

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

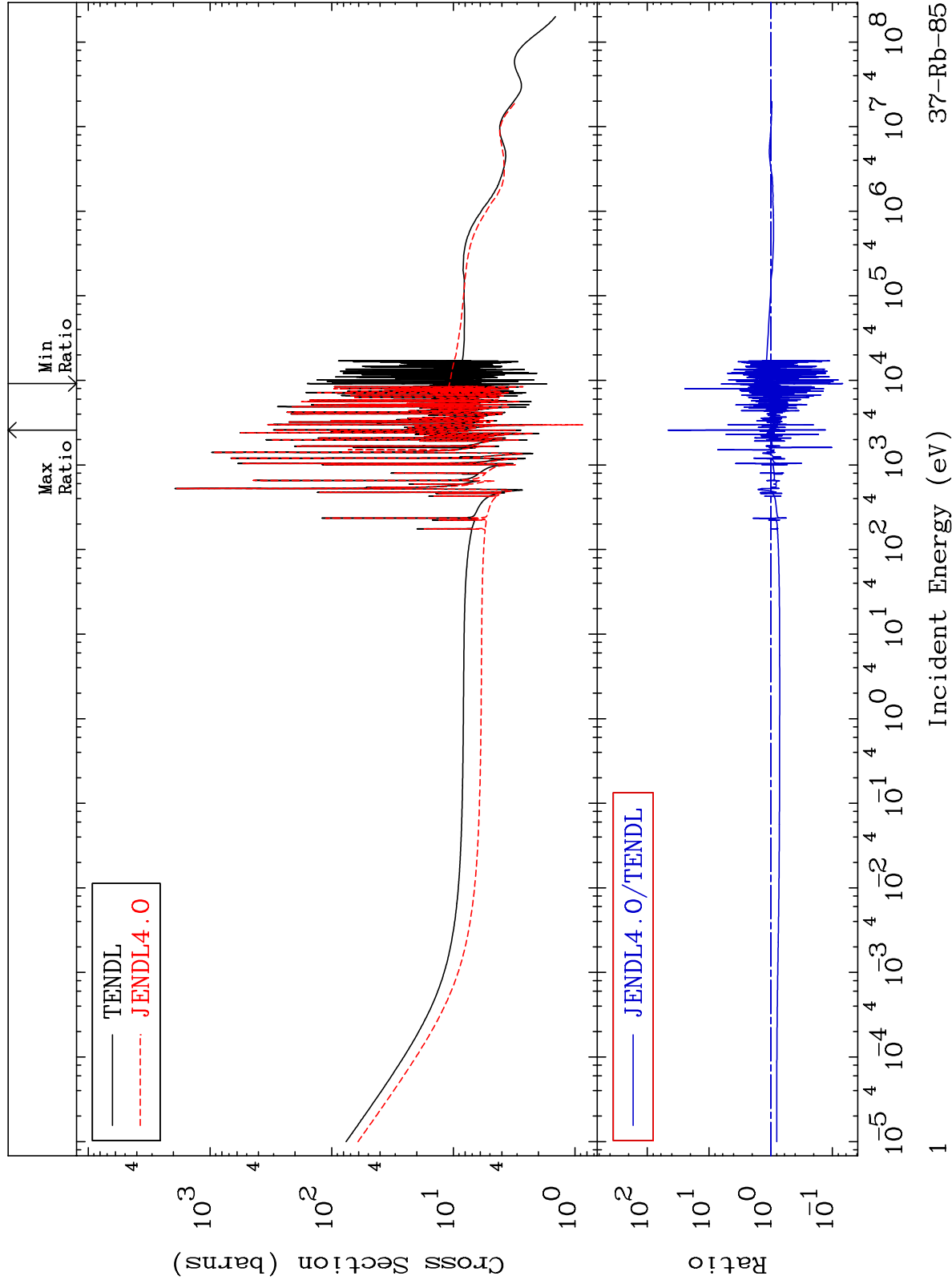
MAT 3725

Total

37-Rb-85

Cross Section

-93.23 To 4502. %



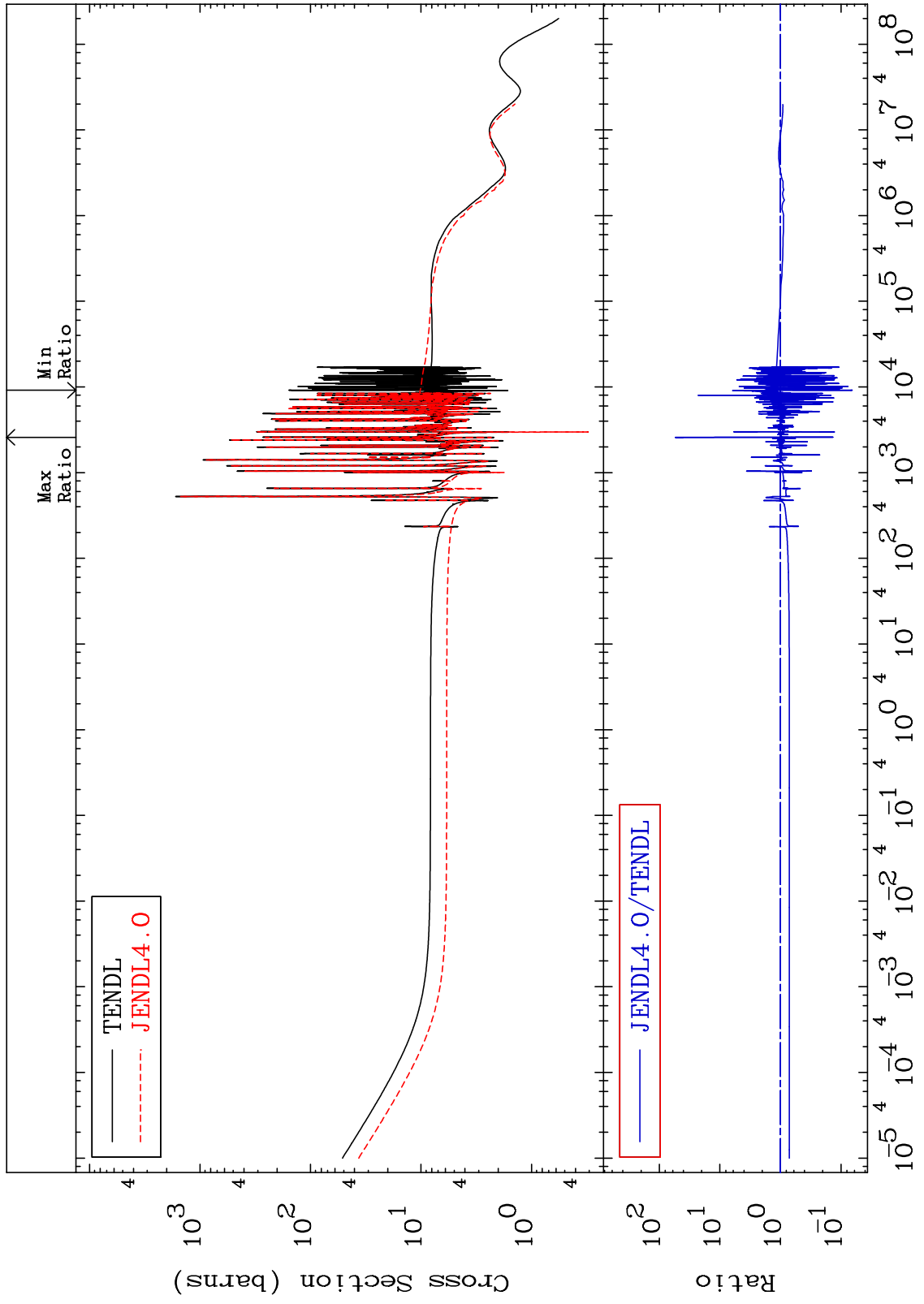
Incident Energy (eV)

37-Rb-85

MAT 3725

Elastic
Cross Section

37-Rb-85
-93.51 To 5360. %



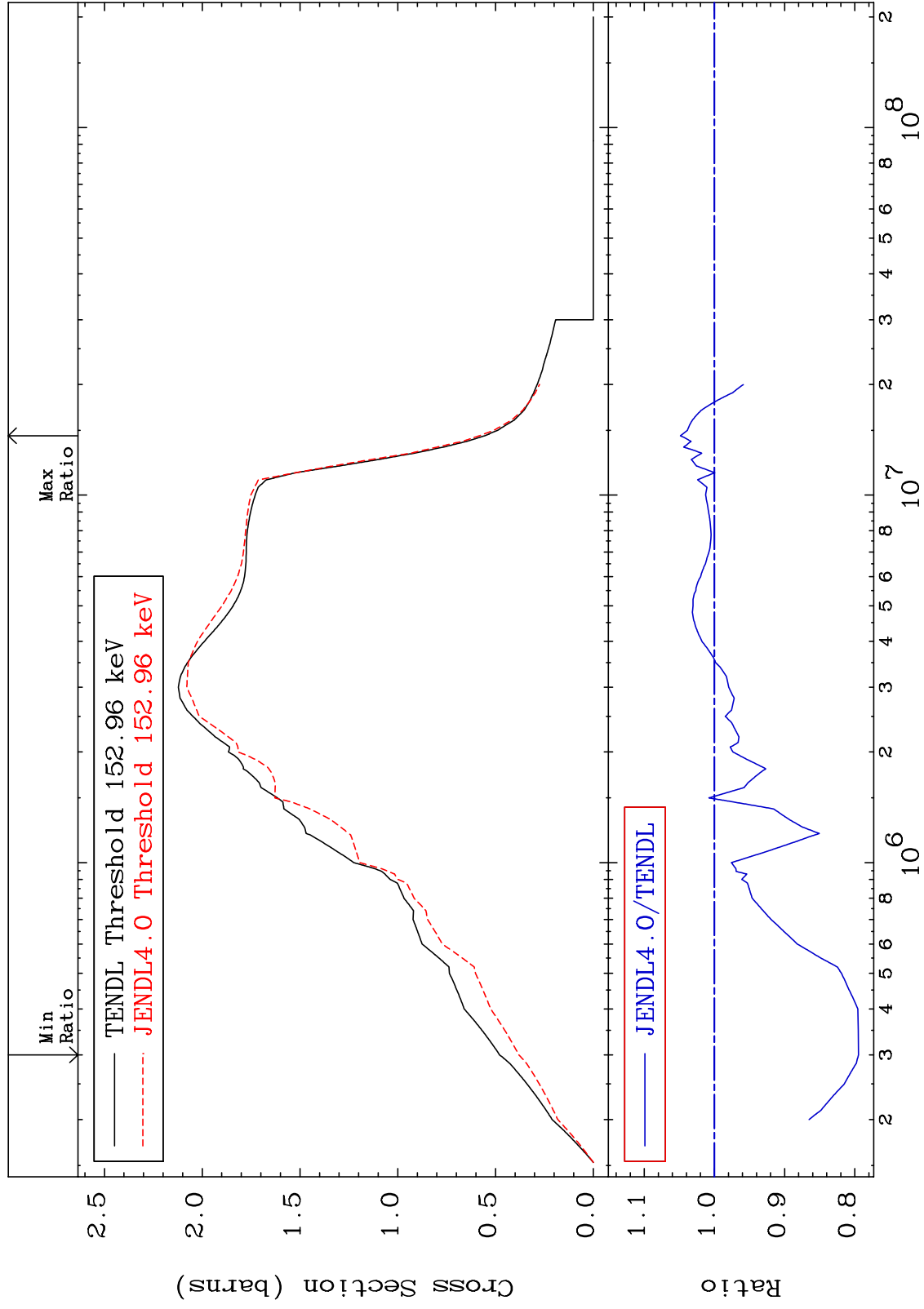
Incident Energy (eV)

37-Rb-85

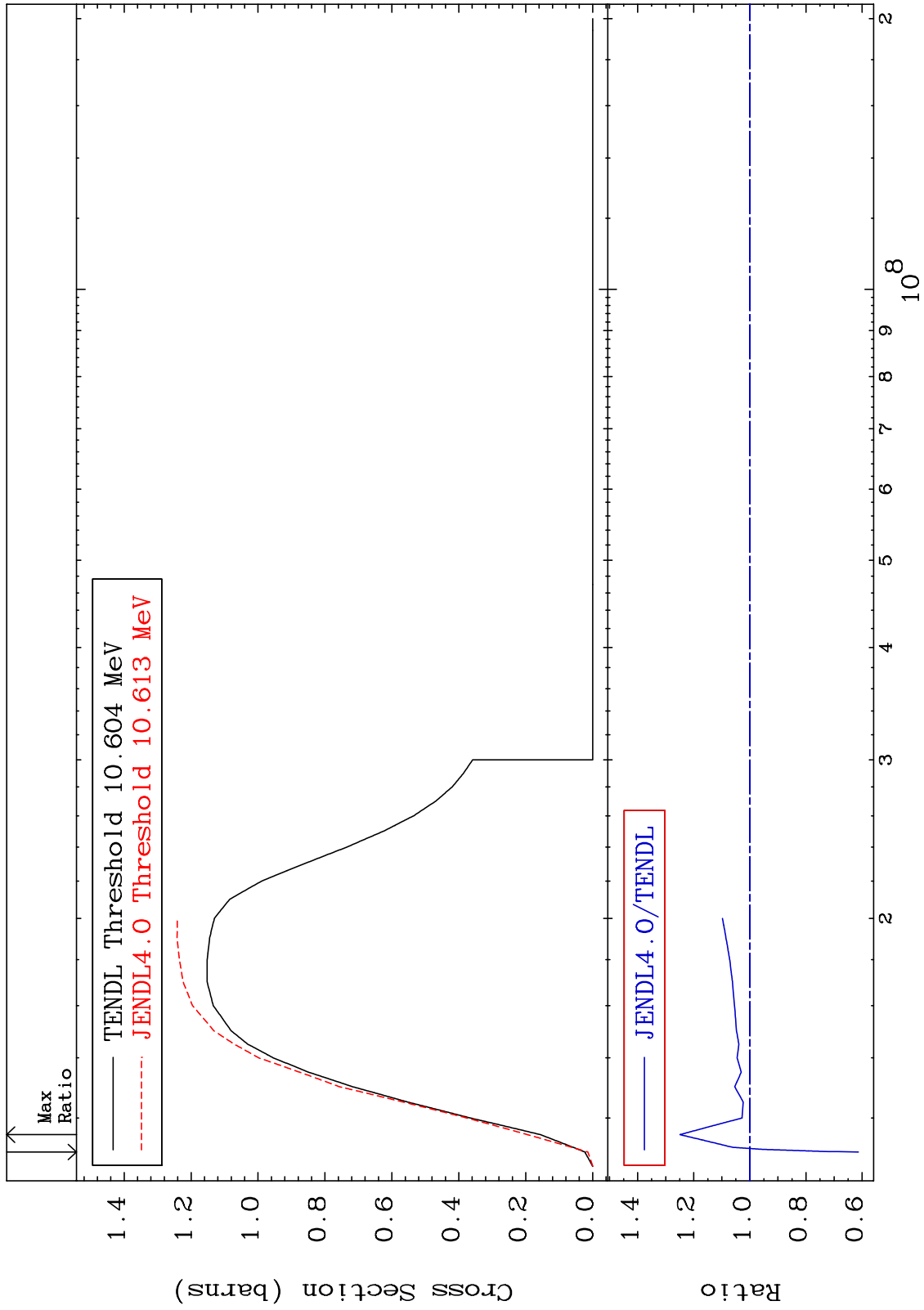
MAT 3725

Inelastic
Cross Section

37-Rb-85
-20.52 To 4.843 %



MAT 3725 (n,2n) Cross Section 37-Rb-85 -38.68 To 24.90 %



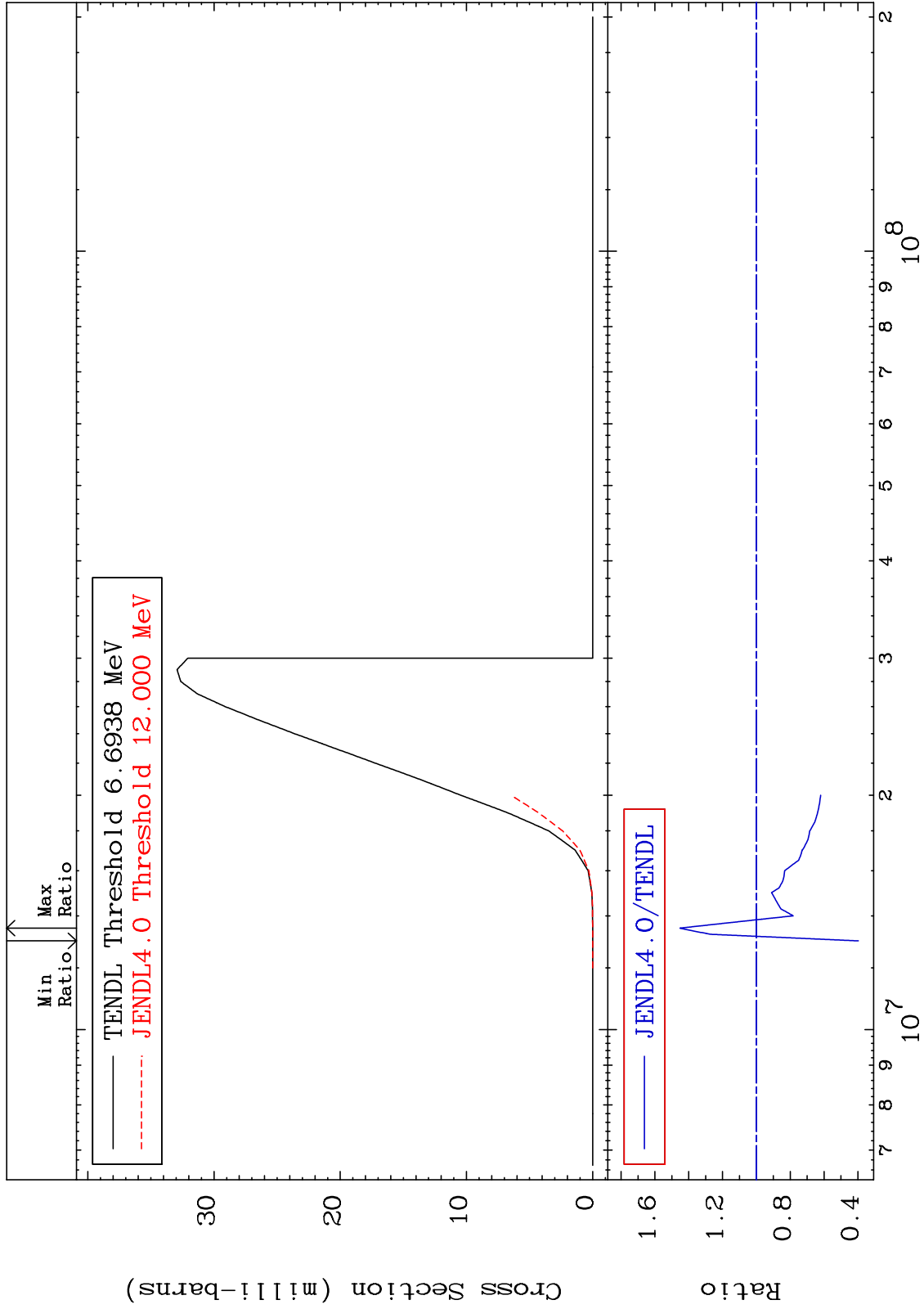
MAT 3725

(n, n') α

37-Rb-85

Cross Section

-60.29 To 45.15 %



5

Incident Energy (eV)

37-Rb-85

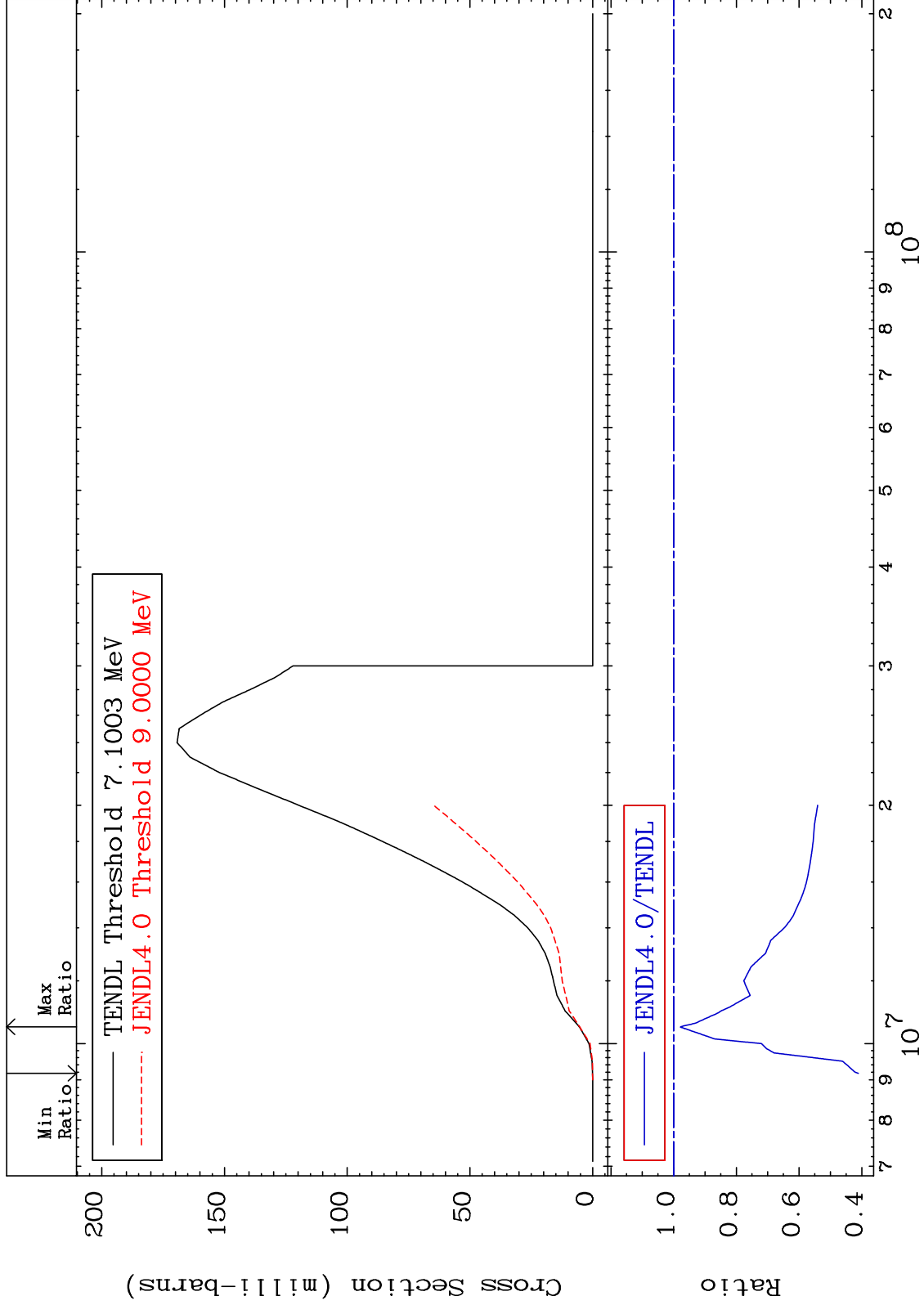
MAT 3725

(n,n') p

37-Rb-85

Cross Section

-58.93 To -2.034%



6

Incident Energy (eV)

