

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

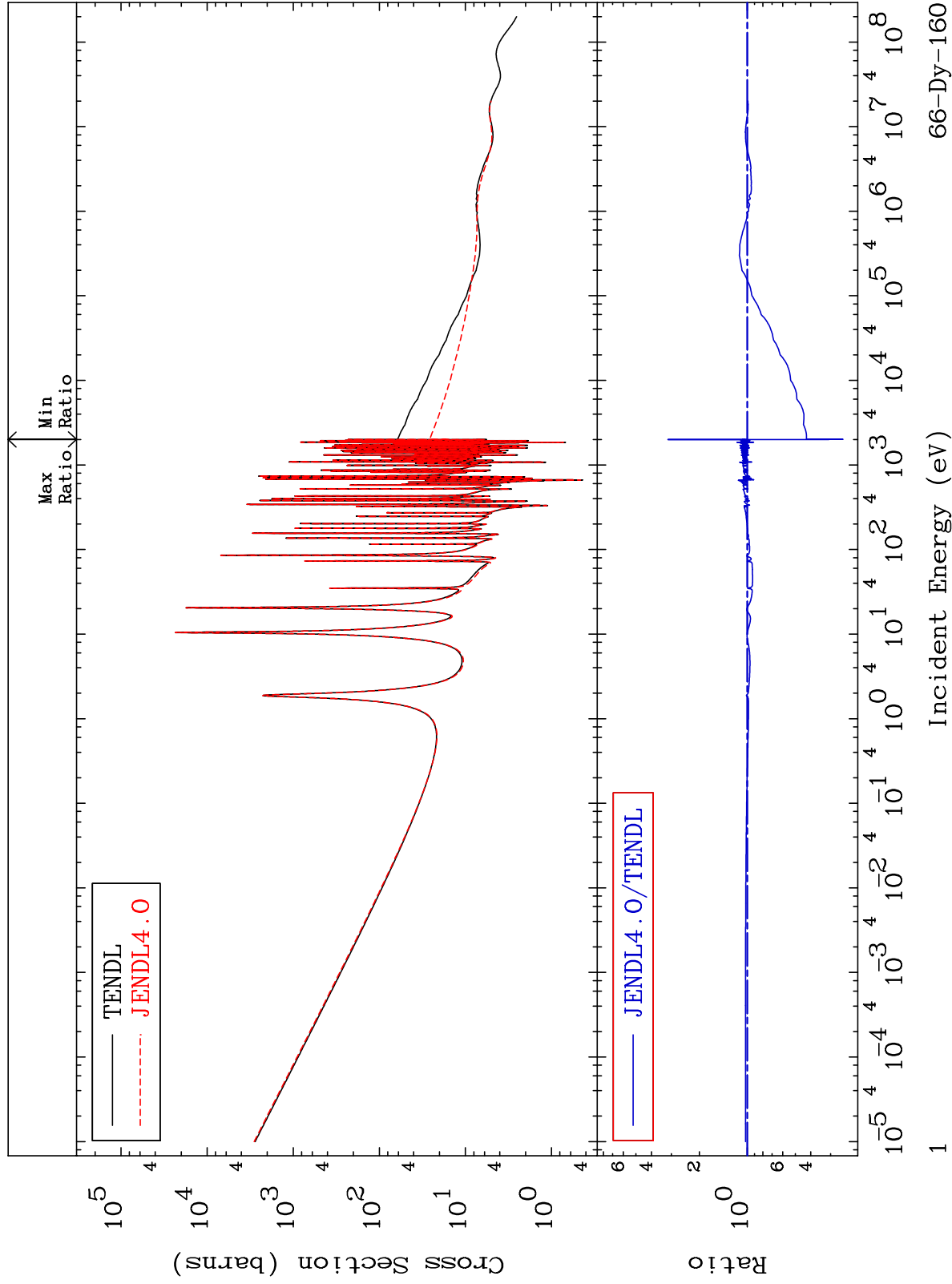
MAT 6637

Total

66-Dy-160

Cross Section

-74.85 To 214.6 %



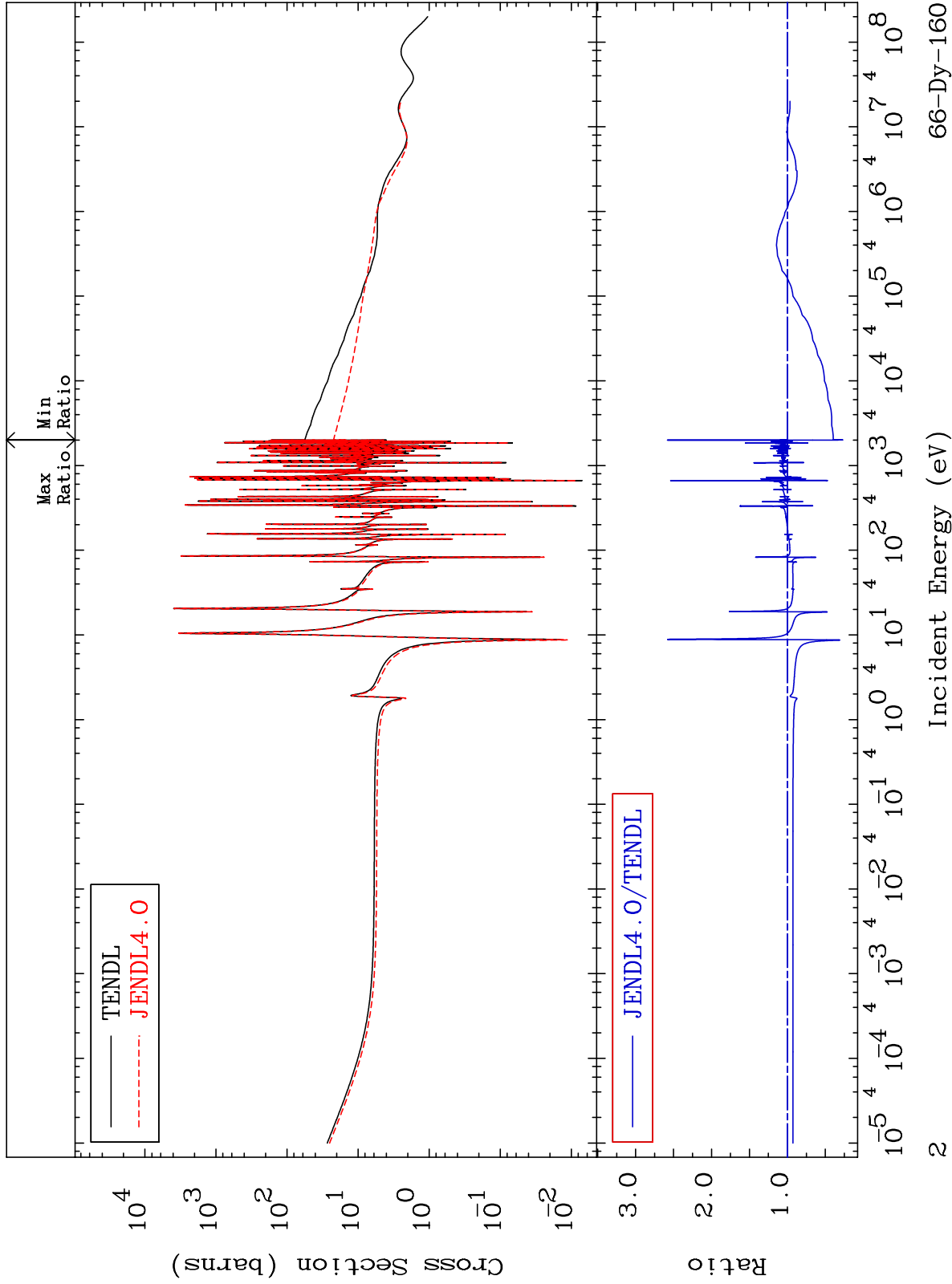
MAT 6637

Elastic

66-Dy-160

Cross Section

-72.84 To 157.9 %



66-Dy-160

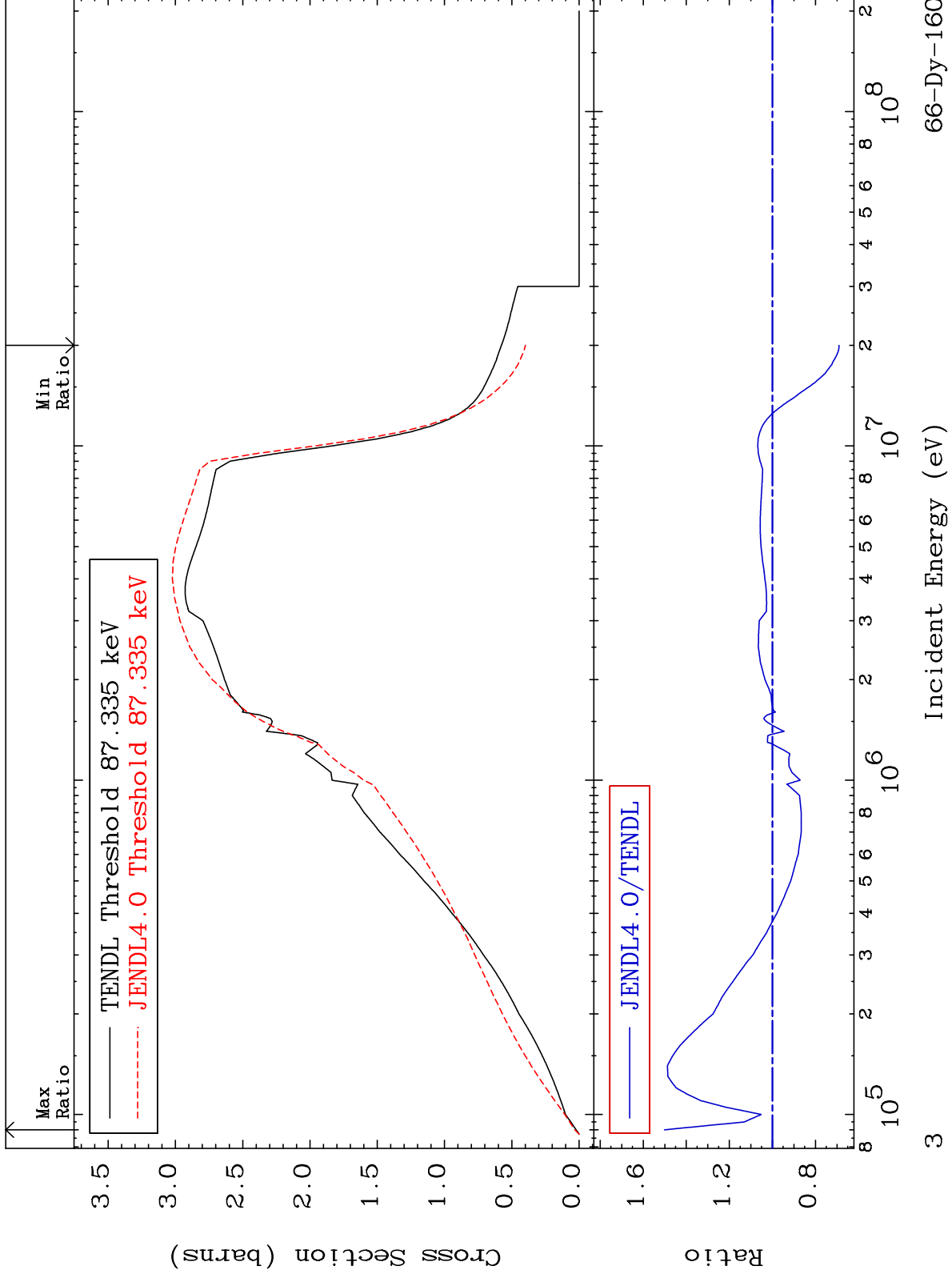
Incident Energy (eV)

2

MAT 6637

Inelastic  
Cross Section

66-Dy-160  
-30.95 To 50.12 %



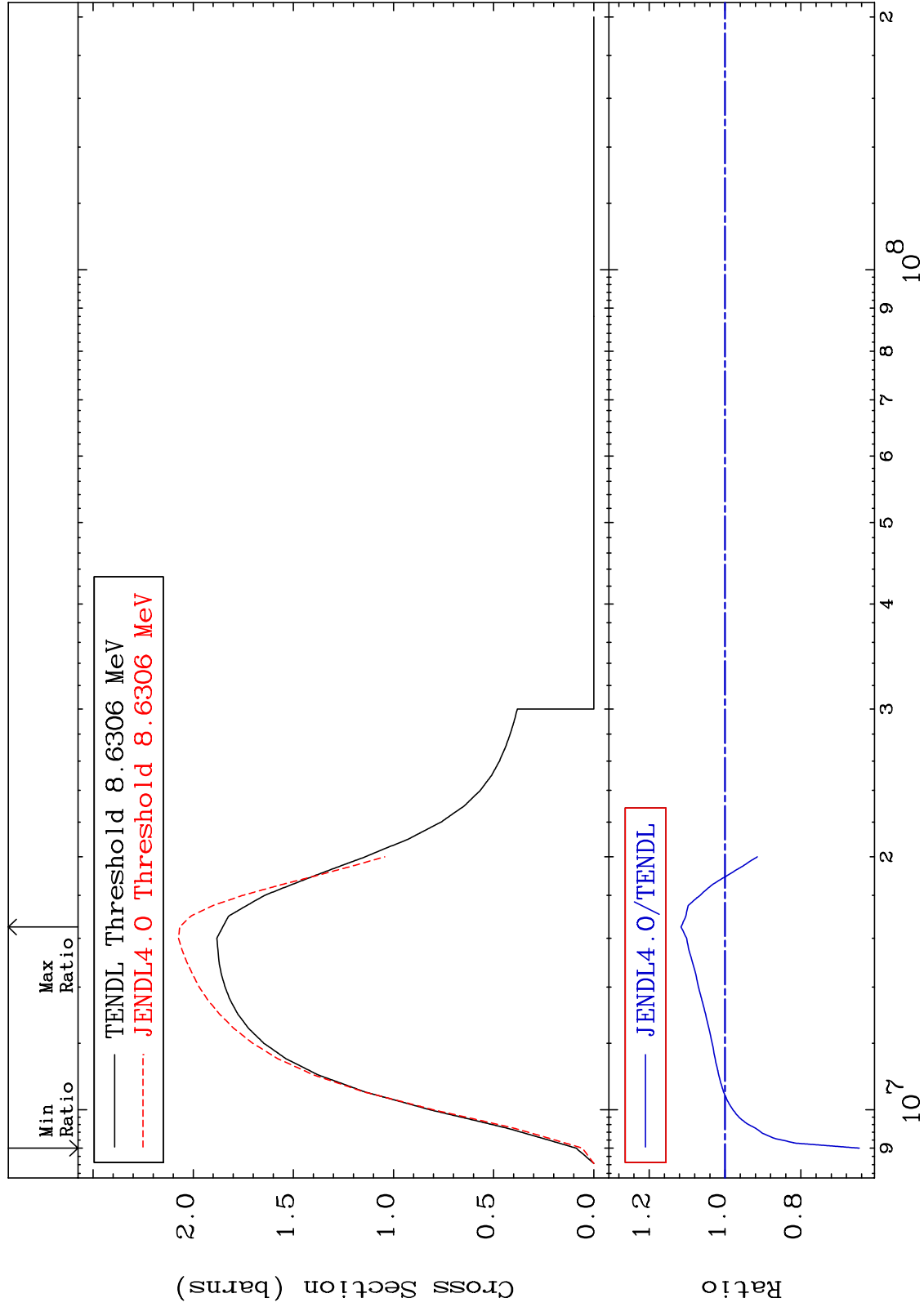
MAT 6637

(n,2n)

66-Dy-160

Cross Section

-35.38 To 11.60 %



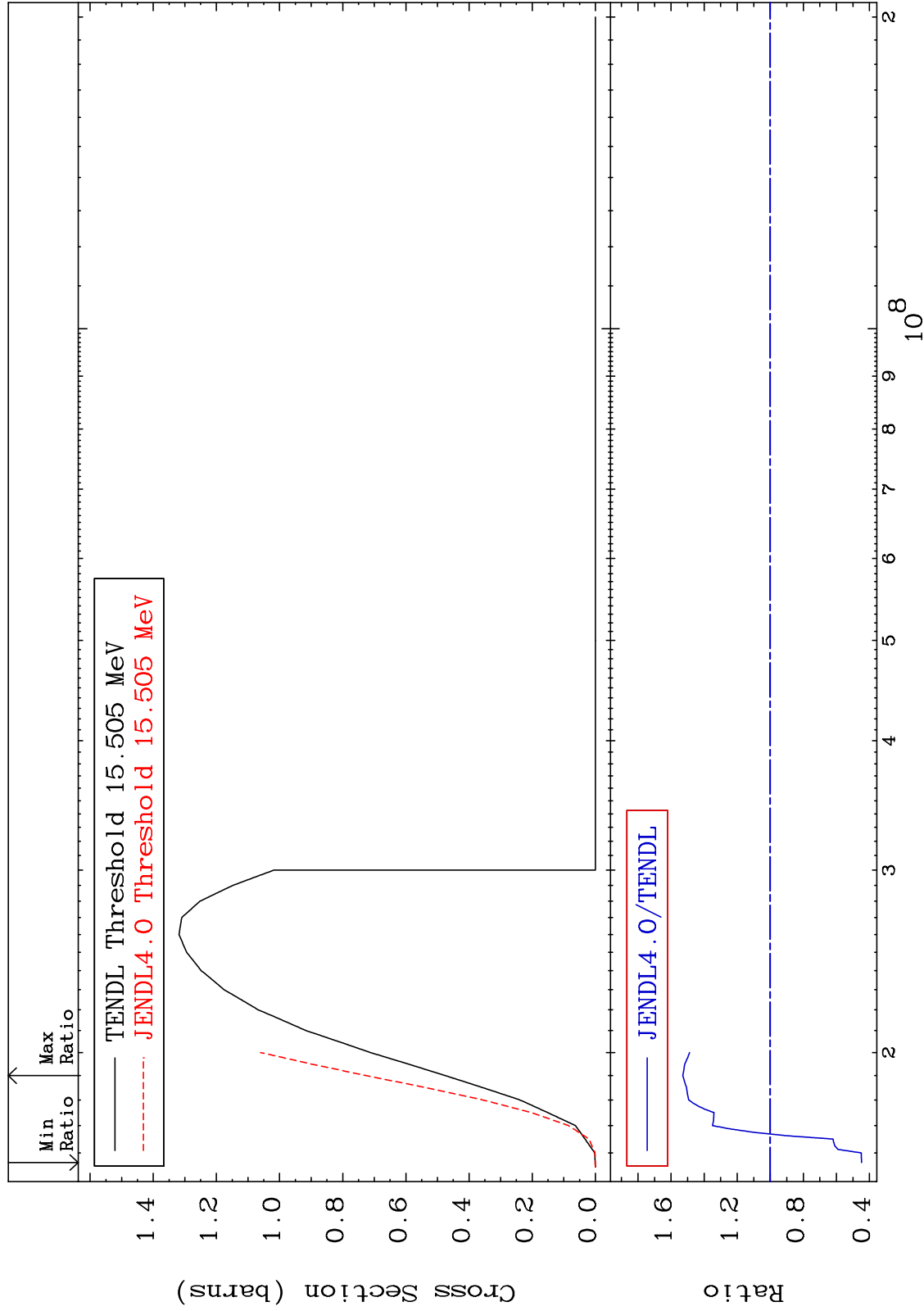
MAT 6637

(n, 3n)

66-Dy-160

Cross Section

-55.23 To 52.87 %



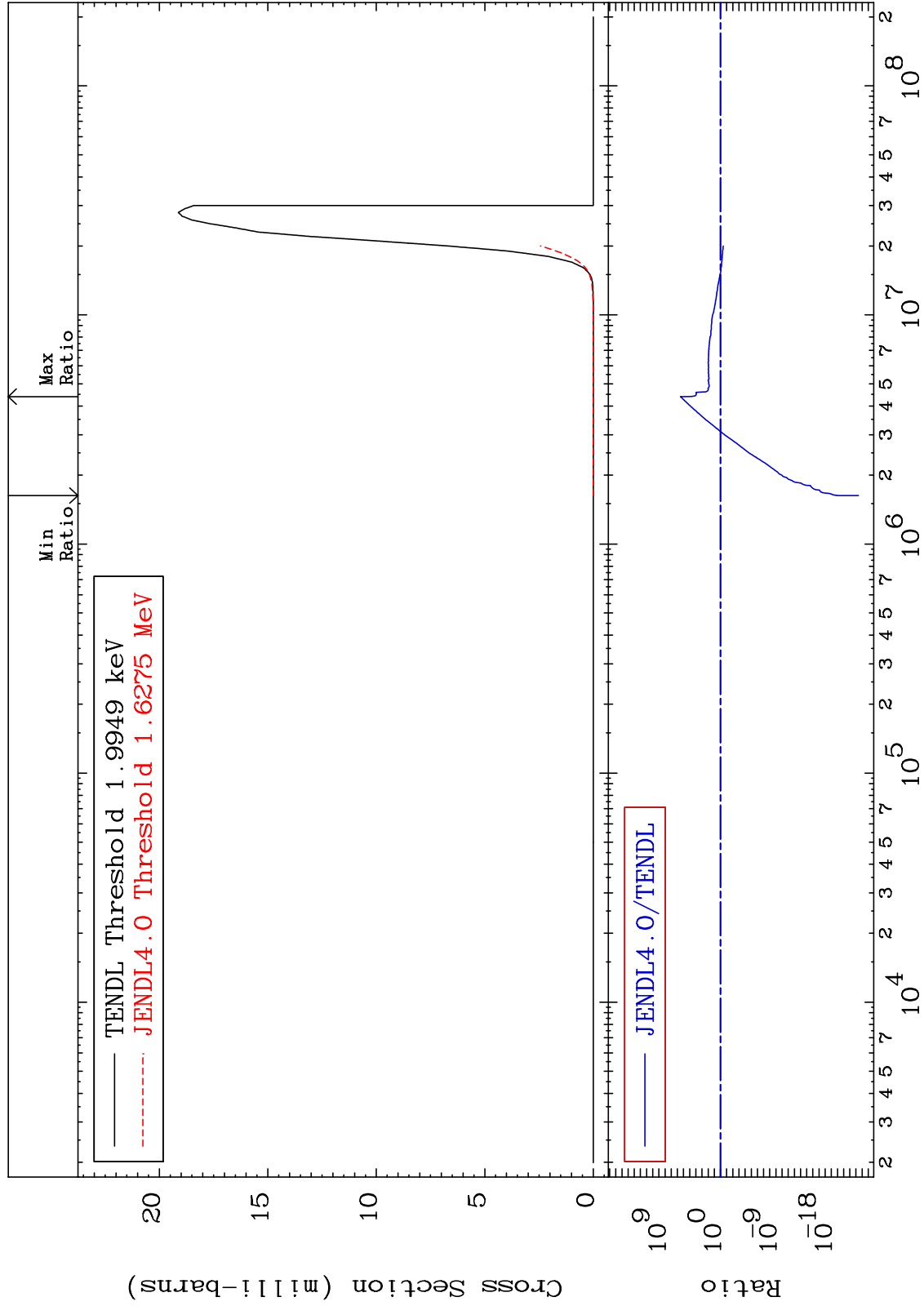
MAT 6637

(n,n')  $\alpha$

66-Dy-160

Cross Section

-100.0 To 9999. %



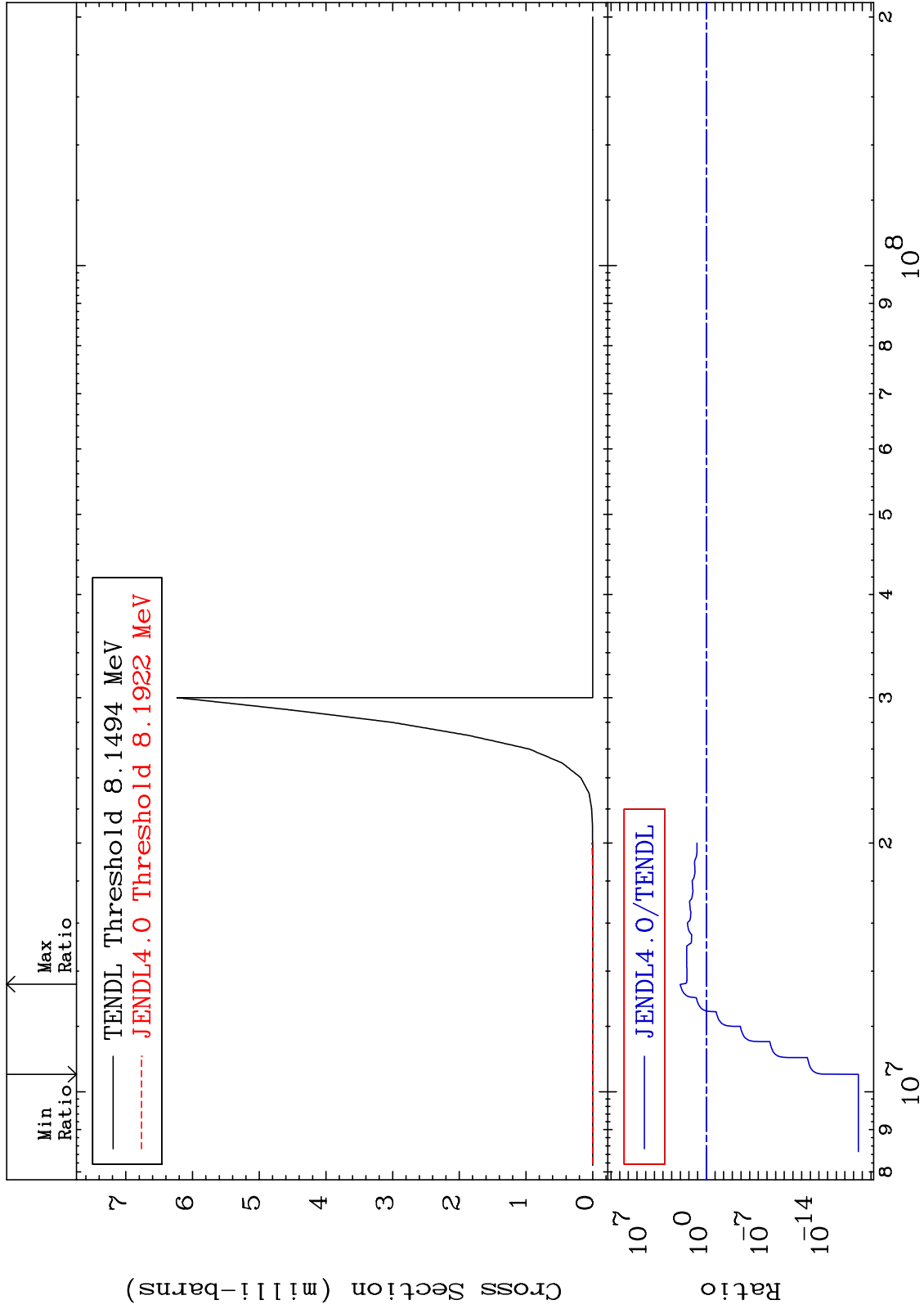
MAT 6637

(n,2n)  $\alpha$

66-Dy-160

Cross Section

-100.0 To 9999. %



66-Dy-160

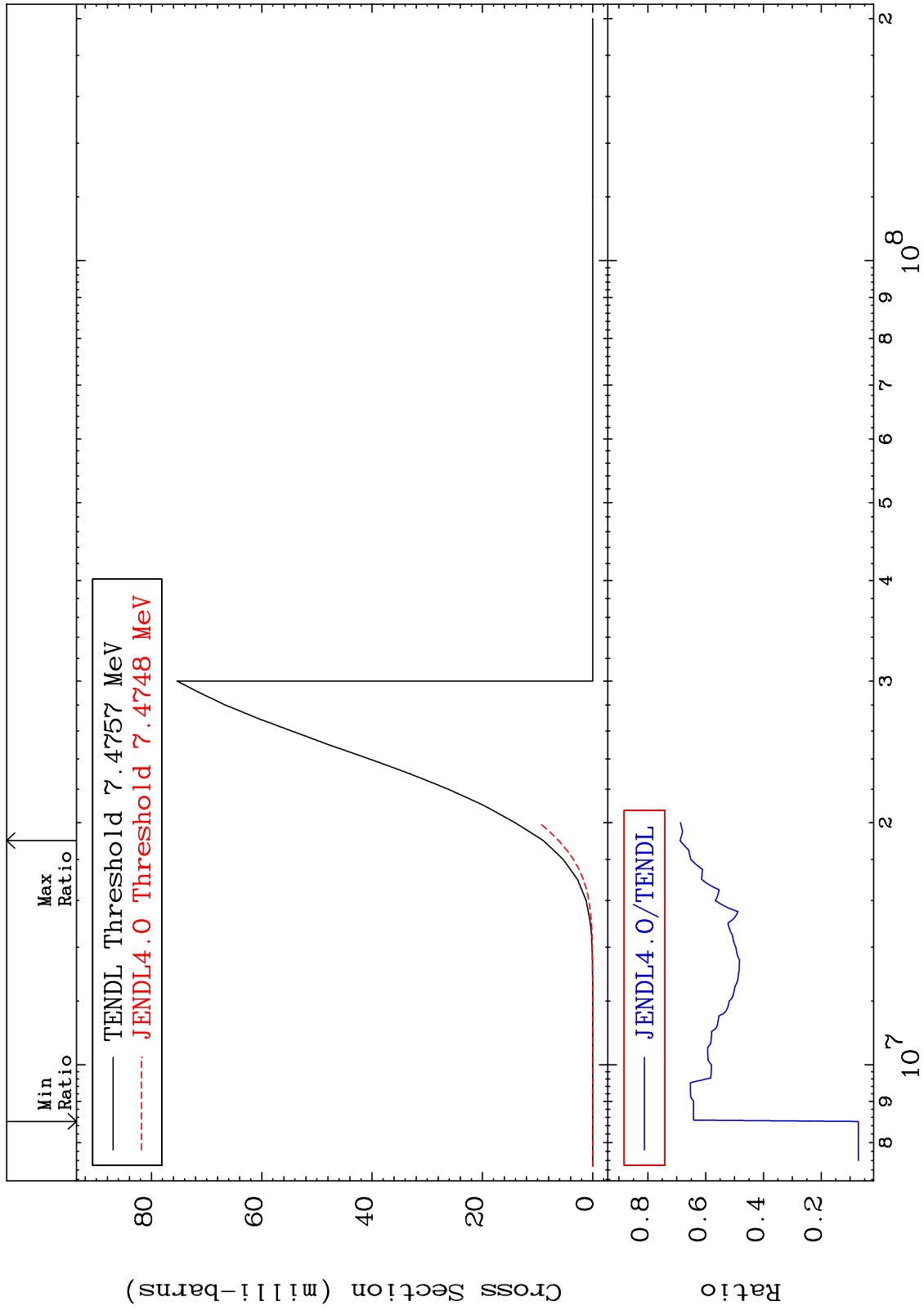
66-Dy-160



MAT 6637

(n,n') p  
Cross Section

66-Dy-160  
-92.86 To -31.13%



8

Incident Energy (eV)

