

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

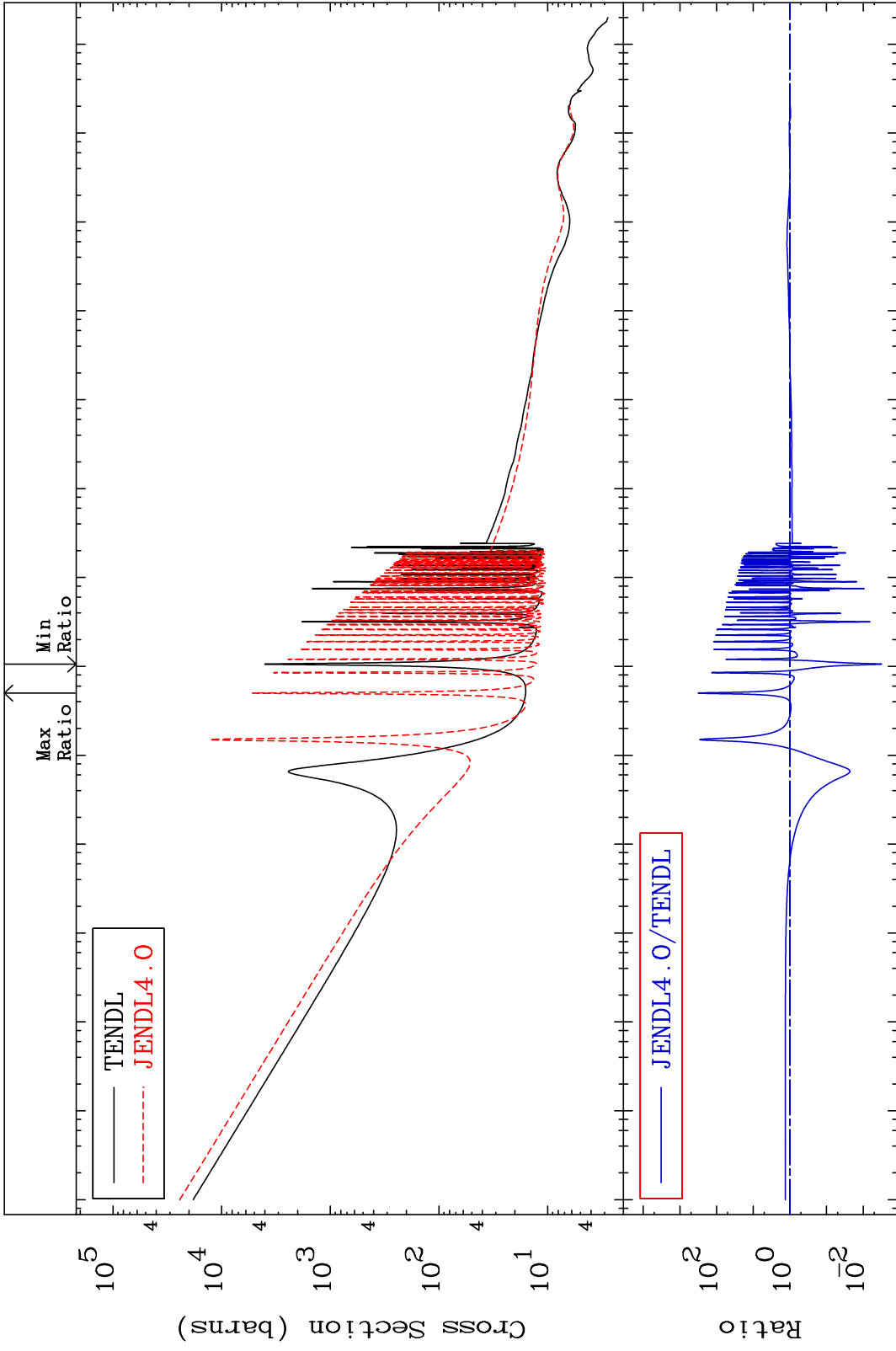
MAT 9234

Total

92-U -237

-99.68 To 9999. %

Cross Section



— TENDL
- - - JENDL4.0

— JENDL4.0/TENDL

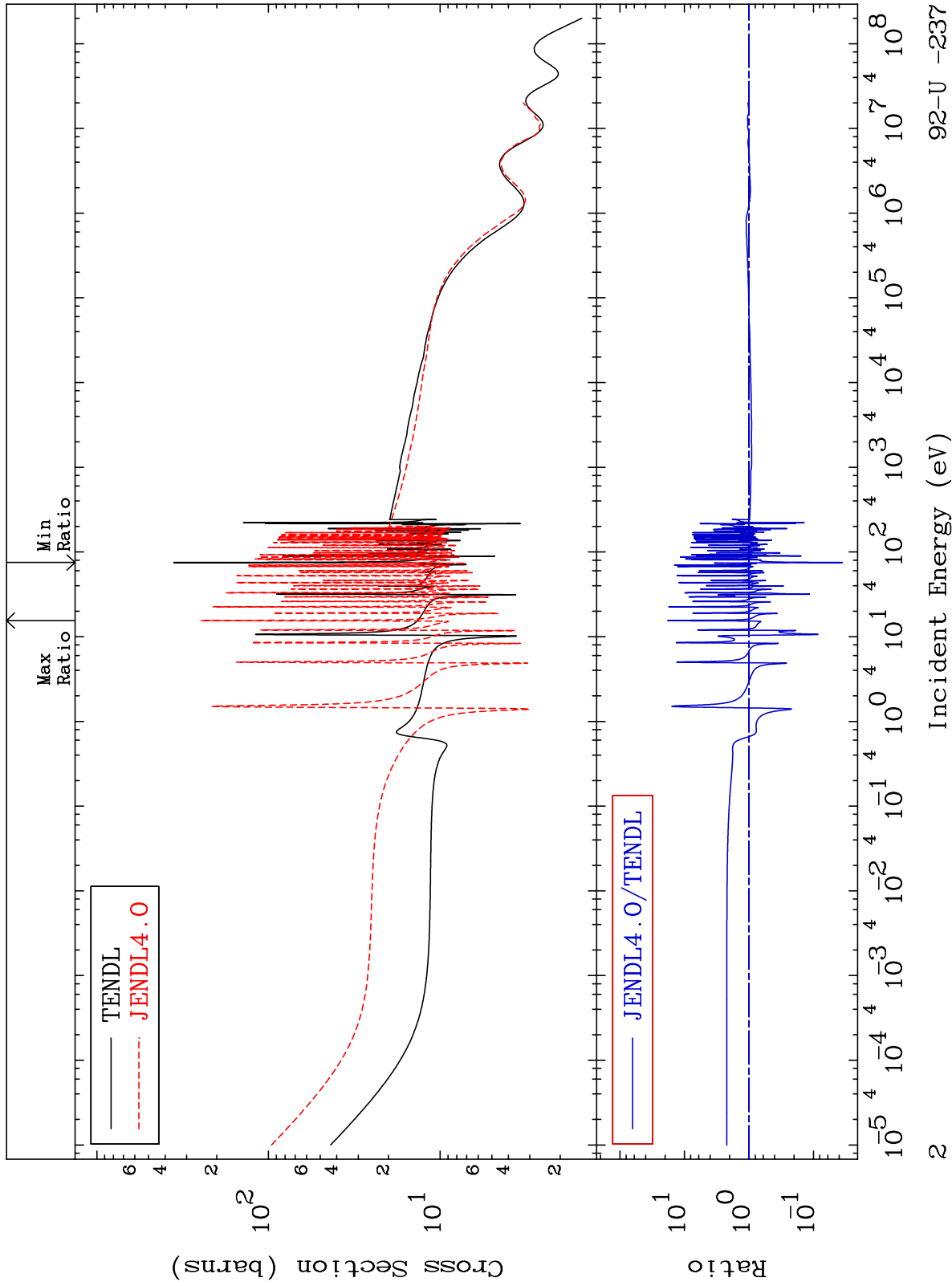
1

Incident Energy (eV)

92-U -237

MAT 9234

Elastic Cross Section
92-U -237
-96.47 To 1728. %



92-U -237

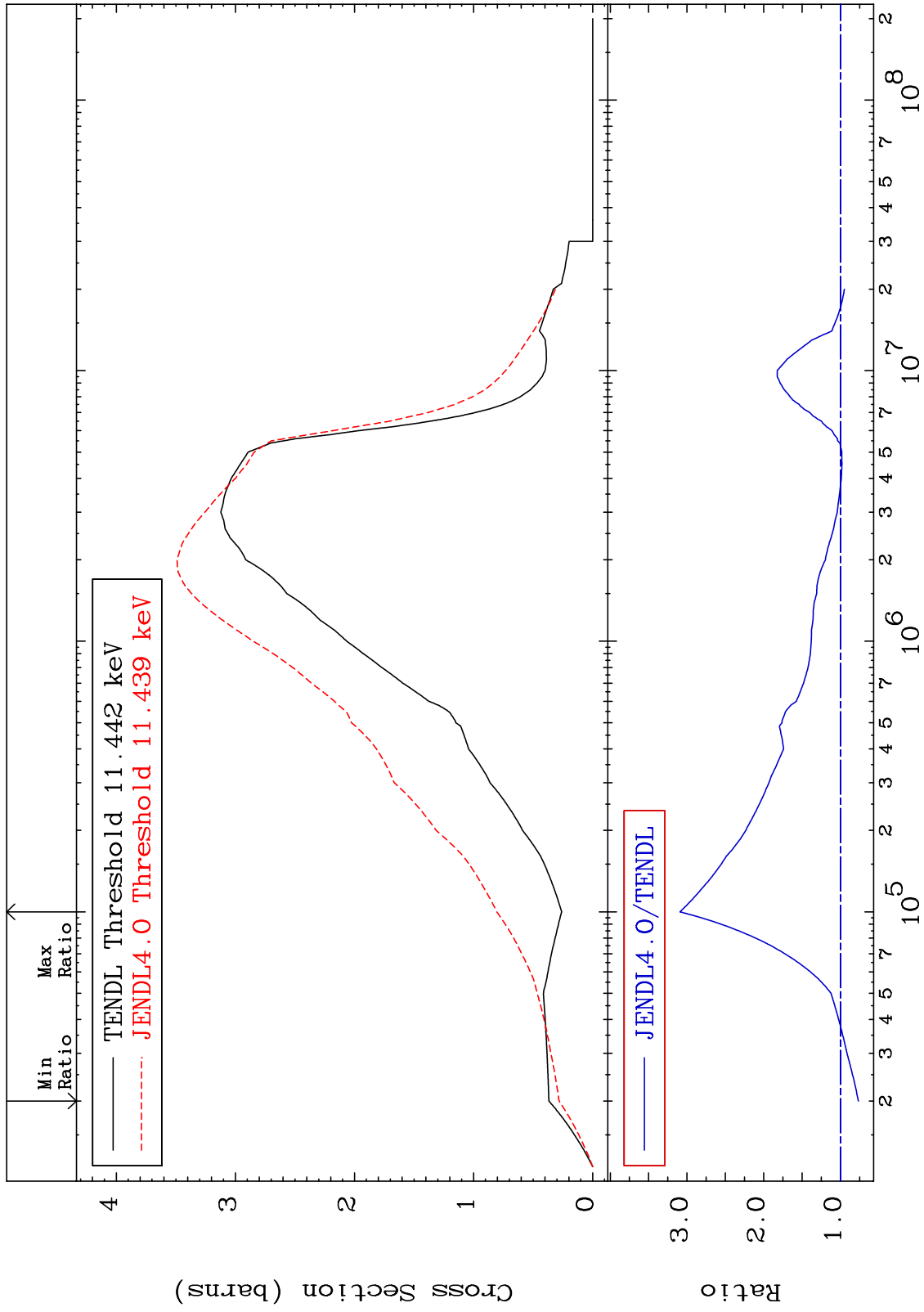
Incident Energy (eV)

2

MAT 9234

Inelastic
Cross Section

92-U -237
-23.32 To 209.1 %



3

Incident Energy (eV)

92-U -237

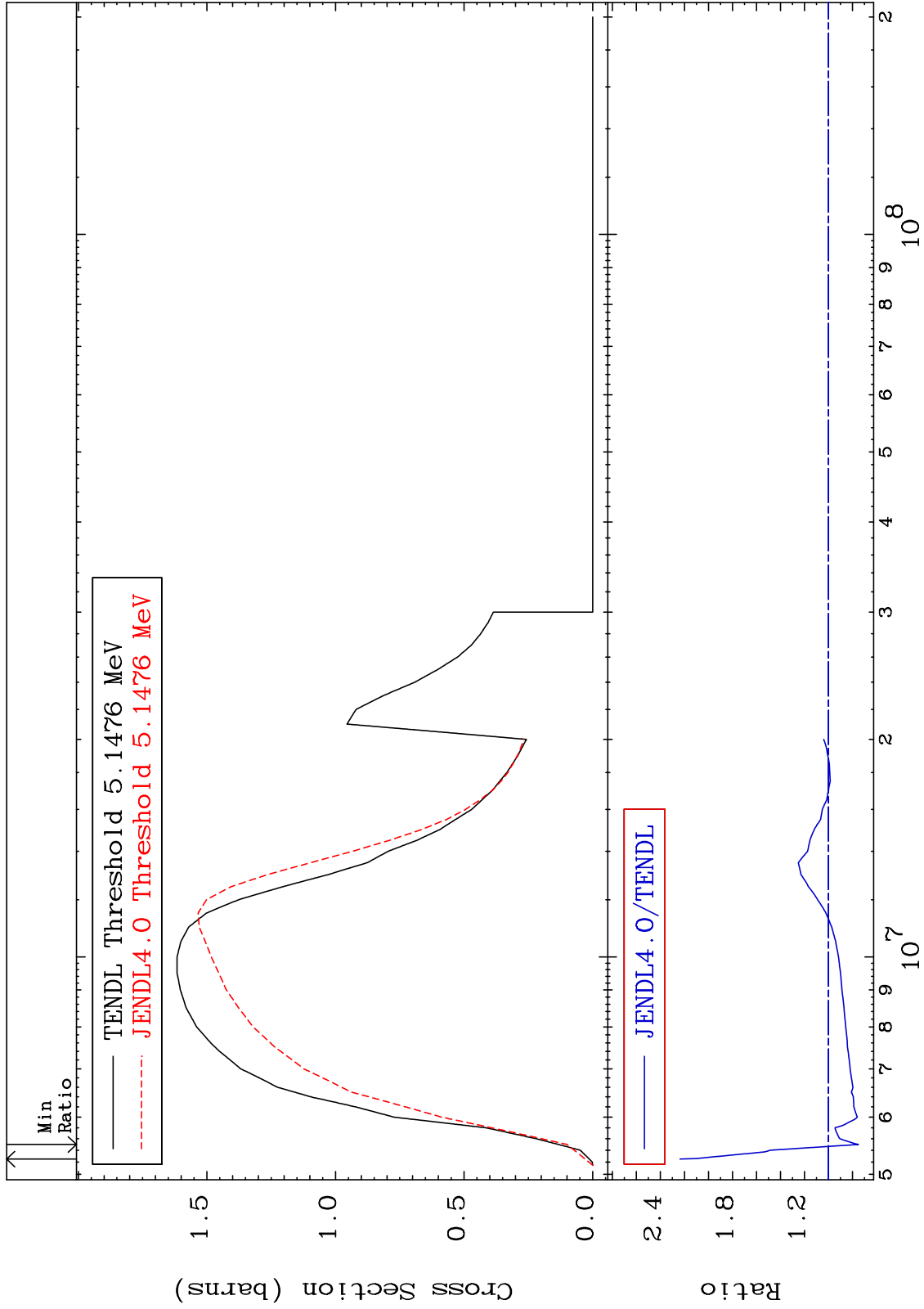
MAT 9234

(n,2n)

92-U -237

Cross Section

-24.87 To 123.7 %



4

Incident Energy (eV)

92-U -237

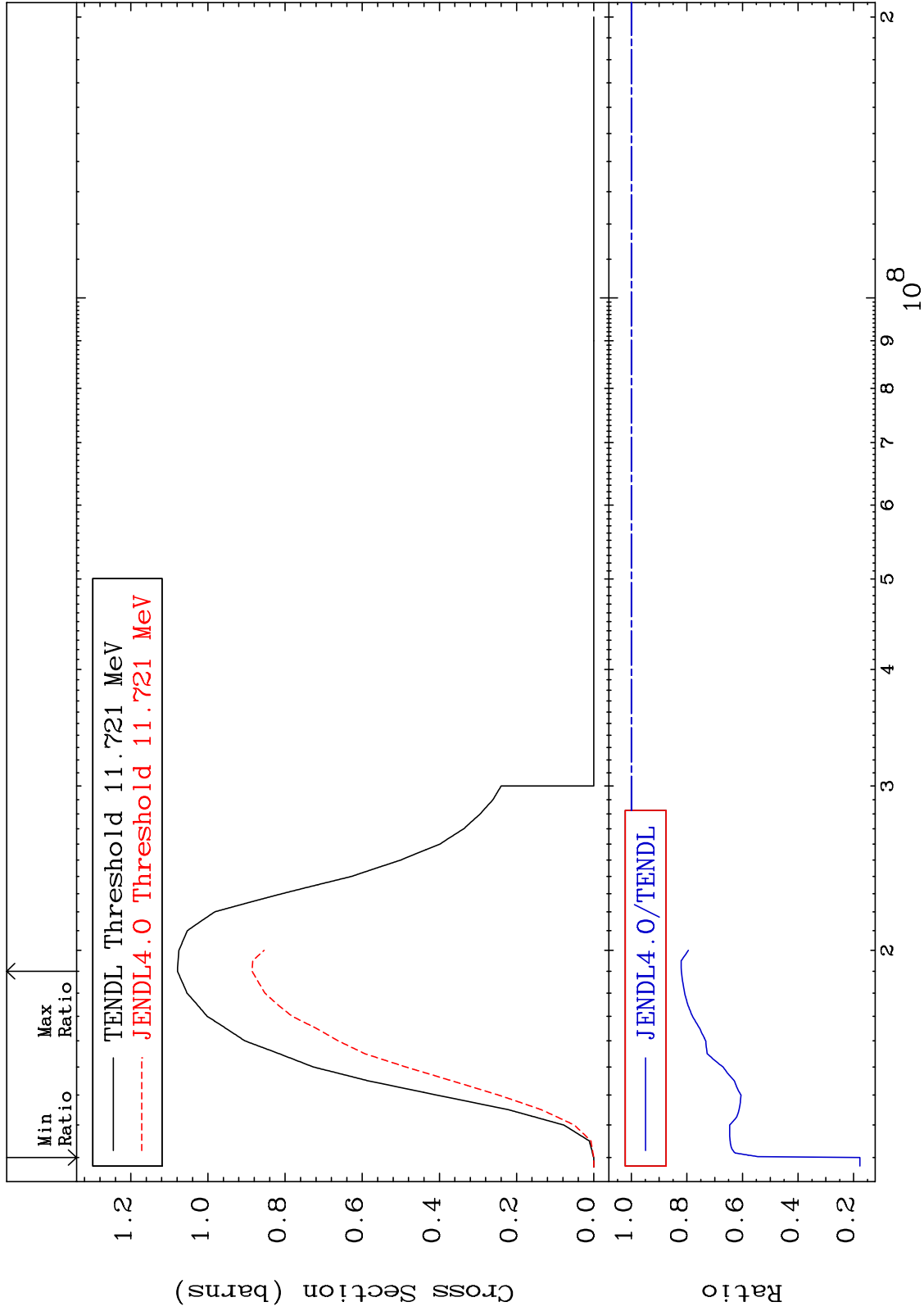
MAT 9234

(n,3n)

92-U -237

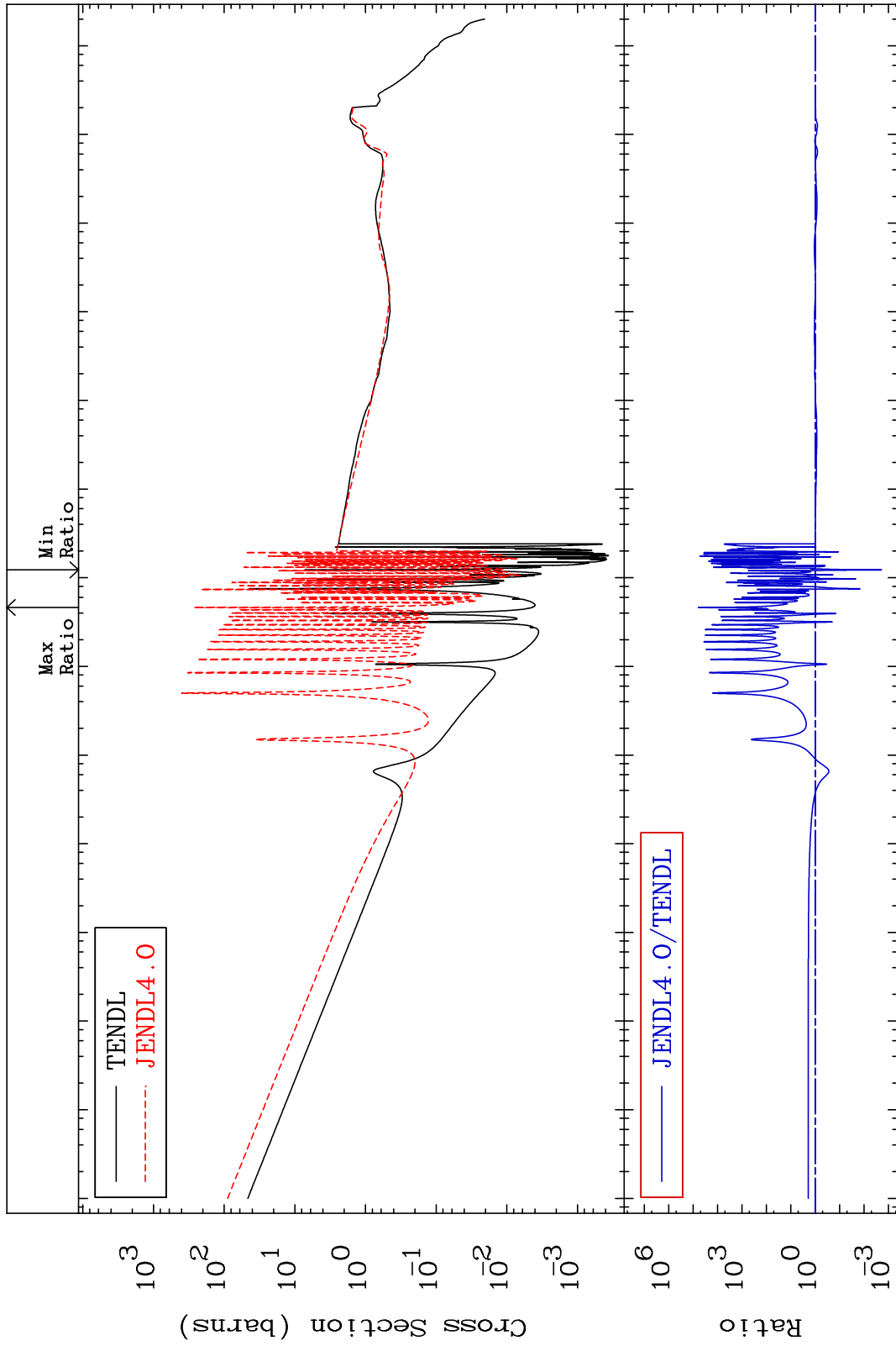
Cross Section

-82.28 To -17.94%



MAT 9234

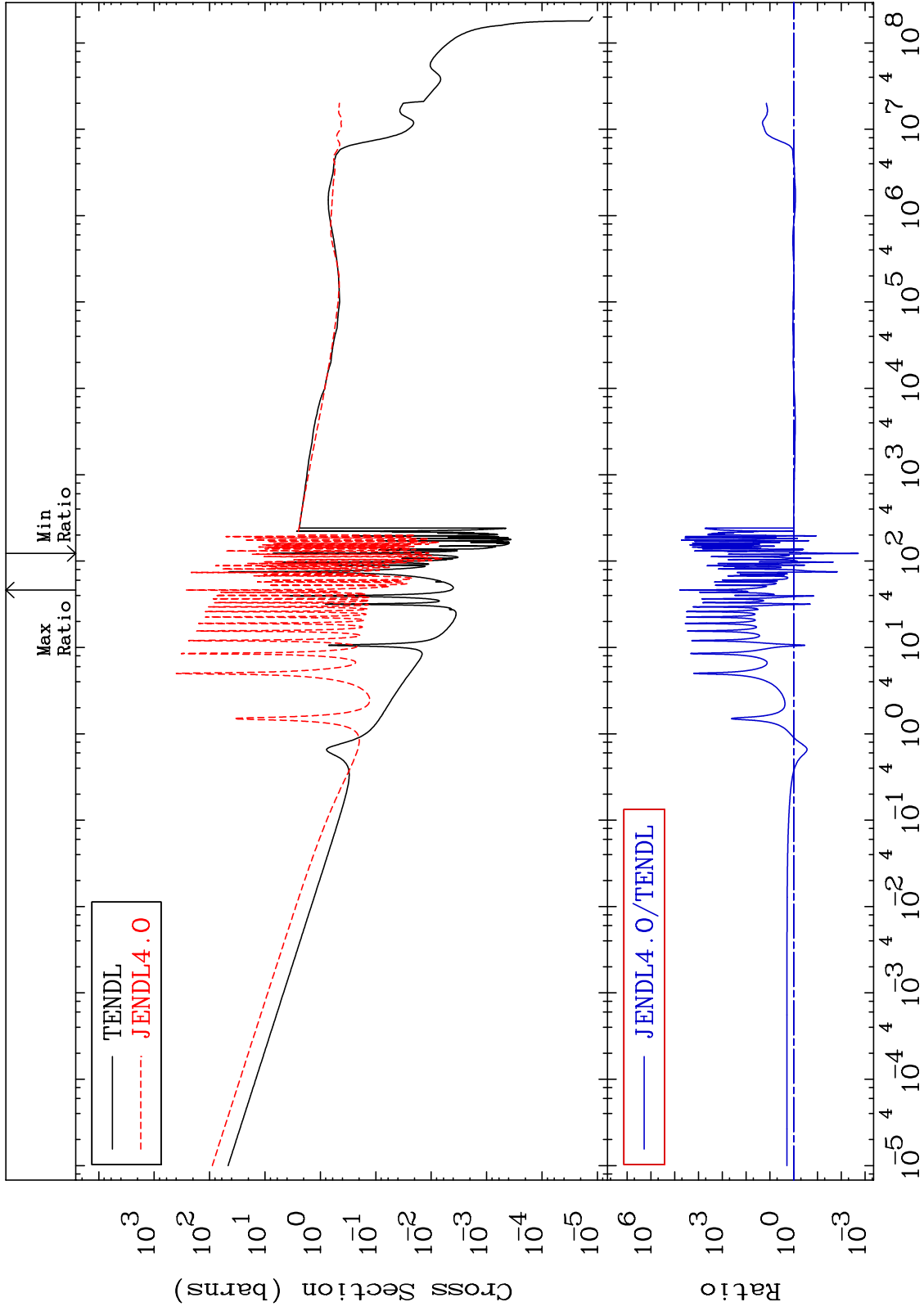
Fission Cross Section
92-U -237
-99.81 To 9999. %



