

Program Complot
(Version 2018-1)

by

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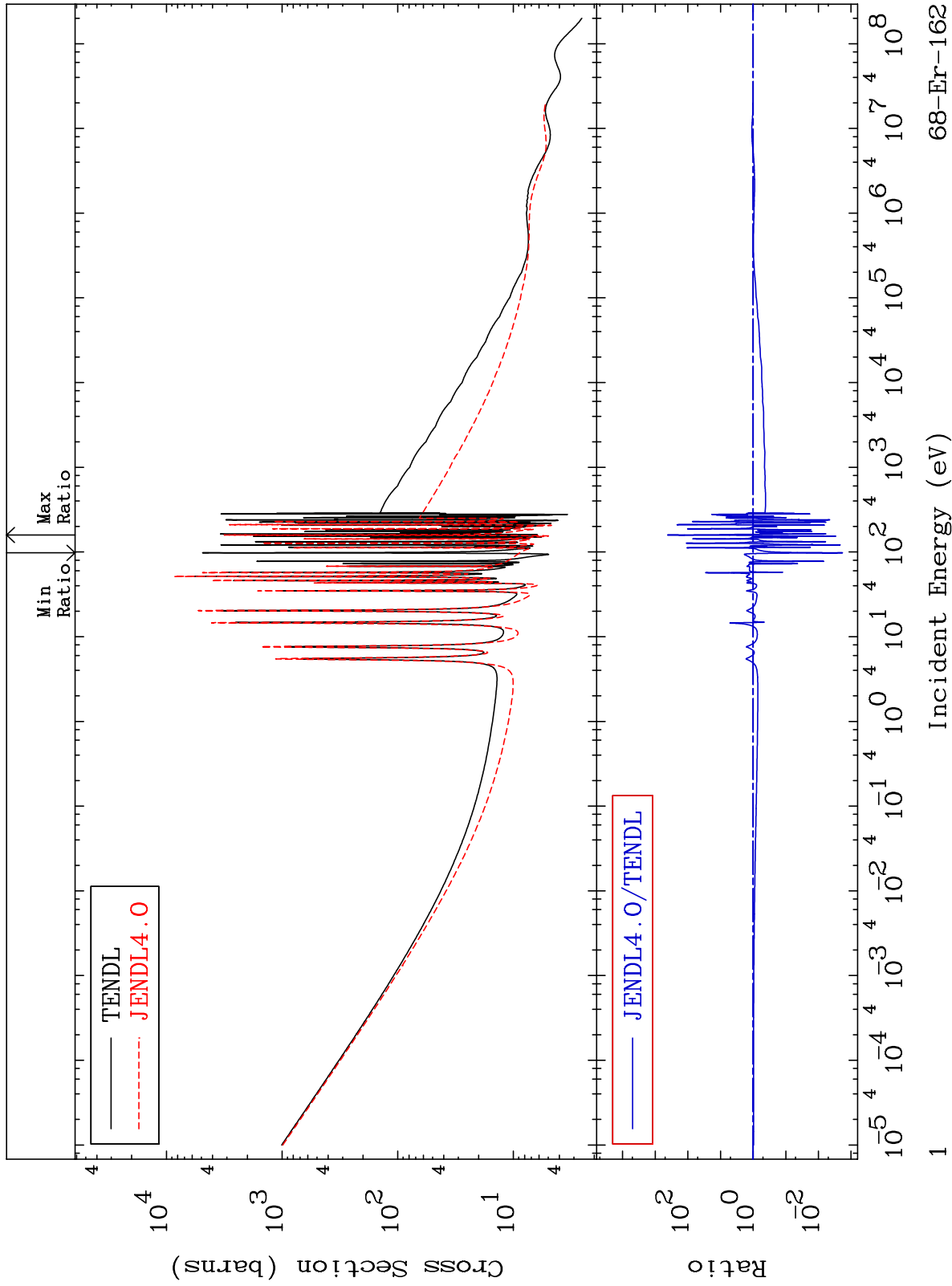
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 6825

Total Cross Section
68-Er-162
-99.82 To 9999. %



68-Er-162

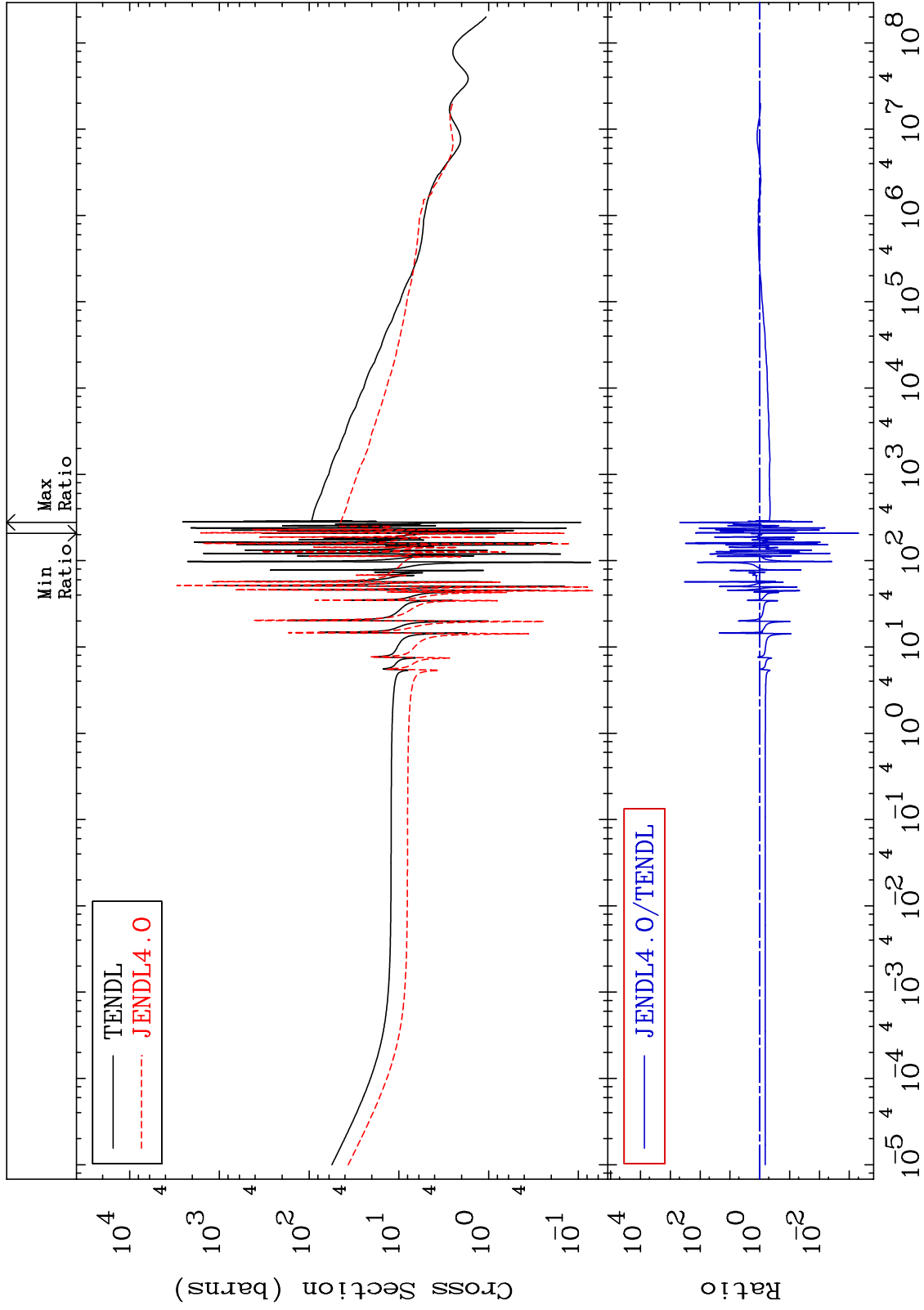
MAT 6825

Elastic

68-Er-162

Cross Section

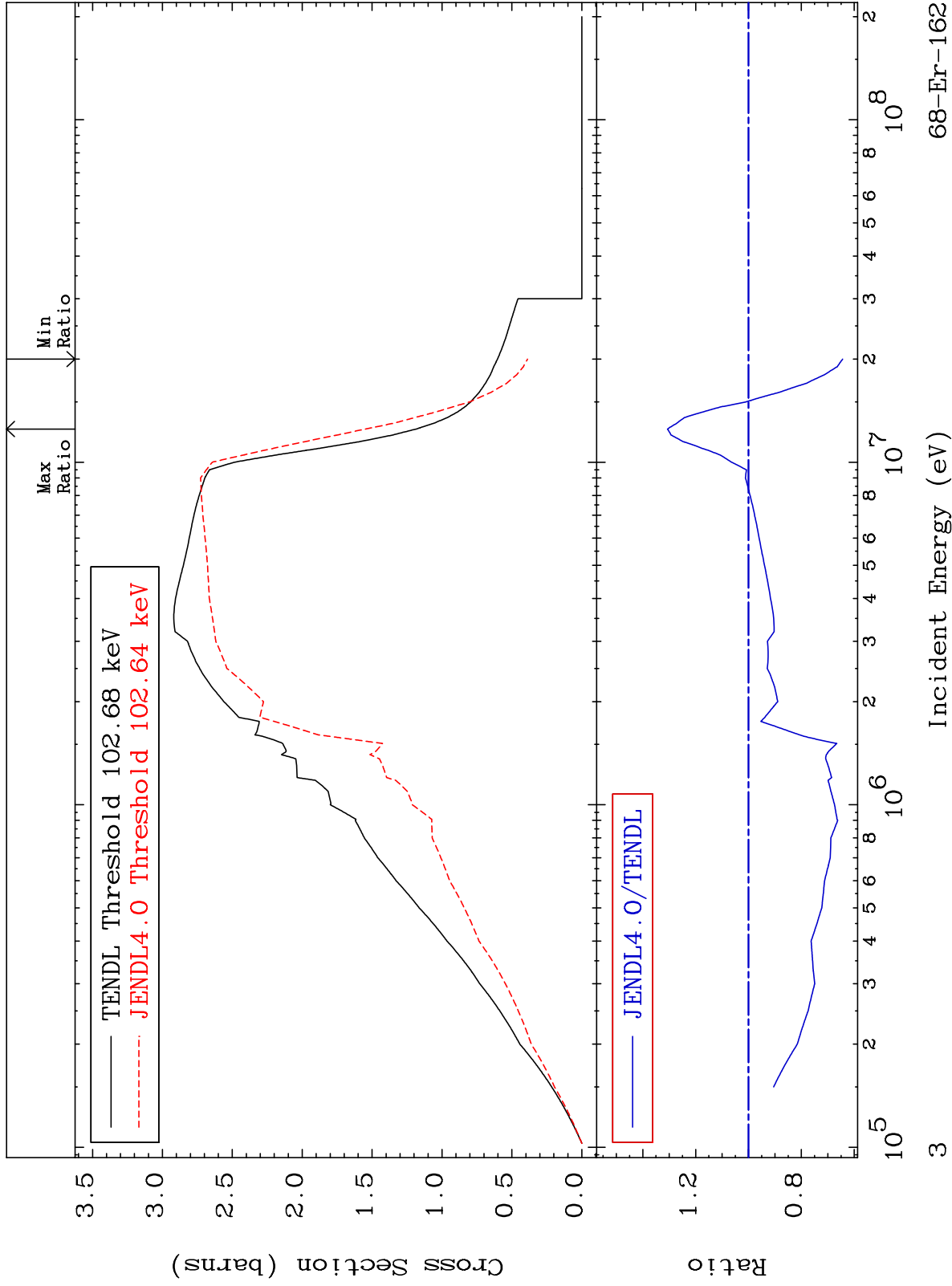
-99.95 To 9999. %



MAT 6825

Inelastic
Cross Section

68-Er-162
-35.62 To 30.63 %



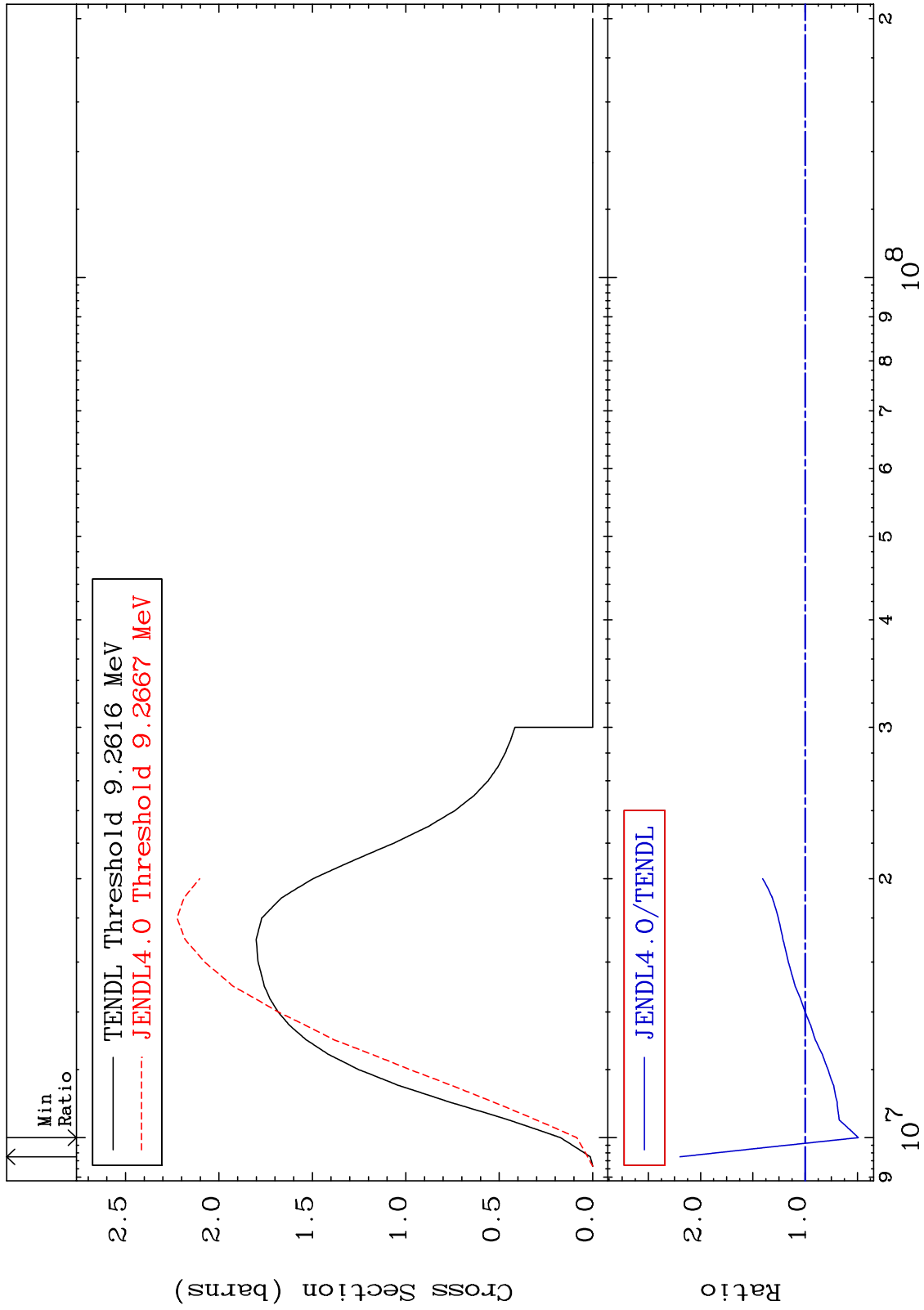
MAT 6825

(n,2n)

68-Er-162

Cross Section

-50.98 To 119.7 %



68-Er-162

Incident Energy (eV)

4

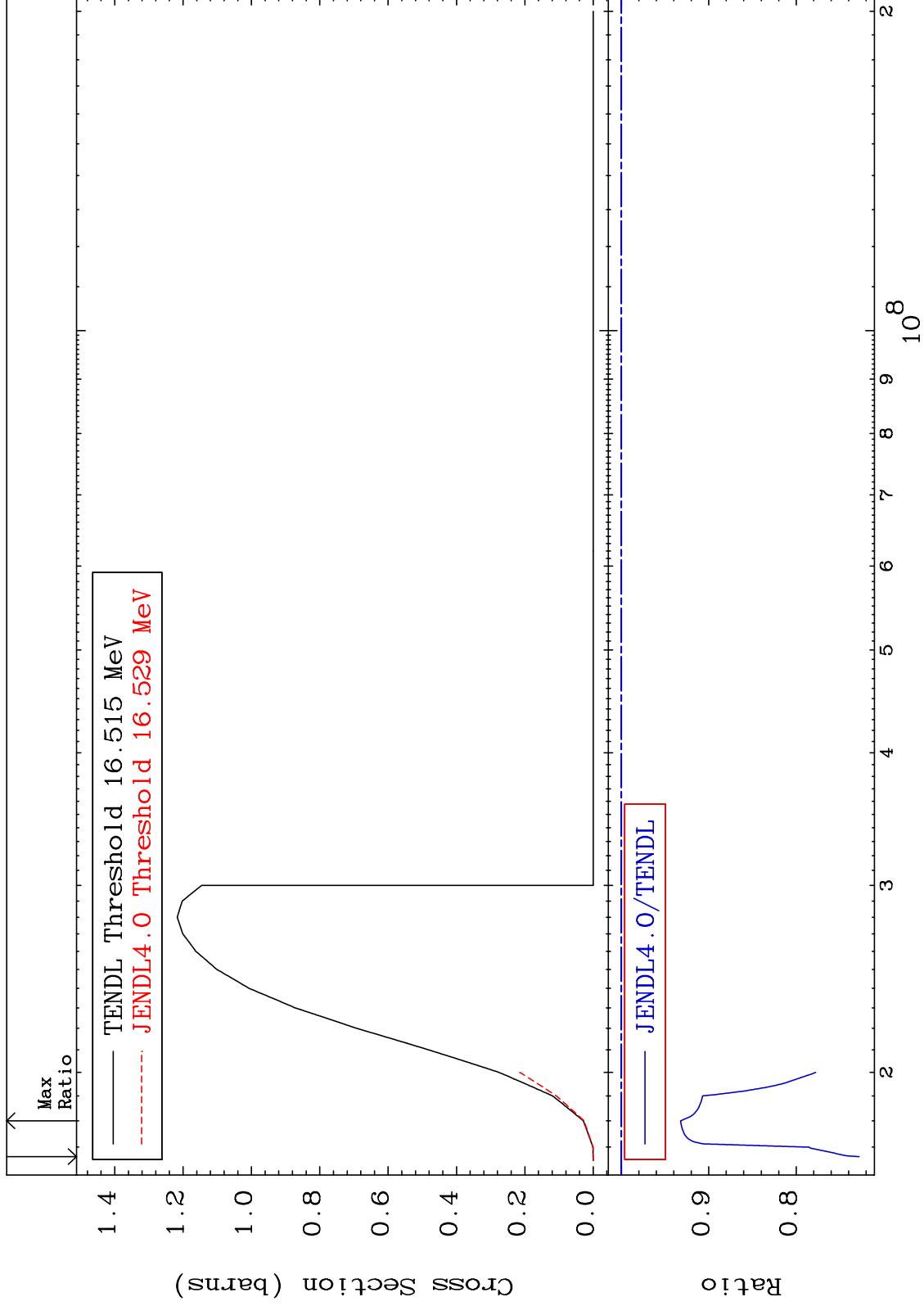
MAT 6825

(n,3n)

