

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

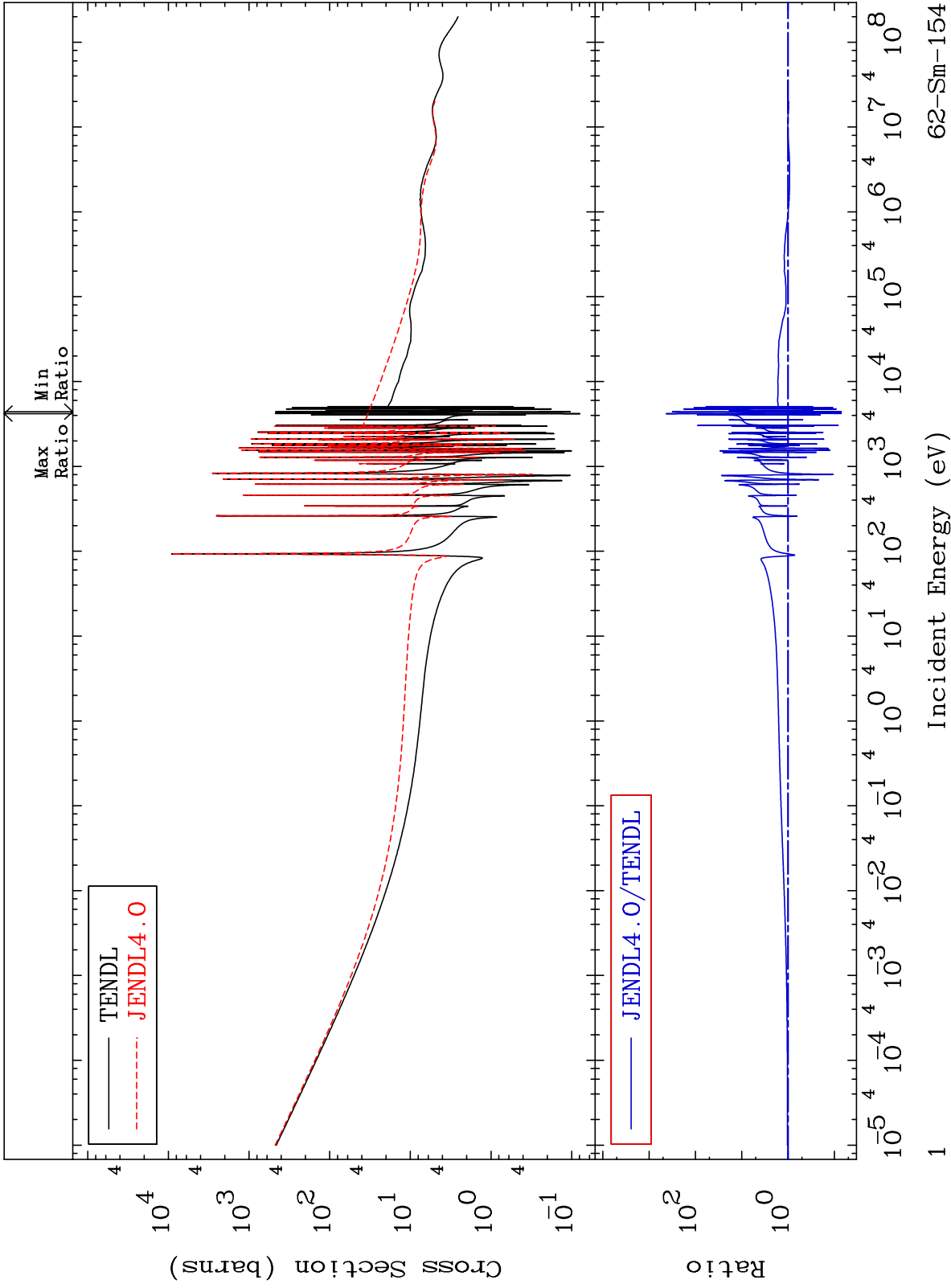
MAT 6255

Total

62-Sm-154

-92.95 To 9999. %

Cross Section

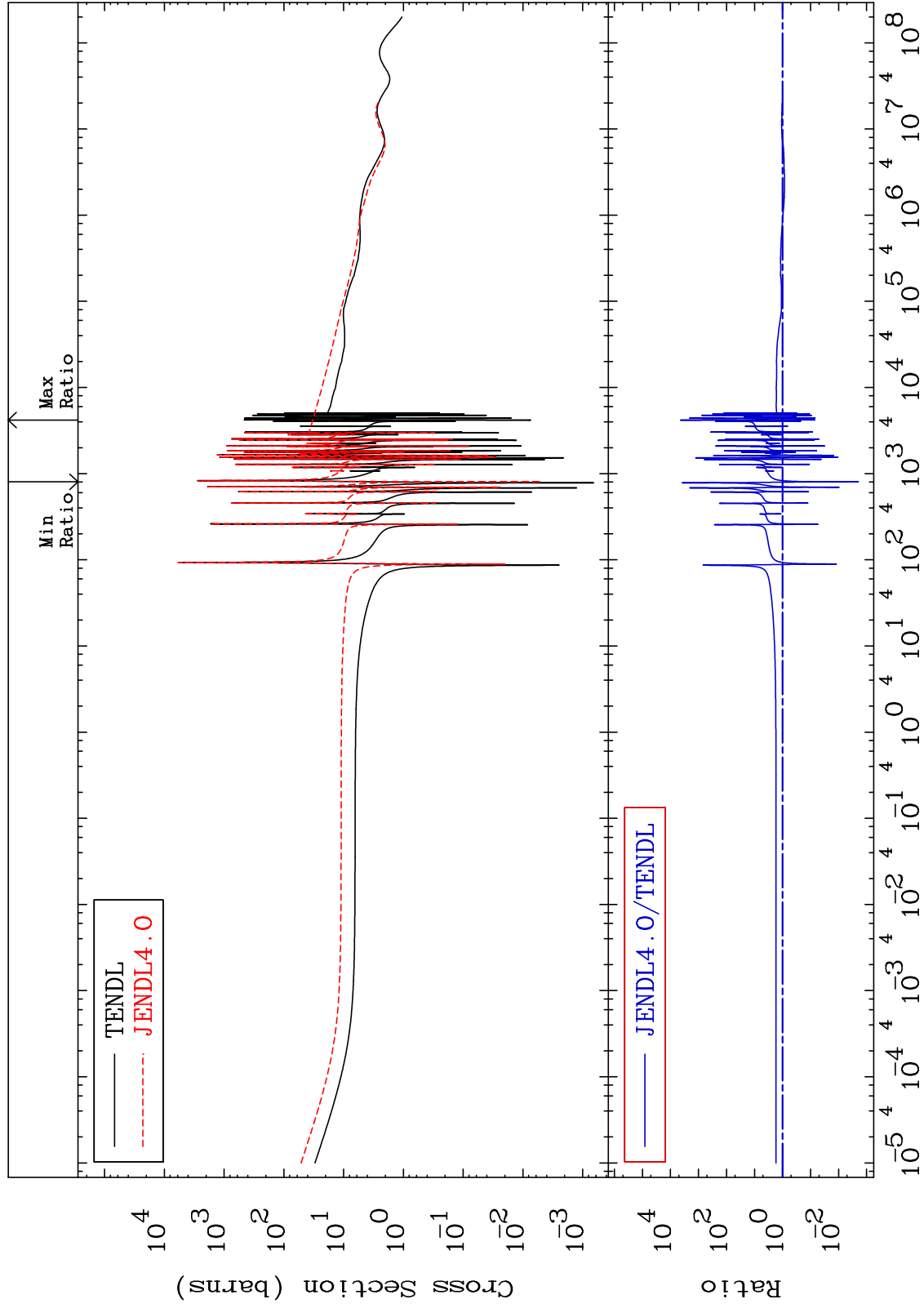


62-Sm-154

MAT 6255

Elastic
Cross Section

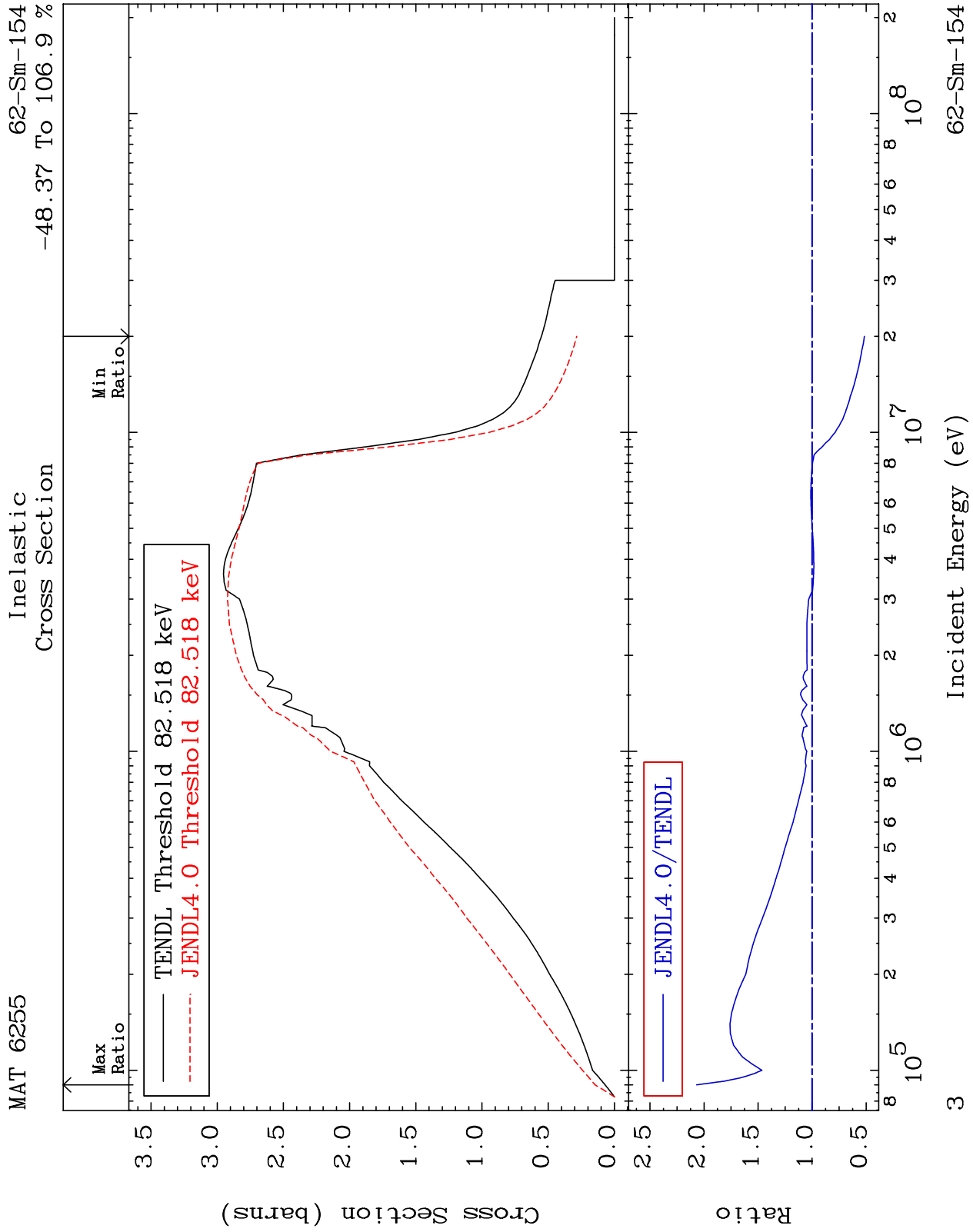
62-Sm-154
-99.81 To 9999. %



2

Incident Energy (eV)

62-Sm-154



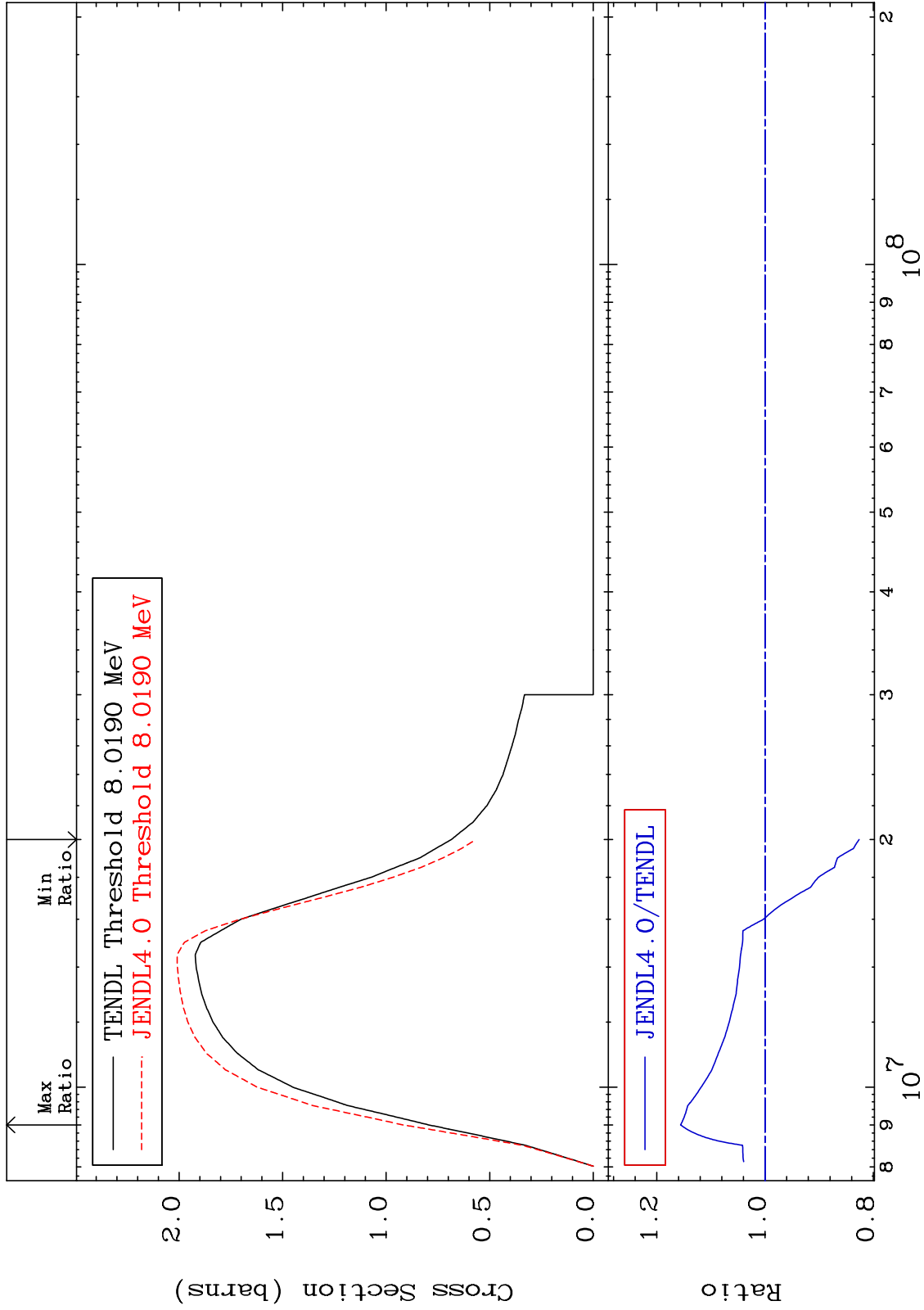
MAT 6255

(n,2n)

62-Sm-154

Cross Section

-17.39 To 15.61 %



4

Incident Energy (eV)

62-Sm-154

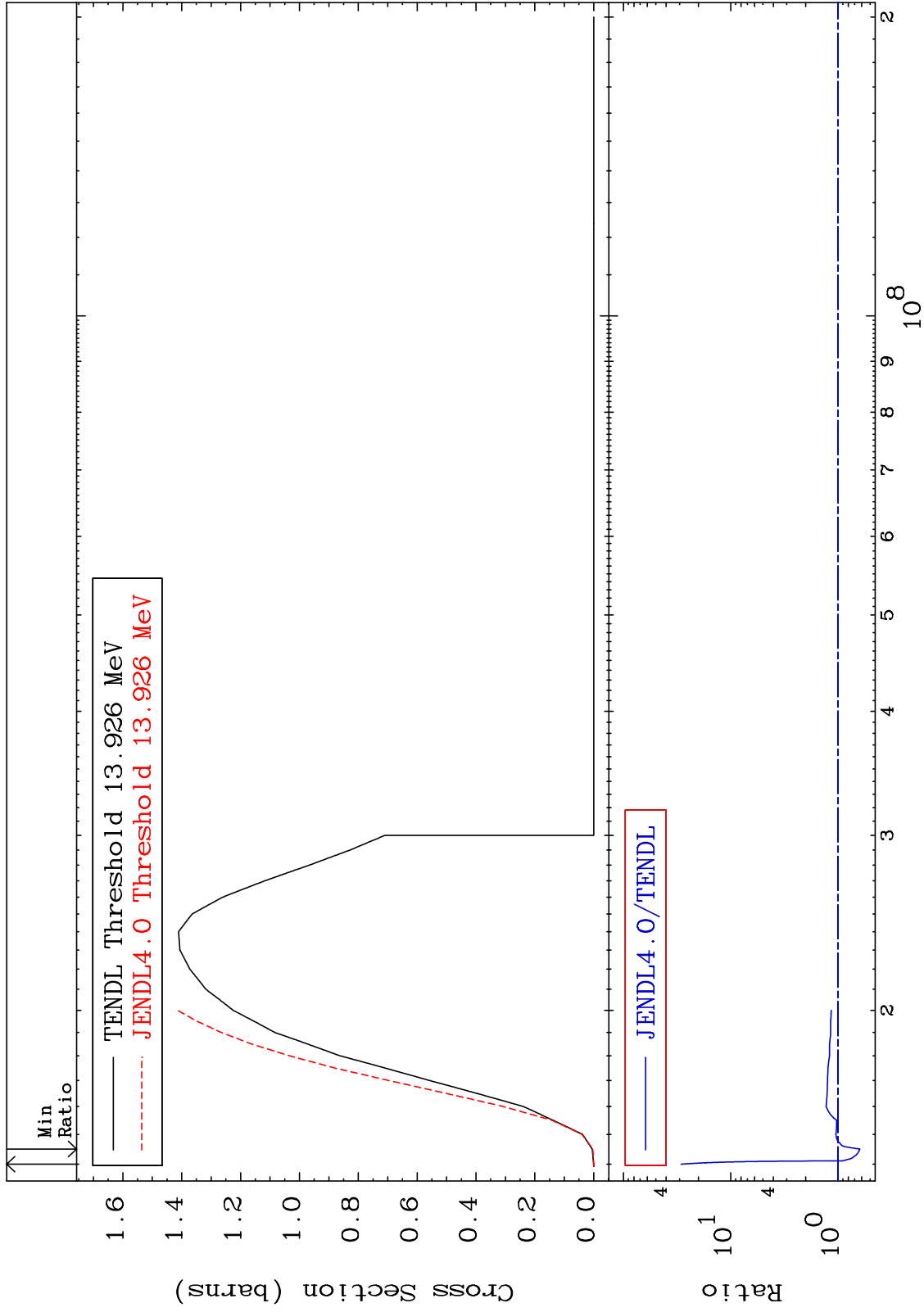
MAT 6255

(n,3n)

