

Program Complot
(Version 2018-1)

by

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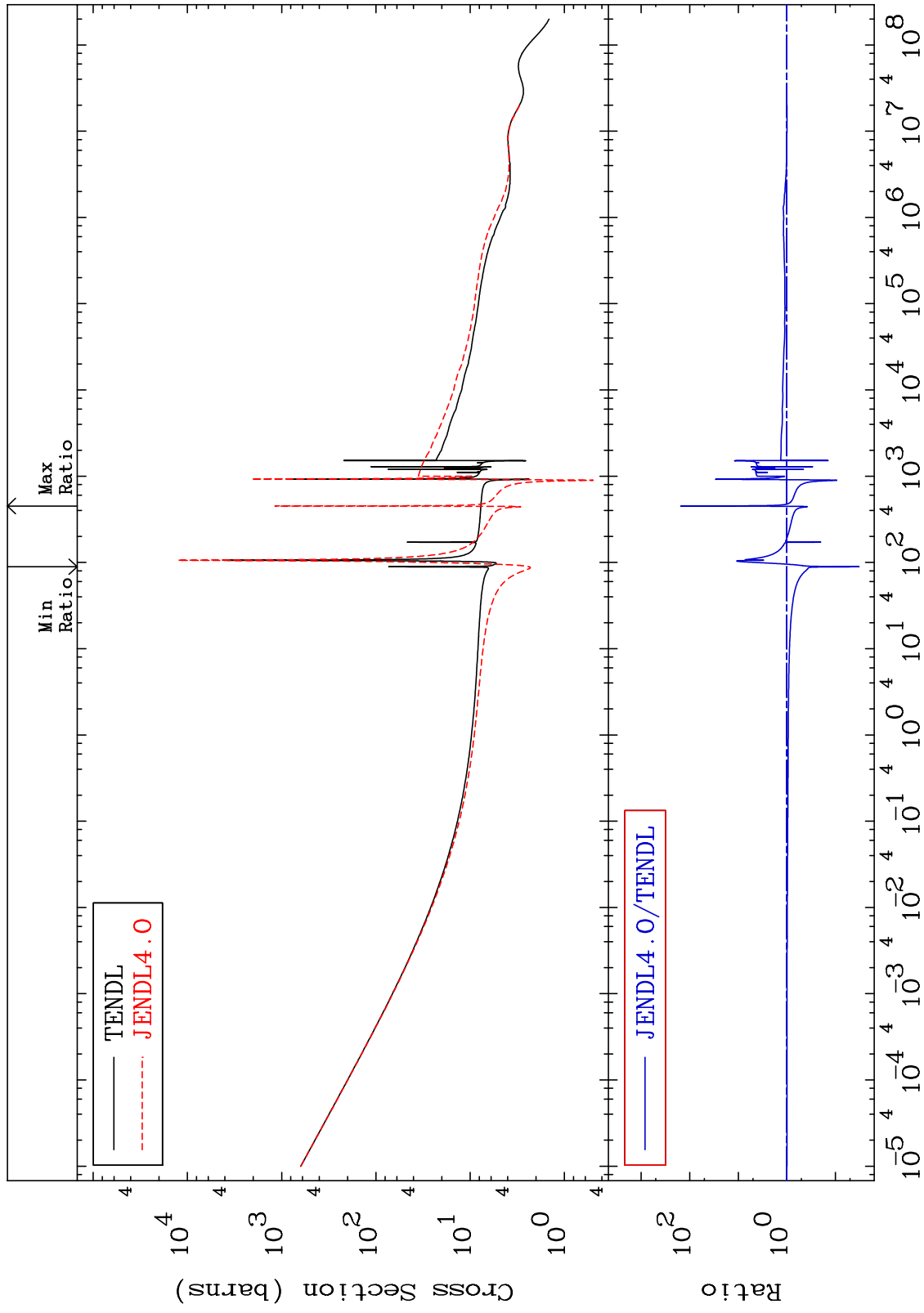
Press Mouse Button to Start

MAT 3631

Total
Cross Section

36-Kr-80

-96.74 To 9999. %



Incident Energy (eV)

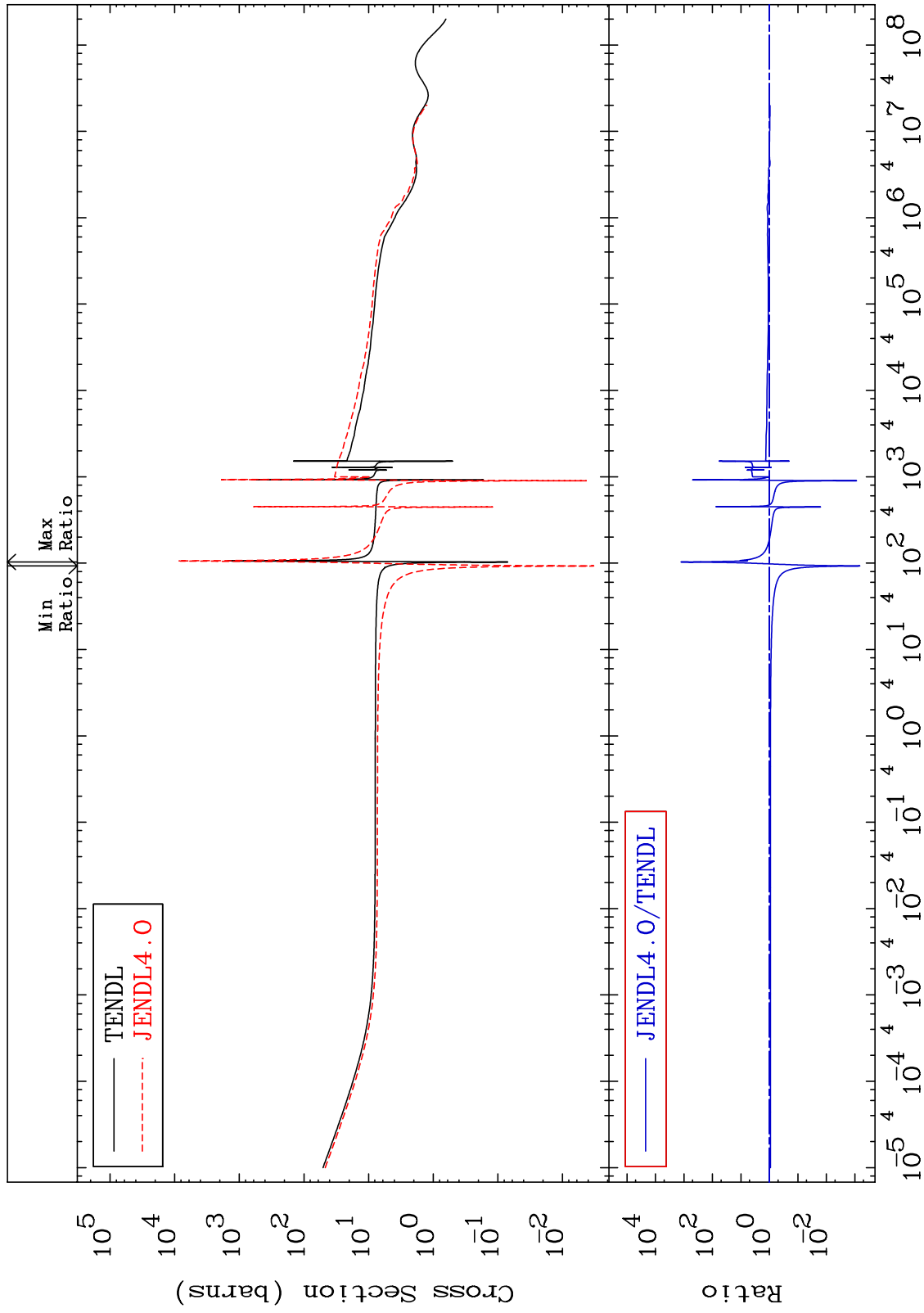
36-Kr-80

1

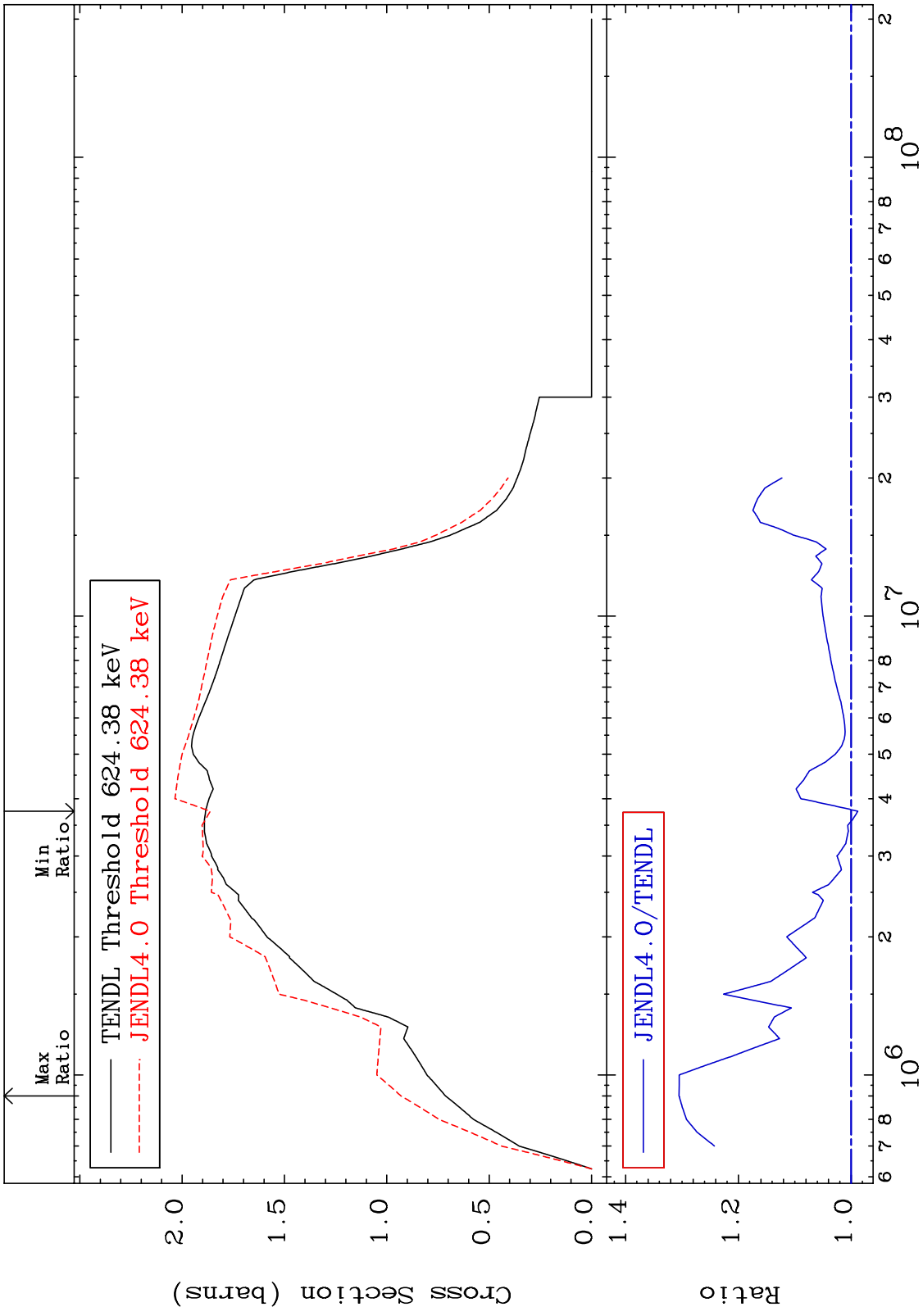
MAT 3631

Elastic
Cross Section

36-Kr-80
-99.93 To 9999. %

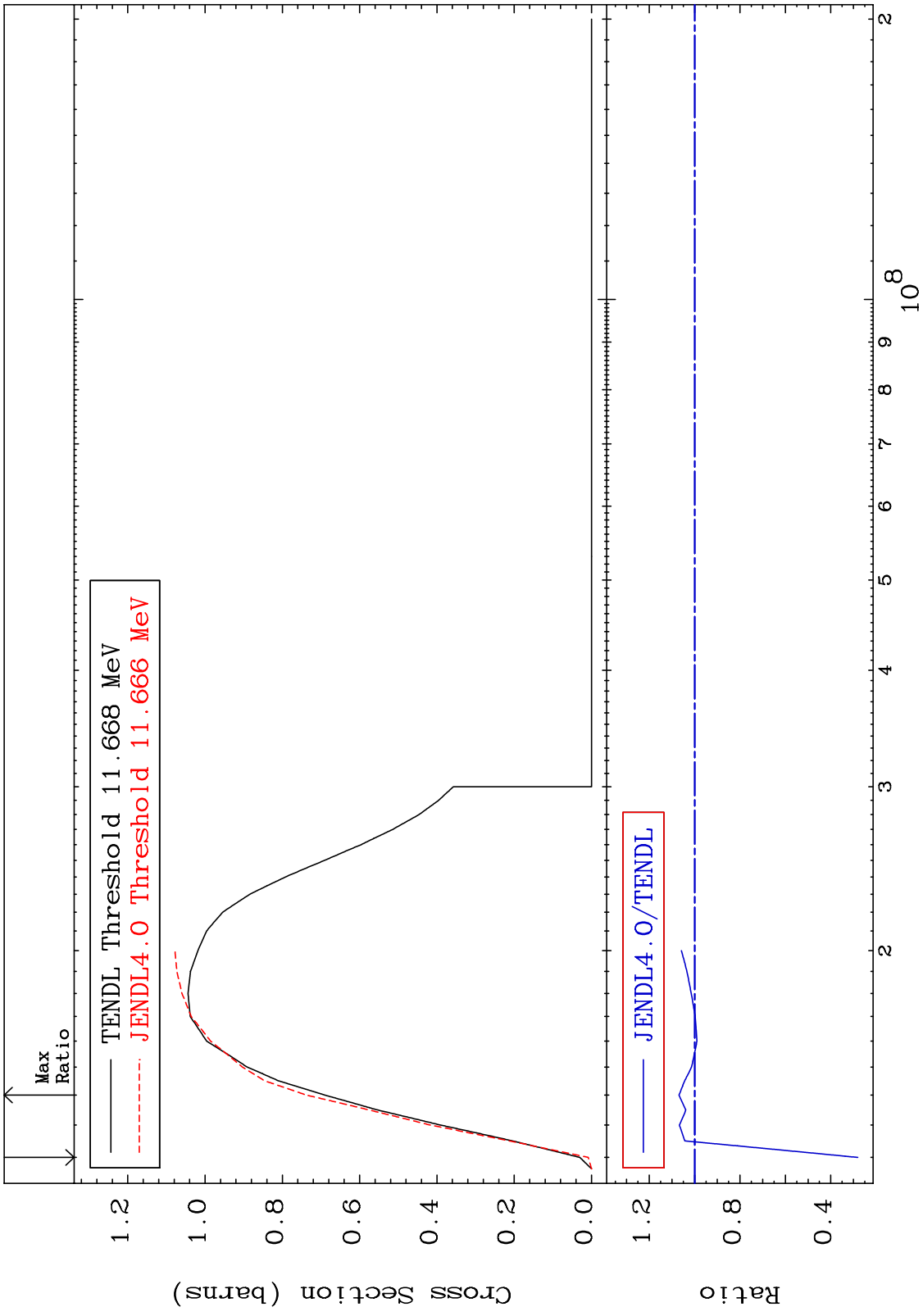


MAT 3631 Inelastic Cross Section 36-Kr-80 -1.190 To 30.51 %



3

MAT 3631 $(n,2n)$ Cross Section $^{36}\text{Kr-80}$
 -71.94 To 6.880 %



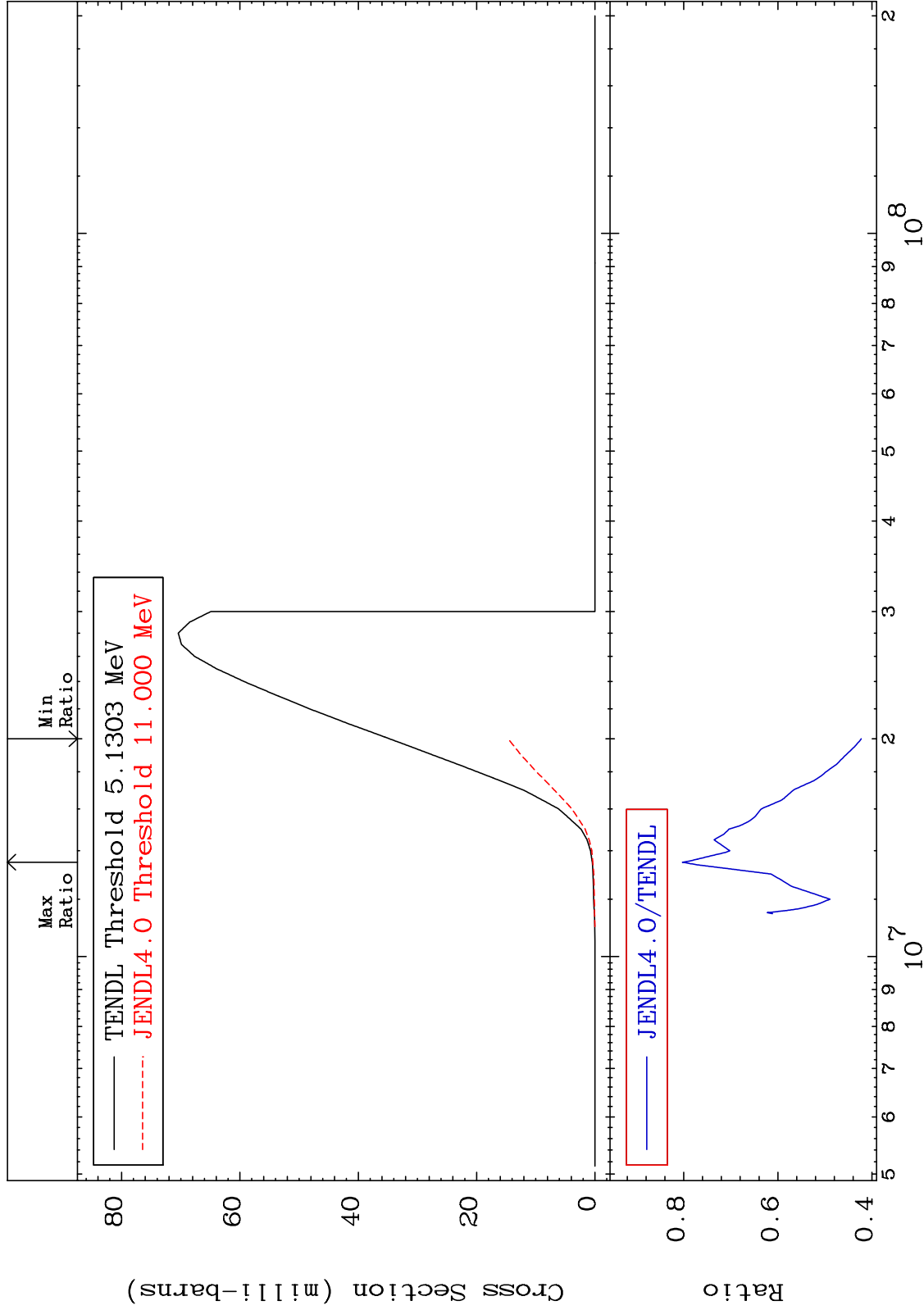
MAT 3631

(n,n') α

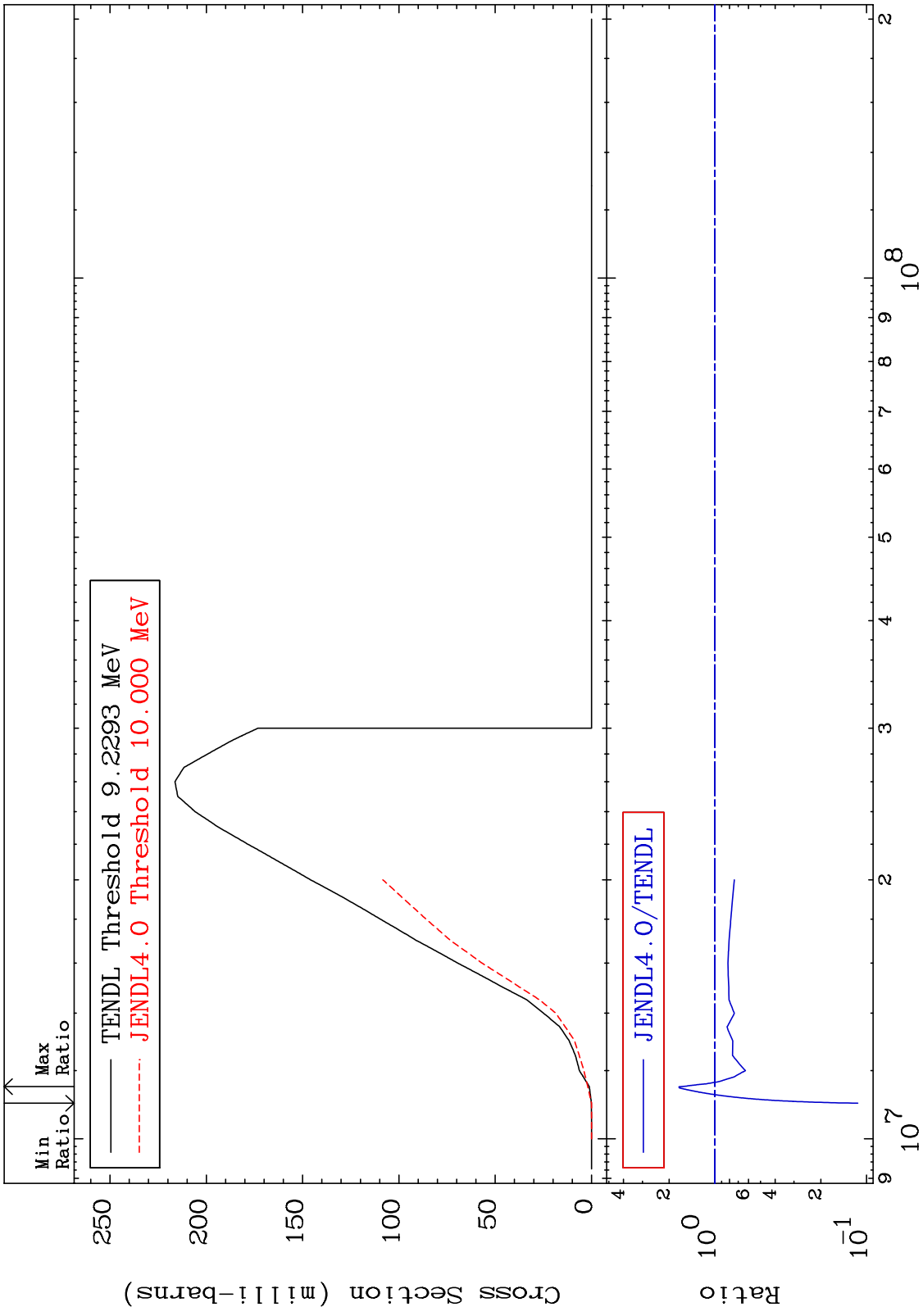
36-Kr-80

-57.73 To -19.72%

Cross Section



MAT 3631 (n,n') p 36-Kr-80
 Cross Section -88.60 To 71.93 %

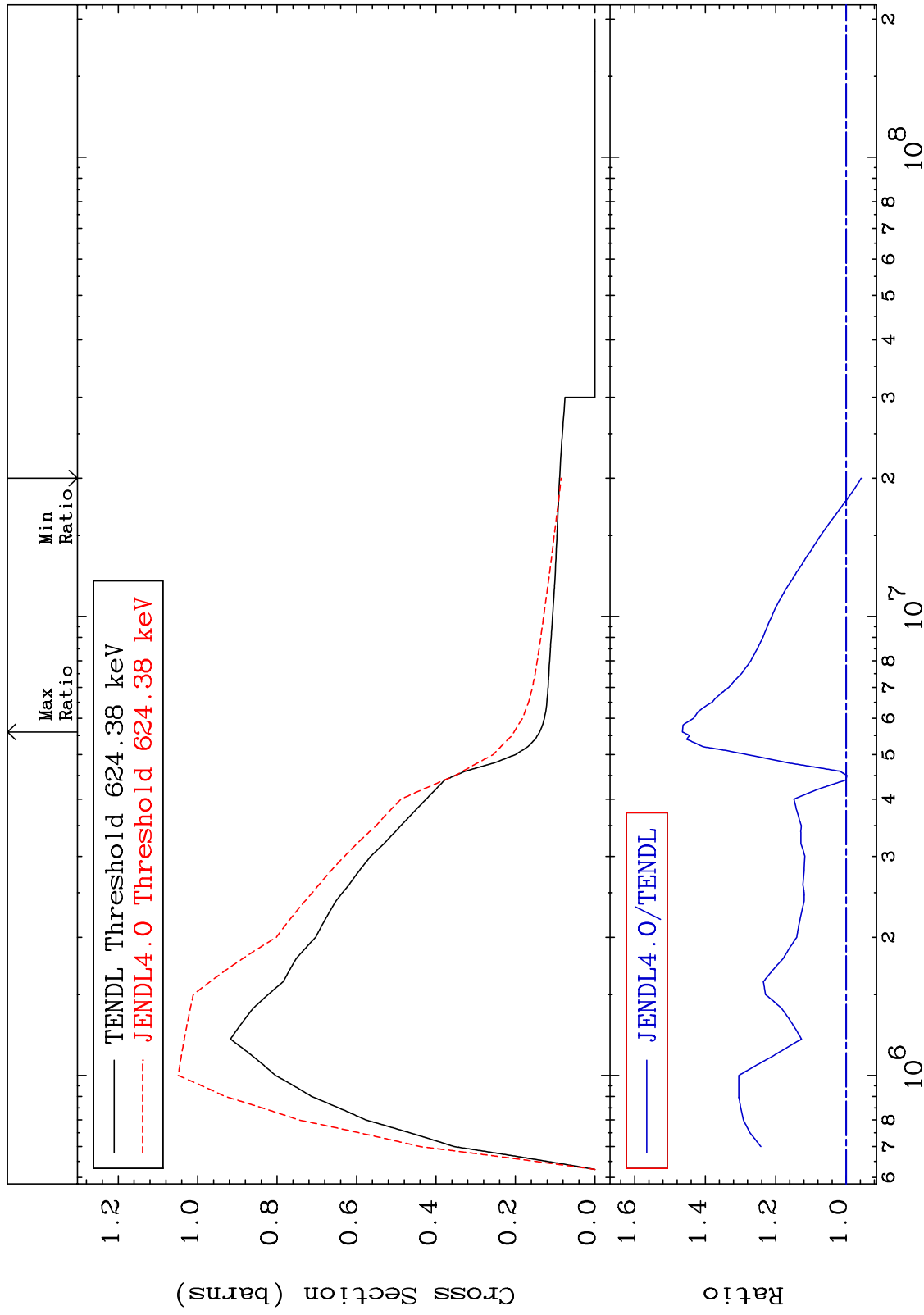


36-Kr-80

MAT 3631

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

36-Kr-80
-4.265 To 46.47 %

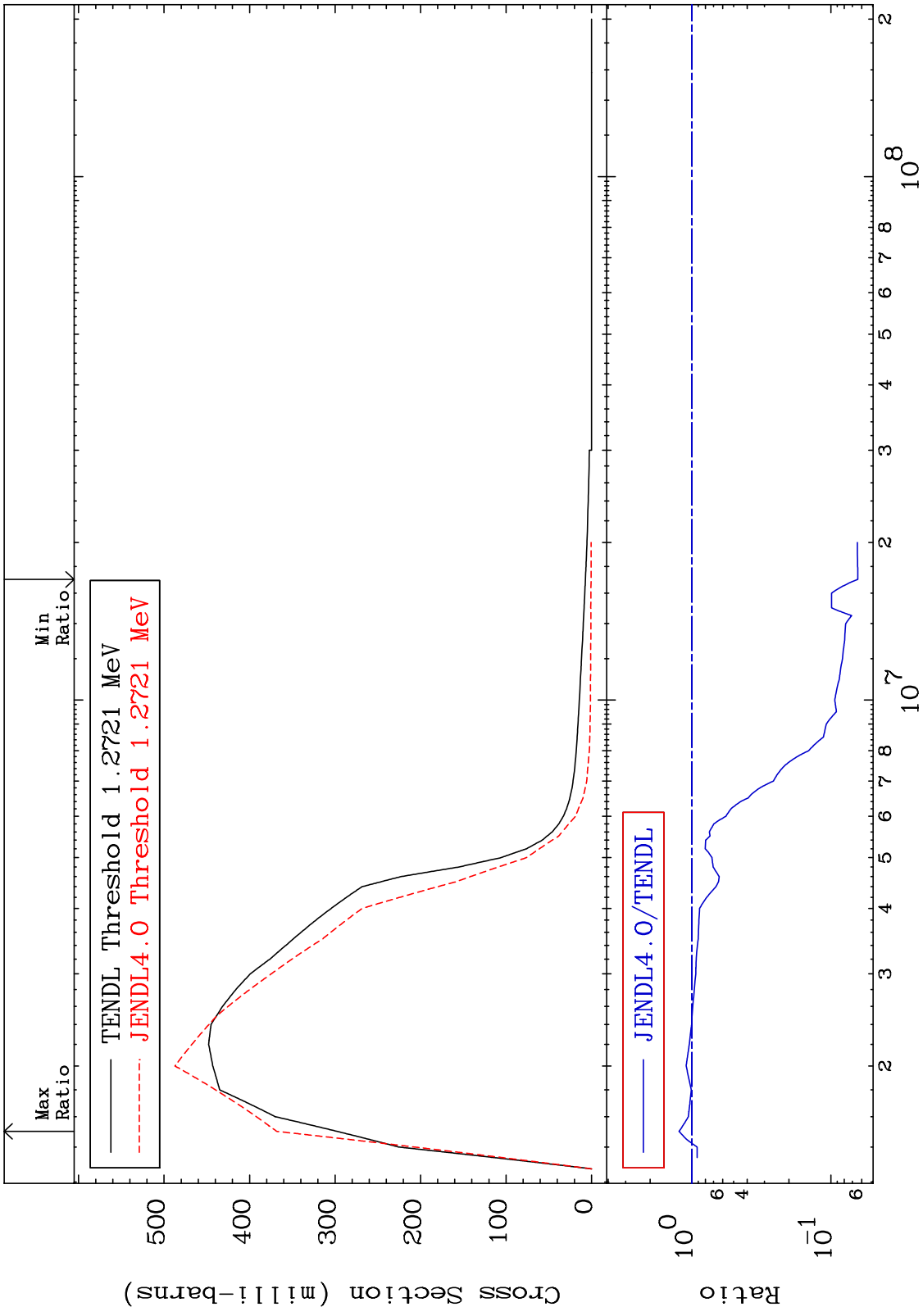


7

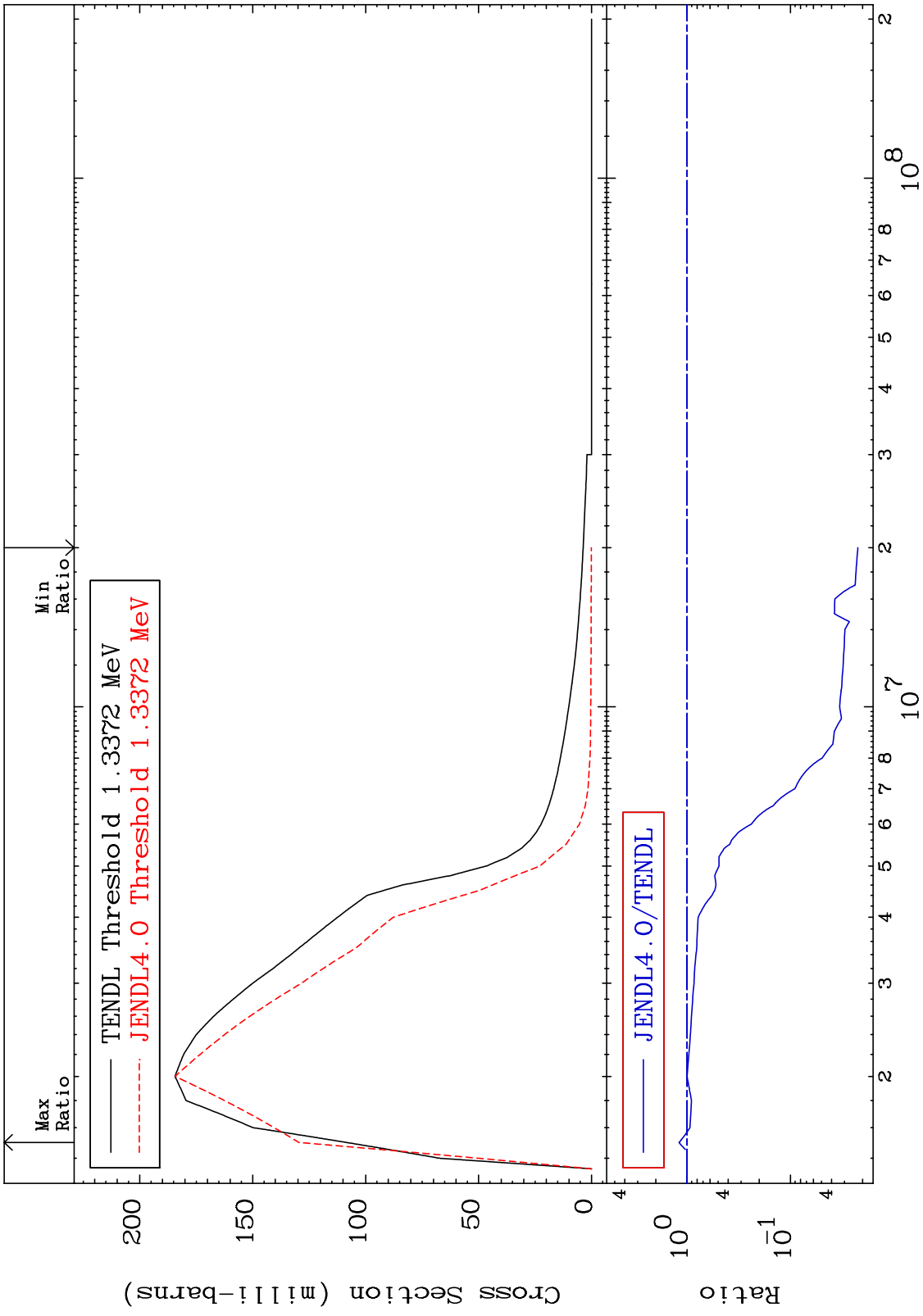
Incident Energy (eV)

36-Kr-80

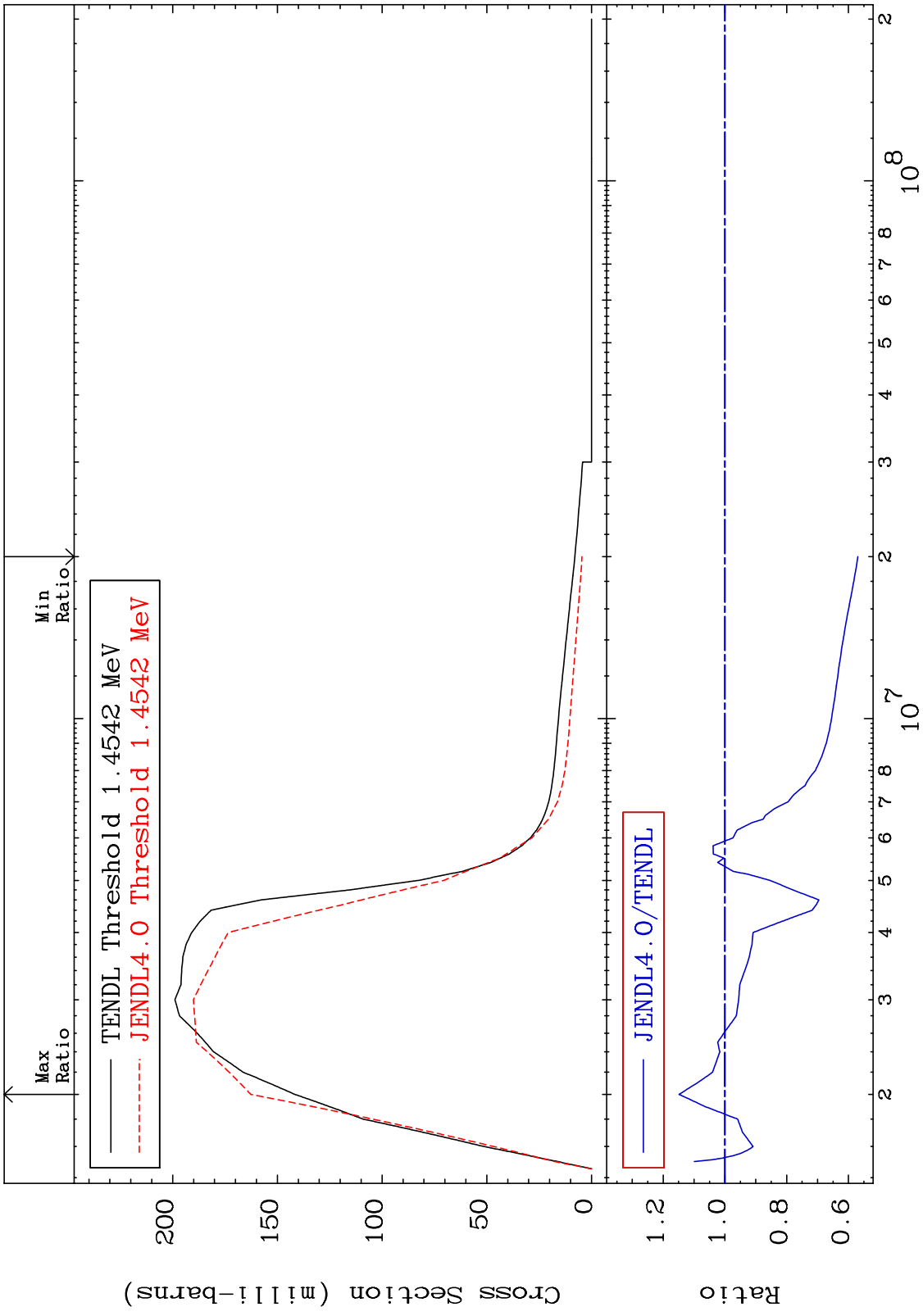
MAT 3631 MT= 52 (n,n') Level Cross Section 36-Kr-80
 -93.61 To 23.74 %