68-Er-162

Cross Section

-27.20 To -6.783%



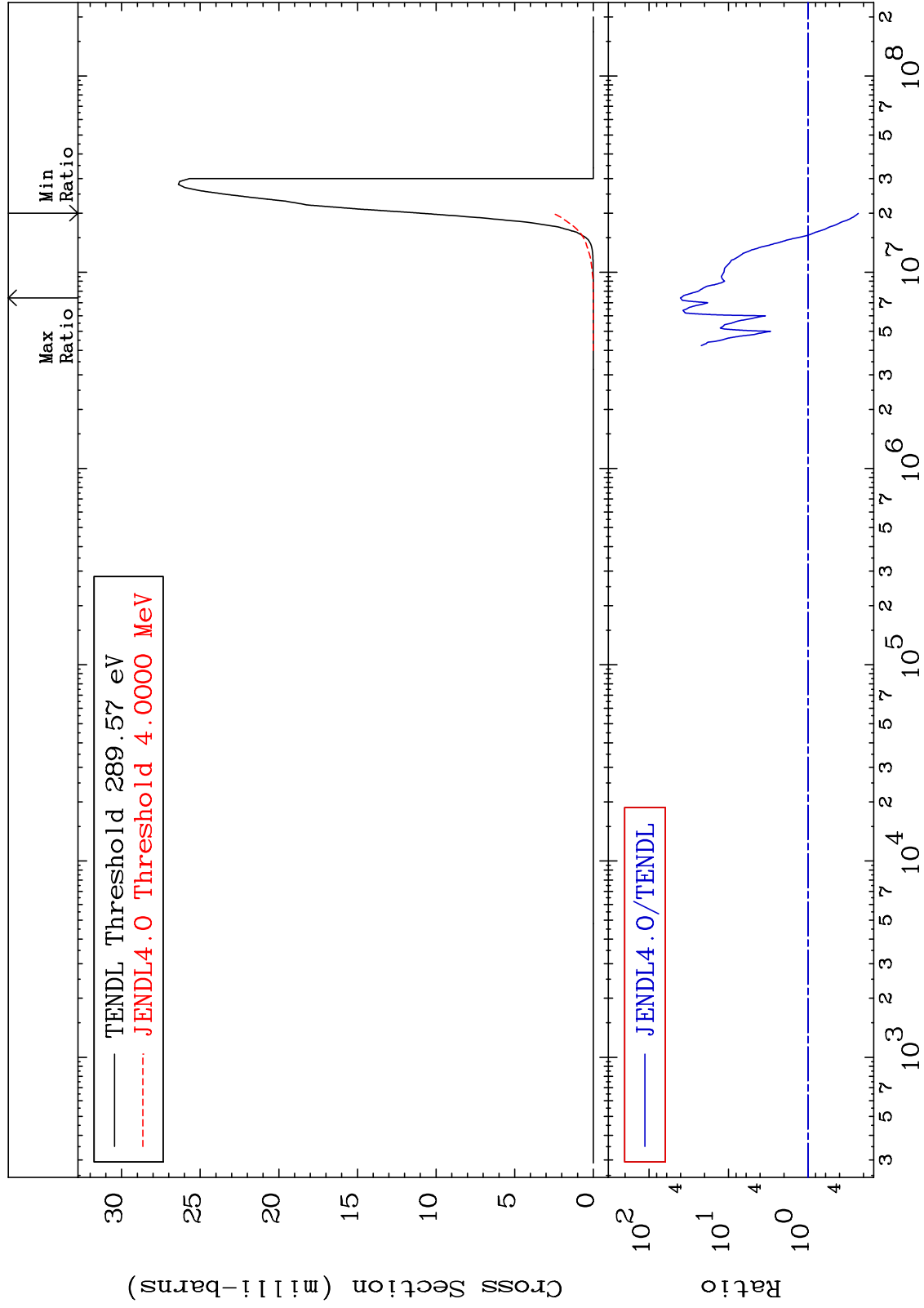
MAT 6825

(n, n') α

Cross Section

68-Er-162

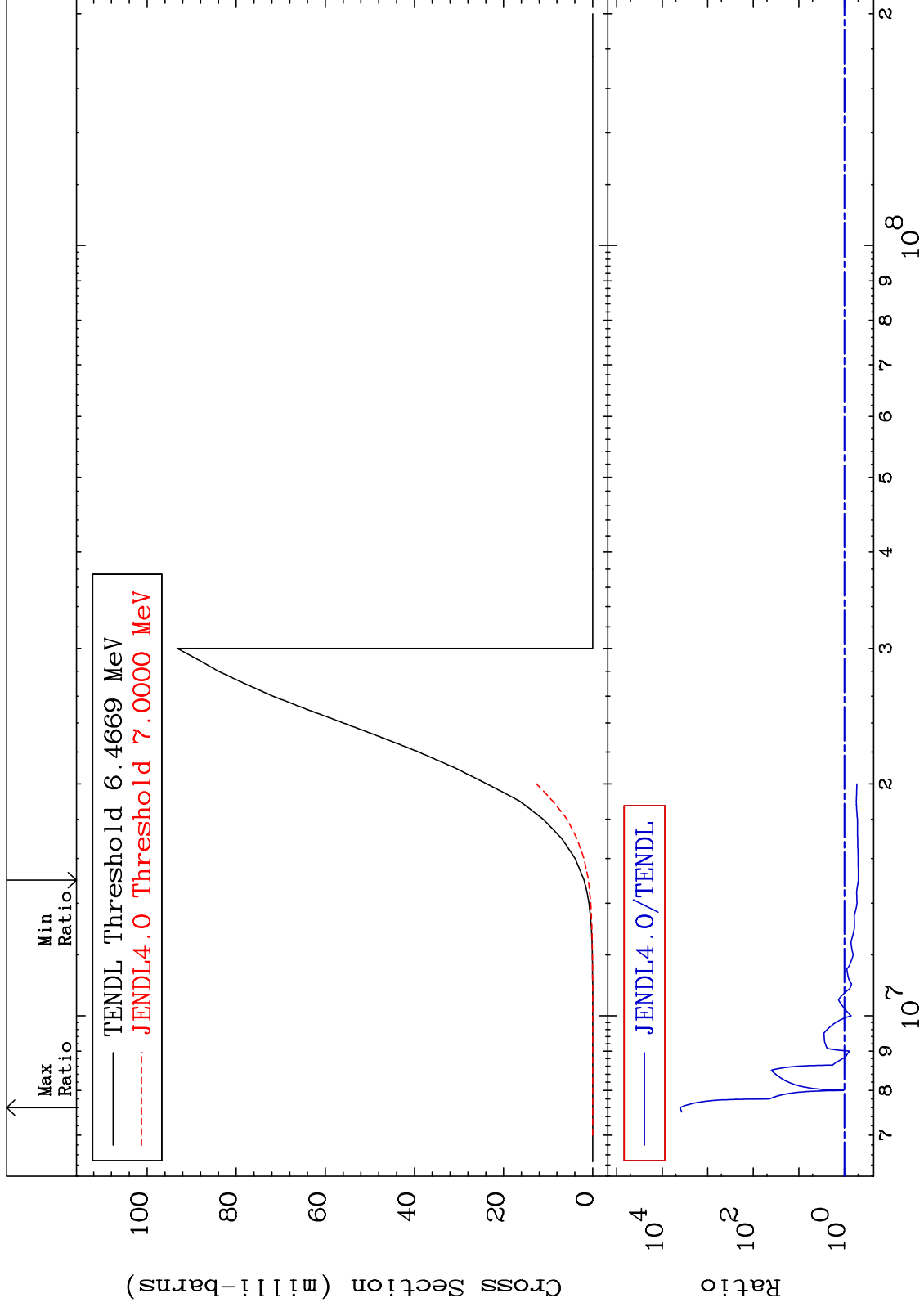
-76.88 To 3925. %



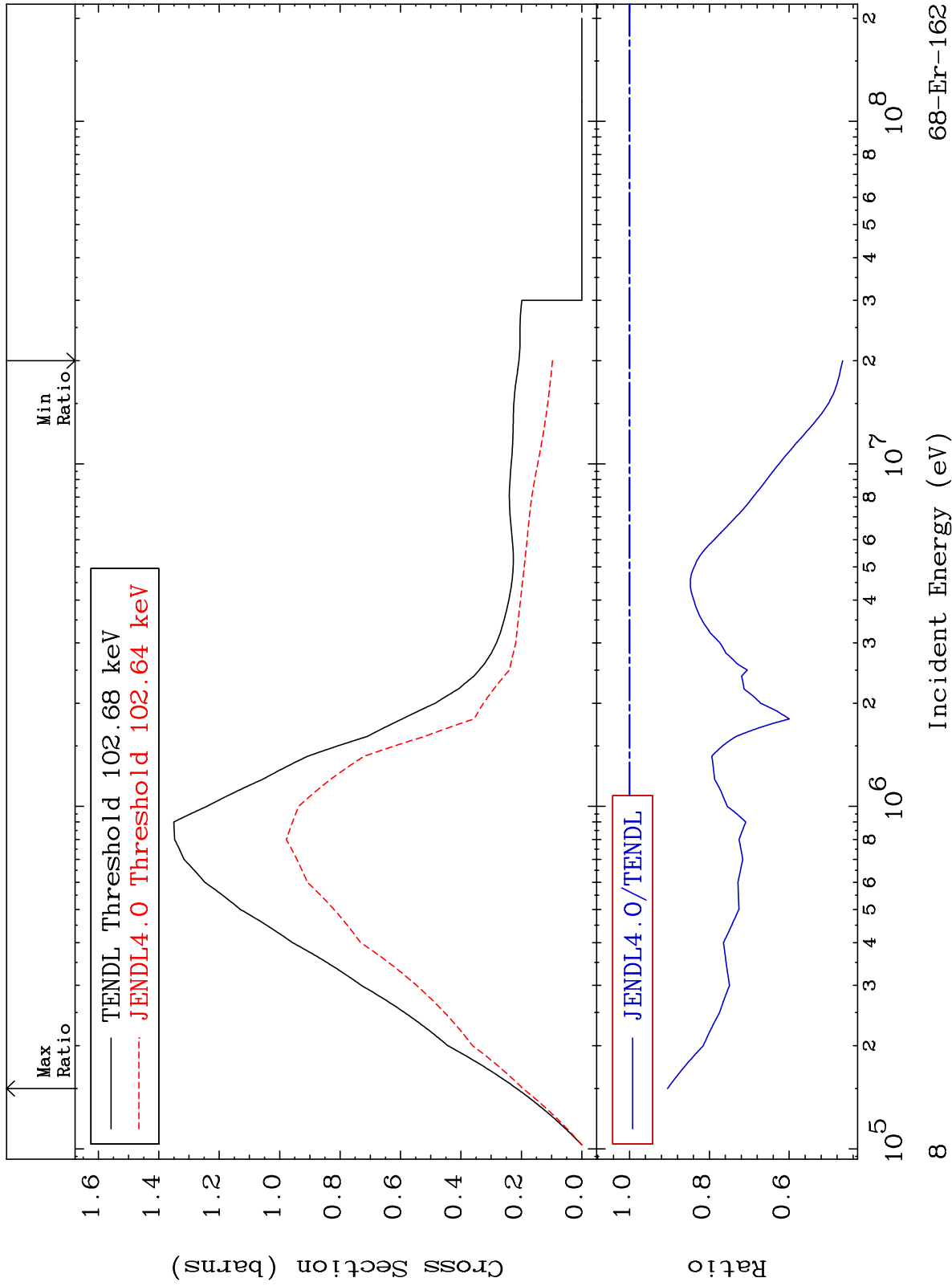
MAT 6825

(n,n') p
Cross Section

68-Er-162
-50.89 To 9999. %



MAT 6825 MT= 51 (n,n') Level 68-Er-162
Cross Section -53.40 To -9.516%

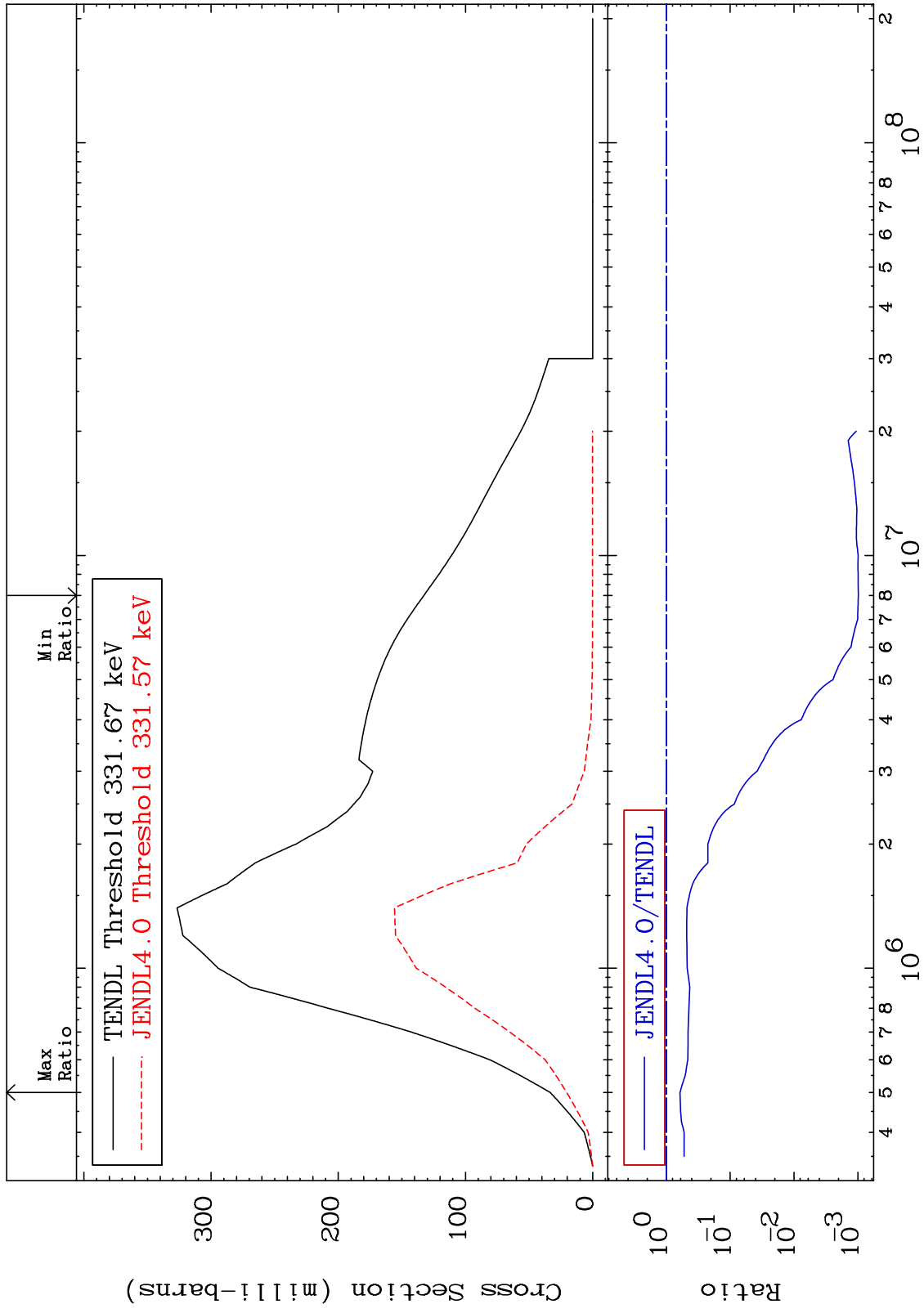


68-Er-162

Incident Energy (eV)

8

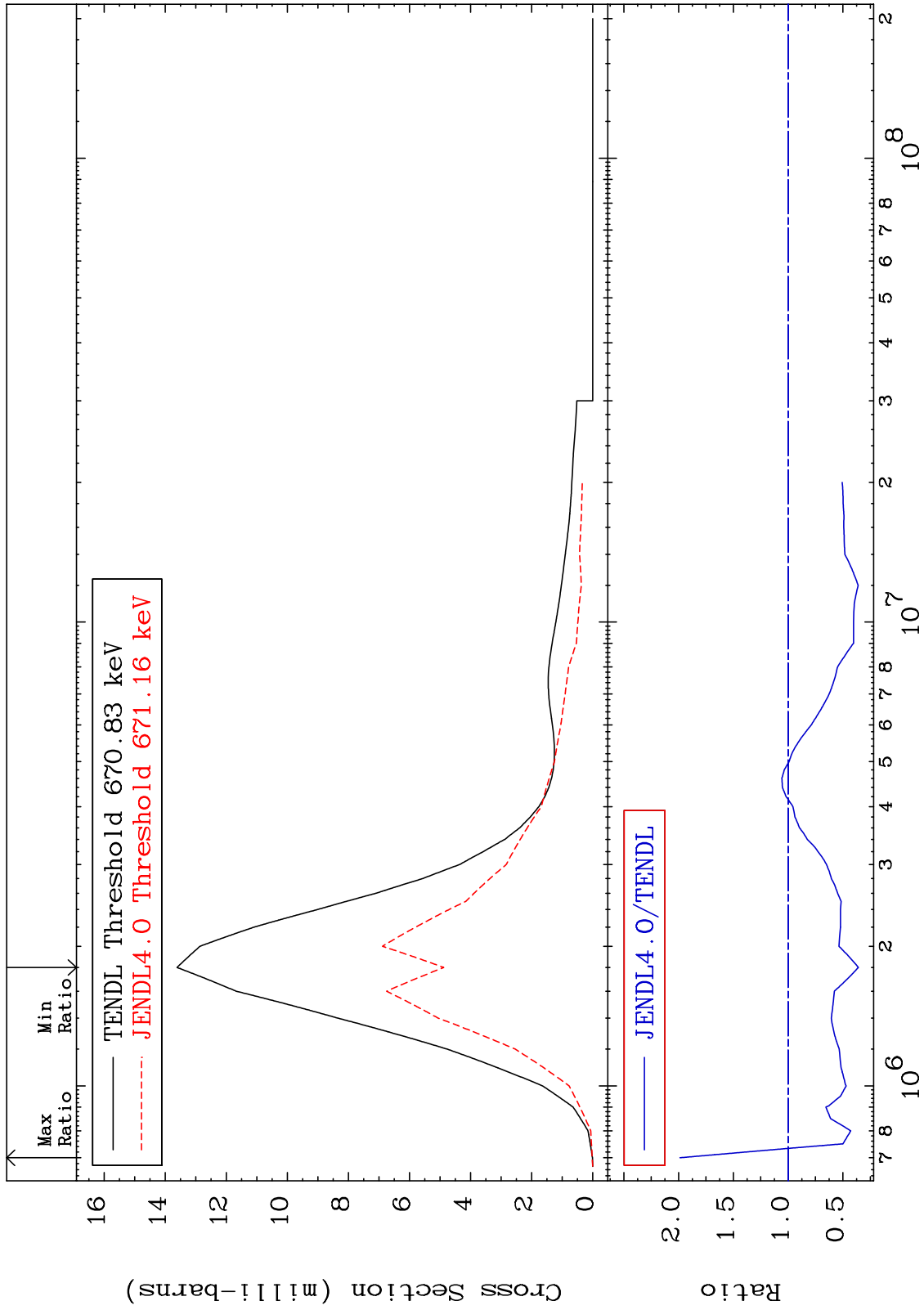
MAT 6825 MT= 52 (n,n') Level Cross Section 68-Er-162 -99.90 To -38.86%



MAT 6825

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

68-Er-162
-64.18 To 98.72 %



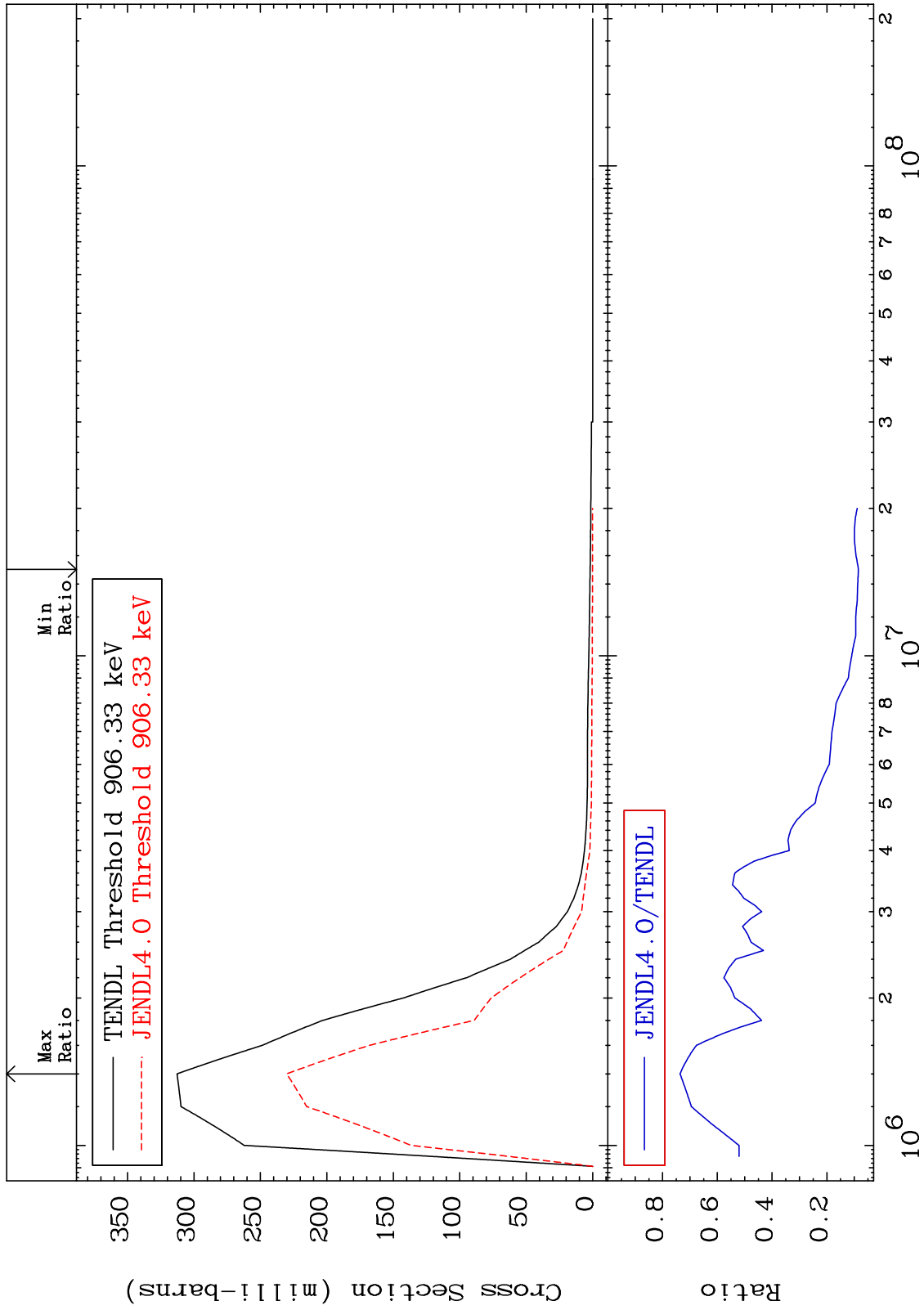
68-Er-162

Incident Energy (eV)

