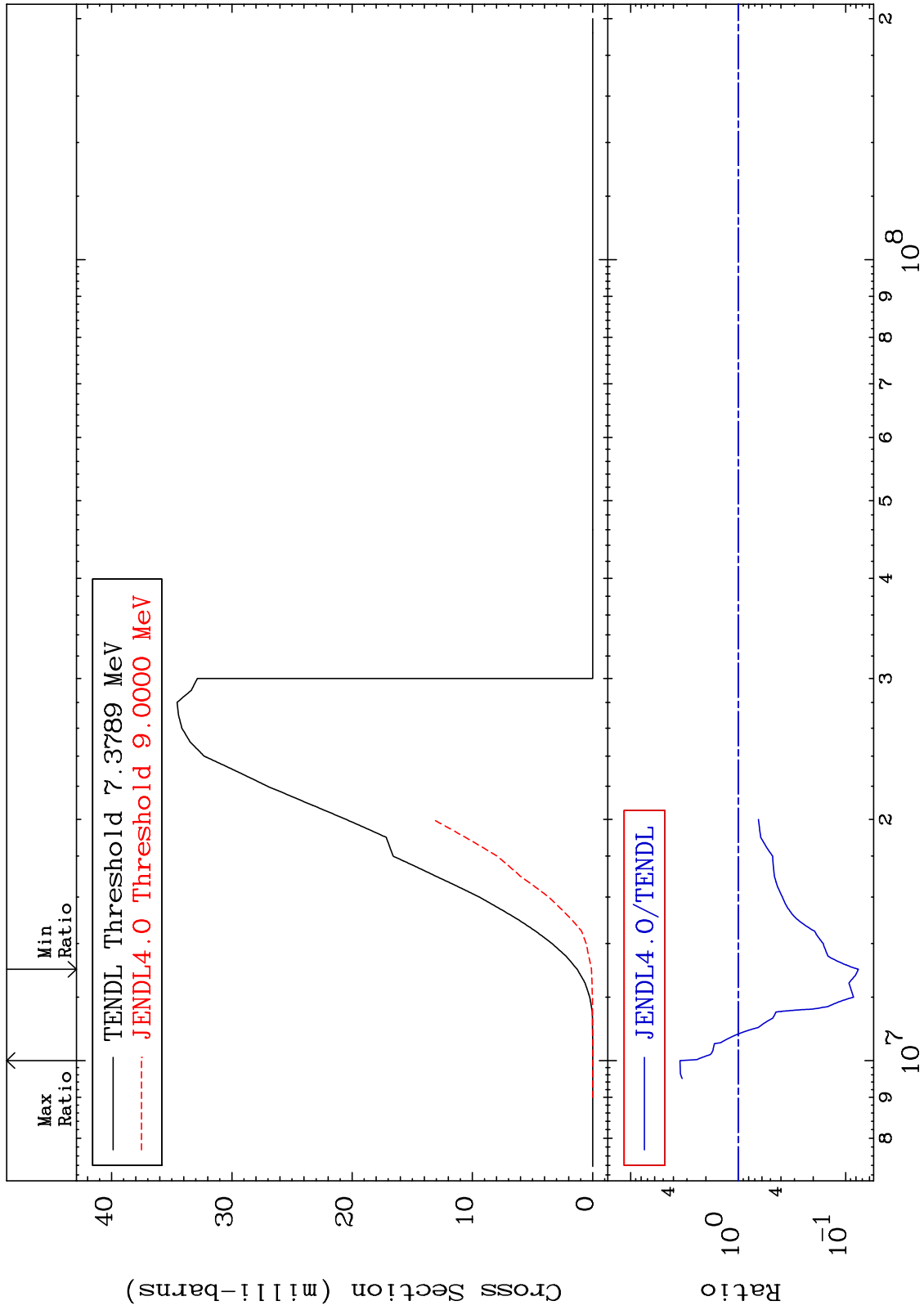
MAT 3431

(n,d)

<sup>34</sup>Se-76

Cross Section

-92.39 To 247.6 %



41

Incident Energy (eV)

<sup>34</sup>Se-76

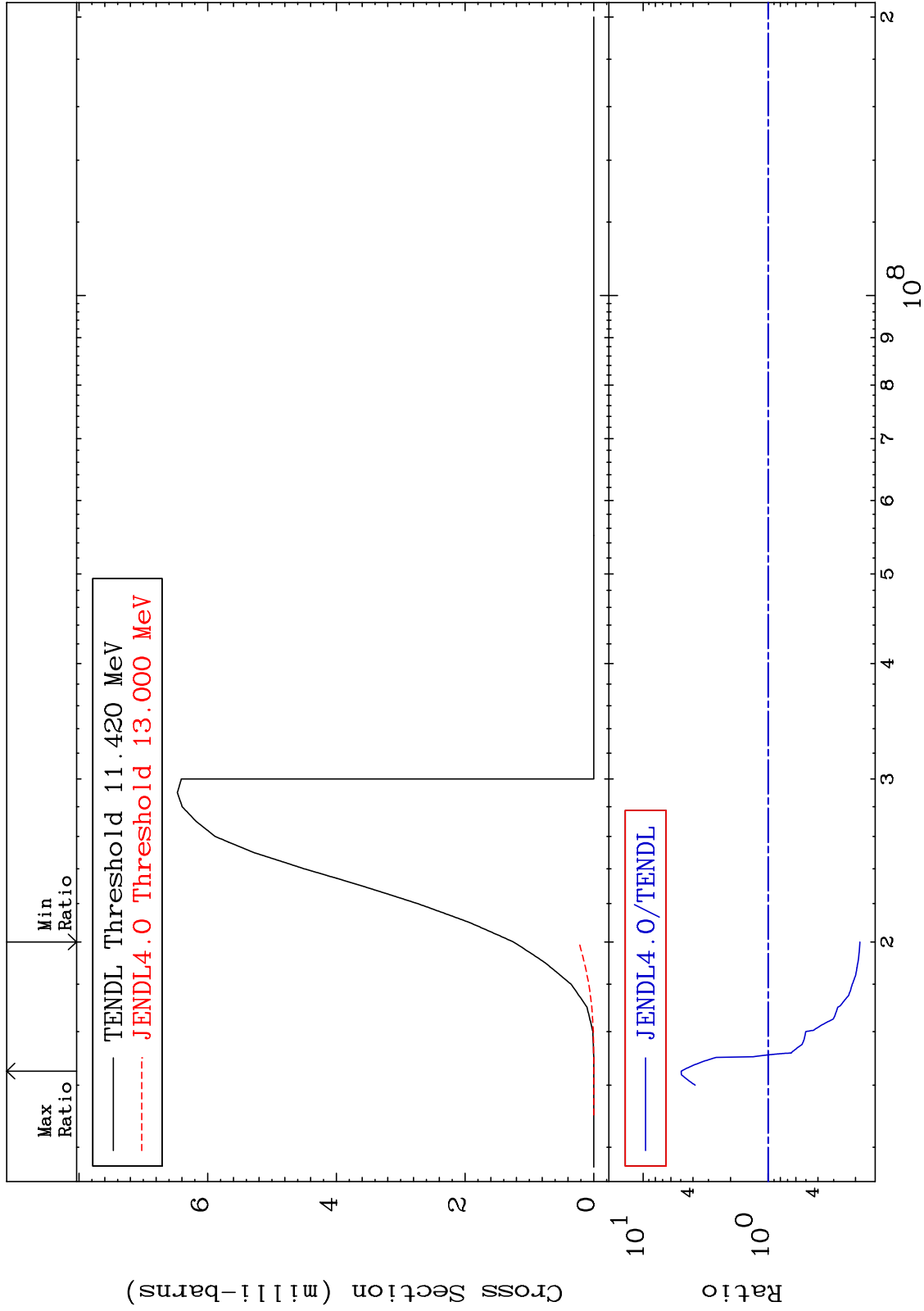
MAT 3431

(n, t)

<sup>34</sup>Se-76

Cross Section

-81.54 To 396.1 %



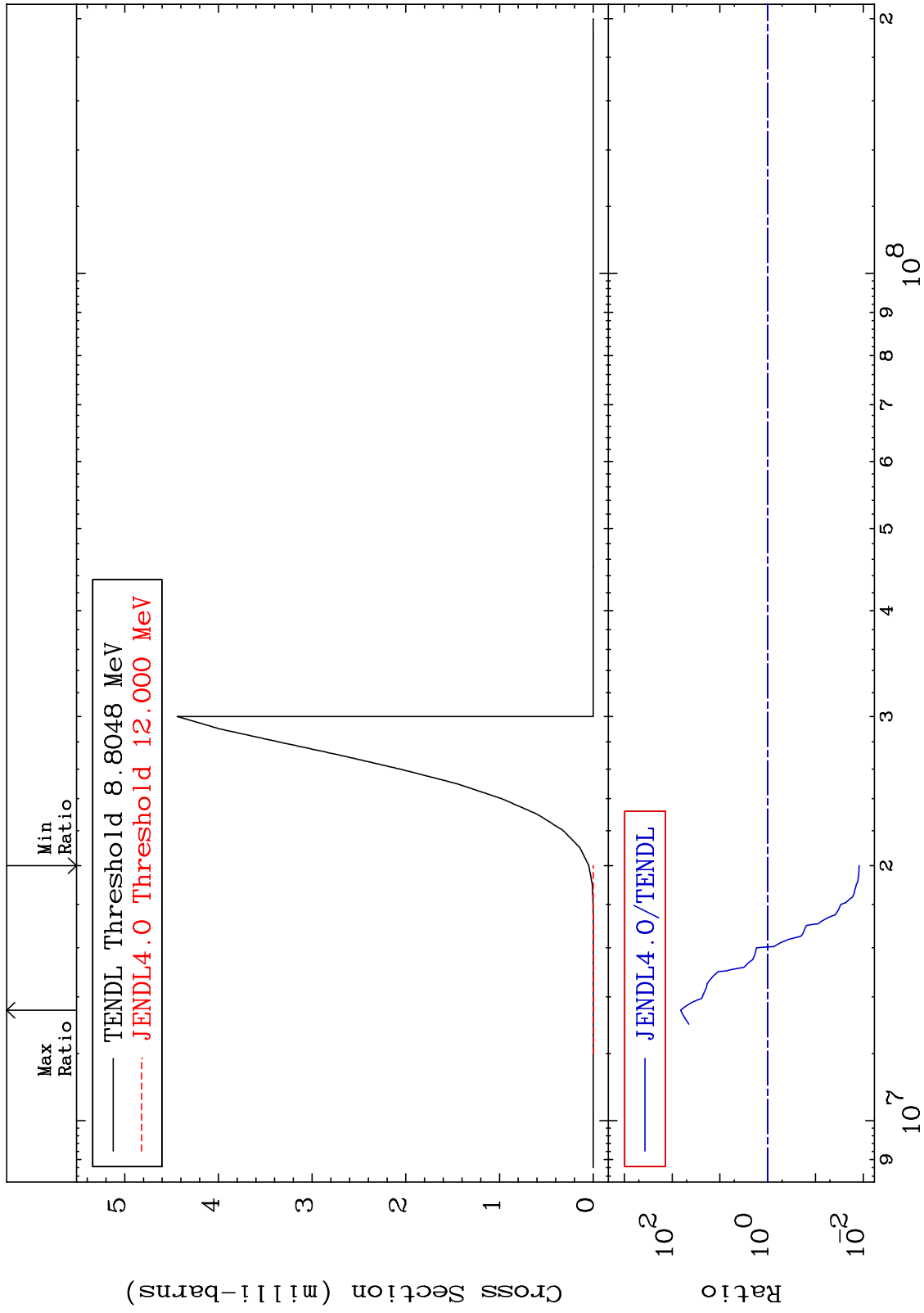
MAT 3431

(n, He-3)

34-Se-76

Cross Section

-98.78 To 6558. %



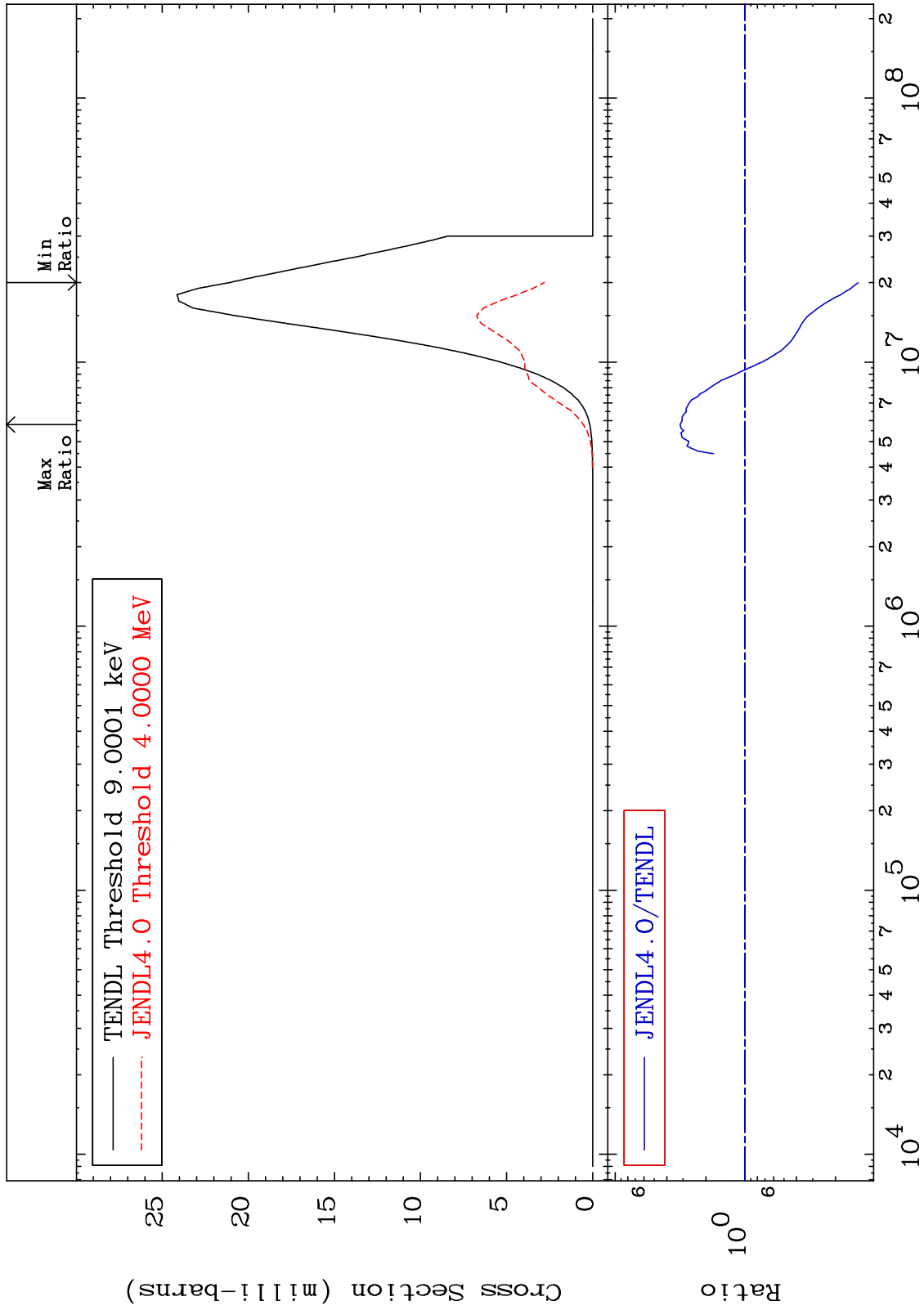
MAT 3431

(n,  $\alpha$ )

<sup>34</sup>Se-76

Cross Section

-86.68 To 216.4 %



<sup>34</sup>Se-76

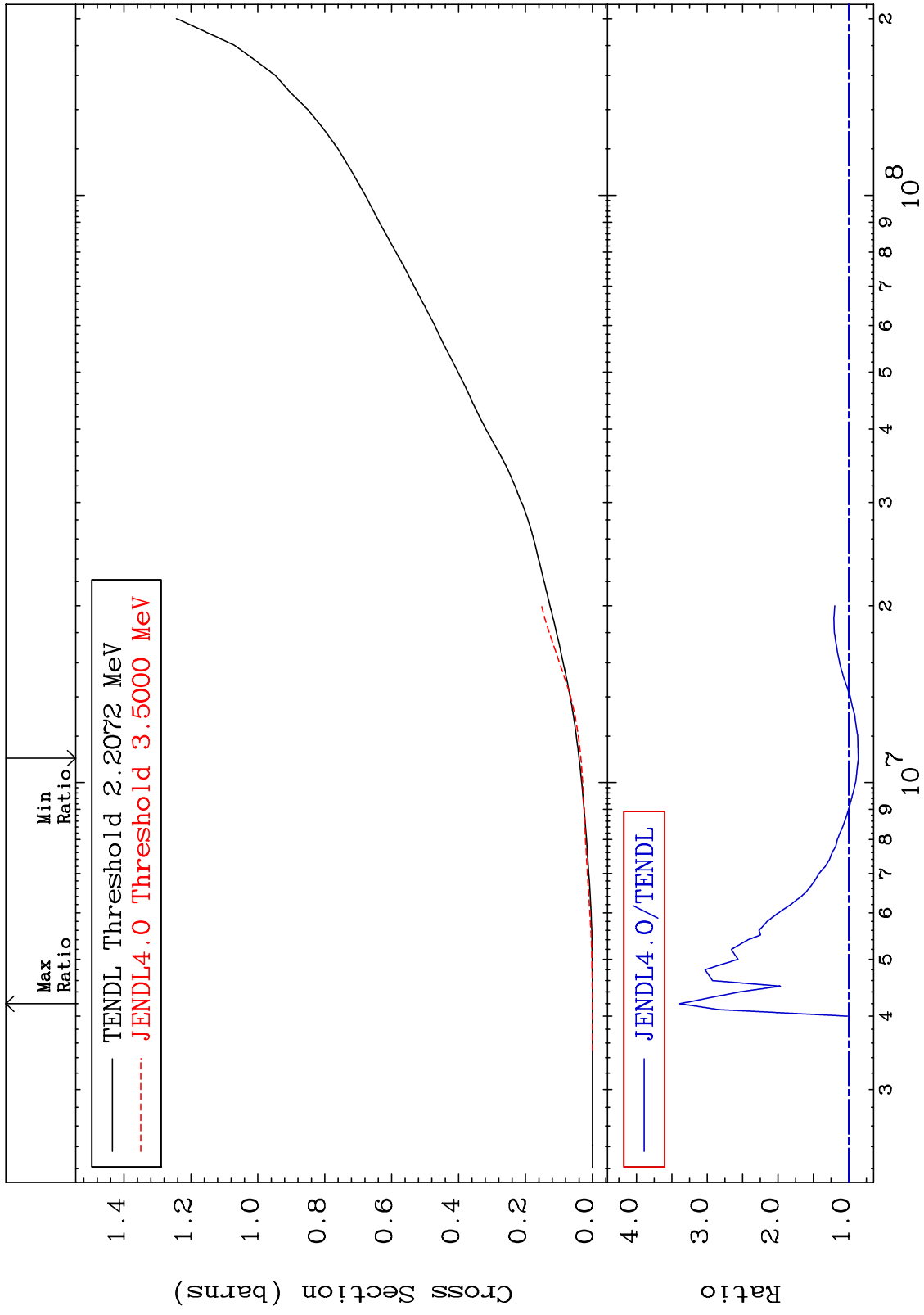
Incident Energy (eV)

