

Program Complot
(Version 2018-1)

by

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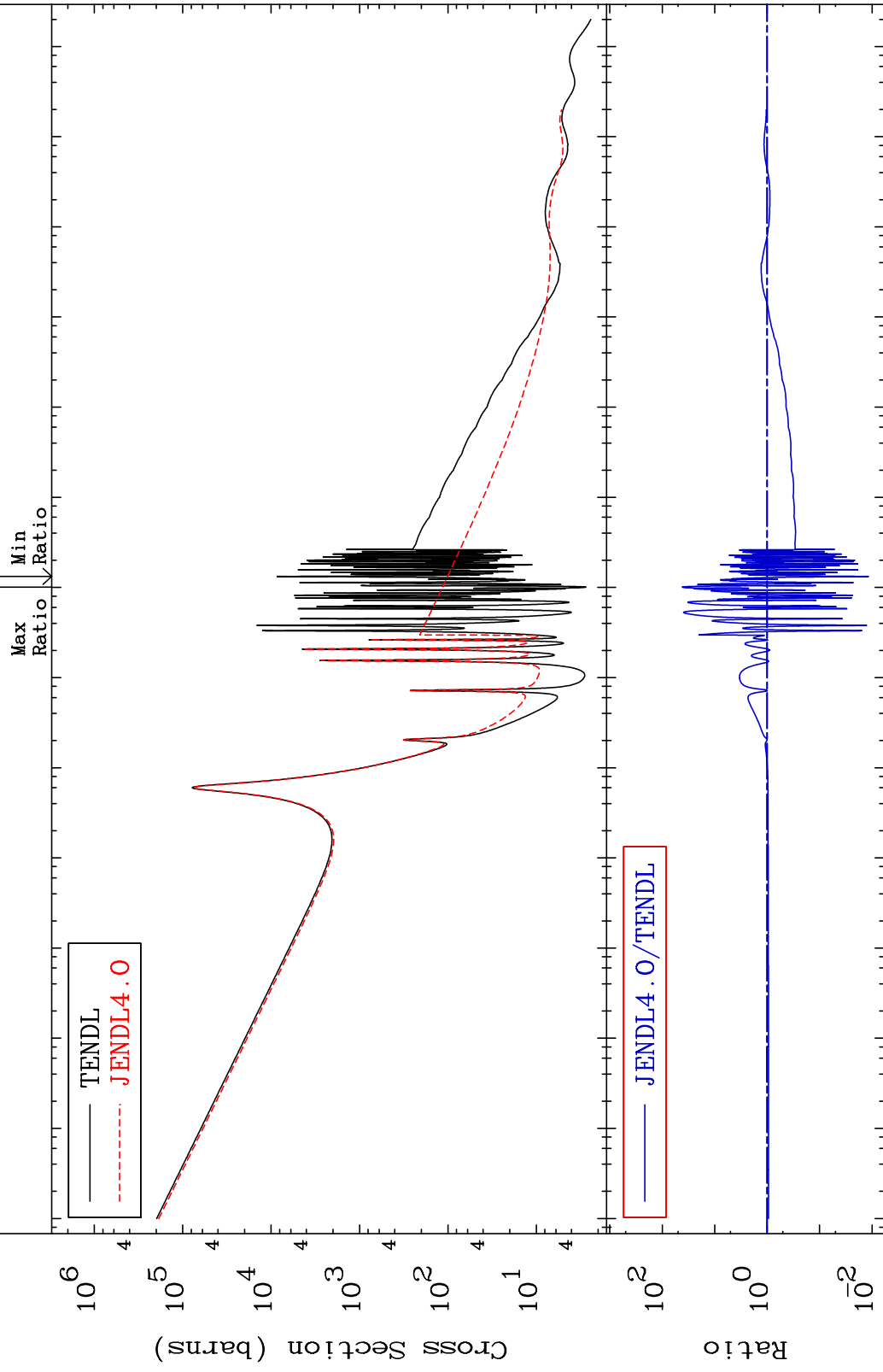
Press Mouse Button to Start

MAT 6337

63-Eu-155

-98.82 To 4099. %

Total
Cross Section



63-Eu-155

Incident Energy (eV)

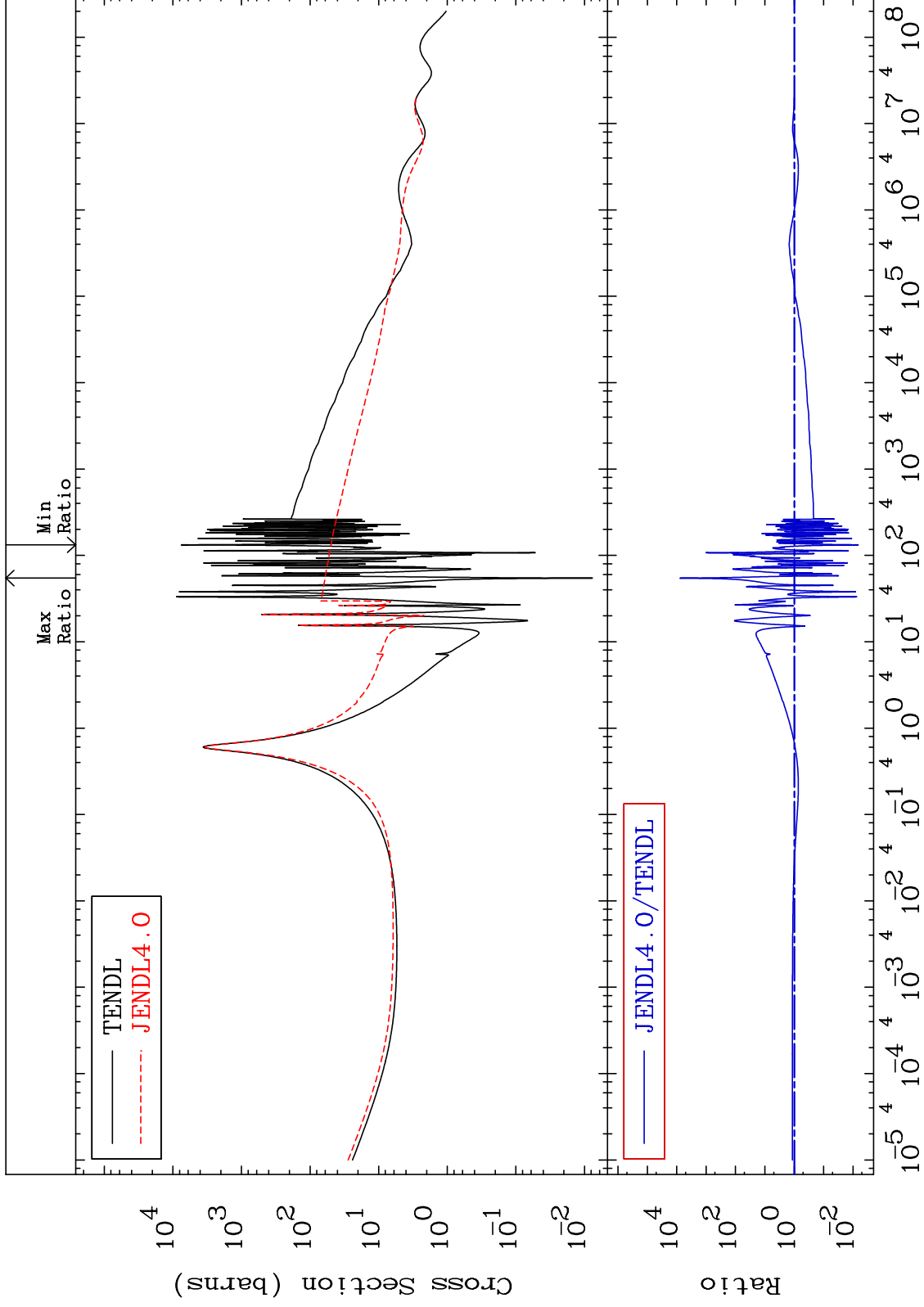
MAT 6337

Elastic

63-Eu-155

Cross Section

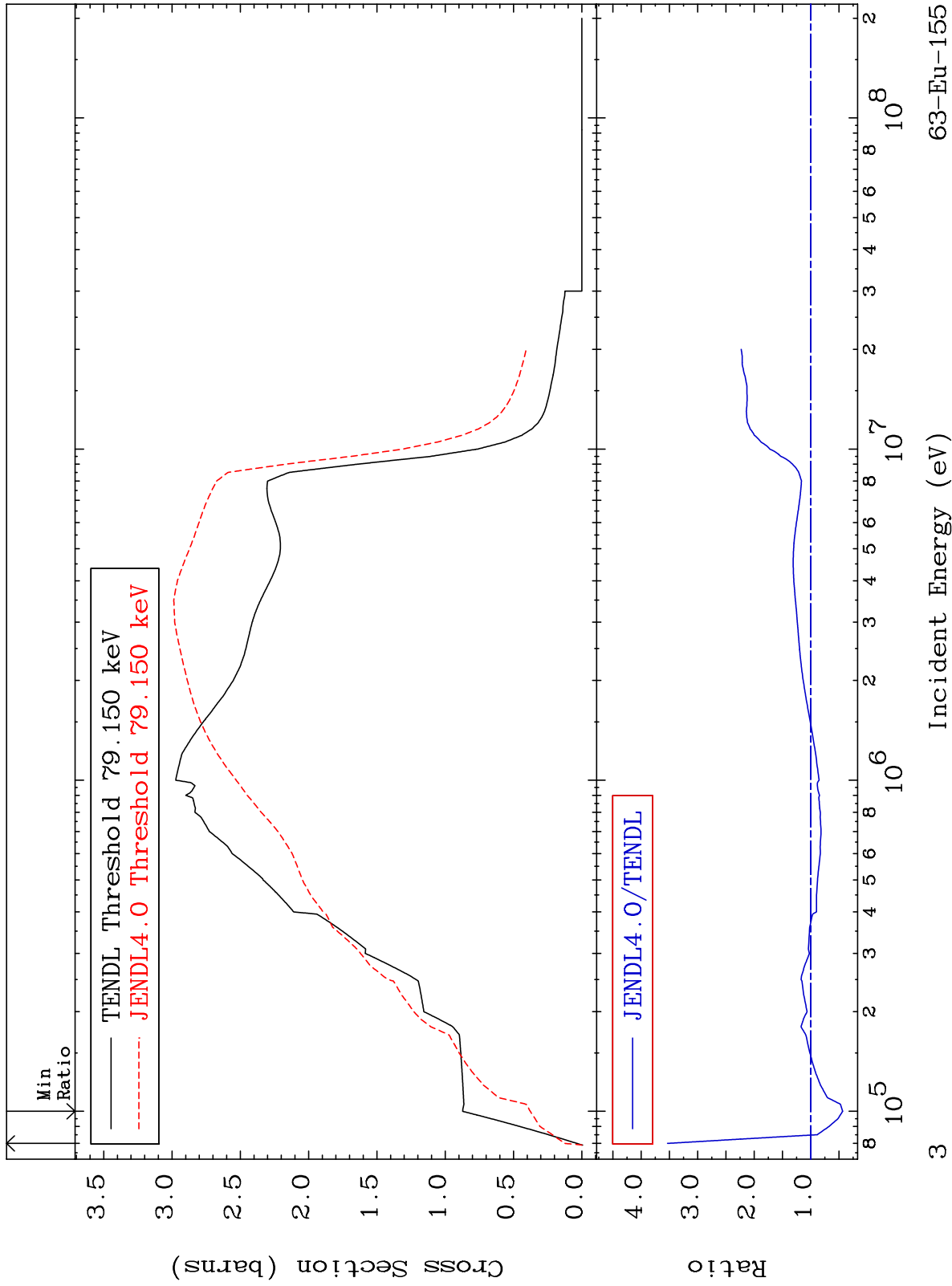
-99.34 To 9999. %



— TENDL
- - - JENDL4.0

— JENDL4.0/TENDL

MAT 6337 Inelastic Cross Section 63-Eu-155 -56.70 To 253.2 %



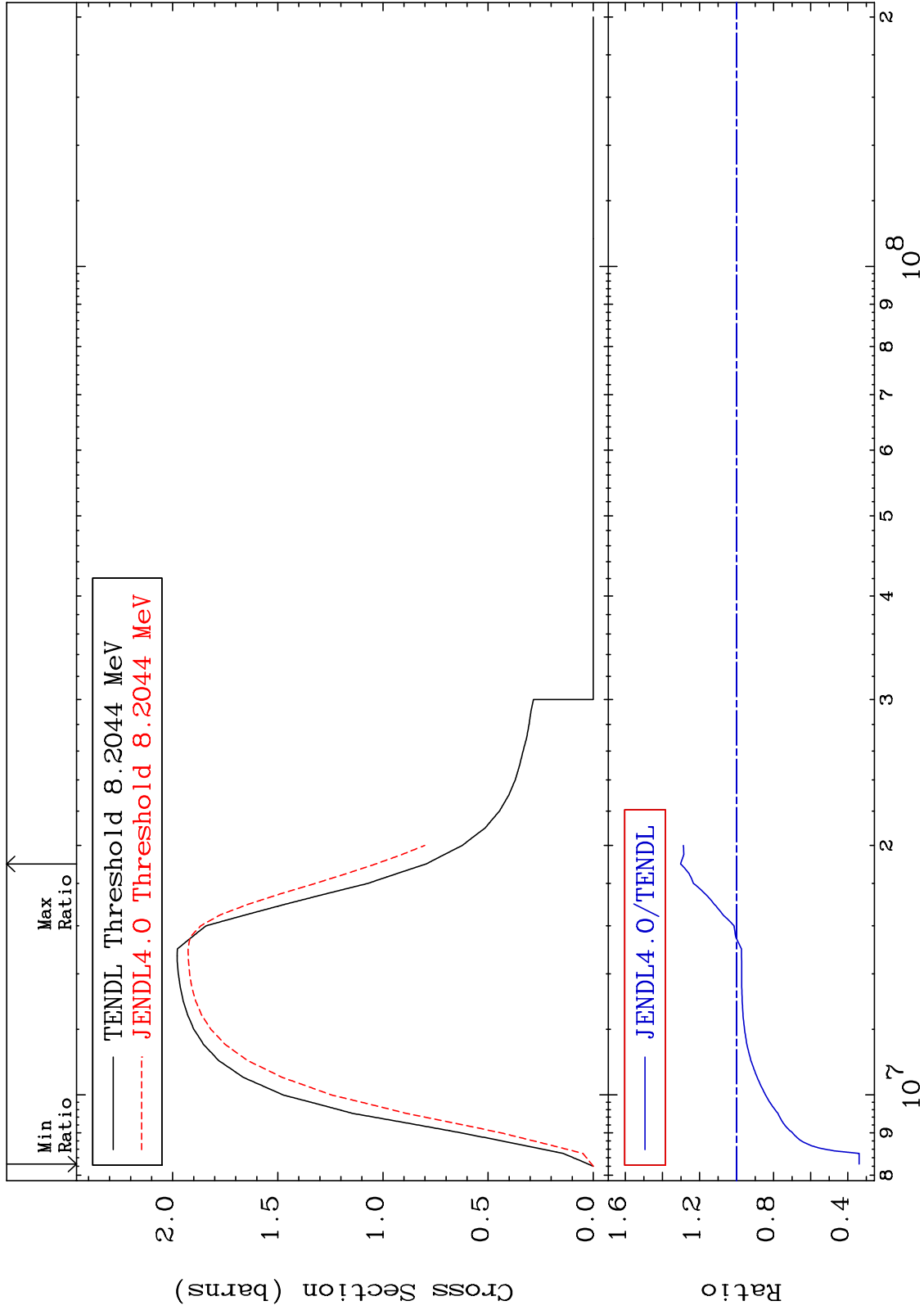
MAT 6337

(n,2n)

63-Eu-155

Cross Section

-66.12 To 30.17 %



4

Incident Energy (eV)

63-Eu-155

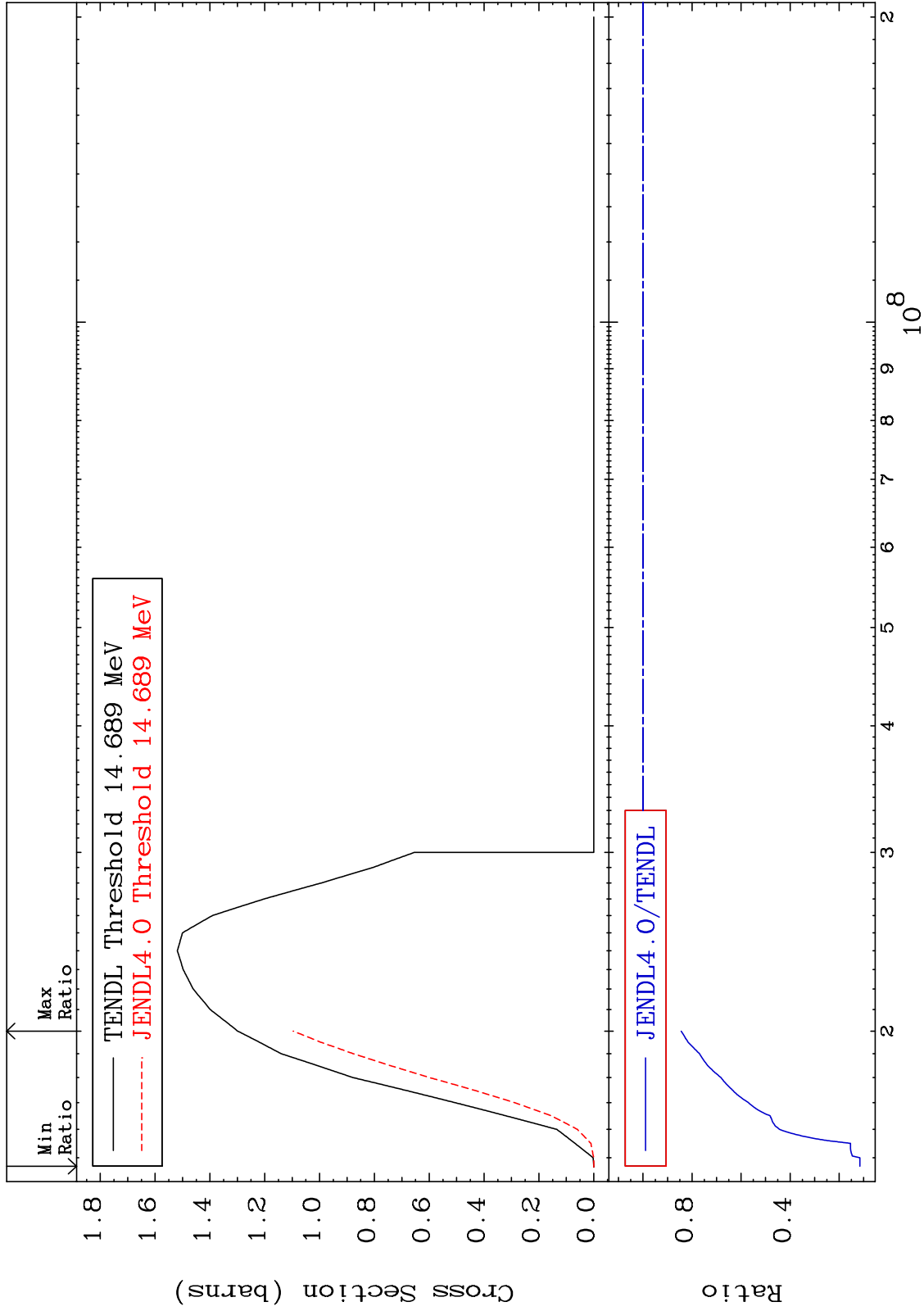
MAT 6337

(n,3n)

63-Eu-155

Cross Section

-88.50 To -15.59%



5

Incident Energy (eV)