MAT 6825

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

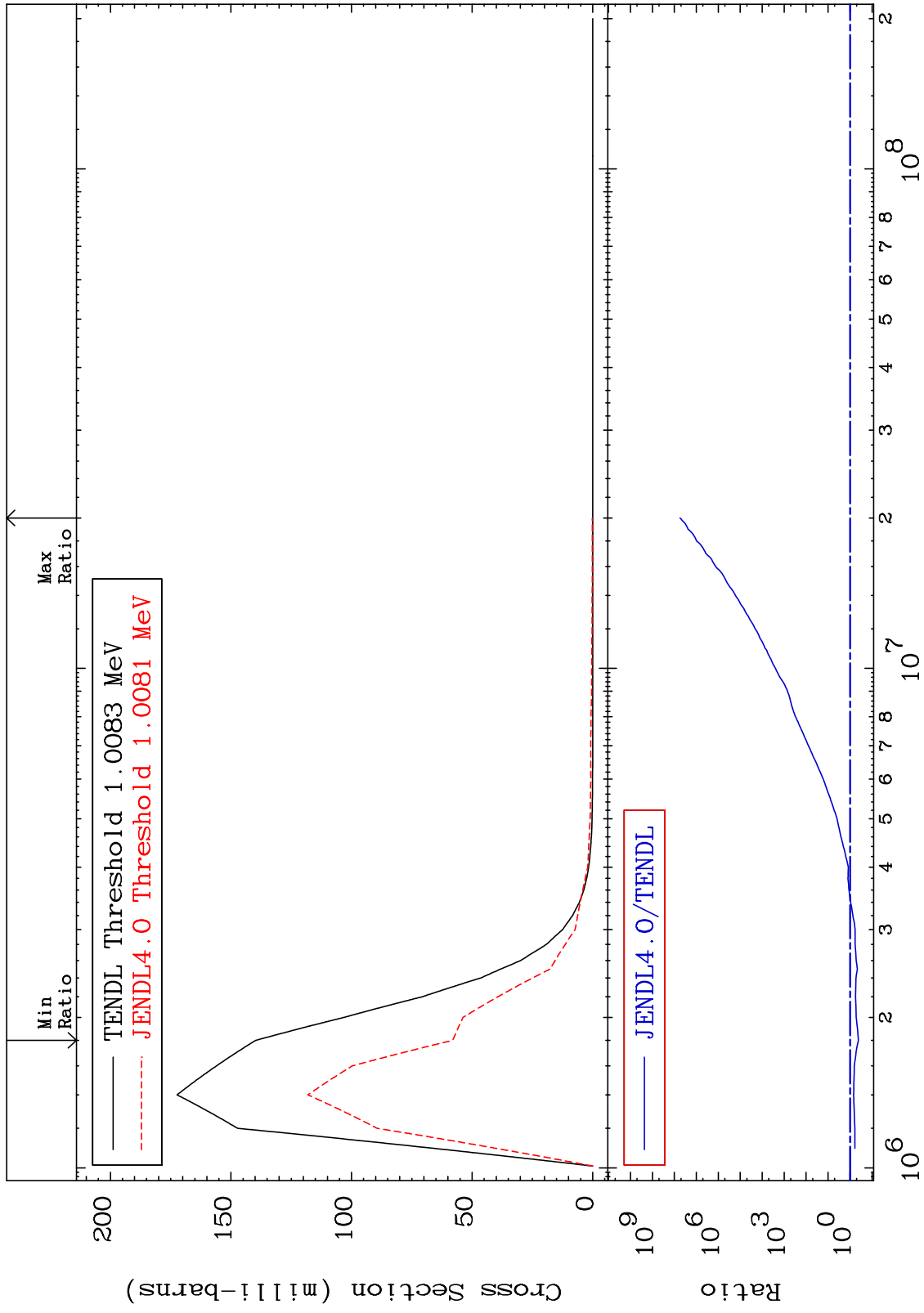
68-Er-162
-91.53 To -26.37%



11

68-Er-162

MAT 6825
MT= 55 (n, n') Level
Cross Section
68-Er-162
-58.42 To 9999. %

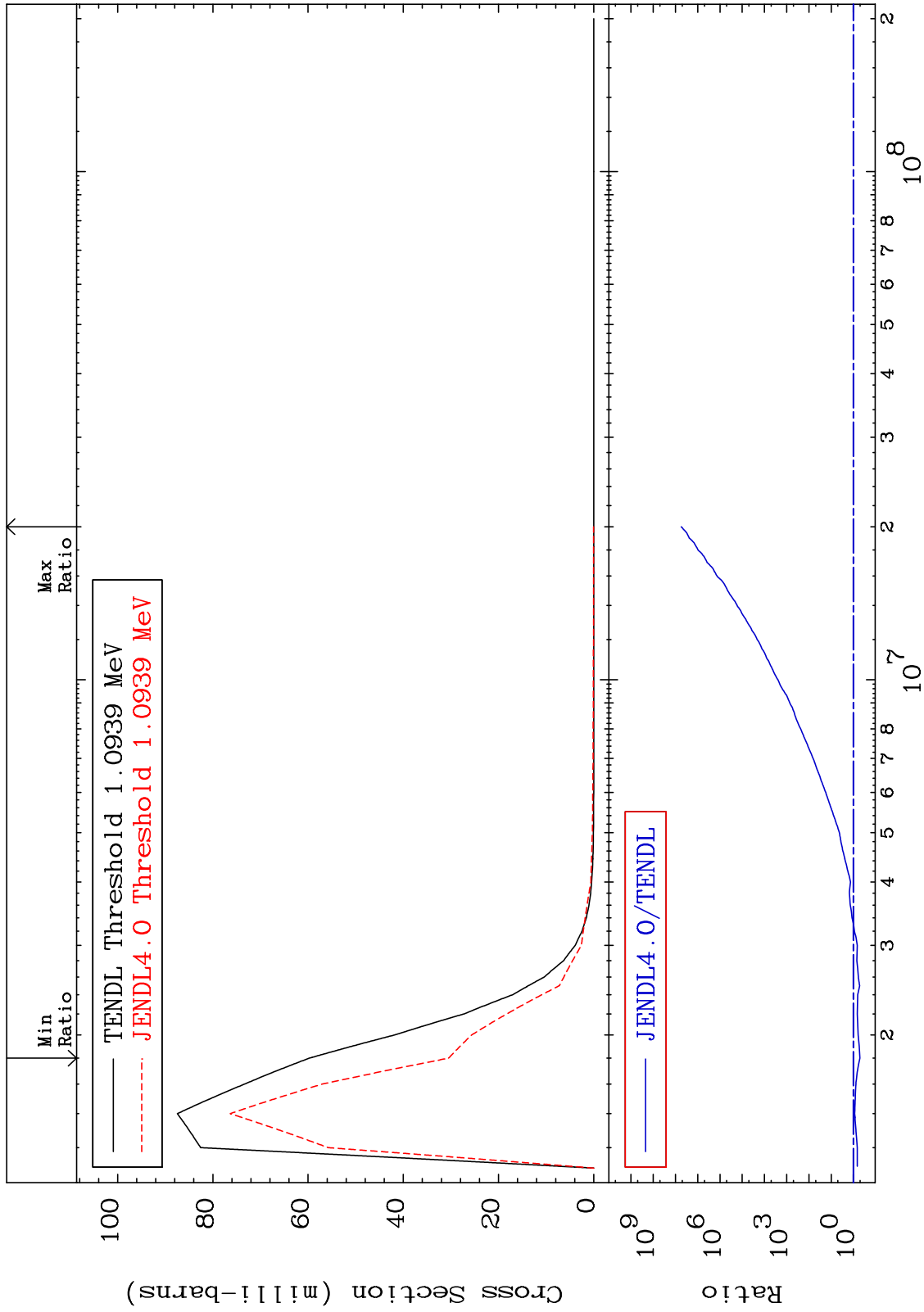


12
Incident Energy (eV)
68-Er-162

MAT 6825

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

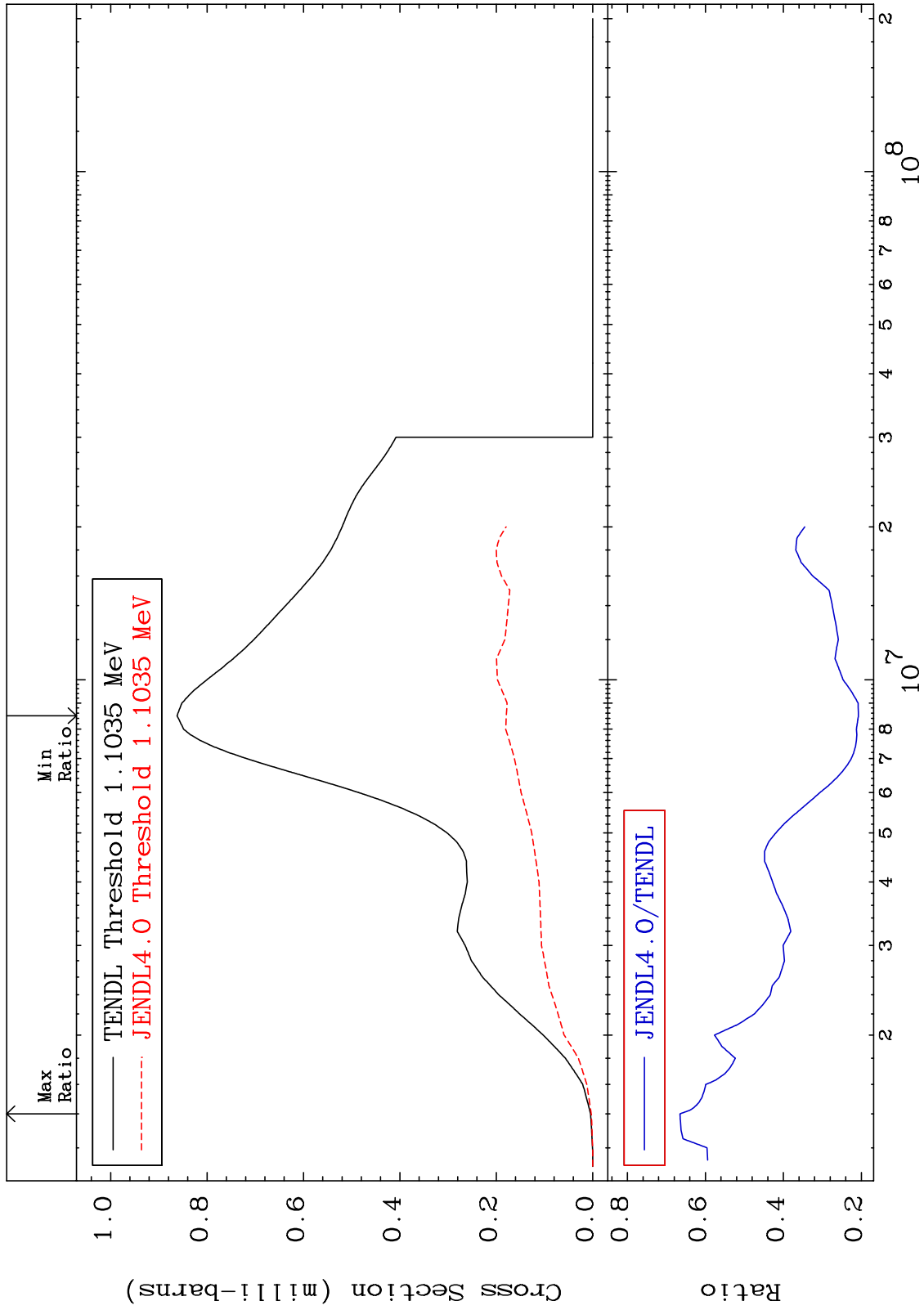
68-Er-162
-48.98 To 9999. %



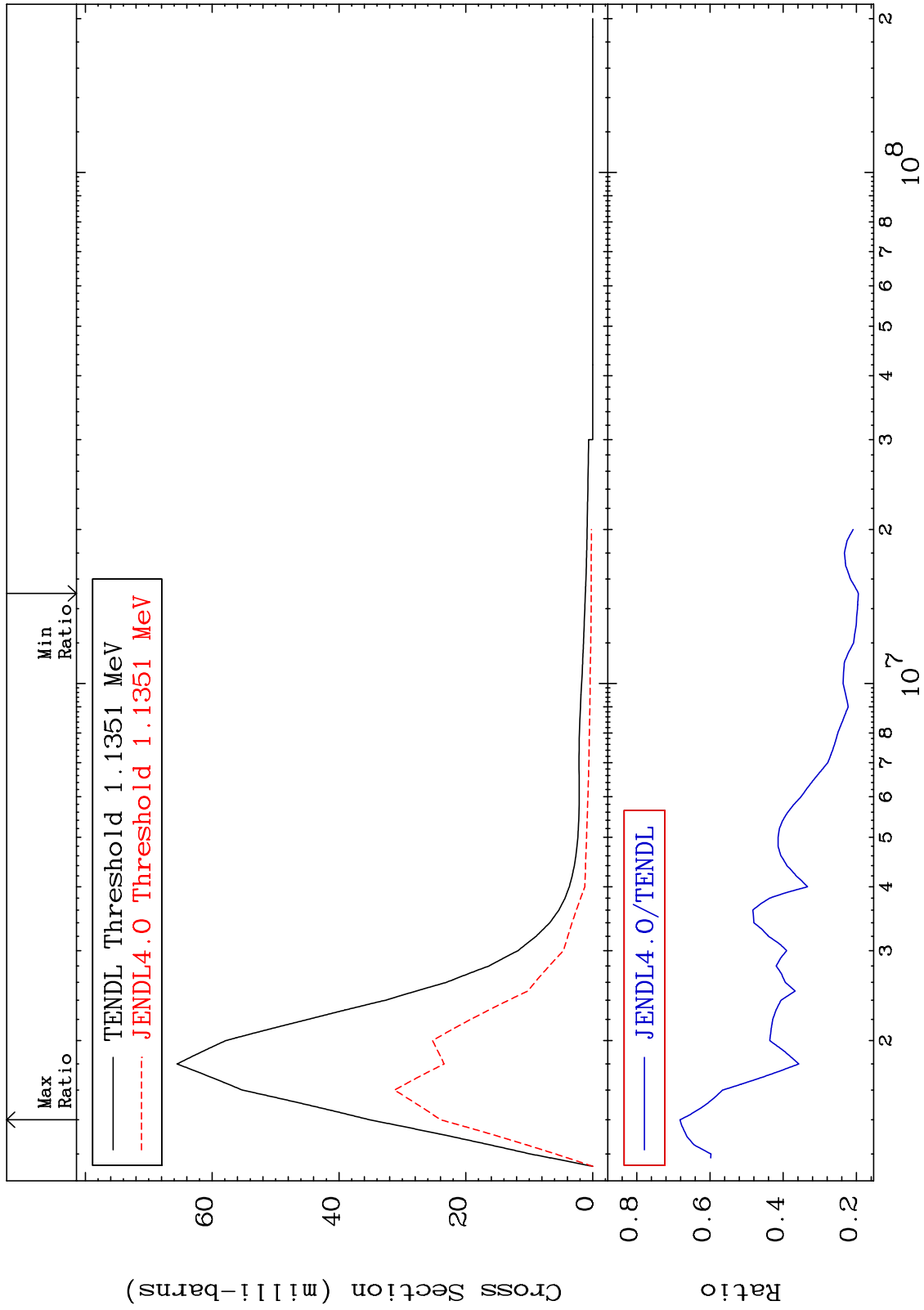
MAT 6825

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

68-Er-162
-79.23 To -33.48%



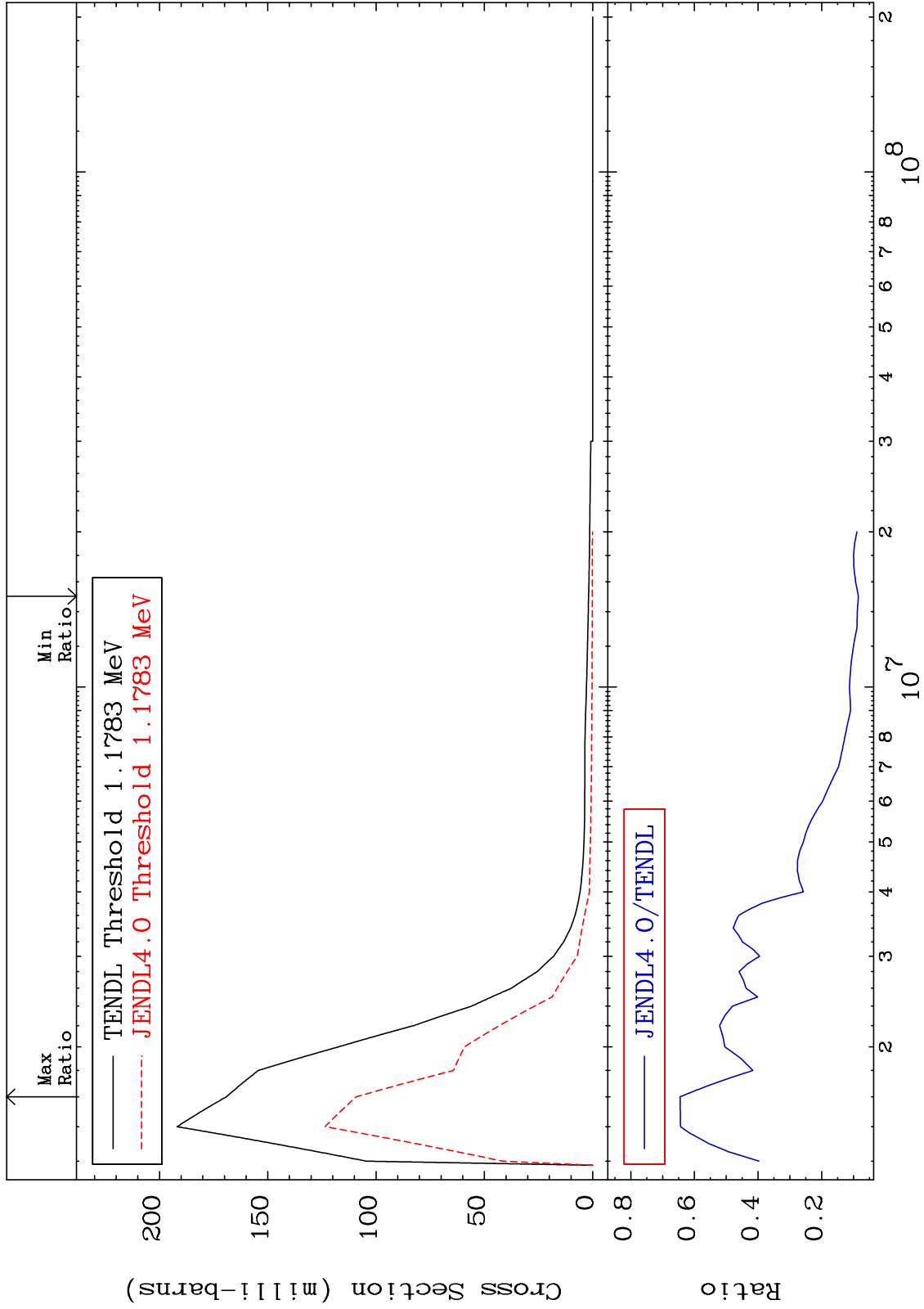
MAT 6825 MT= 58 (n, n') Level
 Cross Section 68-Er-162
 -80.53 To -31.82%



