

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

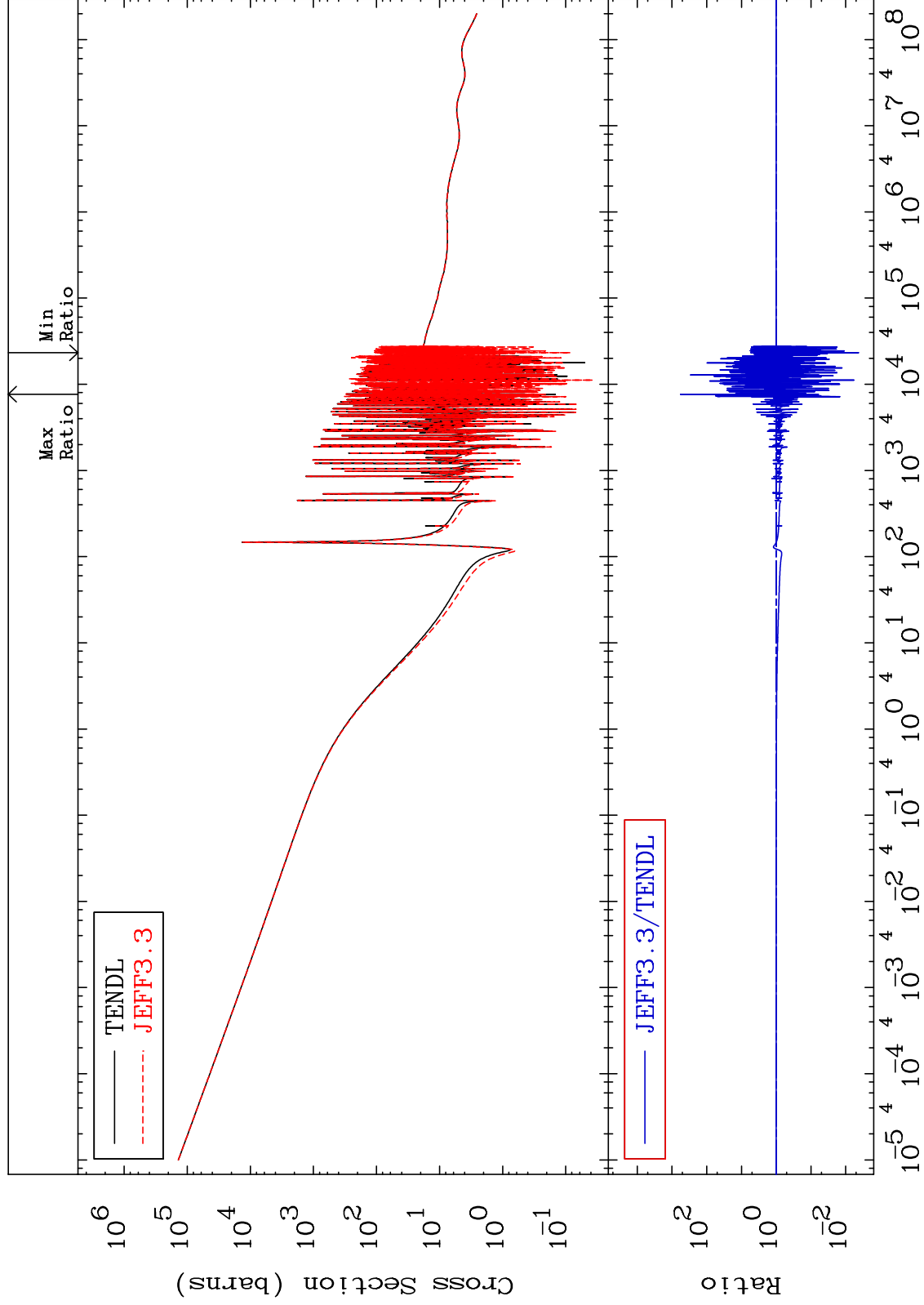
MAT 6649

Total

66-Dy-164

Cross Section

-99.57 To 9999. %



1

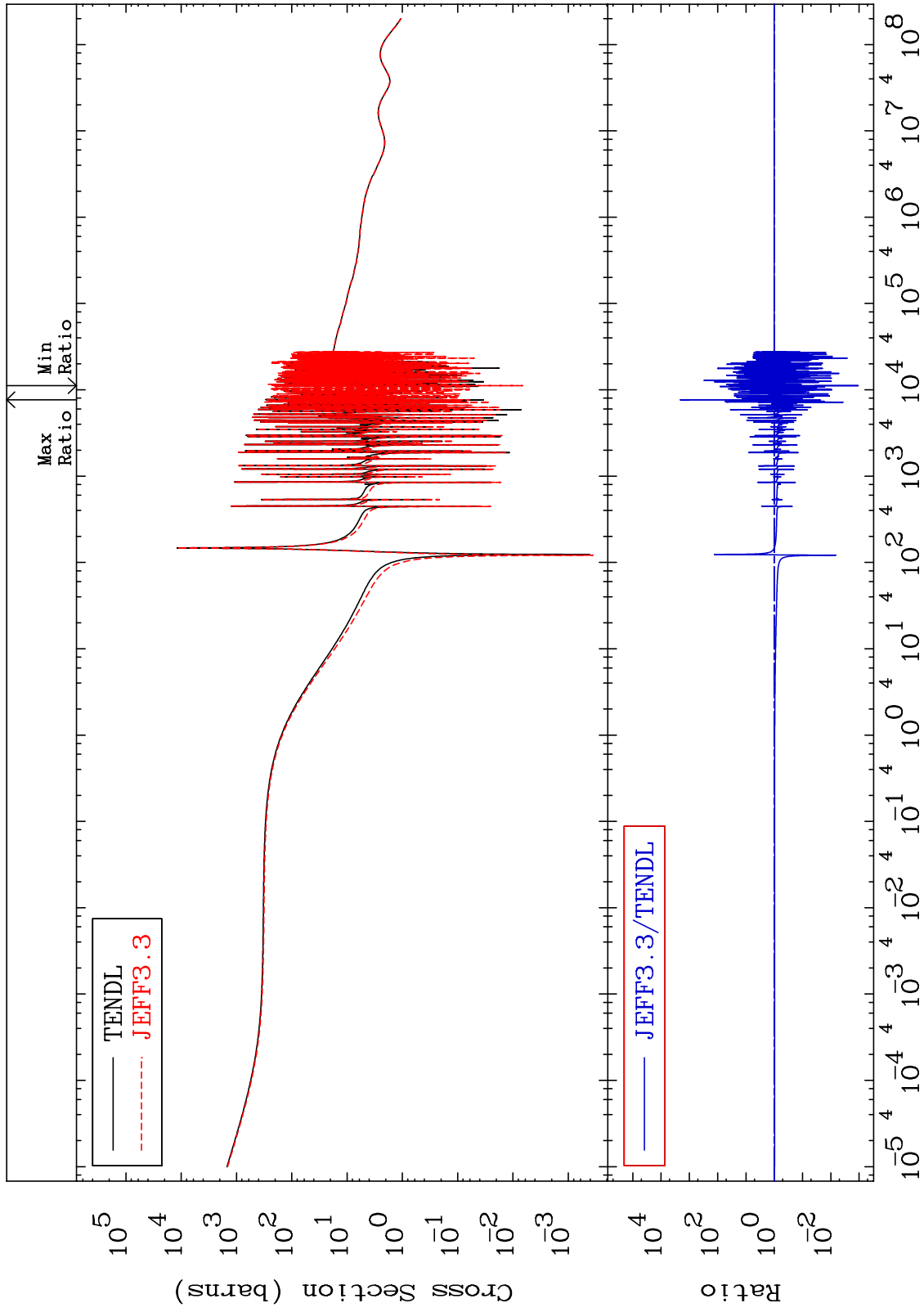
Incident Energy (eV)

66-Dy-164

MAT 6649

Elastic
Cross Section

66-Dy-164
-99.89 To 9999. %



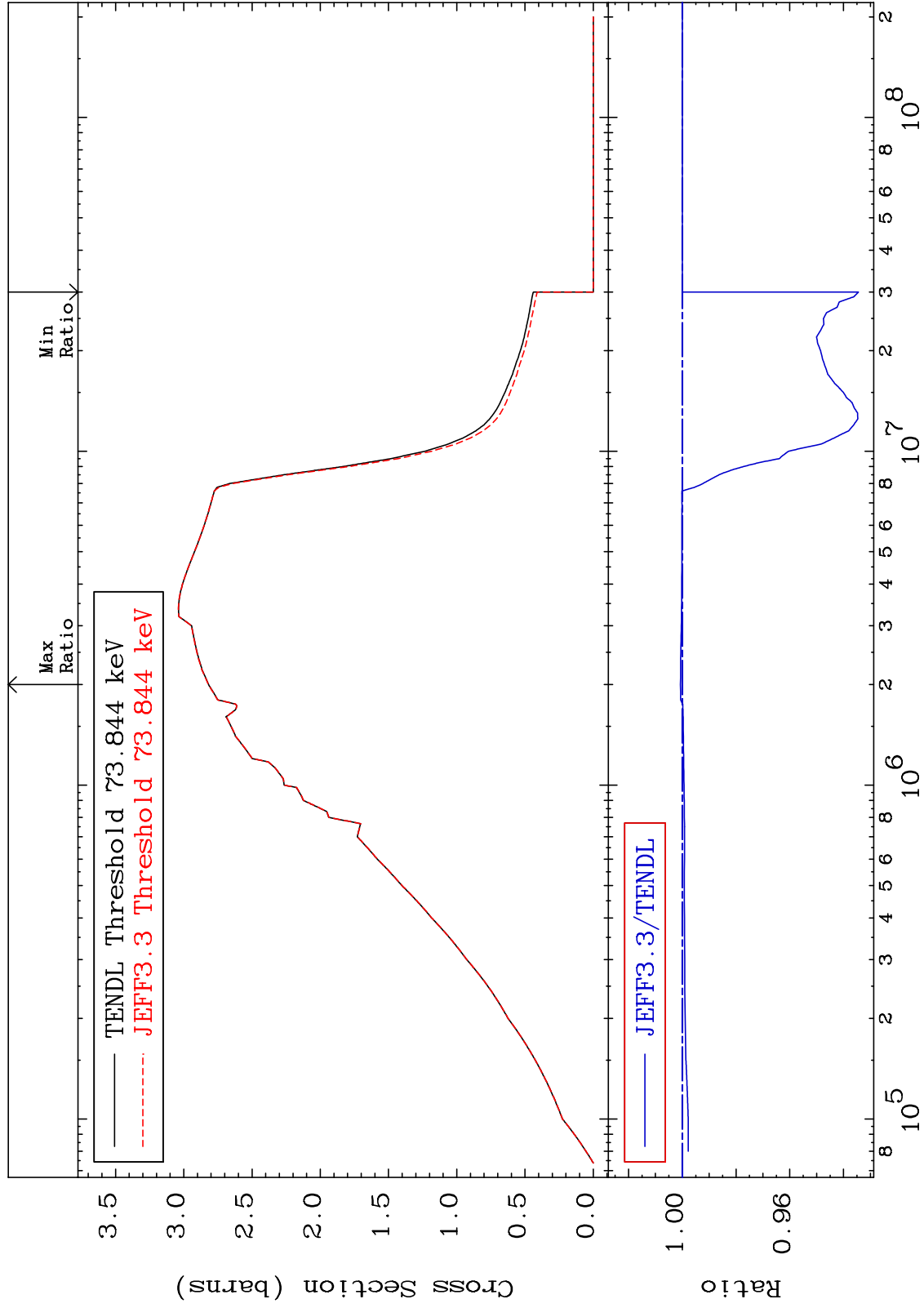
66-Dy-164

Incident Energy (eV)

MAT 6649

Inelastic
Cross Section

66-Dy-164
-6.558 To 0.069 %



3

Incident Energy (eV)

66-Dy-164

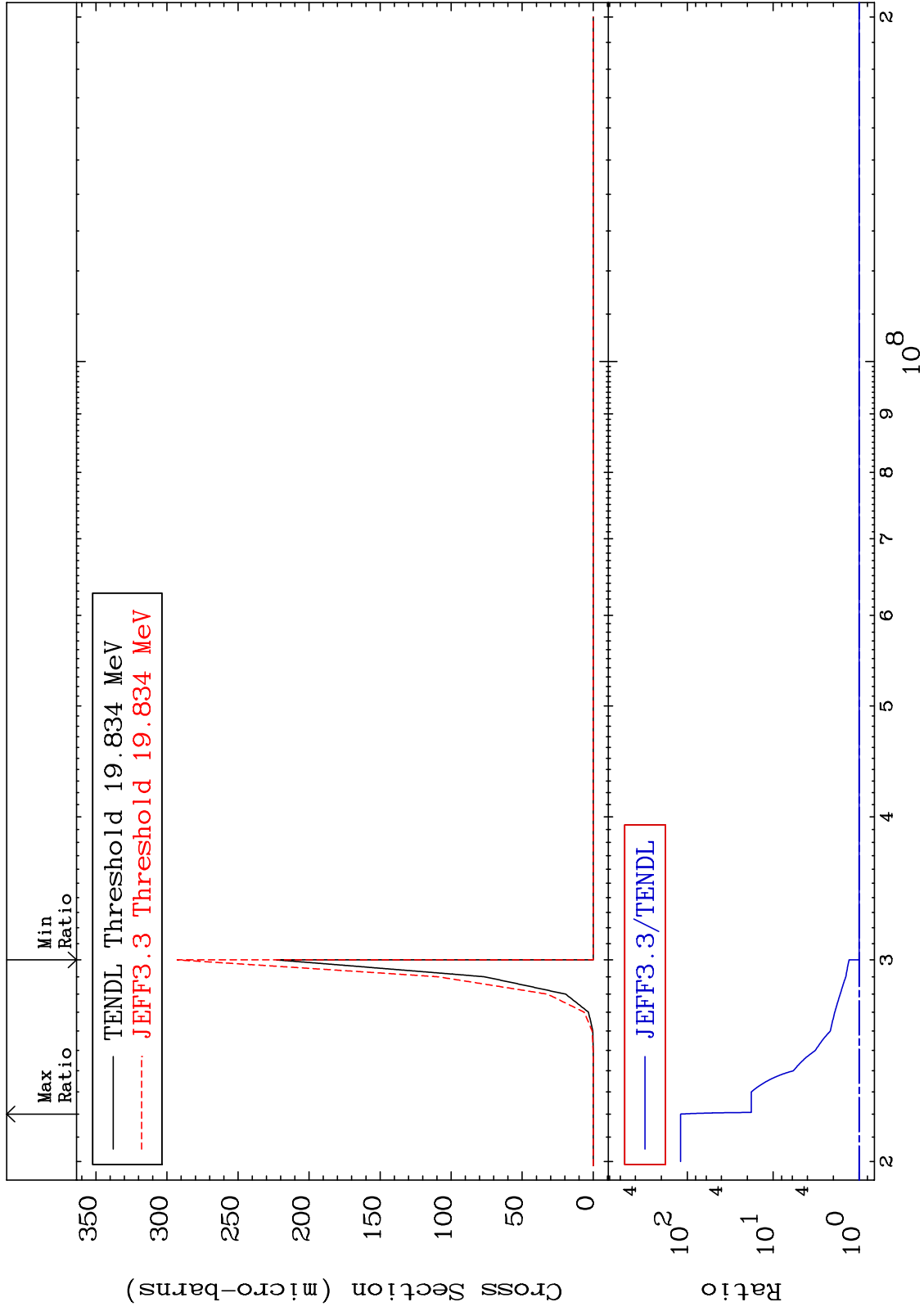
MAT 6649

(n,2n) d

66-Dy-164

Cross Section

0.000 To 9999. %



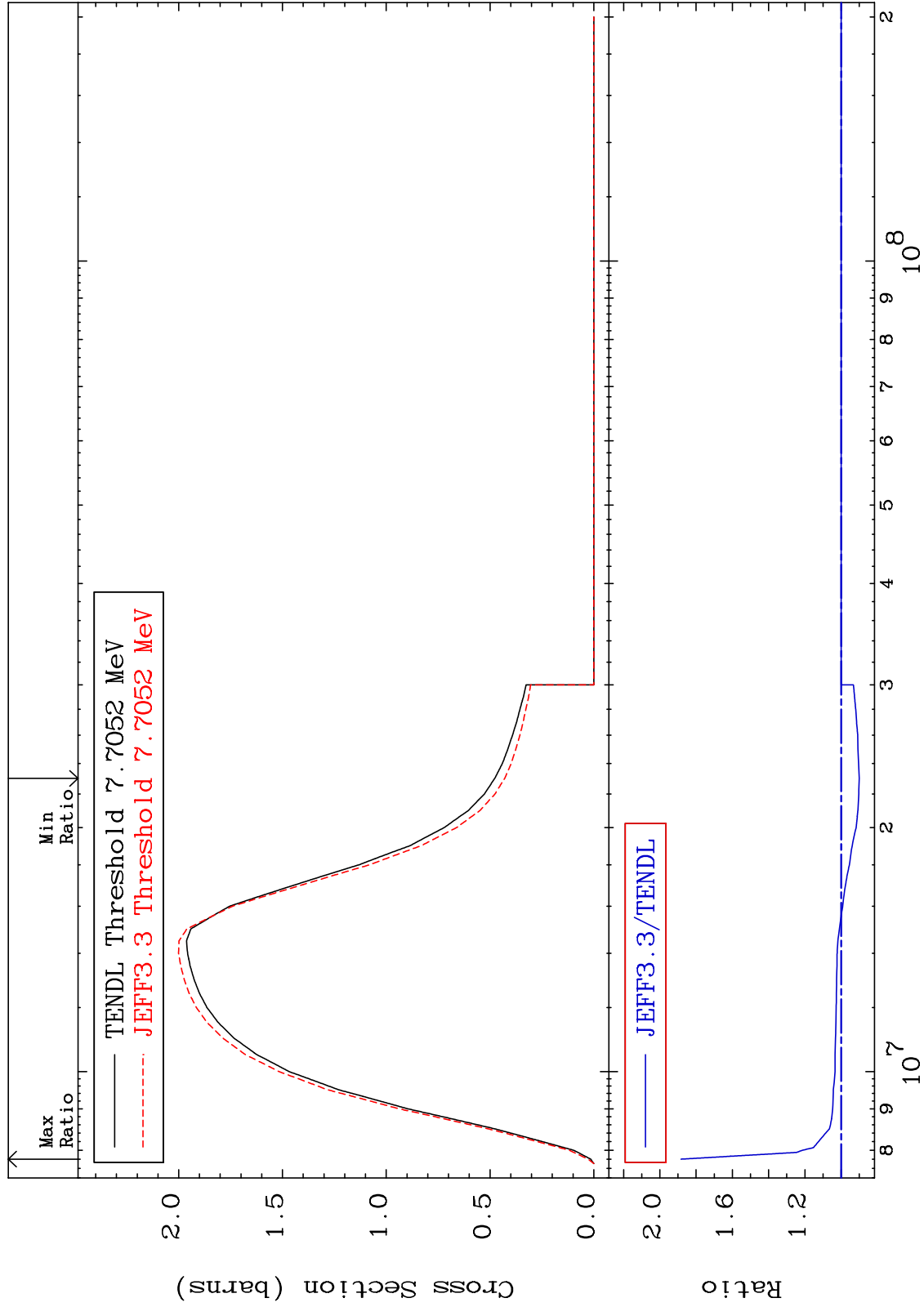
MAT 6649

(n,2n)

66-Dy-164

Cross Section

-9.993 To 88.31 %



5

Incident Energy (eV)

66-Dy-164

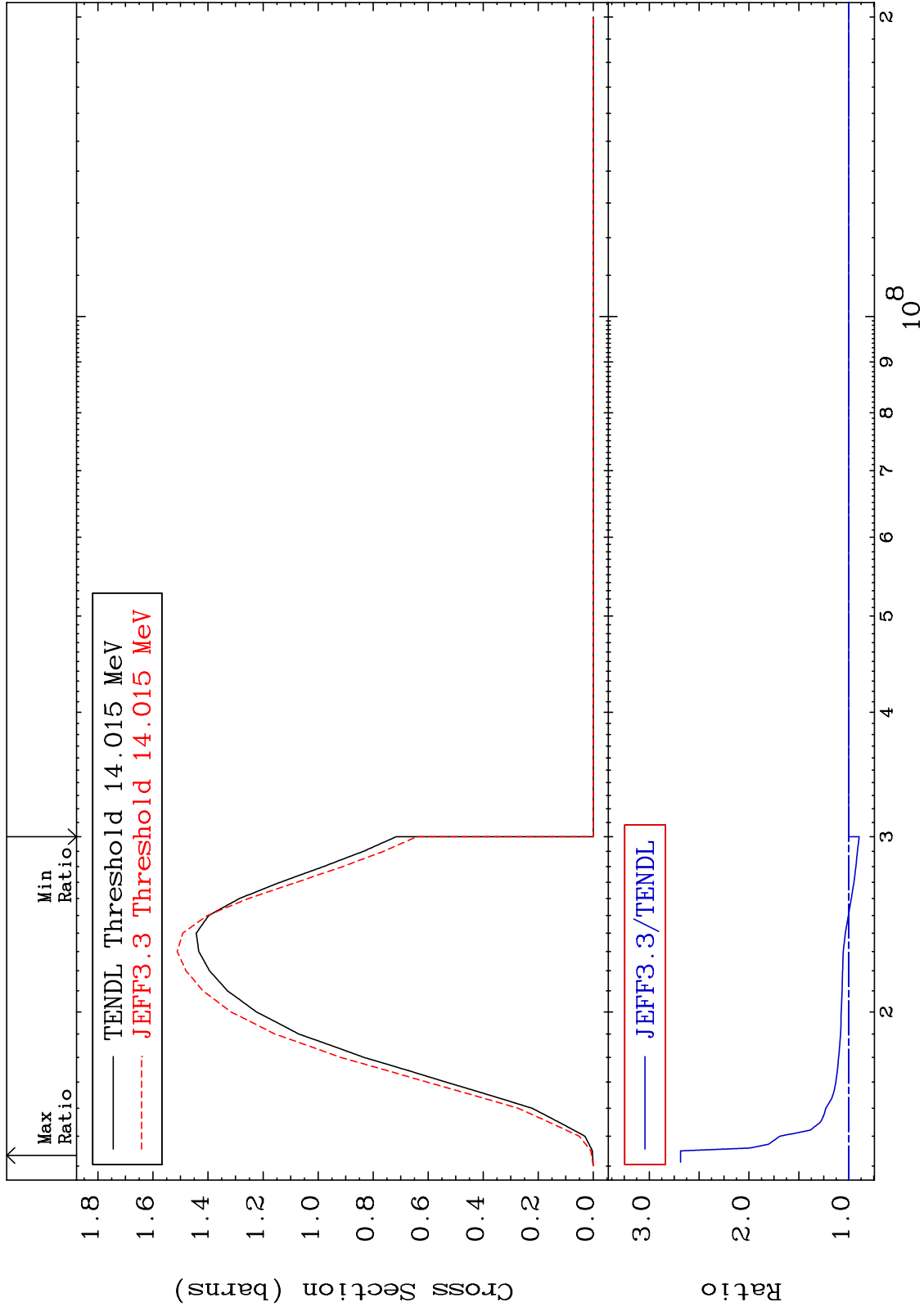
MAT 6649

(n, 3n)

66-Dy-164

Cross Section

-10.47 To 168.5 %



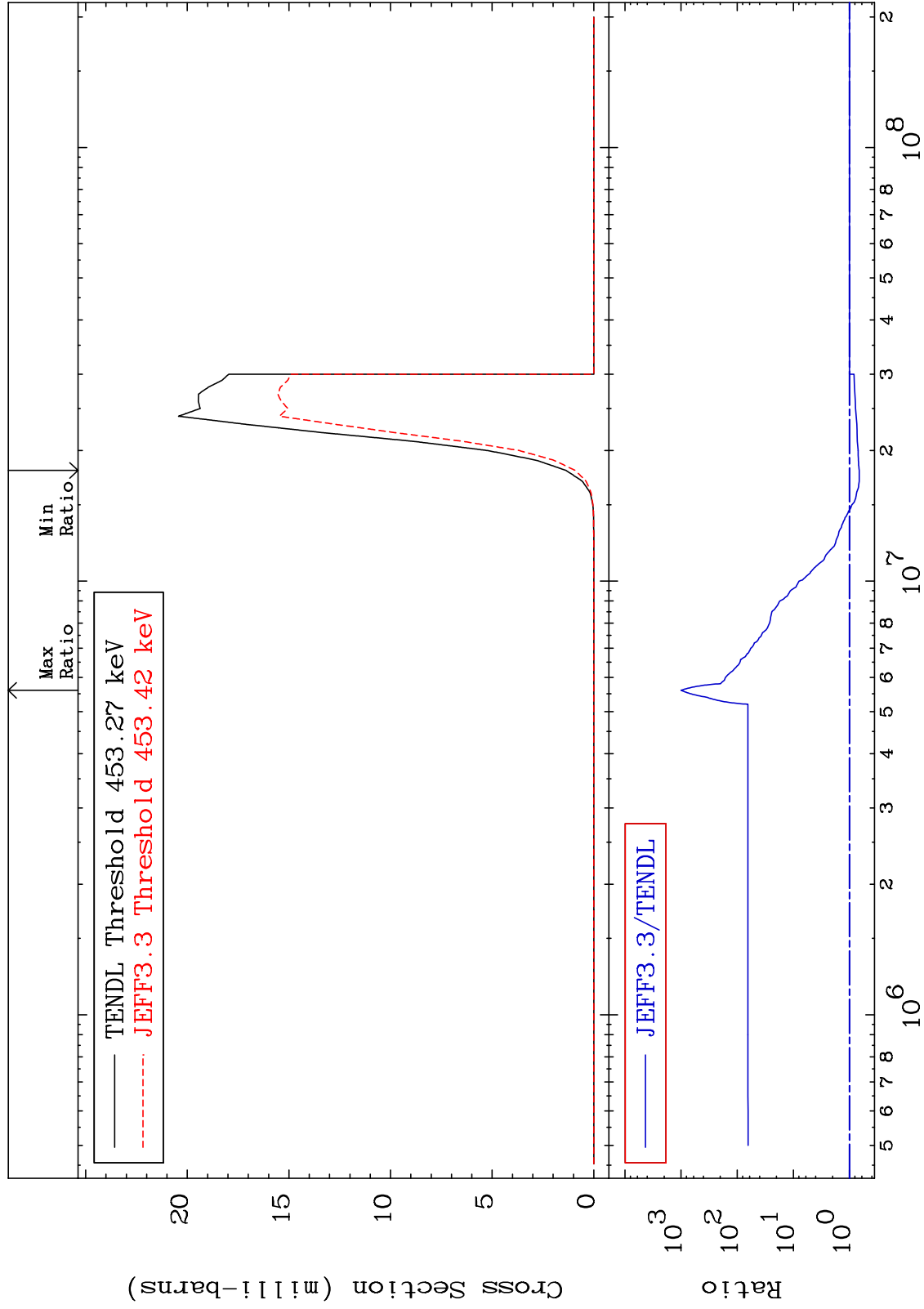
MAT 6649

(n, n') α

66-Dy-164

-33.12 To 9999. %

Cross Section



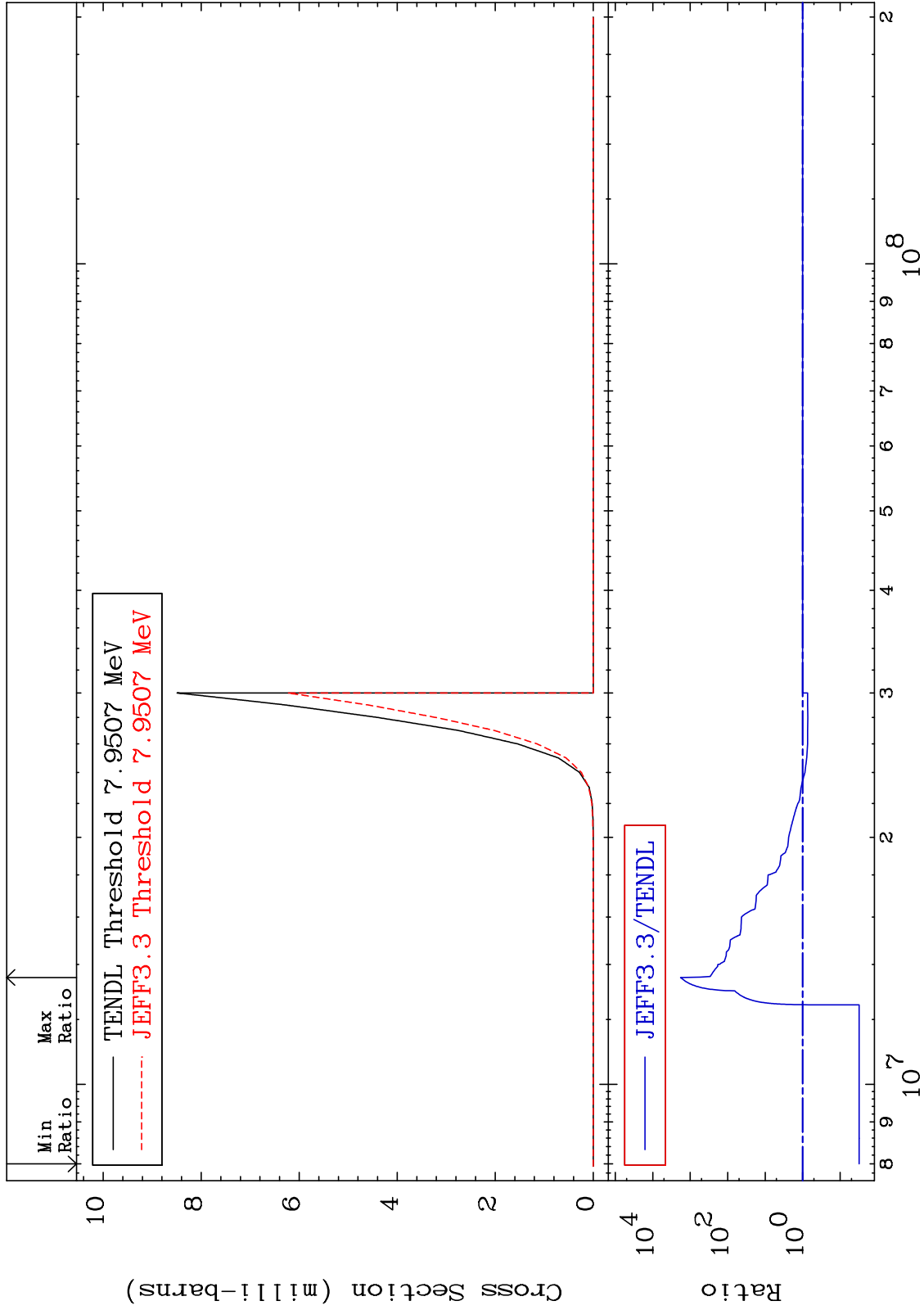
MAT 6649

(n,2n) α

66-Dy-164

Cross Section

-96.90 To 9999. %



8

Incident Energy (eV)

66-Dy-164

MAT 6649

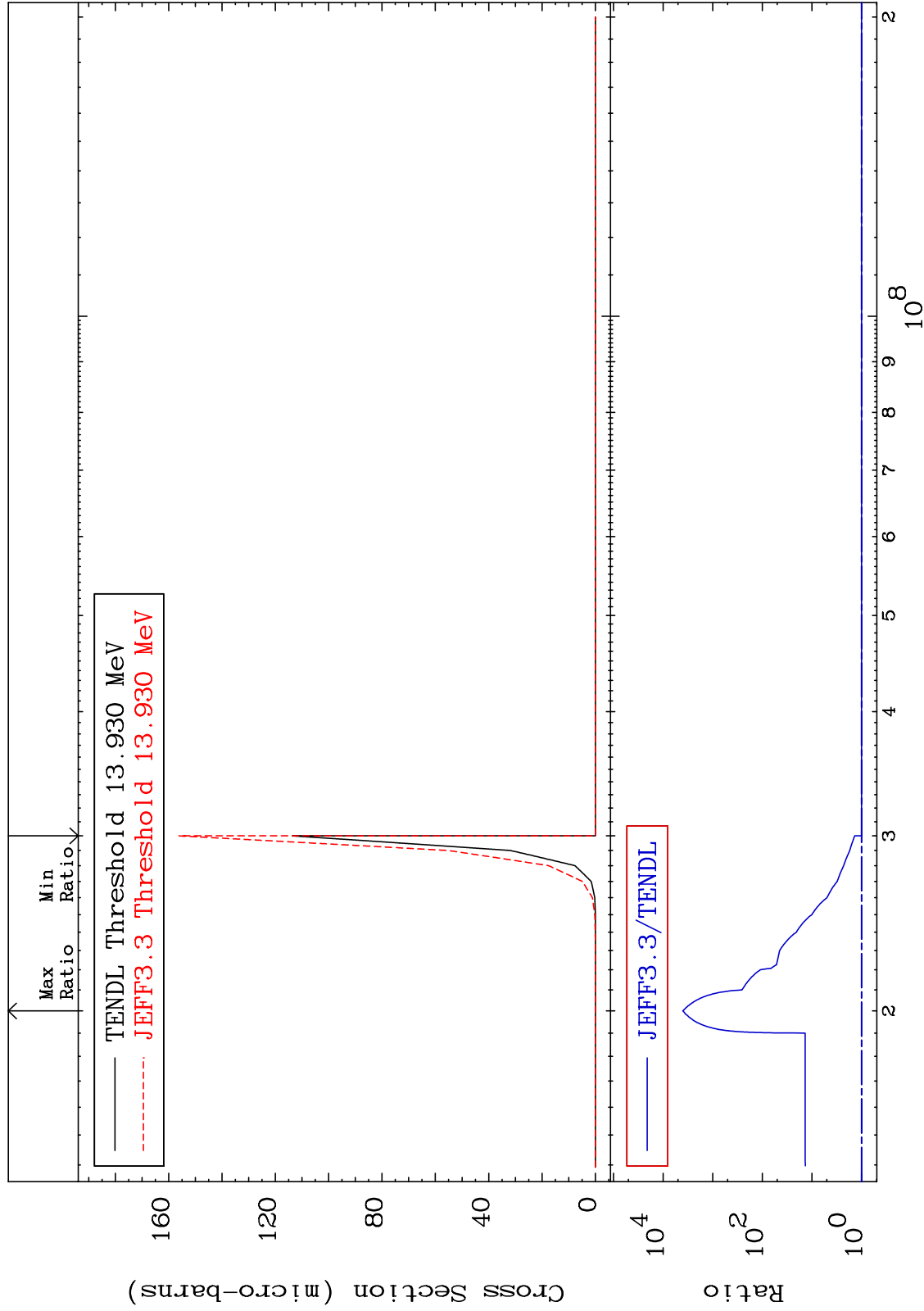
(n,3n) α

66-Dy-164

Cross Section

0.000

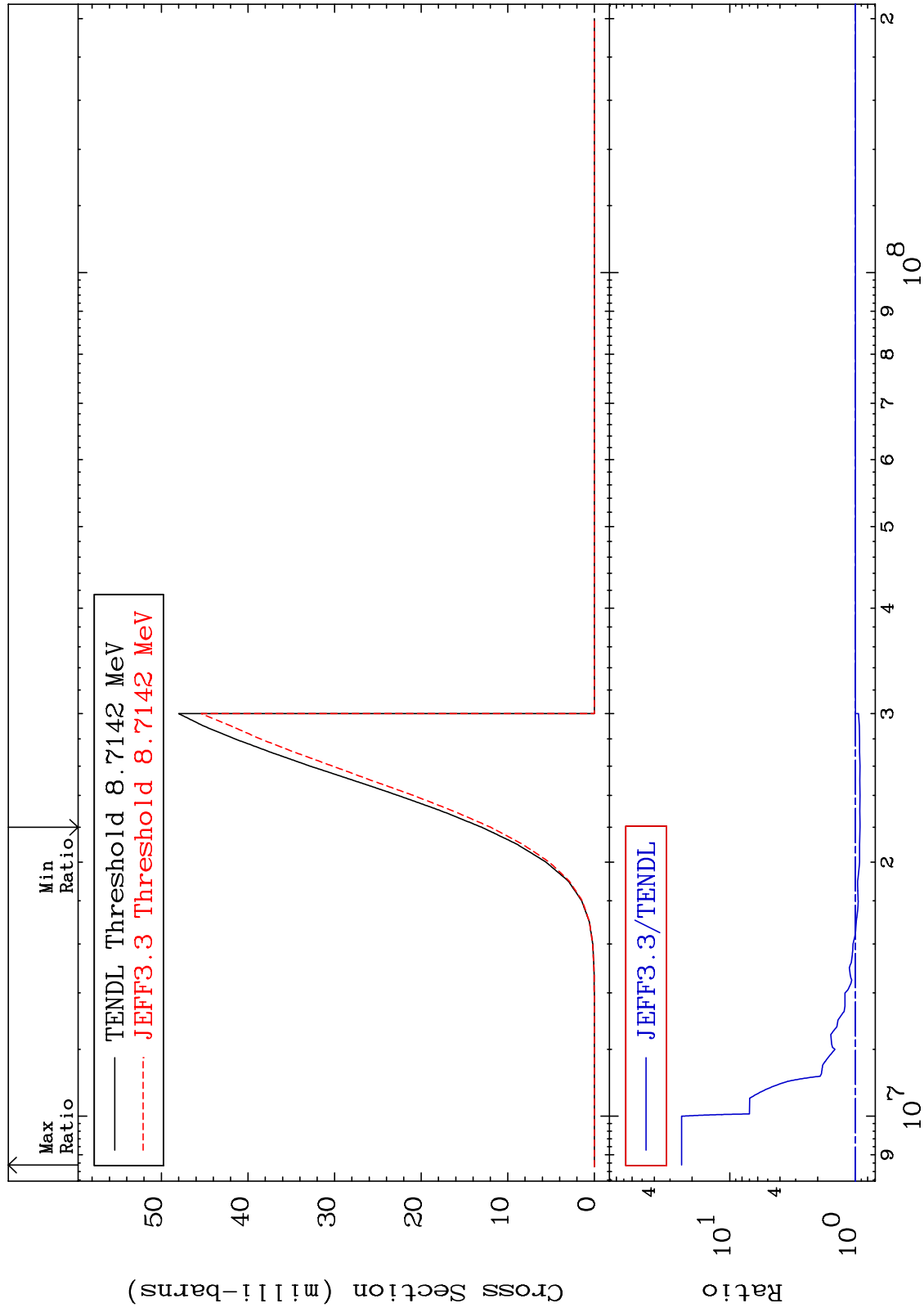
To 9999. %



MAT 6649

(n,n') p
Cross Section

66-Dy-164
-8.024 To 2322. %



66-Dy-164

Incident Energy (eV)