62-Sm-154

Cross Section

-37.65 To 2794. %



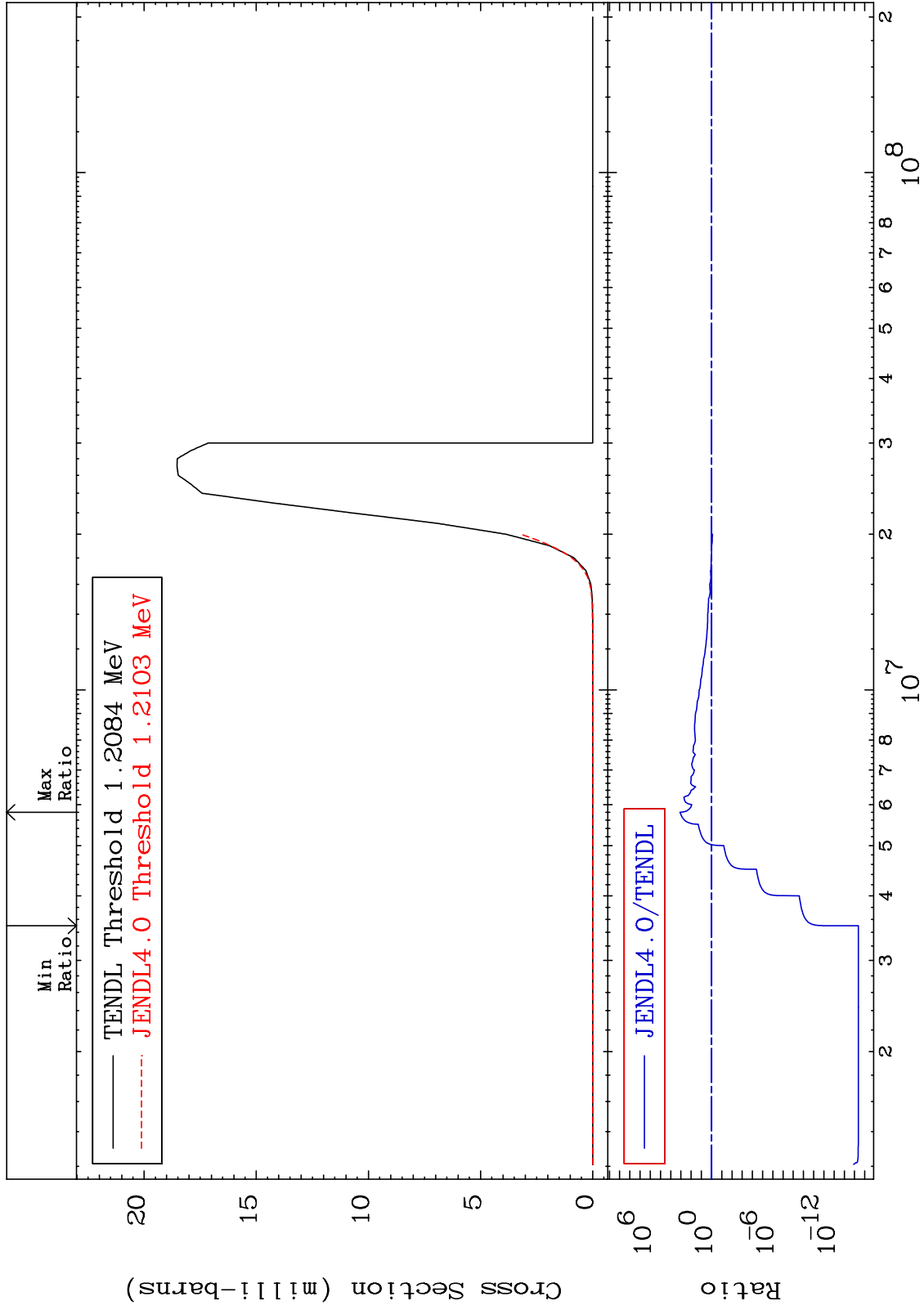
MAT 6255

(n, n') α

62-Sm-154

-100.0 To 9999. %

Cross Section



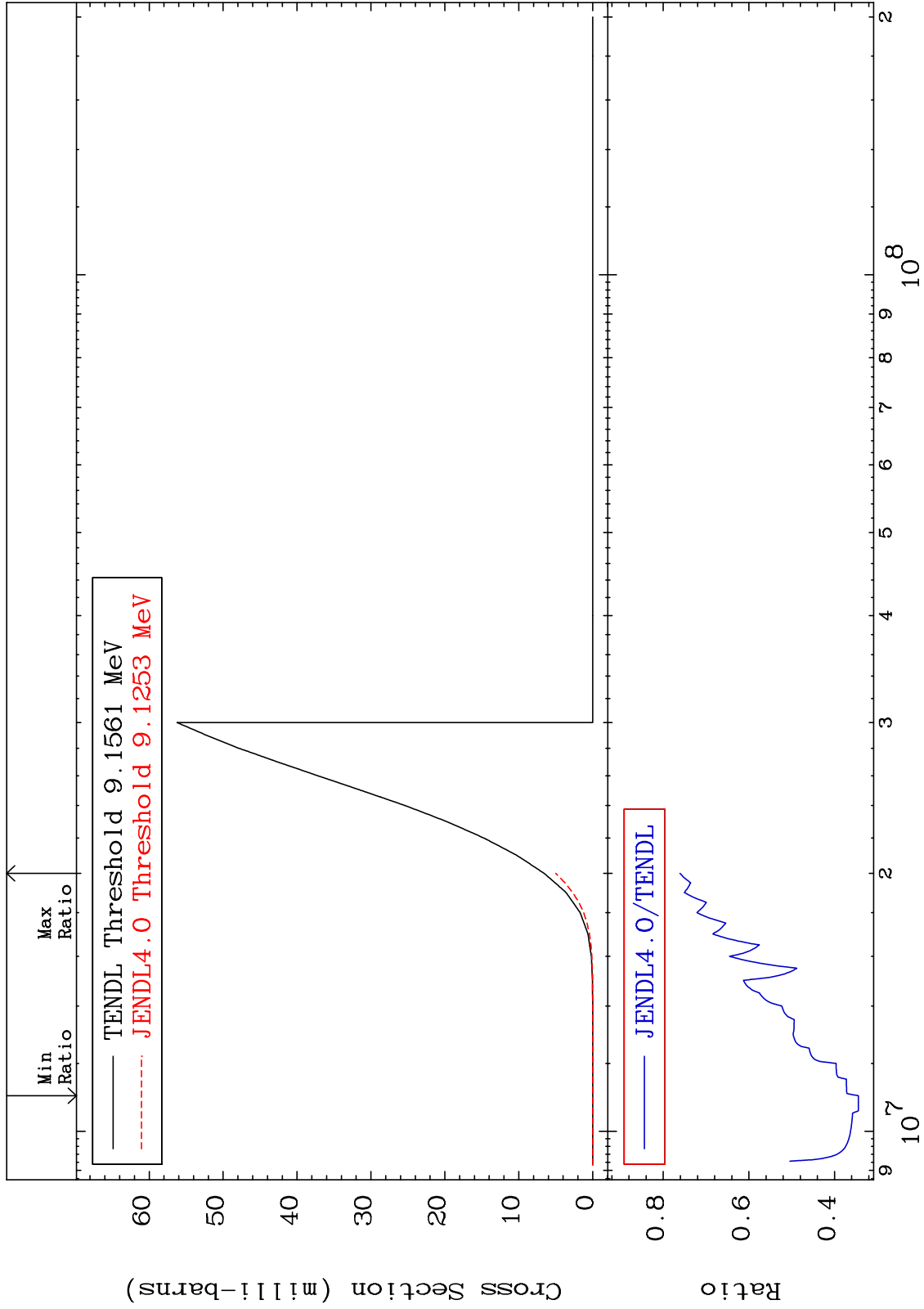
MAT 6255

(n,n') p

62-Sm-154

Cross Section

-65.59 To -23.91%



62-Sm-154

62-Sm-154

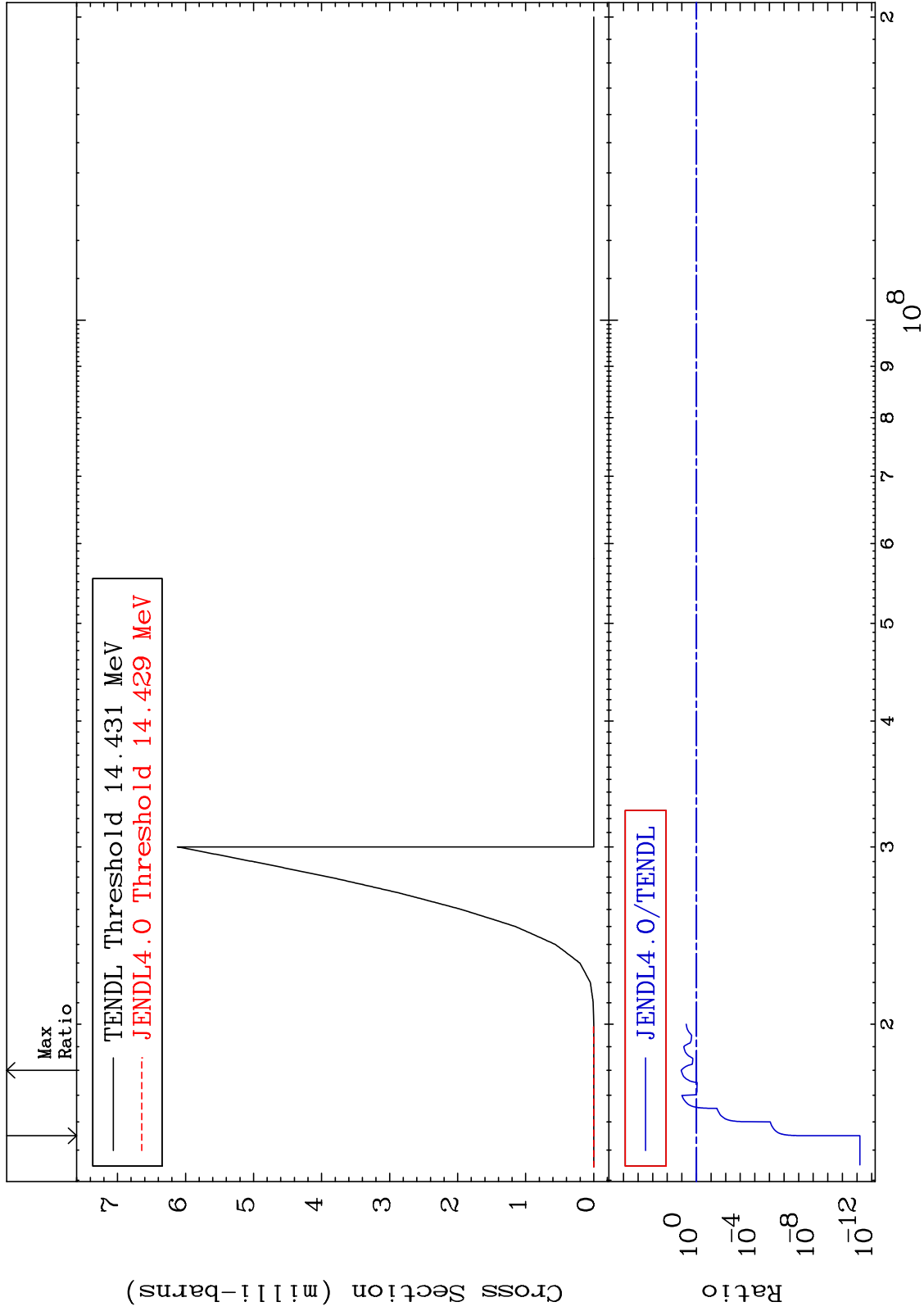
MAT 6255

(n, n') d

62-Sm-154

Cross Section

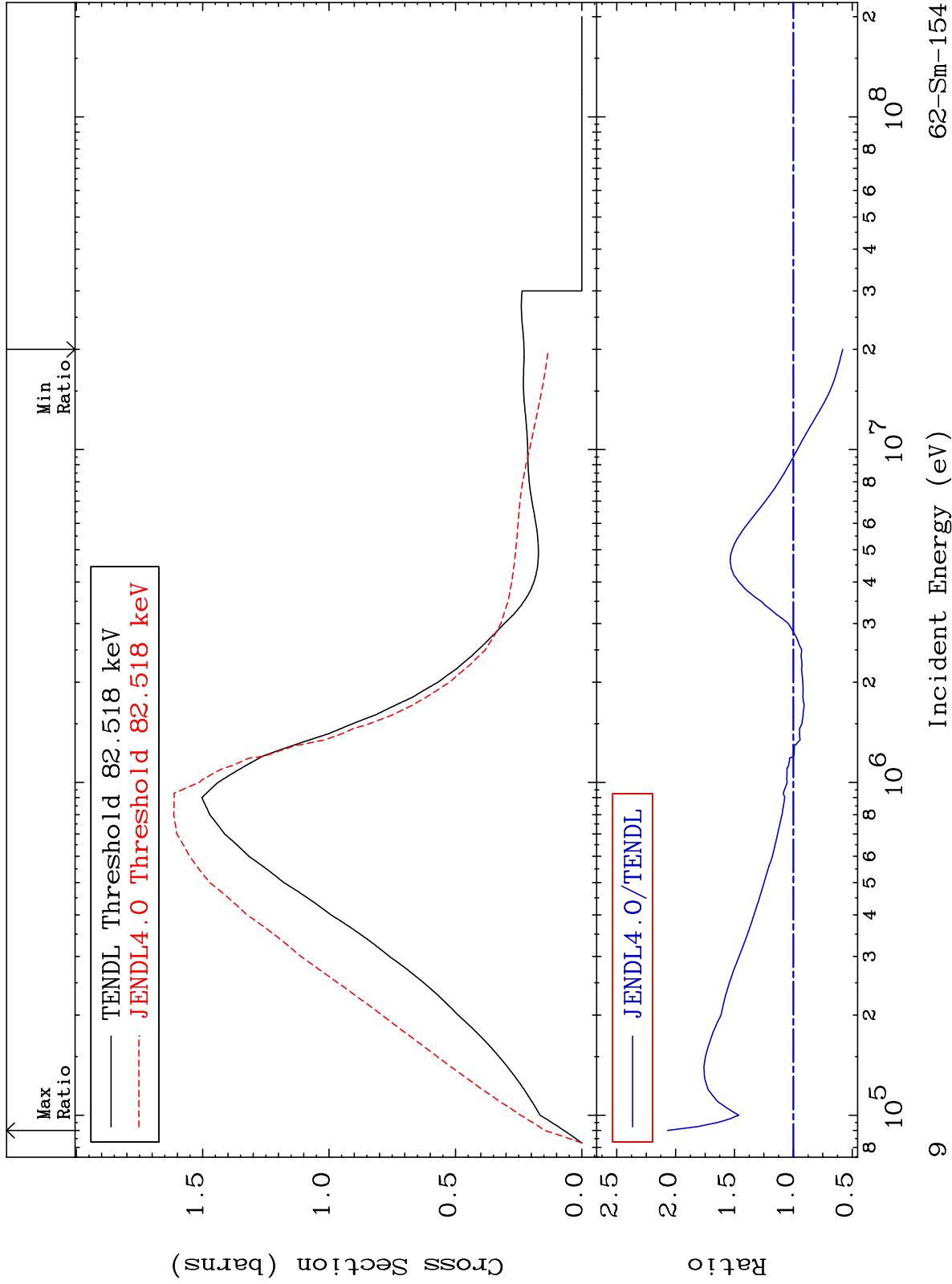
-100.0 To 1005. %



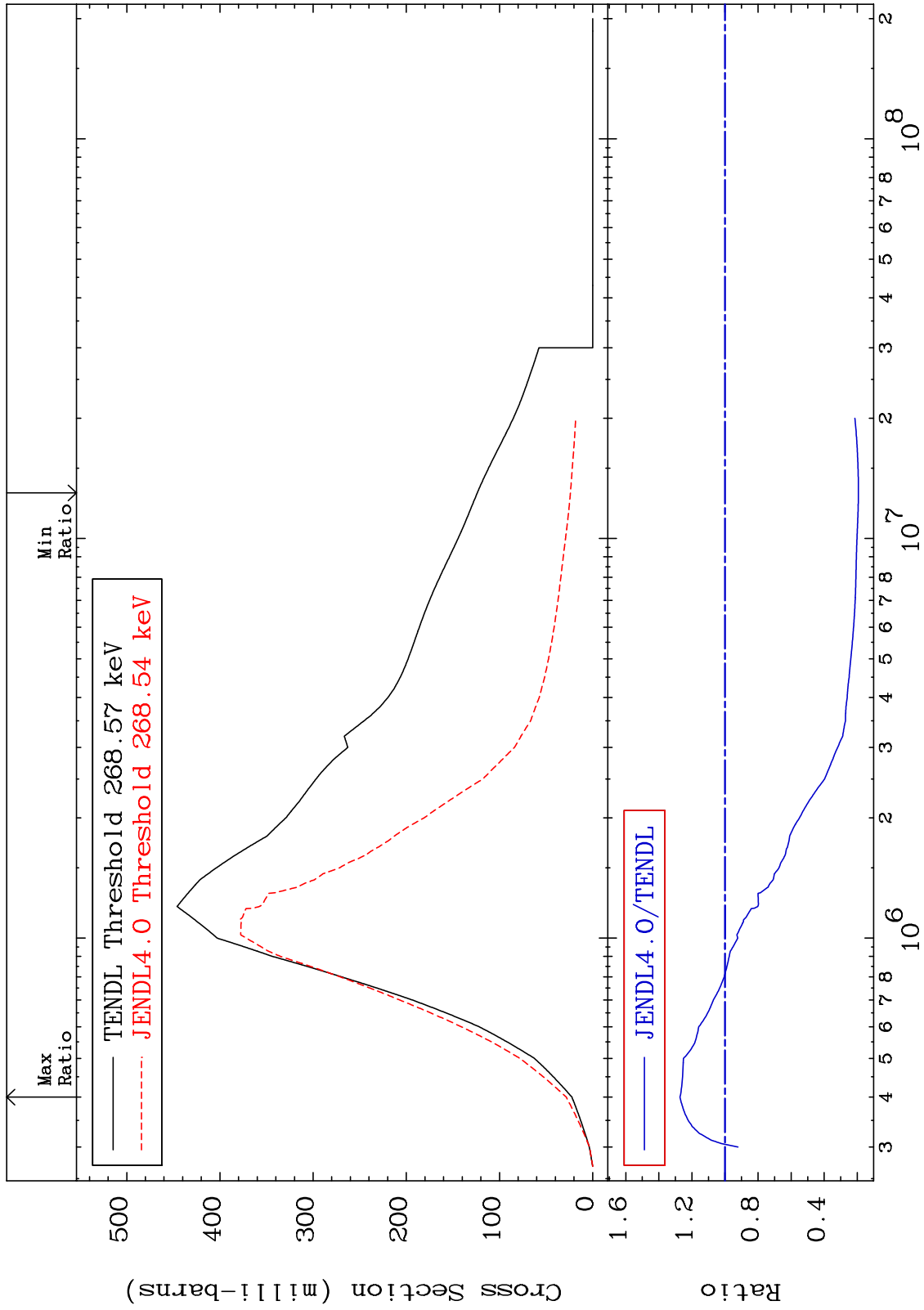
MAT 6255

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

62-Sm-154
-41.90 To 106.9 %

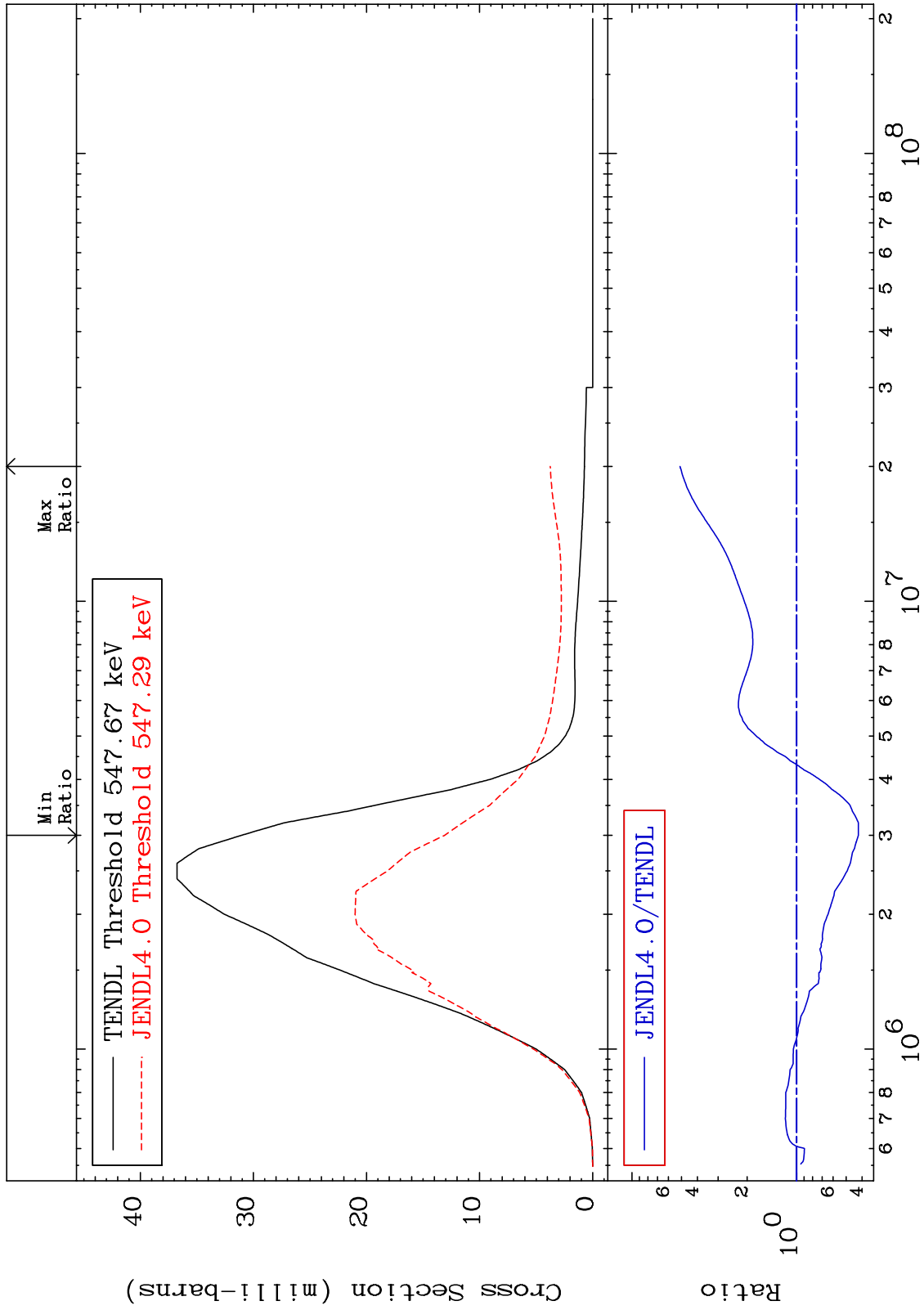


MAT 6255 MT= 52 (n,n') Level Cross Section 62-Sm-154
 -80.69 To 27.19 %



10 Incident Energy (eV) 62-Sm-154

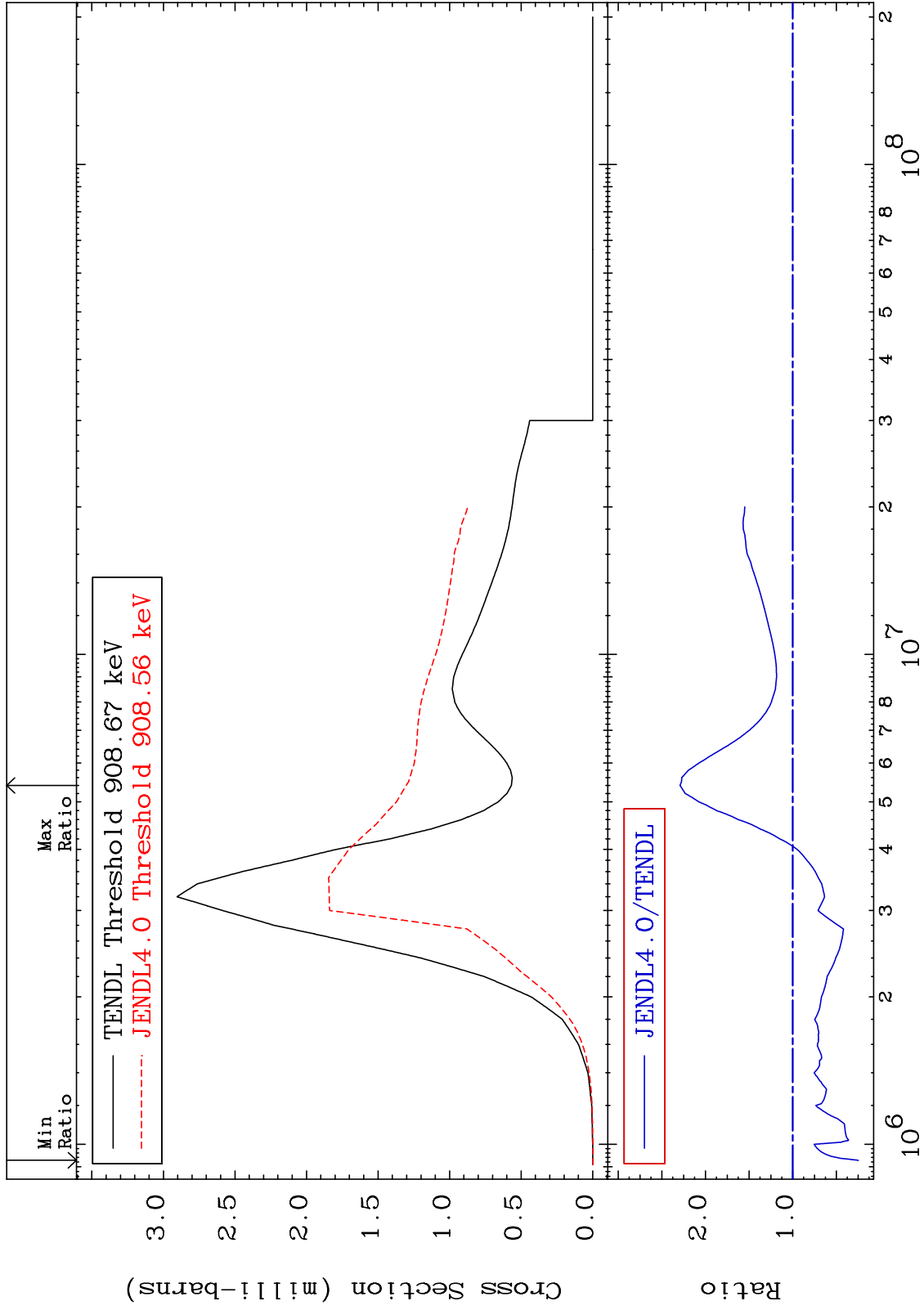
MAT 6255 MT= 53 (n,n') Level 62-Sm-154
 Cross Section -57.86 To 410.4 %



MAT 6255

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

62-Sm-154
-75.32 To 129.2 %



12

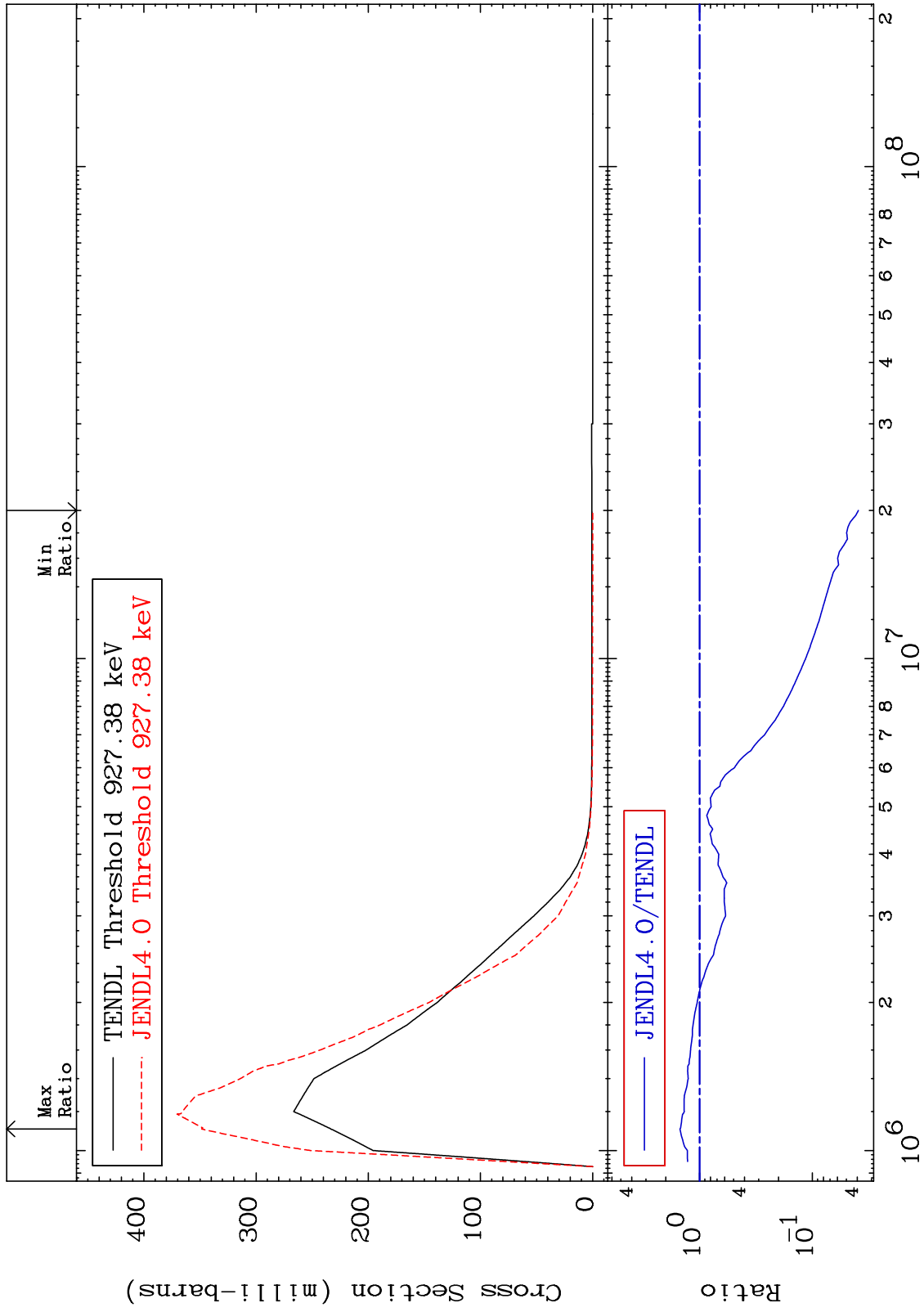
62-Sm-154

62-Sm-154

MAT 6255

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

62-Sm-154
-96.09 To 49.34 %



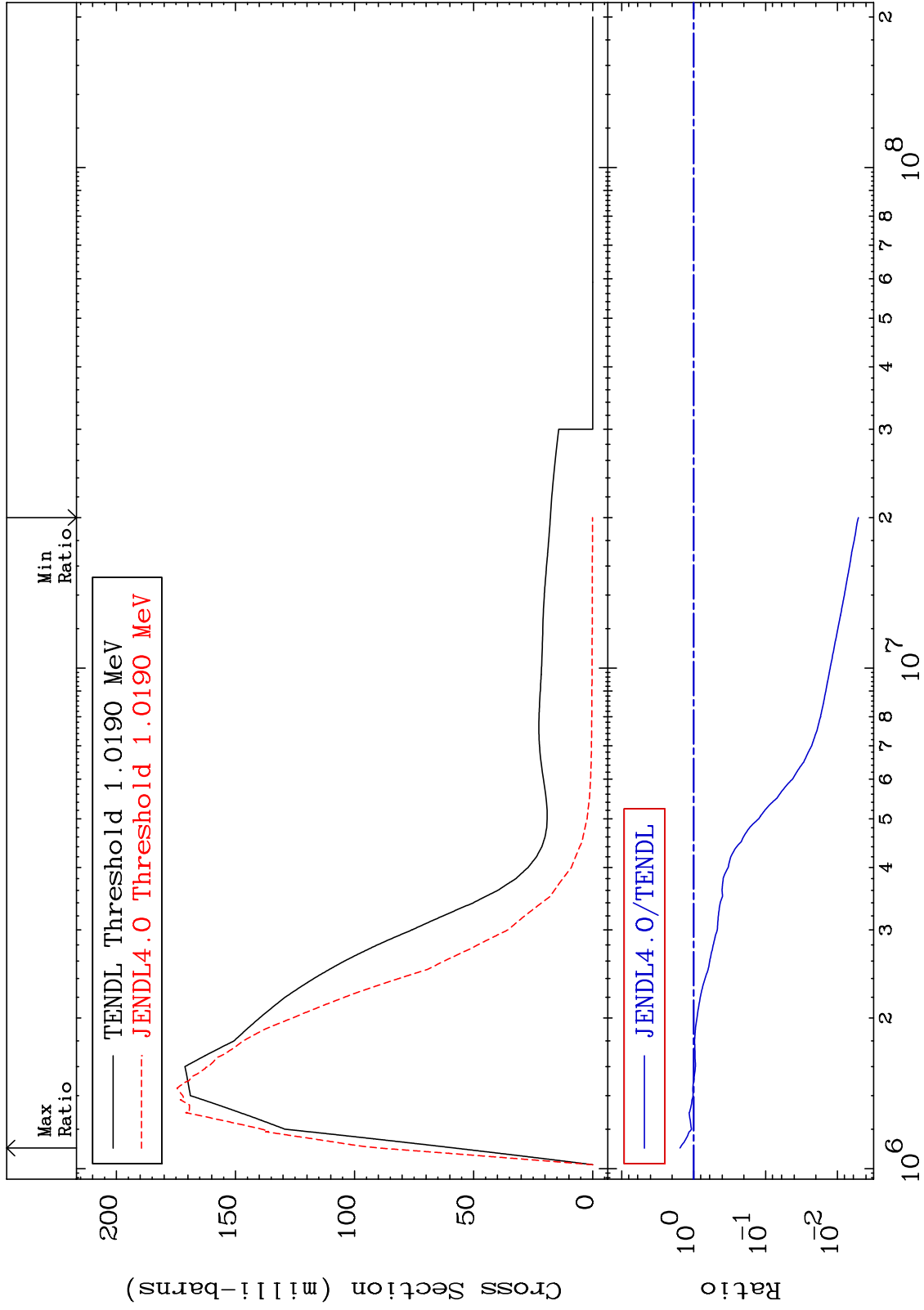
13

62-Sm-154

MAT 6255

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

62-Sm-154
-99.49 To 54.90 %



14

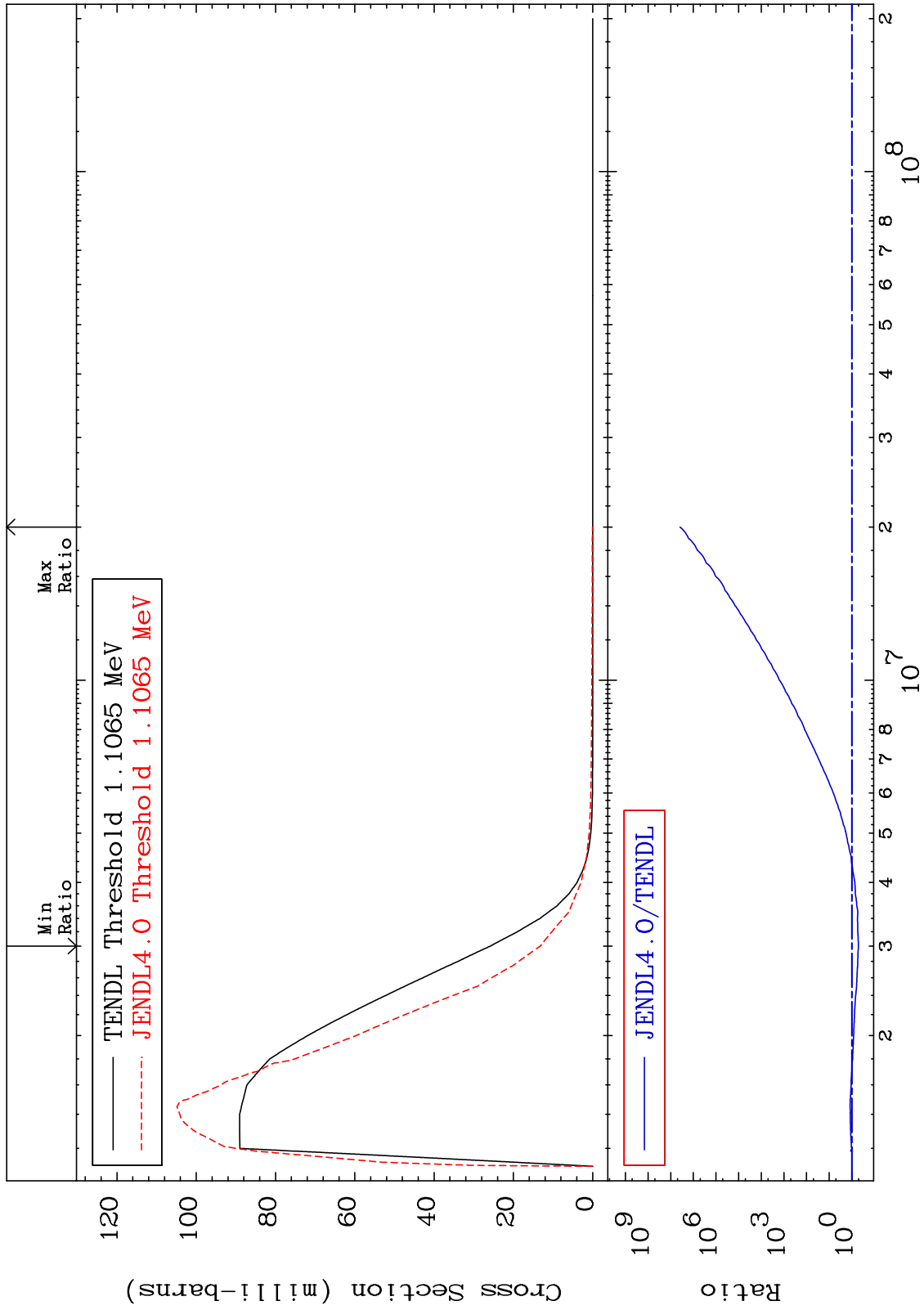
Incident Energy (eV)

