

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

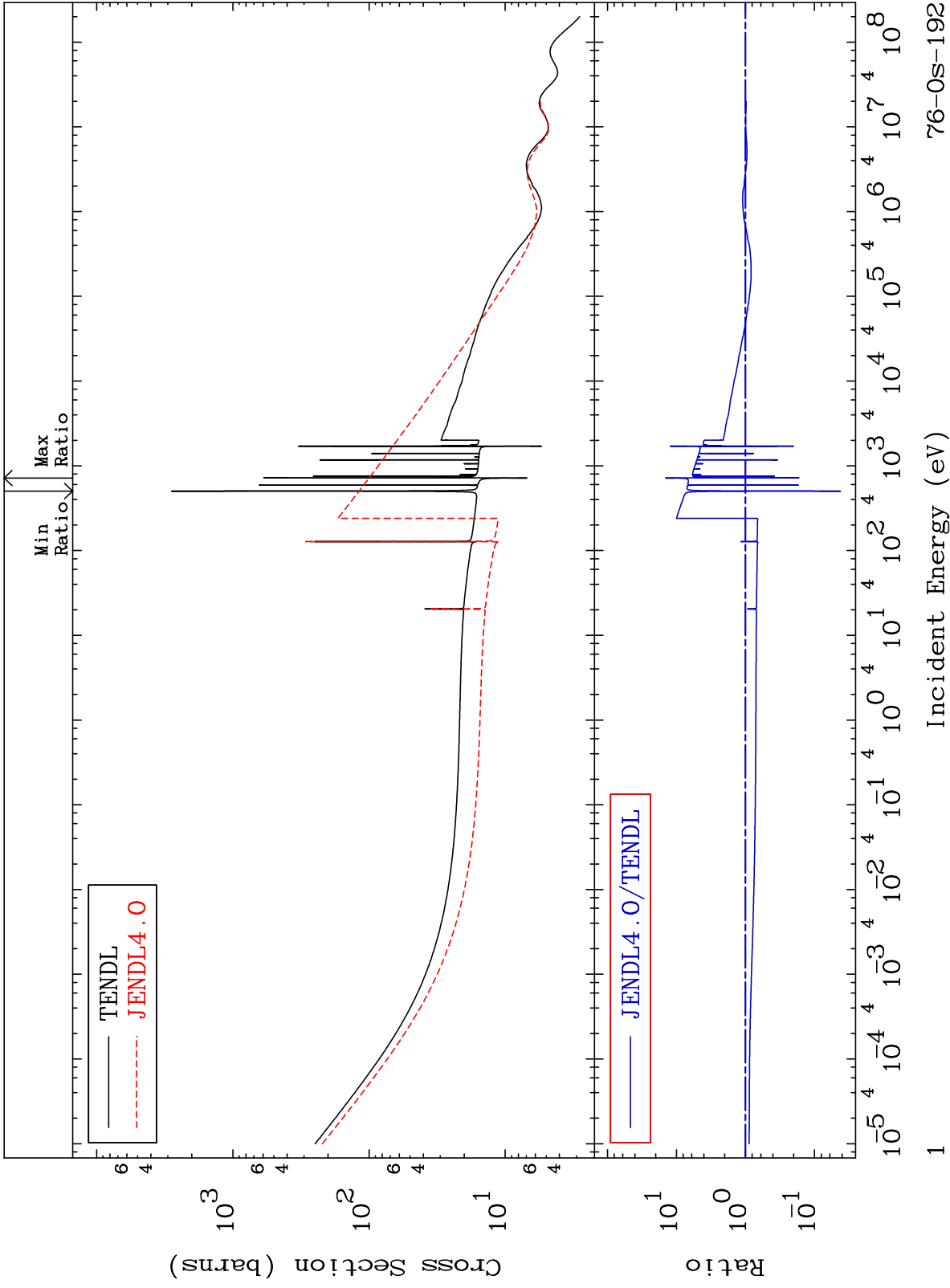
MAT 7649

Total

76-0s-192

-95.81 To 1346. %

Cross Section



76-0s-192

Incident Energy (eV)

1

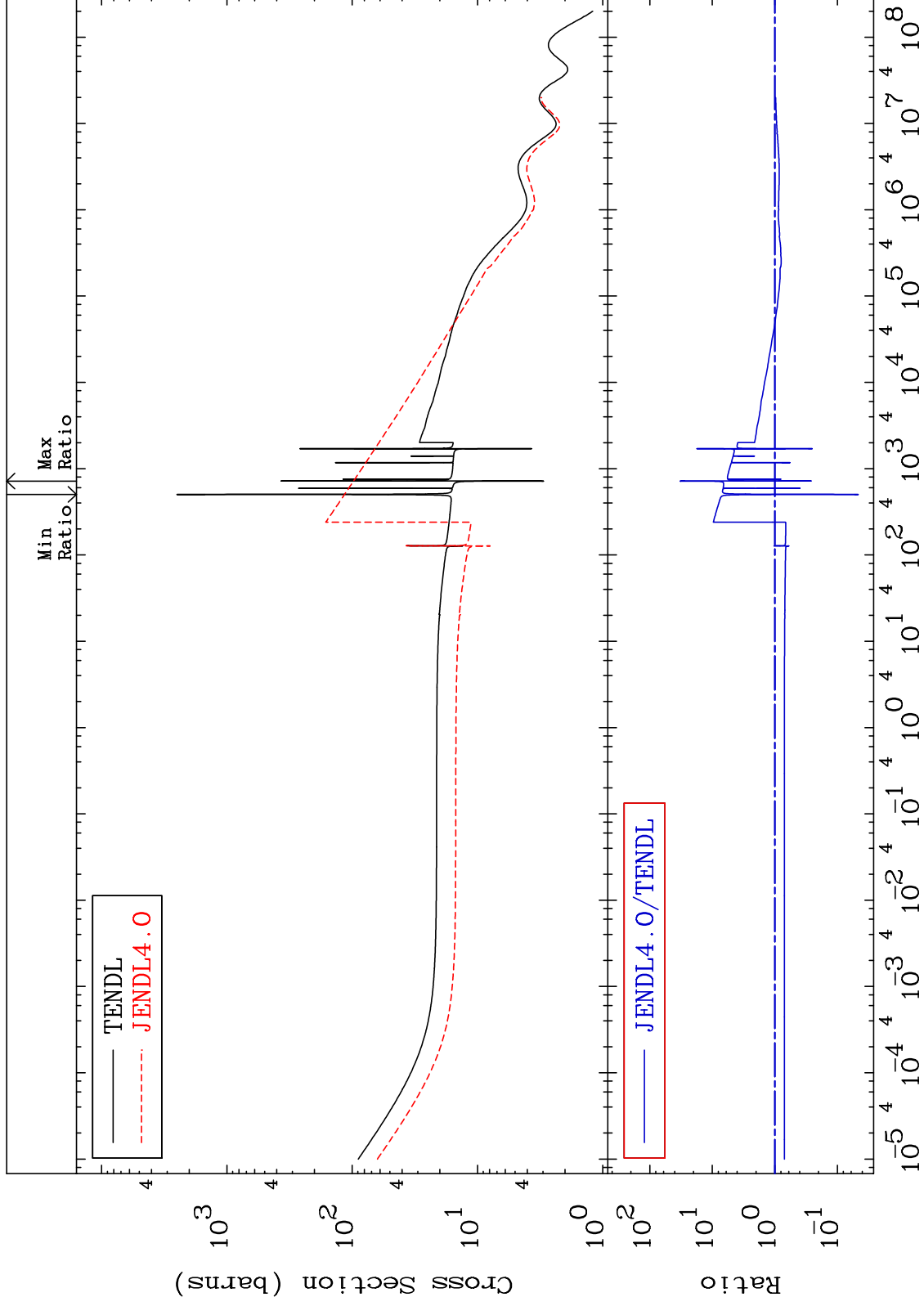
MAT 7649

Elastic

Cross Section

76-0s-192

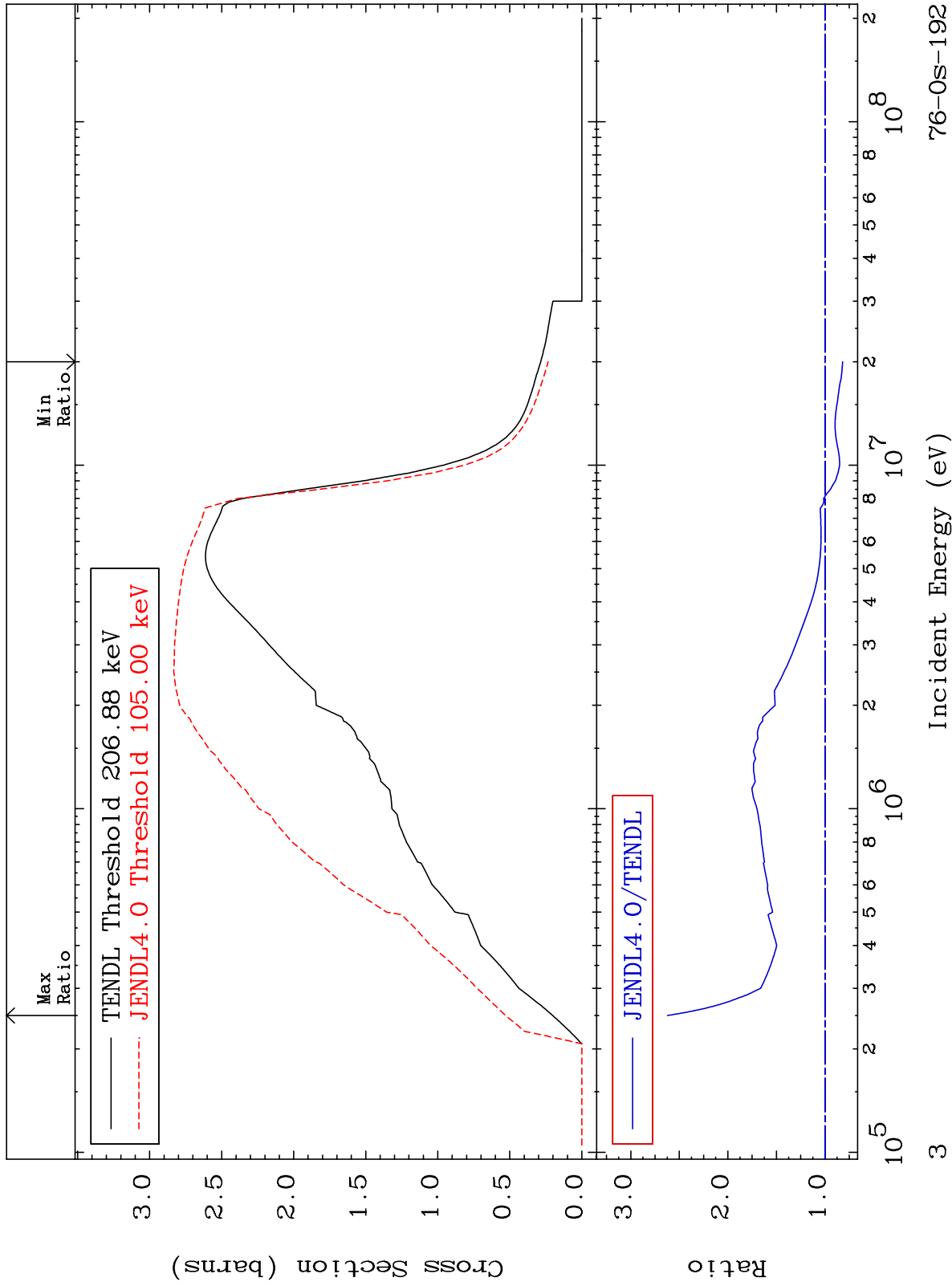
-95.40 To 3183. %



Incident Energy (eV)

76-0s-192

MAT 7649 Inelastic Cross Section 76-0s-192 -18.22 To 162.1 %



76-0s-192

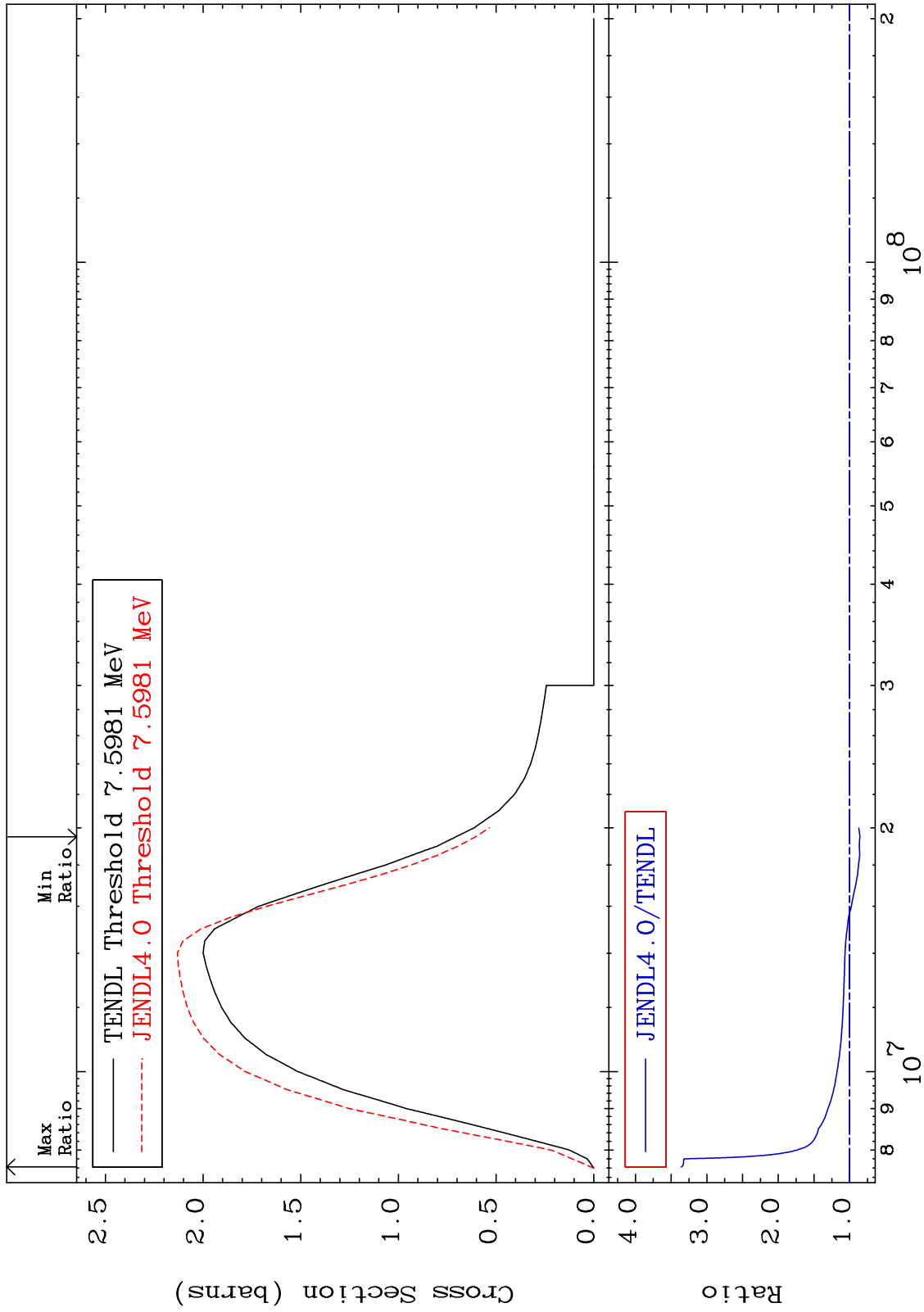
MAT 7649

(n,2n)

76-0s-192

Cross Section

-14.30 To 235.8 %



76-0s-192

Incident Energy (eV)

MAT 7649

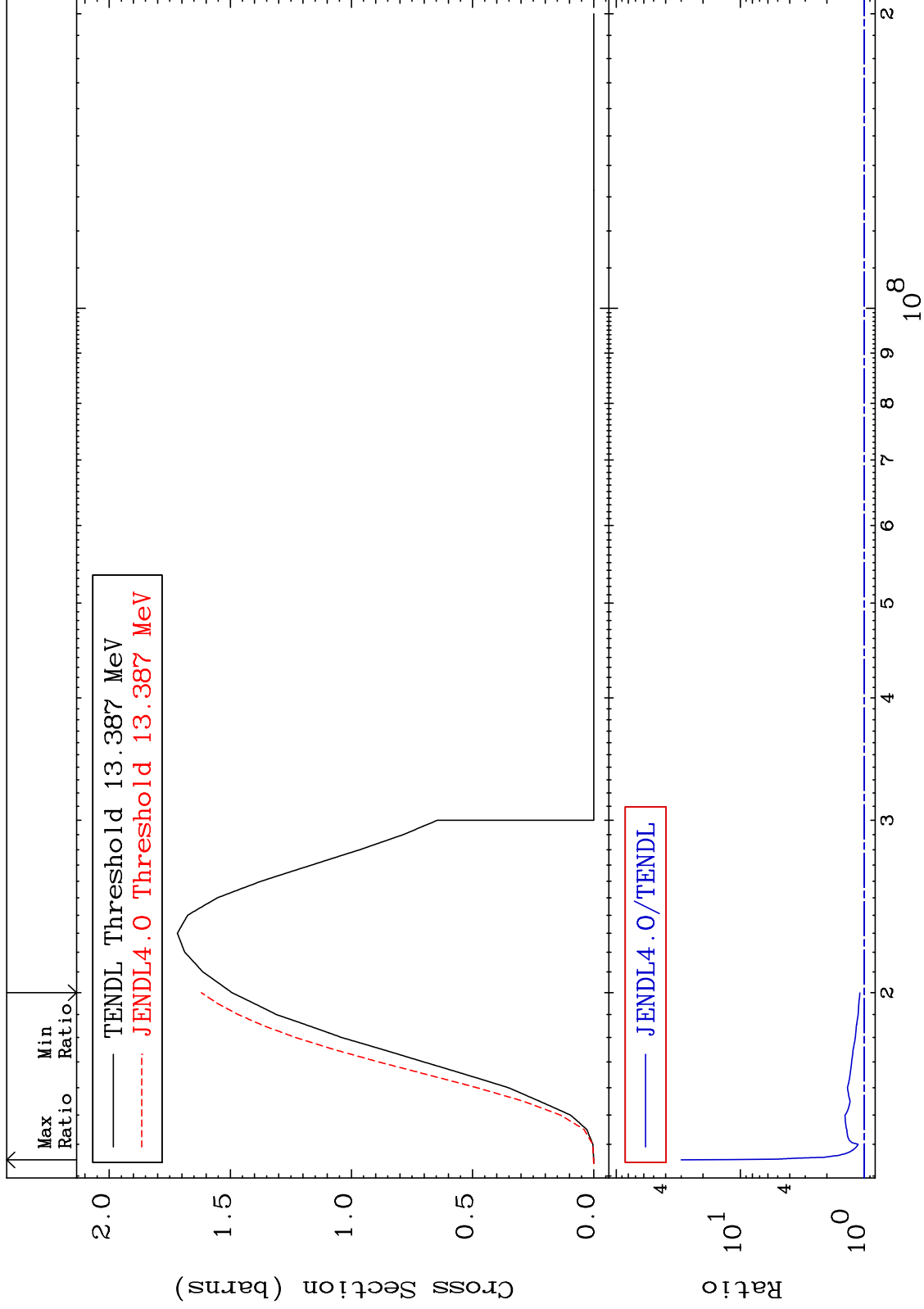
(n,3n)

76-0s-192

Cross Section

8.495

To 2897. %



5

Incident Energy (eV)

76-0s-192

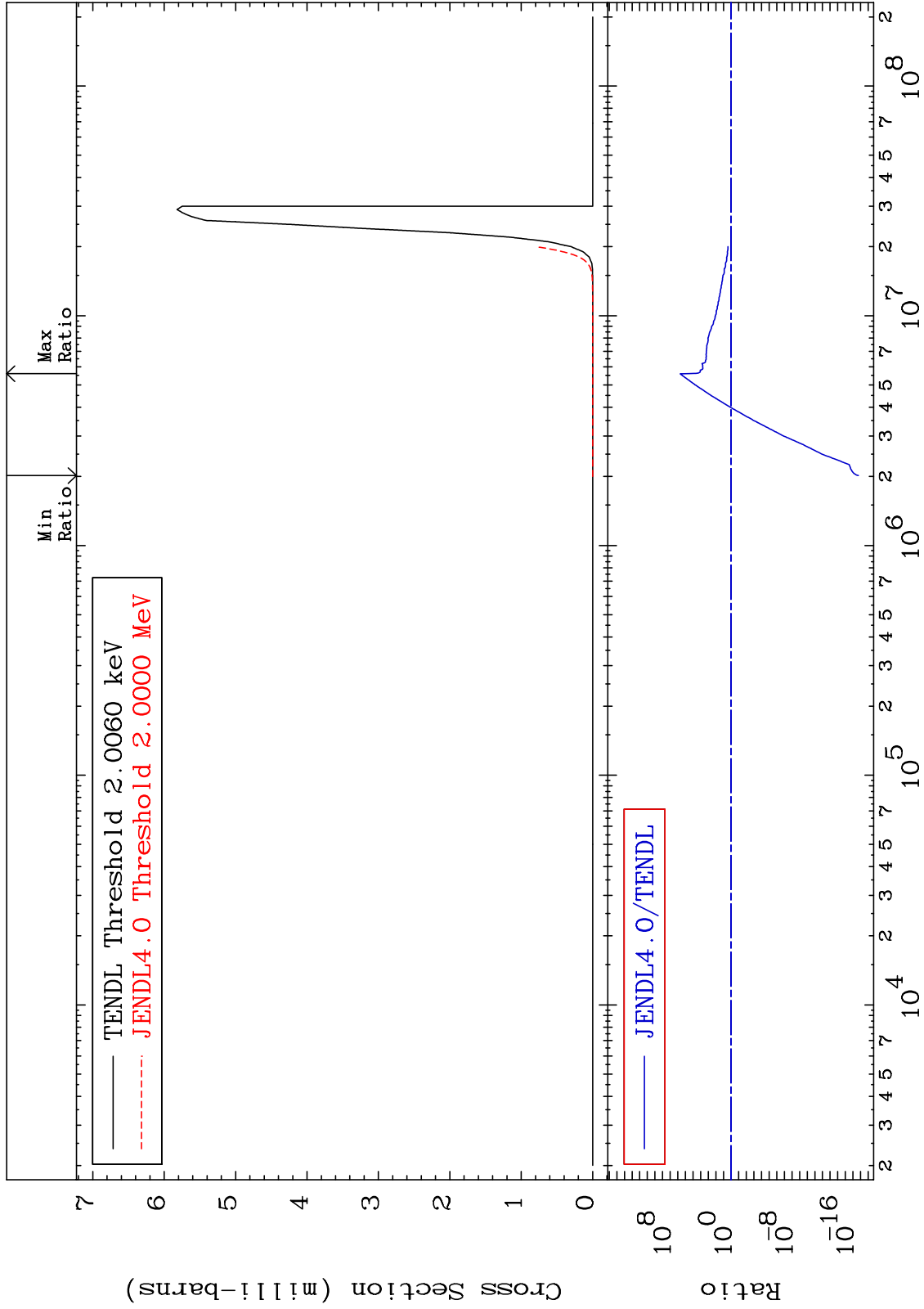
MAT 7649

(n,n')  $\alpha$

76-0s-192

Cross Section

-100.0 To 9999. %



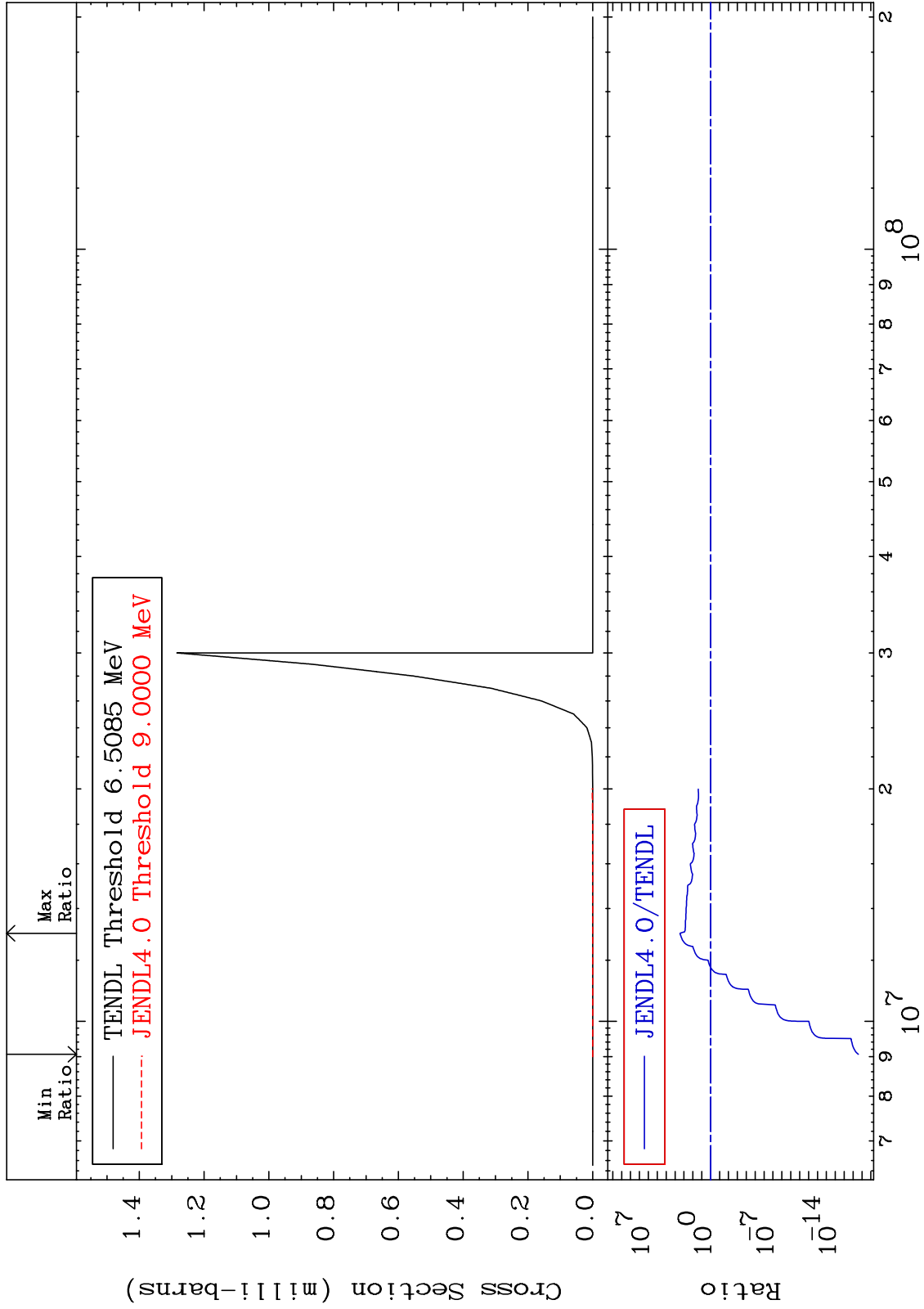
MAT 7649

(n,2n)  $\alpha$

76-0s-192

Cross Section

-100.0 To 9999. %



7

Incident Energy (eV)

76-0s-192



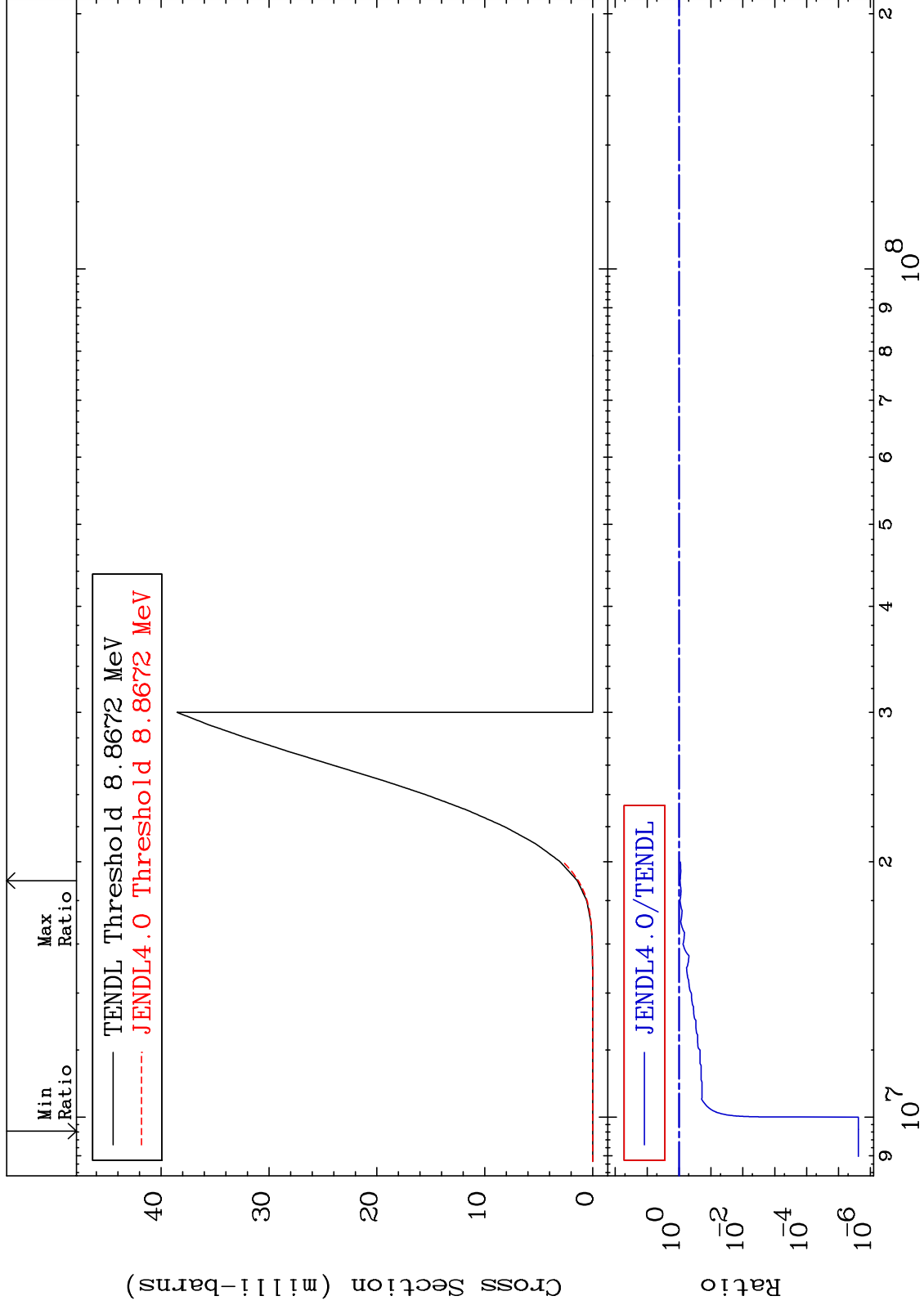
MAT 7649

(n,n') p

76-0s-192

Cross Section

-100.0 To -6.698%



8

Incident Energy (eV)

76-0s-192

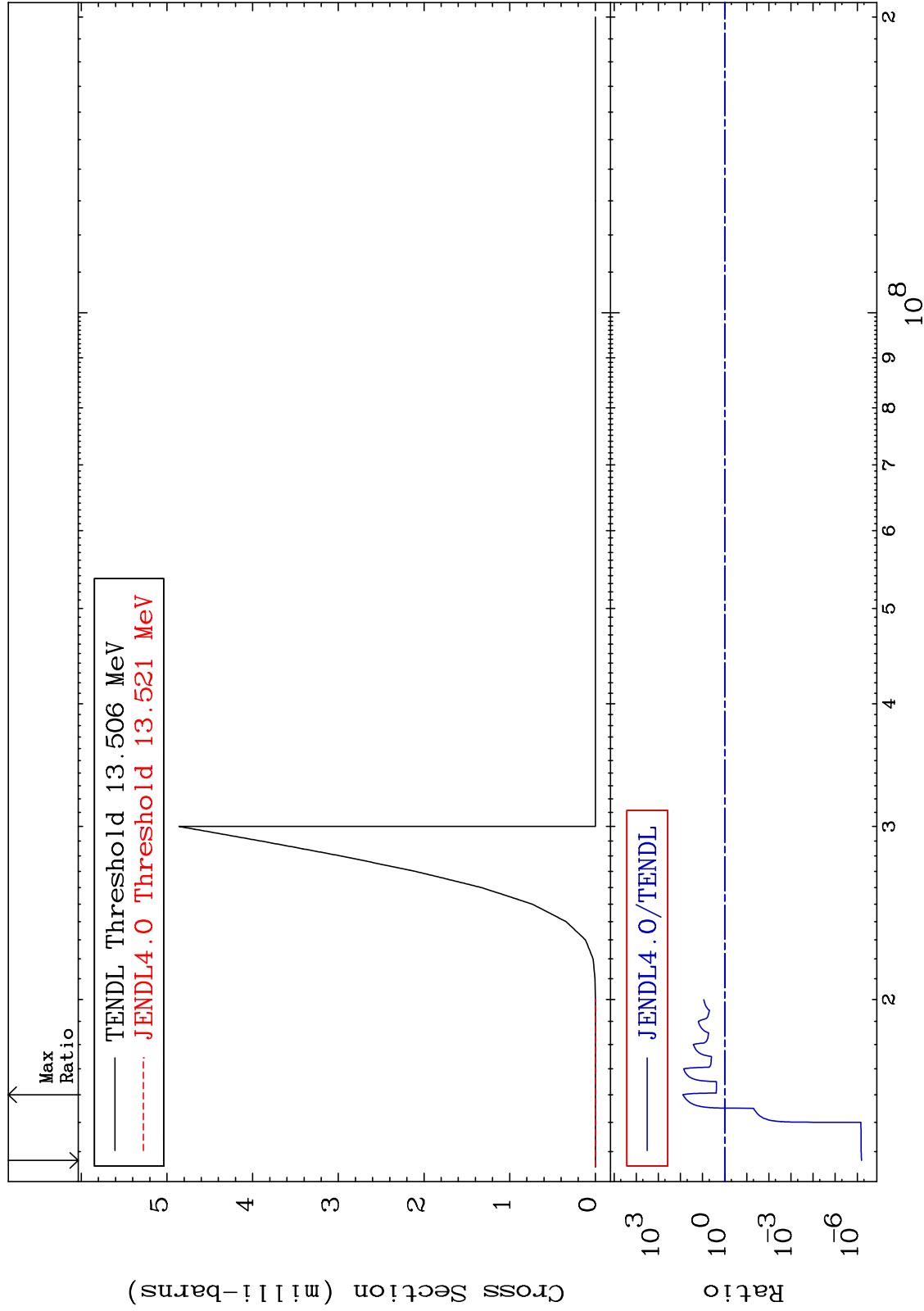
MAT 7649

(n,n') d

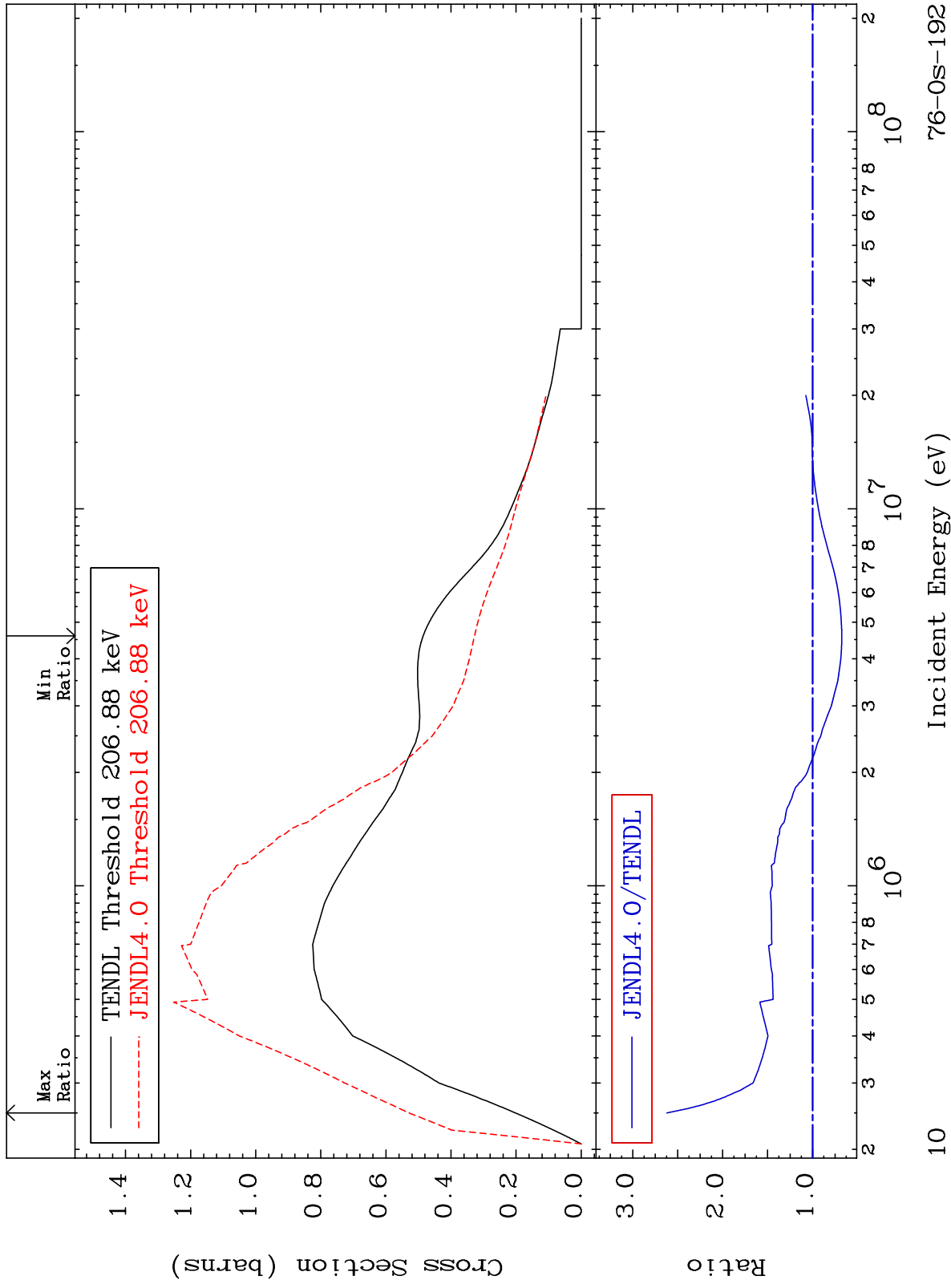
76-0s-192

Cross Section

-100.0 To 7656. %

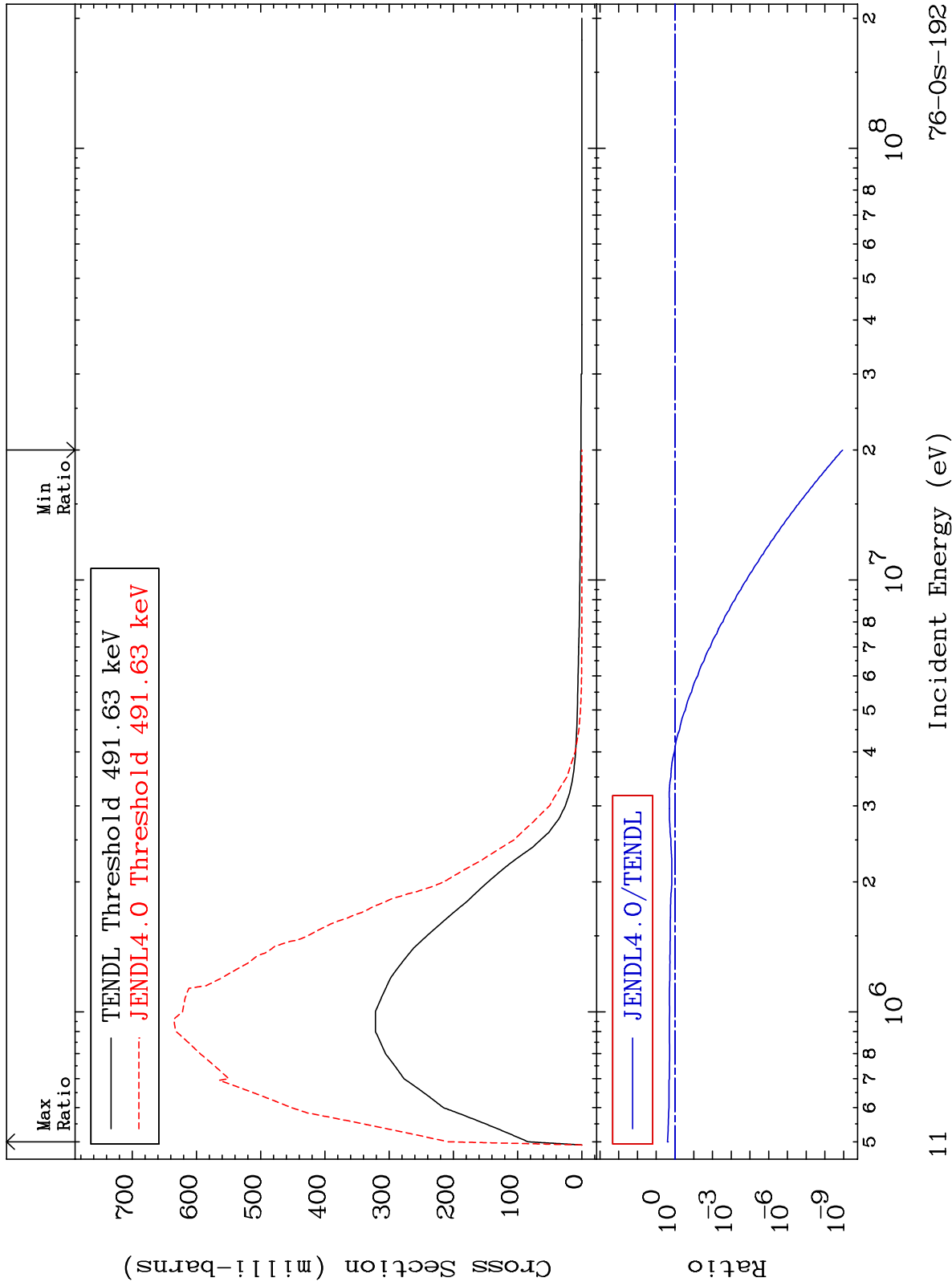


MAT 7649      MT= 51 (n,n') Level      76-0s-192  
Cross Section      -32.51 To 162.1 %