MAT 3631 MT= 53 (n,n') Level Cross Section 36-Kr-80
 -97.77 To 19.42 %



MAT 3631 MT= 54 (n,n') Level Cross Section -43.04 To 14.86 % 36-Kr-80

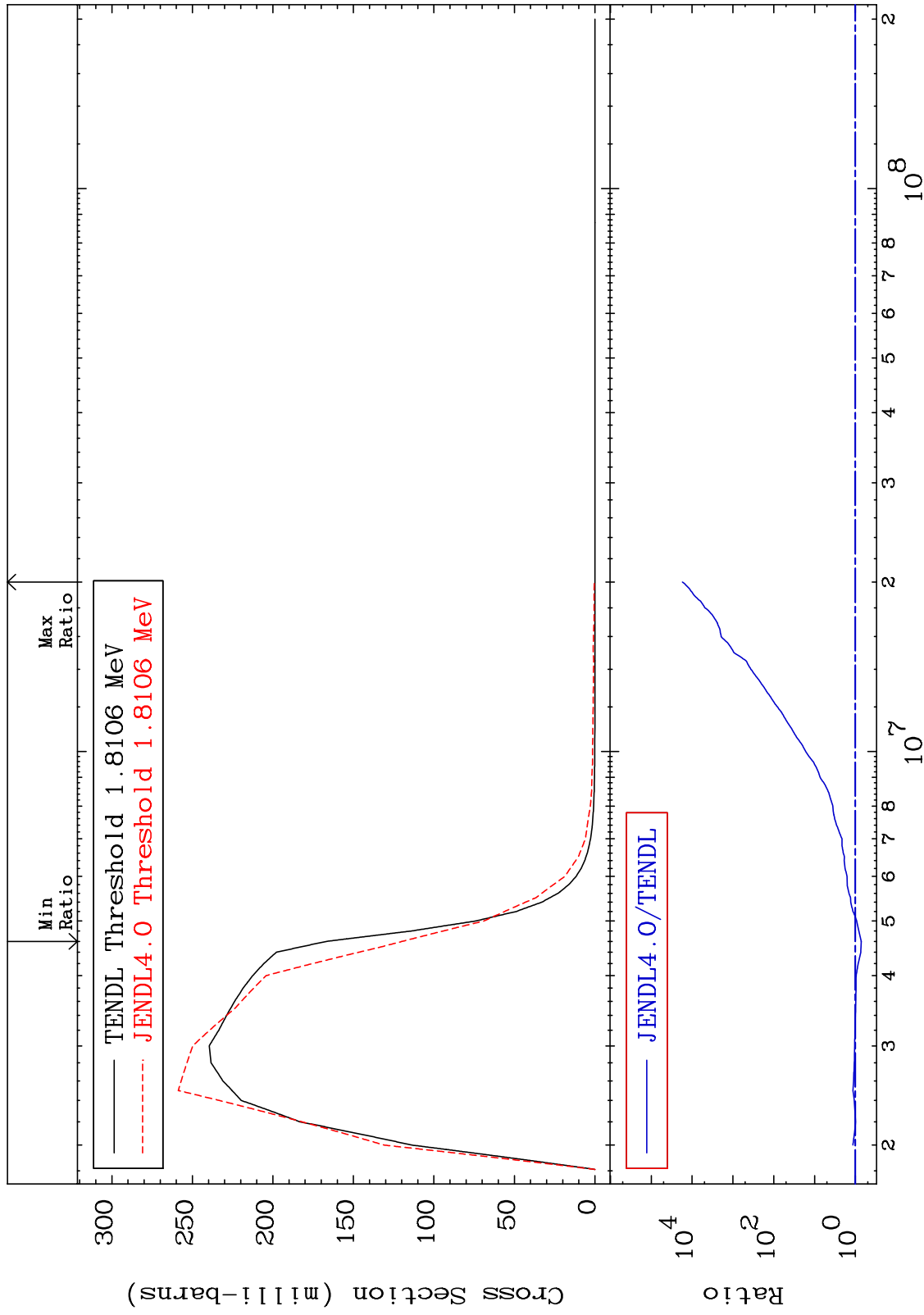


10 36-Kr-80

MAT 3631

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

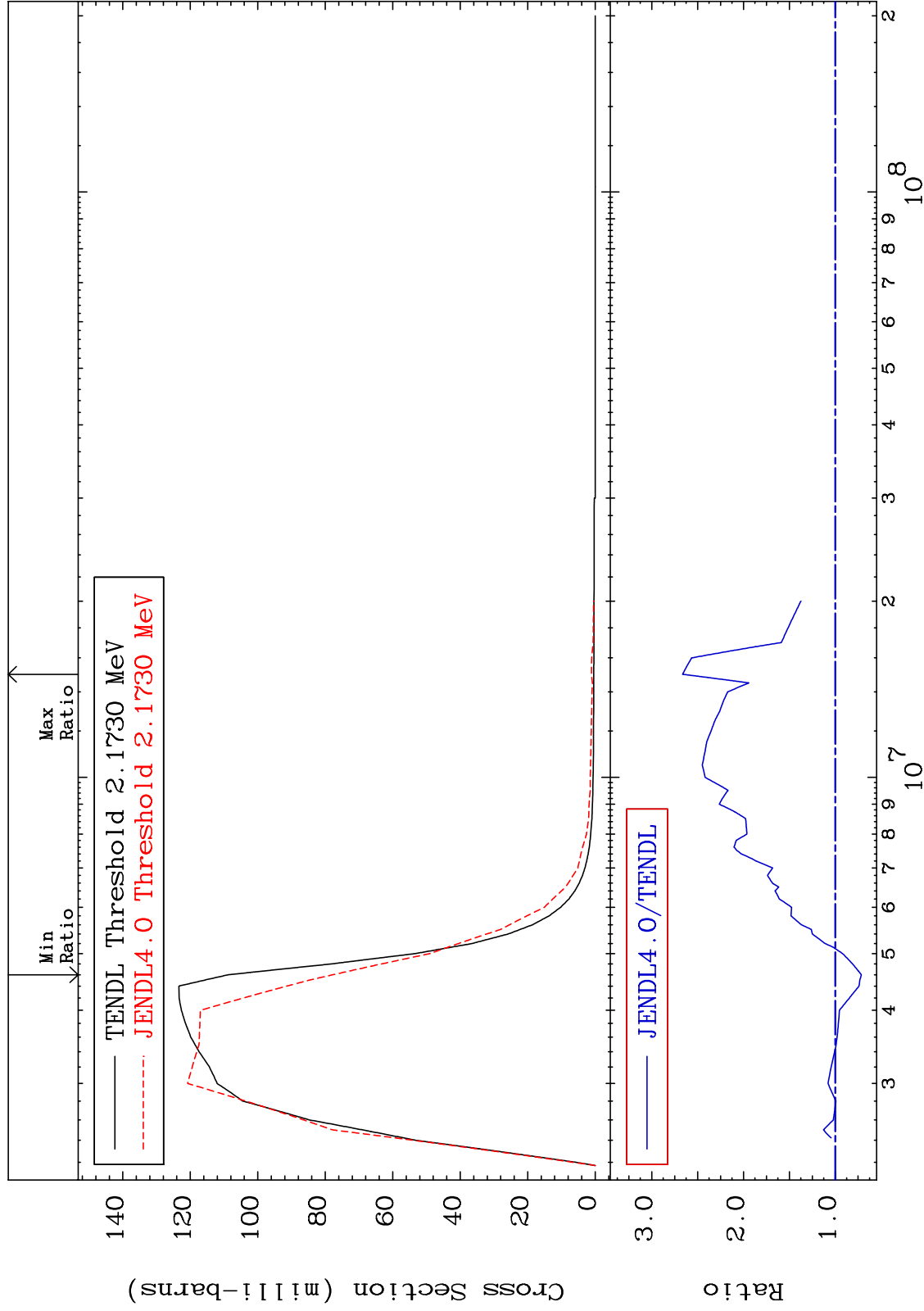
36-Kr-80
-28.22 To 9999. %



MAT 3631

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

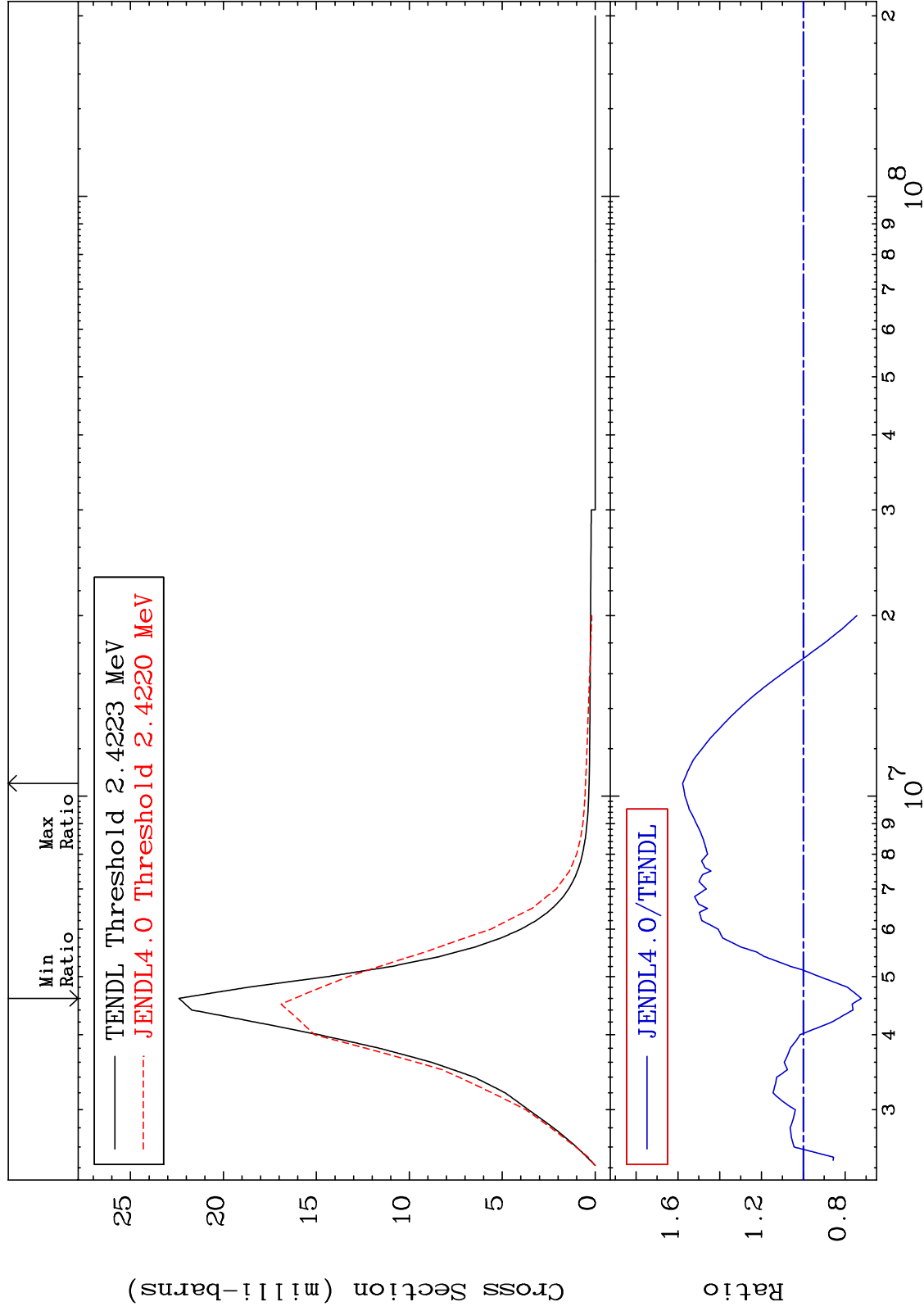
36-Kr-80
-28.51 To 166.3 %



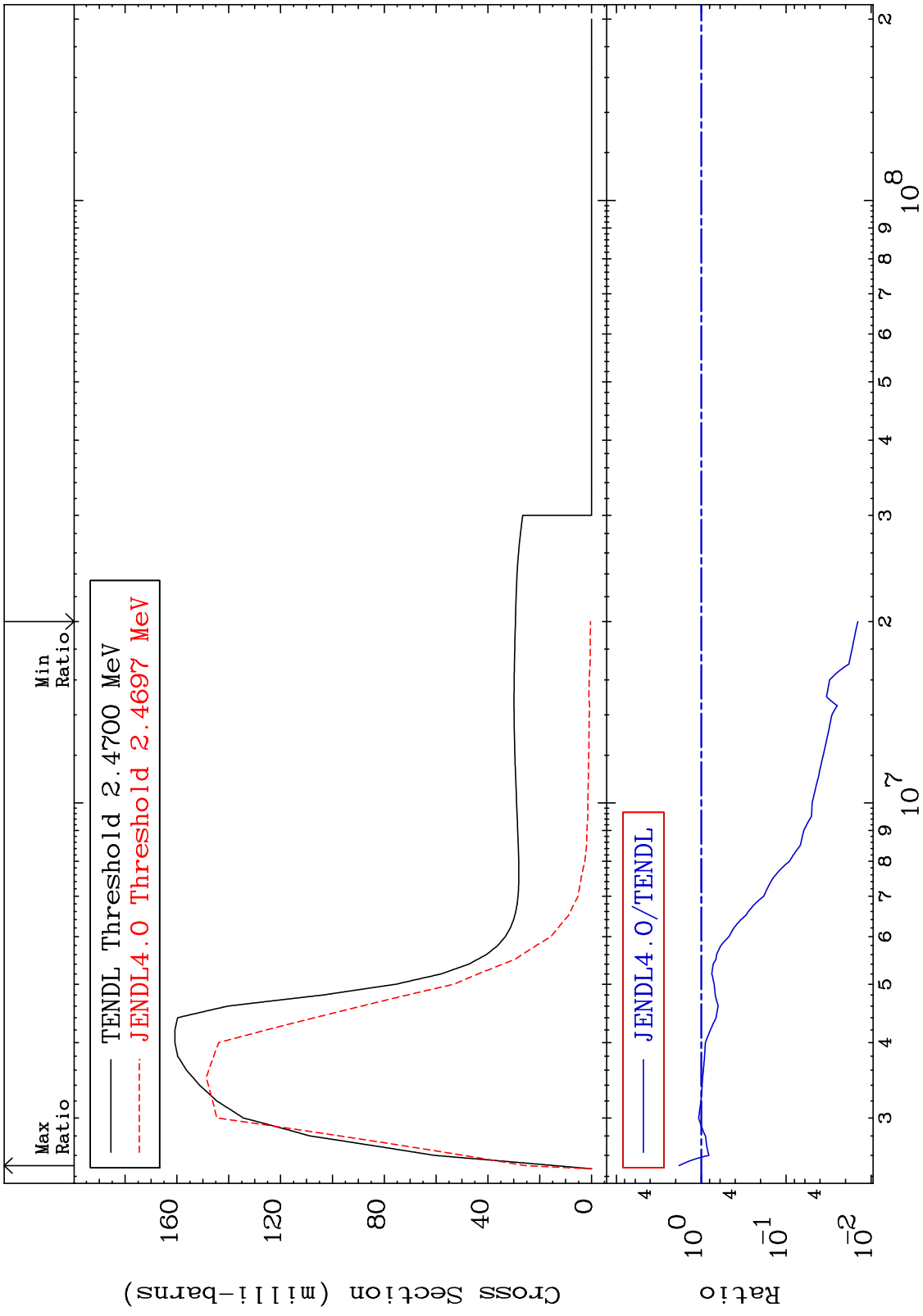
MAT 3631

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

36-Kr-80
-27.77 To 57.73 %



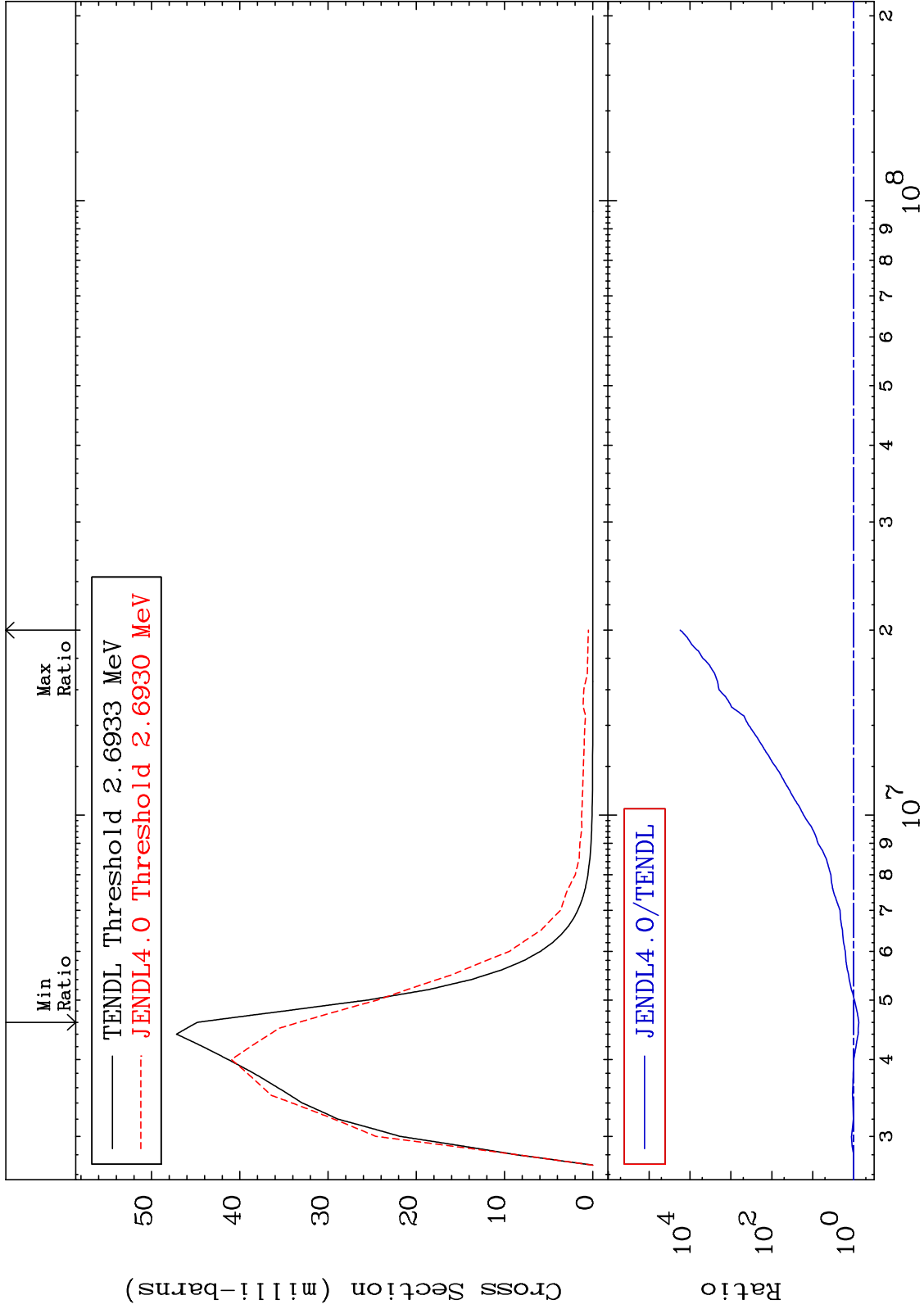
MAT 3631 MT= 58 (n,n') Level Cross Section 36-Kr-80
 -98.57 To 82.80 %



MAT 3631

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

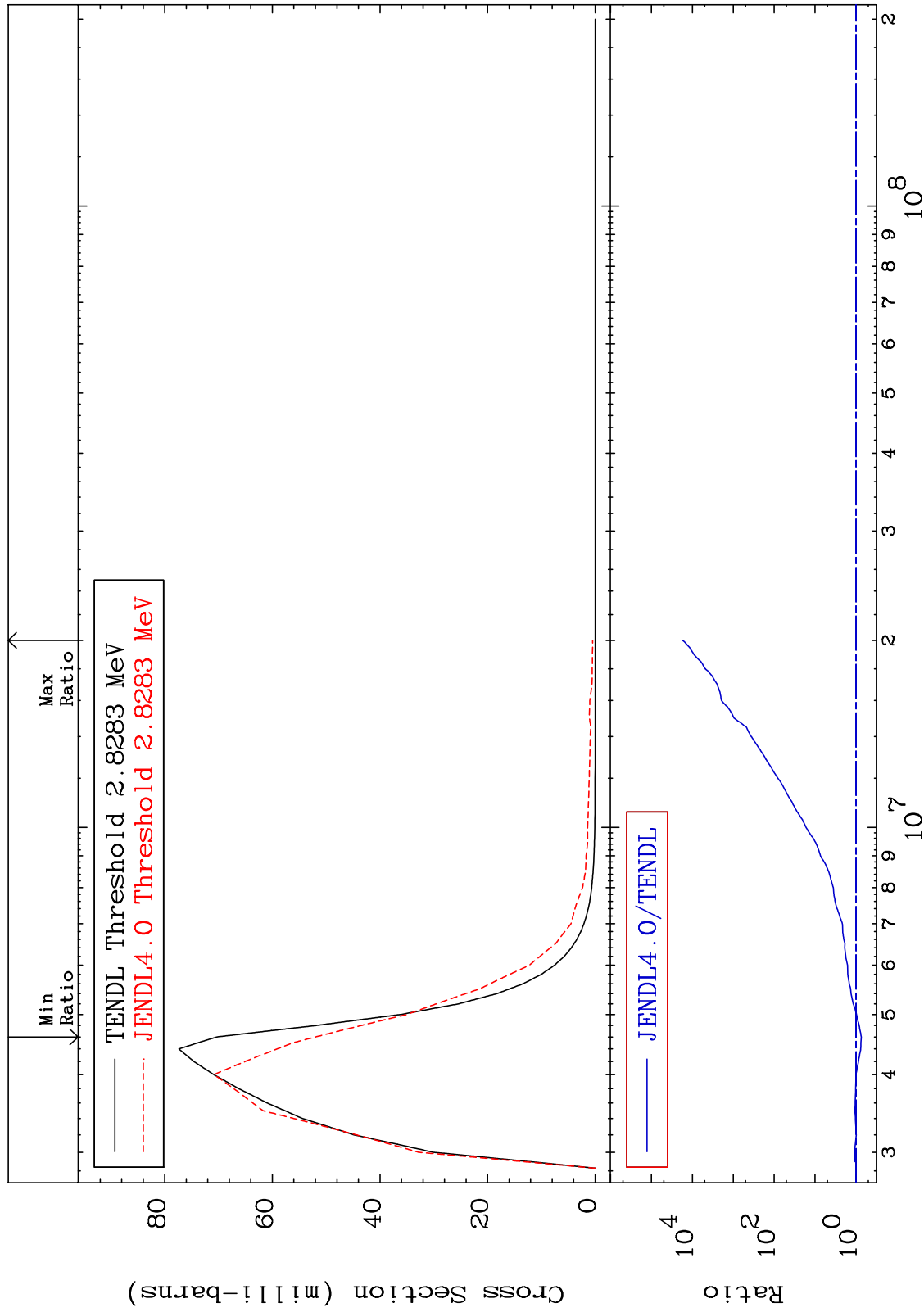
36-Kr-80
-25.72 To 9999. %



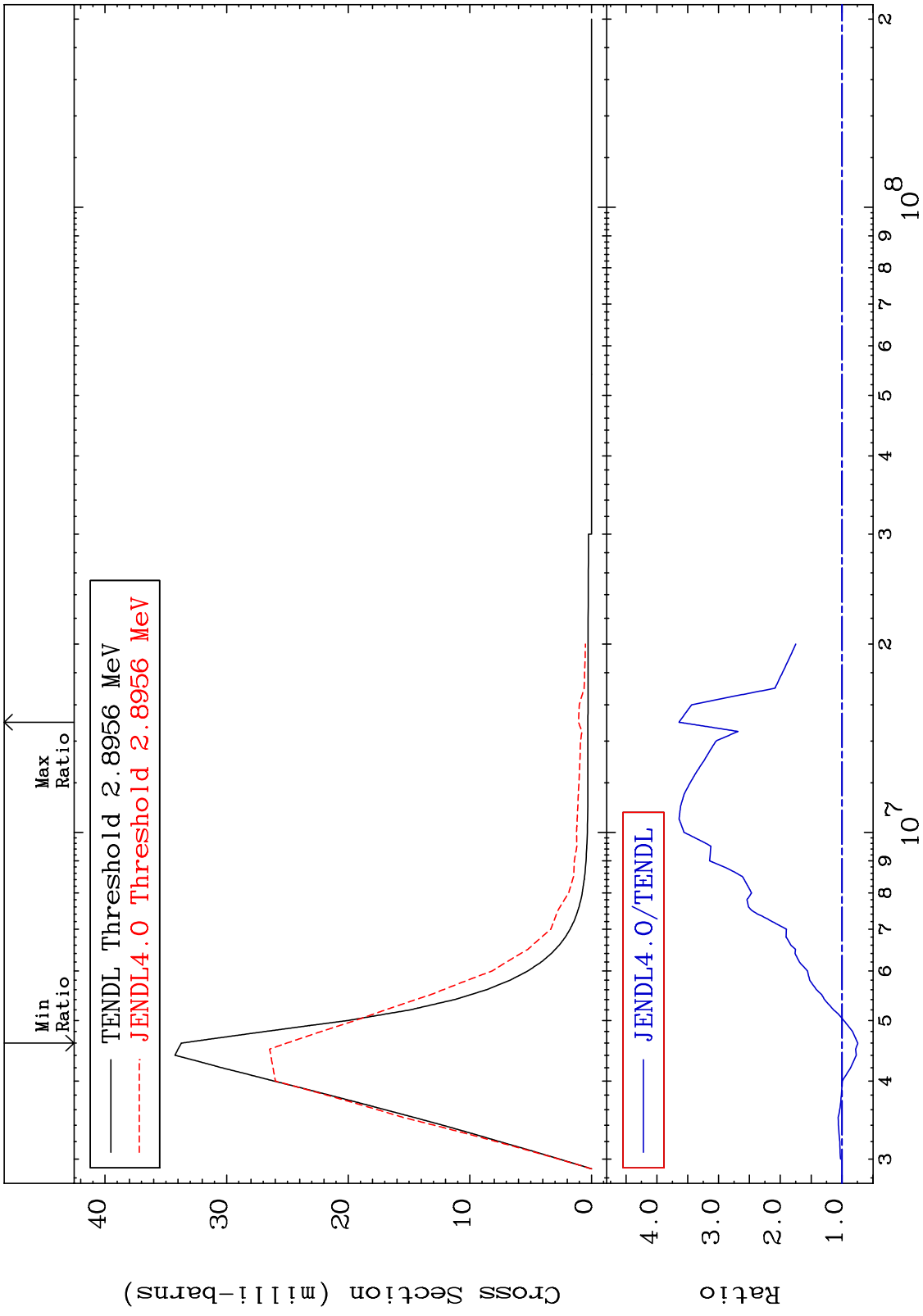
MAT 3631

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

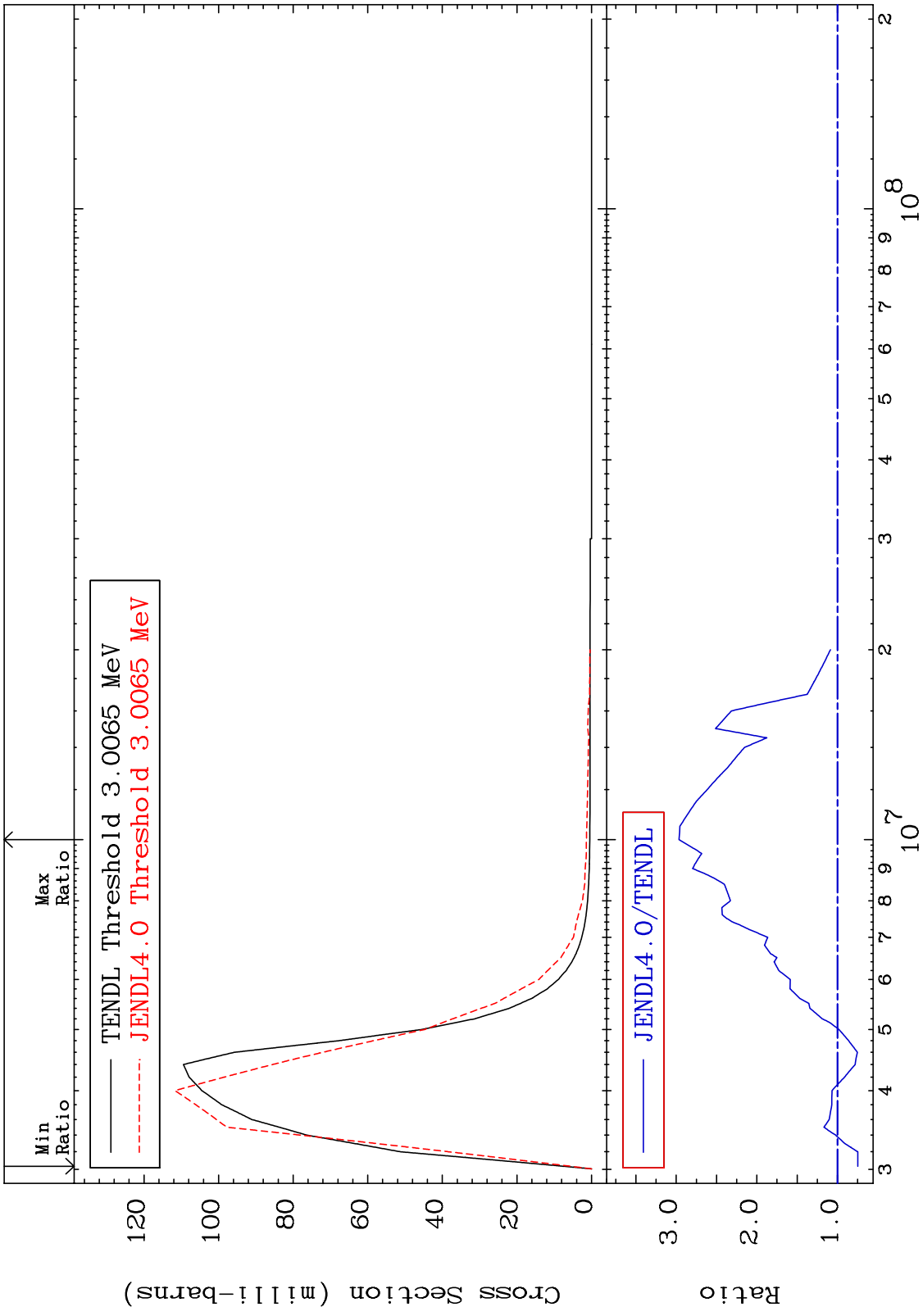
36-Kr-80
-26.10 To 9999. %



MAT 3631 MT= 61 (n,n') Level Cross Section -25.71 To 264.1 % 36-Kr-80

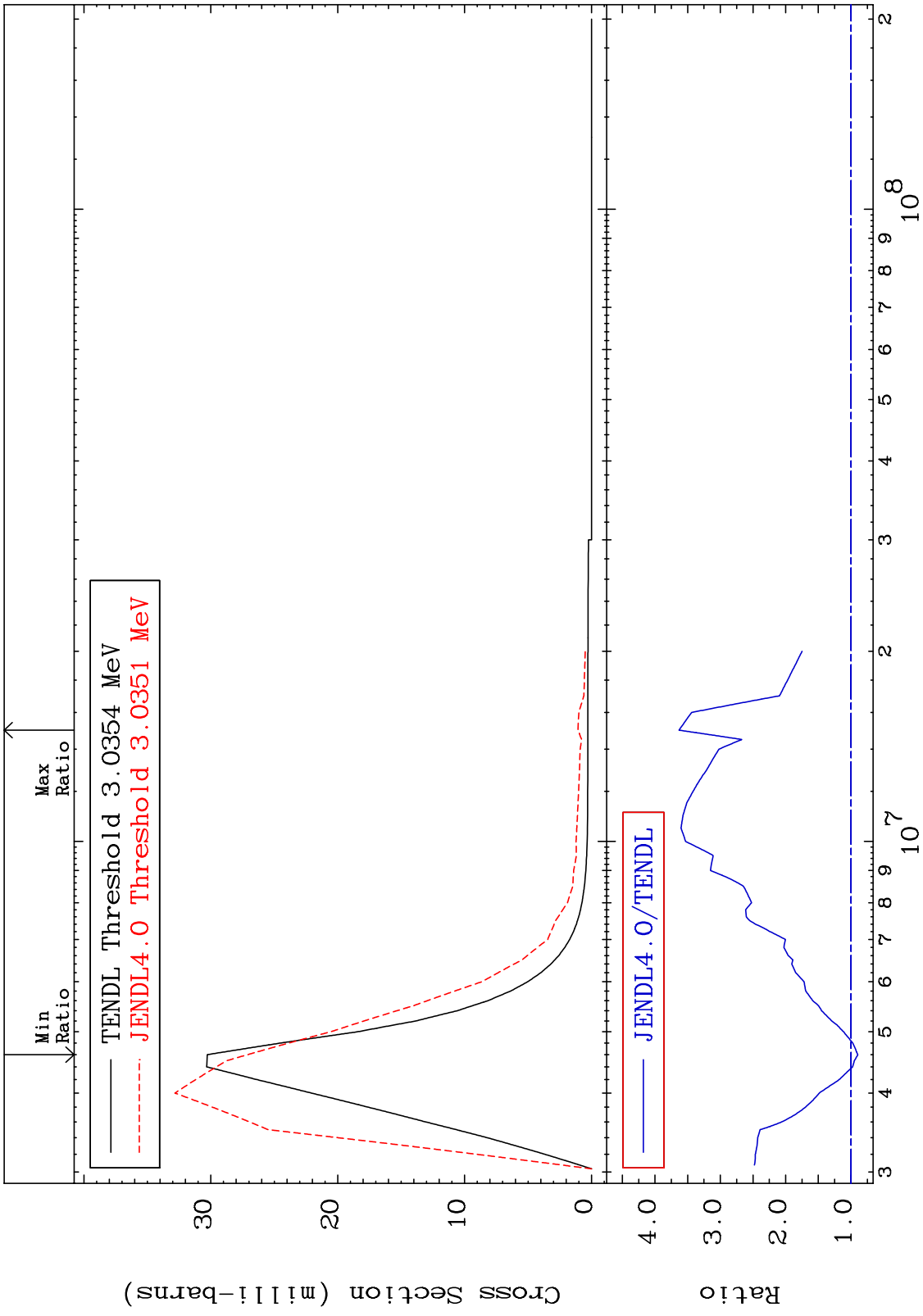


MAT 3631 MT= 62 (n,n') Level Cross Section 36-Kr-80
 -25.26 To 196.5 %



18 36-Kr-80

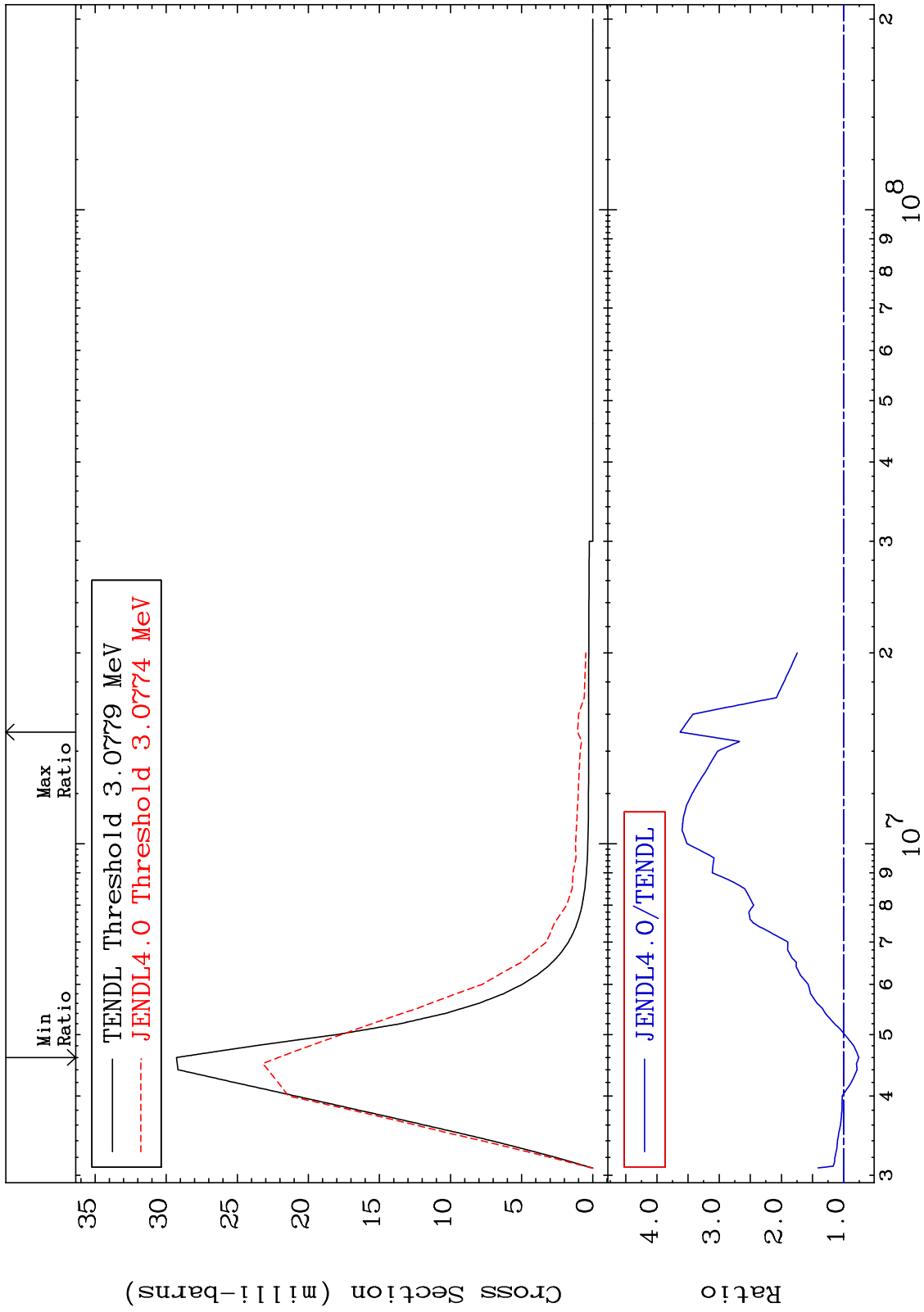
MAT 3631 MT= 63 (n,n') Level Cross Section 36-Kr-80
 -10.49 To 263.2 %



MAT 3631

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

36-Kr-80
-24.51 To 262.6 %

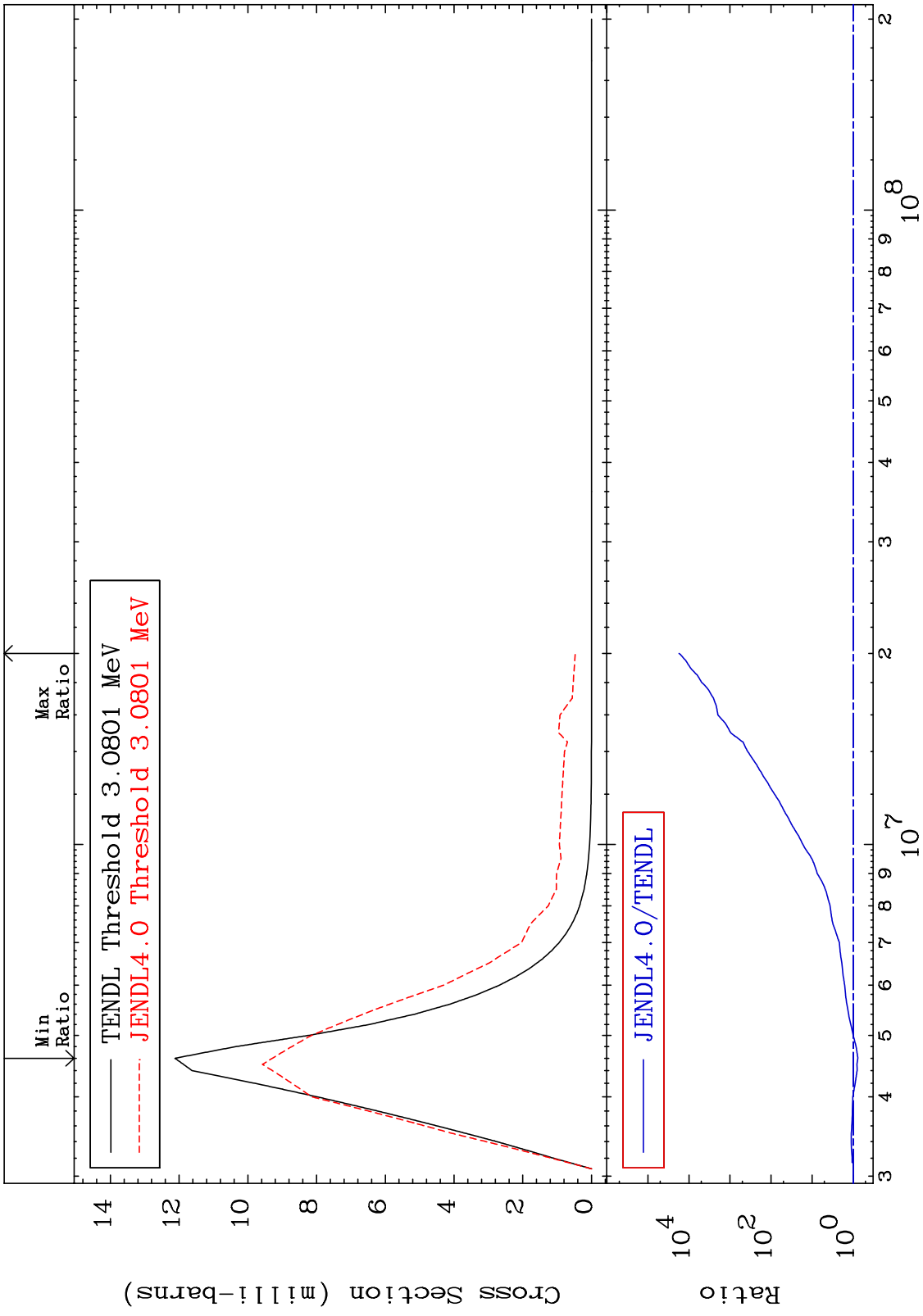


20

Incident Energy (eV)