MAT 6825

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

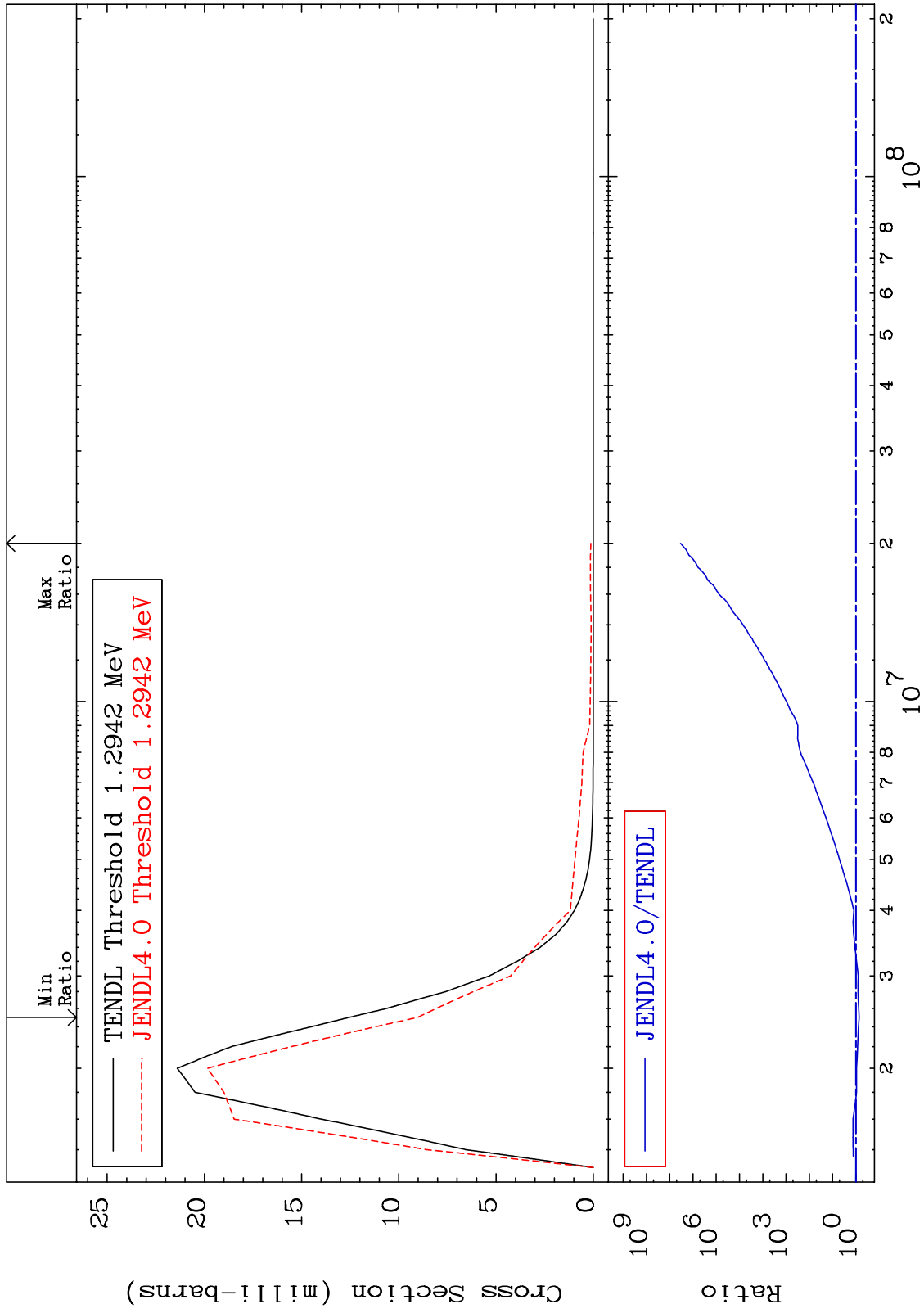
68-Er-162
-91.52 To -35.46%



MAT 6825

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

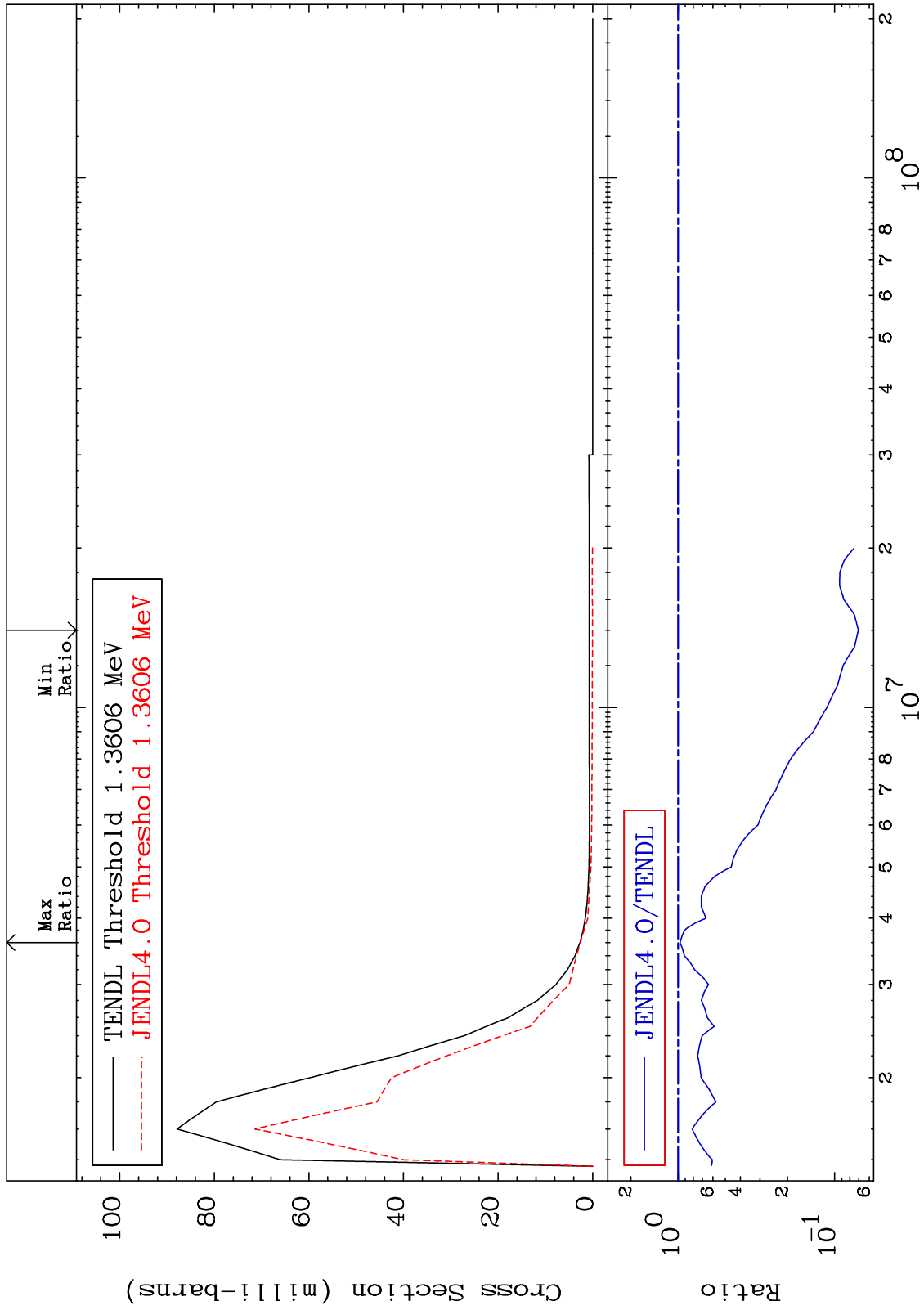
68-Er-162
-28.07 To 9999. %



MAT 6825

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

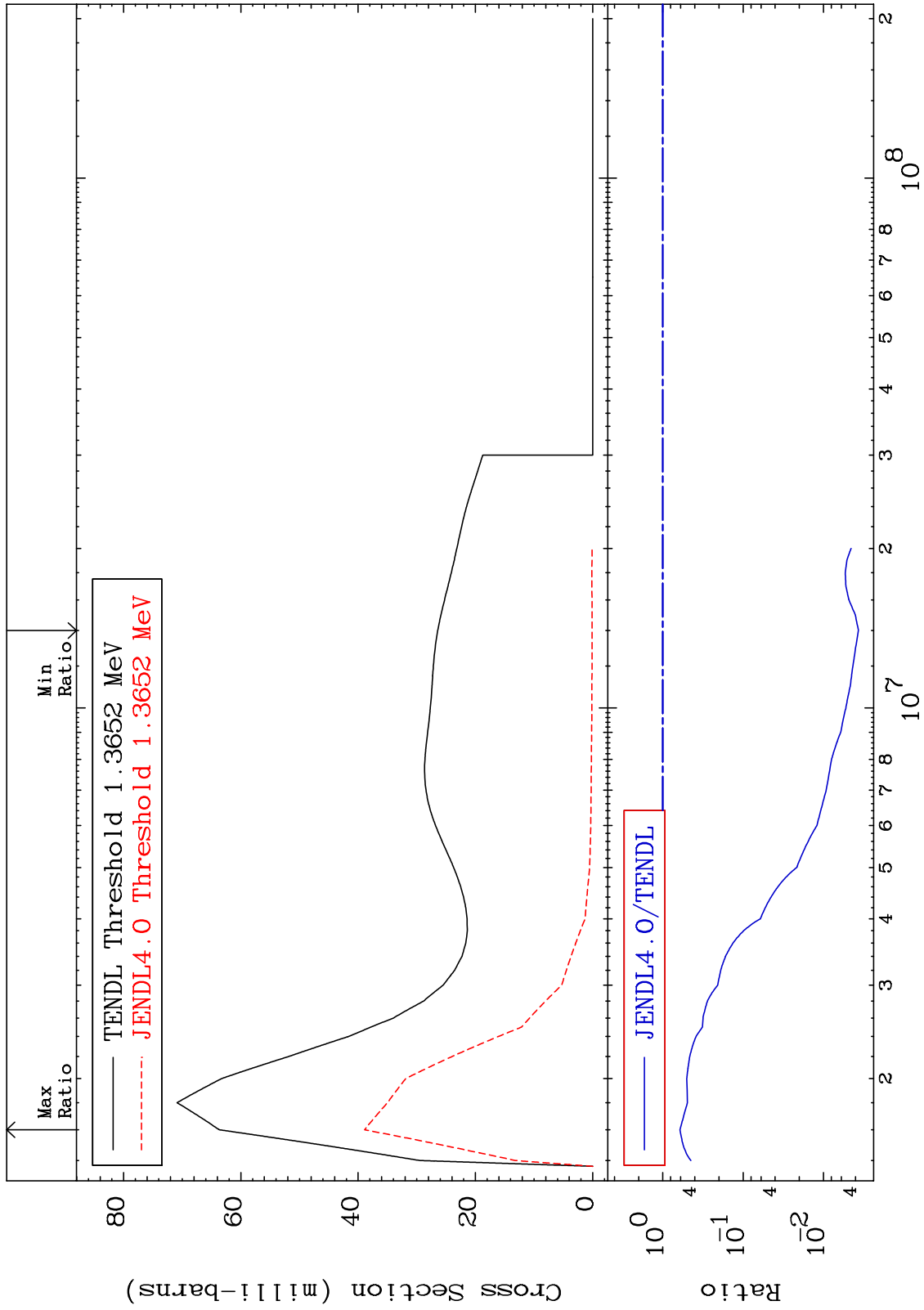
68-Er-162
-92.95 To -2.782%



MAT 6825

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

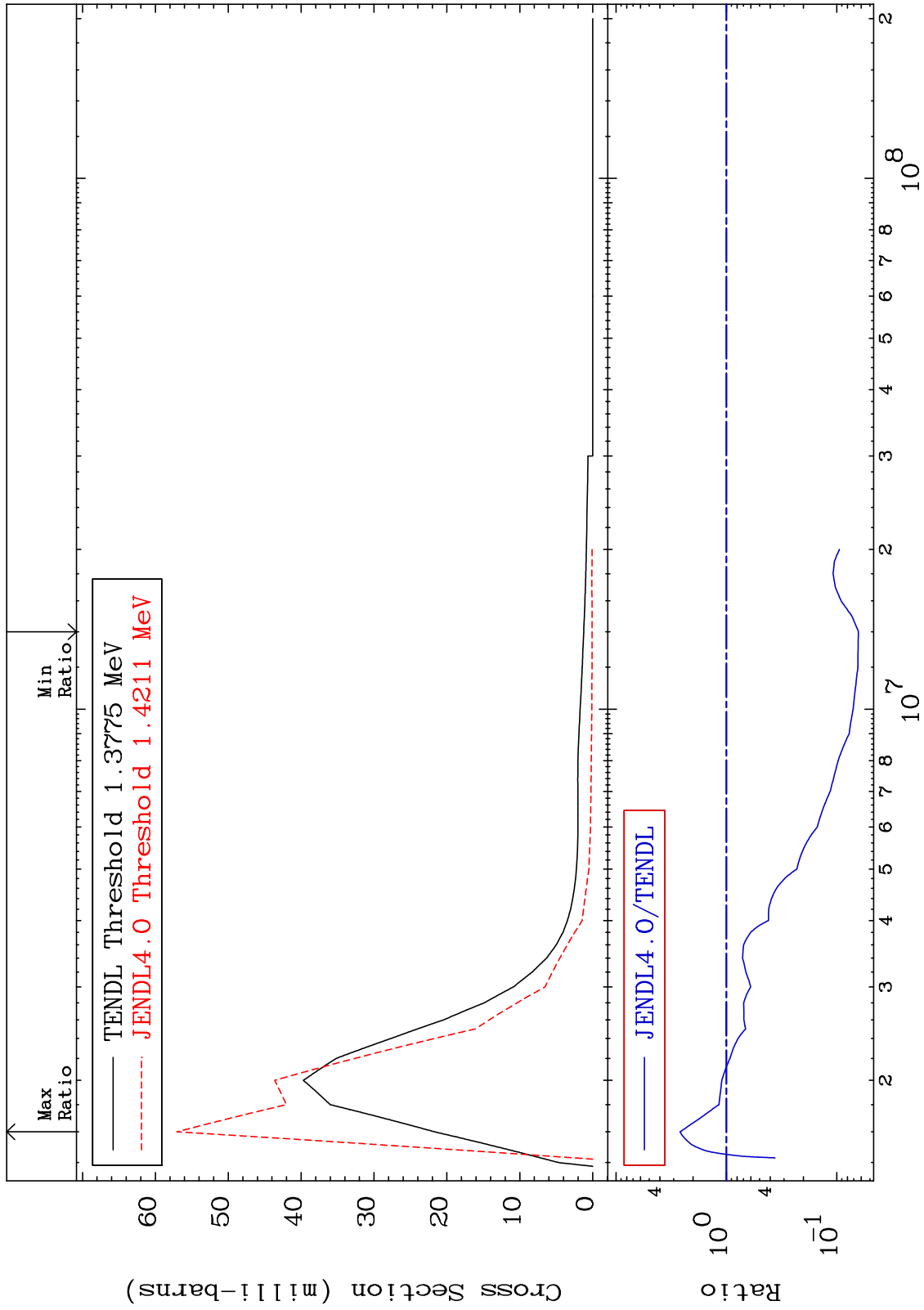
68-Er-162
-99.63 To -38.91%



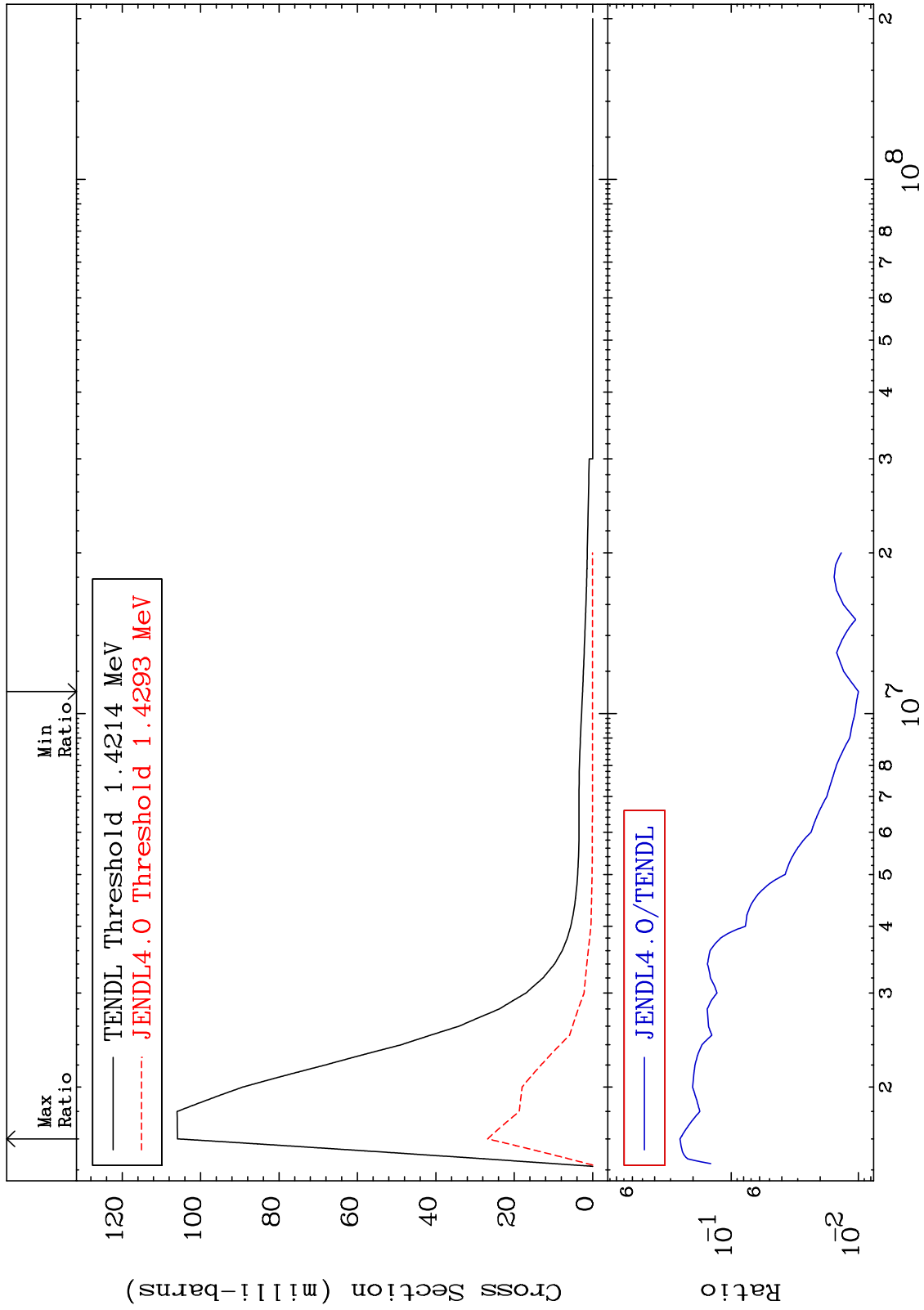
MAT 6825

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

68-Er-162
-93.64 To 162.8 %



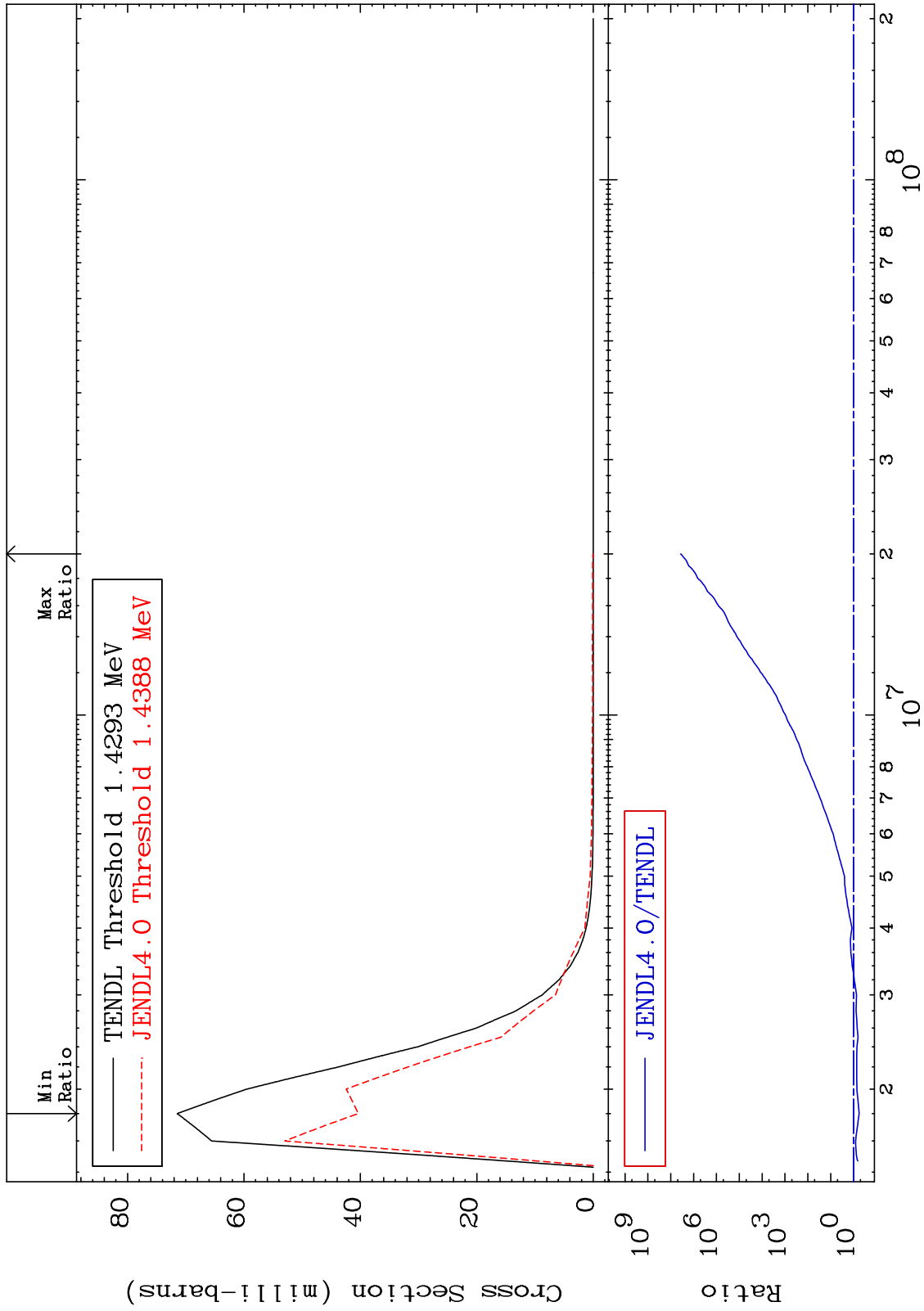
MAT 6825 MT= 64 (n,n') Level Cross Section 68-Er-162 -99.00 To -74.69%