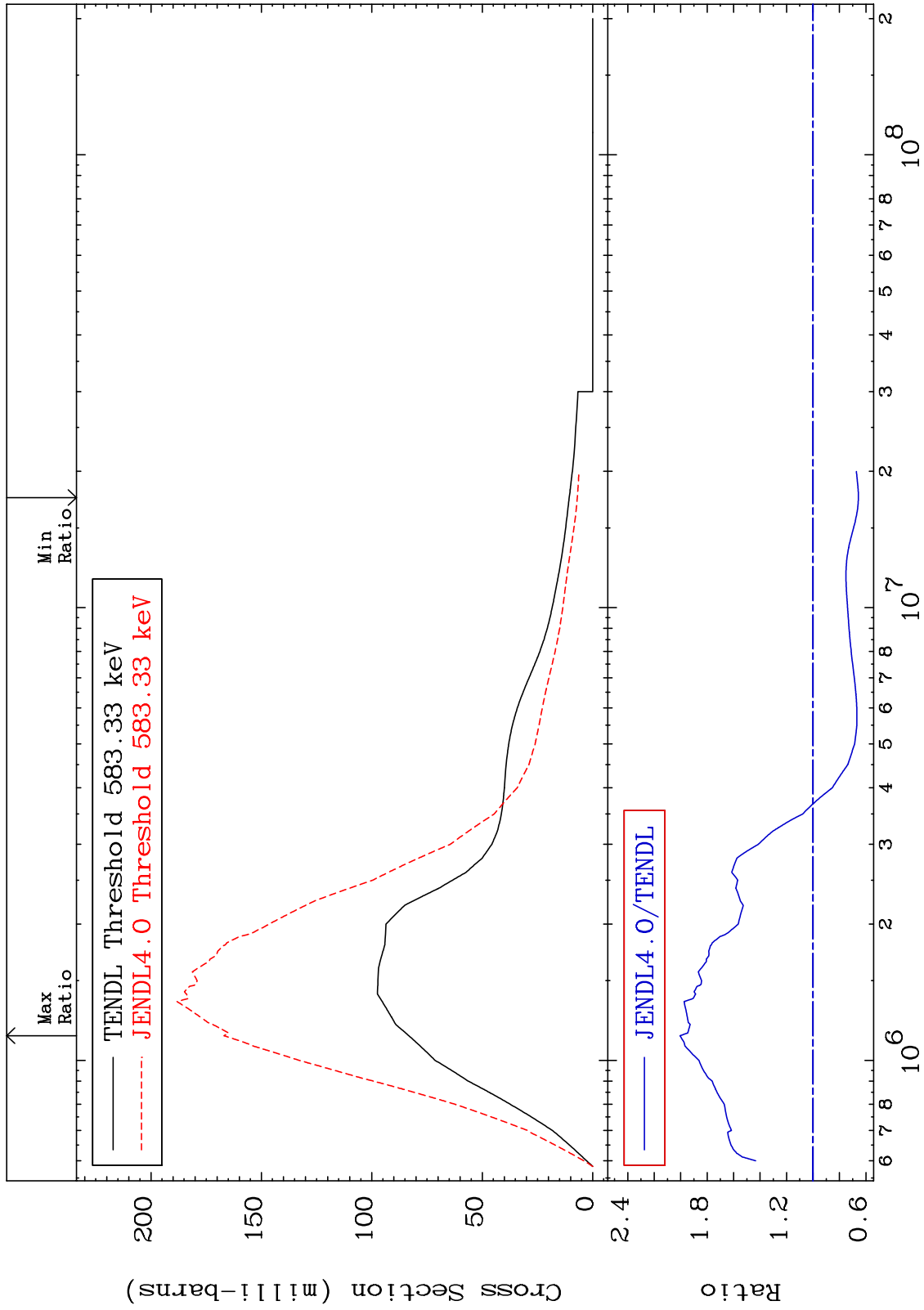


10      Incident Energy (eV)      76-0s-192

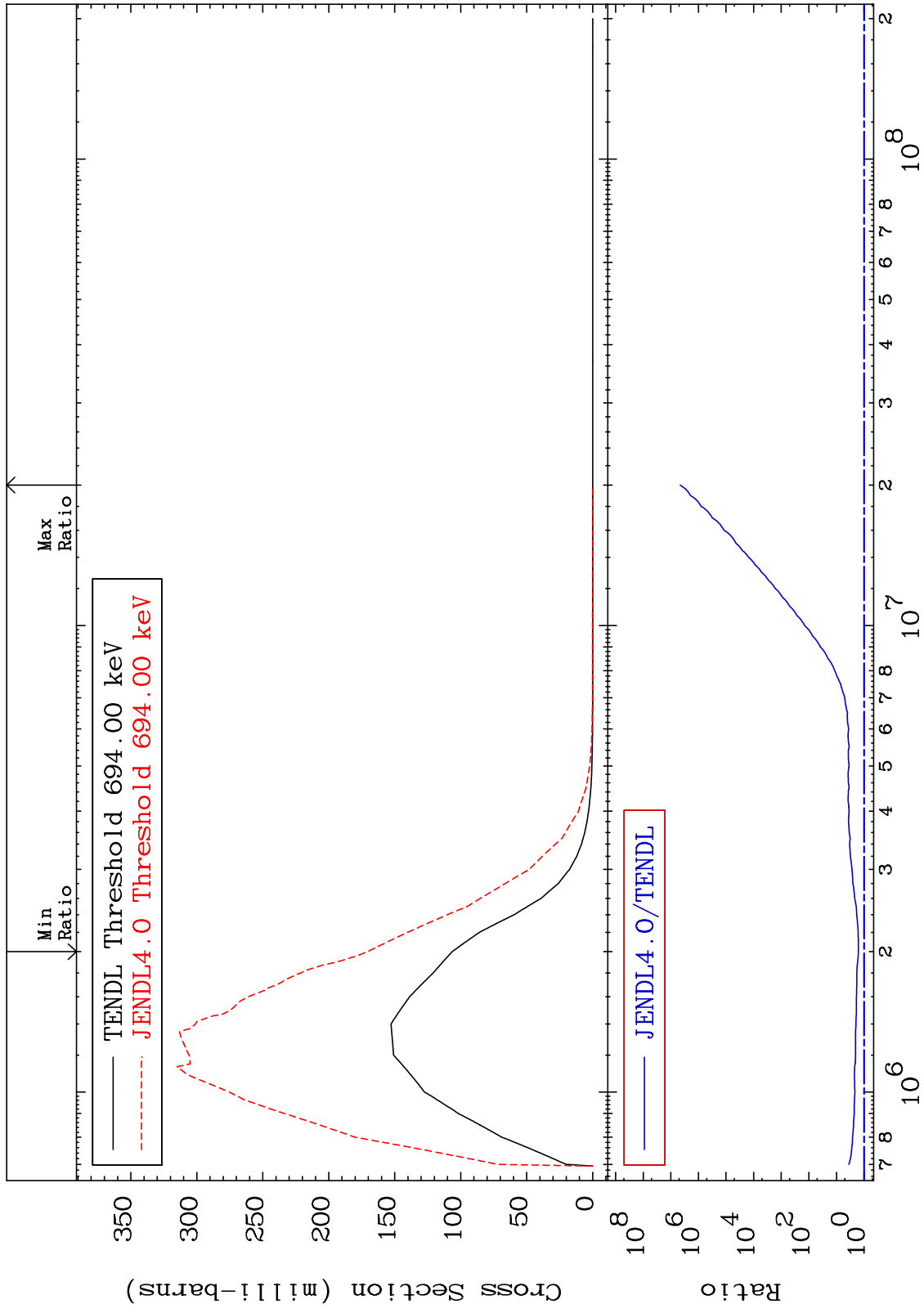
MAT 7649 MT= 52 (n,n') Level Cross Section 76-0s-192  
 -100.0 To 148.9 %



MAT 7649      MT= 53 (n,n') Level      76-0s-192  
Cross Section      -34.34 To 100.5 %



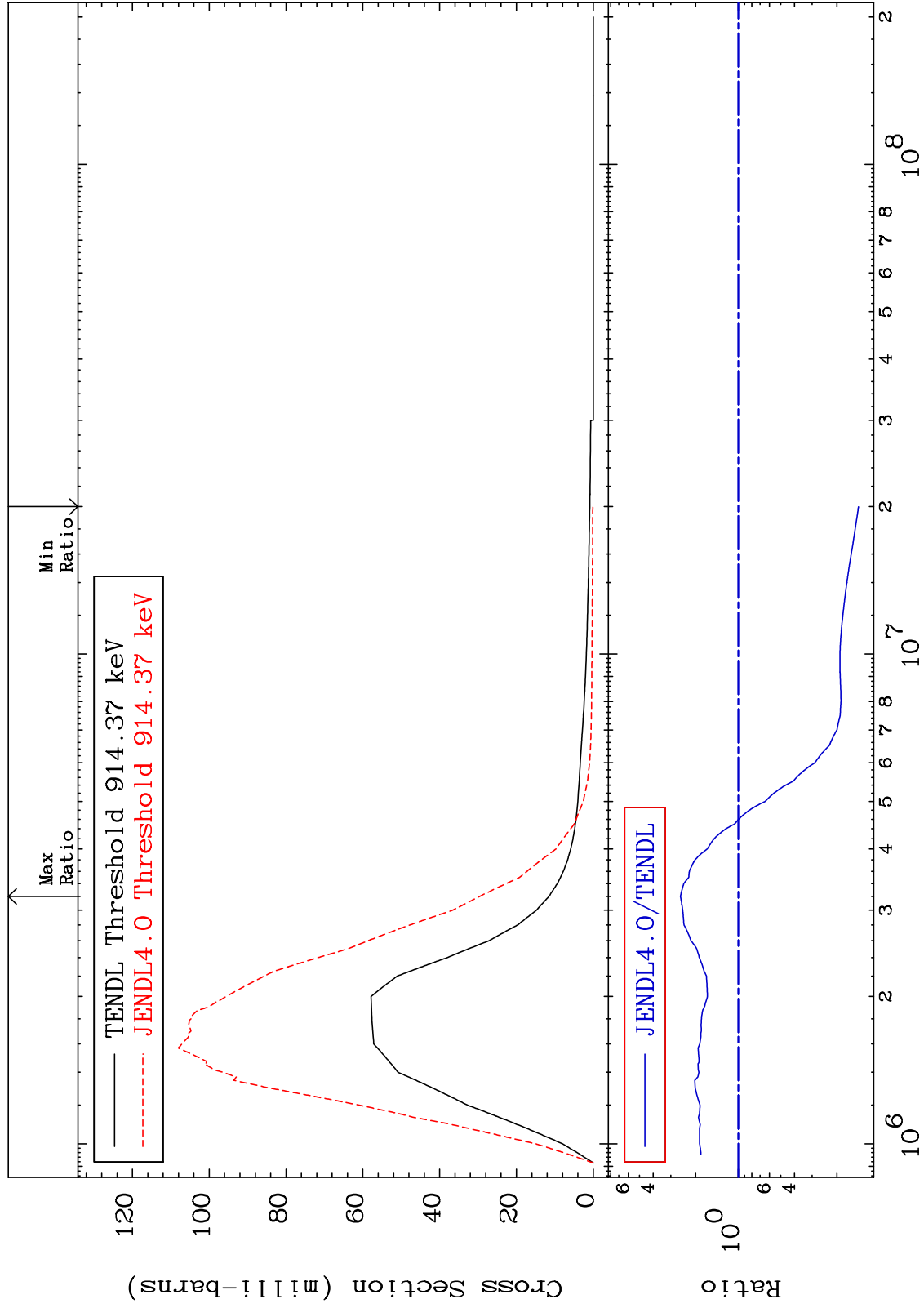
MAT 7649      MT= 54 (n,n') Level      76-0s-192  
 Cross Section      60.34 To 9999. %



MAT 7649

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

76-0s-192  
-85.95 To 156.4 %



14

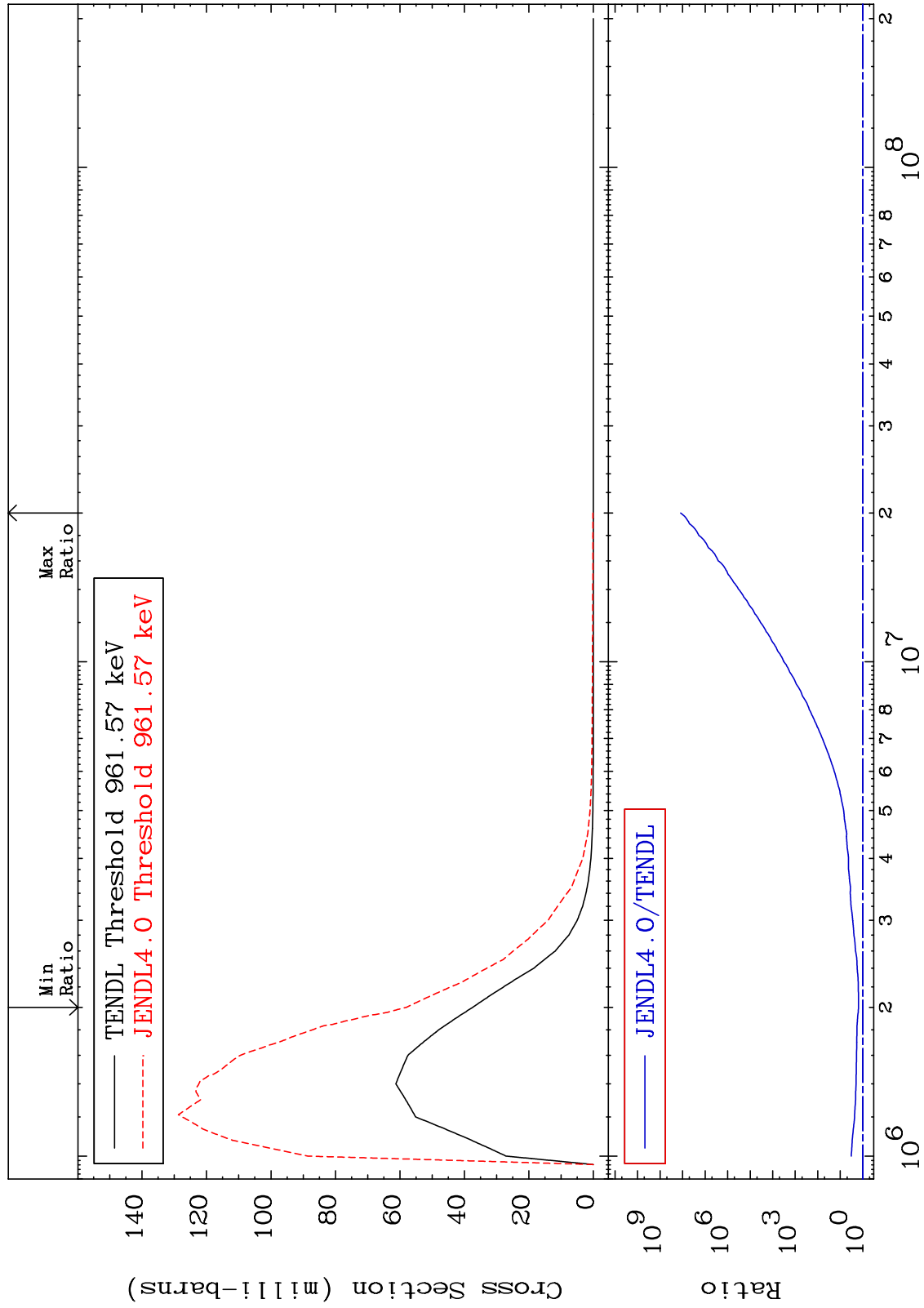
Incident Energy (eV)

76-0s-192

MAT 7649

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

76-0s-192  
55.13 To 9999. %



76-0s-192

Incident Energy (eV)

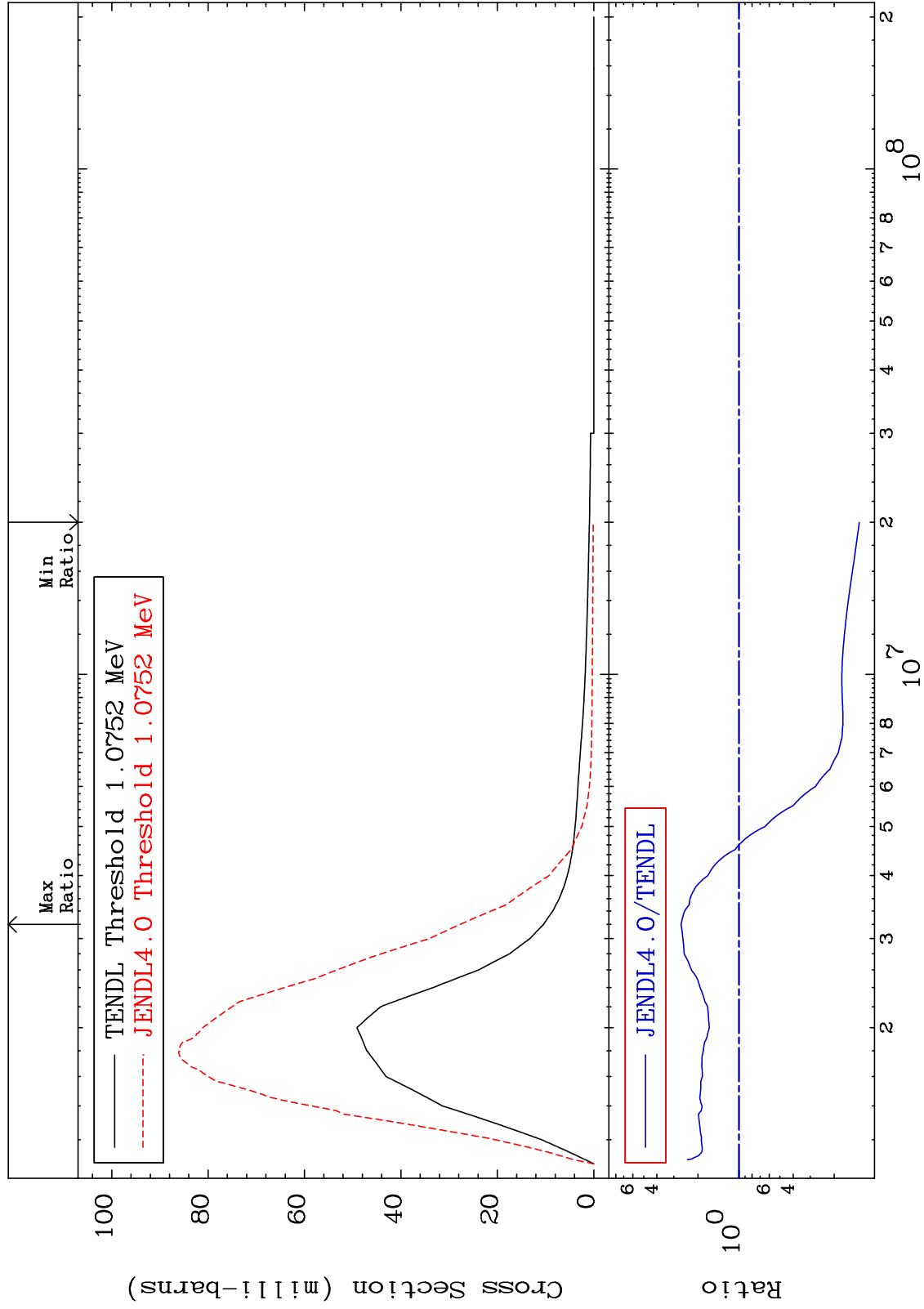
15



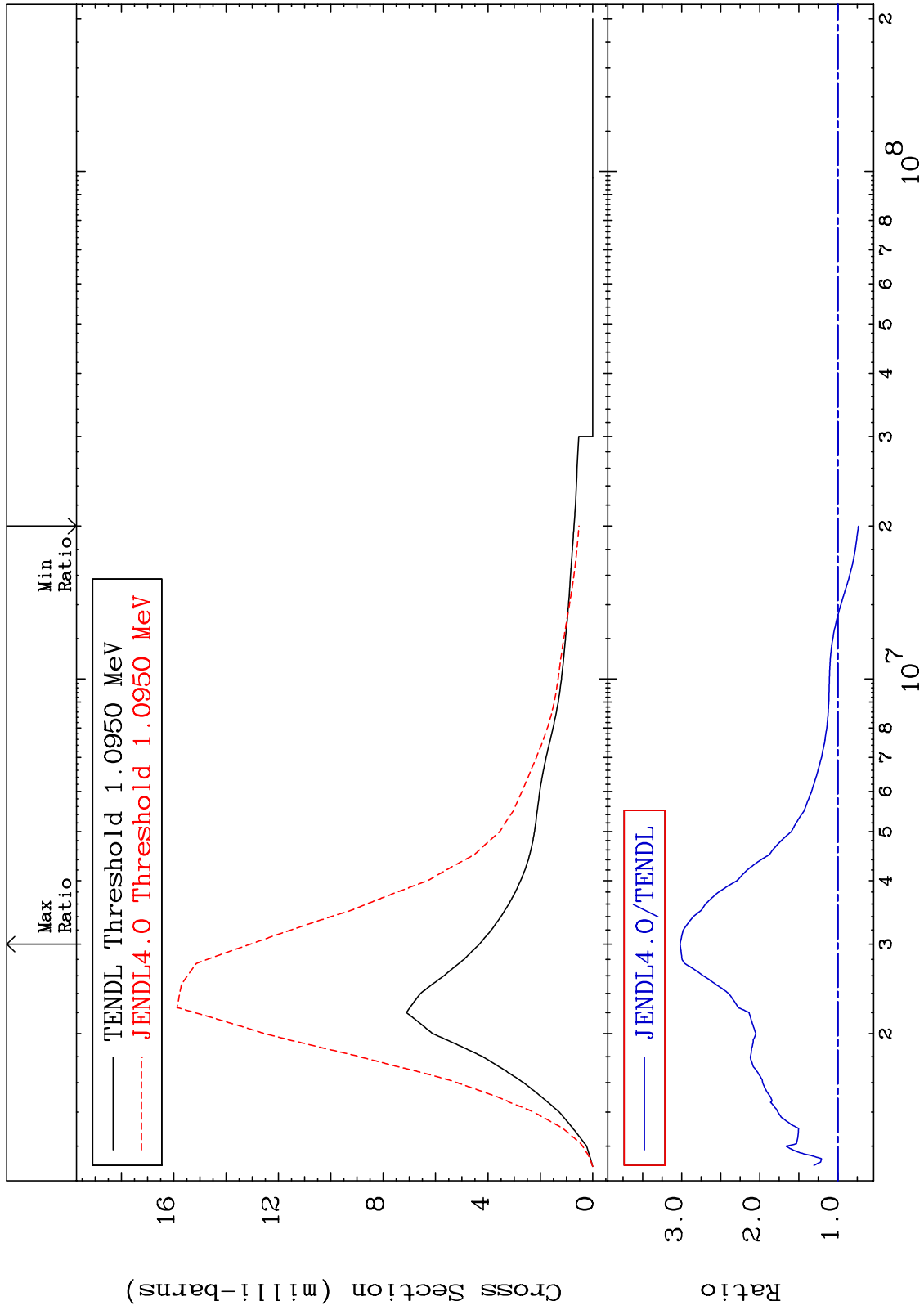
MAT 7649

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

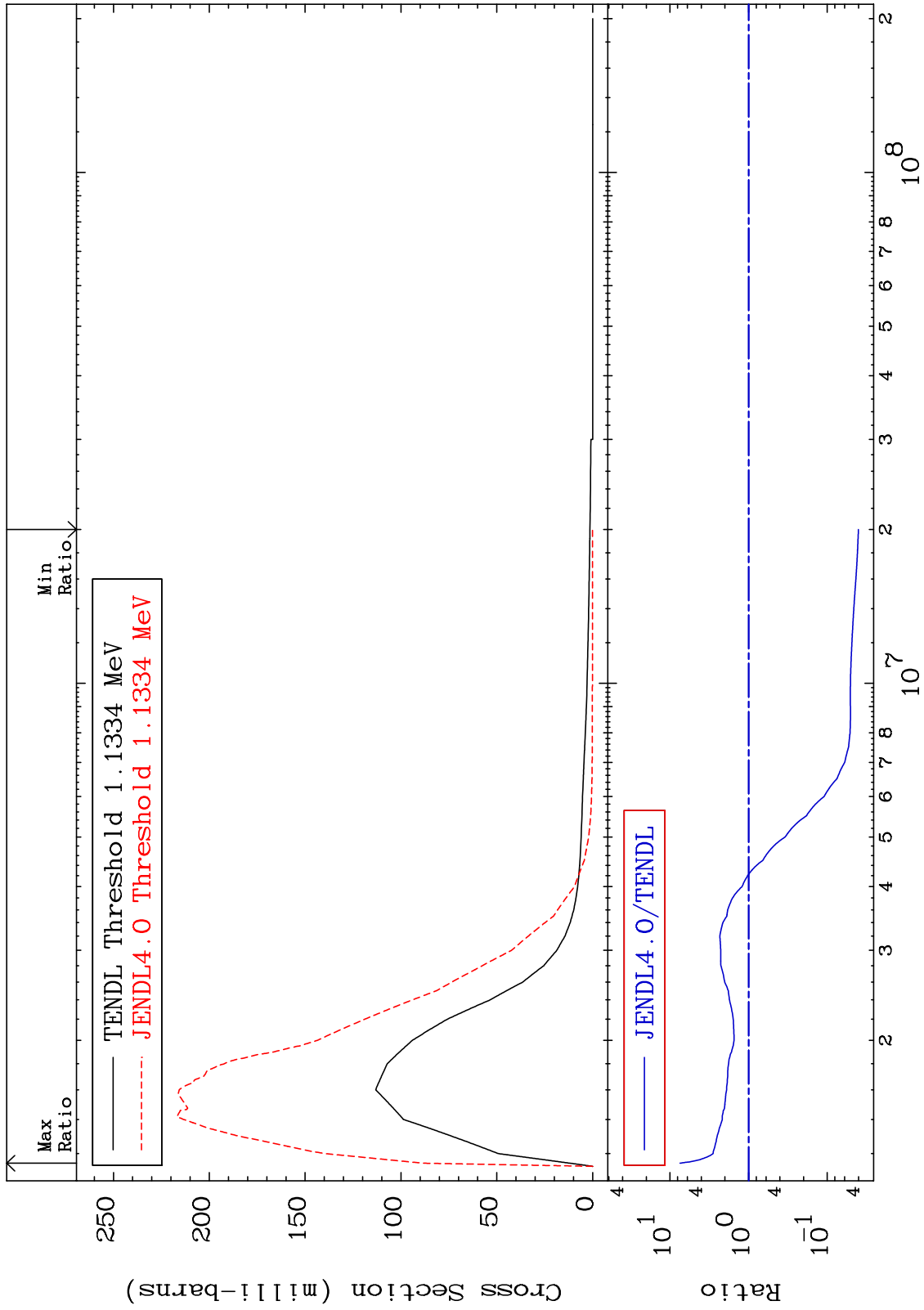
76-0s-192  
-86.92 To 165.8 %



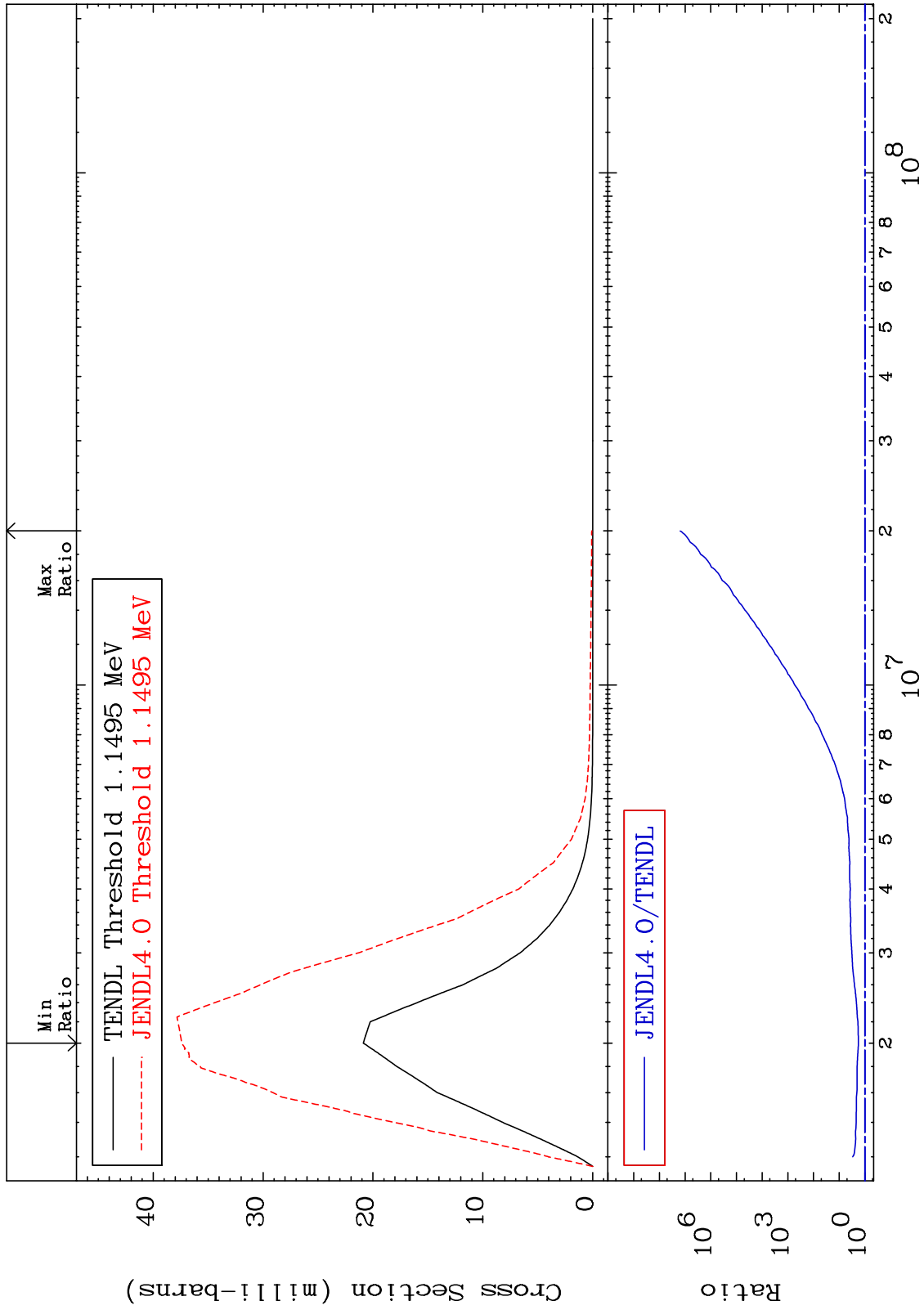
MAT 7649 MT= 58 (n, n') Level  
Cross Section 76-0s-192  
-26.40 To 202.1 %



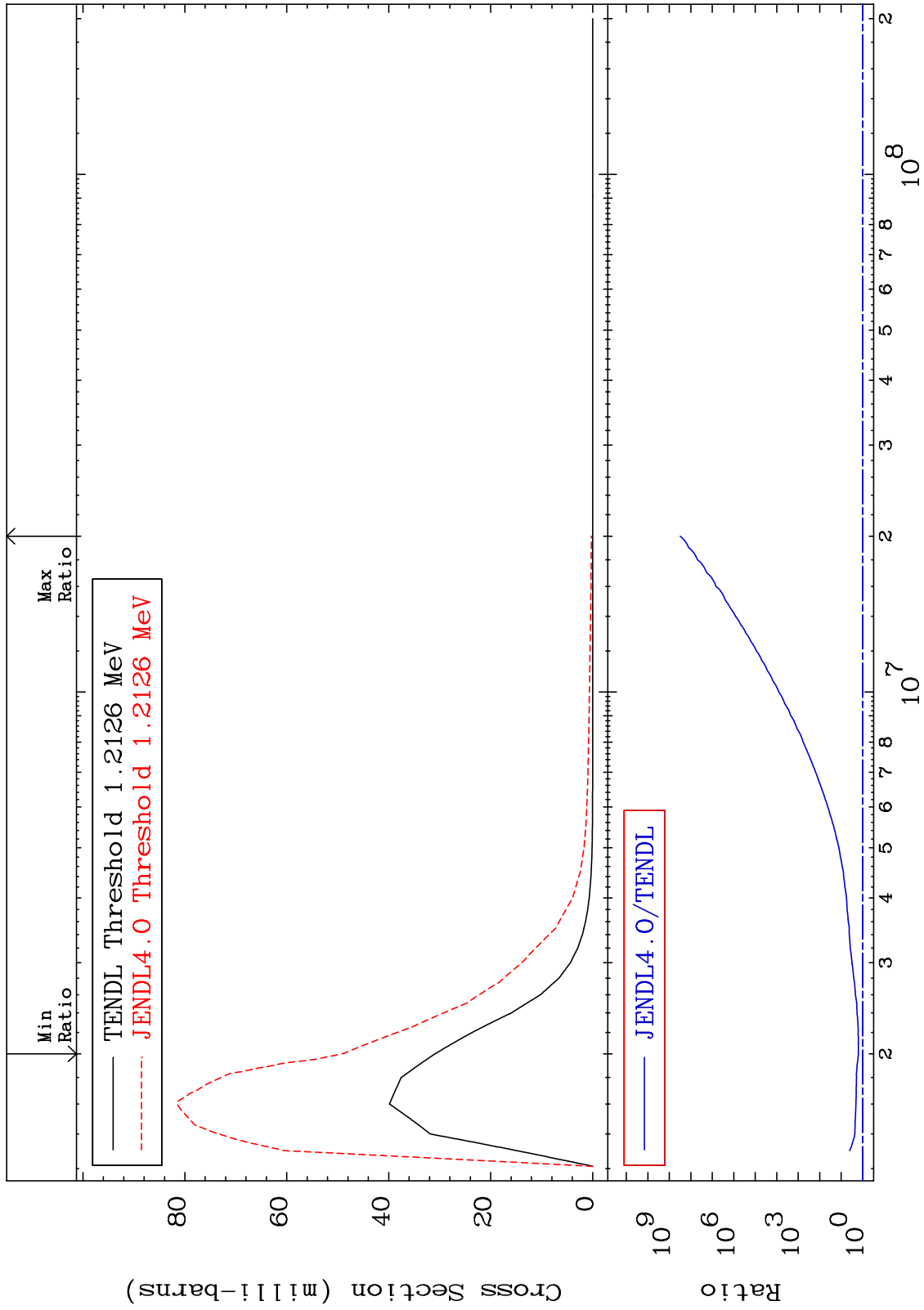
MAT 7649 MT= 59 (n, n') Level Cross Section 76-0s-192  
 -95.98 To 645.0 %



MAT 7649 MT= 60 (n,n') Level Cross Section 79.12 76-0s-192 To 9999. %



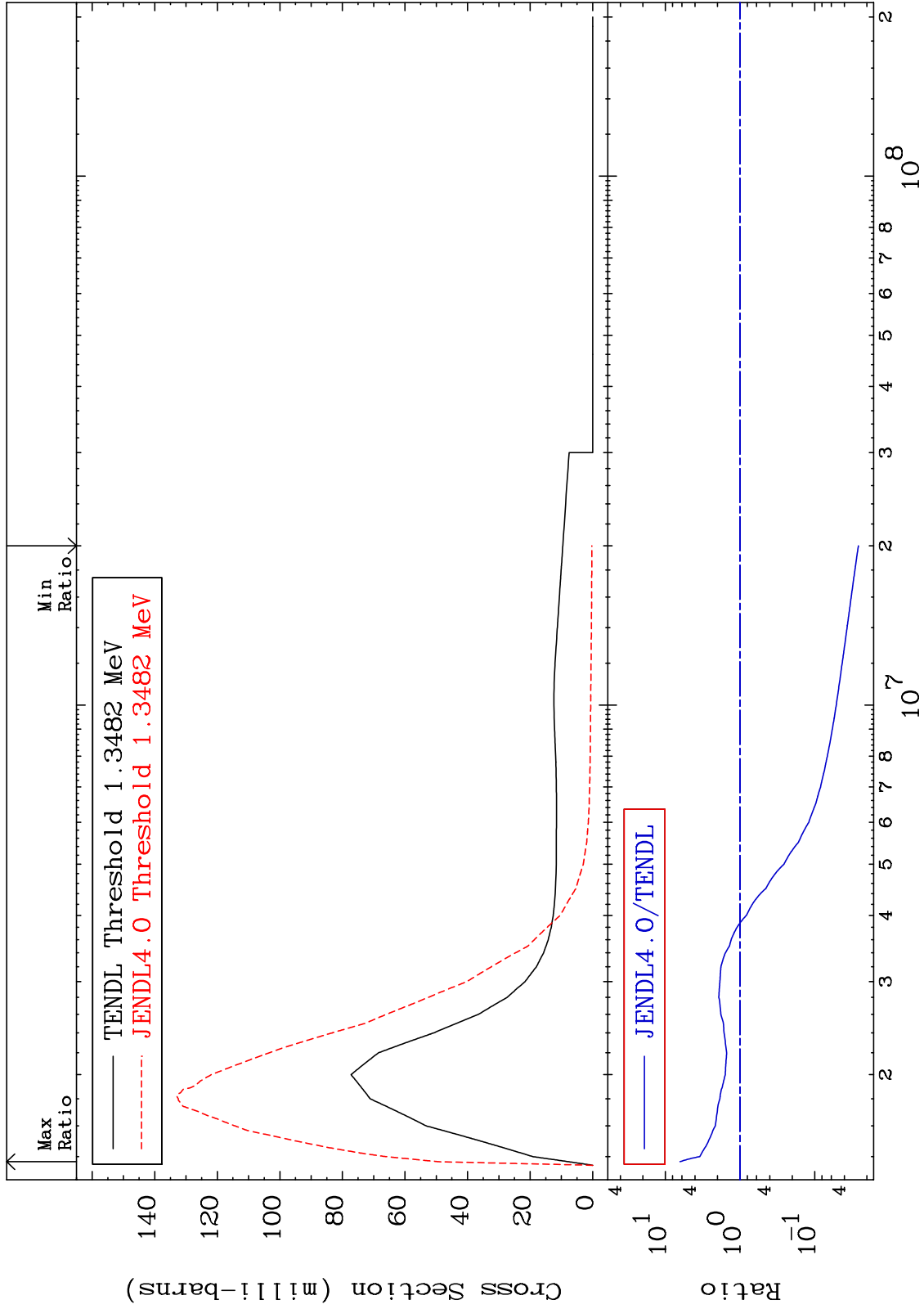
MAT 7649 MT= 61 (n, n') Level Cross Section 76-0s-192  
 58.74 To 9999. %