66-Dy-160

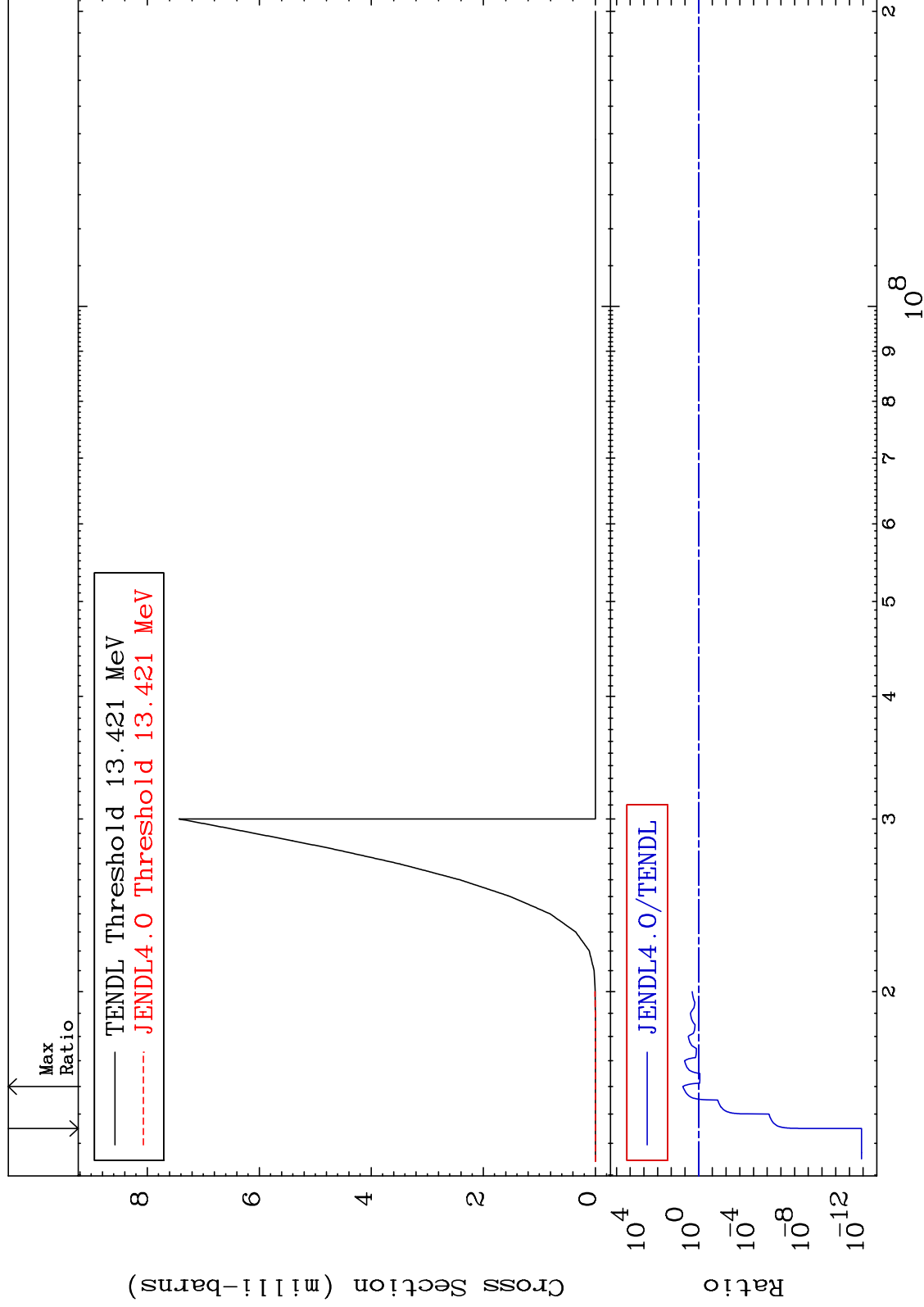
MAT 6637

(n, n') d

66-Dy-160

Cross Section

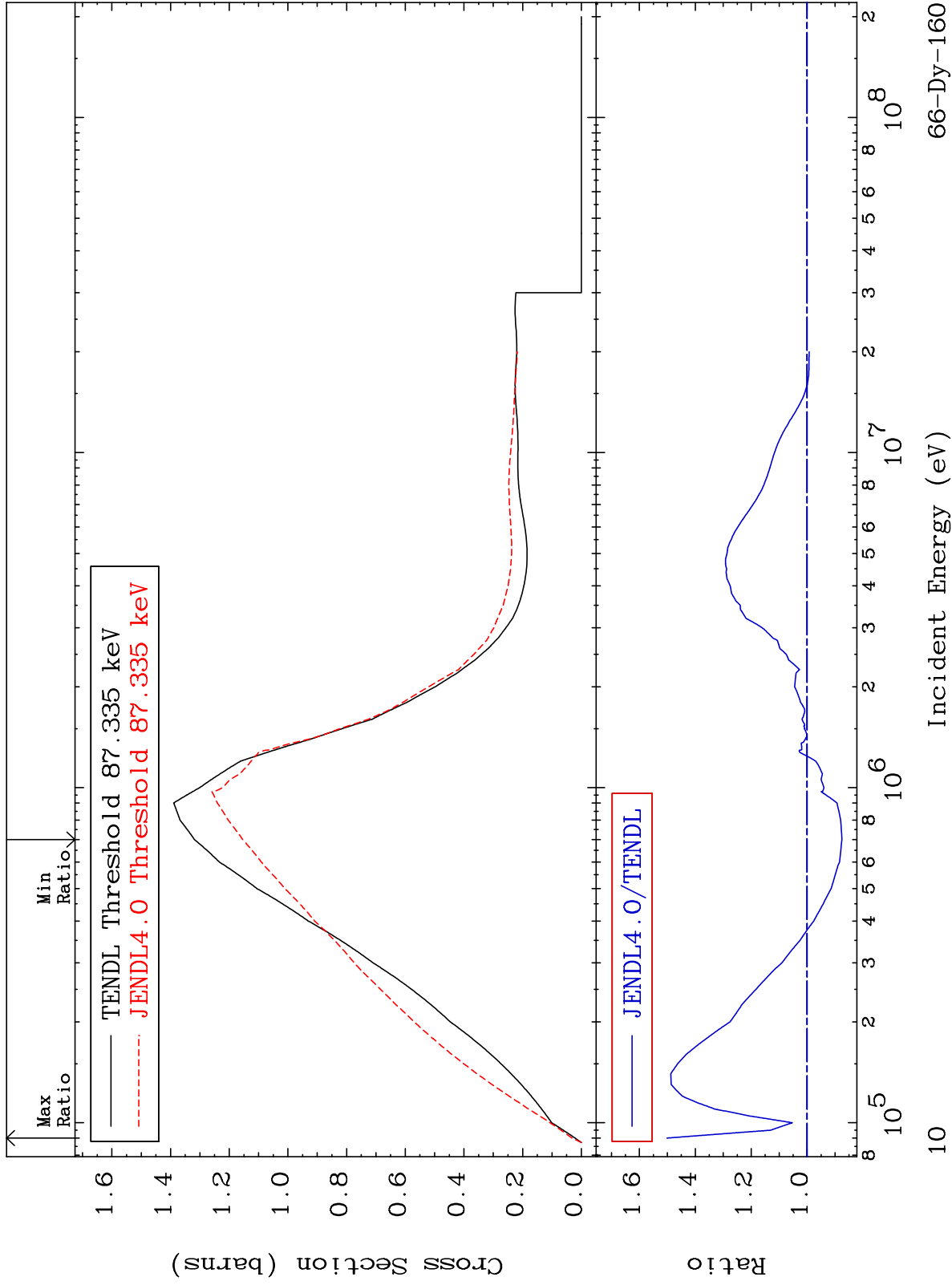
-100.0 To 1331. %



MAT 6637

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

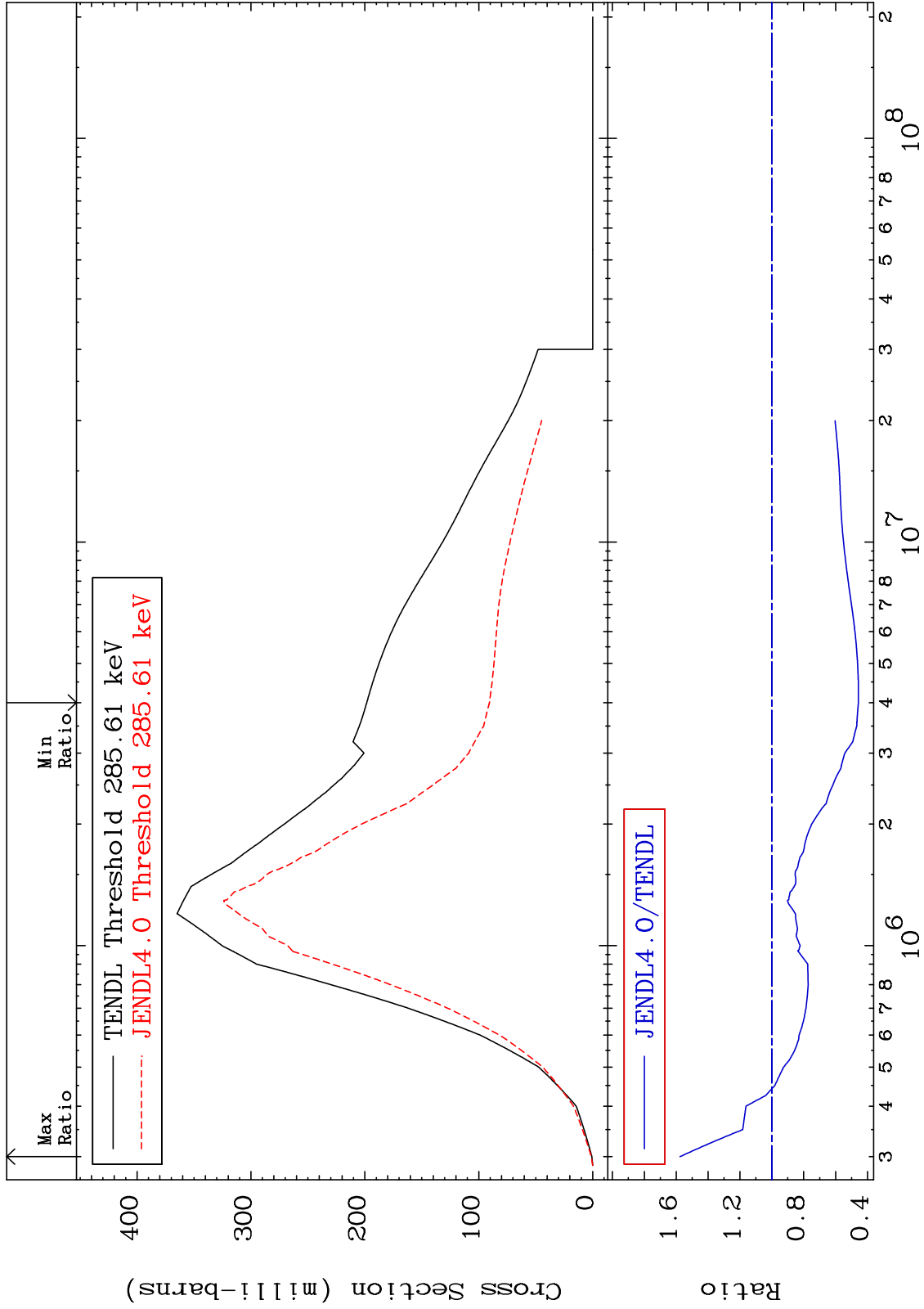
66-Dy-160  
-12.47 To 50.12 %



MAT 6637

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

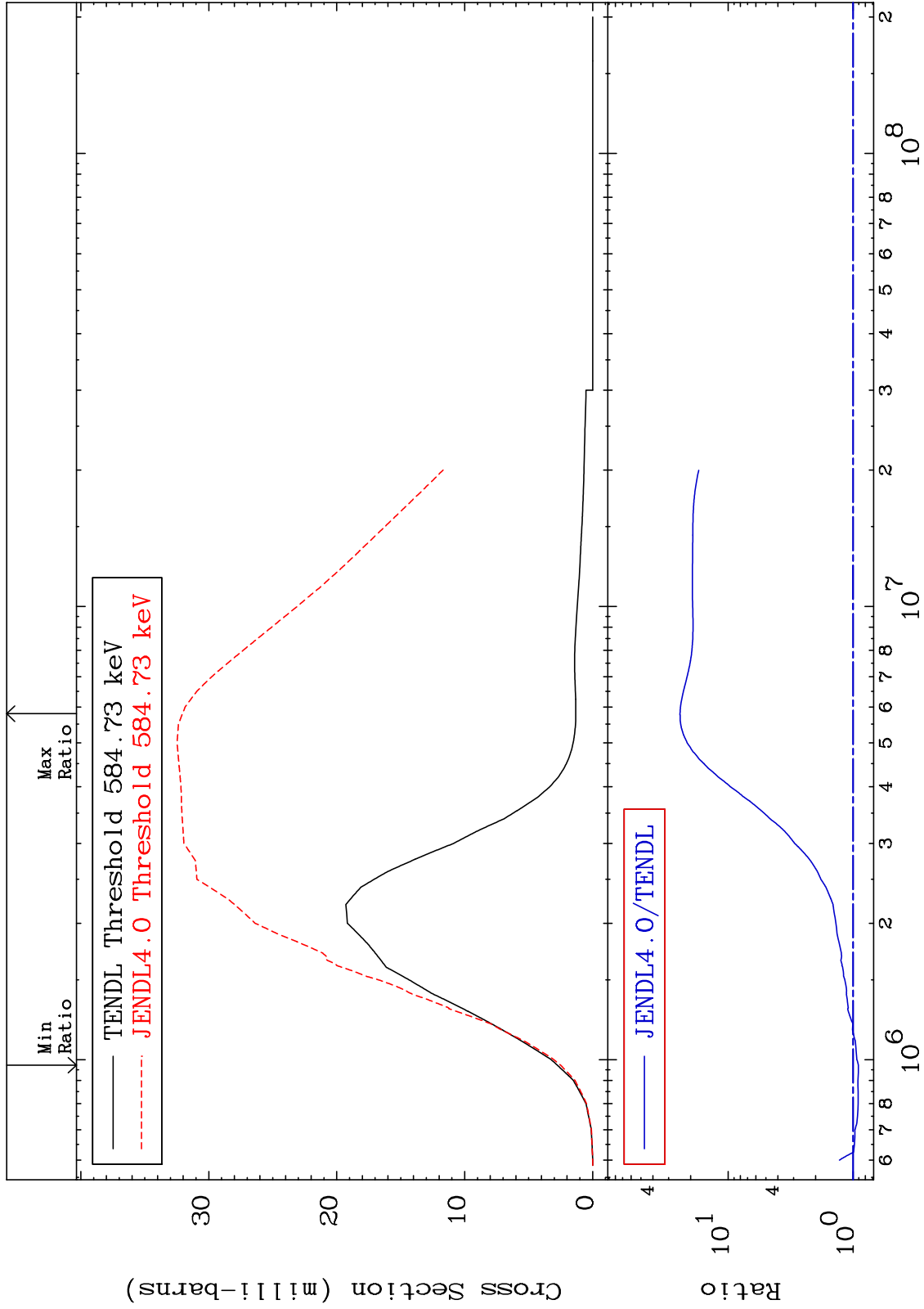
66-Dy-160  
-54.31 To 57.59 %



MAT 6637

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

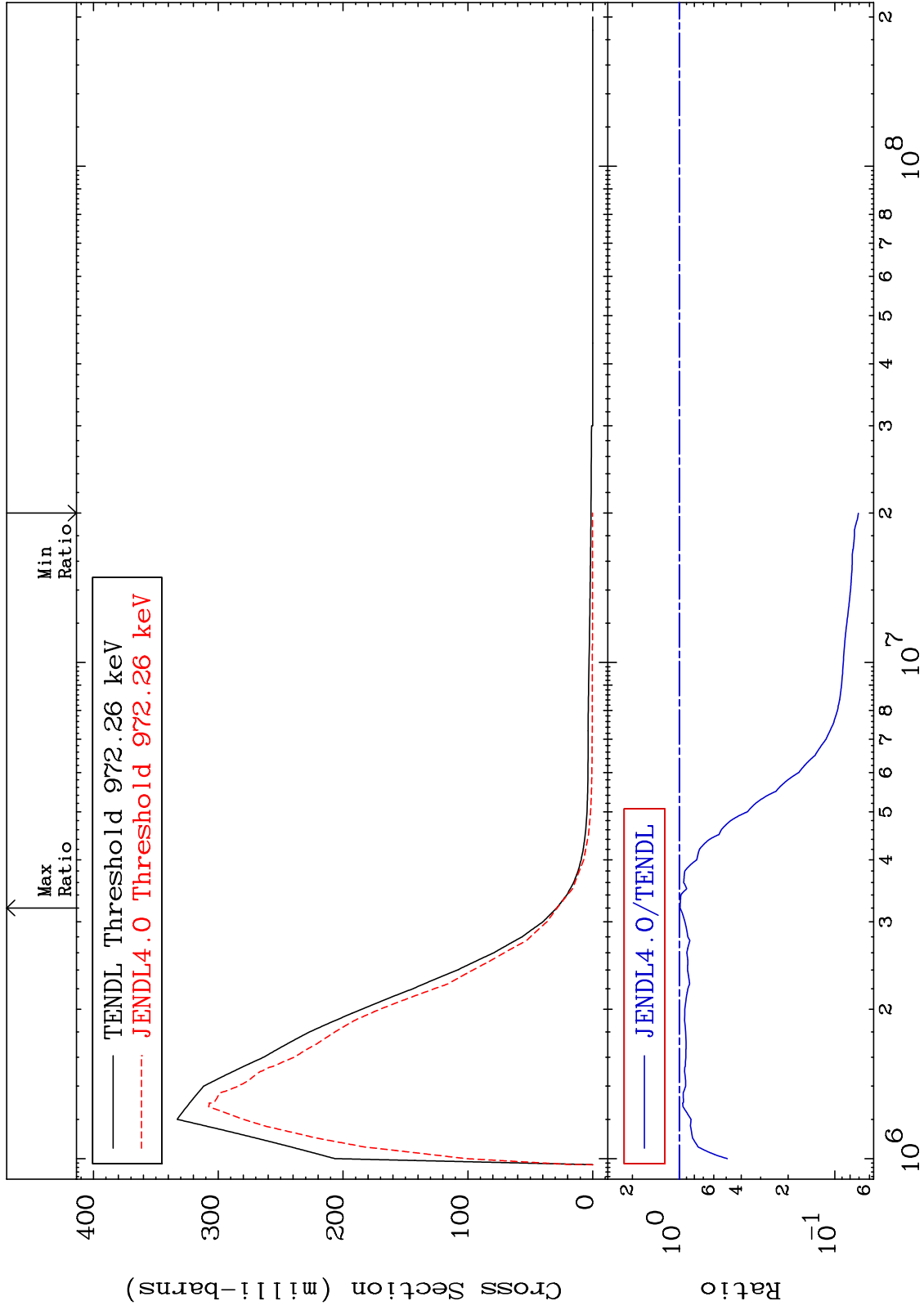
66-Dy-160  
-9.190 To 2331. %



MAT 6637

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

66-Dy-160  
-92.94 To -1.076%



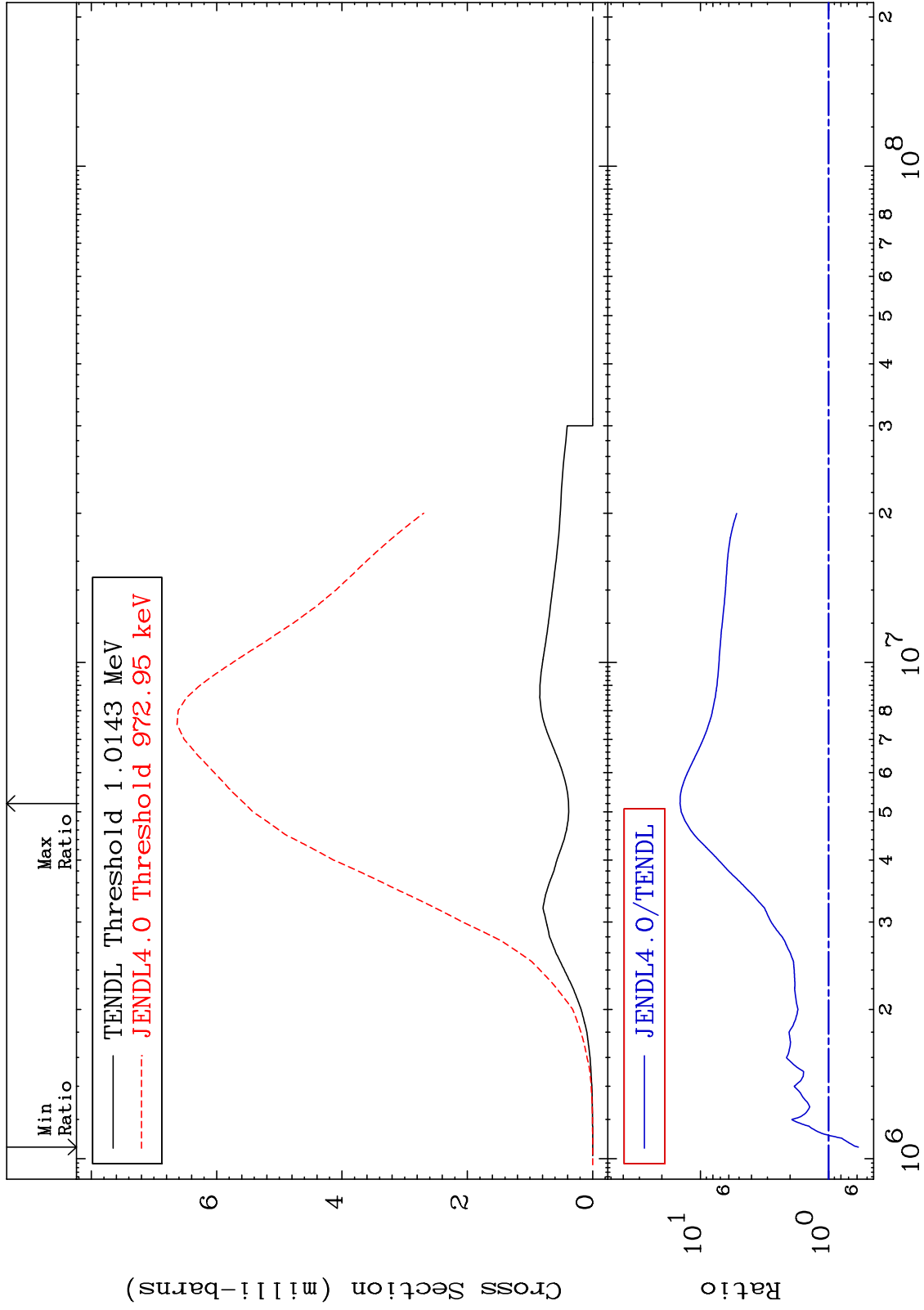
66-Dy-160

13

MAT 6637

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

66-Dy-160  
-41.48 To 1344. %



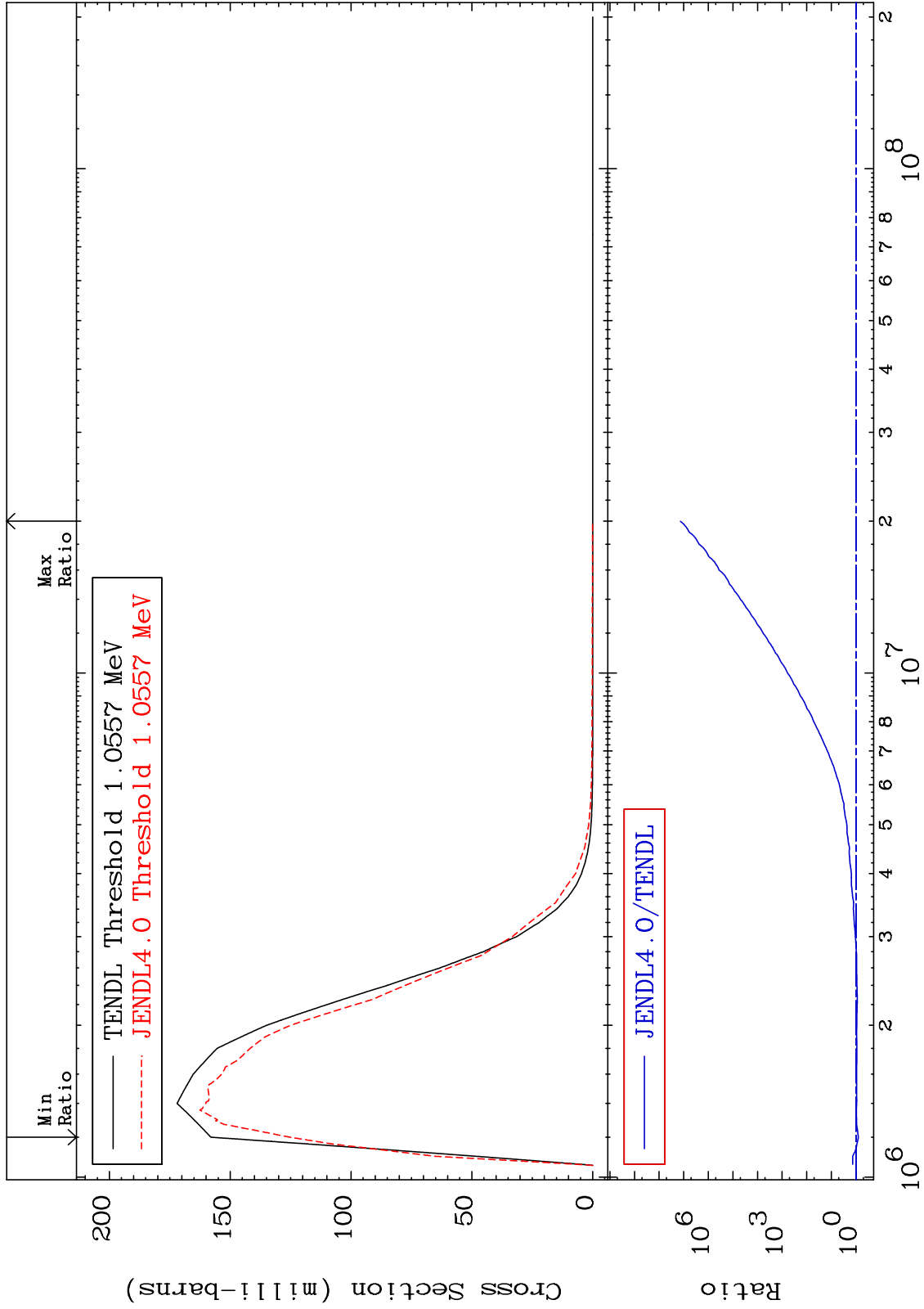
14

66-Dy-160

MAT 6637

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

66-Dy-160  
-20.67 To 9999. %



66-Dy-160

Incident Energy (eV)

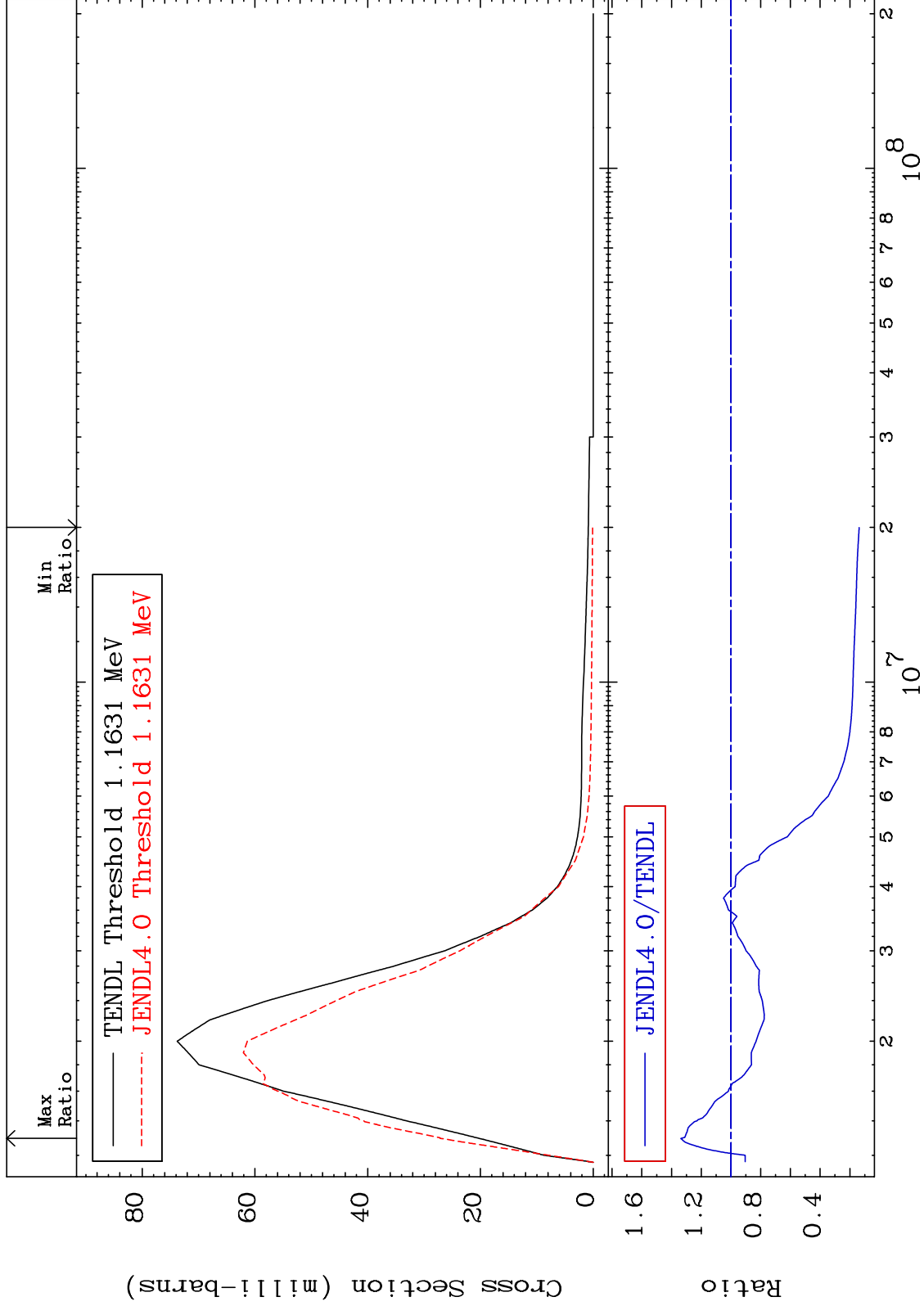
15



MAT 6637

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

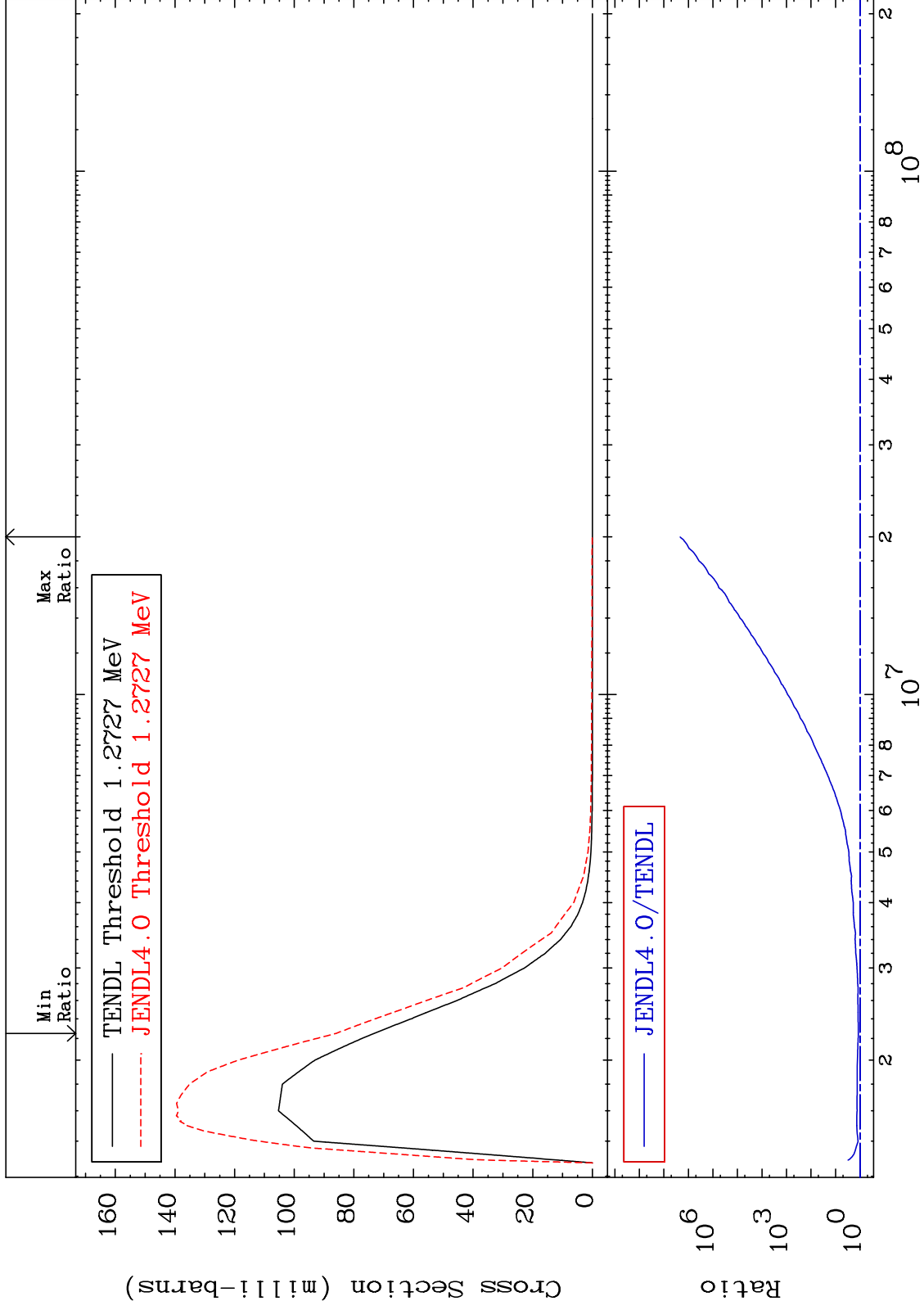
66-Dy-160  
-86.26 To 33.88 %



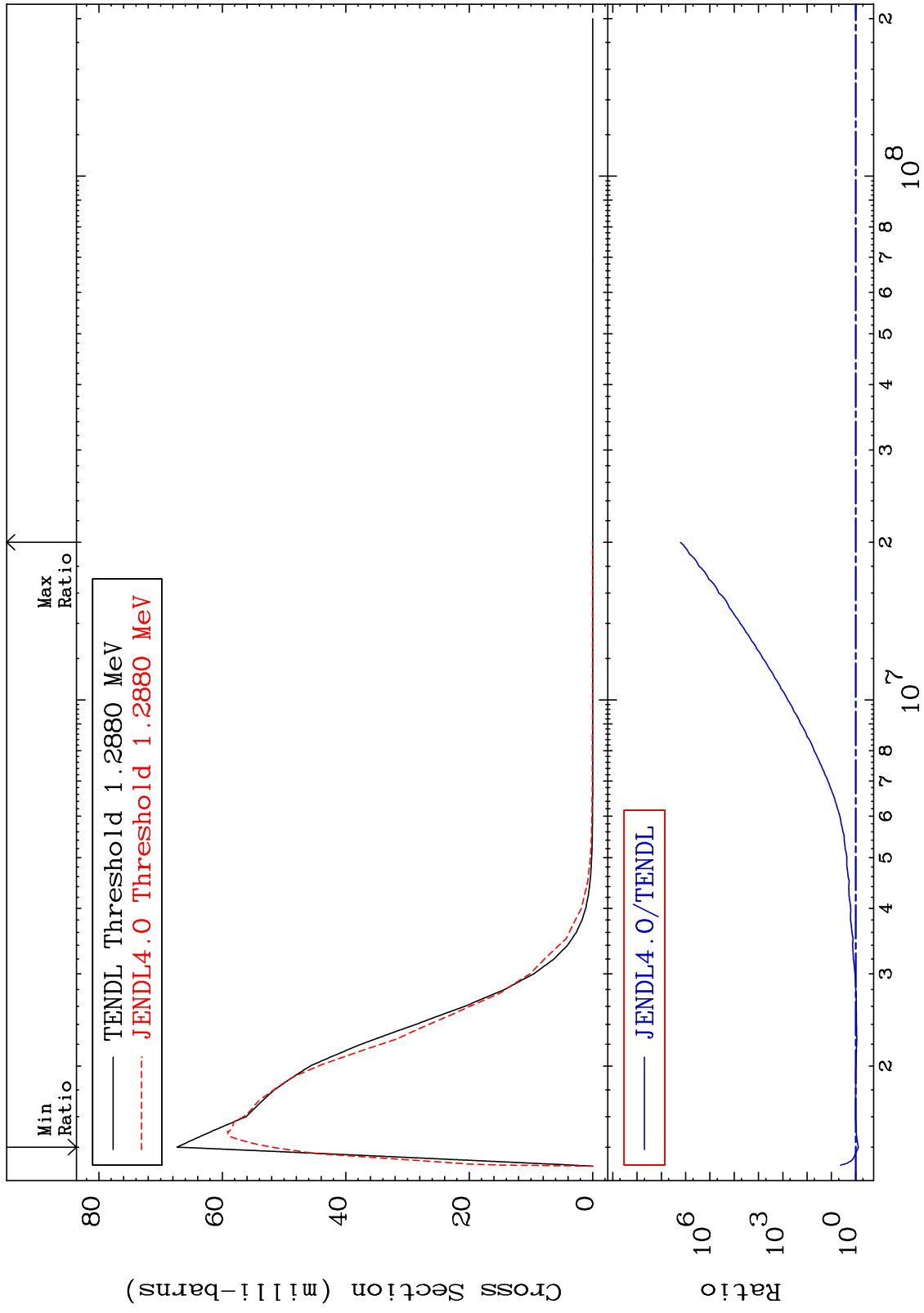
MAT 6637

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

66-Dy-160  
17.47 To 9999. %



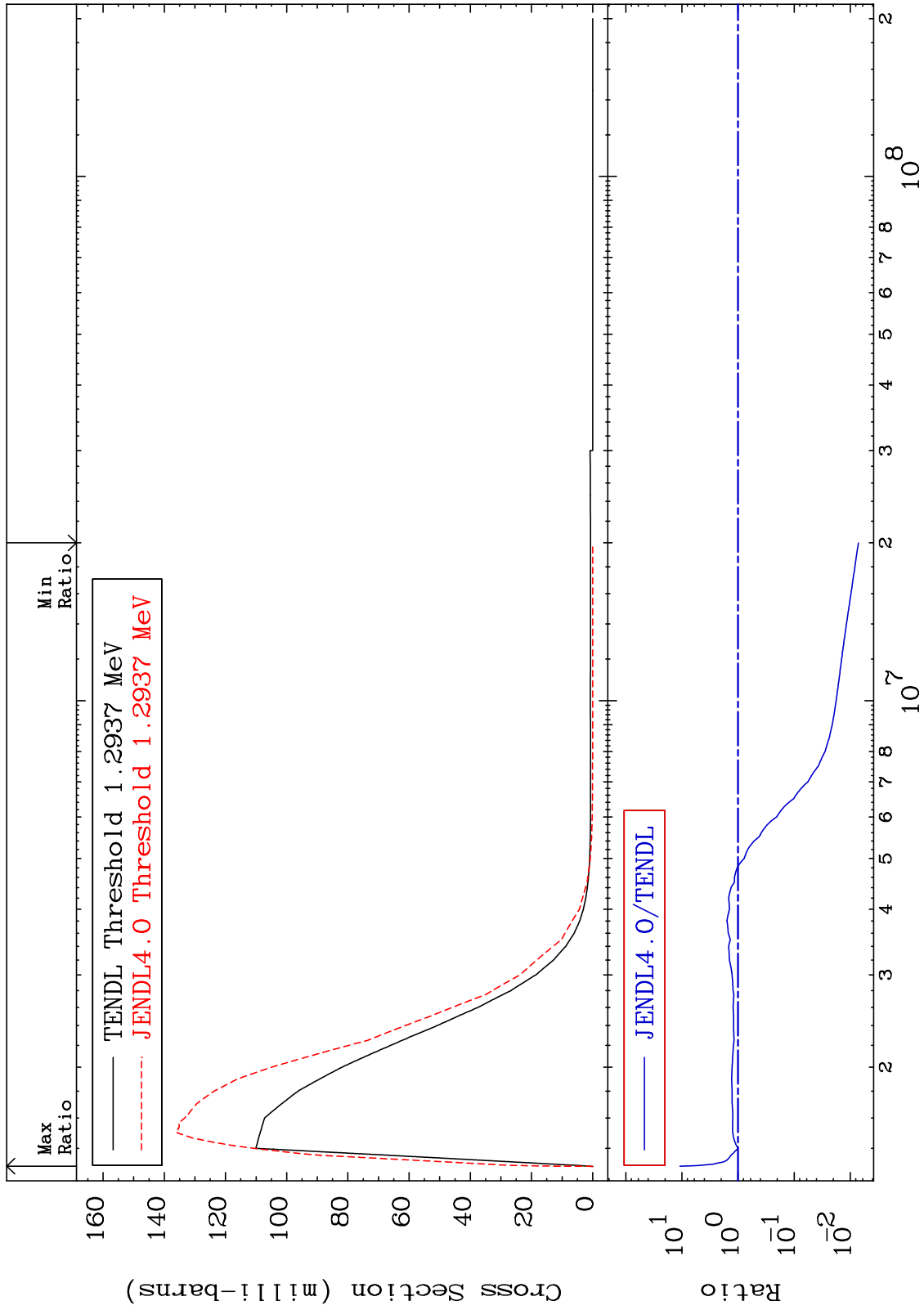
MAT 6637      MT= 59 (n, n') Level      66-Dy-160  
 Cross Section      -22.82 To 9999. %



