

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

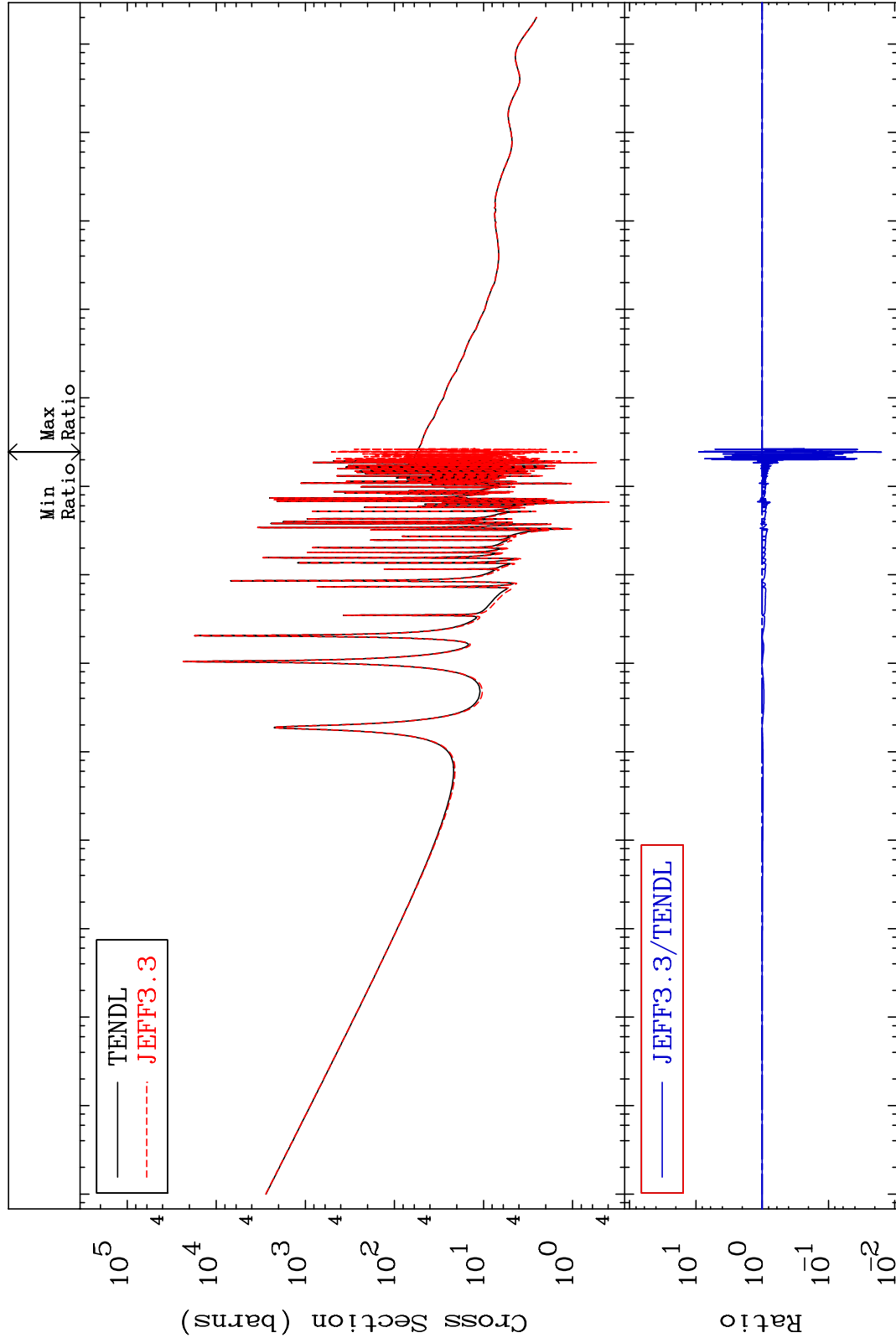
MAT 6637

Total

66-Dy-160

Cross Section

-98.42 To 806.3 %



Incident Energy (eV)

66-Dy-160

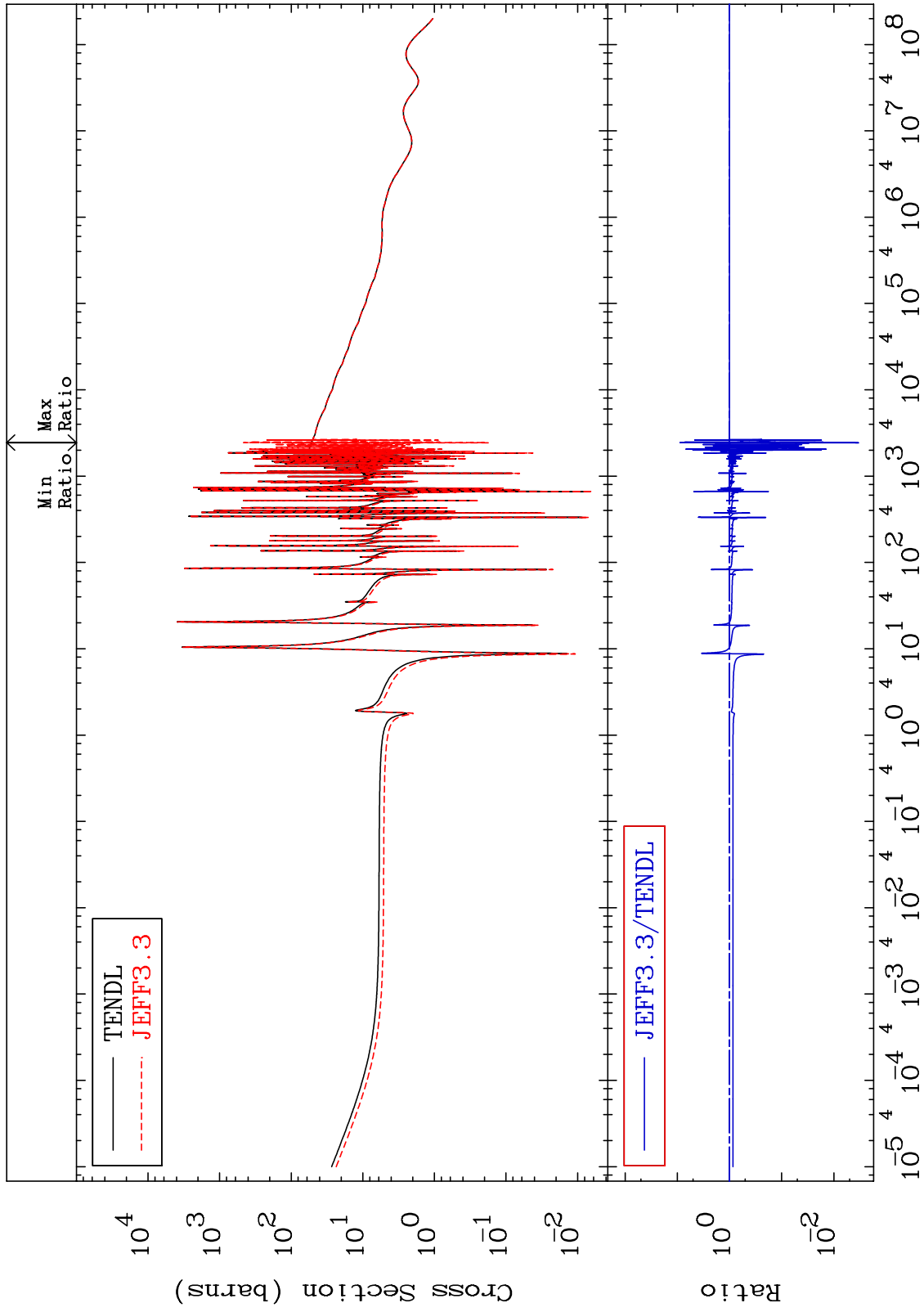
MAT 6637

Elastic

66-Dy-160

Cross Section

-99.66 To 789.4 %



2

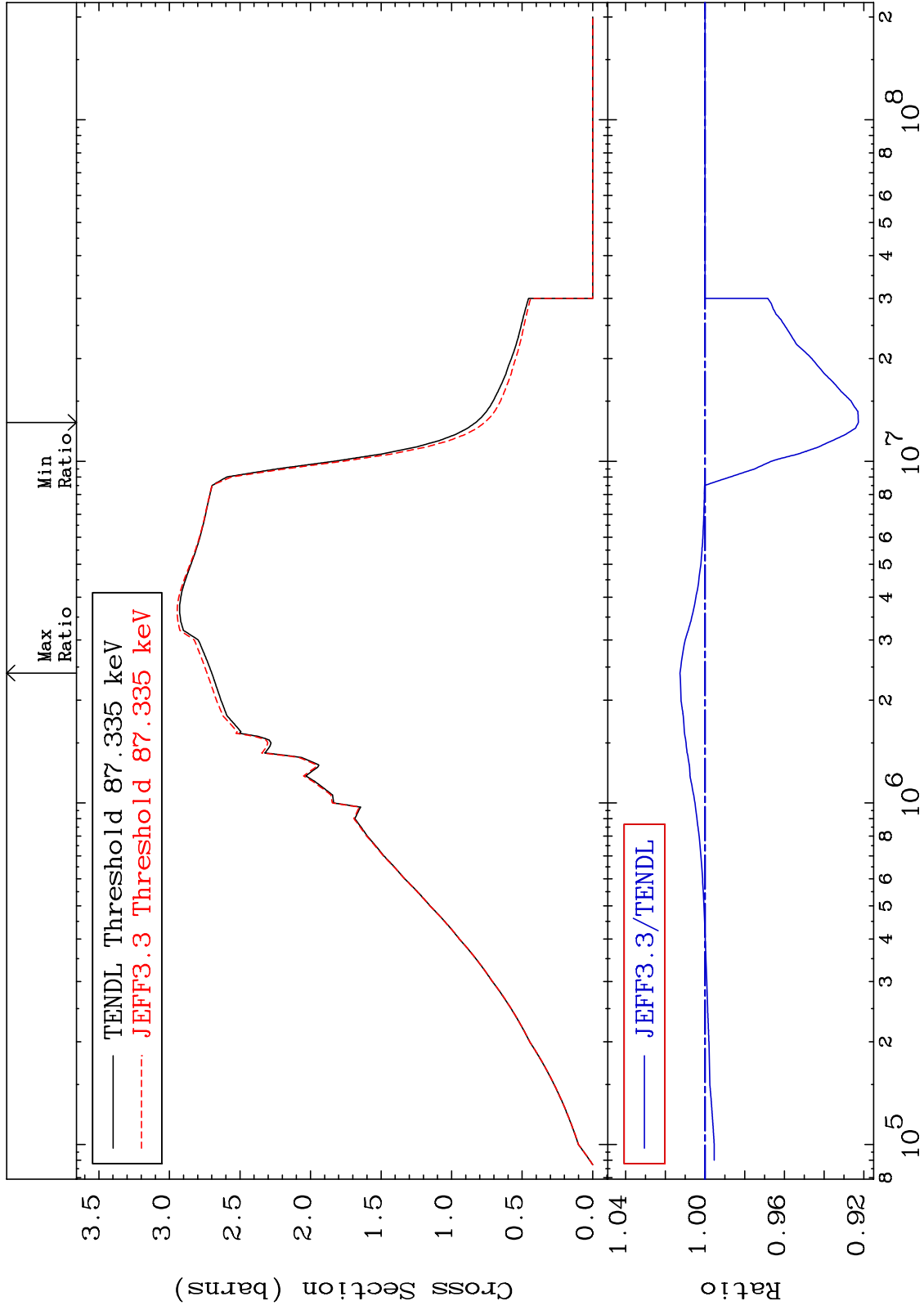
Incident Energy (eV)

66-Dy-160

MAT 6637

66-Dy-160
-7.723 To 1.264 %

Inelastic
Cross Section



Incident Energy (eV)

66-Dy-160

3

MAT 6637

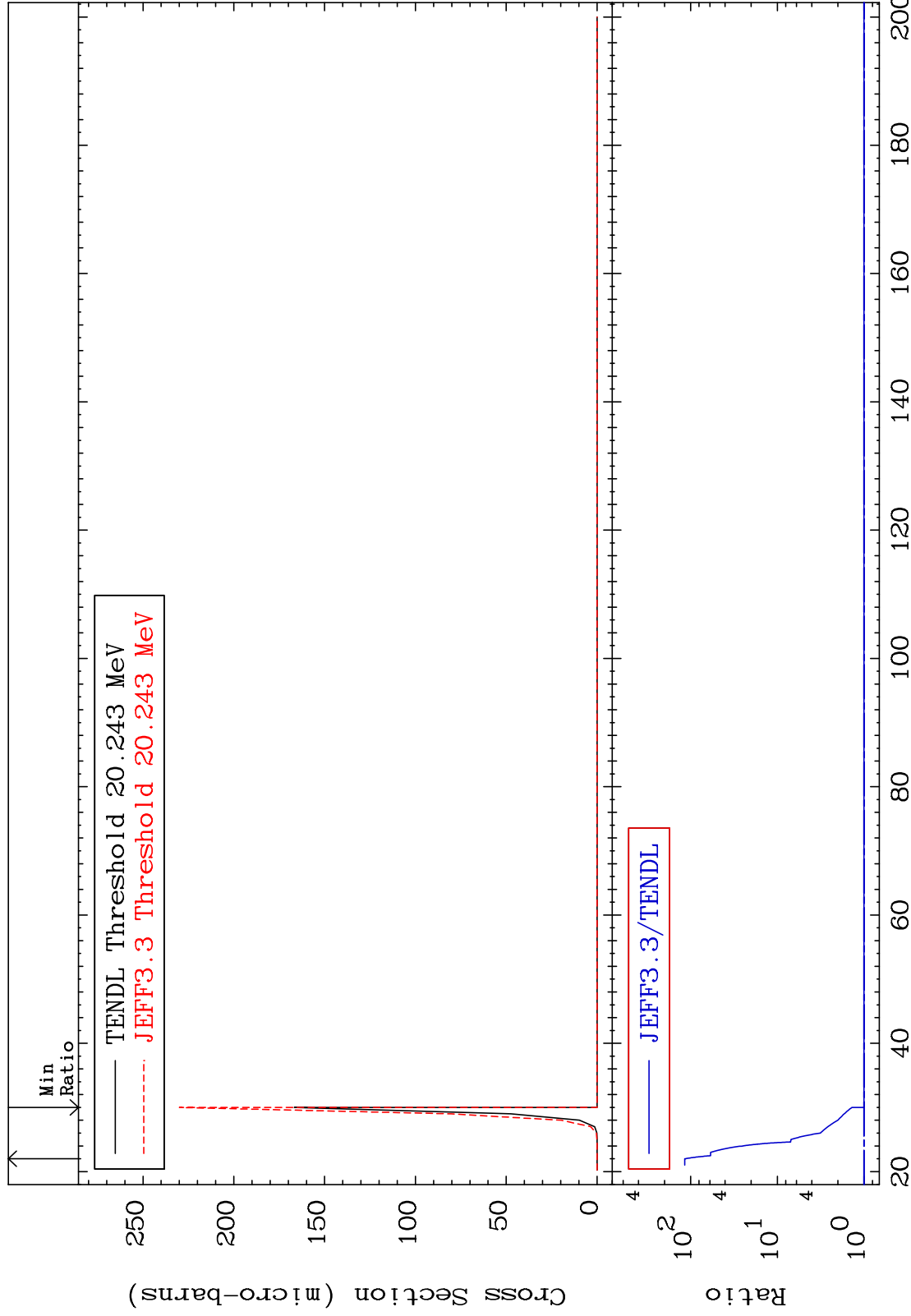
(n,2n) d

66-Dy-160

Cross Section

0.000

To 9999. %



4

Incident Energy (MeV)

66-Dy-160

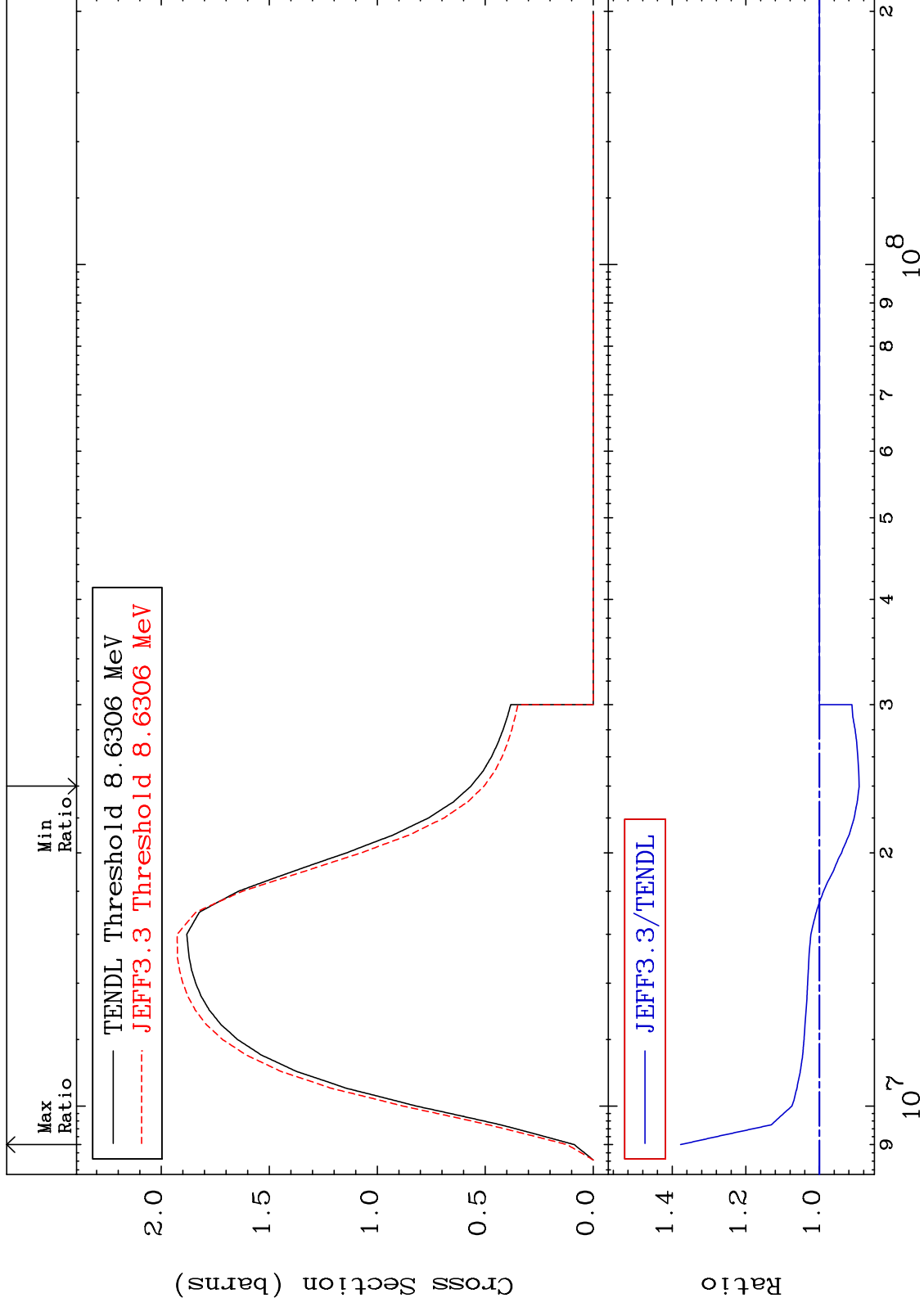
MAT 6637

(n,2n)

66-Dy-160

Cross Section

-10.77 To 37.72 %



5

Incident Energy (eV)

66-Dy-160

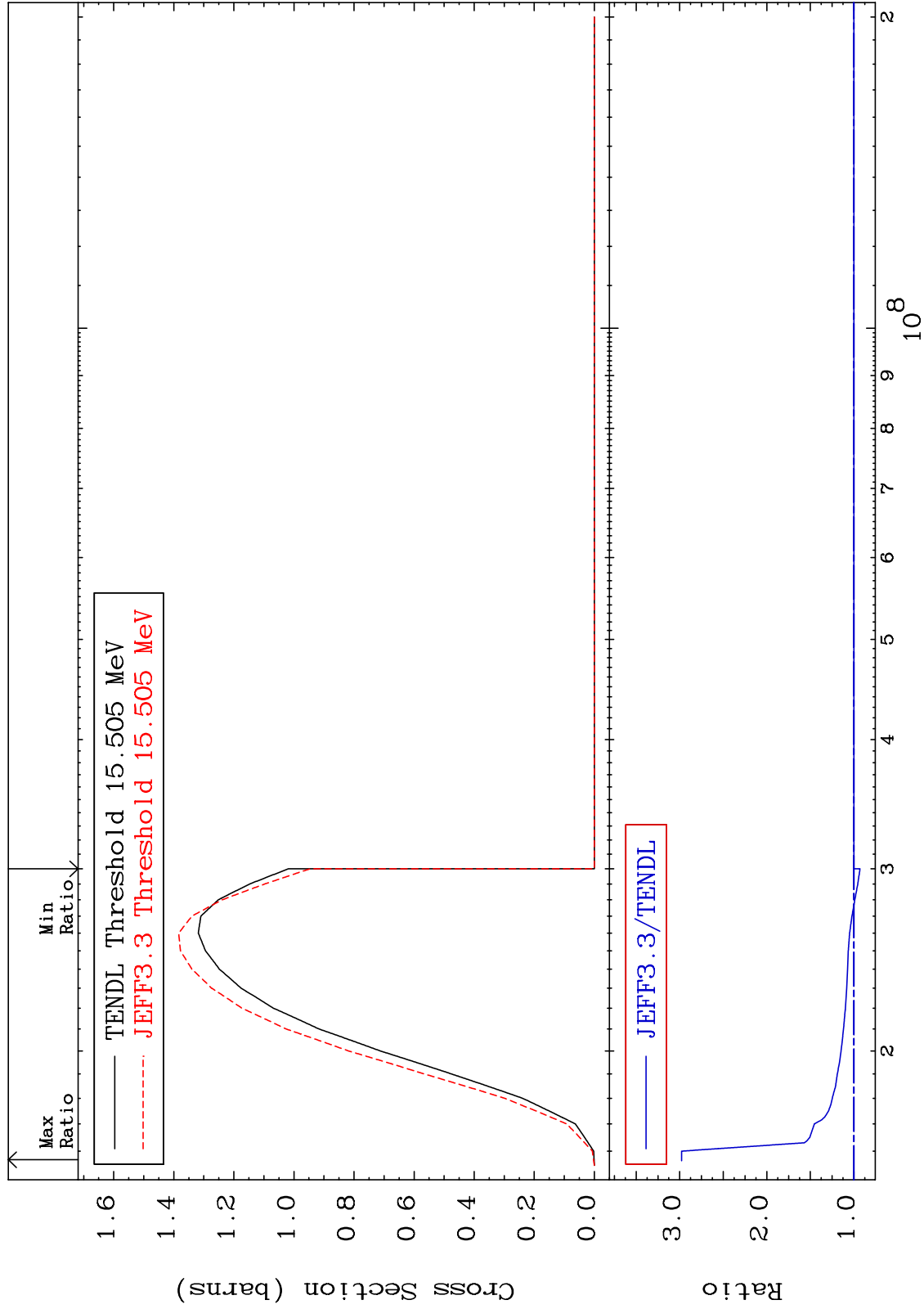
MAT 6637

(n, 3n)

66-Dy-160

Cross Section

-7.017 To 197.8 %



6

Incident Energy (eV)

66-Dy-160

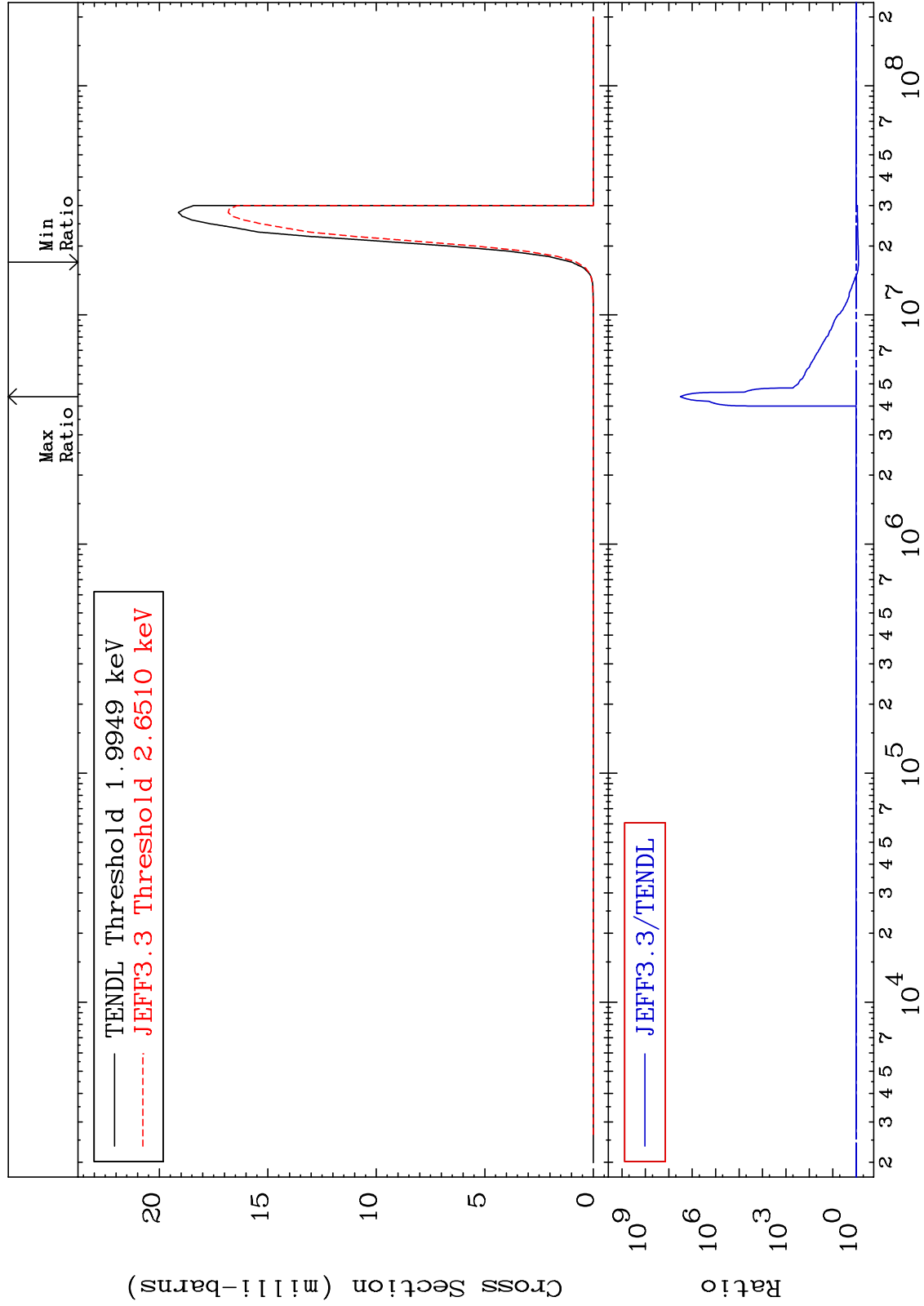
MAT 6637

(n, n') α

66-Dy-160

Cross Section

-20.93 To 9999. %



66-Dy-160

Incident Energy (eV)

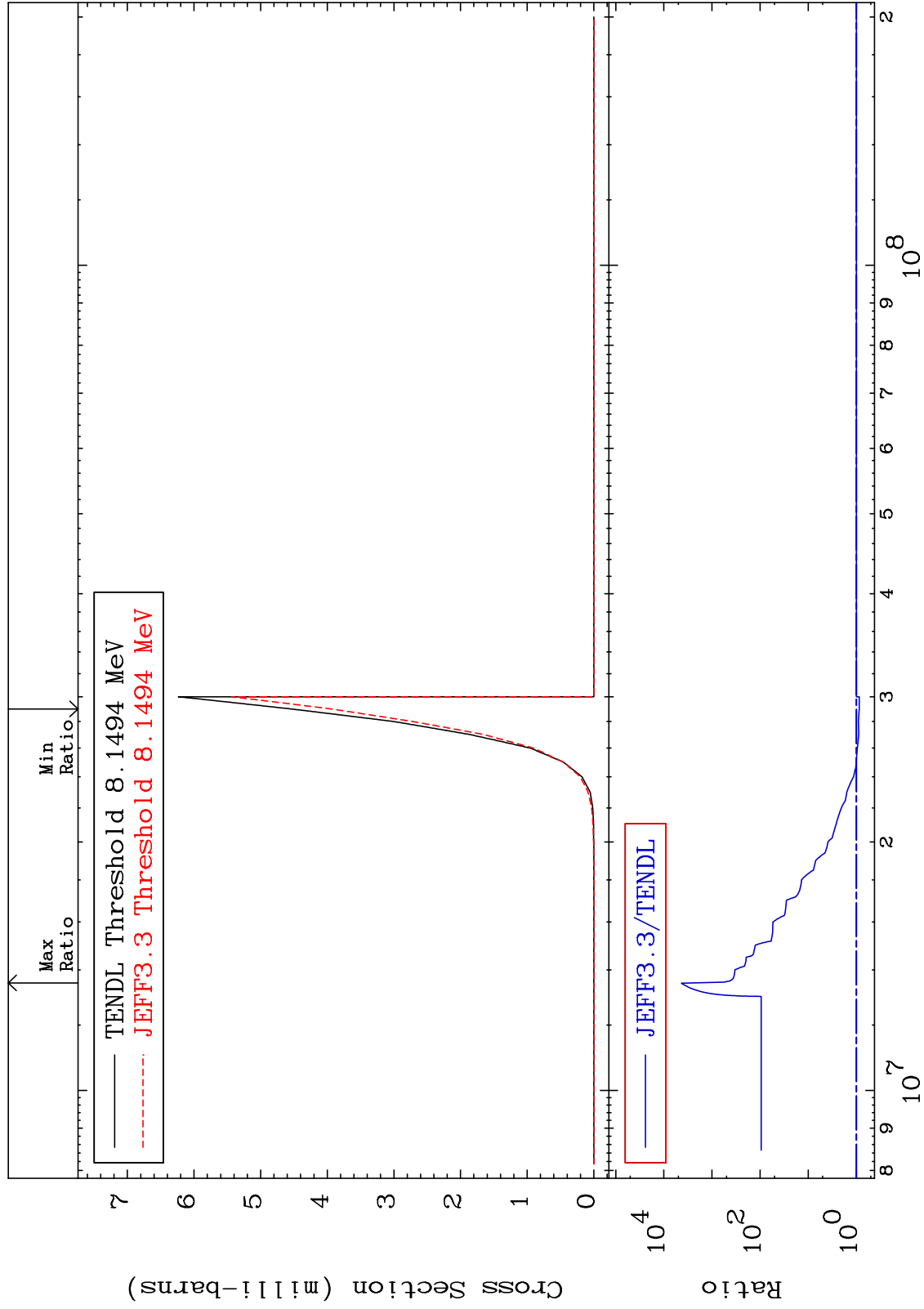
MAT 6637

(n,2n) α

66-Dy-160

Cross Section

-13.30 To 9999. %



66-Dy-160

66-Dy-160

MAT 6637

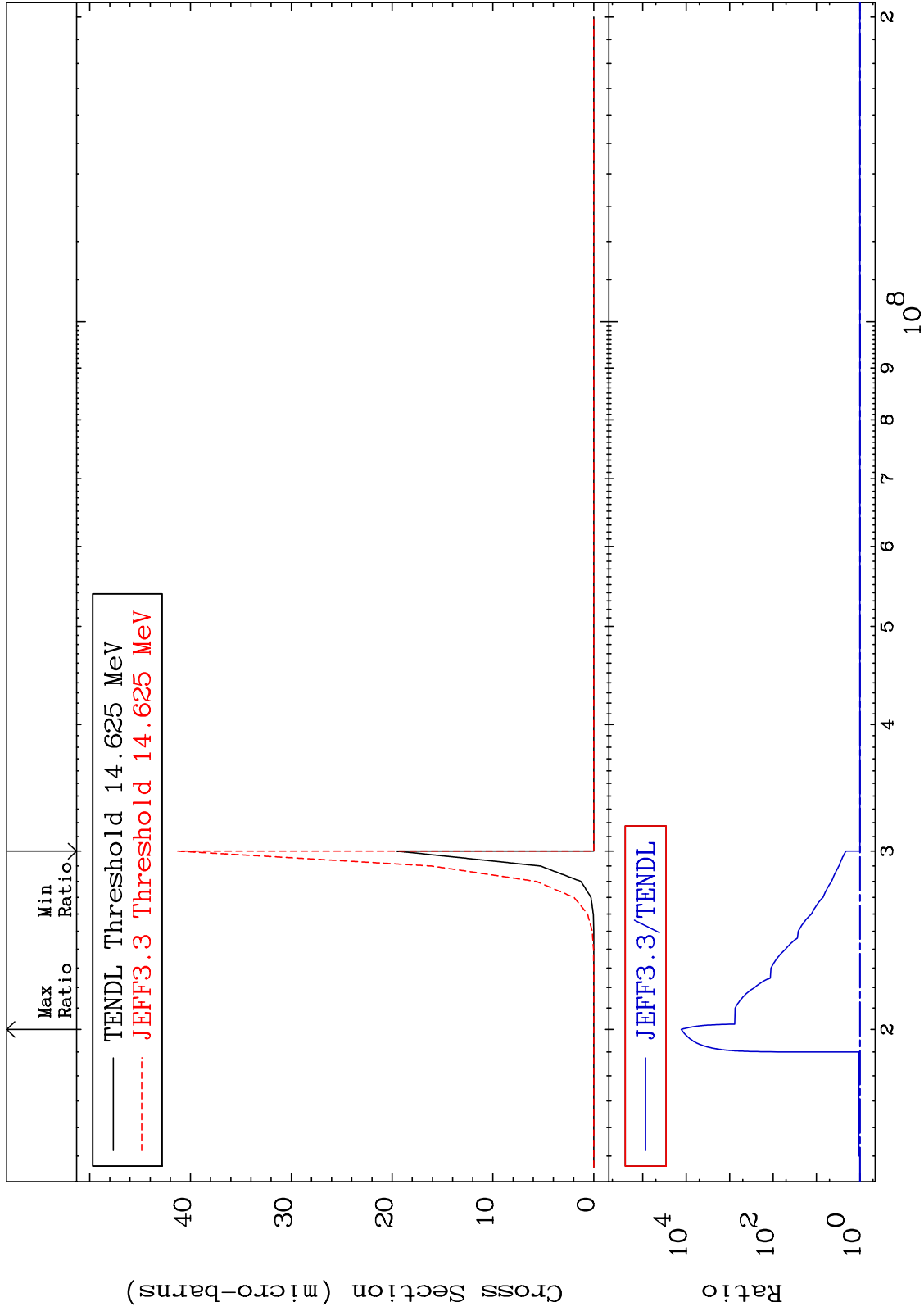
(n,3n) α

66-Dy-160

Cross Section

0.000

To 9999. %



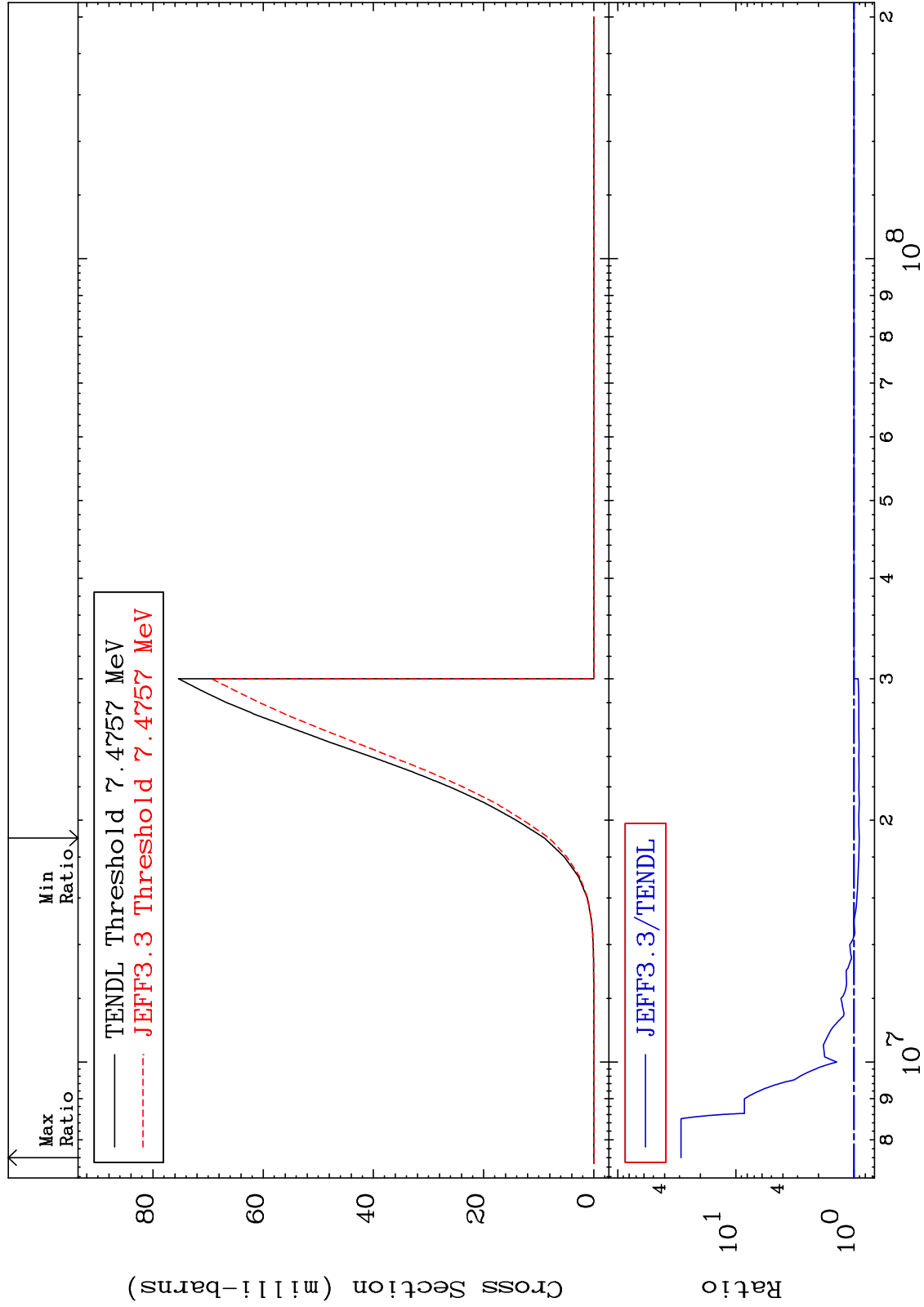
MAT 6637

(n, n') p

66-Dy-160

Cross Section

-9.823 To 2810. %



66-Dy-160

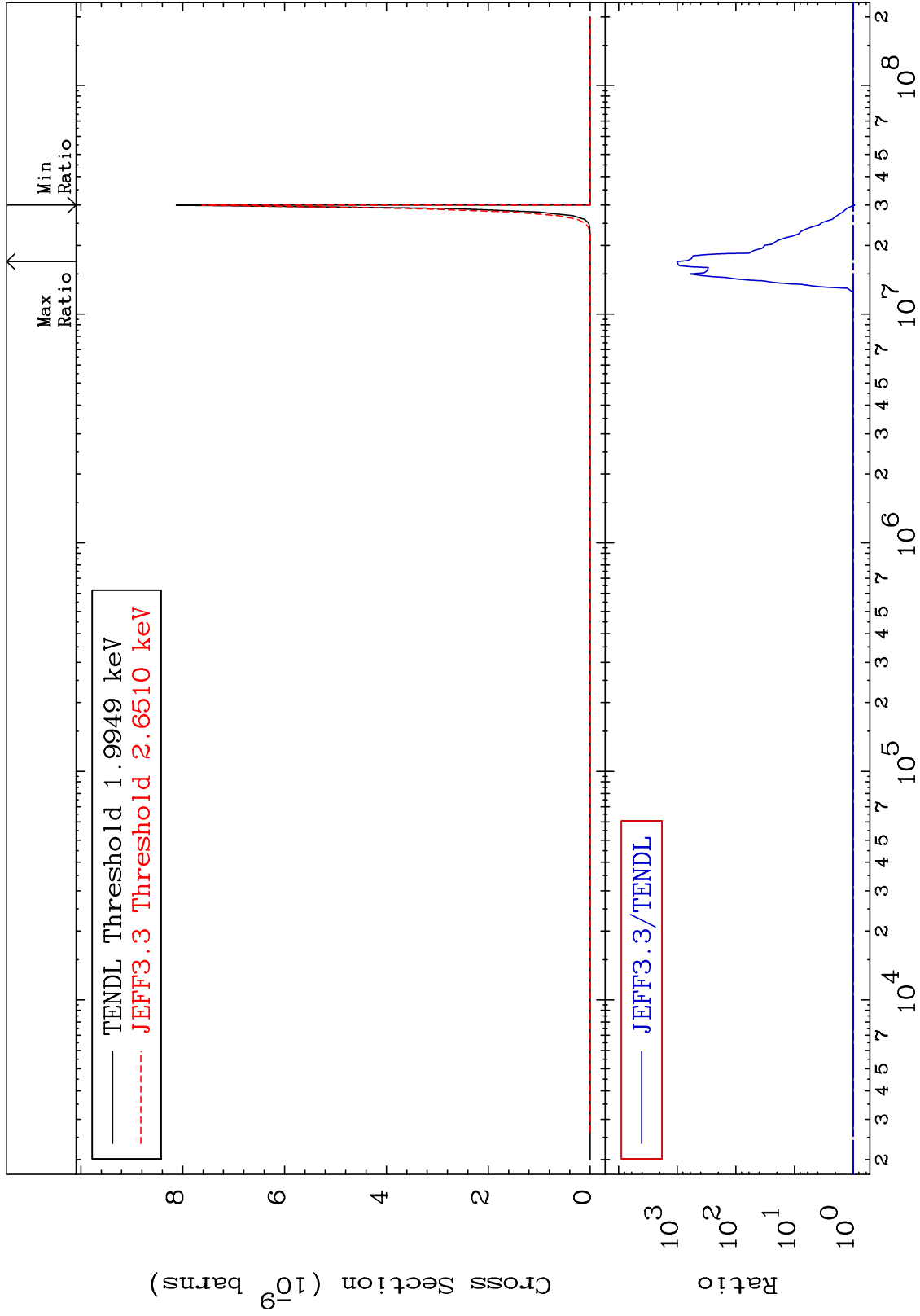
Incident Energy (eV)

