

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

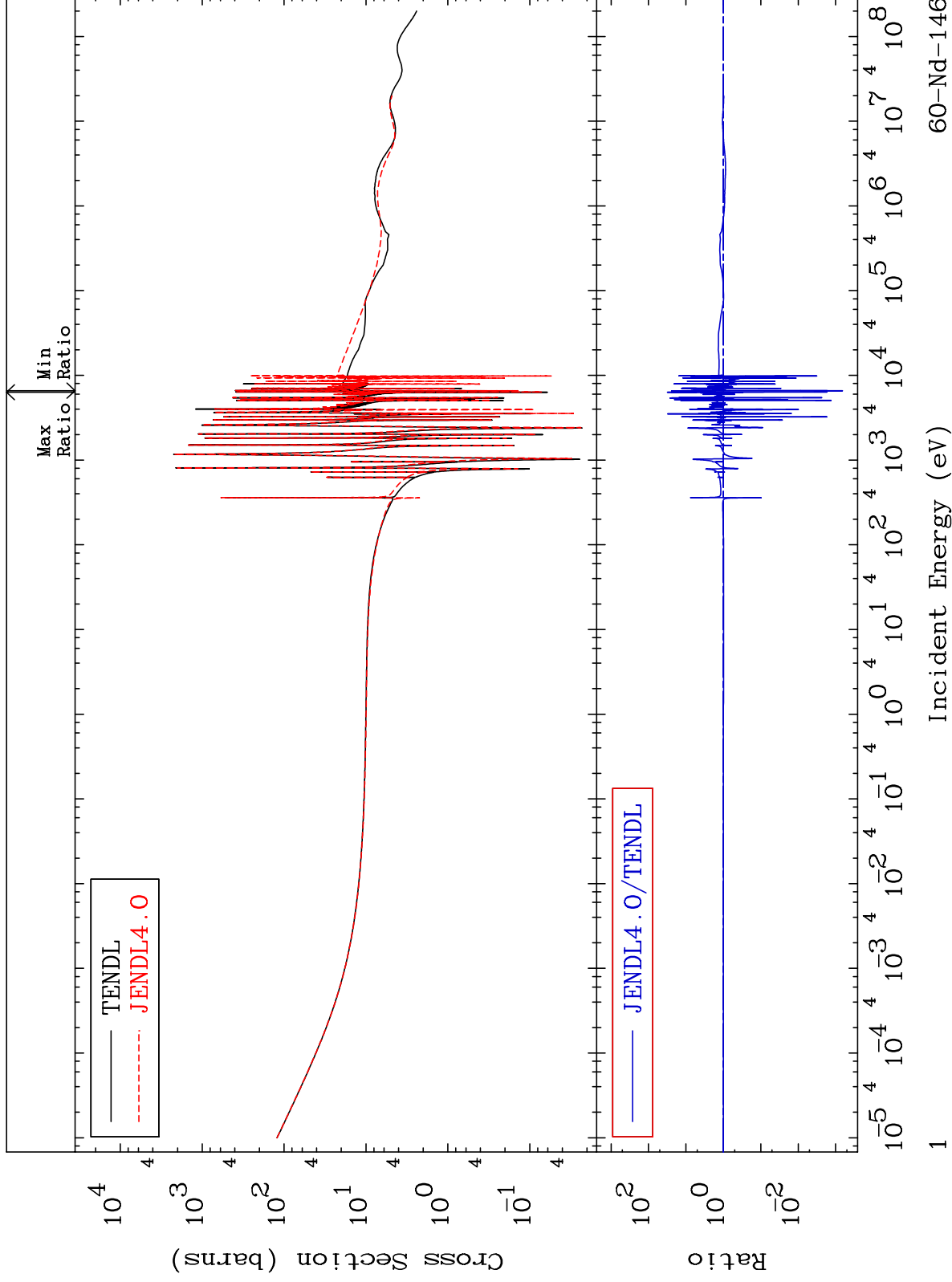
MAT 6037

Total

60-Nd-146

Cross Section

-99.94 To 3001. %



Incident Energy (eV)

60-Nd-146

1

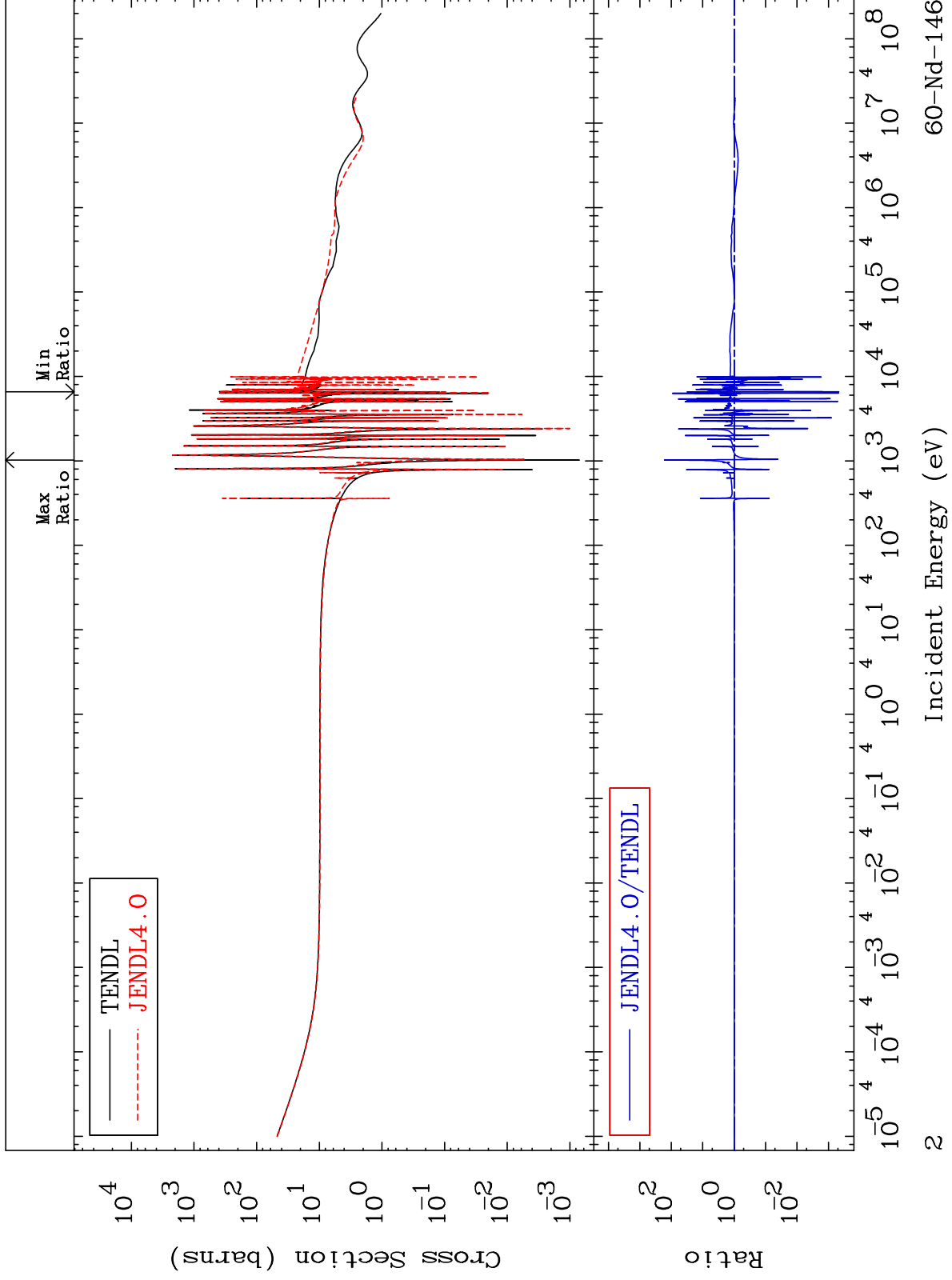
MAT 6037

Elastic

Cross Section

60-Nd-146

-99.95 To 9999. %

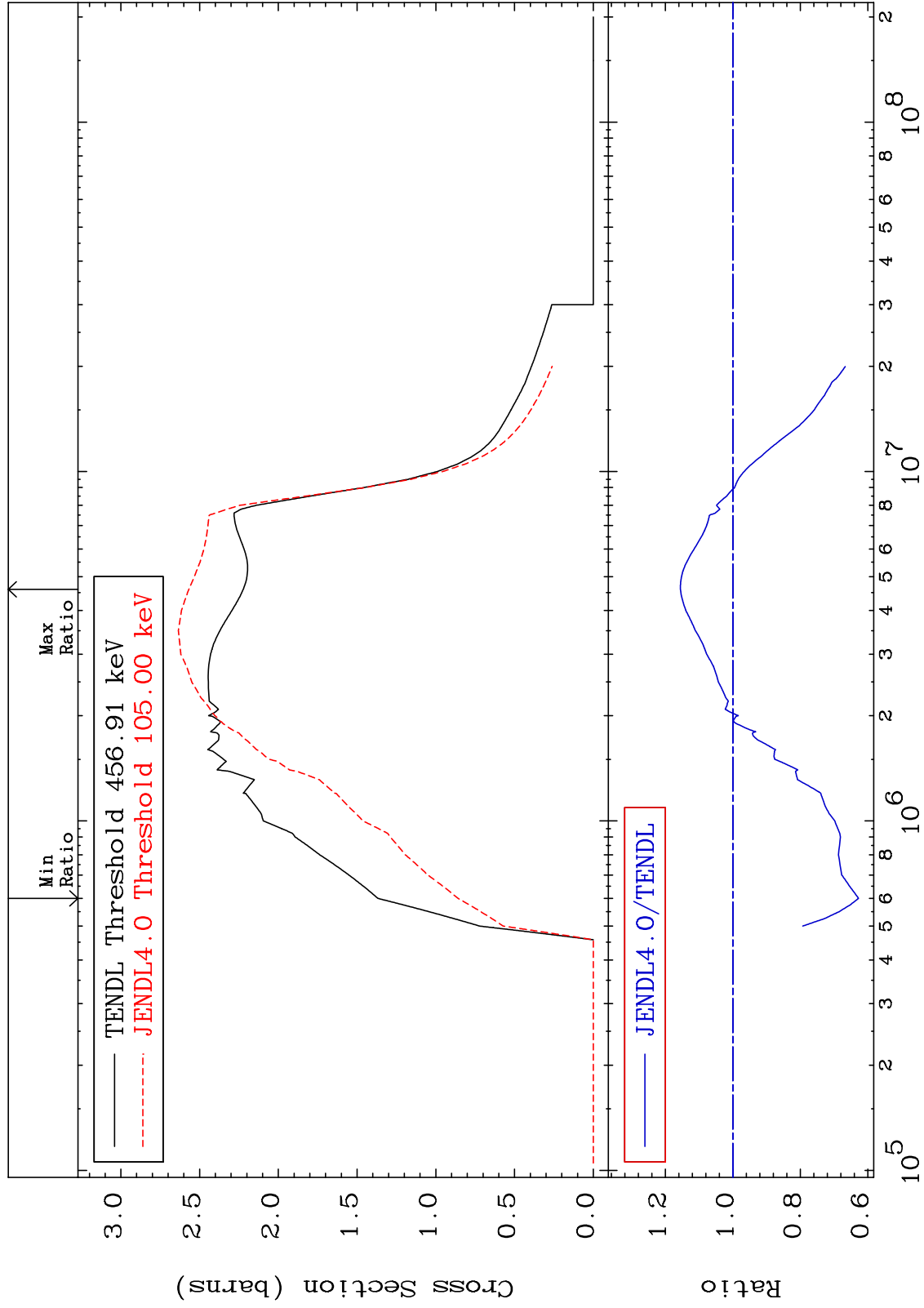


60-Nd-146

Incident Energy (eV)

MAT 6037

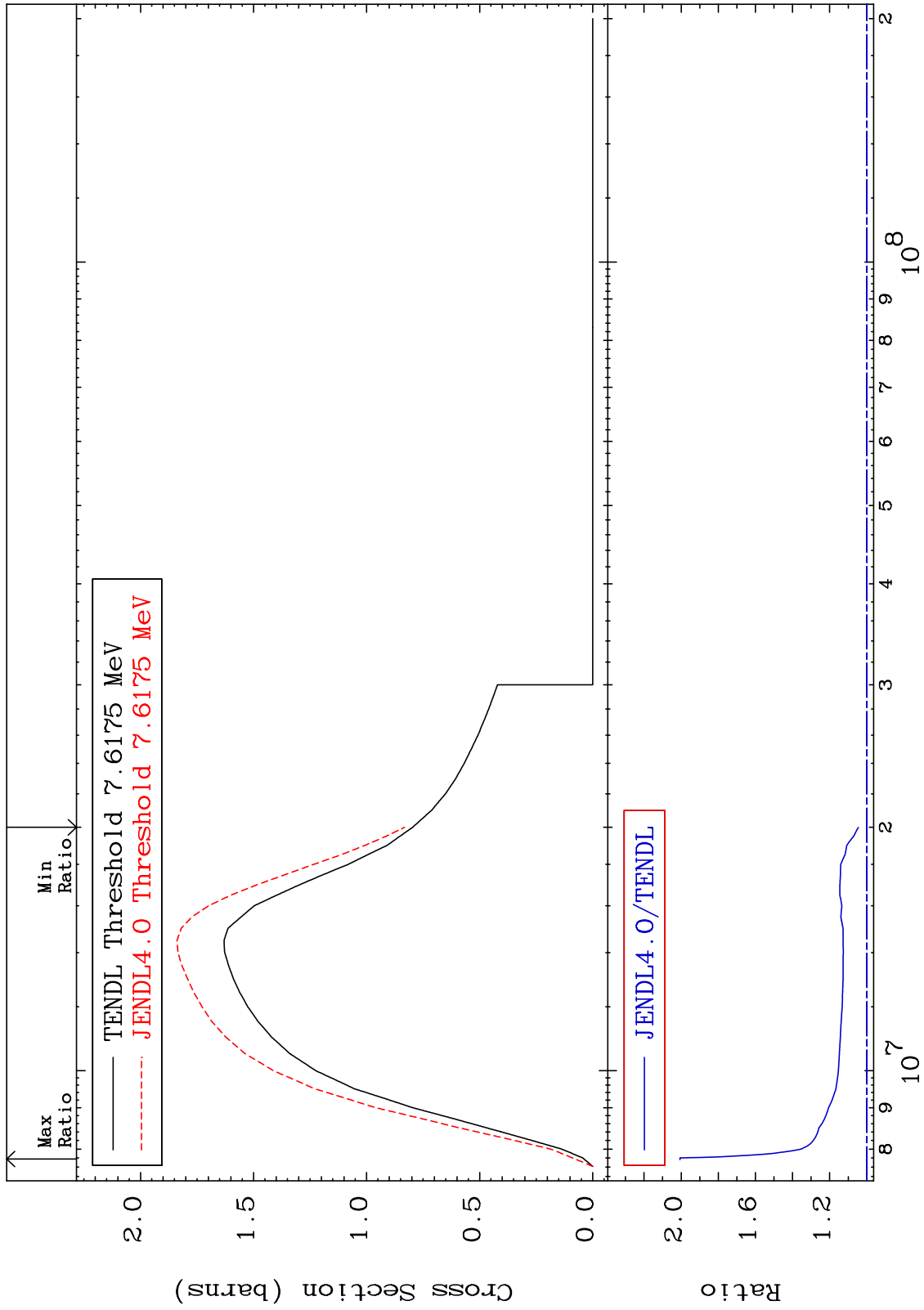
Inelastic Cross Section
60-Nd-146
-37.23 To 15.53 %



60-Nd-146

3

MAT 6037 (n,2n) Cross Section 60-Nd-146 To 100.6 %
4.525



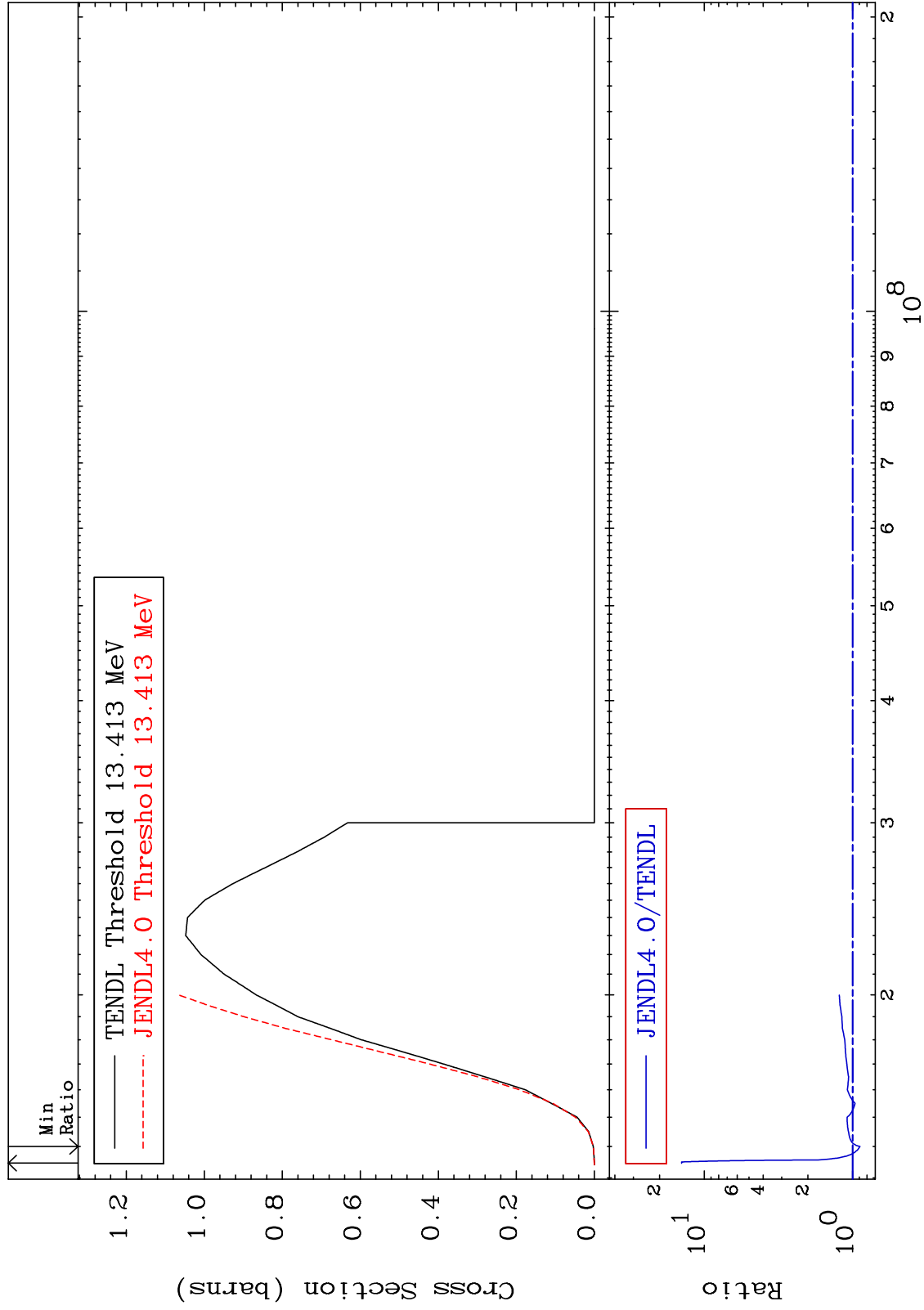
MAT 6037

(n, 3n)

60-Nd-146

Cross Section

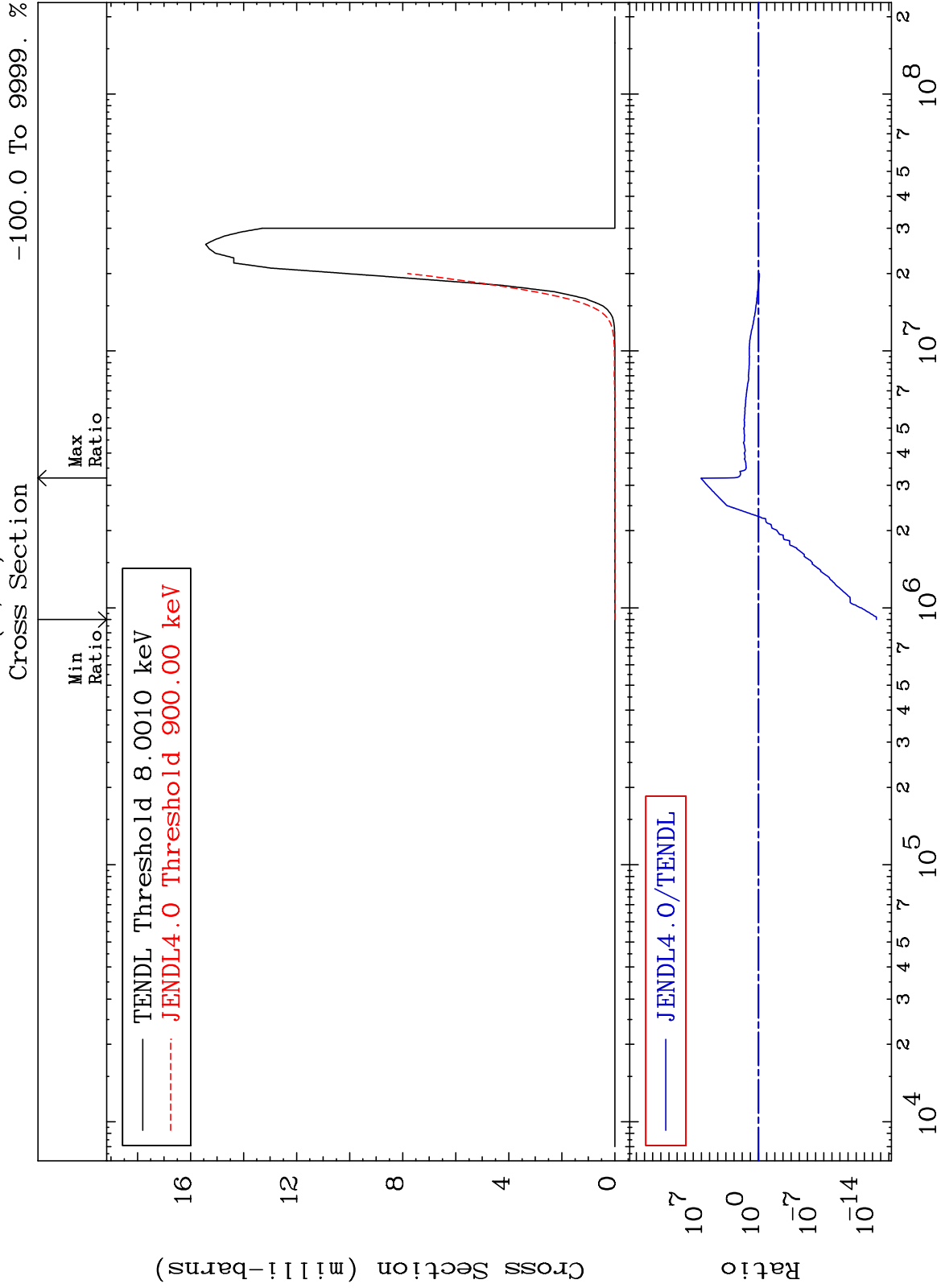
-10.92 To 1319. %



MAT 6037

(n, n') α

60-Nd-146
-100.0 To 9999. %



6

Incident Energy (eV)

60-Nd-146

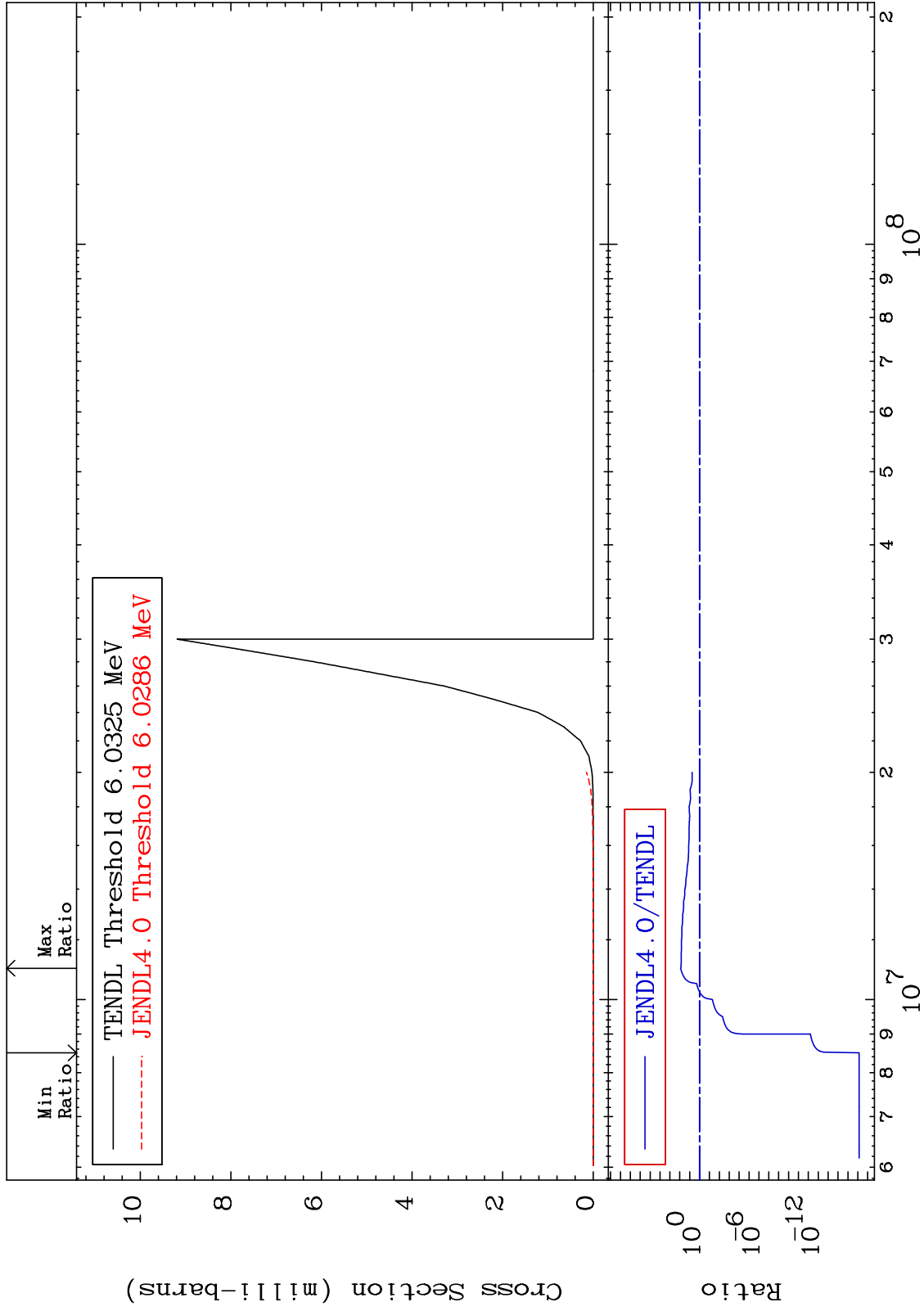
MAT 6037

(n,2n) α

60-Nd-146

Cross Section

-100.0 To 8119. %



60-Nd-146

Incident Energy (eV)

7

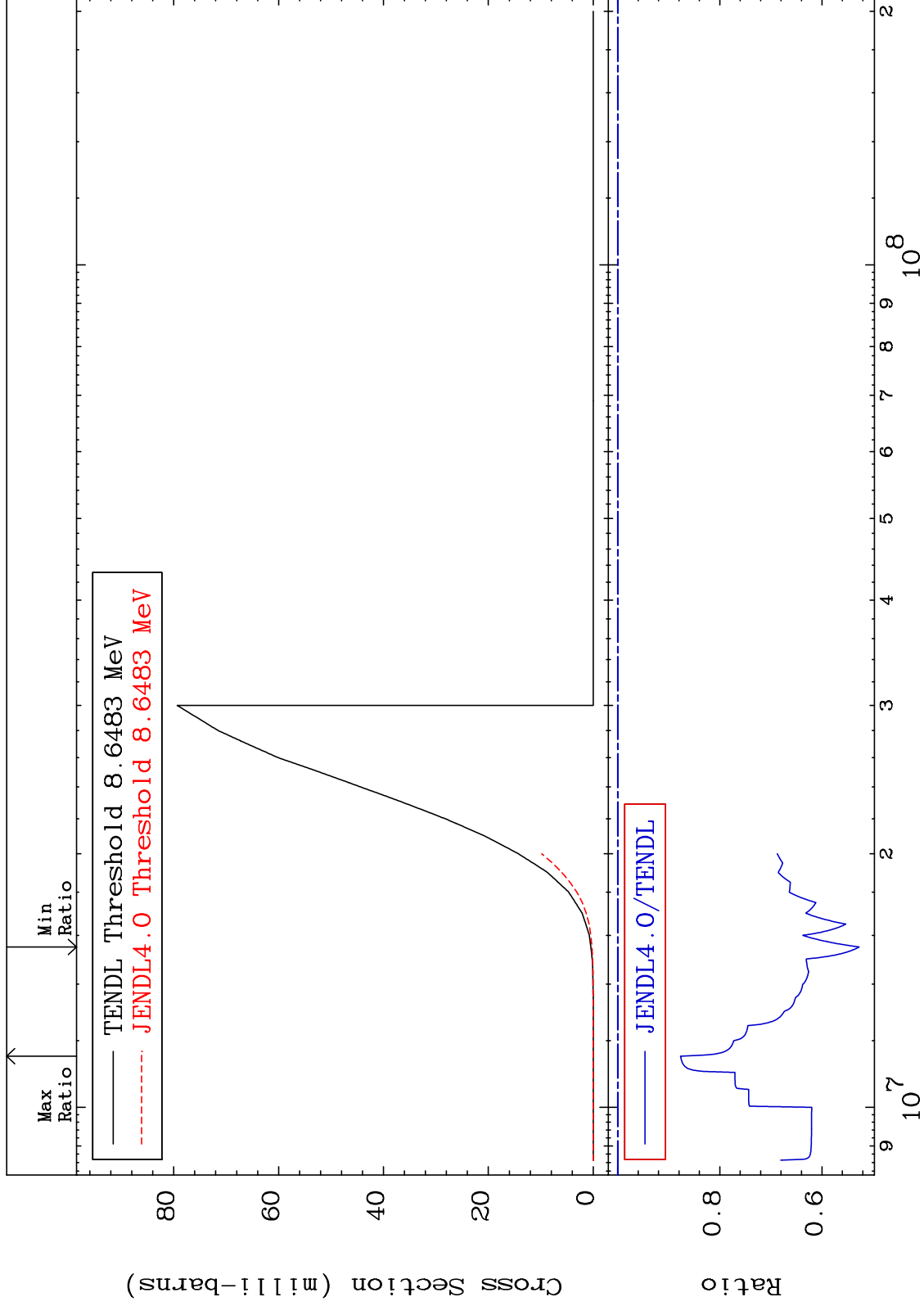
MAT 6037

(n,n') p

60-Nd-146

Cross Section

-47.30 To -12.32%



8

Incident Energy (eV)