MAT 6637

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

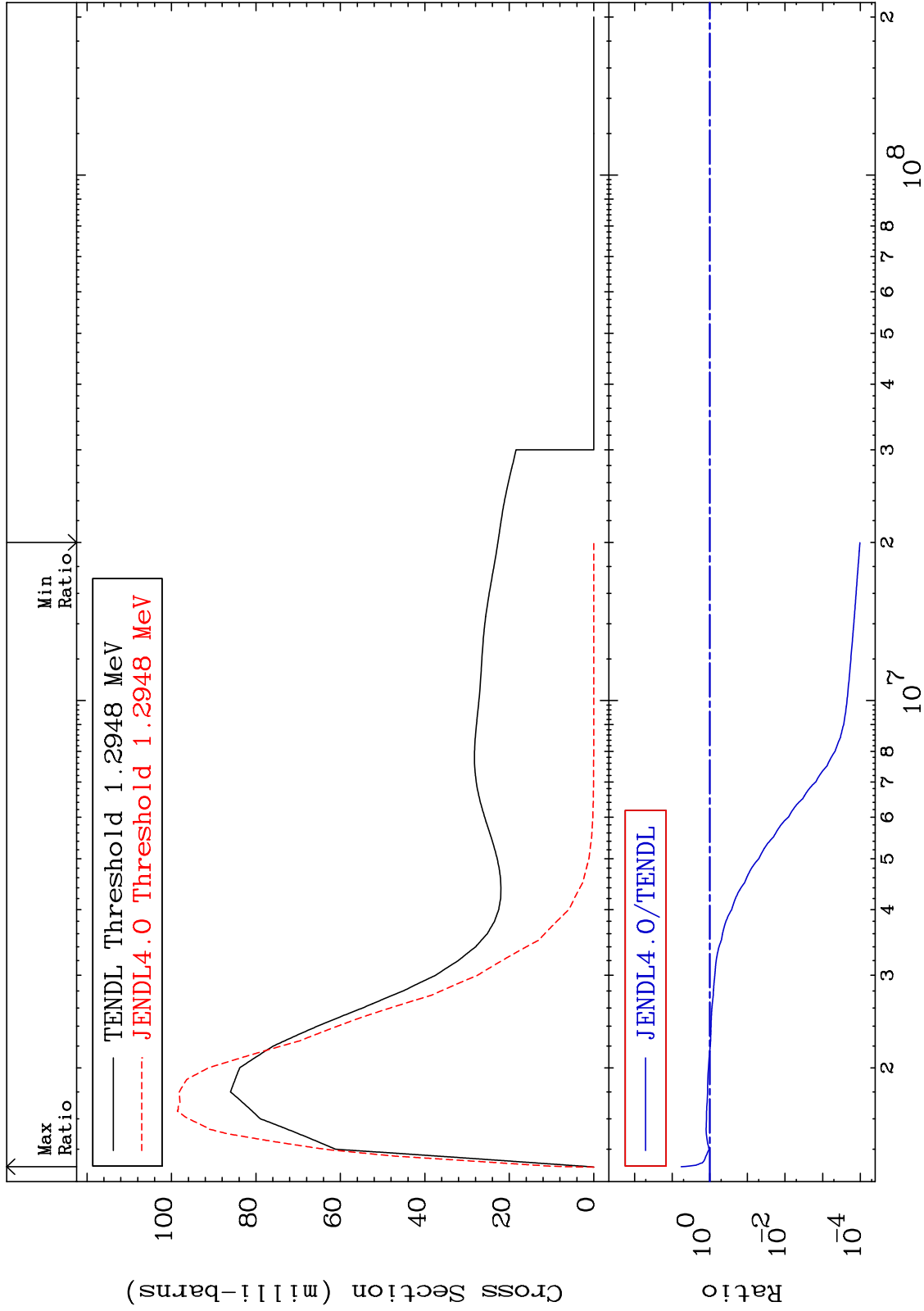
66-Dy-160  
-99.28 To 983.9 %



MAT 6637

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

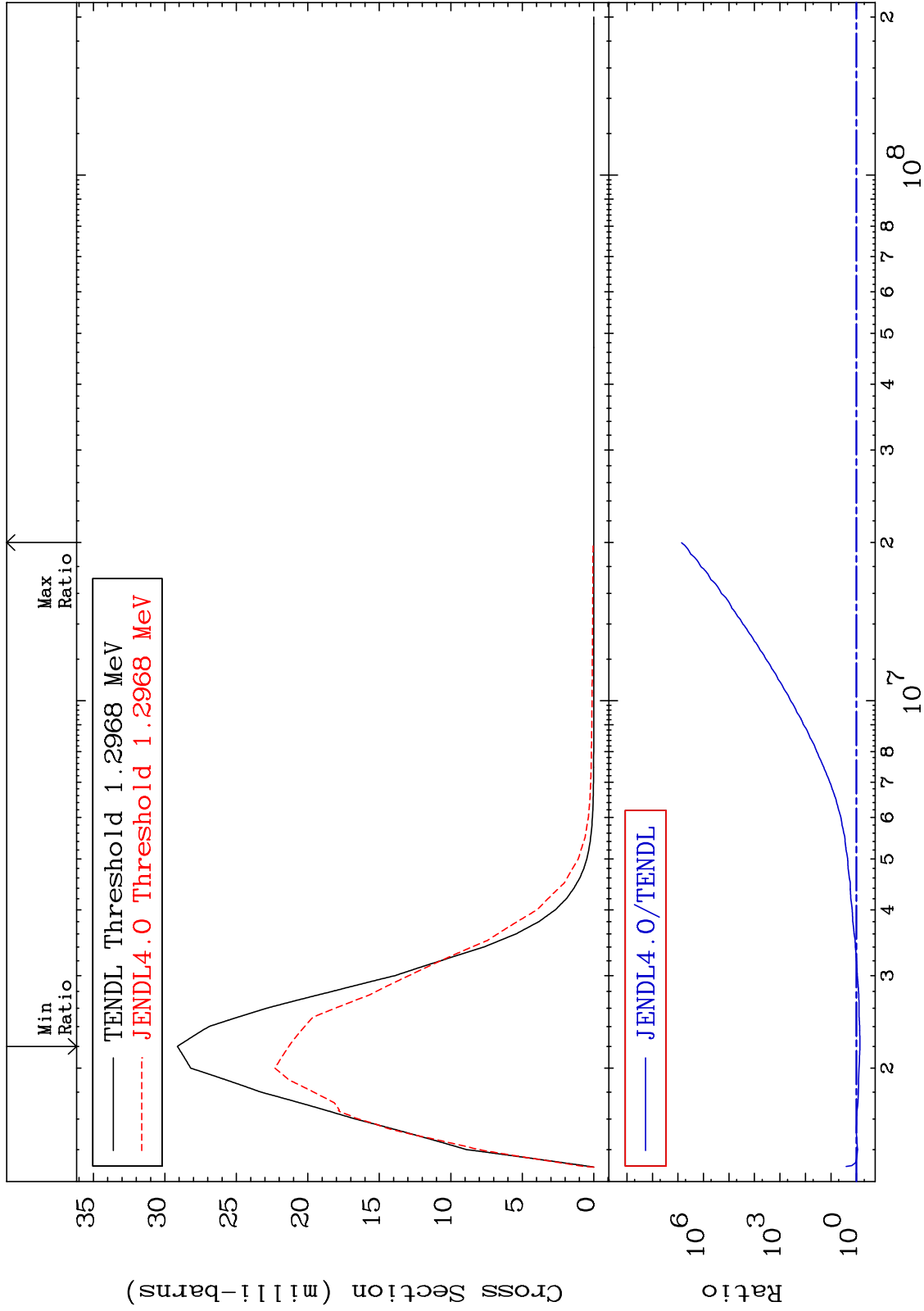
66-Dy-160  
-99.99 To 474.4 %



MAT 6637

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

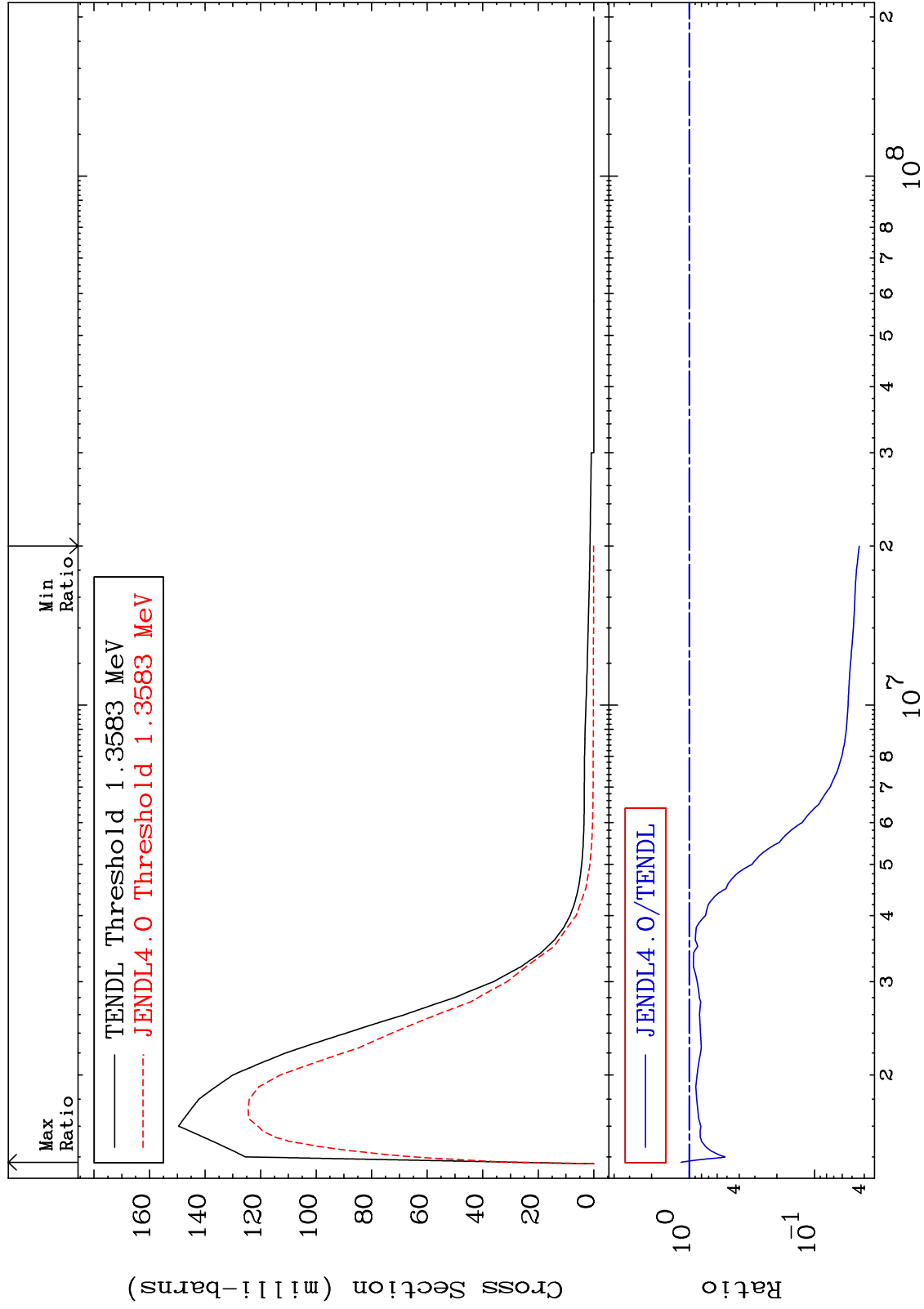
66-Dy-160  
-26.78 To 9999. %



MAT 6637

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

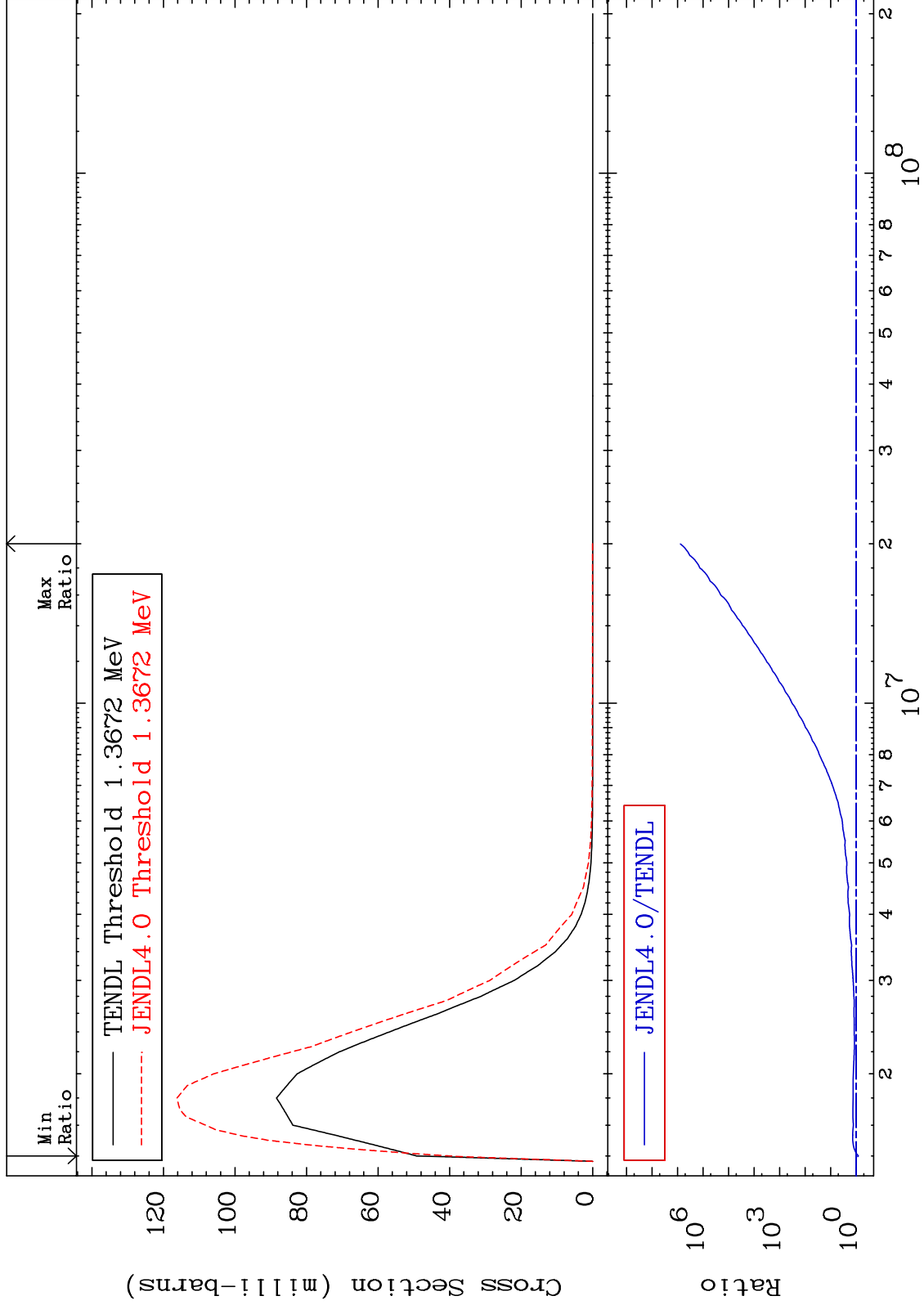
66-Dy-160  
-95.62 To 16.47 %



MAT 6637

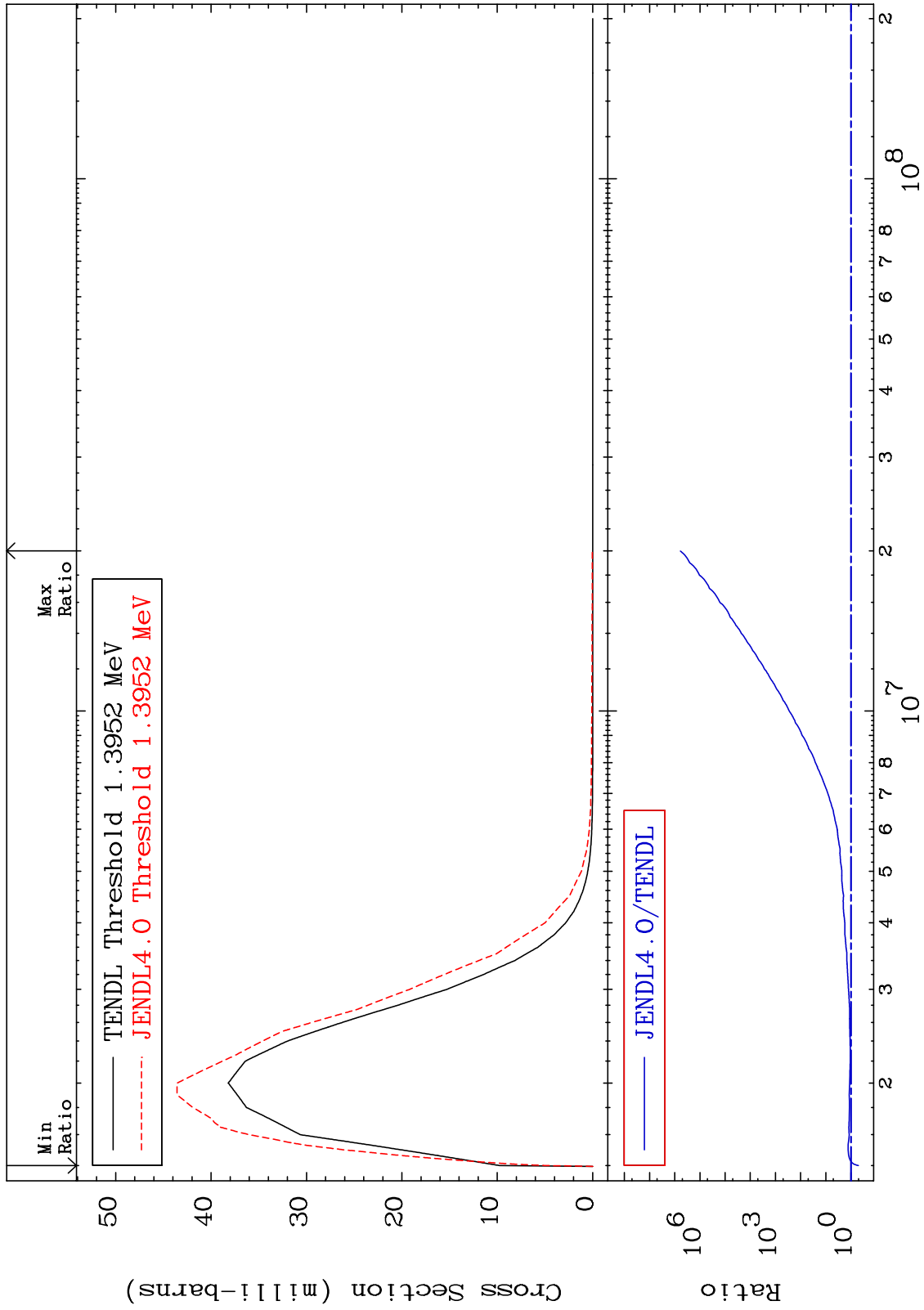
MT= 64 (n,n') Level  
Cross Section

66-Dy-160  
-18.35 To 9999. %





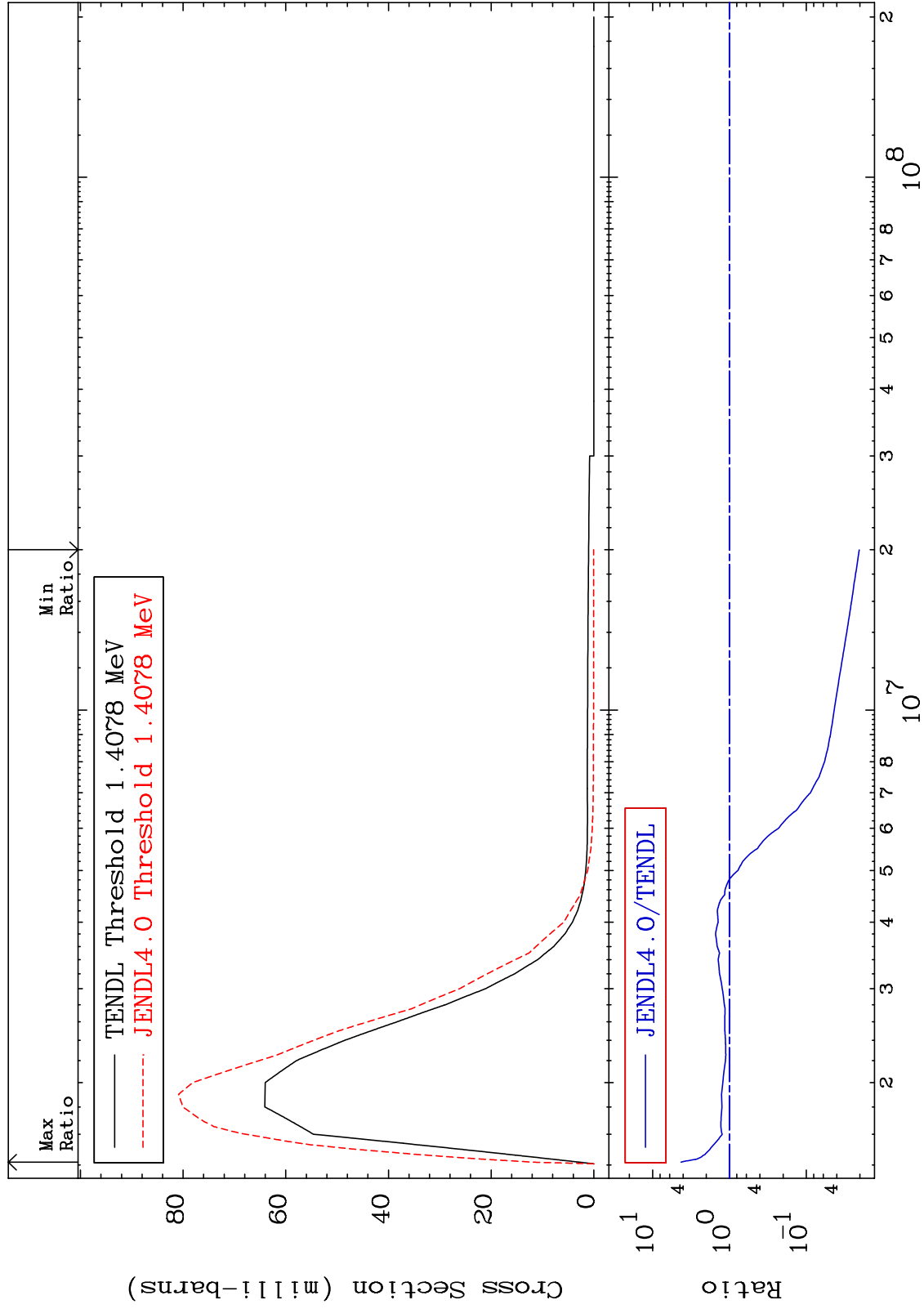
MAT 6637      MT= 65 (n,n') Level      66-Dy-160  
 Cross Section      -49.30 To 9999. %