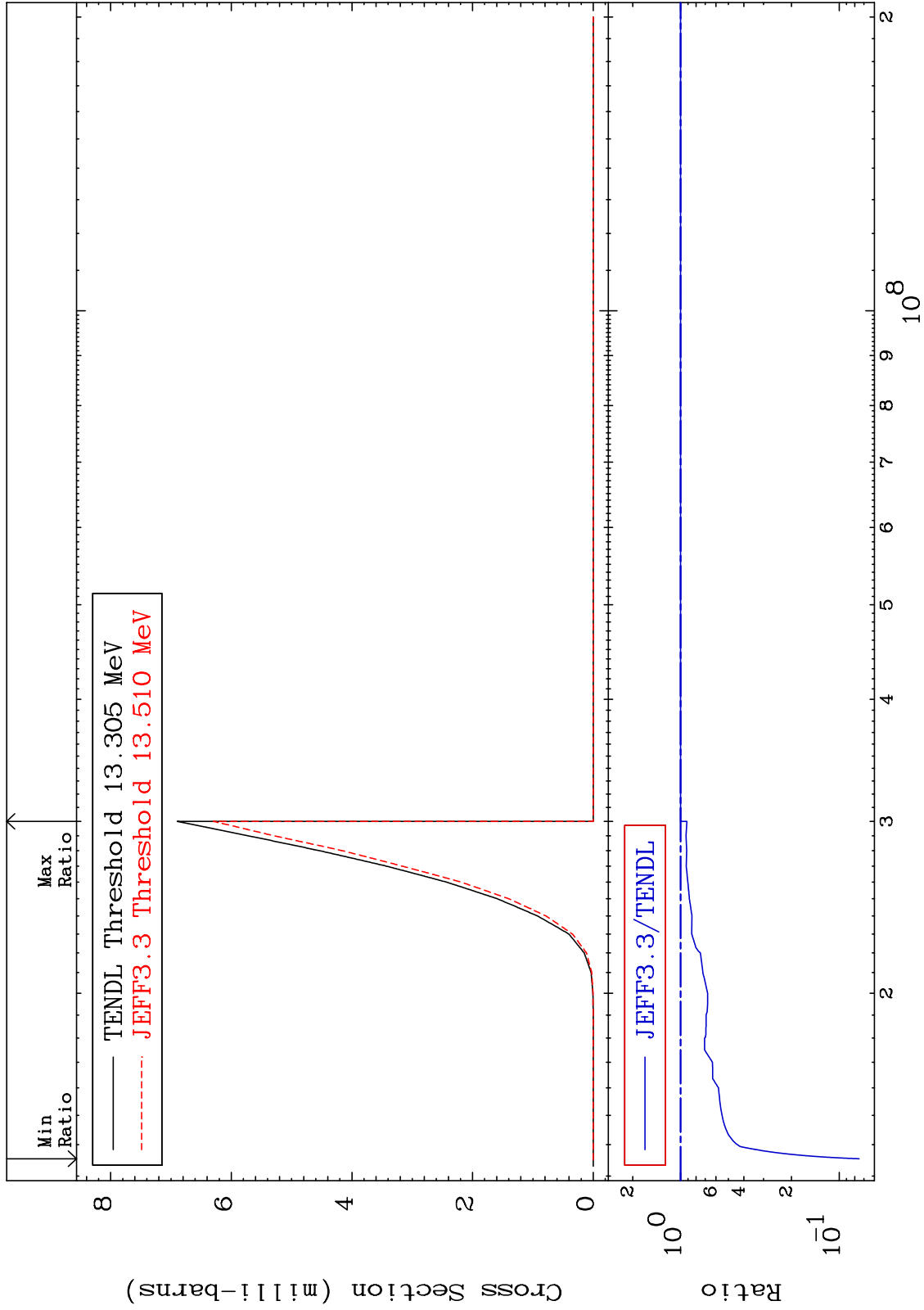
MAT 6649

(n, n') d

66-Dy-164

Cross Section

-92.50 To 0.000 %



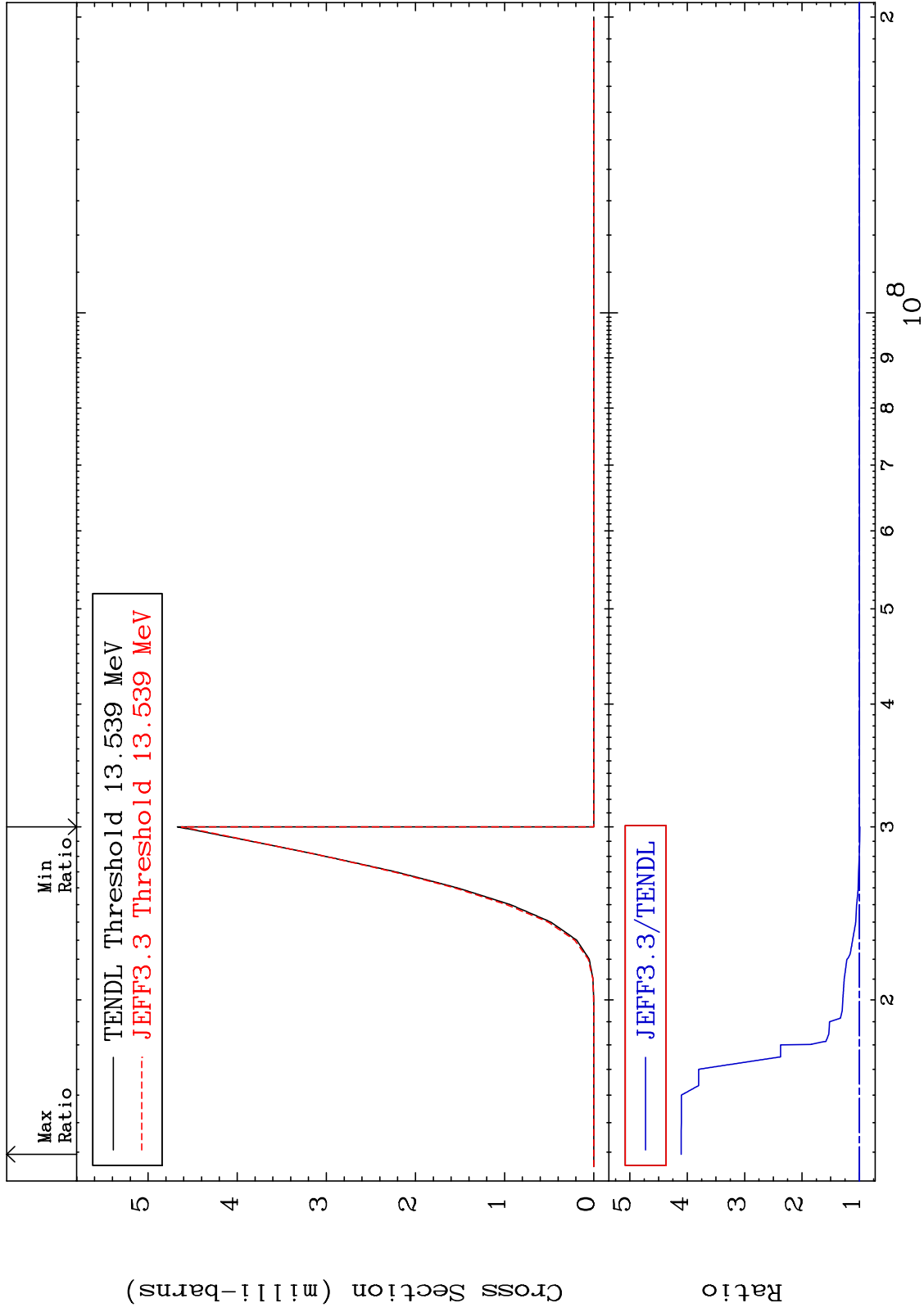
MAT 6649

(n, n') t

66-Dy-164

Cross Section

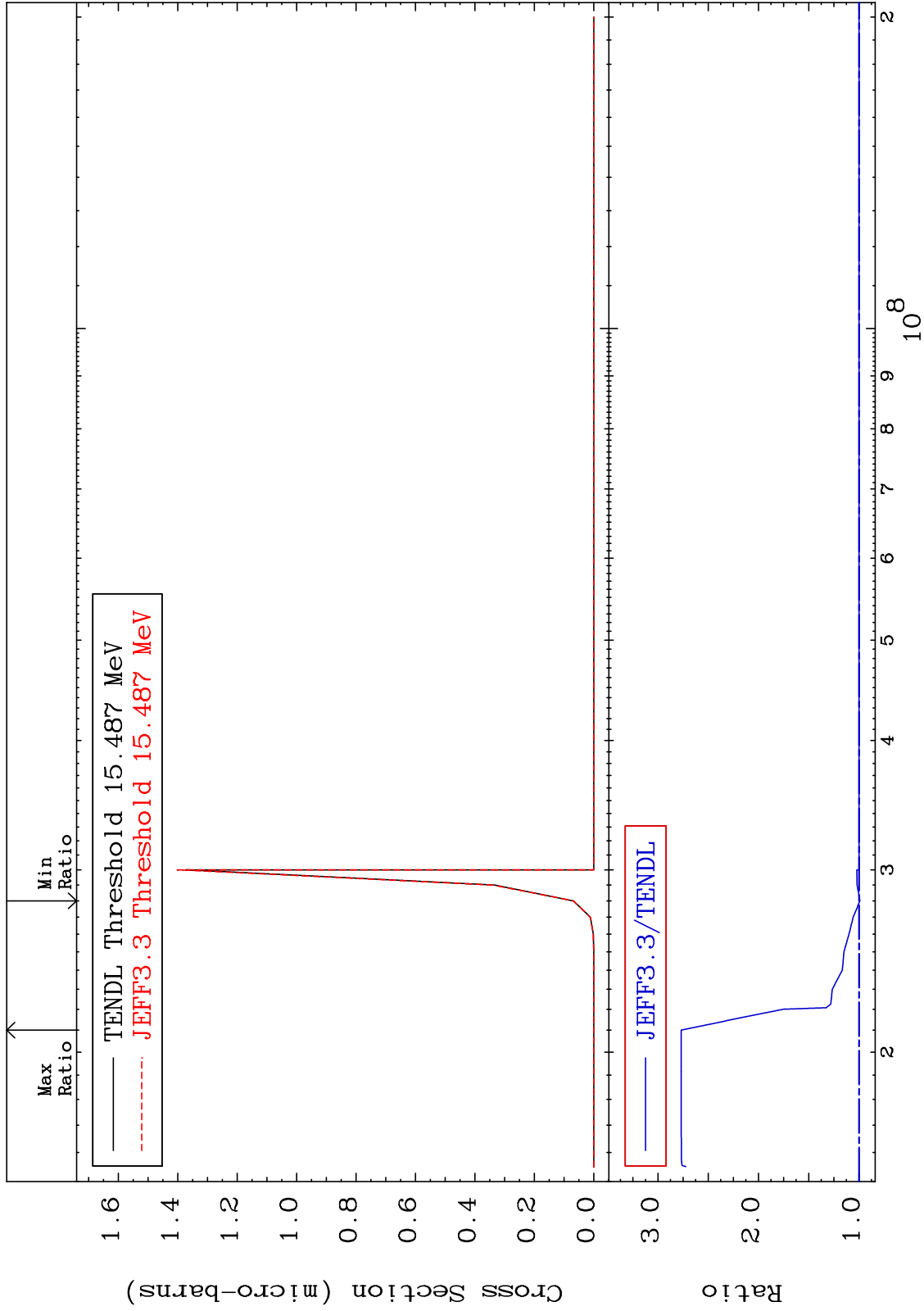
-0.993 To 310.6 %



MAT 6649

(n, n') He-3
Cross Section

66-Dy-164
-0.991 To 176.9 %



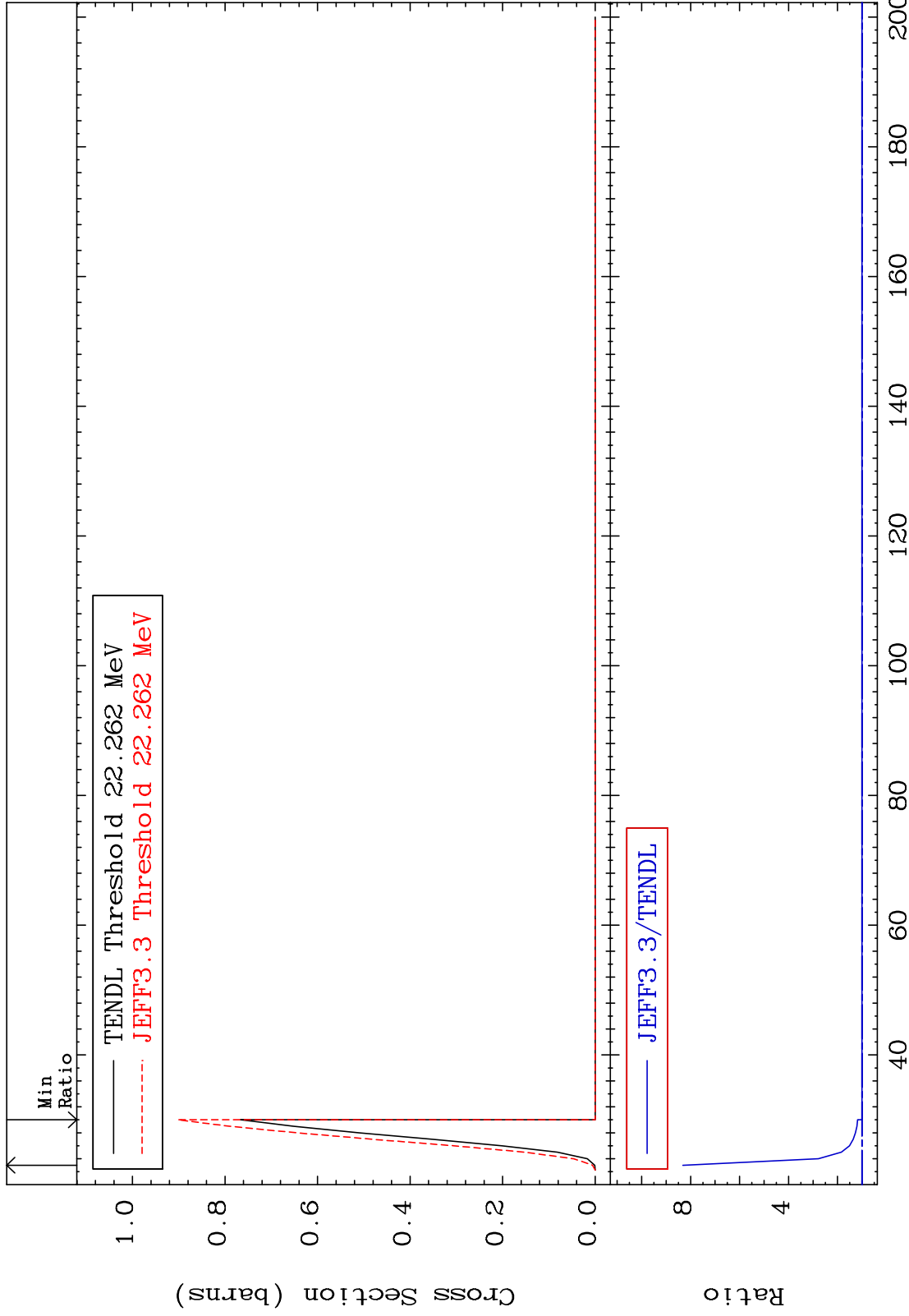
MAT 6649

(n, 4n)

66-Dy-164

Cross Section

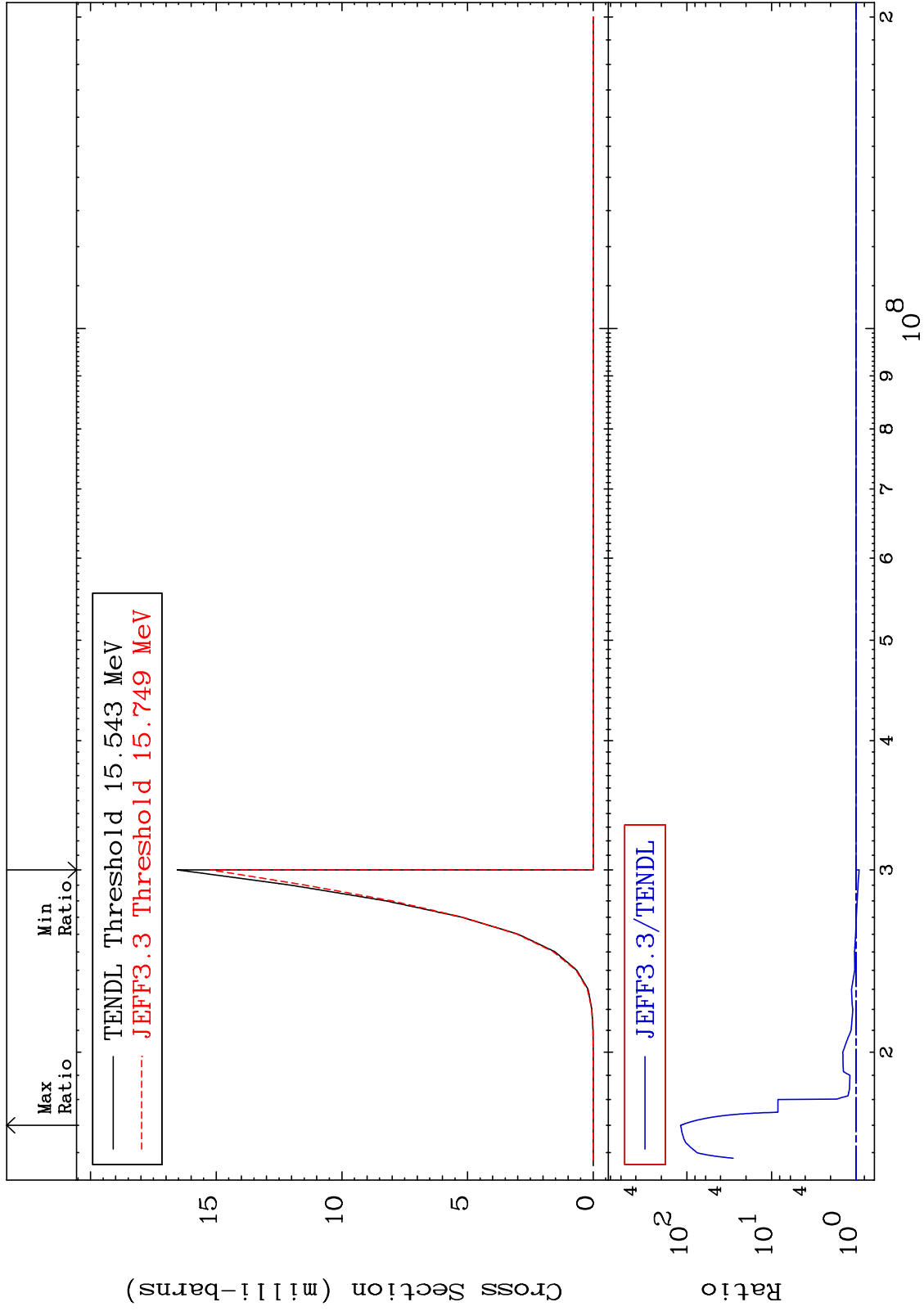
0.000 To 731.6 %



MAT 6649

(n,2n) p
Cross Section

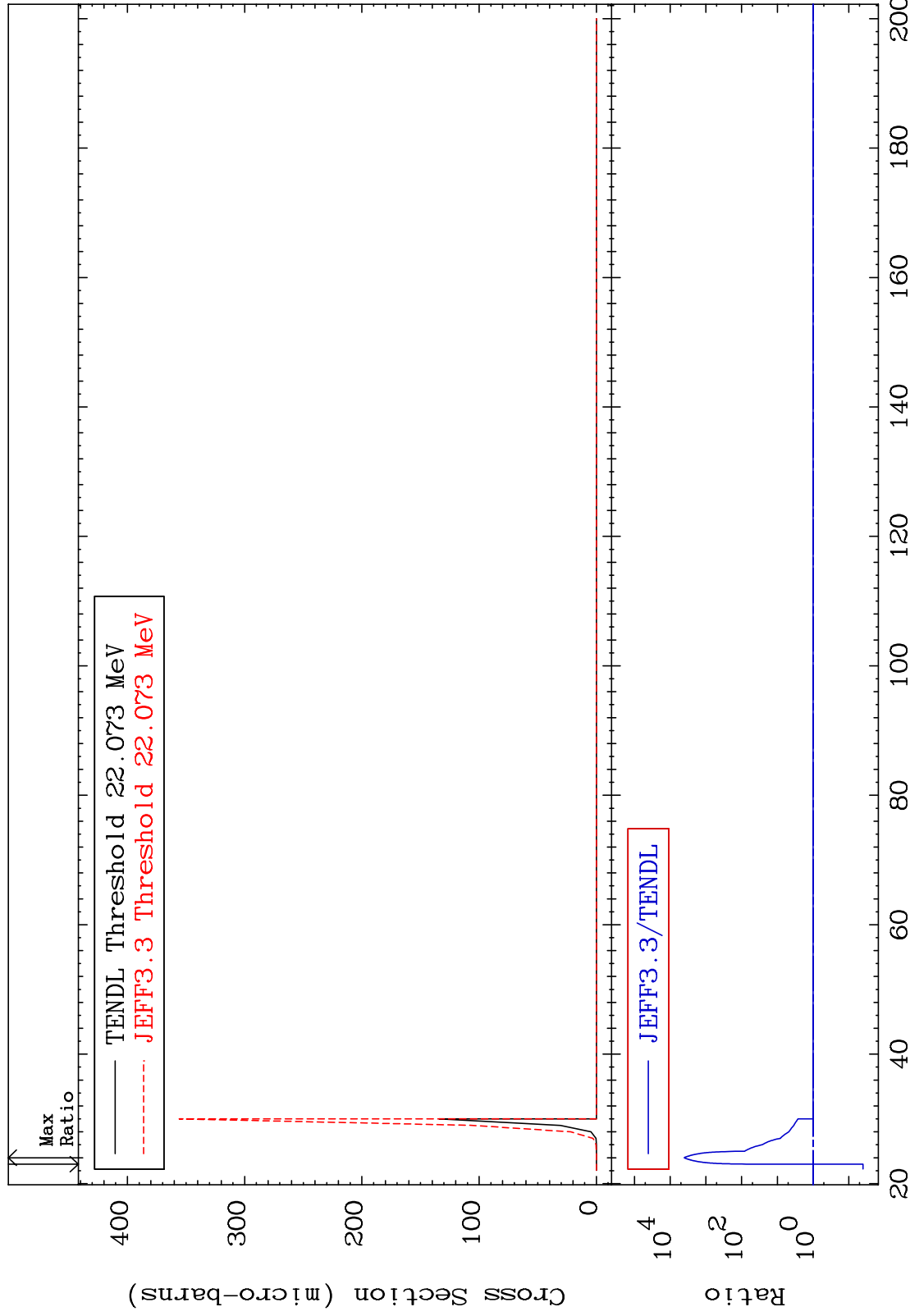
66-Dy-164
-7.994 To 9999. %



MAT 6649

(n,3n) p
Cross Section

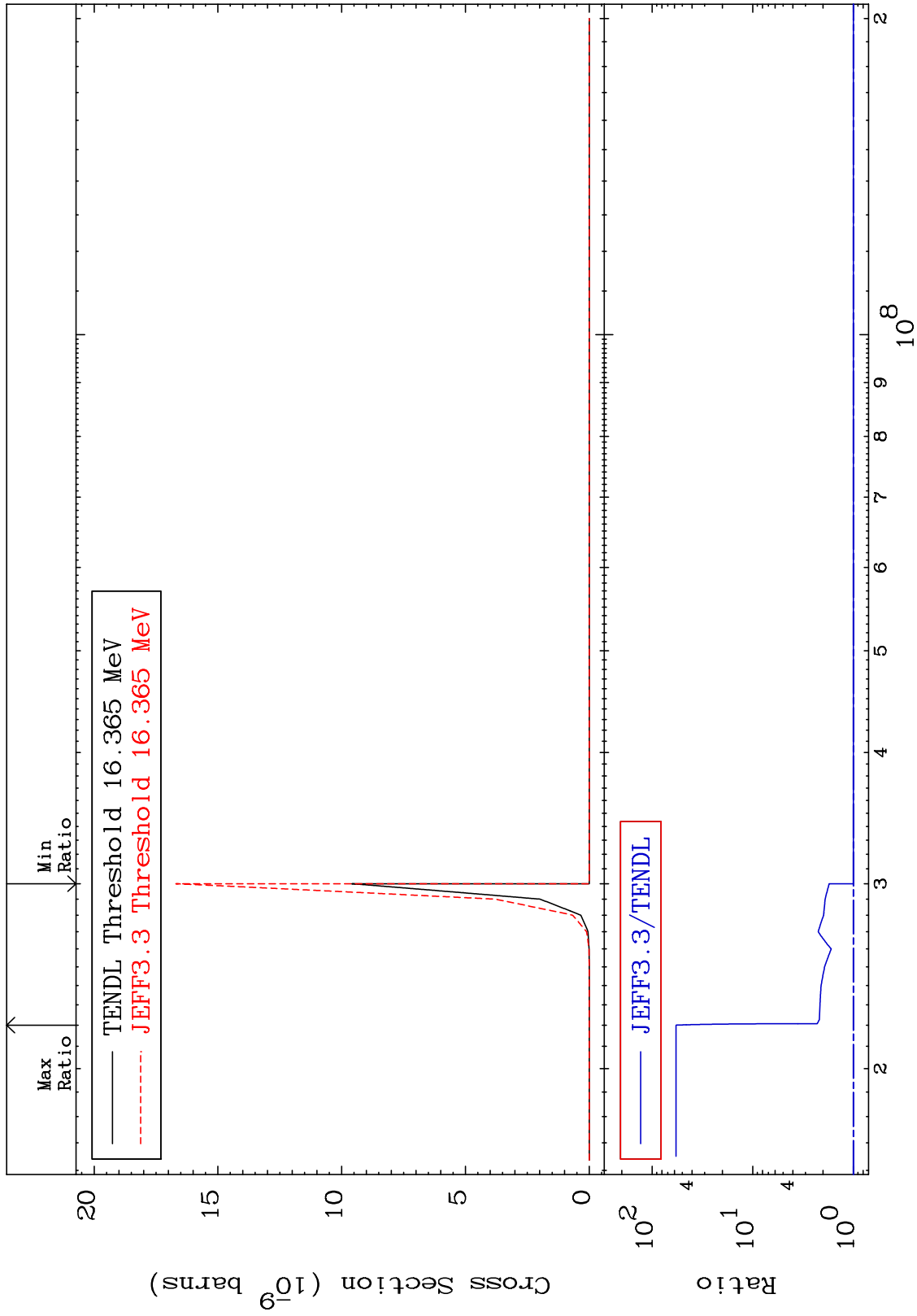
66-Dy-164
-96.03 To 9999. %



MAT 6649

(n,2n) p
Cross Section

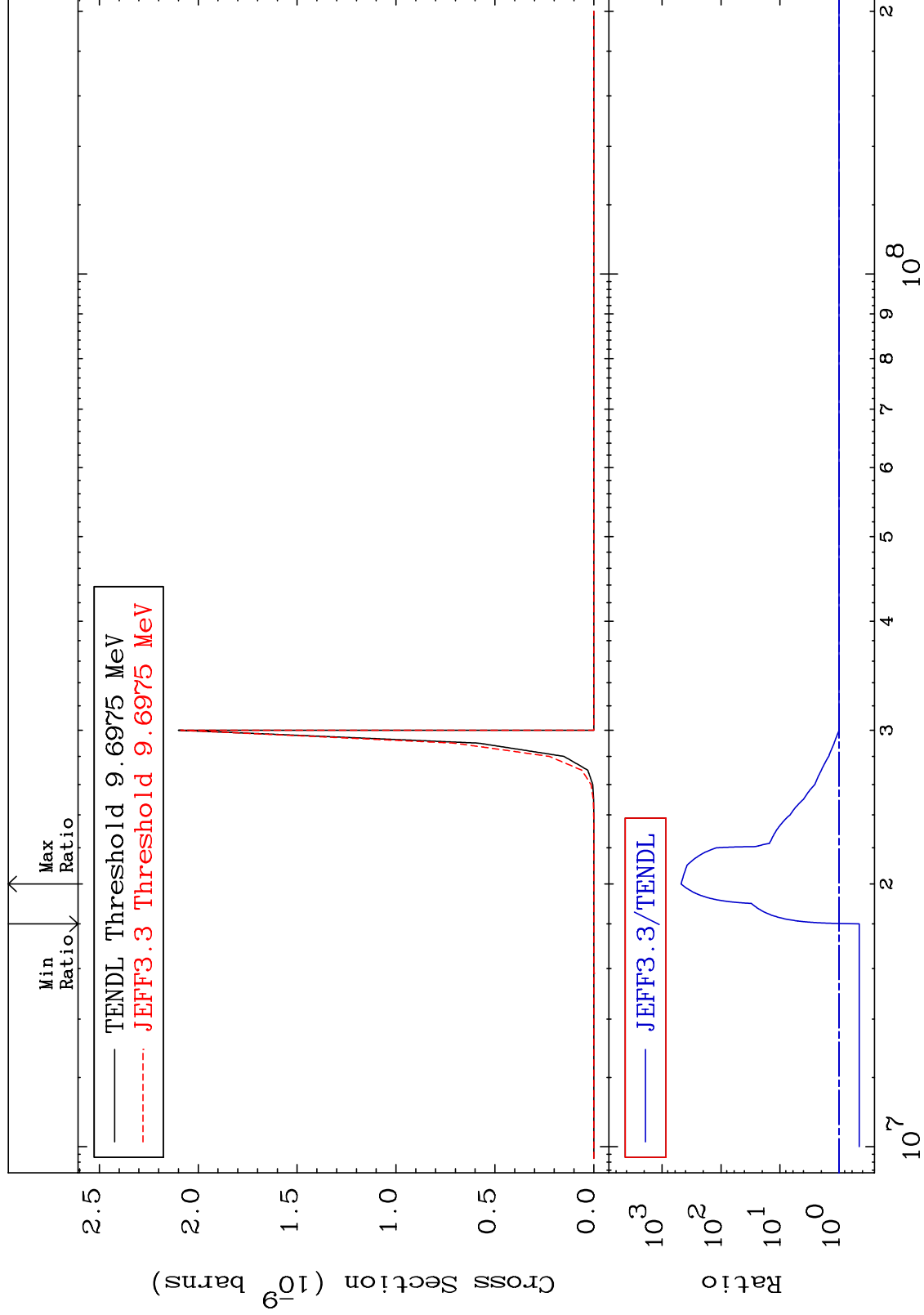
66-Dy-164
0.000 To 5677. %



MAT 6649

(n,n') p α
Cross Section

66-Dy-164
-54.71 To 9999. %



18

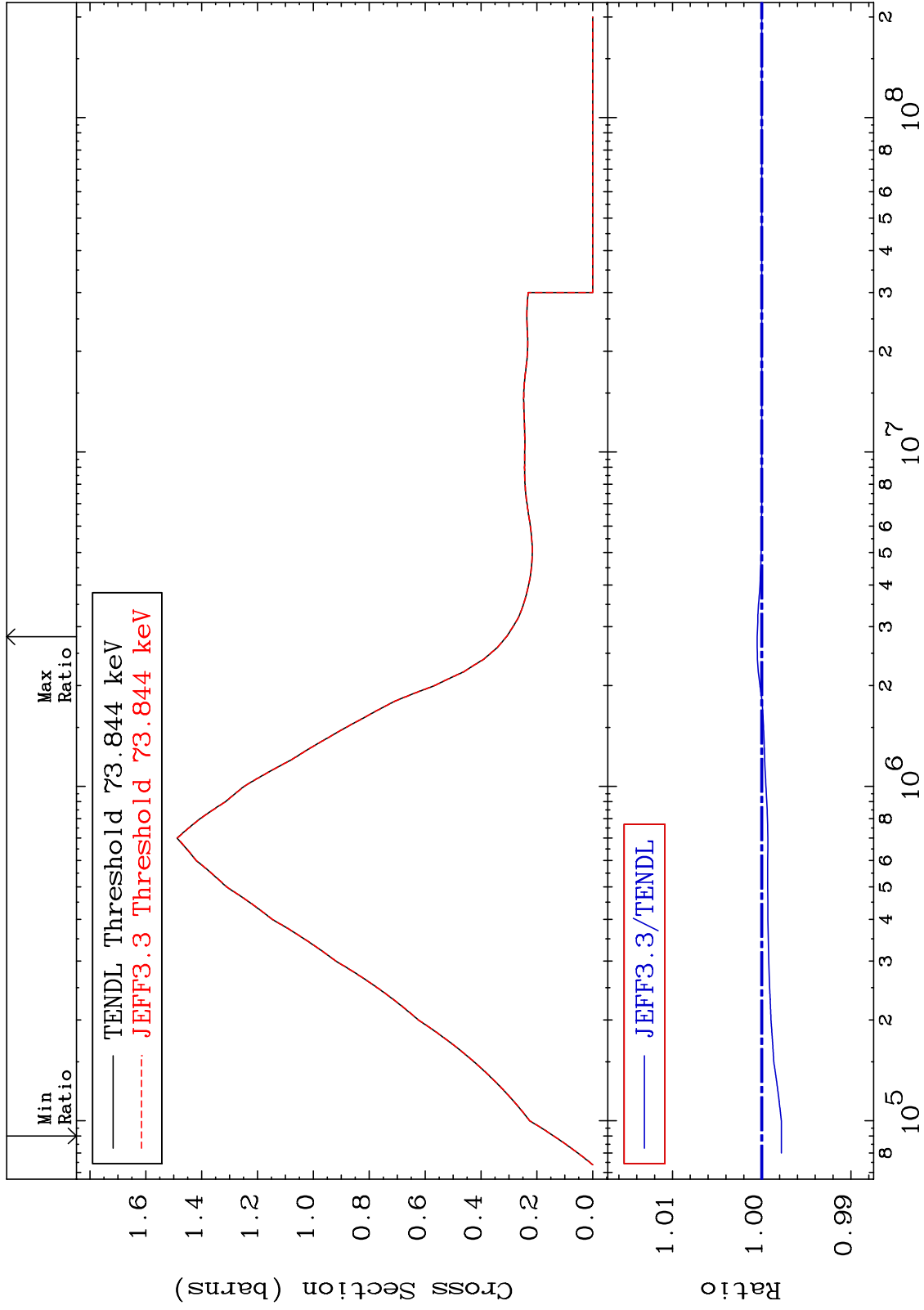
Incident Energy (eV)