10

MAT 6637

(n, n') 2α
Cross Section

66-Dy-160
-6.202 To 9999. %



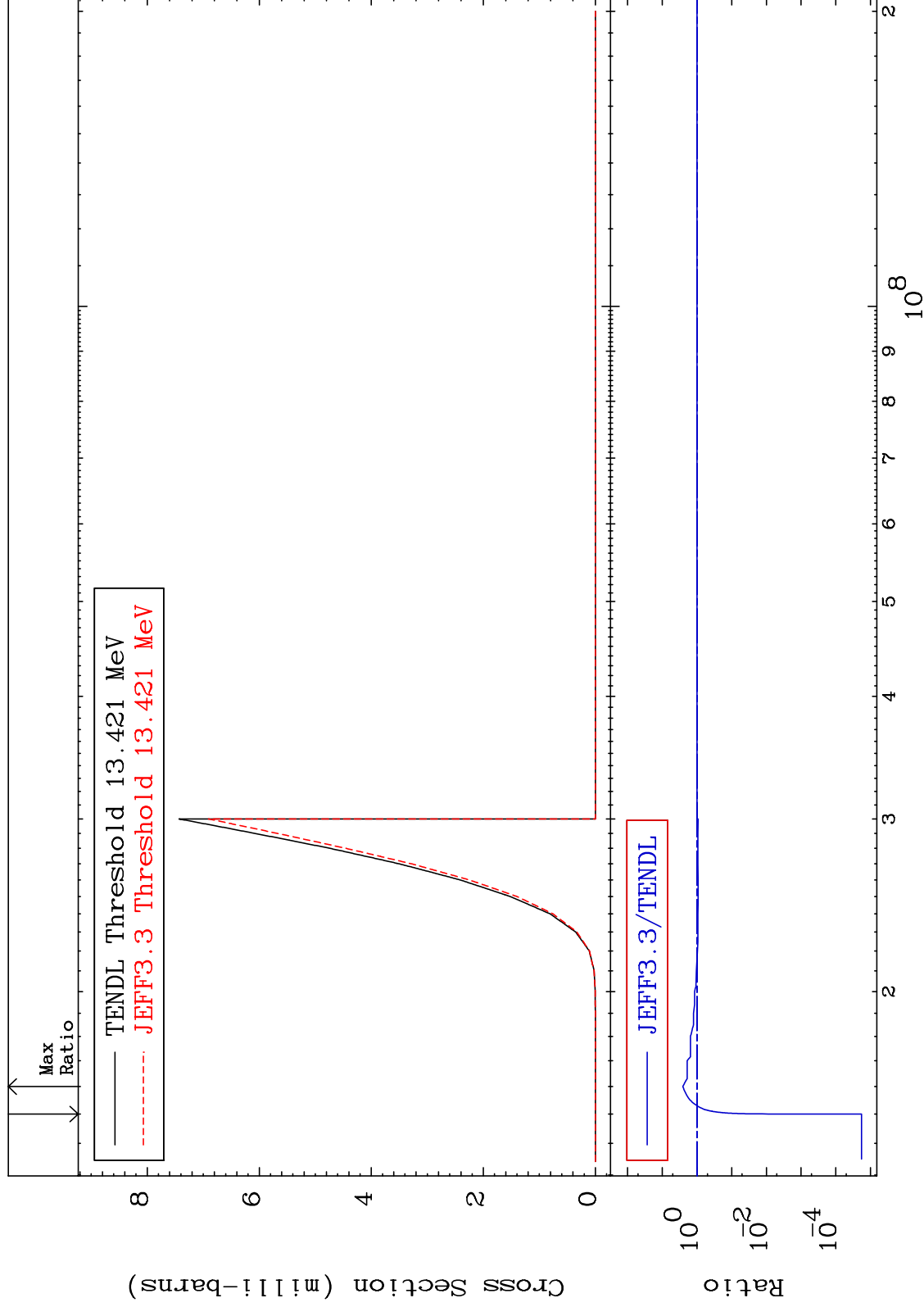
MAT 6637

(n, n') d

66-Dy-160

Cross Section

-100.0 To 154.3 %



MAT 6637

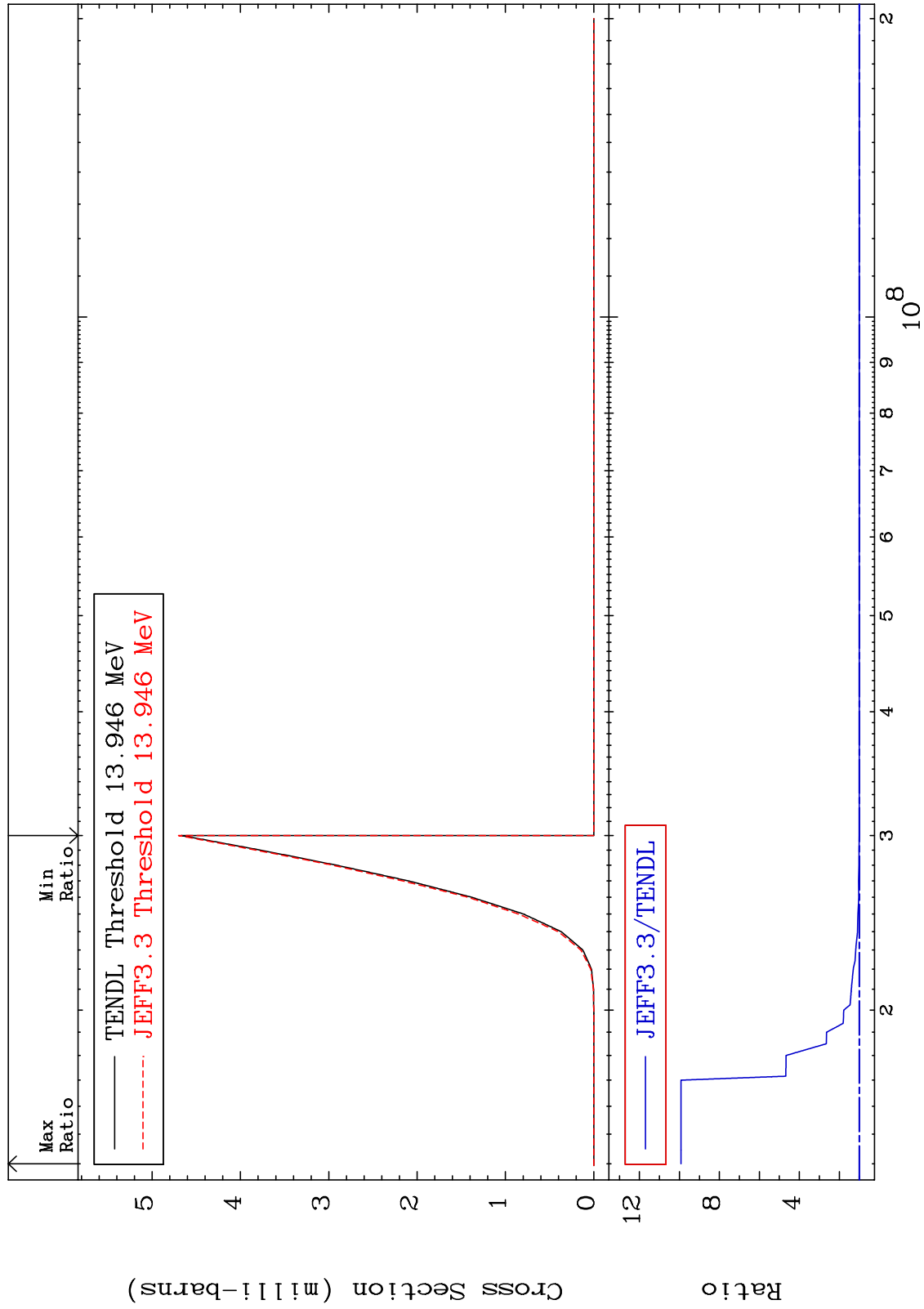
(n, n') t

66-Dy-160

Cross Section

0.000

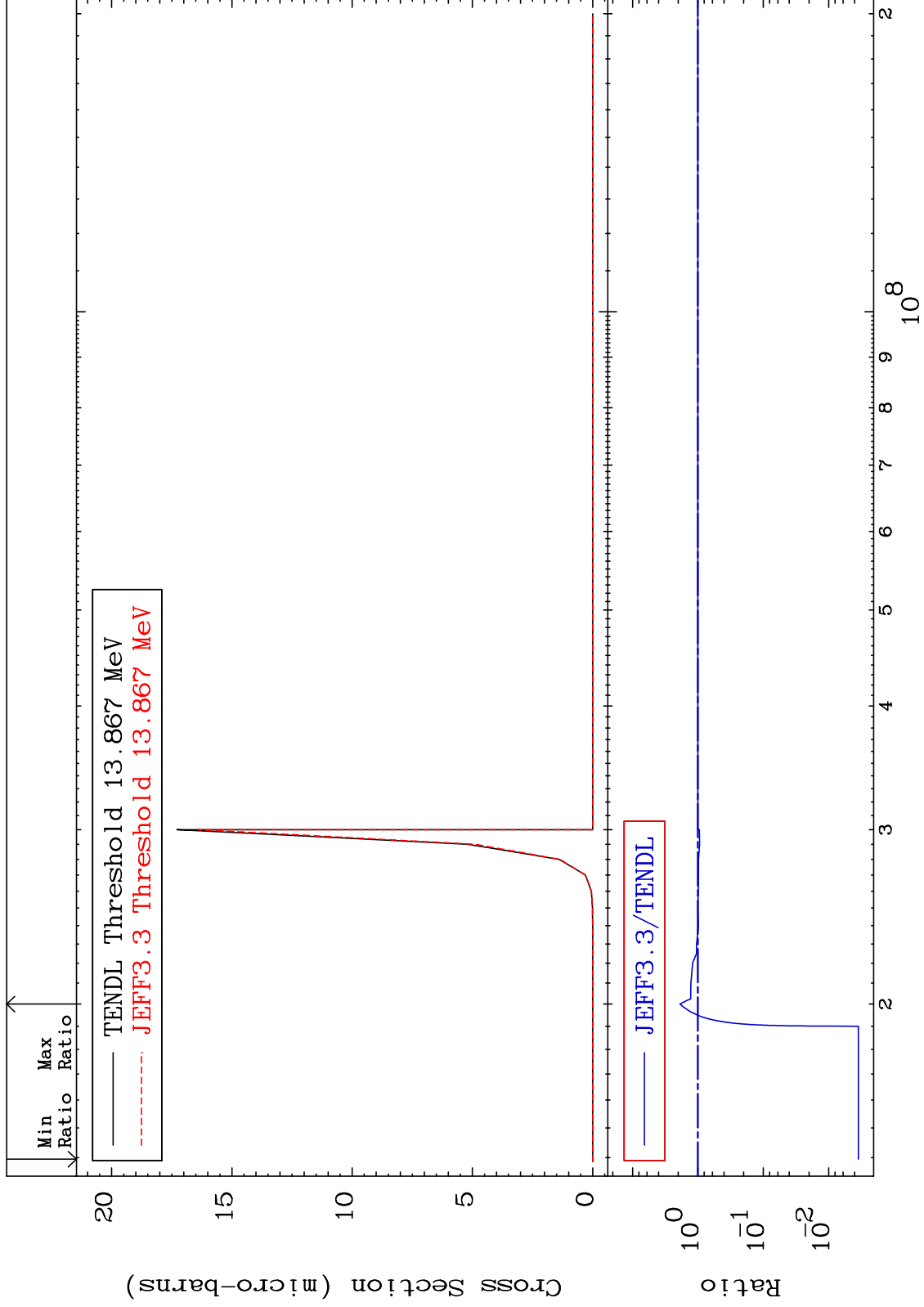
To 891.8 %



MAT 6637

(n, n') He-3
Cross Section

66-Dy-160
-99.65 To 87.94 %



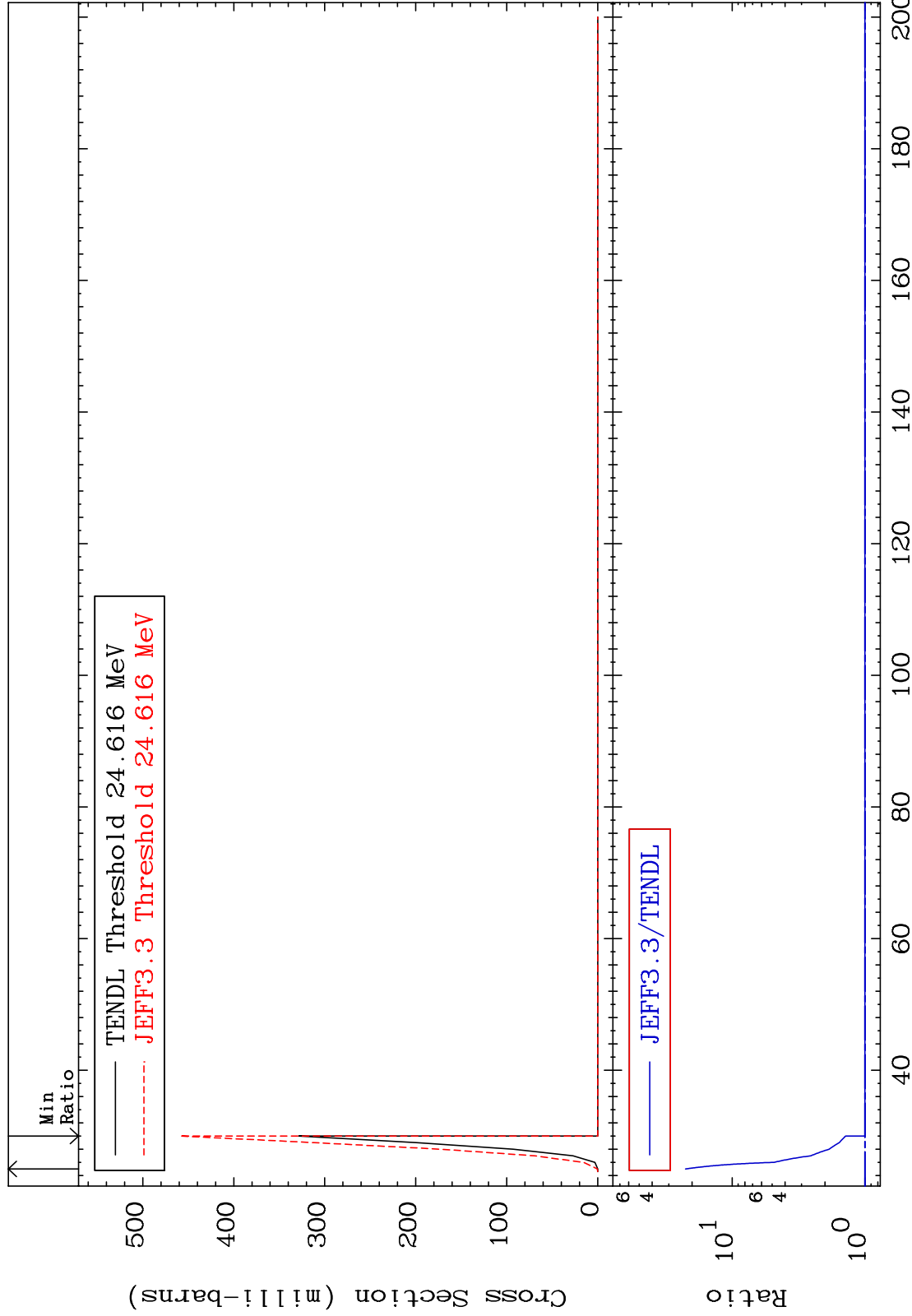
MAT 6637

(n, 4n)

66-Dy-160

Cross Section

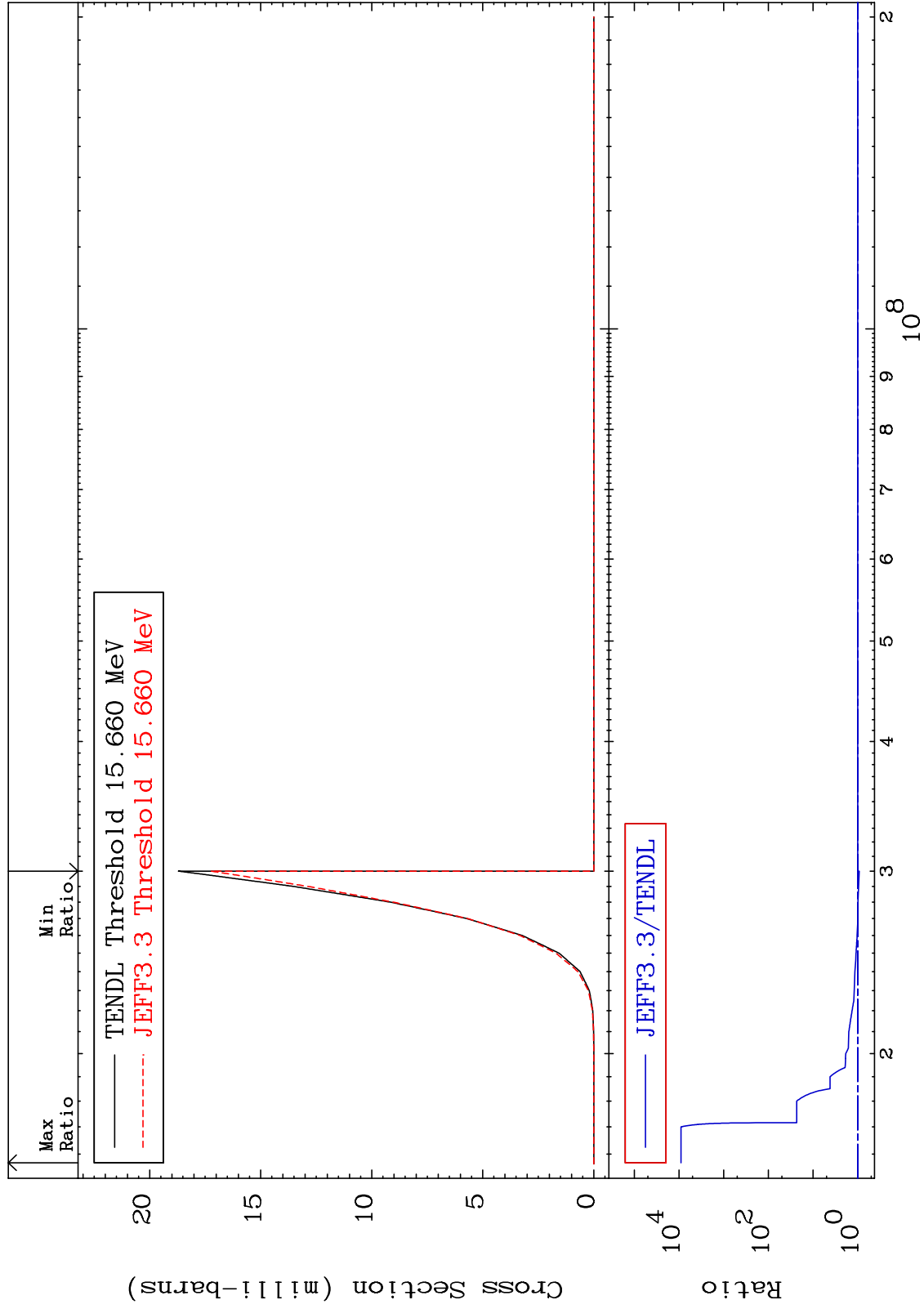
0.000 To 2140. %



MAT 6637

(n,2n) p
Cross Section

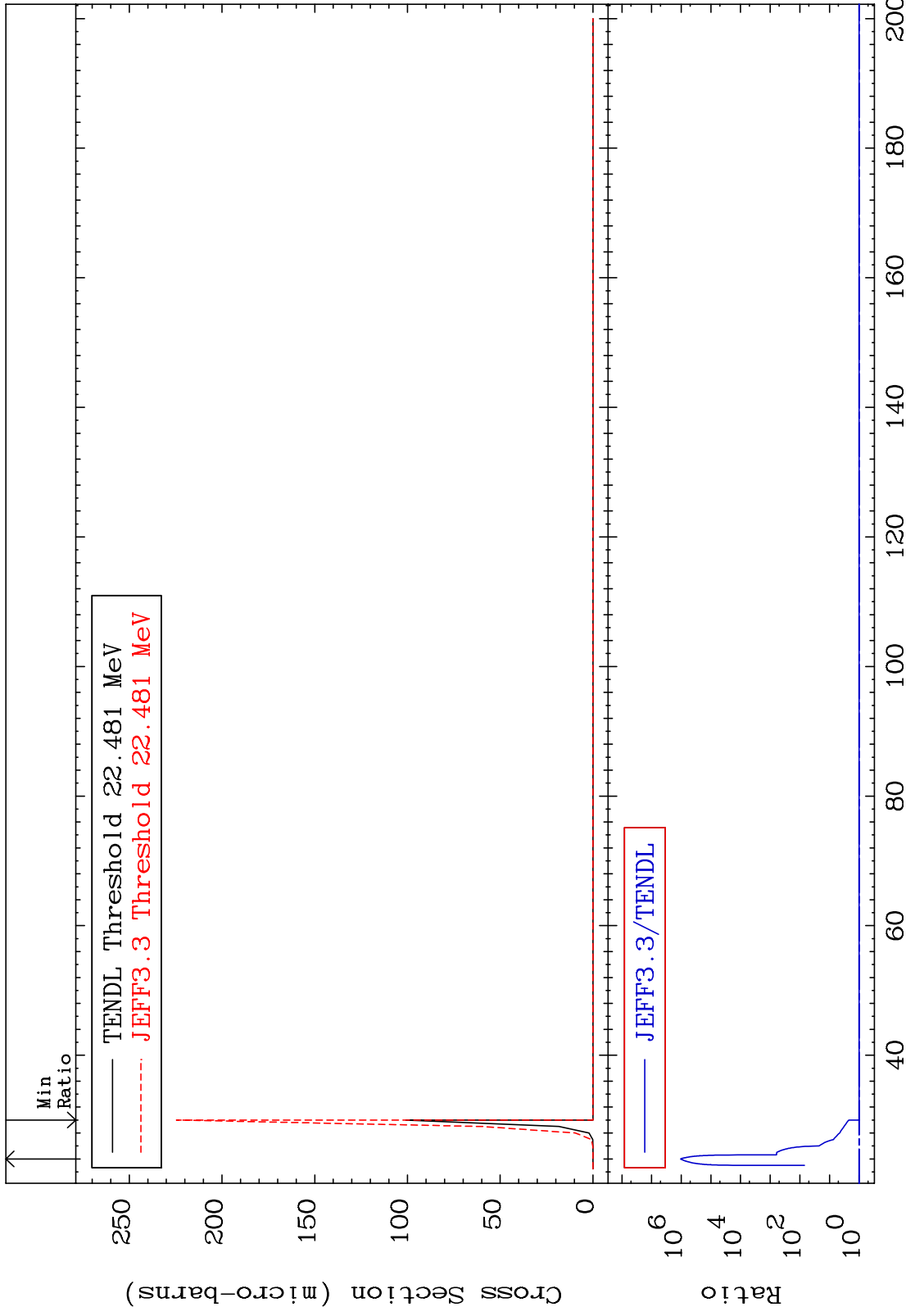
66-Dy-160
-7.776 To 9999. %



MAT 6637

(n,3n) p
Cross Section

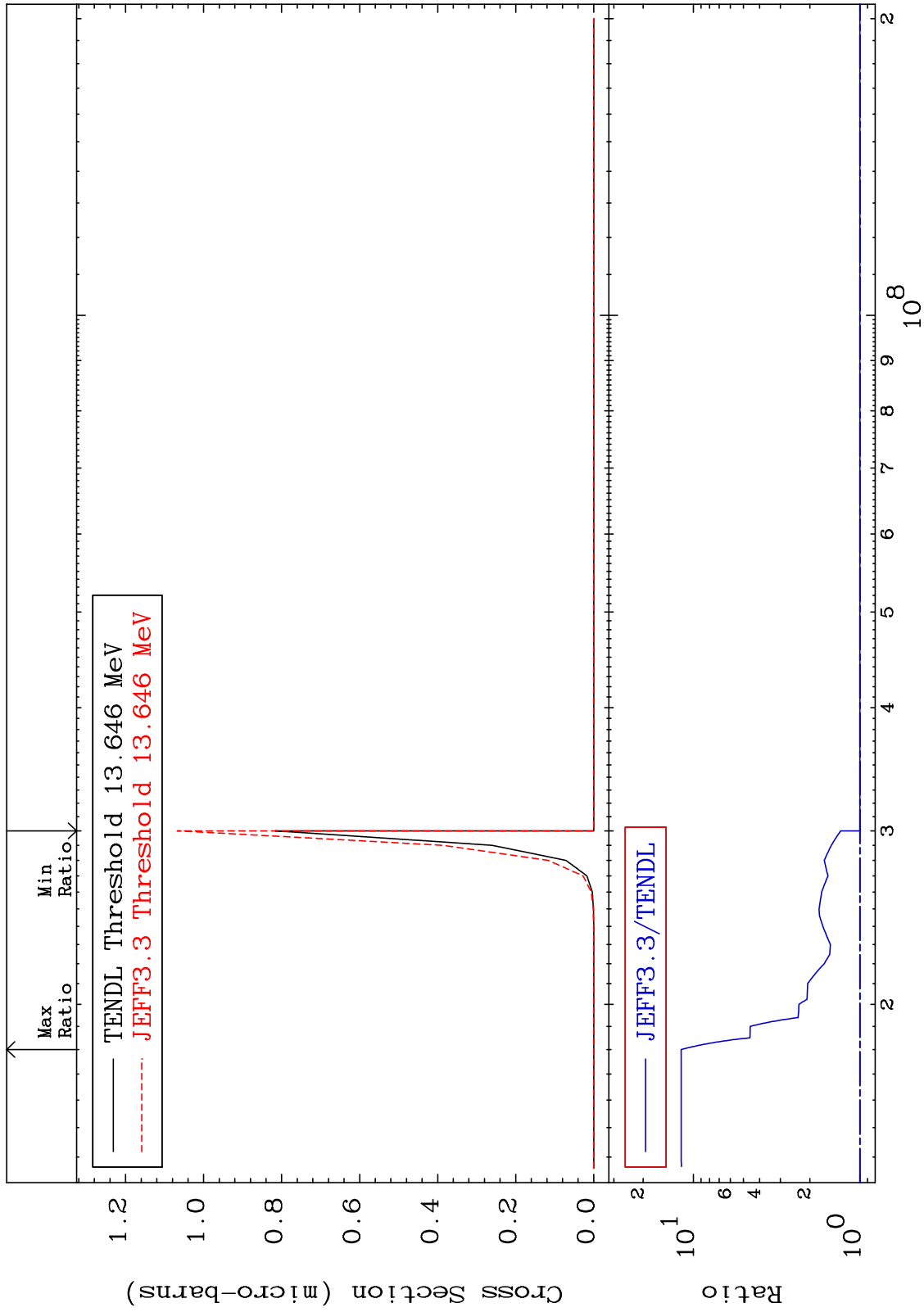
66-Dy-160
0.000 To 9999. %



MAT 6637

(n,2n) p
Cross Section

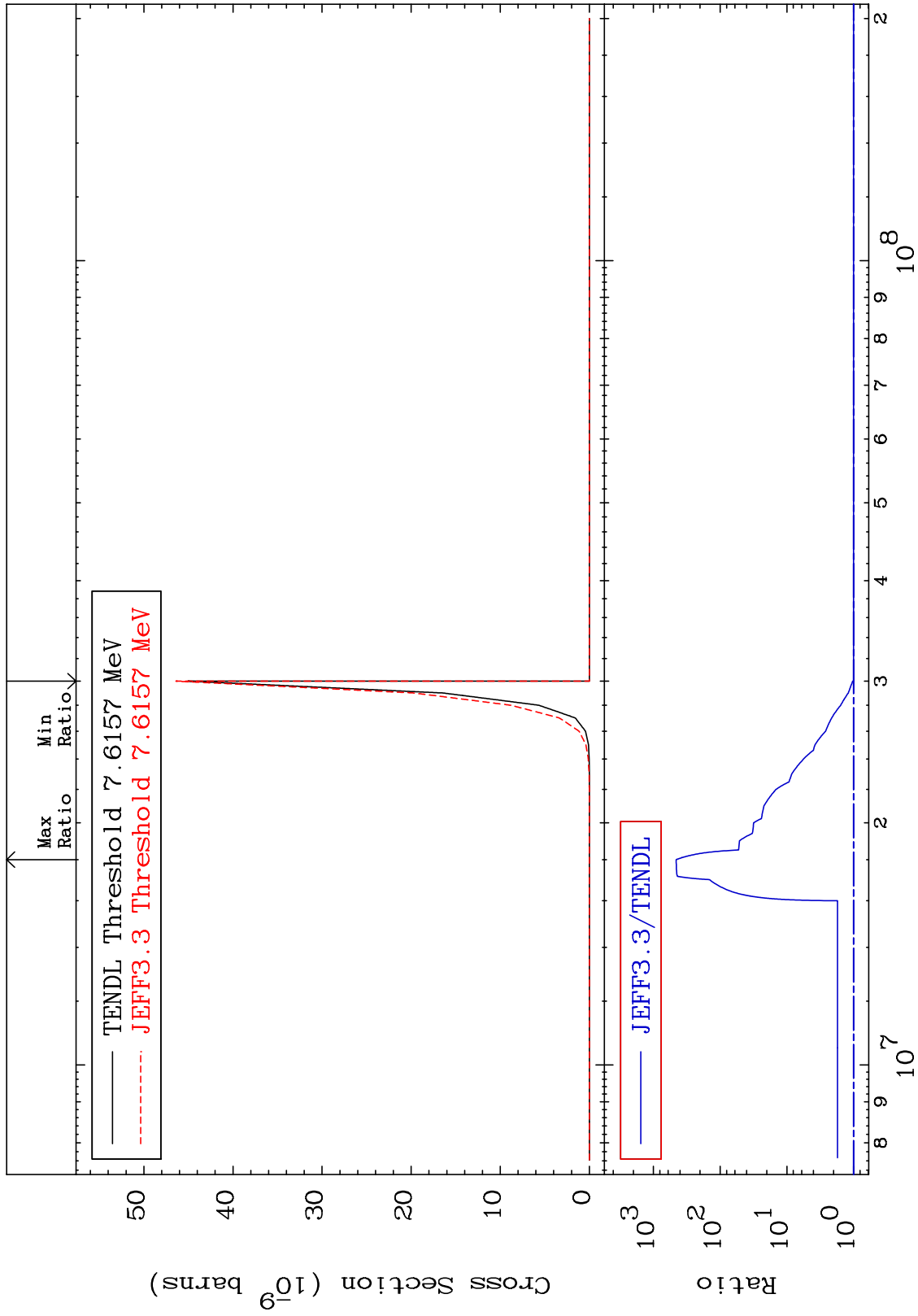
66-Dy-160
To 1083. %
0.000



MAT 6637

(n,n') p α
Cross Section

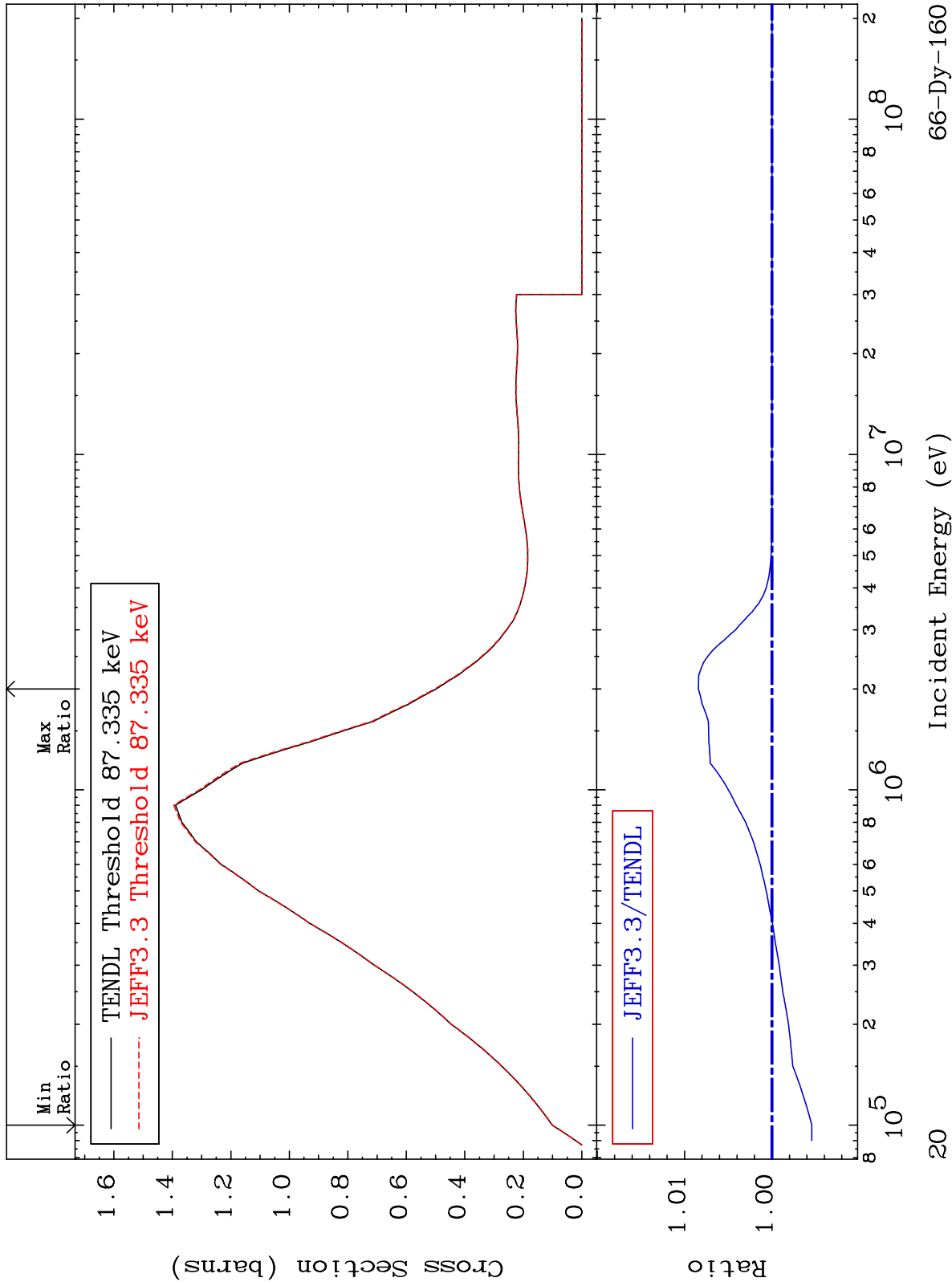
66-Dy-160
0.000 To 9999. %



MAT 6637

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

66-Dy-160
-0.456 To 0.842 %



66-Dy-160

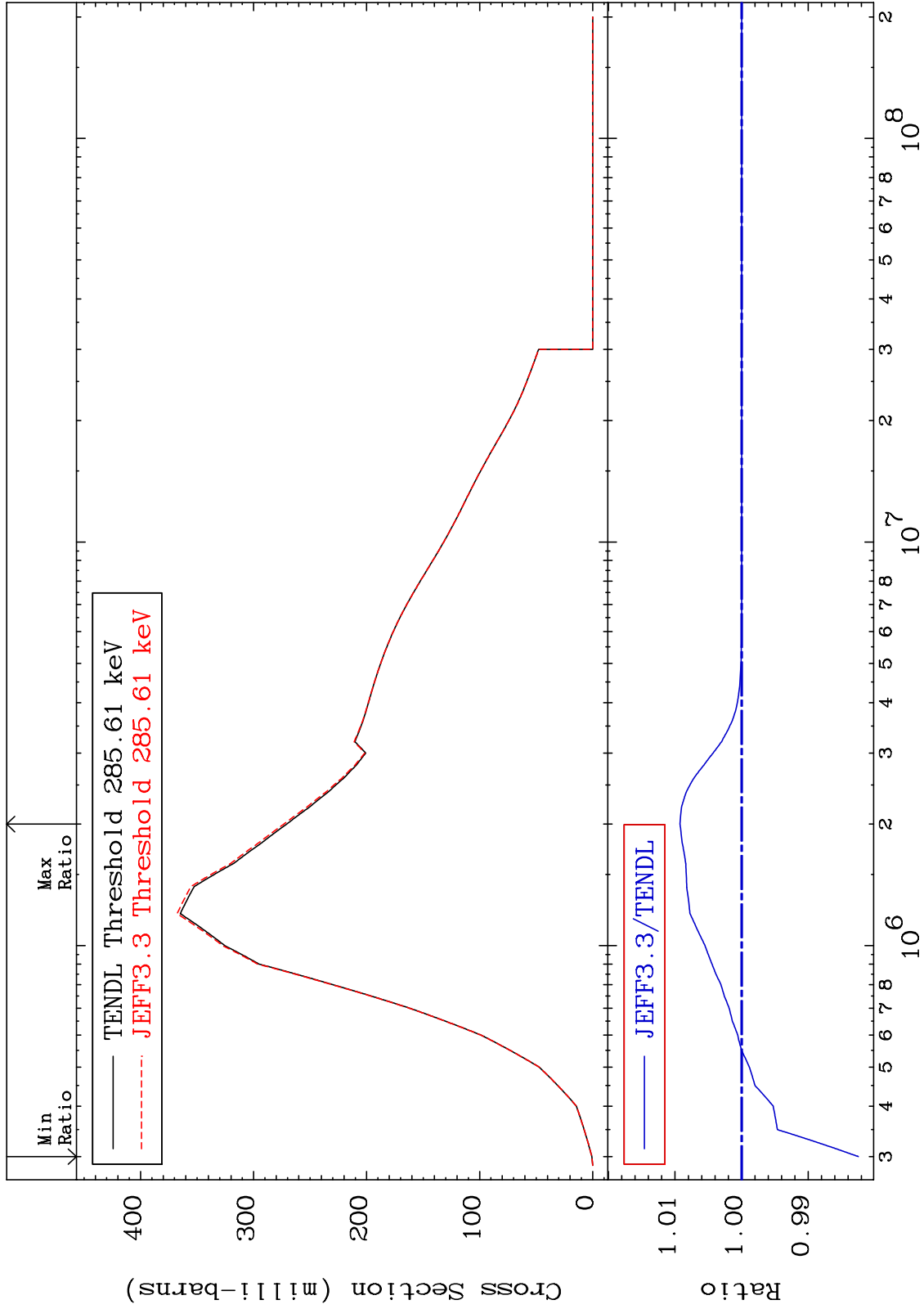
Incident Energy (eV)