MAT 6637

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

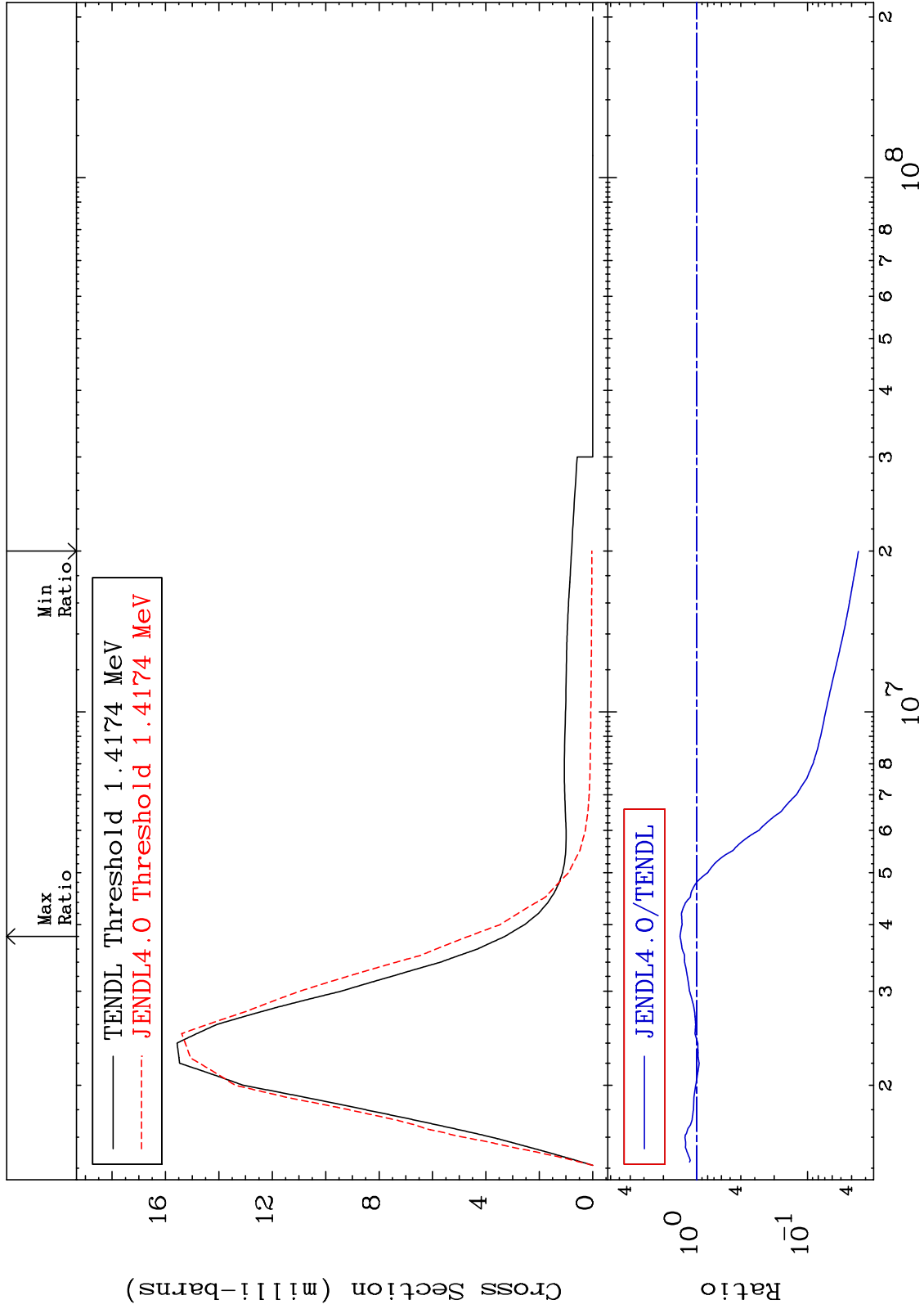
66-Dy-160  
-97.96 To 325.6 %



MAT 6637

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

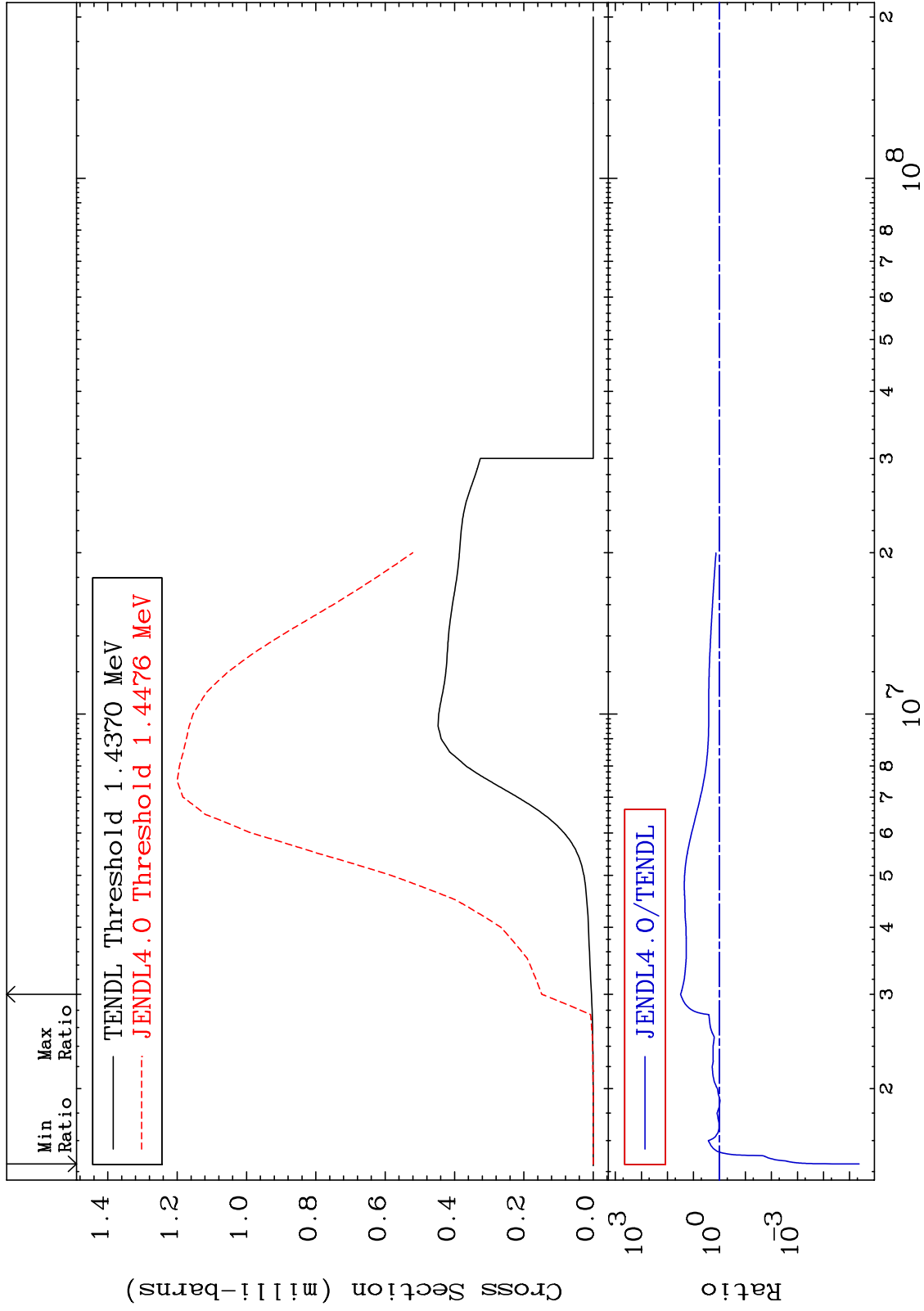
66-Dy-160  
-96.53 To 41.78 %



MAT 6637

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

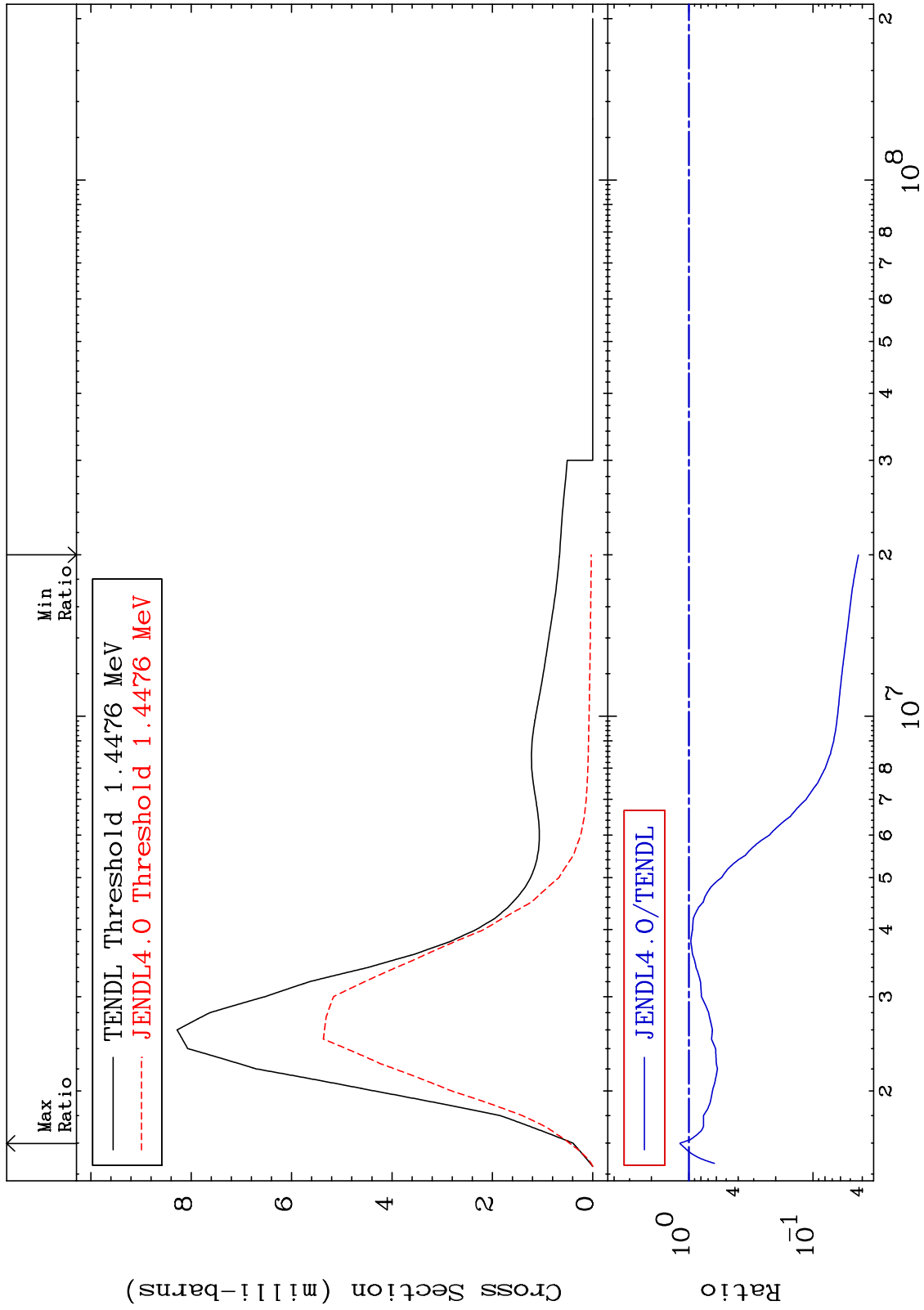
66-Dy-160  
-100.0 To 3002. %



MAT 6637

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

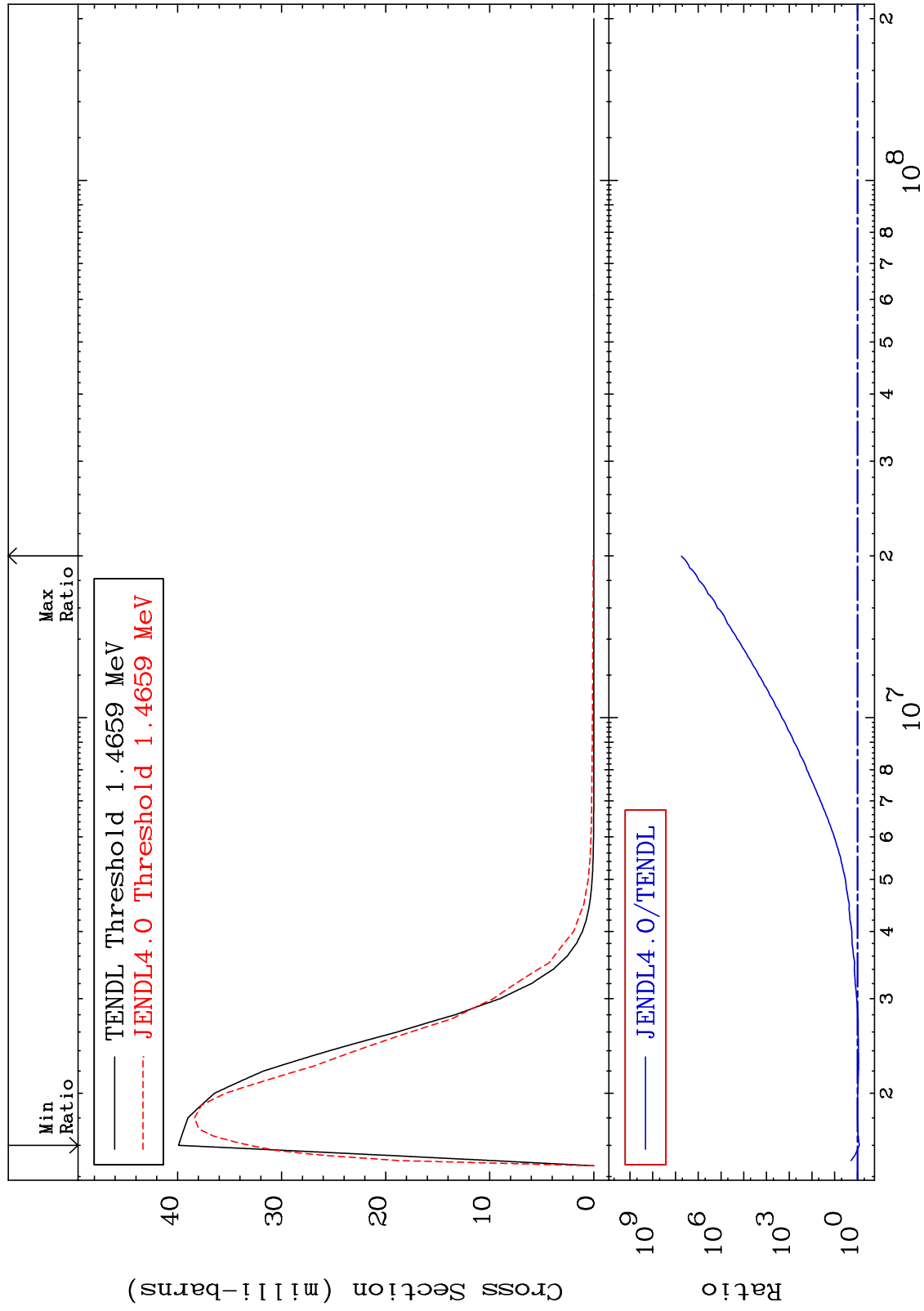
66-Dy-160  
-95.69 To 17.71 %



MAT 6637

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

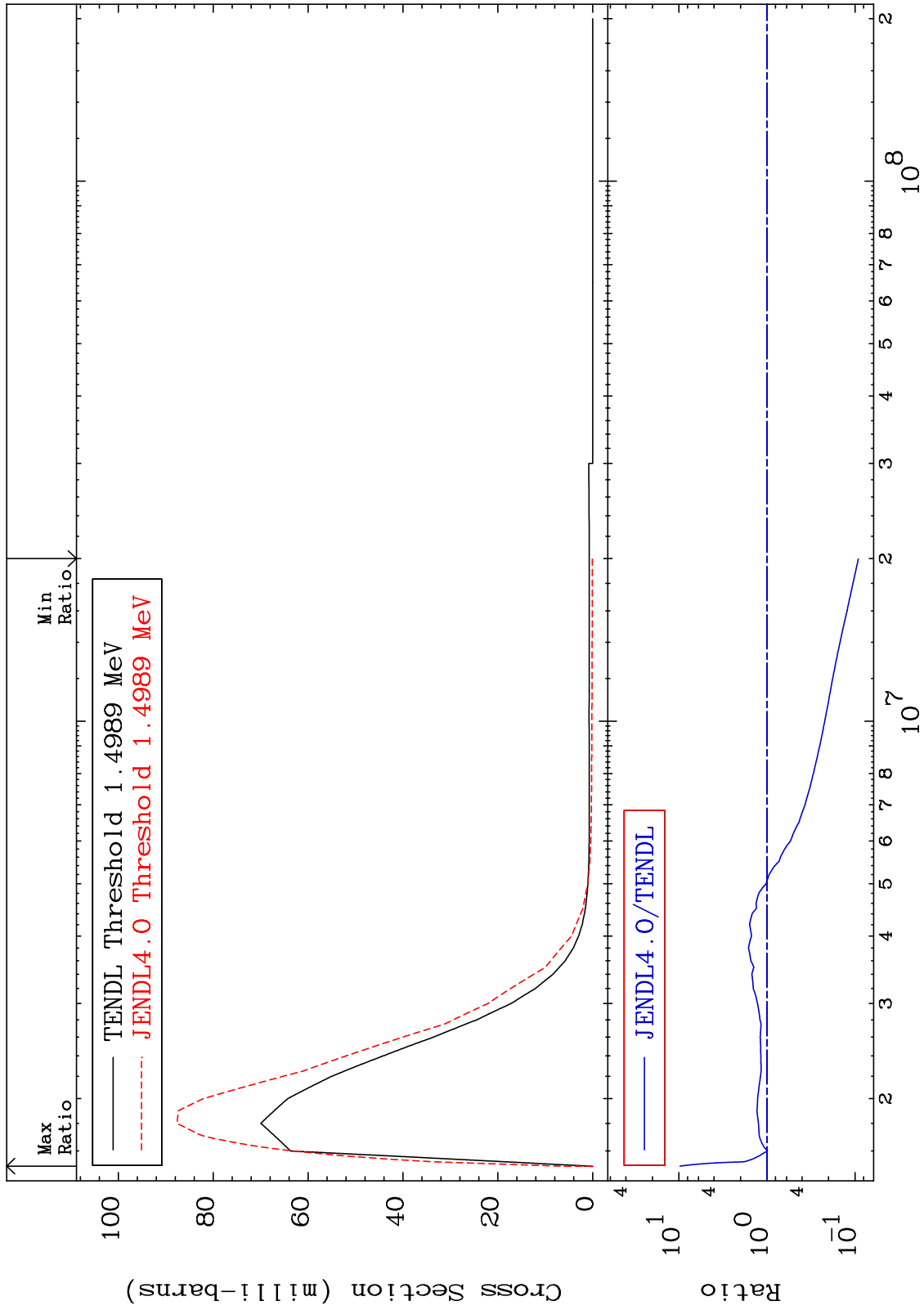
66-Dy-160  
-17.23 To 9999. %



MAT 6637

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

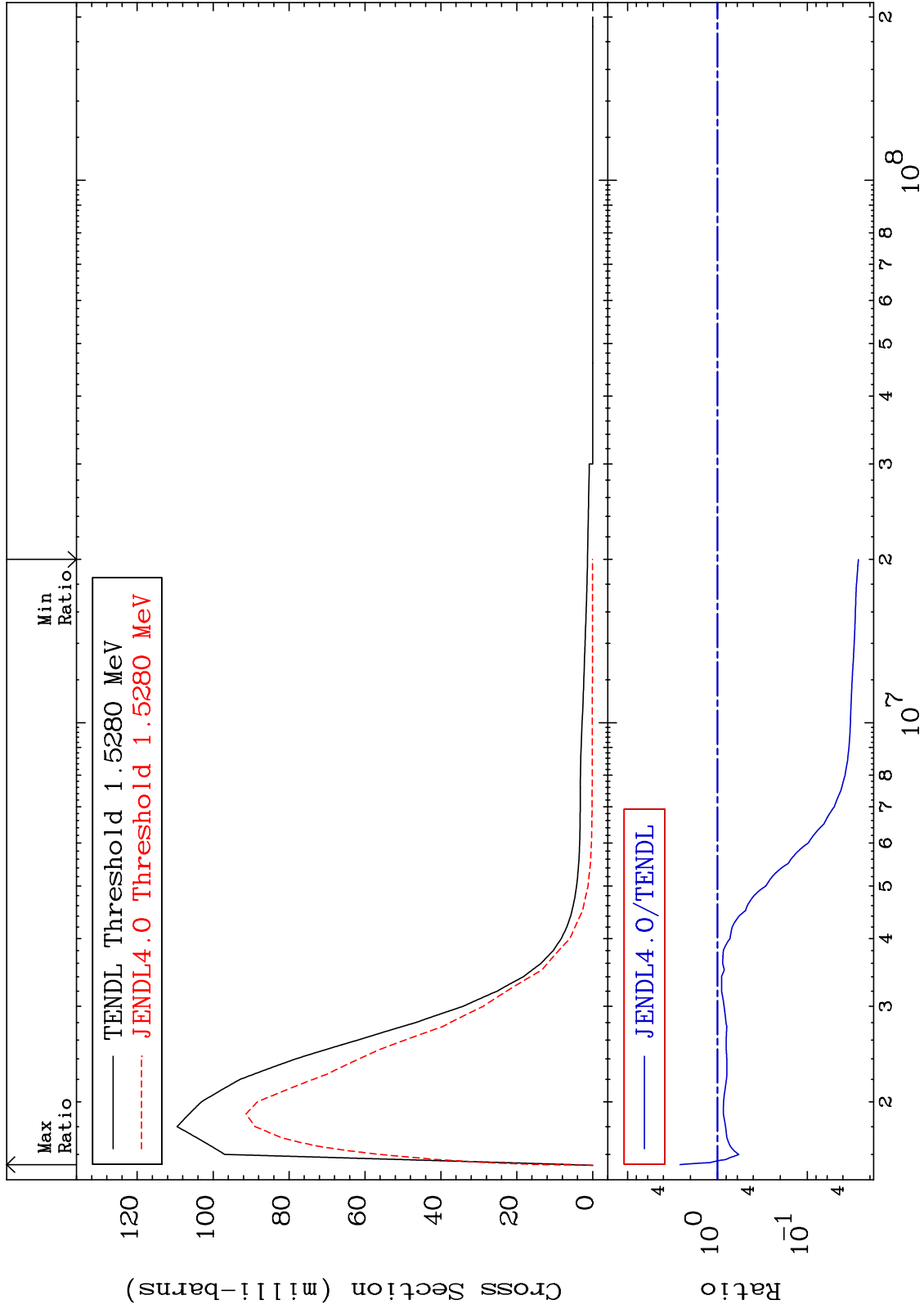
66-Dy-160  
-90.83 To 872.7 %



MAT 6637

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

66-Dy-160  
-97.31 To 161.1 %

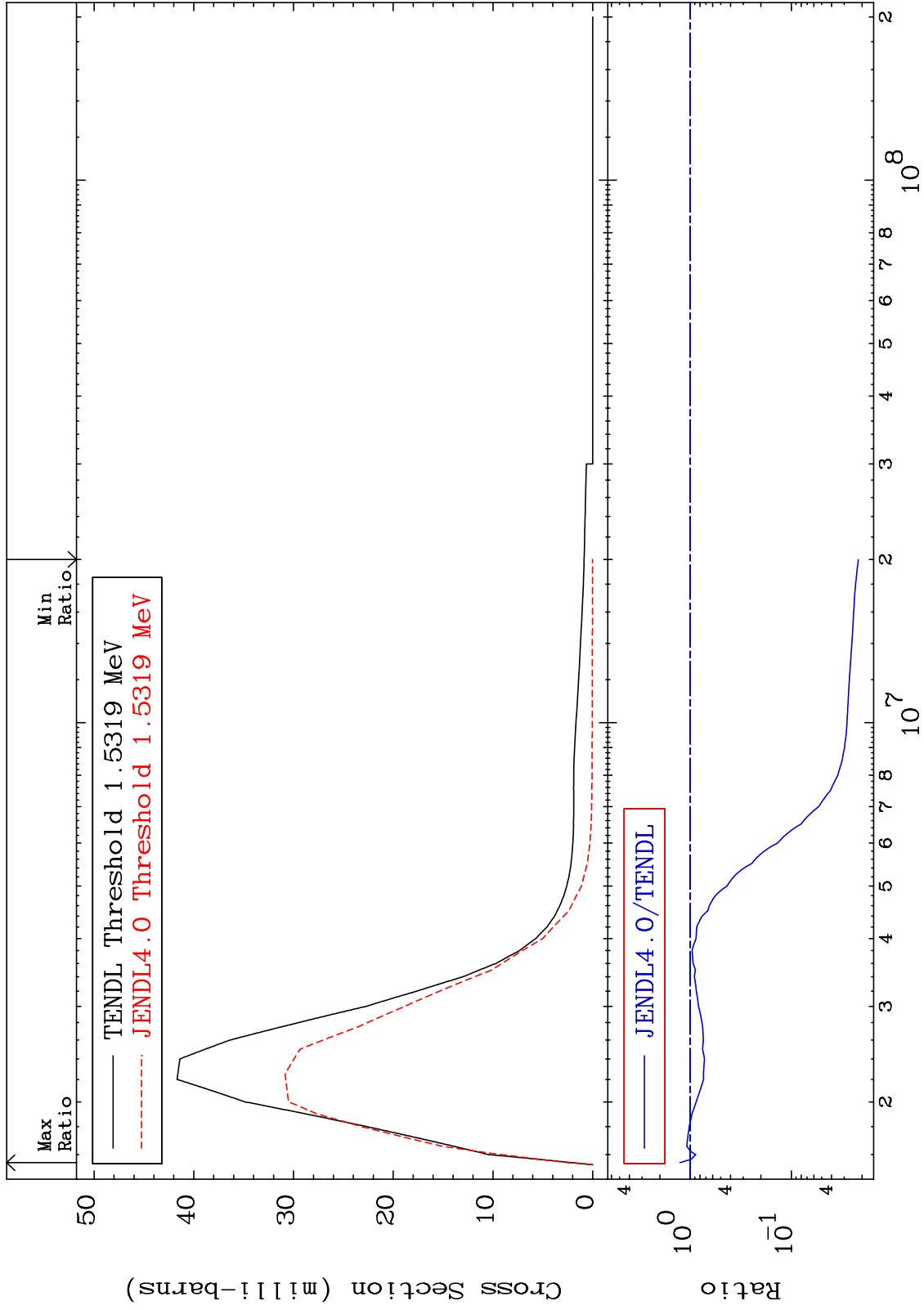




MAT 6637

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

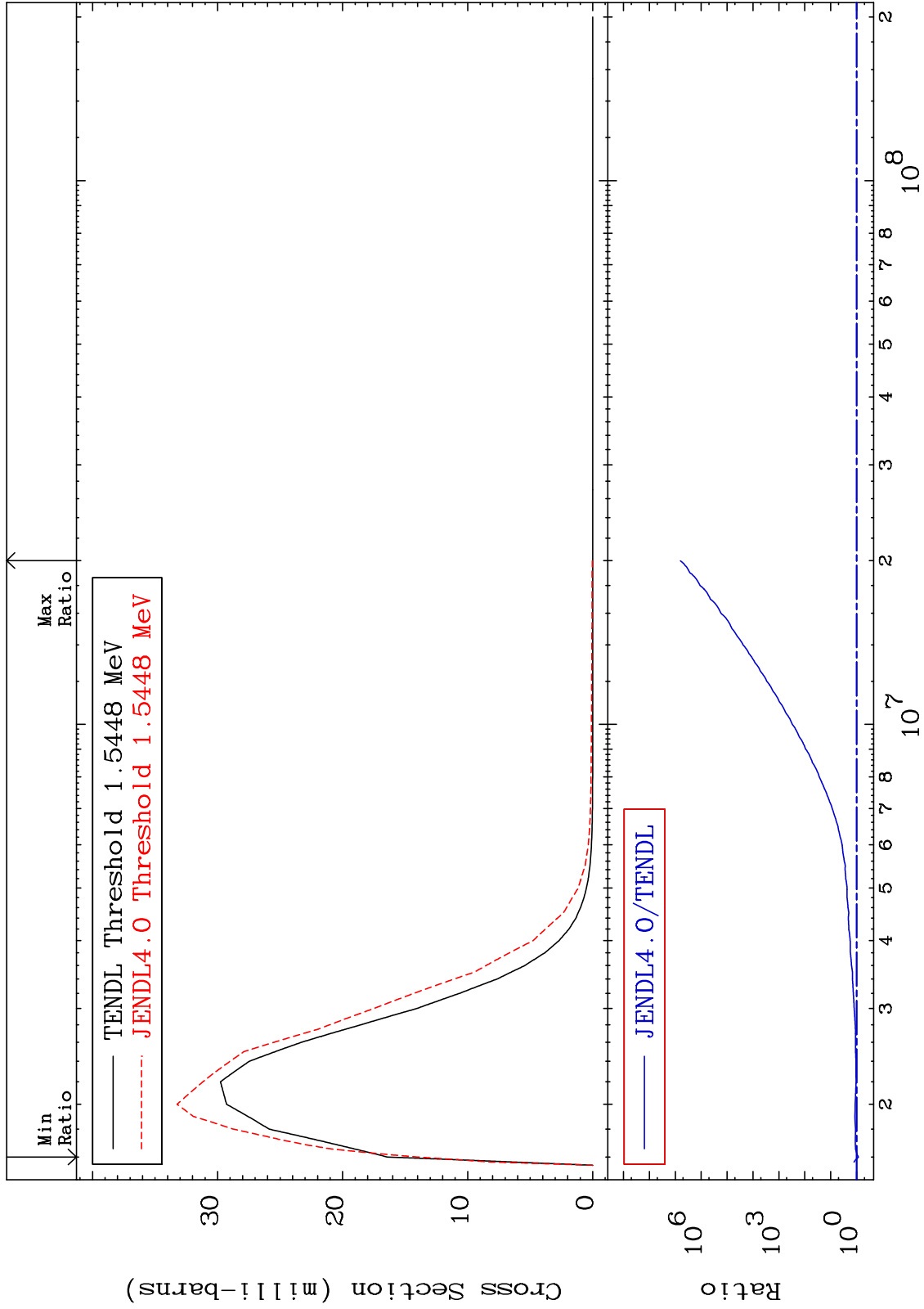
66-Dy-160  
-97.83 To 26.22 %



MAT 6637

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

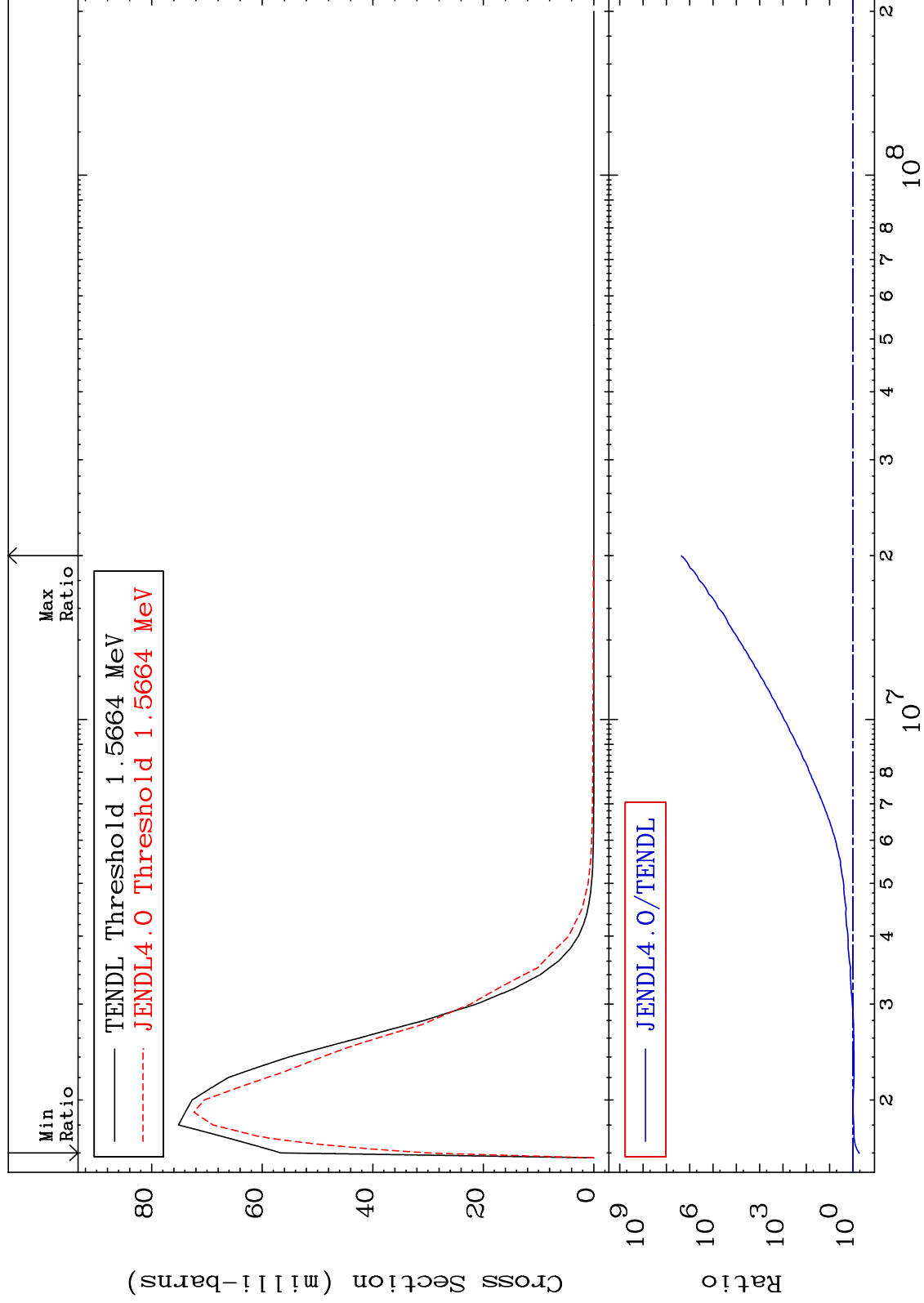
66-Dy-160  
-14.77 To 9999. %



MAT 6637

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

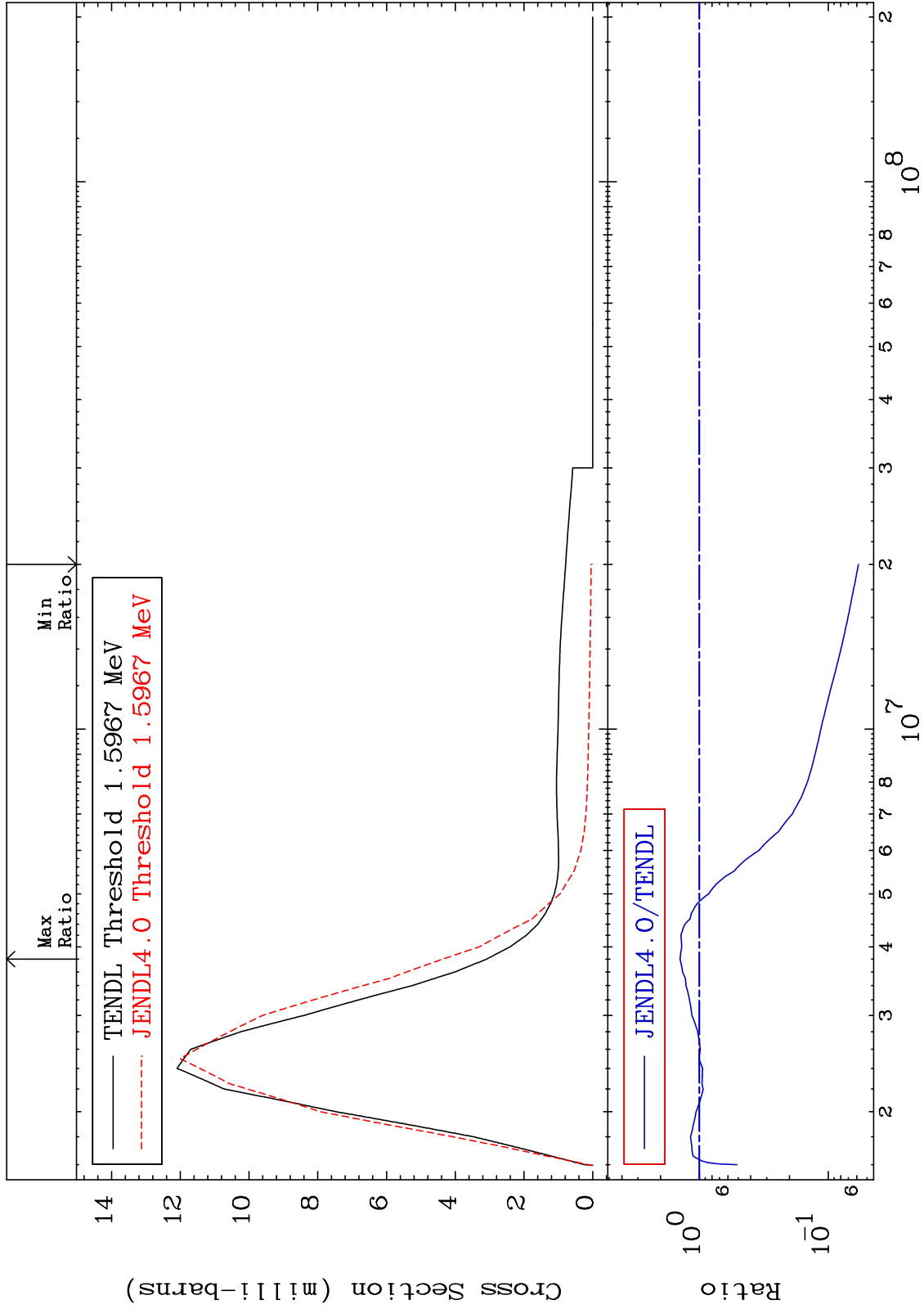
66-Dy-160  
-46.96 To 9999. %



MAT 6637

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

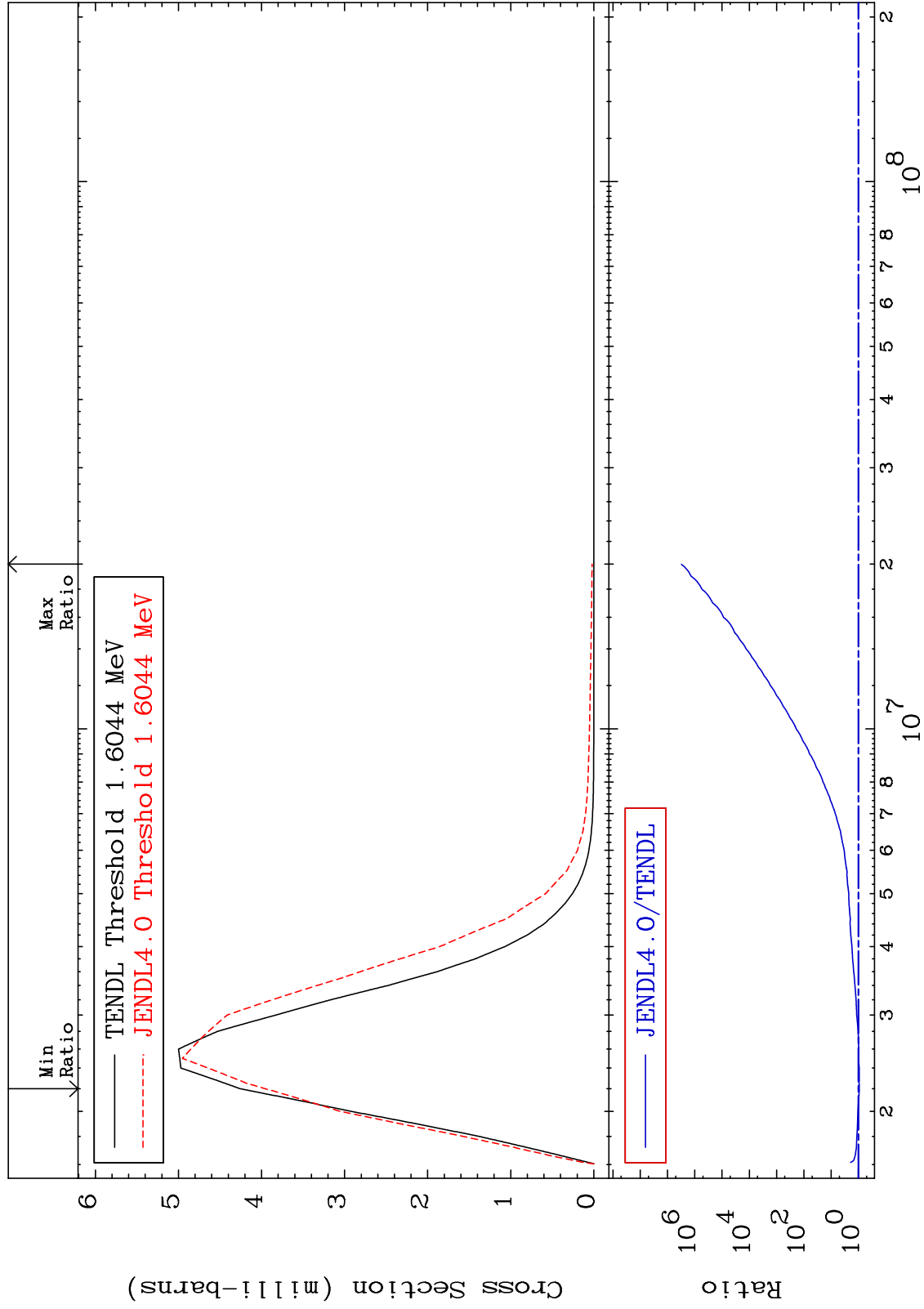
66-Dy-160  
-94.16 To 41.43 %



MAT 6637

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

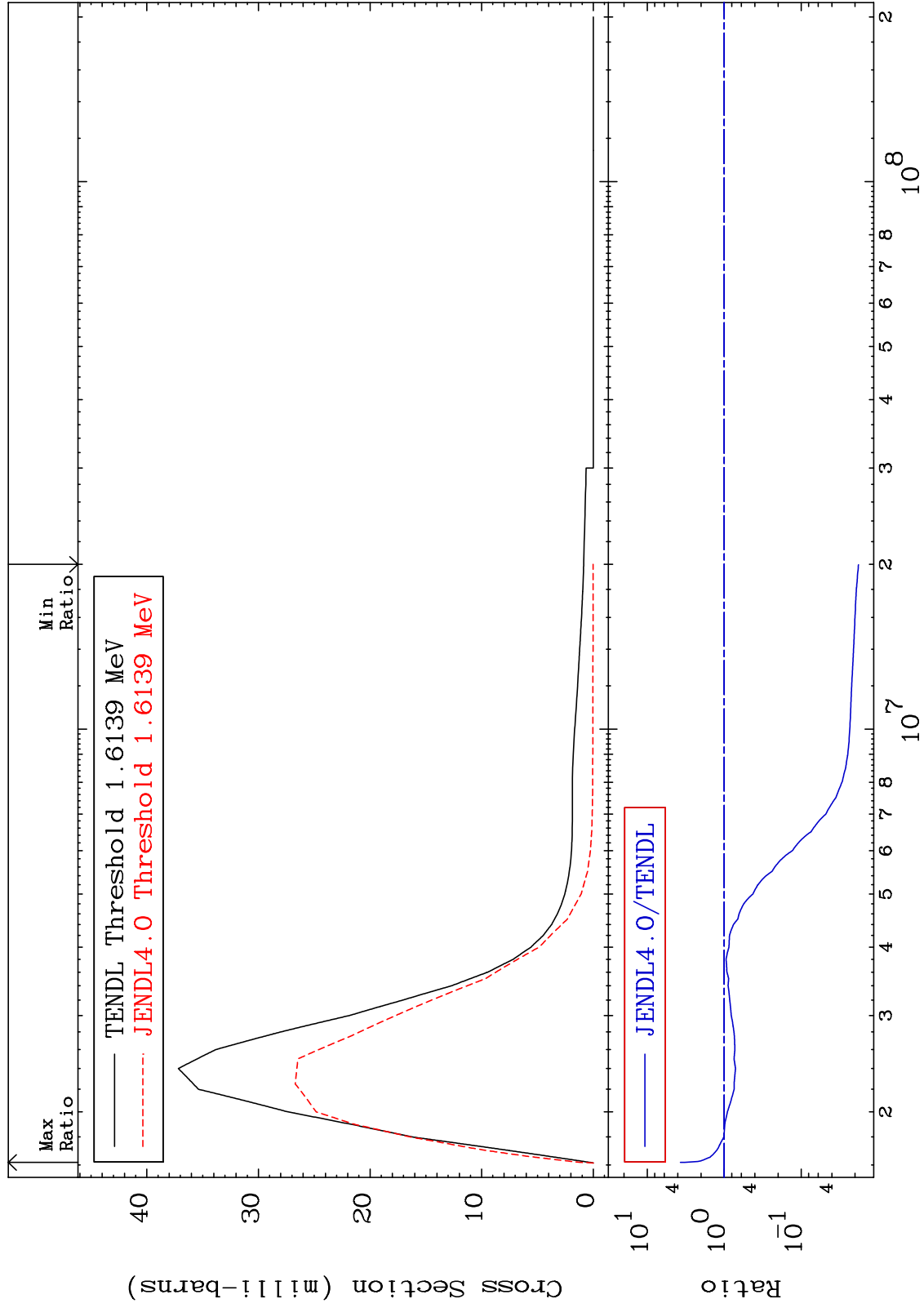
66-Dy-160  
-7.177 To 9999. %



MAT 6637

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

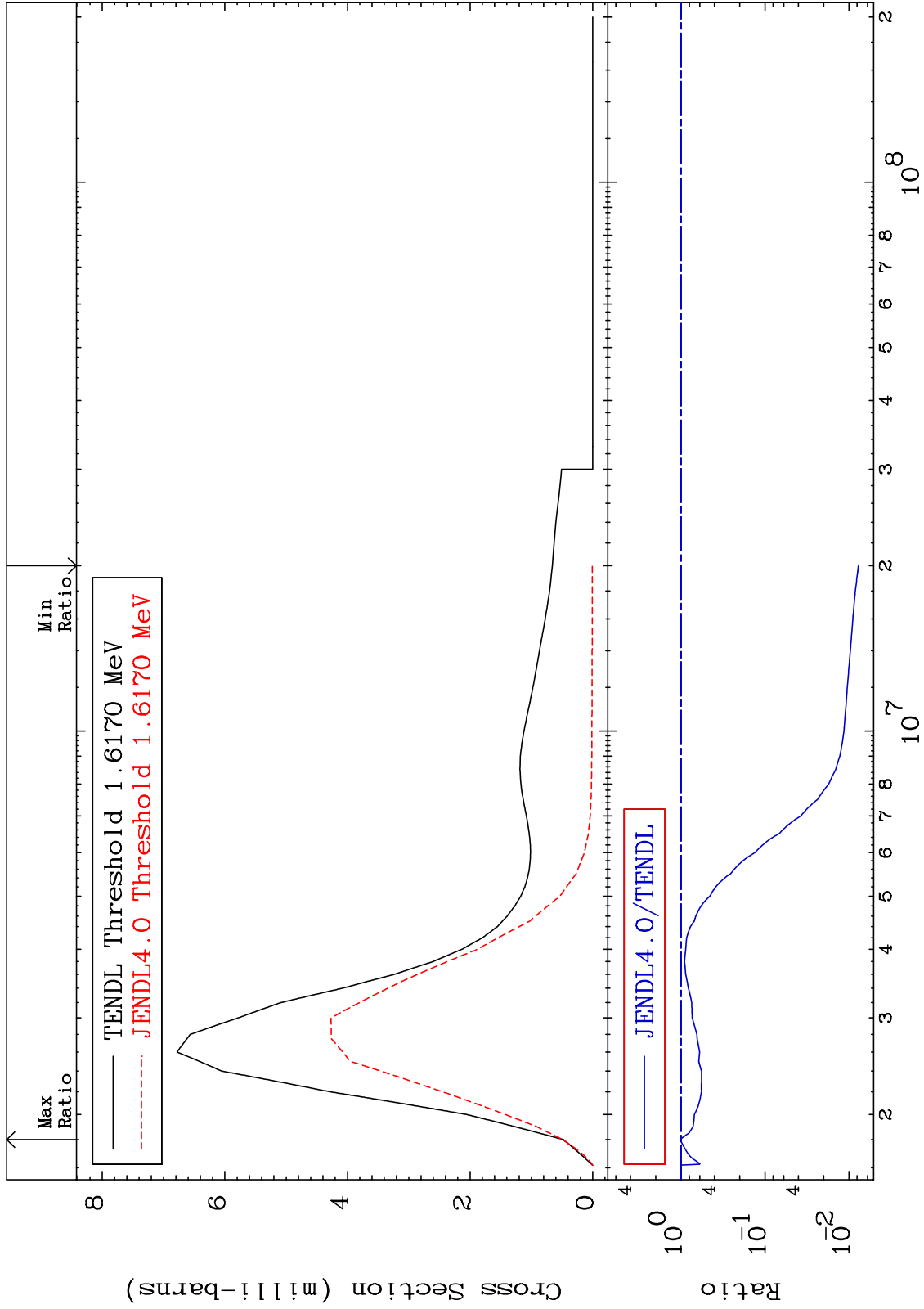
66-Dy-160  
-98.20 To 270.1 %



MAT 6637

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

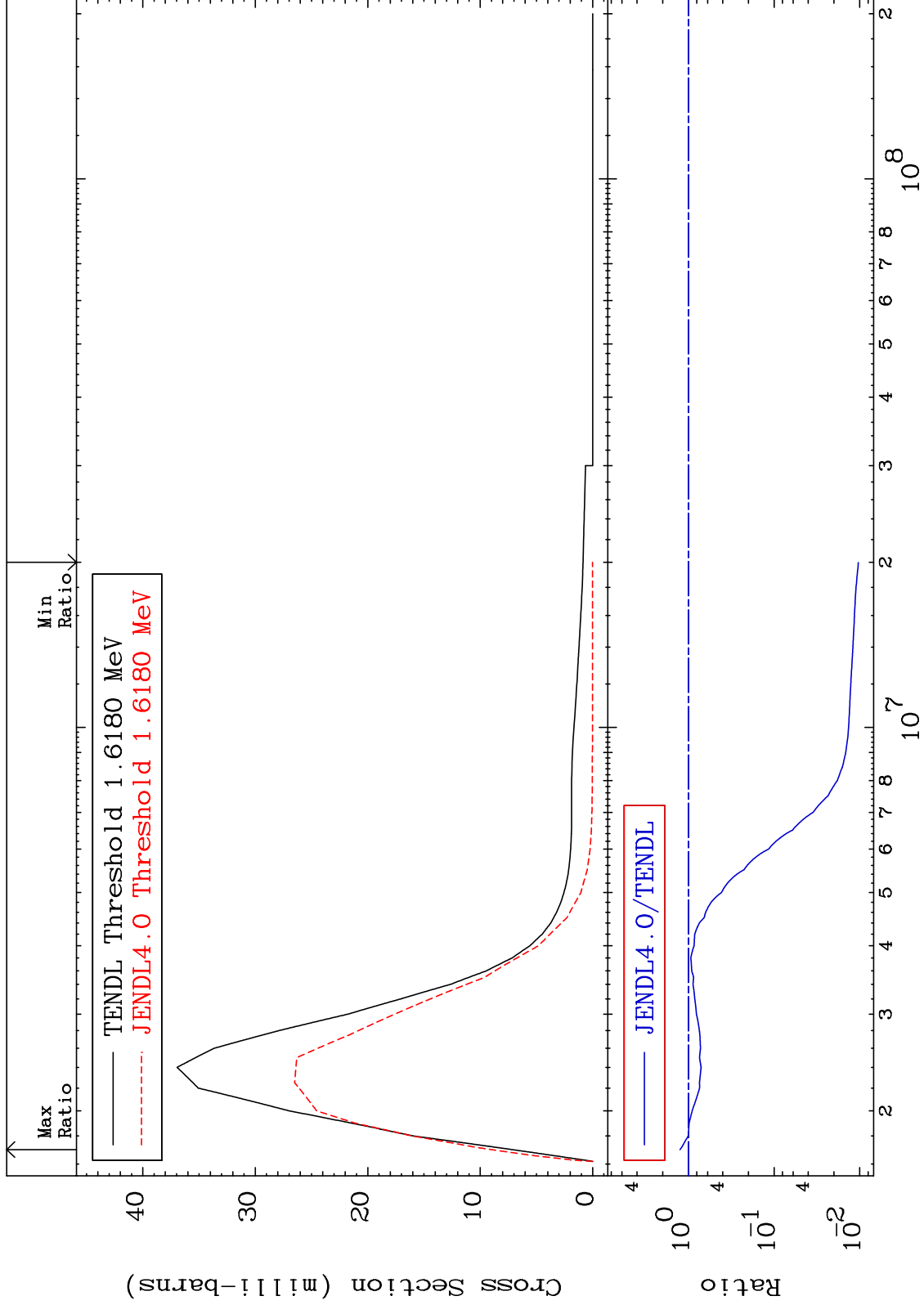
66-Dy-160  
-99.23 To 2.966 %



MAT 6637

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

66-Dy-160  
-98.96 To 25.79 %

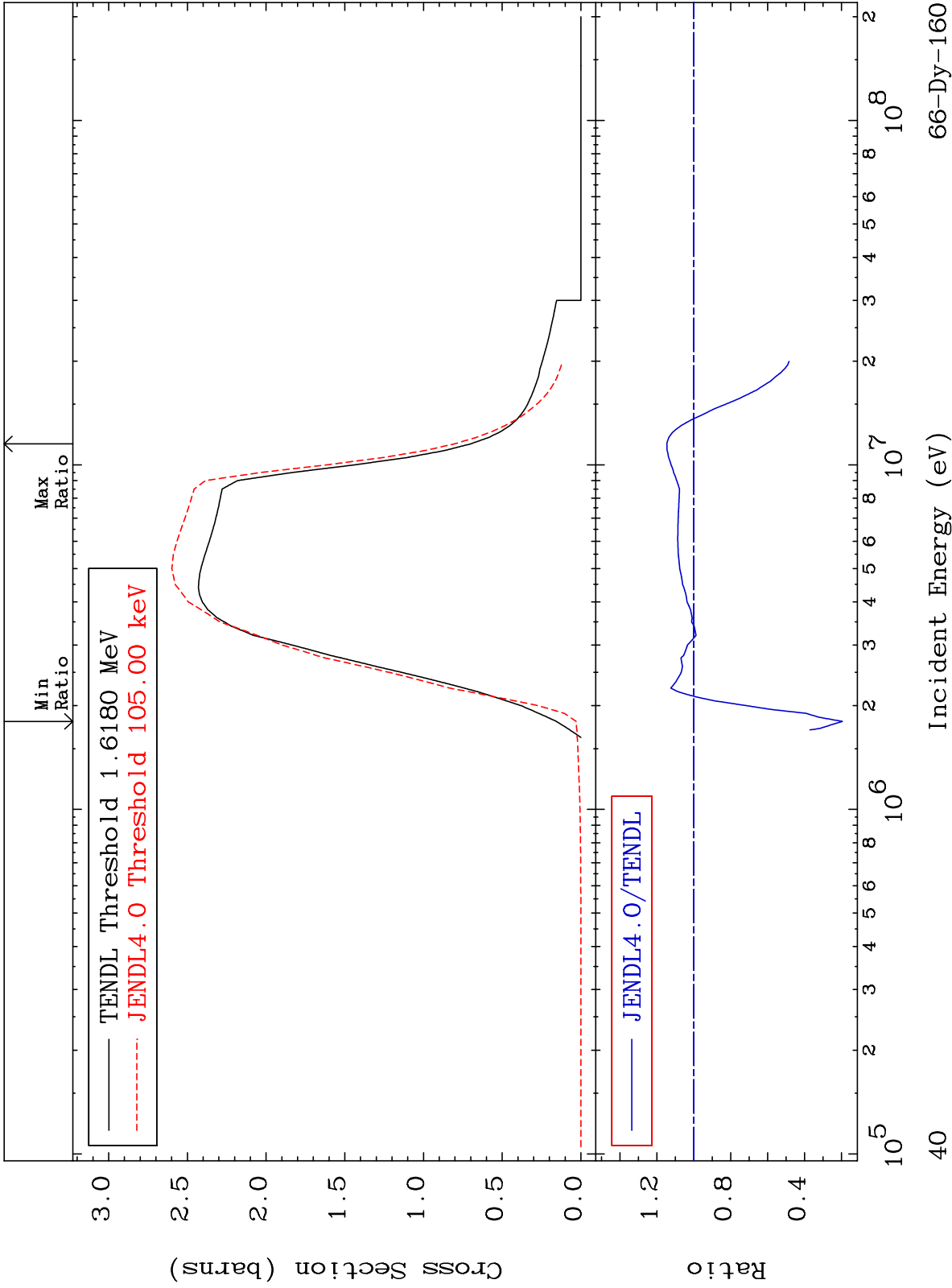




MAT 6637

(n, n') Continuum  
Cross Section

66-Dy-160  
-80.44 To 14.66 %



66-Dy-160

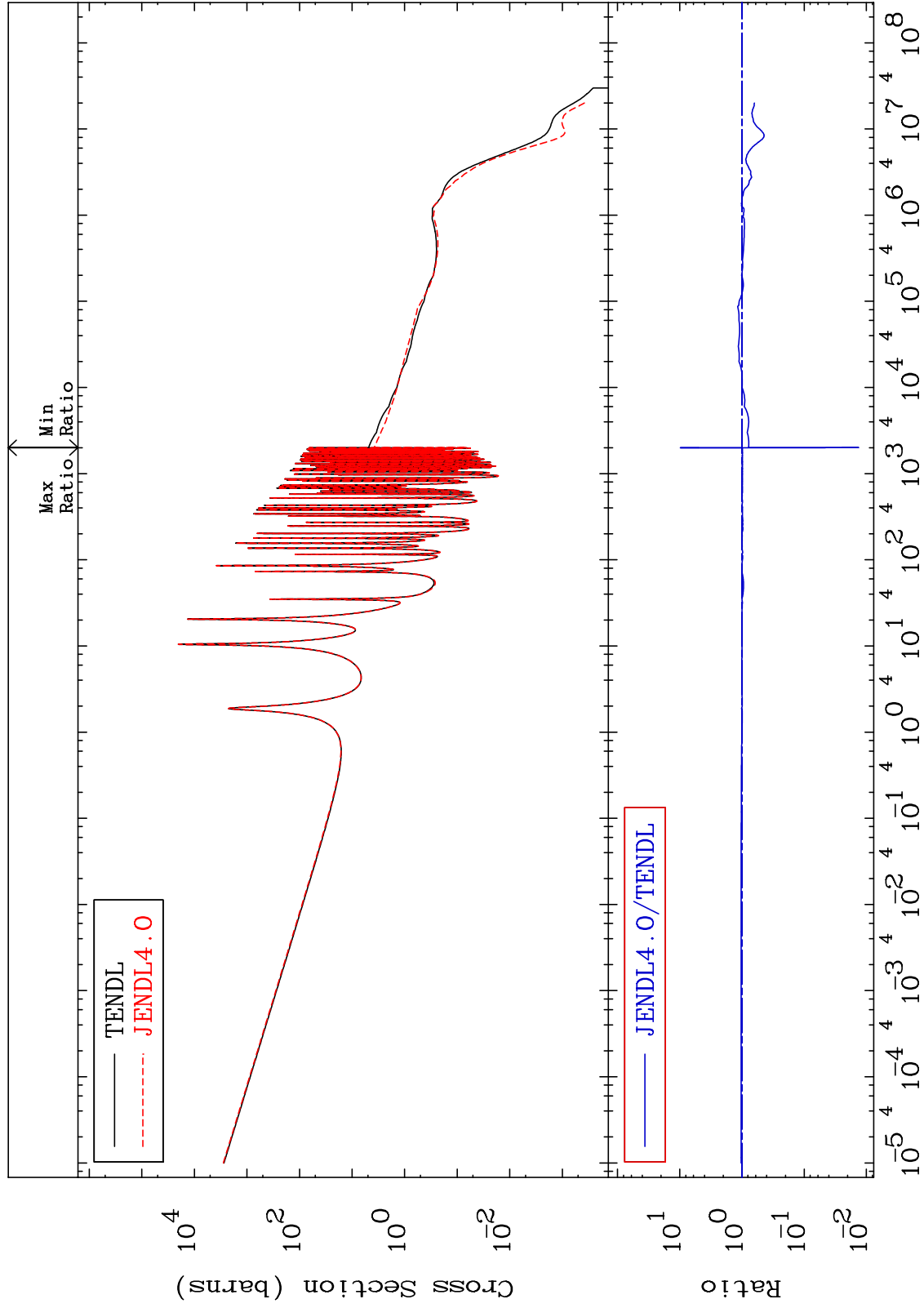
Incident Energy (eV)

40

MAT 6637

(n,  $\gamma$ )  
Cross Section

66-Dy-160  
-98.66 To 873.2 %



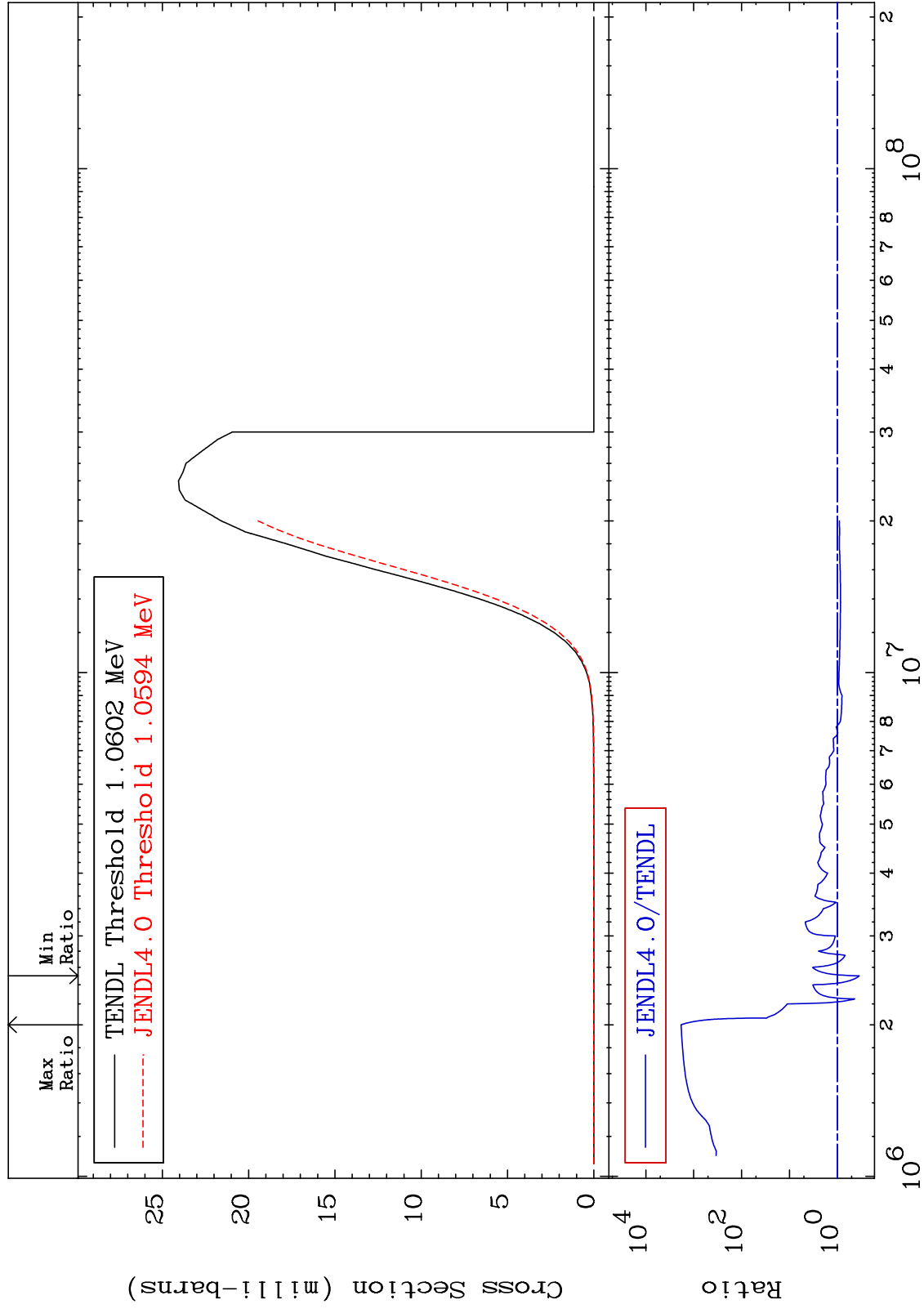
MAT 6637

(n,p)

66-Dy-160

Cross Section

-65.32 To 9999. %



Incident Energy (eV)

66-Dy-160

42

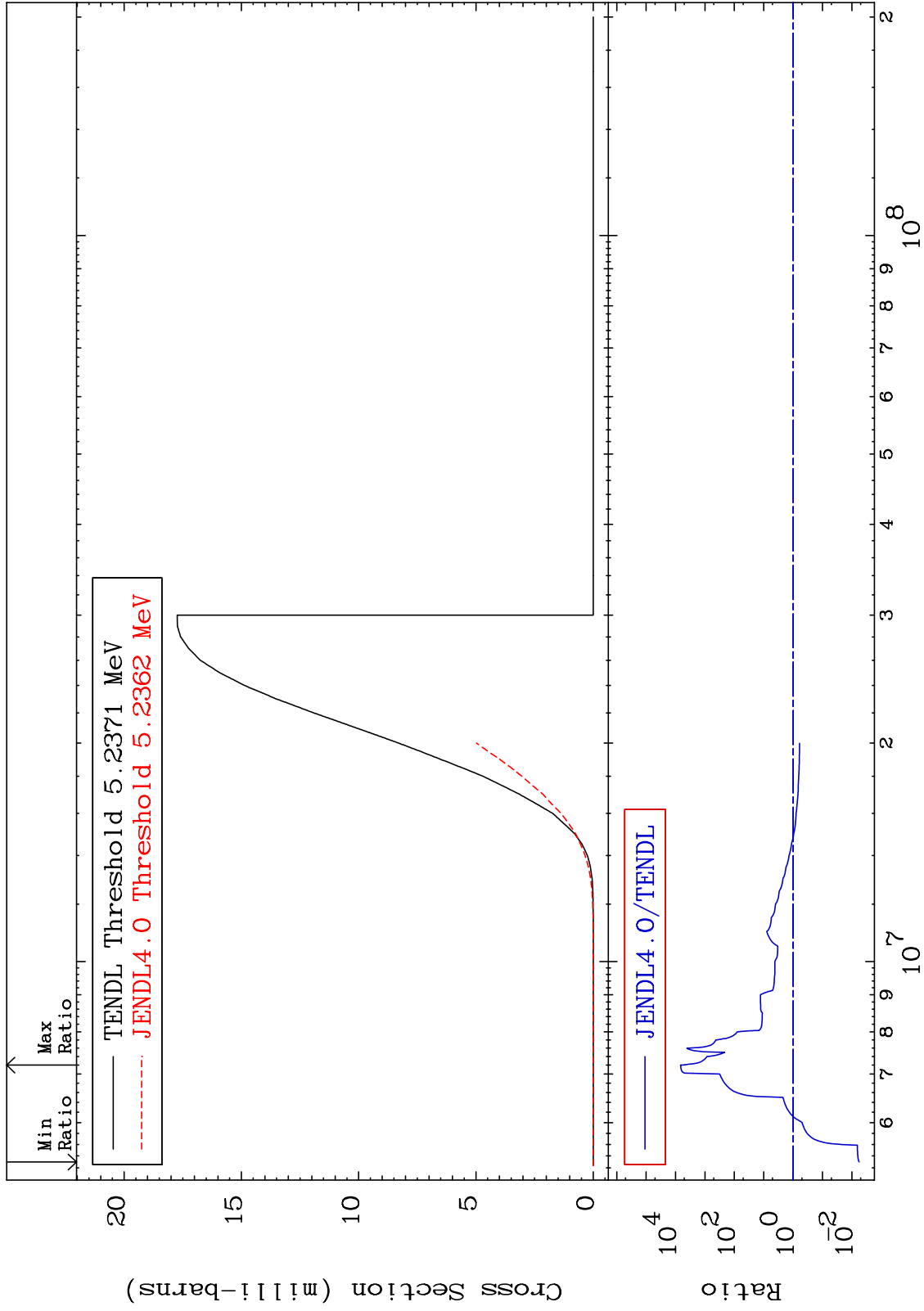
MAT 6637

(n, d)