63-Eu-155

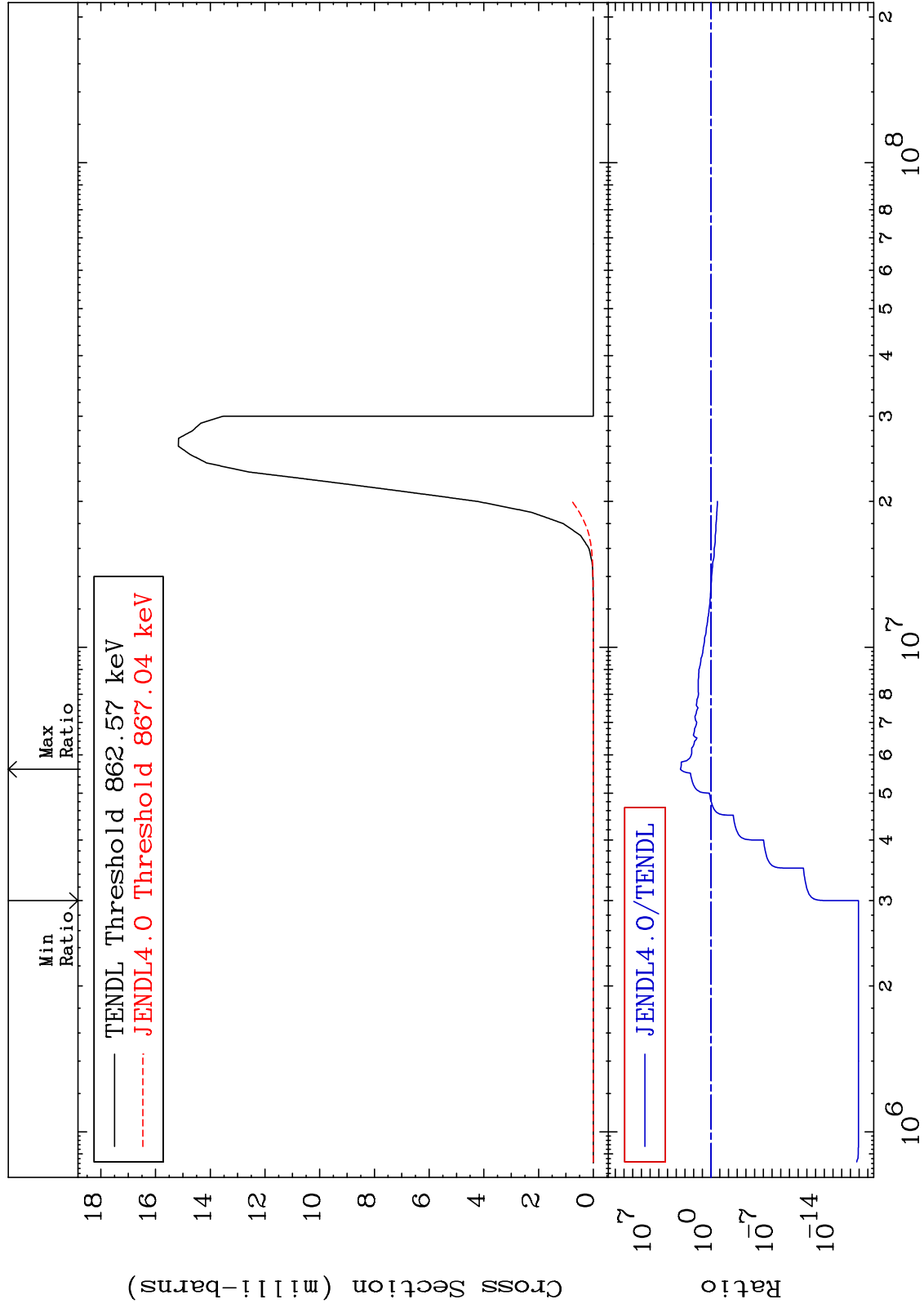
MAT 6337

(n, n') α

63-Eu-155

-100.0 To 9999. %

Cross Section



6

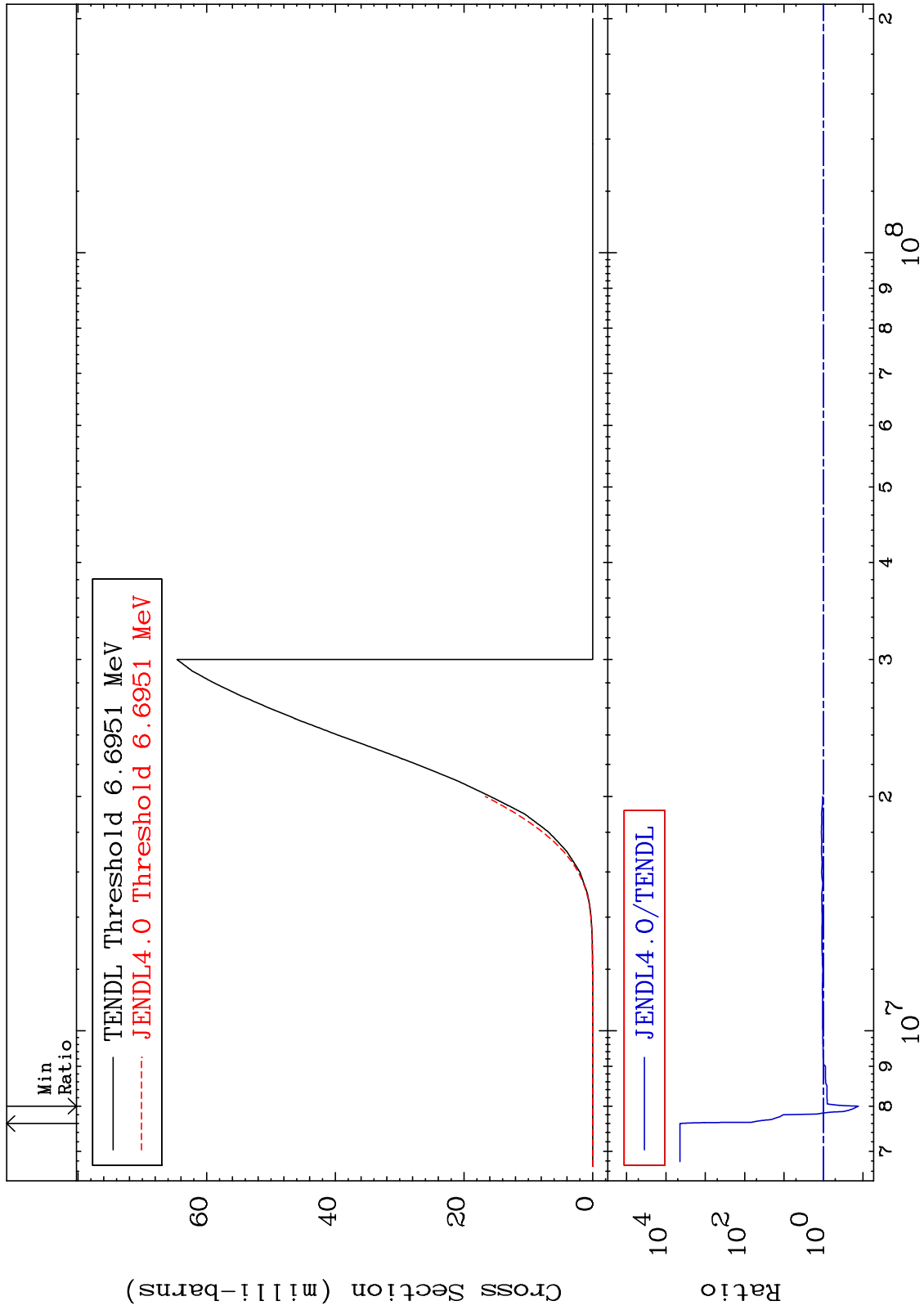
Incident Energy (eV)

63-Eu-155

MAT 6337

(n,n') p
Cross Section

63-Eu-155
-87.01 To 9999. %



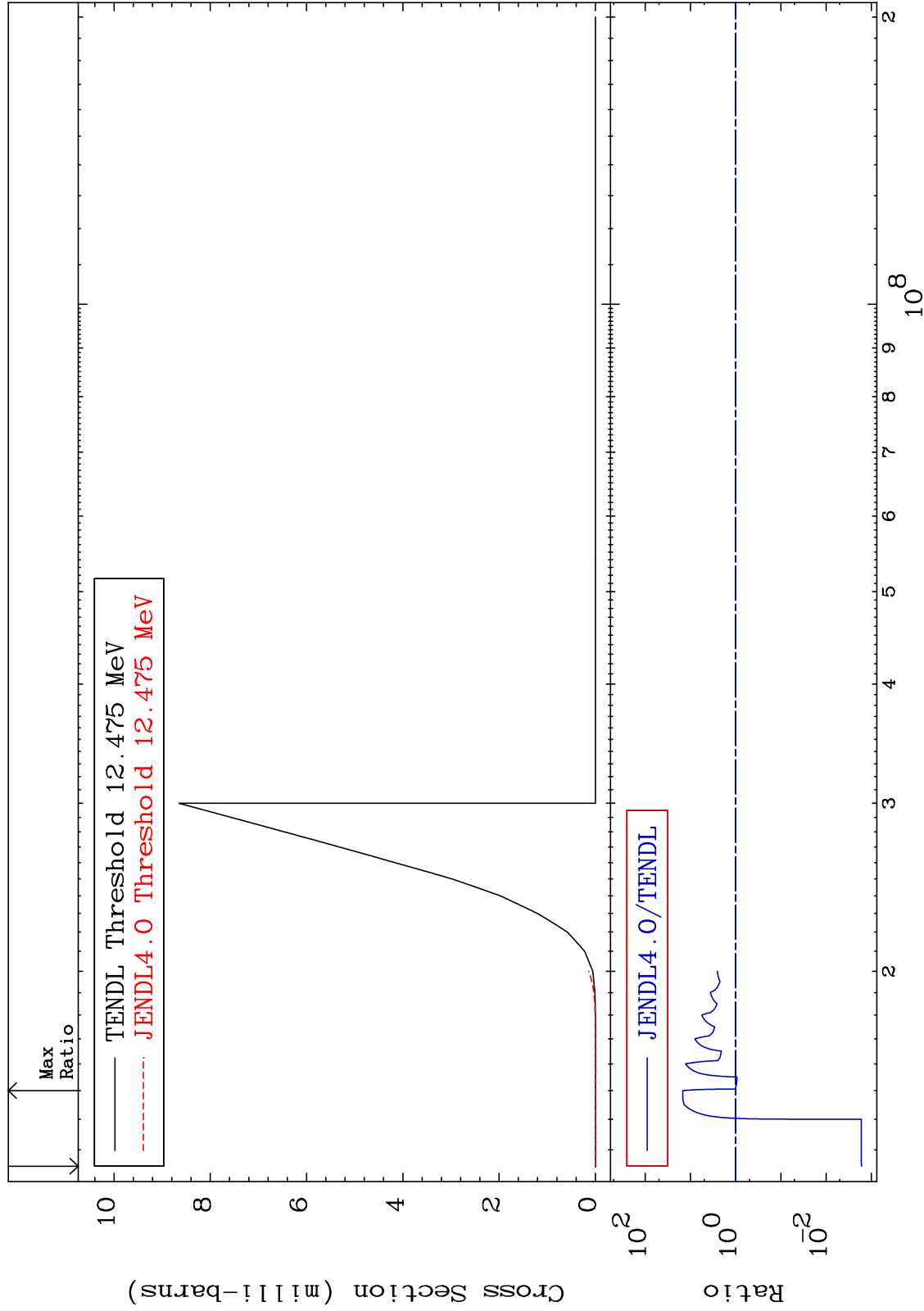
MAT 6337

(n,n') d

63-Eu-155

Cross Section

-99.84 To 1377. %



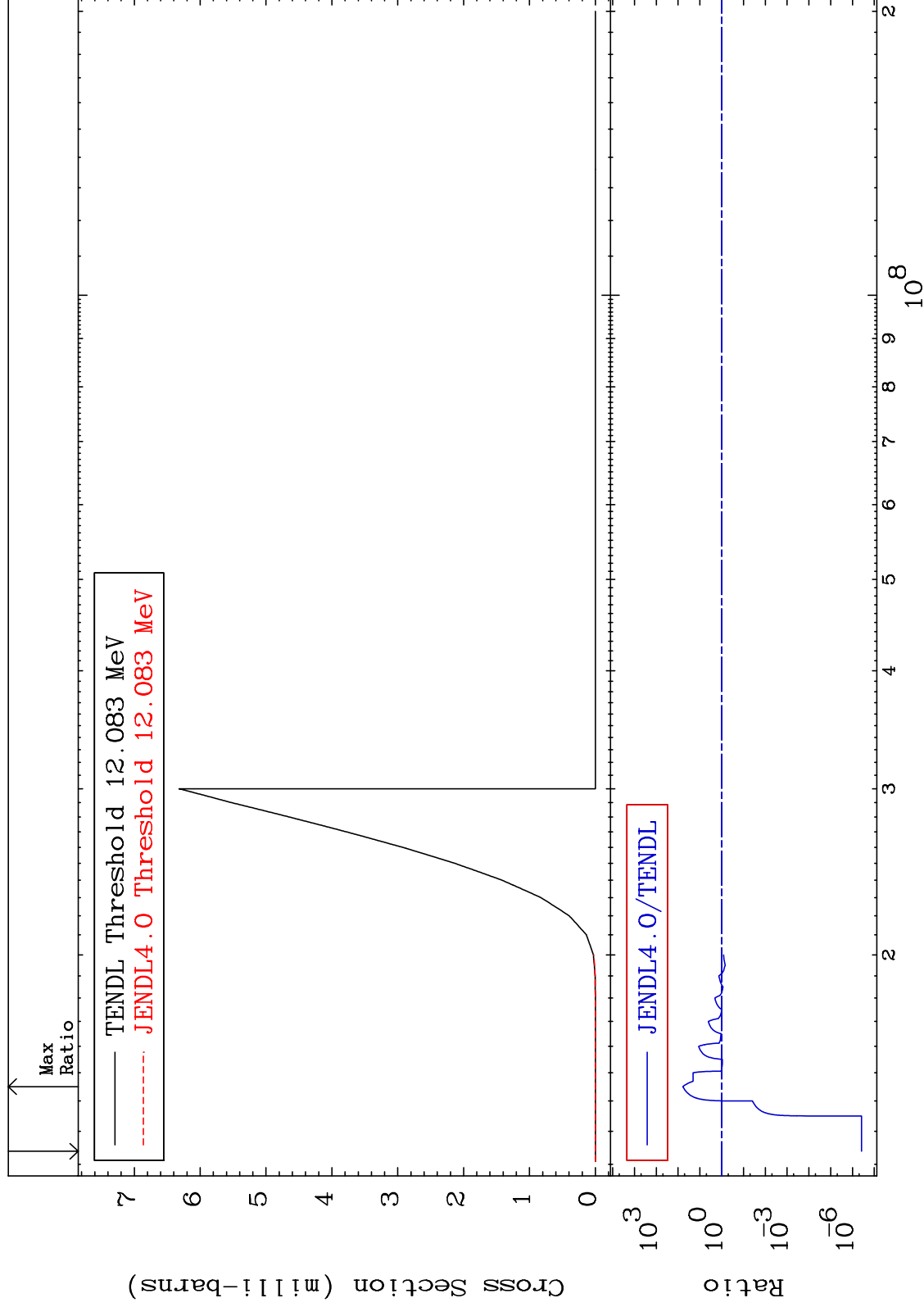
MAT 6337

(n,n') t

63-Eu-155

Cross Section

-100.0 To 5939. %



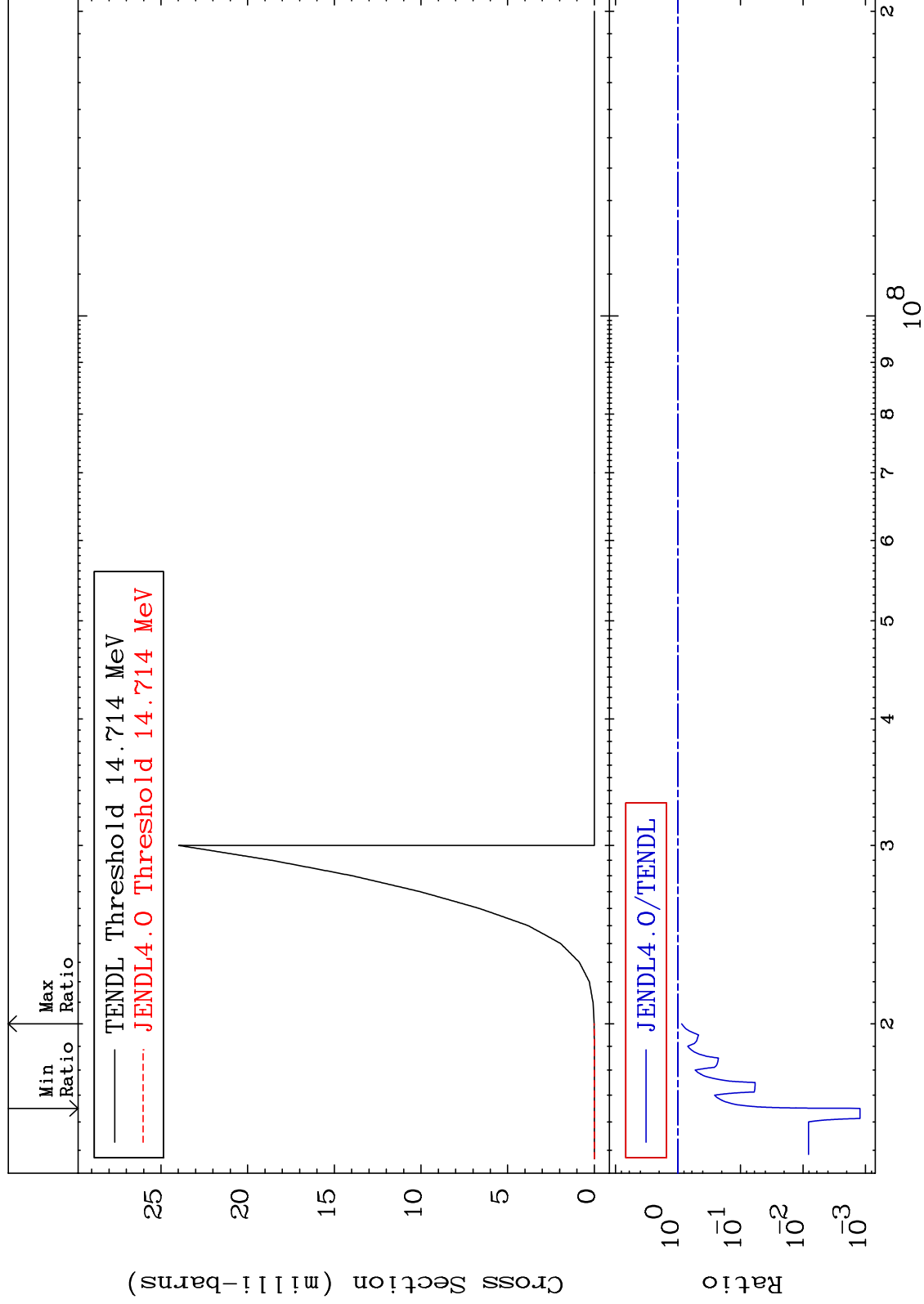
MAT 6337

(n,2n) p

63-Eu-155

Cross Section

-99.88 To -12.77%



10

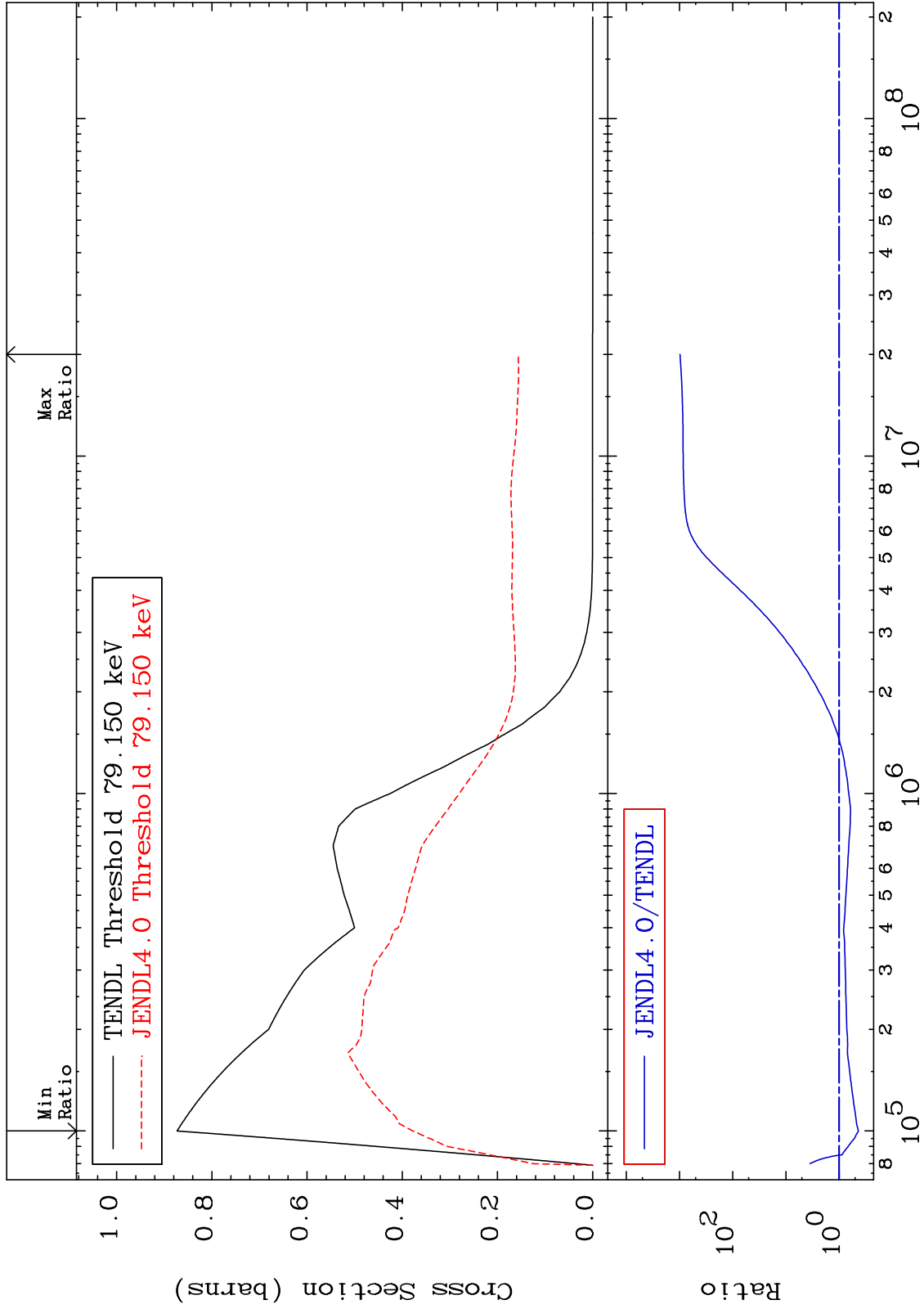
Incident Energy (eV)