36-Kr-80

MAT 3631 MT= 65 (n,n') Level Cross Section -23.36 To 9999. % 36-Kr-80

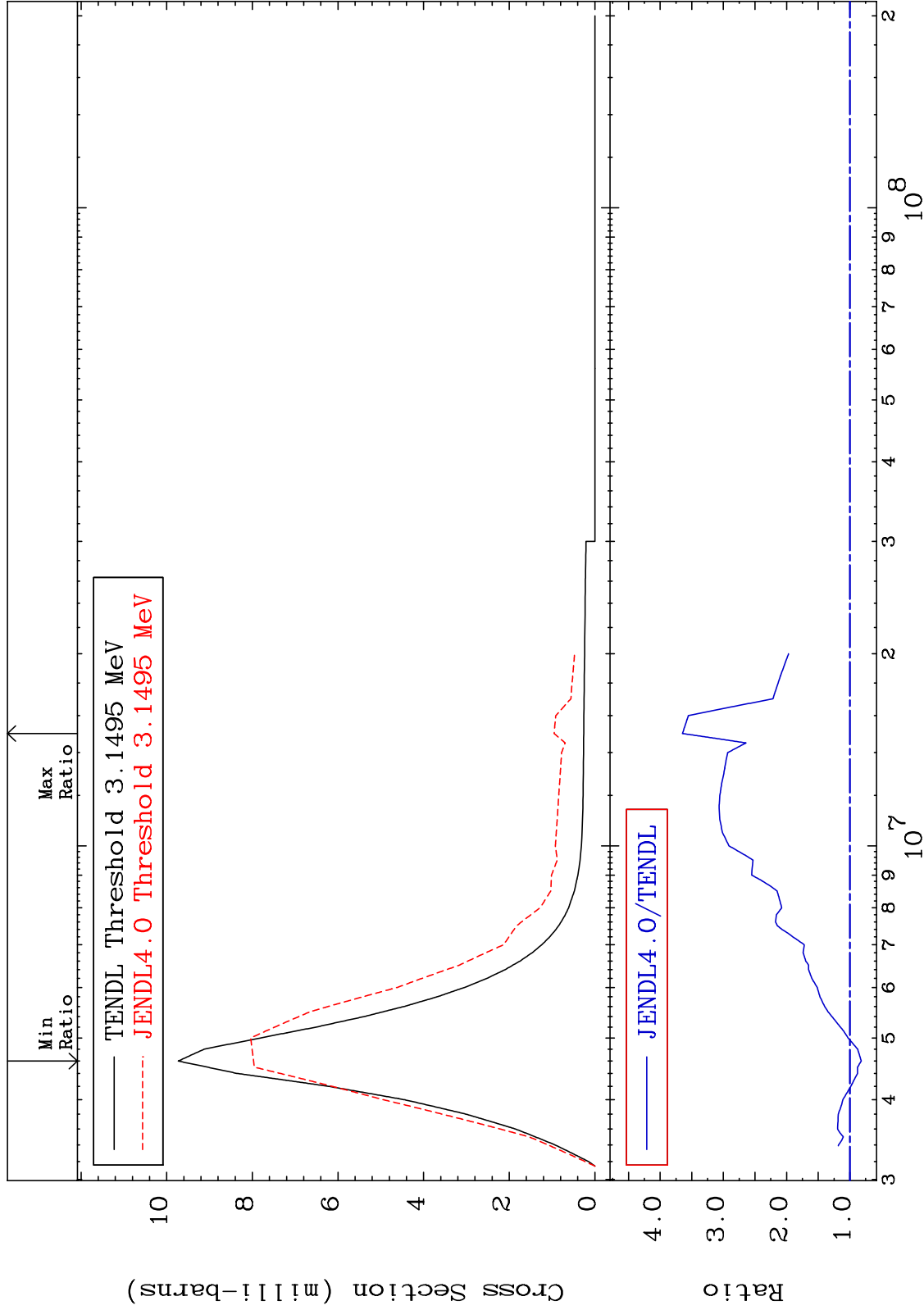


21 Incident Energy (eV) 36-Kr-80

MAT 3631

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

36-Kr-80
-18.07 To 264.7 %



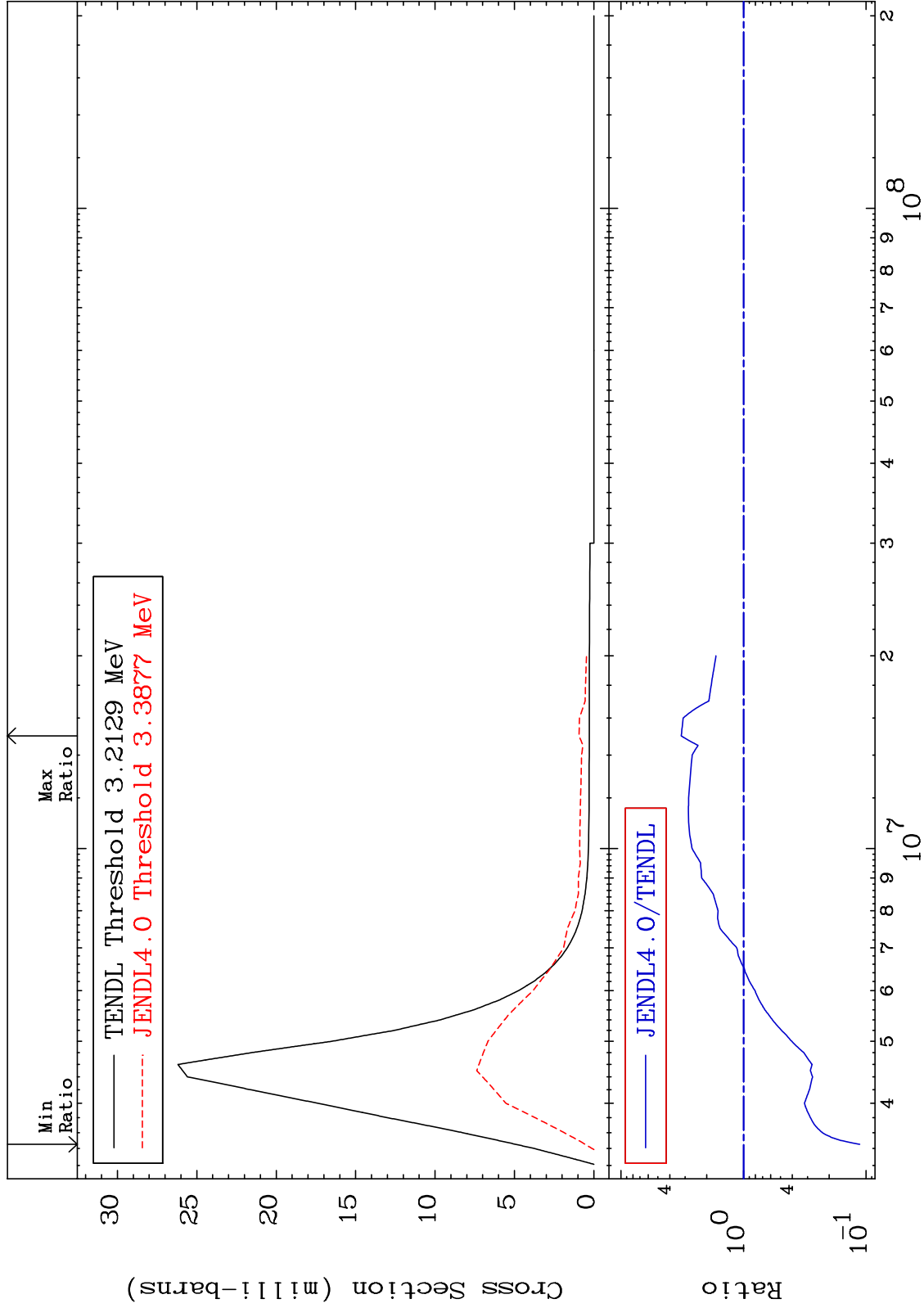
22

36-Kr-80

MAT 3631

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

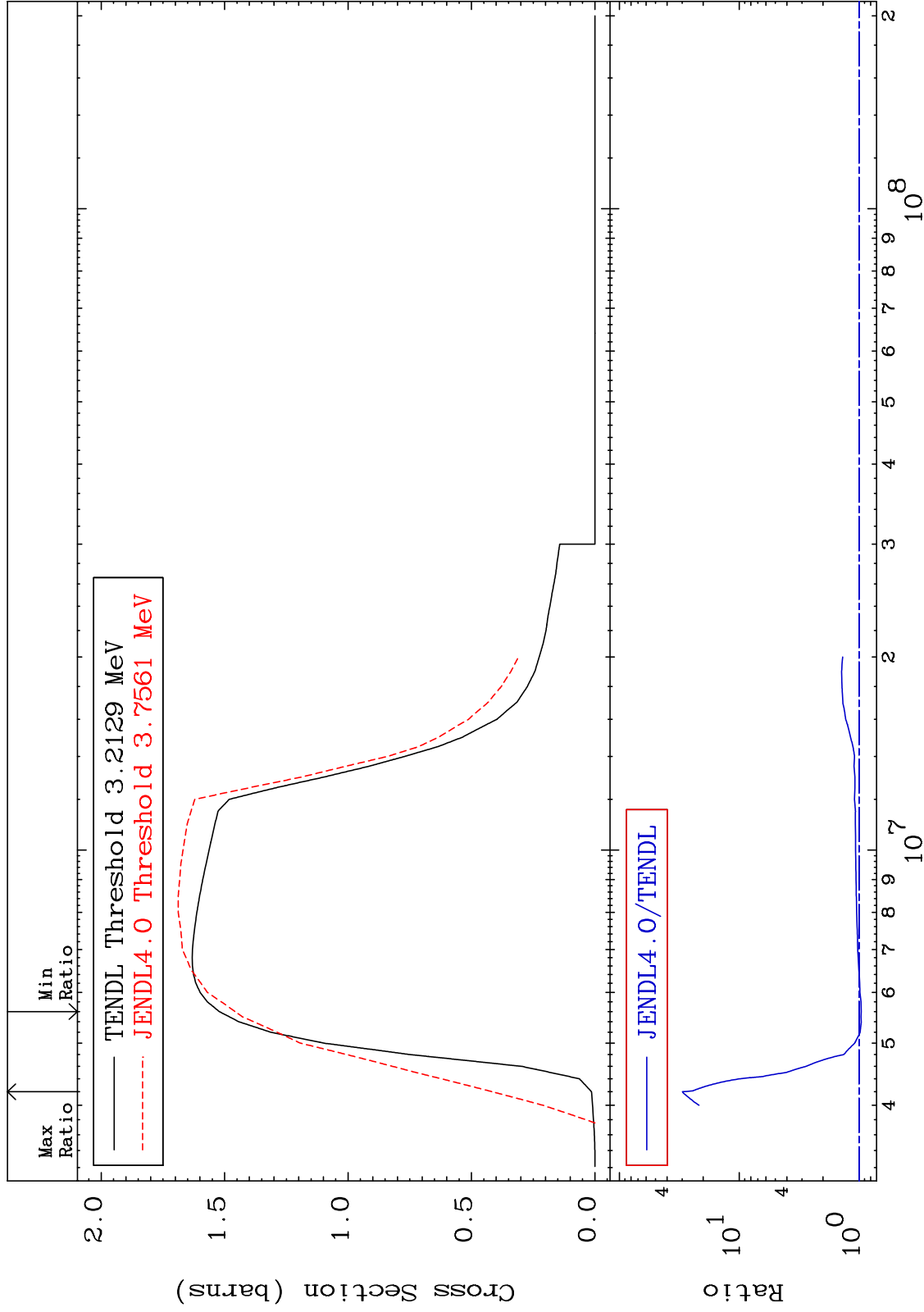
36-Kr-80
-88.73 To 222.5 %



MAT 3631

(n,n') Continuum
Cross Section

36-Kr-80
-4.225 To 2879. %



24

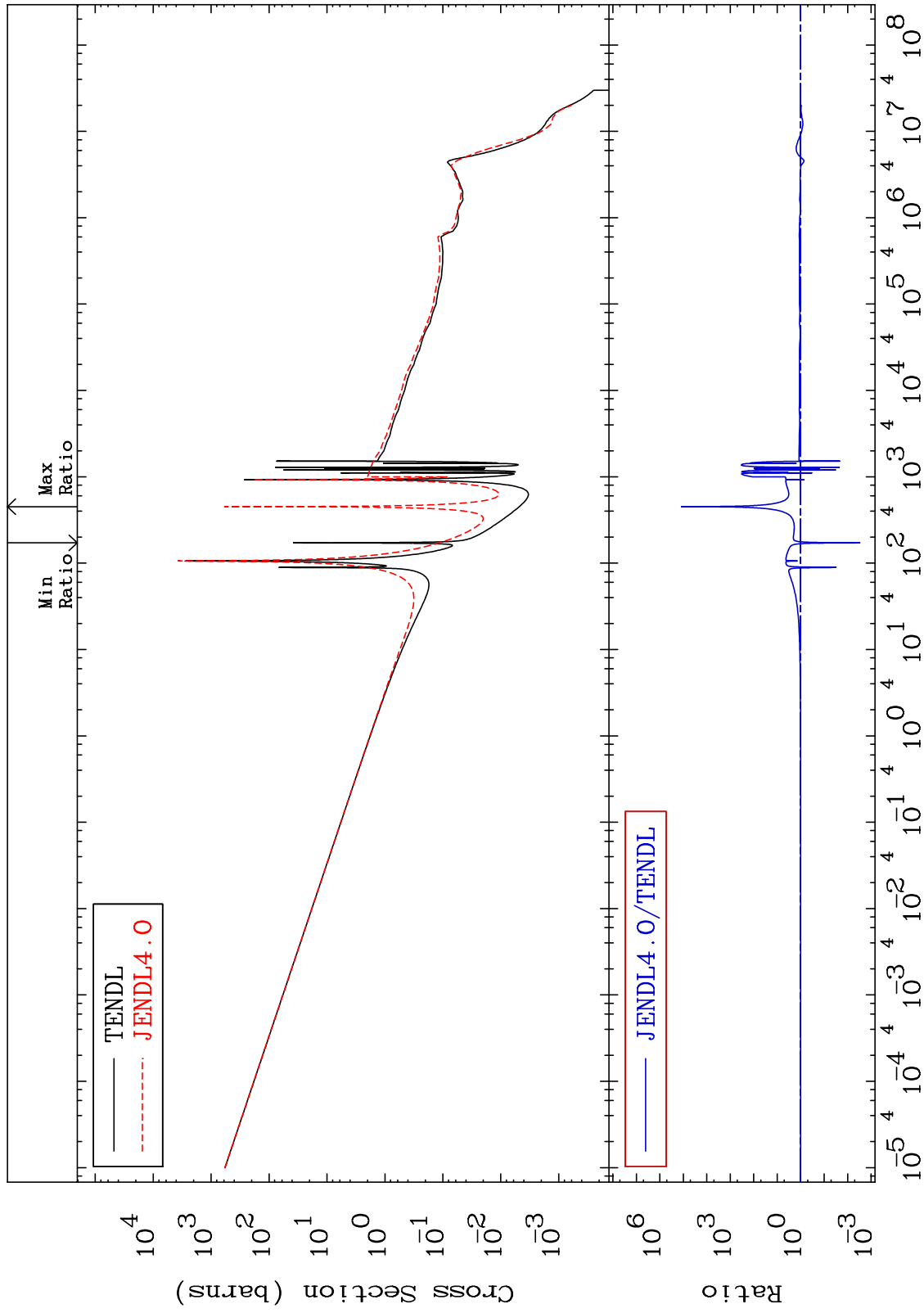
Incident Energy (eV)

36-Kr-80

MAT 3631

(n, γ) Cross Section

36-Kr-80
-99.70 To 9999. %



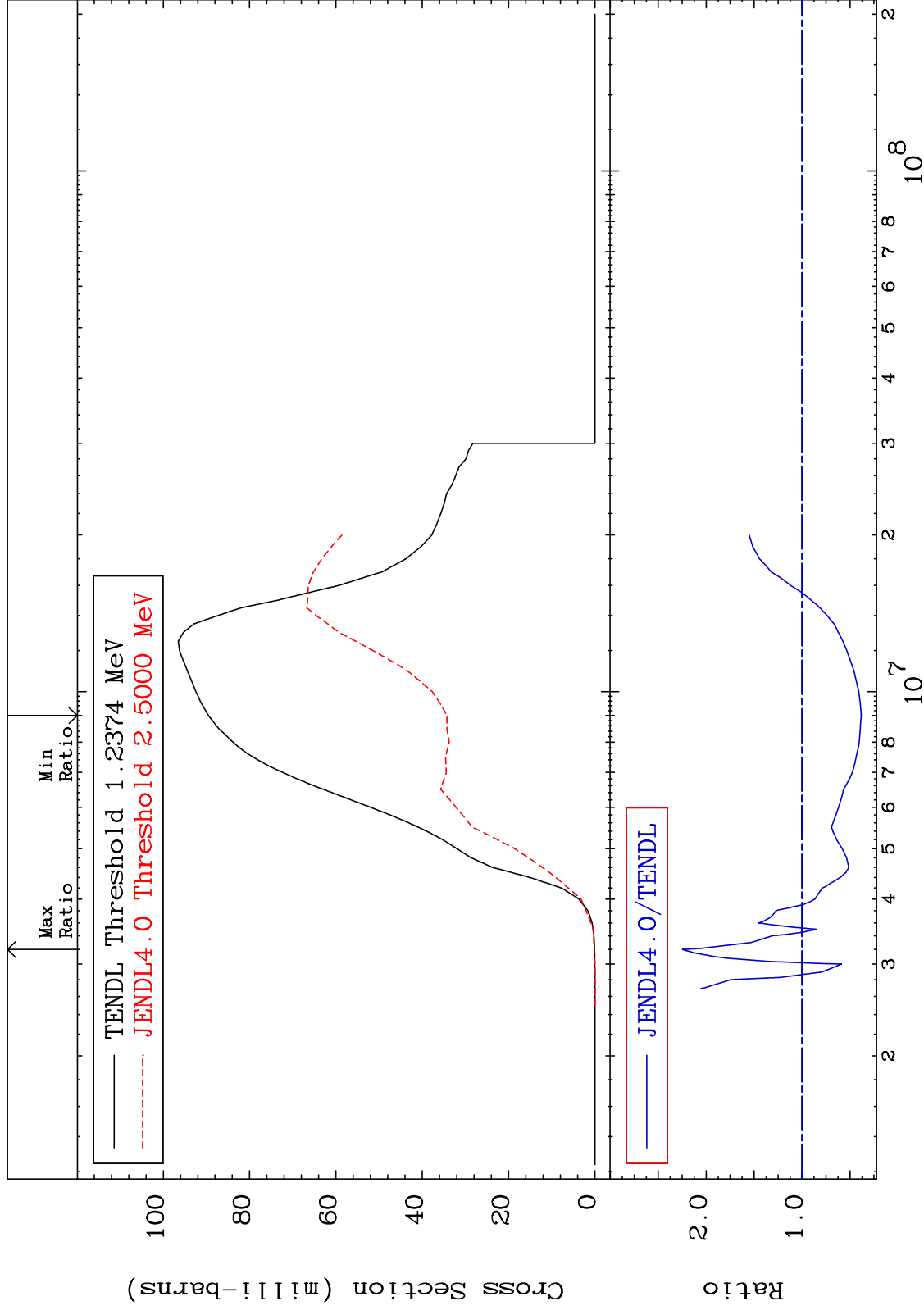
MAT 3631

(n,p)

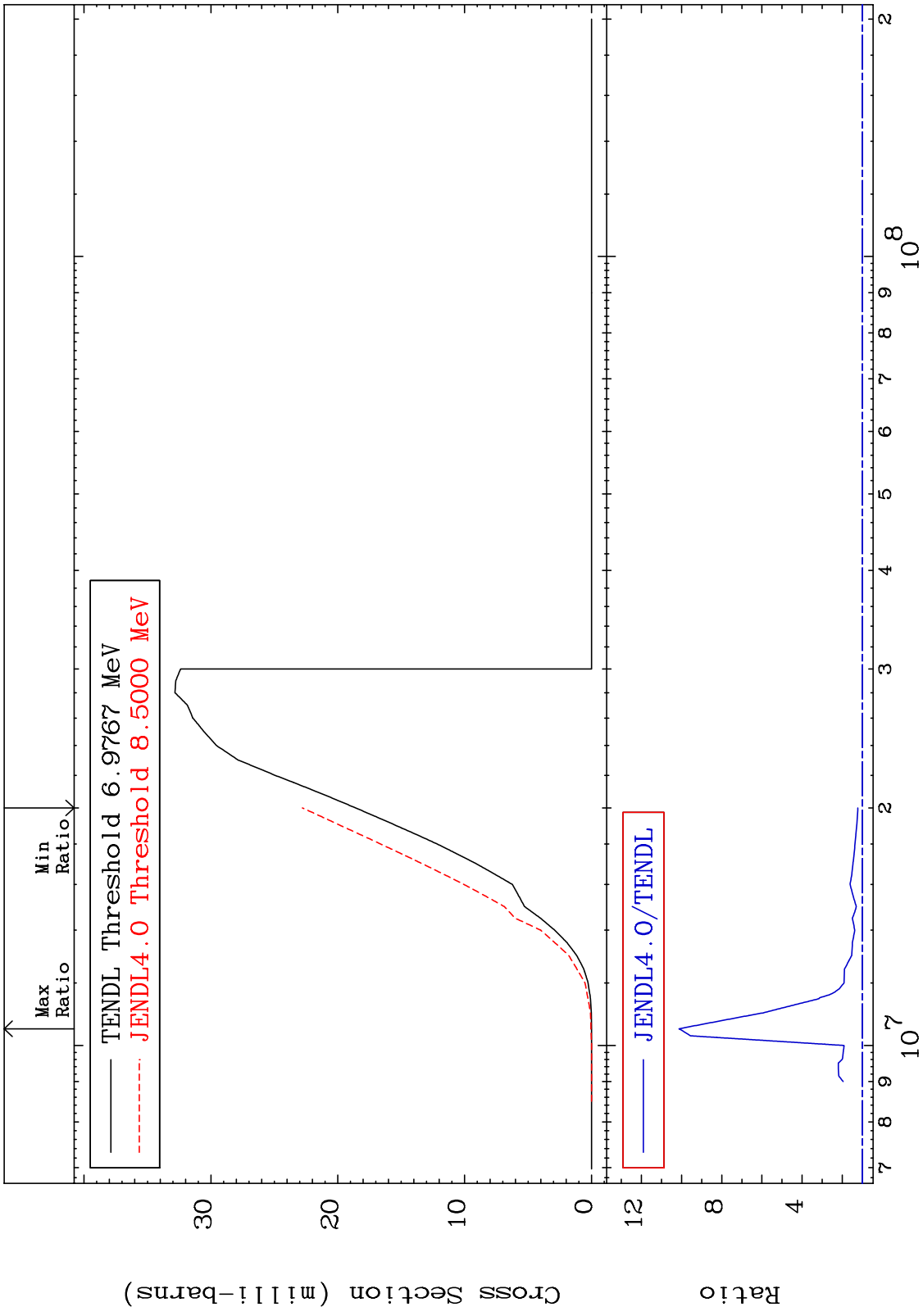
³⁶Kr-80

Cross Section

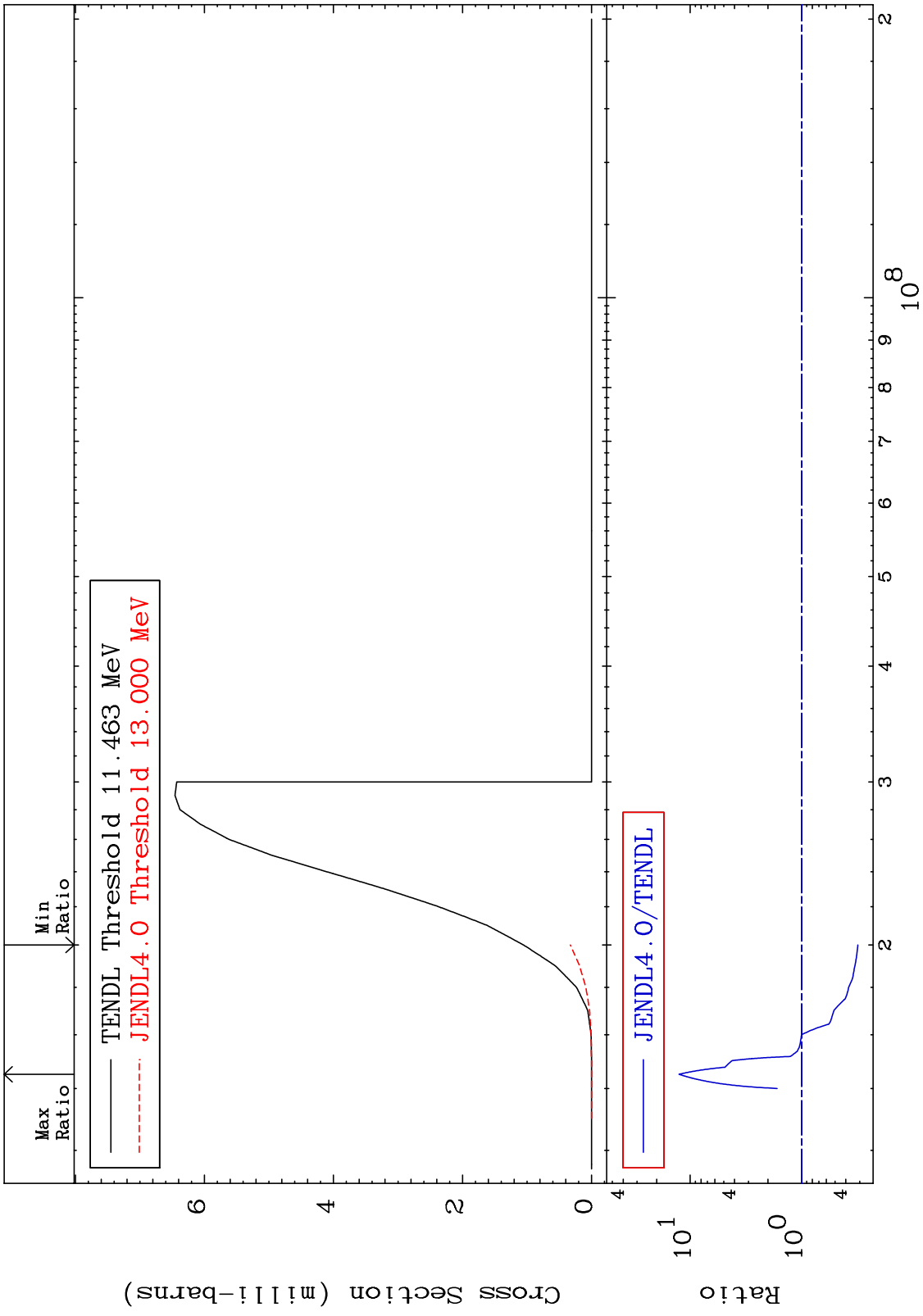
-61.72 To 124.7 %



MAT 3631 (n,d) Cross Section 36-Kr-80 22.60 To 912.5 %



MAT 3631 (n,t) 36-Kr-80
 Cross Section -68.79 To 1160. %



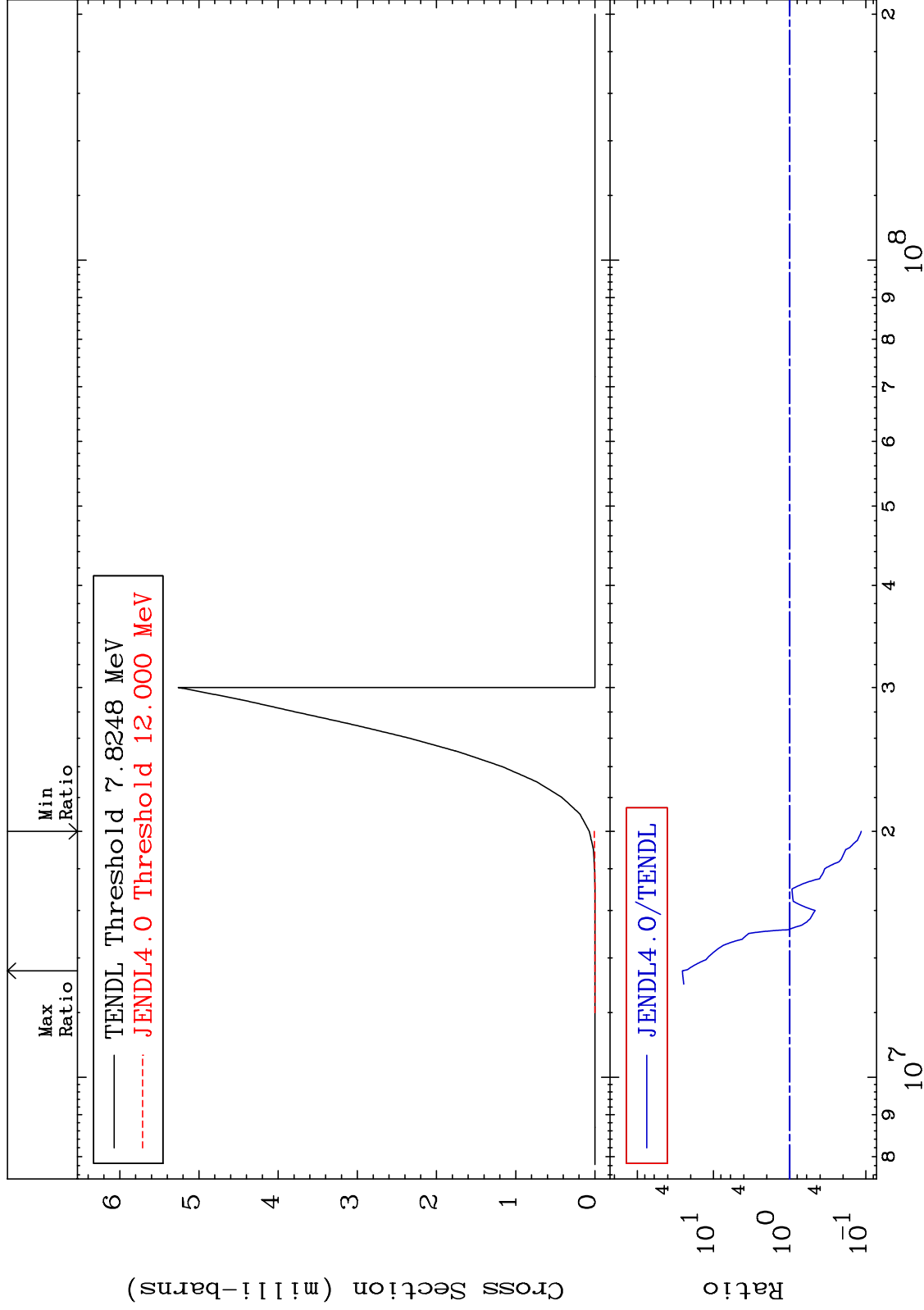
MAT 3631

(n, He-3)

36-Kr-80

Cross Section

-88.50 To 2458. %



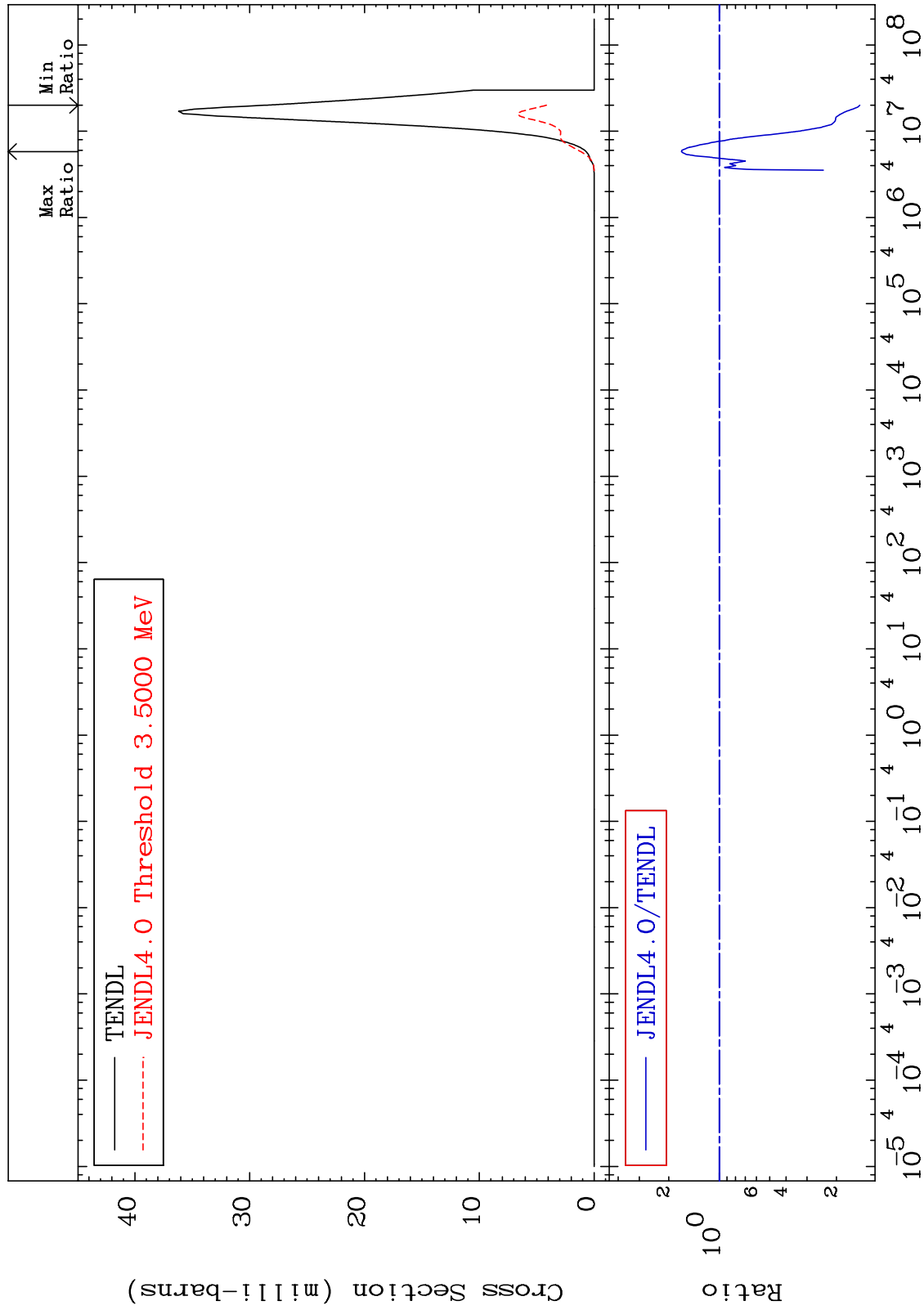
MAT 3631

(n,α)

36-Kr-80

Cross Section

-85.47 To 68.02 %



30

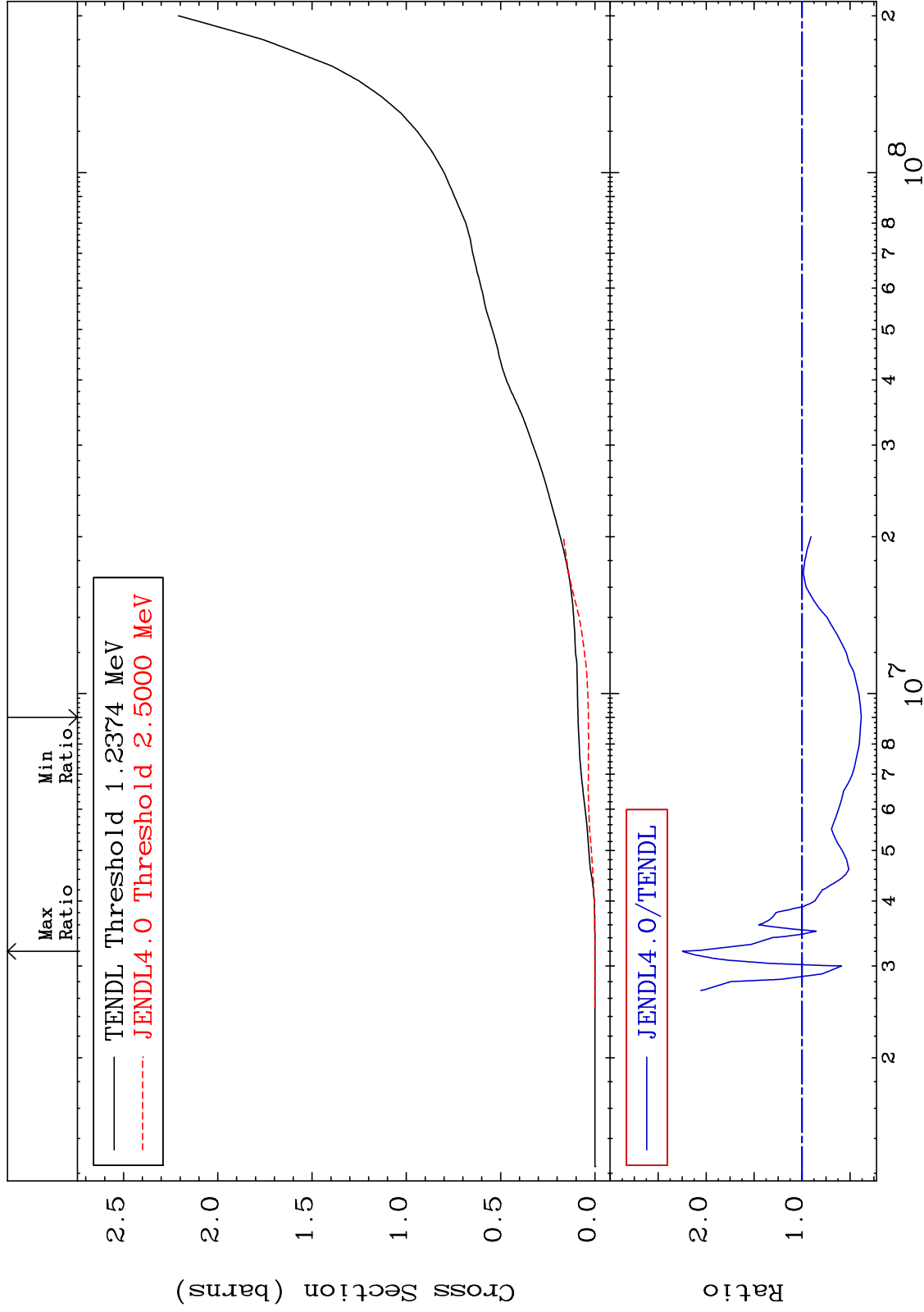
Incident Energy (eV)

36-Kr-80

MAT 3631

Hydrogen Production
Cross Section

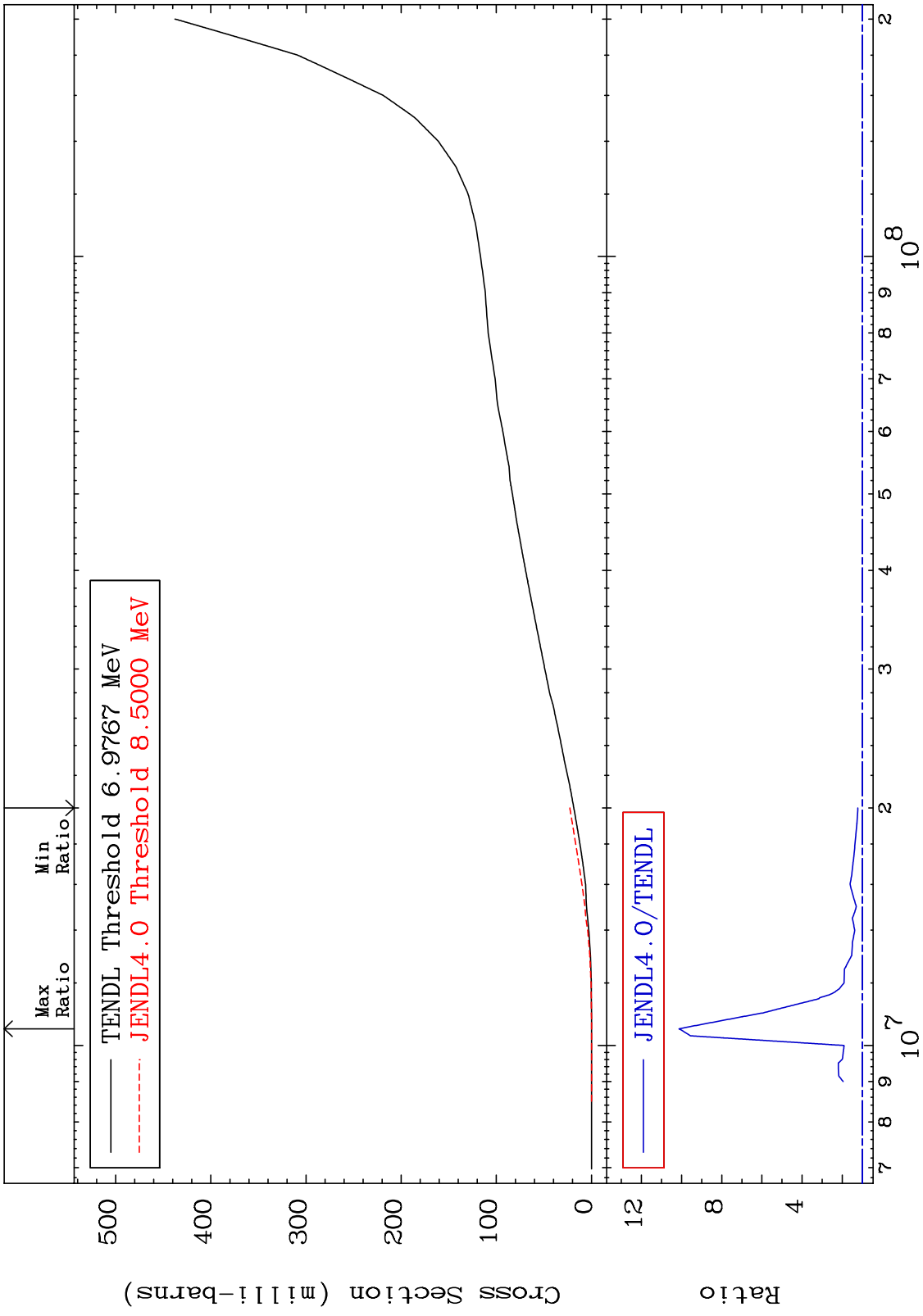
36-Kr-80
-61.72 To 124.7 %



31

Incident Energy (eV)