66-Dy-160

Cross Section

-99.43 To 9999. %



43

Incident Energy (eV)

66-Dy-160

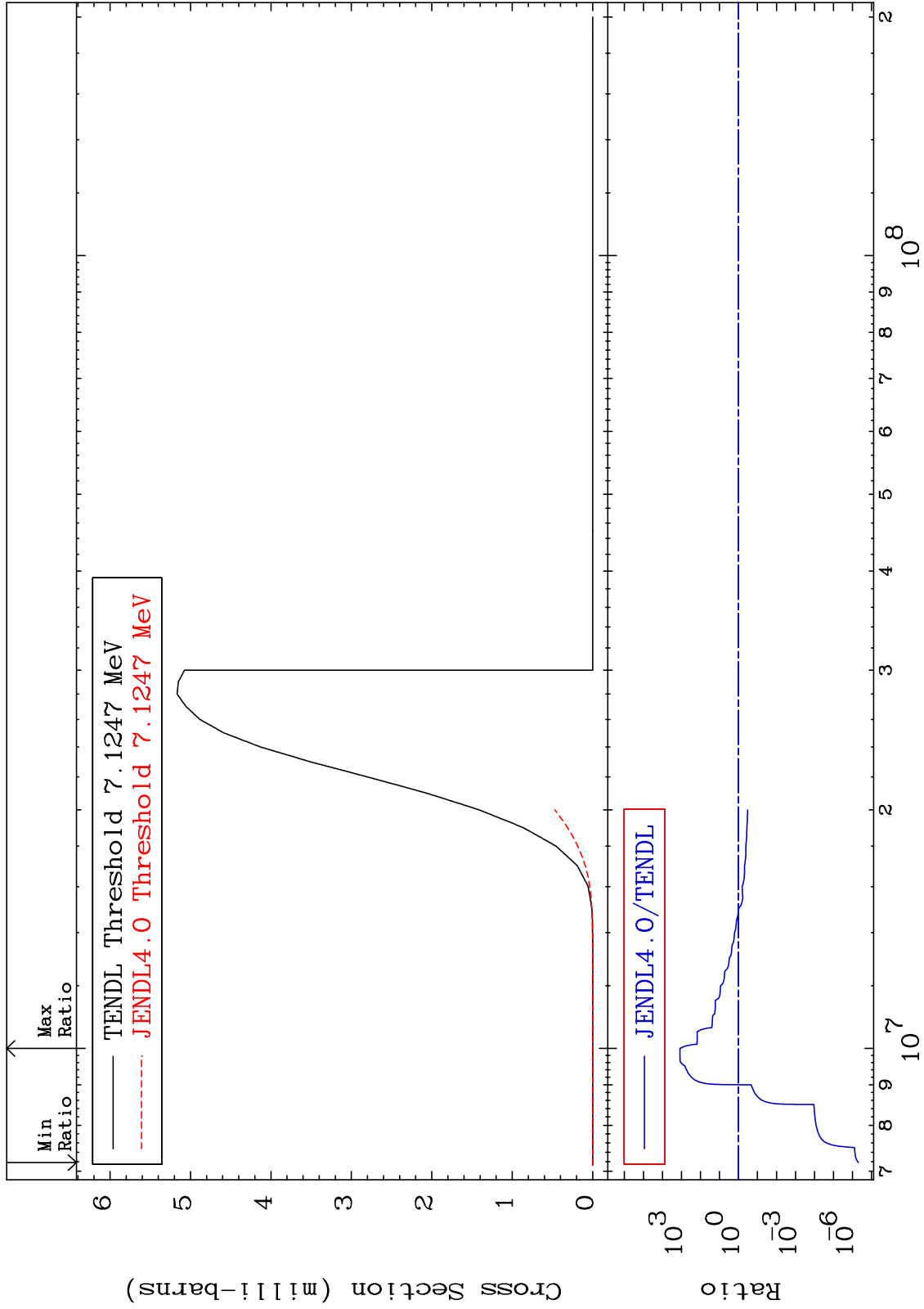
MAT 6637

(n, t)

66-Dy-160

Cross Section

-100.0 To 9999. %



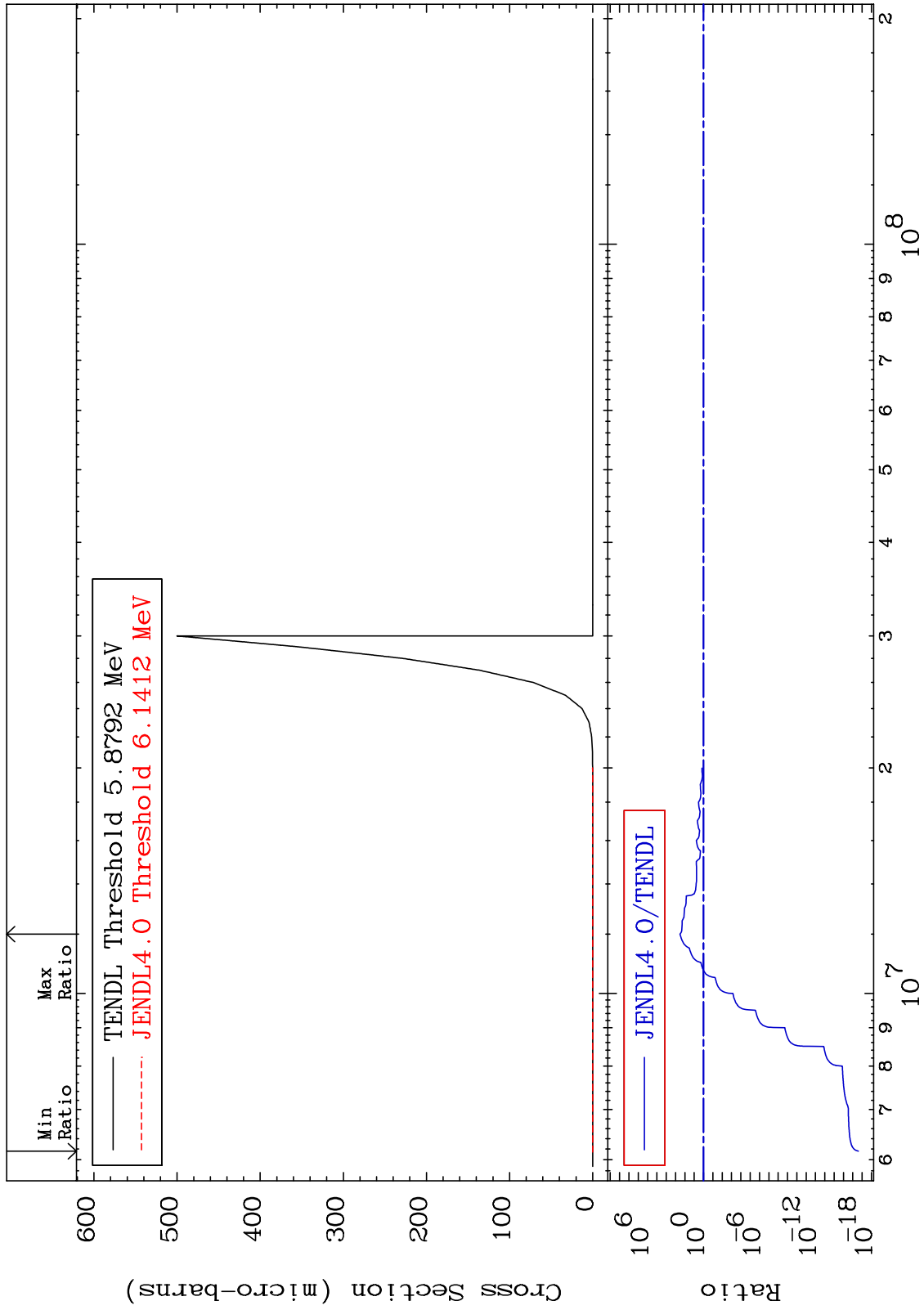
MAT 6637

(n, He-3)

66-Dy-160

Cross Section

-100.0 To 9999. %



45

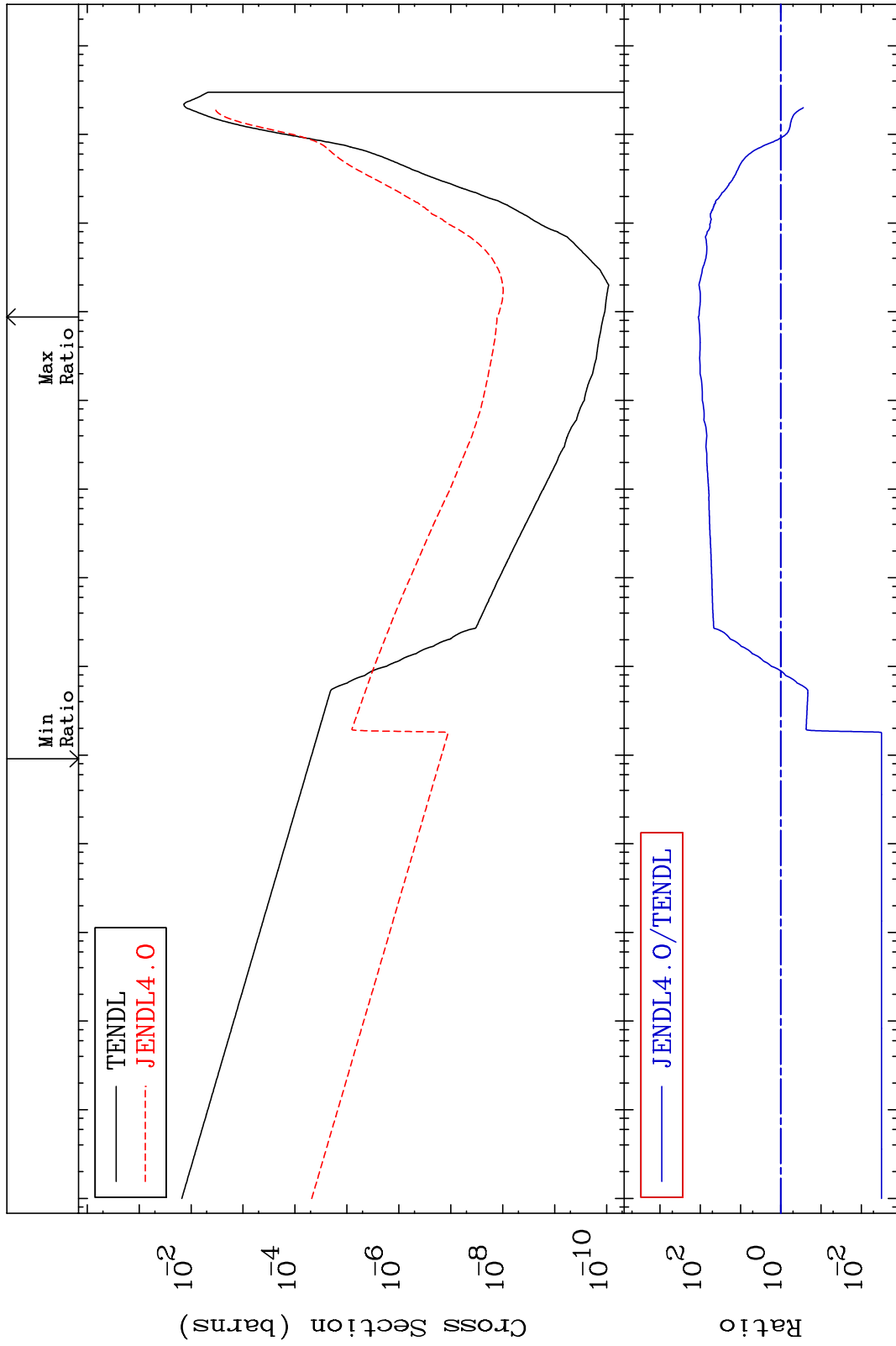
Incident Energy (eV)

66-Dy-160

MAT 6637

(n,  $\alpha$ )  
Cross Section

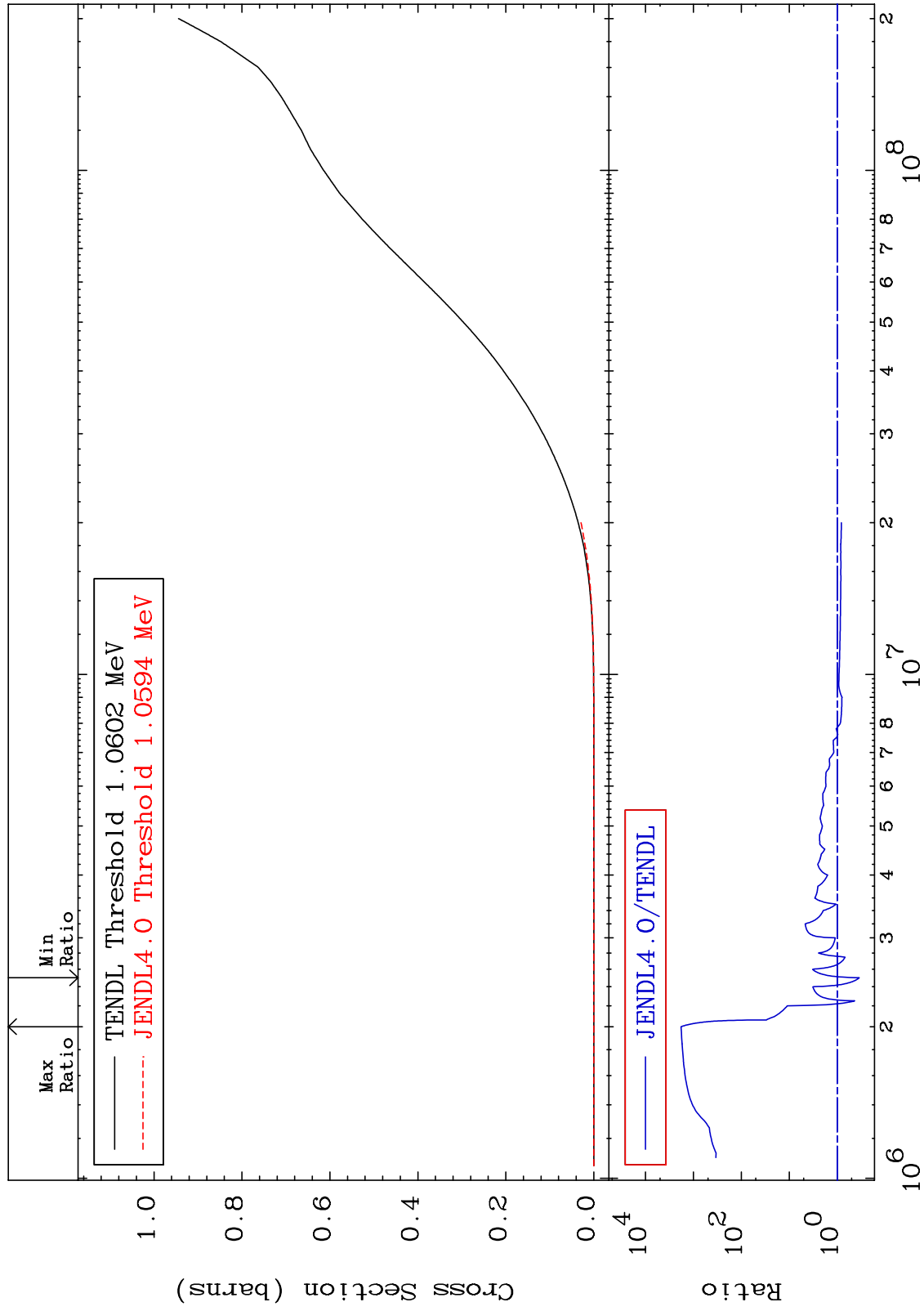
66-Dy-160  
-99.69 To 9999. %



MAT 6637

### Hydrogen Production Cross Section

66-Dy-160  
-65.32 To 9999. %



47

Incident Energy (eV)

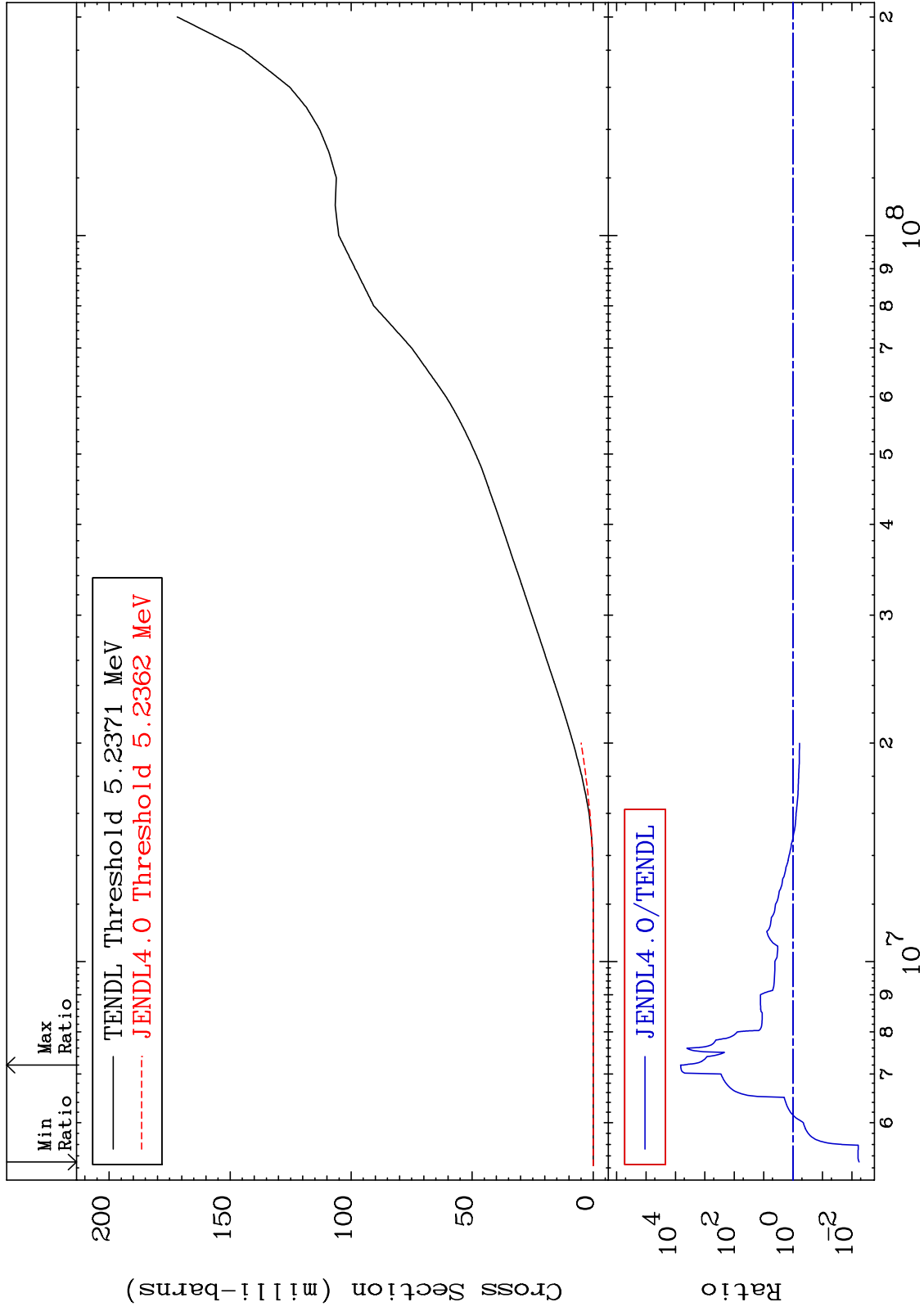
66-Dy-160



MAT 6637

Deuterium Production  
Cross Section

66-Dy-160  
-99.43 To 9999. %



48

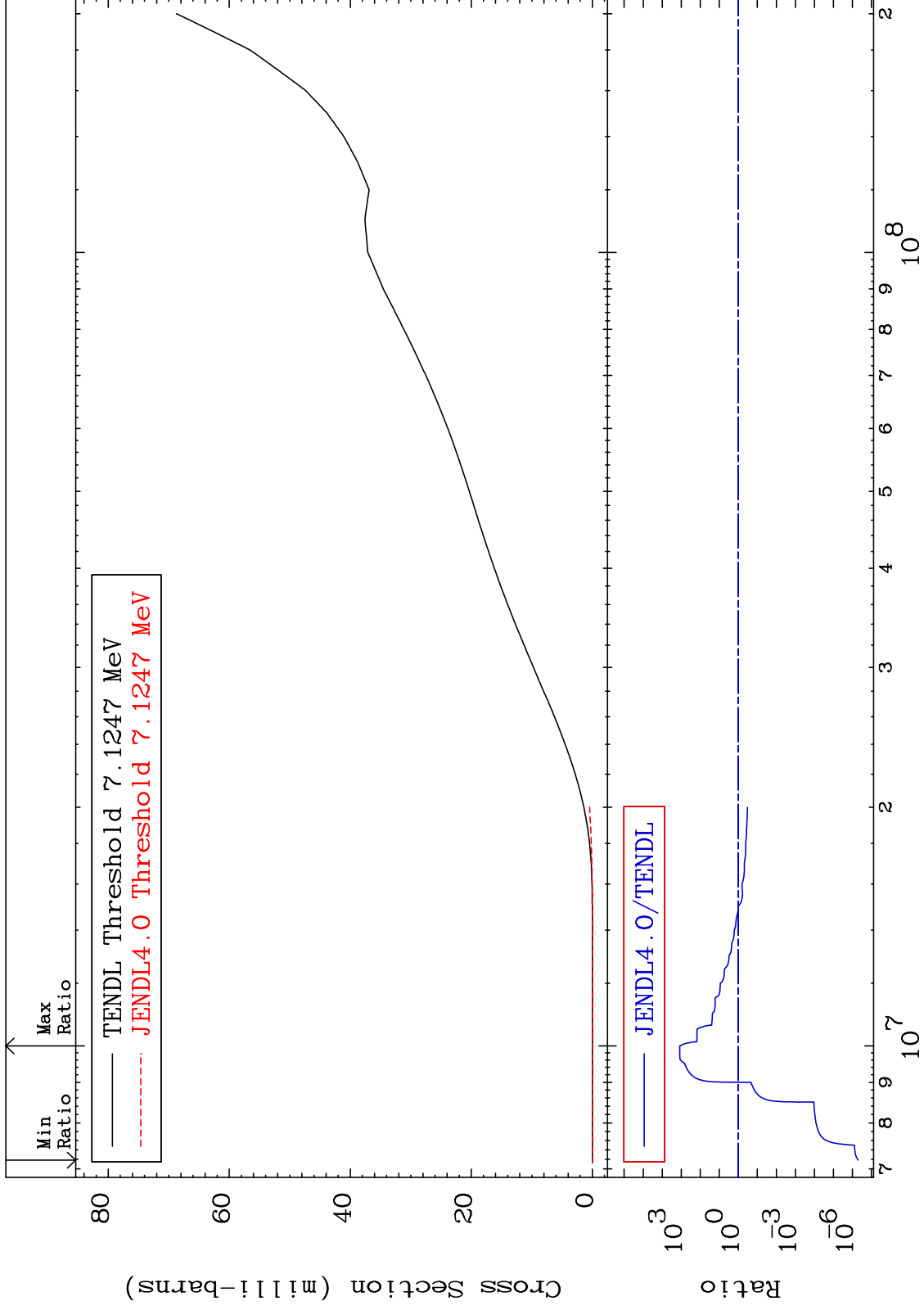
Incident Energy (eV)

66-Dy-160

MAT 6637

Tritium Production  
Cross Section

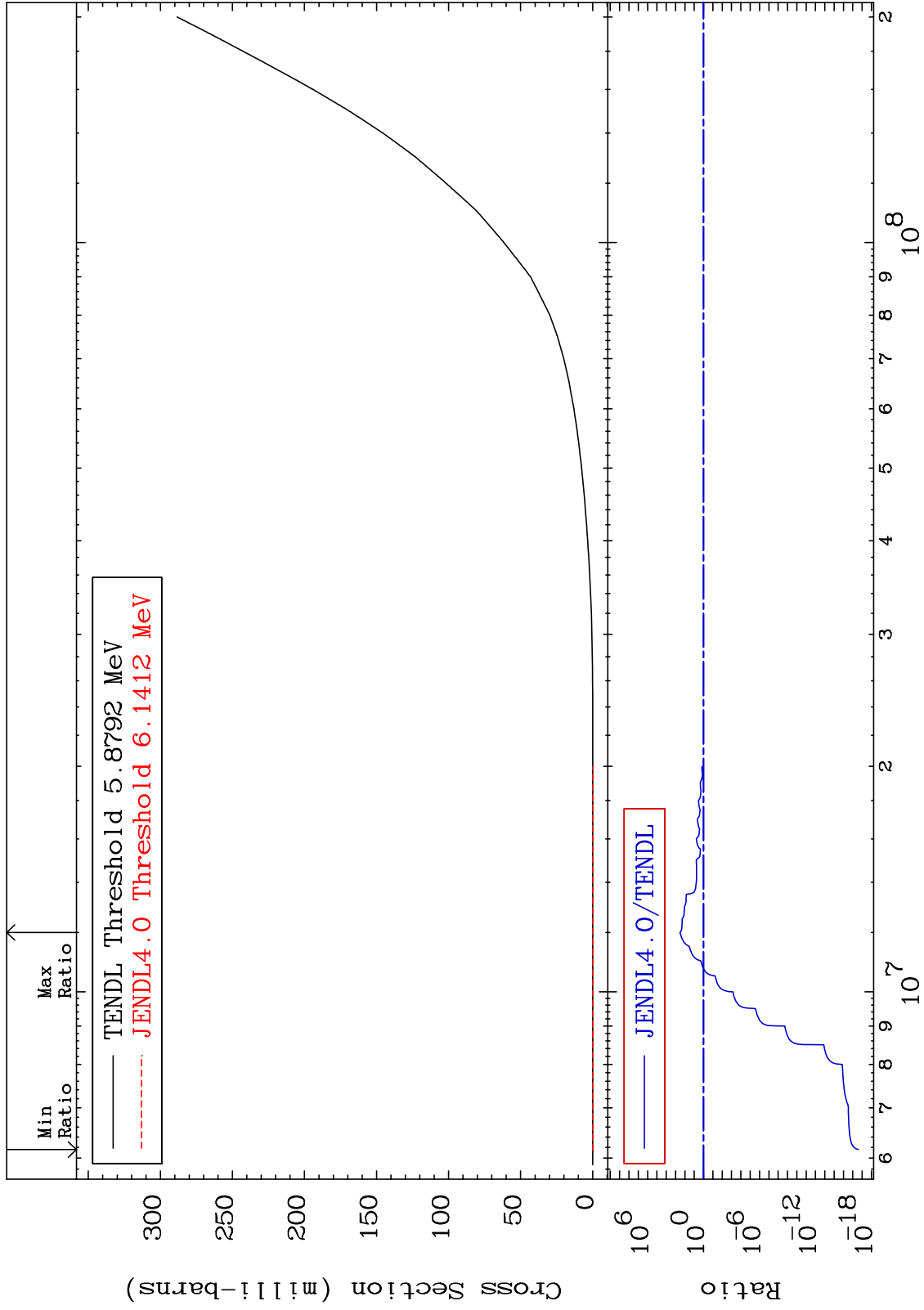
66-Dy-160  
-100.0 To 9999. %



MAT 6637

He-3 Production  
Cross Section

66-Dy-160  
-100.0 To 9999. %



50

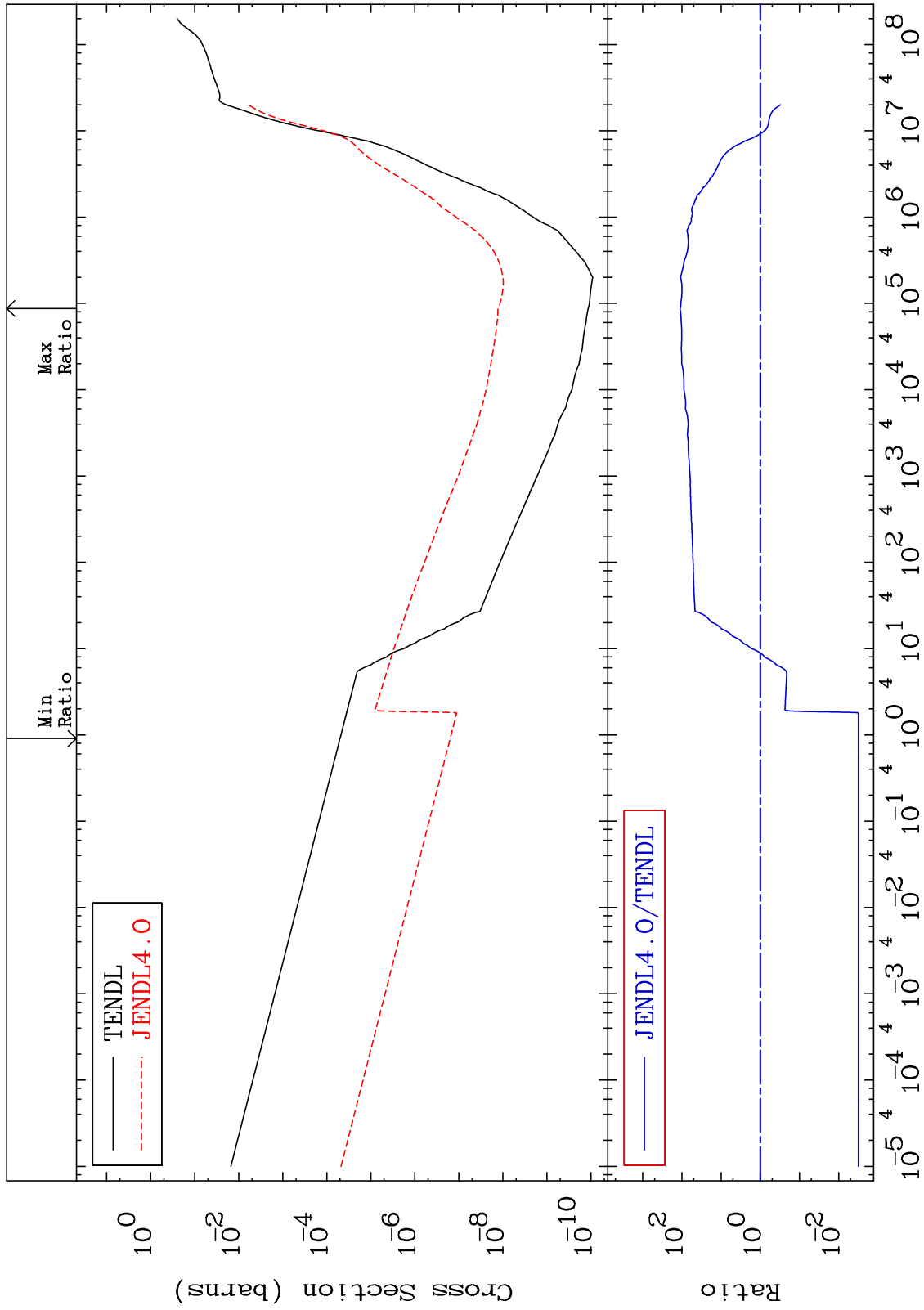
Incident Energy (eV)

66-Dy-160

MAT 6637

He-4 Production  
Cross Section

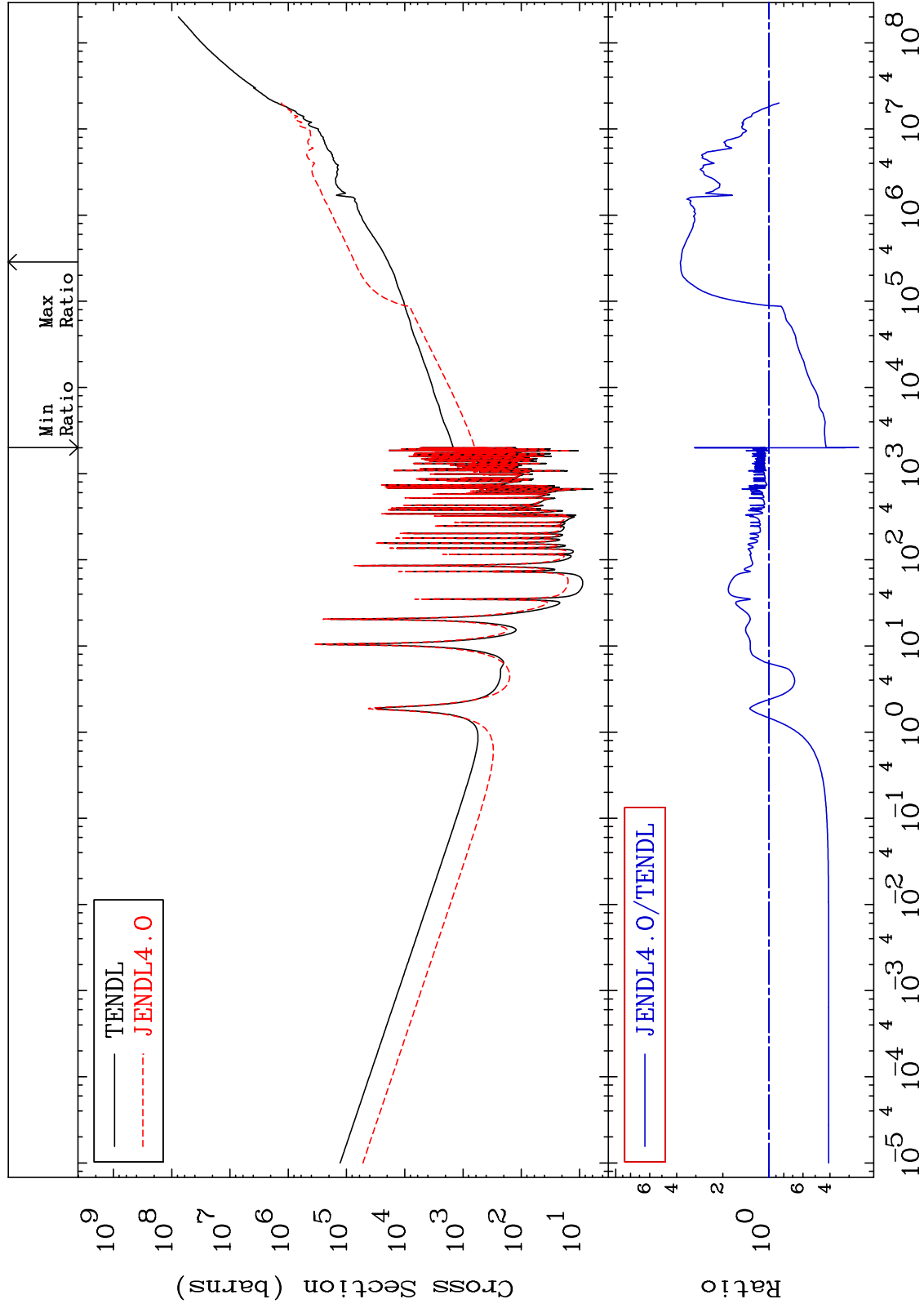
66-Dy-160  
-99.69 To 9999. %



MAT 6637

Kerma total (eV-barns)  
Cross Section

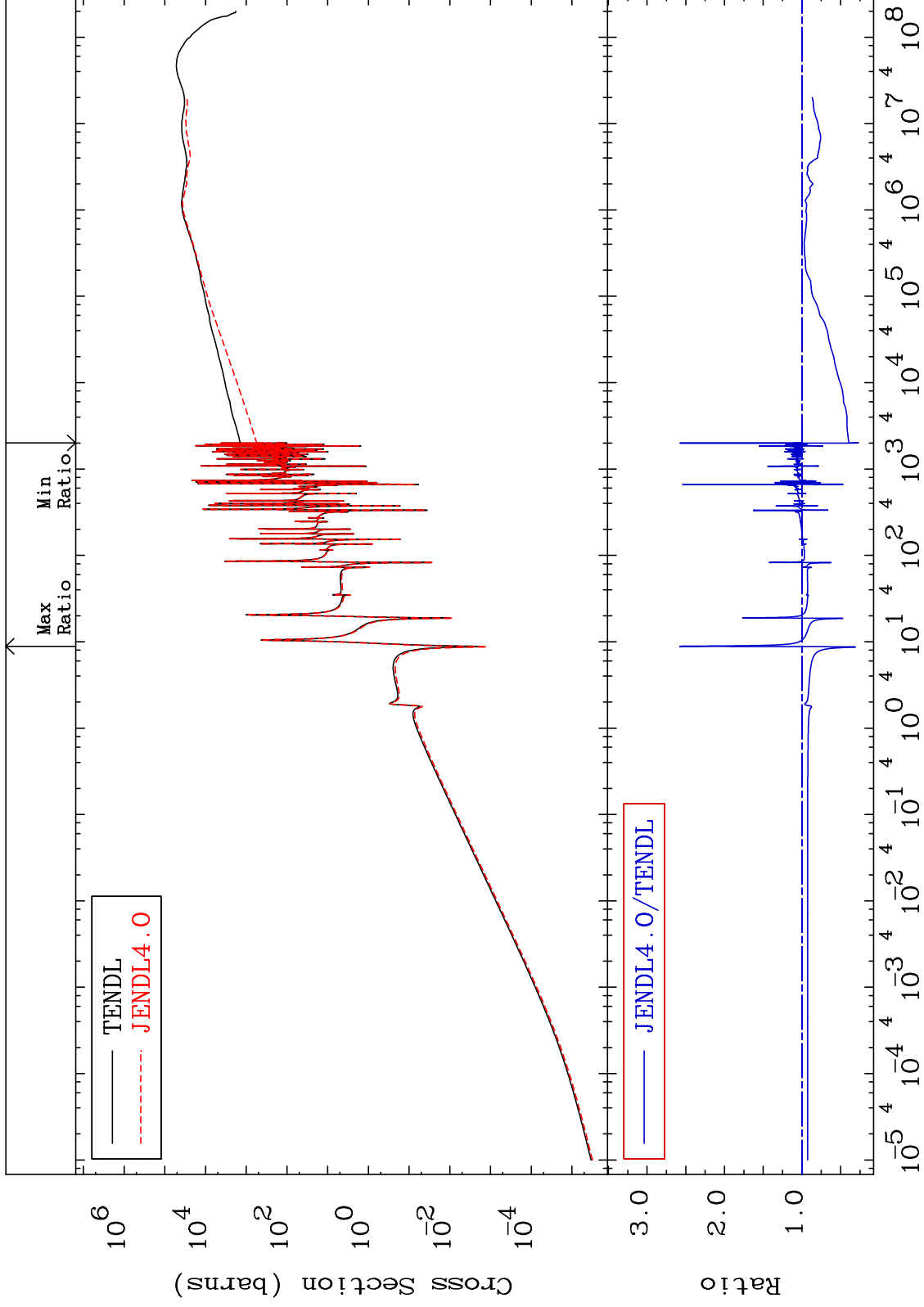
66-Dy-160  
-73.96 To 277.9 %



MAT 6637

Kerma elastic  
Cross Section

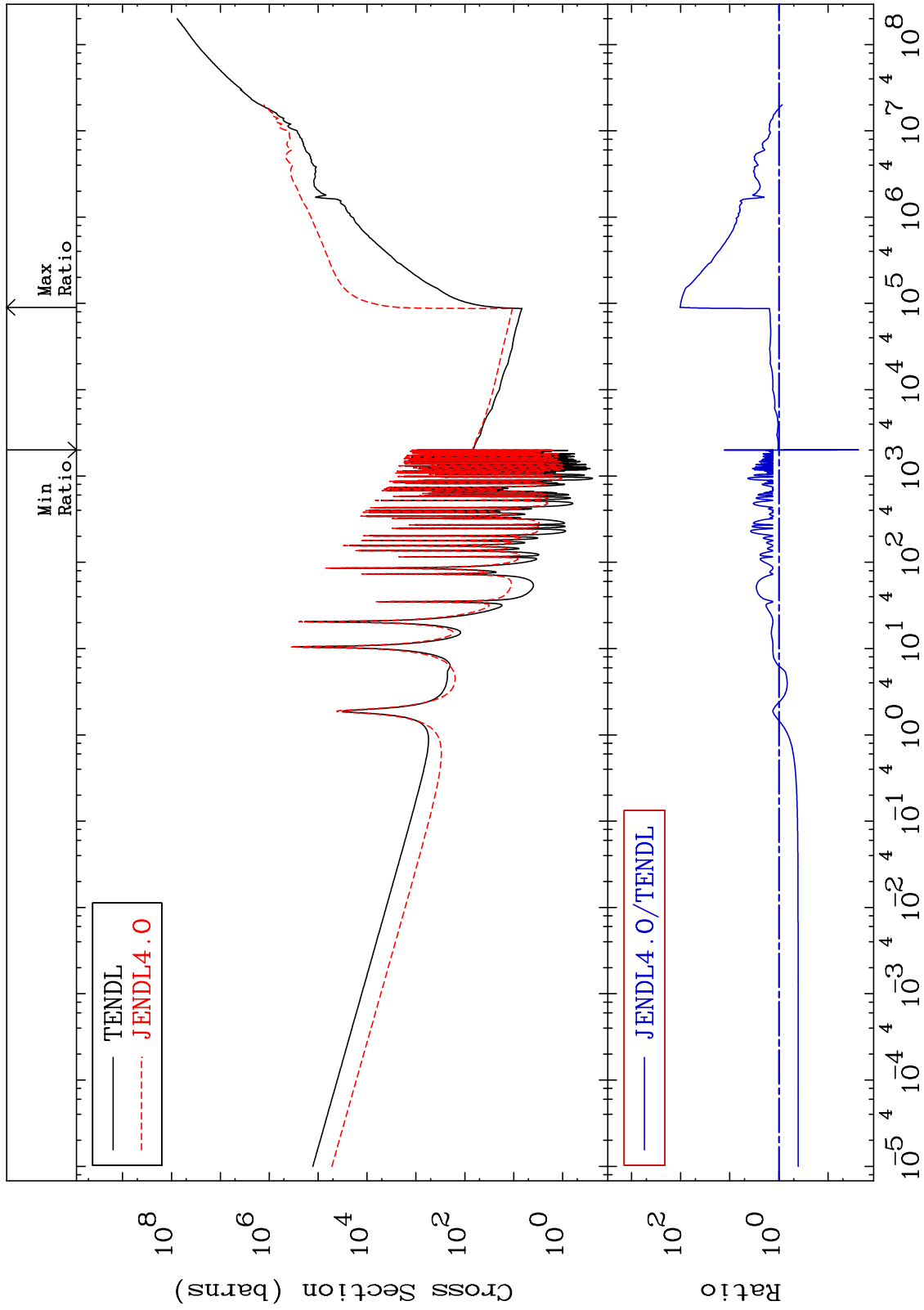
66-Dy-160  
-72.86 To 157.7 %



MAT 6637

Kerma non-elastic (all but mt2)  
Cross Section

66-Dy-160  
-97.58 To 9999. %



54

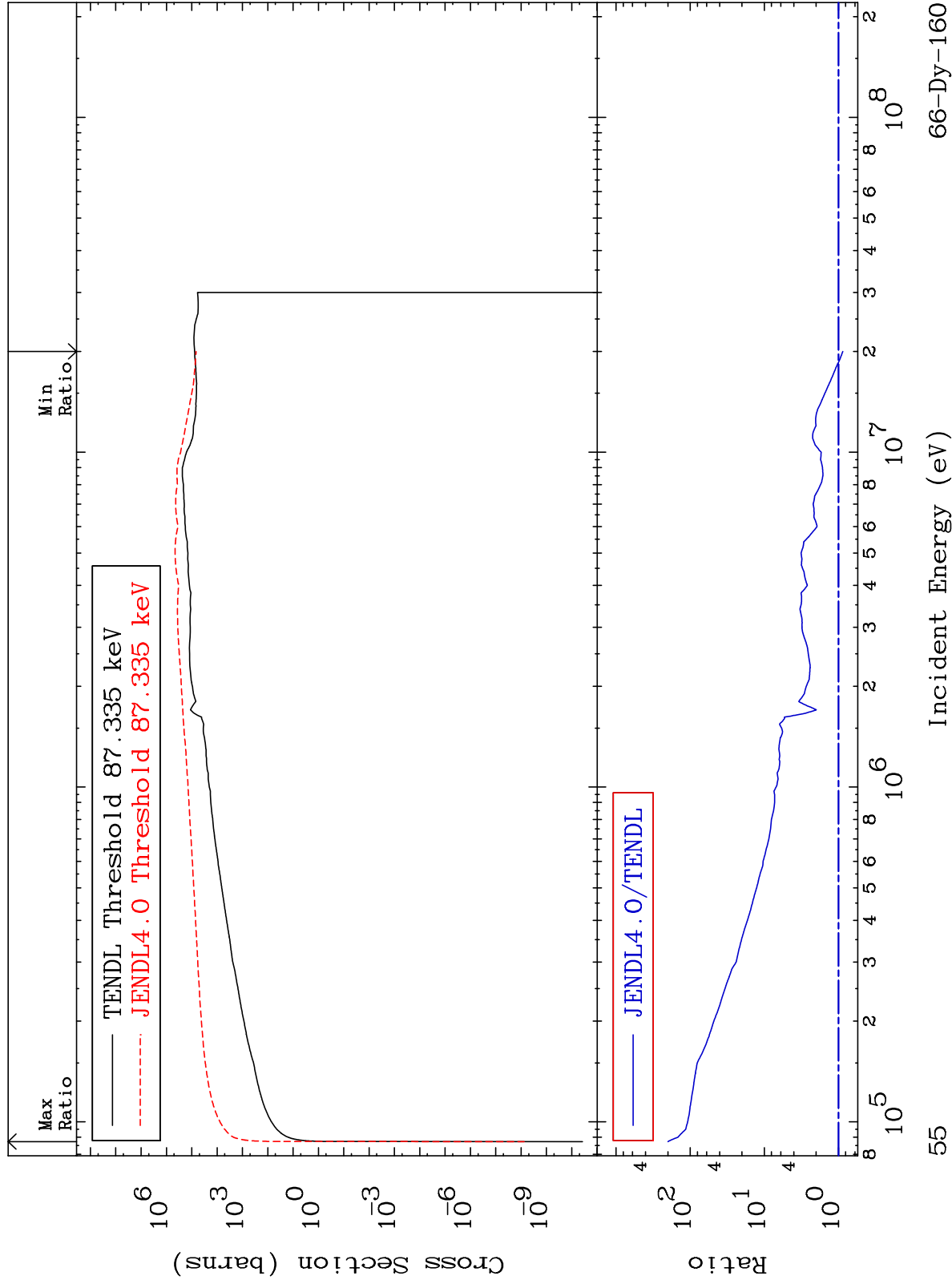
Incident Energy (eV)