44

MAT 3431

Hydrogen Production  
Cross Section

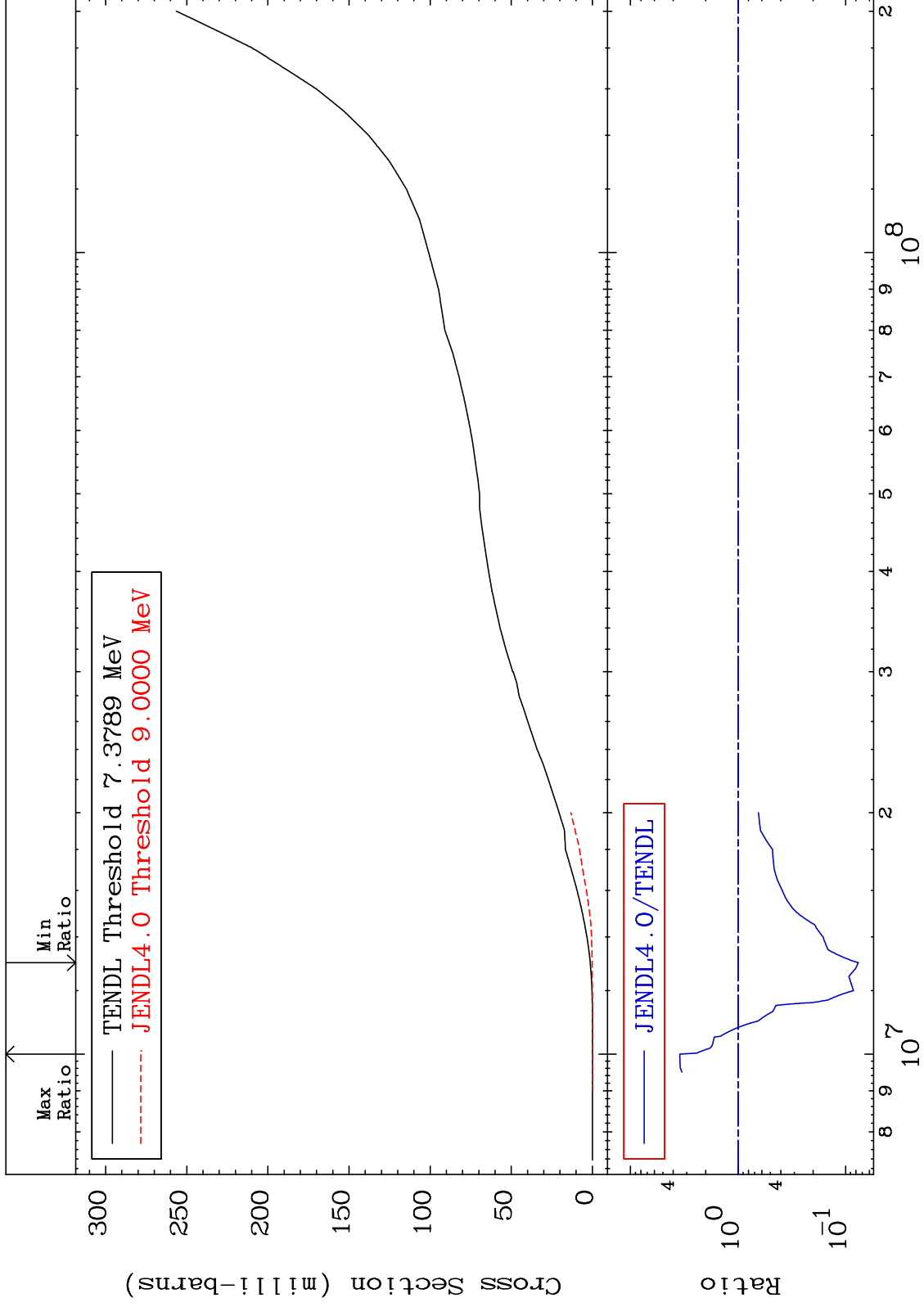
<sup>34</sup>Se-76  
-13.52 To 238.9 %



MAT 3431

Deuterium Production  
Cross Section

<sup>34</sup>Se-76  
-92.39 To 247.6 %



46

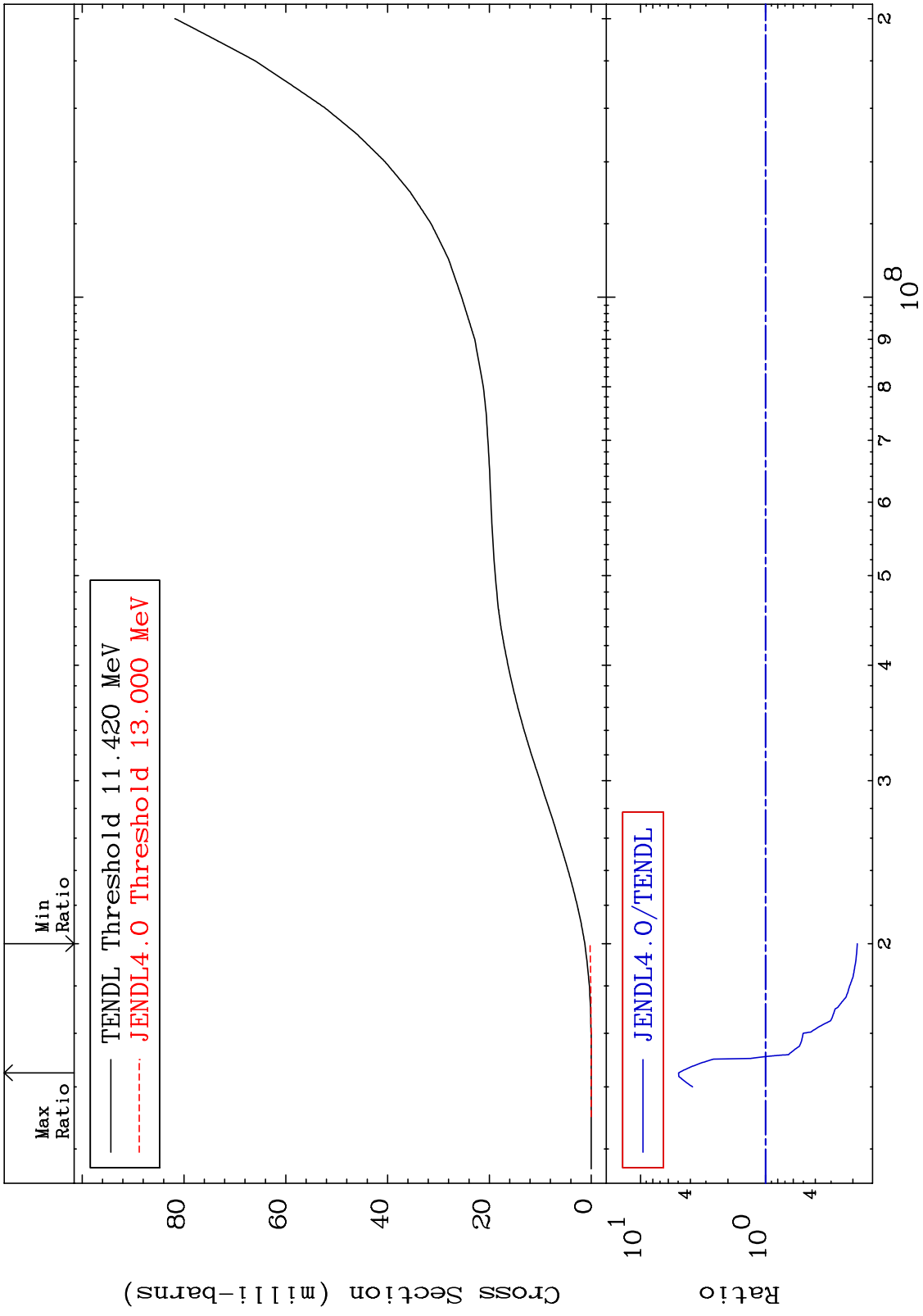
Incident Energy (eV)

<sup>34</sup>Se-76

MAT 3431

Tritium Production  
Cross Section

<sup>34</sup>Se-76  
-81.54 To 396.1 %

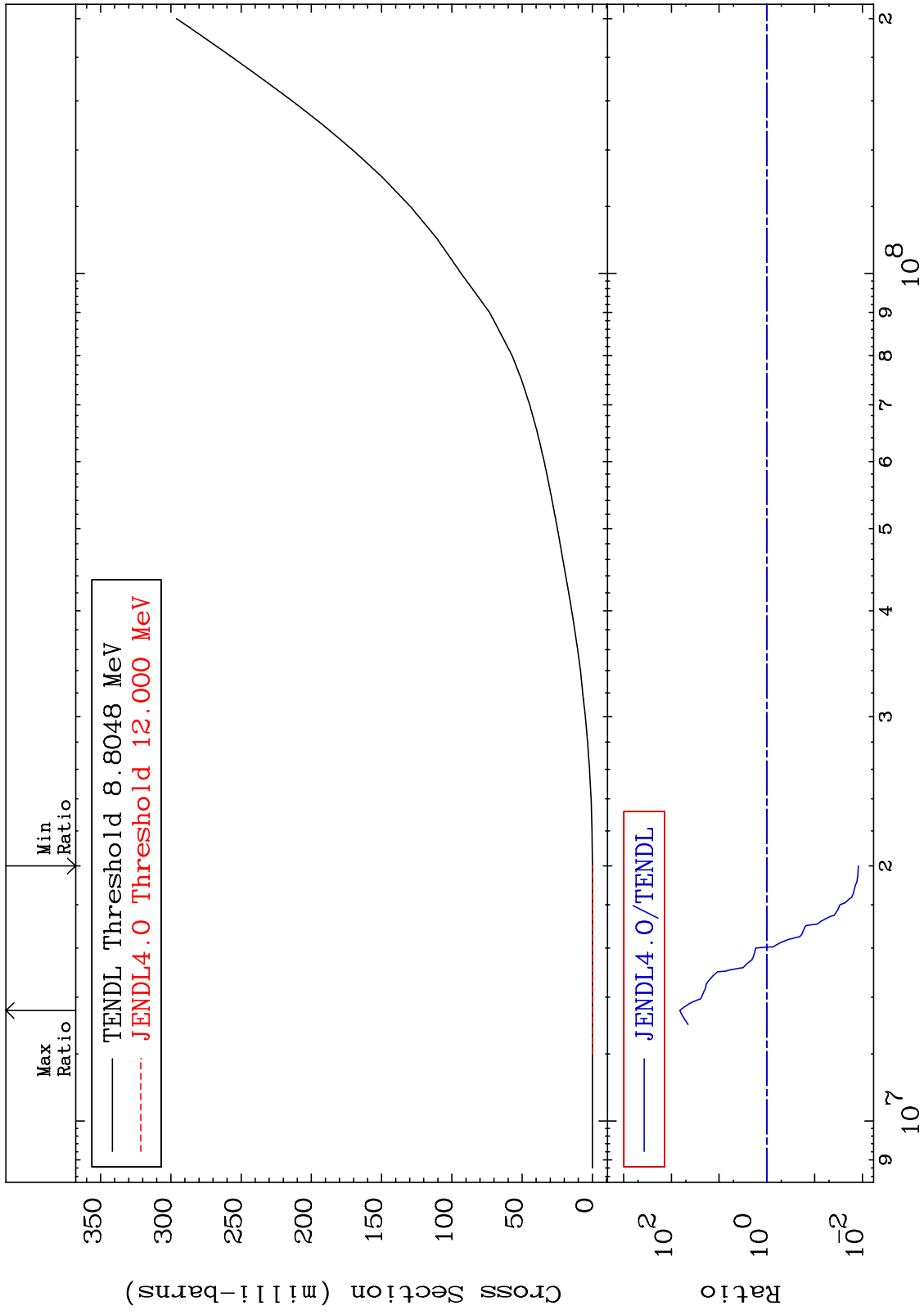




MAT 3431

He-3 Production  
Cross Section

34-Se-76  
-98.78 To 6558. %



48

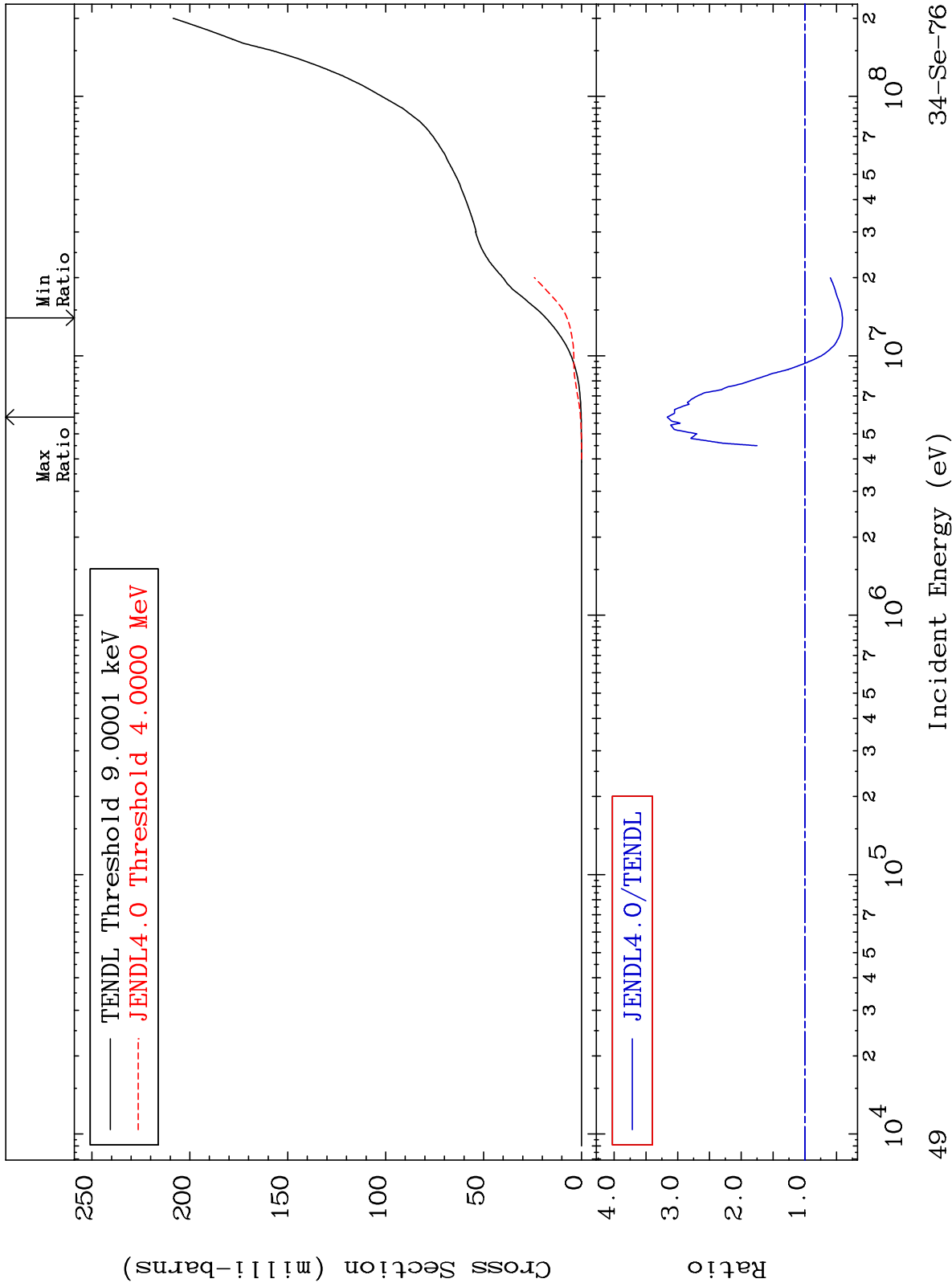
Incident Energy (eV)