66-Dy-164

MAT 6649

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

66-Dy-164
-0.219 To 0.051 %

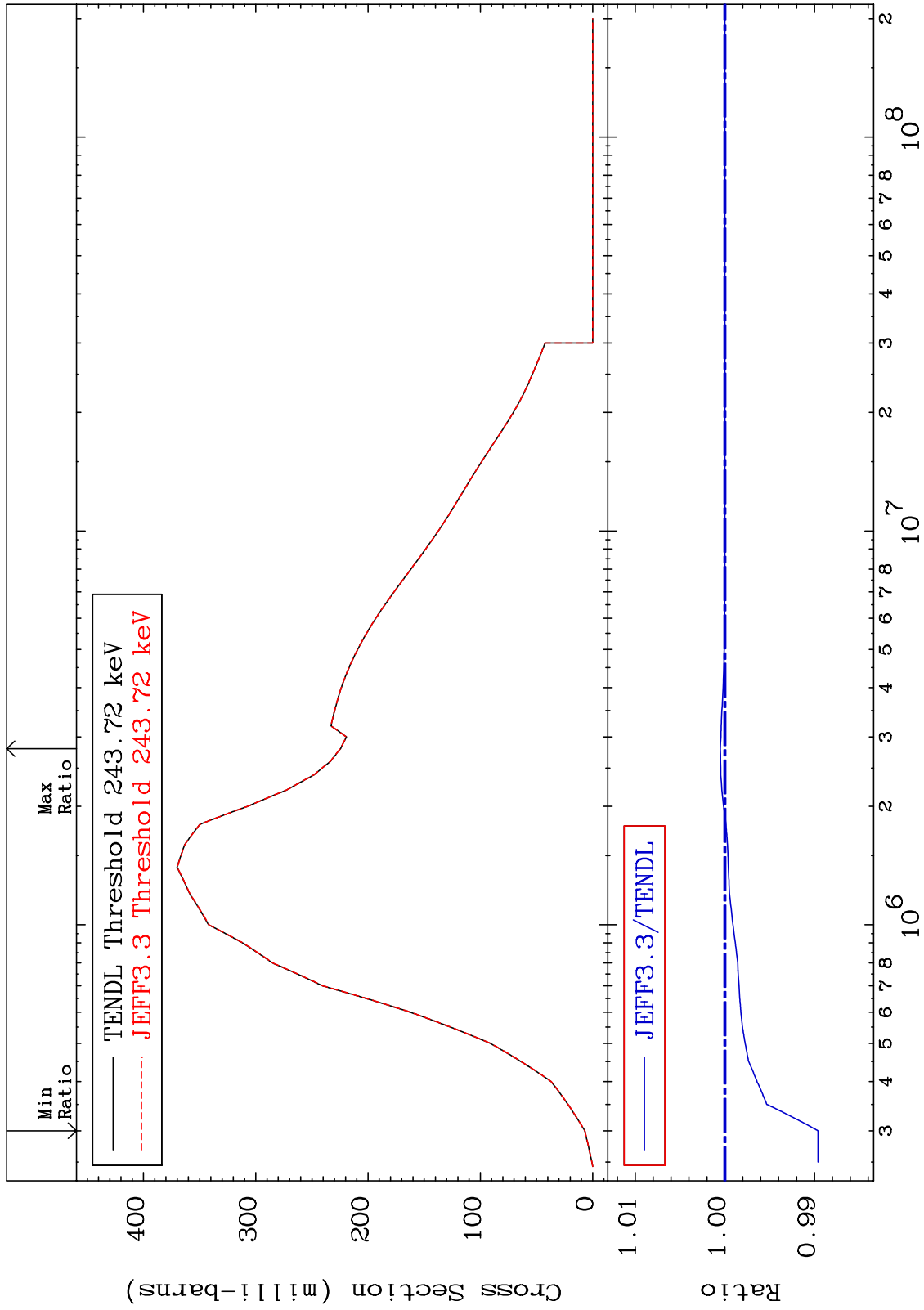


19

Incident Energy (eV)

66-Dy-164

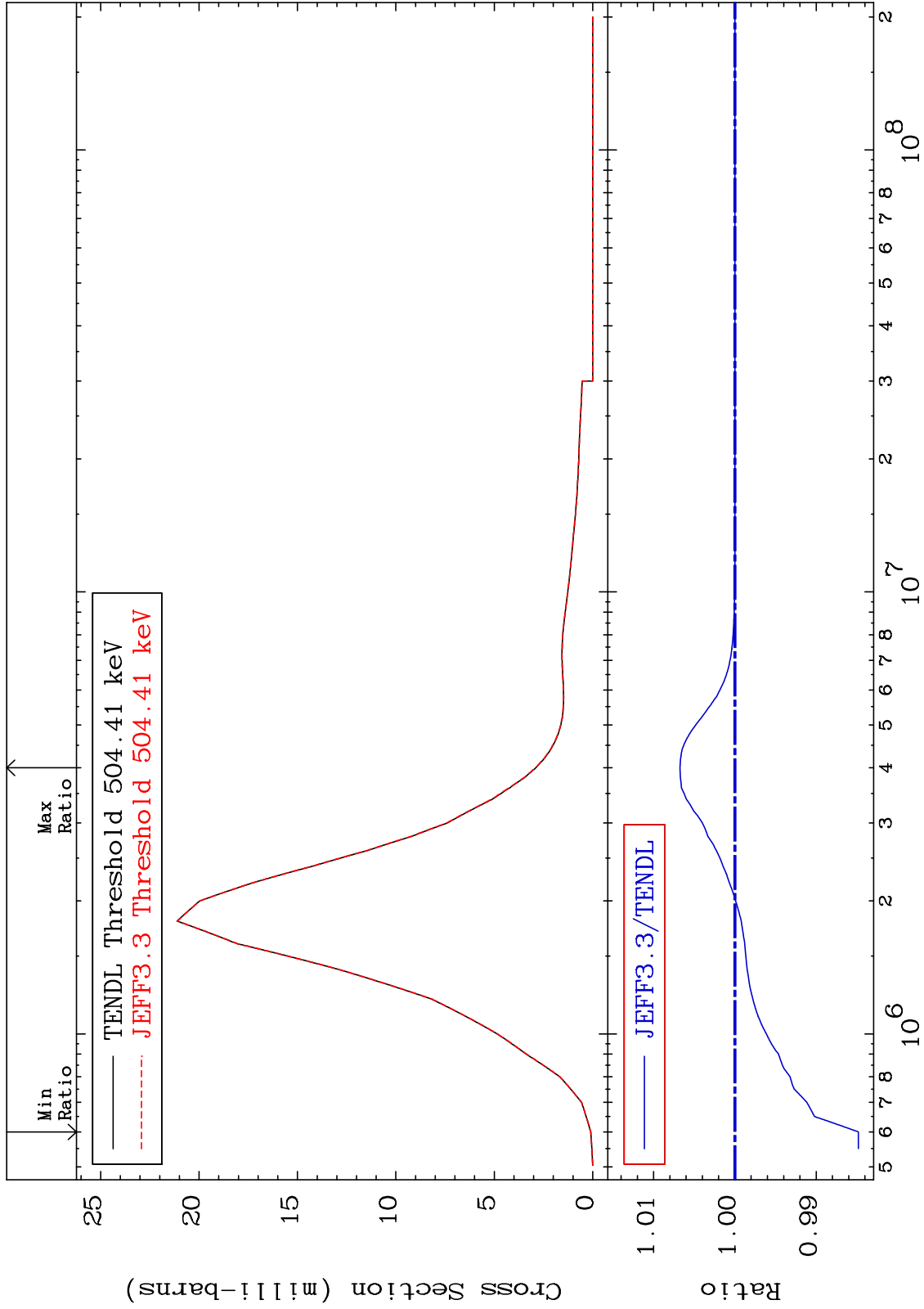
MAT 6649 MT= 52 (n,n') Level 66-Dy-164
 Cross Section -1.040 To 0.050 %



MAT 6649

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

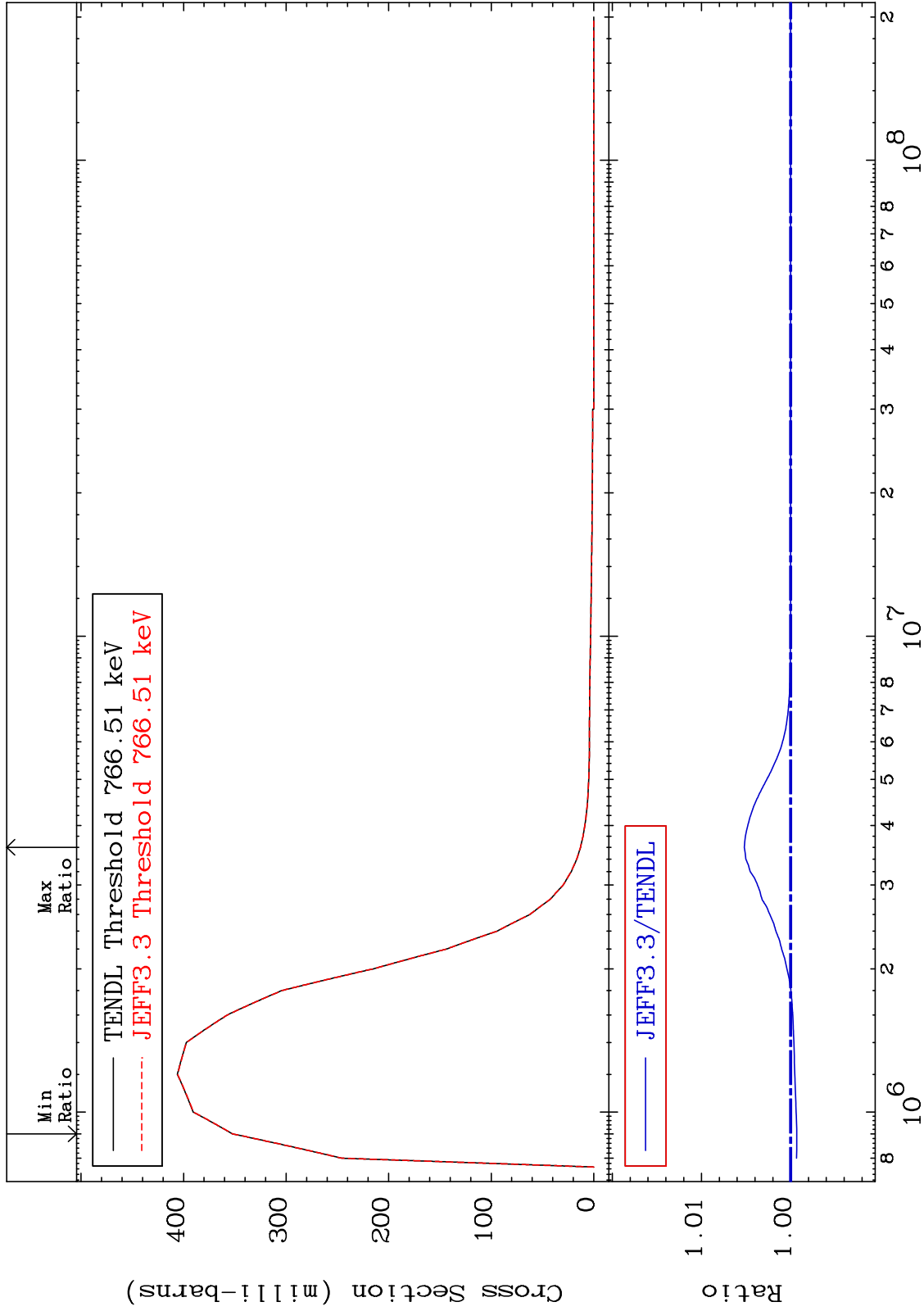
66-Dy-164
-1.520 To 0.675 %



MAT 6649

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

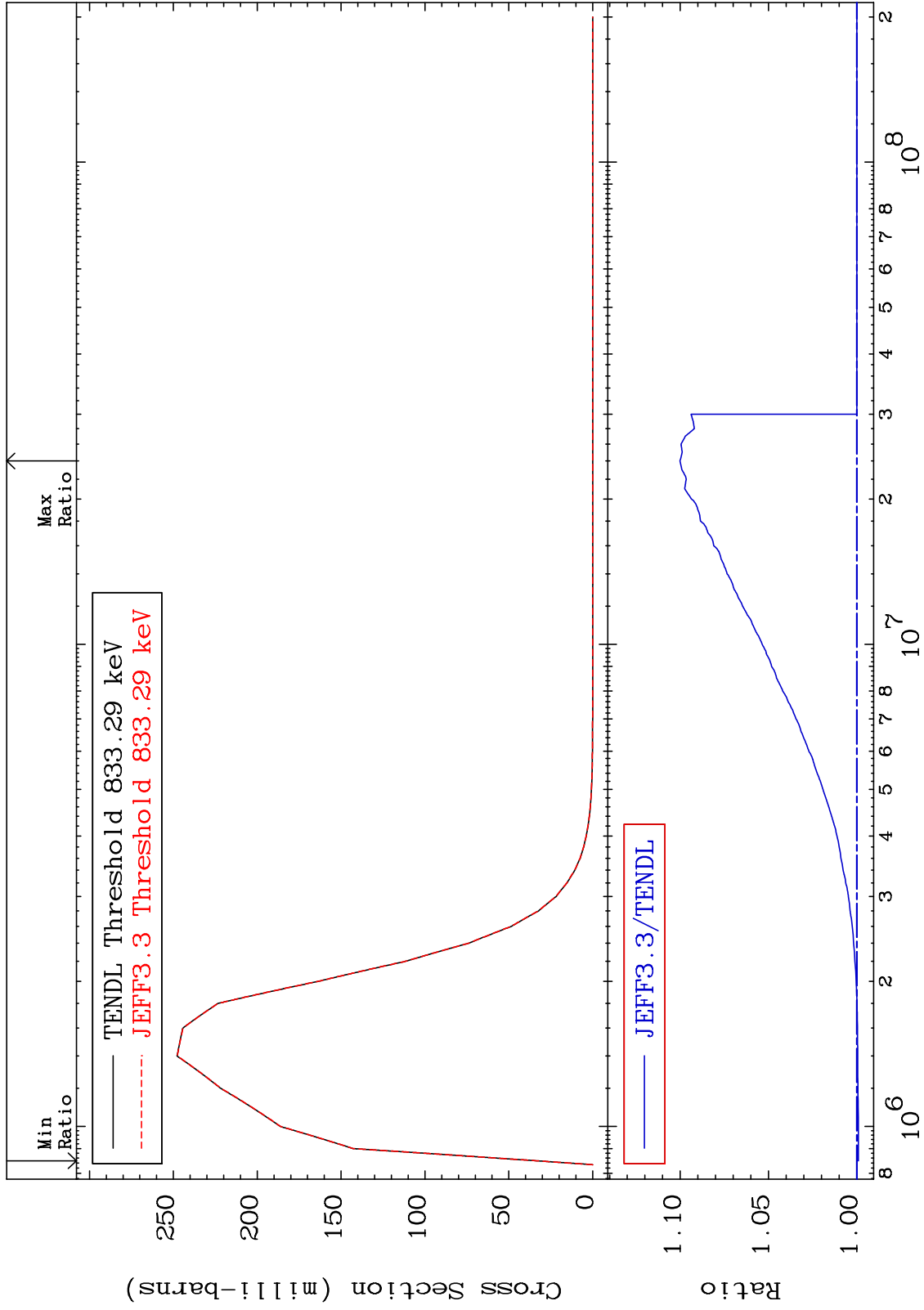
66-Dy-164
-0.069 To 0.520 %



MAT 6649

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

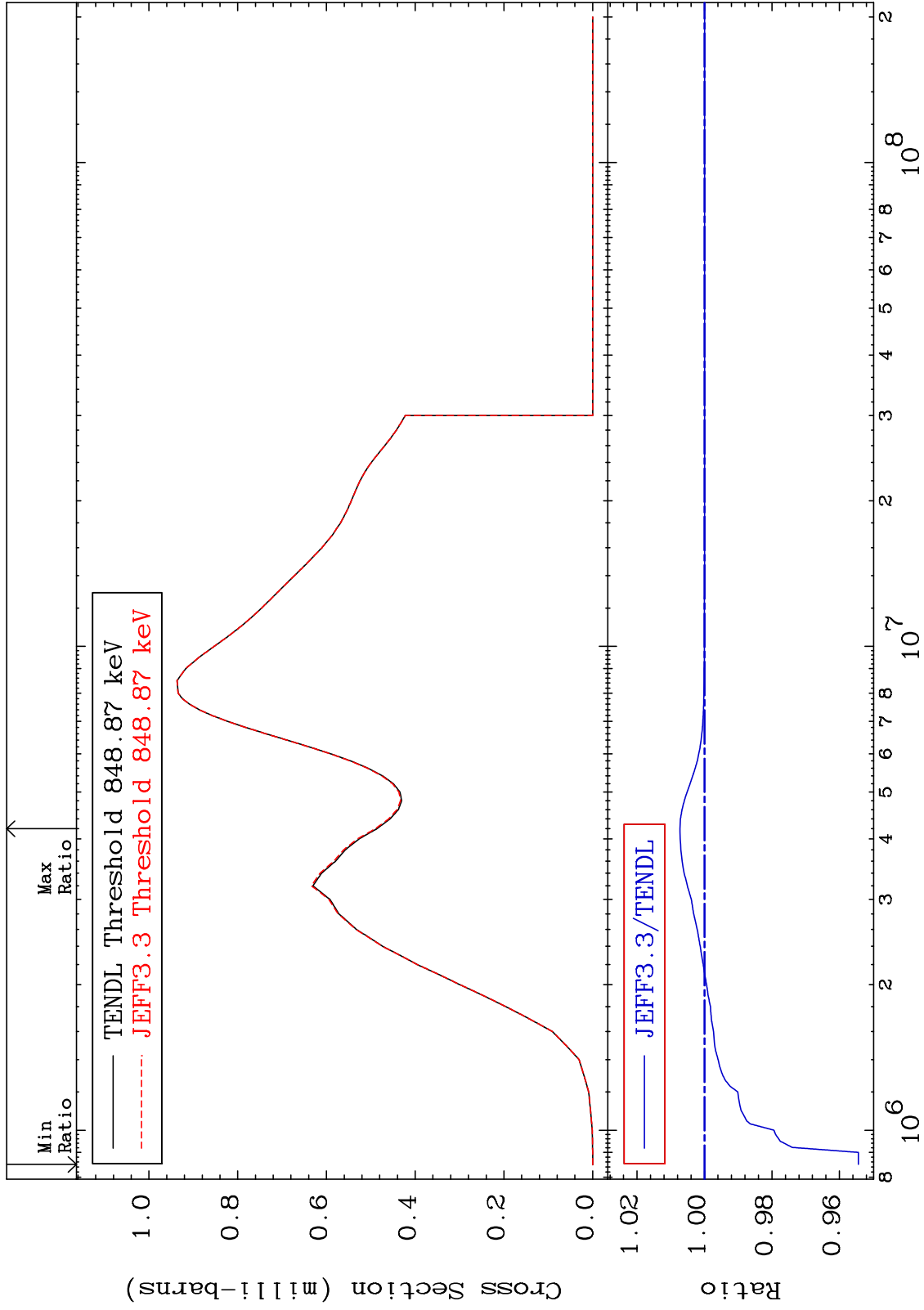
66-Dy-164
-0.090 To 10.01 %



MAT 6649

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

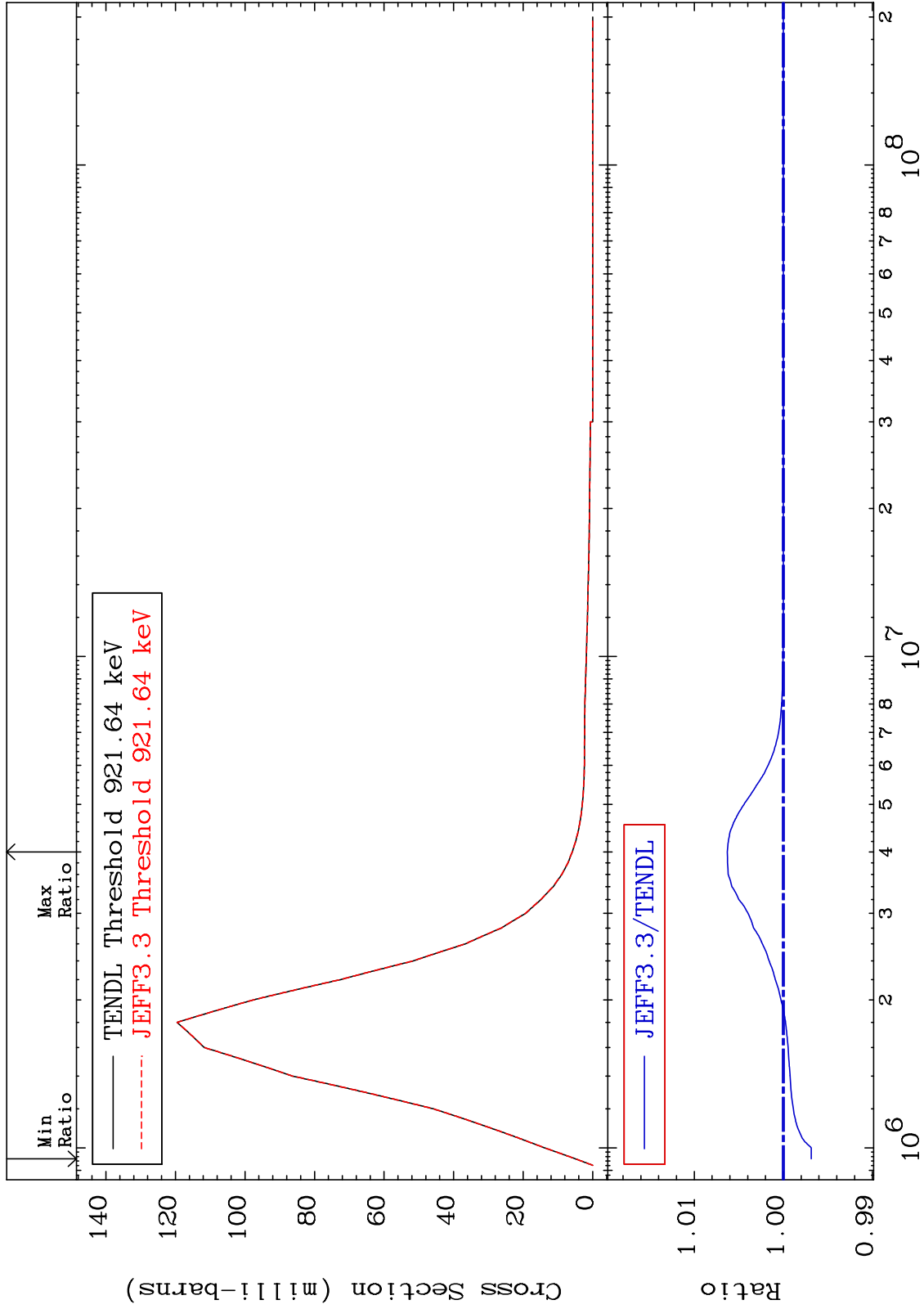
66-Dy-164
-4.563 To 0.726 %



MAT 6649

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

66-Dy-164
-0.314 To 0.630 %



25

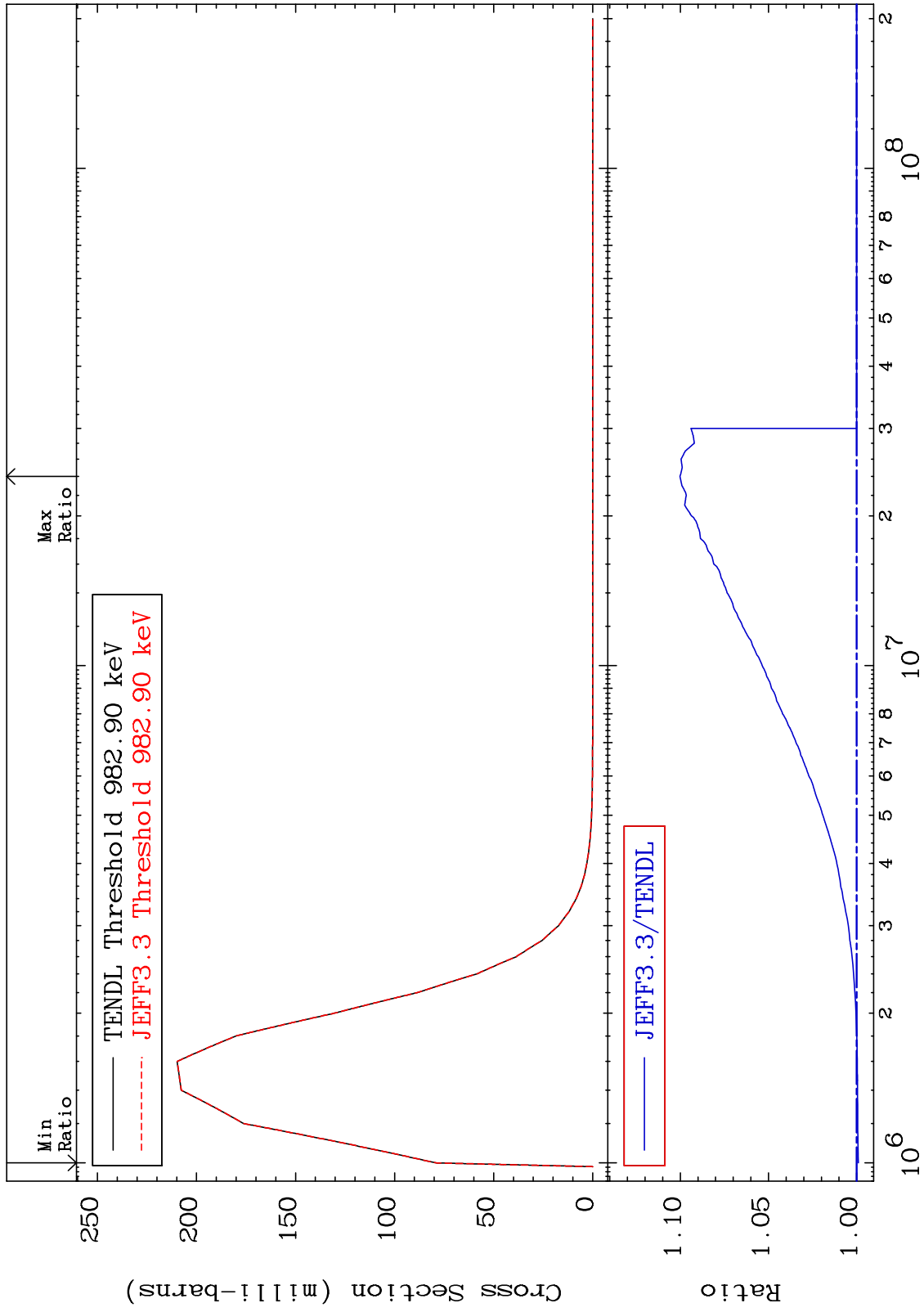
Incident Energy (eV)

66-Dy-164

MAT 6649

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

66-Dy-164
-0.098 To 10.02 %



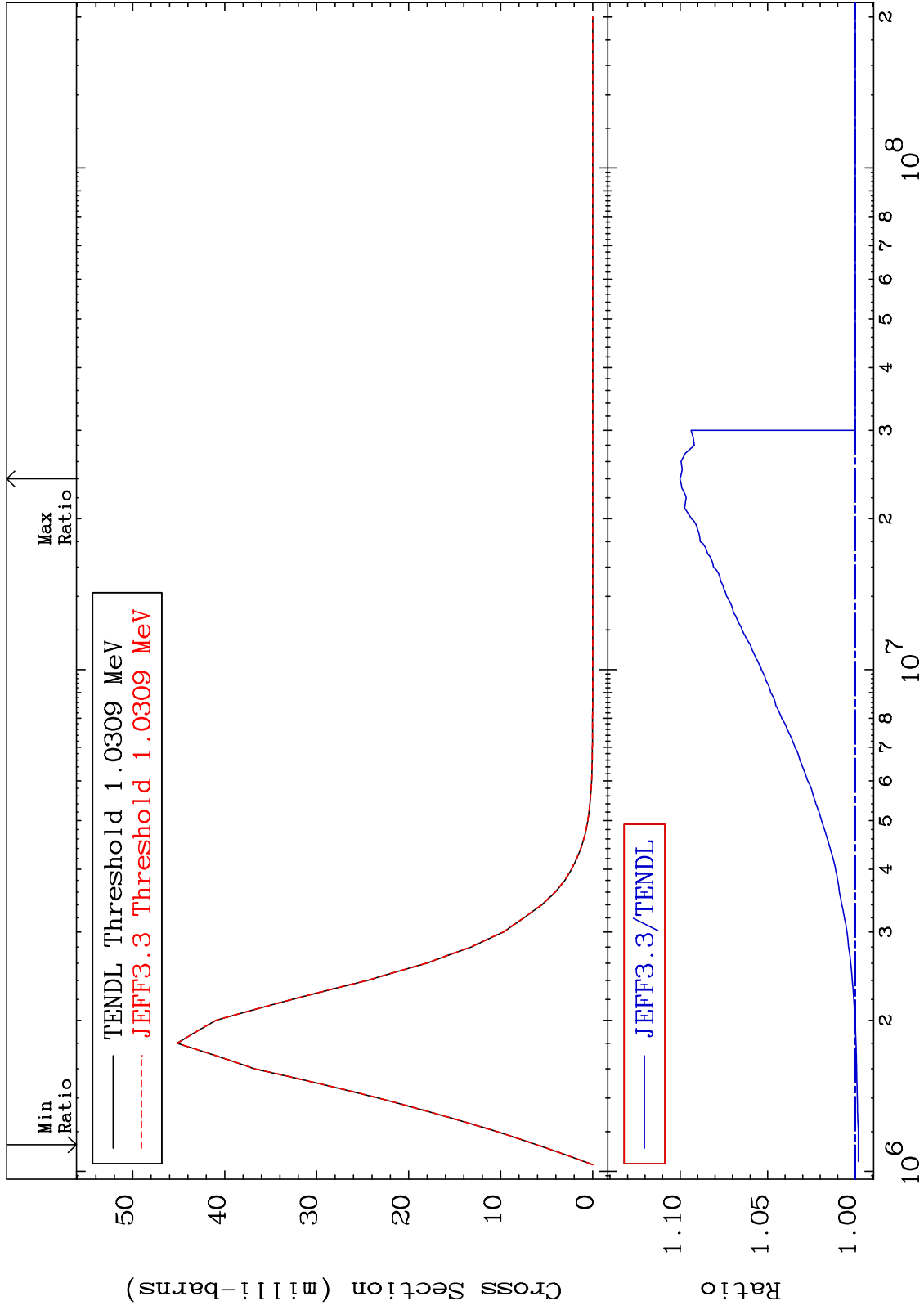
26

66-Dy-164

MAT 6649

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

66-Dy-164
-0.183 To 10.00 %



27

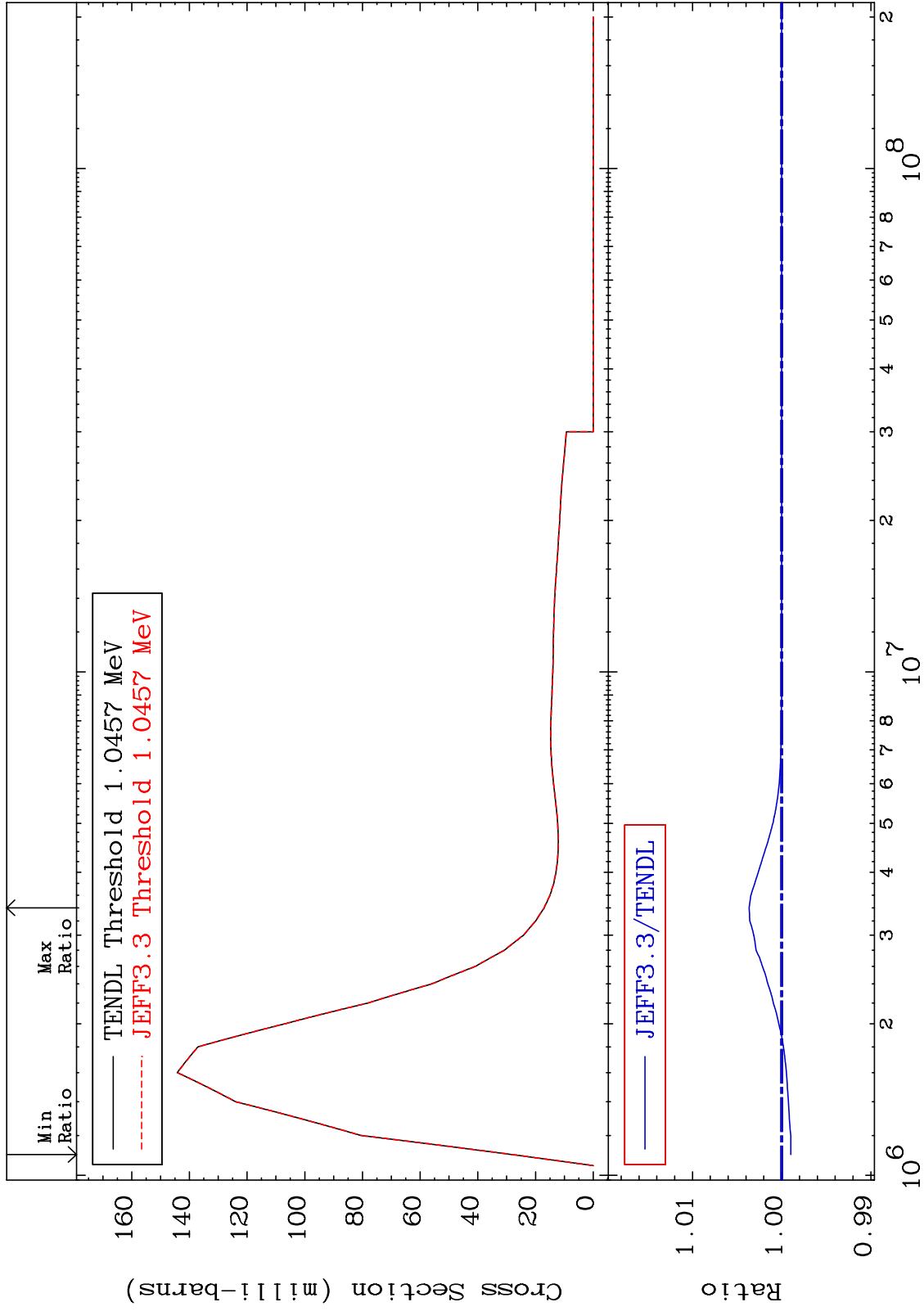
Incident Energy (eV)

