

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

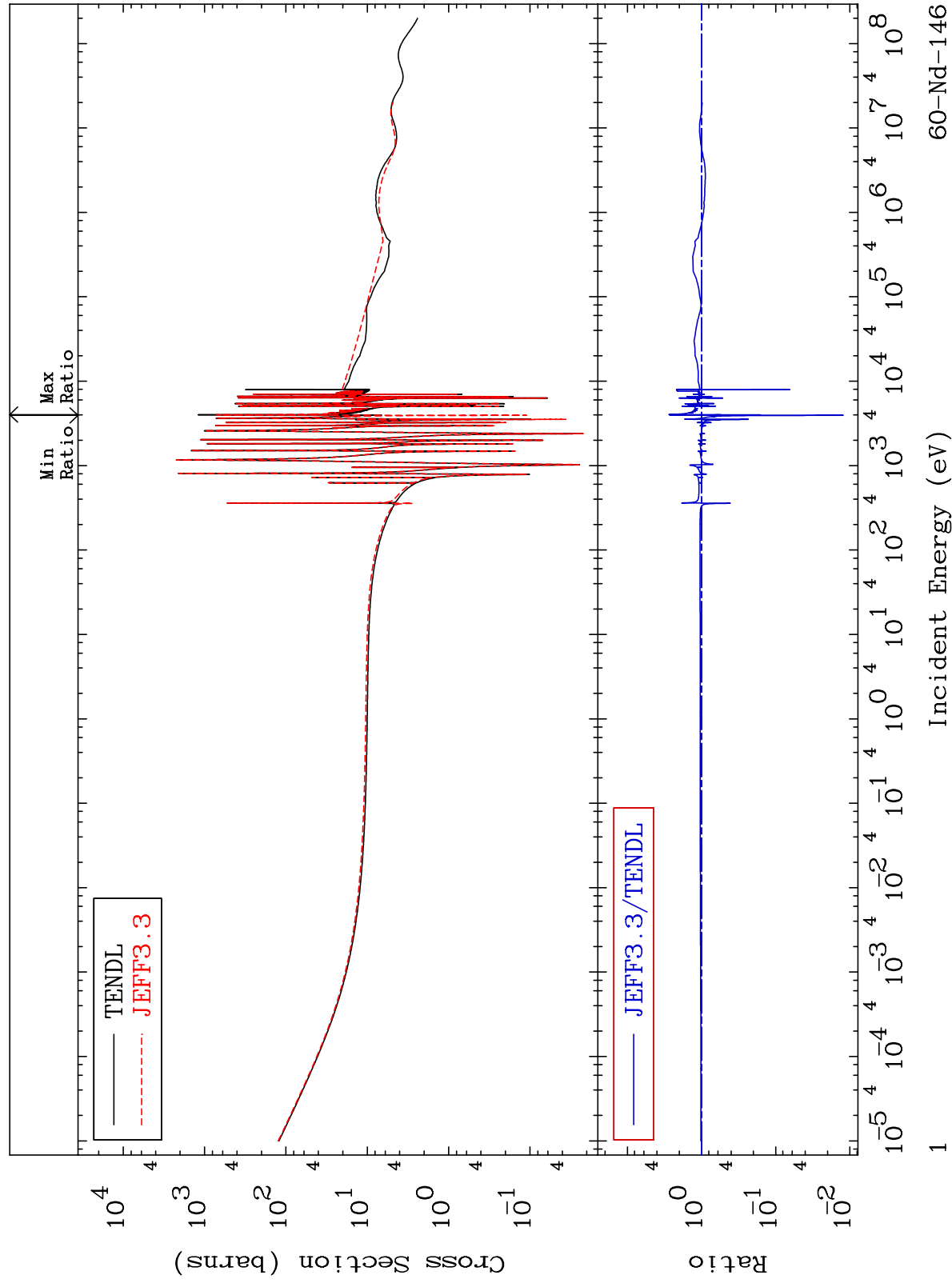
MAT 6037

Total

60-Nd-146

Cross Section

-98.76 To 178.9 %



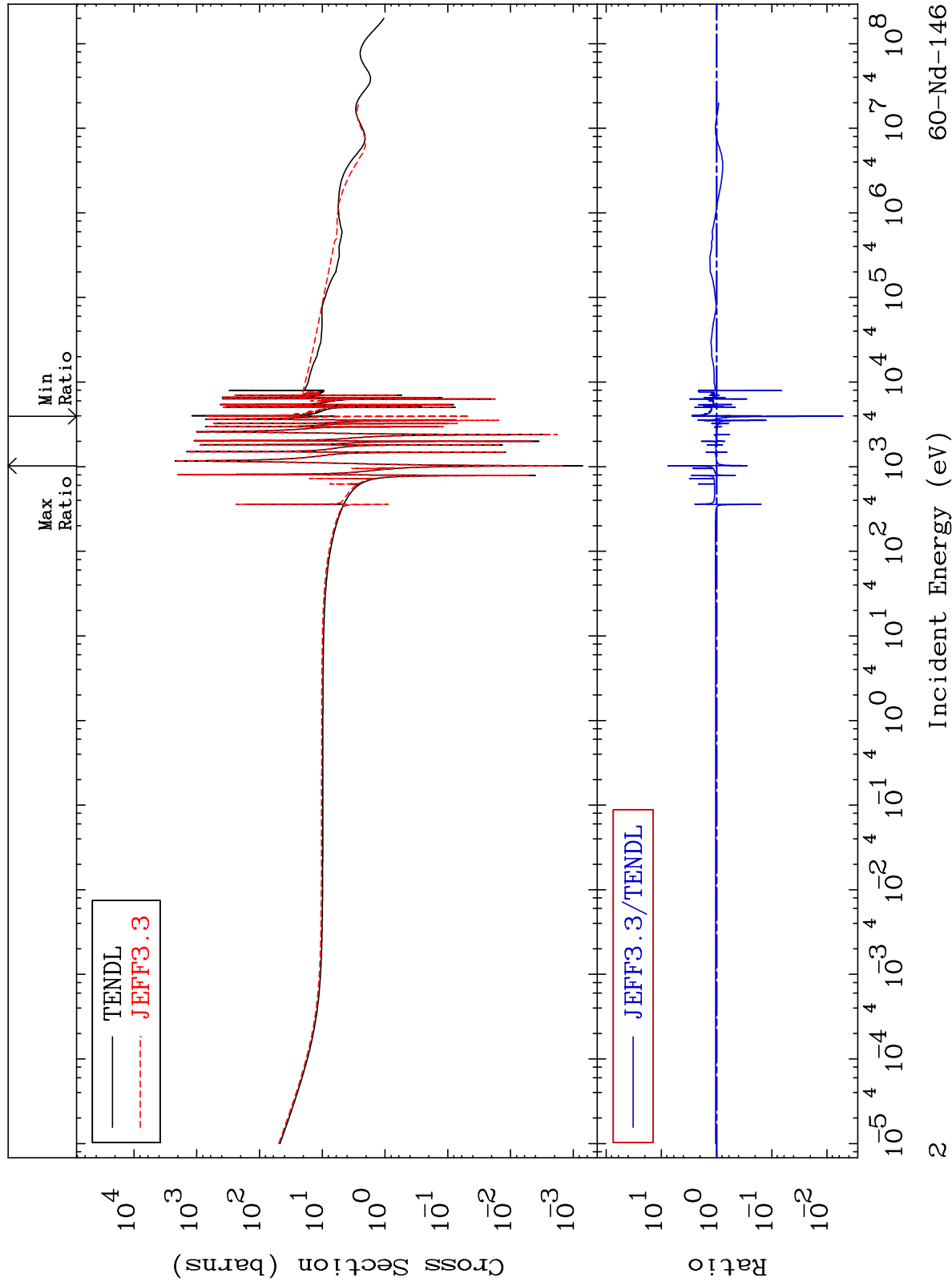
Incident Energy (eV)

60-Nd-146

MAT 6037

Elastic
Cross Section

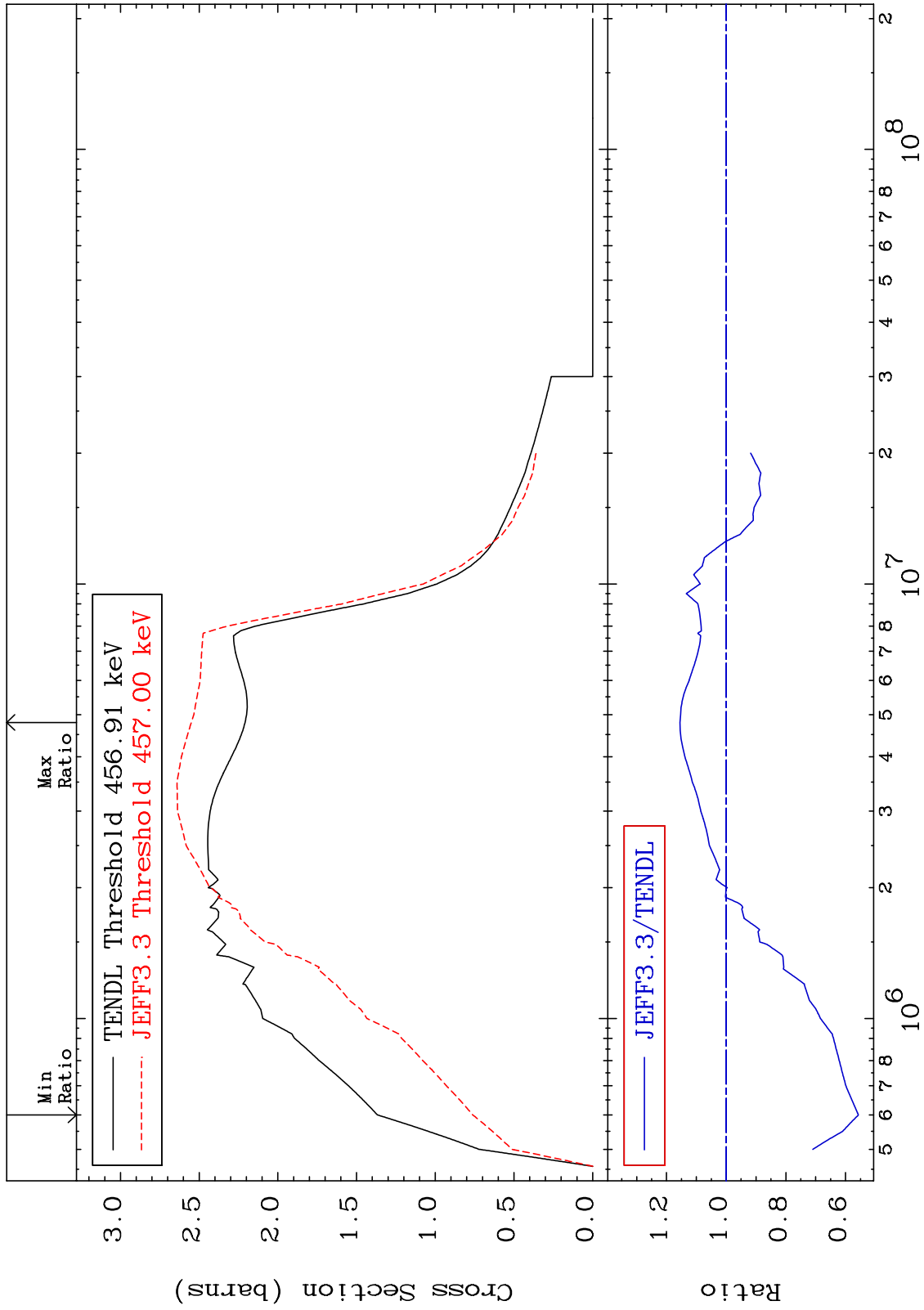
60-Nd-146
-99.48 To 658.7 %



60-Nd-146

Incident Energy (eV)

MAT 6037 60-Nd-146 -44.31 To 15.47 % Inelastic Cross Section



3 Incident Energy (eV) 60-Nd-146

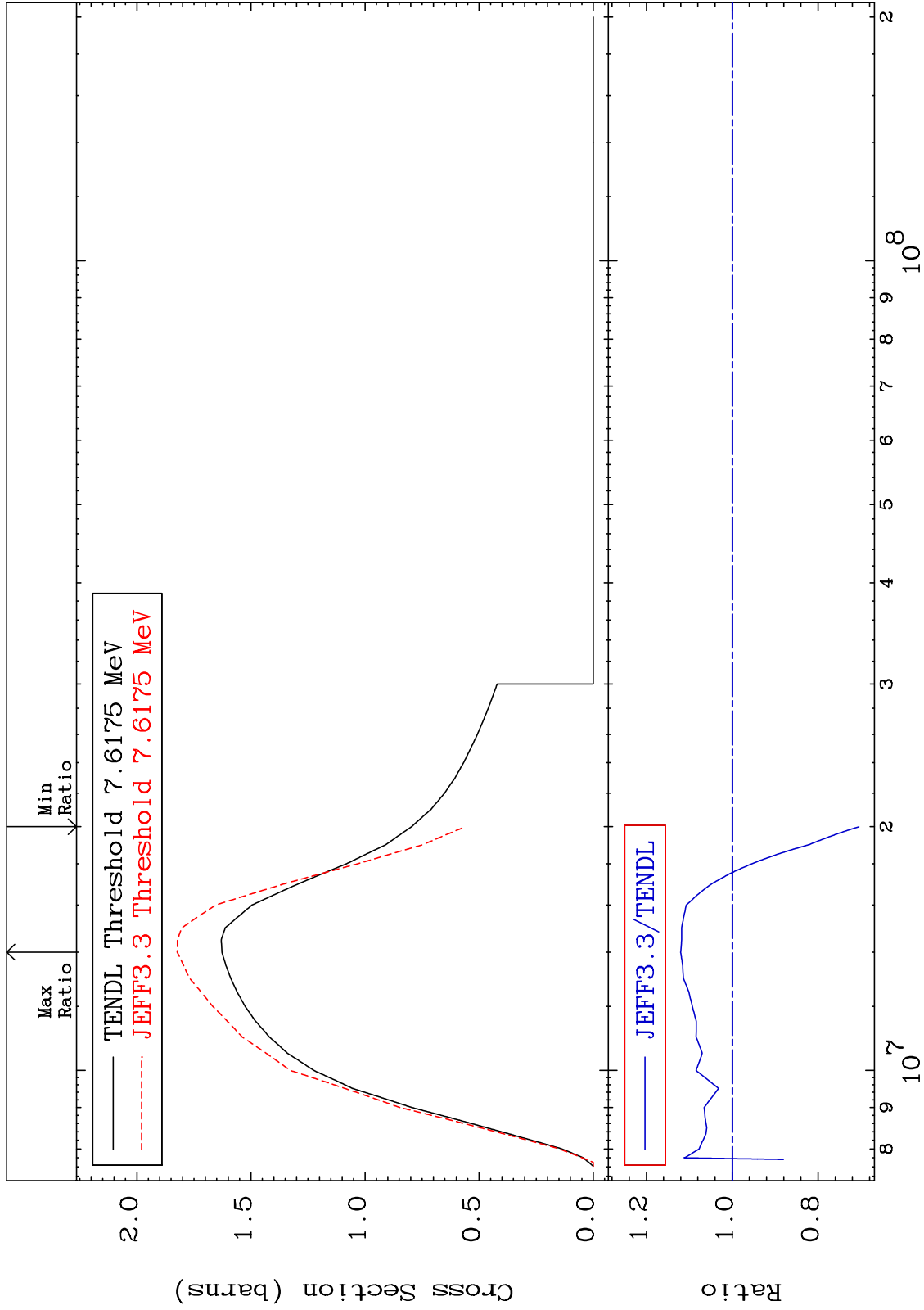
MAT 6037

(n,2n)

60-Nd-146

Cross Section

-29.58 To 12.02 %



4

Incident Energy (eV)

60-Nd-146

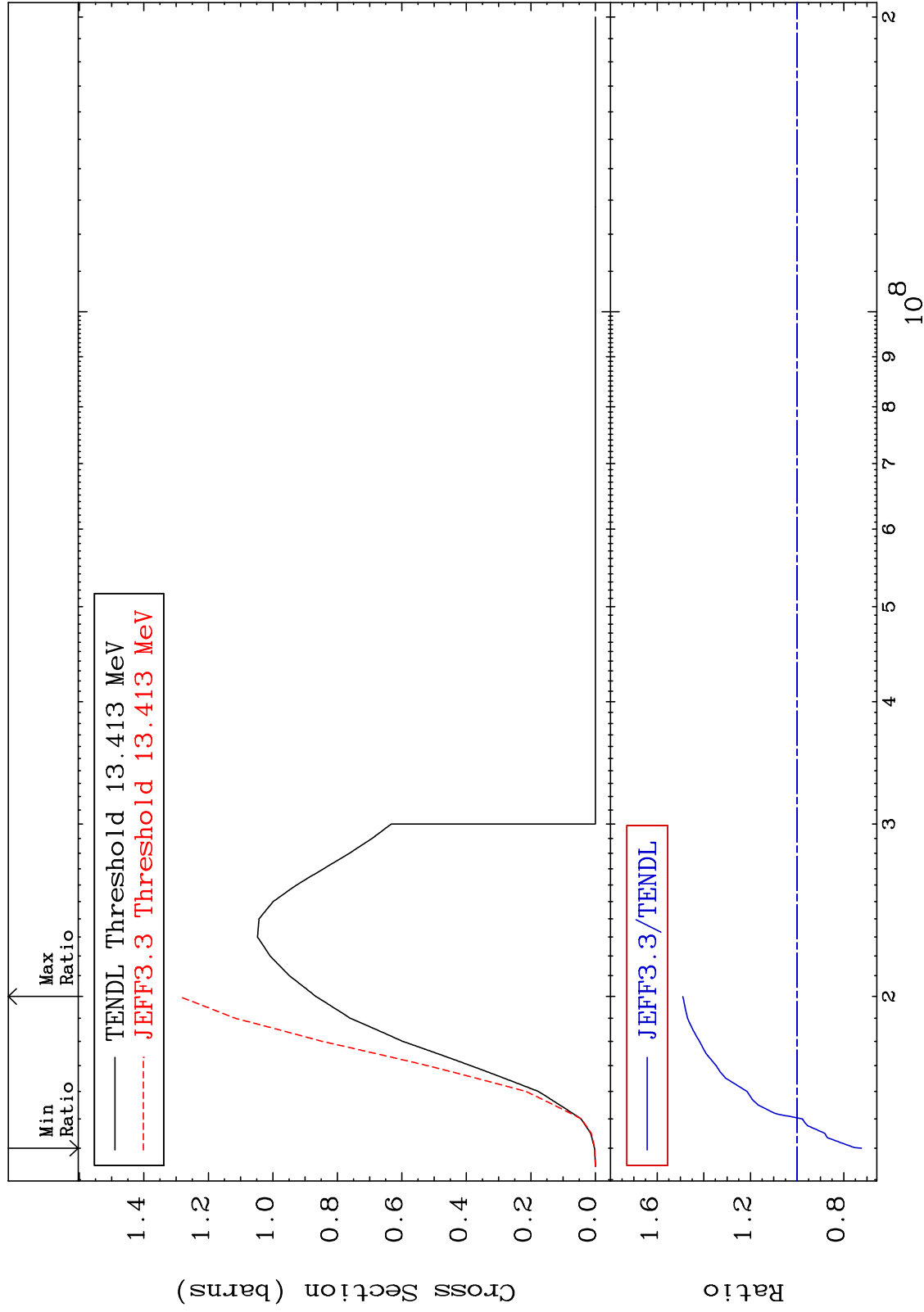
MAT 6037

(n, 3n)

60-Nd-146

Cross Section

-27.65 To 48.97 %



5

Incident Energy (eV)

60-Nd-146

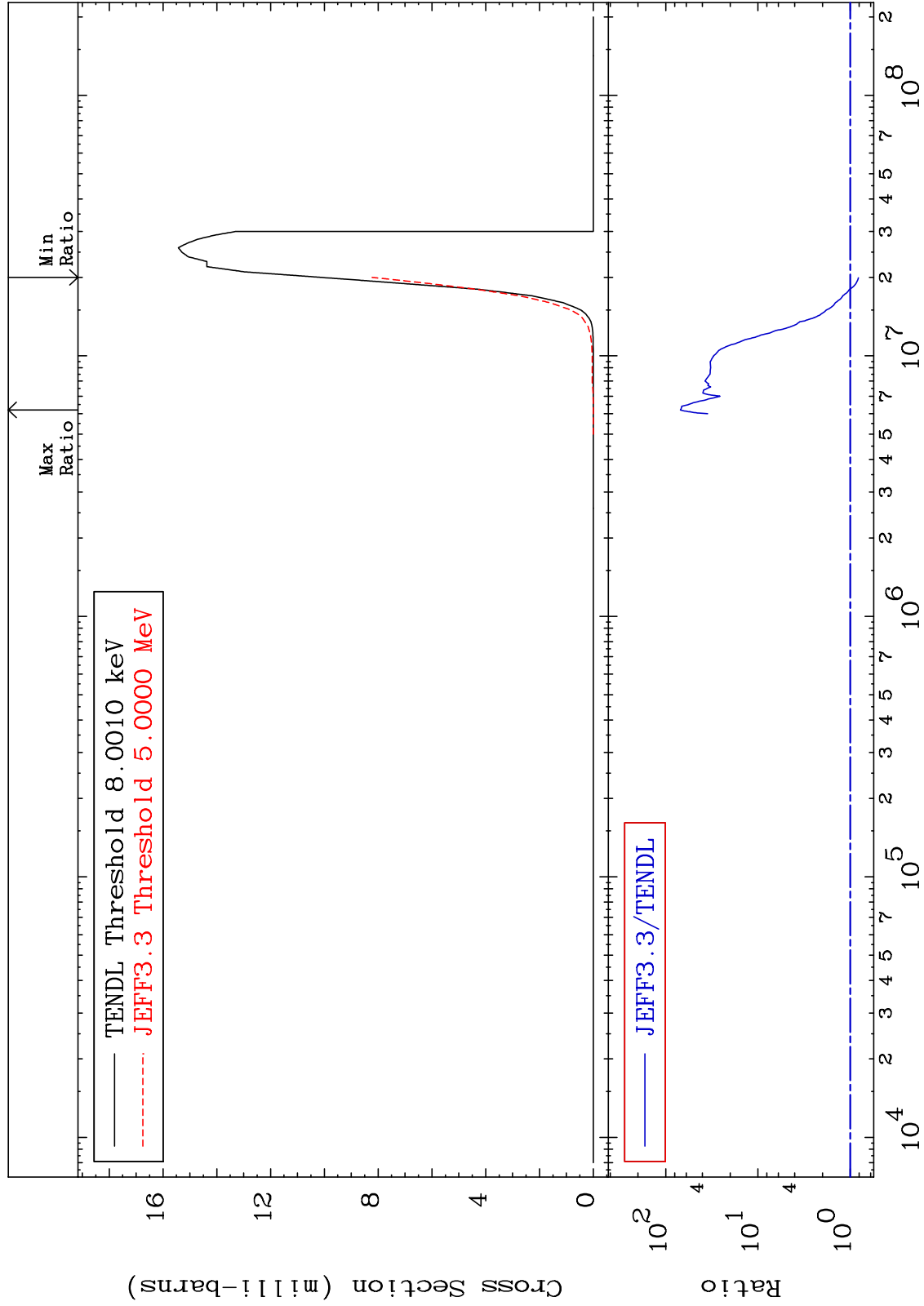
MAT 6037

$(n, n') \alpha$

60-Nd-146

Cross Section

-18.69 To 6824. %



60-Nd-146

Incident Energy (eV)