62-Sm-154

MAT 6255

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

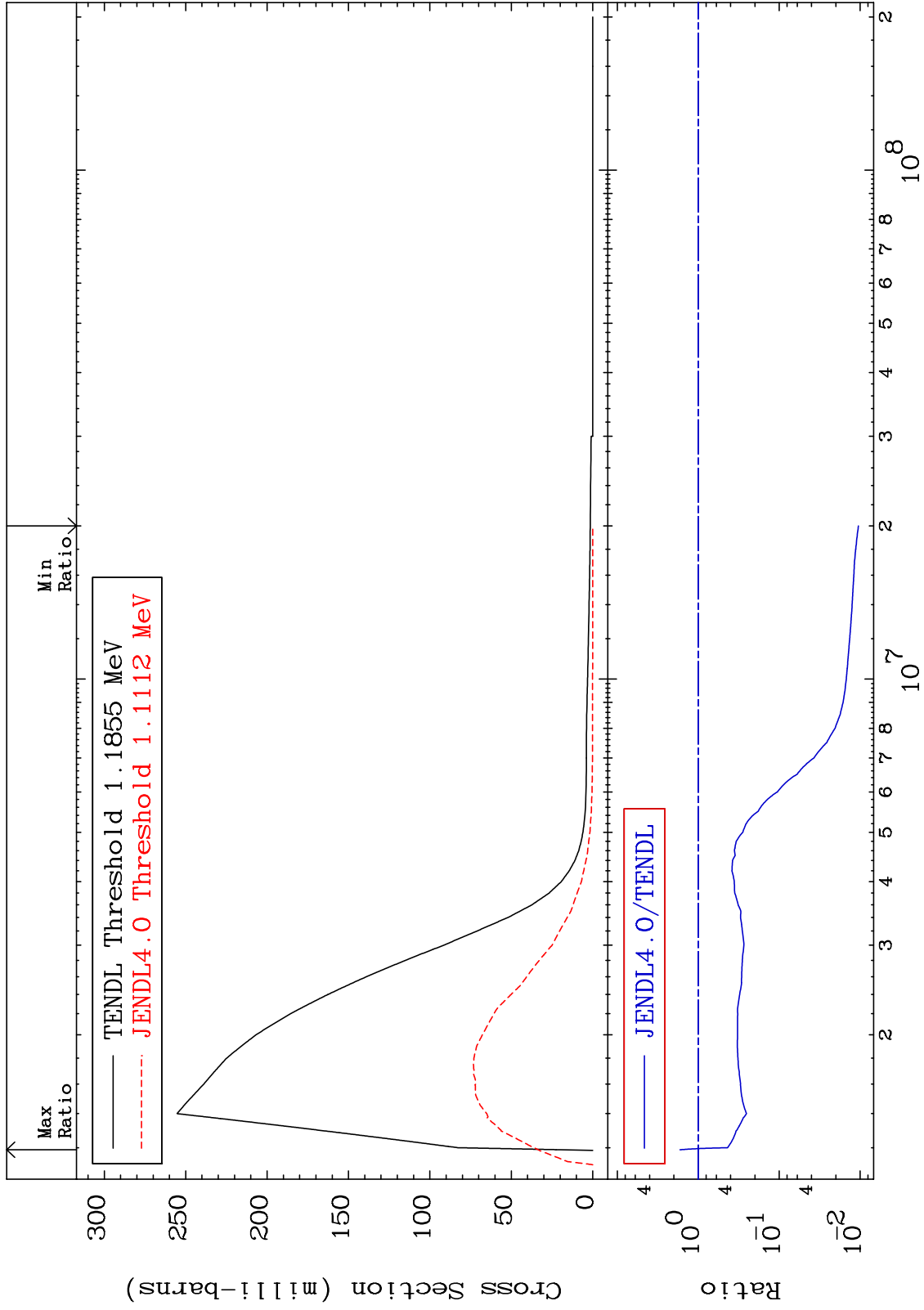
62-Sm-154
-48.89 To 9999. %



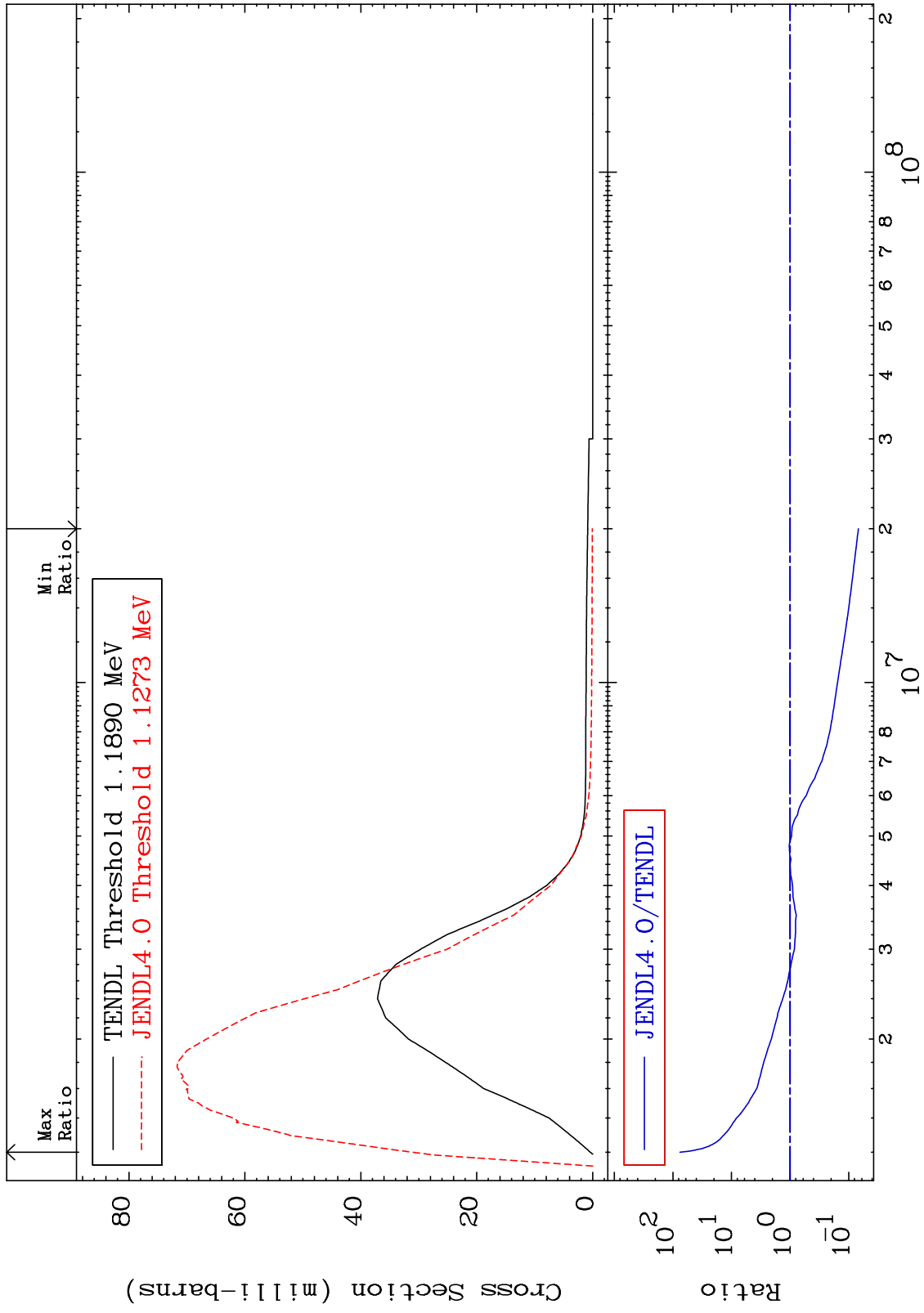
MAT 6255

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

62-Sm-154
-98.95 To 68.27 %



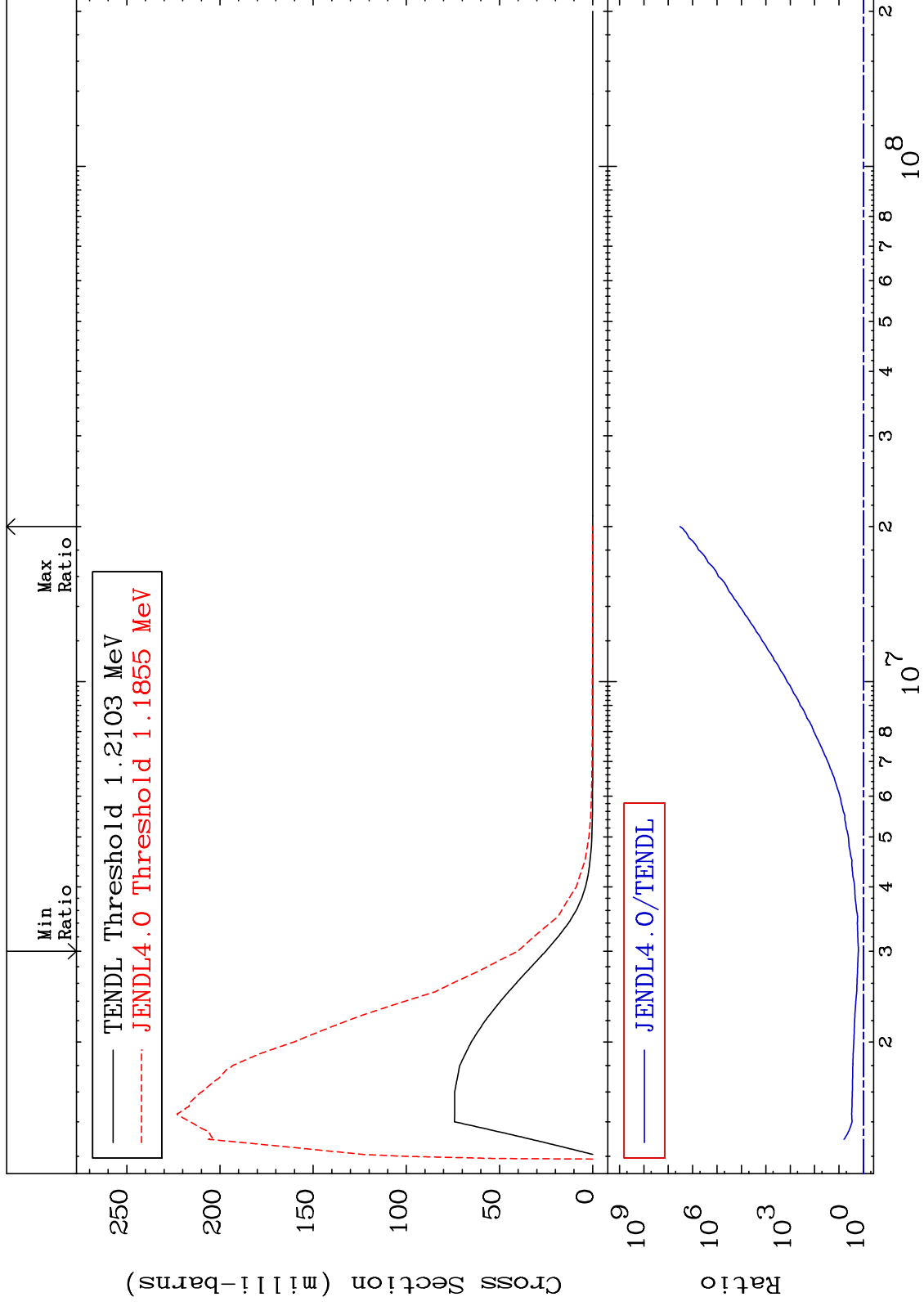
MAT 6255 MT= 59 (n, n') Level Cross Section 62-Sm-154 -93.15 To 7464. %



MAT 6255

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

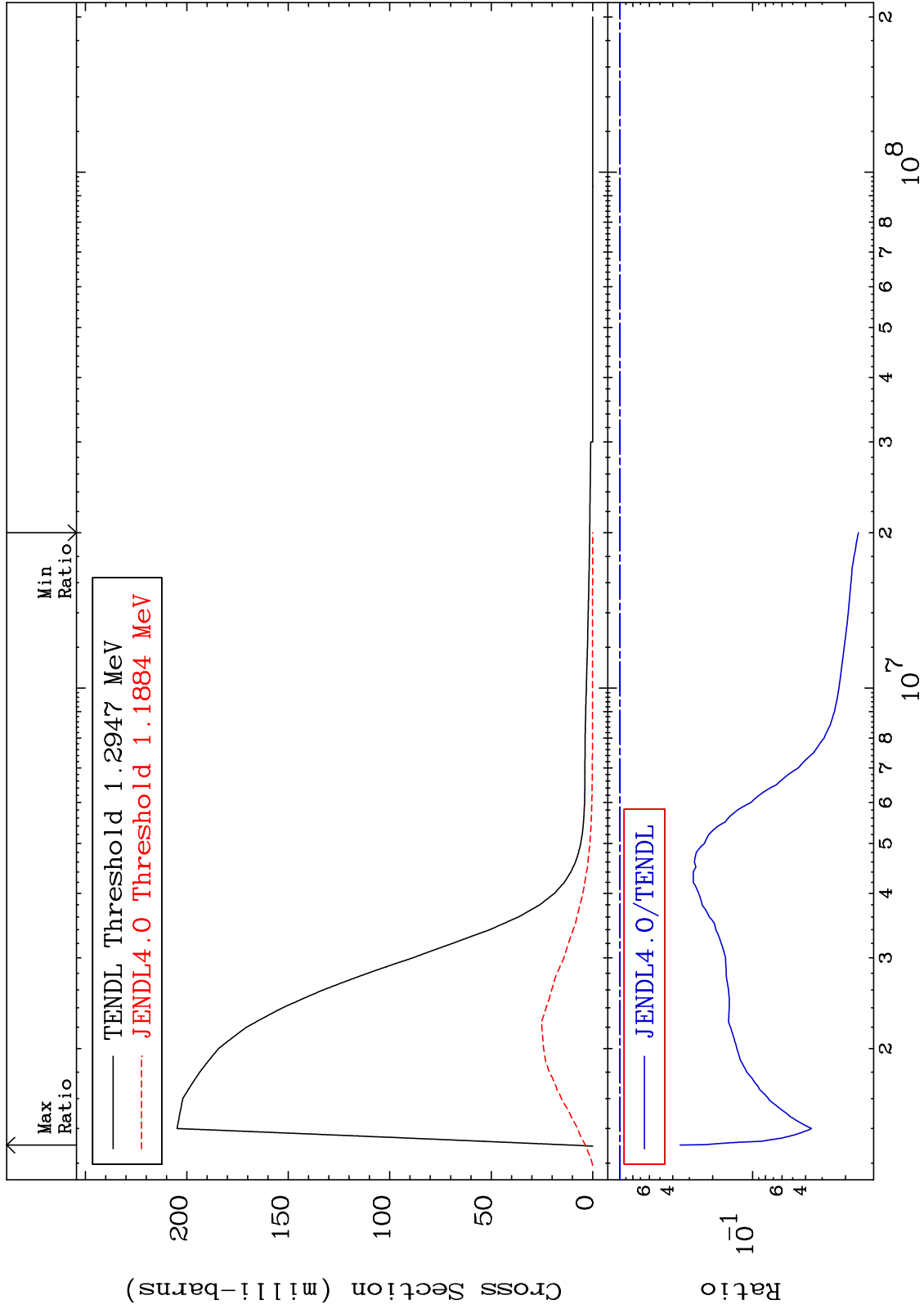
62-Sm-154
59.72 To 9999. %



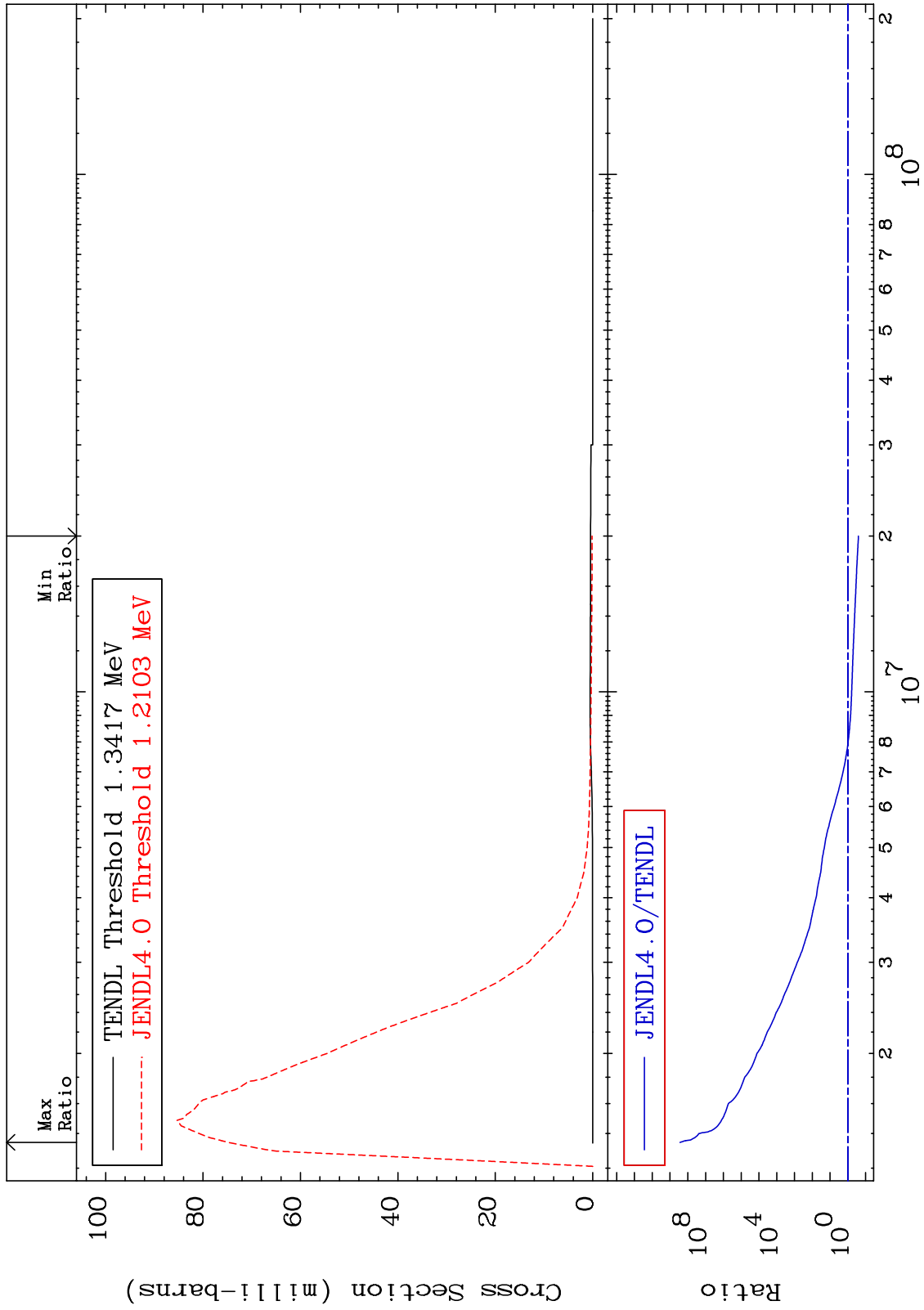
MAT 6255

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

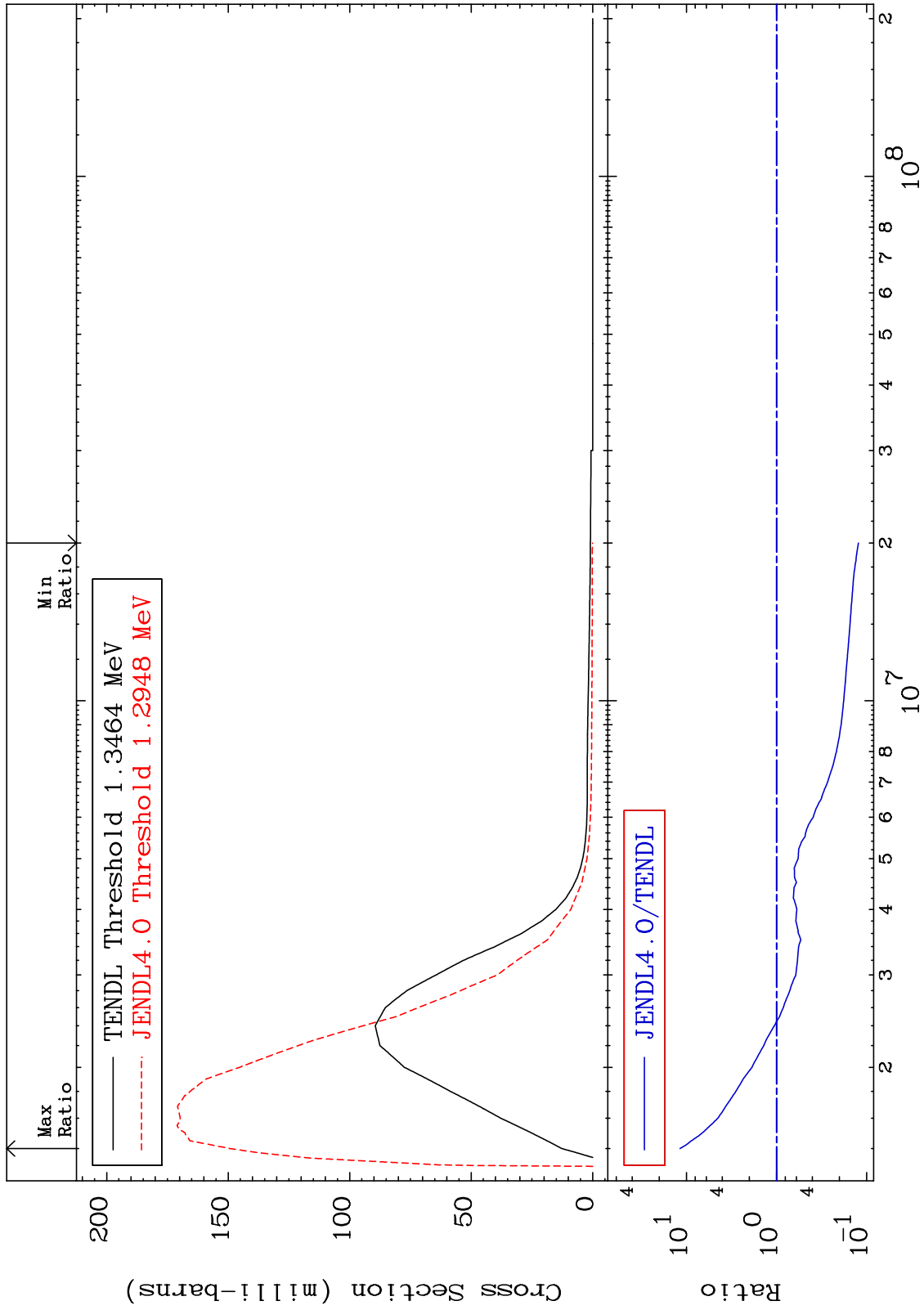
62-Sm-154
-98.40 To -64.76%



MAT 6255 MT= 62 (n,n') Level
Cross Section 62-Sm-154
-74.46 To 9999. %



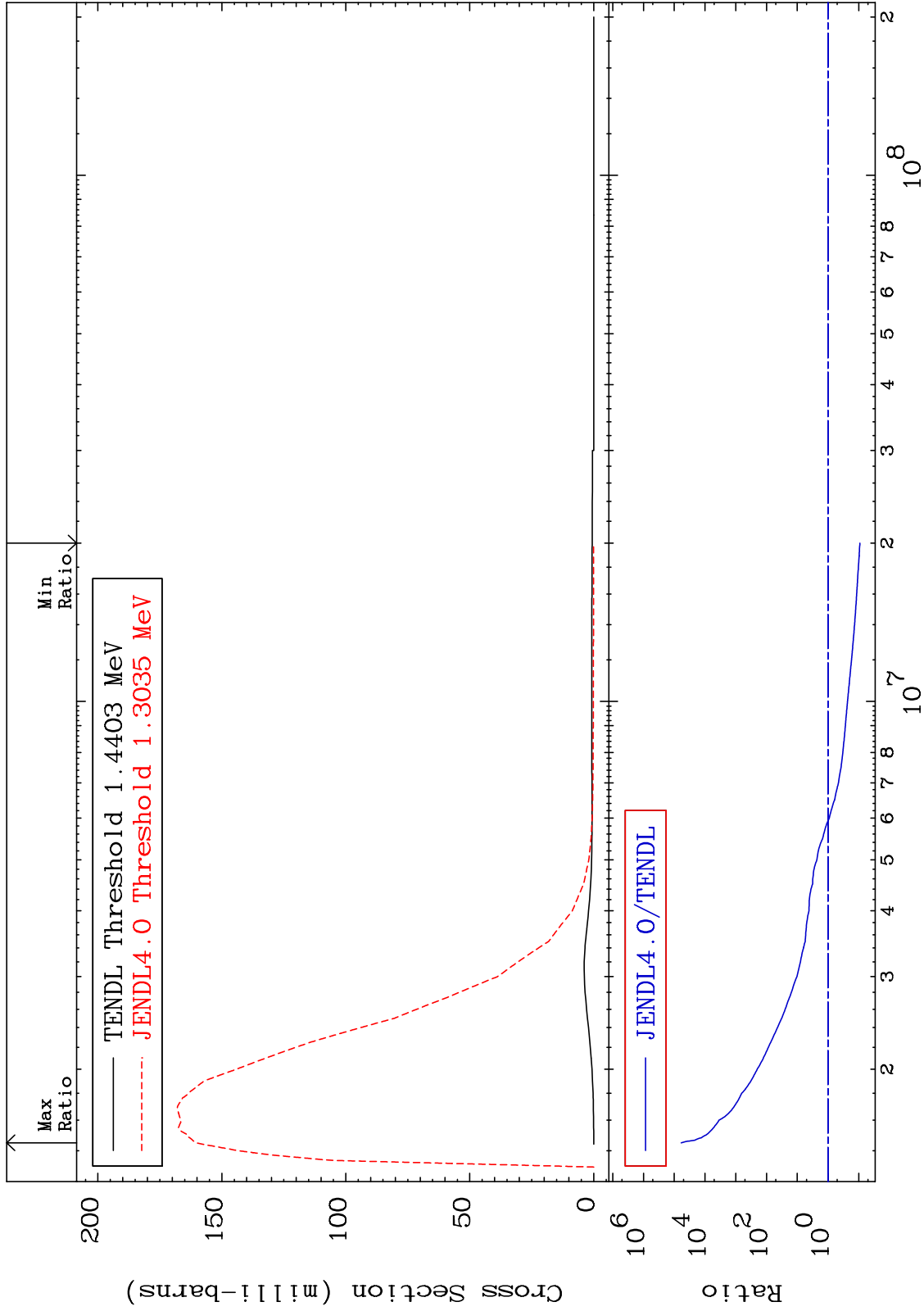
MAT 6255 MT= 63 (n,n') Level Cross Section 62-Sm-154 -87.69 To 1077. %



