

Program Complot
(Version 2018-1)

by

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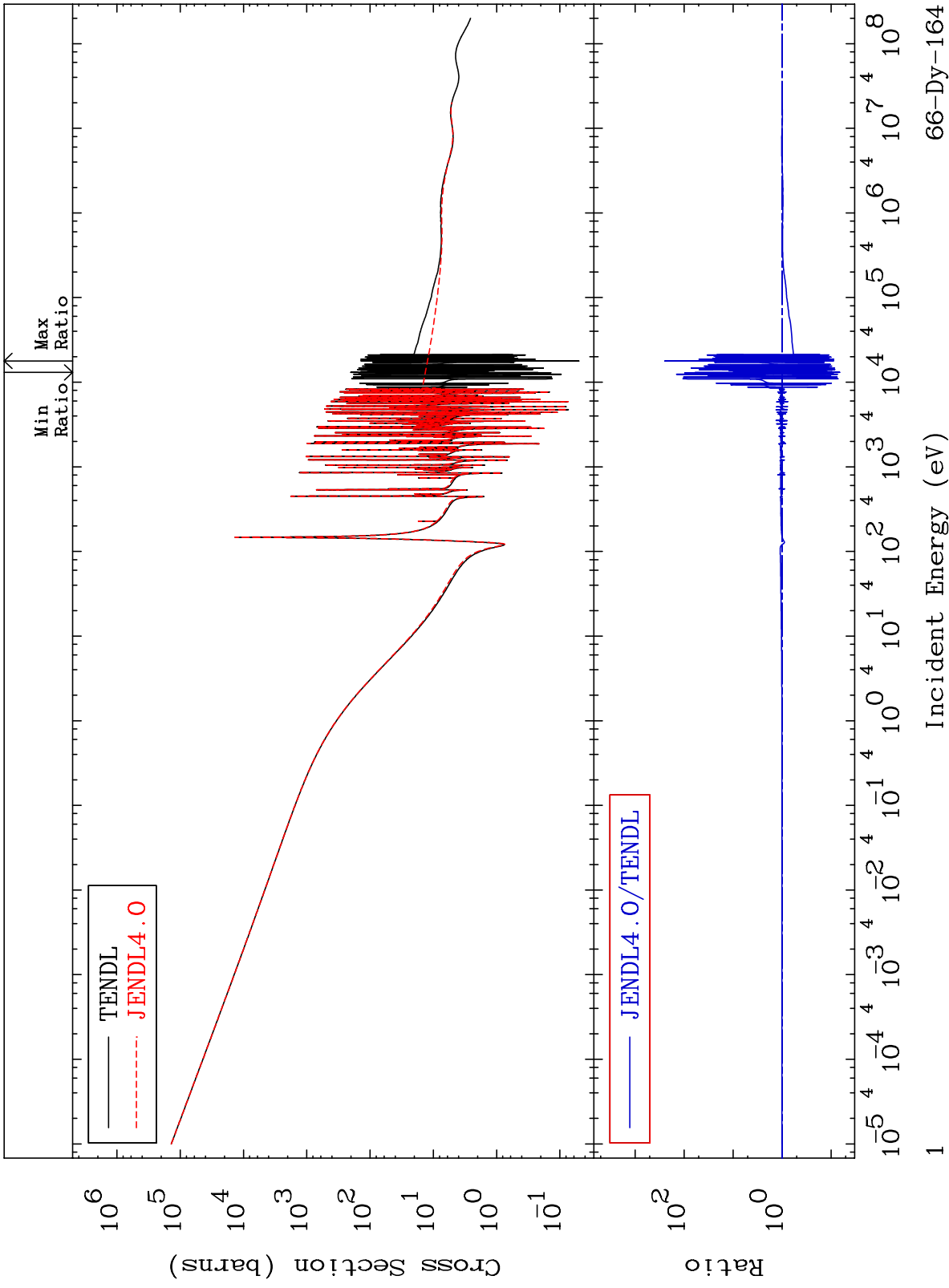
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6649

Total
Cross Section

66-Dy-164
-93.36 To 9999. %

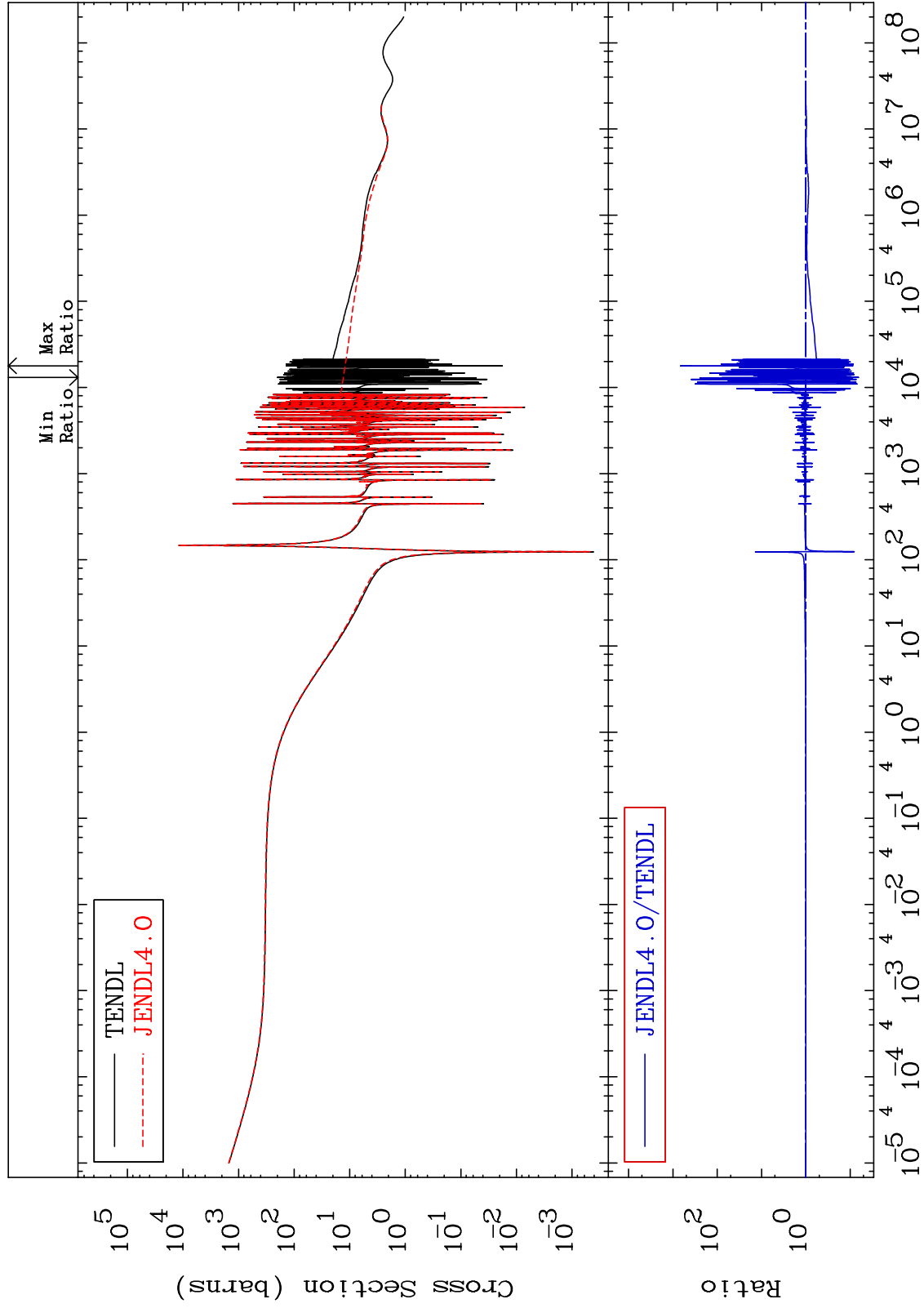


66-Dy-164

MAT 6649

Elastic
Cross Section

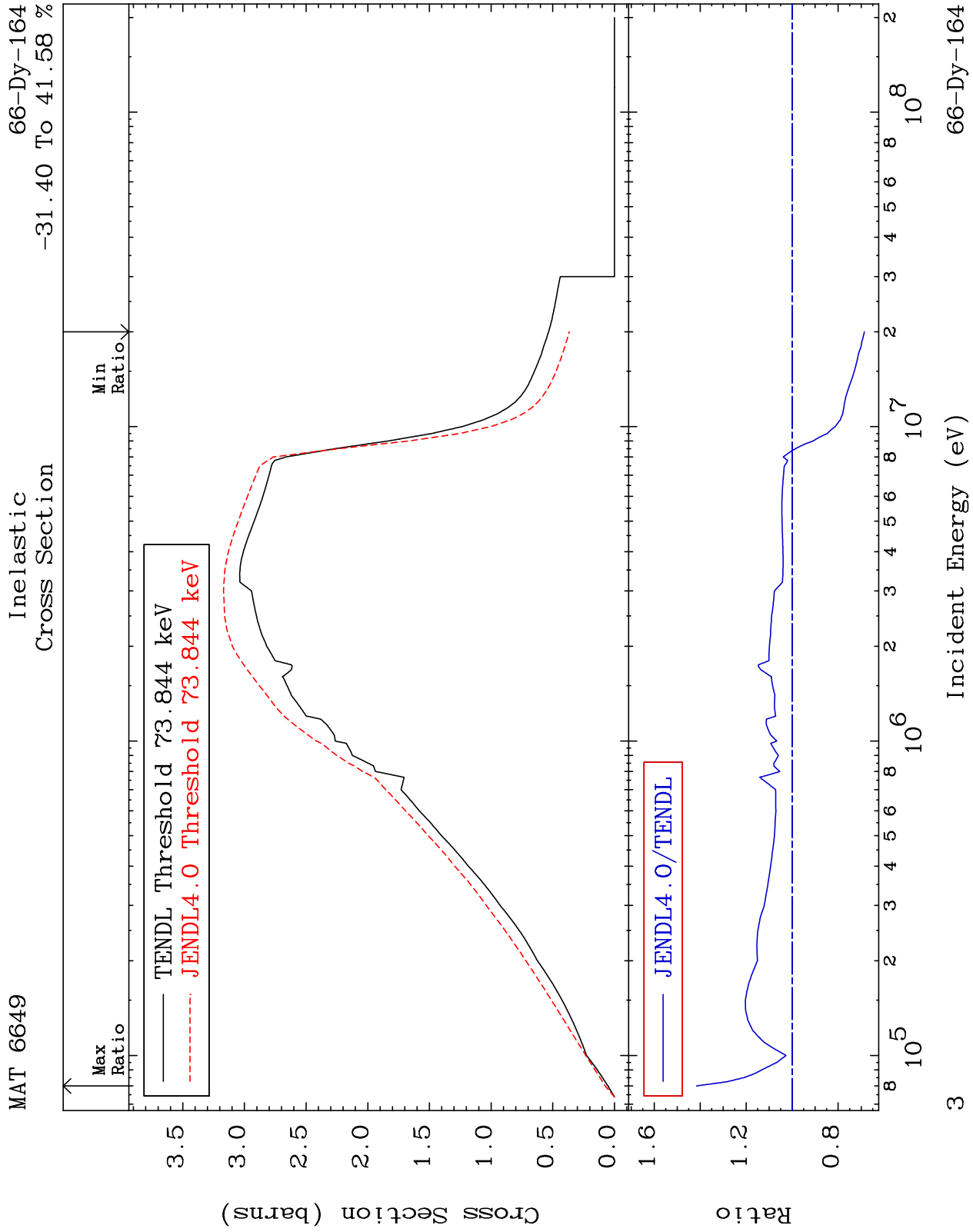
66-Dy-164
-93.50 To 9999. %



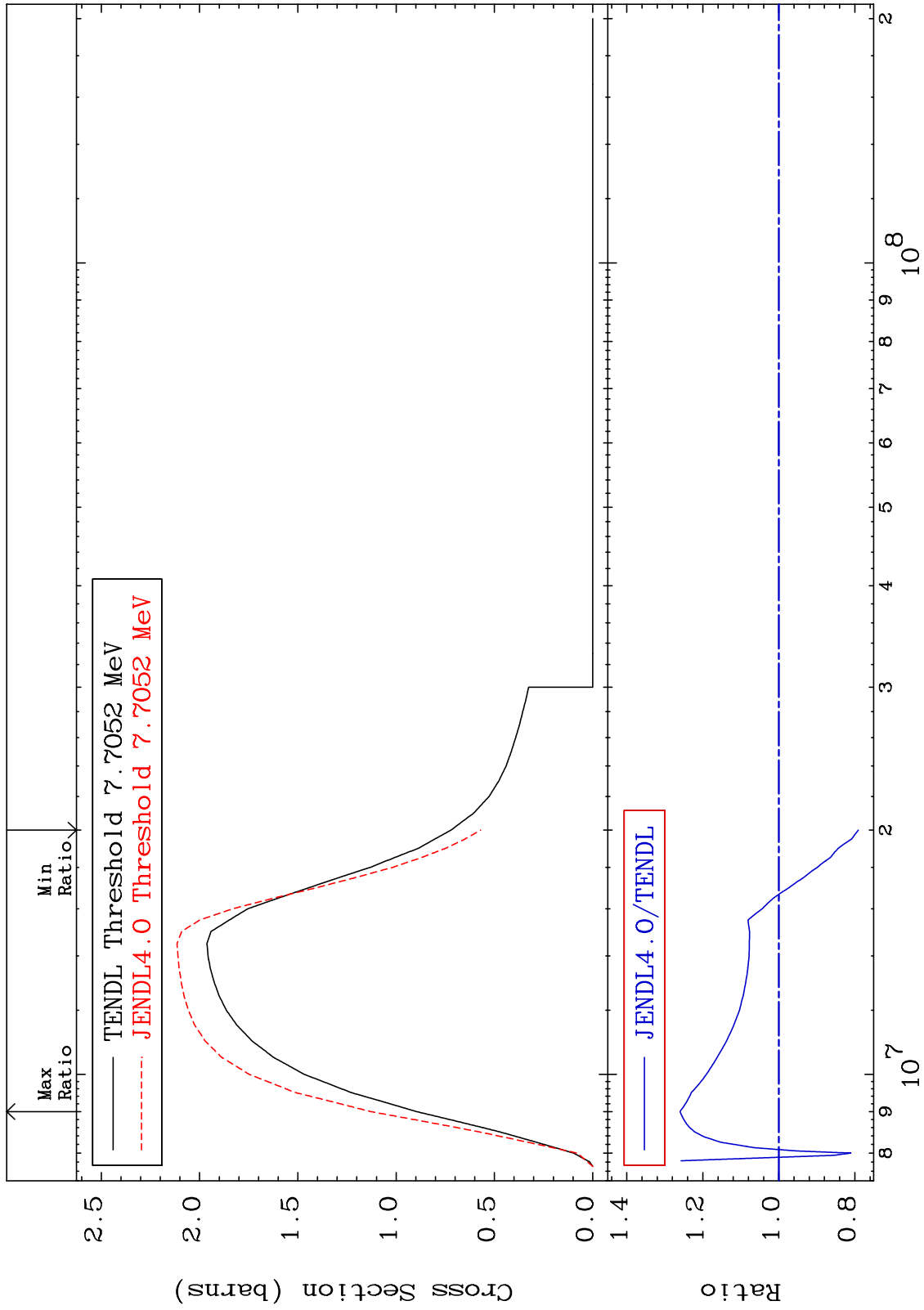
2

Incident Energy (eV)

66-Dy-164



MAT 6649 (n,2n) Cross Section 66-Dy-164 -20.94 To 26.00 %



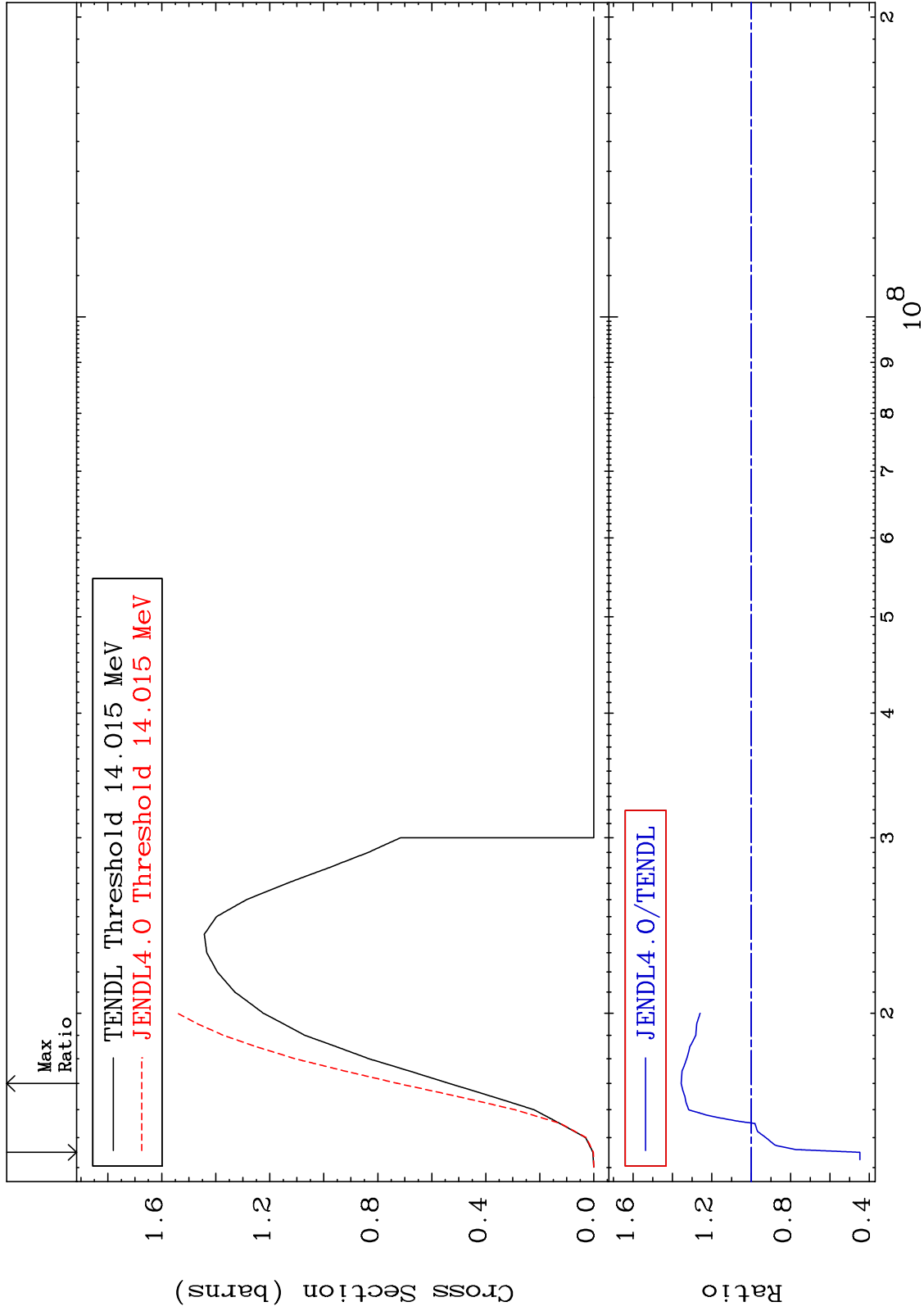
MAT 6649

(n,3n)

66-Dy-164

Cross Section

-55.21 To 35.55 %



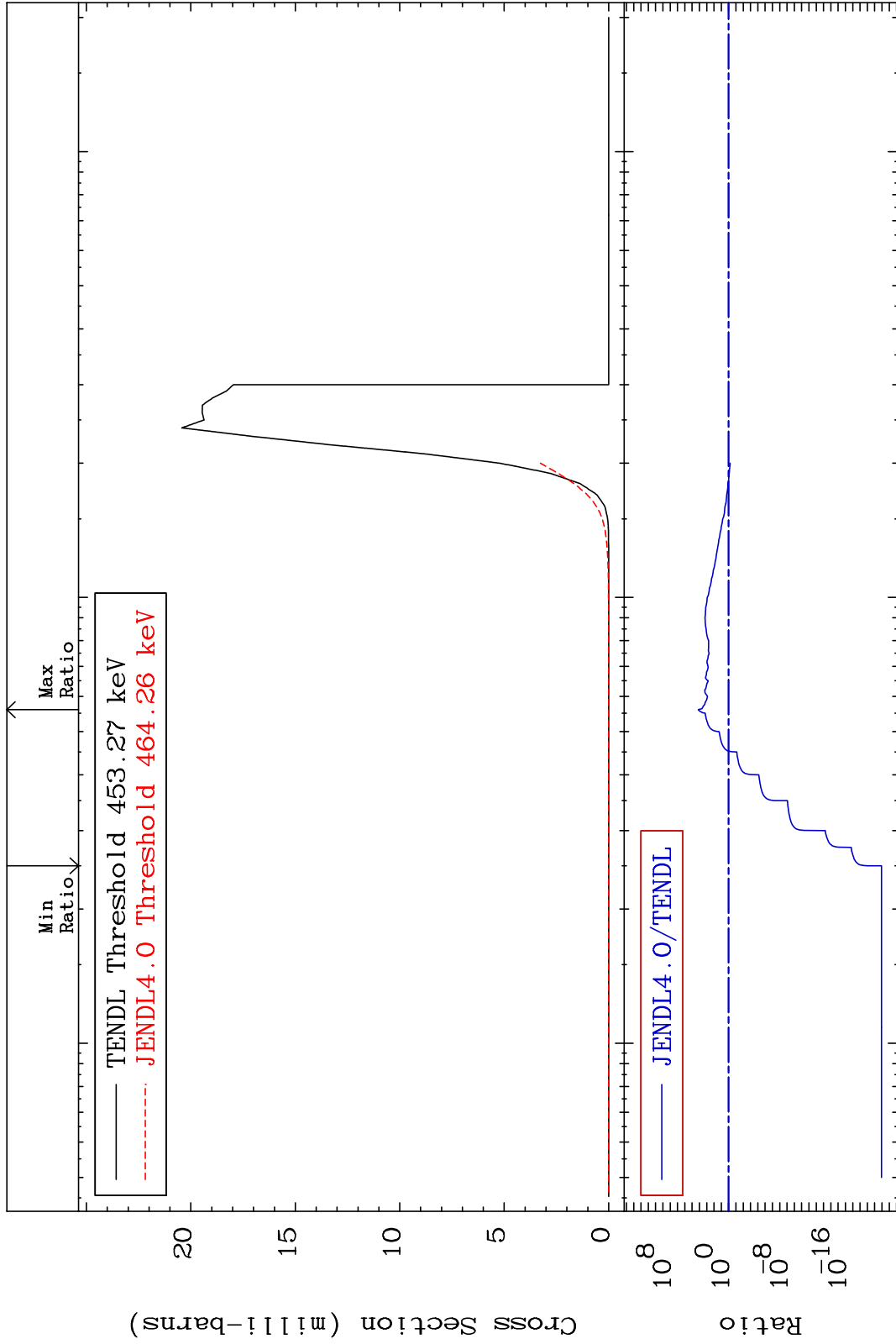
MAT 6649

(n, n') α

66-Dy-164

-100.0 To 9999. %

Cross Section



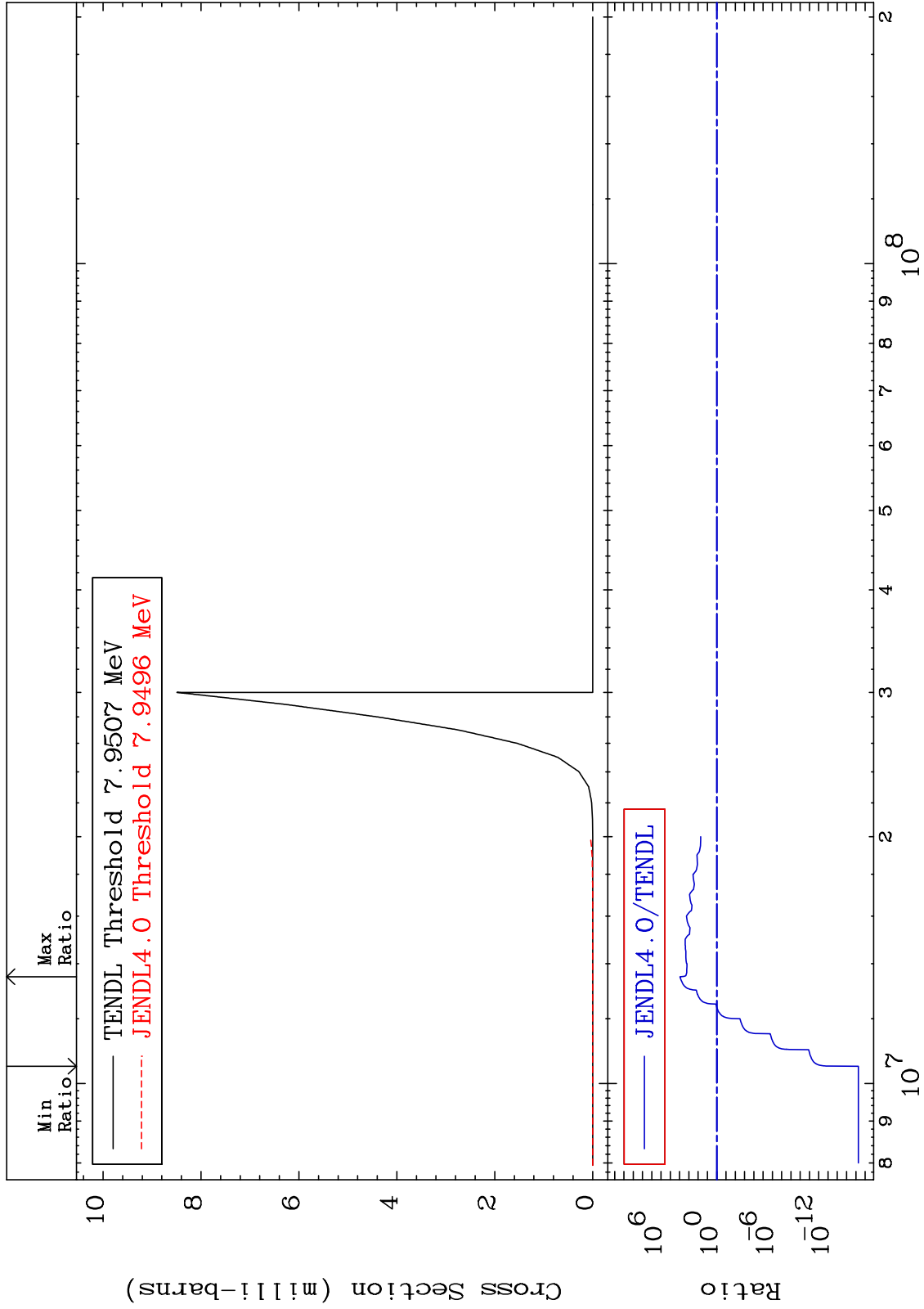
MAT 6649

(n,2n) α

66-Dy-164

Cross Section

-100.0 To 9999. %



7

Incident Energy (eV)

66-Dy-164

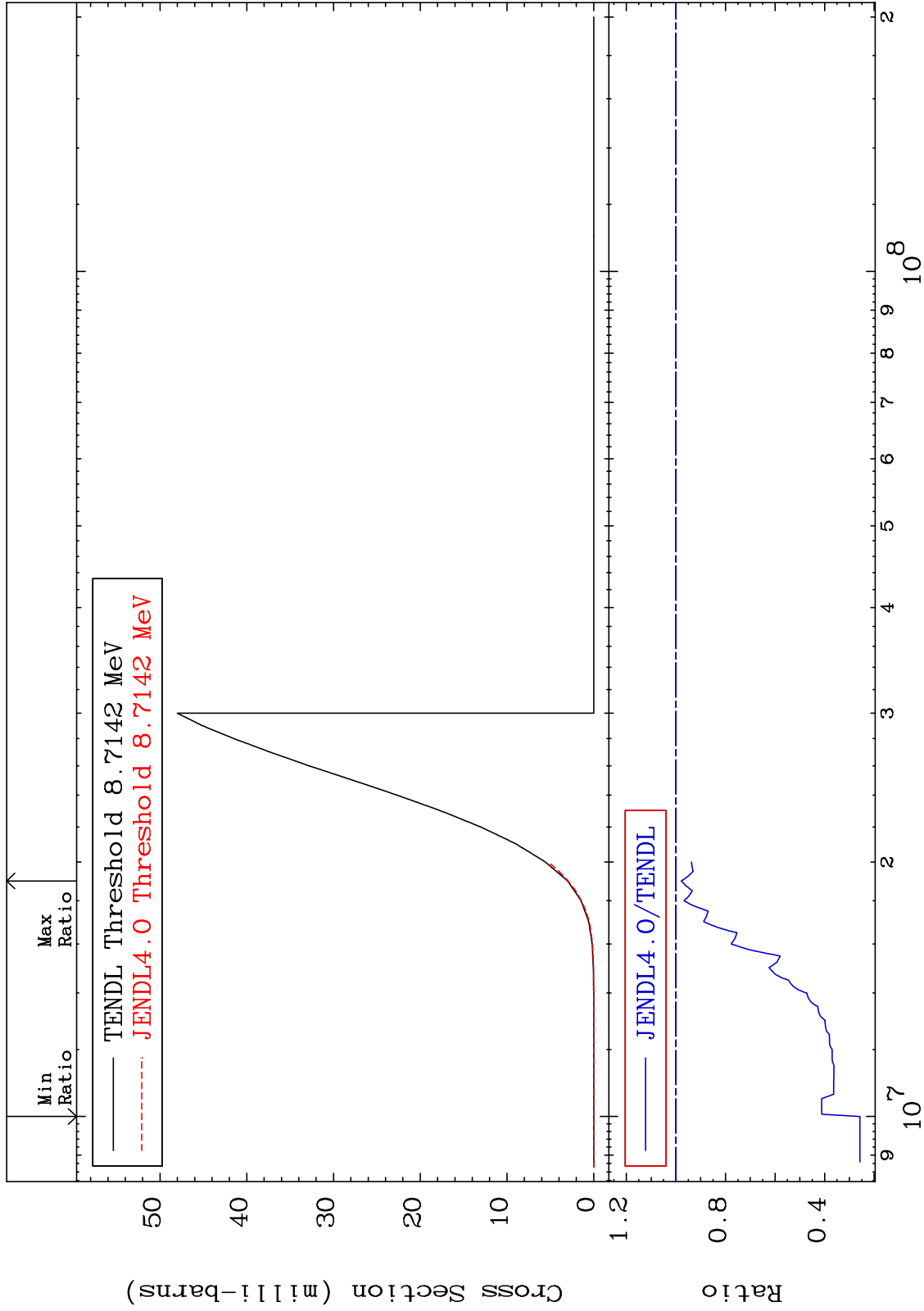
MAT 6649

(n,n') p

66-Dy-164

Cross Section

-74.26 To -2.149%



8

Incident Energy (eV)