6

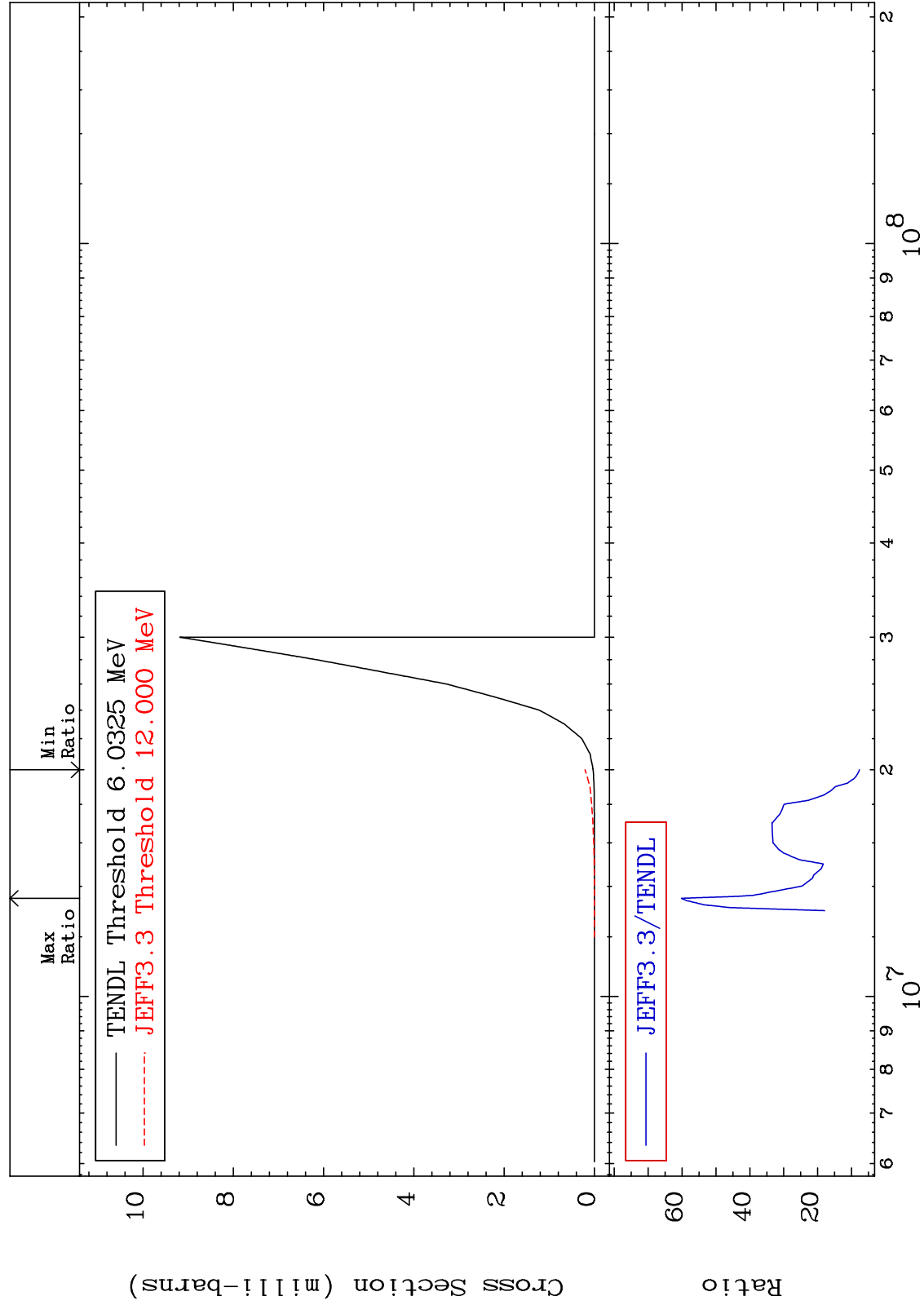
MAT 6037

(n,2n) α

60-Nd-146

668.7 To 5917. %

Cross Section



7

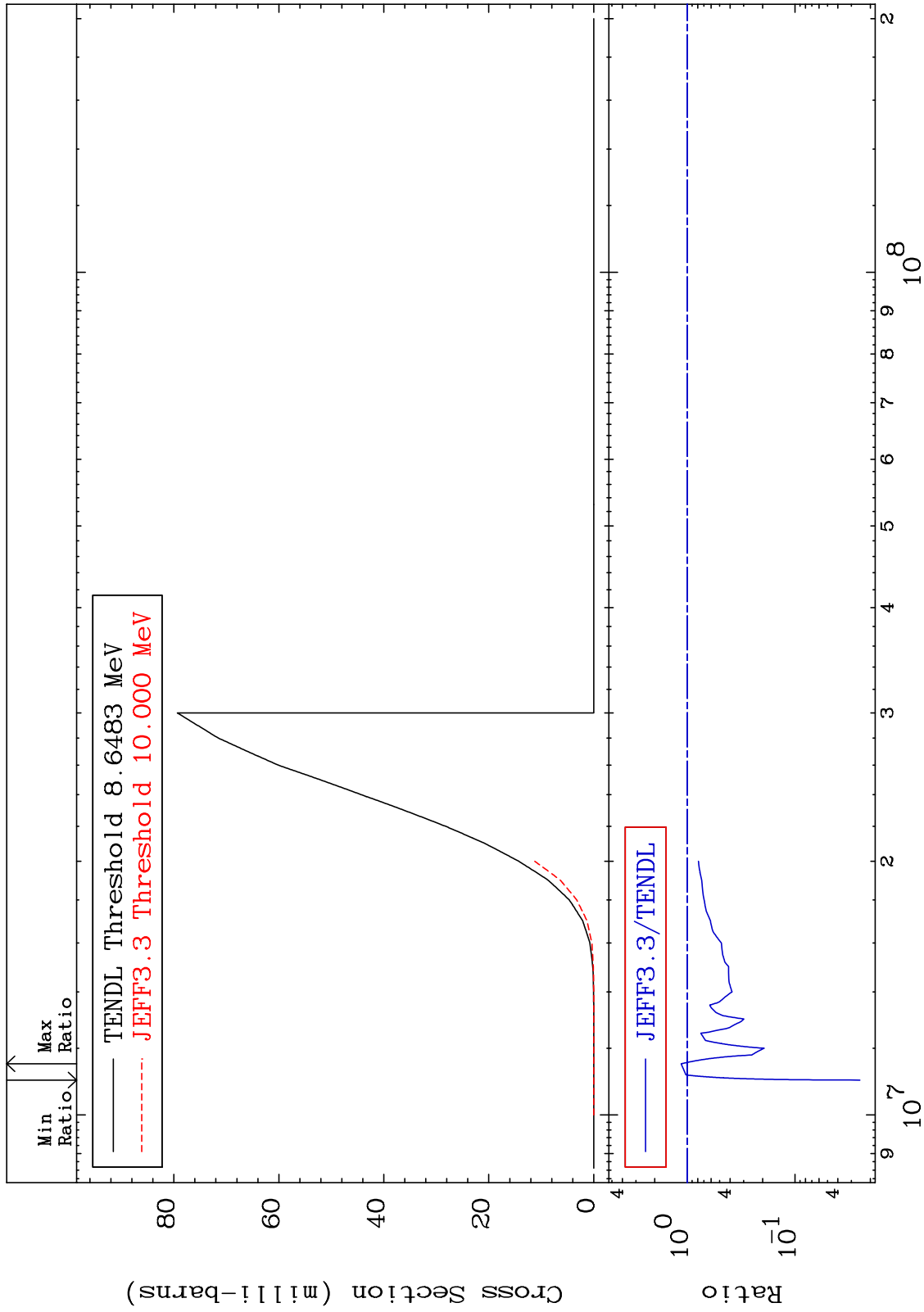
Incident Energy (eV)

60-Nd-146

MAT 6037

(n,n') p
Cross Section

60-Nd-146
-97.50 To 13.76 %



8

Incident Energy (eV)

60-Nd-146

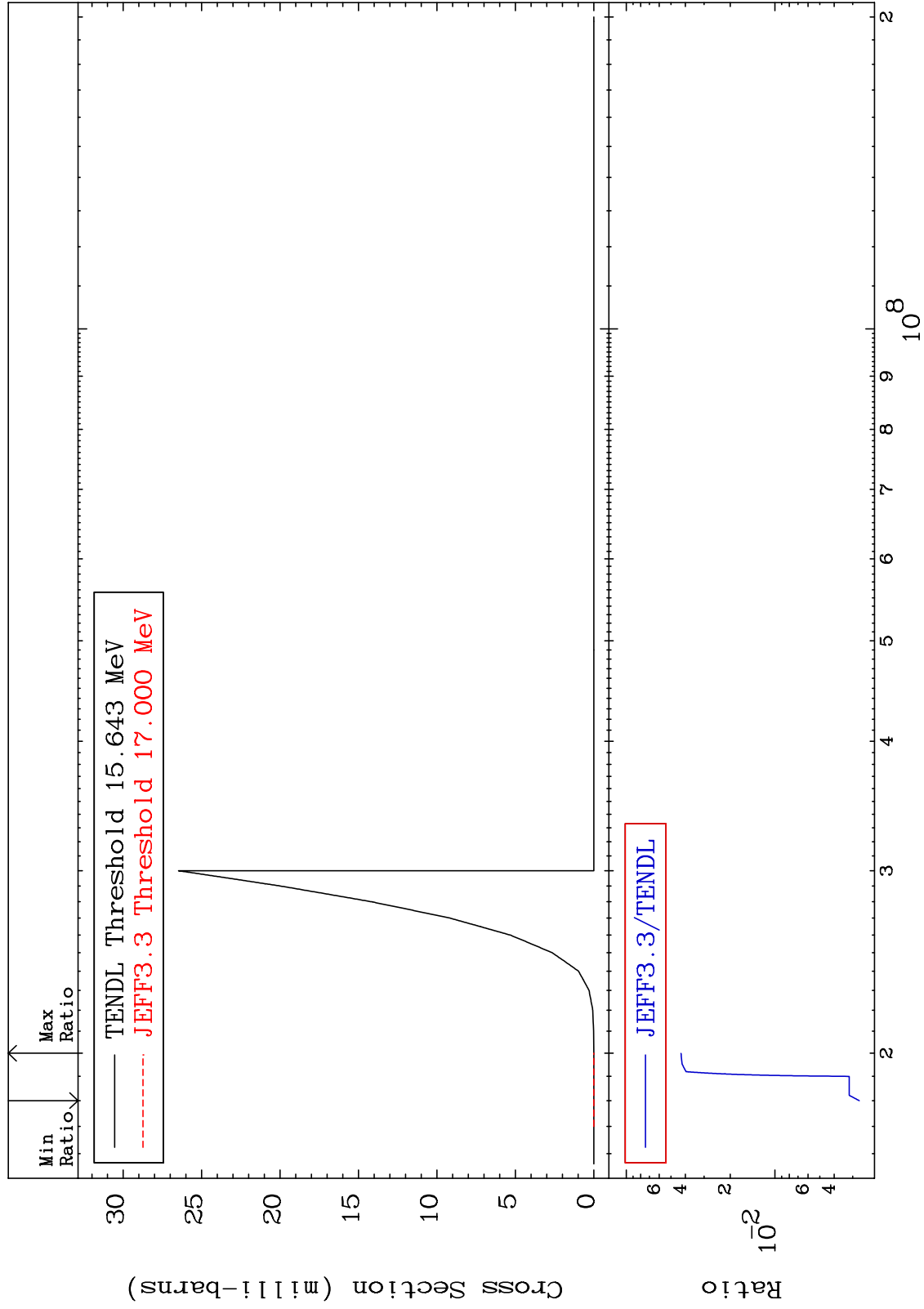
MAT 6037

(n,2n) p

60-Nd-146

Cross Section

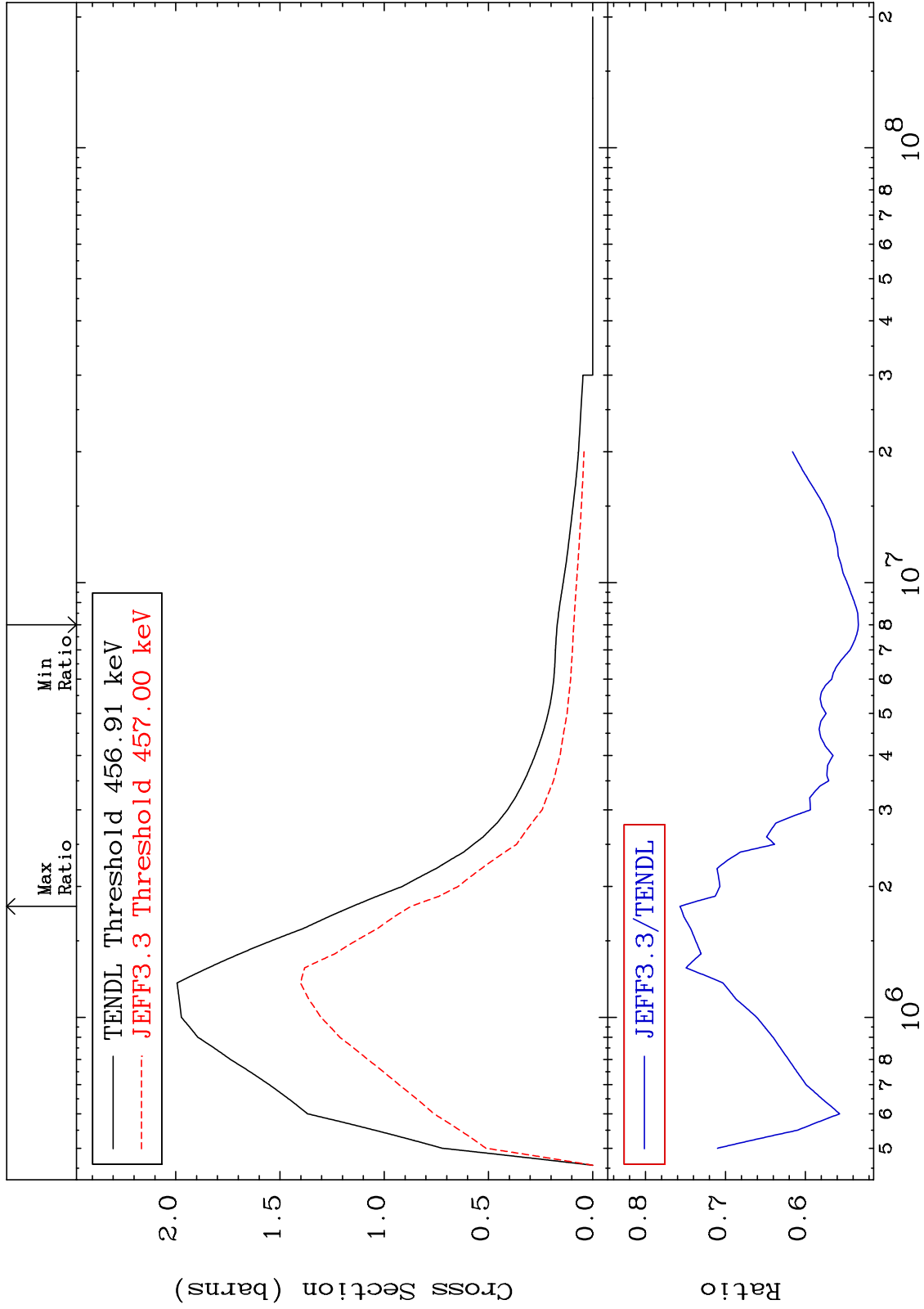
-99.73 To -95.72%



MAT 6037

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

60-Nd-146
-46.66 To -24.31%



10

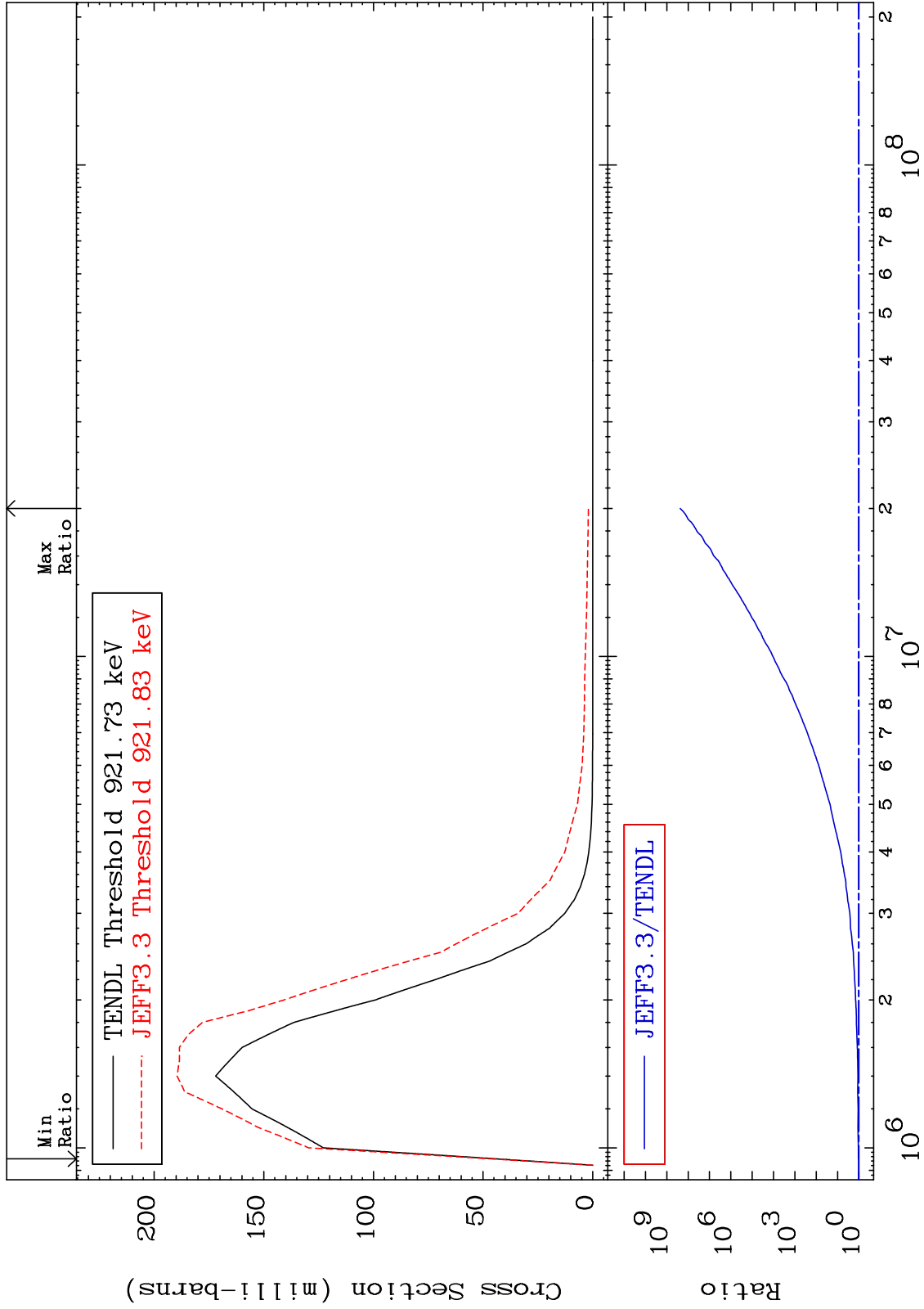
Incident Energy (eV)