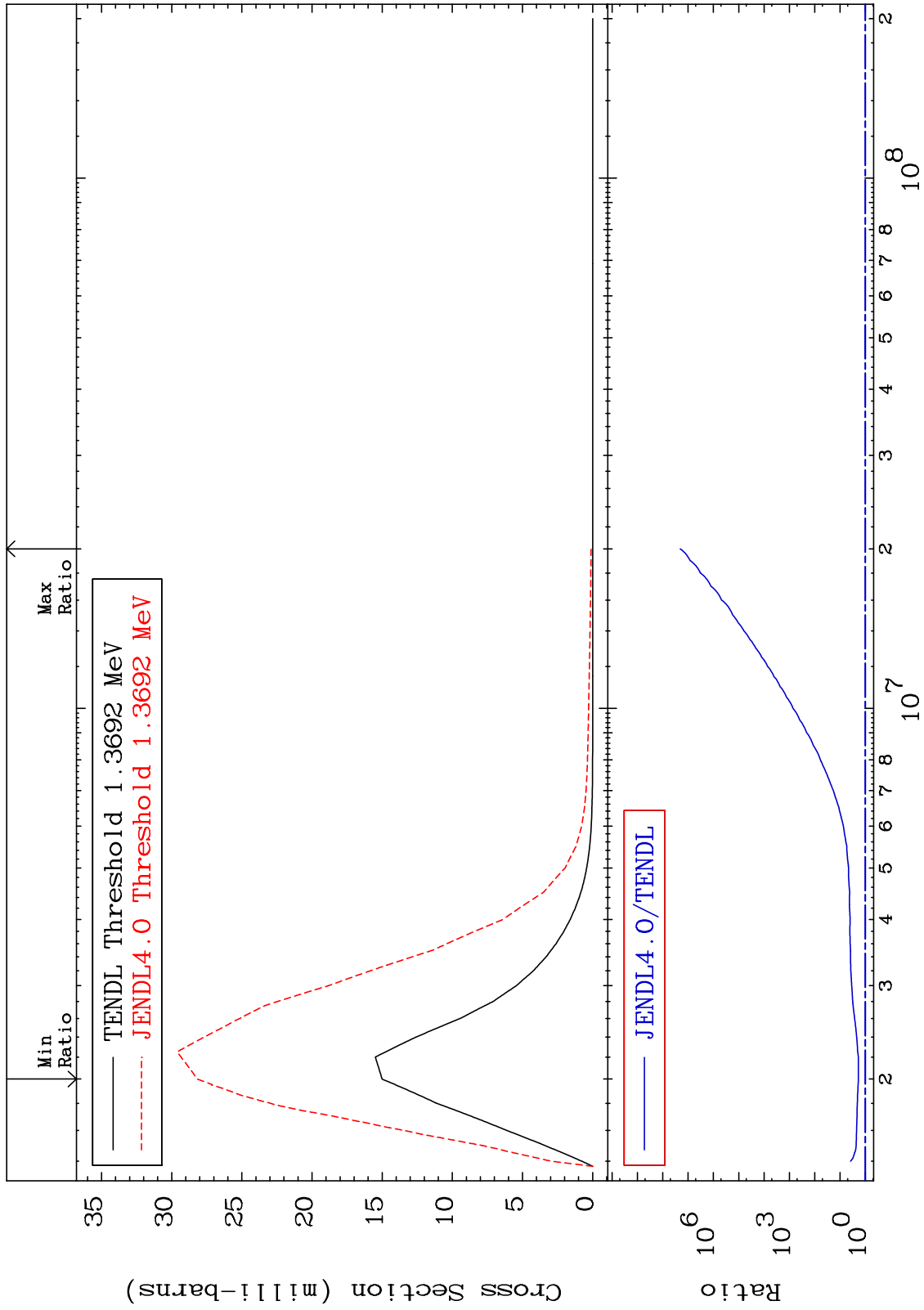
MAT 7649

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

76-0s-192  
-97.40 To 536.4 %



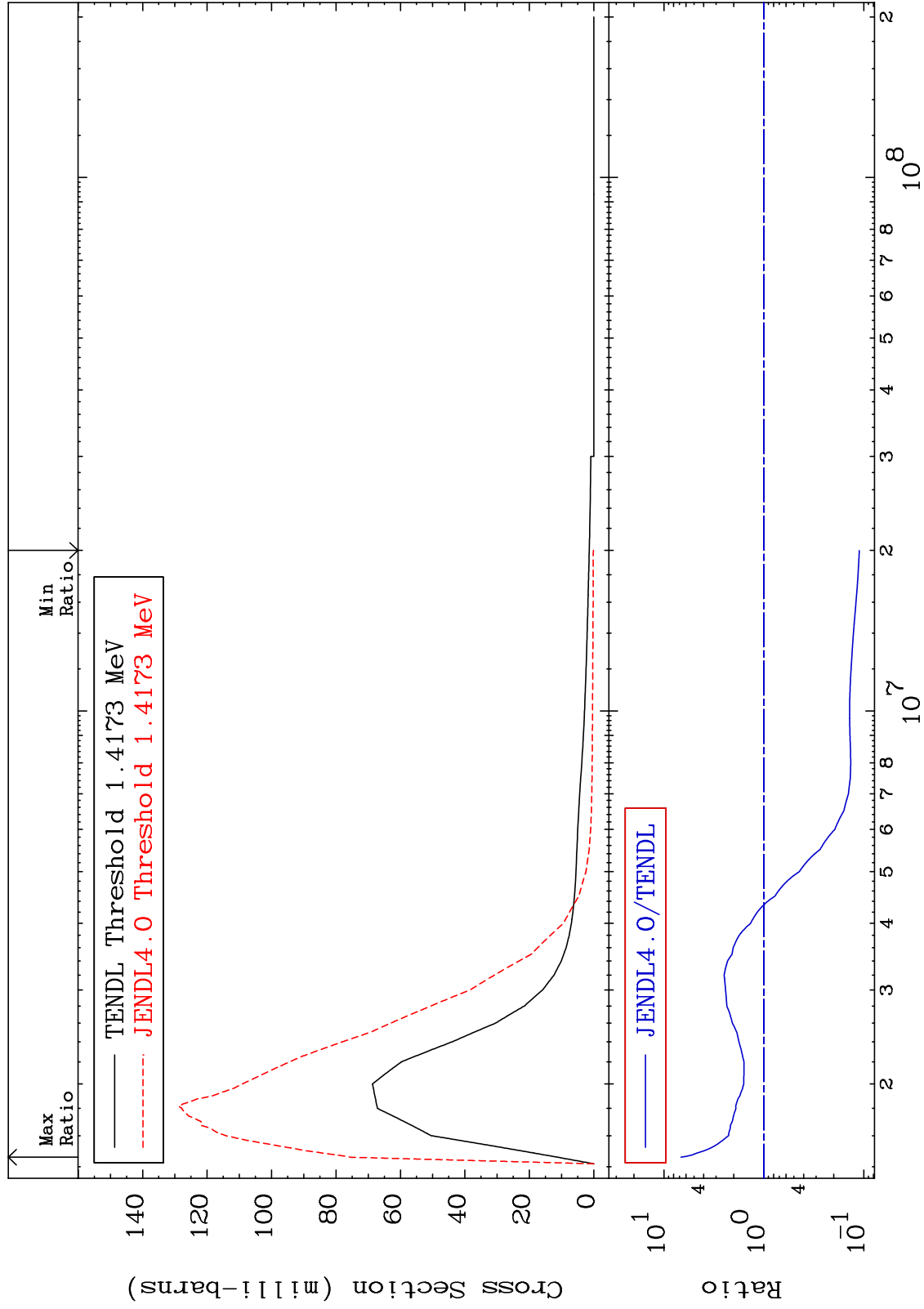
MAT 7649 MT= 63 (n,n') Level Cross Section 76-0s-192  
 87.72 To 9999. %



MAT 7649

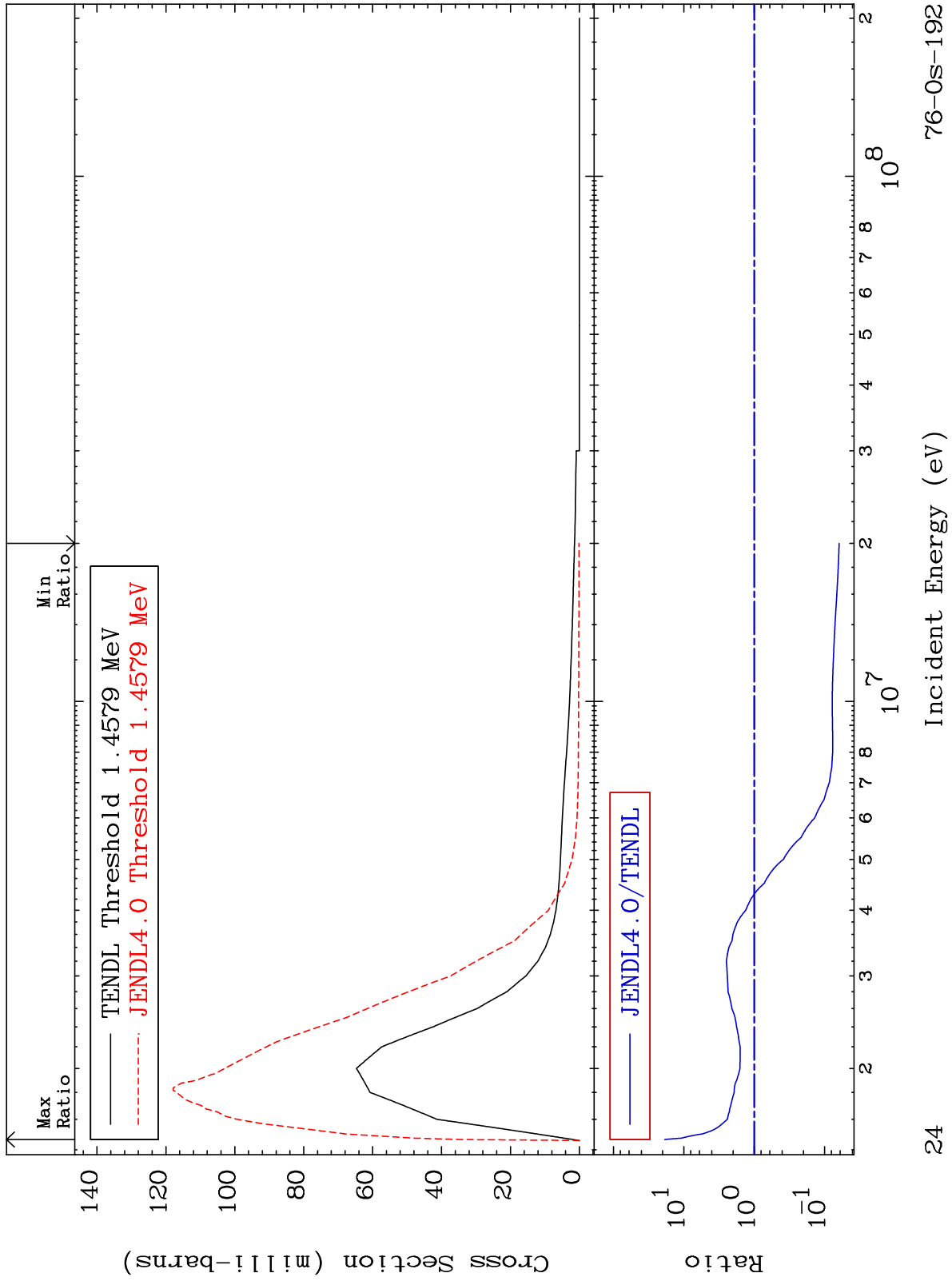
MT= 64 (n,n') Level  
Cross Section

76-0s-192  
-88.91 To 574.0 %





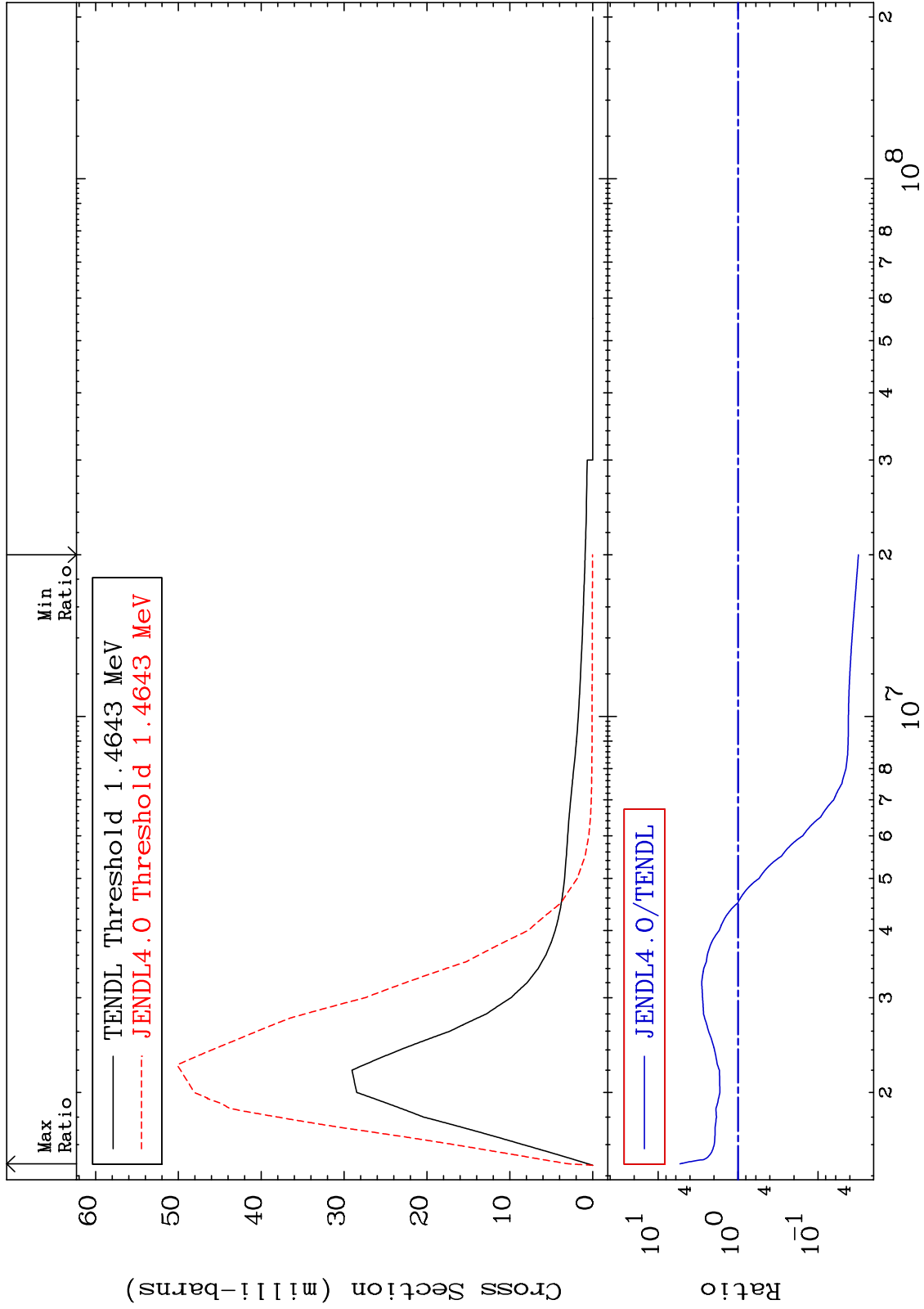
MAT 7649 MT= 65 (n, n') Level Cross Section 76-0s-192  
 -93.79 To 1767. %



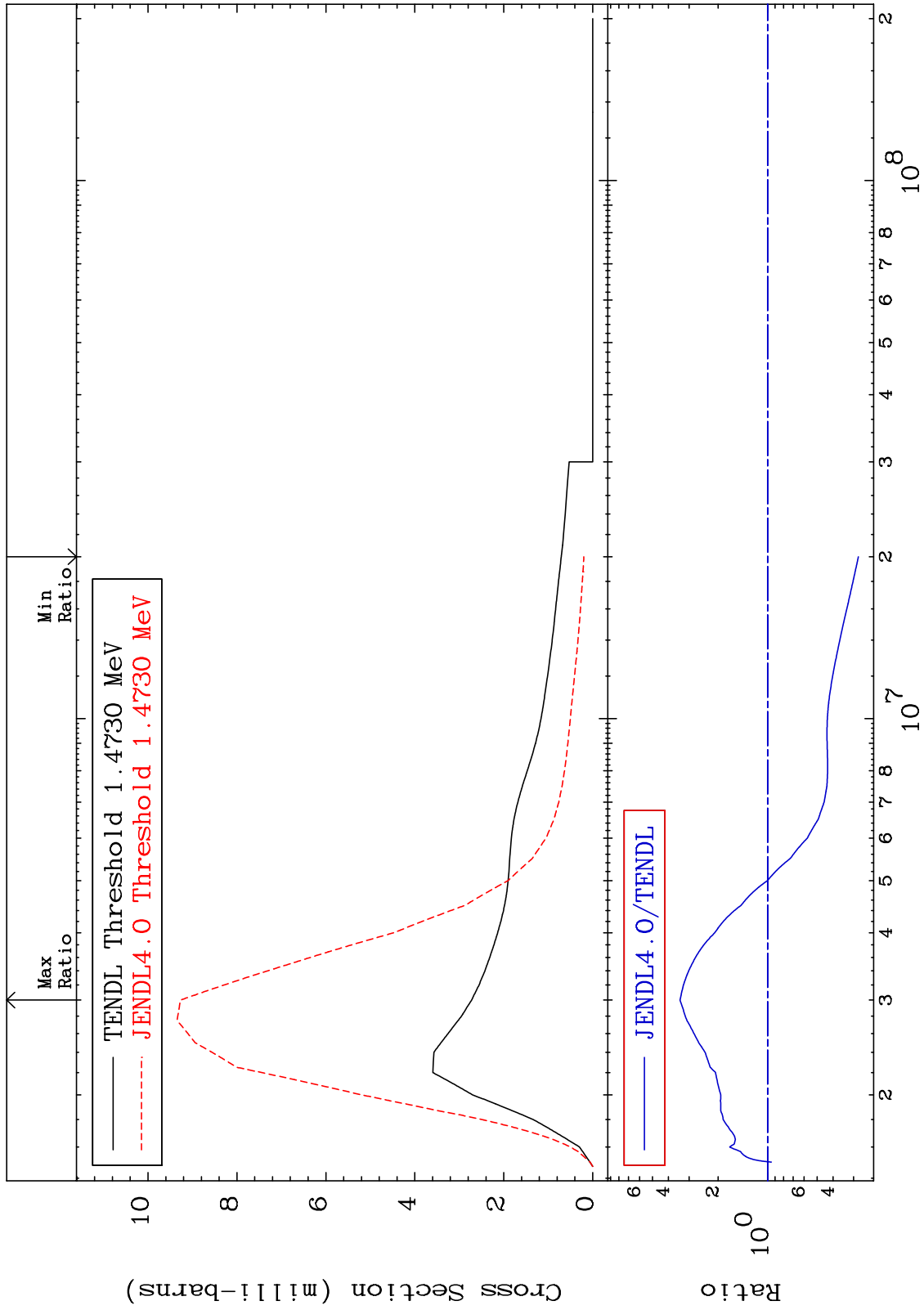
MAT 7649

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

76-0s-192  
-96.88 To 432.8 %



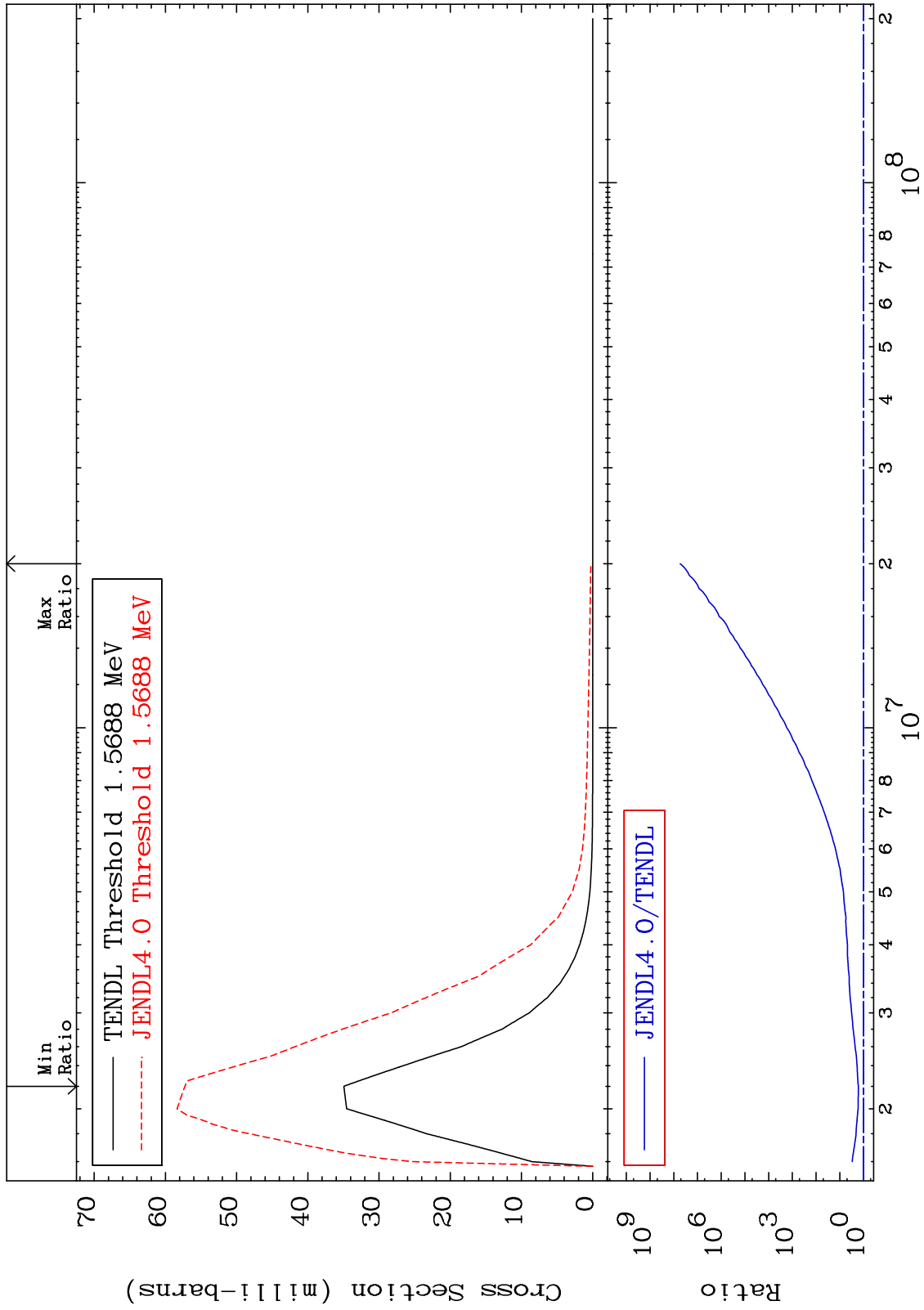
MAT 7649 MT= 67 (n, n') Level  
 Cross Section 76-0s-192  
 -71.95 To 240.4 %



76-0s-192

Incident Energy (eV)

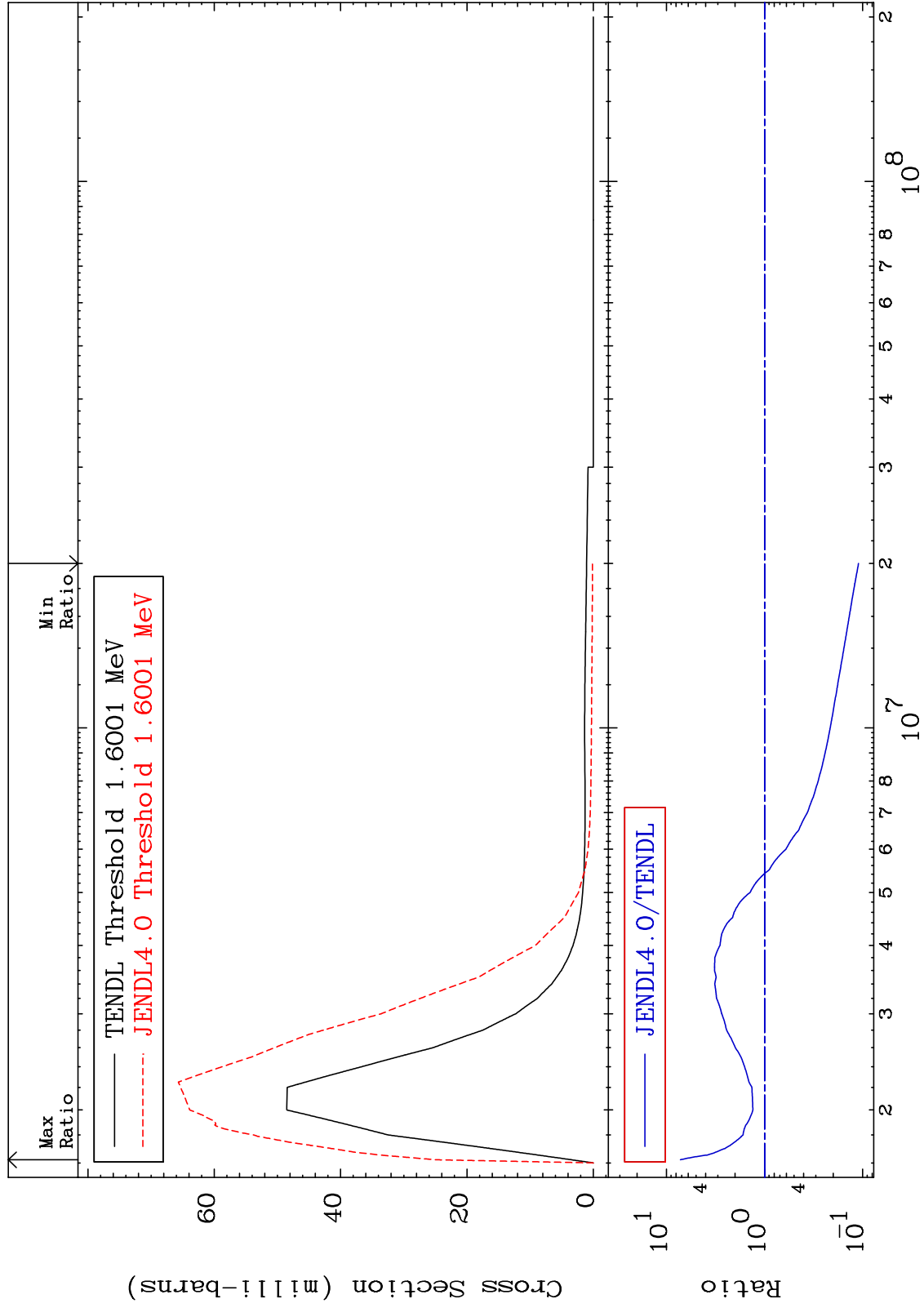
MAT 7649 MT= 68 (n,n') Level Cross Section 76-0s-192  
 63.84 To 9999. %



MAT 7649

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

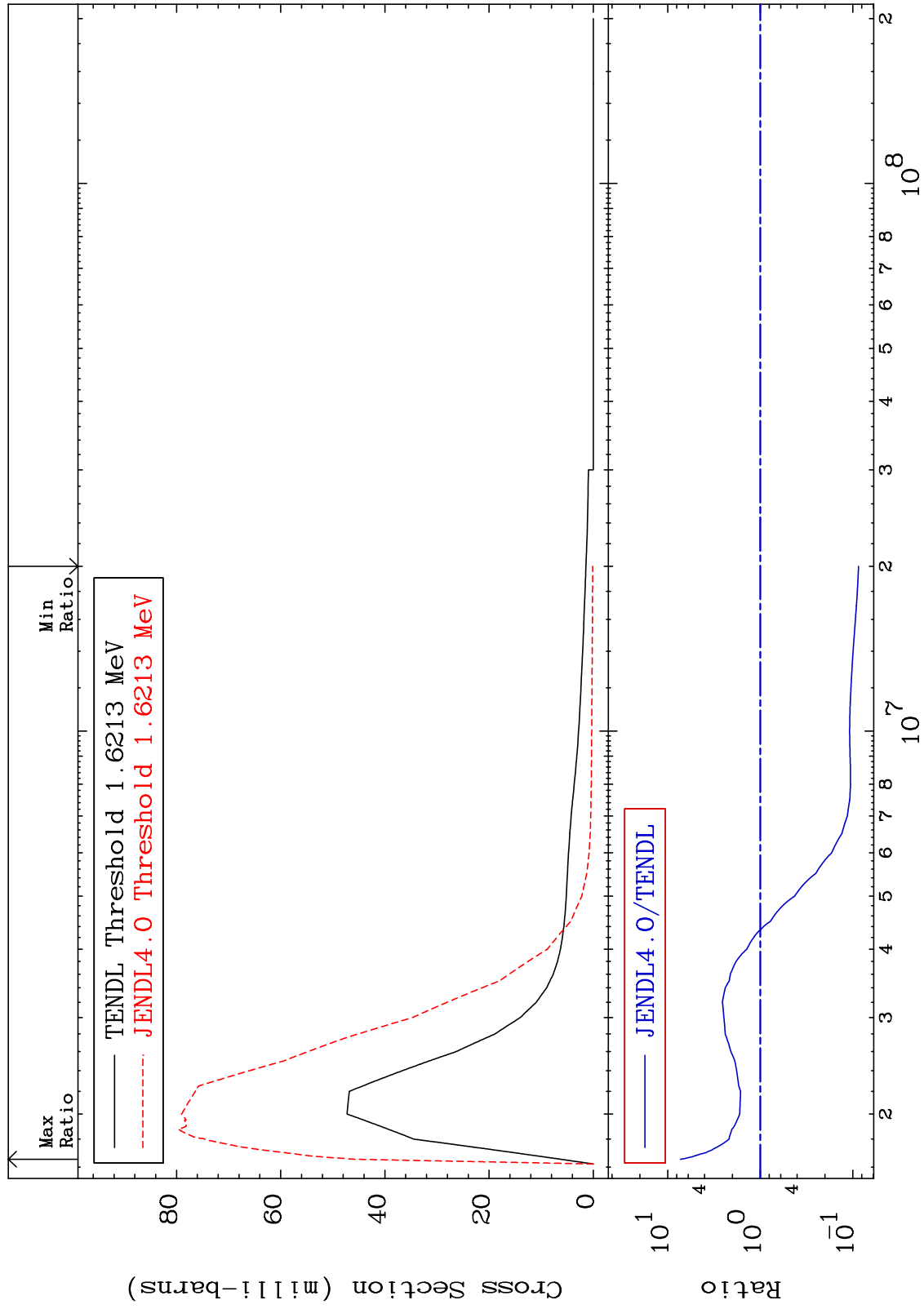
76-0s-192  
-88.98 To 621.4 %



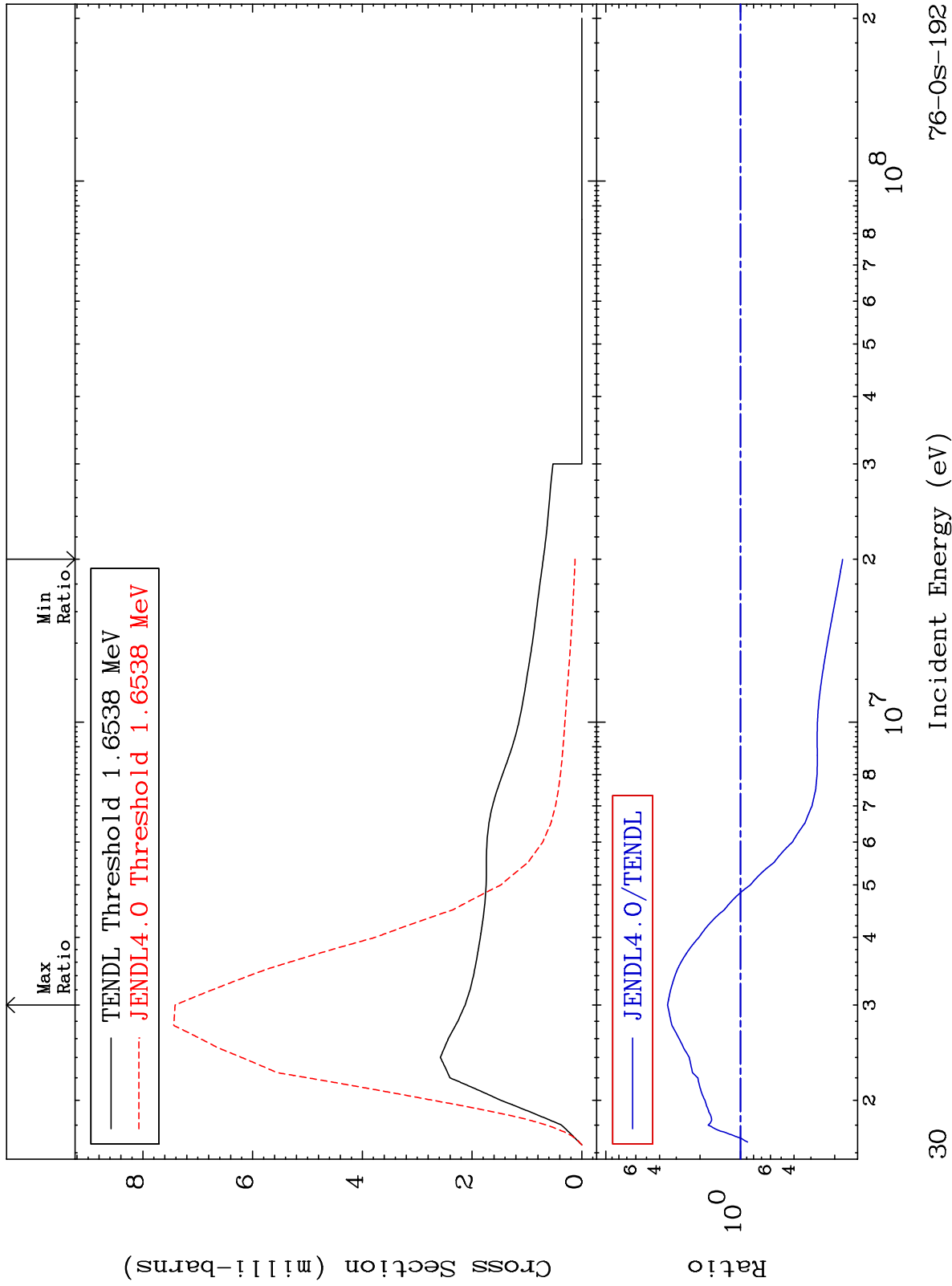
MAT 7649

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

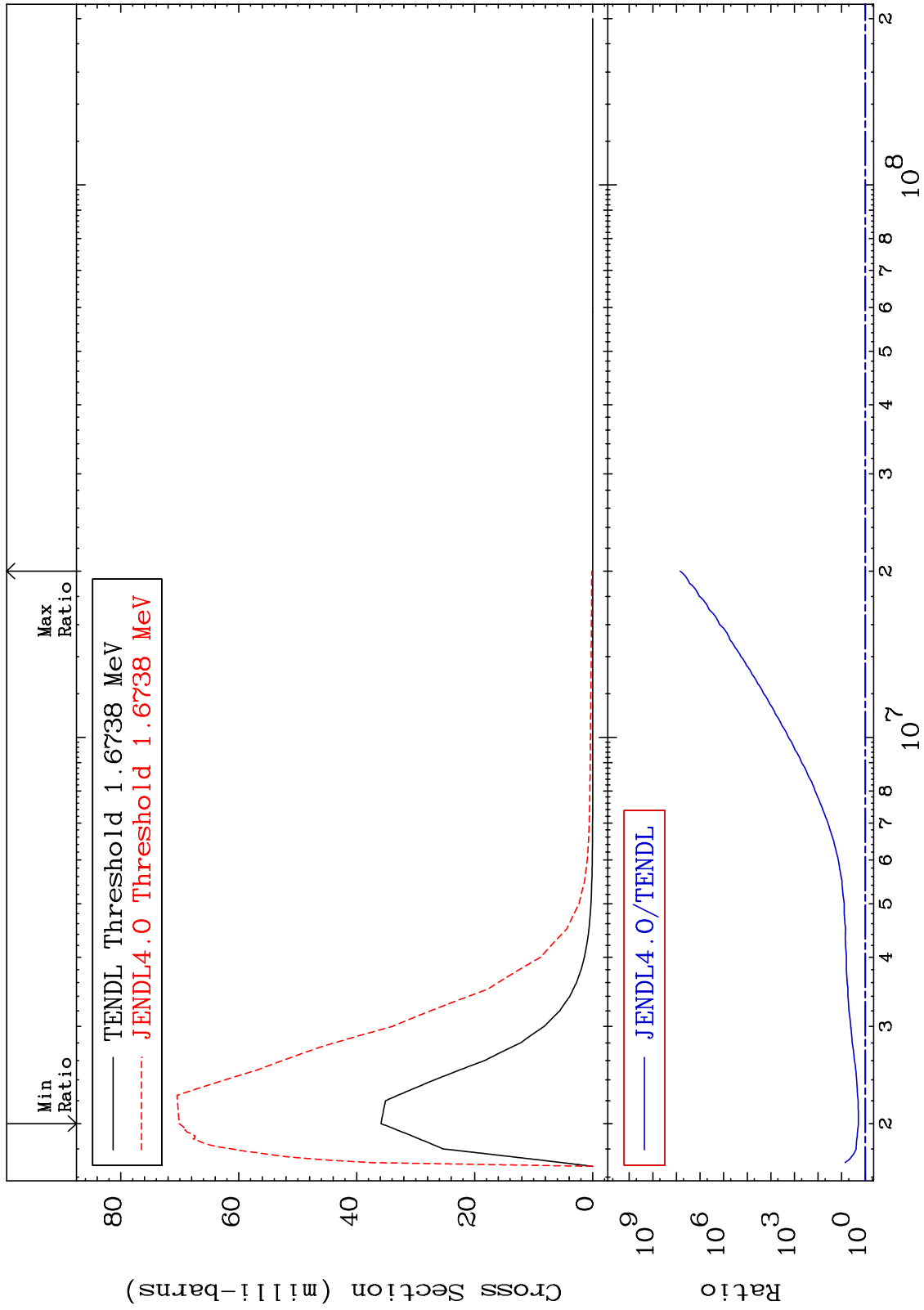
76-0s-192  
-91.33 To 629.3 %



MAT 7649 MT= 71 (n,n') Level  
Cross Section 76-0s-192  
-82.57 To 248.5 %



MAT 7649      MT= 72 (n,n') Level      76-0s-192  
 Cross Section      95.27 To 9999. %