60-Nd-146

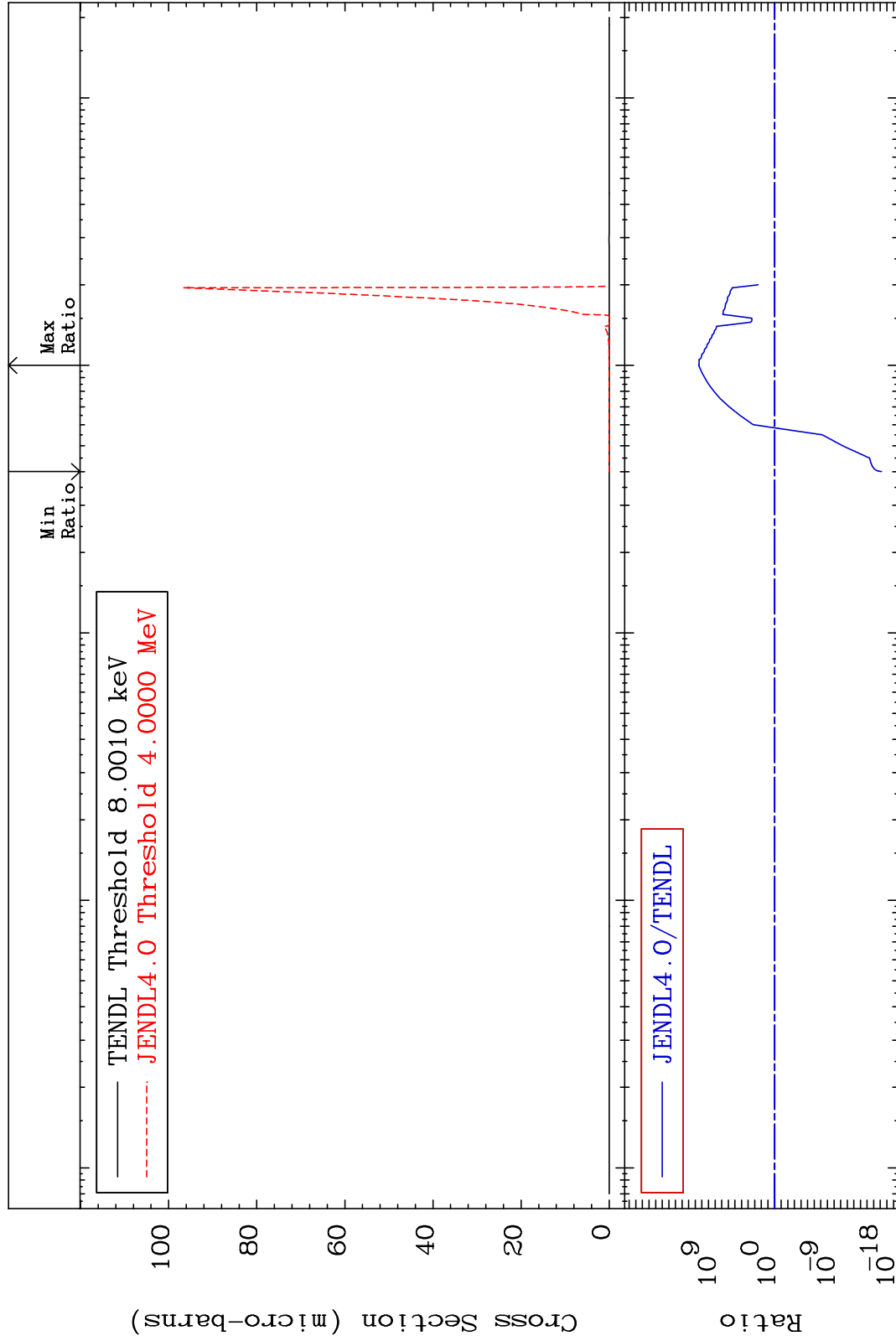
MAT 6037

(n,n') 2α

60-Nd-146

Cross Section

-100.0 To 9999. %



9

Incident Energy (eV)

60-Nd-146

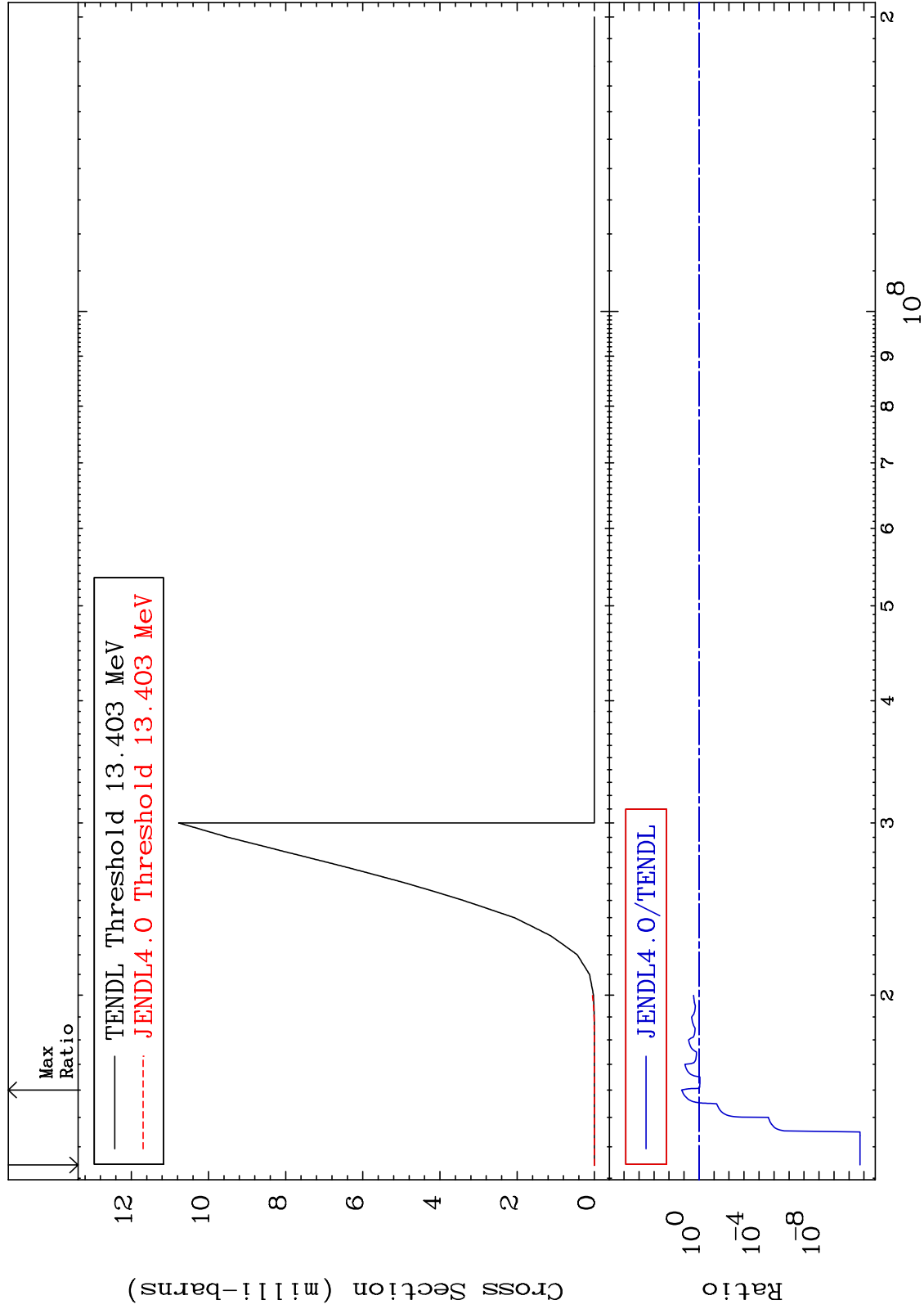
MAT 6037

(n,n') d

60-Nd-146

Cross Section

-100.0 To 1340. %



10

Incident Energy (eV)

60-Nd-146

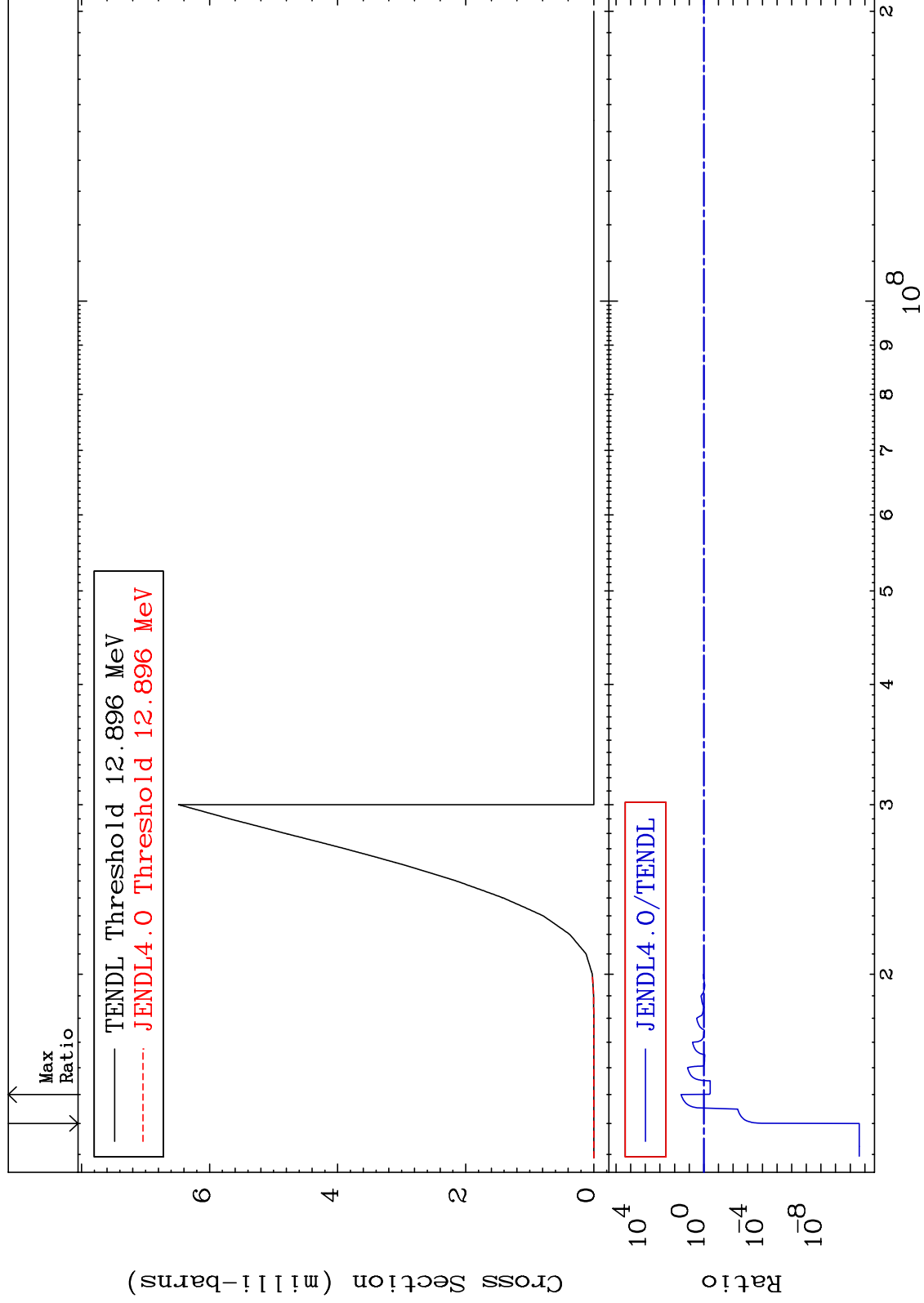
MAT 6037

(n,n') t

60-Nd-146

Cross Section

-100.0 To 3515. %



60-Nd-146

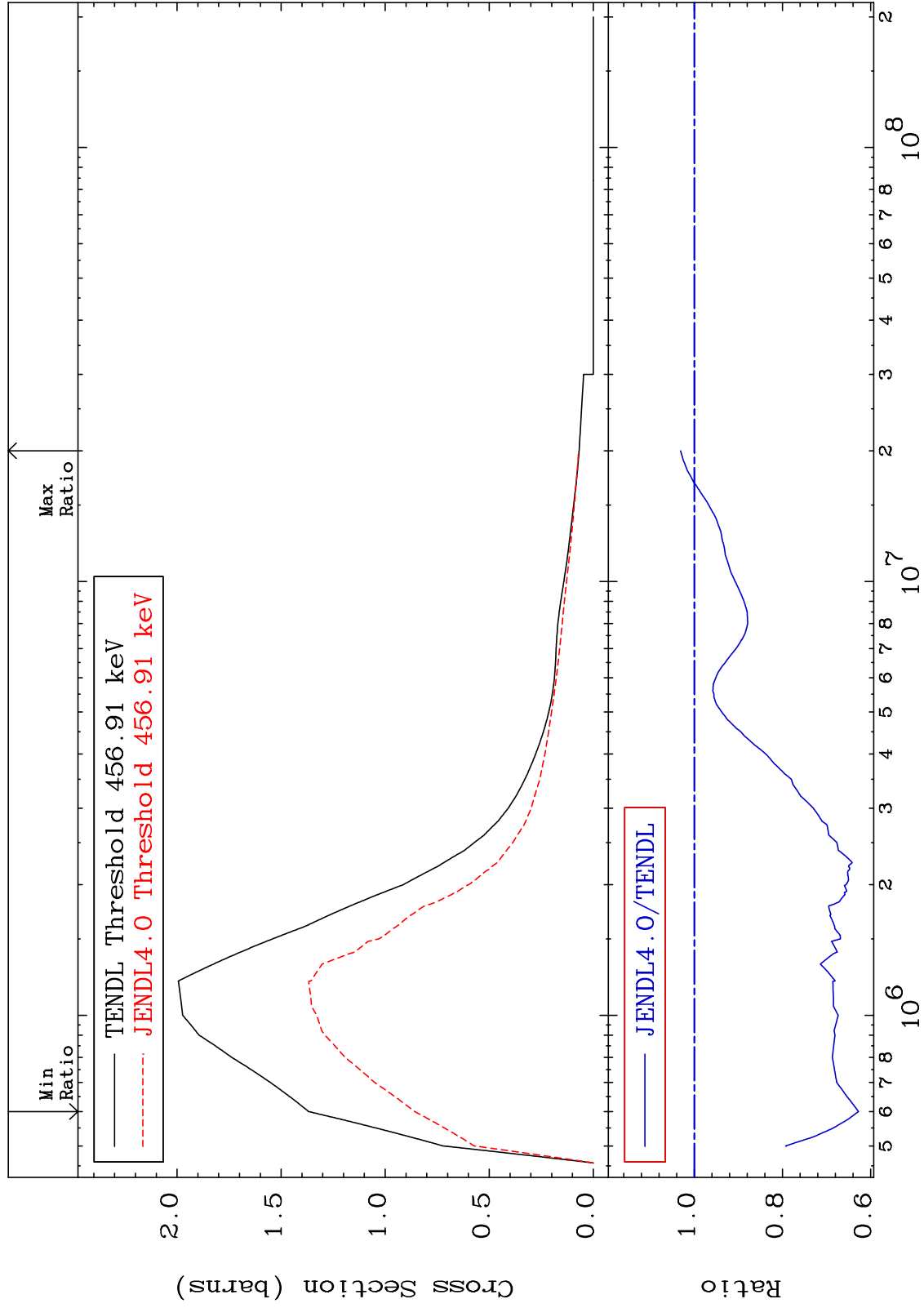
Incident Energy (eV)

11

MAT 6037

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

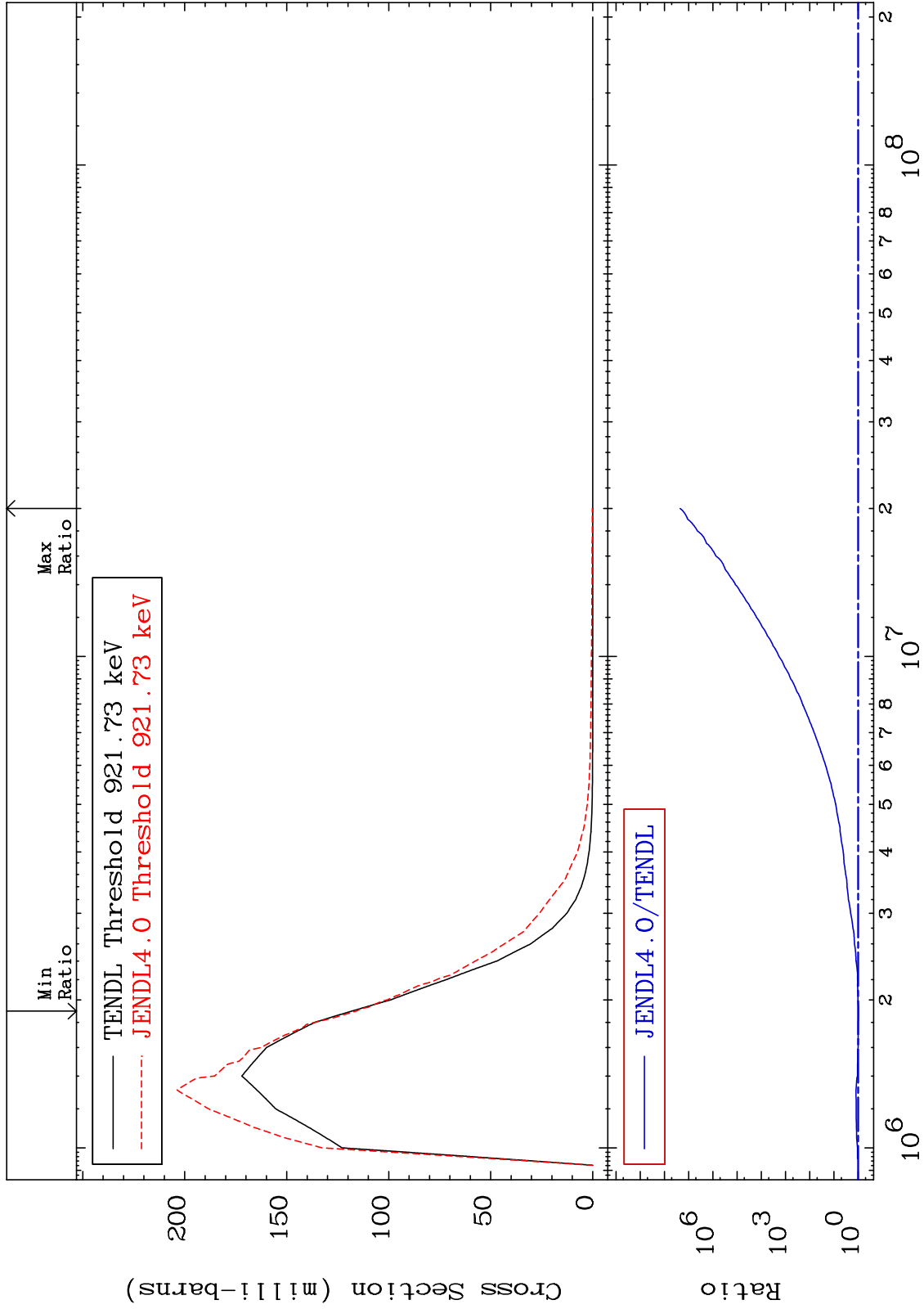
60-Nd-146
-37.25 To 3.156 %



MAT 6037

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

60-Nd-146
-1.807 To 9999. %

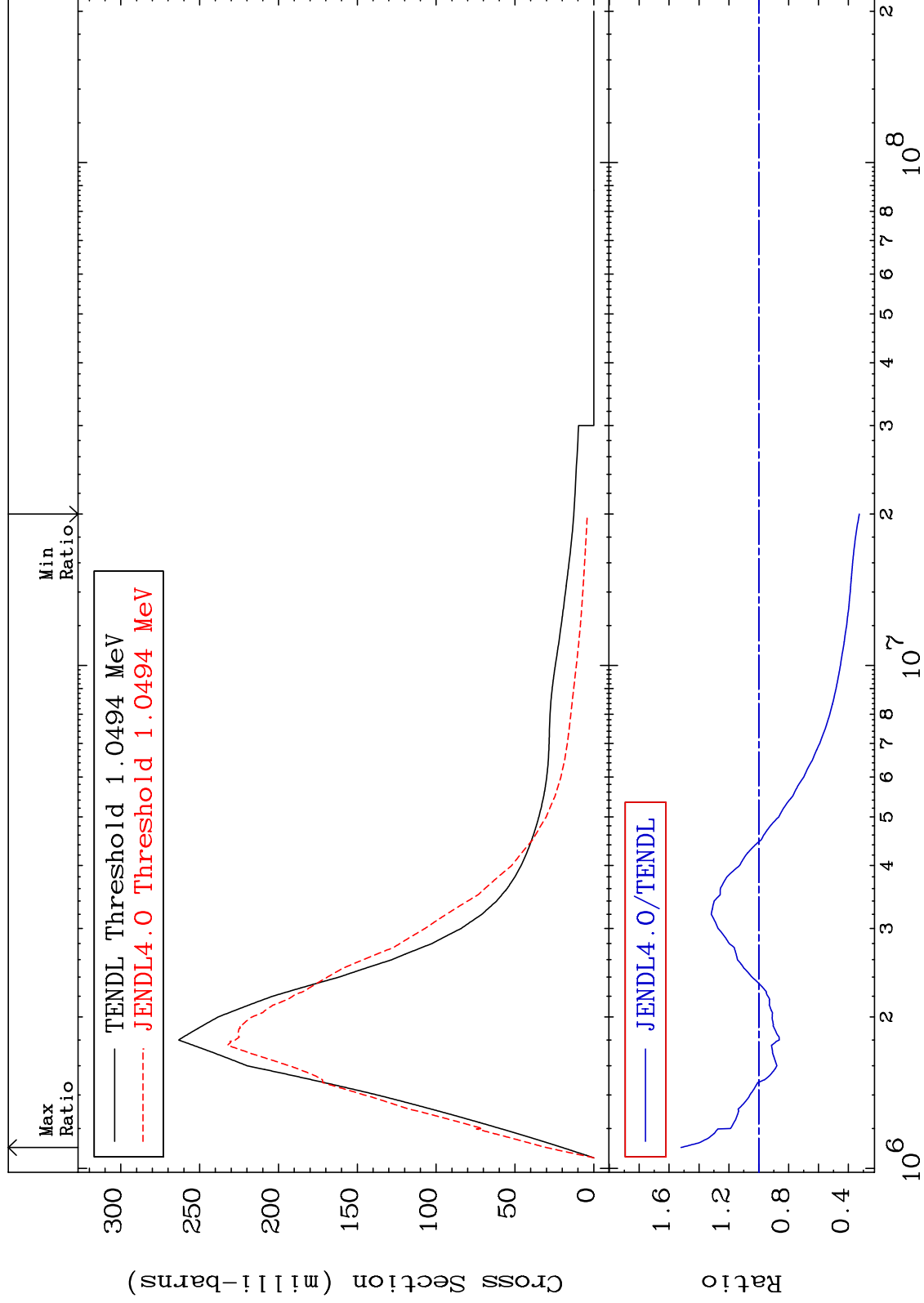


13 60-Nd-146

MAT 6037

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

60-Nd-146
-67.27 To 52.01 %



14

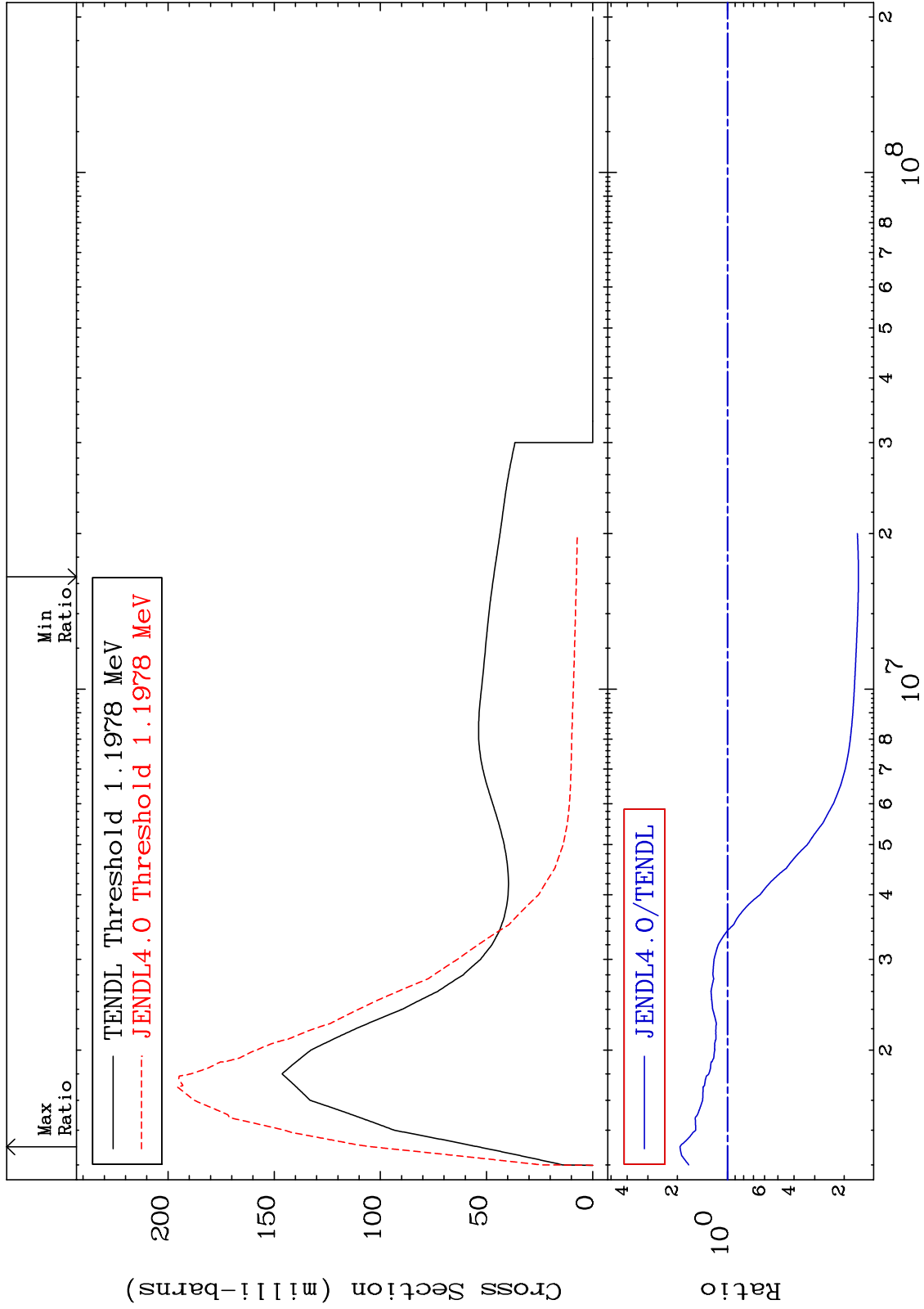
Incident Energy (eV)