66-Dy-160

MAT 6637

Kerma inelastic (mt51-91)  
Cross Section

66-Dy-160  
-12.76 To 9999. %

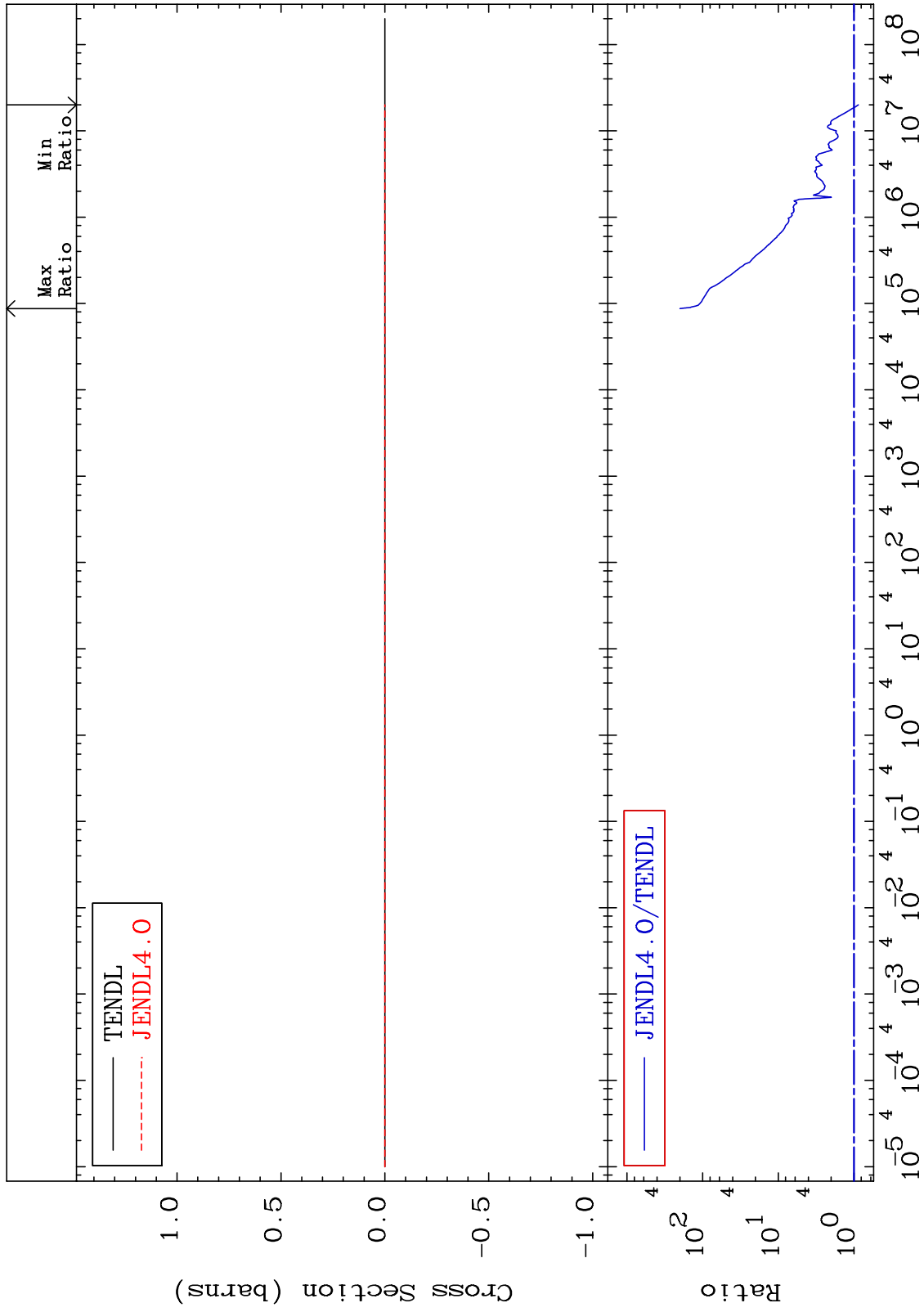




MAT 6637

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

66-Dy-160  
-12.76 To 9999. %



56

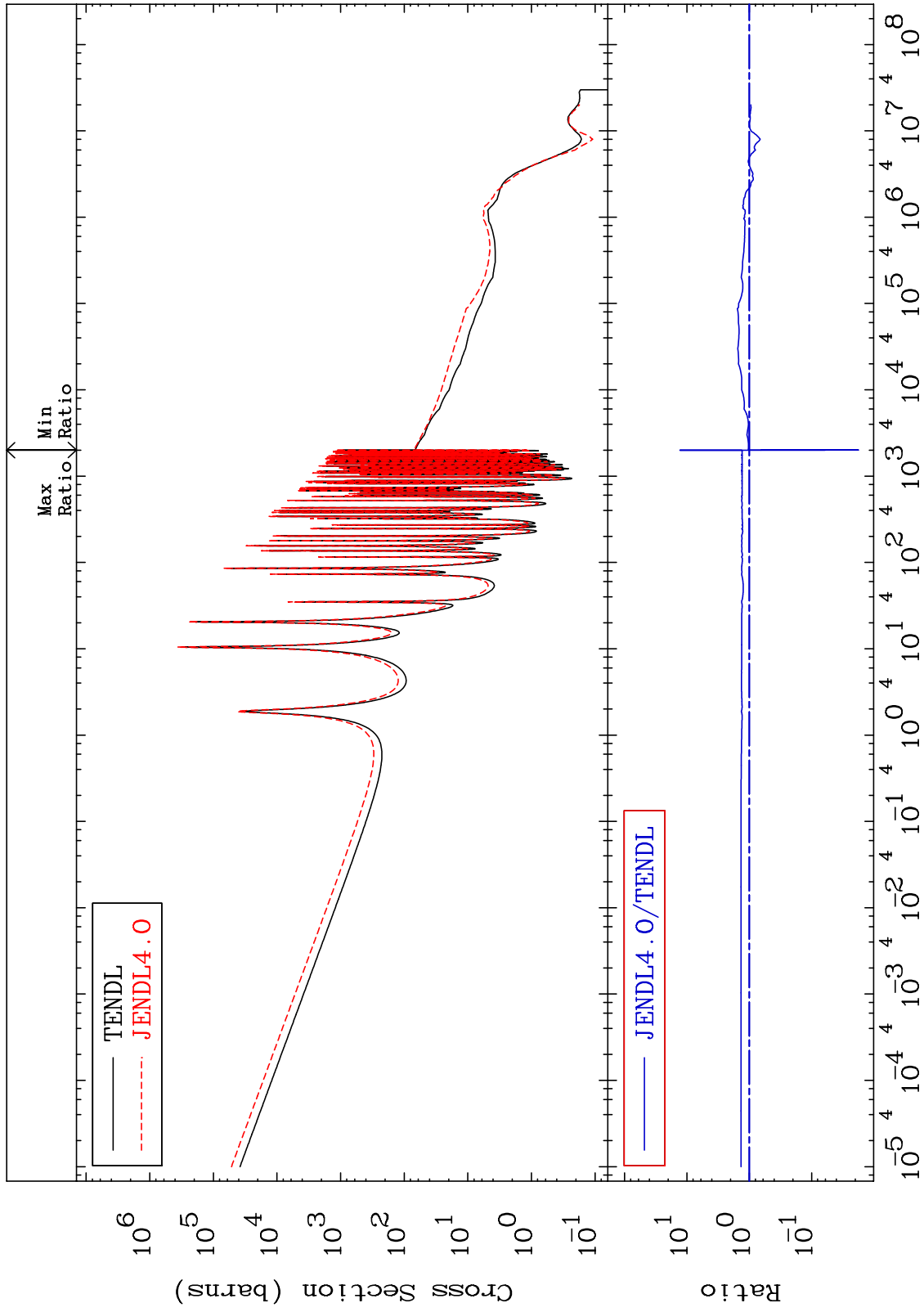
Incident Energy (eV)

66-Dy-160

MAT 6637

Kerma capture (mt102)  
Cross Section

66-Dy-160  
-98.22 To 1192. %



57

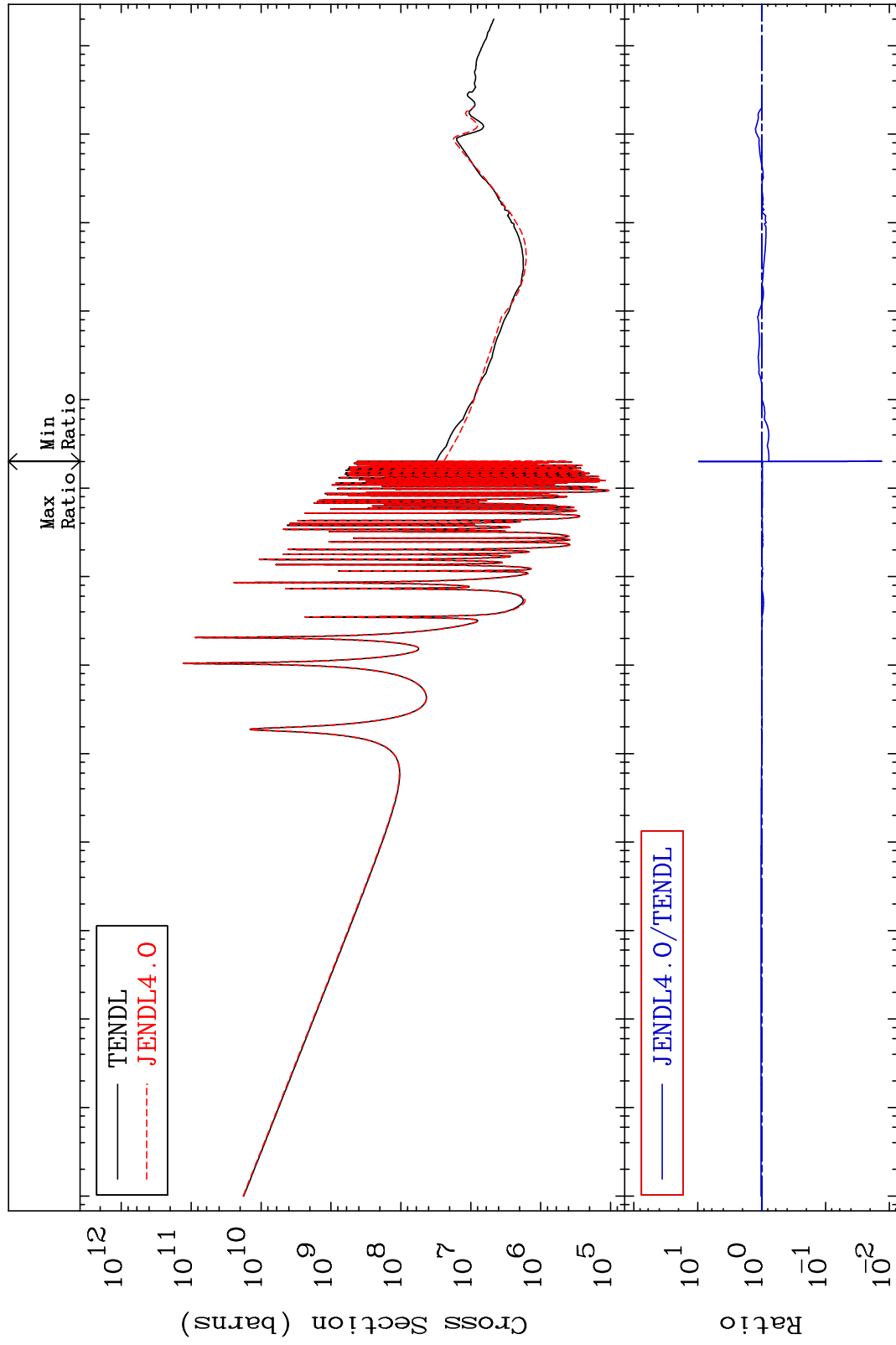
Incident Energy (eV)

66-Dy-160

MAT 6637

Total photon (eV-barns)  
Cross Section

66-Dy-160  
-98.67 To 865.7 %



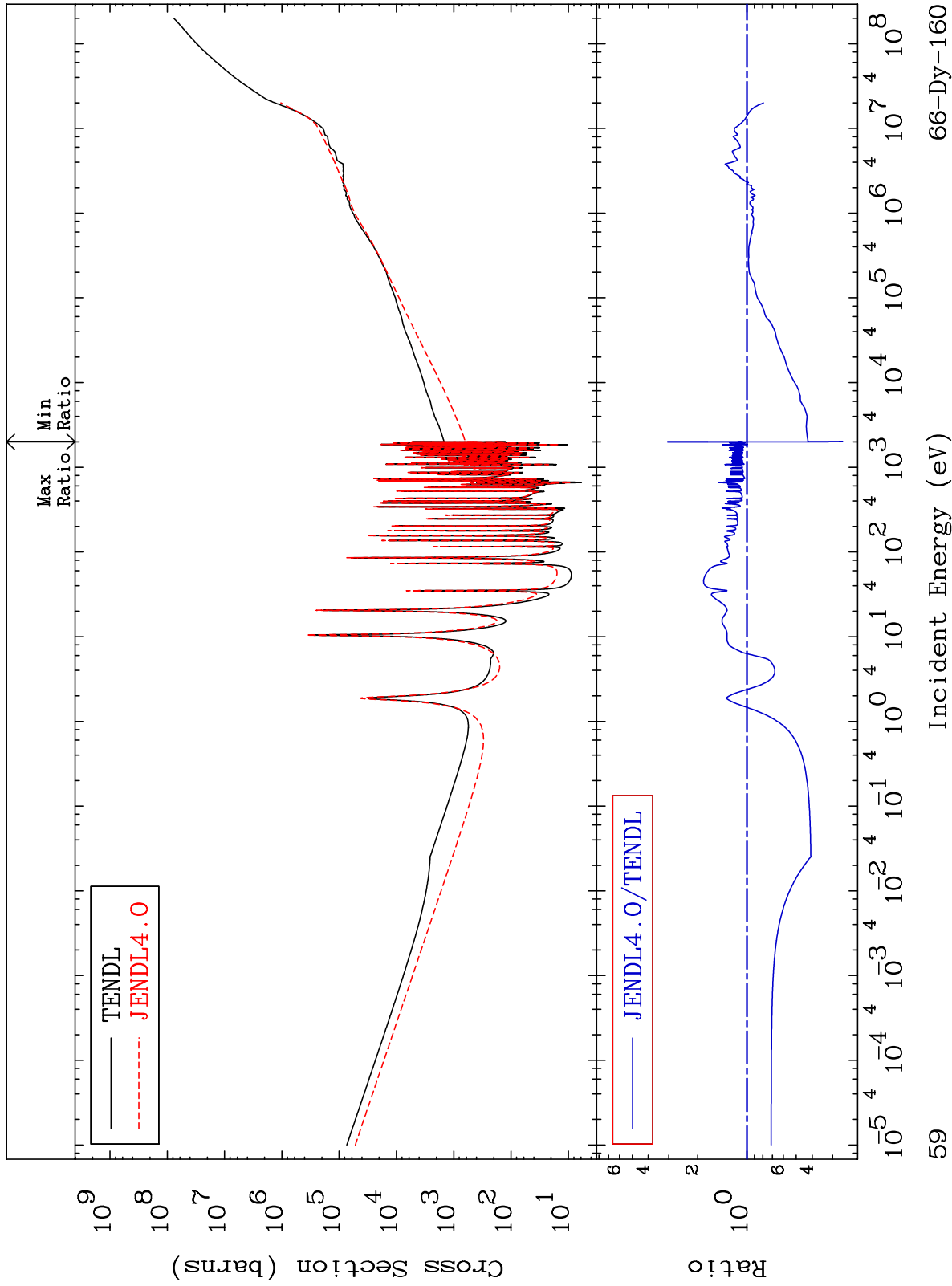
Incident Energy (eV)

66-Dy-160

MAT 6637

Total kinematic kerma (high limit)  
Cross Section

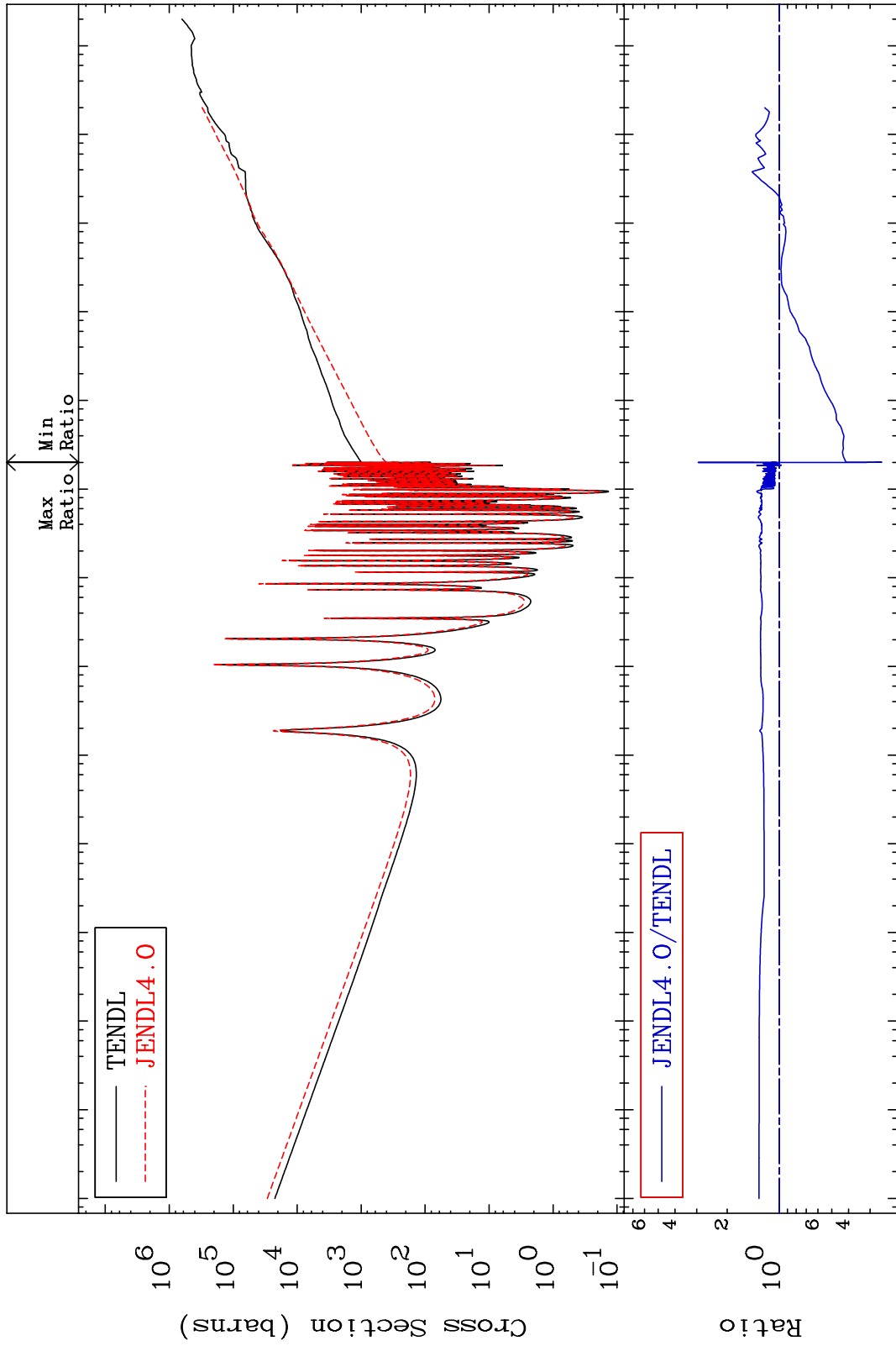
66-Dy-160  
-73.96 To 205.2 %



MAT 6637

Dpa total (eV-barns)  
Cross Section

66-Dy-160  
-74.22 To 193.5 %



60

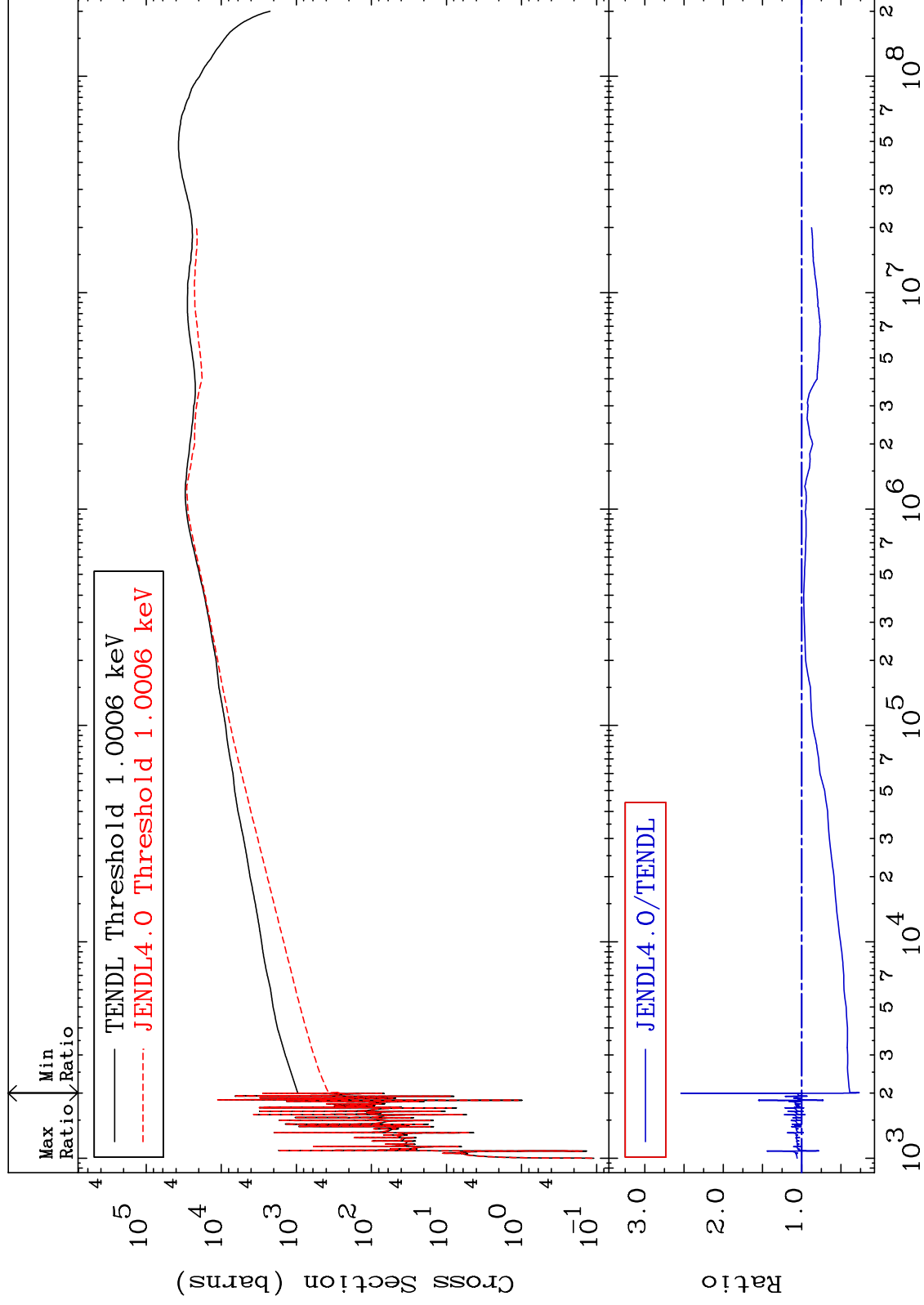
Incident Energy (eV)

66-Dy-160

MAT 6637

Dpa elastic (mt2)  
Cross Section

66-Dy-160  
-73.26 To 153.9 %



61

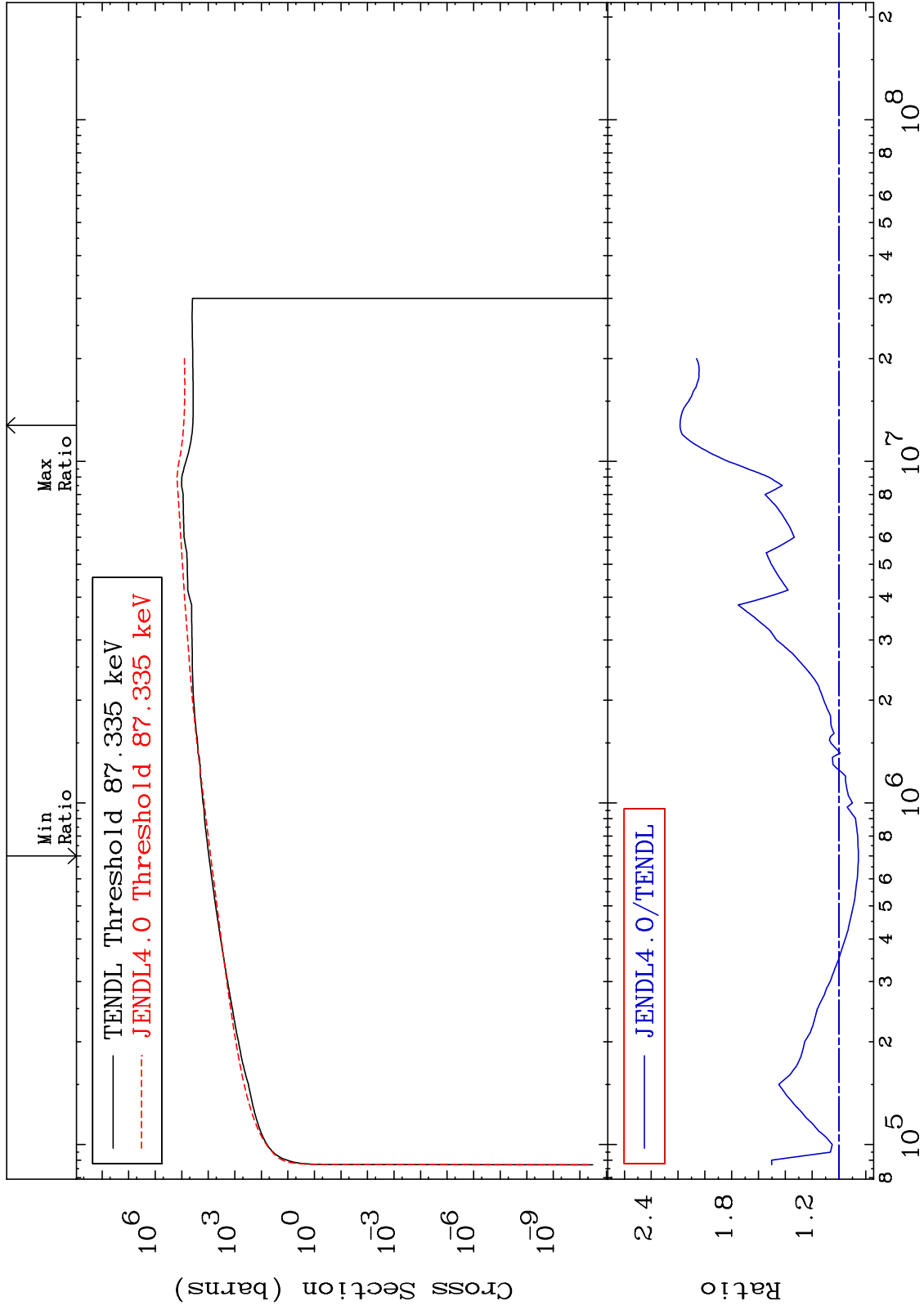
Incident Energy (eV)

66-Dy-160

MAT 6637

Dpa inelastic (mt51-91)  
Cross Section

66-Dy-160  
-14.45 To 118.6 %



62

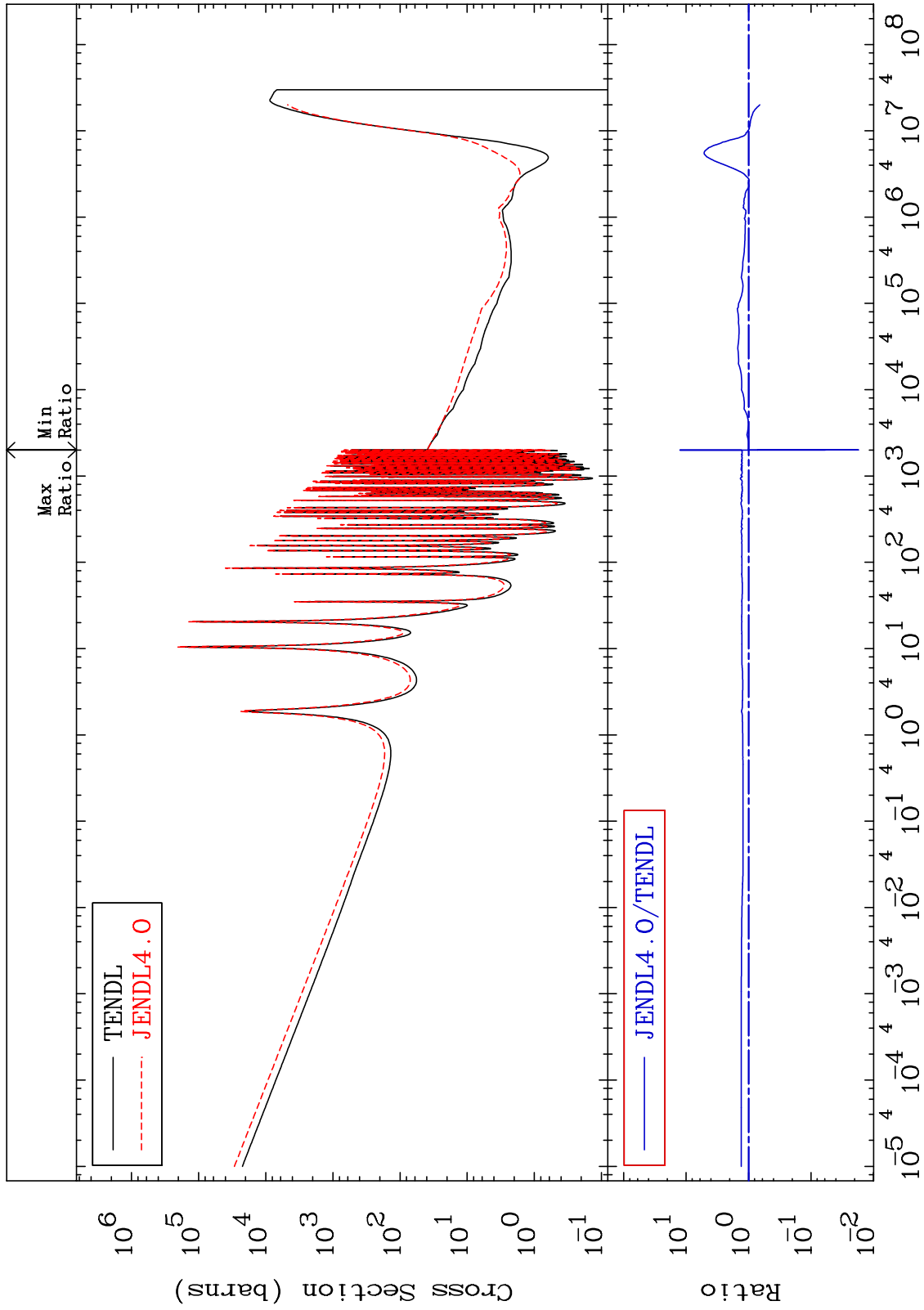
Incident Energy (eV)

66-Dy-160

MAT 6637

Dpa disappearance (mt102 -120)  
Cross Section

66-Dy-160  
-98.26 To 1153. %



63

Incident Energy (eV)