66-Dy-164

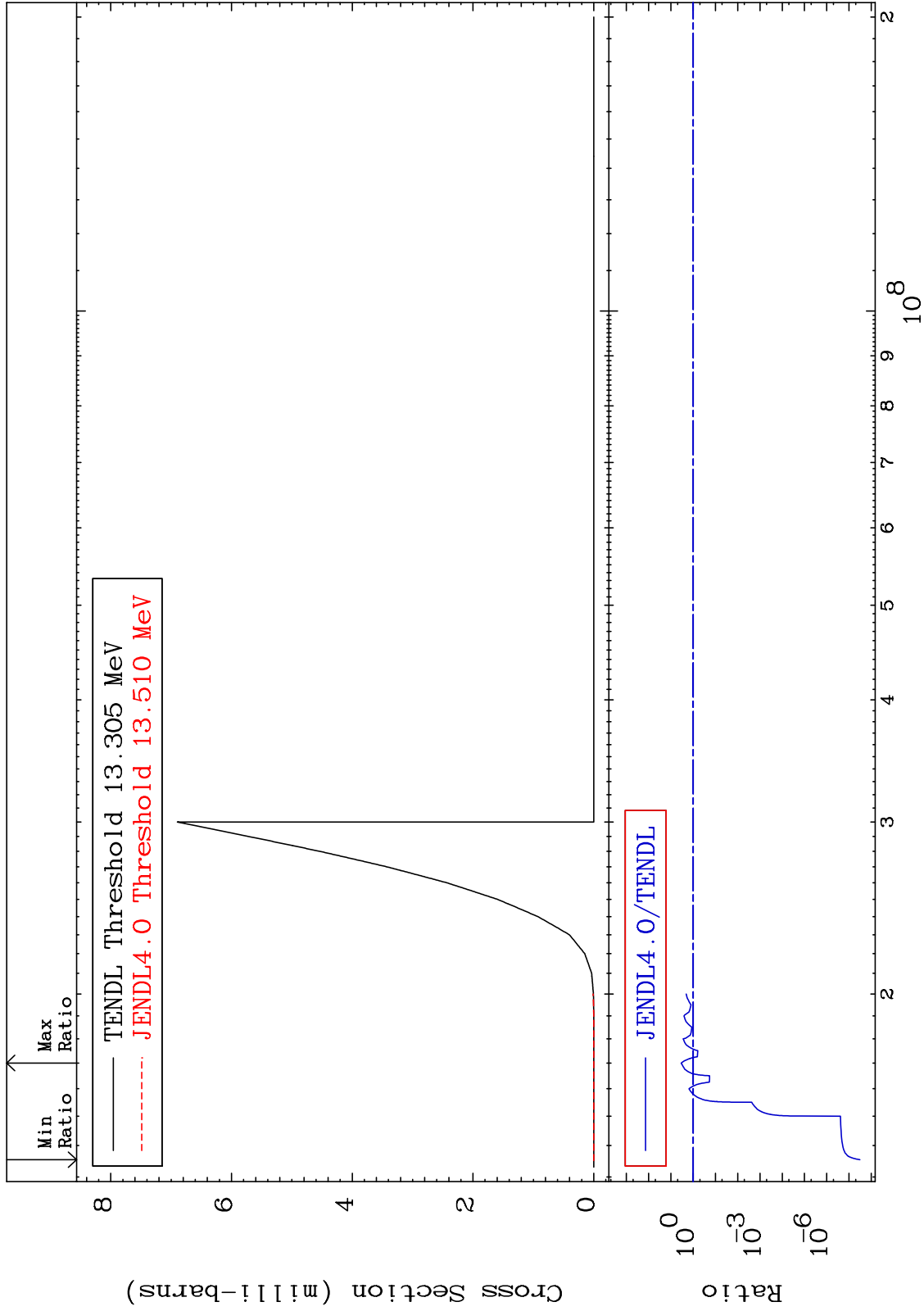
MAT 6649

(n, n') d

66-Dy-164

Cross Section

-100.0 To 243.6 %



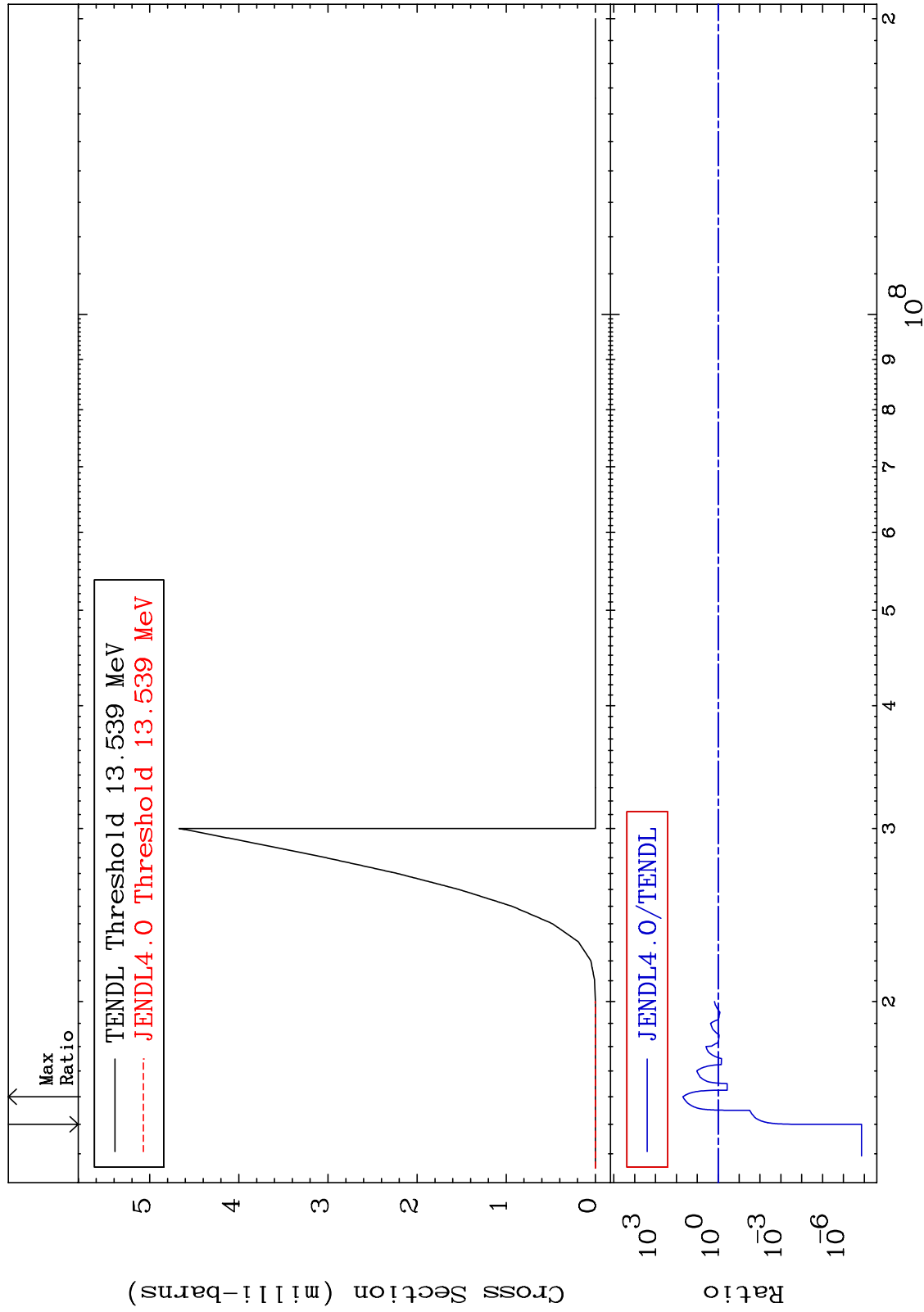
MAT 6649

(n,n') t

66-Dy-164

Cross Section

-100.0 To 4824. %



10

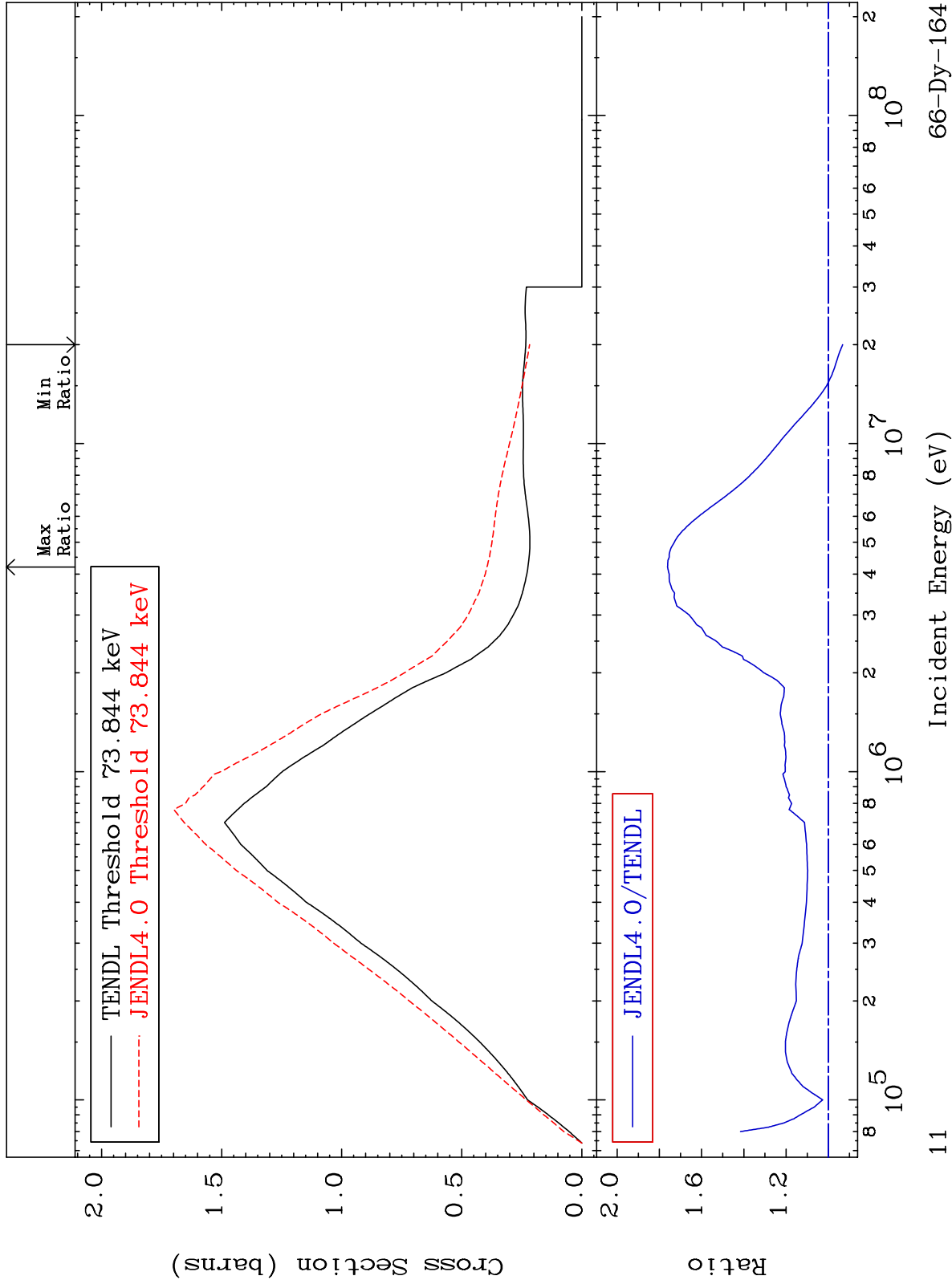
Incident Energy (eV)

66-Dy-164

MAT 6649

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

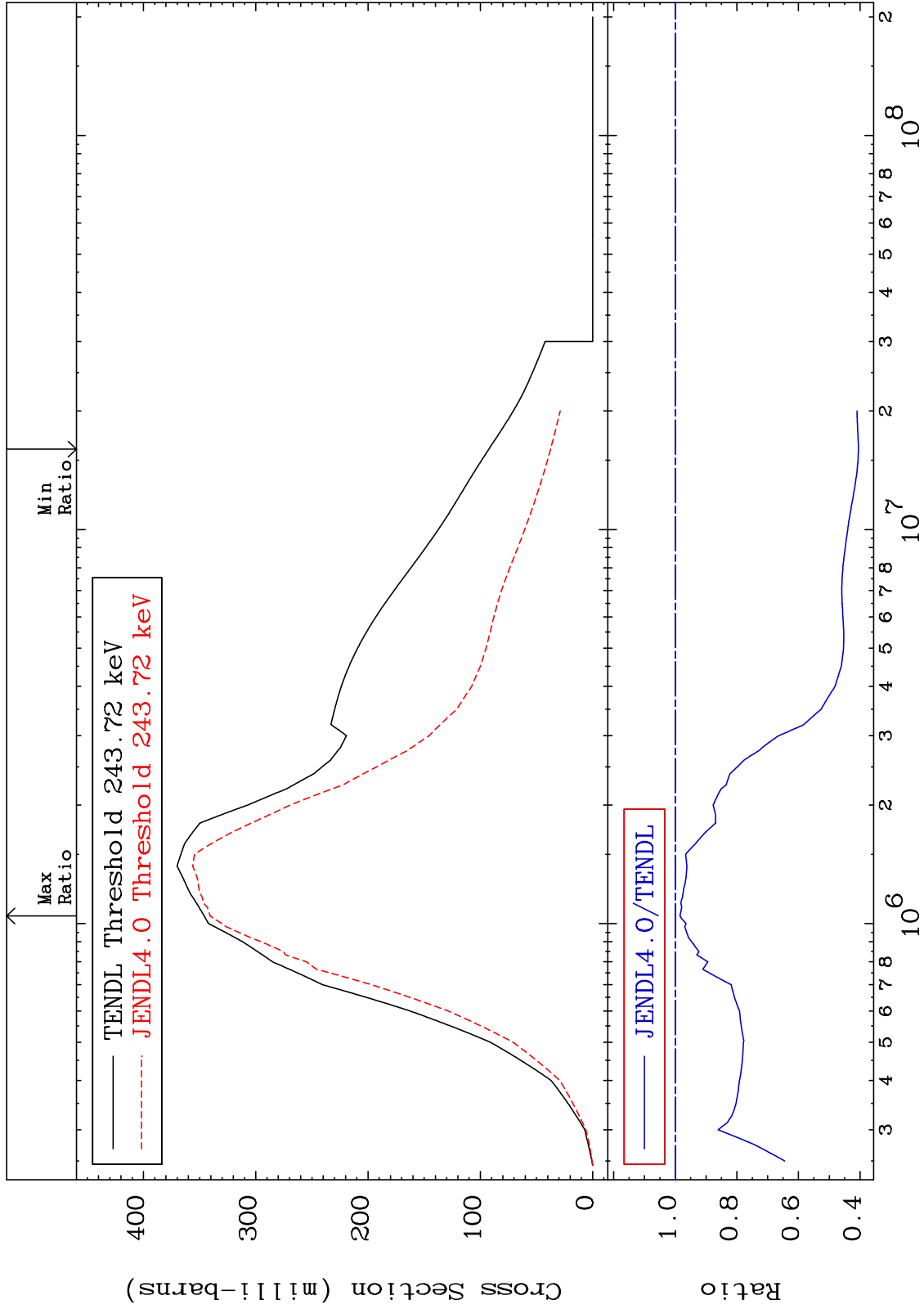
66-Dy-164
-6.779 To 76.14 %



MAT 6649

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

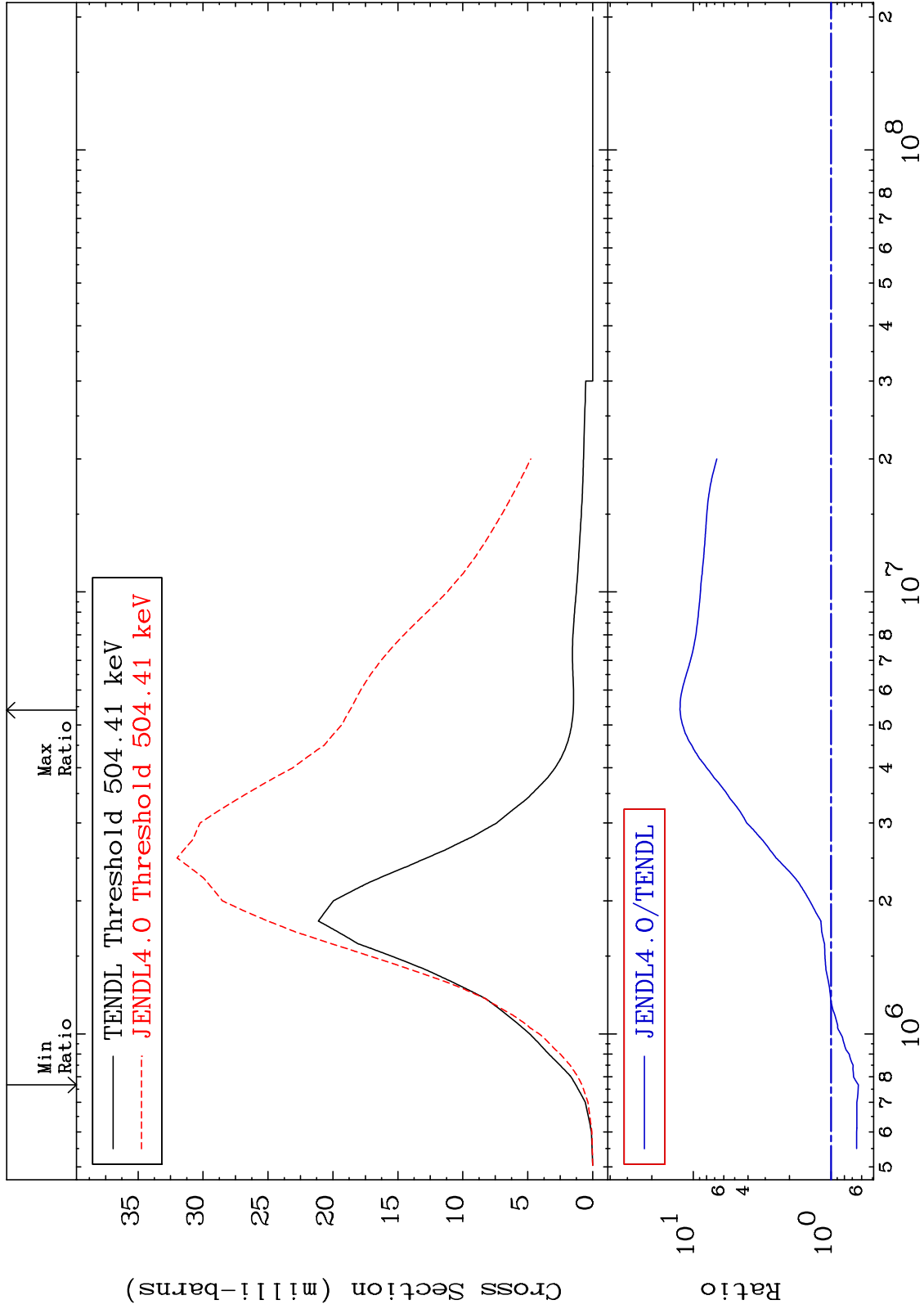
66-Dy-164
-59.46 To -1.533%



MAT 6649

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

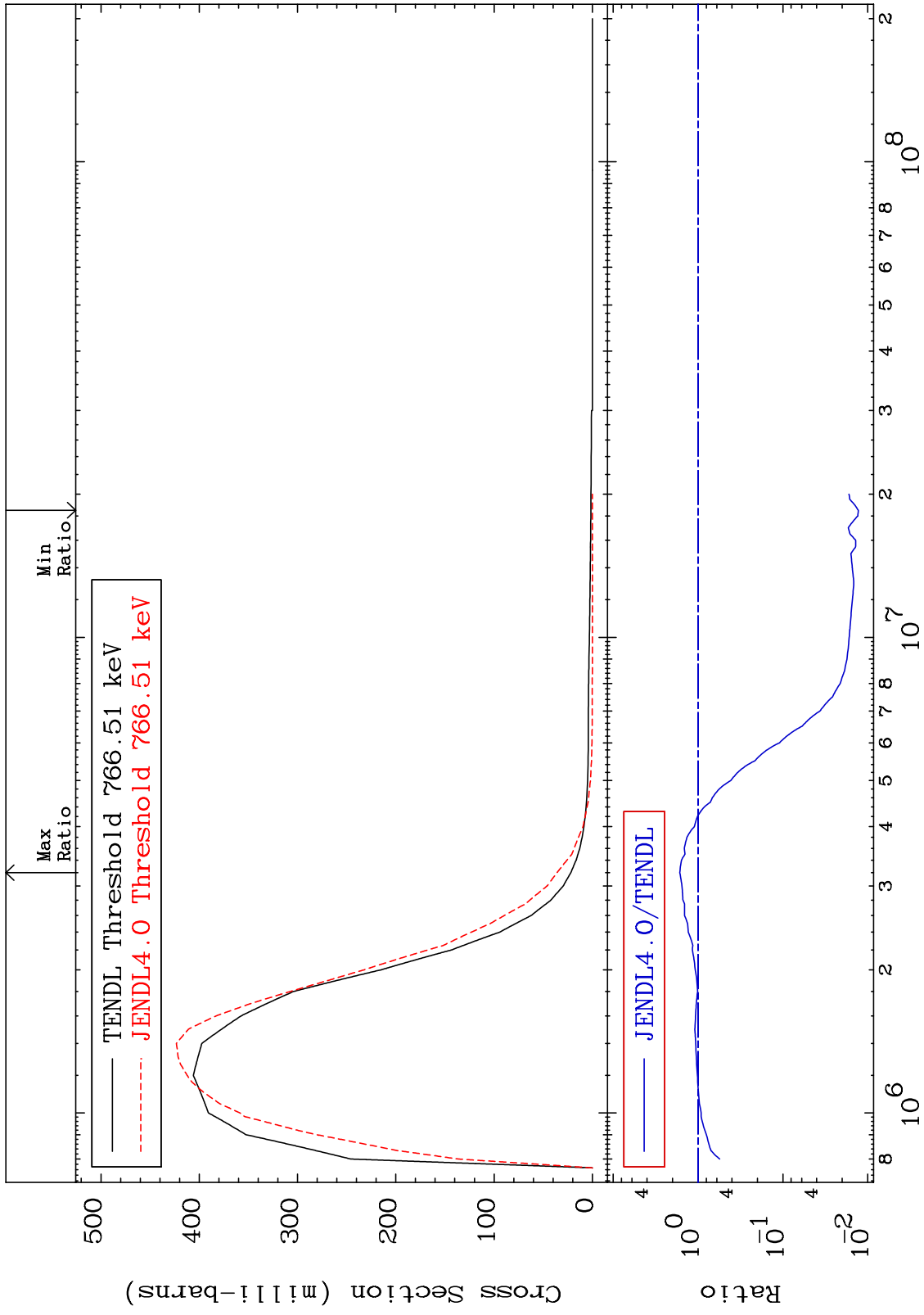
66-Dy-164
-36.75 To 1146. %



MAT 6649

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

66-Dy-164
-98.71 To 64.09 %



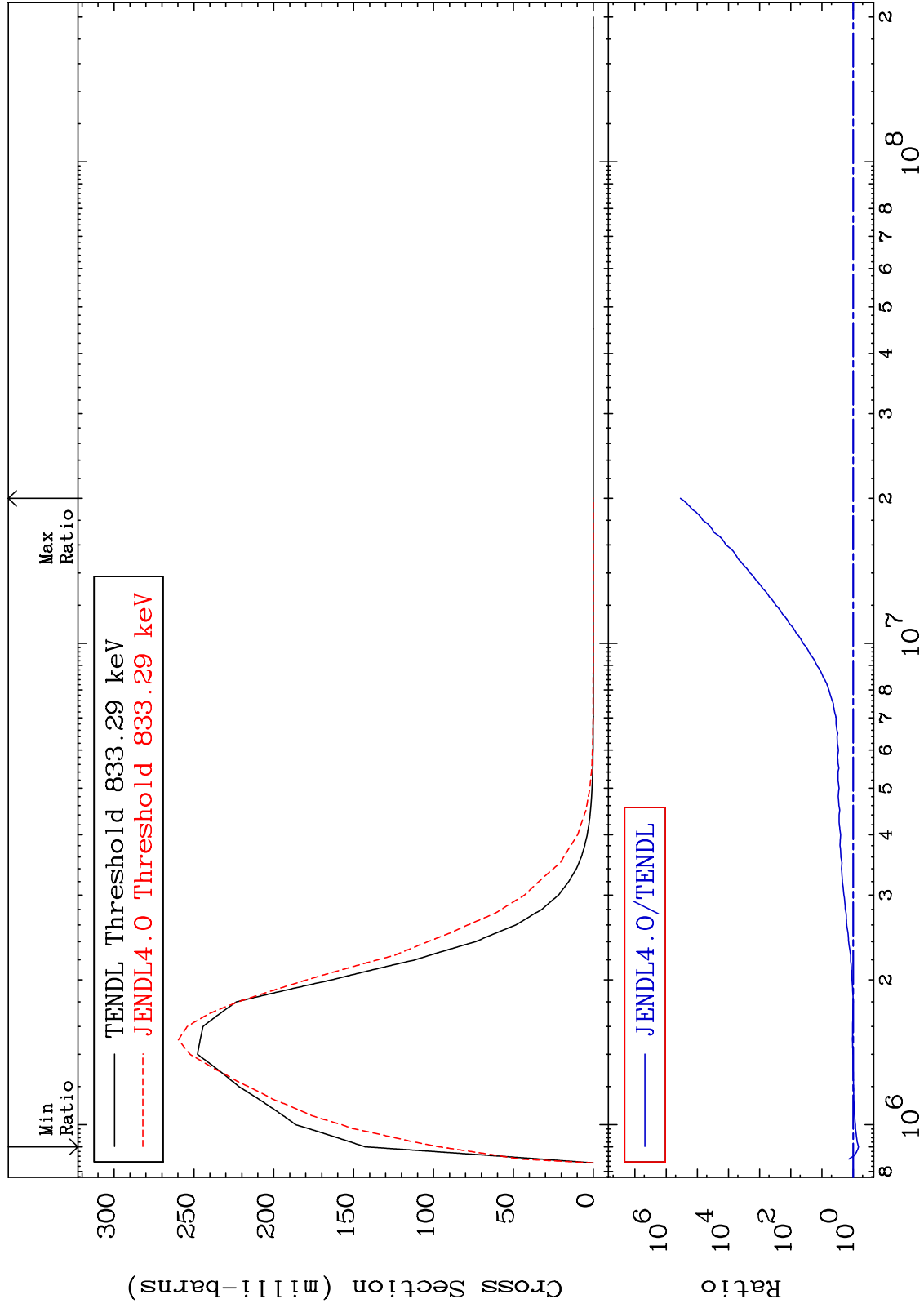
14

66-Dy-164

MAT 6649

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

66-Dy-164
-32.59 To 9999. %



15

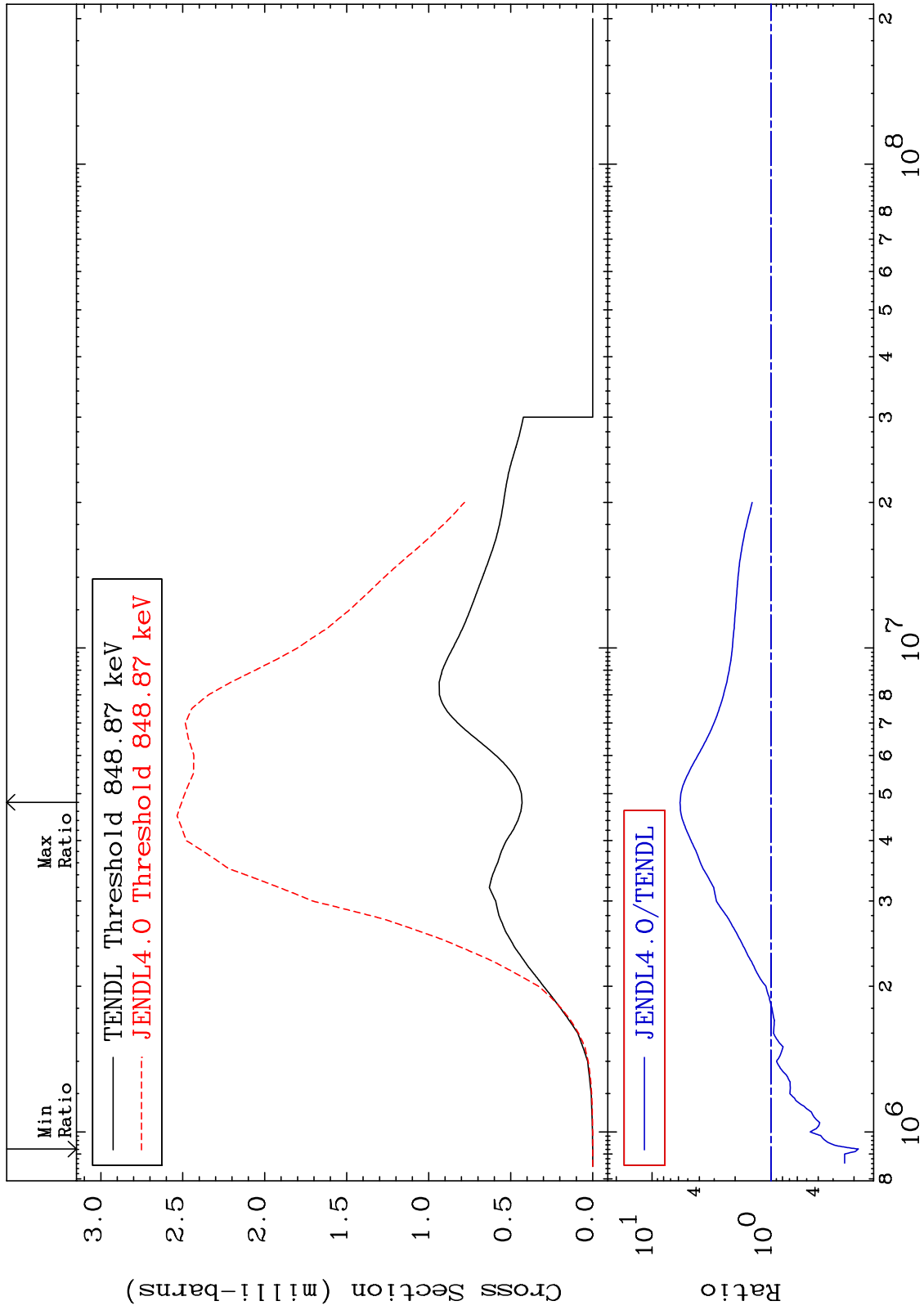
Incident Energy (eV)

66-Dy-164

MAT 6649

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

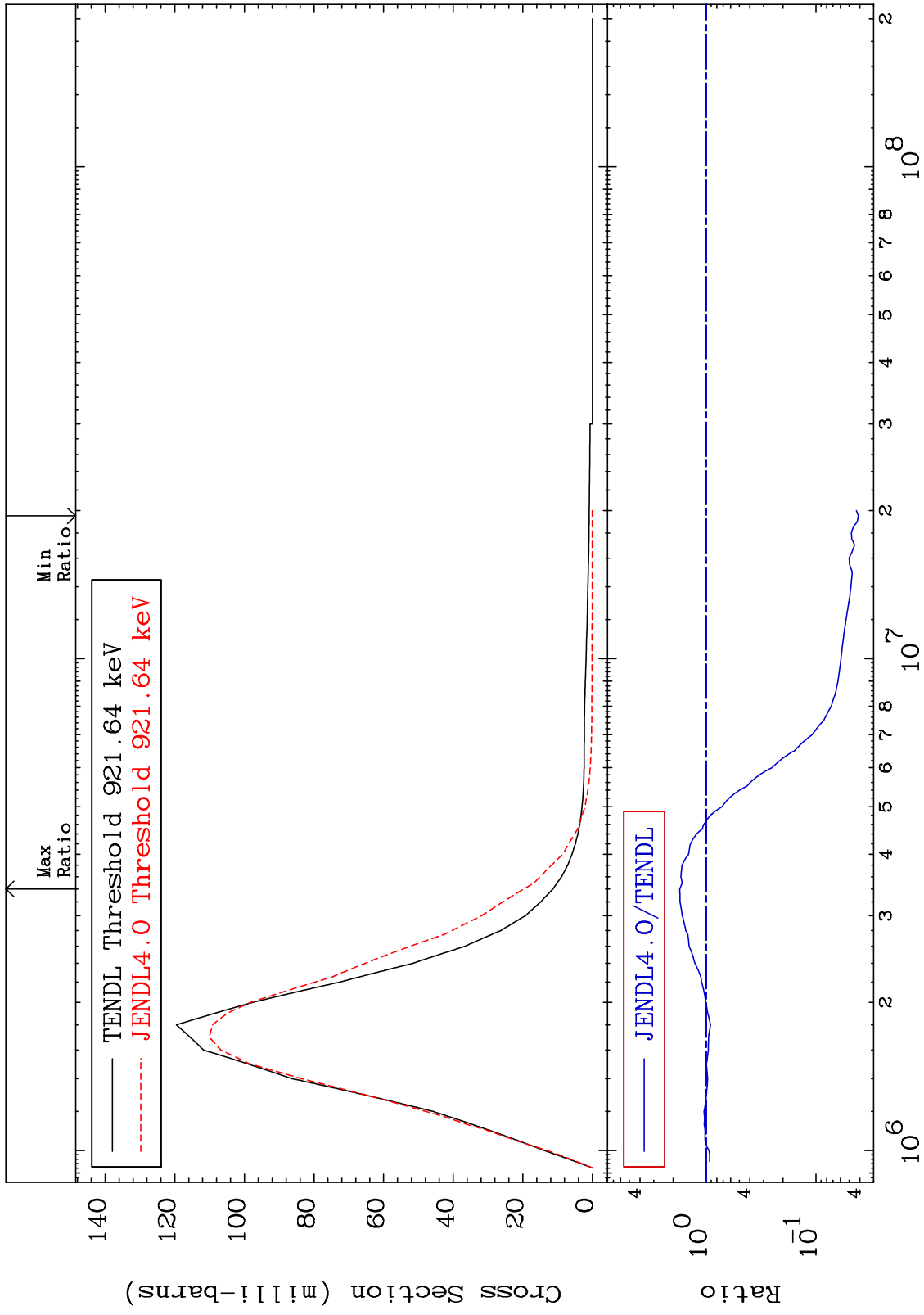
66-Dy-164
-81.63 To 482.3 %



MAT 6649

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

66-Dy-164
-95.88 To 73.72 %



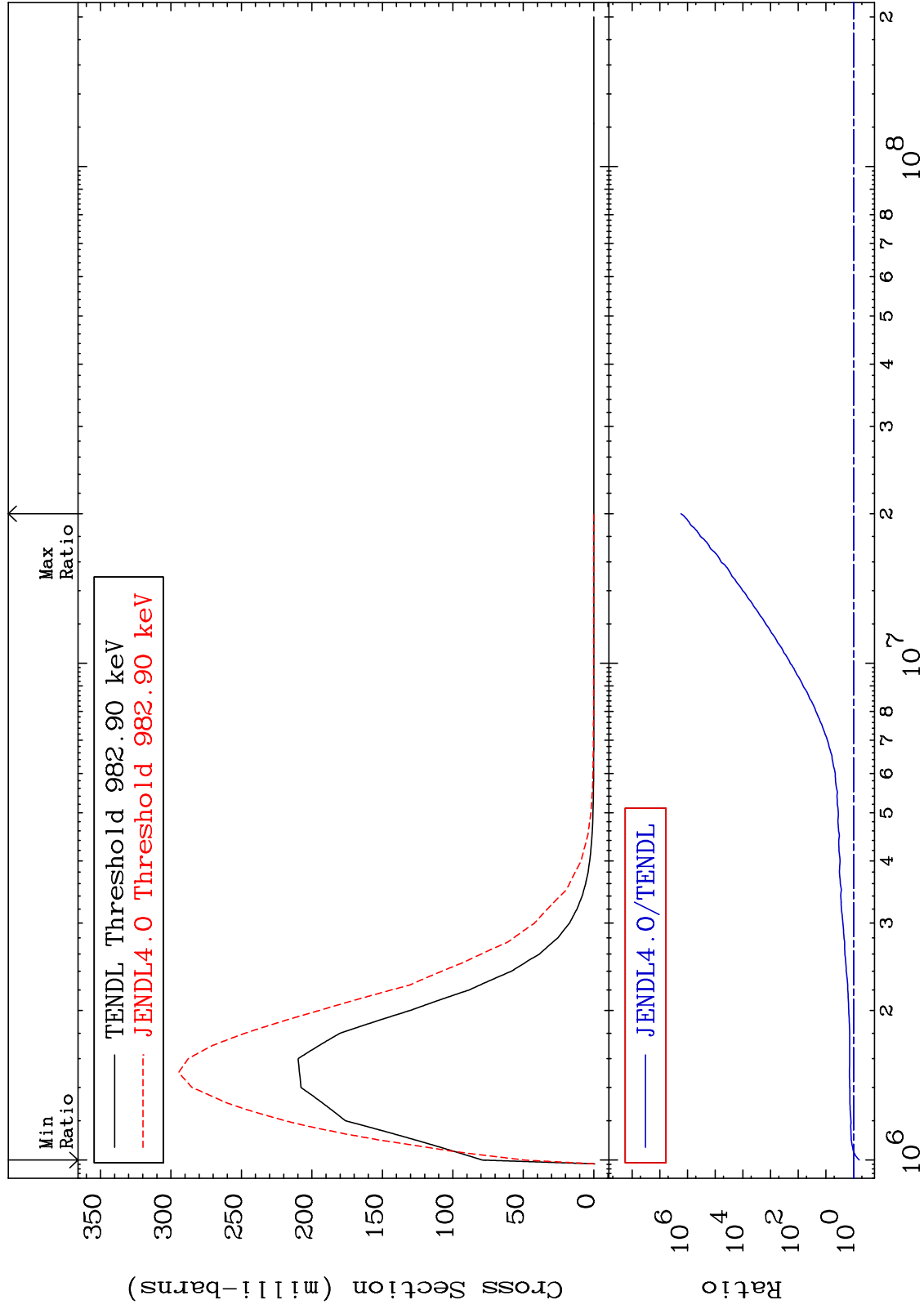
Incident Energy (eV)