63-Eu-155

MAT 6337

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

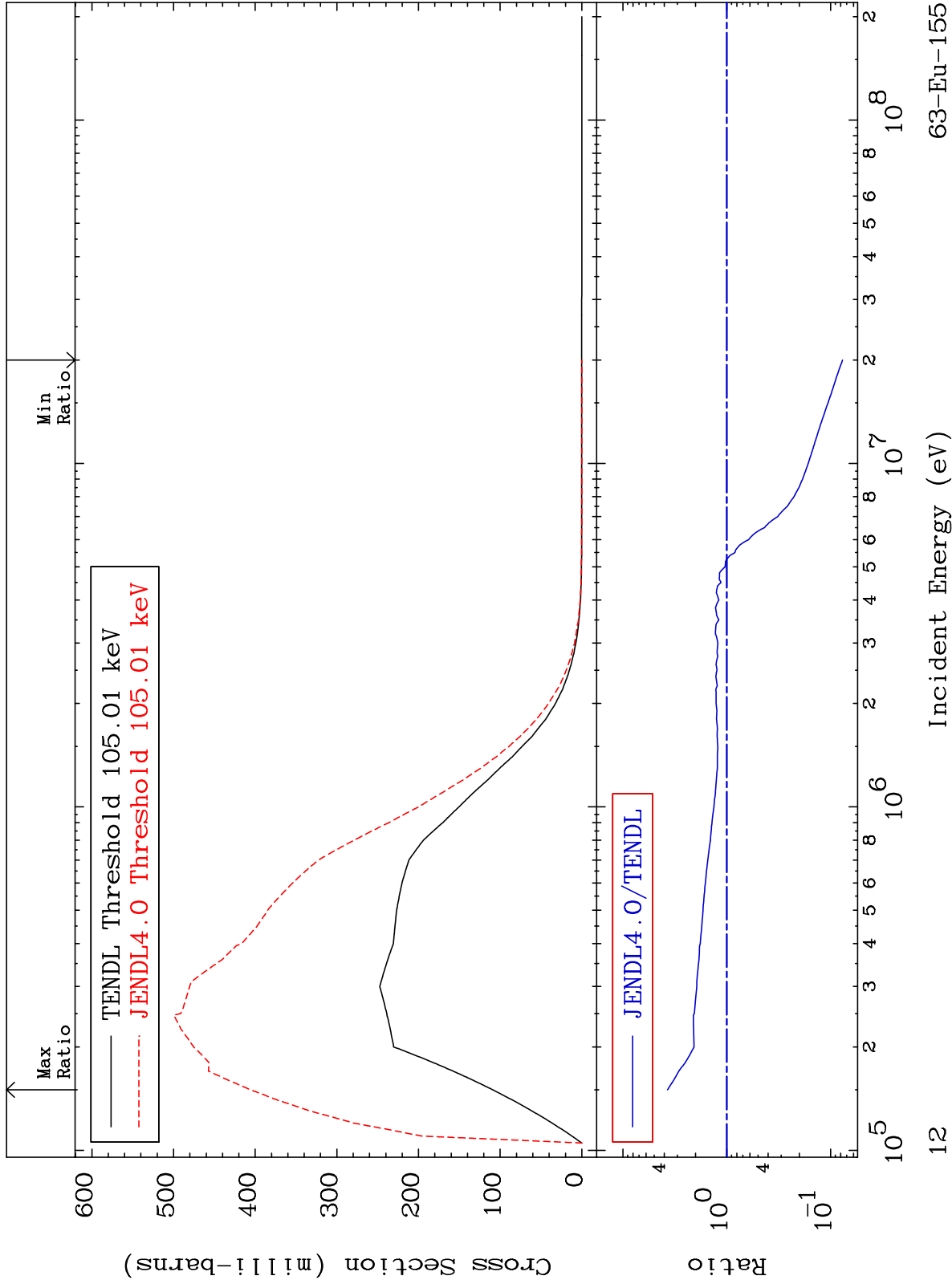
63-Eu-155
-56.70 To 9999. %



MAT 6337

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

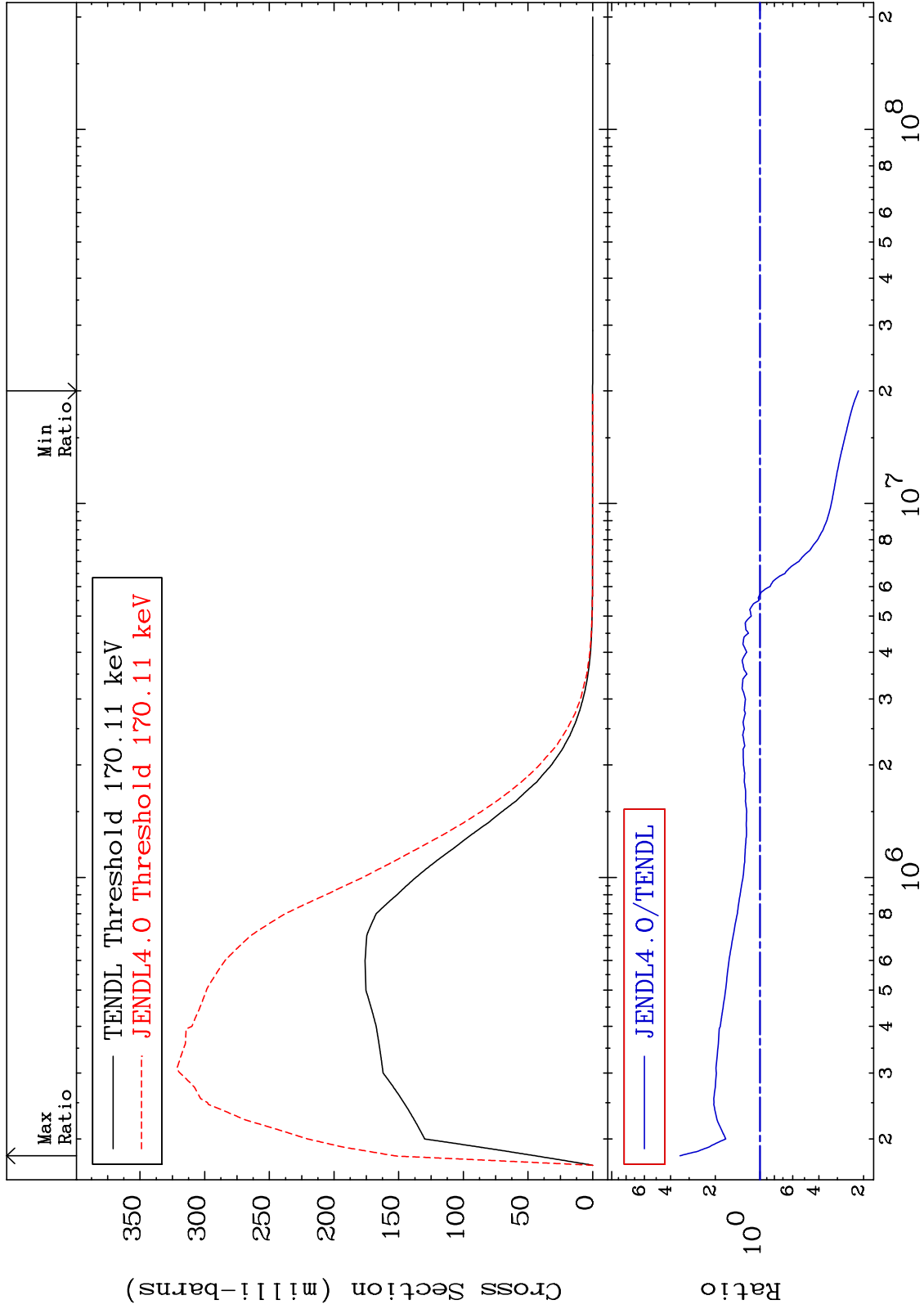
63-Eu-155
-92.35 To 271.8 %



MAT 6337

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

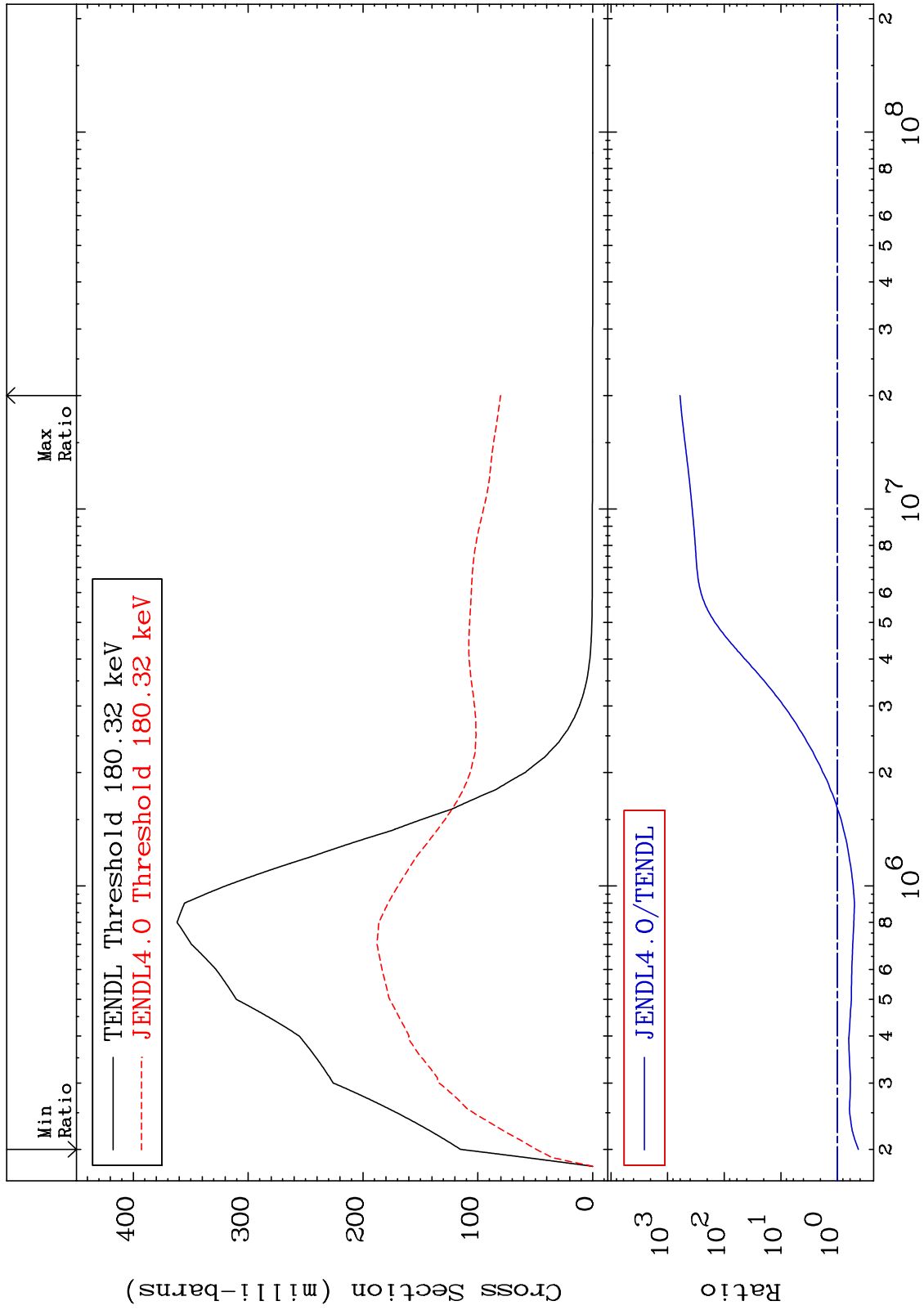
63-Eu-155
-78.33 To 245.7 %



MAT 6337

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

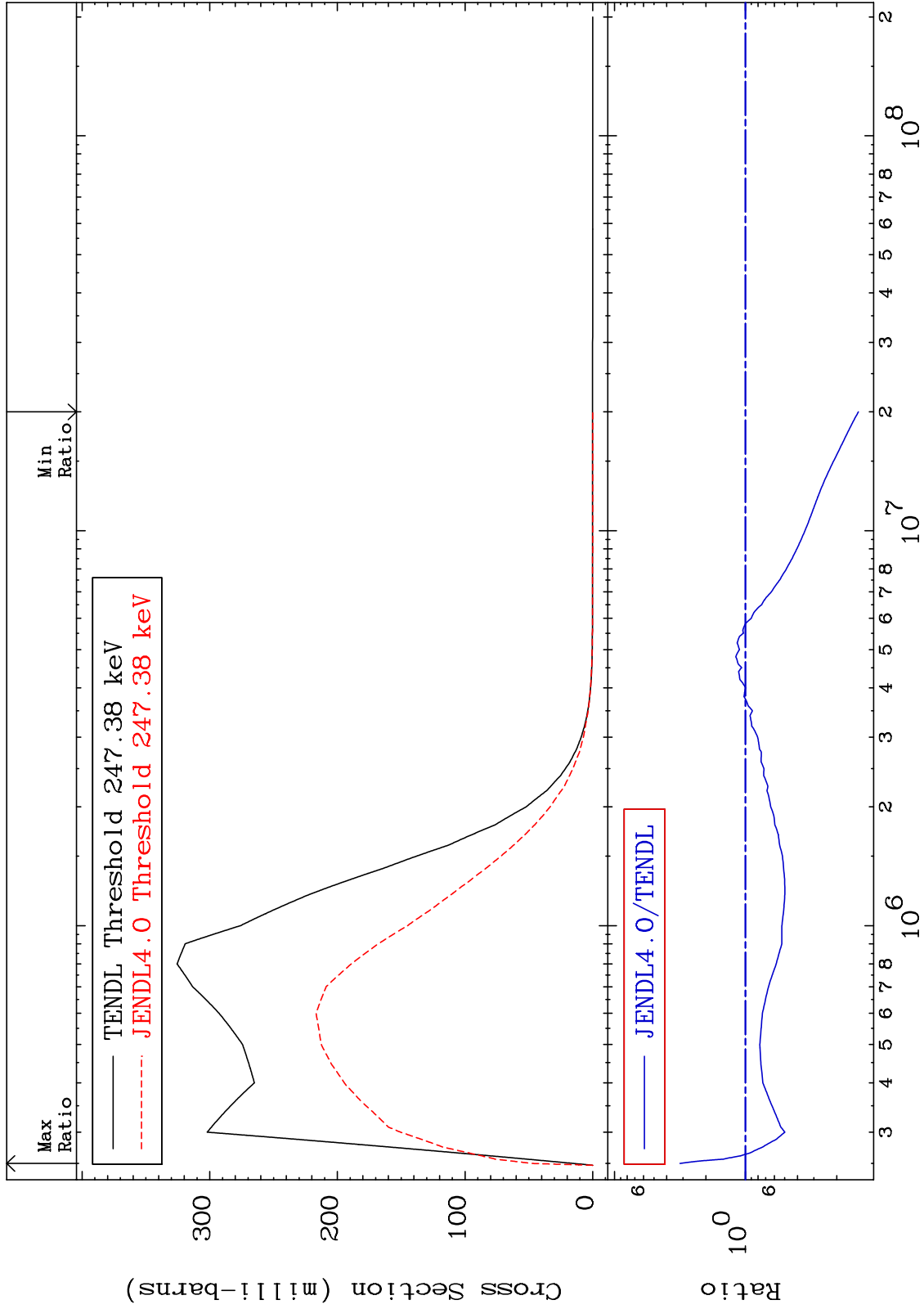
63-Eu-155
-57.28 To 9999. %



MAT 6337

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

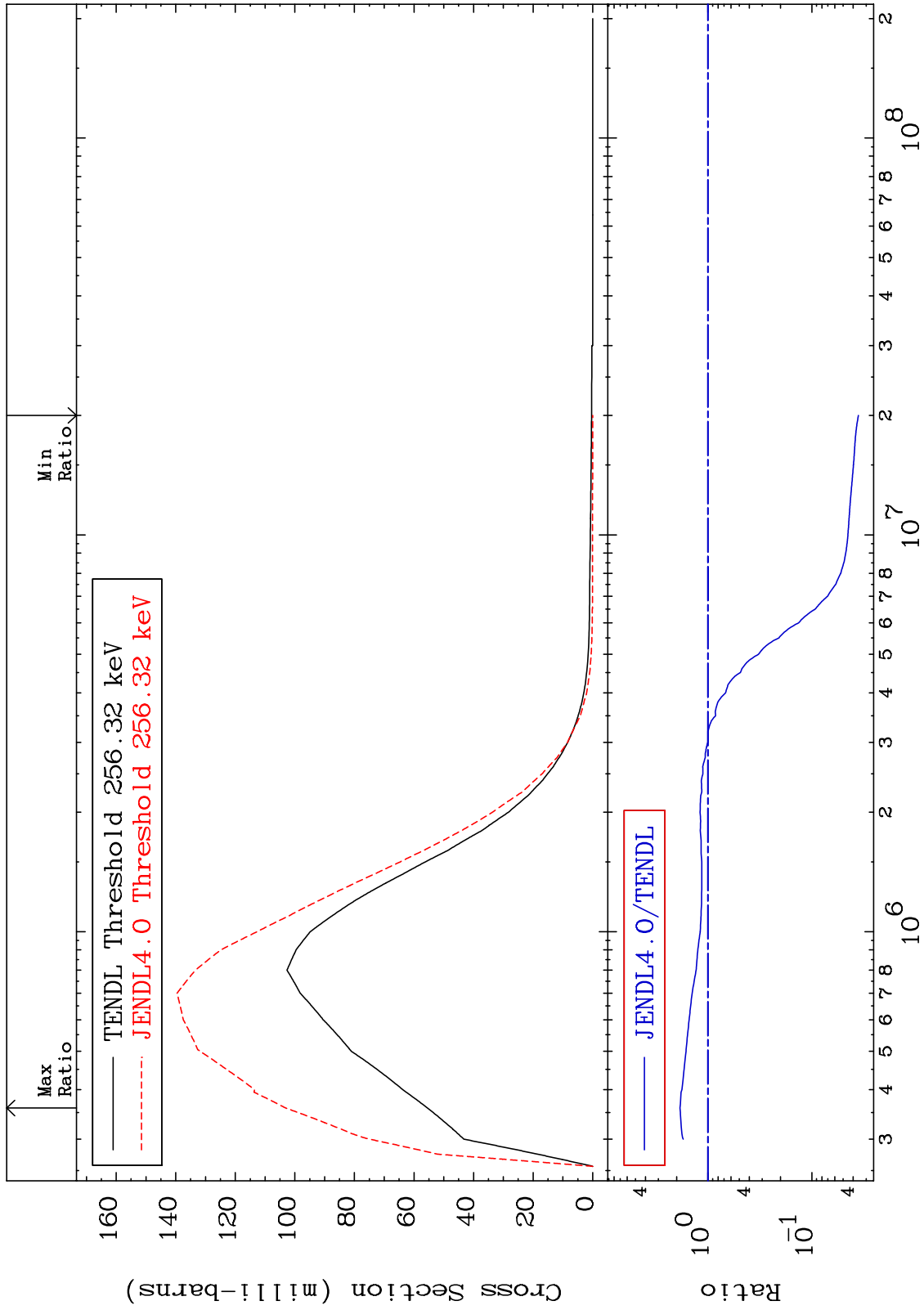
63-Eu-155
-86.33 To 215.8 %



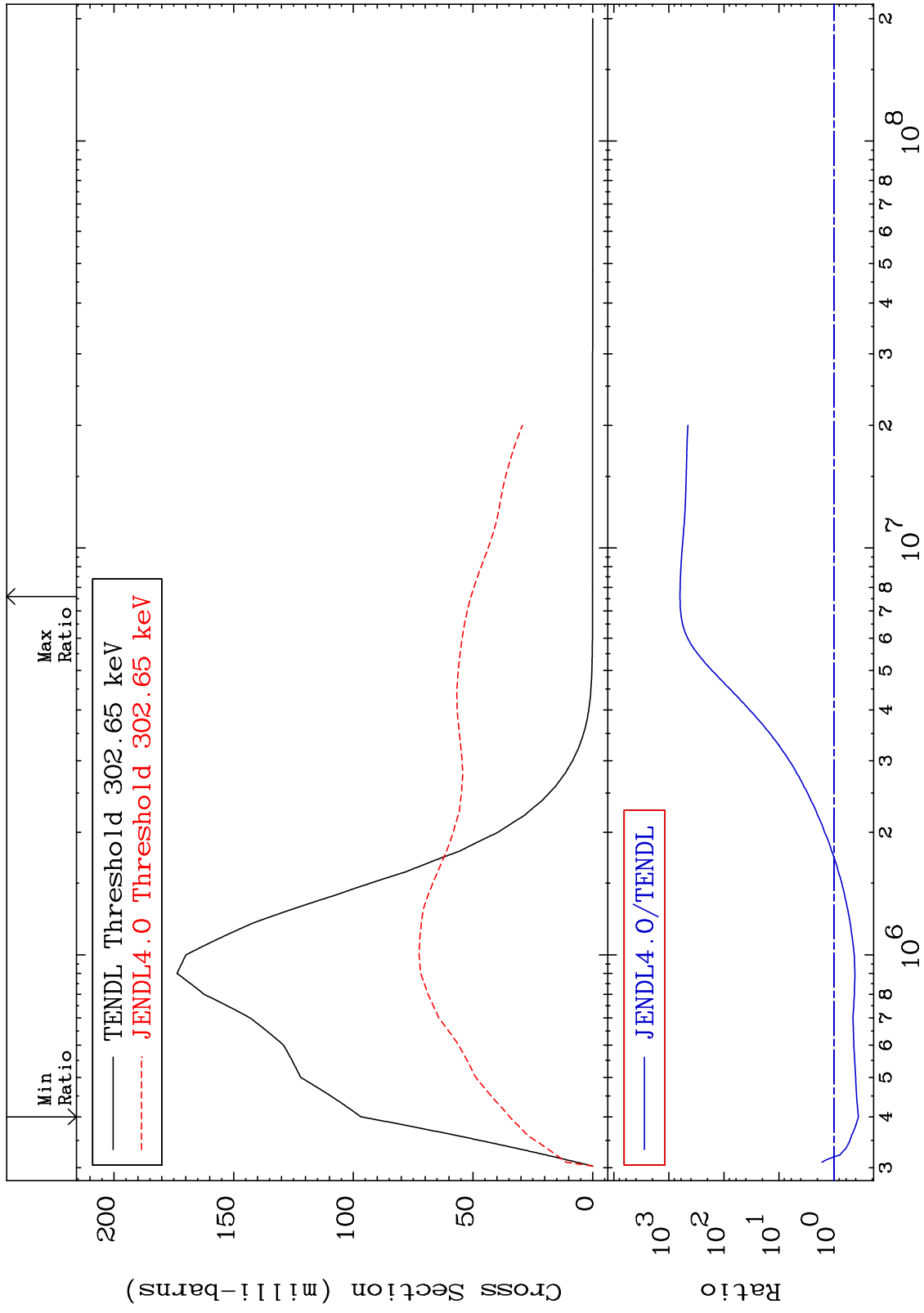
15

63-Eu-155

MAT 6337 MT= 56 (n,n') Level Cross Section 63-Eu-155 -96.44 To 85.80 %



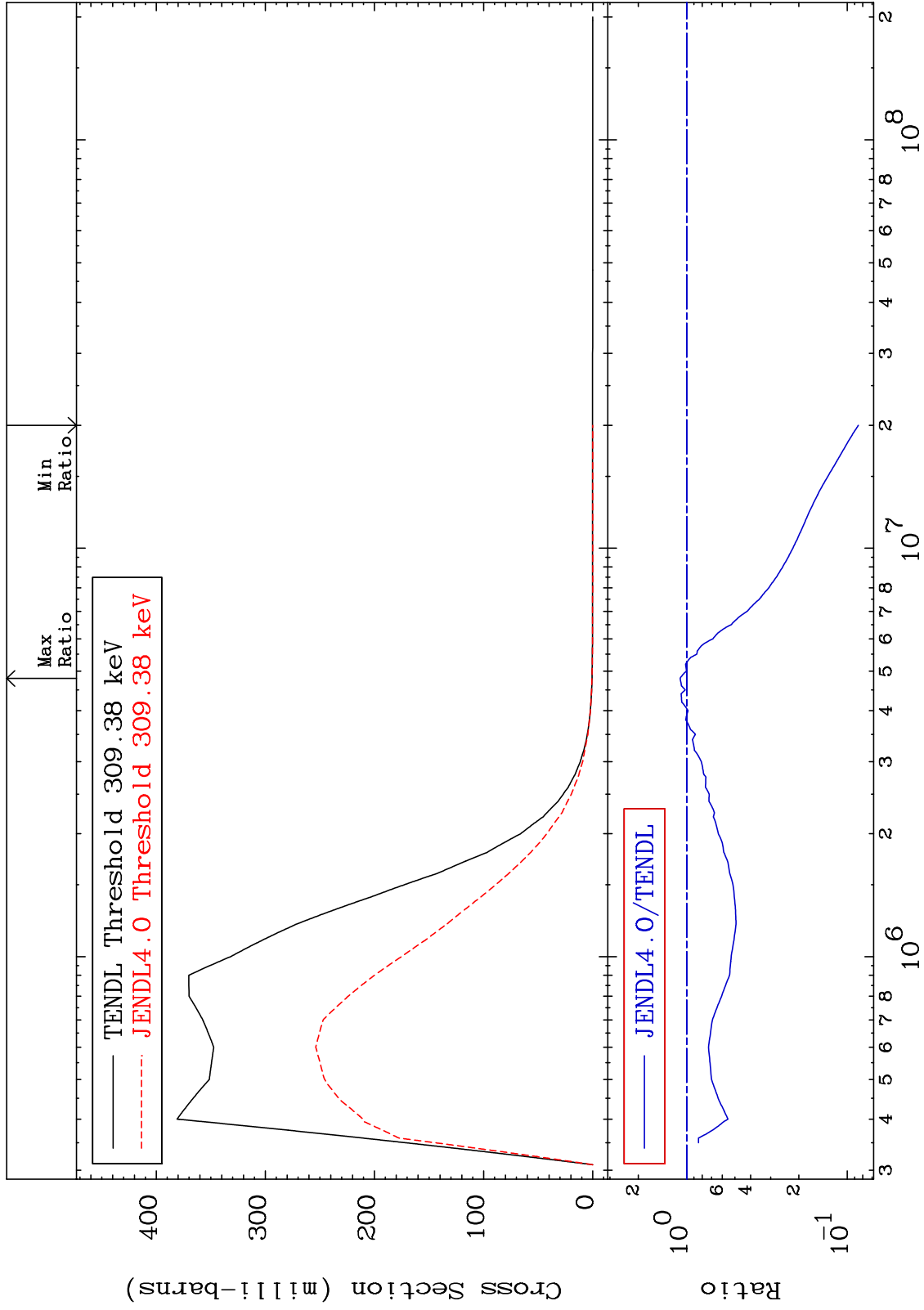
MAT 6337 MT= 57 (n,n') Level 63-Eu-155
 Cross Section -64.18 To 9999. %