34-Se-76

MAT 3431

He-4 Production  
Cross Section

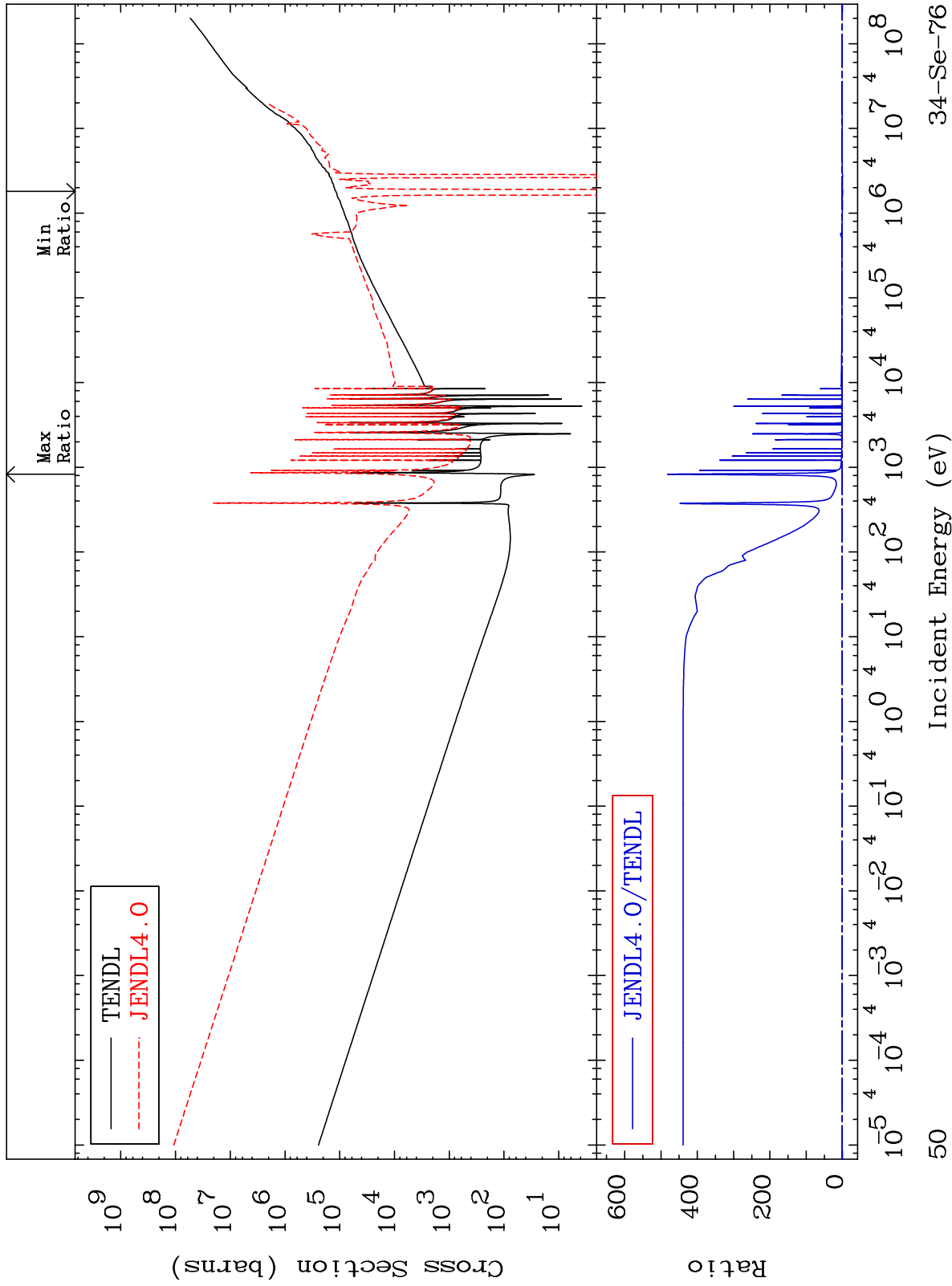
34-Se-76  
-59.53 To 216.4 %



MAT 3431

Kerma total (eV-barns)  
Cross Section

34-Se-76  
-147.9 To 9999. %



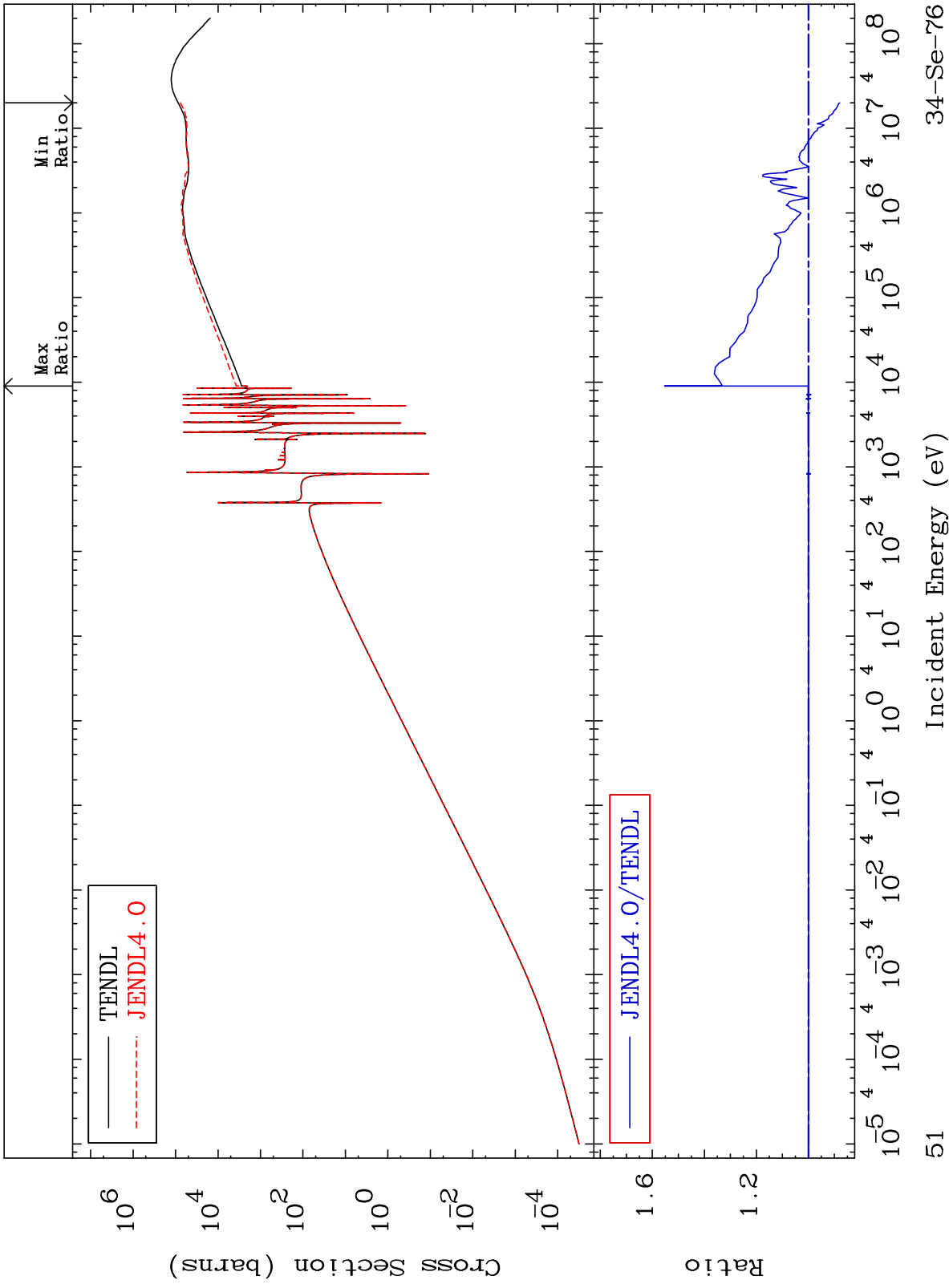
34-Se-76

50

MAT 3431

Kerma elastic  
Cross Section

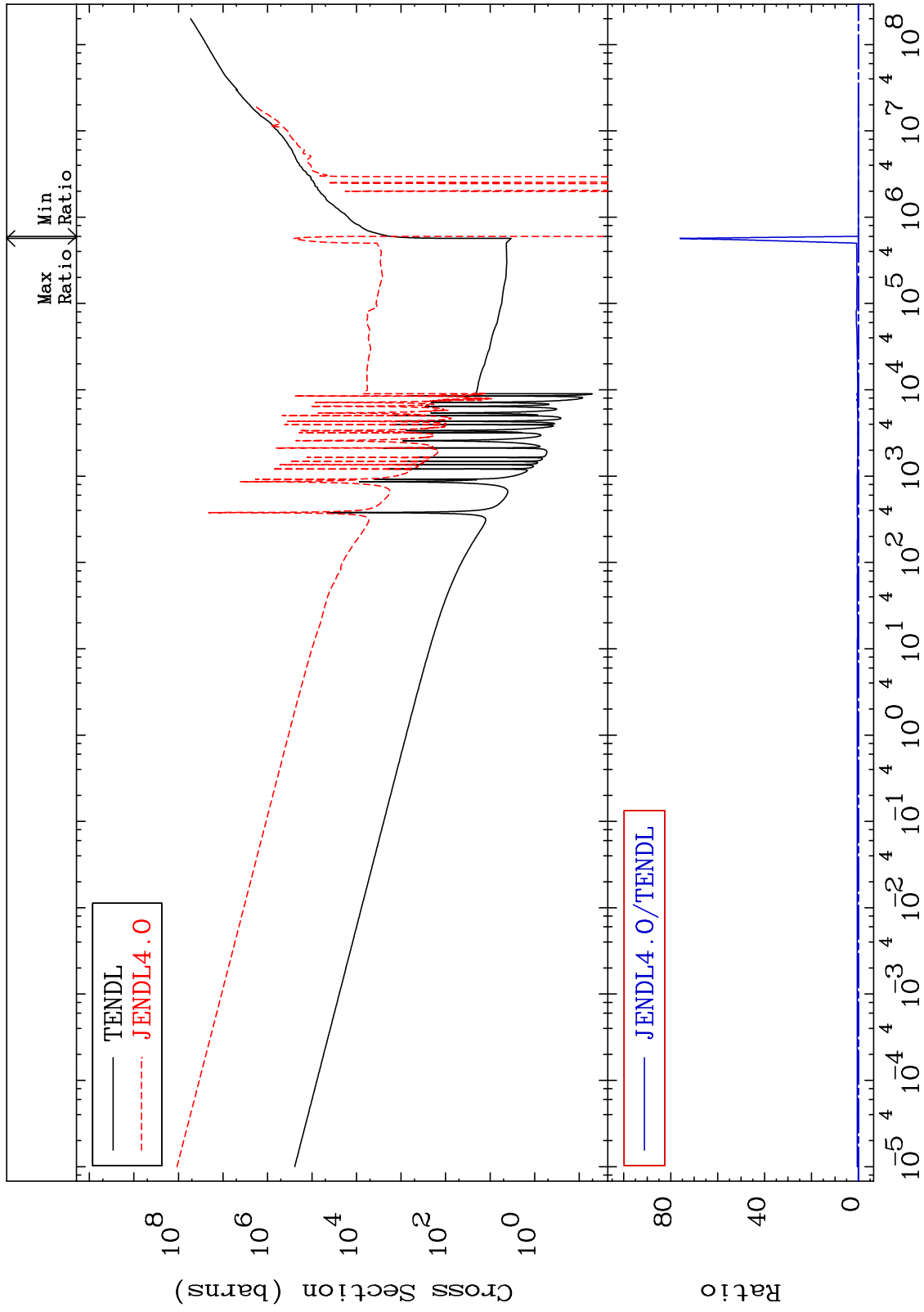
34-Se-76  
-12.07 To 55.24 %



MAT 3431

Kerma non-elastic (all but mt2)  
Cross Section

34-Se-76  
-469.1 To 9999. %



52

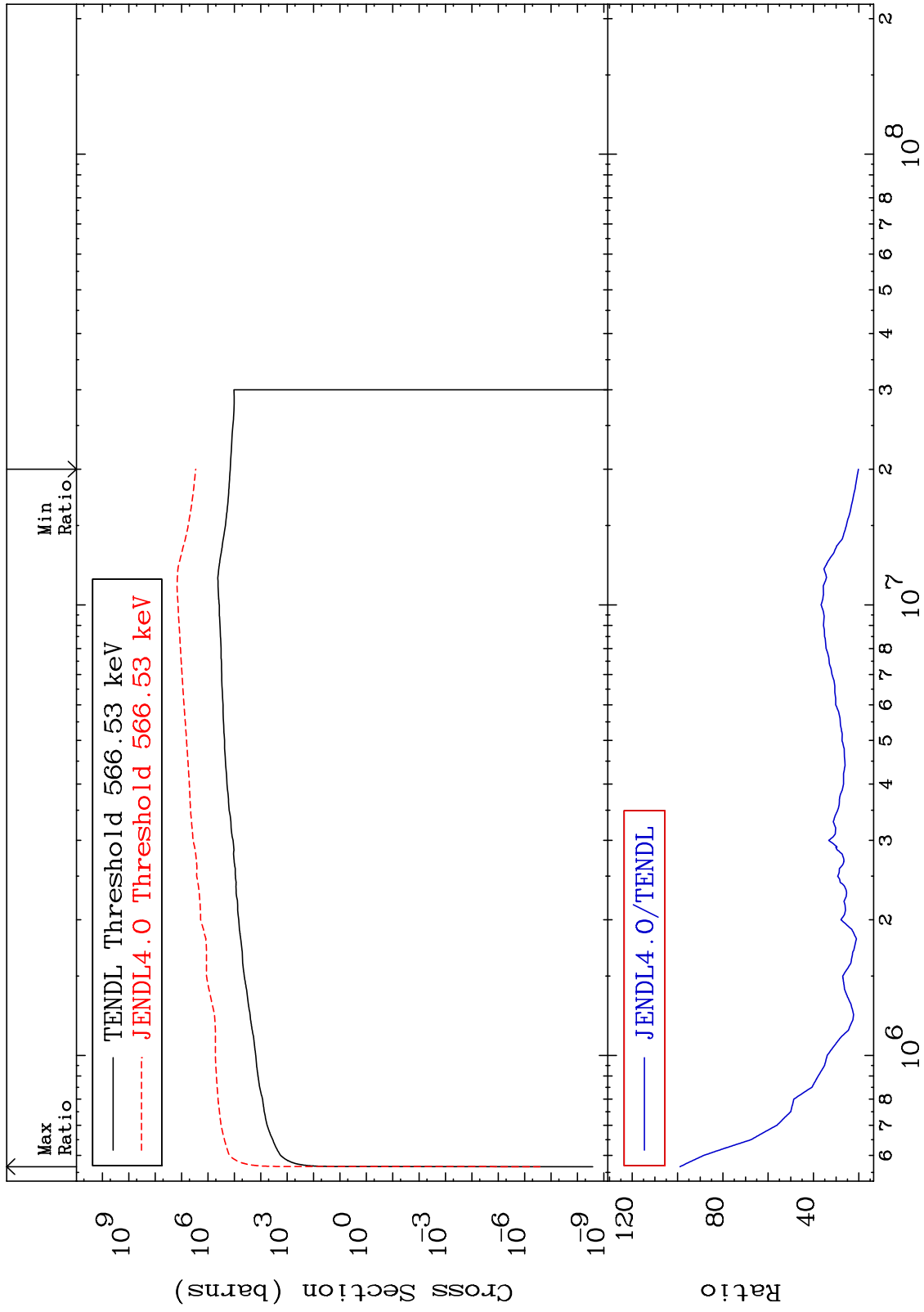
Incident Energy (eV)

34-Se-76

MAT 3431

Kerma inelastic (mt51-91)  
Cross Section

34-Se-76  
1915. To 9791. %

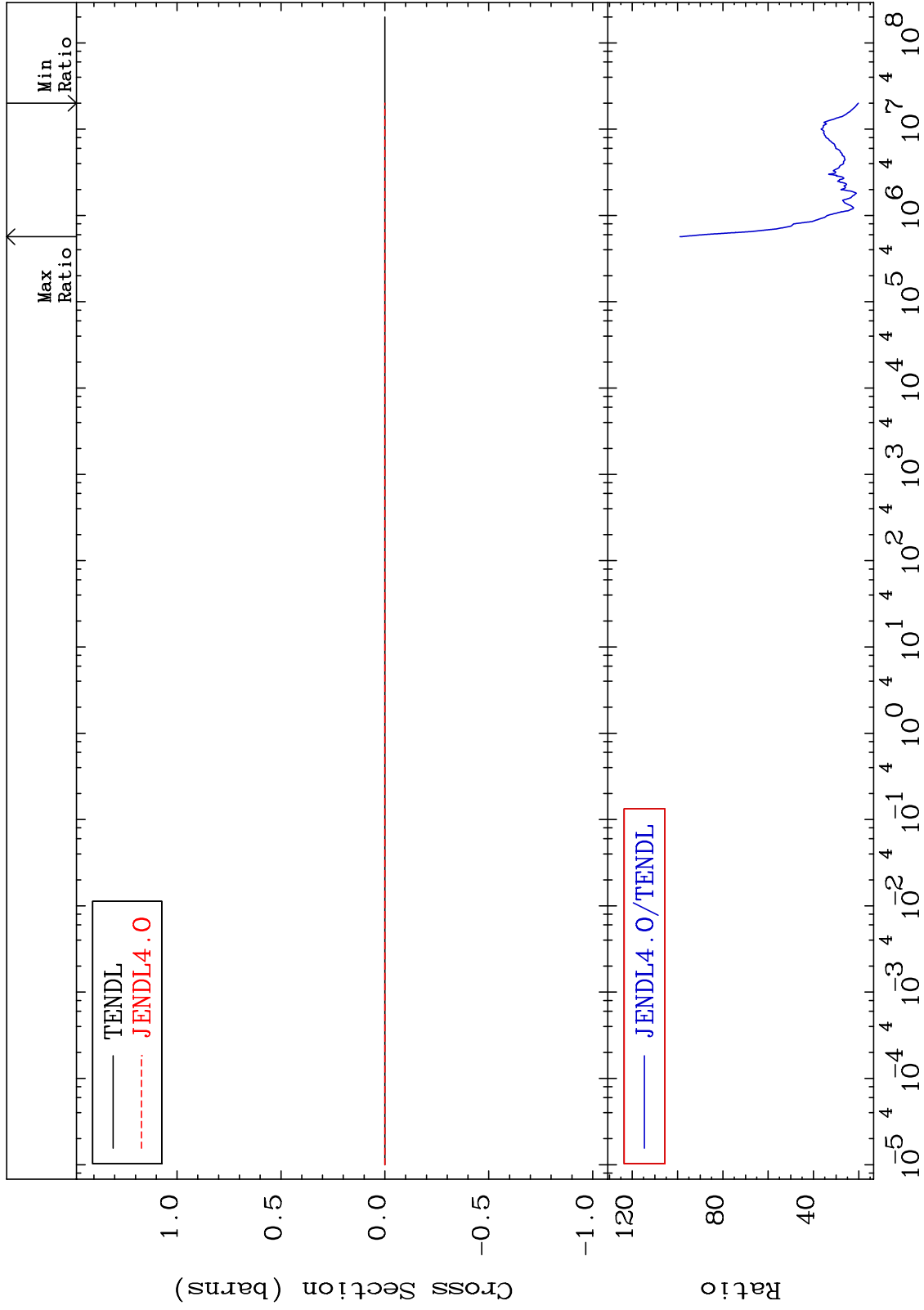


MAT 3431

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

1915. To 9791. %

34-Se-76



54

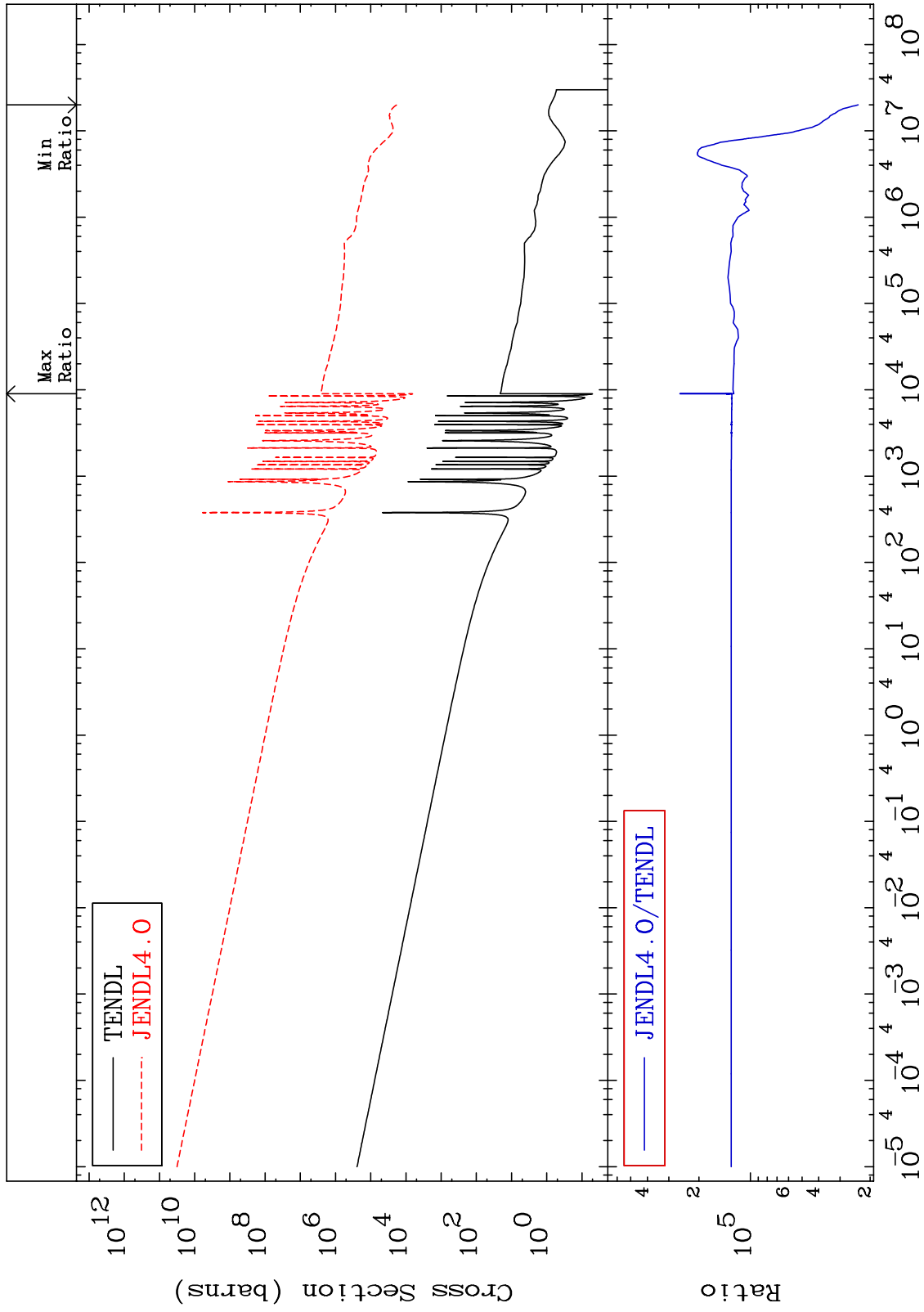
Incident Energy (eV)

34-Se-76

MAT 3431

Kerma capture (mt102)  
Cross Section

34-Se-76  
9999. To 9999. %



55

Incident Energy (eV)

34-Se-76

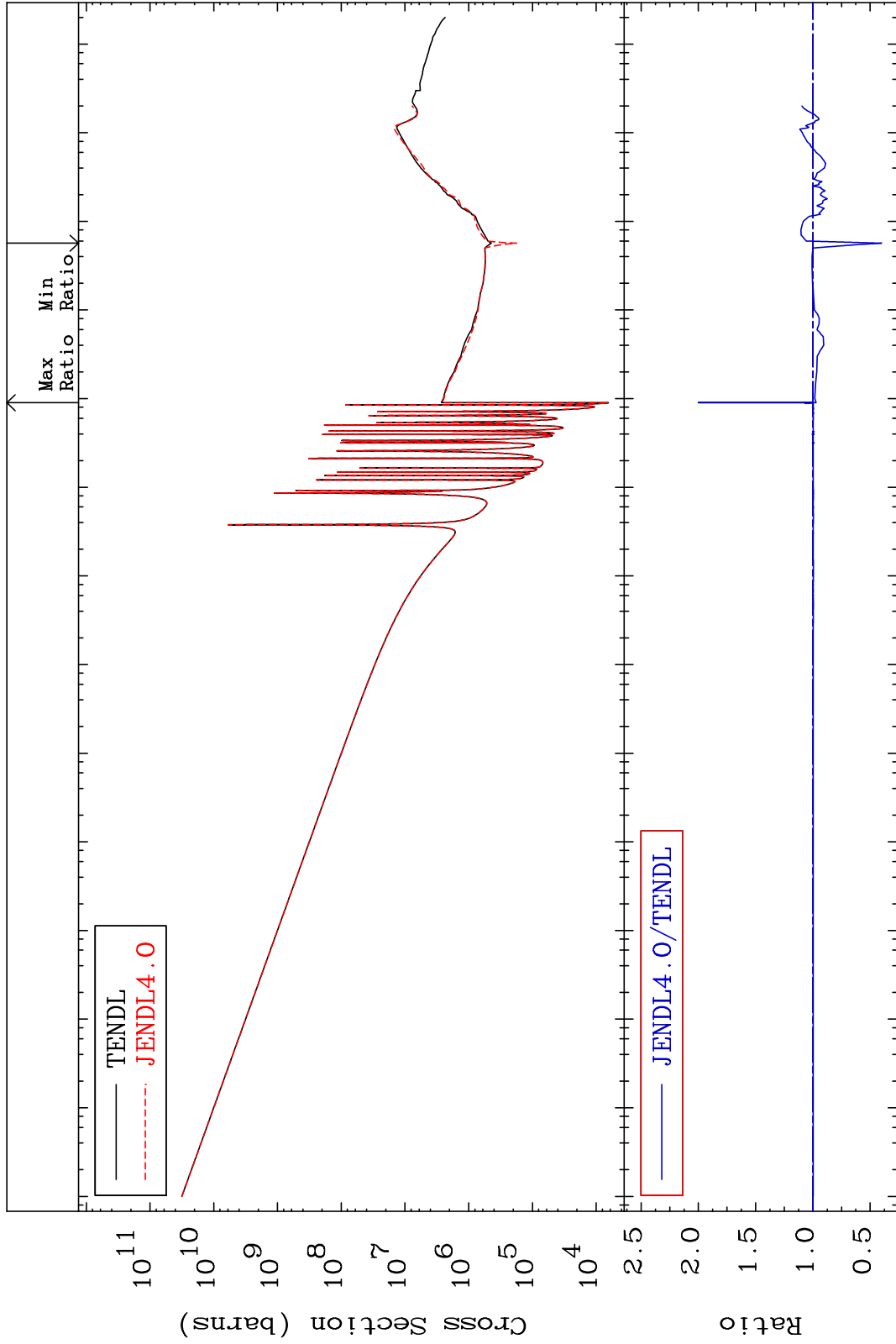


MAT 3431

Total photon (eV-barns)  
Cross Section

34-Se-76

-59.95 To 100.0 %



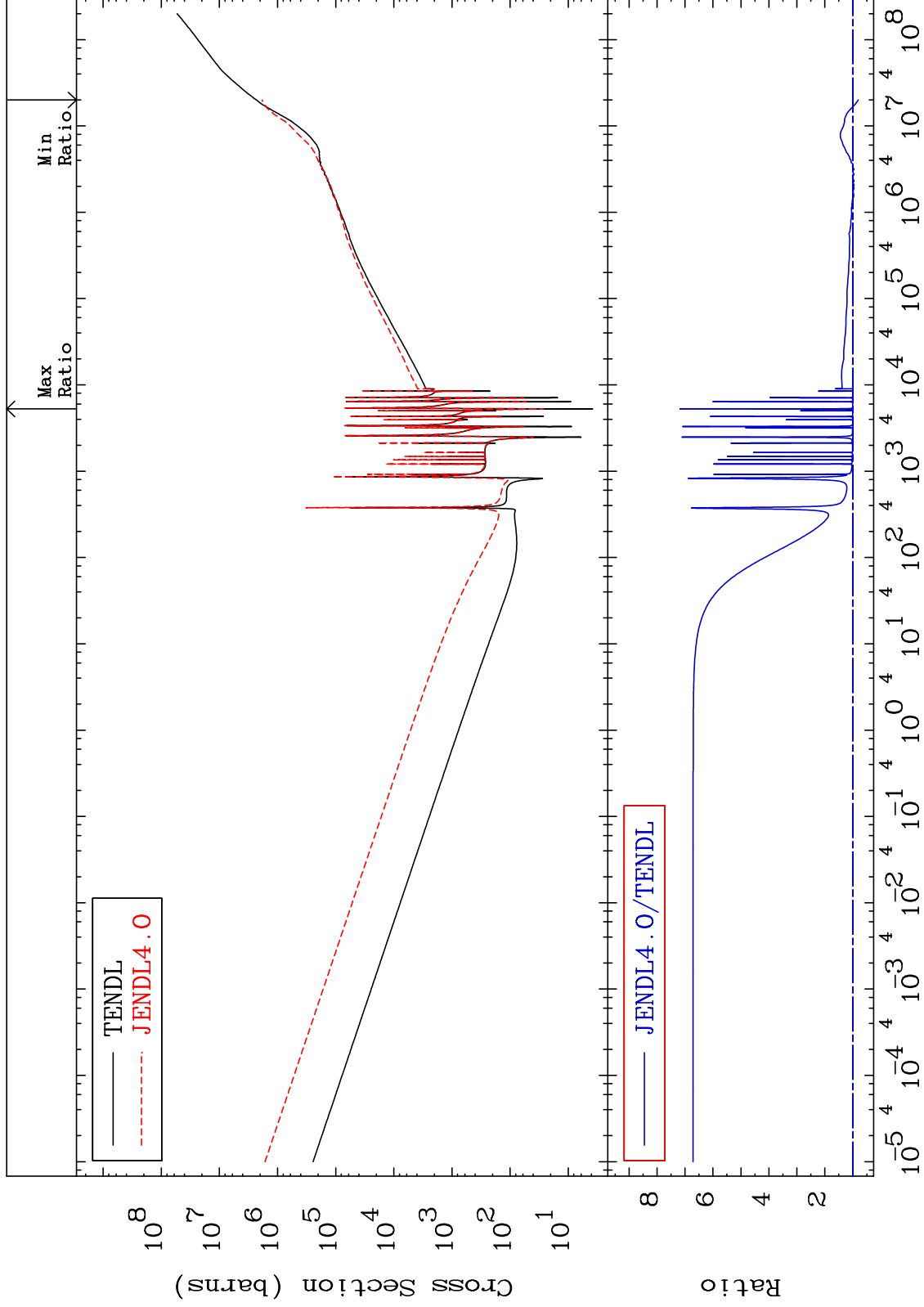
Incident Energy (eV)