MAT 6255

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

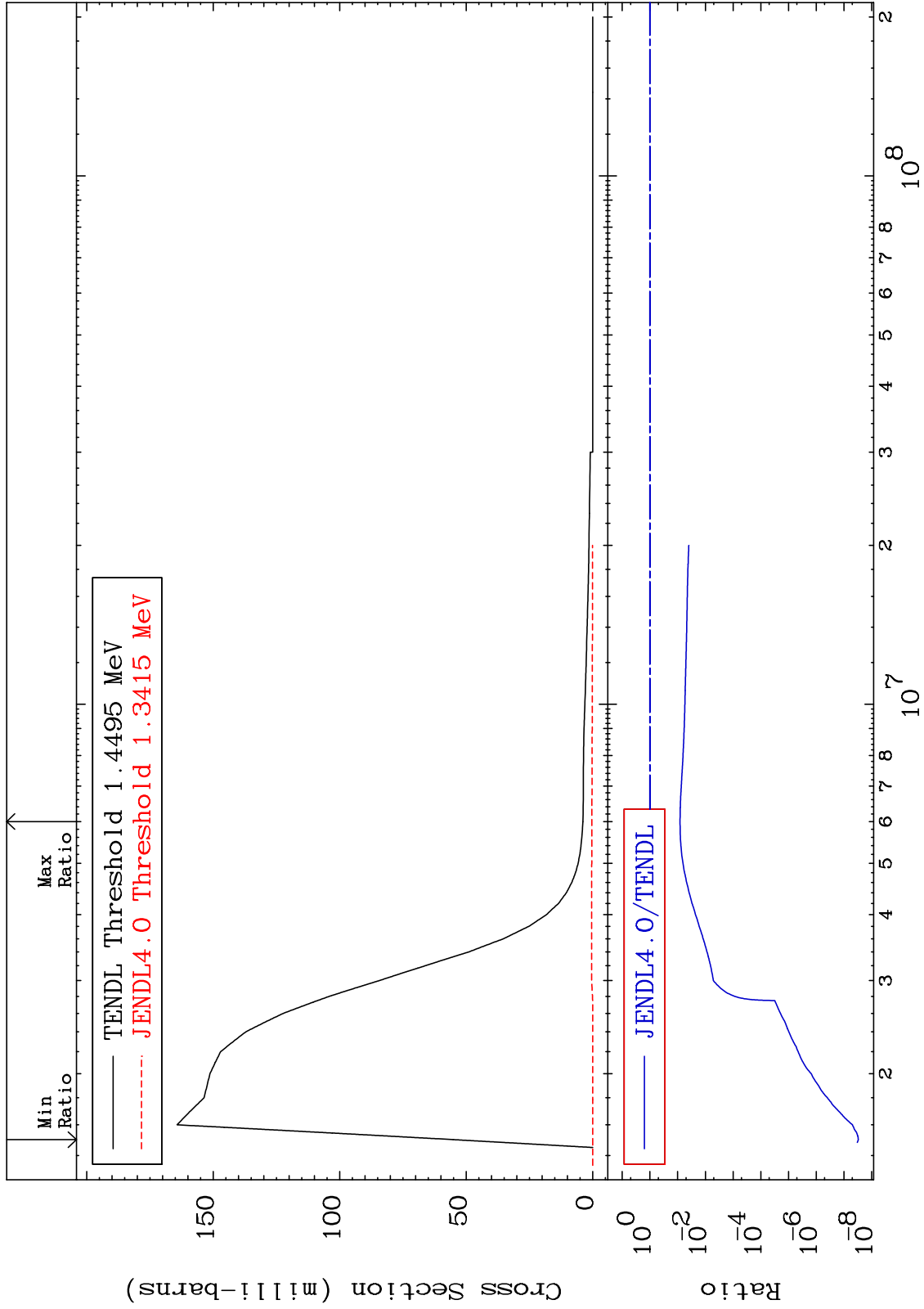
62-Sm-154
-90.86 To 9999. %



MAT 6255

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

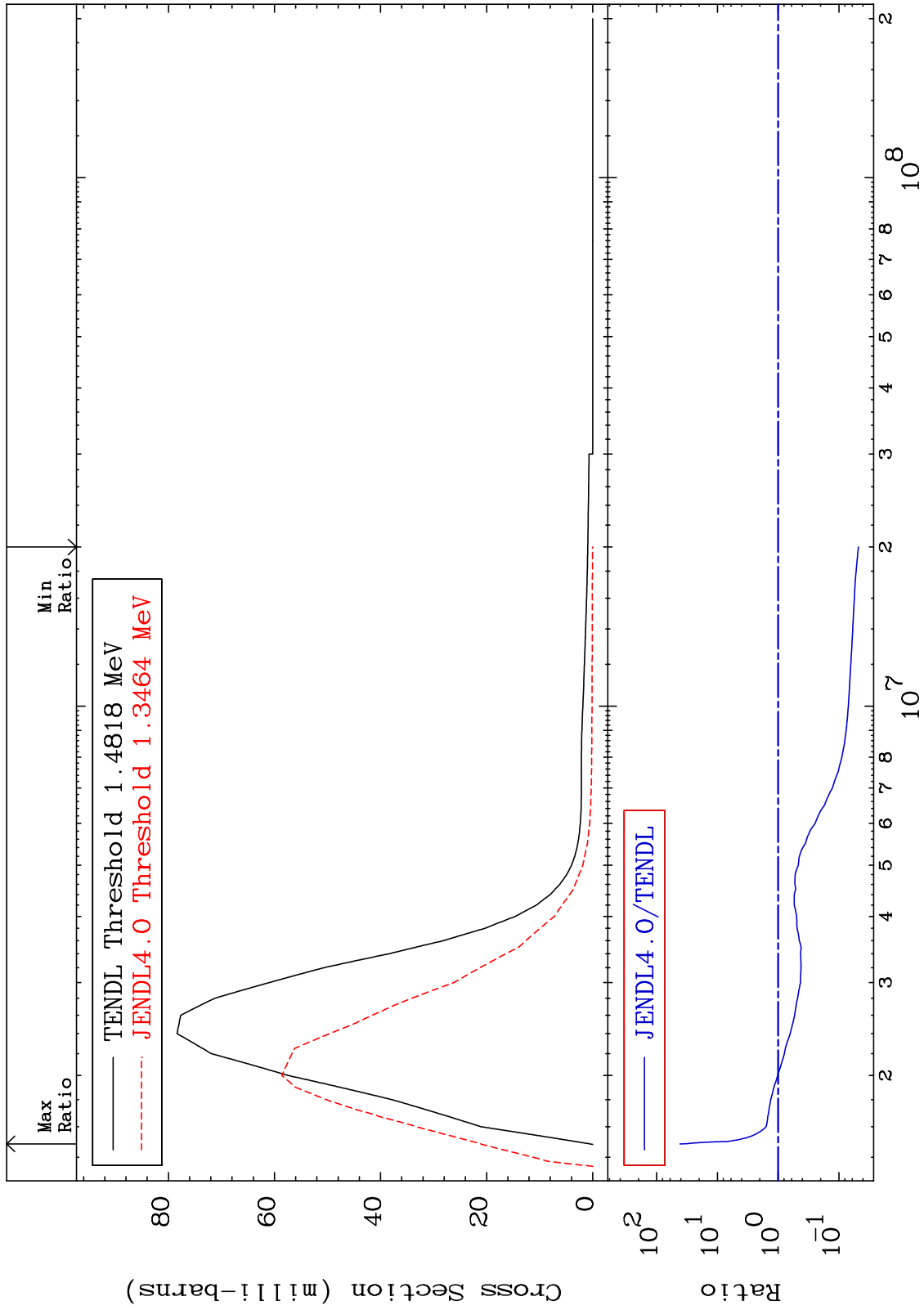
62-Sm-154
-100.0 To -91.78%



MAT 6255

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

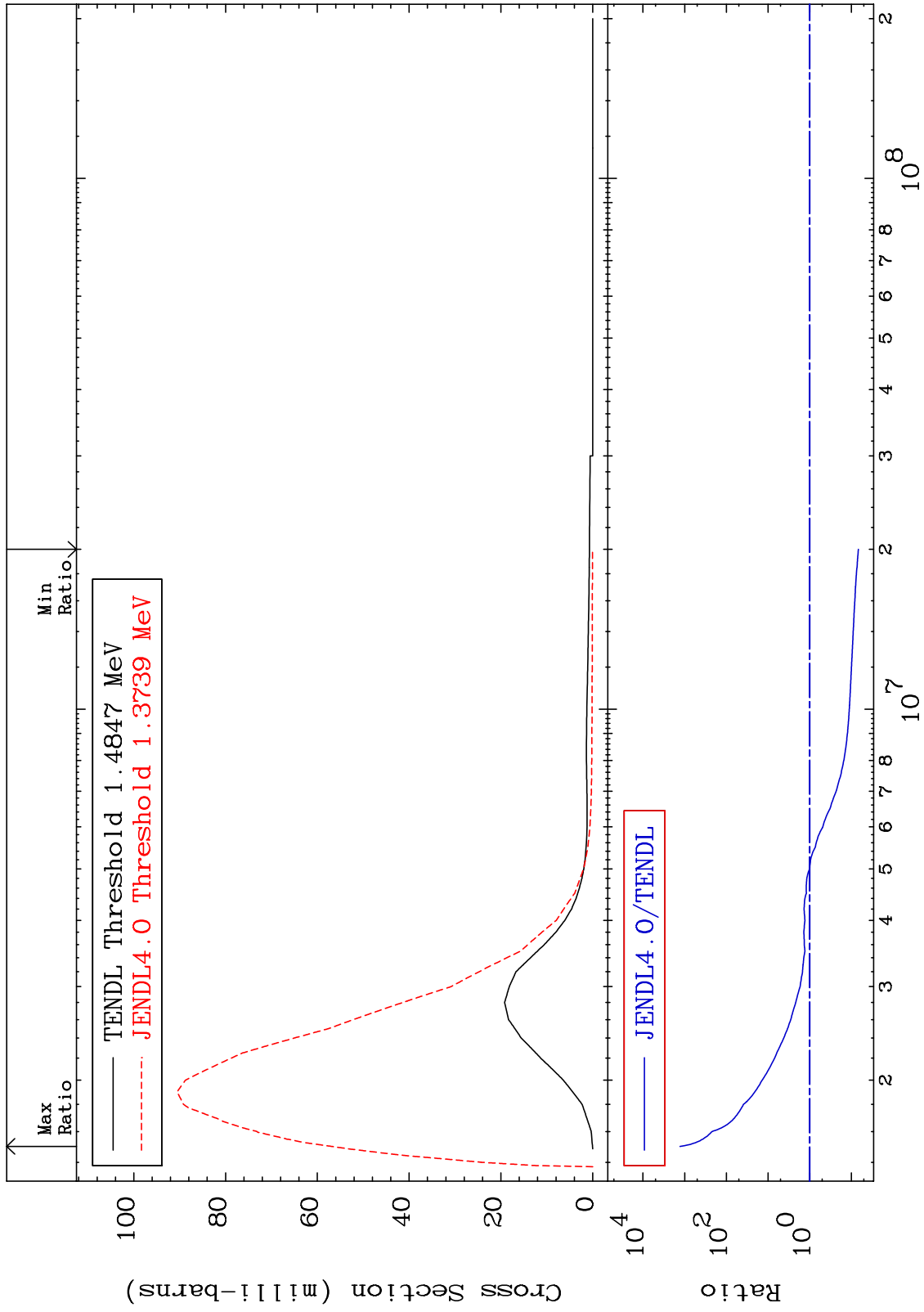
62-Sm-154
-95.23 To 4028. %



MAT 6255

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

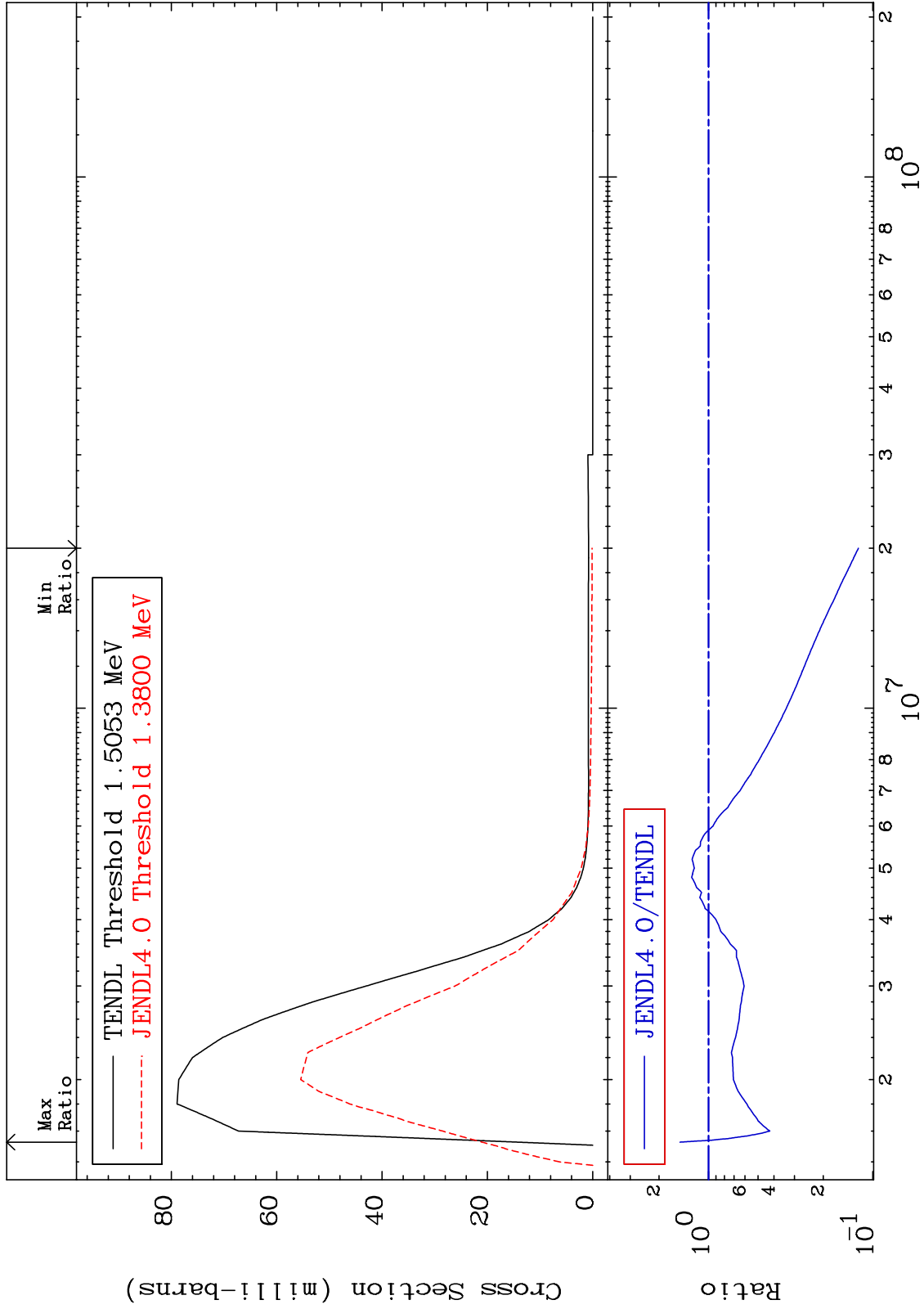
62-Sm-154
-93.24 To 9999. %



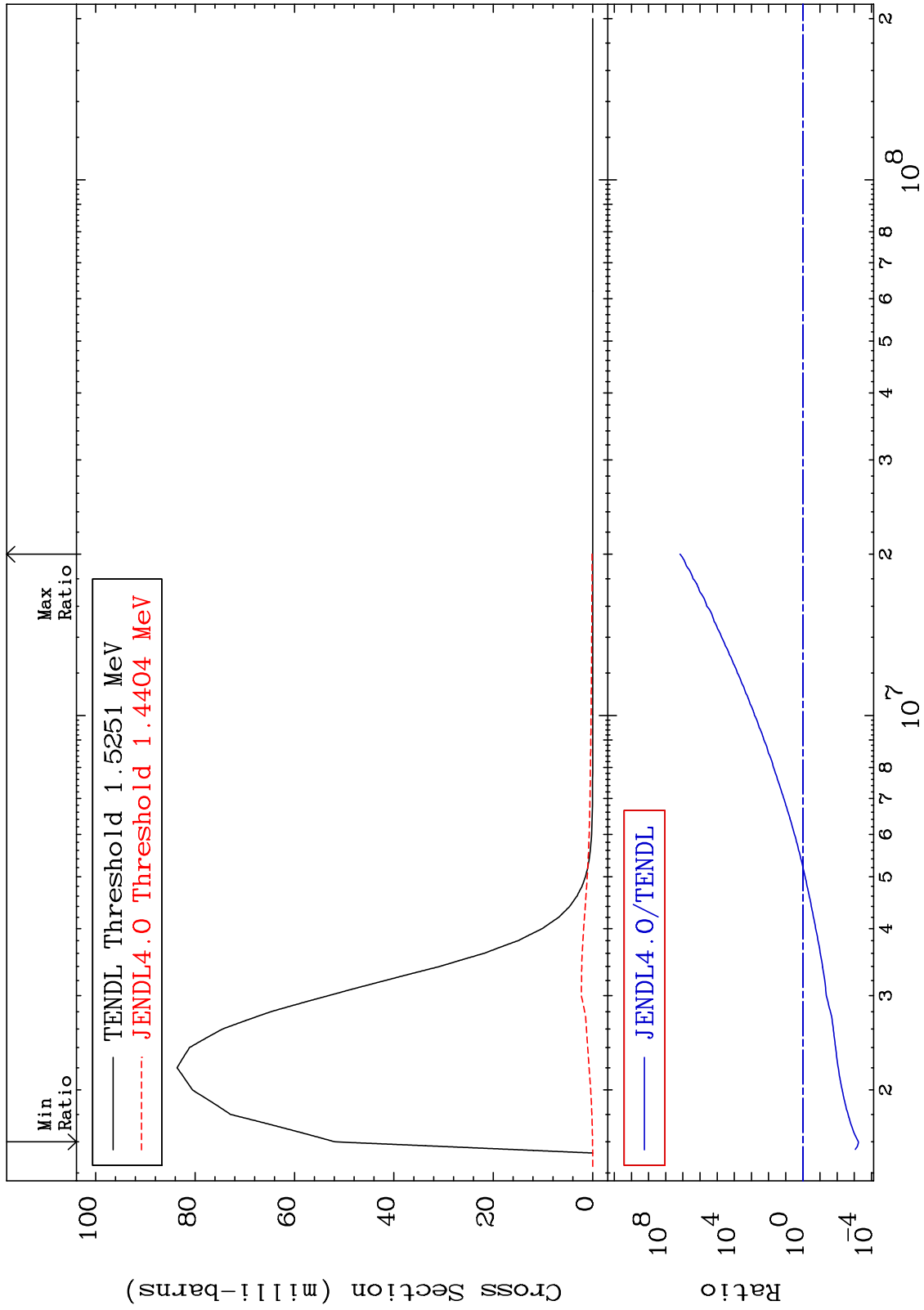
MAT 6255

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

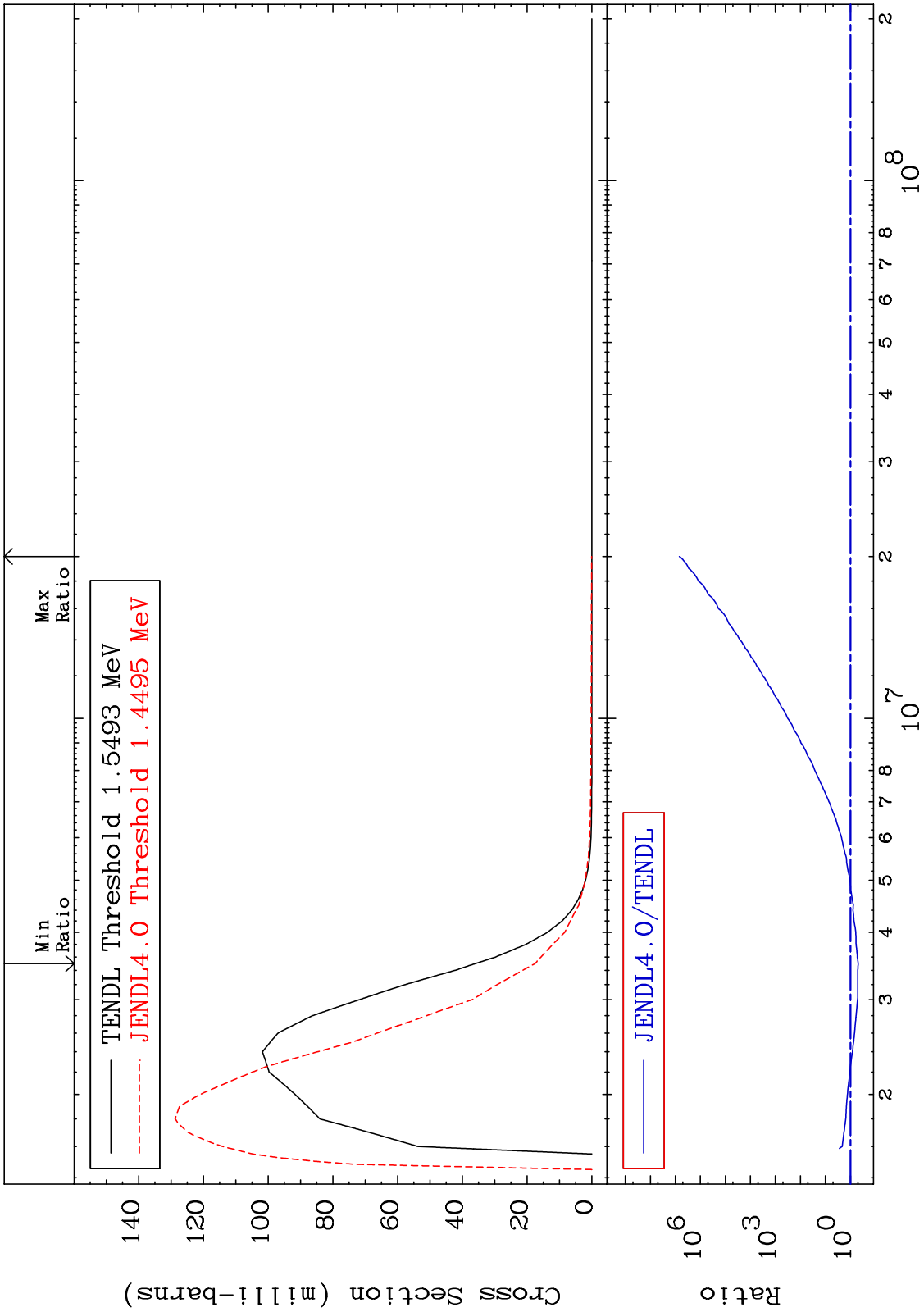
62-Sm-154
-87.78 To 49.09 %



MAT 6255 MT= 69 (n,n') Level 62-Sm-154
 Cross Section -99.94 To 9999. %



MAT 6255 MT= 70 (n,n') Level
Cross Section 62-Sm-154
-51.27 To 9999. %



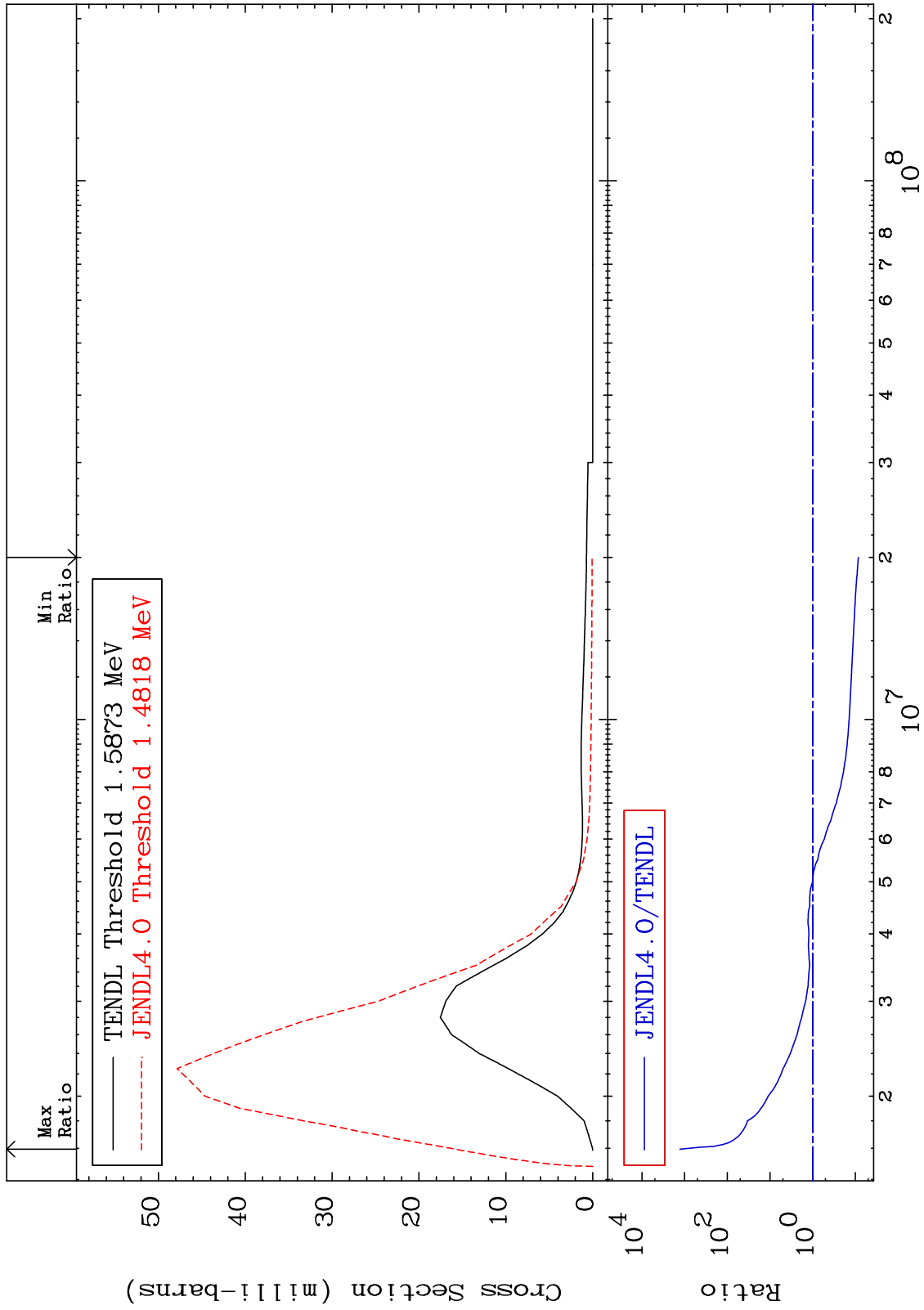
62-Sm-154

Incident Energy (eV)

MAT 6255

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

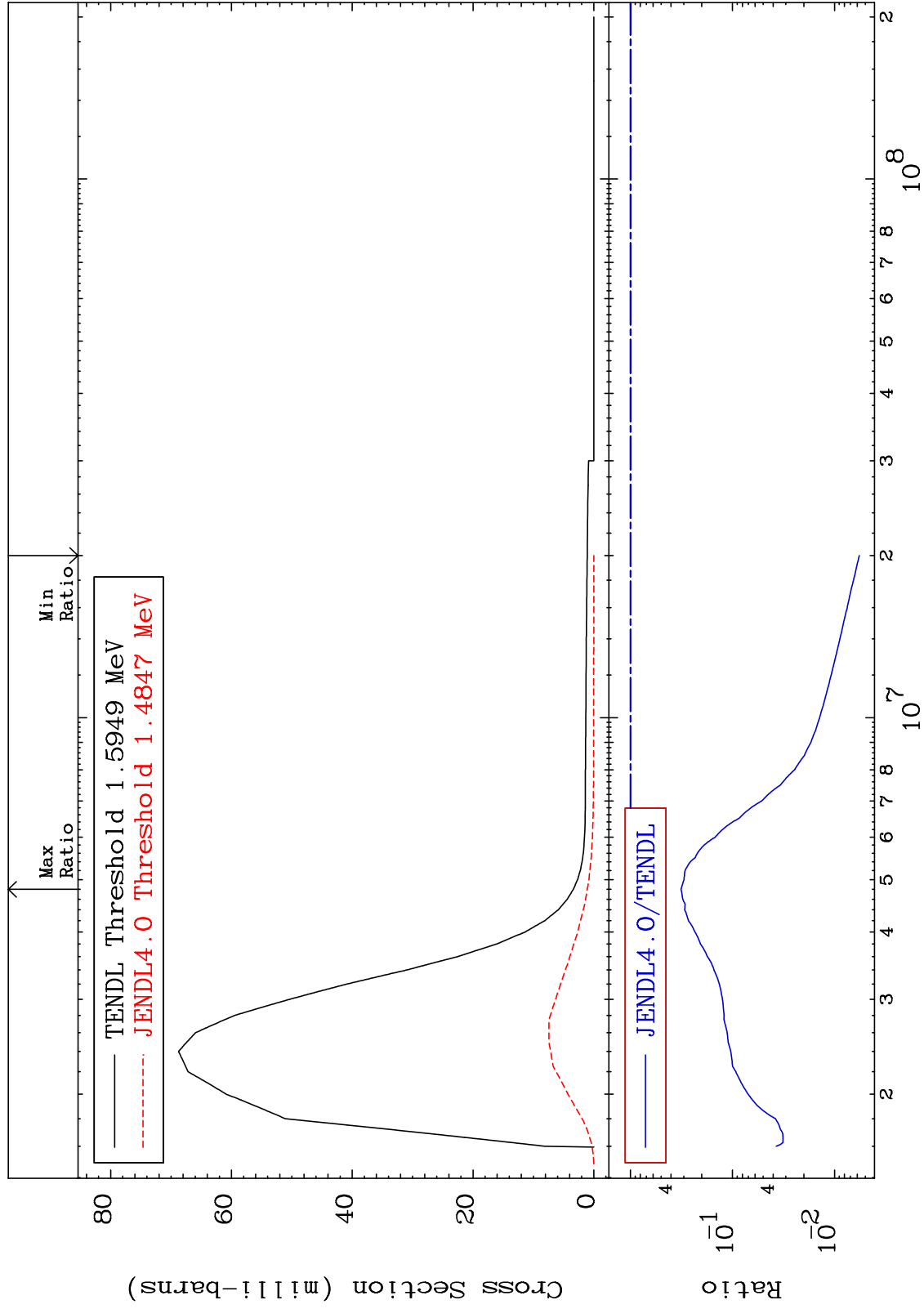
62-Sm-154
-91.52 To 9999. %



MAT 6255

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

62-Sm-154
-99.43 To -68.07%

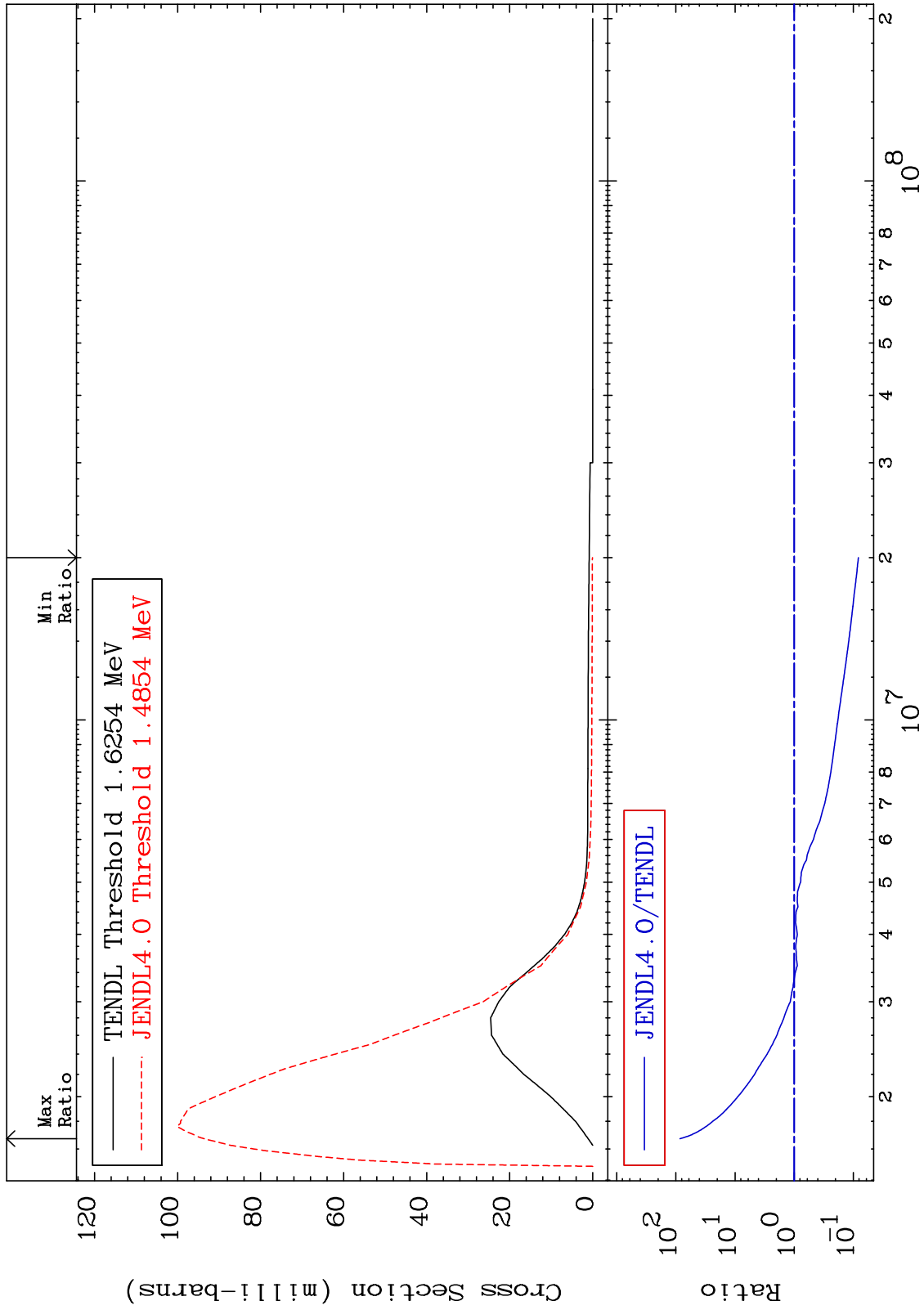


30

Incident Energy (eV)