66-Dy-164

MAT 6649

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

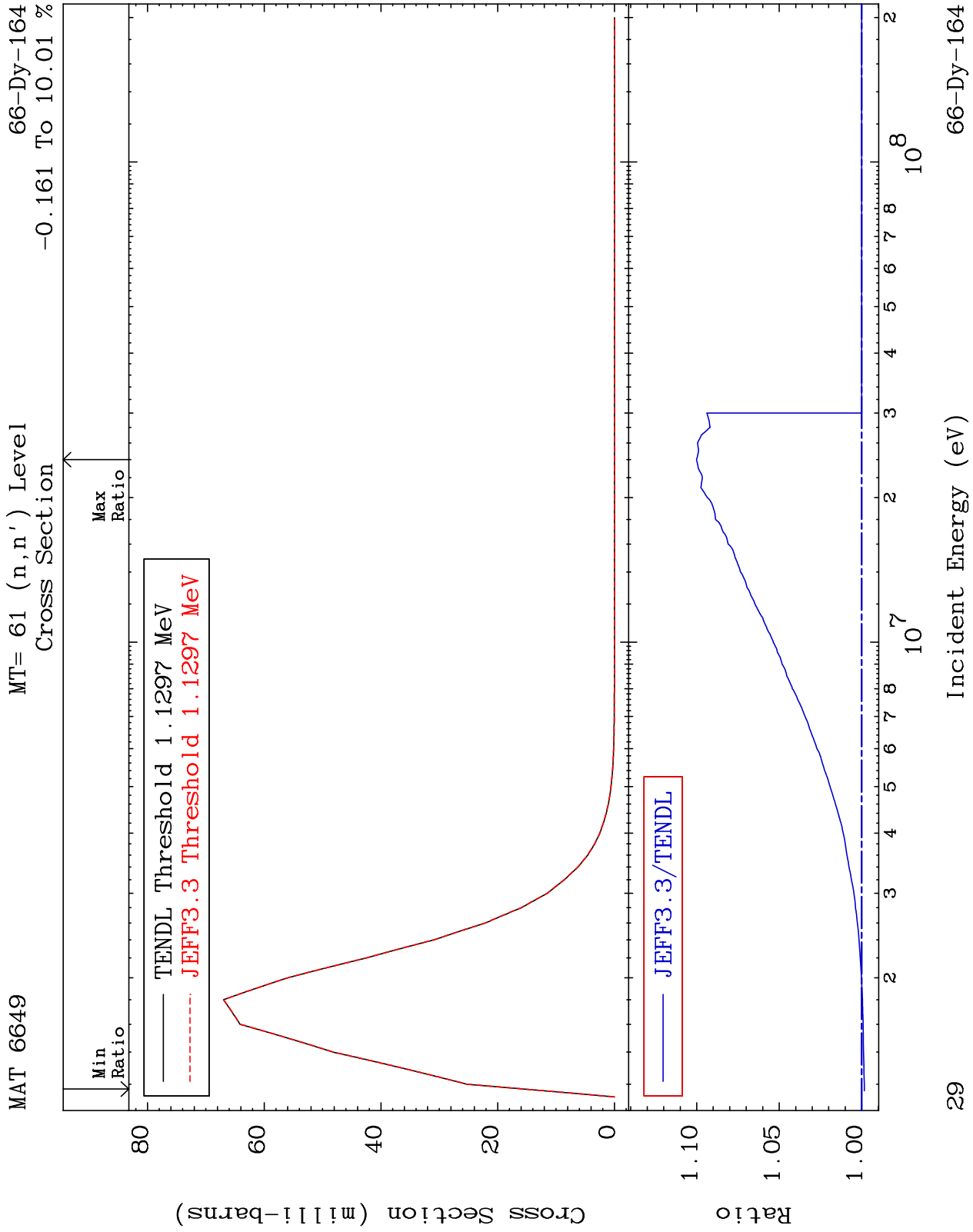
66-Dy-164
-0.102 To 0.366 %



28

Incident Energy (eV)