66-Dy-164

MAT 6649

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

66-Dy-164
-37.90 To 9999. %



66-Dy-164

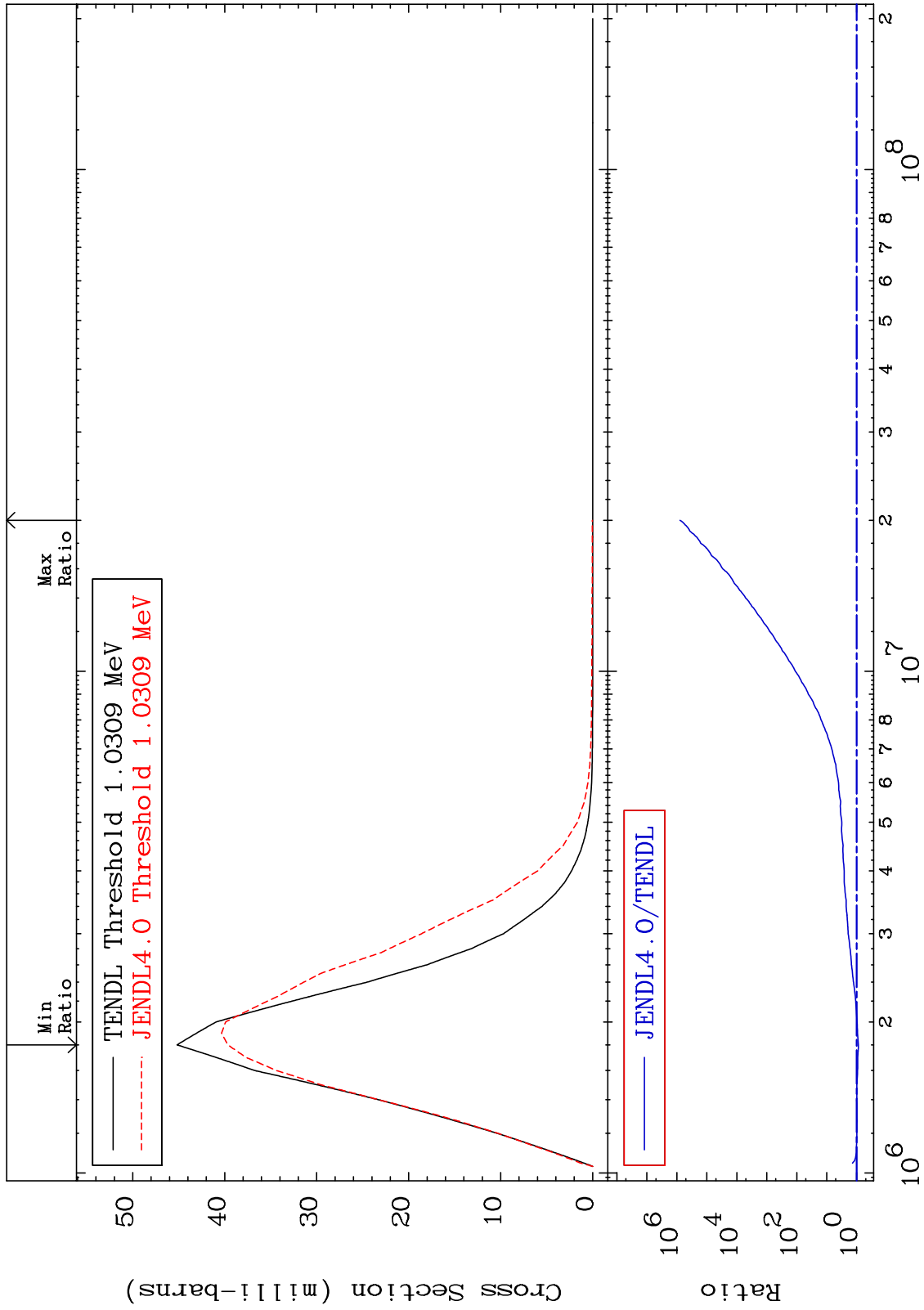
Incident Energy (eV)

18

MAT 6649

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

66-Dy-164
-12.20 To 9999. %

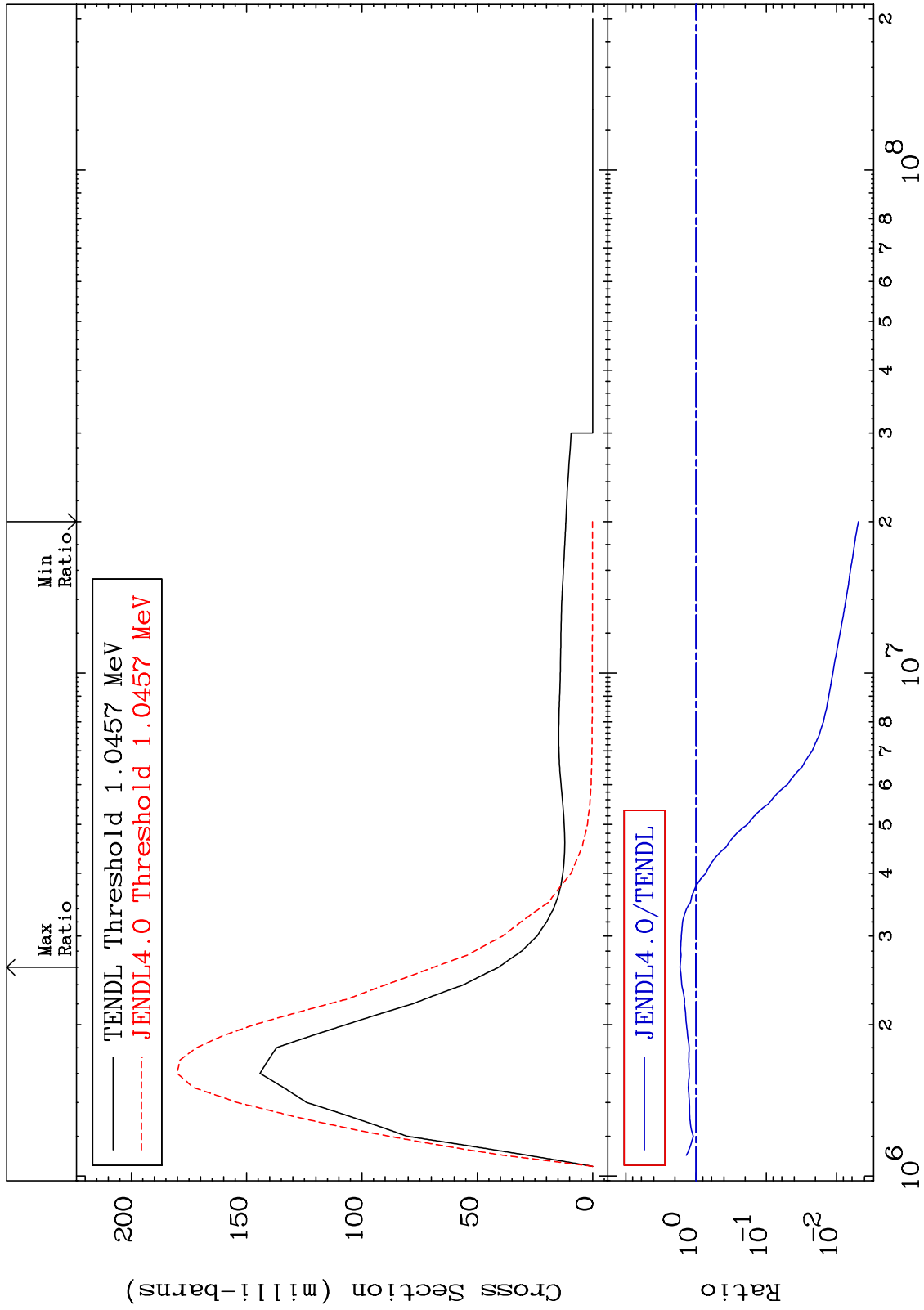


19

Incident Energy (eV)

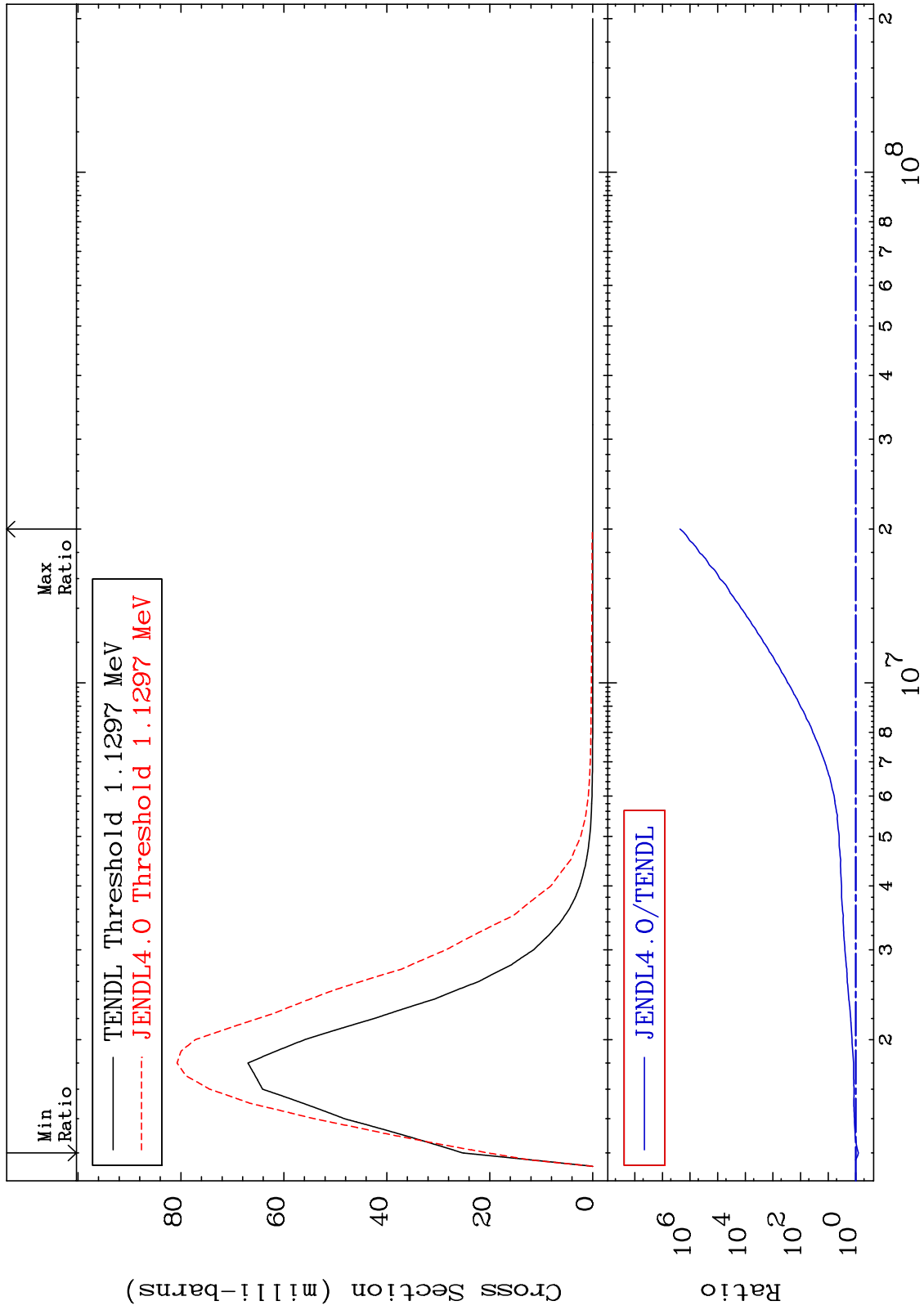
66-Dy-164

MAT 6649 MT= 60 (n,n') Level
Cross Section 66-Dy-164
-99.51 To 69.08 %



66-Dy-164

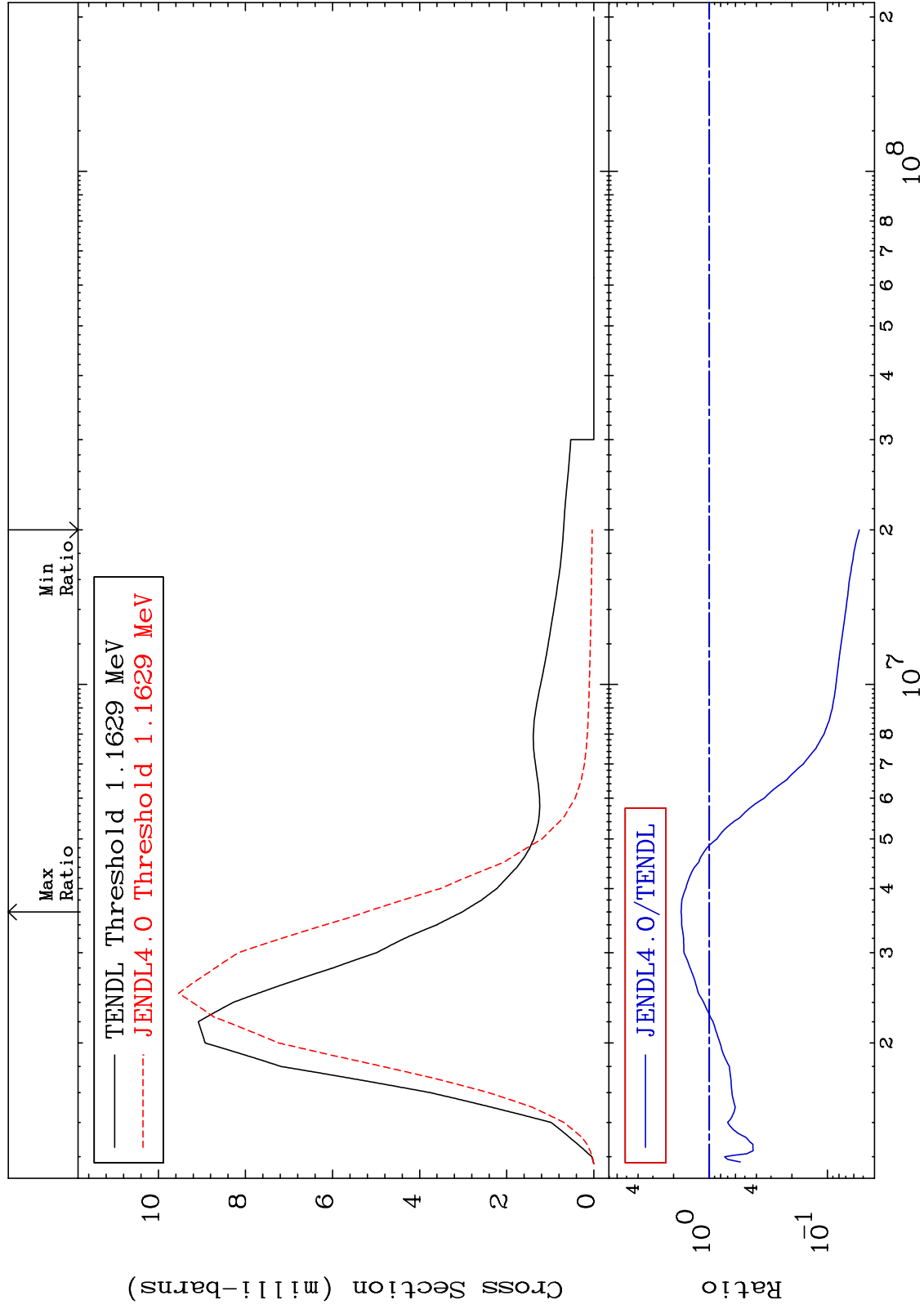
MAT 6649 MT= 61 (n, n') Level 66-Dy-164
 Cross Section -19.60 To 9999. %



MAT 6649

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

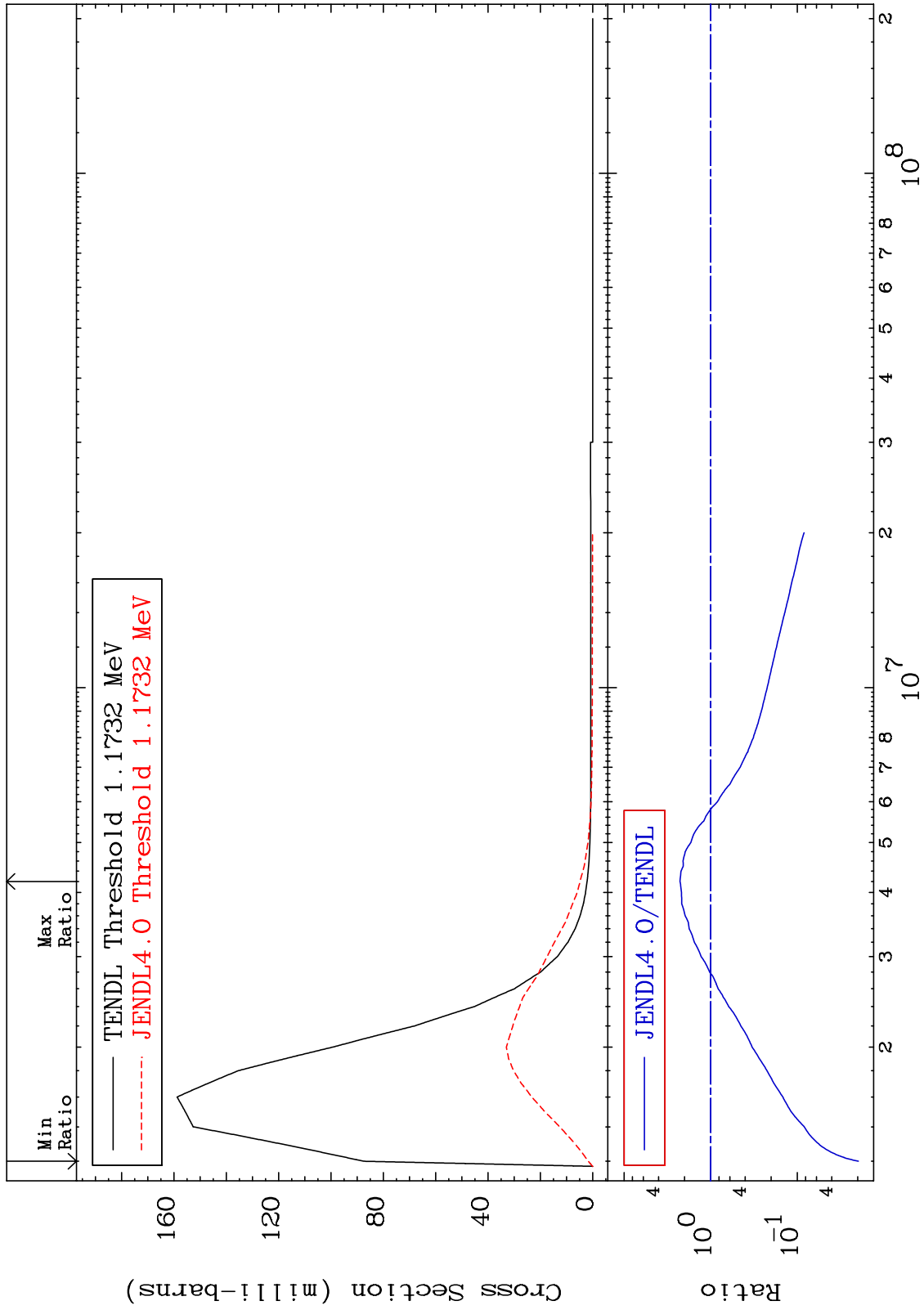
66-Dy-164
-94.62 To 73.14 %



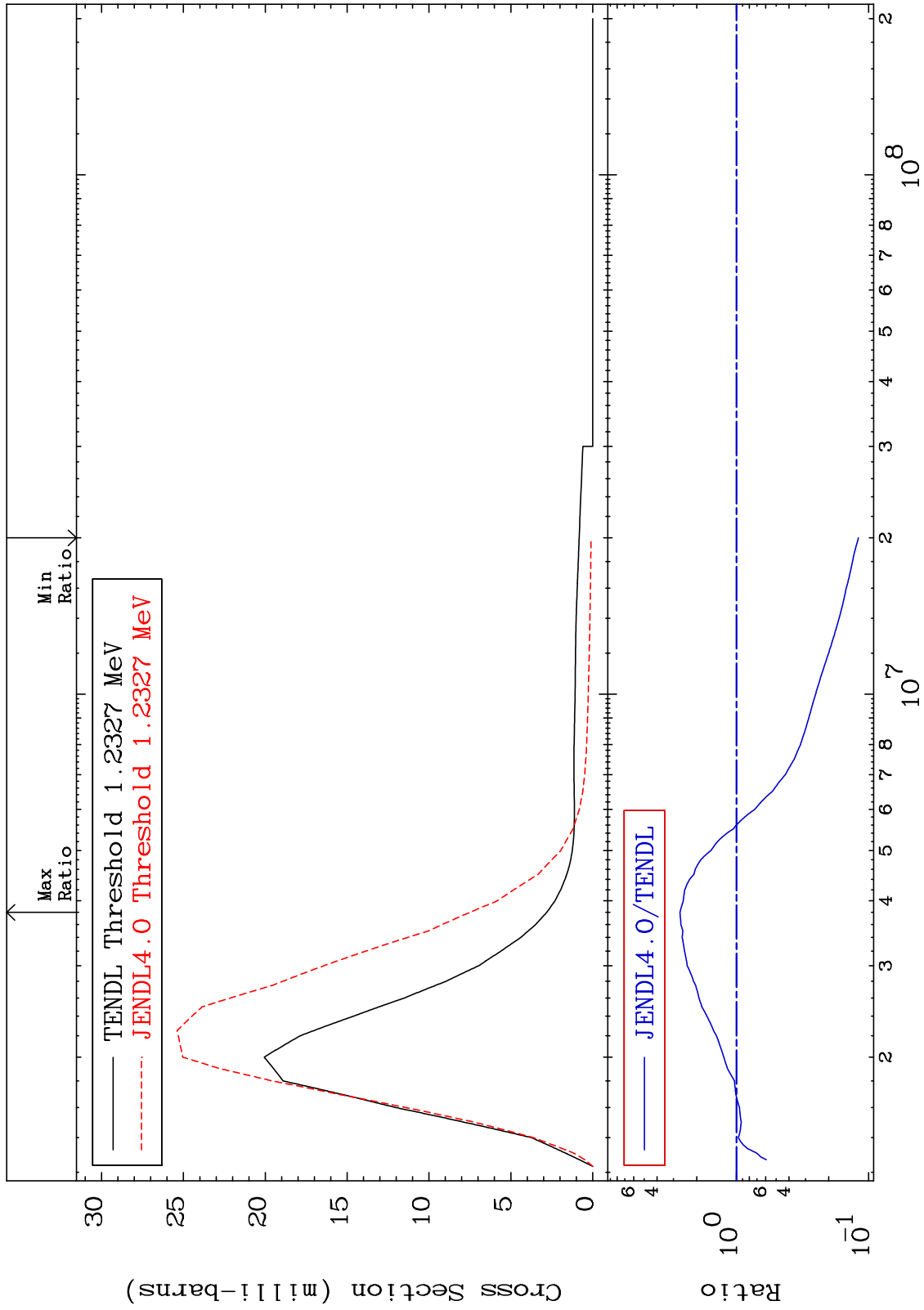
MAT 6649

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

66-Dy-164
-98.04 To 125.9 %



MAT 6649 MT= 64 (n, n') Level
 Cross Section 66-Dy-164
 -88.07 To 167.6 %

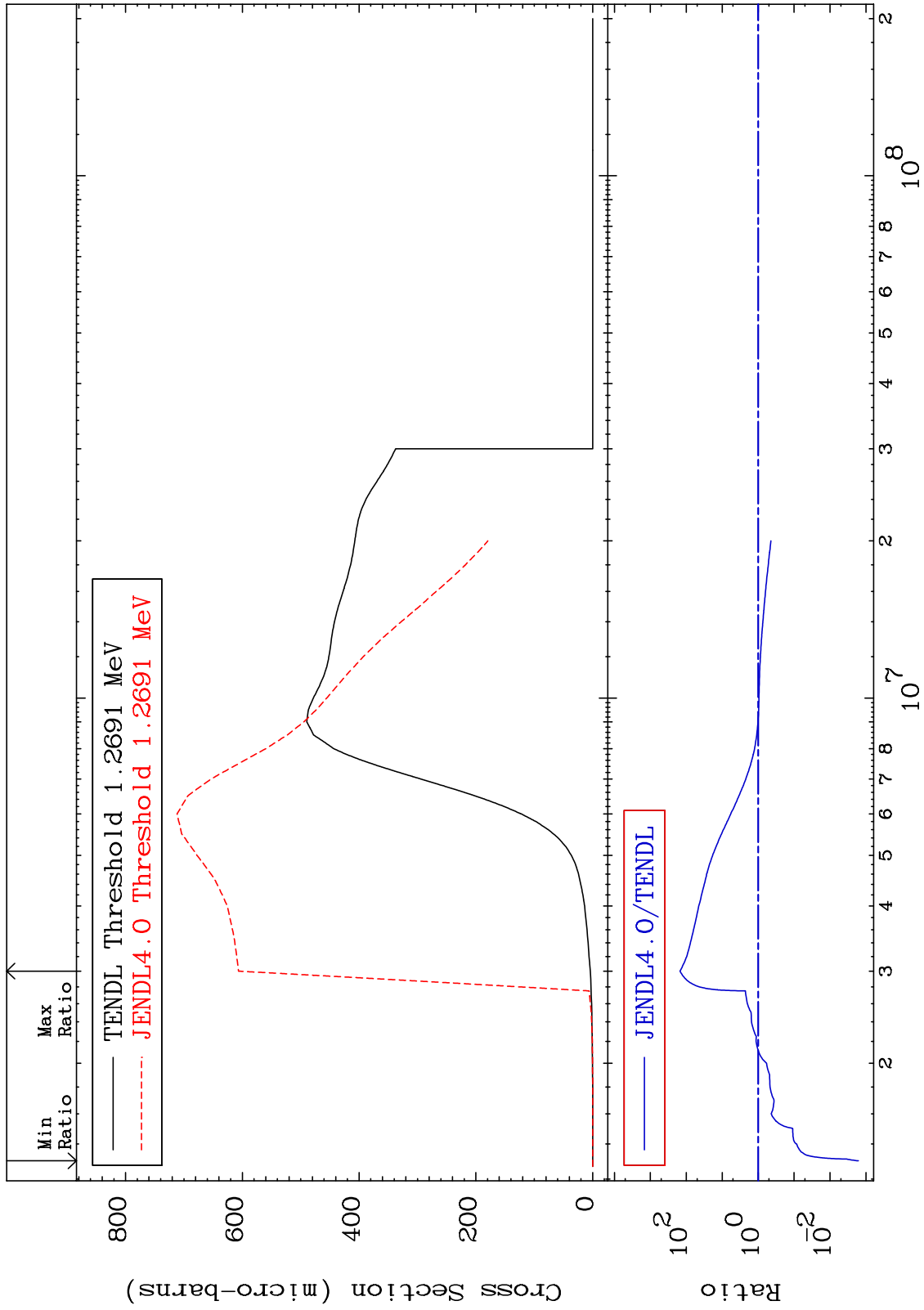


66-Dy-164

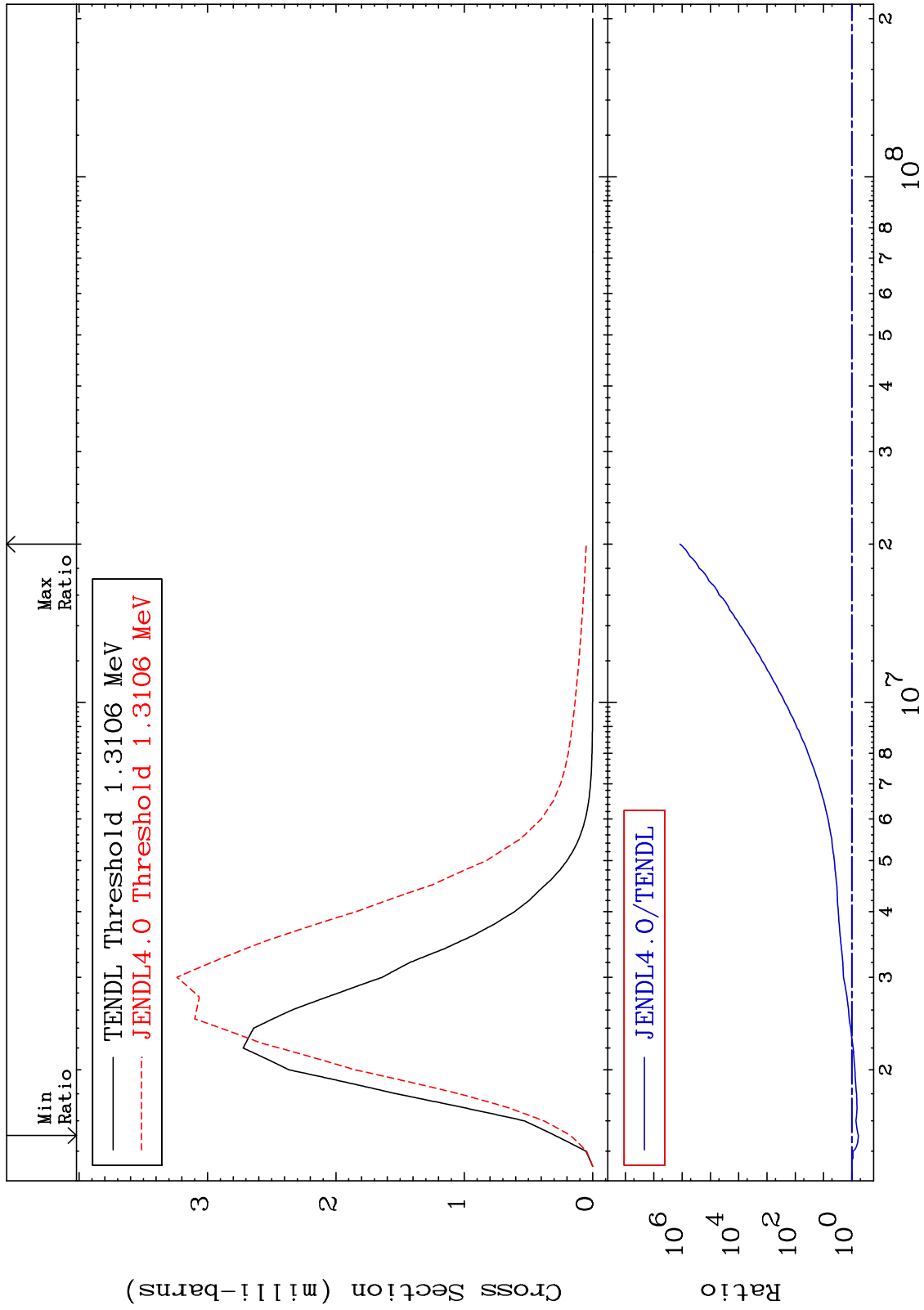
MAT 6649

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

66-Dy-164
-99.84 To 9999. %



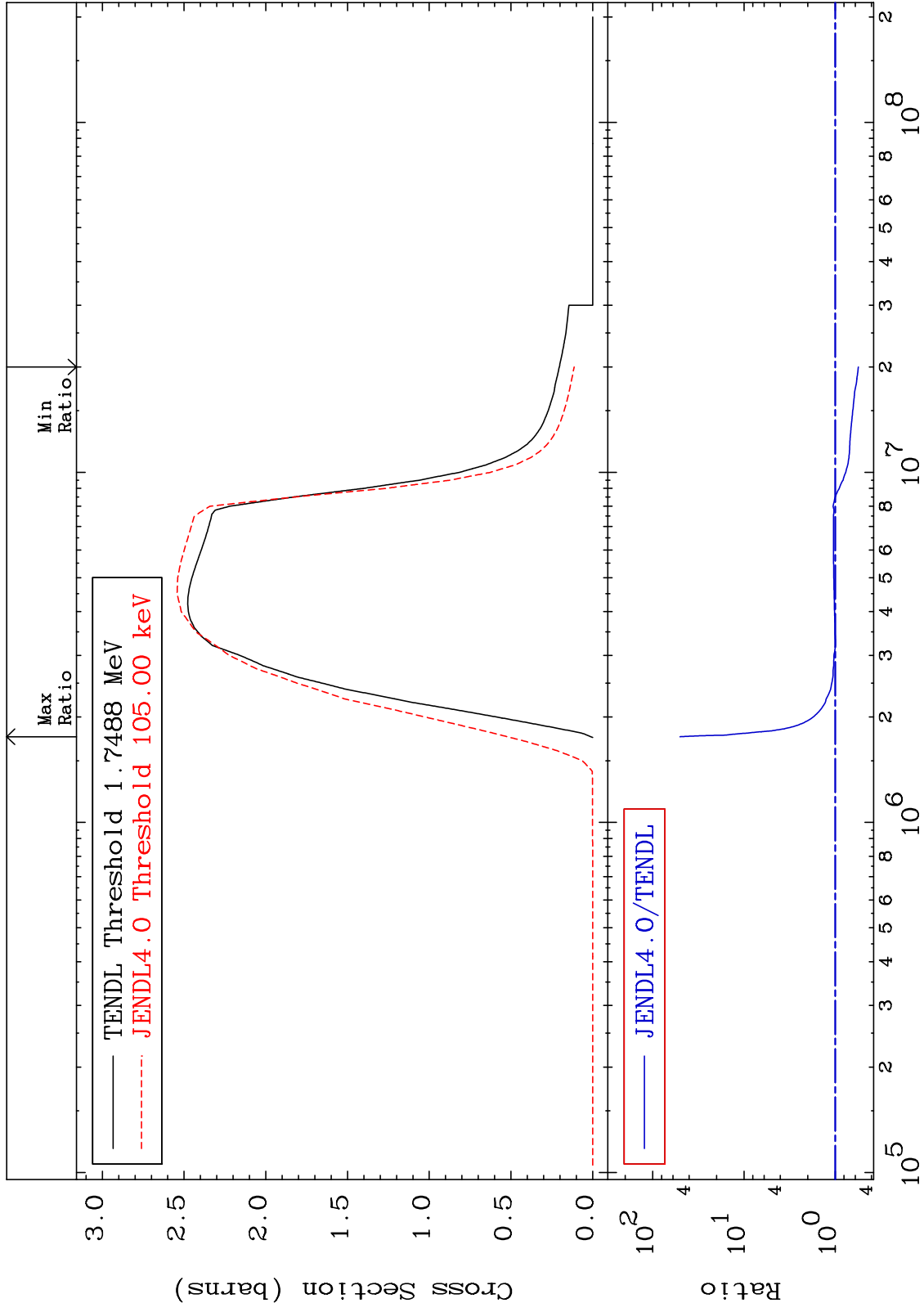
MAT 6649 MT= 66 (n,n') Level
 Cross Section 66-Dy-164
 -41.40 To 9999. %



MAT 6649

(n, n') Continuum
Cross Section

66-Dy-164
-44.37 To 4925. %



27

Incident Energy (eV)

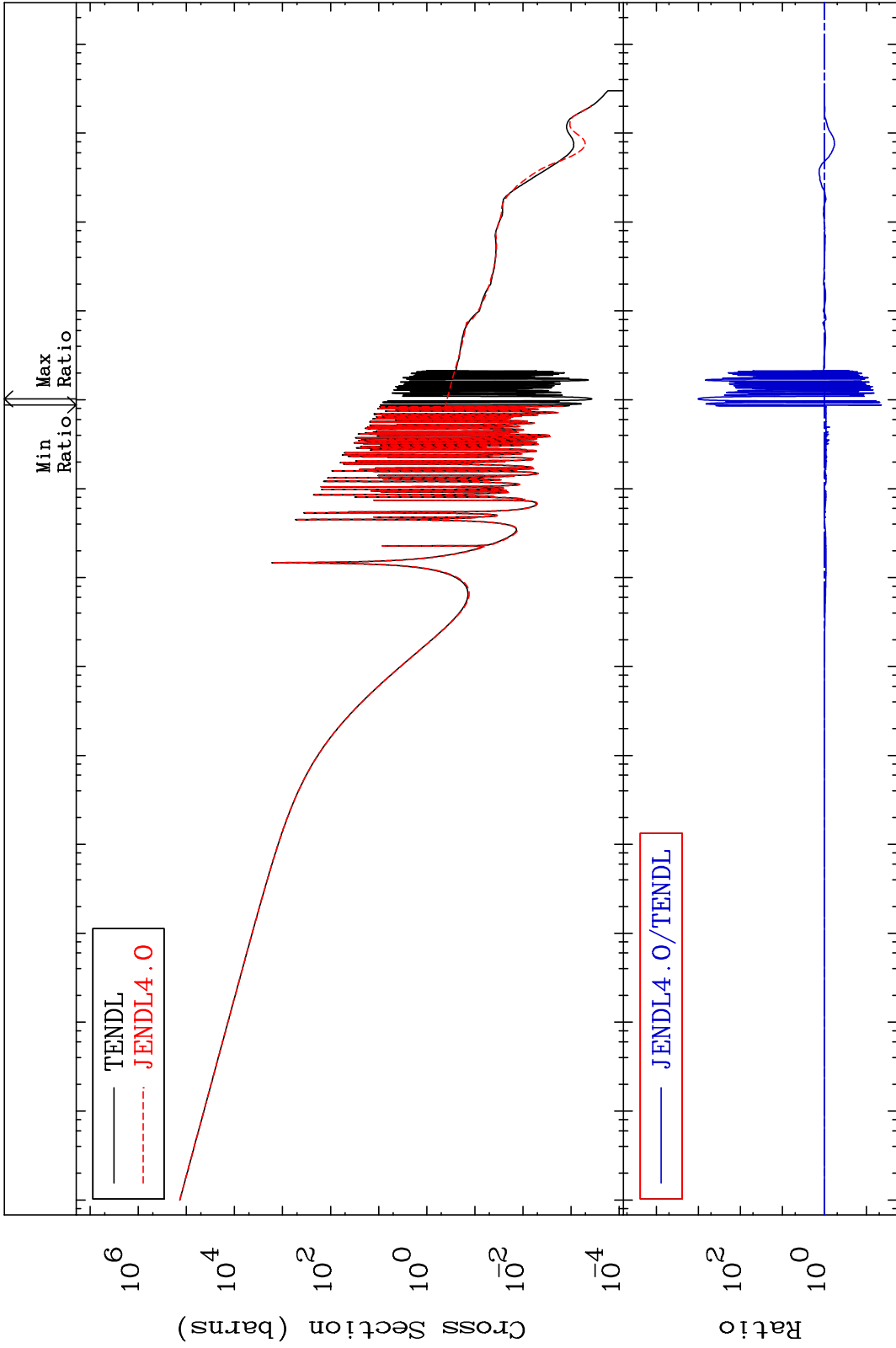
66-Dy-164

MAT 6649

(n, γ)