34-Se-76

MAT 3431

Total kinematic kerma (high limit)  
Cross Section

34-Se-76  
-20.04 To 617.8 %



57

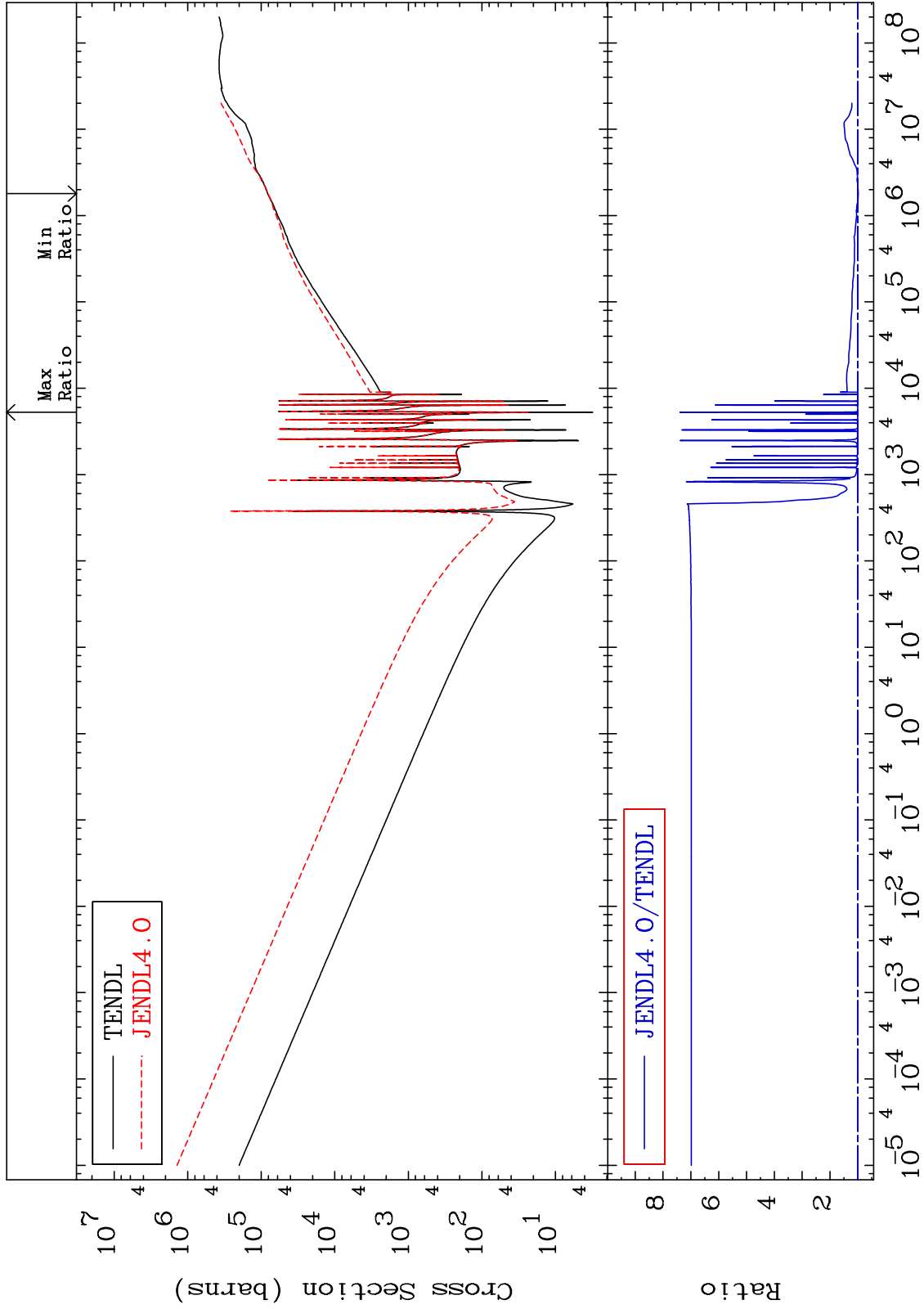
Incident Energy (eV)

34-Se-76

MAT 3431

Dpa total (eV-barns)  
Cross Section

34-Se-76  
-2.235 To 639.0 %



58

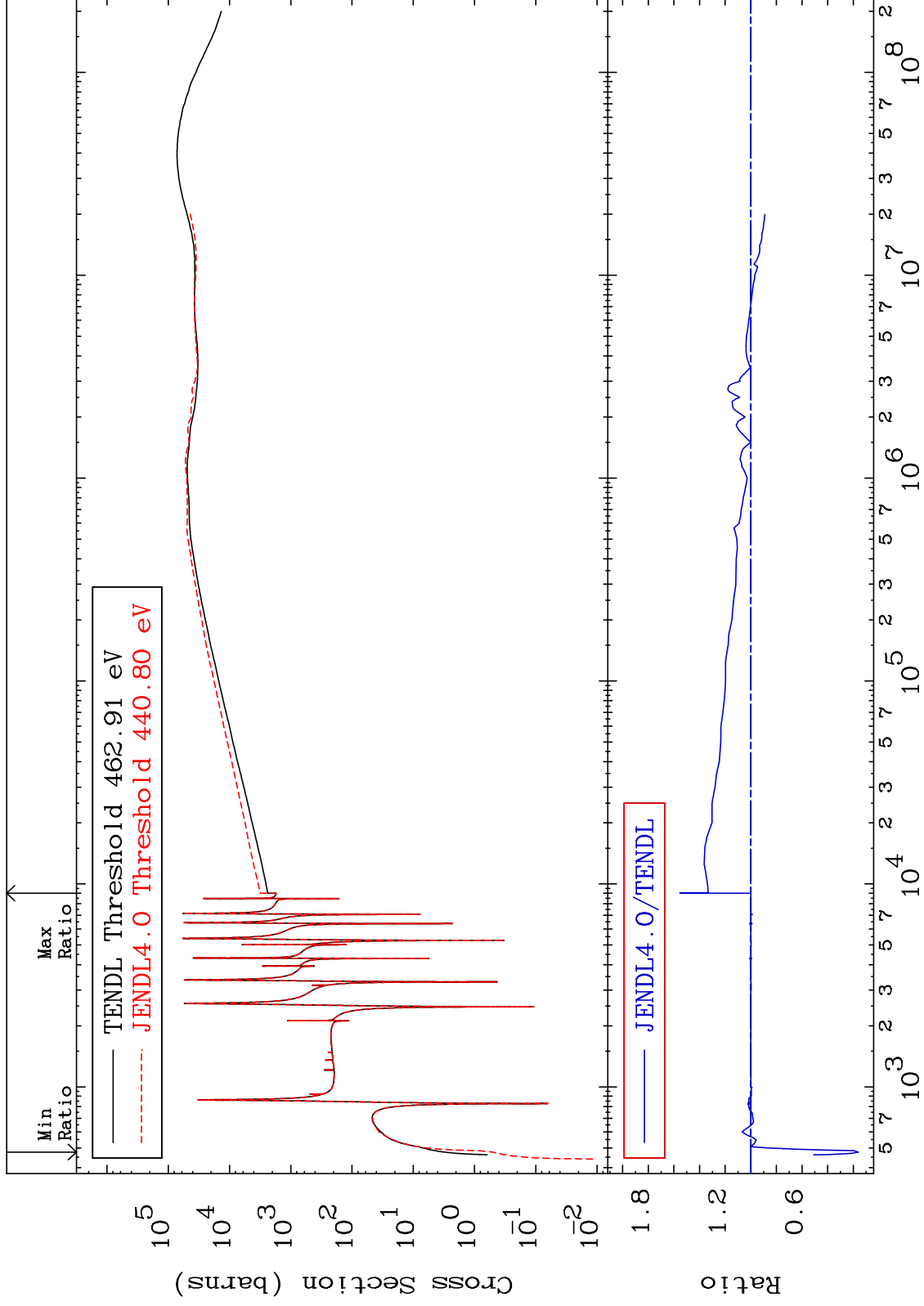
Incident Energy (eV)

34-Se-76

MAT 3431

Dpa elastic (mt2)  
Cross Section

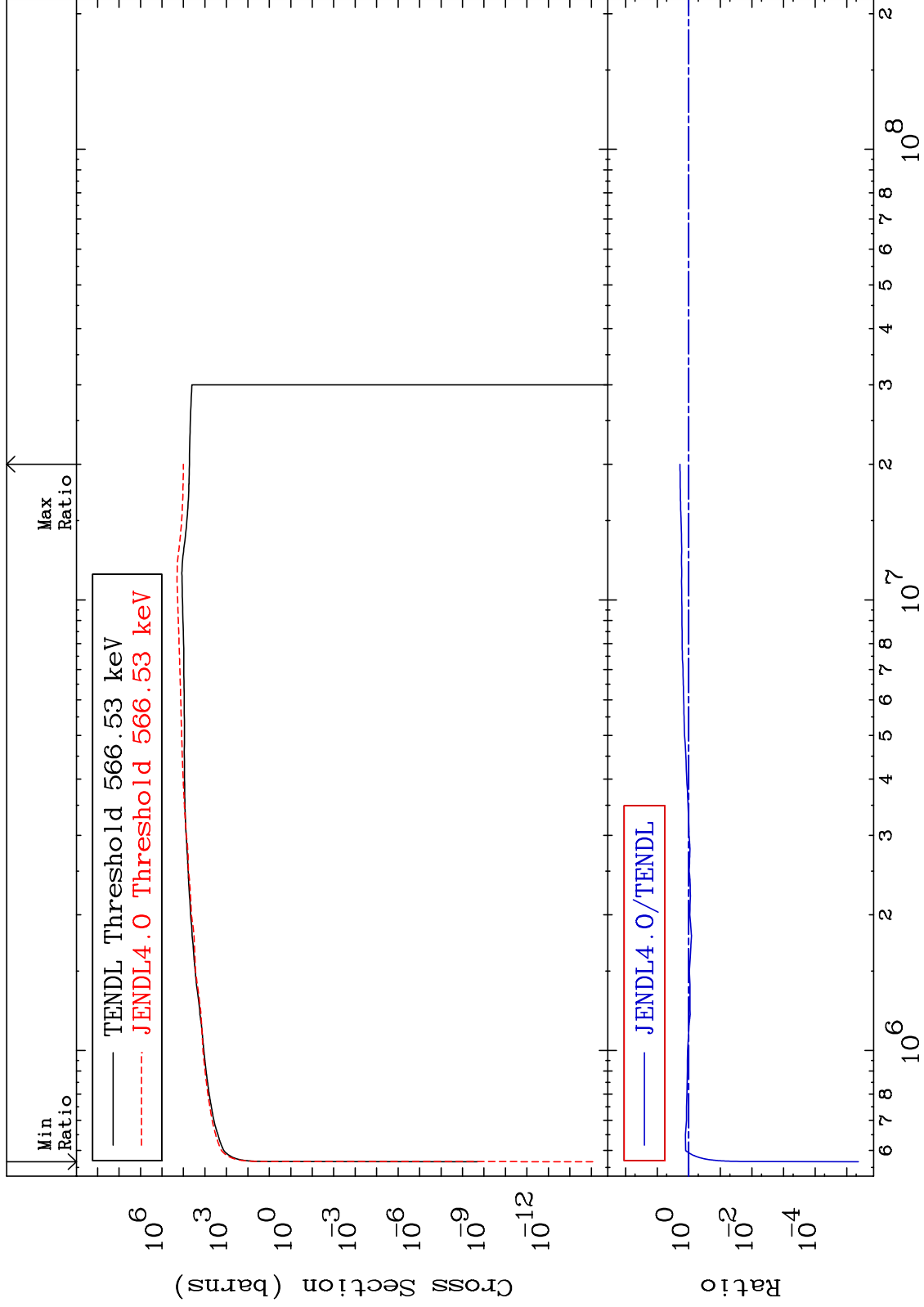
34-Se-76  
-84.02 To 55.25 %



MAT 3431

Dpa inelastic (mt51-91)  
Cross Section

34-Se-76  
-100.0 To 89.36 %



60

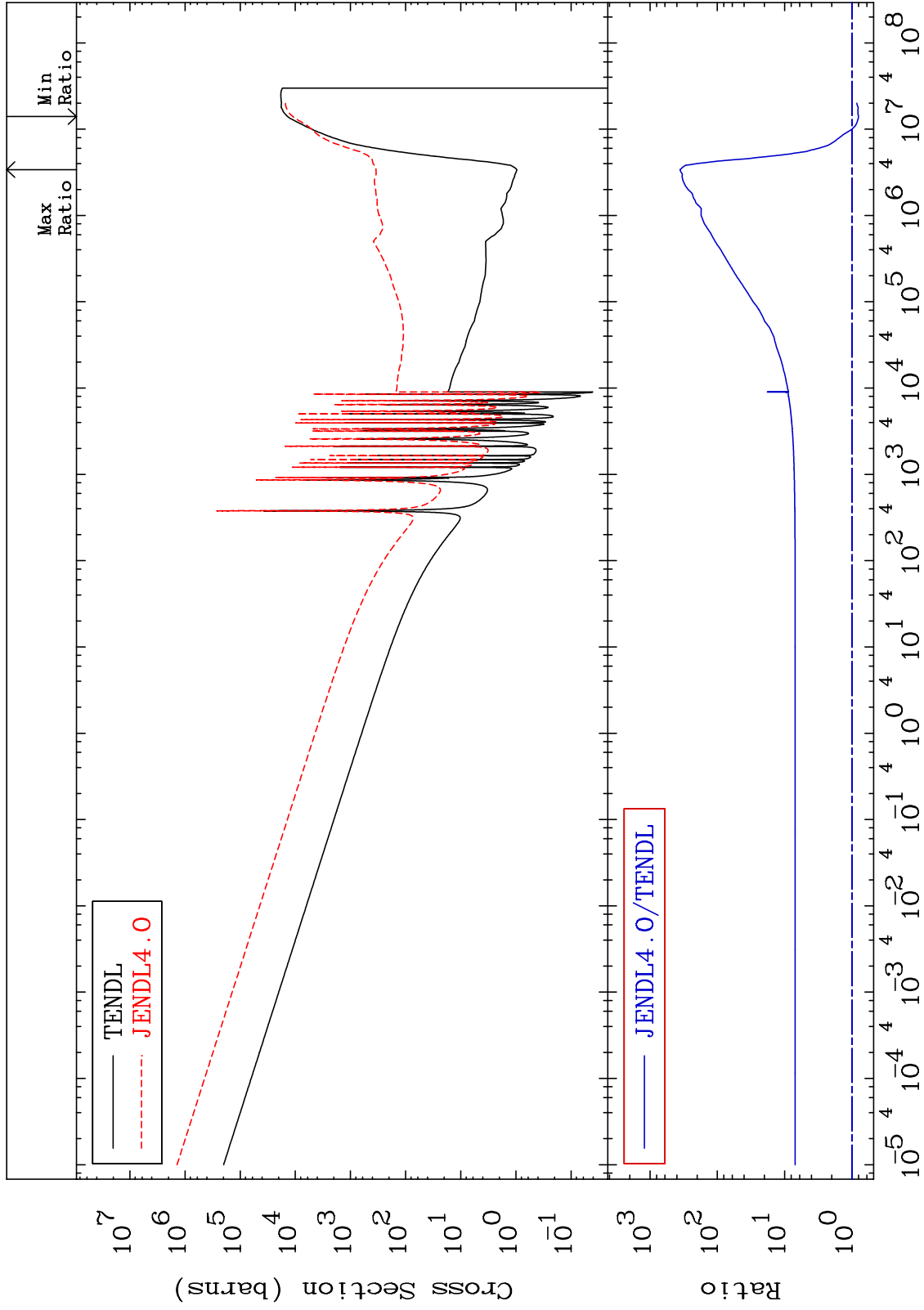
Incident Energy (eV)

34-Se-76

MAT 3431

Dpa disappearance (mt102 -120)  
Cross Section

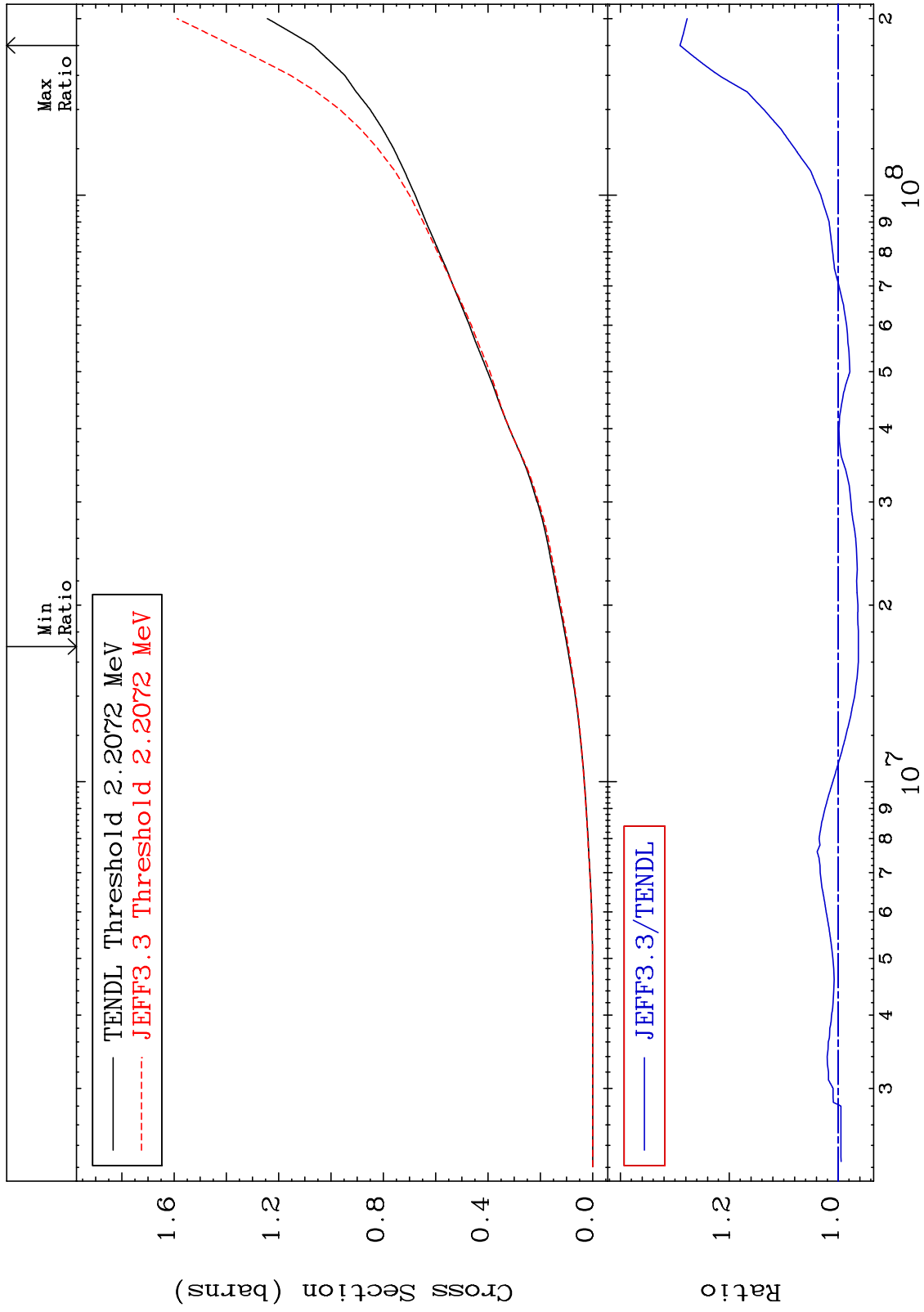
34-Se-76  
-19.68 To 9999. %



MAT 3431

Hydrogen Production  
Cross Section

$^{34}\text{Se-76}$   
-3.716 To 29.06 %



62

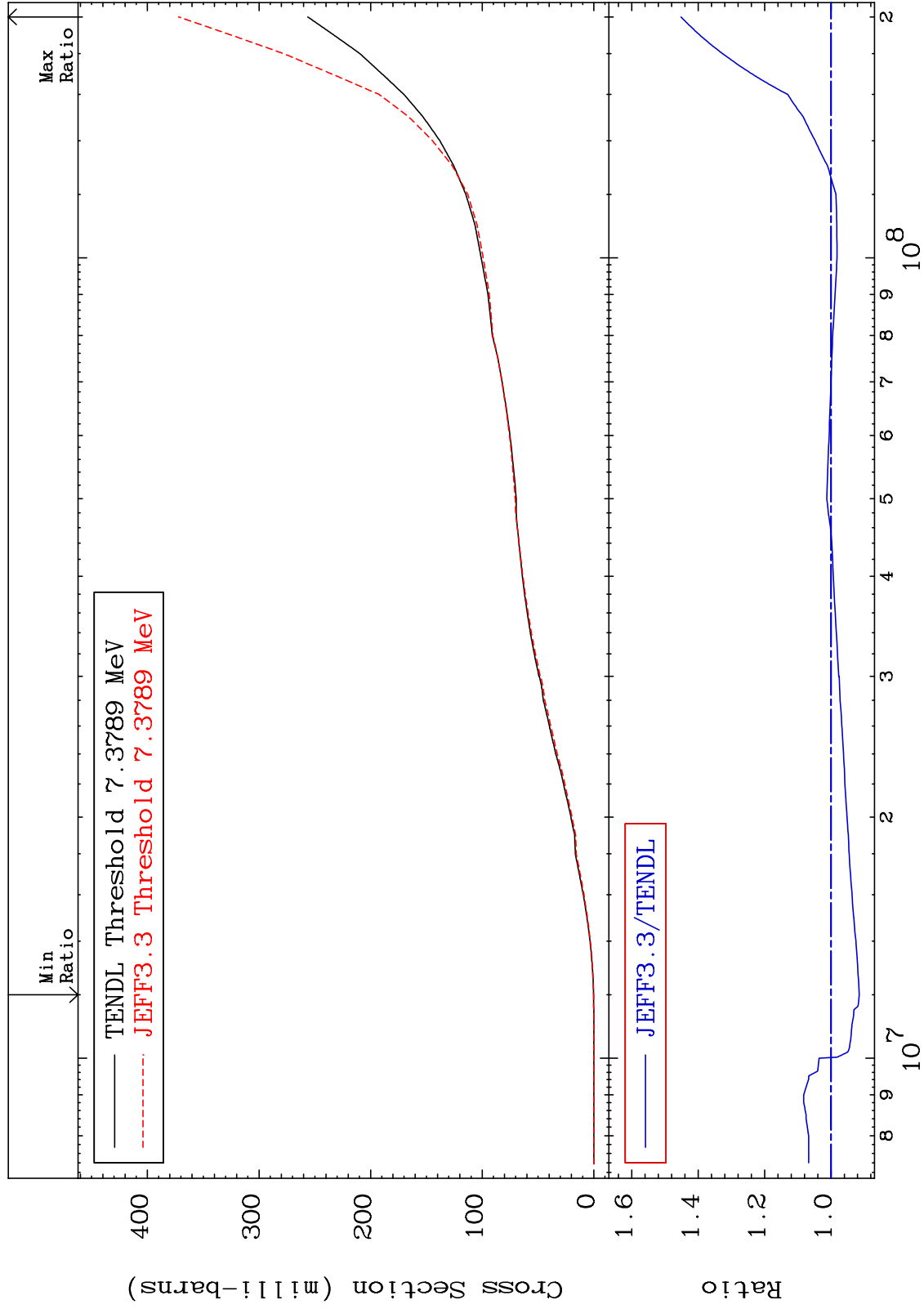
Incident Energy (eV)