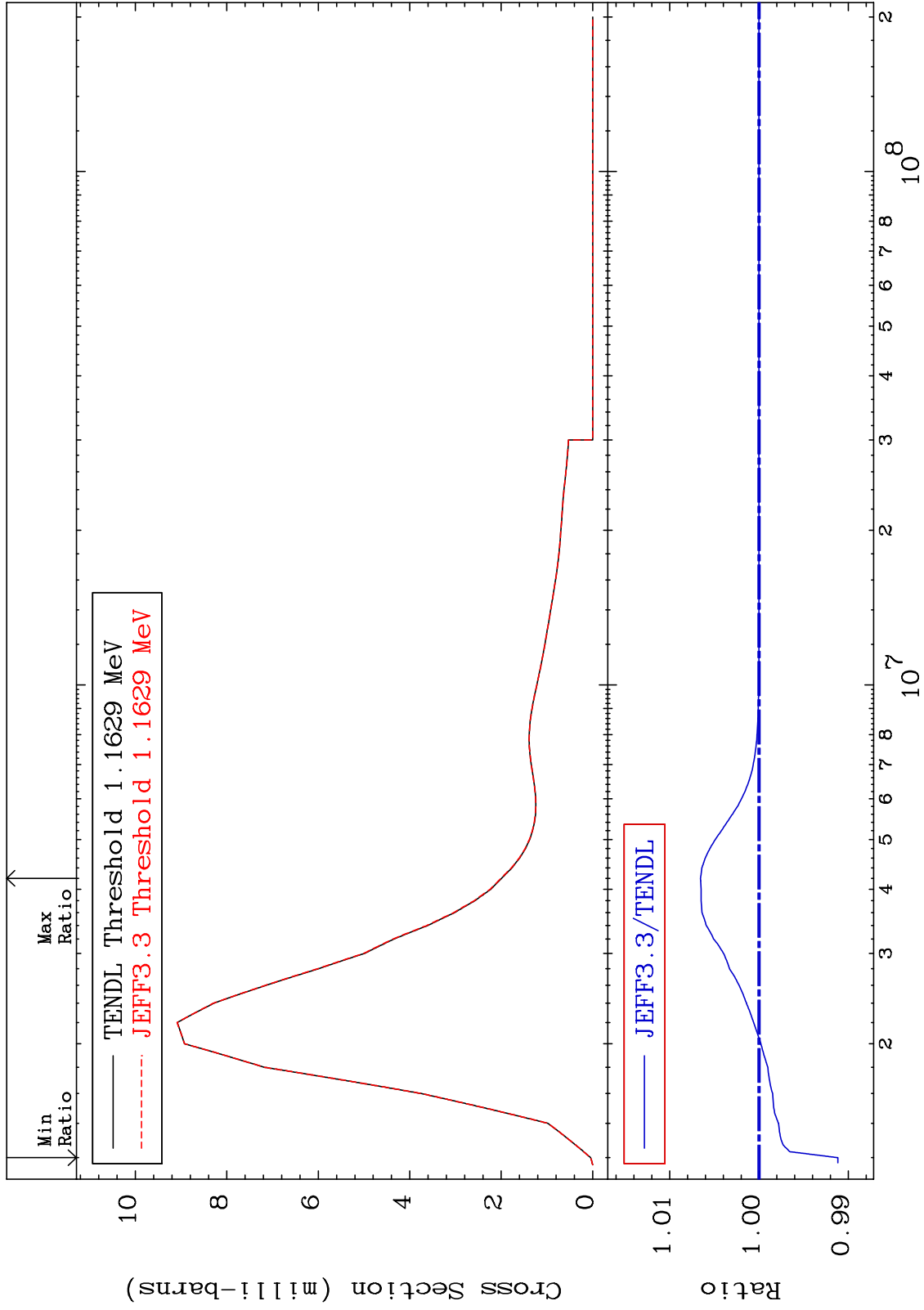
66-Dy-164



MAT 6649

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

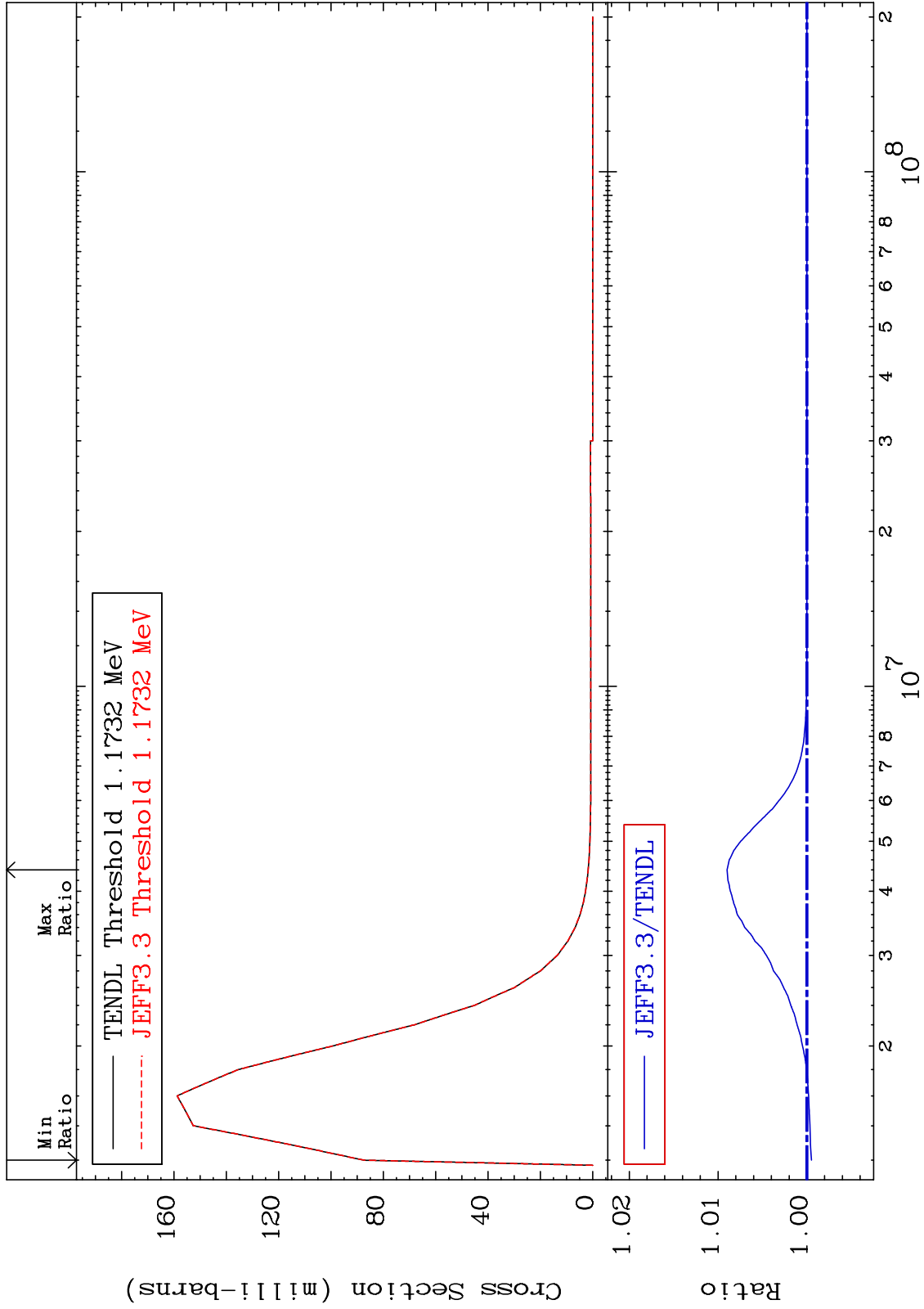
66-Dy-164
-0.883 To 0.655 %



MAT 6649

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

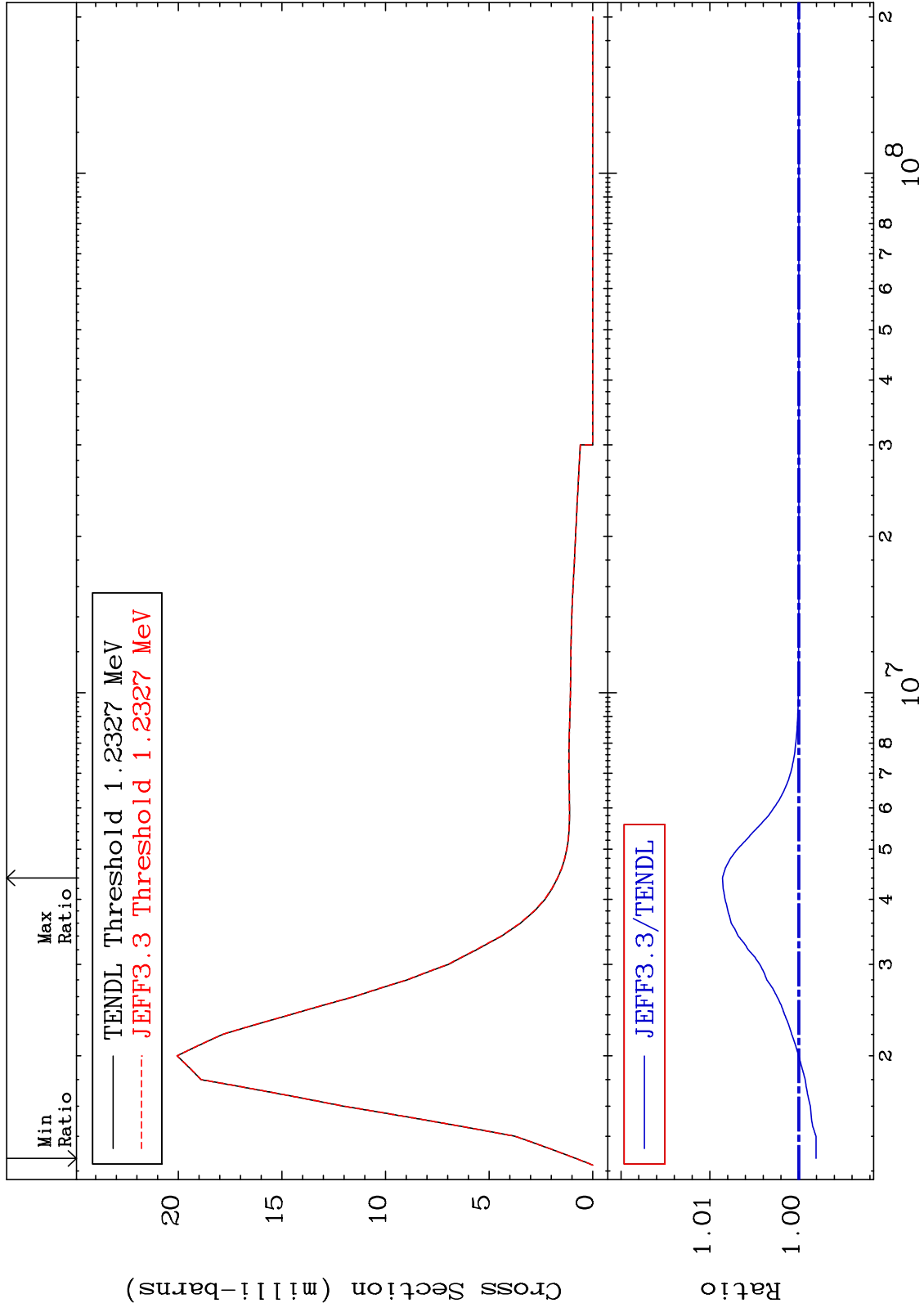
66-Dy-164
-0.051 To 0.900 %



MAT 6649

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

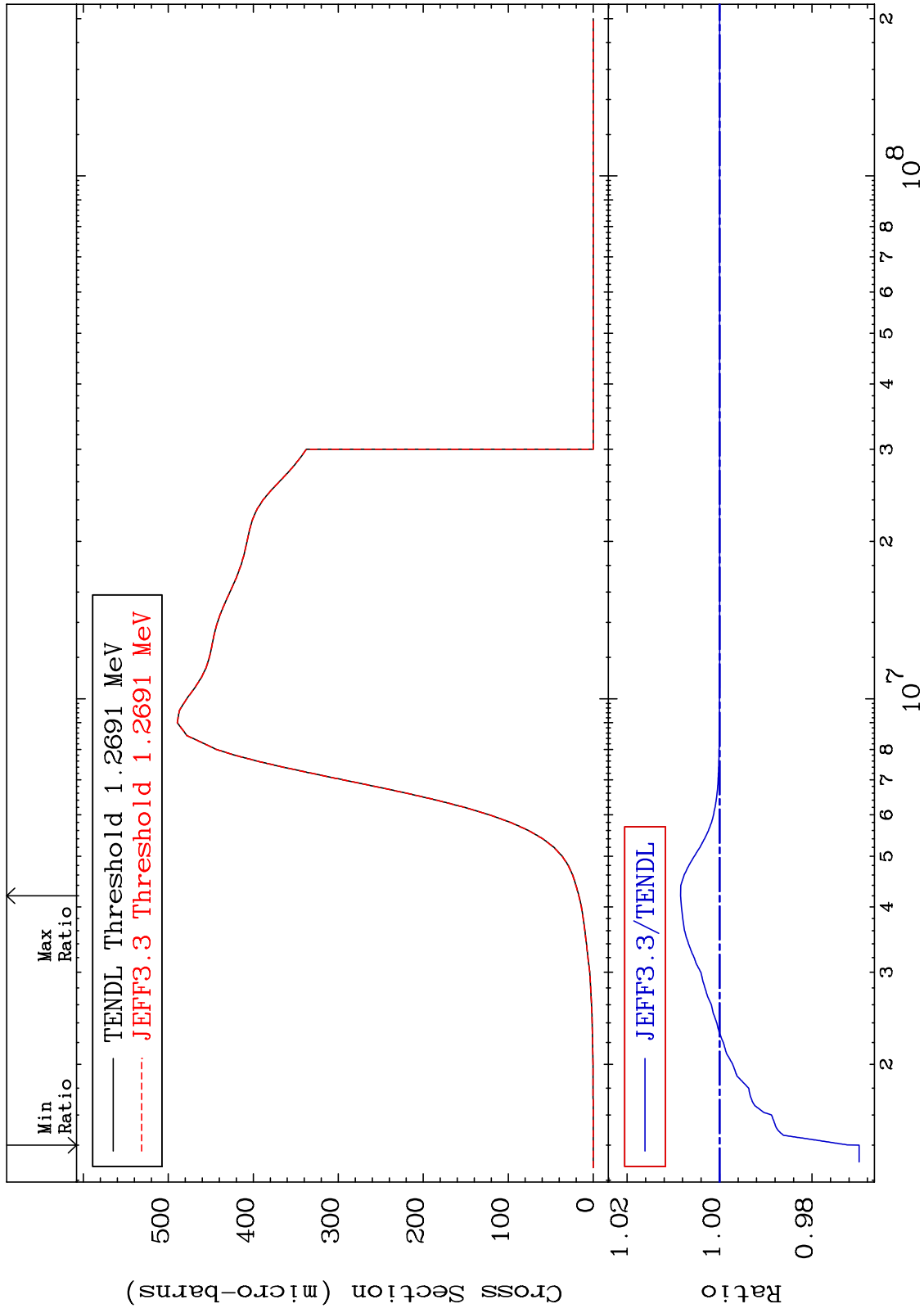
66-Dy-164
-0.194 To 0.859 %



MAT 6649

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

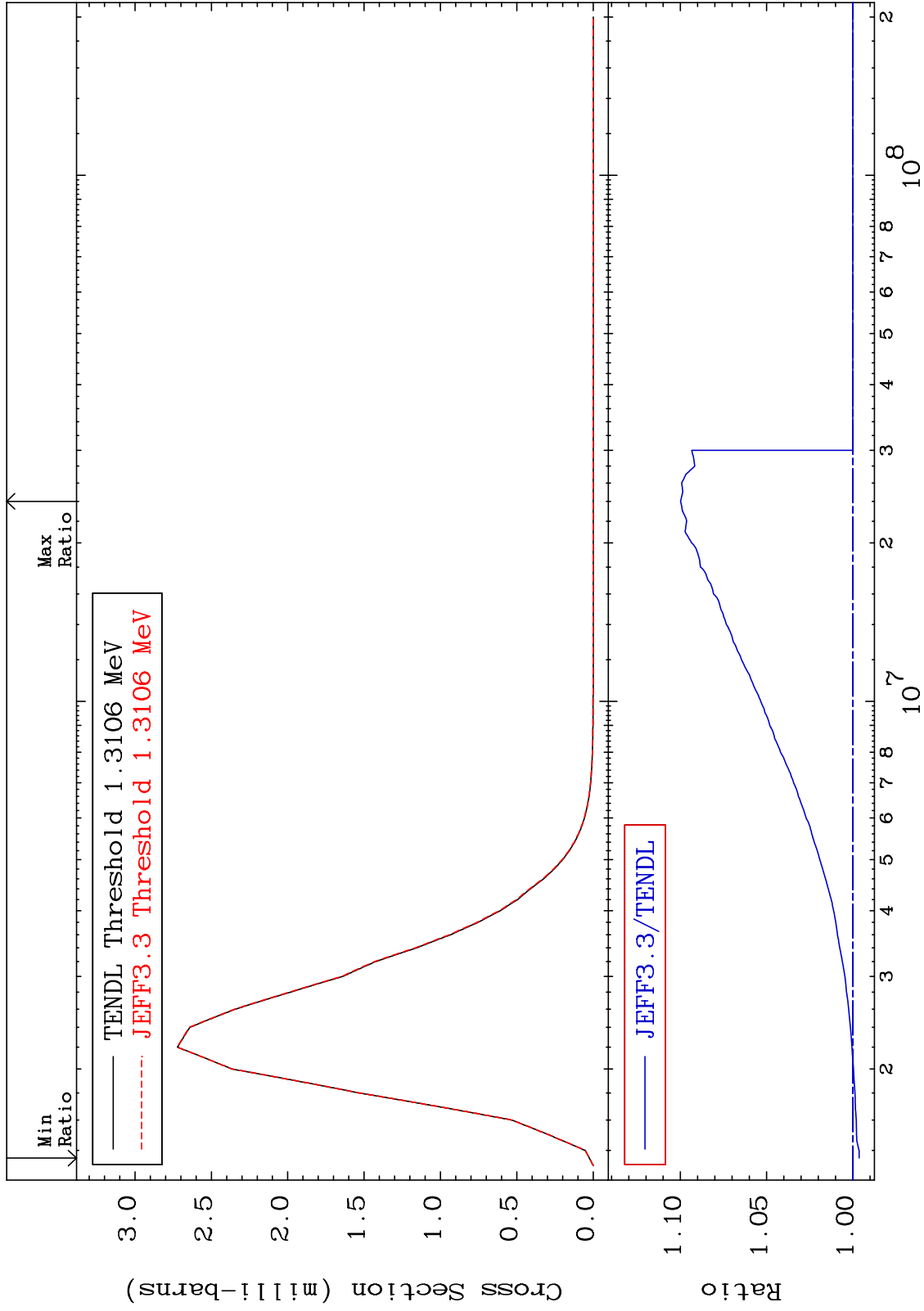
66-Dy-164
-3.019 To 0.843 %



MAT 6649

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

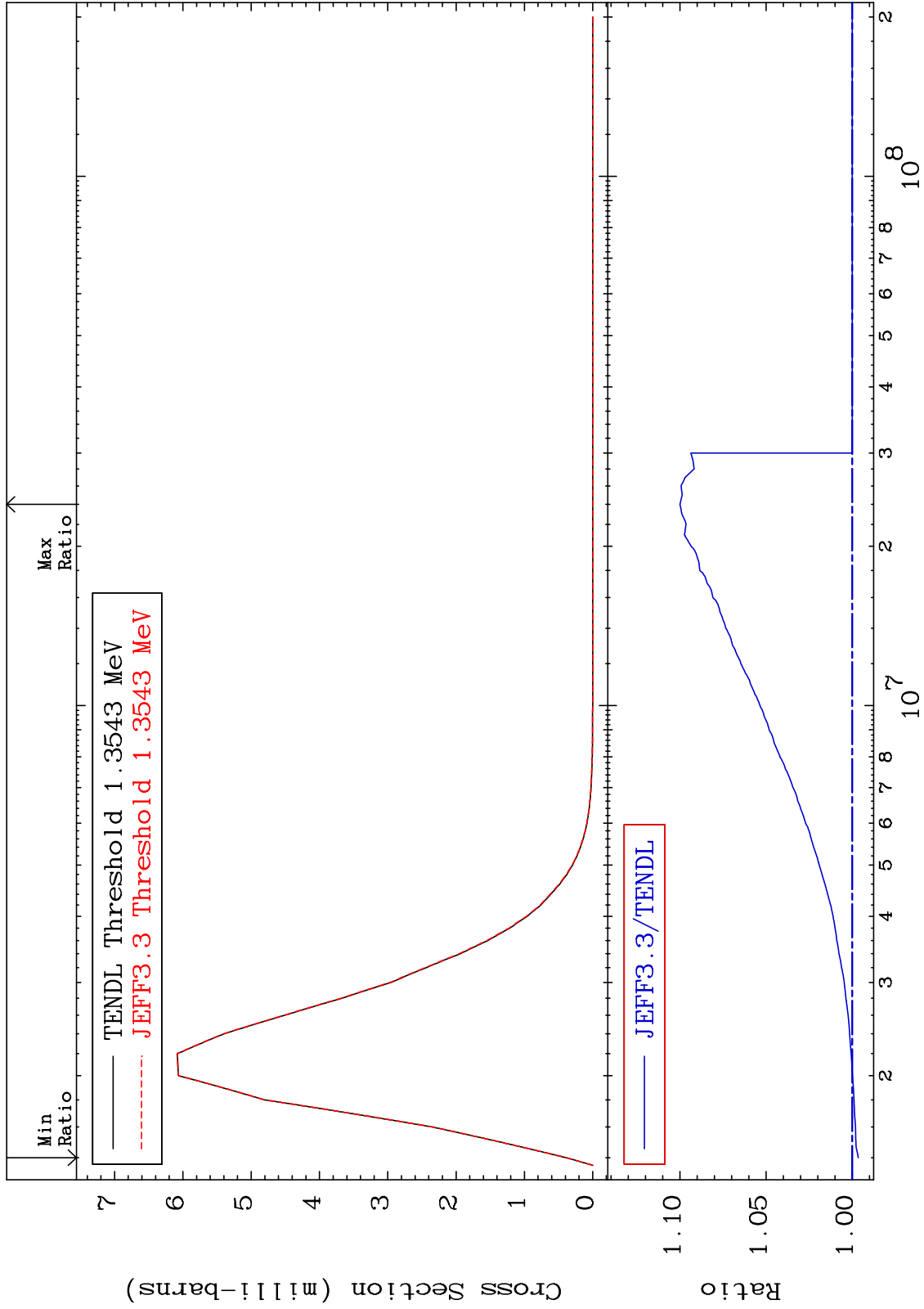
66-Dy-164
-0.365 To 9.990 %



MAT 6649

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

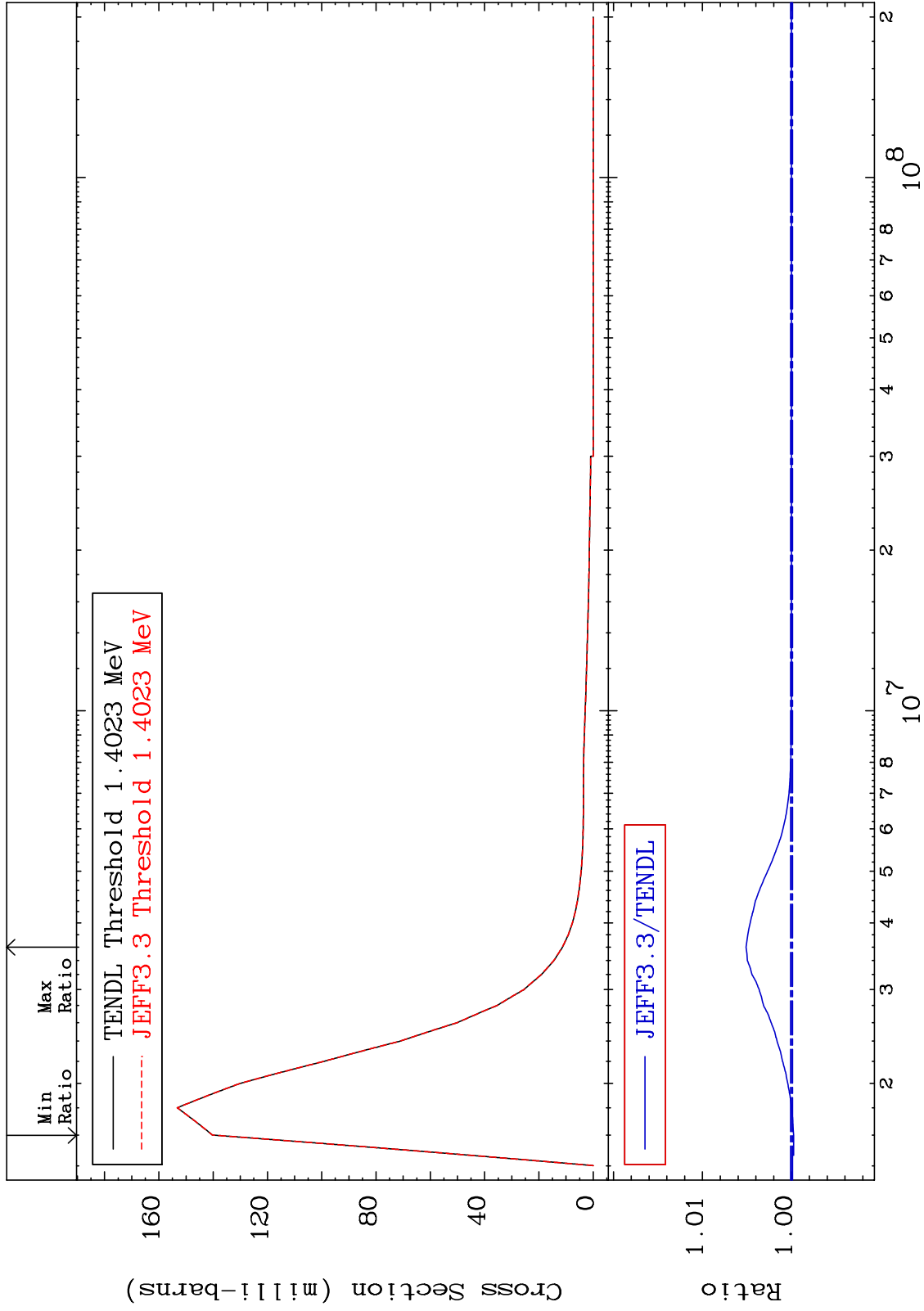
66-Dy-164
-0.355 To 9.997 %



MAT 6649

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

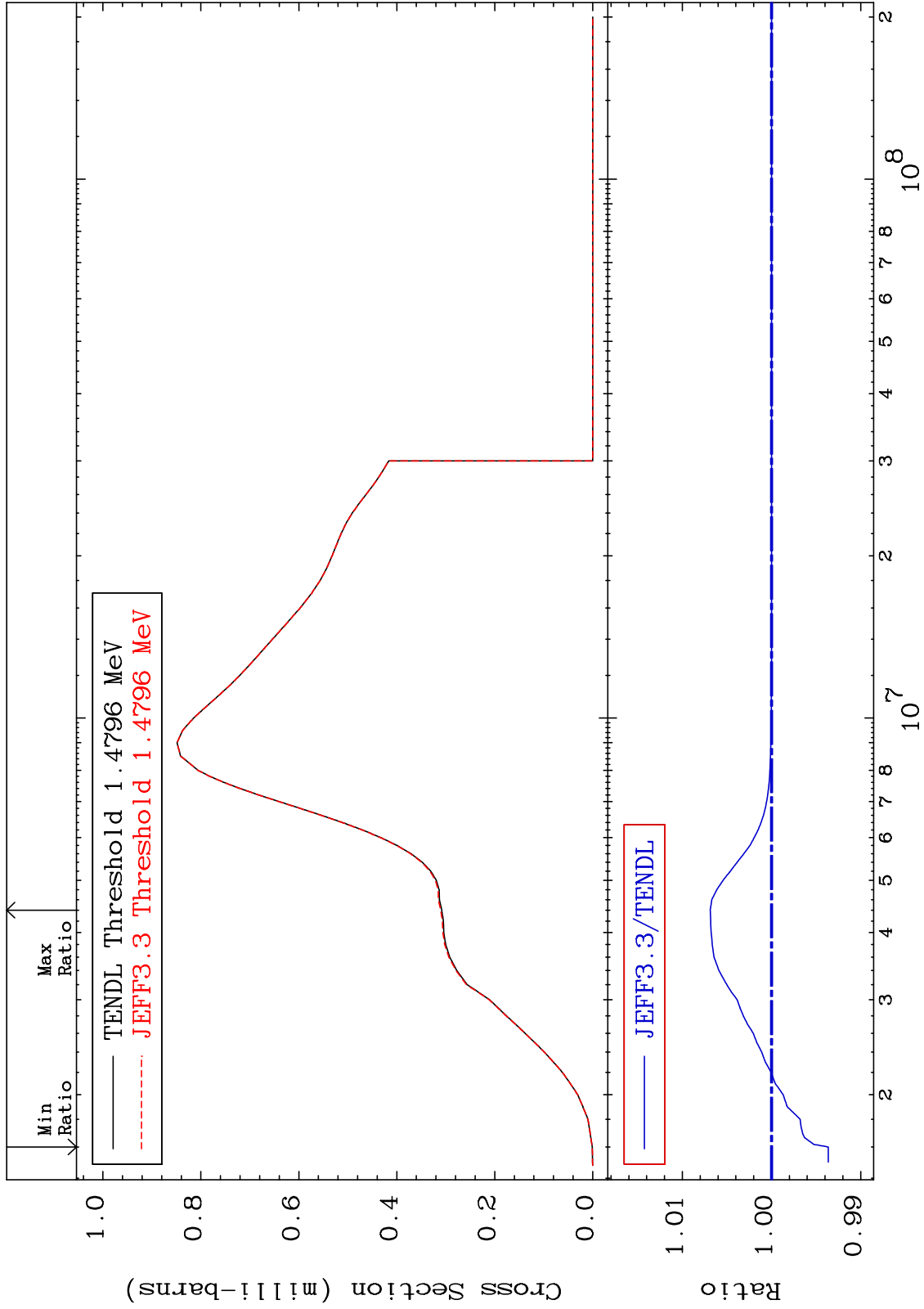
66-Dy-164
-0.024 To 0.510 %



MAT 6649

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

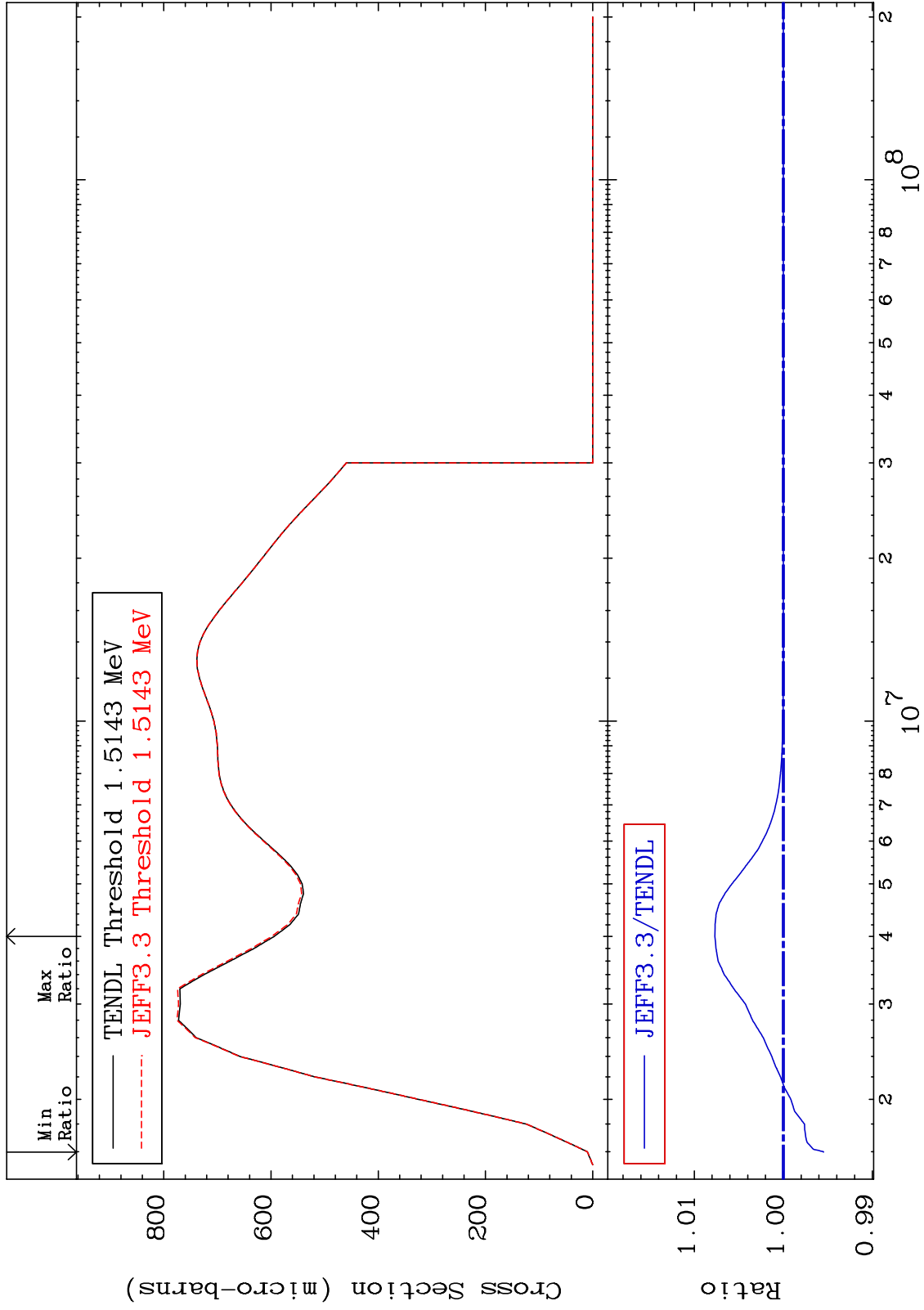
66-Dy-164
-0.636 To 0.687 %



MAT 6649

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

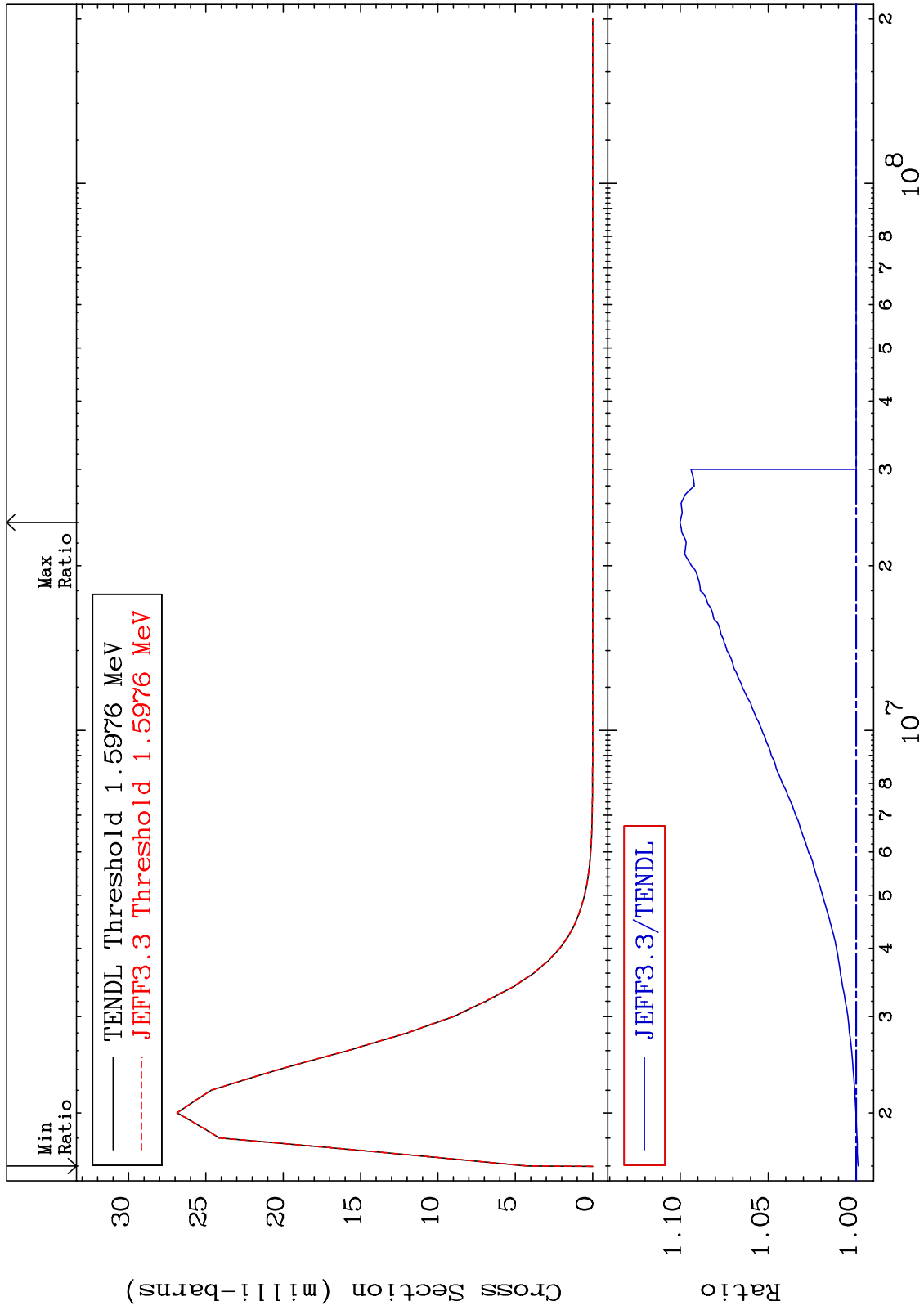
66-Dy-164
-0.452 To 0.769 %



MAT 6649

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

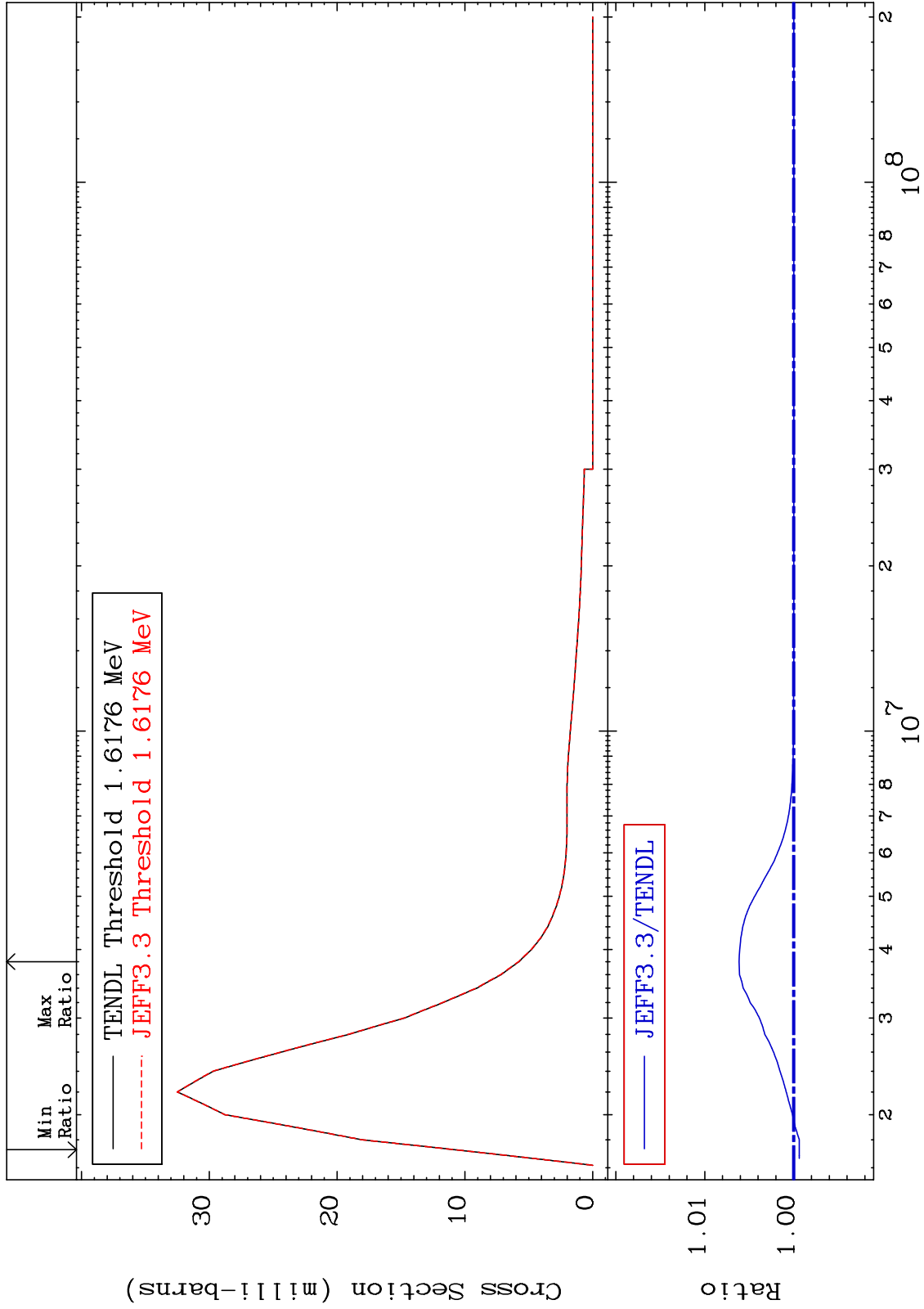
66-Dy-164
-0.125 To 10.01 %



MAT 6649

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

66-Dy-164
-0.063 To 0.613 %



40

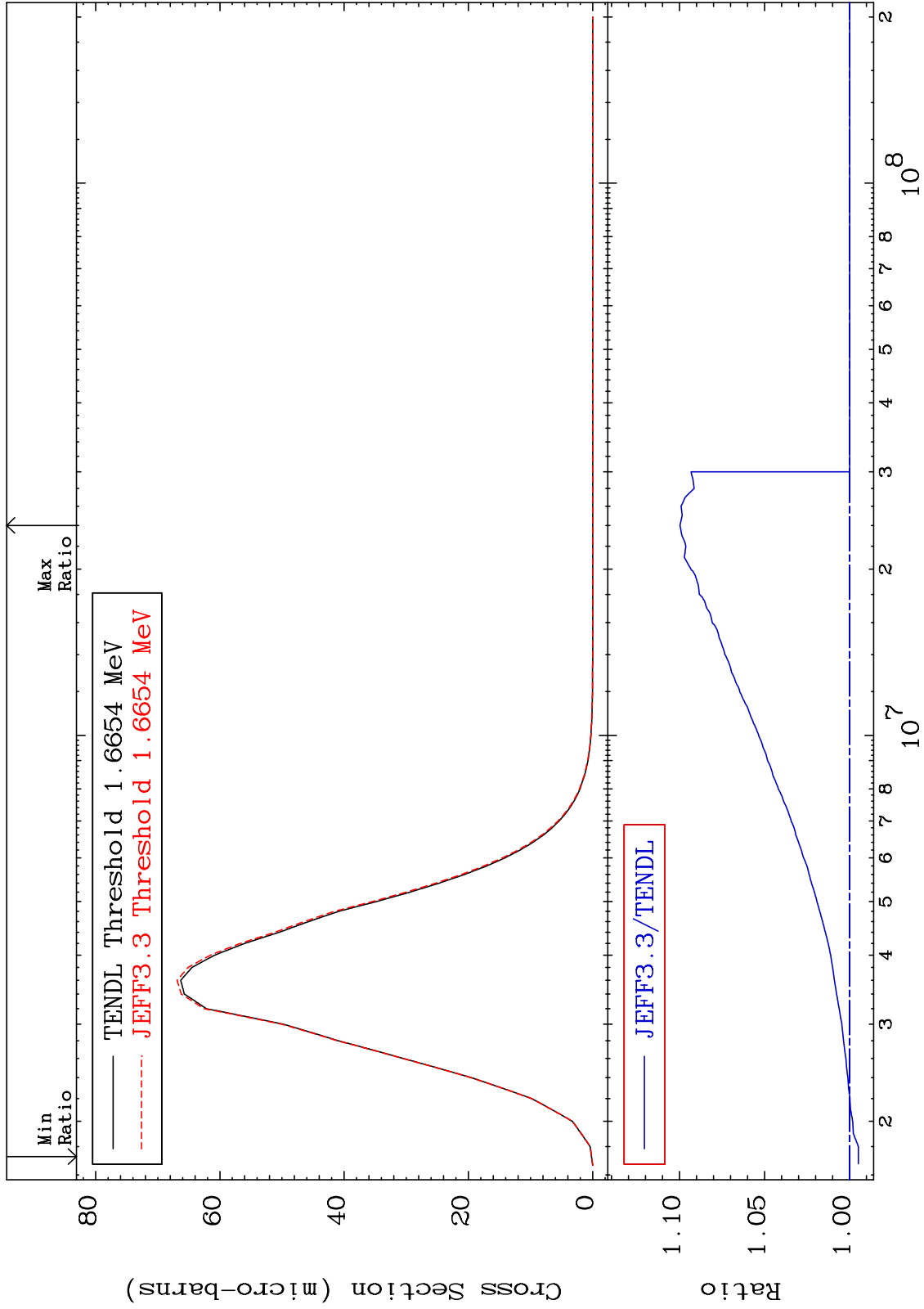
Incident Energy (eV)

66-Dy-164

MAT 6649

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

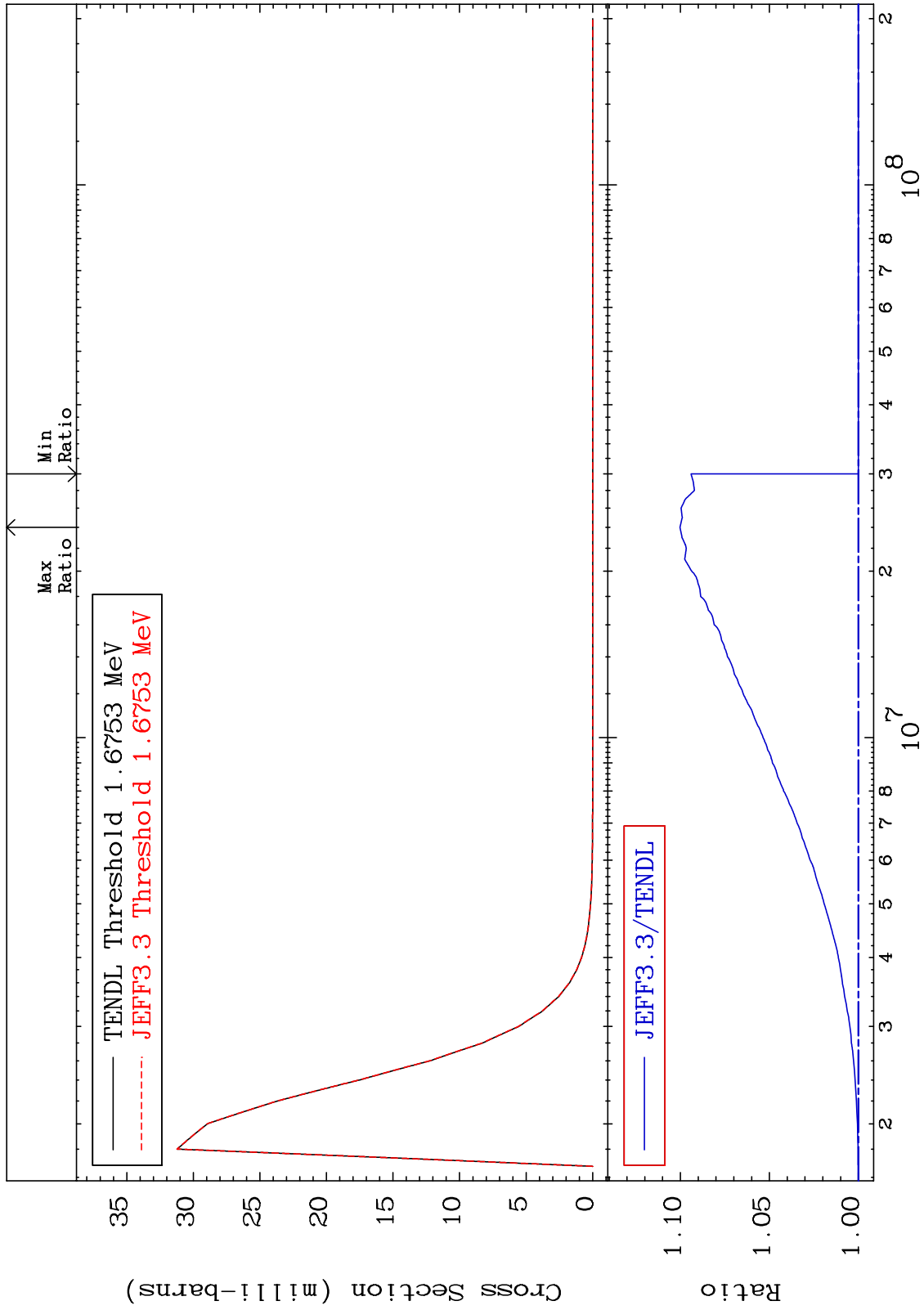
66-Dy-164
-0.522 To 9.970 %



MAT 6649

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

66-Dy-164
0.000 To 10.02 %



42

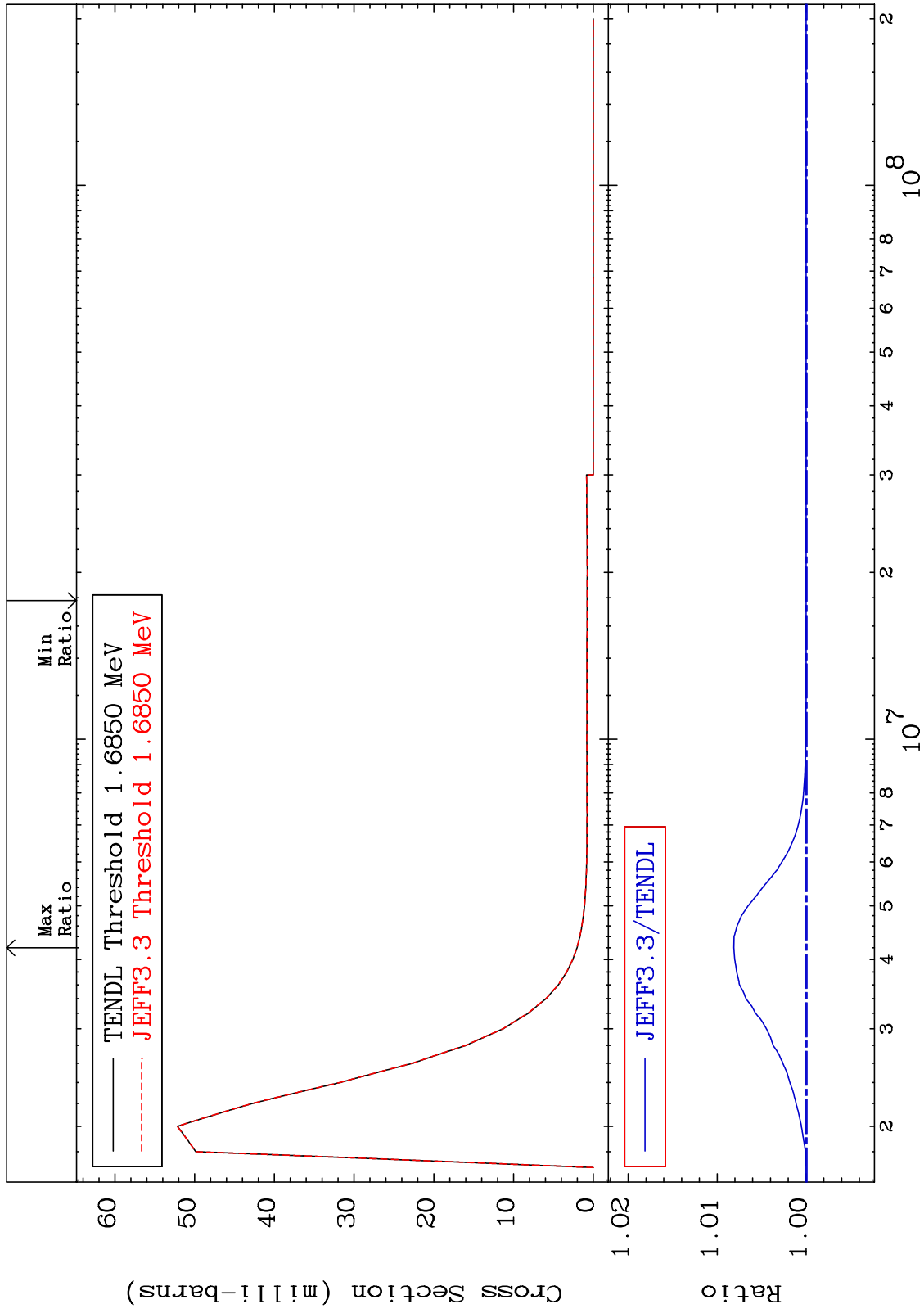
Incident Energy (eV)

66-Dy-164

MAT 6649

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

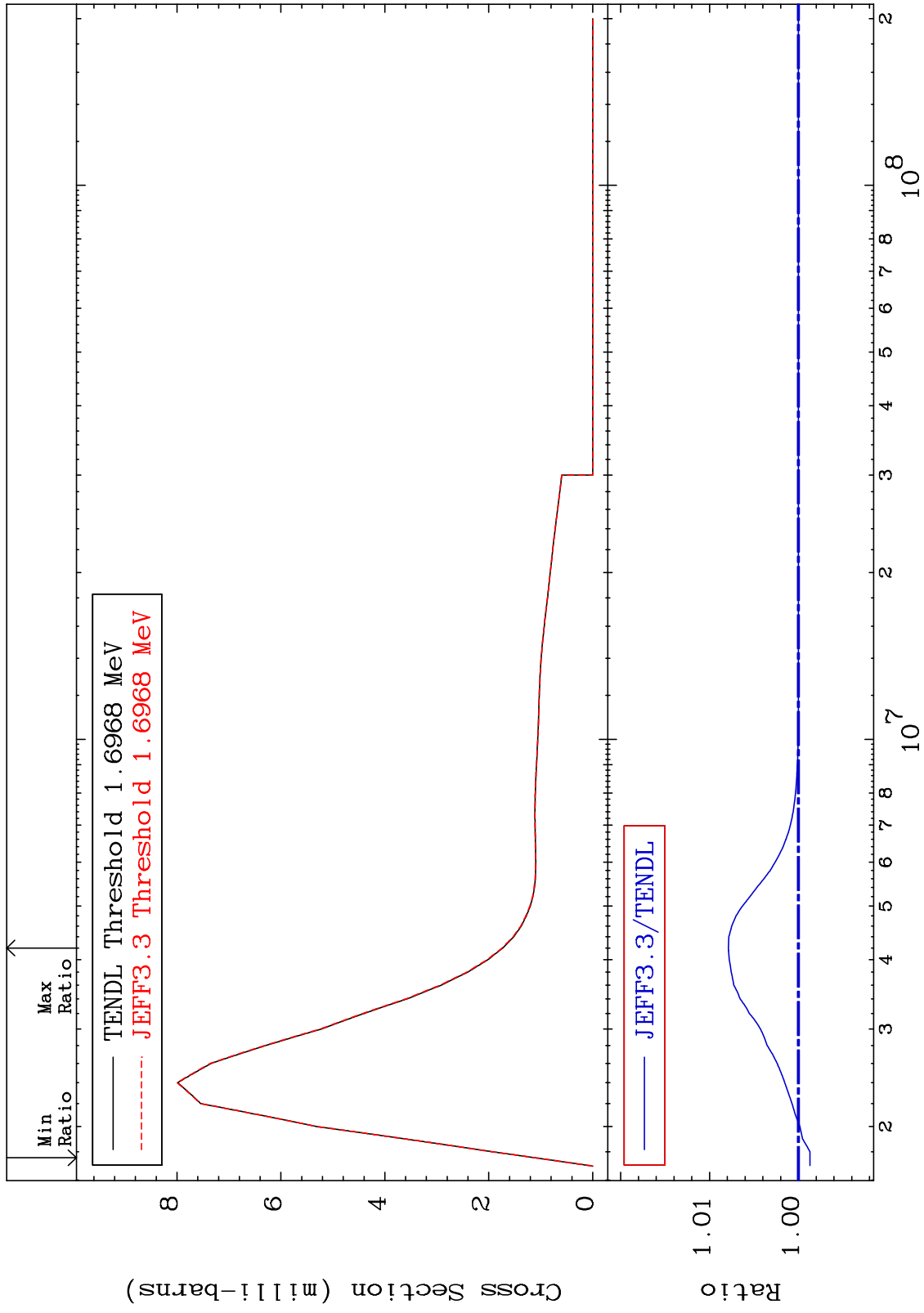
66-Dy-164
0.000 To 0.813 %



MAT 6649

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

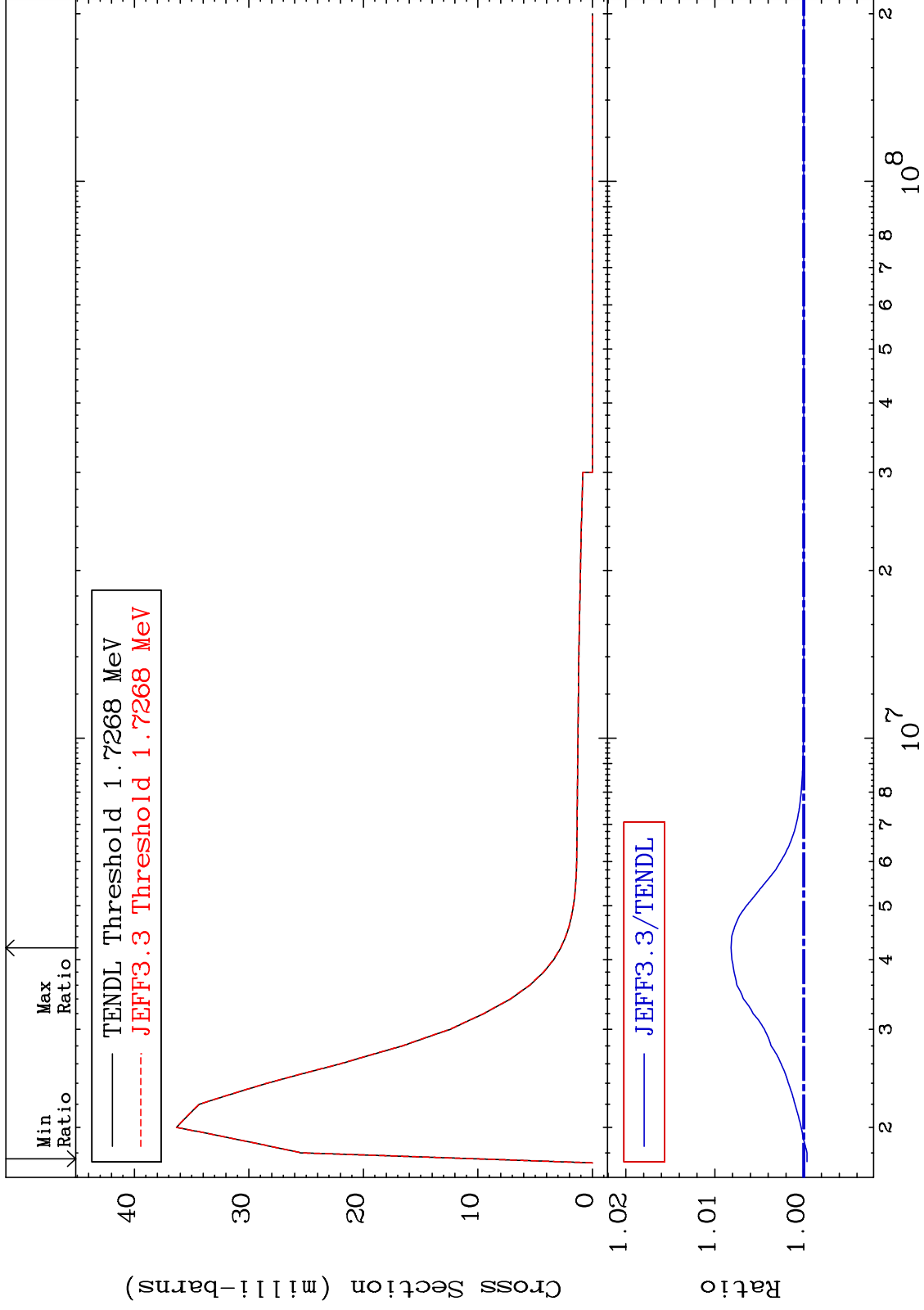
66-Dy-164
-0.130 To 0.788 %



MAT 6649

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

66-Dy-164
-0.038 To 0.817 %



45

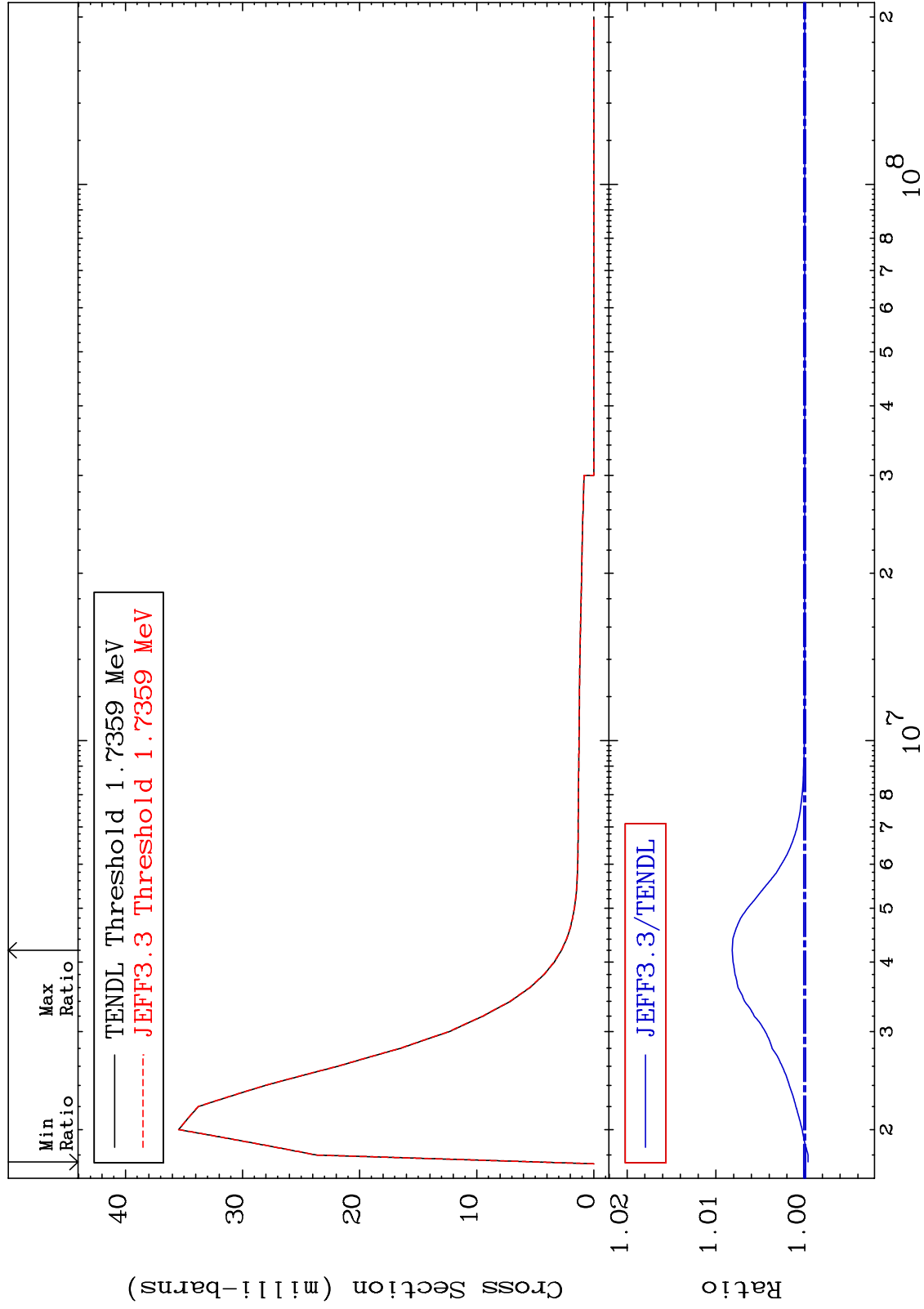
Incident Energy (eV)