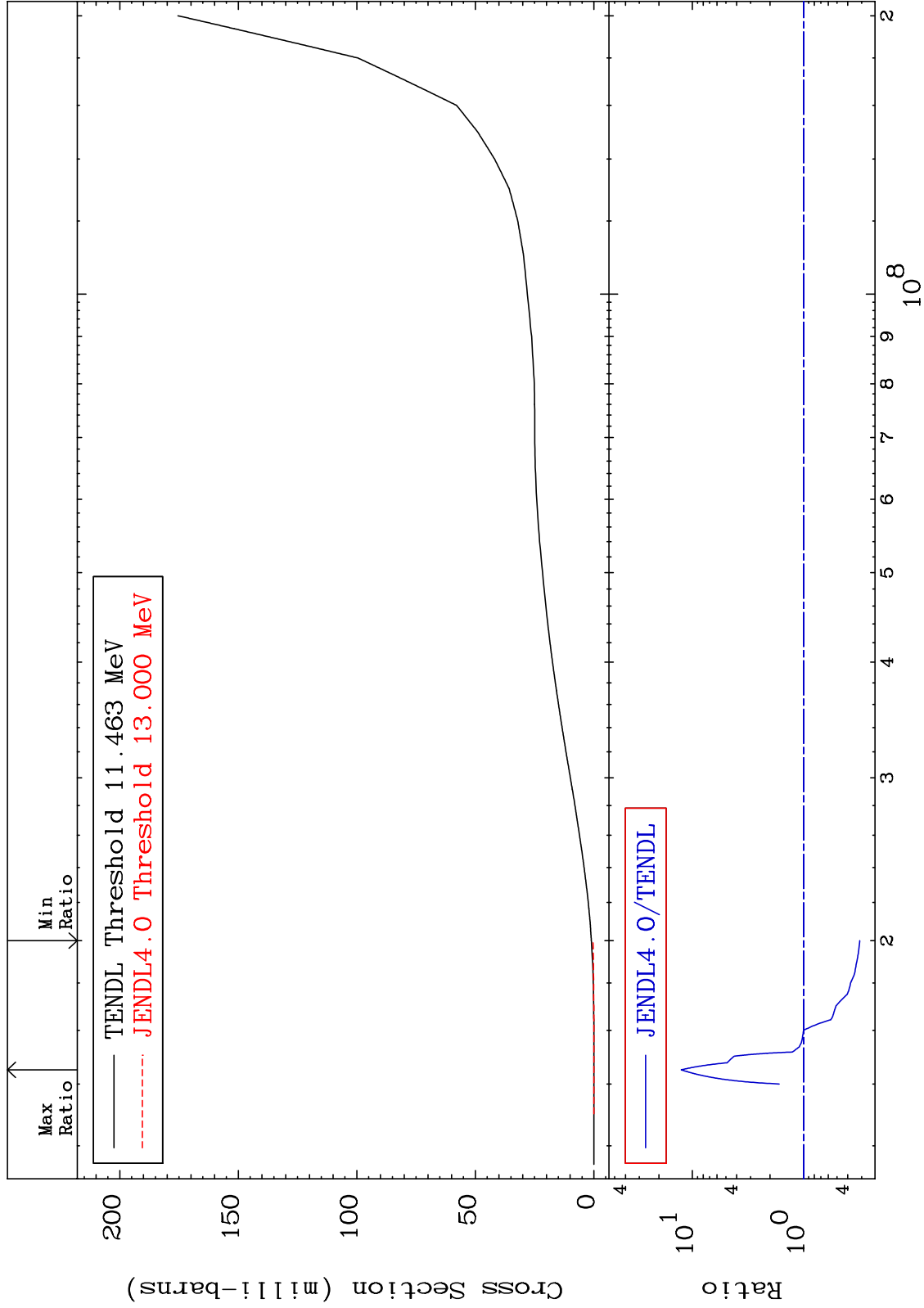
36-Kr-80



MAT 3631

Tritium Production
Cross Section

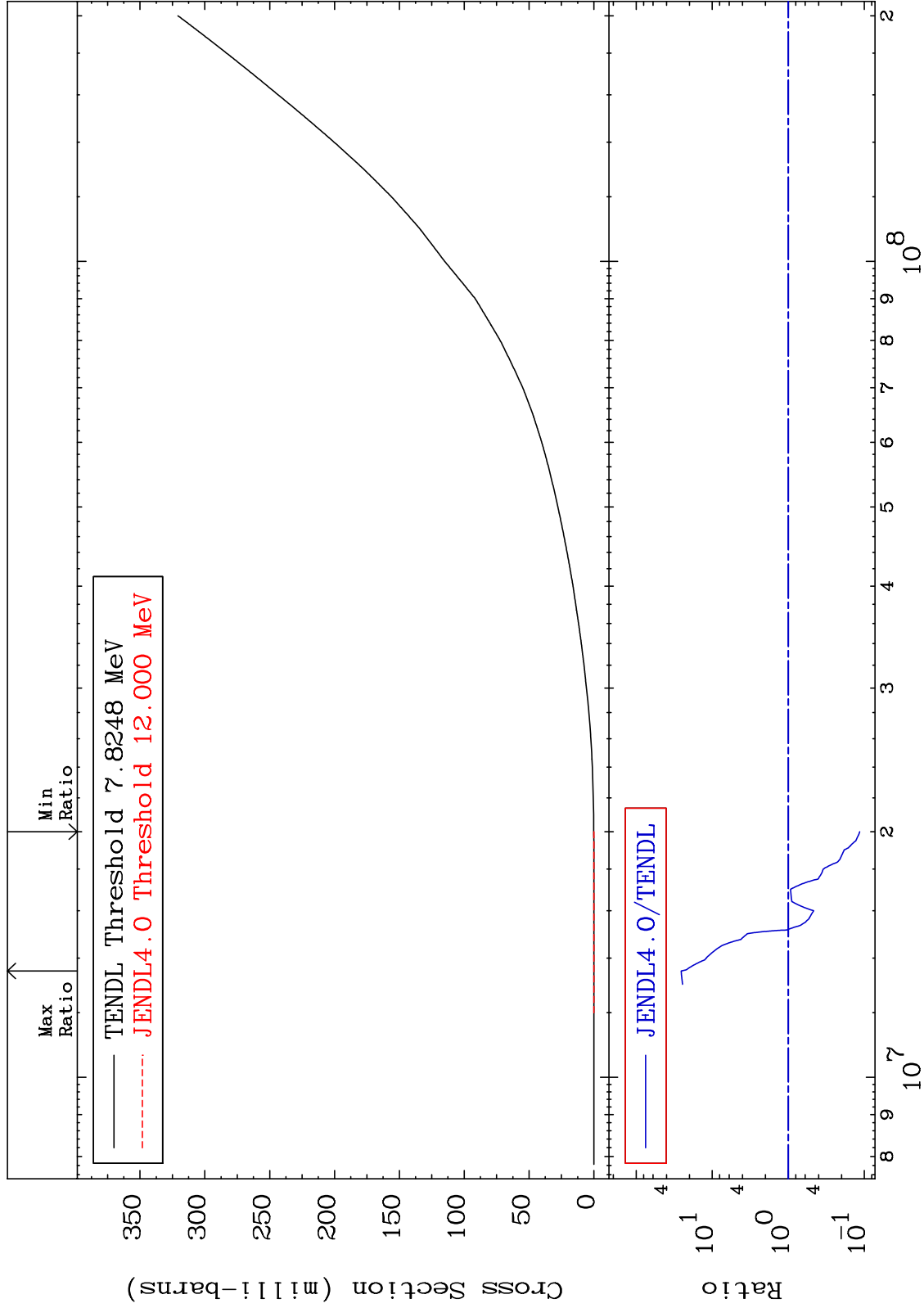
³⁶Kr-80
-68.79 To 1160. %



MAT 3631

He-3 Production
Cross Section

36-Kr-80
-88.50 To 2458. %



34

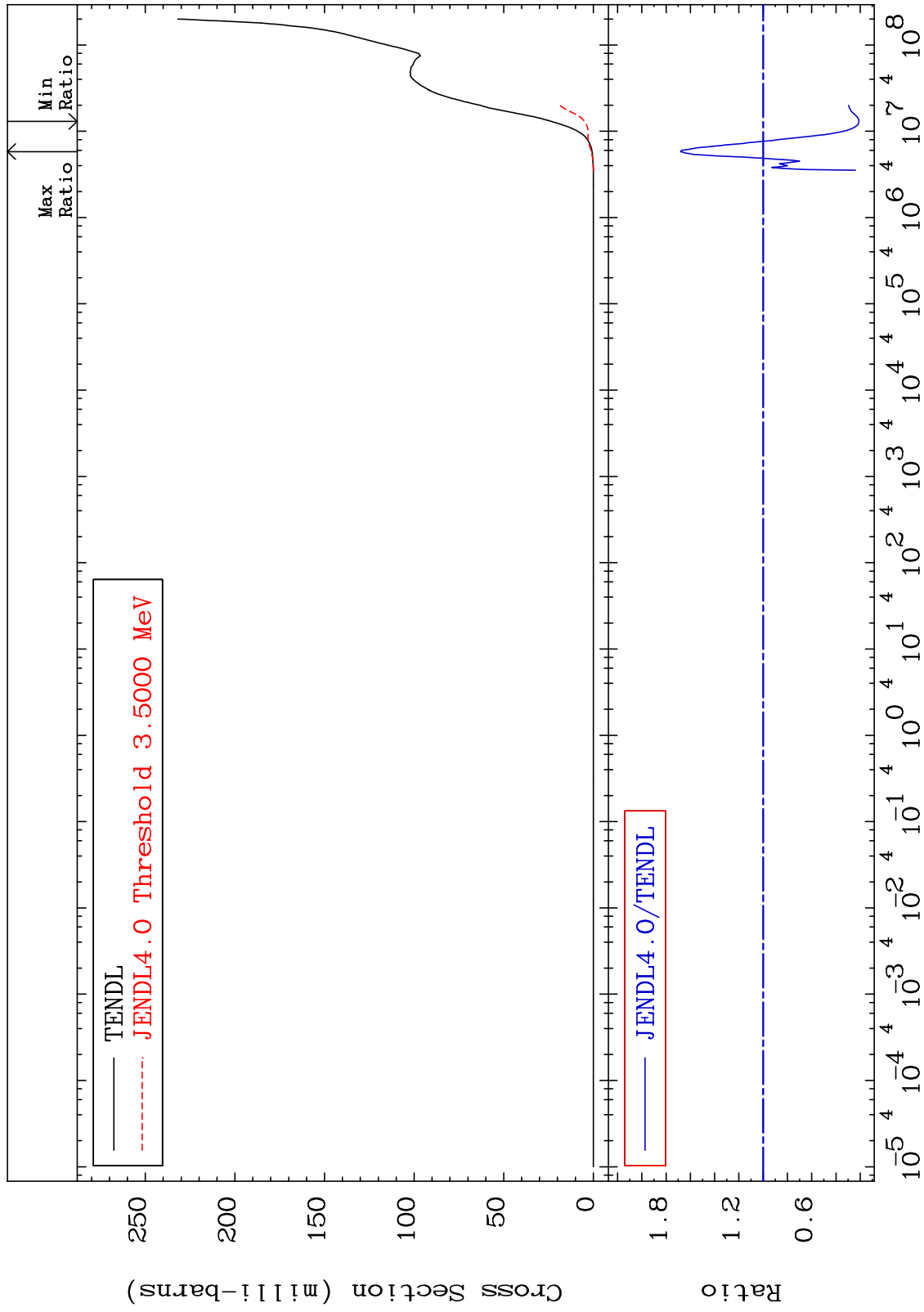
Incident Energy (eV)

36-Kr-80

MAT 3631

He-4 Production
Cross Section

36-Kr-80
-78.99 To 68.02 %

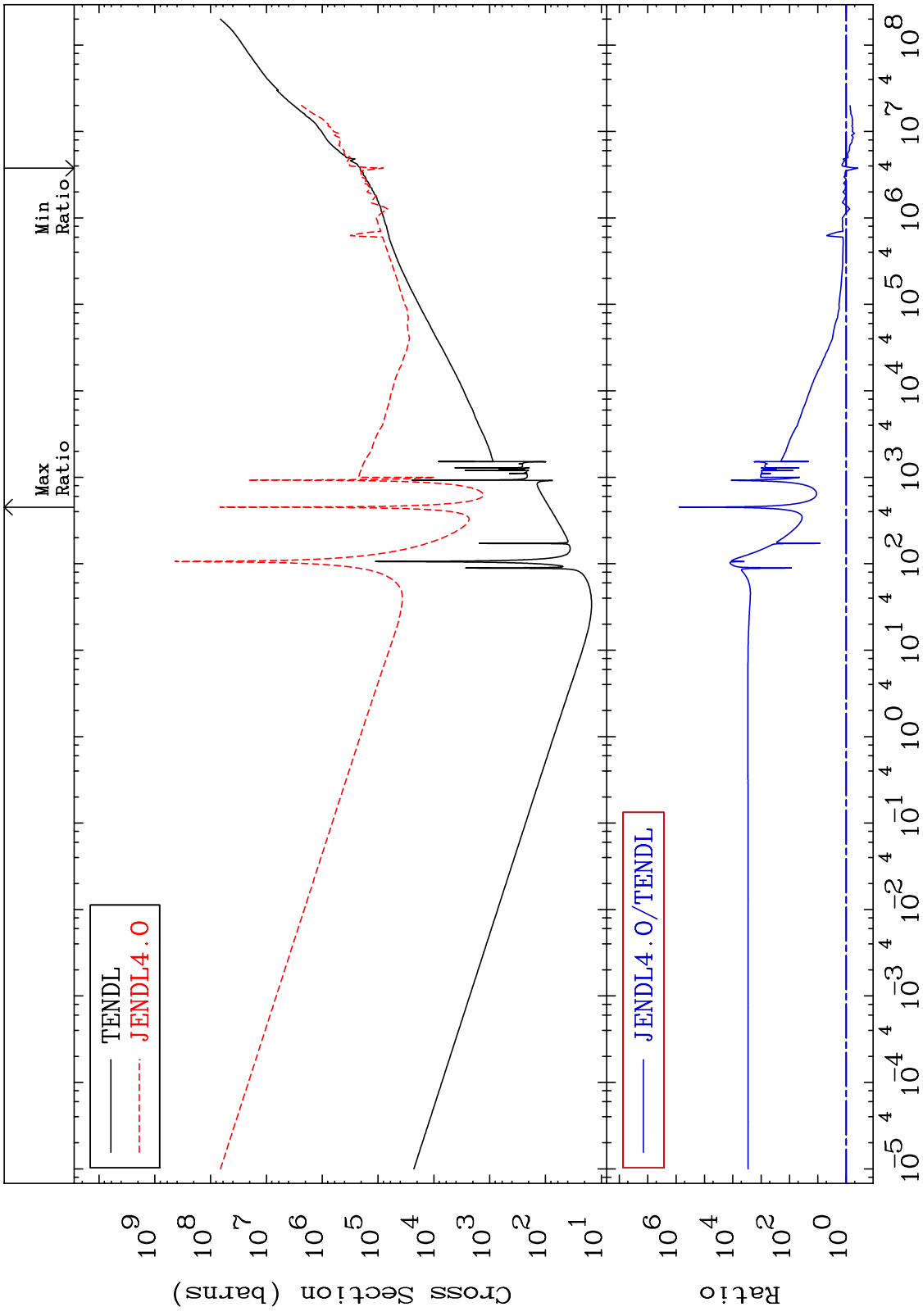


35

Incident Energy (eV)

36-Kr-80

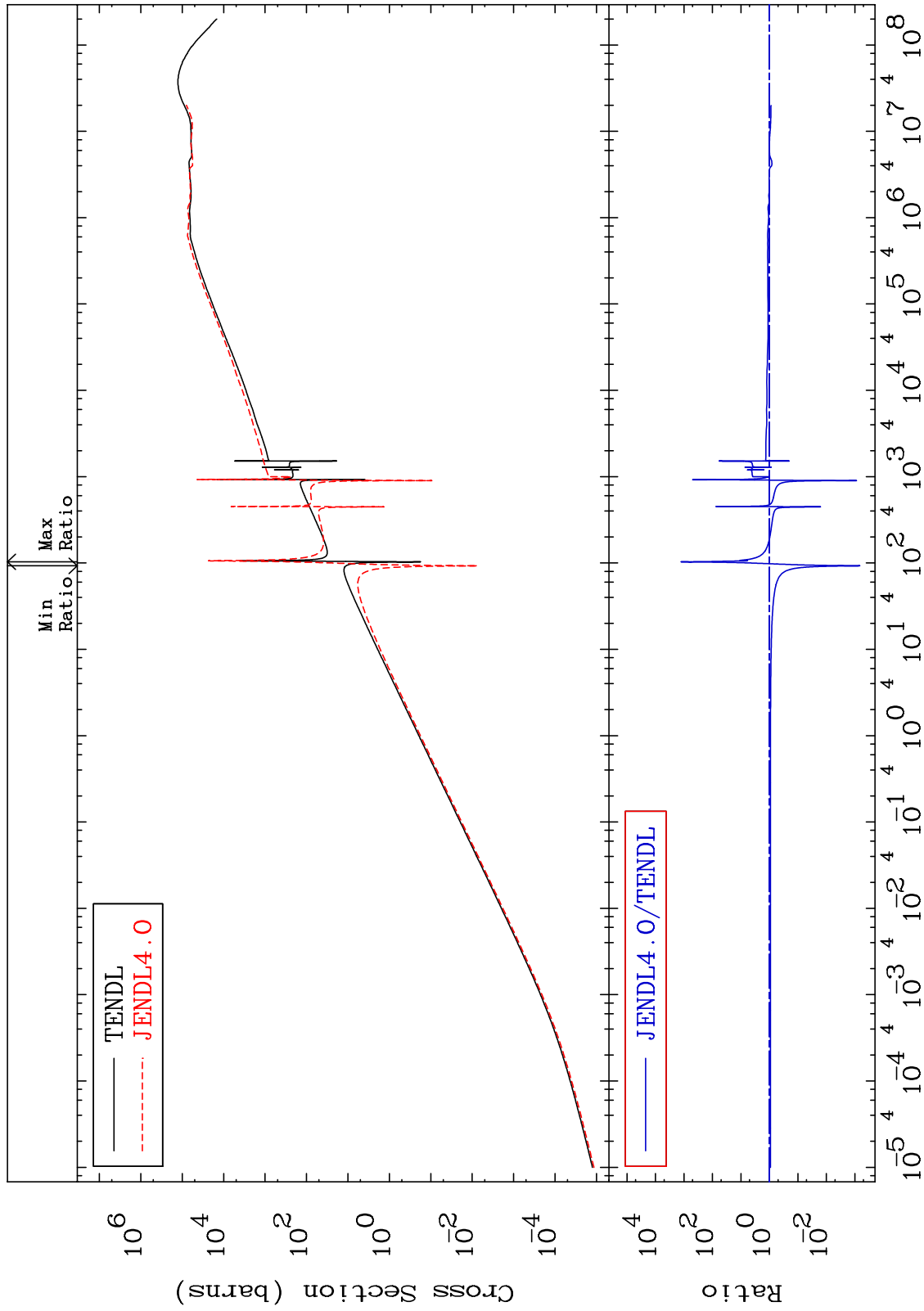
MAT 3631 Kerma total (eV-barns) Cross Section 36-Kr-80
 -61.06 To 9999. %



MAT 3631

Kerma elastic
Cross Section

36-Kr-80
-99.93 To 9999. %

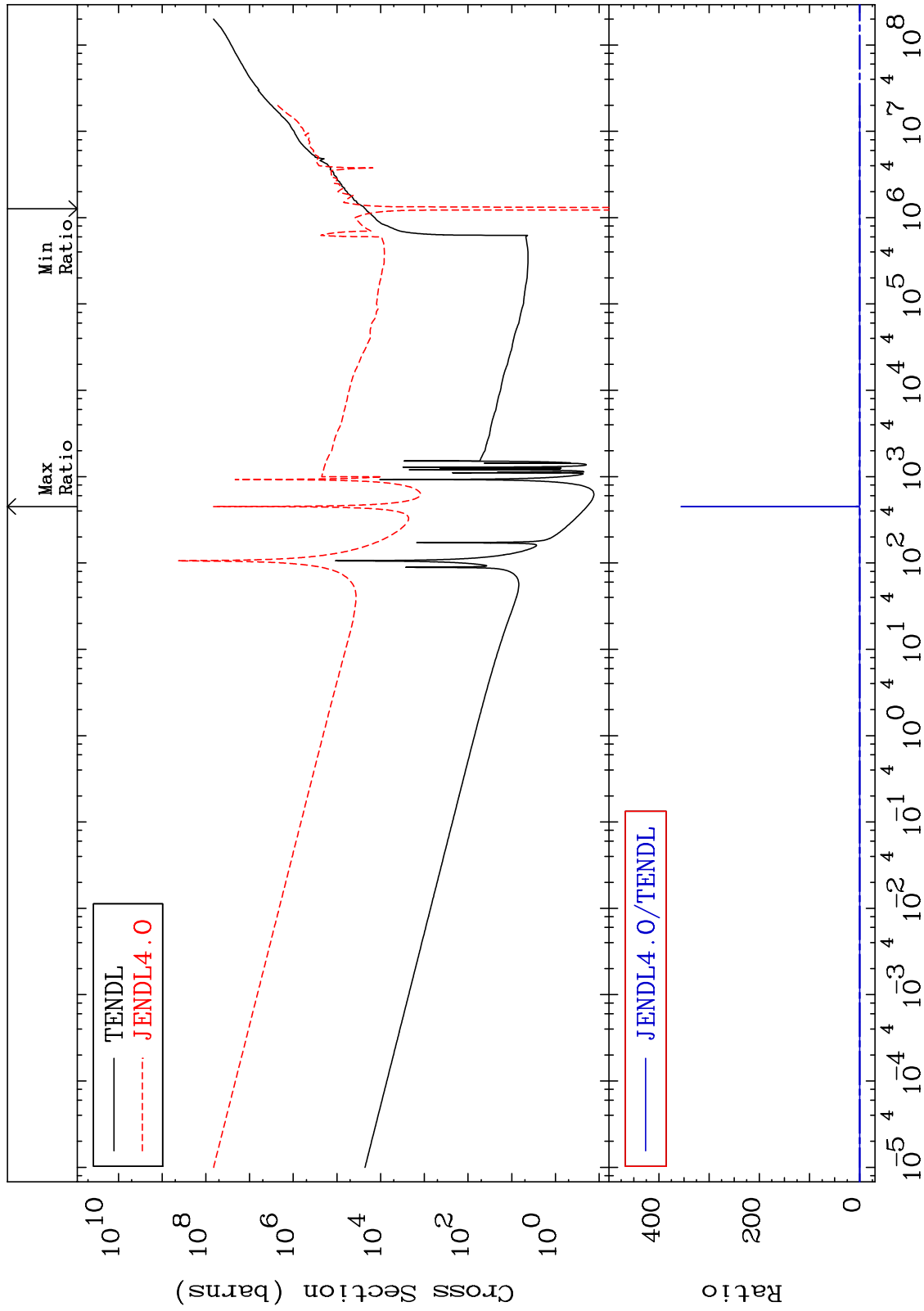


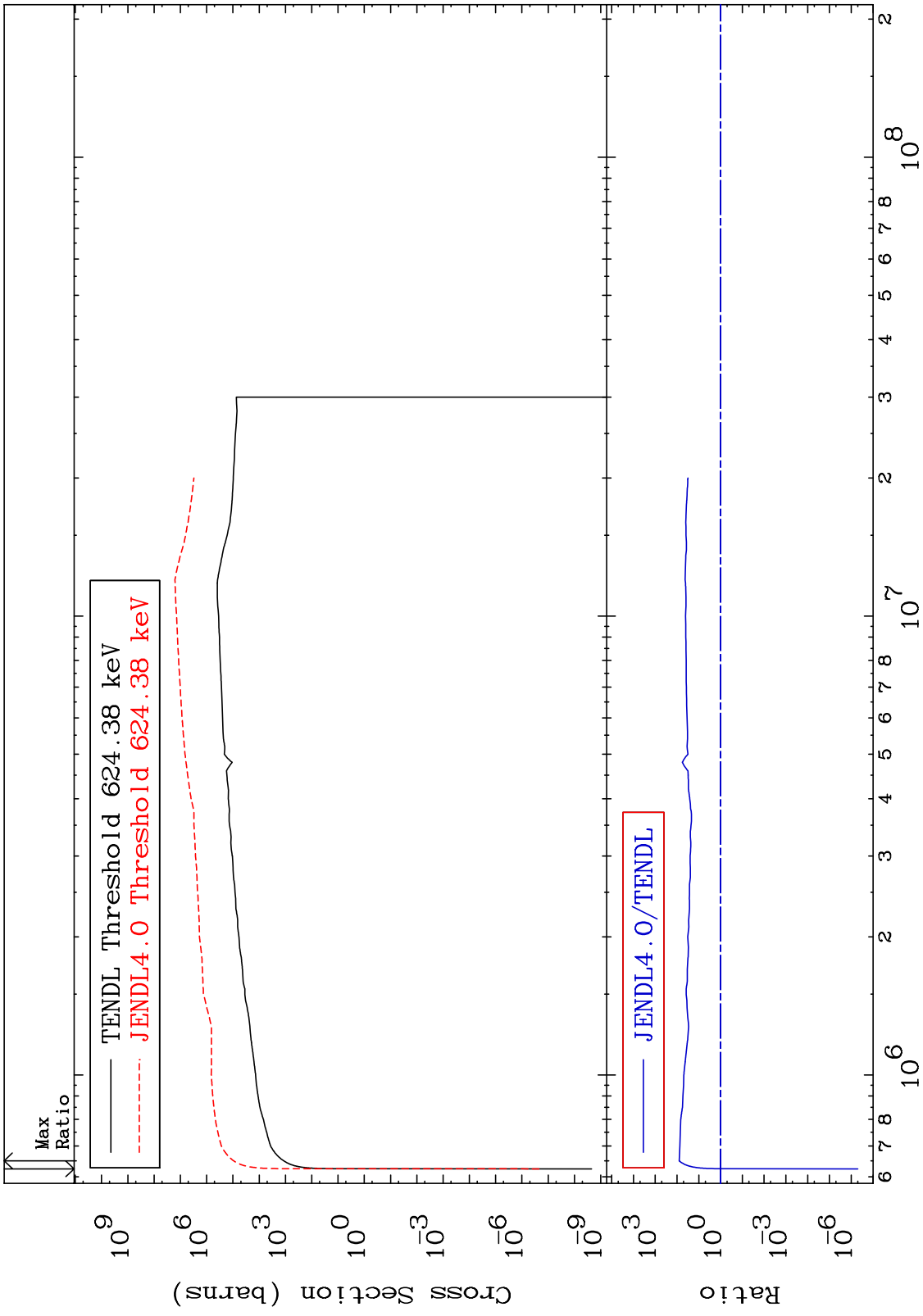
MAT 3631

Kerma non-elastic (all but mt2)

36-Kr-80

-129.6 To 9999. %

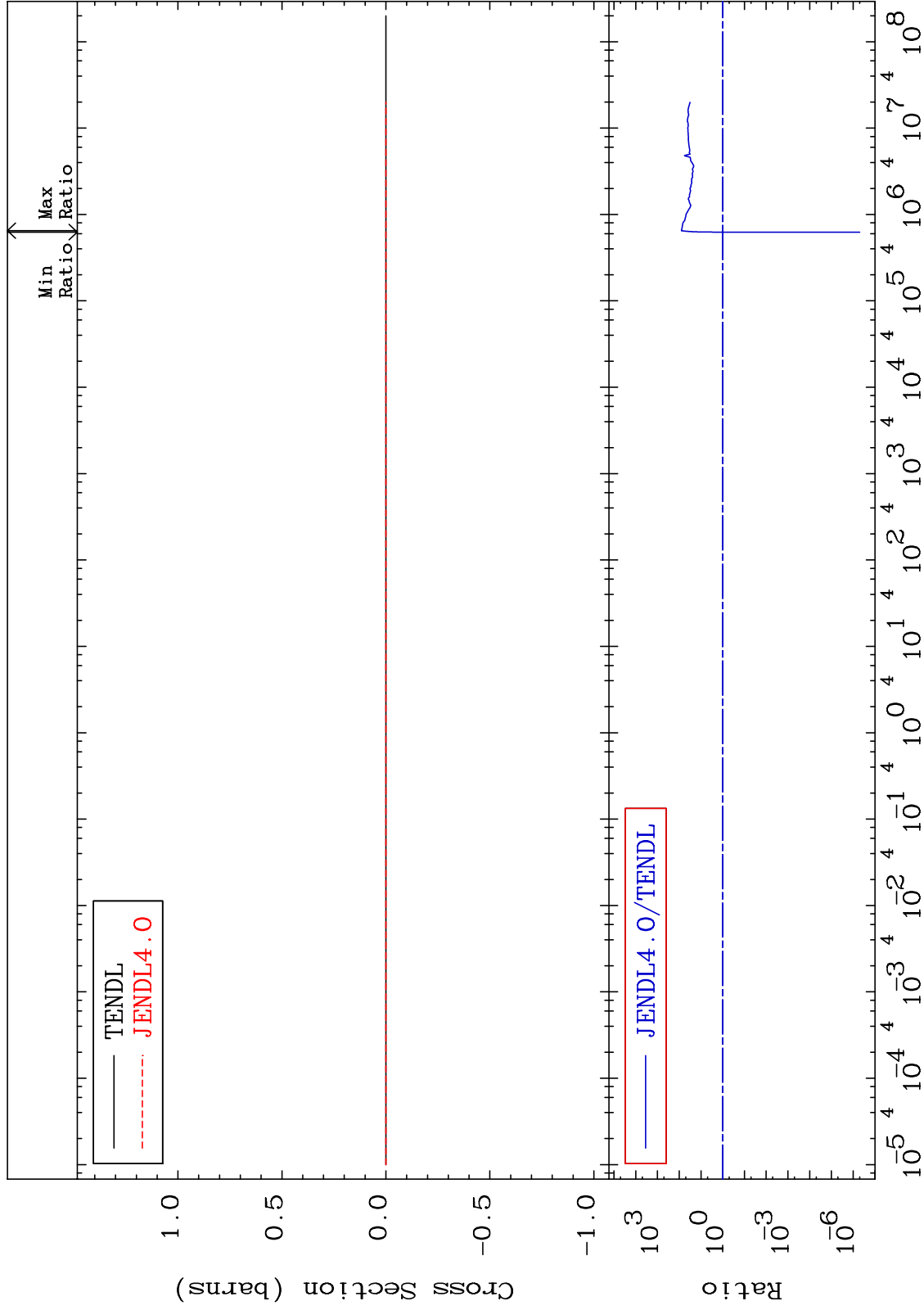




MAT 3631

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

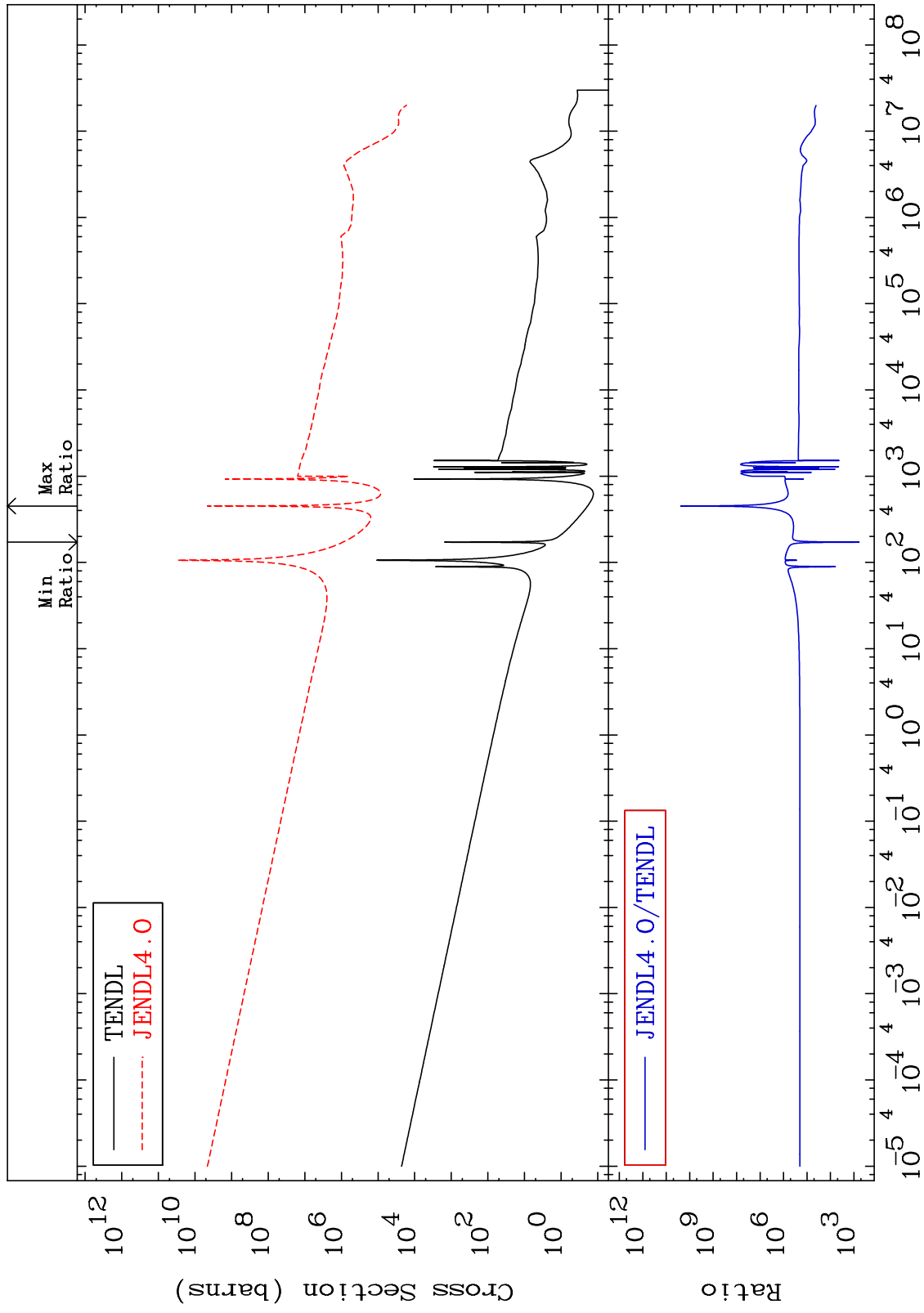
36-Kr-80
-100.0 To 7953. %



MAT 3631

Kerma capture (mt102)
Cross Section

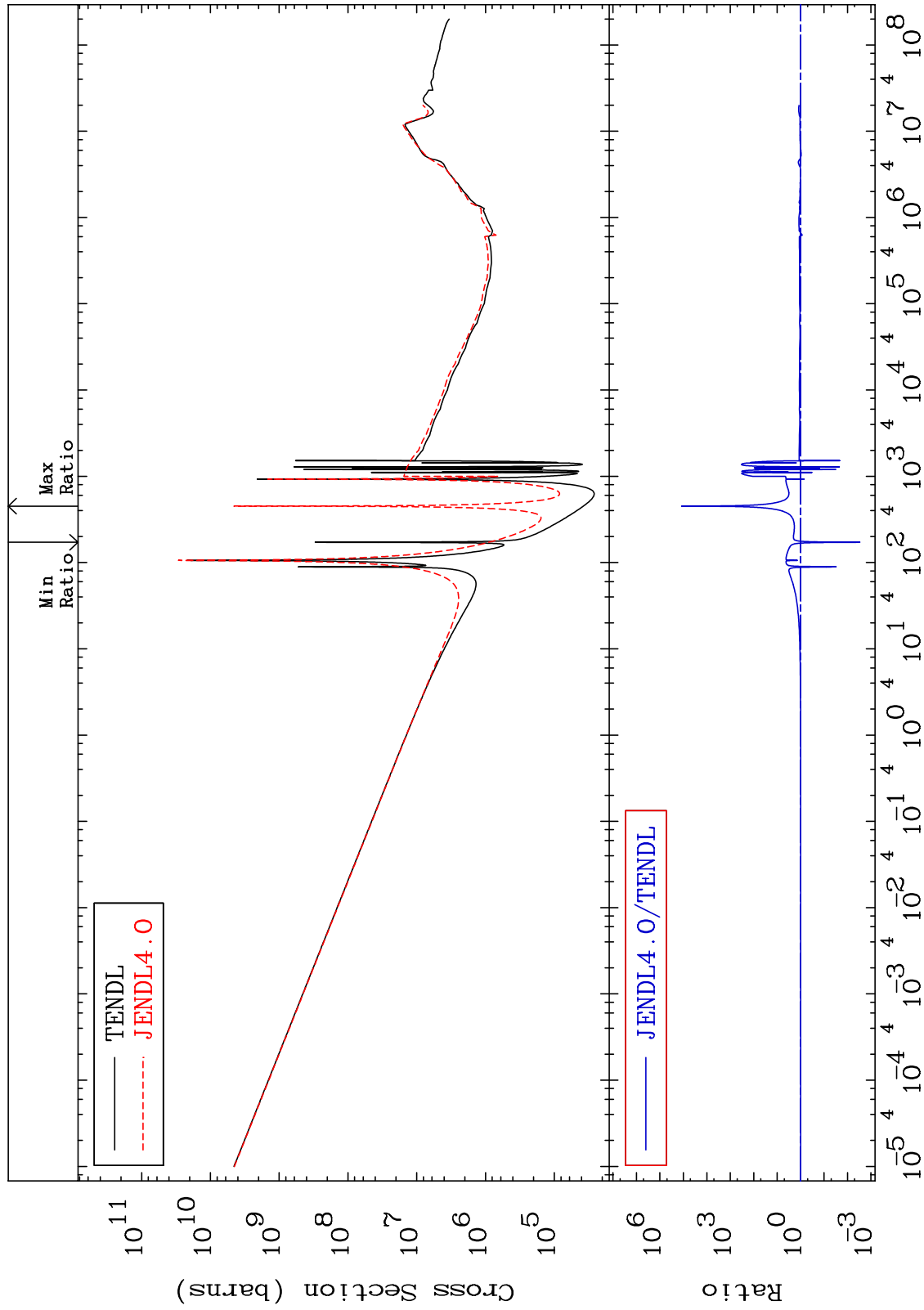
36-Kr-80
9999. To 9999. %



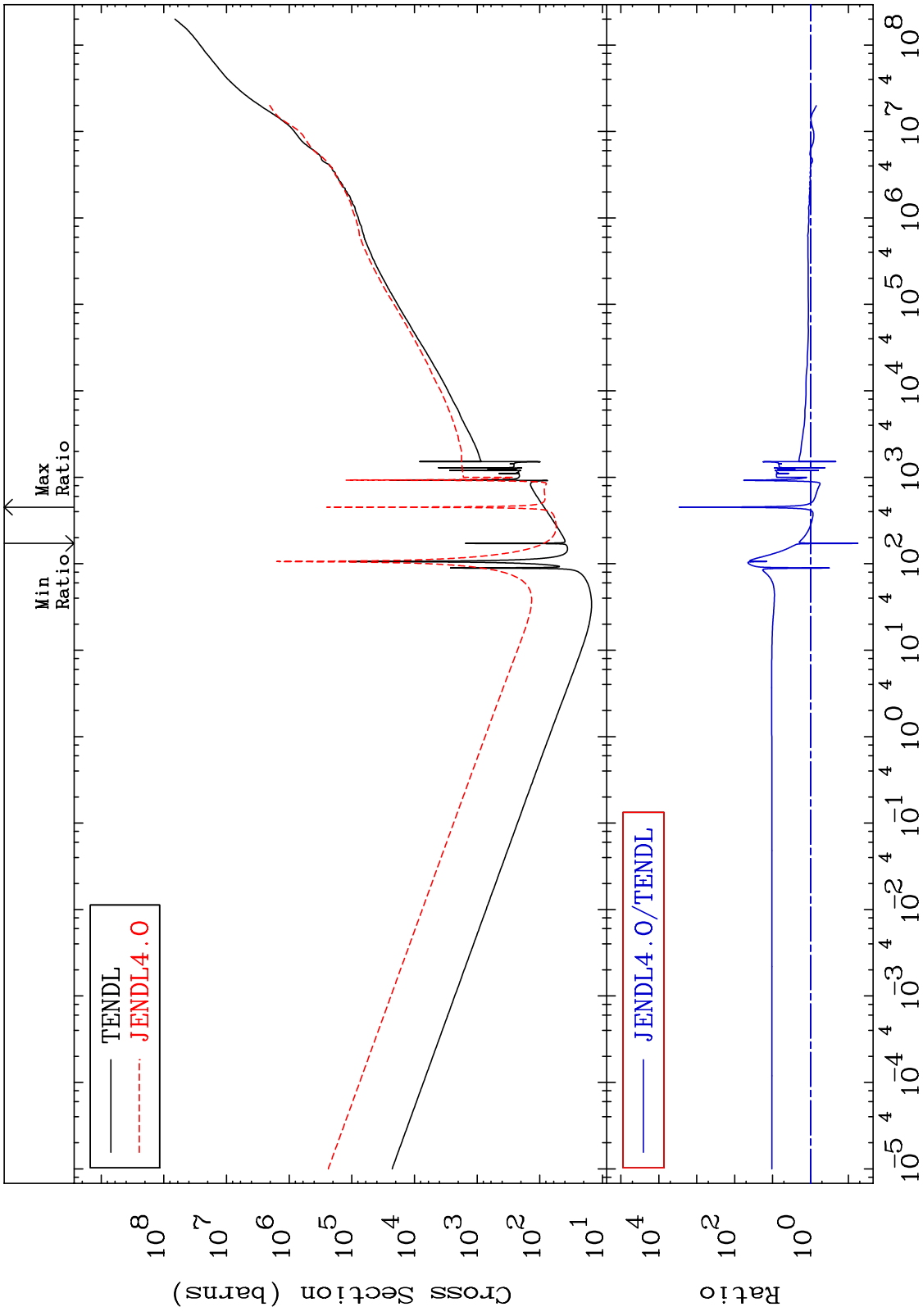
MAT 3631

Total photon (eV-barns)
Cross Section

36-Kr-80
-99.70 To 9999. %



MAT 3631 Total kinematic kerma (high limit) 36-Kr-80
 Cross Section -94.37 To 9999. %