62-Sm-154

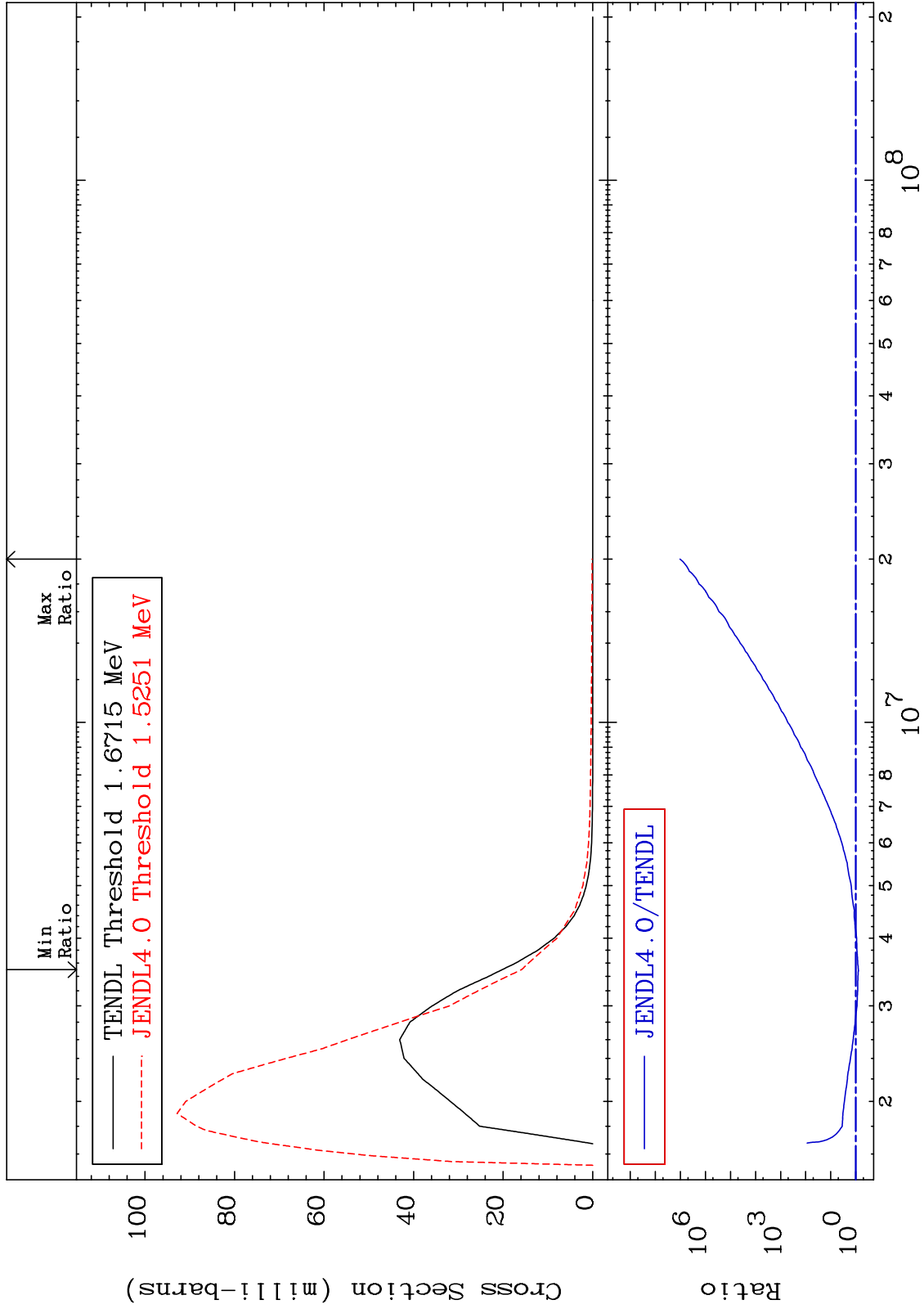
MAT 6255 MT= 73 (n,n') Level Cross Section 62-Sm-154 -91.80 To 8409. %