20

MAT 6637

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

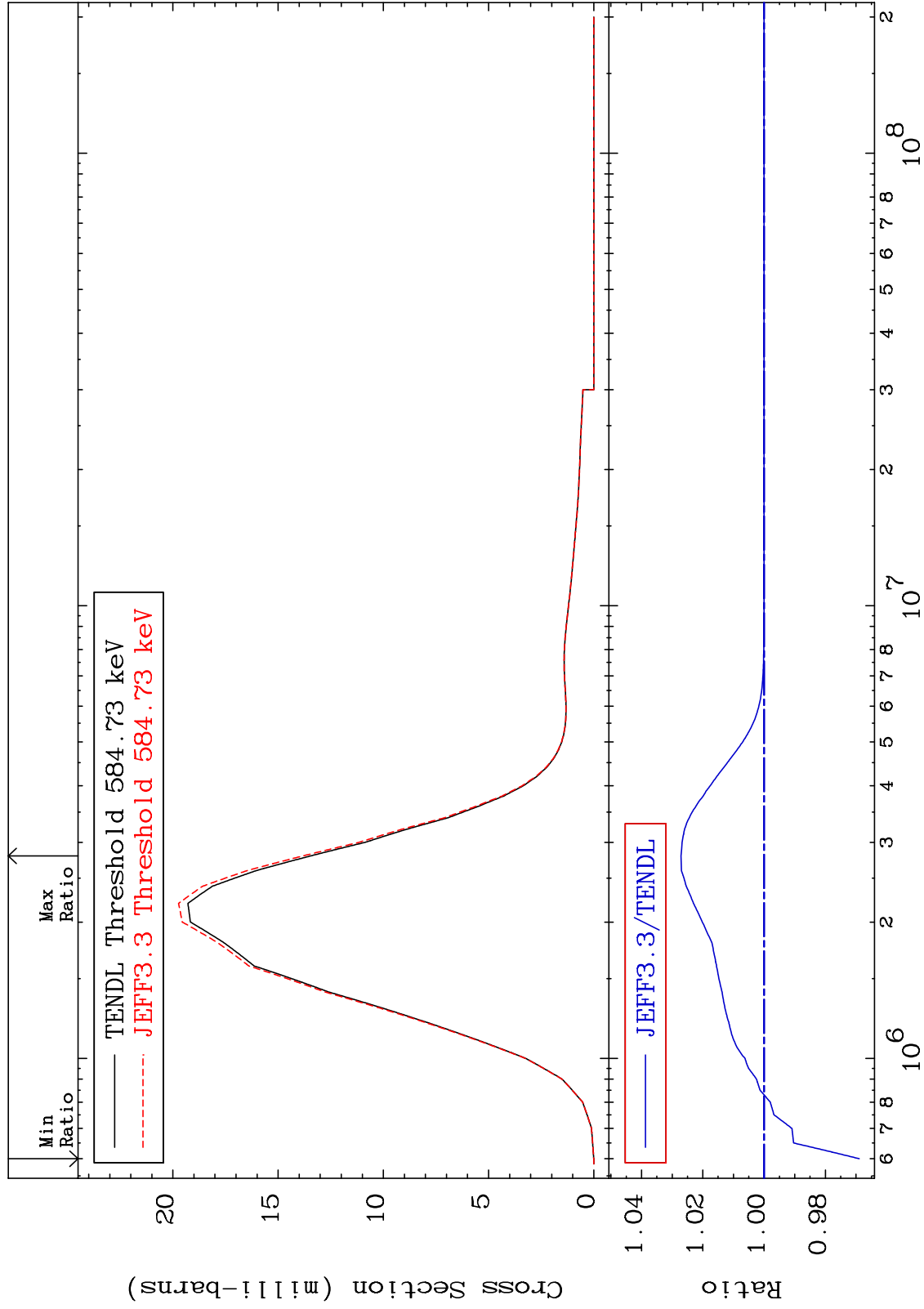
66-Dy-160
-1.754 To 0.925 %



MAT 6637

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

66-Dy-160
-3.105 To 2.710 %



22

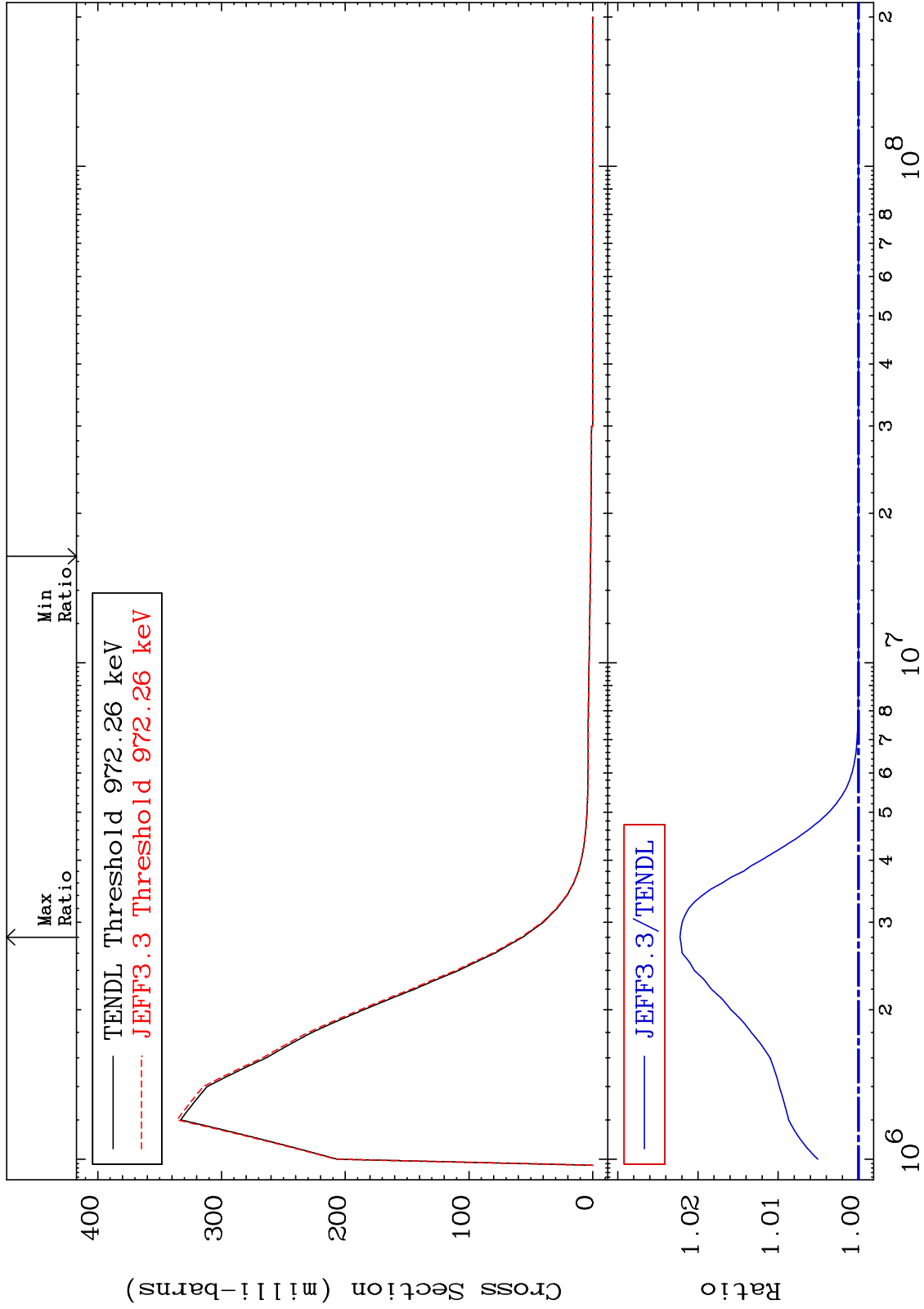
Incident Energy (eV)

66-Dy-160

MAT 6637

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

66-Dy-160
To 2.224 %
0.000



Incident Energy (eV)

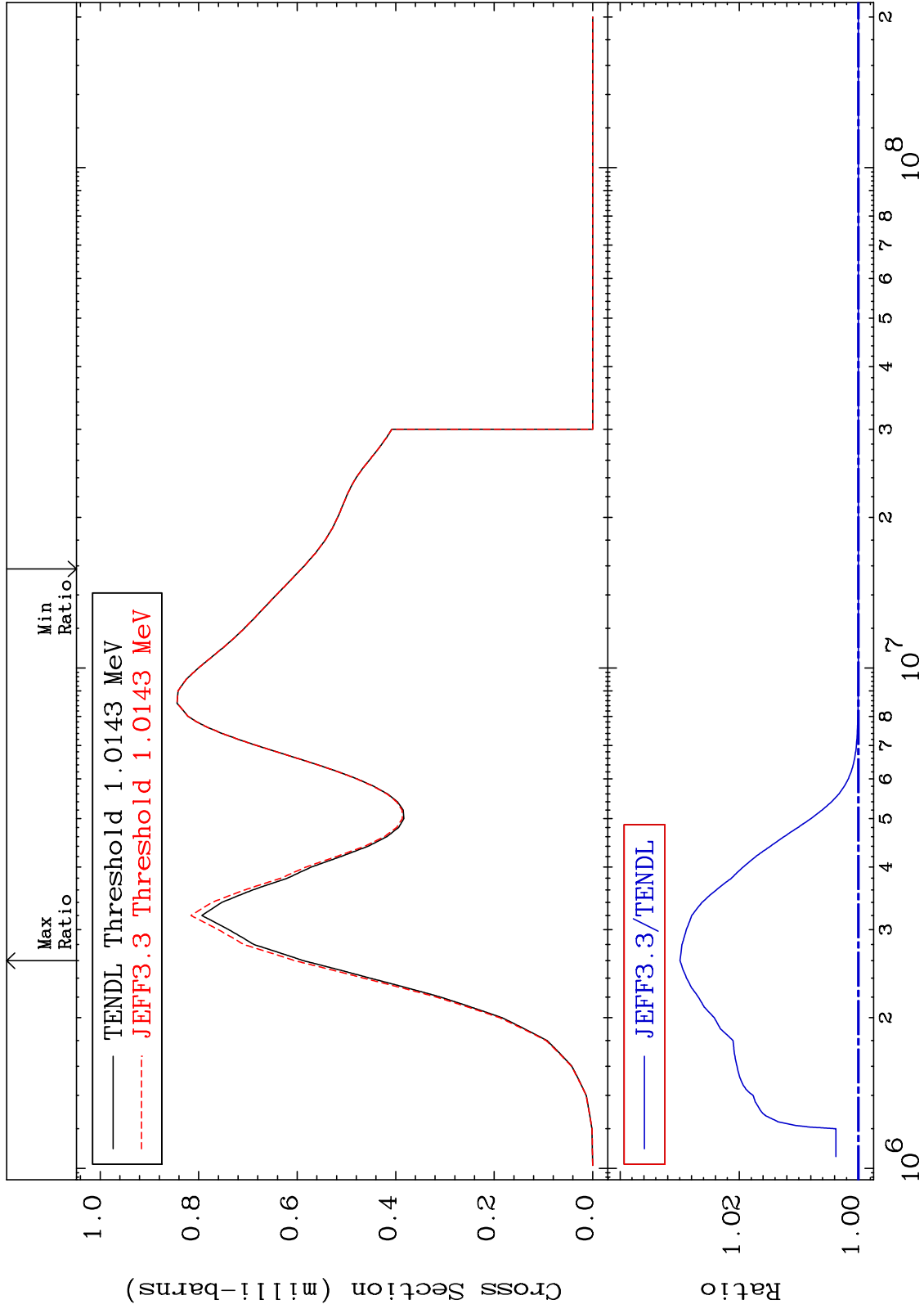
66-Dy-160

23

MAT 6637

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

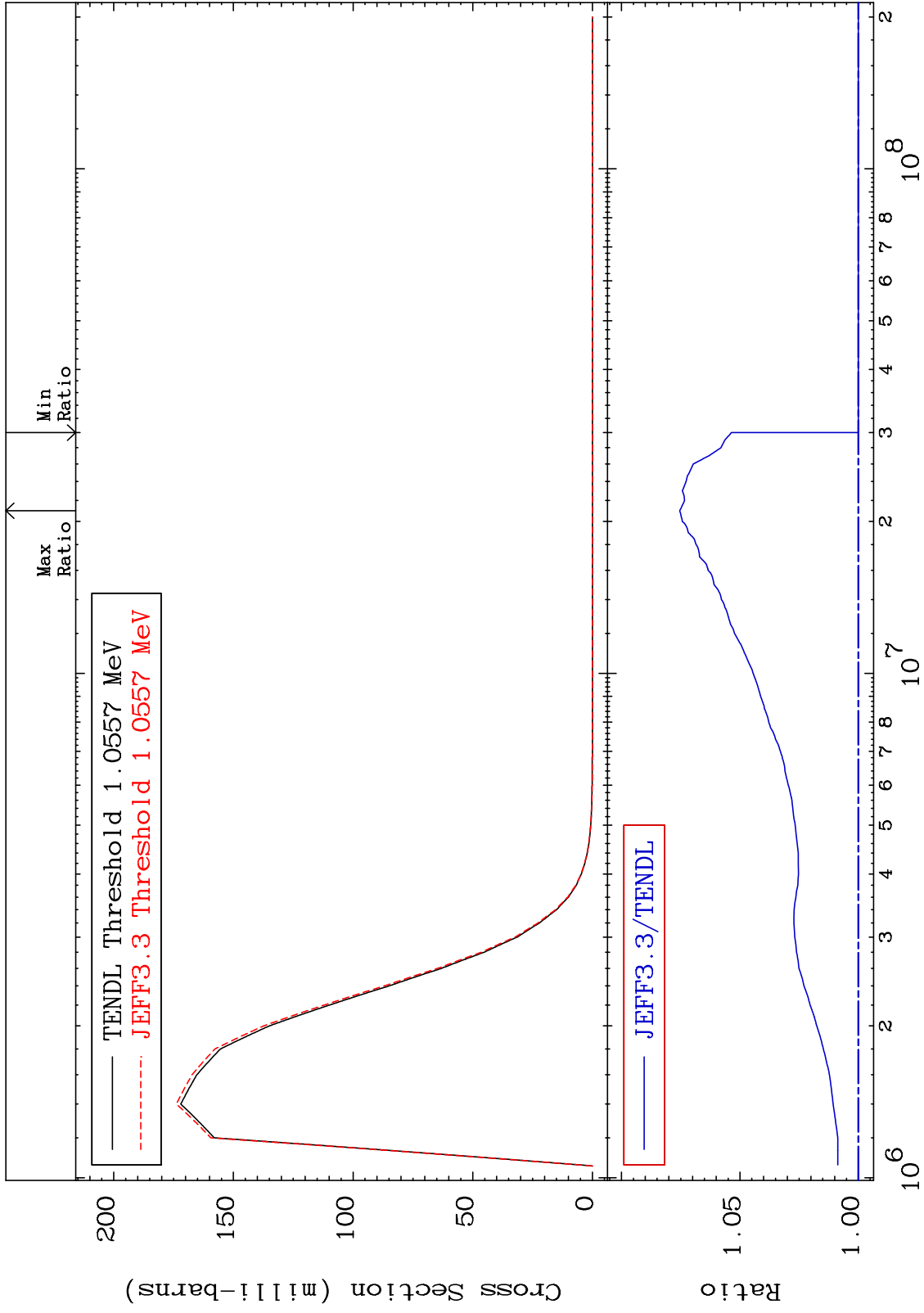
66-Dy-160
0.000 To 2.994 %



MAT 6637

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

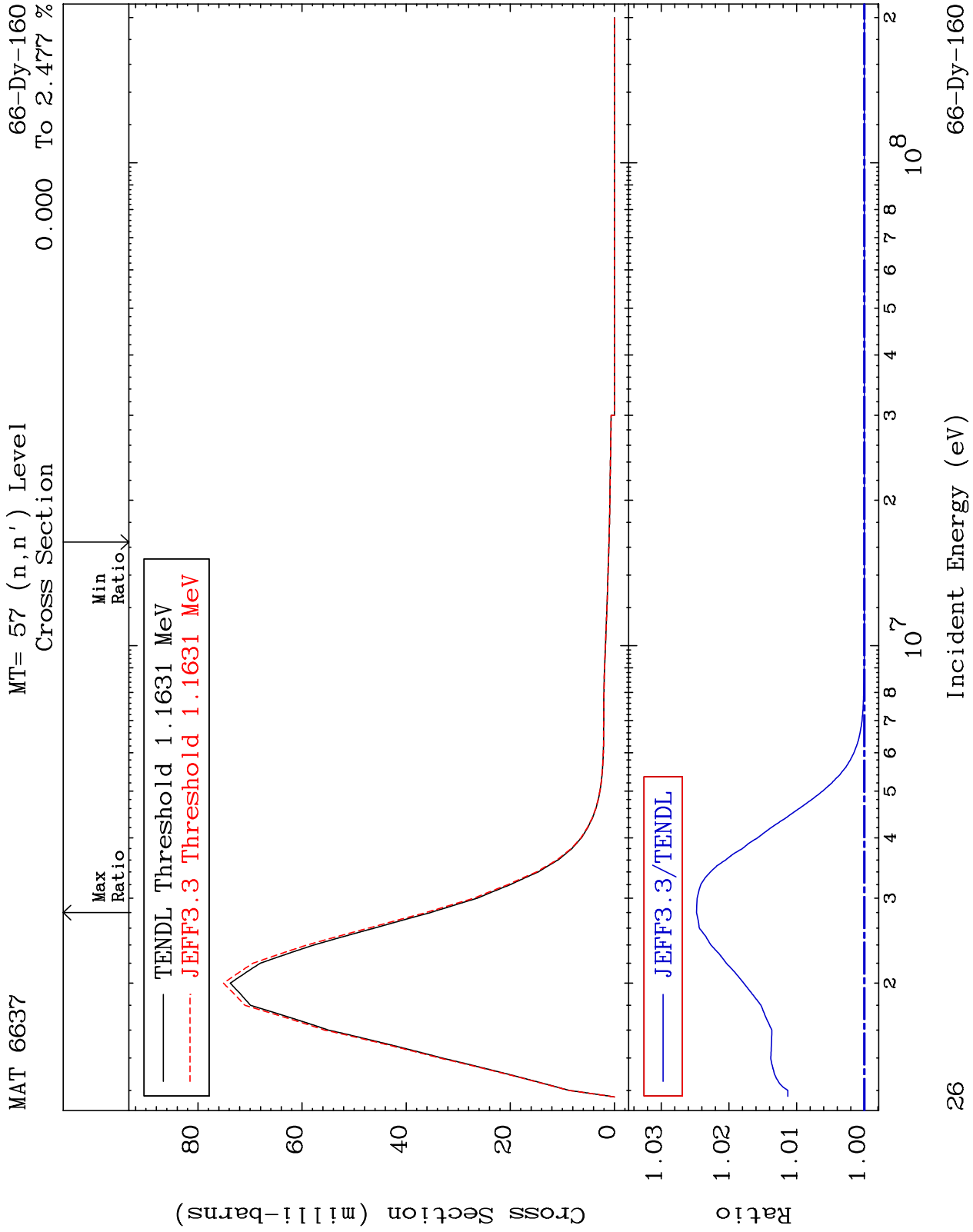
66-Dy-160
To 7.539 %
0.000



25

Incident Energy (eV)