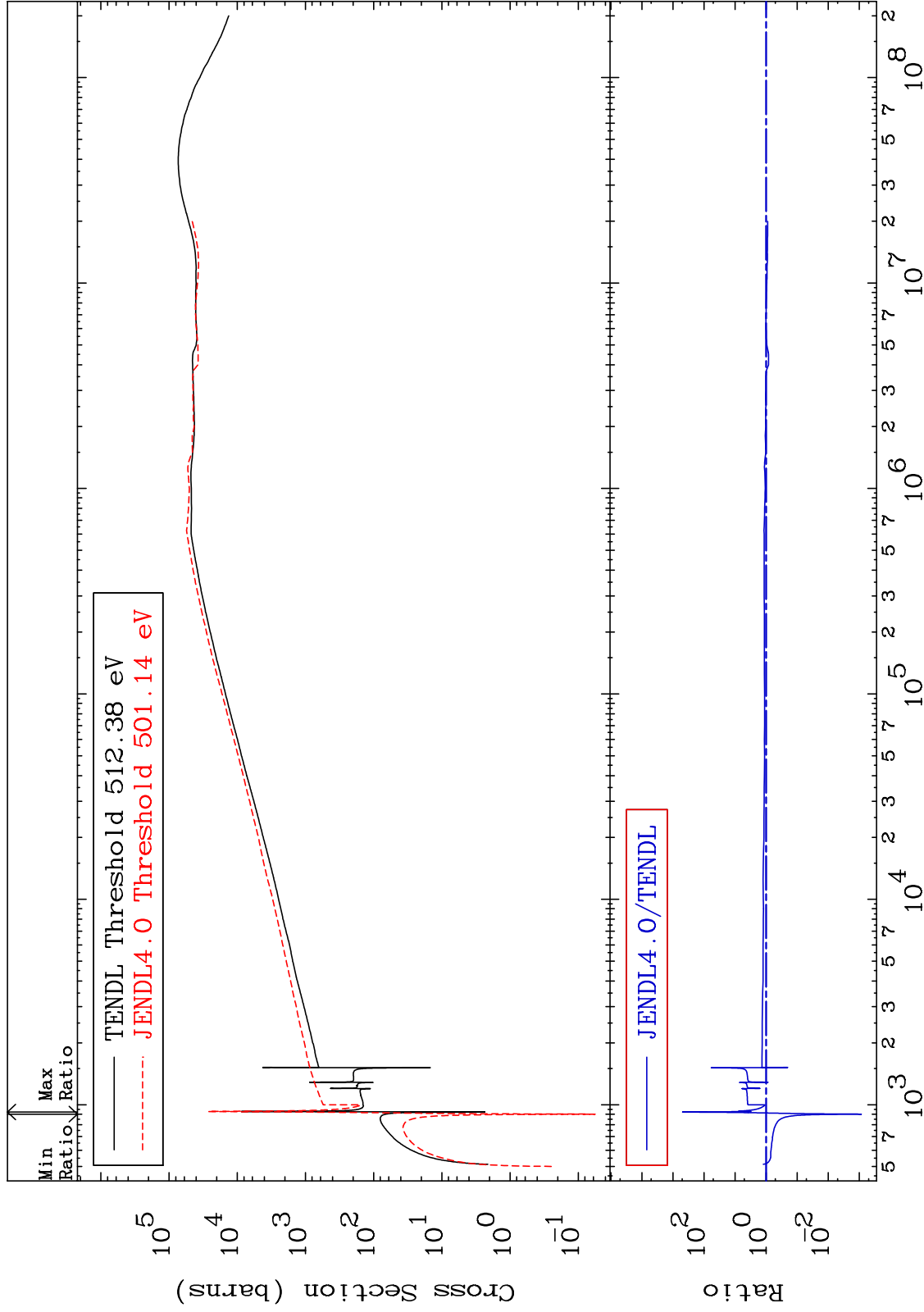


43 Incident Energy (eV) 36-Kr-80

MAT 3631

Dpa elastic (mt2)
Cross Section

36-Kr-80
-99.91 To 9999. %

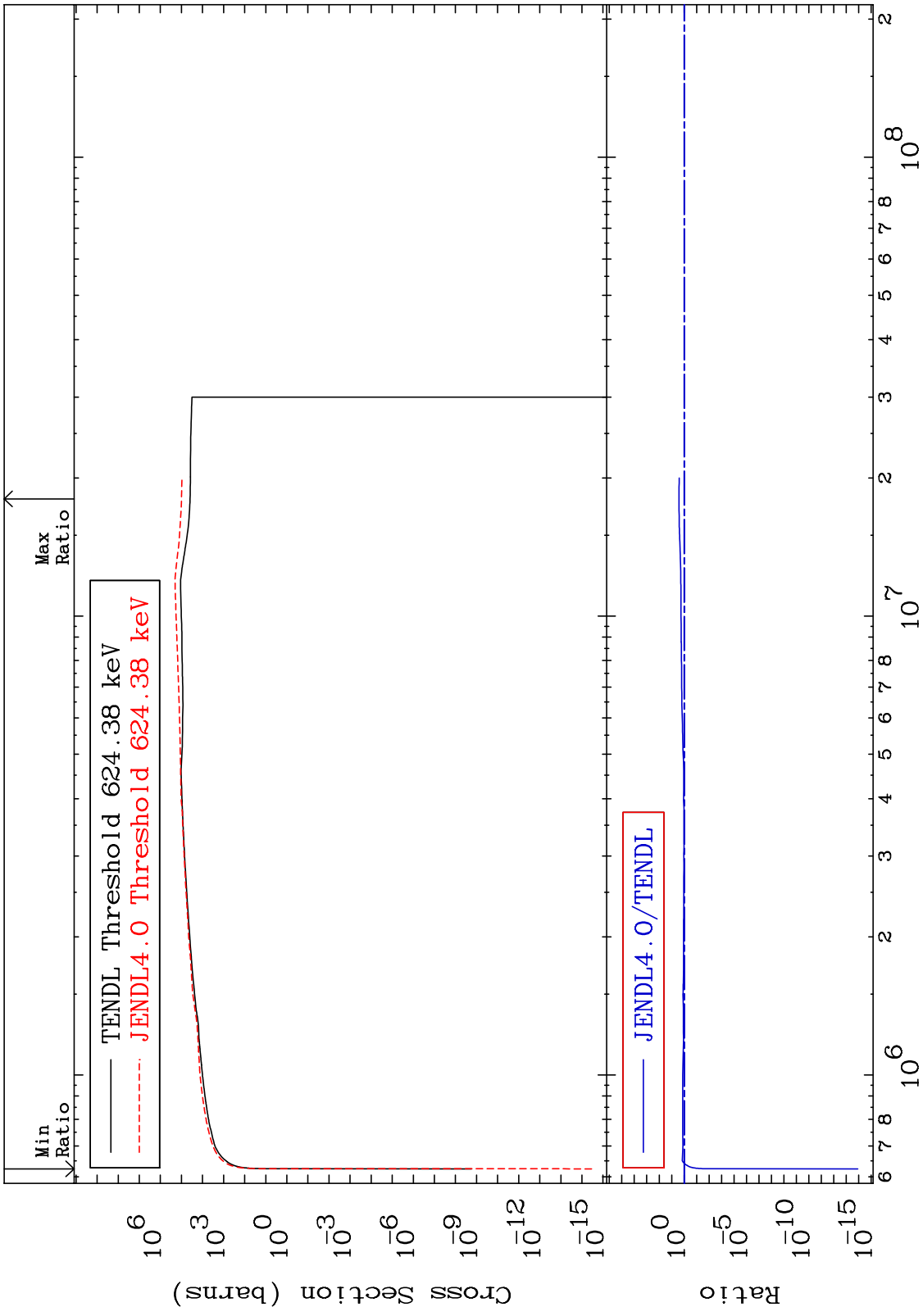


45

36-Kr-80

36-Kr-80

MAT 3631 Dpa inelastic (mt51-91) 36-Kr-80
 Cross Section -100.0 To 155.8 %



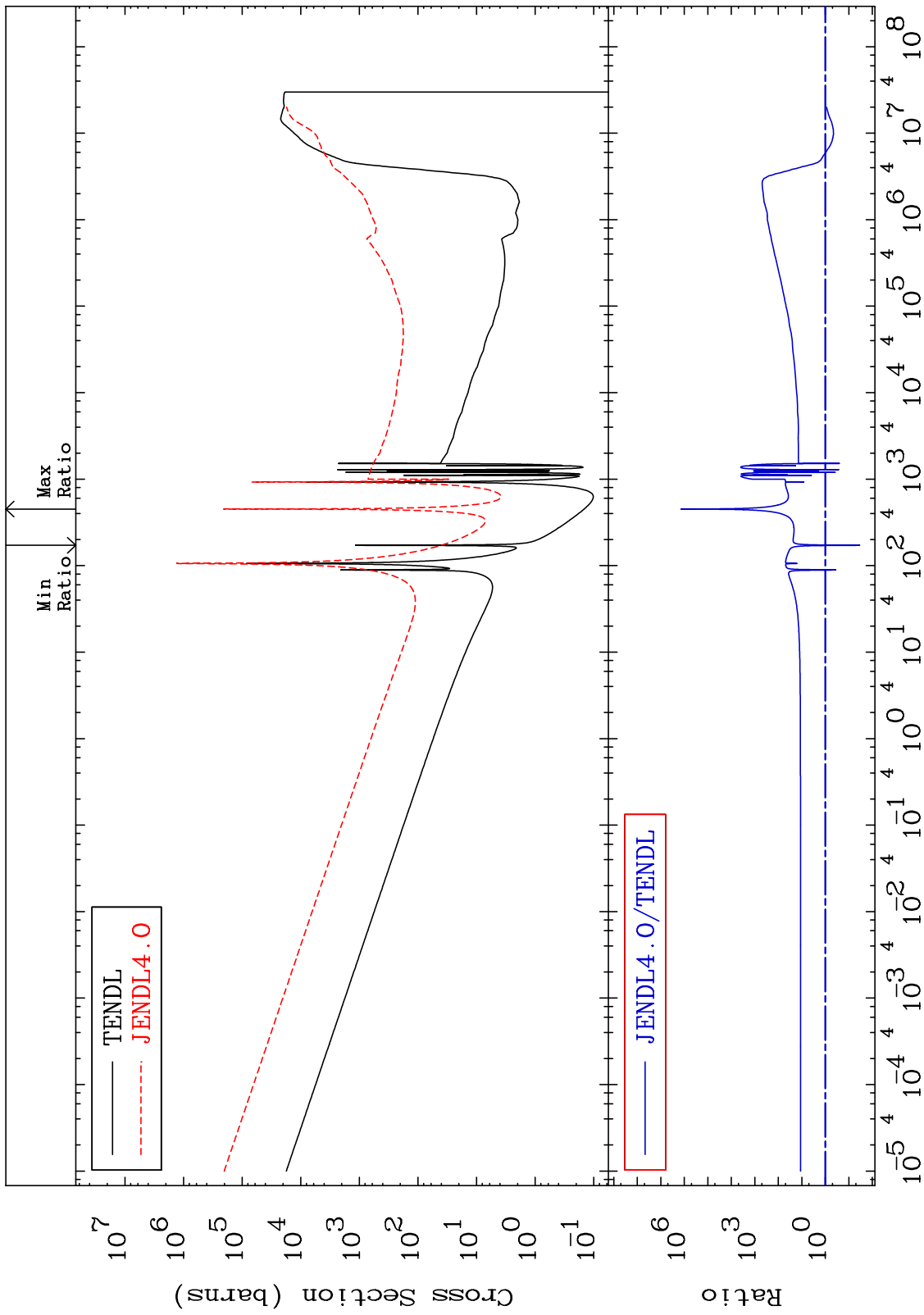
MAT 3631

Dpa disappearance (mt102 -120)

36-Kr-80

-96.52 To 9999. %

Cross Section



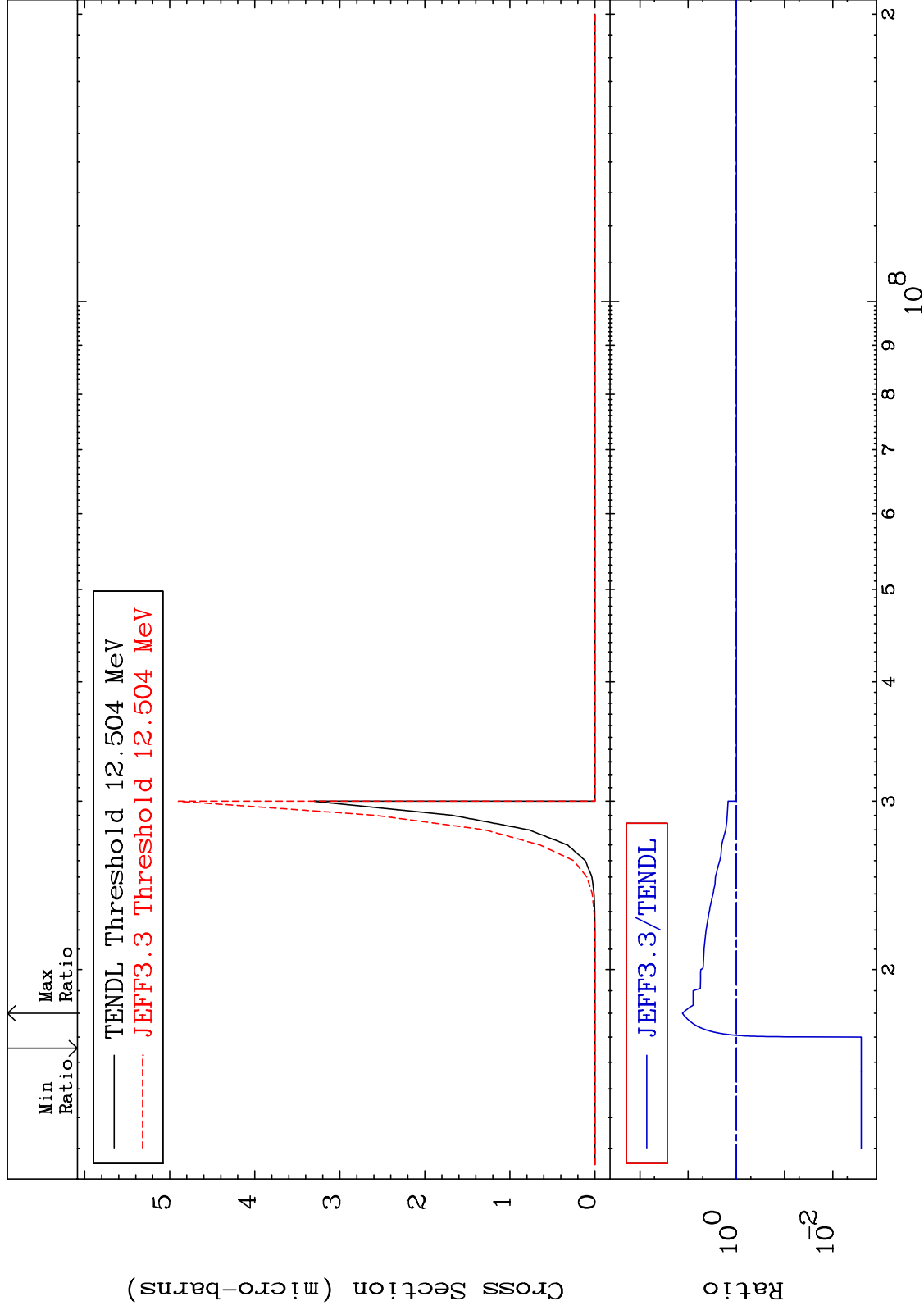
MAT 3631

(n,d) α

36-Kr-80

Cross Section

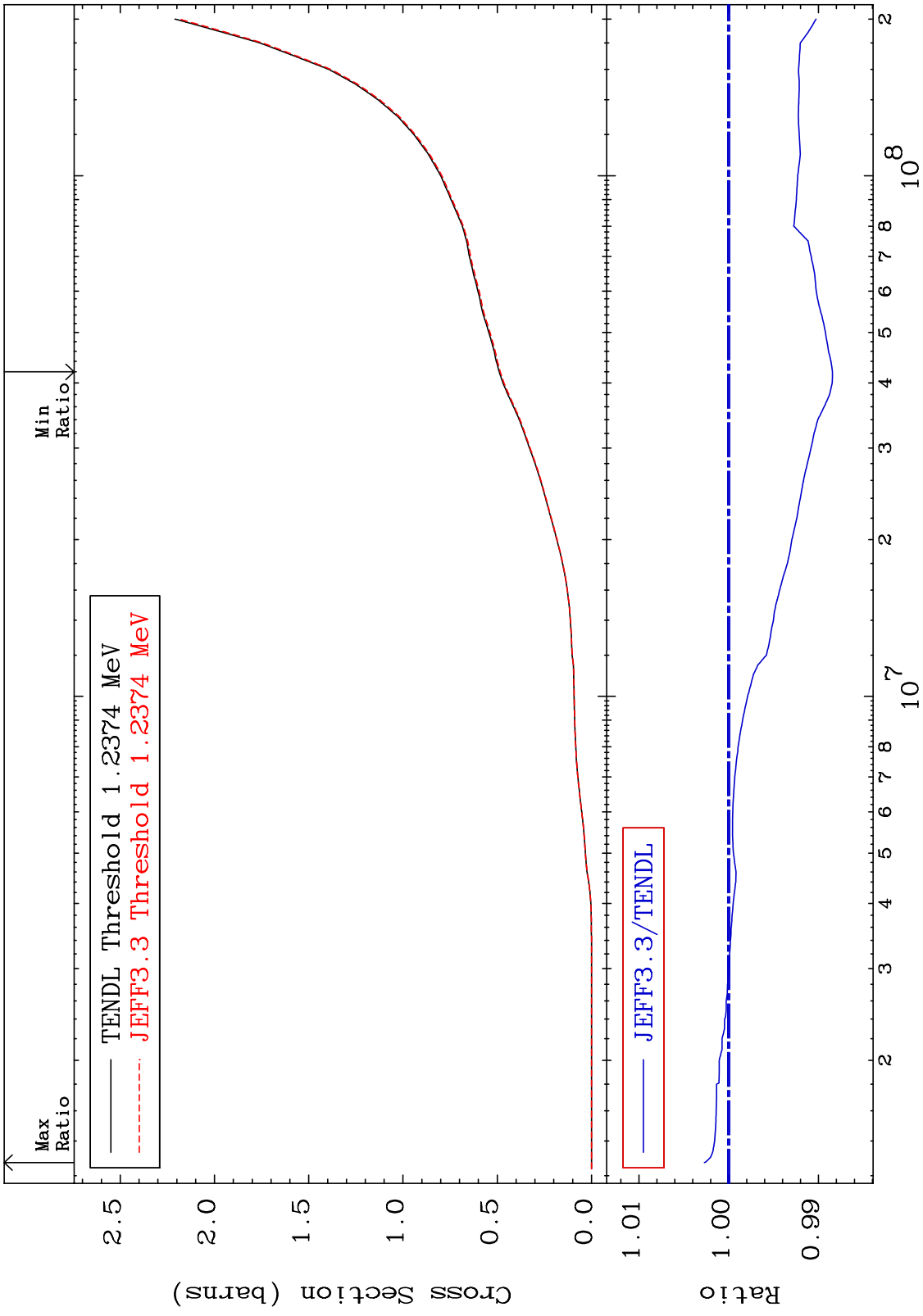
-99.74 To 1209. %



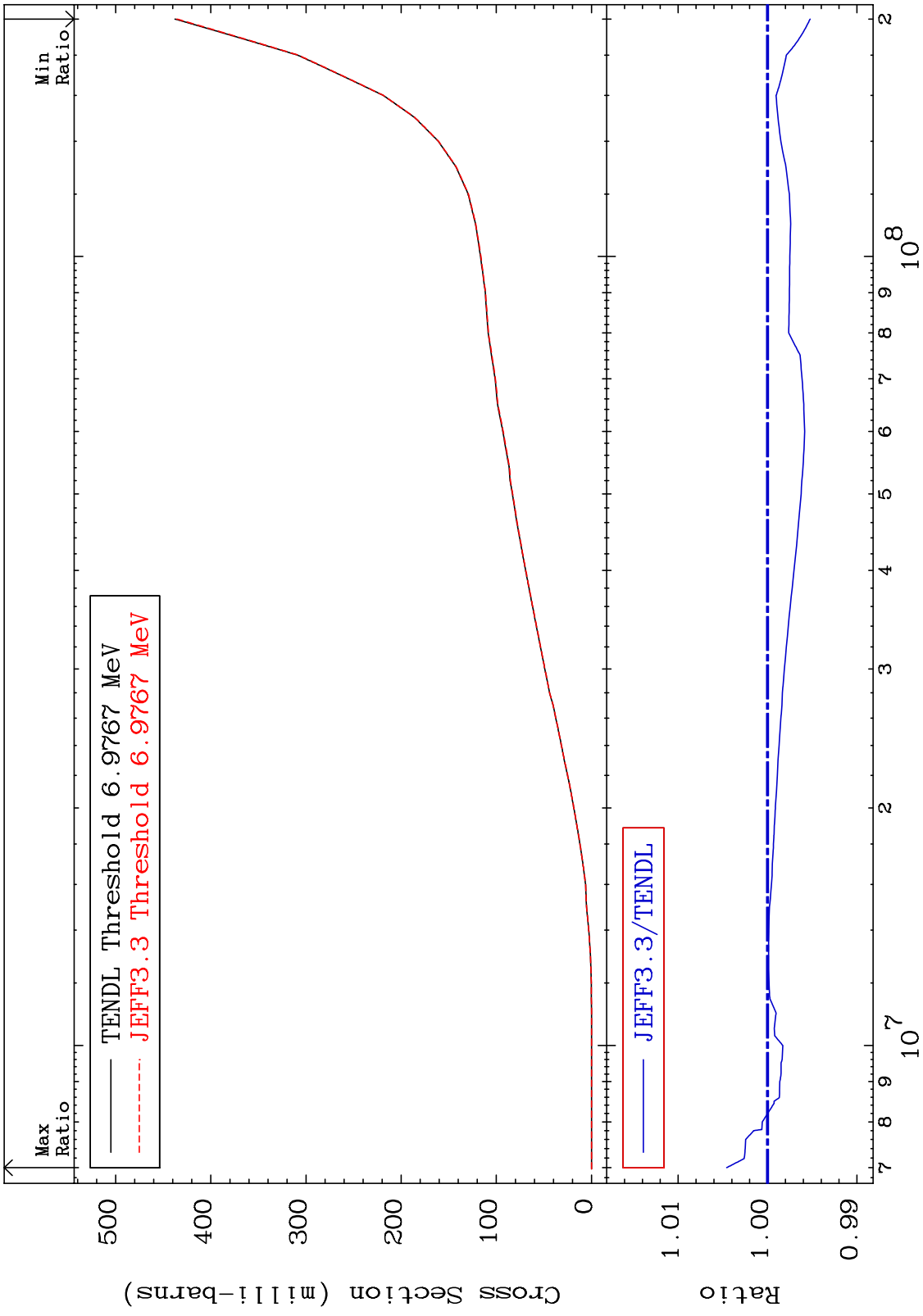
48

Incident Energy (eV)