60-Nd-146

MAT 6037

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

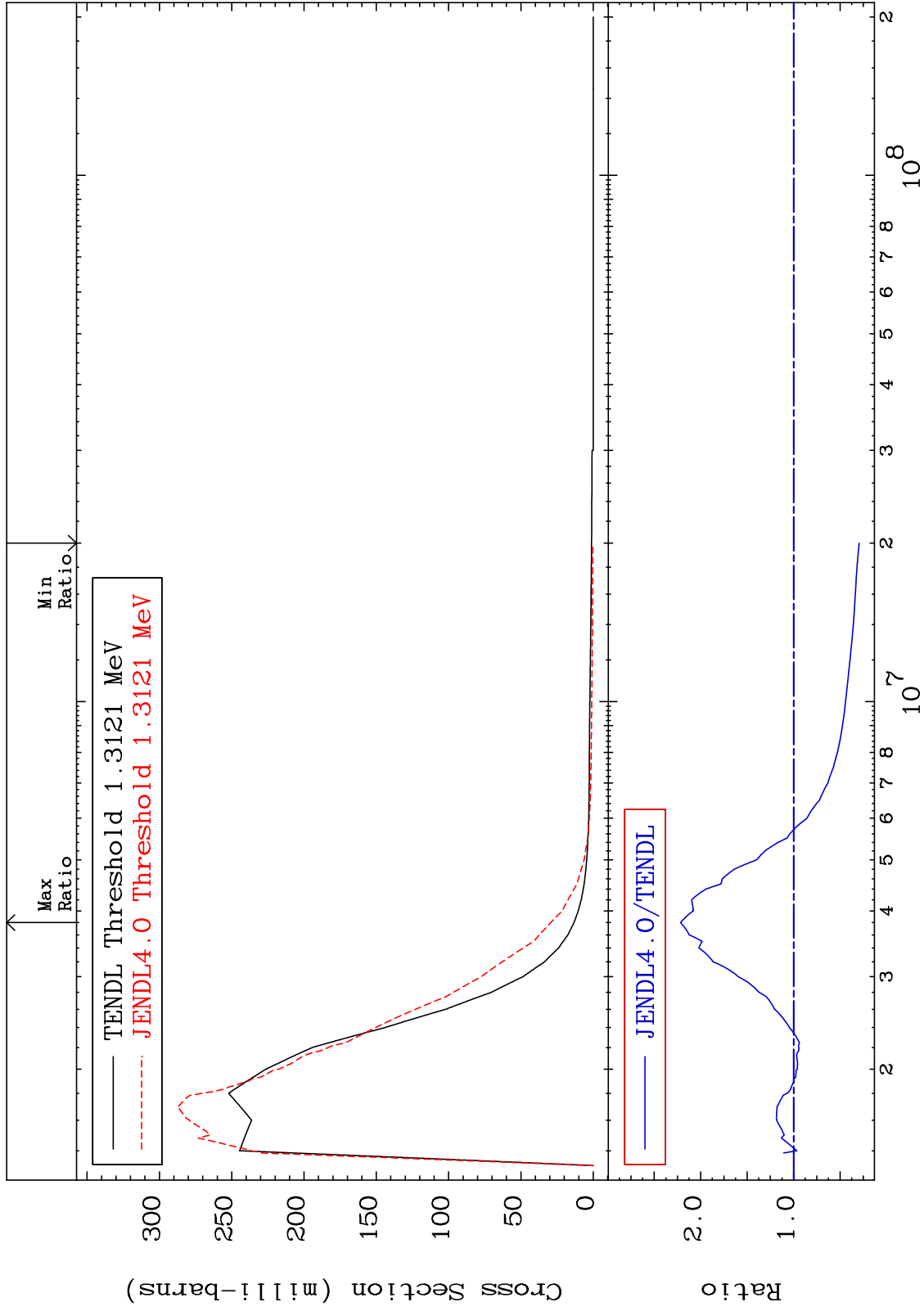
60-Nd-146
-83.57 To 92.79 %



MAT 6037

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

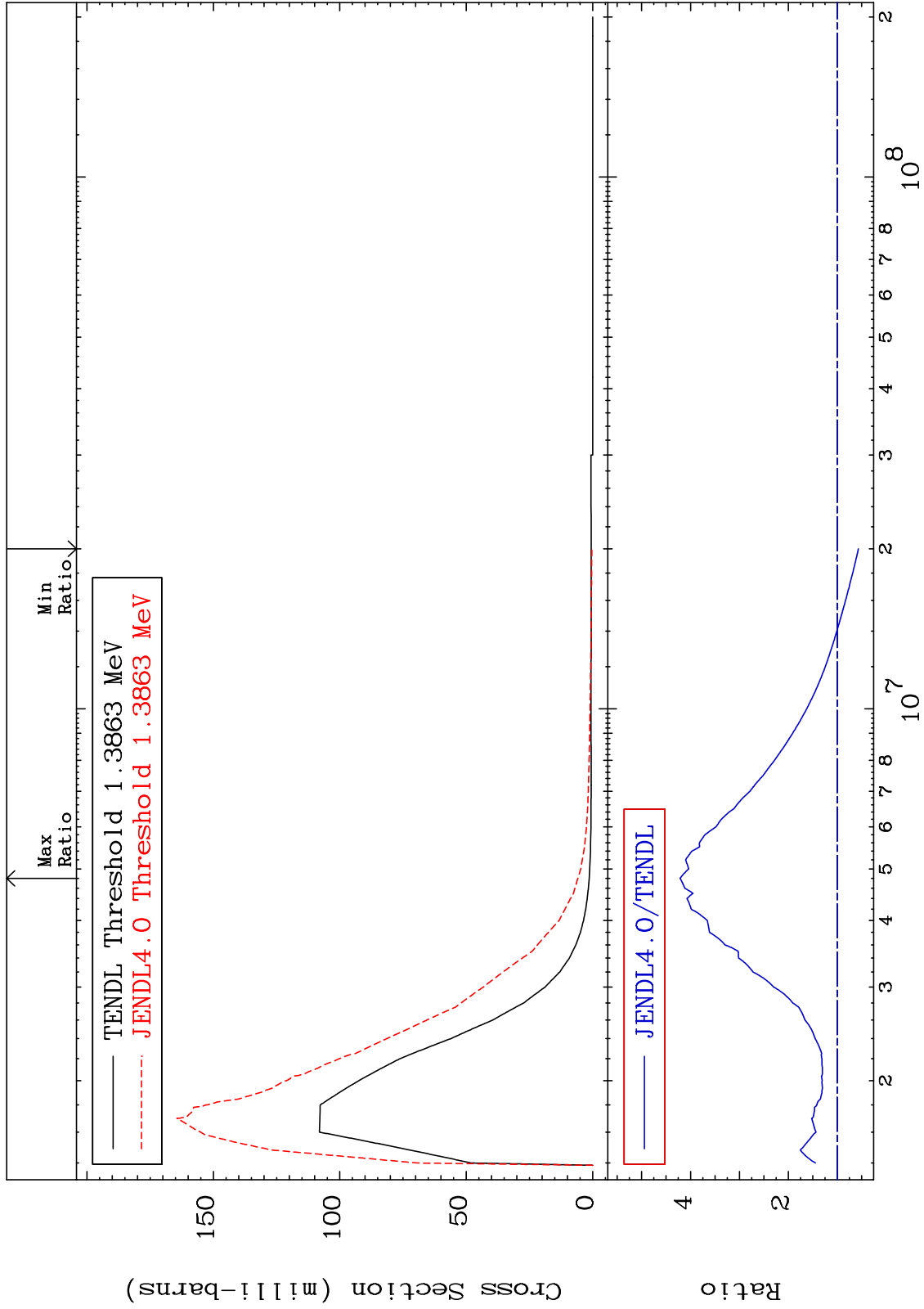
60-Nd-146
-70.56 To 121.6 %



MAT 6037

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

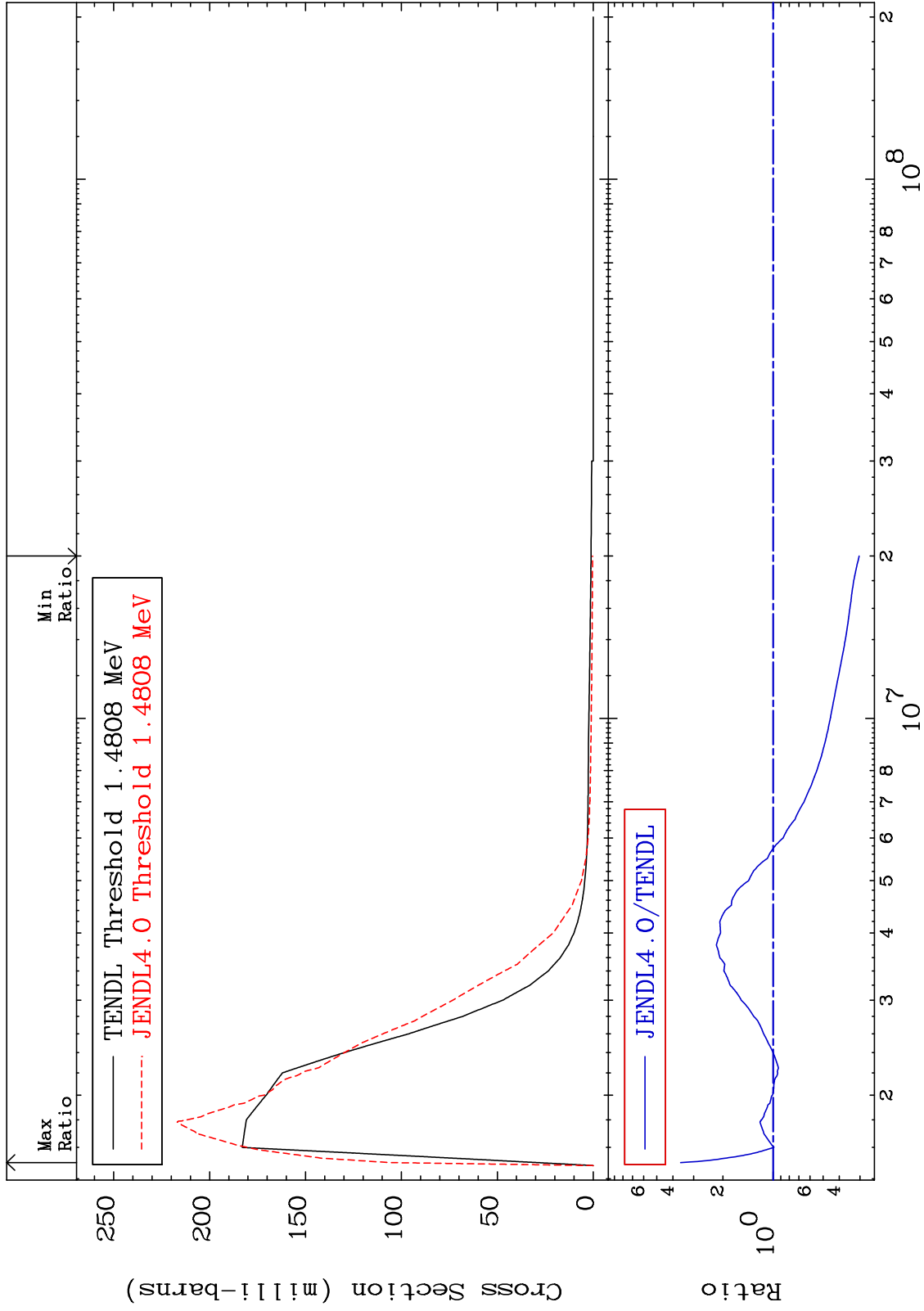
60-Nd-146
-43.38 To 321.5 %



MAT 6037

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

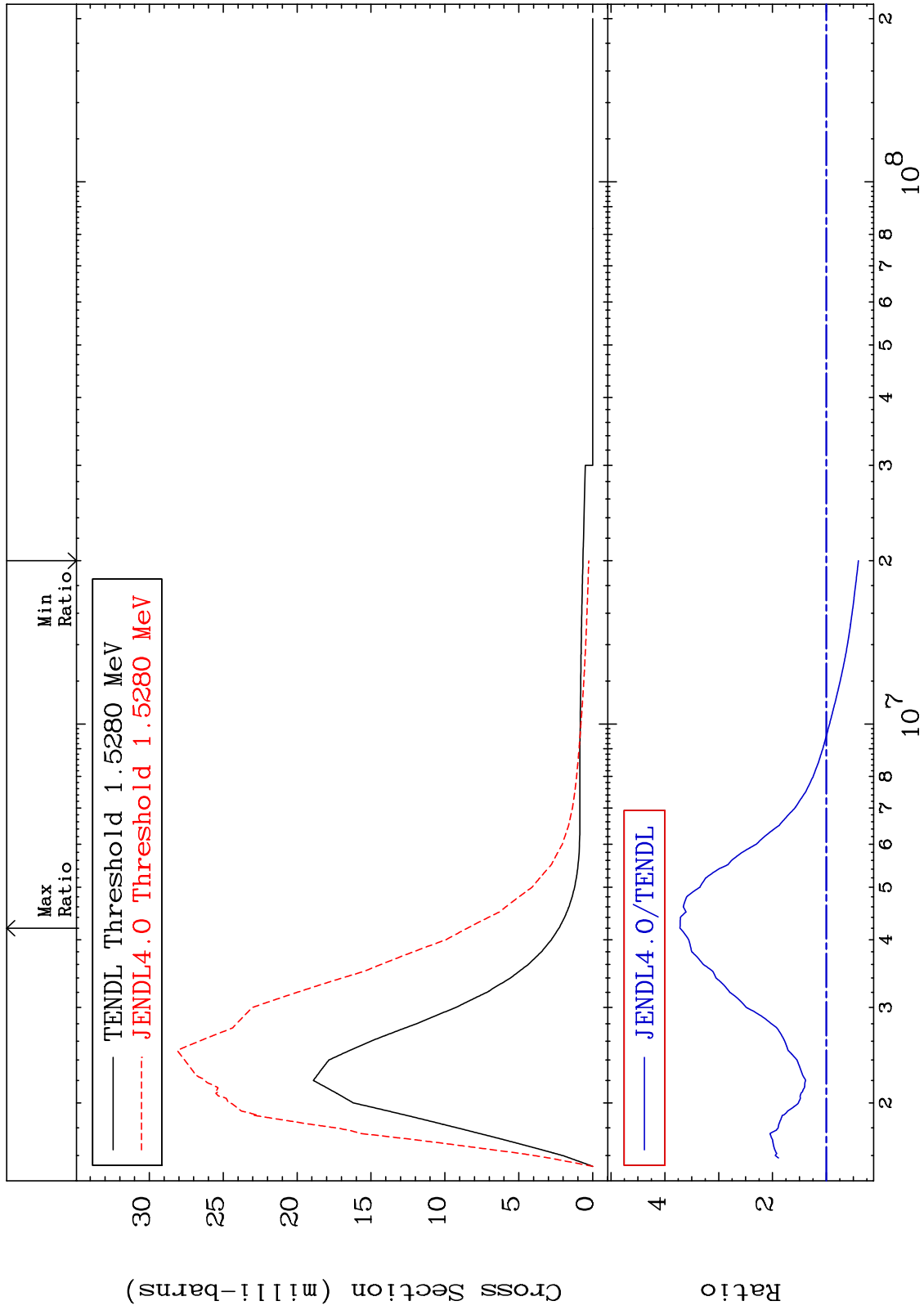
60-Nd-146
-69.65 To 259.4 %



MAT 6037

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

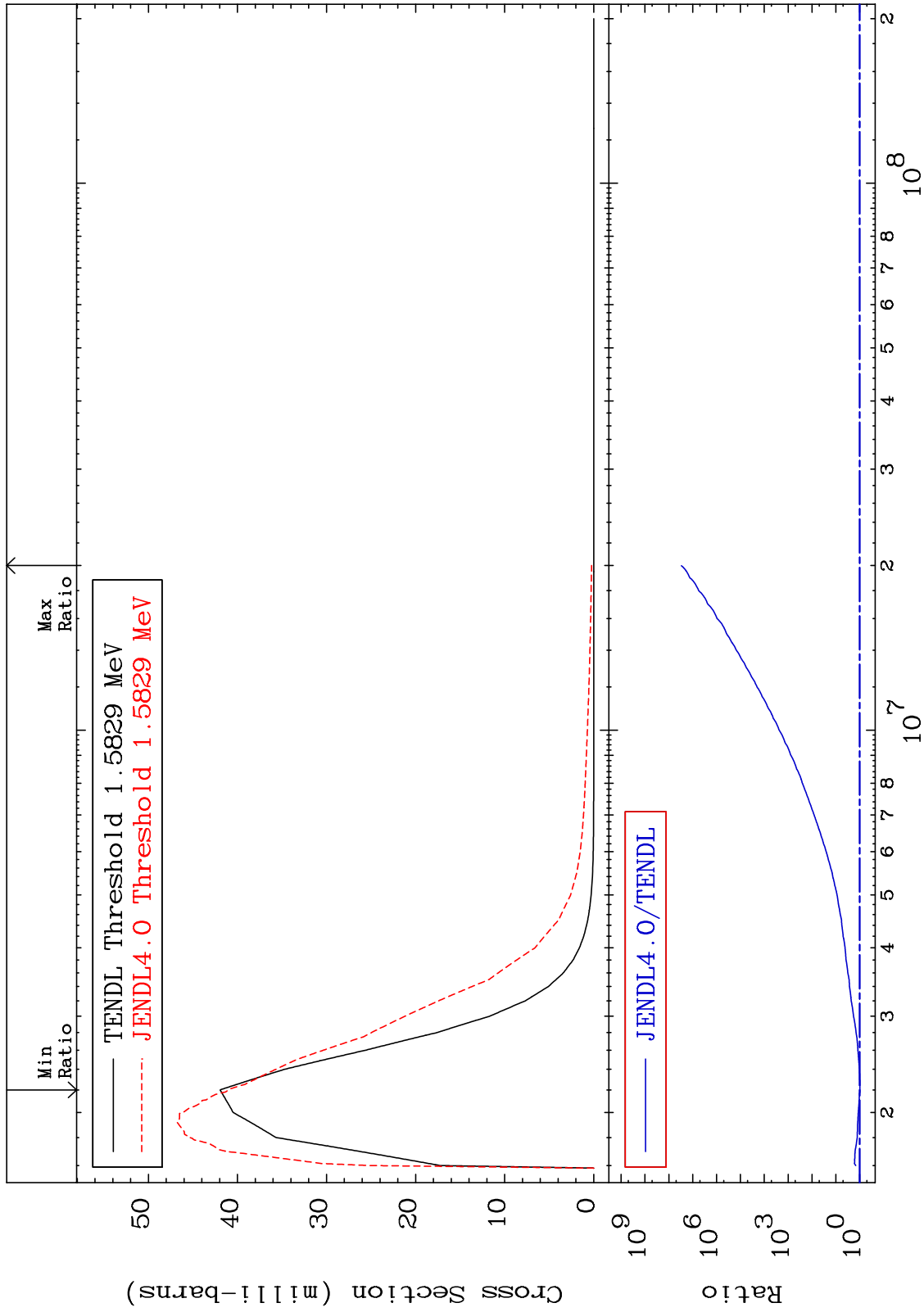
60-Nd-146
-59.44 To 271.8 %



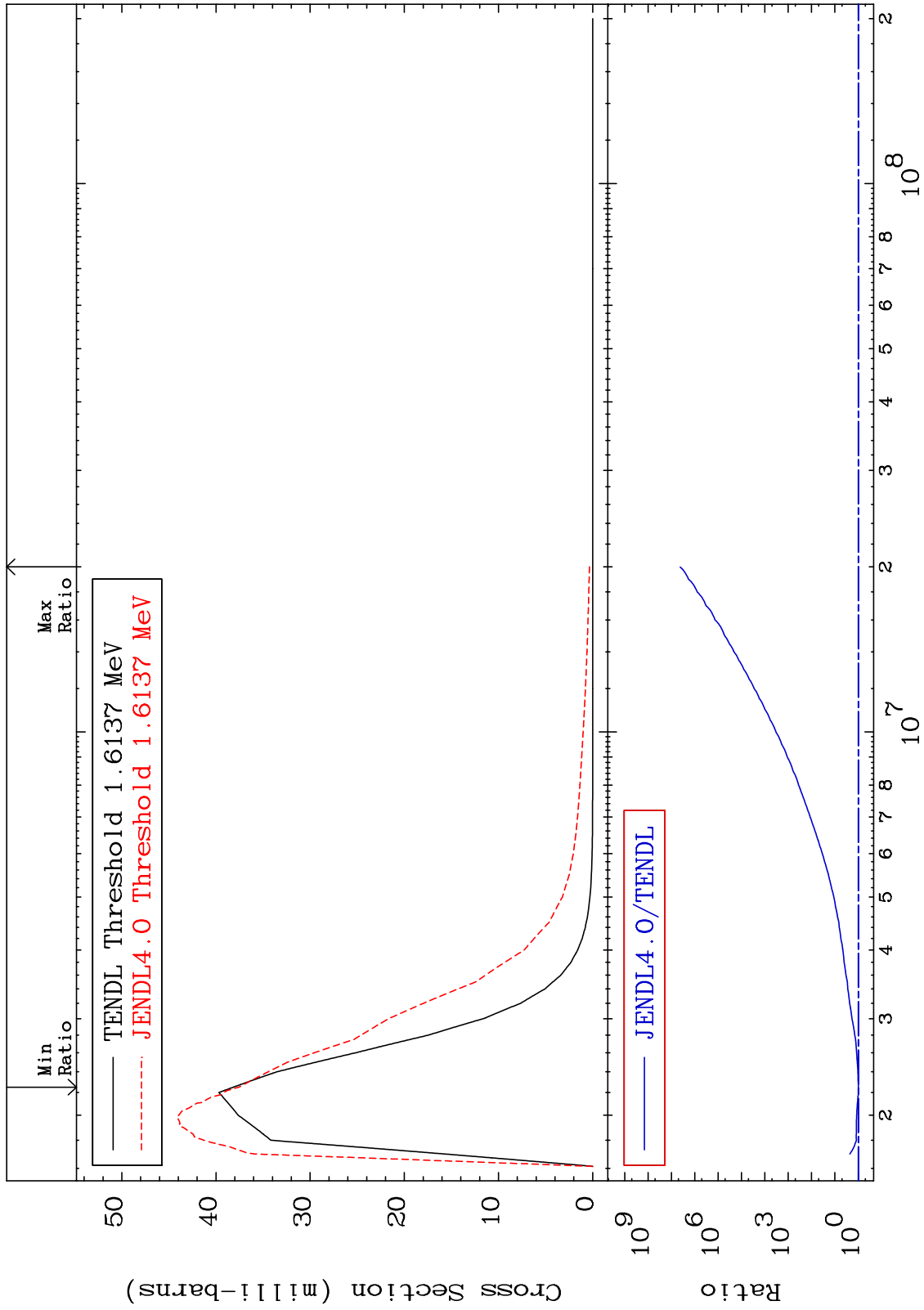
MAT 6037

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

60-Nd-146
-2.380 To 9999. %



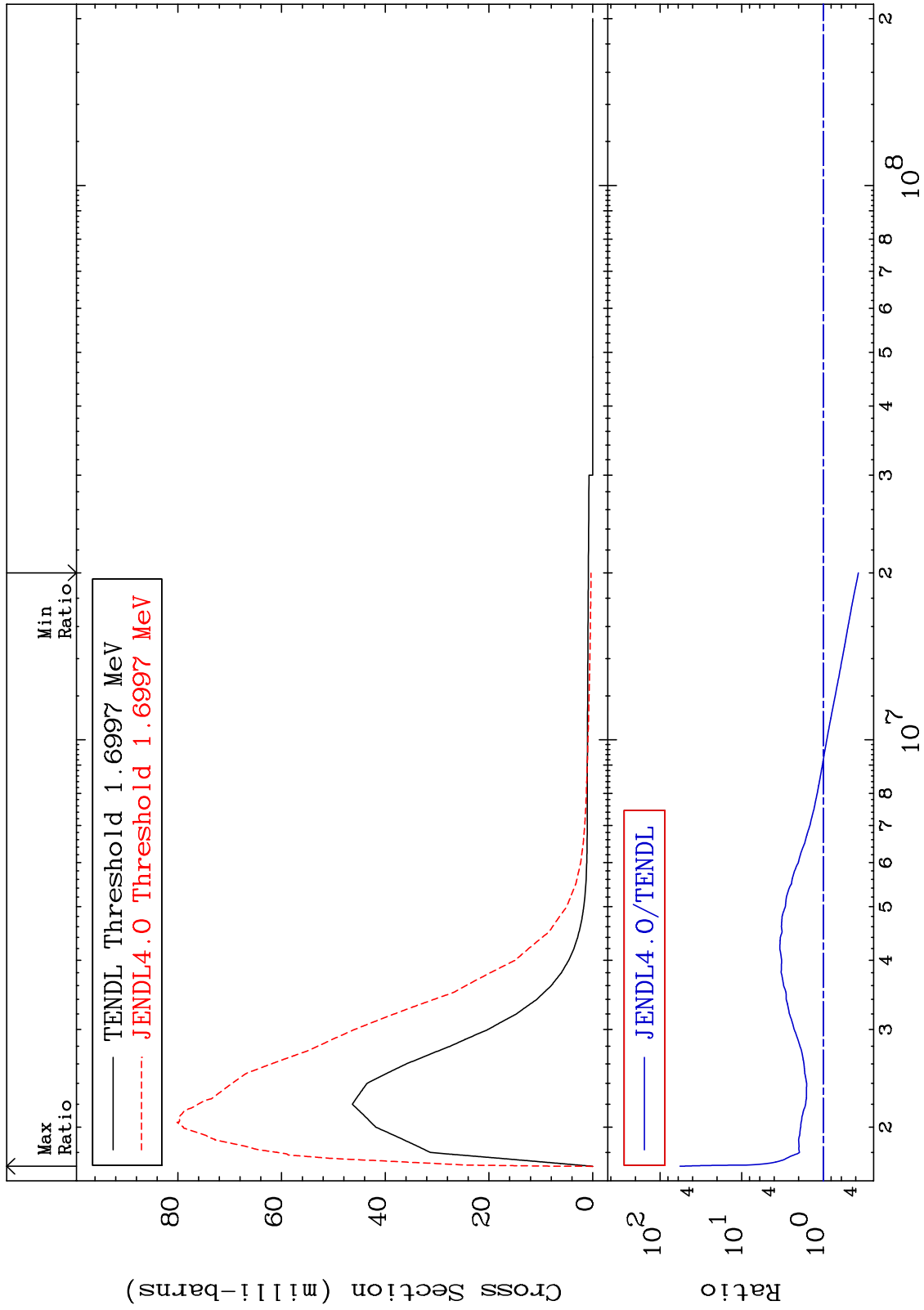
MAT 6037 MT= 60 (n,n') Level
 Cross Section 60-Nd-146
 -1.502 To 9999. %