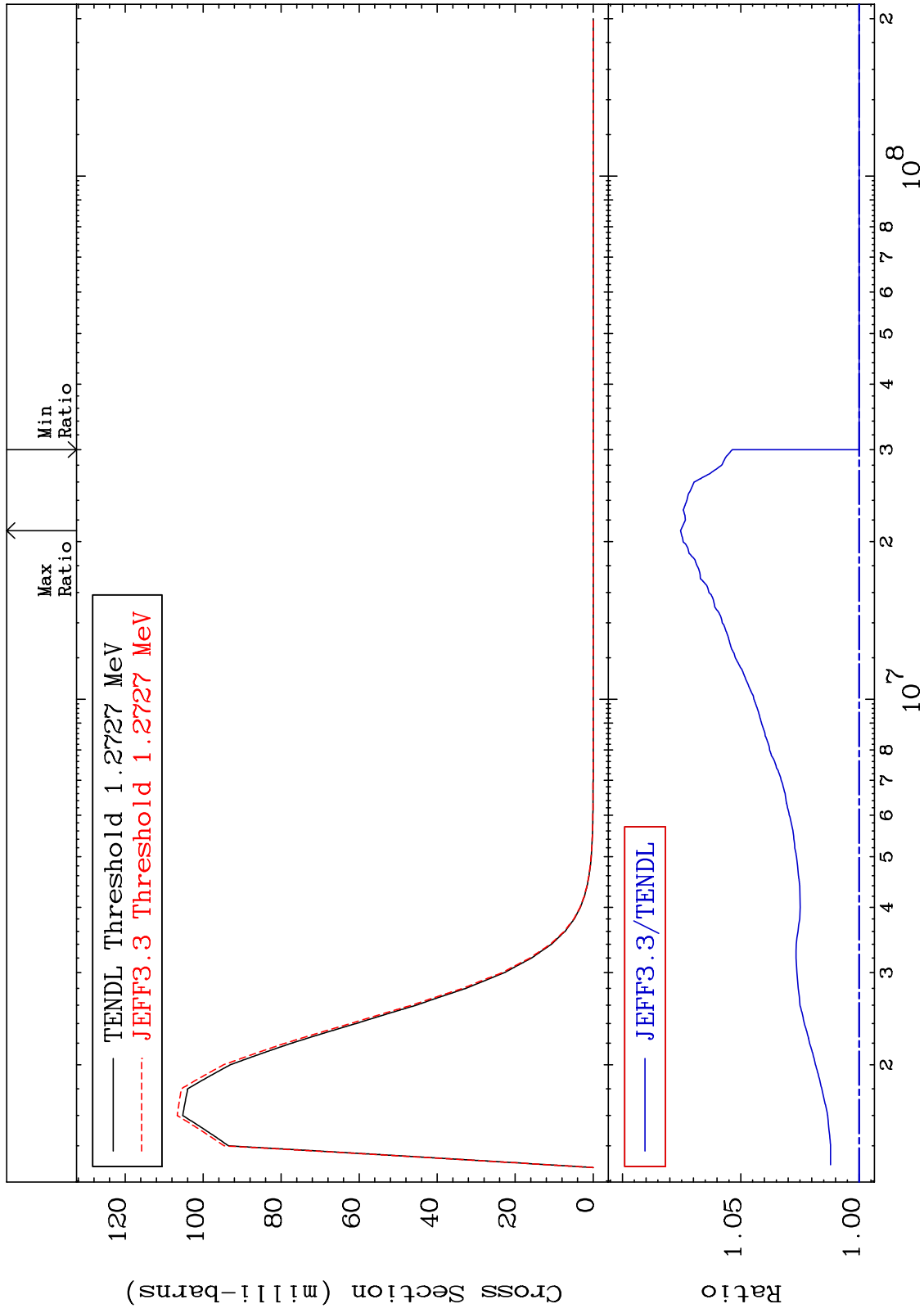
66-Dy-160



MAT 6637

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

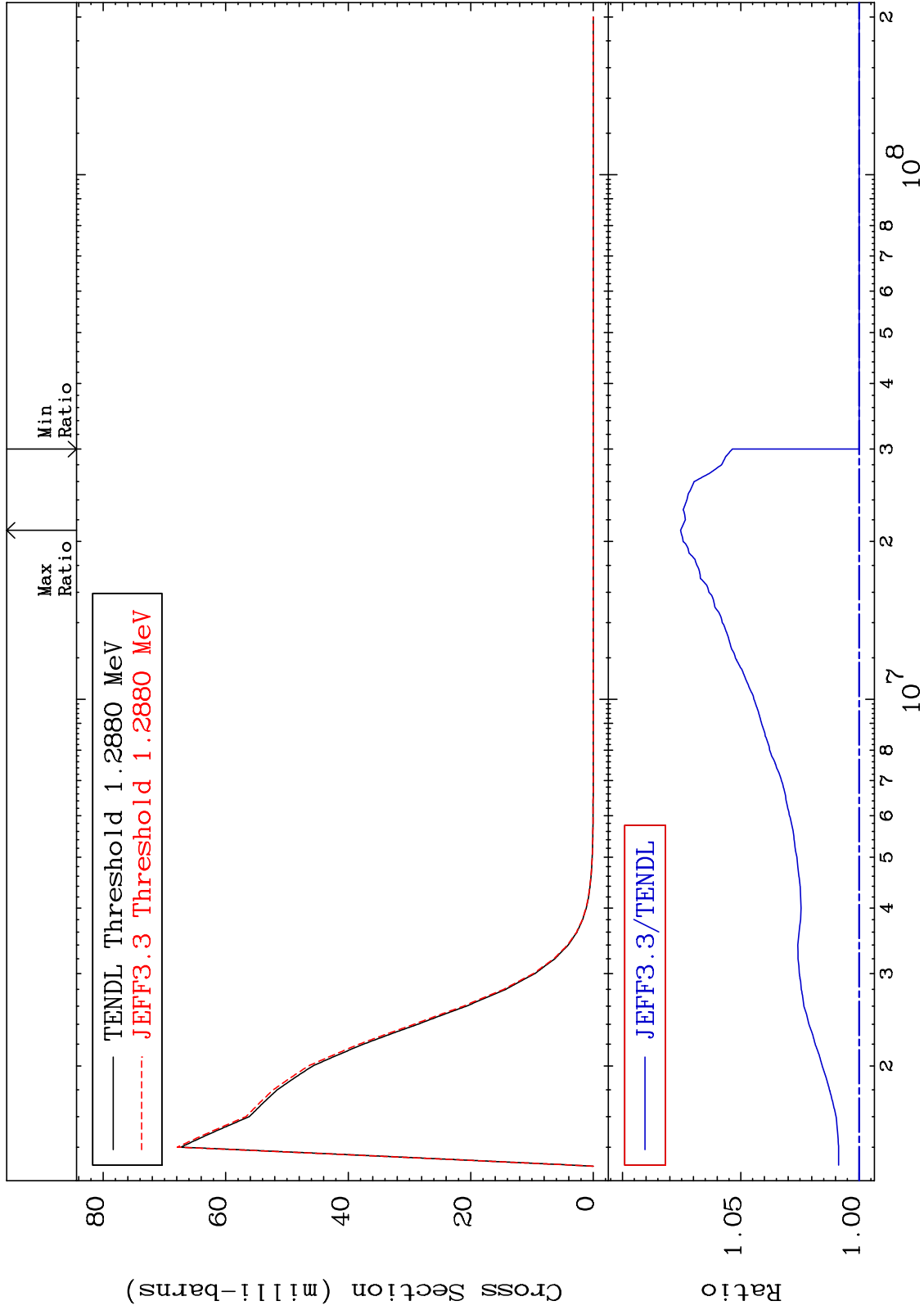
66-Dy-160
To 7.541 %
0.000

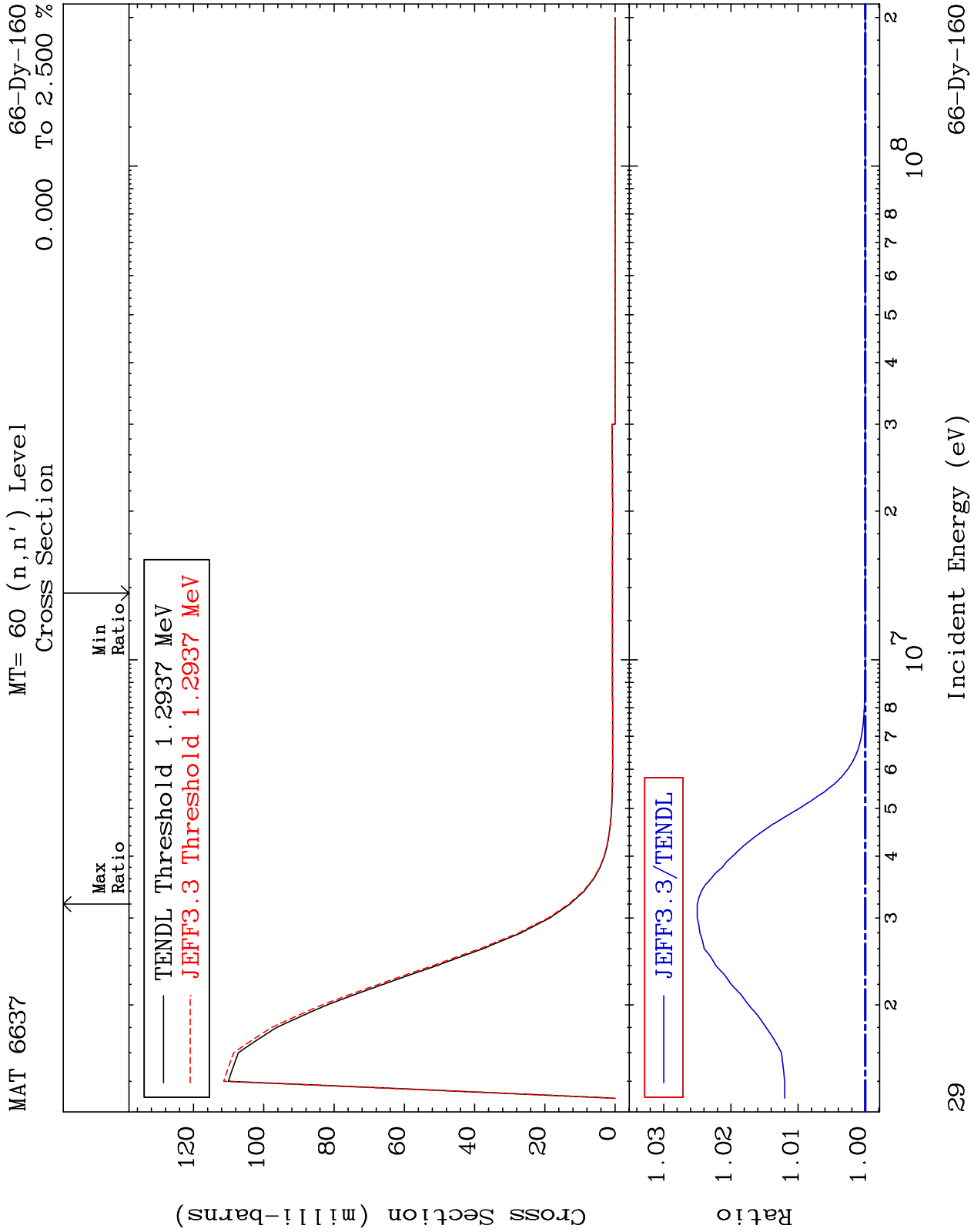


MAT 6637

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

66-Dy-160
0.000 To 7.542 %

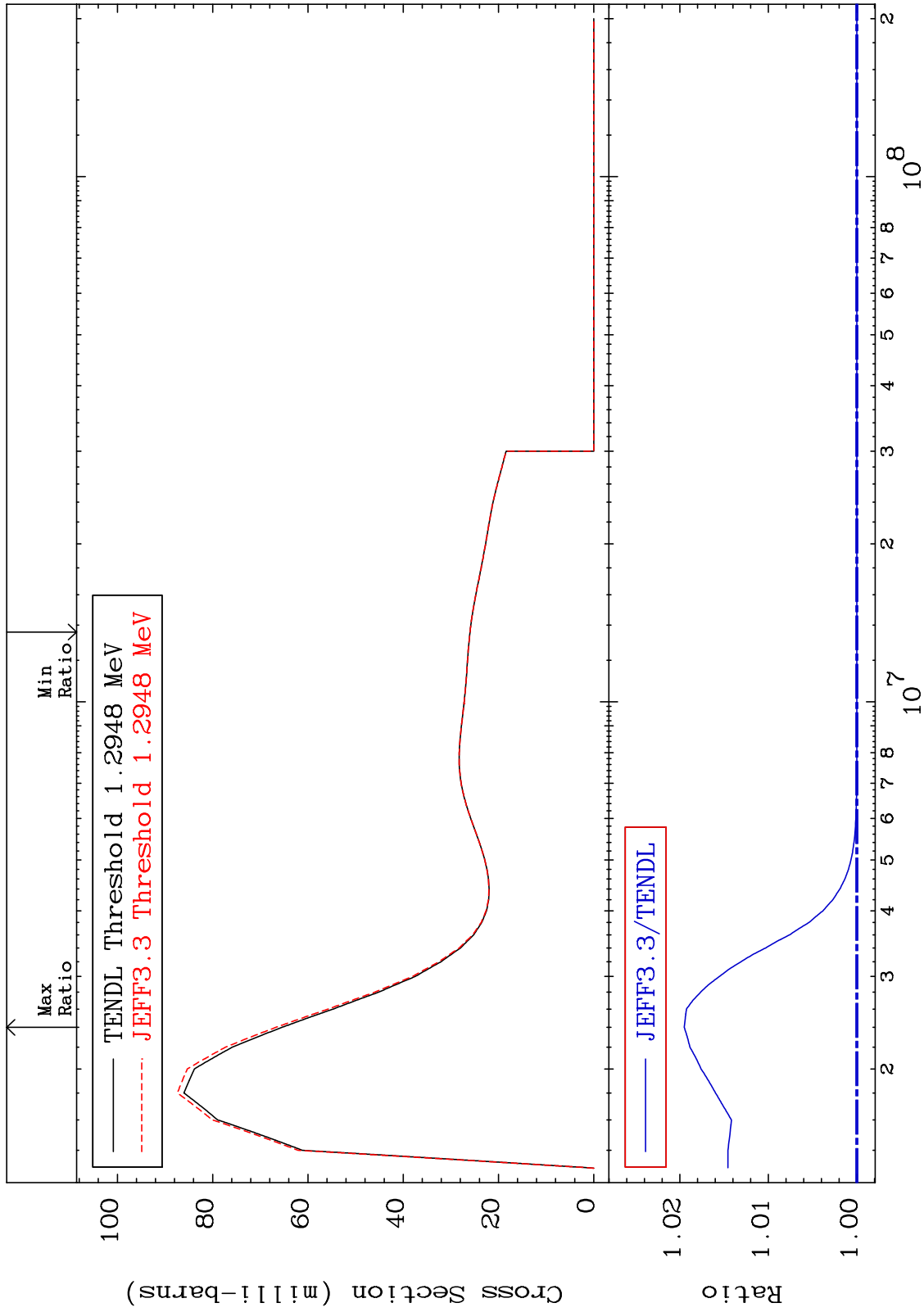




MAT 6637

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

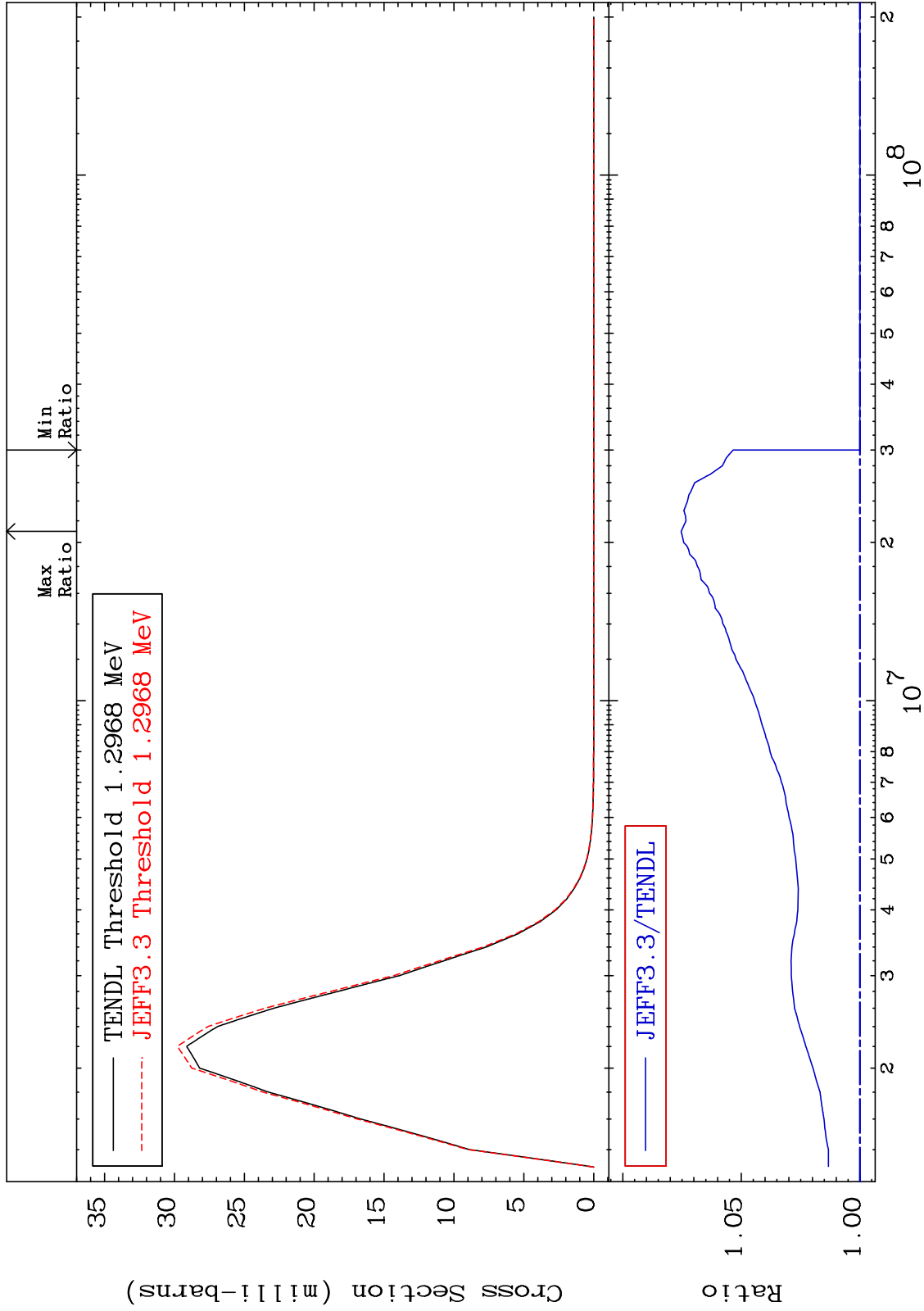
66-Dy-160
0.000 To 1.951 %



MAT 6637

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

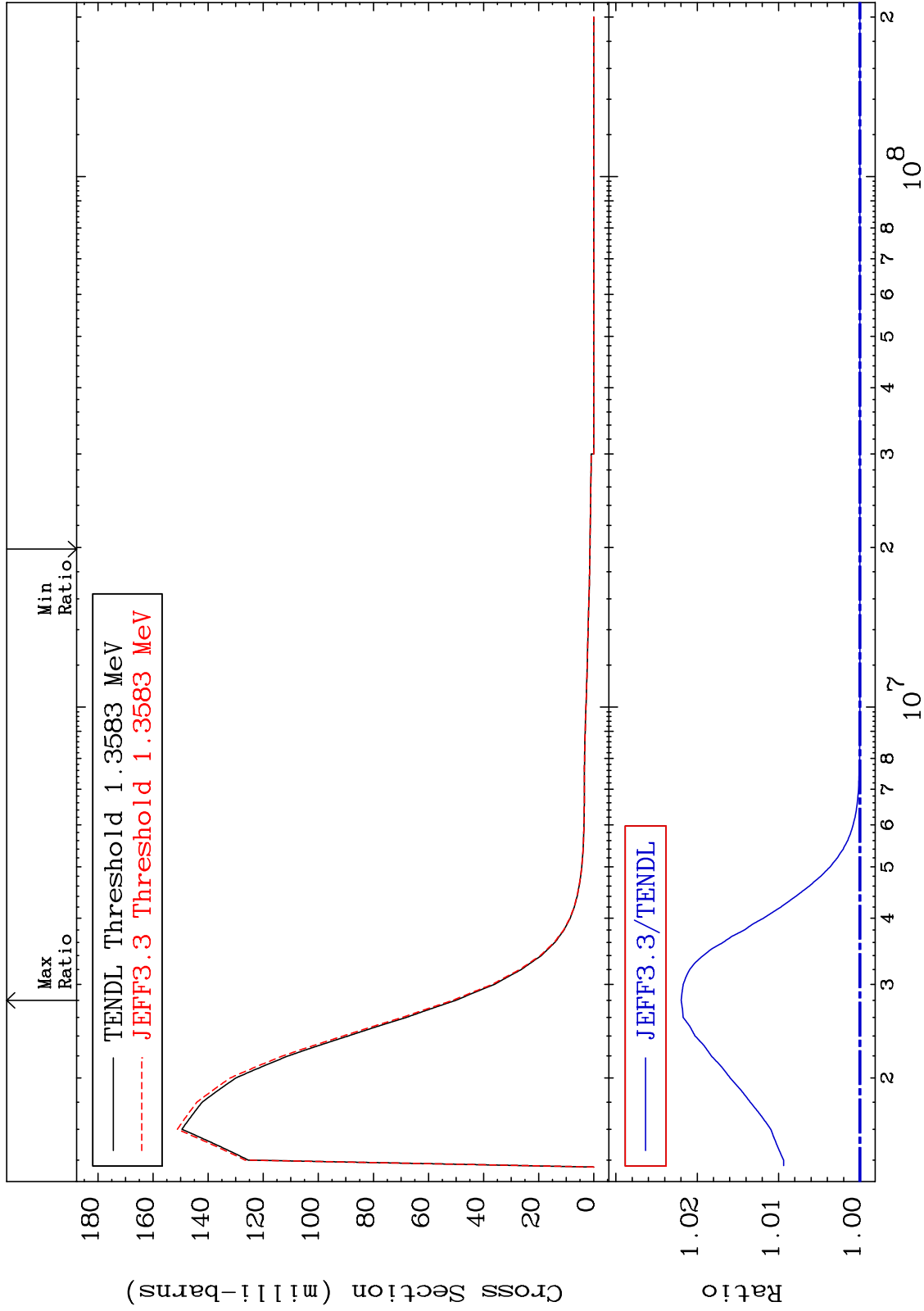
66-Dy-160
To 7.534 %
0.000



MAT 6637

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

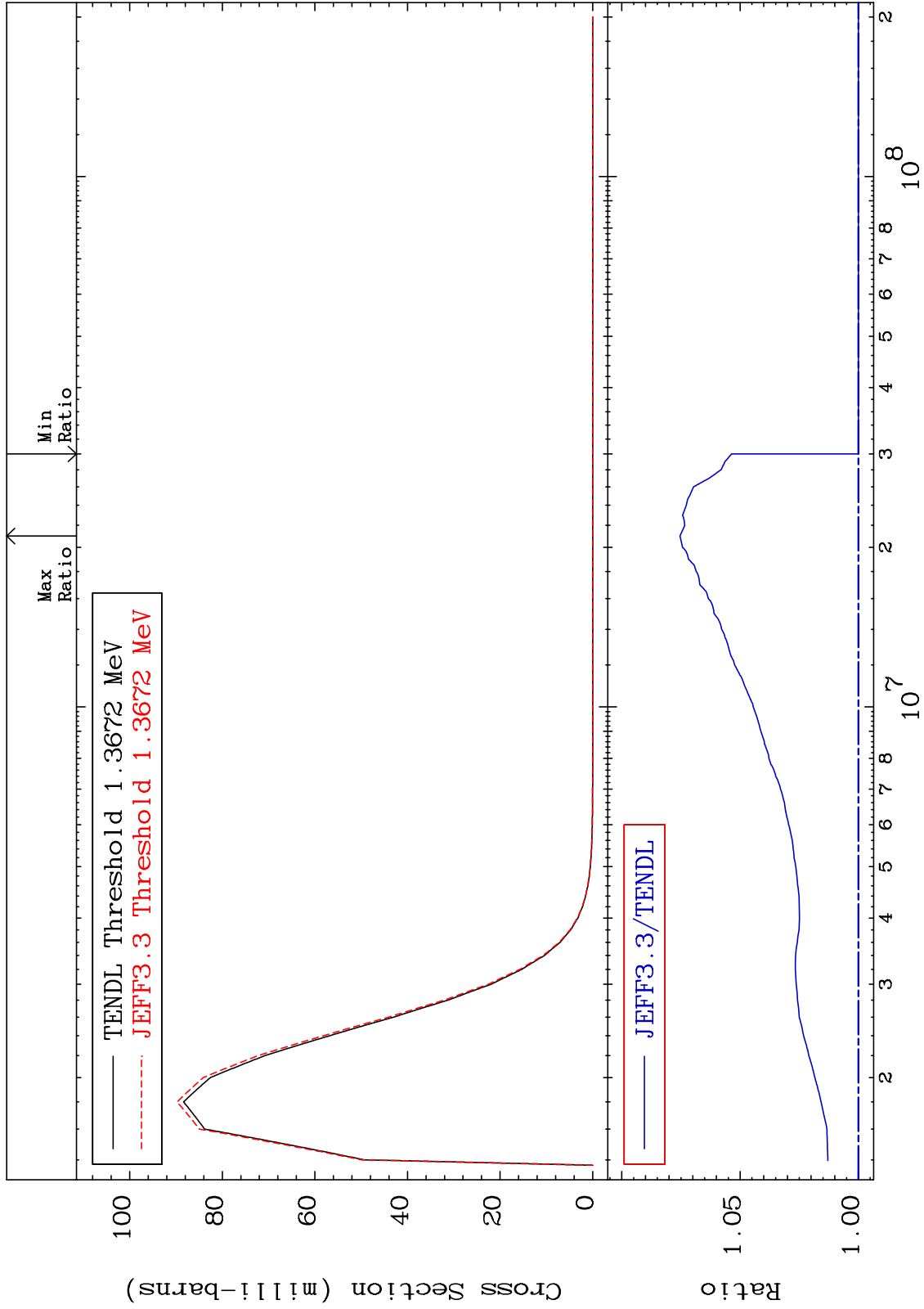
66-Dy-160
To 2.197 %
0.000



MAT 6637

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

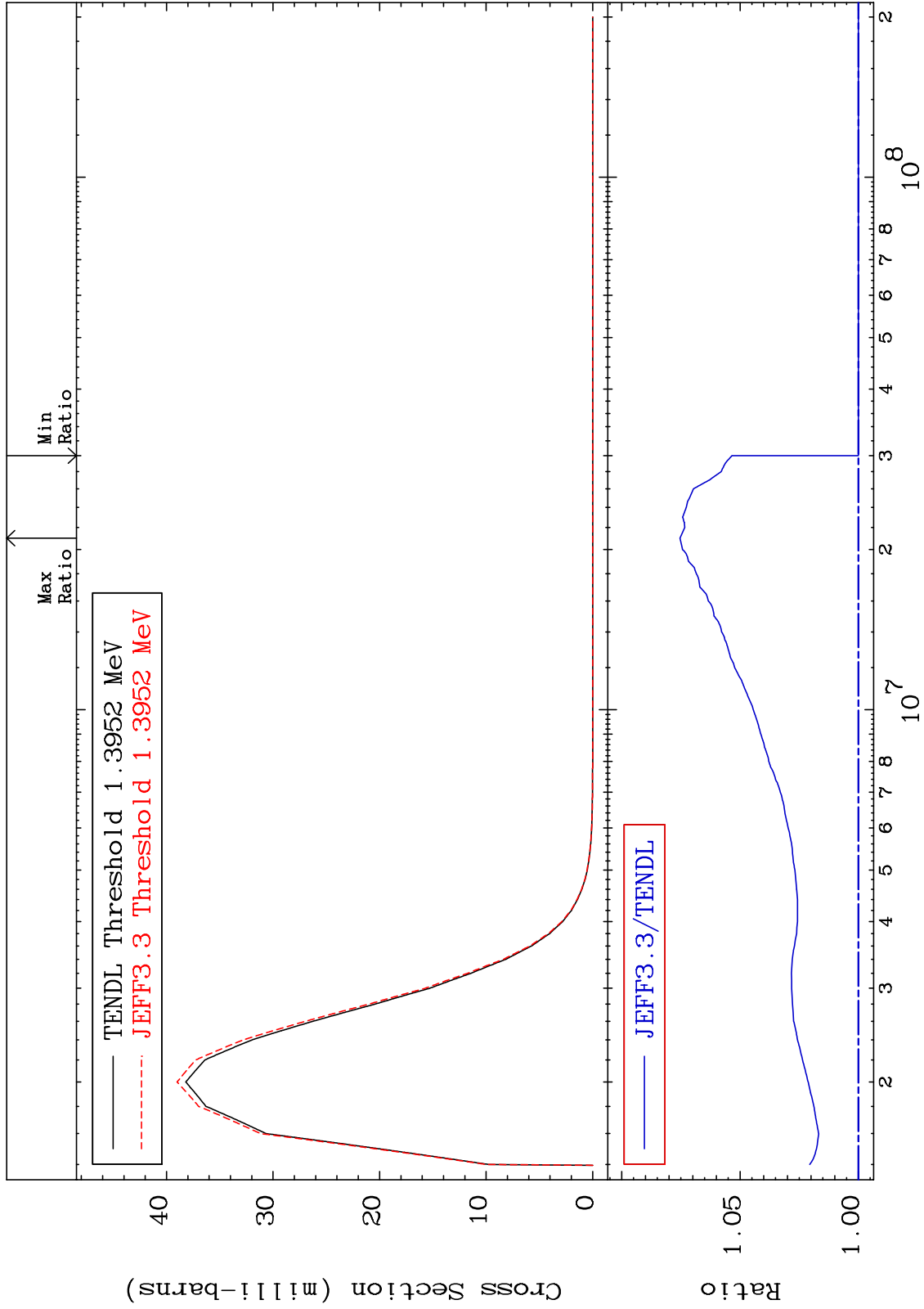
66-Dy-160
To 7.540 %
0.000



MAT 6637

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

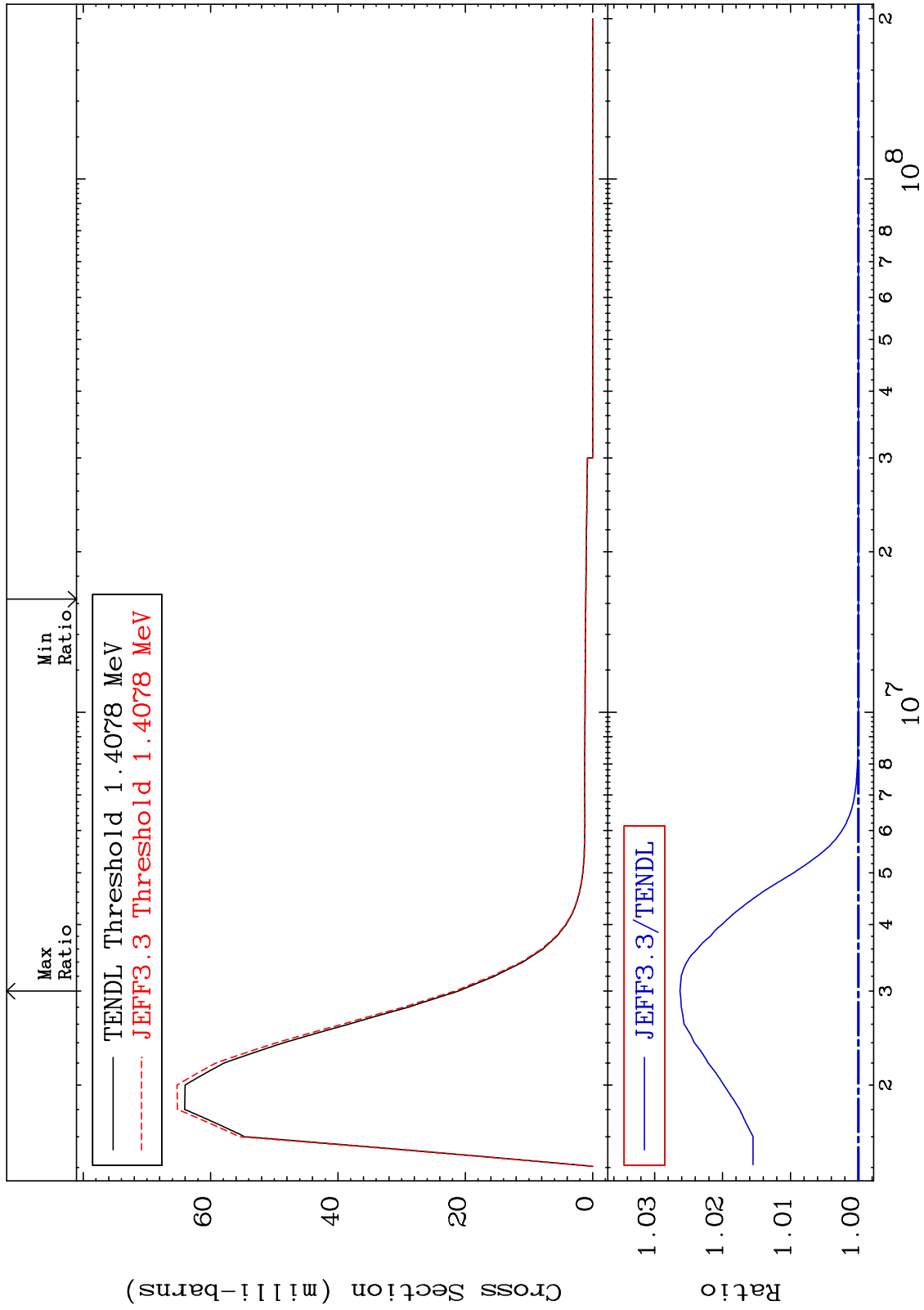
66-Dy-160
To 7.537 %
0.000



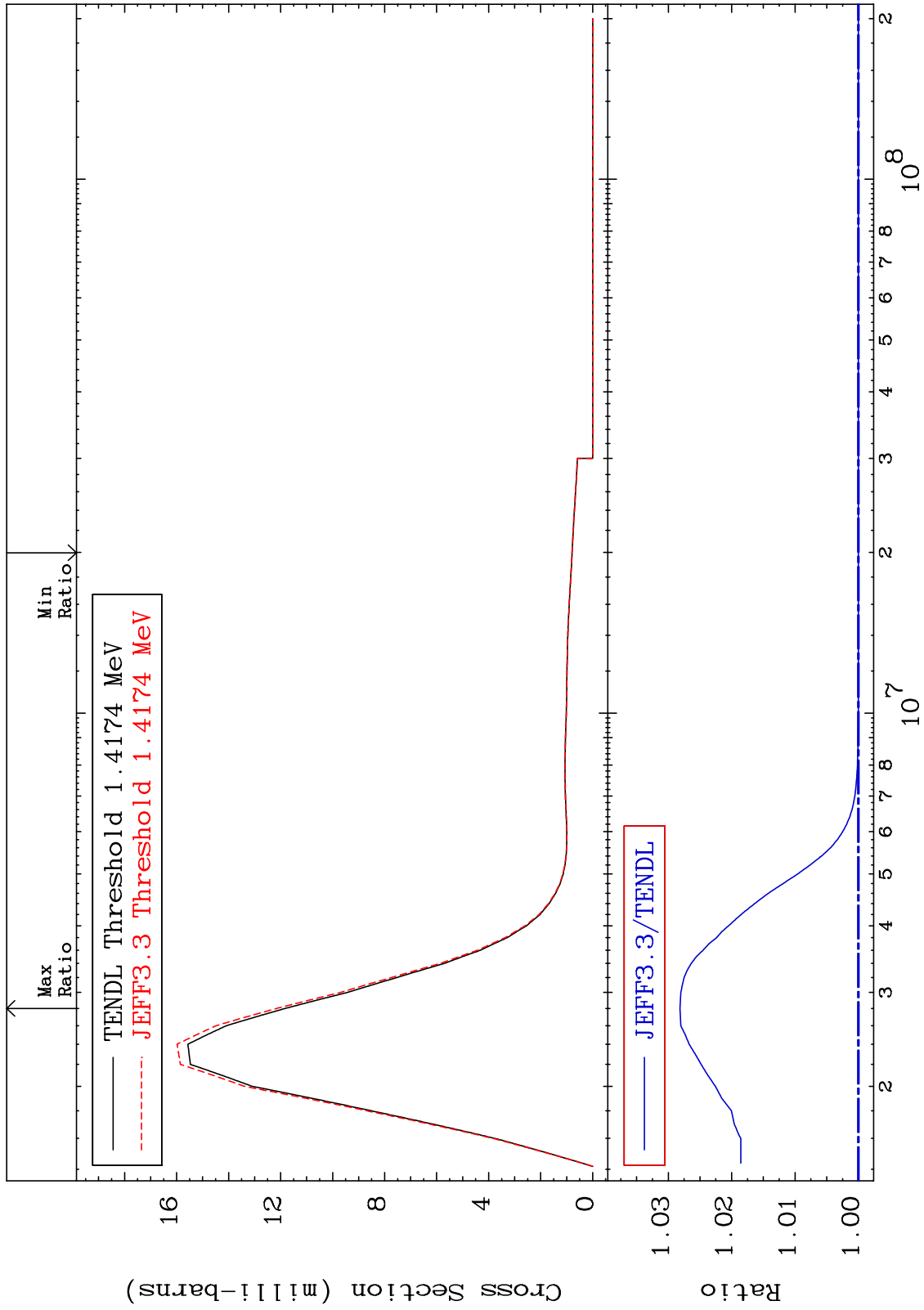
MAT 6637

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

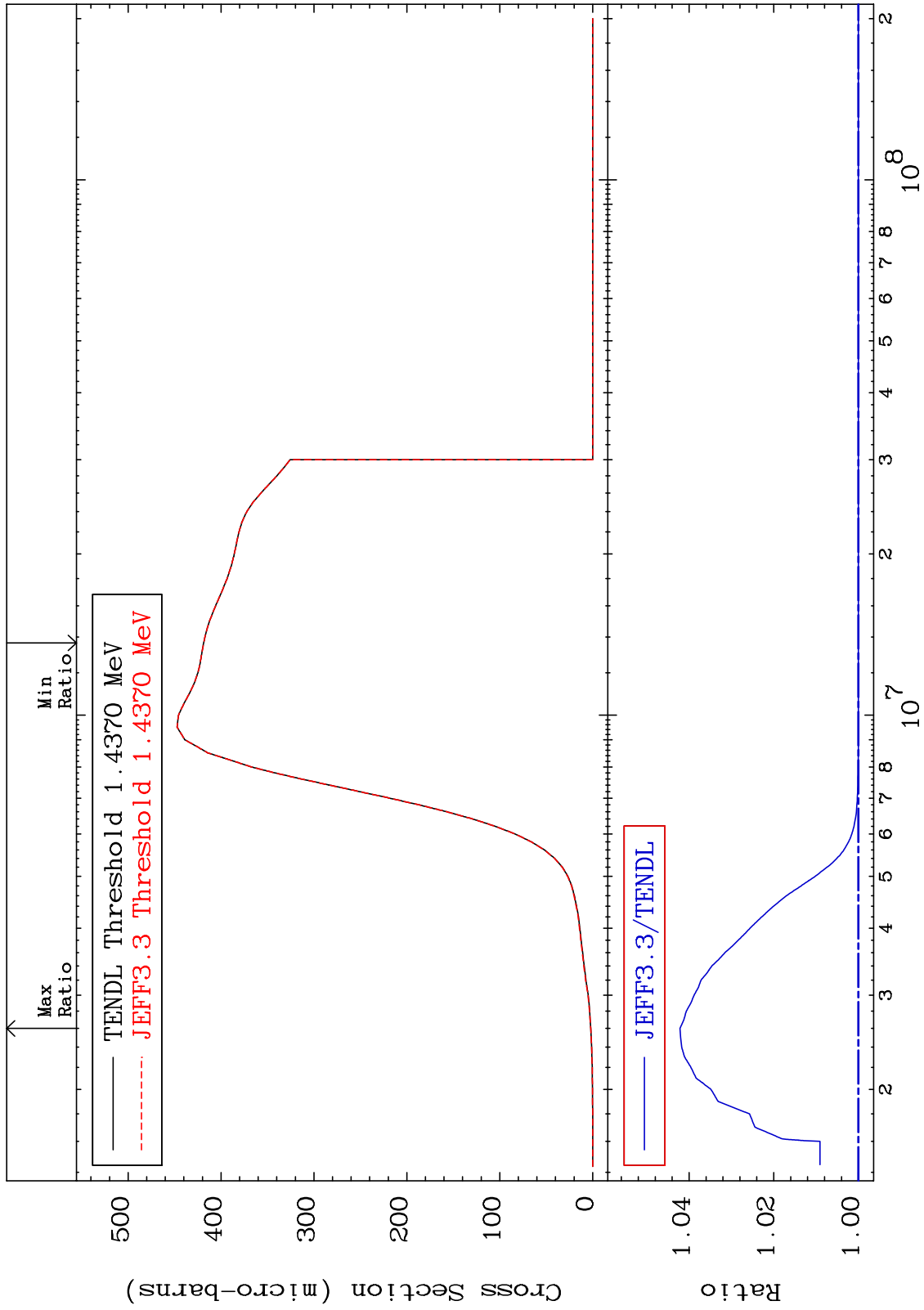
66-Dy-160
To 2.625 %
0.000

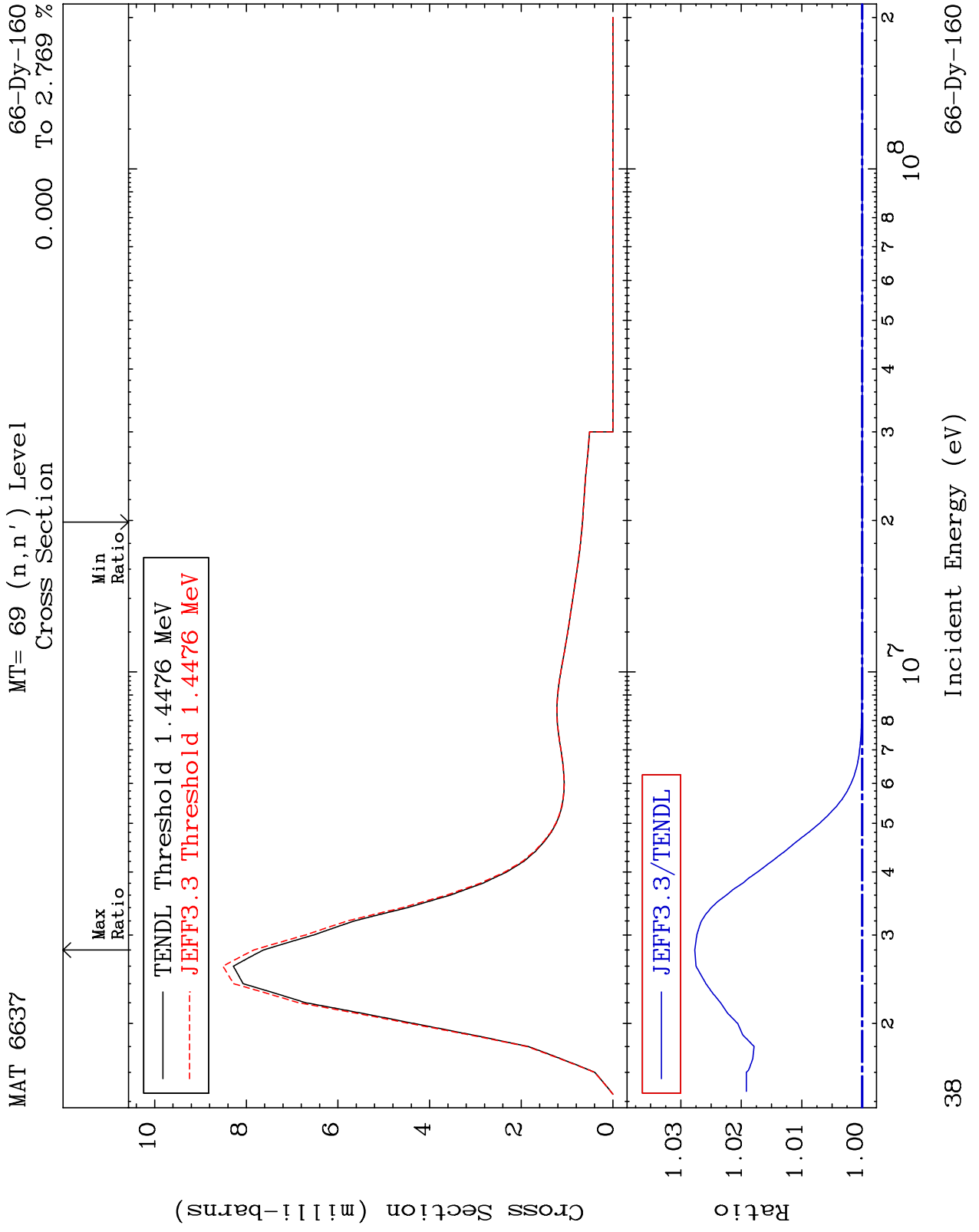


MAT 6637 MT= 67 (n, n') Level Cross Section 66-Dy-160 To 2.815 %
 0.000



MAT 6637 MT= 68 (n, n') Level Cross Section 66-Dy-160 To 4.214 %
 0.000

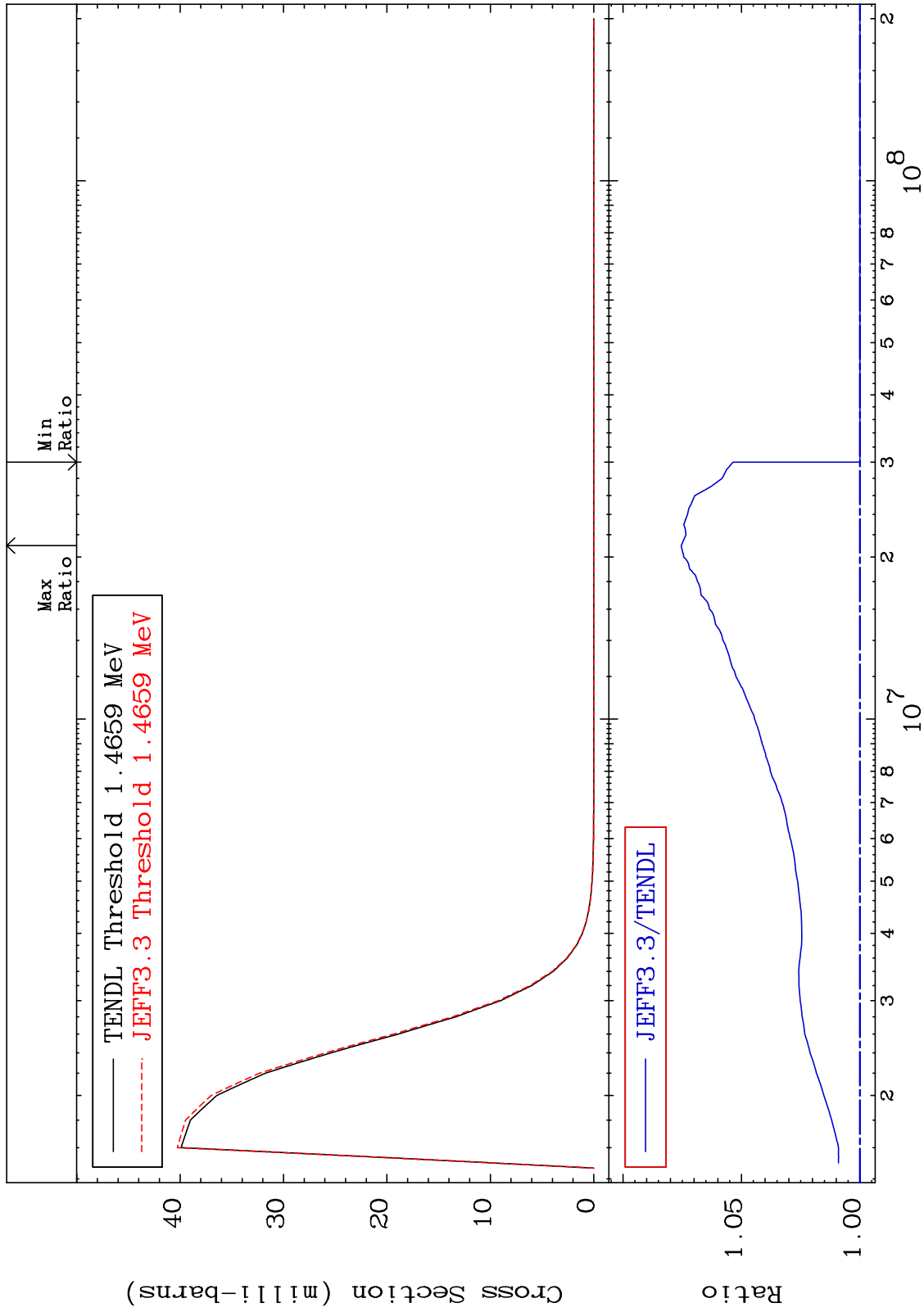




MAT 6637

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

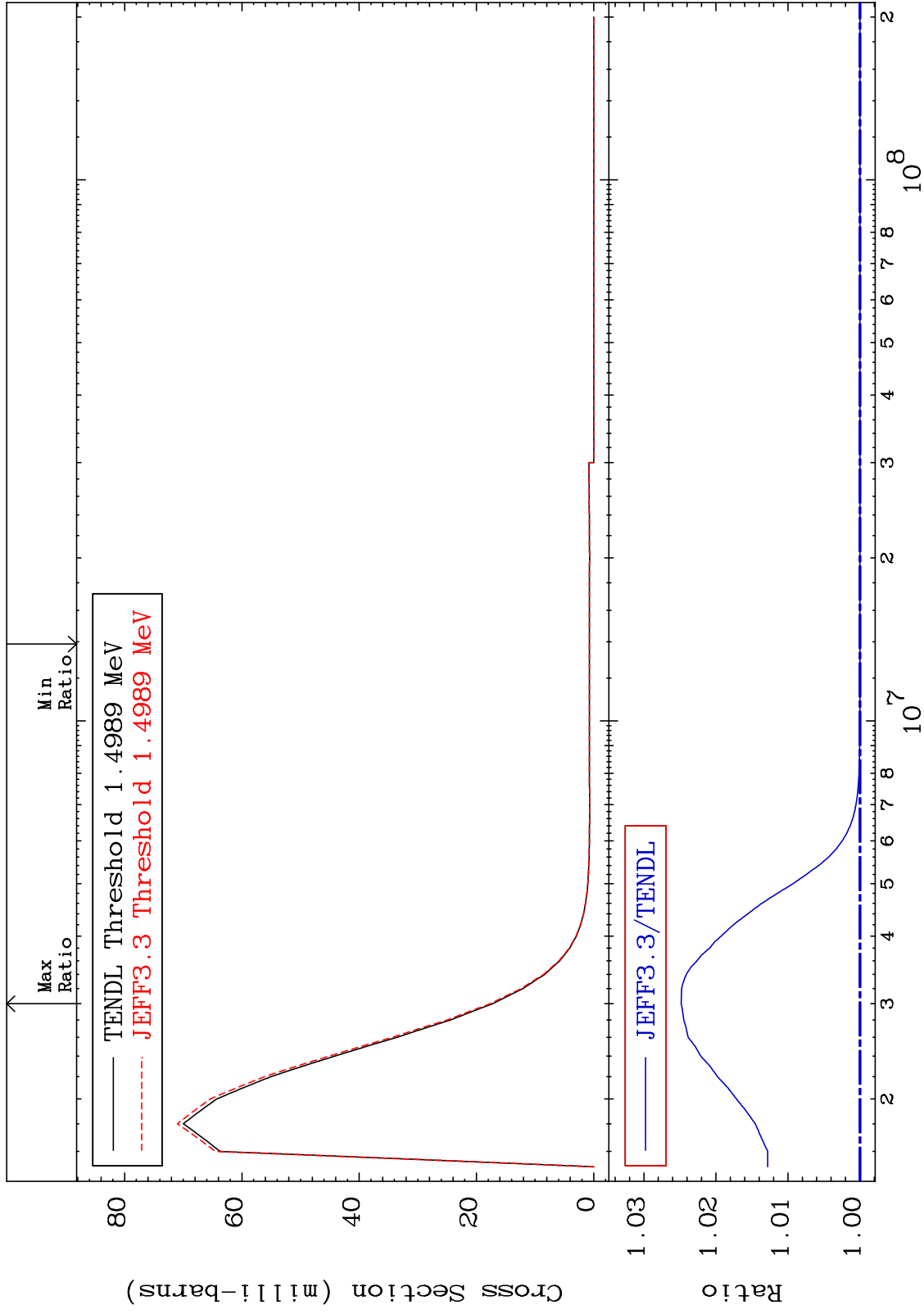
66-Dy-160
To 7.542 %
0.000



MAT 6637

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

66-Dy-160
0.000 To 2.482 %



40

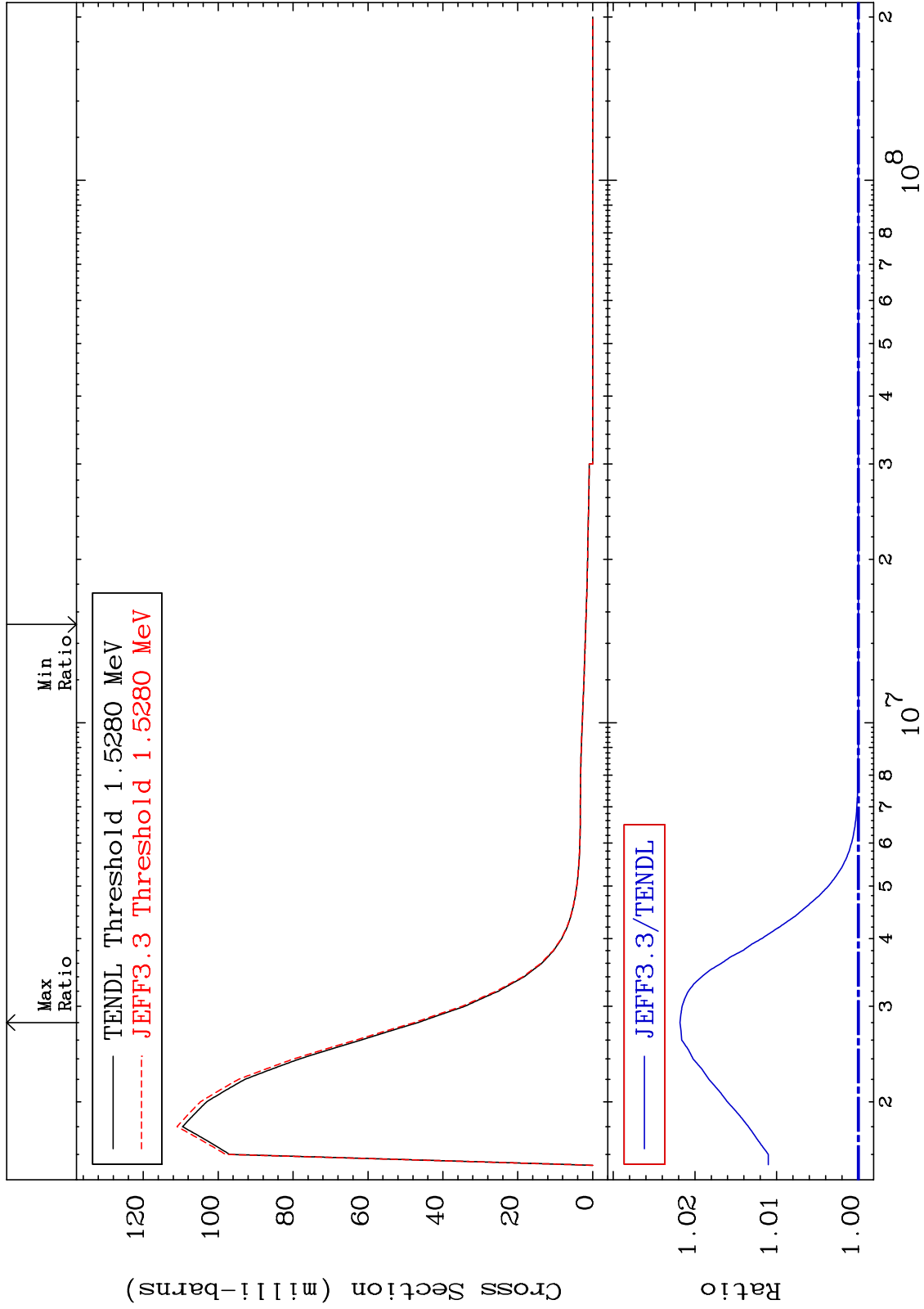
Incident Energy (eV)