MAT 6825

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

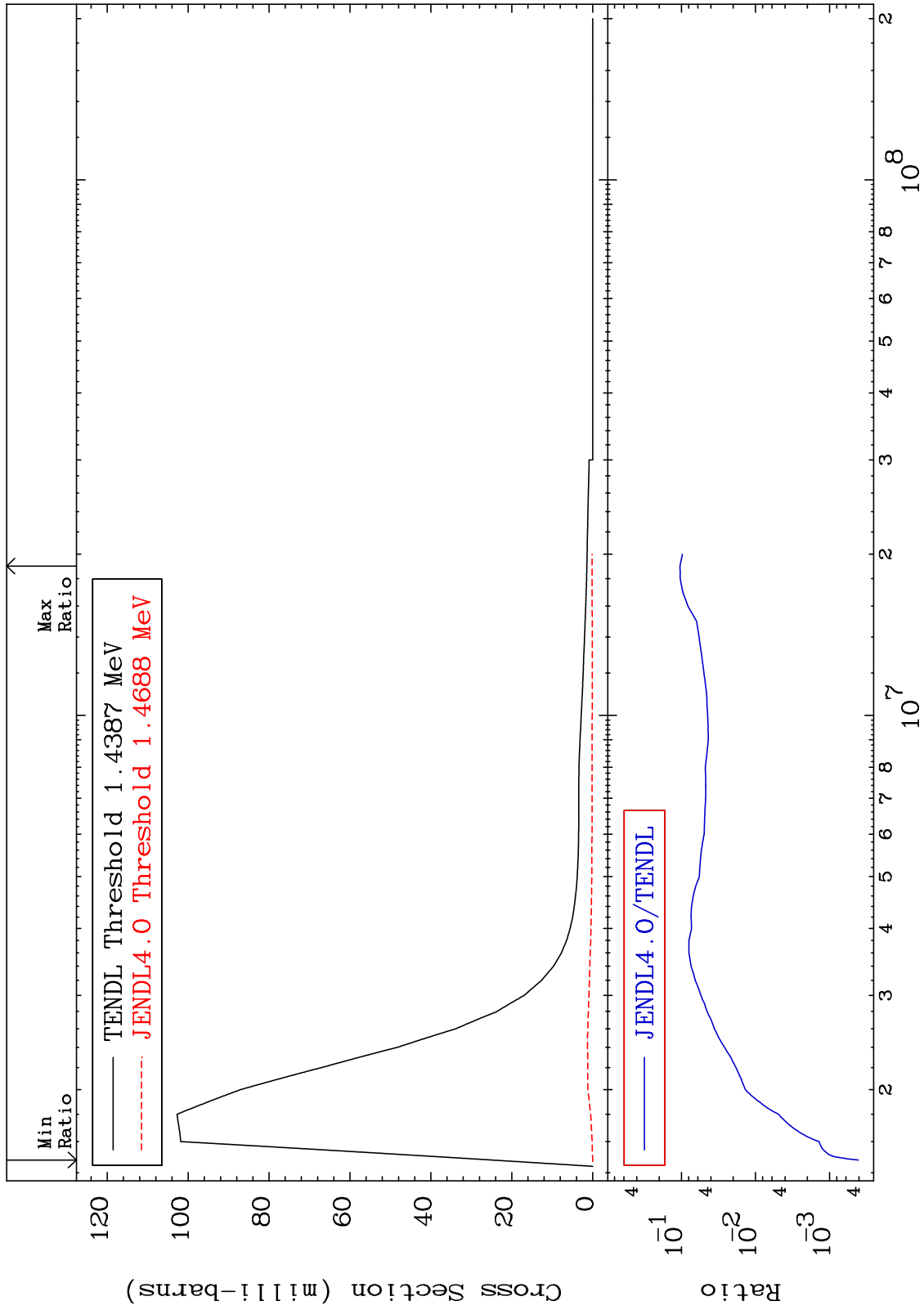
68-Er-162
-43.53 To 9999. %



MAT 6825

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

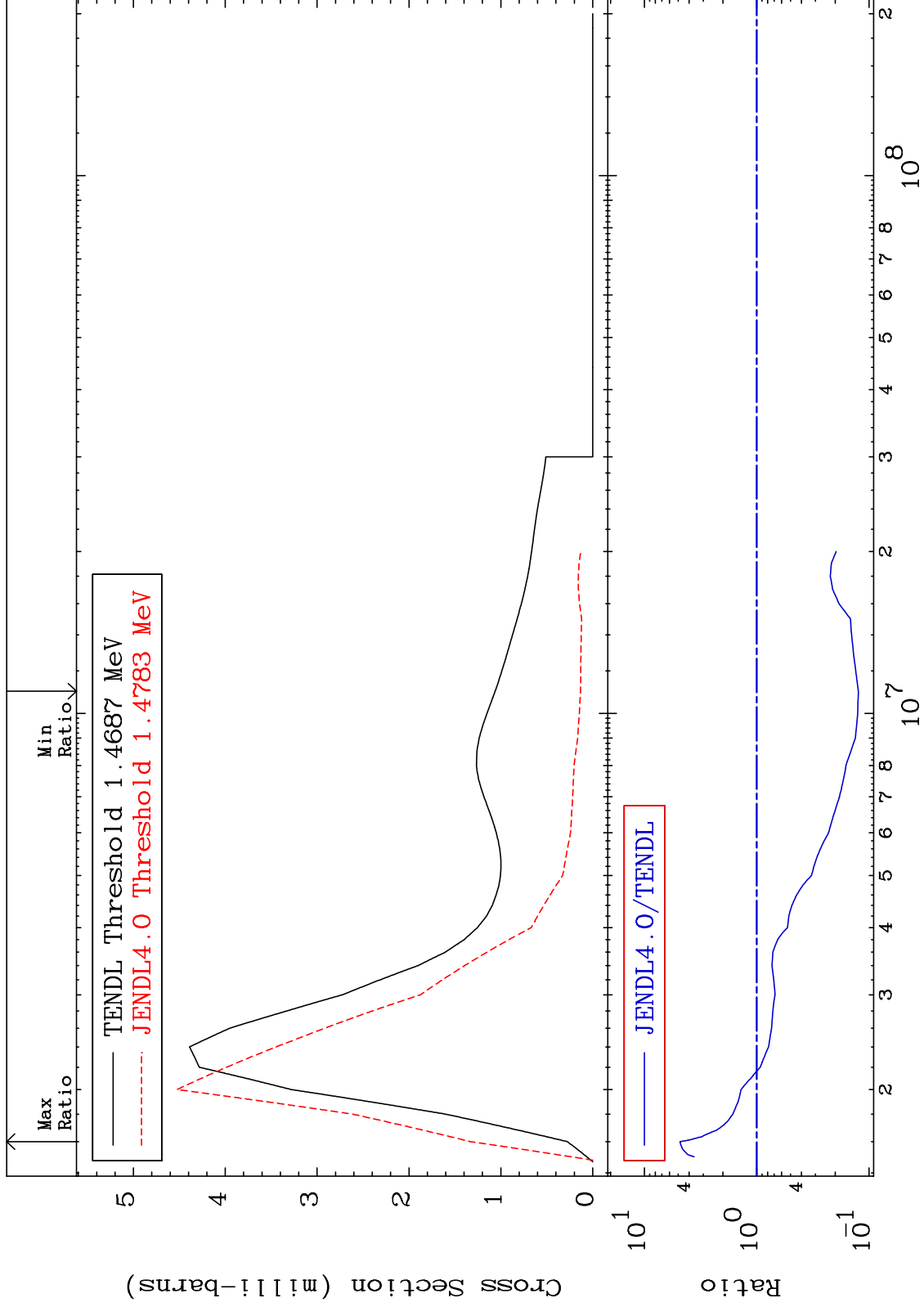
68-Er-162
-99.96 To -89.55%



MAT 6825

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

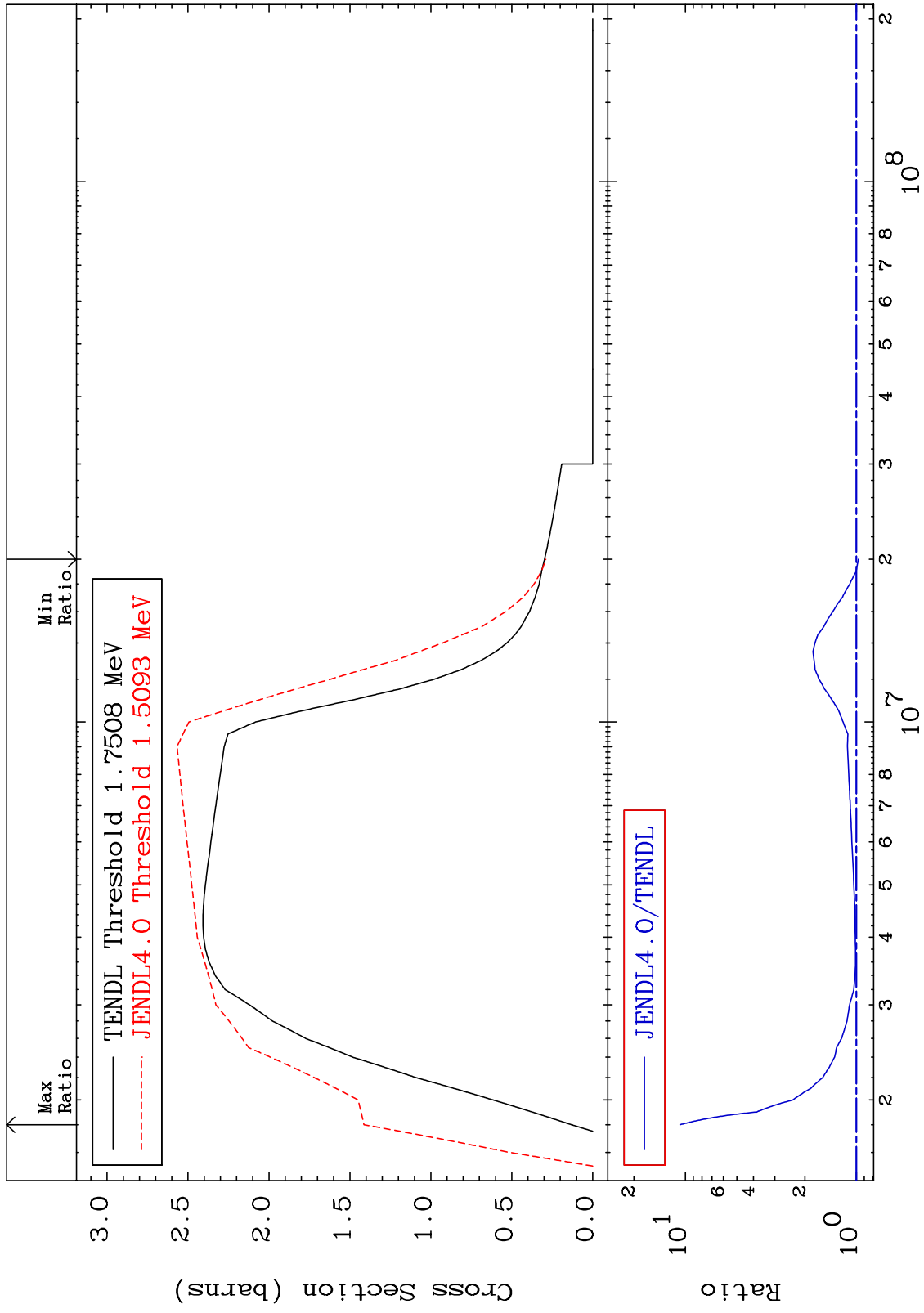
68-Er-162
-87.56 To 382.4 %



MAT 6825

(n, n') Continuum
Cross Section

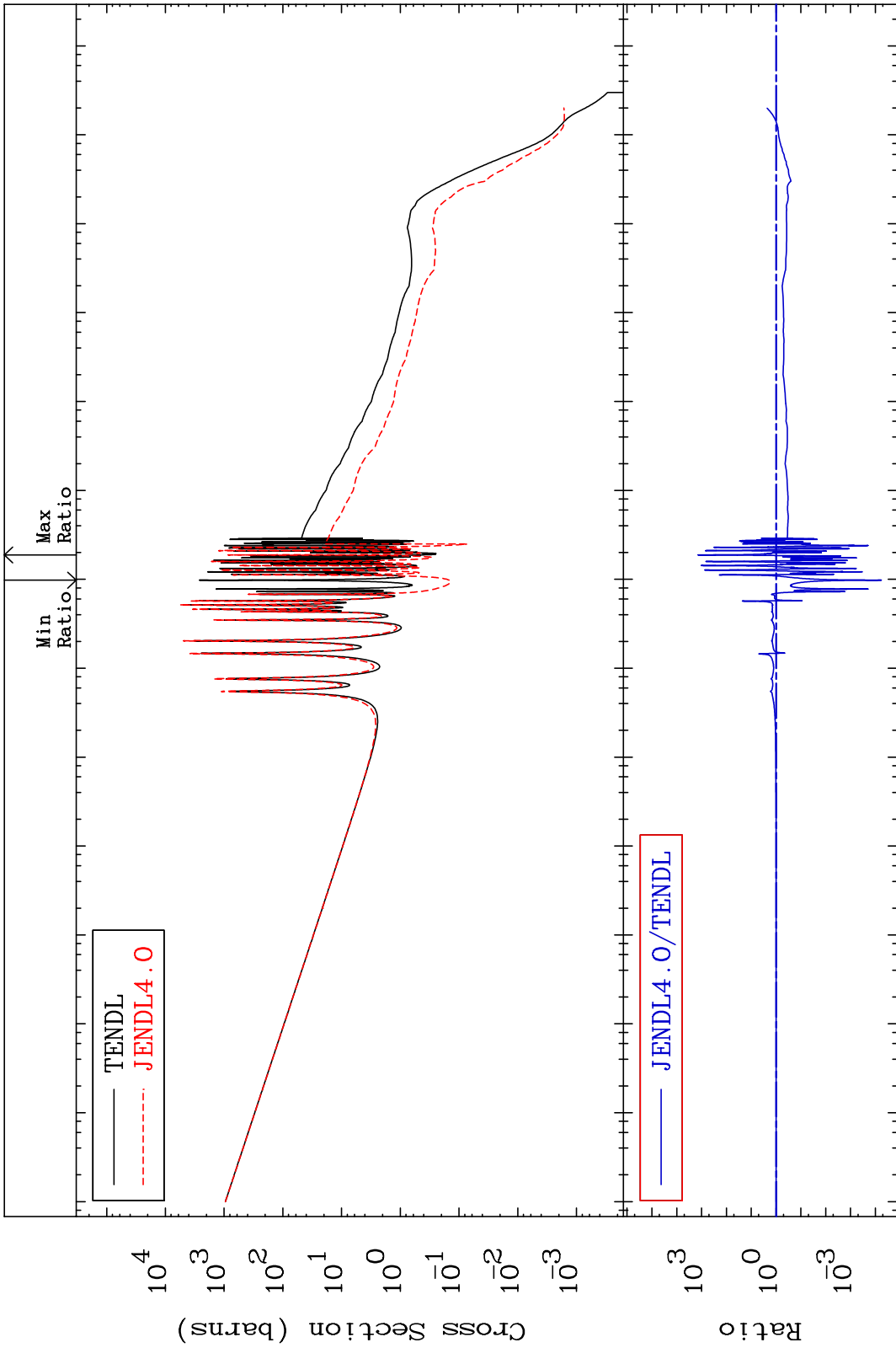
68-Er-162
-2.620 To 976.2 %



MAT 6825

(n, γ)
Cross Section

68-Er-162
-99.99 To 9999. %



— TENDL
- - - JENDL4.0

— JENDL4.0/TENDL

Incident Energy (eV)

26

68-Er-162

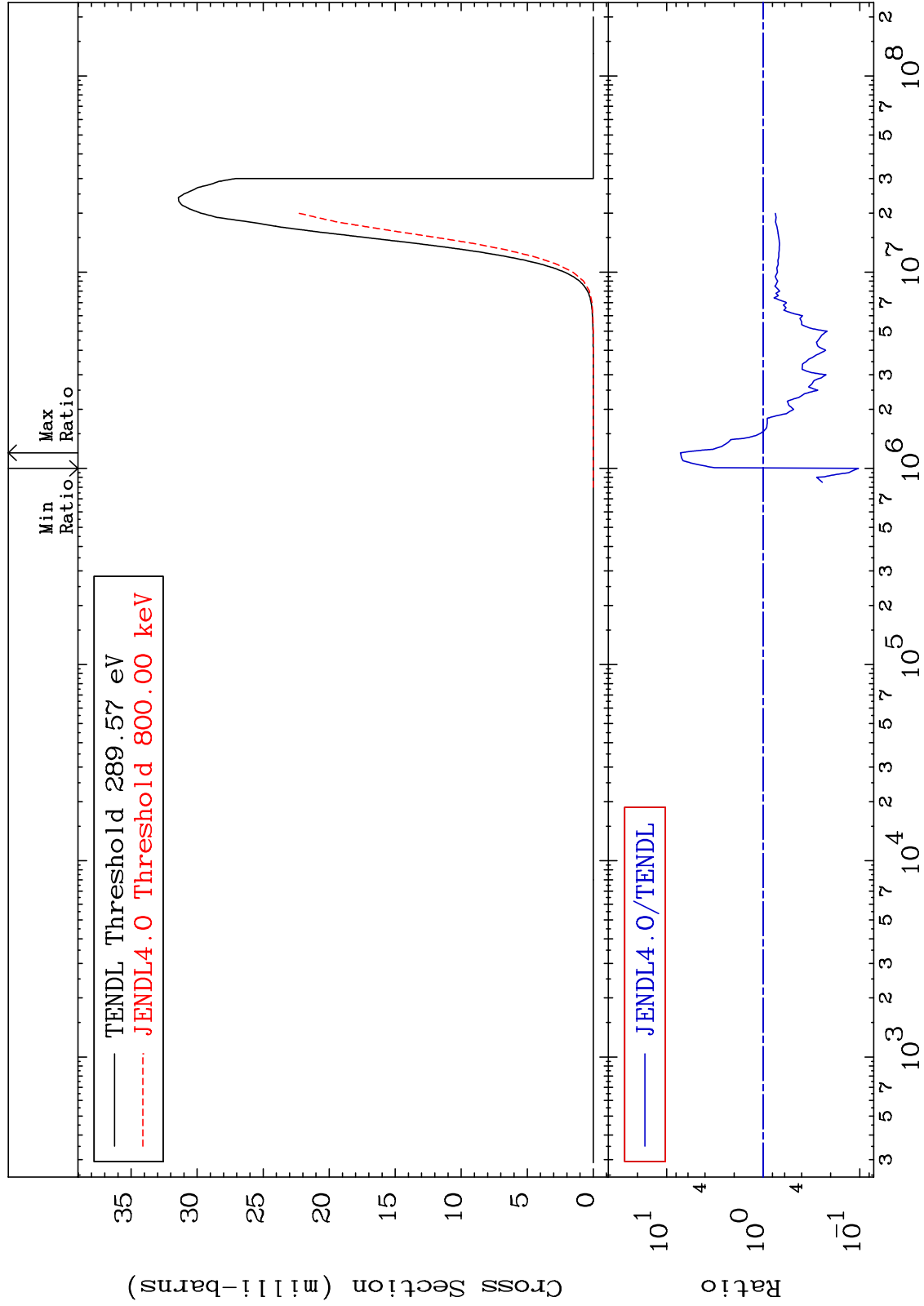
MAT 6825

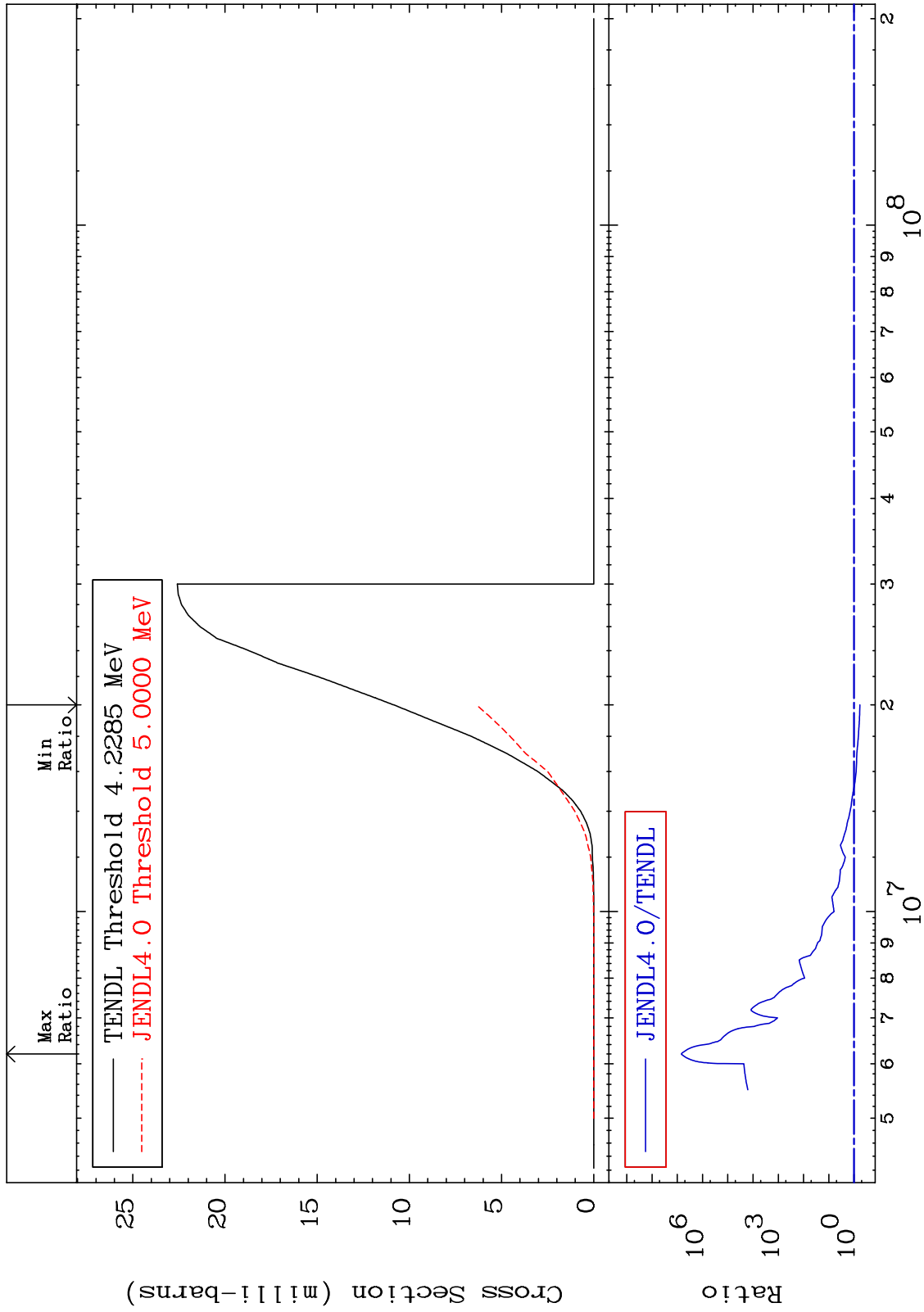
(n,p)