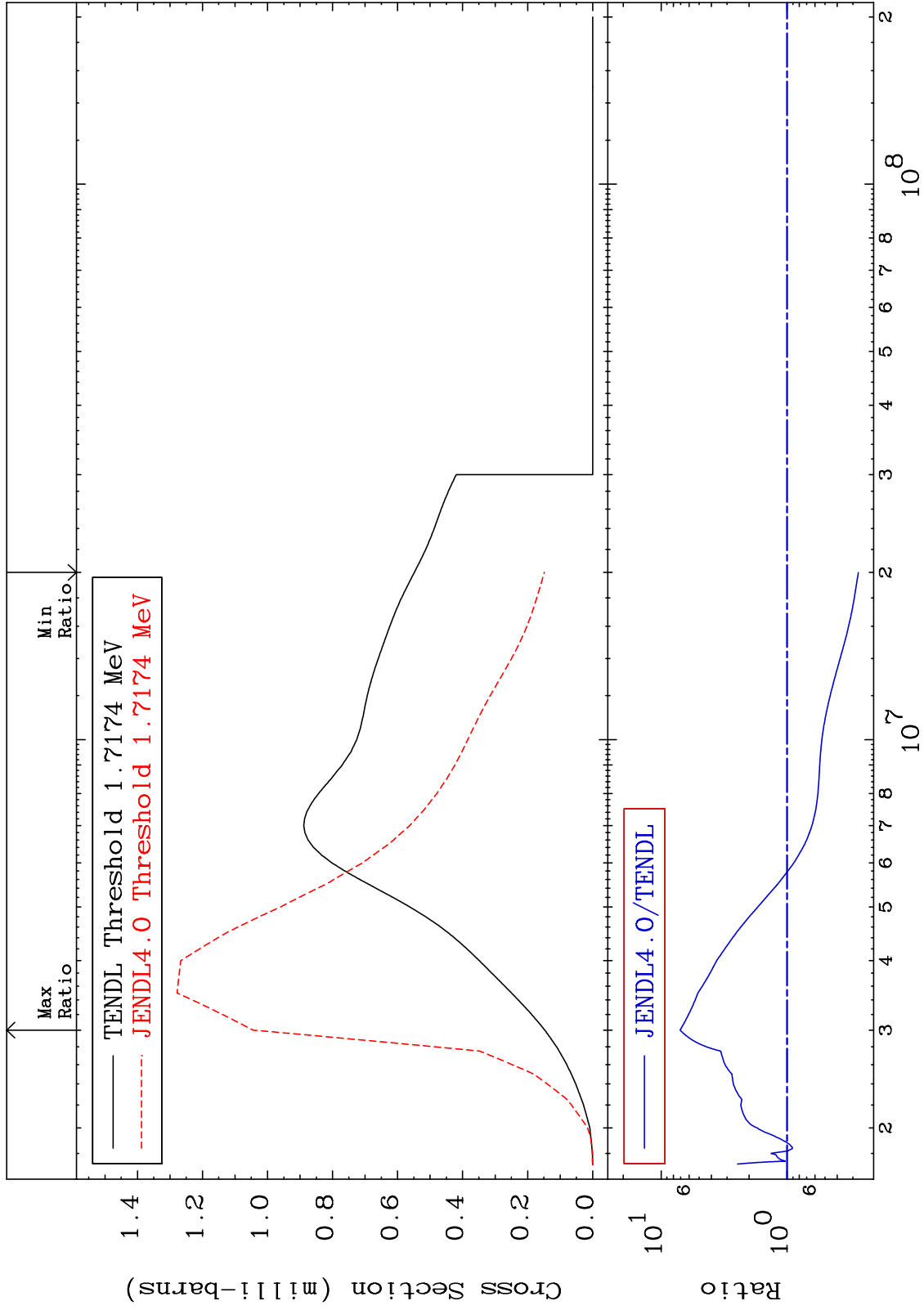




MAT 7649

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

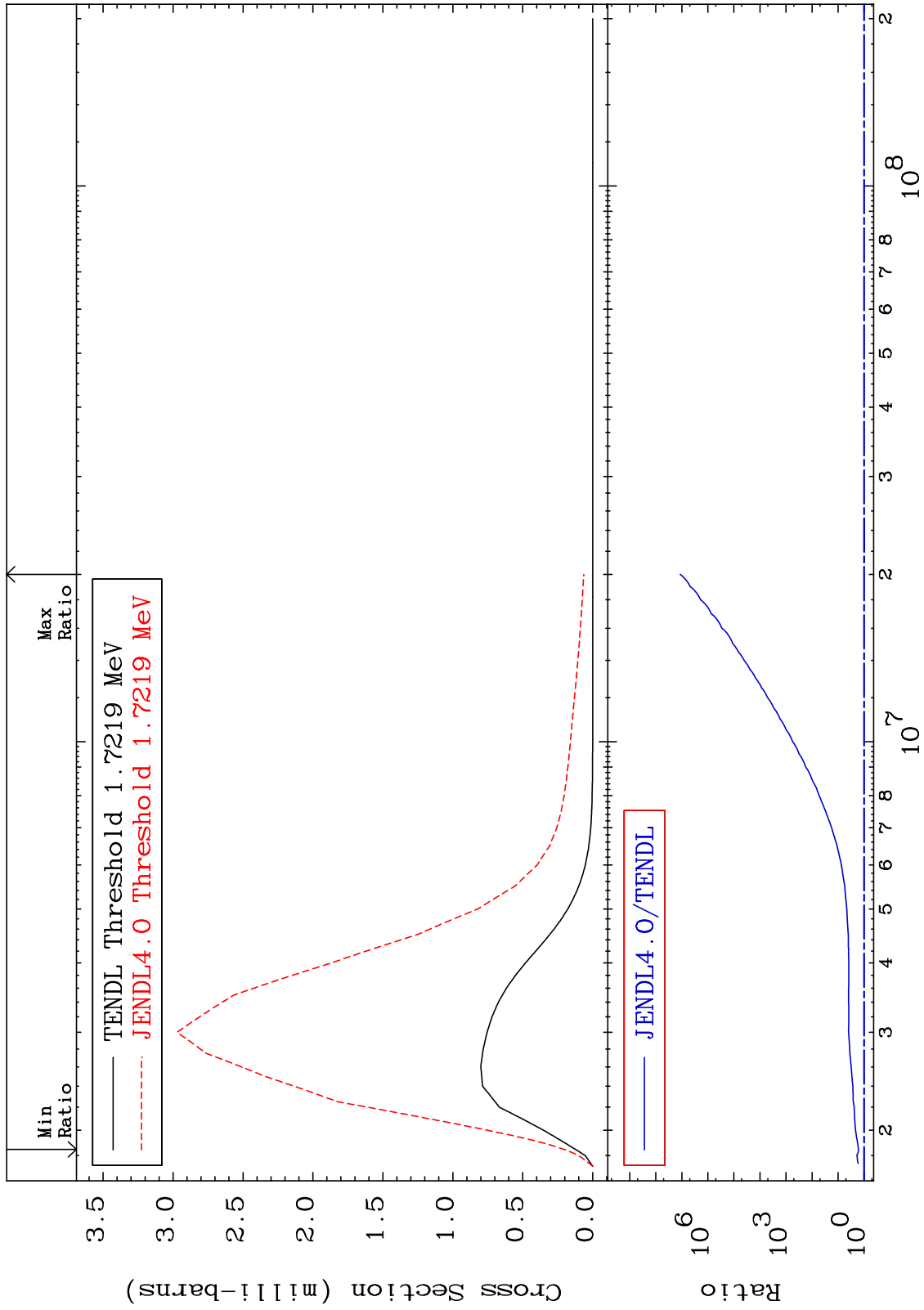
76-0s-192  
-72.88 To 608.9 %



MAT 7649

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

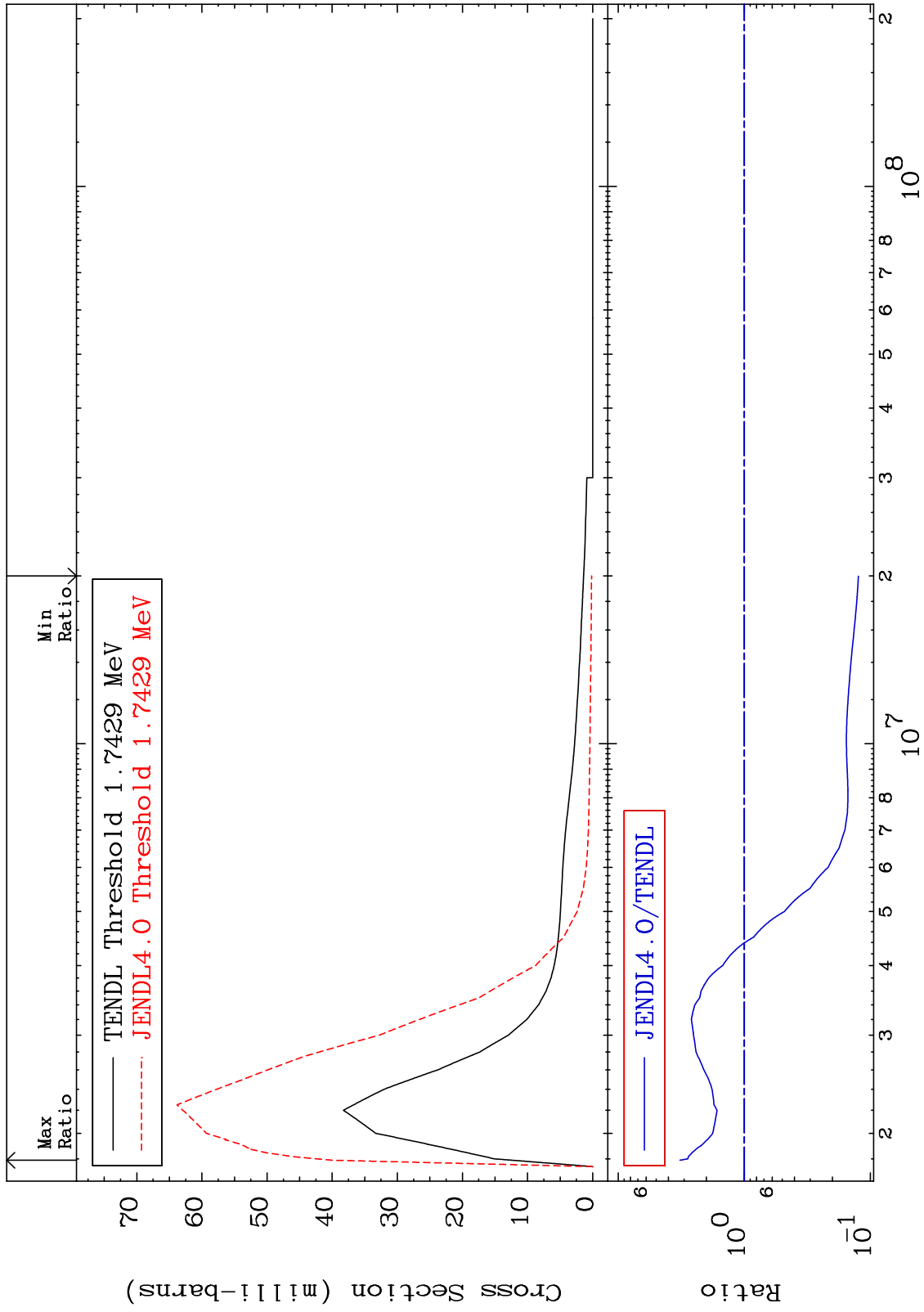
76-0s-192  
65.68 To 9999. %



MAT 7649

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

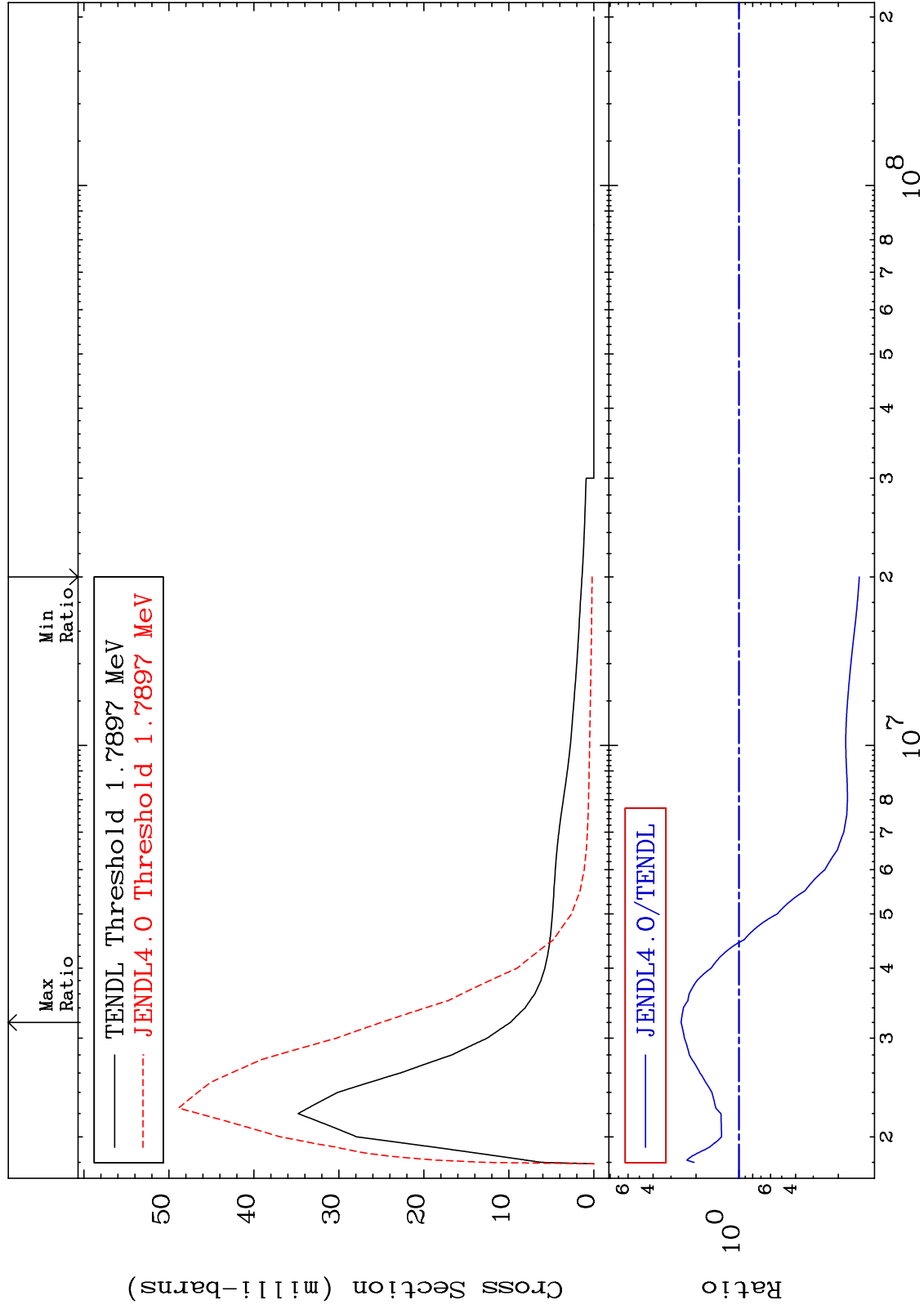
76-0s-192  
-87.56 To 223.6 %



MAT 7649

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

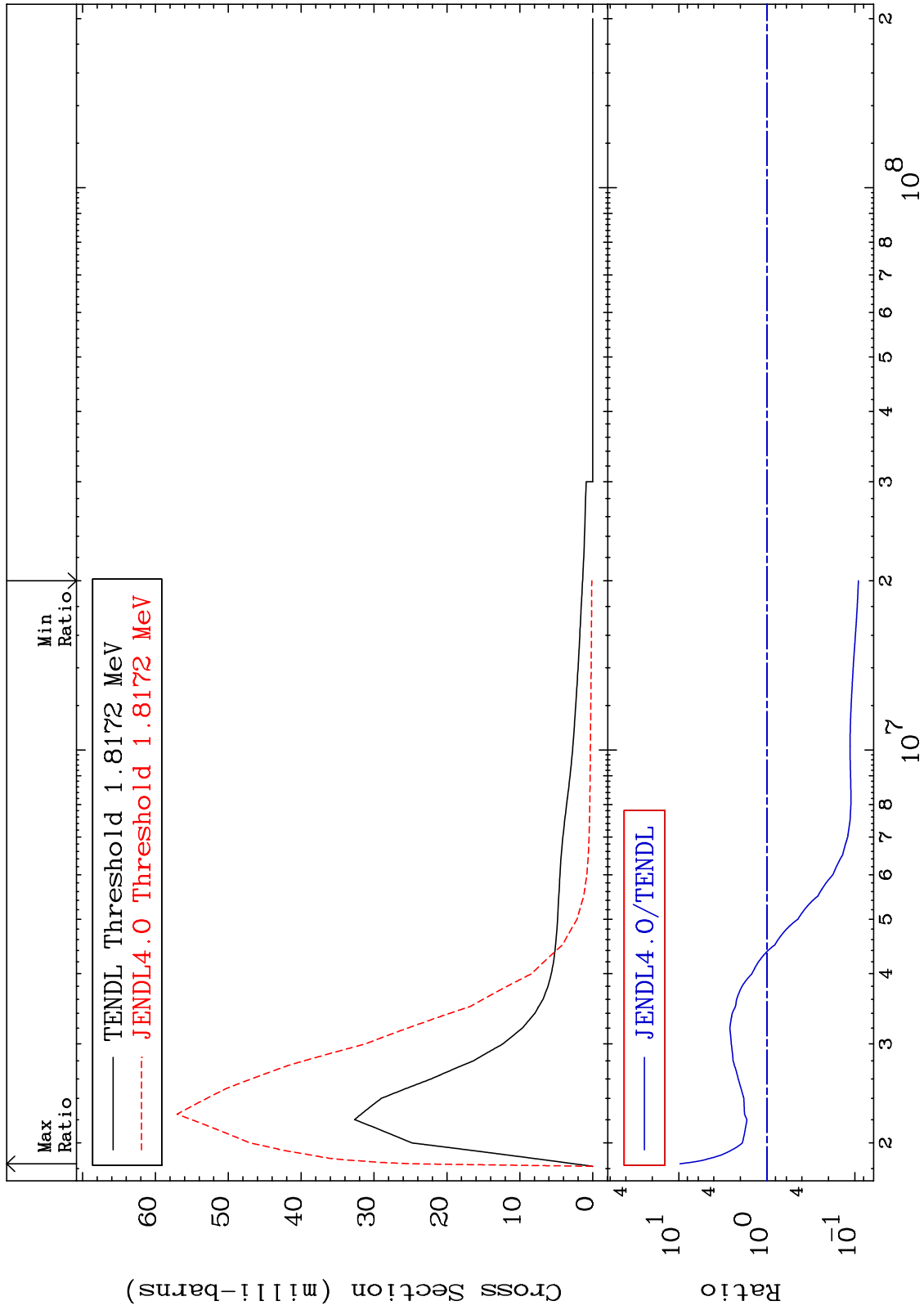
76-0s-192  
-85.74 To 154.7 %



MAT 7649

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

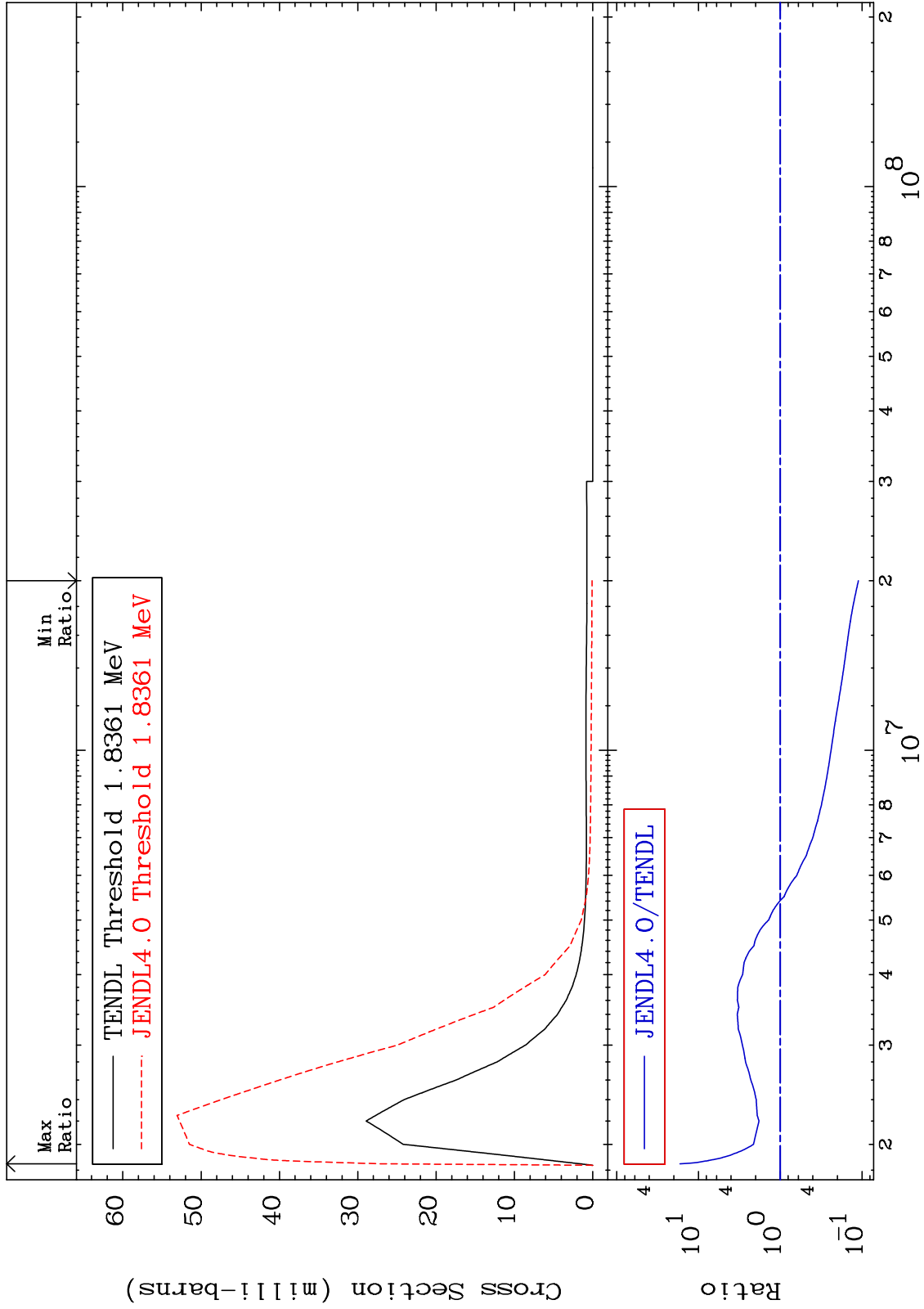
76-0s-192  
-90.86 To 868.3 %



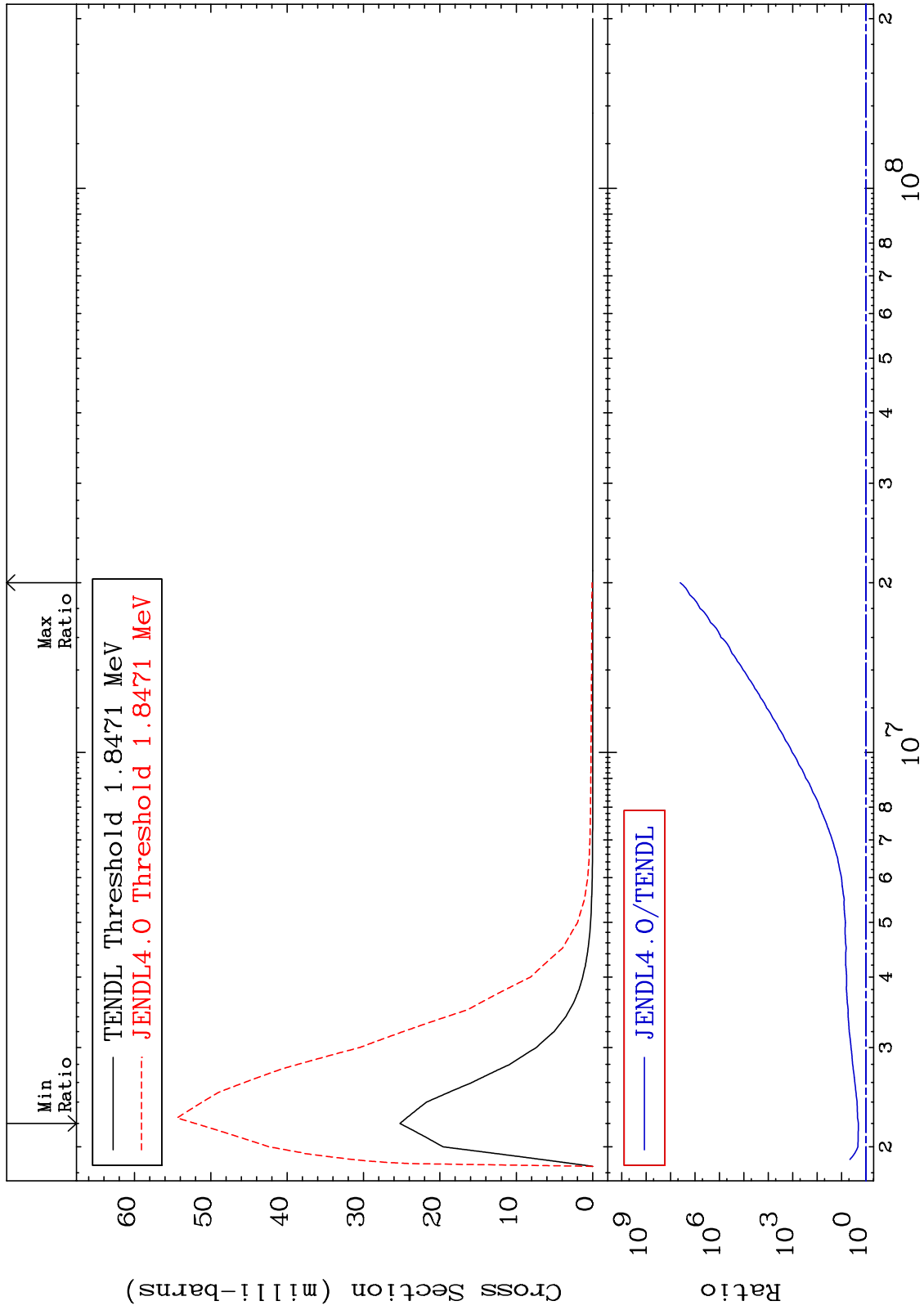
MAT 7649

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

76-0s-192  
-88.93 To 1584. %



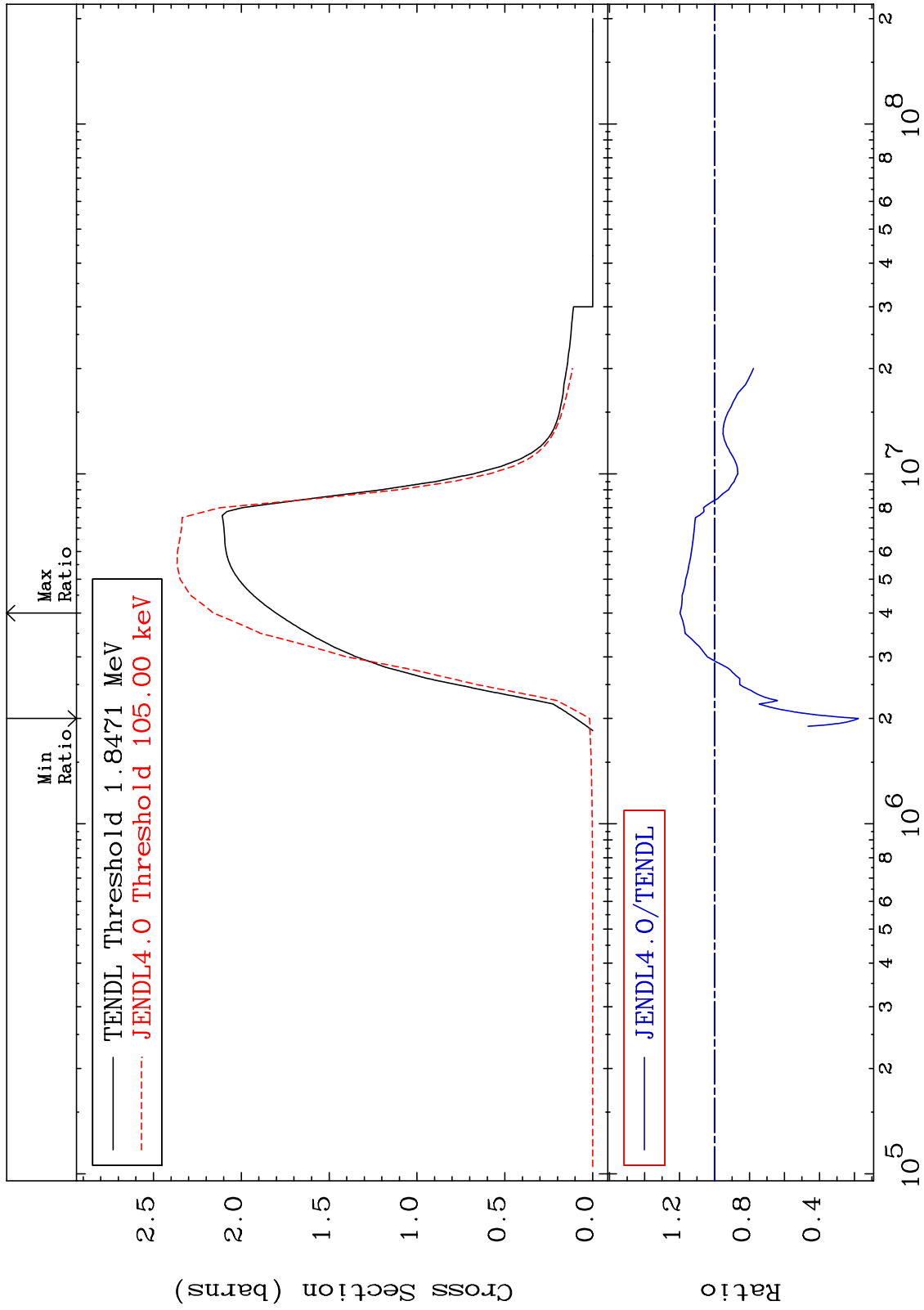
MAT 7649      MT= 79 (n,n') Level Cross Section      76-0s-192  
 106.1 To 9999. %



MAT 7649

(n, n') Continuum  
Cross Section

76-0s-192  
-82.27 To 19.73 %



39

Incident Energy (eV)

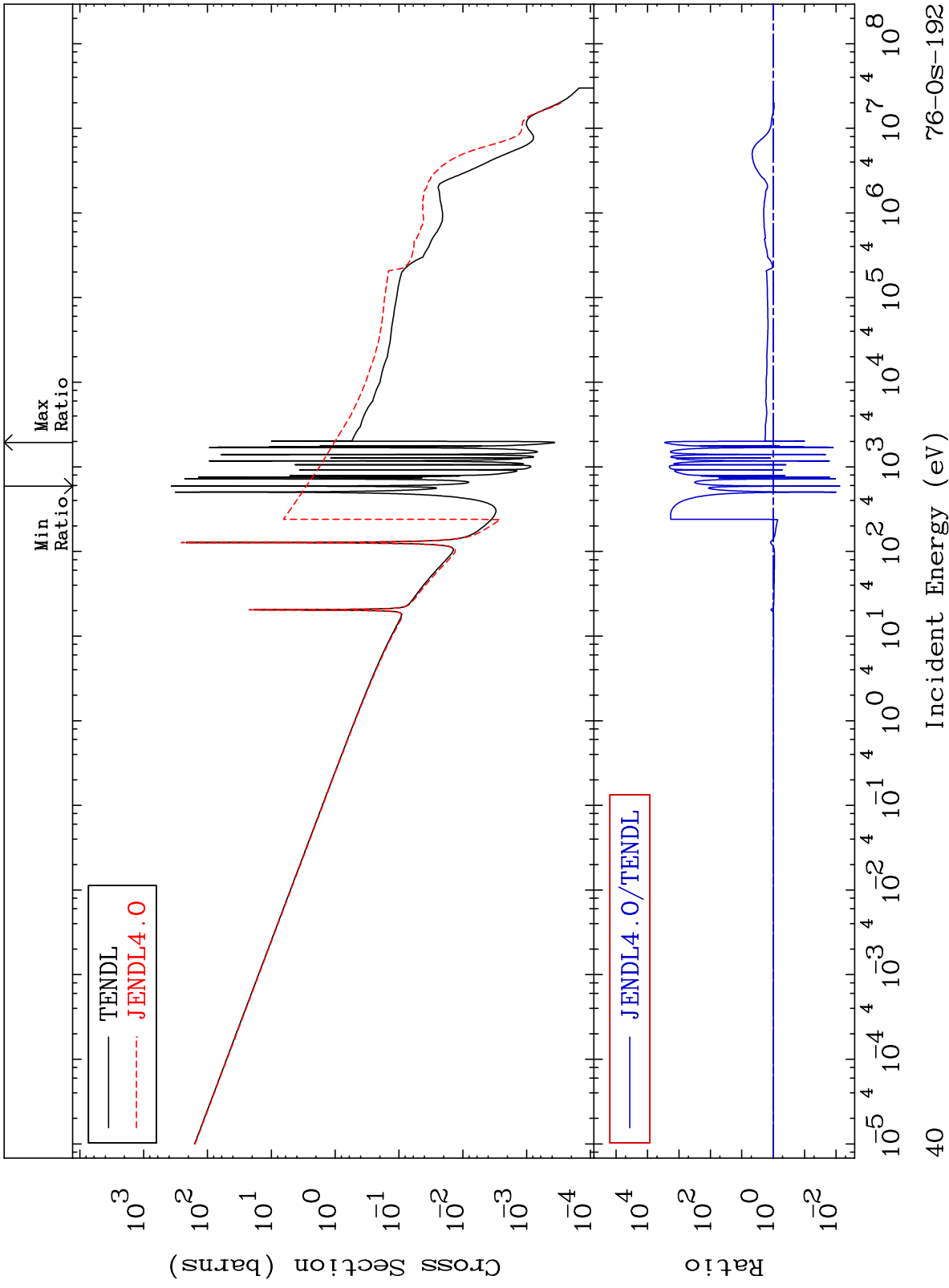
76-0s-192



MAT 7649

(n,  $\gamma$ )  
Cross Section

76-0s-192  
-99.24 To 9999. %



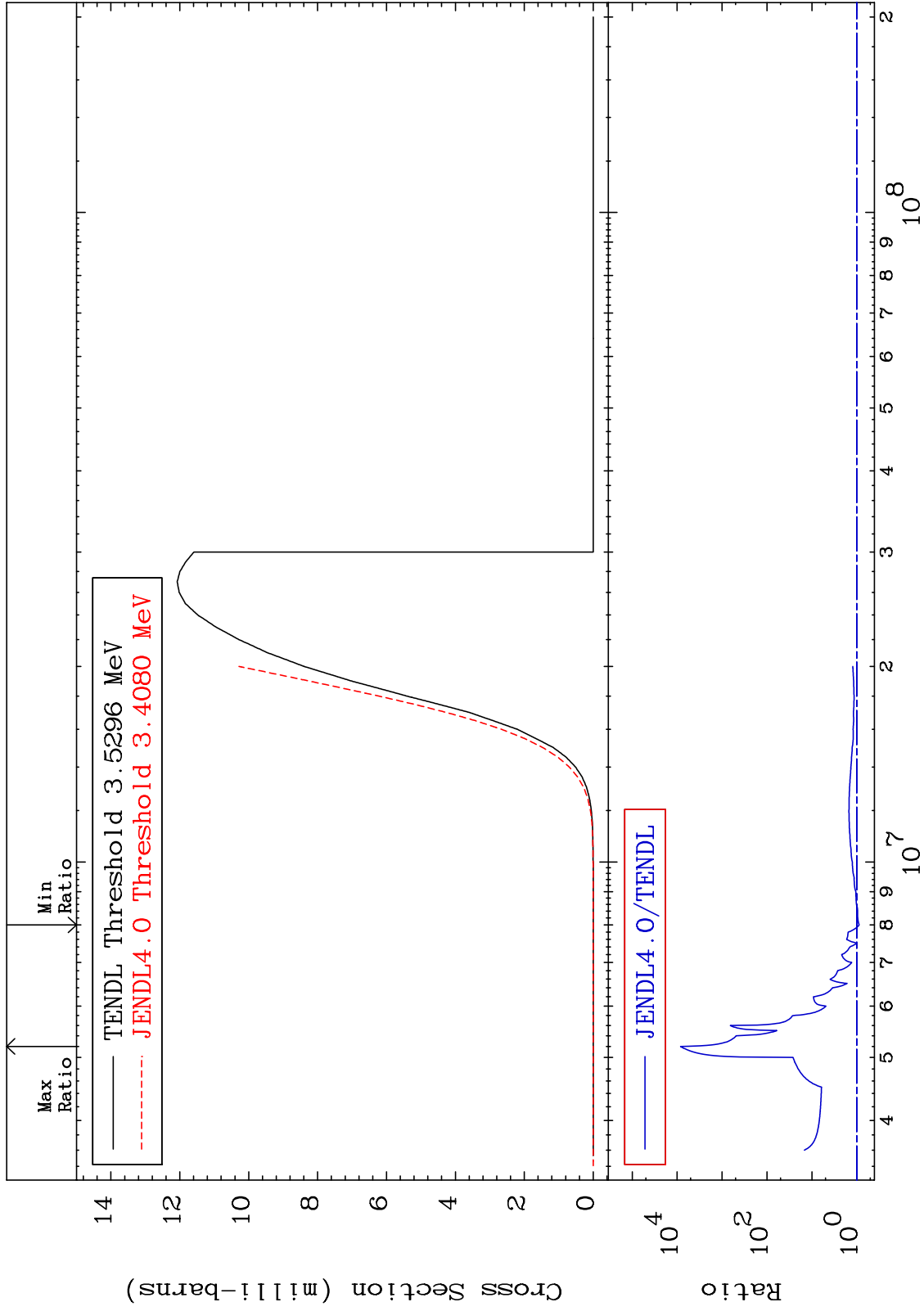
MAT 7649

(n,p)

76-0s-192

Cross Section

-11.49 To 9999. %



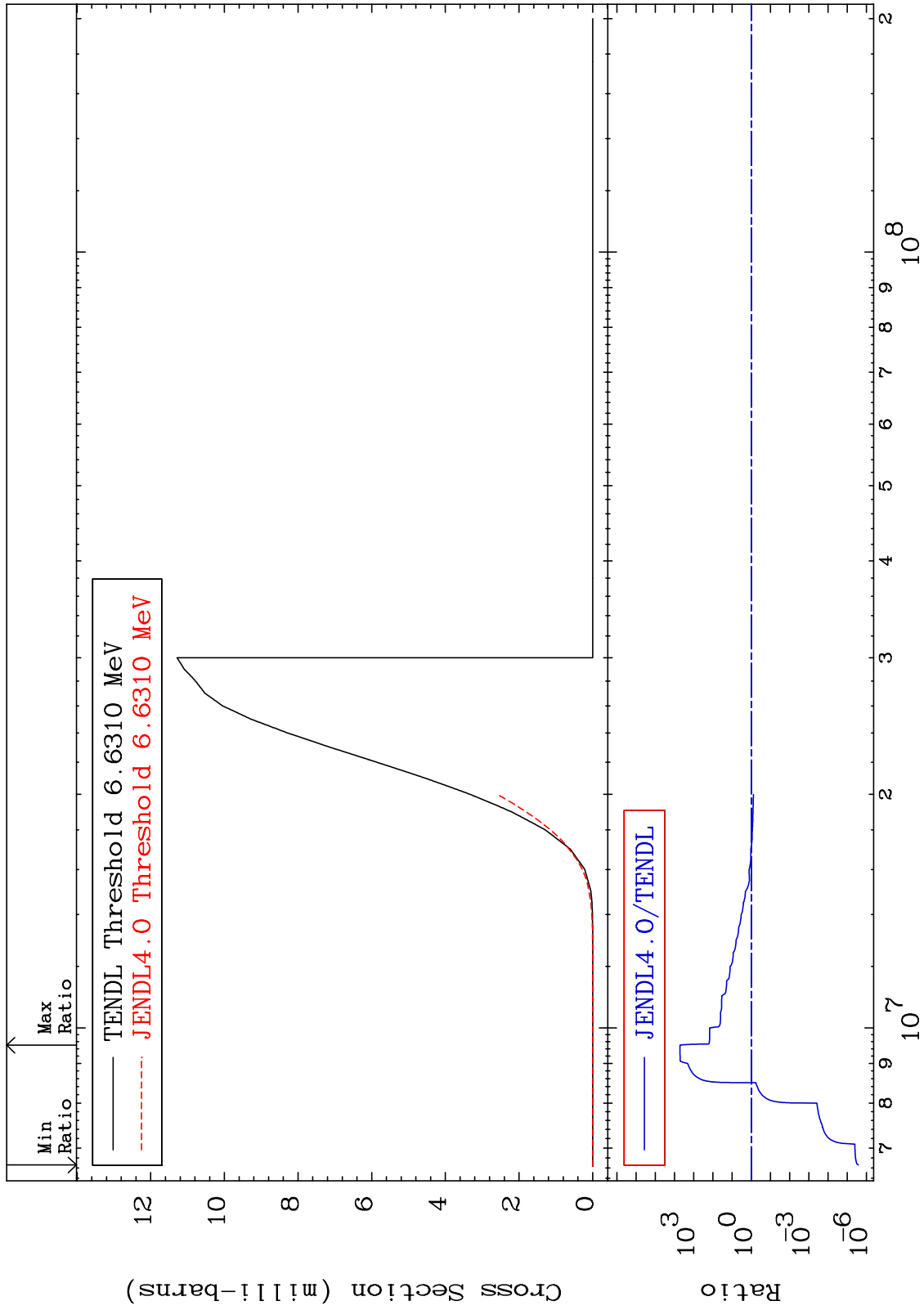
MAT 7649

(n,d)

76-0s-192

Cross Section

-100.0 To 9999. %



76-0s-192

Incident Energy (eV)

42

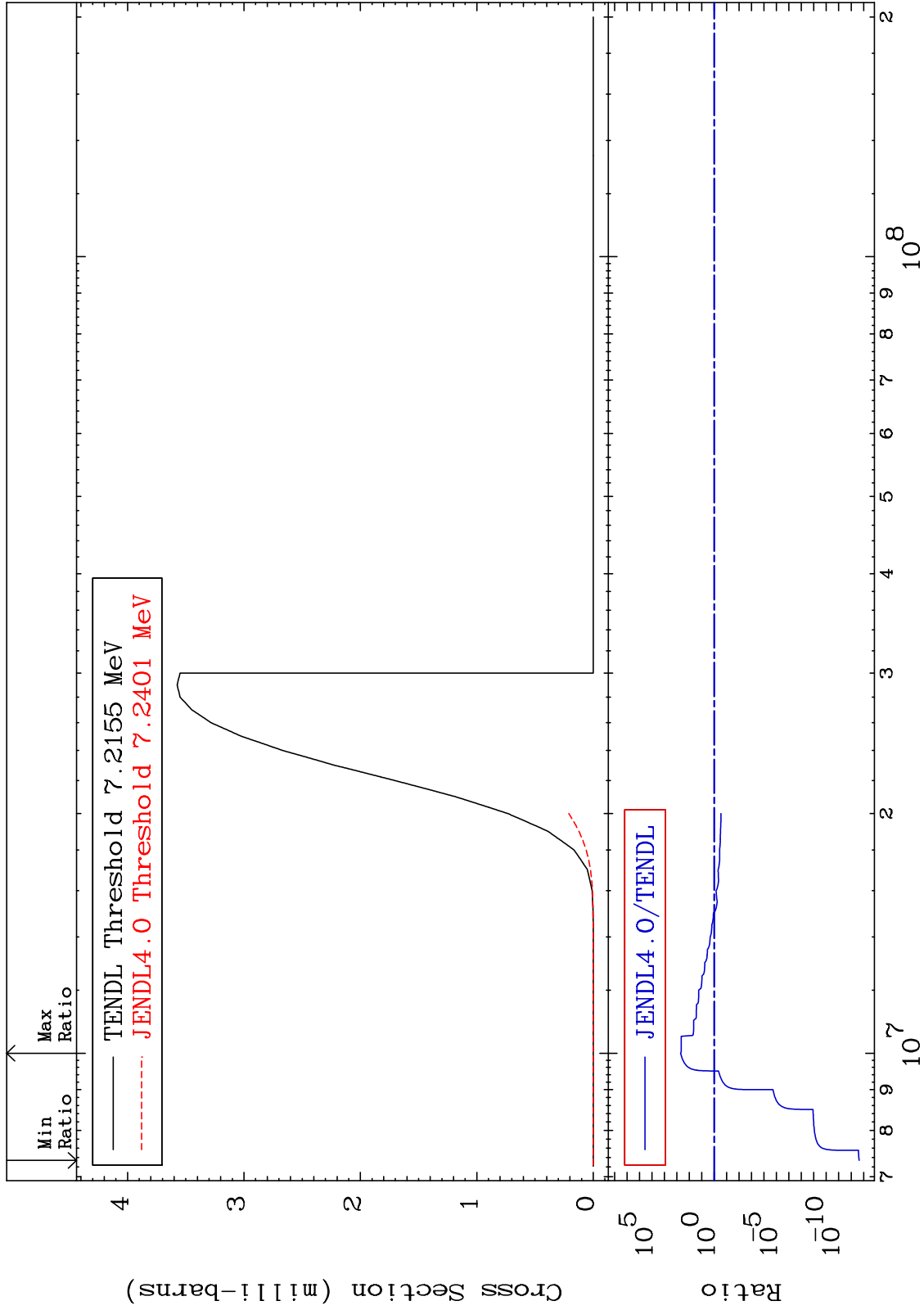
MAT 7649

(n, t)