37-Rb-85

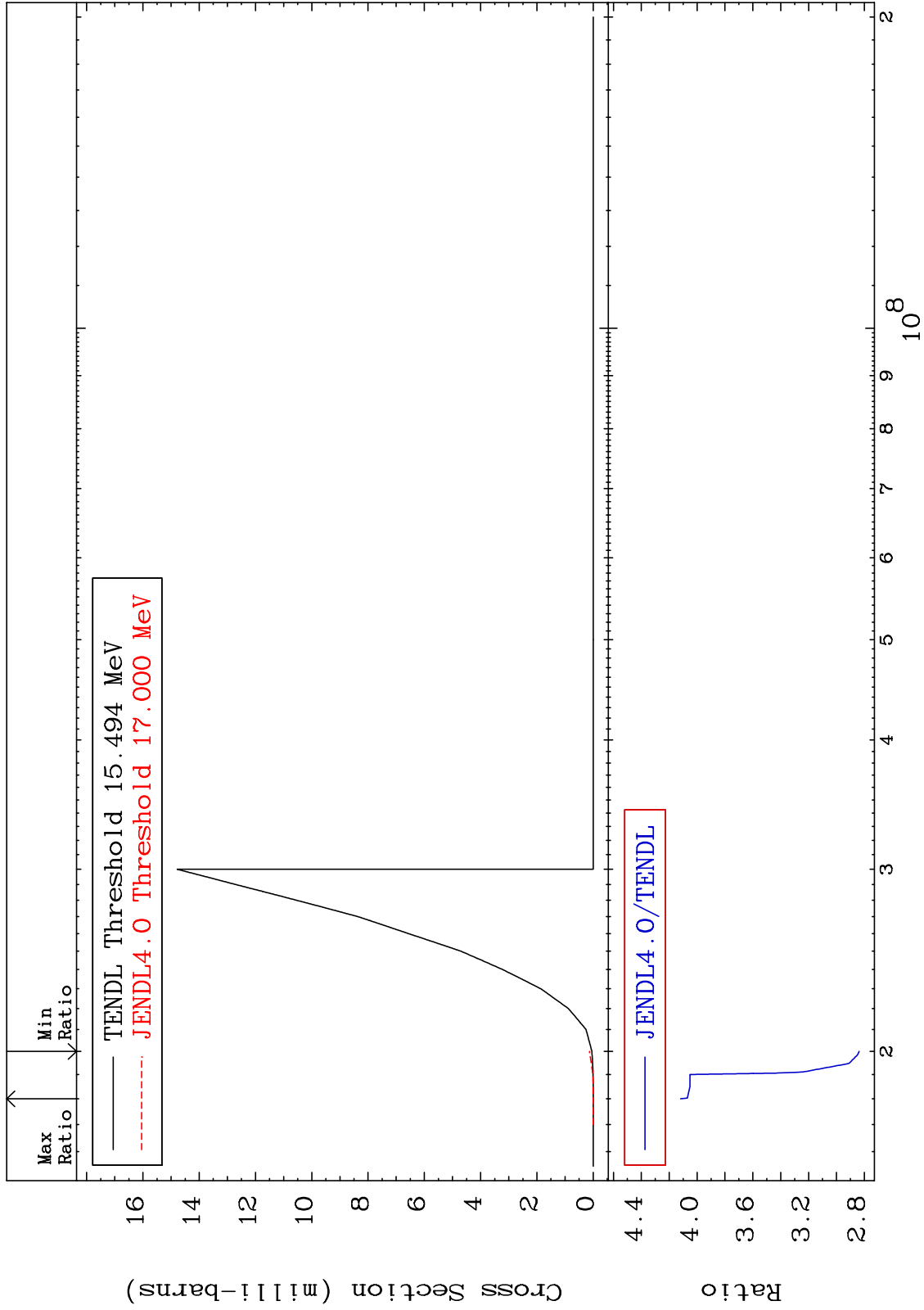
MAT 3725

(n,n') d

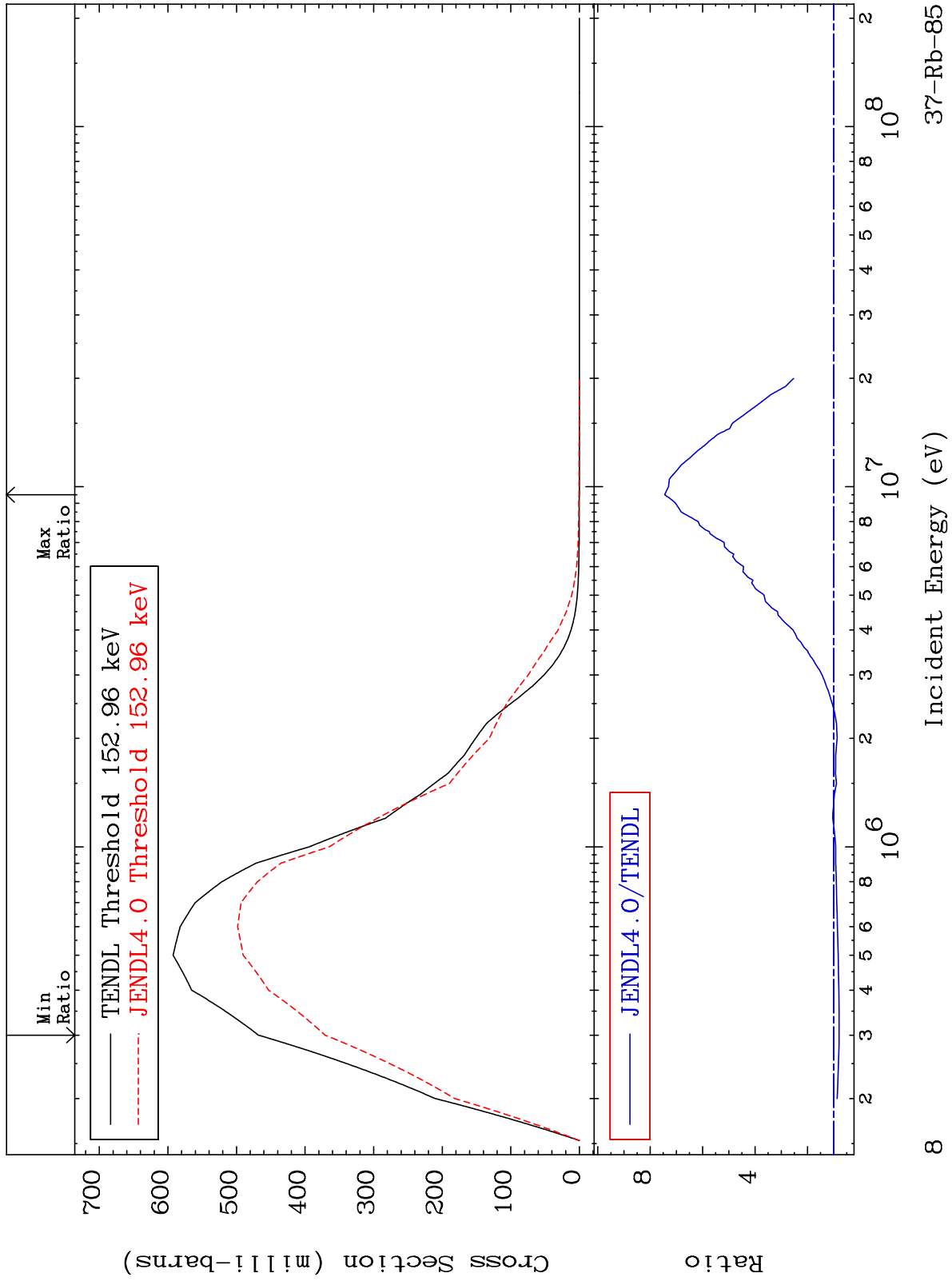
37-Rb-85

Cross Section

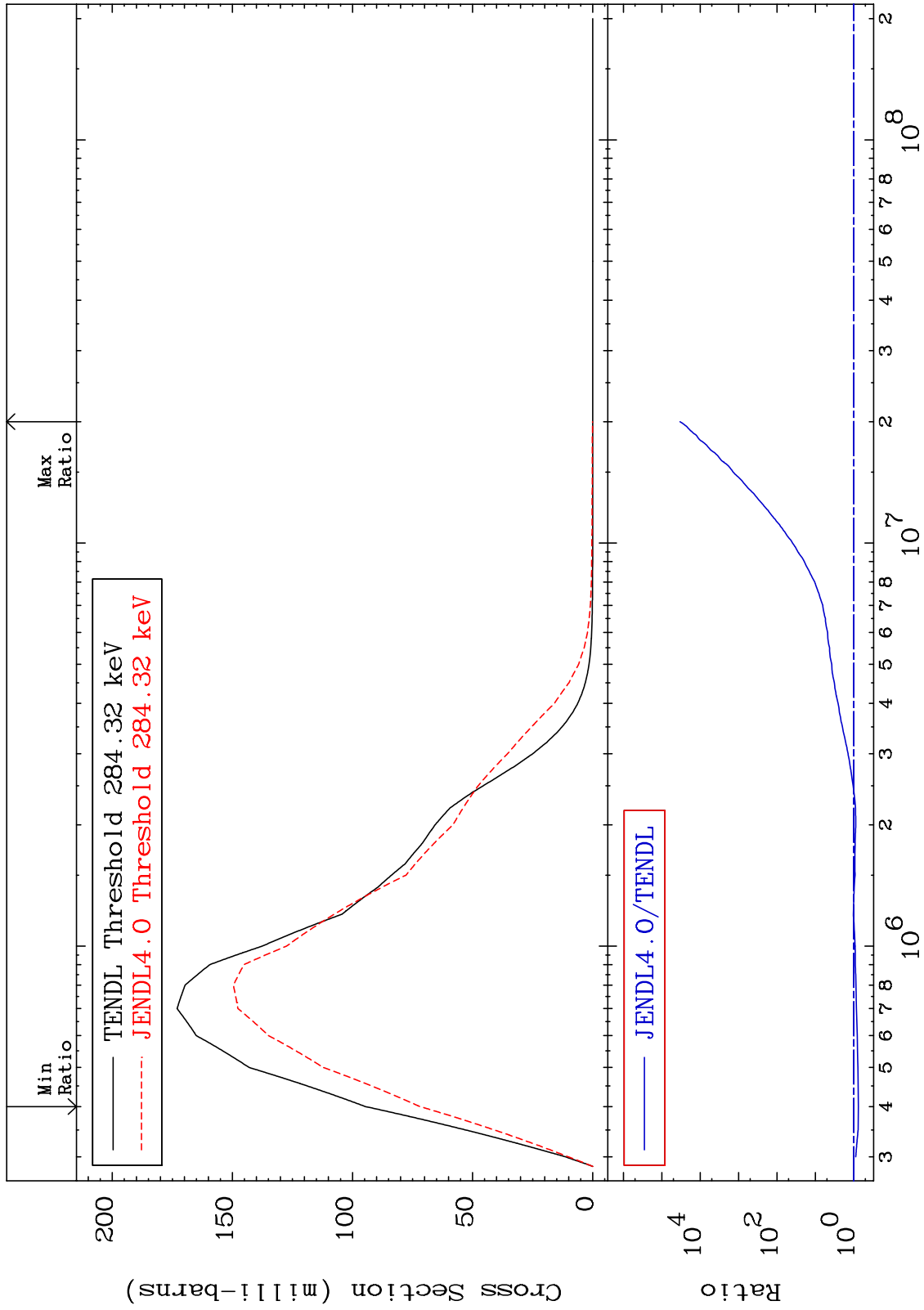
183.7 To 311.8 %



MAT 3725 MT= 51 (n,n') Level Cross Section -20.76 To 644.5 % 37-Rb-85



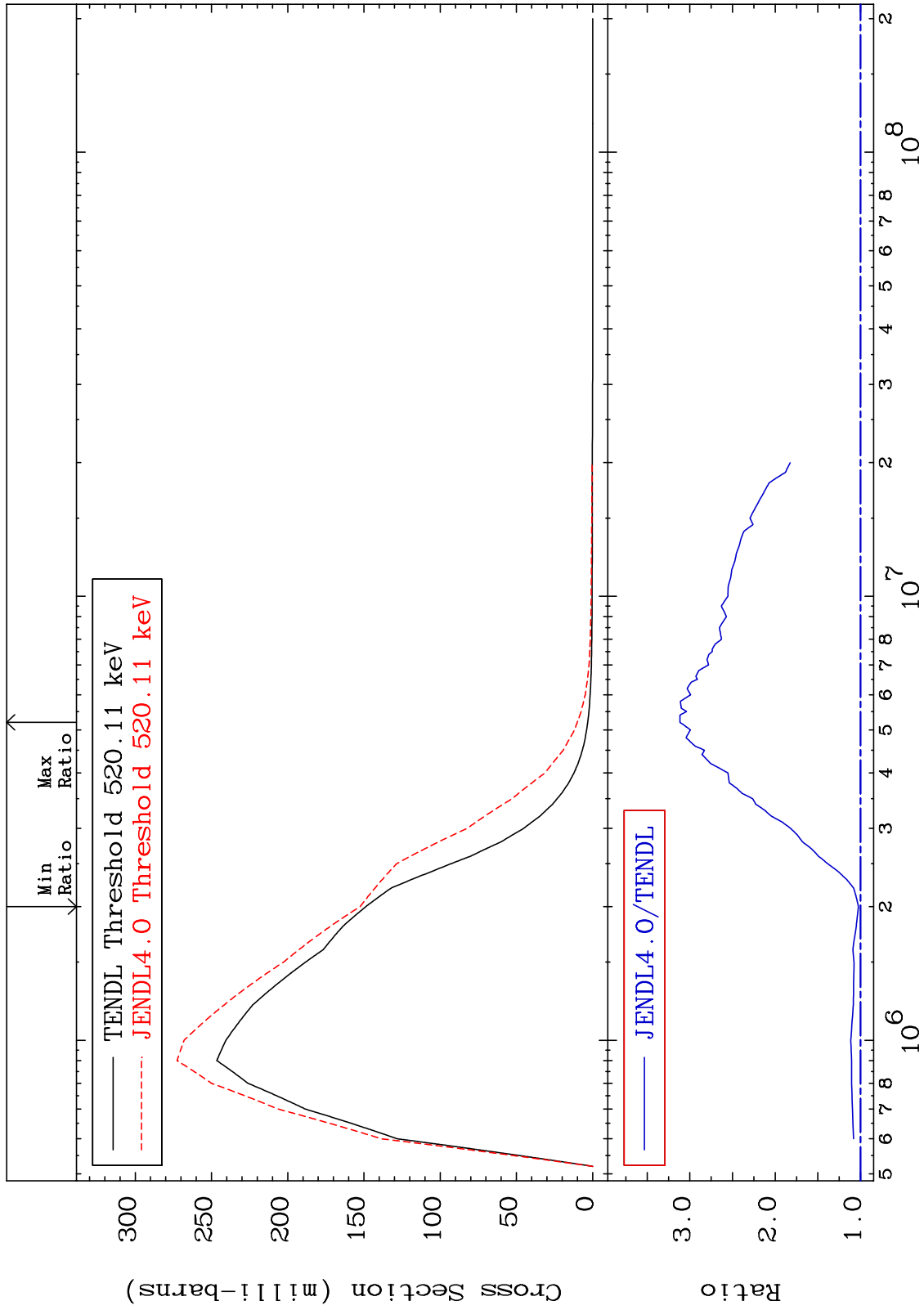
MAT 3725 MT= 52 (n,n') Level Cross Section -24.01 To 9999. % 37-Rb-85



MAT 3725

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

37-Rb-85
2.514 To 211.5 %



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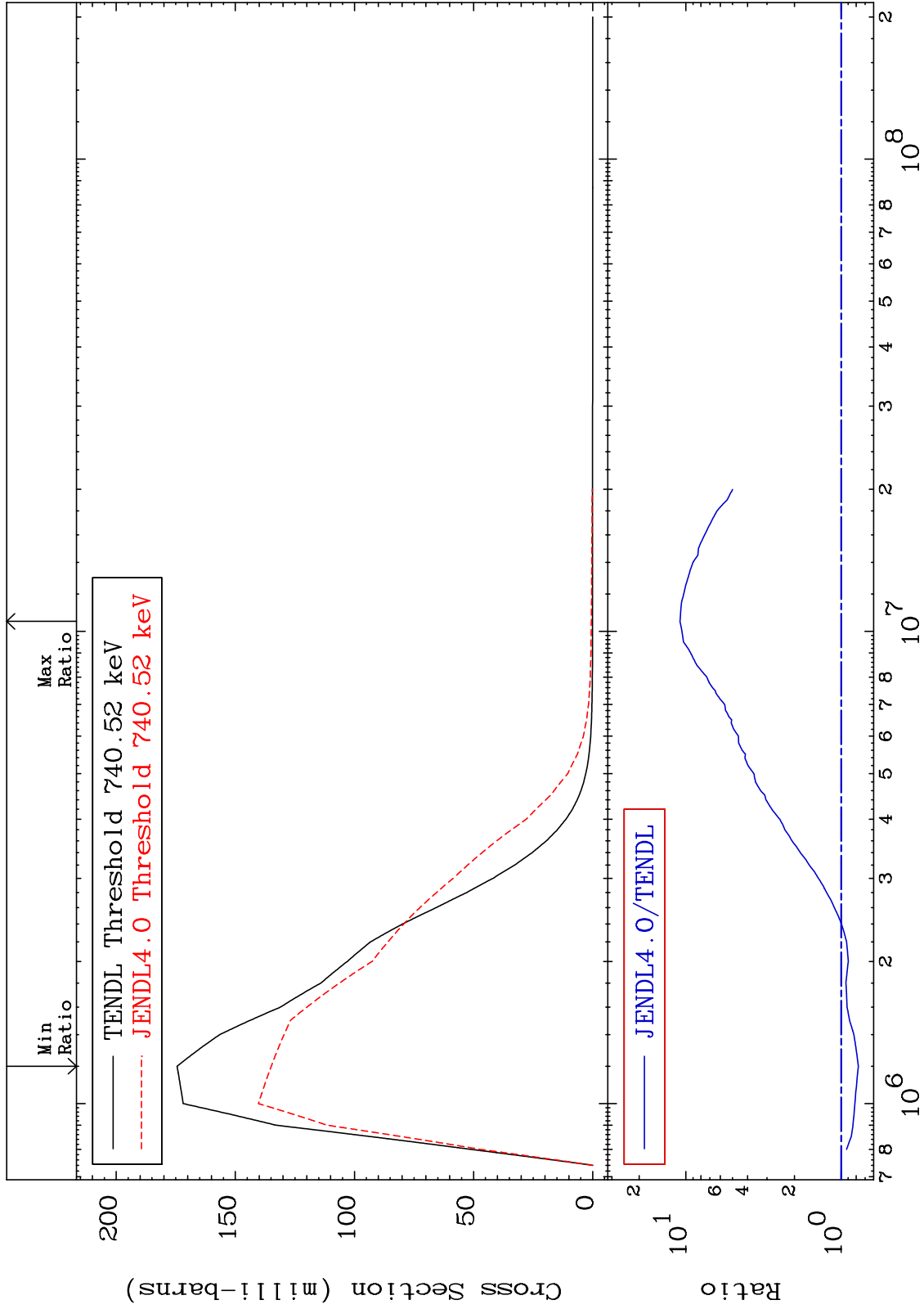
Incident Energy (eV)