60-Nd-146

MAT 6037

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

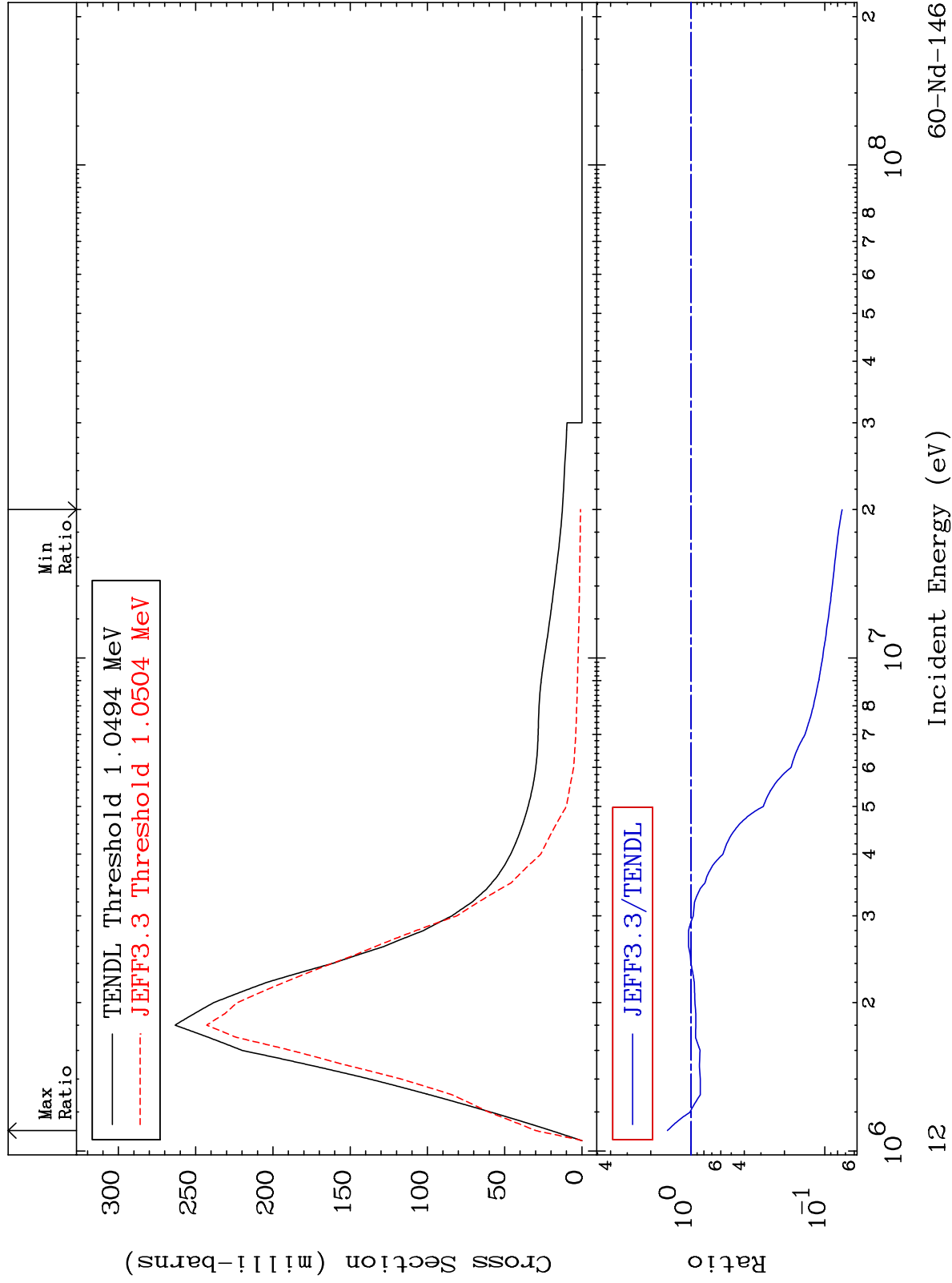
60-Nd-146
5.149 To 9999. %



MAT 6037

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

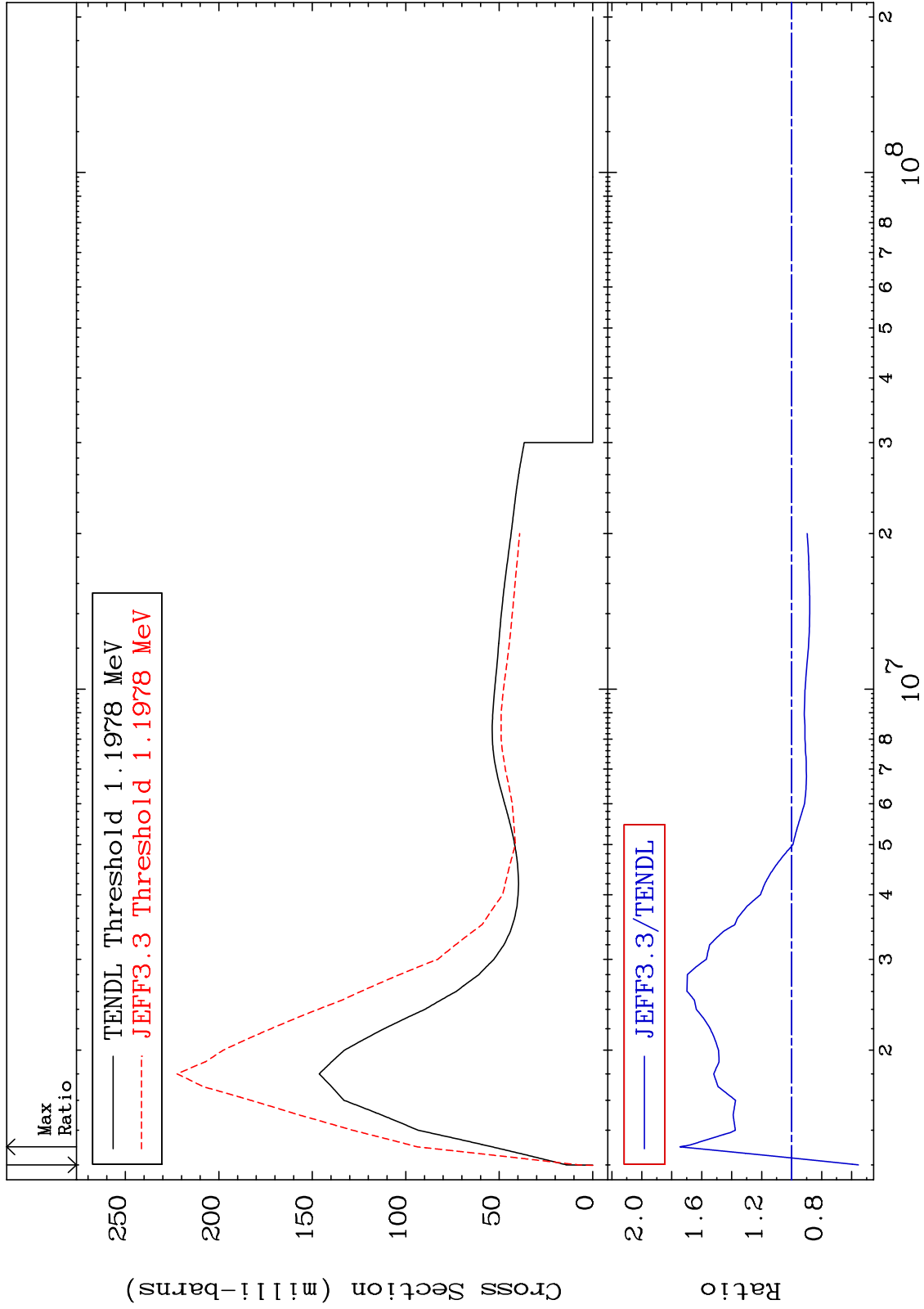
60-Nd-146
-92.59 To 50.13 %



MAT 6037

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

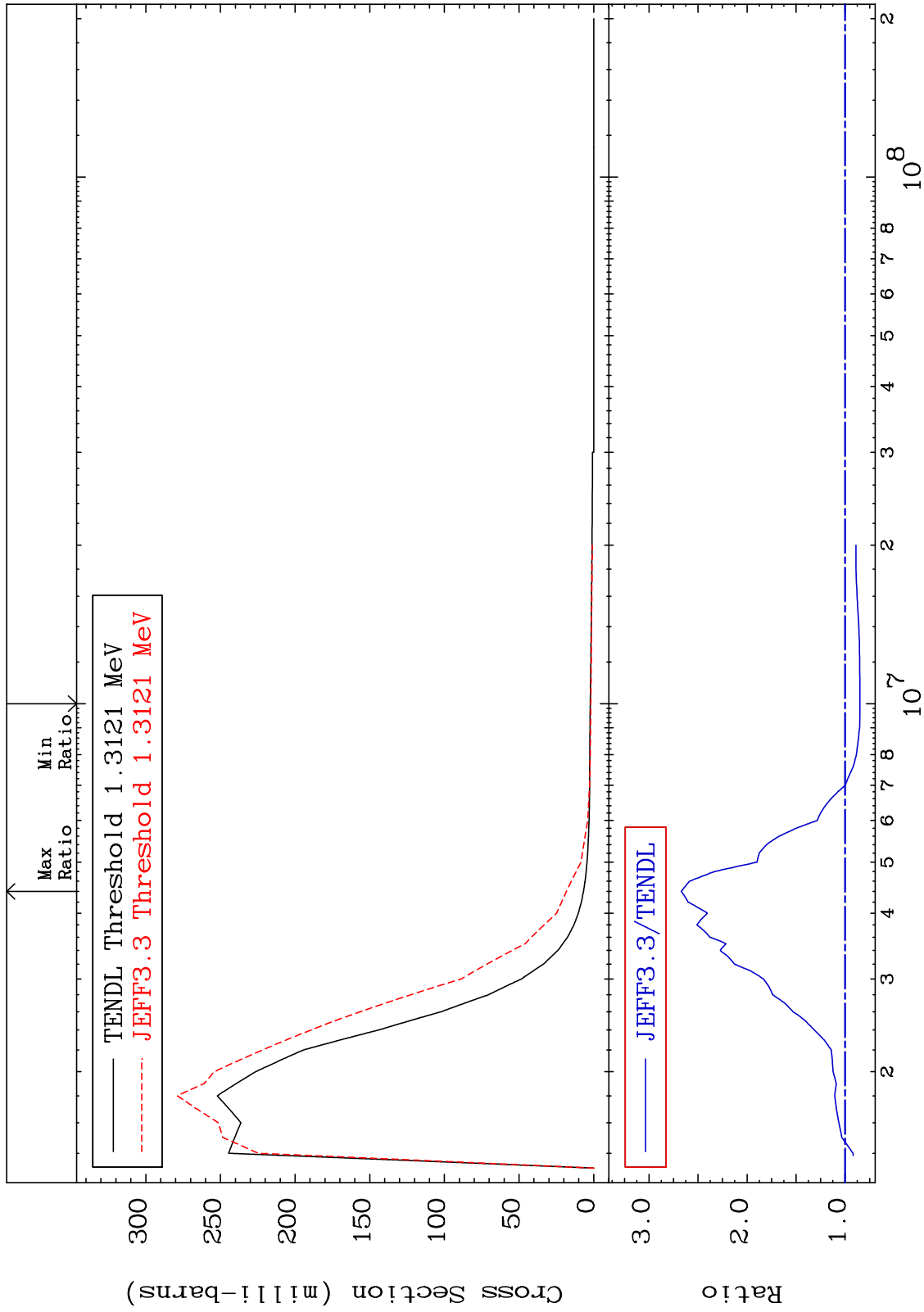
60-Nd-146
-44.55 To 74.49 %



MAT 6037

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

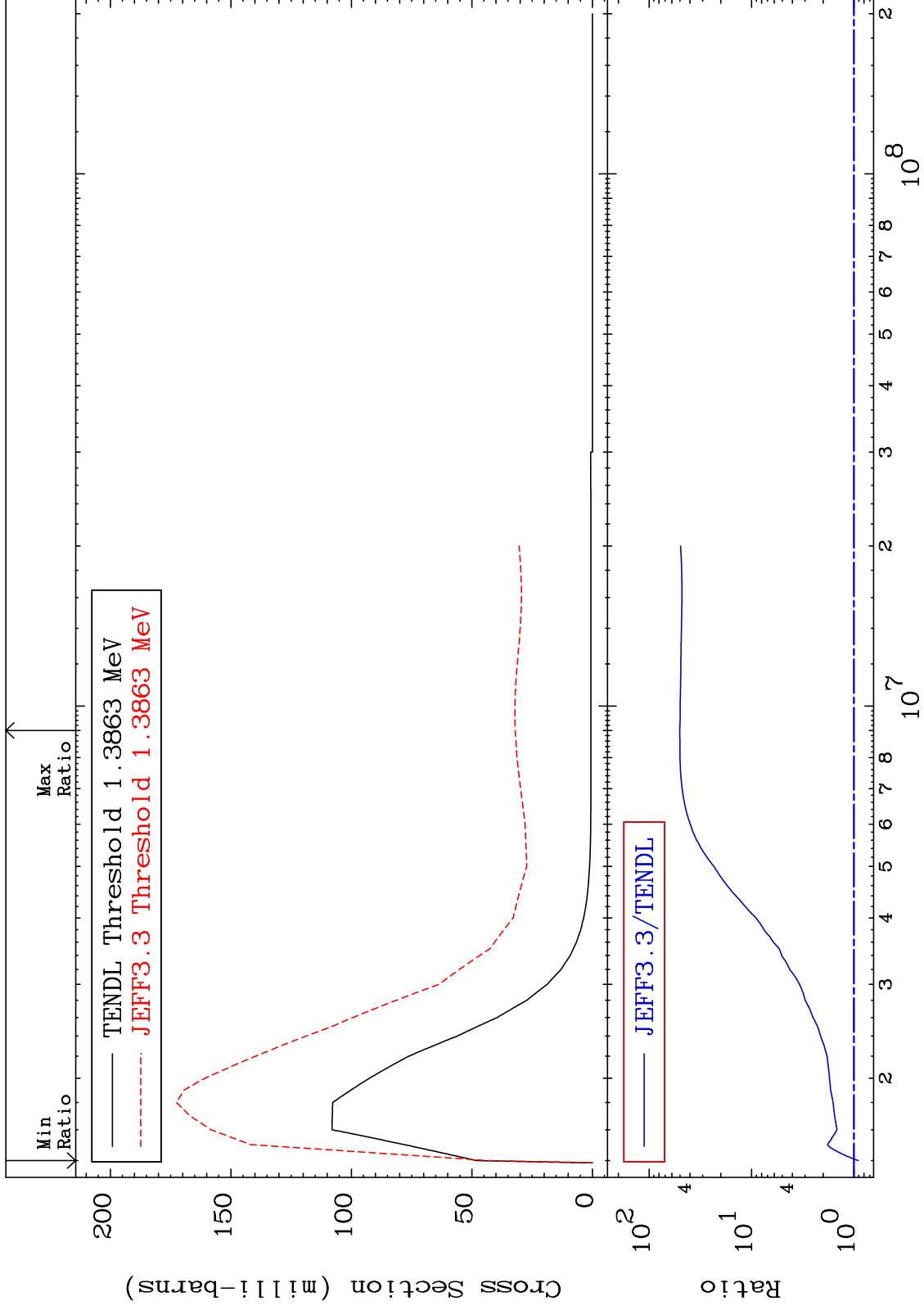
60-Nd-146
-15.13 To 167.1 %



MAT 6037

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

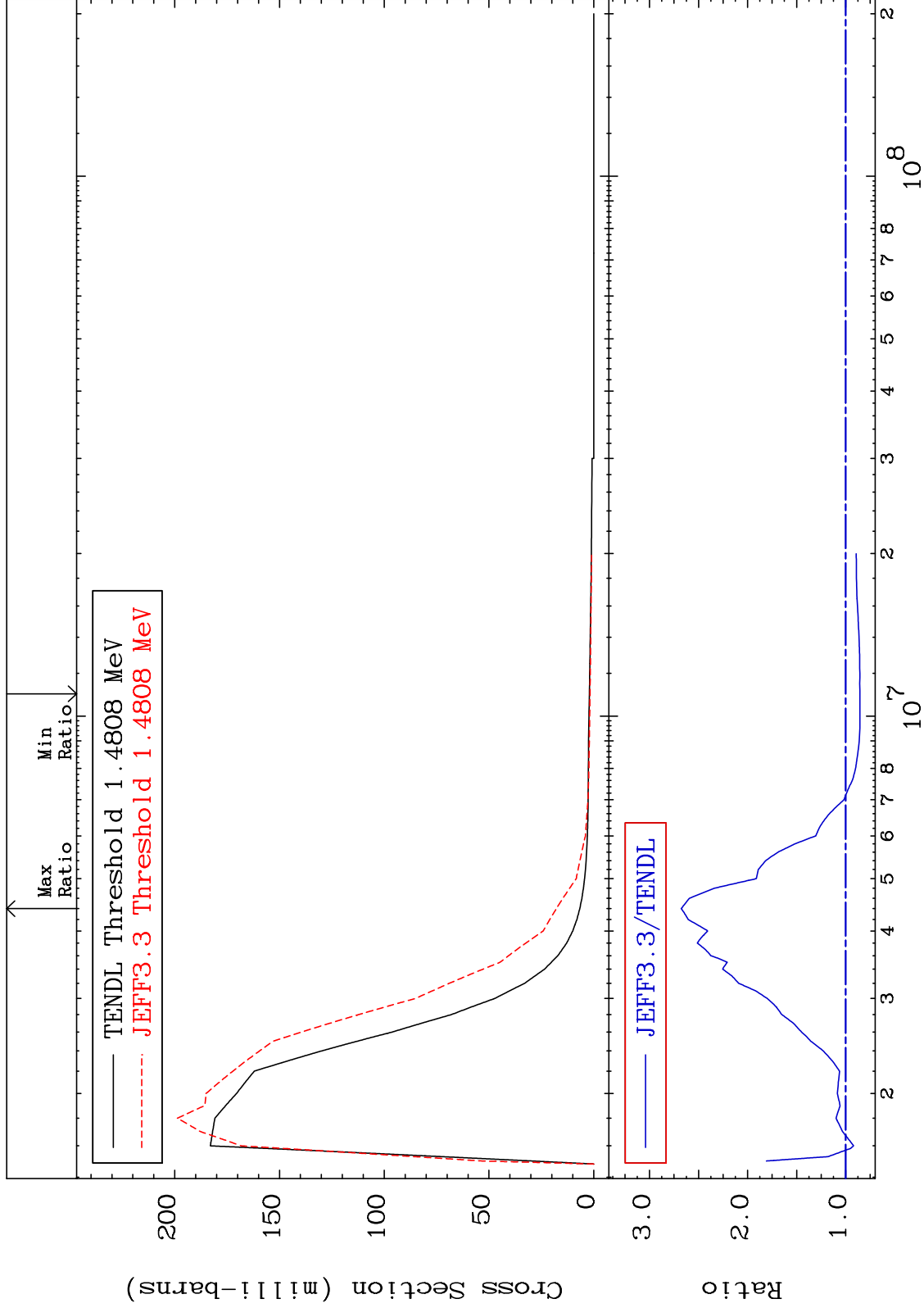
60-Nd-146
-9.328 To 4919. %



MAT 6037