MAT 6255

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

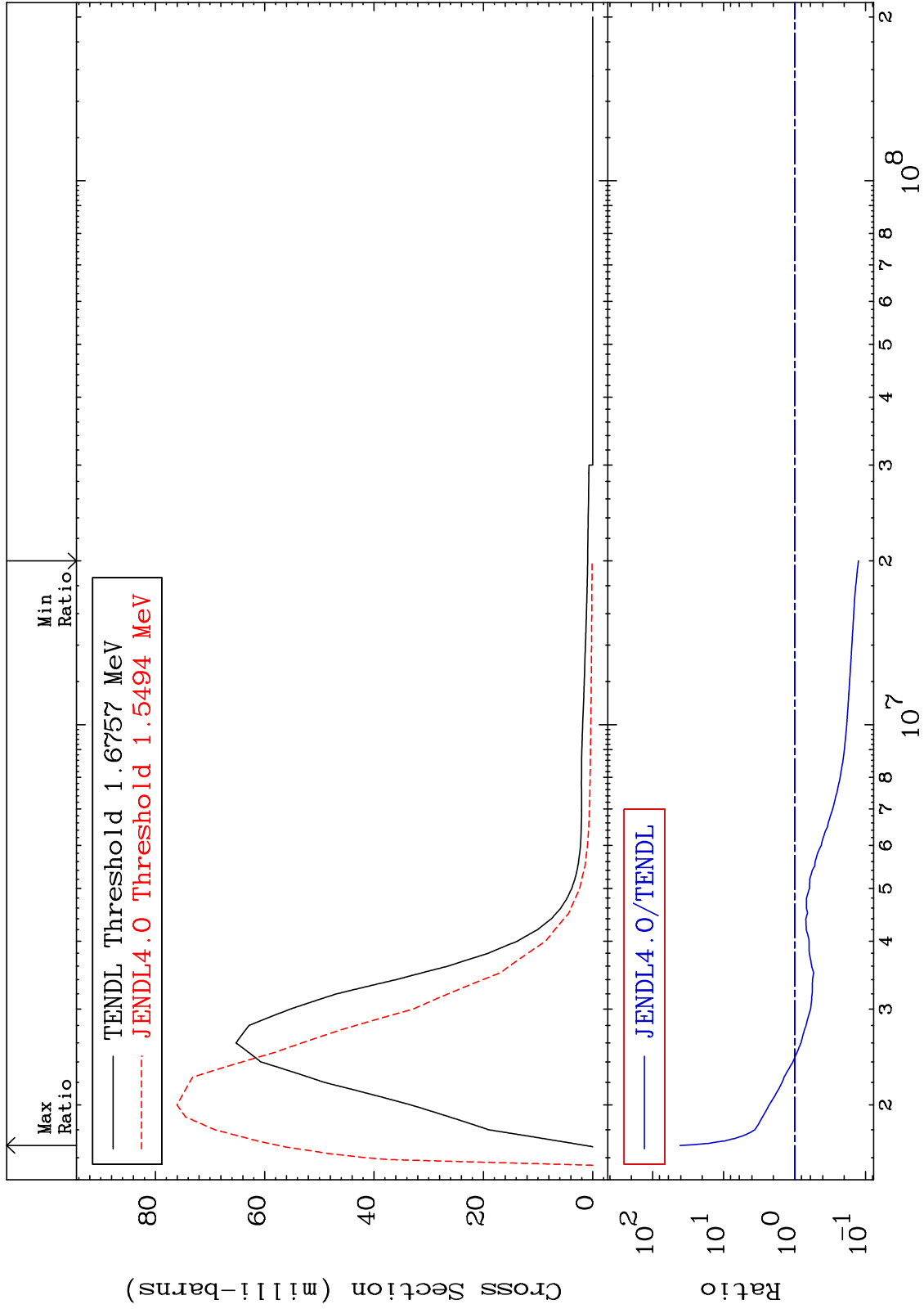
62-Sm-154
-21.41 To 9999. %



MAT 6255

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

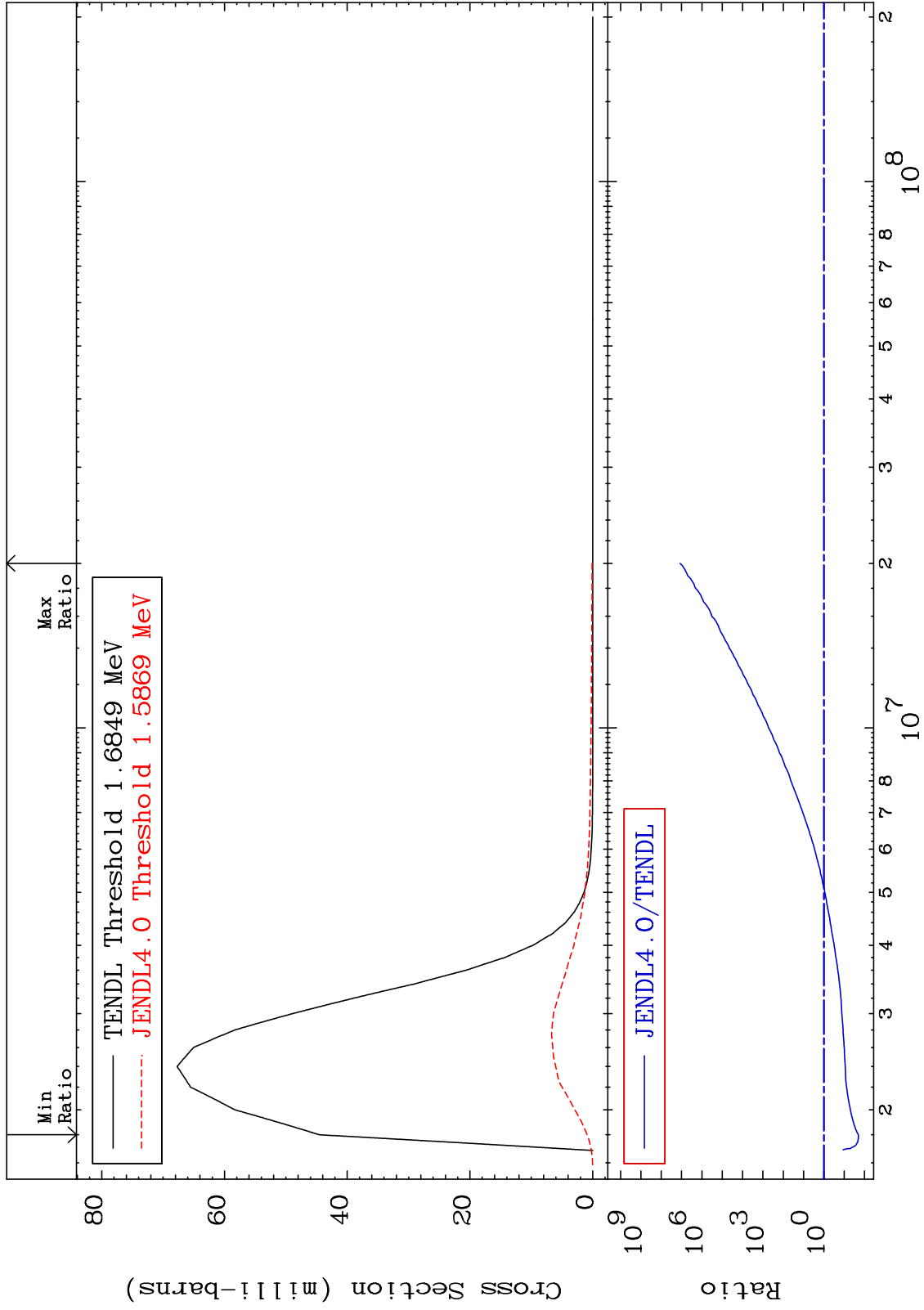
62-Sm-154
-87.38 To 4015. %



MAT 6255

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

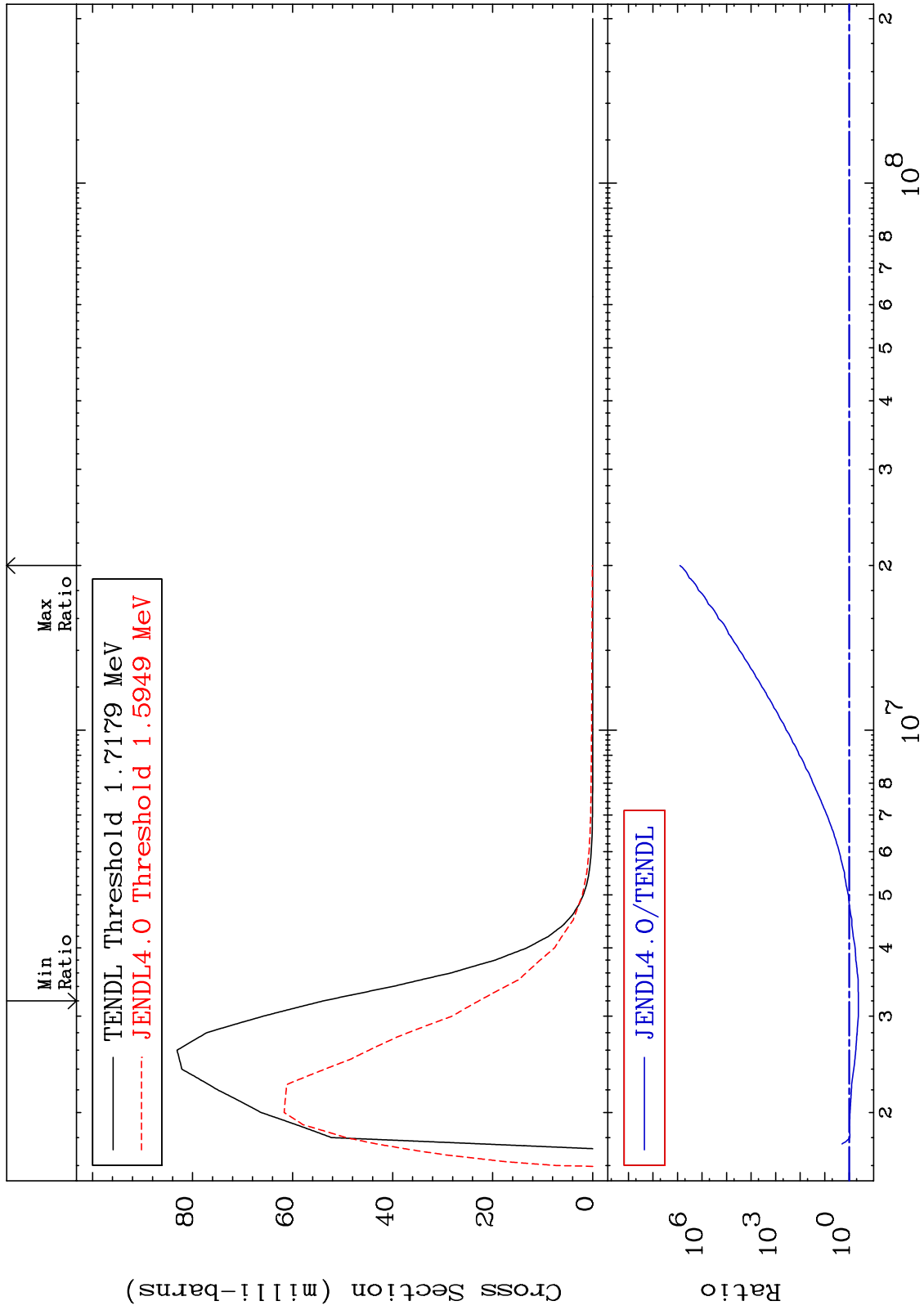
62-Sm-154
-97.99 To 9999. %



MAT 6255

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

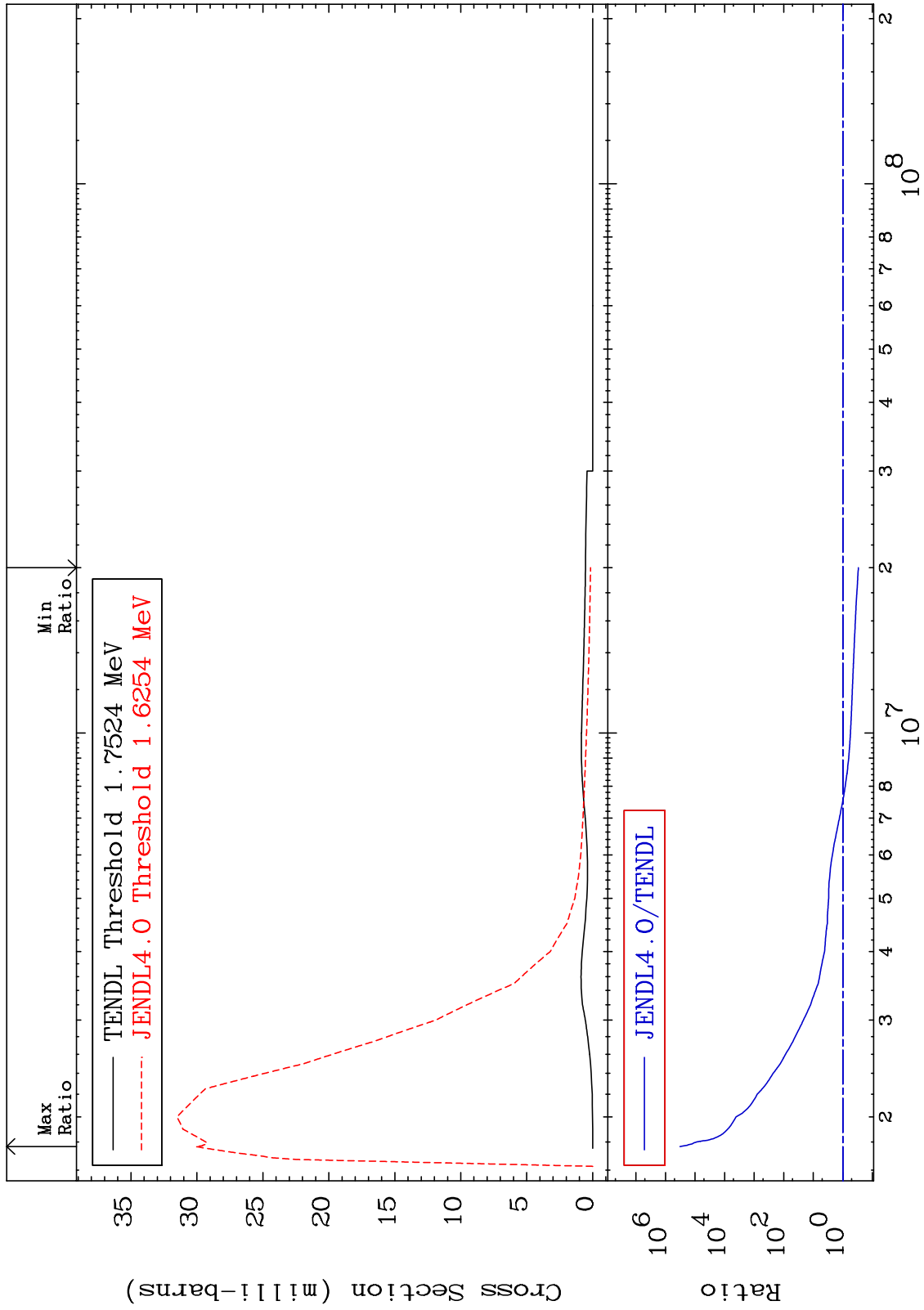
62-Sm-154
-57.68 To 9999. %



MAT 6255

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

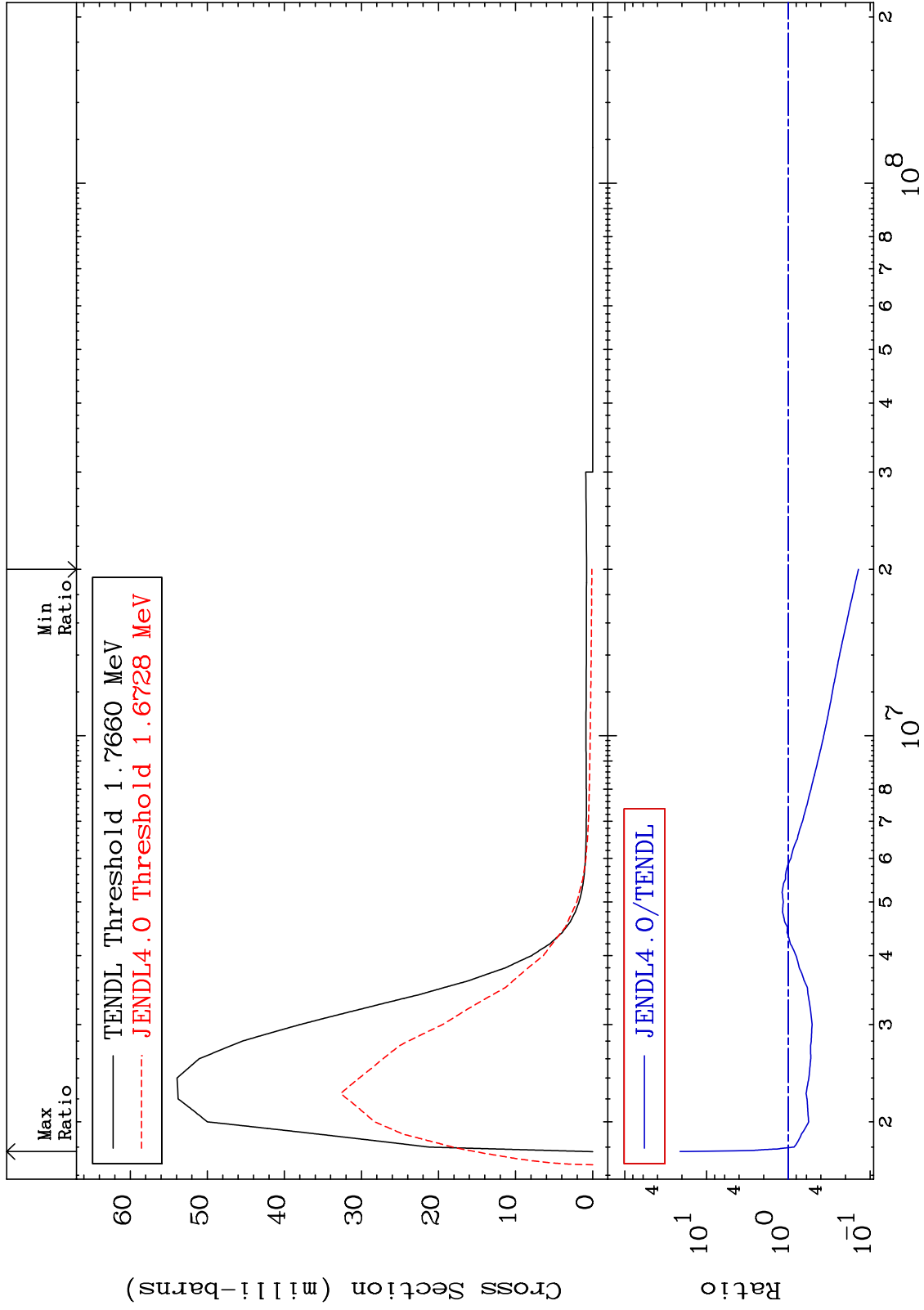
62-Sm-154
-70.41 To 9999. %



MAT 6255

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

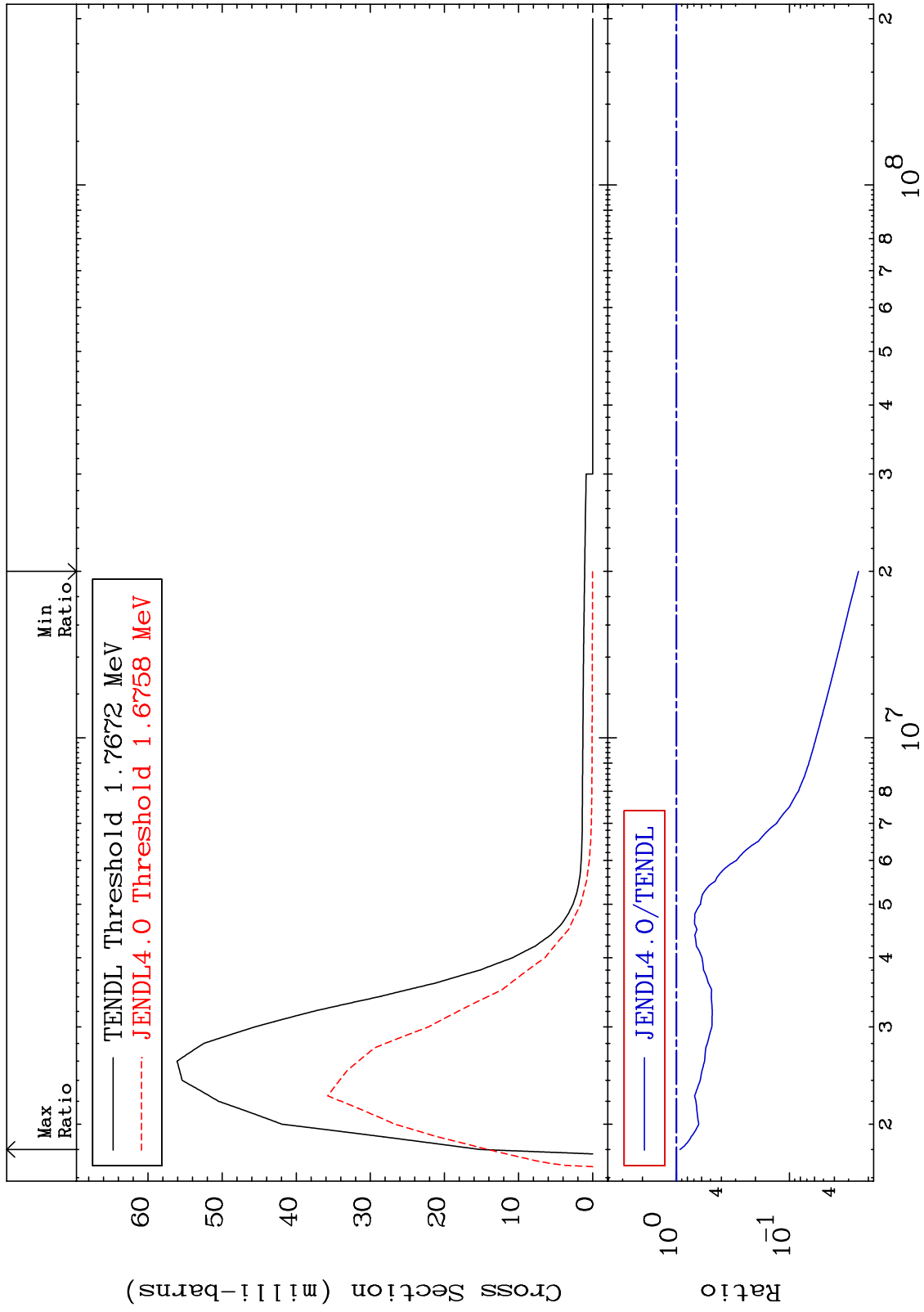
62-Sm-154
-86.08 To 2015. %



MAT 6255

MT= 80 (n,n') Level
Cross Section

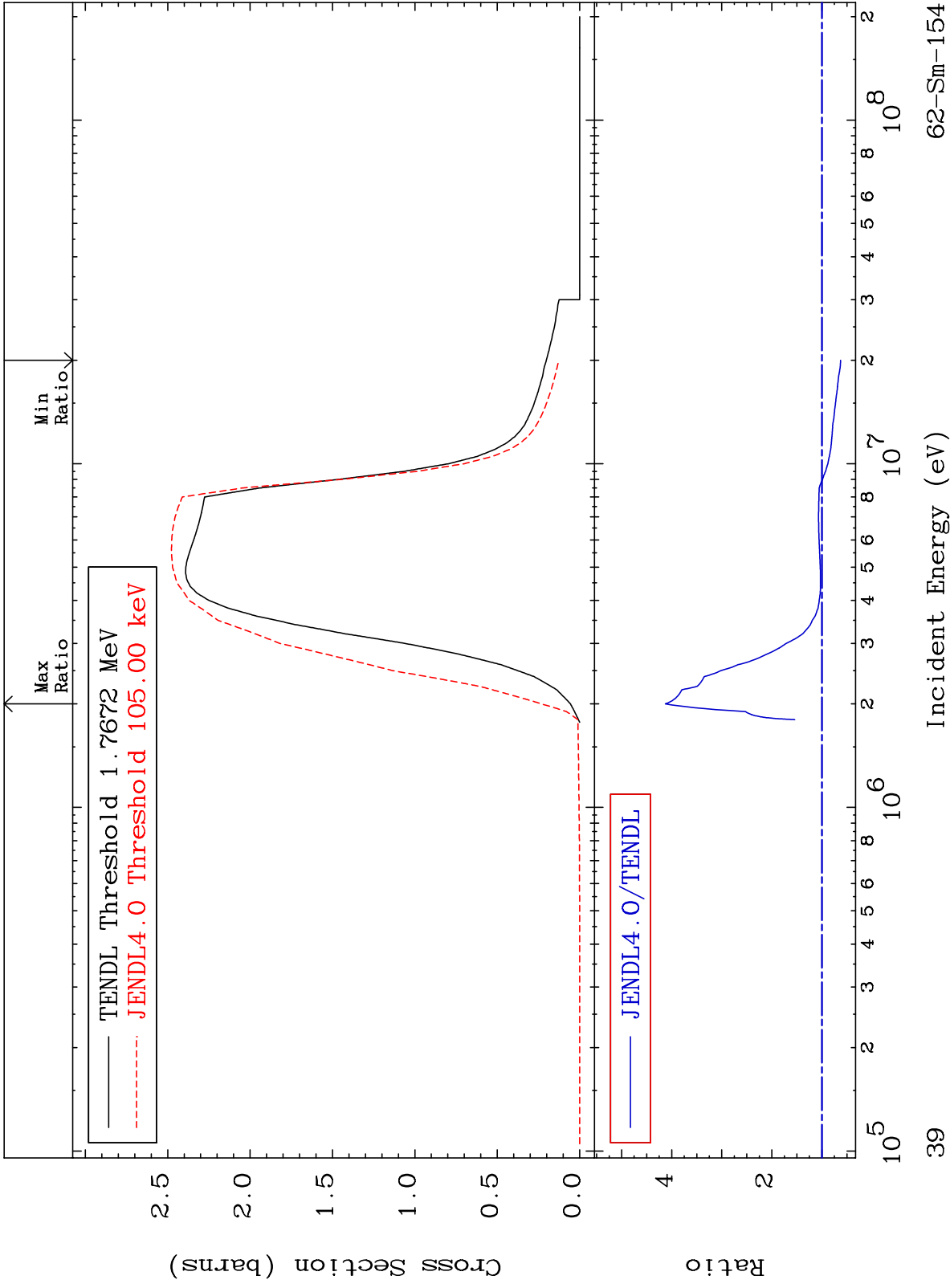
62-Sm-154
-97.55 To -6.954%



MAT 6255

(n, n') Continuum
Cross Section

62-Sm-154
-37.36 To 312.6 %

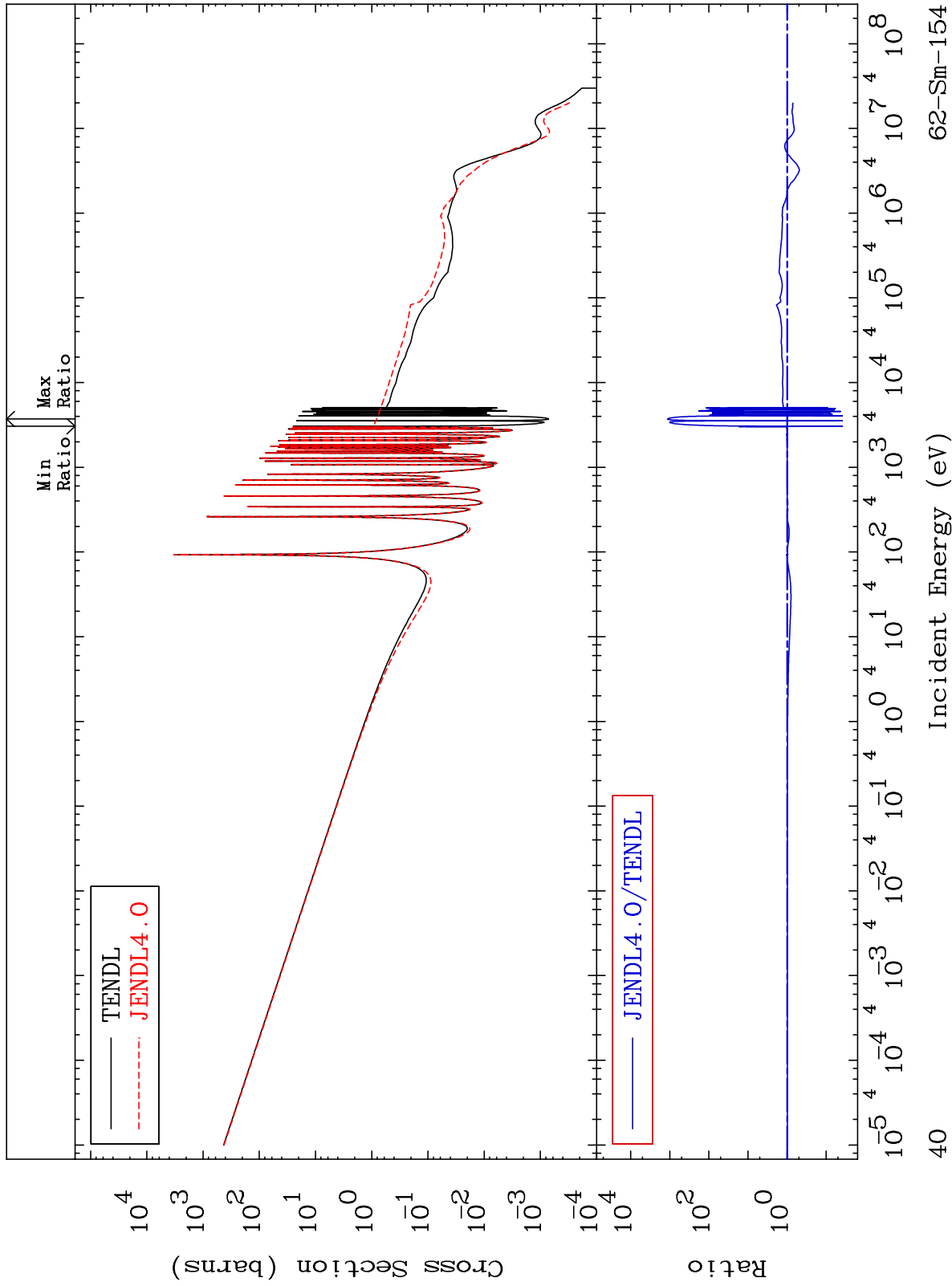


39

MAT 6255

(n, γ)
Cross Section

62-Sm-154
-96.20 To 9999. %



62-Sm-154

40

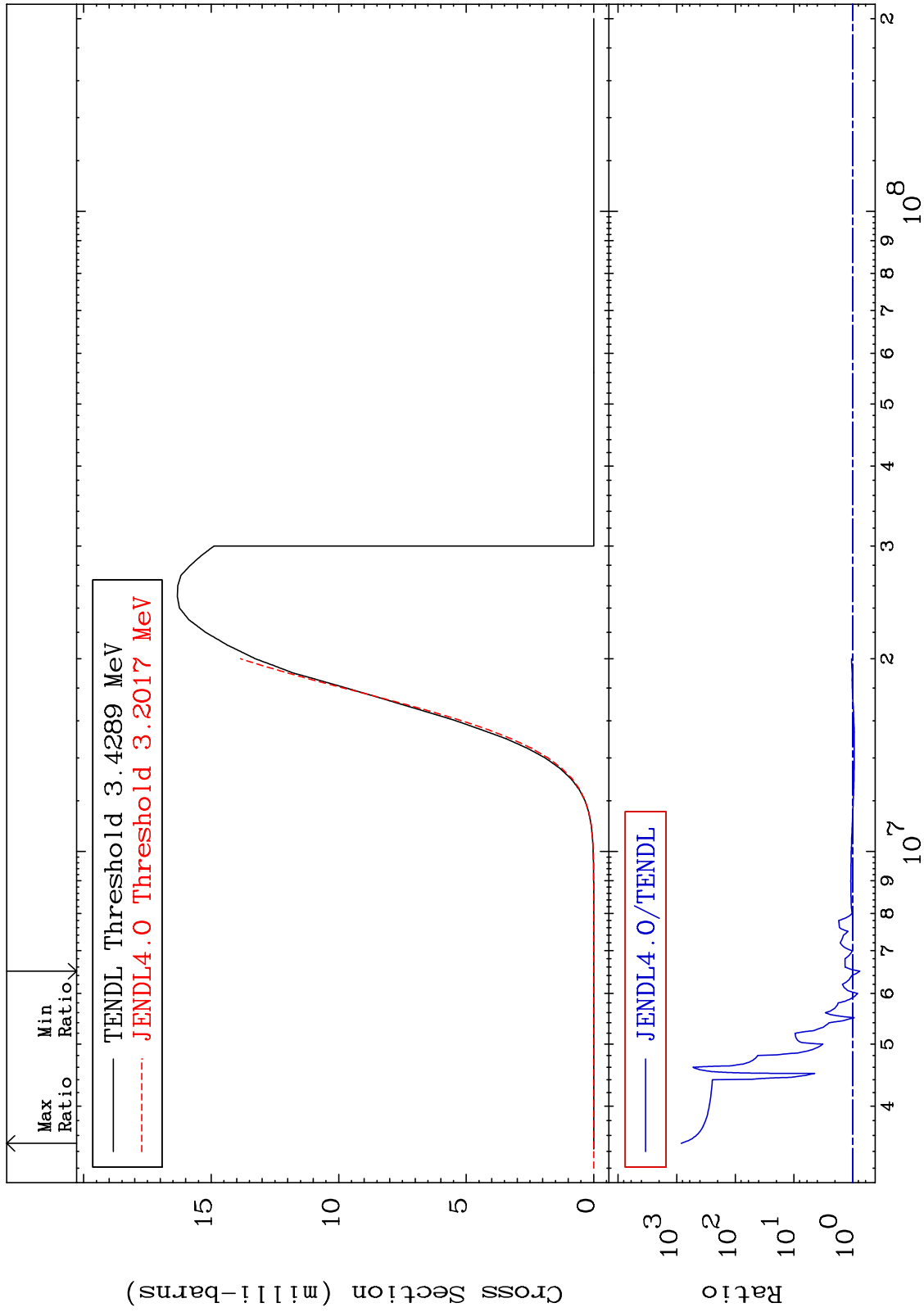
MAT 6255

(n,p)

62-Sm-154

Cross Section

-24.96 To 9999. %



41

Incident Energy (eV)

62-Sm-154

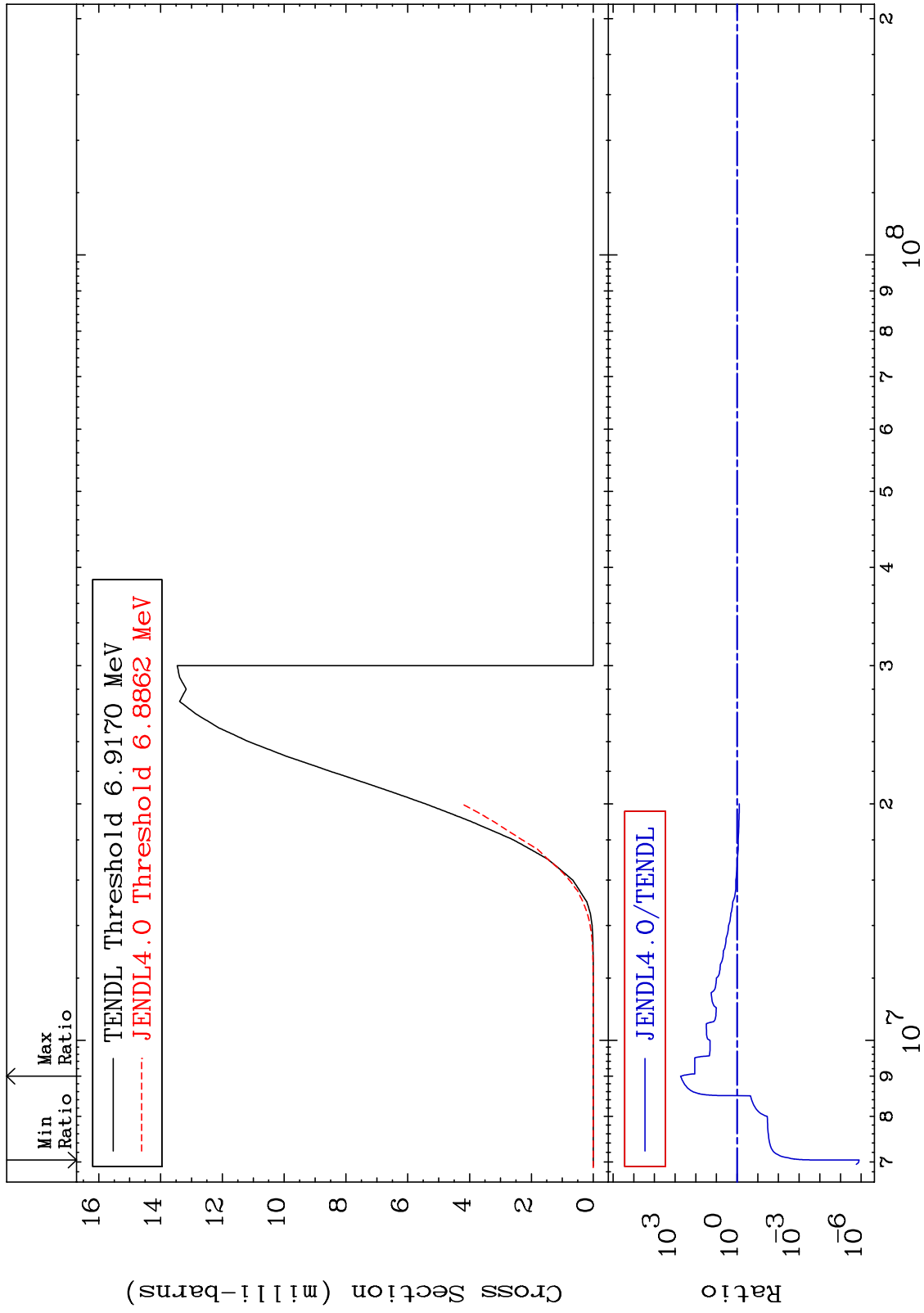
MAT 6255

(n,d)

62-Sm-154

Cross Section

-100.0 To 9999. %



62-Sm-154

Incident Energy (eV)

42

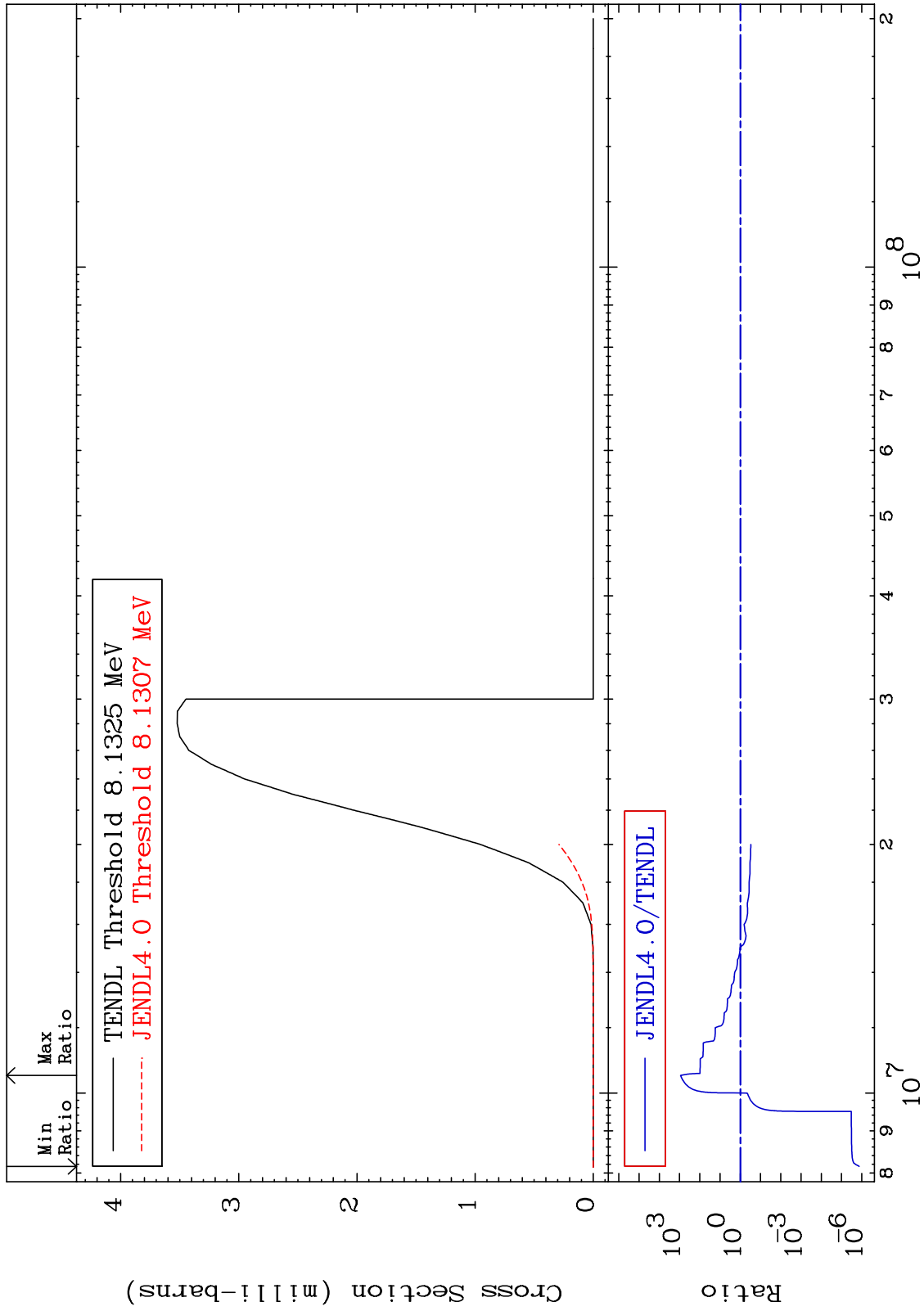
MAT 6255

(n, t)

62-Sm-154

Cross Section

-100.0 To 9999. %



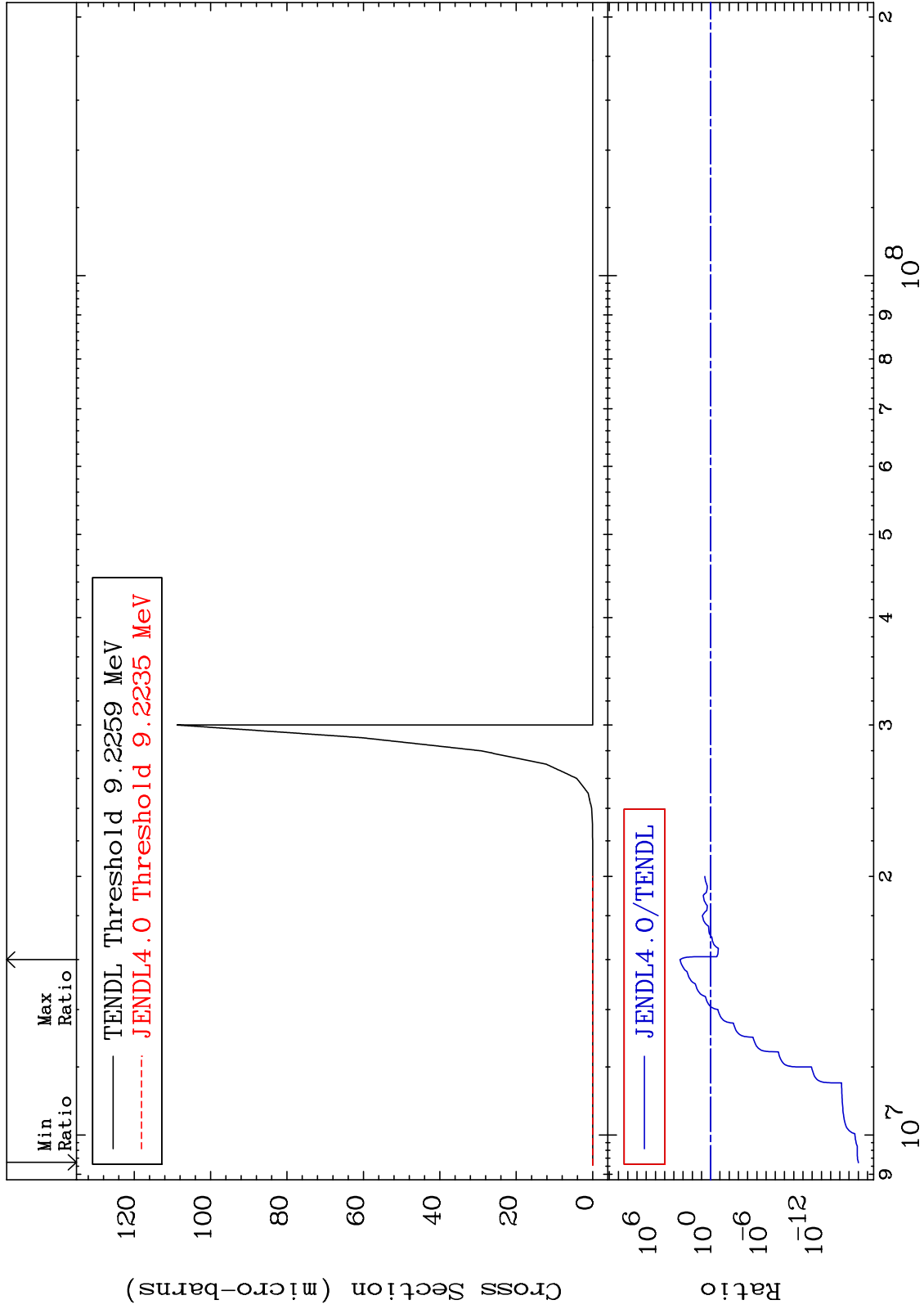
MAT 6255

(n, He-3)

62-Sm-154

Cross Section

-100.0 To 9999. %



44

Incident Energy (eV)

62-Sm-154

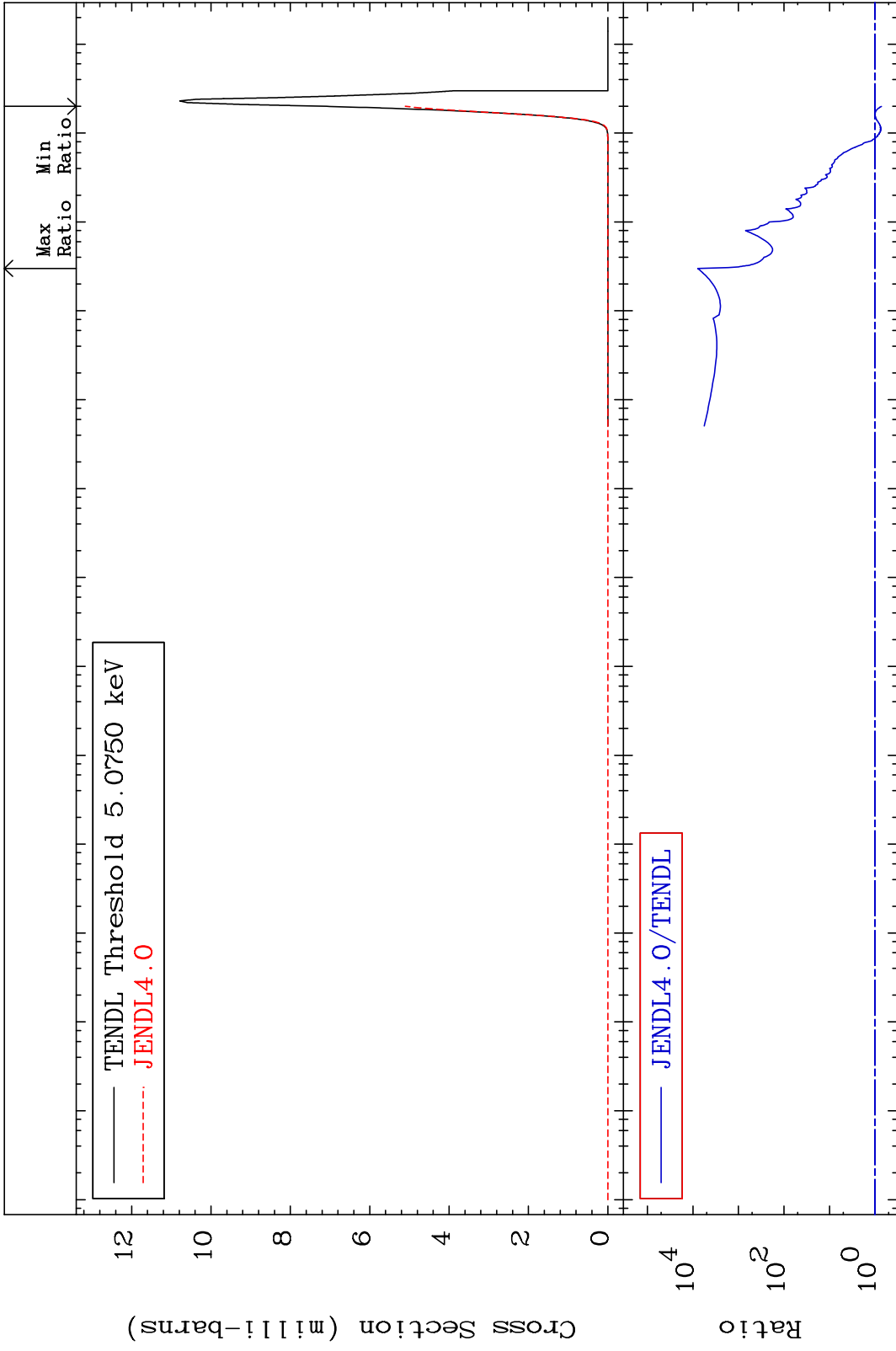
MAT 6255

(n, α)

62-Sm-154

Cross Section

-27.95 To 9999. %



45

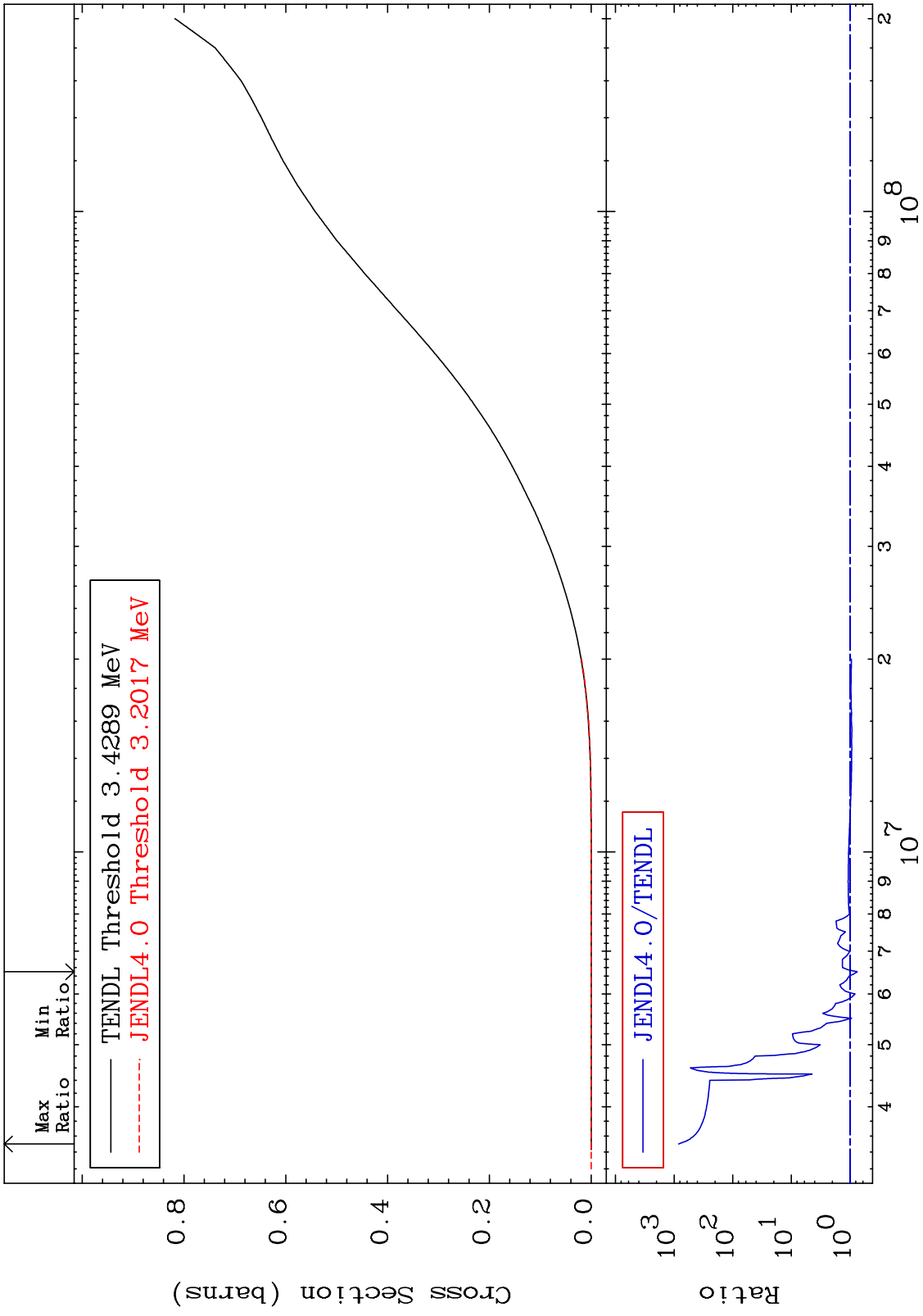
Incident Energy (eV)