37-Rb-85

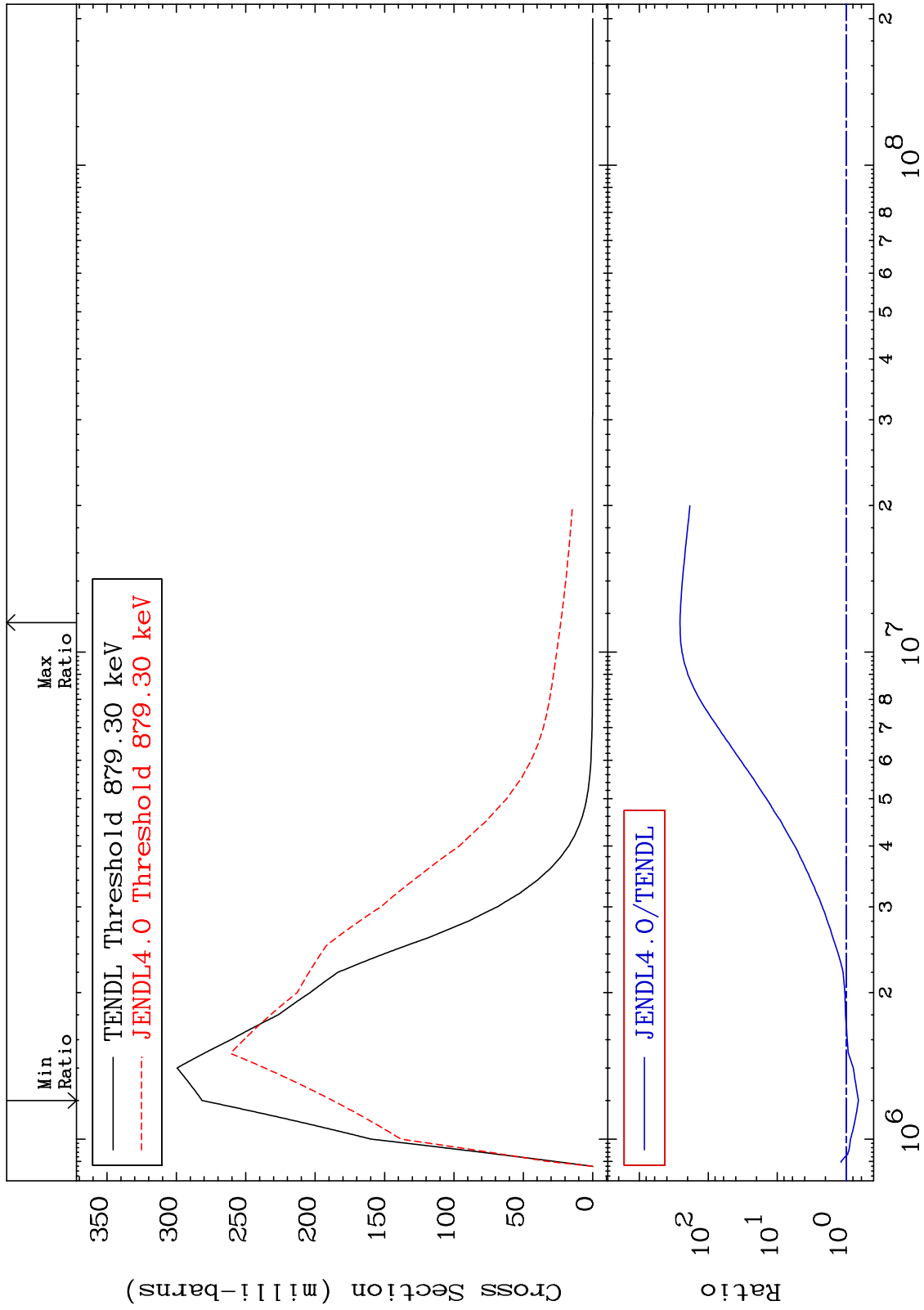
MAT 3725

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

37-Rb-85
-22.66 To 990.7 %

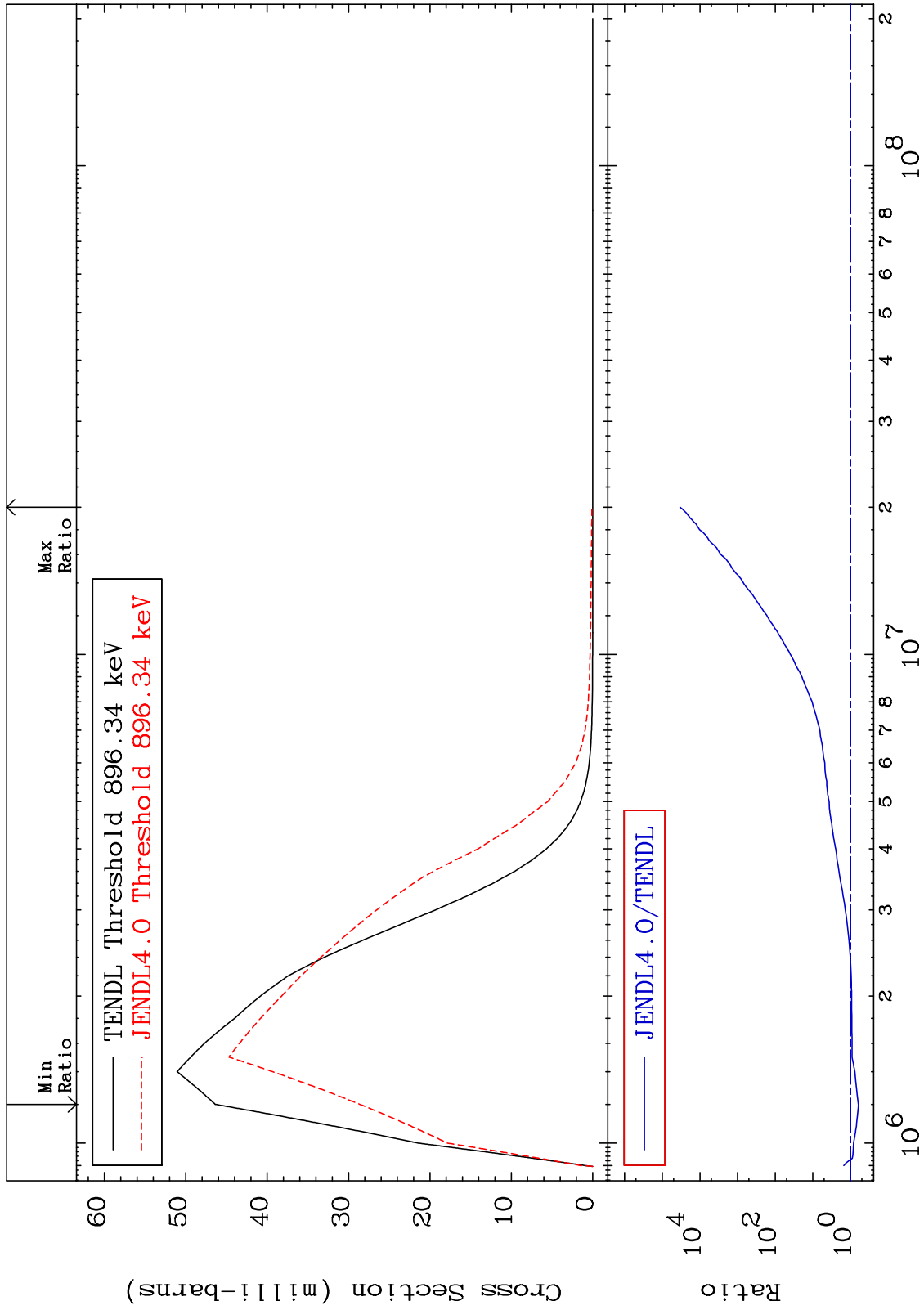


MAT 3725 MT= 55 (n,n') Level Cross Section -33.44 To 9999. % 37-Rb-85



12 Incident Energy (eV) 37-Rb-85

MAT 3725 MT= 56 (n,n') Level Cross Section -38.33 To 9999. % 37-Rb-85

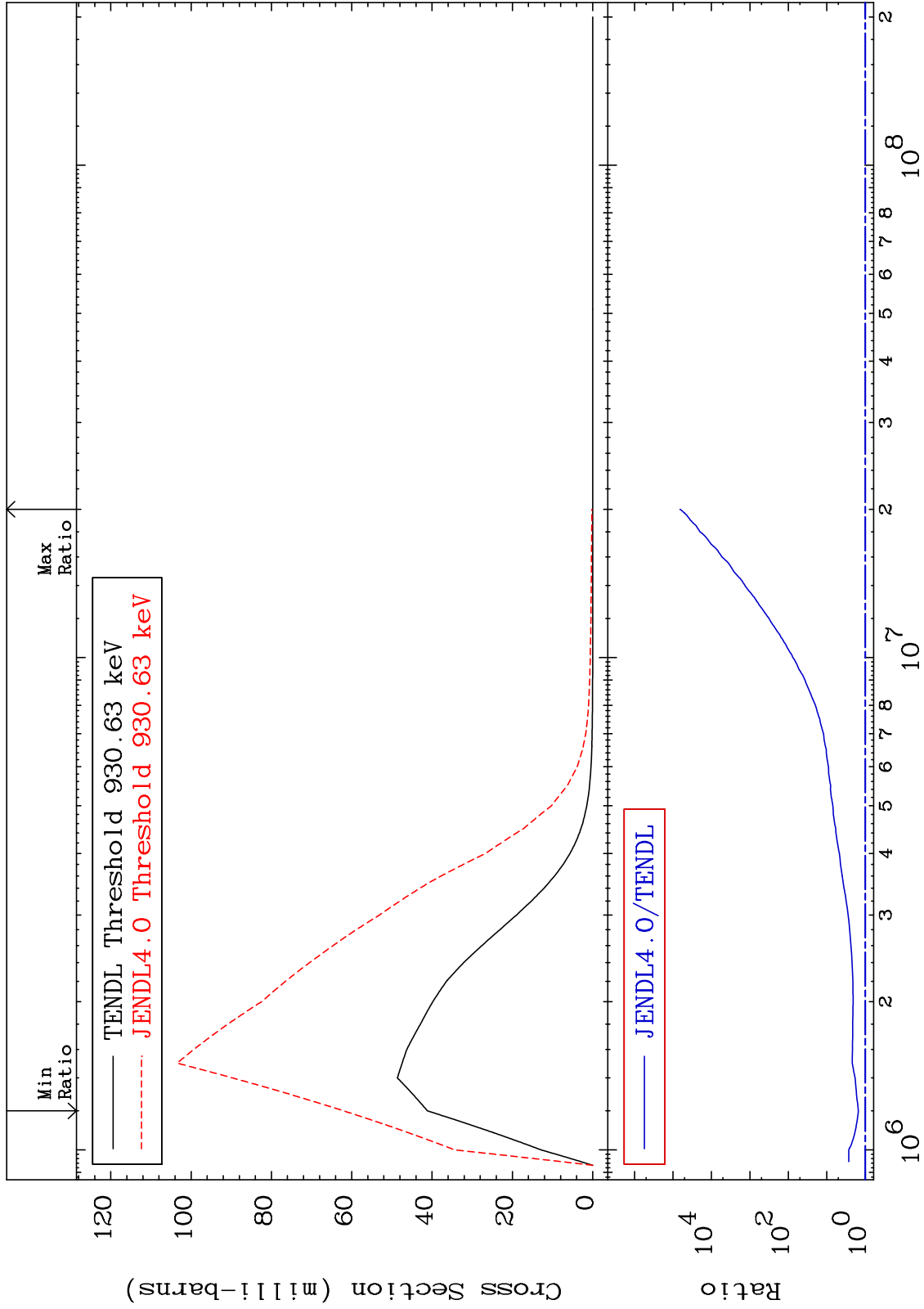


13 Incident Energy (eV) 37-Rb-85

MAT 3725

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

50.64 To 9999. %
37-Rb-85

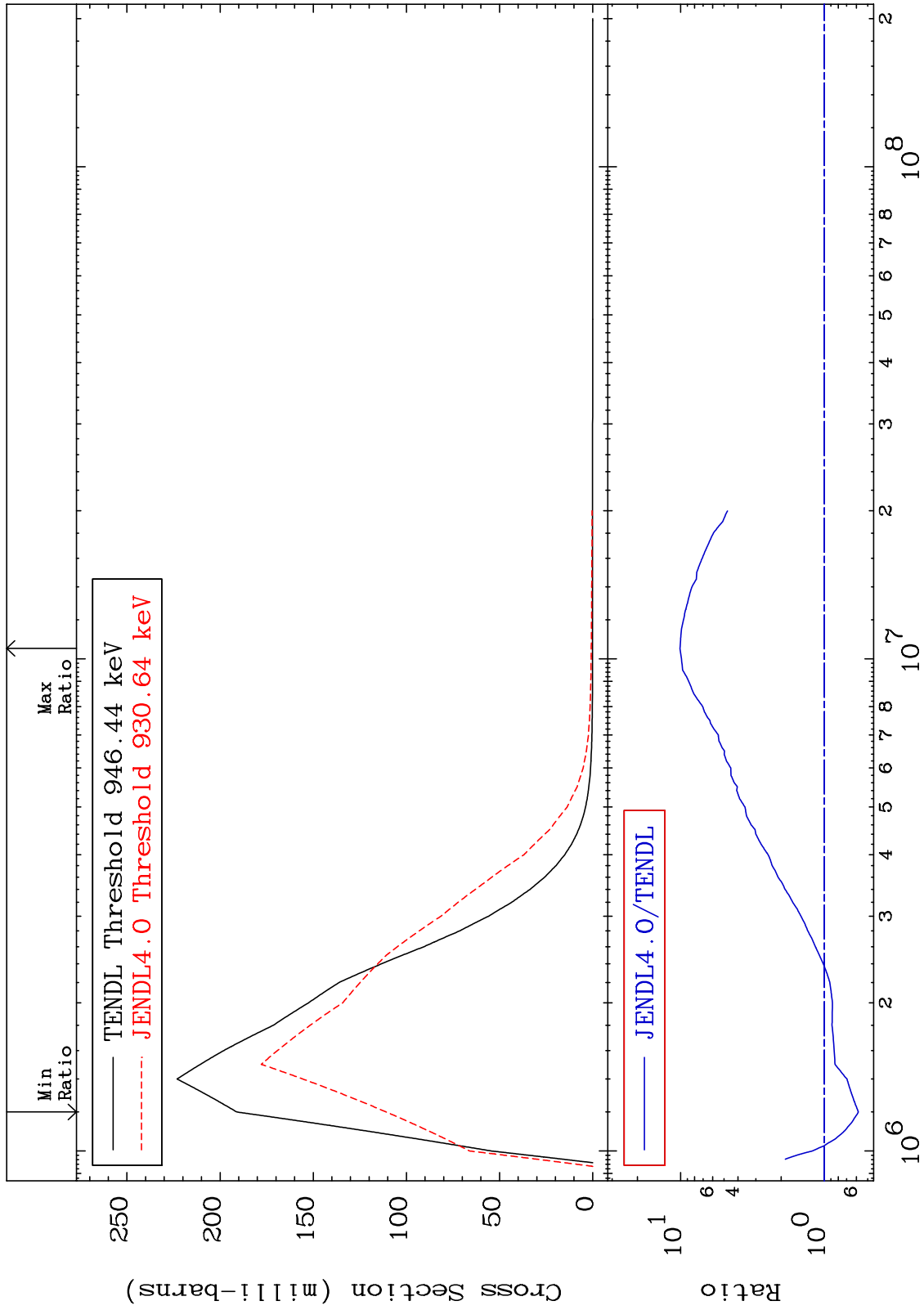


14

Incident Energy (eV)