66-Dy-160

MAT 6637

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

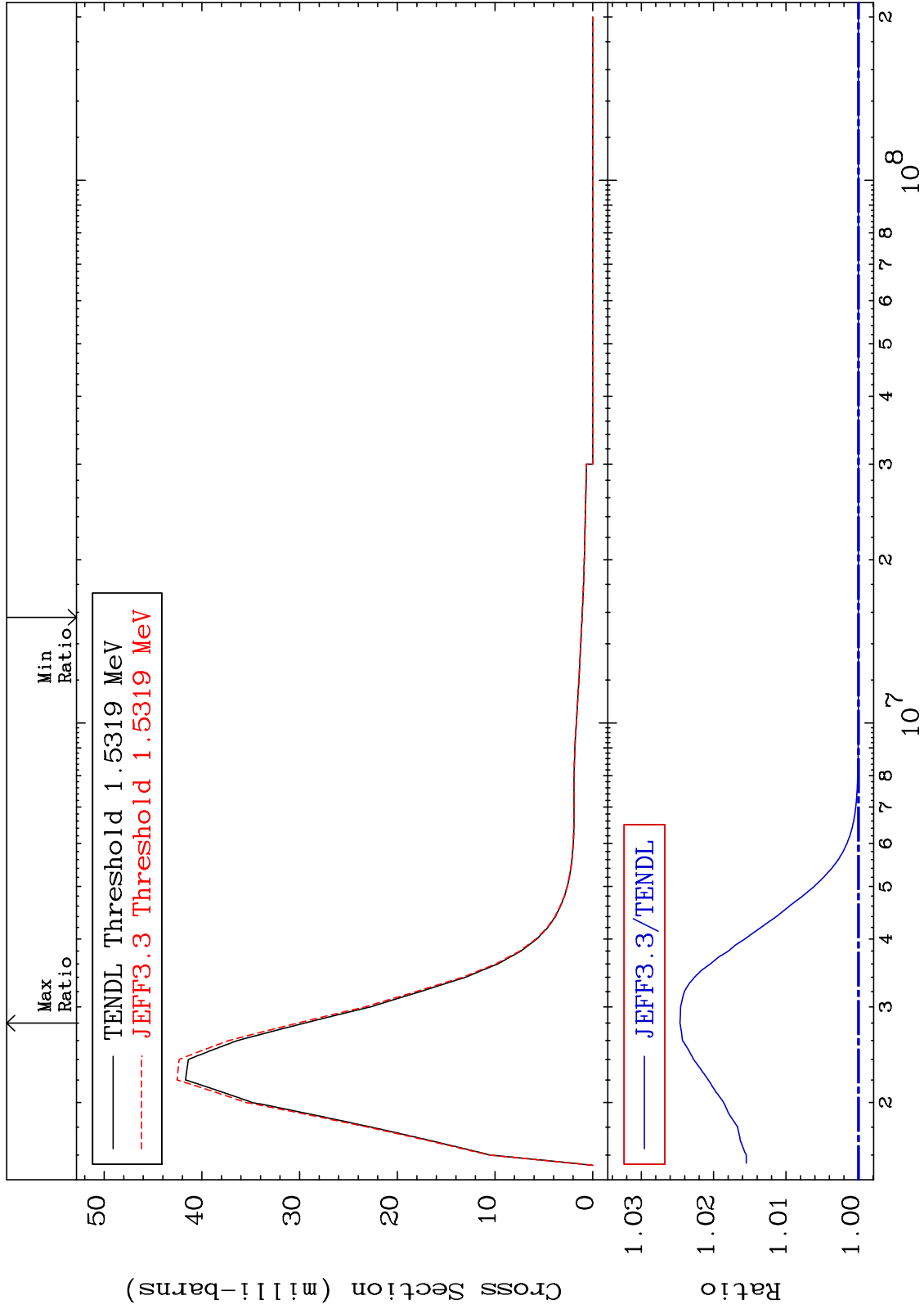
66-Dy-160
0.000 To 2.182 %



MAT 6637

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

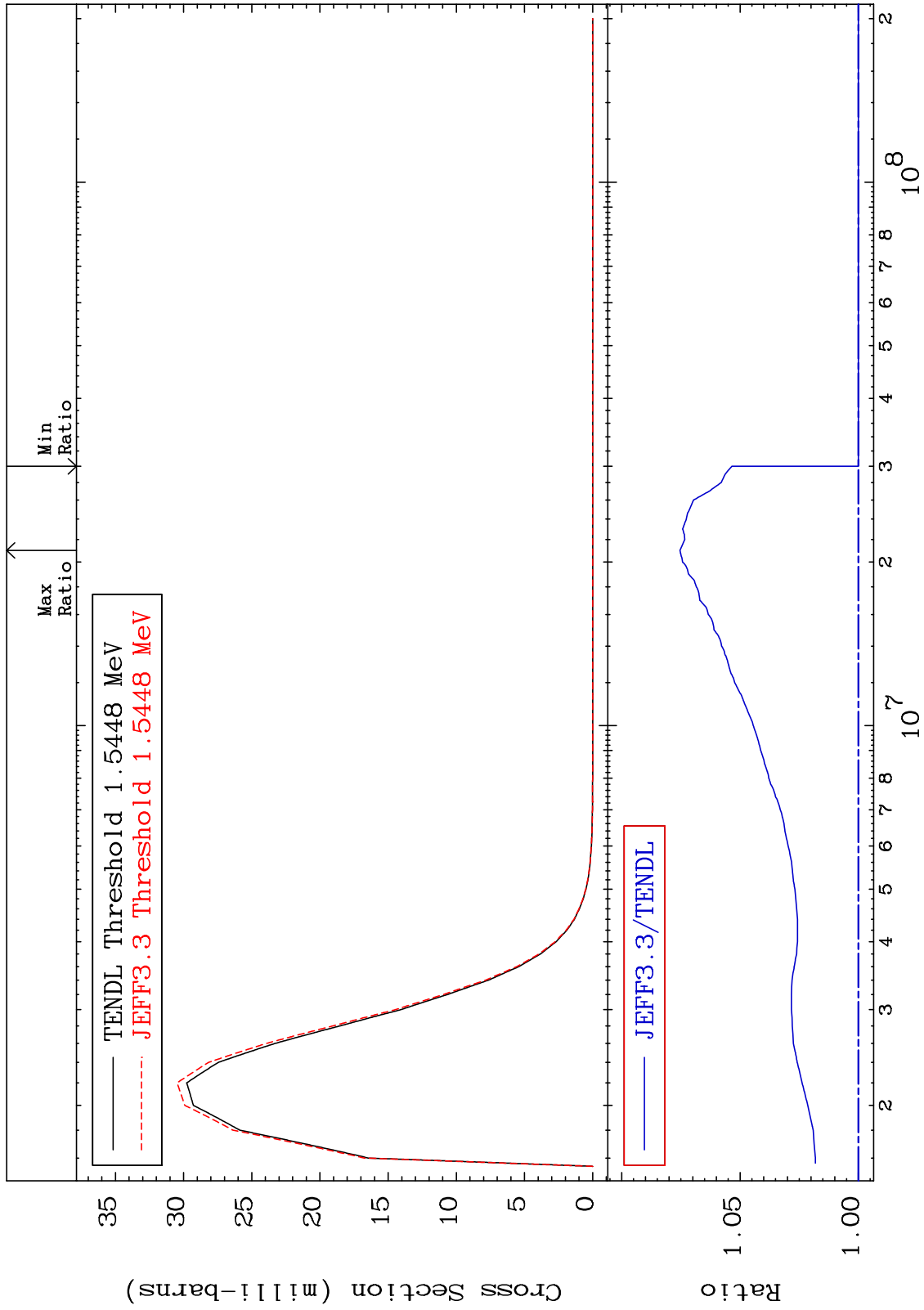
66-Dy-160
0.000 To 2.464 %



MAT 6637

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

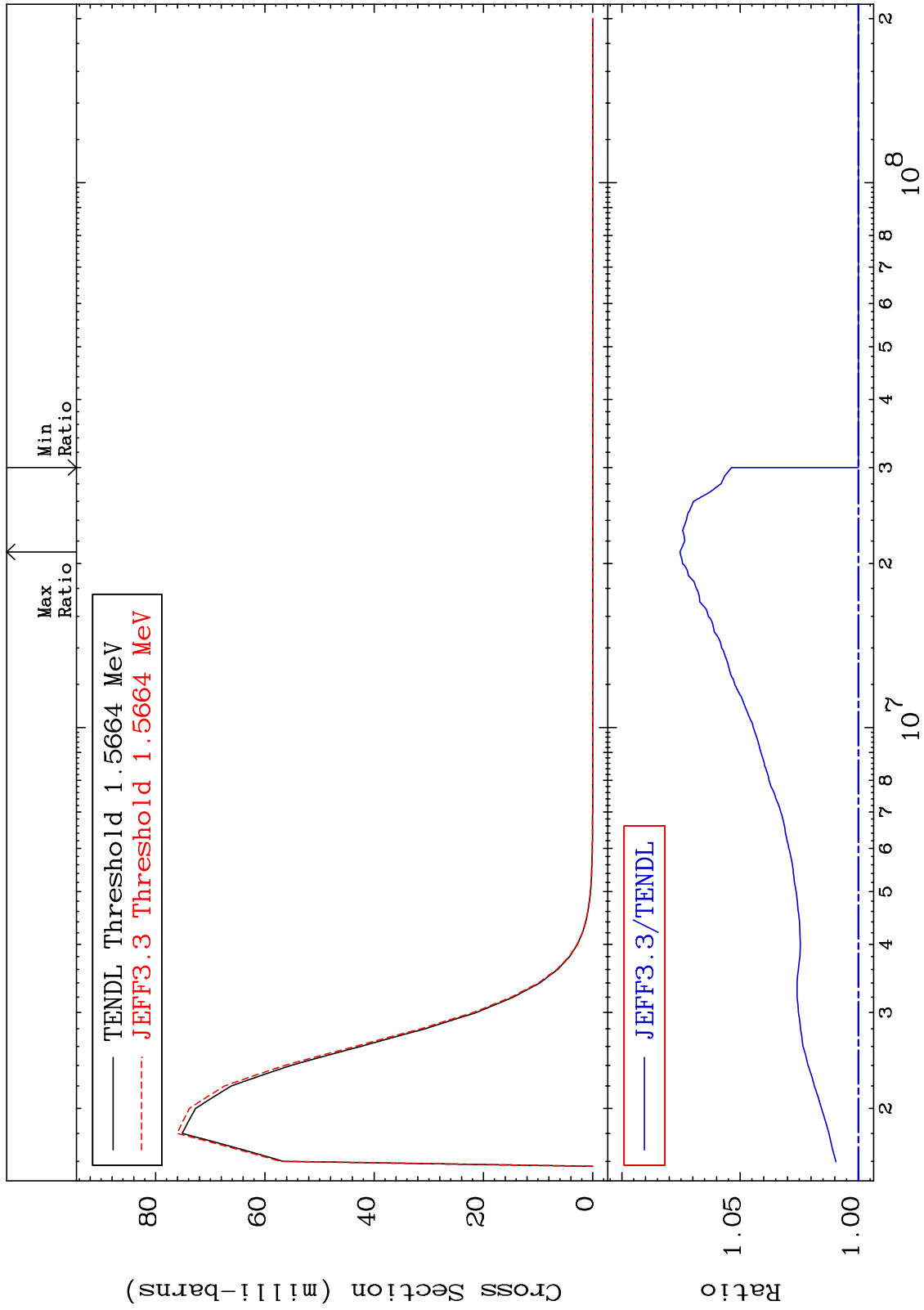
66-Dy-160
To 7.537 %
0.000

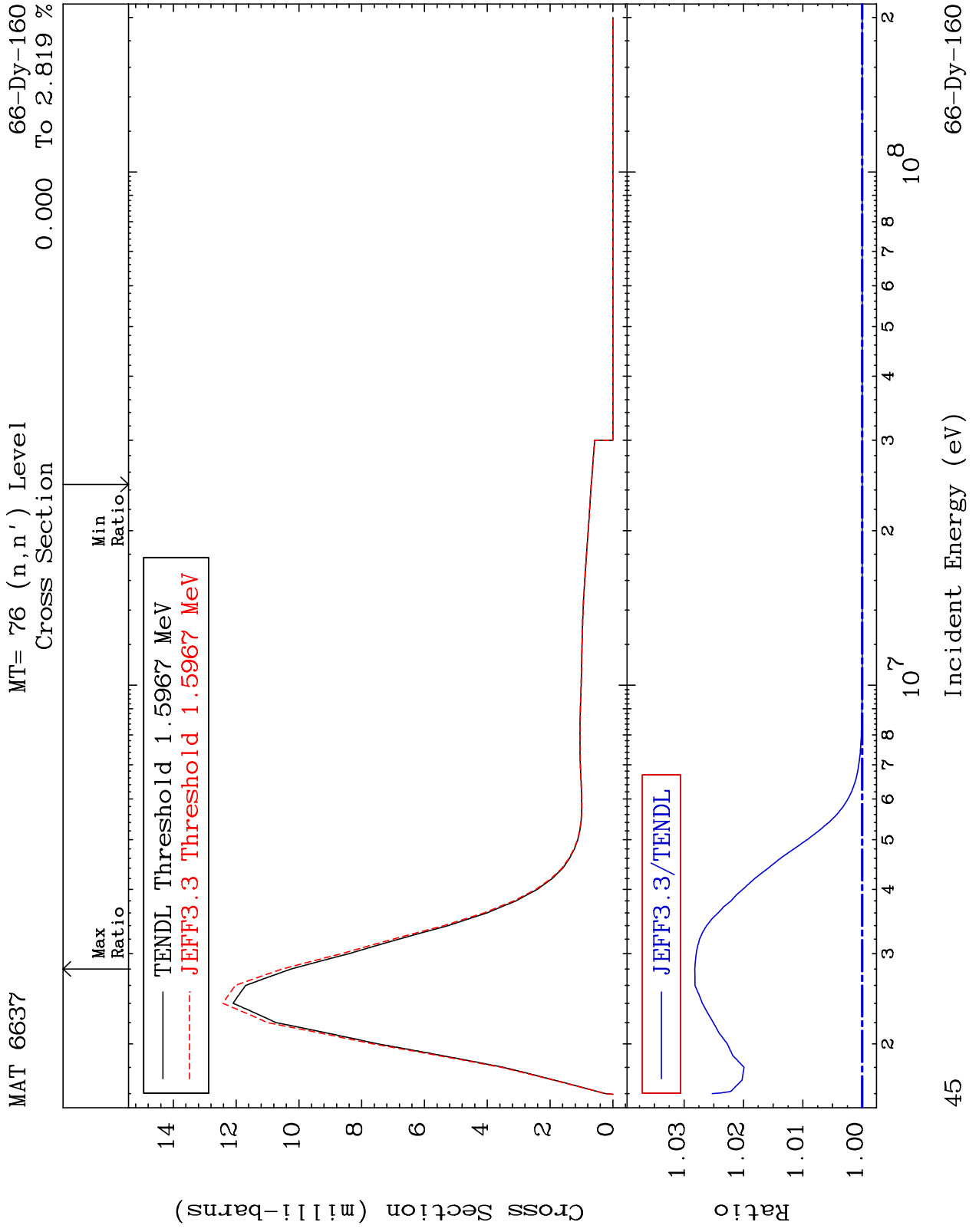


MAT 6637

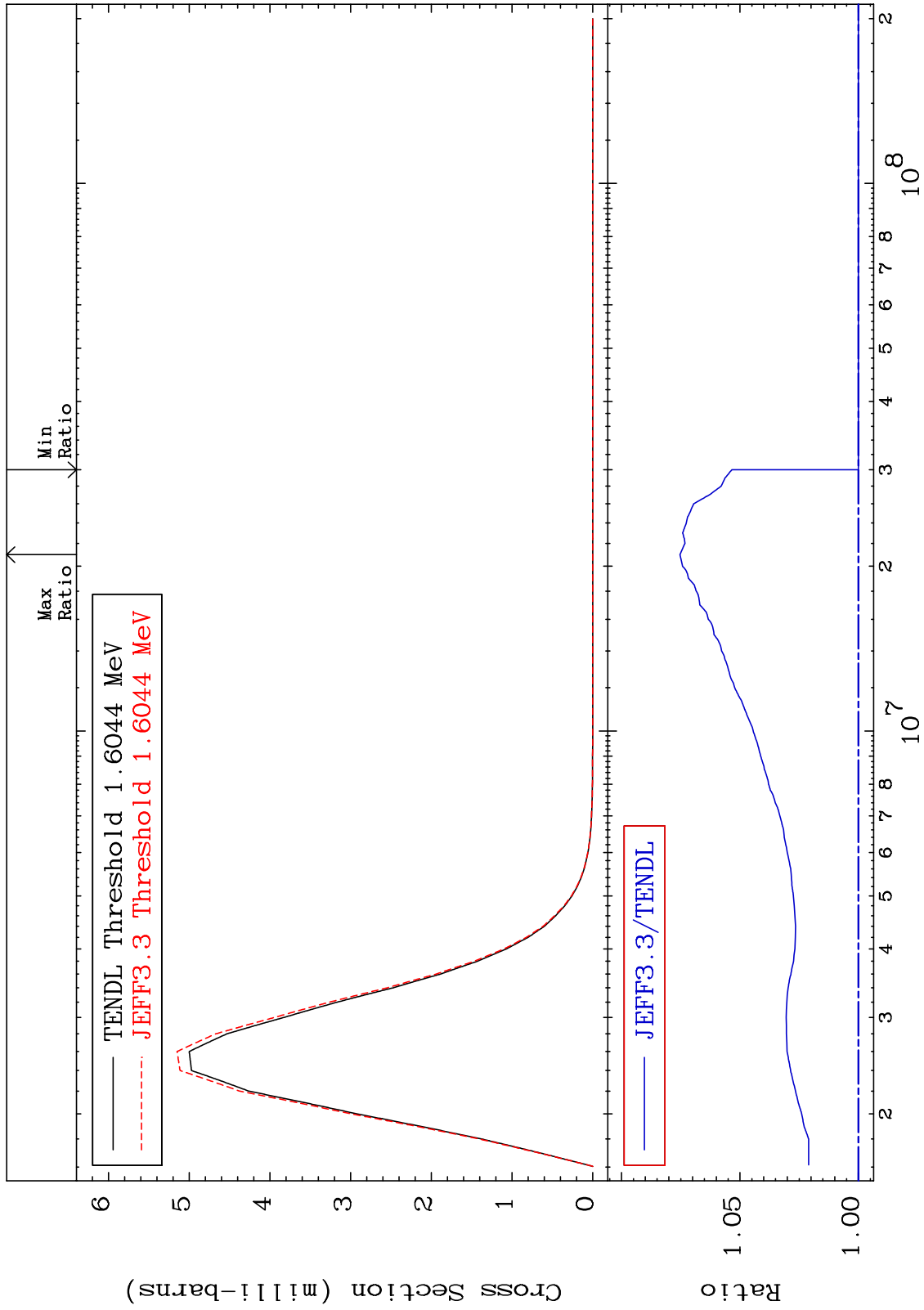
MT= 75 (n,n') Level
Cross Section

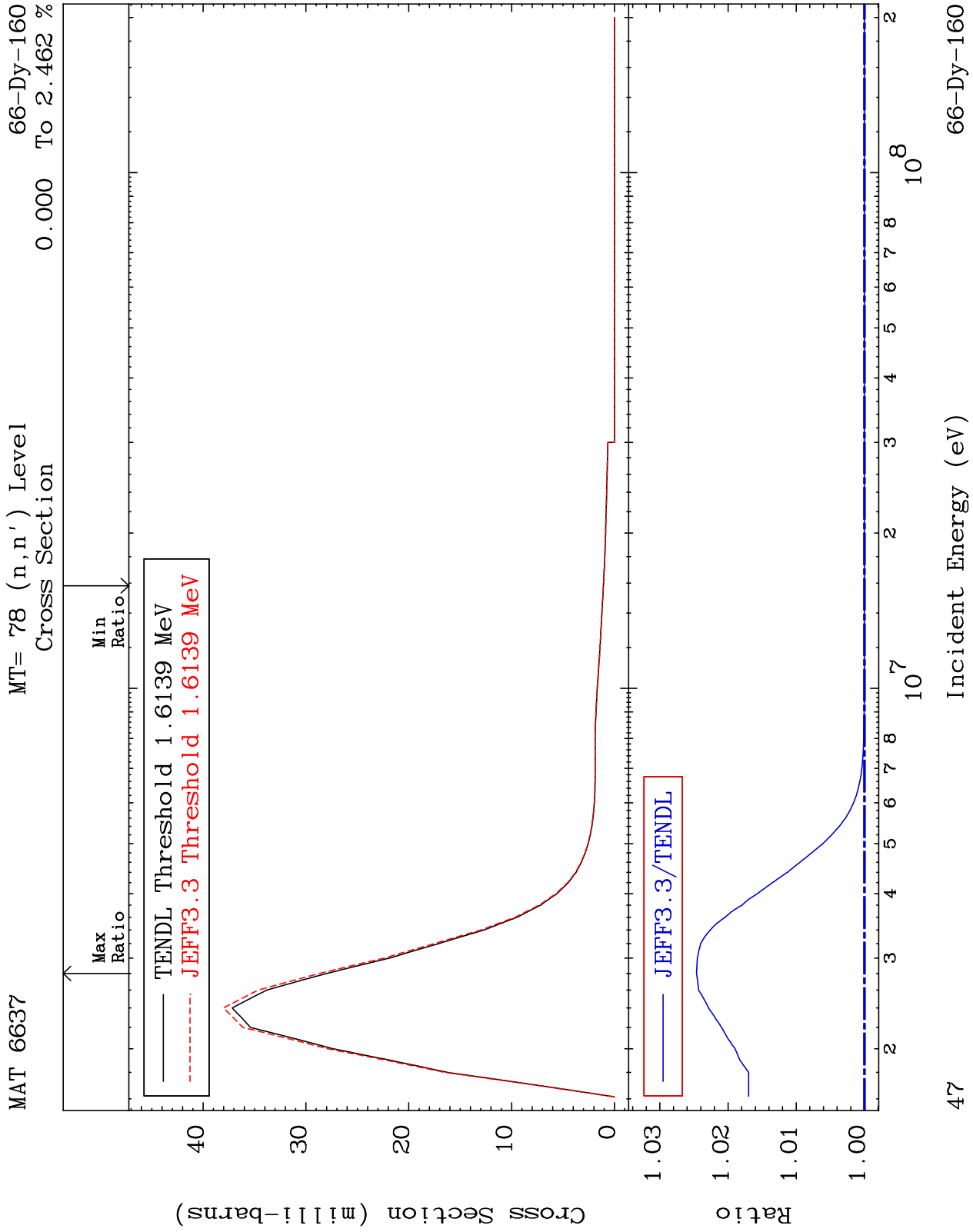
66-Dy-160
To 7.543 %
0.000

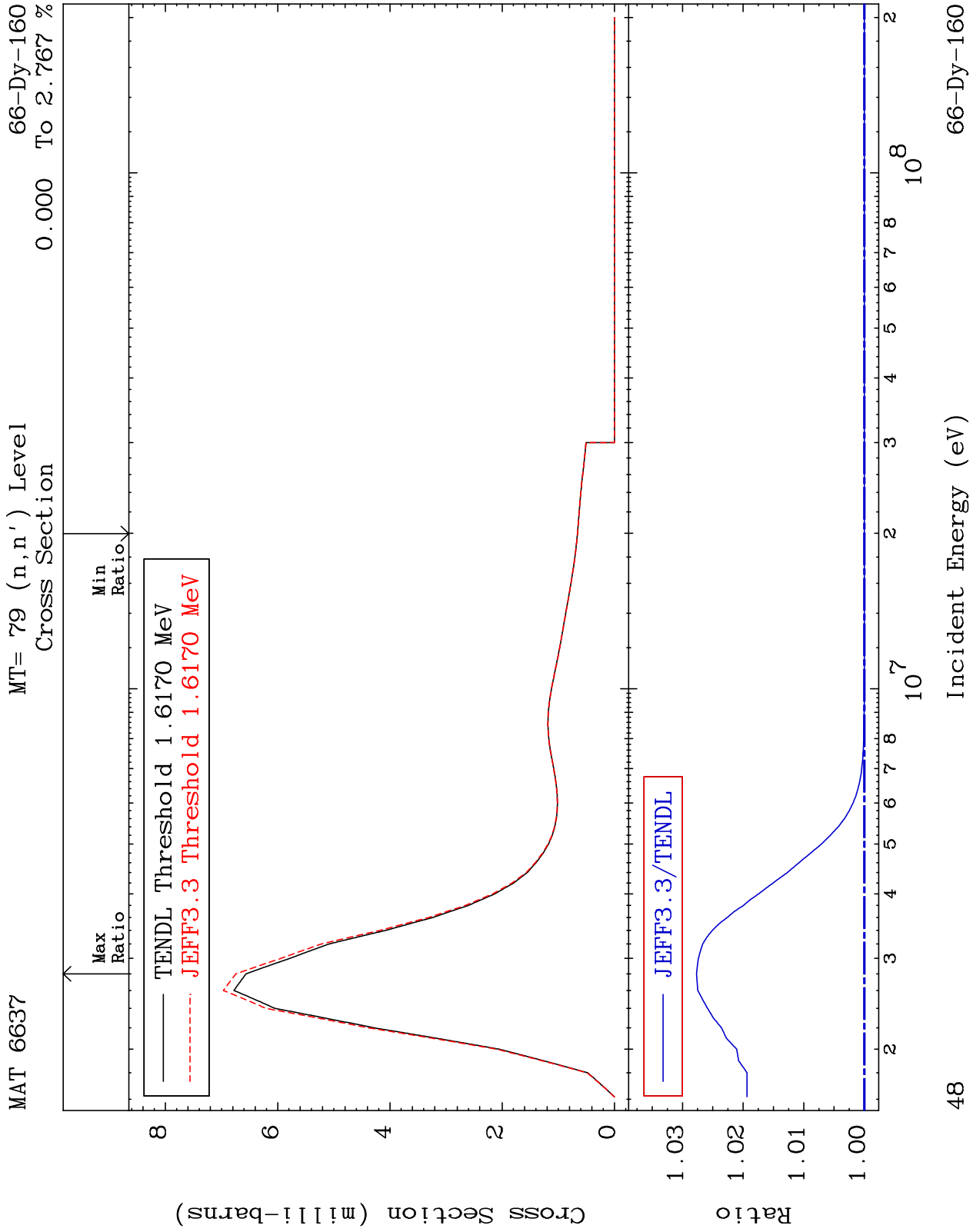




MAT 6637 MT= 77 (n, n') Level 66-Dy-160
 Cross Section 0.000 To 7.532 %



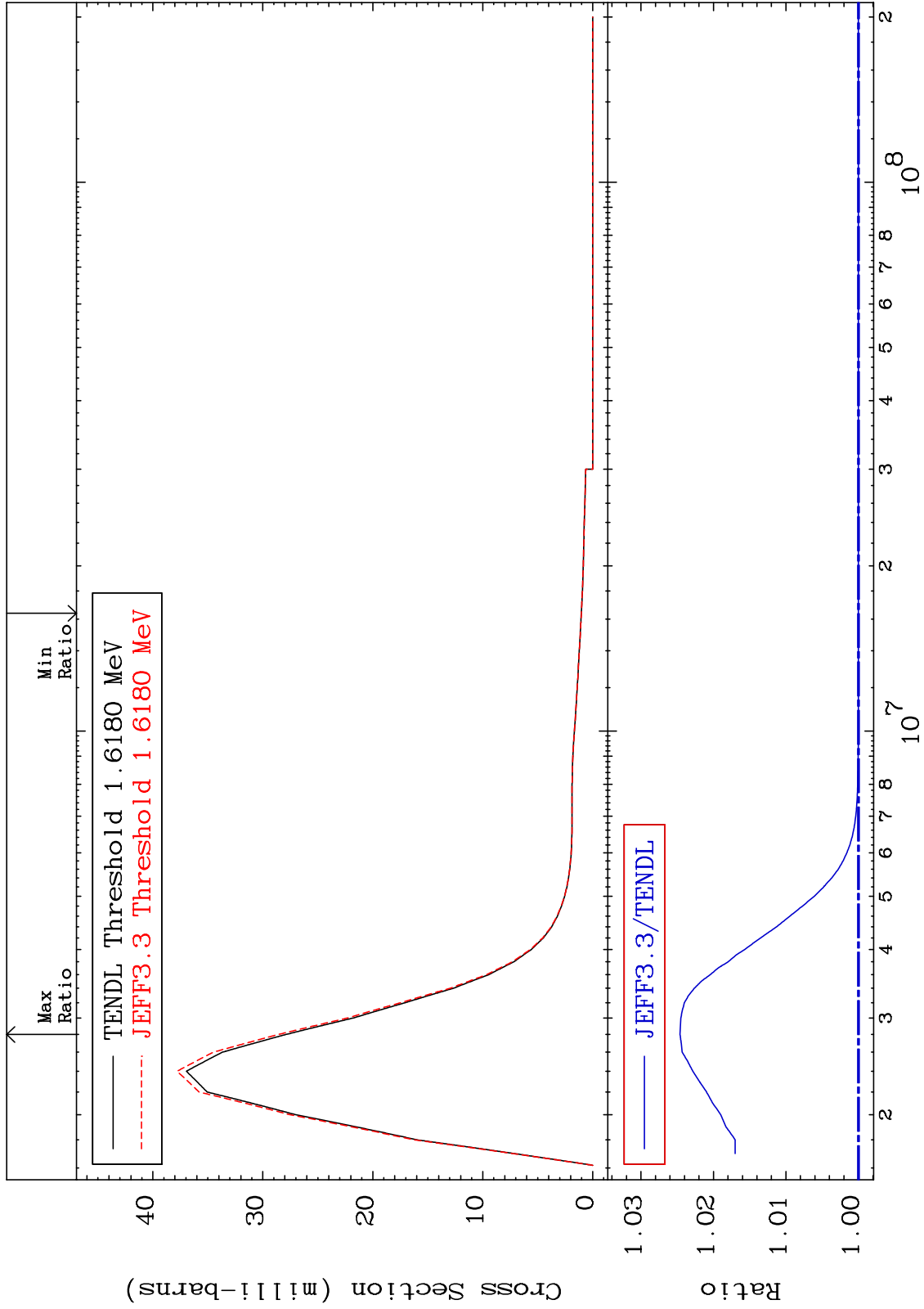




MAT 6637

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

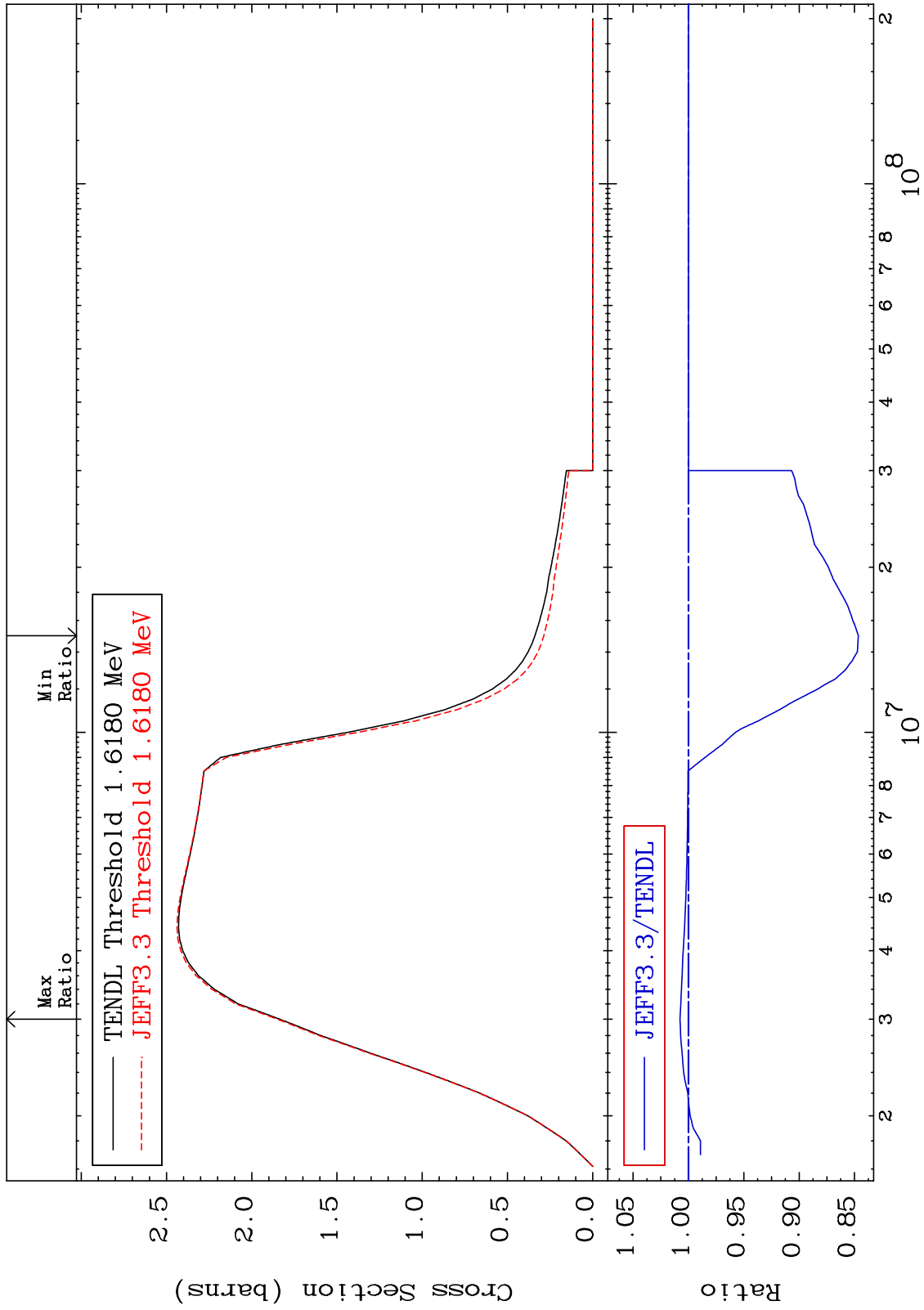
66-Dy-160
0.000 To 2.461 %



MAT 6637

(n, n') Continuum
Cross Section

66-Dy-160
-15.35 To 0.762 %



50

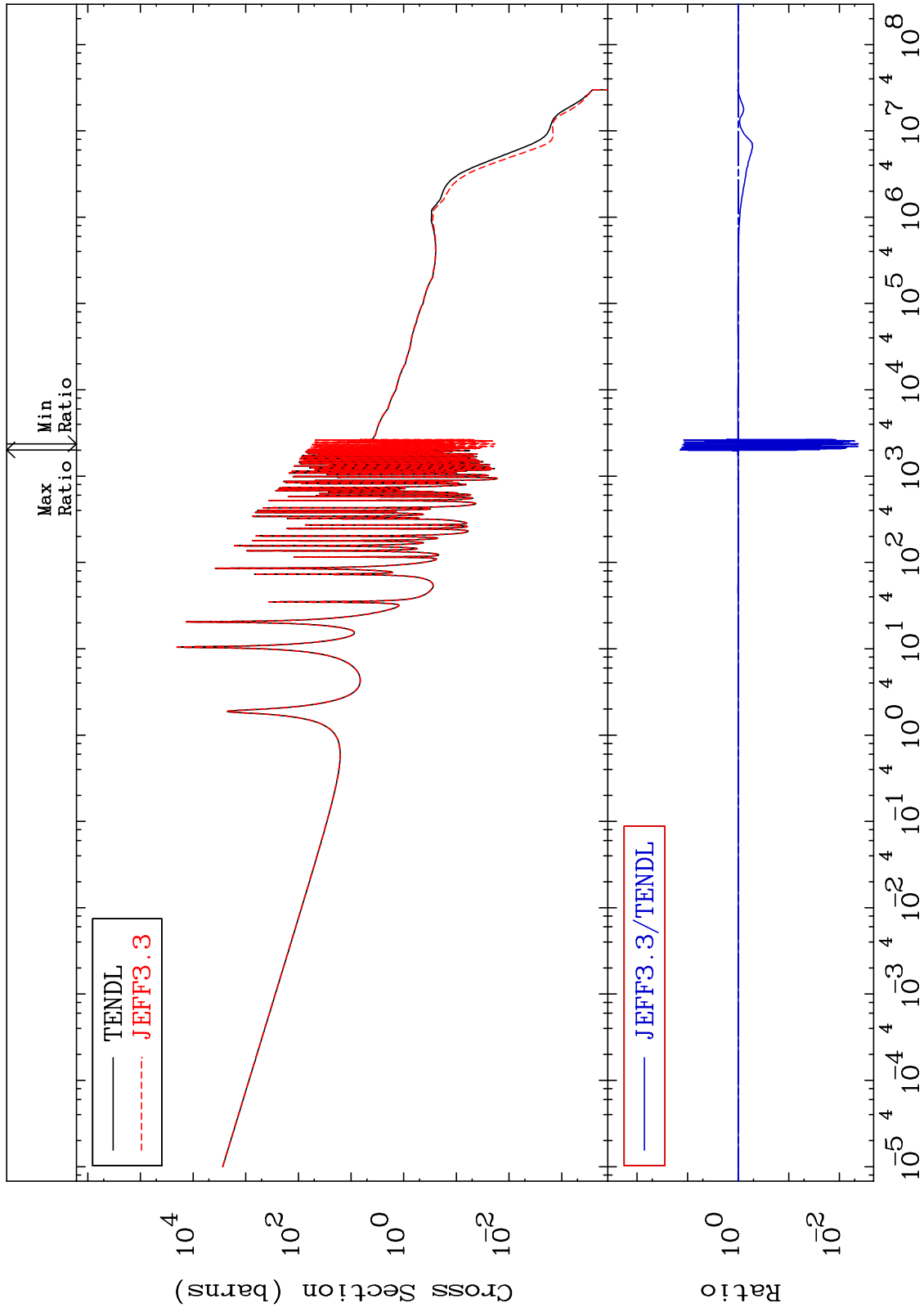
Incident Energy (eV)

66-Dy-160

MAT 6637

(n, γ)
Cross Section

66-Dy-160
-99.58 To 1314. %



51

Incident Energy (eV)

66-Dy-160

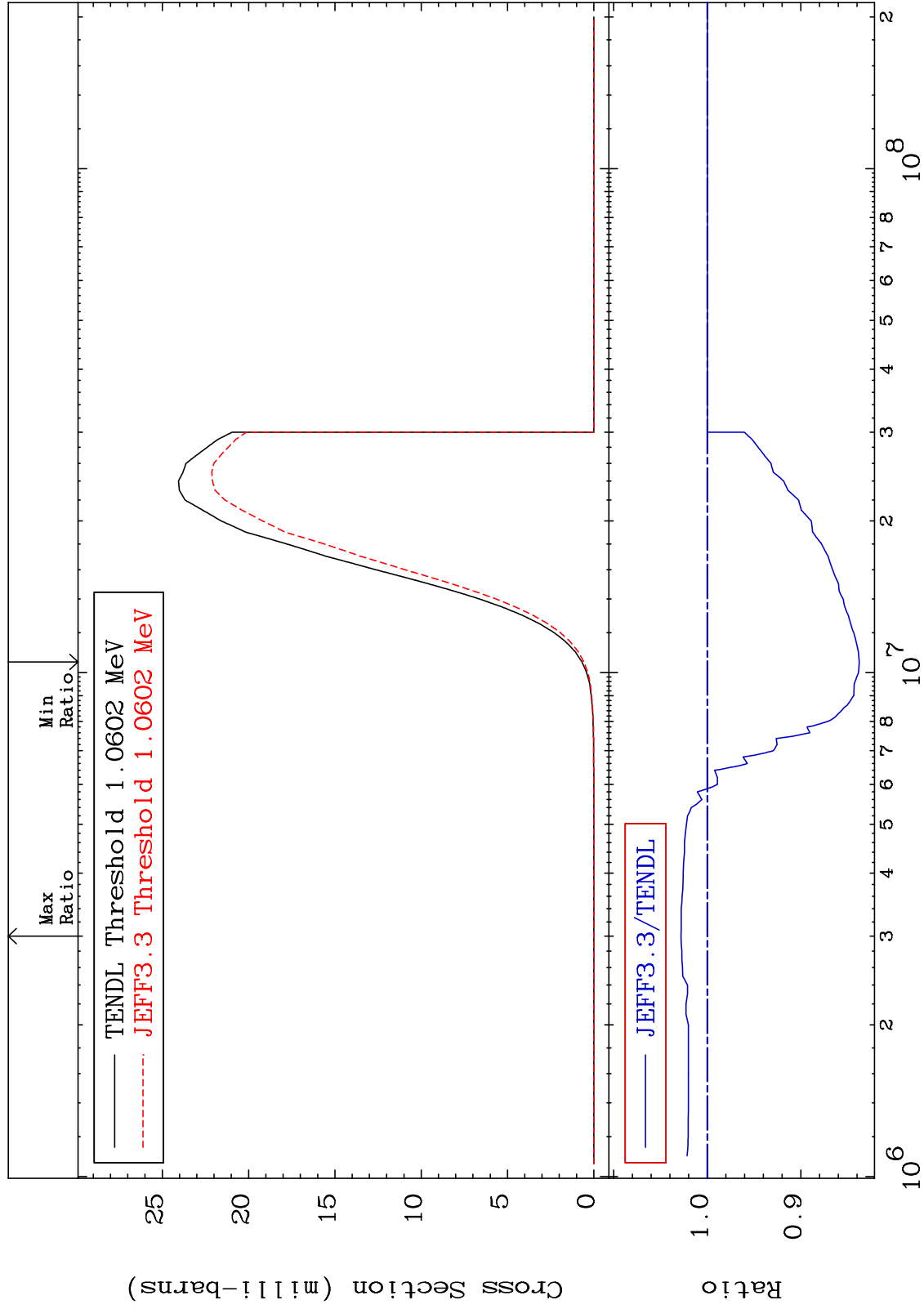
MAT 6637

(n, p)

66-Dy-160

Cross Section

-16.24 To 2.798 %



52

Incident Energy (eV)

66-Dy-160

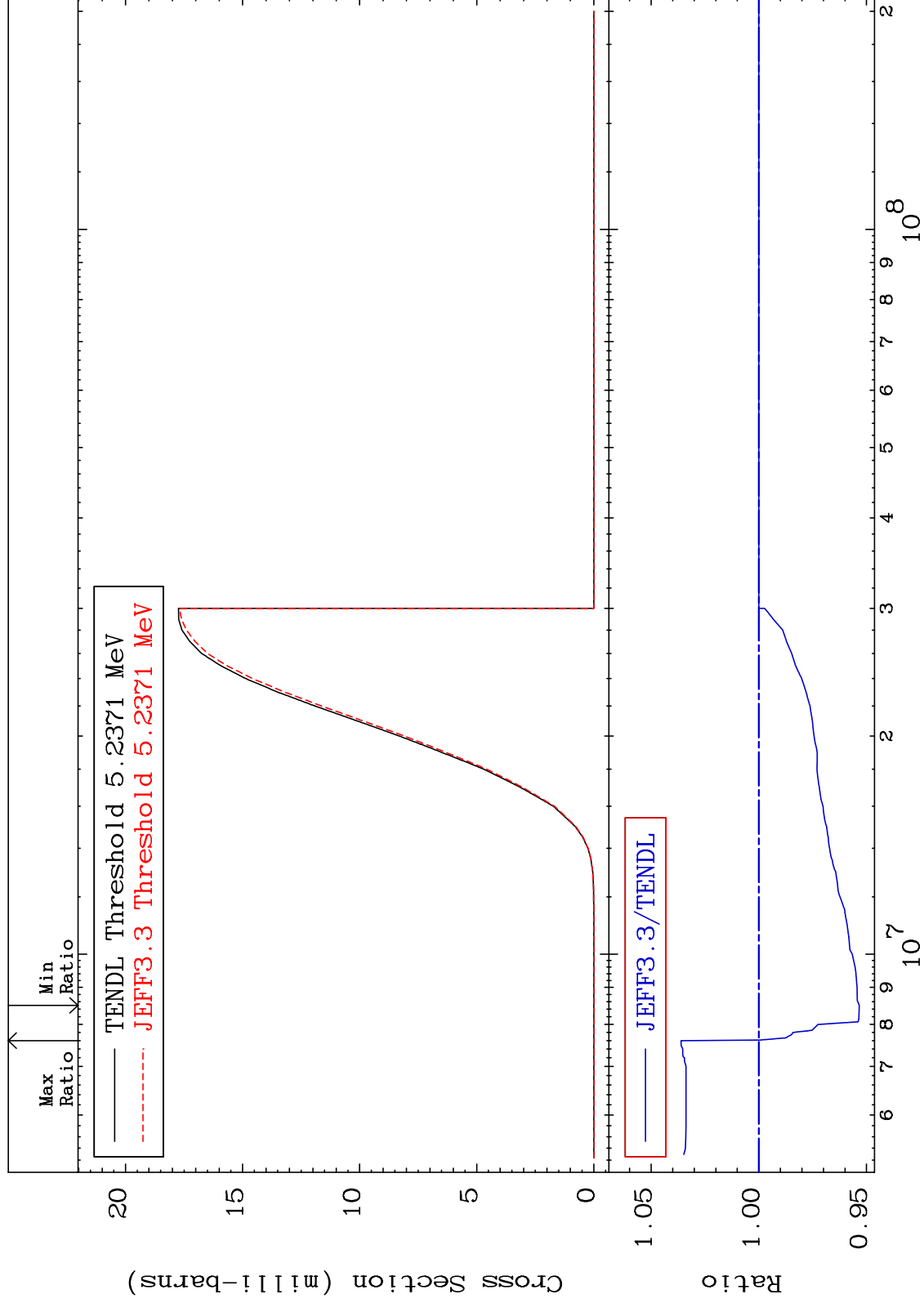
MAT 6637

(n, d)