$^{34}\text{Se-76}$

MAT 3431

Deuterium Production  
Cross Section

<sup>34</sup>Se-76  
-8.507 To 45.15 %



63

Incident Energy (eV)

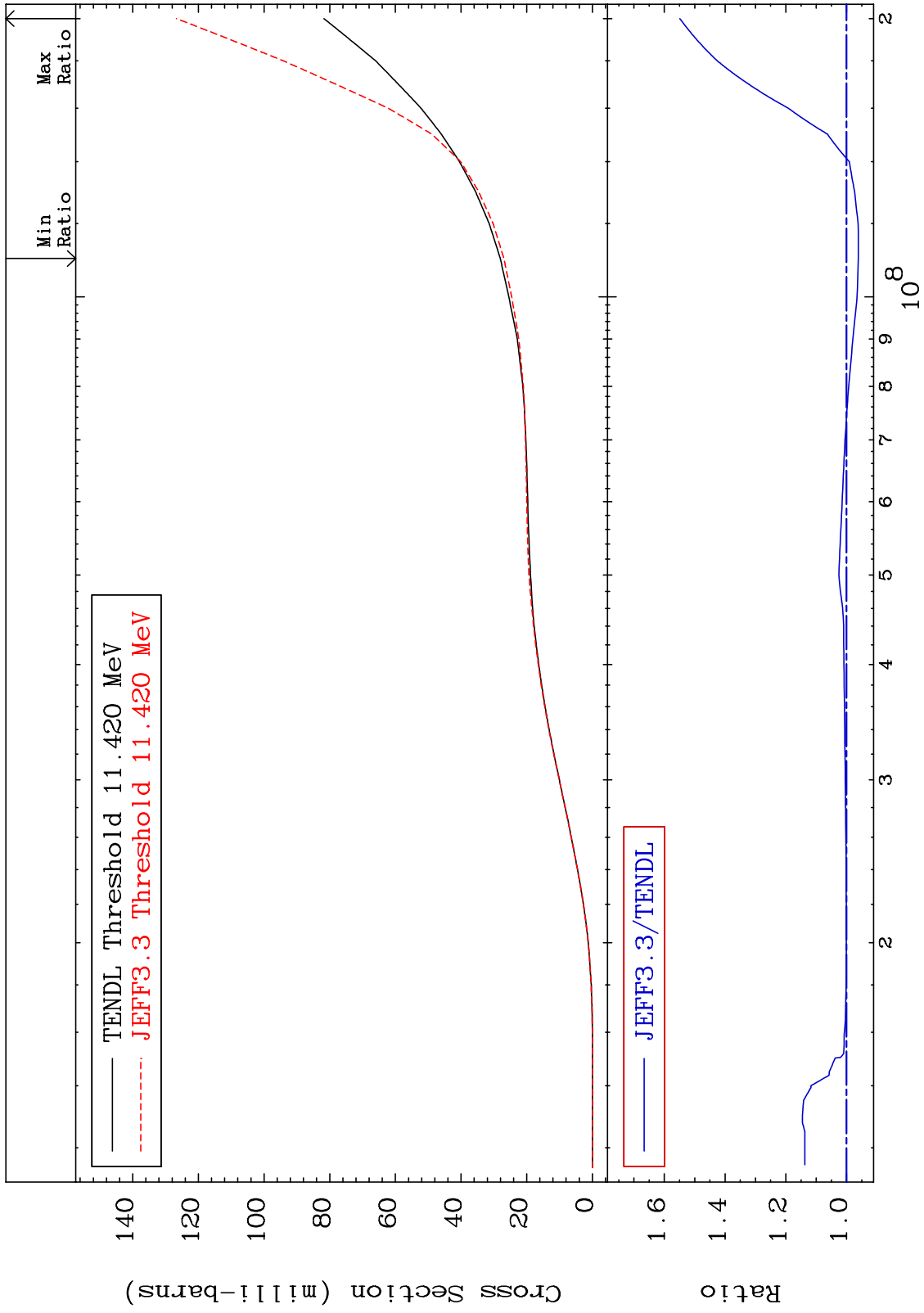
<sup>34</sup>Se-76



MAT 3431

Tritium Production  
Cross Section

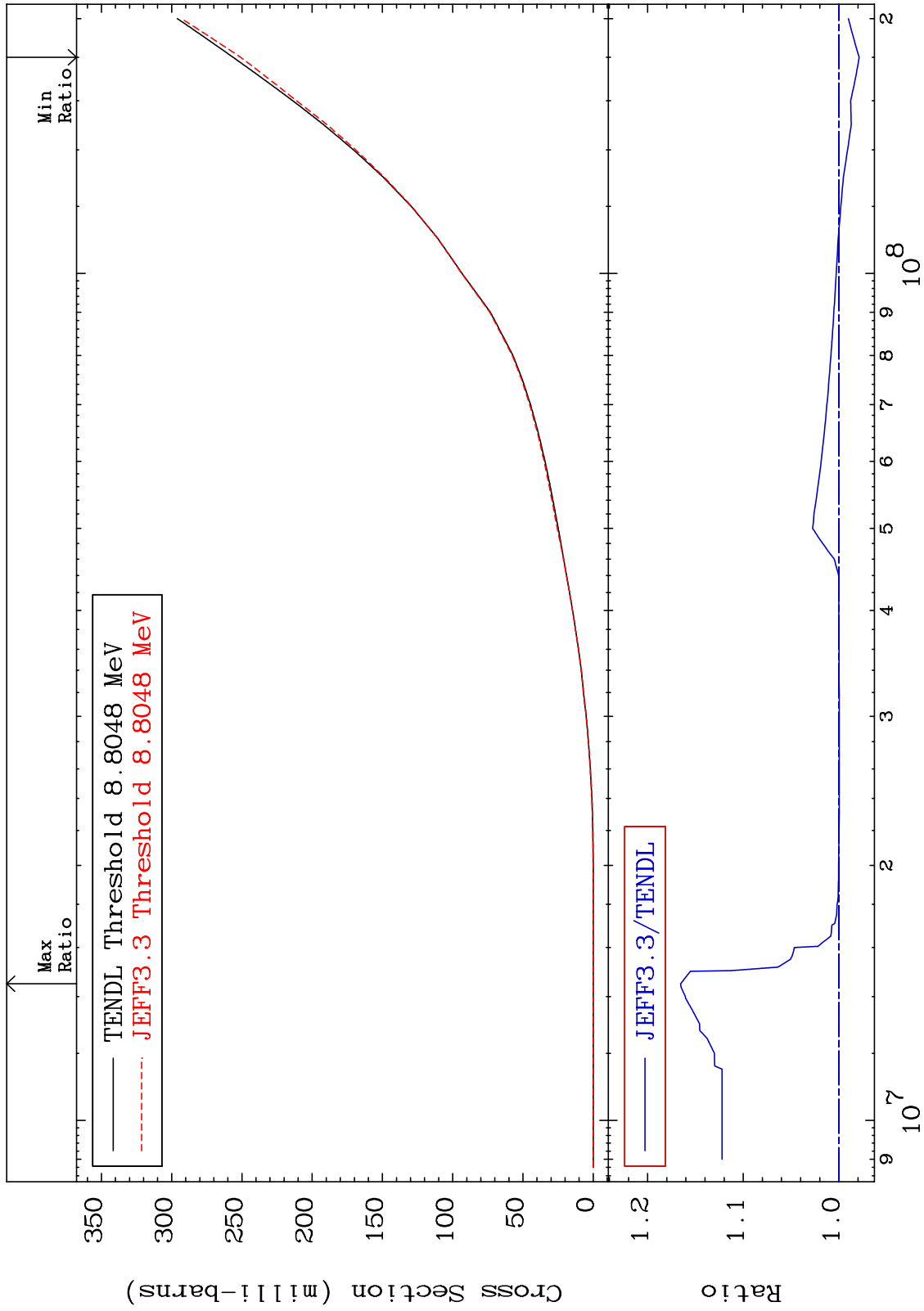
34-Se-76  
-3.876 To 54.91 %



MAT 3431

He-3 Production  
Cross Section

34-Se-76  
-2.124 To 16.55 %



65

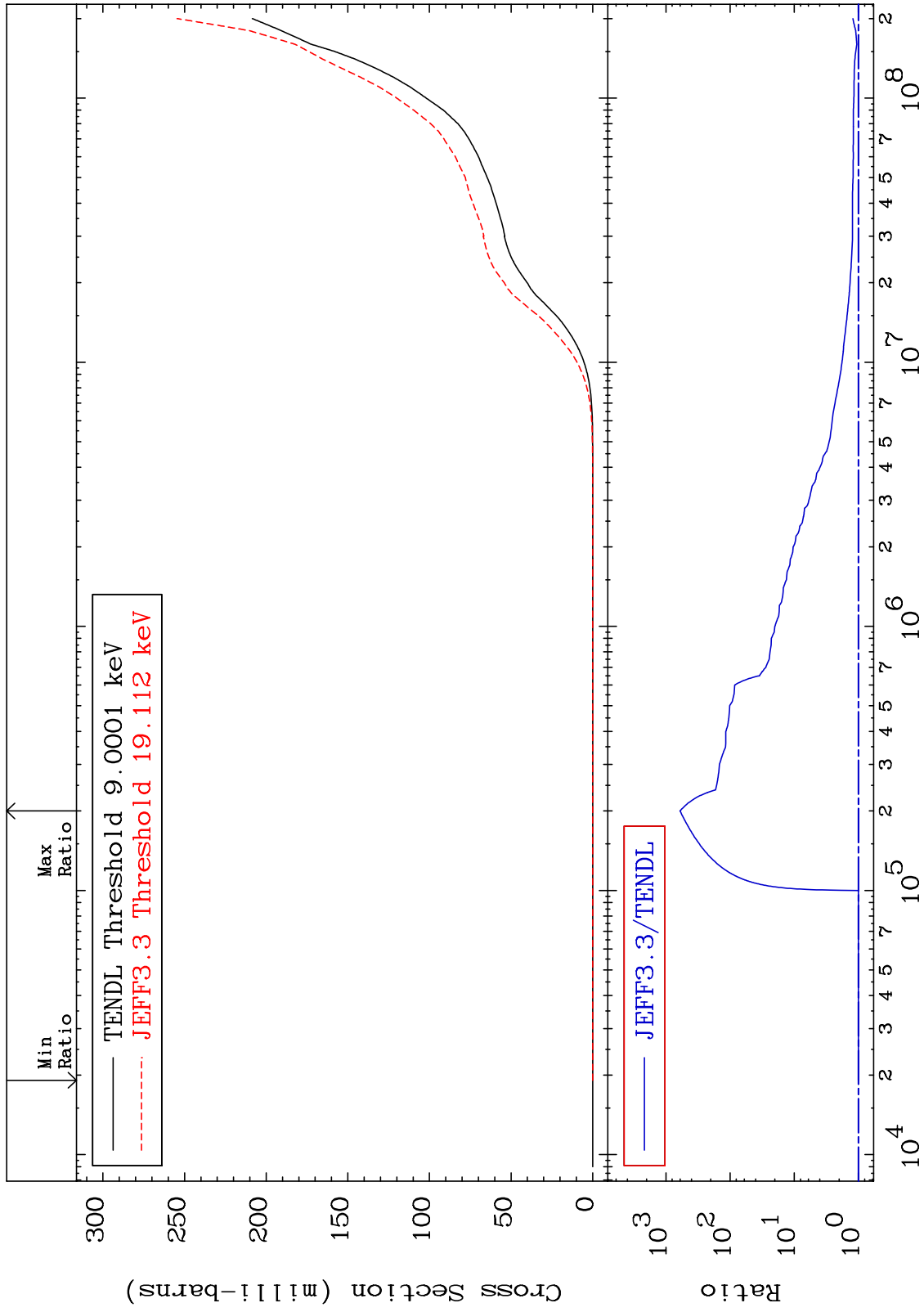
Incident Energy (eV)

34-Se-76

MAT 3431

He-4 Production  
Cross Section

34-Se-76  
0.000 To 9999. %



Incident Energy (eV)

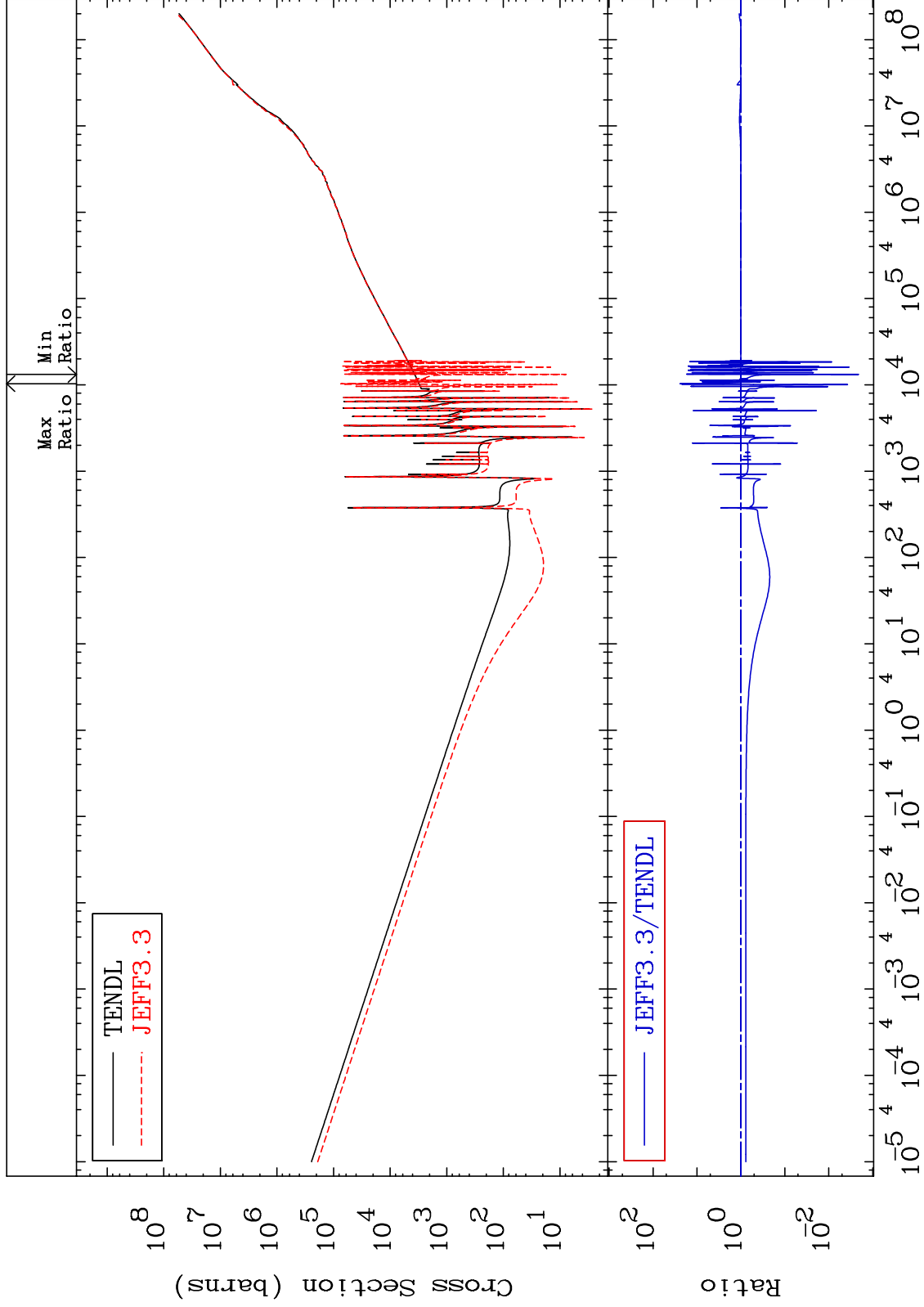
34-Se-76

66

MAT 3431

Kerma total (eV-barns)  
Cross Section

34-Se-76  
-99.79 To 2330. %



67

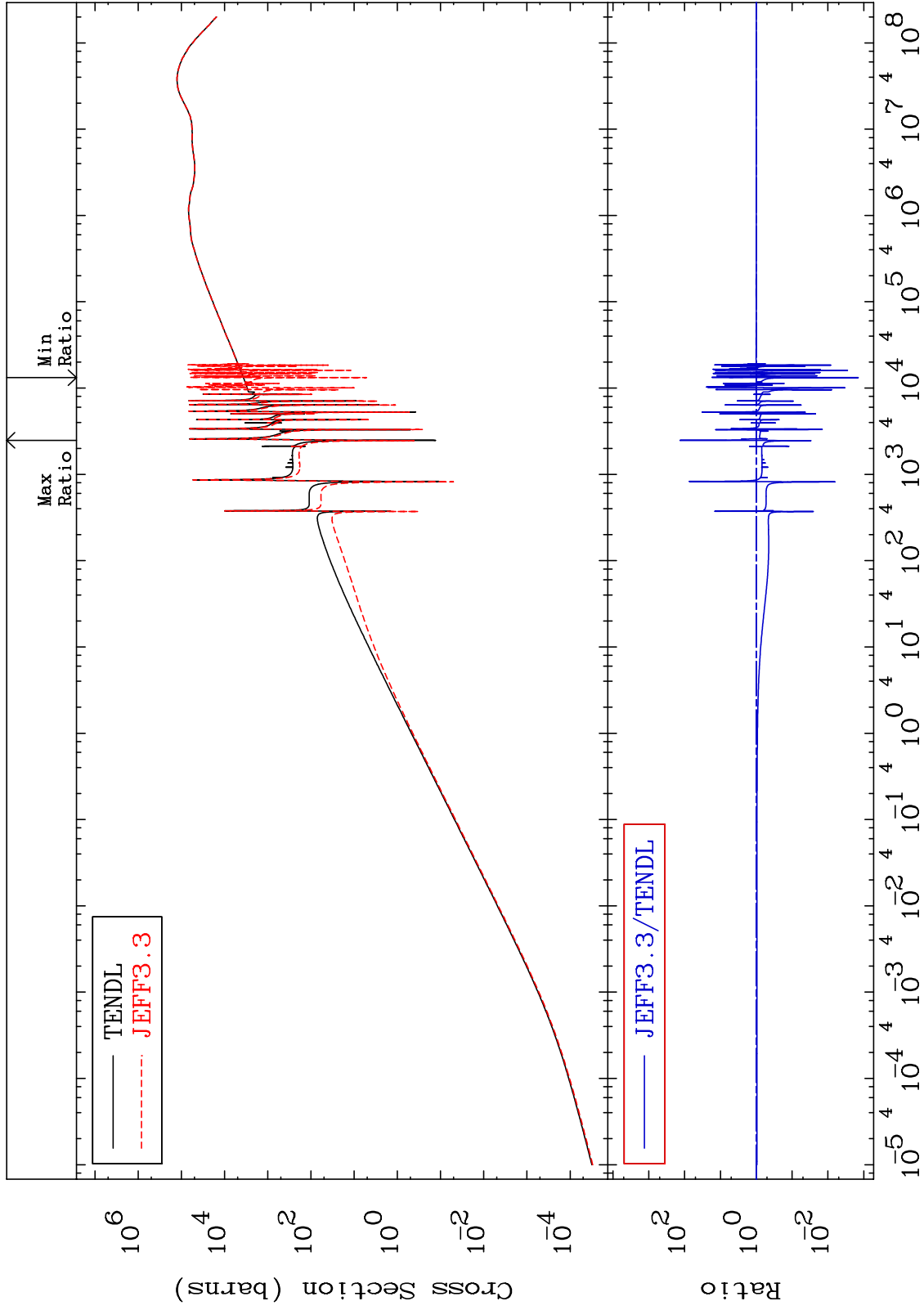
Incident Energy (eV)