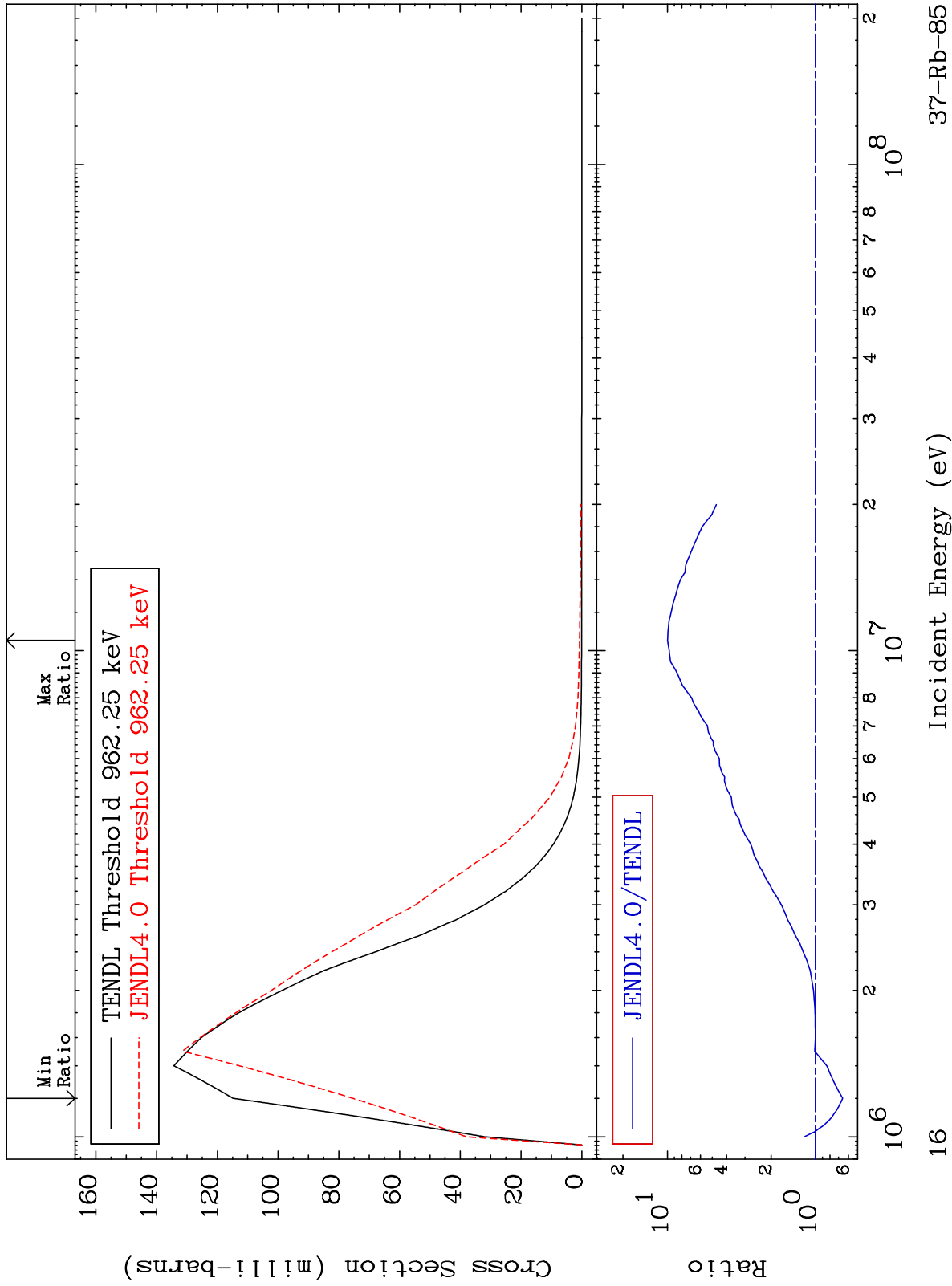
37-Rb-85

MAT 3725 MT= 58 (n,n') Level Cross Section -42.00 To 911.0 % 37-Rb-85



15 Incident Energy (eV) 37-Rb-85

MAT 3725 MT= 59 (n,n') Level Cross Section -34.34 To 900.6 % 37-Rb-85

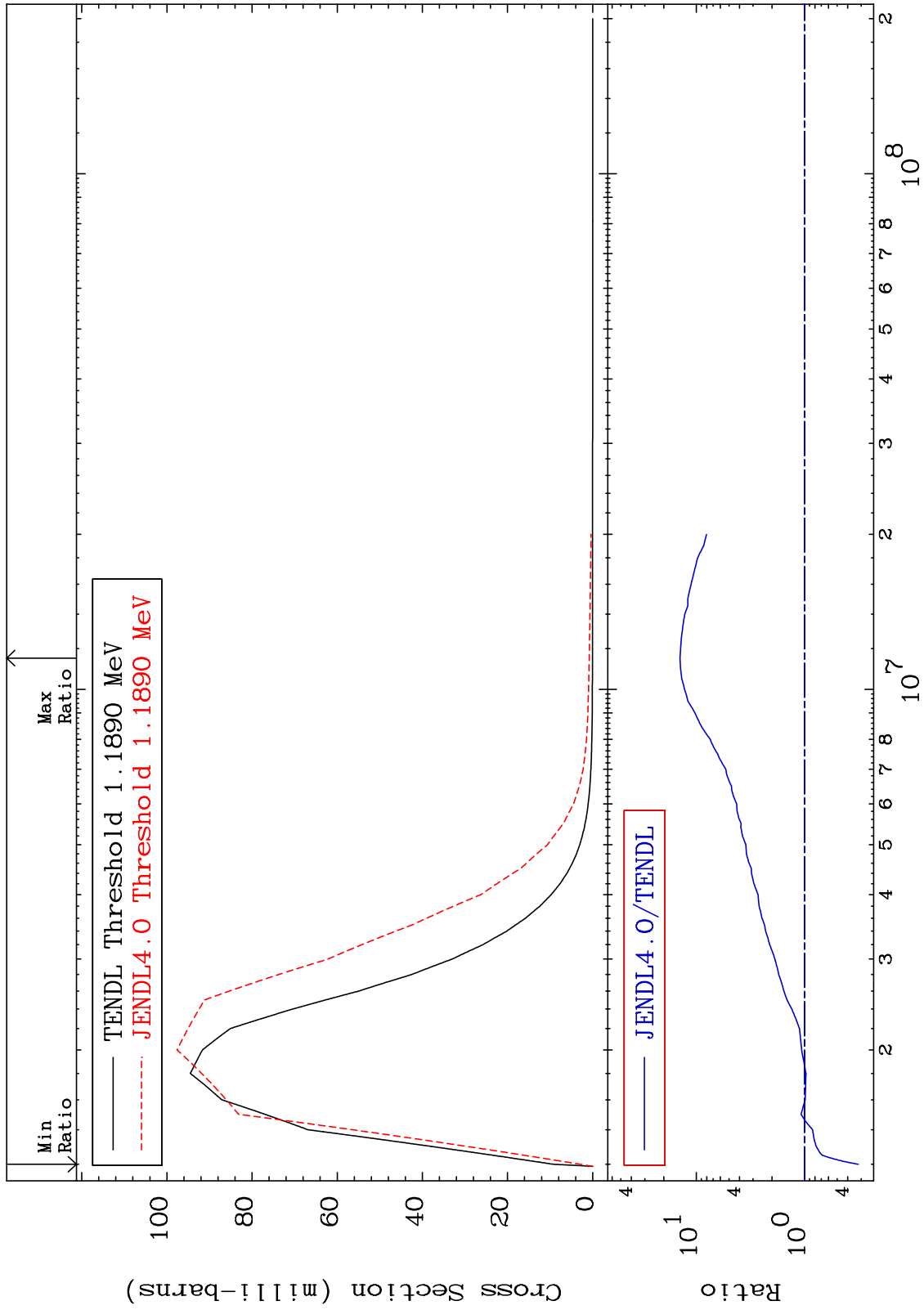


37-Rb-85

MAT 3725

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

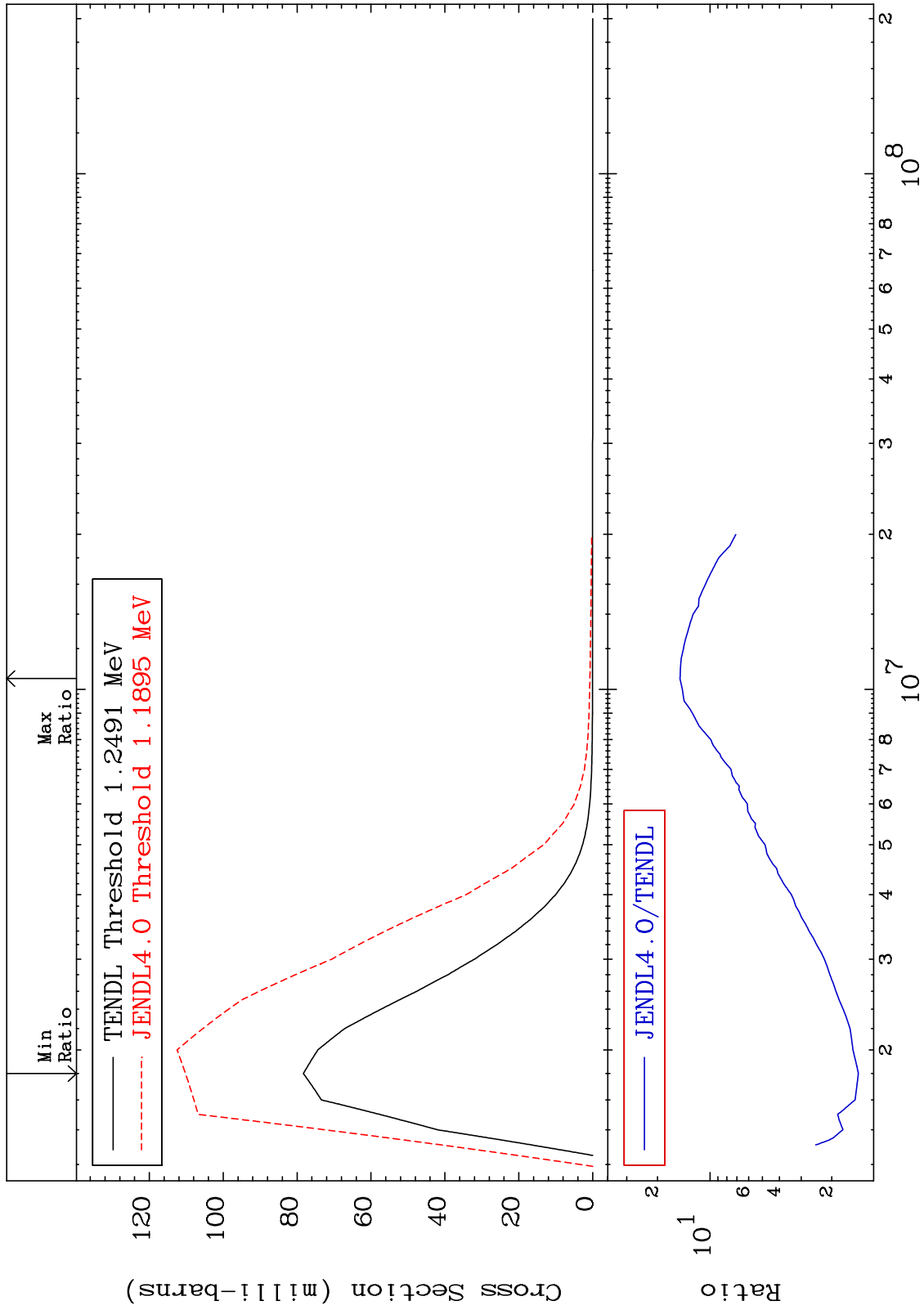
37-Rb-85
-68.20 To 1316. %



MAT 3725

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

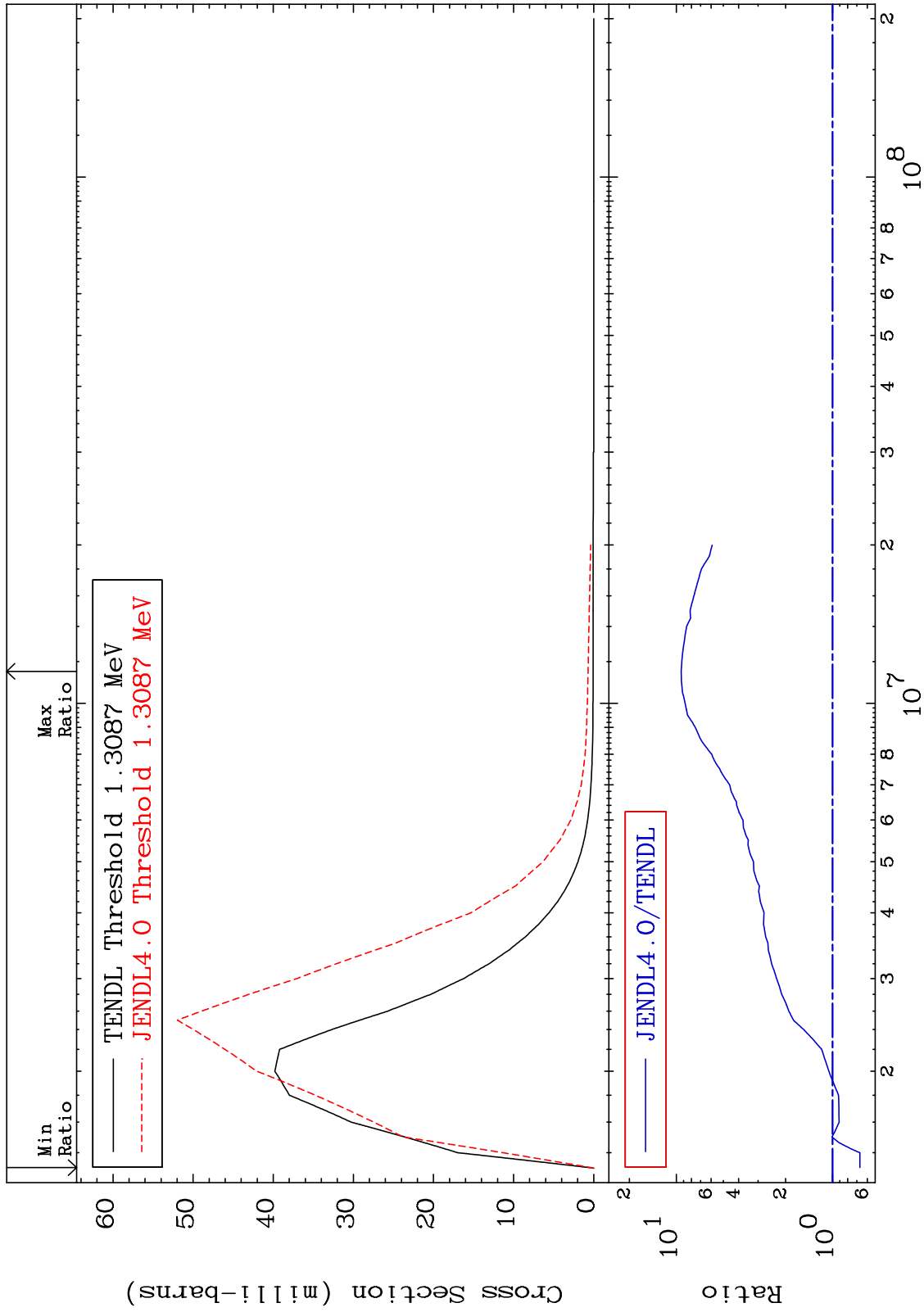
37-Rb-85
40.74 To 1386. %



MAT 3725

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

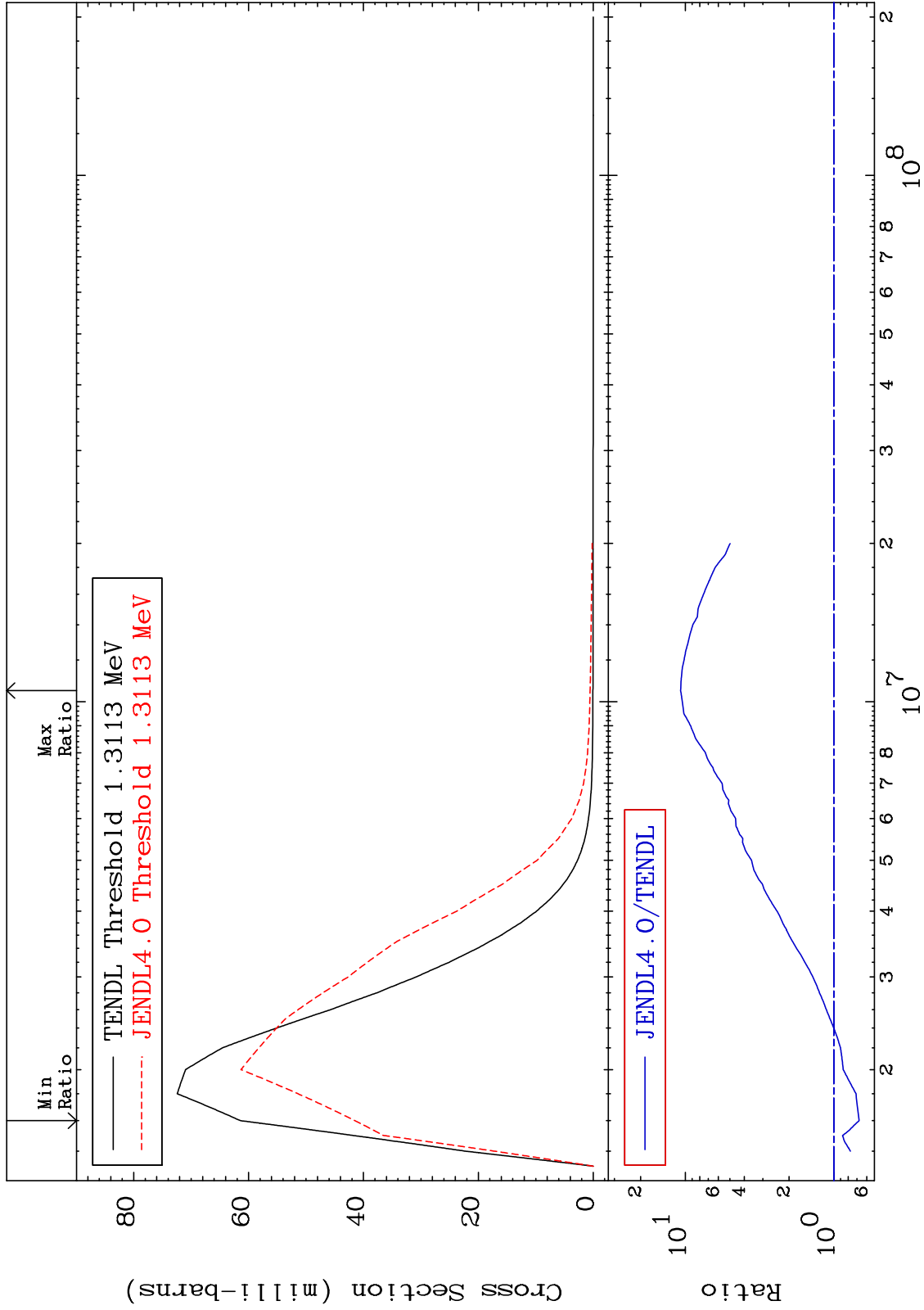
37-Rb-85
-33.20 To 830.8 %



MAT 3725

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

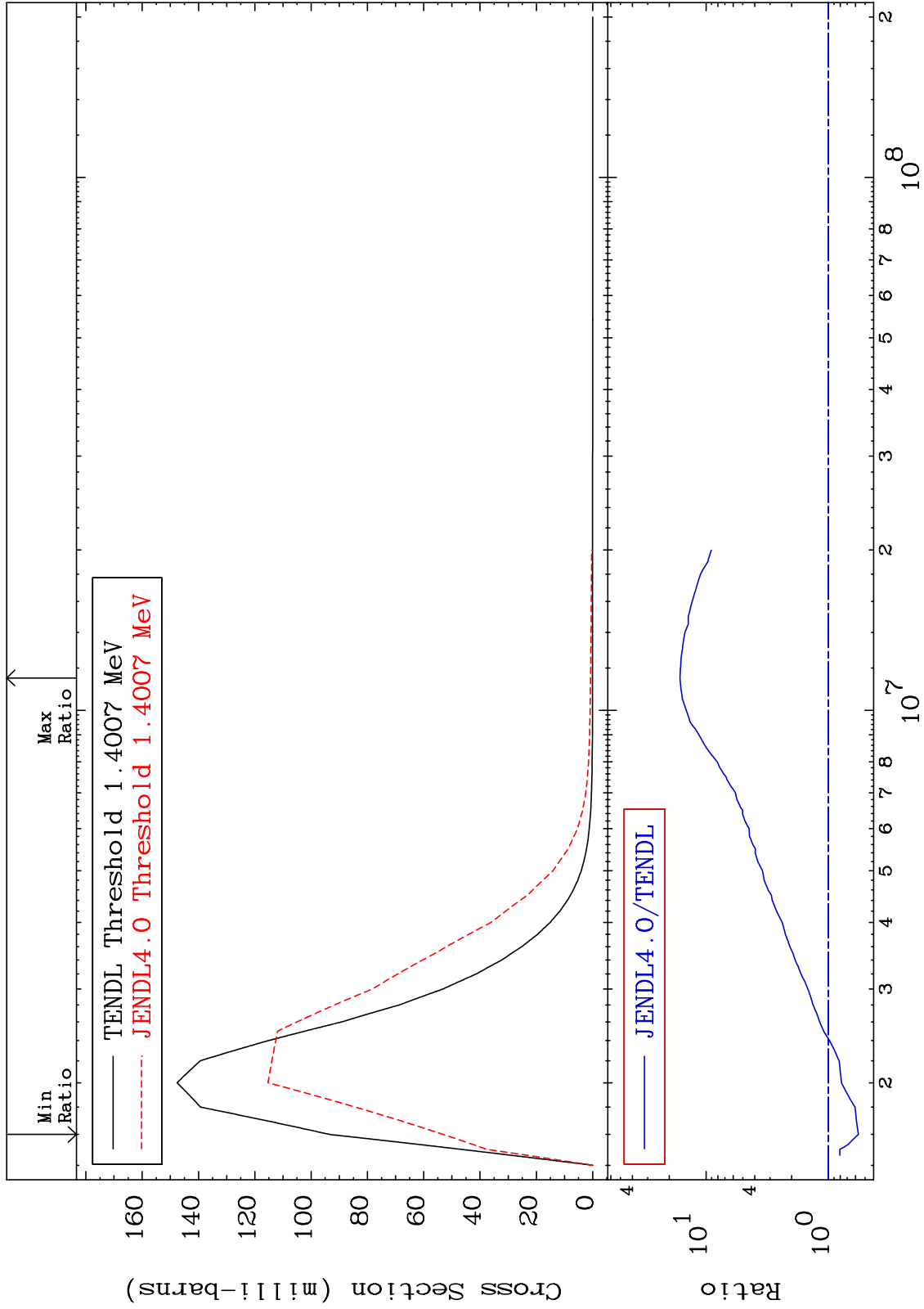
37-Rb-85
-32.46 To 974.5 %



MAT 3725

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

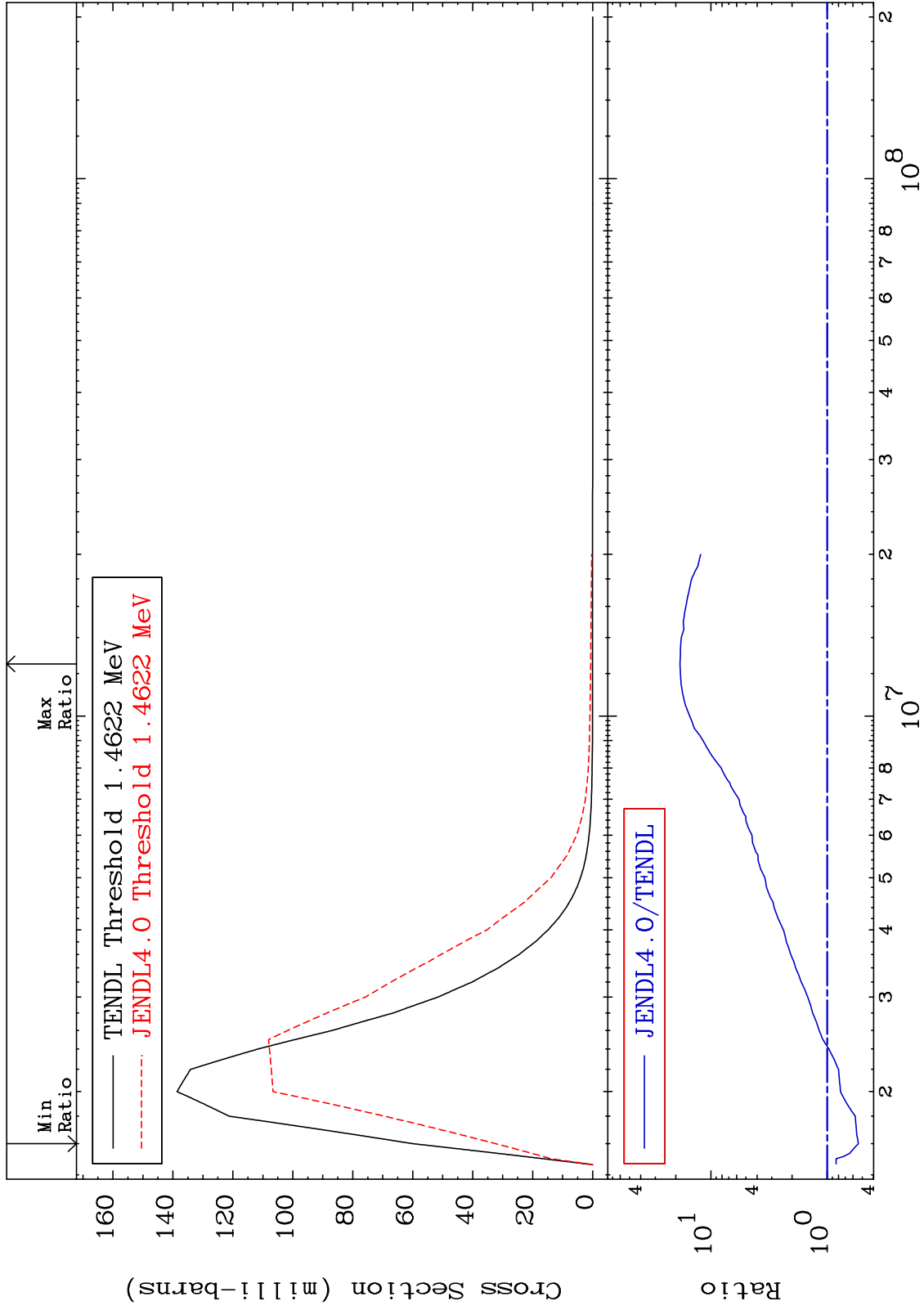
37-Rb-85
-43.19 To 1531. %



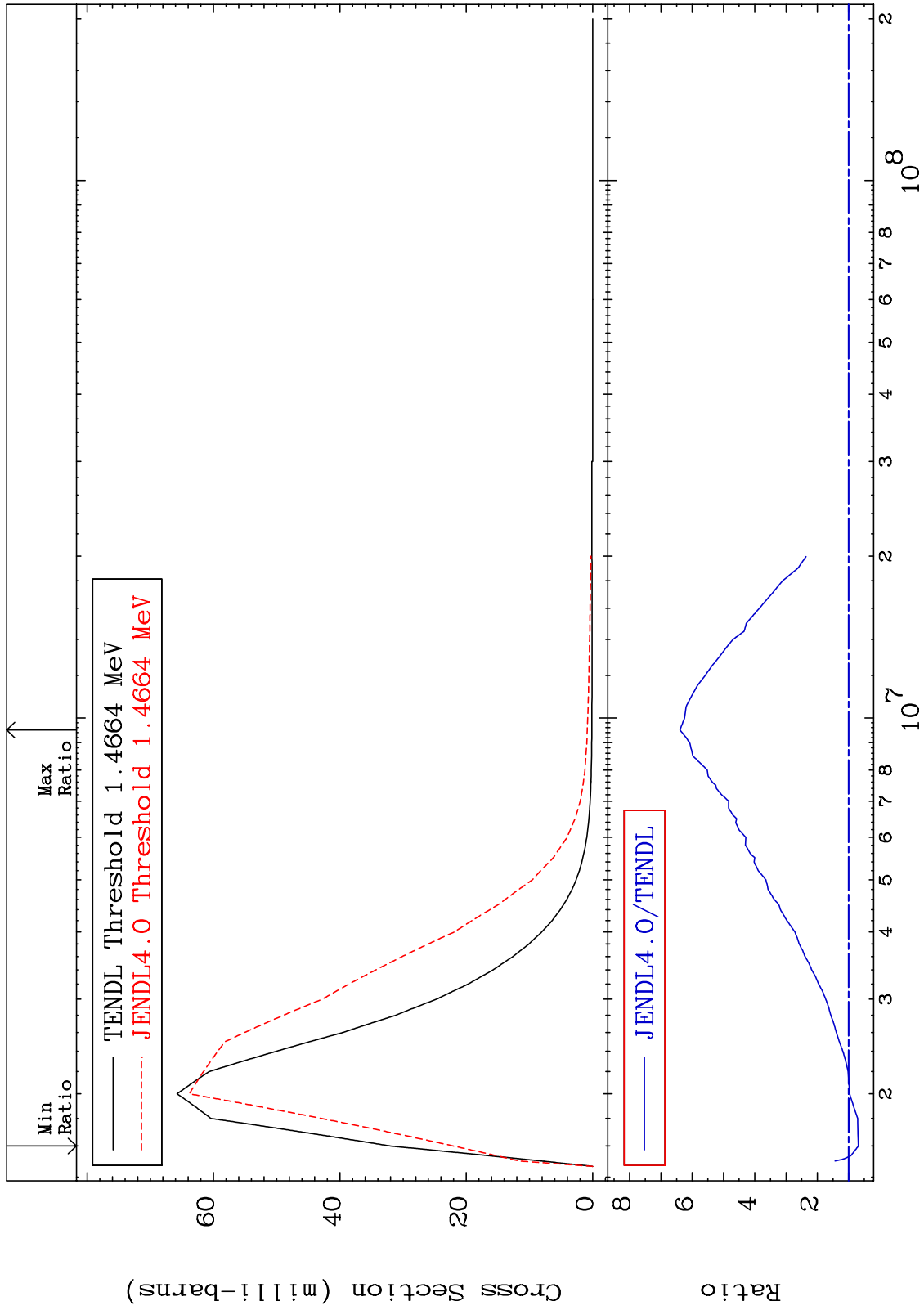
MAT 3725

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

37-Rb-85
-46.10 To 1740. %



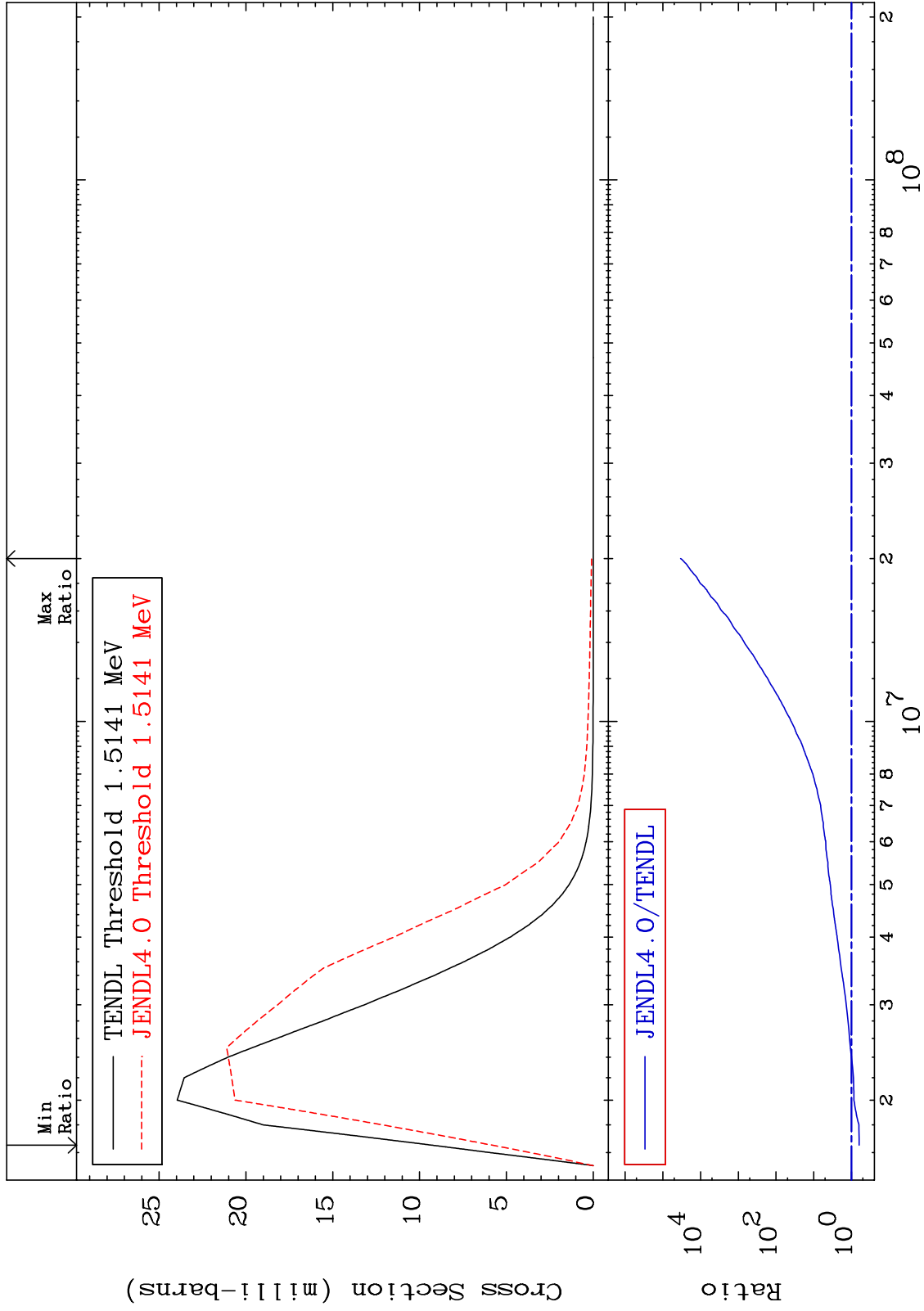
MAT 3725 MT= 66 (n,n') Level Cross Section -31.28 To 539.0 % 37-Rb-85



MAT 3725

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

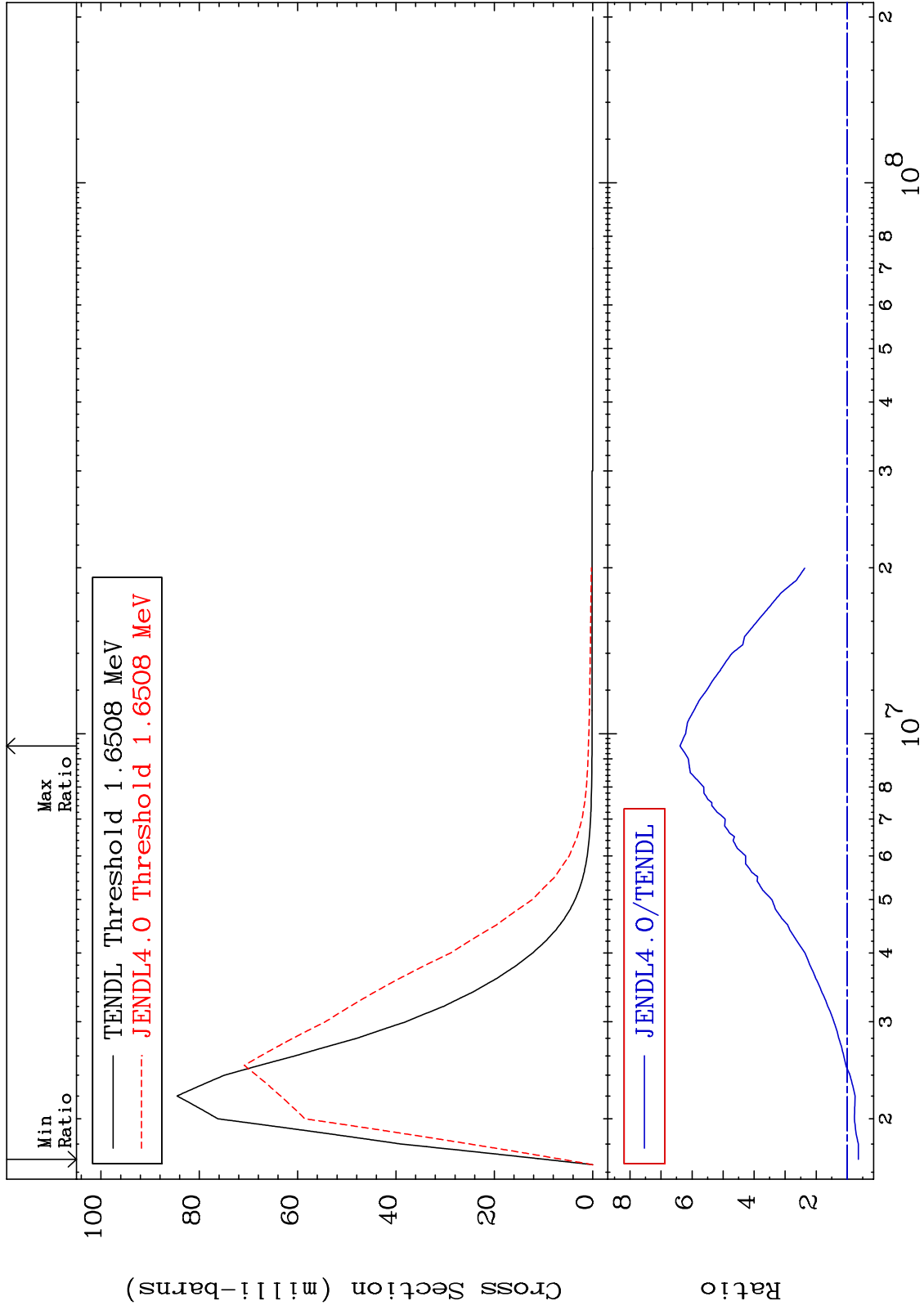
37-Rb-85
-37.31 To 9999. %



MAT 3725

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

37-Rb-85
-35.91 To 538.8 %



25

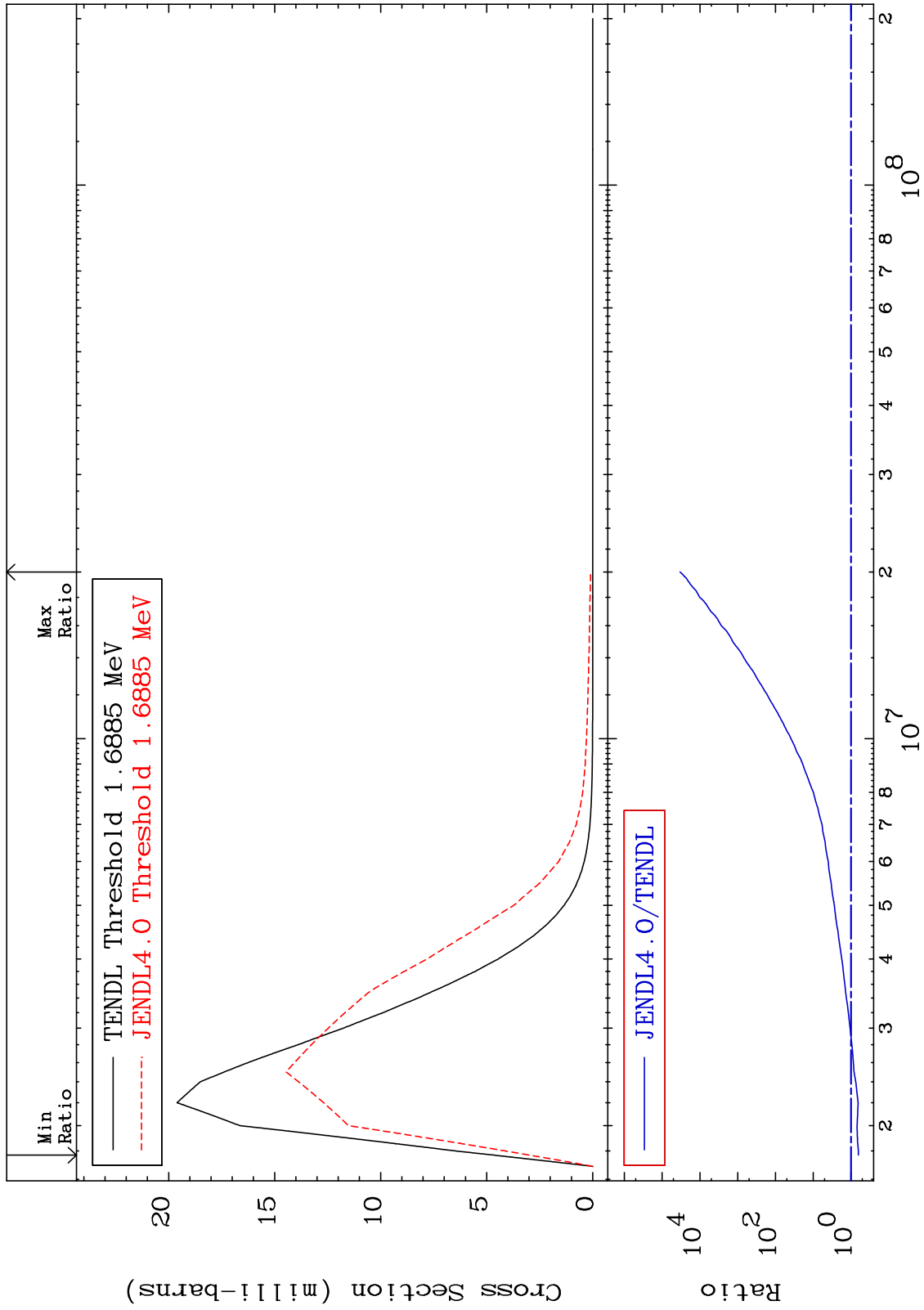
37-Rb-85

37-Rb-85

MAT 3725

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

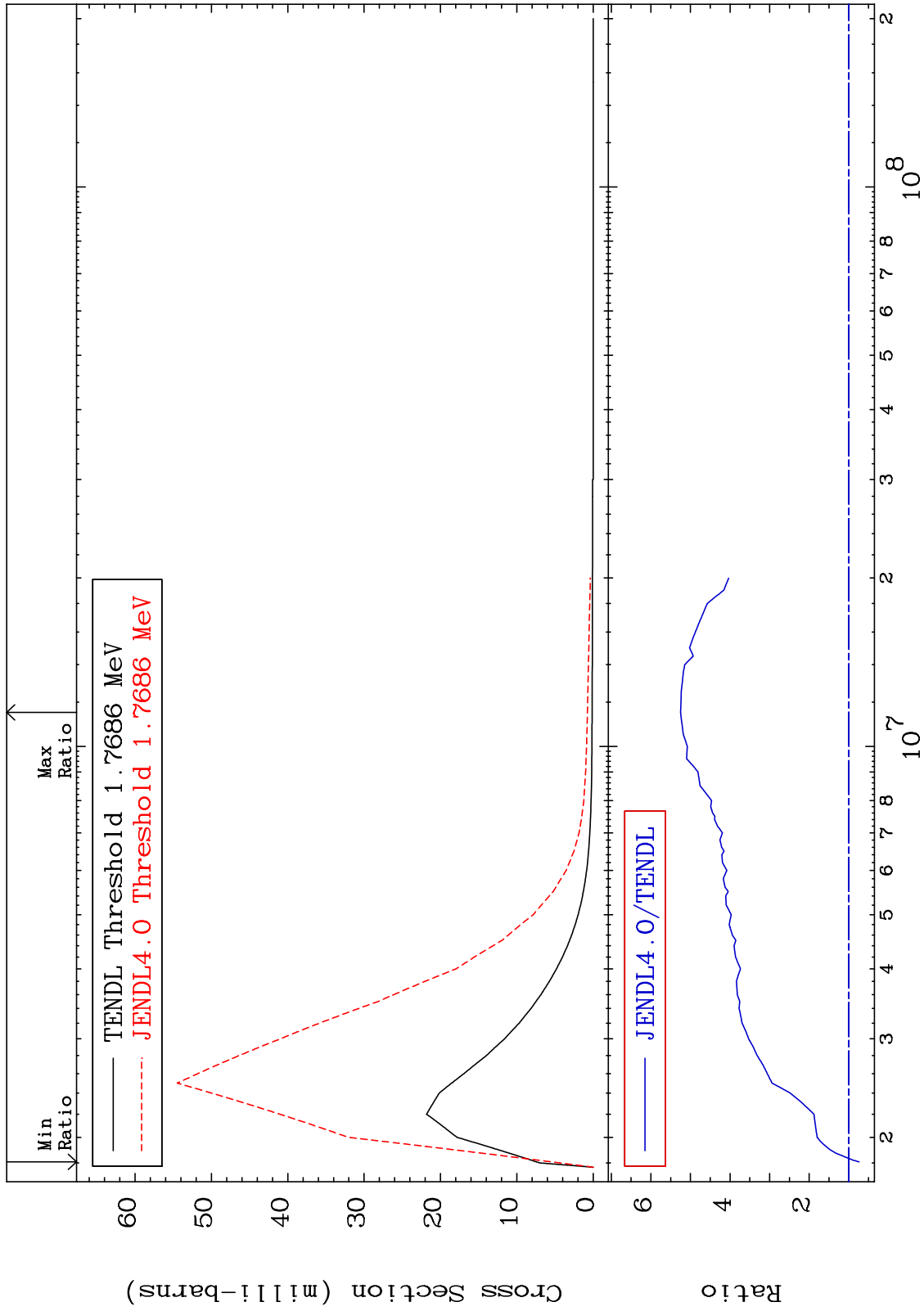
37-Rb-85
-36.28 To 9999. %



MAT 3725

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

37-Rb-85
-26.22 To 424.8 %



27

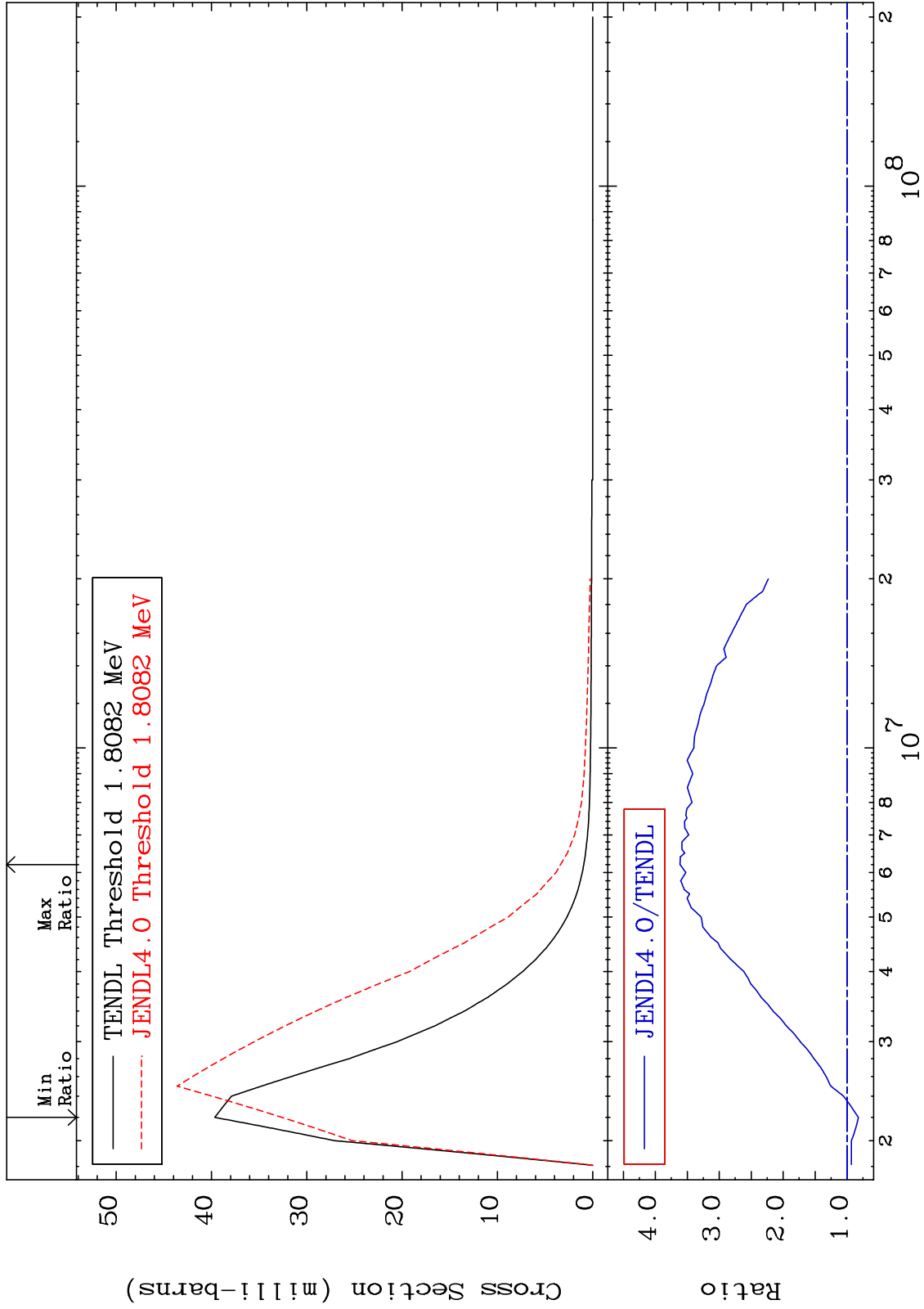
Incident Energy (eV)