62-Sm-154

MAT 6255

Hydrogen Production
Cross Section

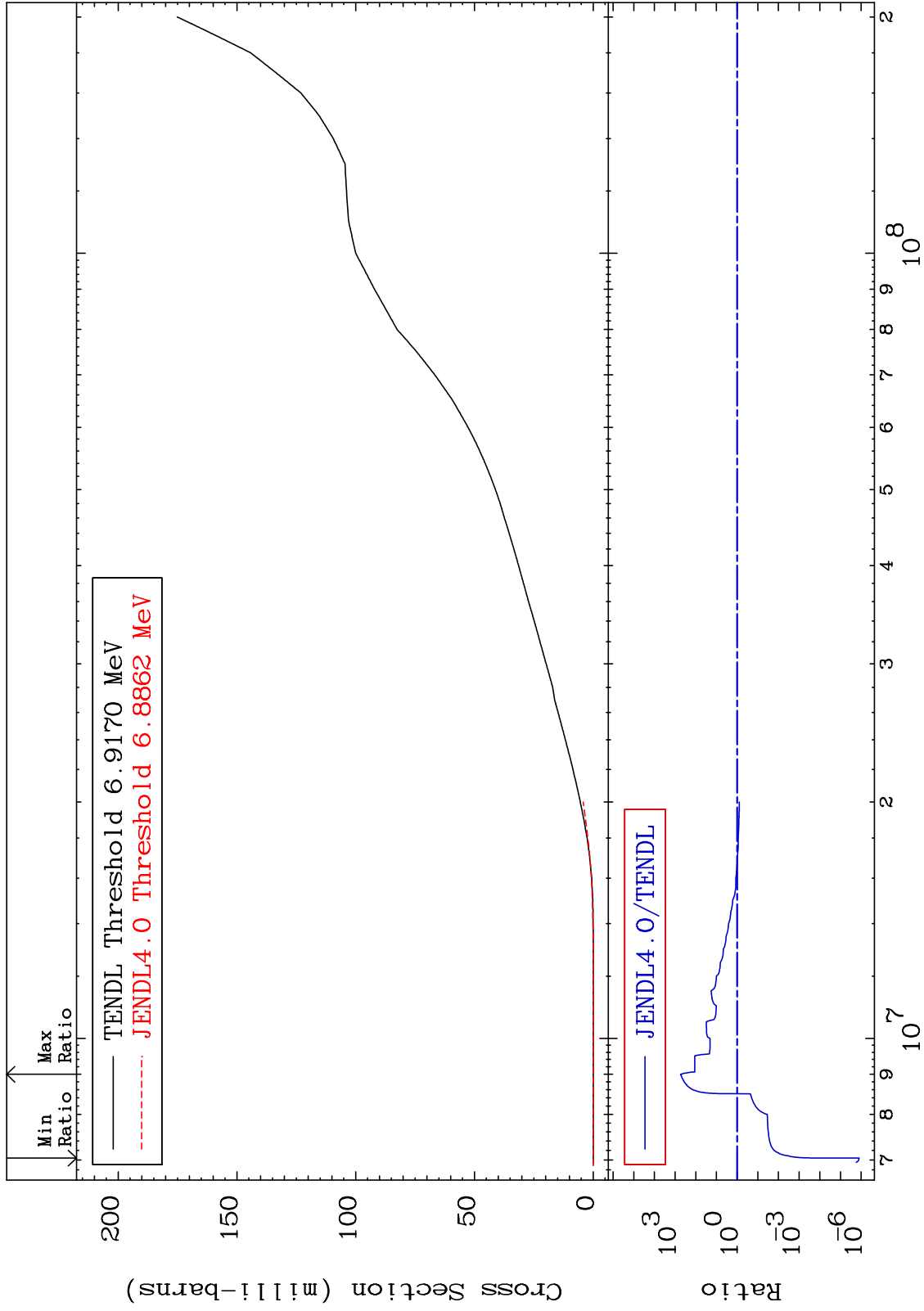
62-Sm-154
-24.96 To 9999. %



MAT 6255

Deuterium Production
Cross Section

62-Sm-154
-100.0 To 9999. %



47

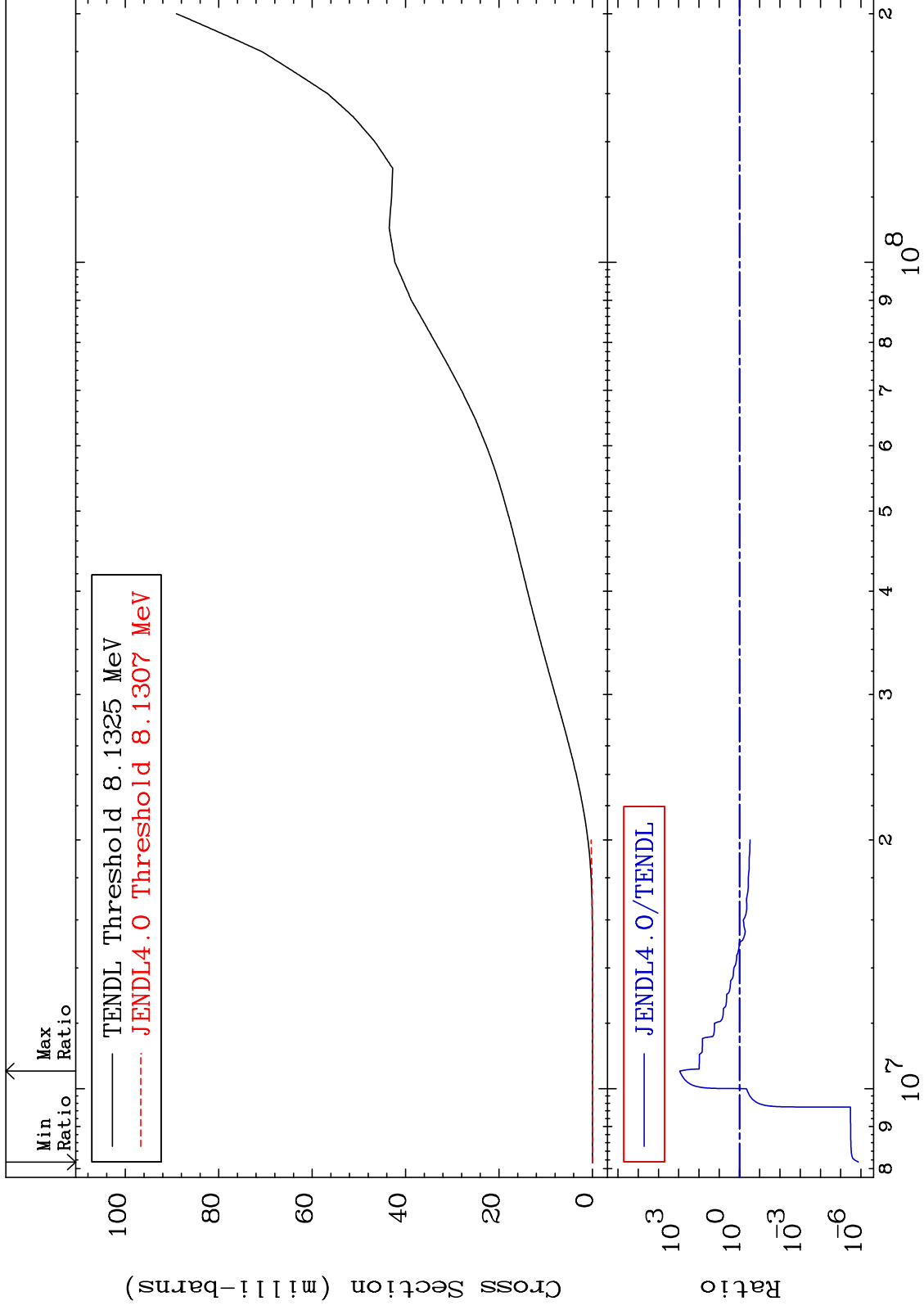
Incident Energy (eV)

62-Sm-154

MAT 6255

Tritium Production
Cross Section

62-Sm-154
-100.0 To 9999. %



48

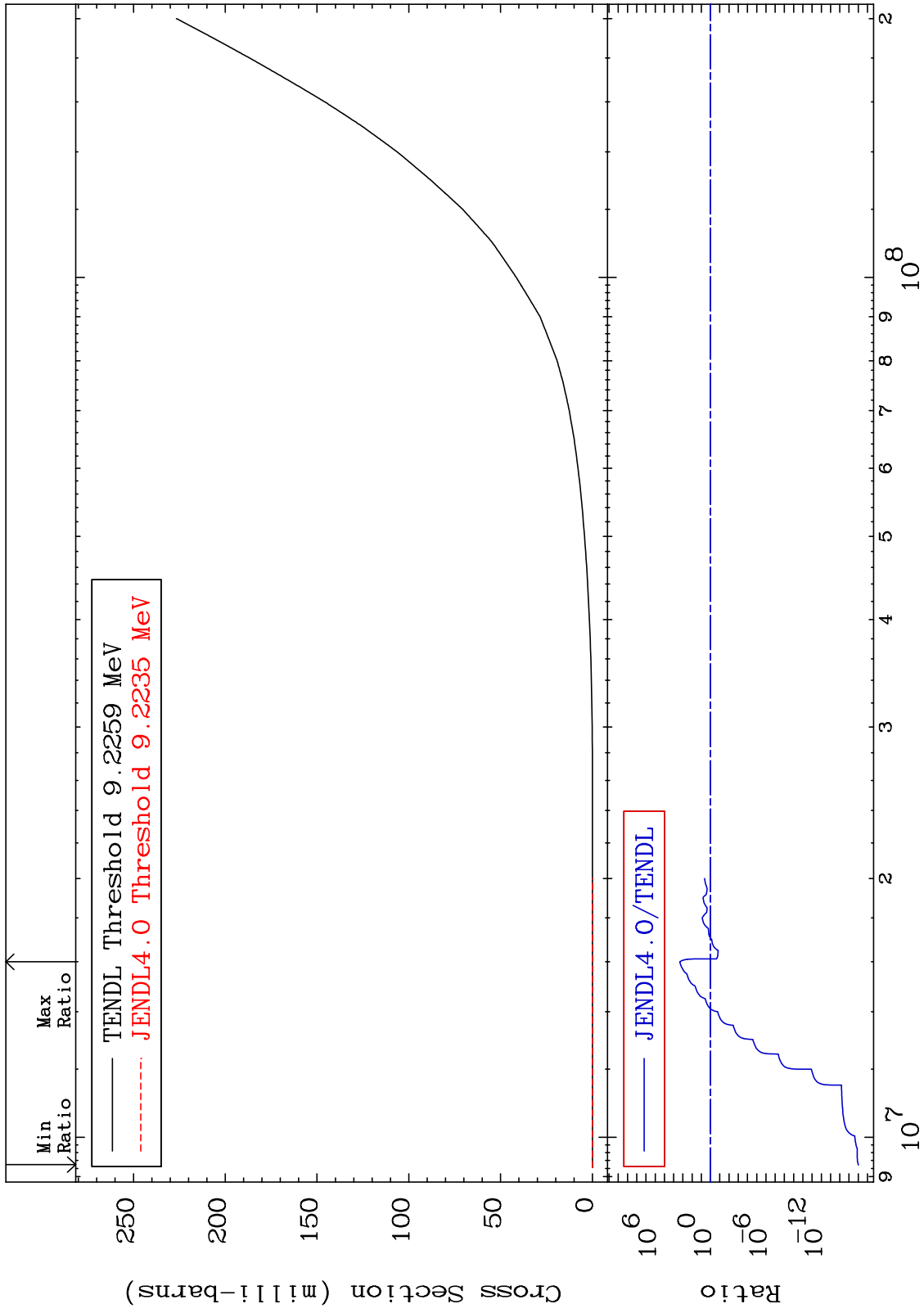
Incident Energy (eV)

62-Sm-154

MAT 6255

He-3 Production
Cross Section

62-Sm-154
-100.0 To 9999. %



49

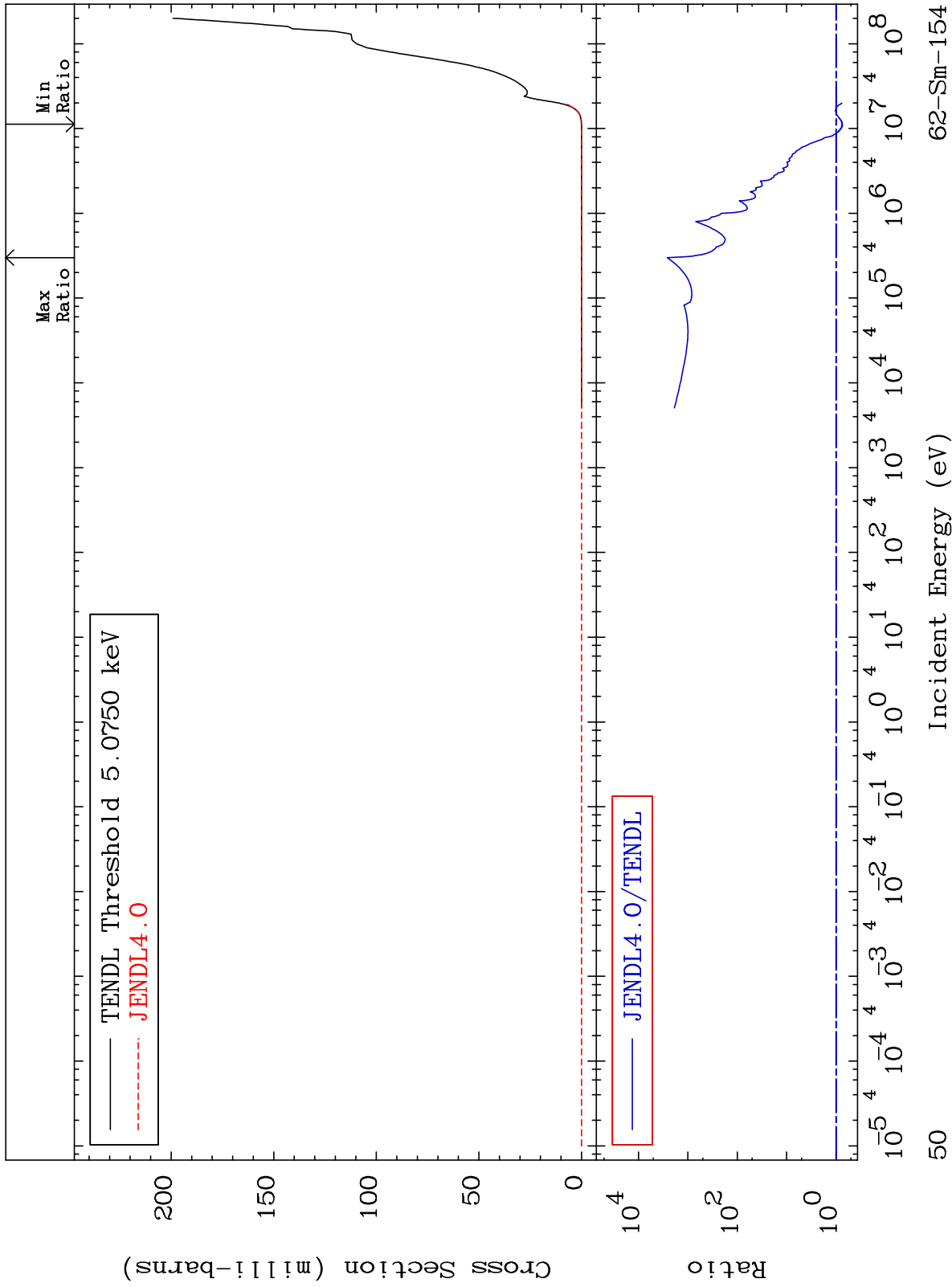
Incident Energy (eV)

62-Sm-154

MAT 6255

He-4 Production
Cross Section

62-Sm-154
-26.13 To 9999. %



50

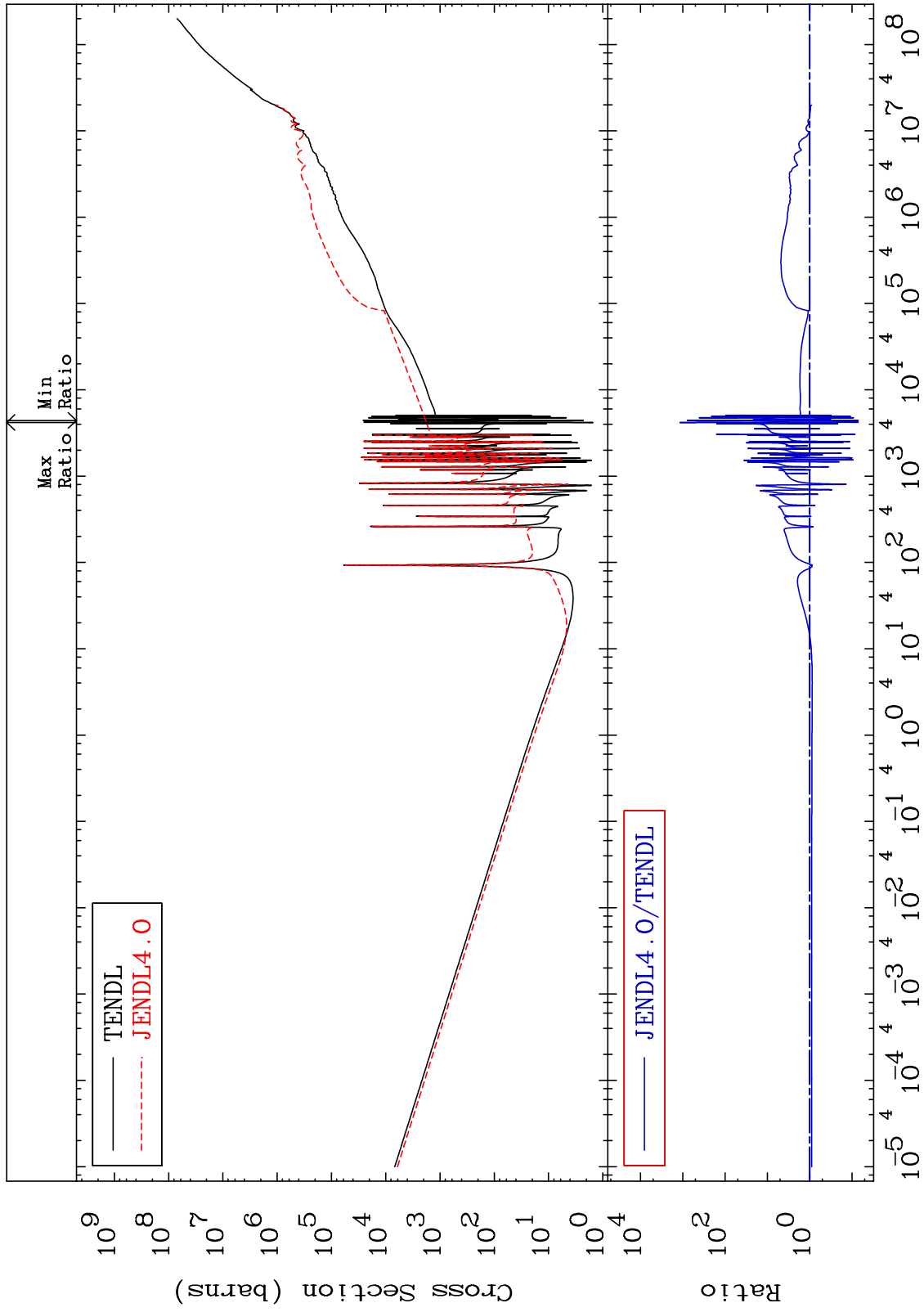
Incident Energy (eV)

62-Sm-154

MAT 6255

Kerma total (eV-barns)
Cross Section

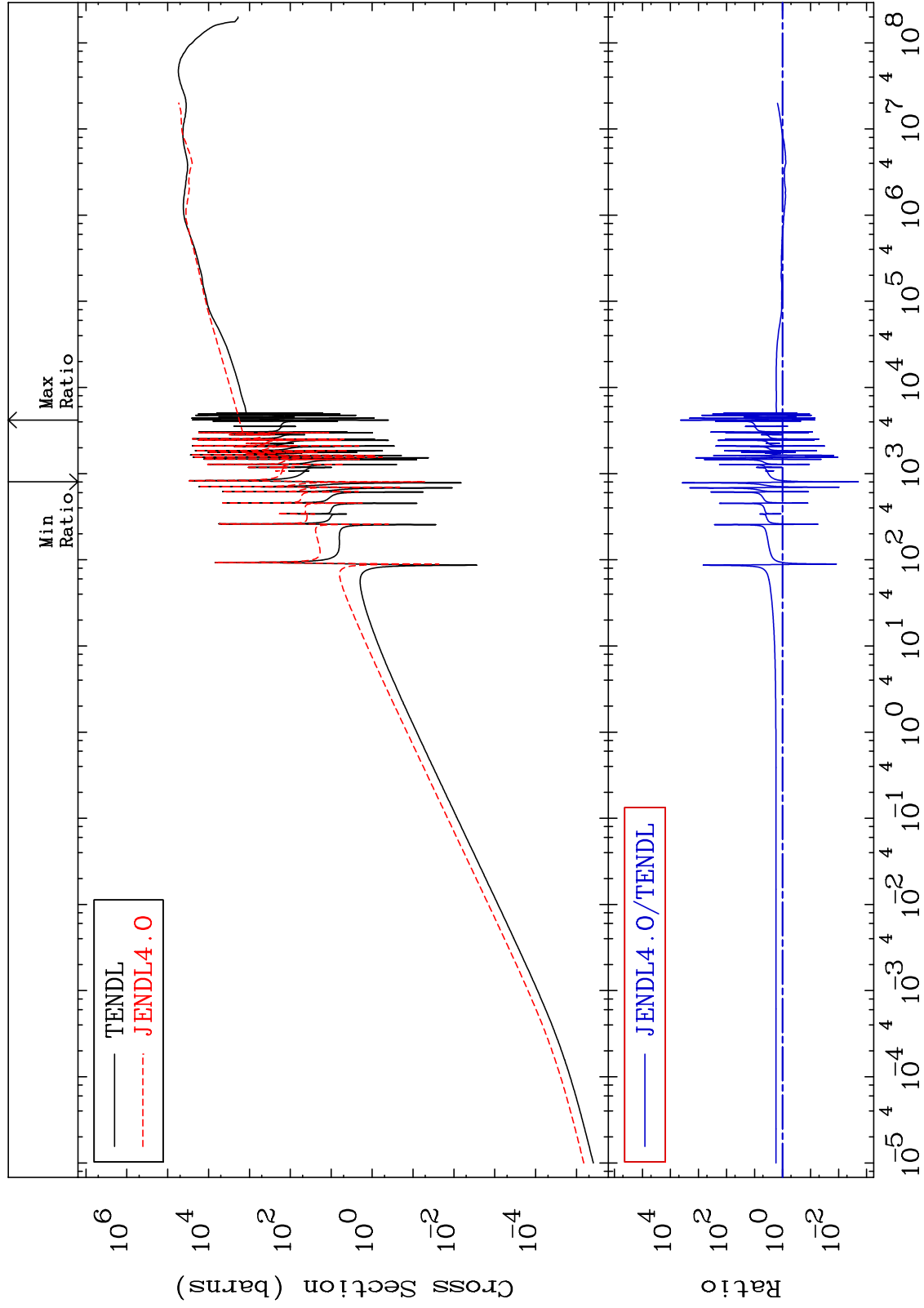
62-Sm-154
-92.97 To 9999. %



MAT 6255

Kerma elastic
Cross Section

62-Sm-154
-99.81 To 9999. %



52

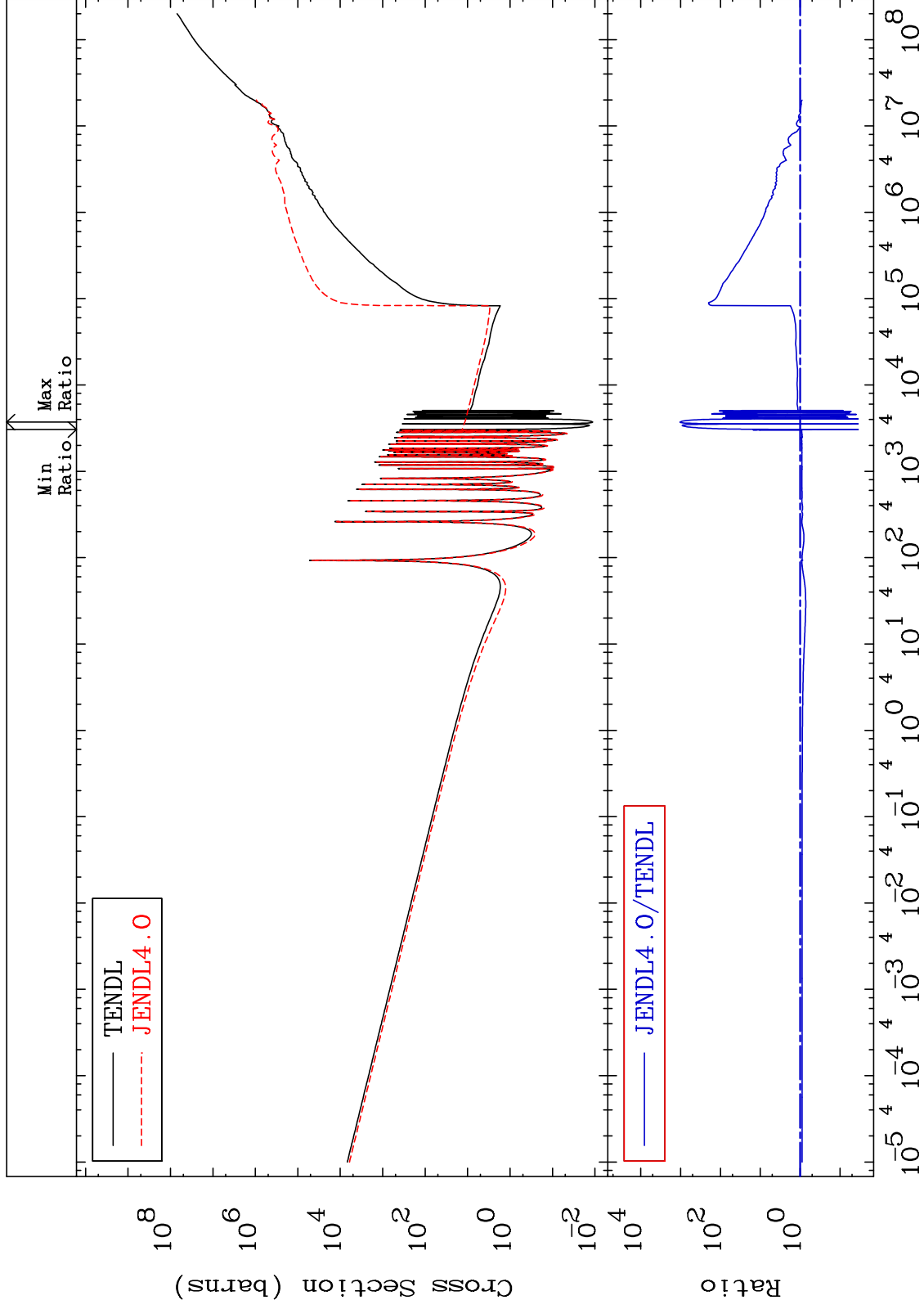
Incident Energy (eV)

62-Sm-154

MAT 6255

Kerma non-elastic (all but mt2)
Cross Section

62-Sm-154
-96.56 To 9999. %



53

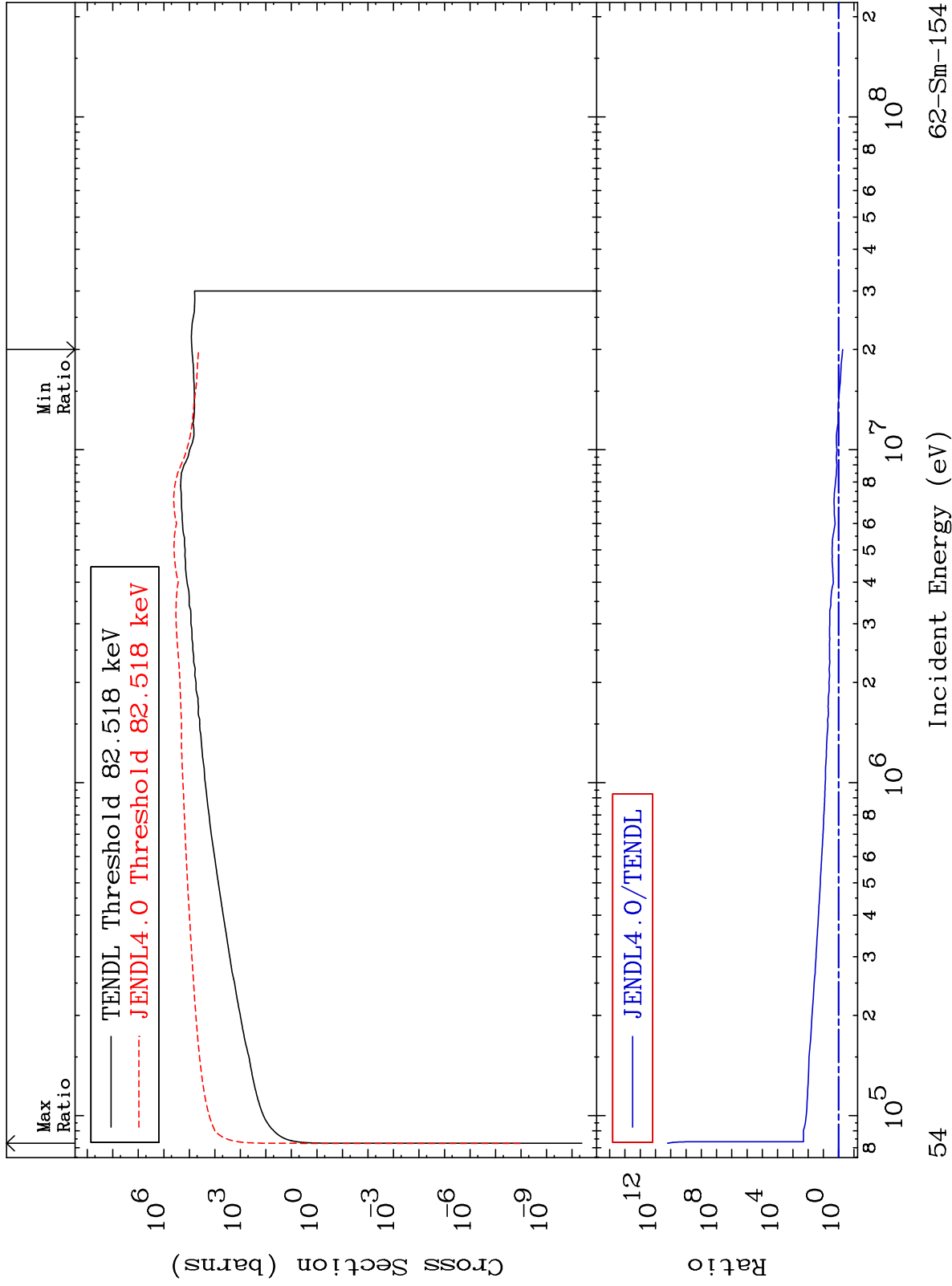
Incident Energy (eV)