76-0s-192

Cross Section

-100.0 To 9999. %



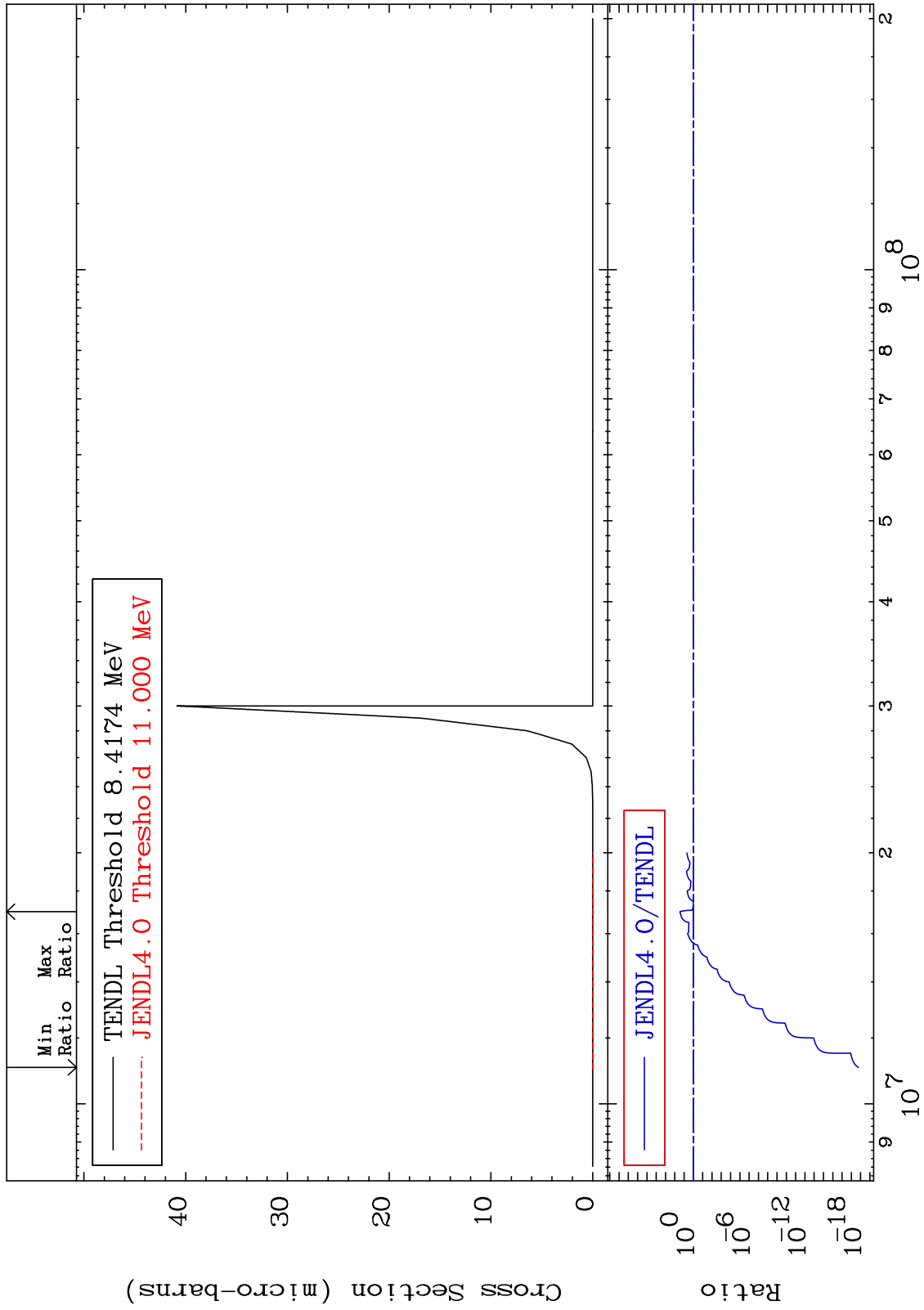
MAT 7649

(n, He-3)

76-0s-192

Cross Section

-100.0 To 2634. %



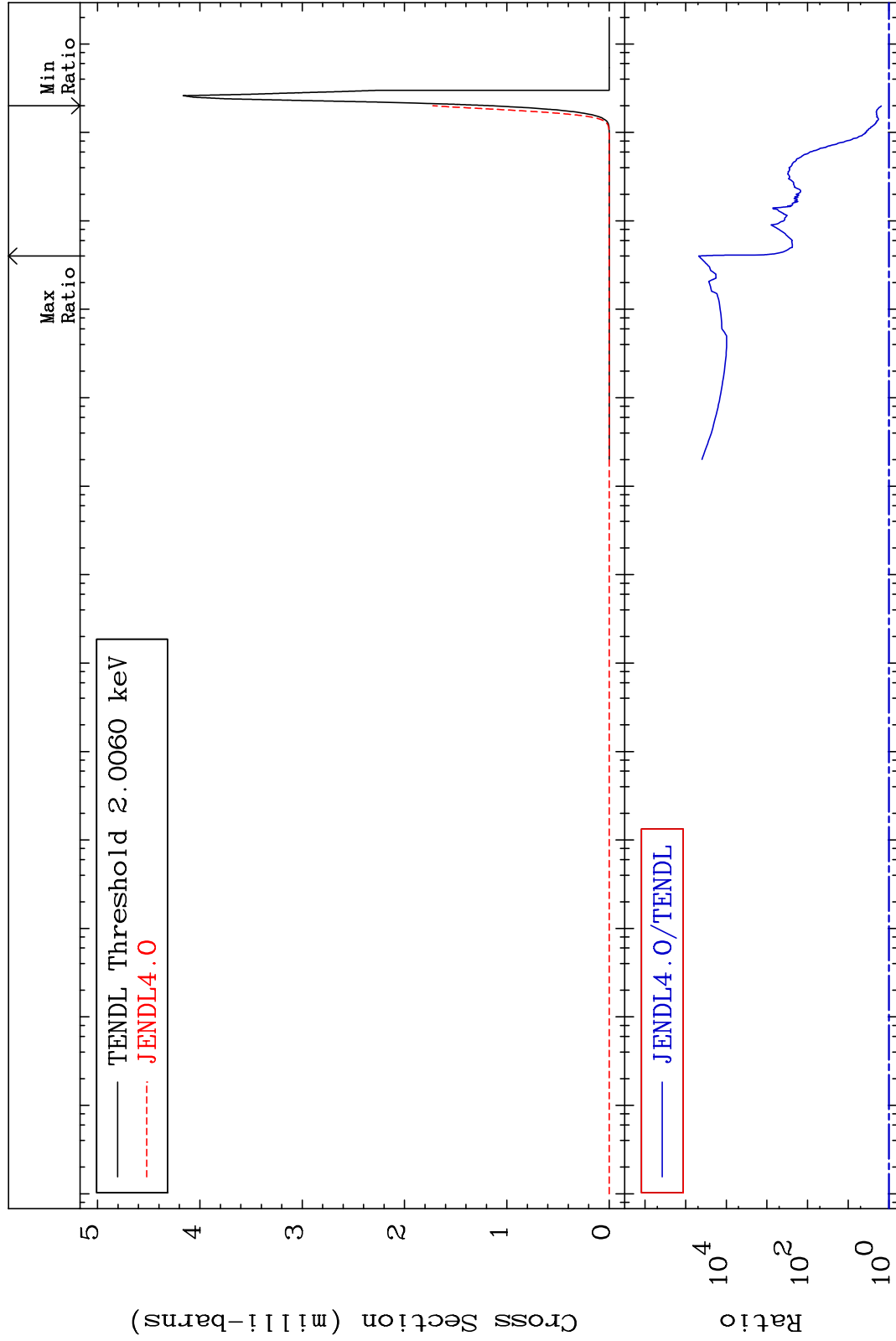
MAT 7649

(n,  $\alpha$ )

76-0s-192

Cross Section

51.14 To 9999. %



10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

45

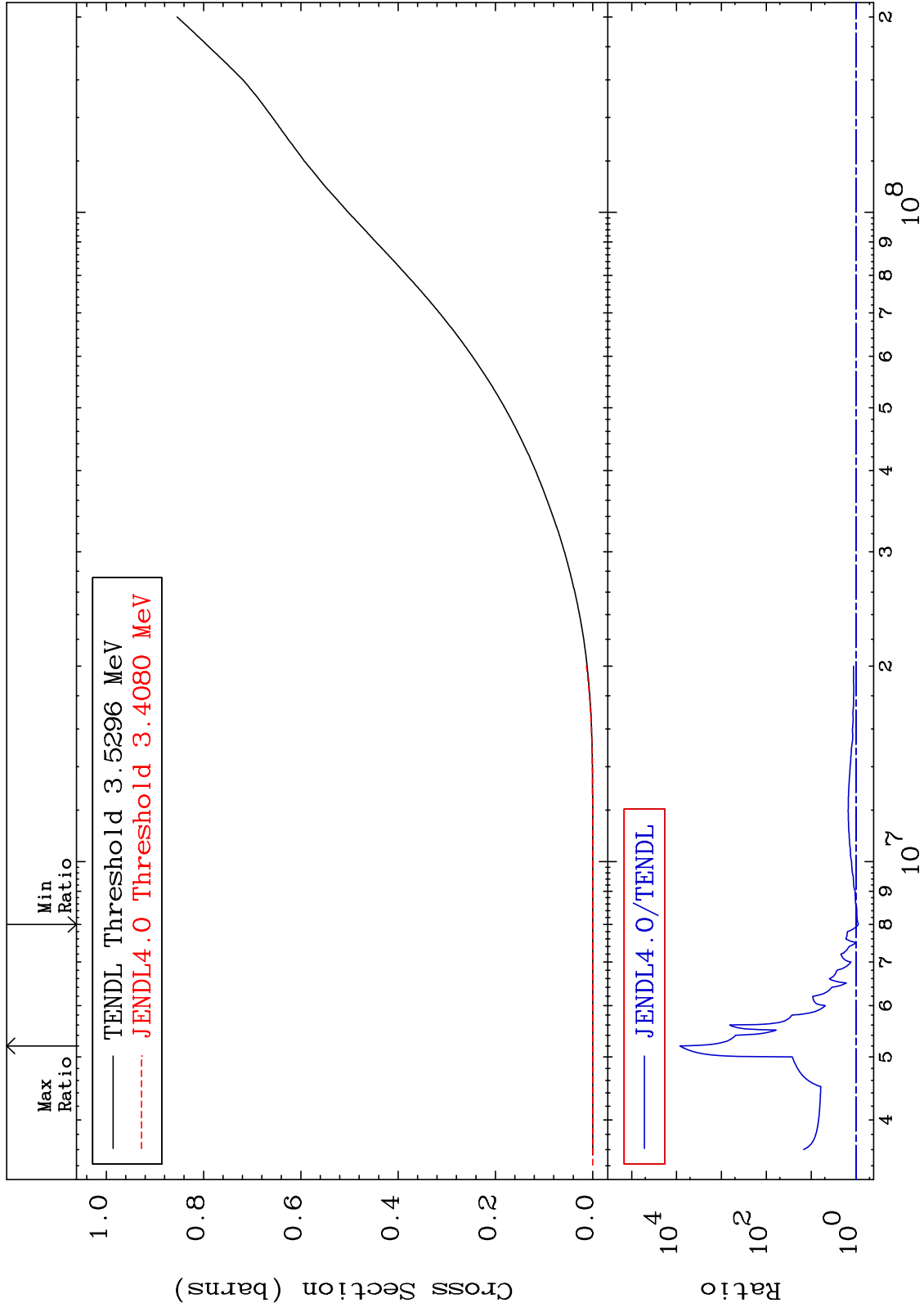
Incident Energy (eV)

76-0s-192

MAT 7649

Hydrogen Production  
Cross Section

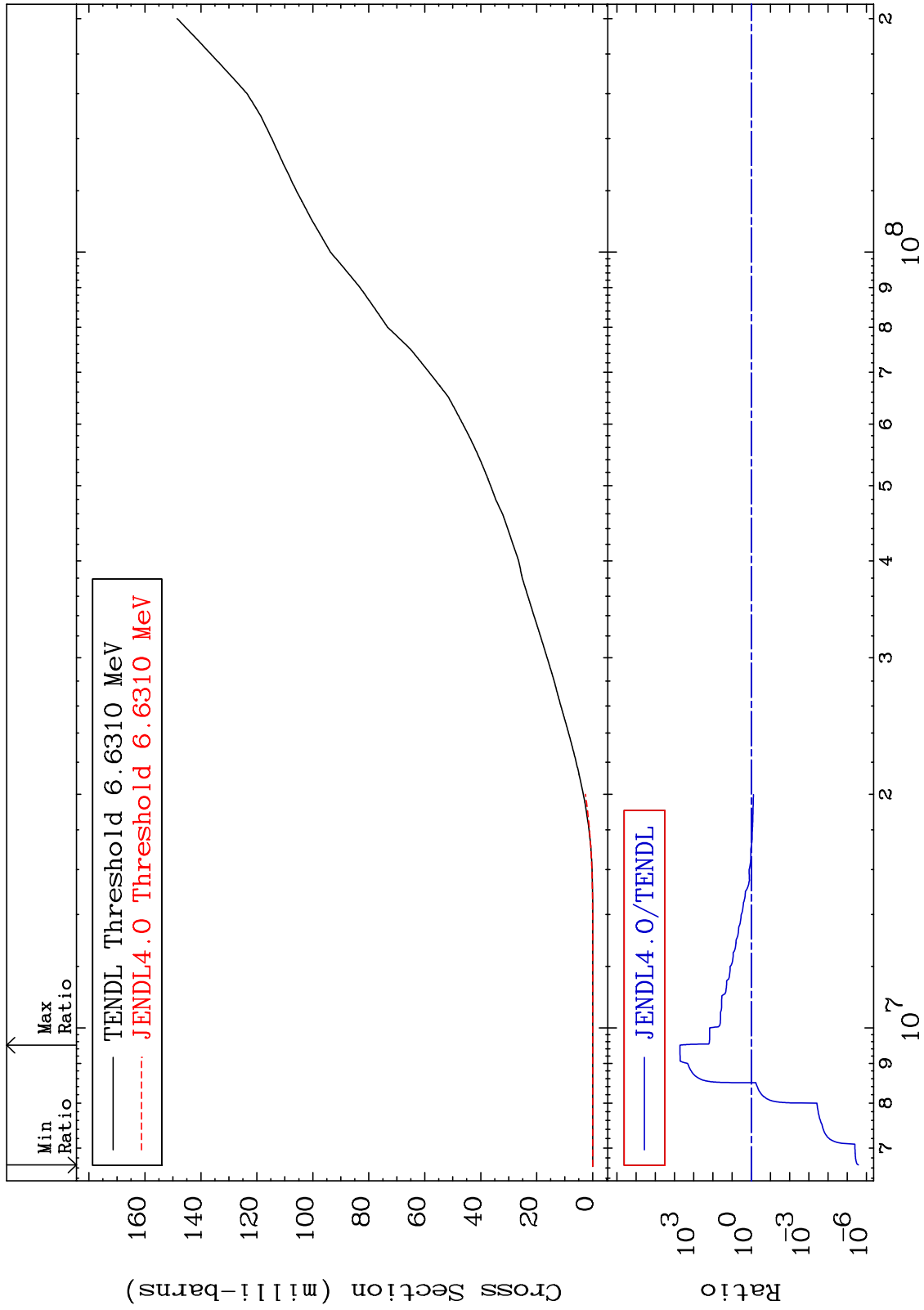
76-0s-192  
-11.49 To 9999. %



MAT 7649

Deuterium Production  
Cross Section

76-0s-192  
-100.0 To 9999. %



47

Incident Energy (eV)

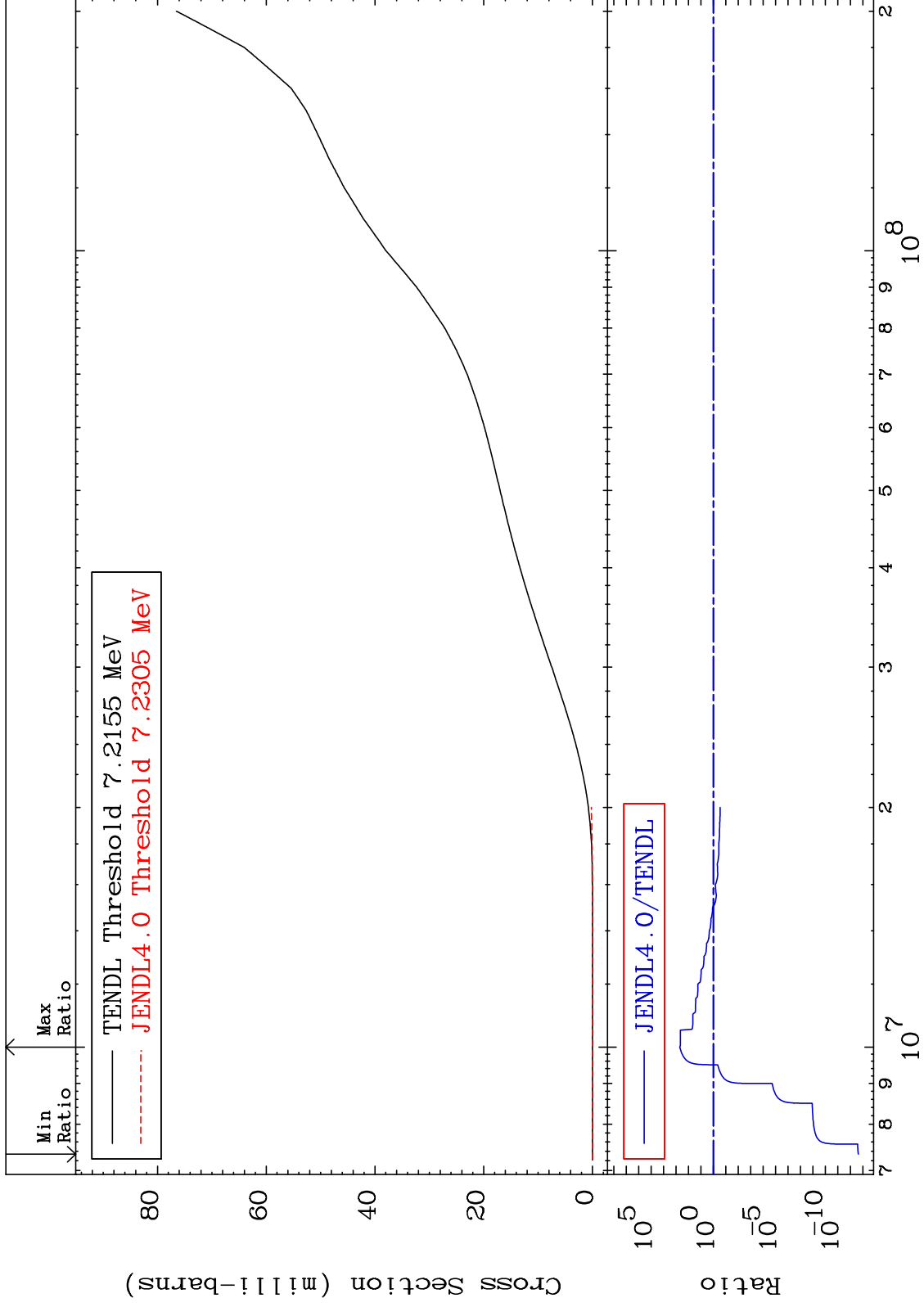
76-0s-192



MAT 7649

Tritium Production  
Cross Section

76-0s-192  
-100.0 To 9999. %



48

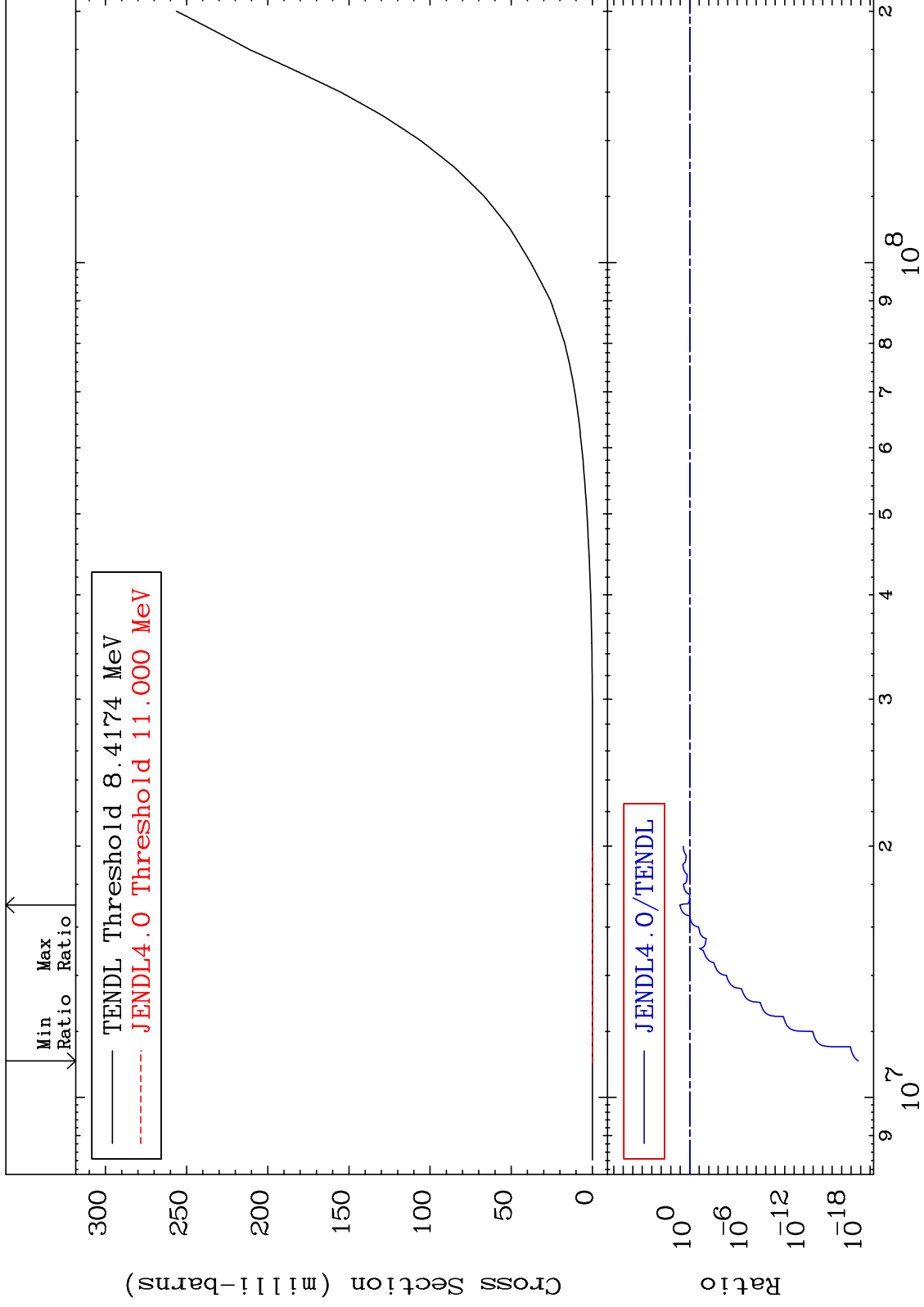
Incident Energy (eV)

76-0s-192

MAT 7649

He-3 Production  
Cross Section

76-0s-192  
-100.0 To 1014. %



49

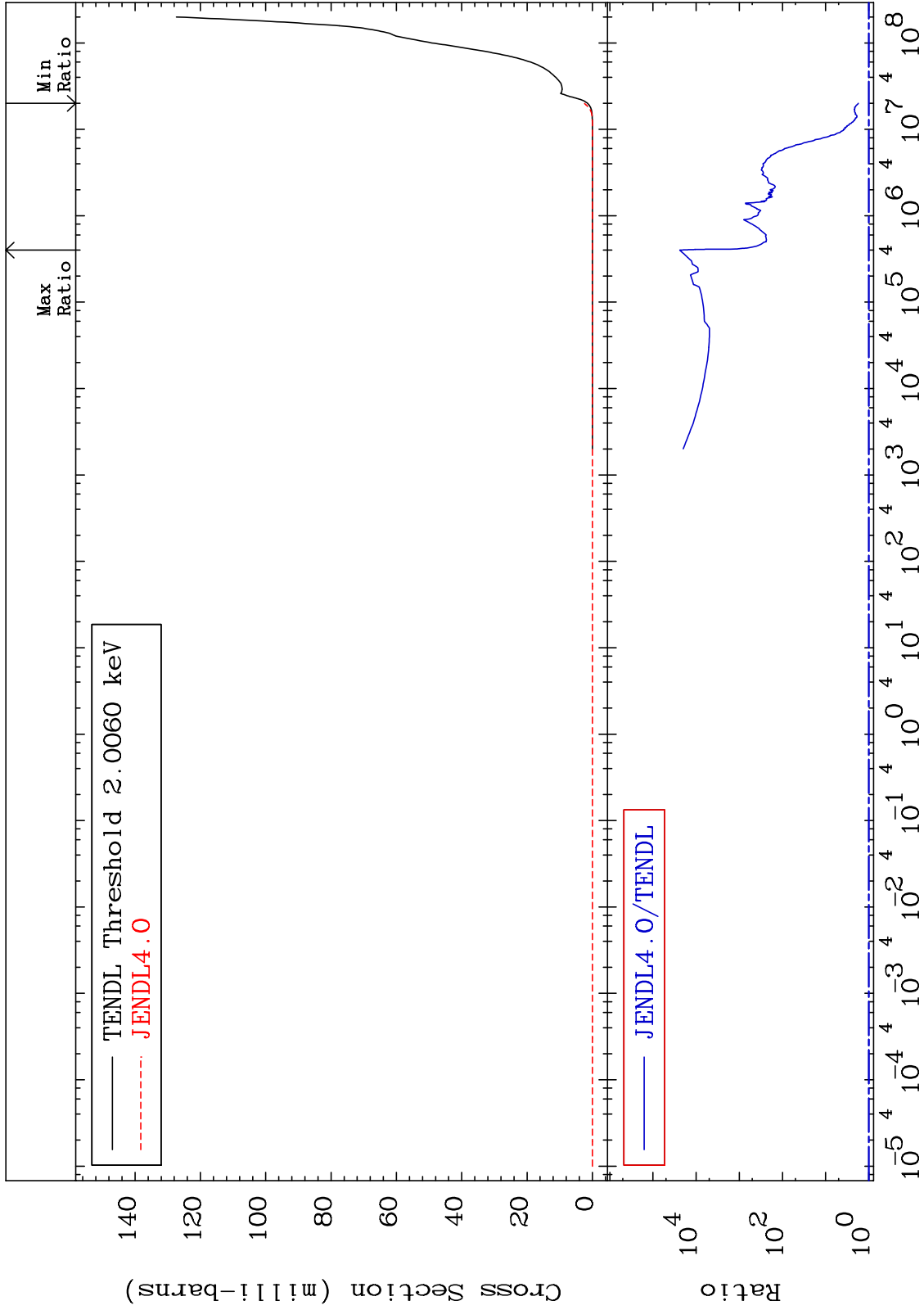
Incident Energy (eV)

76-0s-192

MAT 7649

He-4 Production  
Cross Section

76-0s-192  
74.56 To 9999. %



50

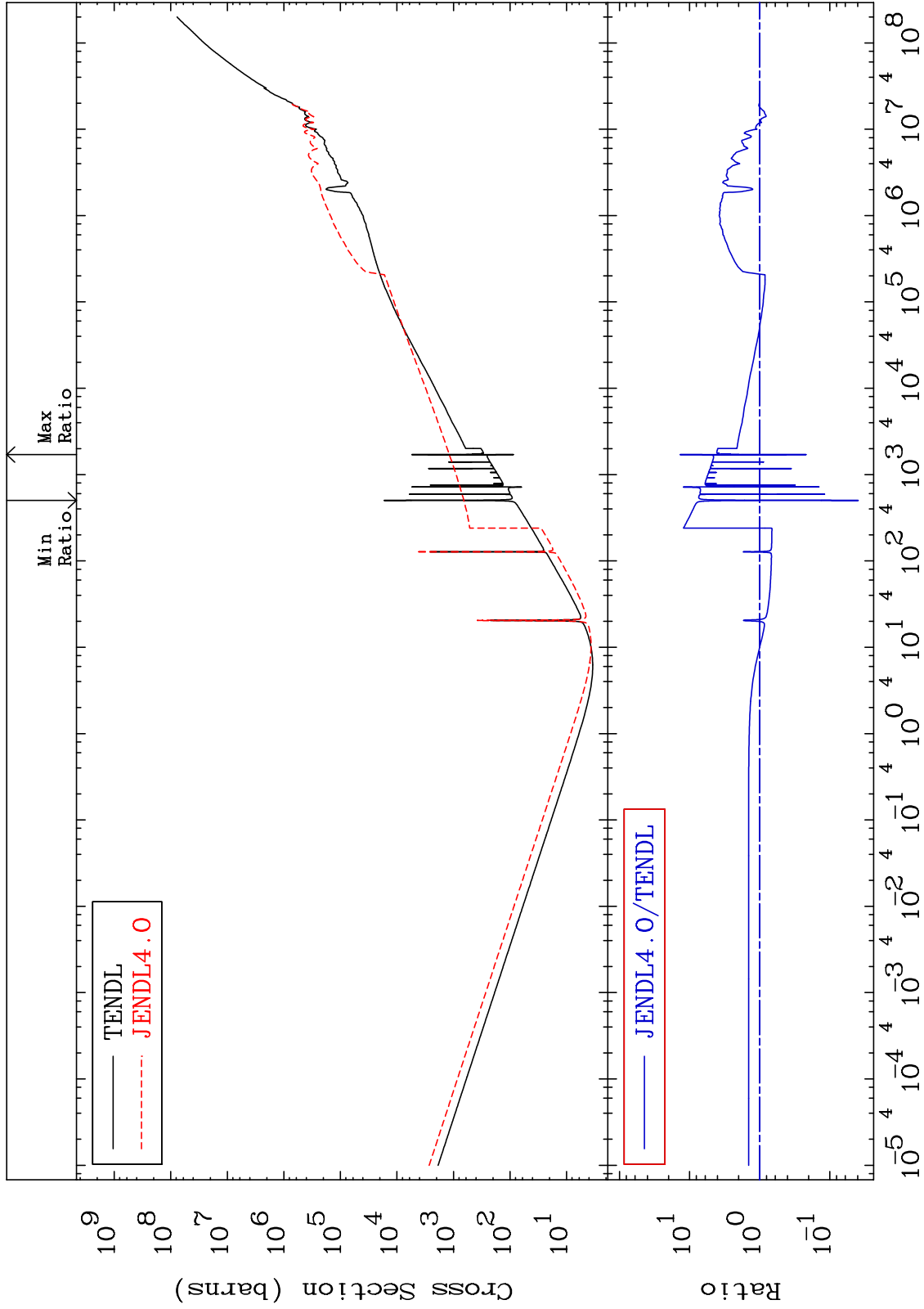
Incident Energy (eV)

76-0s-192

MAT 7649

Kerma total (eV-barns)  
Cross Section

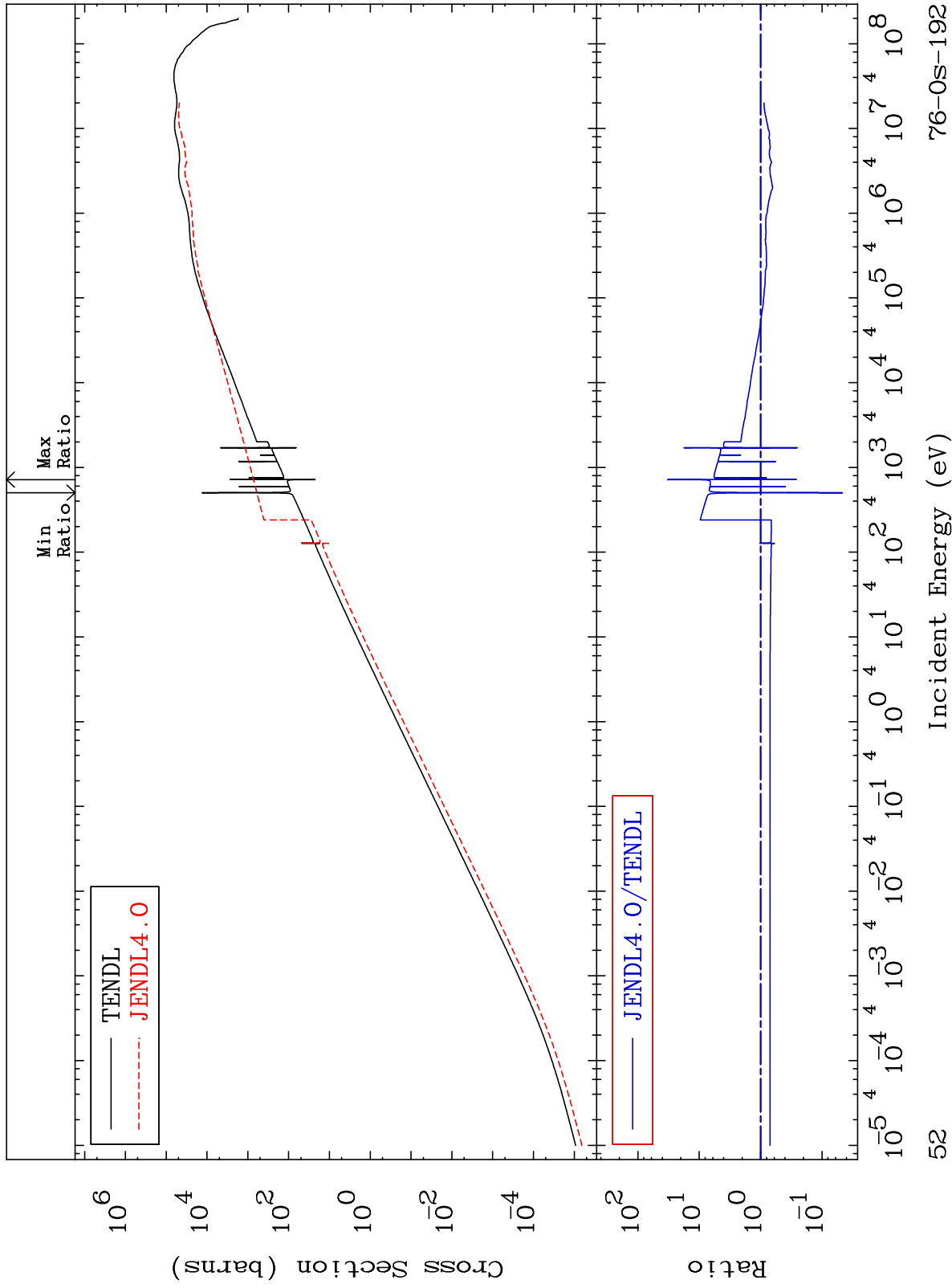
76-0s-192  
-96.10 To 1270. %



MAT 7649

Kerma elastic  
Cross Section

76-0s-192  
-95.40 To 3184. %



52

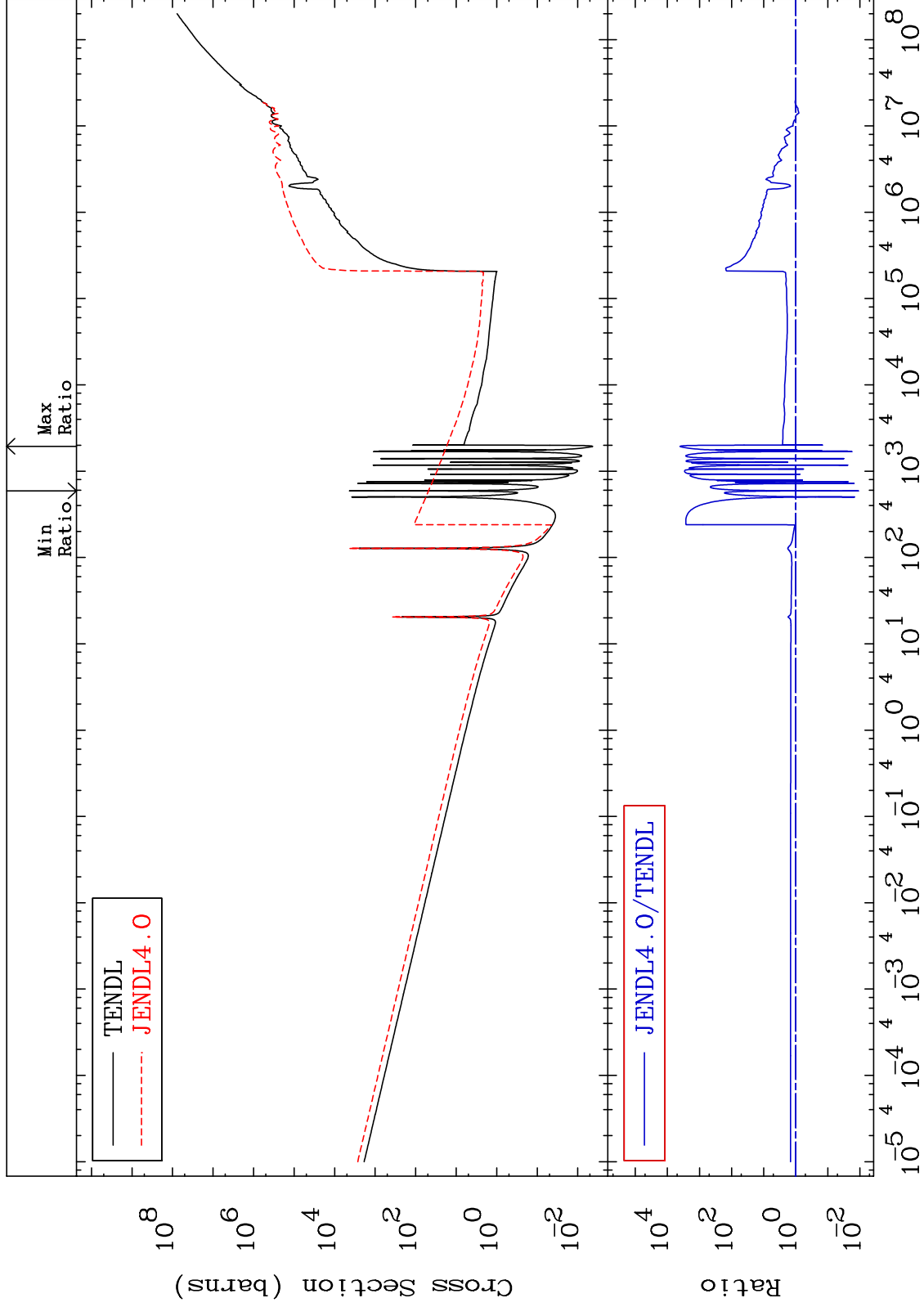
Incident Energy (eV)