37-Rb-85

MAT 3725

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

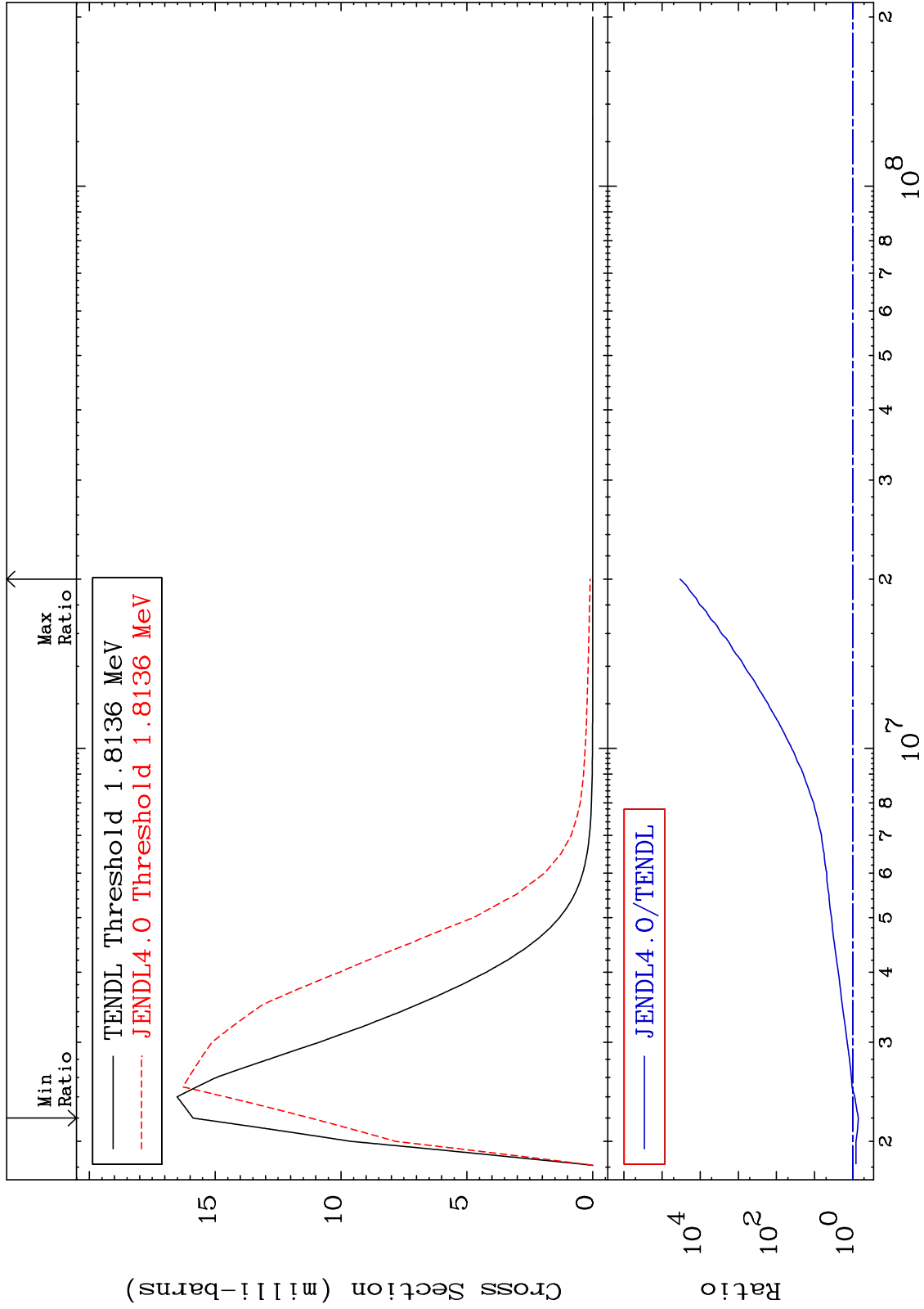
37-Rb-85
-17.78 To 261.3 %



MAT 3725

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

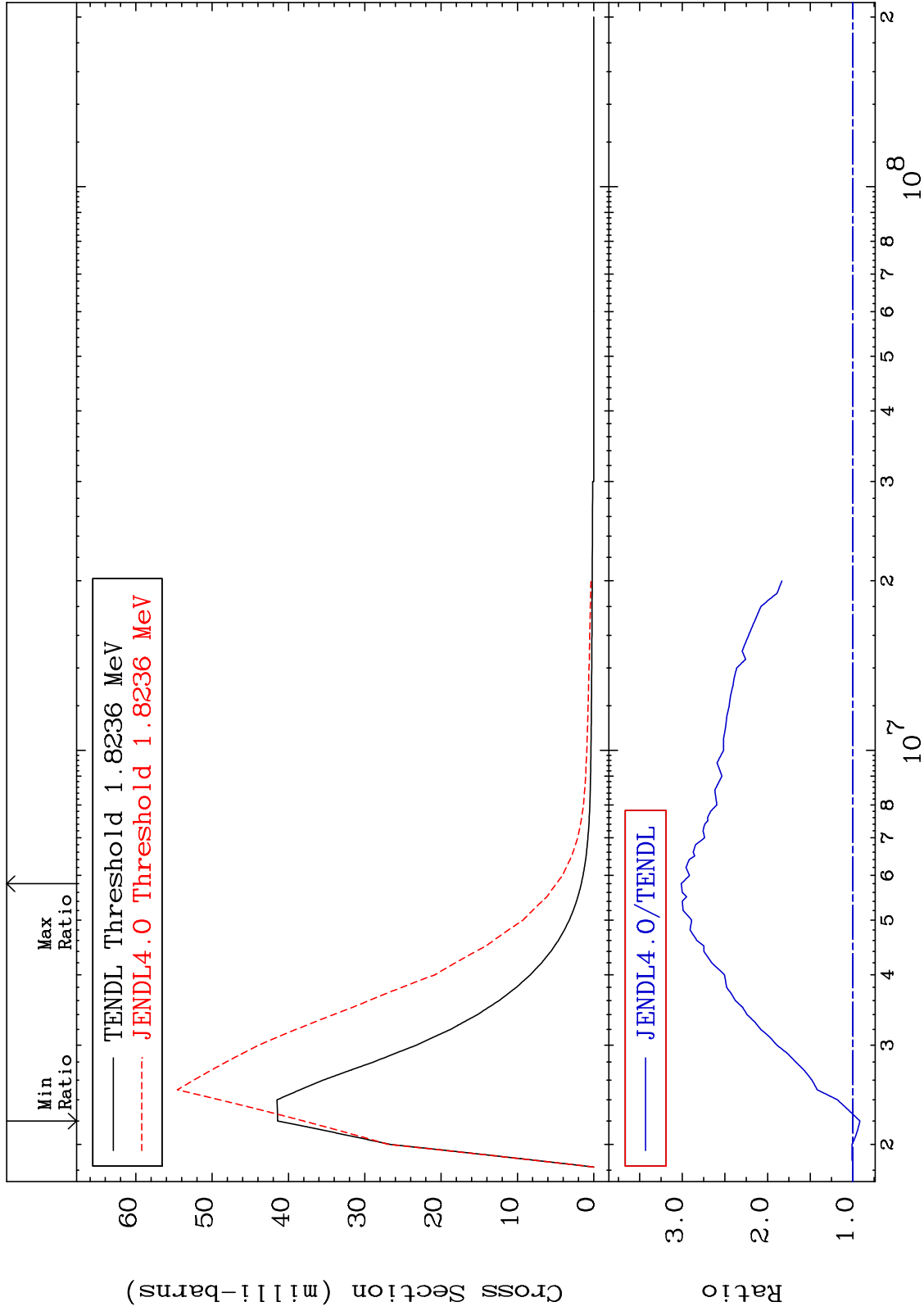
37-Rb-85
-29.40 To 9999. %



MAT 3725

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

37-Rb-85
-8.313 To 201.3 %



30

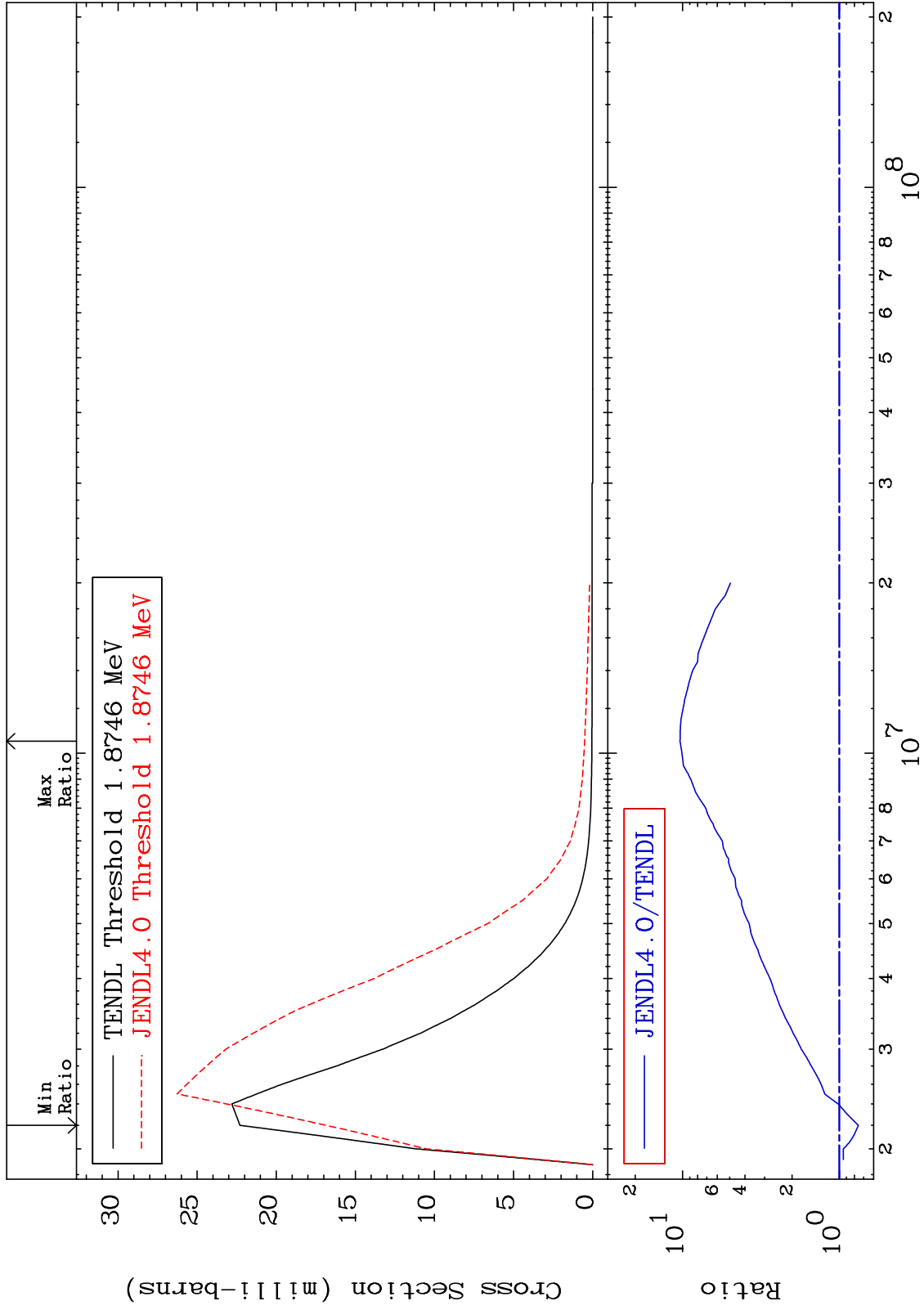
Incident Energy (eV)