34-Se-76

MAT 3431

Kerma elastic  
Cross Section

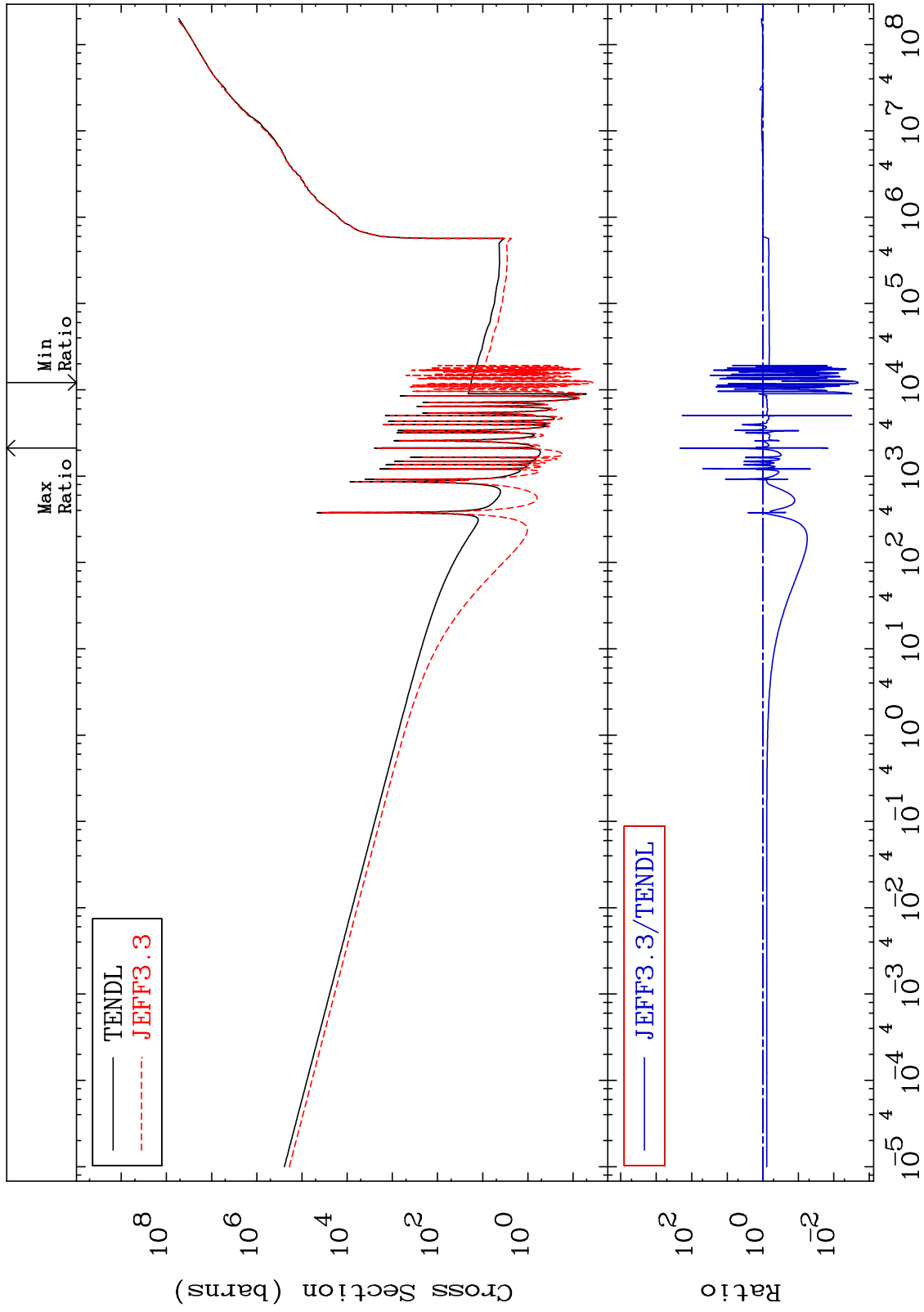
34-Se-76  
-99.86 To 9999. %



MAT 3431

Kerma non-elastic (all but mt2)  
Cross Section

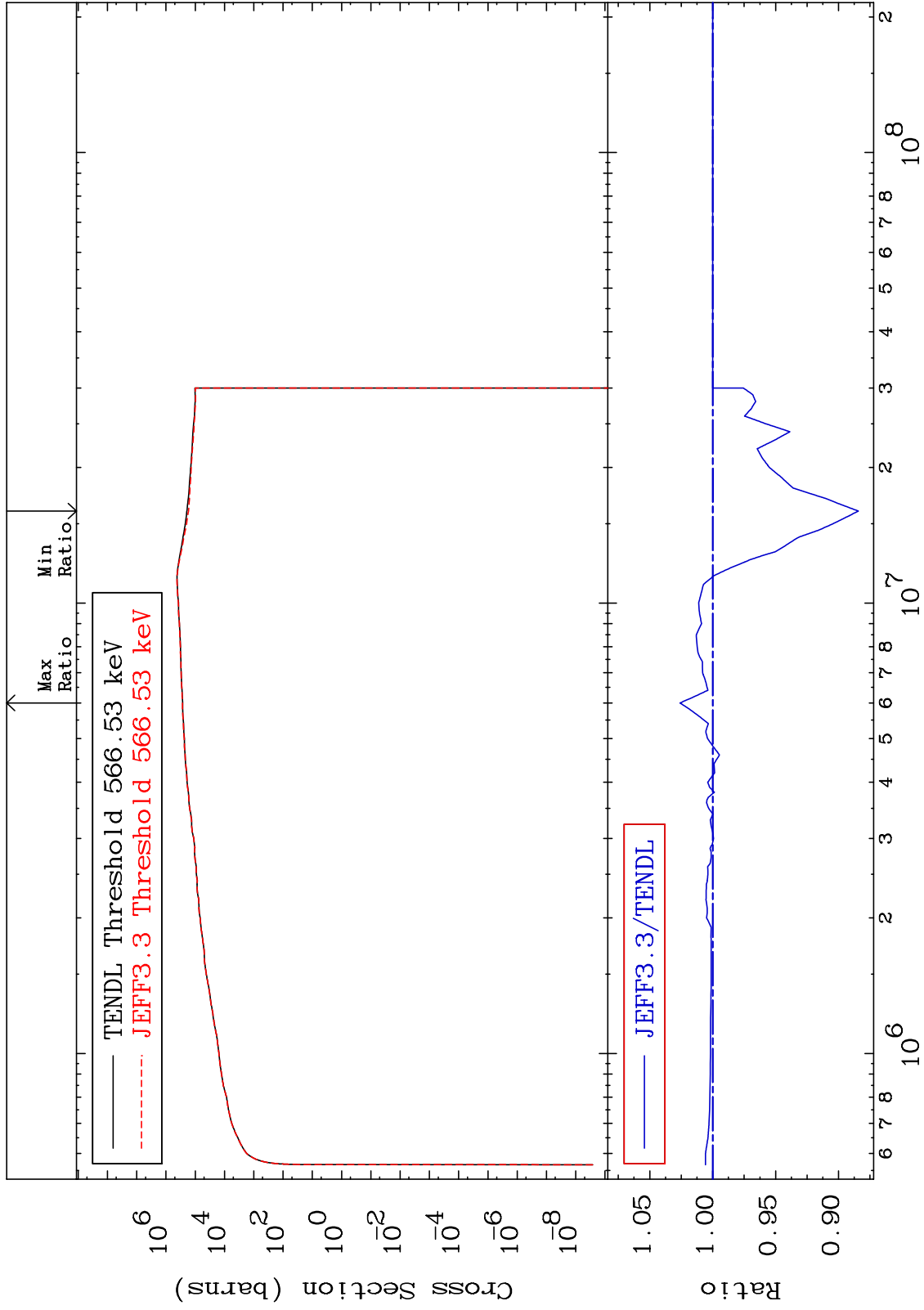
34-Se-76  
-99.80 To 9999. %



MAT 3431

Kerma inelastic (mt51-91)  
Cross Section

34-Se-76  
-11.58 To 2.596 %



70

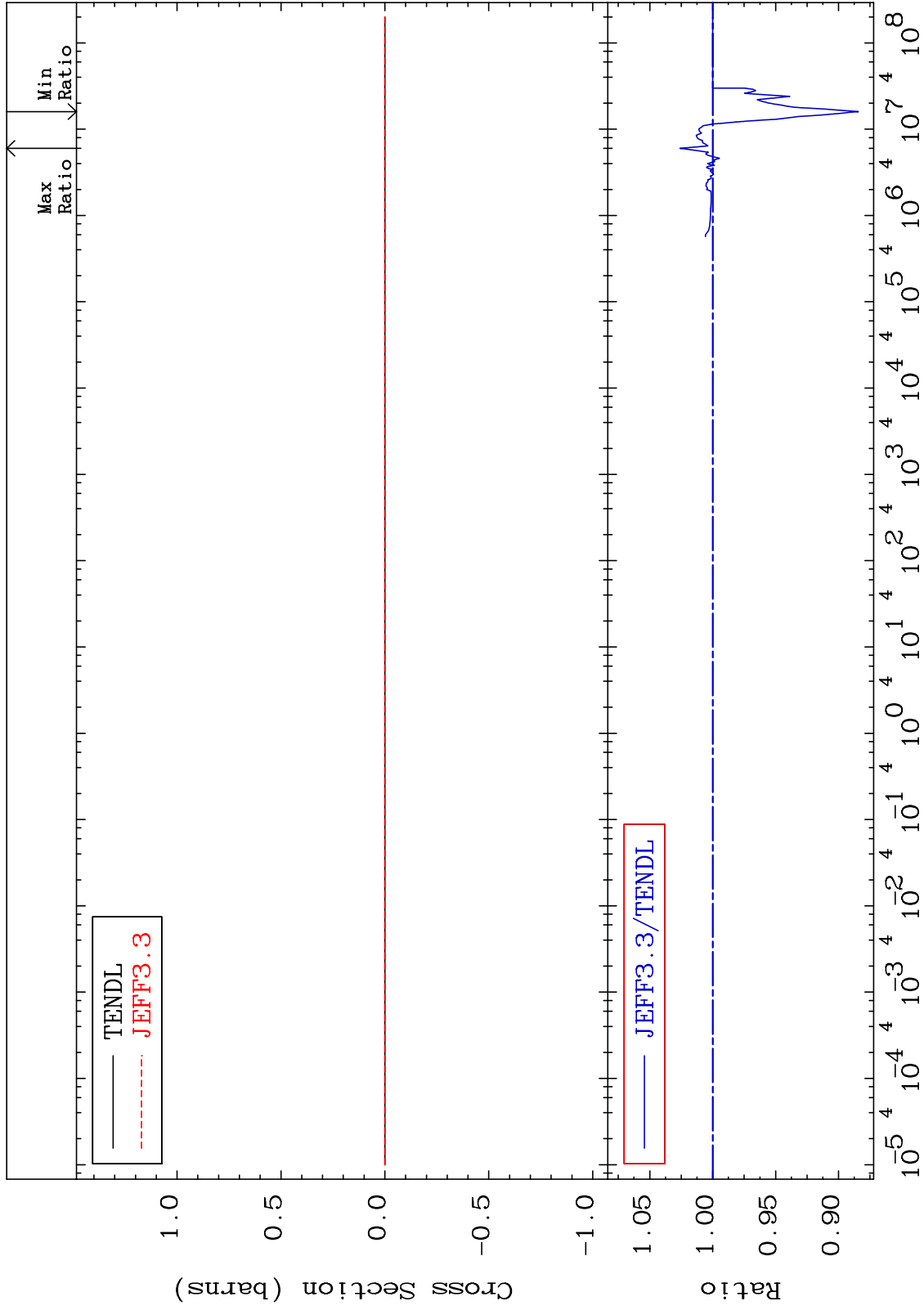
Incident Energy (eV)

34-Se-76

MAT 3431

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

34-Se-76  
-11.58 To 2.596 %



71

Incident Energy (eV)

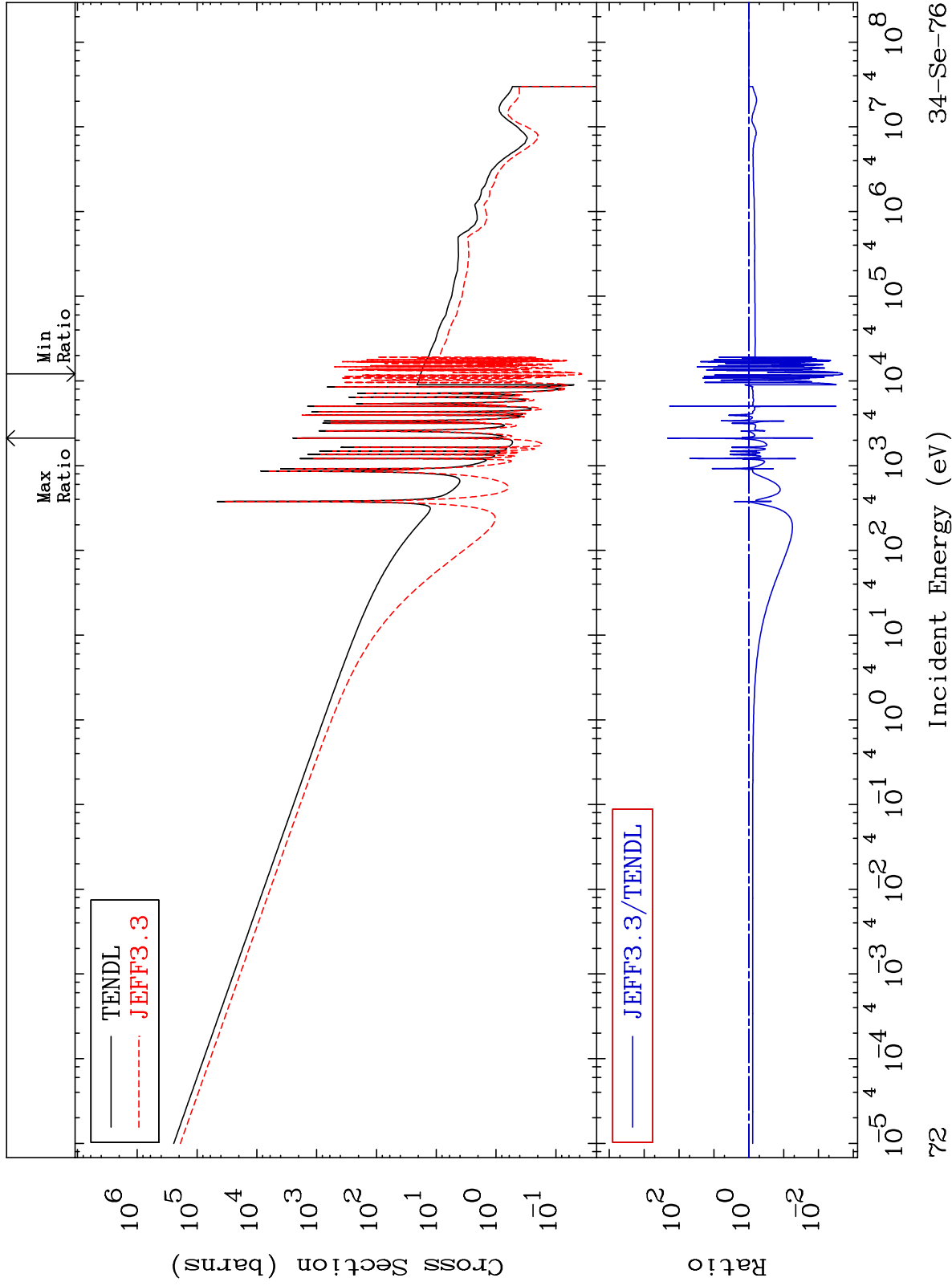
34-Se-76



MAT 3431

Kerma capture (mt102)  
Cross Section

34-Se-76  
-99.80 To 9999. %



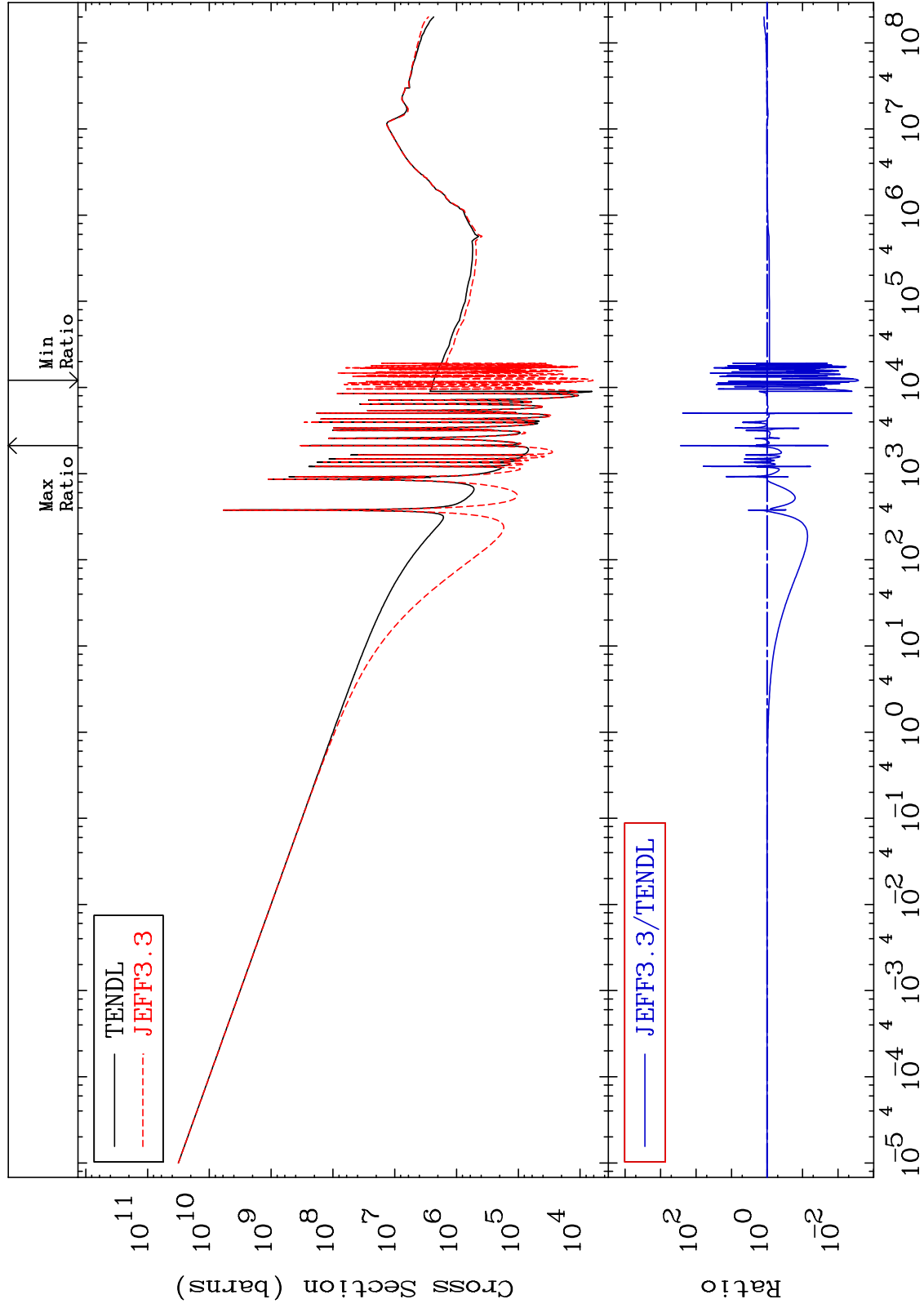
72

34-Se-76

MAT 3431

Total photon (eV-barns)  
Cross Section

34-Se-76  
-99.74 To 9999. %



73

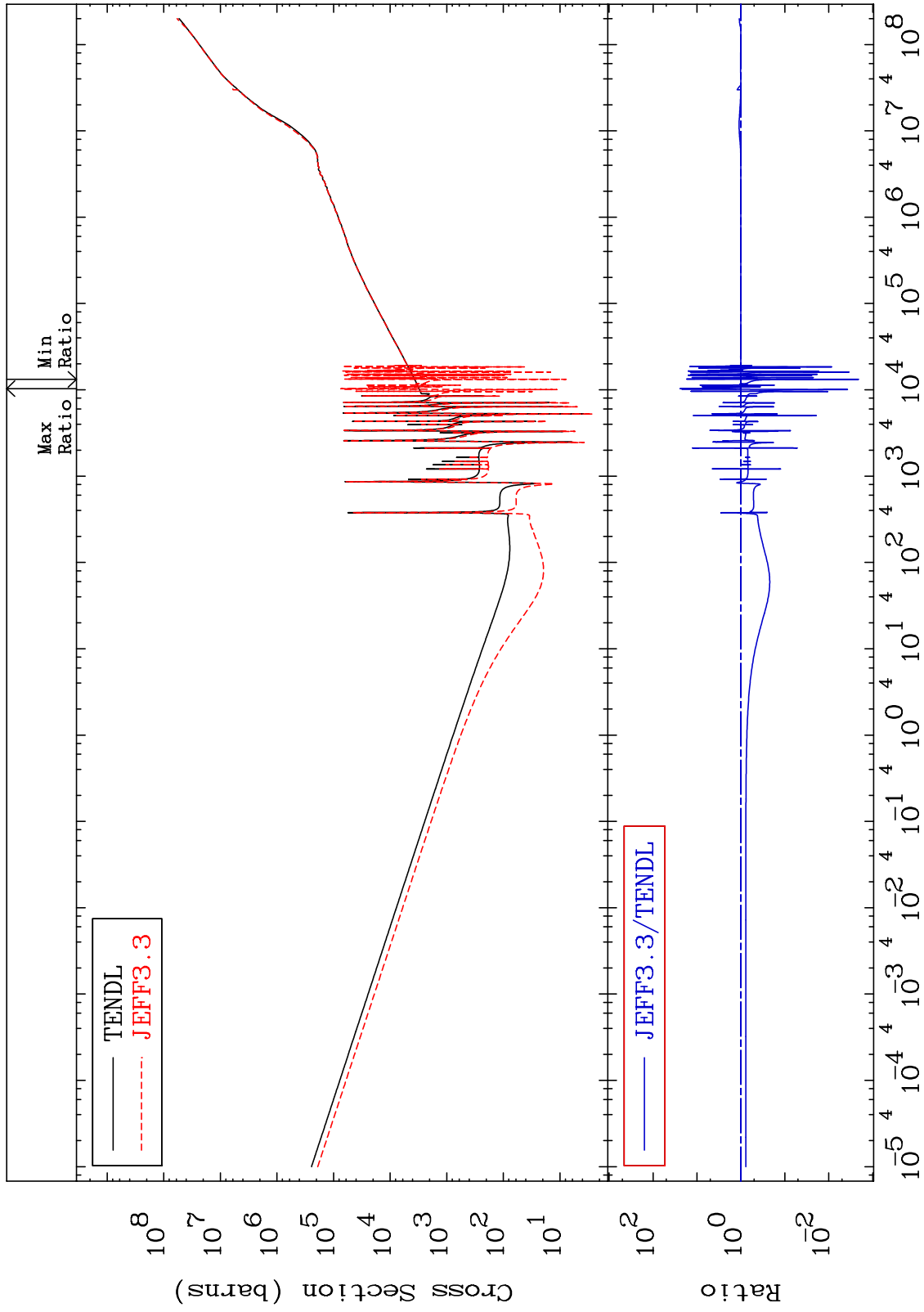
Incident Energy (eV)