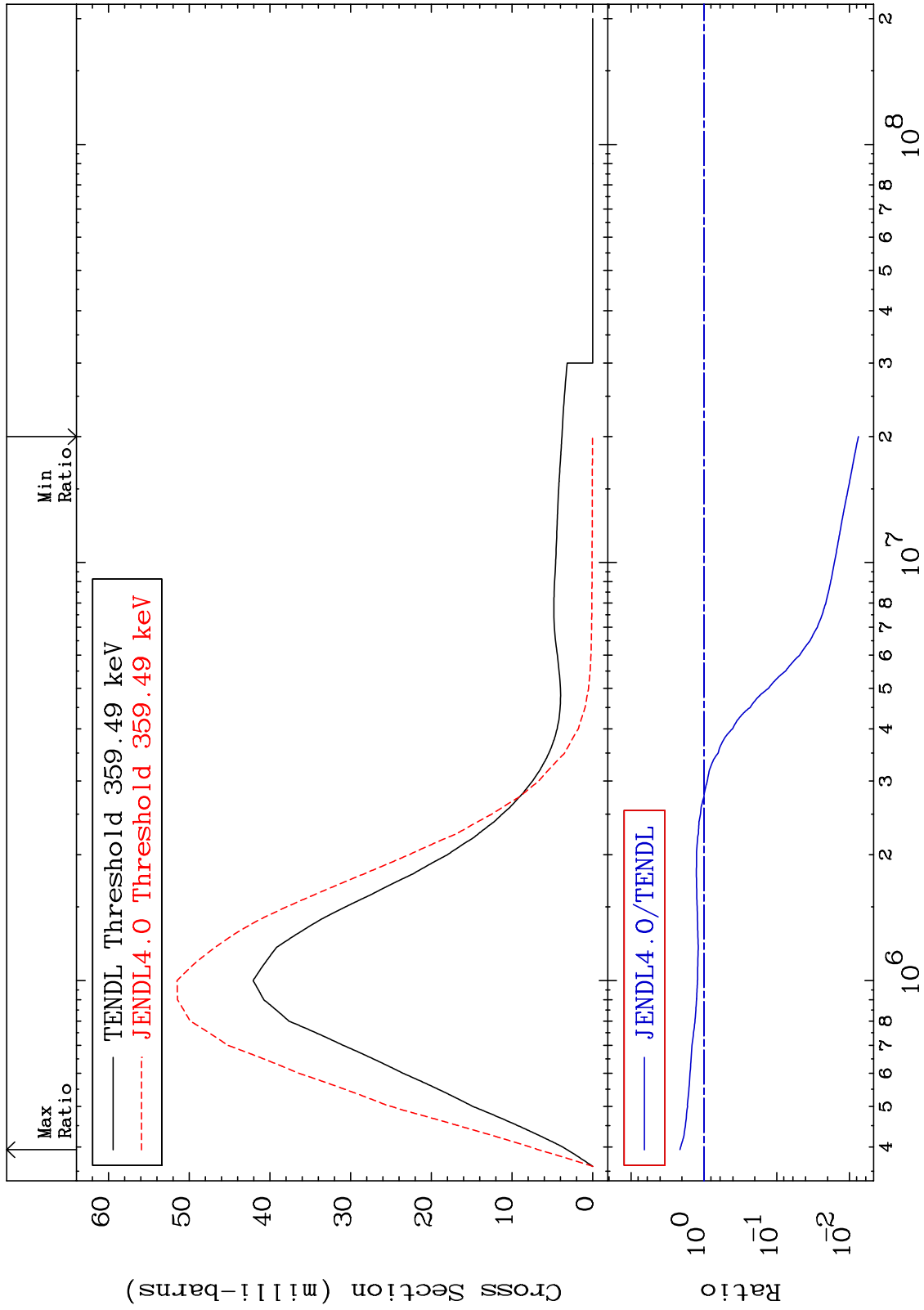
MAT 6337

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

63-Eu-155
-91.48 To 9.949 %



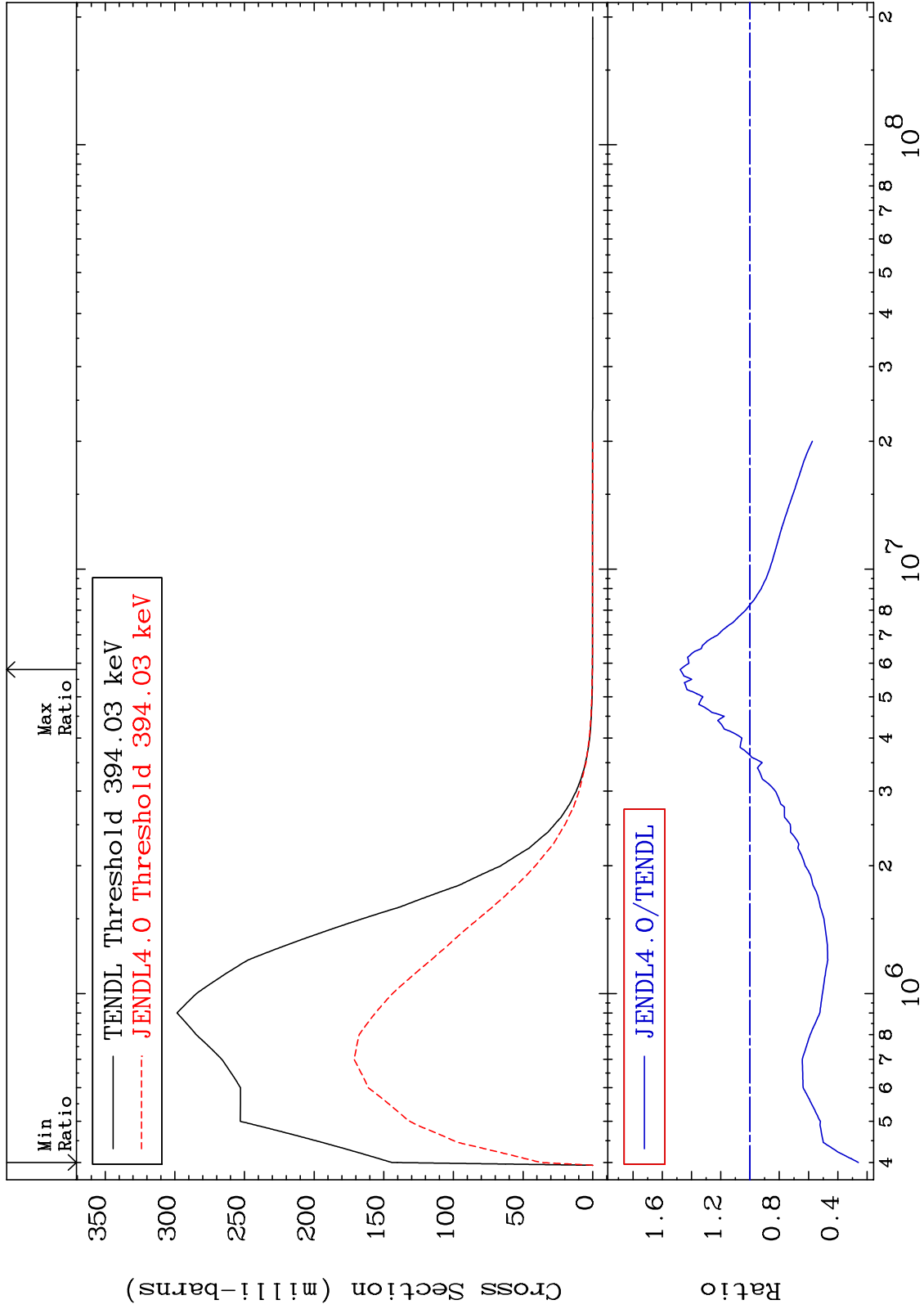
MAT 6337 MT= 59 (n,n') Level Cross Section 63-Eu-155
 -99.24 To 112.7 %



MAT 6337

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

63-Eu-155
-74.09 To 47.88 %



20

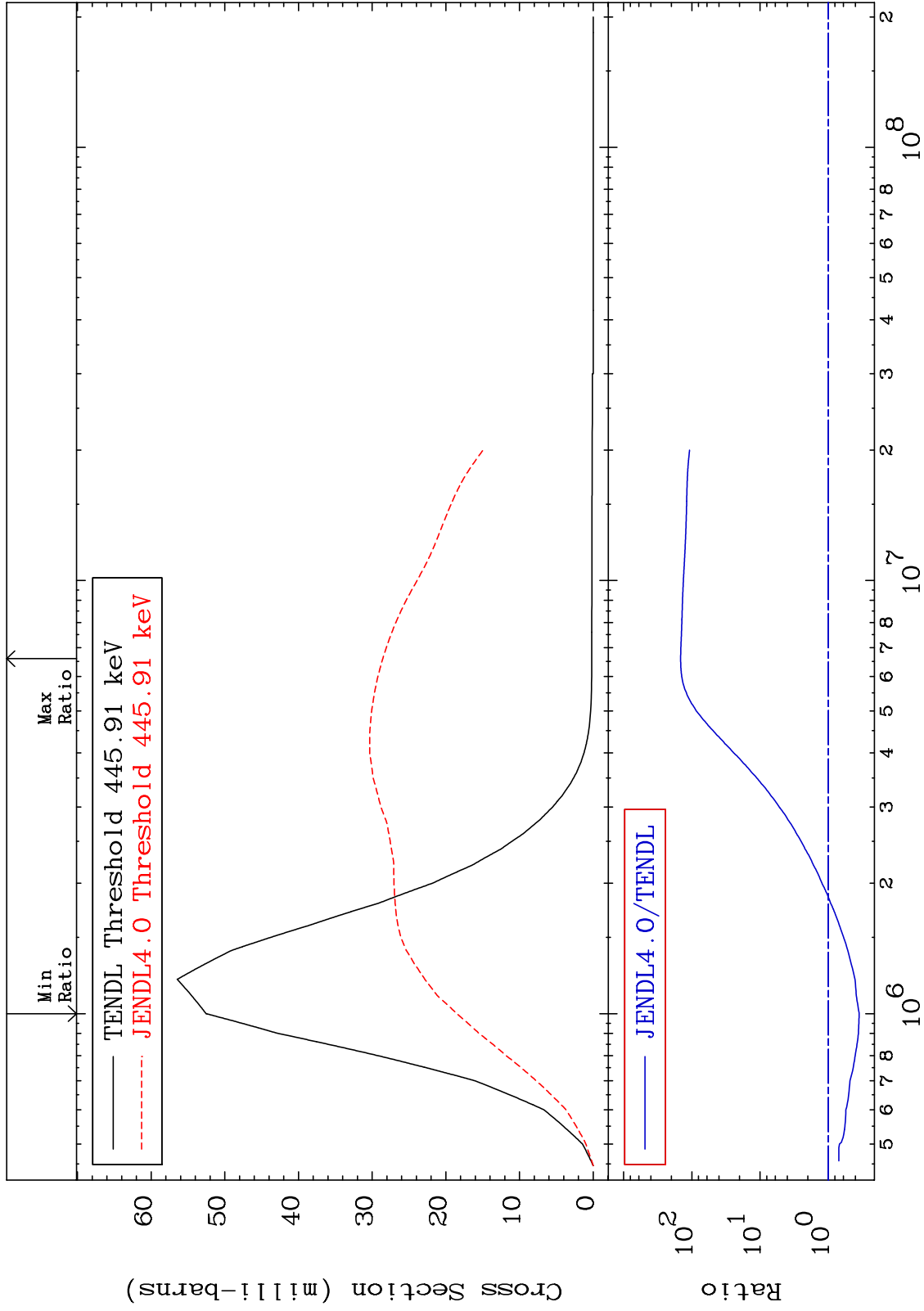
Incident Energy (eV)

63-Eu-155

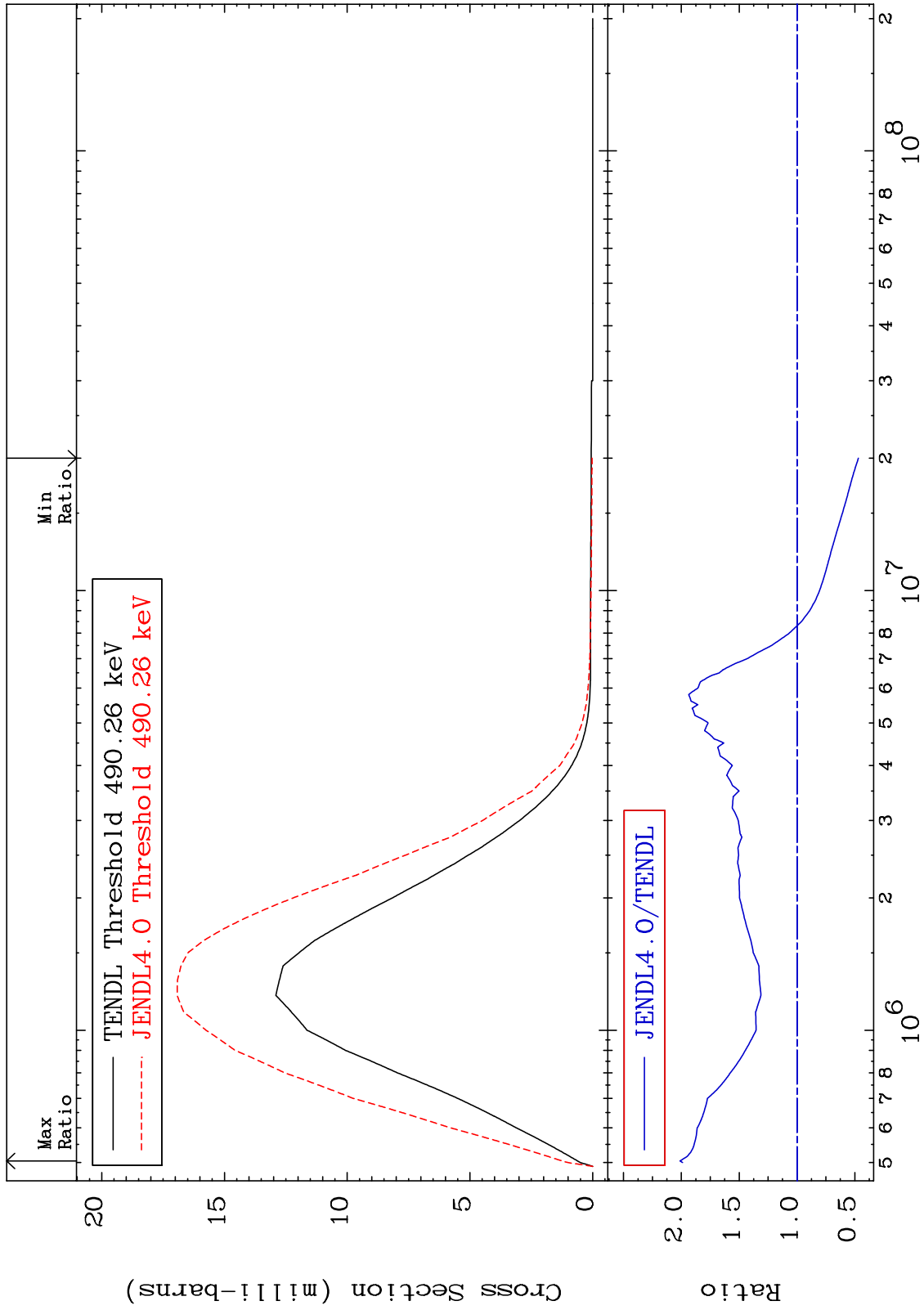
MAT 6337

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

63-Eu-155
-64.76 To 9999. %



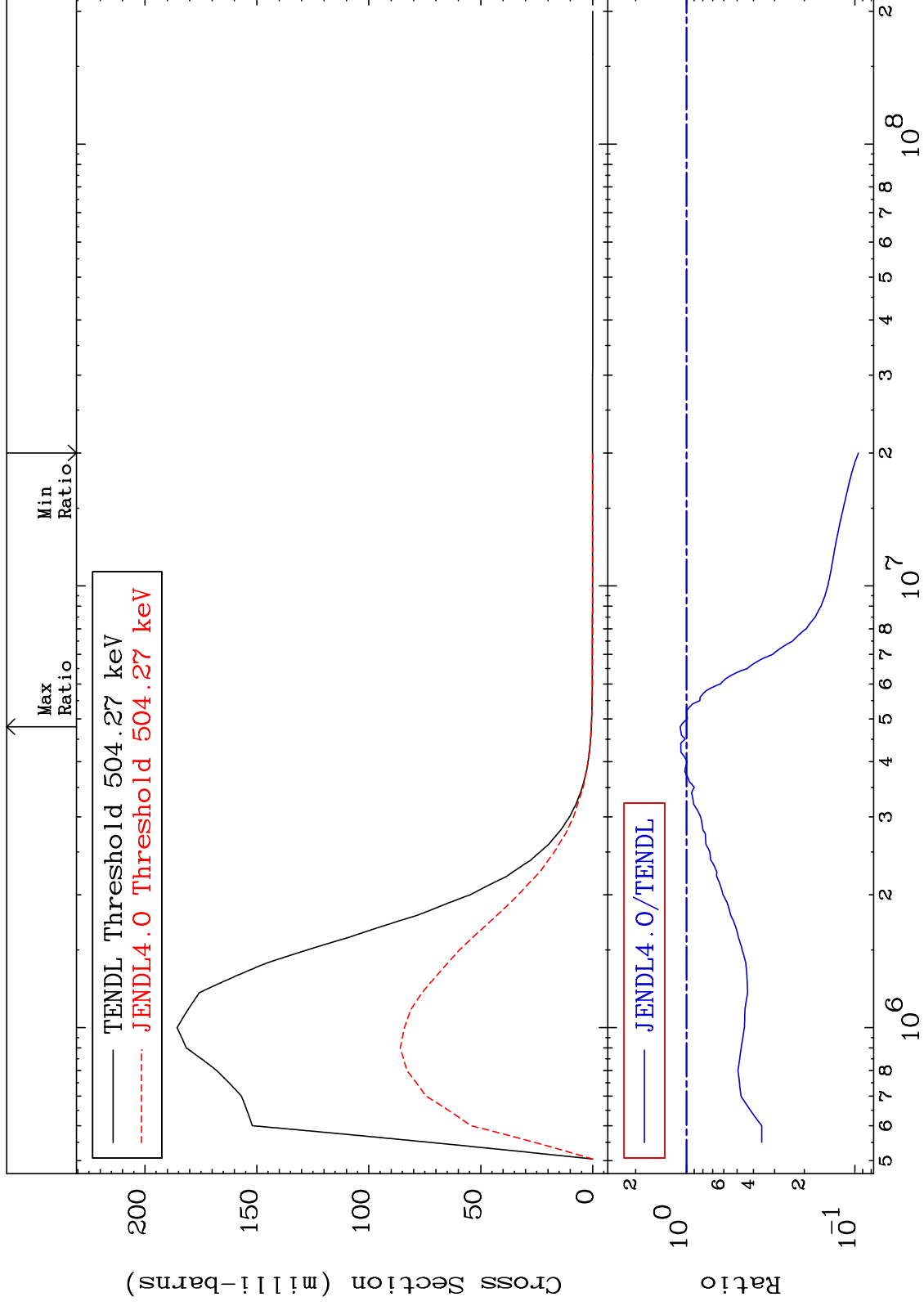
MAT 6337 MT= 62 (n,n') Level Cross Section 63-Eu-155 -53.13 To 101.2 %