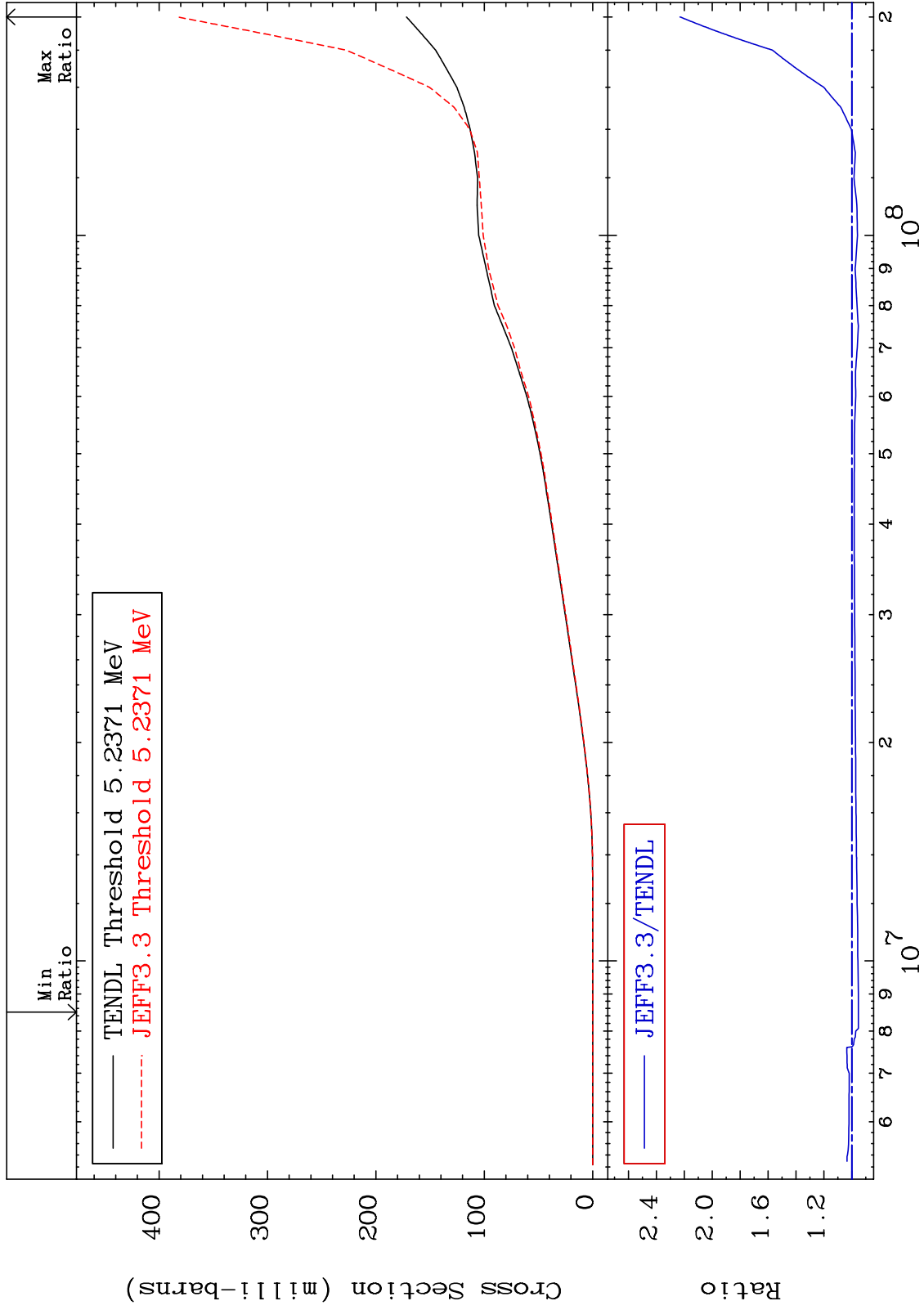
66-Dy-160



MAT 6637

Deuterium Production  
Cross Section

66-Dy-160  
-4.664 To 123.1 %



64

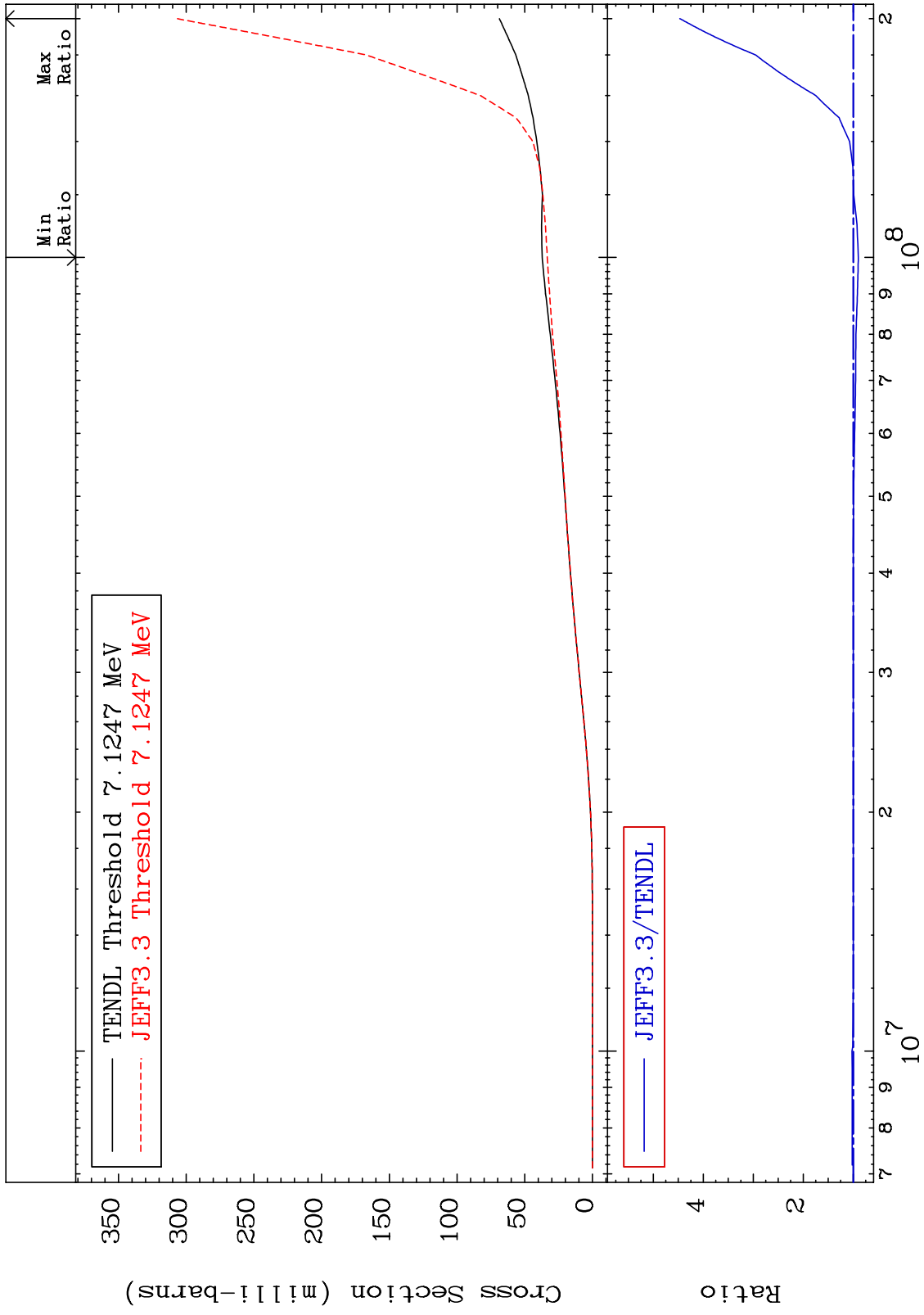
Incident Energy (eV)

66-Dy-160

MAT 6637

Tritium Production  
Cross Section

66-Dy-160  
-10.31 To 347.0 %



65

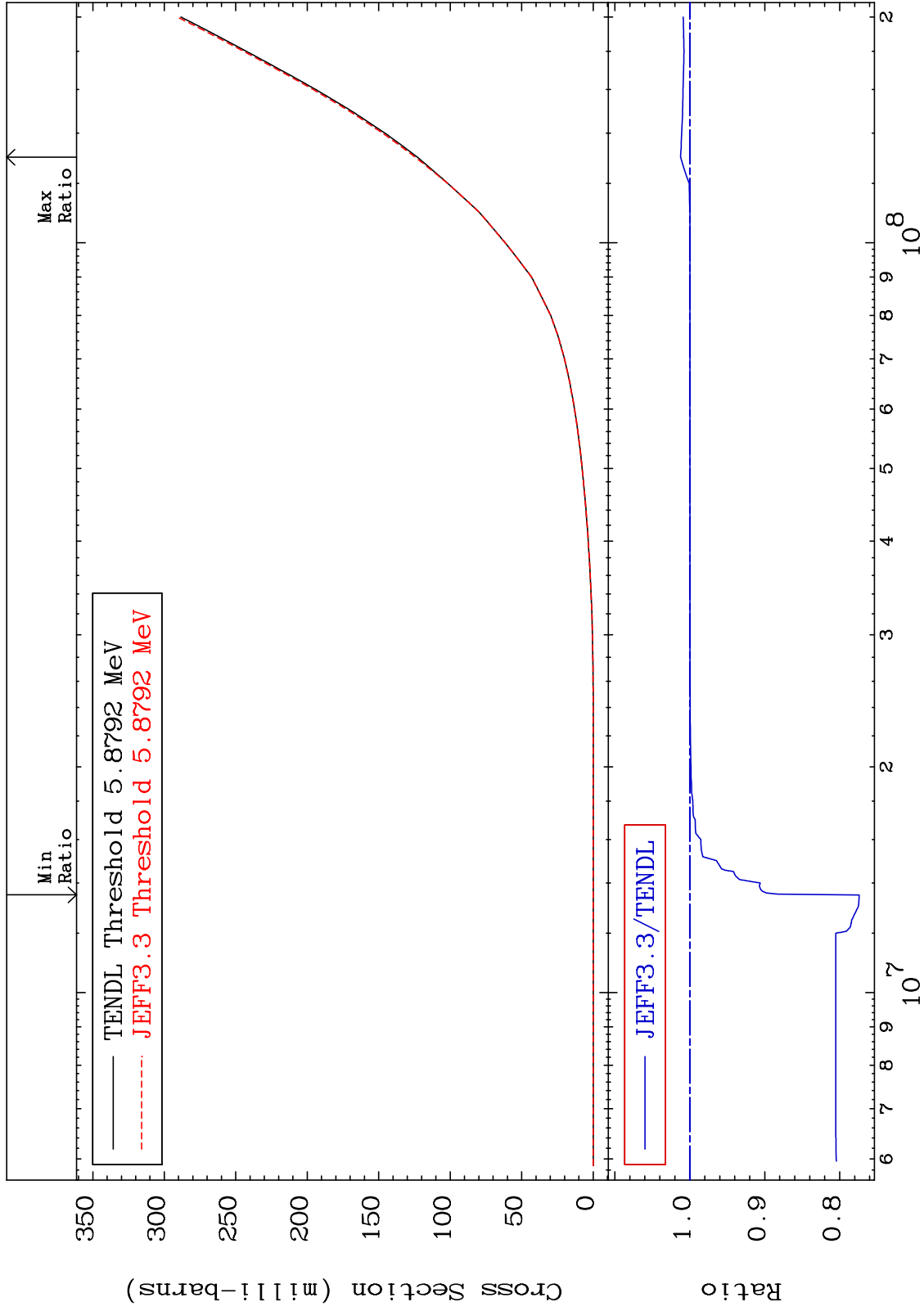
Incident Energy (eV)

66-Dy-160

MAT 6637

He-3 Production  
Cross Section

66-Dy-160  
-22.60 To 1.223 %



66

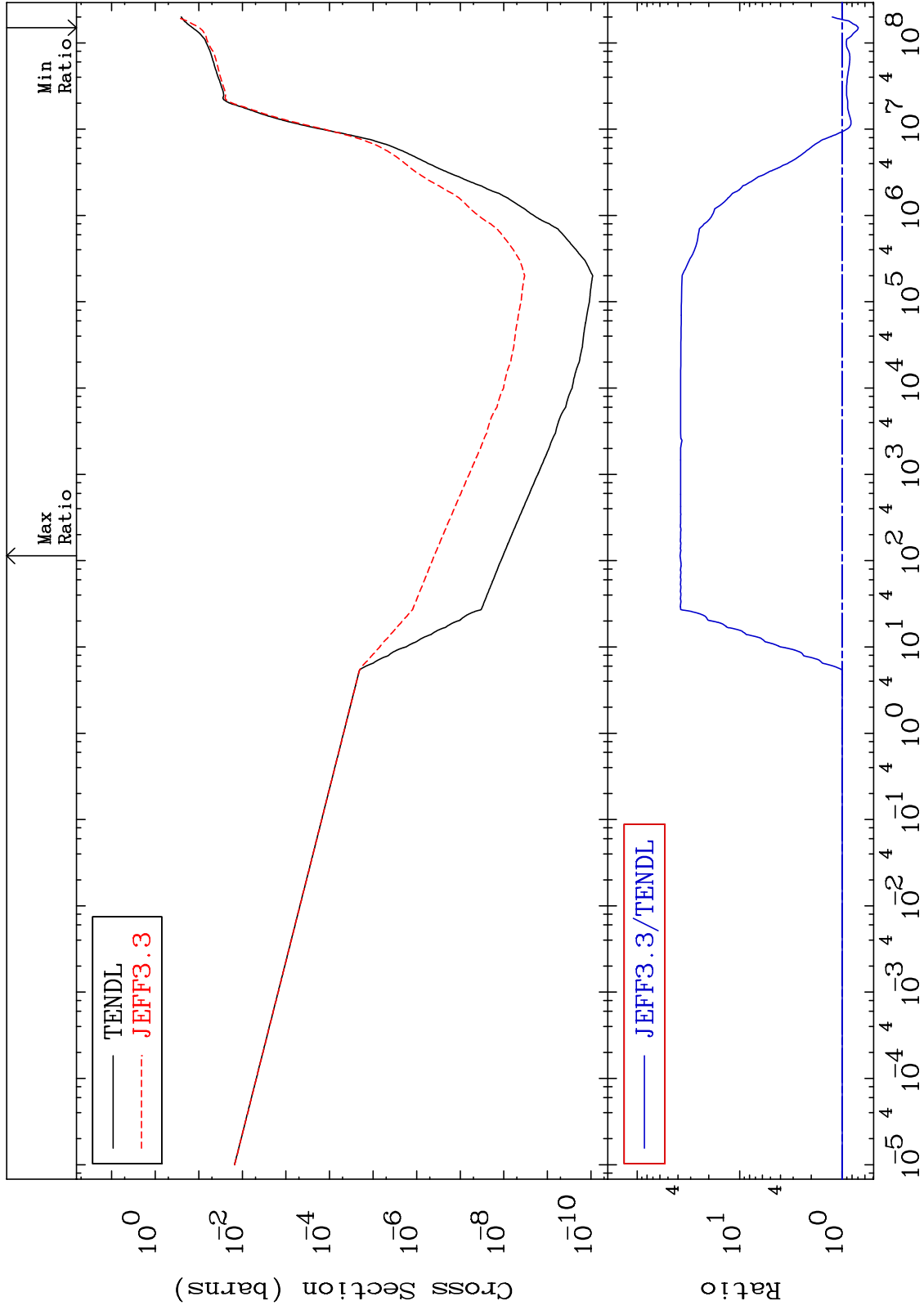
Incident Energy (eV)

66-Dy-160

MAT 6637

He-4 Production  
Cross Section

66-Dy-160  
-30.66 To 3715. %



67

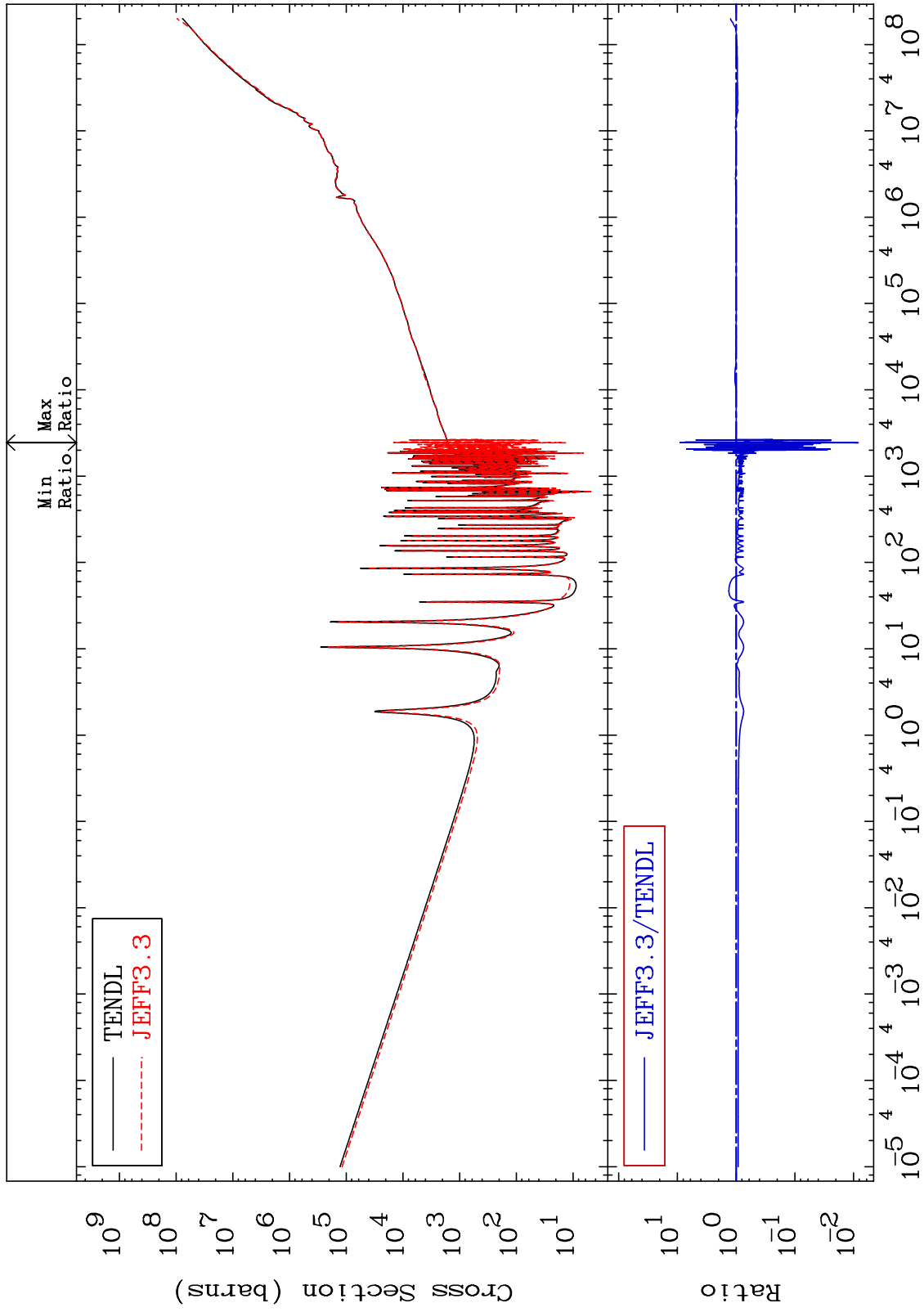
Incident Energy (eV)

66-Dy-160

MAT 6637

Kerma total (eV-barns)  
Cross Section

66-Dy-160  
-99.17 To 803.5 %



68

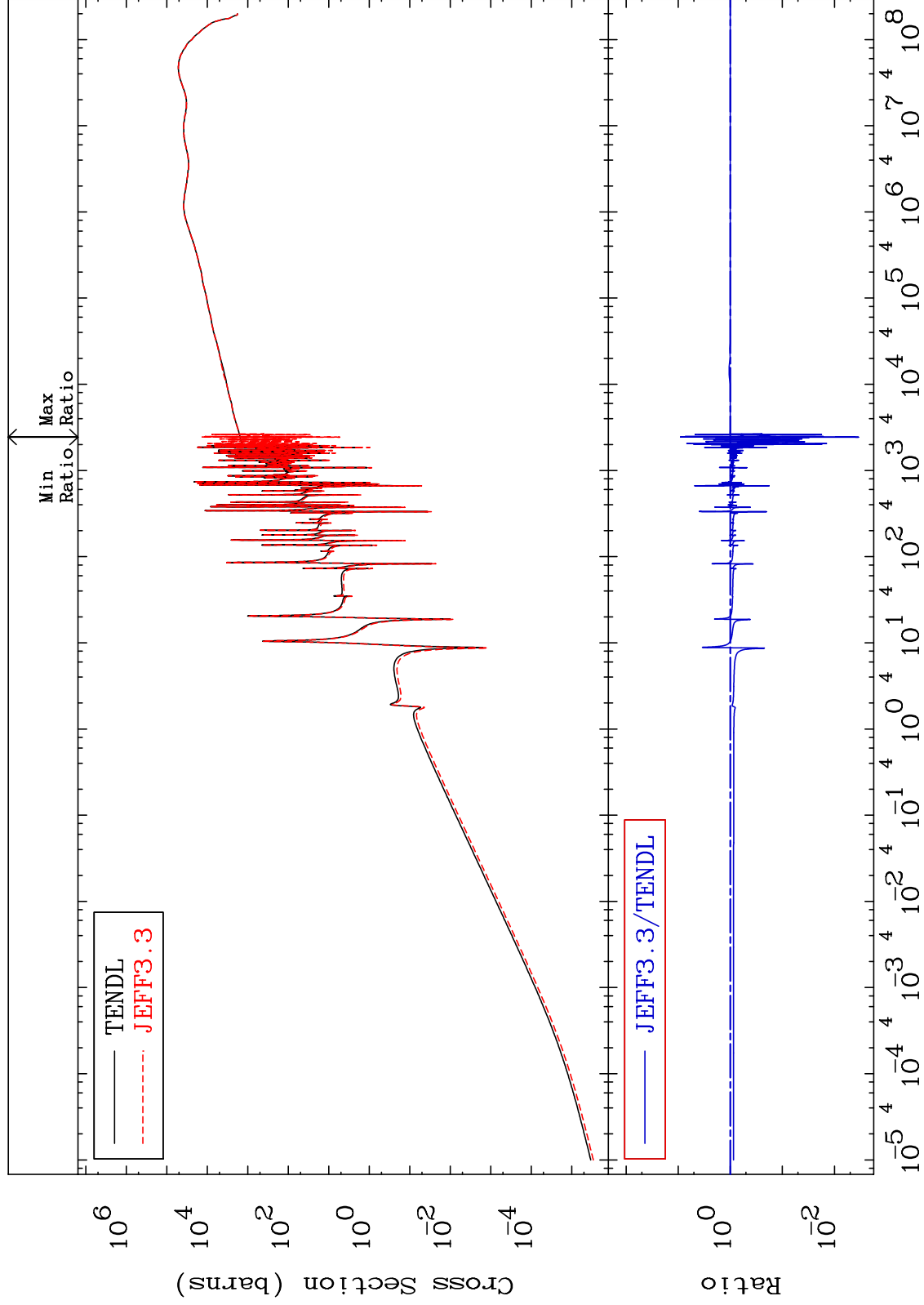
Incident Energy (eV)

66-Dy-160

MAT 6637

Kerma elastic  
Cross Section

66-Dy-160  
-99.66 To 806.3 %



69

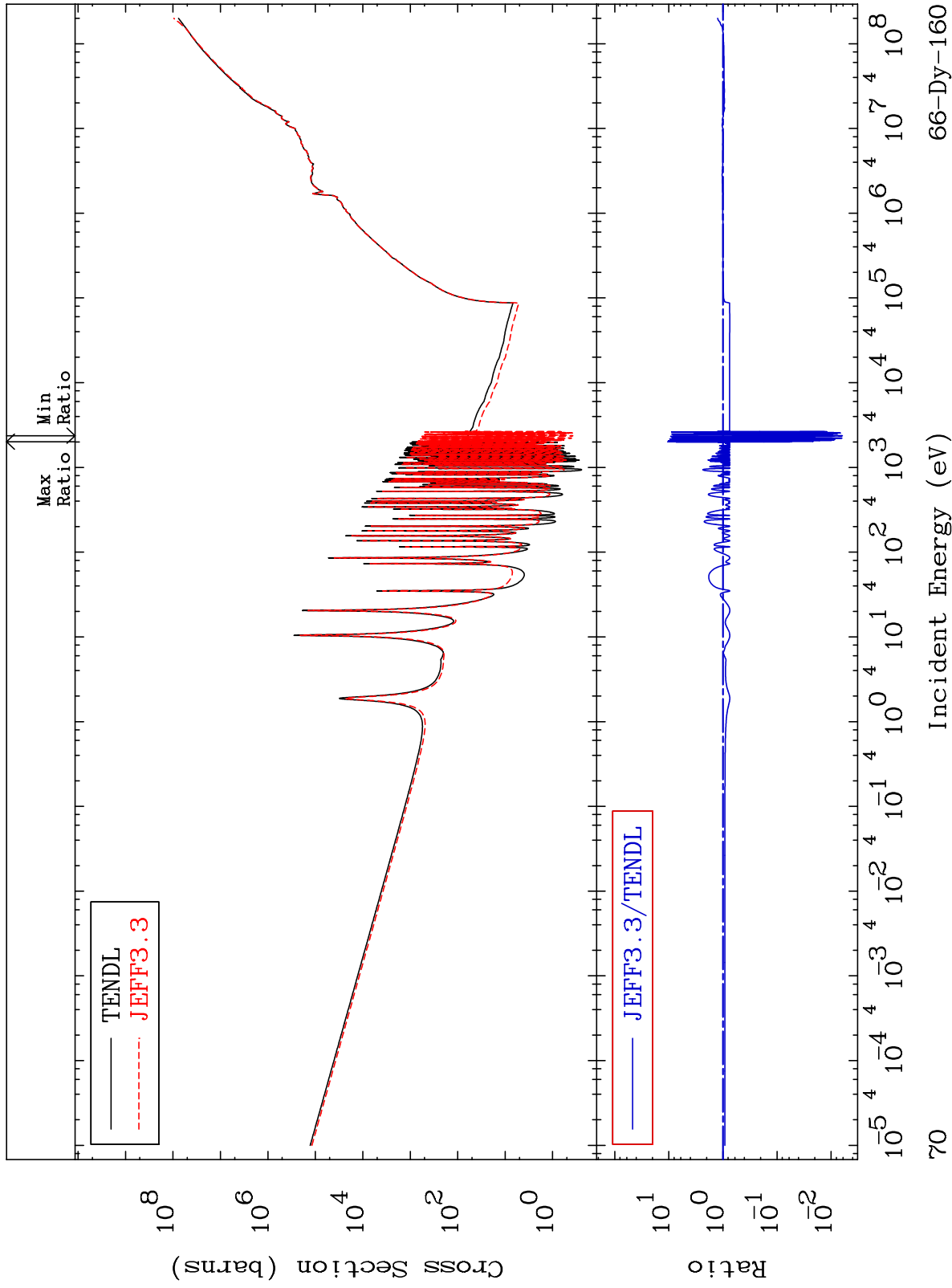
Incident Energy (eV)

66-Dy-160

MAT 6637

Kerma non-elastic (all but mt2)  
Cross Section

66-Dy-160  
-99.39 To 955.2 %



70

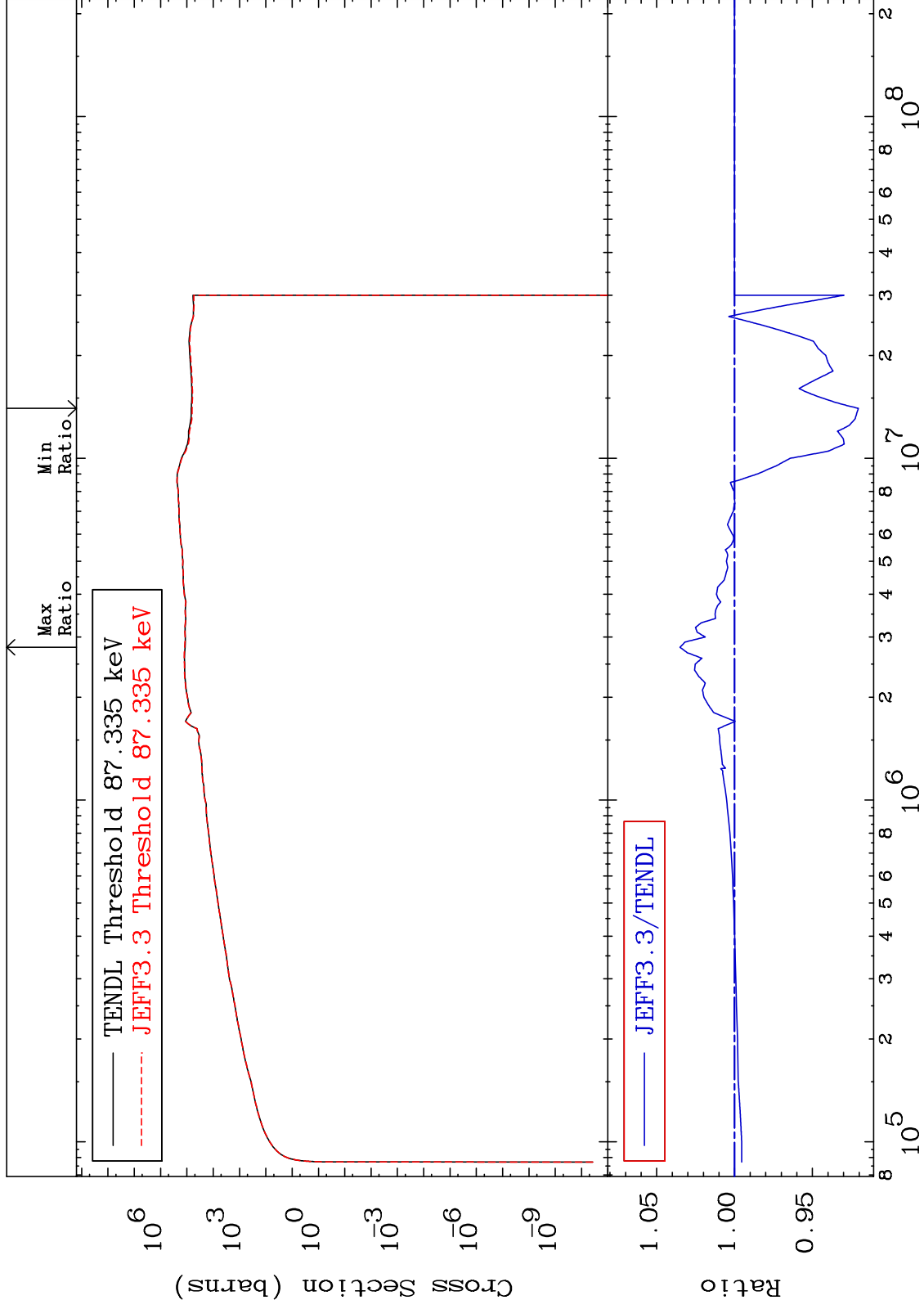
Incident Energy (eV)

66-Dy-160

MAT 6637

Kerma inelastic (mt51-91)  
Cross Section

66-Dy-160  
-7.953 To 3.502 %



71

Incident Energy (eV)

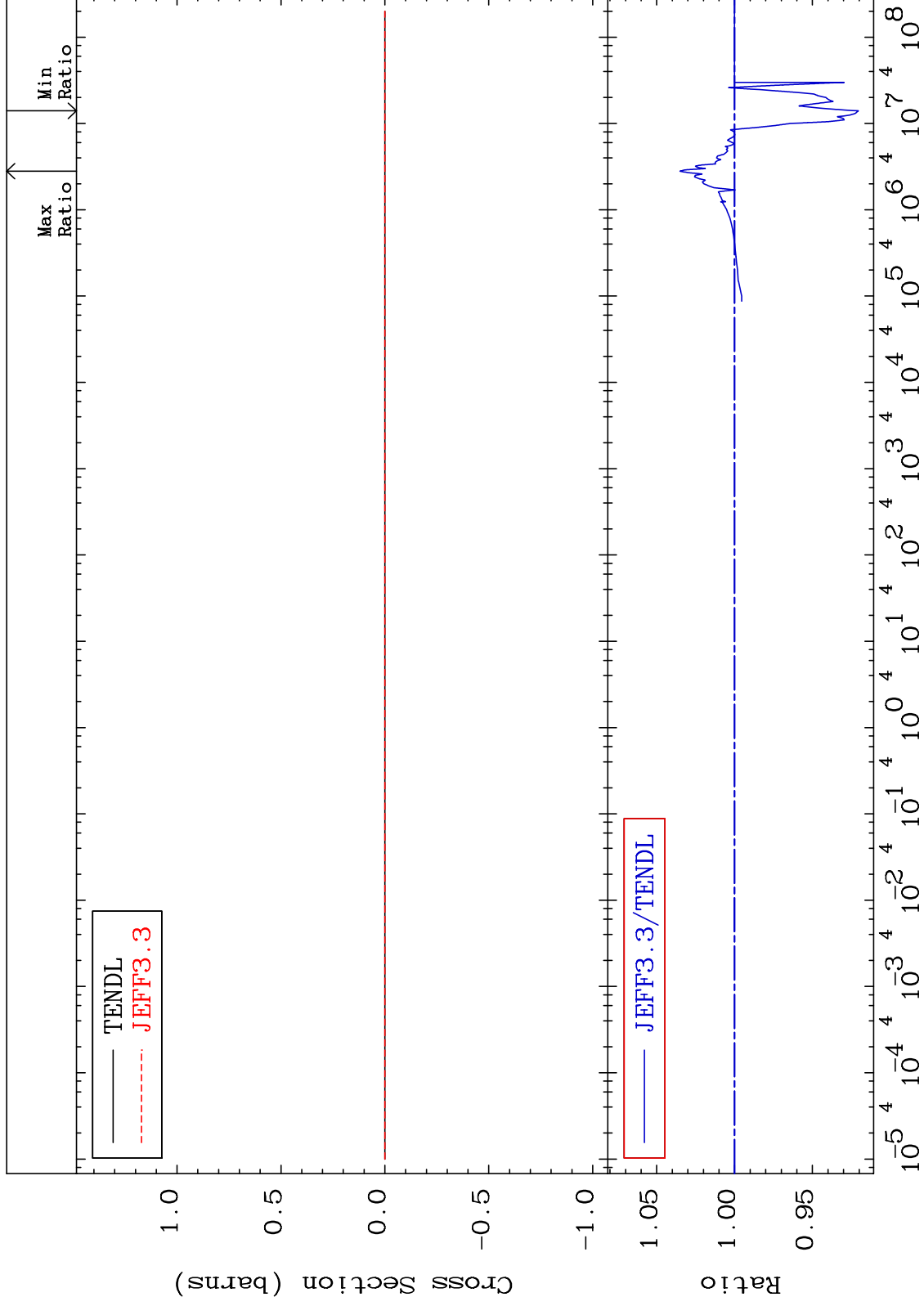
66-Dy-160



MAT 6637

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

66-Dy-160  
-7.953 To 3.502 %



72

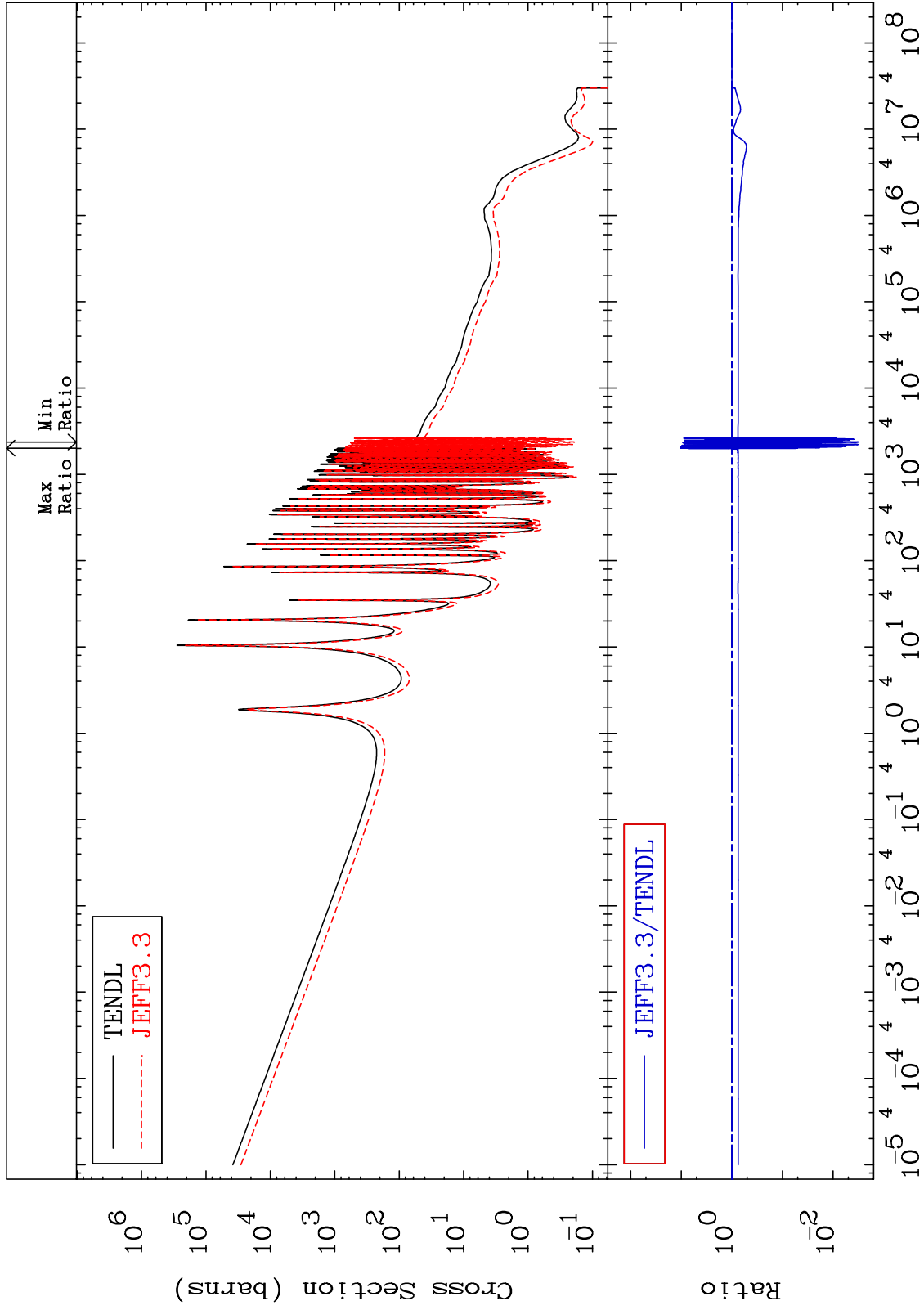
Incident Energy (eV)

66-Dy-160

MAT 6637

Kerma capture (mt102)  
Cross Section

66-Dy-160  
-99.69 To 955.0 %



73

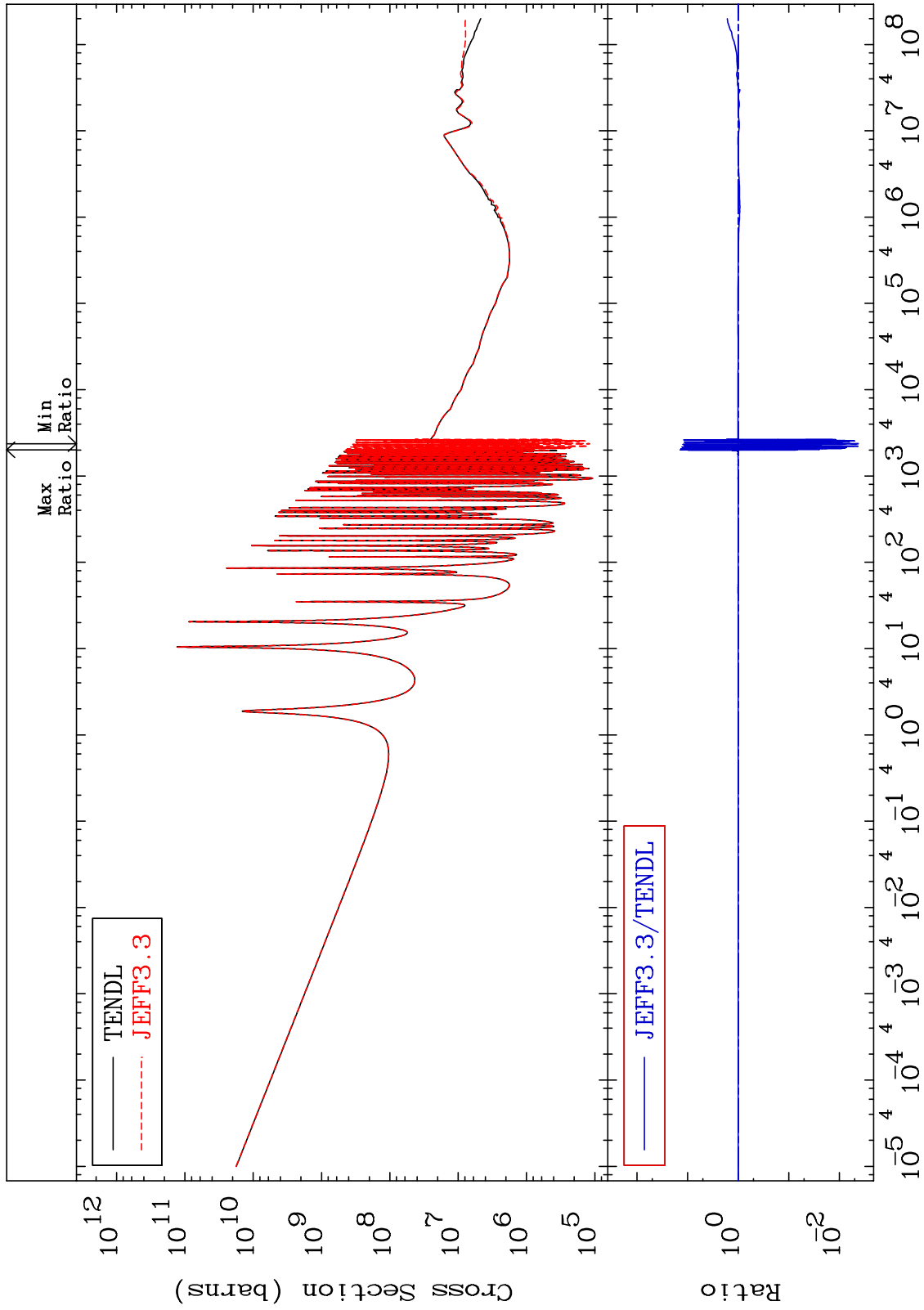
Incident Energy (eV)

66-Dy-160

MAT 6637

Total photon (eV-barns)  
Cross Section

66-Dy-160  
-99.58 To 1314. %



74

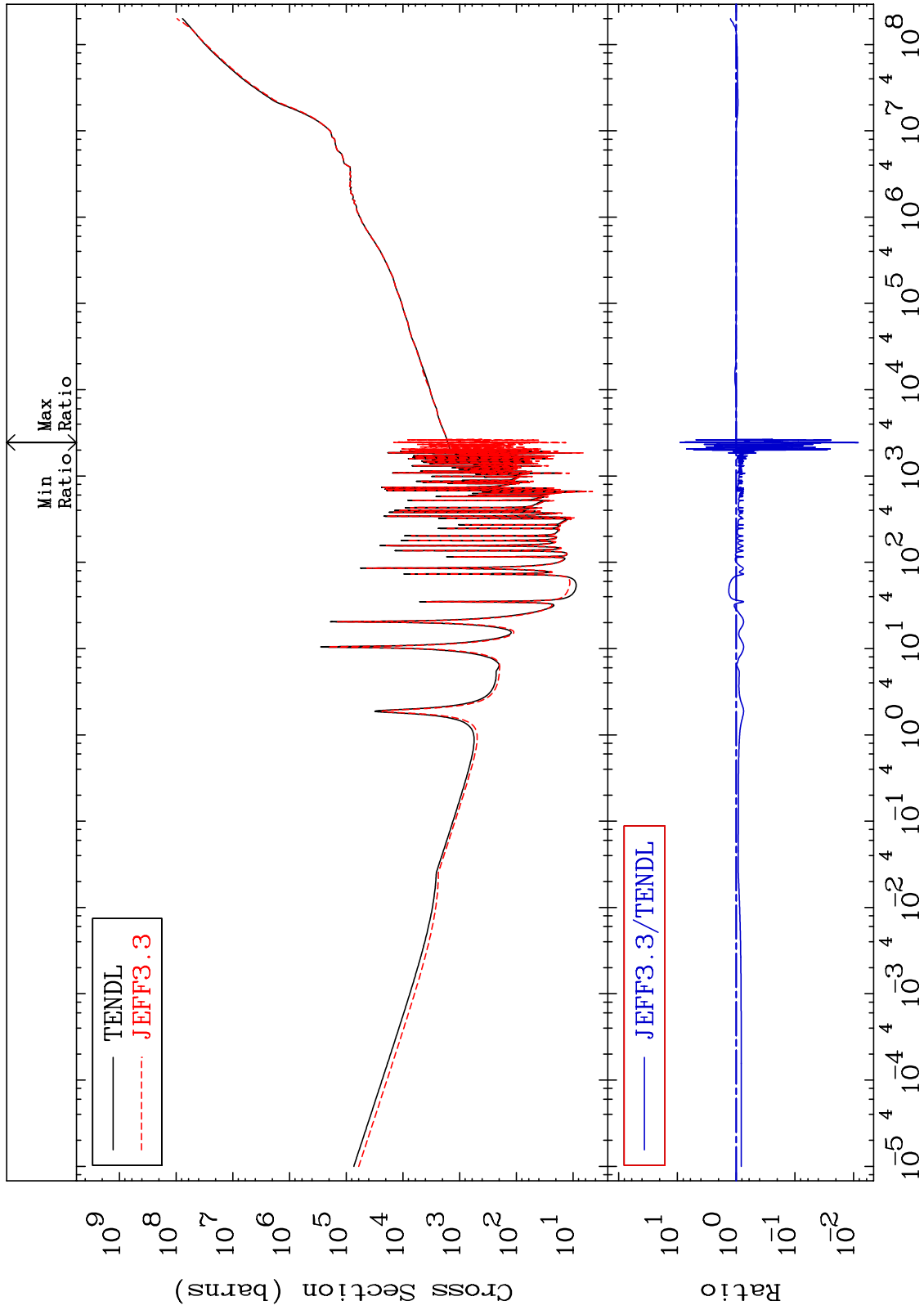
Incident Energy (eV)