62-Sm-154

MAT 6255

Kerma inelastic (mt51-91)
Cross Section

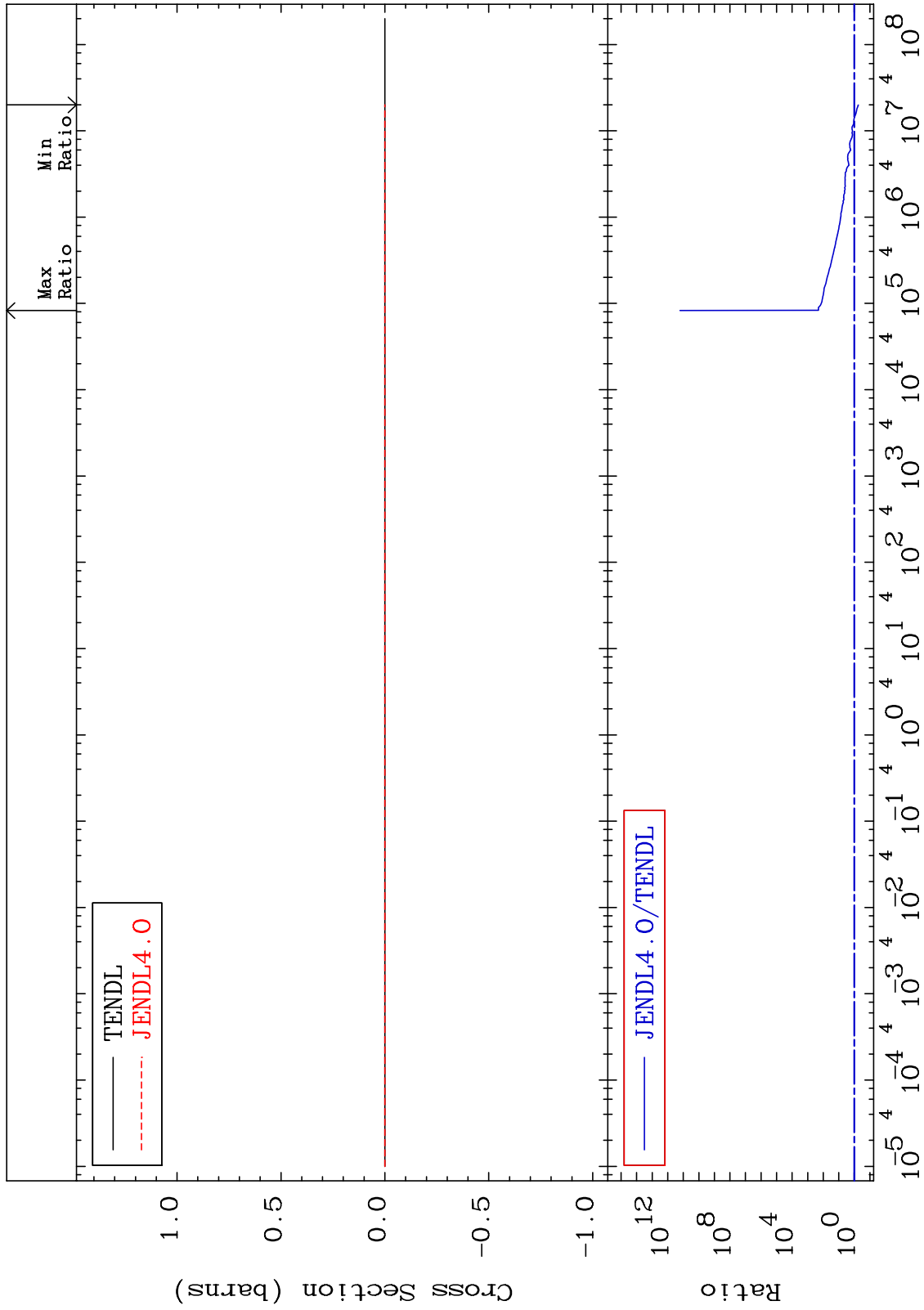
62-Sm-154
-45.38 To 9999. %



MAT 6255

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

62-Sm-154
-45.38 To 9999. %



55

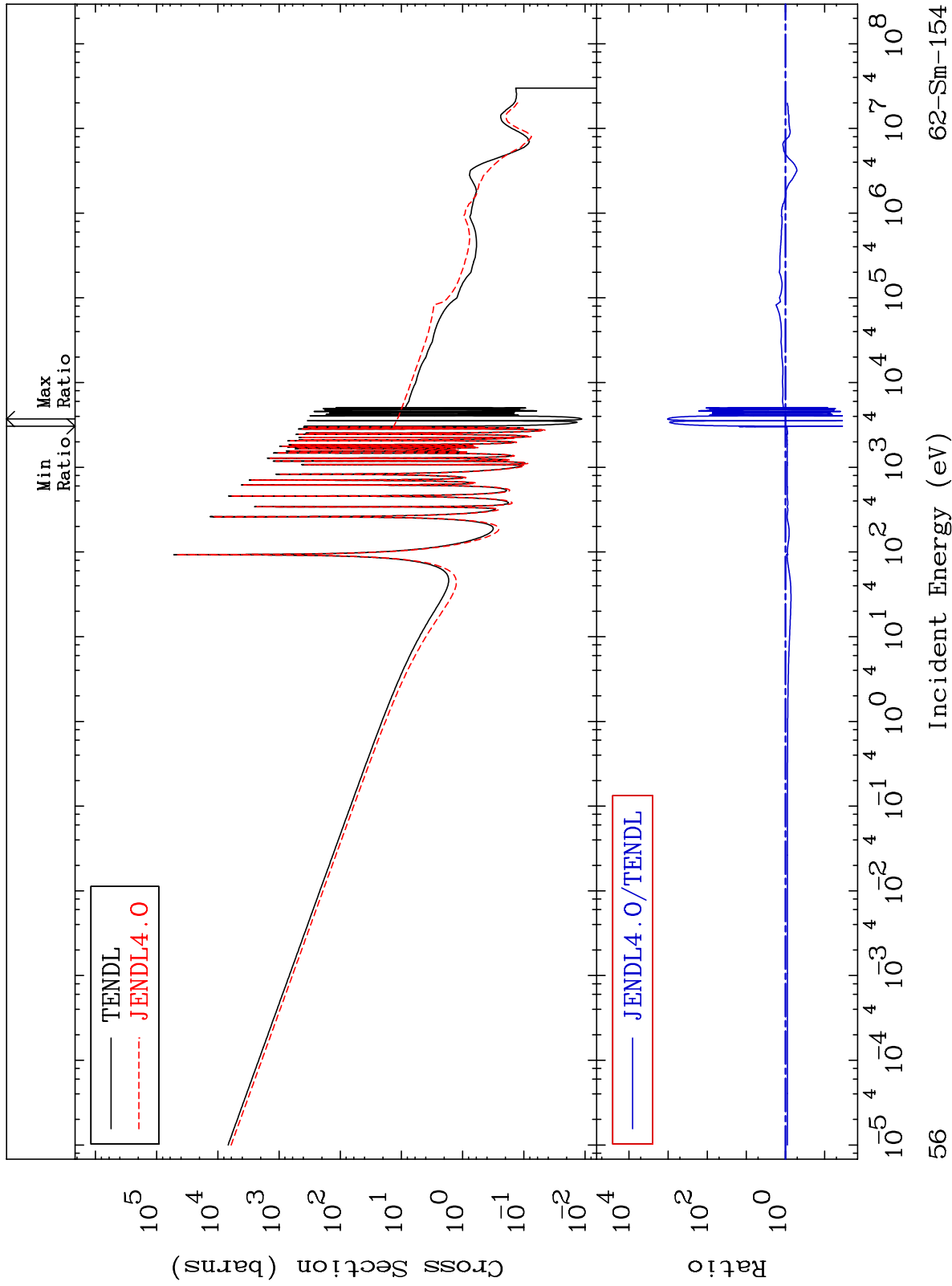
Incident Energy (eV)

62-Sm-154

MAT 6255

Kerma capture (mt102)
Cross Section

62-Sm-154
-96.56 To 9999. %



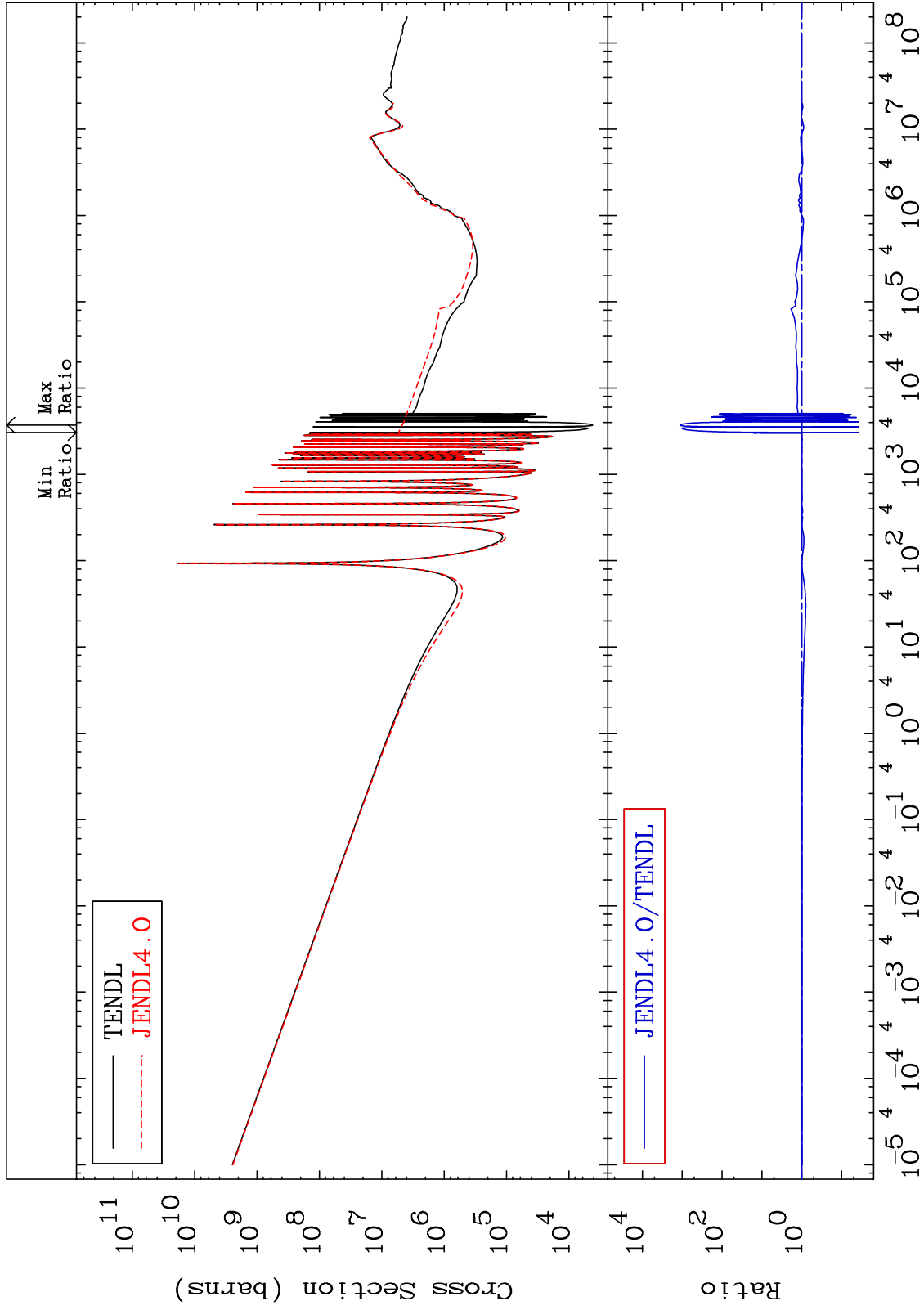
56

62-Sm-154

MAT 6255

Total photon (eV-barns)
Cross Section

62-Sm-154
-96.22 To 9999. %



57

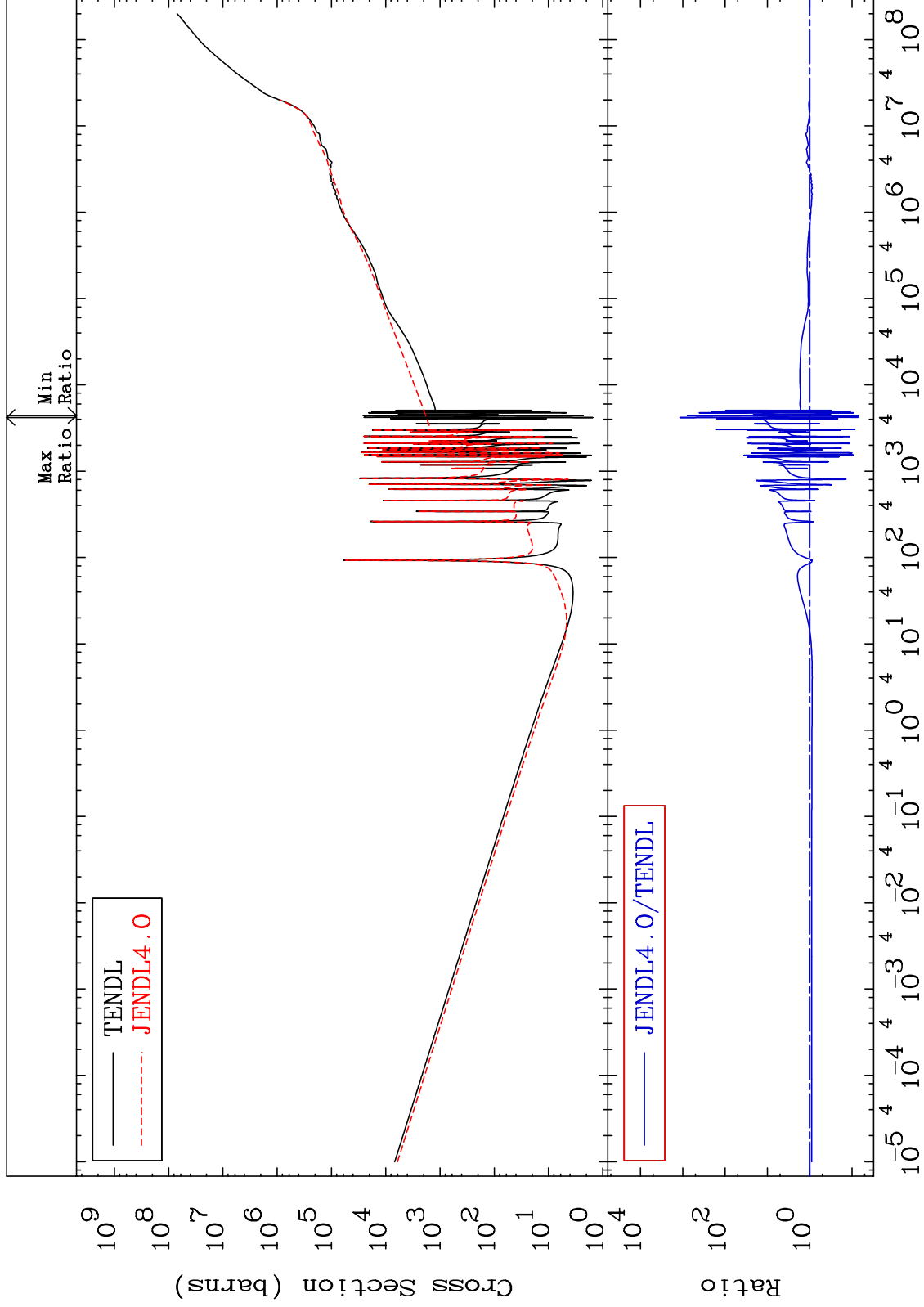
Incident Energy (eV)

62-Sm-154

MAT 6255

Total kinematic kerma (high limit)
Cross Section

62-Sm-154
-92.97 To 9999. %



58

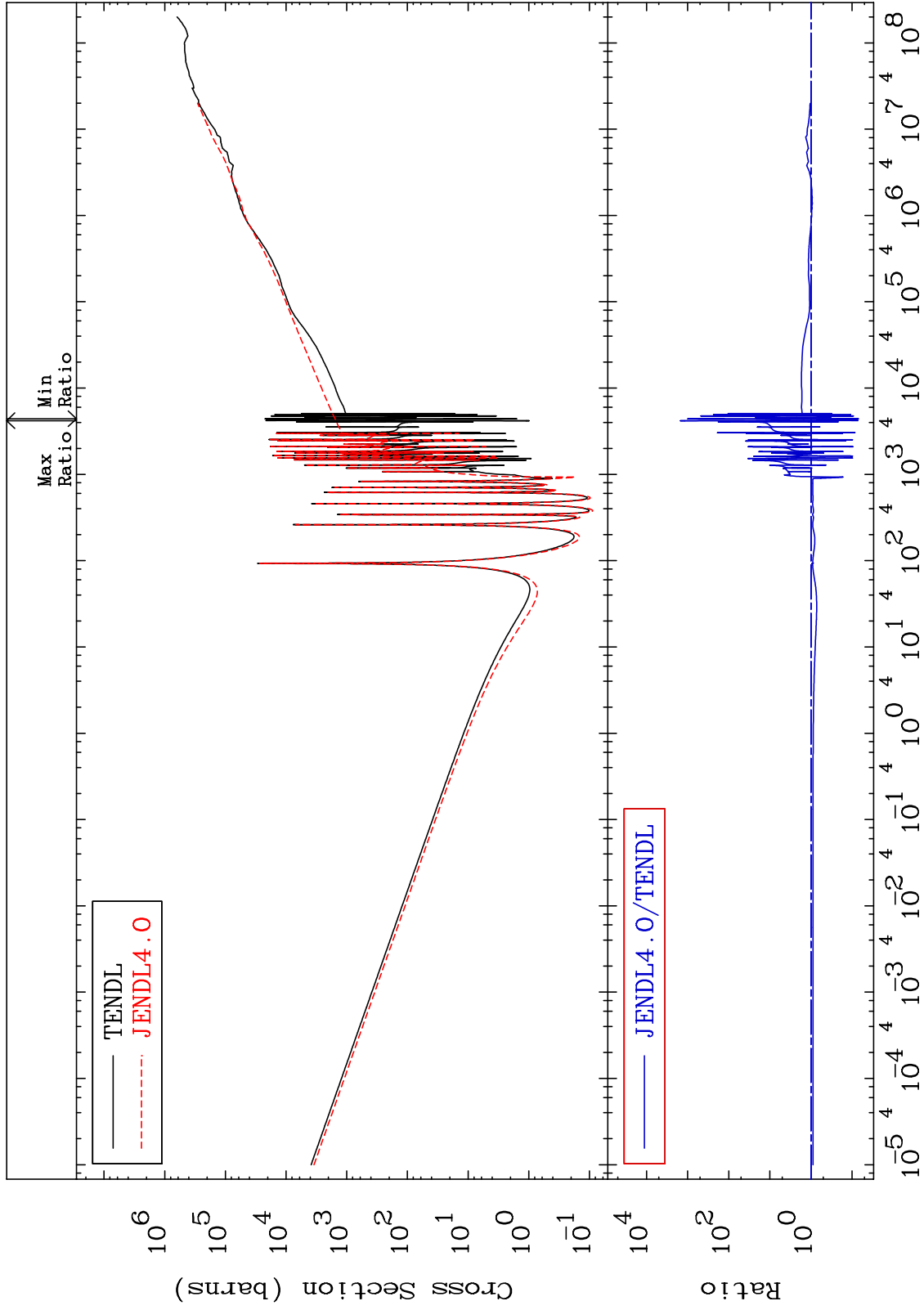
Incident Energy (eV)

62-Sm-154

MAT 6255

Dpa total (eV-barns)
Cross Section

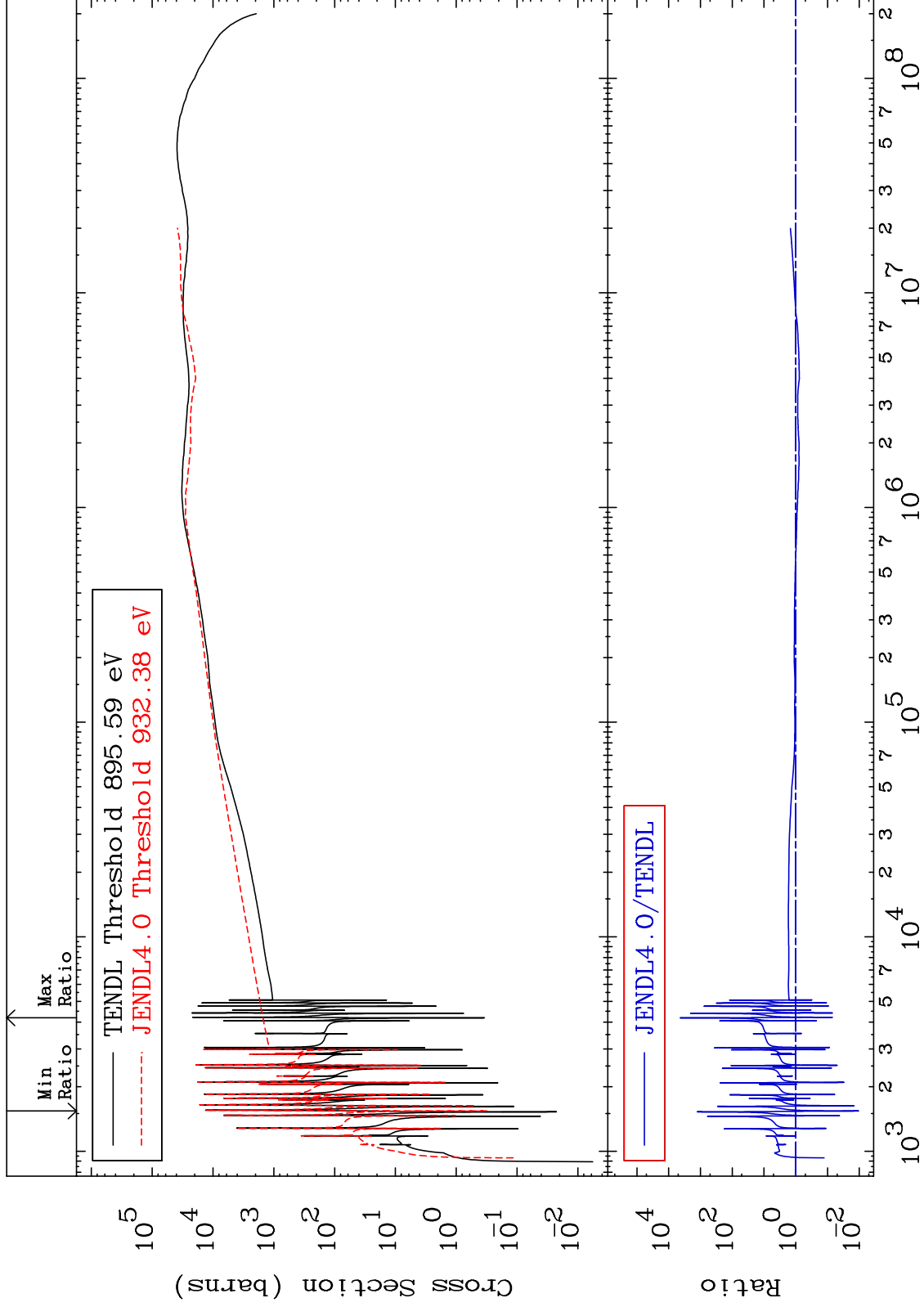
62-Sm-154
-92.98 To 9999. %



MAT 6255

Dpa elastic (mt2)
Cross Section

62-Sm-154
-98.93 To 9999. %



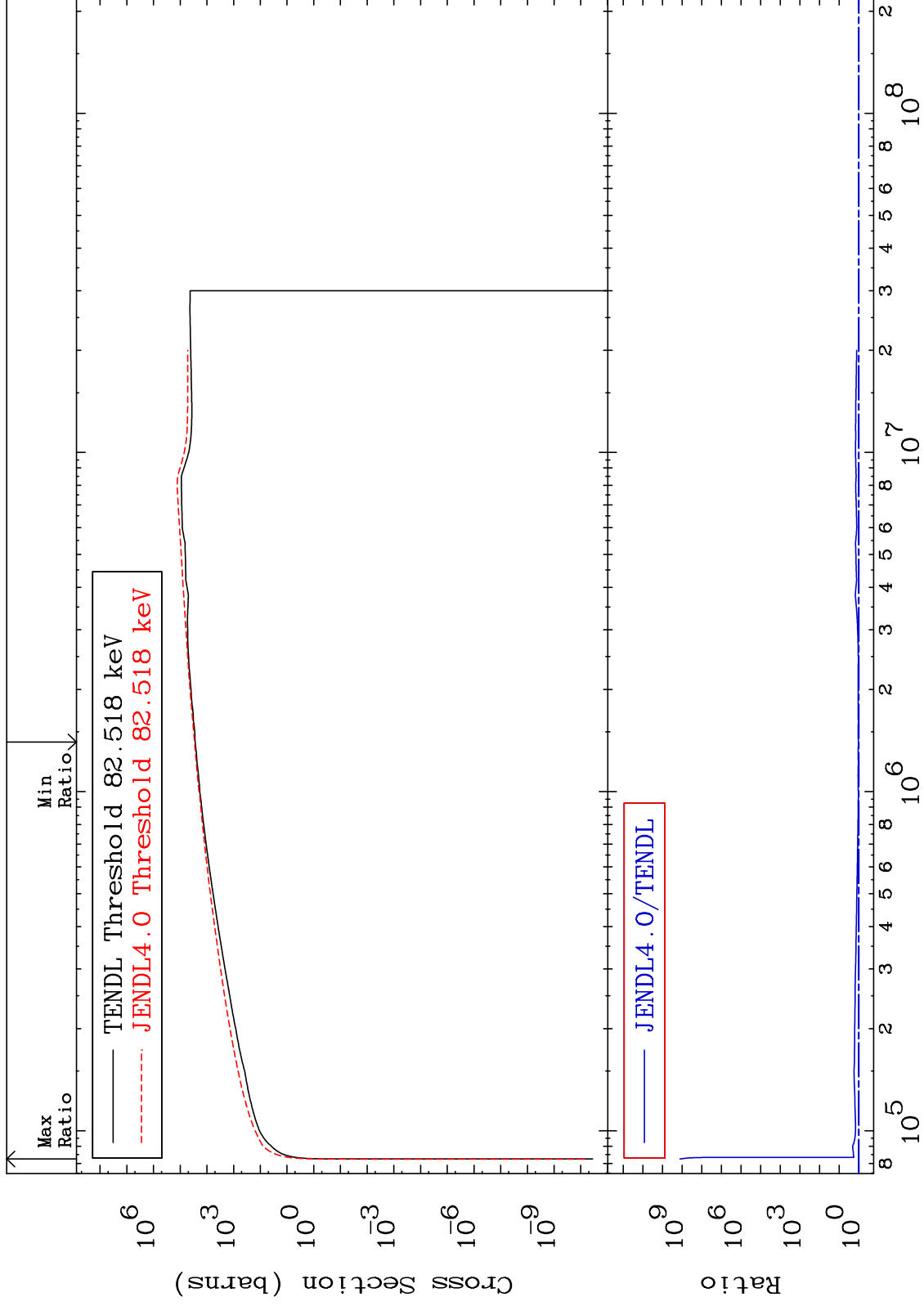
60

62-Sm-154

MAT 6255

Dpa inelastic (mt51-91)
Cross Section

62-Sm-154
5.028 To 9999. %



61

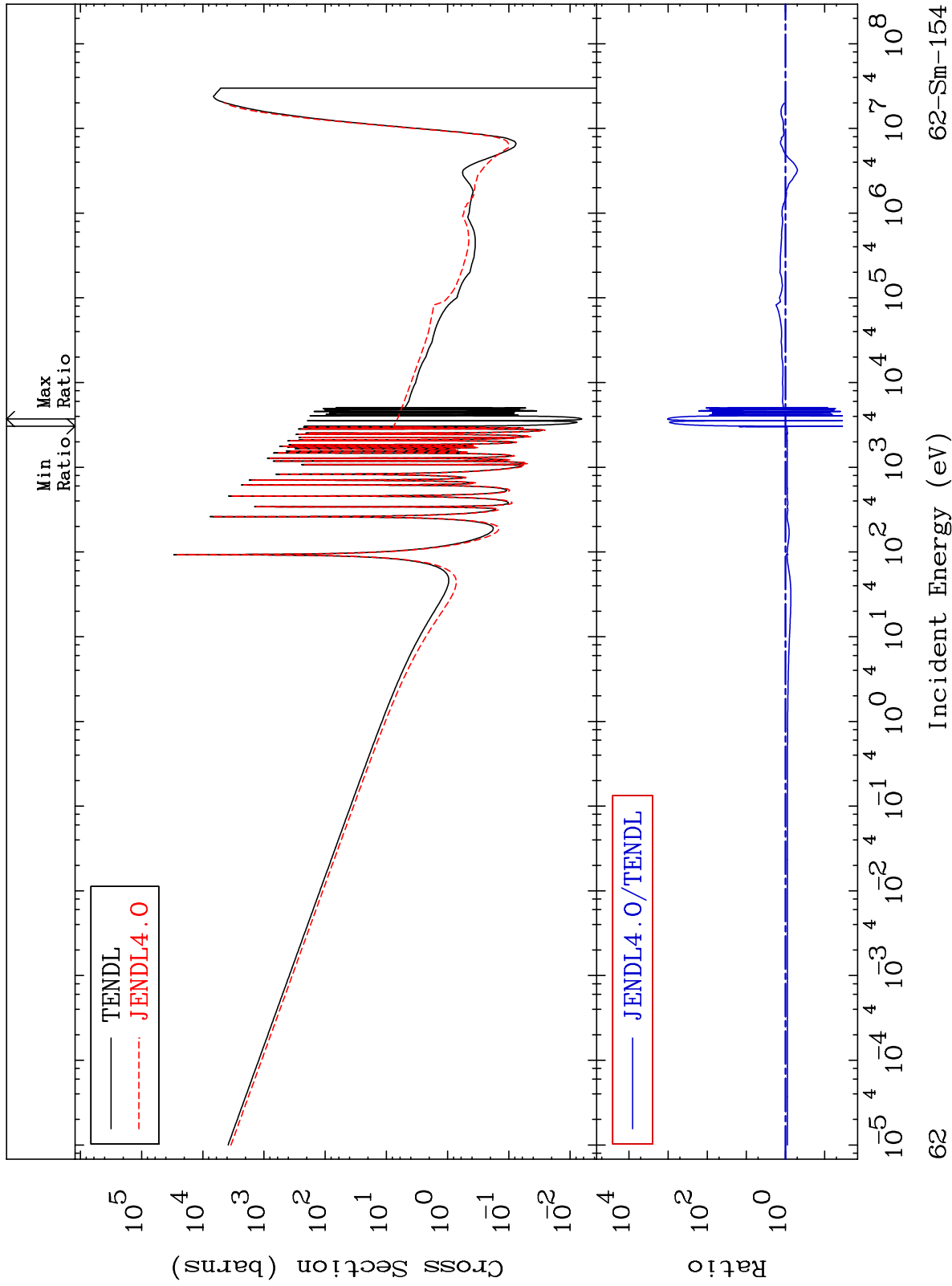
Incident Energy (eV)

62-Sm-154

MAT 6255

Dpa disappearance (mt102 -120)
Cross Section

62-Sm-154
-96.55 To 9999. %



62

62-Sm-154