MAT 9234

(n,f) First Chance
Cross Section

92-U -237
-99.81 To 9999. %



7

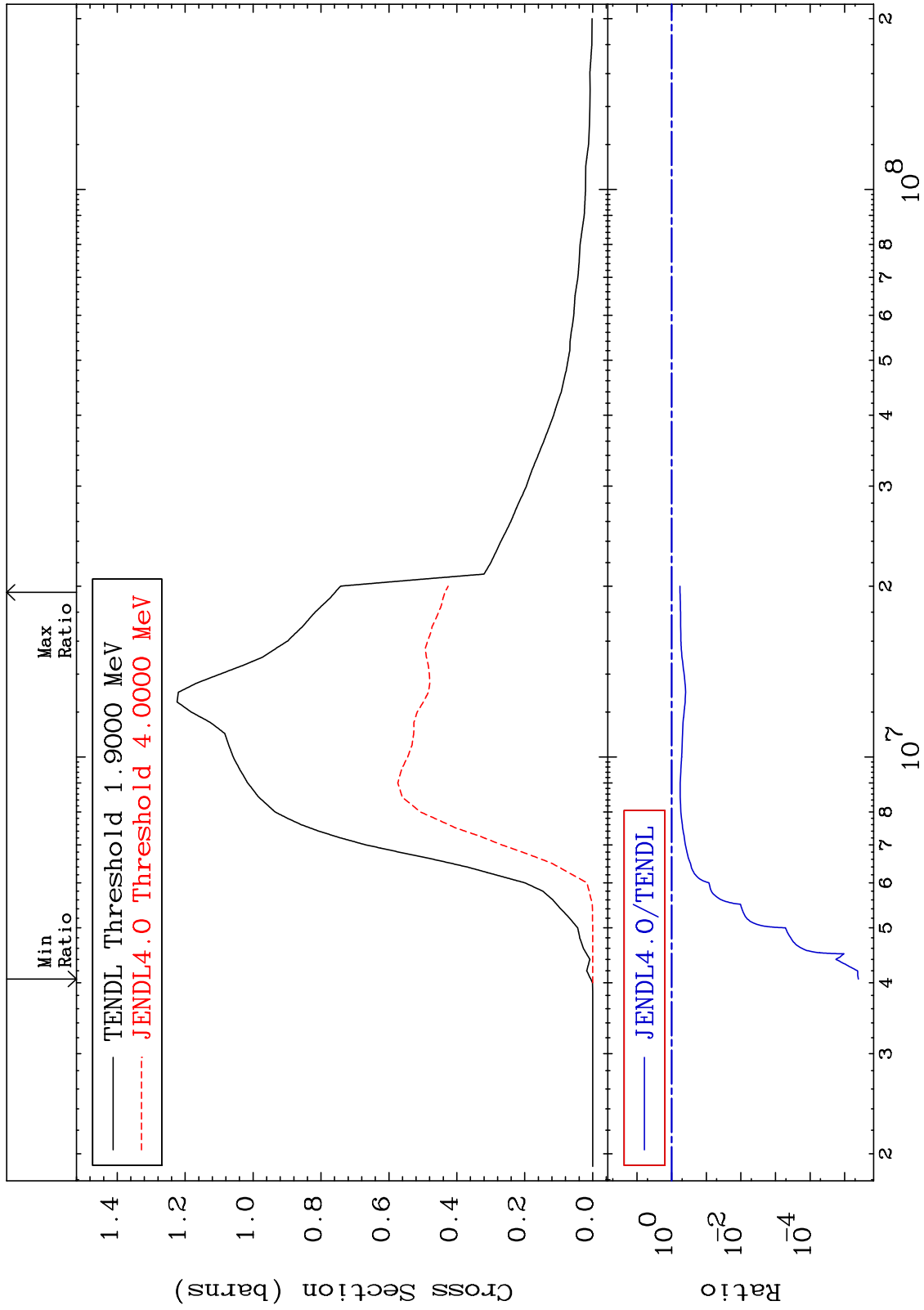
Incident Energy (eV)

92-U -237

MAT 9234

(n, nf) Second Chance
Cross Section

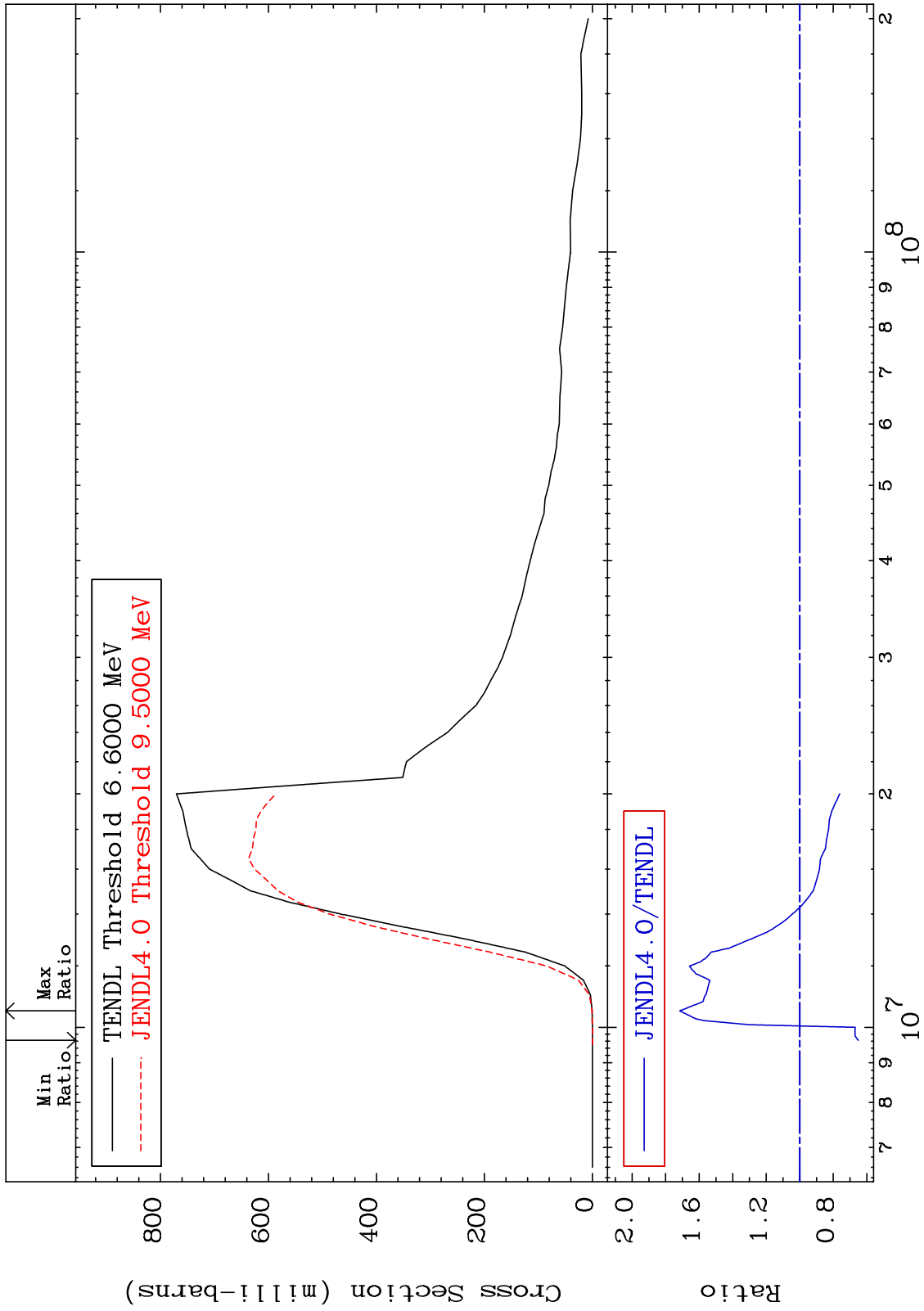
92-U -237
-100.0 To -42.63%



MAT 9234

(n,2nf) Third Chance
Cross Section

92-U -237
-34.94 To 71.55 %



9

Incident Energy (eV)

92-U -237

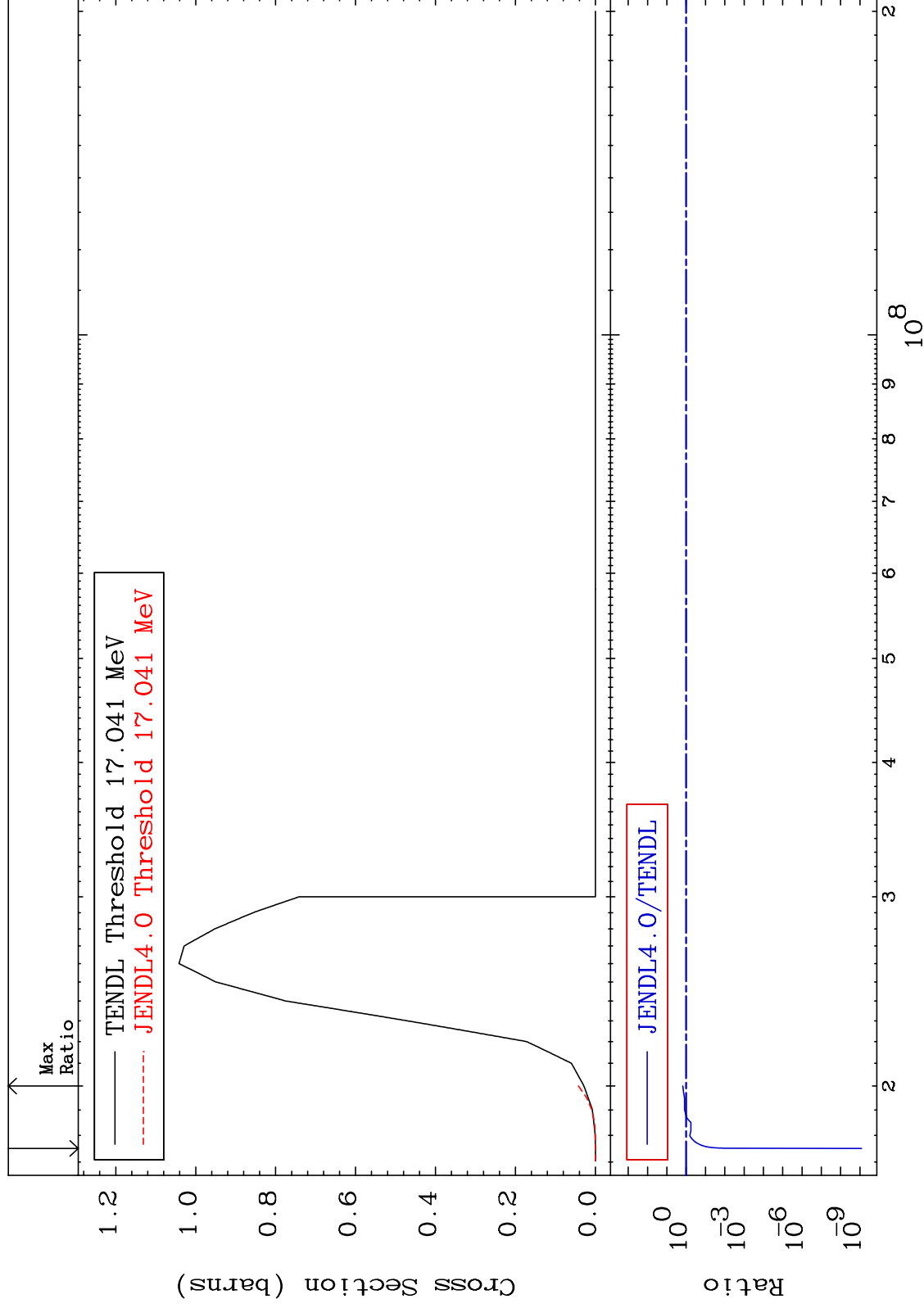
MAT 9234

(n, 4n)

92-U -237

Cross Section

-100.0 To 47.97 %



10

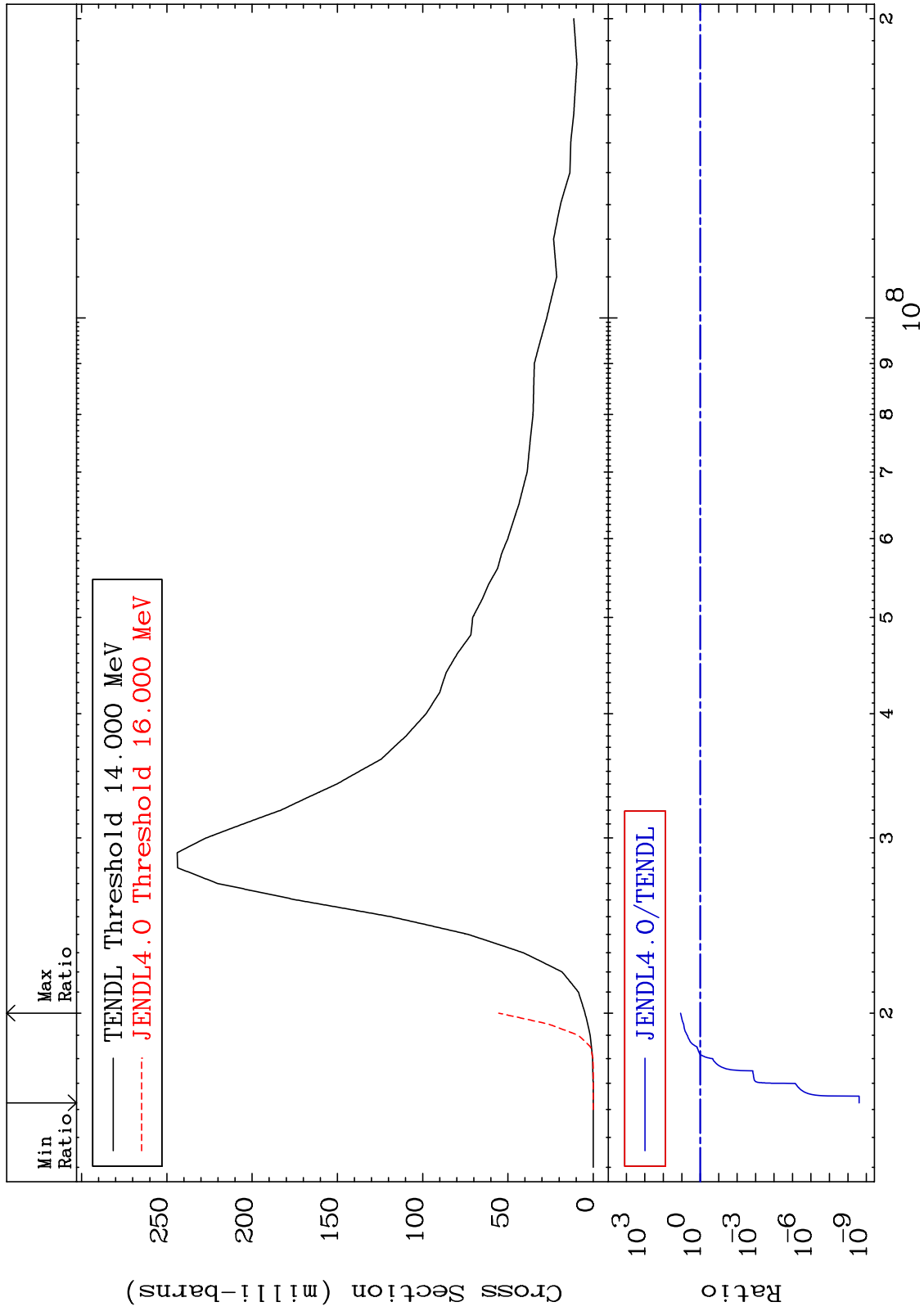
Incident Energy (eV)

92-U -237

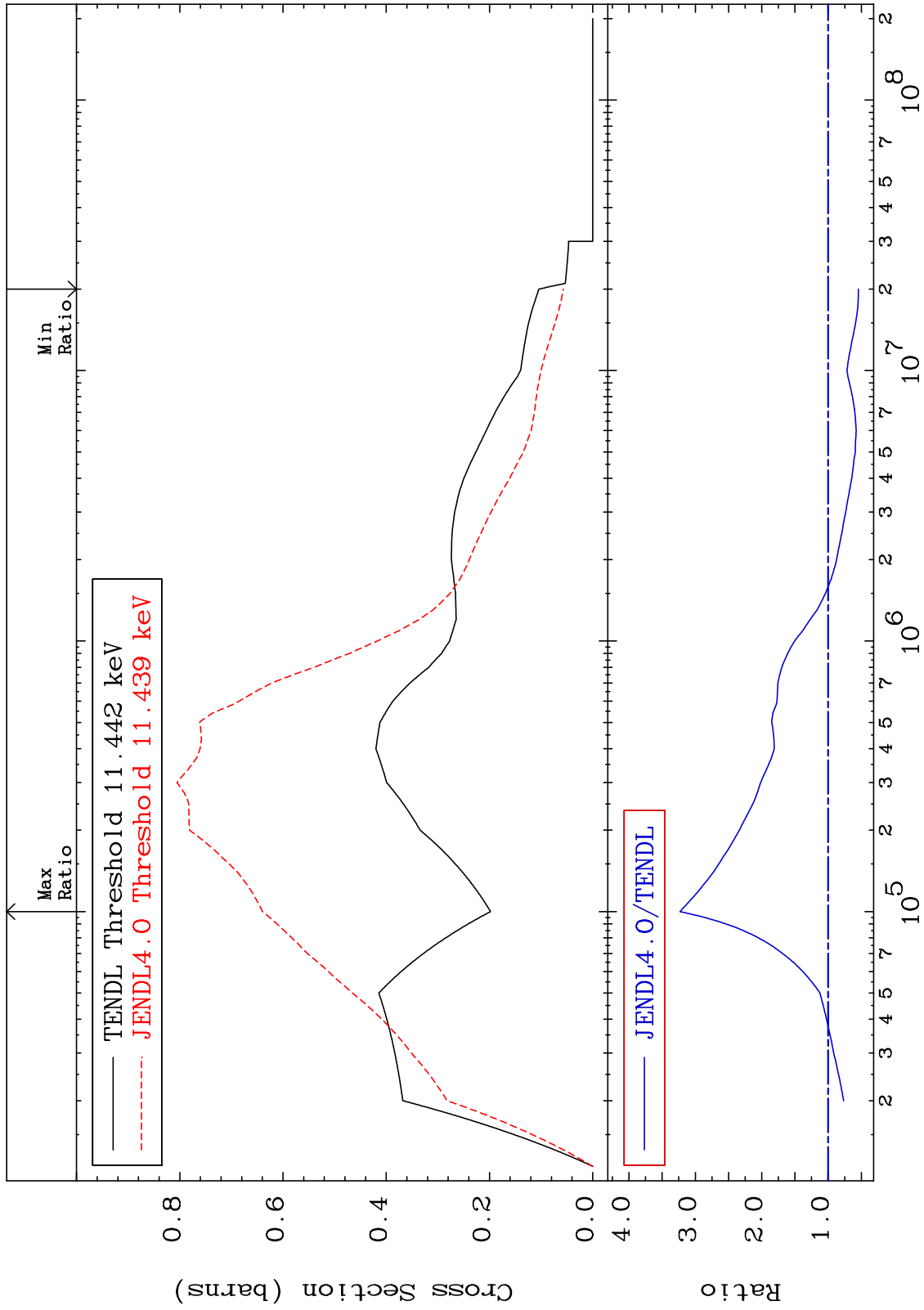
MAT 9234

(n,3nf) Fourth Chance
Cross Section

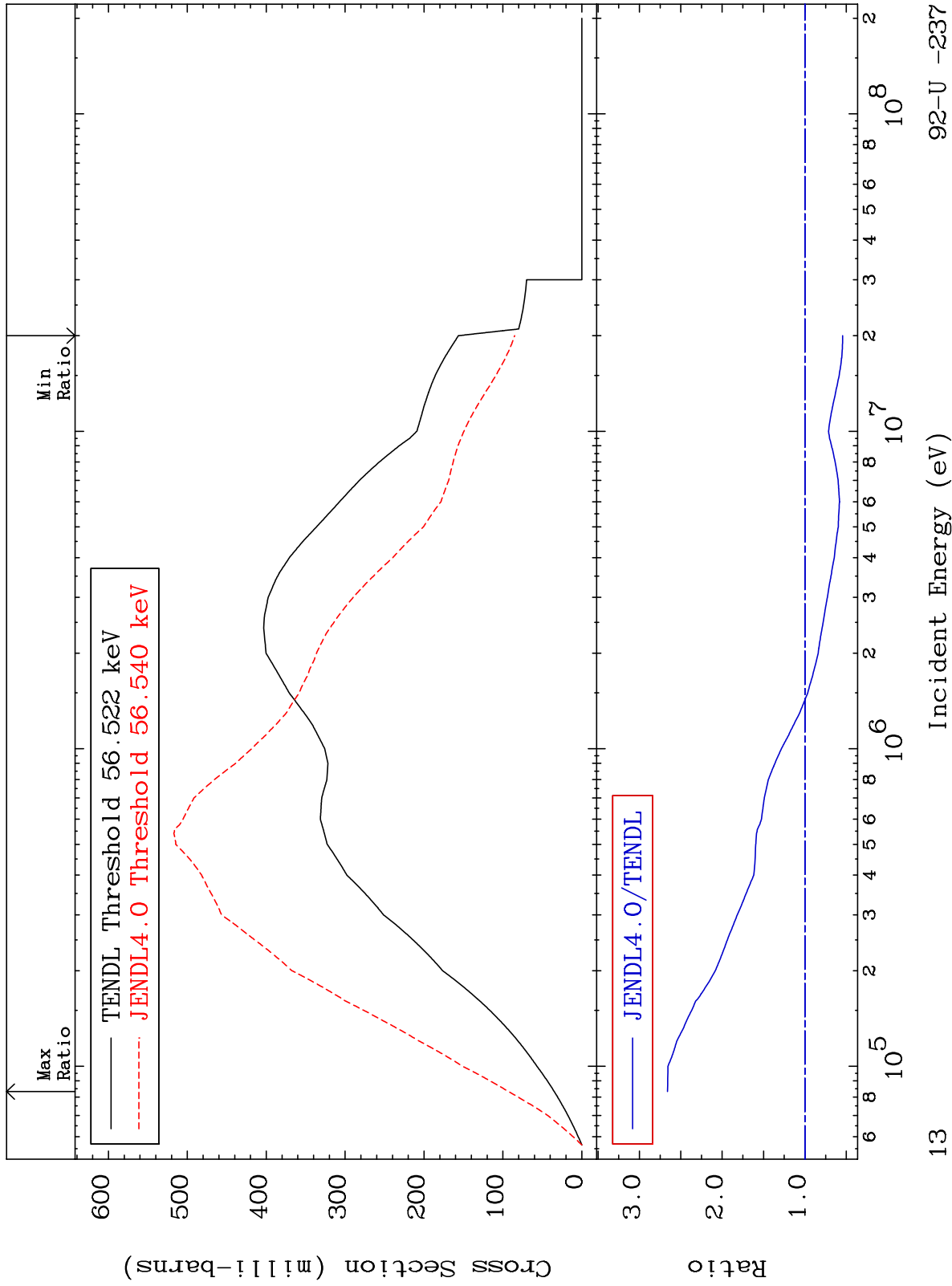
92-U -237
-100.0 To 1054. %



MAT 9234 MT= 51 (n,n') Level 92-U -237
 Cross Section -45.59 To 223.1 %



MAT 9234 MT= 52 (n,n') Level Cross Section 92-U -237
-45.61 To 166.0 %



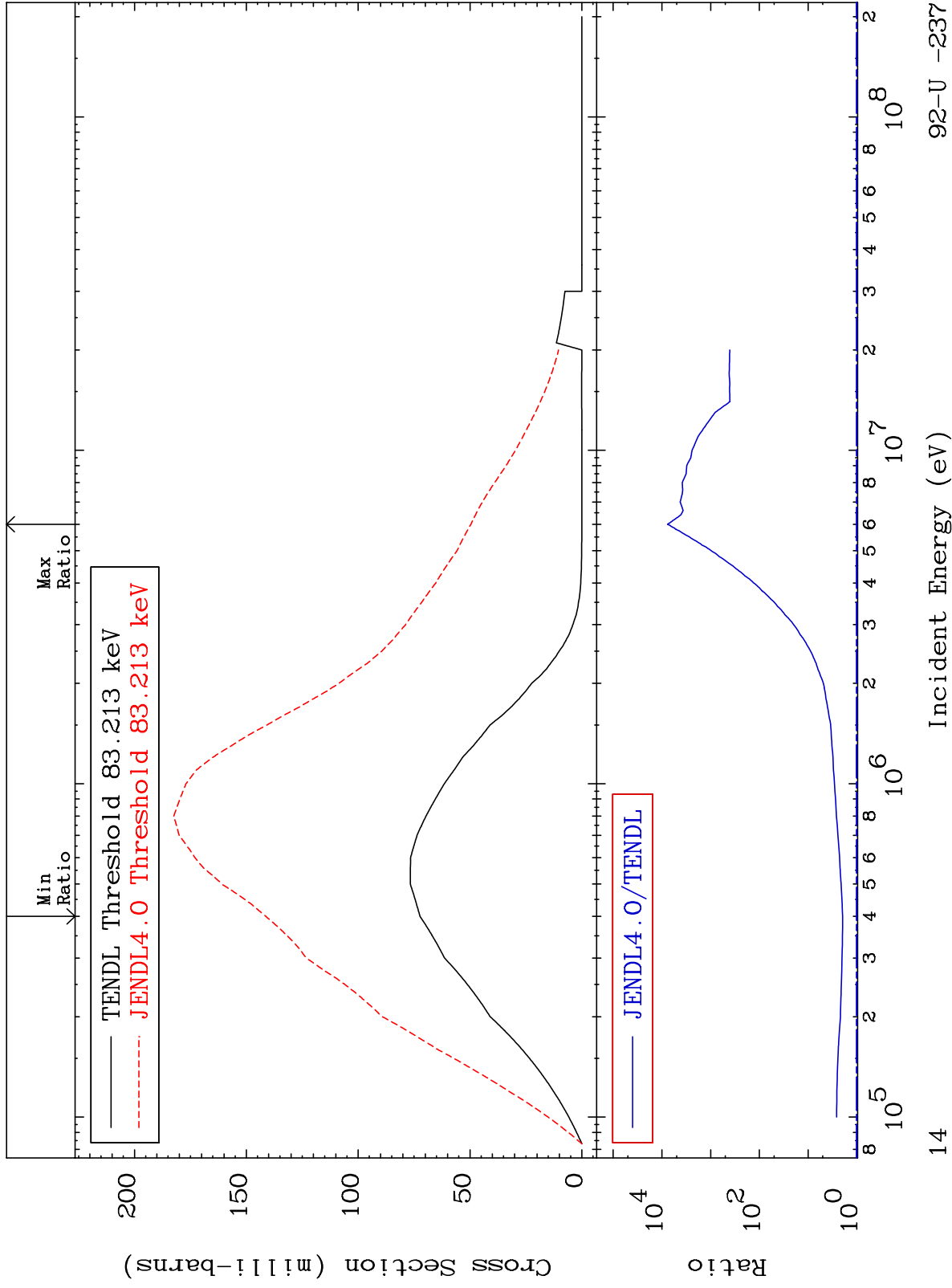
MAT 9234

MT= 53 (n, n') Level

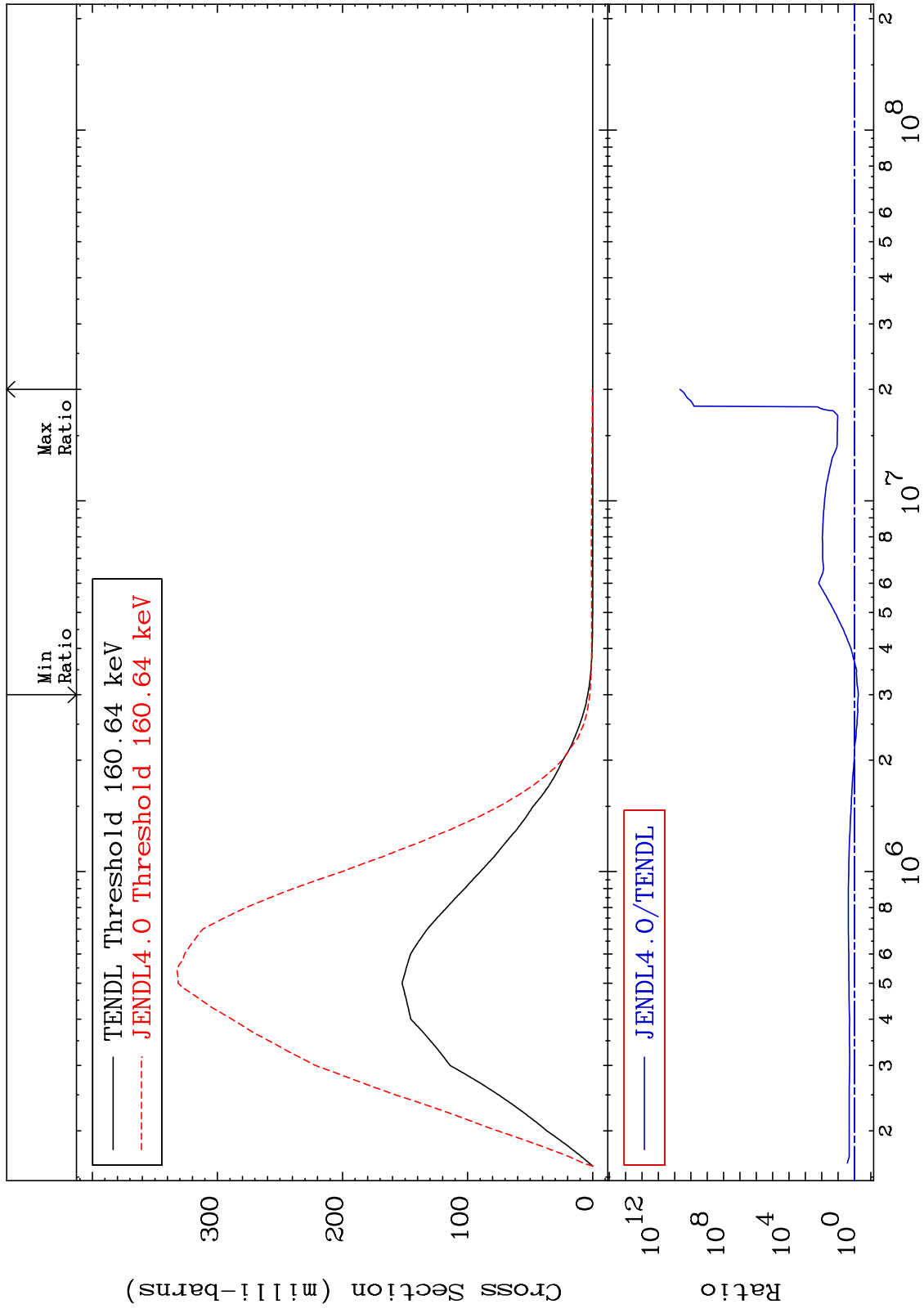
92-U -237

95.23 To 9999. %

Cross Section



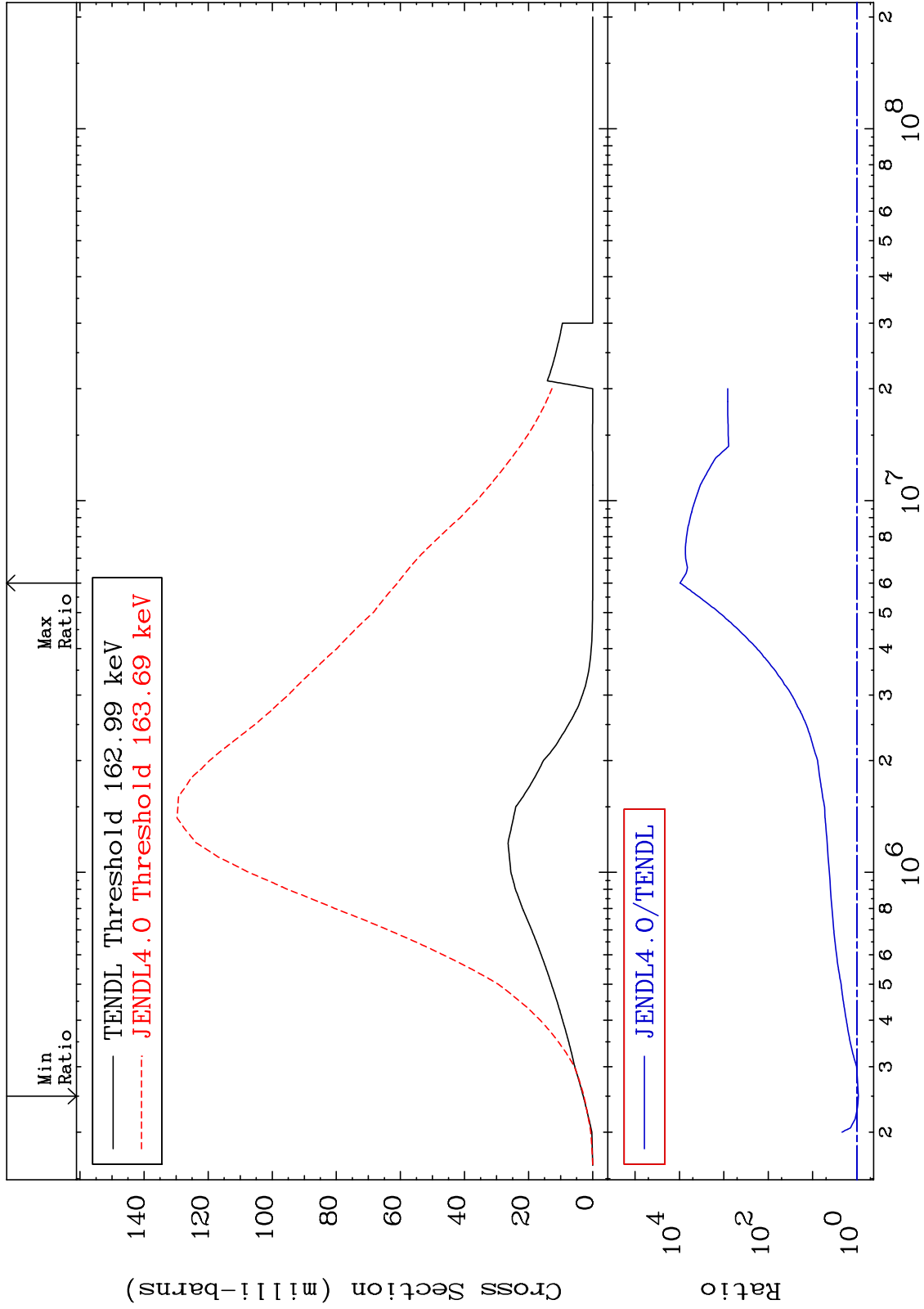
MAT 9234 MT= 54 (n,n') Level 92-U -237
 Cross Section -43.04 To 9999. %