37-Rb-85

MAT 3725

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

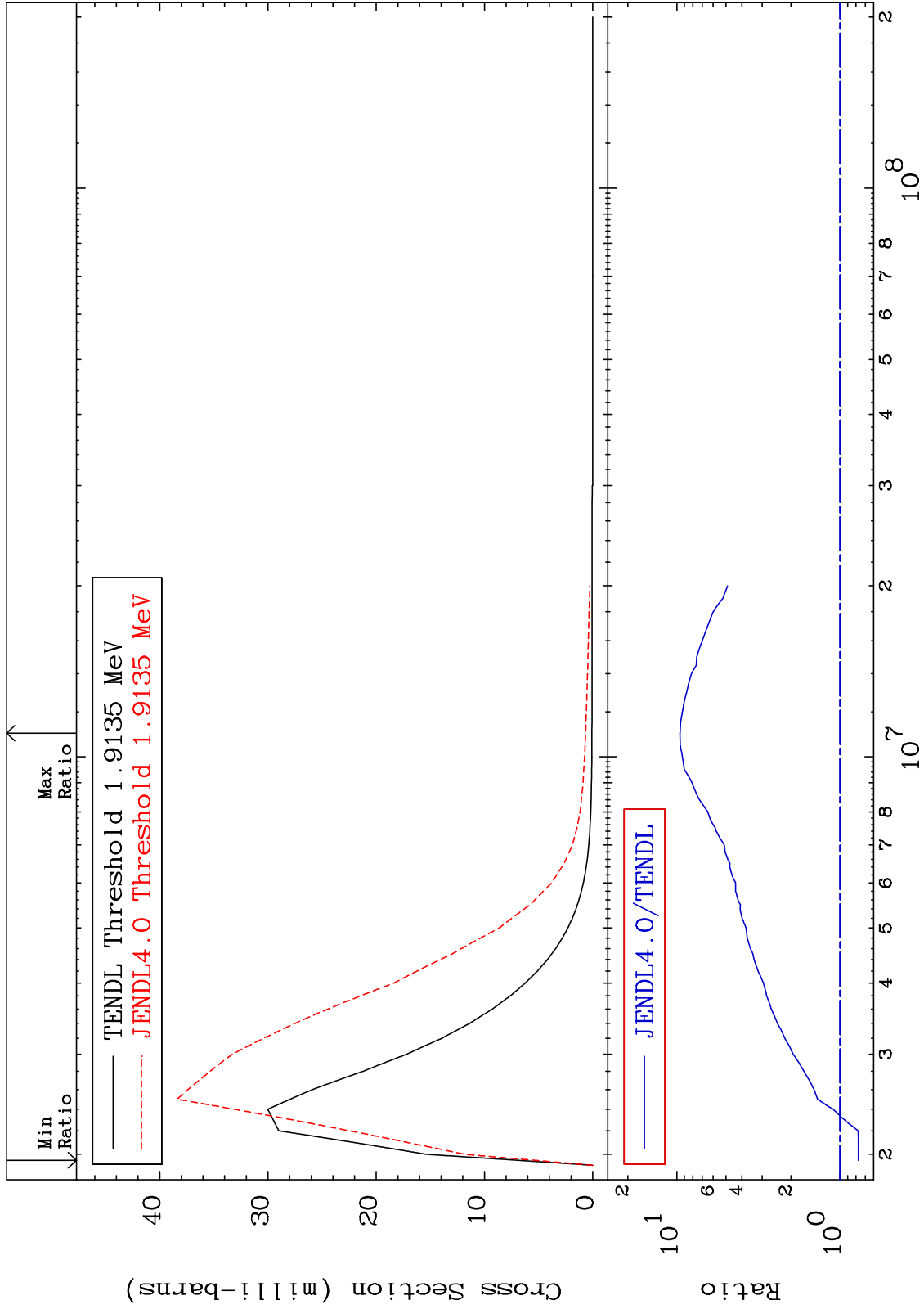
37-Rb-85
-24.49 To 937.3 %



MAT 3725

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

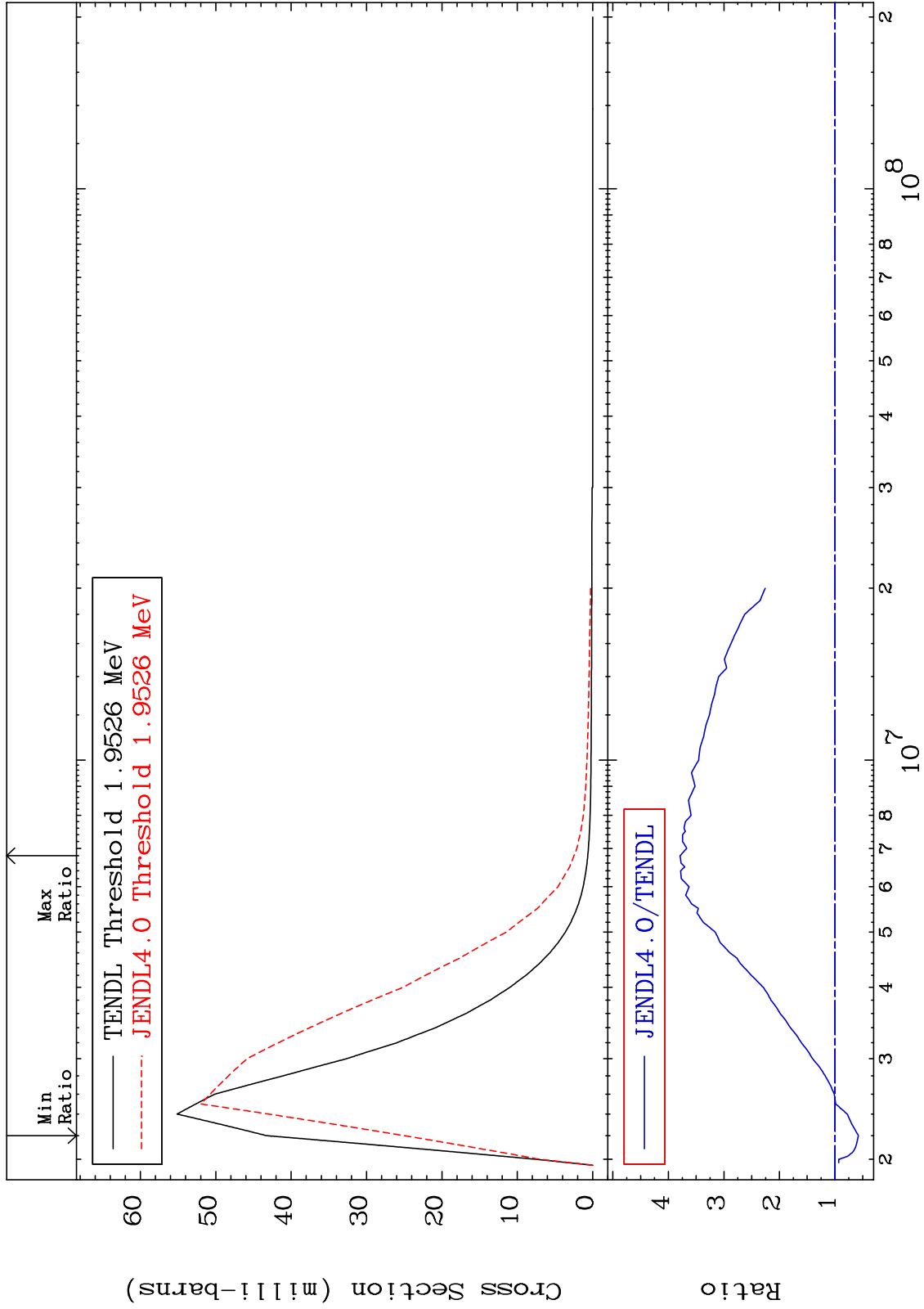
37-Rb-85
-22.74 To 856.9 %



MAT 3725

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

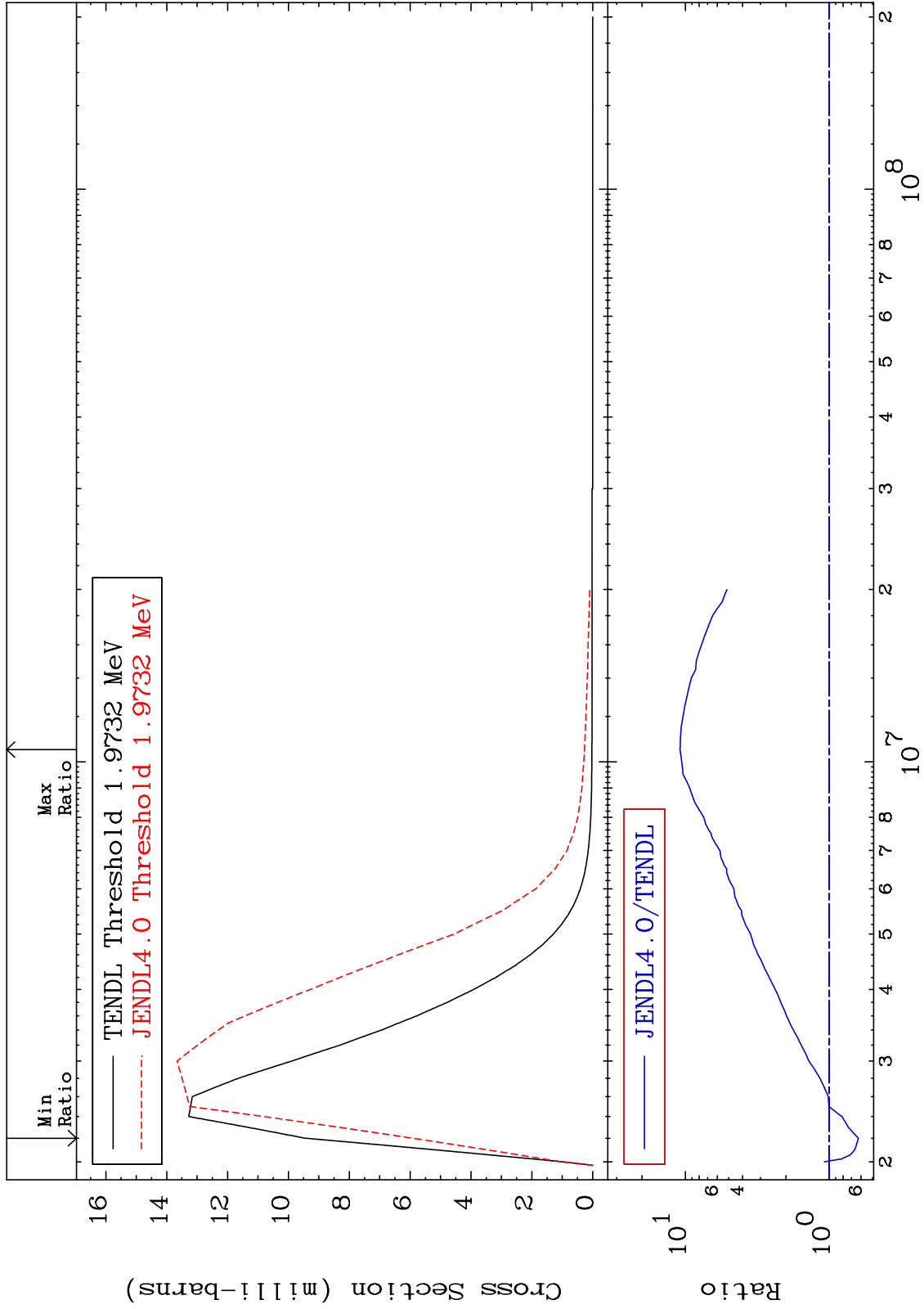
37-Rb-85
-42.19 To 279.0 %



MAT 3725

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

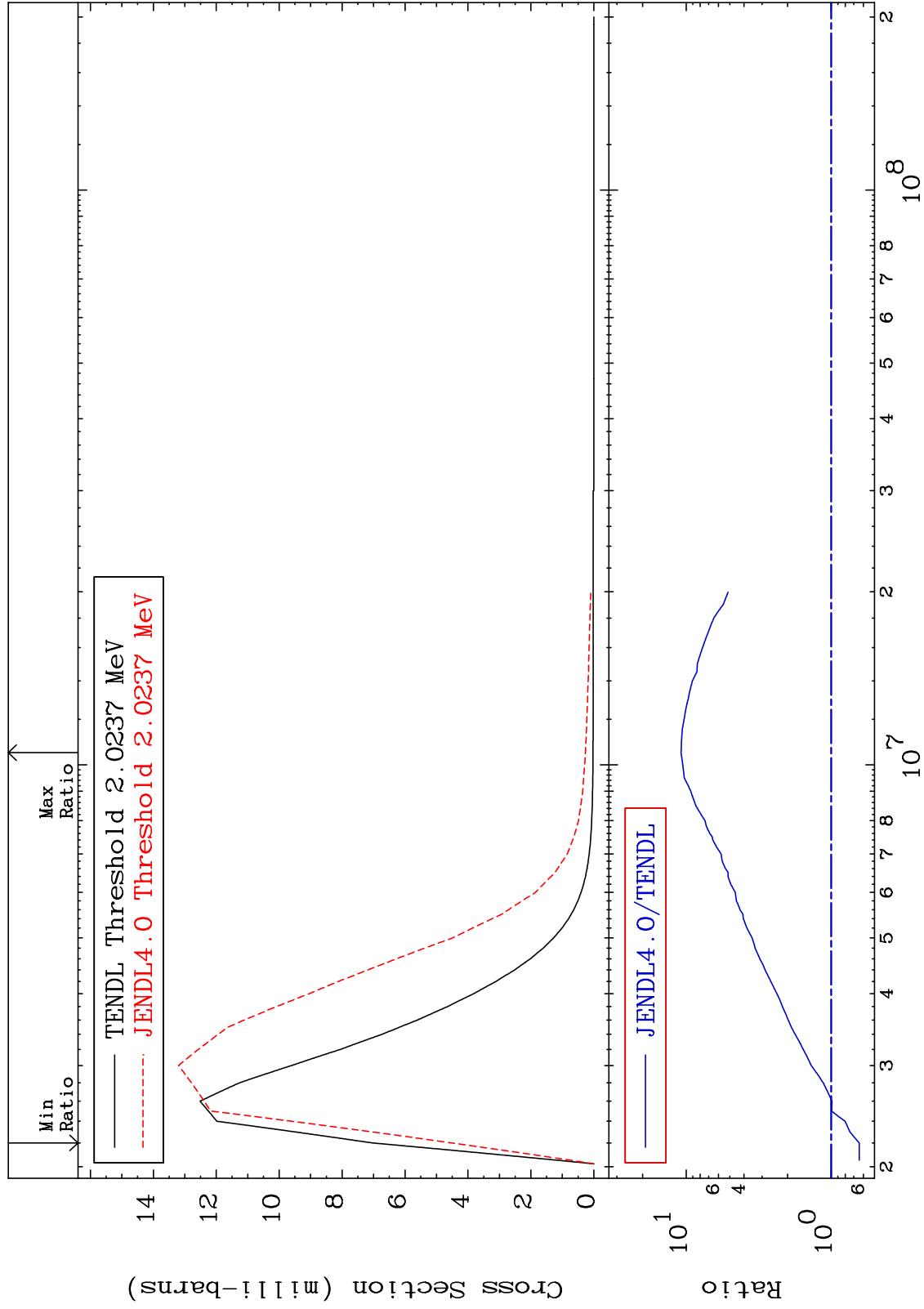
37-Rb-85
-37.39 To 988.1 %



MAT 3725

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

37-Rb-85
-35.94 To 985.2 %



35

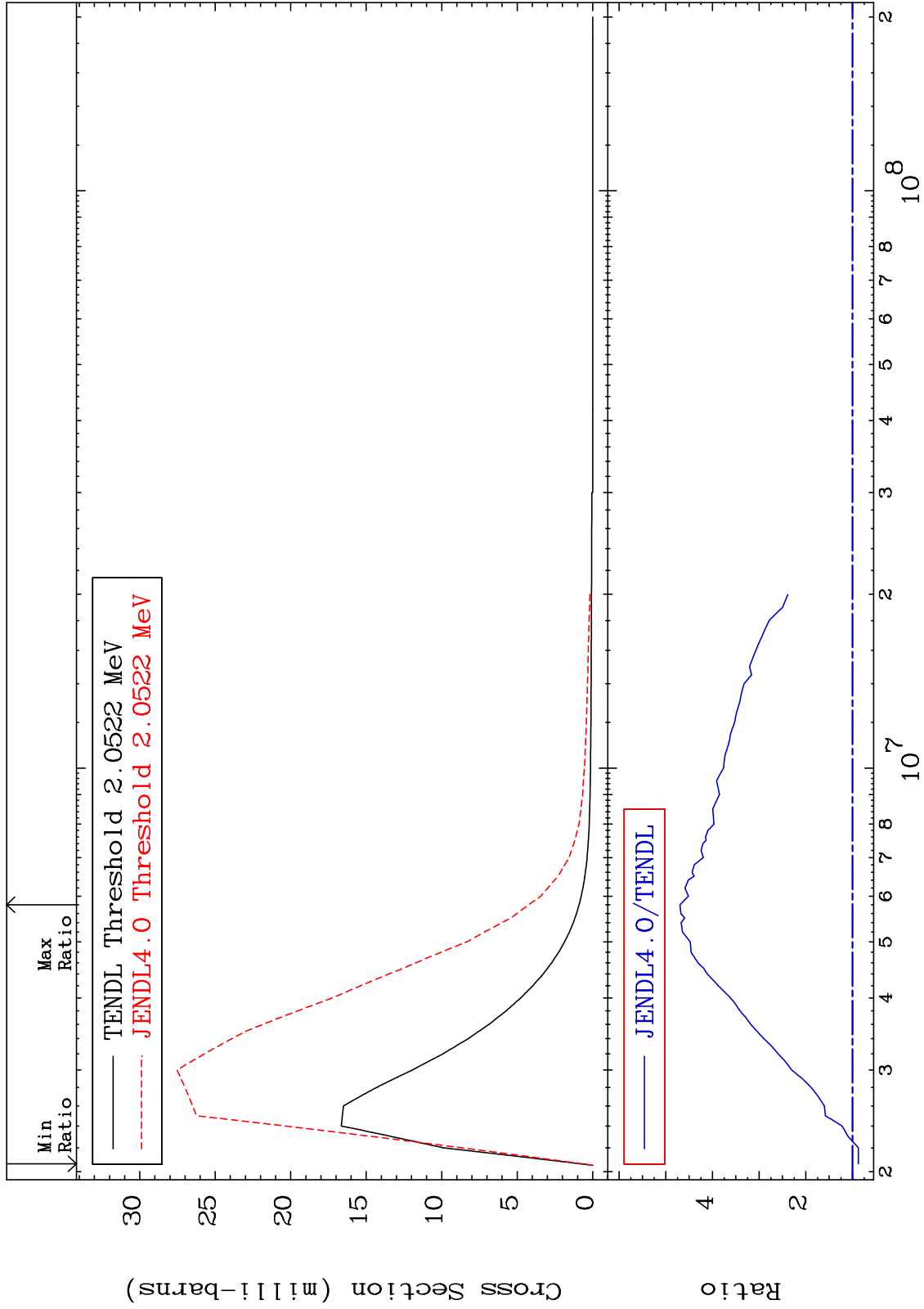
Incident Energy (eV)

37-Rb-85

MAT 3725

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

37-Rb-85
-12.54 To 369.7 %



36

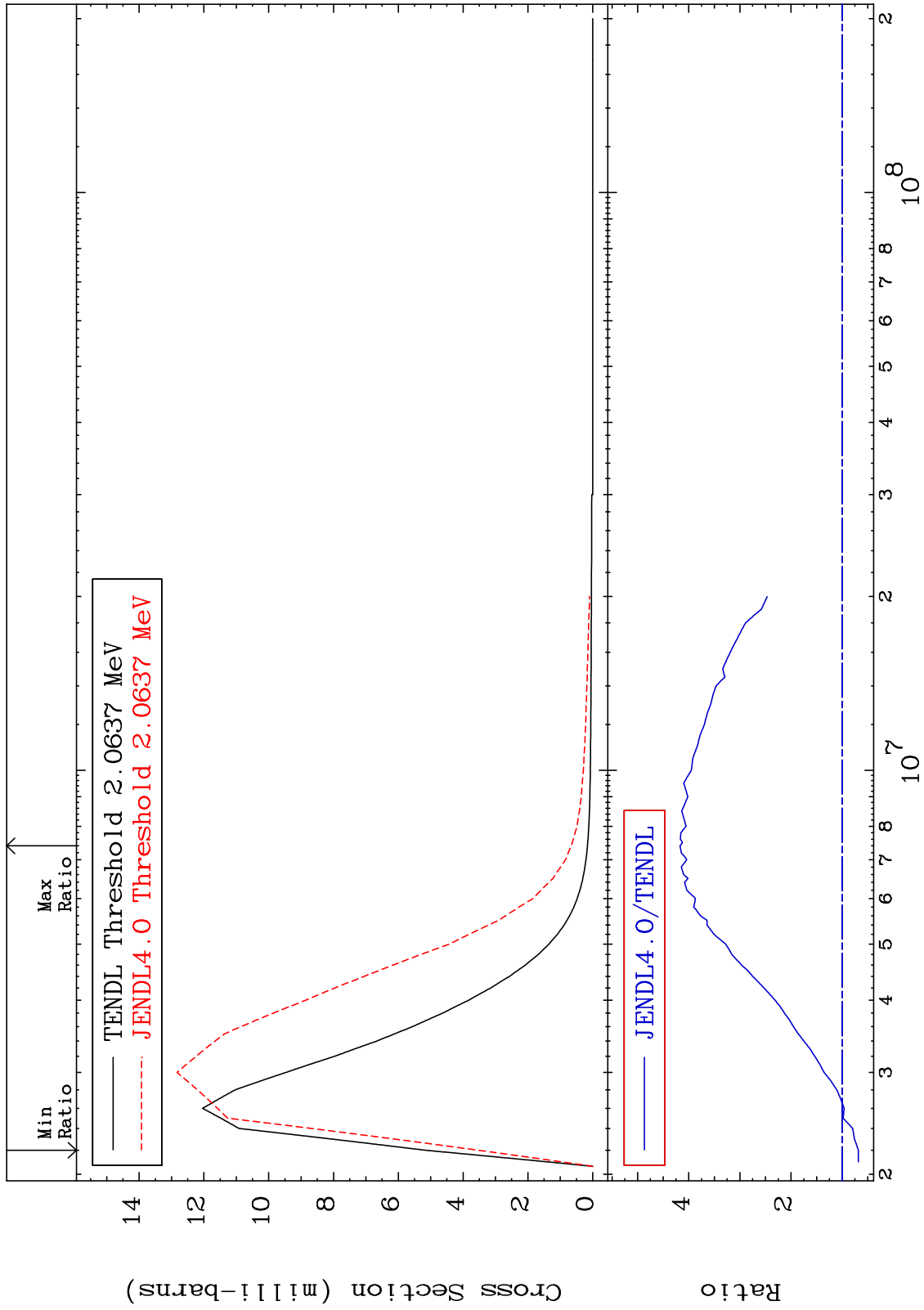
Incident Energy (eV)

37-Rb-85

MAT 3725

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

37-Rb-85
-31.73 To 317.0 %



37

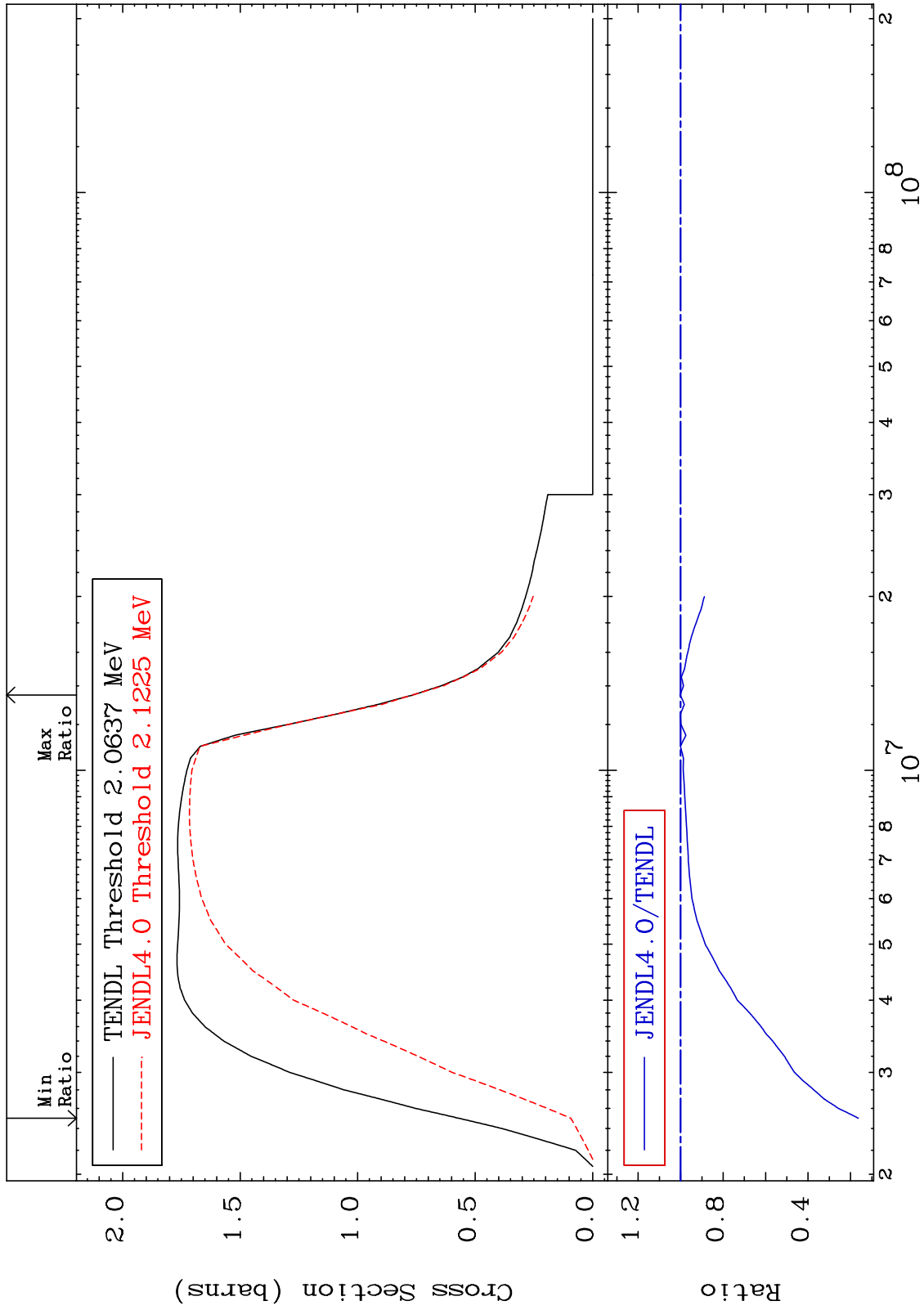
Incident Energy (eV)

37-Rb-85

MAT 3725

(n, n') Continuum
Cross Section

37-Rb-85
-83.69 To 0.290 %



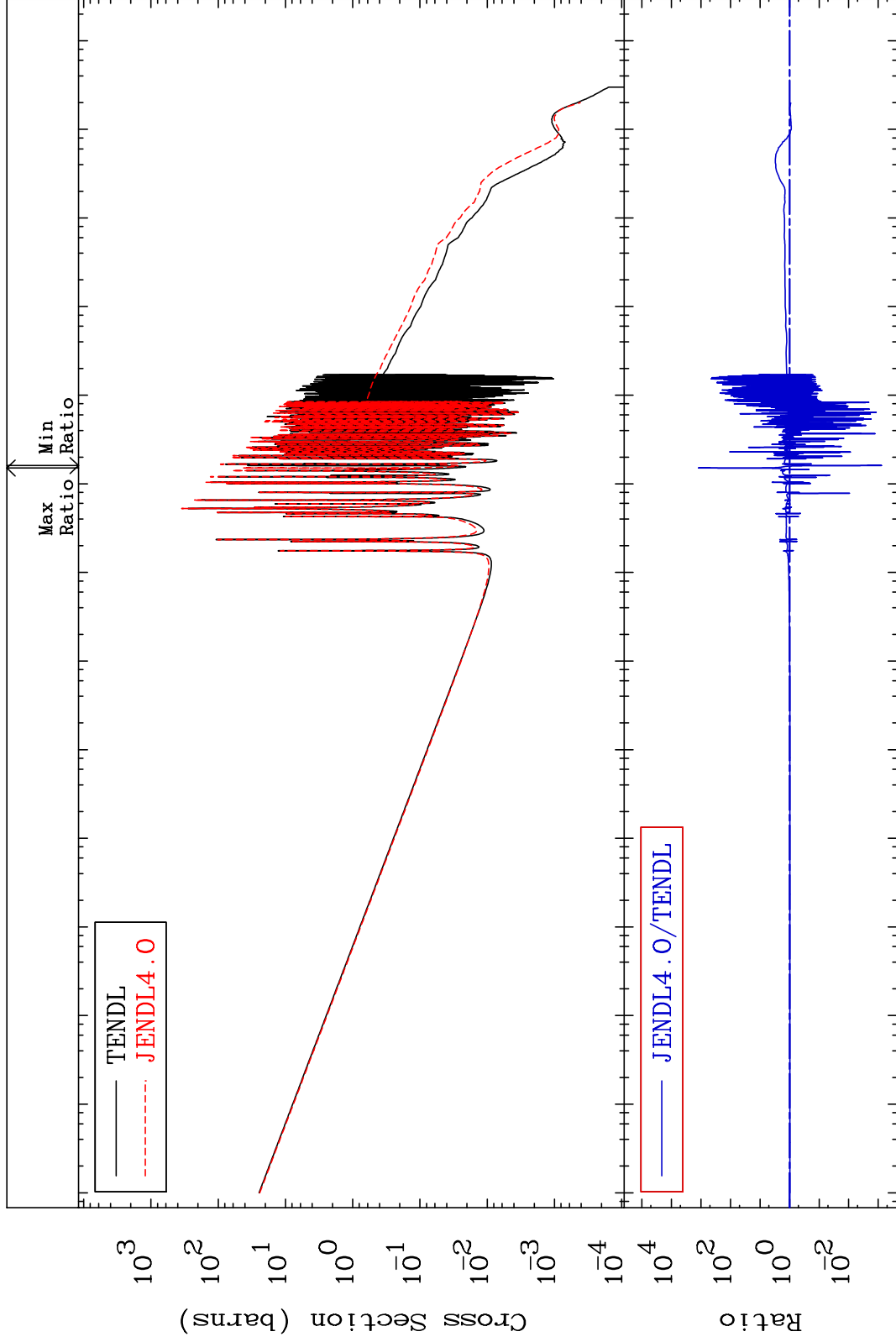
MAT 3725

(n, γ)

37-Rb-85

Cross Section

-99.92 To 9999. %



39

Incident Energy (eV)

37-Rb-85

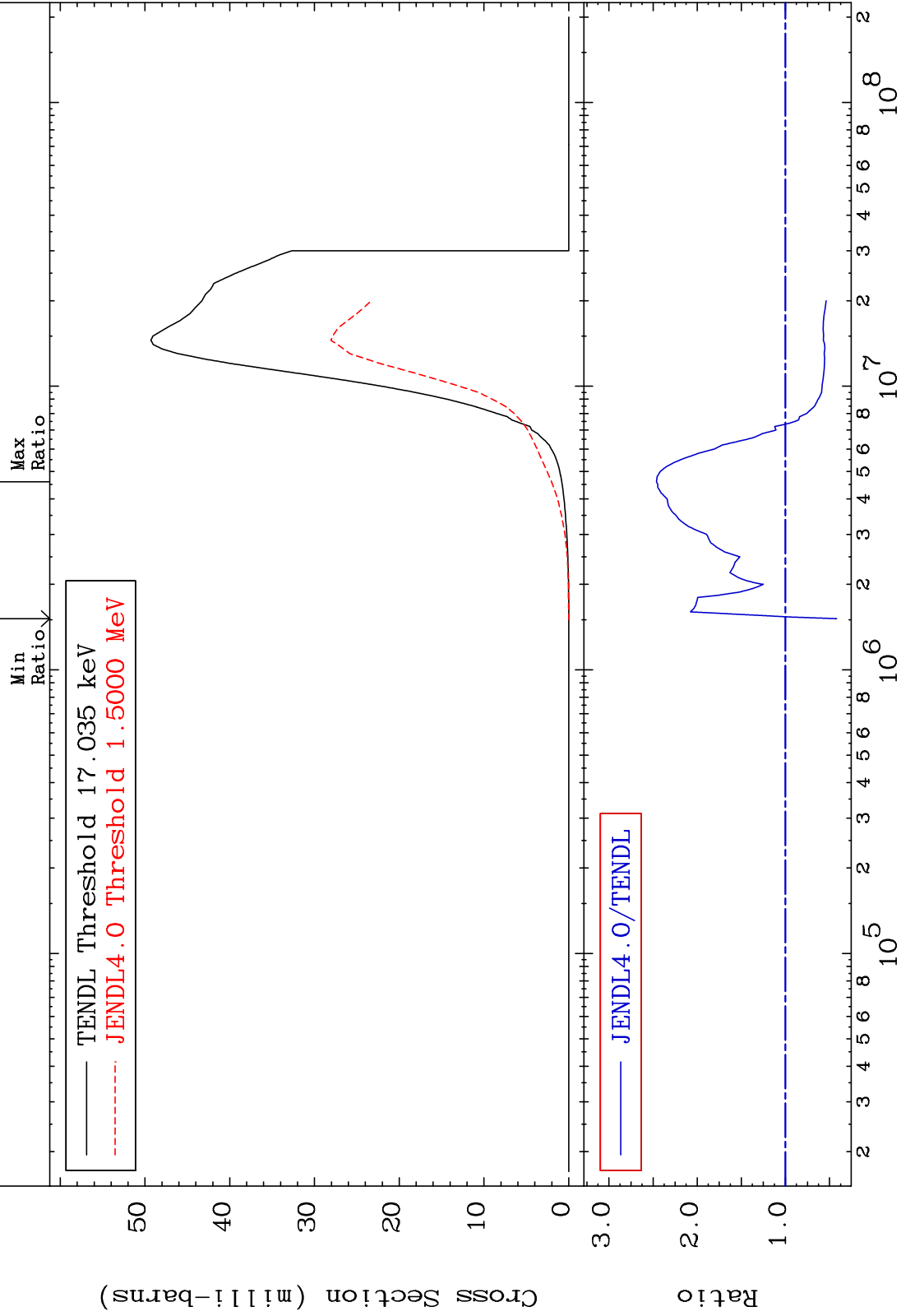
MAT 3725

(n, p)

³⁷Rb-85

-57.19 To 146.1 %

Cross Section



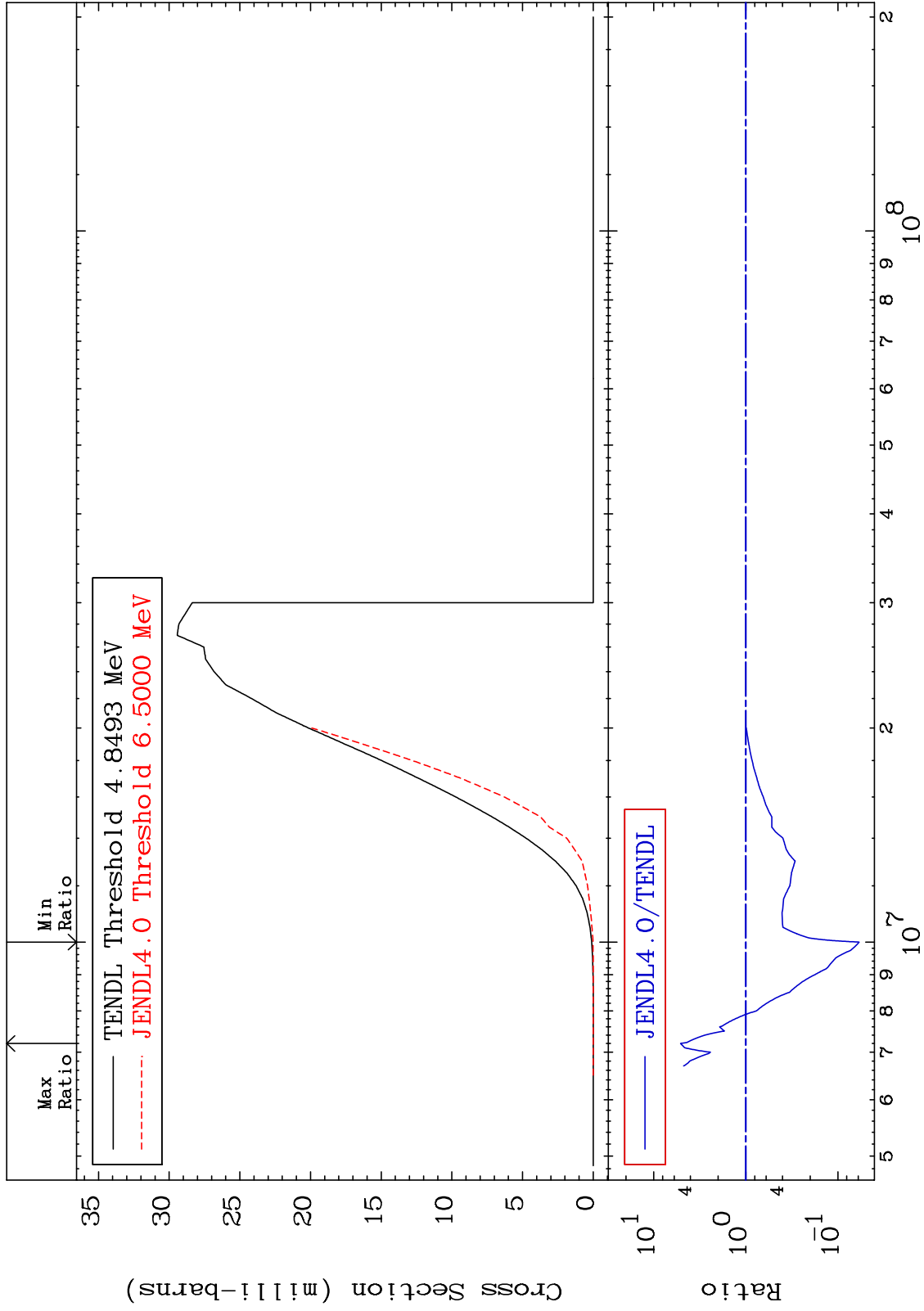
MAT 3725

(n, d)