66-Dy-160

MAT 6637

Total kinematic kerma (high limit)  
Cross Section

66-Dy-160  
-99.17 To 803.5 %



75

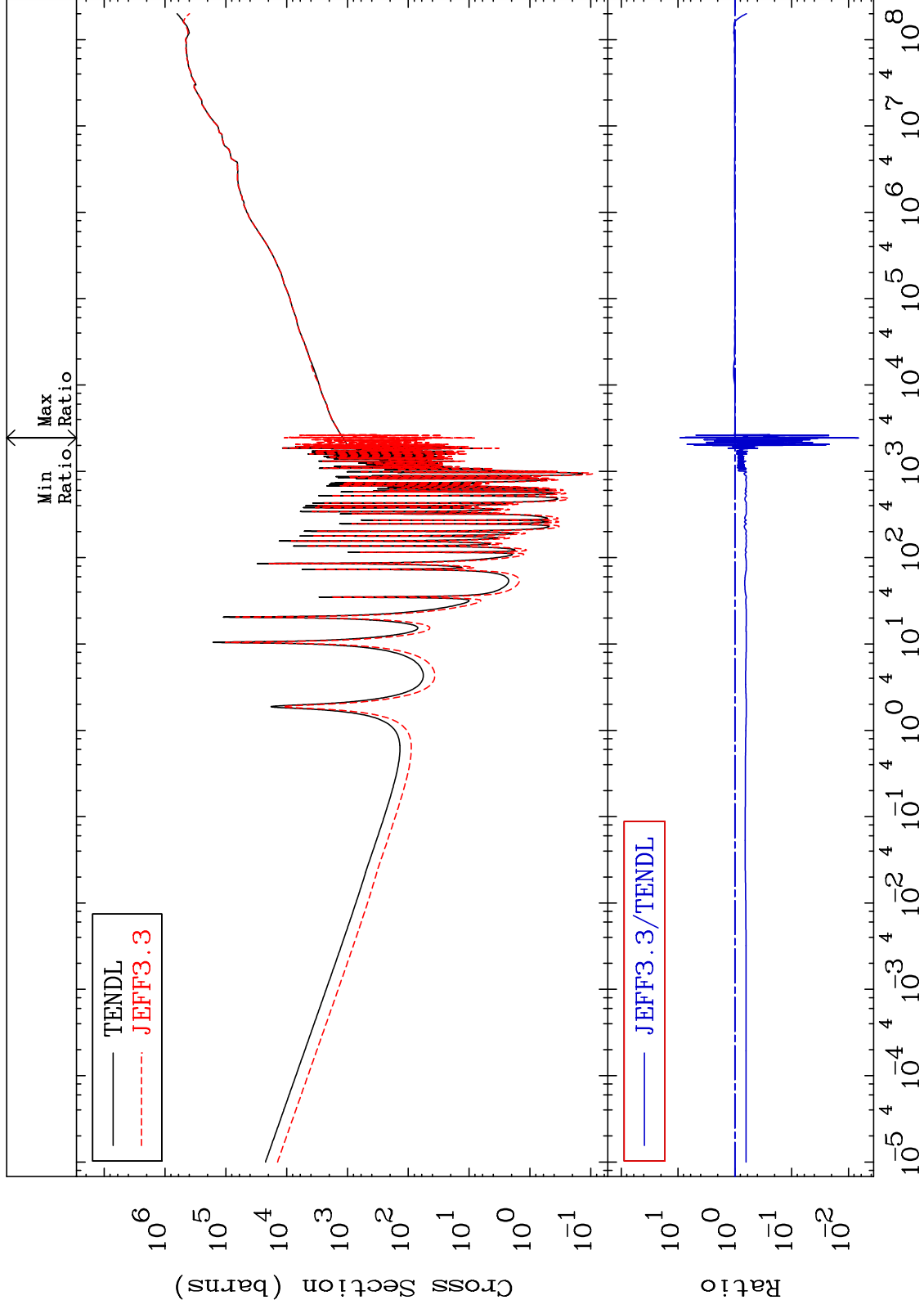
Incident Energy (eV)

66-Dy-160

MAT 6637

Dpa total (eV-barns)  
Cross Section

66-Dy-160  
-99.33 To 822.1 %



76

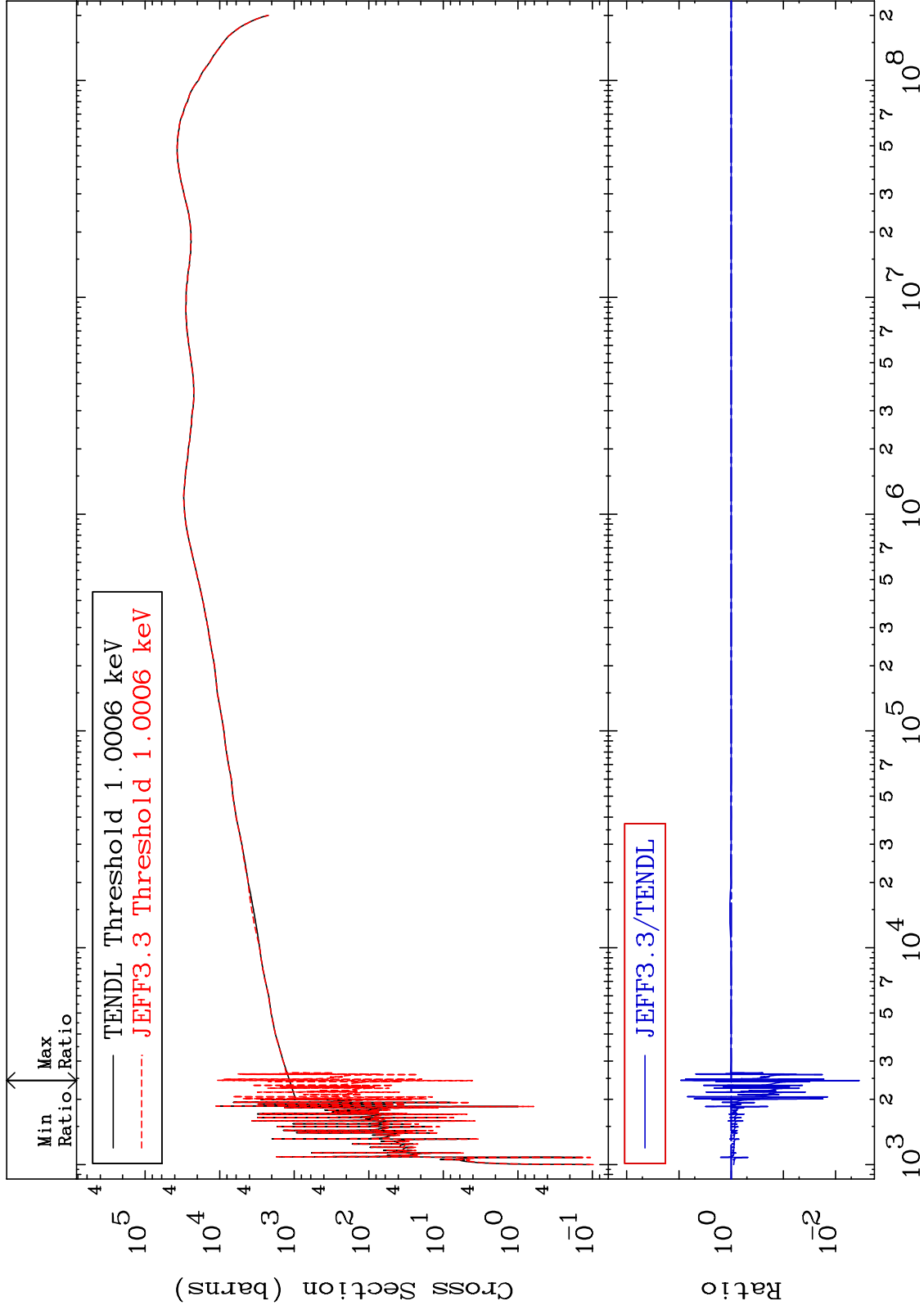
Incident Energy (eV)

66-Dy-160

MAT 6637

Dpa elastic (mt2)  
Cross Section

66-Dy-160  
-99.65 To 828.7 %



77

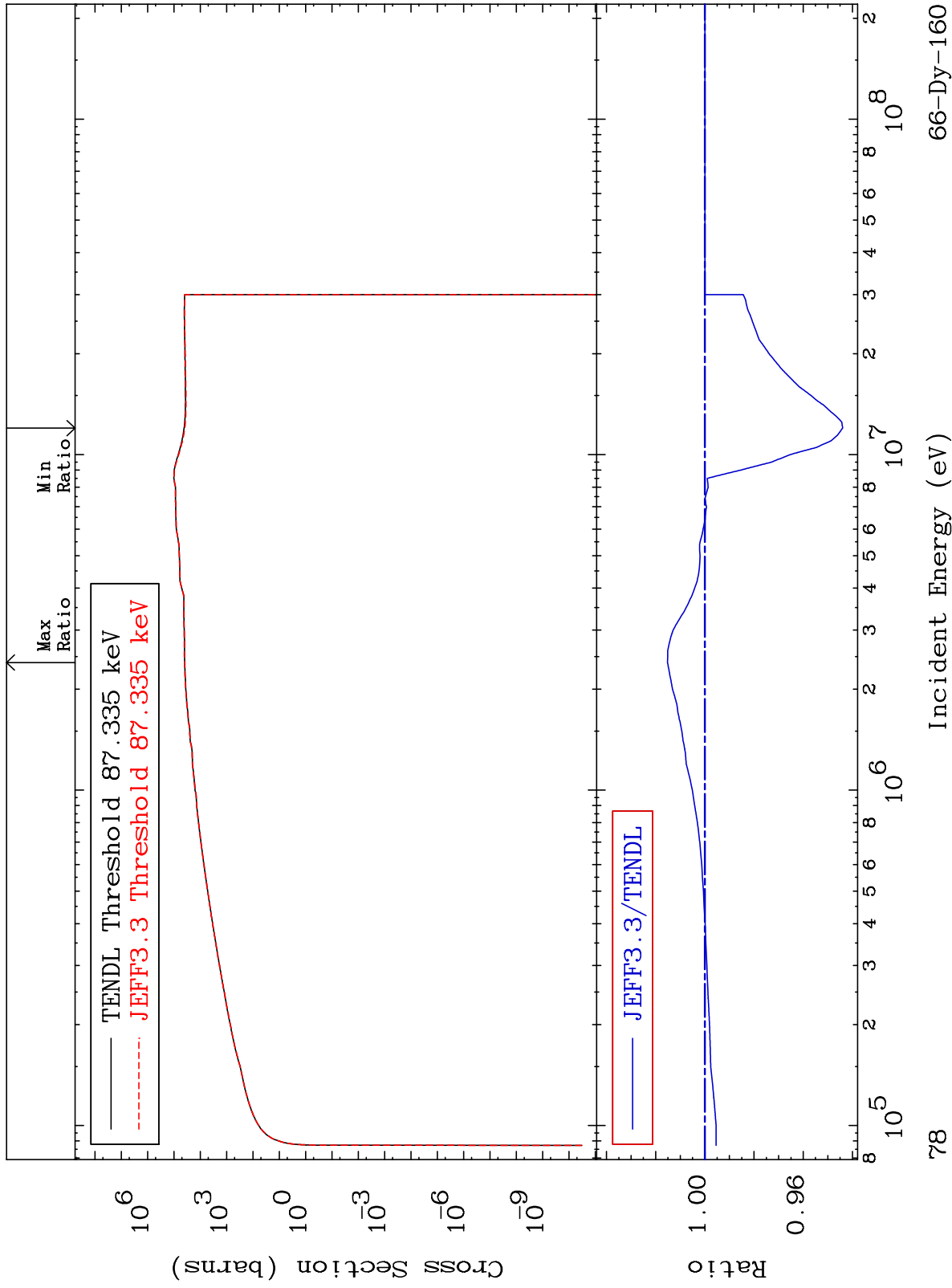
Incident Energy (eV)

66-Dy-160

MAT 6637

Dpa inelastic (mt51-91)  
Cross Section

66-Dy-160  
-5.604 To 1.517 %



78

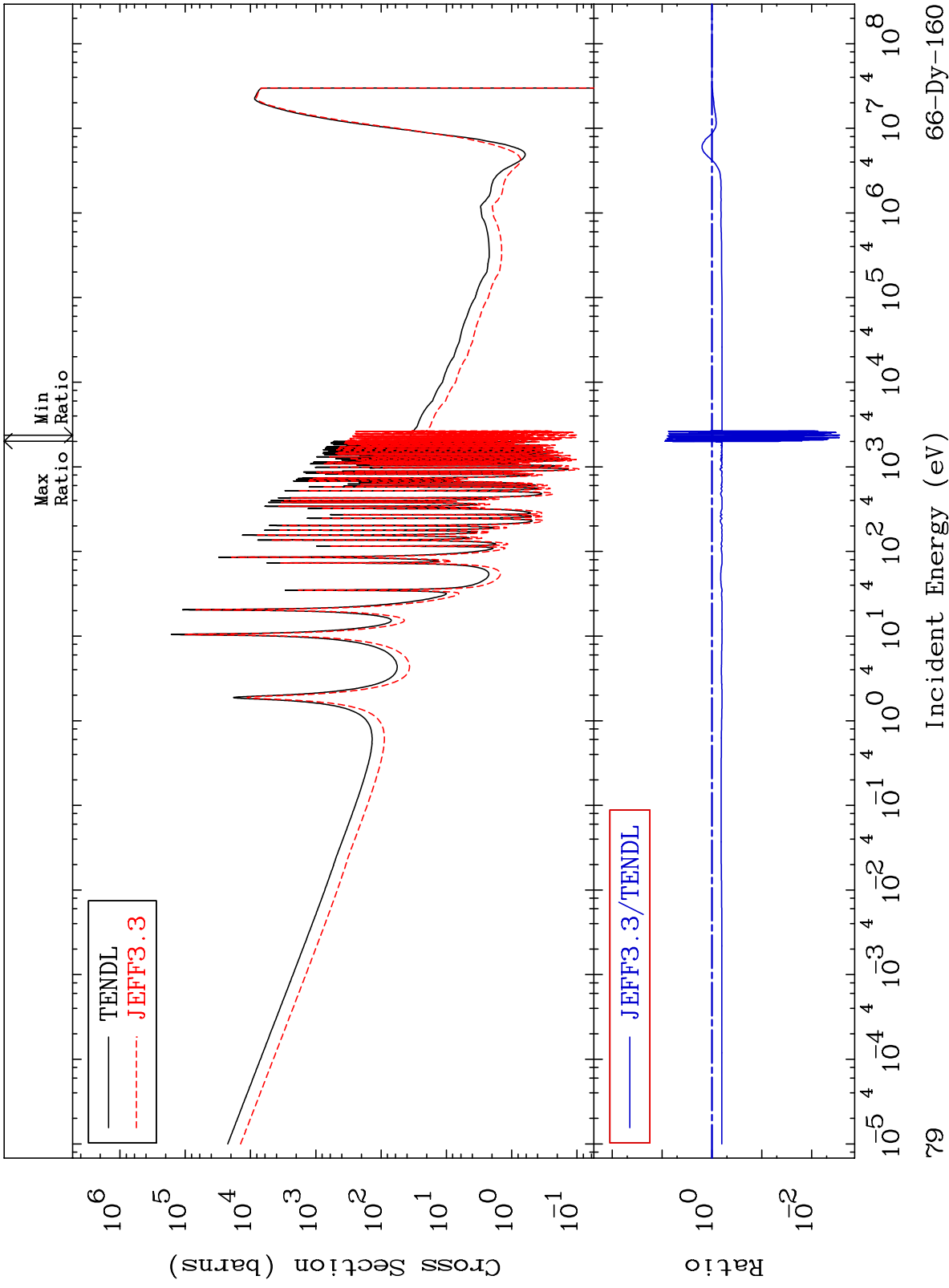
Incident Energy (eV)

66-Dy-160

MAT 6637

Dpa disappearance (mt102 -120)  
Cross Section

66-Dy-160  
-99.73 To 788.0 %



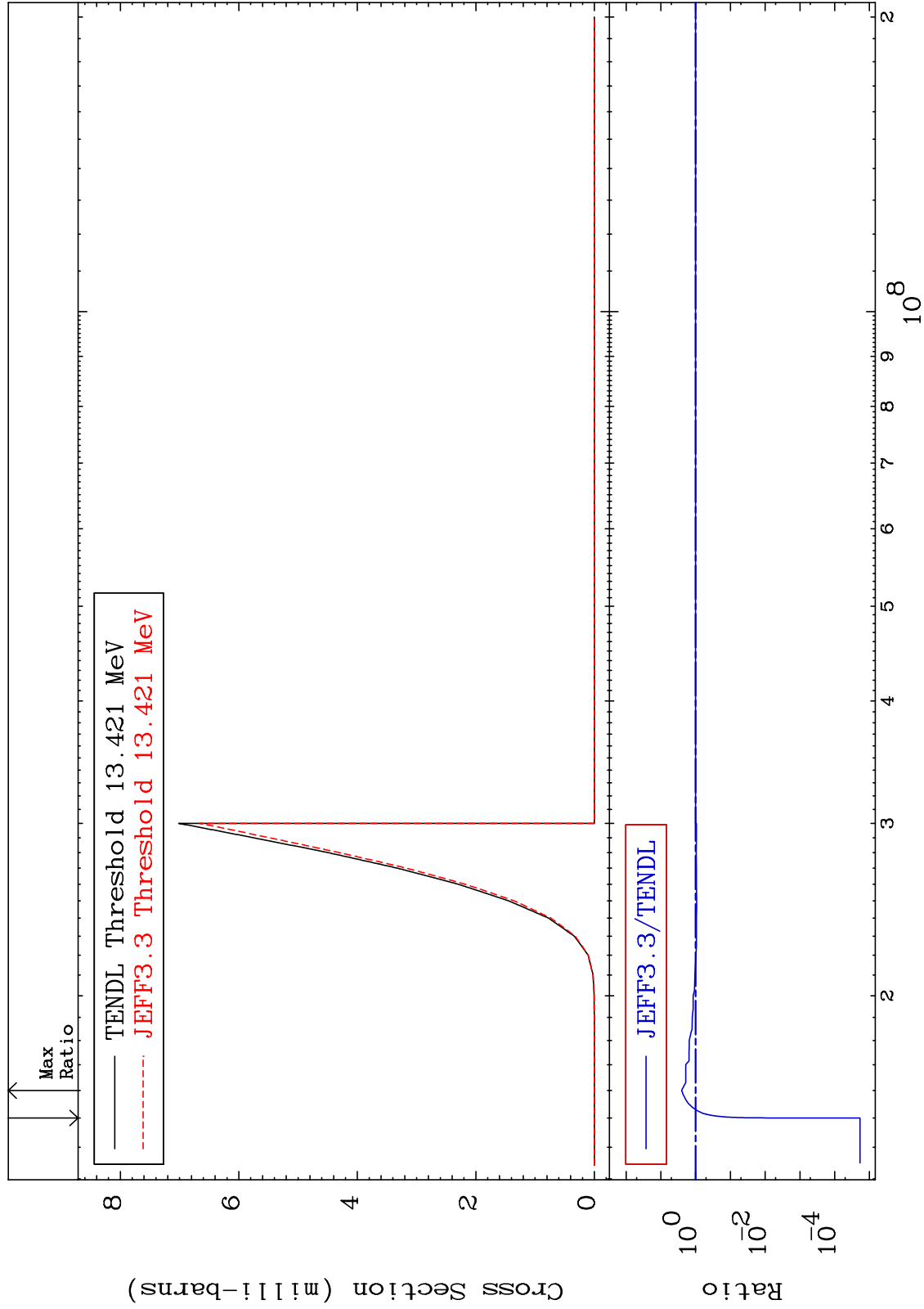


MAT 6637

(n, n') d:65-Tb-158g

66-Dy-160

Radionuclide Production Cross Section -100.0 To 152.6 %



80

Incident Energy (eV)

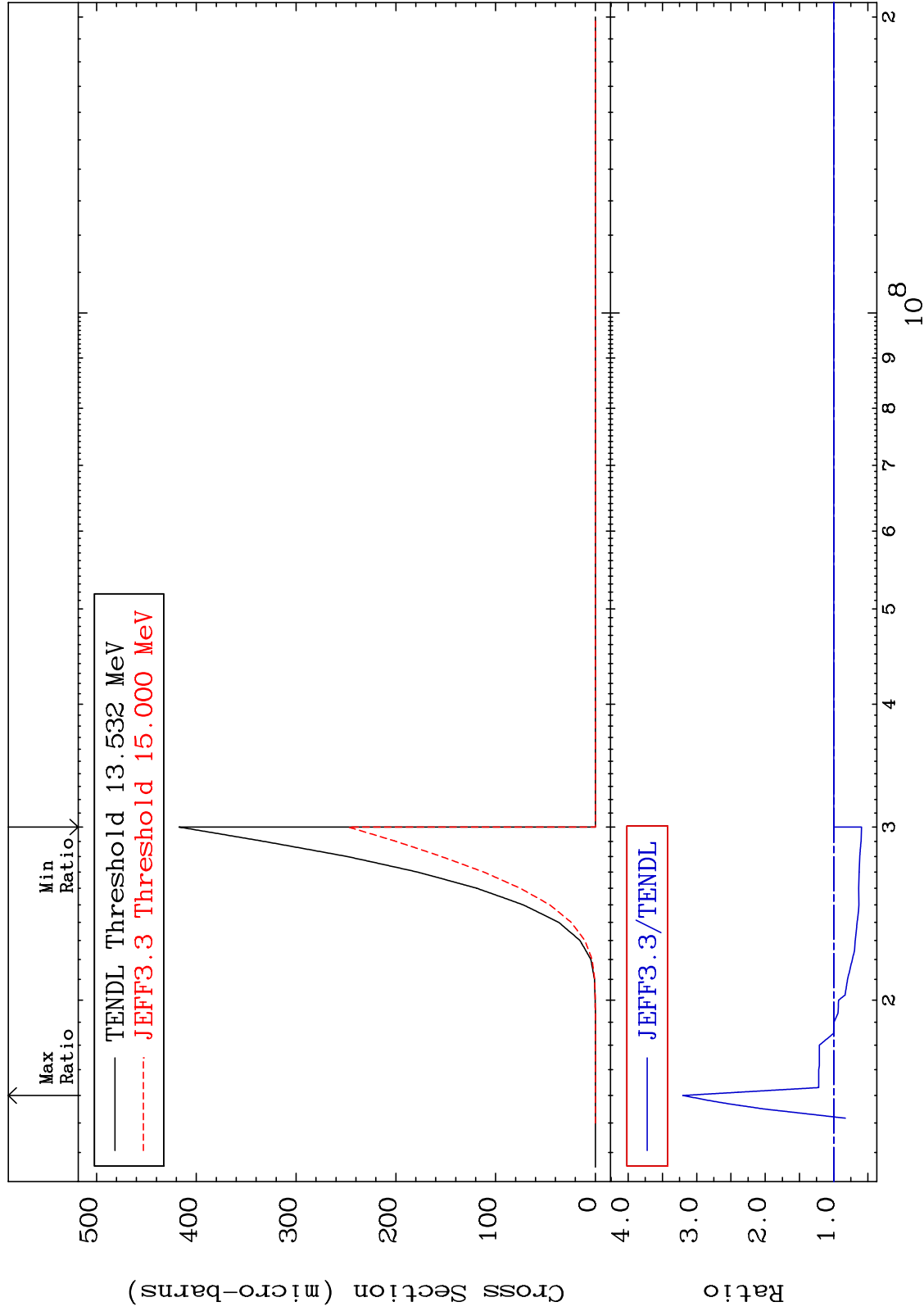
66-Dy-160

MAT 6637

(n, n') d: 65-Tb-158m3

66-Dy-160

Radionuclide Production Cross Section -40.67 To 220.2 %

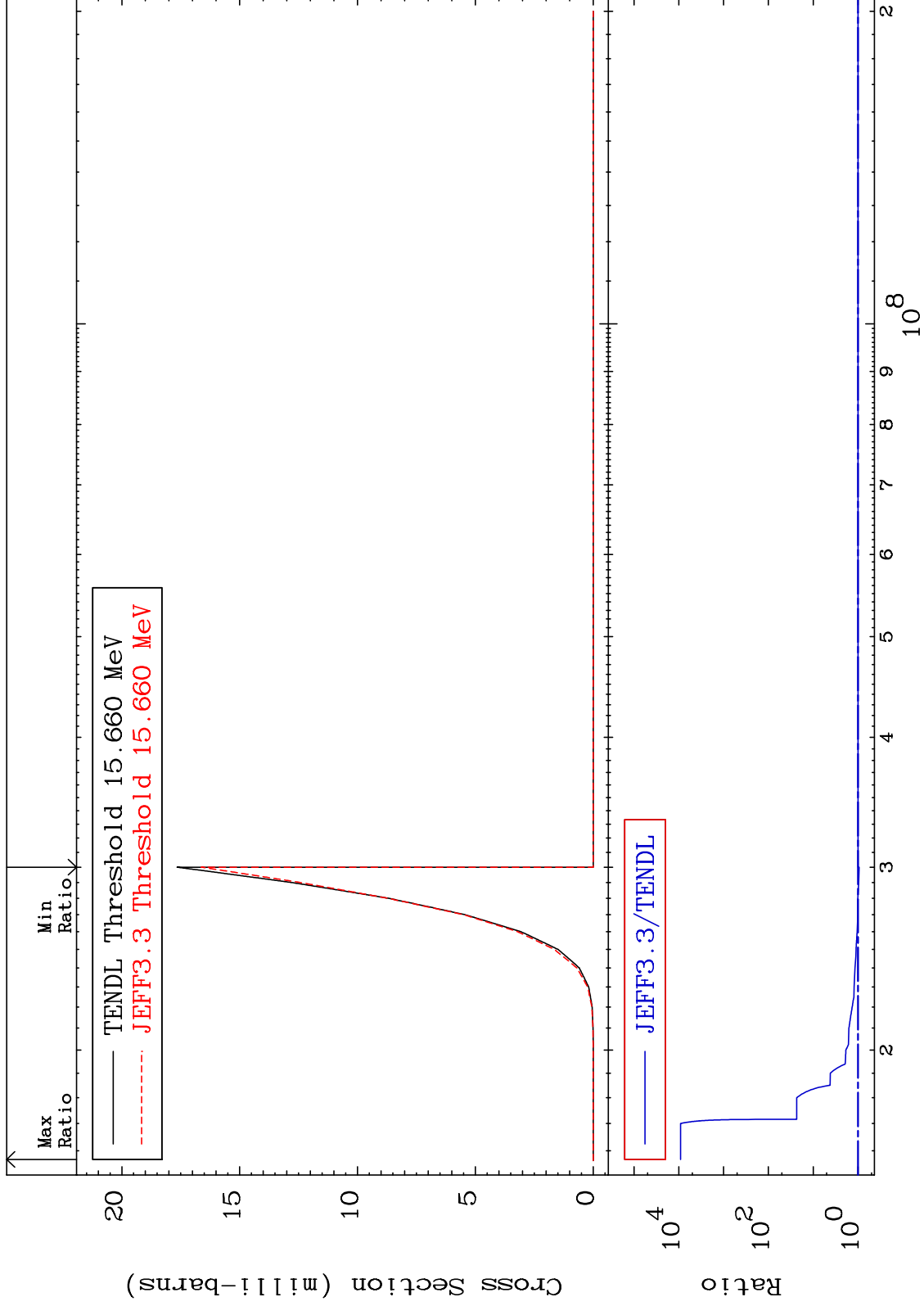


MAT 6637

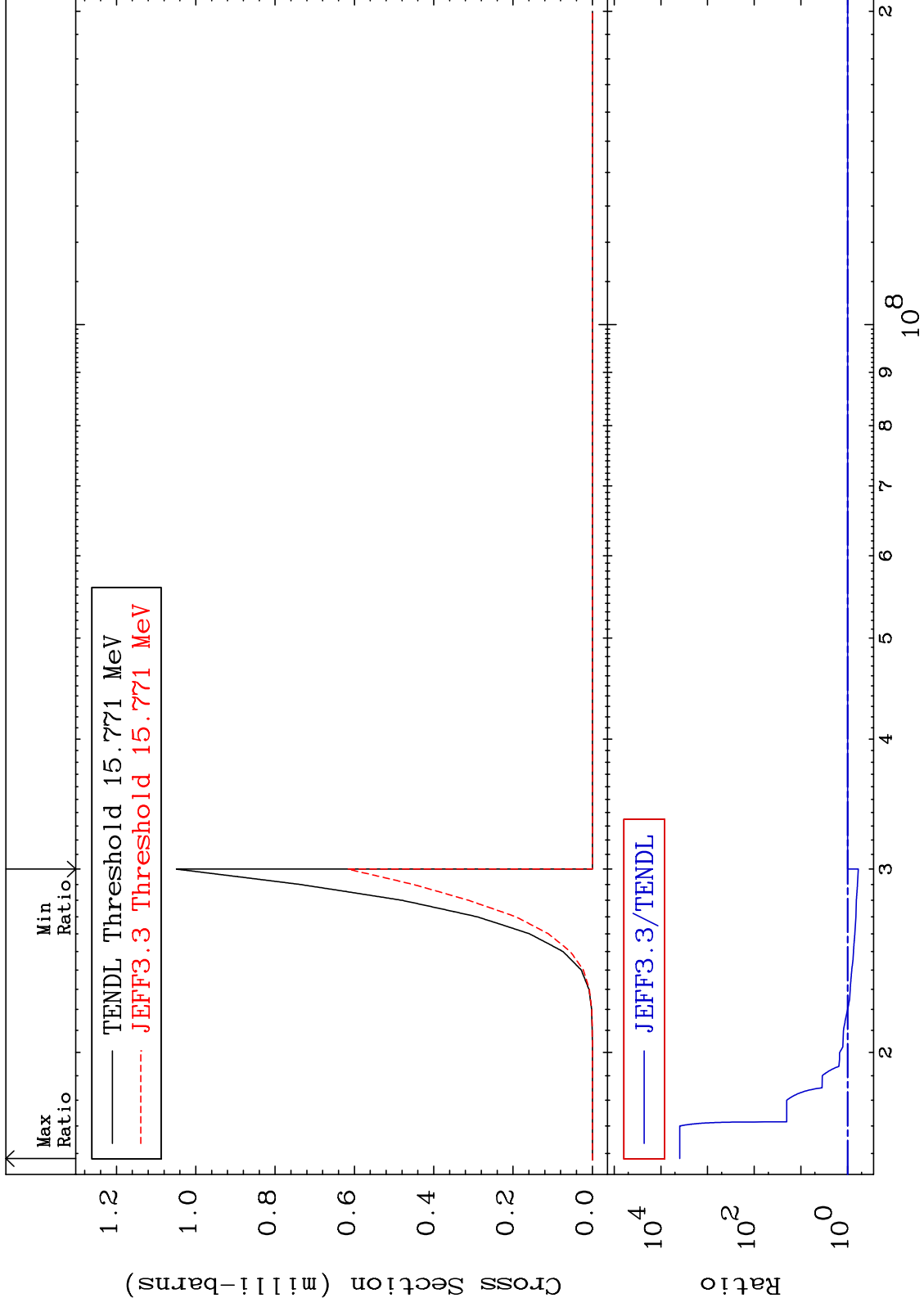
(n,2n) p:65-Tb-158g

66-Dy-160

Radionuclide Production Cross Section -5.792 To 9999. %



Radionuclide Production Cross Section -41.17 To 9999. %

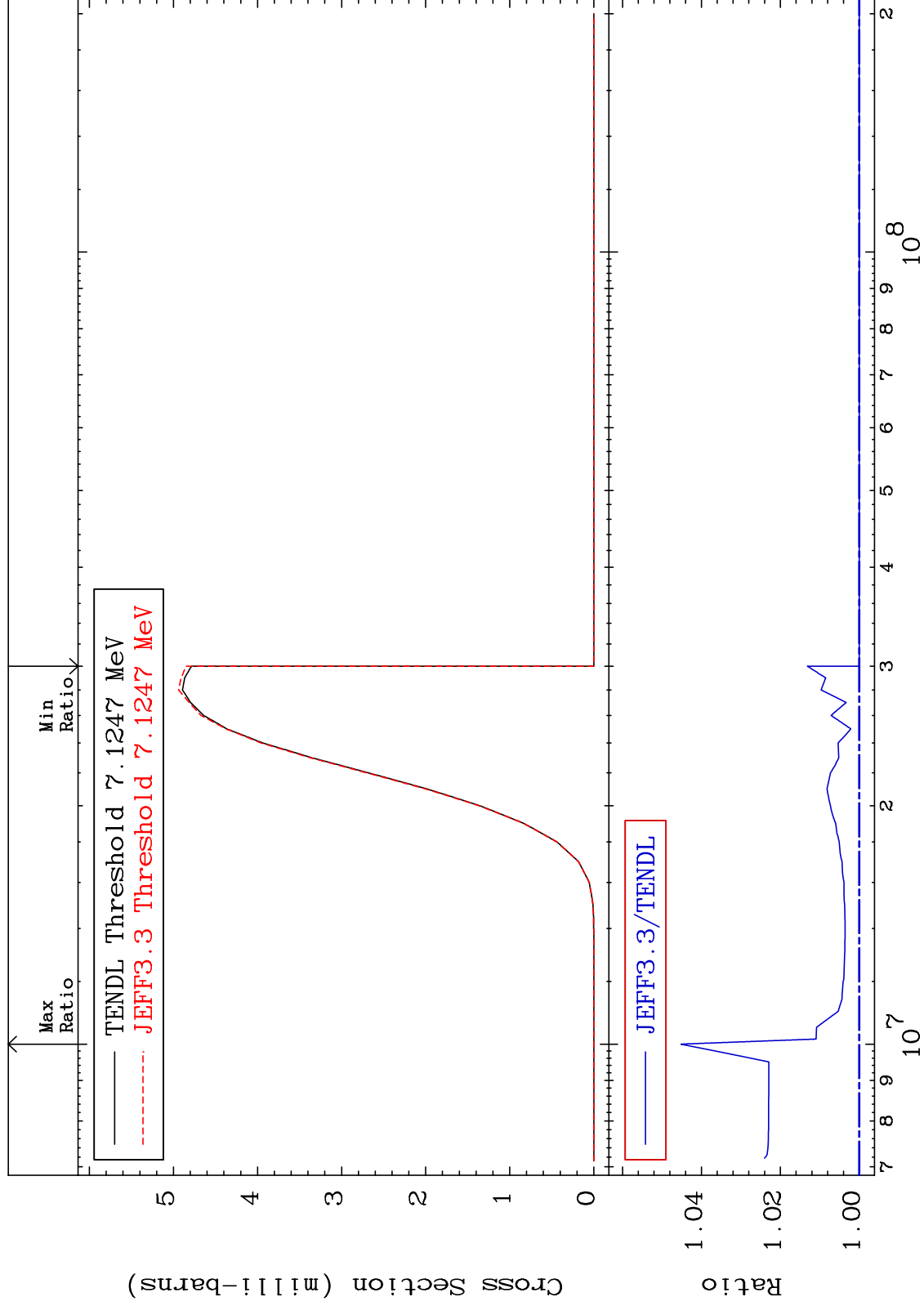


MAT 6637

(n, t): 65-Tb-158g

66-Dy-160

Radionuclide Production Cross Section 0.000 To 4.516 %



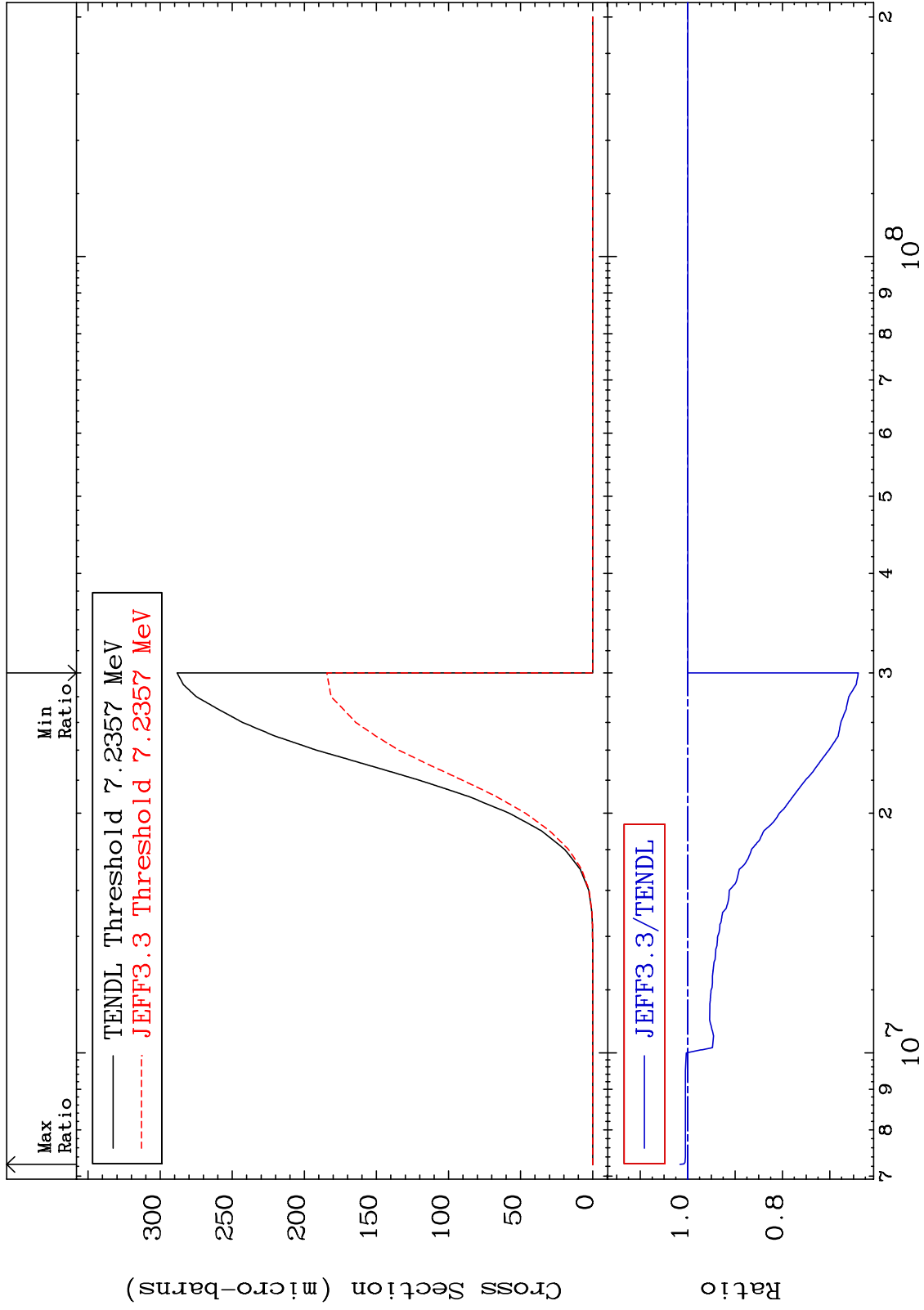
MAT 6637

(n, t) : 65-Tb-158m3

66-Dy-160

Radionuclide Production Cross Section

-36.03 To 1.621 %



85

Incident Energy (eV)

66-Dy-160