MAT 9234

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

92-U -237
-6.904 To 9999. %



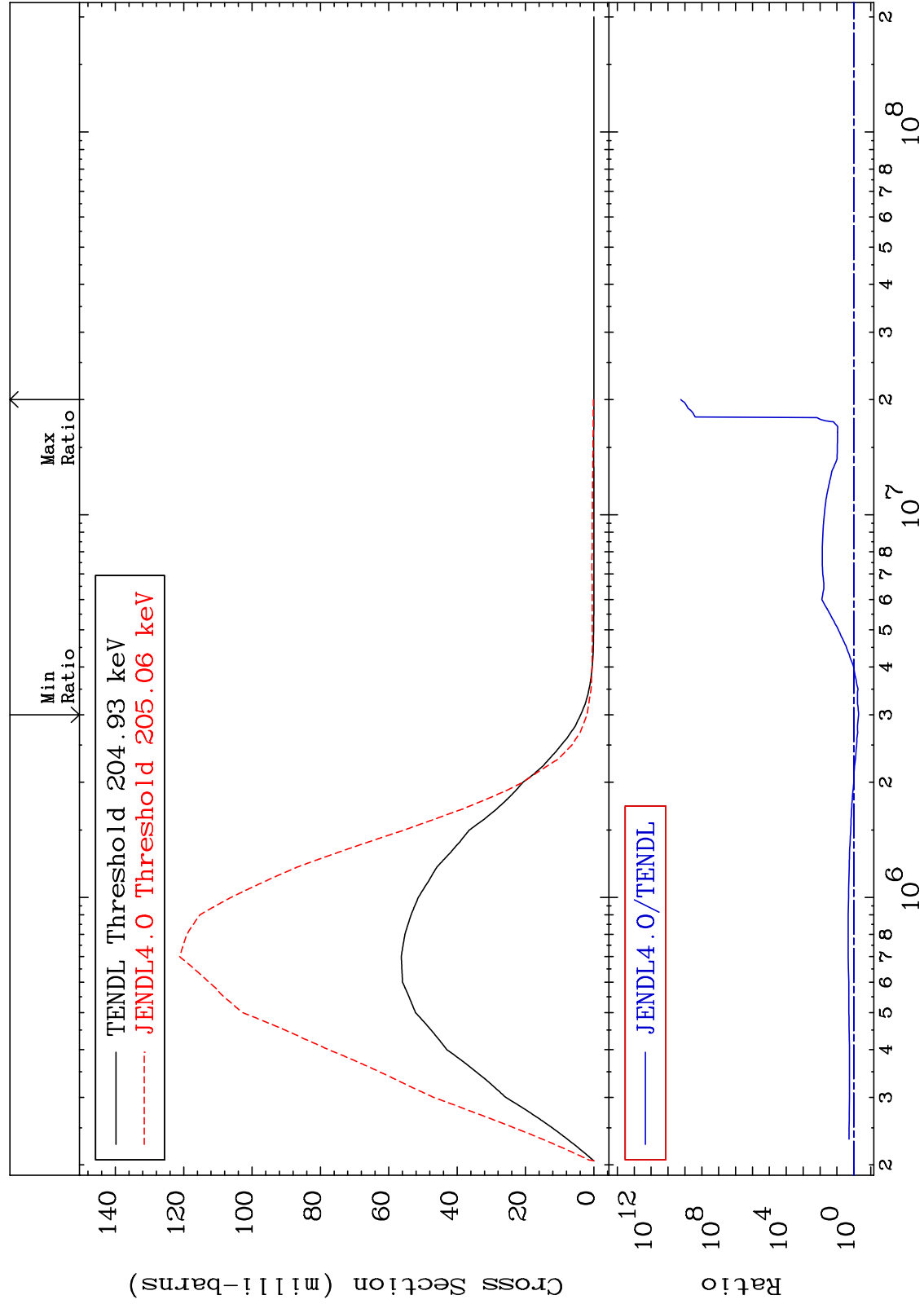
MAT 9234

MT= 56 (n,n') Level

92-U -237

-48.06 To 9999. %

Cross Section



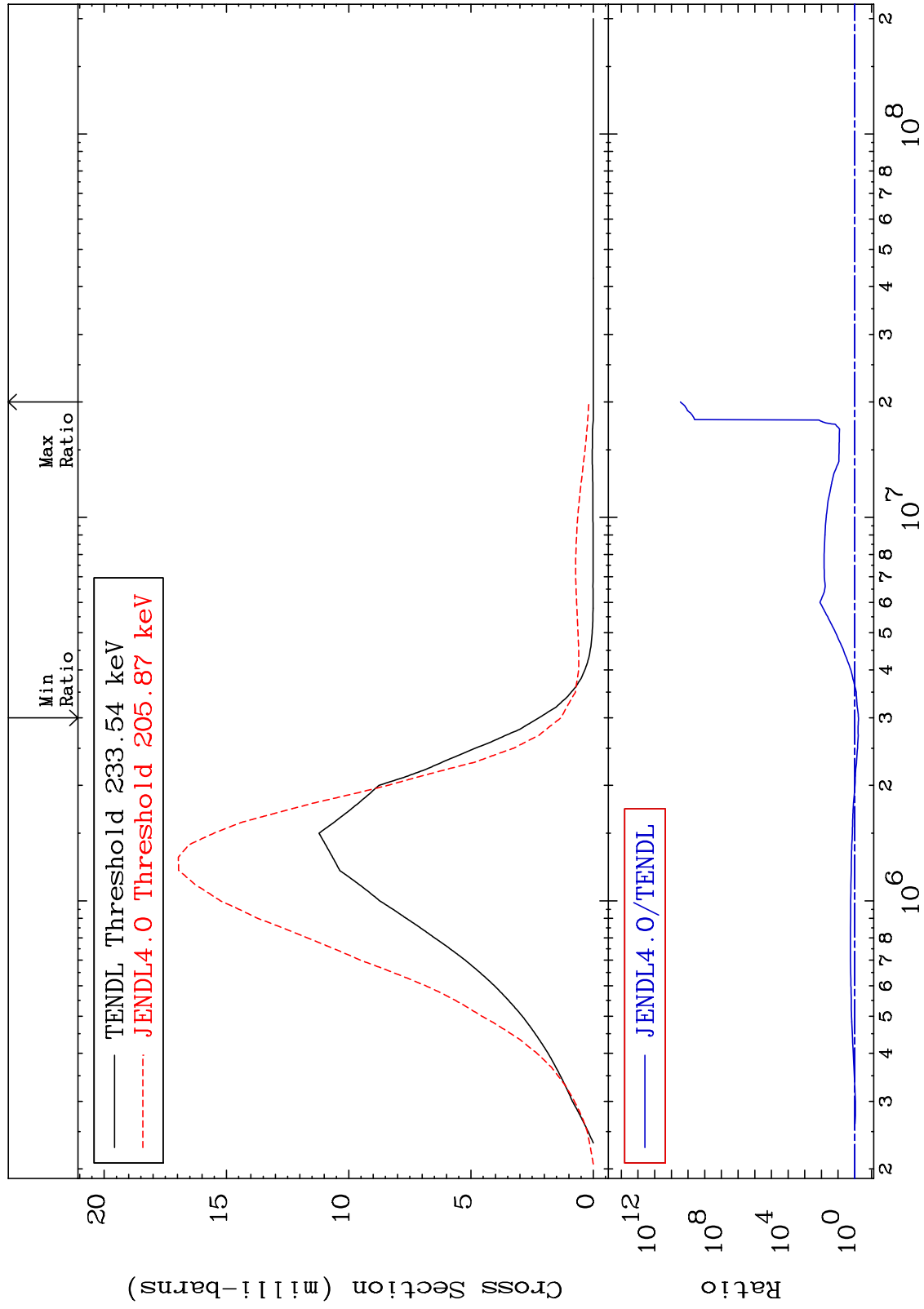
MAT 9234

MT= 57 (n,n') Level

92-U -237

-40.46 To 9999. %

Cross Section

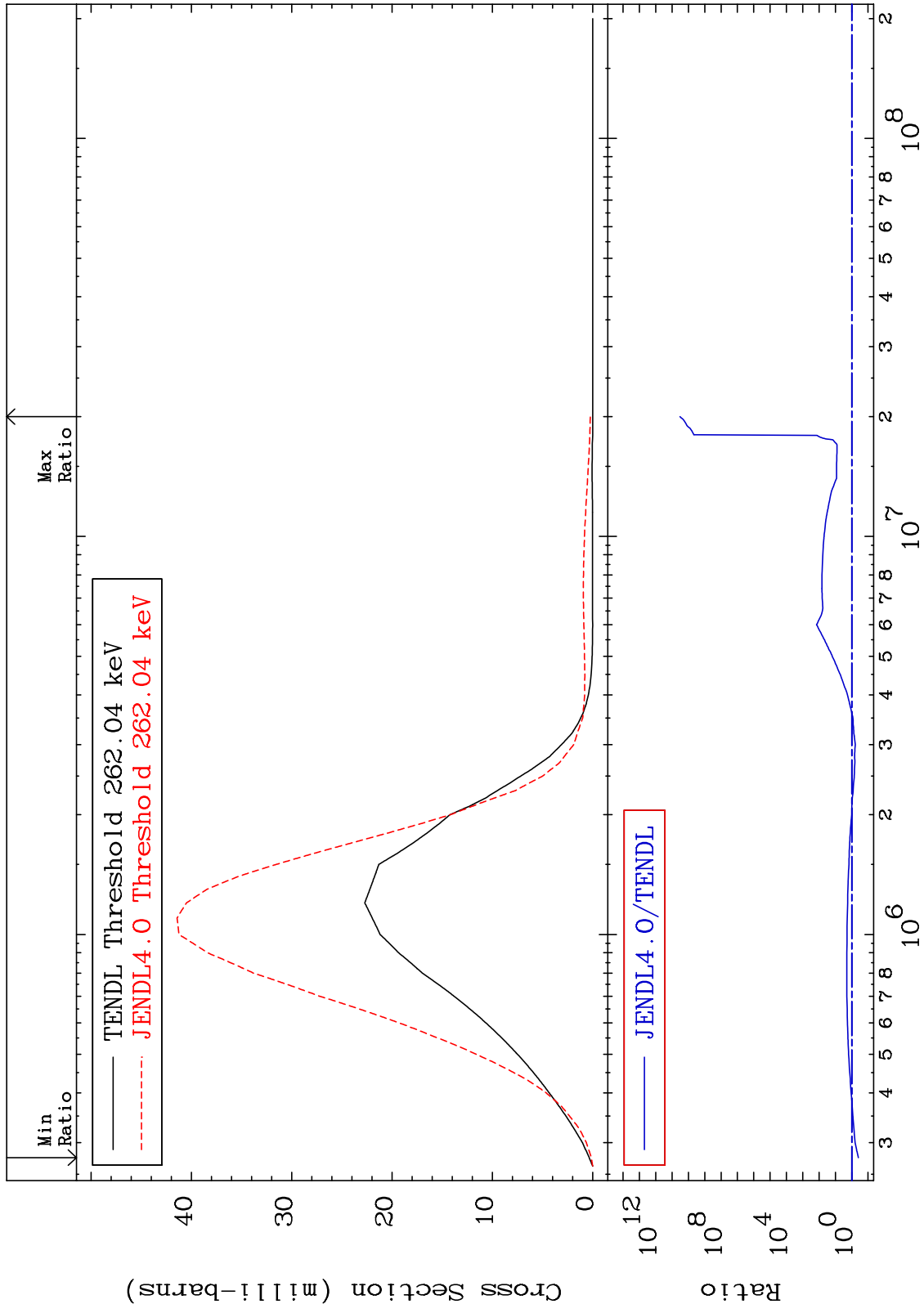


18

Incident Energy (eV)

92-U -237

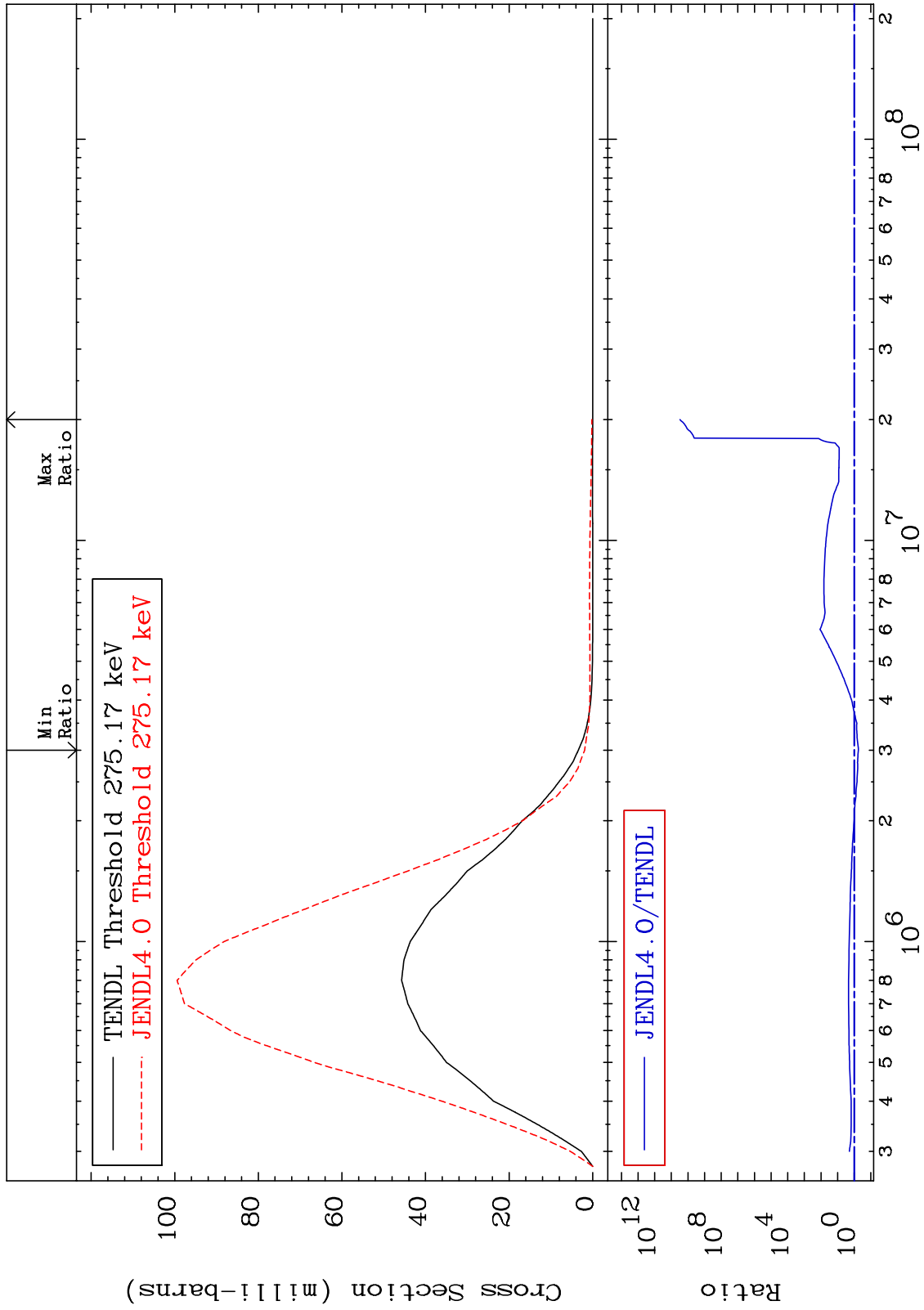
MAT 9234 MT= 58 (n,n') Level 92-U -237
Cross Section -61.09 To 9999. %



MAT 9234

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

92-U -237
-43.82 To 9999. %



20

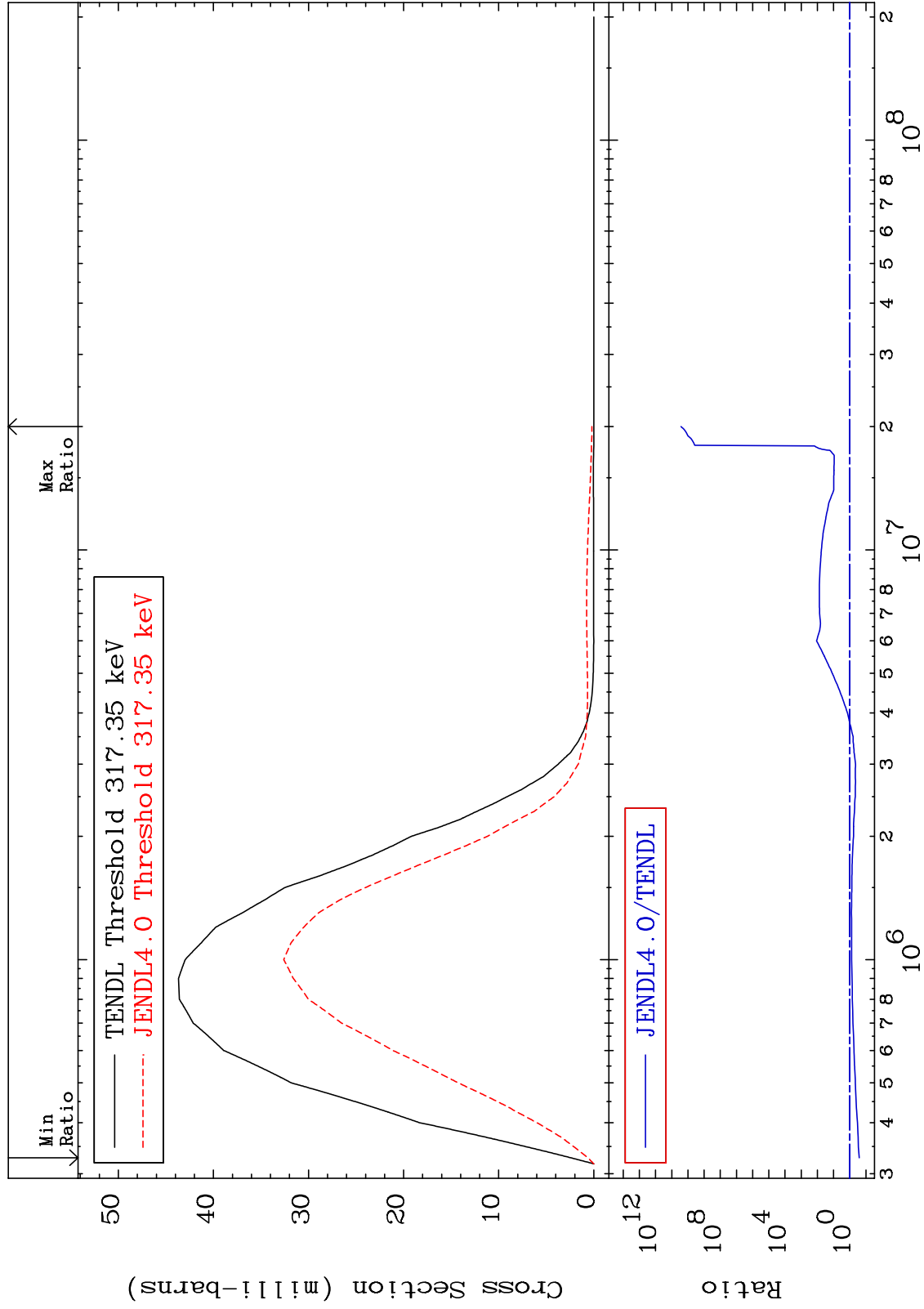
Incident Energy (eV)

92-U -237

MAT 9234

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

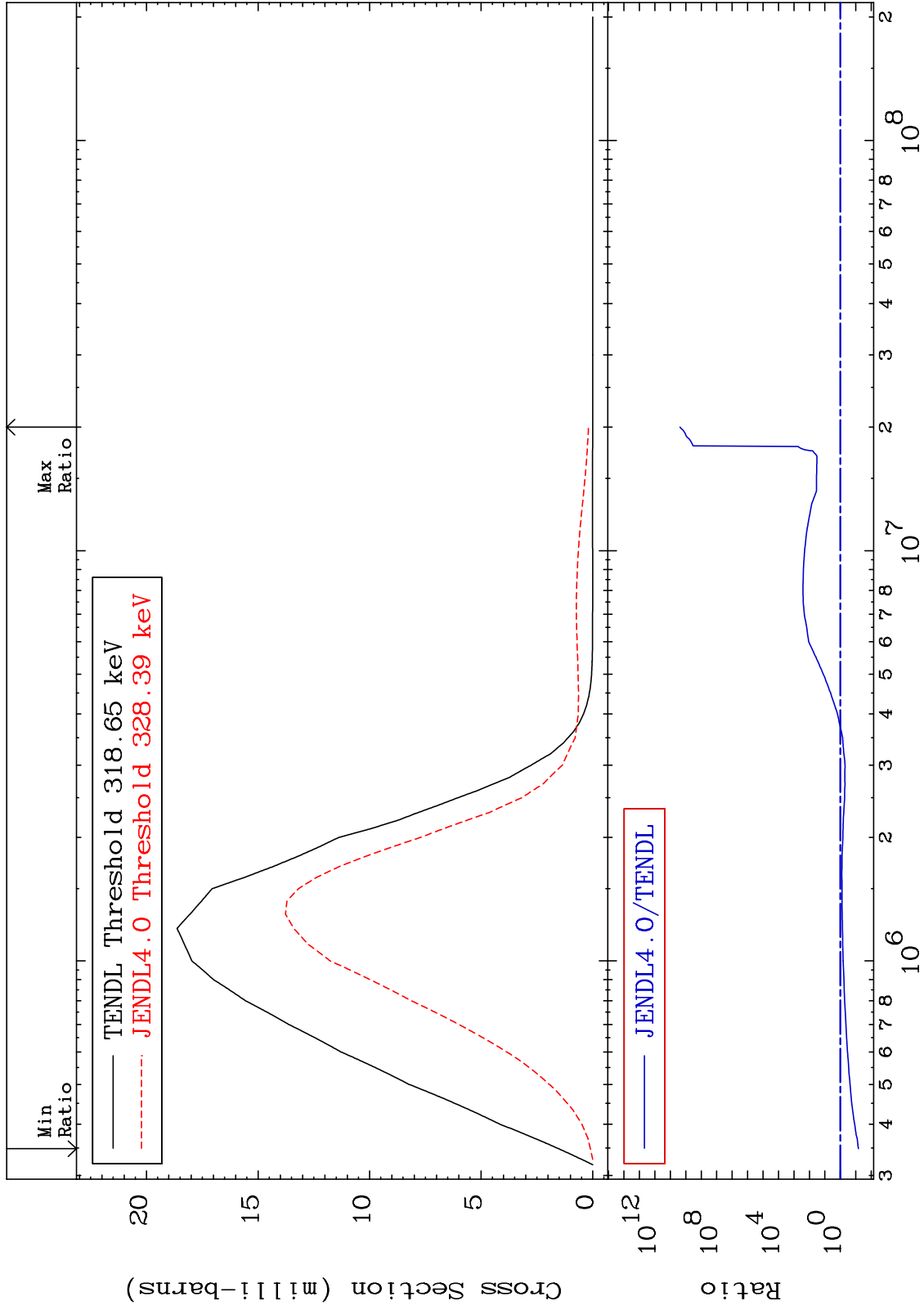
92-U -237
-74.29 To 9999. %



MAT 9234

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

92-U -237
-93.23 To 9999. %



22

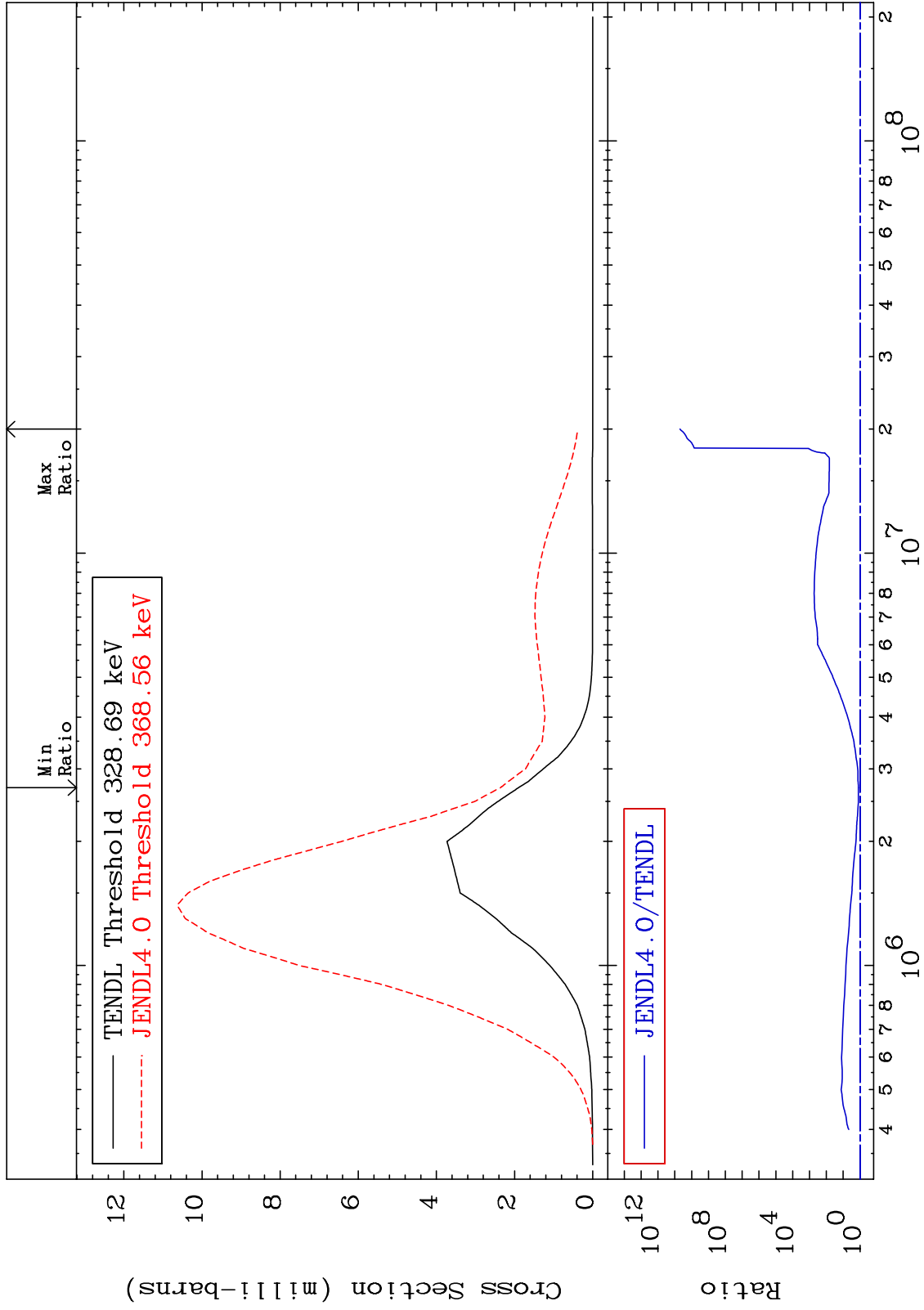
Incident Energy (eV)