66-Dy-160

Cross Section

-4.664 To 3.612 %



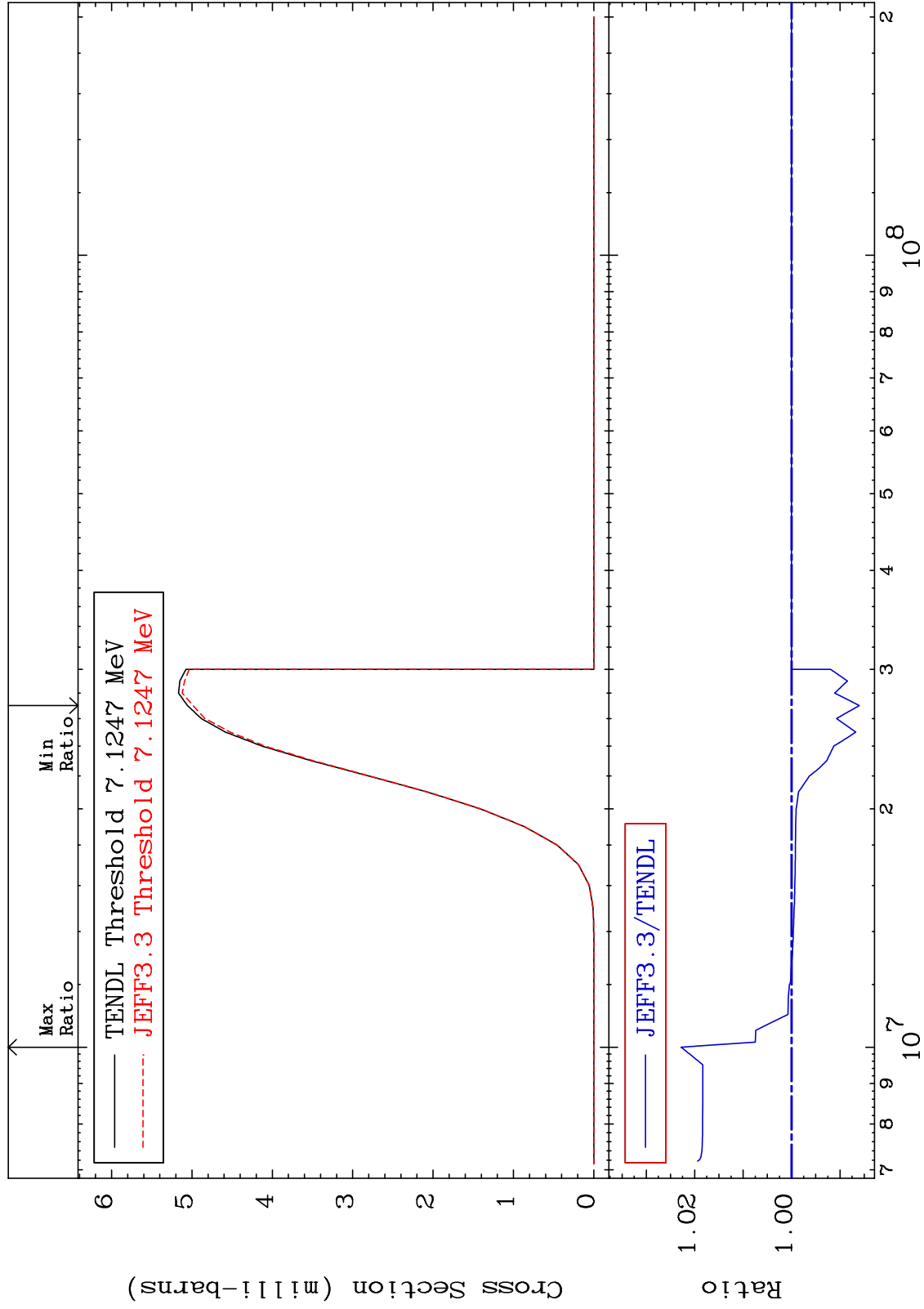
MAT 6637

(n, t)

66-Dy-160

Cross Section

-1.399 To 2.282 %



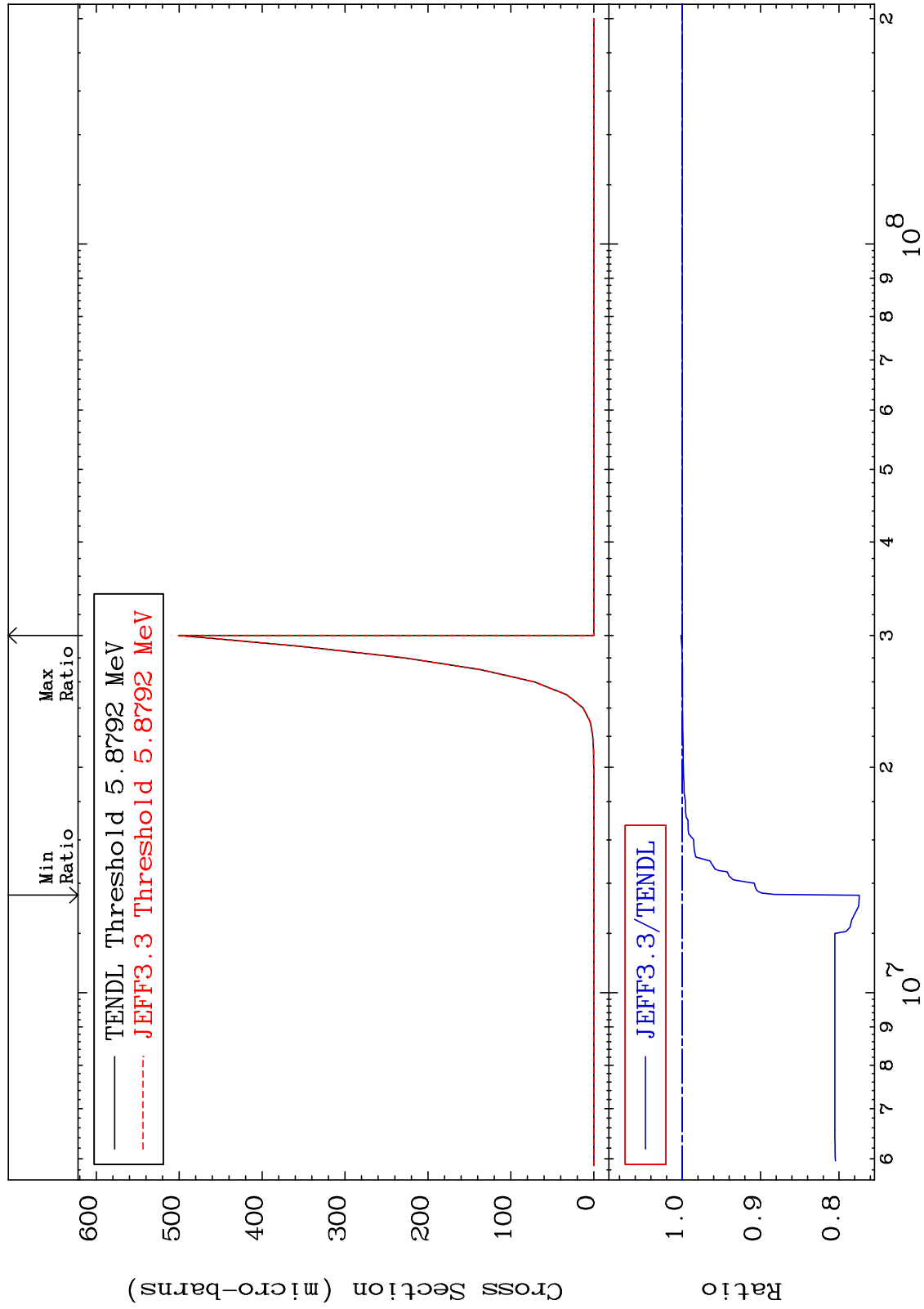
MAT 6637

(n, He-3)

66-Dy-160

Cross Section

-22.60 To 0.151 %



55

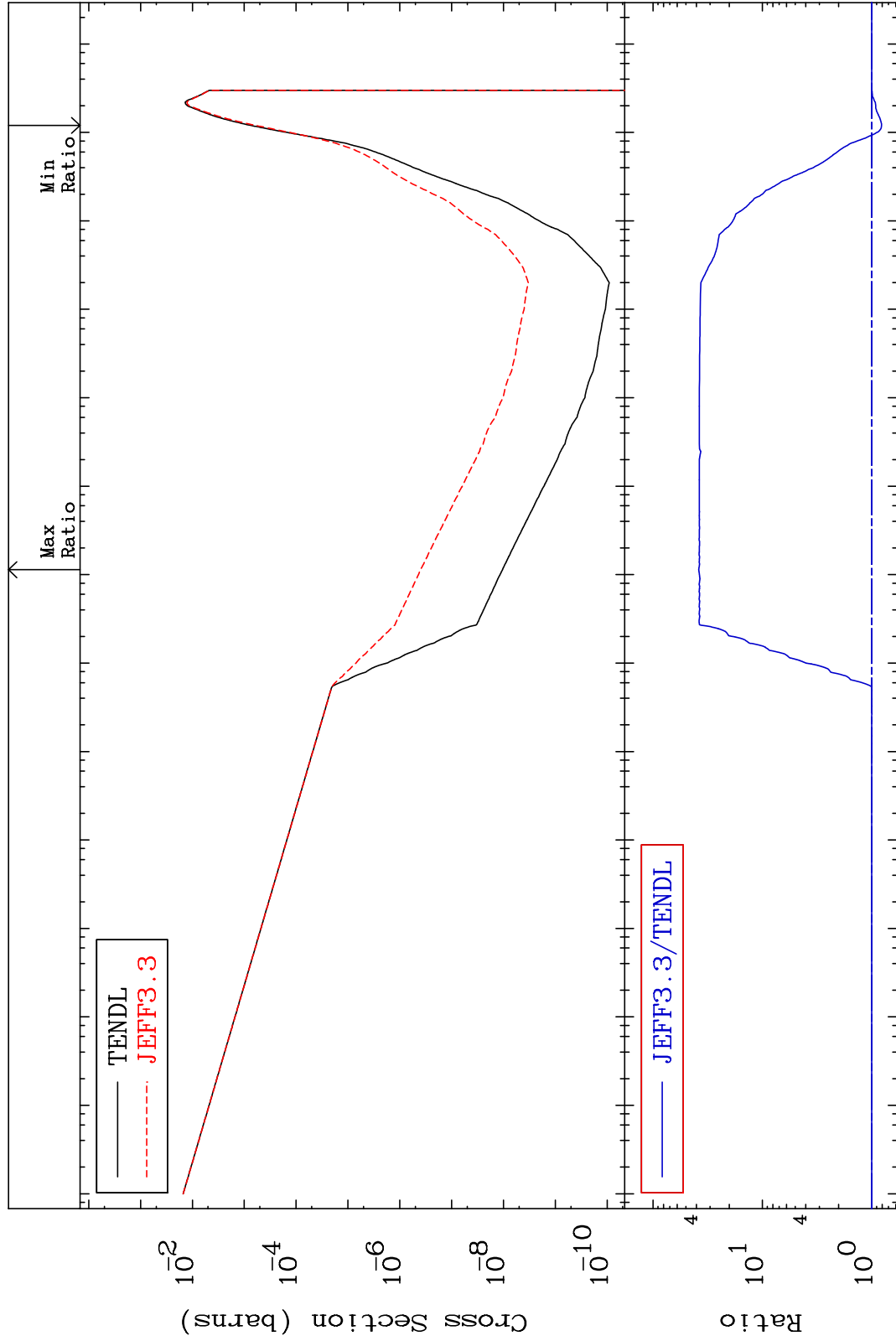
Incident Energy (eV)

66-Dy-160

MAT 6637

66-Dy-160

(n, α)
Cross Section
-18.91 To 3715. %



Incident Energy (eV)

66-Dy-160

56

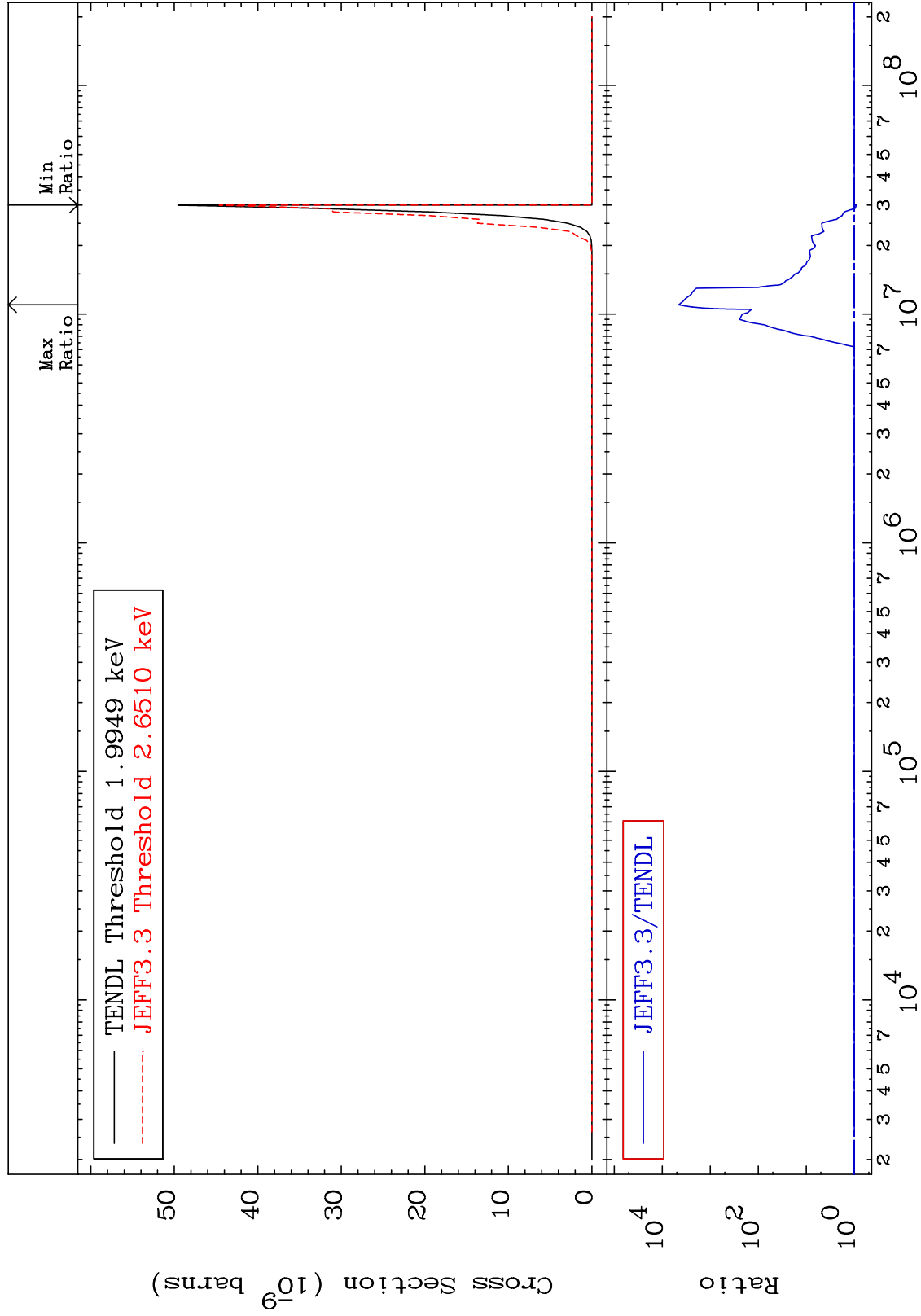
MAT 6637

(n, 2α)

66-Dy-160

Cross Section

-9.941 To 9999. %



57

Incident Energy (eV)

66-Dy-160

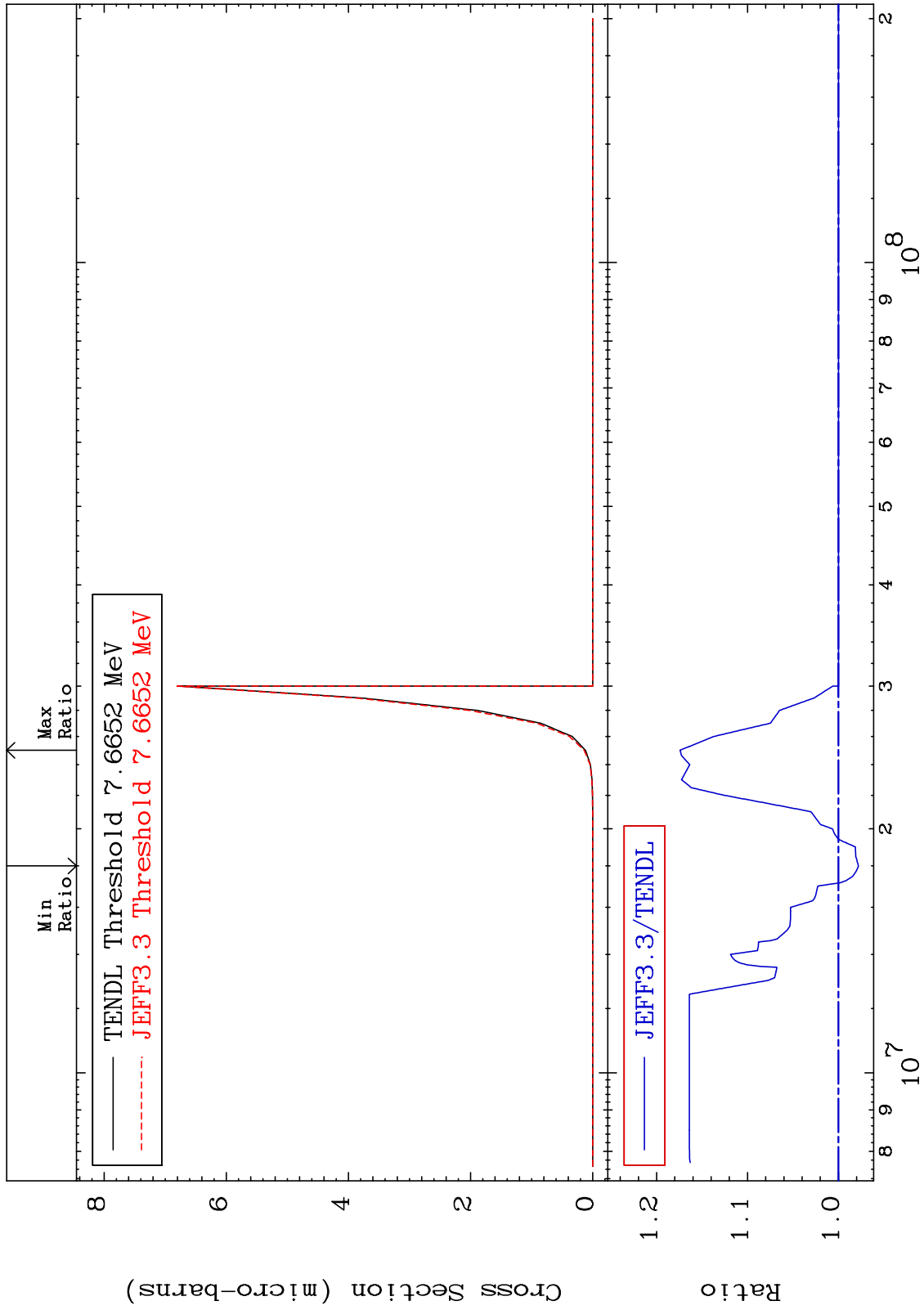
MAT 6637

(n,2p)

66-Dy-160

Cross Section

-2.194 To 17.42 %



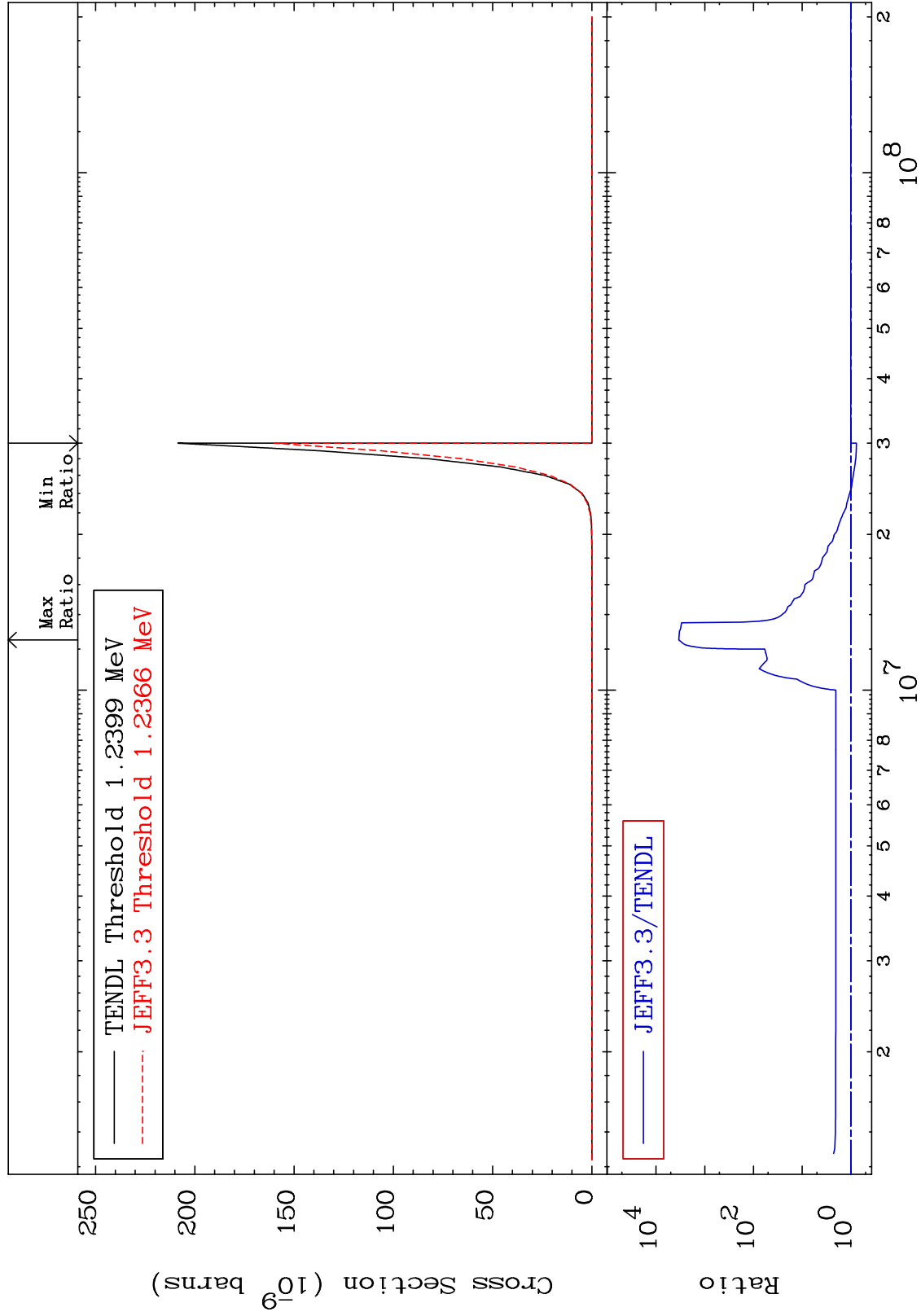
MAT 6637

(n,p) α

66-Dy-160

-23.24 To 9999. %

Cross Section



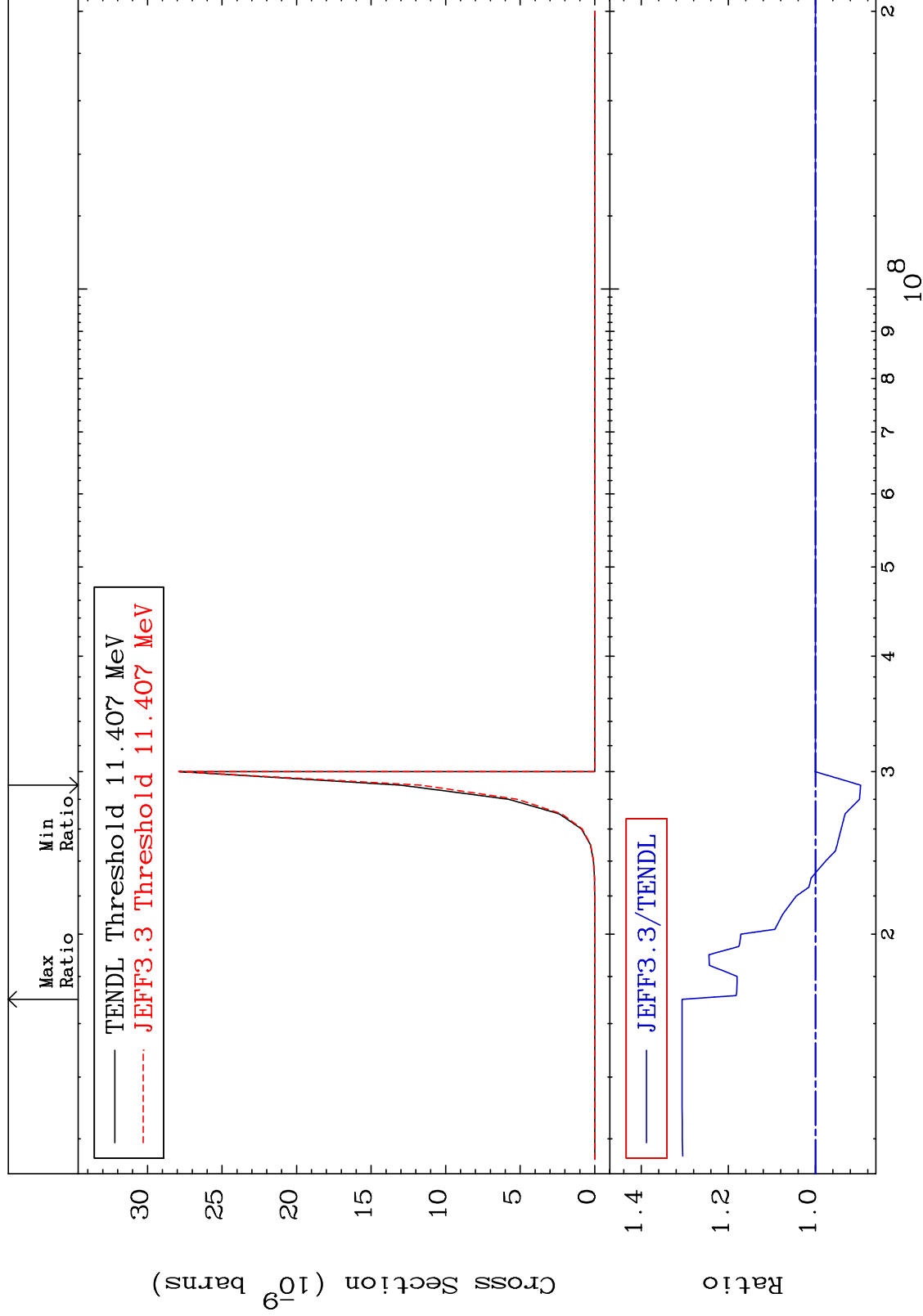
MAT 6637

(n,p) d

66-Dy-160

Cross Section

-10.36 To 30.62 %



60

Incident Energy (eV)

66-Dy-160

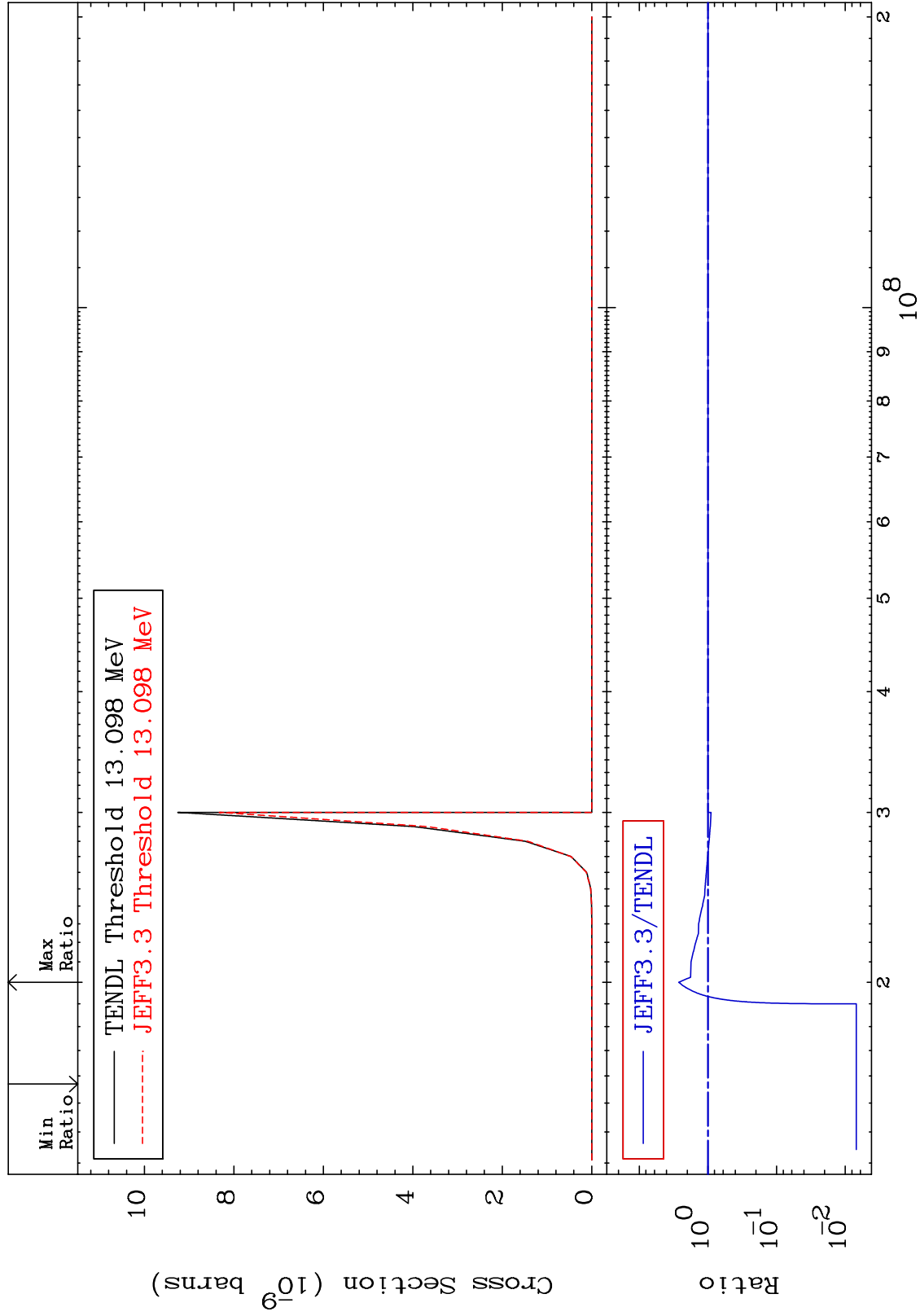
MAT 6637

(n,p) t

66-Dy-160

Cross Section

-99.31 To 166.3 %



61

Incident Energy (eV)

66-Dy-160

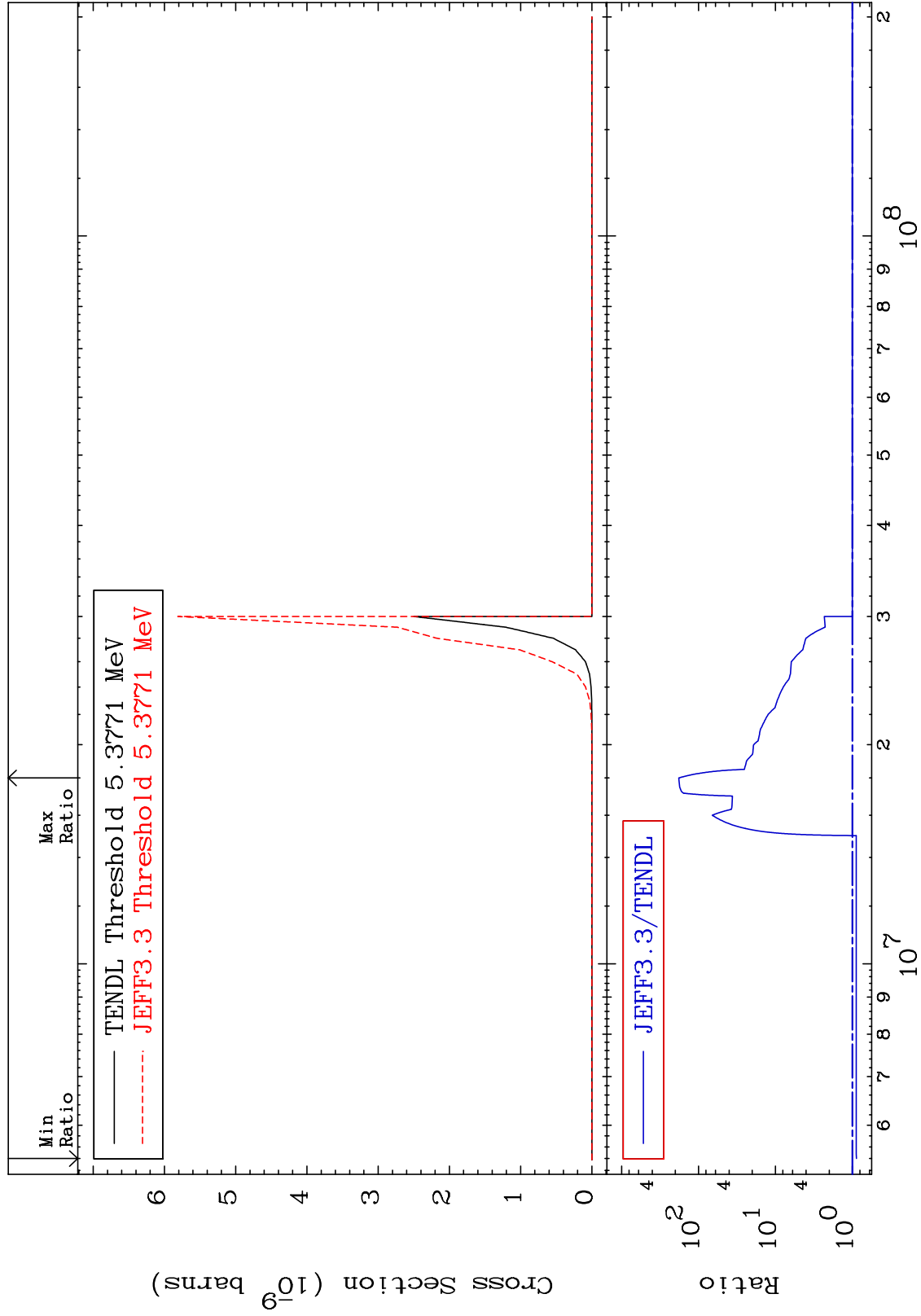
MAT 6637

(n,d) α

66-Dy-160

Cross Section

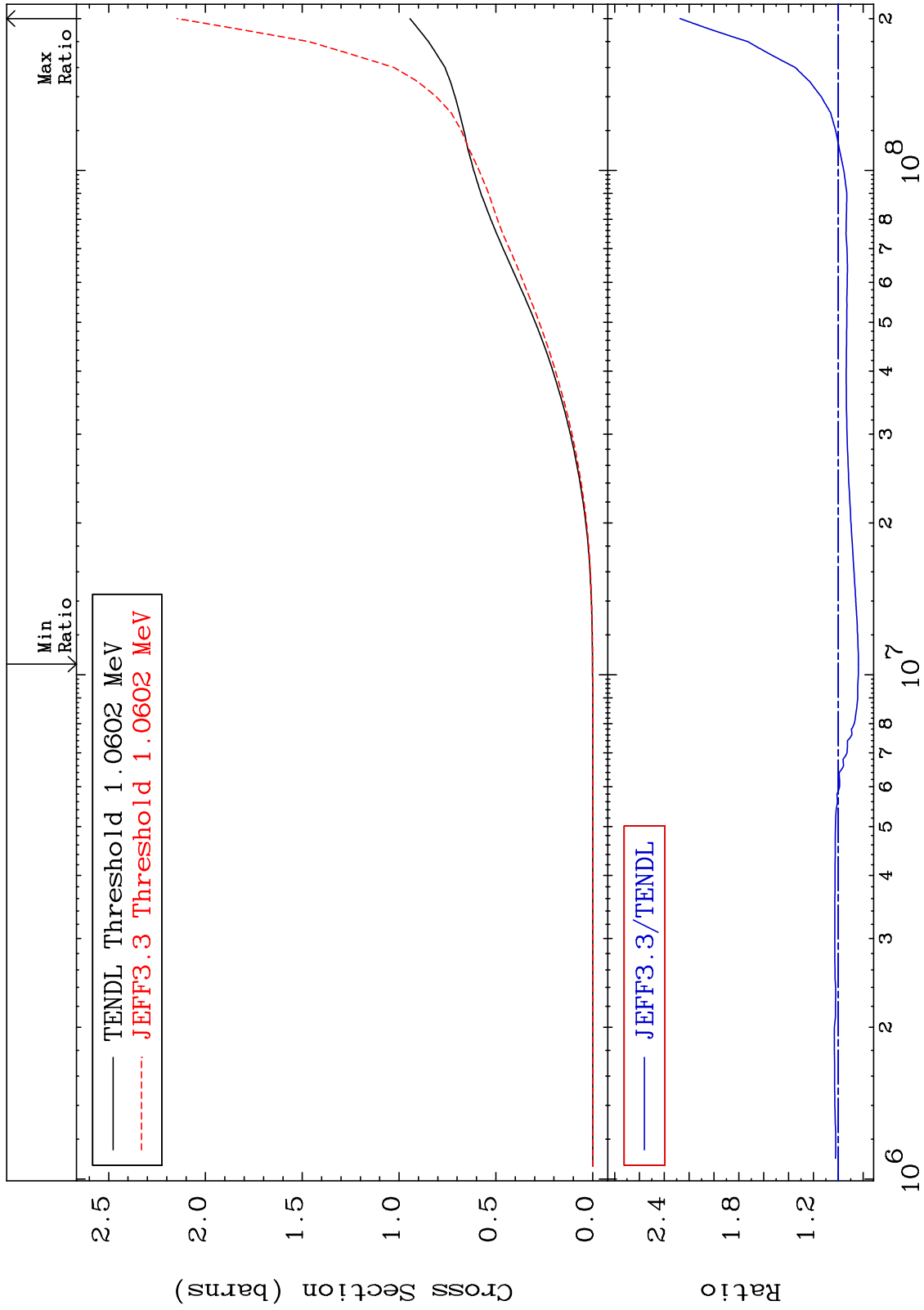
-11.56 To 9999. %



MAT 6637

Hydrogen Production
Cross Section

66-Dy-160
-16.24 To 127.4 %



63

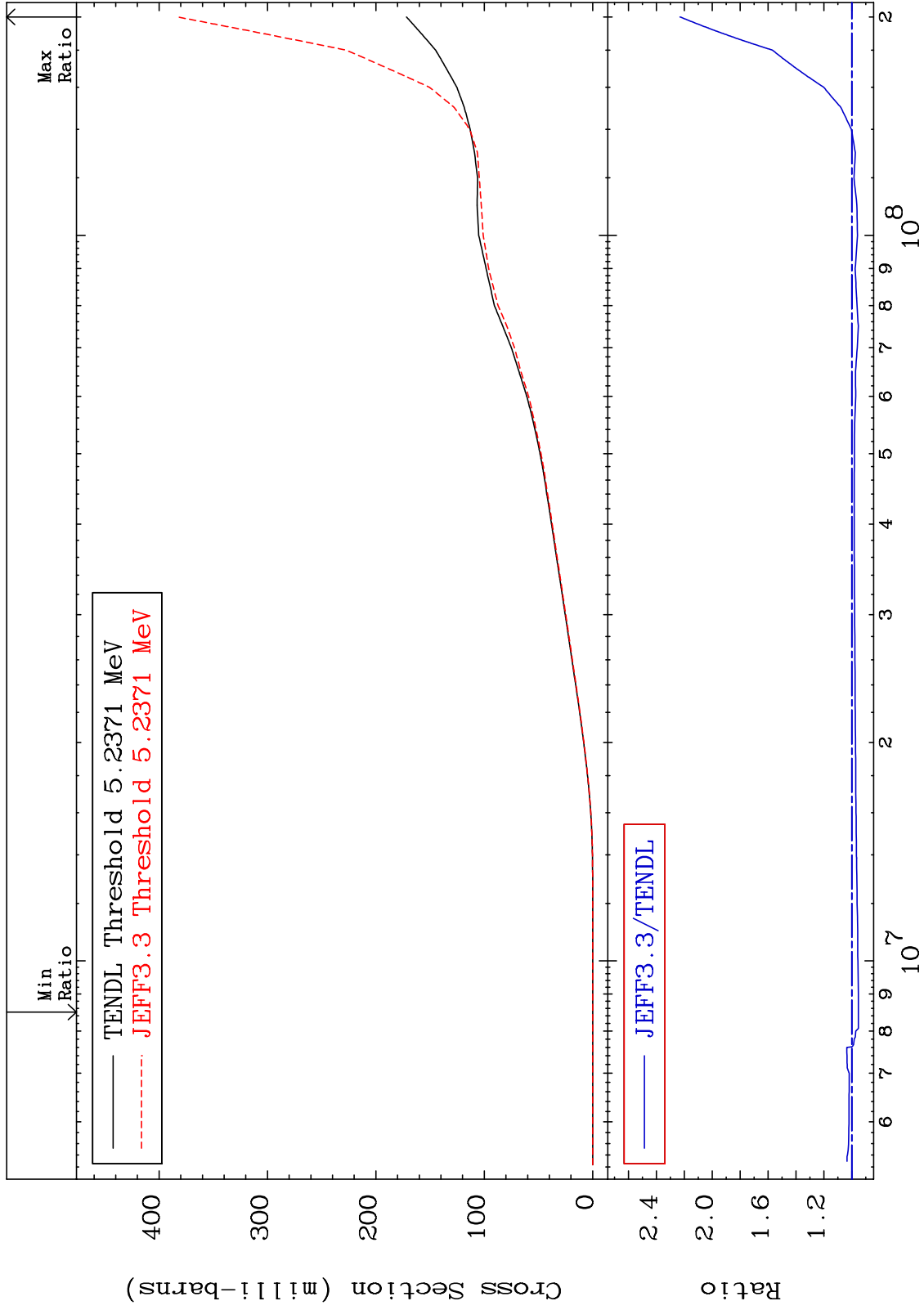
Incident Energy (eV)