66-Dy-164
-95.60 To 9999. %

Cross Section



Incident Energy (eV) 66-Dy-164

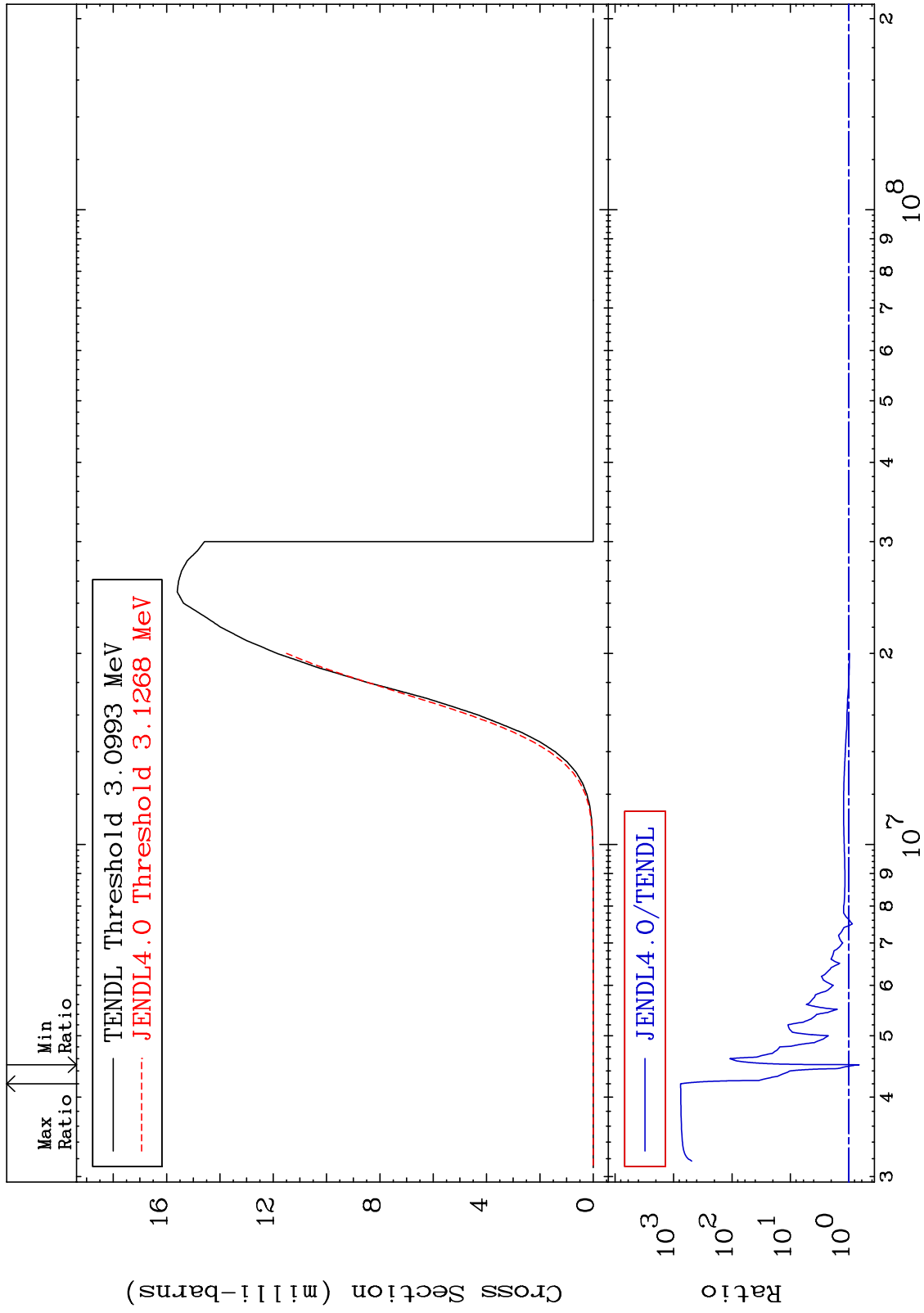
MAT 6649

(n,p)

66-Dy-164

Cross Section

-33.54 To 9999. %



29

Incident Energy (eV)

66-Dy-164

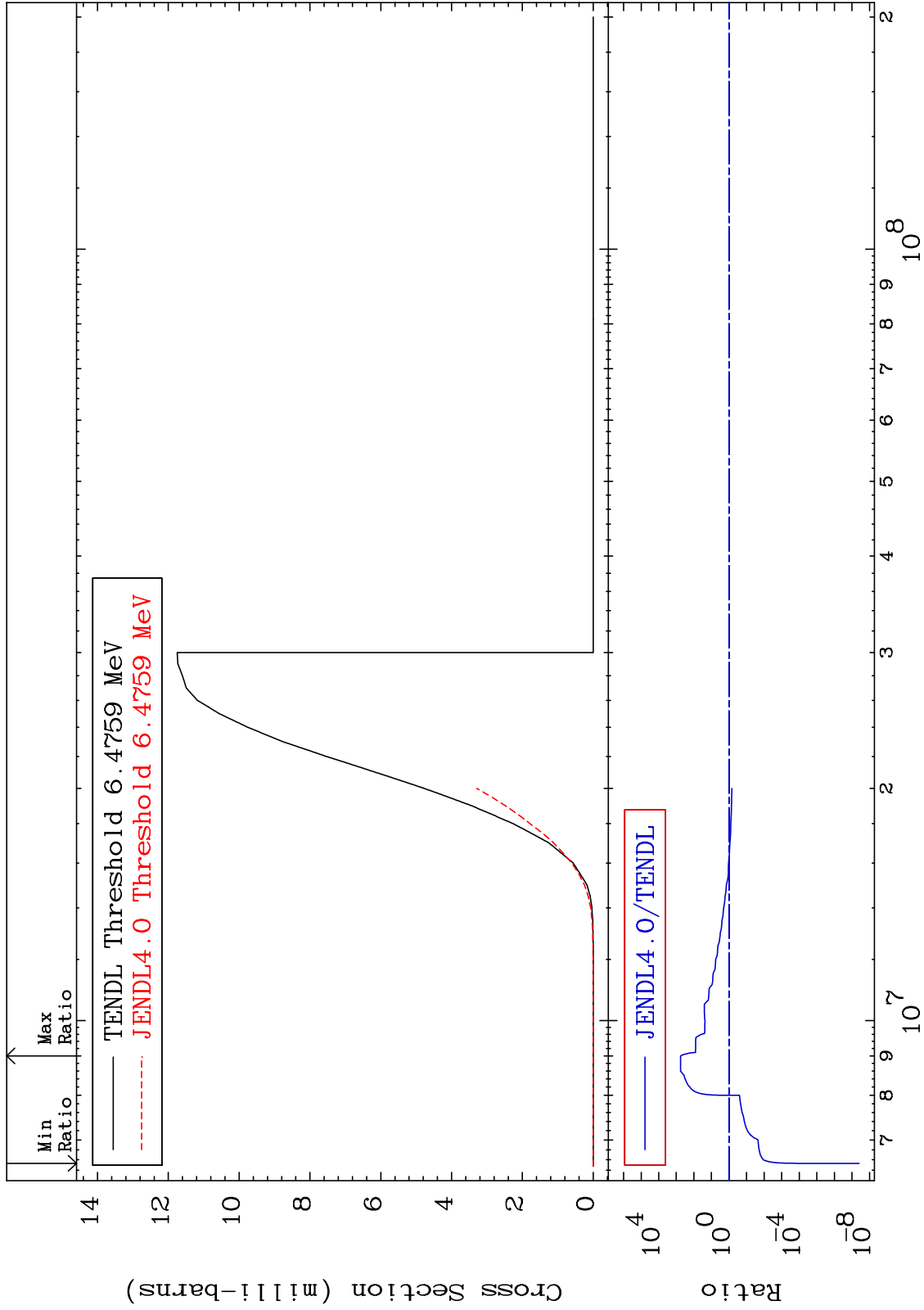
MAT 6649

(n,d)

66-Dy-164

Cross Section

-100.0 To 9999. %

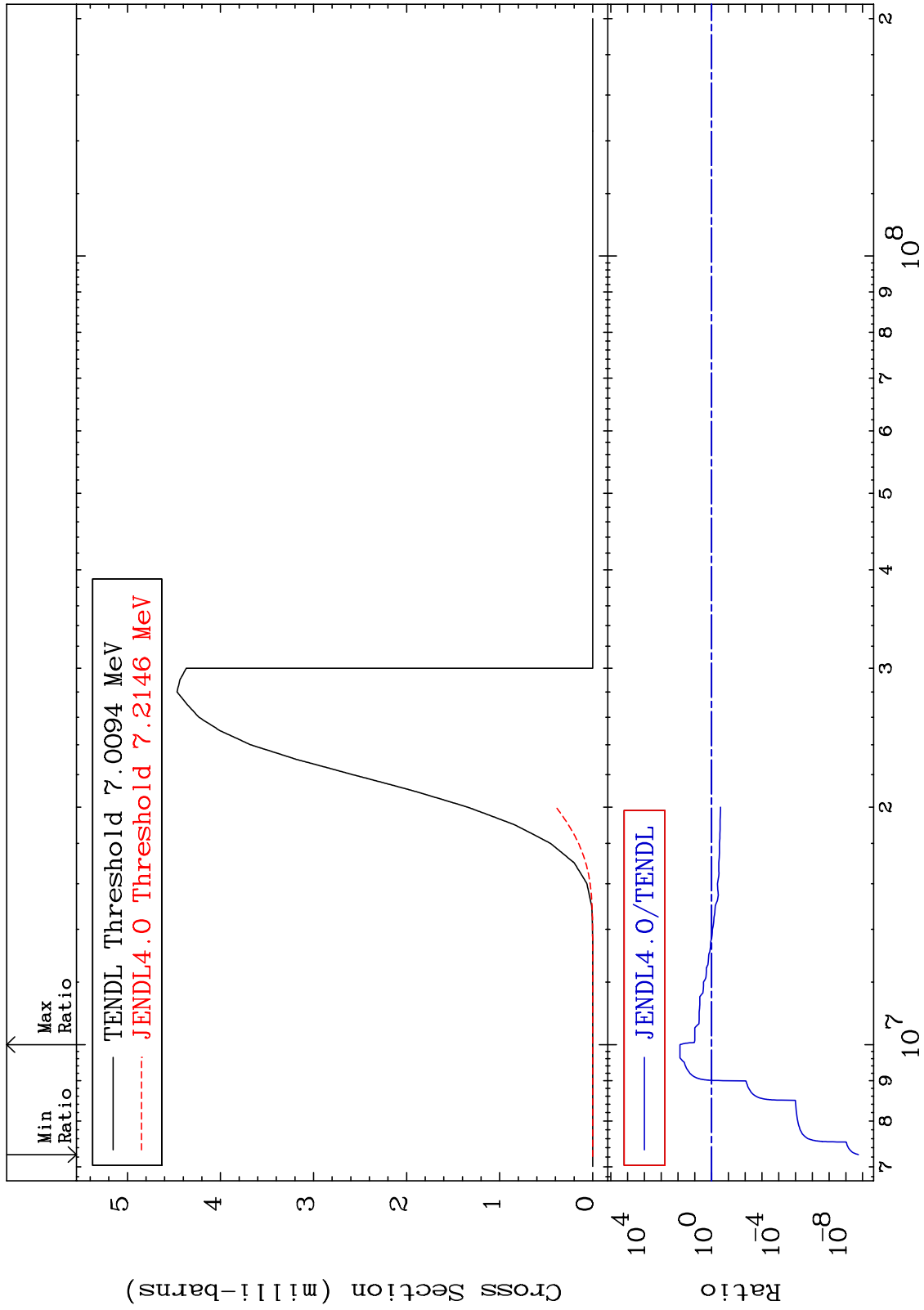


30

Incident Energy (eV)

66-Dy-164

MAT 6649 (n, t) Cross Section 66-Dy-164
-100.0 To 7385. %



Incident Energy (eV) 66-Dy-164

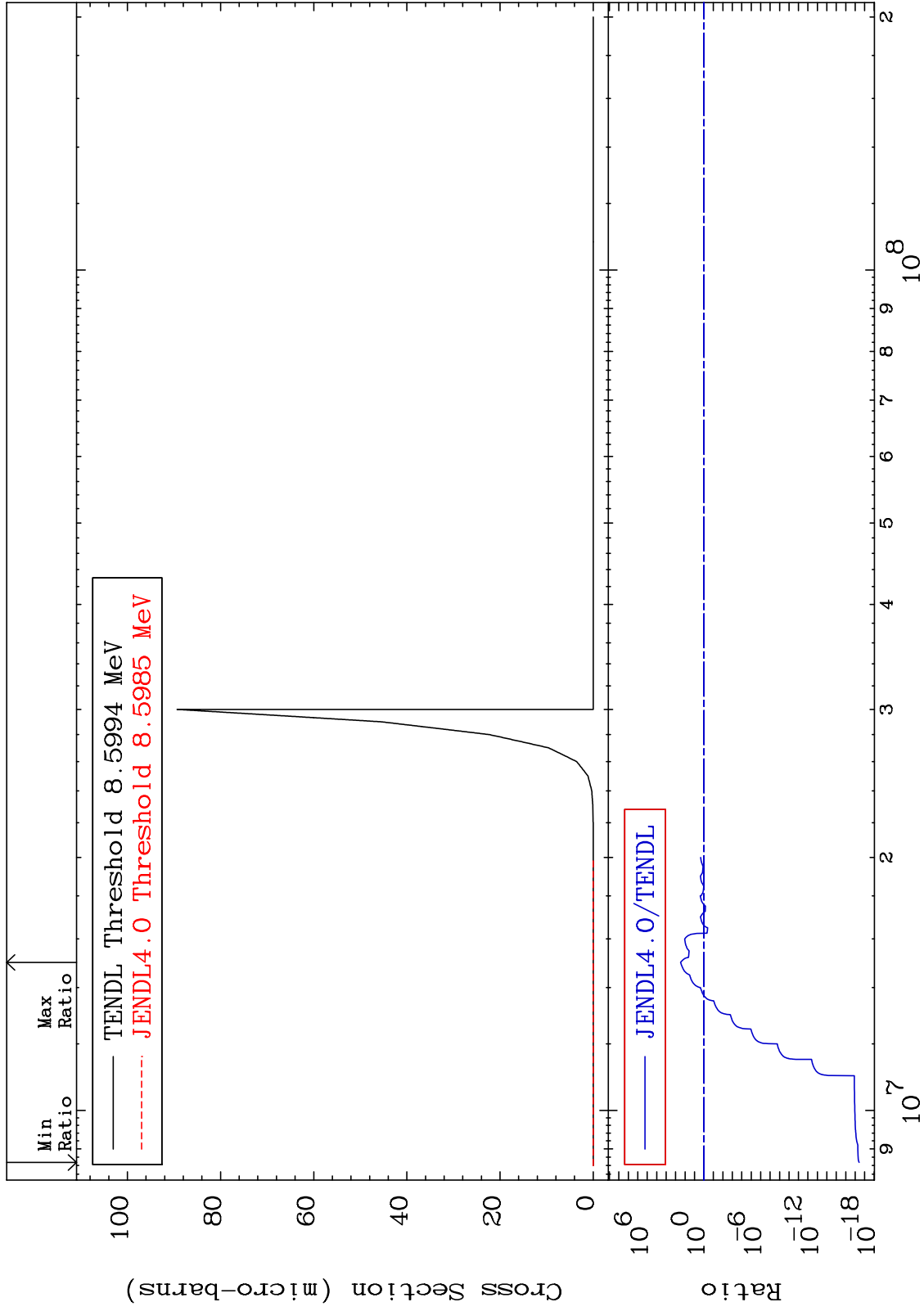
MAT 6649

(n, He-3)

66-Dy-164

Cross Section

-100.0 To 9999. %



32

Incident Energy (eV)

66-Dy-164

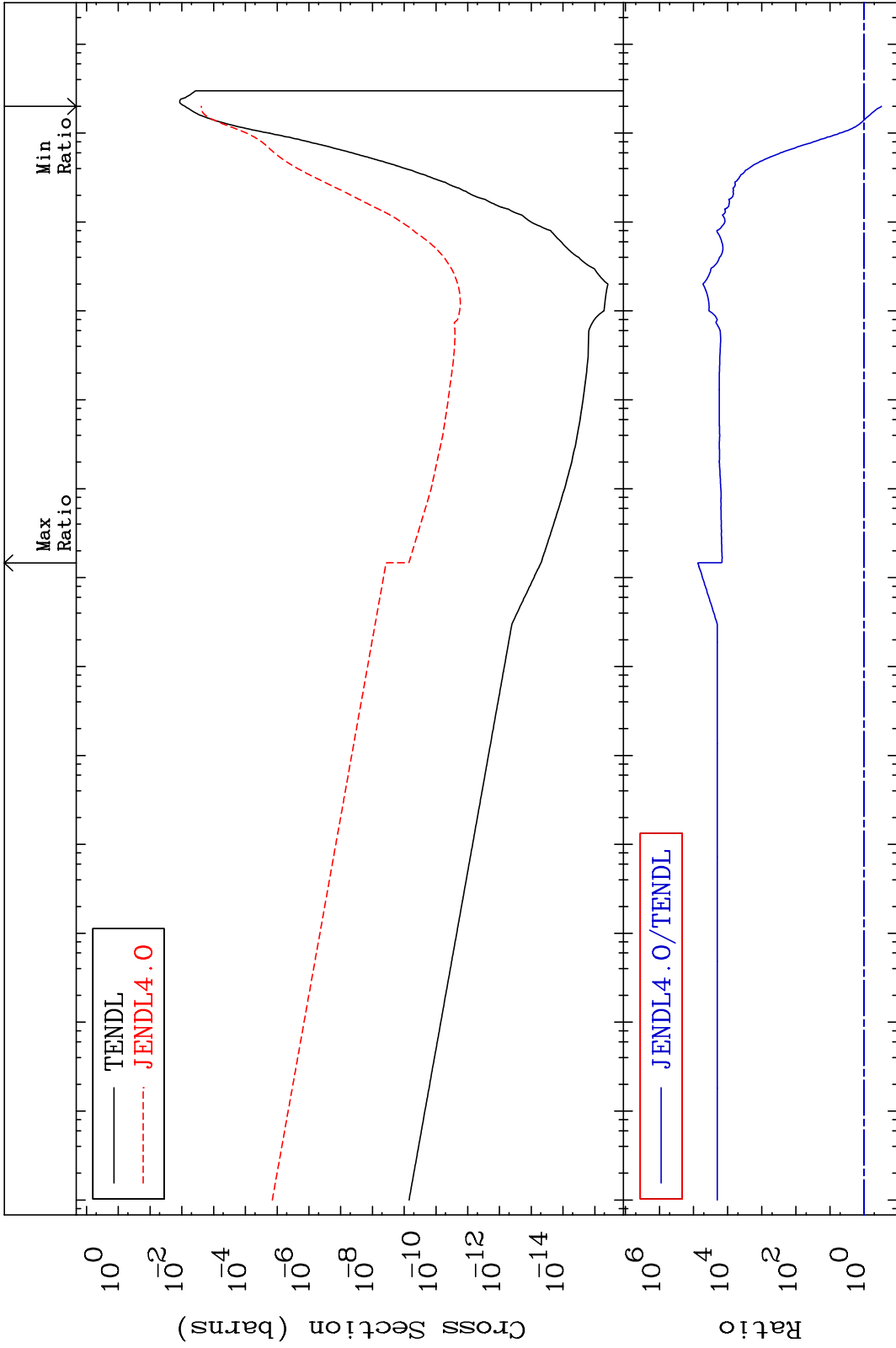
MAT 6649

(n, α)

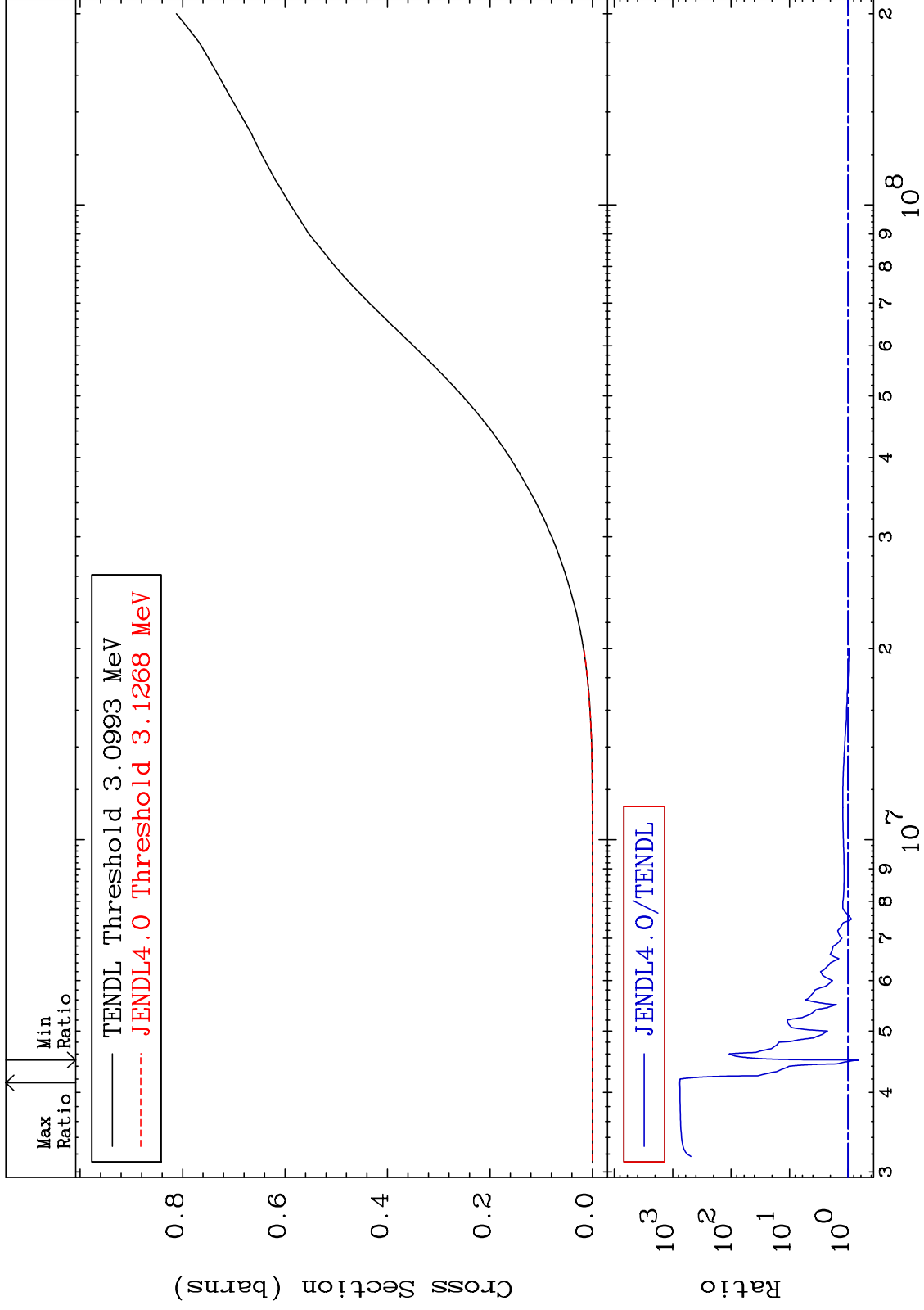
66-Dy-164

-69.27 To 9999. %

Cross Section



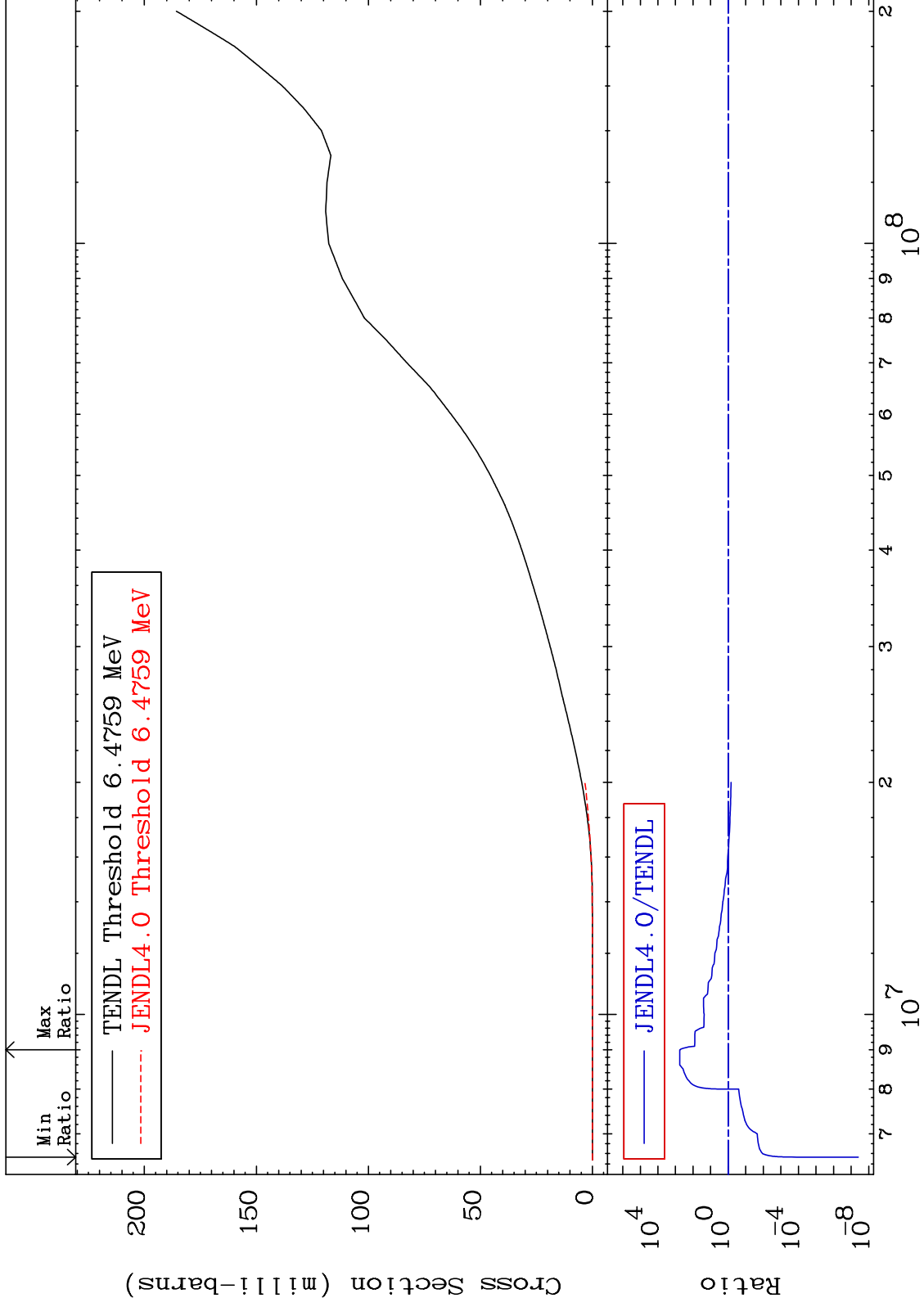
Incident Energy (eV)



MAT 6649

Deuterium Production
Cross Section

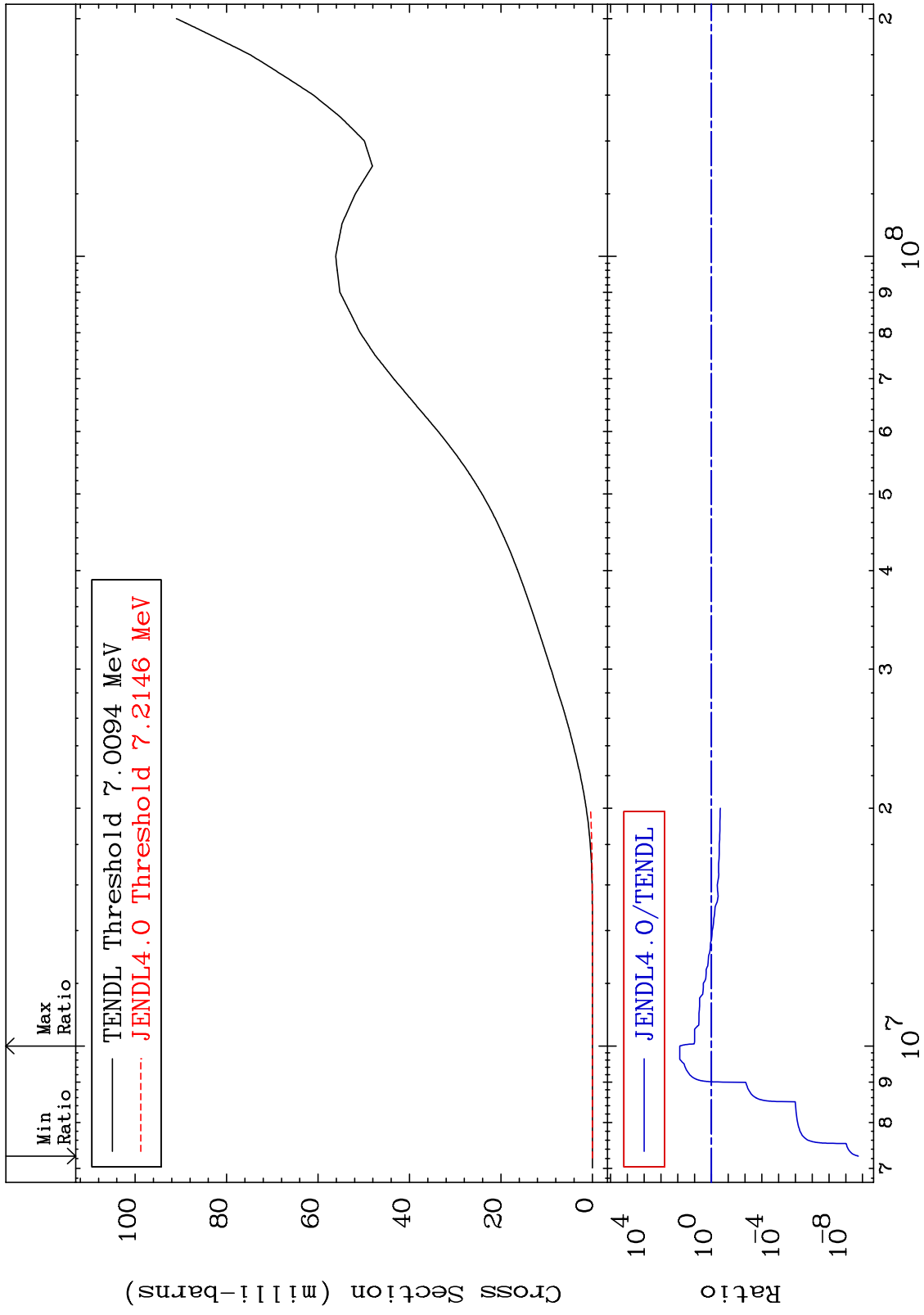
66-Dy-164
-100.0 To 9999. %



MAT 6649

Tritium Production
Cross Section

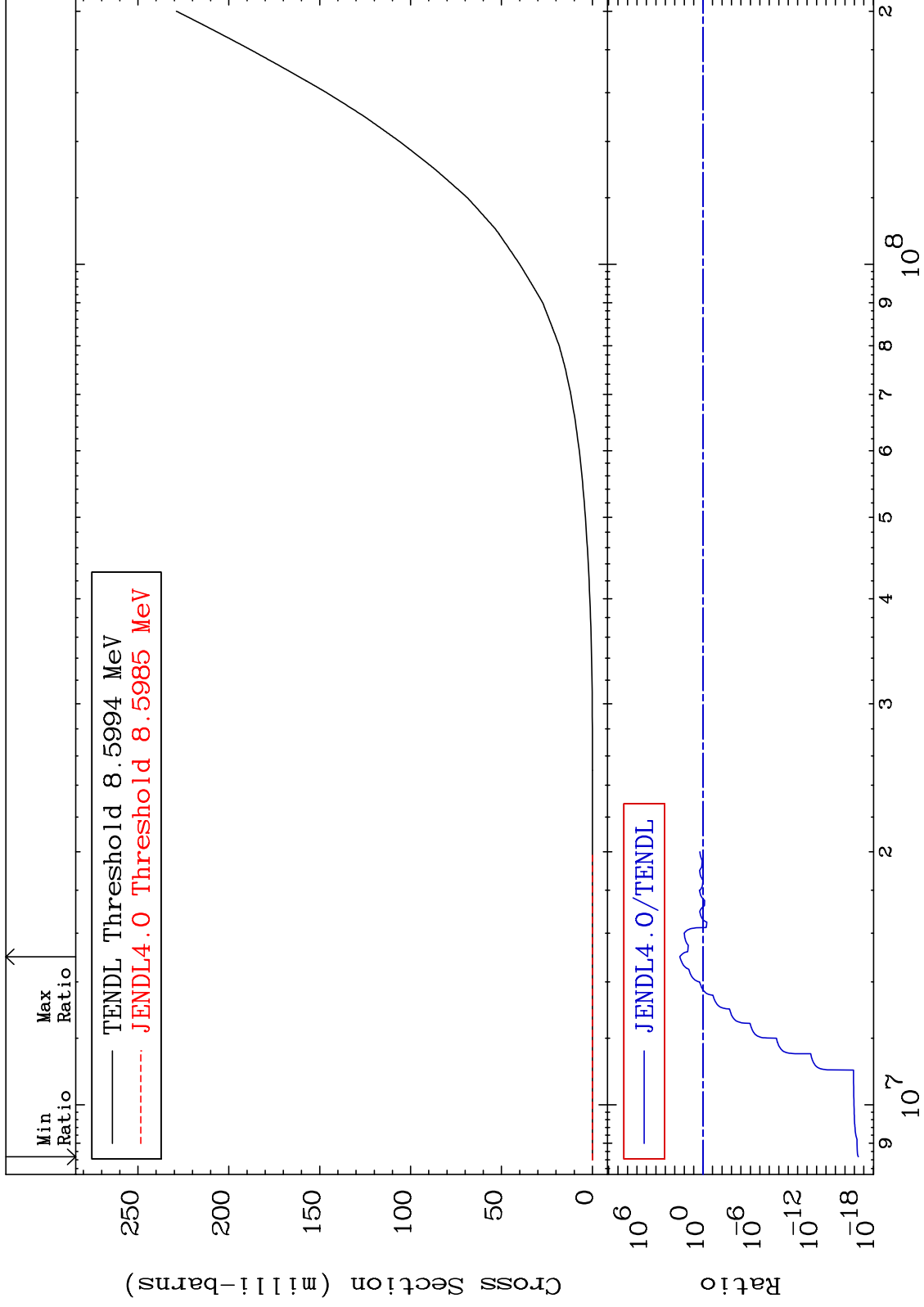
66-Dy-164
-100.0 To 7385. %



MAT 6649

He-3 Production
Cross Section

66-Dy-164
-100.0 To 9999. %



37

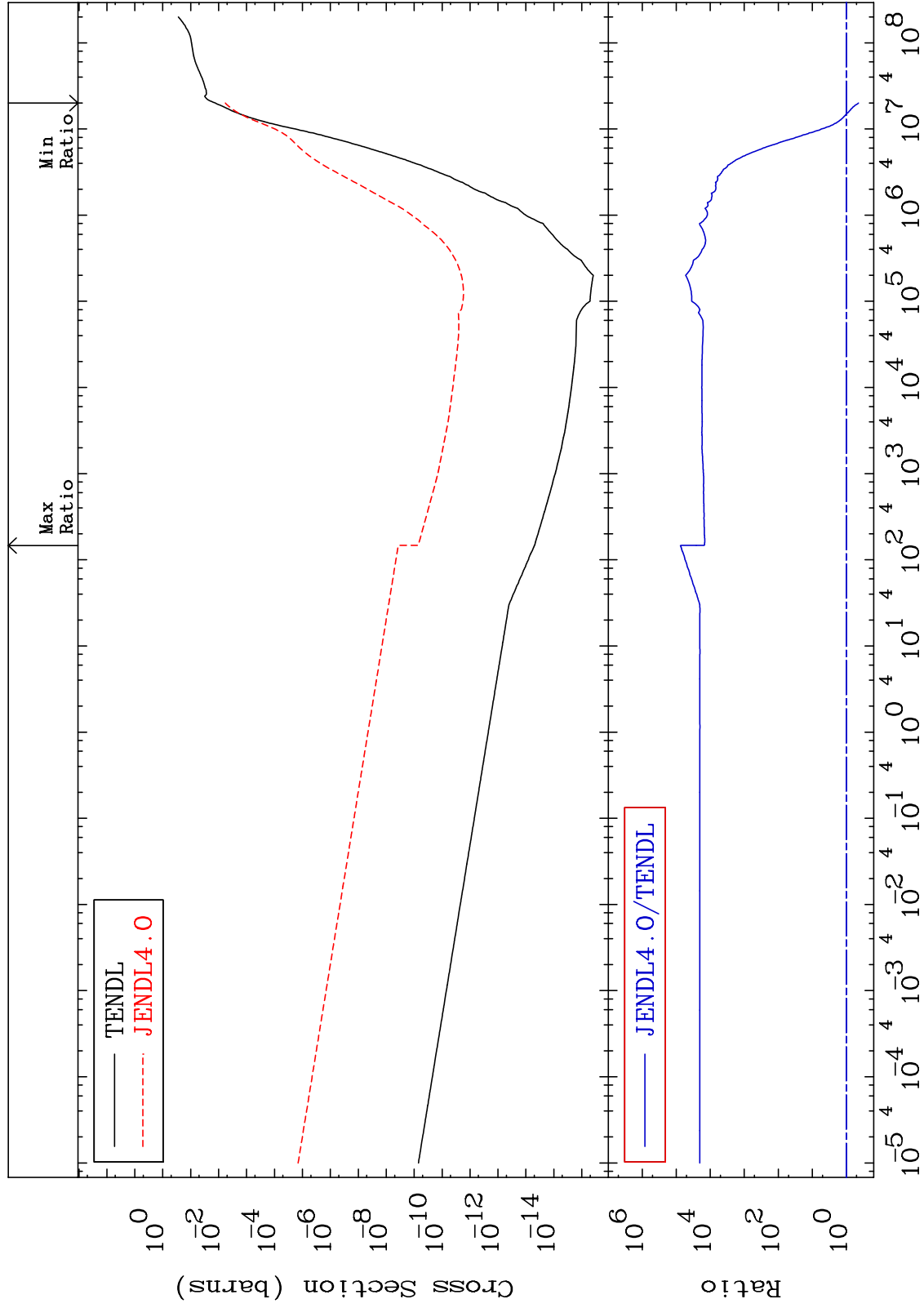
Incident Energy (eV)