68-Er-162

Cross Section

-89.69 To 618.2 %





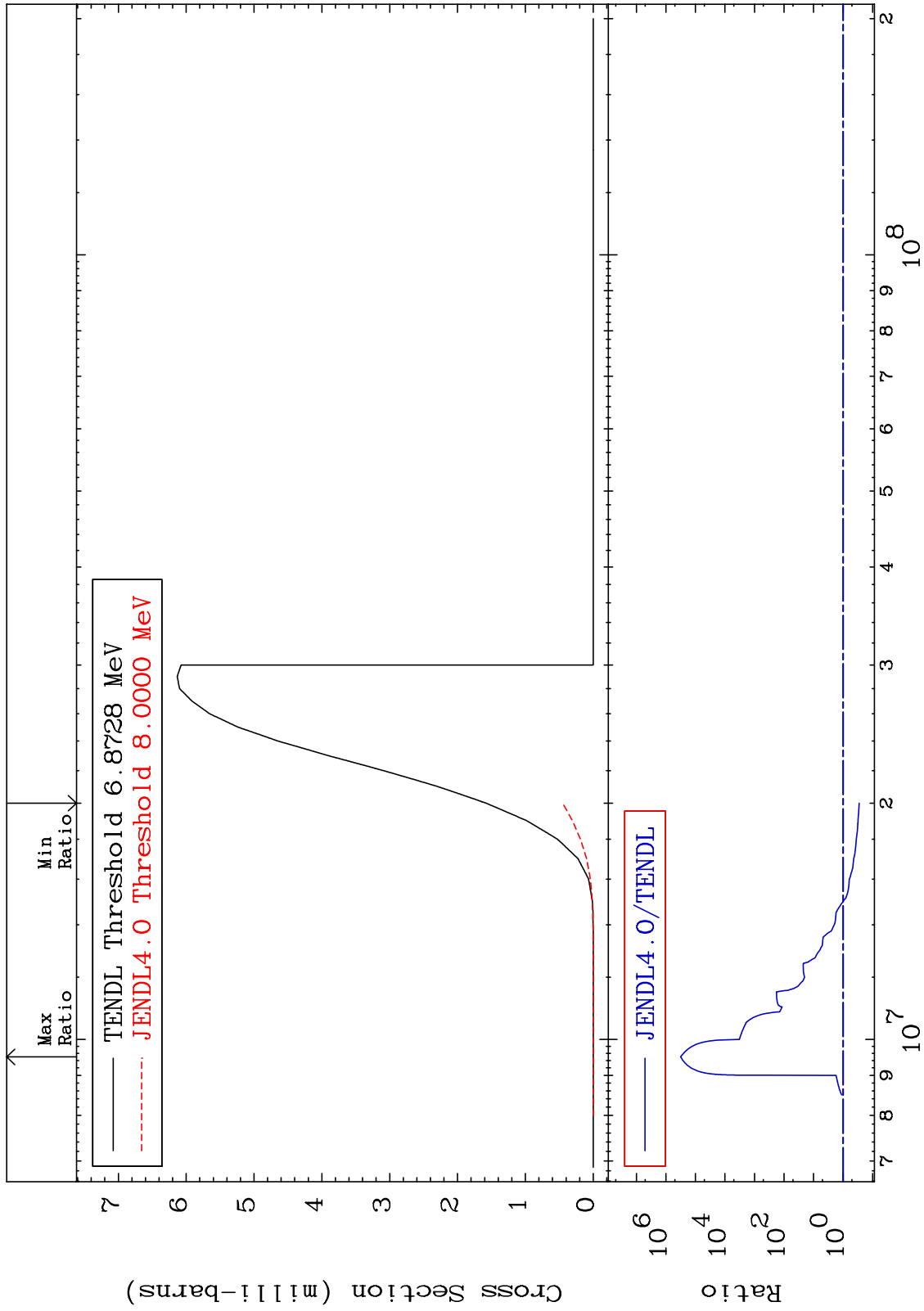
MAT 6825

(n, t)

68-Er-162

Cross Section

-71.47 To 9999. %



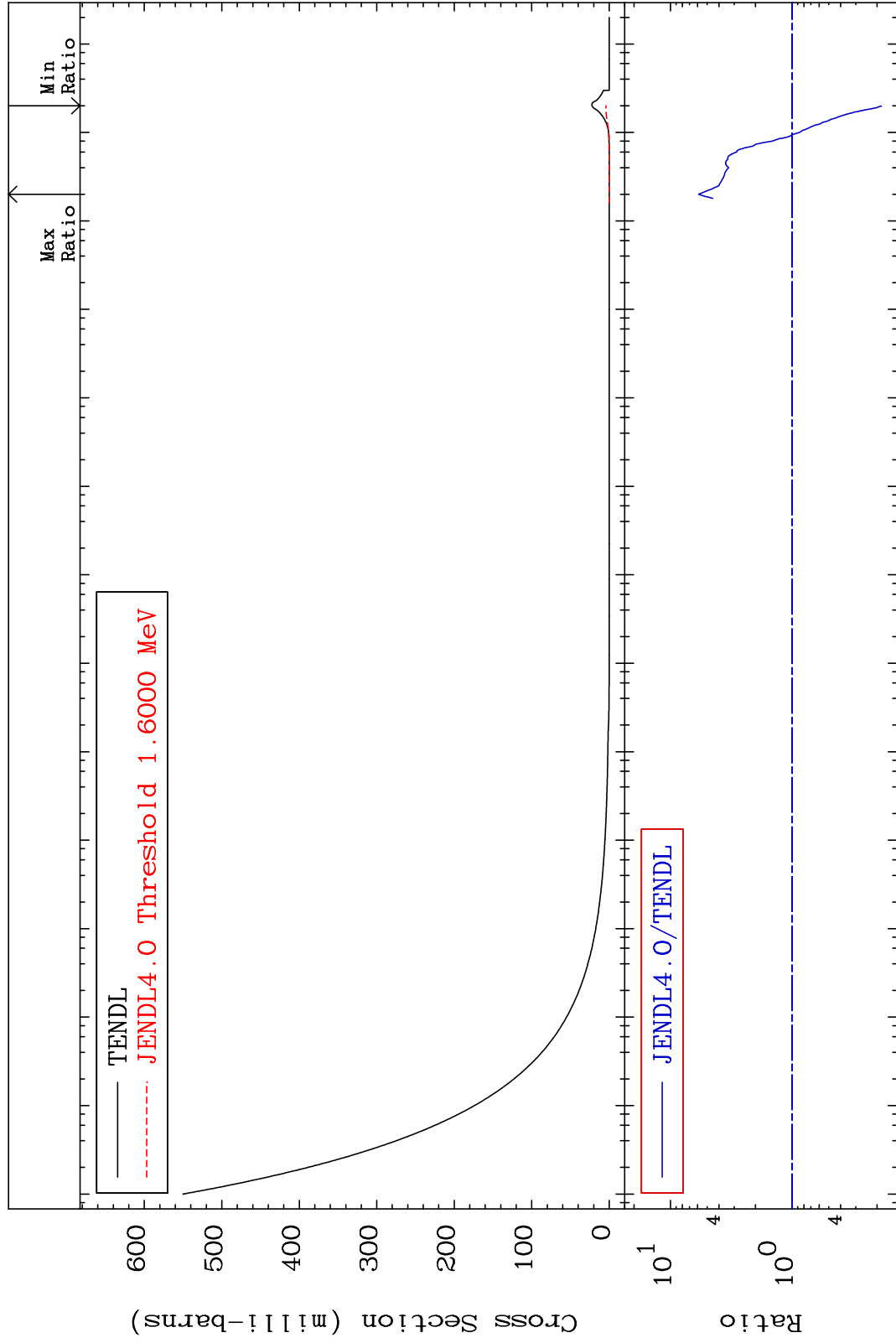
MAT 6825

(n, α)

68-Er-162

Cross Section

-81.62 To 486.6 %



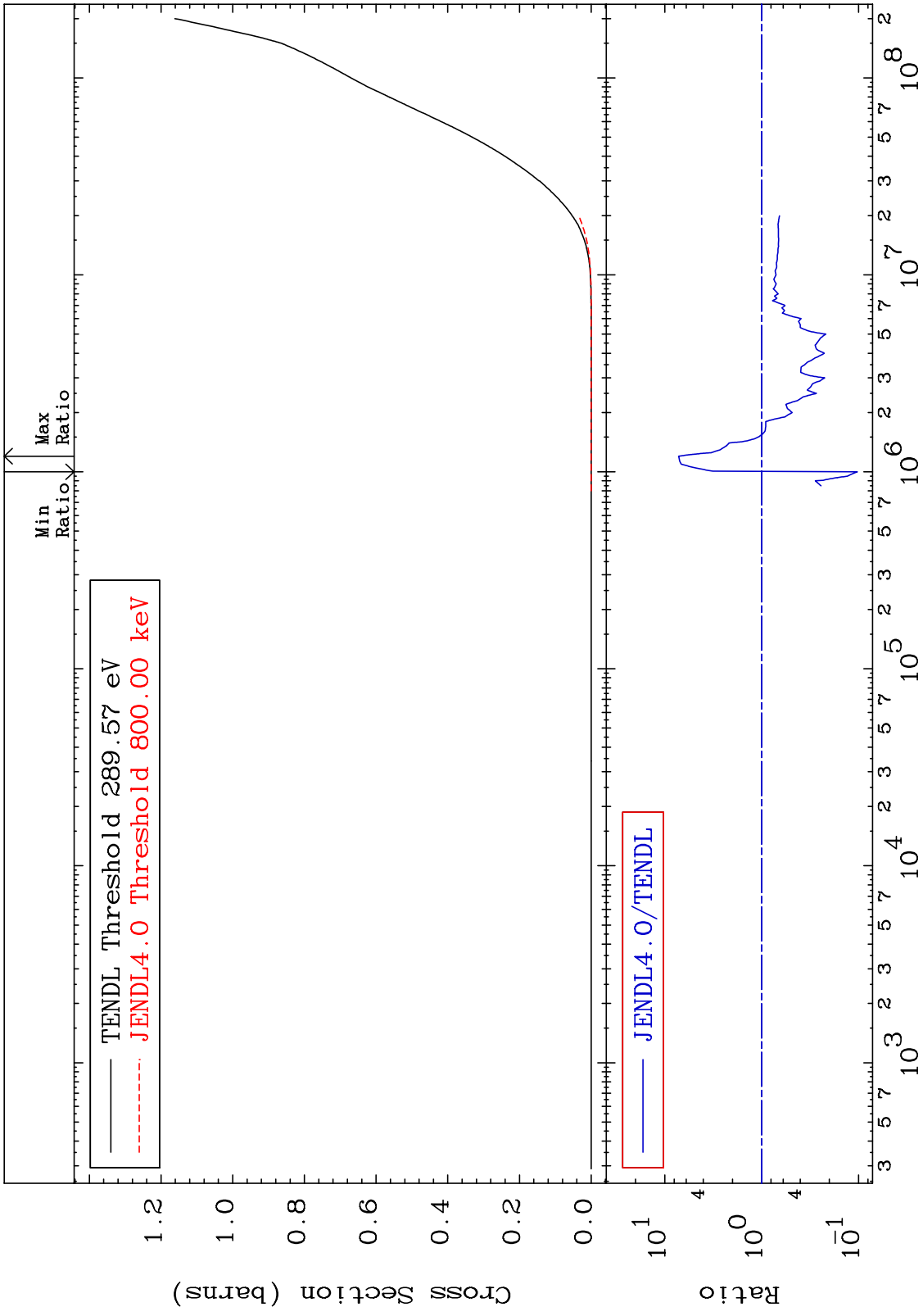
— TENDL
- - - JENDL4.0 Threshold 1.6000 MeV

— JENDL4.0/TENDL

Incident Energy (eV)