92-U -237

MAT 9234

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

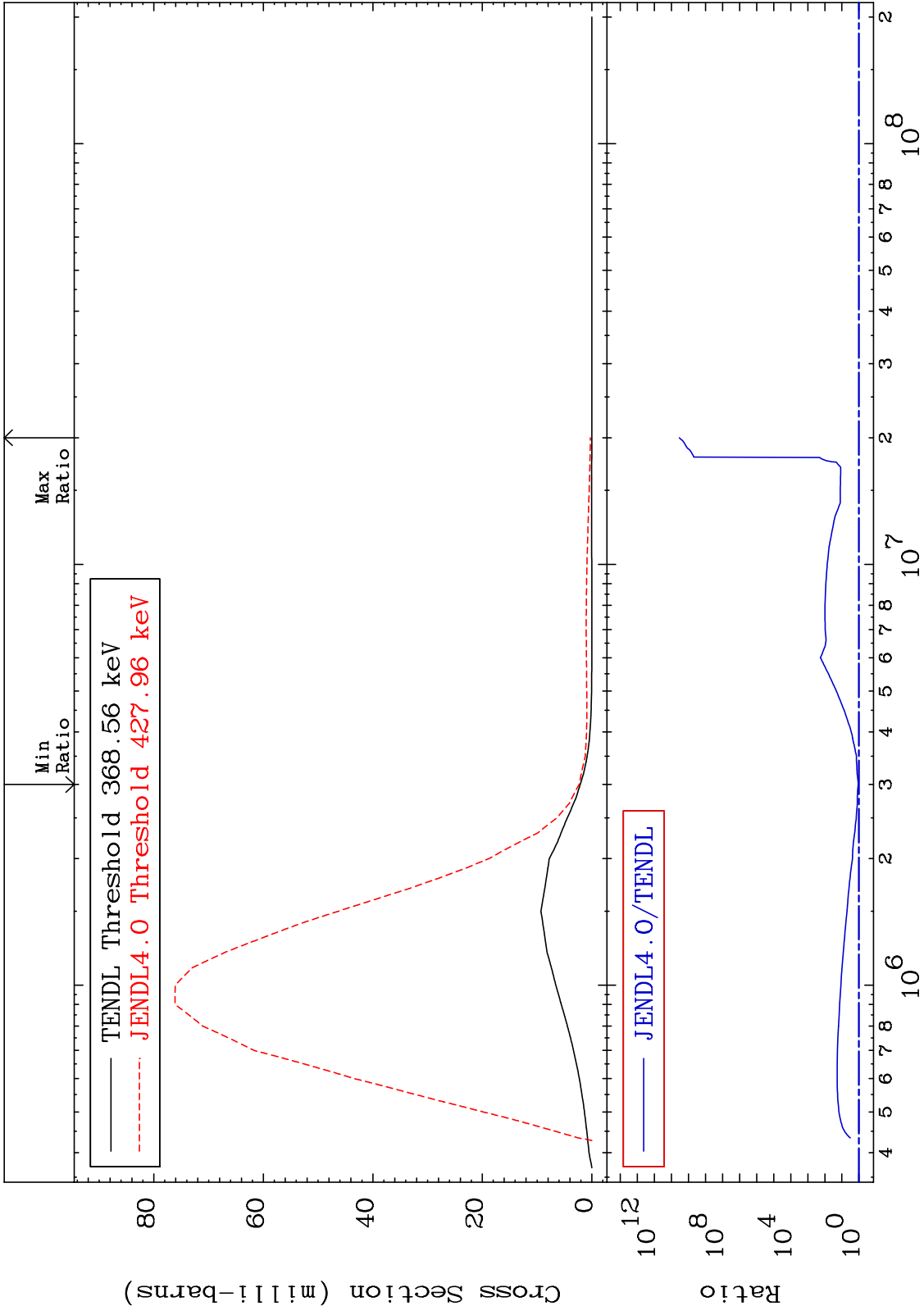
92-U -237
24.45 To 9999. %



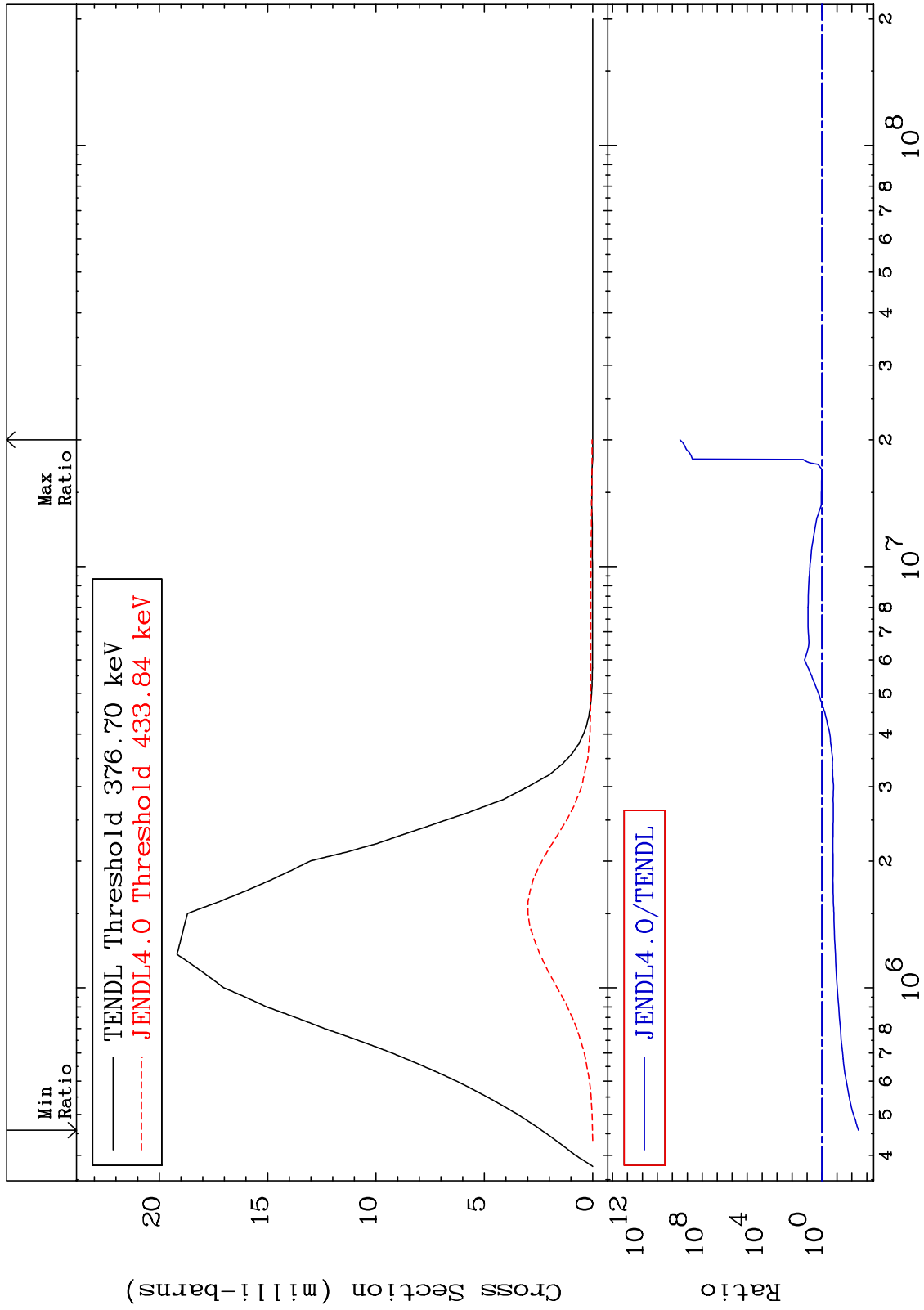
MAT 9234

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

92-U -237
9.975 To 9999. %



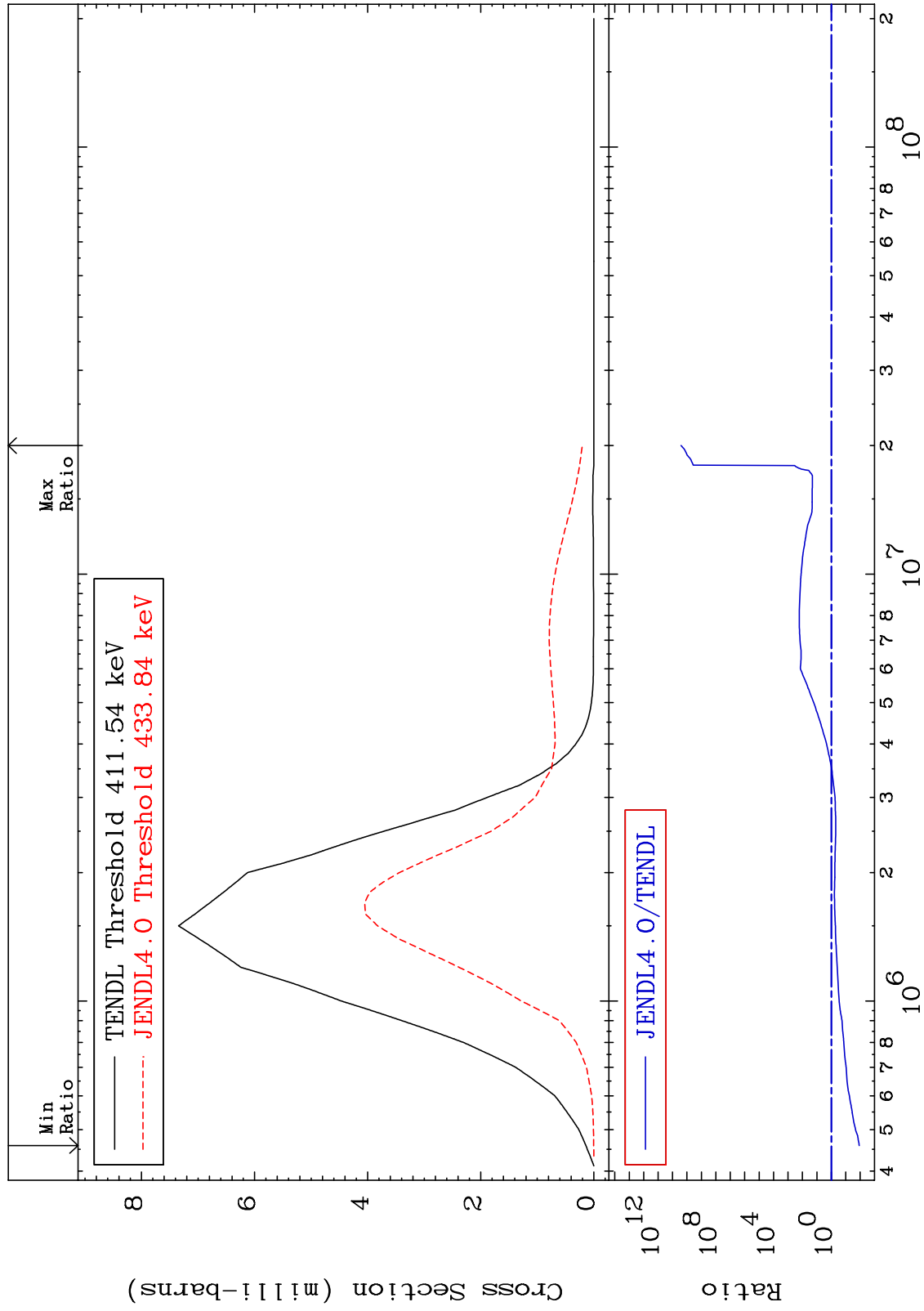
MAT 9234 MT= 64 (n,n') Level 92-U -237
 Cross Section -99.63 To 9999. %



MAT 9234

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

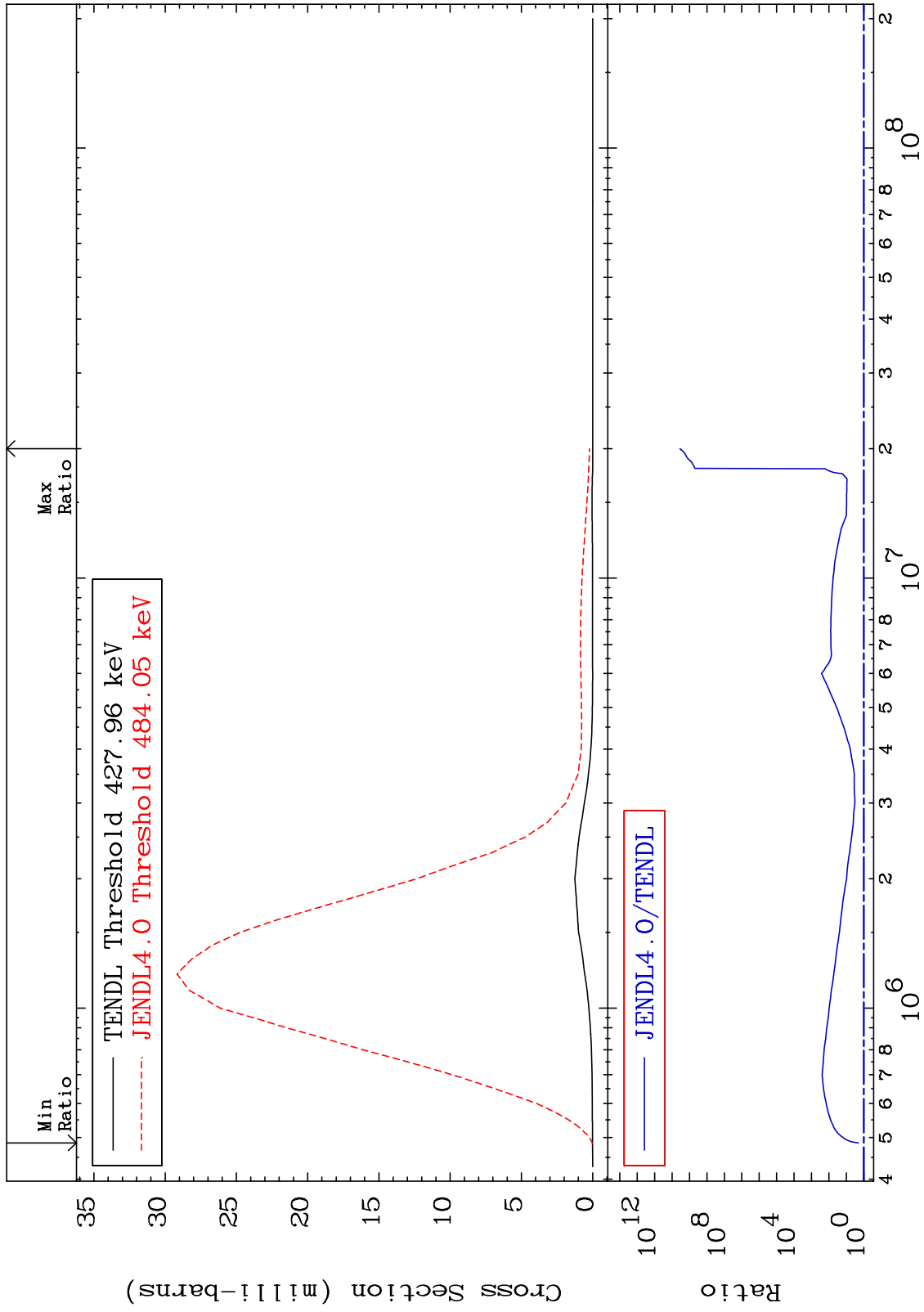
92-U -237
-98.85 To 9999. %



MAT 9234

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

92-U -237
103.4 To 9999. %



27

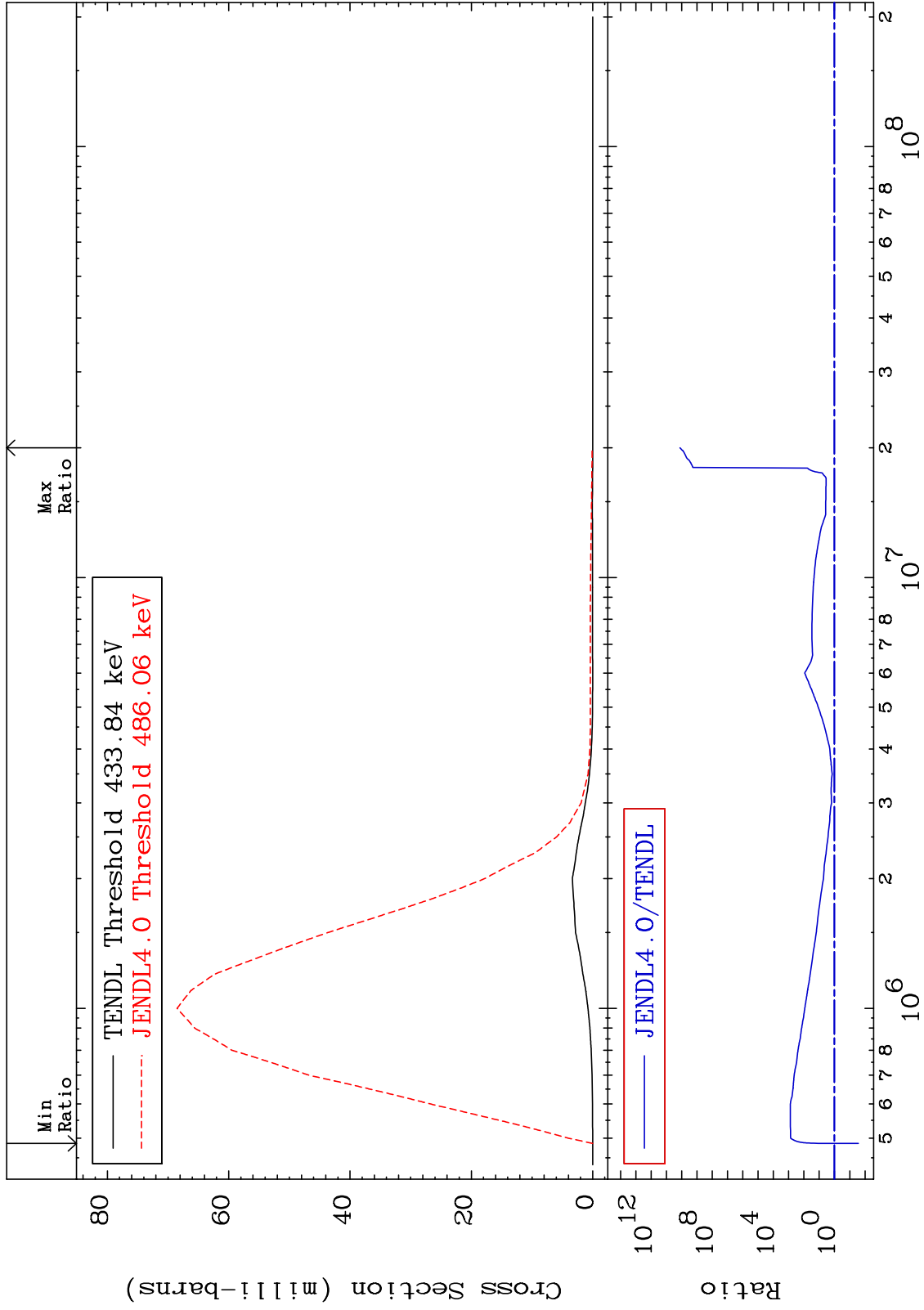
Incident Energy (eV)

92-U -237

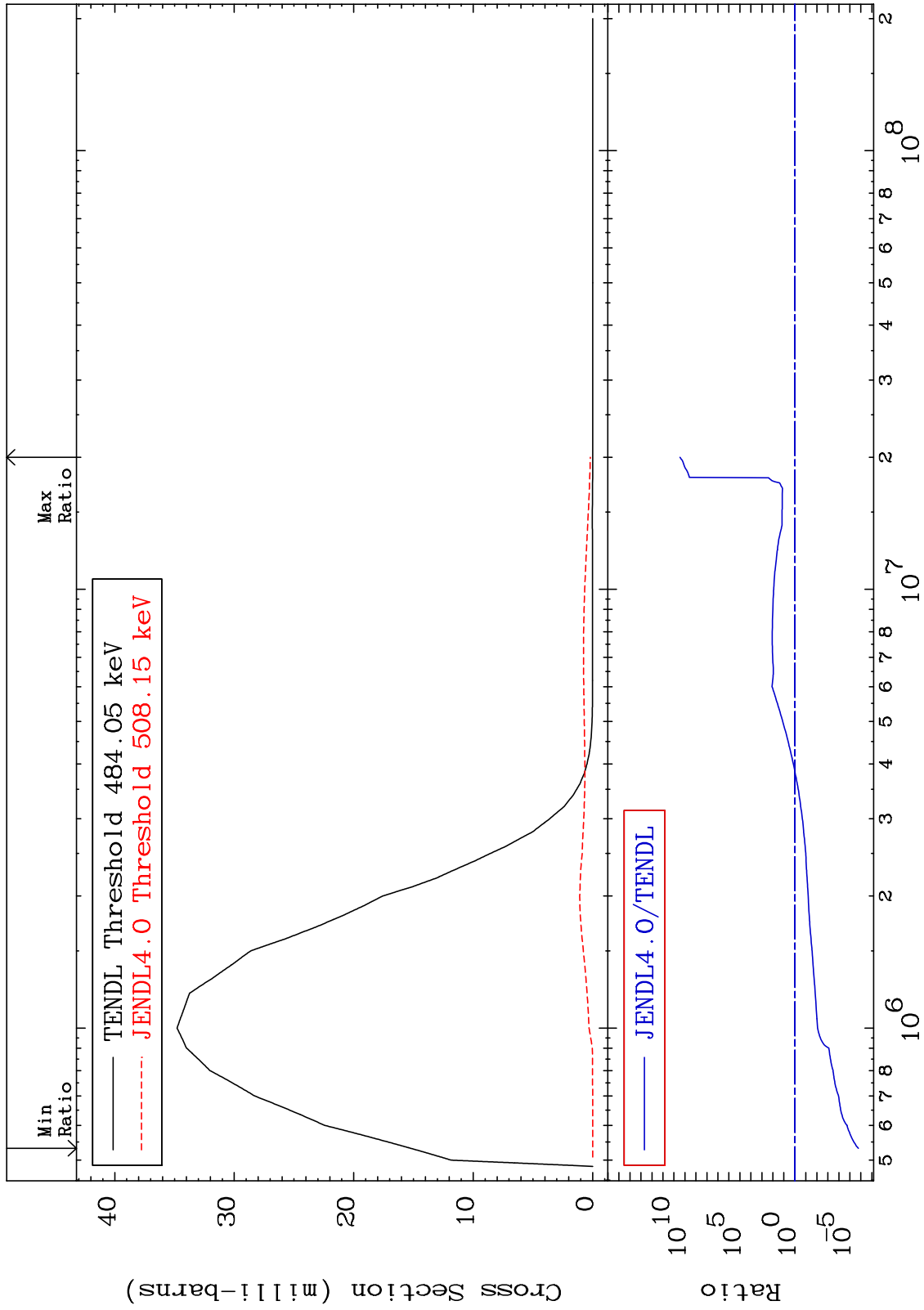
MAT 9234

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

92-U -237
-97.29 To 9999. %



MAT 9234 MT= 68 (n,n') Level 92-U -237
 Cross Section -100.0 To 9999. %

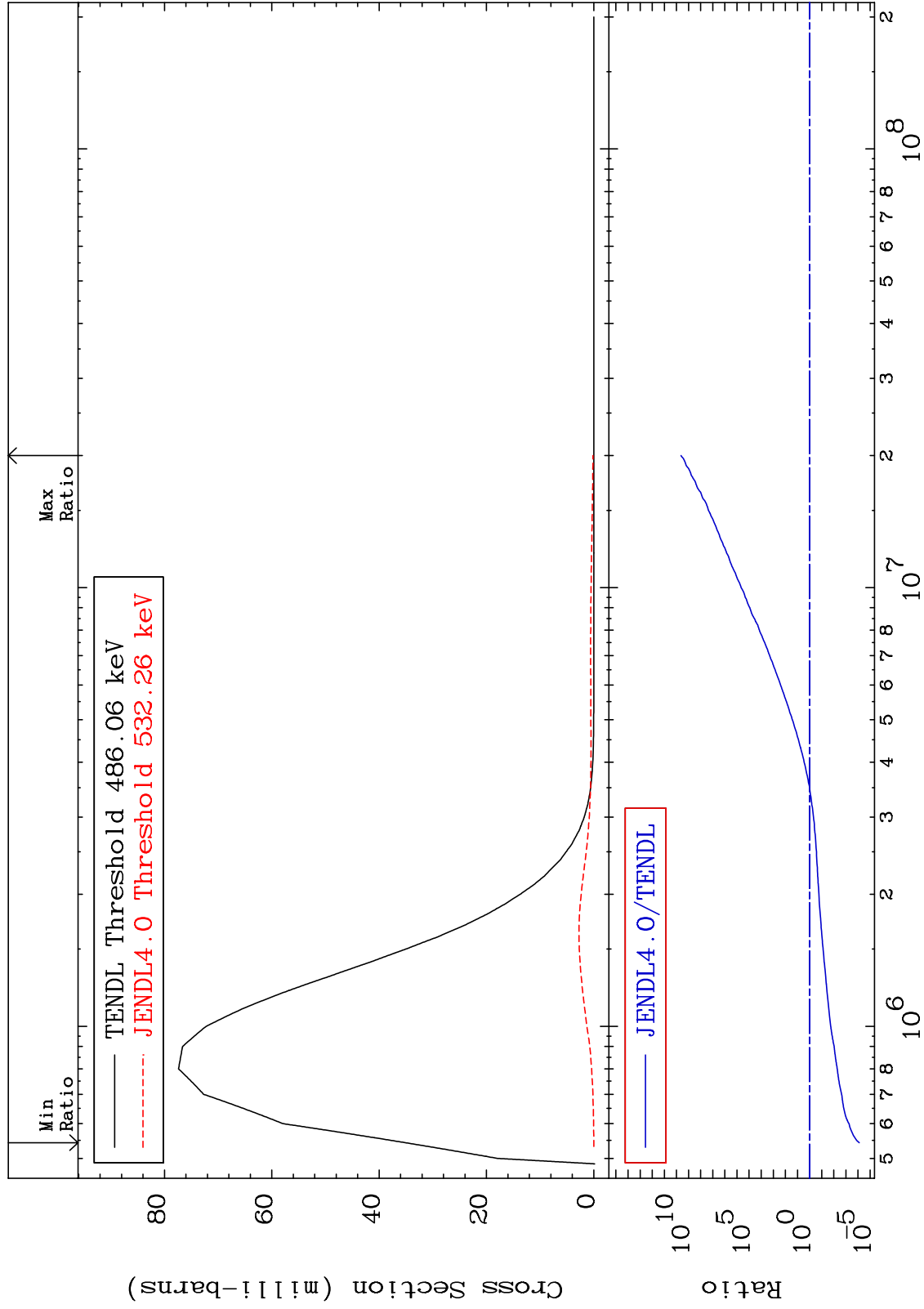


29 Incident Energy (eV) 92-U -237

MAT 9234

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

92-U -237
-99.99 To 9999. %



30

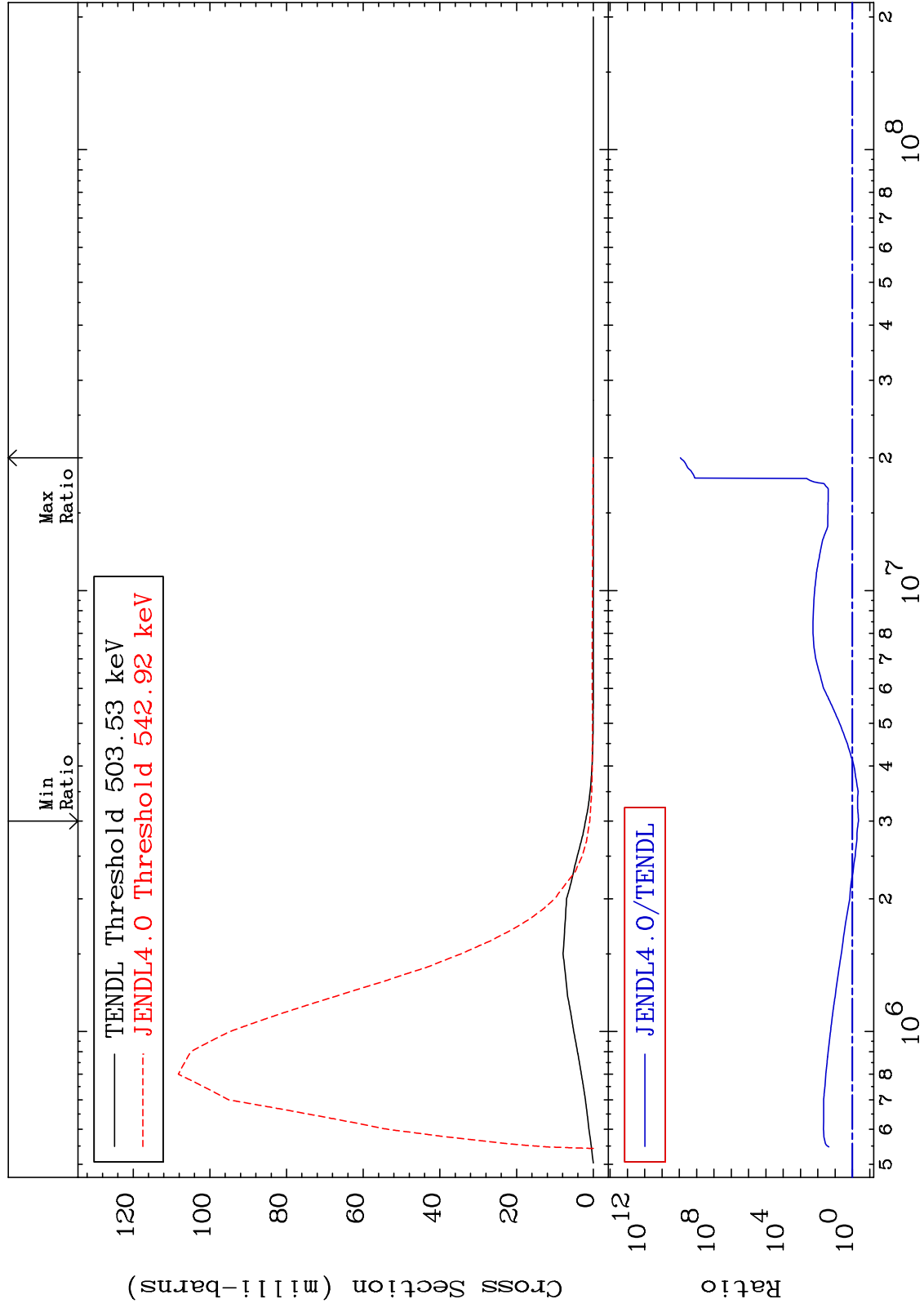
Incident Energy (eV)