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

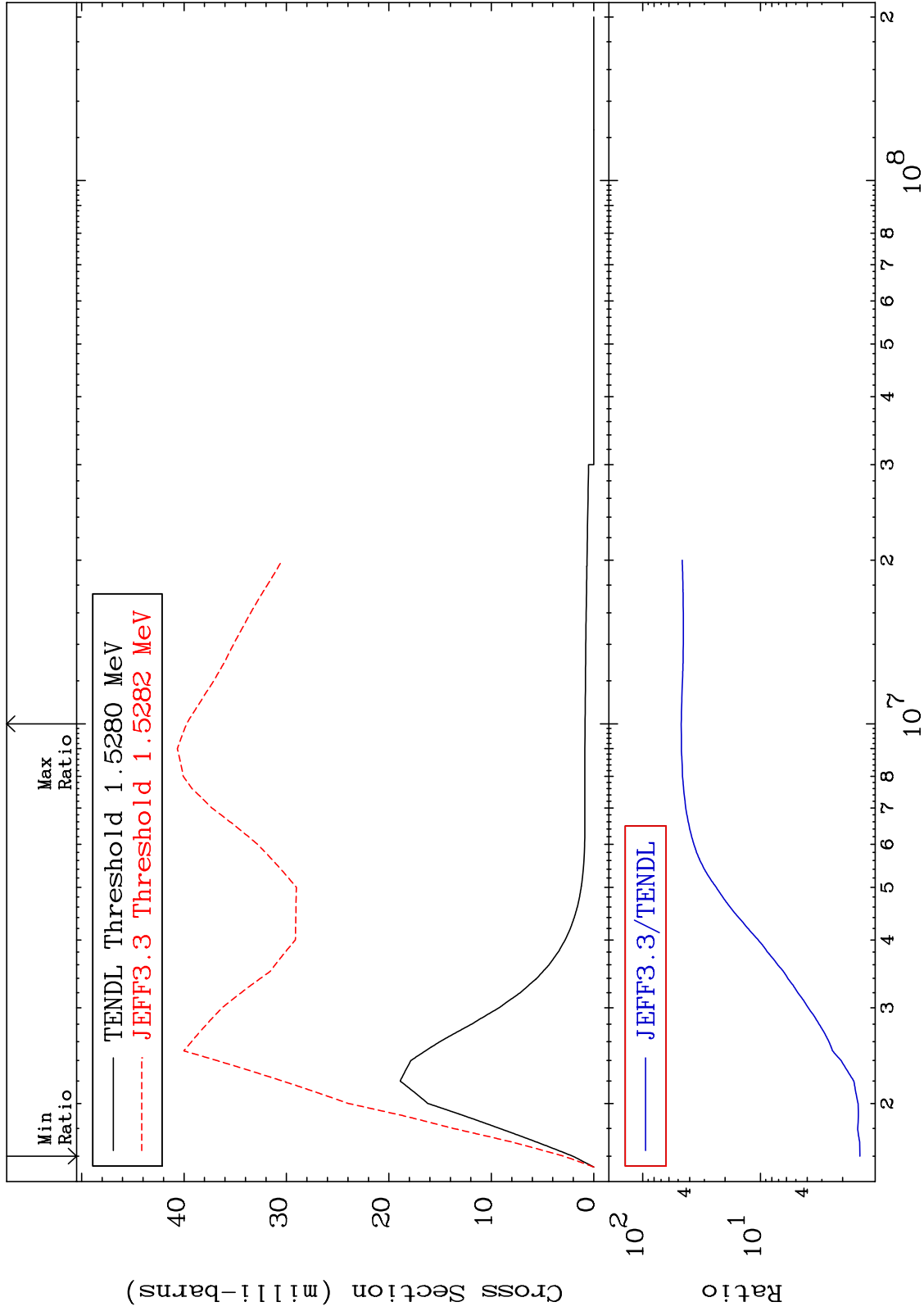
60-Nd-146
-14.52 To 167.7 %



MAT 6037

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

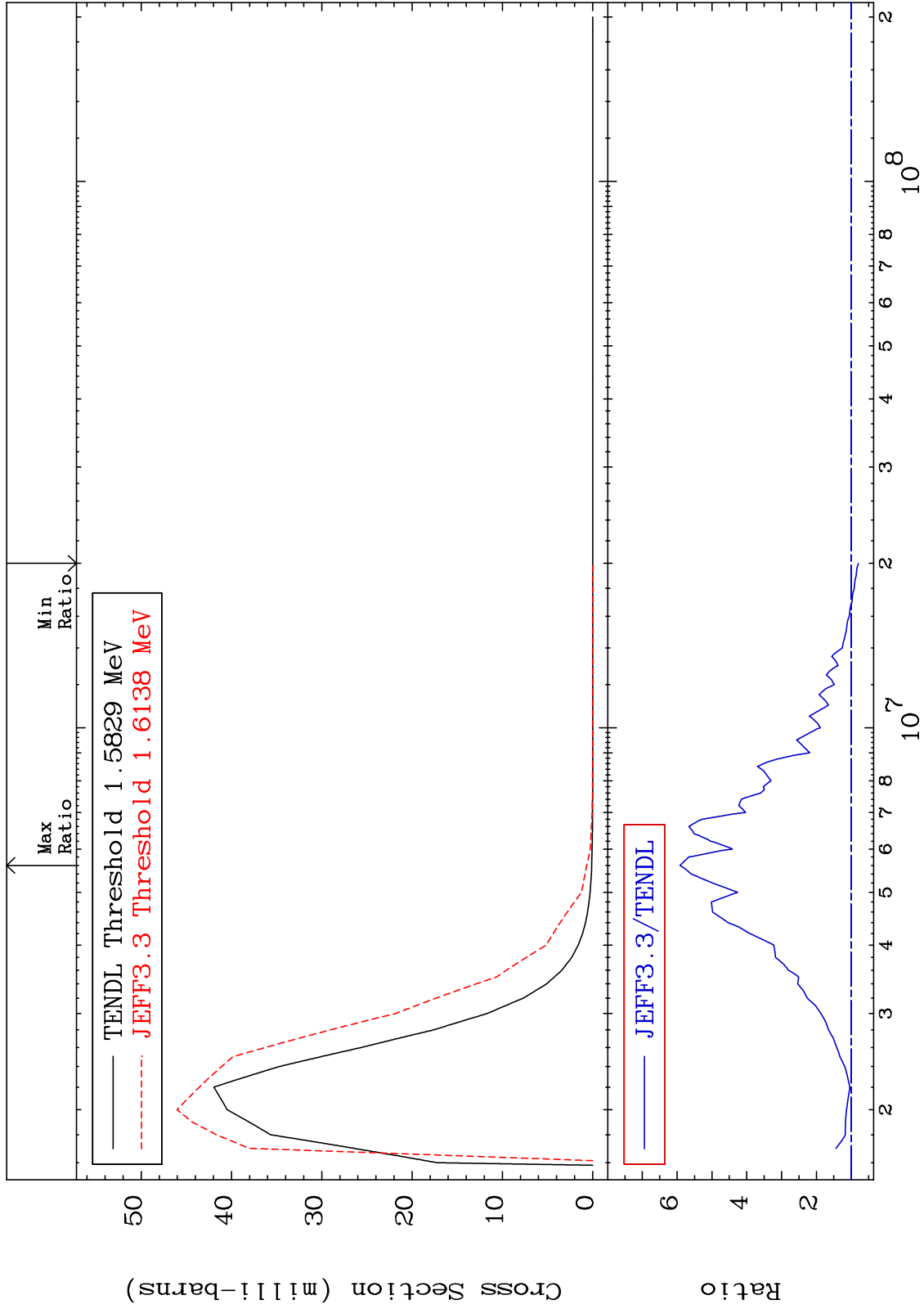
60-Nd-146
42.64 To 4610. %



MAT 6037

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

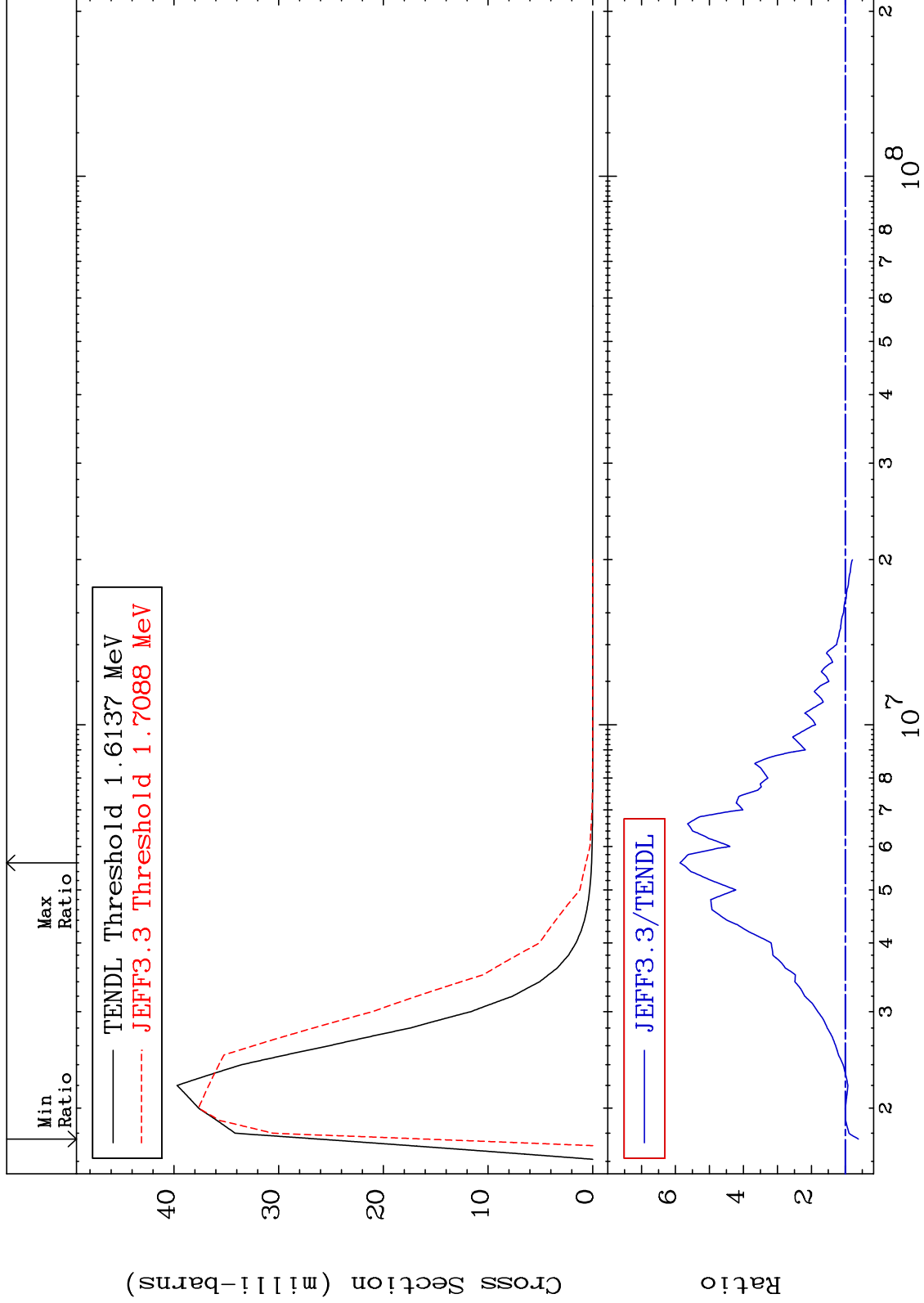
60-Nd-146
-20.73 To 491.7 %



MAT 6037

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

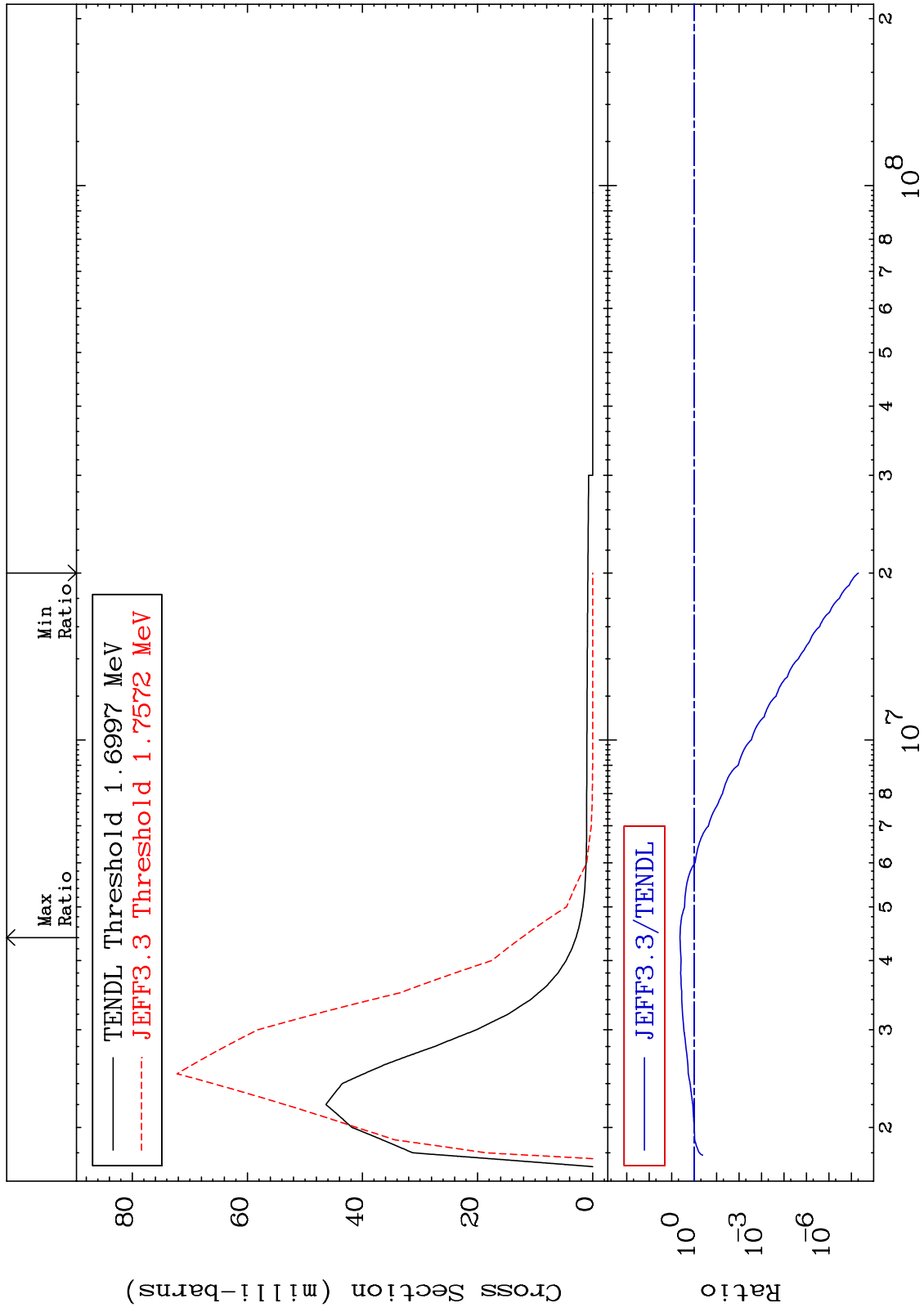
60-Nd-146
-38.46 To 486.6 %



MAT 6037

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

60-Nd-146
-100.0 To 325.3 %



20

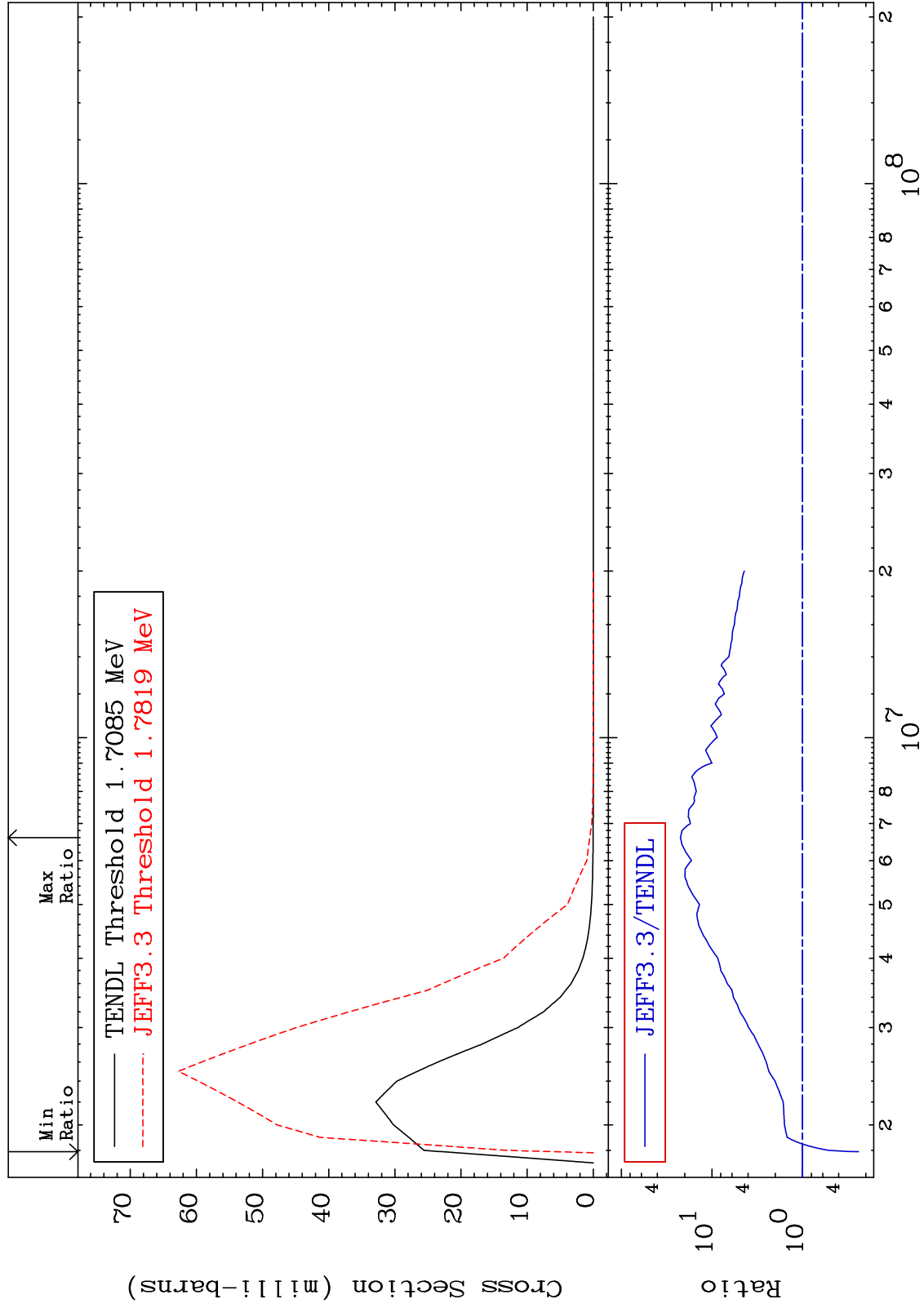
Incident Energy (eV)