30

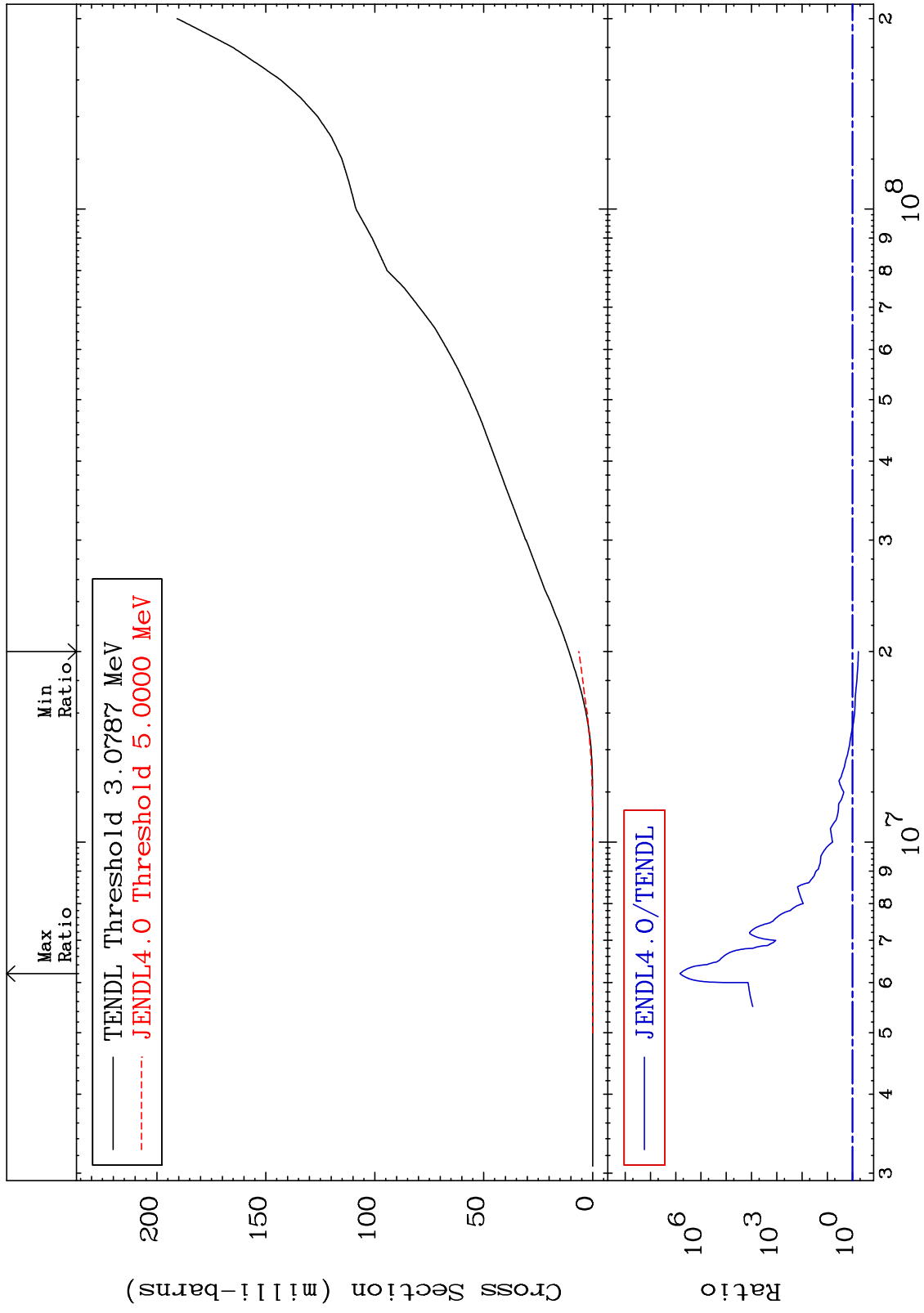
68-Er-162



MAT 6825

Deuterium Production
Cross Section

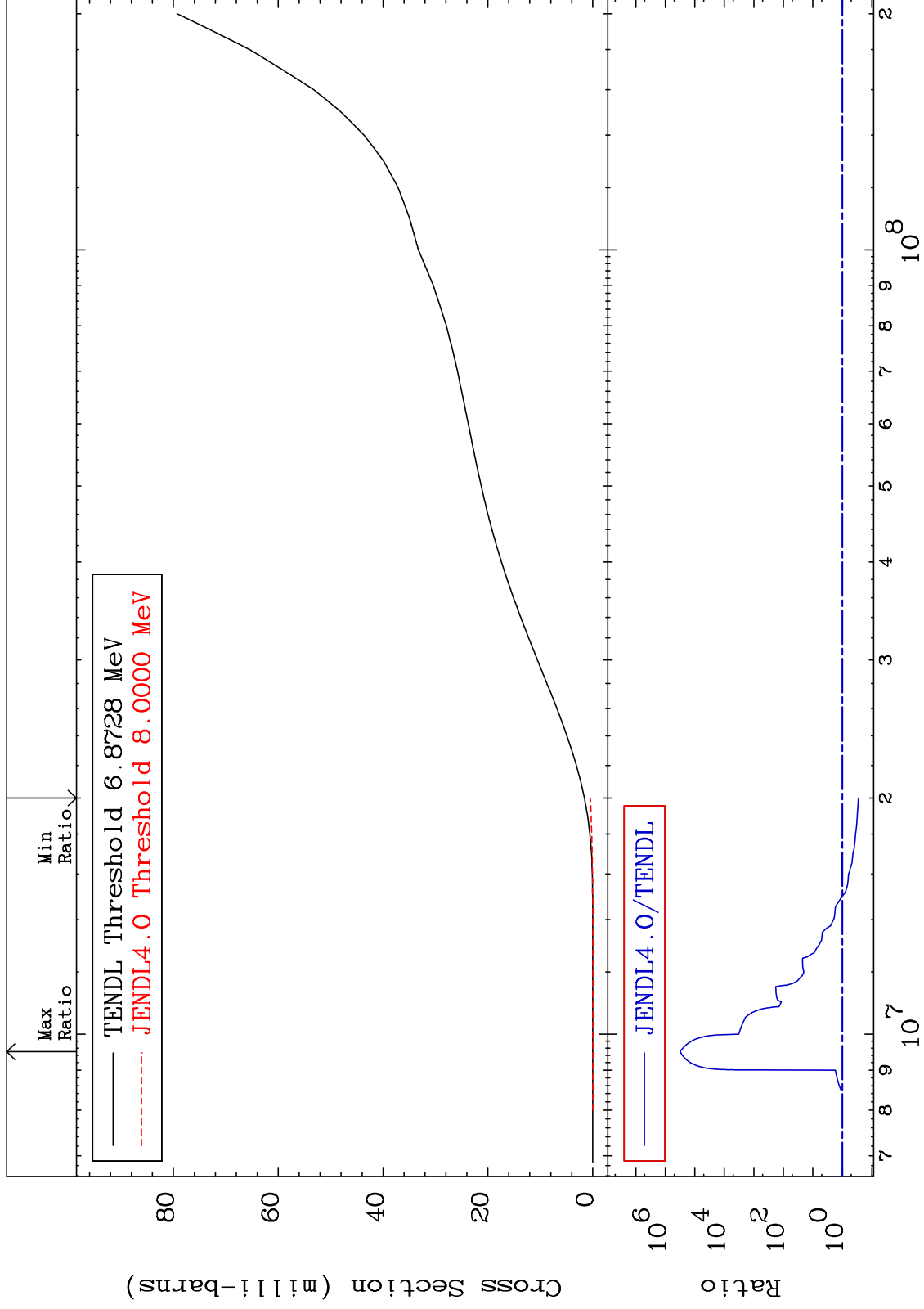
68-Er-162
-41.38 To 9999. %



MAT 6825

Tritium Production
Cross Section

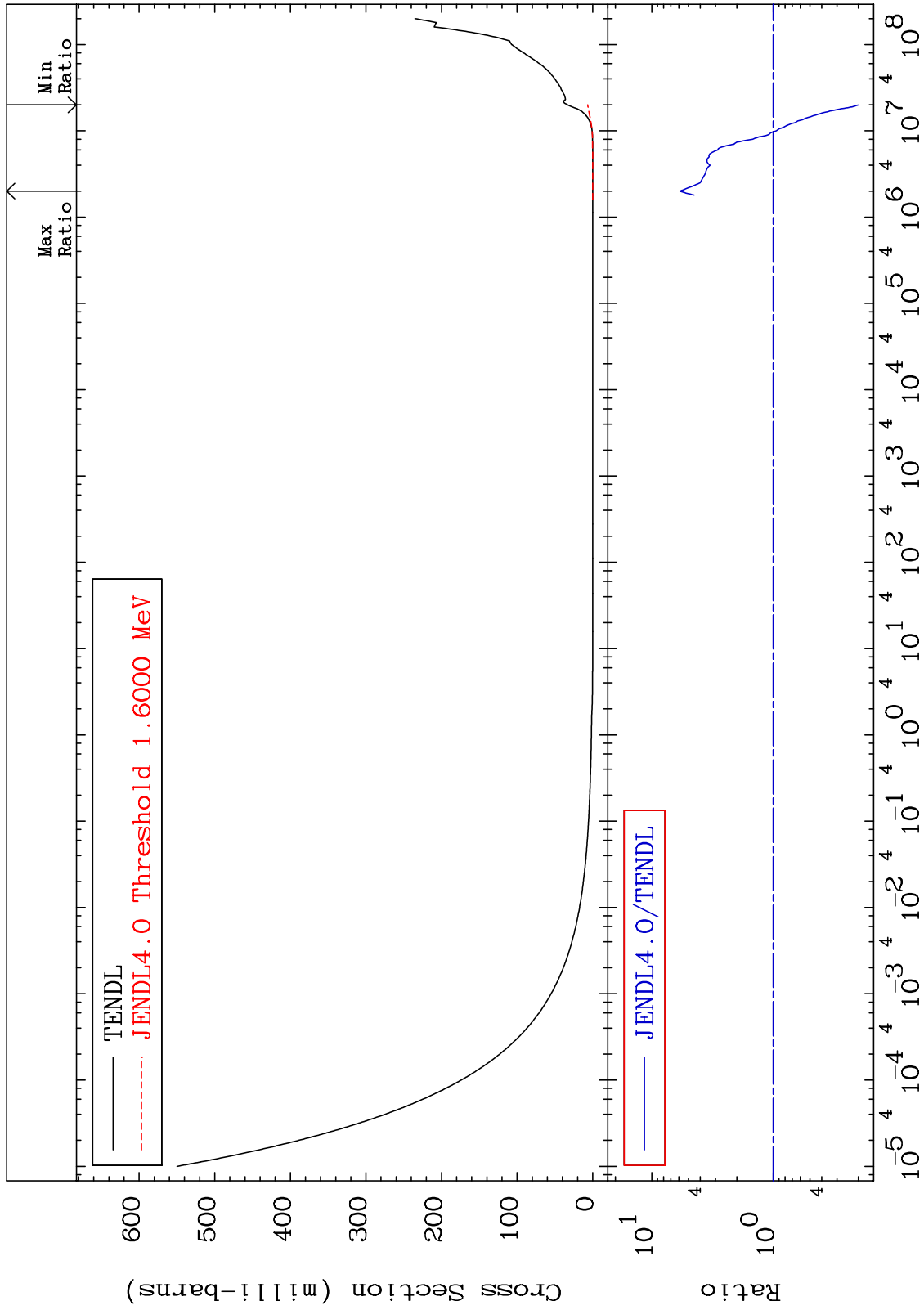
68-Er-162
-71.47 To 9999. %



MAT 6825

He-4 Production
Cross Section

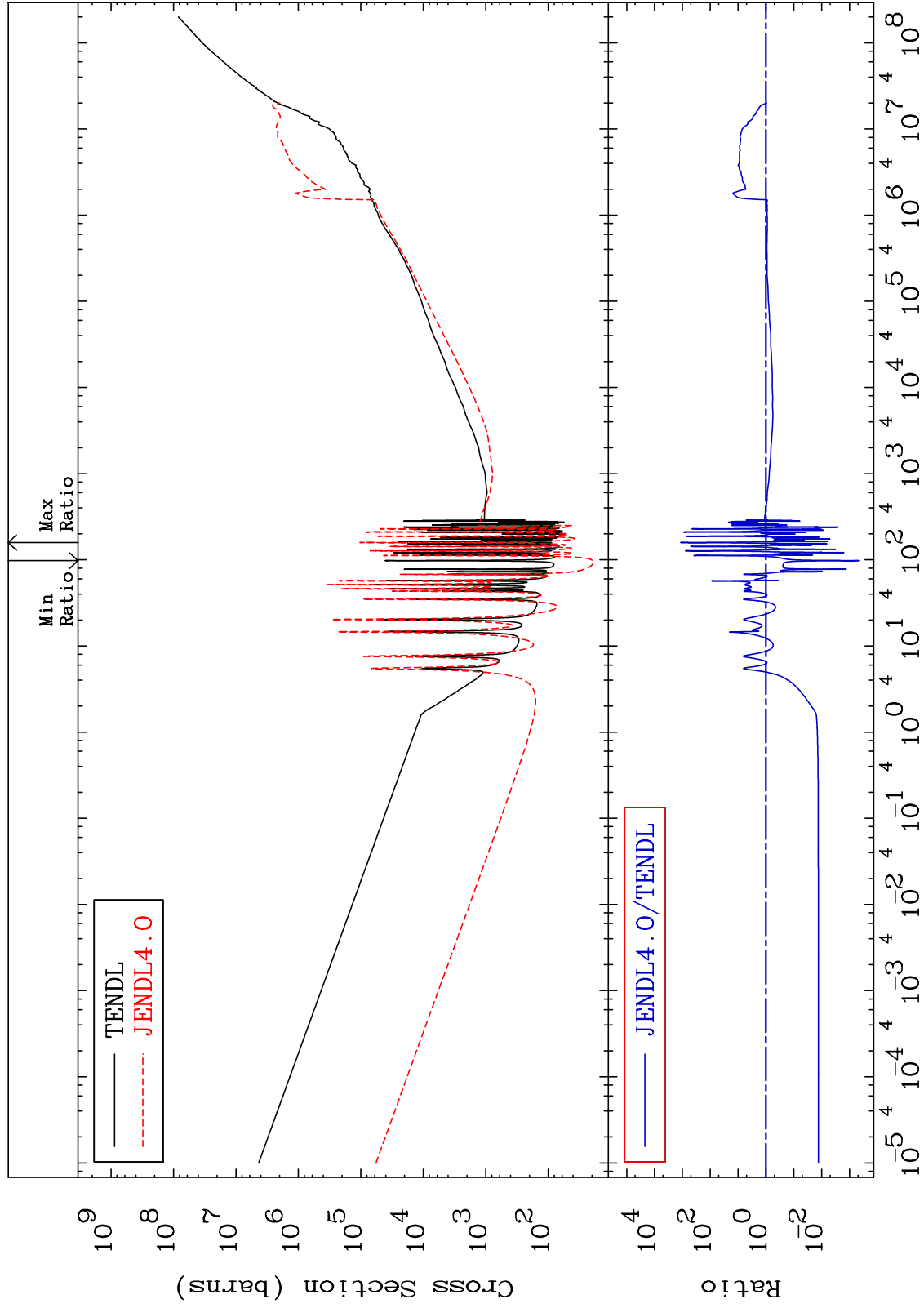
68-Er-162
-80.05 To 486.6 %



MAT 6825

Kerma total (eV-barns)
Cross Section

68-Er-162
-99.95 To 9999. %



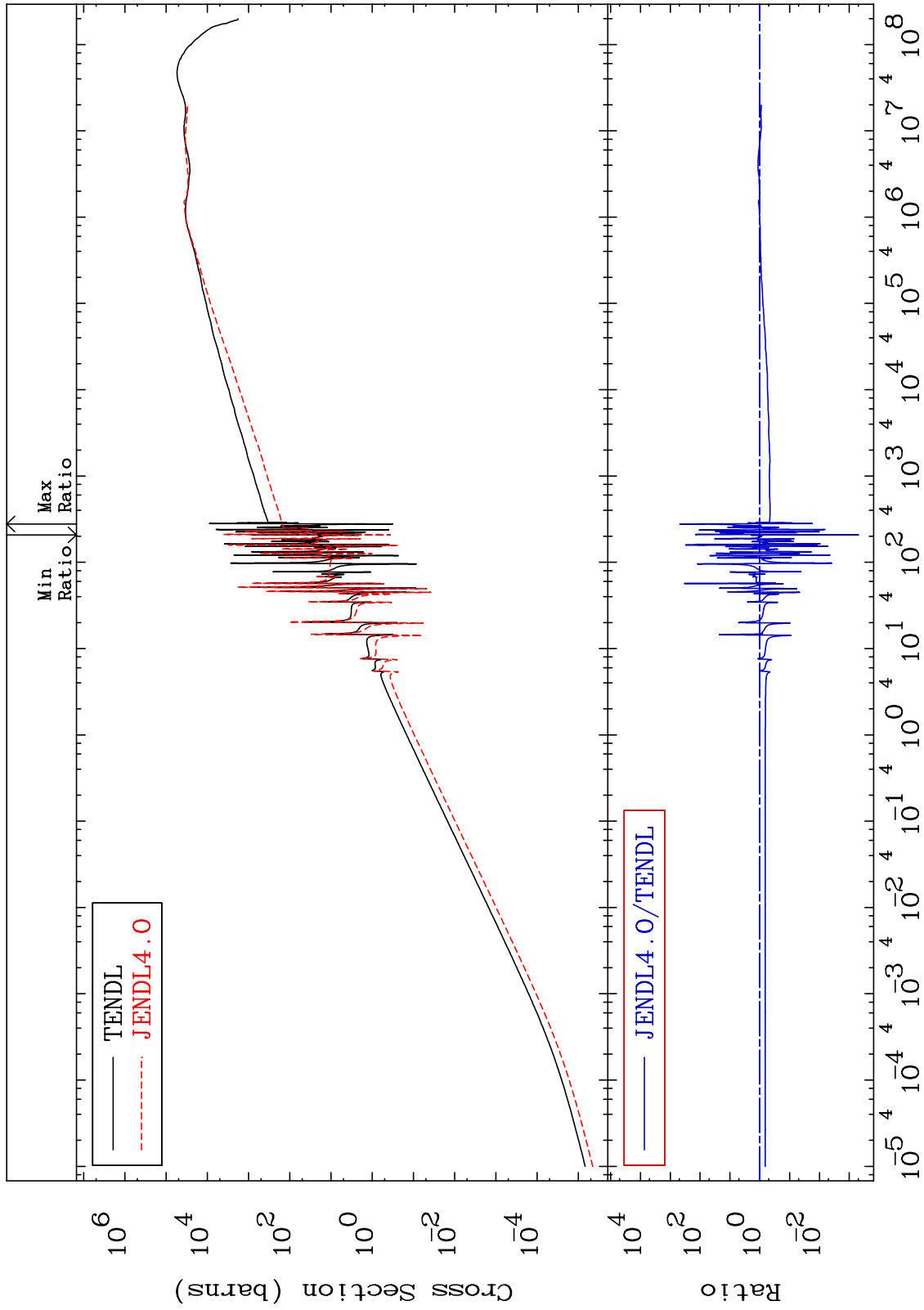
35

68-Er-162

MAT 6825

Kerma elastic
Cross Section

68-Er-162
-99.95 To 9999. %



36

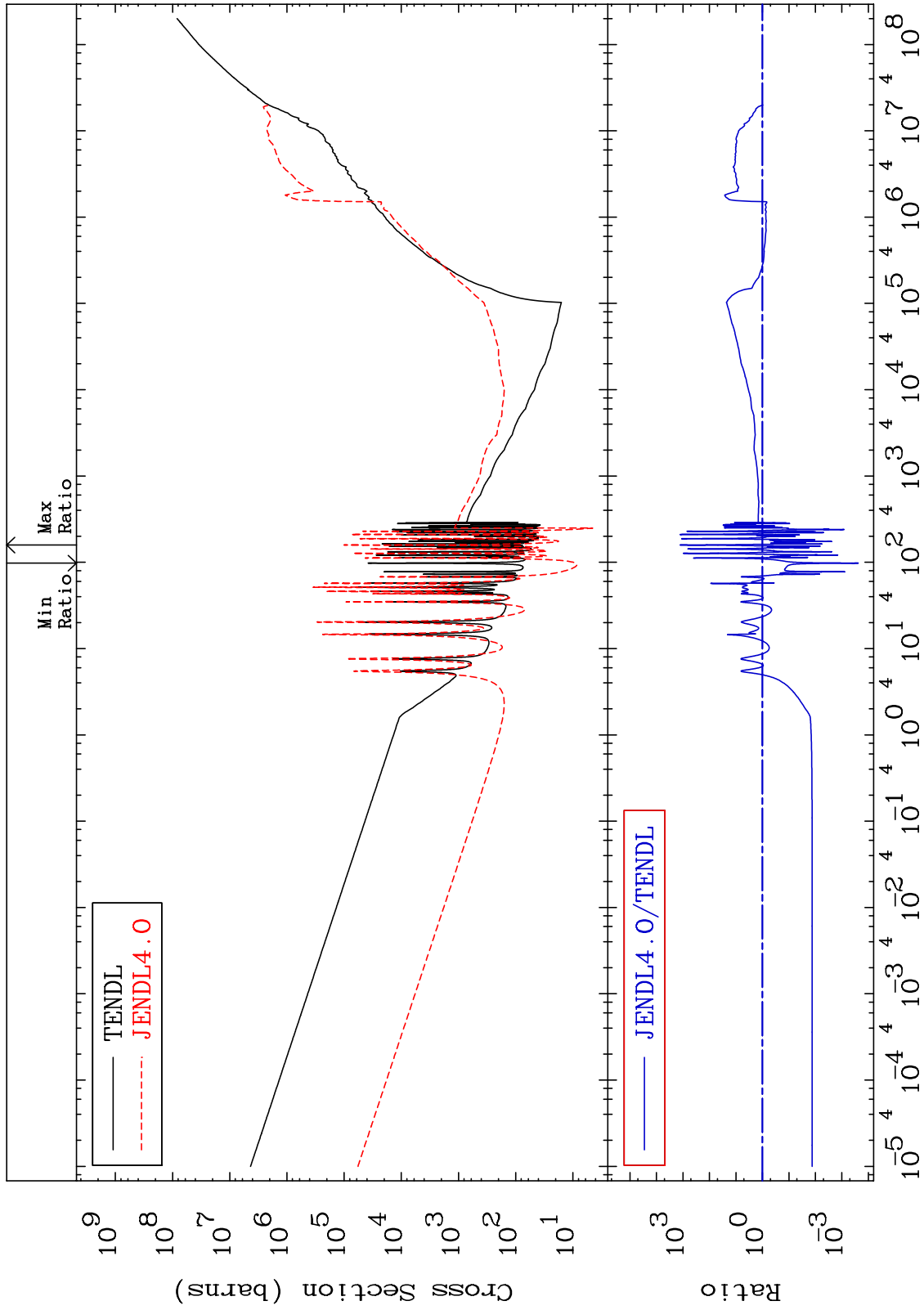
Incident Energy (eV)

68-Er-162

MAT 6825

Kerma non-elastic (all but mt2)
Cross Section

68-Er-162
-99.98 To 9999. %



37

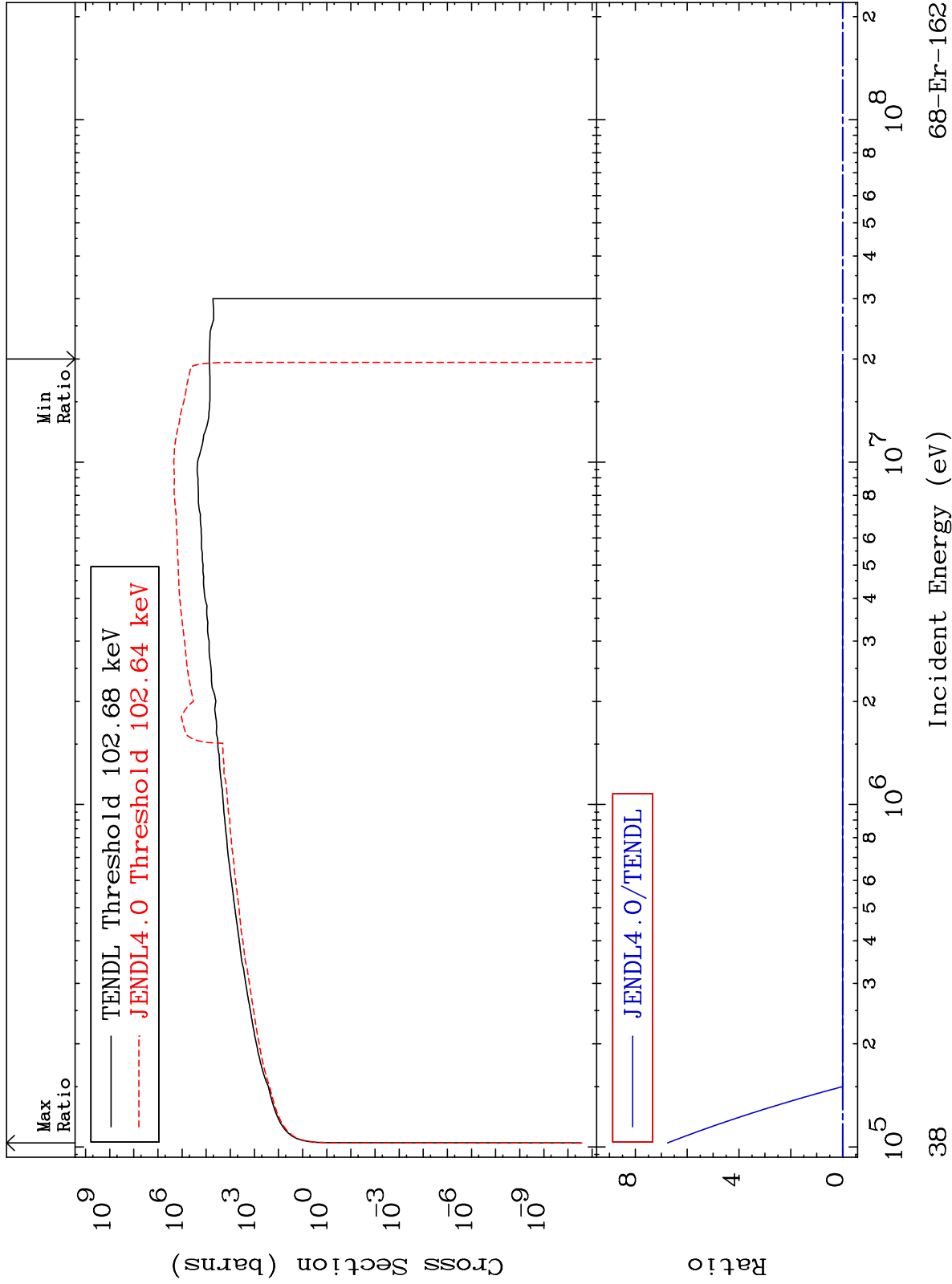
Incident Energy (eV)

68-Er-162

MAT 6825

Kerma inelastic (mt51-91)
Cross Section

68-Er-162
-562.4 To 9999. %



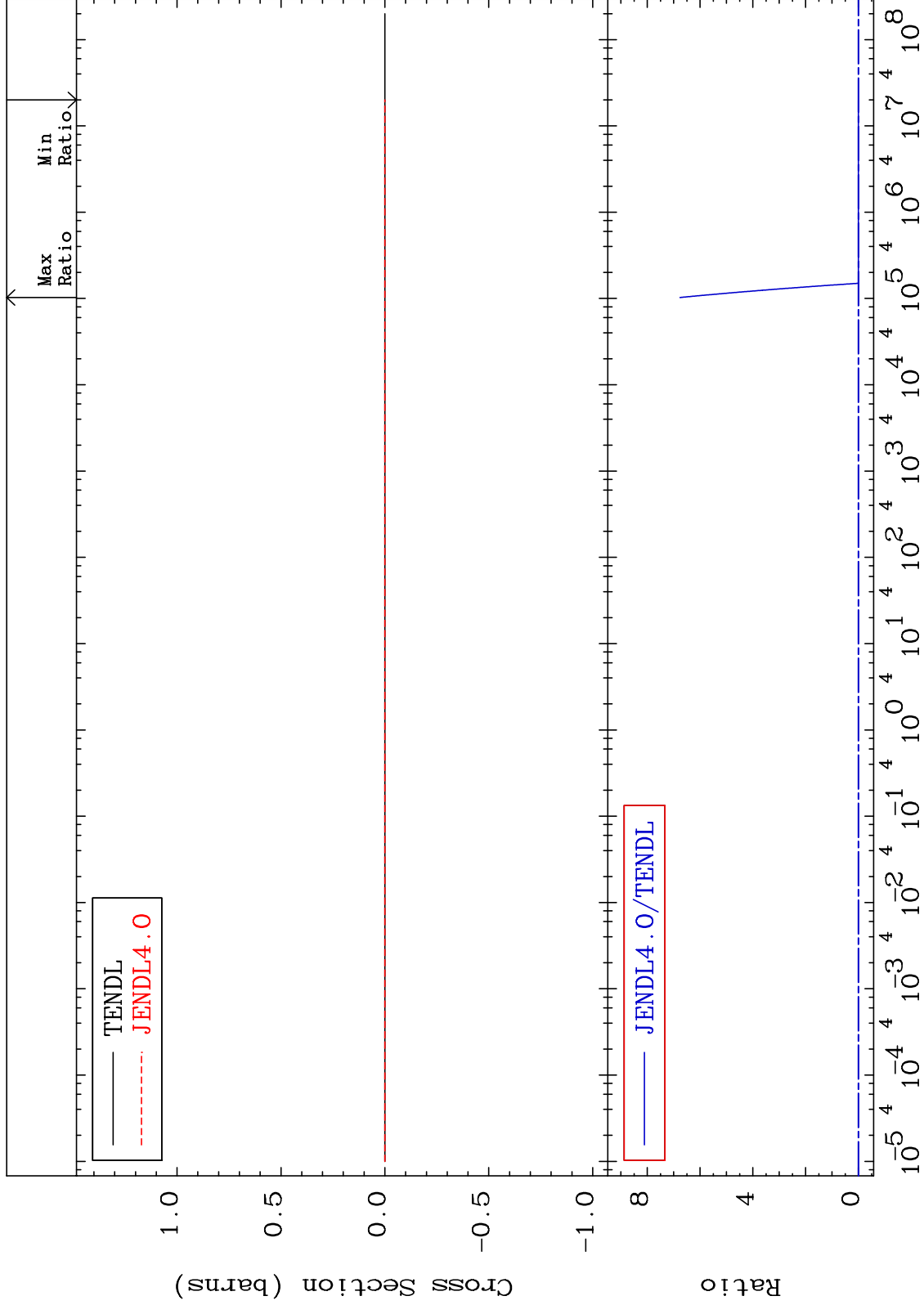
38

68-Er-162

MAT 6825

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

68-Er-162
-562.4 To 9999. %



39

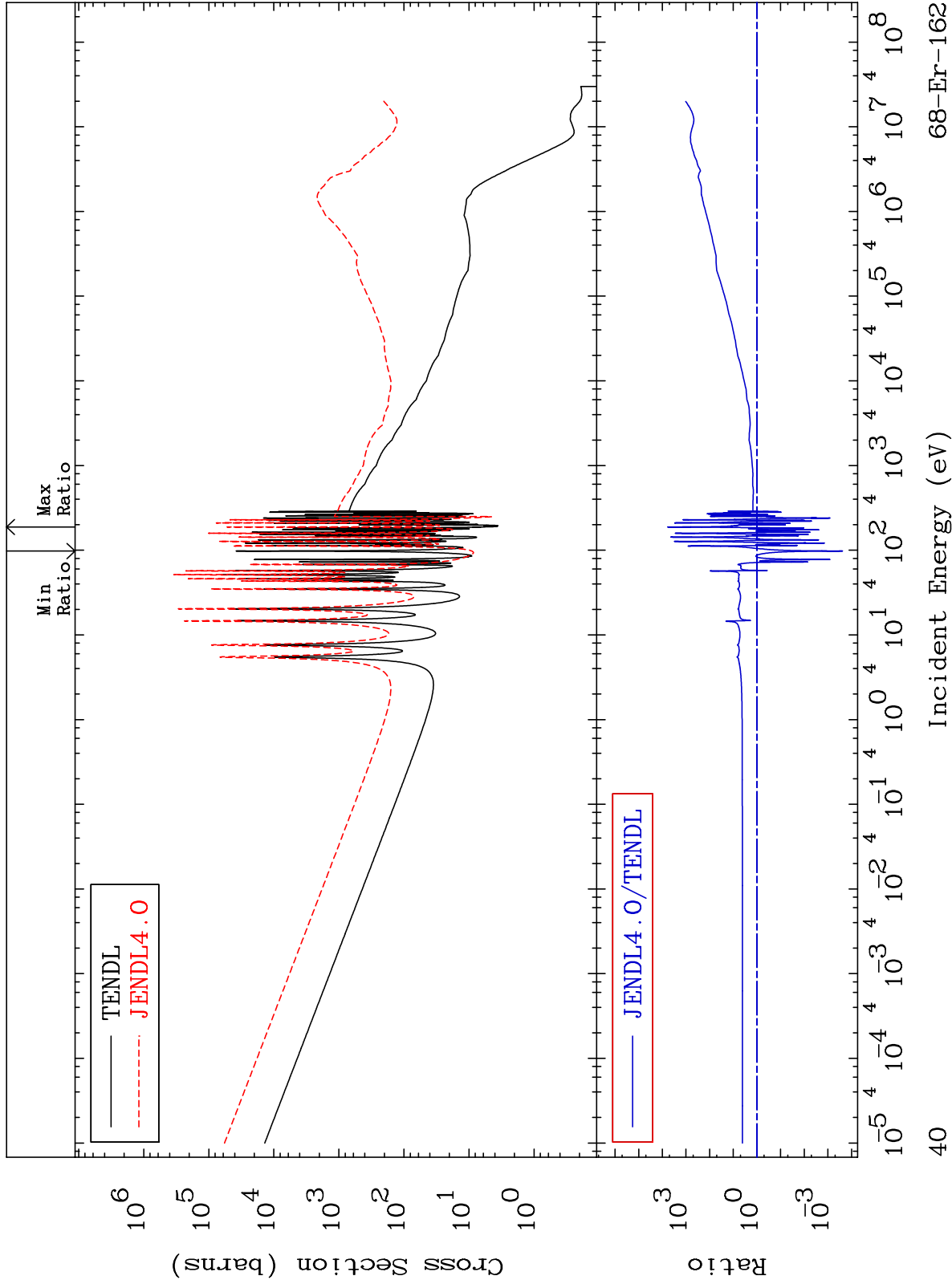
Incident Energy (eV)