MAT 6337

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

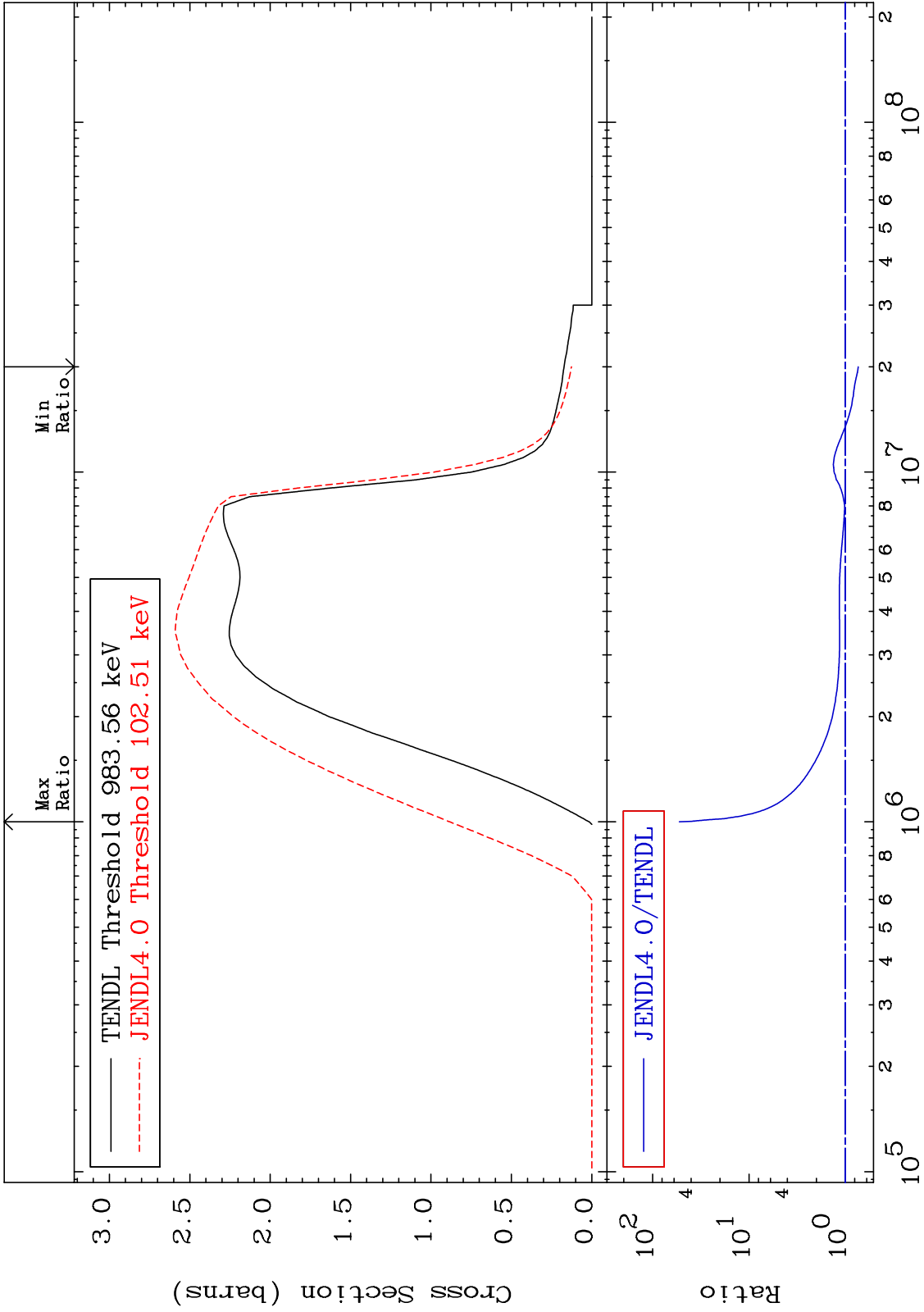
63-Eu-155
-90.47 To 9.220 %



MAT 6337

(n,n') Continuum
Cross Section

63-Eu-155
-26.49 To 5190. %



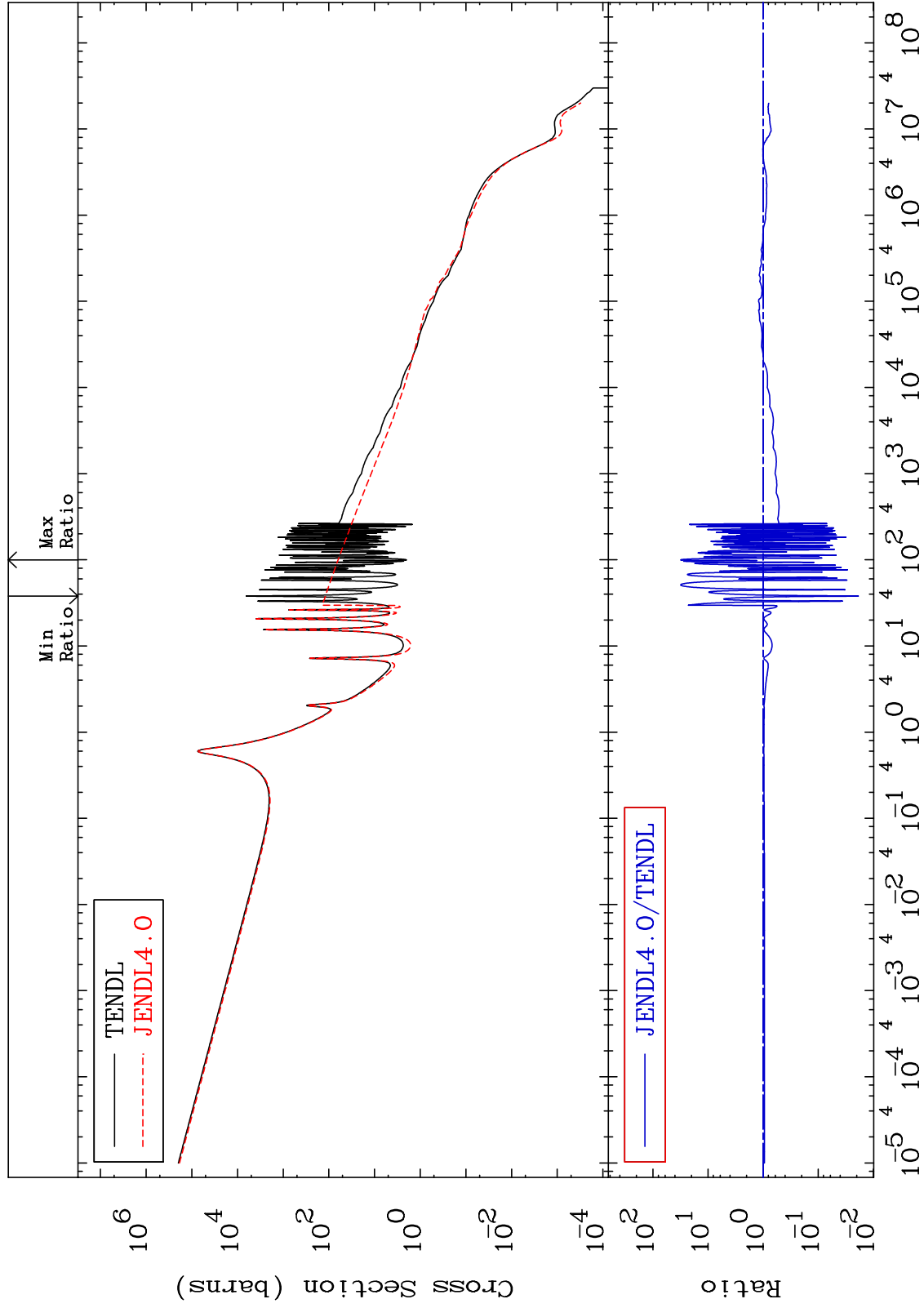
24

63-Eu-155

MAT 6337

(n, γ)
Cross Section

63-Eu-155
-98.15 To 3067. %



25

Incident Energy (eV)

63-Eu-155

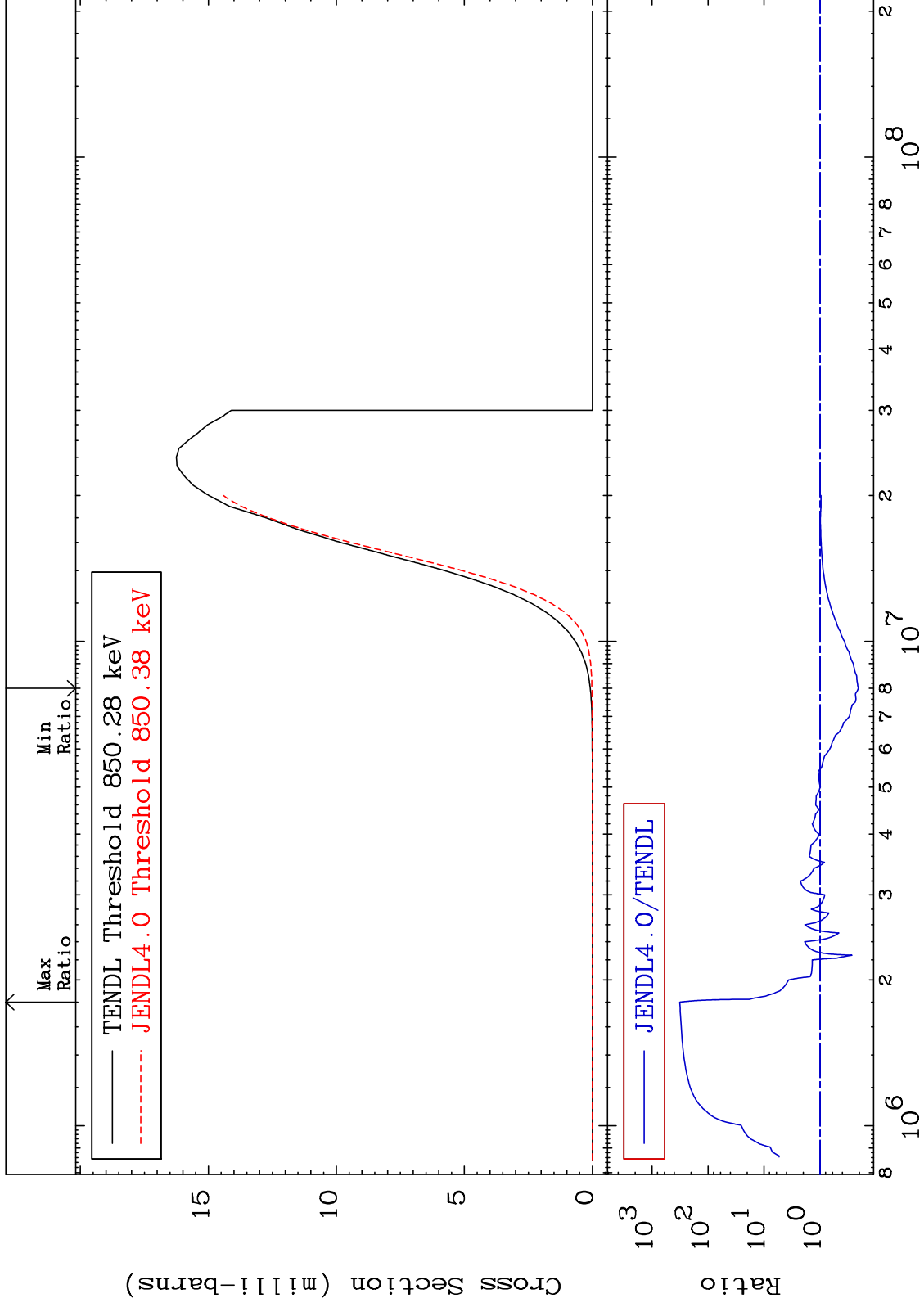
MAT 6337

(n,p)

63-Eu-155

Cross Section

-79.17 To 9999. %



26

Incident Energy (eV)

63-Eu-155

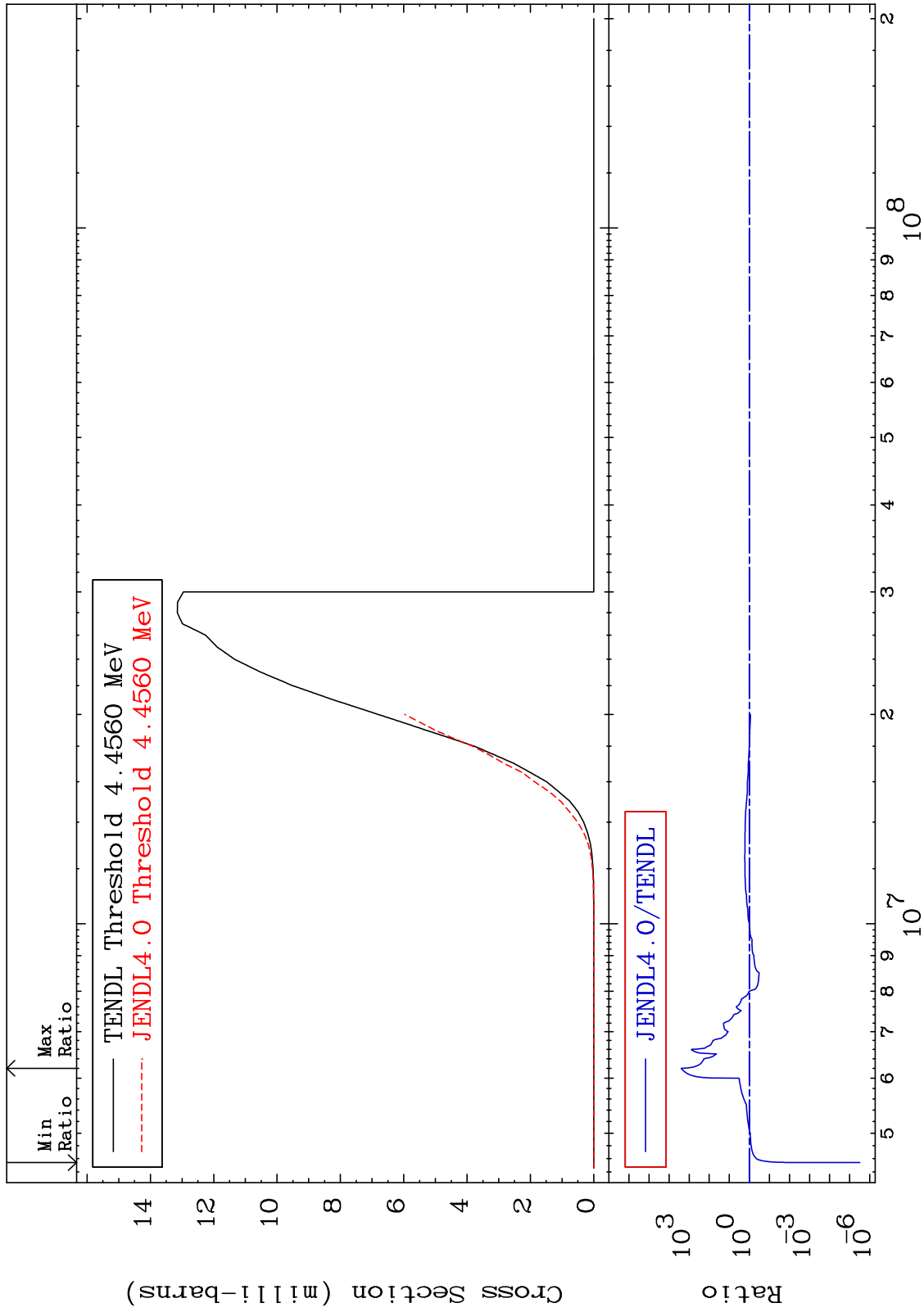
MAT 6337

(n, d)

63-Eu-155

Cross Section

-100.0 To 9999. %



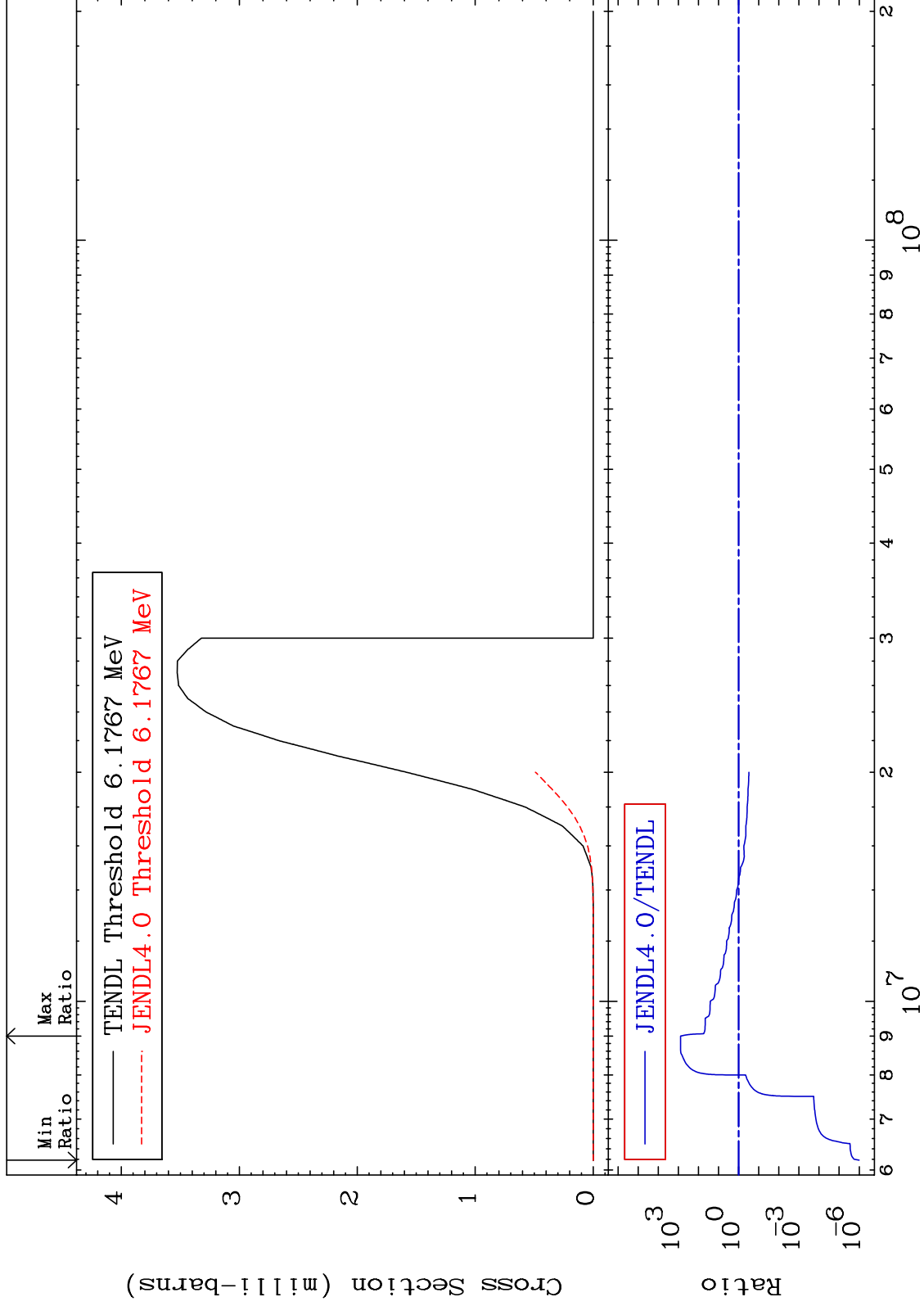
MAT 6337

(n, t)

63-Eu-155

Cross Section

-100.0 To 9999. %



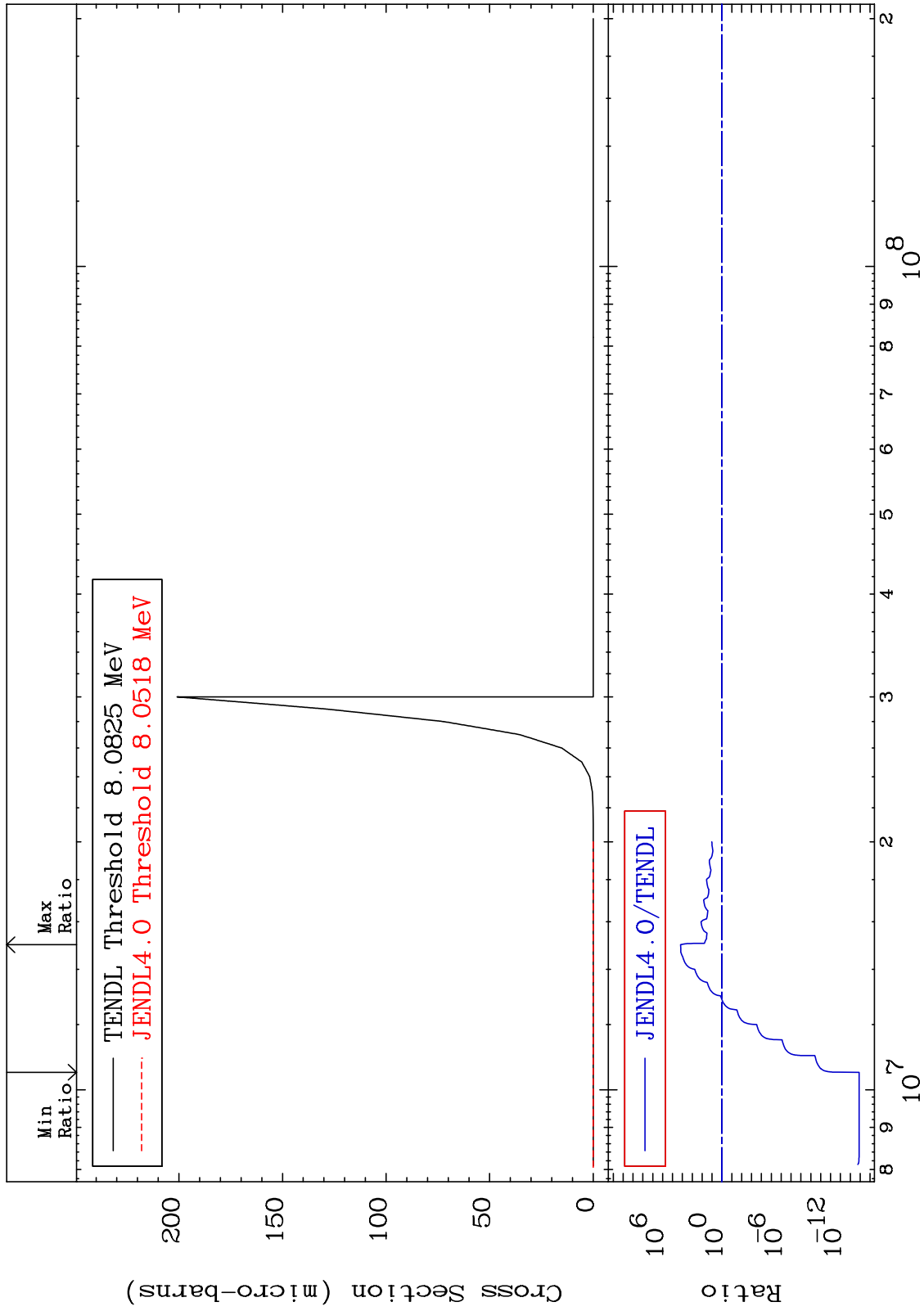
MAT 6337

(n, He-3)