37-Rb-85

Cross Section

-94.13 To 410.5 %



41

Incident Energy (eV)

37-Rb-85

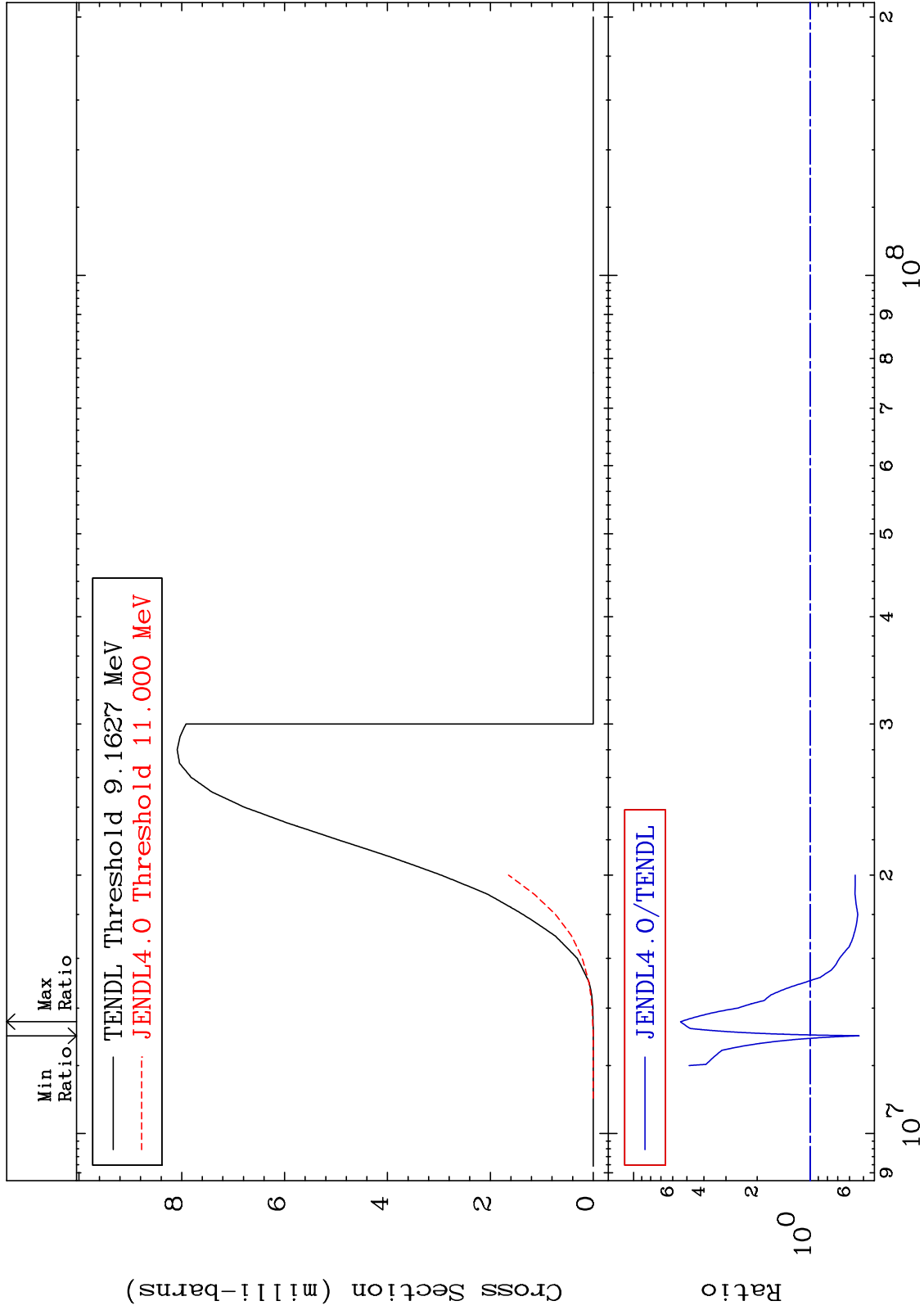
MAT 3725

(n, t)

37-Rb-85

Cross Section

-47.09 To 441.8 %



42

Incident Energy (eV)

37-Rb-85

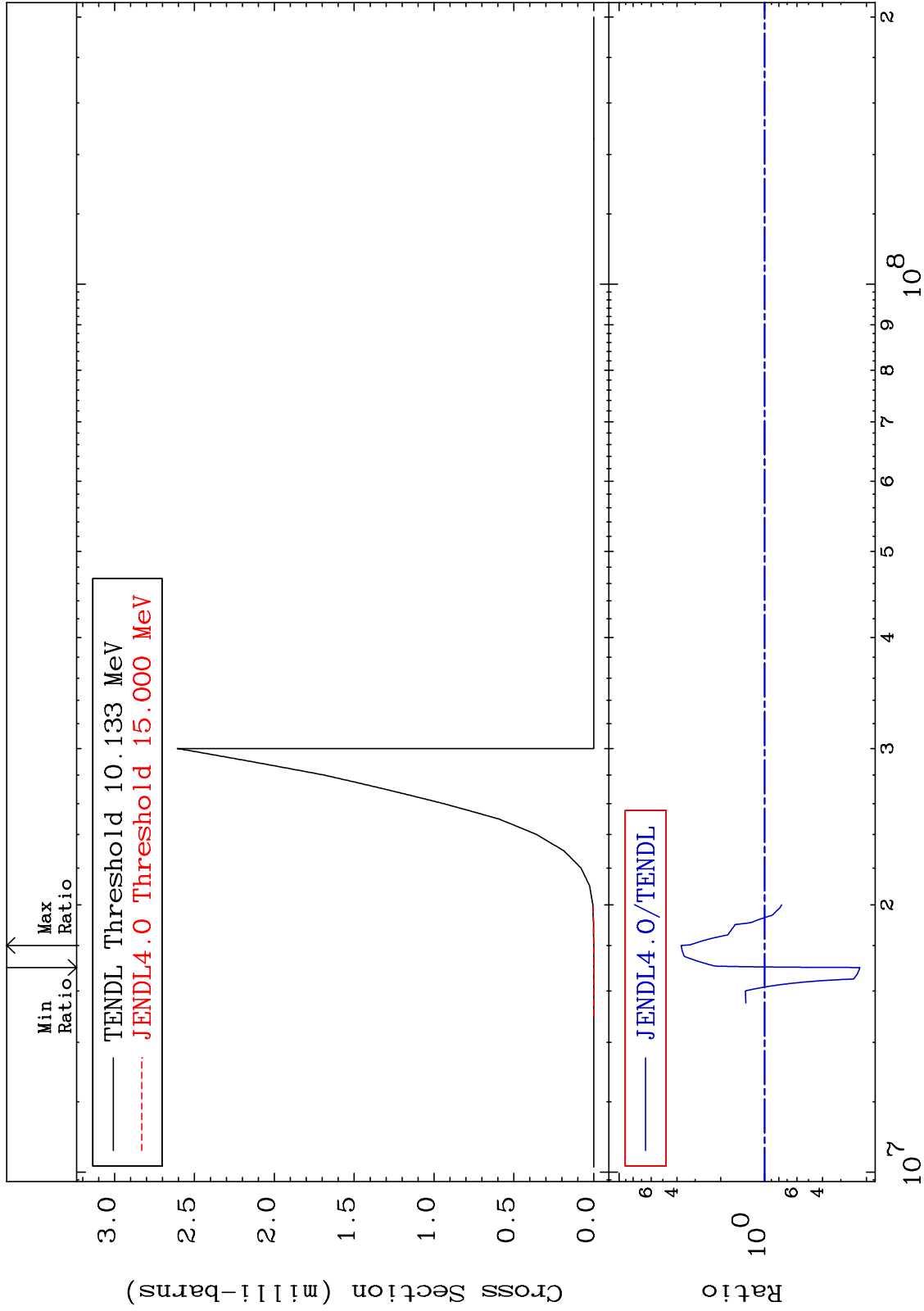
MAT 3725

(n, He-3)

37-Rb-85

Cross Section

-77.82 To 273.9 %



Incident Energy (eV)

37-Rb-85

43

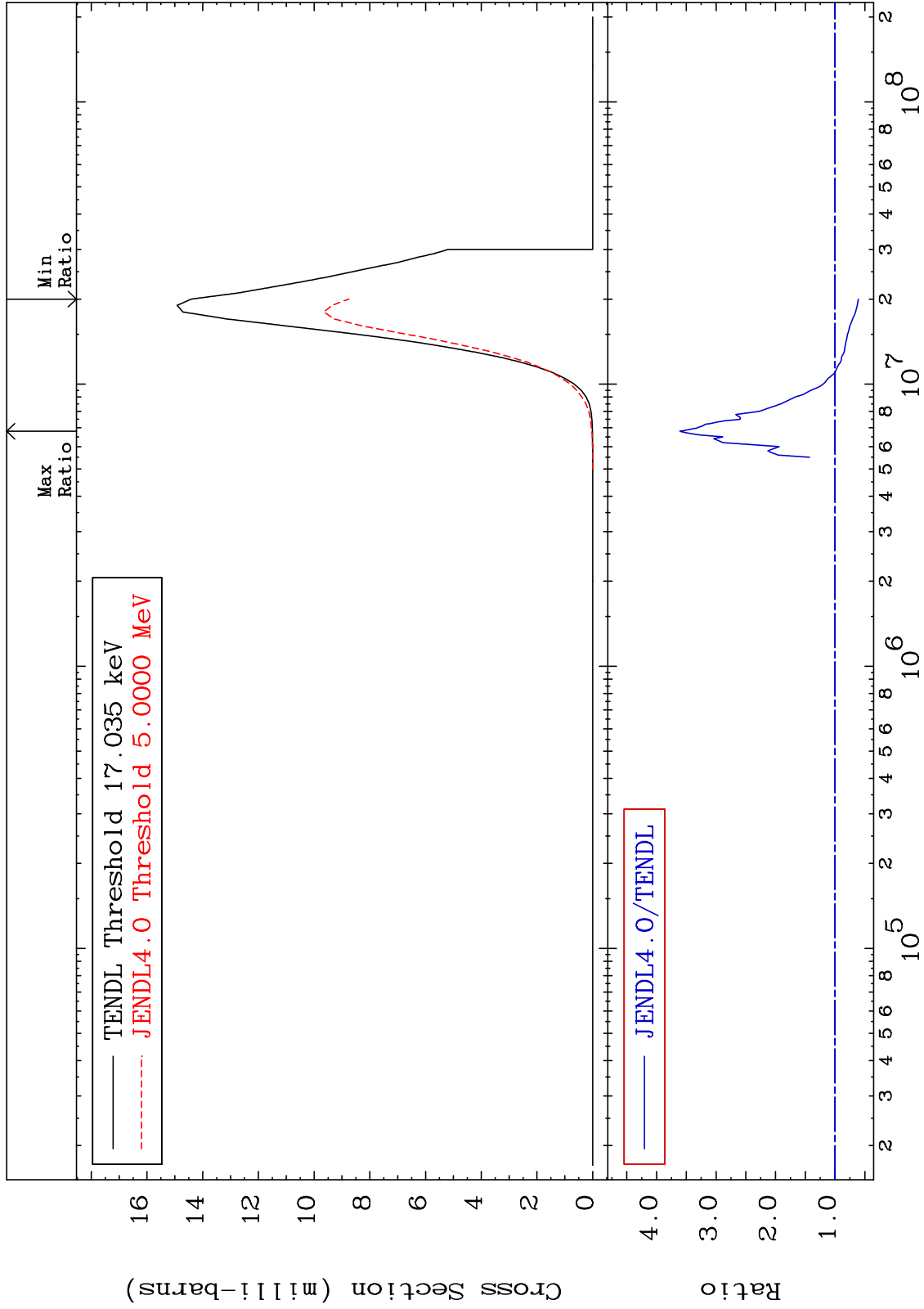
MAT 3725

(n, α)

37-Rb-85

Cross Section

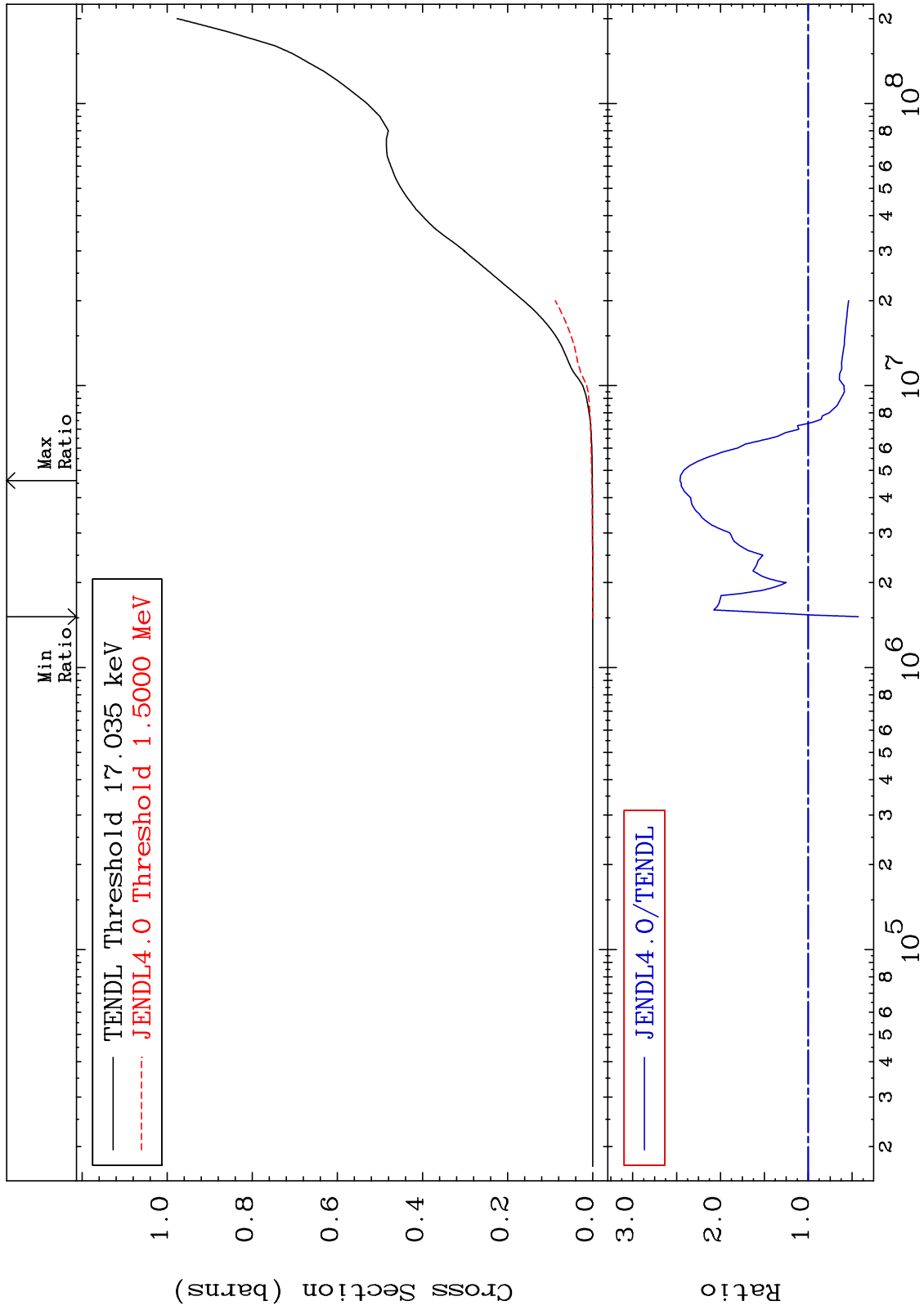
-39.21 To 260.6 %



MAT 3725

Hydrogen Production
Cross Section

³⁷Rb-85
-57.19 To 146.1 %



45

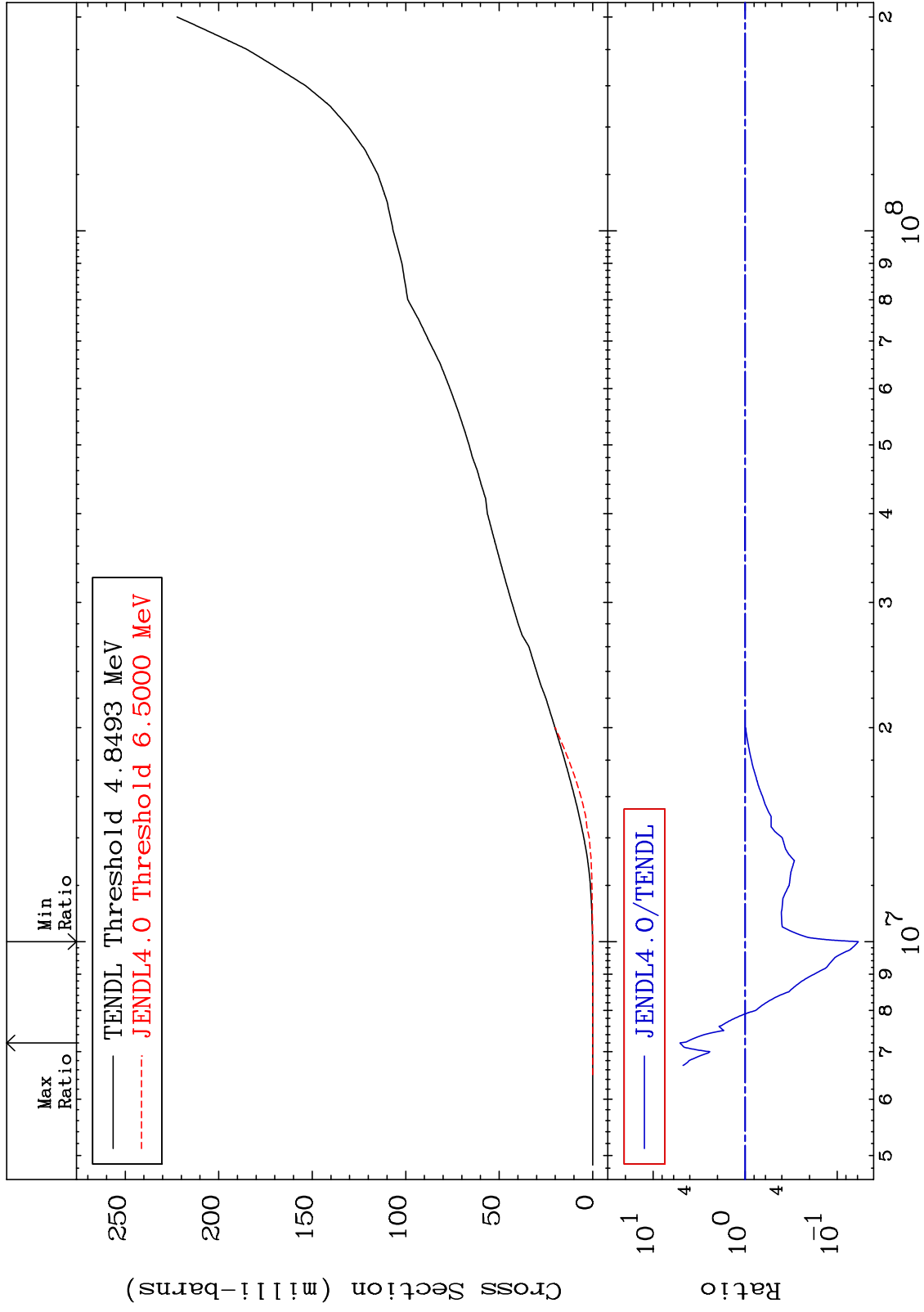
Incident Energy (eV)

³⁷Rb-85

MAT 3725

Deuterium Production
Cross Section

³⁷Rb-85
-94.13 To 410.5 %



46

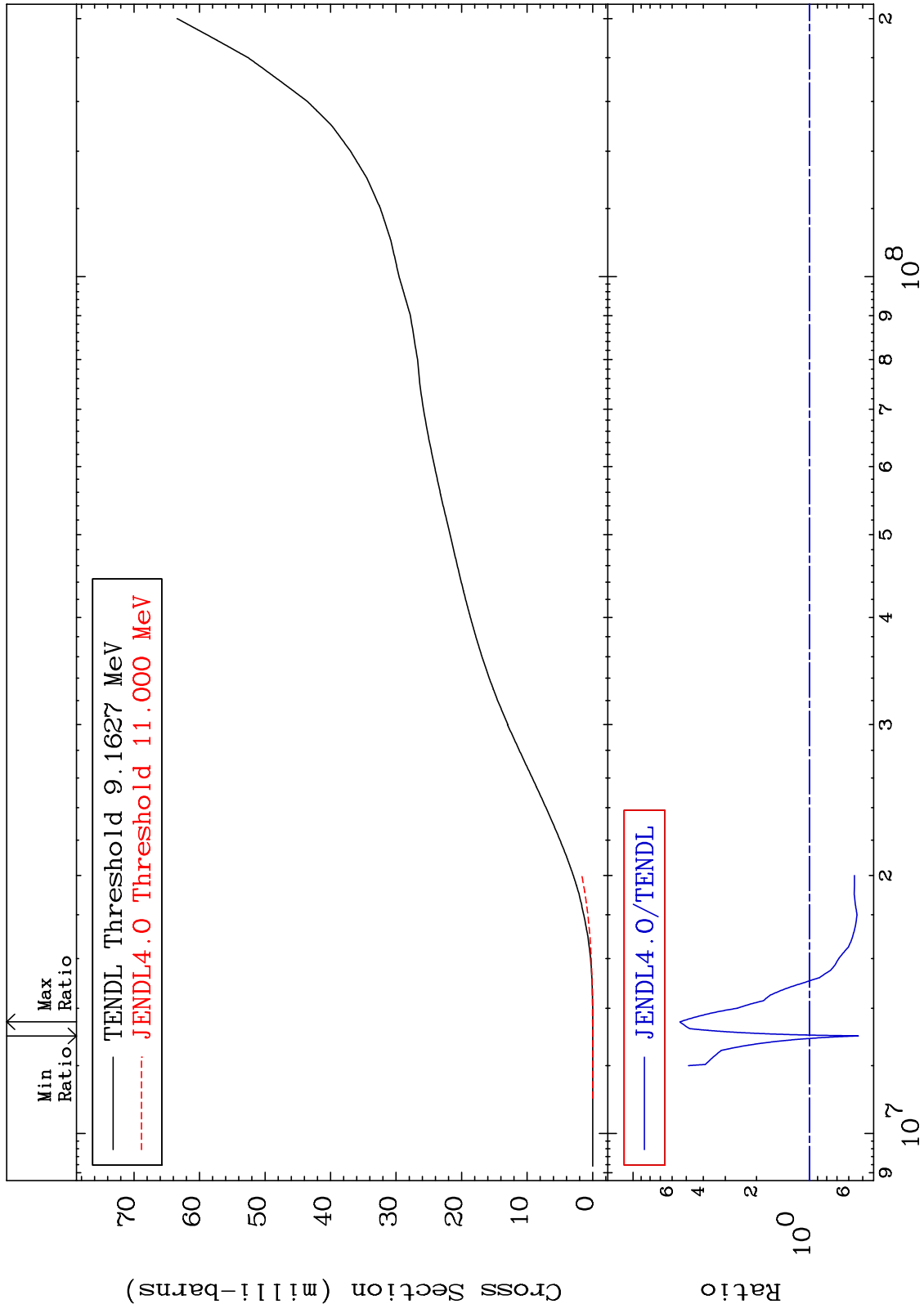
Incident Energy (eV)