MAT 6037

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

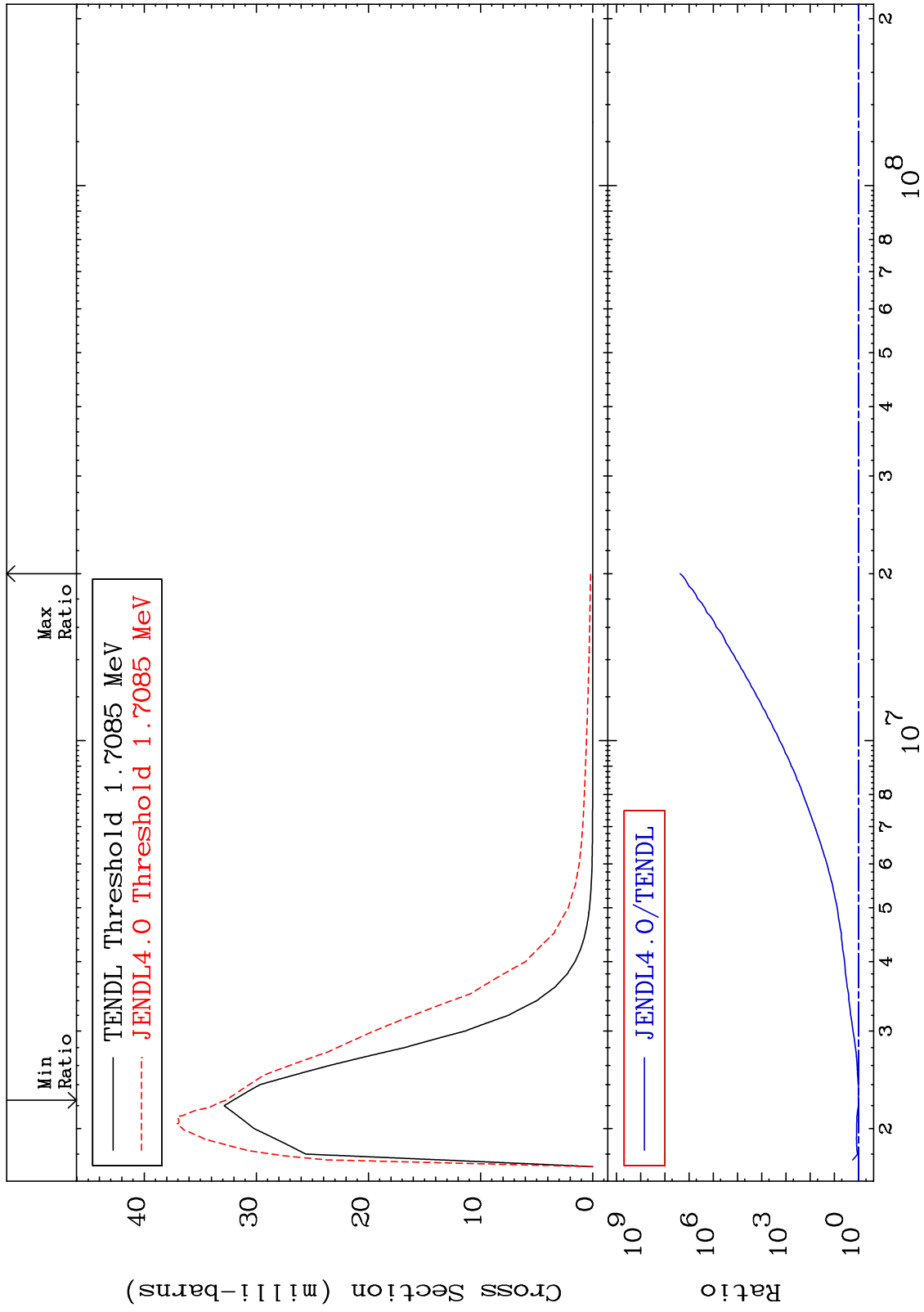
60-Nd-146
-62.92 To 5588. %



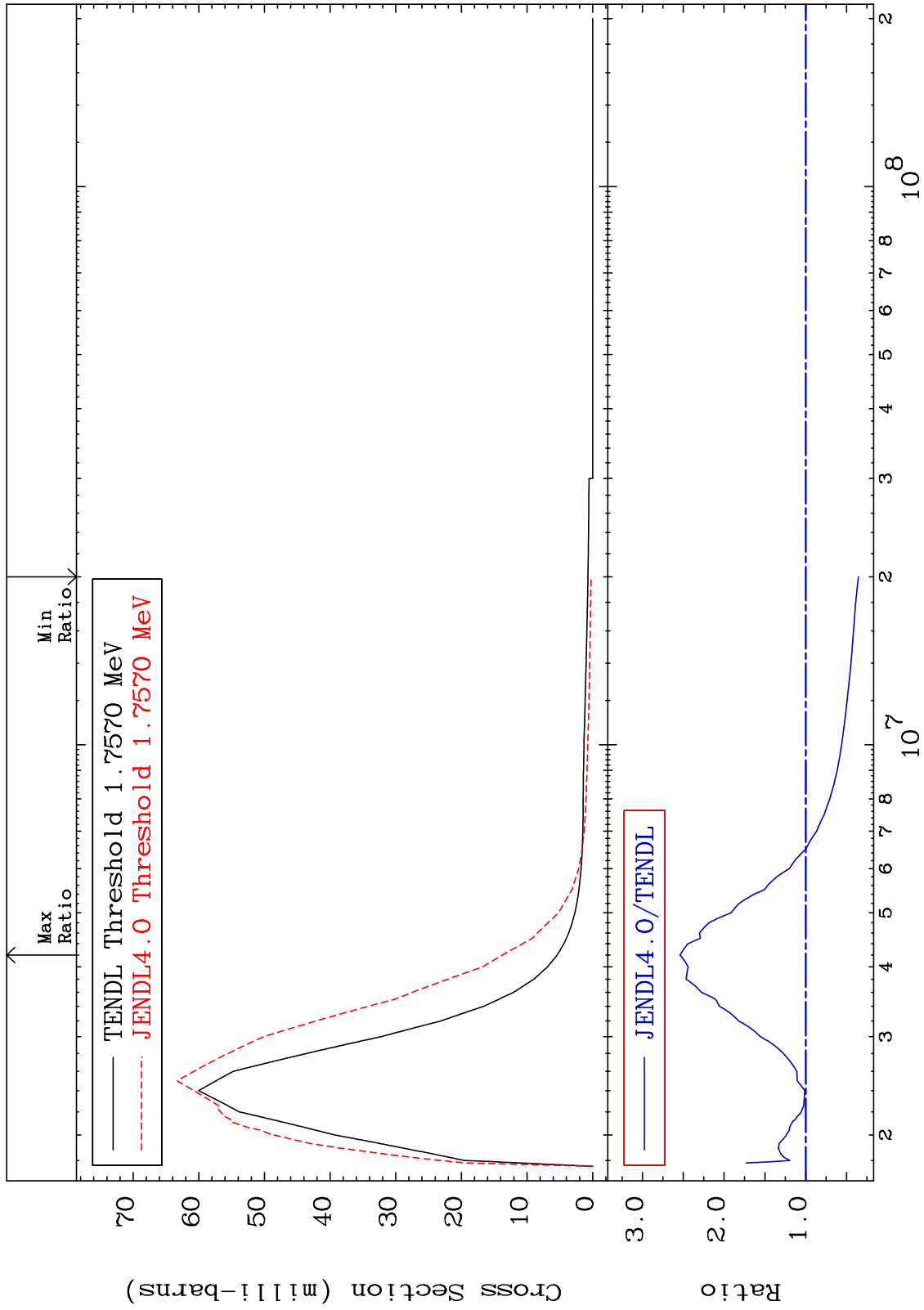
MAT 6037

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

60-Nd-146
1.976 To 9999. %



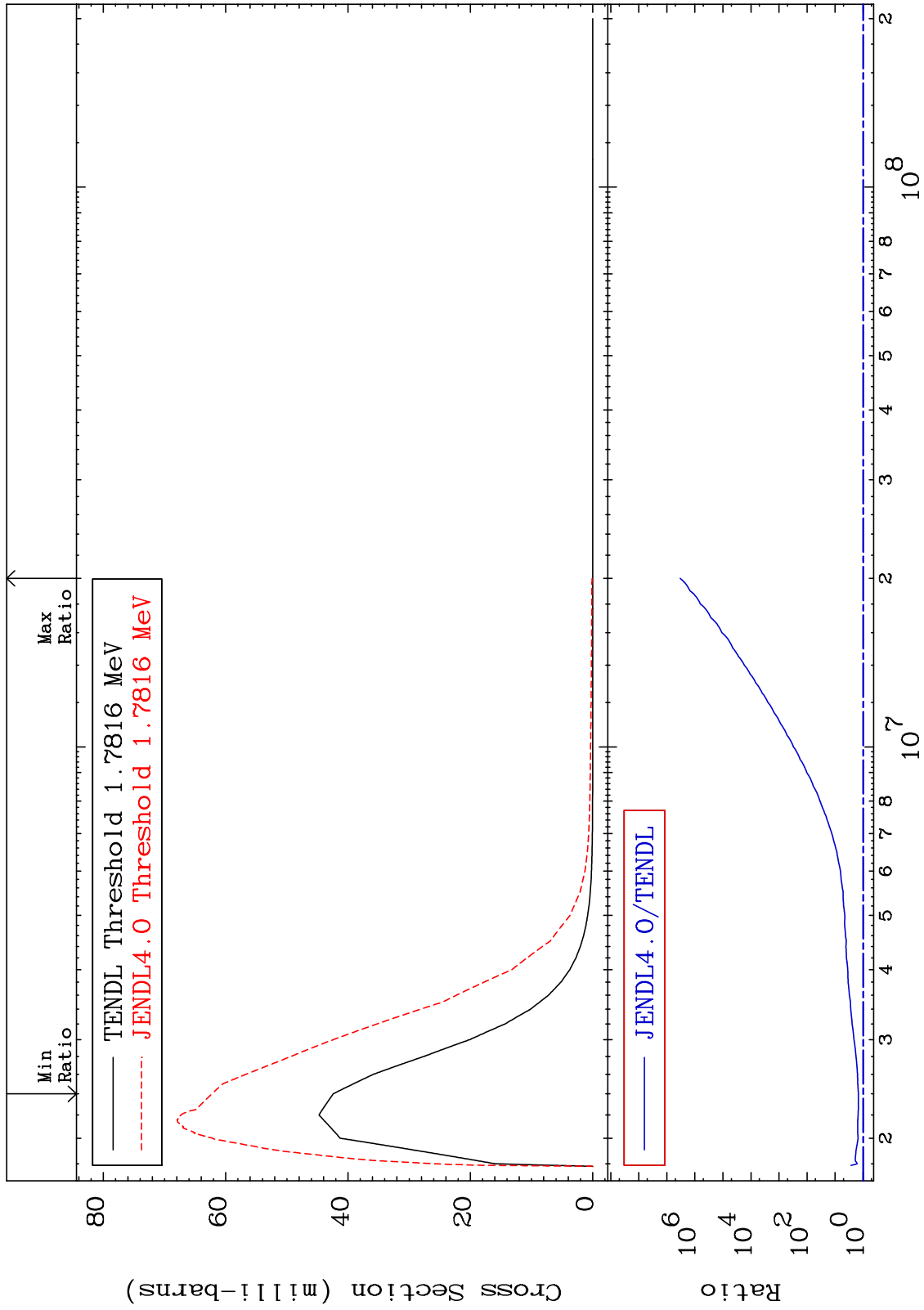
MAT 6037 MT= 63 (n,n') Level
 Cross Section 60-Nd-146
 -64.57 To 154.0 %



60-Nd-146

Incident Energy (eV)

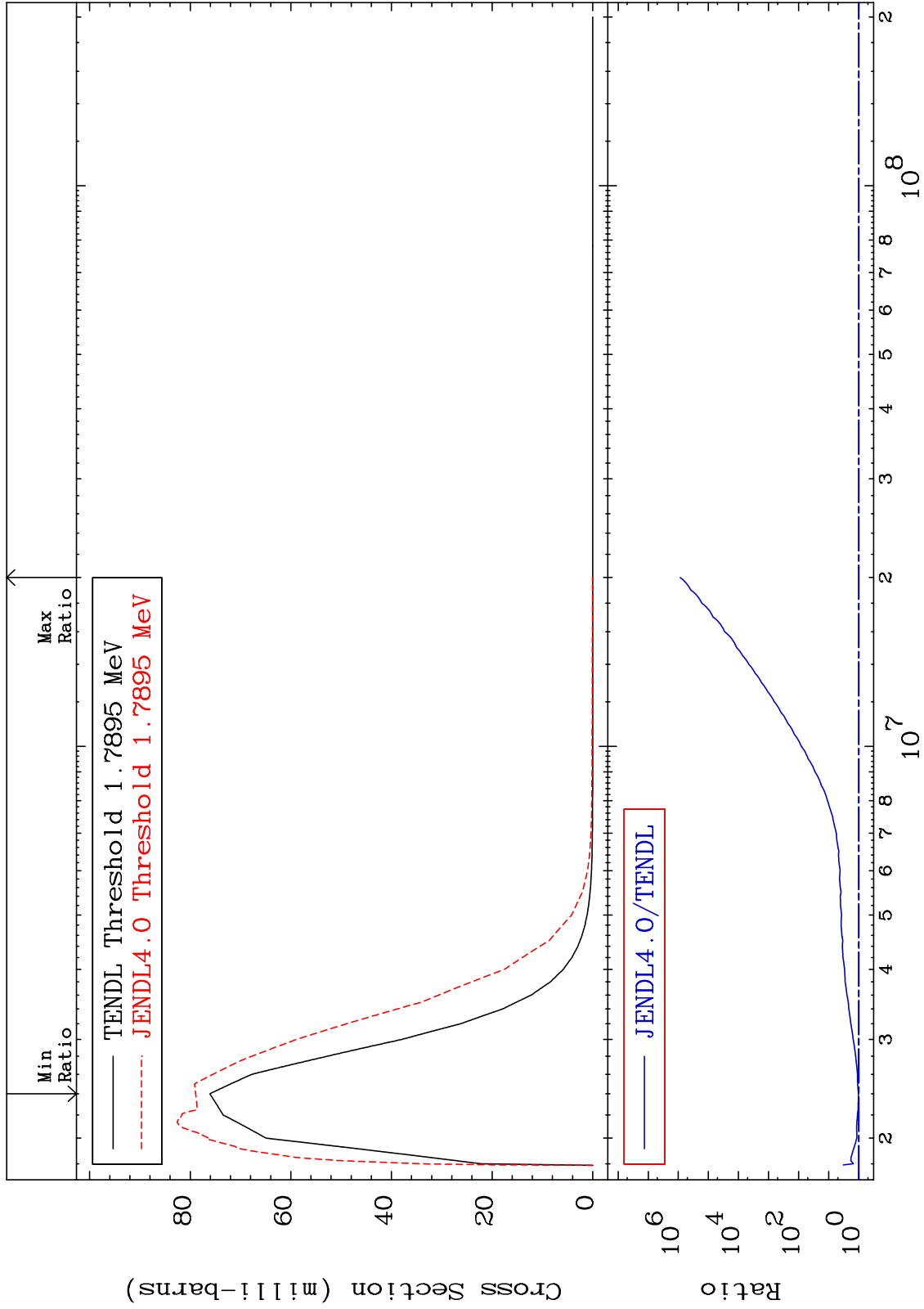
MAT 6037 MT= 64 (n,n') Level Cross Section 60-Nd-146
 46.69 To 9999. %



MAT 6037

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

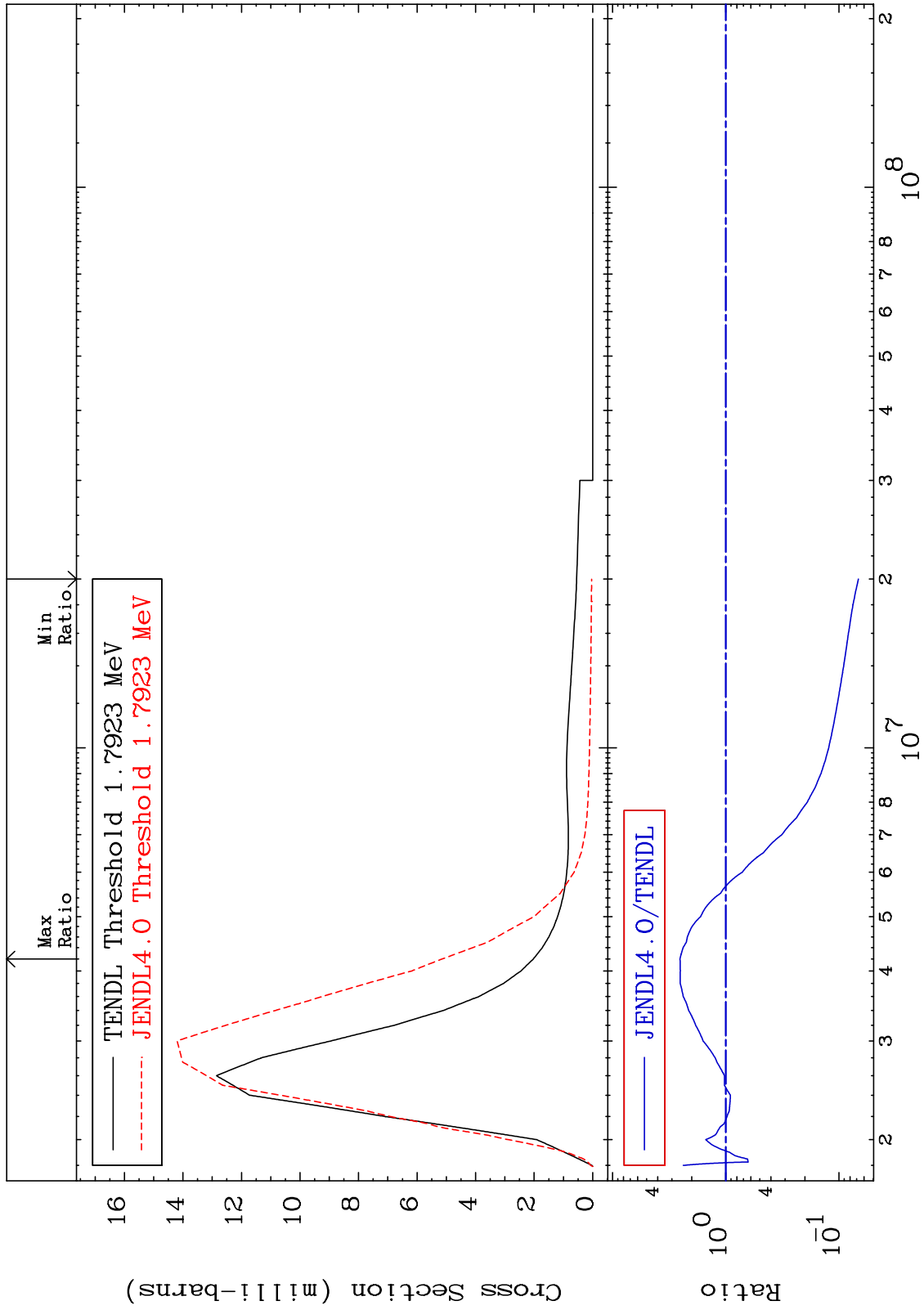
60-Nd-146
3.705 To 9999. %



MAT 6037

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

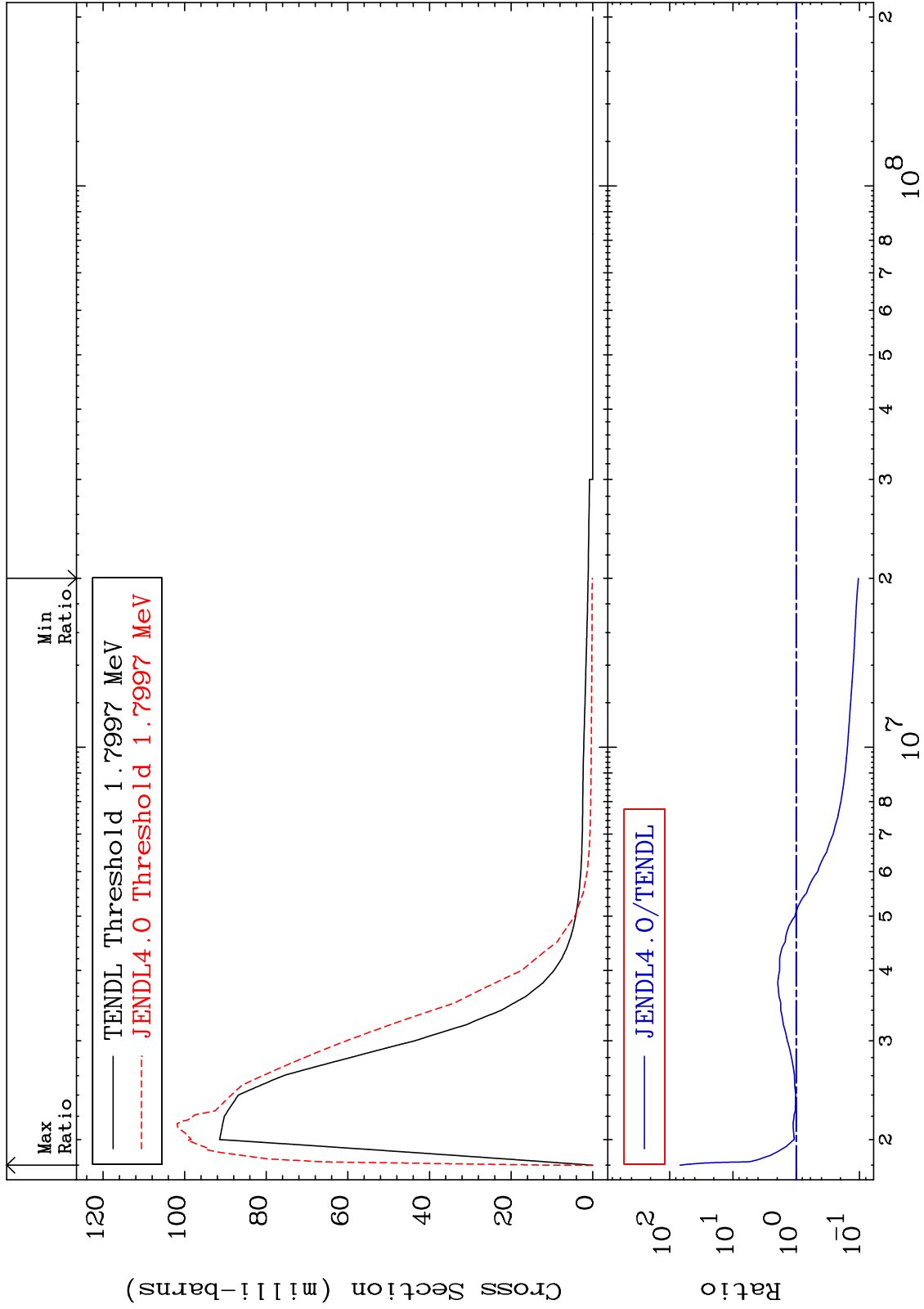
60-Nd-146
-93.26 To 153.8 %



MAT 6037

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

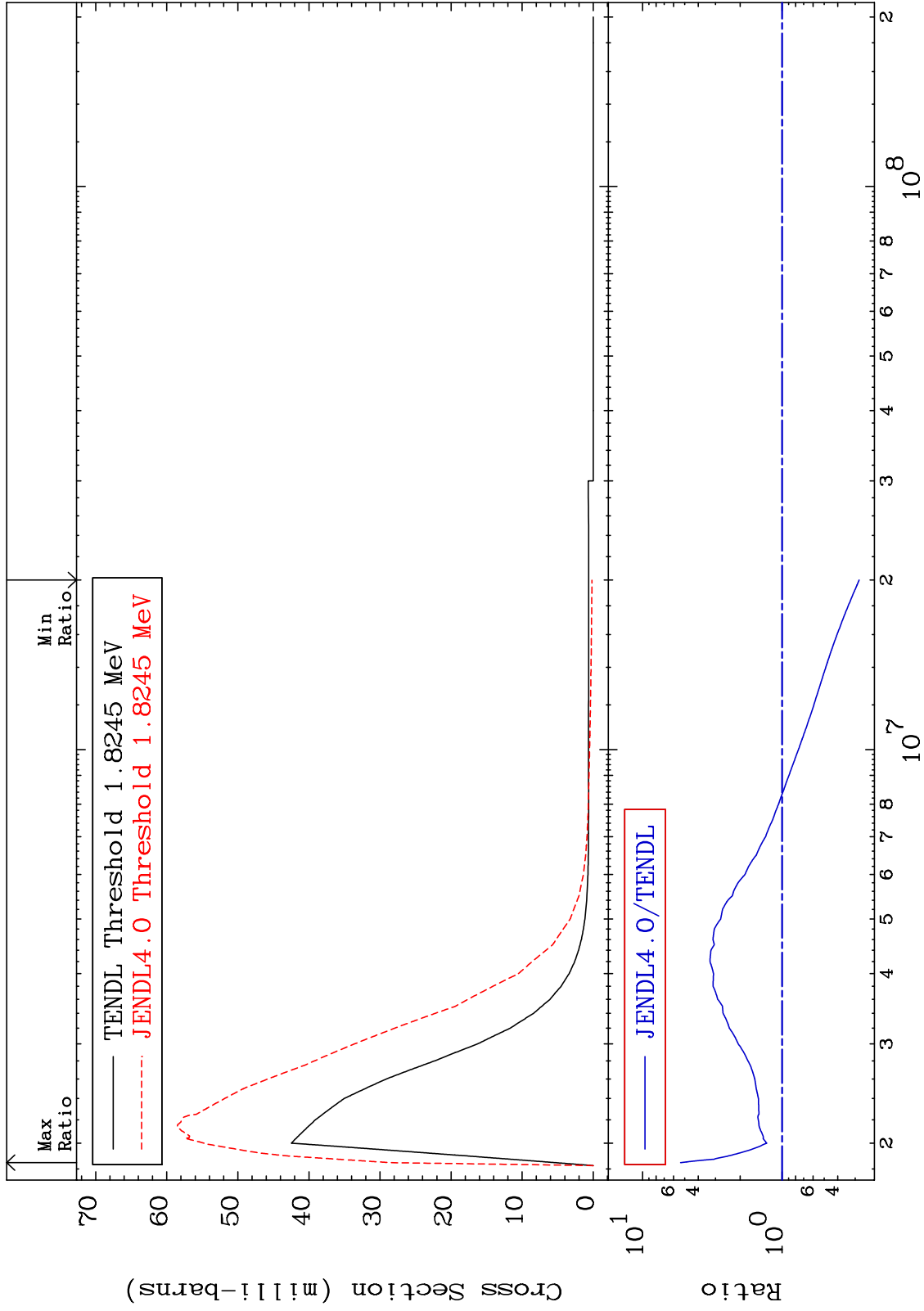
60-Nd-146
-89.57 To 6747. %



MAT 6037

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

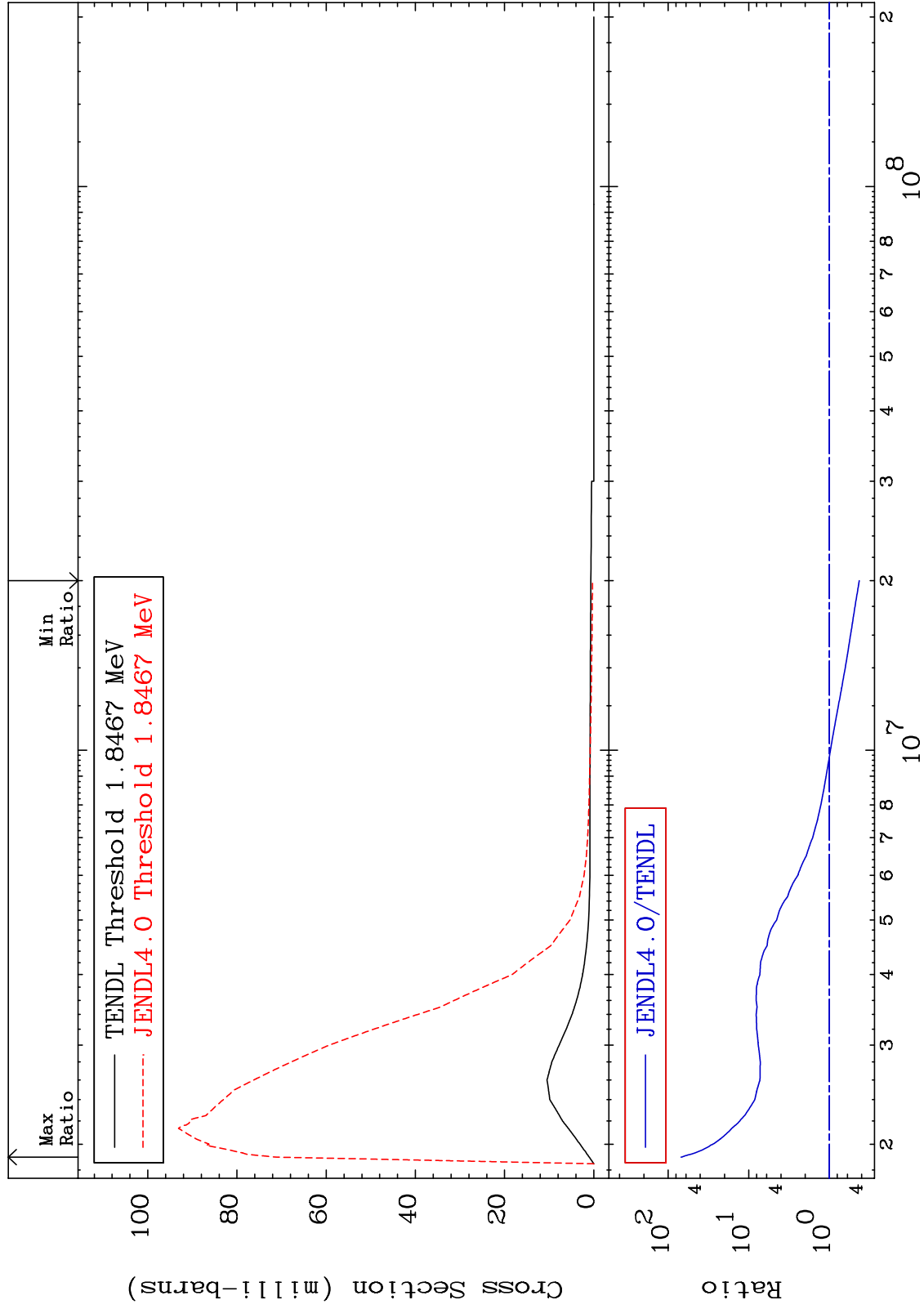
60-Nd-146
-71.95 To 434.0 %



MAT 6037

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

60-Nd-146
-57.31 To 6820. %

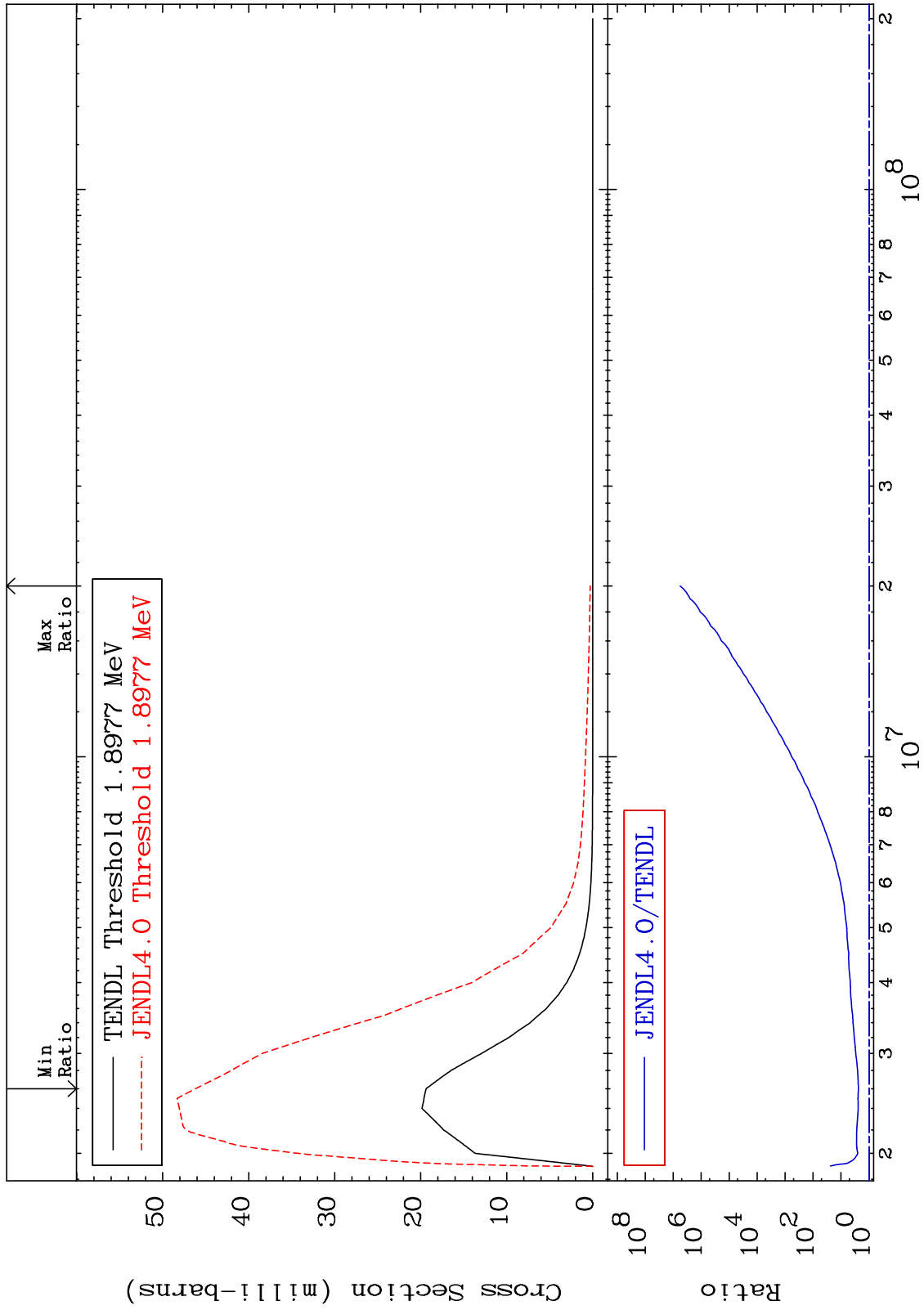


30

Incident Energy (eV)

60-Nd-146

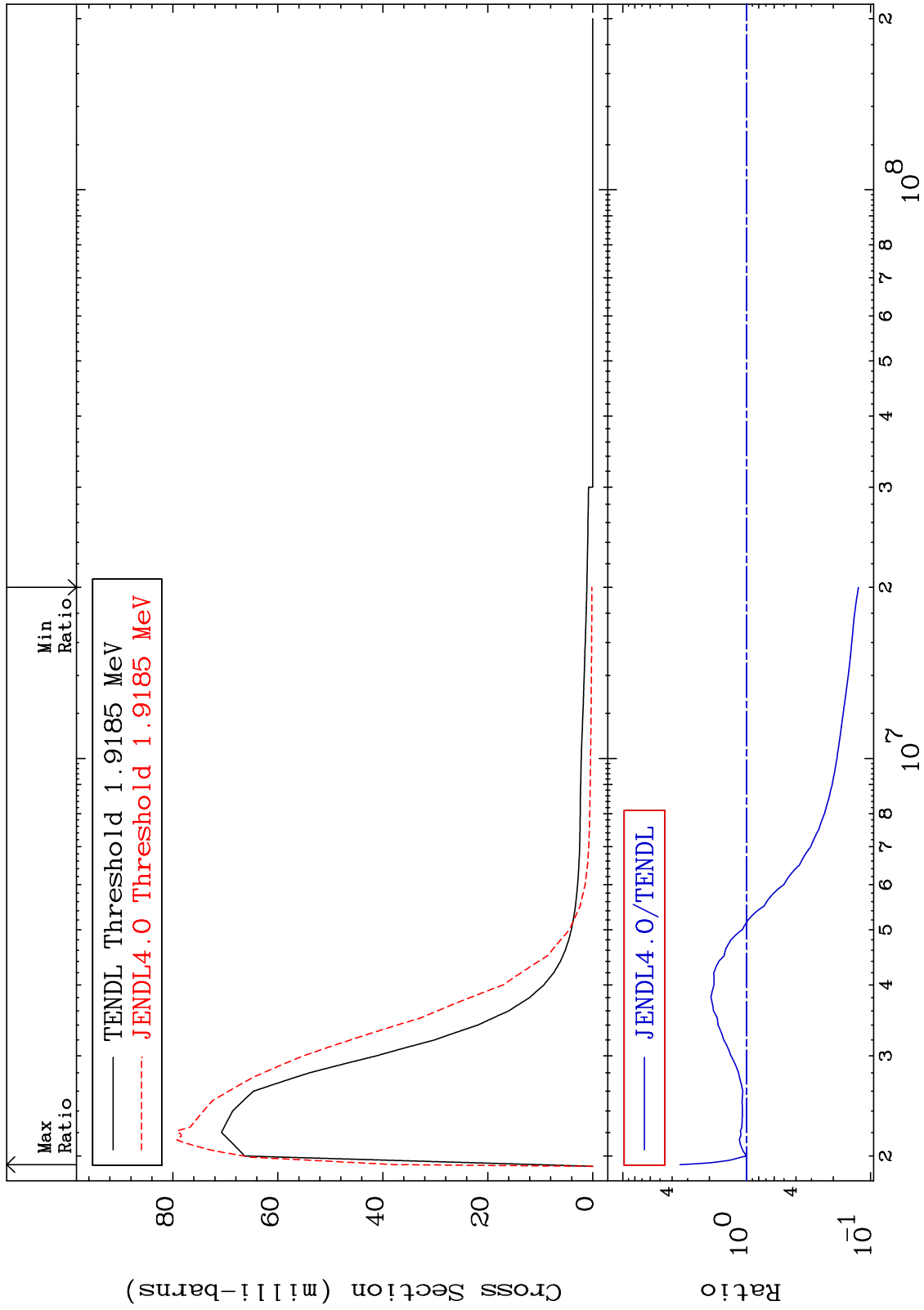
MAT 6037 MT= 70 (n,n') Level Cross Section 60-Nd-146
 138.3 To 9999. %