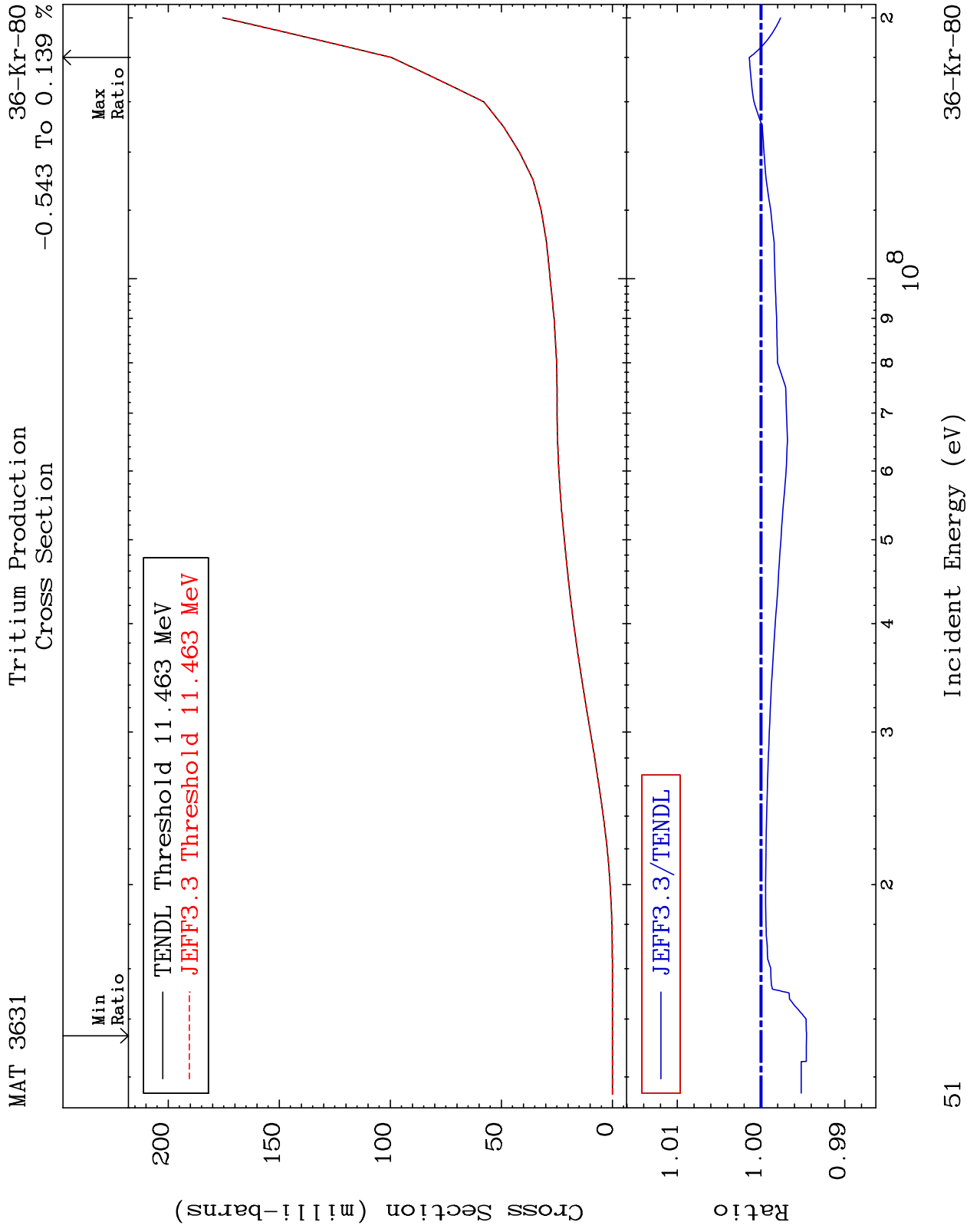
36-Kr-80



MAT 3631 Deuterium Production Cross Section 36-Kr-80
 -0.477 To 0.457 %



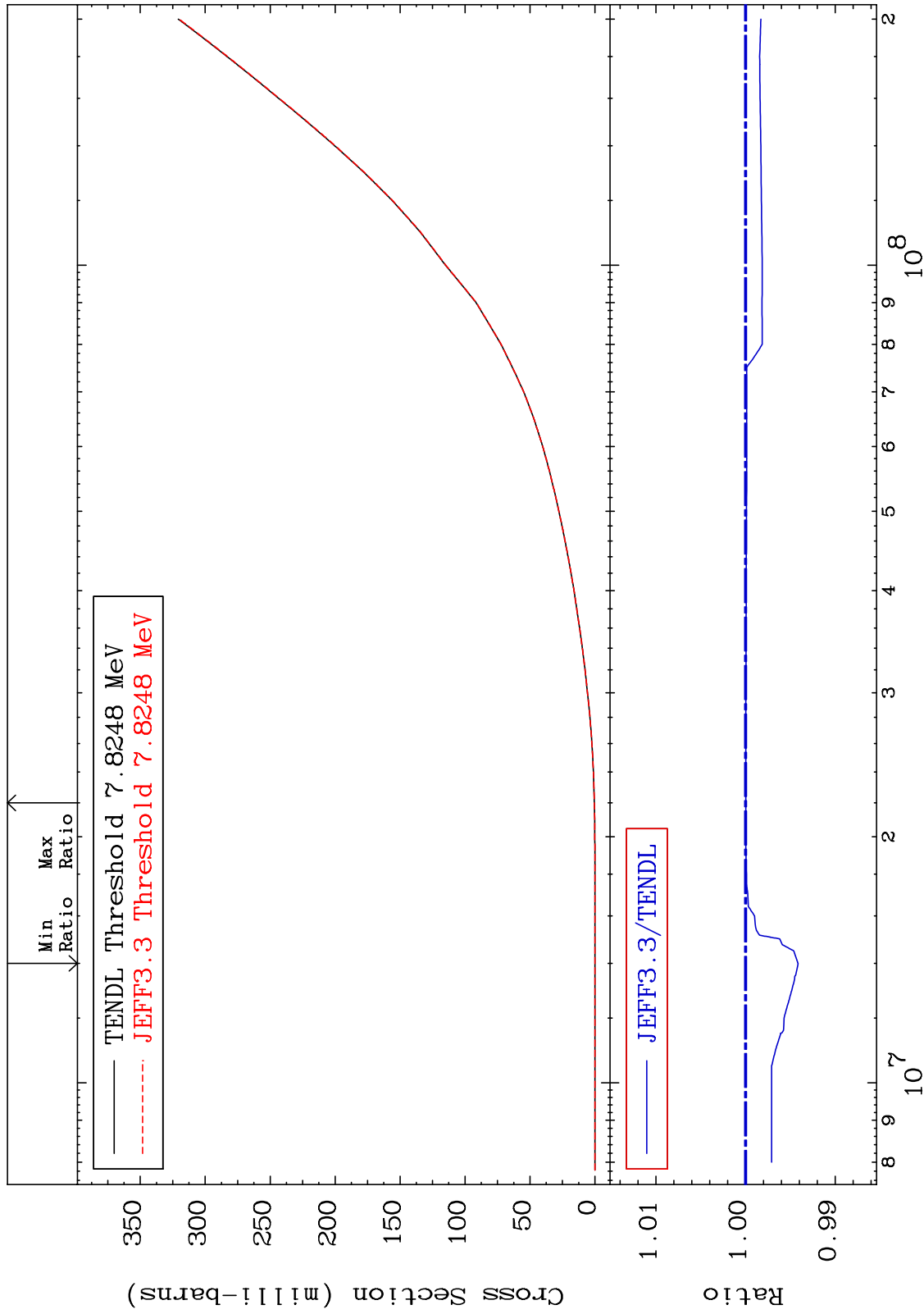
50 36-Kr-80



MAT 3631

He-3 Production
Cross Section

36-Kr-80
-0.585 To -0.002%



52

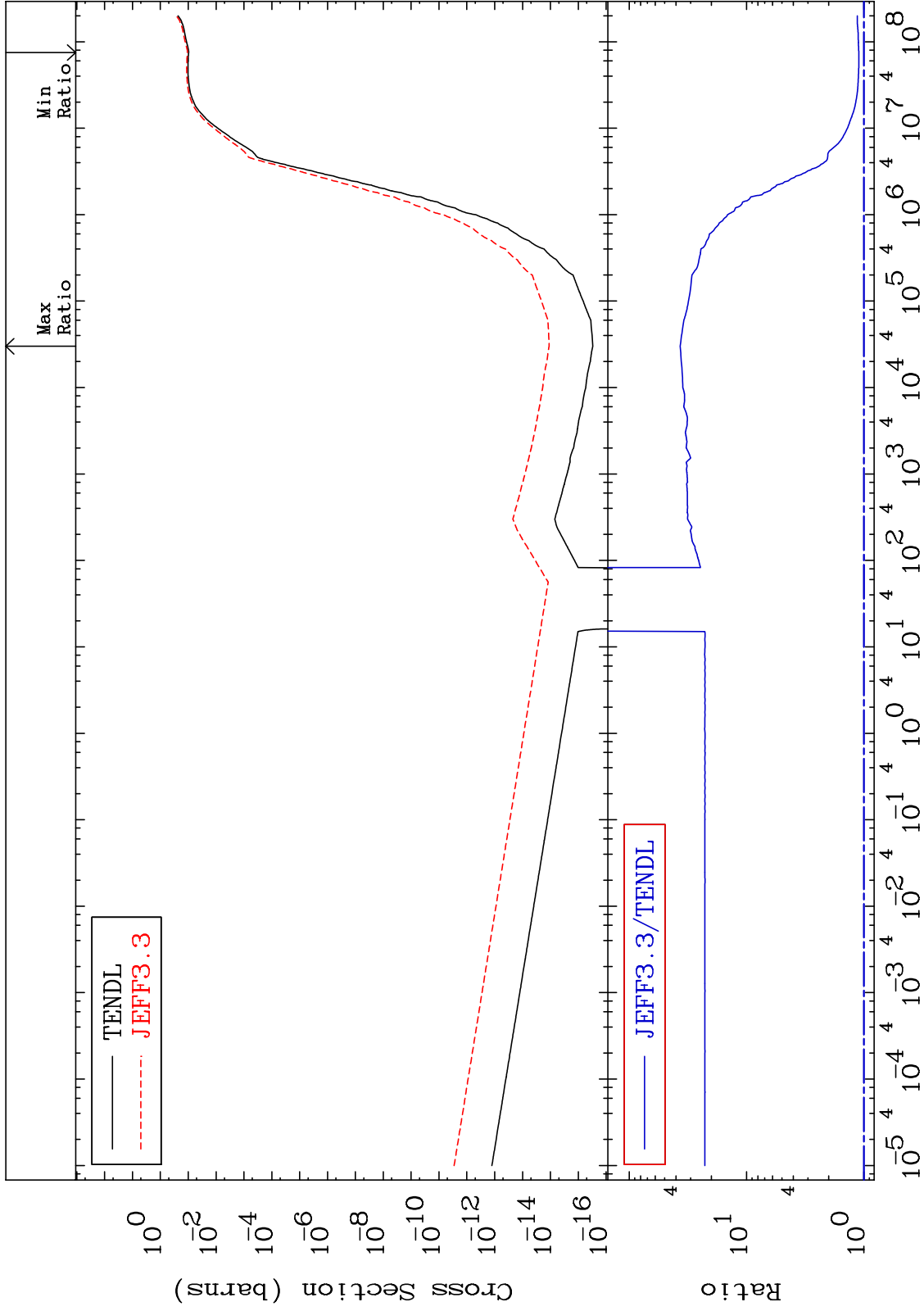
36-Kr-80

36-Kr-80

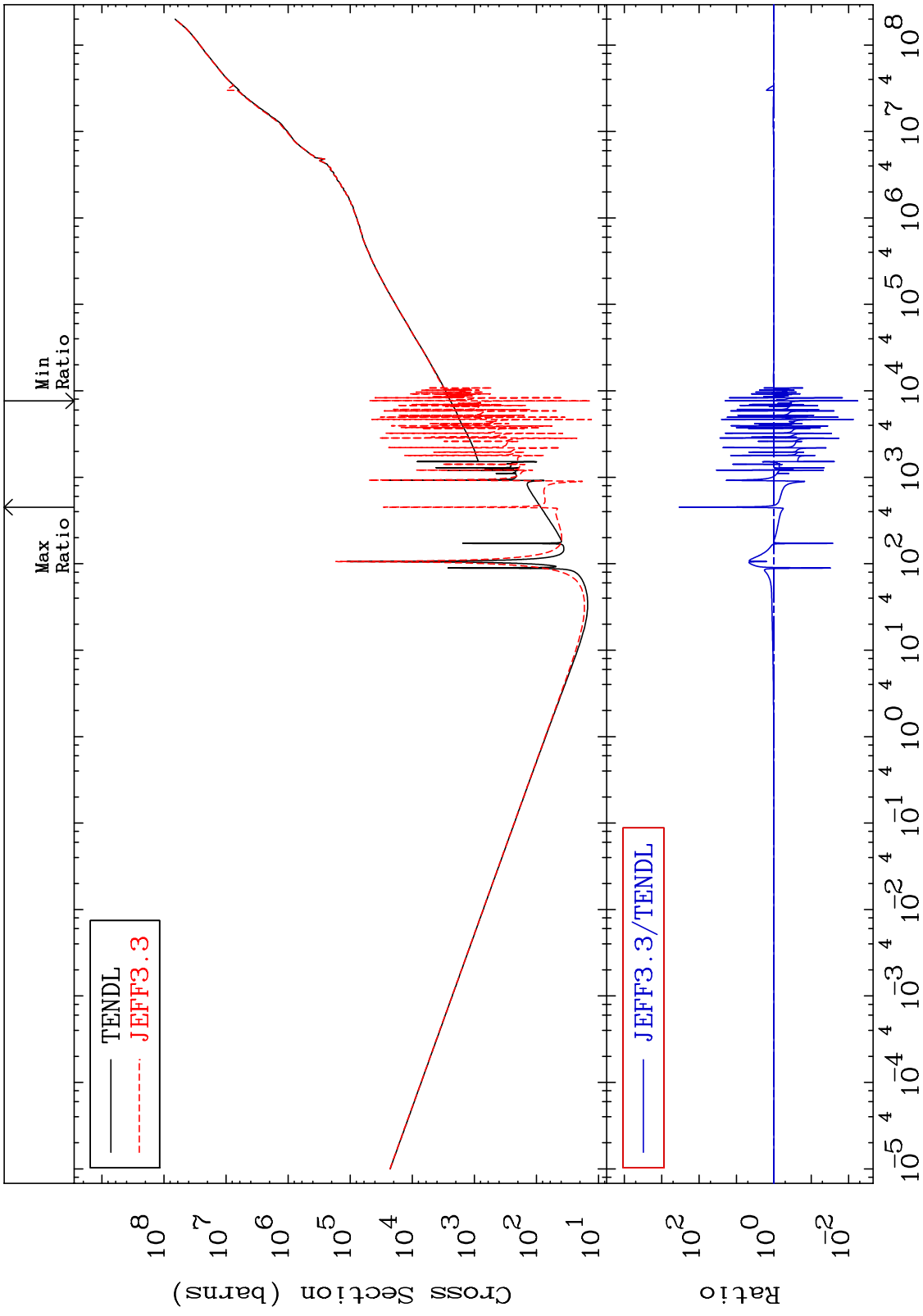
MAT 3631

He-4 Production
Cross Section

36-Kr-80
10.43 To 3580. %



MAT 3631 Kerma total (eV-barns) 36-Kr-80
 Cross Section -99.43 To 9999. %

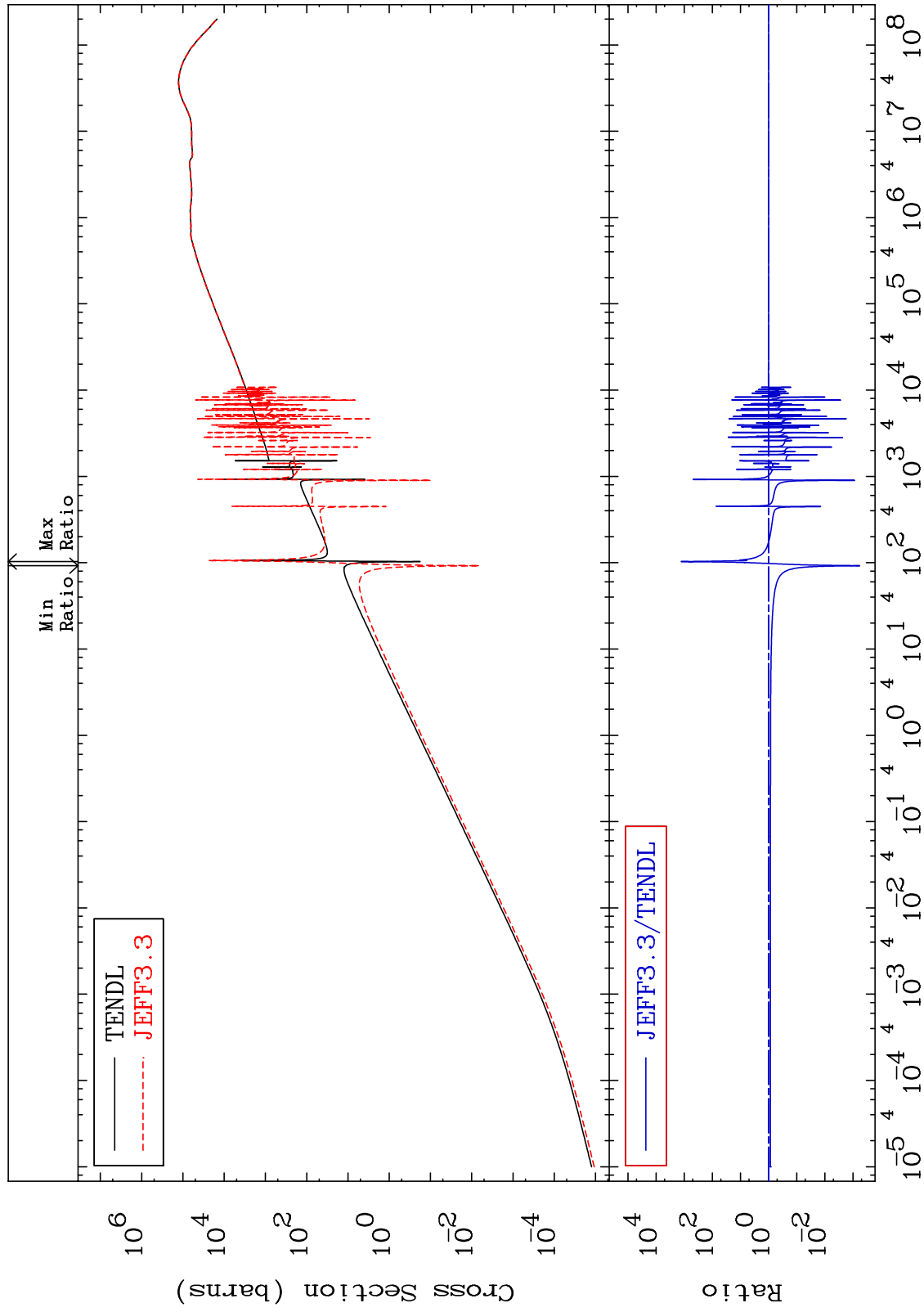


Incident Energy (eV) 36-Kr-80

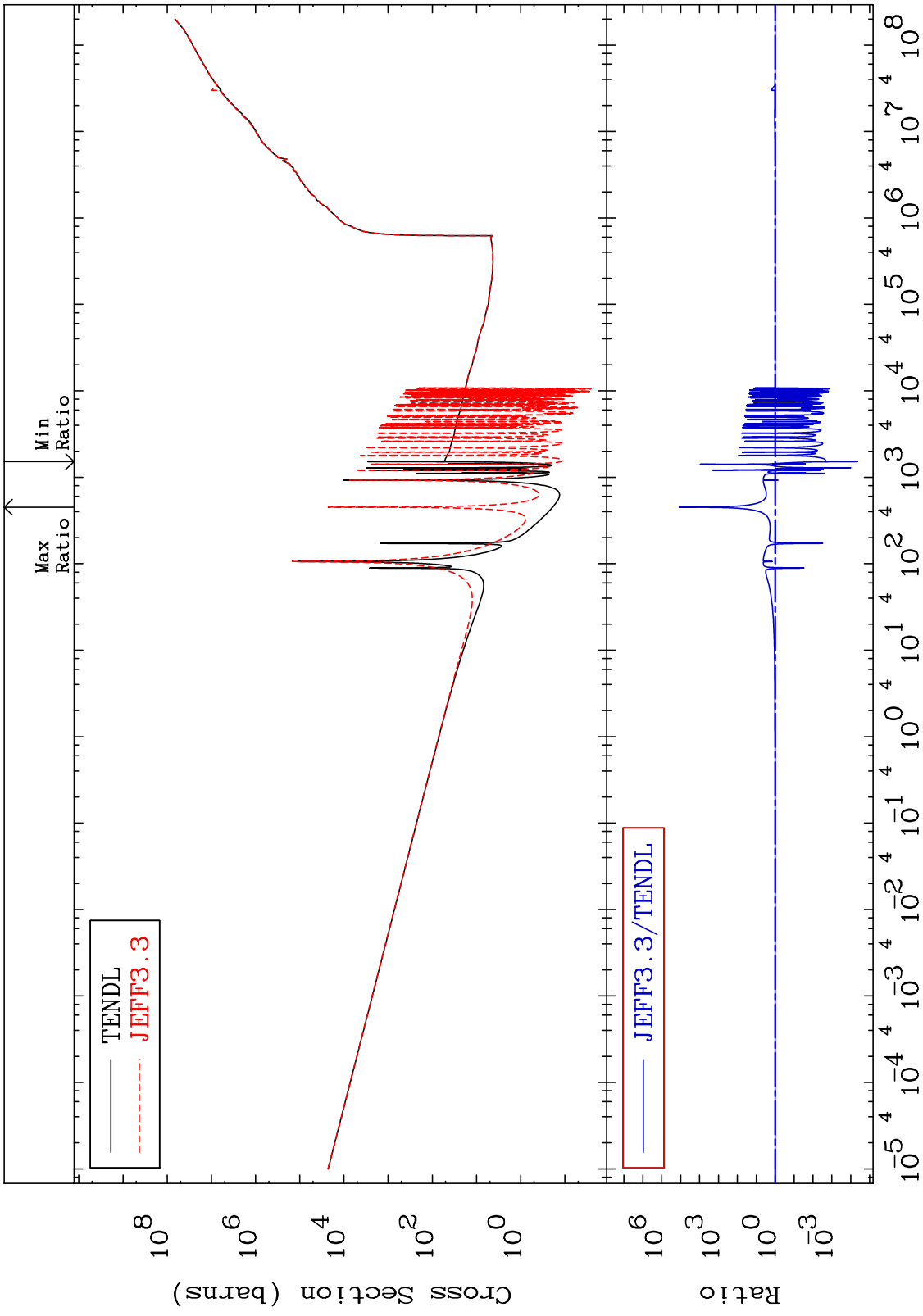
MAT 3631

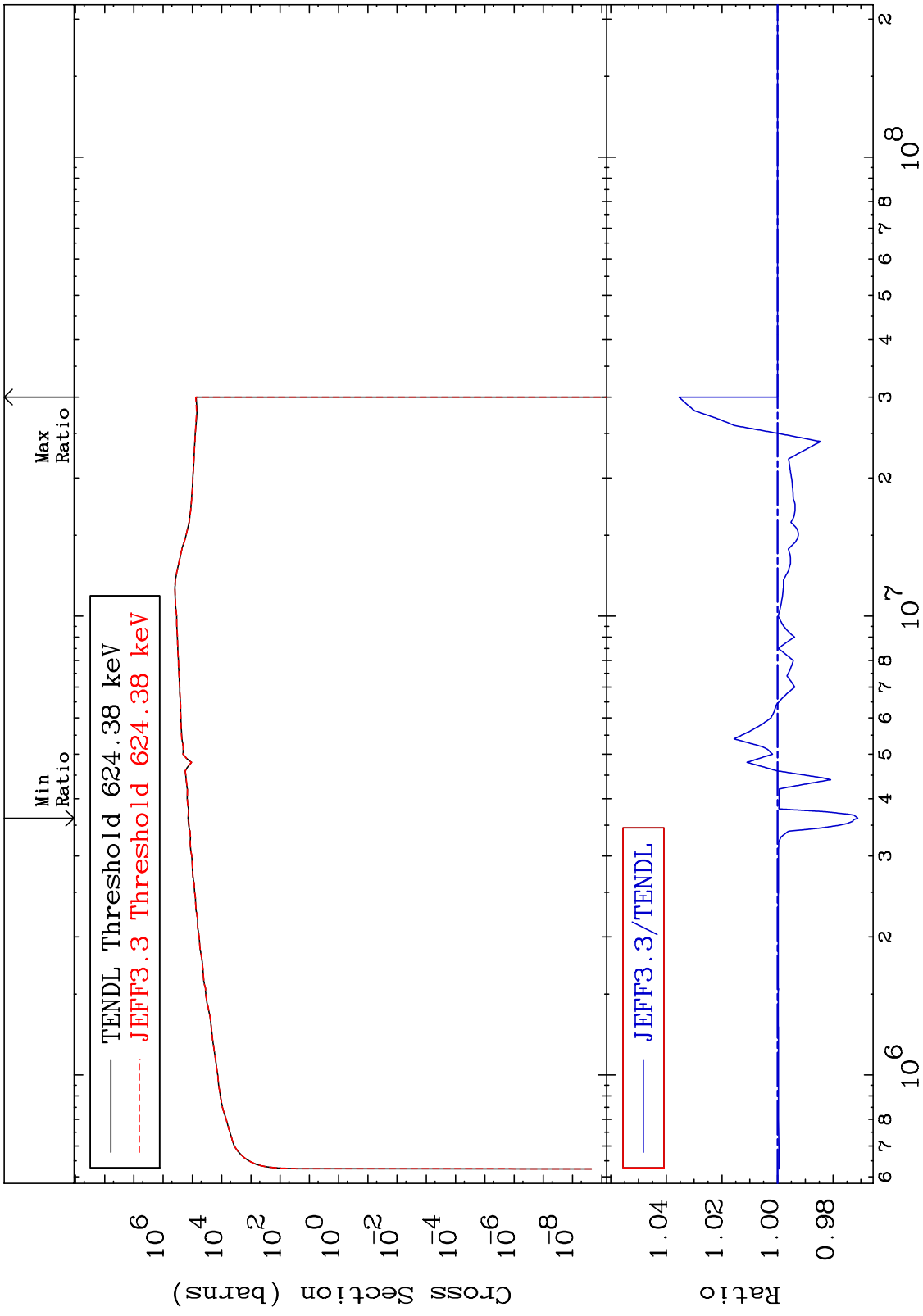
Kerma elastic
Cross Section

36-Kr-80
-99.94 To 9999. %



MAT 3631 Kerma non-elastic (all but mt2) 36-Kr-80
 -100.0 To 9999. %
 Cross Section

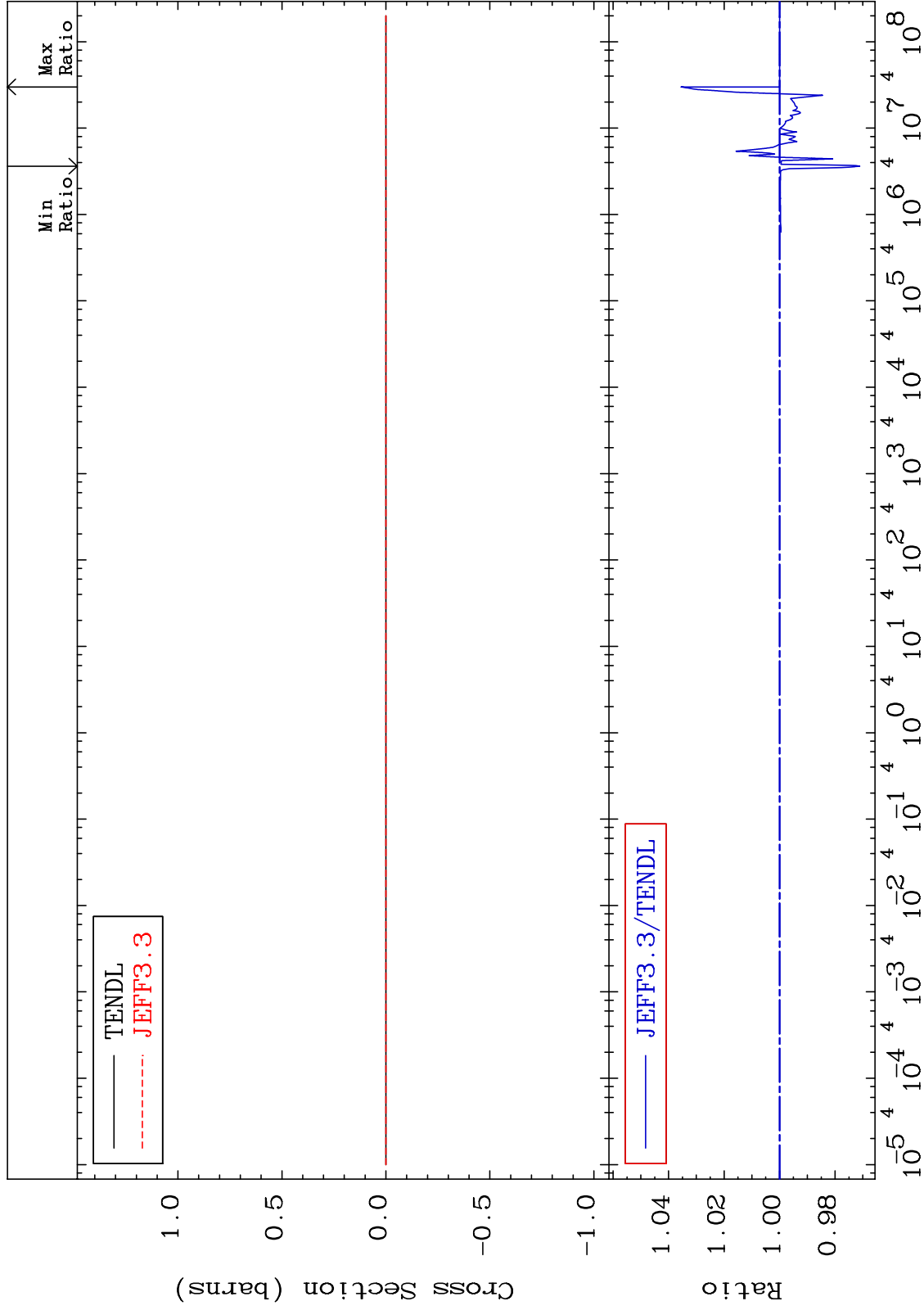




MAT 3631

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

36-Kr-80
-2.890 To 3.543 %

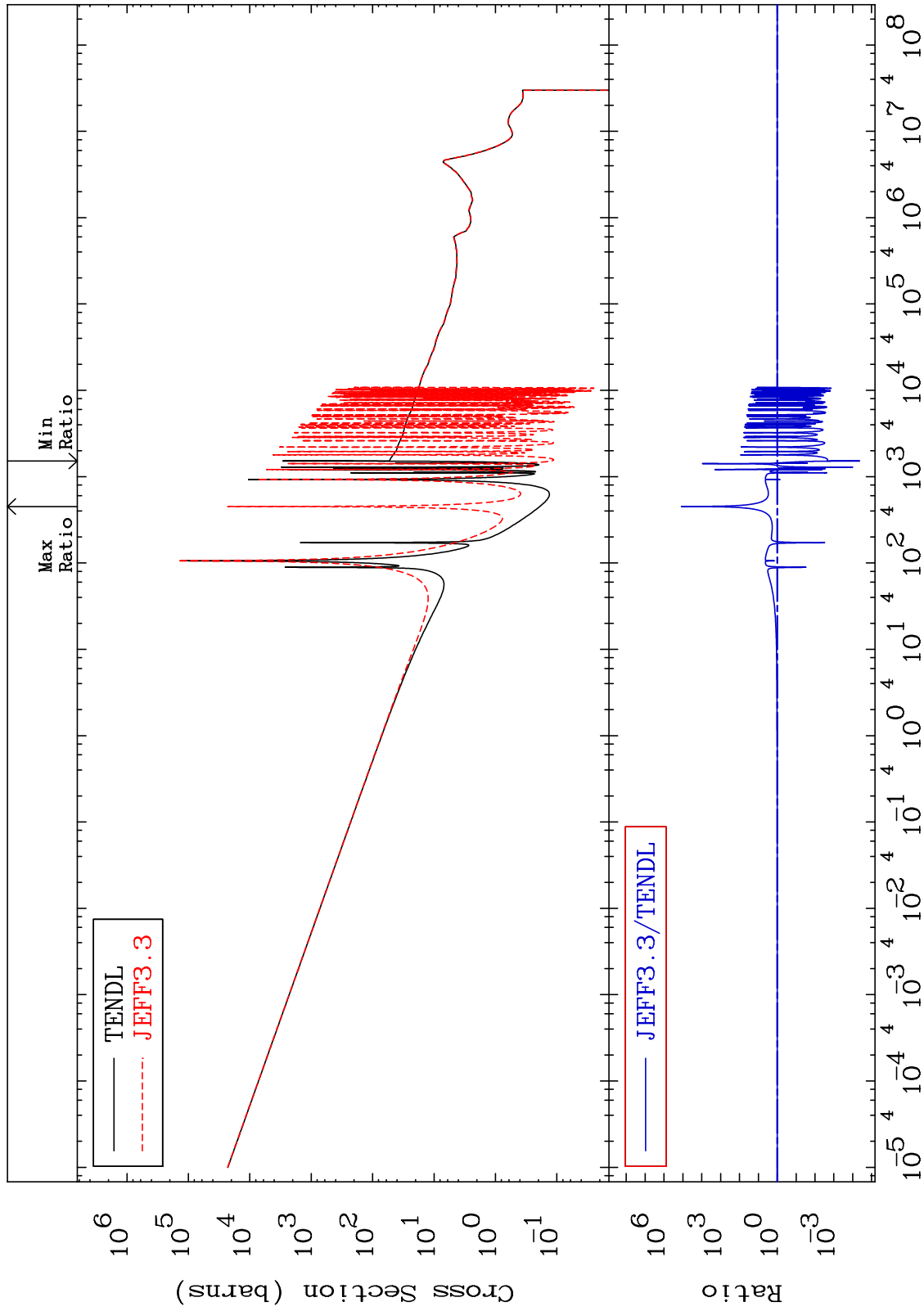


MAT 3631

Kerma capture (mt102)

36-Kr-80

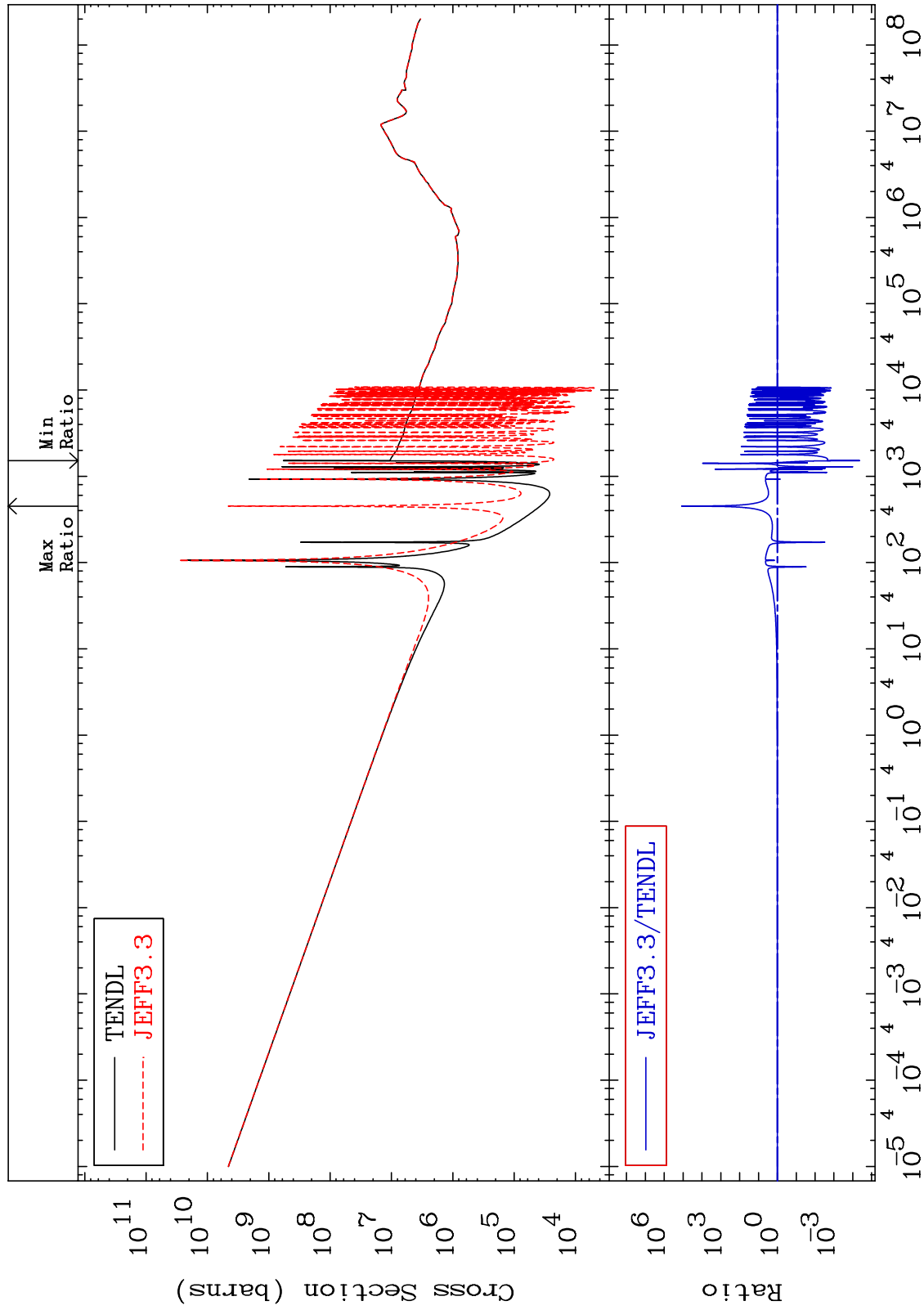
-100.0 To 9999. %



MAT 3631

Total photon (eV-barns)
Cross Section

36-Kr-80
-100.0 To 9999. %

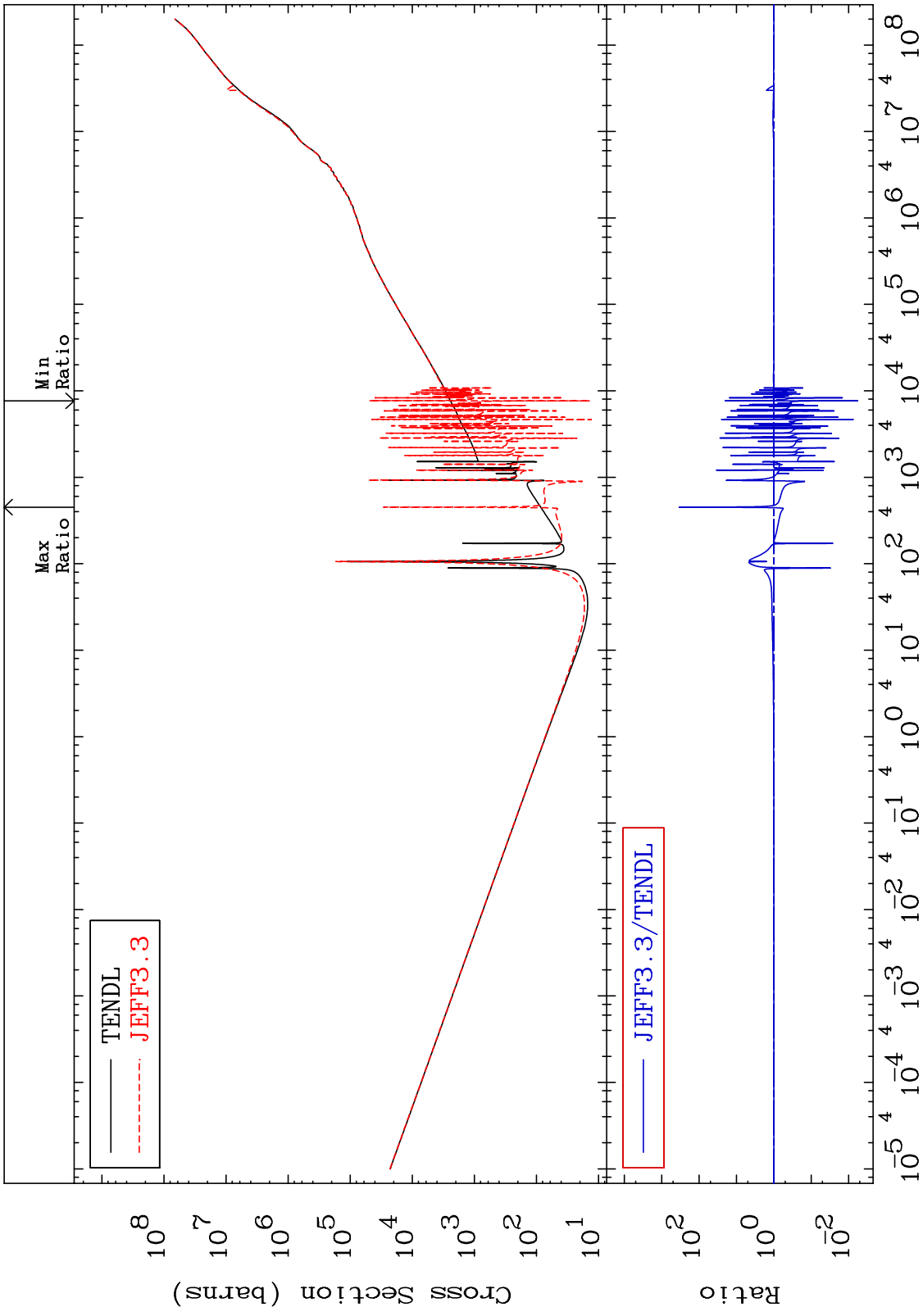


60

Incident Energy (eV)

36-Kr-80

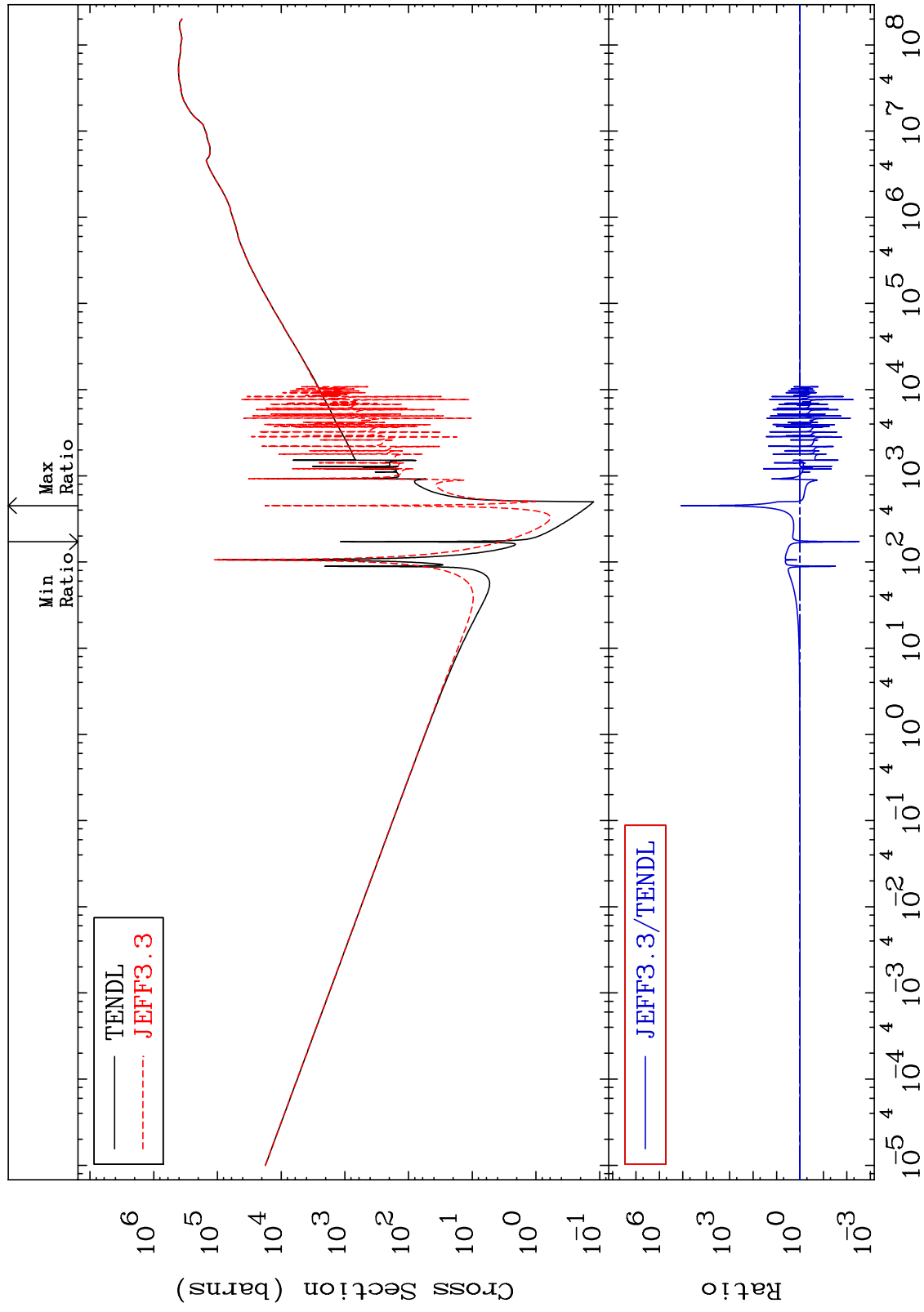
MAT 3631 Total kinematic kerma (high limit) 36-Kr-80
 Cross Section -99.43 To 9999. %



MAT 3631

Dpa total (eV-barns)
Cross Section

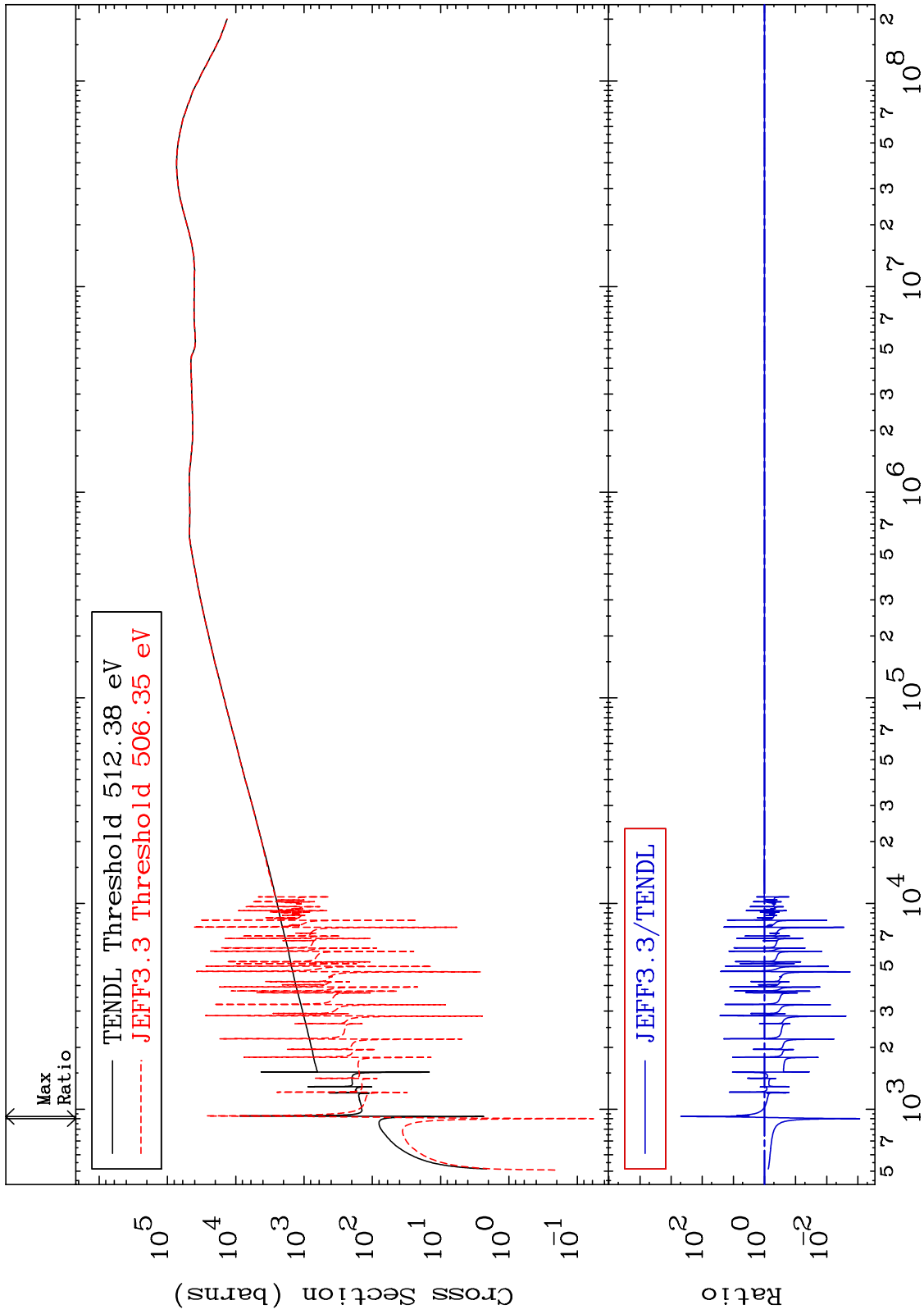
36-Kr-80
-99.70 To 9999. %

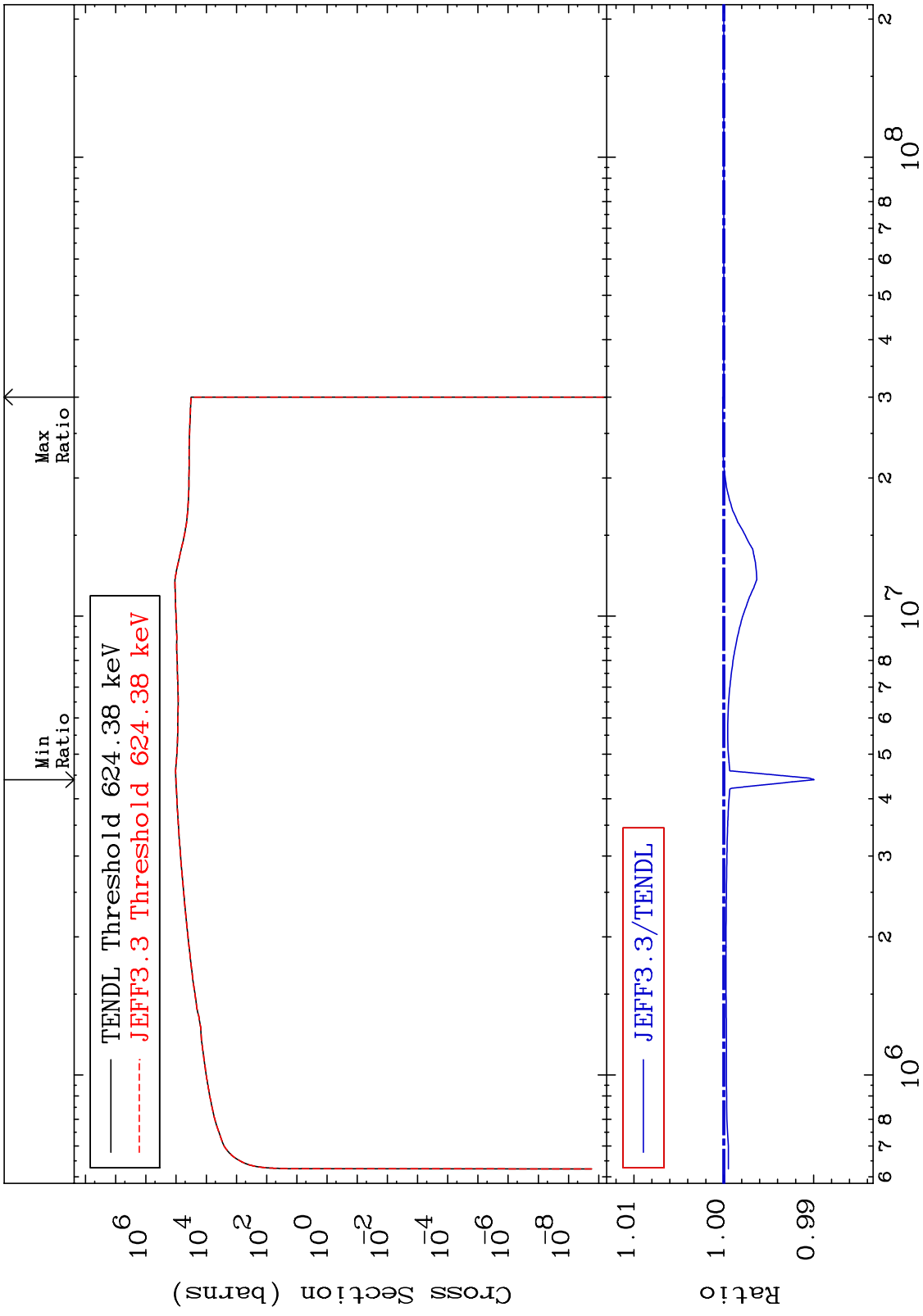


MAT 3631

Dpa elastic (mt2)
Cross Section

36-Kr-80
-99.91 To 9999. %

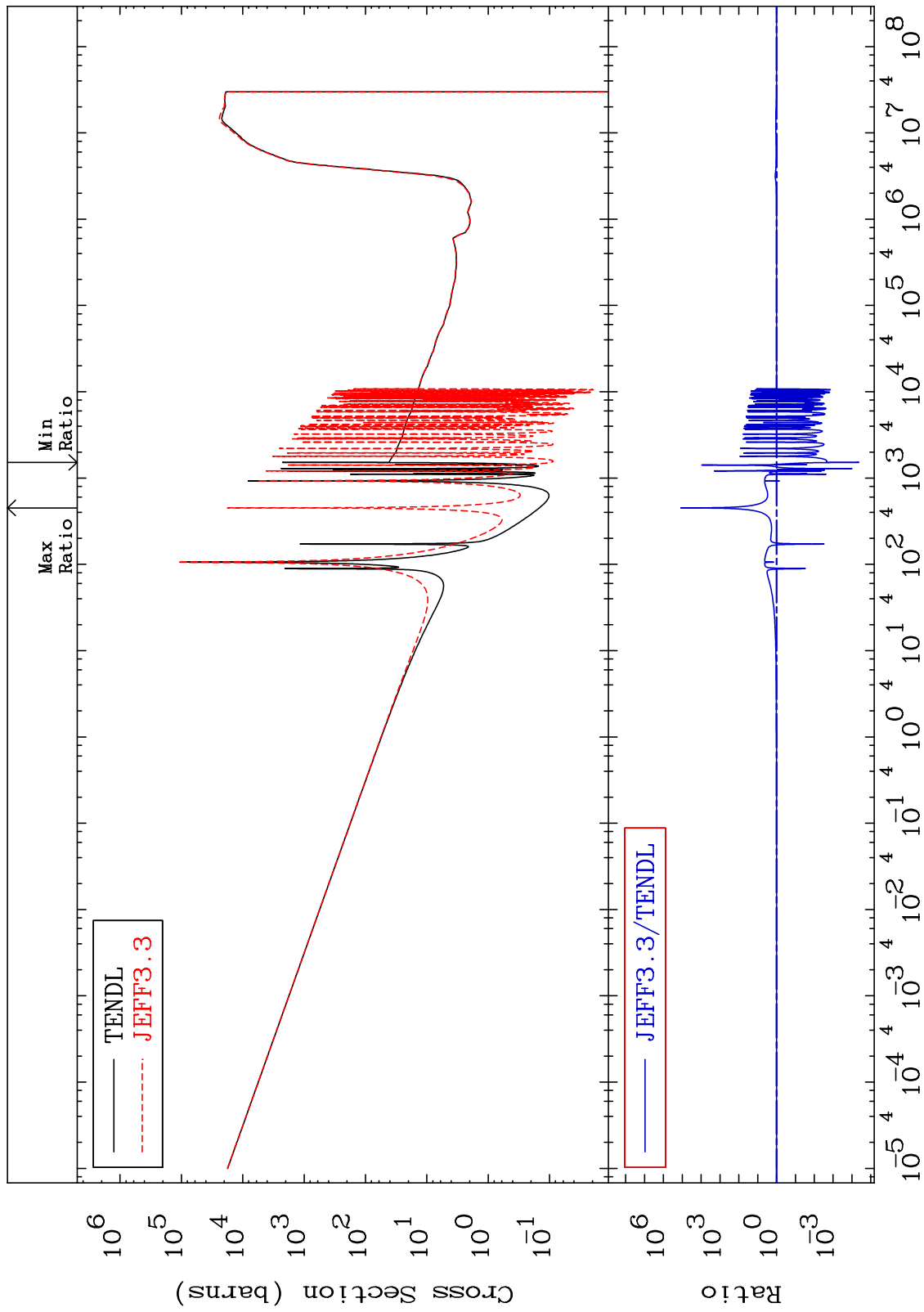




MAT 3631

Dpa disappearance (mt102 -120)
Cross Section

36-Kr-80
-100.0 To 9999. %

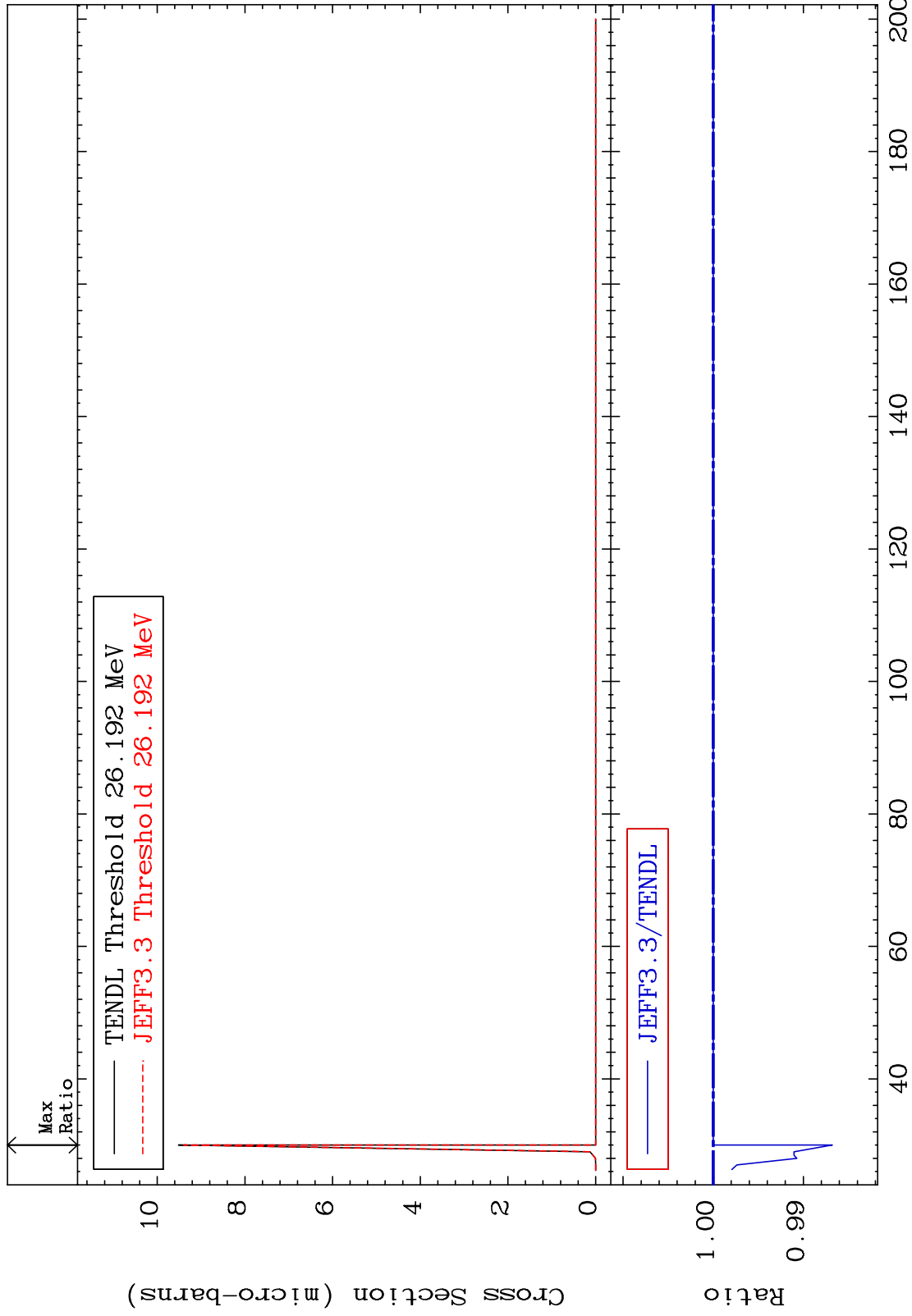


MAT 3631

(n,2n) d: 35-Br-77g

36-Kr-80

Radionuclide Production Cross Section -1.322 To 0.000 %



66

Incident Energy (MeV)