76-0s-192

MAT 7649

Kerma non-elastic (all but mt2)  
Cross Section

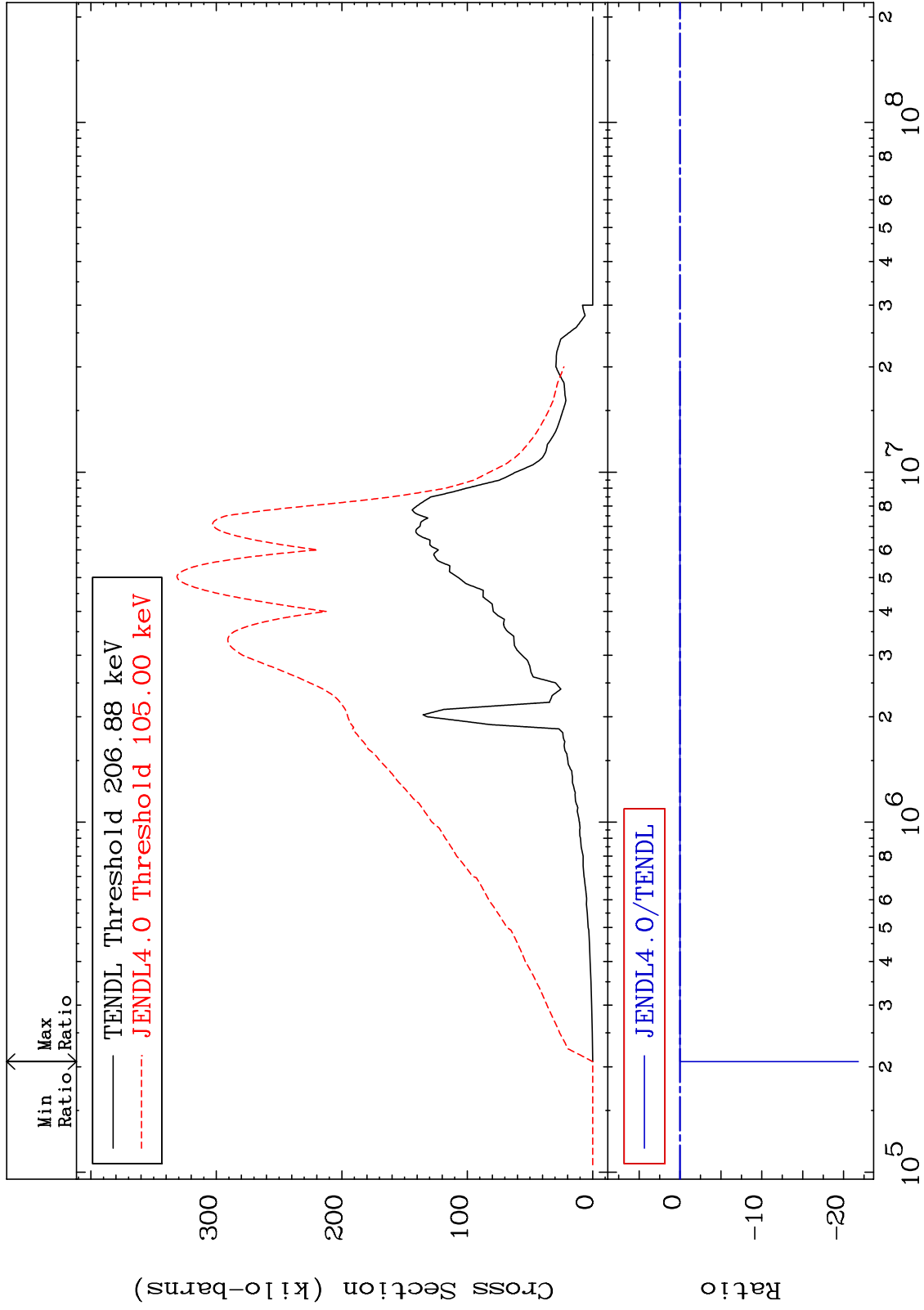
76-0s-192  
-98.89 To 9999. %



MAT 7649

Kerma inelastic (mt51-91)  
Cross Section

76-0s-192  
-9999. To 9999. %



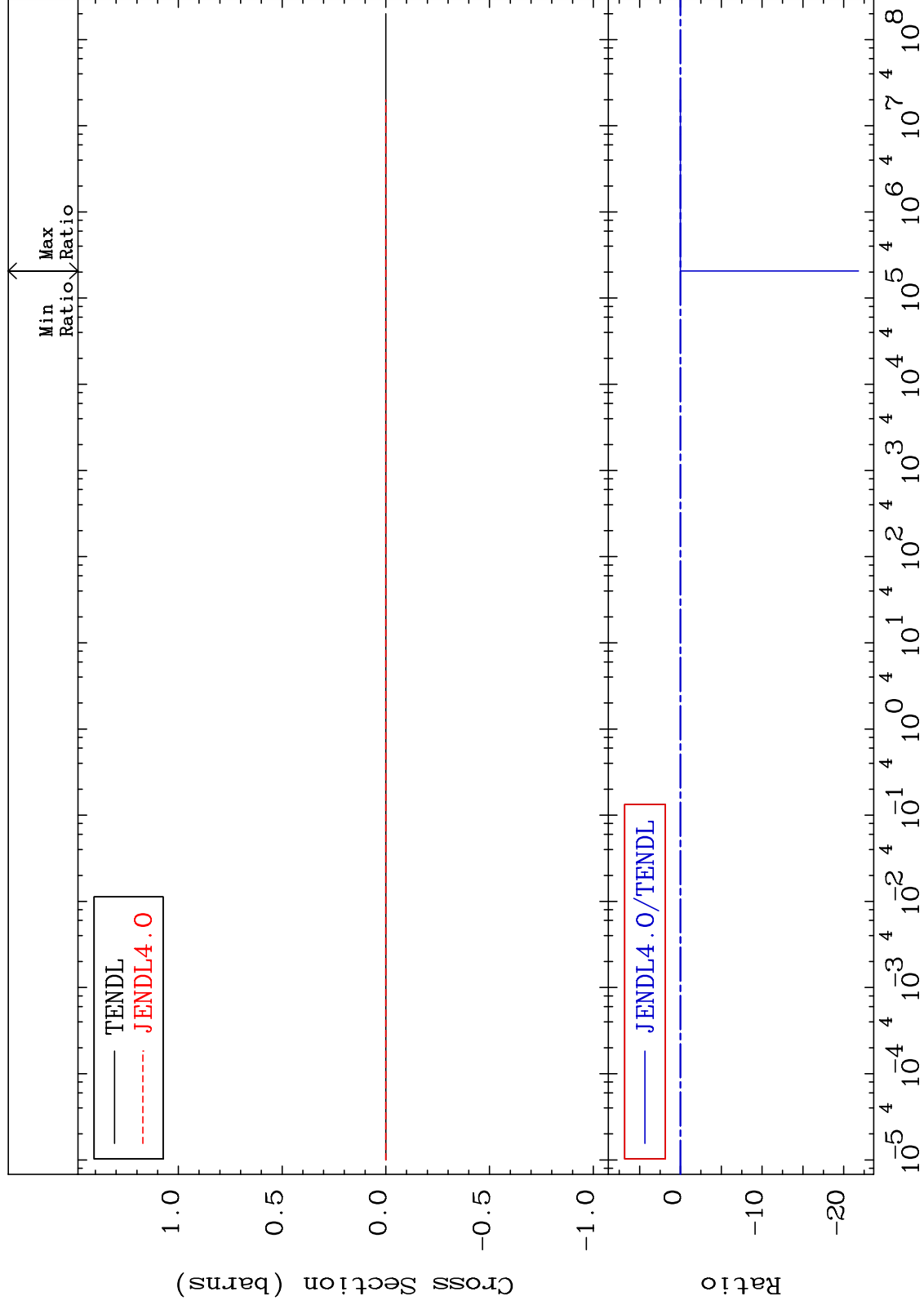
54

76-0s-192

MAT 7649

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

76-0s-192  
-9999. To 9999. %



55

Incident Energy (eV)

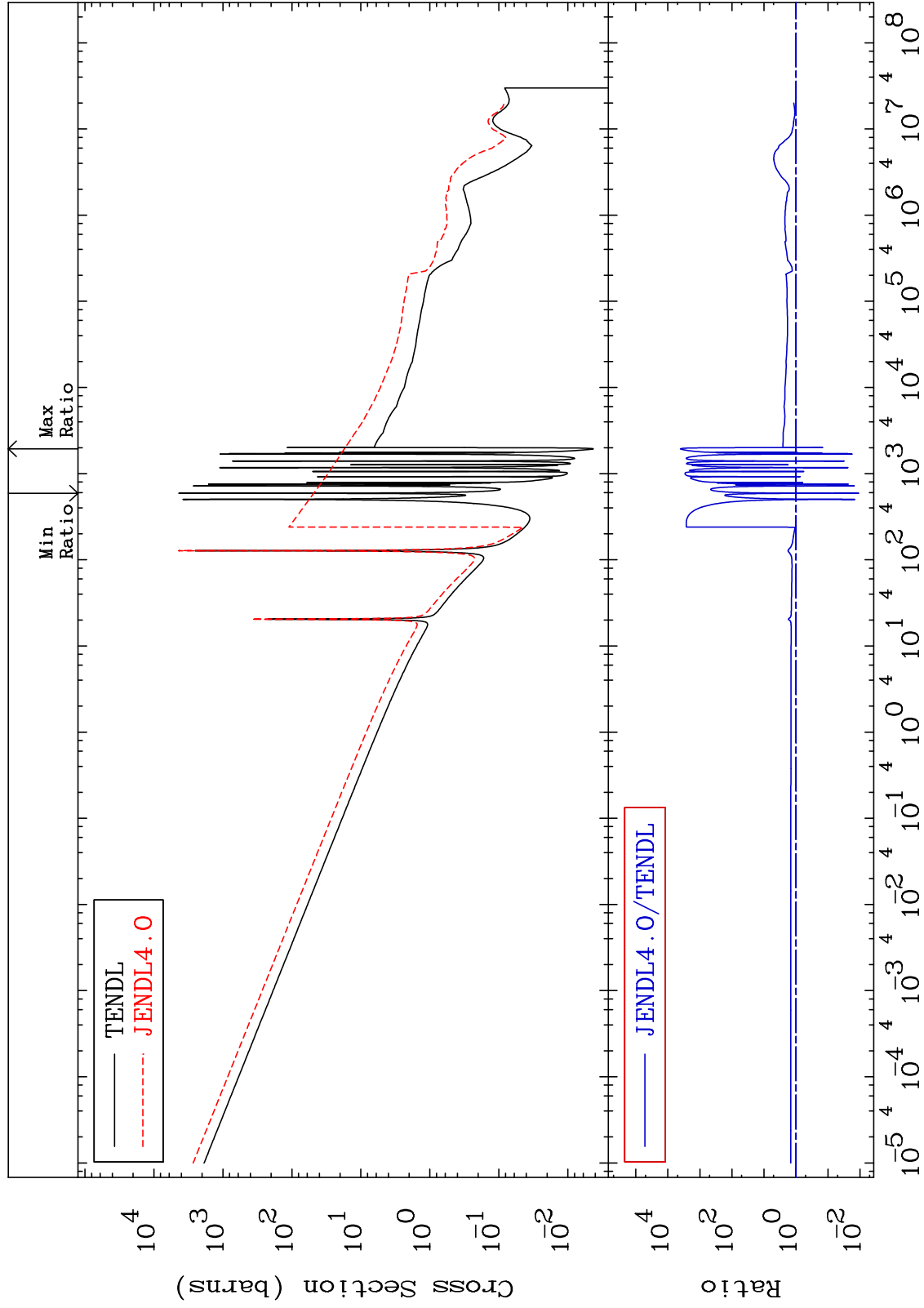
76-0s-192



MAT 7649

Kerma capture (mt102)  
Cross Section

76-0s-192  
-98.89 To 9999. %



56

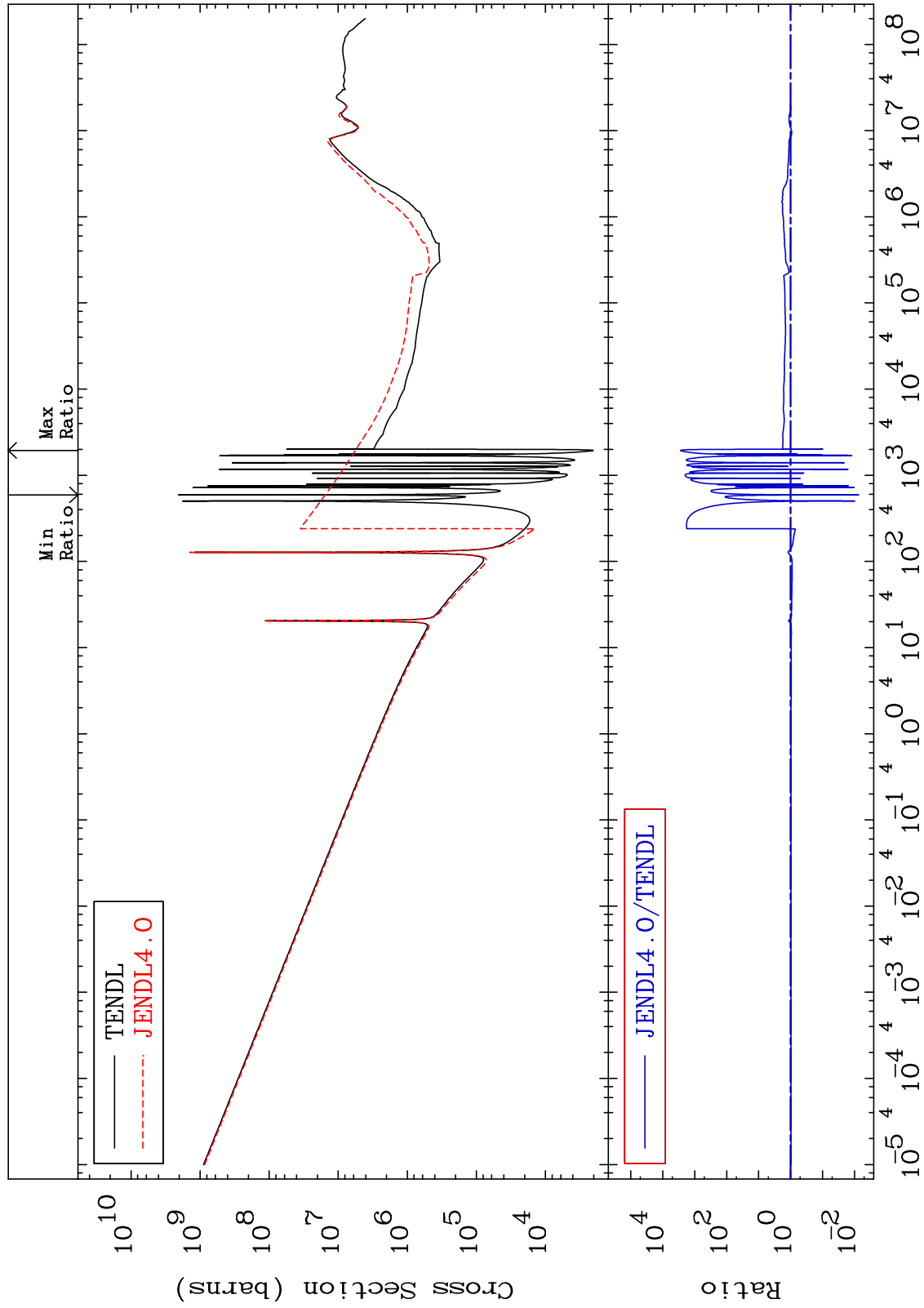
Incident Energy (eV)

76-0s-192

MAT 7649

Total photon (eV-barns)  
Cross Section

76-0s-192  
-99.25 To 9999. %



57

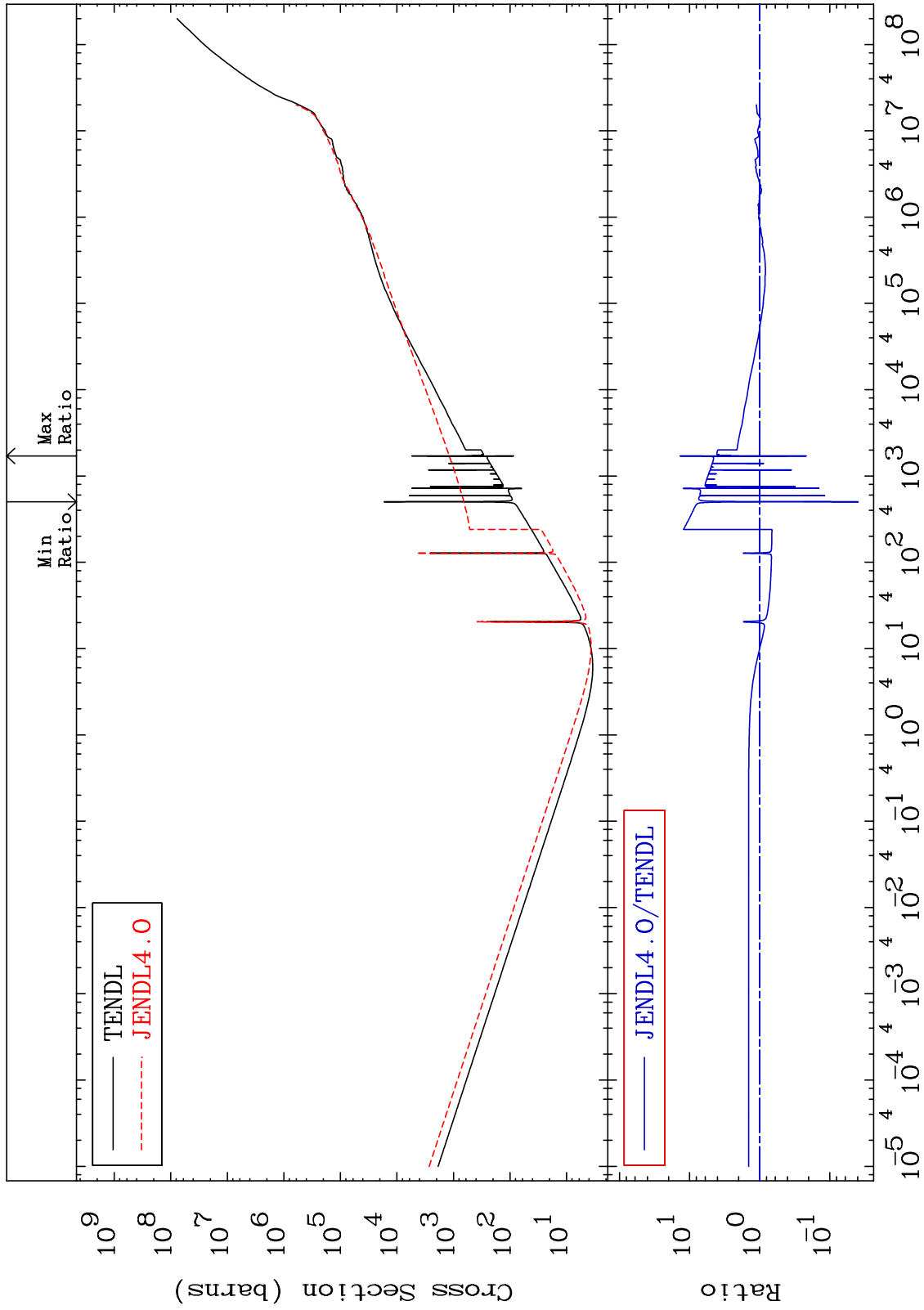
Incident Energy (eV)

76-0s-192

MAT 7649

Total kinematic kerma (high limit)  
Cross Section

76-0s-192  
-96.10 To 1270. %



58

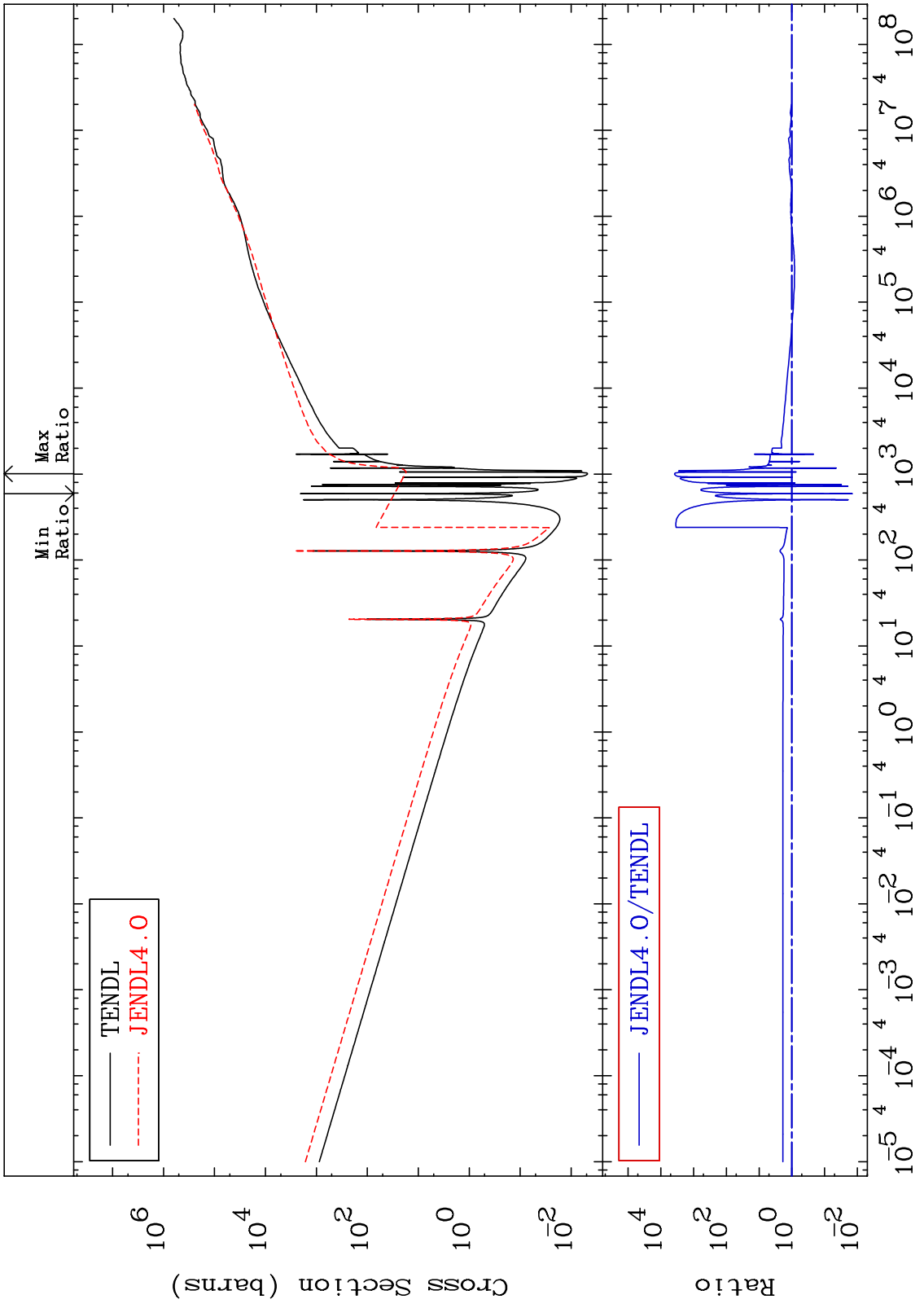
Incident Energy (eV)

76-0s-192

MAT 7649

Dpa total (eV-barns)  
Cross Section

76-0s-192  
-98.56 To 9999. %



59

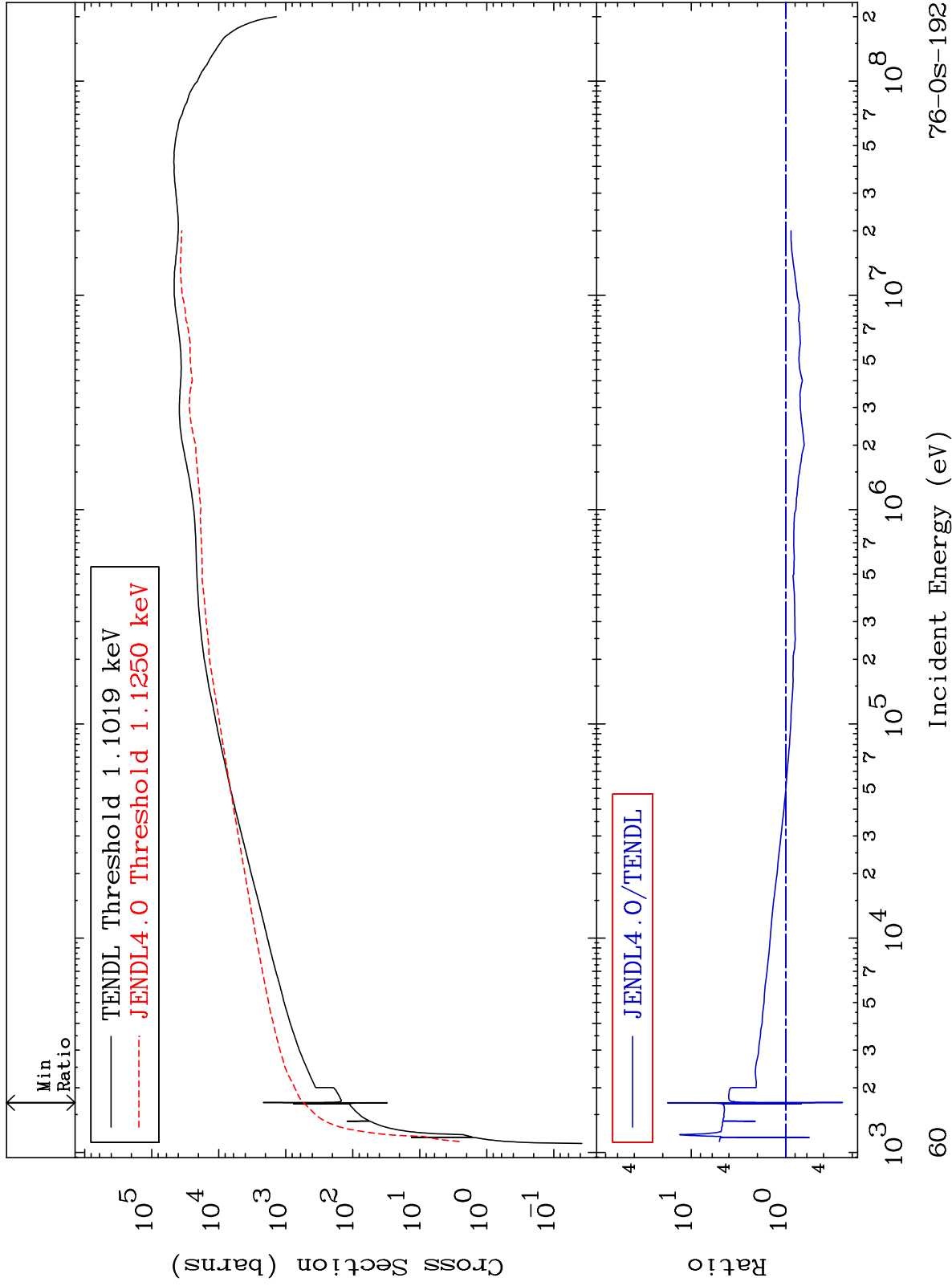
Incident Energy (eV)

76-0s-192

MAT 7649

Dpa elastic (mt2)  
Cross Section

76-0s-192  
-74.81 To 1678. %



60

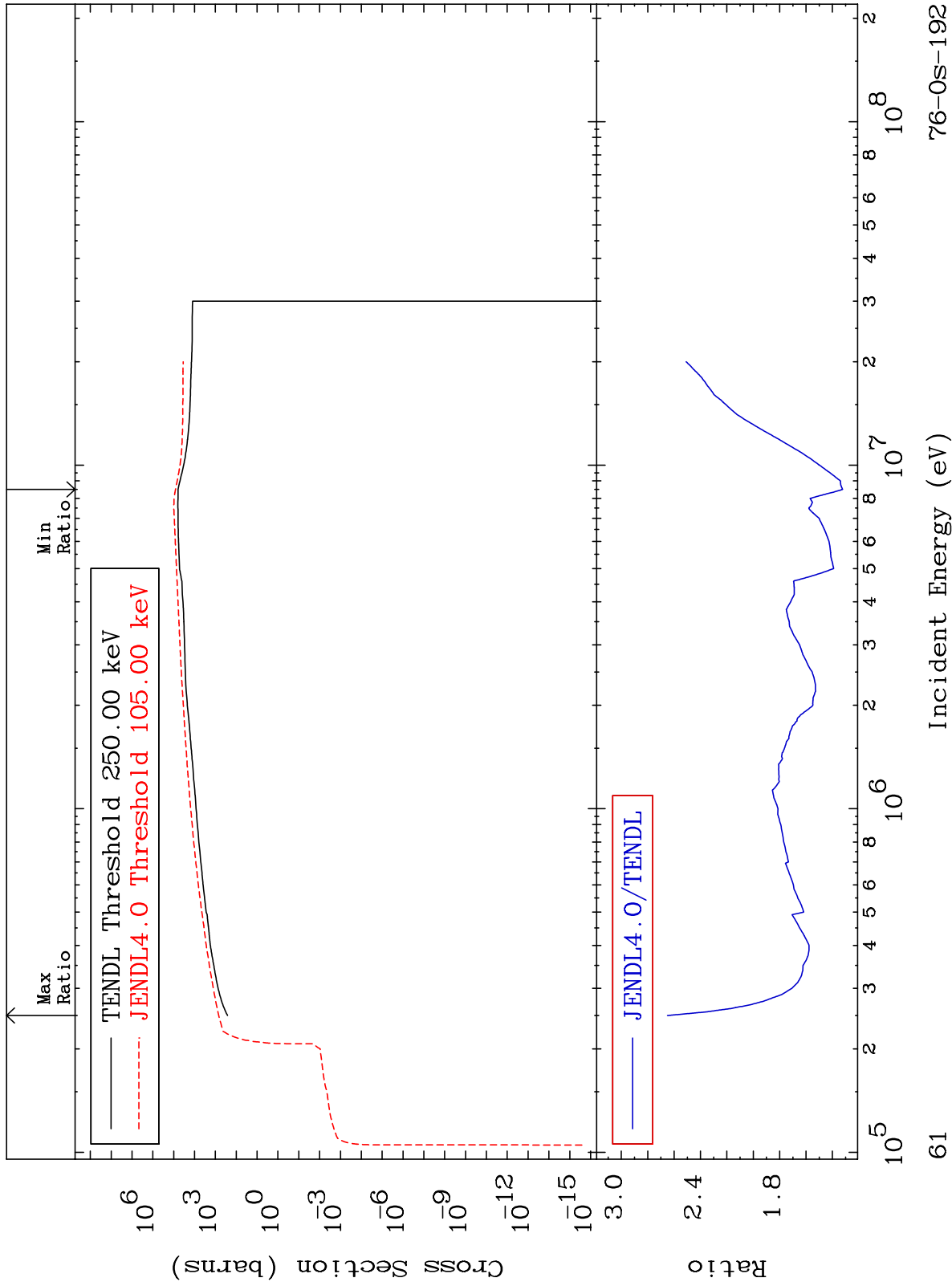
Incident Energy (eV)

76-0s-192

MAT 7649

Dpa inelastic (mt51-91)  
Cross Section

76-0s-192  
32.25 To 165.0 %



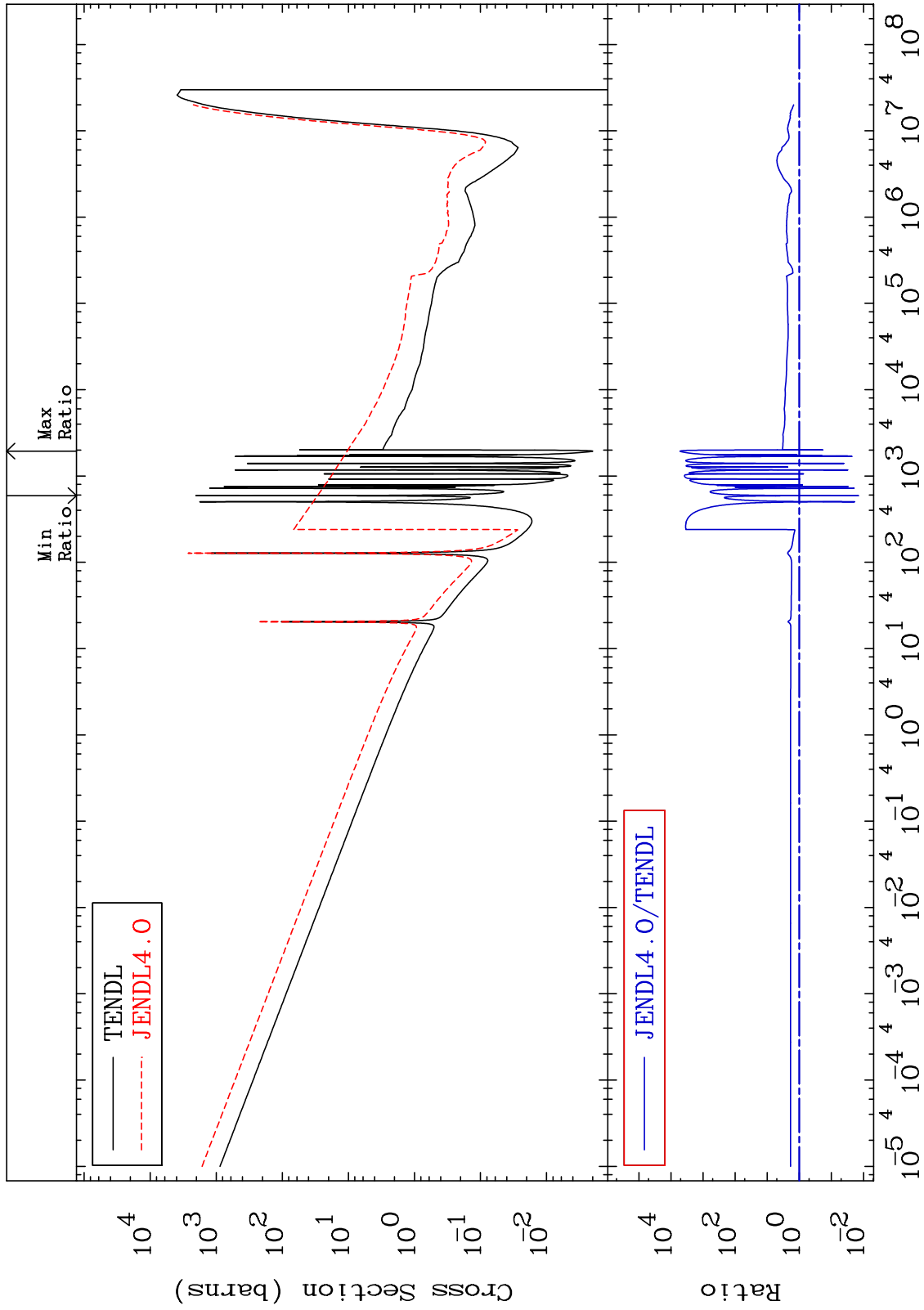
61

76-0s-192

MAT 7649

Dpa disappearance (mt102 -120)  
Cross Section

76-0s-192  
-98.56 To 9999. %



62

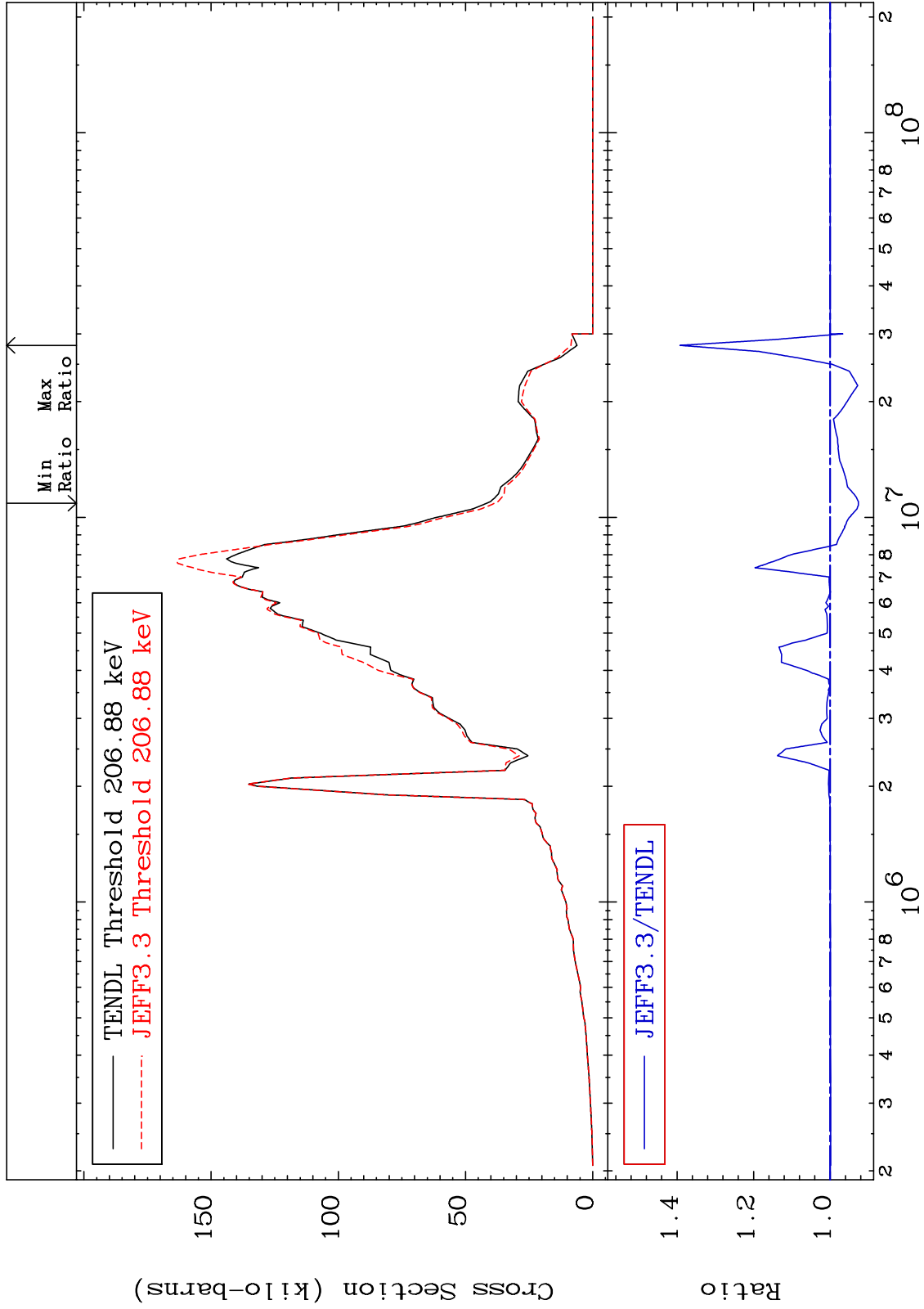
Incident Energy (eV)

76-0s-192

MAT 7649

Kerma inelastic (mt51-91)  
Cross Section

76-0s-192  
-7.386 To 39.22 %



63

Incident Energy (eV)

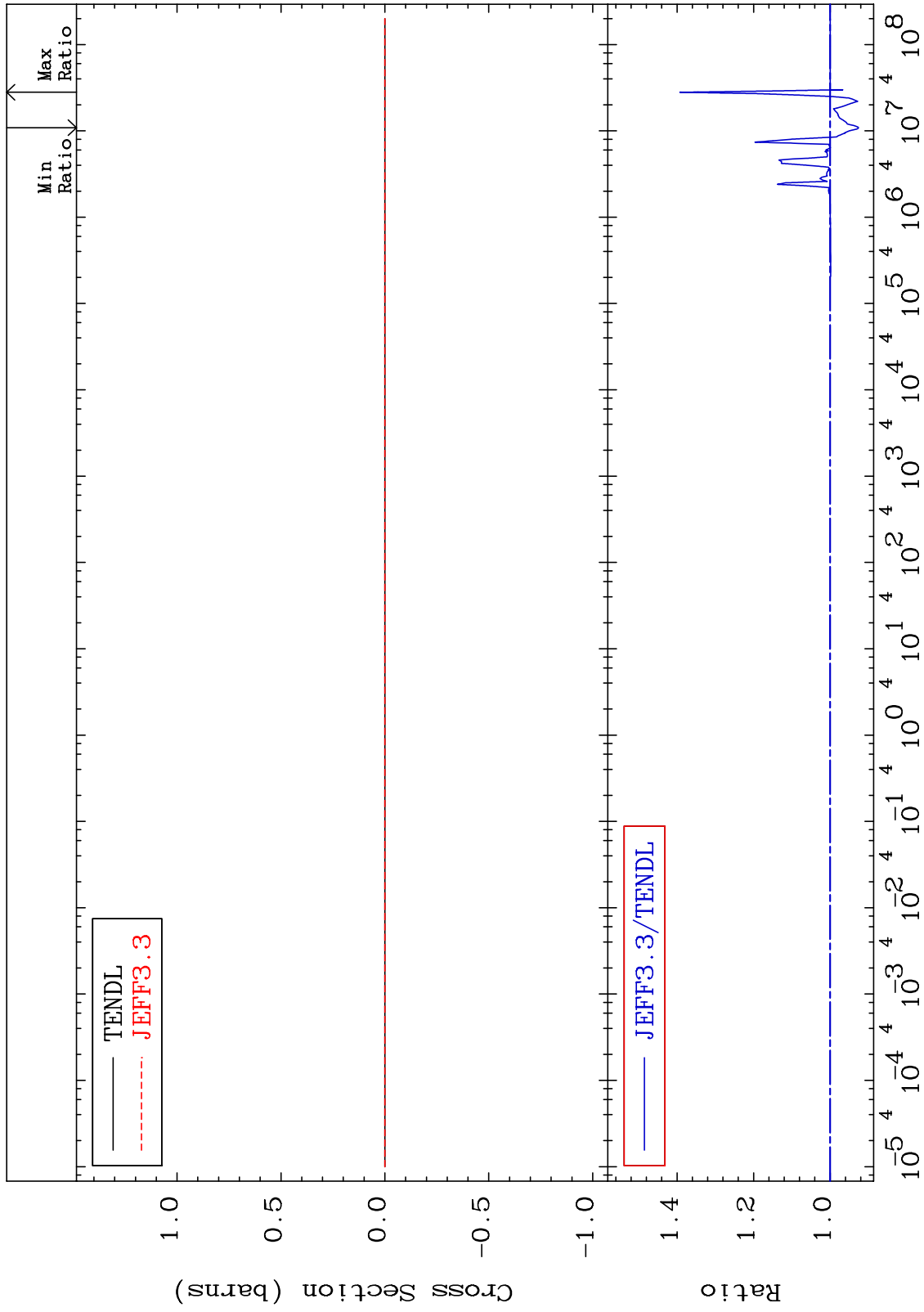
76-0s-192



MAT 7649

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

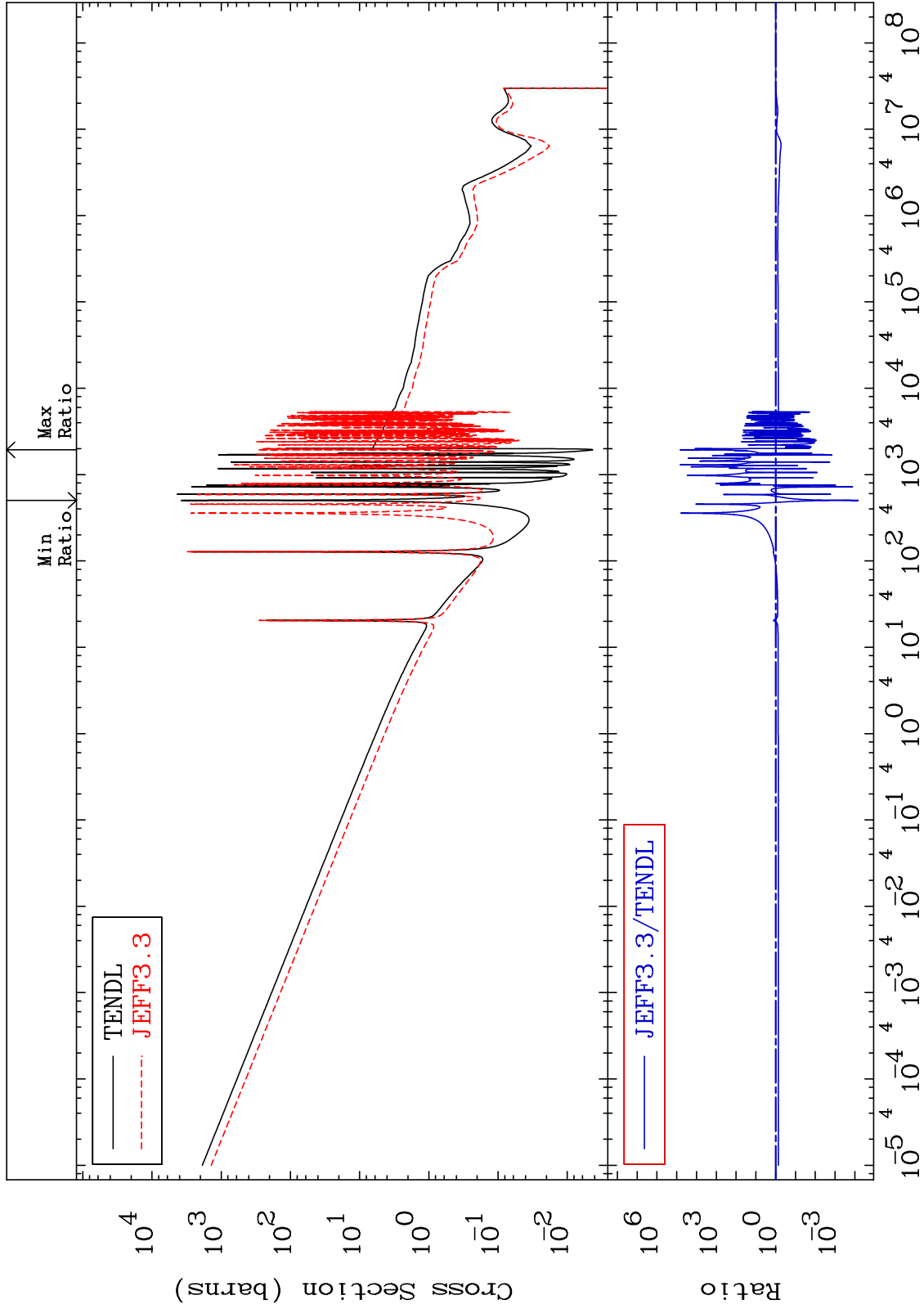
76-0s-192  
-7.386 To 39.22 %



MAT 7649

Kerma capture (mt102)  
Cross Section

76-0s-192  
-99.99 To 9999. %



65

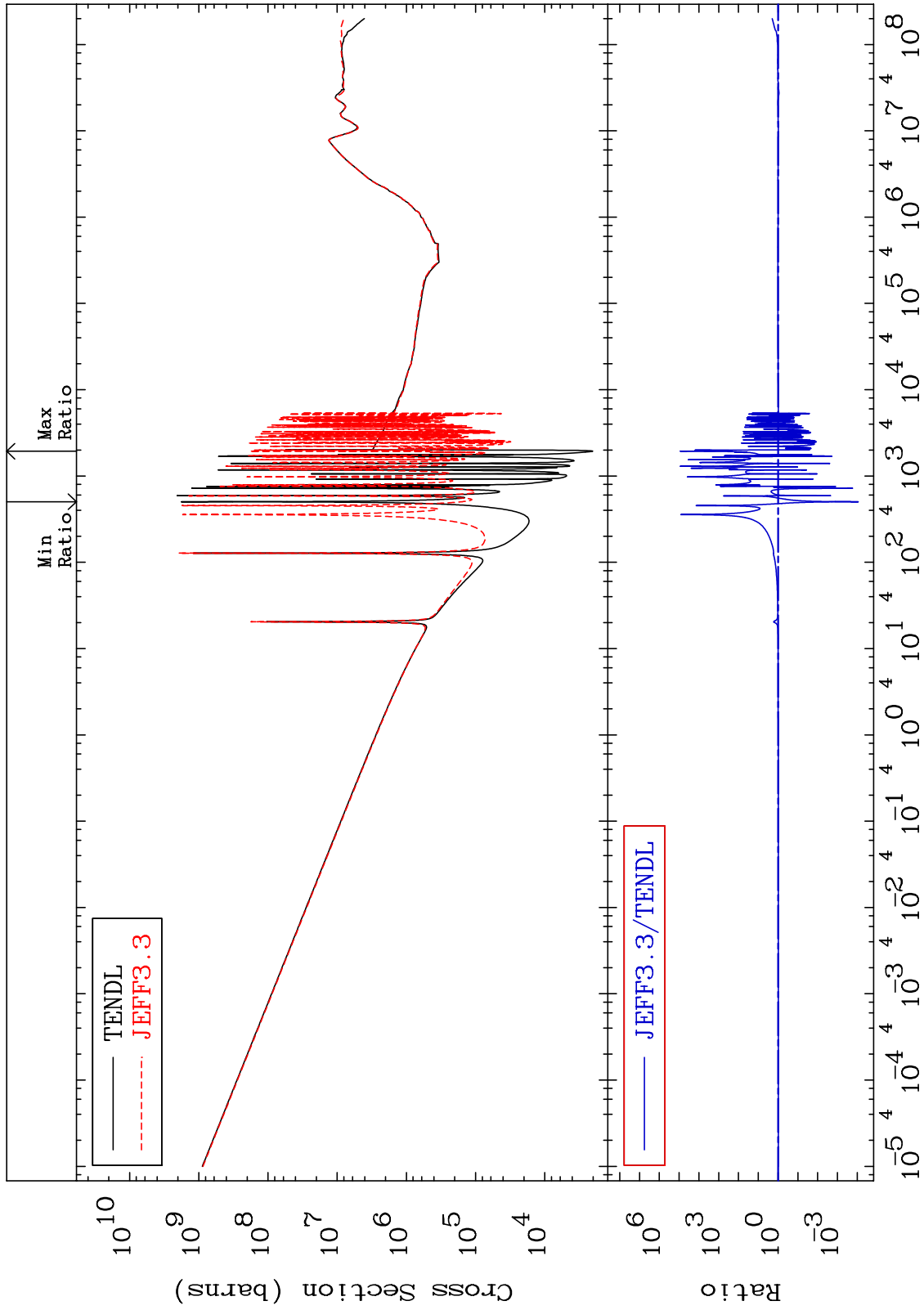
Incident Energy (eV)