60-Nd-146

MAT 6037

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

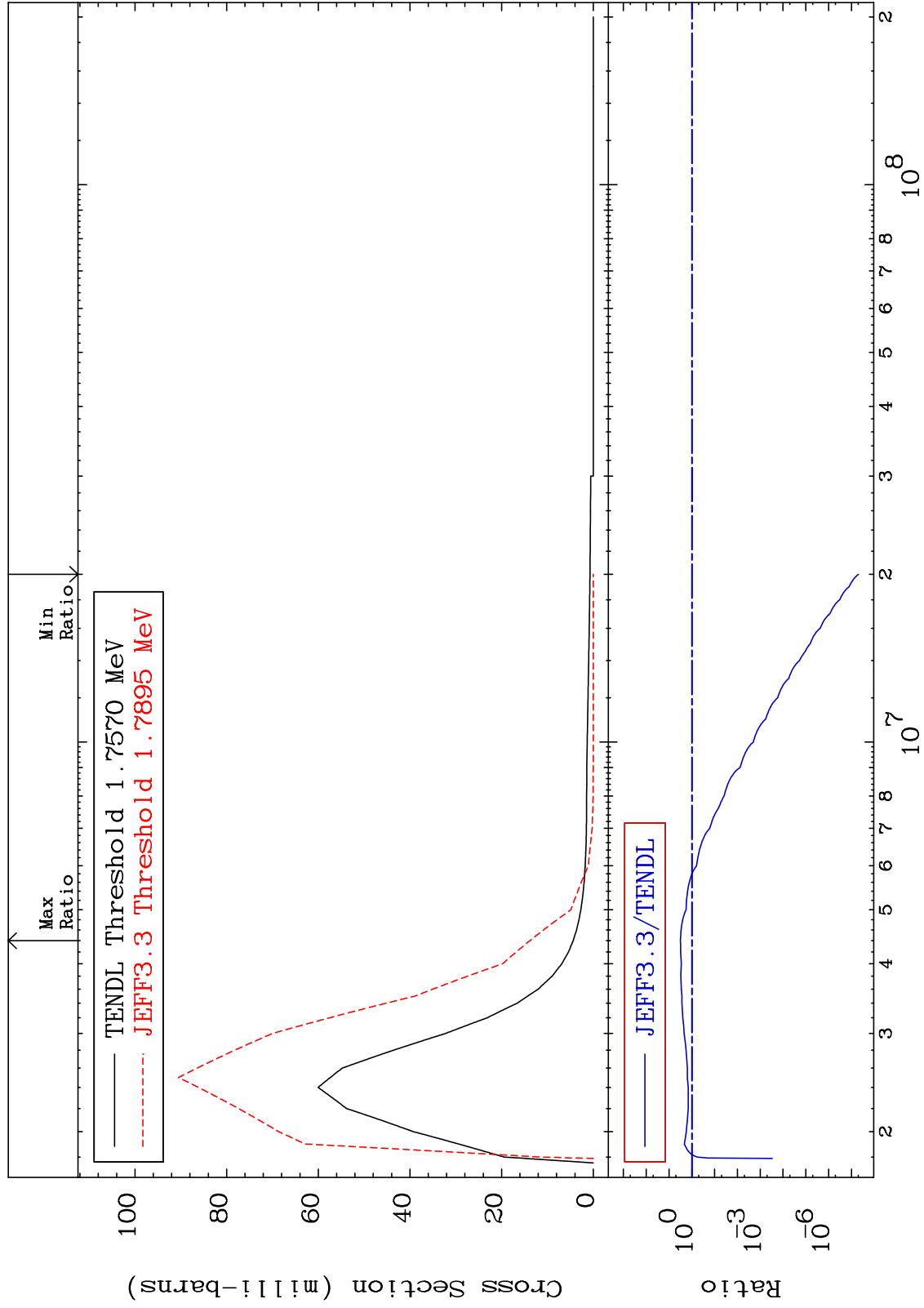
60-Nd-146
-75.88 To 2127. %



MAT 6037

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

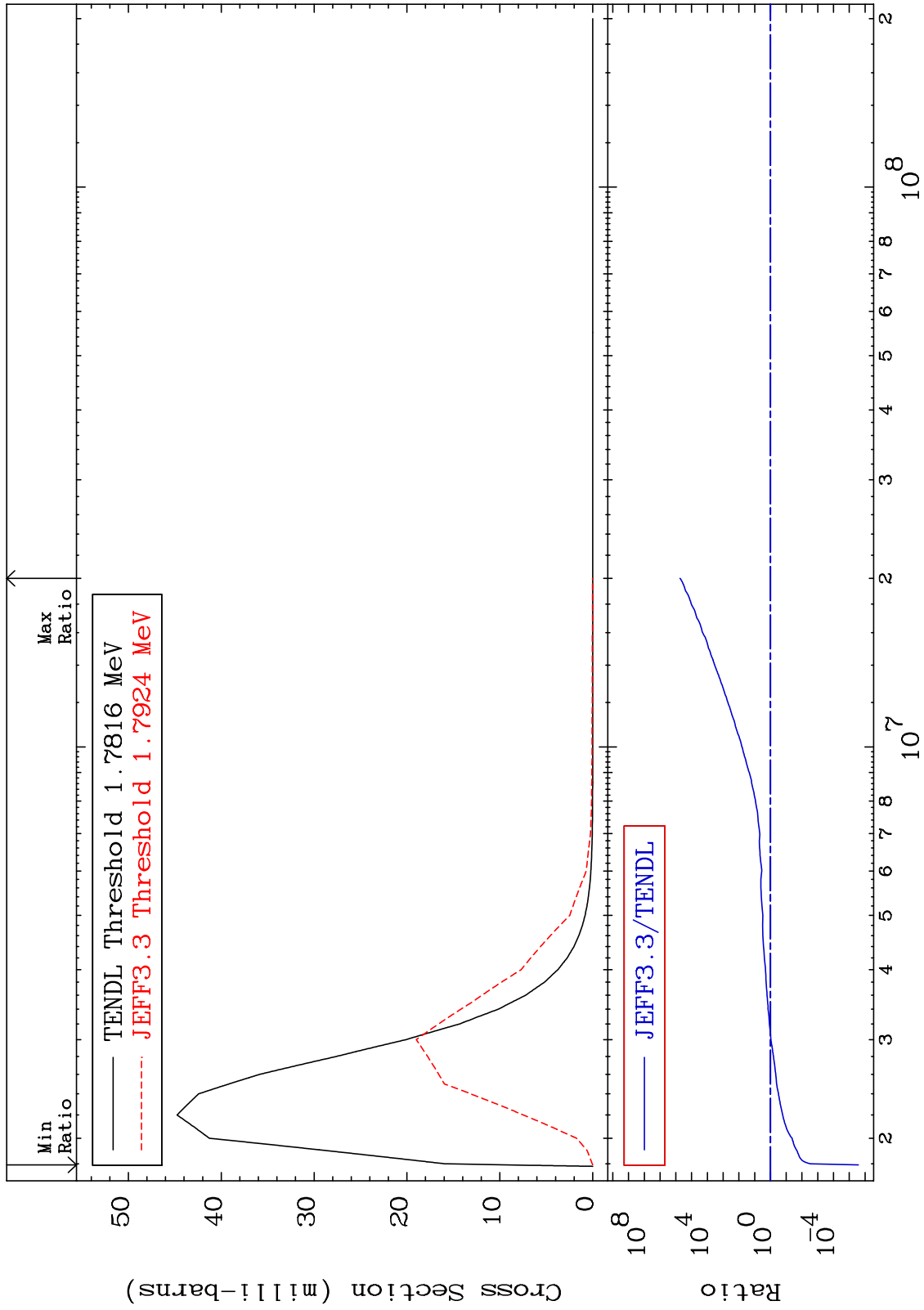
60-Nd-146
-100.0 To 215.5 %



MAT 6037

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

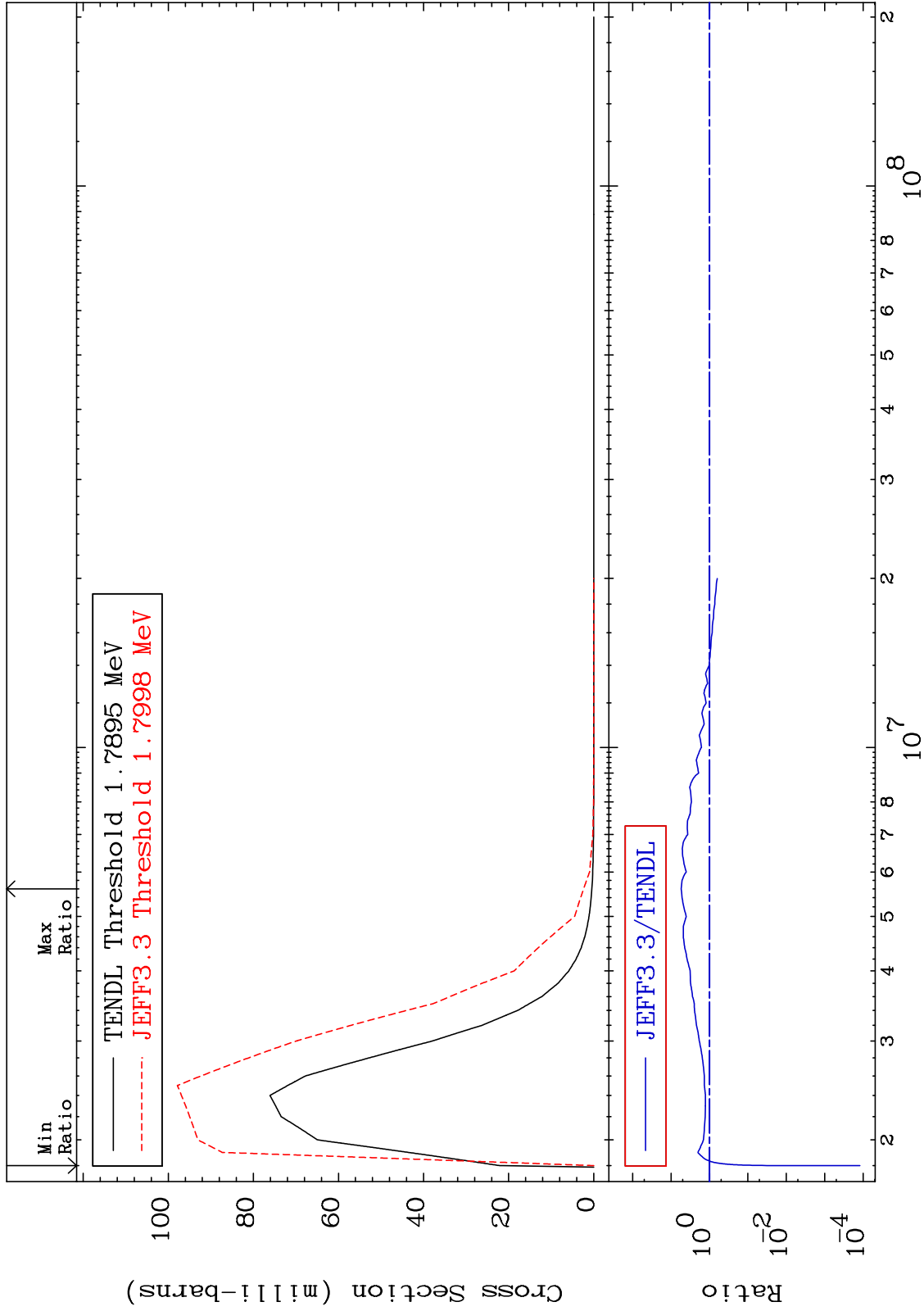
60-Nd-146
-100.0 To 9999. %



MAT 6037

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

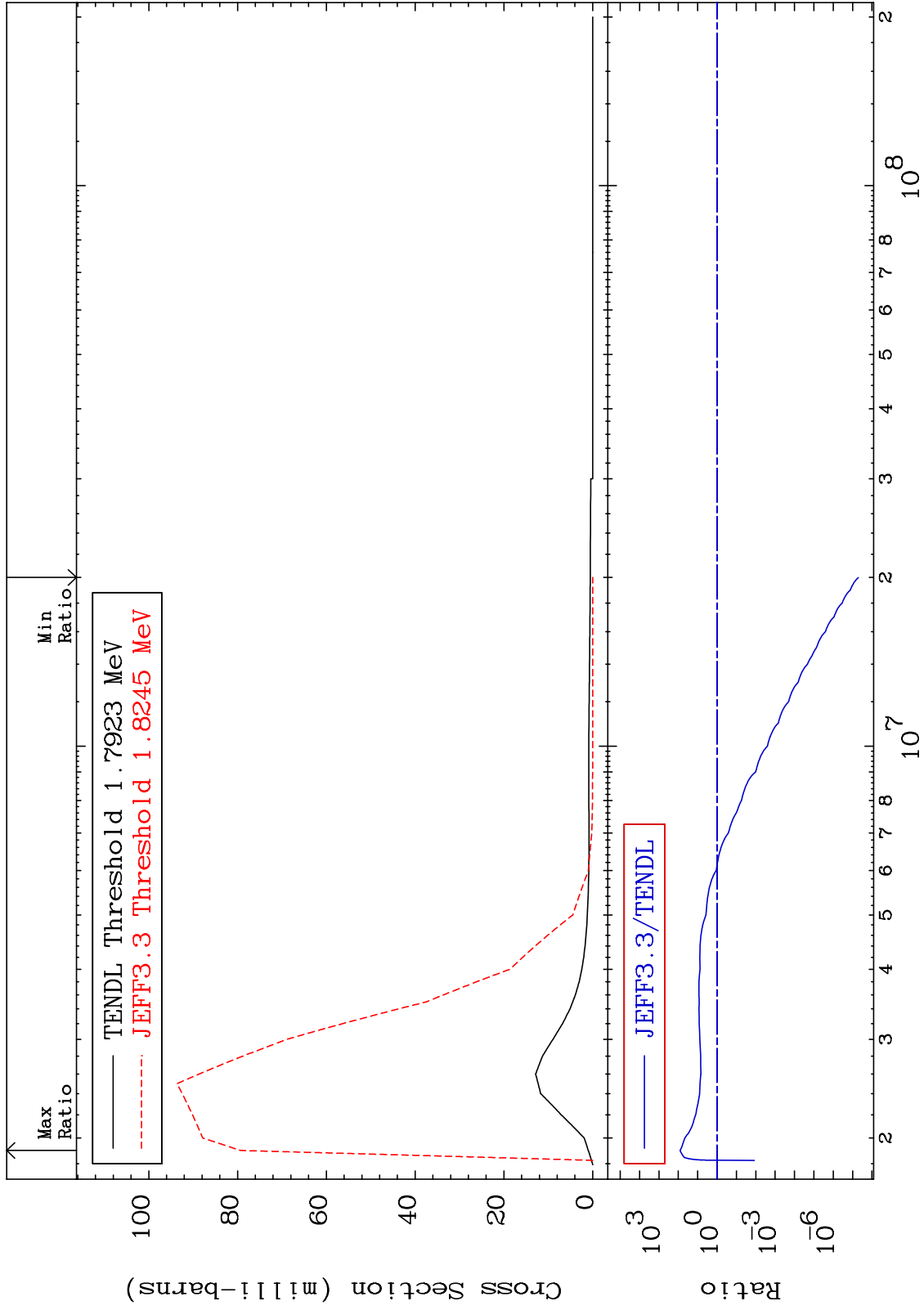
60-Nd-146
-99.99 To 444.7 %



MAT 6037

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

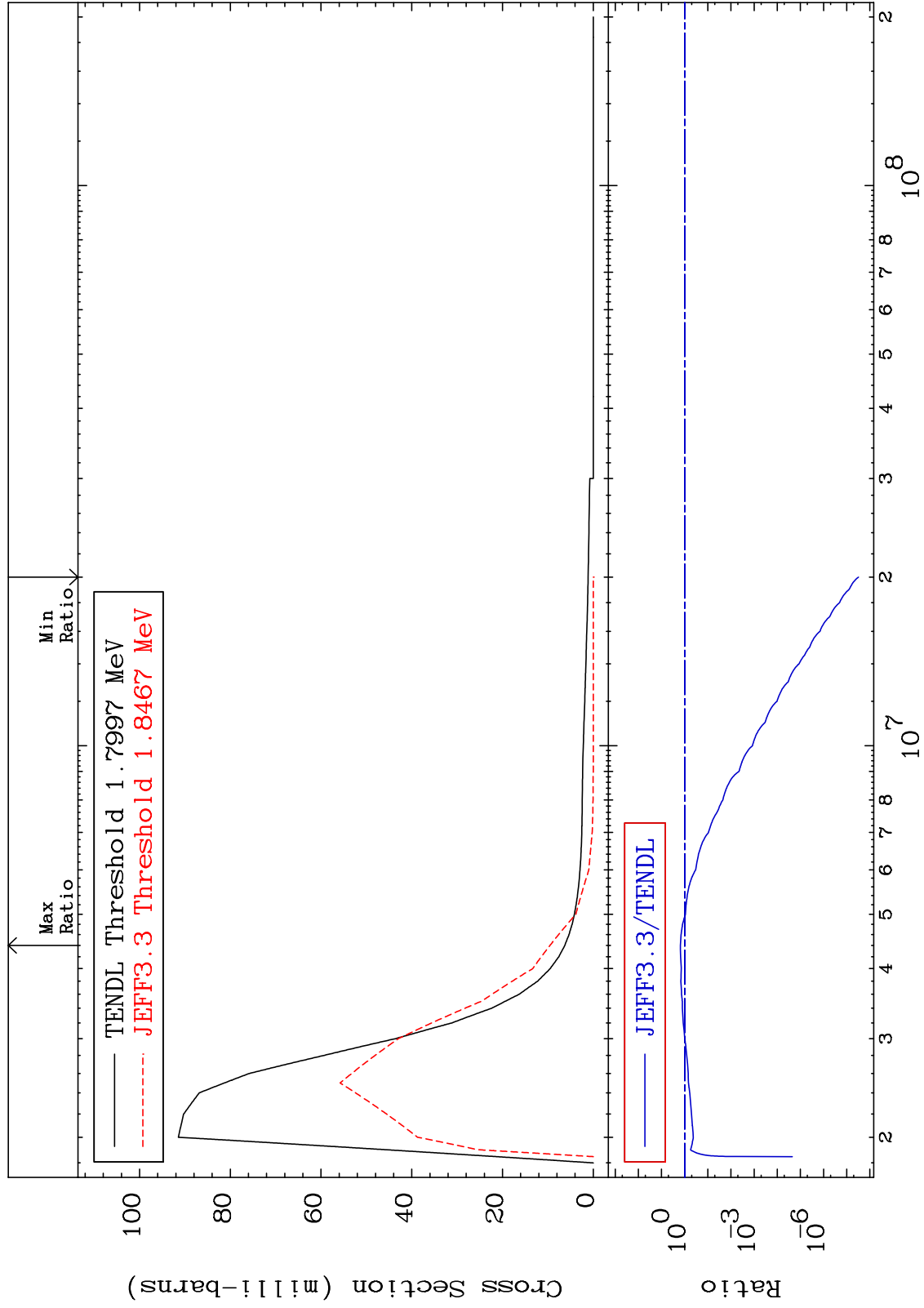
60-Nd-146
-100.0 To 8060. %



MAT 6037

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

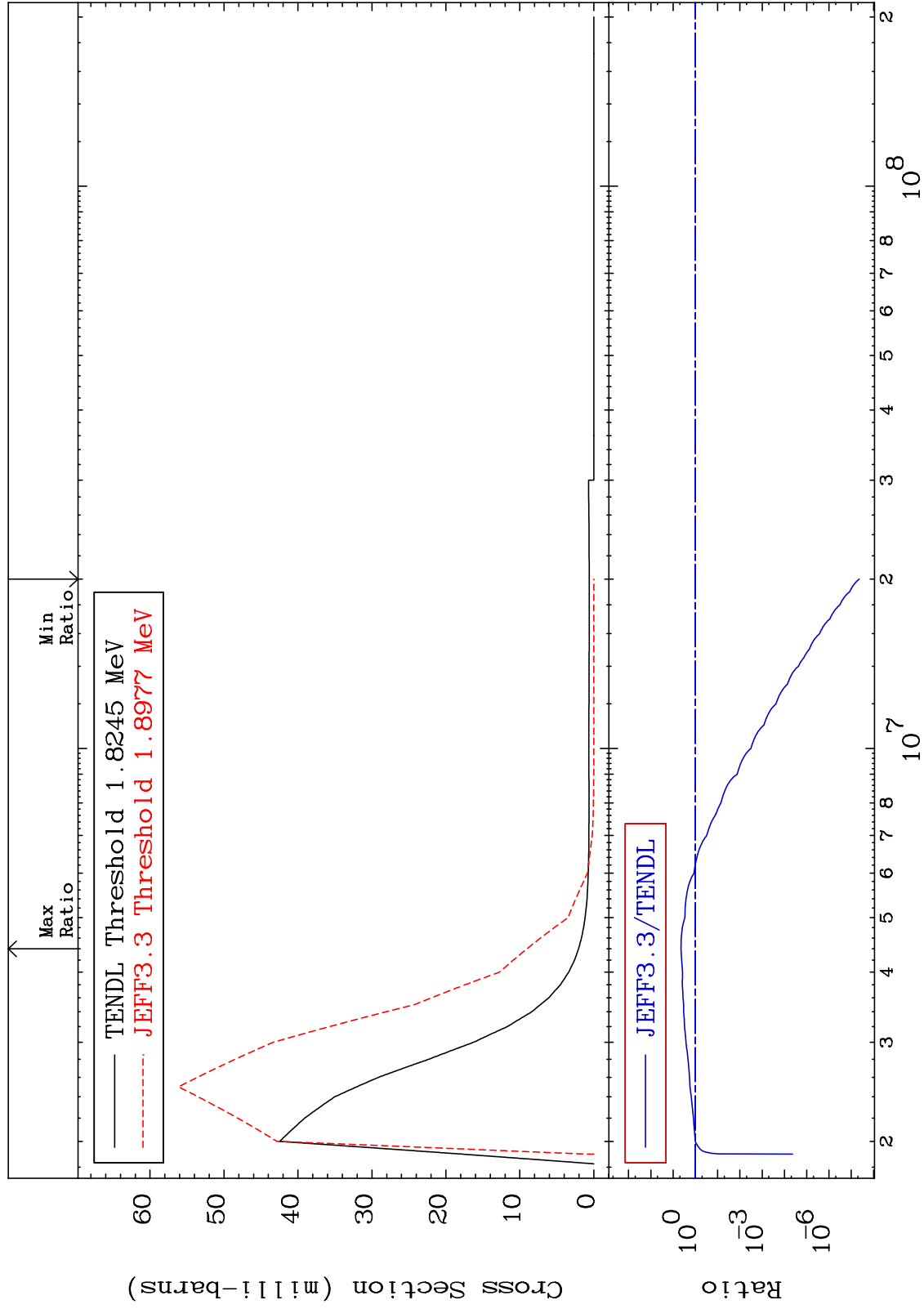
60-Nd-146
-100.0 To 51.92 %



MAT 6037

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

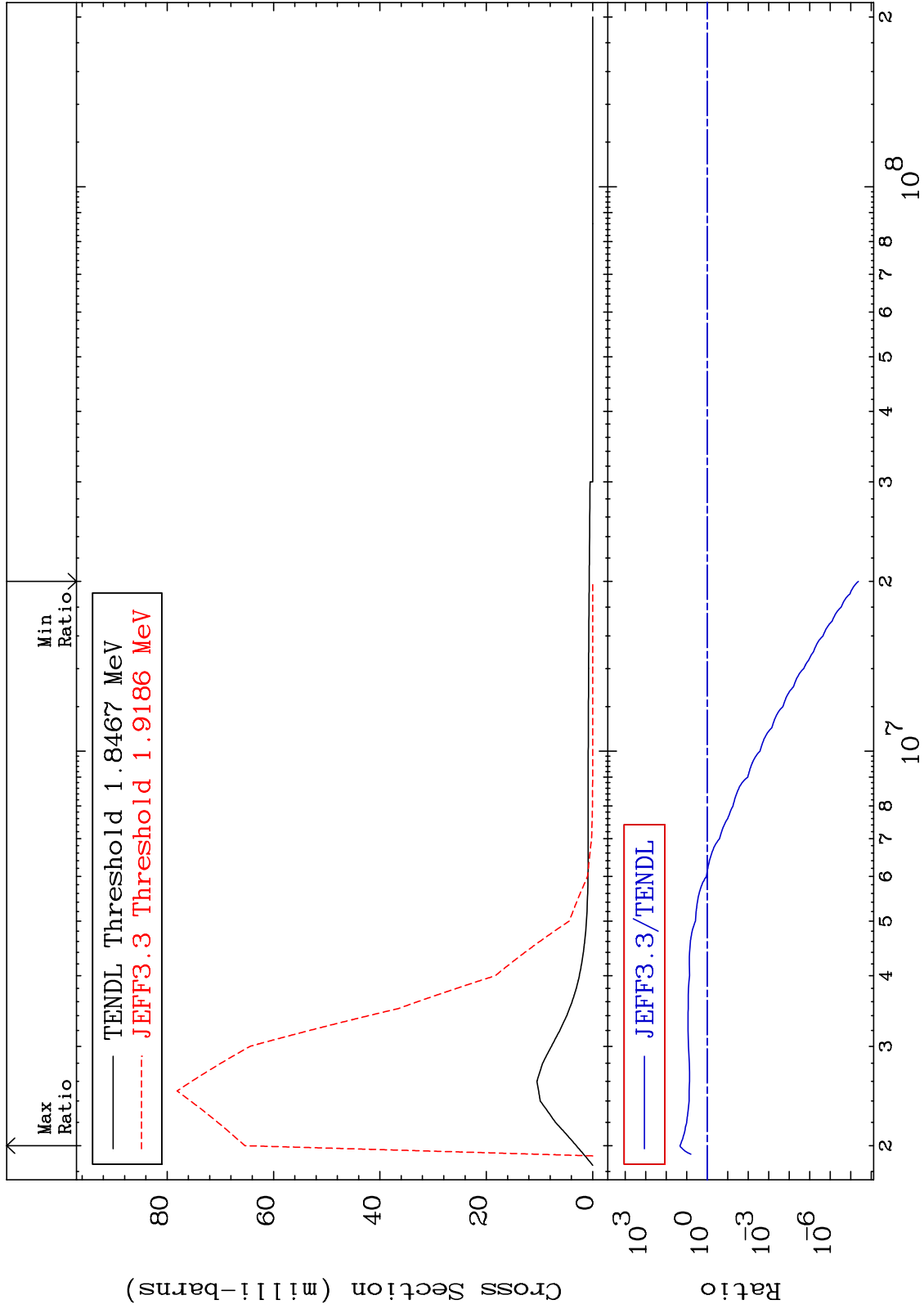
60-Nd-146
-100.0 To 339.7 %



MAT 6037

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