66-Dy-164

MAT 6649

He-4 Production
Cross Section

66-Dy-164
-56.24 To 9999. %



38

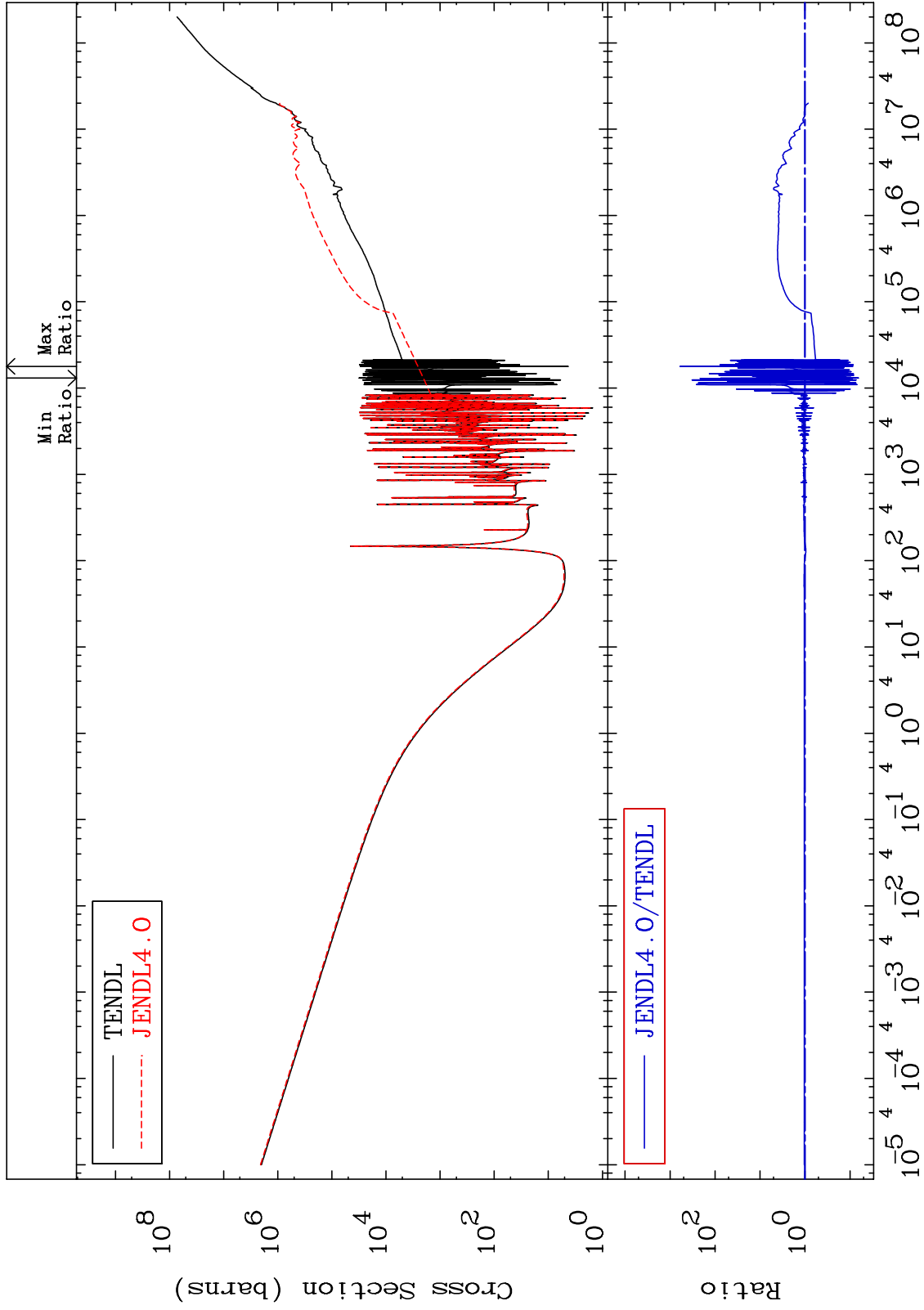
Incident Energy (eV)

66-Dy-164

MAT 6649

Kerma total (eV-barns)
Cross Section

66-Dy-164
-93.51 To 9999. %



39

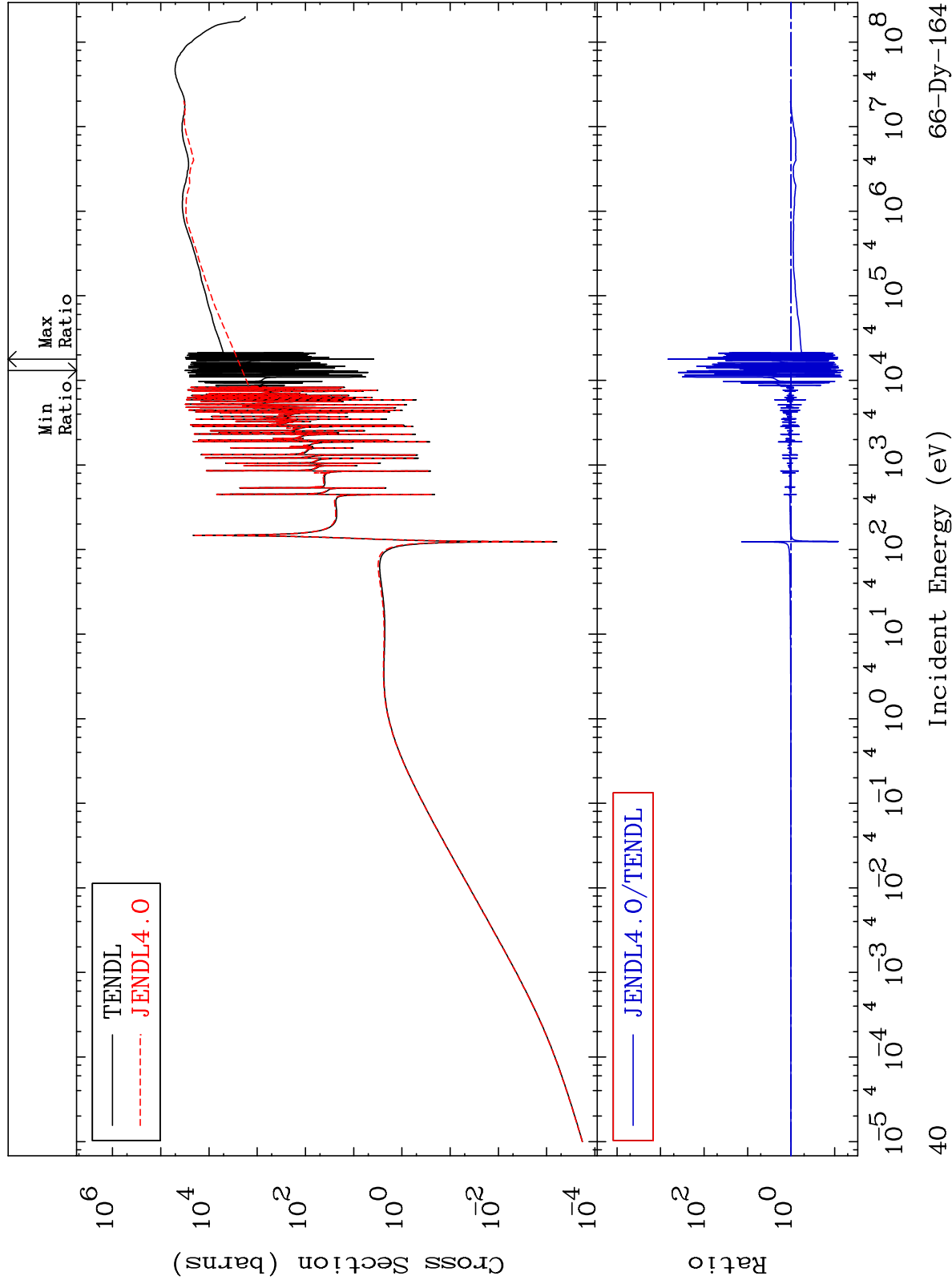
Incident Energy (eV)

66-Dy-164

MAT 6649

Kerma elastic
Cross Section

66-Dy-164
-93.52 To 9999. %



40

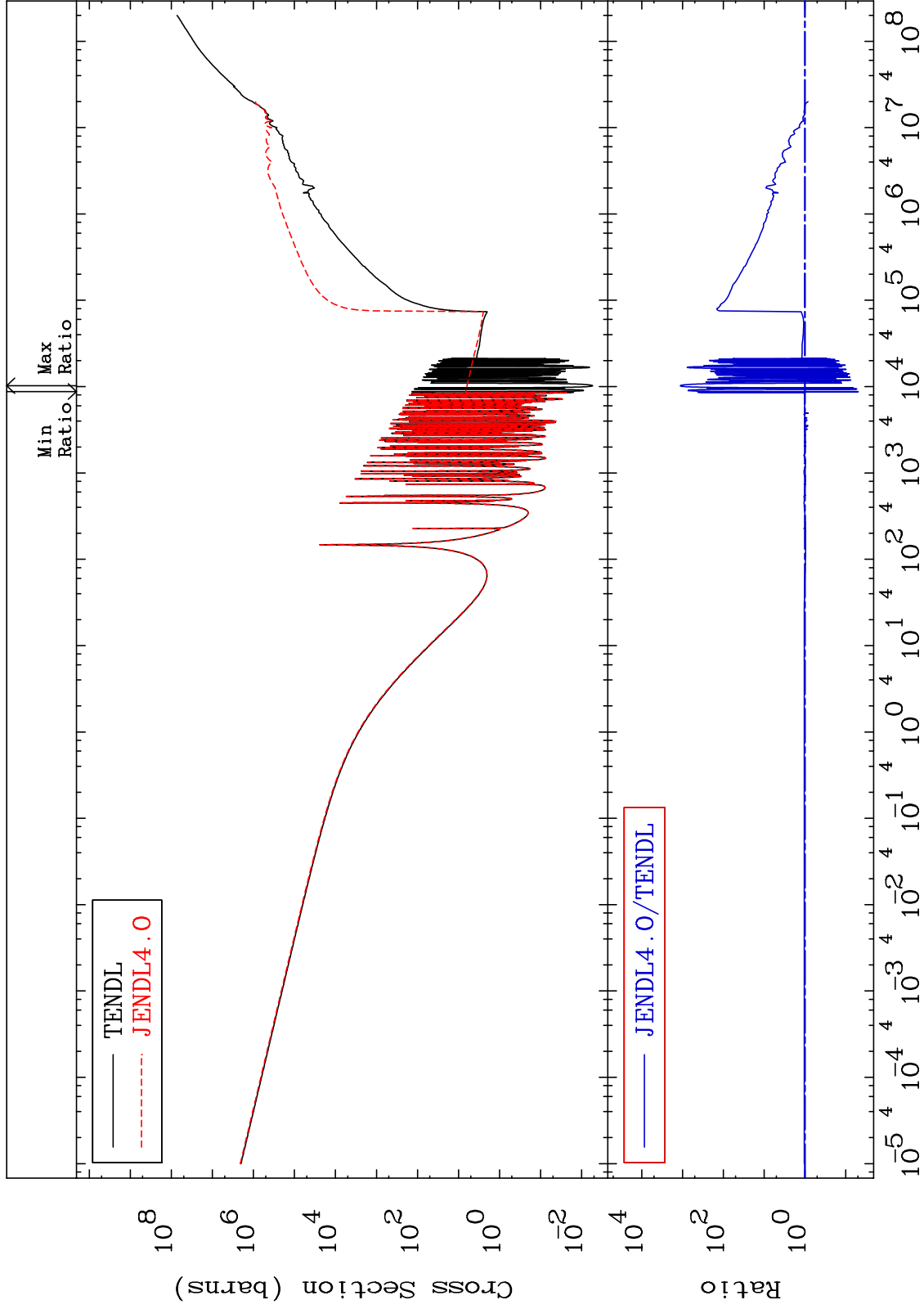
Incident Energy (eV)

66-Dy-164

MAT 6649

Kerma non-elastic (all but mt2)
Cross Section

66-Dy-164
-95.11 To 9999. %



41

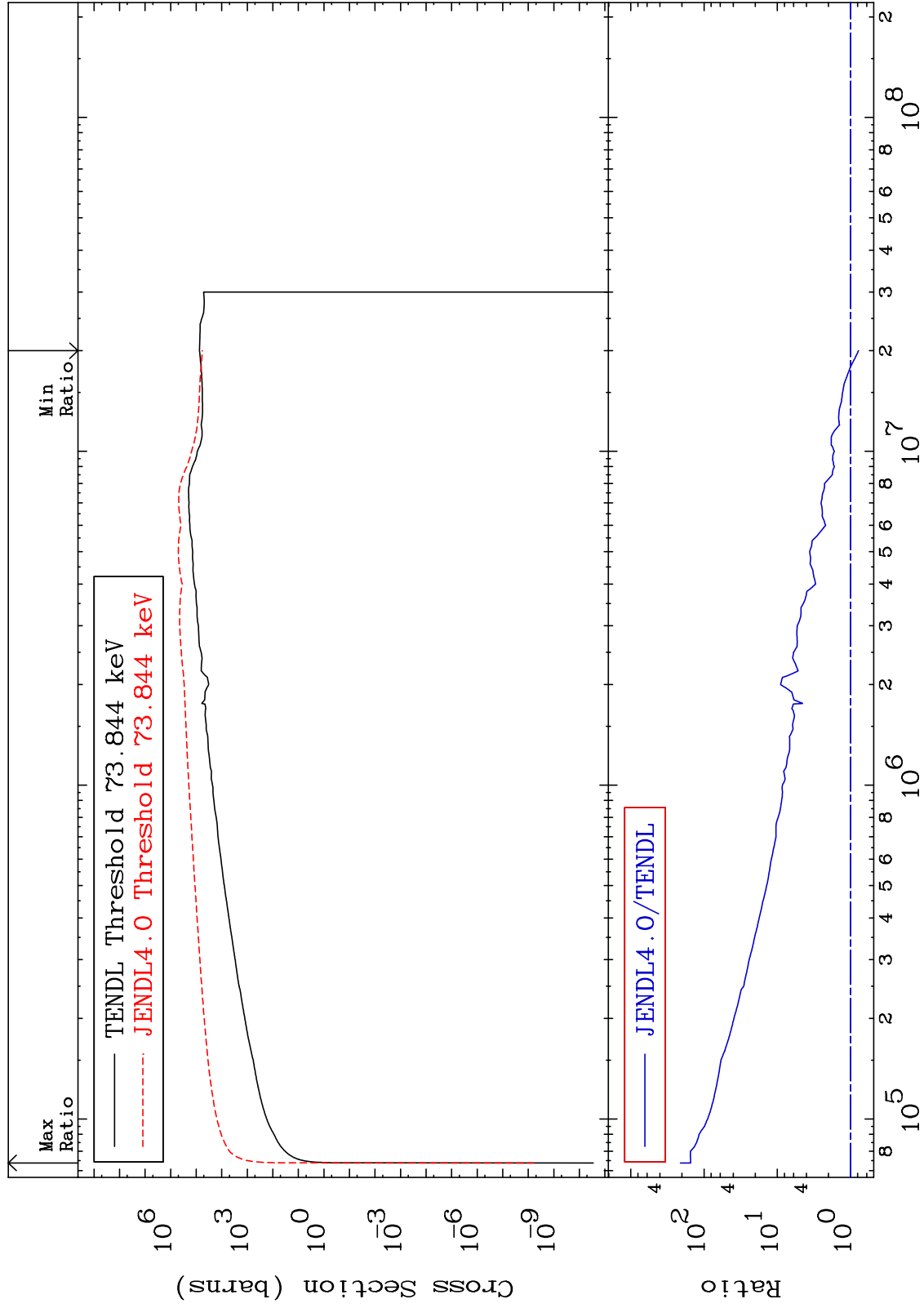
Incident Energy (eV)

66-Dy-164

MAT 6649

Kerma inelastic (mt51-91)
Cross Section

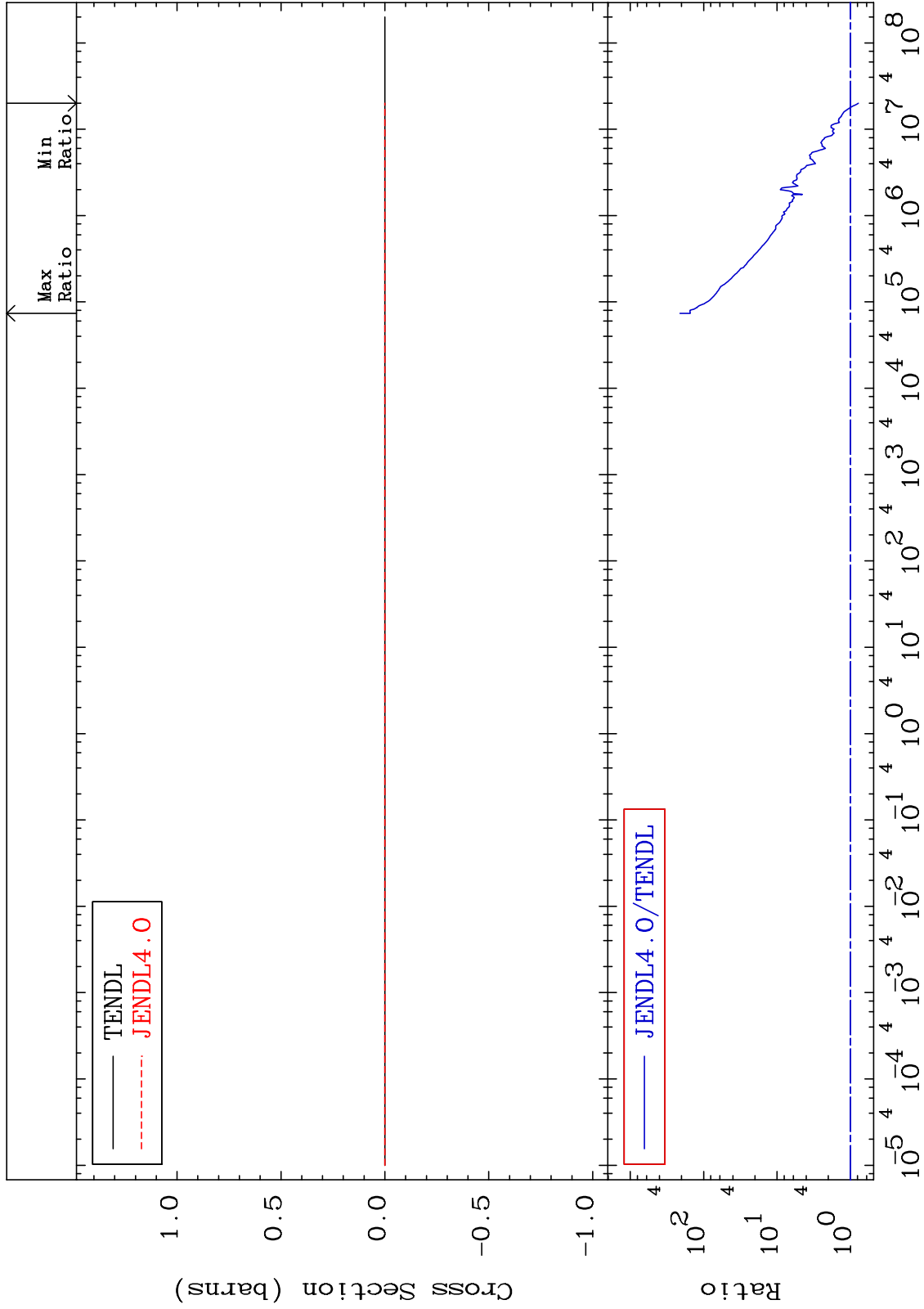
66-Dy-164
-22.11 To 9999. %



MAT 6649

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

66-Dy-164
-22.11 To 9999. %



43

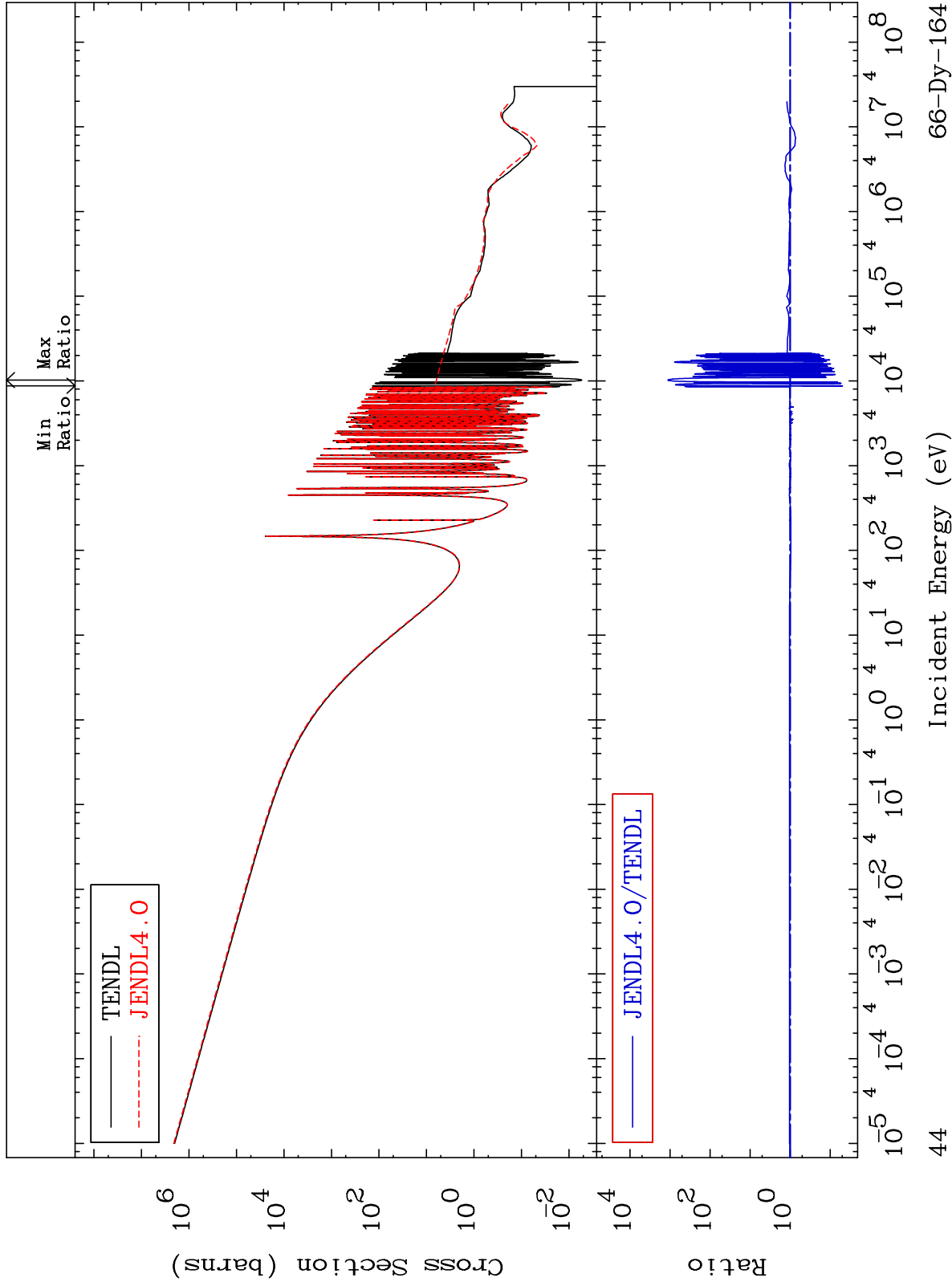
Incident Energy (eV)

66-Dy-164

MAT 6649

Kerma capture (mt102)
Cross Section

66-Dy-164
-95.11 To 9999. %



44

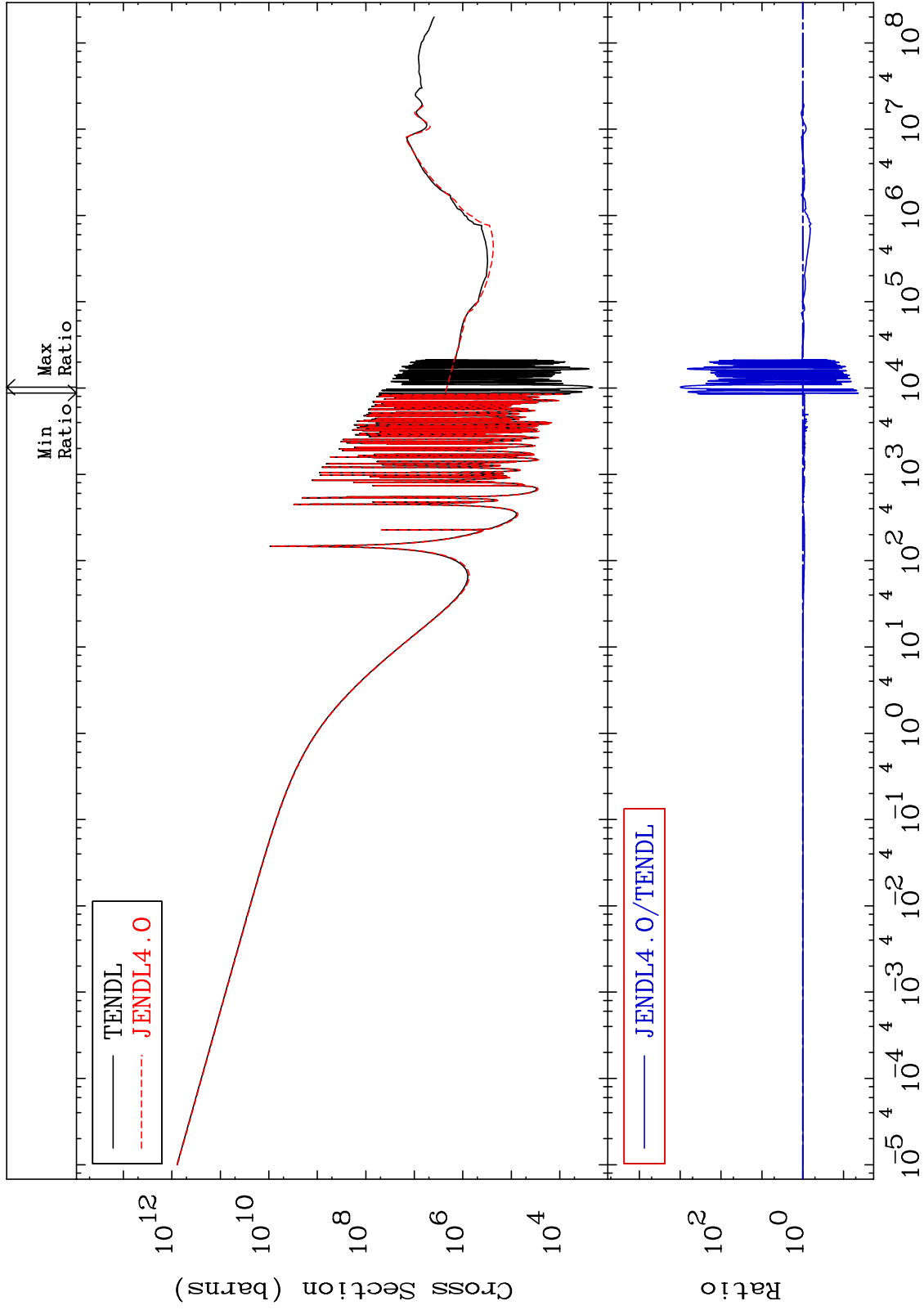
Incident Energy (eV)

66-Dy-164

MAT 6649

Total photon (eV-barns)
Cross Section

66-Dy-164
-95.69 To 9999. %



45

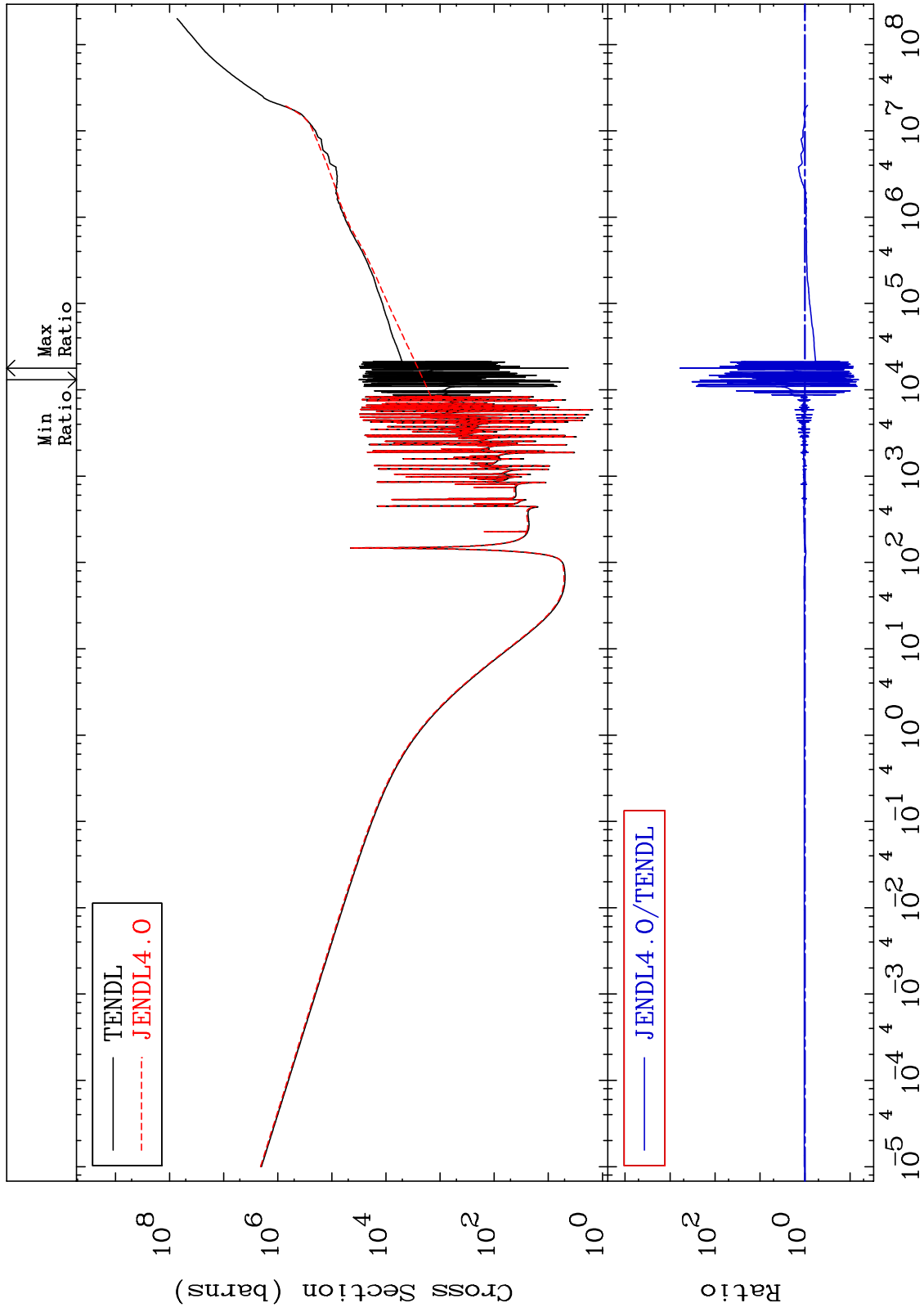
Incident Energy (eV)