76-0s-192

MAT 7649

Total photon (eV-barns)  
Cross Section

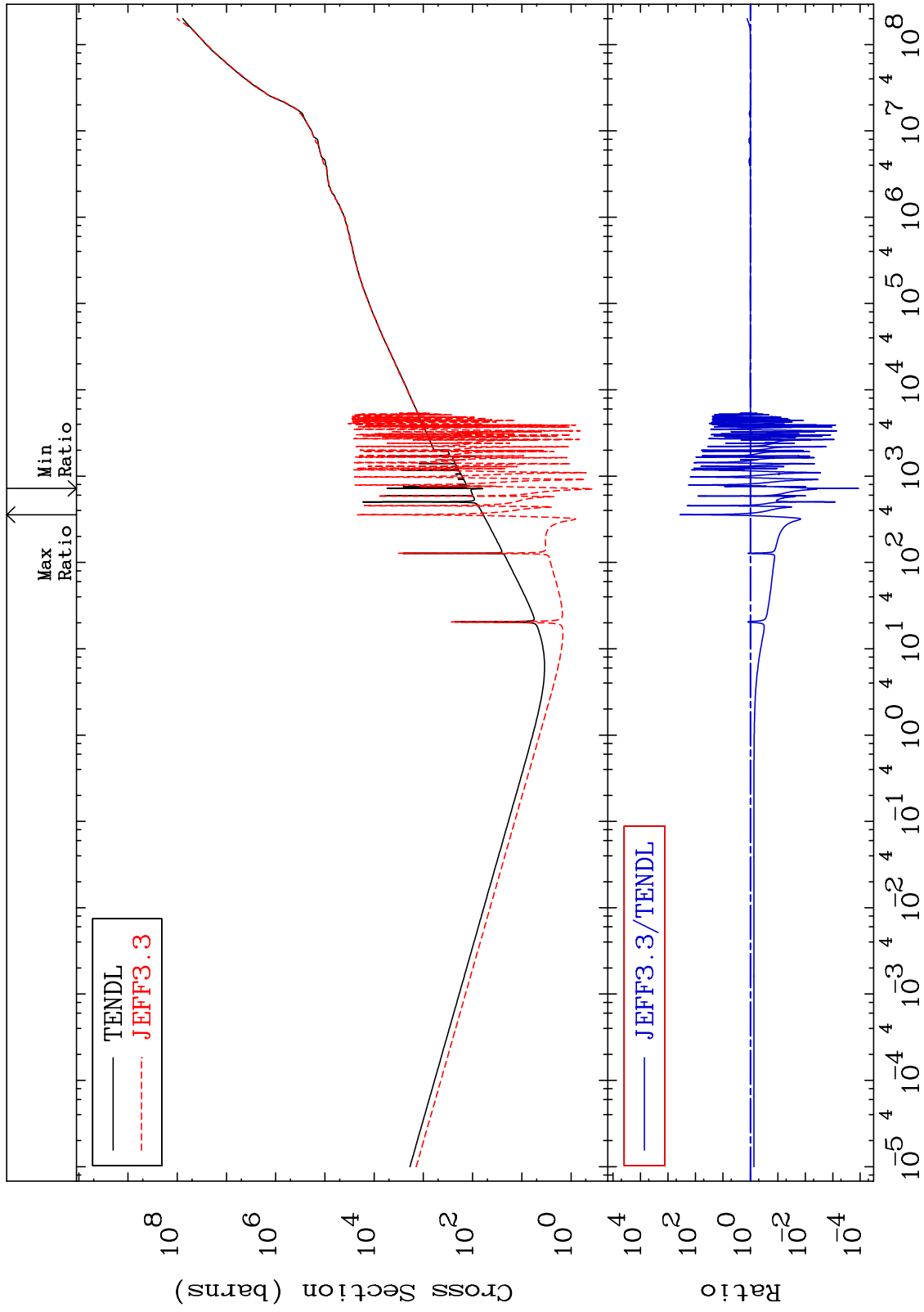
76-0s-192  
-99.99 To 9999. %



MAT 7649

Total kinematic kerma (high limit)  
Cross Section

76-0s-192  
-99.99 To 9999. %



67

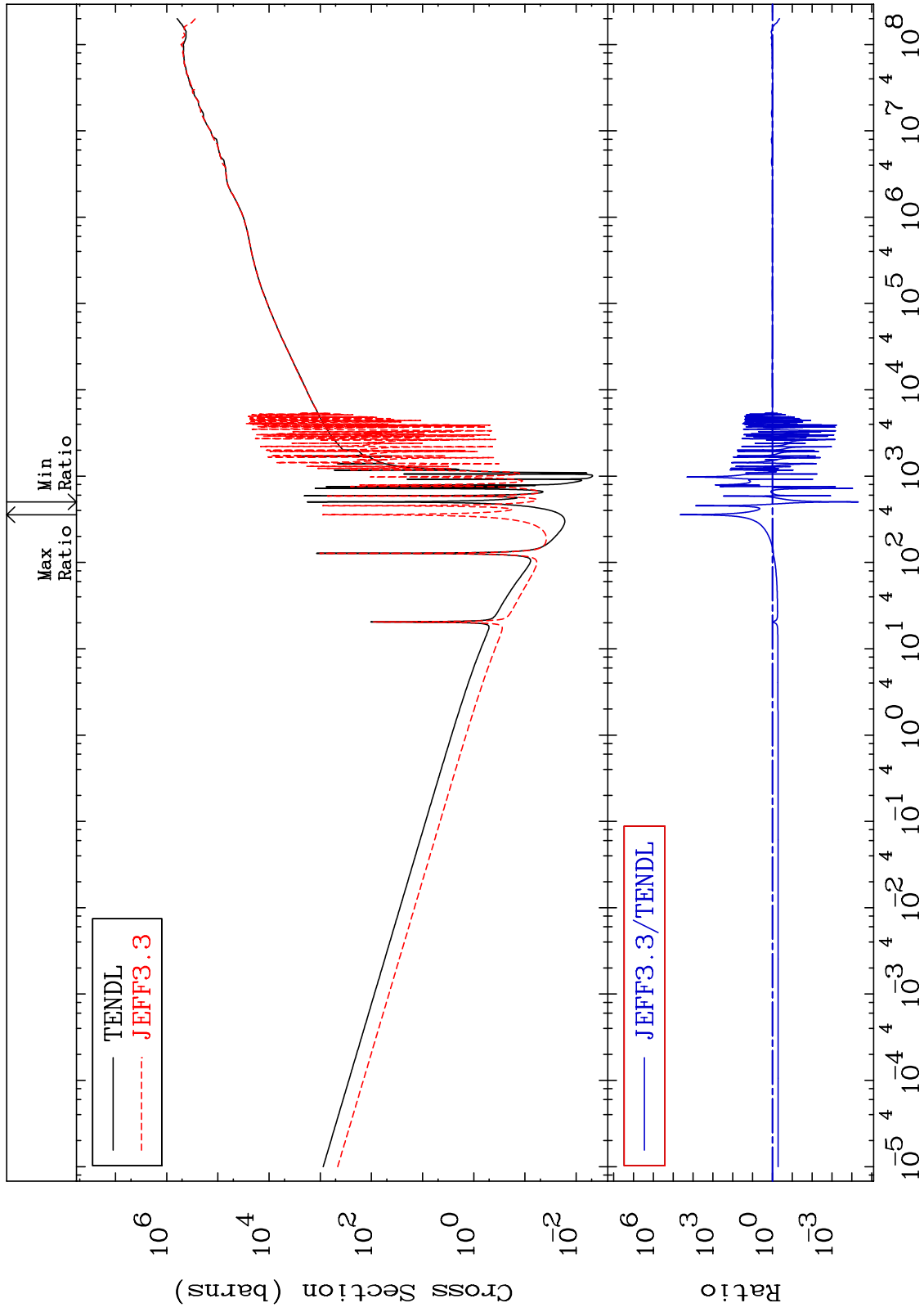
Incident Energy (eV)

76-0s-192

MAT 7649

Dpa total (eV-barns)  
Cross Section

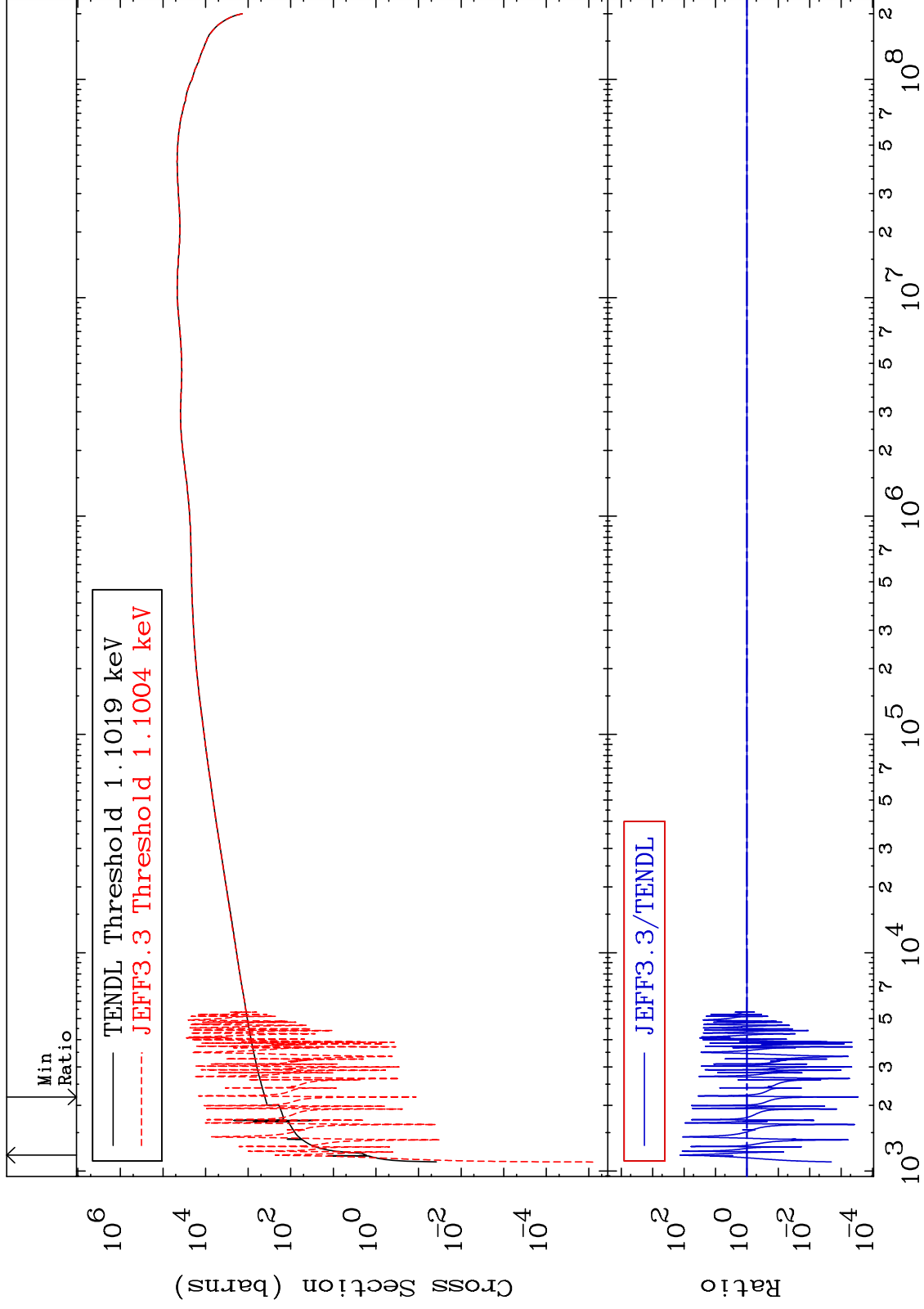
76-0s-192  
-100.0 To 9999. %



MAT 7649

Dpa elastic (mt2)  
Cross Section

76-0s-192  
-99.97 To 9999. %



69

76-0s-192

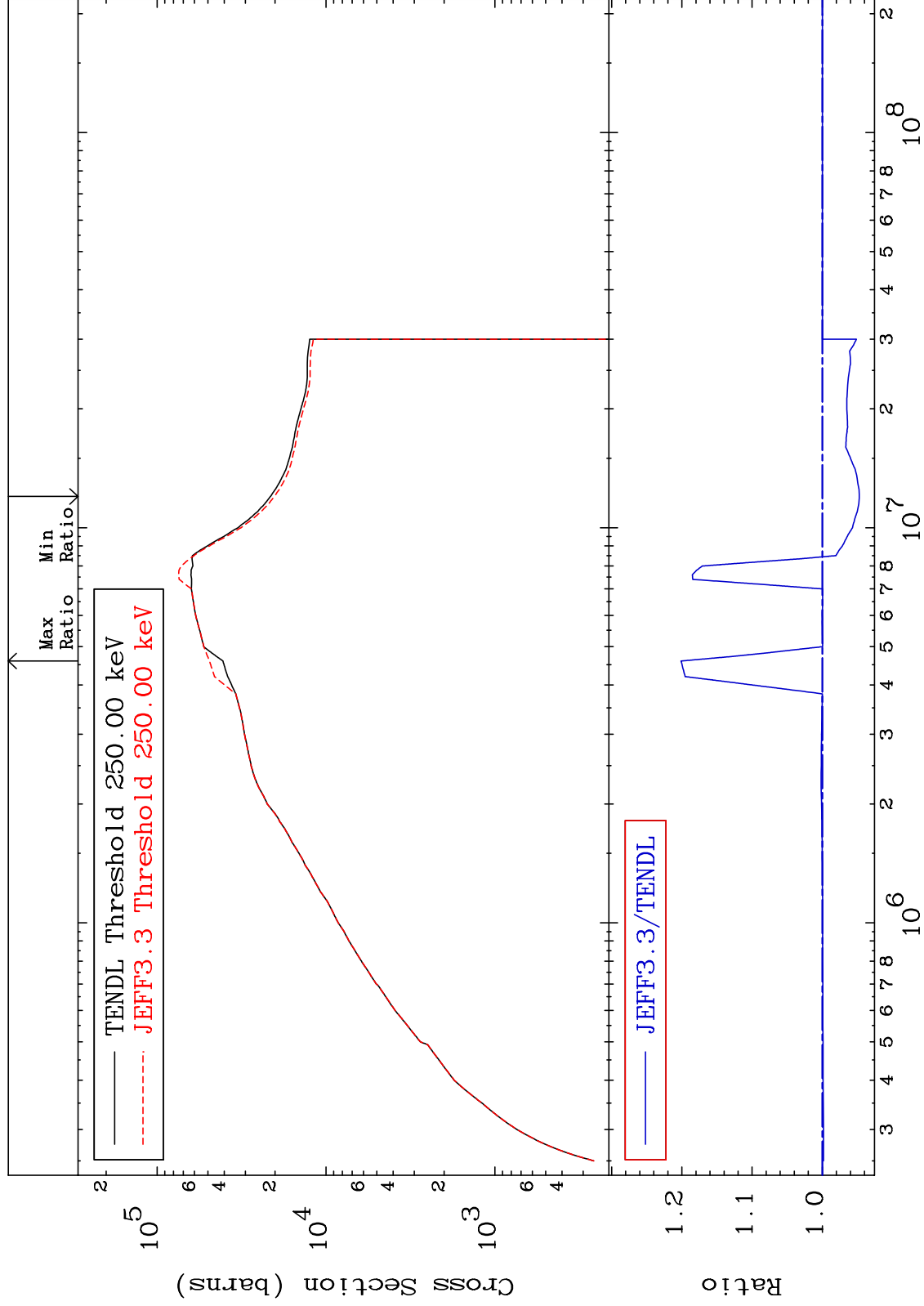
MAT 7649

Dpa inelastic (mt51-91)

76-0s-192

-5.261 To 20.12 %

Cross Section



70

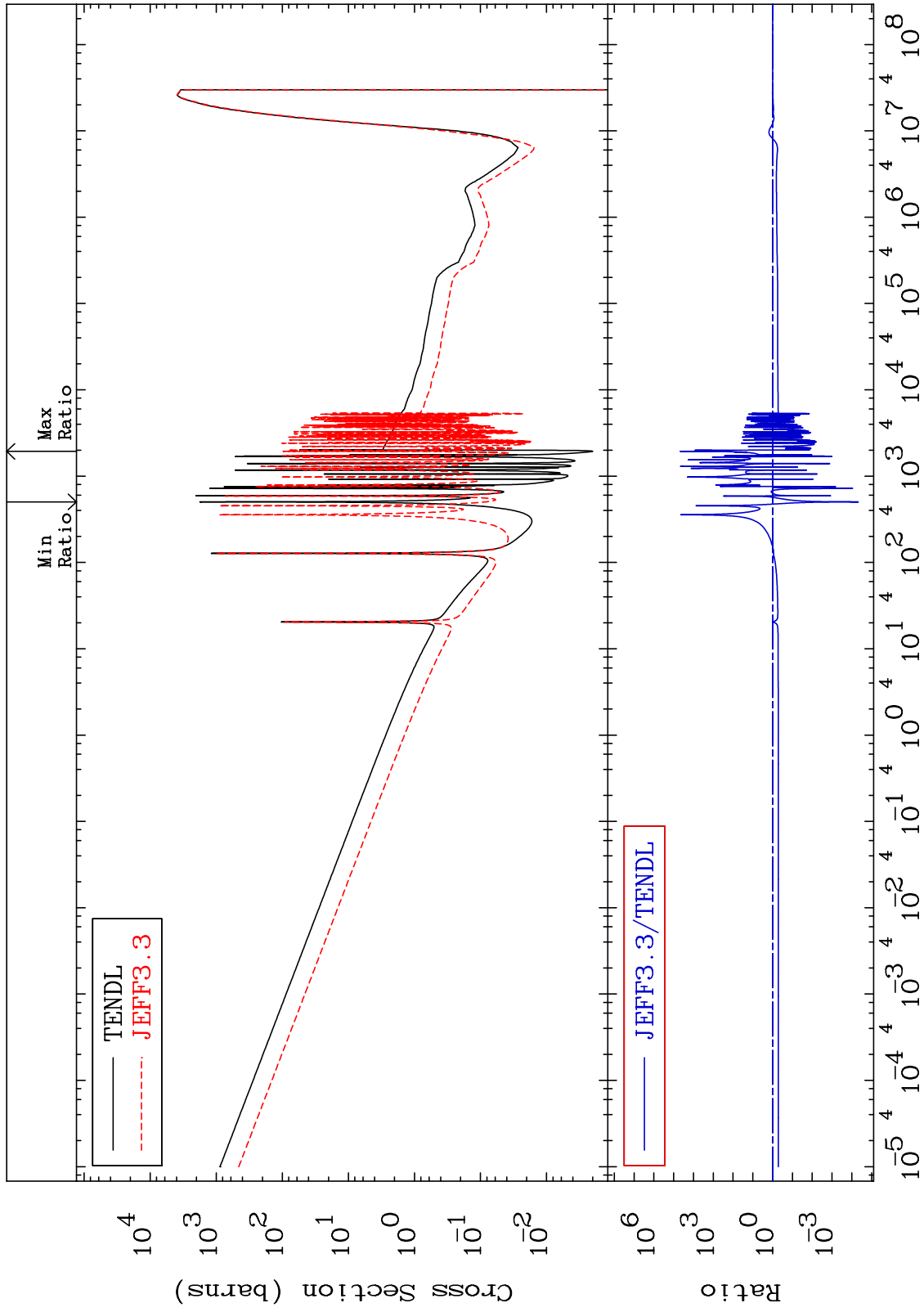
Incident Energy (eV)

76-0s-192

MAT 7649

Dpa disappearance (mt102 -120)  
Cross Section

76-0s-192  
-100.0 To 9999. %



71

Incident Energy (eV)

76-0s-192

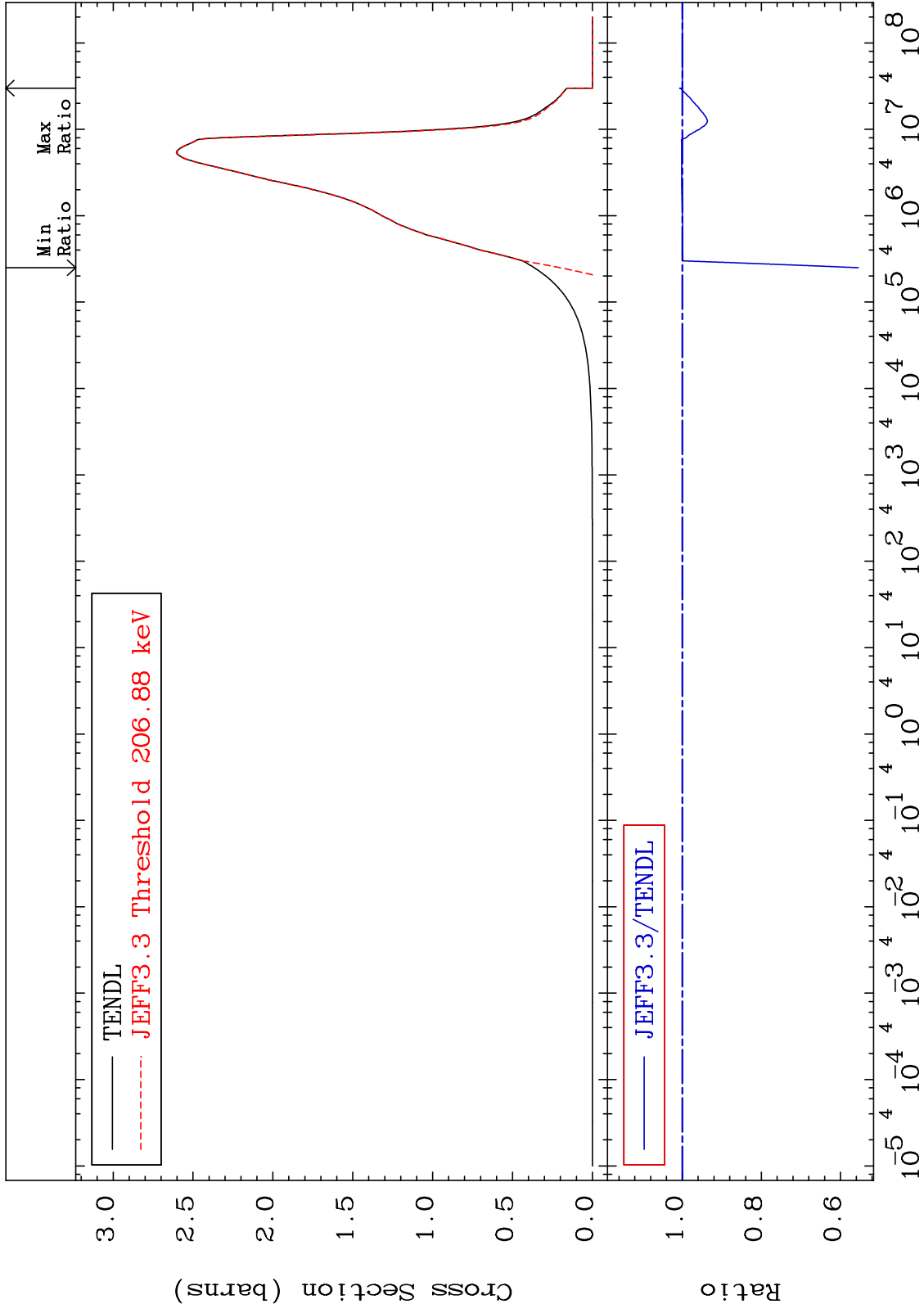


MAT 7649

Inelastic: 76-0s-192g  
Radionuclide Production Cross Section

76-0s-192

-44.52 To 0.623 %



72

Incident Energy (eV)

76-0s-192

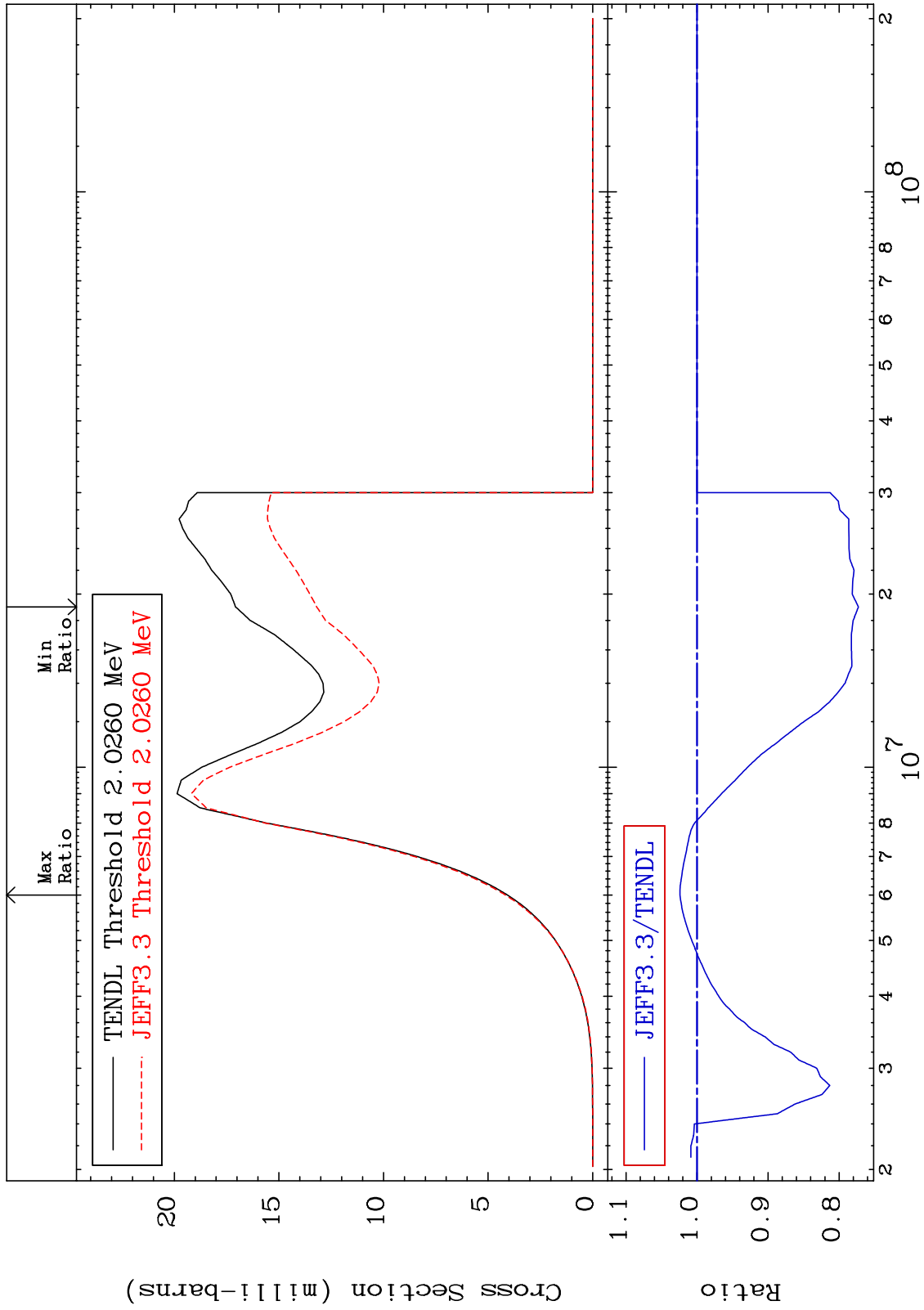
MAT 7649

Inelastic: 76-0s-192m30

76-0s-192

Radionuclide Production Cross Section

-22.72 To 2.399 %



73

Incident Energy (eV)

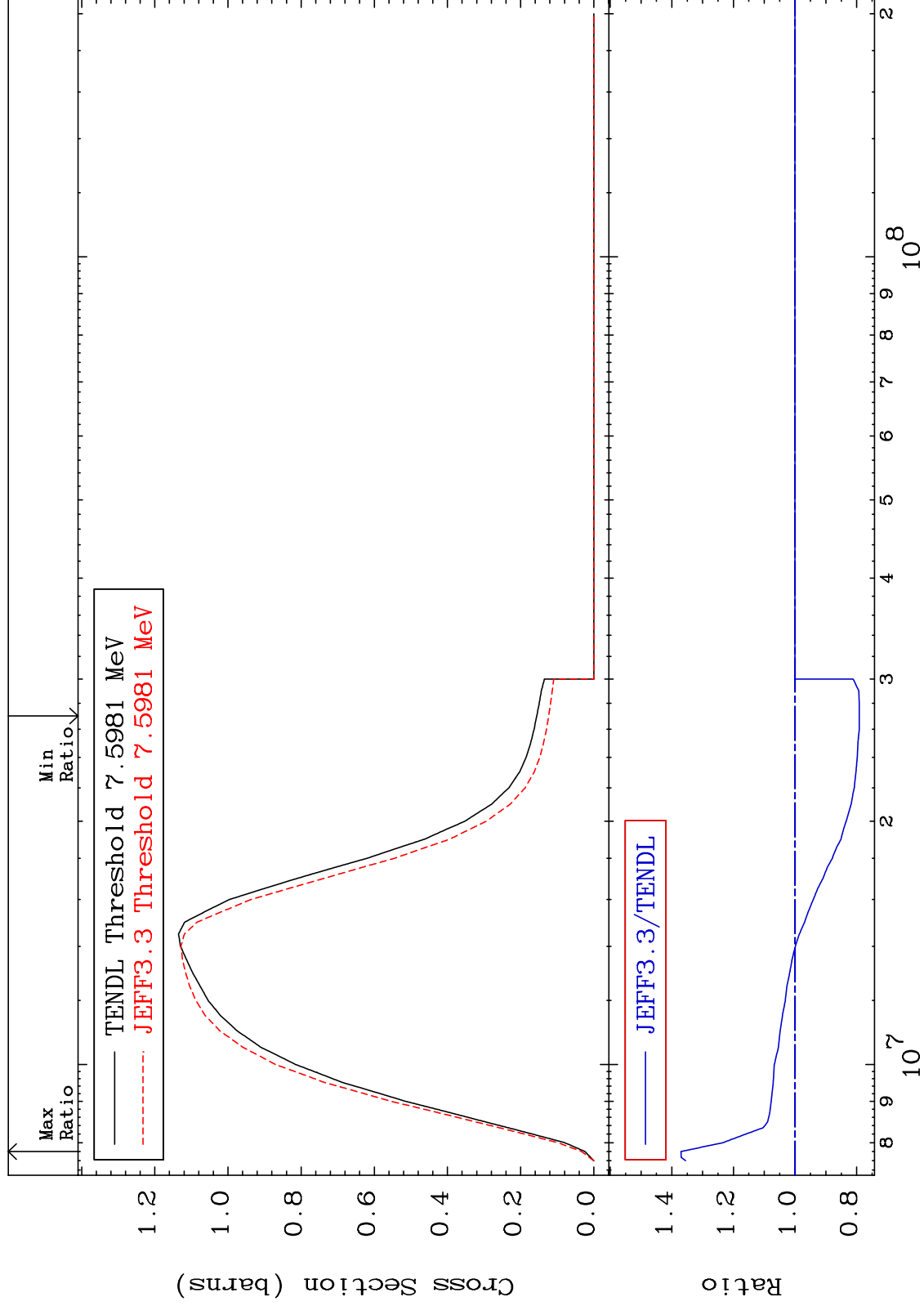
76-0s-192

MAT 7649

(n,2n):76-0s-191g

76-0s-192

Radionuclide Production Cross Section -20.85 To 37.00 %



74

Incident Energy (eV)

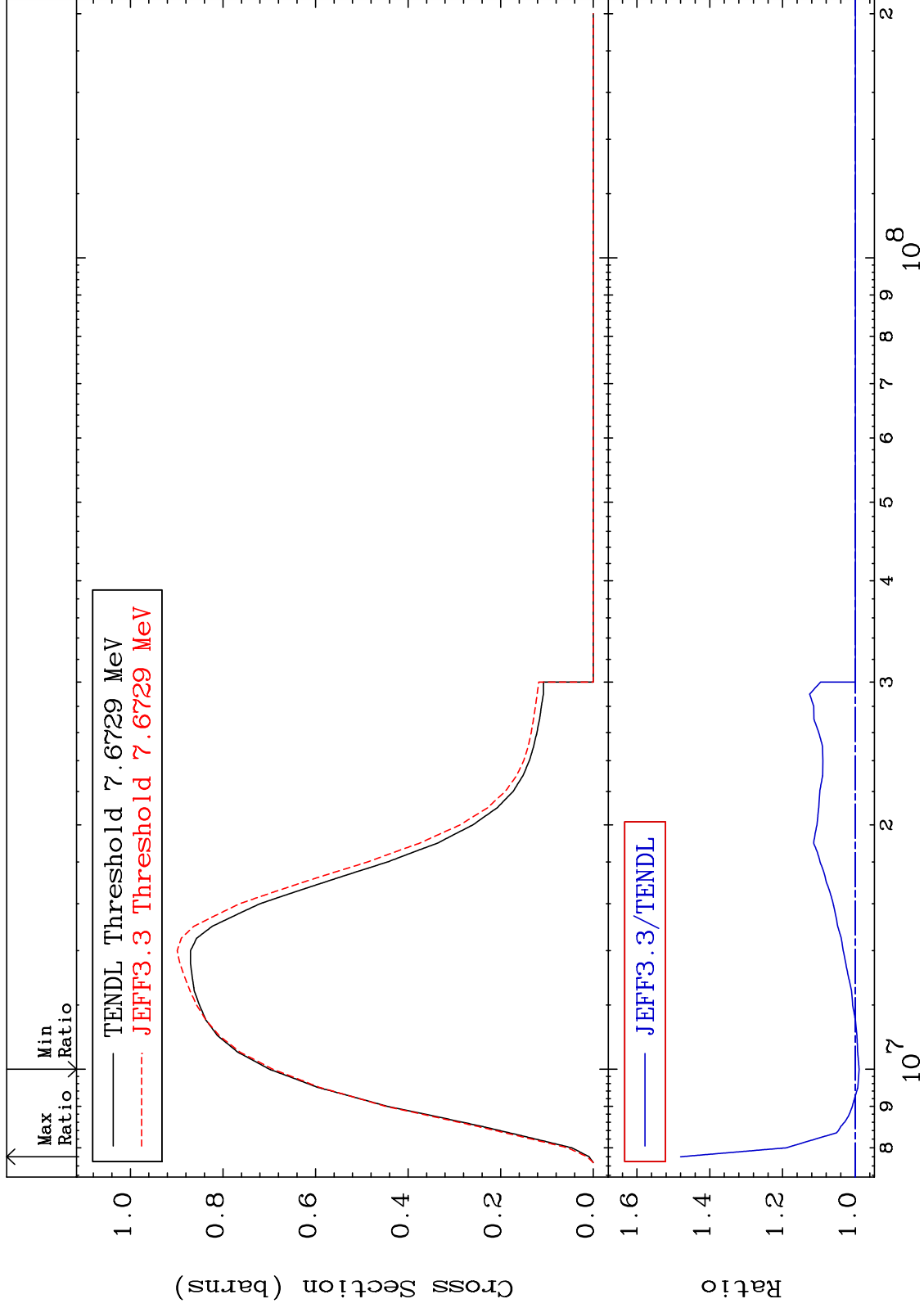
76-0s-192

MAT 7649

(n,2n): 76-0s-191m1

76-0s-192

Radionuclide Production Cross Section -1.056 To 48.01 %



75

Incident Energy (eV)