68-Er-162

MAT 6825

Kerma capture (mt102)
Cross Section

68-Er-162
-99.98 To 9999. %



40

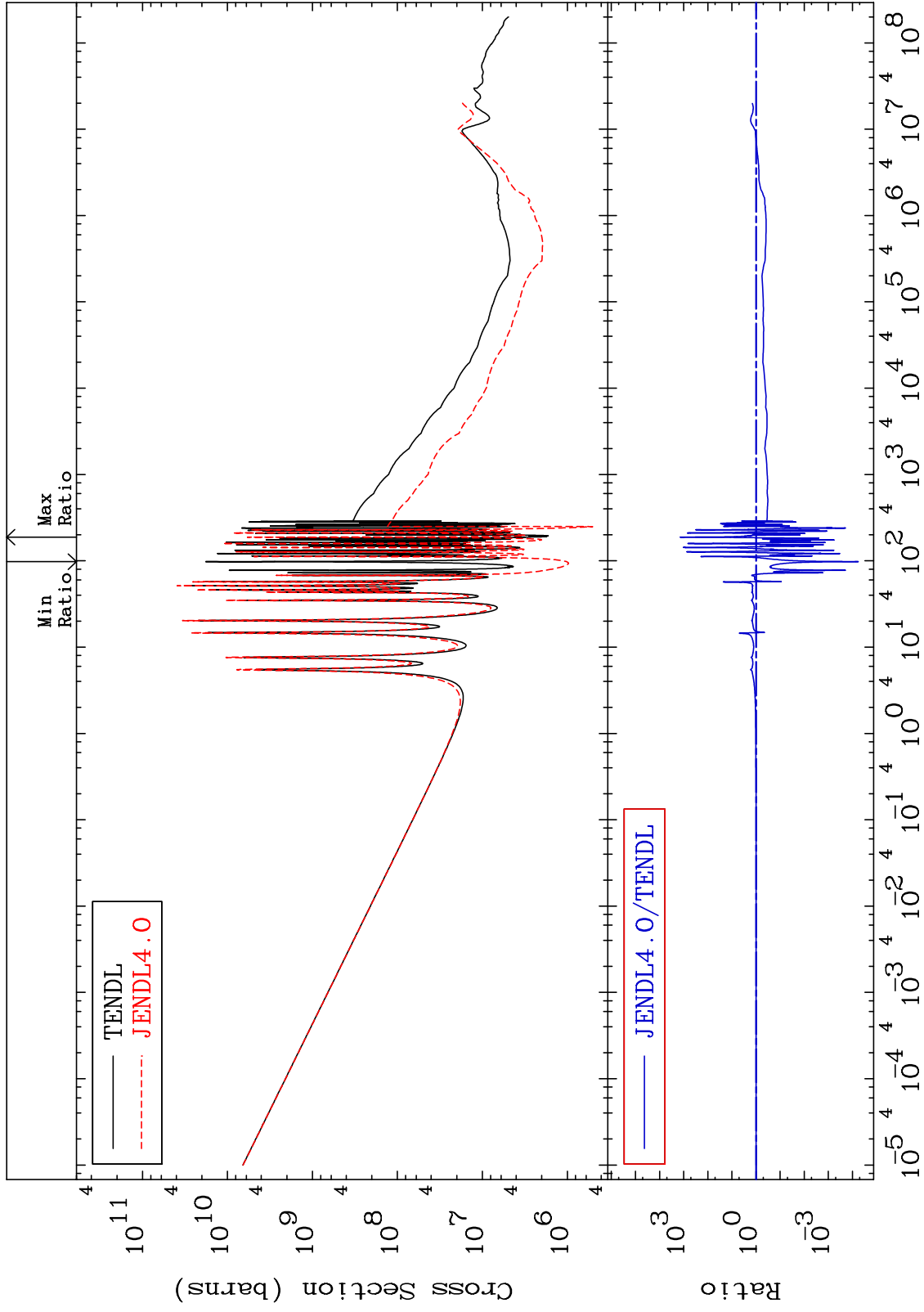
Incident Energy (eV)

68-Er-162

MAT 6825

Total photon (eV-barns)
Cross Section

68-Er-162
-99.99 To 9999. %



41

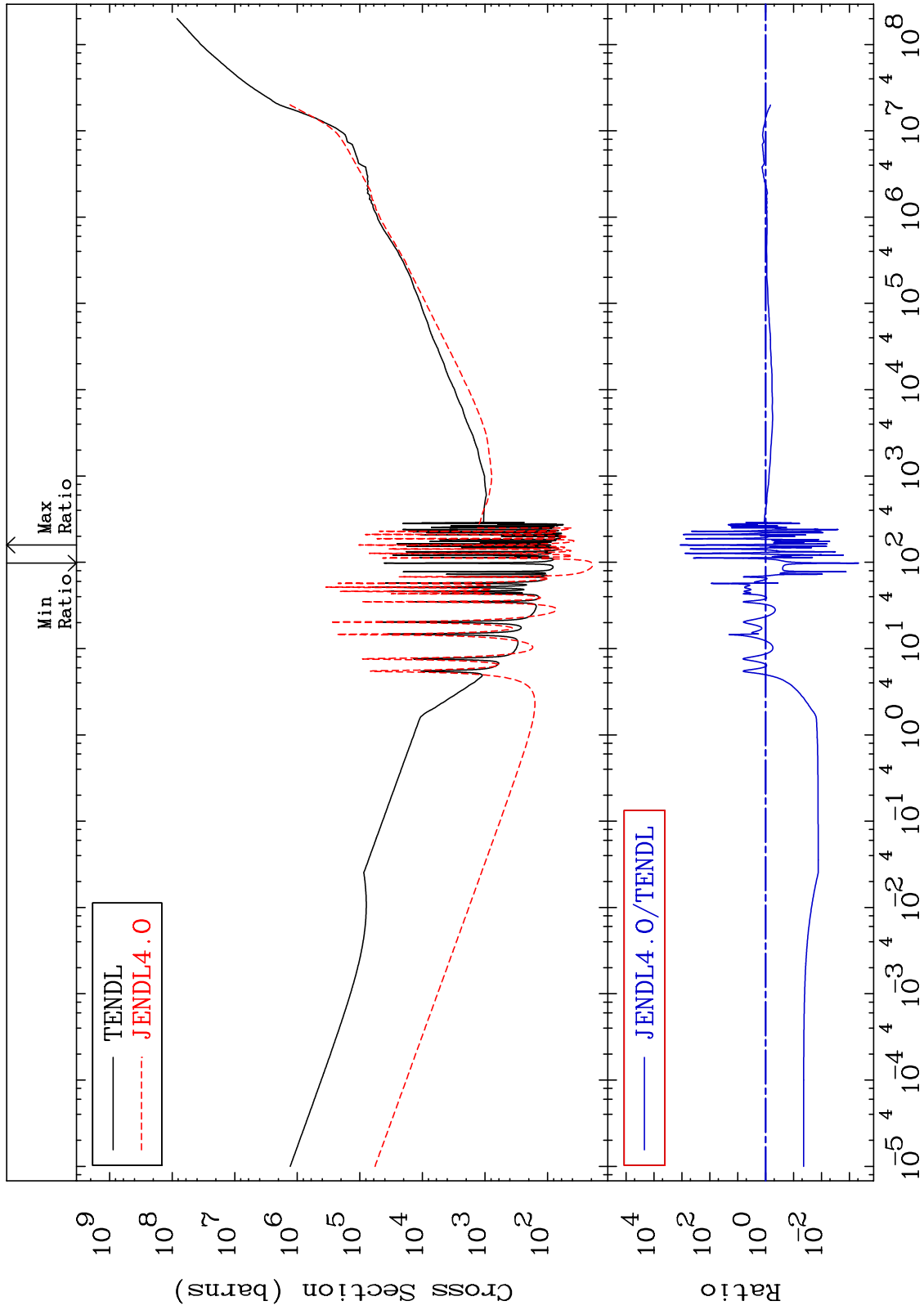
Incident Energy (eV)

68-Er-162

MAT 6825

Total kinematic kerma (high limit)
Cross Section

68-Er-162
-99.95 To 9999. %



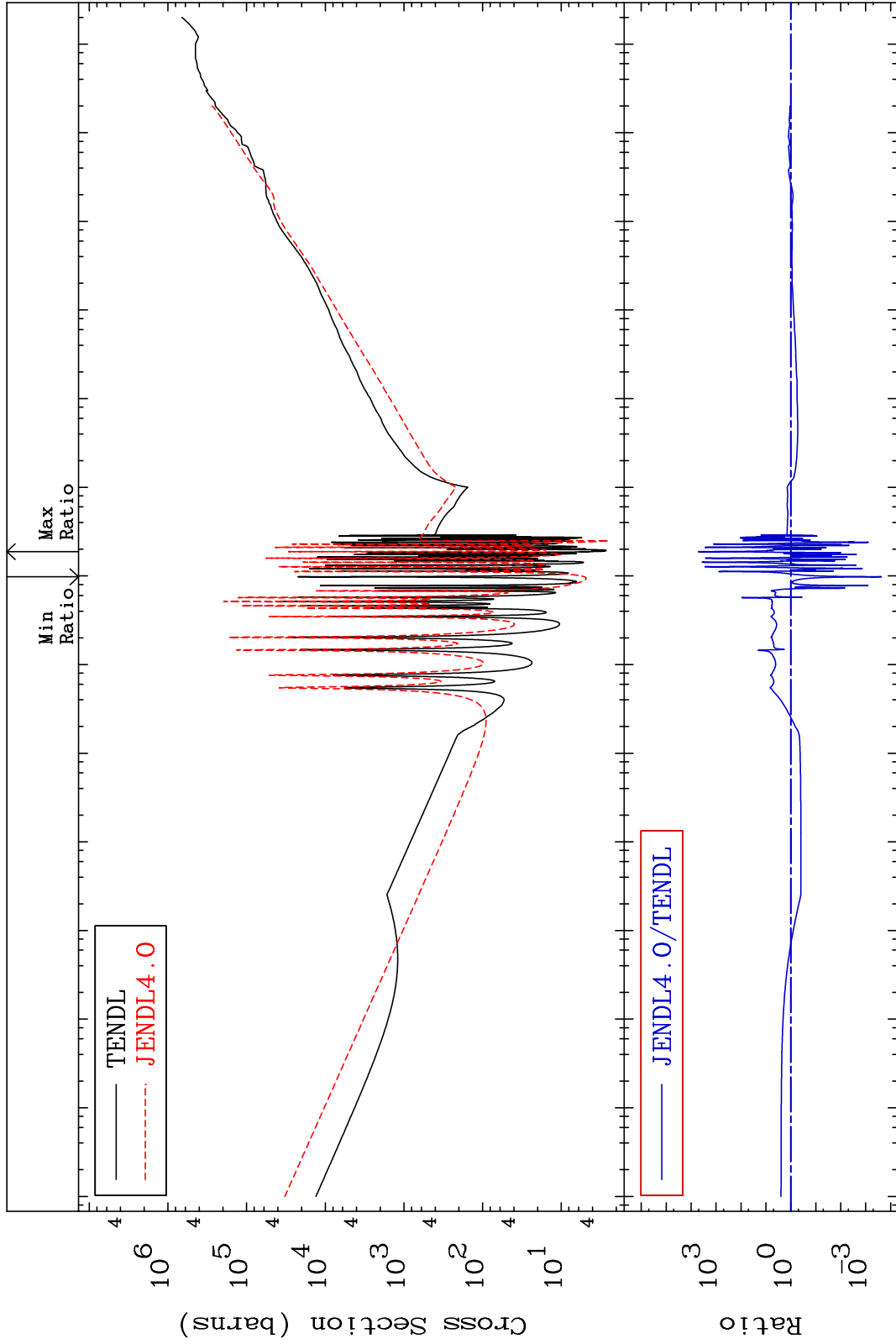
MAT 6825

Dpa total (eV-barns)

68-Er-162

-99.98 To 9999. %

Cross Section



43

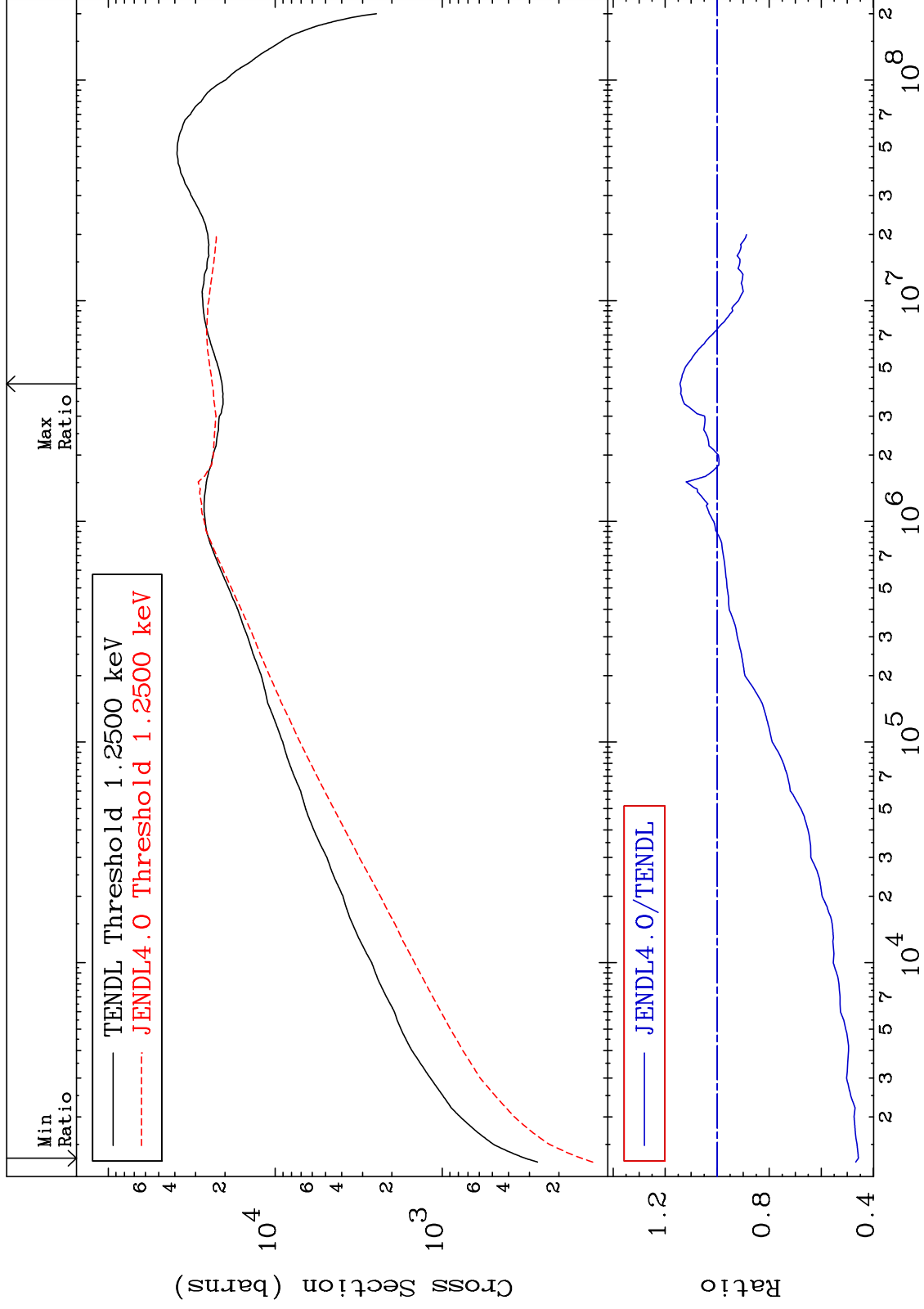
Incident Energy (eV)

68-Er-162

MAT 6825

Dpa elastic (mt2)
Cross Section

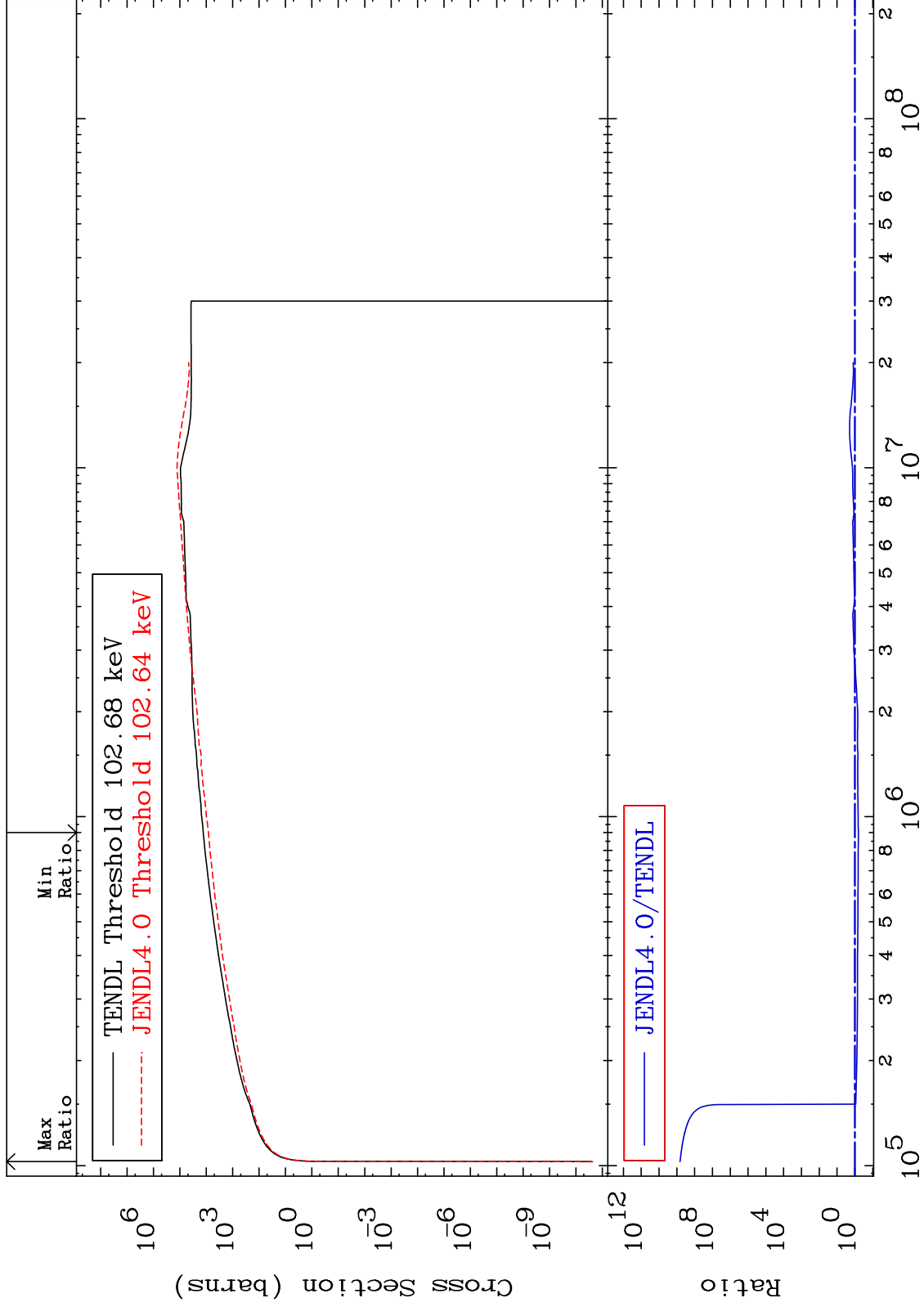
68-Er-162
-54.29 To 14.28 %



MAT 6825

Dpa inelastic (mt51-91)
Cross Section

68-Er-162
-36.73 To 9999. %



45

68-Er-162

MAT 6825

Dpa disappearance (mt102 -120)
Cross Section

68-Er-162
-99.98 To 9999. %