34-Se-76

MAT 3431

Total kinematic kerma (high limit)  
Cross Section

34-Se-76  
-99.79 To 2330. %



74

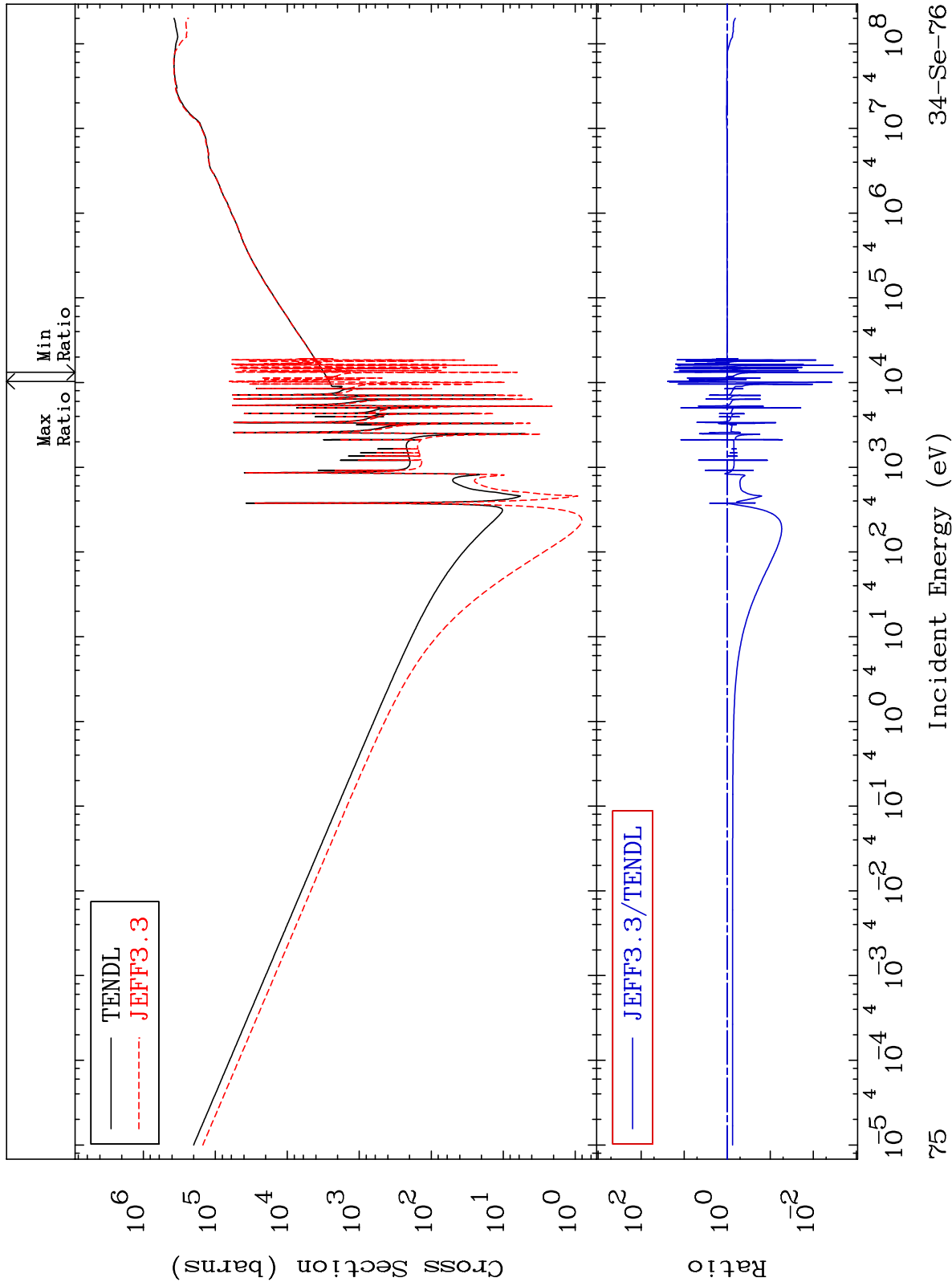
Incident Energy (eV)

34-Se-76

MAT 3431

Dpa total (eV-barns)  
Cross Section

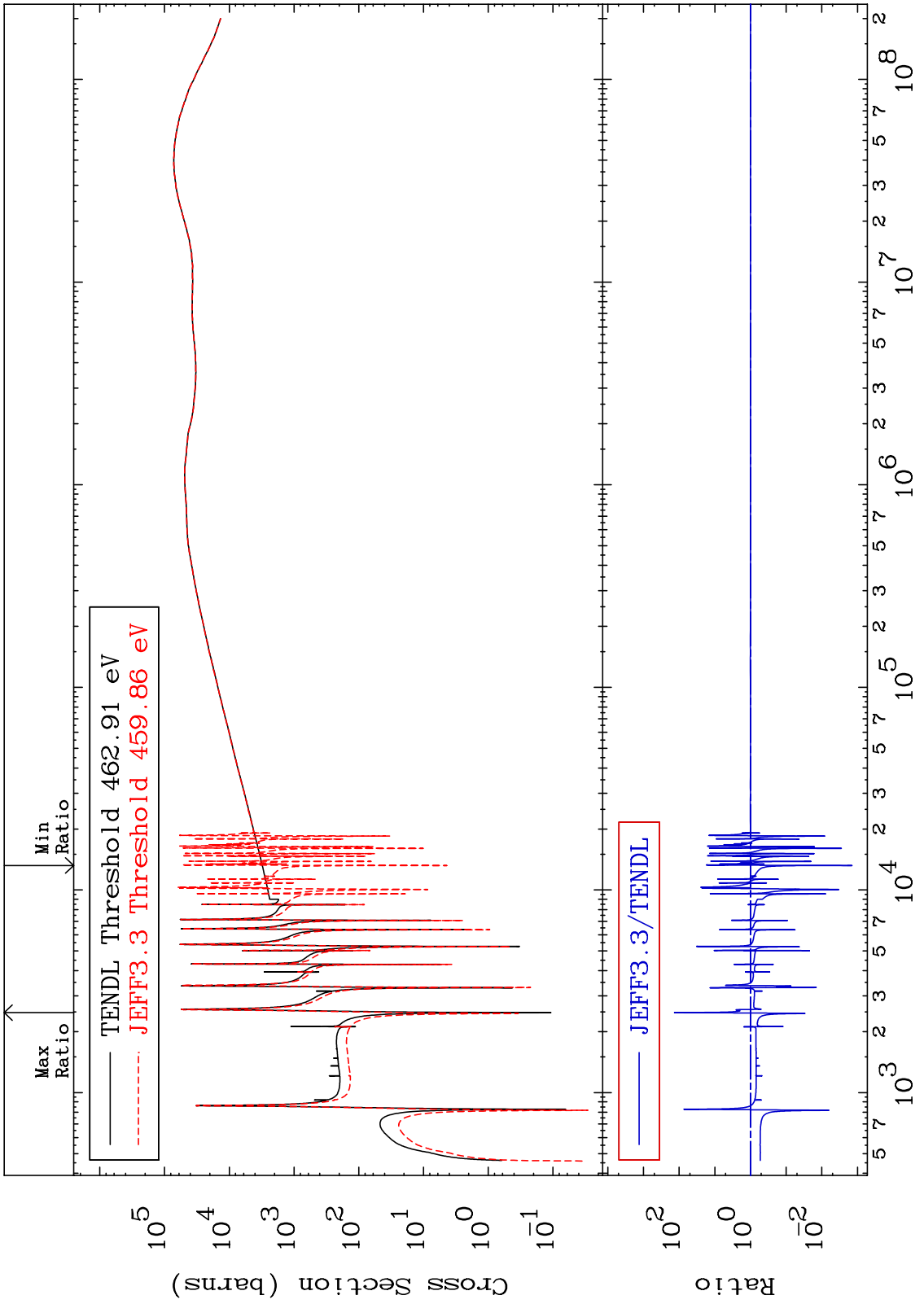
34-Se-76  
-99.79 To 2332. %



MAT 3431

Dpa elastic (mt2)  
Cross Section

34-Se-76  
-99.86 To 9999. %



76

Incident Energy (eV)

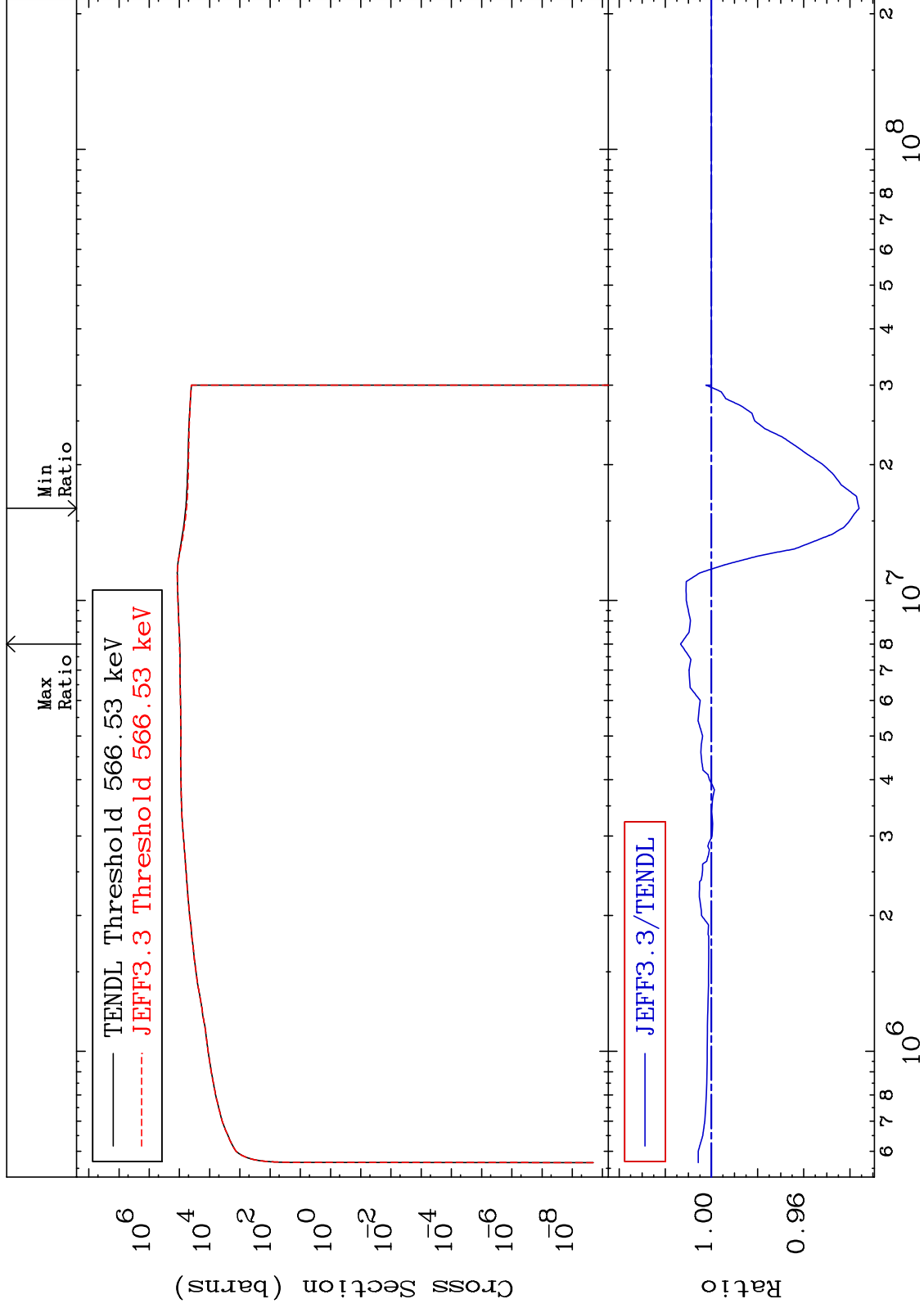
34-Se-76

MAT 3431

Dpa inelastic (mt51-91)

34-Se-76

-6.402 To 1.335 %



77

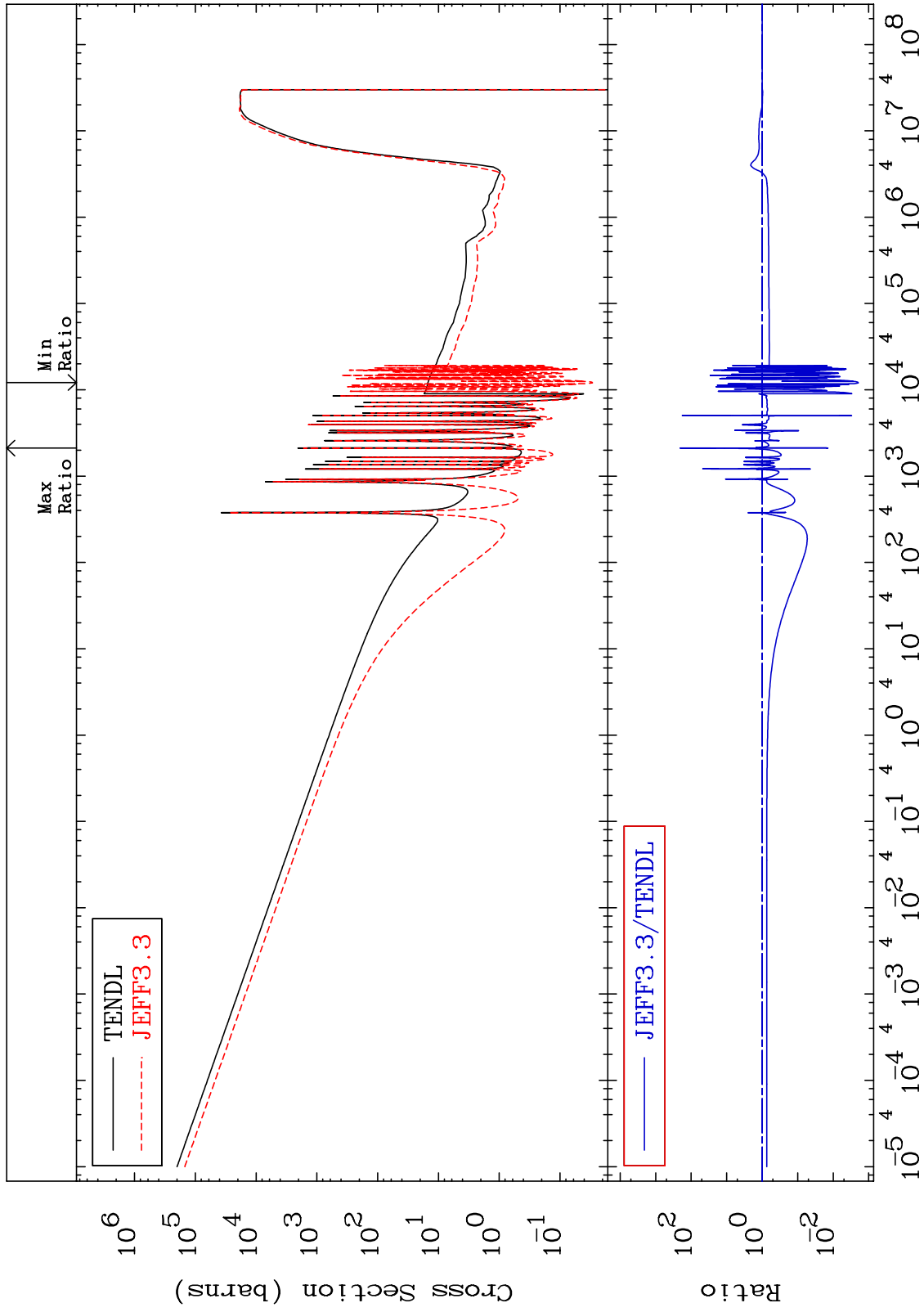
Incident Energy (eV)

34-Se-76

MAT 3431

Dpa disappearance (mt102 -120)  
Cross Section

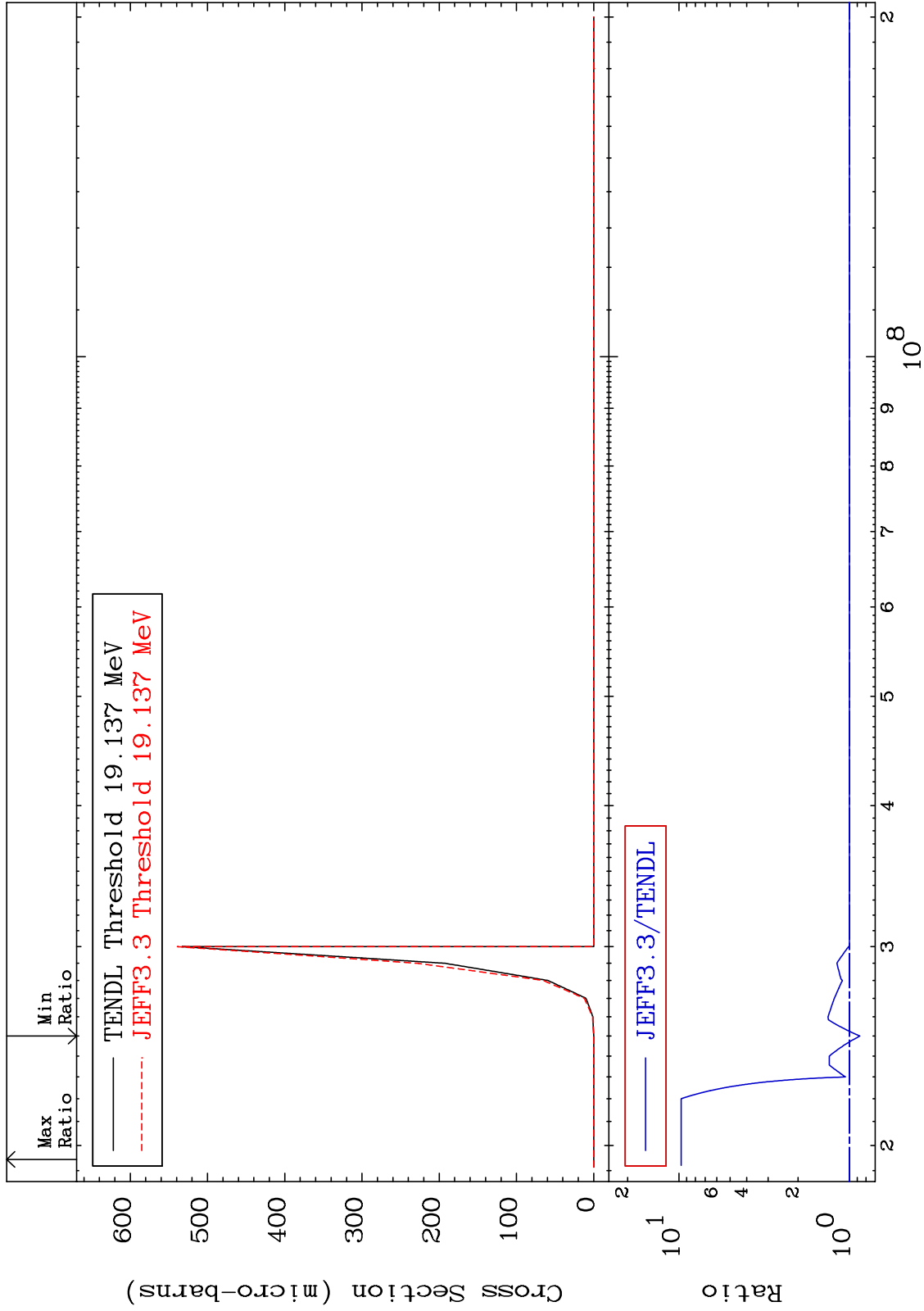
34-Se-76  
-99.80 To 9999. %



78

Incident Energy (eV)