66-Dy-164

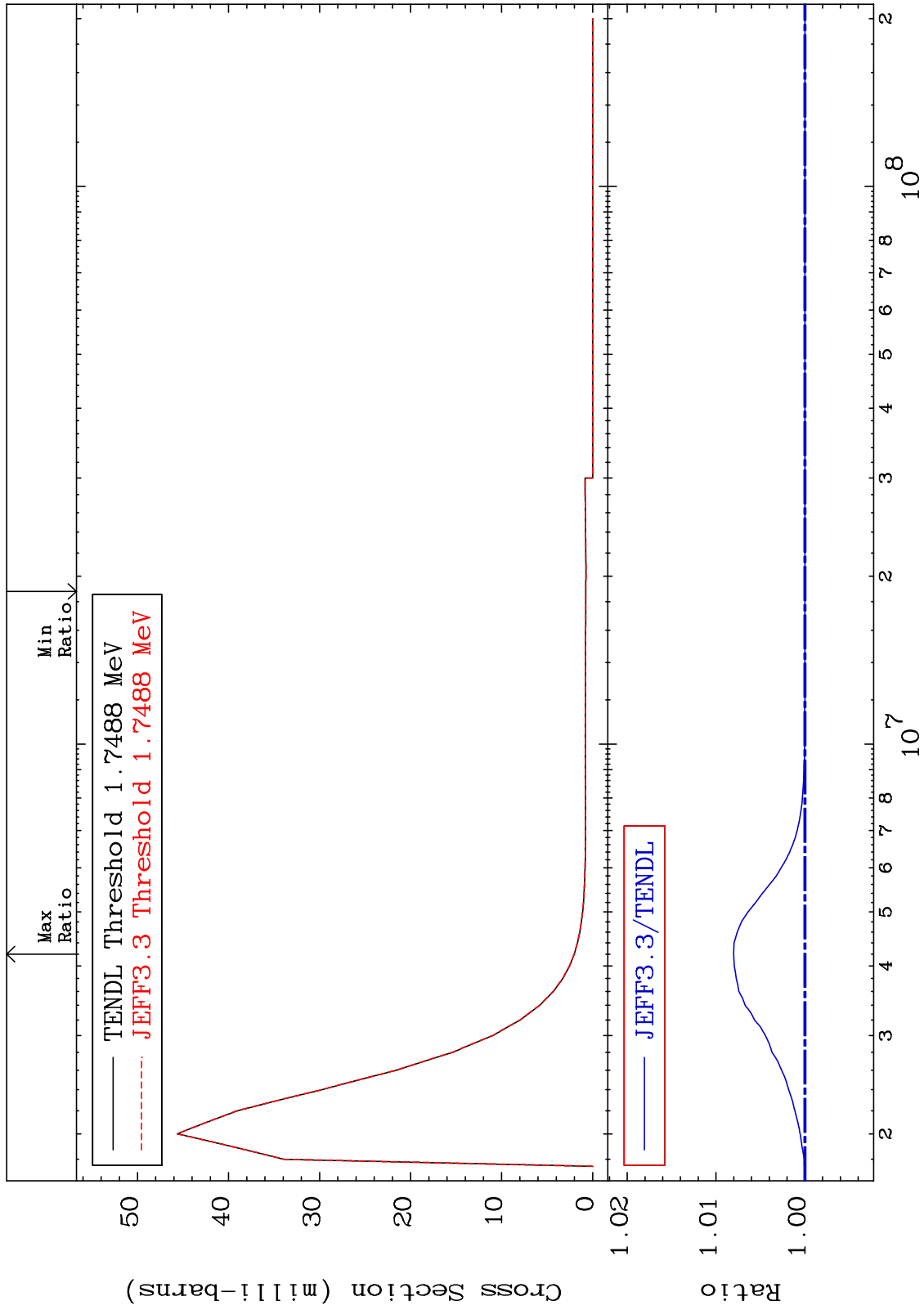
MAT 6649

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

66-Dy-164
-0.039 To 0.816 %



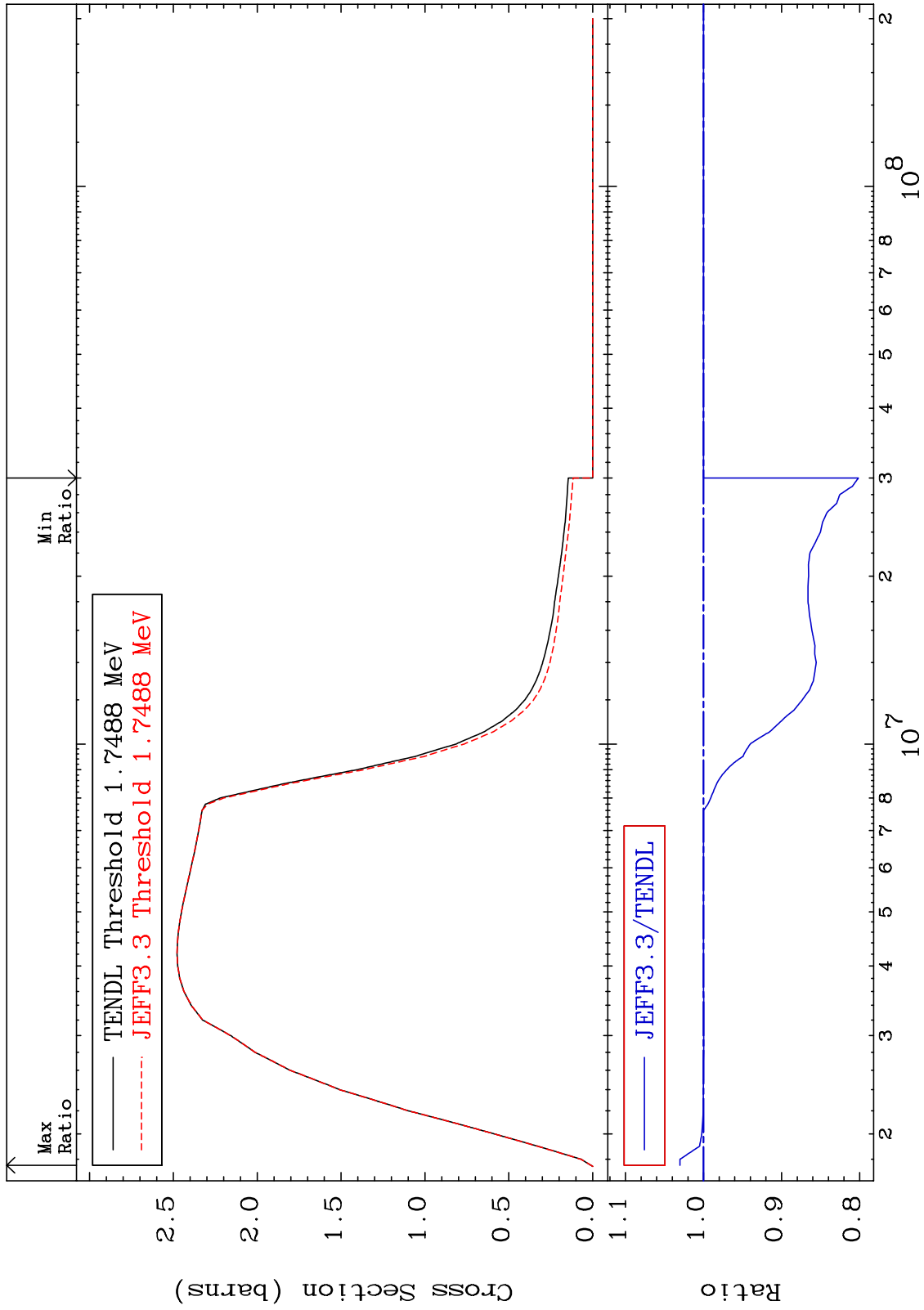
MAT 6649 MT= 79 (n,n') Level Cross Section 66-Dy-164
 0.000 To 0.803 %



MAT 6649

(n,n') Continuum
Cross Section

66-Dy-164
-19.84 To 3.013 %

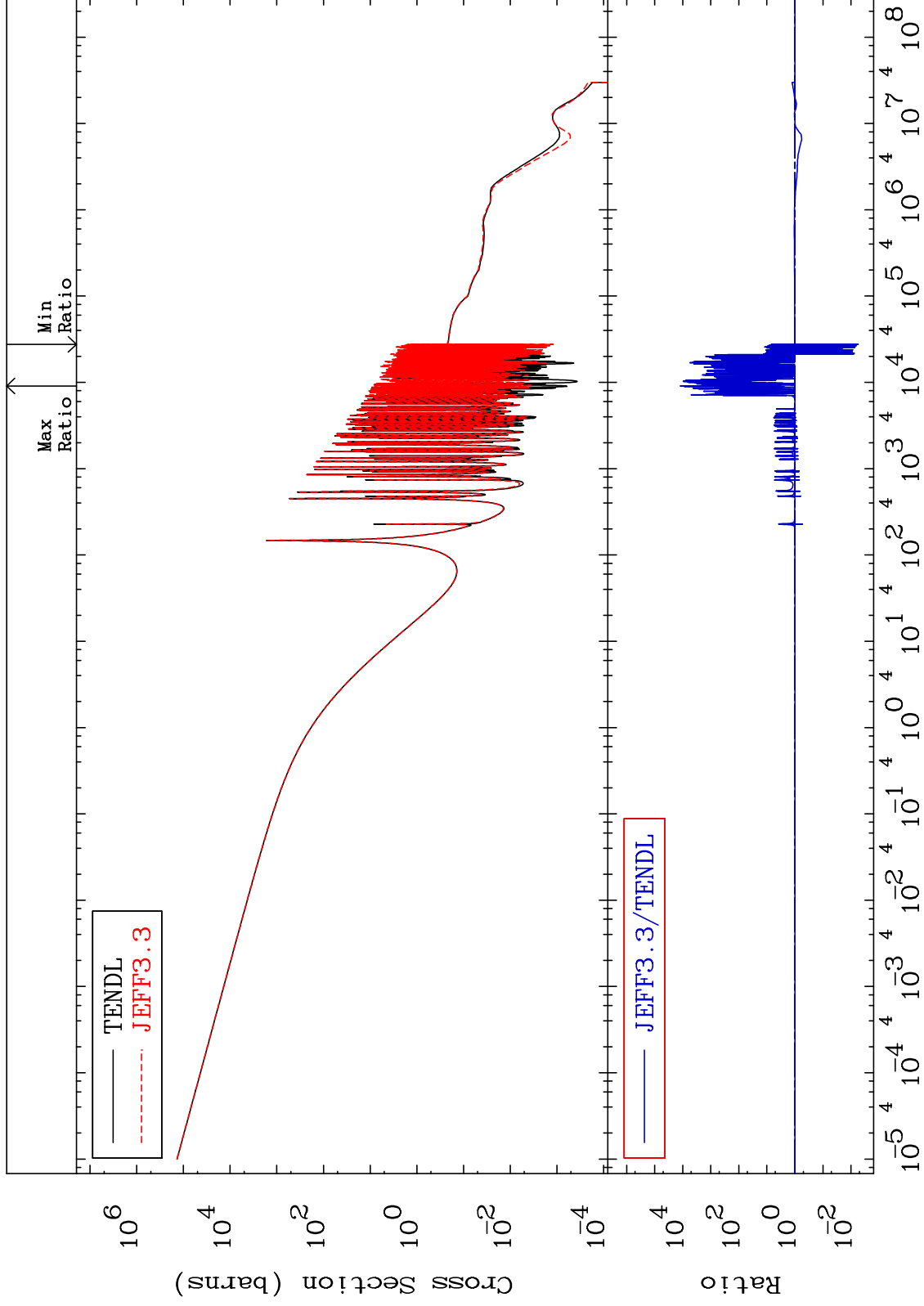


MAT 6649

(n, γ)

66-Dy-164
-99.46 To 9999. %

Cross Section



49

Incident Energy (eV)

66-Dy-164

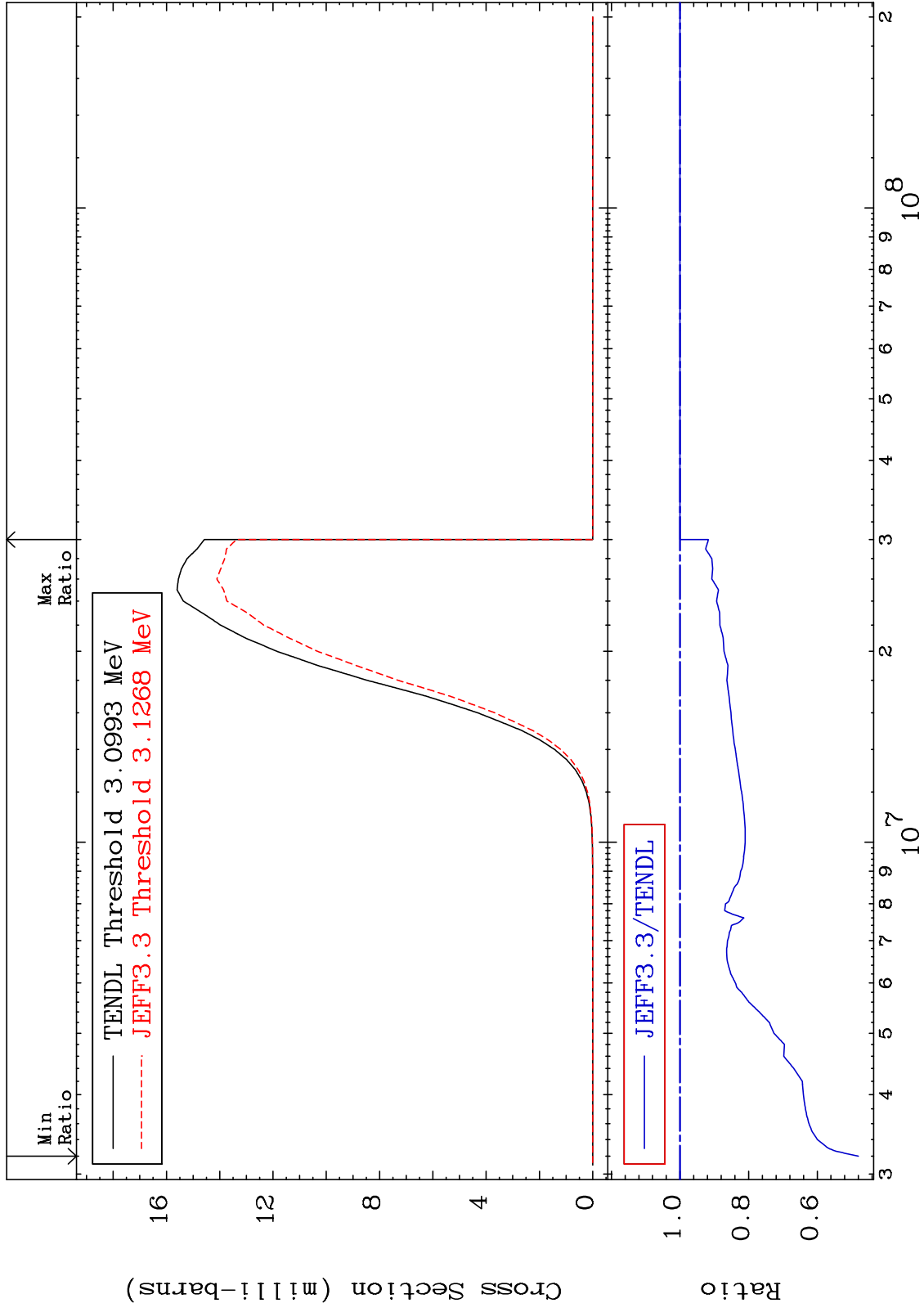
MAT 6649

(n, p)

66-Dy-164

Cross Section

-51.99 To 0.000 %



50

Incident Energy (eV)

66-Dy-164

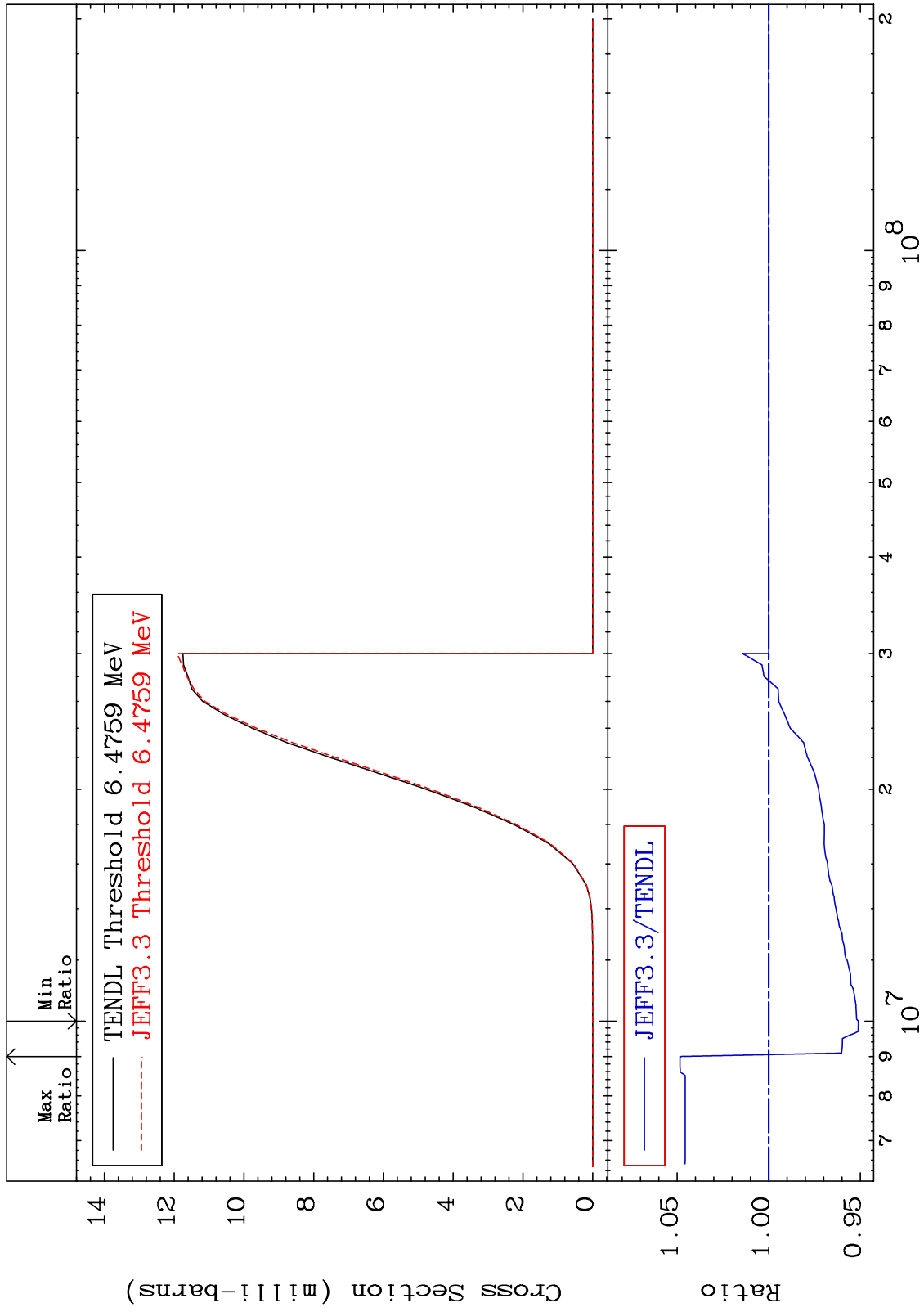
MAT 6649

(n, d)

66-Dy-164

Cross Section

-4.892 To 4.840 %



51

Incident Energy (eV)

66-Dy-164

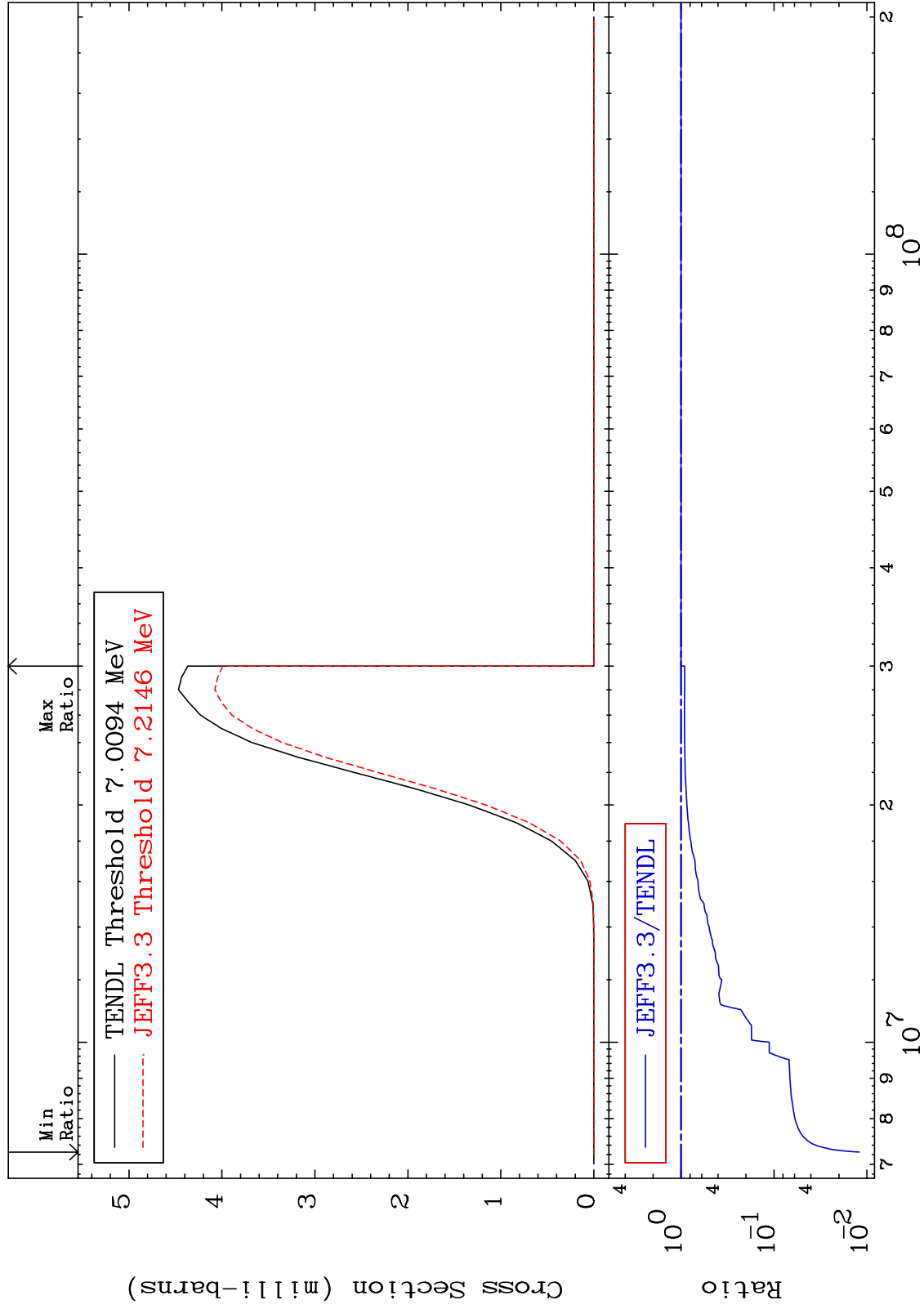
MAT 6649

(n, t)

66-Dy-164

Cross Section

-98.79 To 0.000 %



66-Dy-164

Incident Energy (eV)

52

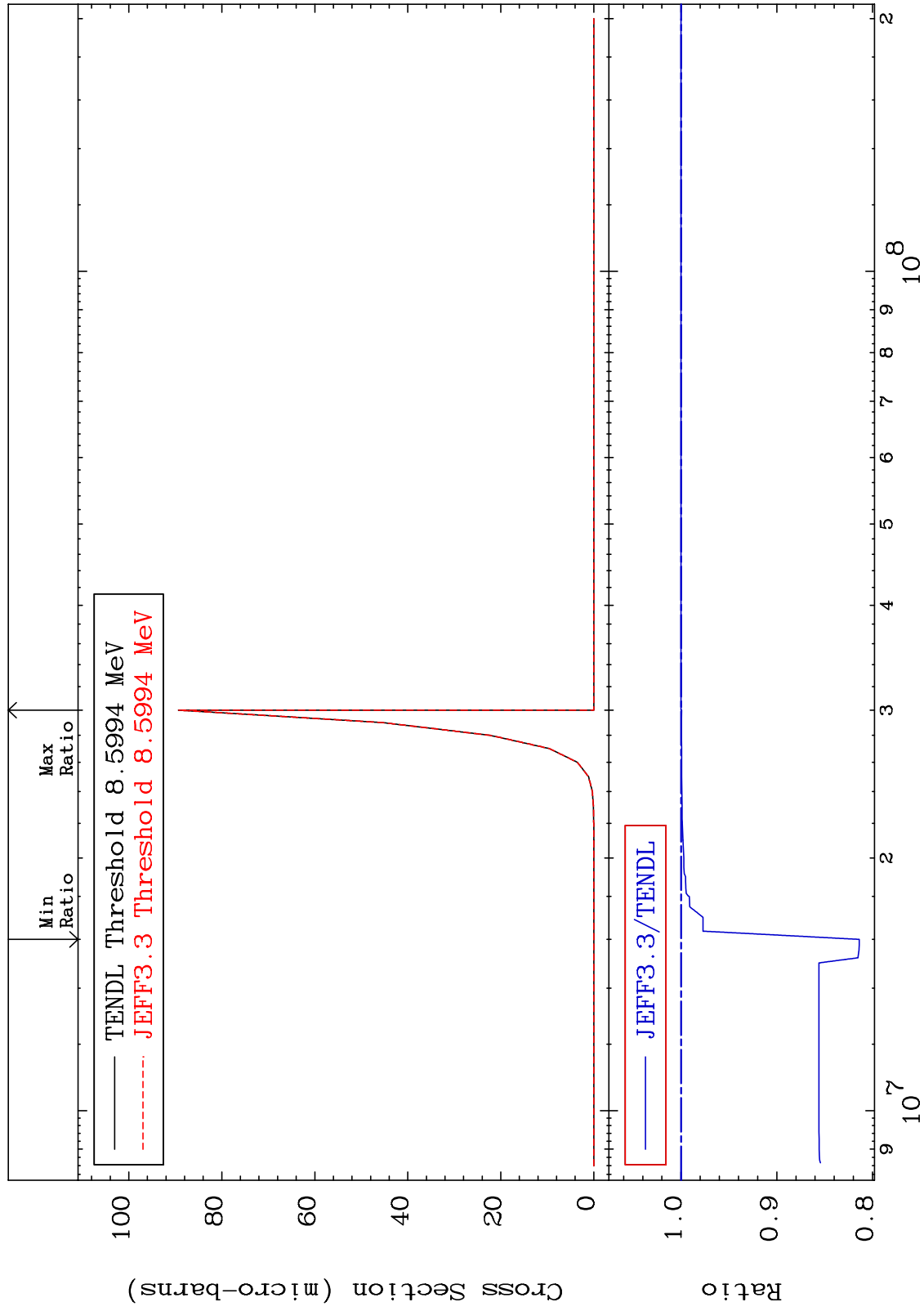
MAT 6649

(n, He-3)

66-Dy-164

Cross Section

-18.62 To 0.000 %



53

Incident Energy (eV)

66-Dy-164

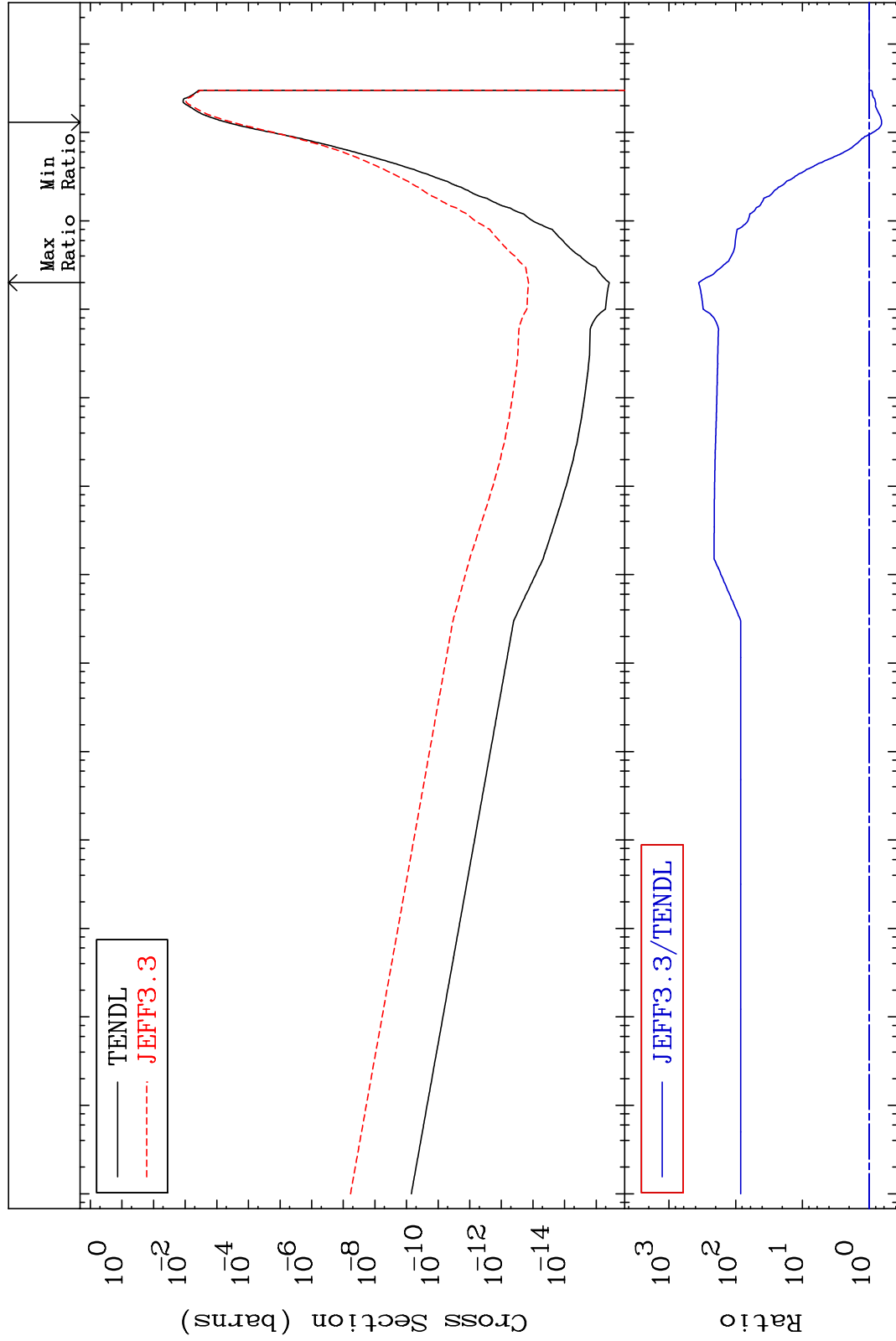
MAT 6649

(n, α)

66-Dy-164

Cross Section

-34.82 To 9999. %



— TENDL
- - - JEFF3.3

— JEFF3.3/TENDL

Incident Energy (eV) 66-Dy-164

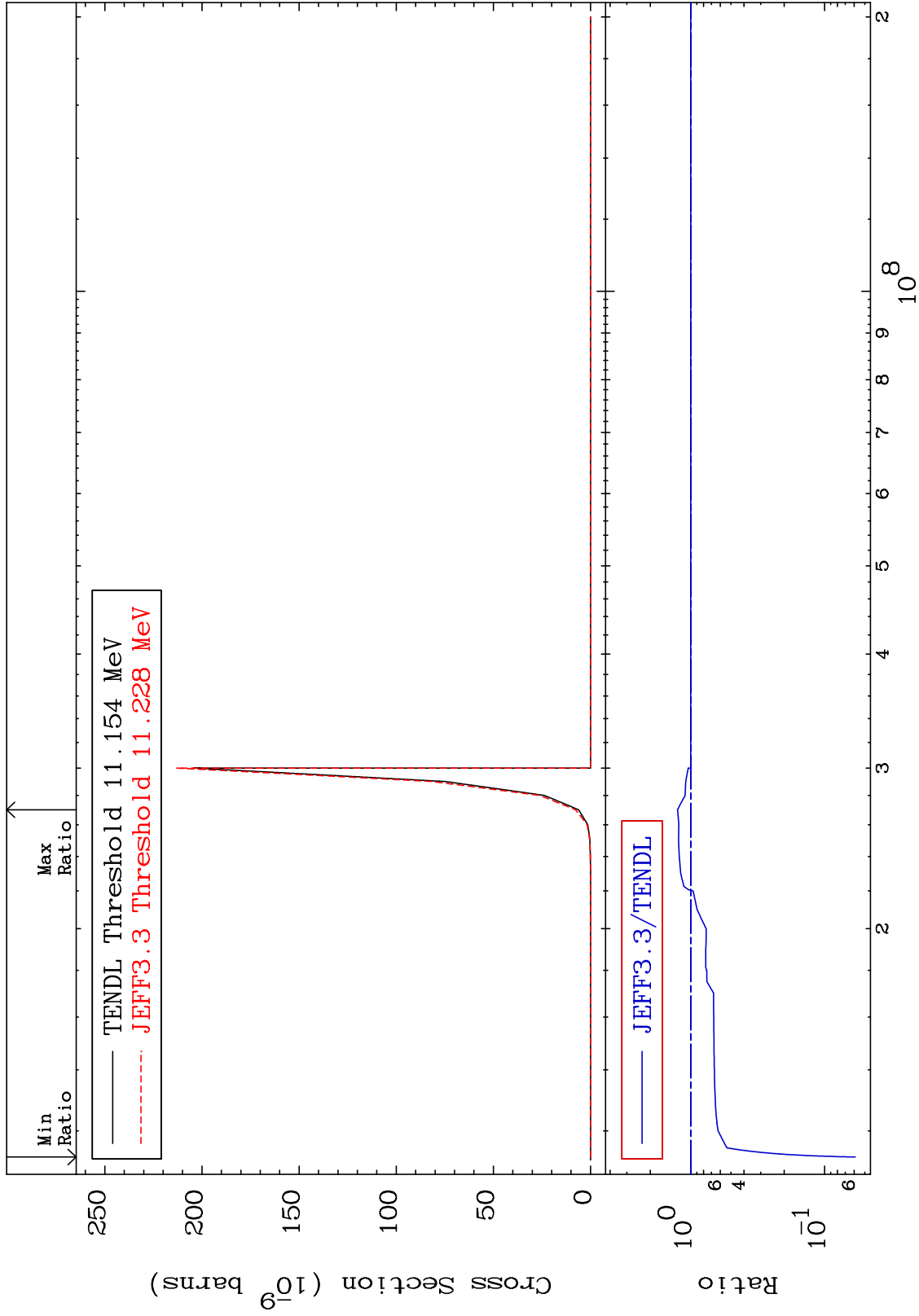
MAT 6649

(n,2p)