MAT 6037

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

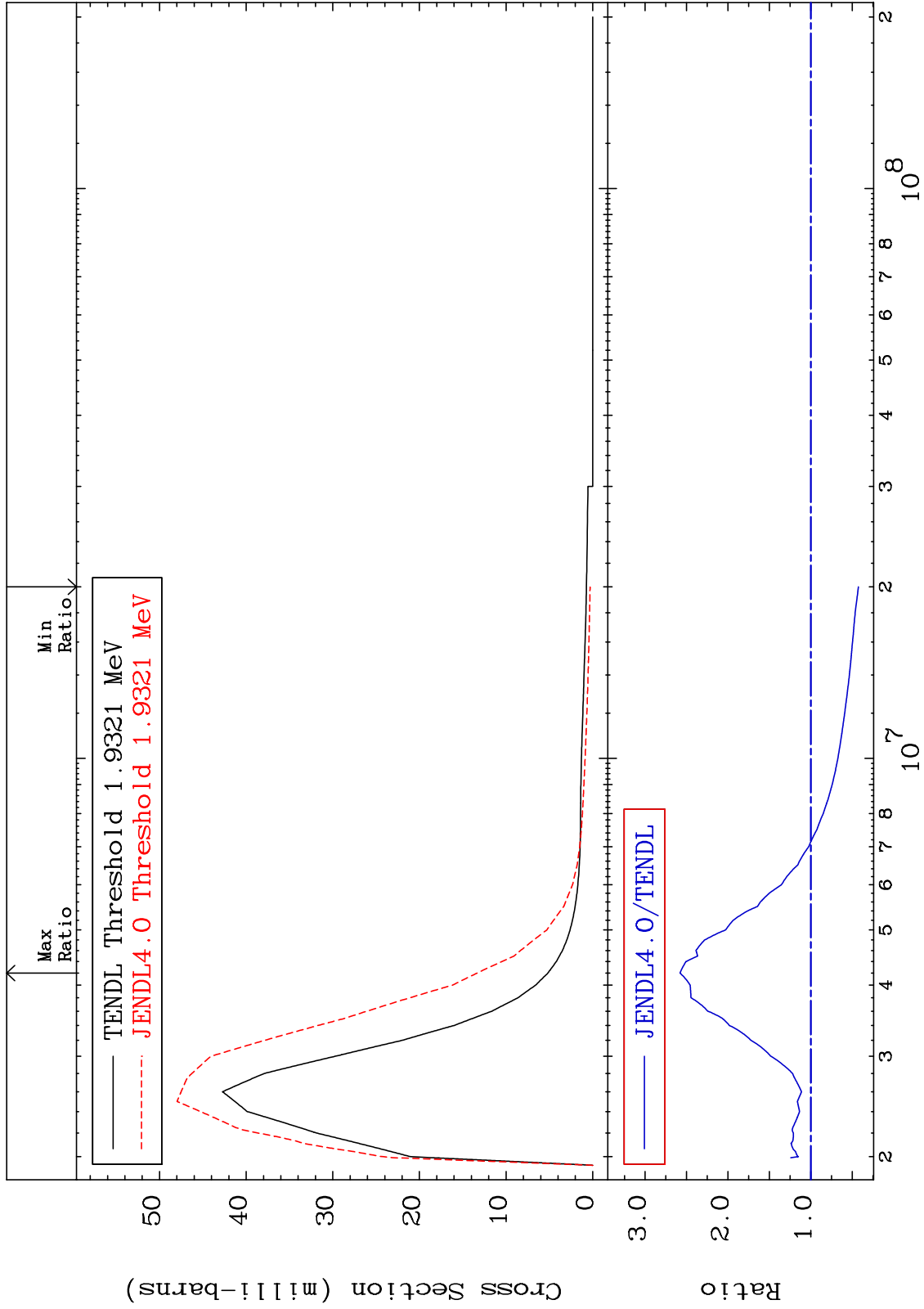
60-Nd-146
-87.48 To 245.0 %



MAT 6037

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

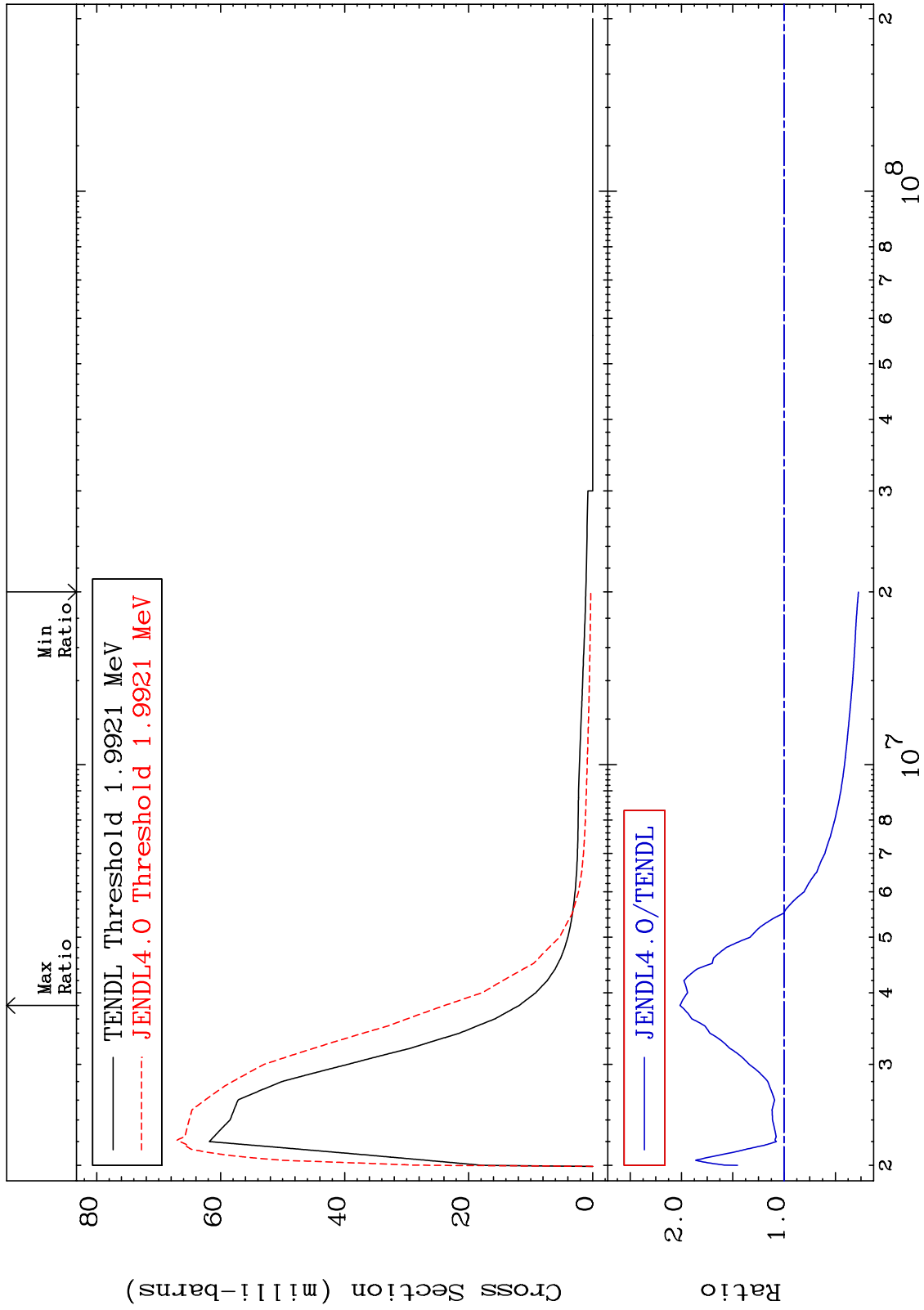
60-Nd-146
-57.54 To 157.9 %



MAT 6037

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

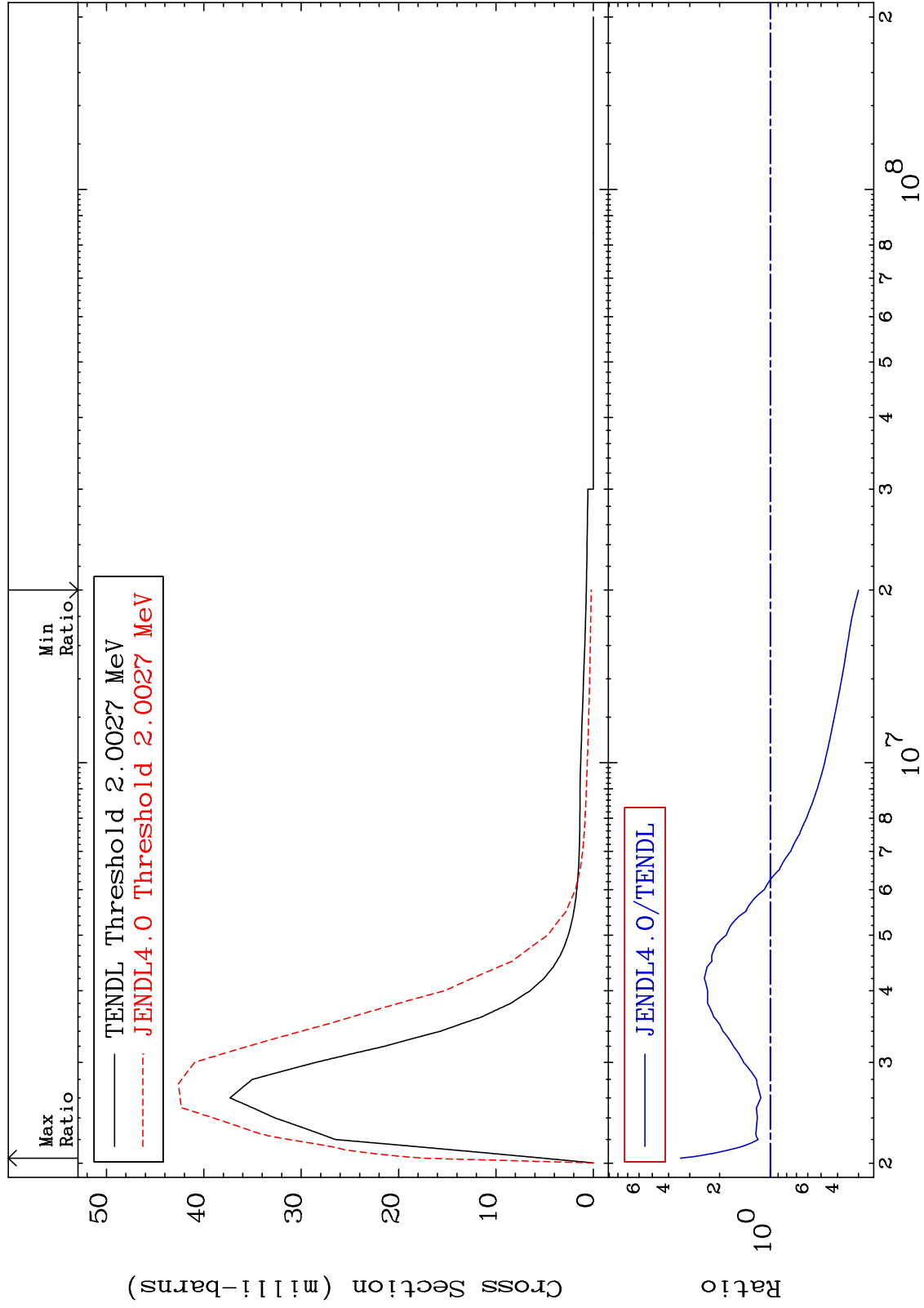
60-Nd-146
-72.45 To 101.4 %



MAT 6037

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

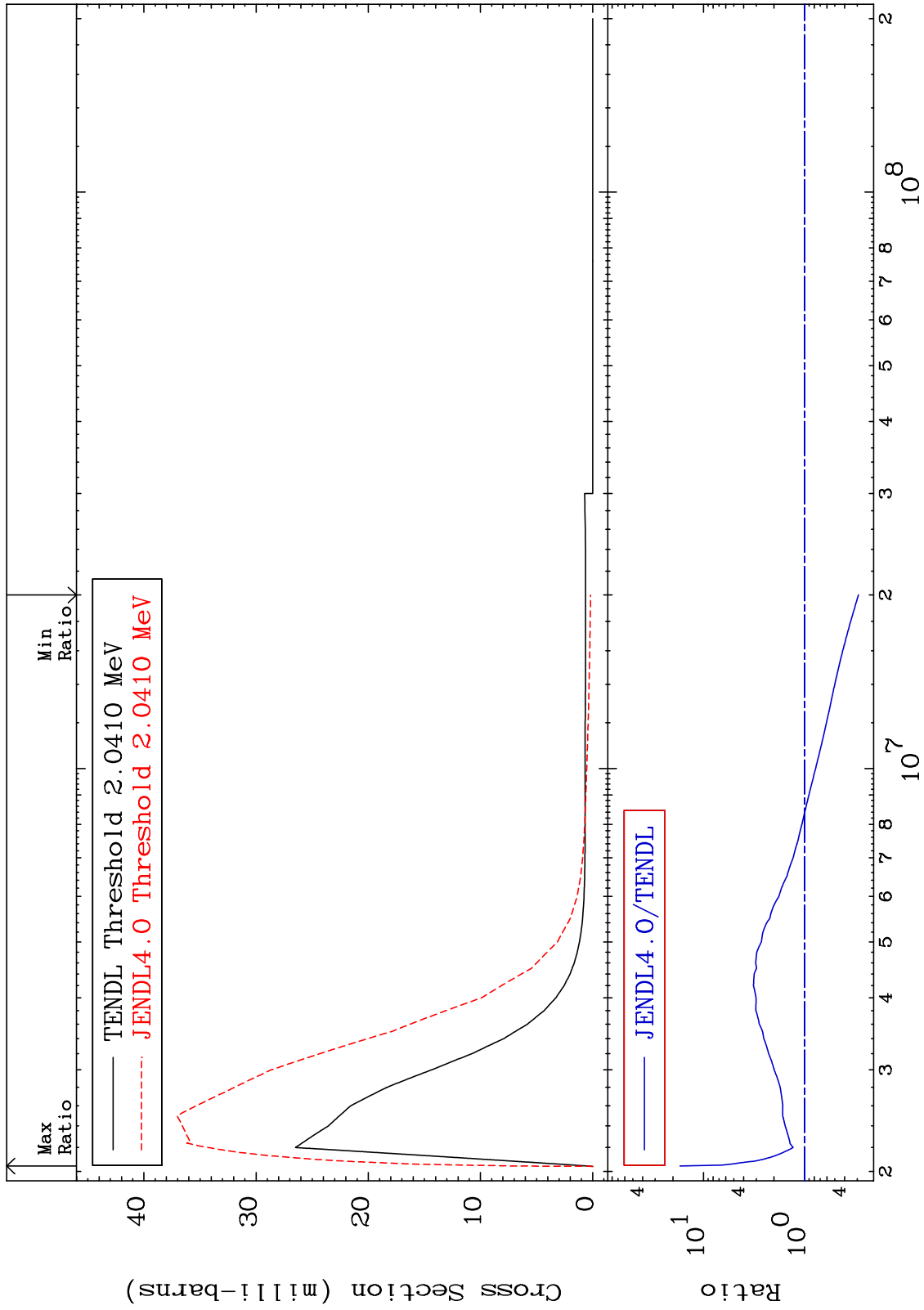
60-Nd-146
-69.98 To 240.7 %



MAT 6037

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

60-Nd-146
-70.75 To 1604. %



36

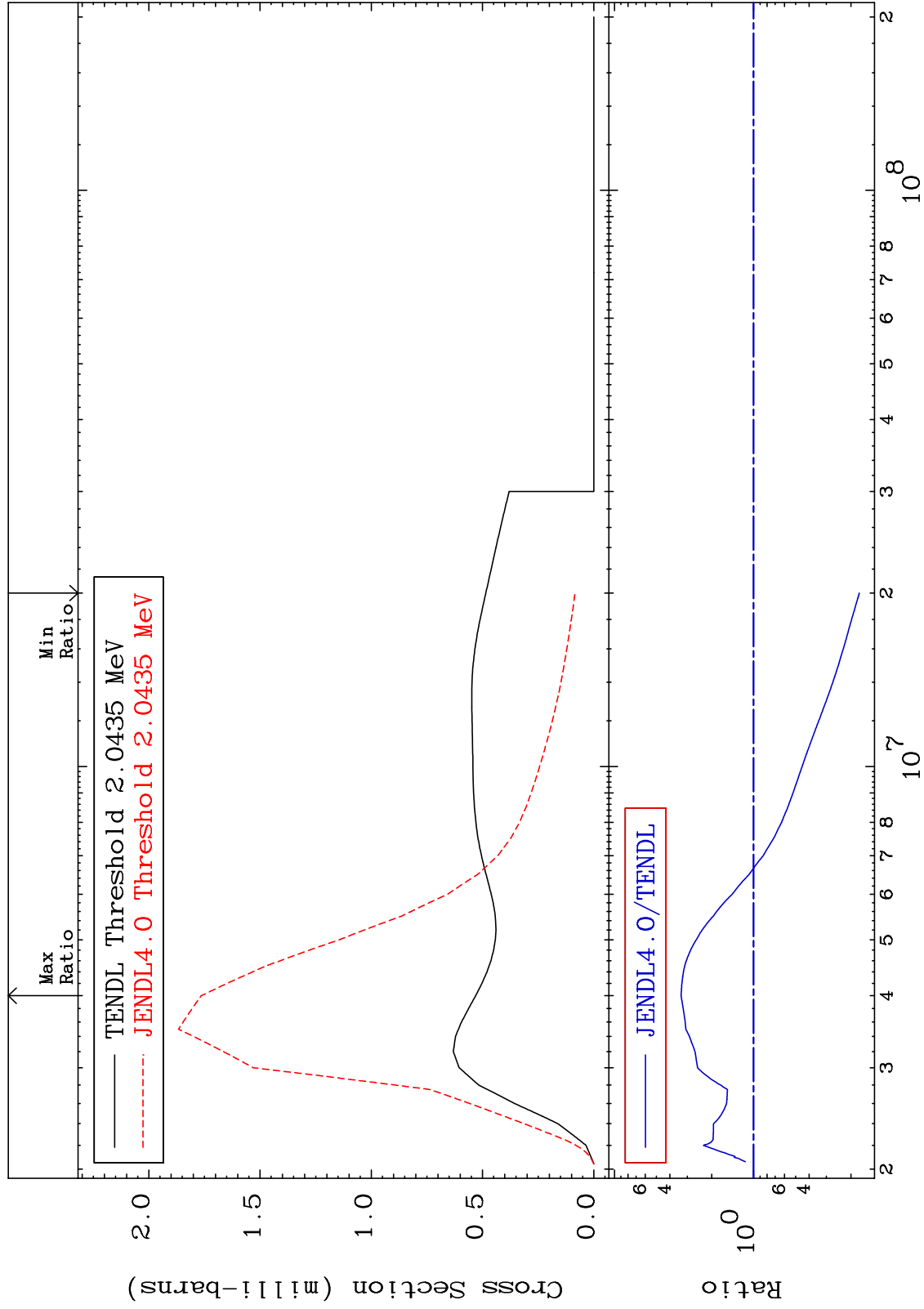
Incident Energy (eV)

60-Nd-146

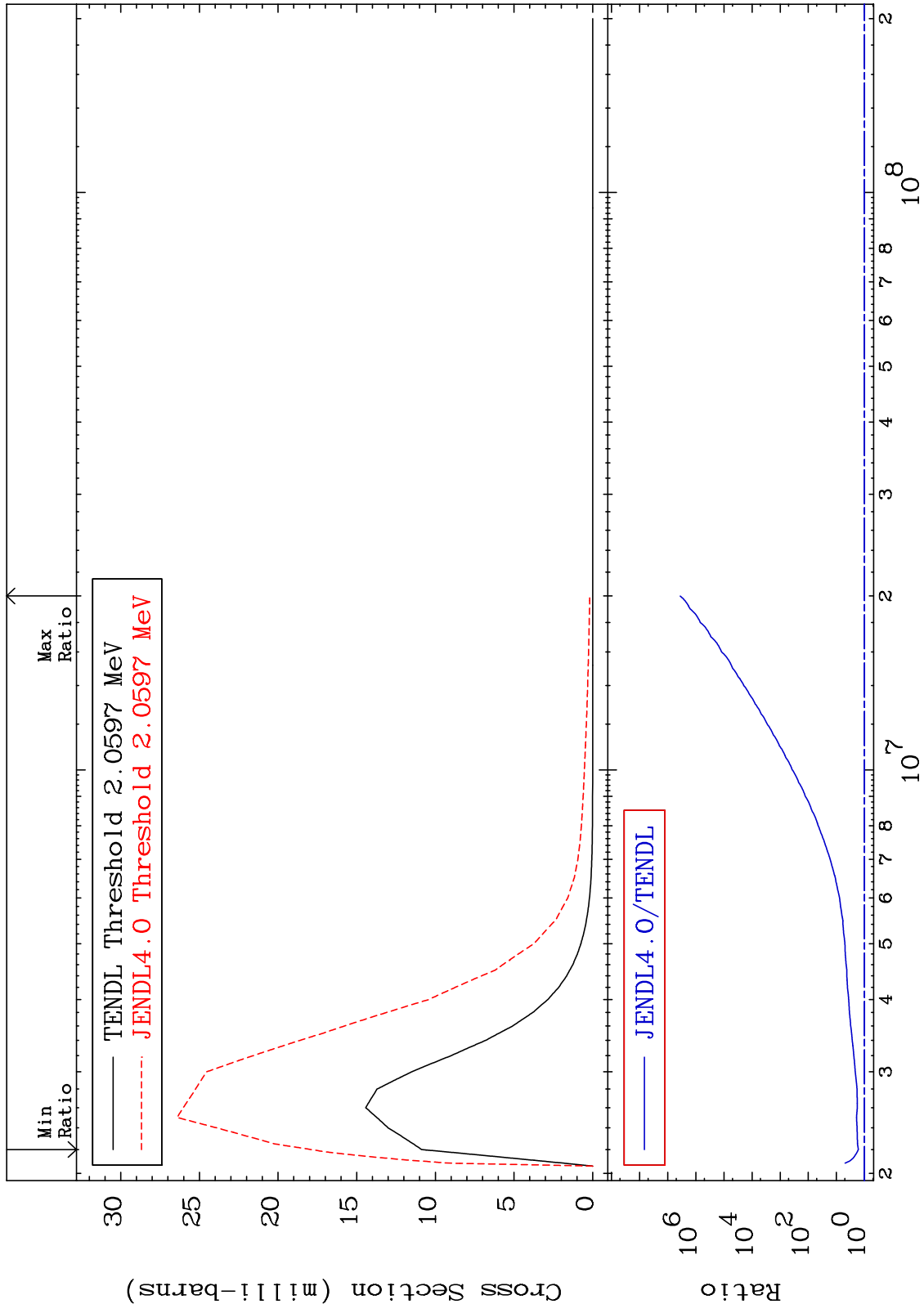
MAT 6037

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

60-Nd-146
-82.59 To 232.3 %



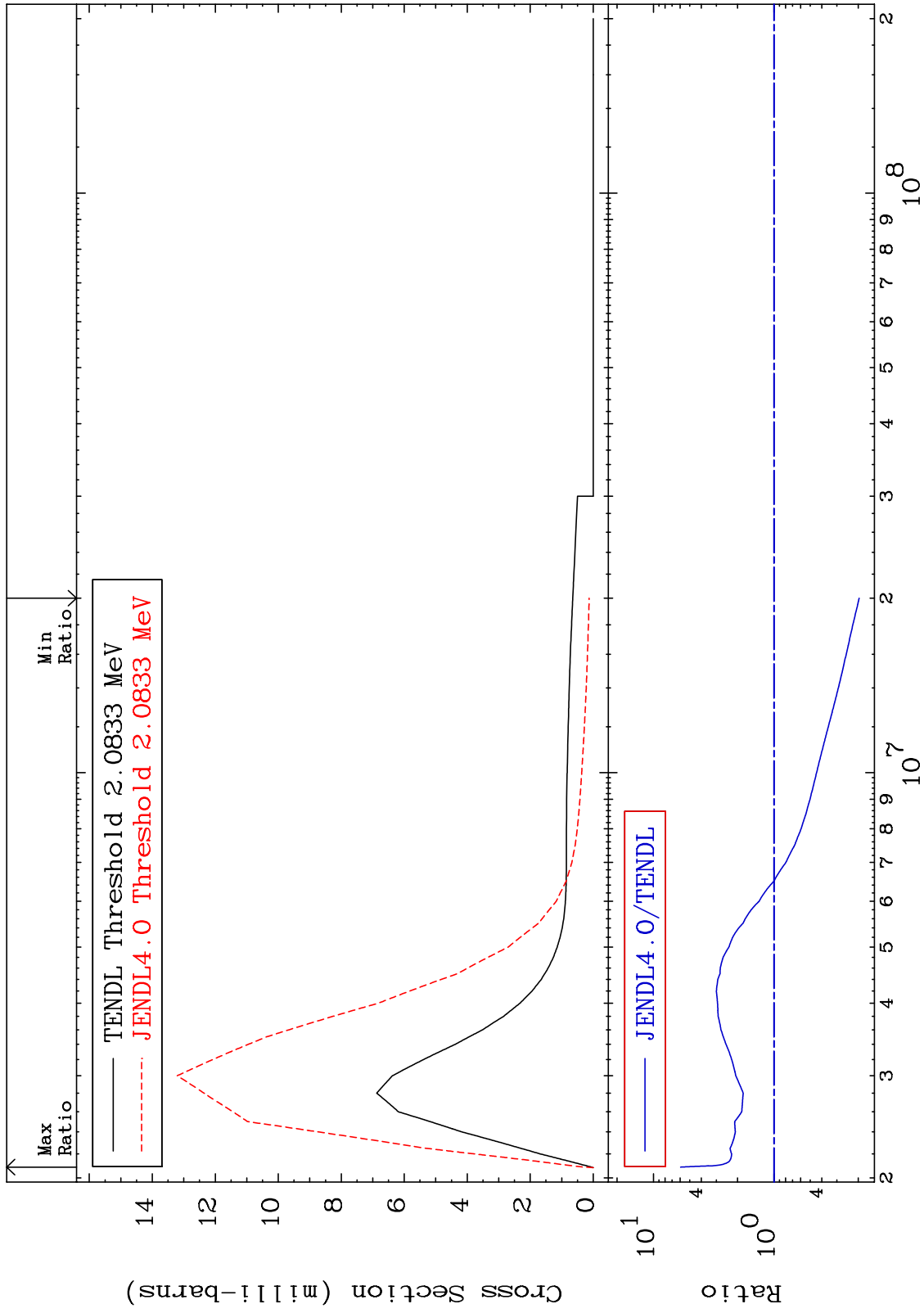
MAT 6037 MT= 77 (n,n') Level Cross Section 60-Nd-146 64.66 To 9999. %