92-U -237

MAT 9234

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

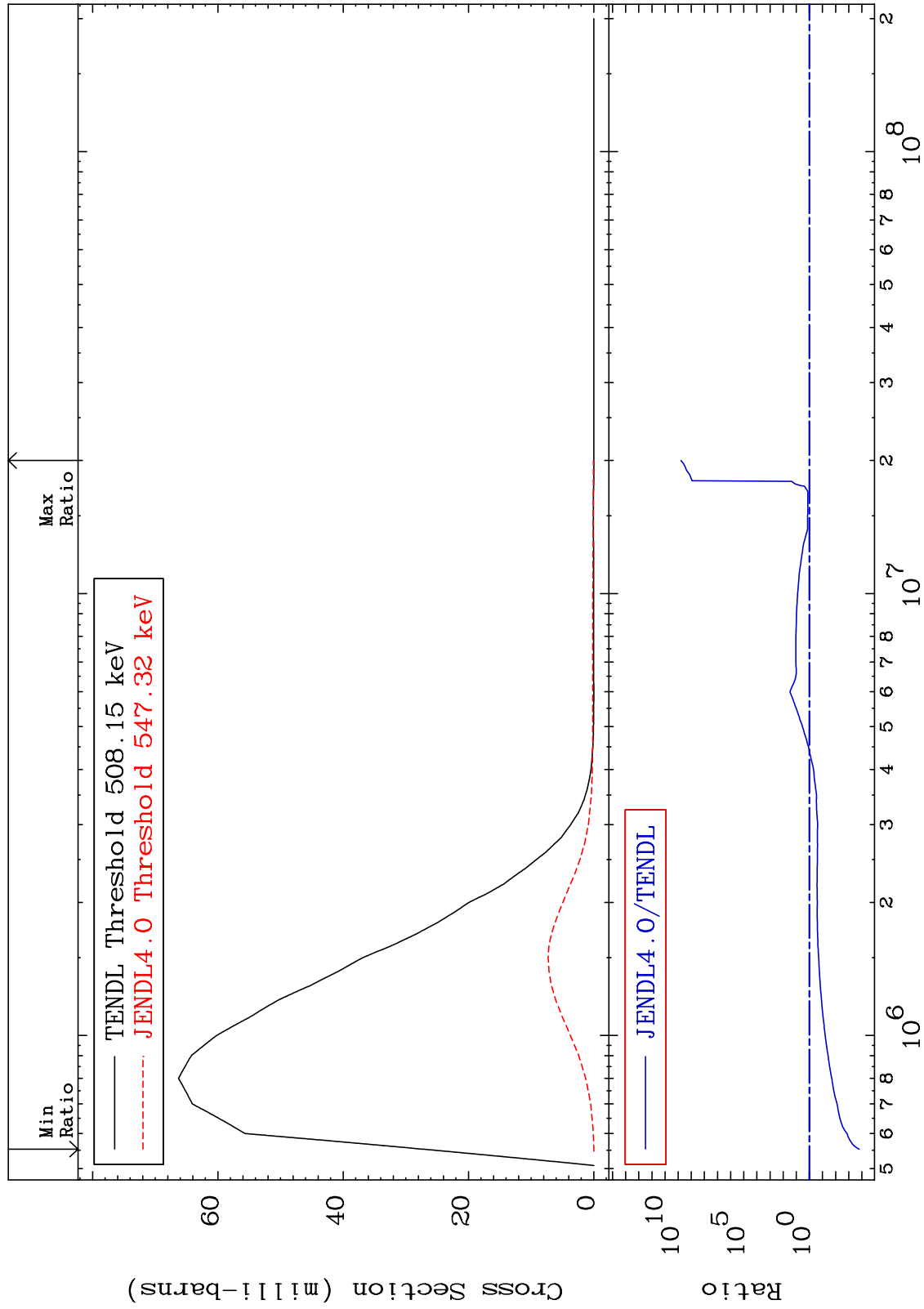
92-U -237
-55.22 To 9999. %



MAT 9234

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

92-U -237
-99.98 To 9999. %



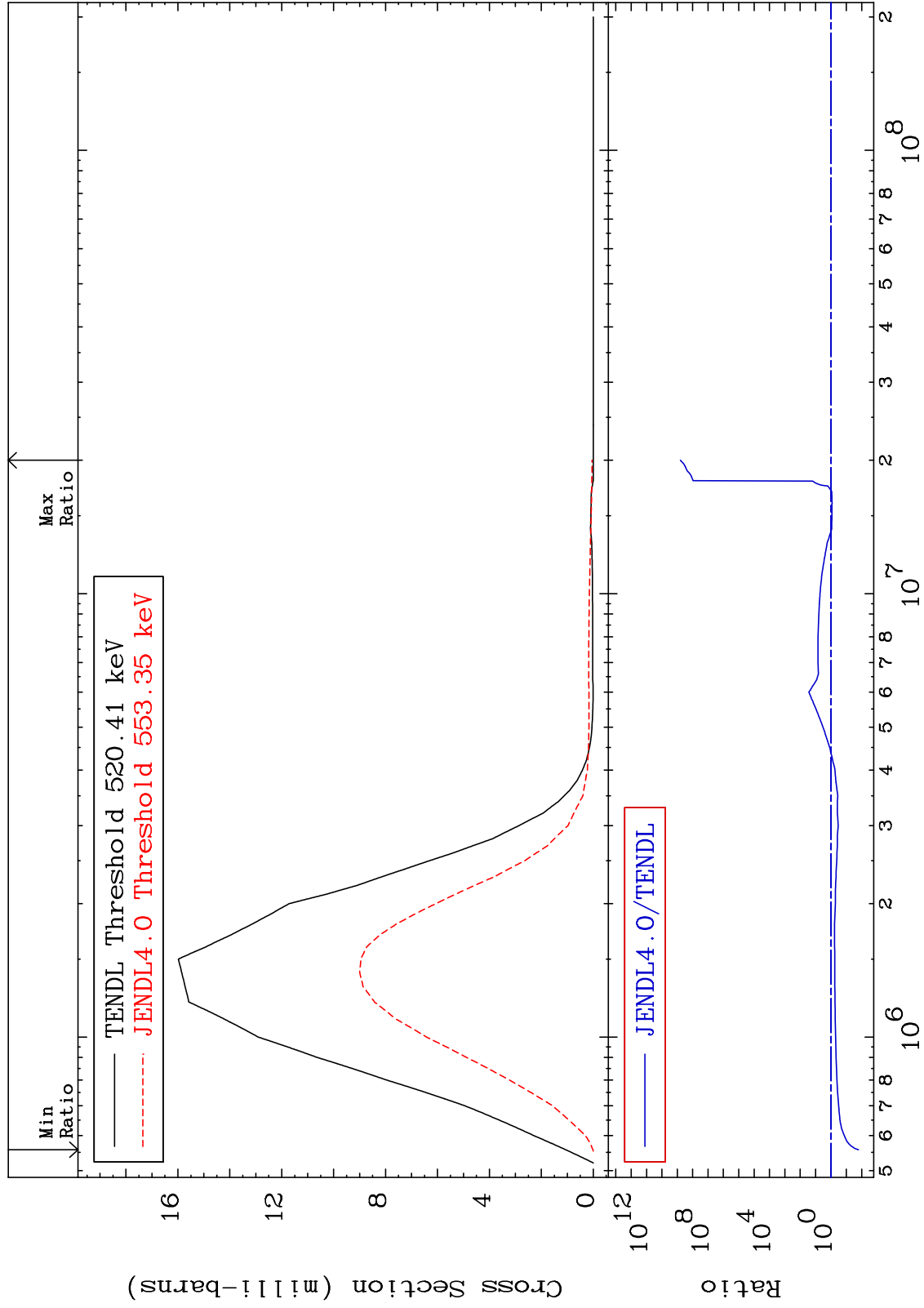
32

92-U -237

MAT 9234

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

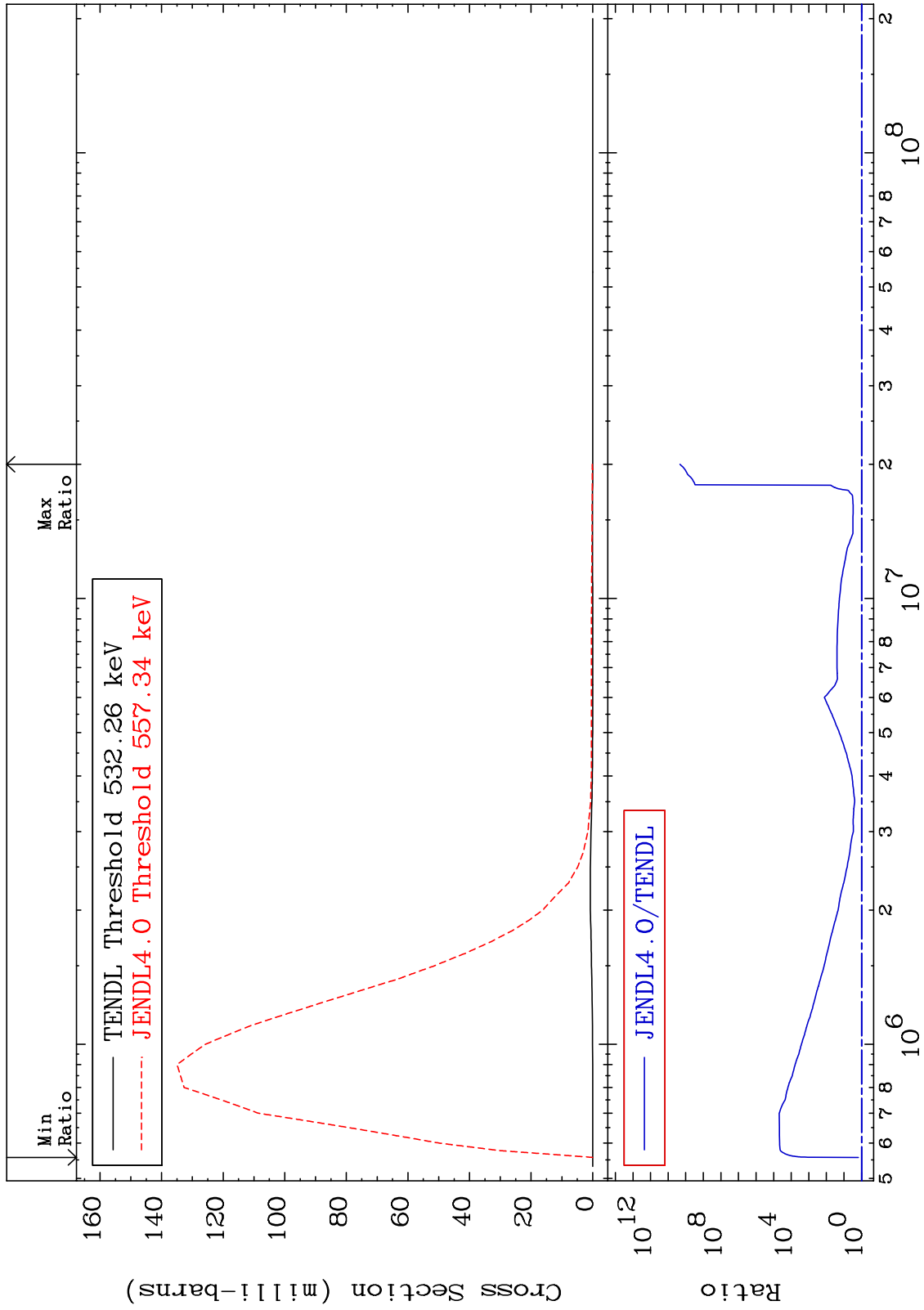
92-U -237
-98.39 To 9999. %



MAT 9234

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

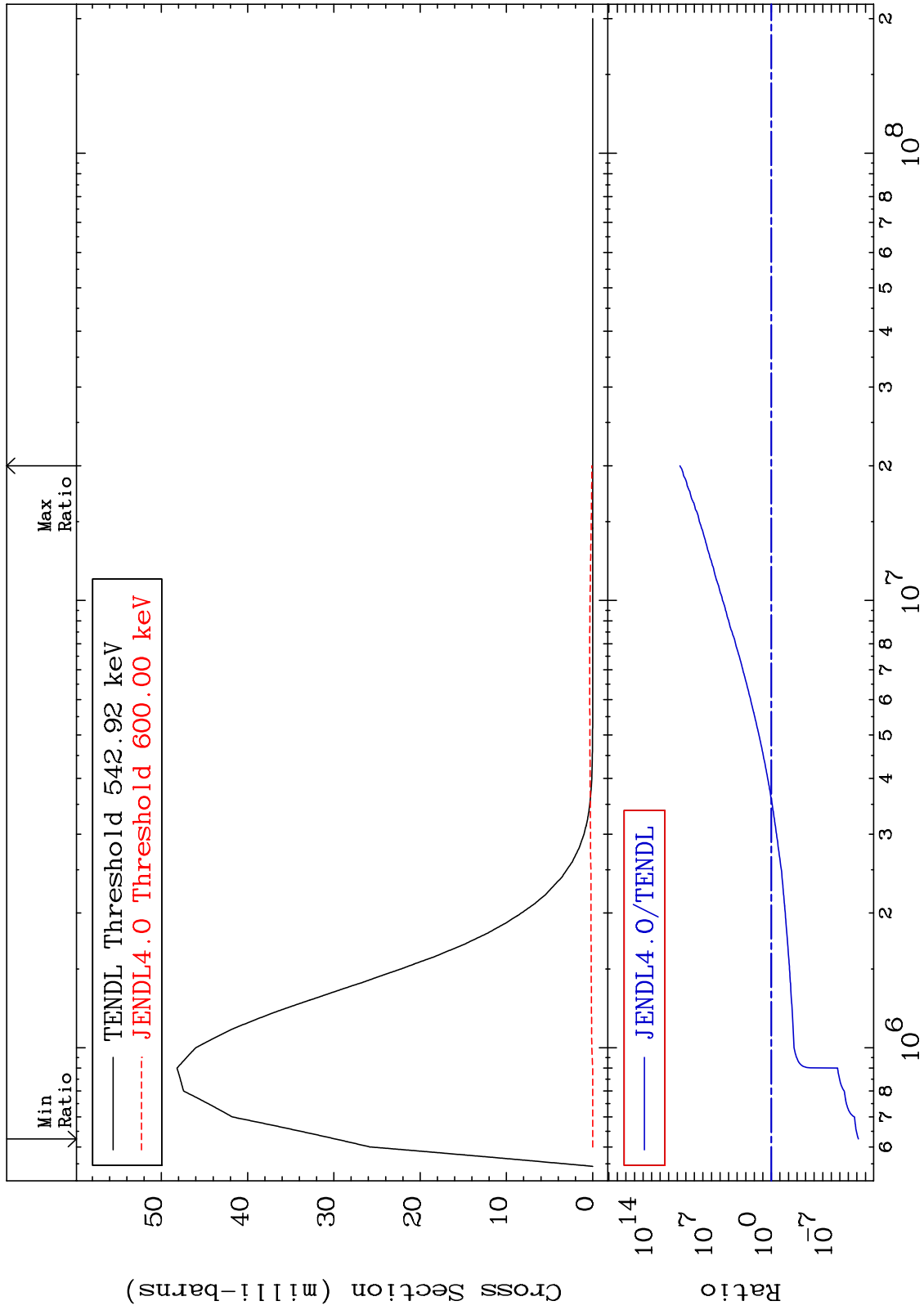
92-U -237
51.31 To 9999. %



MAT 9234

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

92-U -237
-100.0 To 9999. %



35

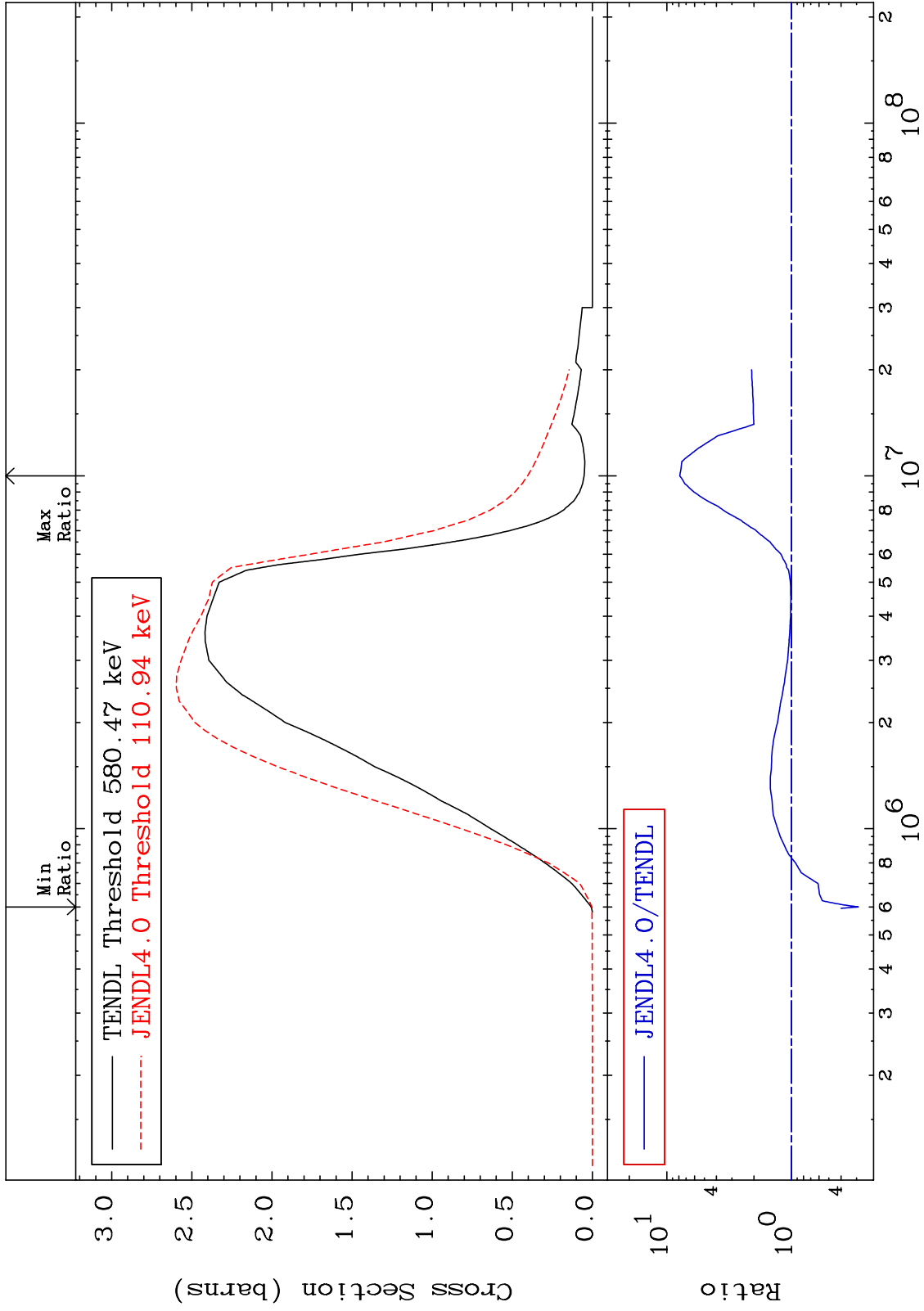
Incident Energy (eV)

92-U -237

MAT 9234

(n, n') Continuum
Cross Section

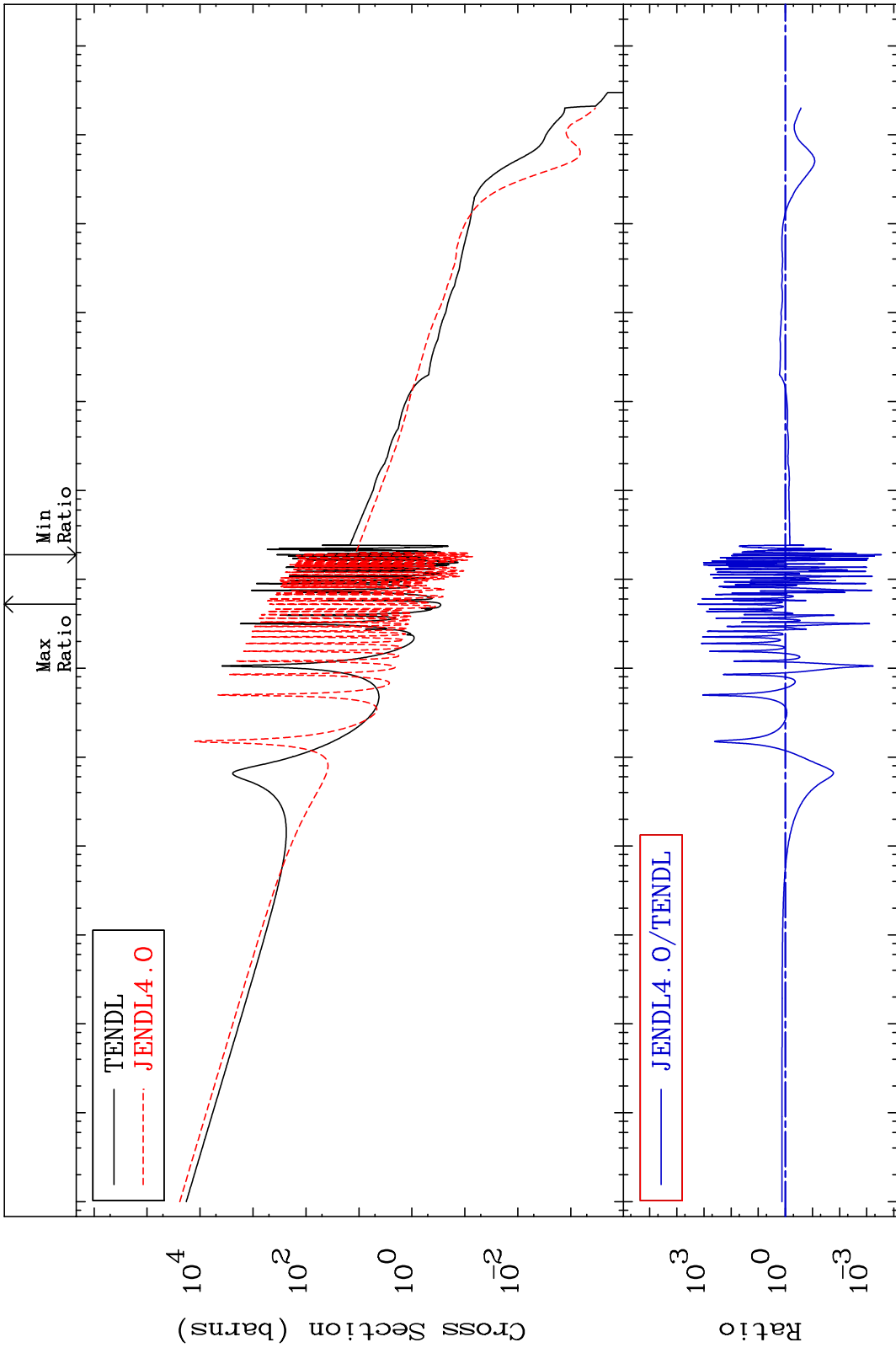
92-U -237
-70.97 To 687.0 %



MAT 9234

(n, γ)
Cross Section

92-U -237
-99.97 To 9999. %



37

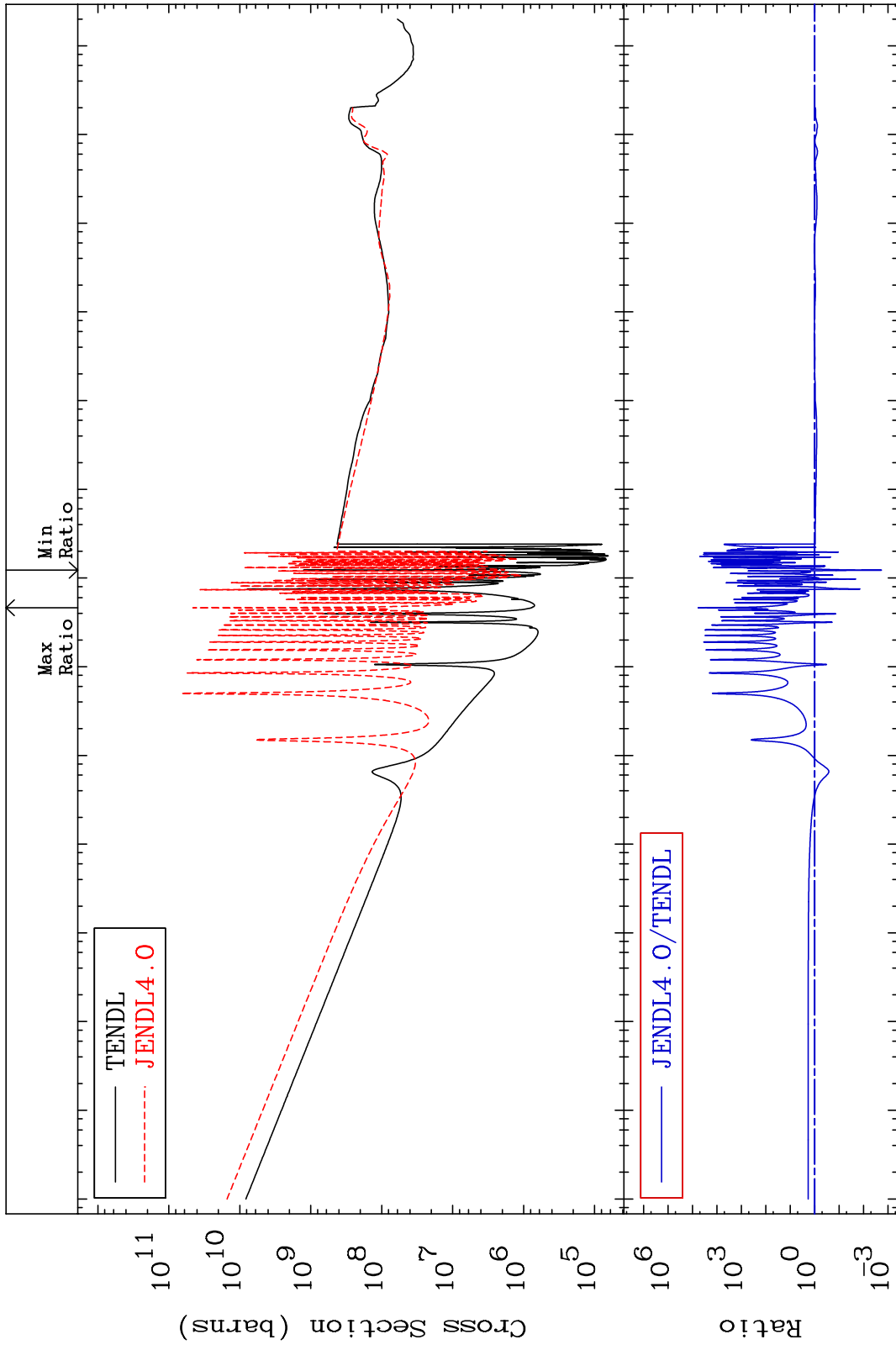
Incident Energy (eV)