66-Dy-164

Cross Section

-94.11 To 25.34 %



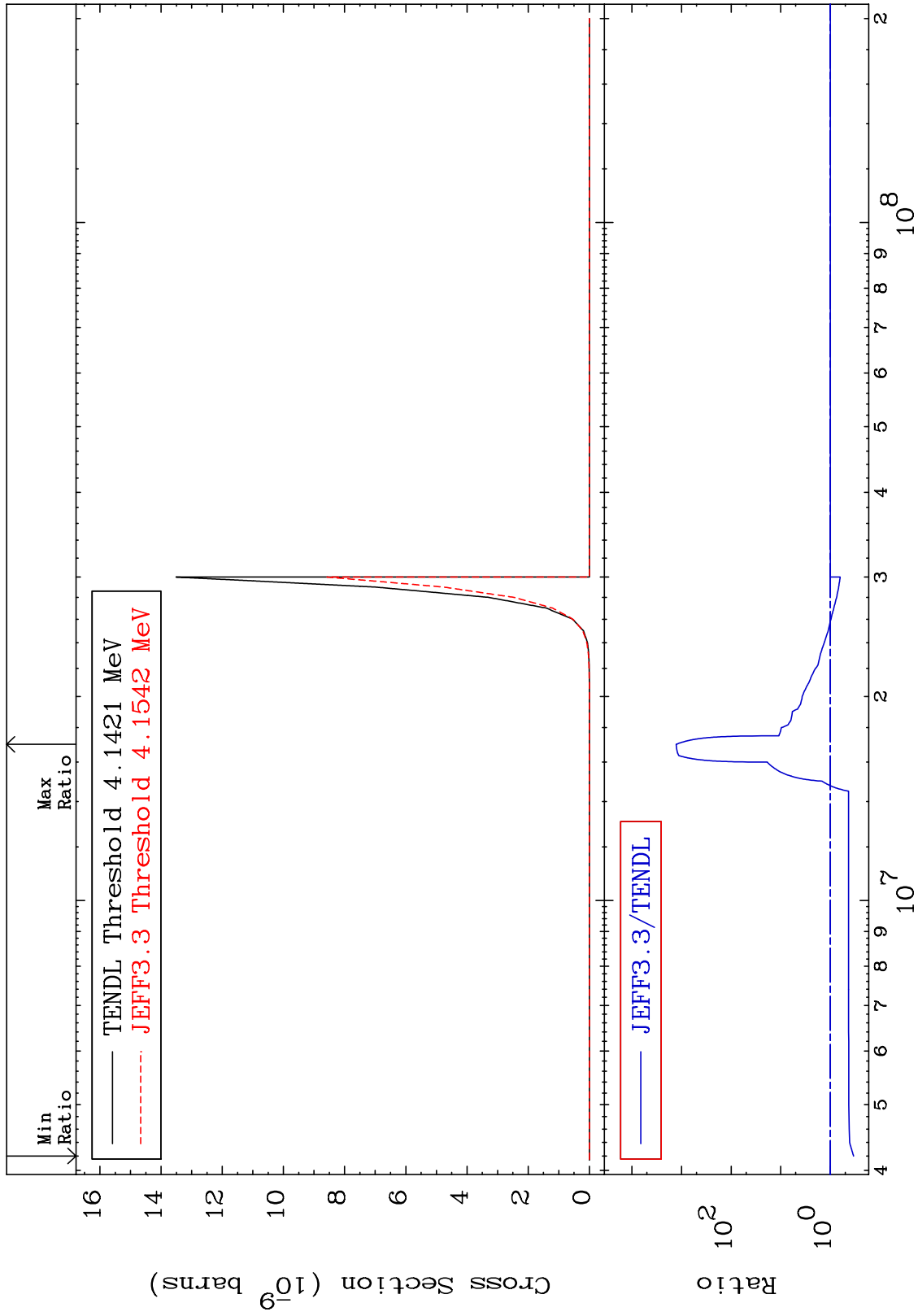
MAT 6649

(n,p) α

66-Dy-164

Cross Section

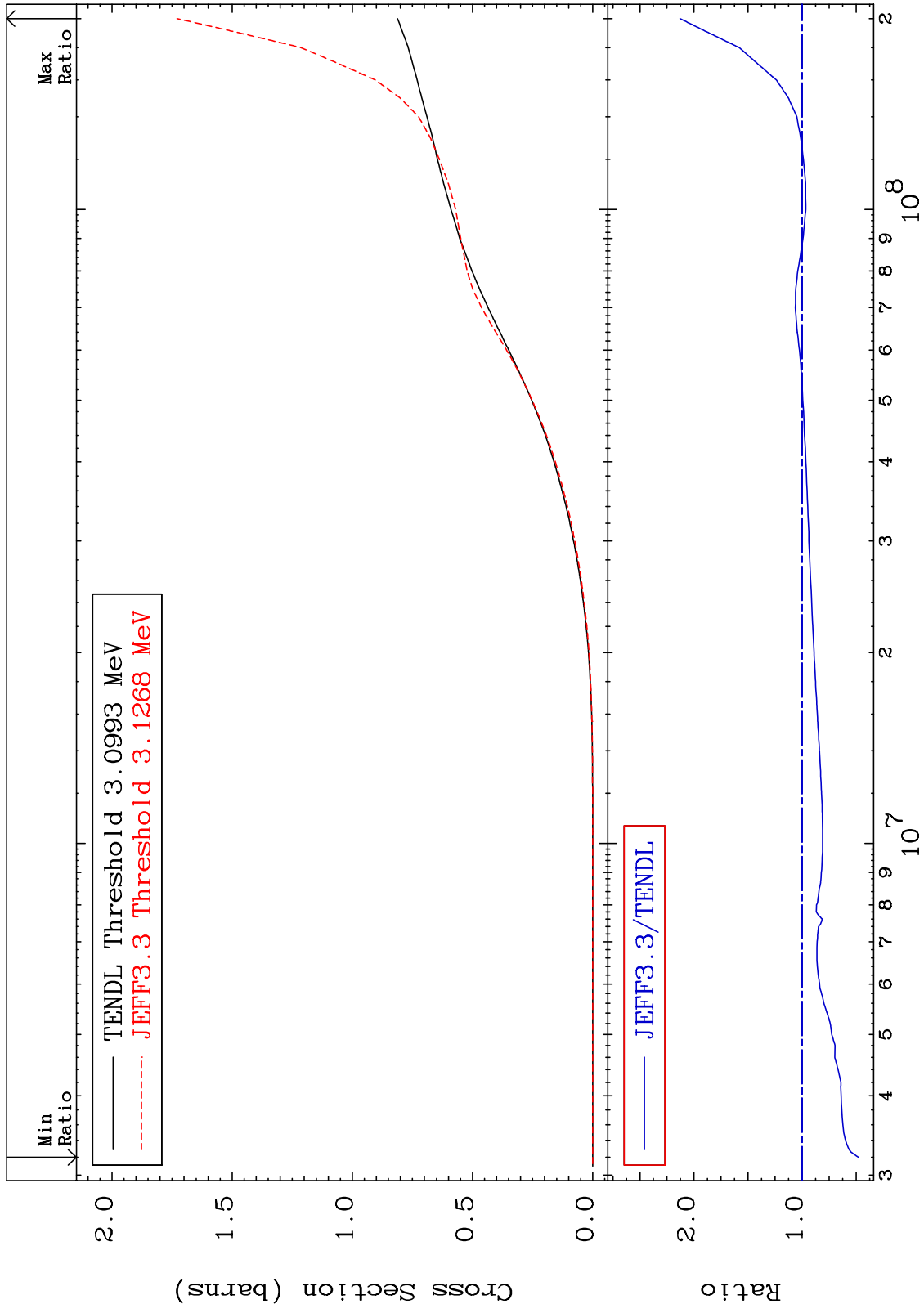
-65.92 To 9999. %



MAT 6649

Hydrogen Production
Cross Section

66-Dy-164
-51.99 To 112.9 %



57

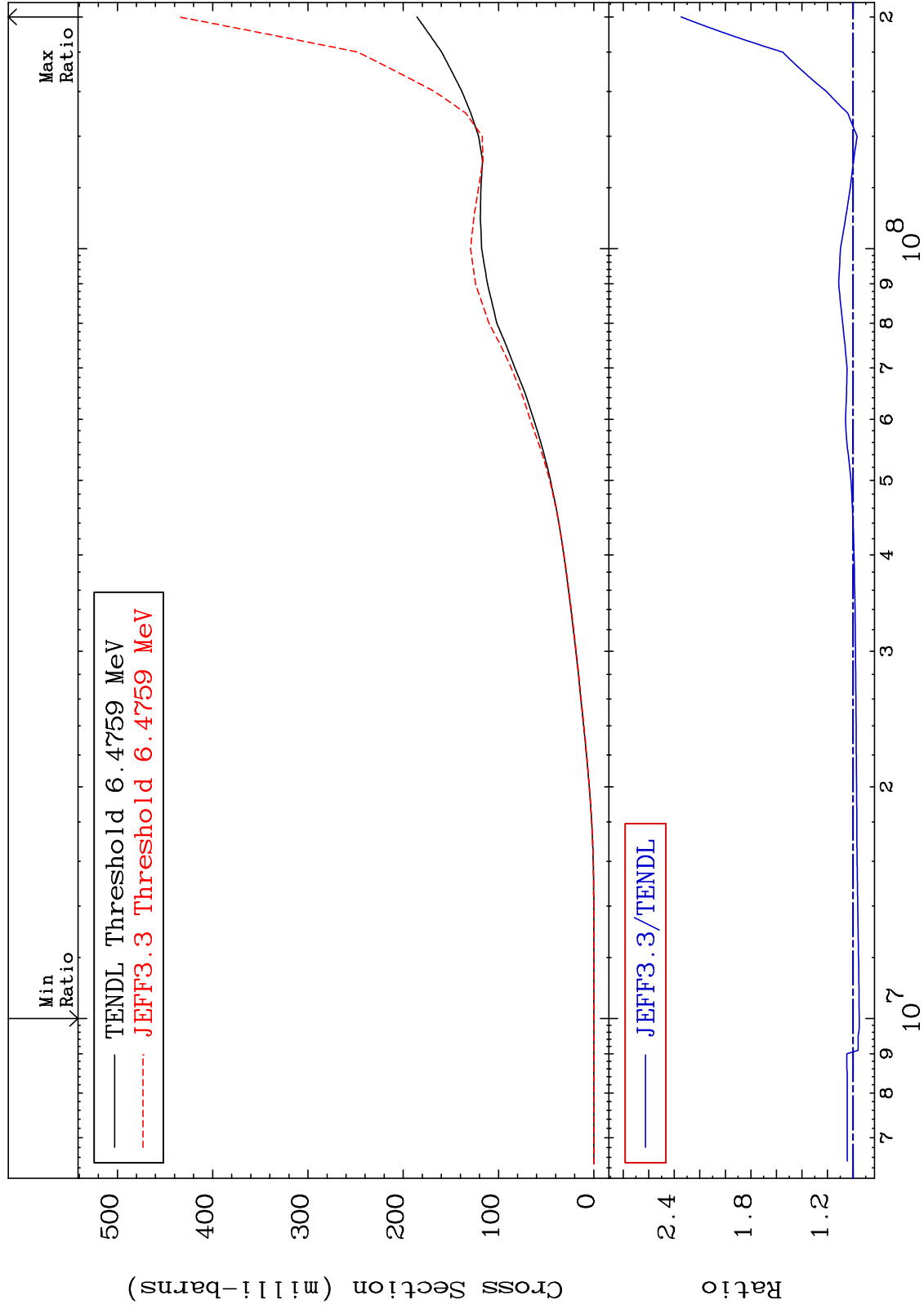
Incident Energy (eV)

66-Dy-164

MAT 6649

Deuterium Production
Cross Section

66-Dy-164
-4.892 To 134.7 %



58

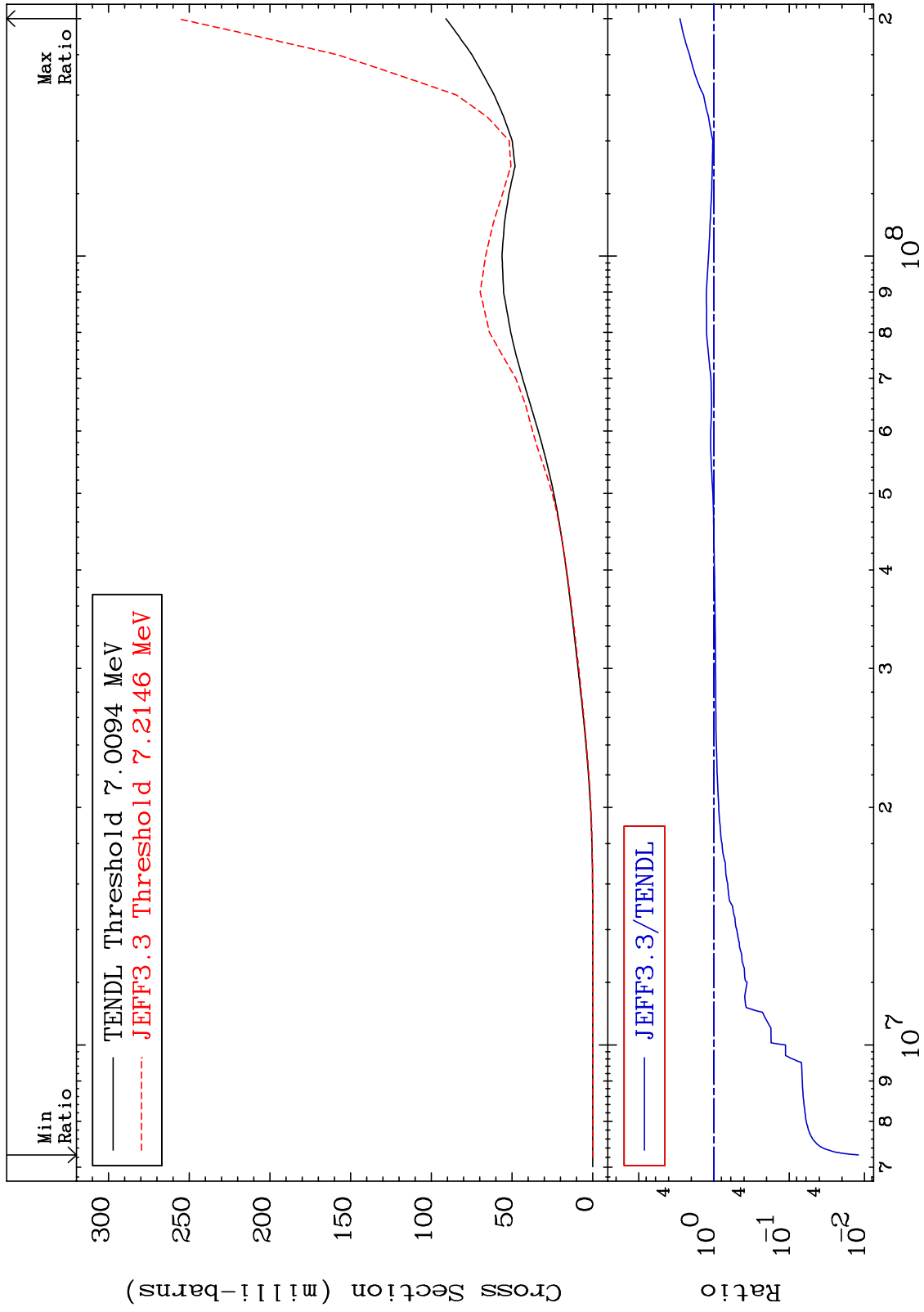
Incident Energy (eV)

66-Dy-164

MAT 6649

Tritium Production
Cross Section

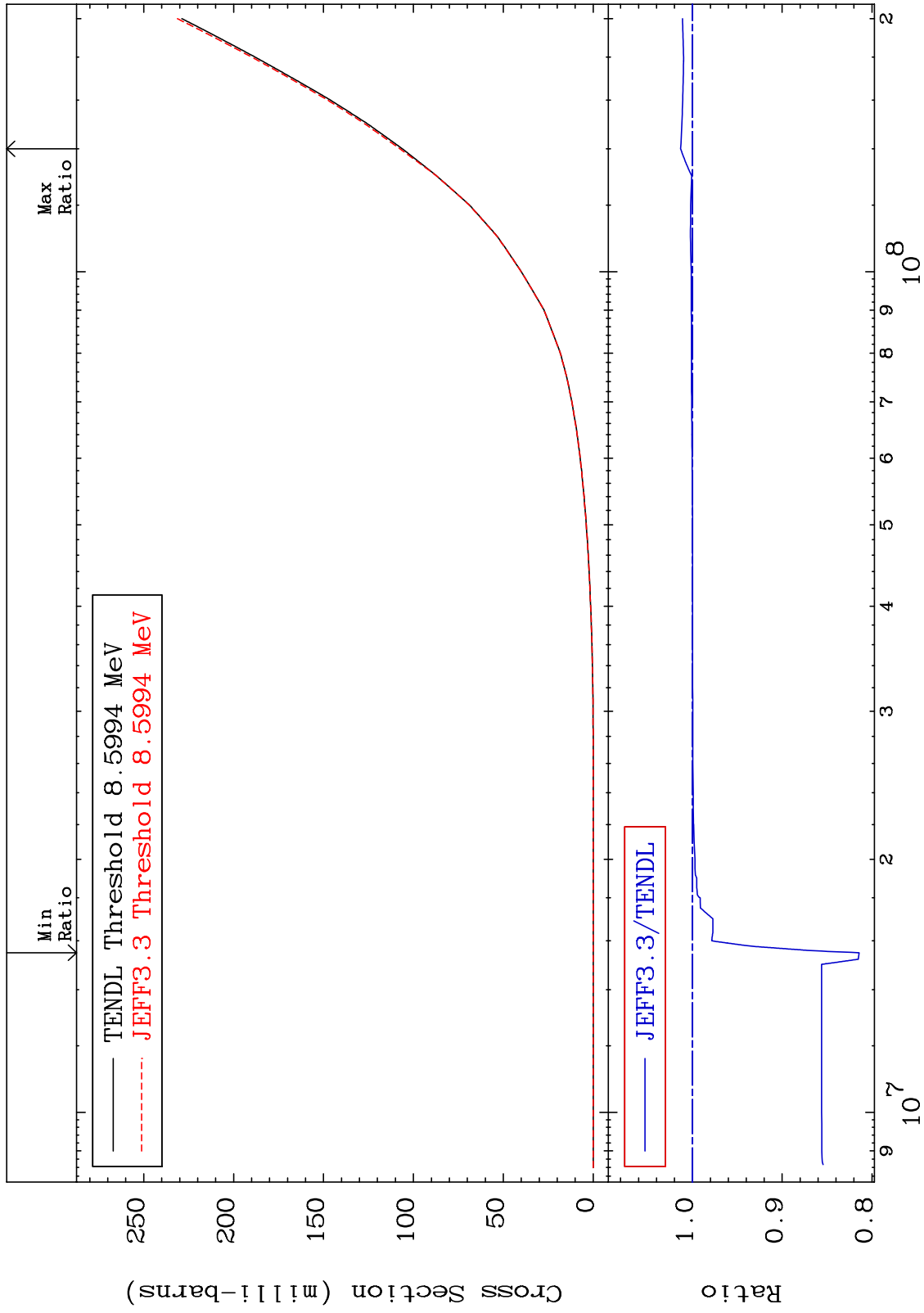
66-Dy-164
-98.79 To 183.0 %



MAT 6649

He-3 Production
Cross Section

66-Dy-164
-18.58 To 1.313 %



60

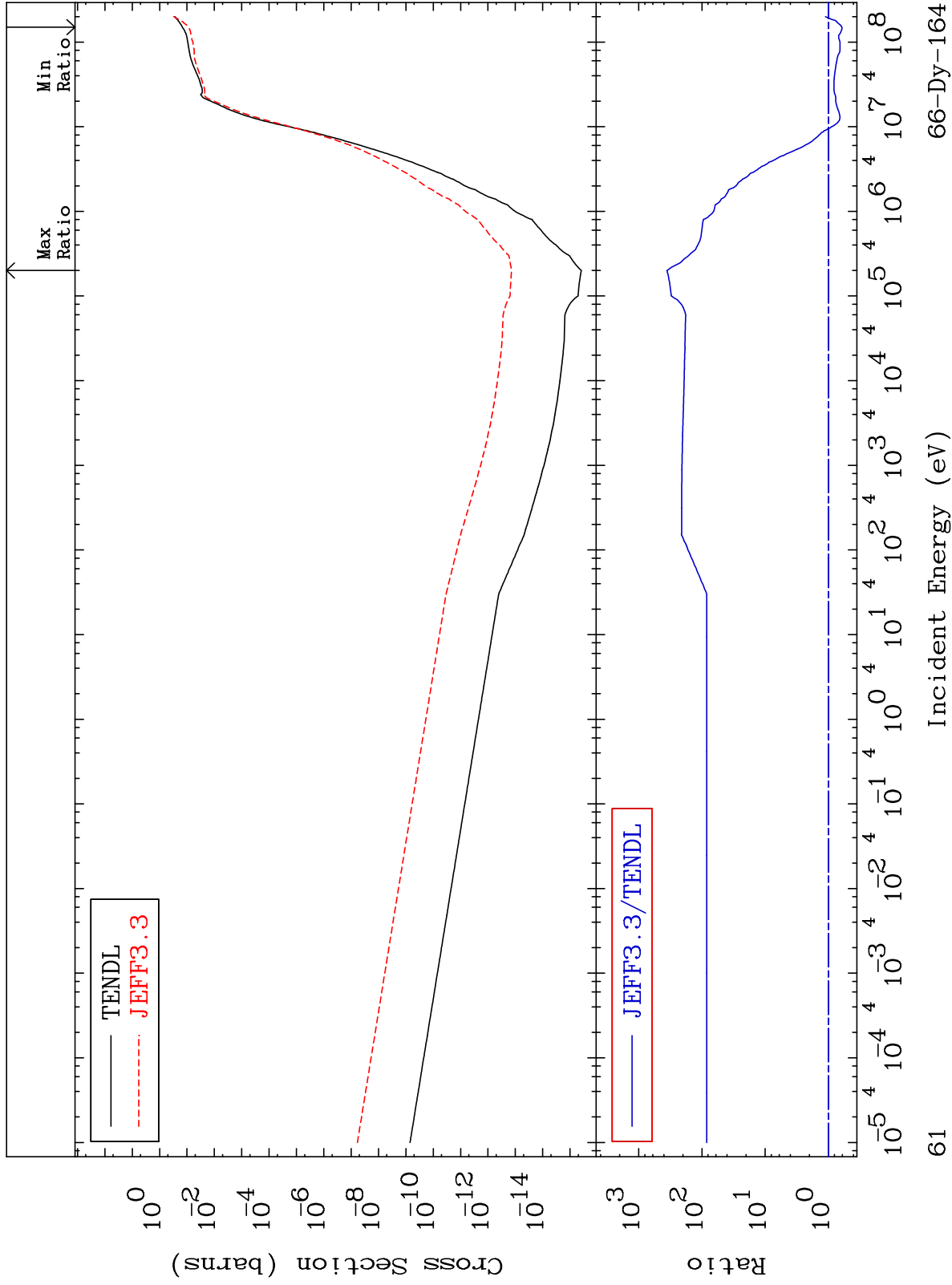
Incident Energy (eV)

66-Dy-164

MAT 6649

He-4 Production
Cross Section

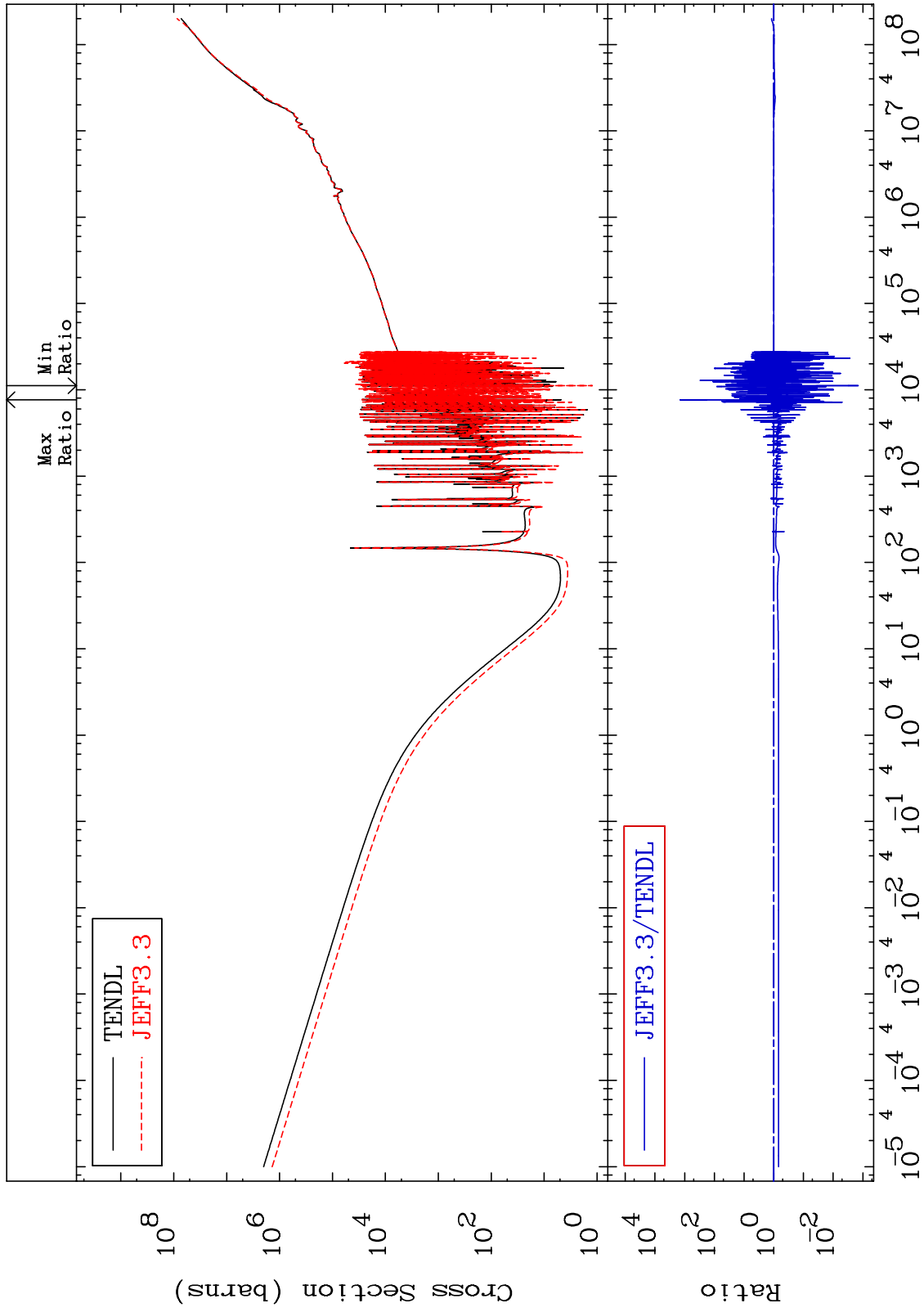
66-Dy-164
-39.01 To 9999. %



MAT 6649

Kerma total (eV-barns)
Cross Section

66-Dy-164
-99.86 To 9999. %



62

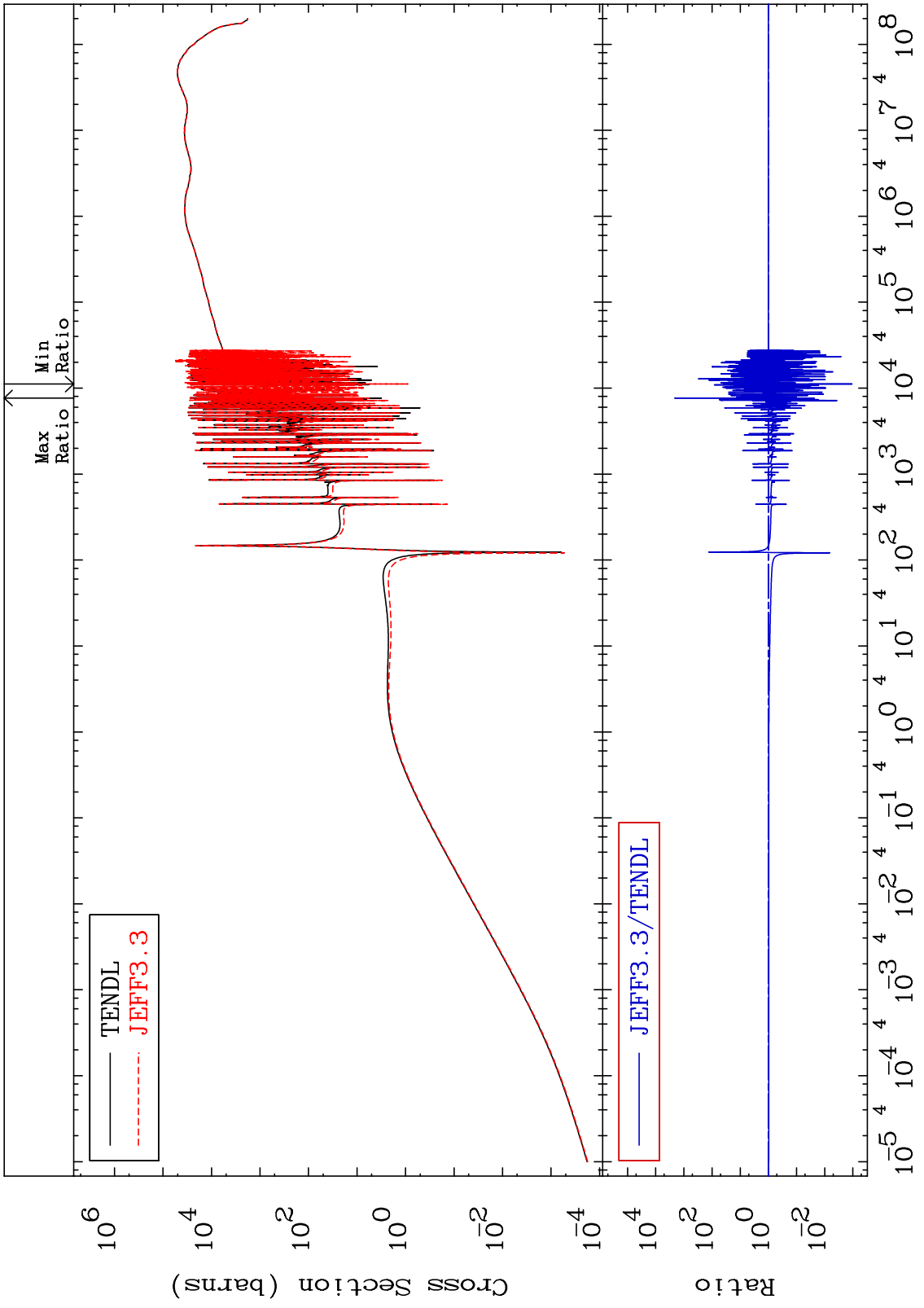
Incident Energy (eV)

66-Dy-164

MAT 6649

Kerma elastic
Cross Section

66-Dy-164
-99.89 To 9999. %



63

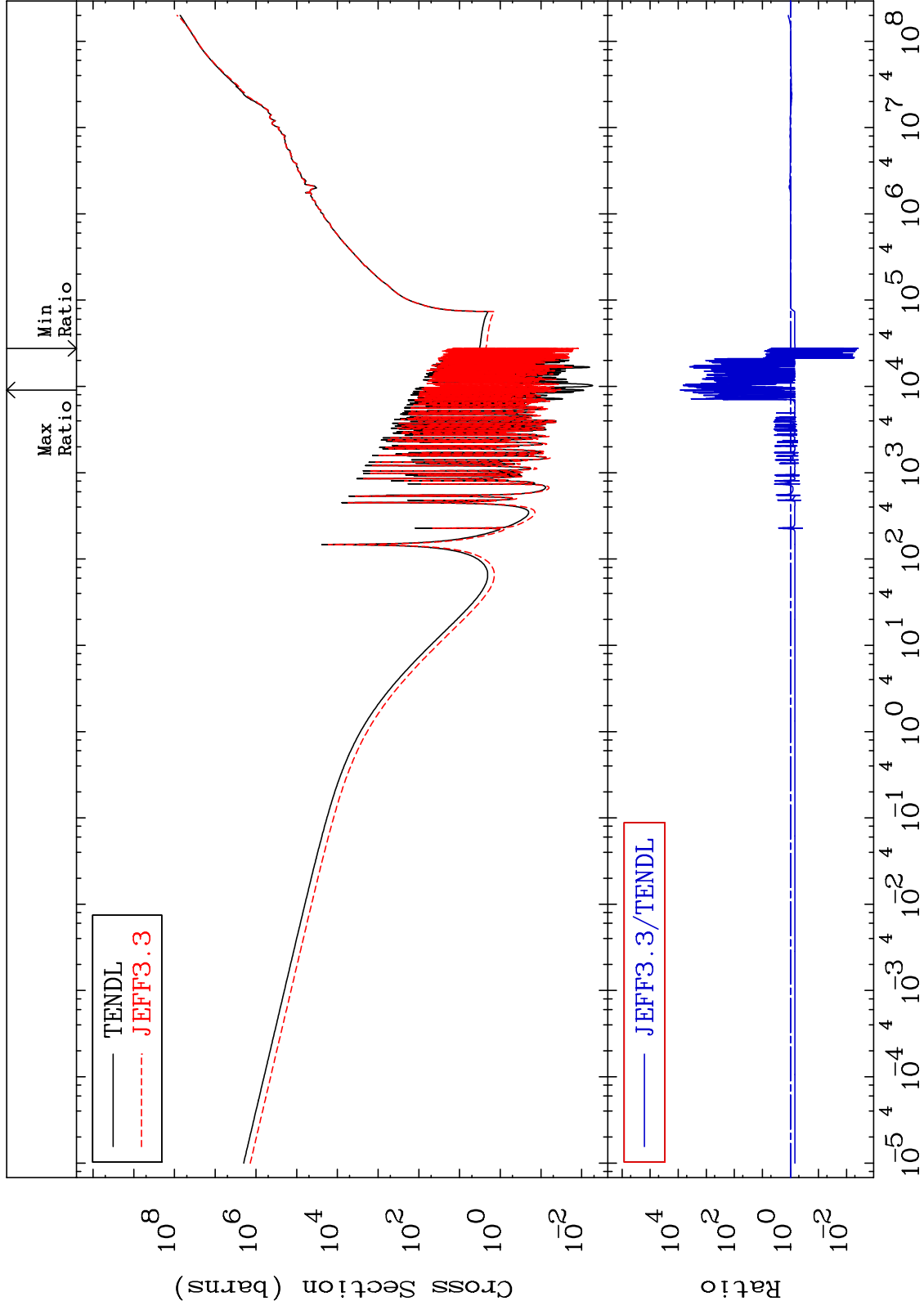
Incident Energy (eV)