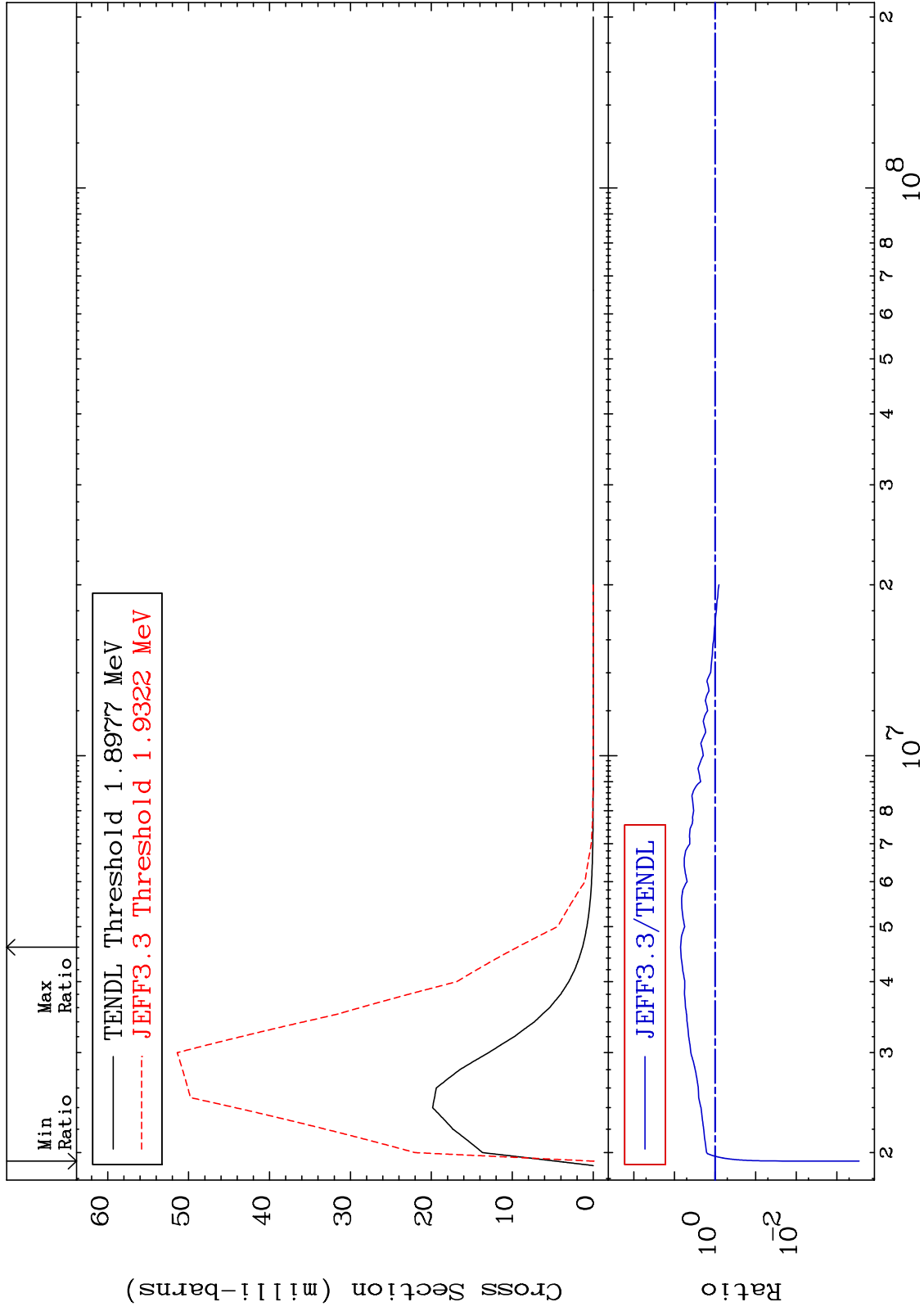
60-Nd-146
-100.0 To 2020. %



MAT 6037

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

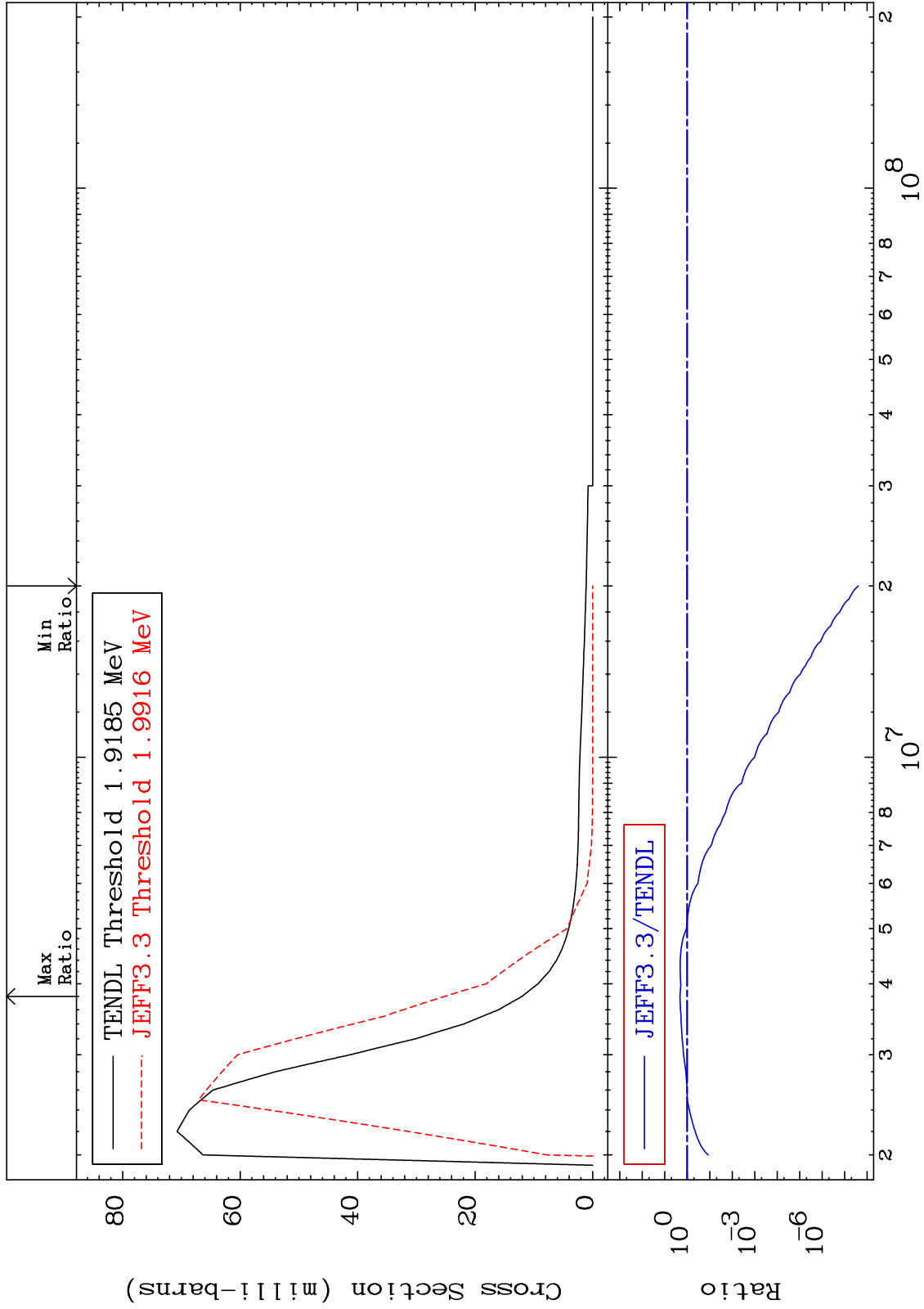
60-Nd-146
-99.97 To 606.5 %



MAT 6037

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

60-Nd-146
-100.0 To 109.6 %



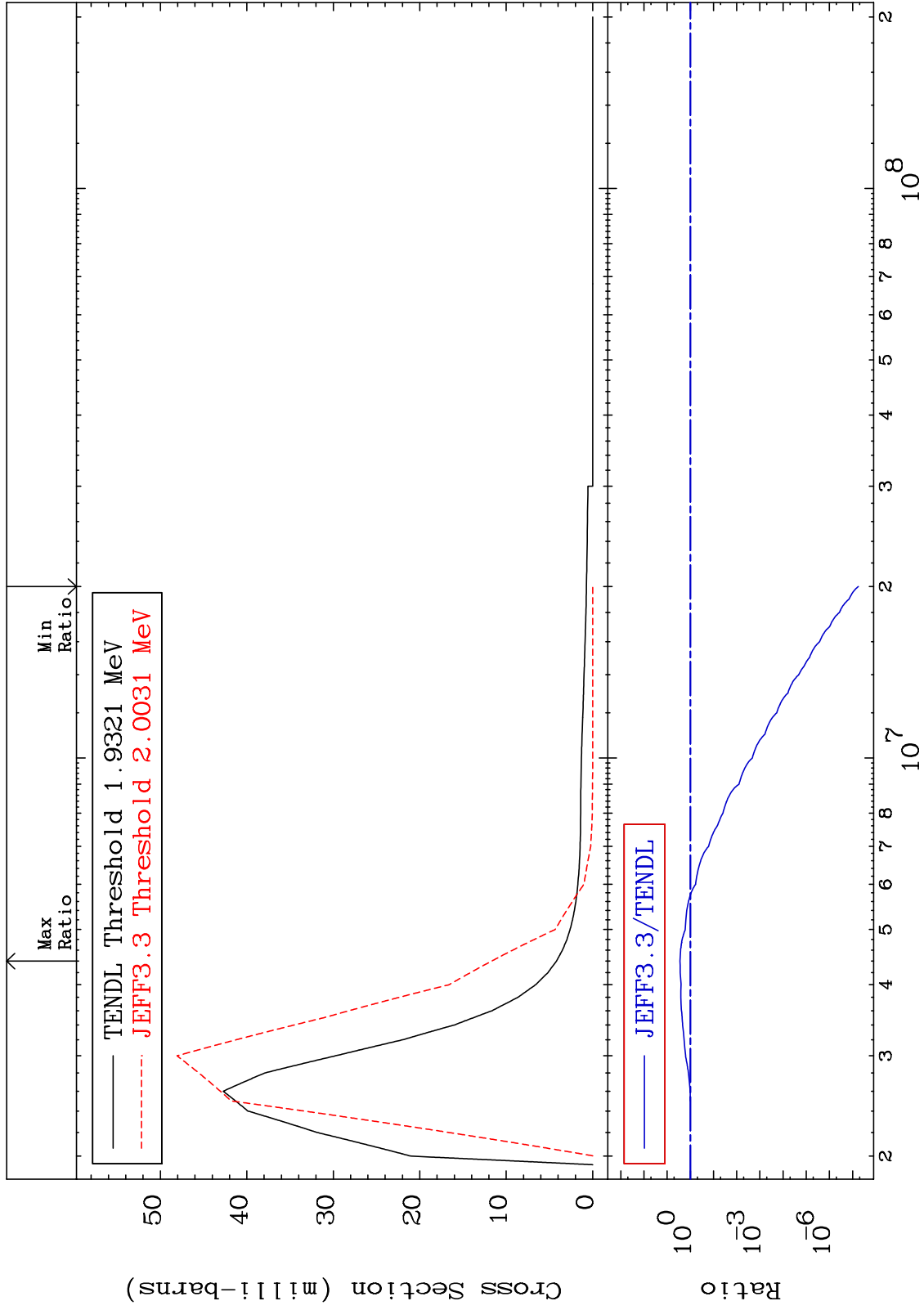
30

60-Nd-146

MAT 6037

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

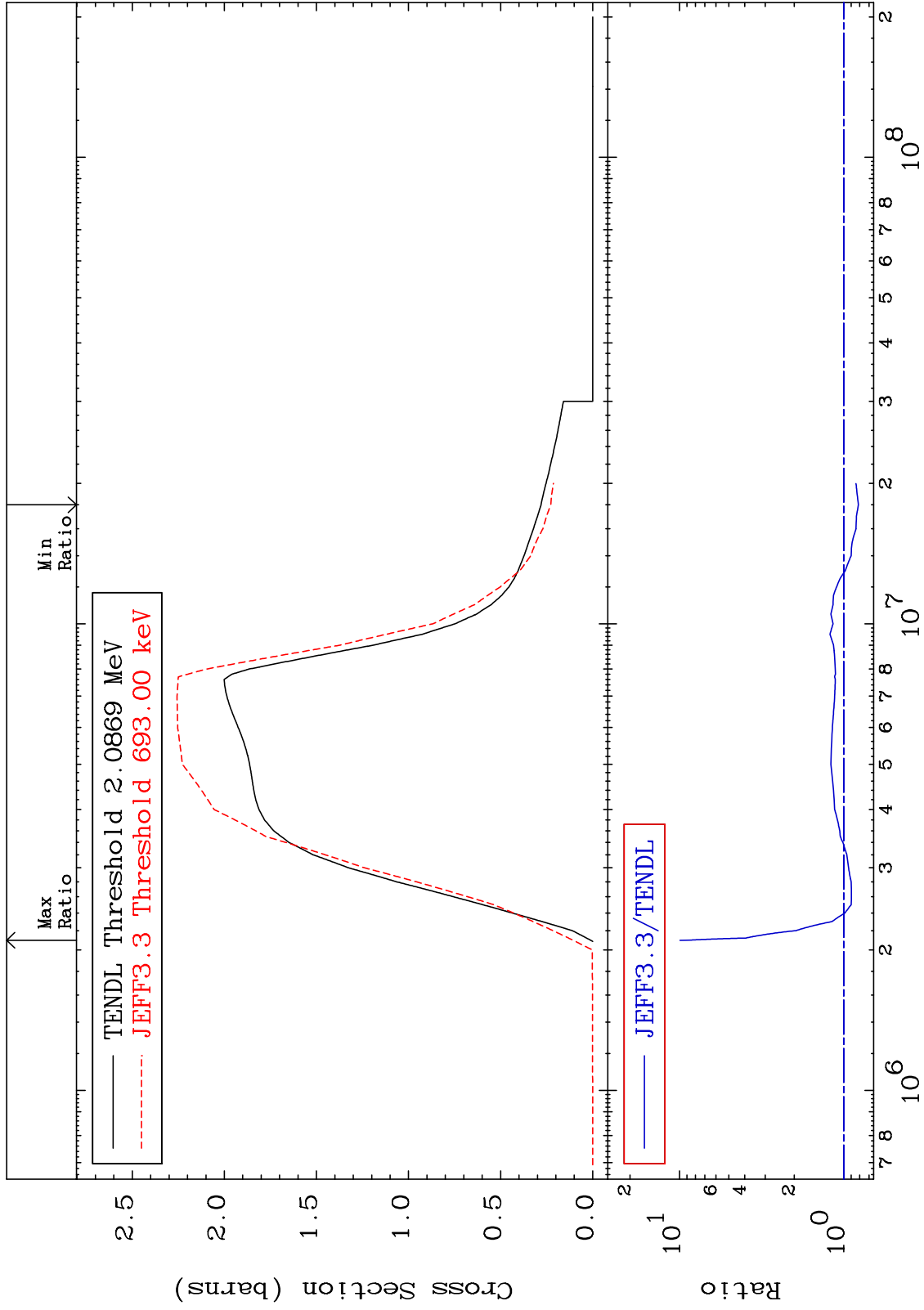
60-Nd-146
-100.0 To 179.0 %



MAT 6037

(n, n') Continuum
Cross Section

60-Nd-146
-18.67 To 892.5 %



Incident Energy (eV)

60-Nd-146

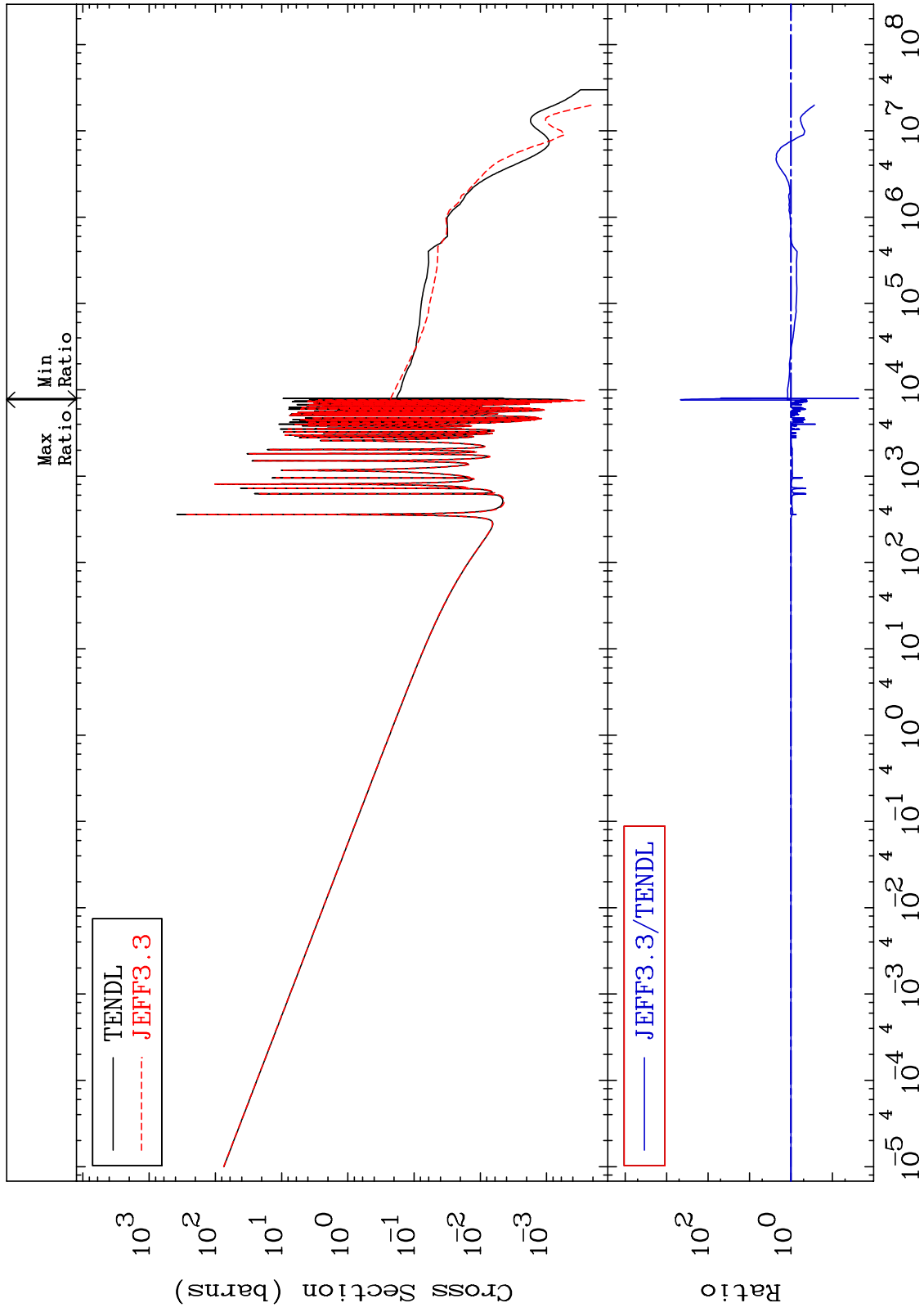
32

MAT 6037

(n, γ)

60-Nd-146
-97.63 To 9999. %

Cross Section



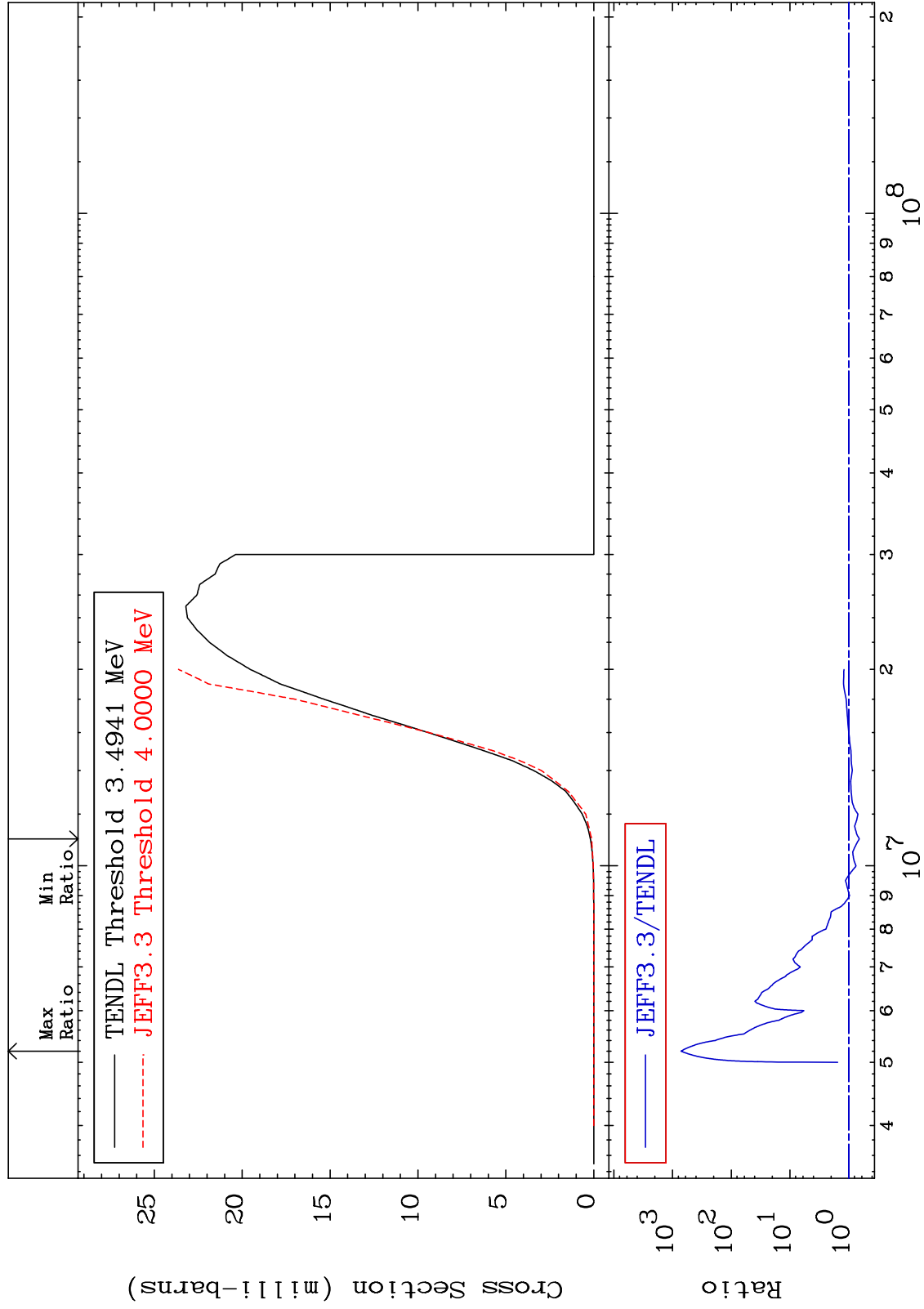
MAT 6037

(n,p)

60-Nd-146

Cross Section

-33.85 To 9999. %



60-Nd-146

Incident Energy (eV)

34

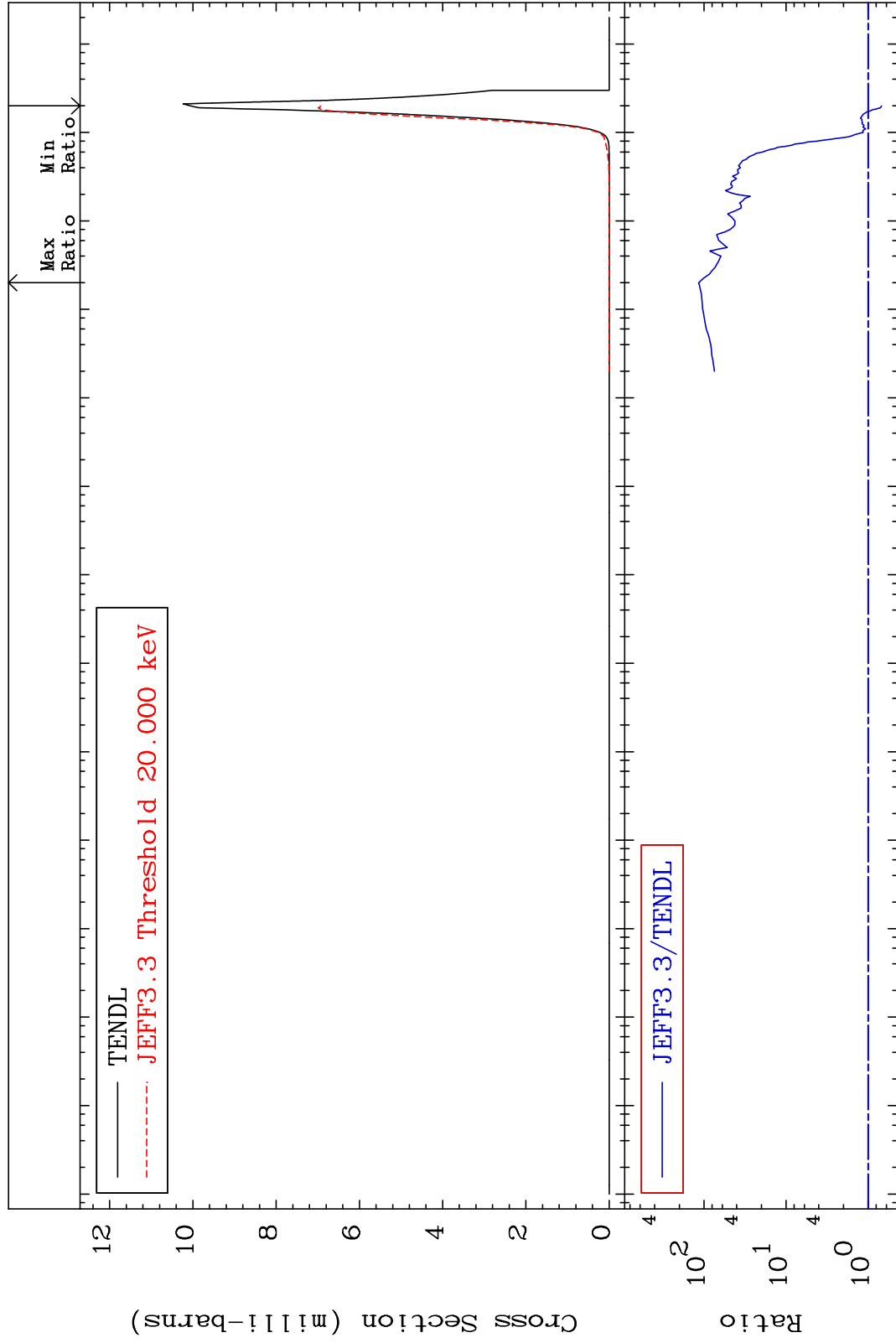
MAT 6037

(n, α)

60-Nd-146

Cross Section

-31.35 To 9999. %



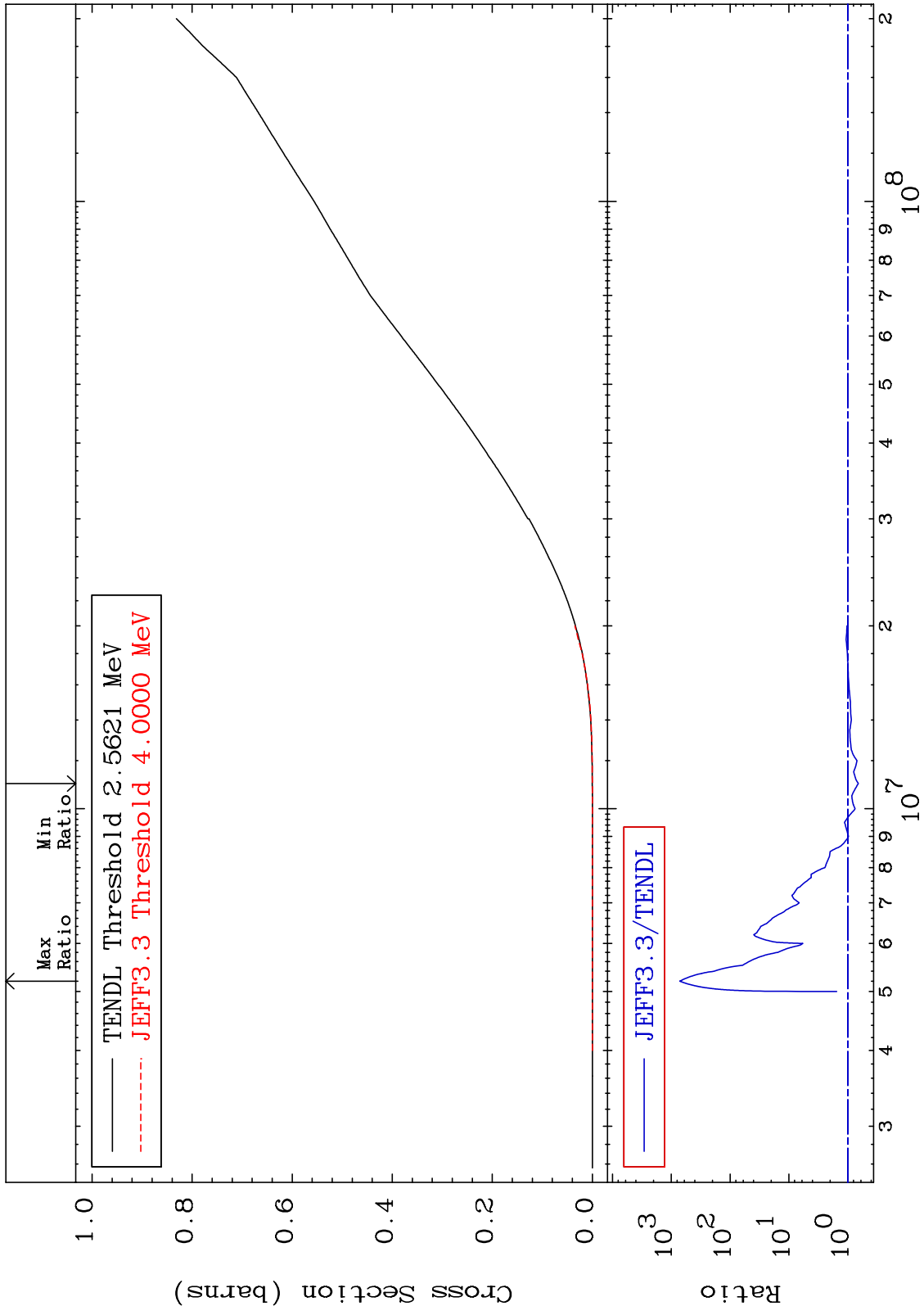
Incident Energy (eV)