MAT 6037

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

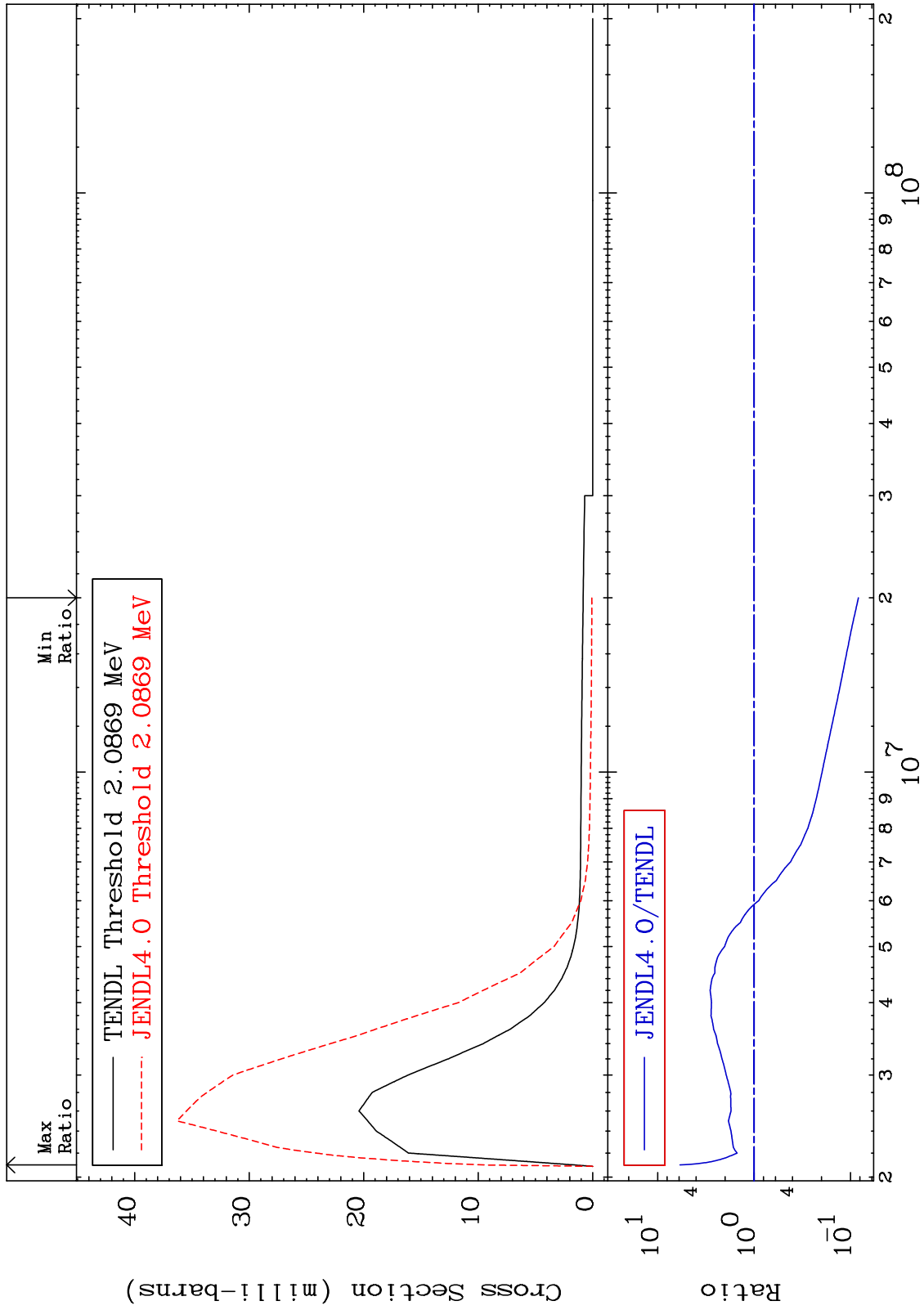
60-Nd-146
-80.39 To 494.5 %



MAT 6037

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

60-Nd-146
-91.73 To 487.3 %



40

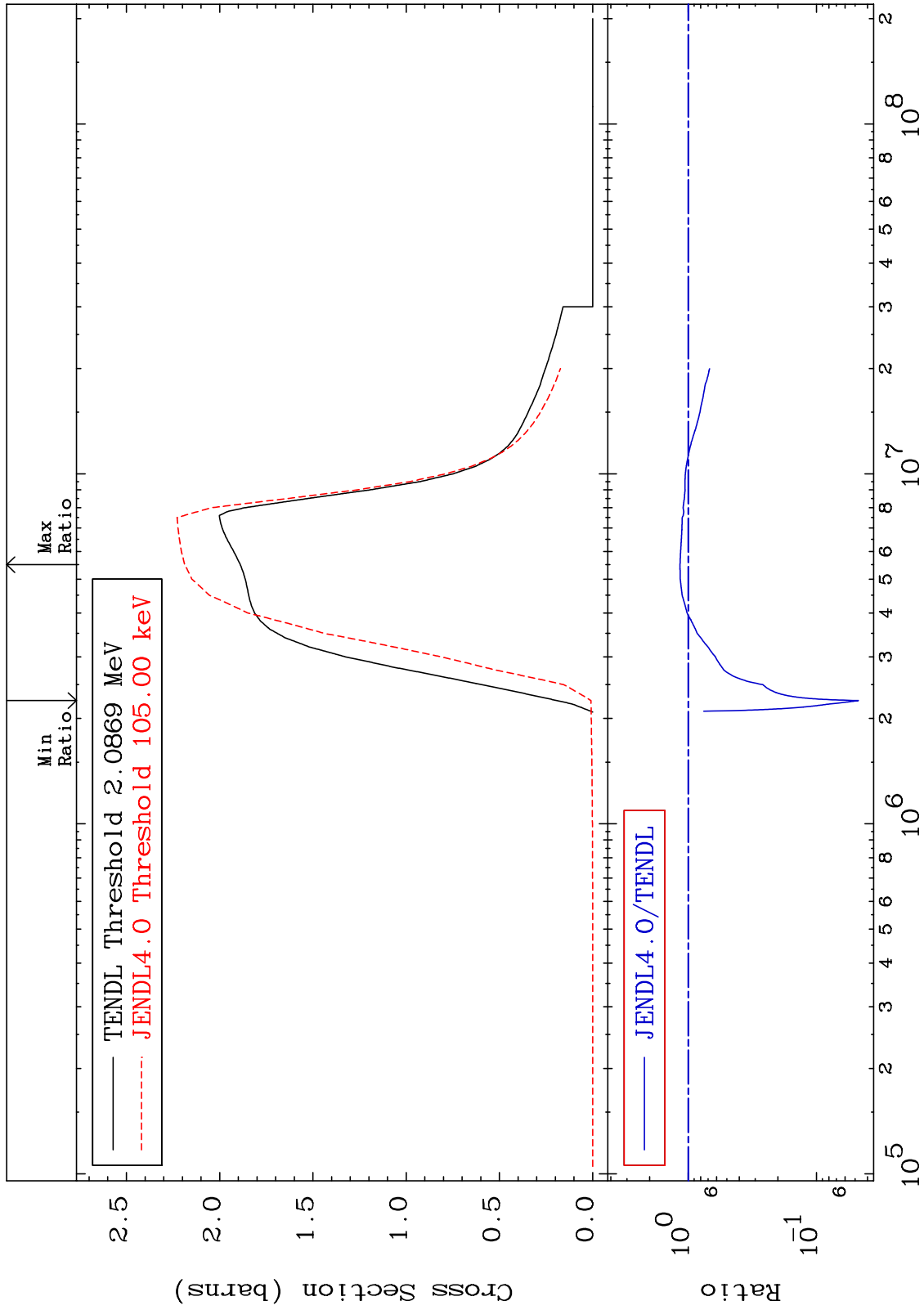
Incident Energy (eV)

60-Nd-146

MAT 6037

(n, n') Continuum
Cross Section

60-Nd-146
-95.28 To 15.75 %



41

Incident Energy (eV)

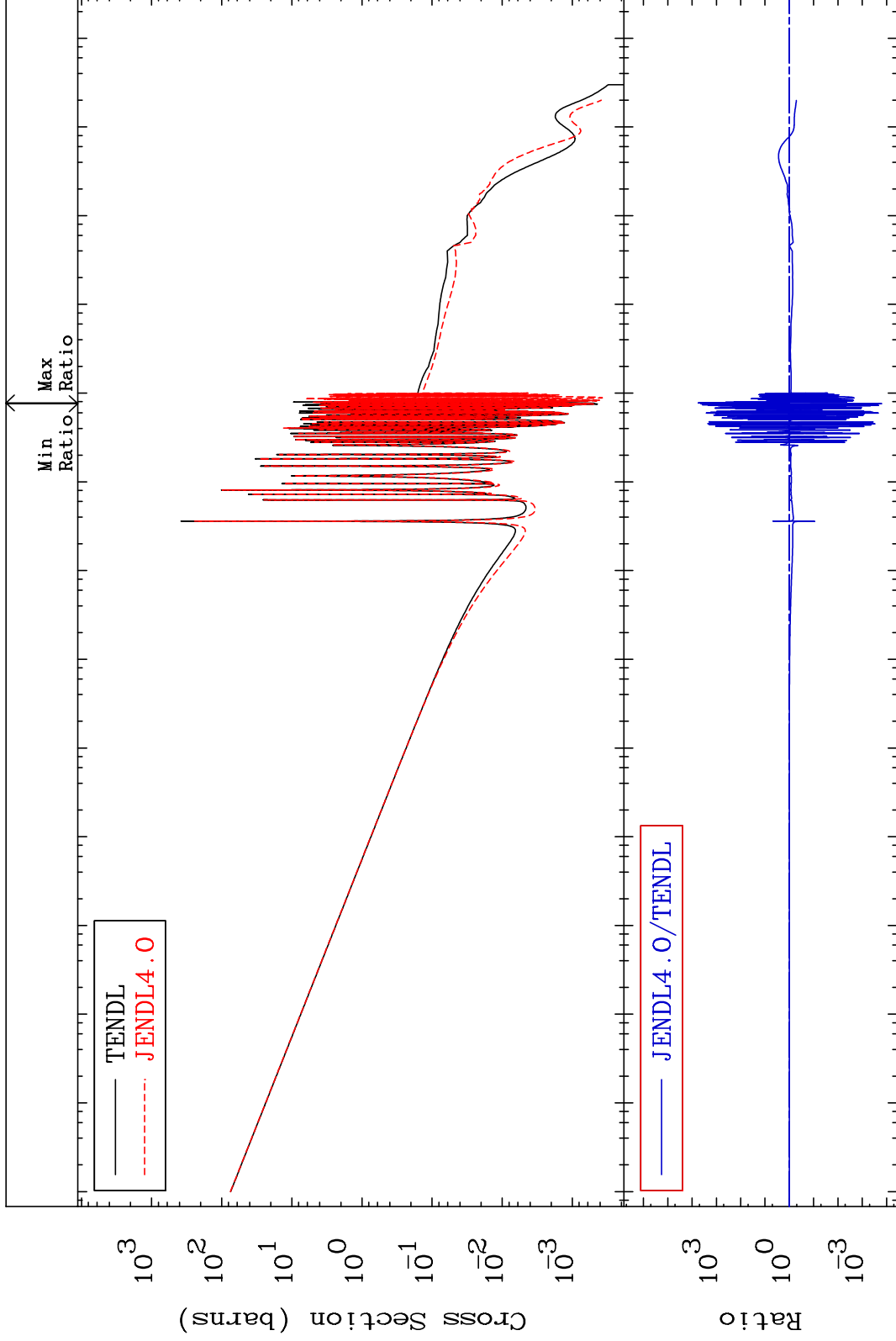
60-Nd-146

MAT 6037

(n, γ)

60-Nd-146
-99.98 To 9999. %

Cross Section



42

Incident Energy (eV)

60-Nd-146

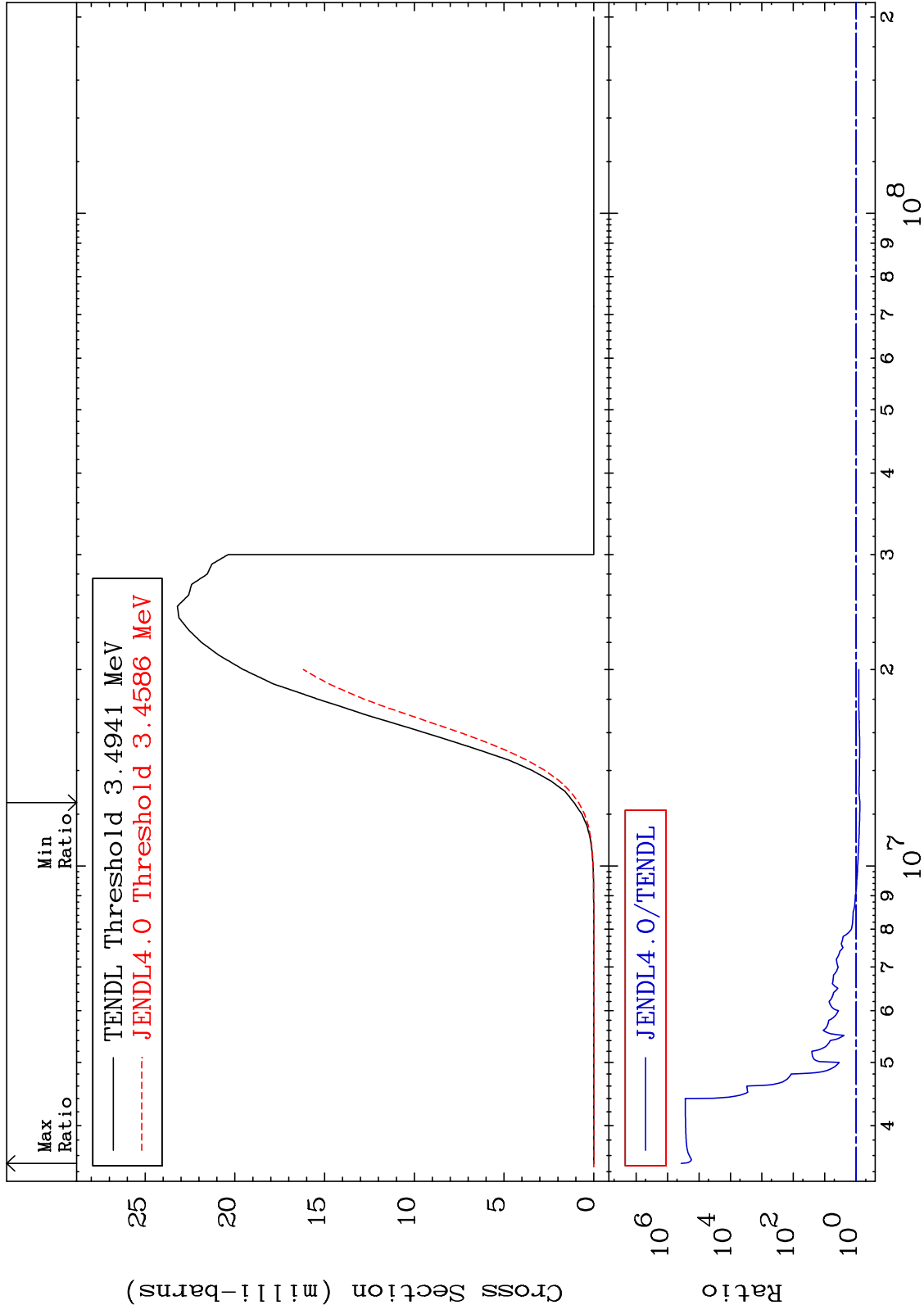
MAT 6037

(n,p)

60-Nd-146

Cross Section

-23.83 To 9999. %



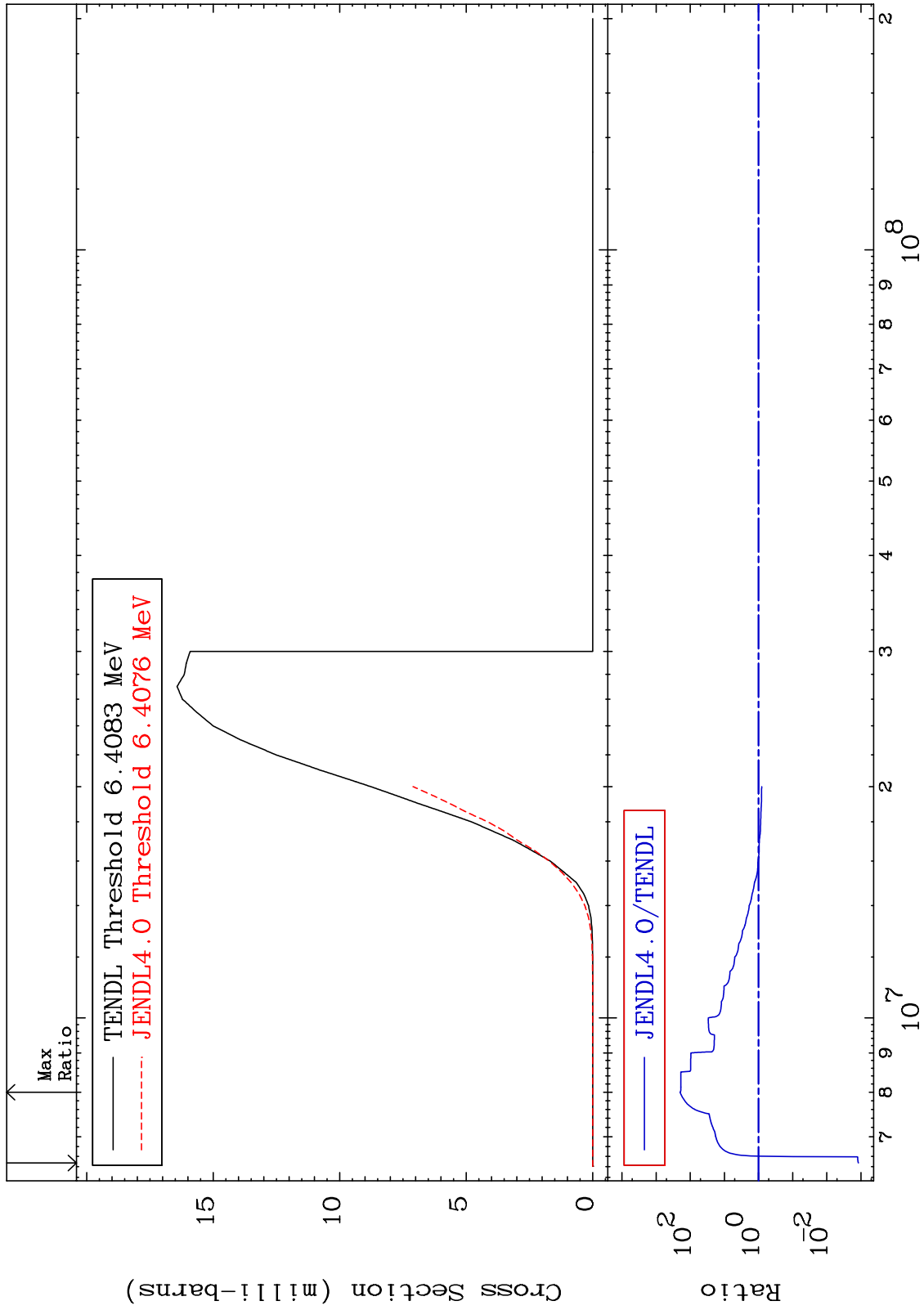
MAT 6037

(n, d)

60-Nd-146

Cross Section

-99.88 To 9999. %



44

Incident Energy (eV)

60-Nd-146

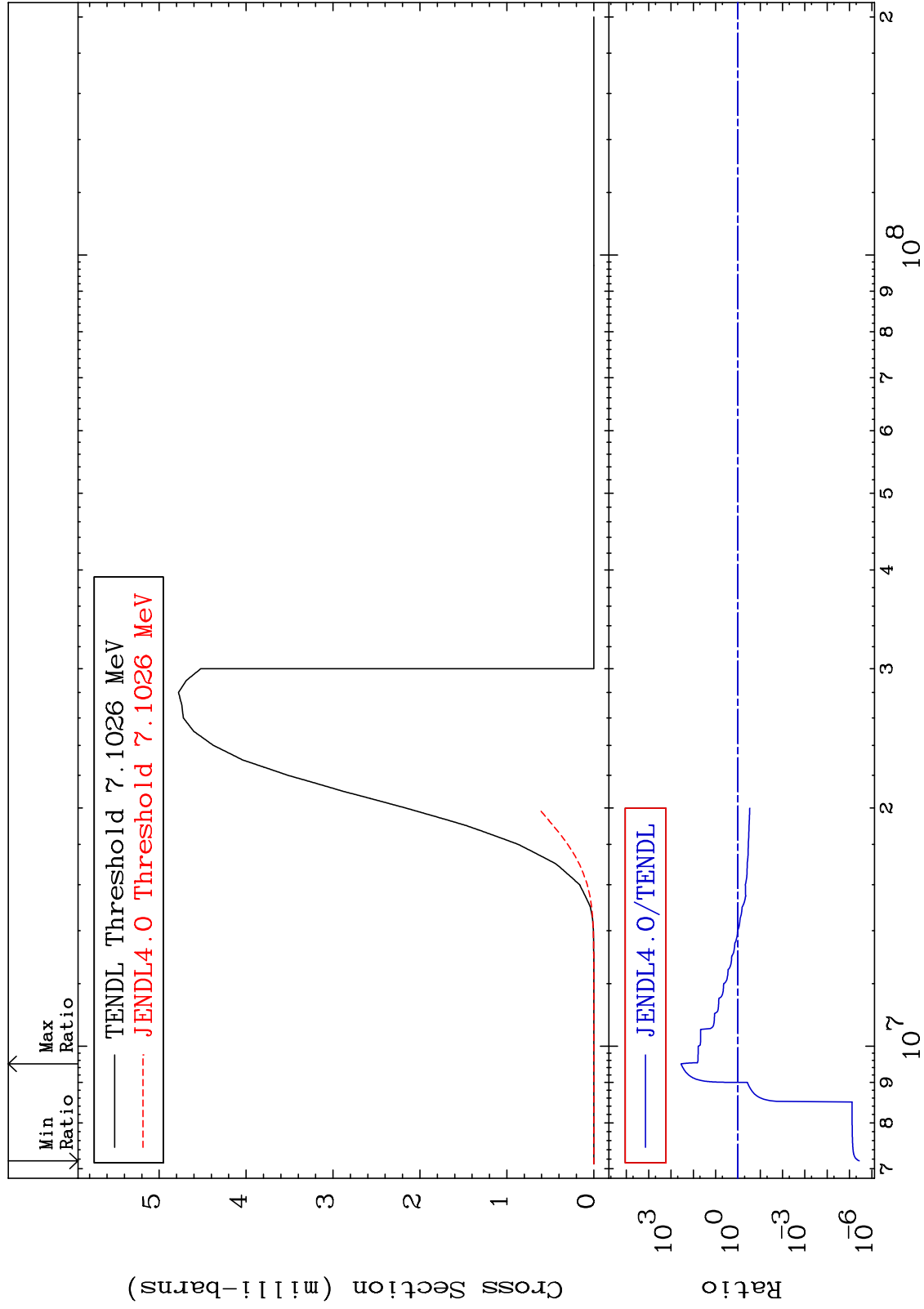
MAT 6037

(n, t)

60-Nd-146

Cross Section

-100.0 To 9999. %



45

Incident Energy (eV)

60-Nd-146

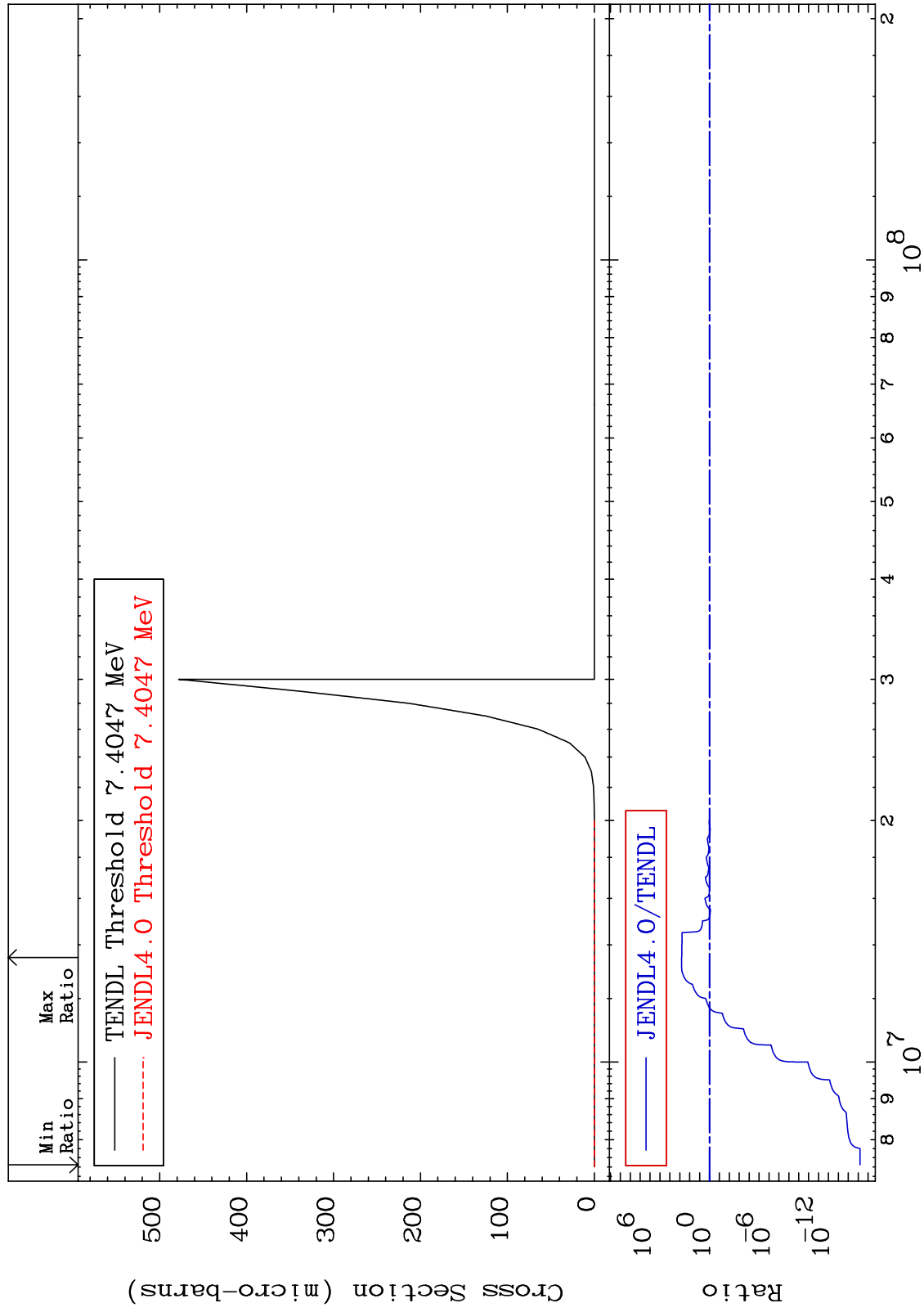
MAT 6037

(n, He-3)

60-Nd-146

Cross Section

-100.0 To 9999. %



46

Incident Energy (eV)

60-Nd-146

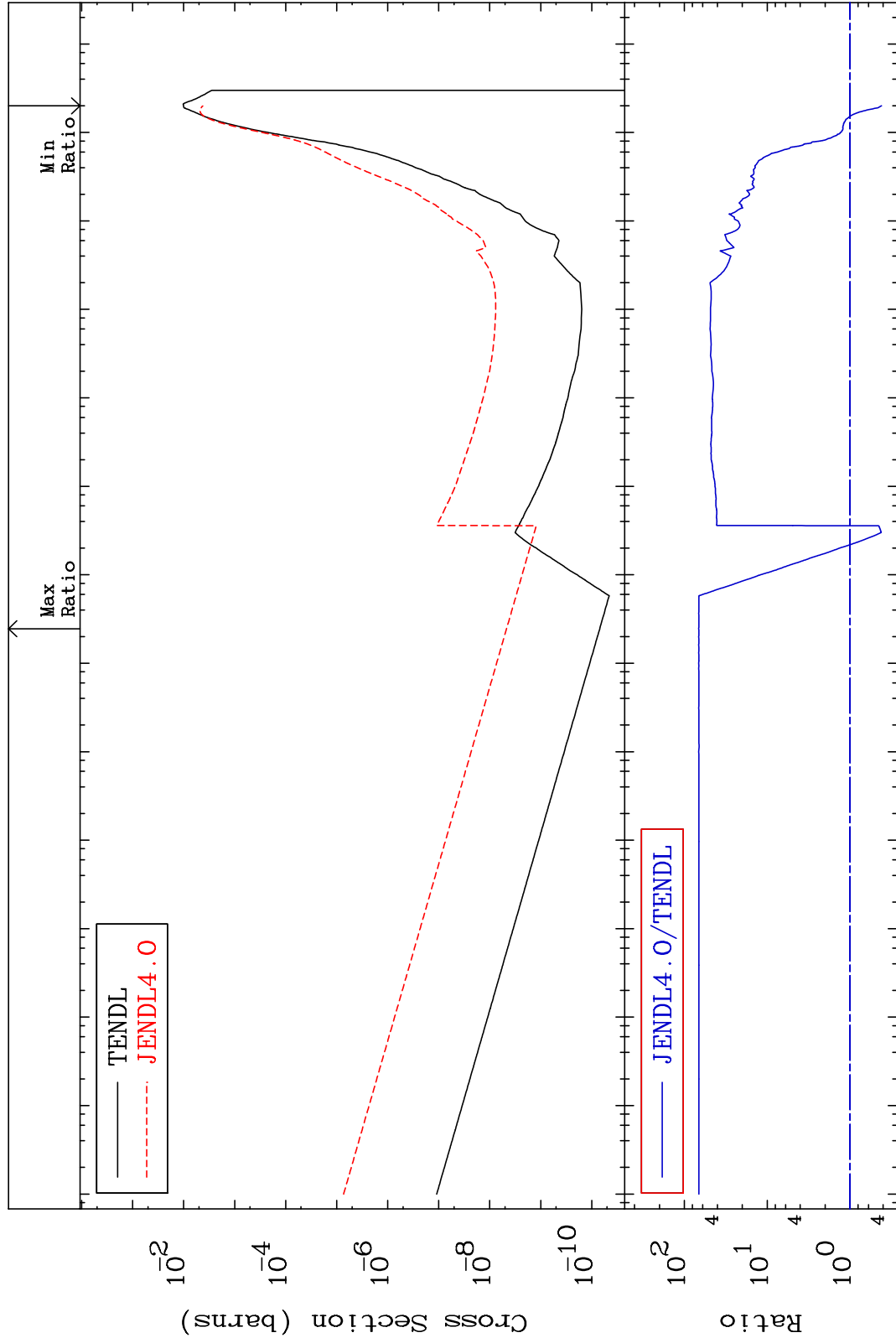
MAT 6037

(n, α)