66-Dy-160

MAT 6637

Deuterium Production
Cross Section

66-Dy-160
-4.664 To 123.1 %



64

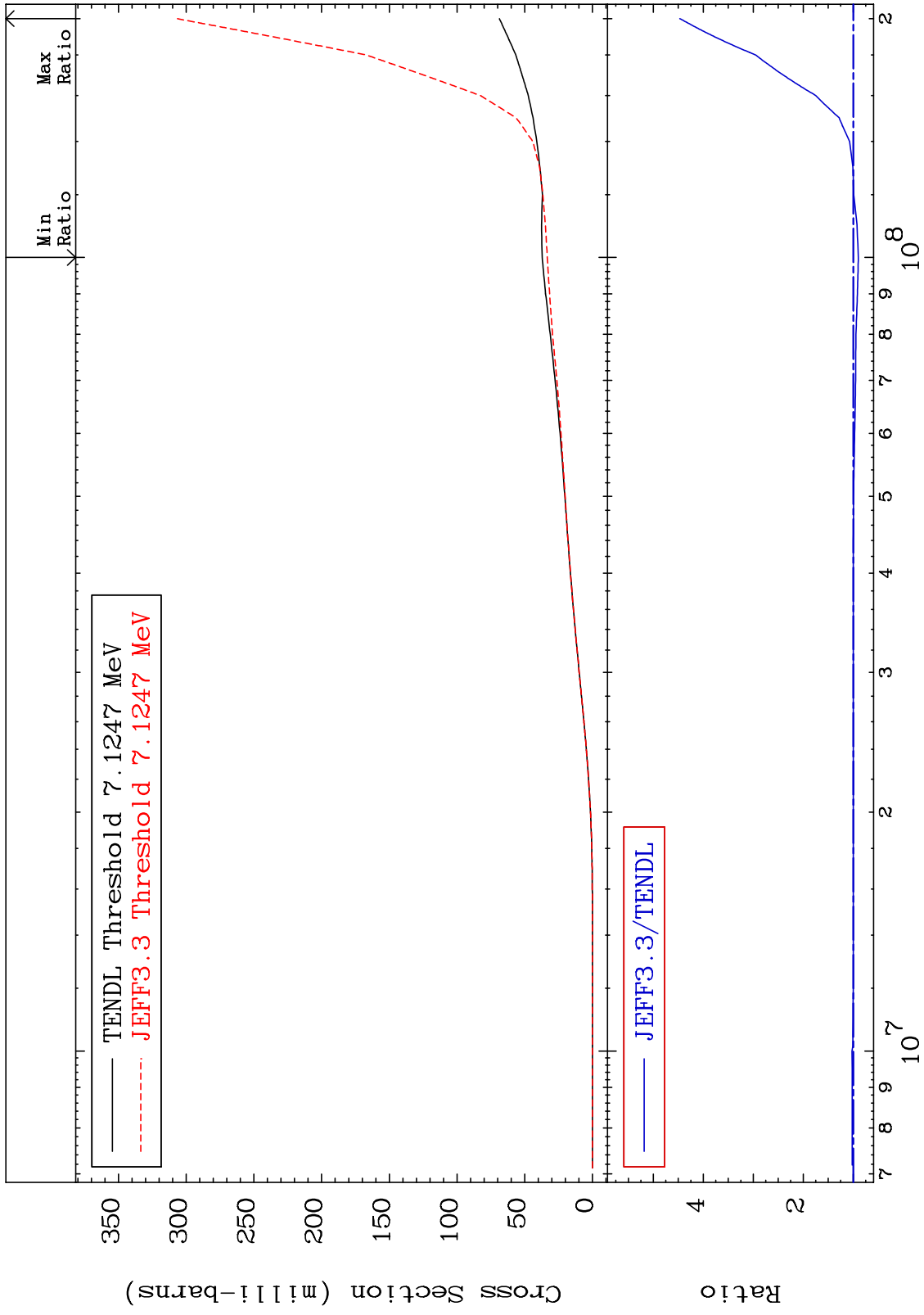
Incident Energy (eV)

66-Dy-160

MAT 6637

Tritium Production
Cross Section

66-Dy-160
-10.31 To 347.0 %



65

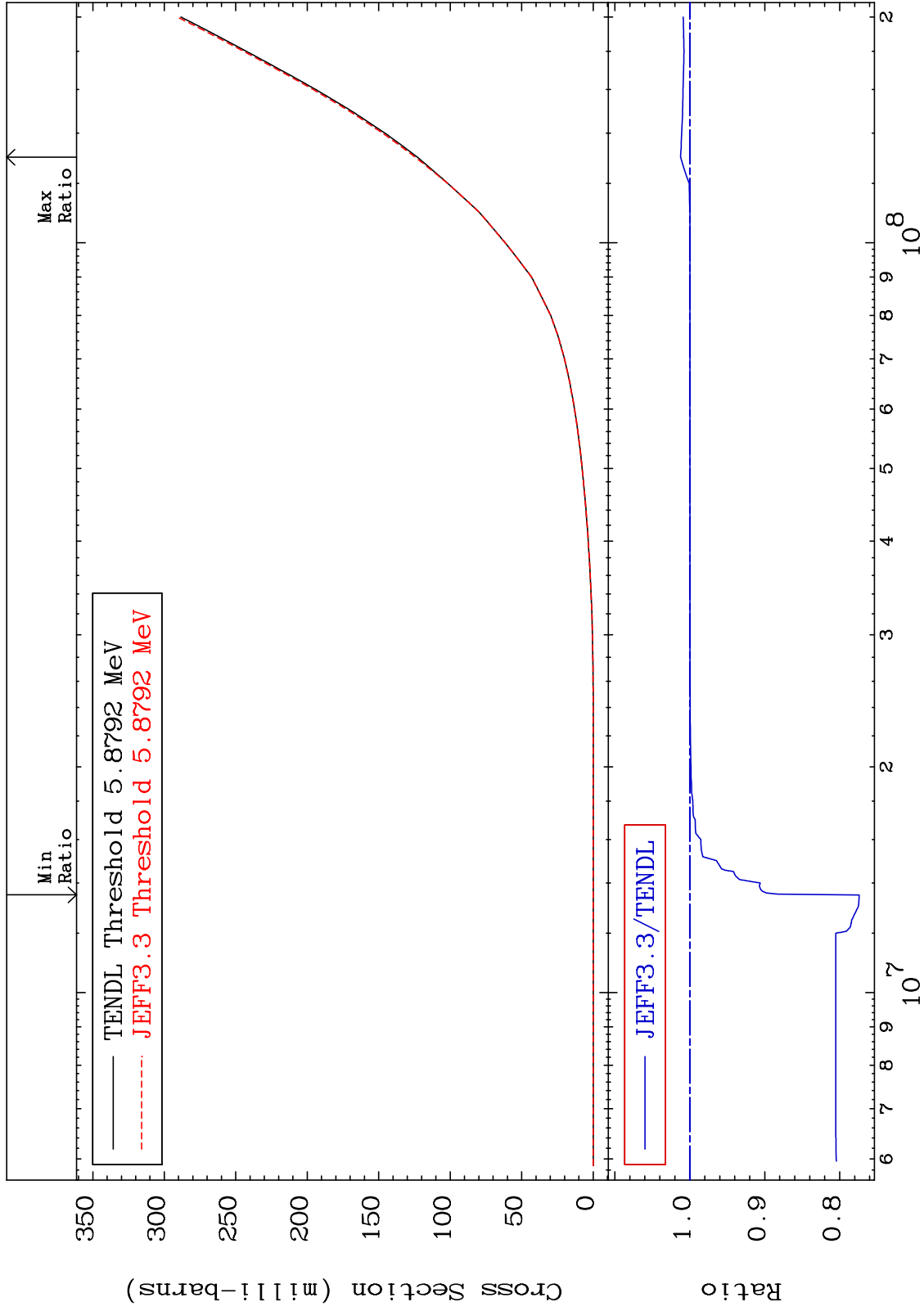
Incident Energy (eV)

66-Dy-160

MAT 6637

He-3 Production
Cross Section

66-Dy-160
-22.60 To 1.223 %



66

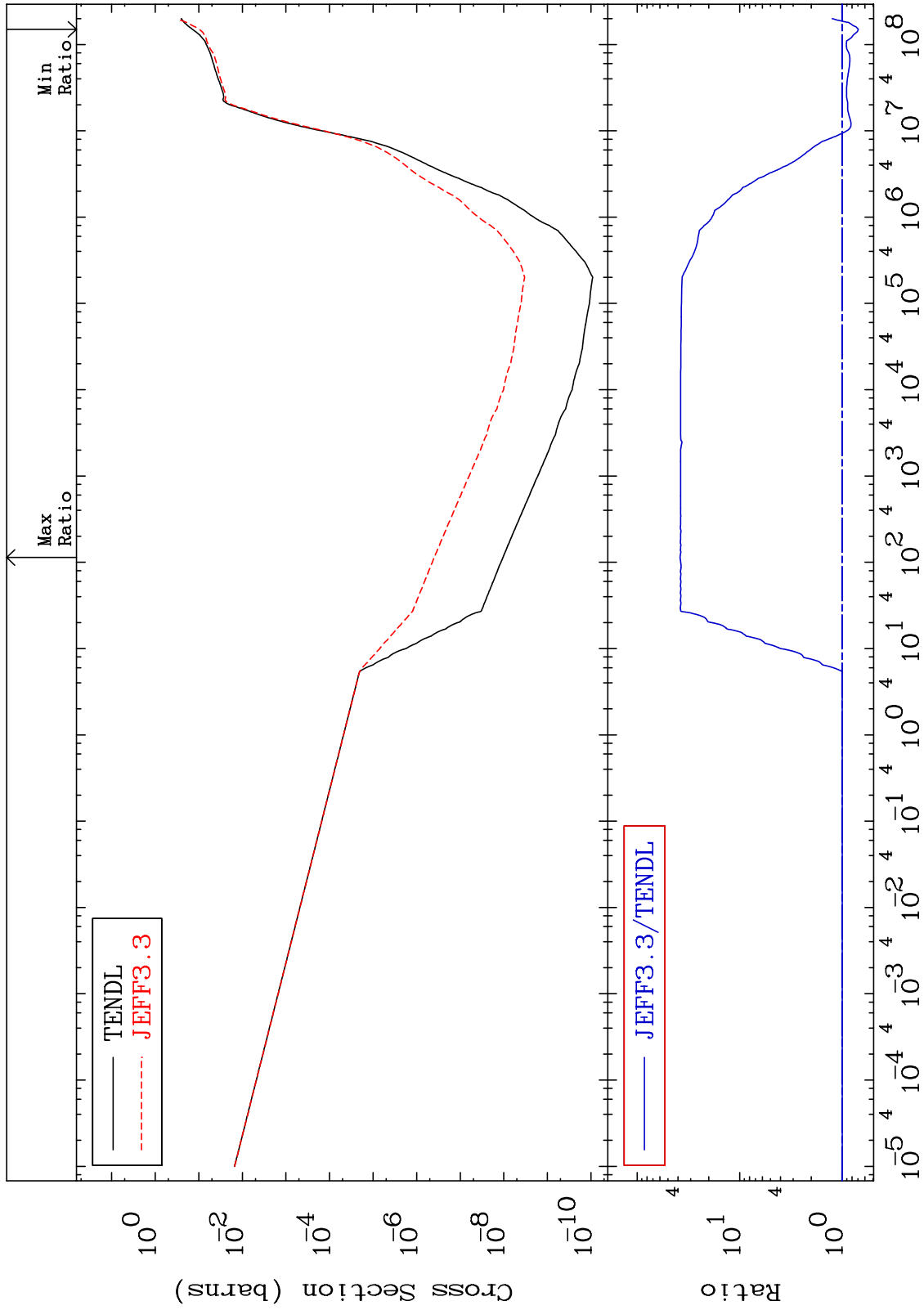
Incident Energy (eV)

66-Dy-160

MAT 6637

He-4 Production
Cross Section

66-Dy-160
-30.66 To 3715. %



67

Incident Energy (eV)

66-Dy-160

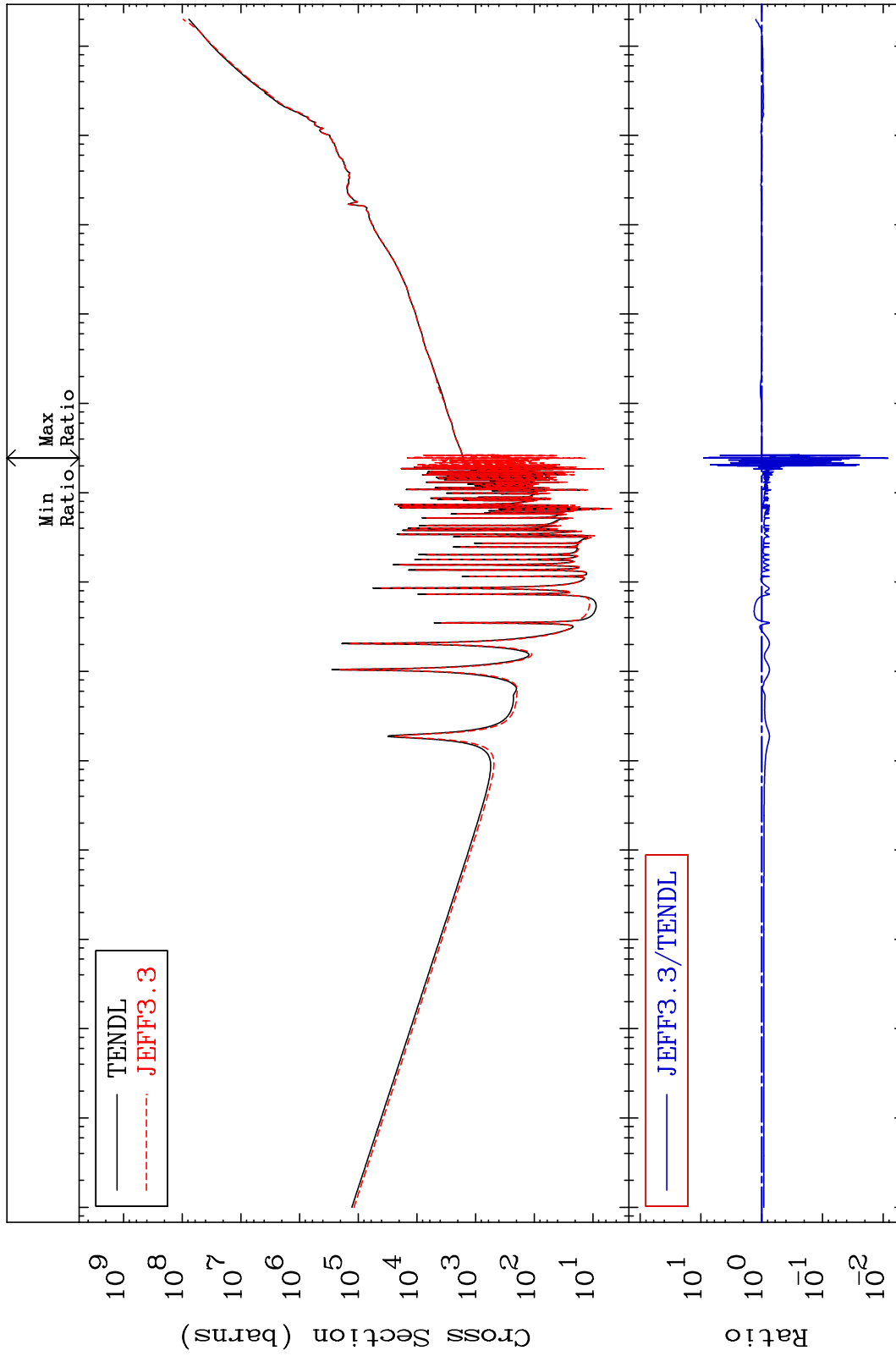
MAT 6637

Kerma total (eV-barns)

66-Dy-160

Cross Section

-99.17 To 803.5 %



Ratio

Incident Energy (eV)

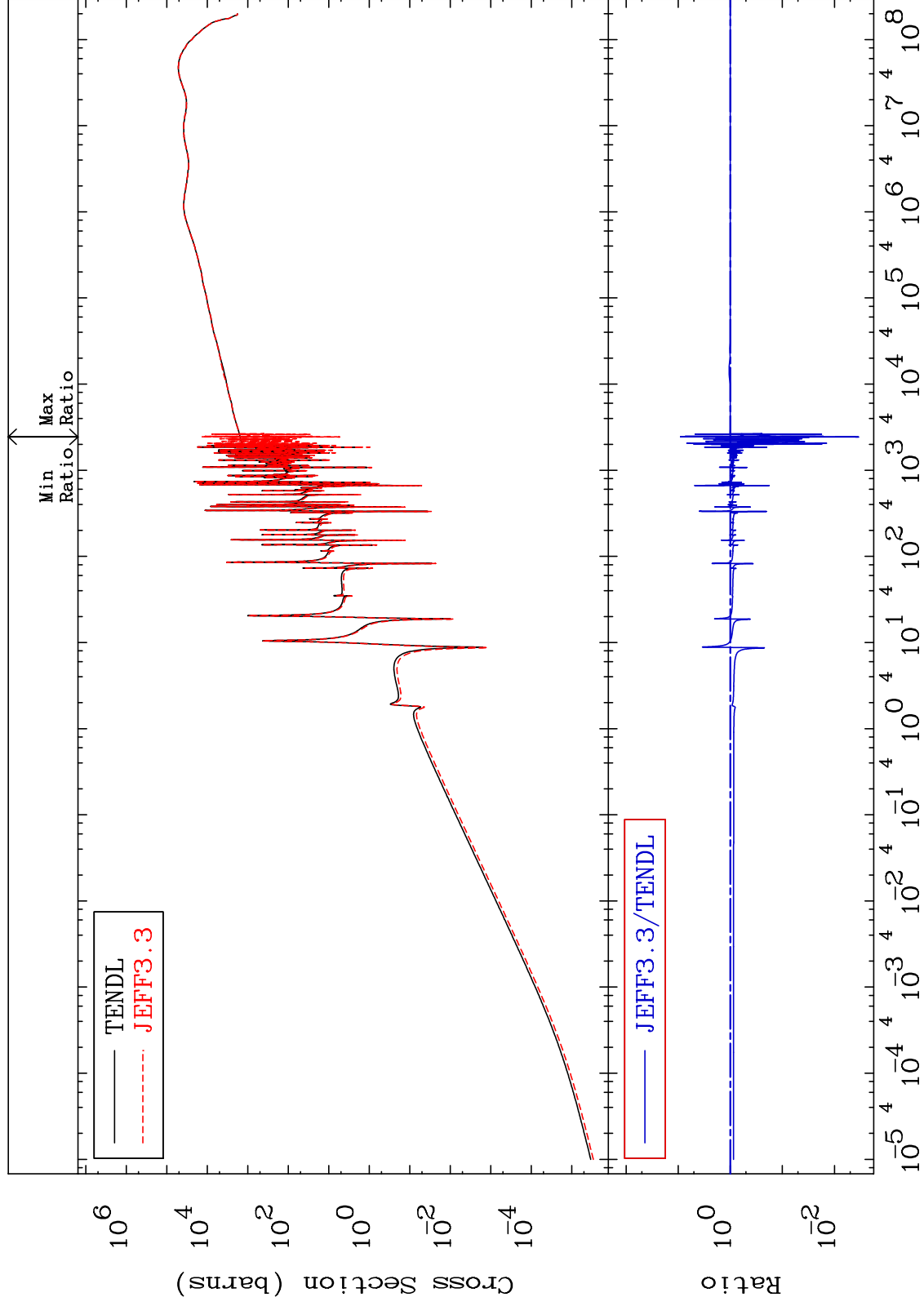
66-Dy-160

68

MAT 6637

Kerma elastic
Cross Section

66-Dy-160
-99.66 To 806.3 %



69

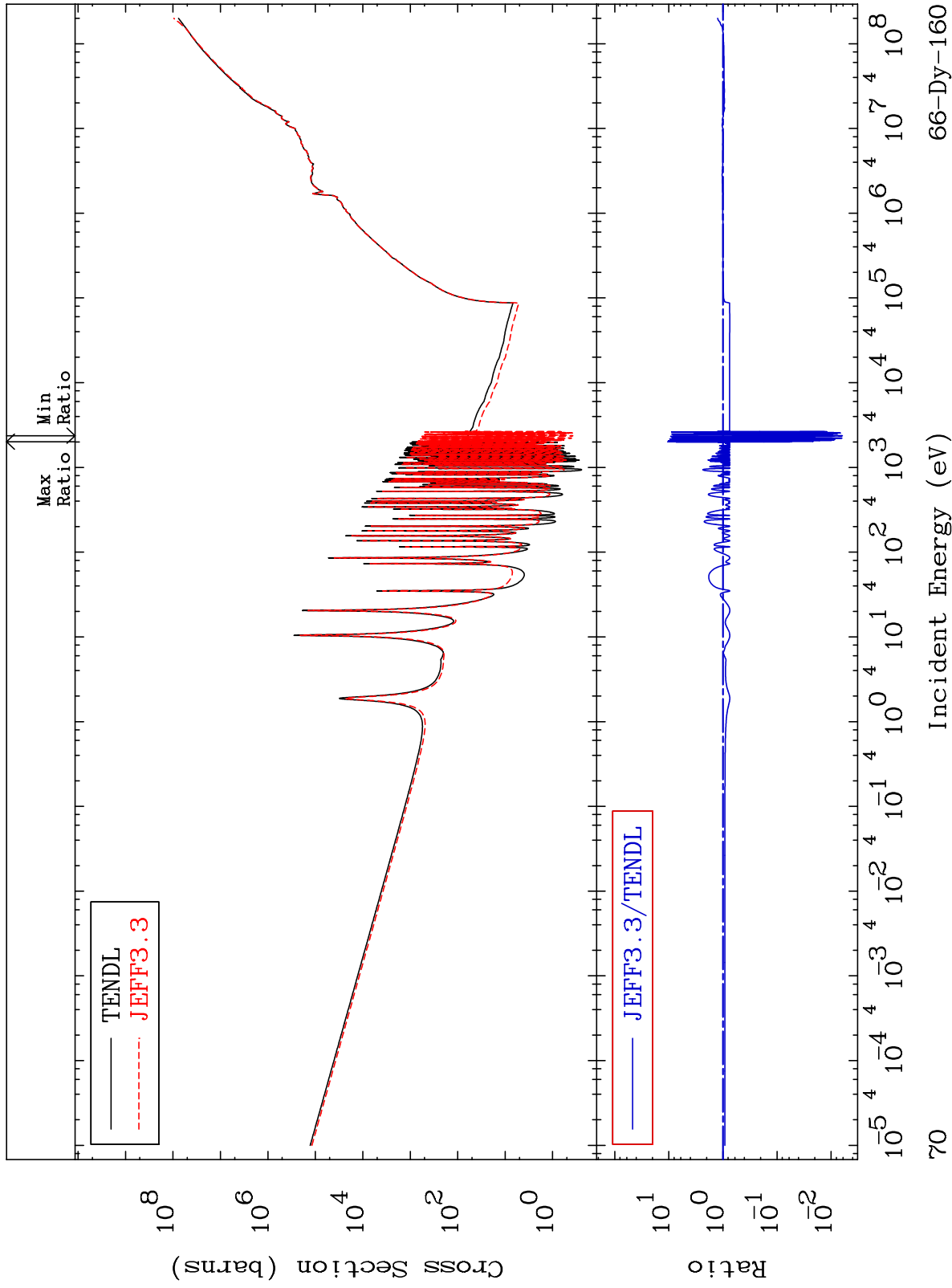
Incident Energy (eV)

66-Dy-160

MAT 6637

Kerma non-elastic (all but mt2)
Cross Section

66-Dy-160
-99.39 To 955.2 %



70

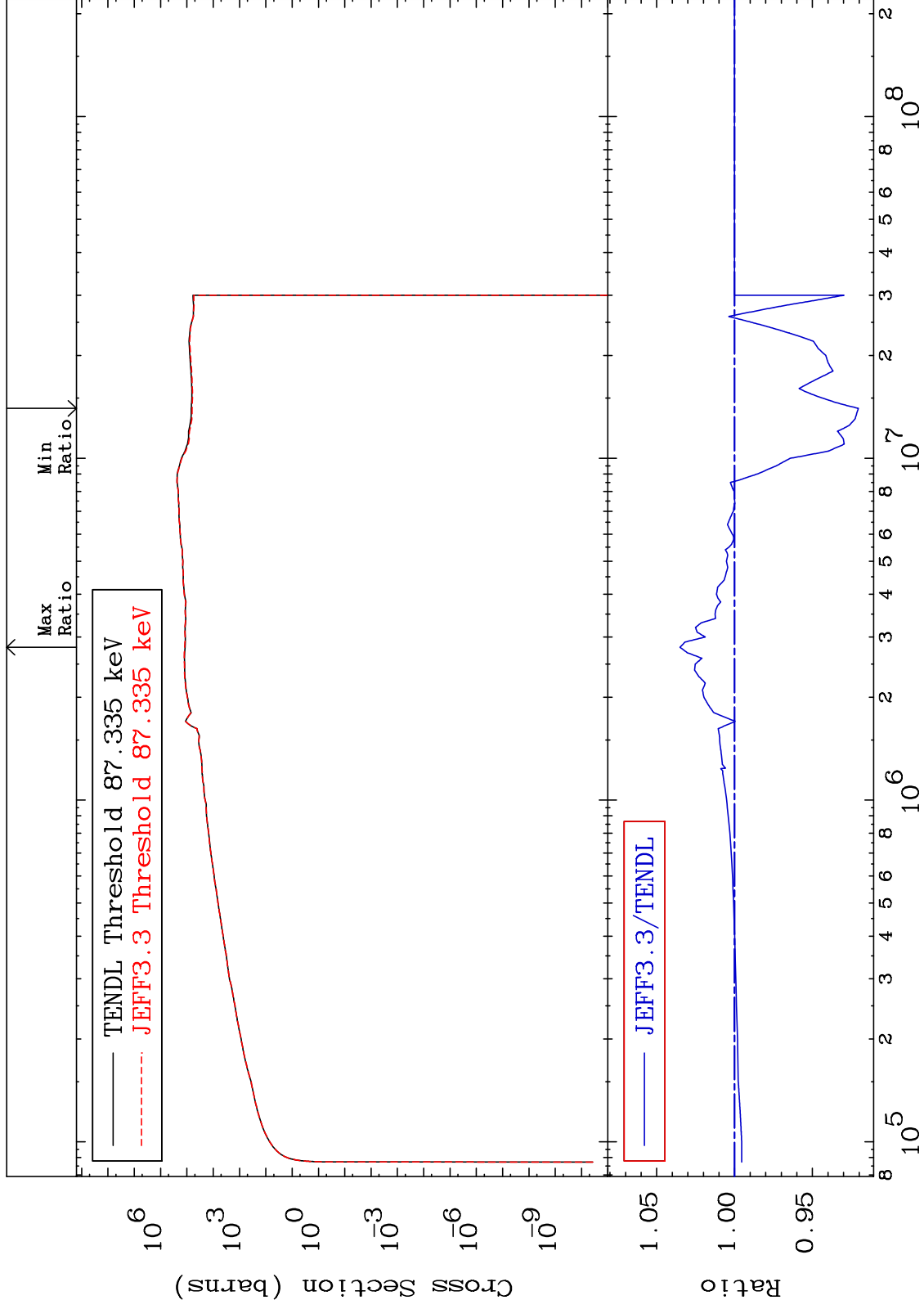
Incident Energy (eV)

66-Dy-160

MAT 6637

Kerma inelastic (mt51-91)
Cross Section

66-Dy-160
-7.953 To 3.502 %



71

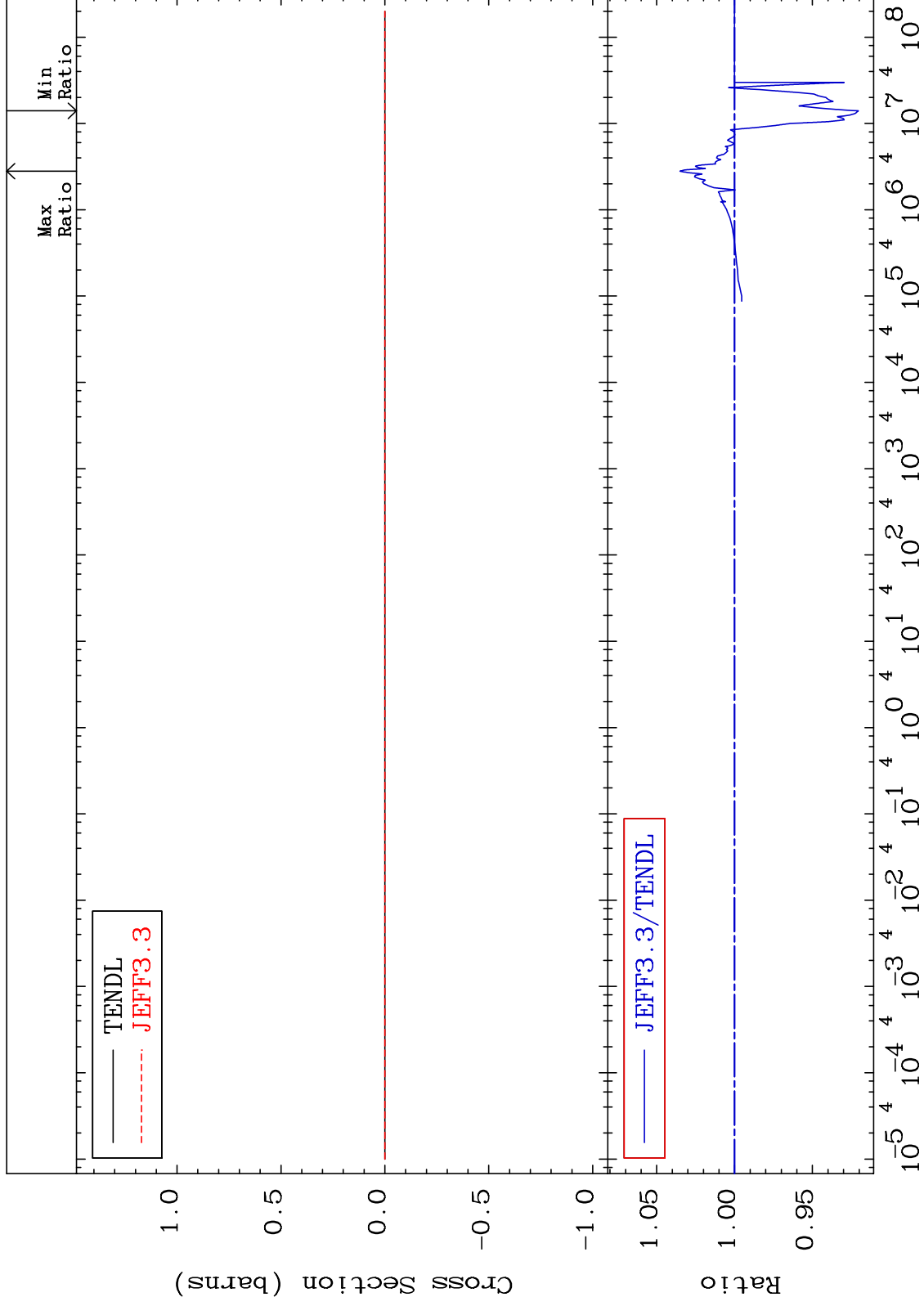
Incident Energy (eV)

66-Dy-160

MAT 6637

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

66-Dy-160
-7.953 To 3.502 %



72

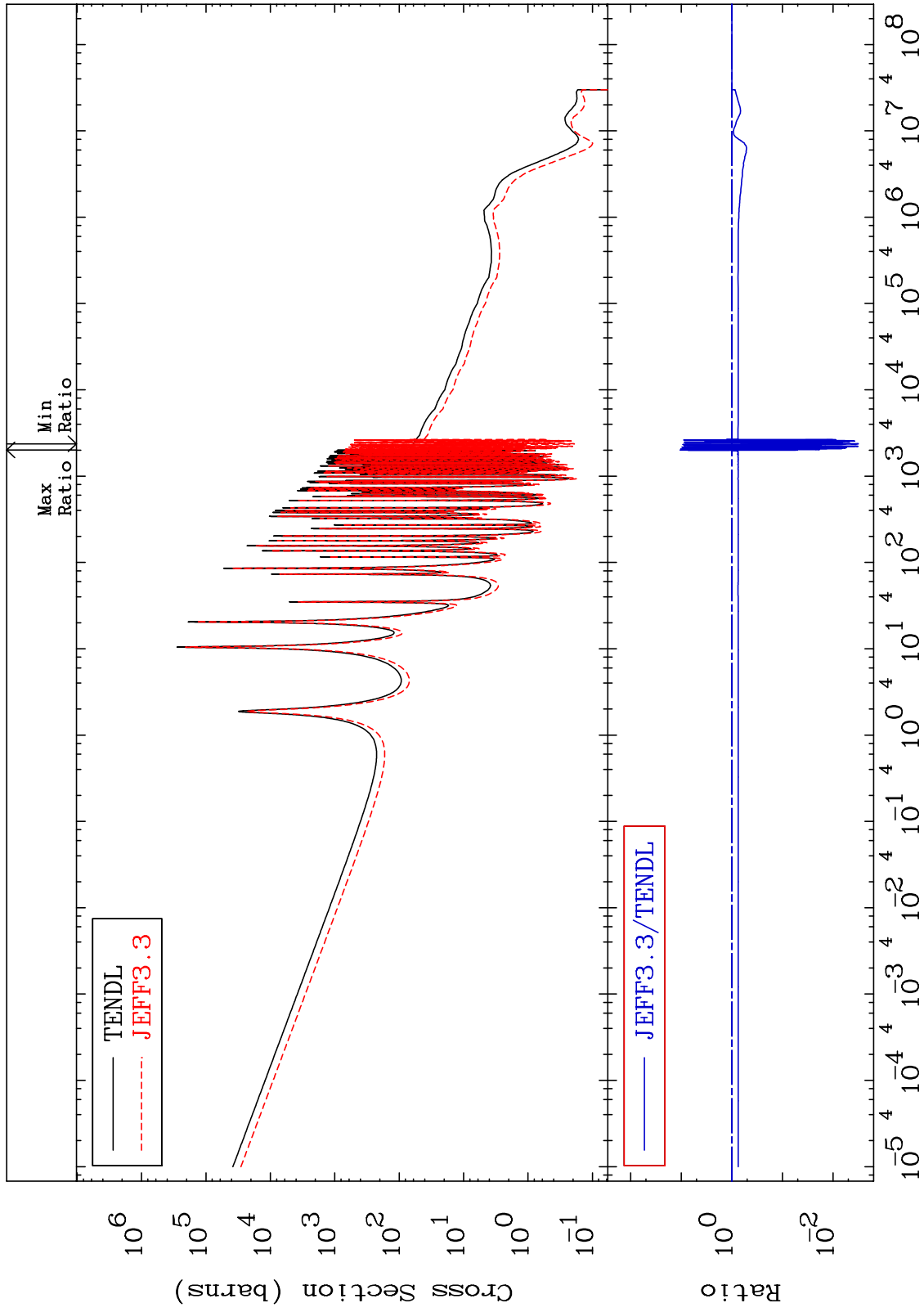
Incident Energy (eV)

66-Dy-160

MAT 6637

Kerma capture (mt102)
Cross Section

66-Dy-160
-99.69 To 955.0 %

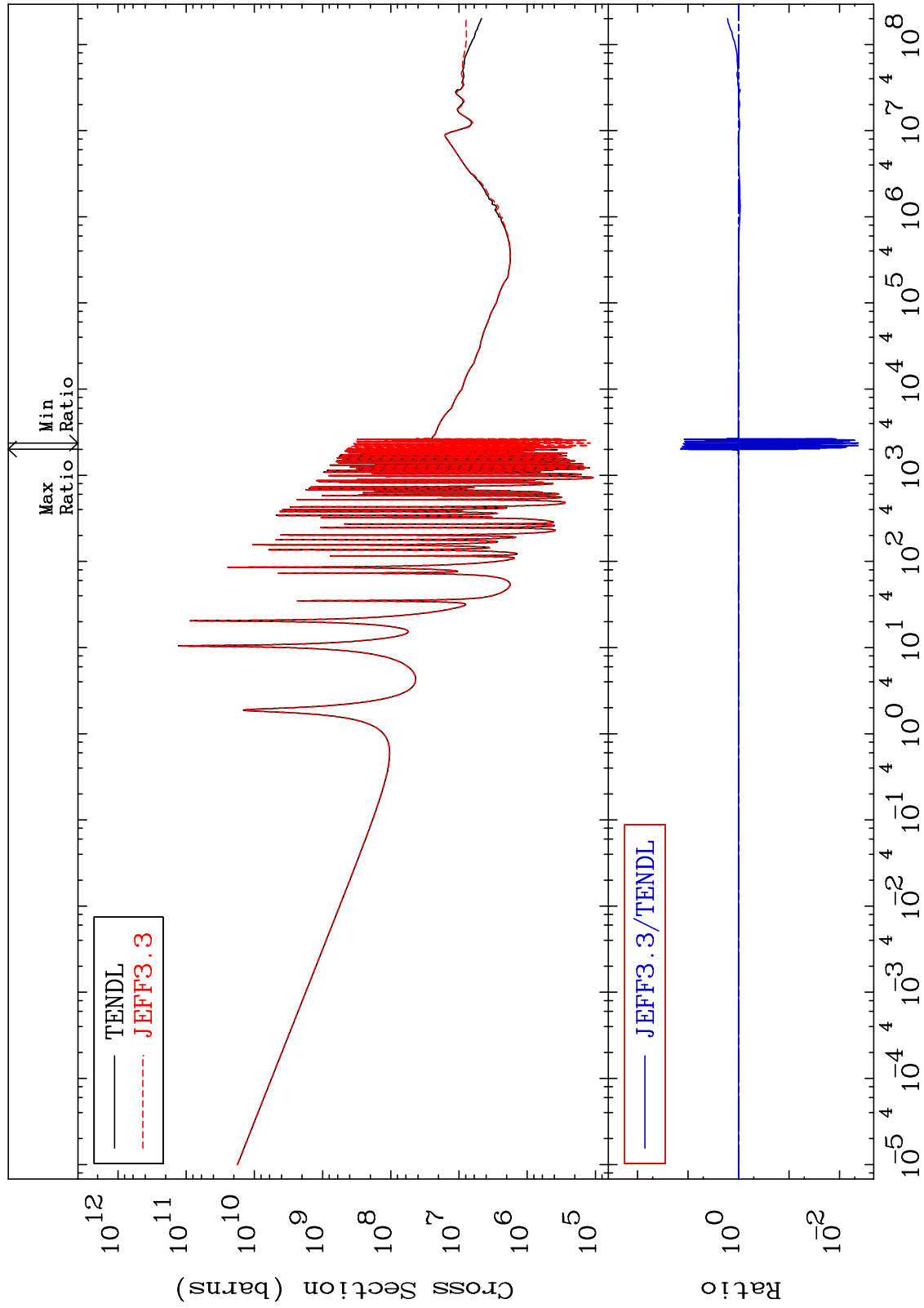


73

MAT 6637

Total photon (eV-barns)
Cross Section

66-Dy-160
-99.58 To 1314. %



74

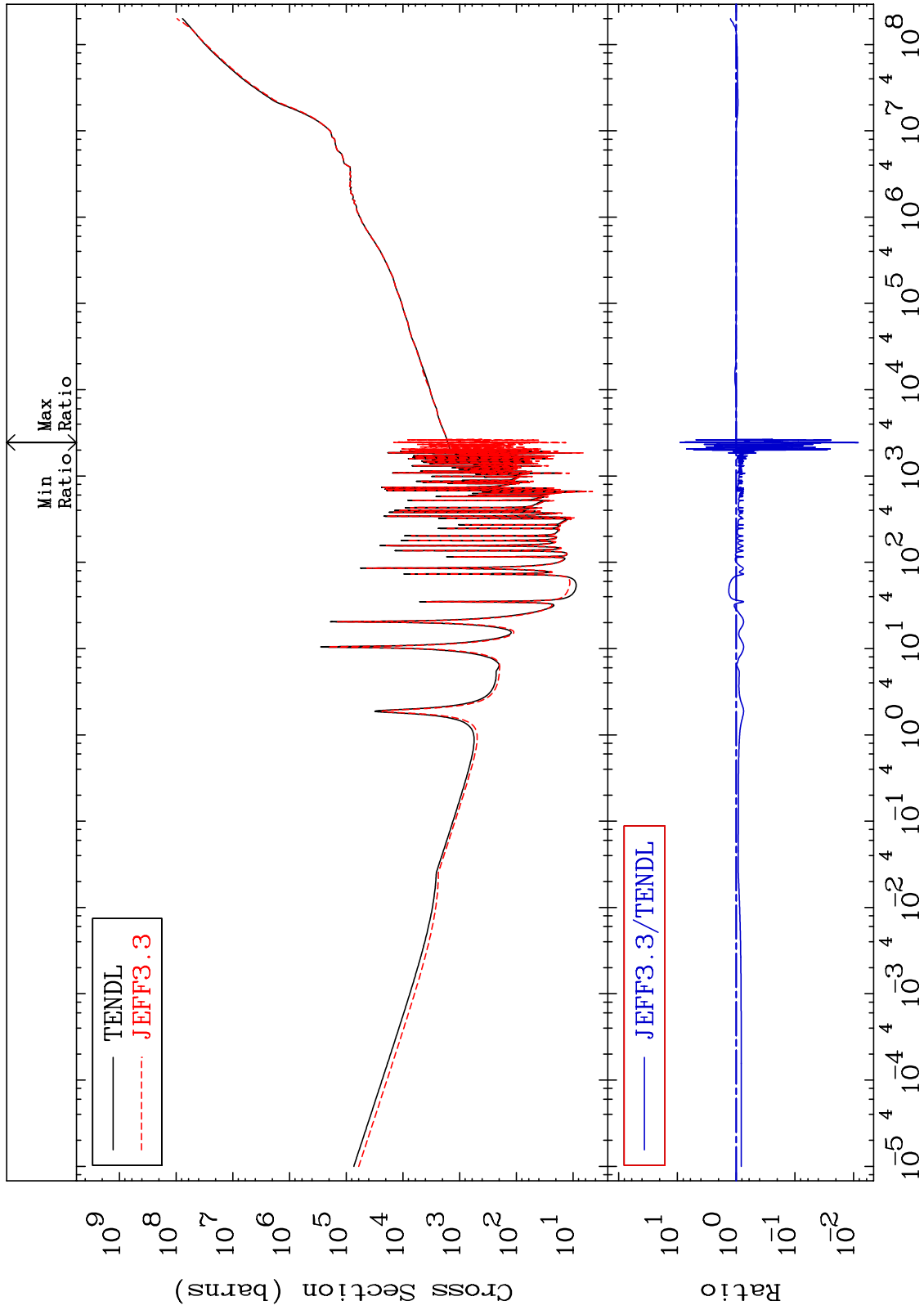
Incident Energy (eV)