66-Dy-164

MAT 6649

Kerma non-elastic (all but mt2)
Cross Section

66-Dy-164
-99.62 To 9999. %



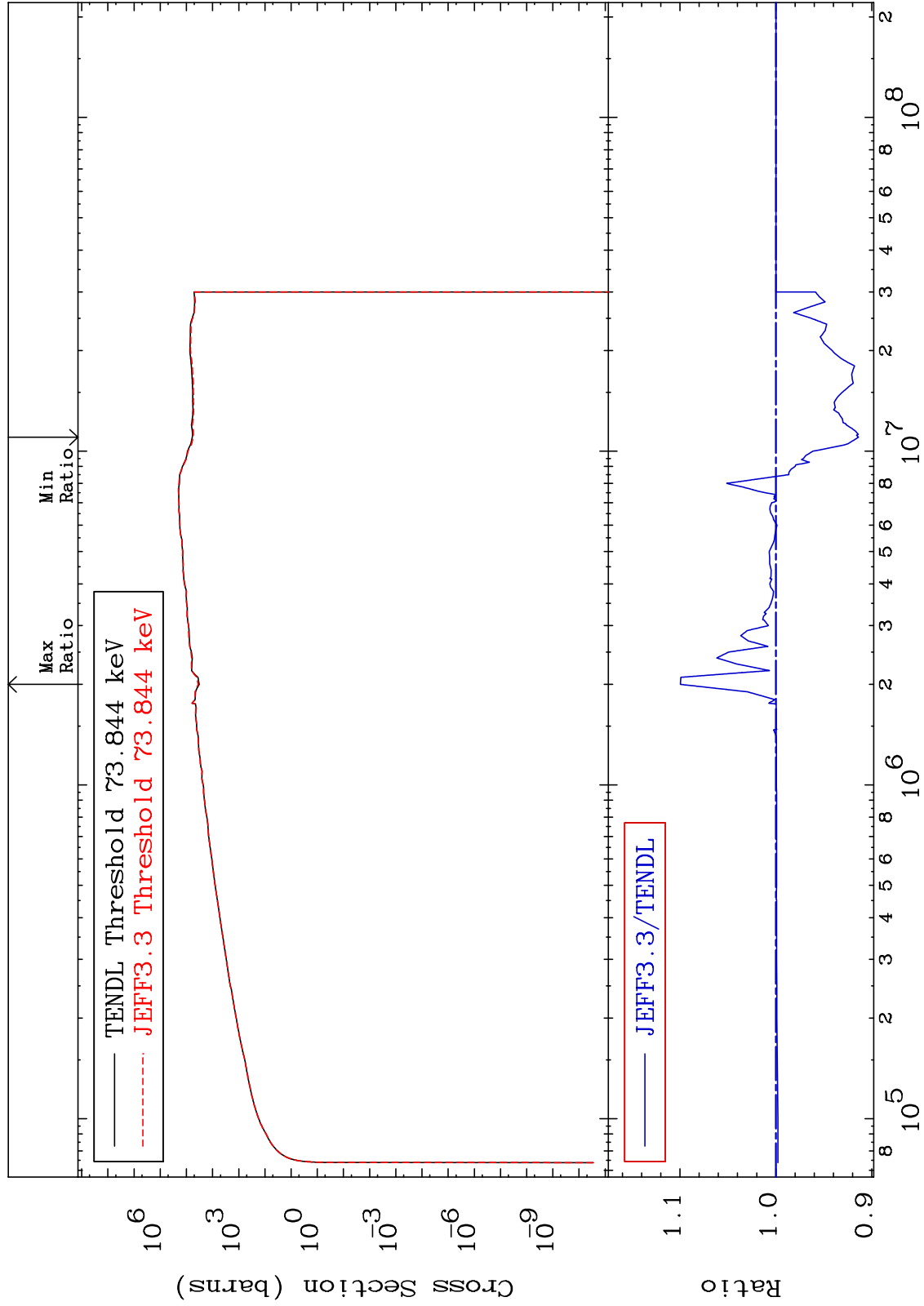
MAT 6649

Kerma inelastic (mt51-91)

66-Dy-164

-8.613 To 9.950 %

Cross Section



65

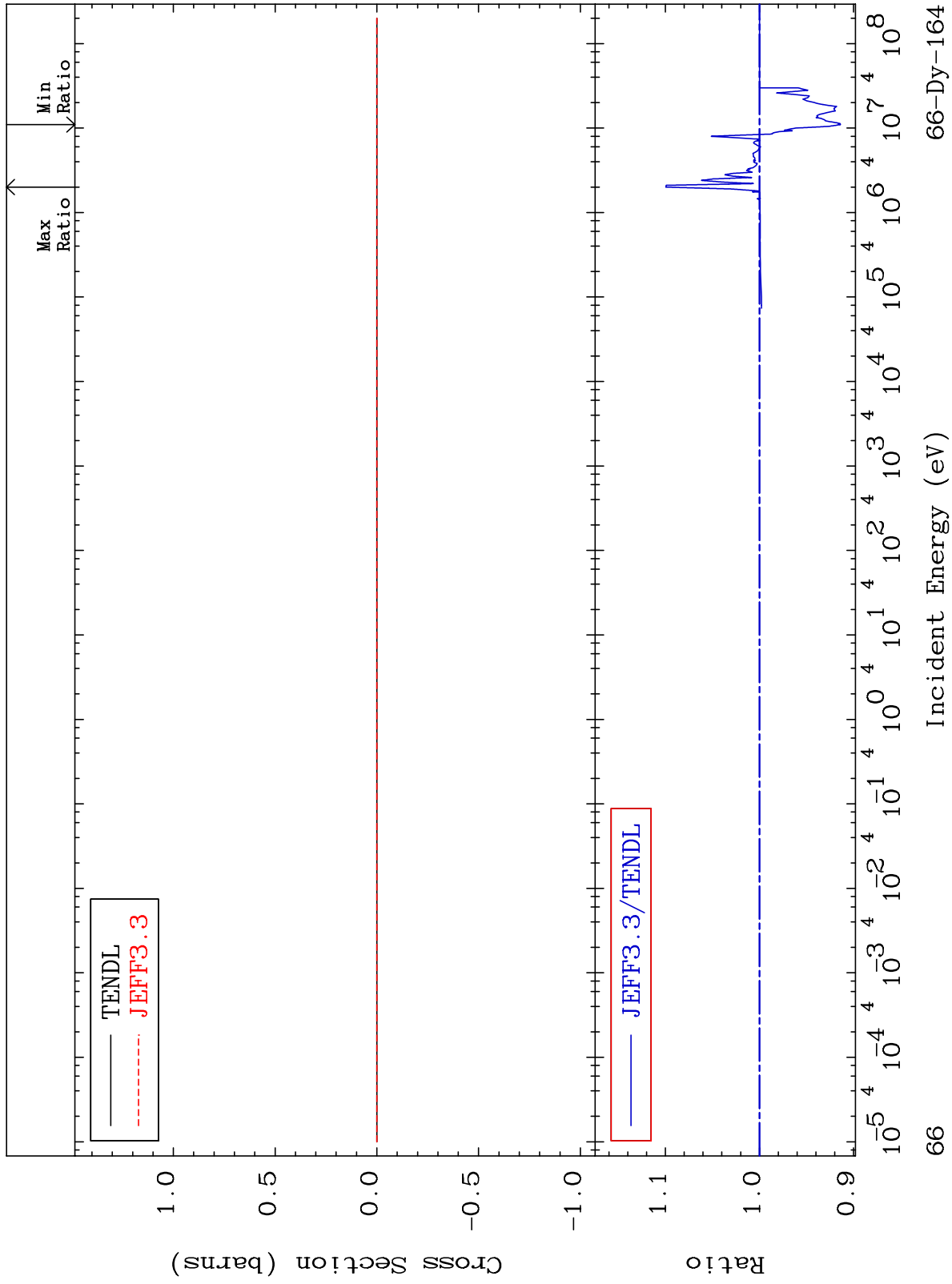
Incident Energy (eV)

66-Dy-164

MAT 6649

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

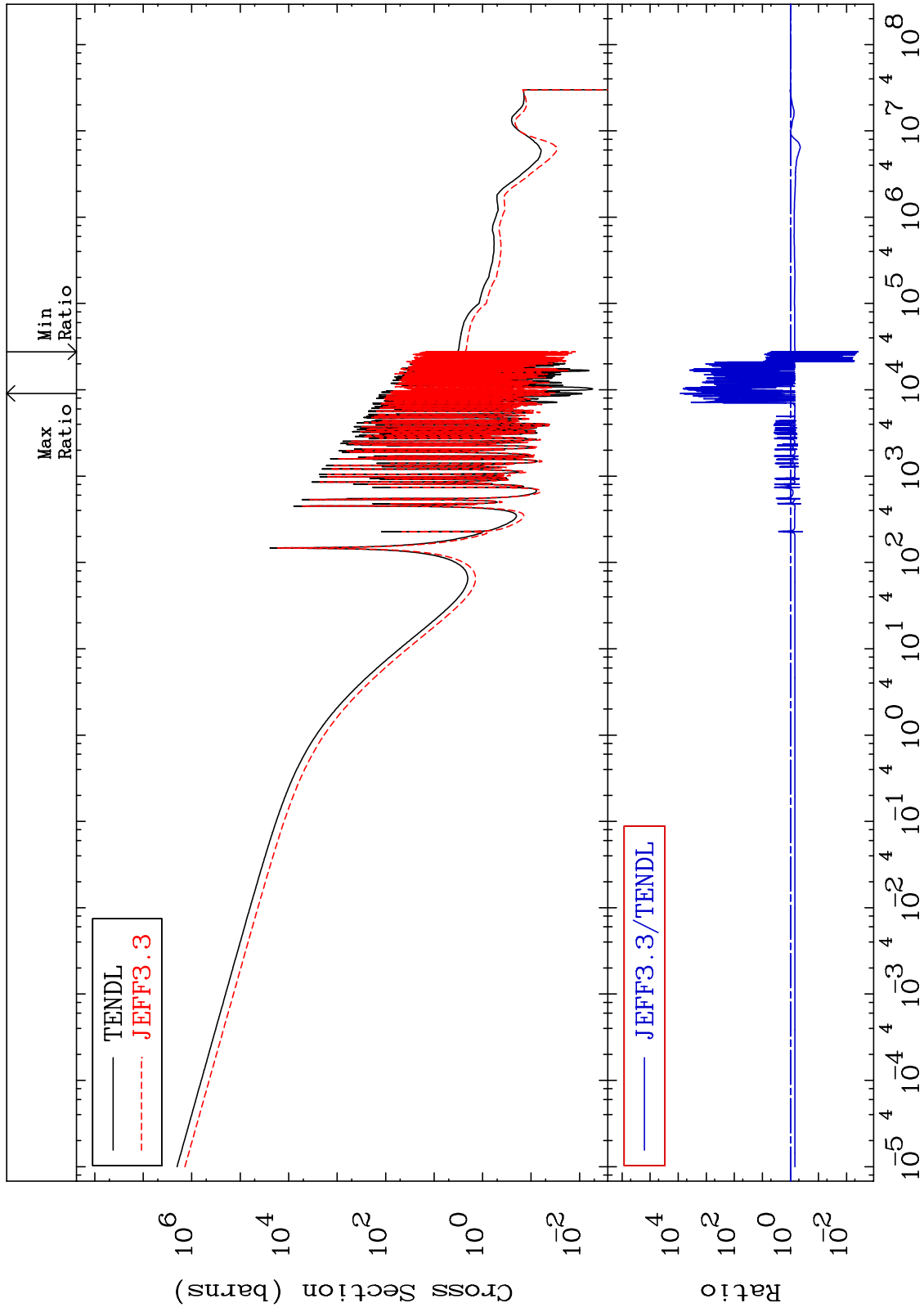
66-Dy-164
-8.613 To 9.950 %



MAT 6649

Kerma capture (mt102)
Cross Section

66-Dy-164
-99.62 To 9999. %



67

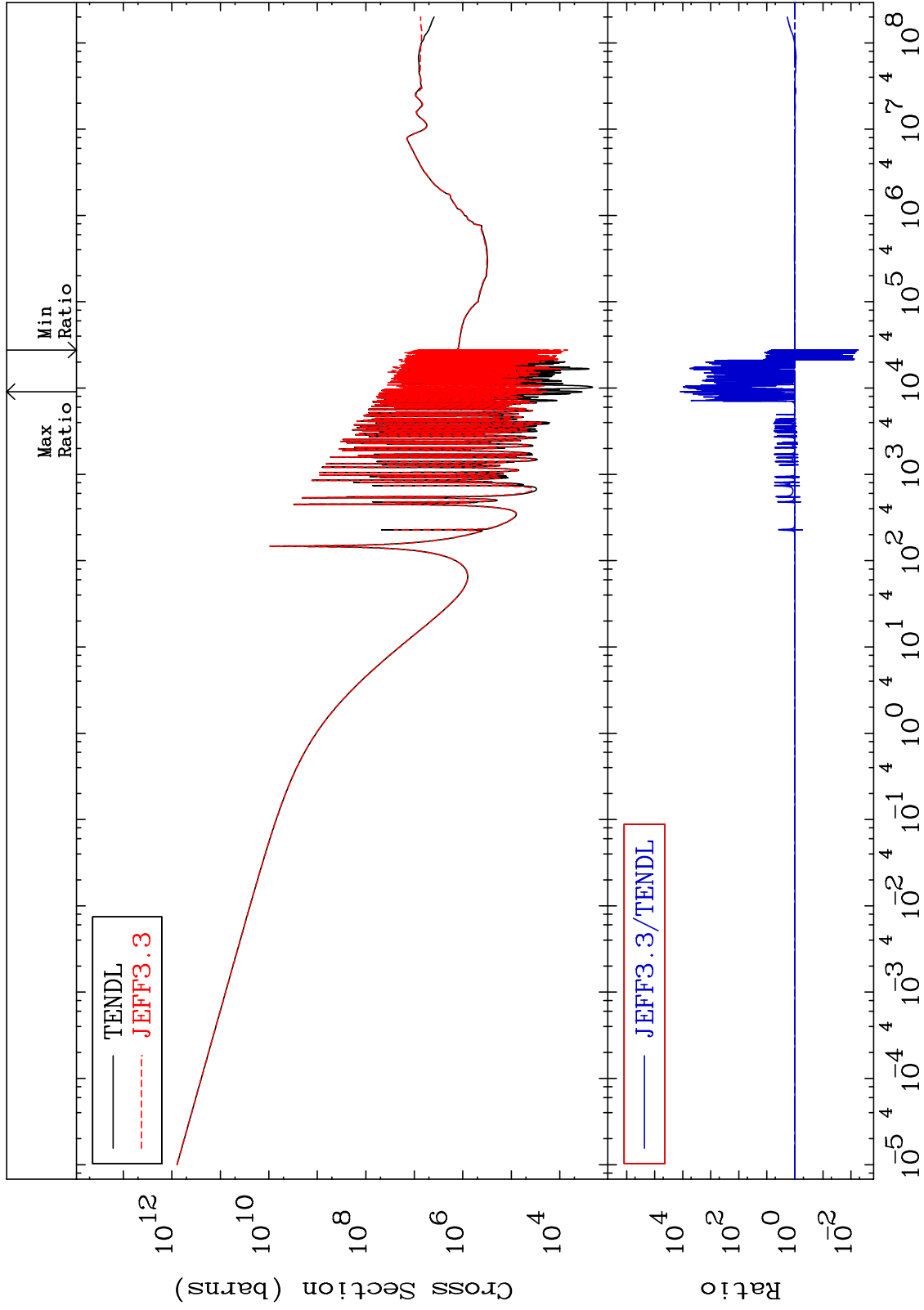
Incident Energy (eV)

66-Dy-164

MAT 6649

Total photon (eV-barns)
Cross Section

66-Dy-164
-99.46 To 9999. %



68

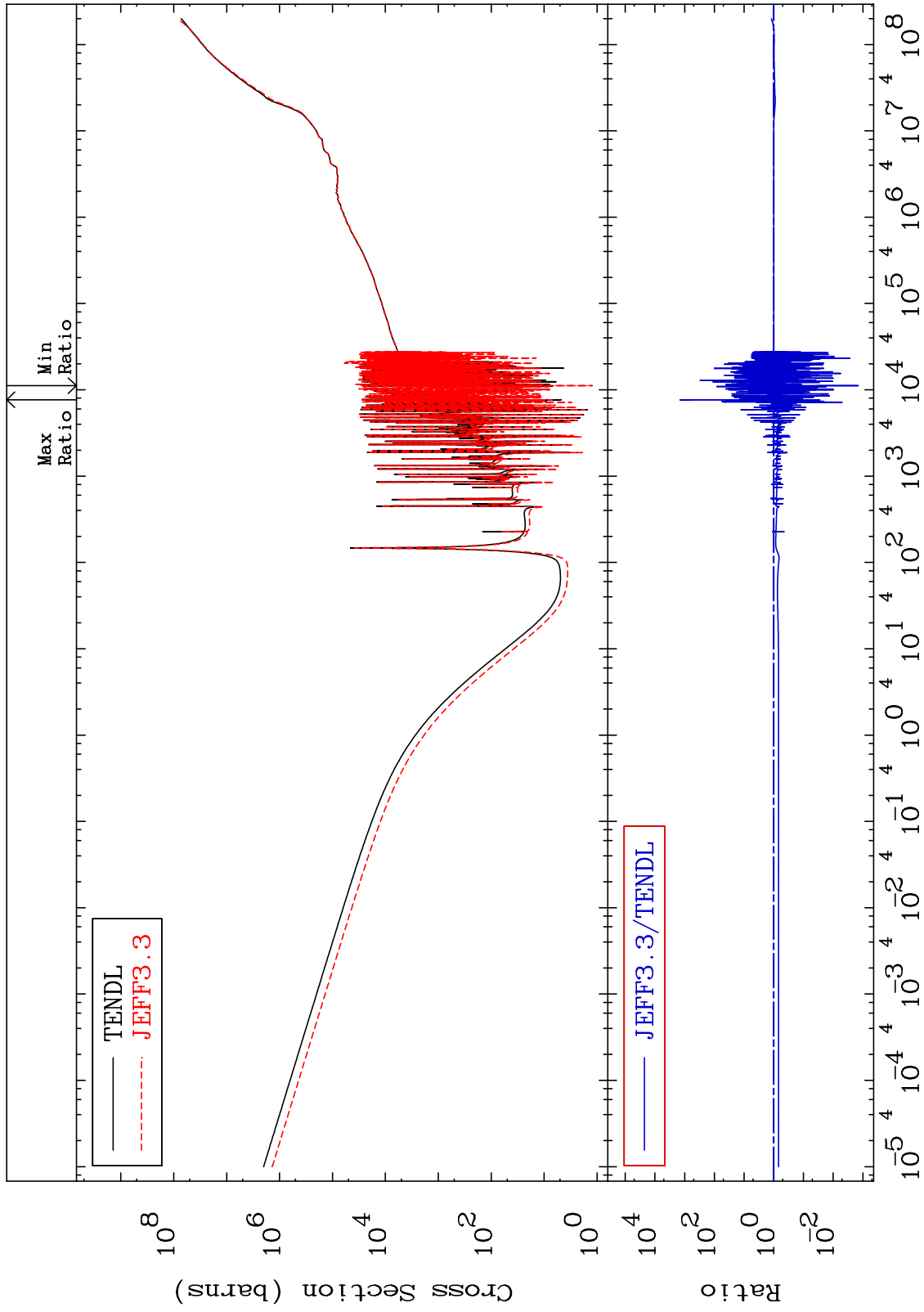
Incident Energy (eV)

66-Dy-164

MAT 6649

Total kinematic kerma (high limit)
Cross Section

66-Dy-164
-99.86 To 9999. %



69

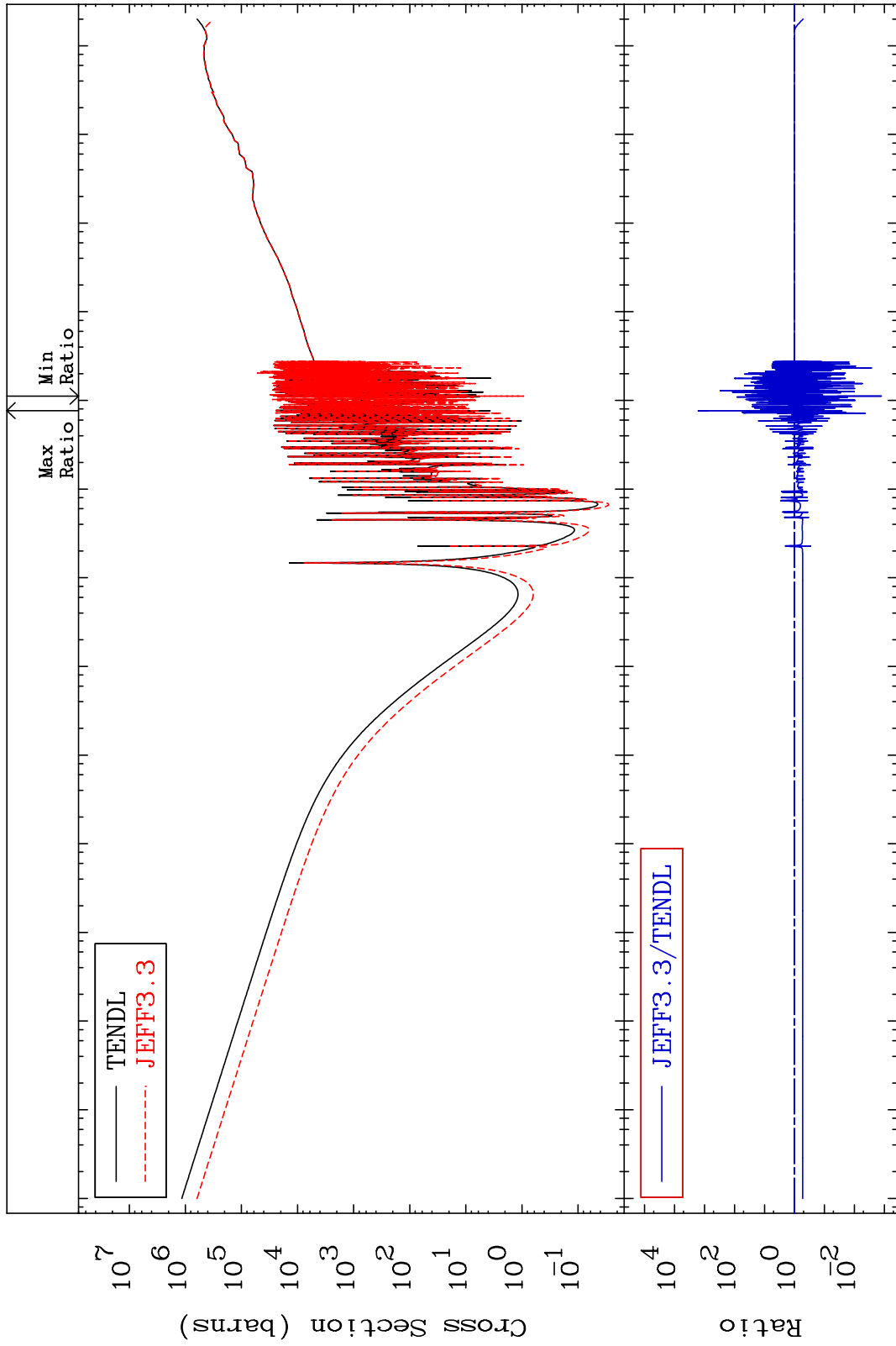
Incident Energy (eV)

66-Dy-164

MAT 6649

Dpa total (eV-barns)
Cross Section

66-Dy-164
-99.88 To 9999. %



70

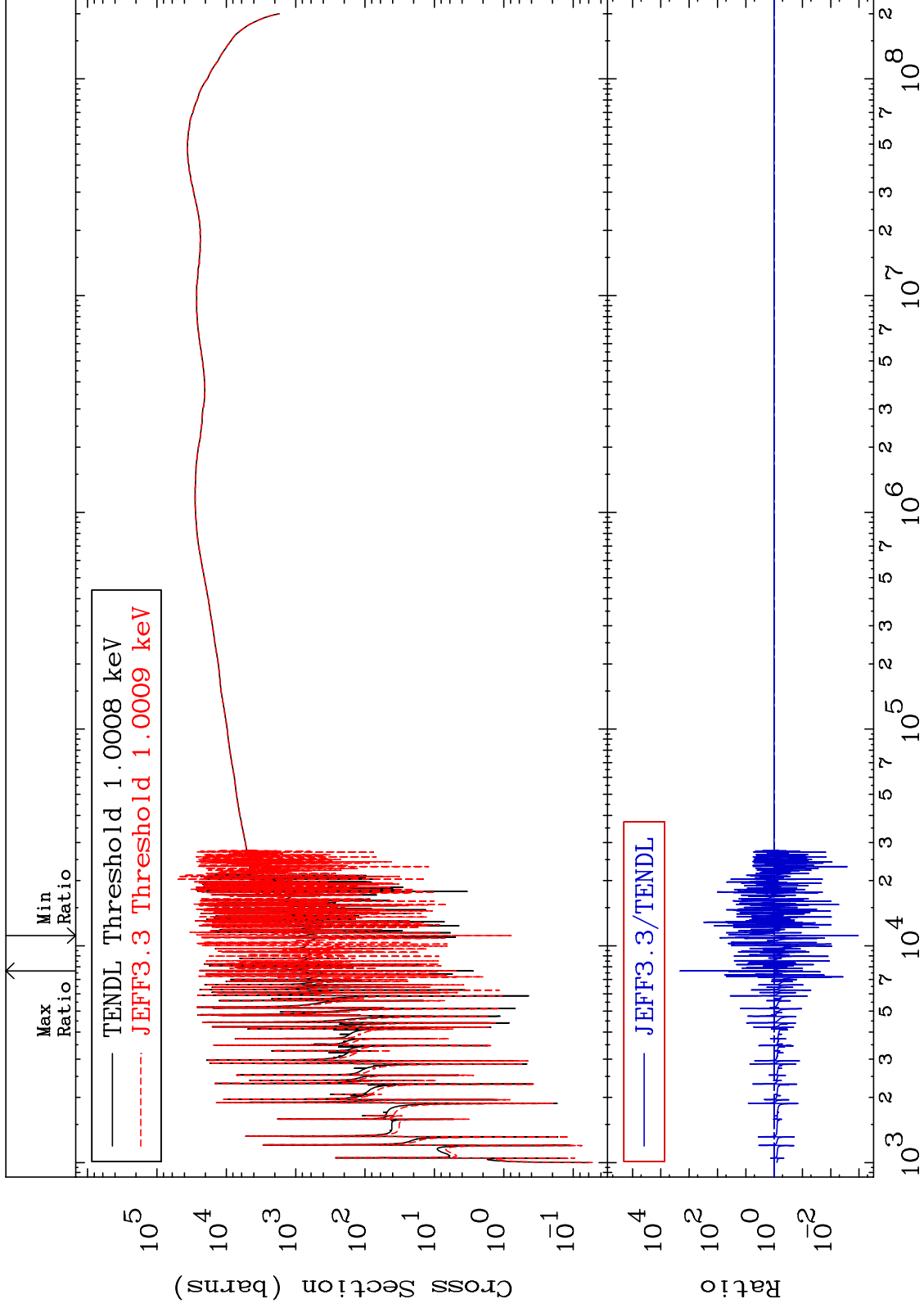
Incident Energy (eV)

66-Dy-164

MAT 6649

Dpa elastic (mt2)
Cross Section

66-Dy-164
-99.89 To 9999. %



71

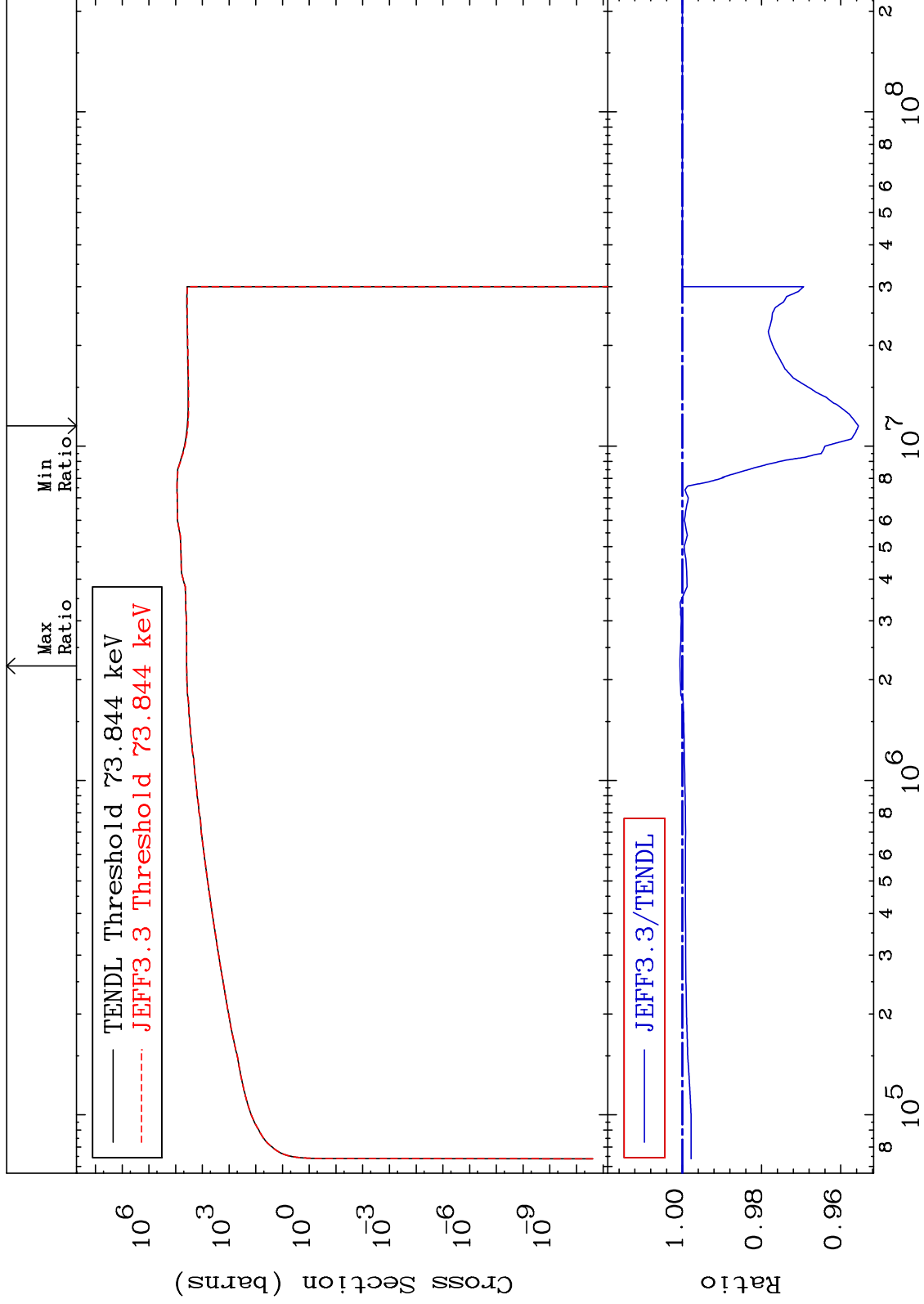
Incident Energy (eV)

66-Dy-164

MAT 6649

Dpa inelastic (mt51-91)
Cross Section

66-Dy-164
-4.445 To 0.060 %



72

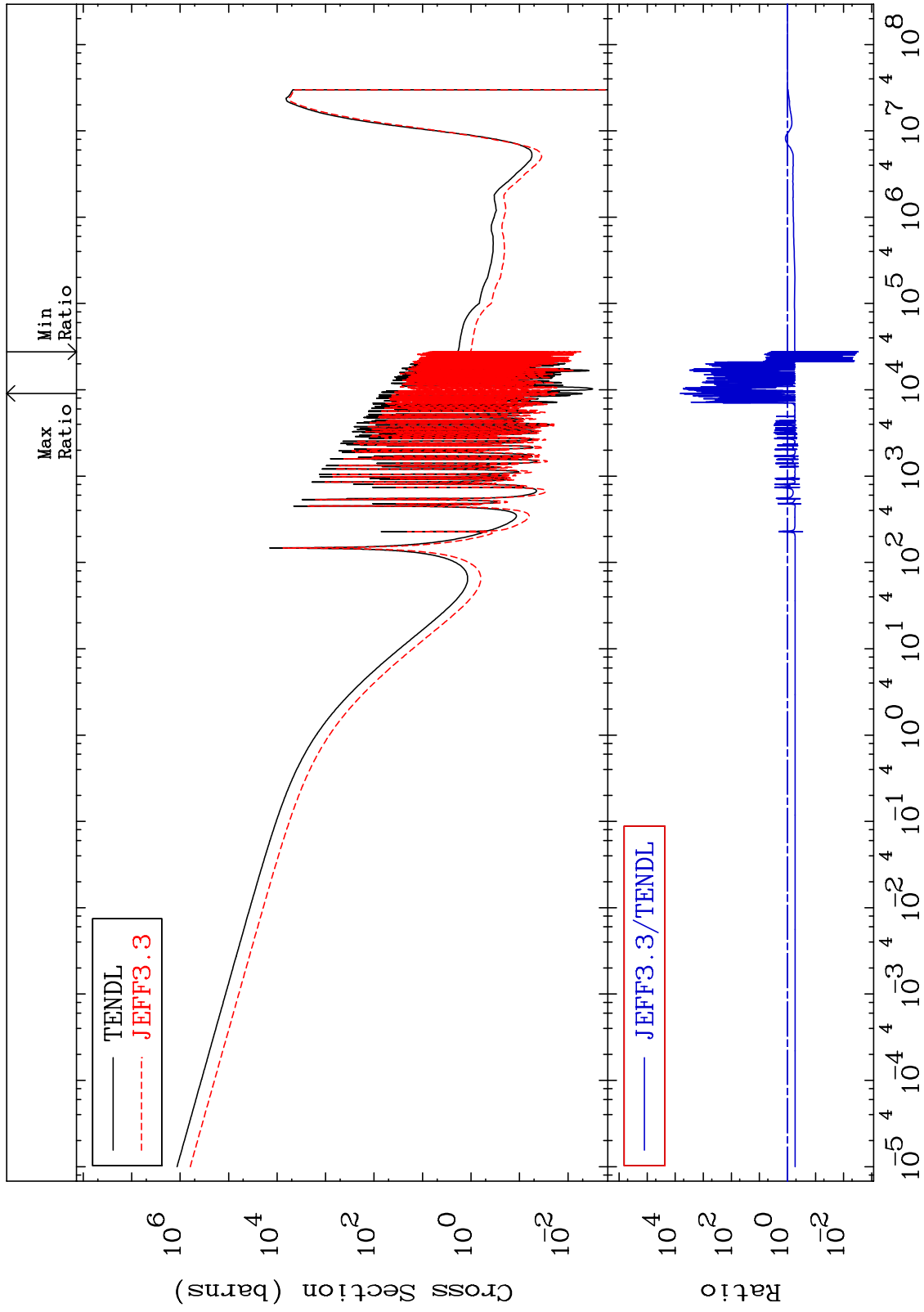
Incident Energy (eV)

66-Dy-164

MAT 6649

Dpa disappearance (mt102 -120)
Cross Section

66-Dy-164
-99.70 To 9999. %



73

Incident Energy (eV)

66-Dy-164