92-U -237

MAT 9234

Kerma total (eV-barns)
Cross Section

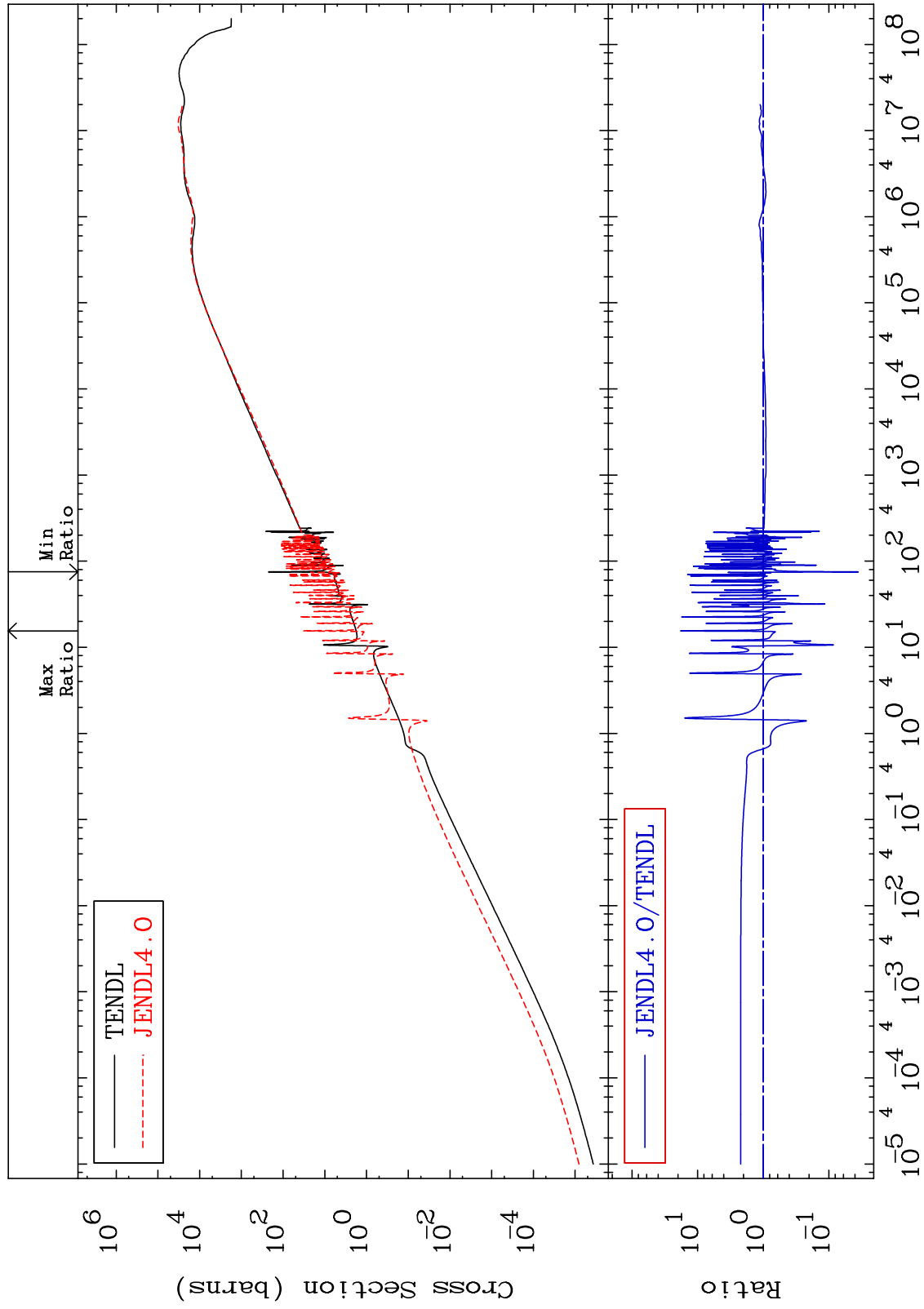
92-U -237
-99.82 To 9999. %



MAT 9234

Kerma elastic
Cross Section

92-U -237
-96.47 To 1728. %



39

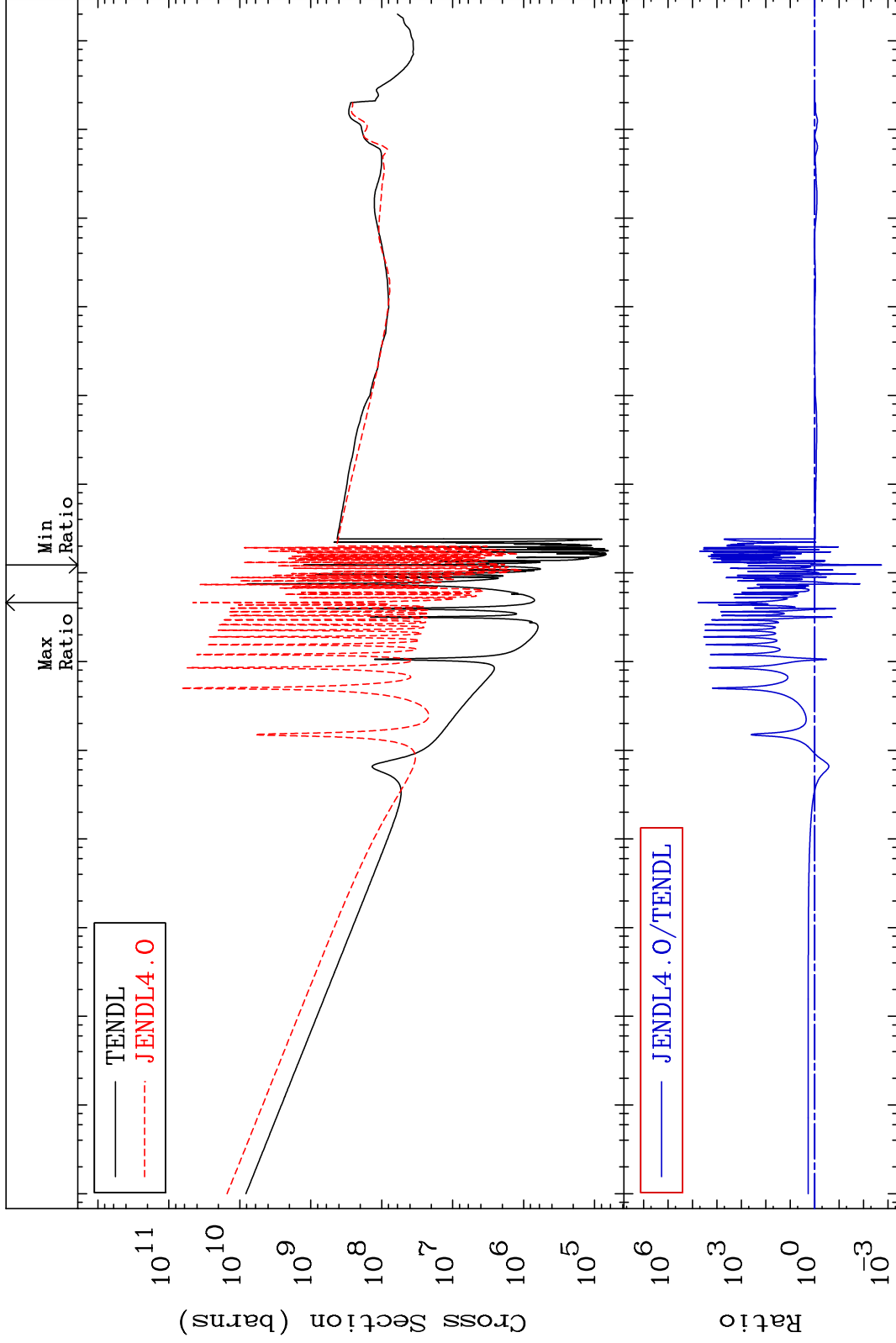
Incident Energy (eV)

92-U -237

MAT 9234

Kerma non-elastic (all but mt2)
Cross Section

92-U -237
-99.82 To 9999. %



40

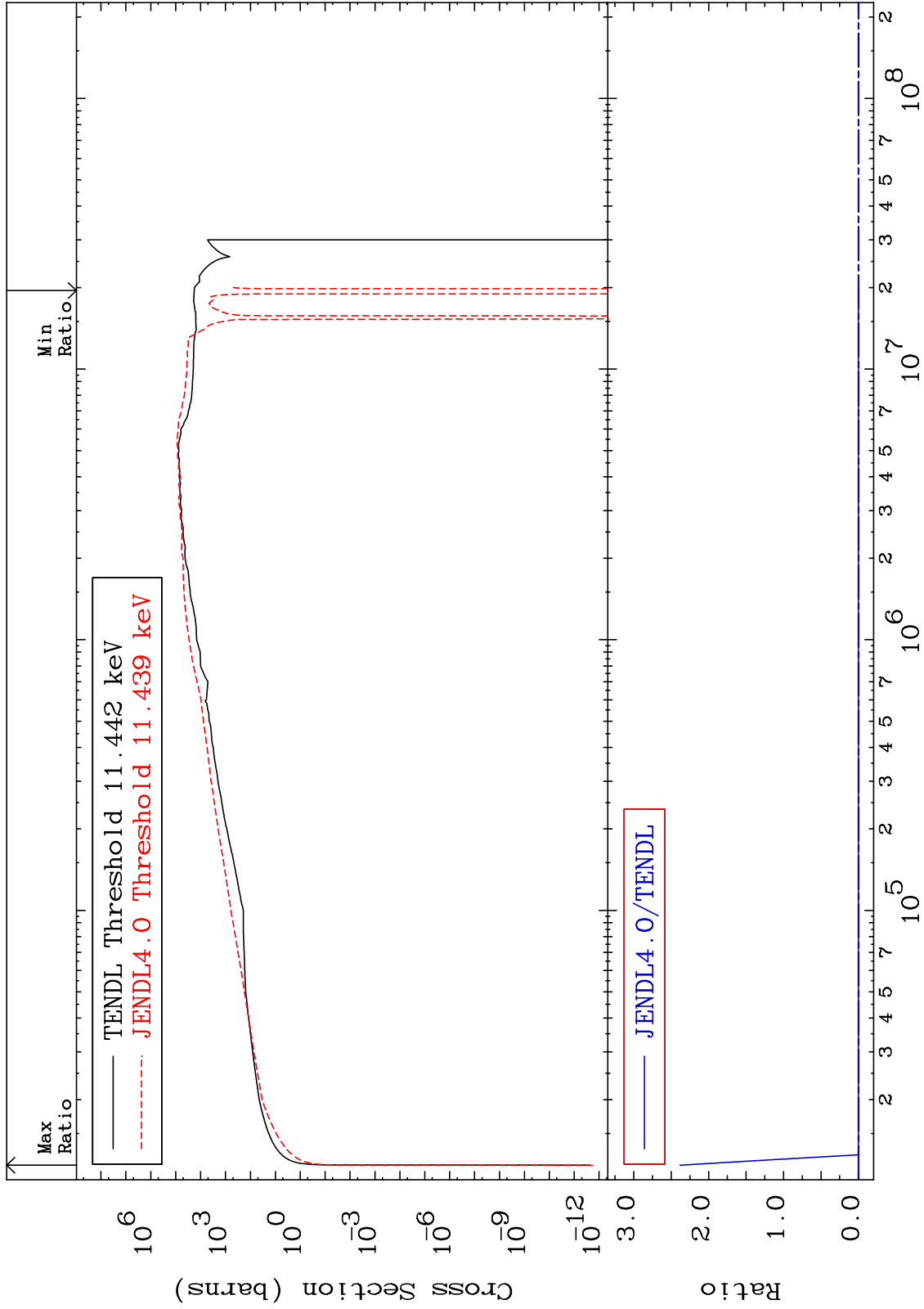
Incident Energy (eV)

92-U -237

MAT 9234

Kerma inelastic (mt51-91)
Cross Section

92-U -237
-104.2 To 9999. %



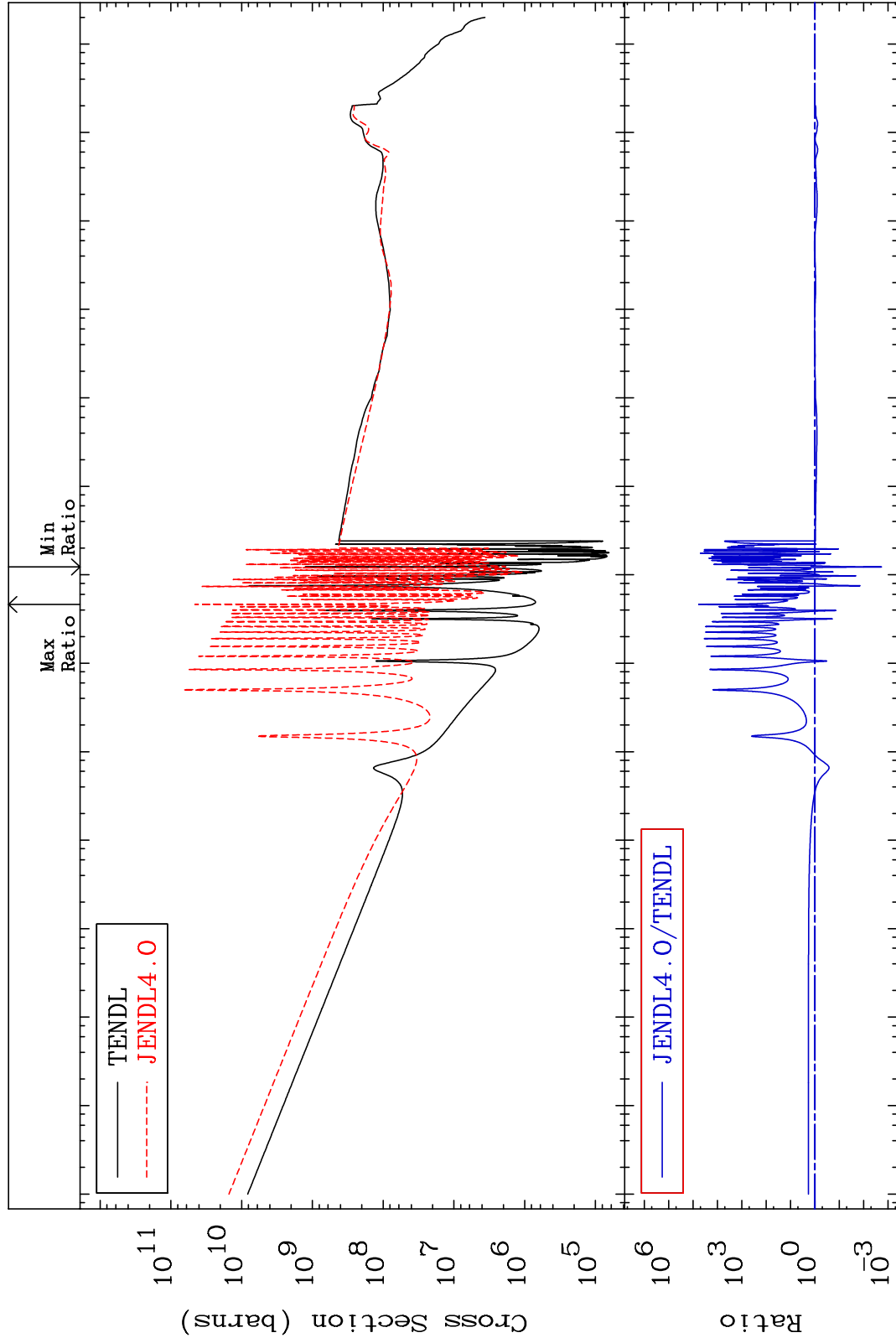
MAT 9234

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

92-U -237

-99.82 To 9999. %

Cross Section



42

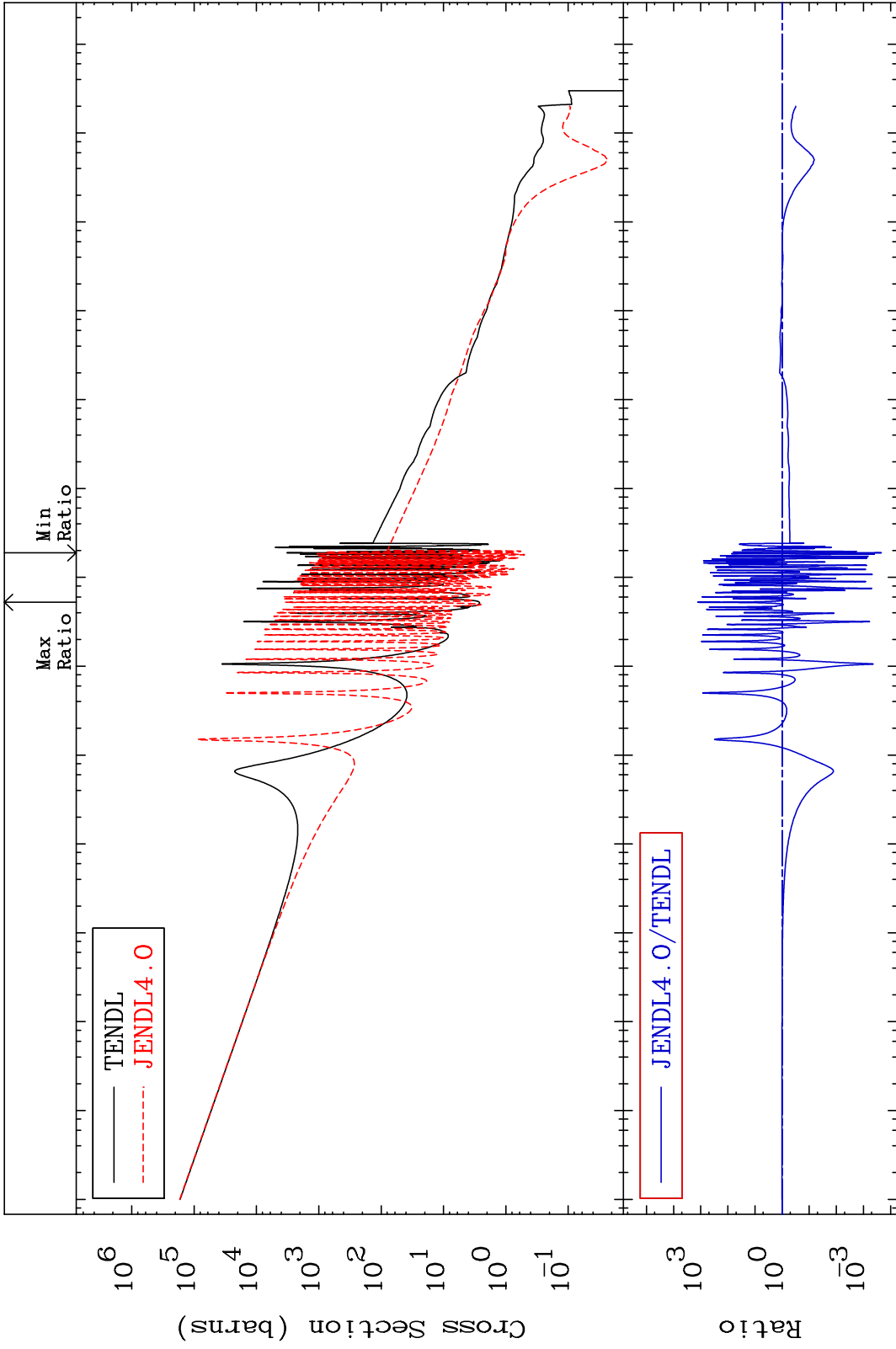
Incident Energy (eV)

92-U -237

MAT 9234

Kerma capture (mt102)
Cross Section

92-U -237
-99.98 To 9999. %



43

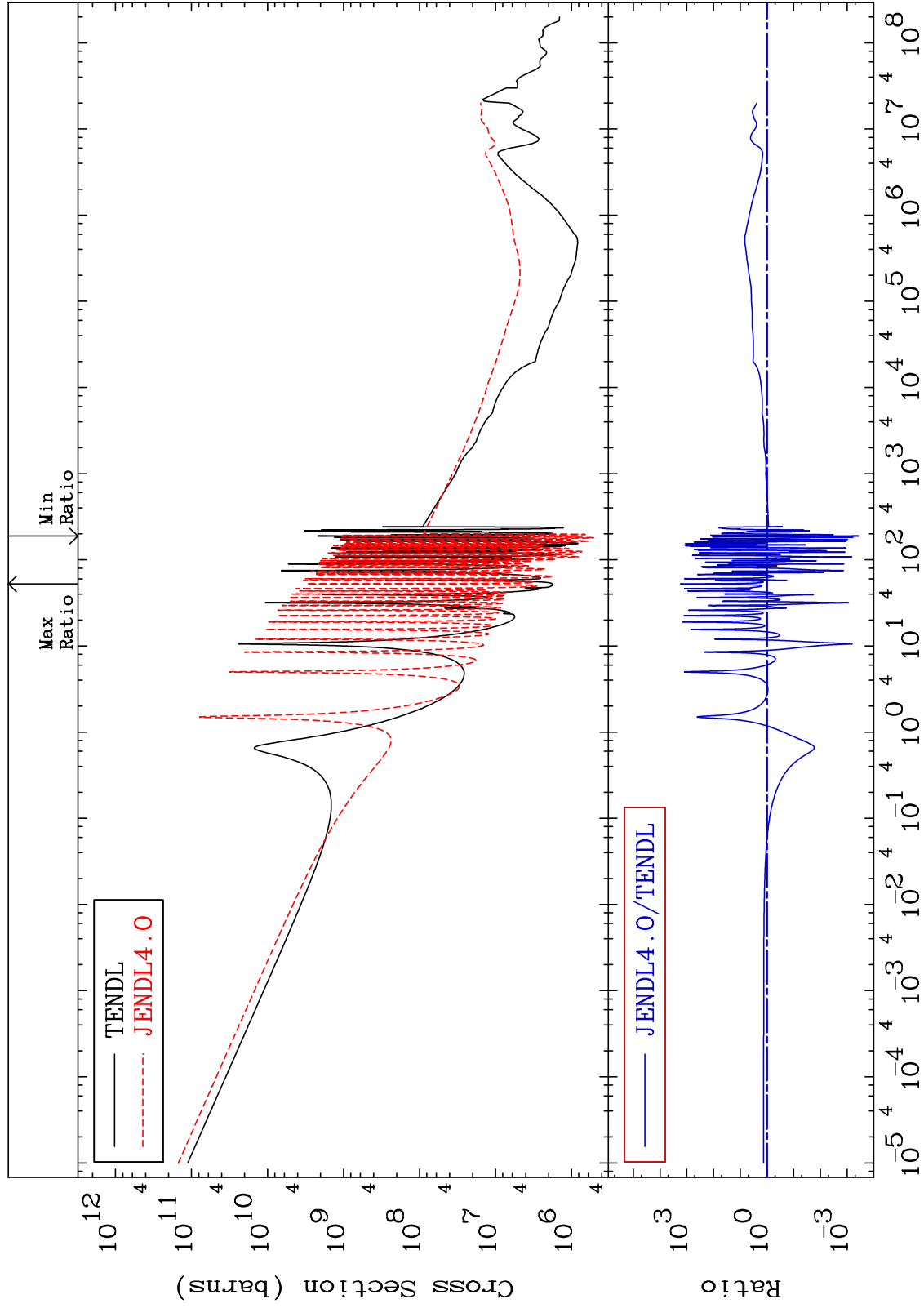
Incident Energy (eV)

92-U -237

MAT 9234

Total photon (eV-barns)
Cross Section

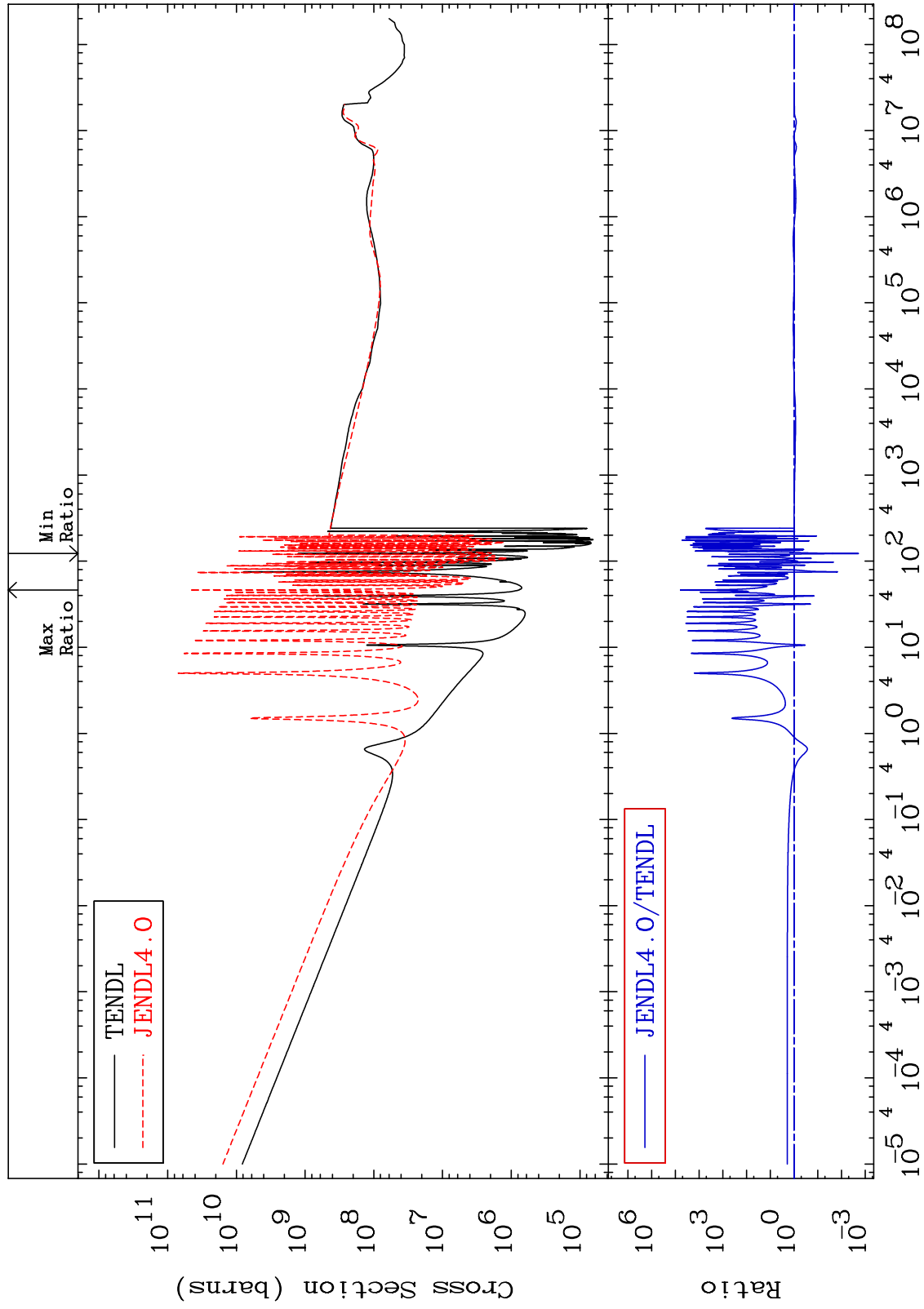
92-U -237
-99.96 To 9999. %



MAT 9234

Total kinematic kerma (high limit)
Cross Section

92-U -237
-99.81 To 9999. %



45

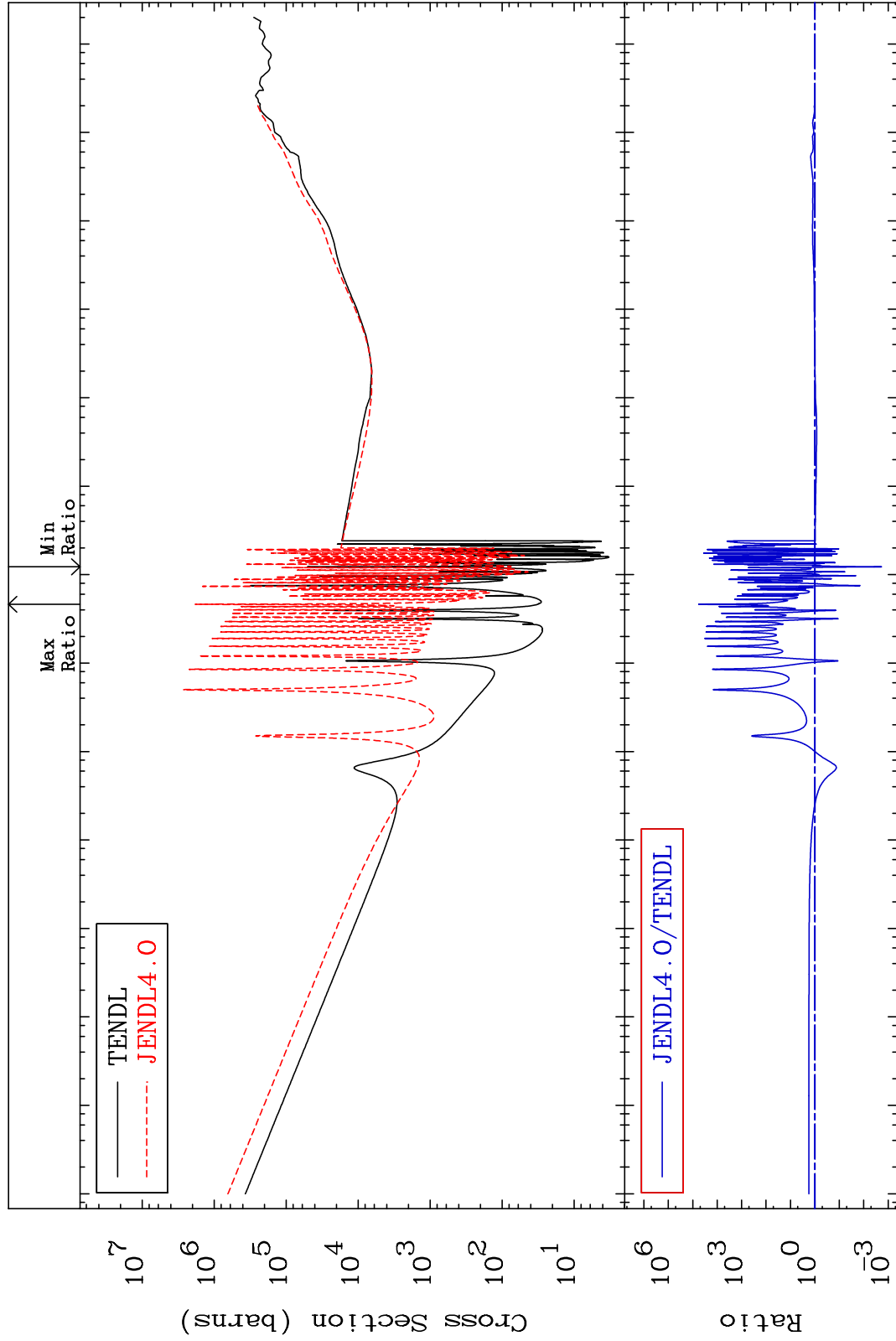
Incident Energy (eV)