60-Nd-146

MAT 6037

Hydrogen Production
Cross Section

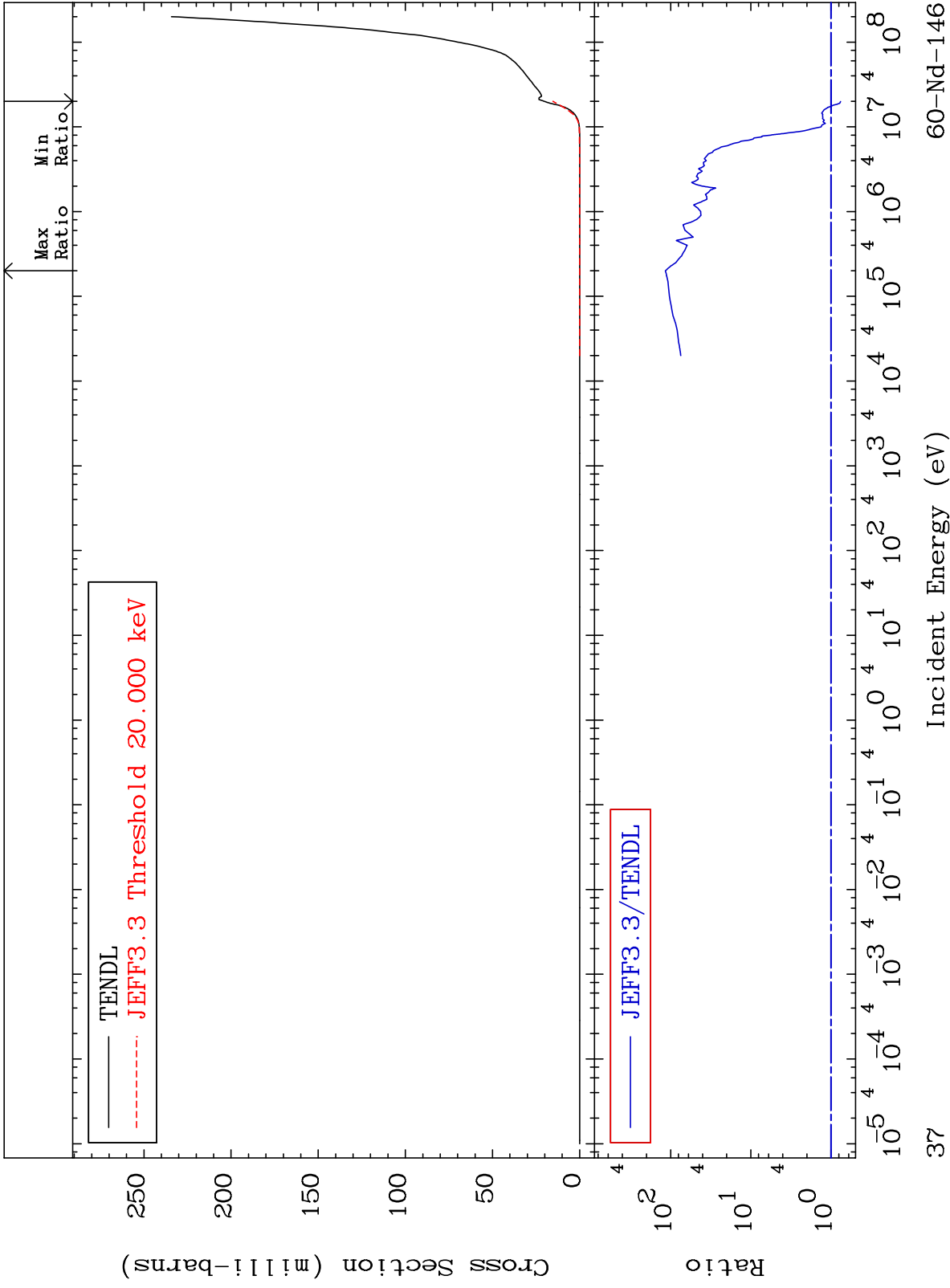
⁶⁰Nd-146
-33.85 To 9999. %



MAT 6037

He-4 Production
Cross Section

60-Nd-146
-24.08 To 9999. %



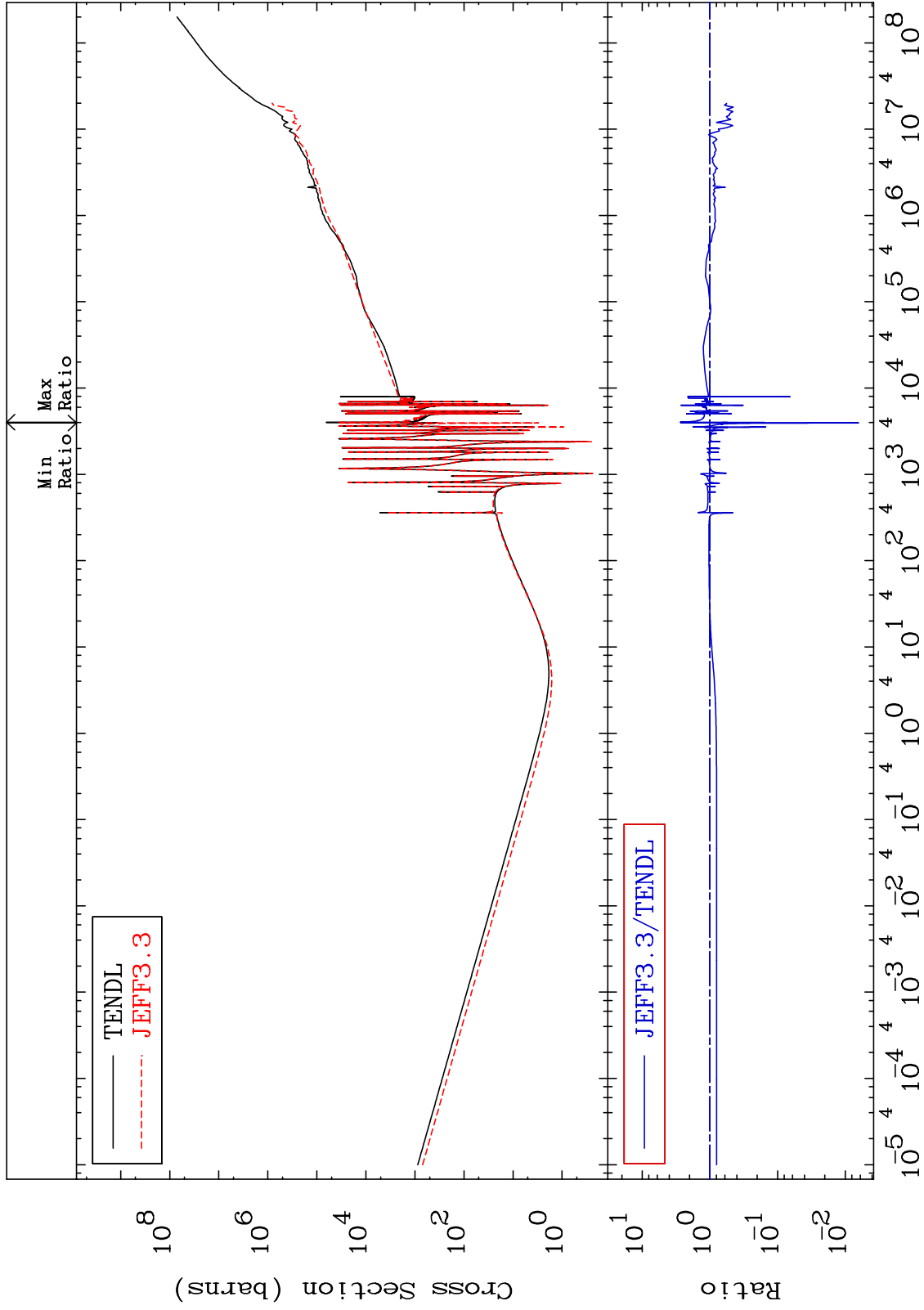
37

60-Nd-146

MAT 6037

Kerma total (eV-barns)
Cross Section

60-Nd-146
-99.36 To 176.6 %



38

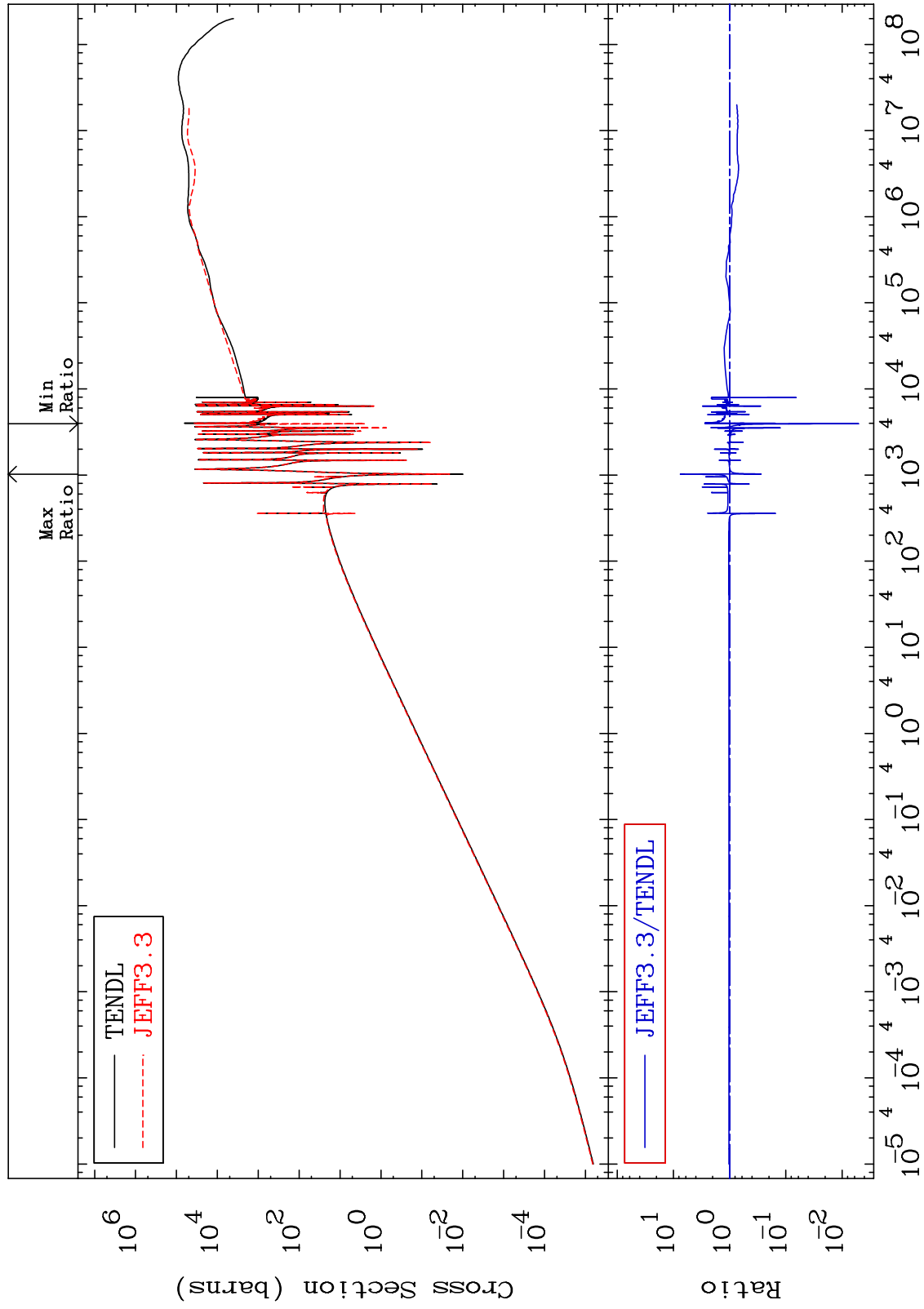
Incident Energy (eV)

60-Nd-146

MAT 6037

Kerma elastic
Cross Section

60-Nd-146
-99.49 To 649.6 %



39

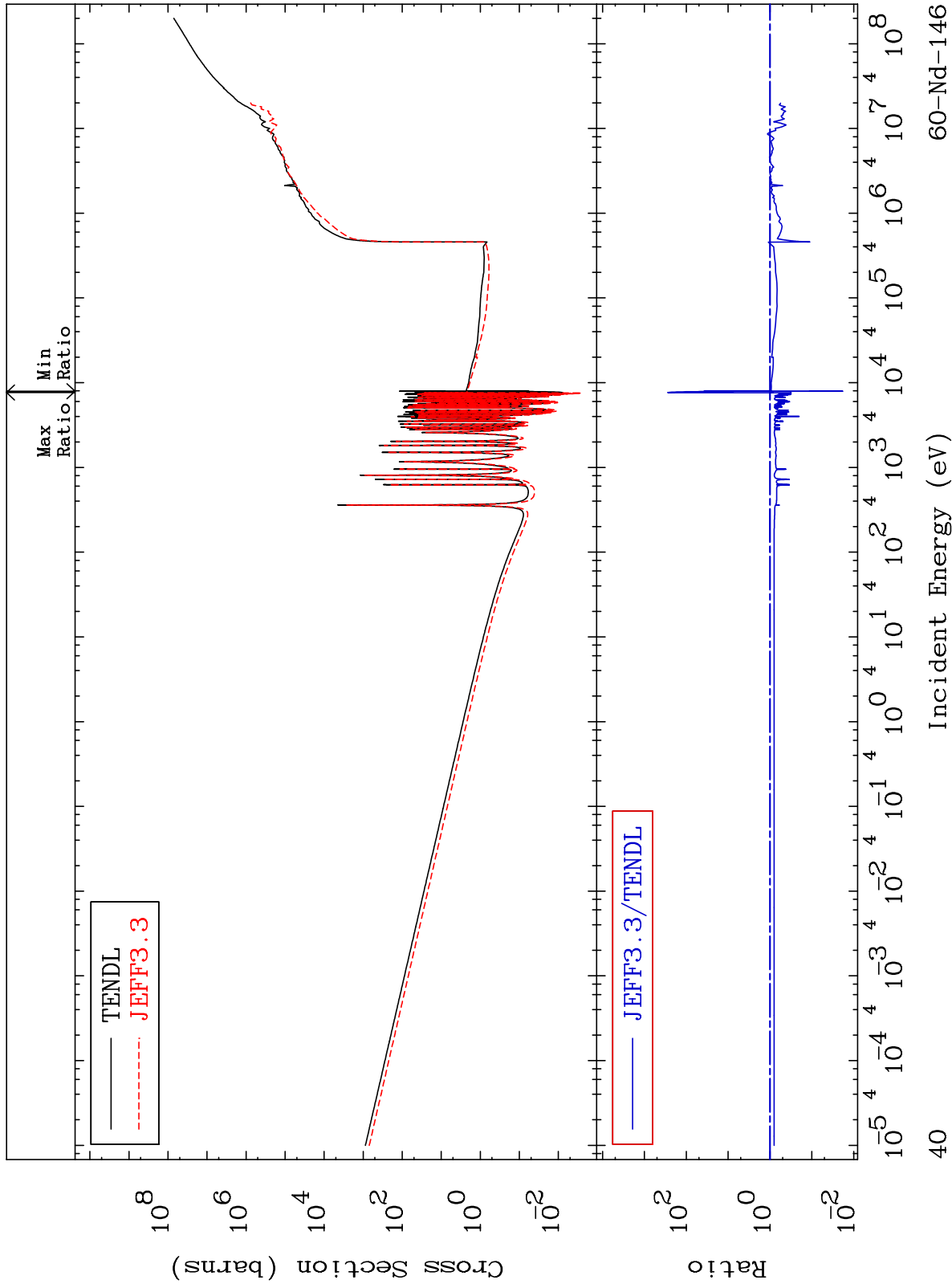
Incident Energy (eV)

60-Nd-146

MAT 6037

Kerma non-elastic (all but mt2)
Cross Section

60-Nd-146
-98.16 To 9999. %



40

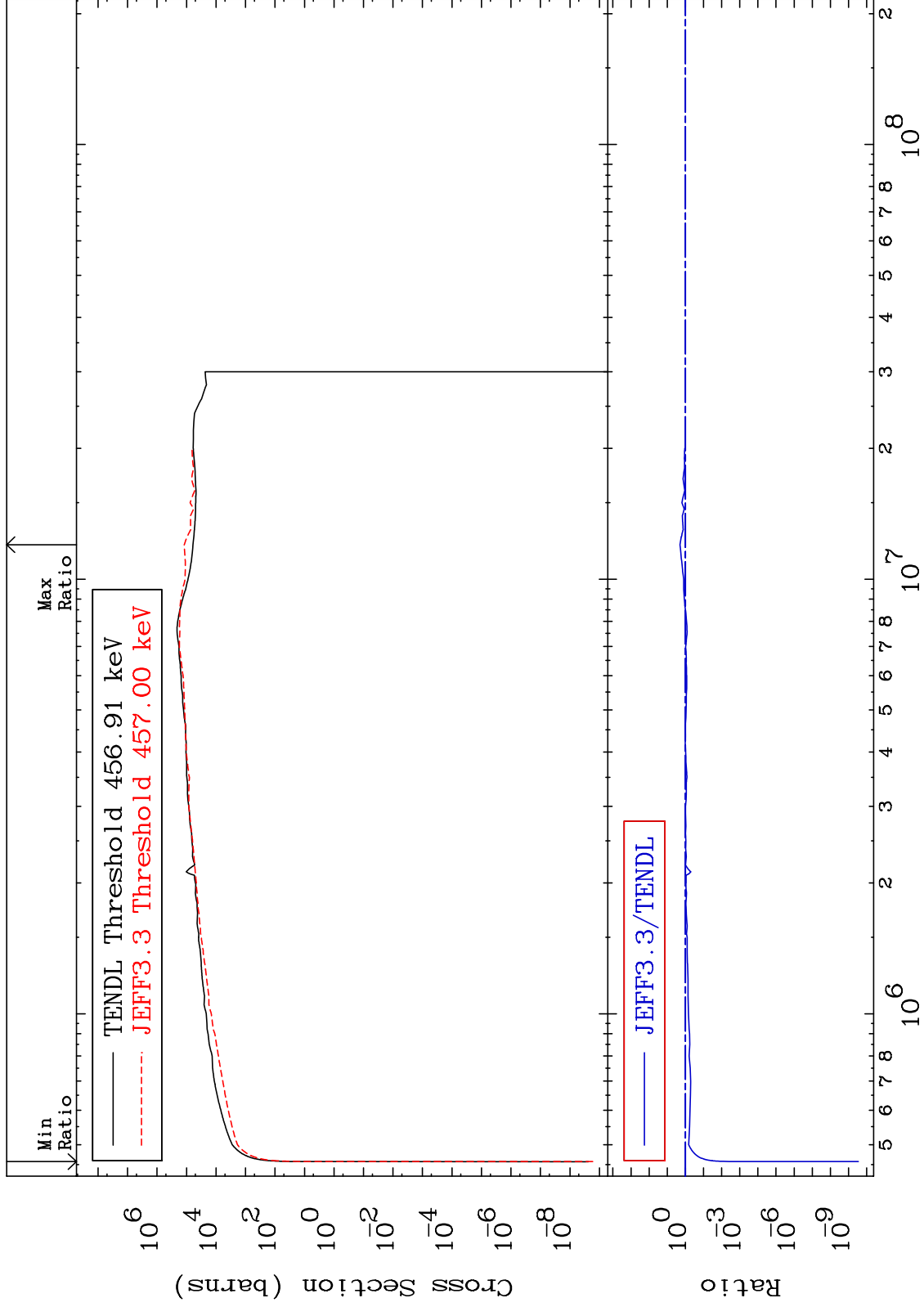
Incident Energy (eV)