63-Eu-155

Cross Section

-100.0 To 9999. %



29

63-Eu-155

63-Eu-155

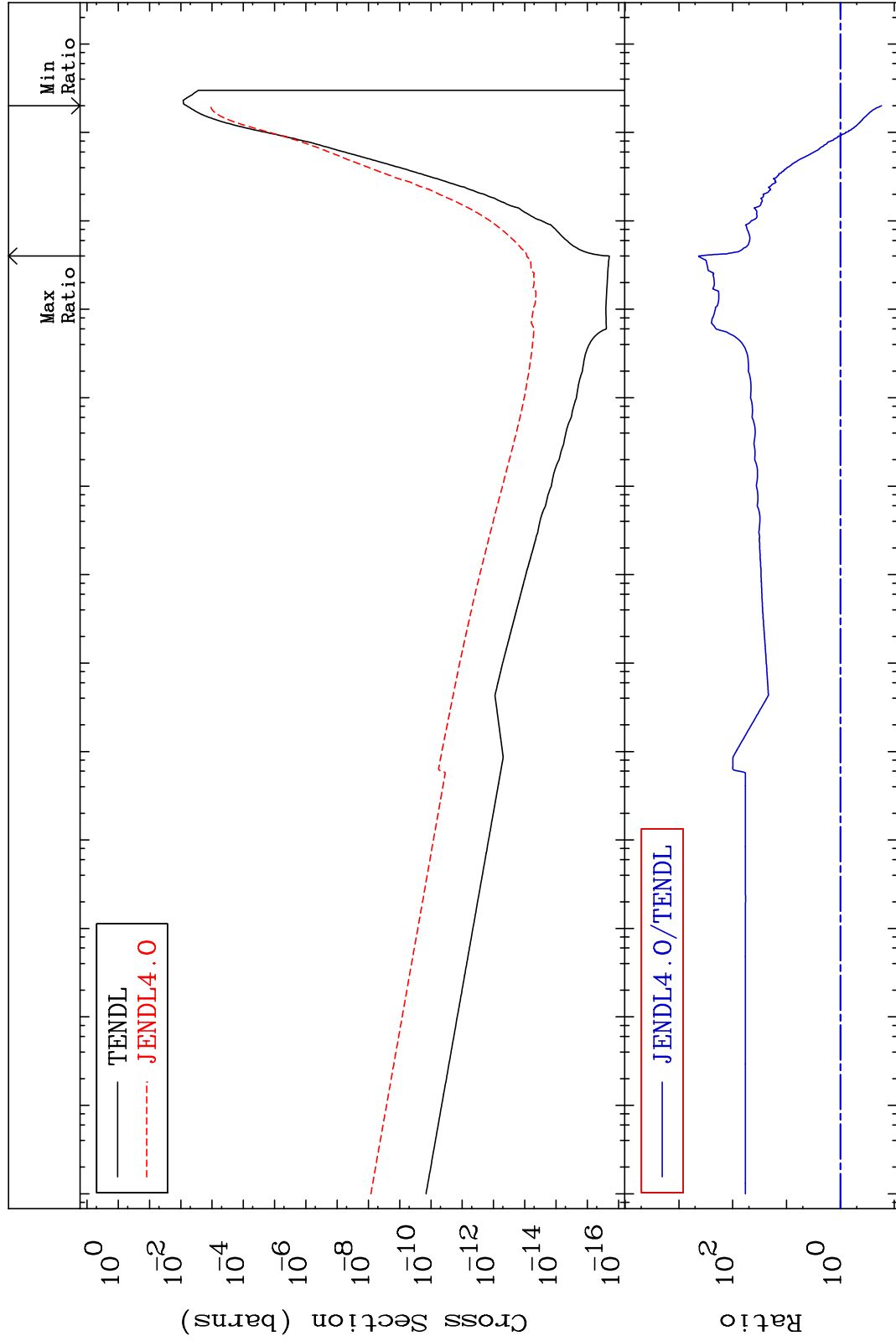
MAT 6337

(n, α)