92-U -237

MAT 9234

Dpa total (eV-barns)

92-U -237
-99.81 To 9999. %



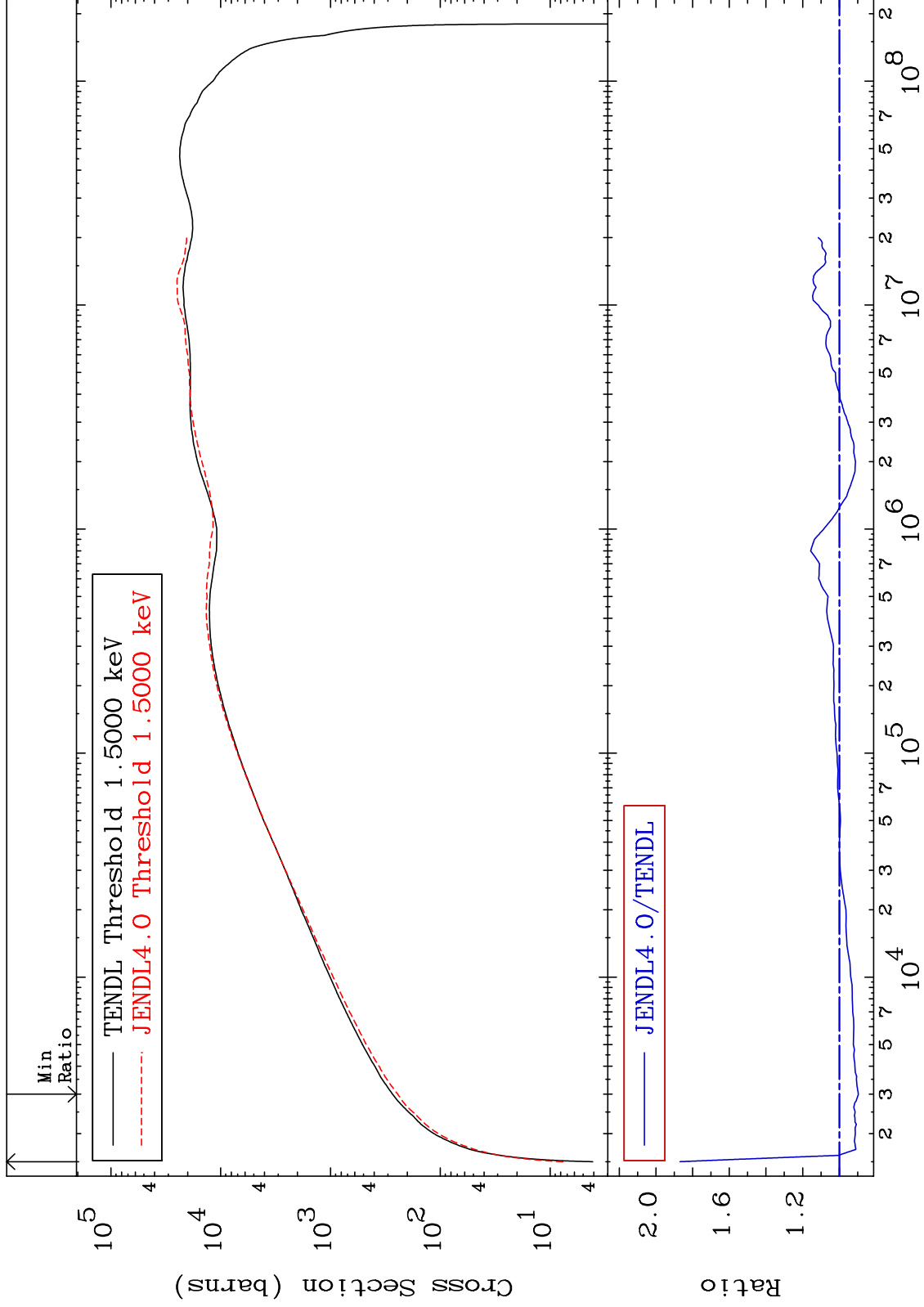
Incident Energy (eV)

92-U -237

MAT 9234

Dpa elastic (mt2)
Cross Section

92-U -237
-10.40 To 86.86 %



47

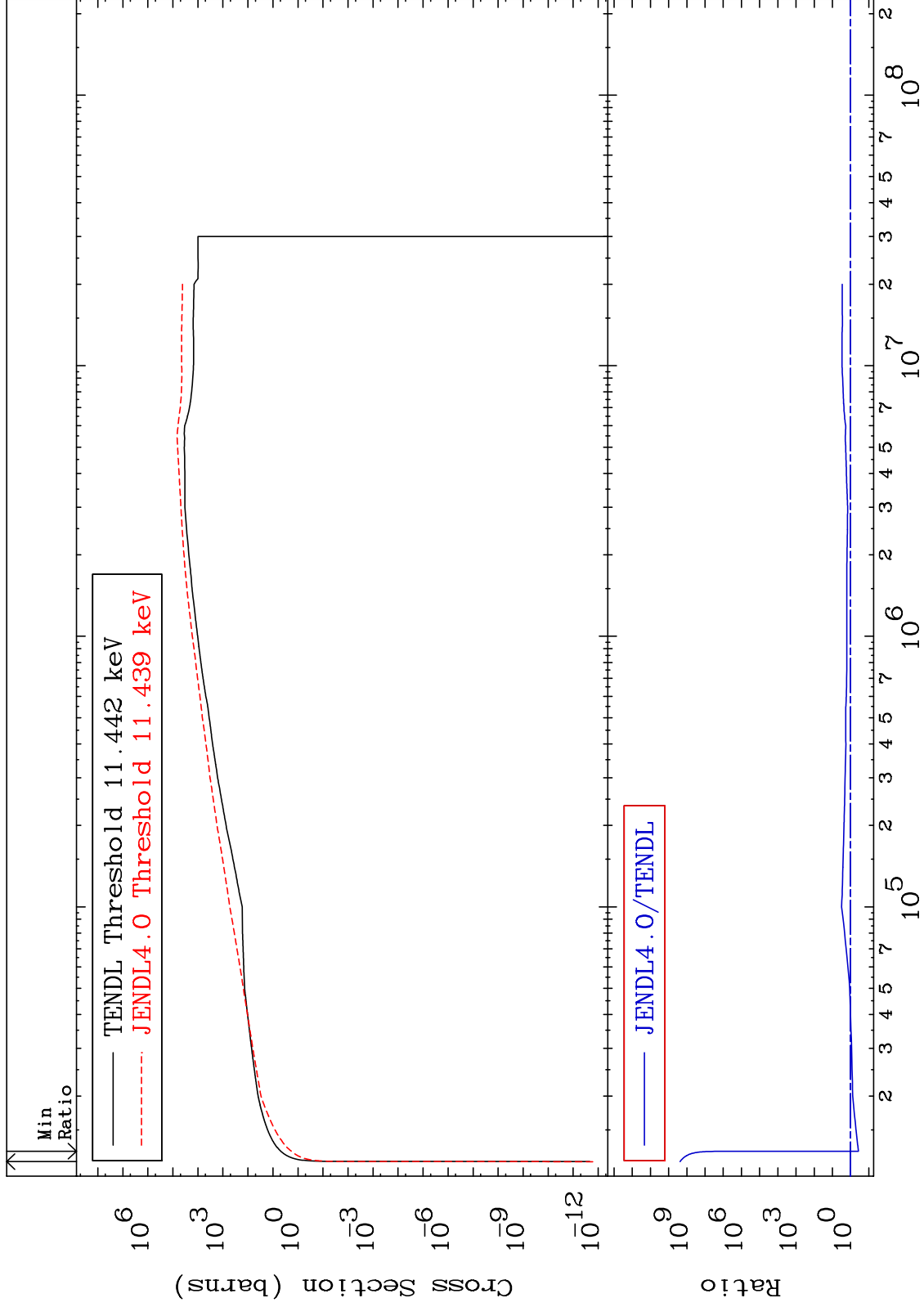
Incident Energy (eV)

92-U -237

MAT 9234

Dpa inelastic (mt51-91)
Cross Section

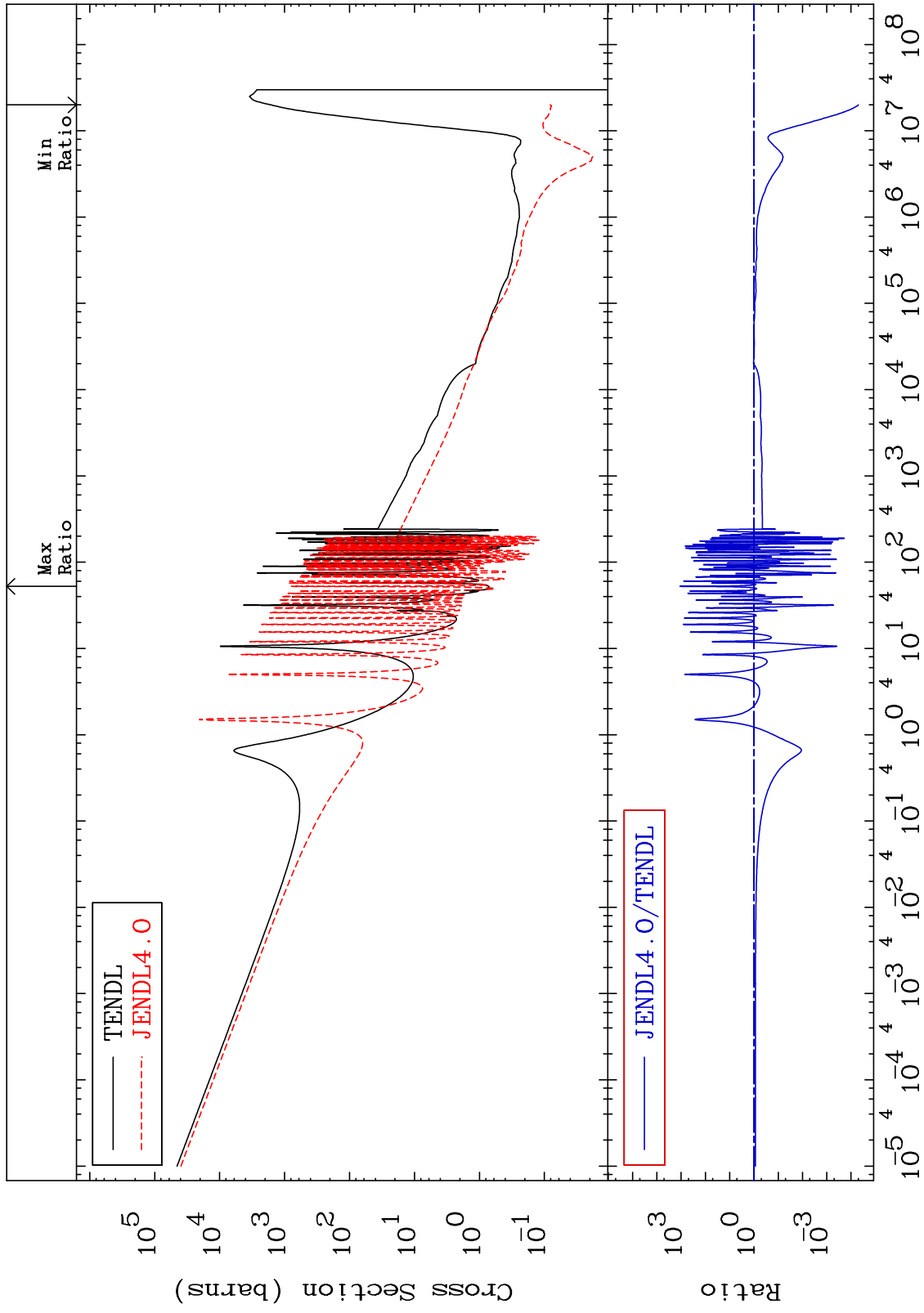
92-U -237
-62.71 To 9999. %



MAT 9234

Dpa disappearance (mt102 -120)
Cross Section

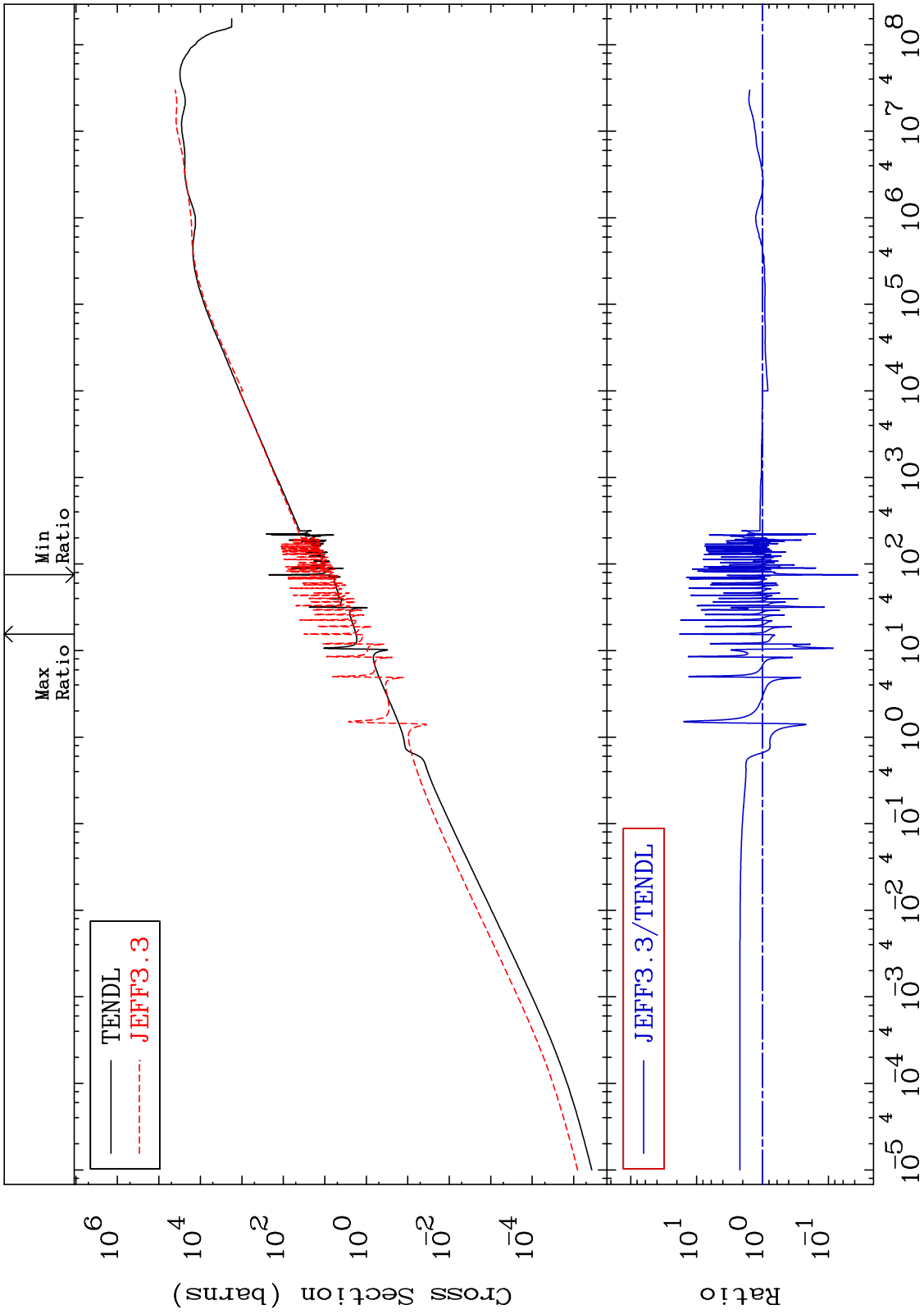
92-U -237
-100.0 To 9999. %



MAT 9234

Kerma elastic
Cross Section

92-U -237
-96.47 To 1728. %



50

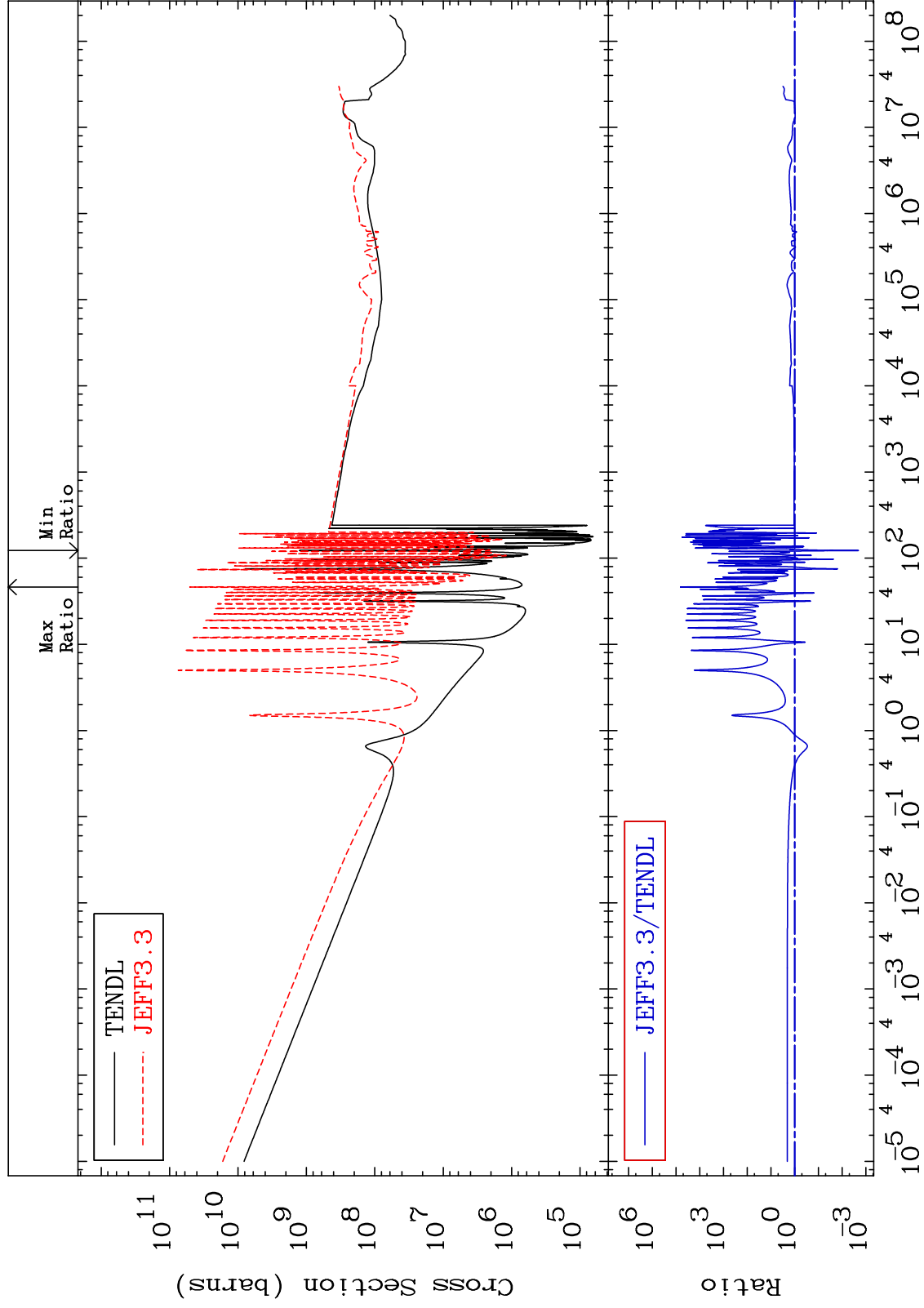
Incident Energy (eV)

92-U -237

MAT 9234

Kerma non-elastic (all but mt2)
Cross Section

92-U -237
-99.80 To 9999. %



51

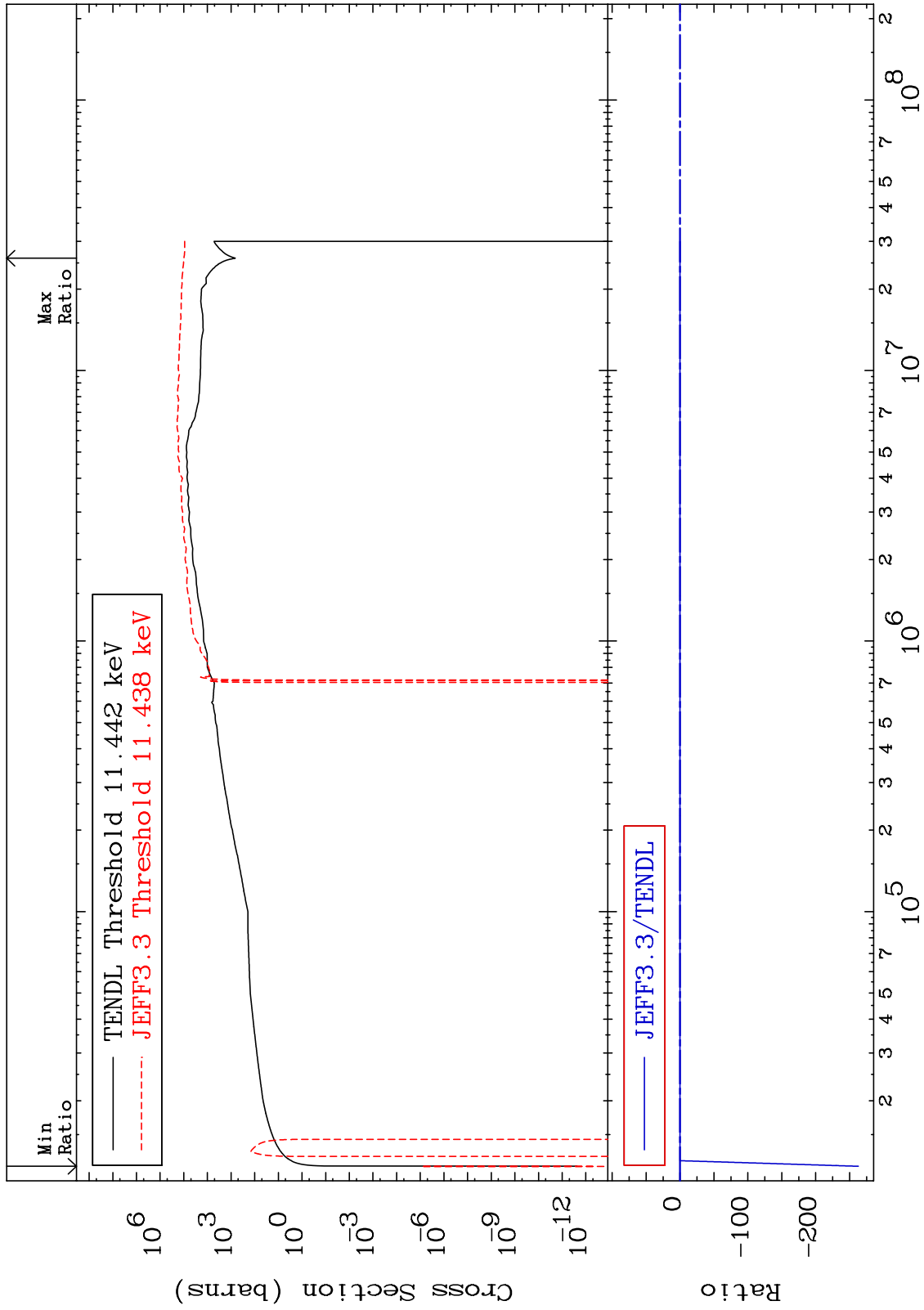
Incident Energy (eV)