60-Nd-146

MAT 6037

Kerma inelastic (mt51-91)
Cross Section

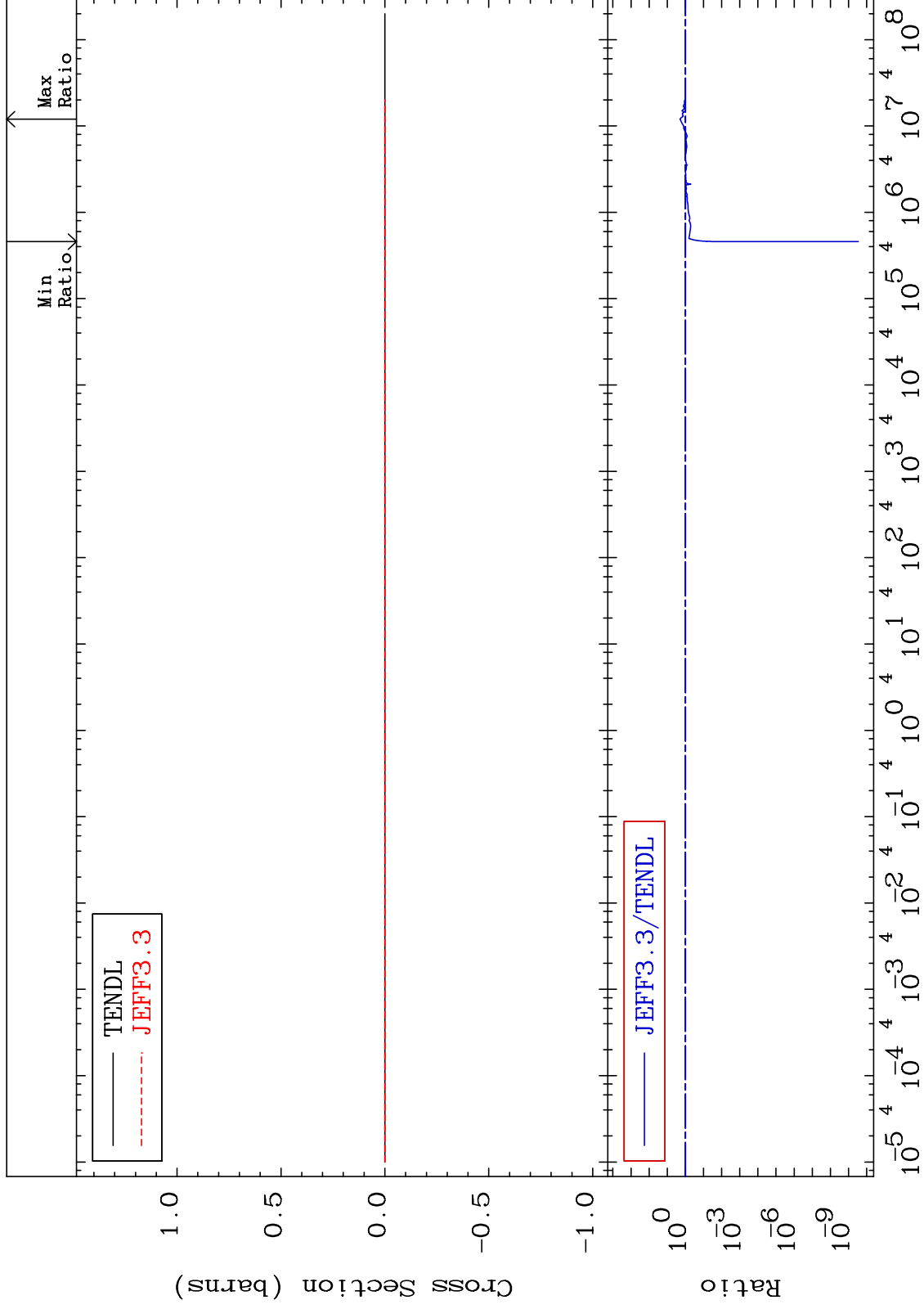
60-Nd-146
-100.0 To 97.76 %



MAT 6037

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

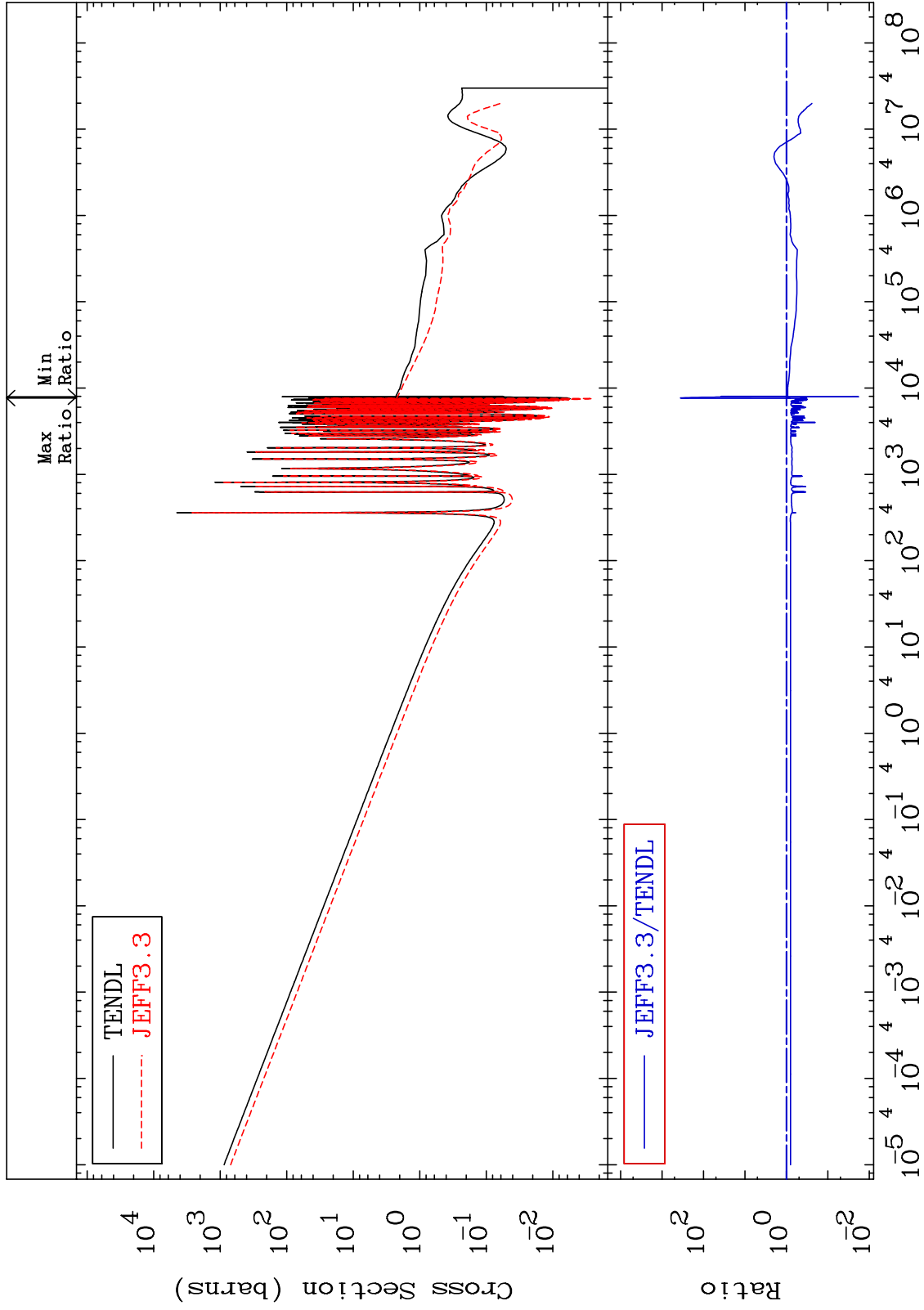
60-Nd-146
-100.0 To 97.76 %



MAT 6037

Kerma capture (mt102)
Cross Section

60-Nd-146
-98.16 To 9999. %



43

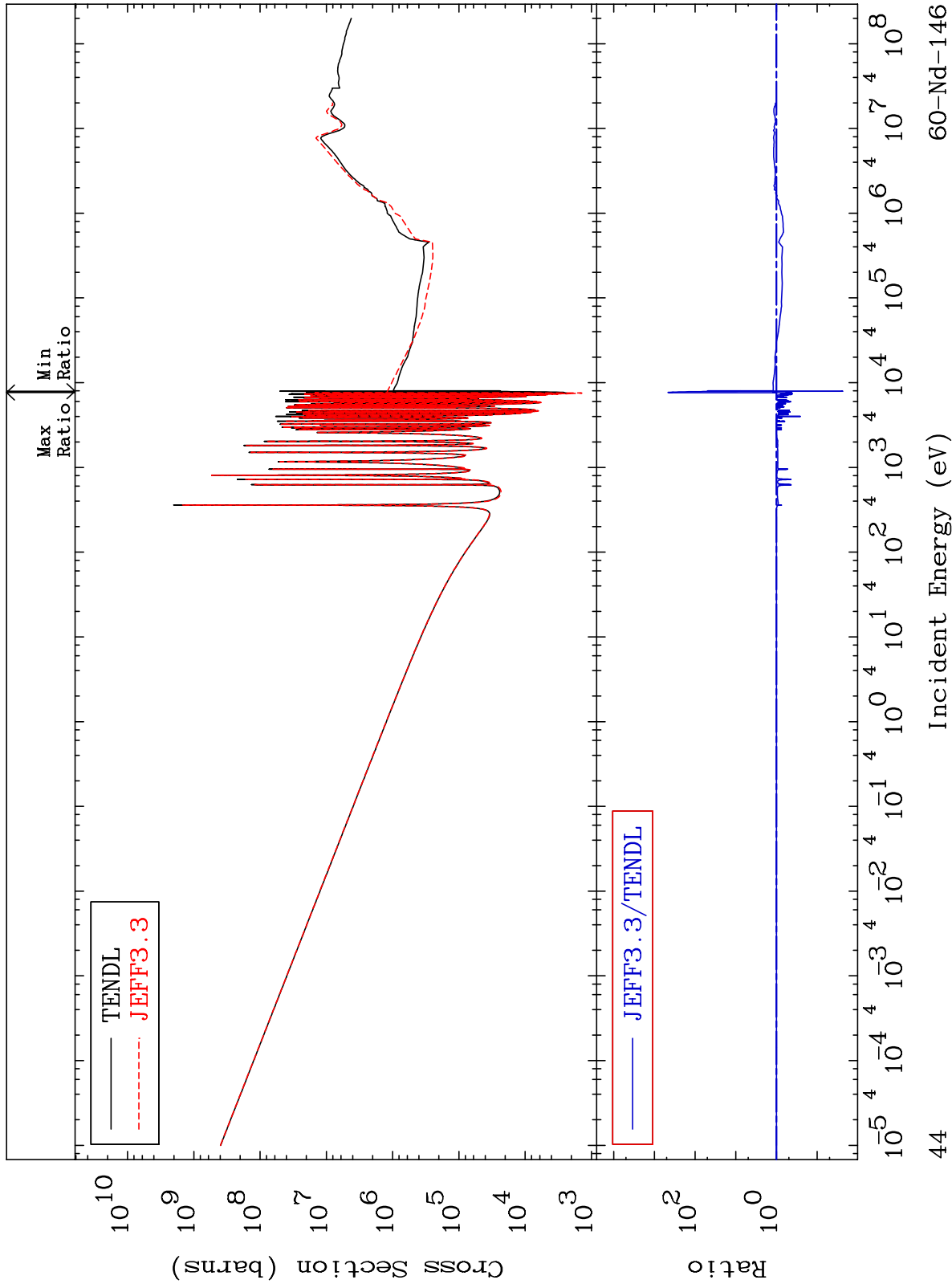
Incident Energy (eV)

60-Nd-146

MAT 6037

Total photon (eV-barns)
Cross Section

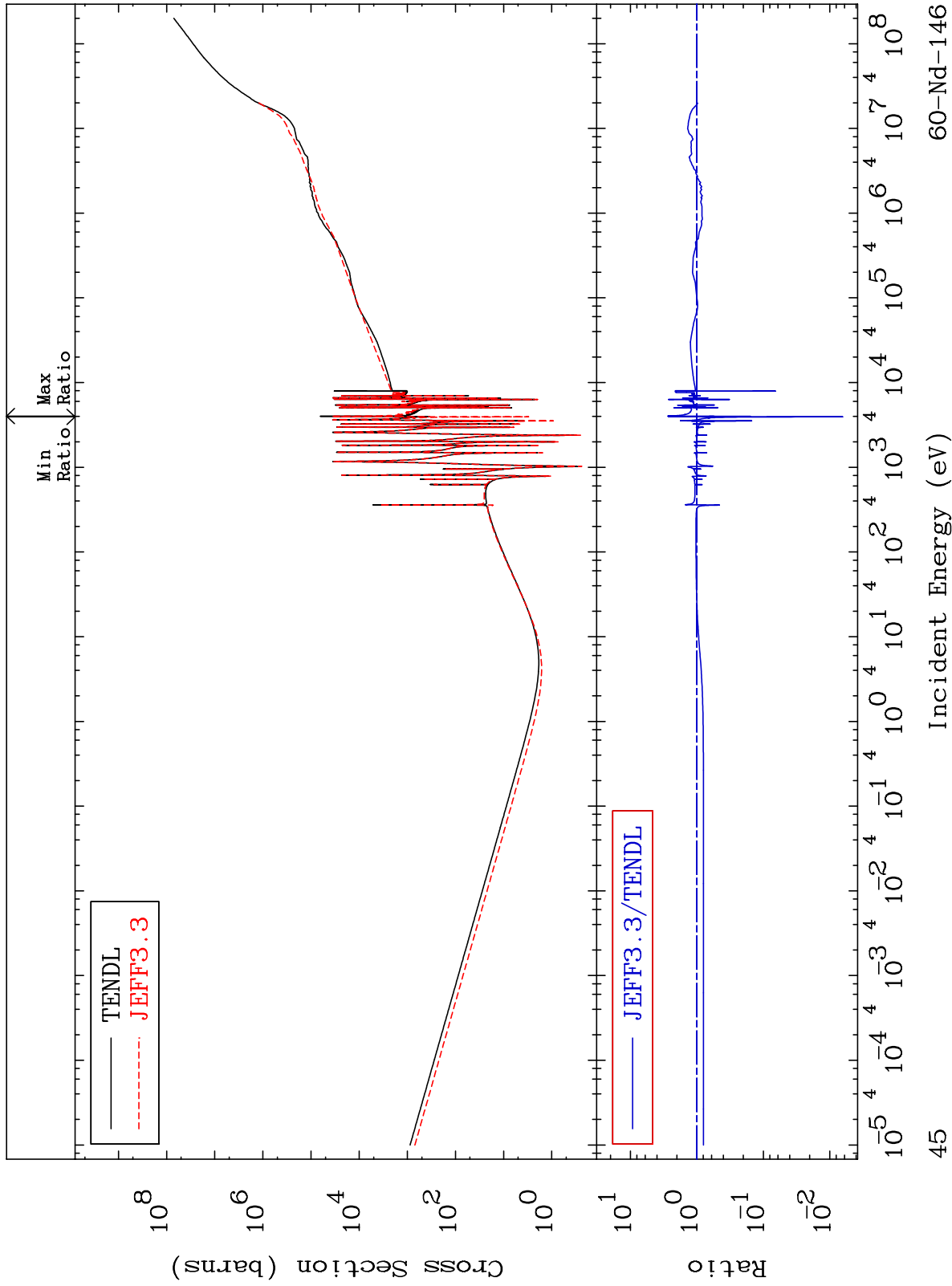
60-Nd-146
-97.63 To 9999. %



MAT 6037

Total kinematic kerma (high limit)
Cross Section

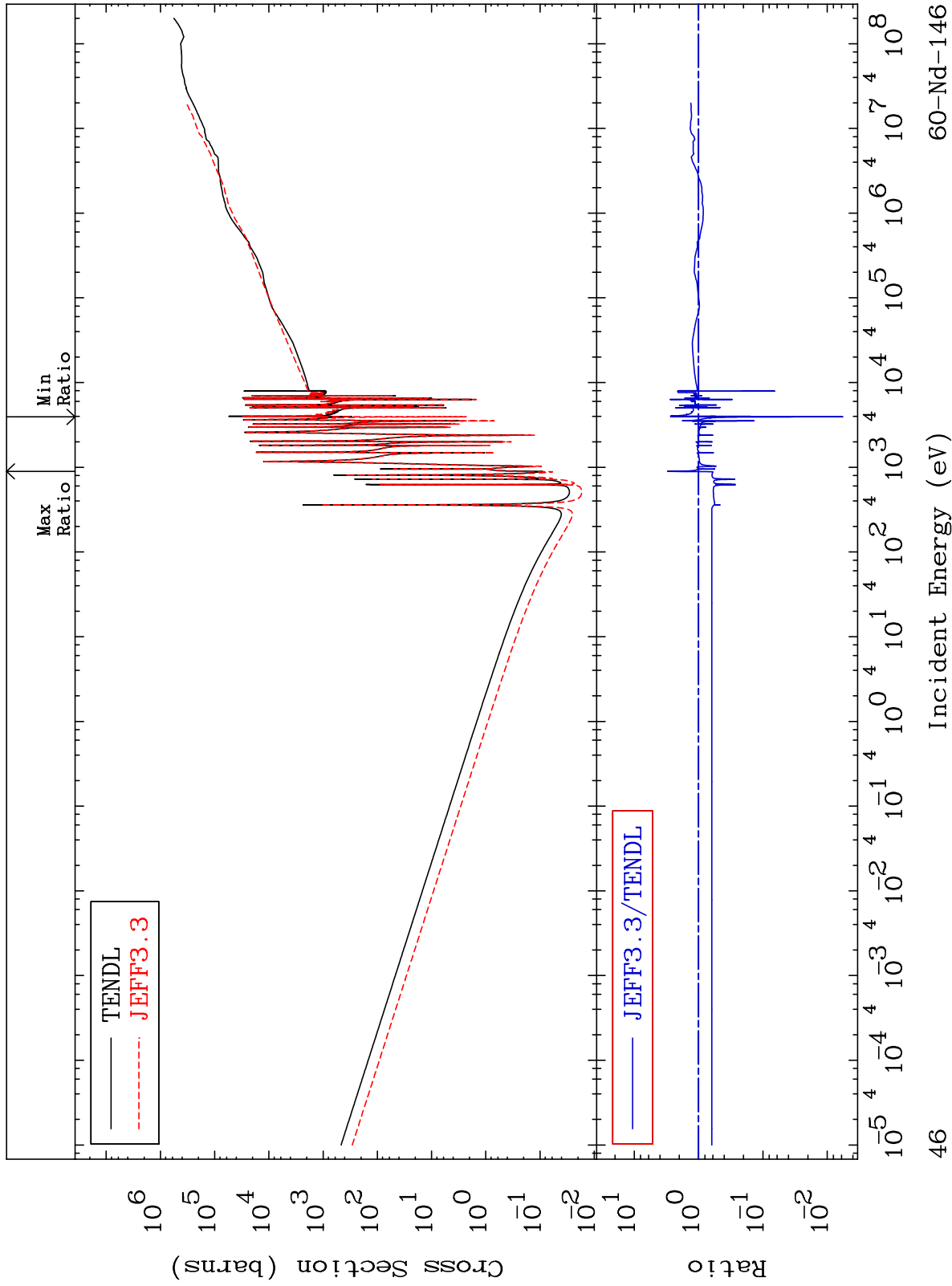
60-Nd-146
-99.36 To 176.6 %



MAT 6037

Dpa total (eV-barns)
Cross Section

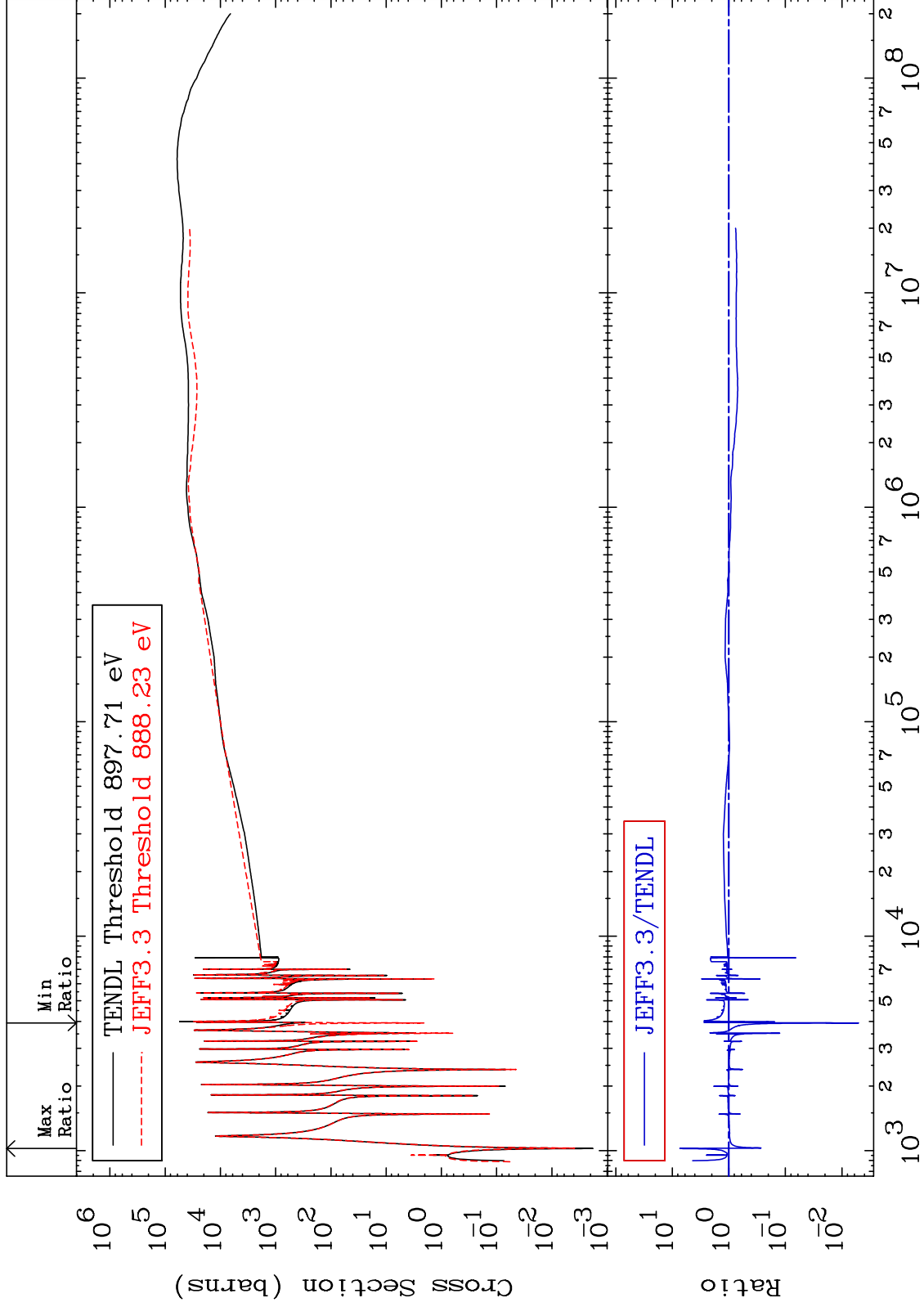
60-Nd-146
-99.42 To 204.2 %



MAT 6037

Dpa elastic (mt2)
Cross Section

60-Nd-146
-99.49 To 631.7 %



47

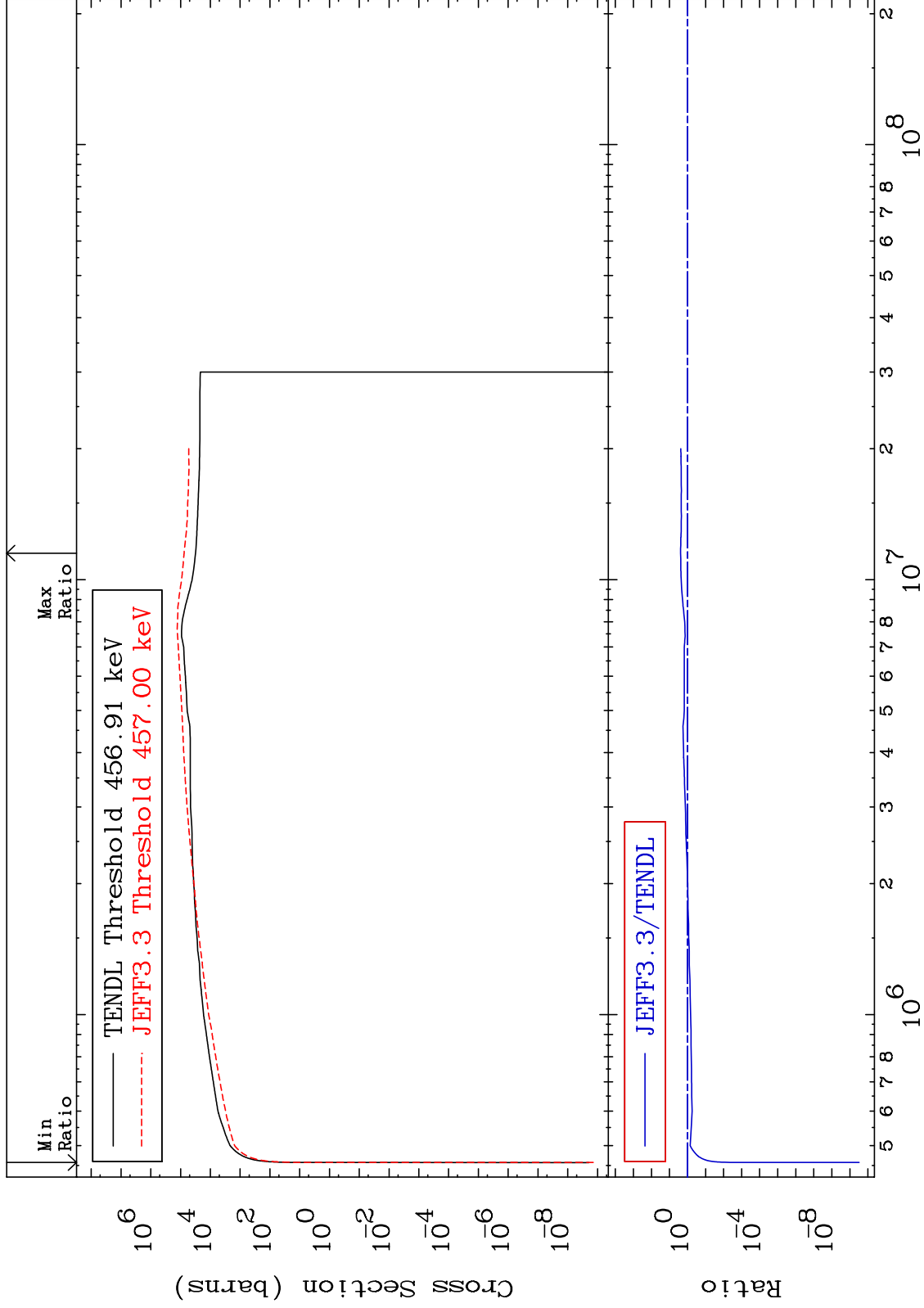
Incident Energy (eV)

60-Nd-146

MAT 6037

Dpa inelastic (mt51-91)
Cross Section

60-Nd-146
-100.0 To 141.0 %



MAT 6037

Dpa disappearance (mt102 -120)
Cross Section

60-Nd-146
-98.55 To 9999. %