63-Eu-155

Cross Section

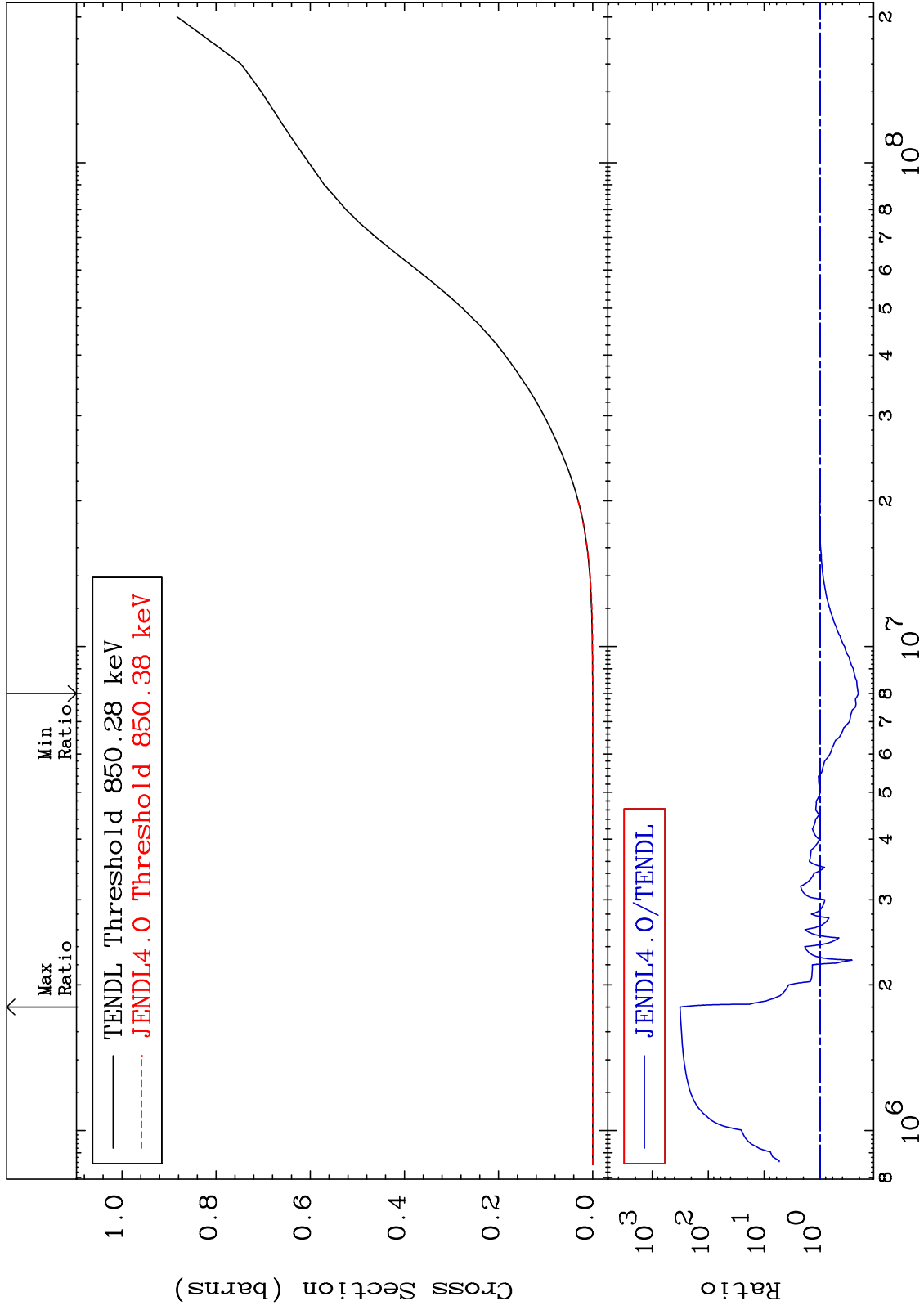
-82.80 To 9999. %



MAT 6337

Hydrogen Production
Cross Section

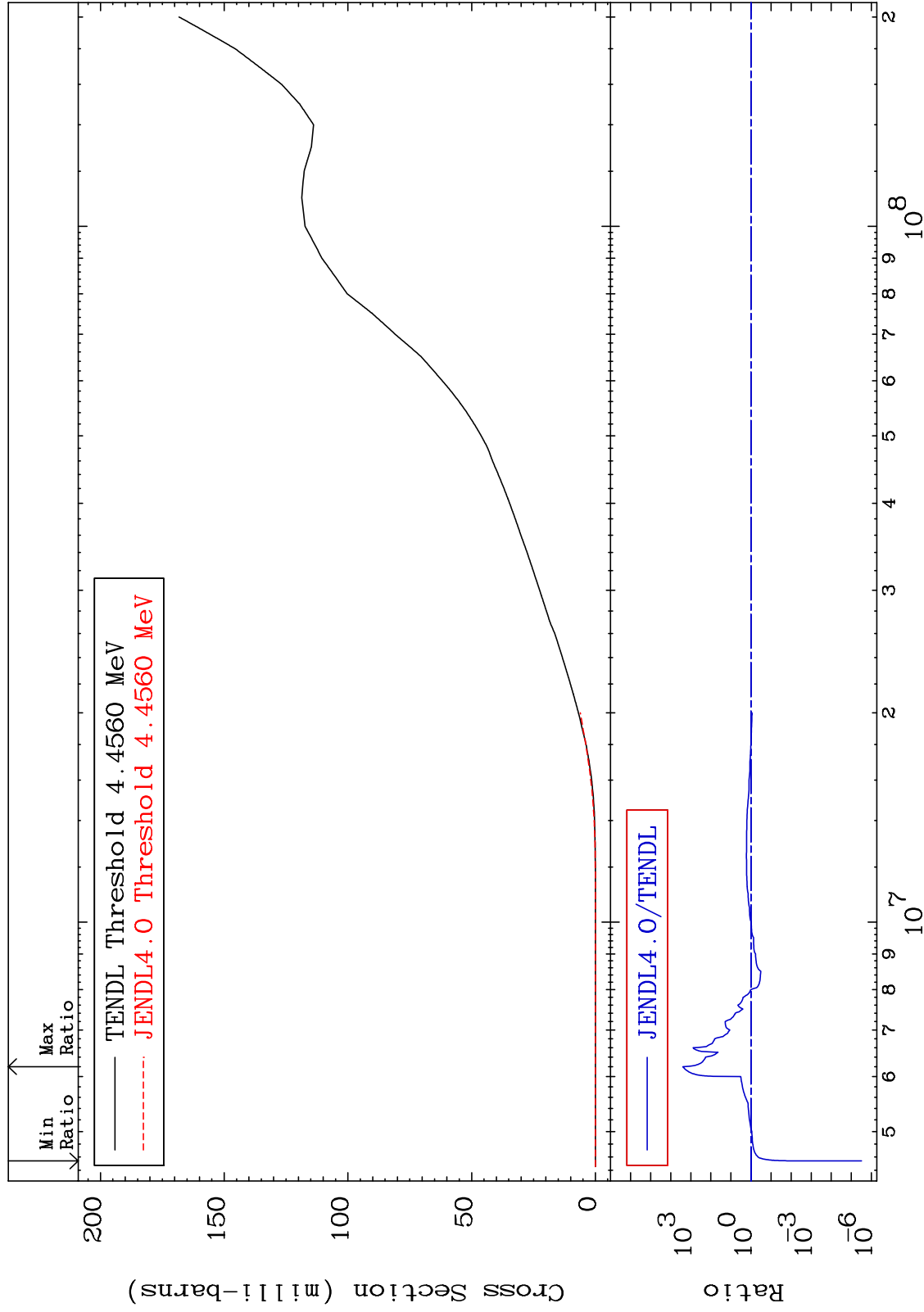
63-Eu-155
-79.17 To 9999. %



MAT 6337

Deuterium Production
Cross Section

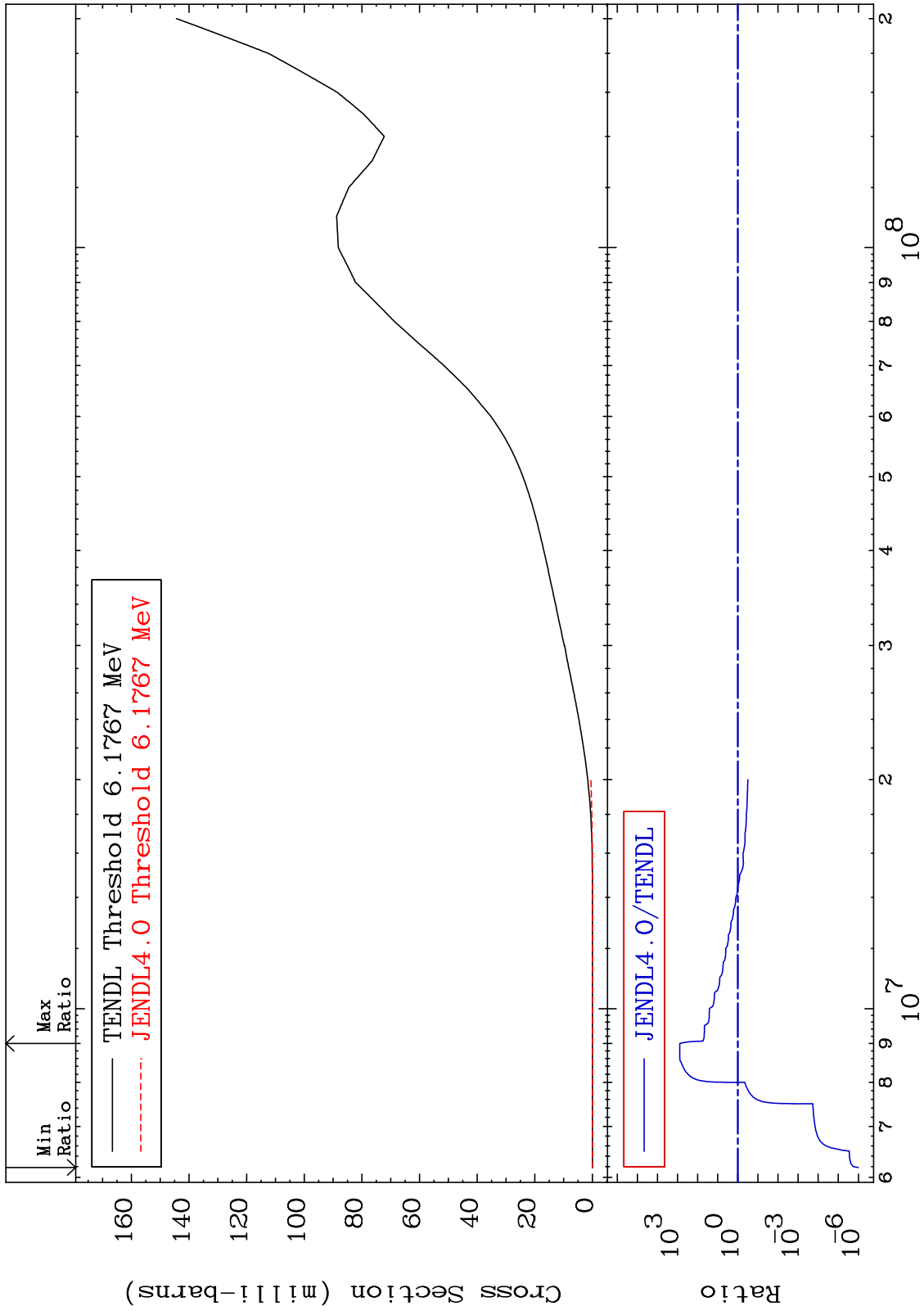
63-Eu-155
-100.0 To 9999. %



MAT 6337

Tritium Production
Cross Section

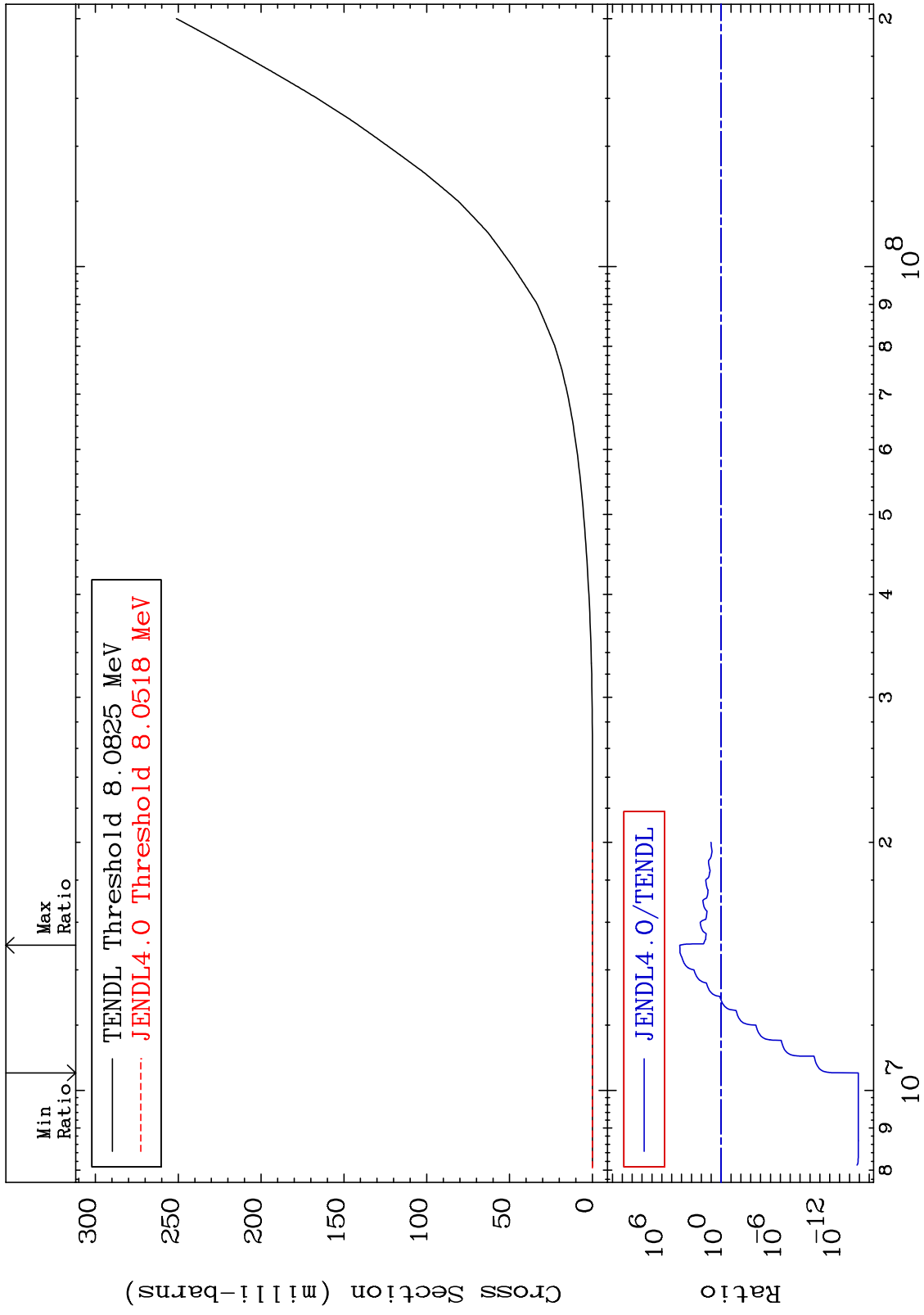
63-Eu-155
-100.0 To 9999. %



MAT 6337

He-3 Production
Cross Section

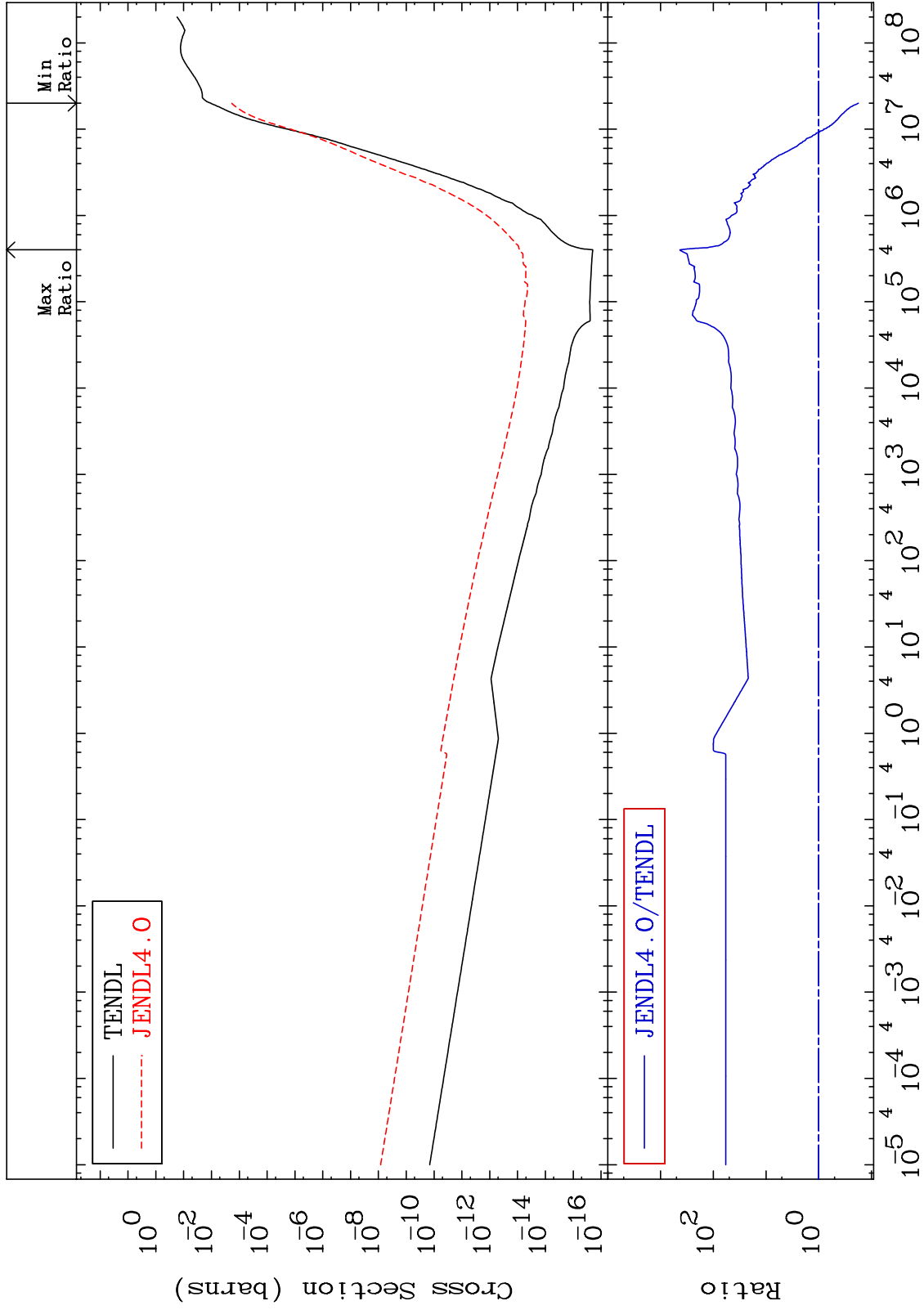
63-Eu-155
-100.0 To 9999. %



MAT 6337

He-4 Production
Cross Section

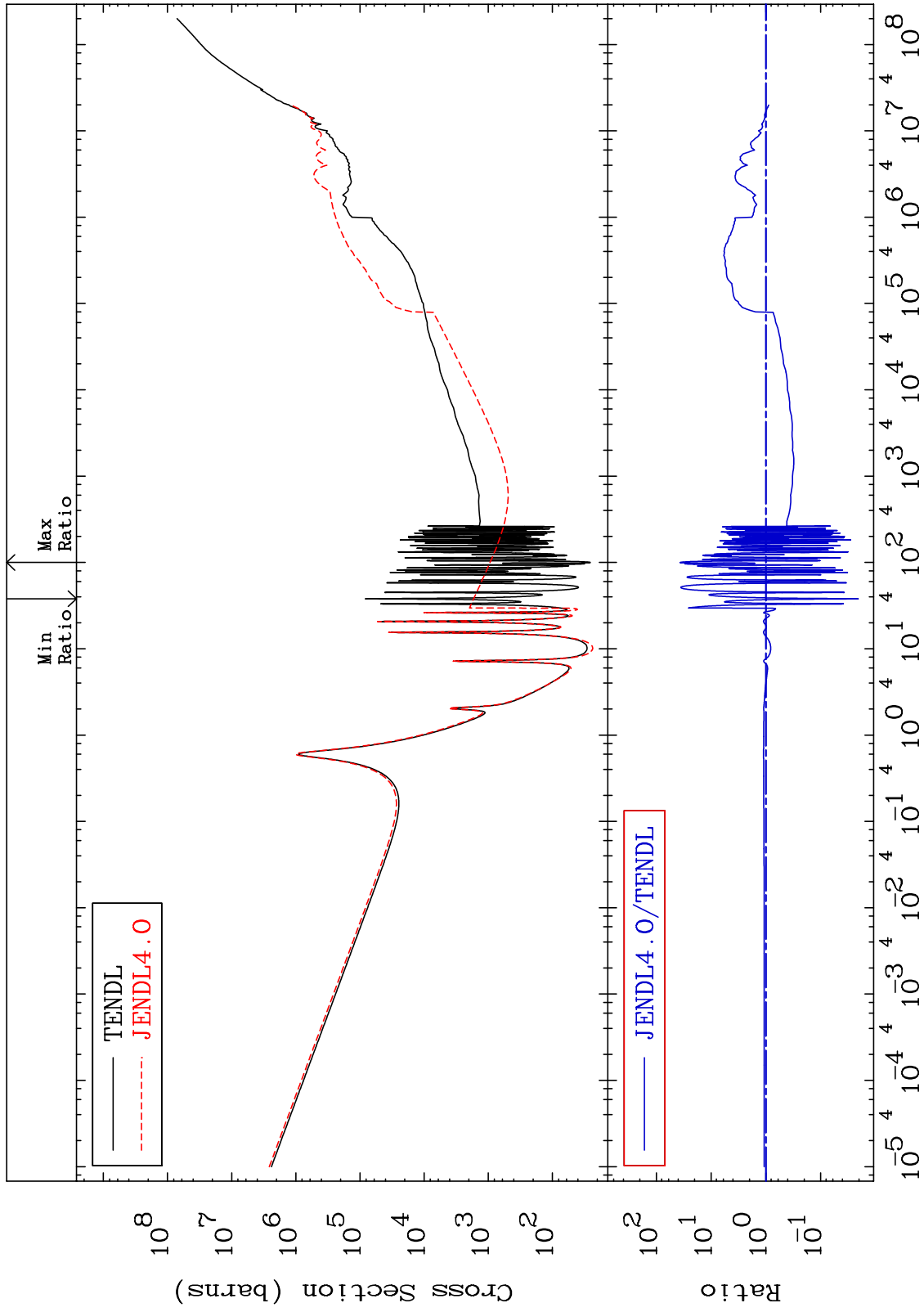
63-Eu-155
-82.34 To 9999. %



MAT 6337

Kerma total (eV-barns)
Cross Section

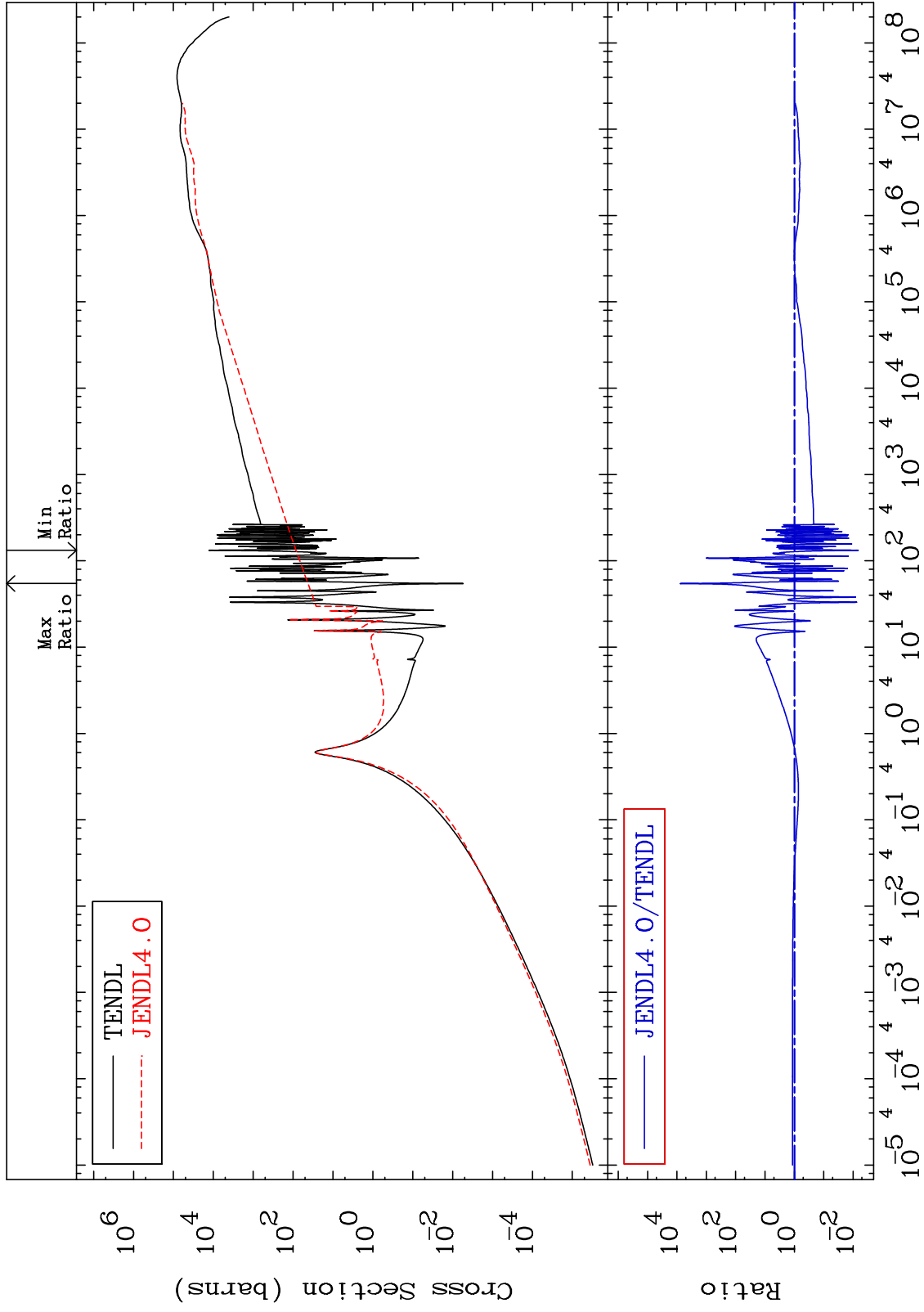
63-Eu-155
-97.95 To 3600. %



MAT 6337

Kerma elastic
Cross Section

63-Eu-155
-99.34 To 9999. %



37

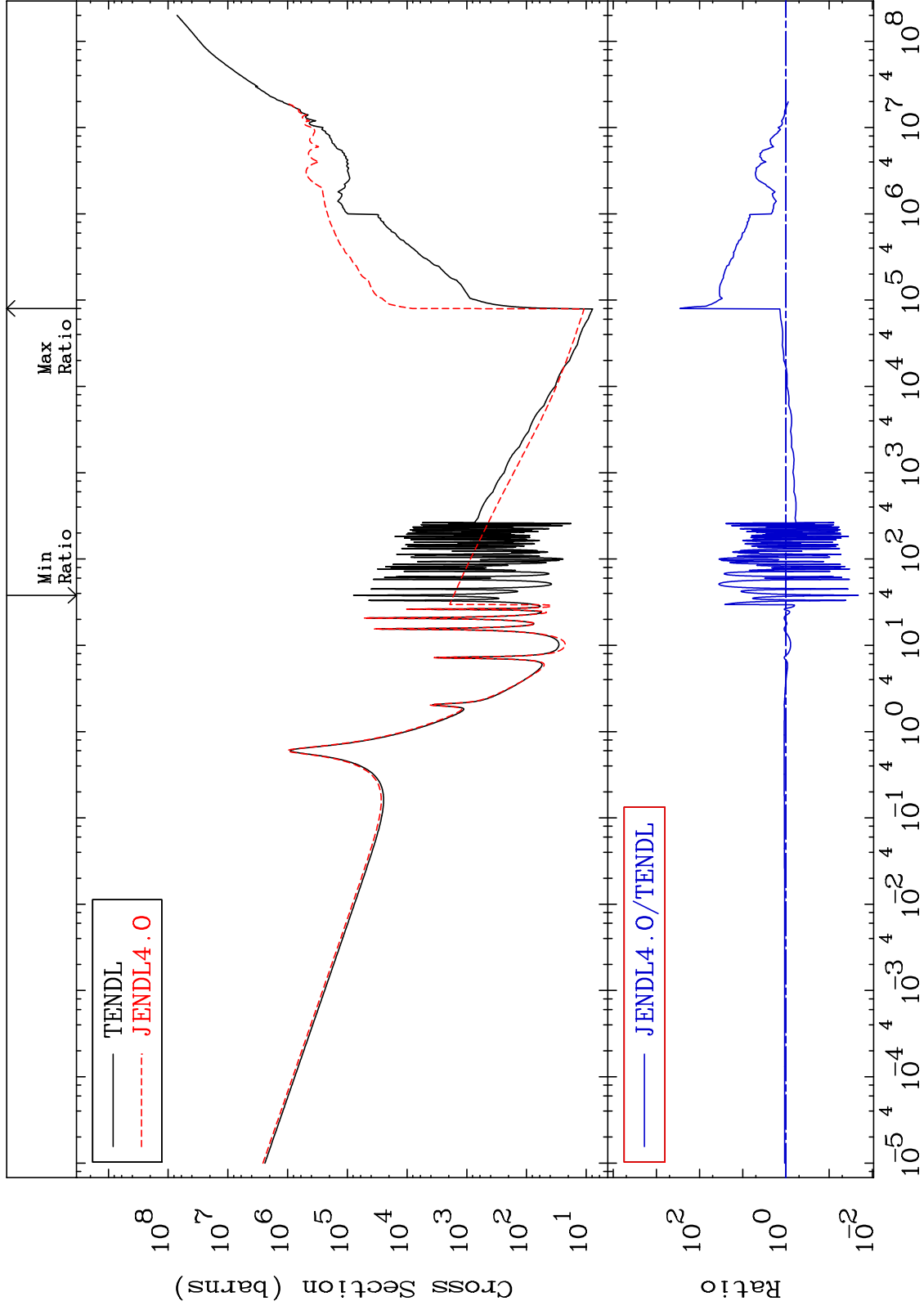
Incident Energy (eV)

63-Eu-155

MAT 6337

Kerma non-elastic (all but mt2)
Cross Section

63-Eu-155
-97.89 To 9999. %



38

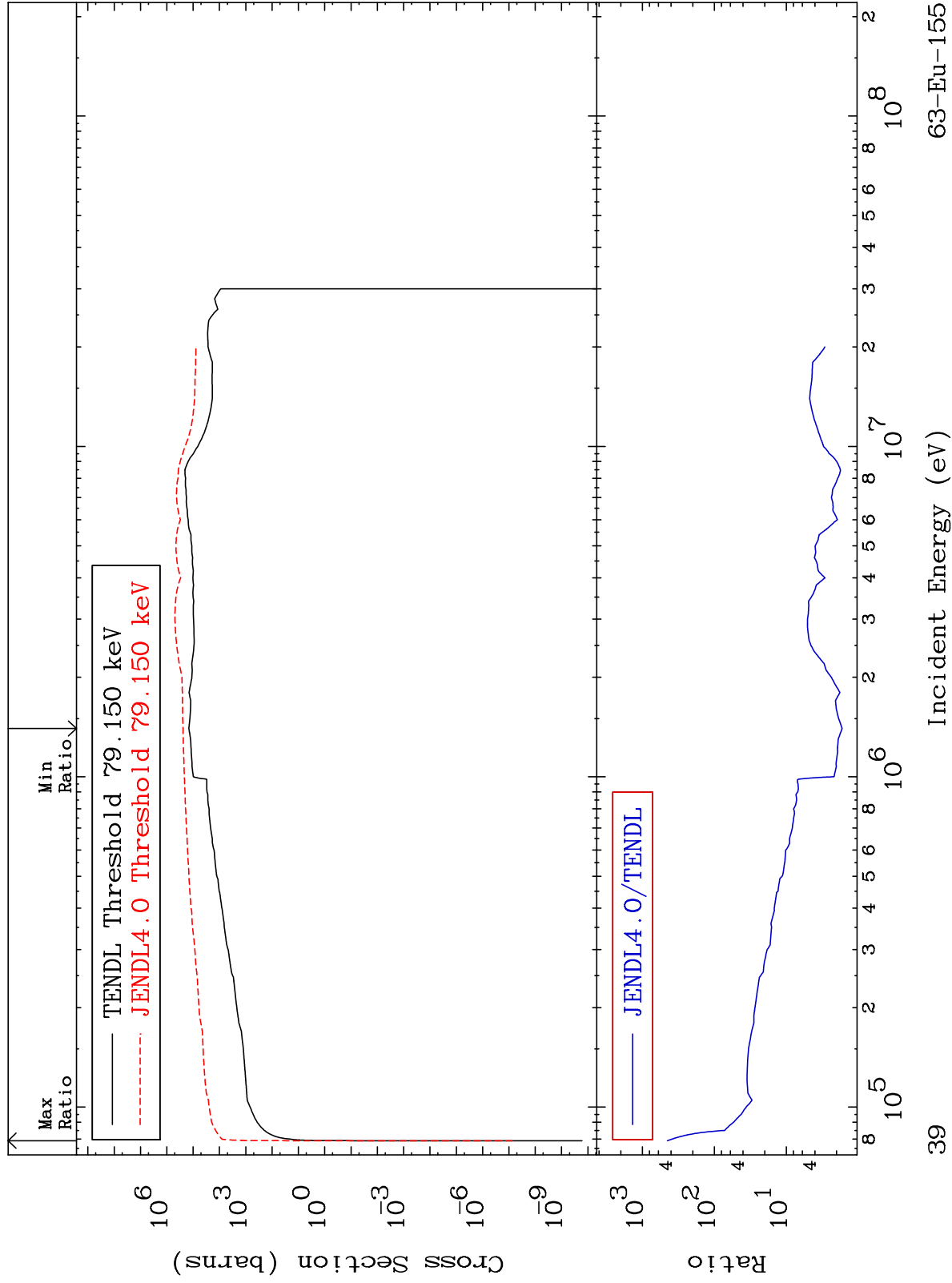
Incident Energy (eV)

63-Eu-155

MAT 6337

Kerma inelastic (mt51-91)
Cross Section

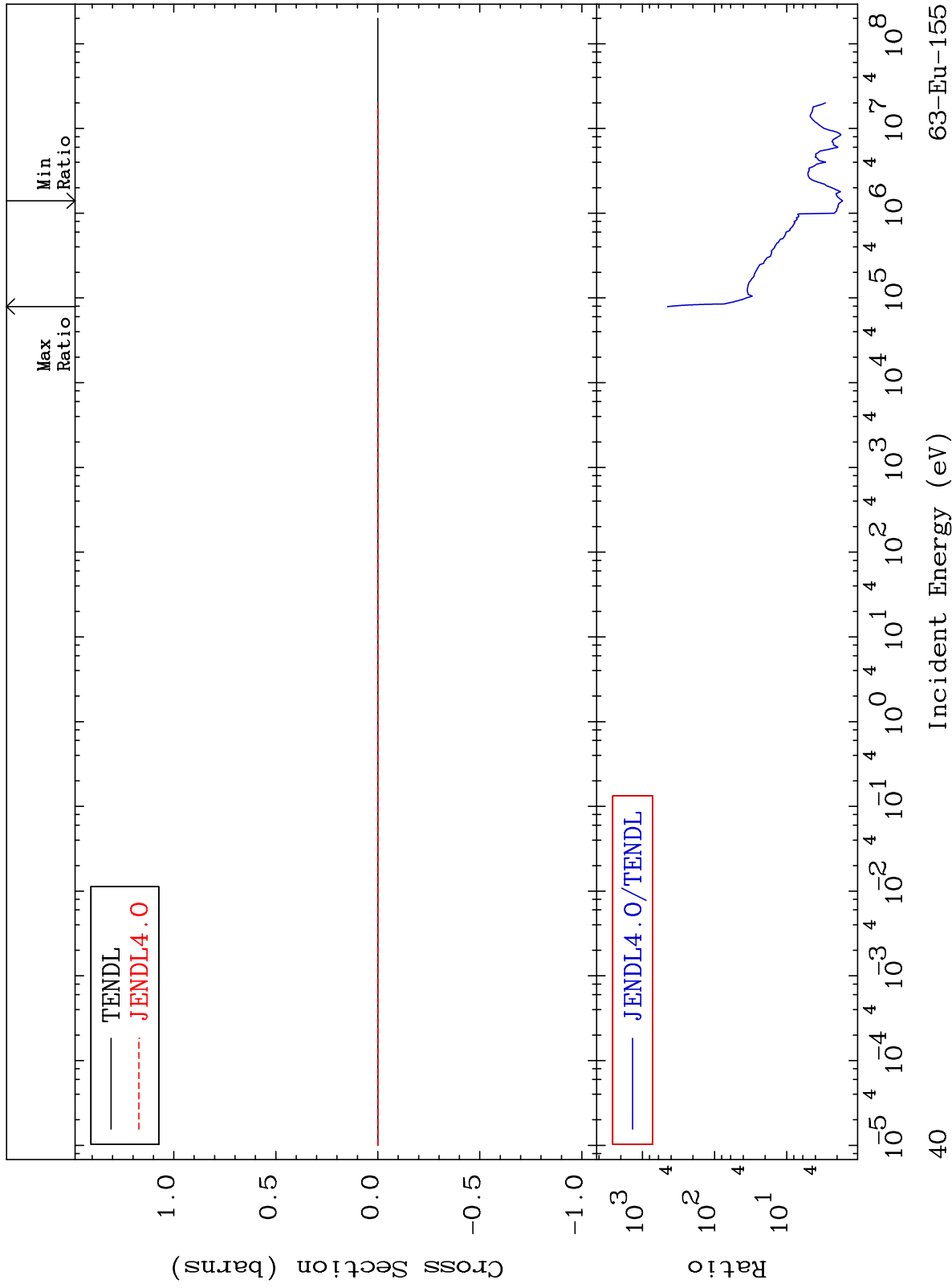
63-Eu-155
67.75 To 9999. %



MAT 6337

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

63-Eu-155
67.75 To 9999. %



40

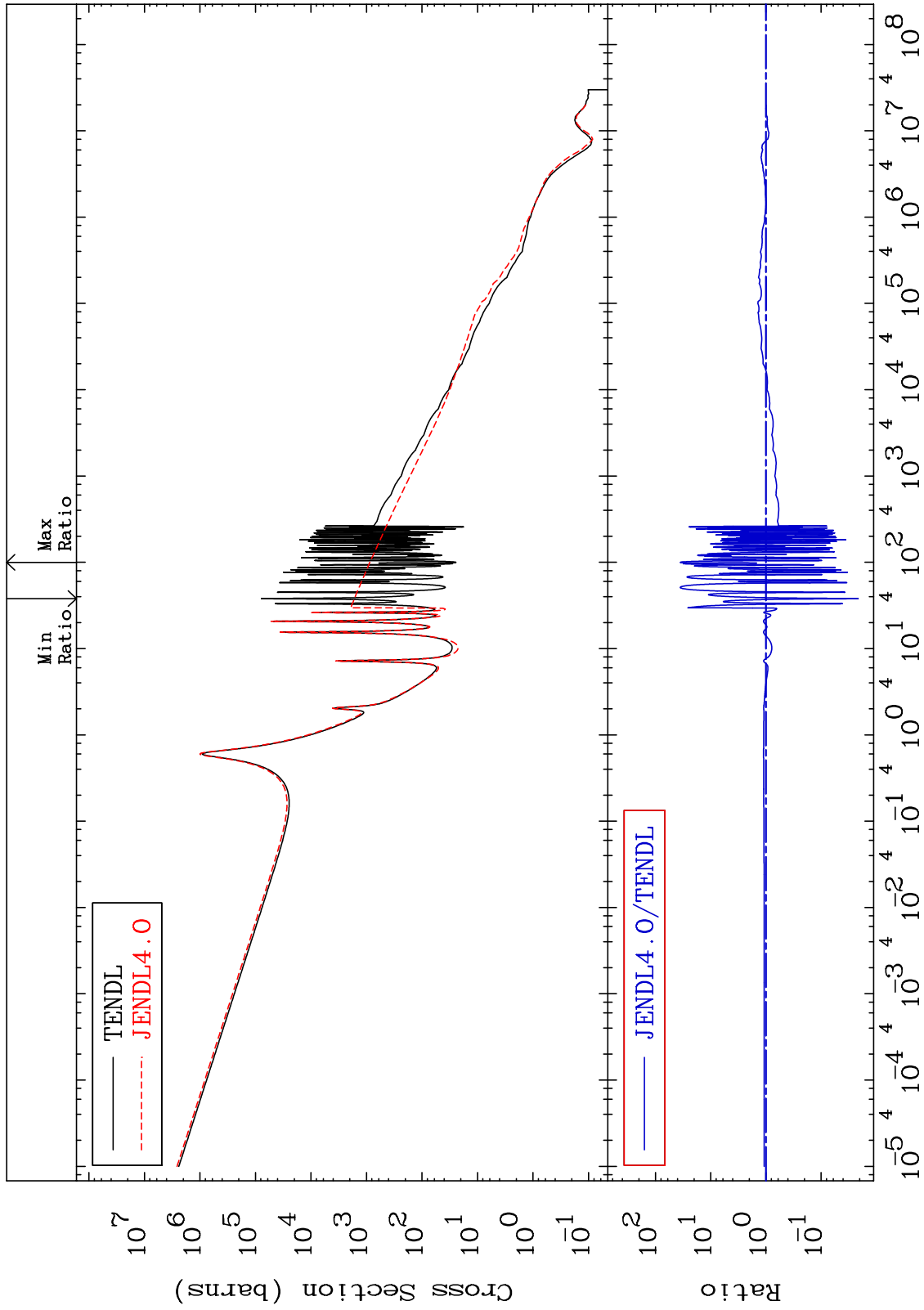
Incident Energy (eV)