66-Dy-160

MAT 6637

Total kinematic kerma (high limit)
Cross Section

66-Dy-160
-99.17 To 803.5 %



75

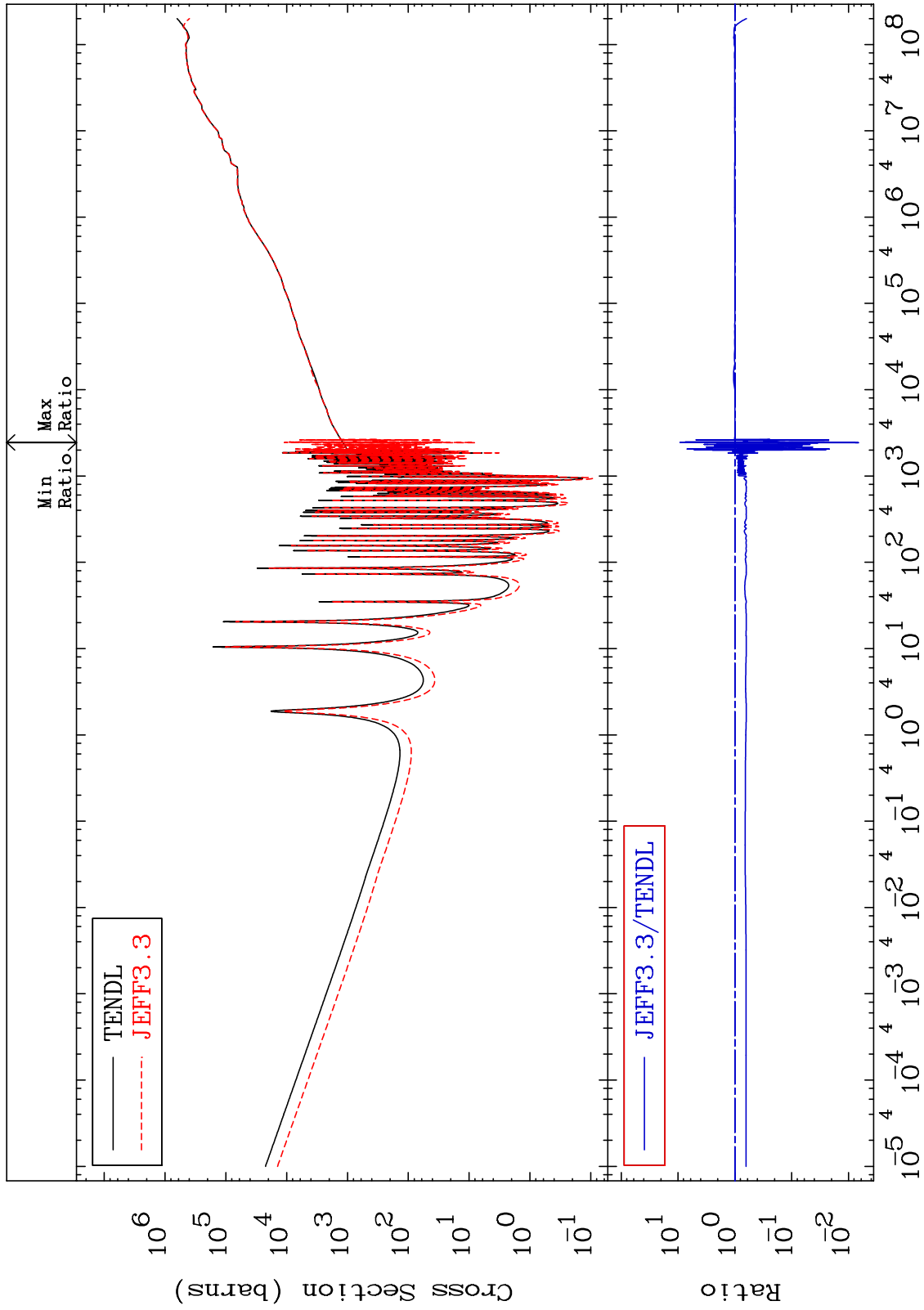
Incident Energy (eV)

66-Dy-160

MAT 6637

Dpa total (eV-barns)
Cross Section

66-Dy-160
-99.33 To 822.1 %



76

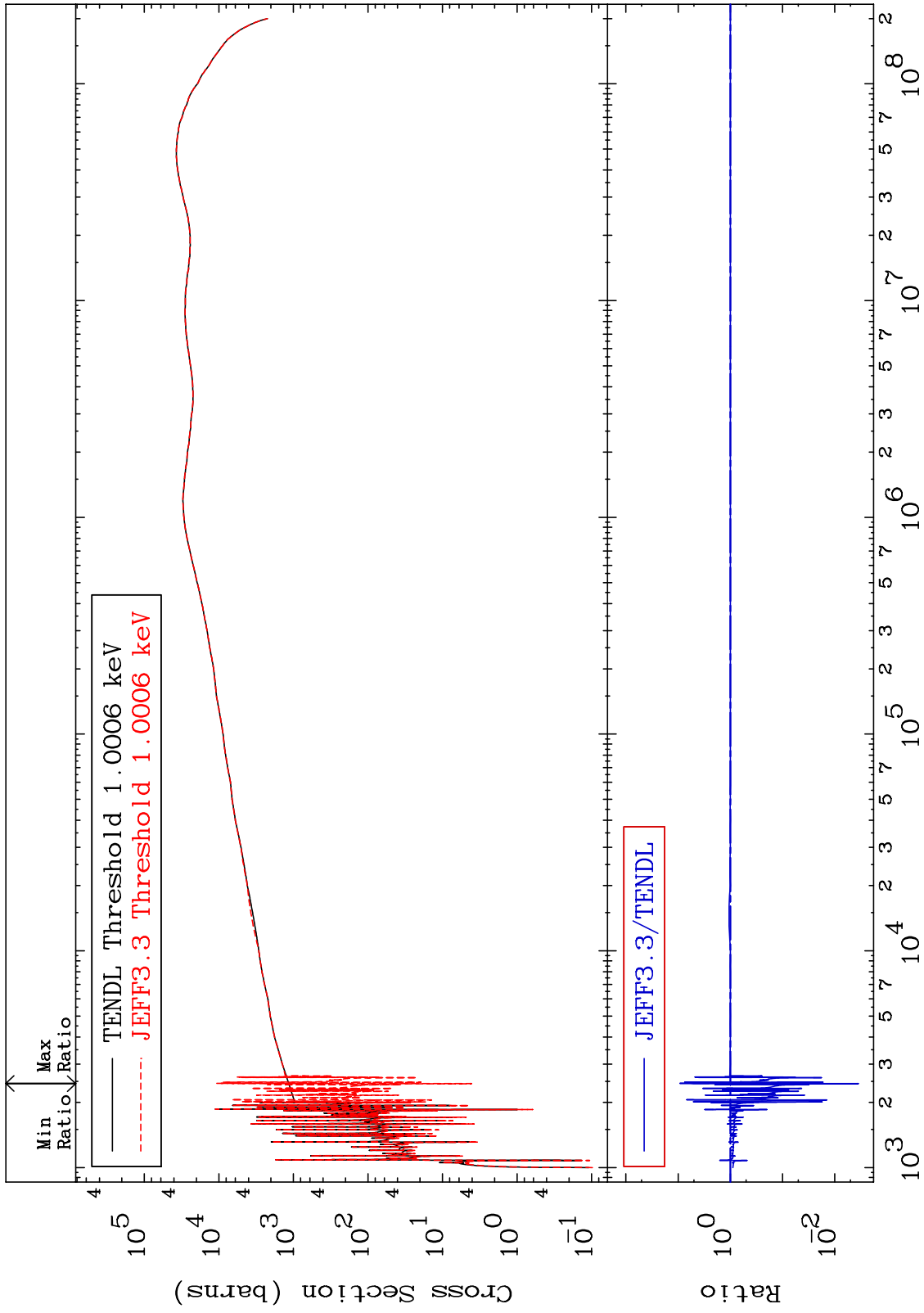
Incident Energy (eV)

66-Dy-160

MAT 6637

Dpa elastic (mt2)
Cross Section

66-Dy-160
-99.65 To 828.7 %



77

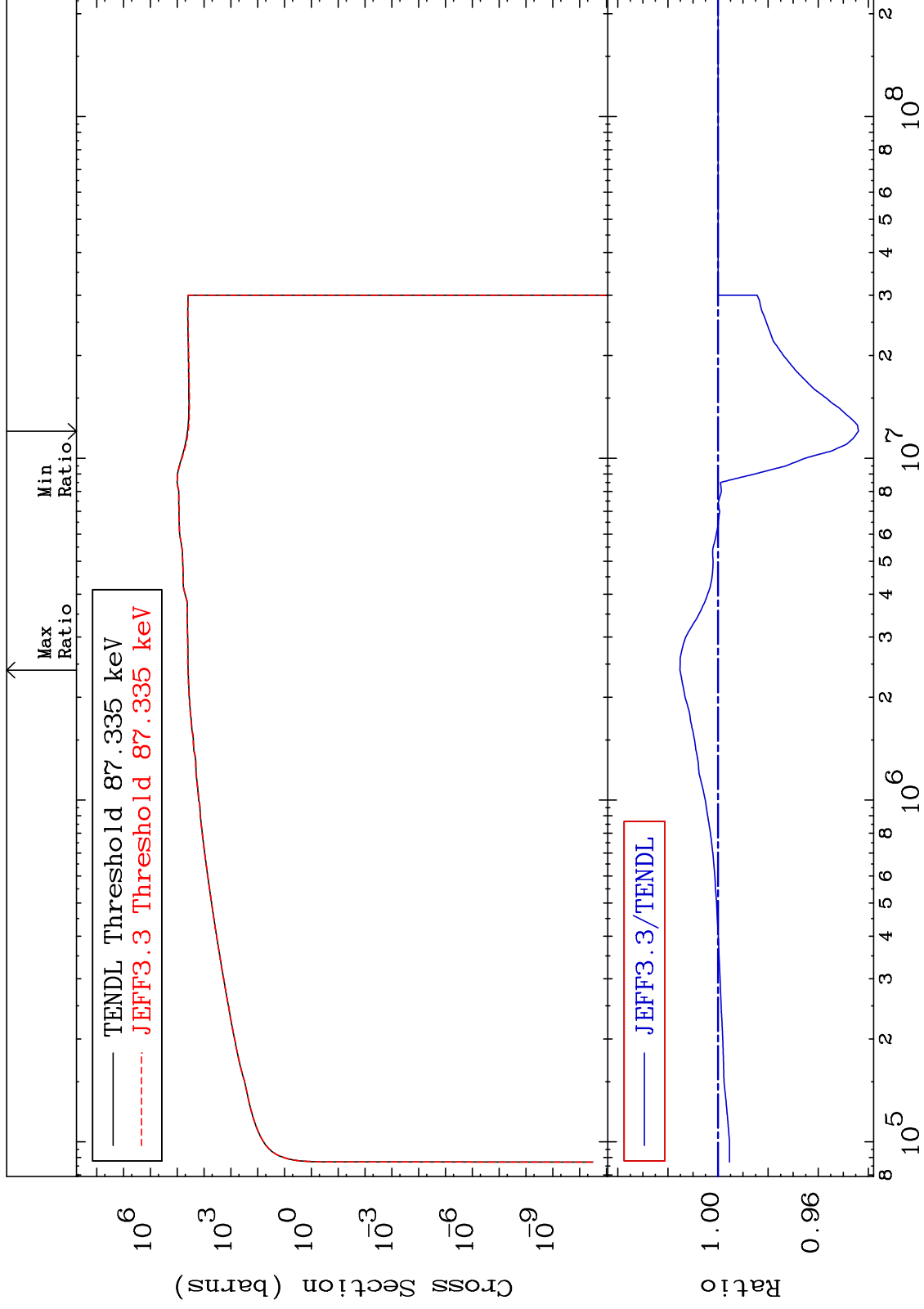
Incident Energy (eV)

66-Dy-160

MAT 6637

Dpa inelastic (mt51-91)
Cross Section

66-Dy-160
-5.604 To 1.517 %



78

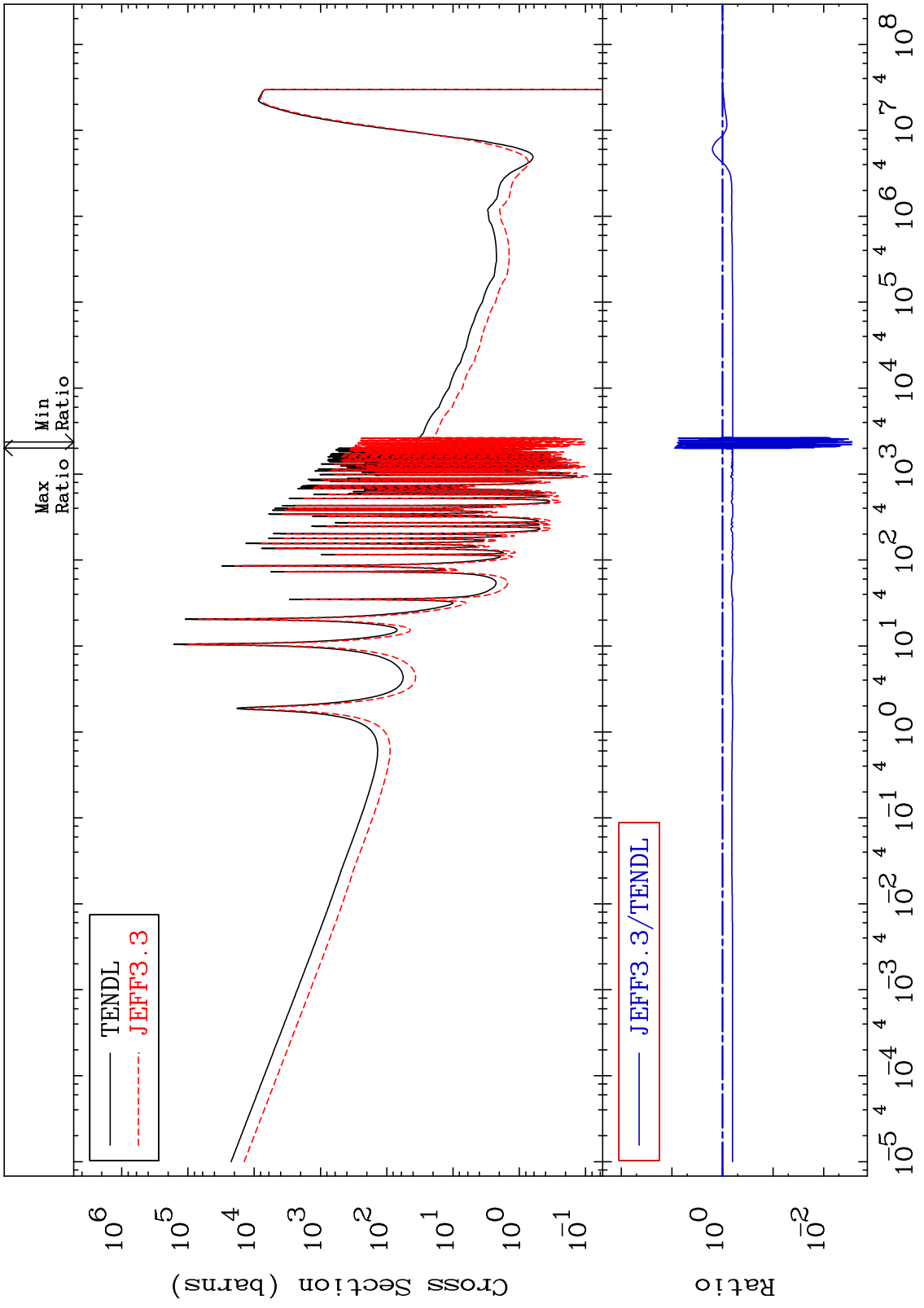
Incident Energy (eV)

66-Dy-160

MAT 6637

Dpa disappearance (mt102 -120)
Cross Section

66-Dy-160
-99.73 To 788.0 %



79

Incident Energy (eV)

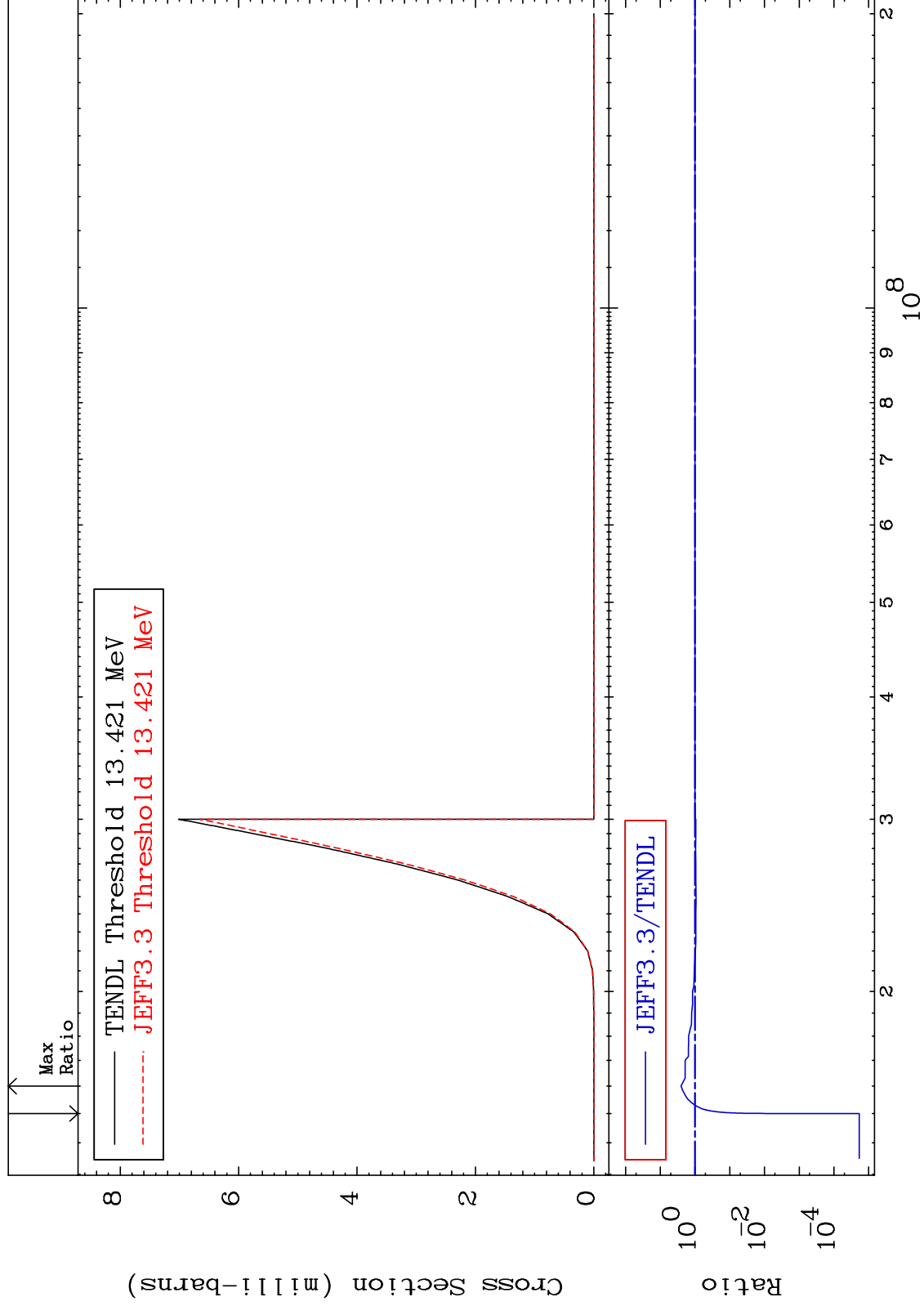
66-Dy-160

MAT 6637

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

66-Dy-160

Radionuclide Production Cross Section -100.0 To 152.6 %



80

Incident Energy (eV)

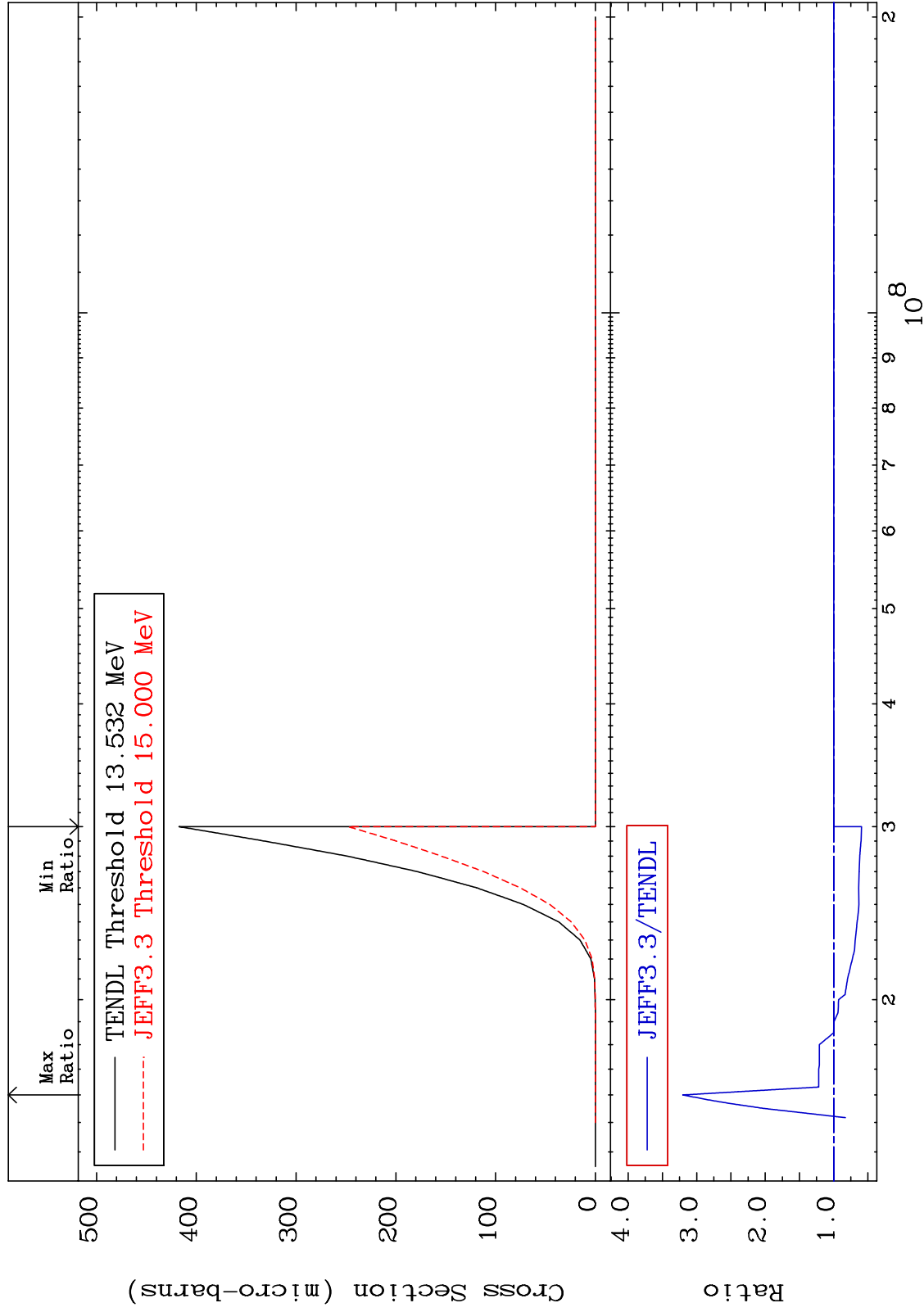
66-Dy-160

MAT 6637

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

66-Dy-160

Radionuclide Production Cross Section -40.67 To 220.2 %

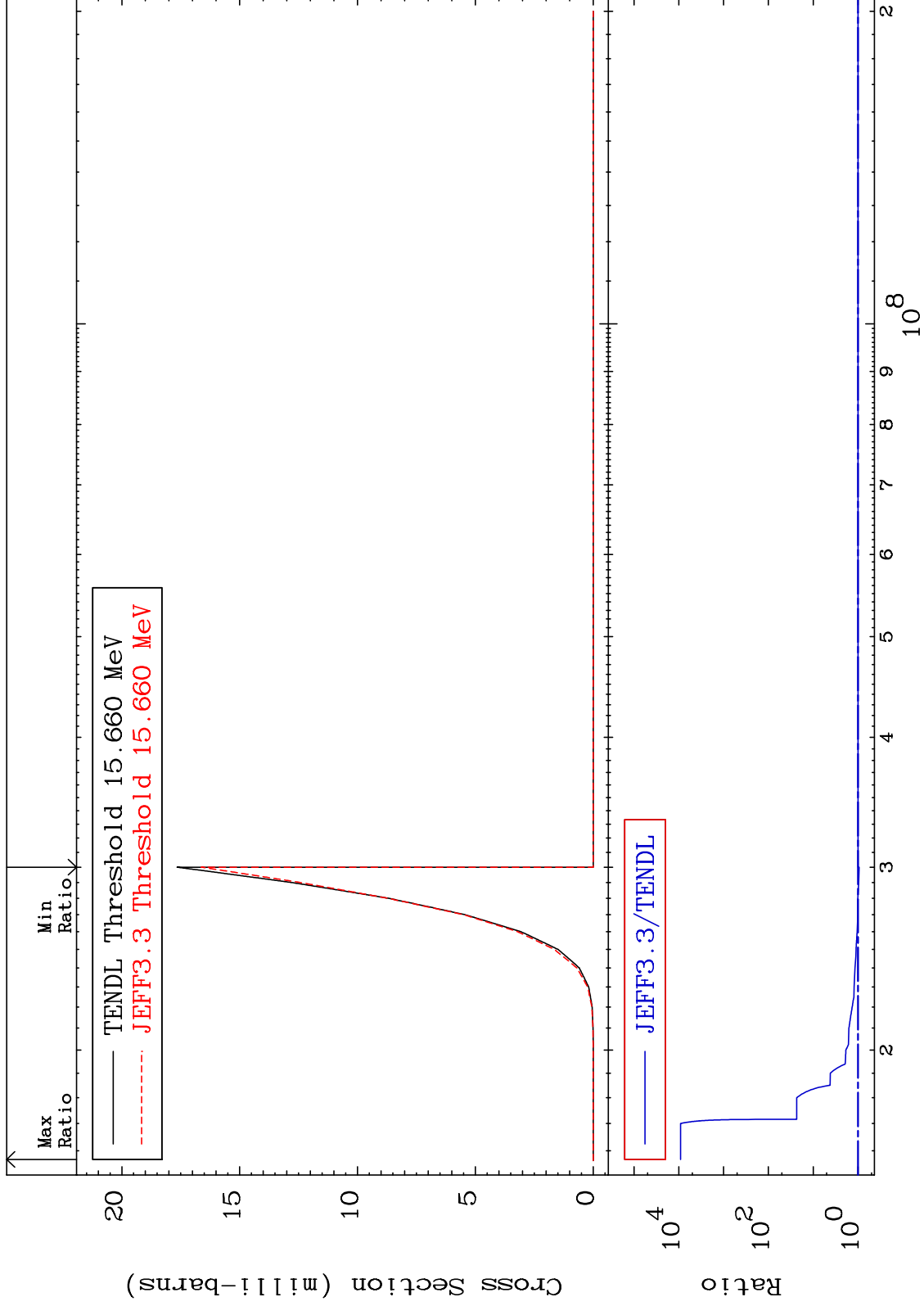


MAT 6637

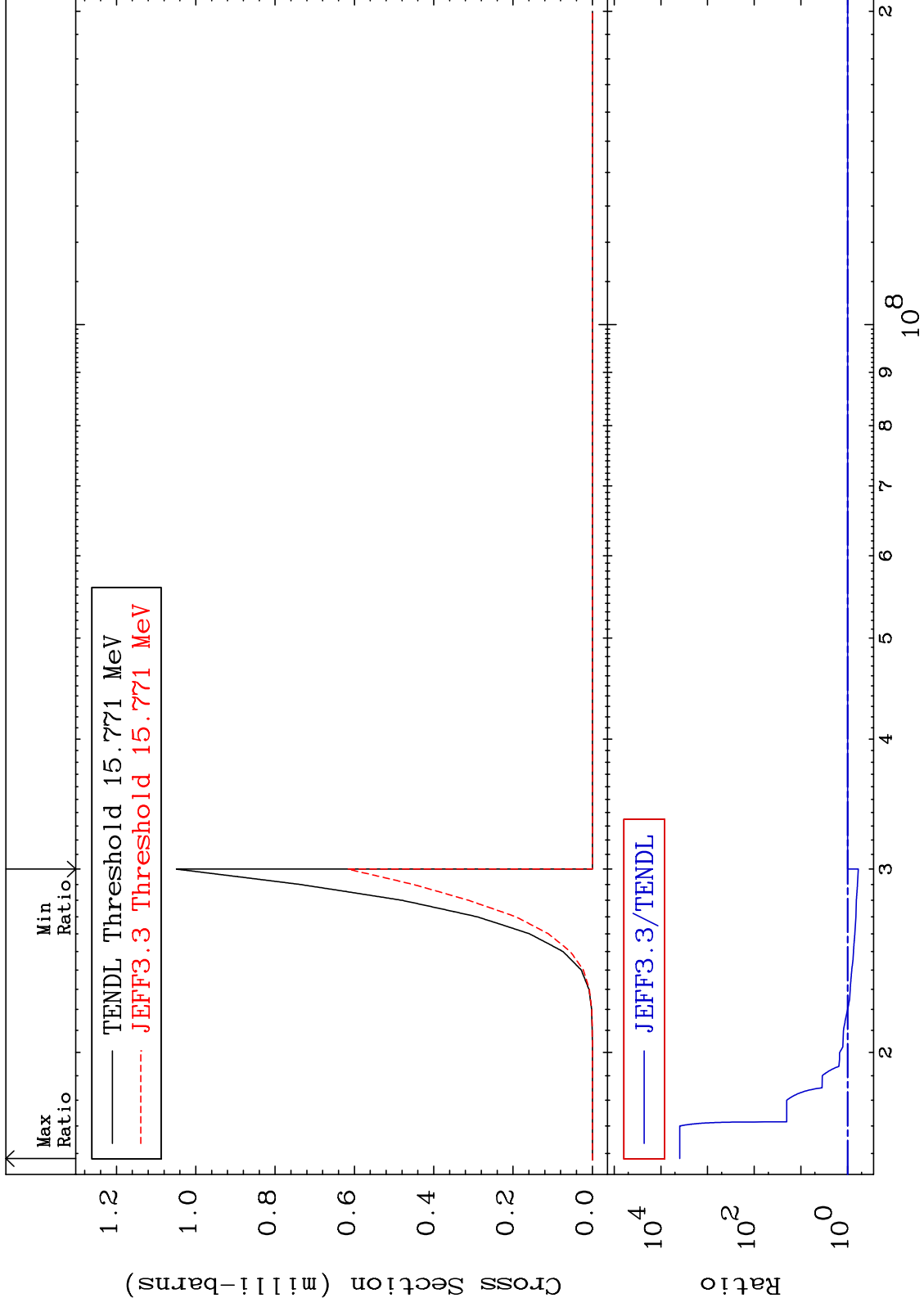
(n,2n) p:65-Tb-158g

66-Dy-160

Radionuclide Production Cross Section -5.792 To 9999. %



Radionuclide Production Cross Section -41.17 To 9999. %

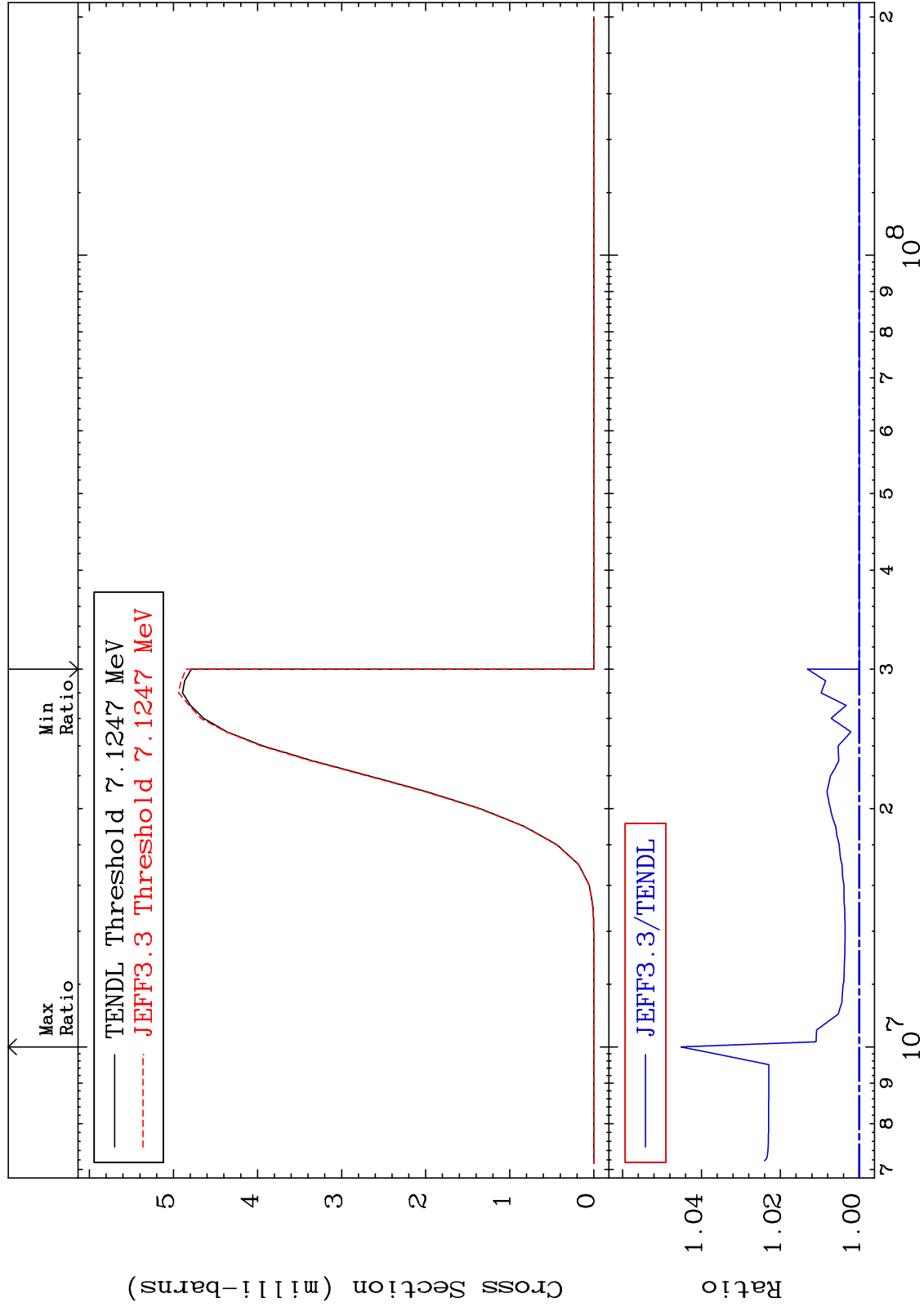


MAT 6637

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

66-Dy-160

Radionuclide Production Cross Section 0.000 To 4.516 %

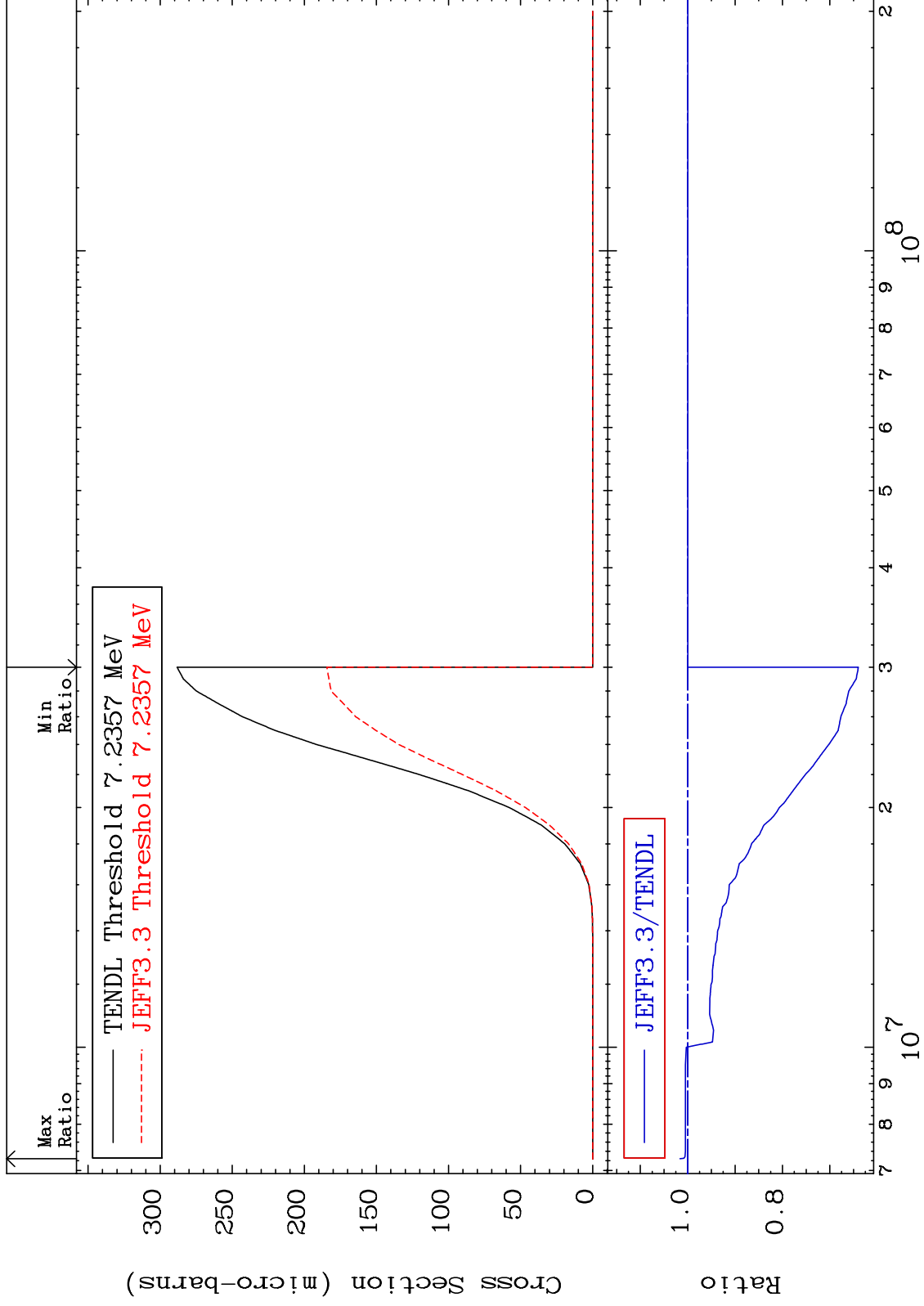


MAT 6637

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

66-Dy-160

Radionuclide Production Cross Section -36.03 To 1.621 %



85

Incident Energy (eV)

66-Dy-160