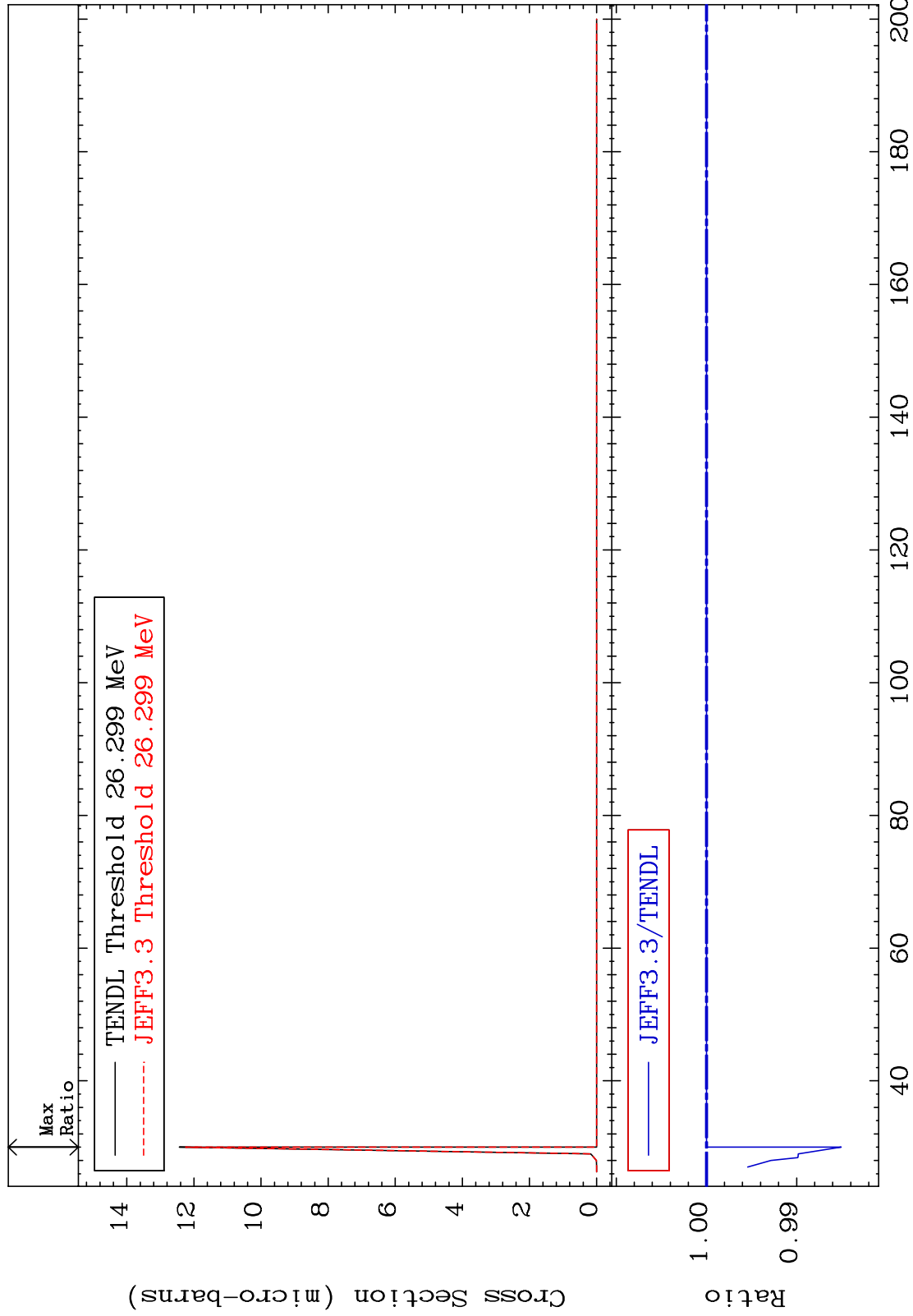
36-Kr-80

MAT 3631

(n,2n) d:35-Br-77m1

36-Kr-80

Radionuclide Production Cross Section -1.493 To 0.000 %



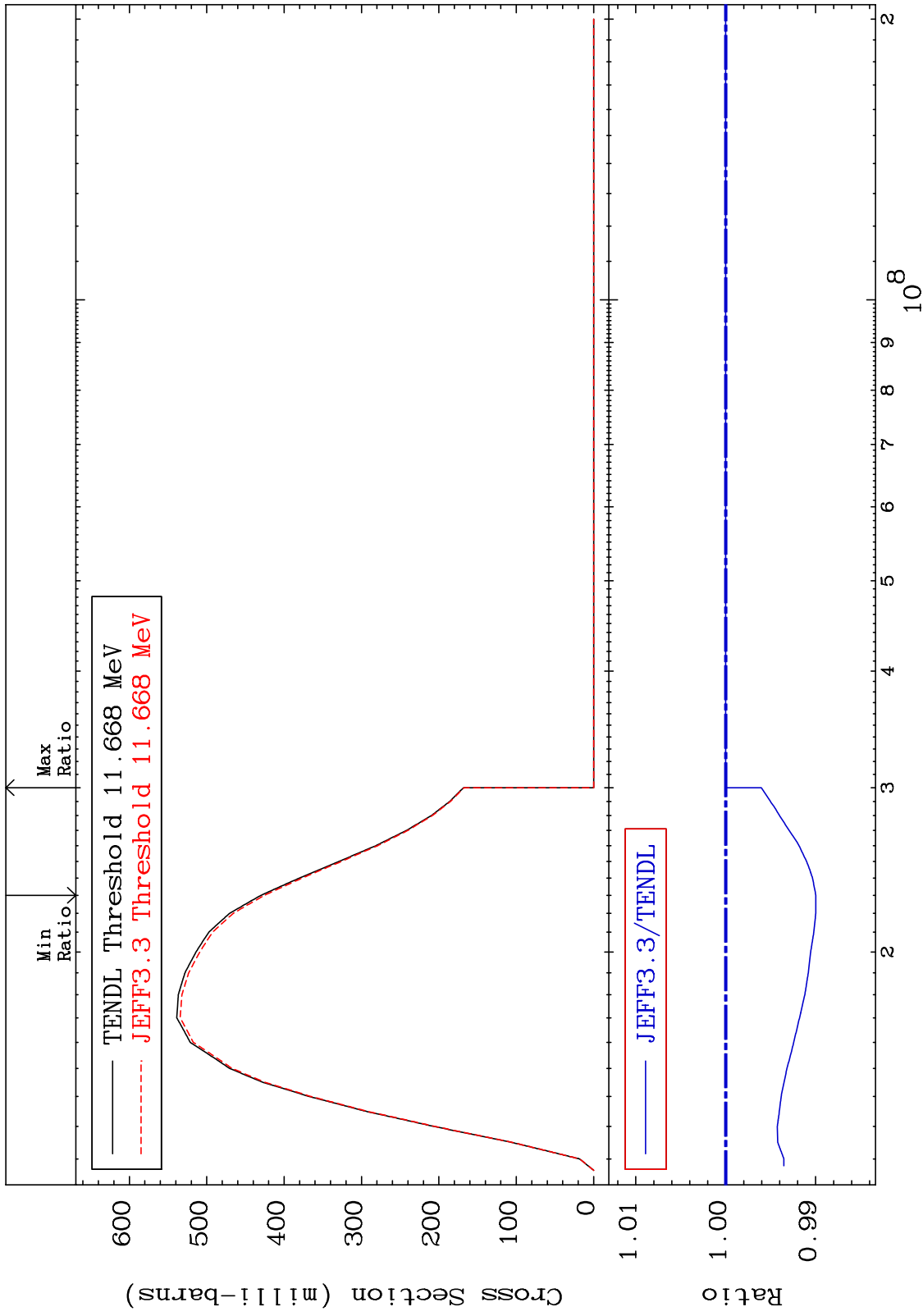
67

Incident Energy (MeV)

36-Kr-80

MAT 3631

(n,2n):36-Kr-79g 36-Kr-80
Radionuclide Production Cross Section -1.002 To 0.000 %

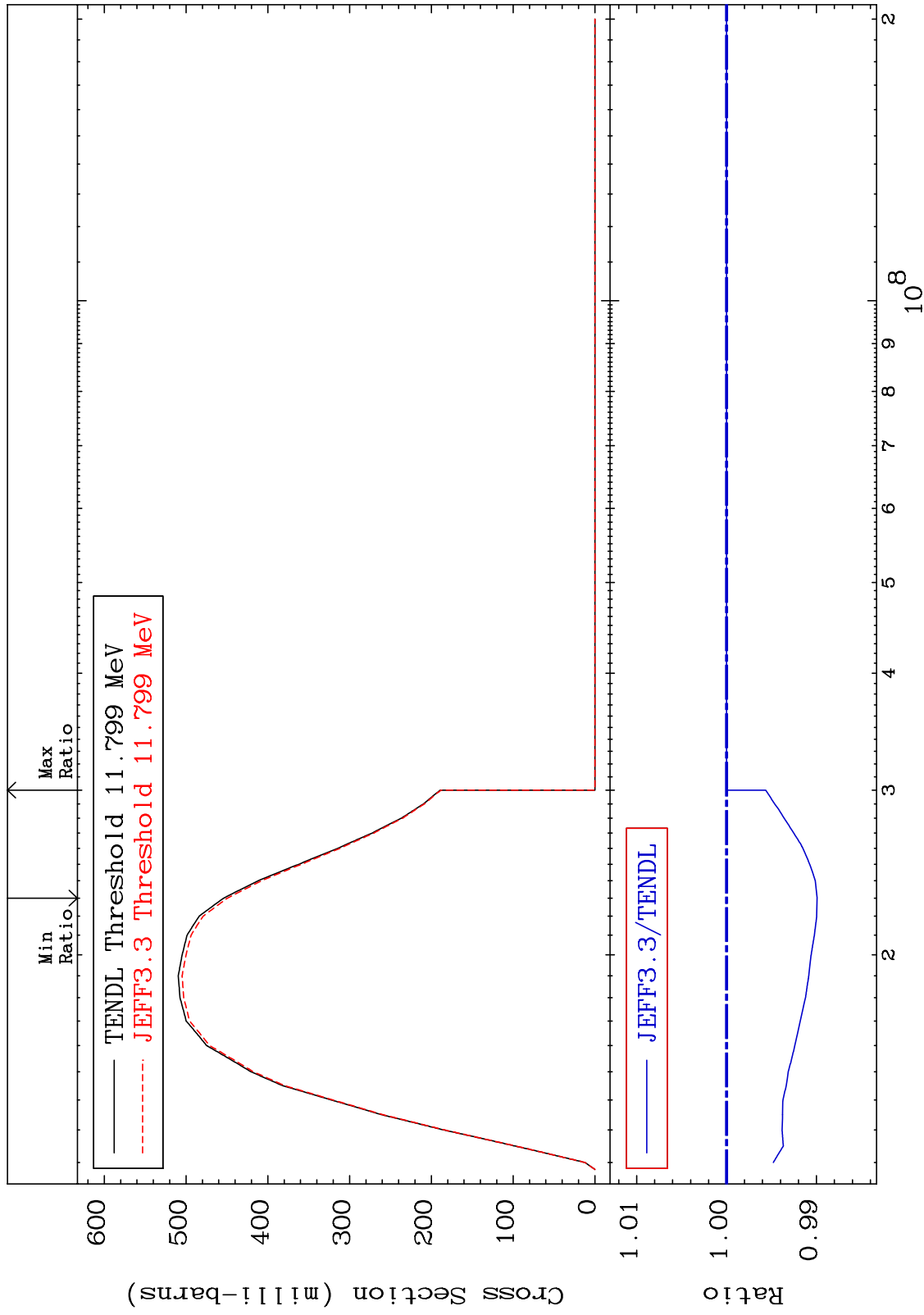


MAT 3631

(n,2n):36-Kr-79m1

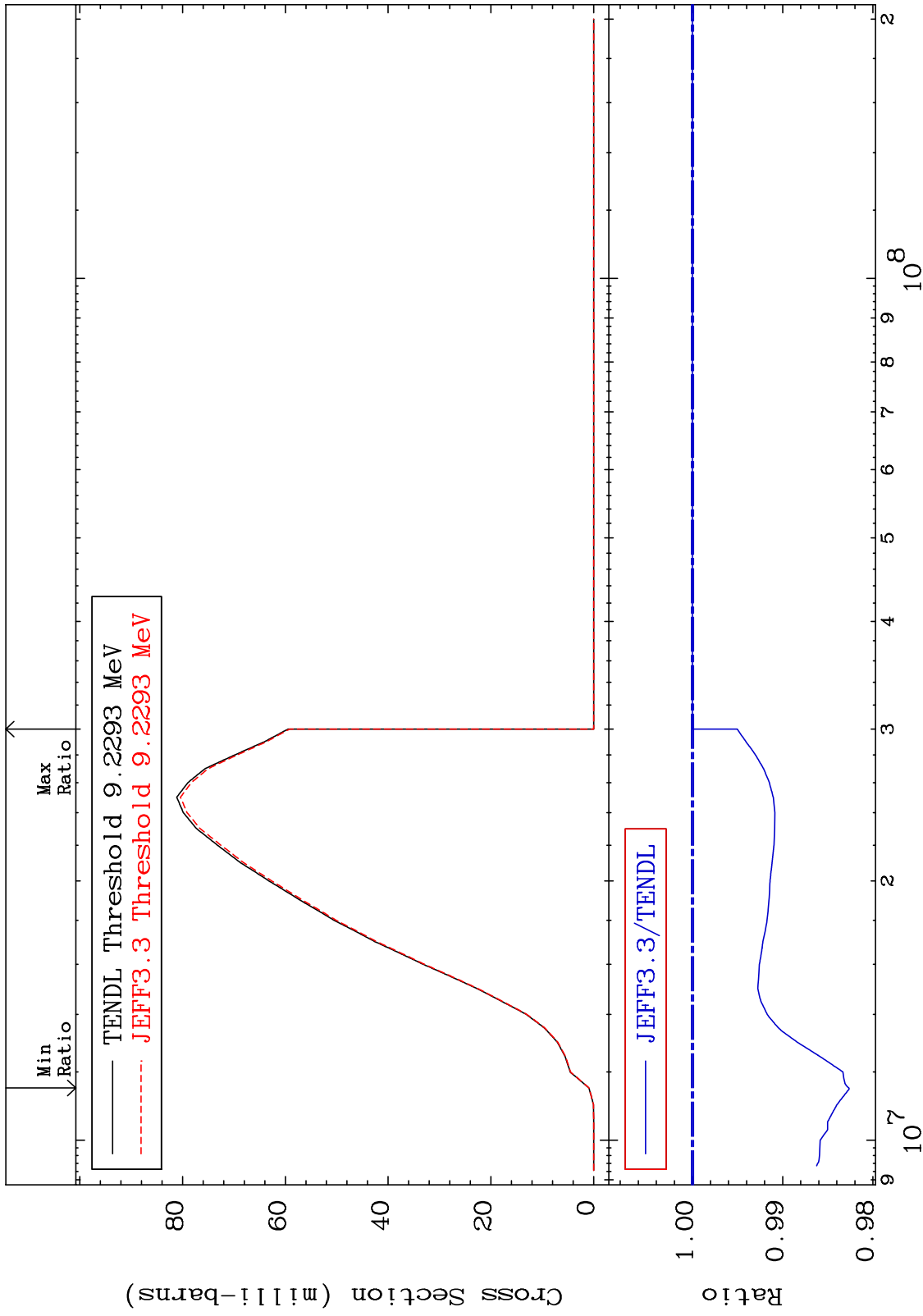
36-Kr-80

Radionuclide Production Cross Section -1.008 To 0.000 %



MAT 3631

(n, n') p:35-Br-79g 36-Kr-80
Radionuclide Production Cross Section -1.735 To 0.000 %



70

Incident Energy (eV)

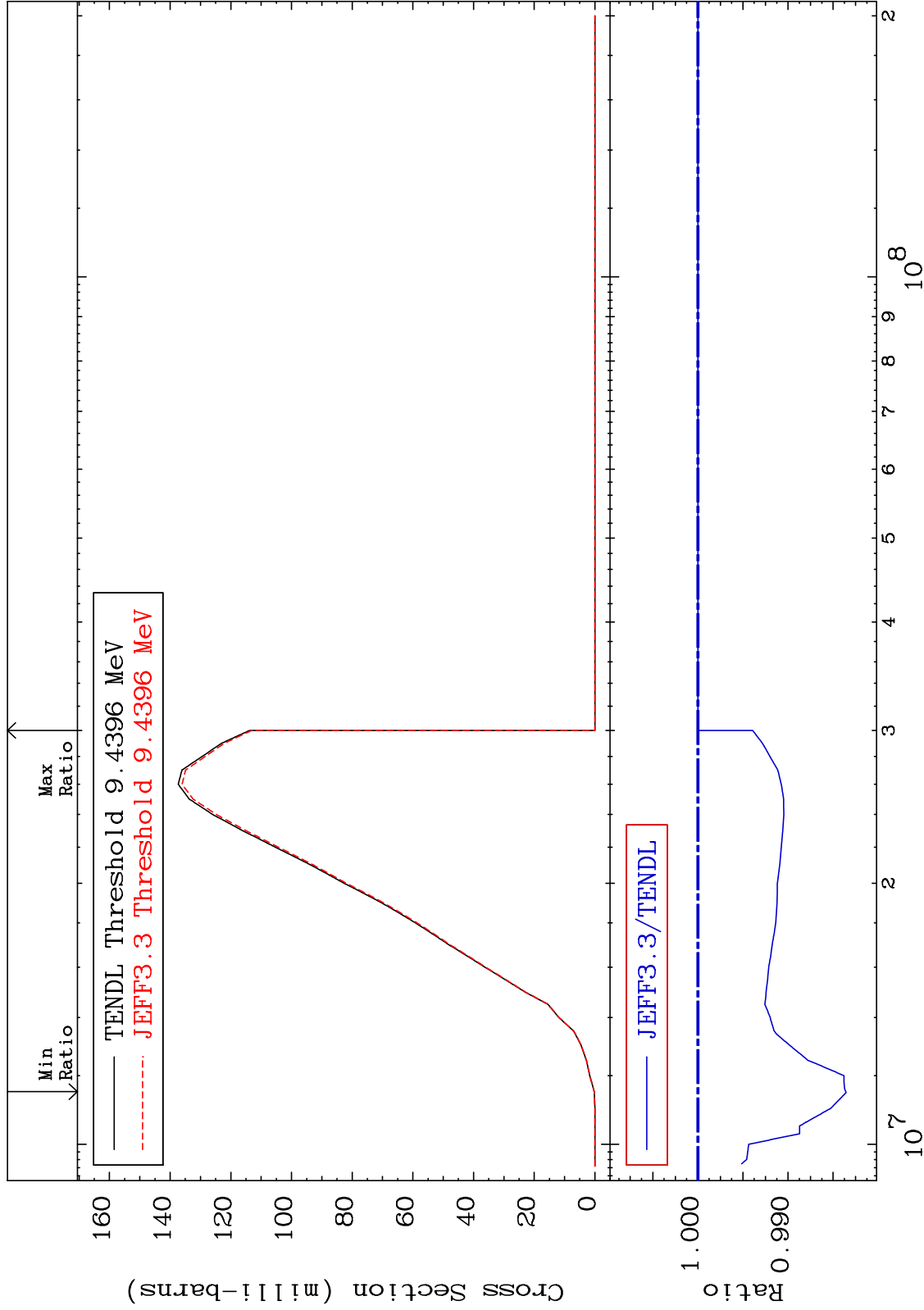
36-Kr-80

MAT 3631

(n, n') p:35-Br-79m1

36-Kr-80

Radionuclide Production Cross Section -1.642 To 0.000 %



71

Incident Energy (eV)

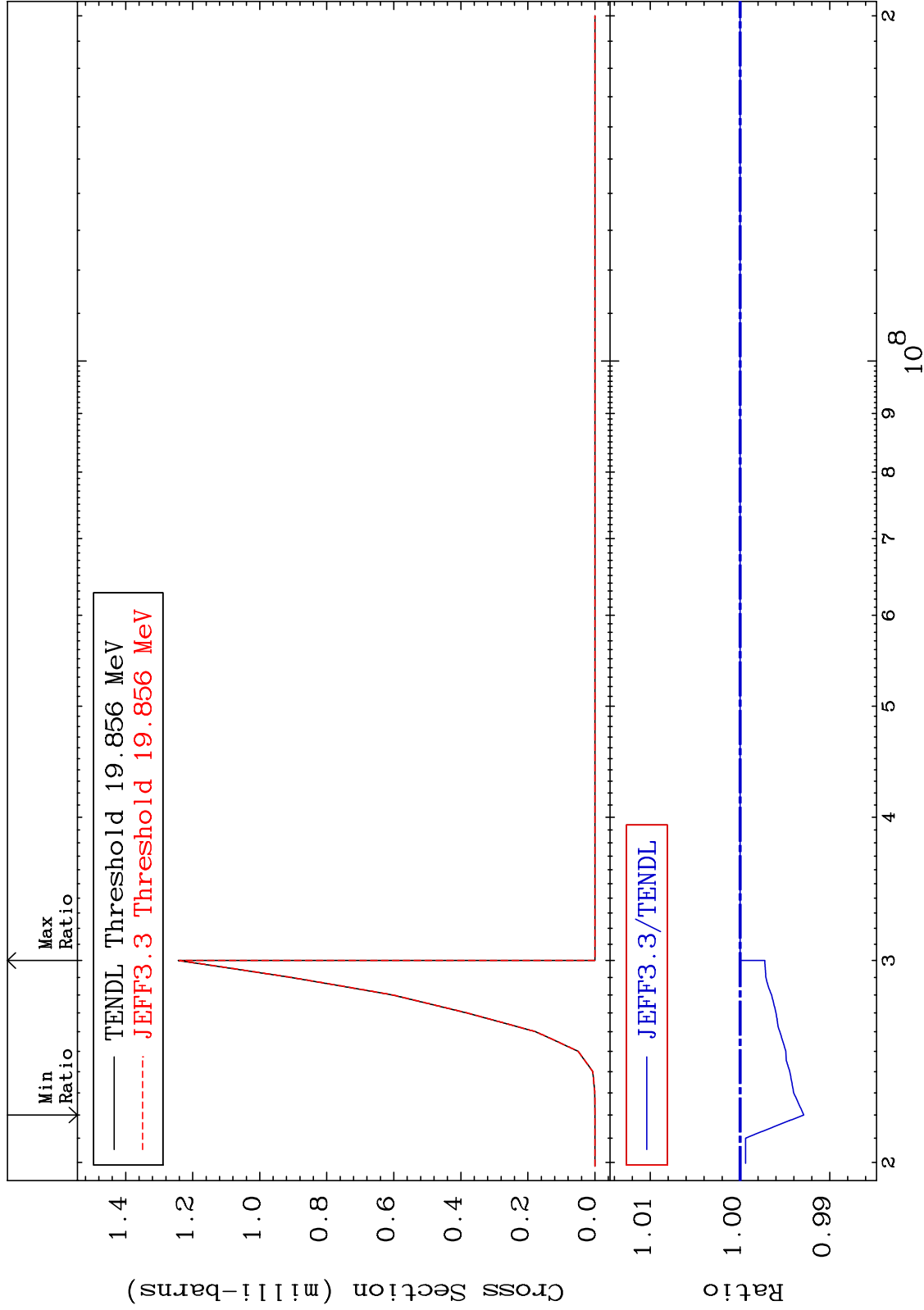
36-Kr-80

MAT 3631

(n, n') t: 35-Br-77g

36-Kr-80

Radionuclide Production Cross Section -0.710 To 0.000 %



72

Incident Energy (eV)

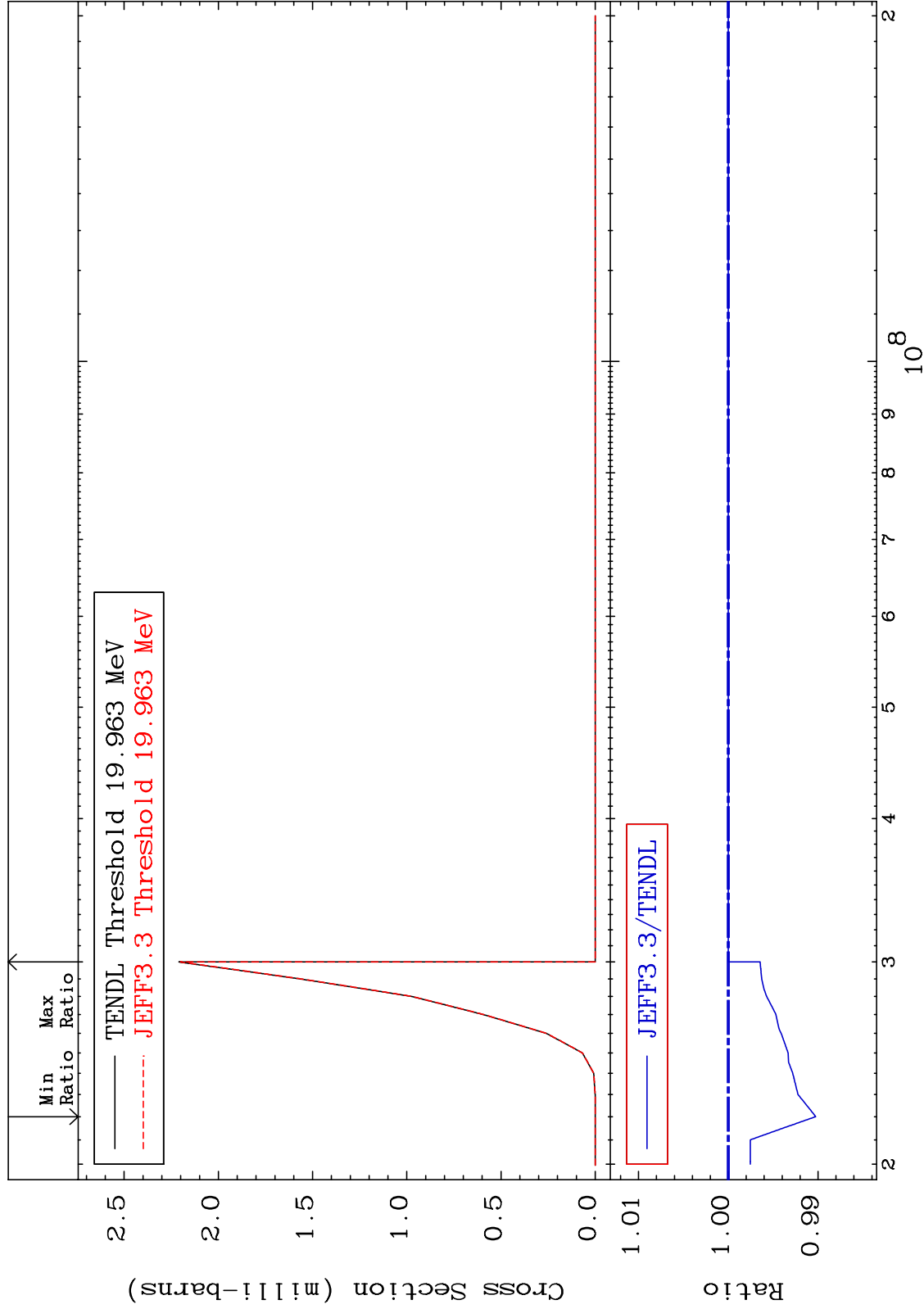
36-Kr-80

MAT 3631

(n, n') t:35-Br-77m1

36-Kr-80

Radionuclide Production Cross Section -0.974 To 0.000 %



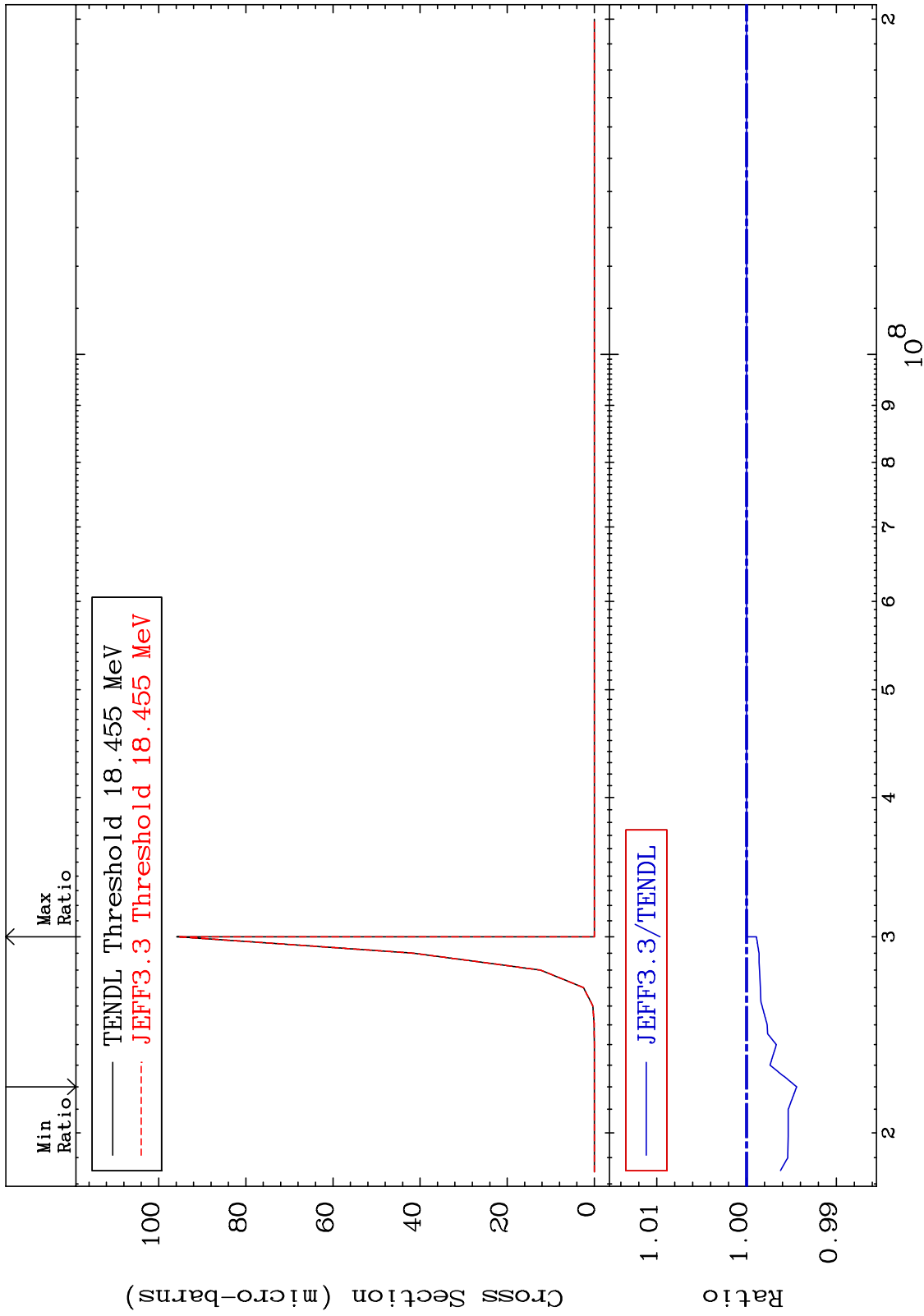
73

Incident Energy (eV)

36-Kr-80

MAT 3631

(n,n') He-3:34-Se-77g 36-Kr-80
Radionuclide Production Cross Section -0.558 To 0.000 %

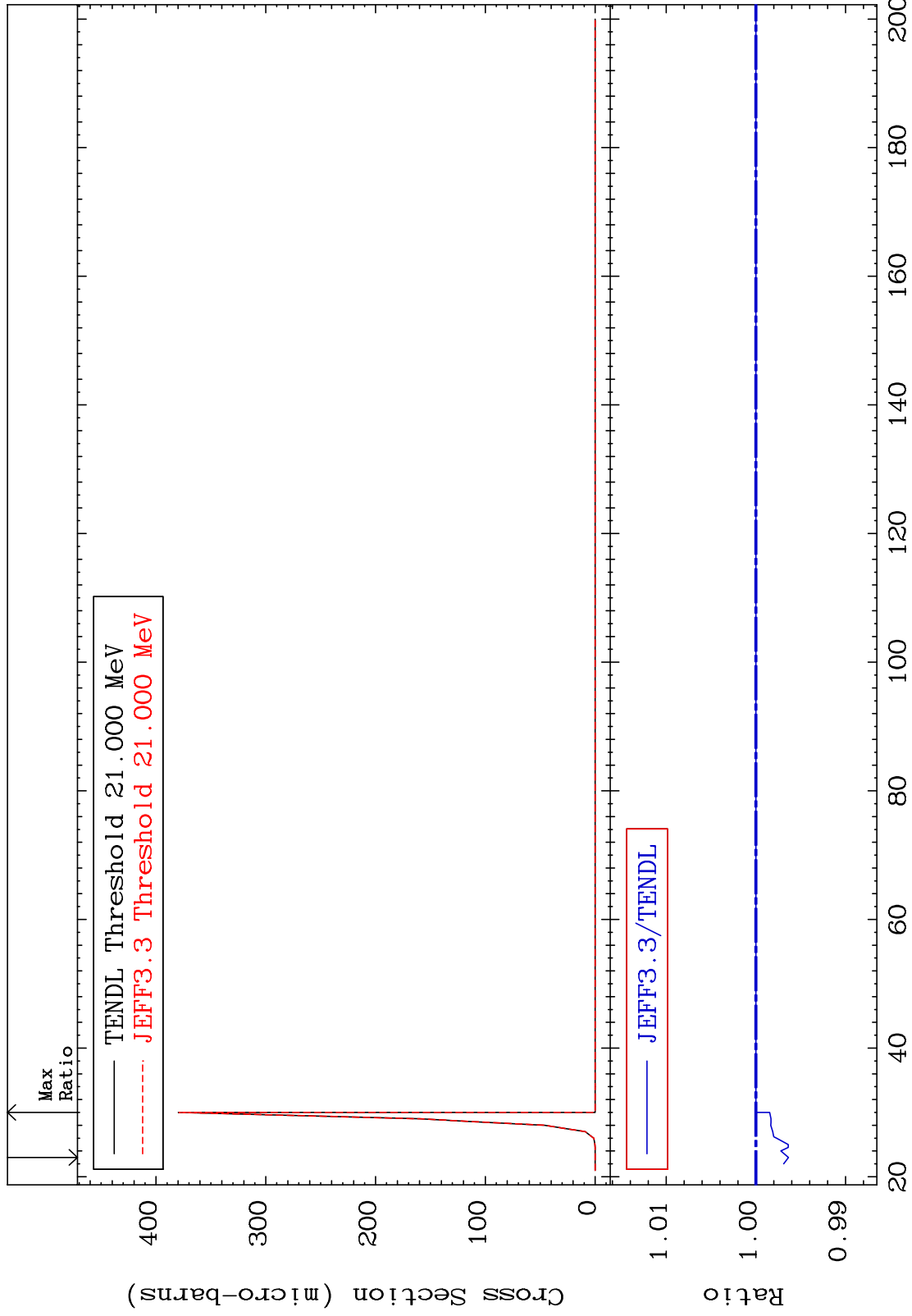


MAT 3631

(n,n') He-3:34-Se-77m1

36-Kr-80

Radionuclide Production Cross Section -0.363 To 0.000 %



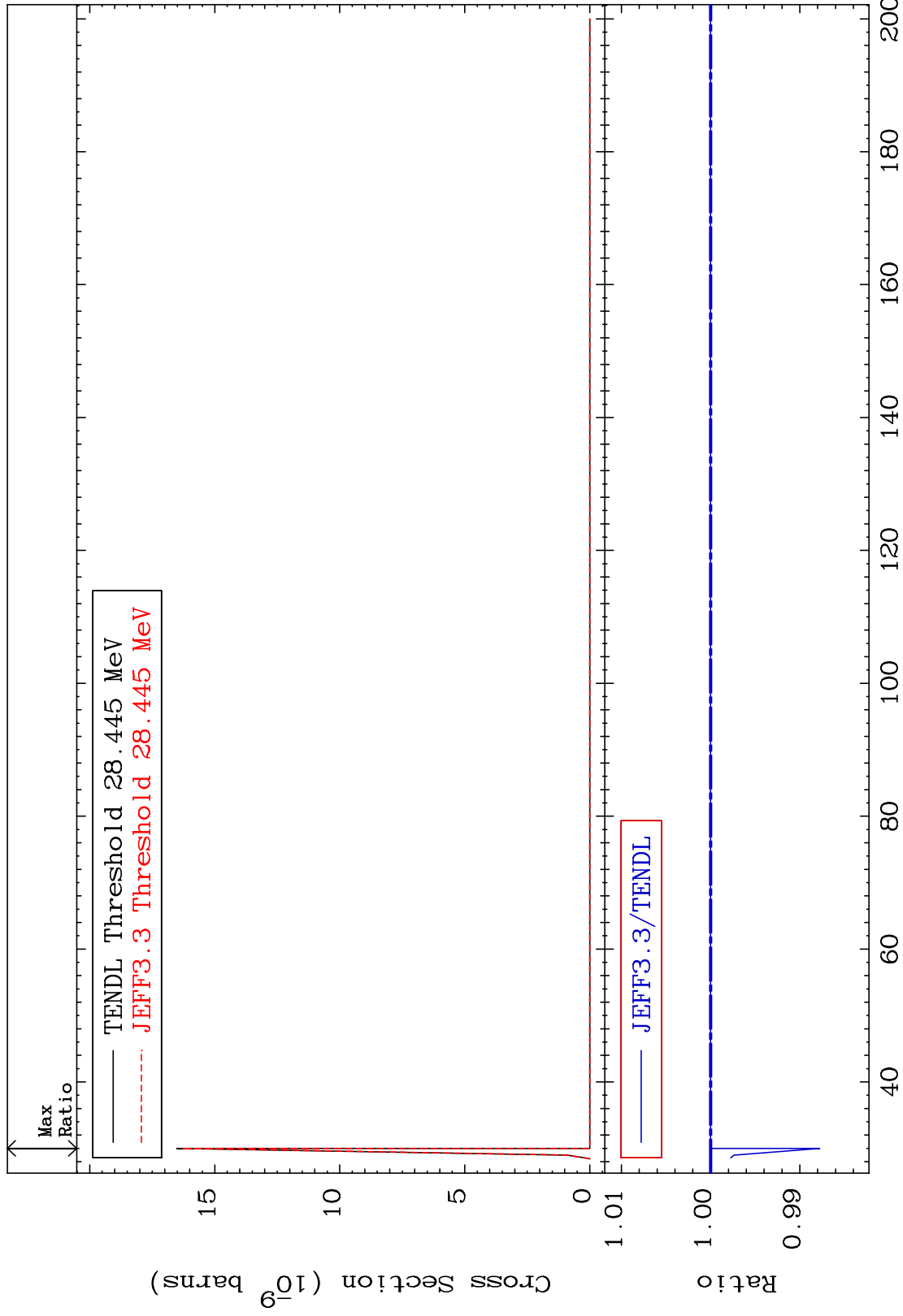
75

Incident Energy (MeV)

36-Kr-80

MAT 3631

(n,3n) p:35-Br-77g 36-Kr-80
Radionuclide Production Cross Section -1.224 To 0.000 %



76

Incident Energy (MeV)