60-Nd-146

Cross Section

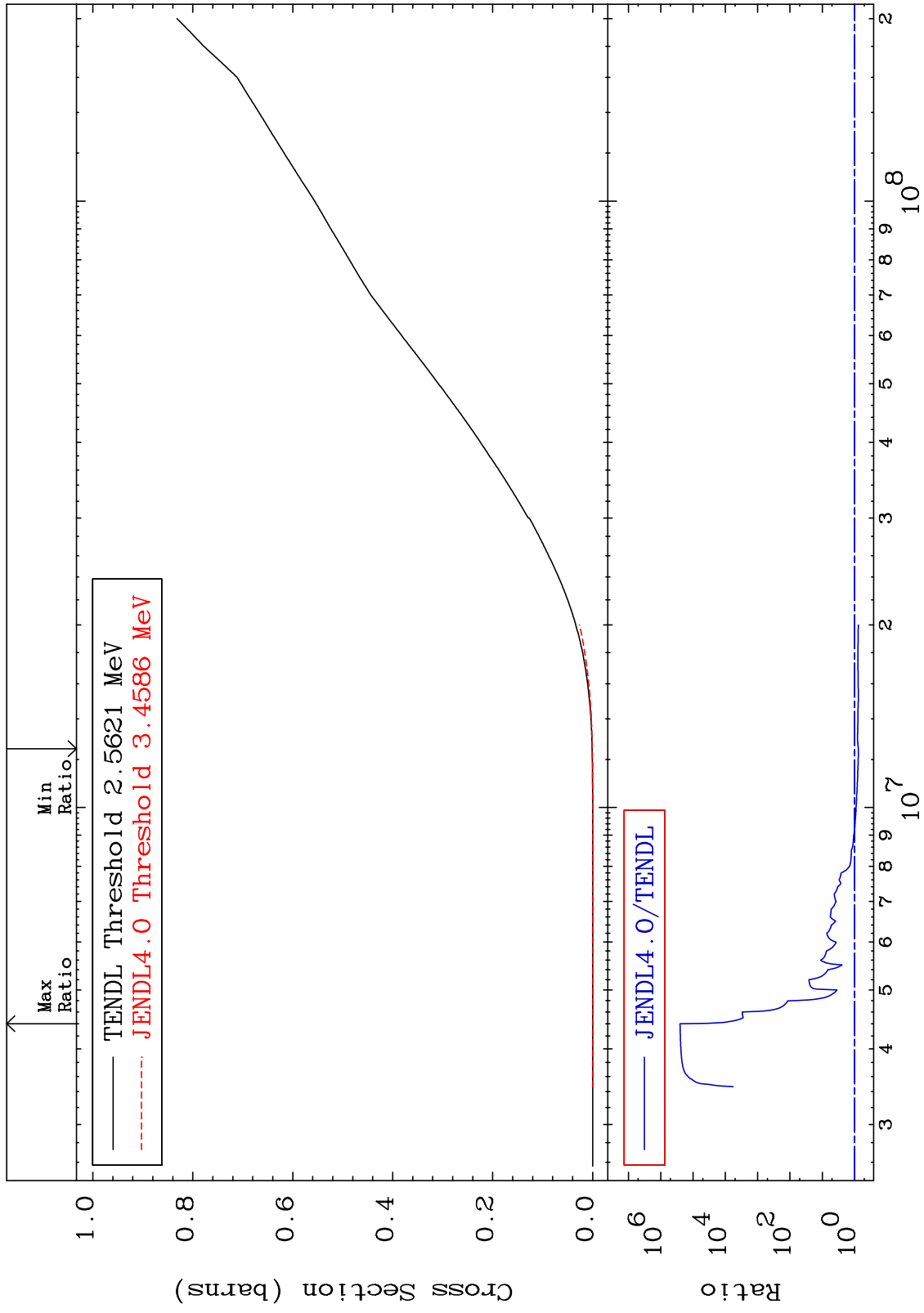
-58.31 To 6615. %



MAT 6037

Hydrogen Production
Cross Section

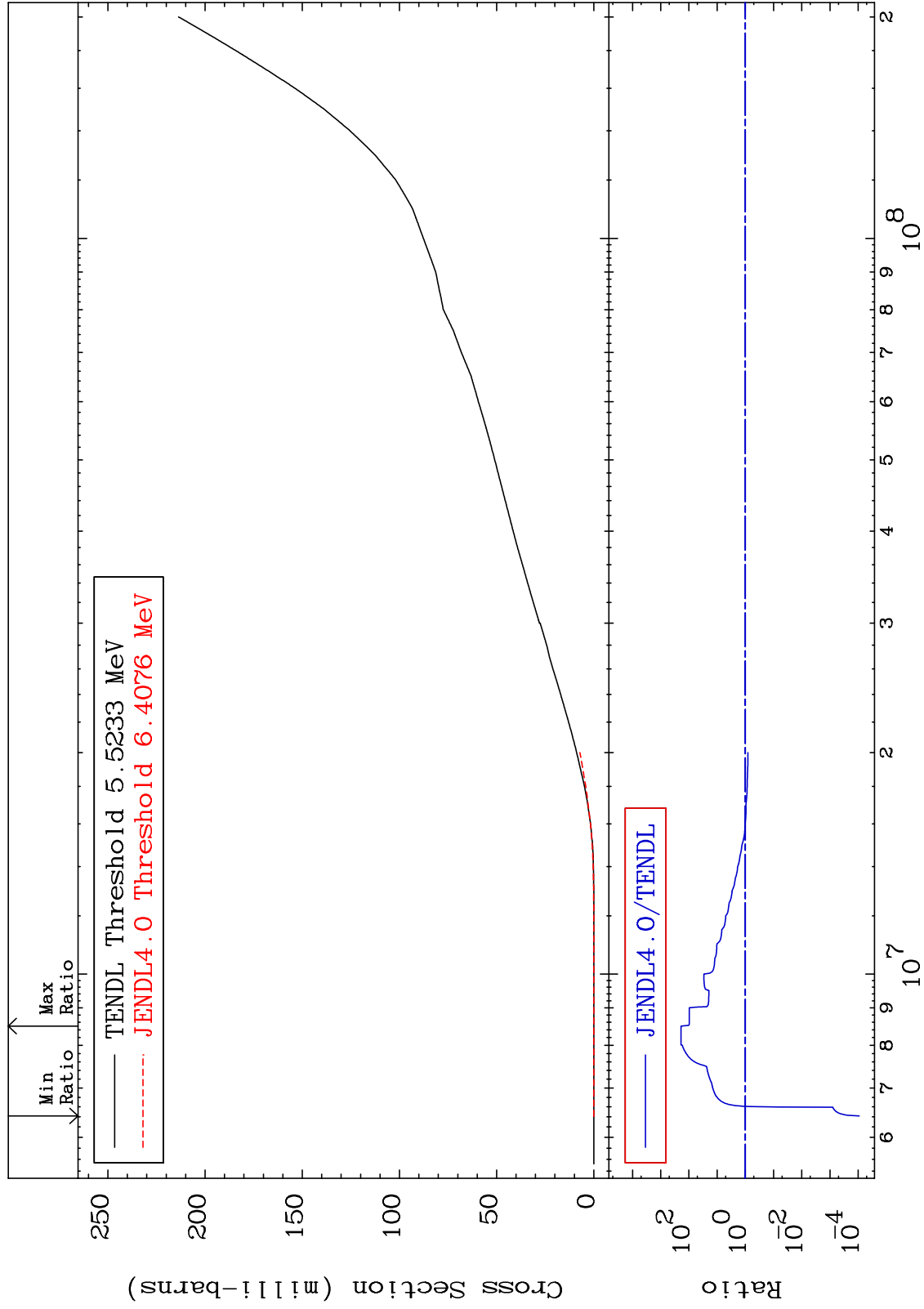
60-Nd-146
-23.83 To 9999. %



MAT 6037

Deuterium Production
Cross Section

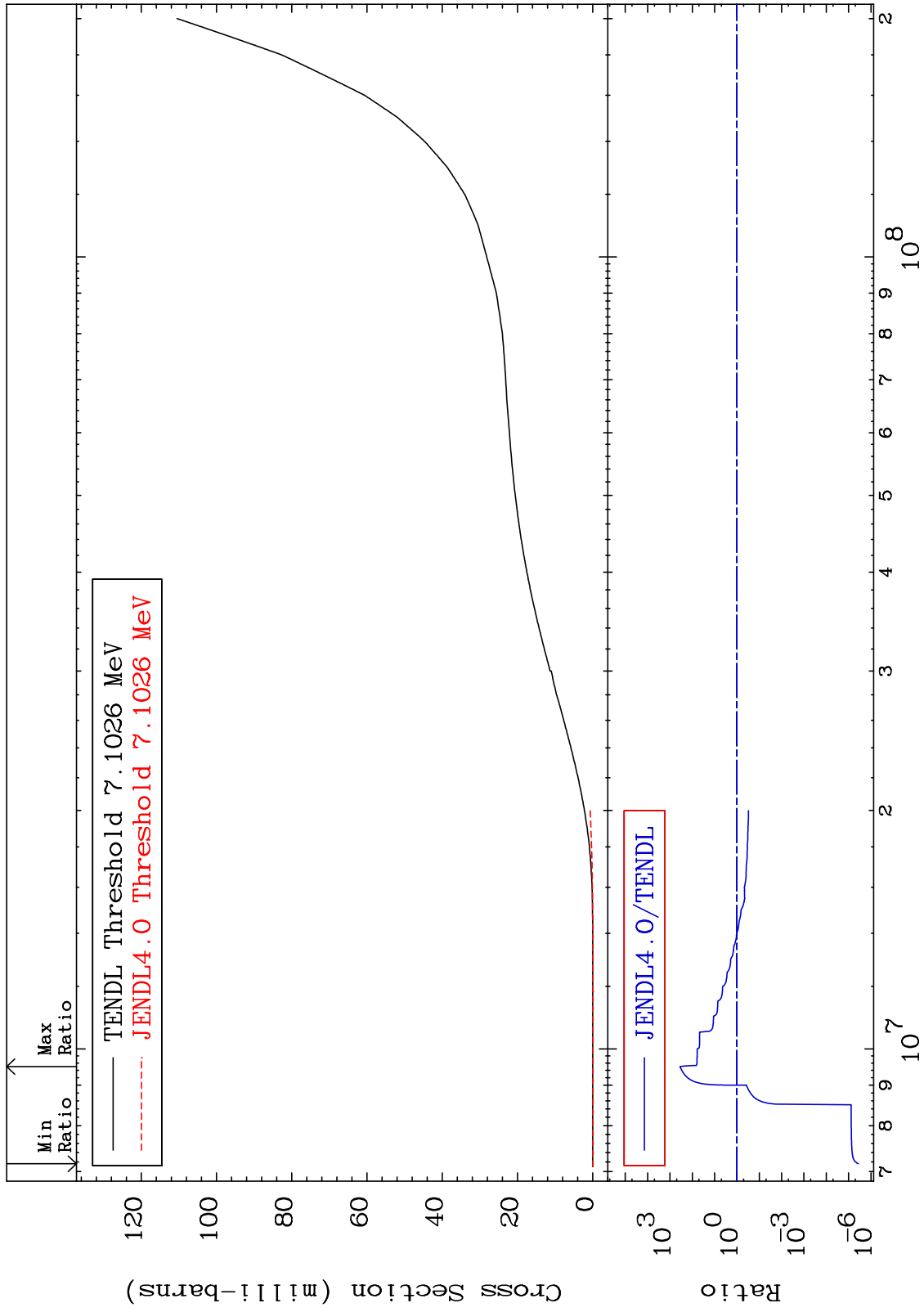
60-Nd-146
-99.99 To 9999. %



MAT 6037

Tritium Production
Cross Section

60-Nd-146
-100.0 To 9999. %



50

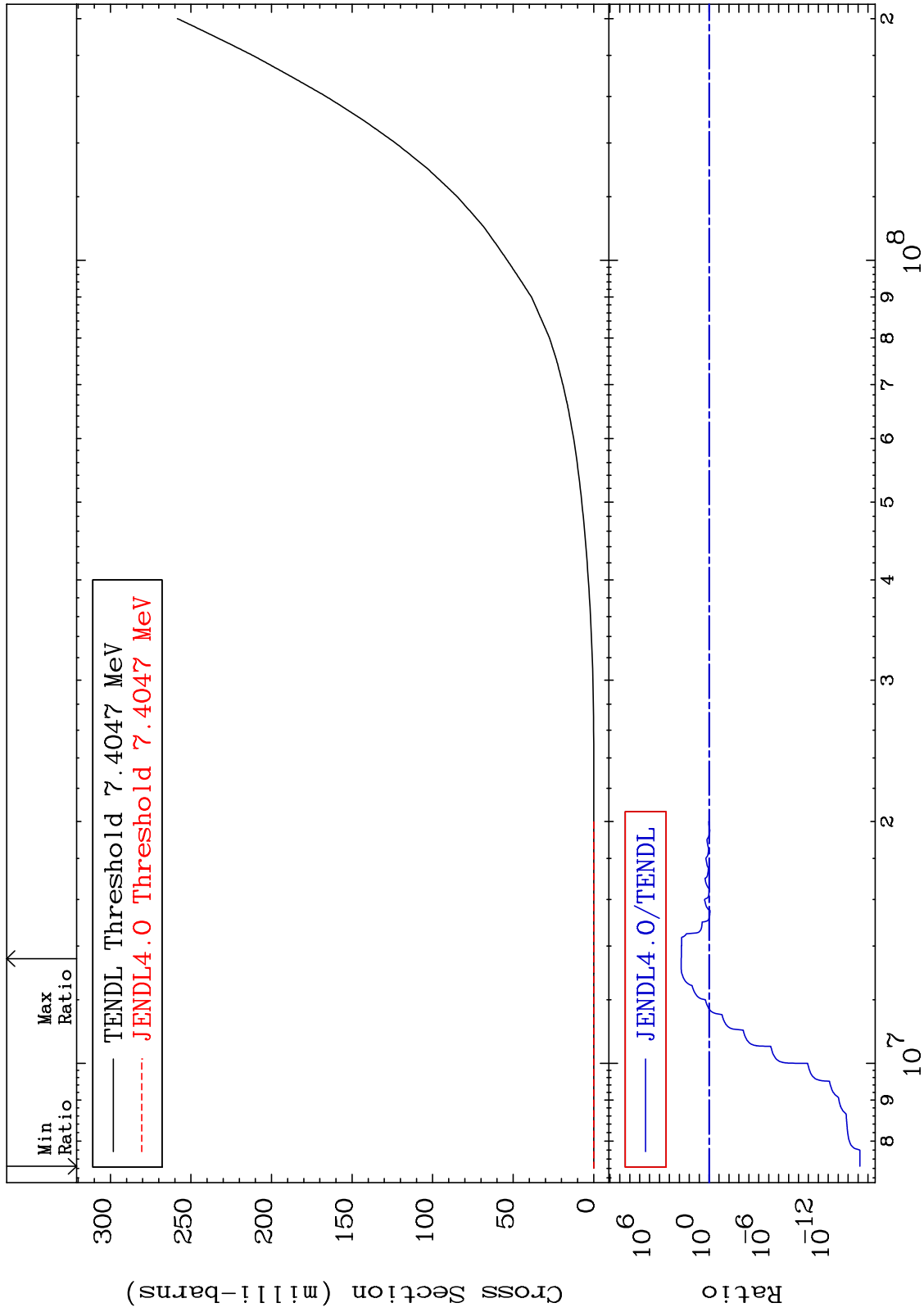
Incident Energy (eV)

60-Nd-146

MAT 6037

He-3 Production
Cross Section

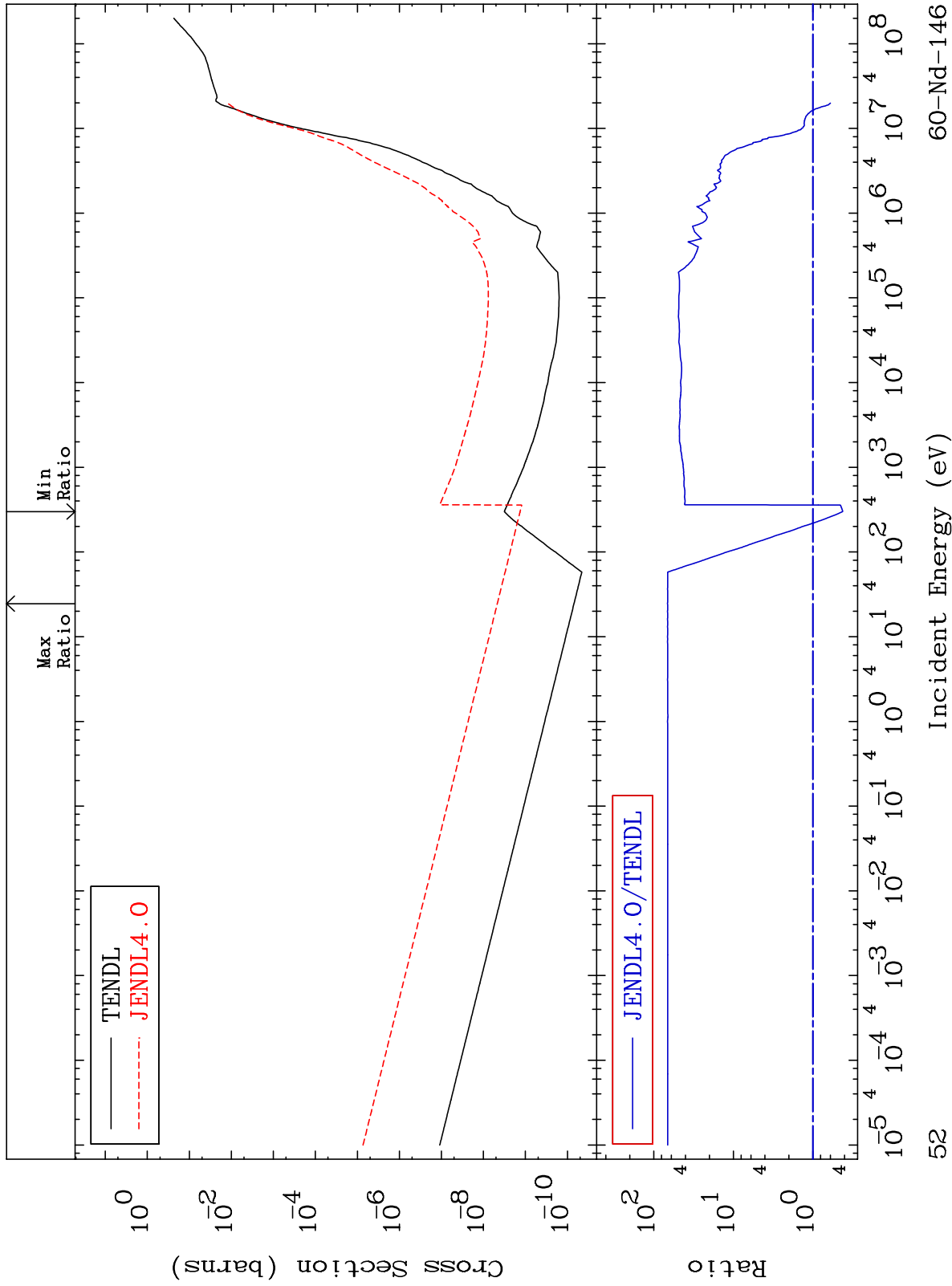
60-Nd-146
-100.0 To 9999. %



MAT 6037

He-4 Production
Cross Section

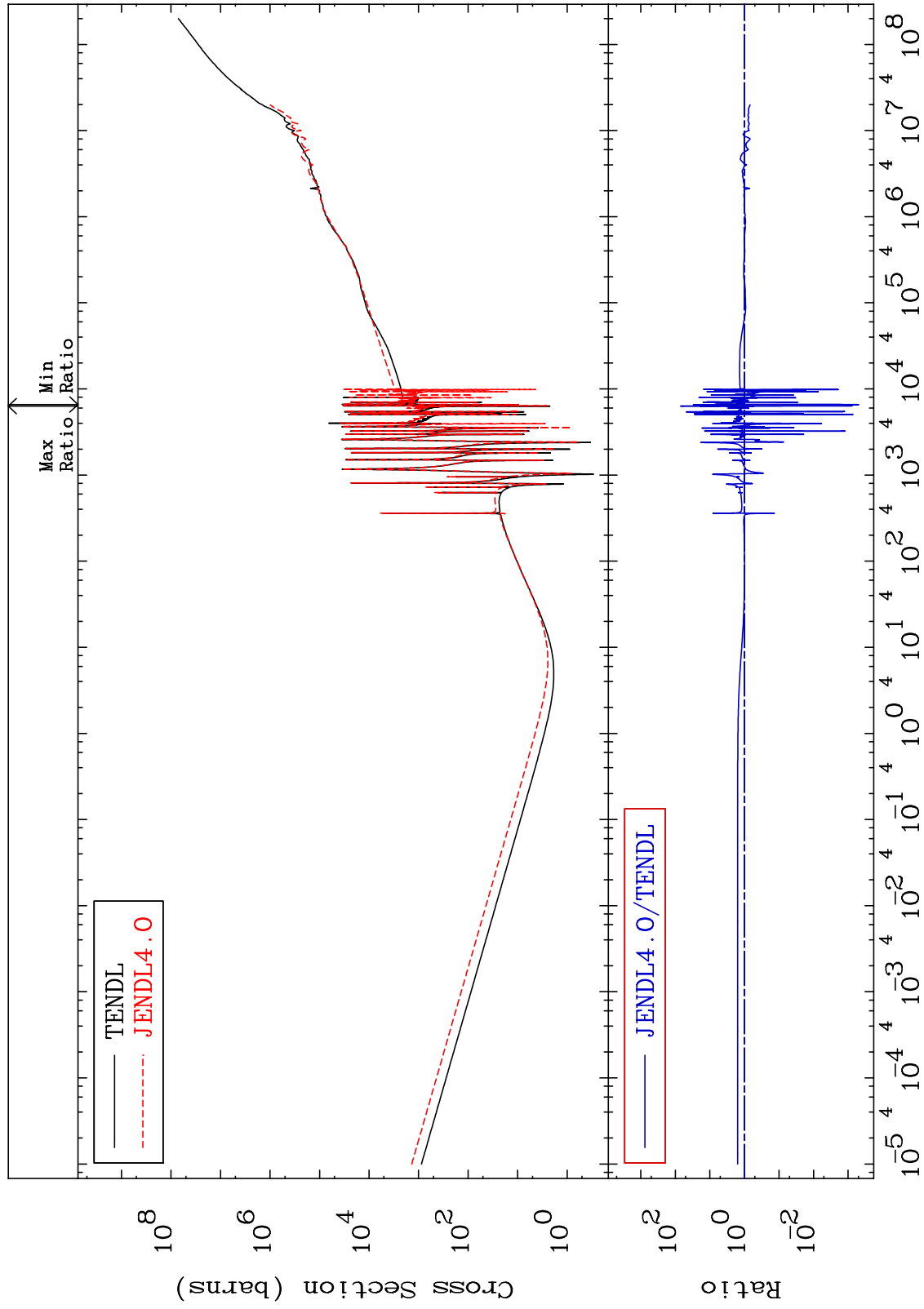
60-Nd-146
-57.79 To 6615. %



MAT 6037

Kerma total (eV-barns)
Cross Section

60-Nd-146
-99.95 To 6991. %



53

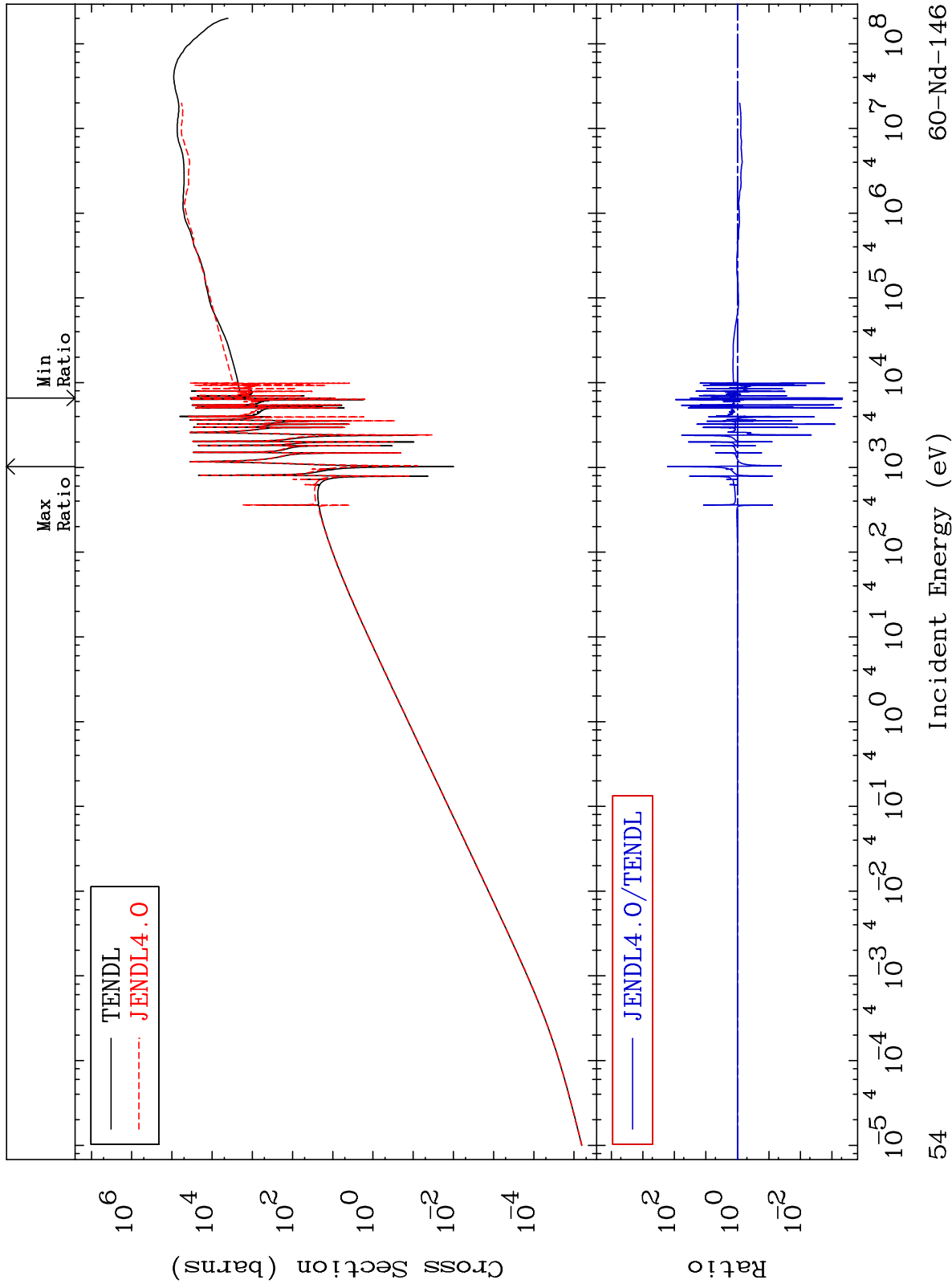
Incident Energy (eV)

60-Nd-146

MAT 6037

Kerma elastic
Cross Section

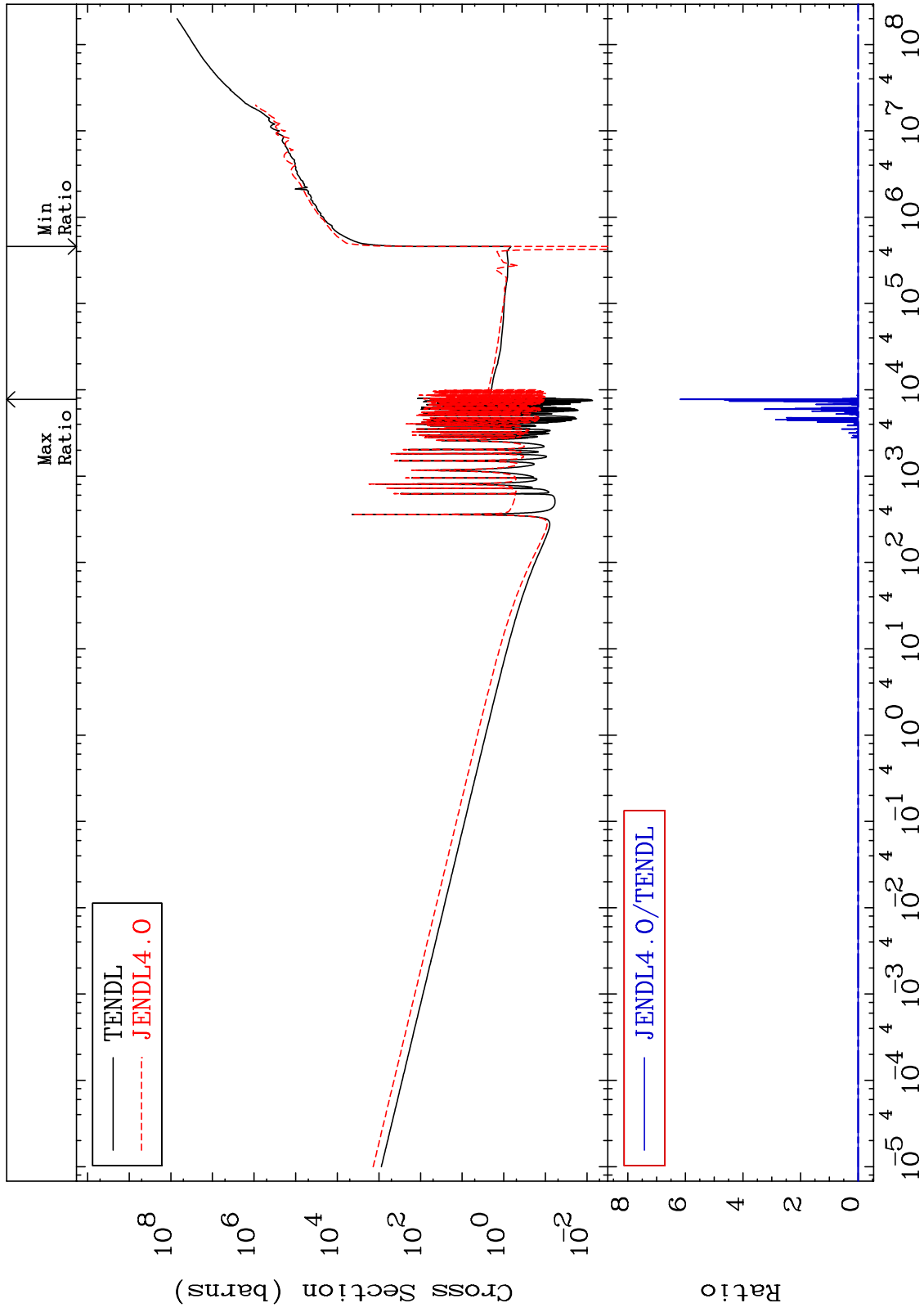
60-Nd-146
-99.95 To 9999. %



MAT 6037

Kerma non-elastic (all but mt2)
Cross Section

60-Nd-146
-703.9 To 9999. %



55

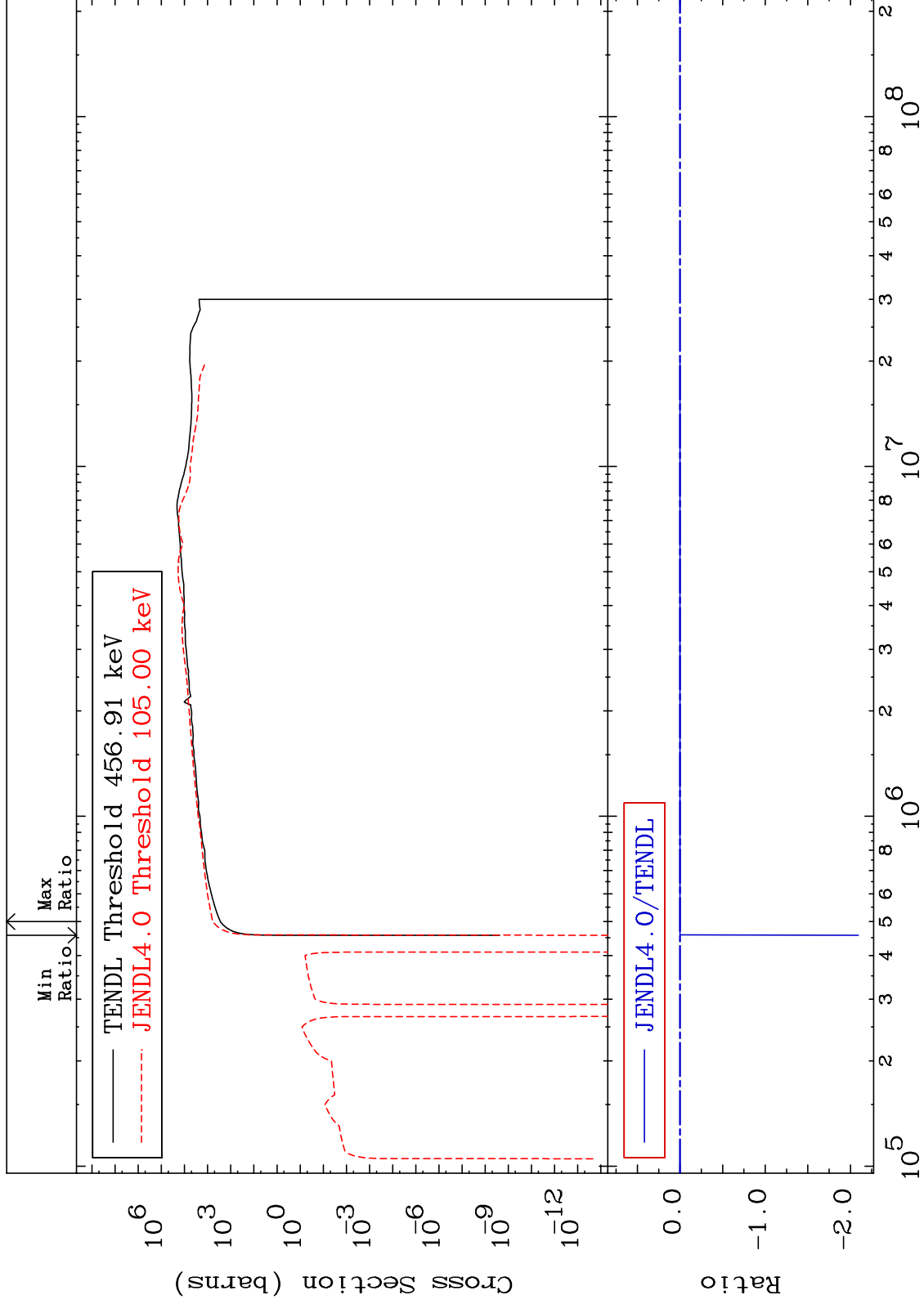
Incident Energy (eV)