66-Dy-164

MAT 6649

Total kinematic kerma (high limit)
Cross Section

66-Dy-164
-93.51 To 9999. %



46

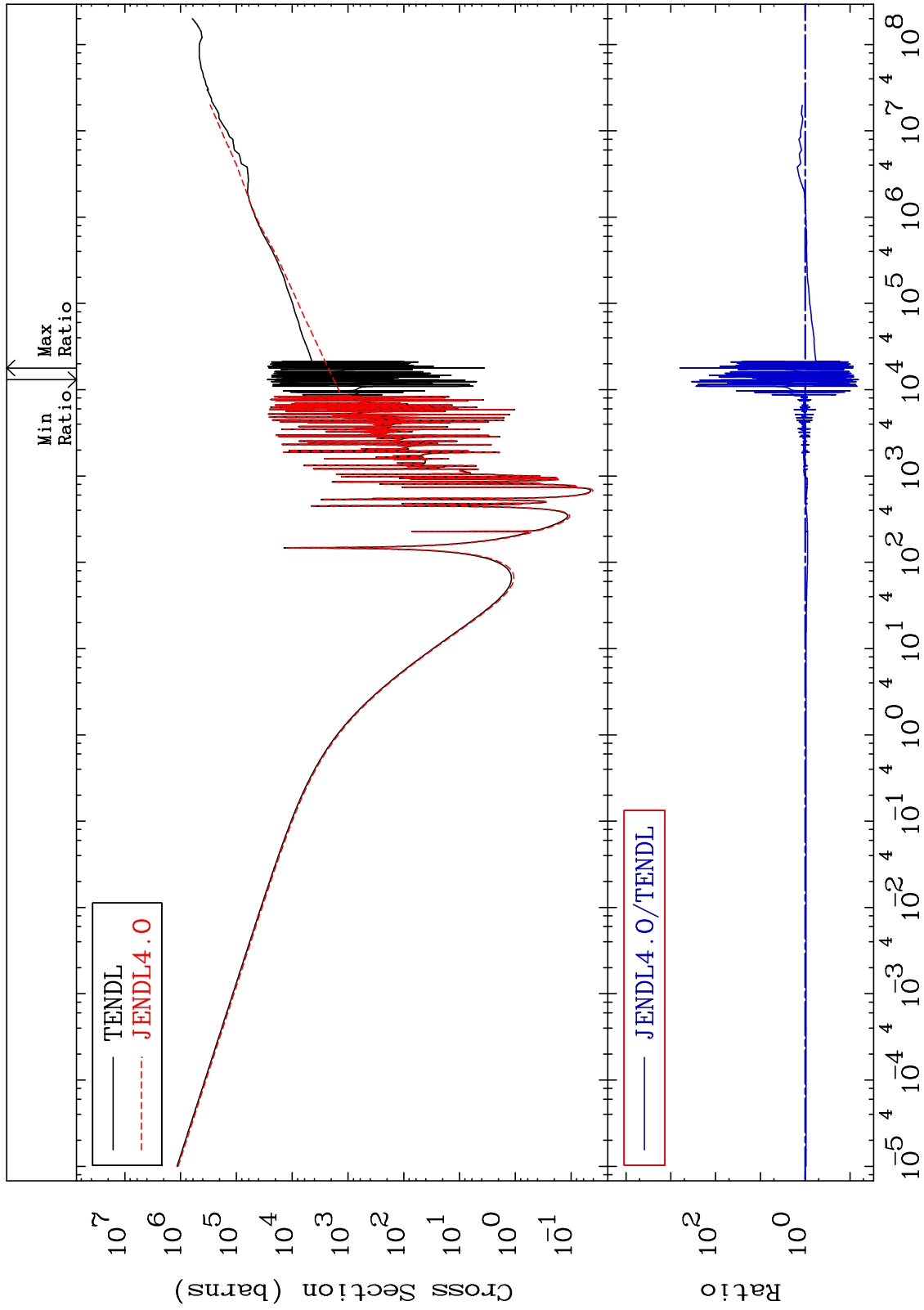
Incident Energy (eV)

66-Dy-164

MAT 6649

Dpa total (eV-barns)
Cross Section

66-Dy-164
-93.52 To 9999. %



47

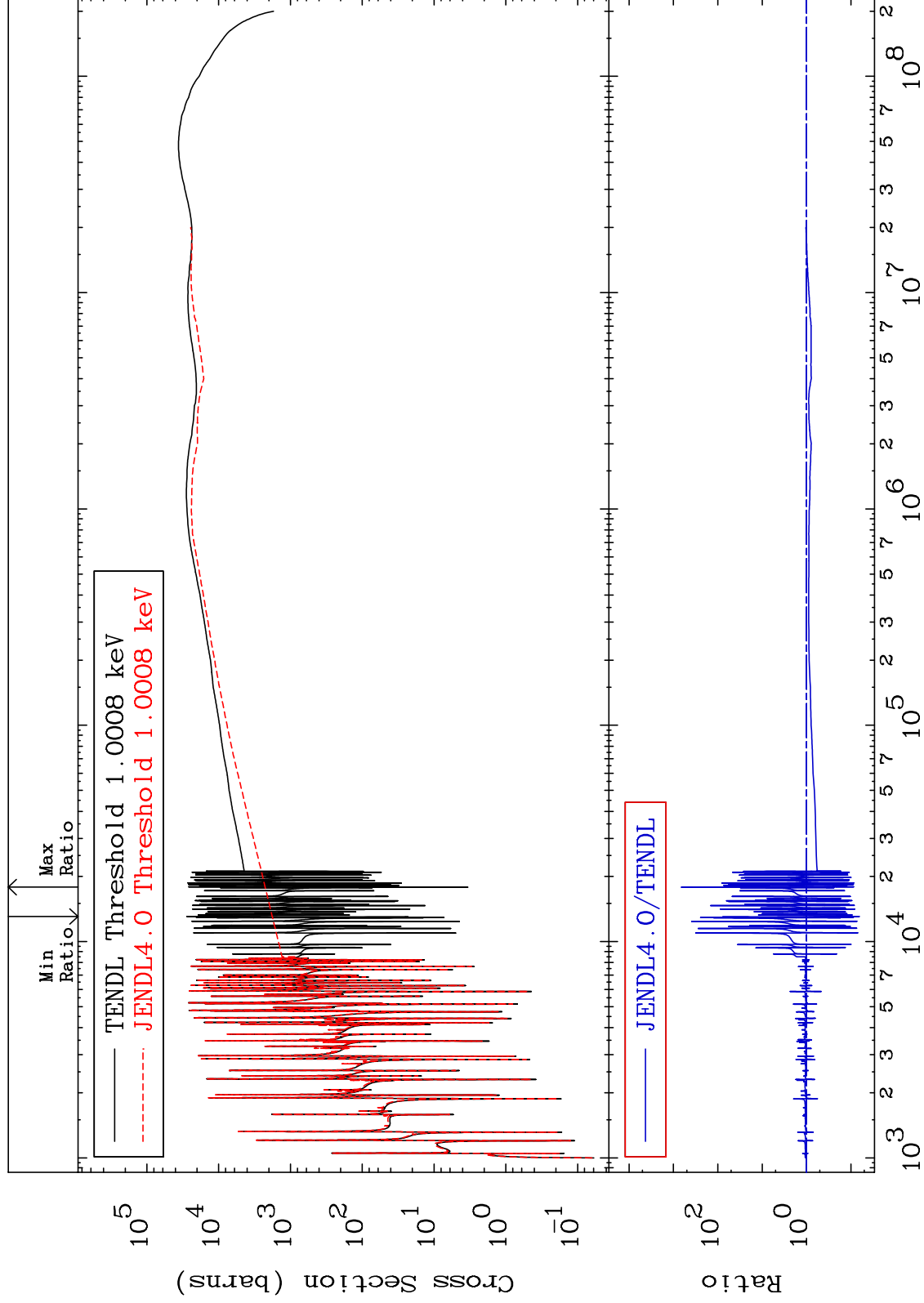
Incident Energy (eV)

66-Dy-164

MAT 6649

Dpa elastic (mt2)
Cross Section

66-Dy-164
-93.53 To 9999. %



48

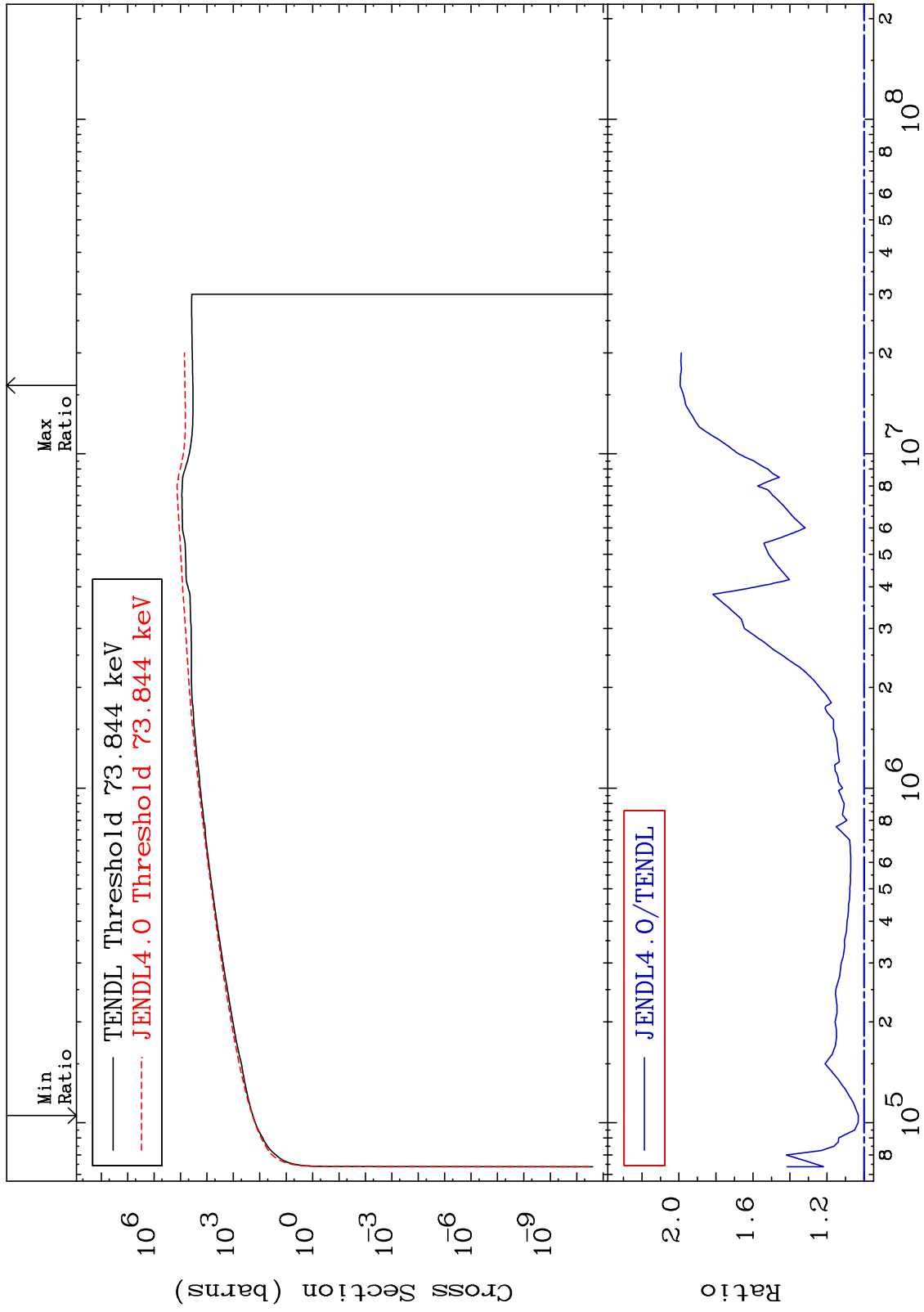
Incident Energy (eV)

66-Dy-164

MAT 6649

Dpa inelastic (mt51-91)
Cross Section

66-Dy-164
3.015 To 99.43 %



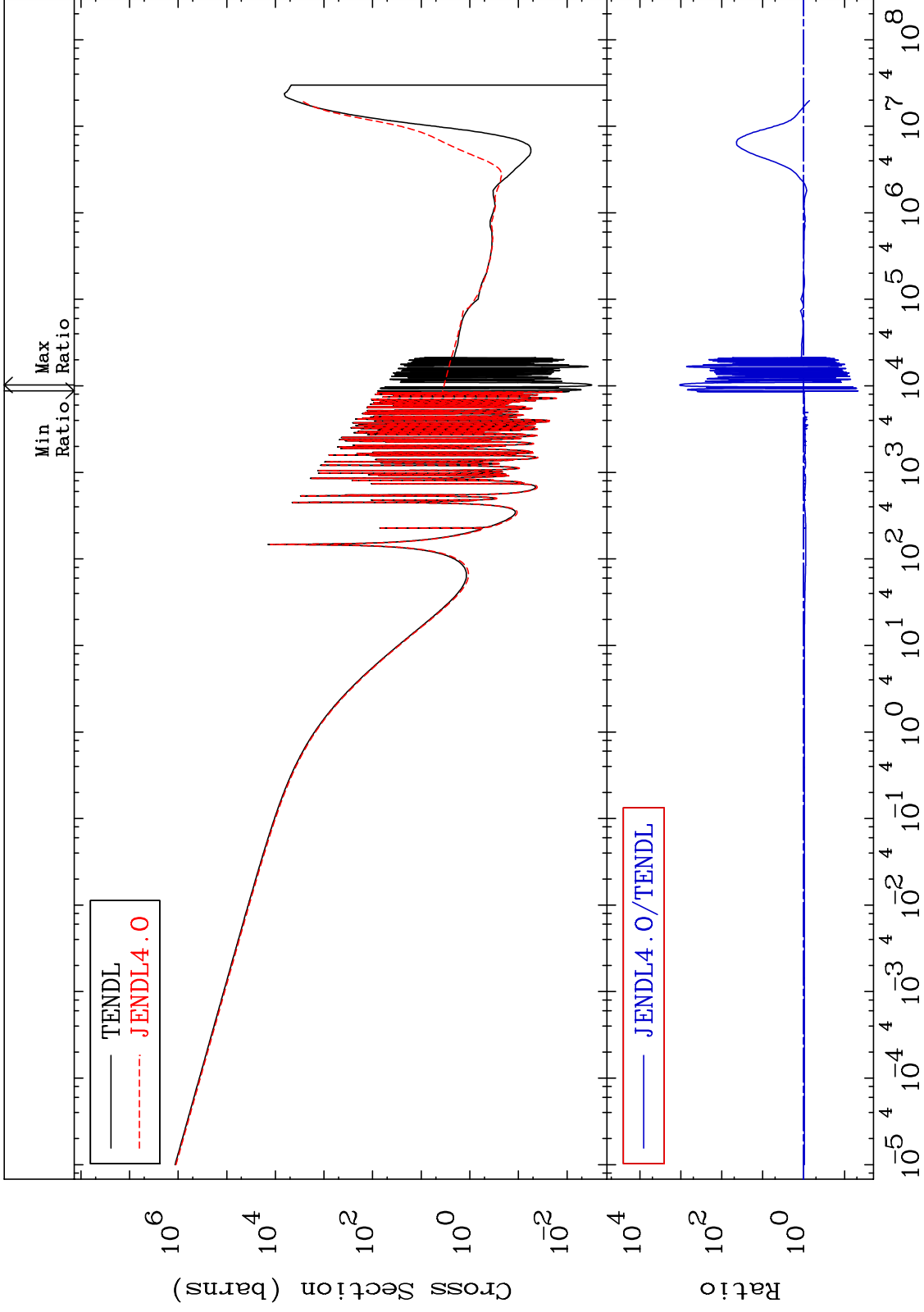
49

66-Dy-164

MAT 6649

Dpa disappearance (mt102 -120)
Cross Section

66-Dy-164
-95.38 To 9999. %



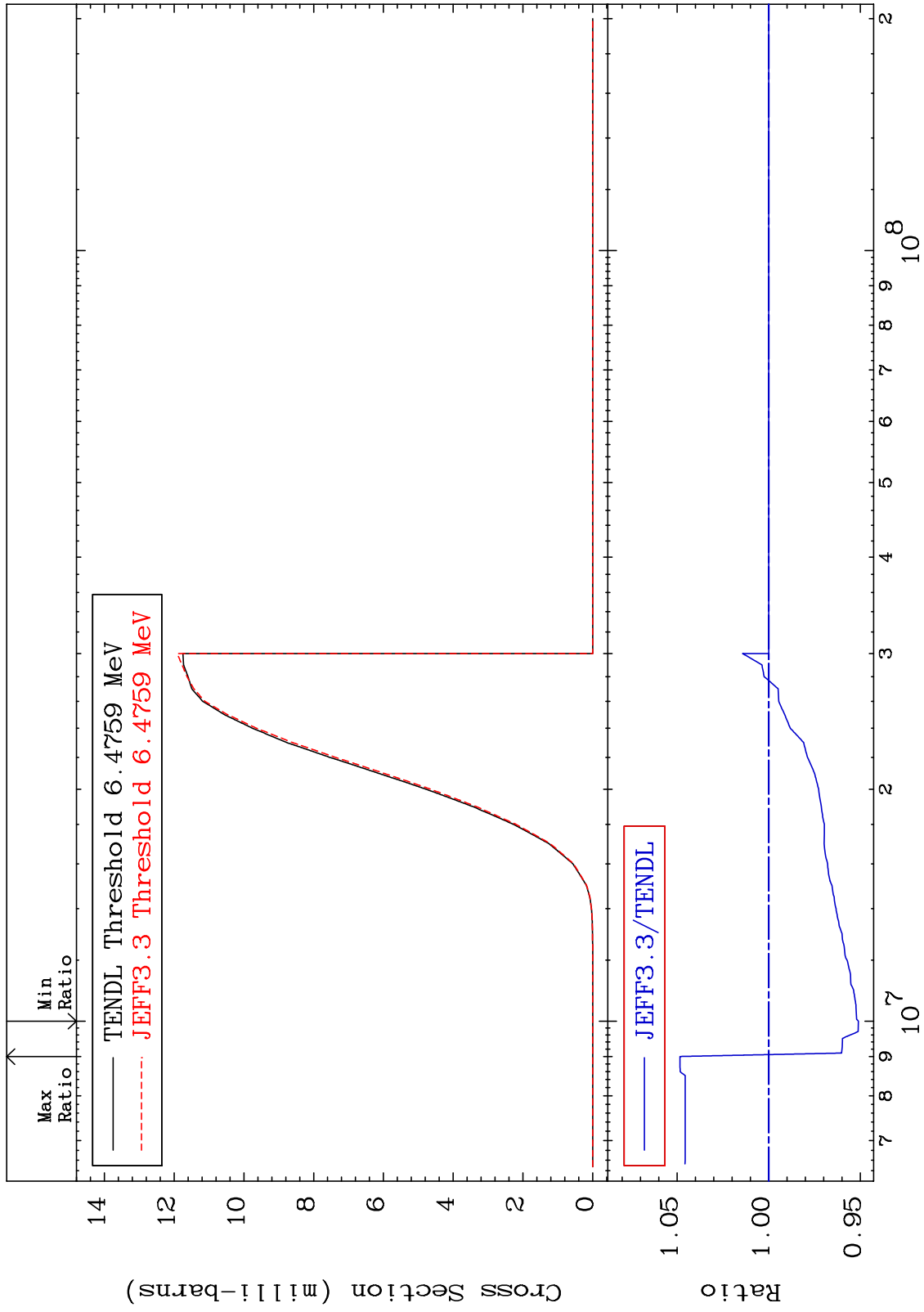
MAT 6649

(n, d)

66-Dy-164

Cross Section

-4.892 To 4.840 %



51

Incident Energy (eV)

66-Dy-164

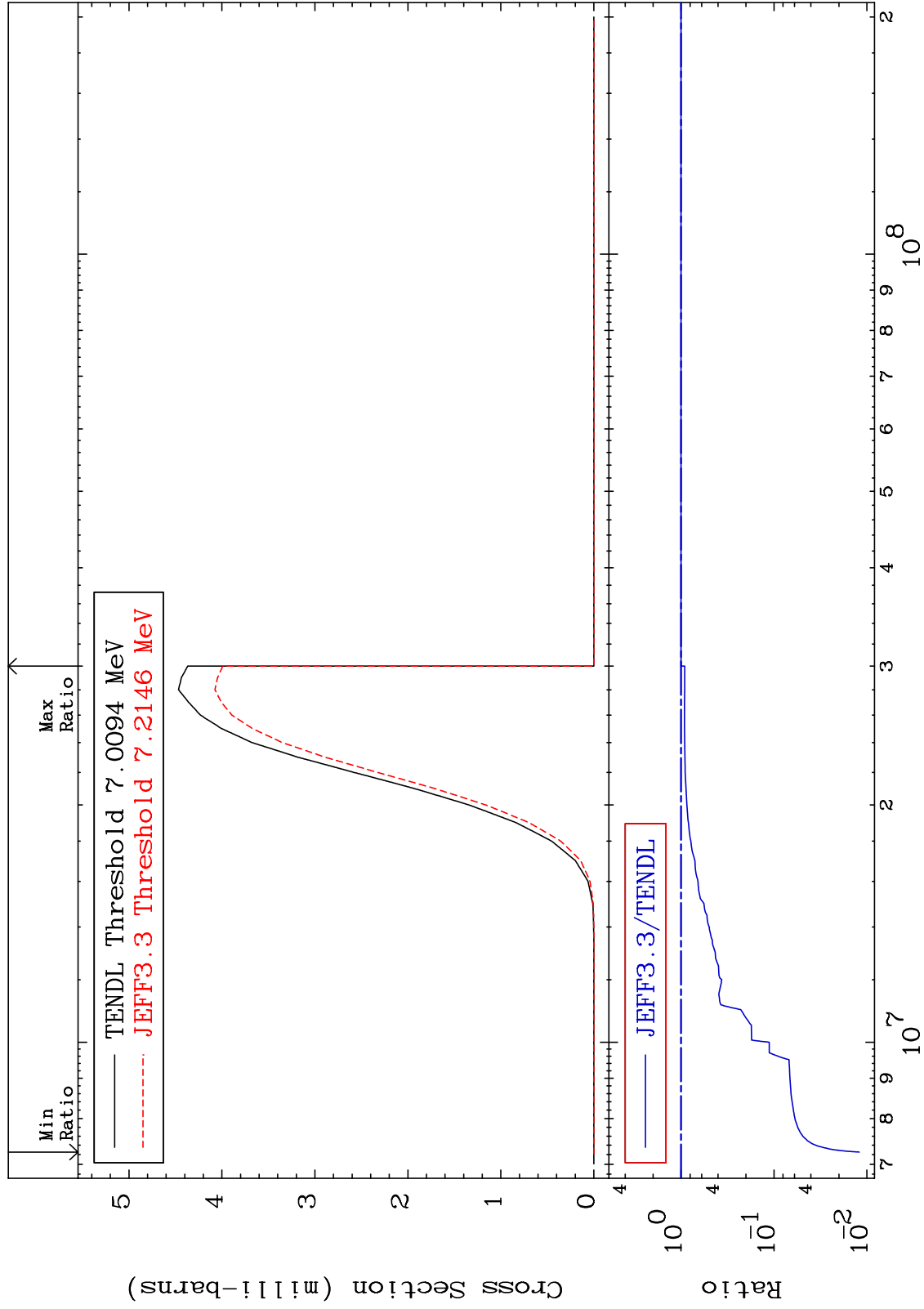
MAT 6649

(n, t)

66-Dy-164

Cross Section

-98.79 To 0.000 %



52

Incident Energy (eV)

66-Dy-164

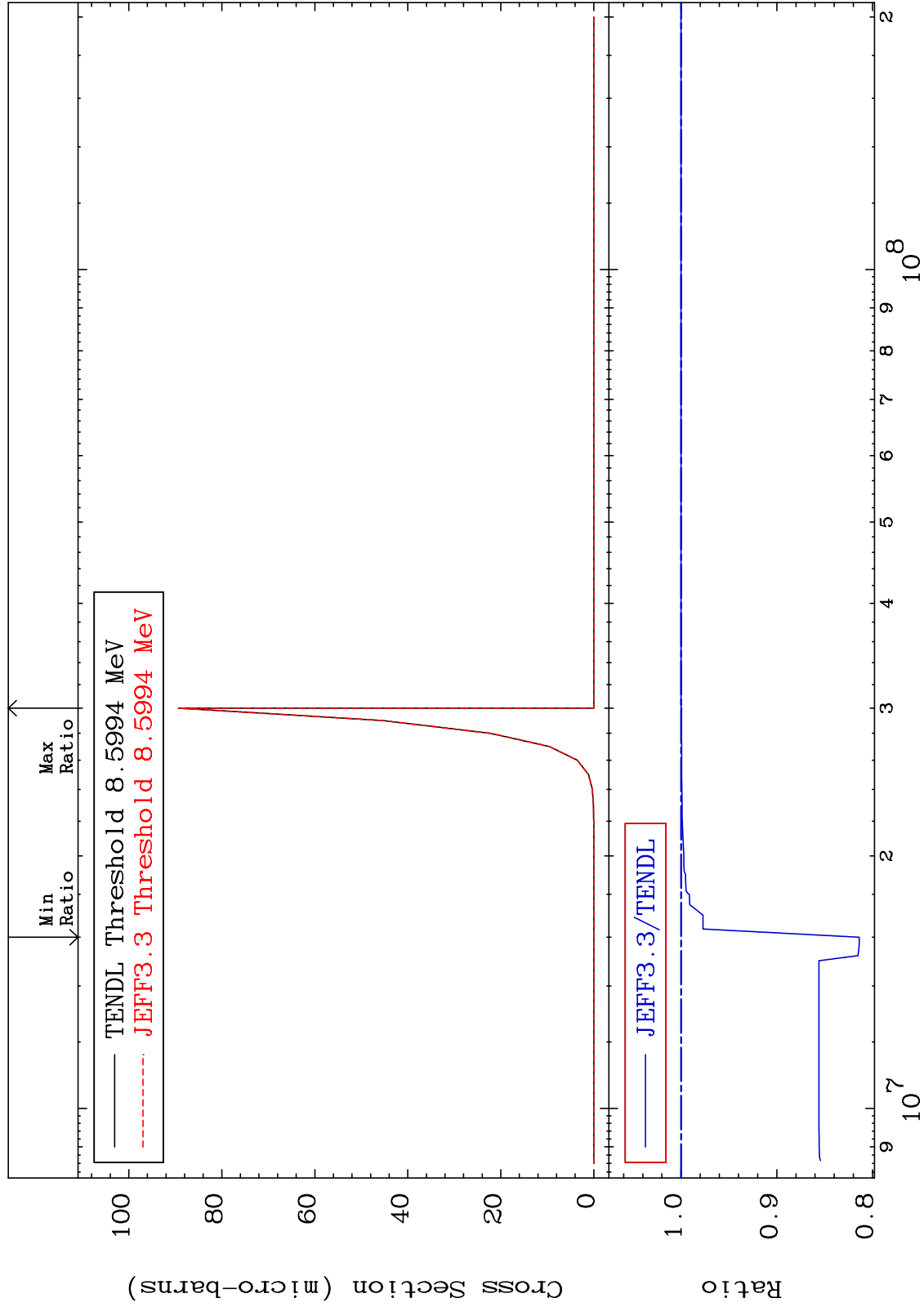
MAT 6649

(n, He-3)

66-Dy-164

Cross Section

-18.62 To 0.000 %



53

Incident Energy (eV)

66-Dy-164

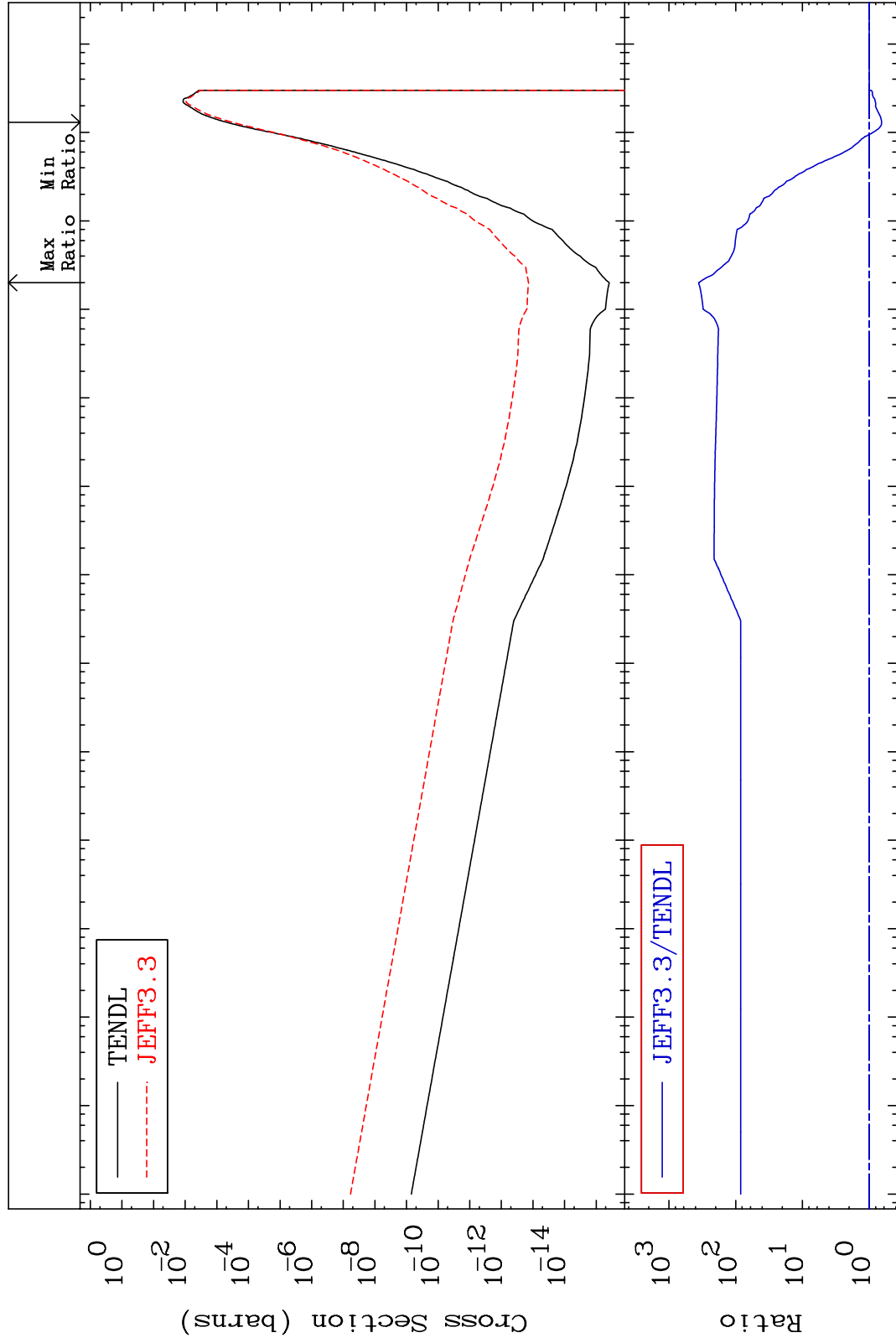
MAT 6649

(n, α)

66-Dy-164

Cross Section

-34.82 To 9999. %



Incident Energy (eV)

66-Dy-164

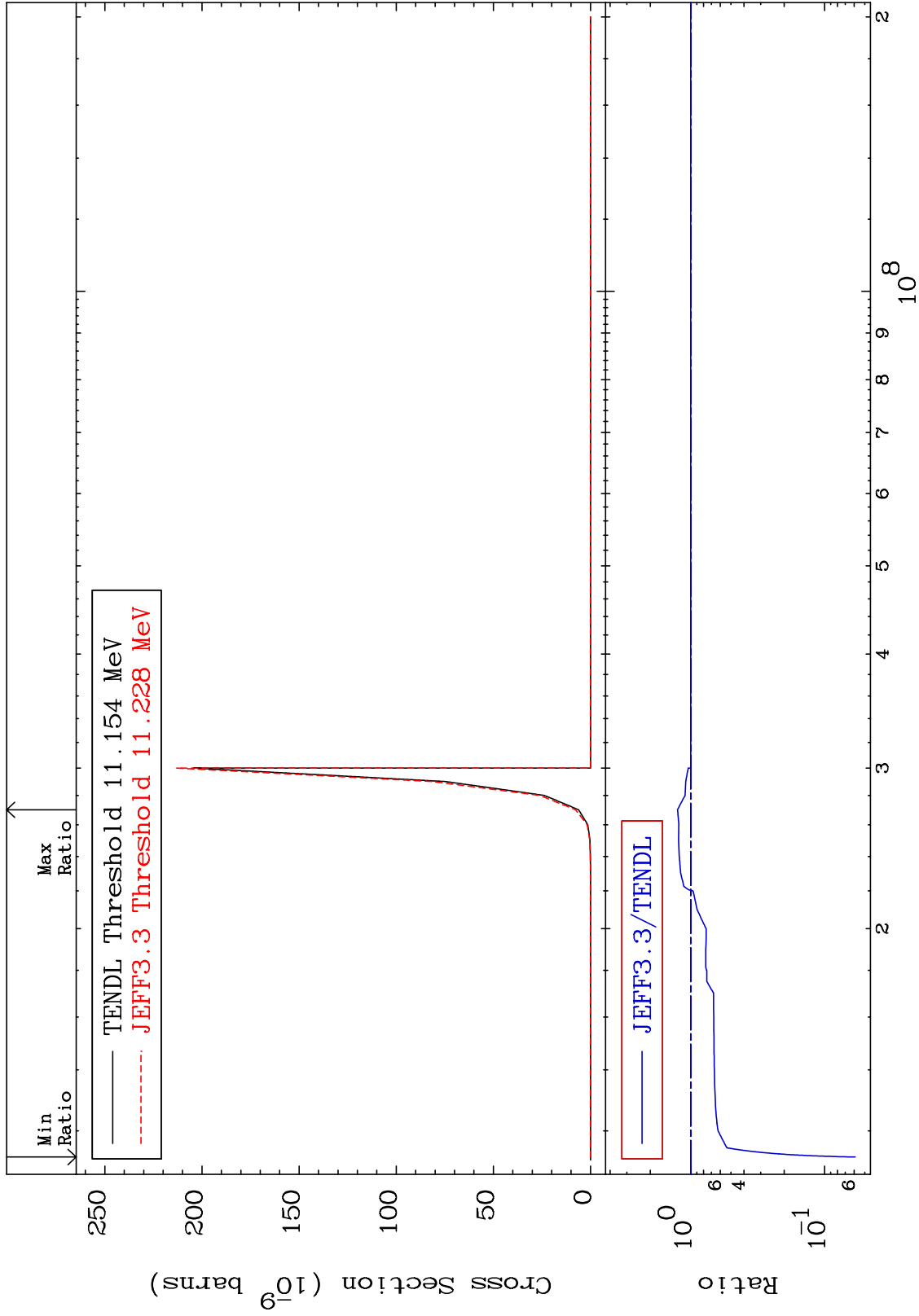
MAT 6649

(n,2p)