34-Se-76



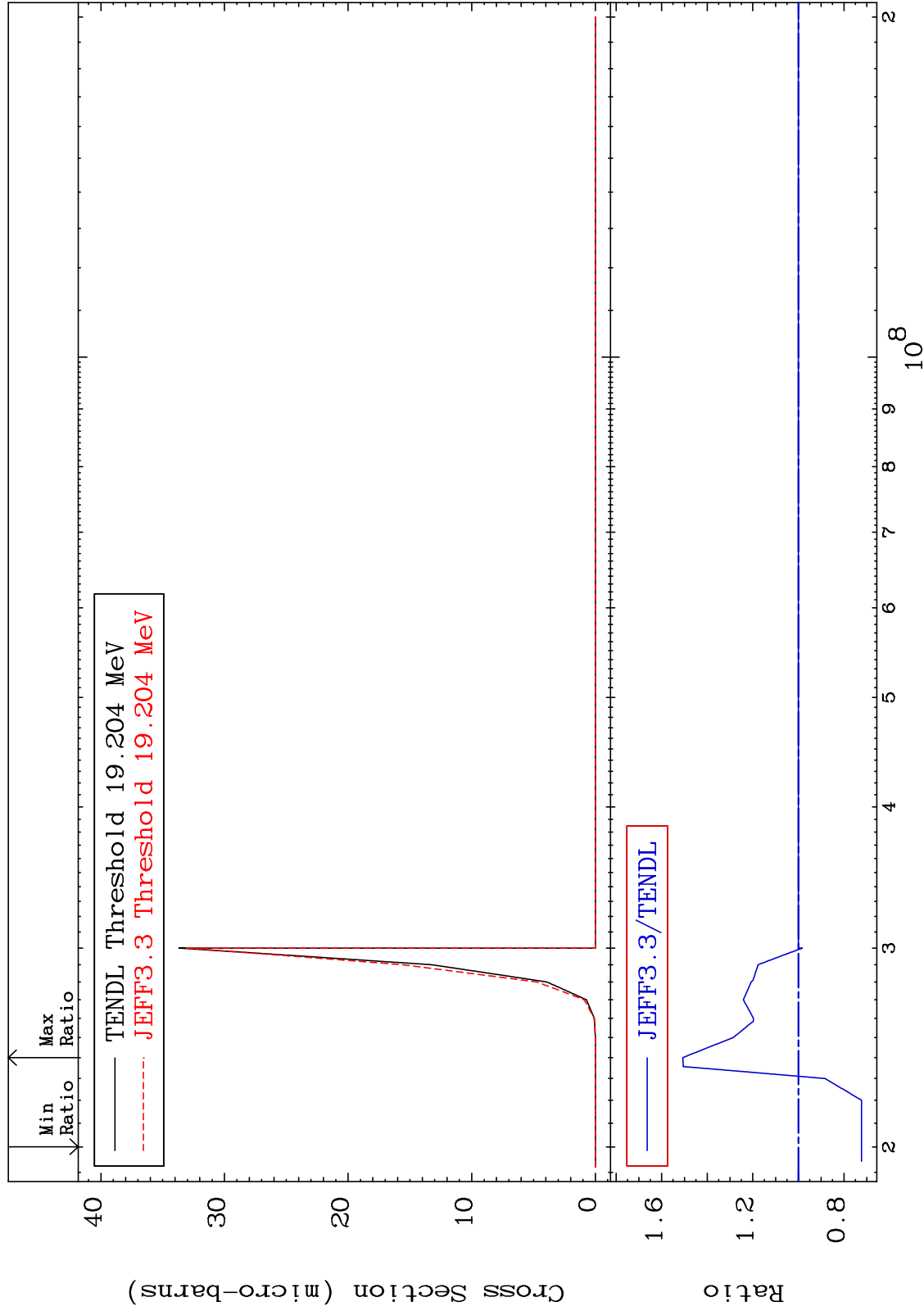


MAT 3431

(n, n') He-3:32-Ge-73m2

34-Se-76

Radionuclide Production Cross Section -27.73 To 50.70 %



80

Incident Energy (eV)

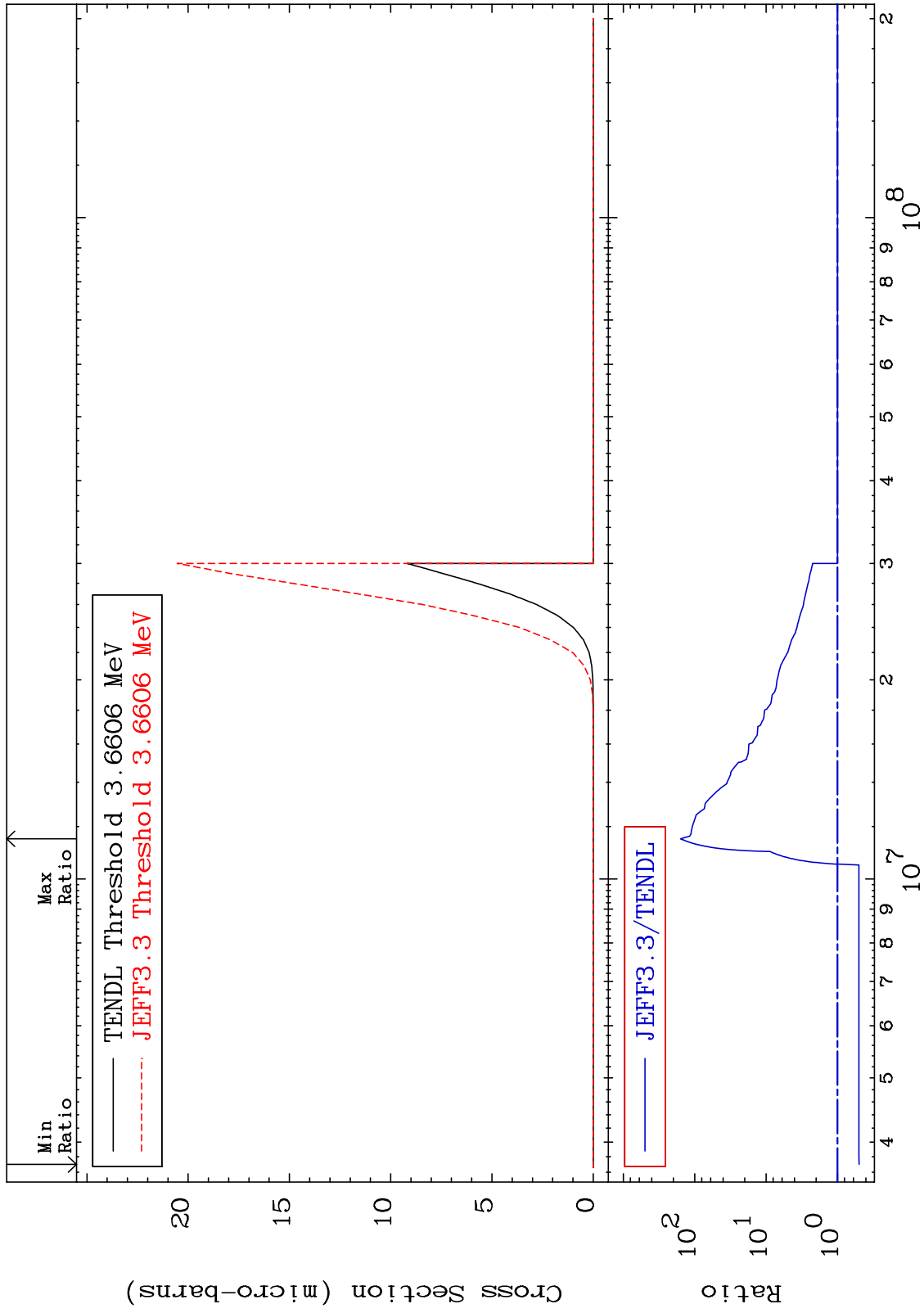
34-Se-76

MAT 3431

(n,2α):30-Zn-69g

34-Se-76

Radionuclide Production Cross Section -50.17 To 9999. %



81

Incident Energy (eV)

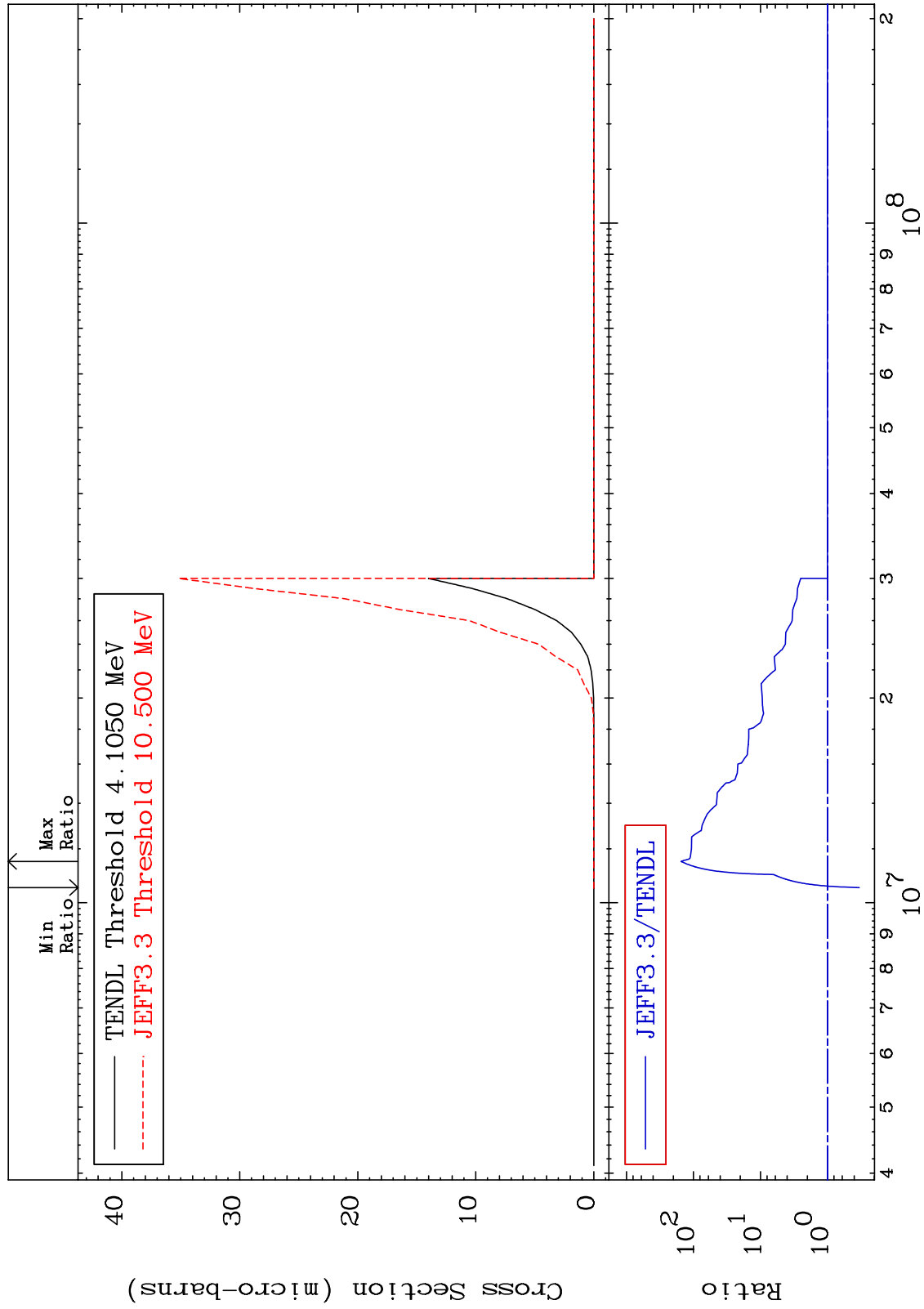
34-Se-76

MAT 3431

(n,2α):30-Zn-69m1

34-Se-76

Radionuclide Production Cross Section -66.48 To 9999. %



82

Incident Energy (eV)

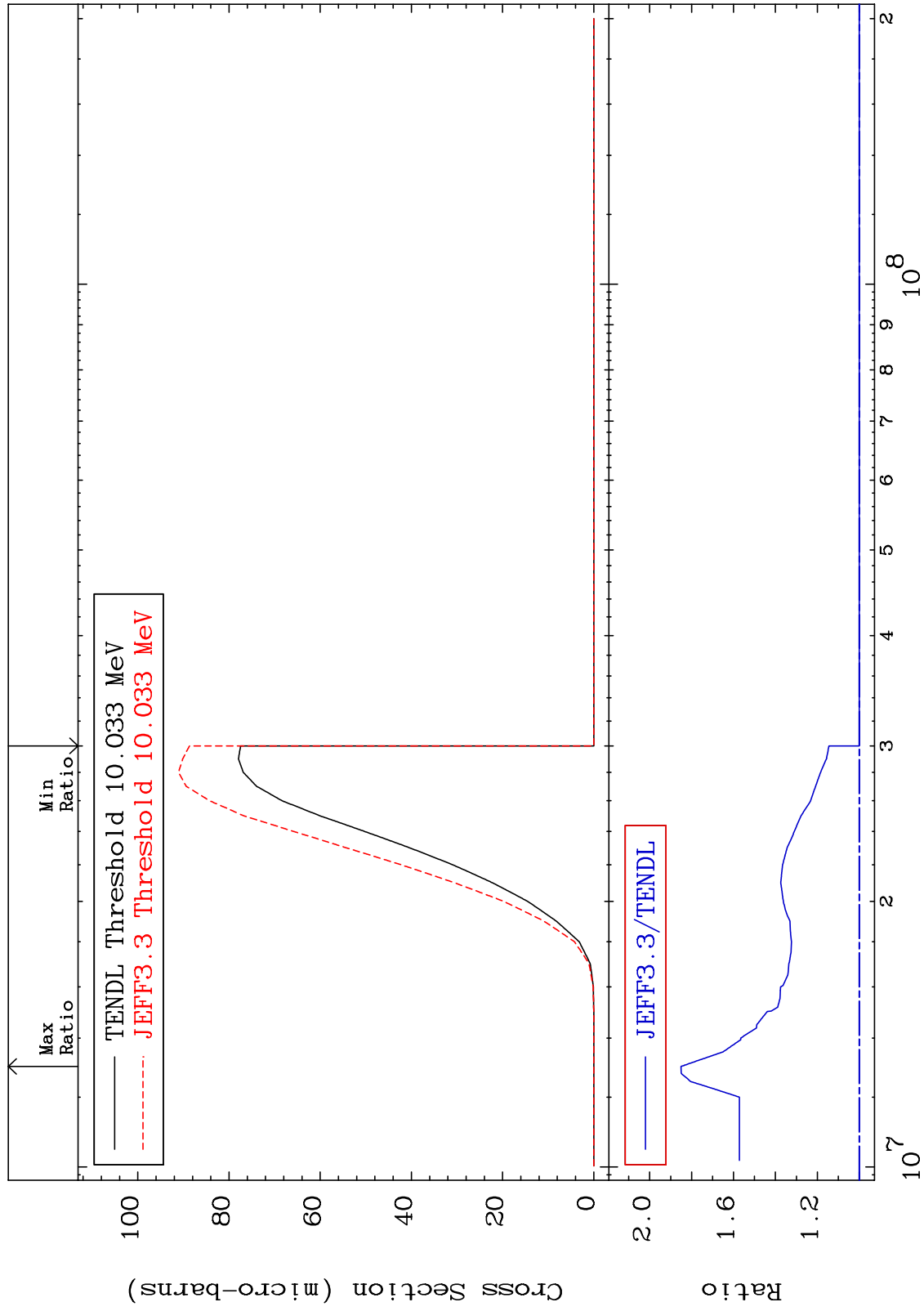
34-Se-76

MAT 3431

(n,2p) : 32-Ge-75g

34-Se-76

Radionuclide Production Cross Section 0.000 To 85.03 %



Incident Energy (eV)

34-Se-76

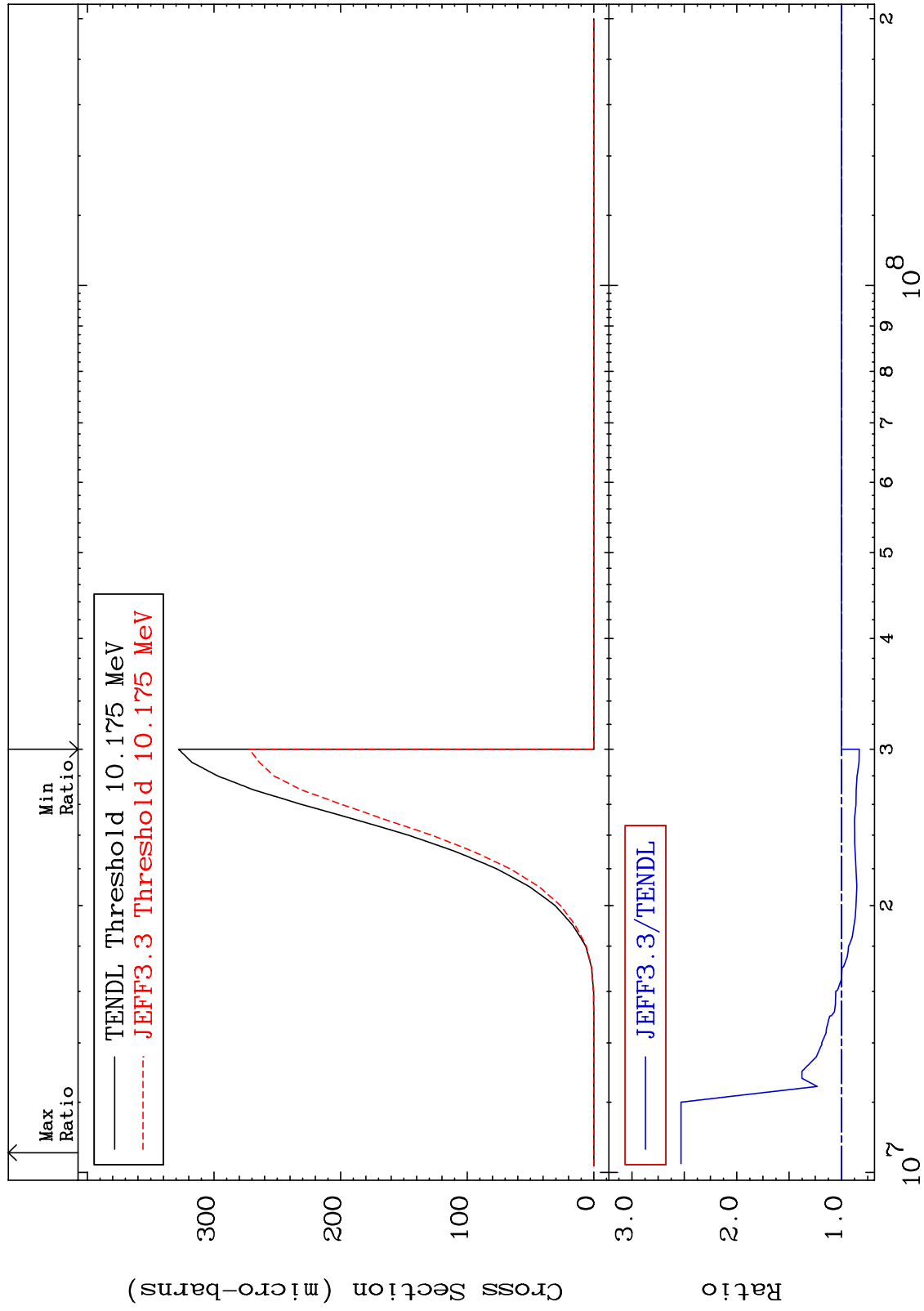
83

MAT 3431

(n,2p):32-Ge-75m2

34-Se-76

Radionuclide Production Cross Section -17.03 To 153.1 %



84

Incident Energy (eV)

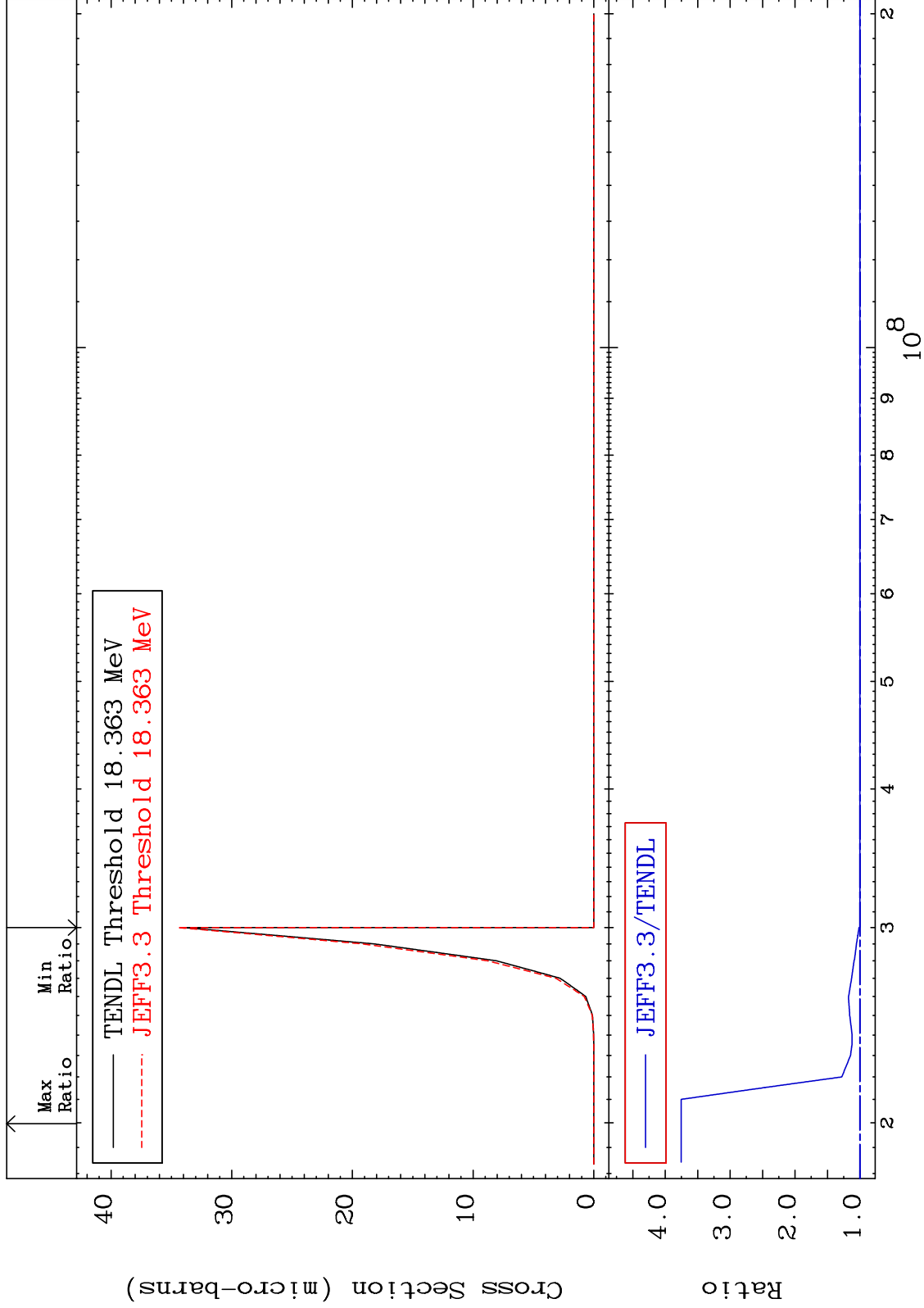
34-Se-76

MAT 3431

(n,p) t:32-Ge-73g

34-Se-76

Radionuclide Production Cross Section 0.000 To 275.3 %



85

Incident Energy (eV)

34-Se-76

MAT 3431

(n, p) t: 32-Ge-73m2

34-Se-76

Radionuclide Production Cross Section -3.604 To 90.46 %