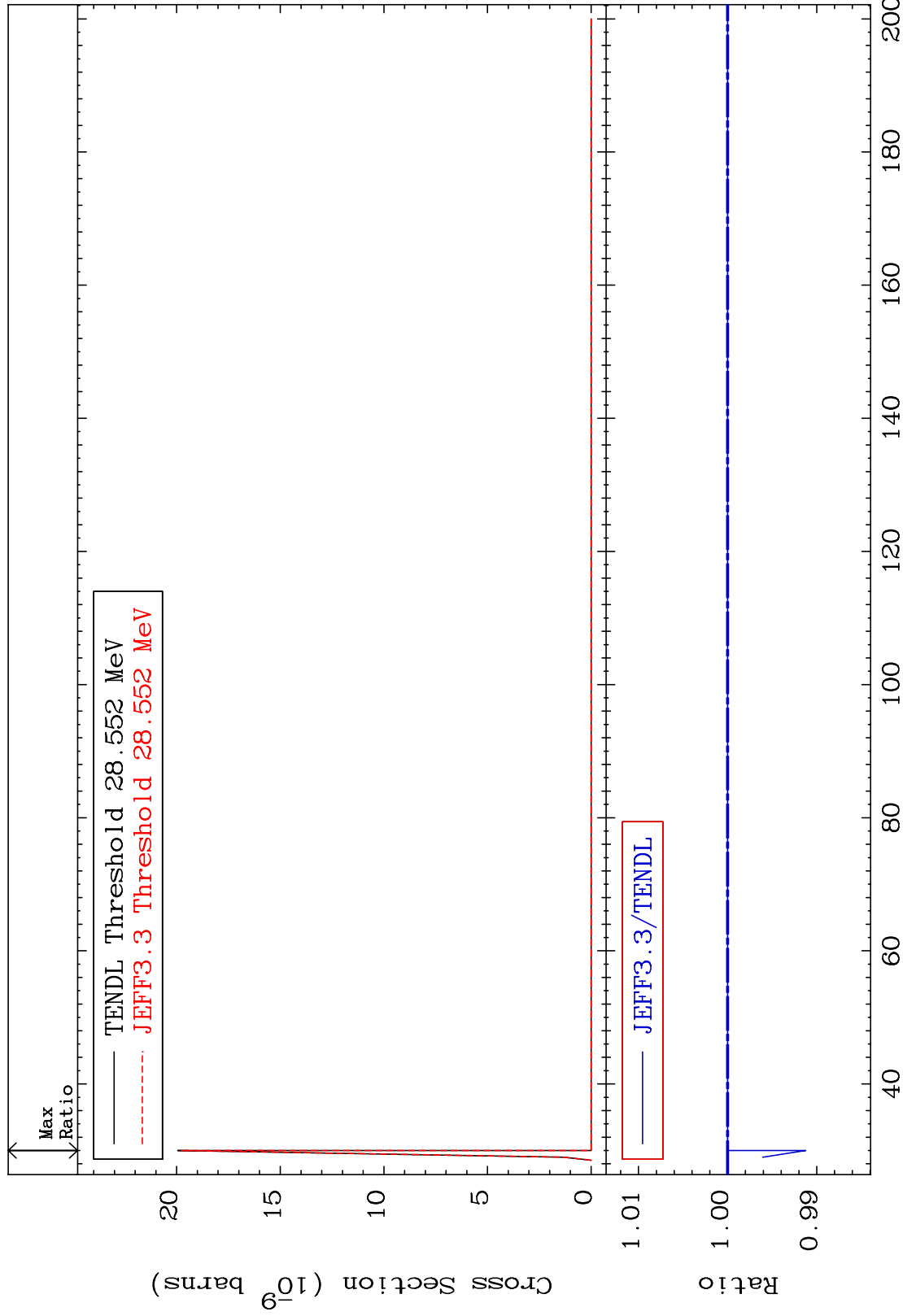
36-Kr-80

MAT 3631

(n,3n) p:35-Br-77m1

36-Kr-80

Radionuclide Production Cross Section -0.877 To 0.000 %

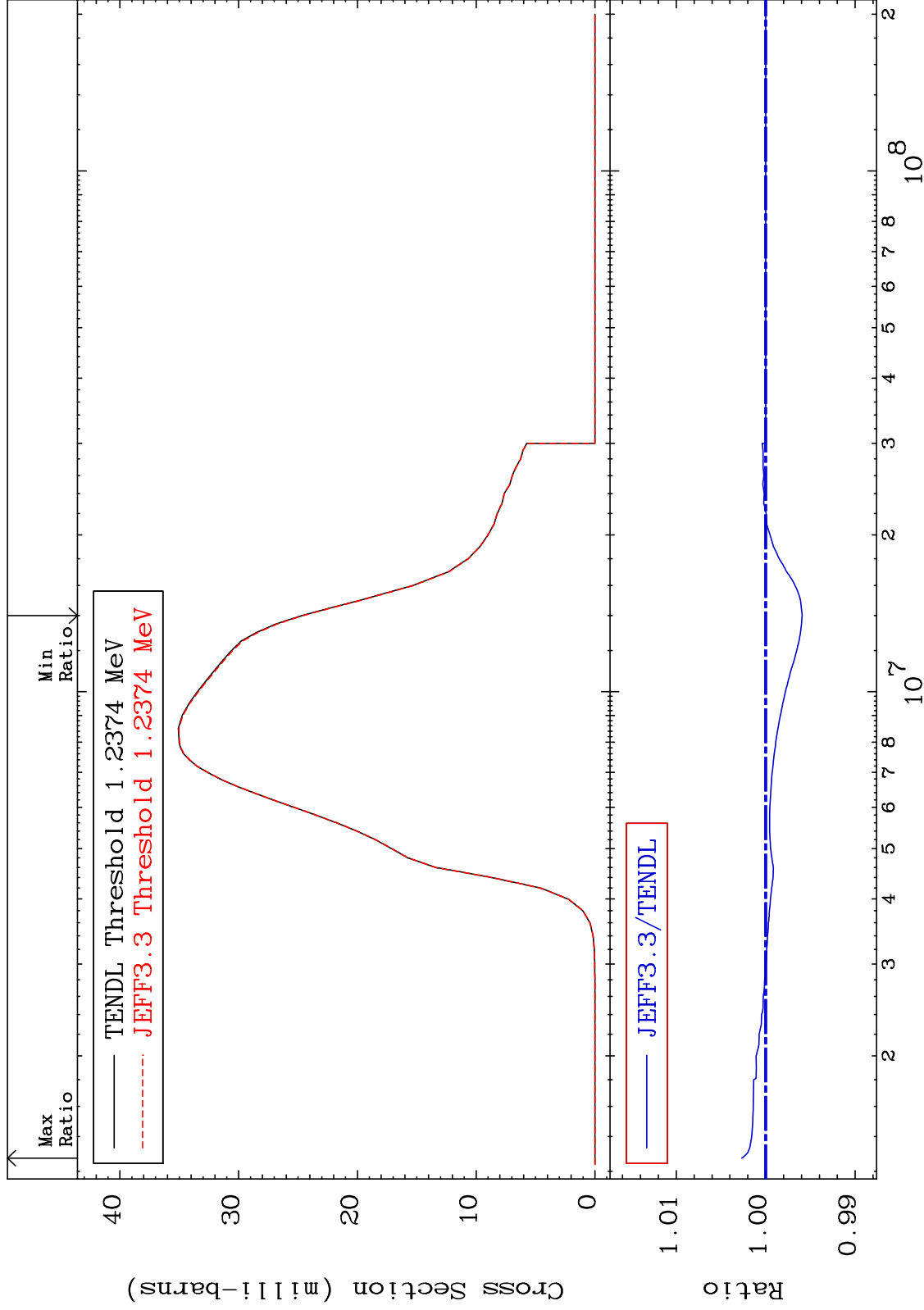


MAT 3631

(n,p):35-Br-80g

36-Kr-80

Radionuclide Production Cross Section -0.408 To 0.270 %

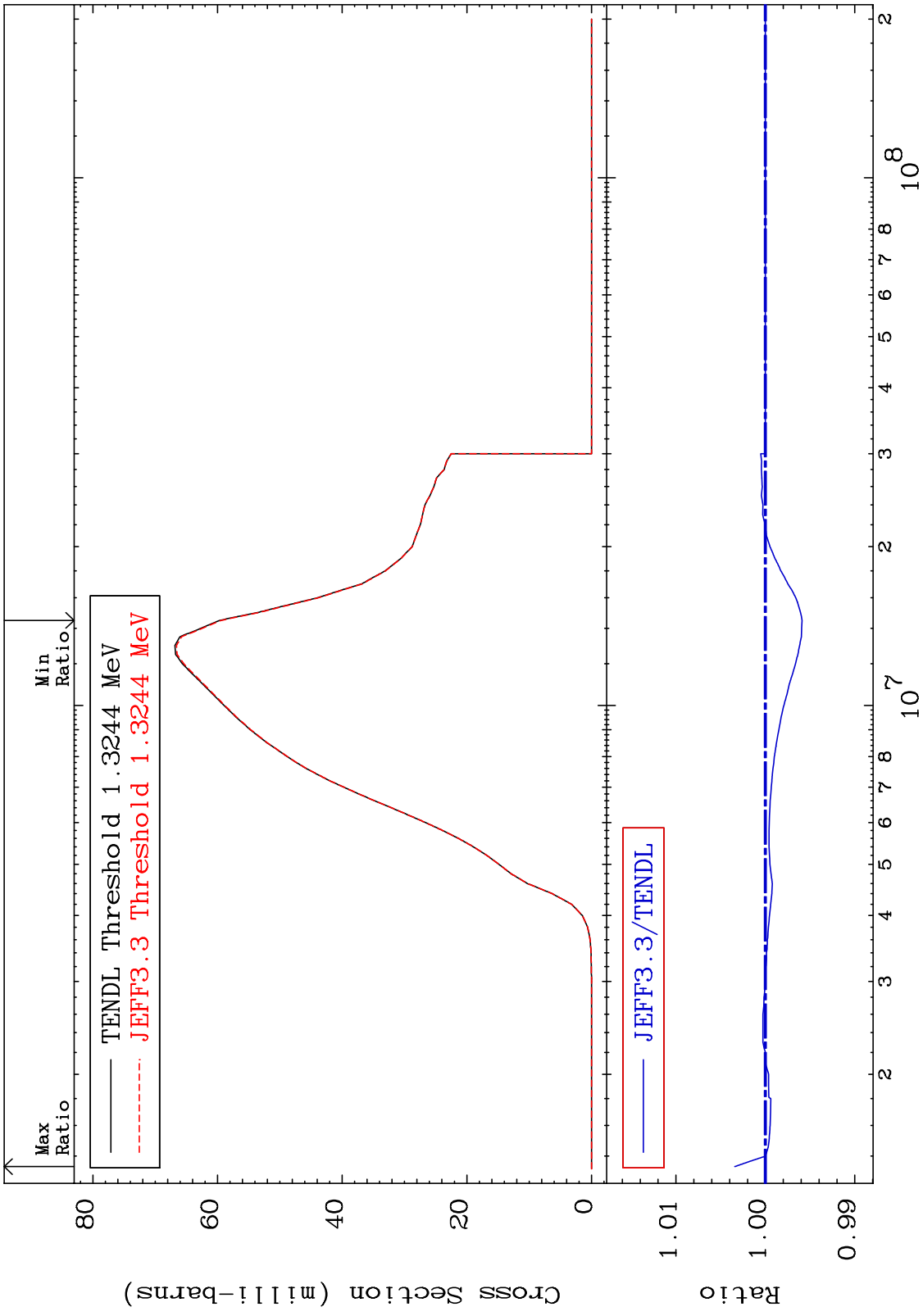


78

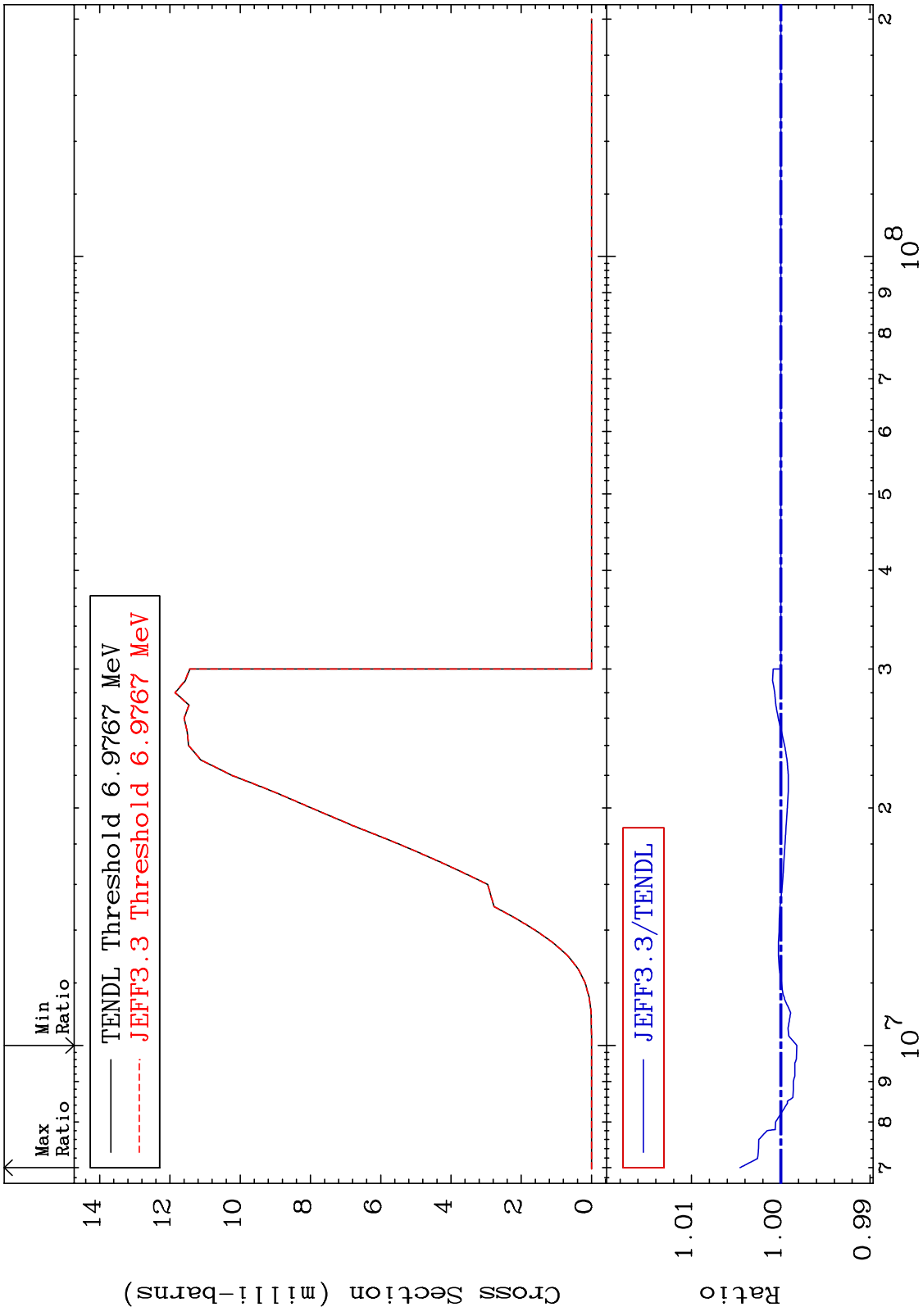
Incident Energy (eV)

36-Kr-80

MAT 3631 (n,p):35-Br-80m2 36-Kr-80
 Radionuclide Production Cross Section -0.410 To 0.342 %



MAT 3631 (n,d):35-Br-79g 36-Kr-80
 Radionuclide Production Cross Section -0.180 To 0.457 %



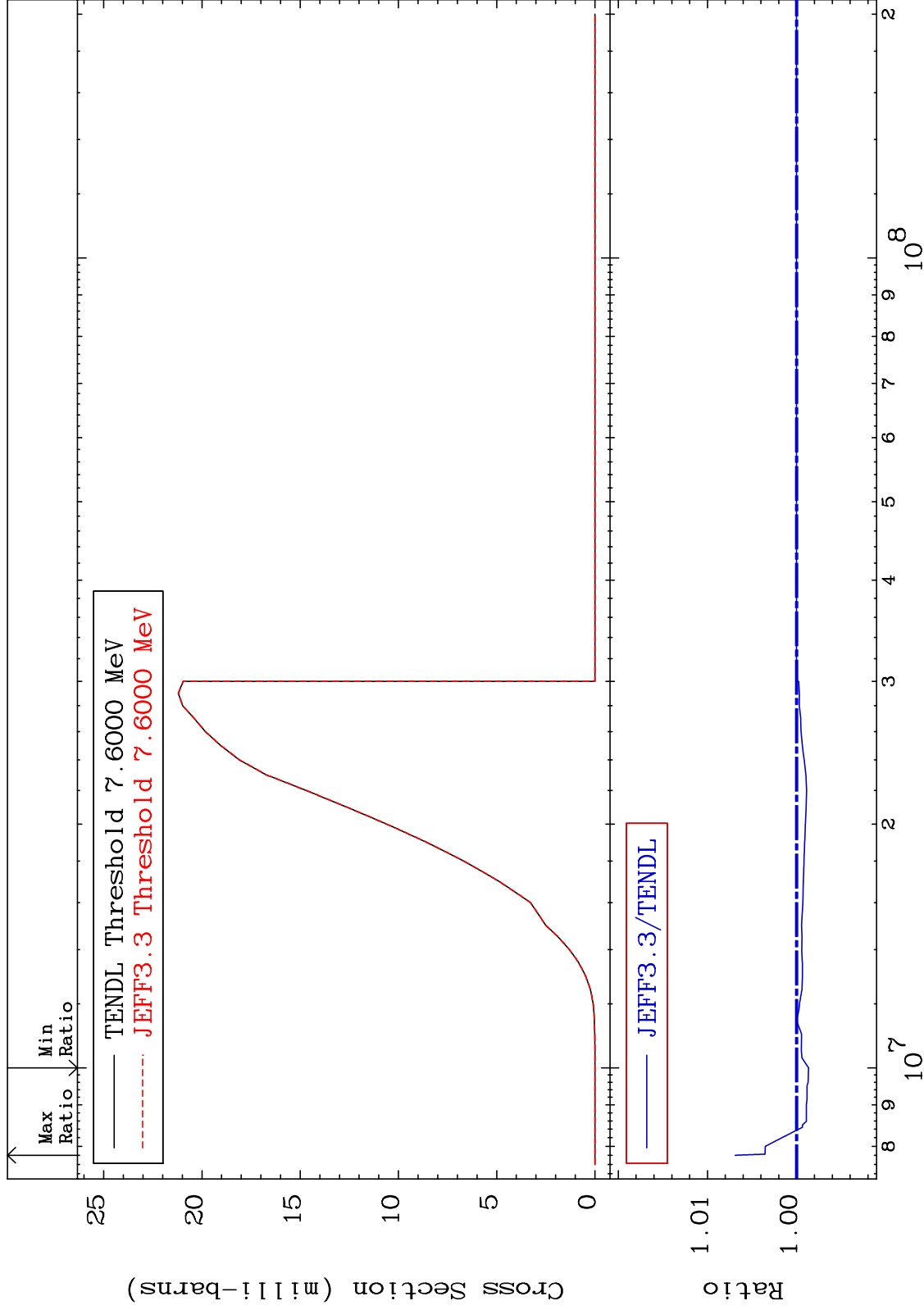
80 Incident Energy (eV) 36-Kr-80

MAT 3631

(n,d):35-Br-79m1

36-Kr-80

Radionuclide Production Cross Section -0.134 To 0.690 %



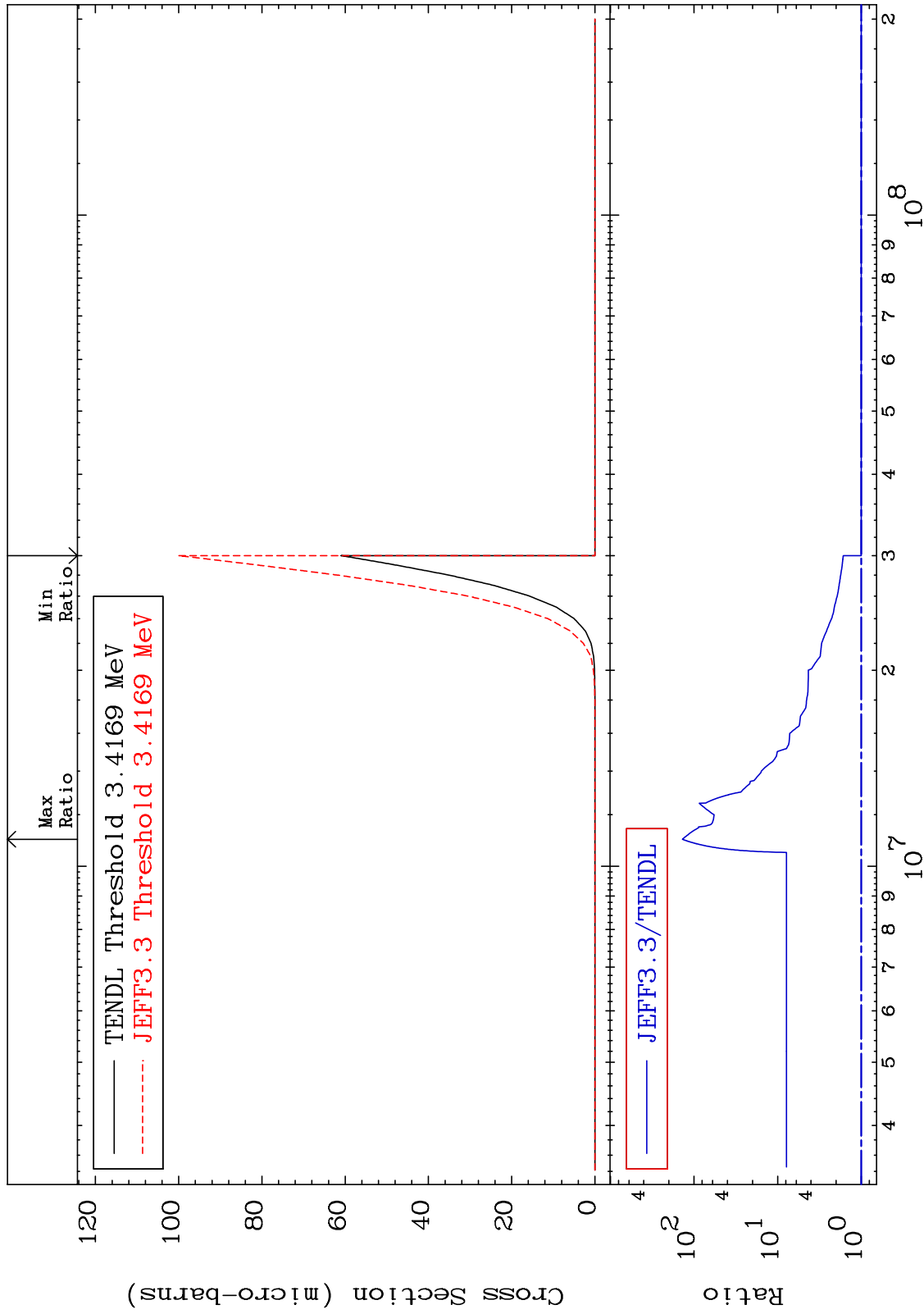
81

Incident Energy (eV)

36-Kr-80

MAT 3631

(n,2α) : 32-Ge-73g 36-Kr-80
Radionuclide Production Cross Section 0.000 To 9999. %



82

Incident Energy (eV)

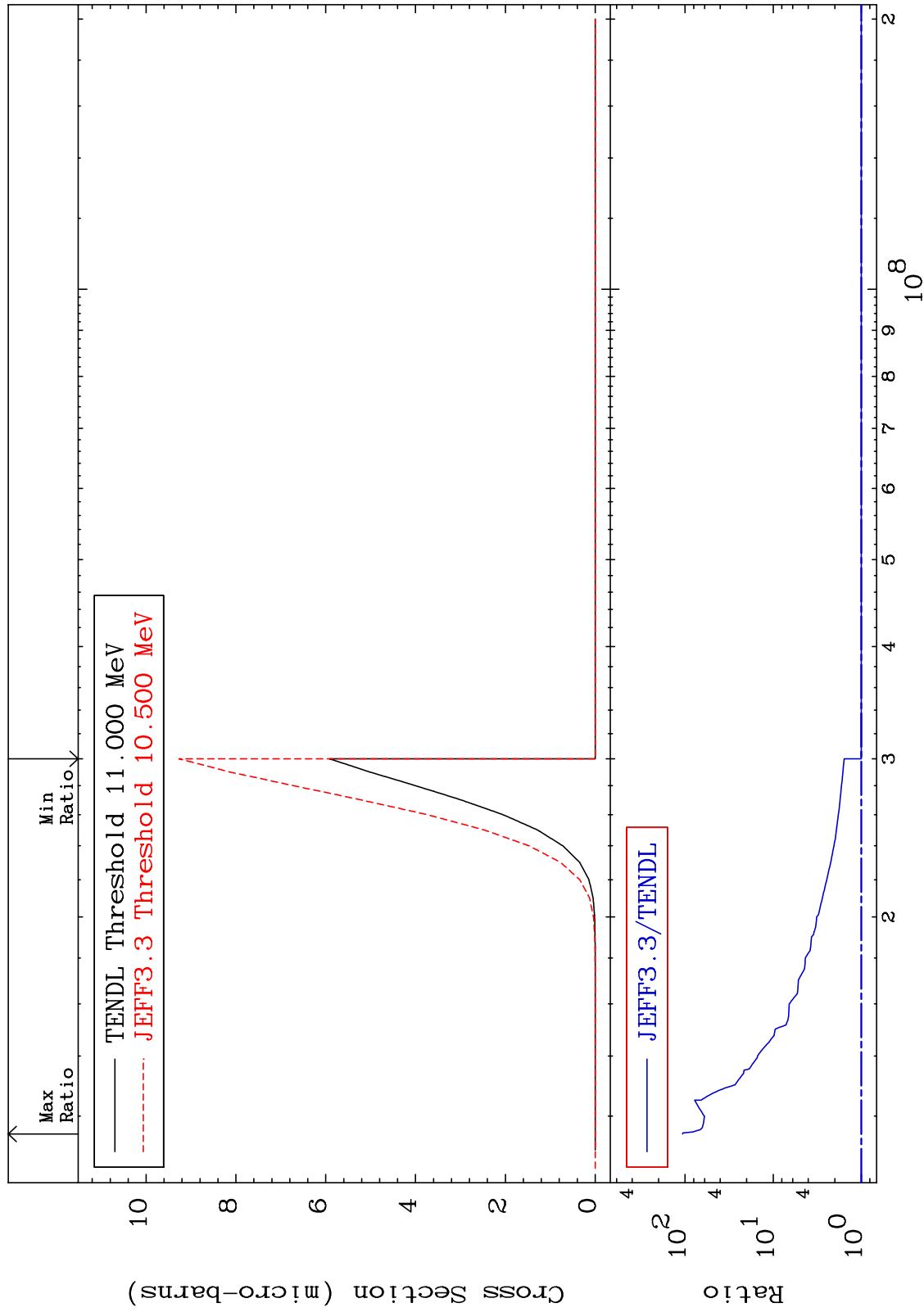
36-Kr-80

MAT 3631

(n,2α):32-Ge-73m2

36-Kr-80

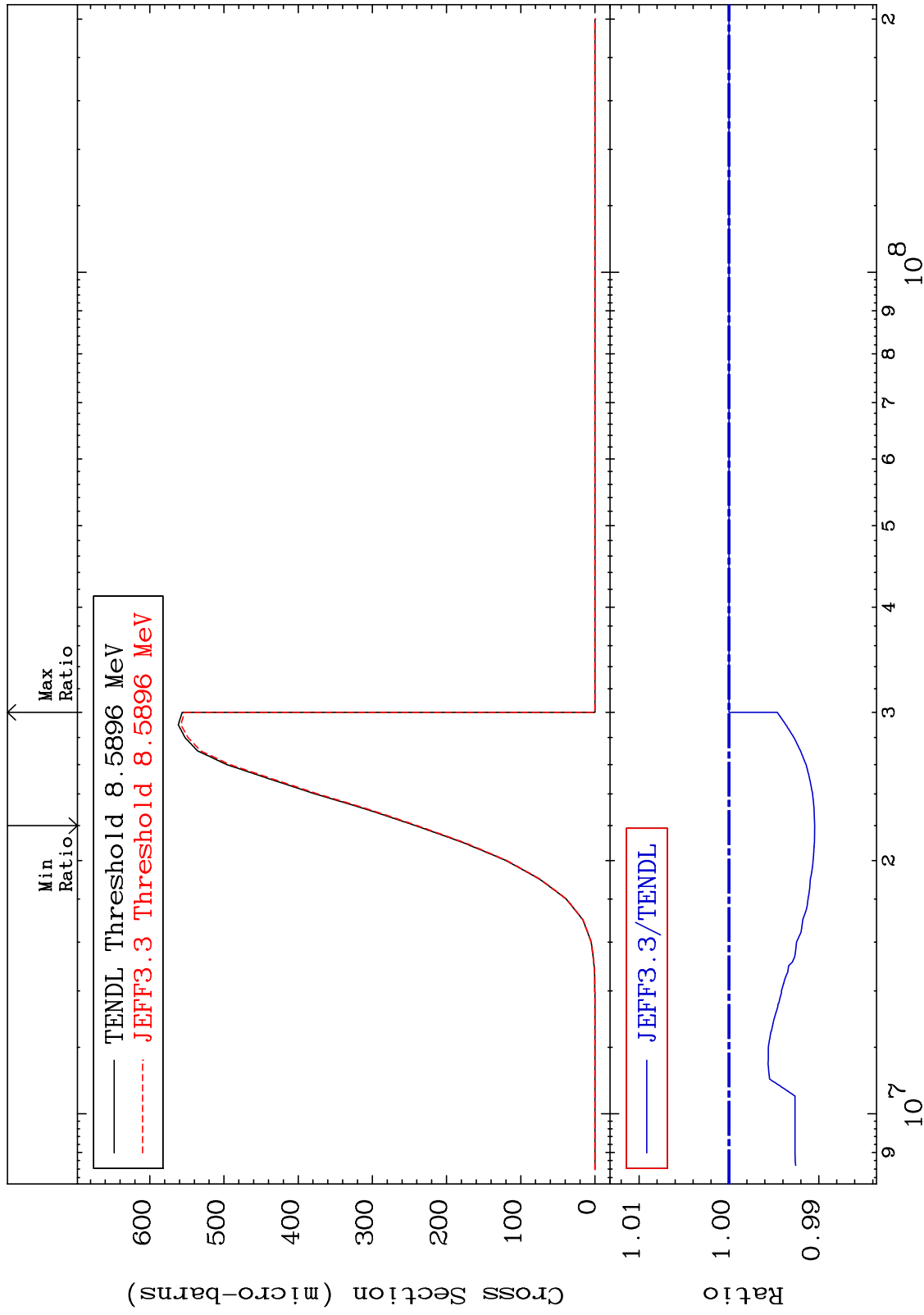
Radionuclide Production Cross Section 0.000 To 9999. %



MAT 3631

36-Kr-80

(n,2p):34-Se-79g
Radionuclide Production Cross Section -0.955 To 0.000 %



84

Incident Energy (eV)

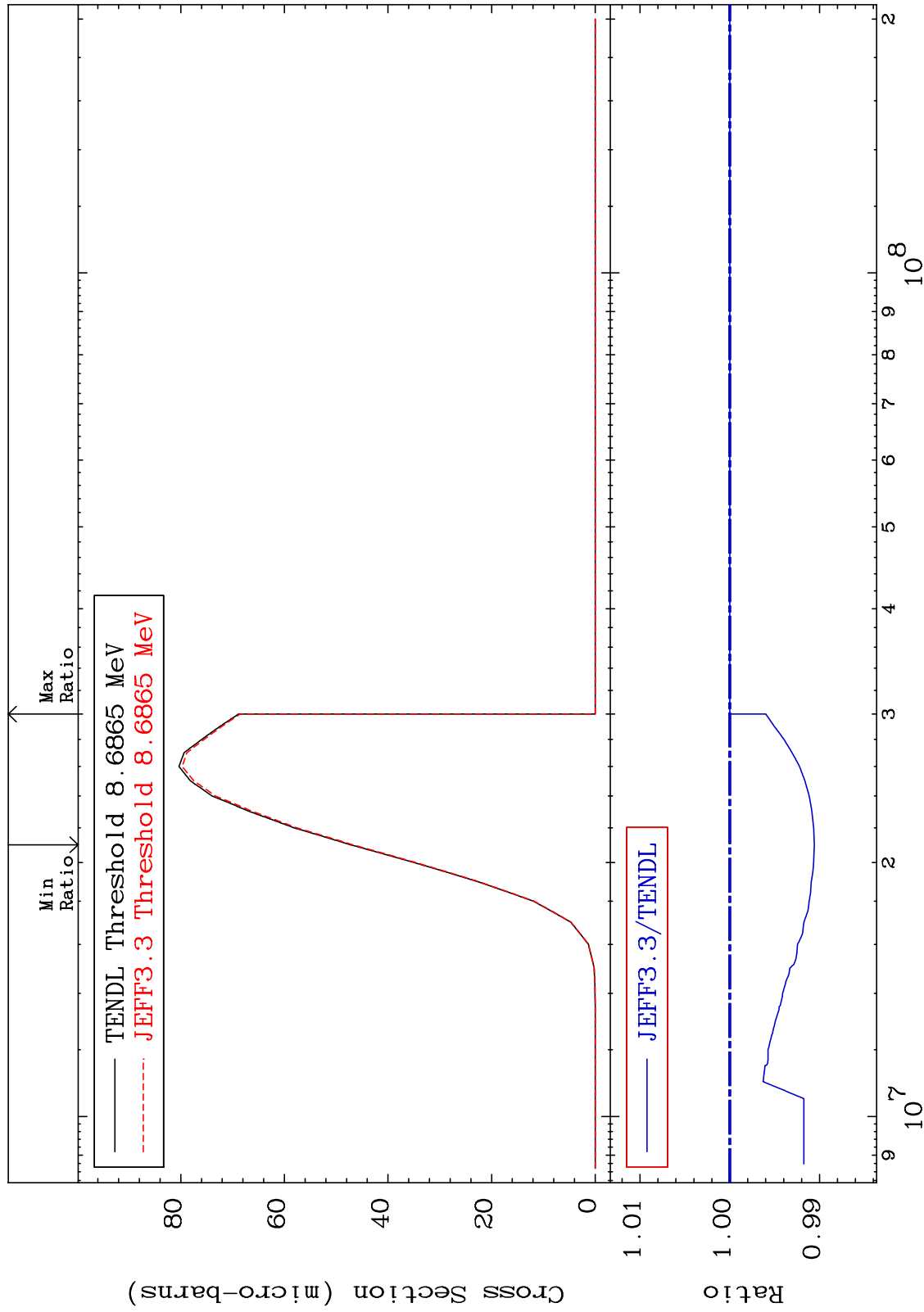
36-Kr-80

MAT 3631

(n,2p):34-Se-79m1

36-Kr-80

Radionuclide Production Cross Section -0.941 To 0.000 %

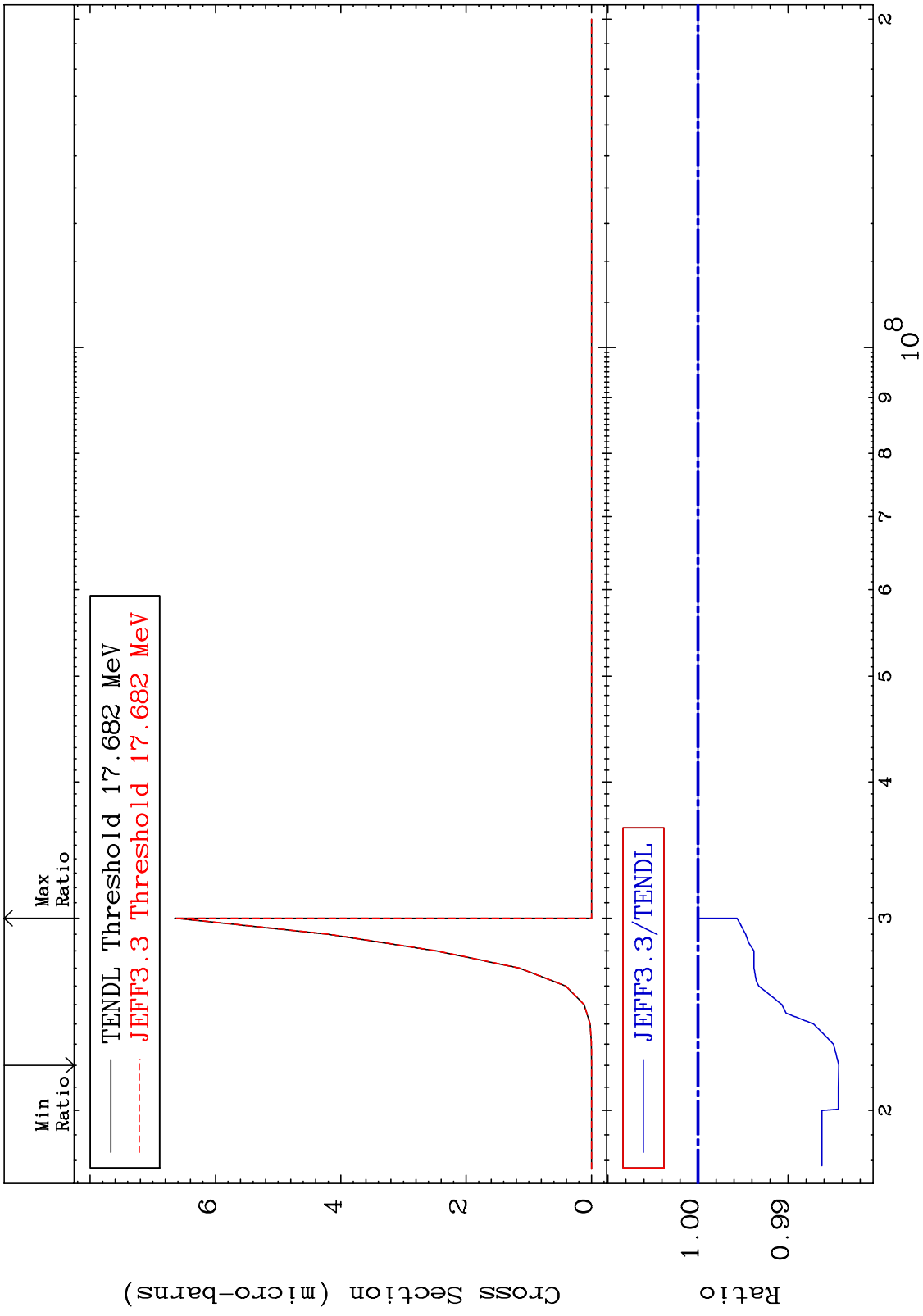


85

Incident Energy (eV)

36-Kr-80

MAT 3631 (n,p) t:34-Se-77g 36-Kr-80
 Radionuclide Production Cross Section -1.563 To 0.000 %

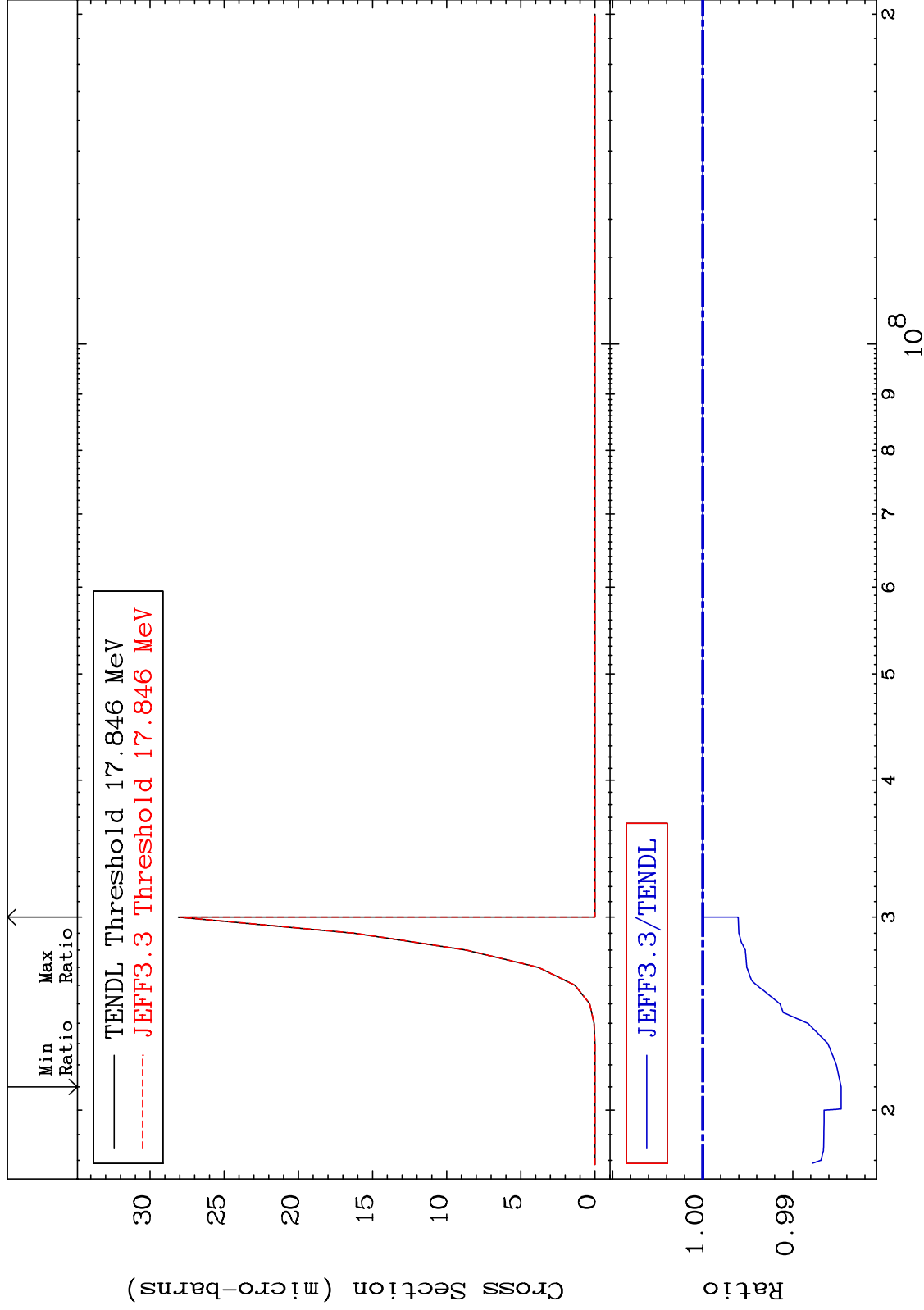


MAT 3631

(n,p) t:34-Se-77m1

36-Kr-80

Radionuclide Production Cross Section -1.536 To 0.000 %



87

Incident Energy (eV)

36-Kr-80