60-Nd-146

MAT 6037

Kerma inelastic (mt51-91)
Cross Section

60-Nd-146
-9999. To 113.9 %



56

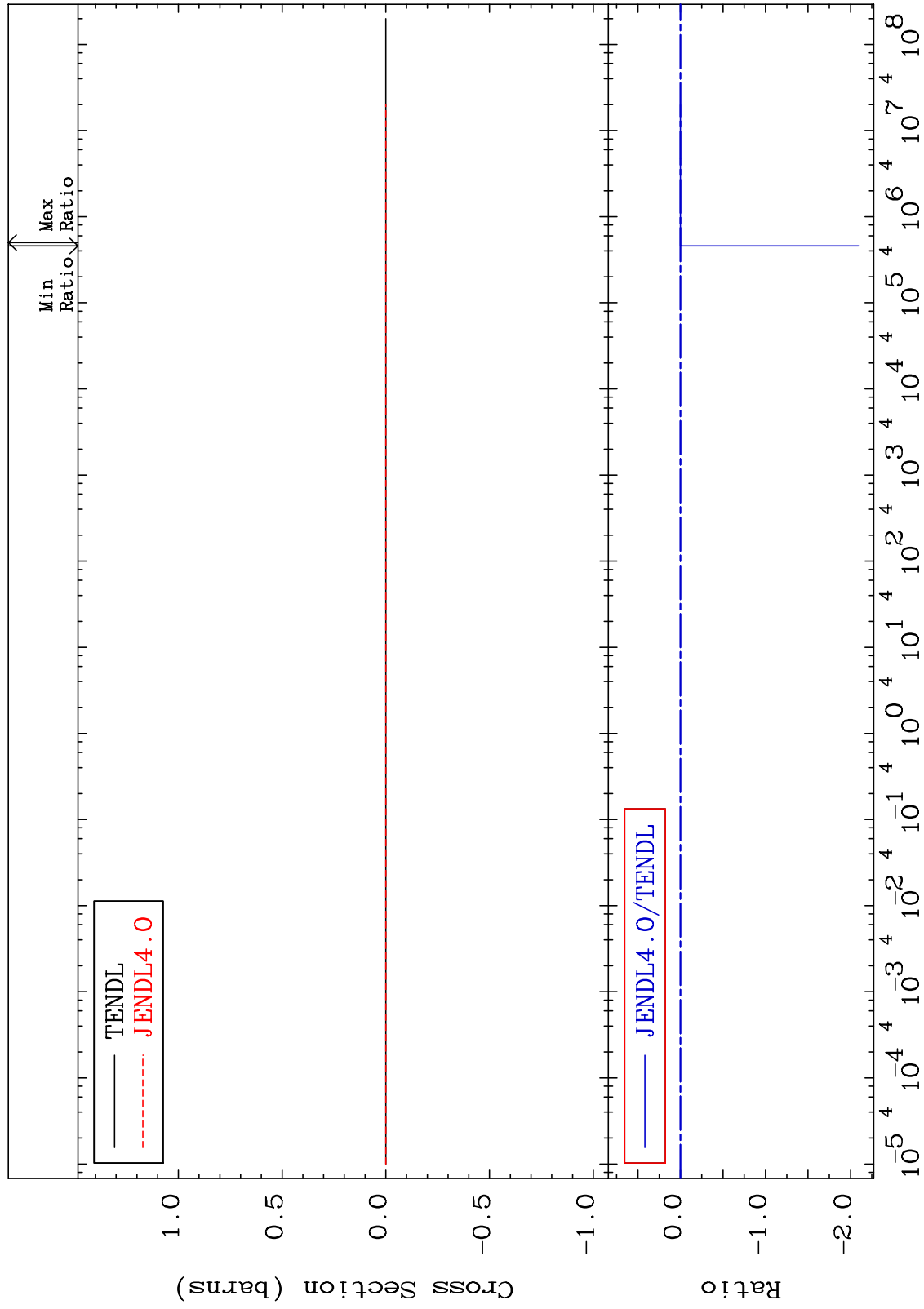
Incident Energy (eV)

60-Nd-146

MAT 6037

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

60-Nd-146
-9999. To 113.9 %



57

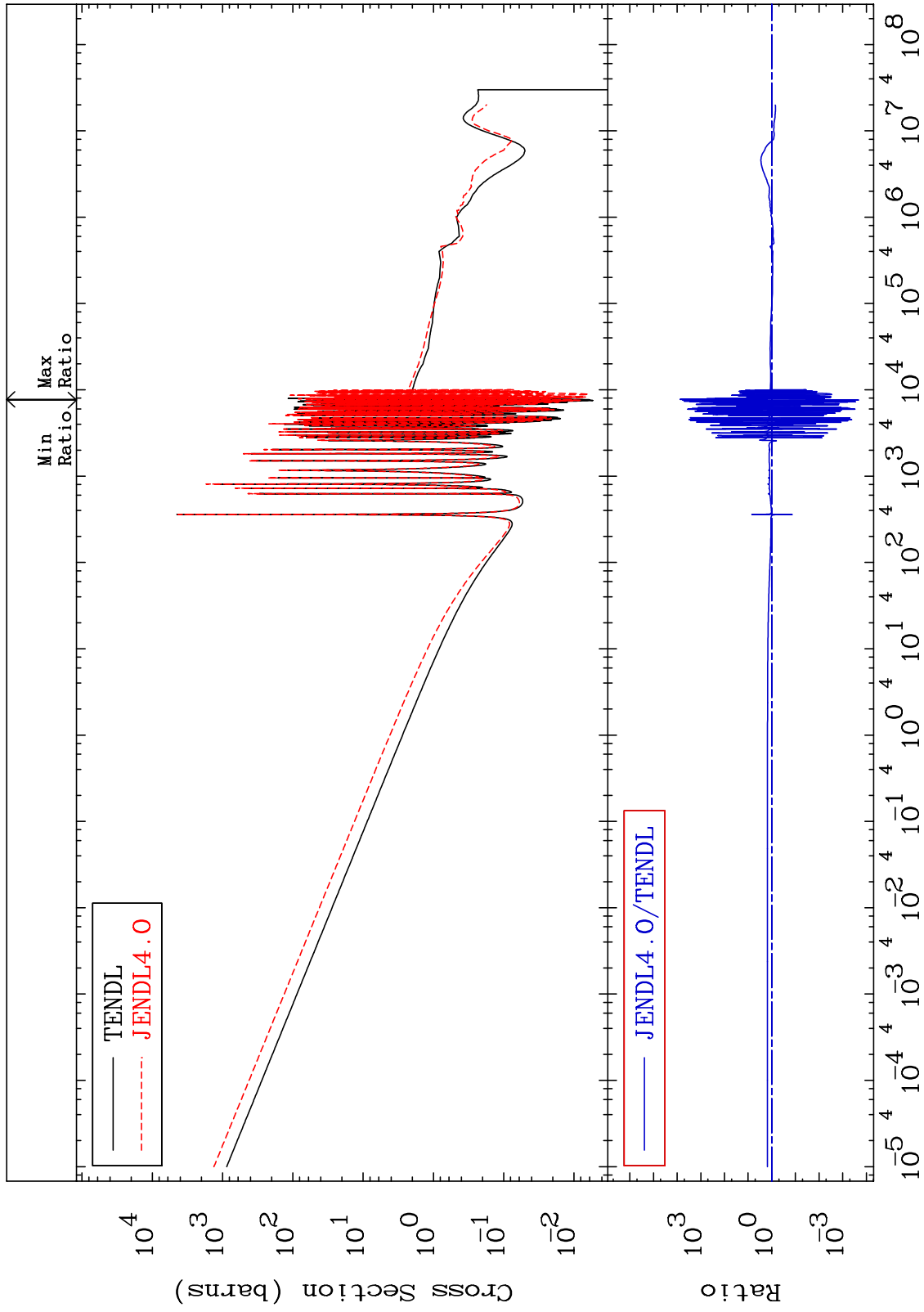
Incident Energy (eV)

60-Nd-146

MAT 6037

Kerma capture (mt102)
Cross Section

60-Nd-146
-99.98 To 9999. %



58

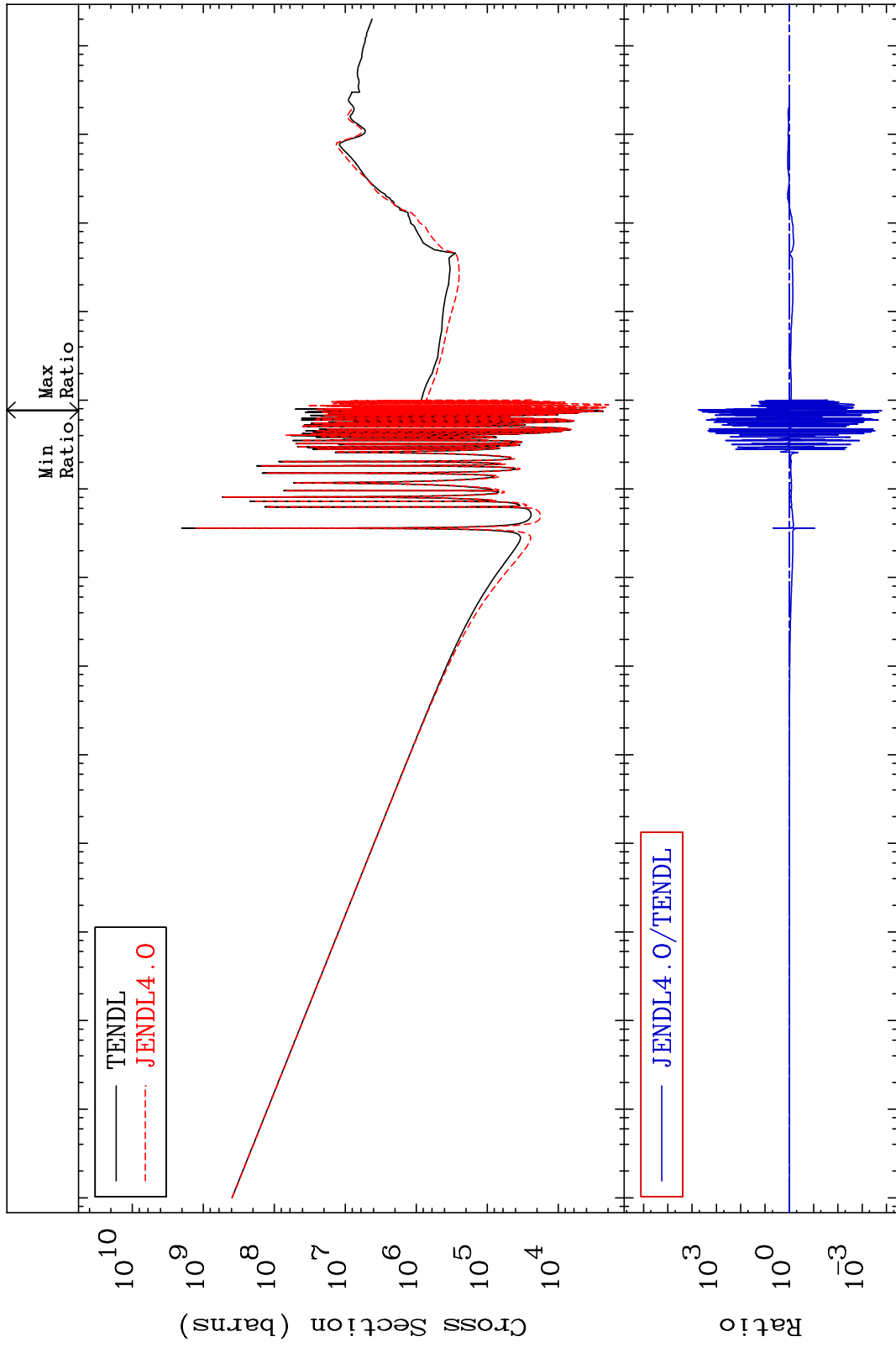
Incident Energy (eV)

60-Nd-146

MAT 6037

Total photon (eV-barns)
Cross Section

60-Nd-146
-99.98 To 9999. %



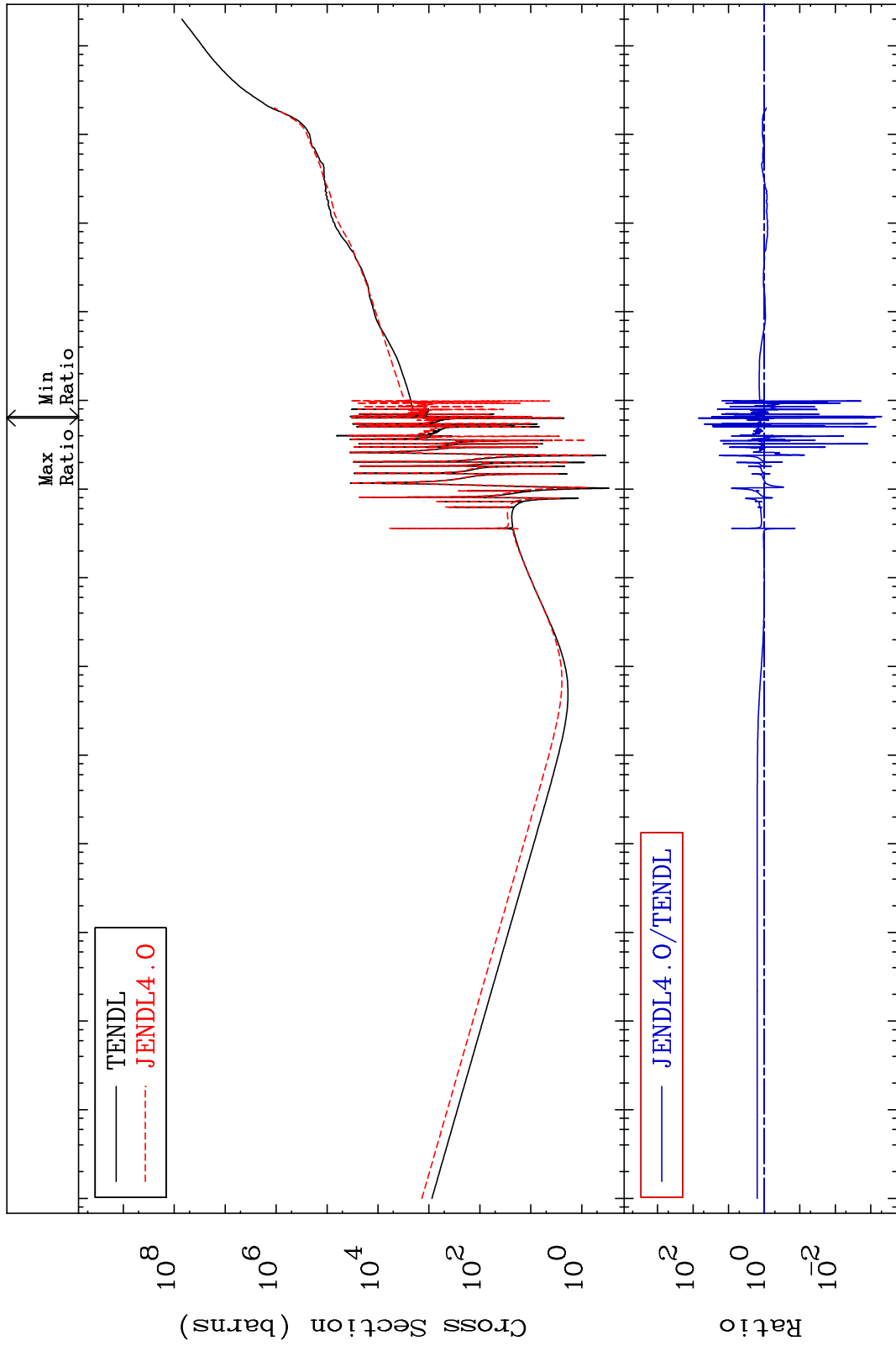
— TENDL
- - - JENDL4.0

— JENDL4.0/TENDL

MAT 6037

Total kinematic kerma (high limit)
Cross Section

60-Nd-146
-99.95 To 6991. %



60

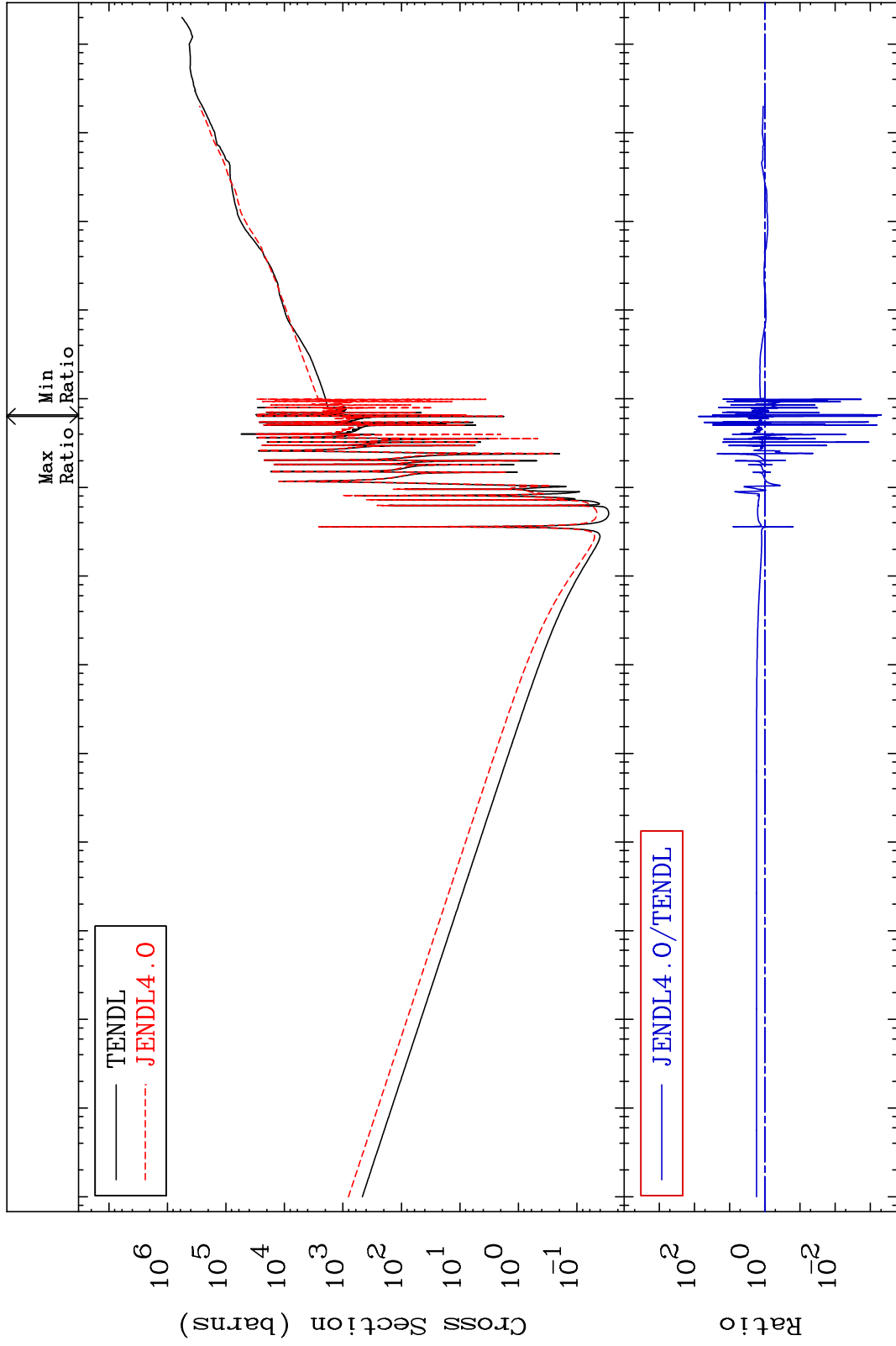
Incident Energy (eV)

60-Nd-146

MAT 6037

Dpa total (eV-barns)
Cross Section

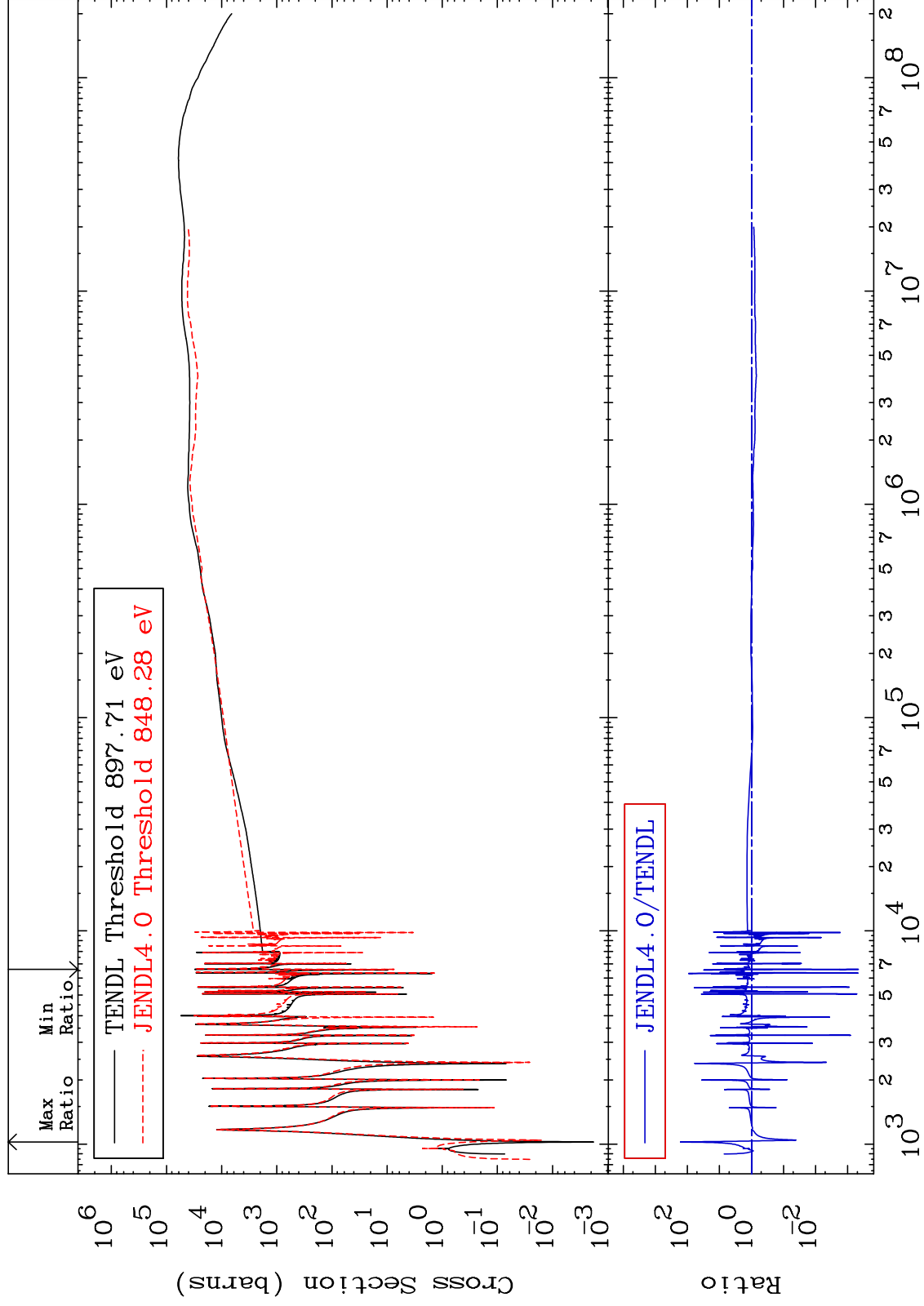
60-Nd-146
-99.95 To 7621. %



MAT 6037

Dpa elastic (mt2)
Cross Section

60-Nd-146
-99.95 To 9999. %



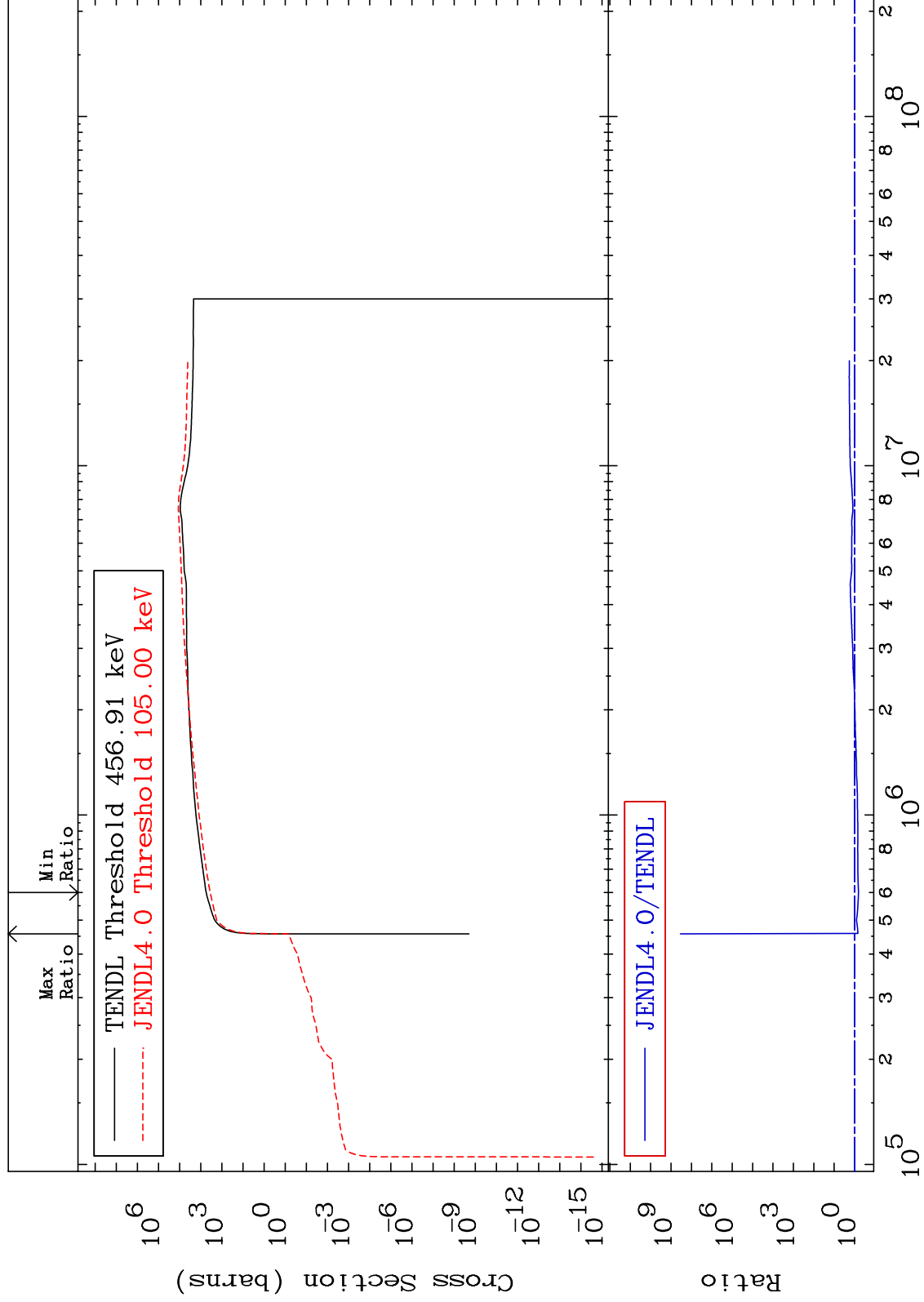
62

60-Nd-146

MAT 6037

Dpa inelastic (mt51-91)
Cross Section

60-Nd-146
-35.81 To 9999. %



63

Incident Energy (eV)

60-Nd-146

MAT 6037

Dpa disappearance (mt102 -120)
Cross Section

60-Nd-146
-99.97 To 9999. %