76-0s-192

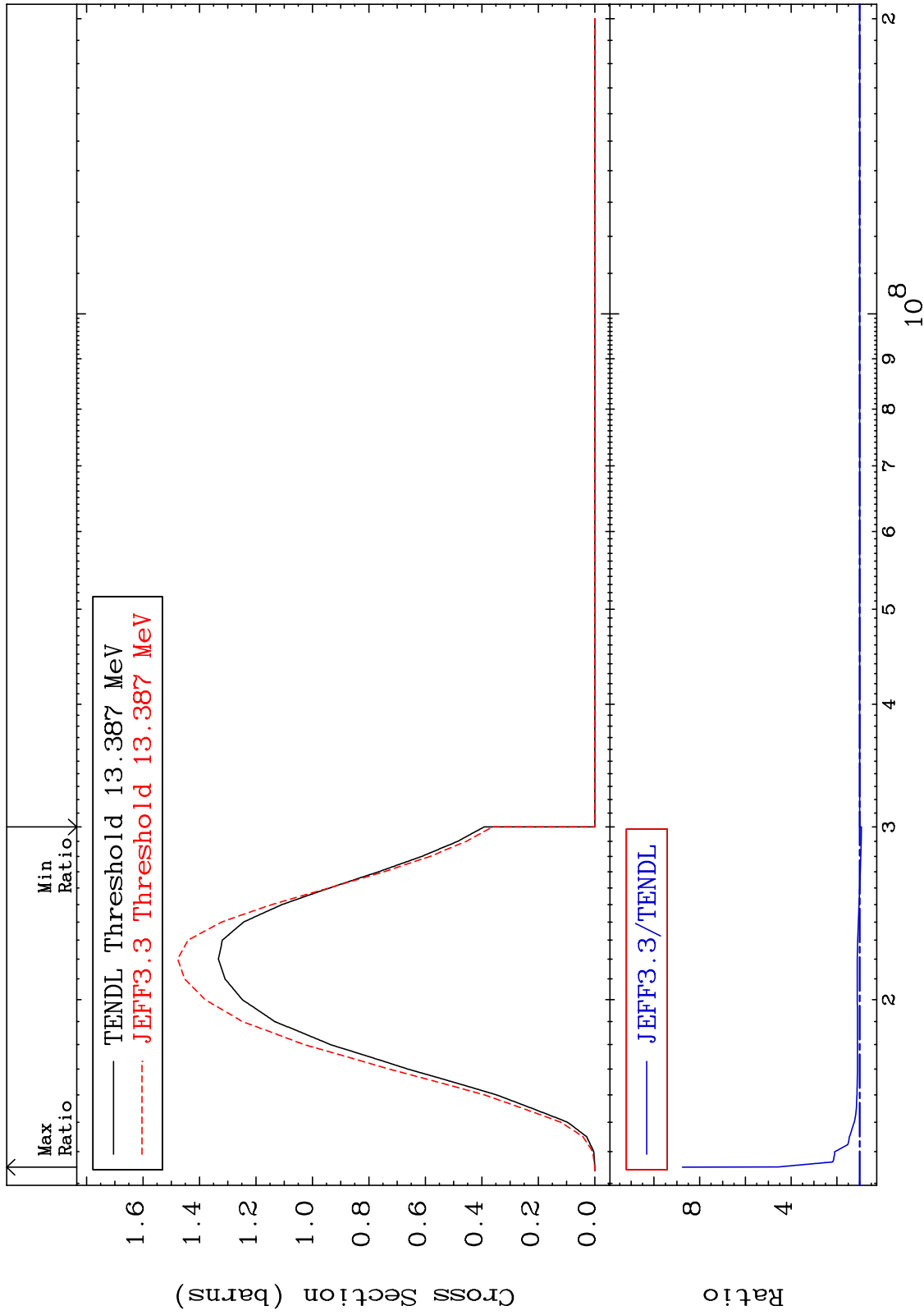
MAT 7649

(n,3n):76-0s-190g

76-0s-192

Radionuclide Production Cross Section

-7.525 To 775.6 %



76

Incident Energy (eV)

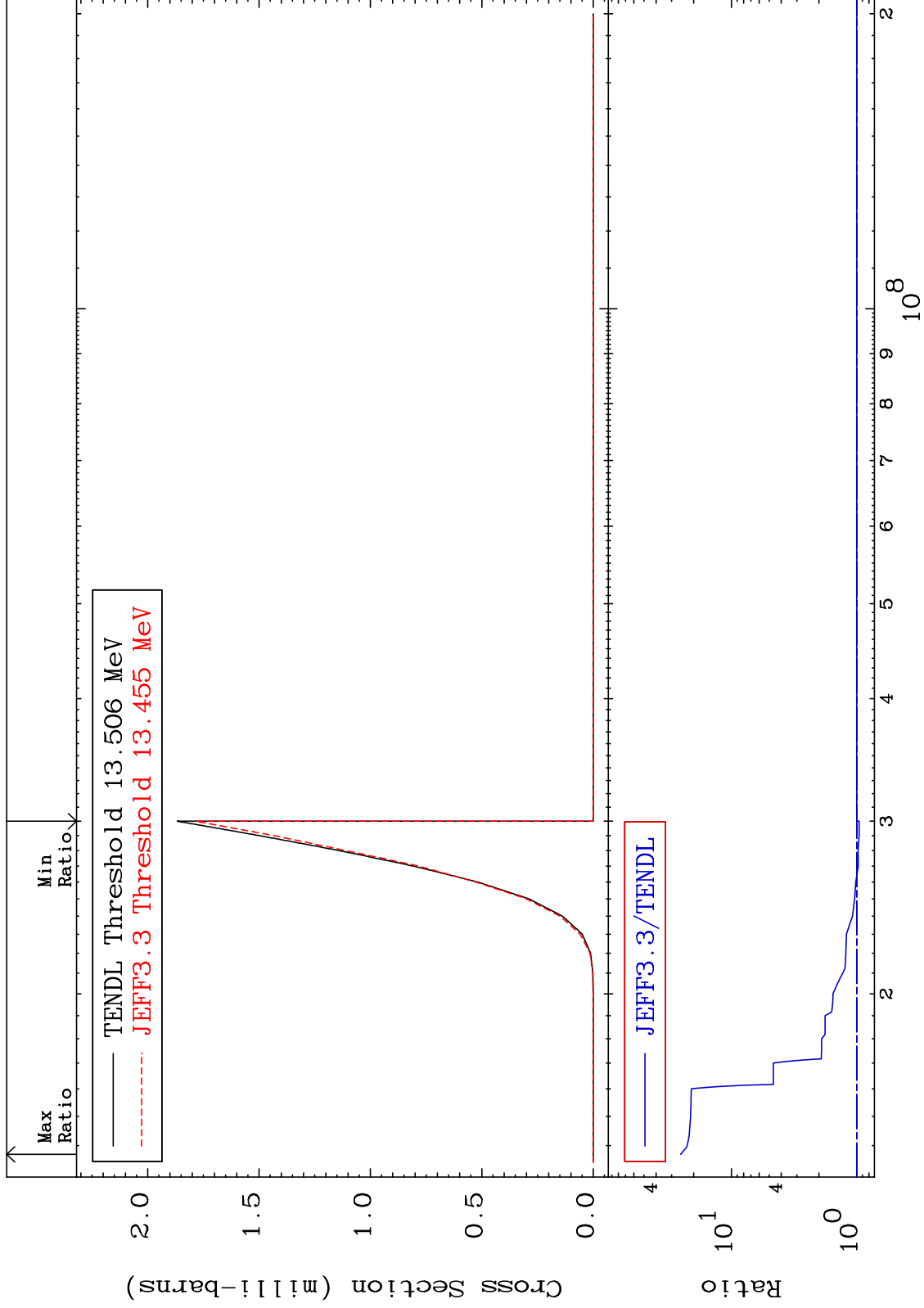
76-0s-192

MAT 7649

(n, n') d:75-Re-190g

76-0s-192

Radionuclide Production Cross Section -4.425 To 2444. %



77

Incident Energy (eV)

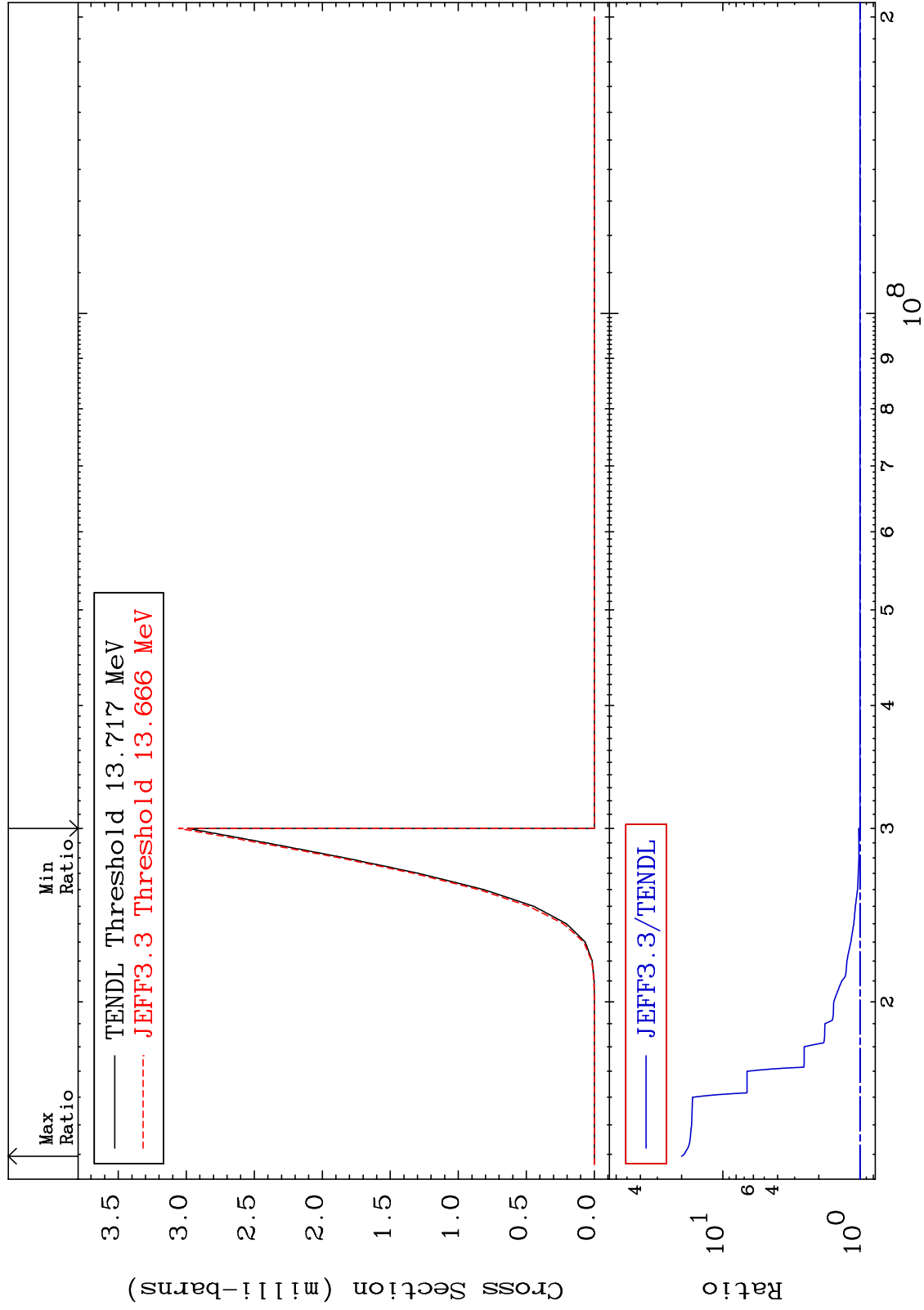
76-0s-192

MAT 7649

(n, n') d:75-Re-190m3

76-0s-192

Radionuclide Production Cross Section 0.000 To 1899. %



78

Incident Energy (eV)

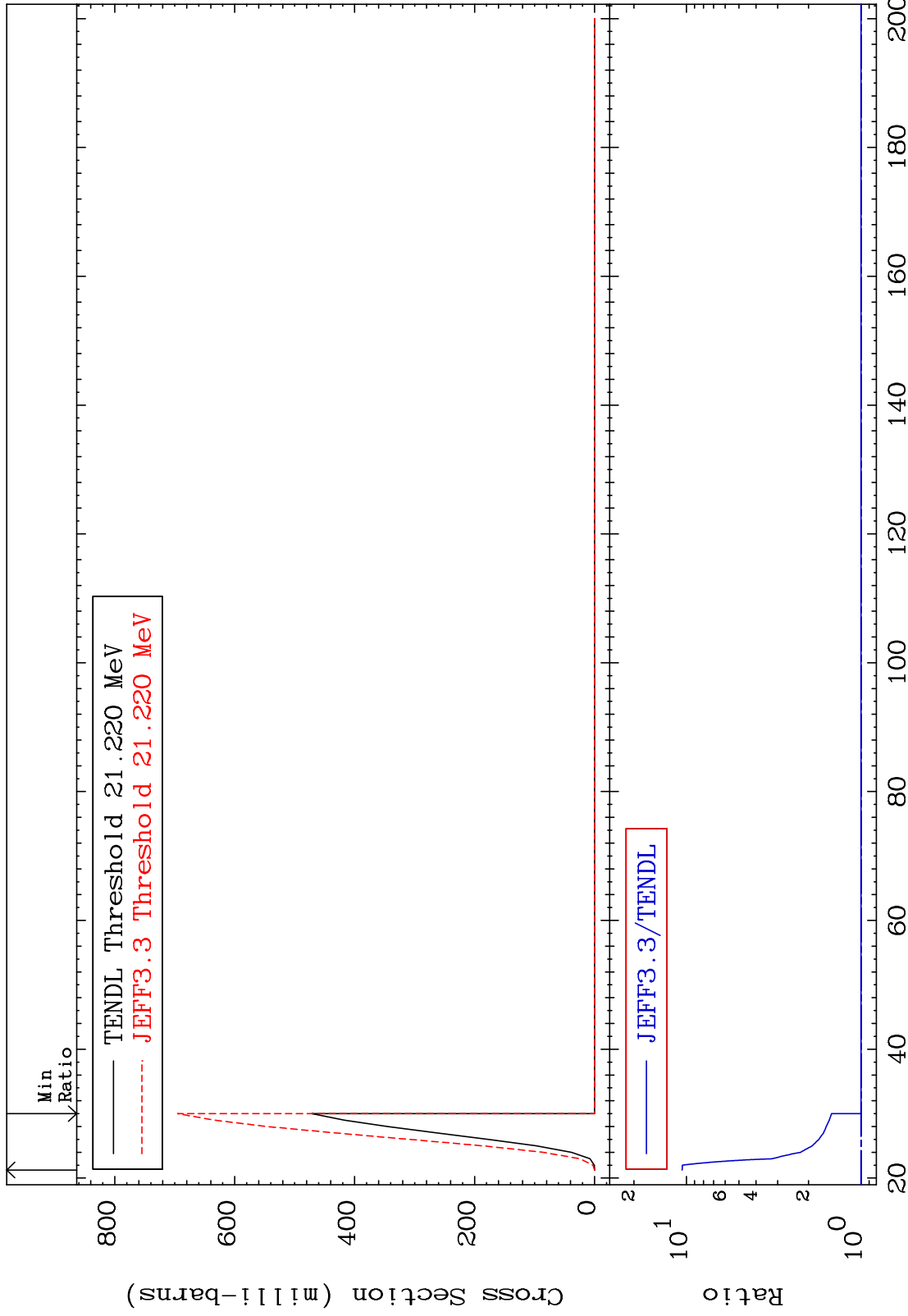
76-0s-192

MAT 7649

(n,4n):76-0s-189g

76-0s-192

Radionuclide Production Cross Section 0.000 To 959.2 %



79

Incident Energy (MeV)

76-0s-192

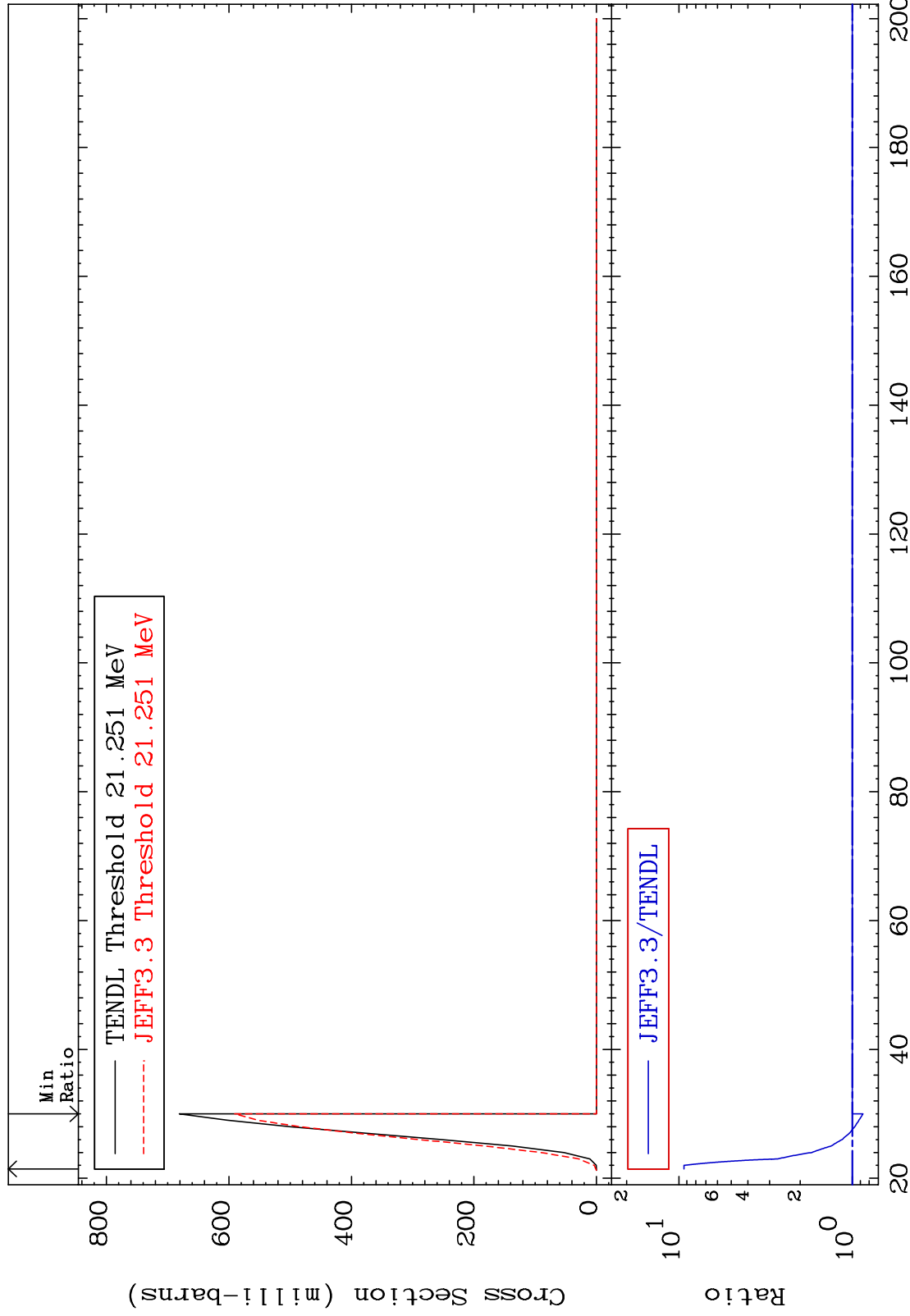


MAT 7649

(n, 4n): 76-Os-189m1

76-Os-192

Radionuclide Production Cross Section -13.25 To 834.5 %



80

Incident Energy (MeV)

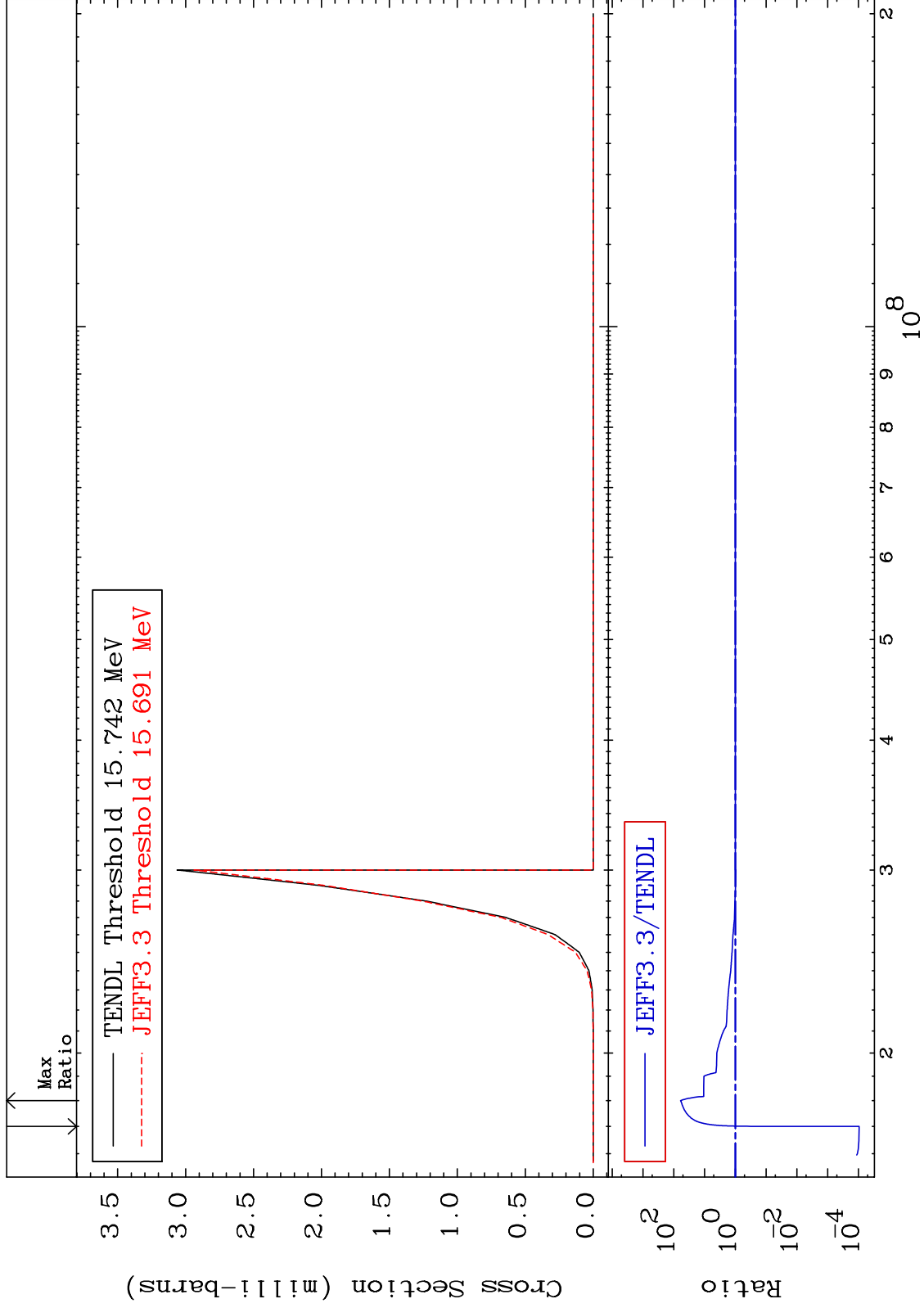
76-Os-192

MAT 7649

(n,2n) p:75-Re-190g

76-0s-192

Radionuclide Production Cross Section -99.99 To 5860. %

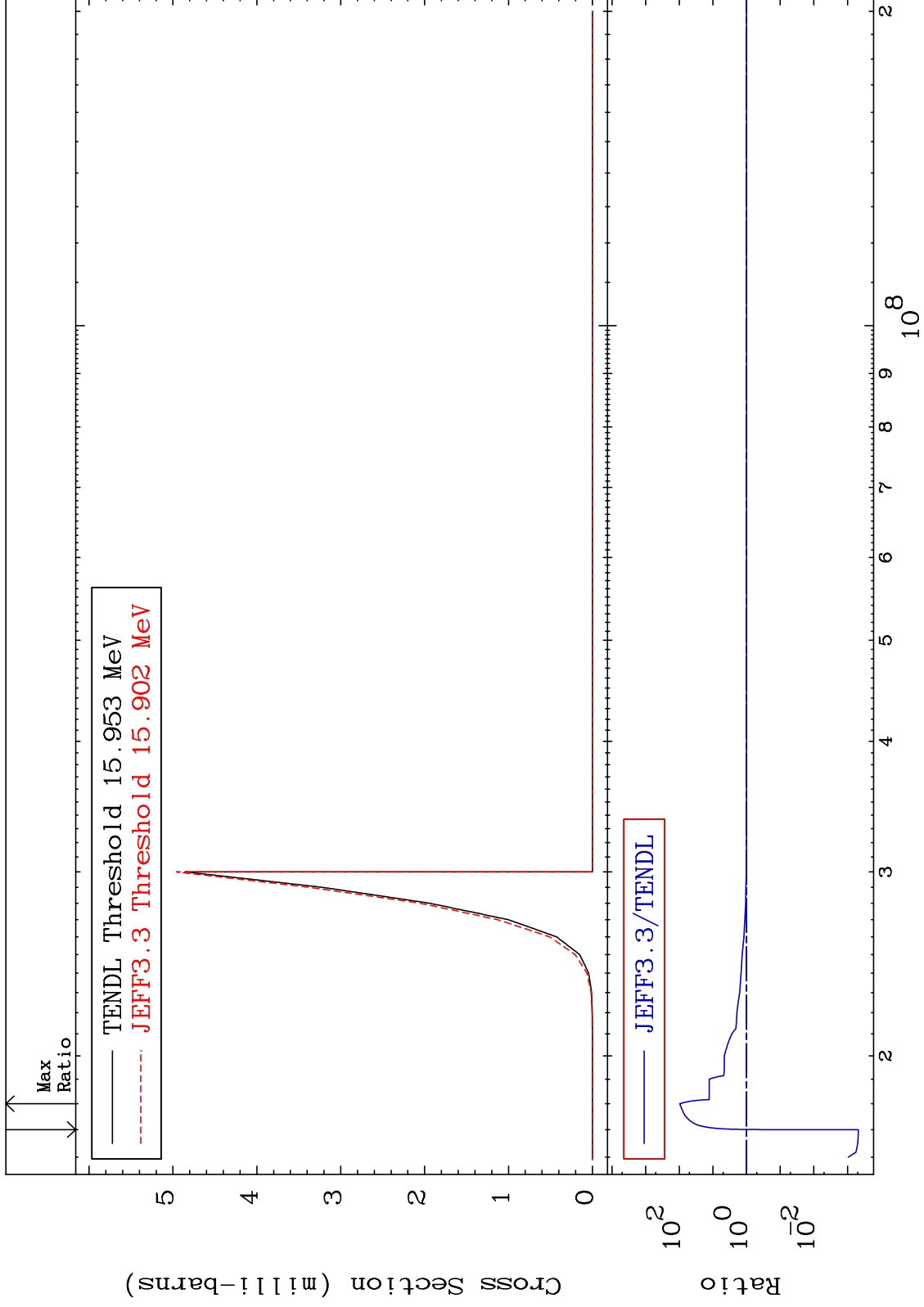


MAT 7649

(n,2n) p:75-Re-190m3

76-0s-192

Radionuclide Production Cross Section -99.95 To 9559. %

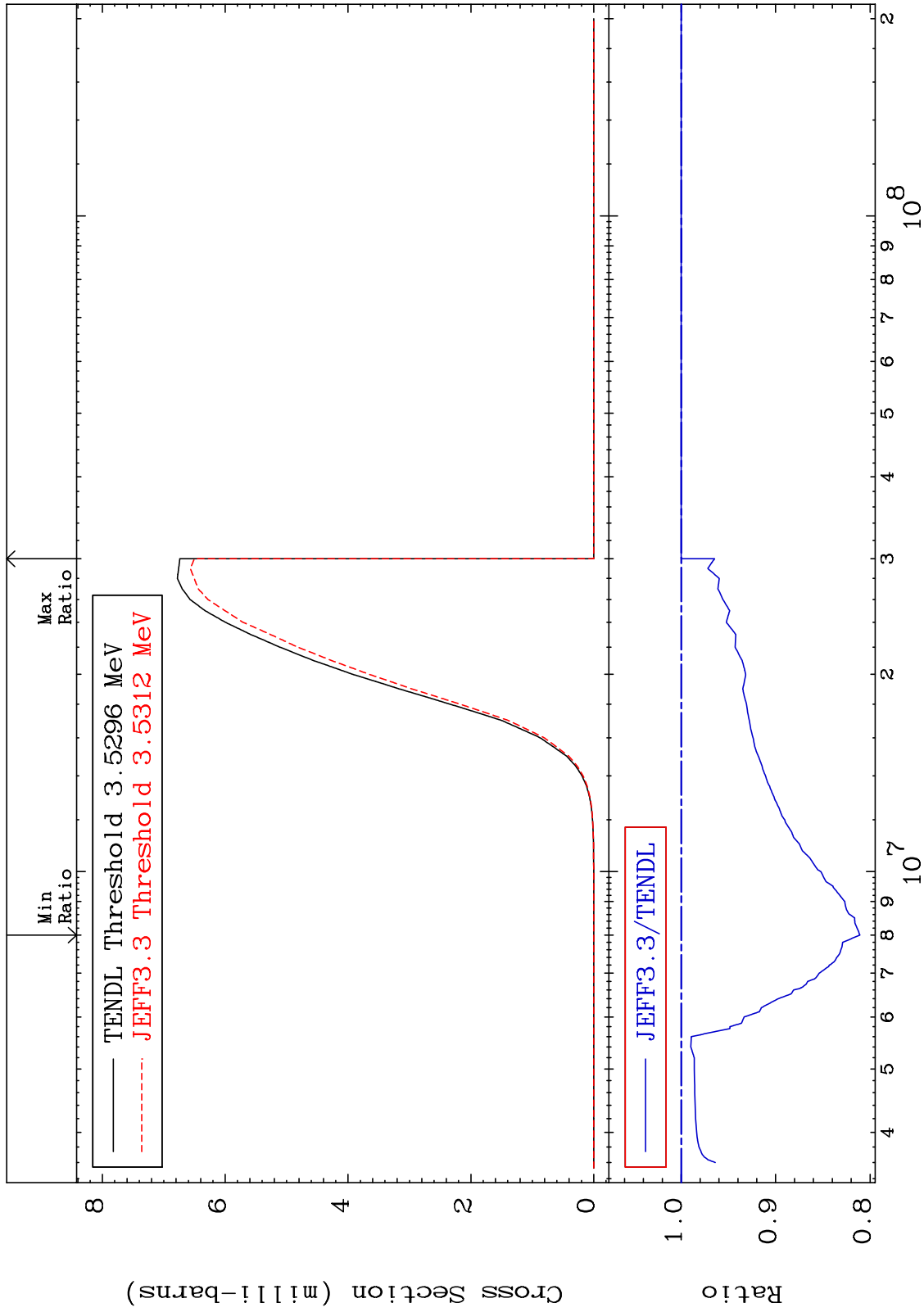


MAT 7649

(n, p) : 75-Re-192g

76-0s-192

Radionuclide Production Cross Section -18.93 To 0.000 %



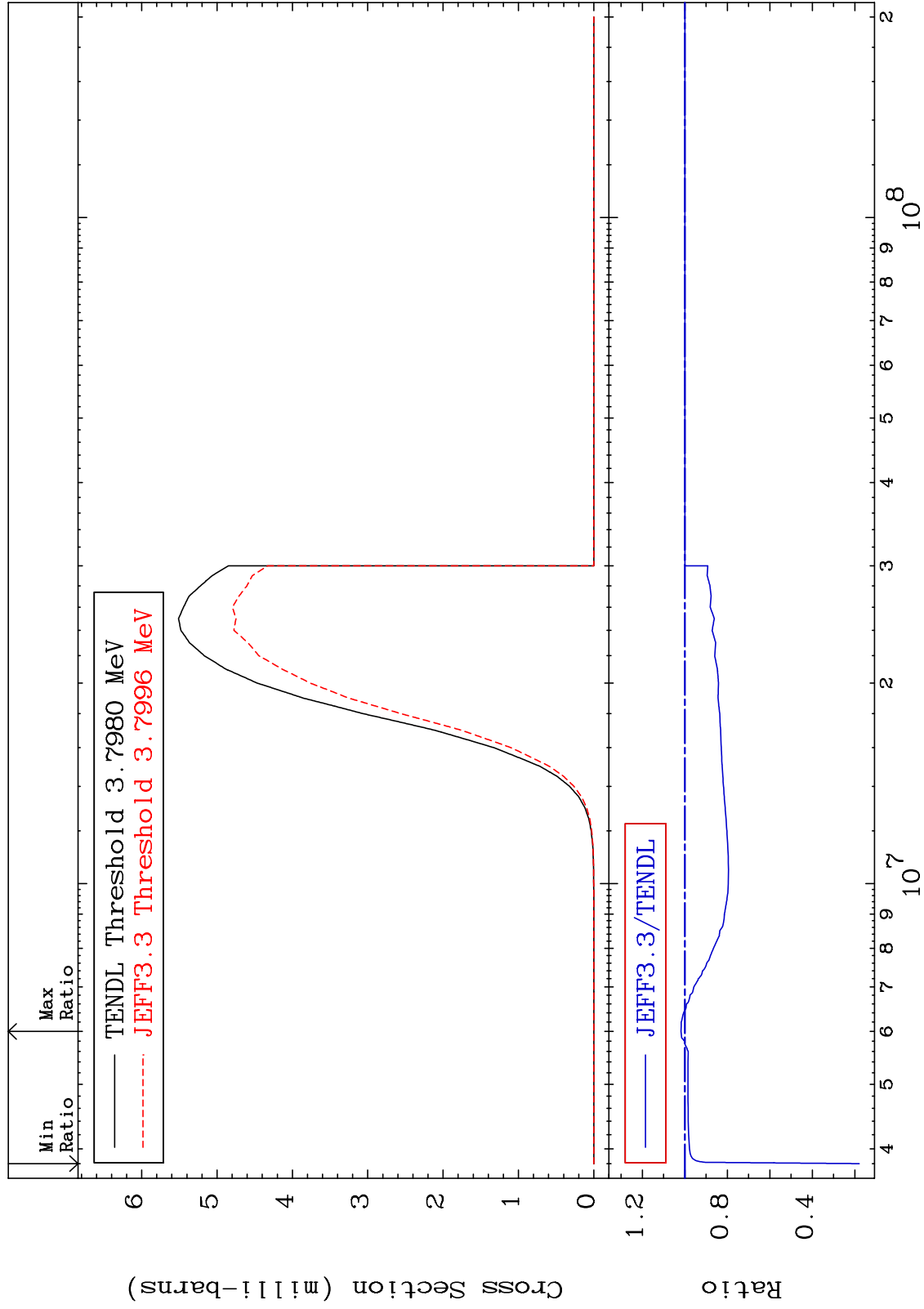
MAT 7649

(n, p) : 75-Re-192m2

76-0s-192

Radionuclide Production Cross Section

-82.08 To 1.812 %



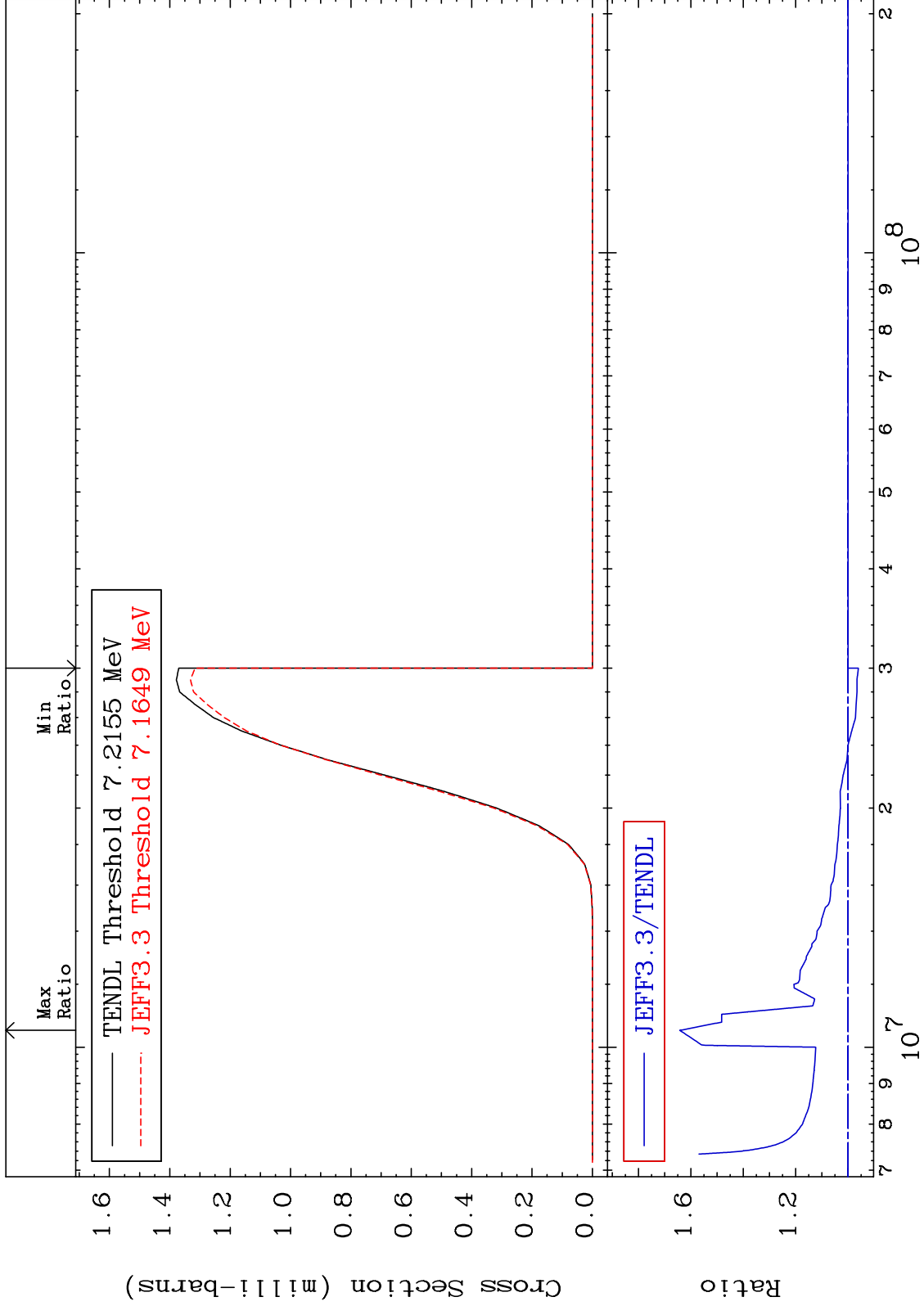
MAT 7649

(n, t): 75-Re-190g

76-0s-192

Radionuclide Production Cross Section

-3.918 To 64.25 %



85

Incident Energy (eV)

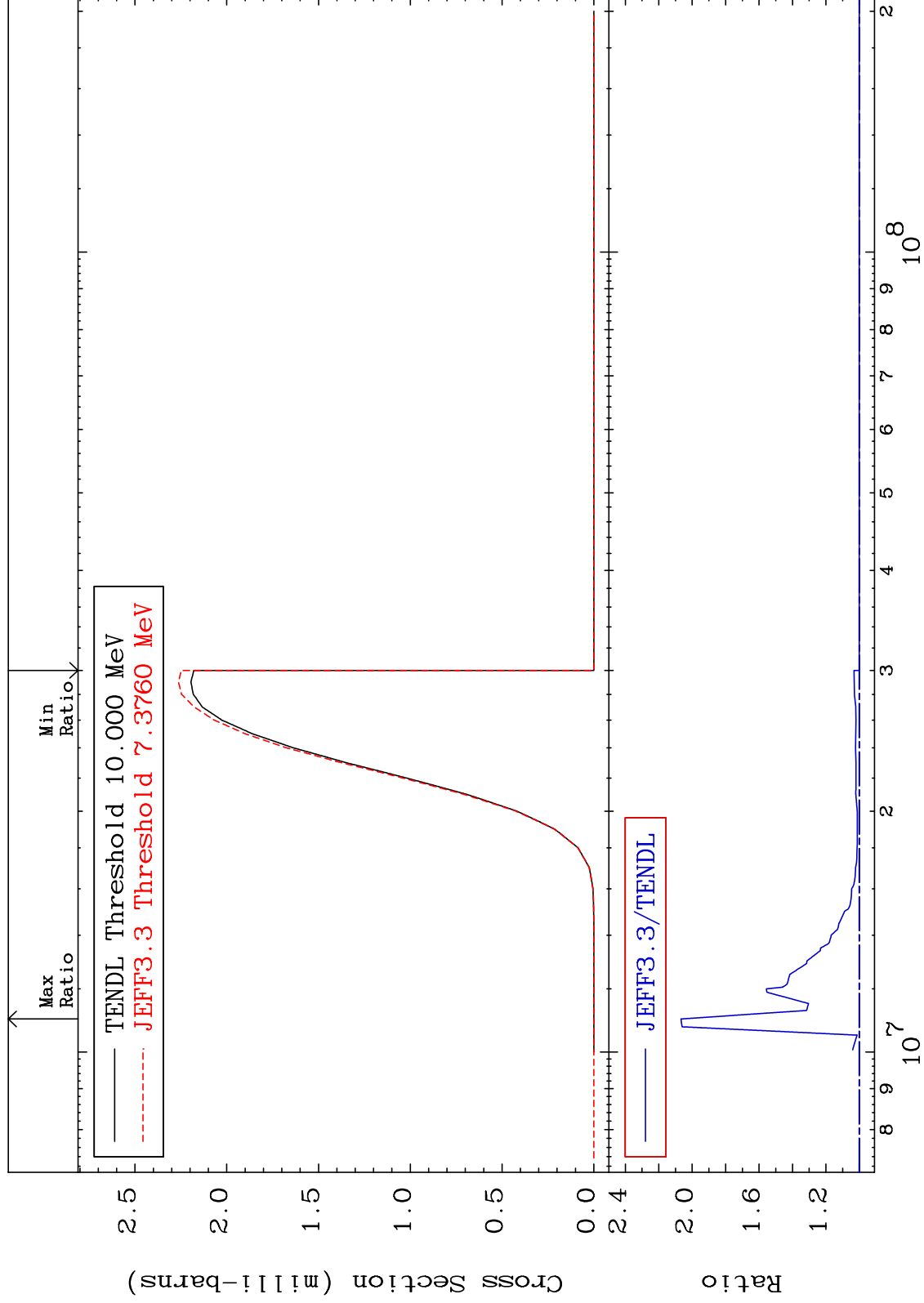
76-0s-192

MAT 7649

(n, t) : 75-Re-190m3

76-0s-192

Radionuclide Production Cross Section 0.000 To 106.7 %



86

Incident Energy (eV)

76-0s-192