66-Dy-164

Cross Section

-94.11 To 25.34 %



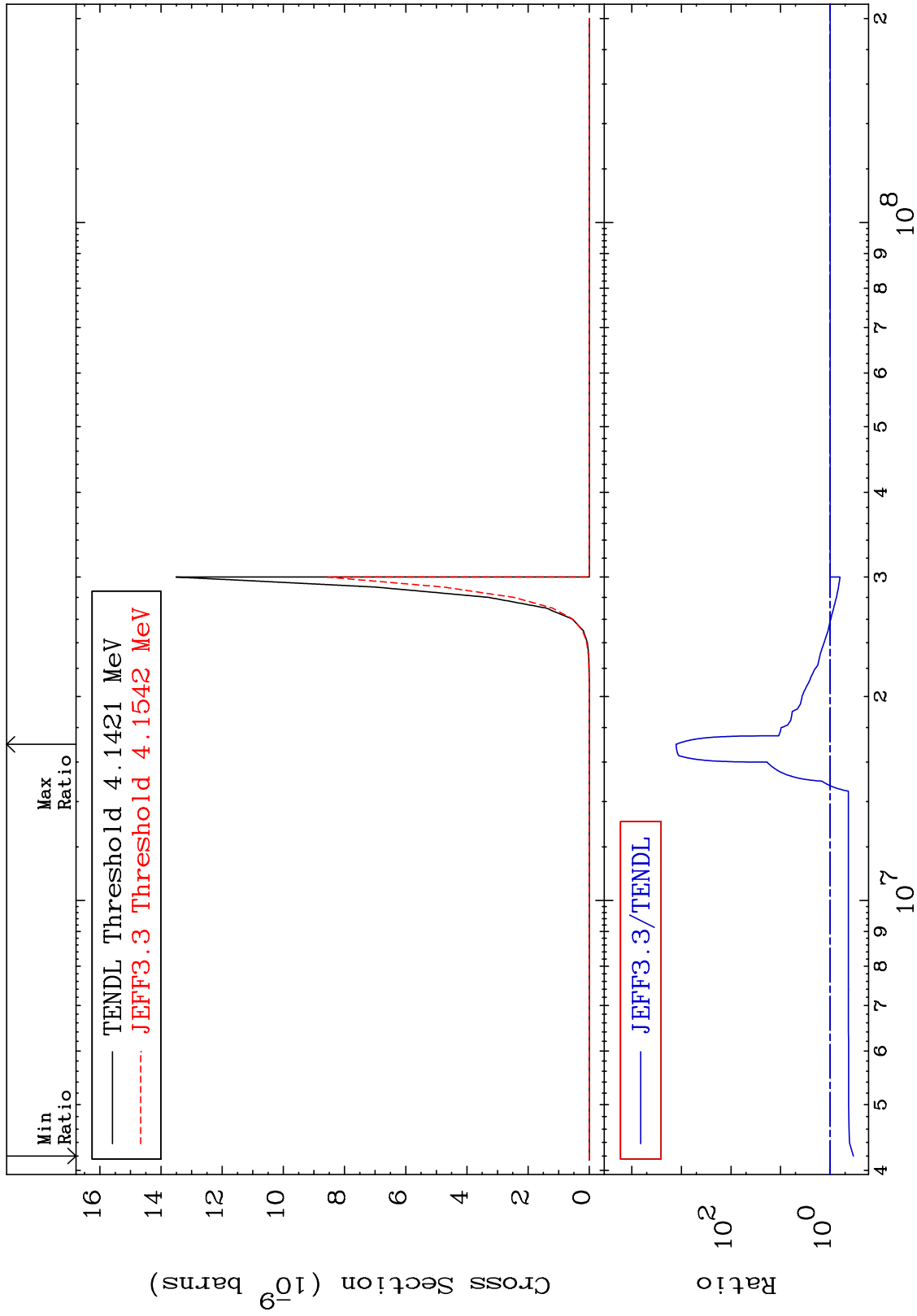
MAT 6649

(n,p) α

66-Dy-164

Cross Section

-65.92 To 9999. %



56

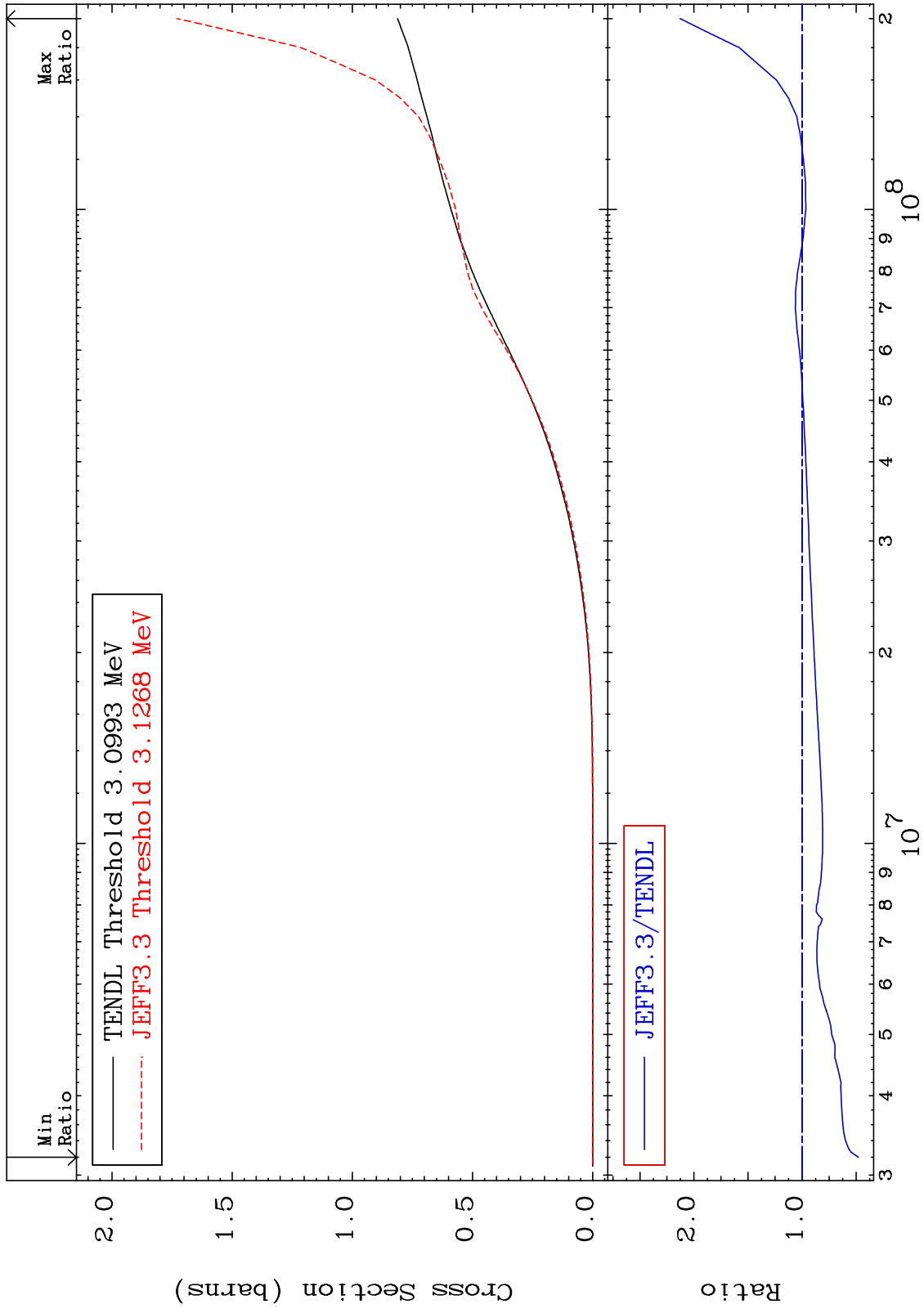
Incident Energy (eV)

66-Dy-164

MAT 6649

Hydrogen Production
Cross Section

66-Dy-164
-51.99 To 112.9 %



57

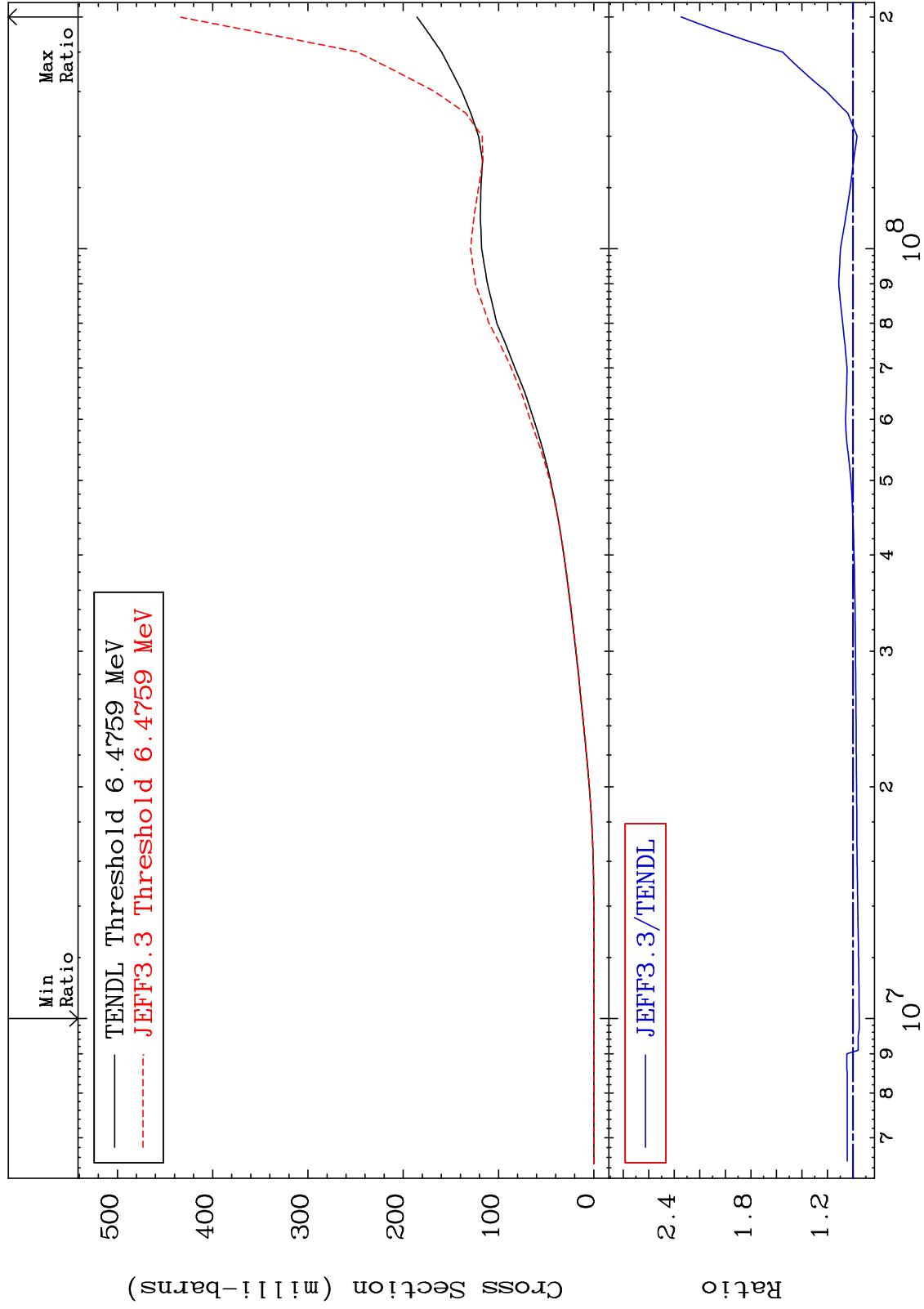
Incident Energy (eV)

66-Dy-164

MAT 6649

Deuterium Production
Cross Section

66-Dy-164
-4.892 To 134.7 %



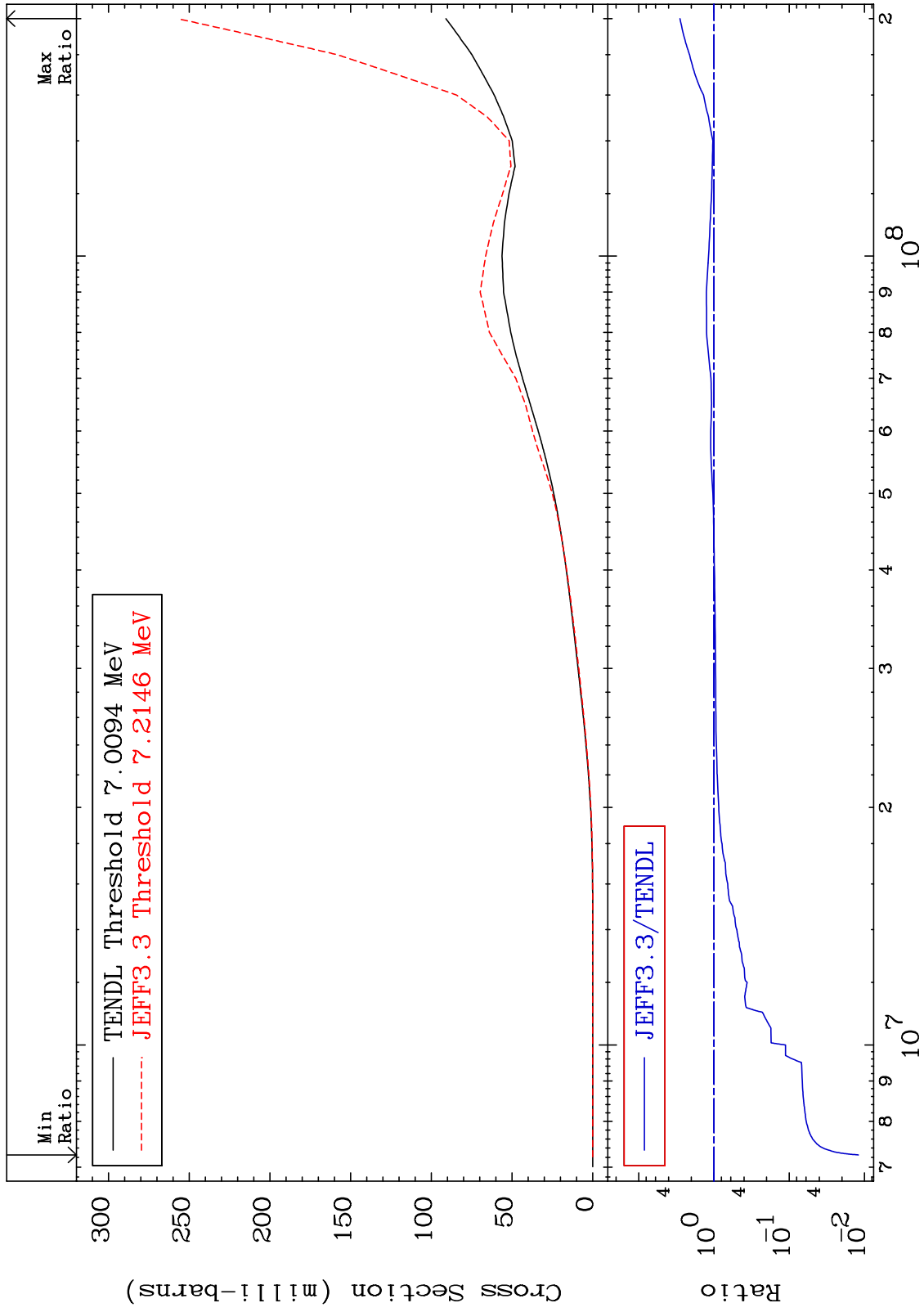
58

66-Dy-164

MAT 6649

Tritium Production
Cross Section

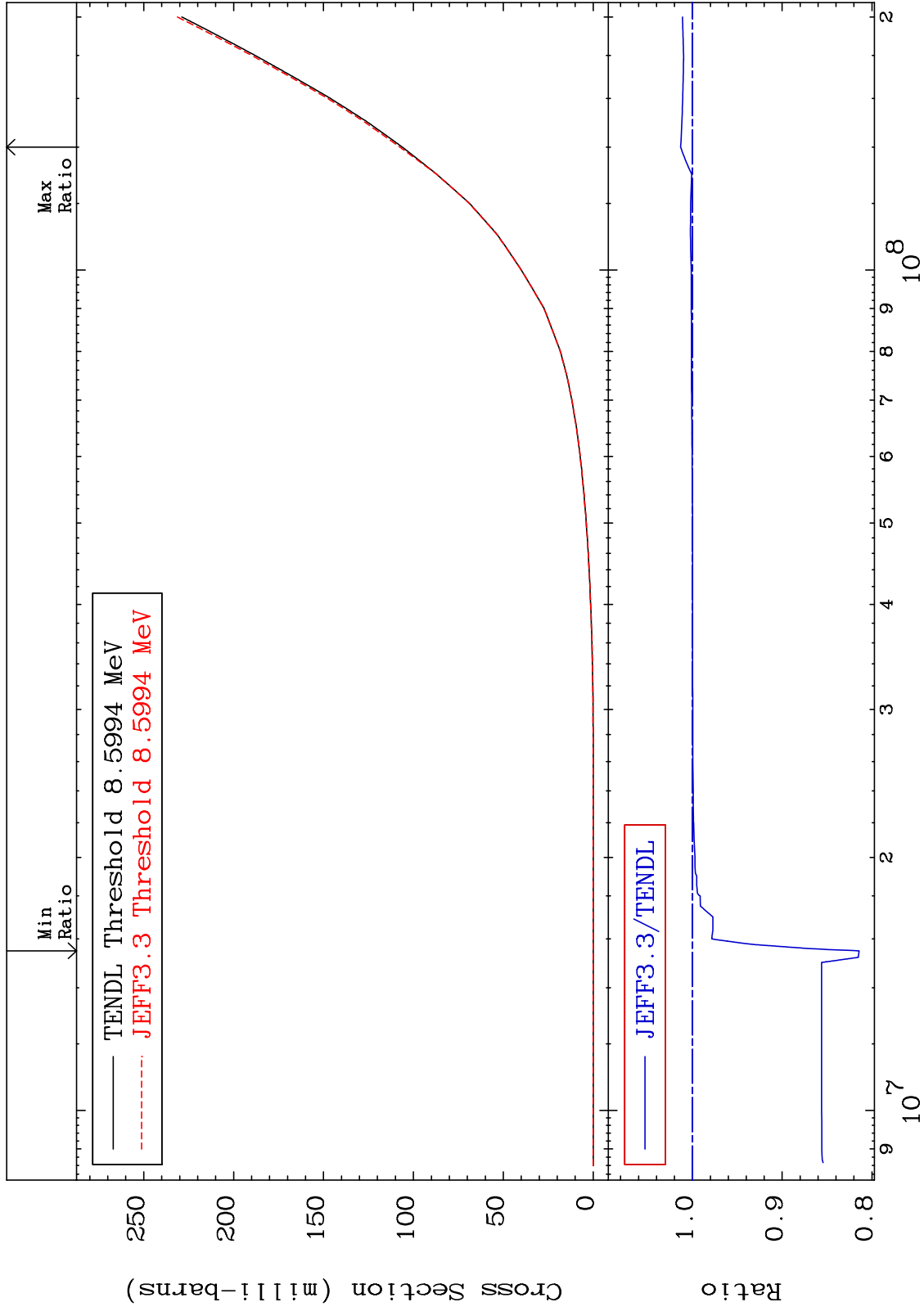
66-Dy-164
-98.79 To 183.0 %



MAT 6649

He-3 Production
Cross Section

66-Dy-164
-18.58 To 1.313 %



60

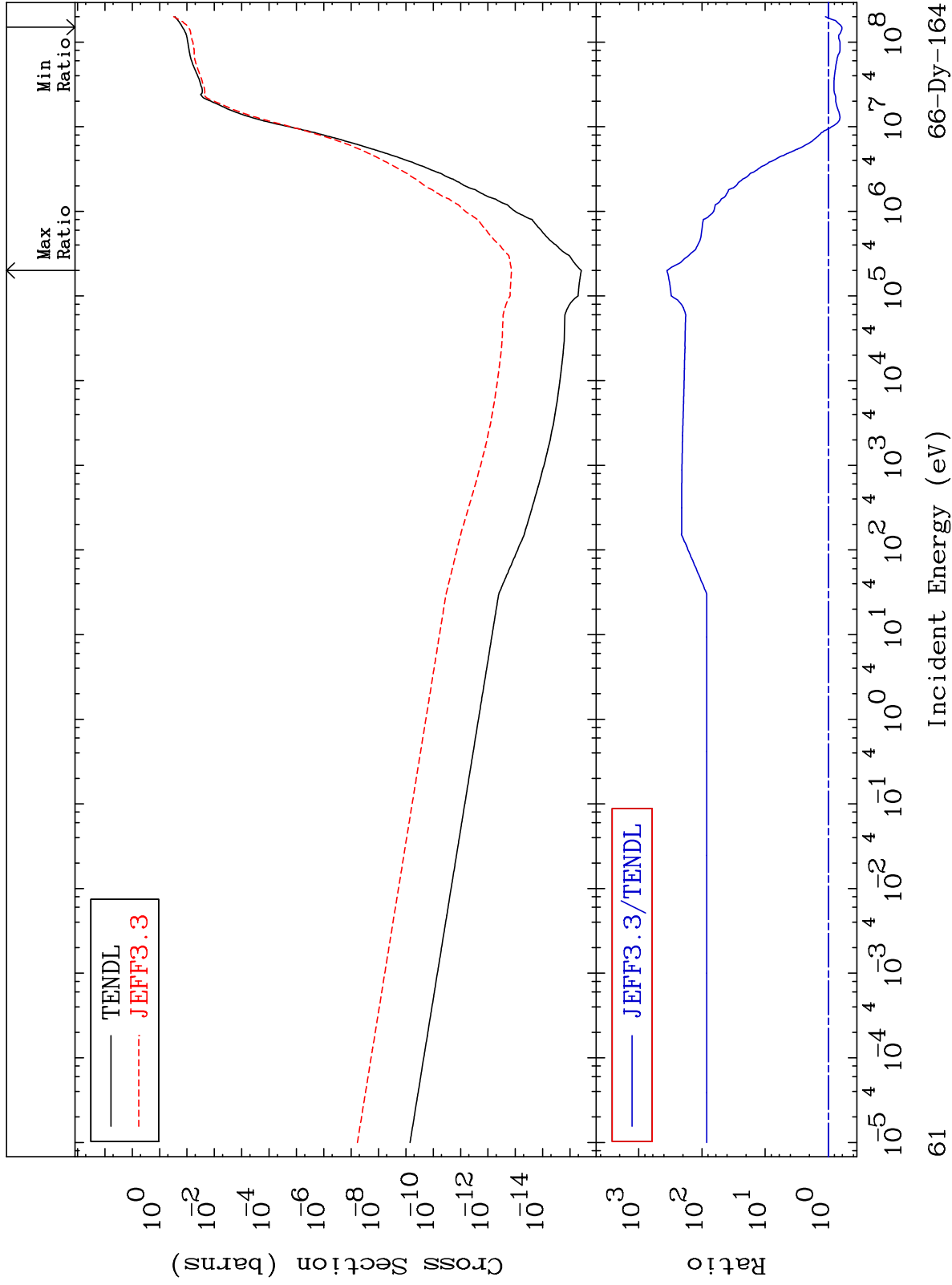
Incident Energy (eV)

66-Dy-164

MAT 6649

He-4 Production
Cross Section

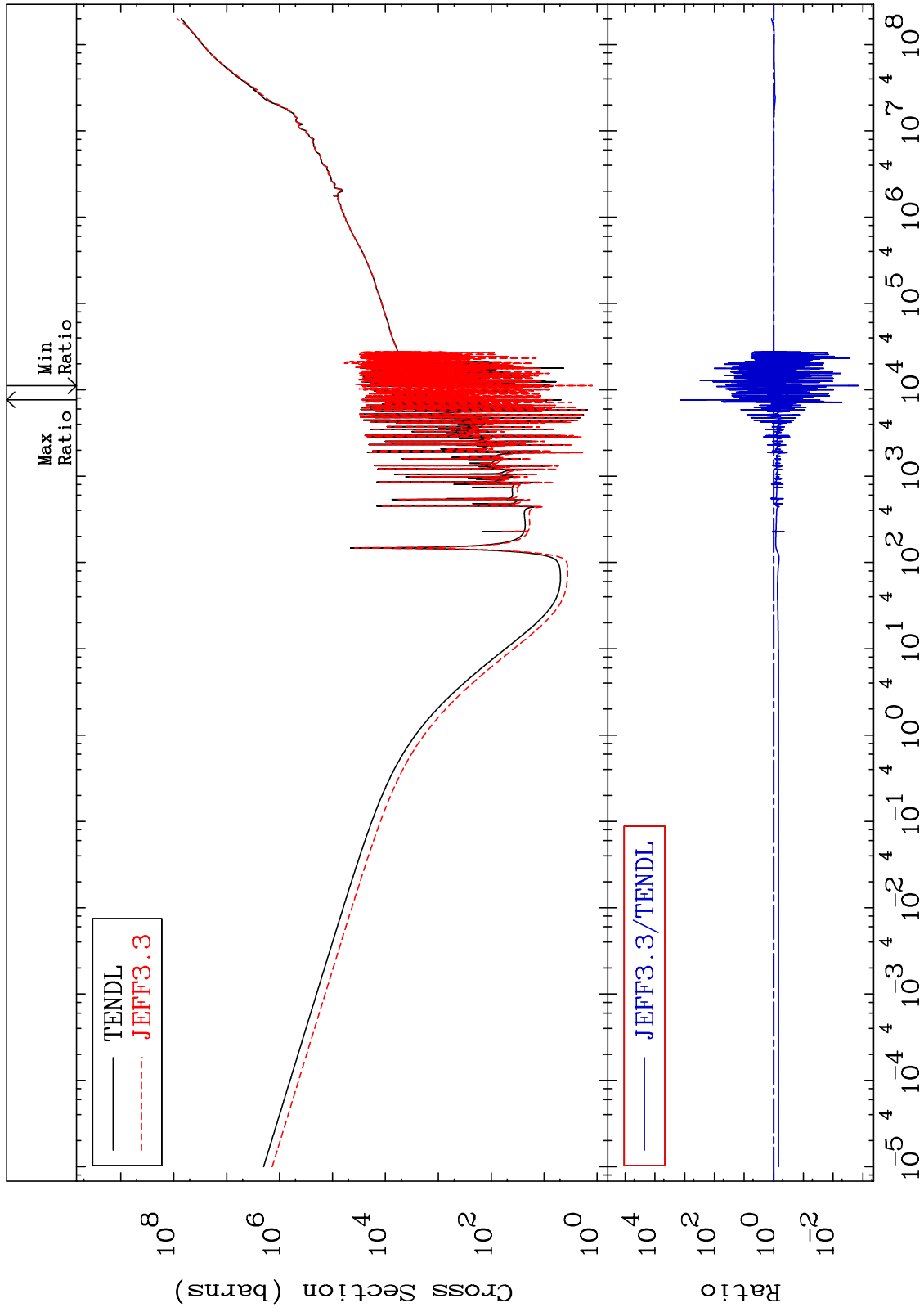
66-Dy-164
-39.01 To 9999. %



MAT 6649

Kerma total (eV-barns)
Cross Section

66-Dy-164
-99.86 To 9999. %



62

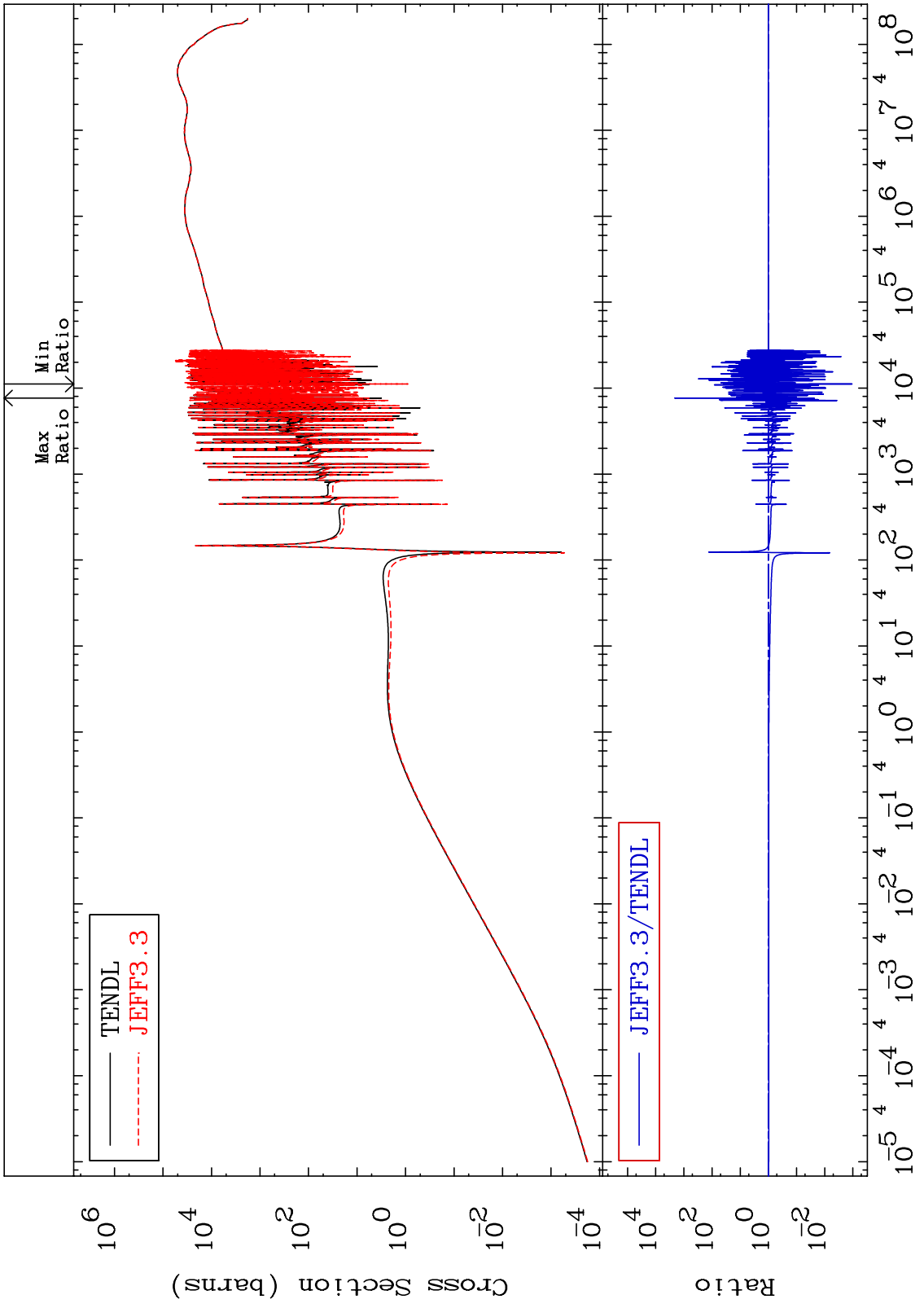
Incident Energy (eV)

66-Dy-164

MAT 6649

Kerma elastic
Cross Section

66-Dy-164
-99.89 To 9999. %



63

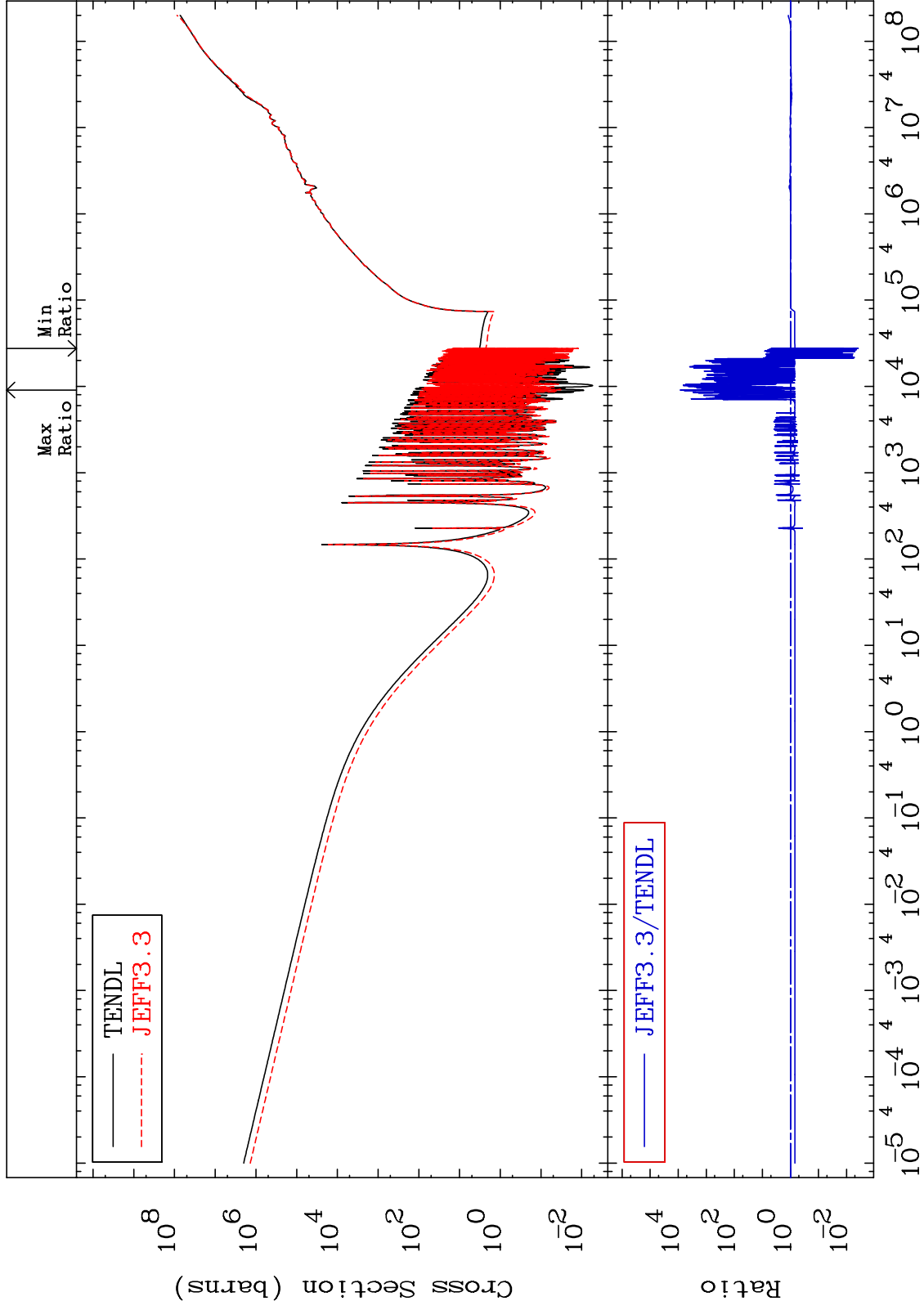
Incident Energy (eV)