92-U -237

MAT 9234

Kerma inelastic (mt51-91)
Cross Section

92-U -237
-9999. To 9999. %



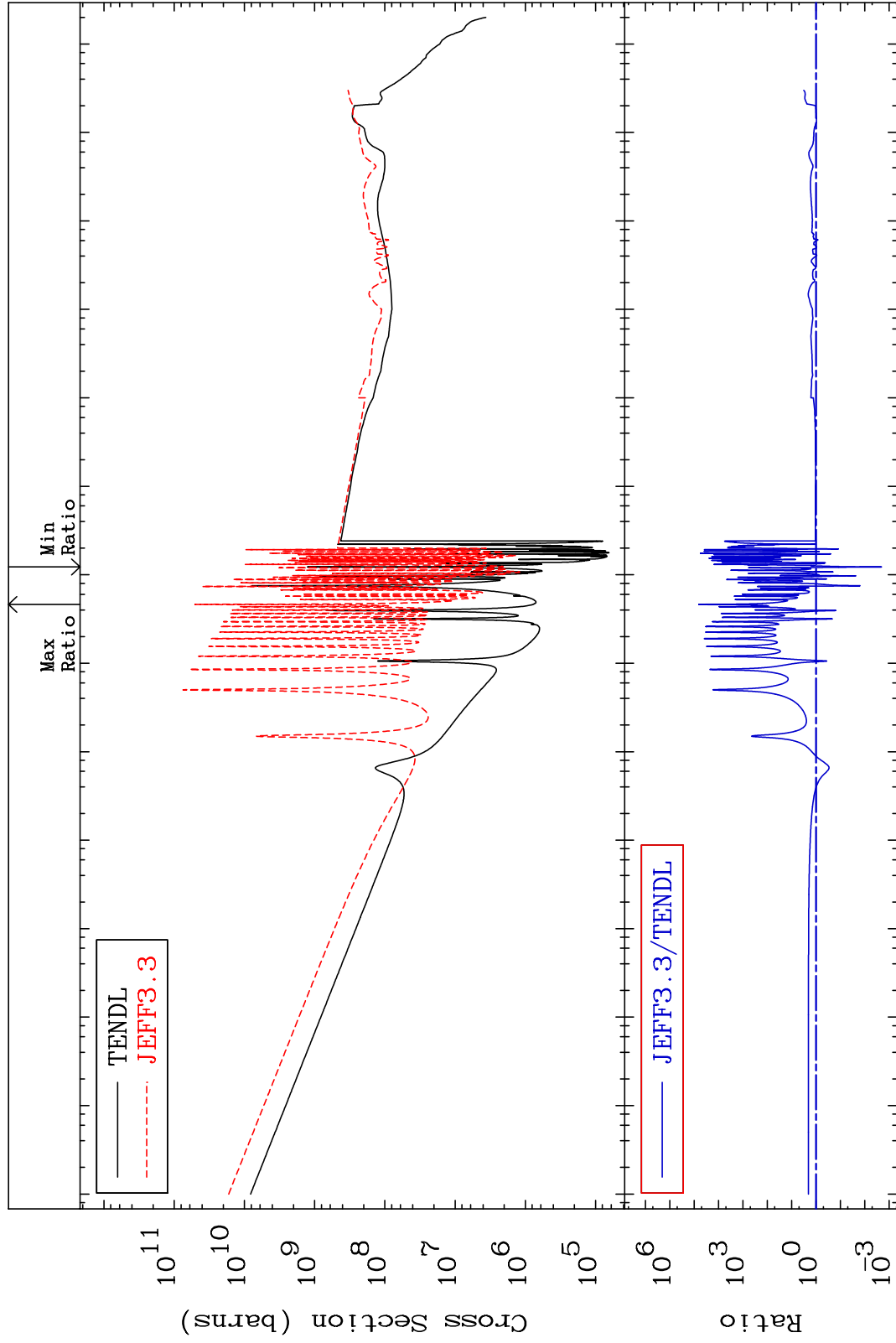
MAT 9234

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

92-U -237

-99.80 To 9999. %

Cross Section



53

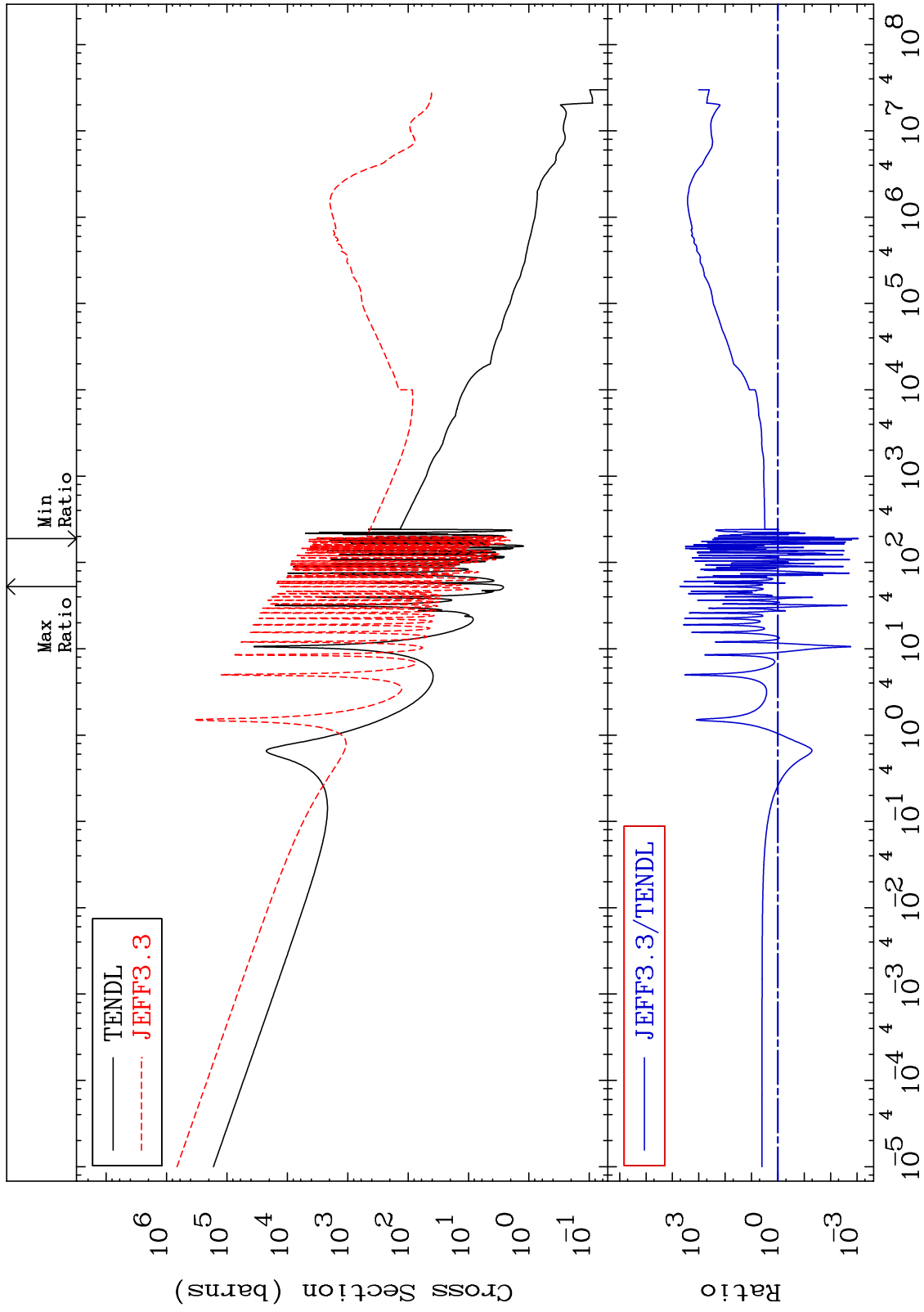
Incident Energy (eV)

92-U -237

MAT 9234

Kerma capture (mt102)
Cross Section

92-U -237
-99.91 To 9999. %



54

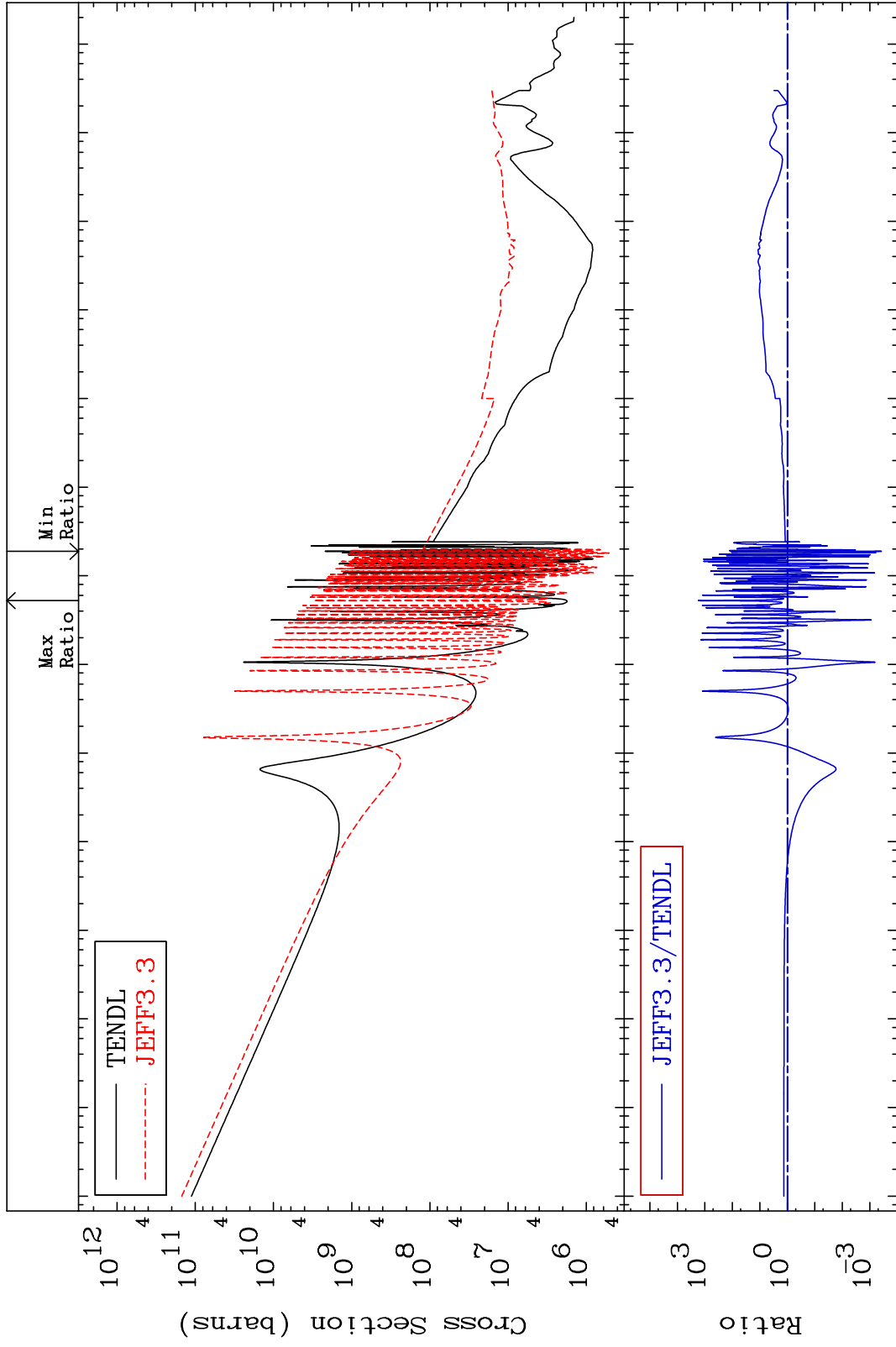
Incident Energy (eV)

92-U -237

MAT 9234

Total photon (eV-barns)
Cross Section

92-U -237
-99.96 To 9999. %

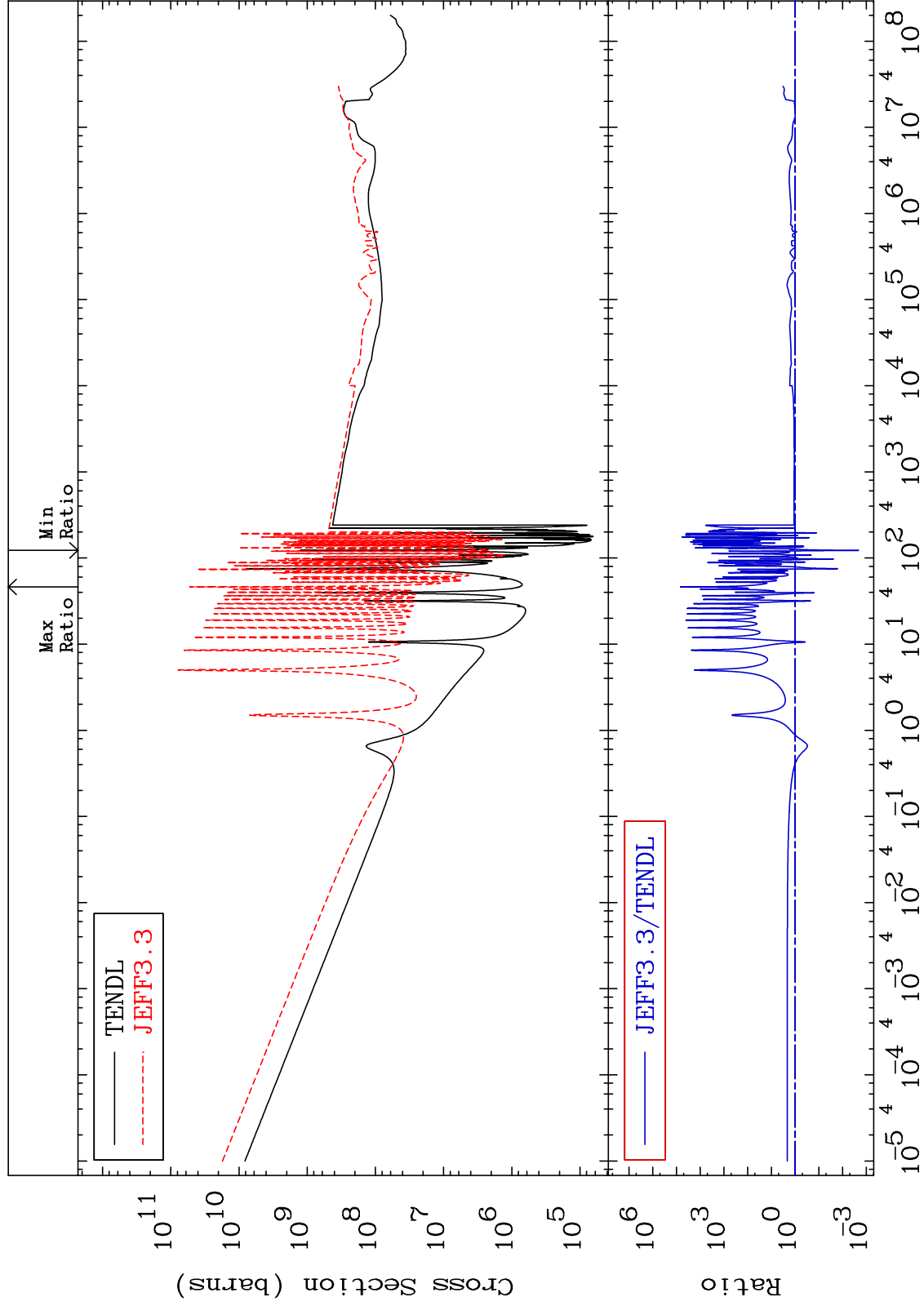


Incident Energy (eV) 92-U -237

MAT 9234

Total kinematic kerma (high limit)
Cross Section

92-U -237
-99.79 To 9999. %



56

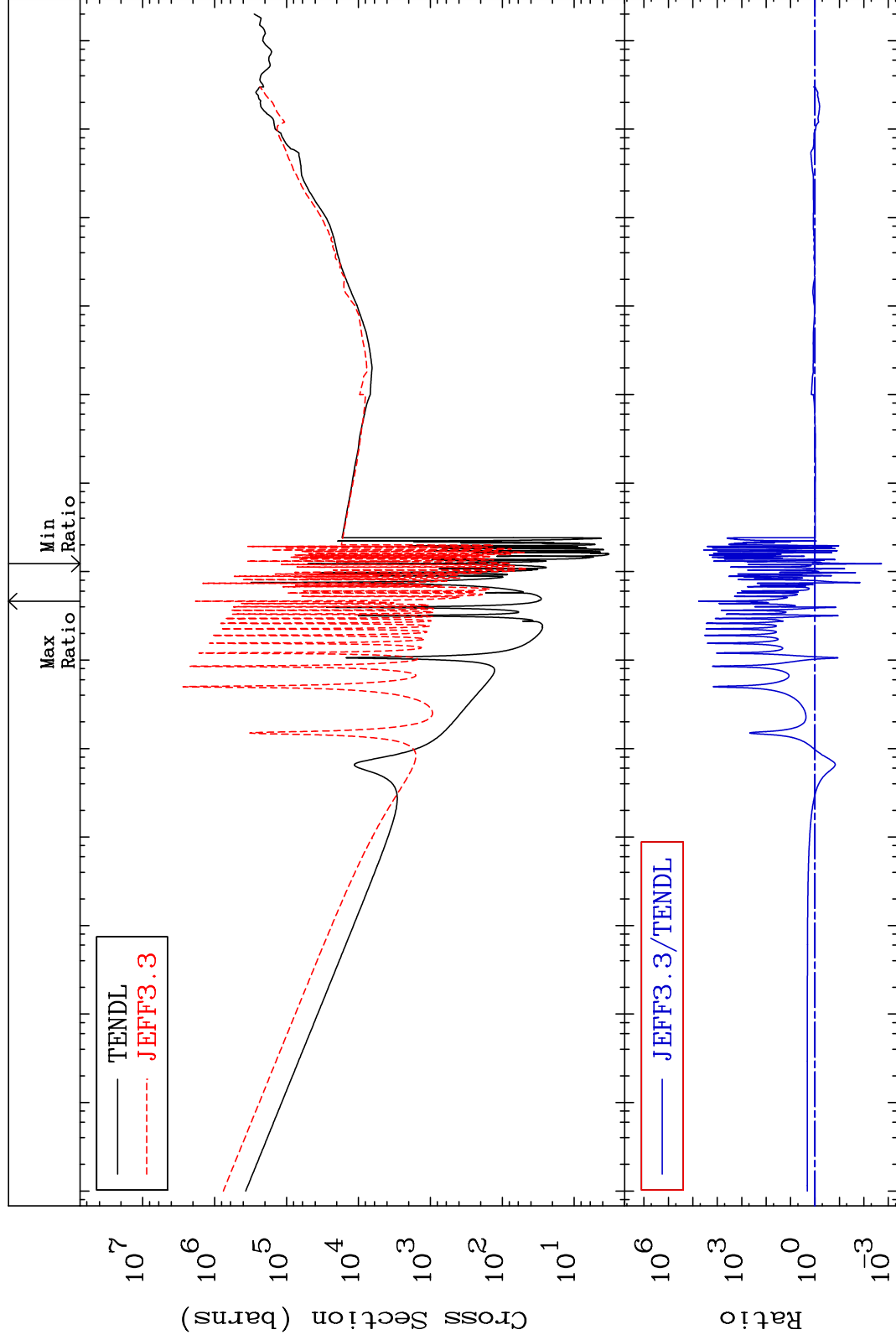
Incident Energy (eV)

92-U -237

MAT 9234

Dpa total (eV-barns)

92-U -237
-99.81 To 9999. %



57

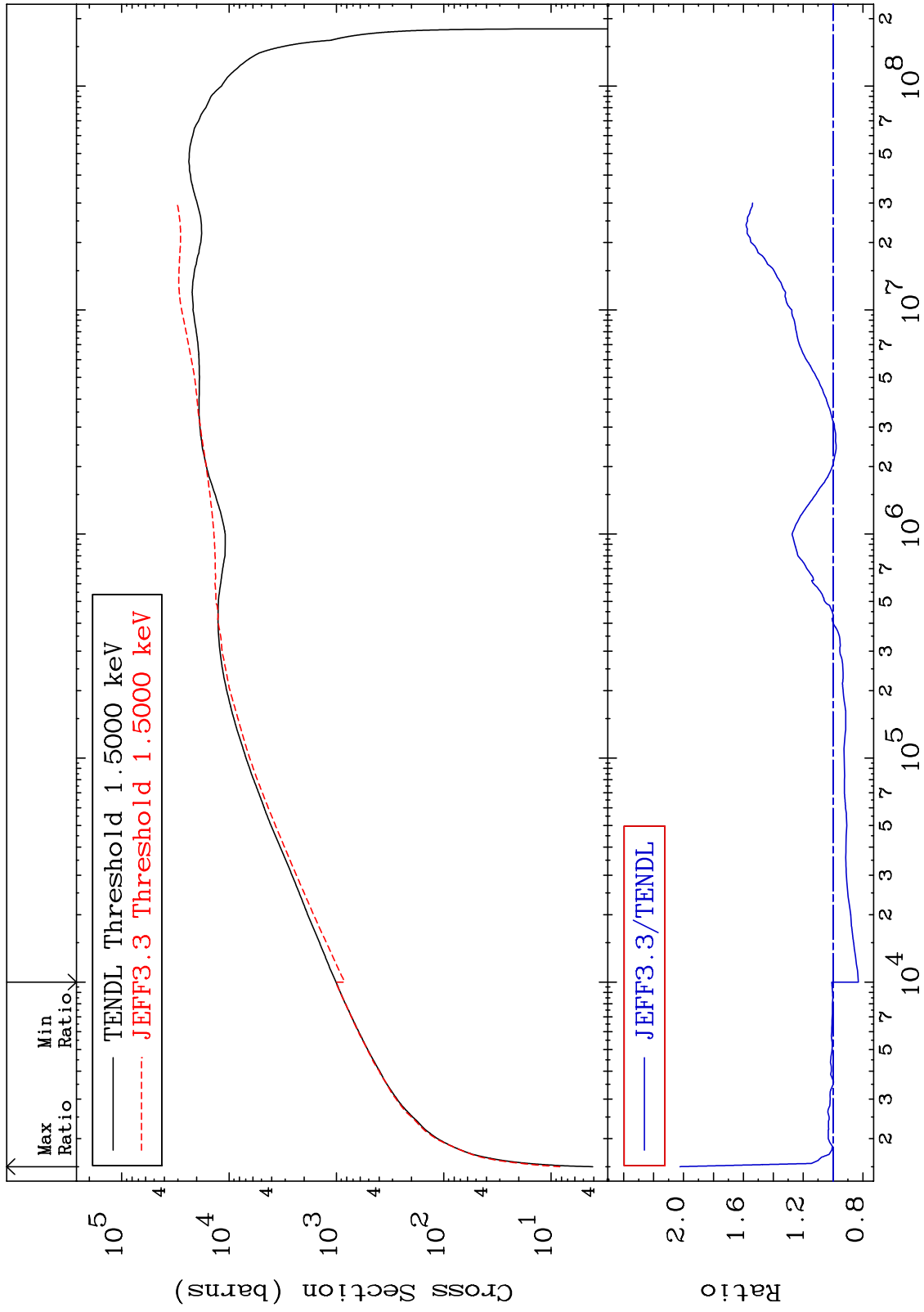
Incident Energy (eV)

92-U -237

MAT 9234

Dpa elastic (mt2)
Cross Section

92-U -237
-17.00 To 102.4 %



58

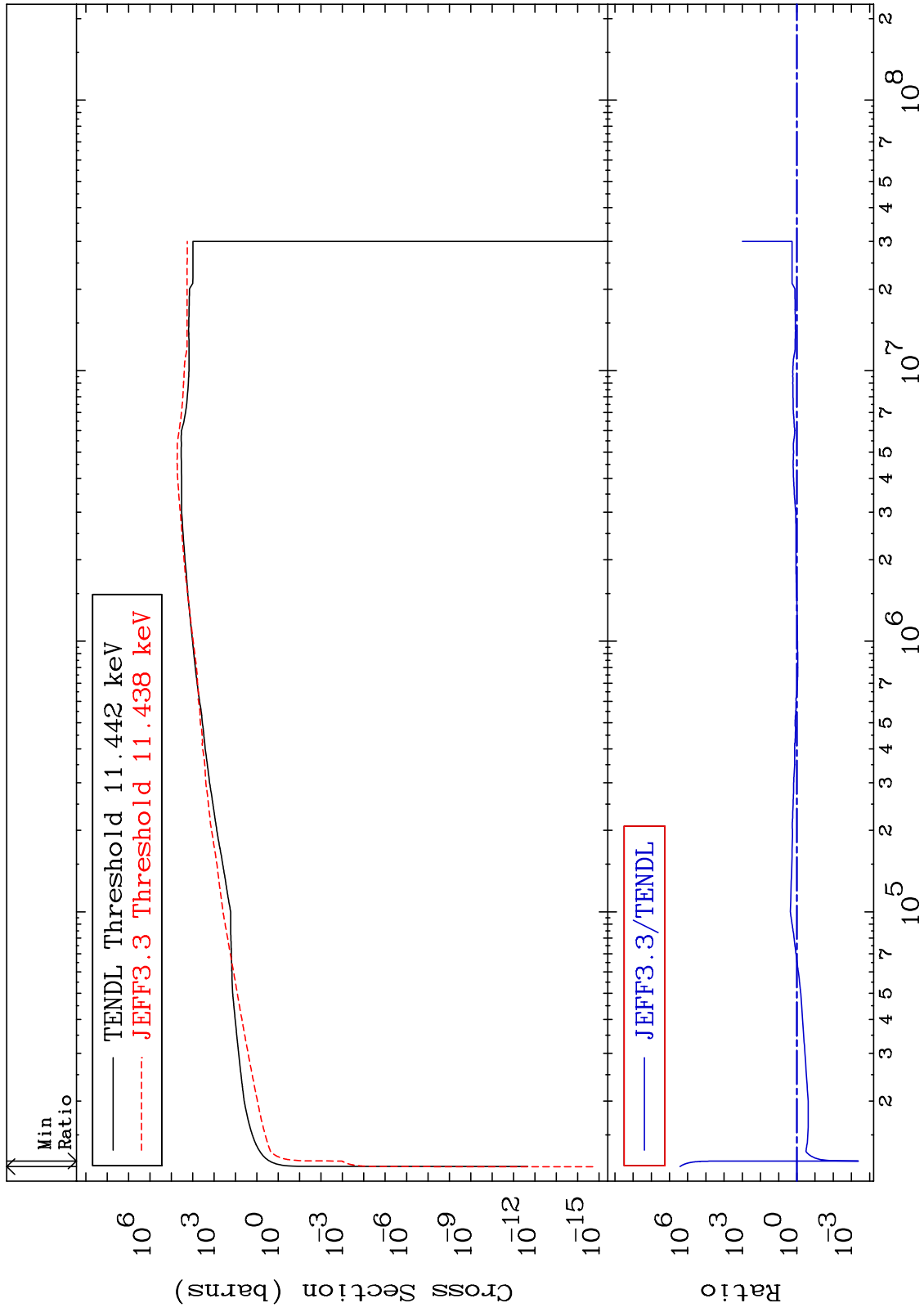
Incident Energy (eV)

92-U -237

MAT 9234

Dpa inelastic (mt51-91)
Cross Section

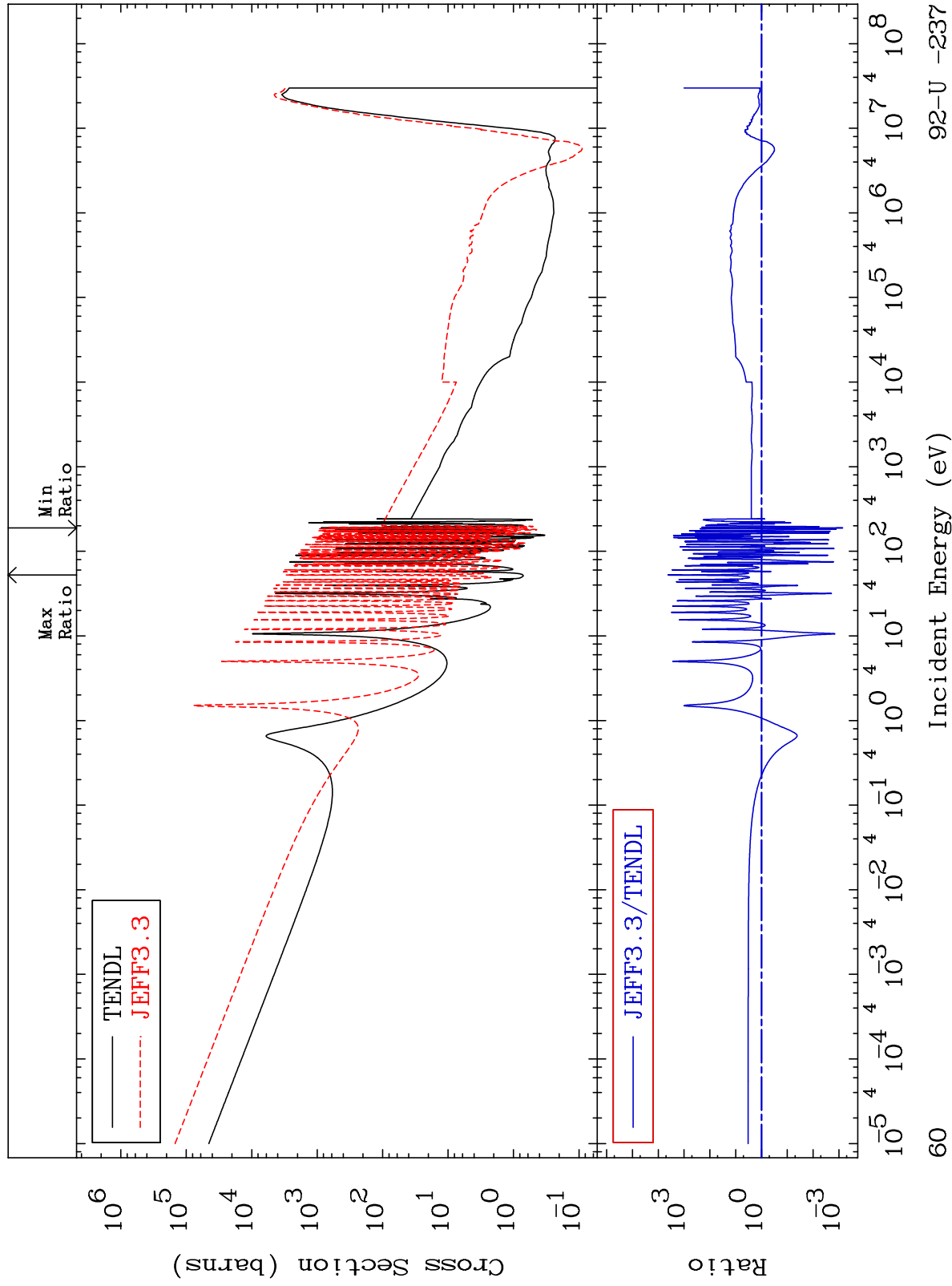
92-U -237
-99.96 To 9999. %



MAT 9234

Dpa disappearance (mt102 -120)

92-U -237
-99.93 To 9999. %



60

92-U -237