63-Eu-155

MAT 6337

Kerma capture (mt102)
Cross Section

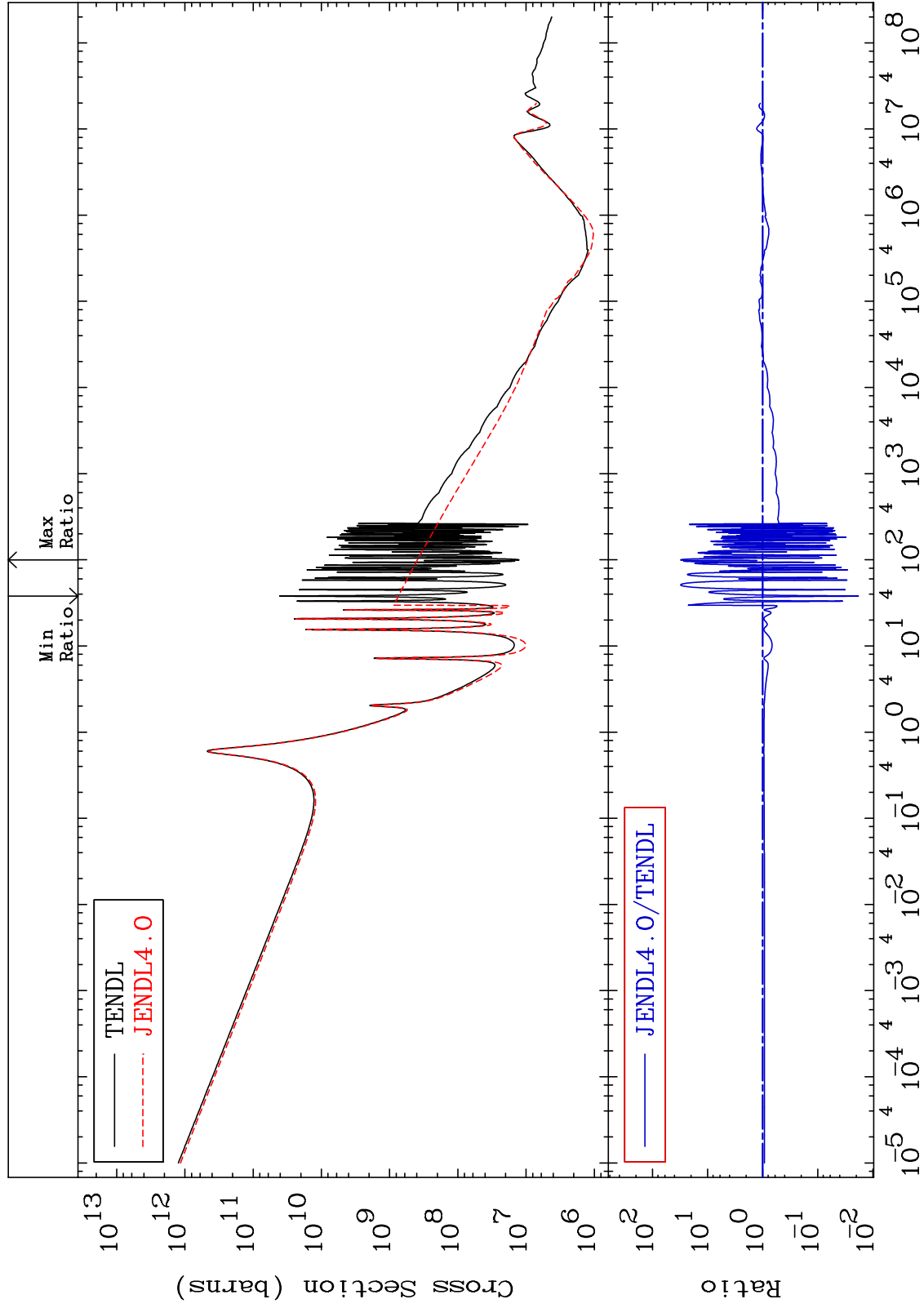
63-Eu-155
-97.89 To 3506. %



MAT 6337

Total photon (eV-barns)
Cross Section

63-Eu-155
-98.17 To 3021. %



42

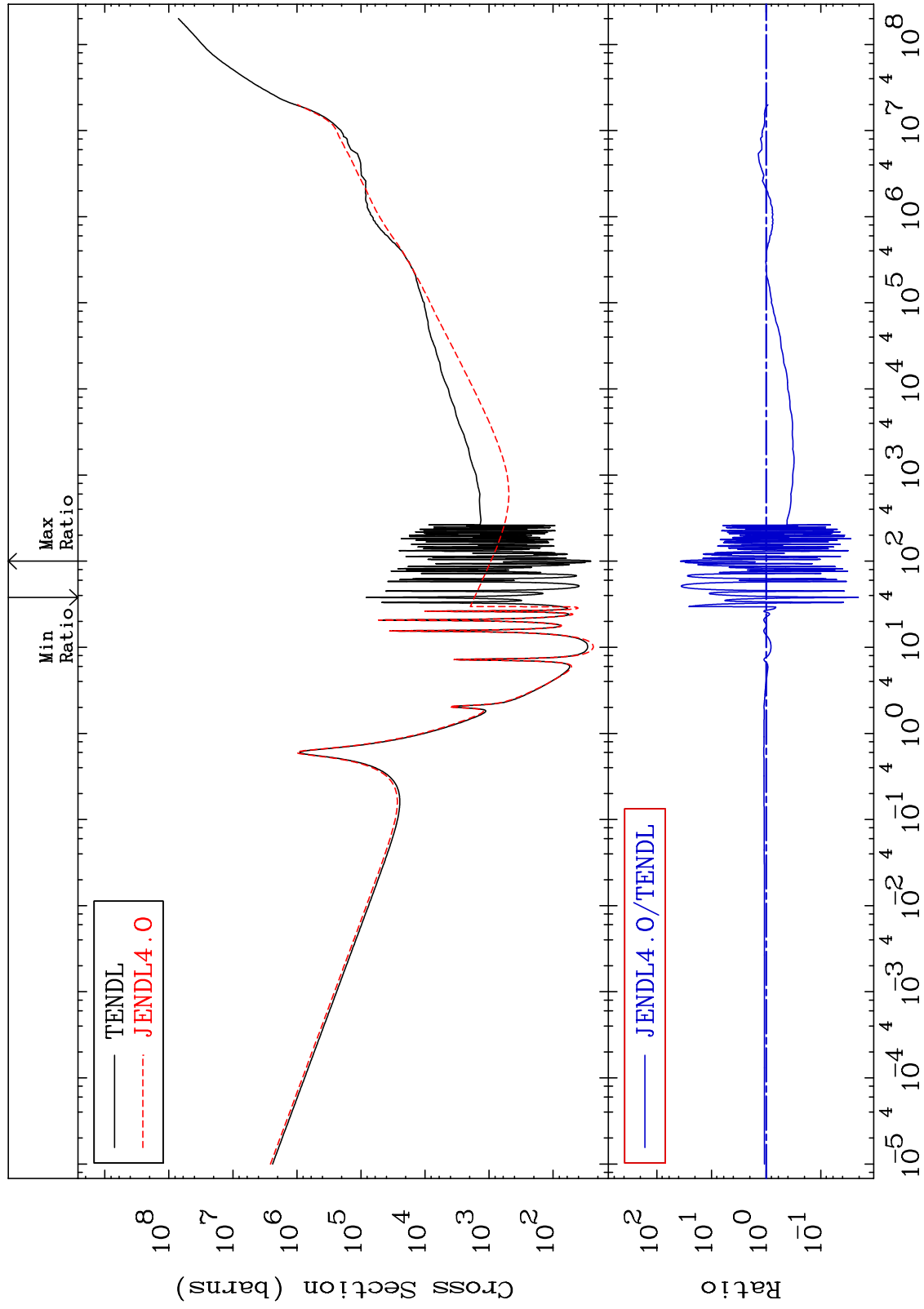
Incident Energy (eV)

63-Eu-155

MAT 6337

Total kinematic kerma (high limit)
Cross Section

63-Eu-155
-97.95 To 3600. %



43

Incident Energy (eV)

63-Eu-155

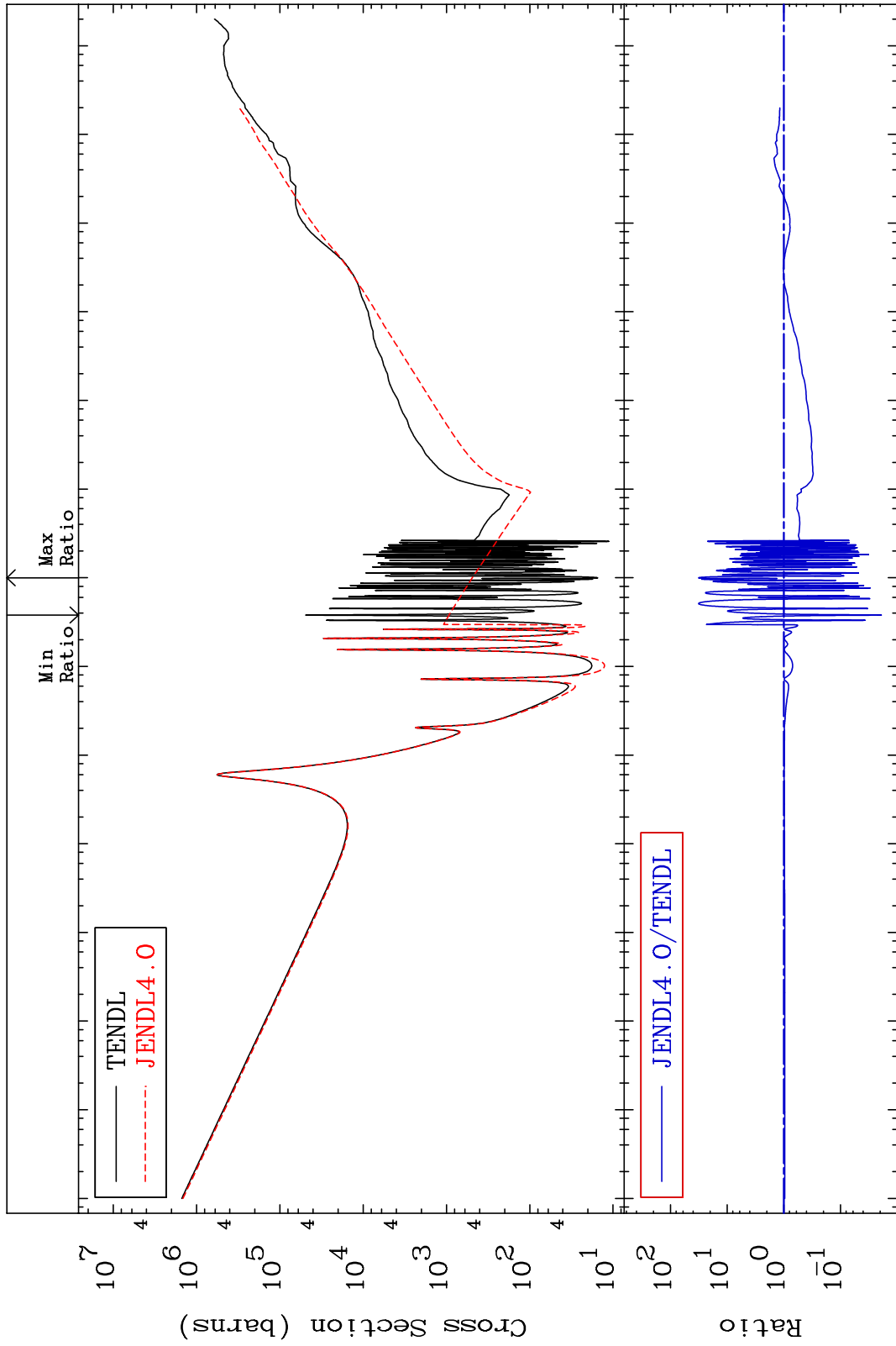
MAT 6337

Dpa total (eV-barns)

63-Eu-155

-98.11 To 3133. %

Cross Section



Ratio

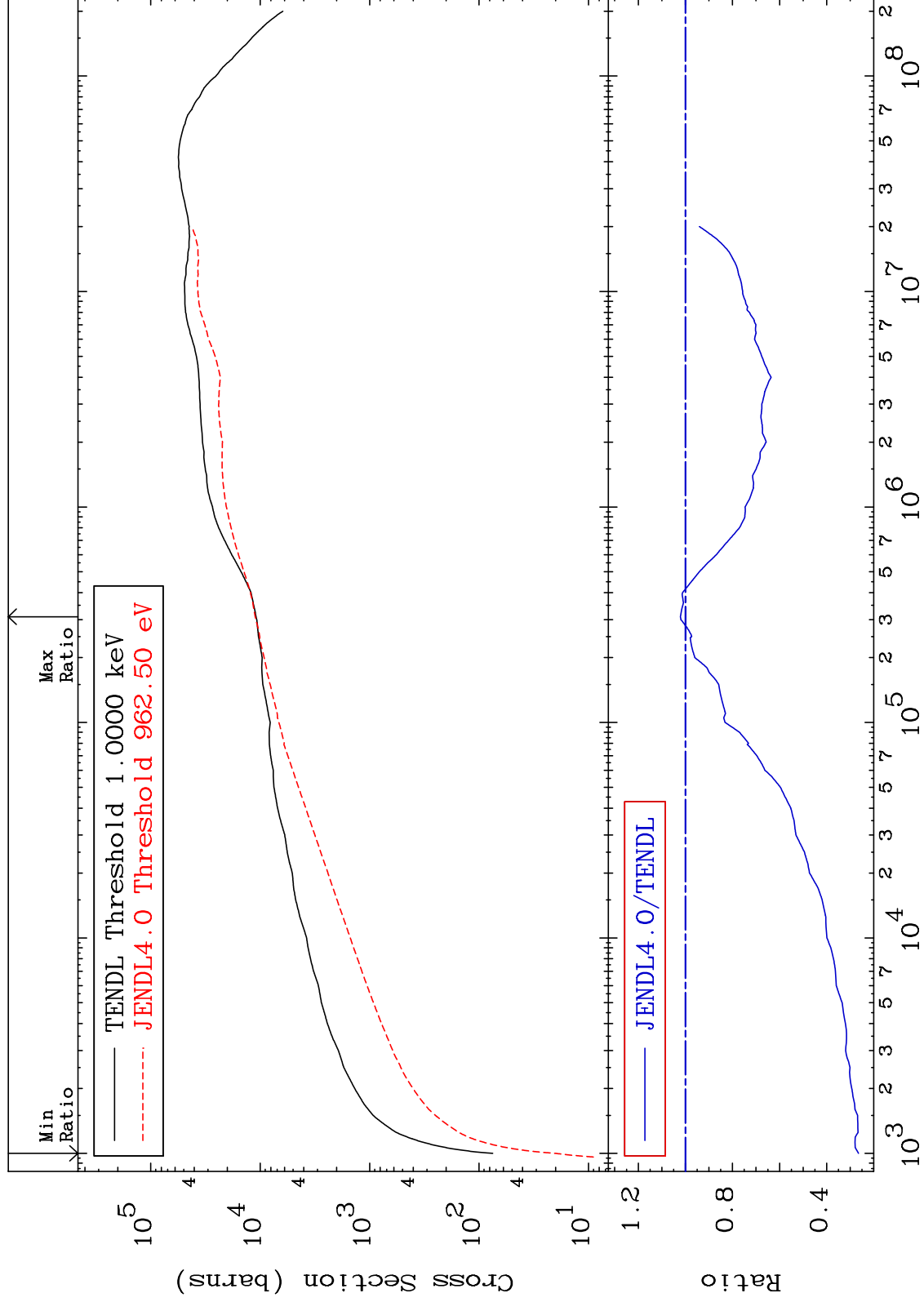
Incident Energy (eV)

63-Eu-155

MAT 6337

Dpa elastic (mt2)
Cross Section

63-Eu-155
-73.52 To 2.094 %



45

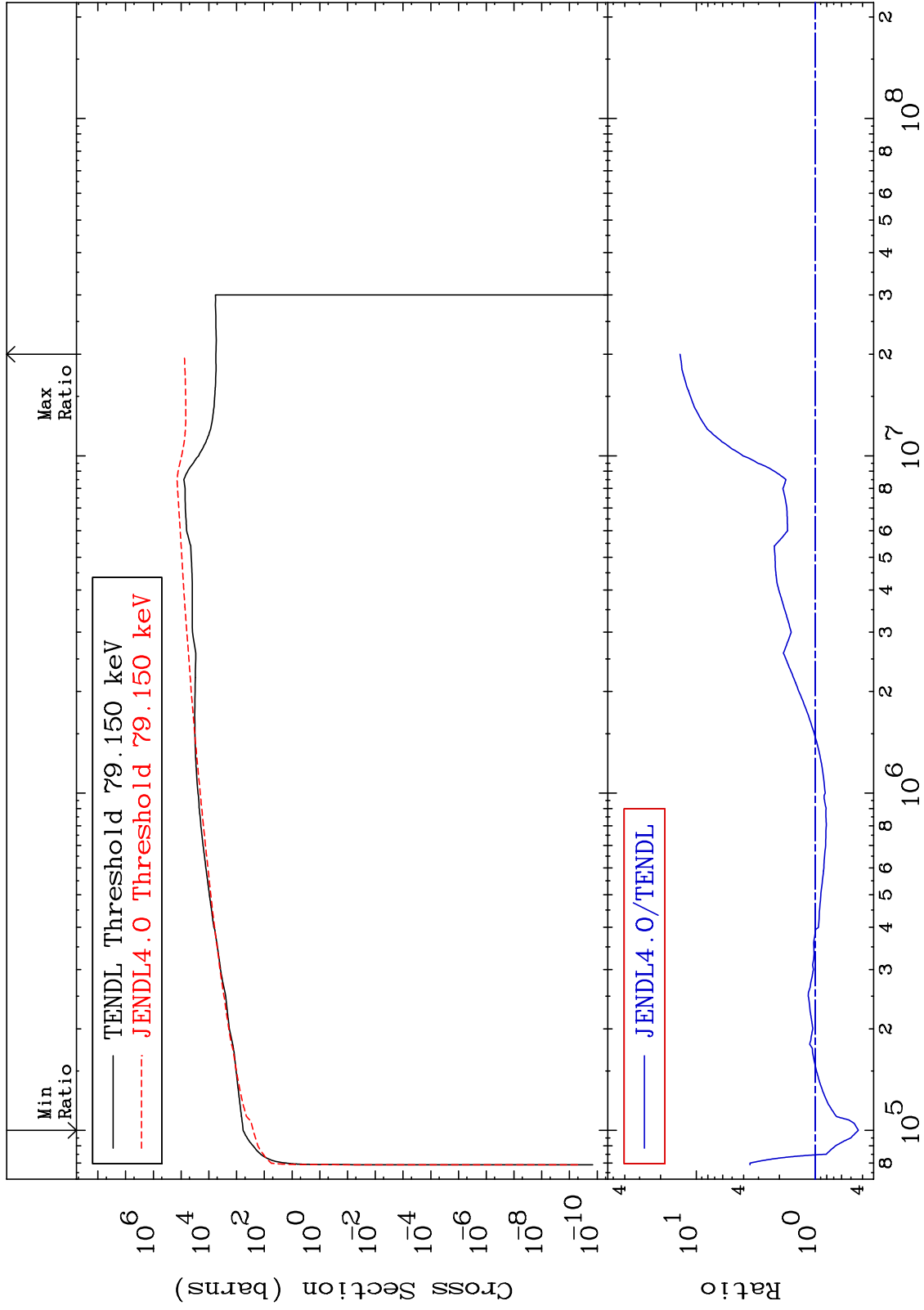
Incident Energy (eV)

63-Eu-155

MAT 6337

Dpa inelastic (mt51-91)
Cross Section

63-Eu-155
-56.68 To 1270. %



46

Incident Energy (eV)

63-Eu-155

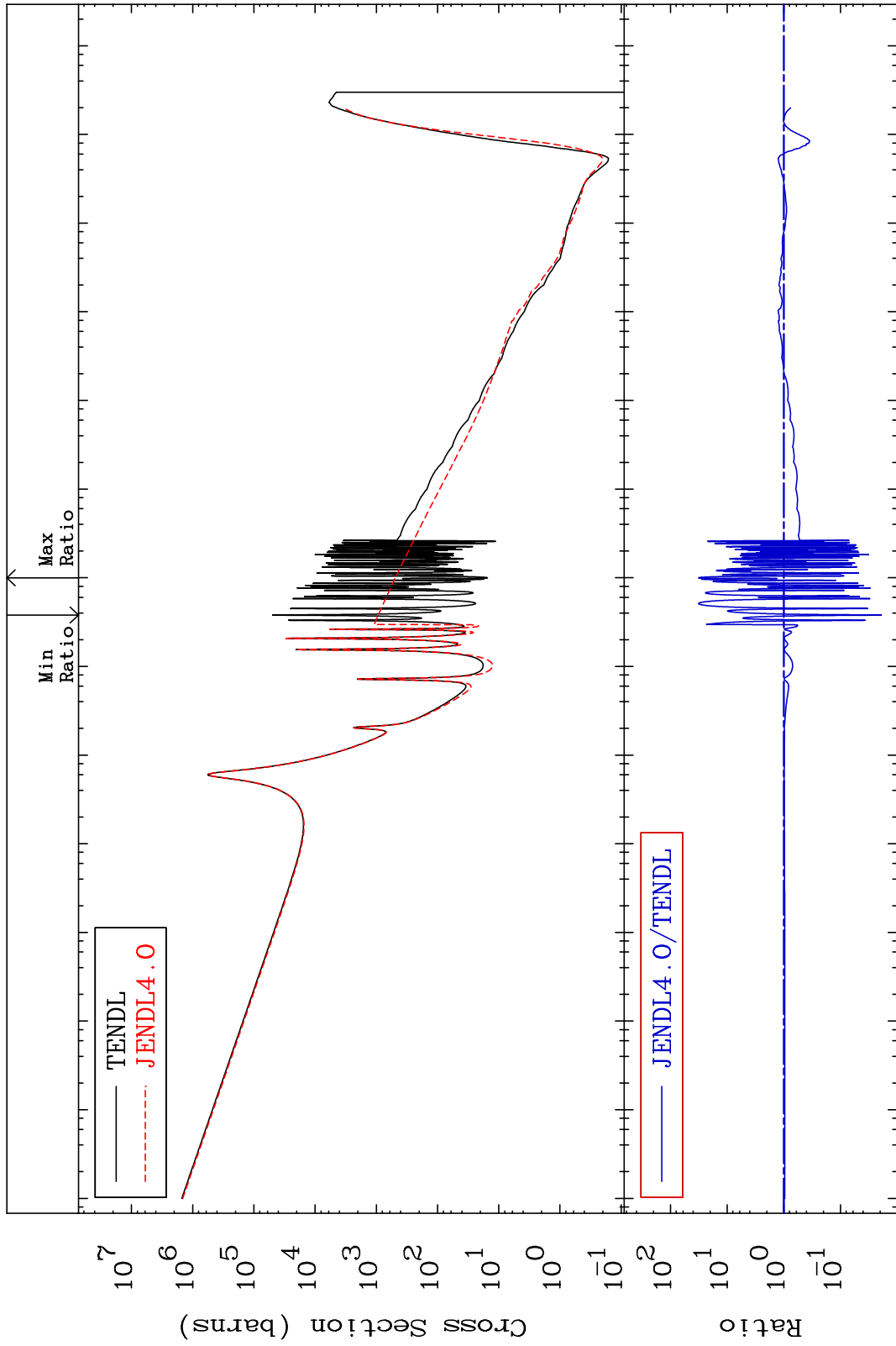
MAT 6337

Dpa disappearance (mt102 -120)

63-Eu-155

-98.11 To 3133. %

Cross Section



Incident Energy (eV)

63-Eu-155