66-Dy-164

MAT 6649

Kerma non-elastic (all but mt2)
Cross Section

66-Dy-164
-99.62 To 9999. %



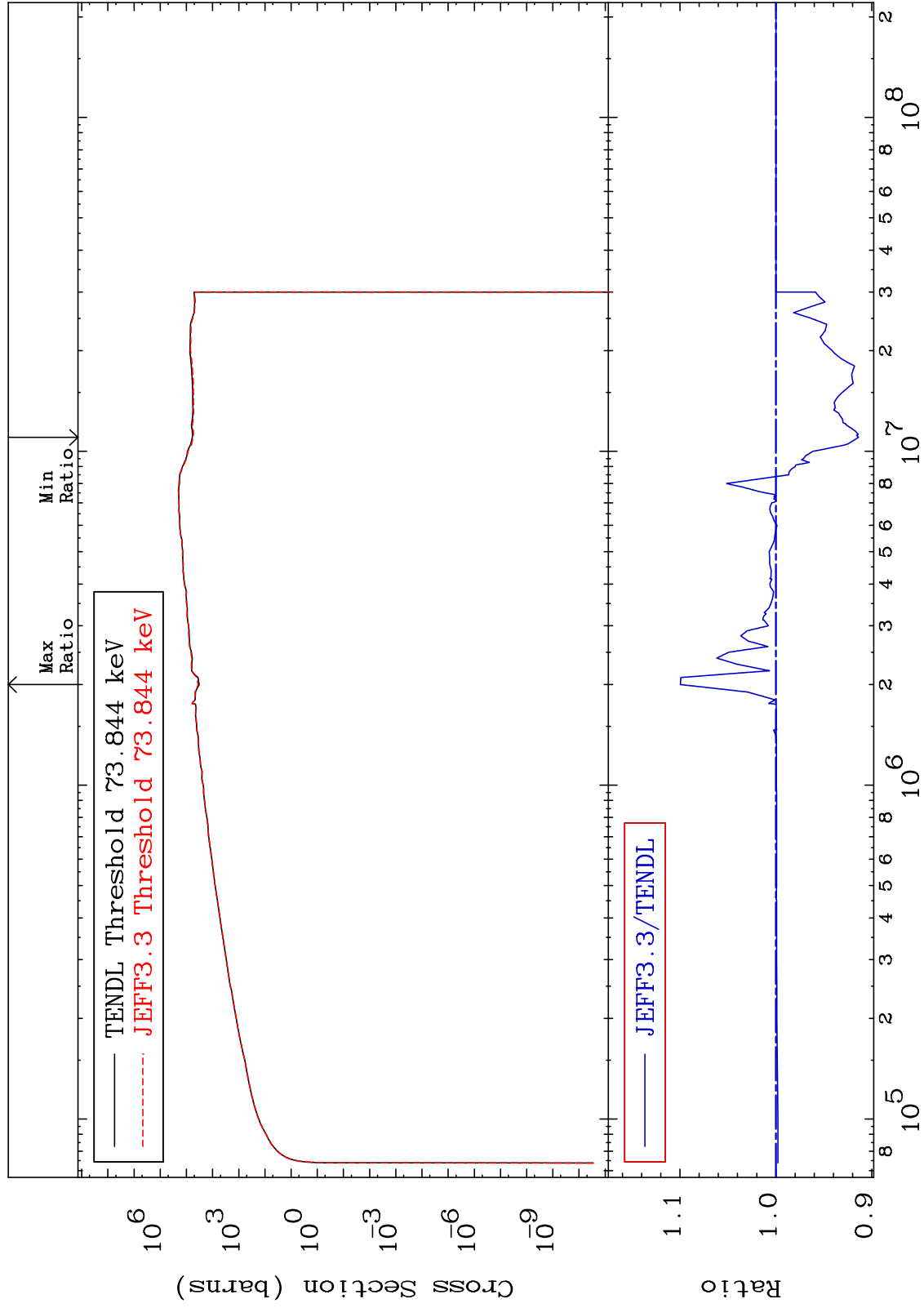
MAT 6649

Kerma inelastic (mt51-91)

66-Dy-164

-8.613 To 9.950 %

Cross Section



65

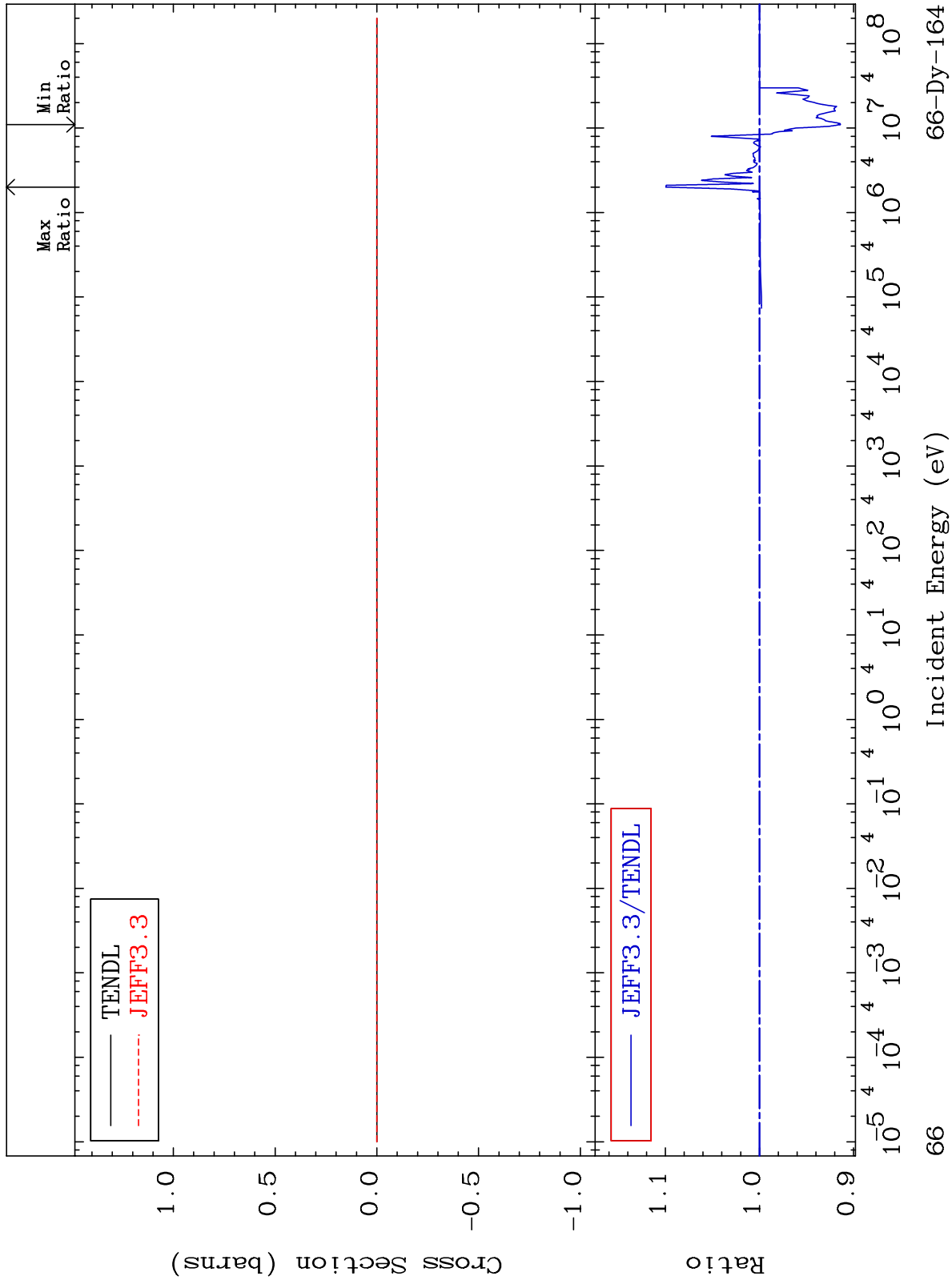
Incident Energy (eV)

66-Dy-164

MAT 6649

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

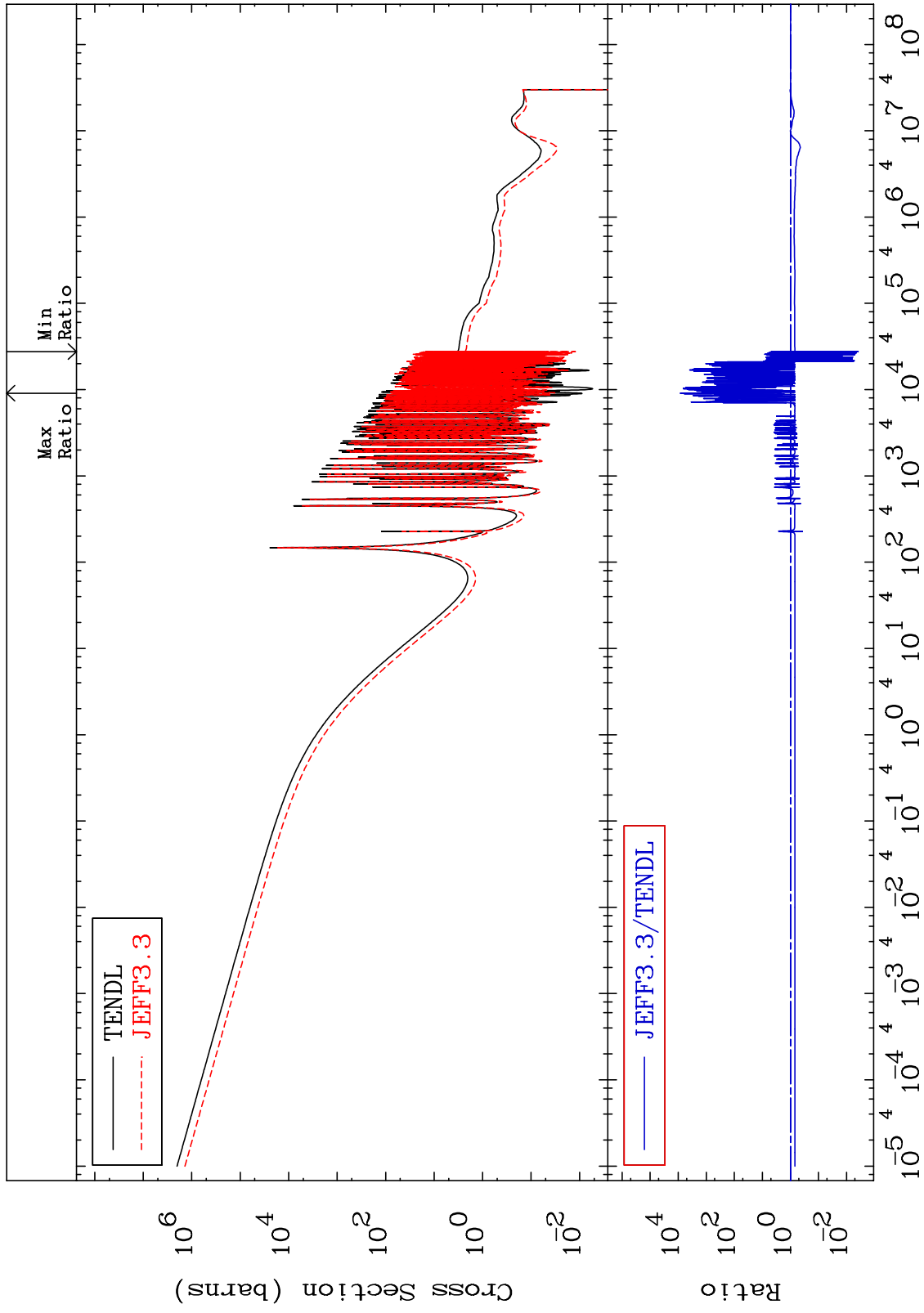
66-Dy-164
-8.613 To 9.950 %



MAT 6649

Kerma capture (mt102)
Cross Section

66-Dy-164
-99.62 To 9999. %



67

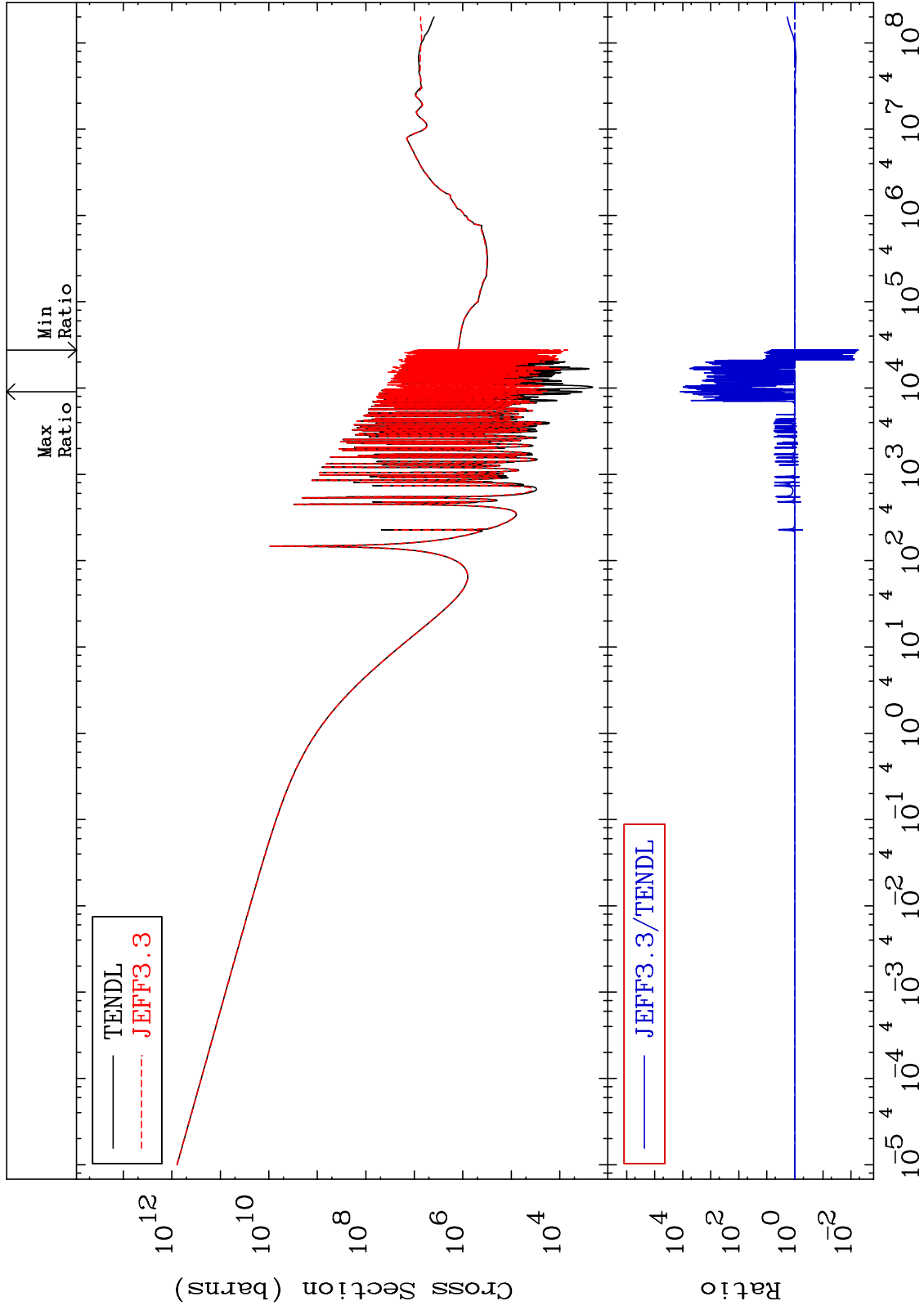
Incident Energy (eV)

66-Dy-164

MAT 6649

Total photon (eV-barns)
Cross Section

66-Dy-164
-99.46 To 9999. %



68

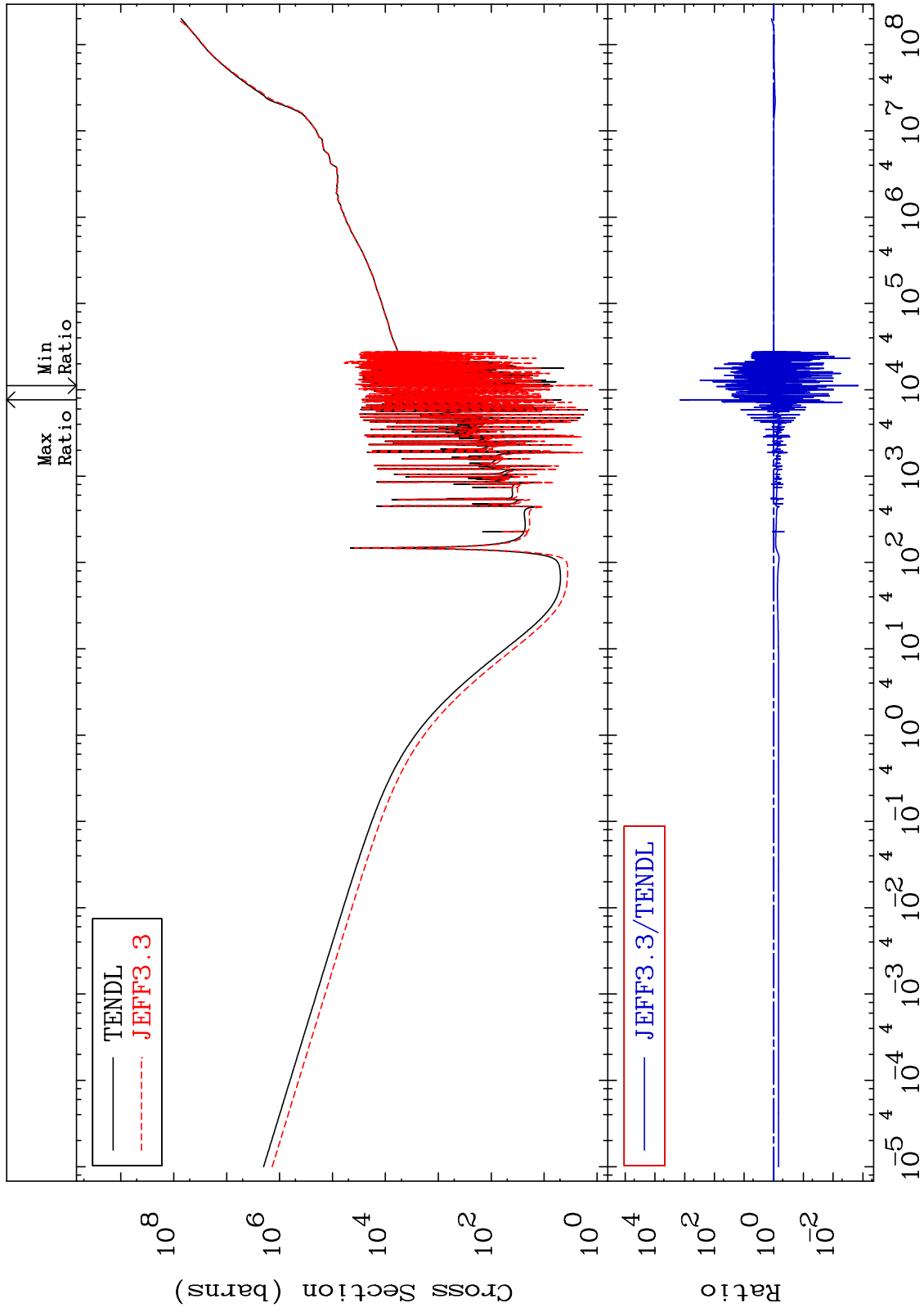
Incident Energy (eV)

66-Dy-164

MAT 6649

Total kinematic kerma (high limit)
Cross Section

66-Dy-164
-99.86 To 9999. %



69

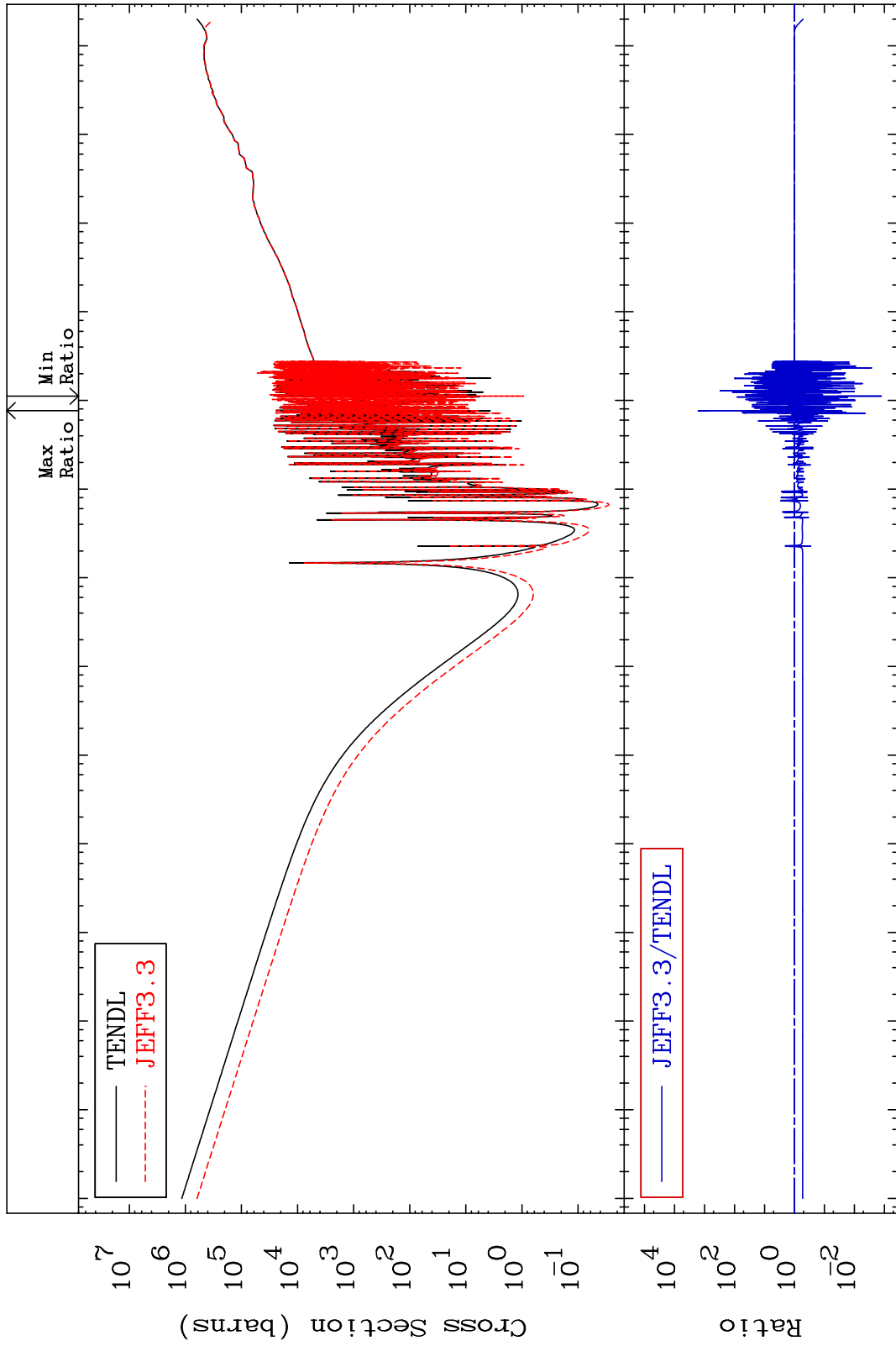
Incident Energy (eV)

66-Dy-164

MAT 6649

Dpa total (eV-barns)
Cross Section

66-Dy-164
-99.88 To 9999. %



70

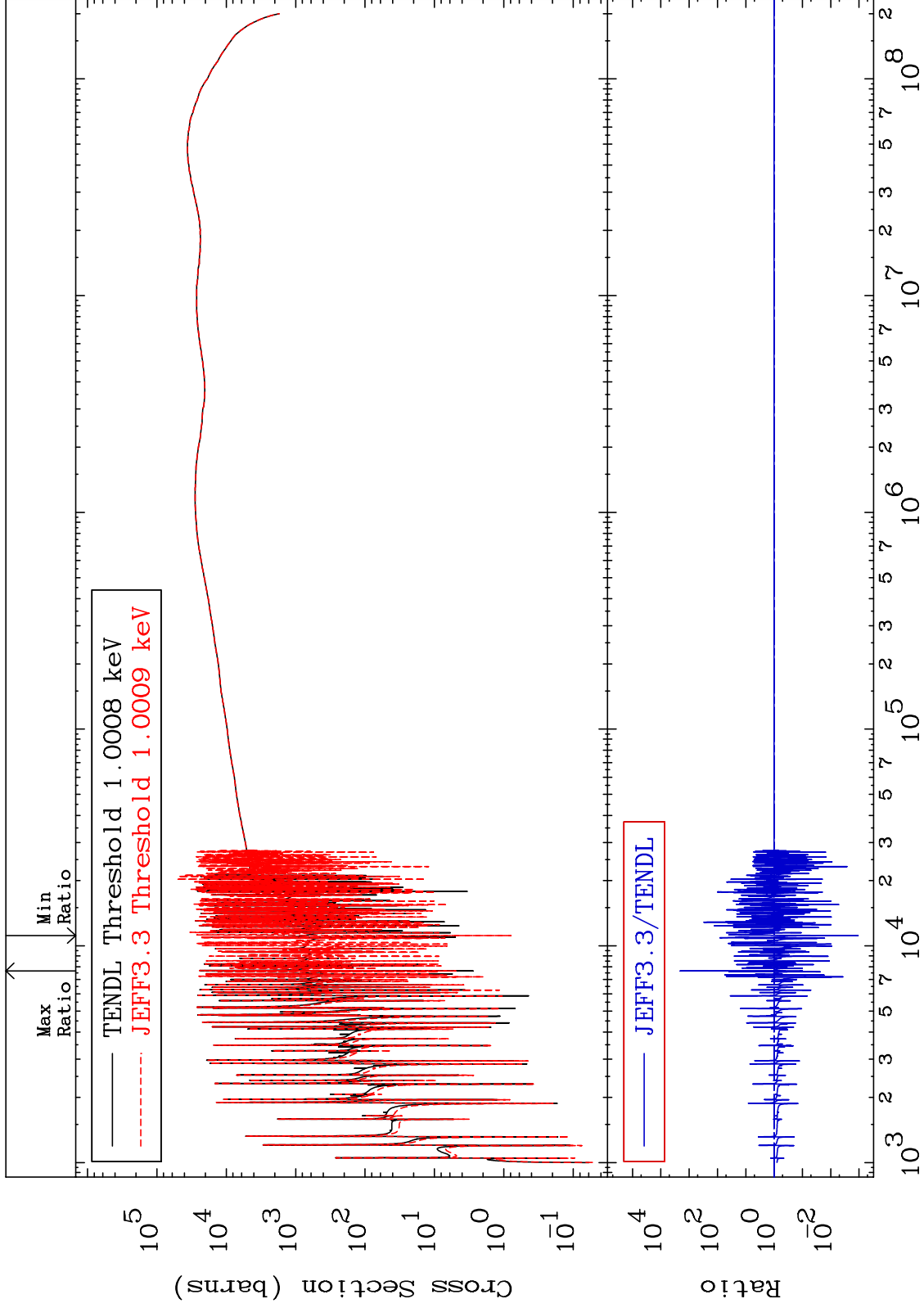
Incident Energy (eV)

66-Dy-164

MAT 6649

Dpa elastic (mt2)
Cross Section

66-Dy-164
-99.89 To 9999. %



71

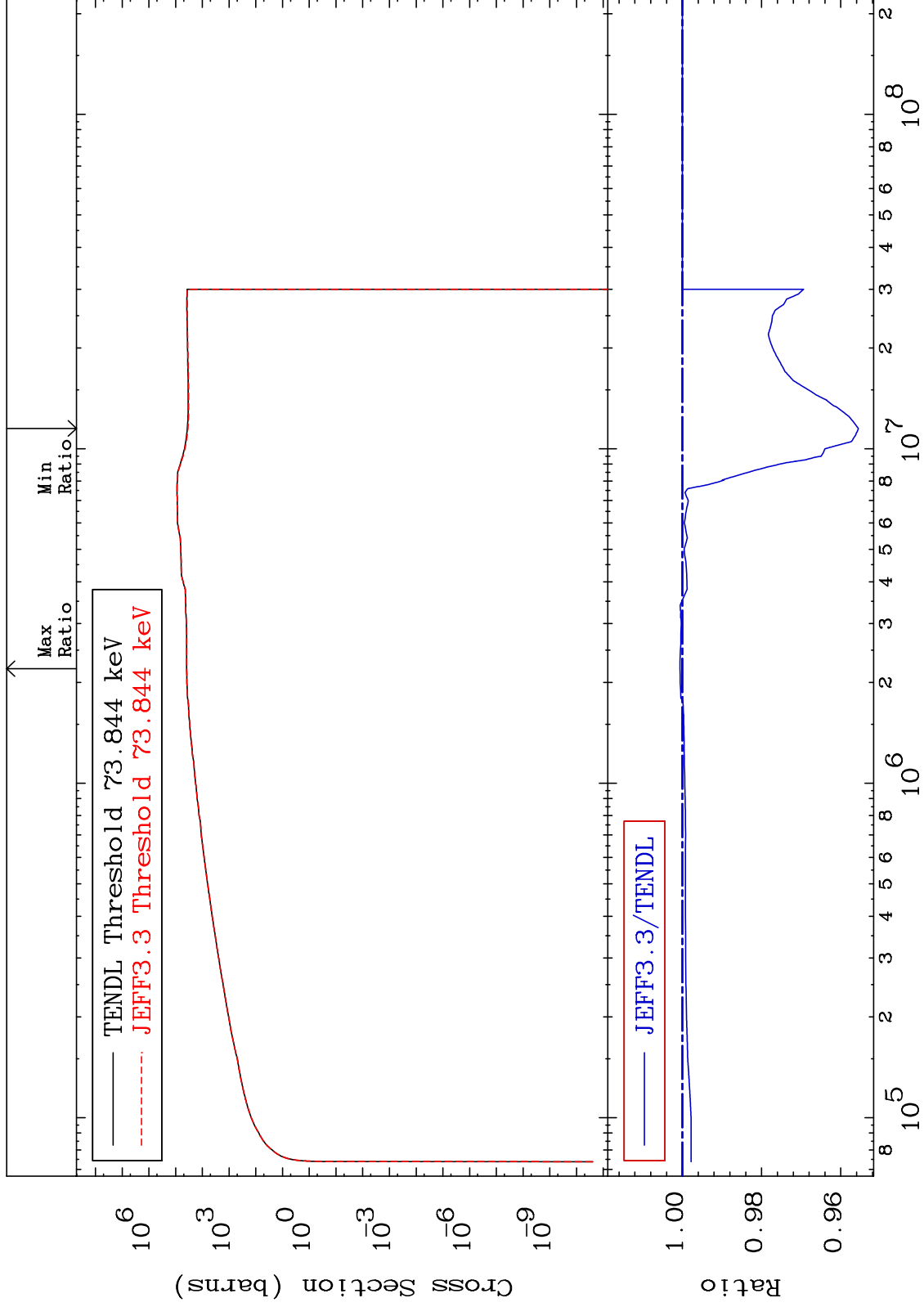
Incident Energy (eV)

66-Dy-164

MAT 6649

Dpa inelastic (mt51-91)
Cross Section

66-Dy-164
-4.445 To 0.060 %



72

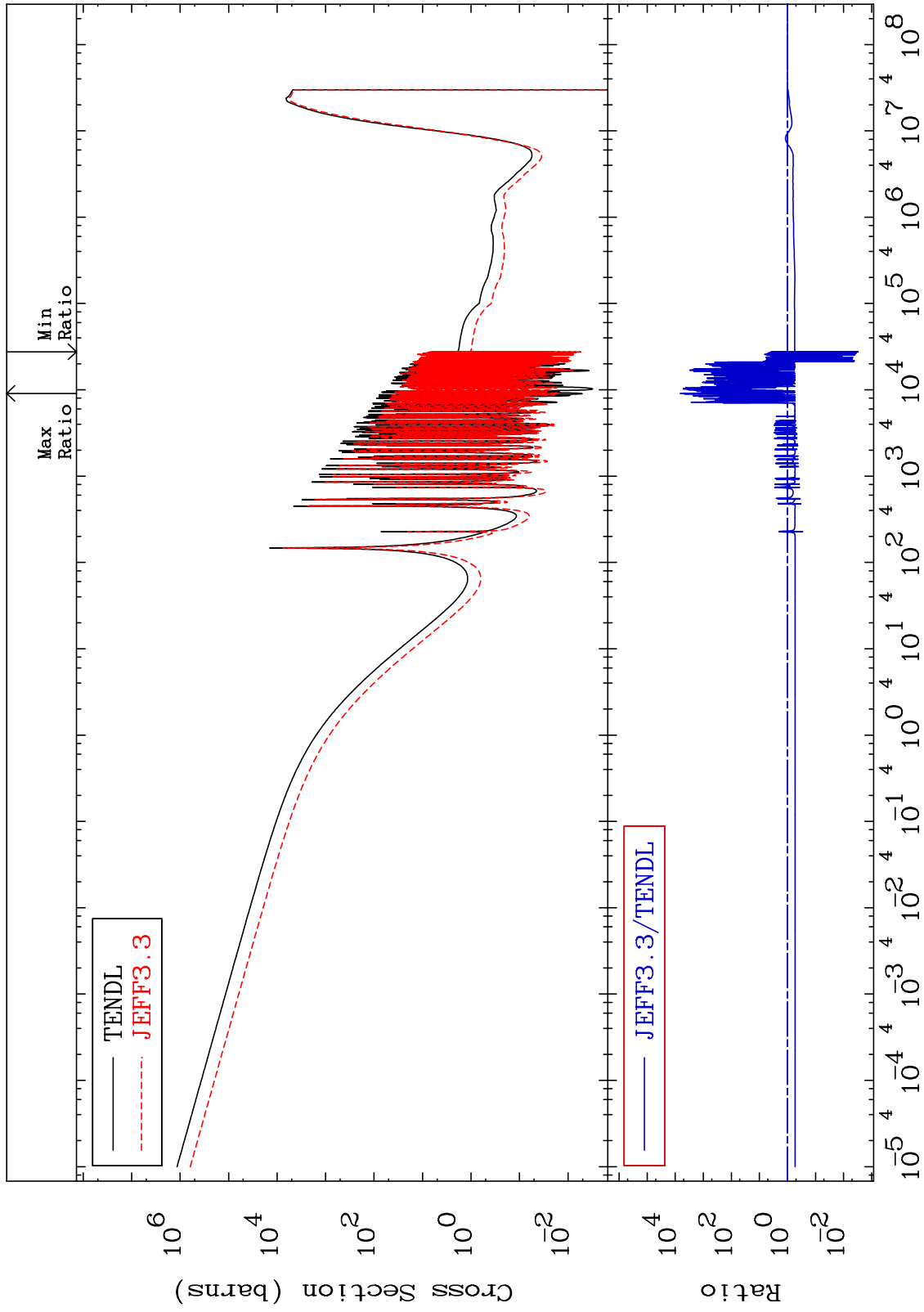
Incident Energy (eV)

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