³⁷Rb-85

MAT 3725

Tritium Production
Cross Section

³⁷Rb-85
-47.09 To 441.8 %



47

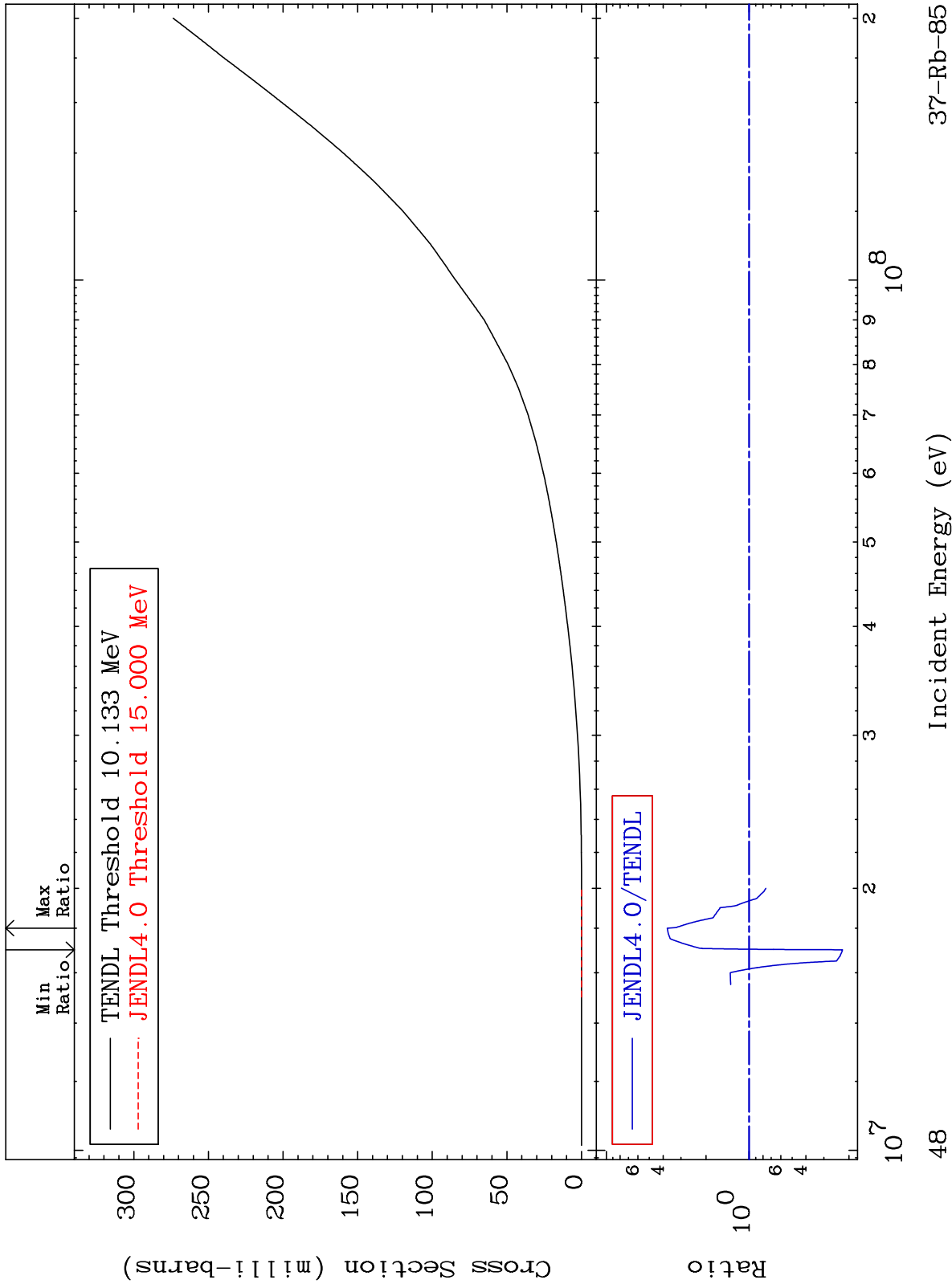
Incident Energy (eV)

³⁷Rb-85

MAT 3725

He-3 Production
Cross Section

37-Rb-85
-77.82 To 273.9 %



37-Rb-85

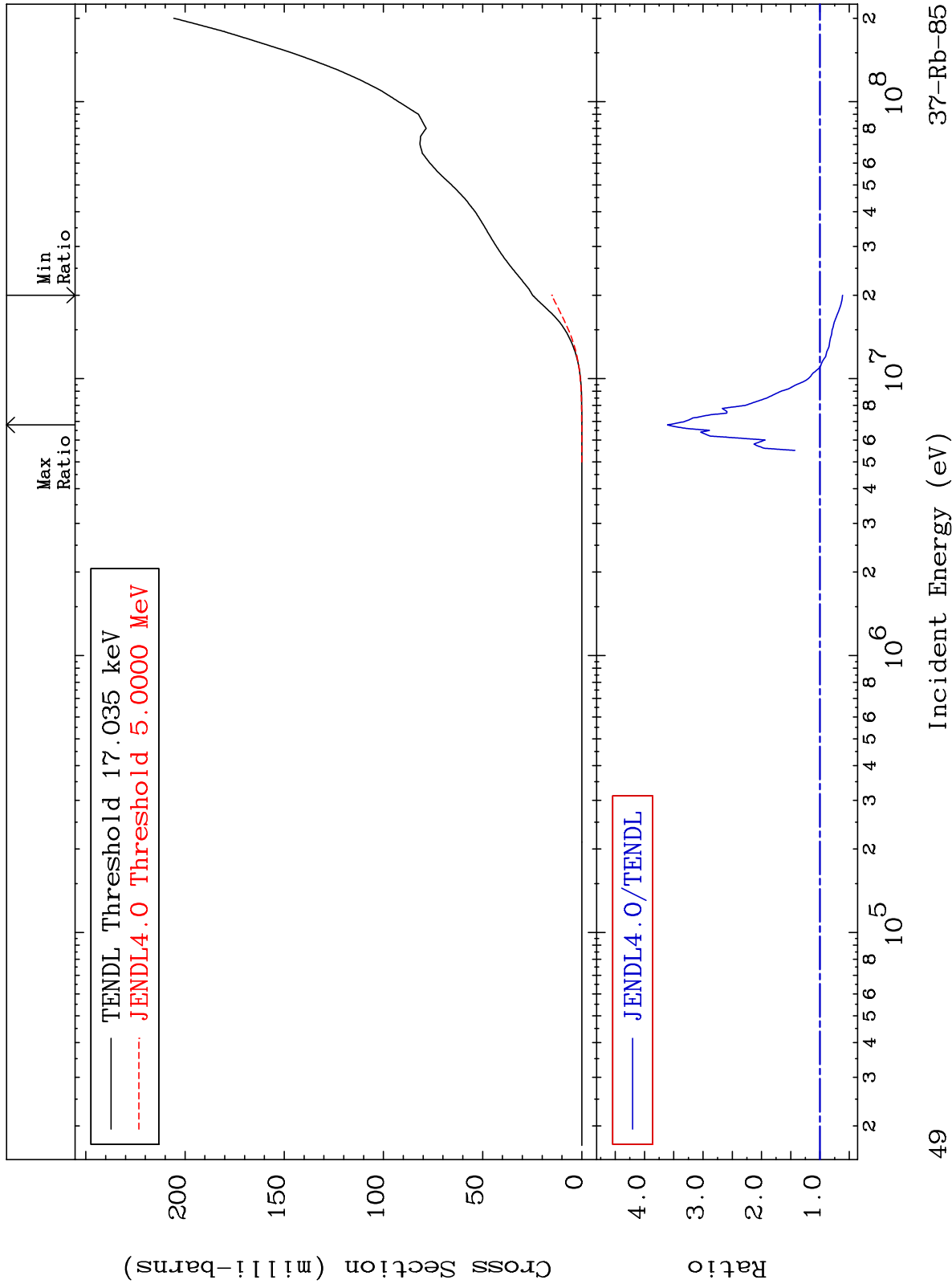
Incident Energy (eV)

48

MAT 3725

He-4 Production
Cross Section

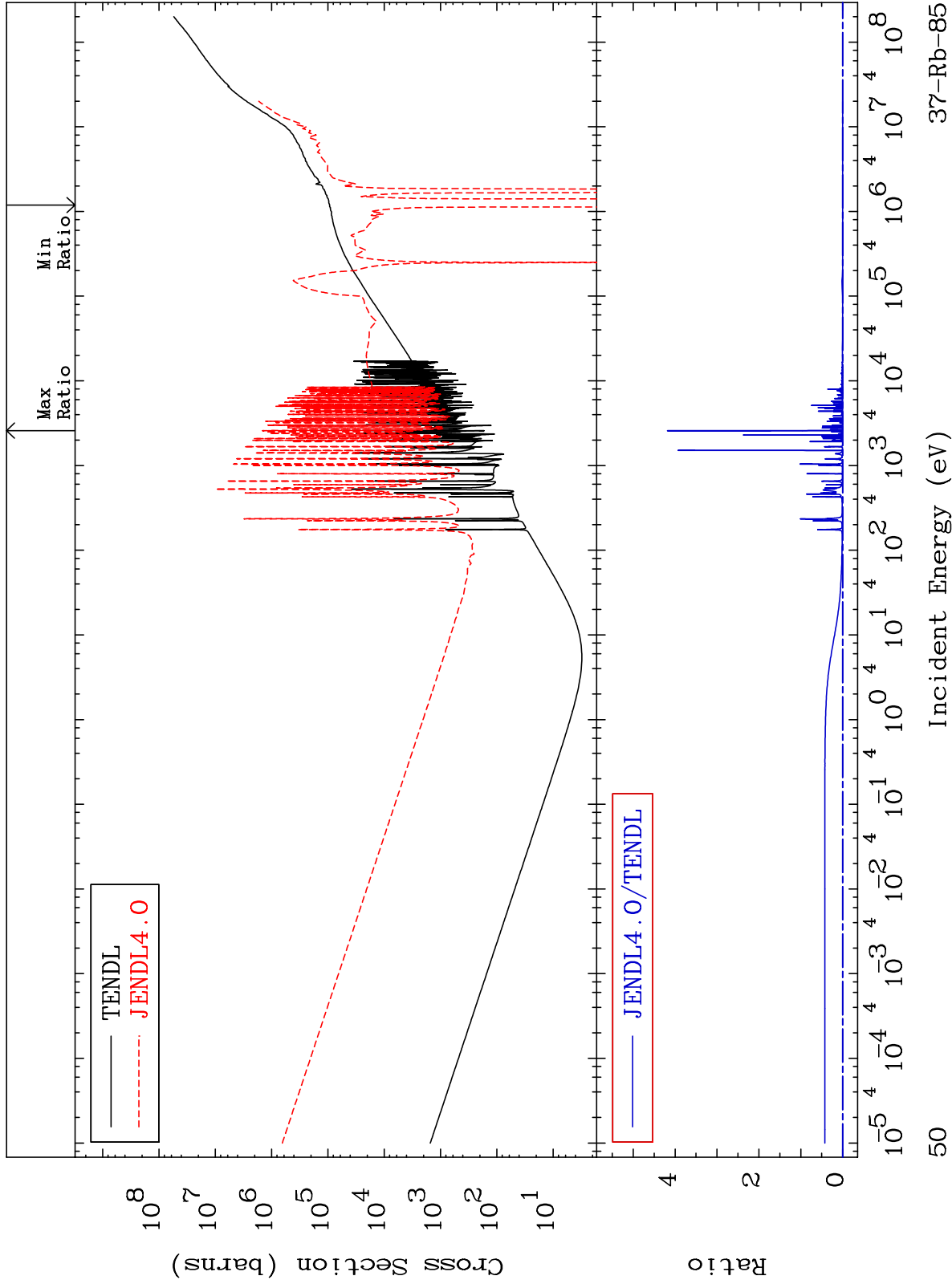
37-Rb-85
-38.69 To 260.6 %



MAT 3725

Kerma total (eV-barns)
Cross Section

37-Rb-85
-108.8 To 9999. %



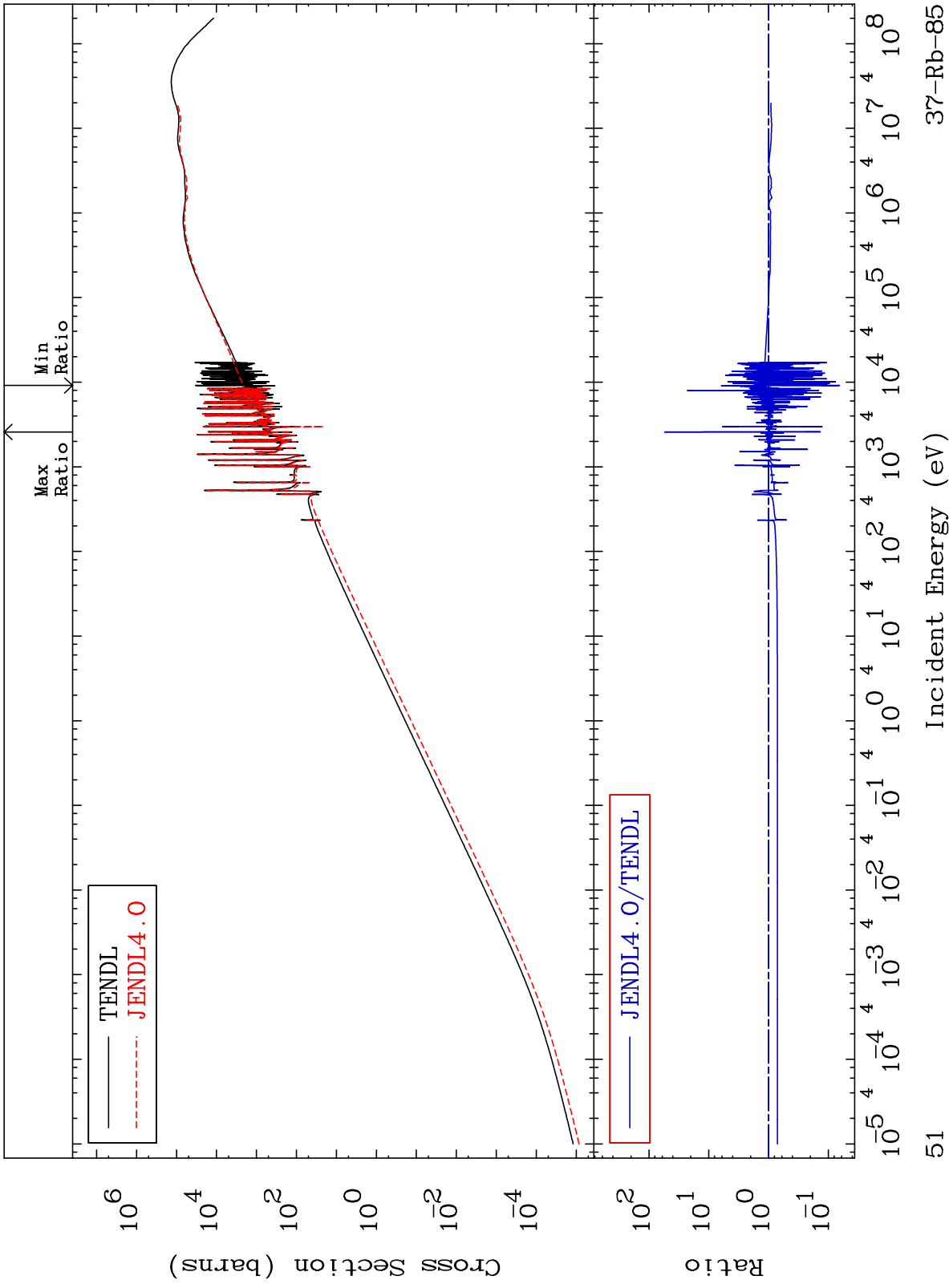
50

37-Rb-85

MAT 3725

Kerma elastic
Cross Section

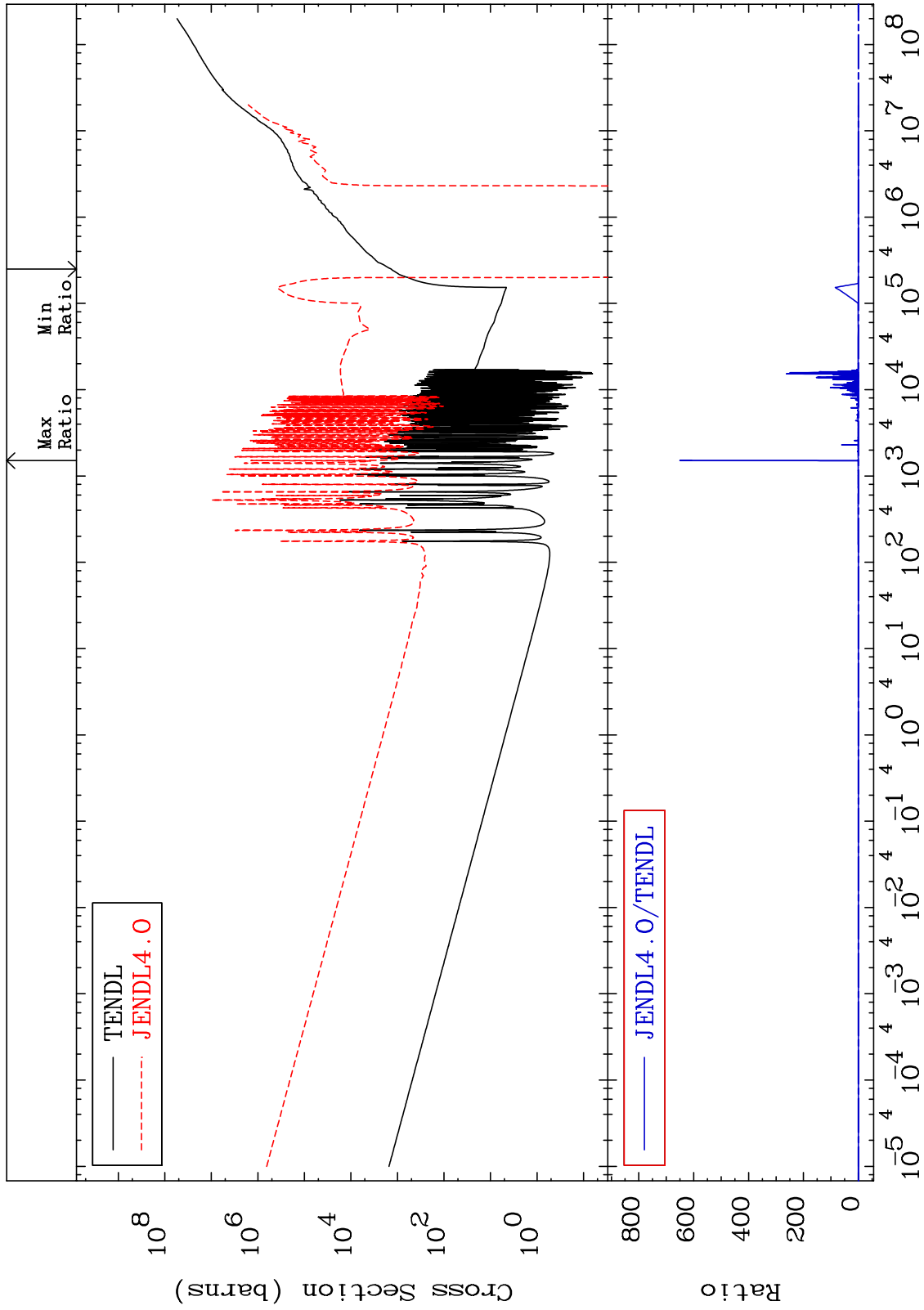
37-Rb-85
-93.53 To 5357. %



MAT 3725

Kerma non-elastic (all but mt2)
Cross Section

37-Rb-85
-3063. To 9999. %



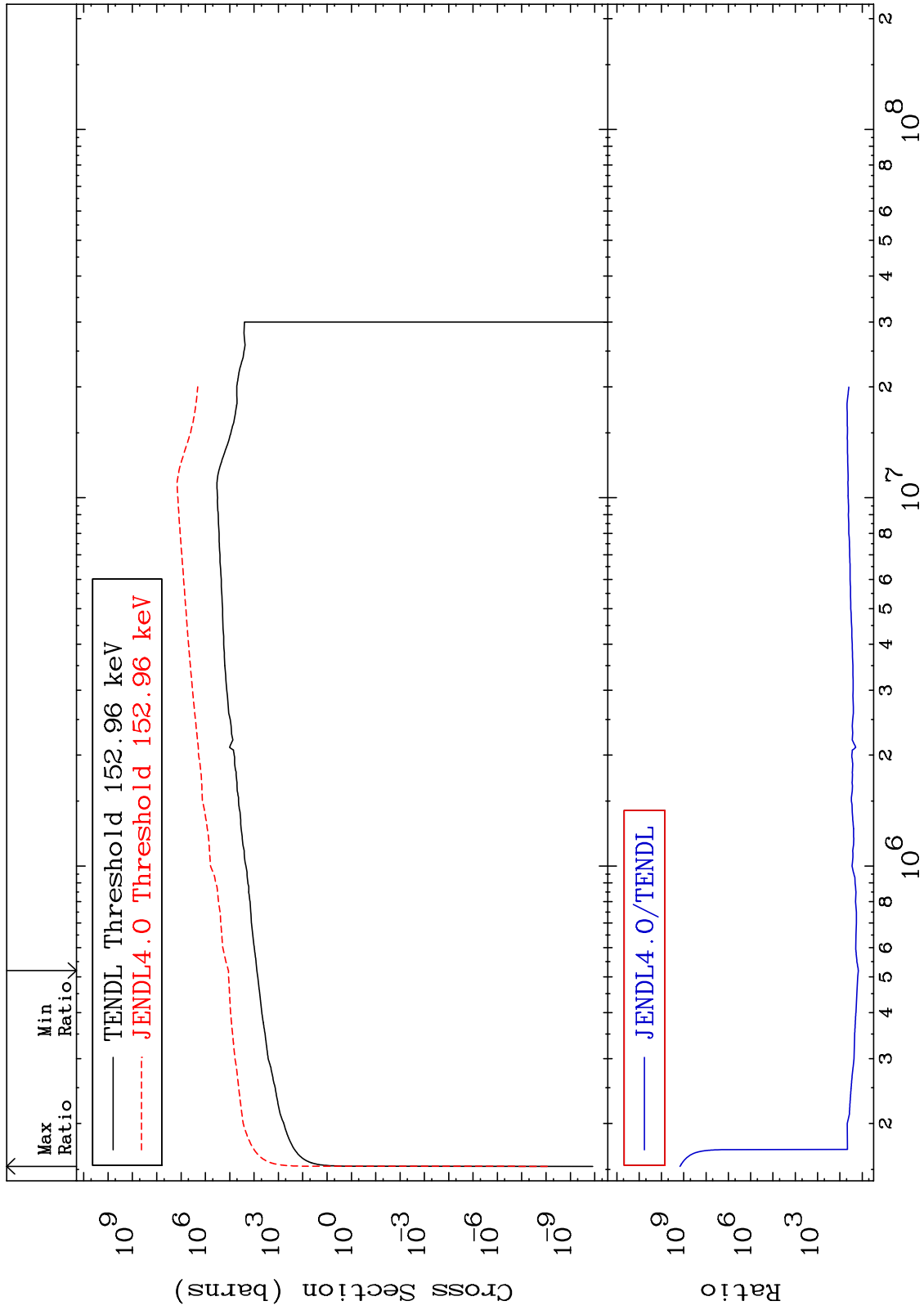
52

37-Rb-85

MAT 3725

Kerma inelastic (mt51-91)
Cross Section

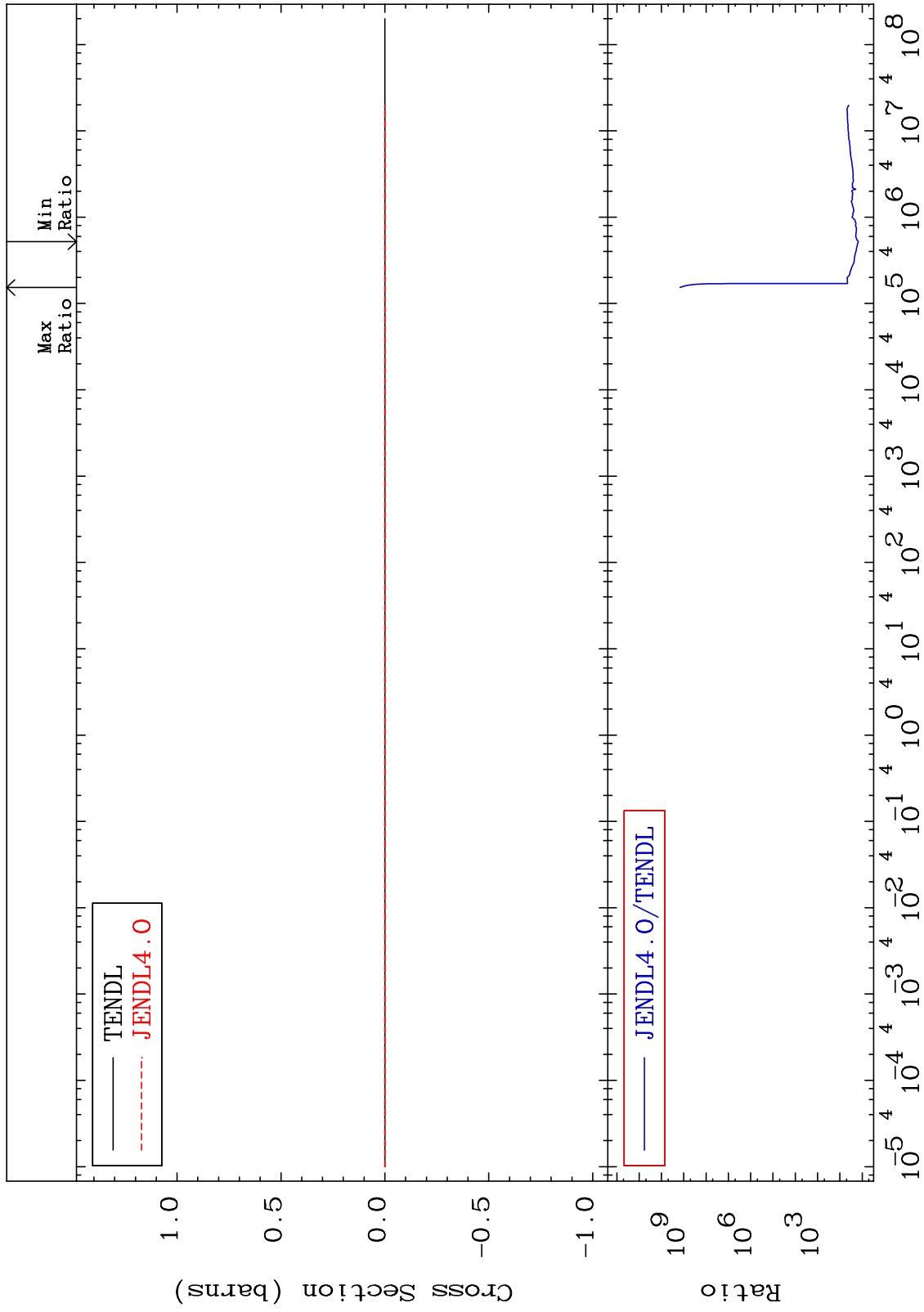
37-Rb-85
1380. To 9999. %



MAT 3725

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

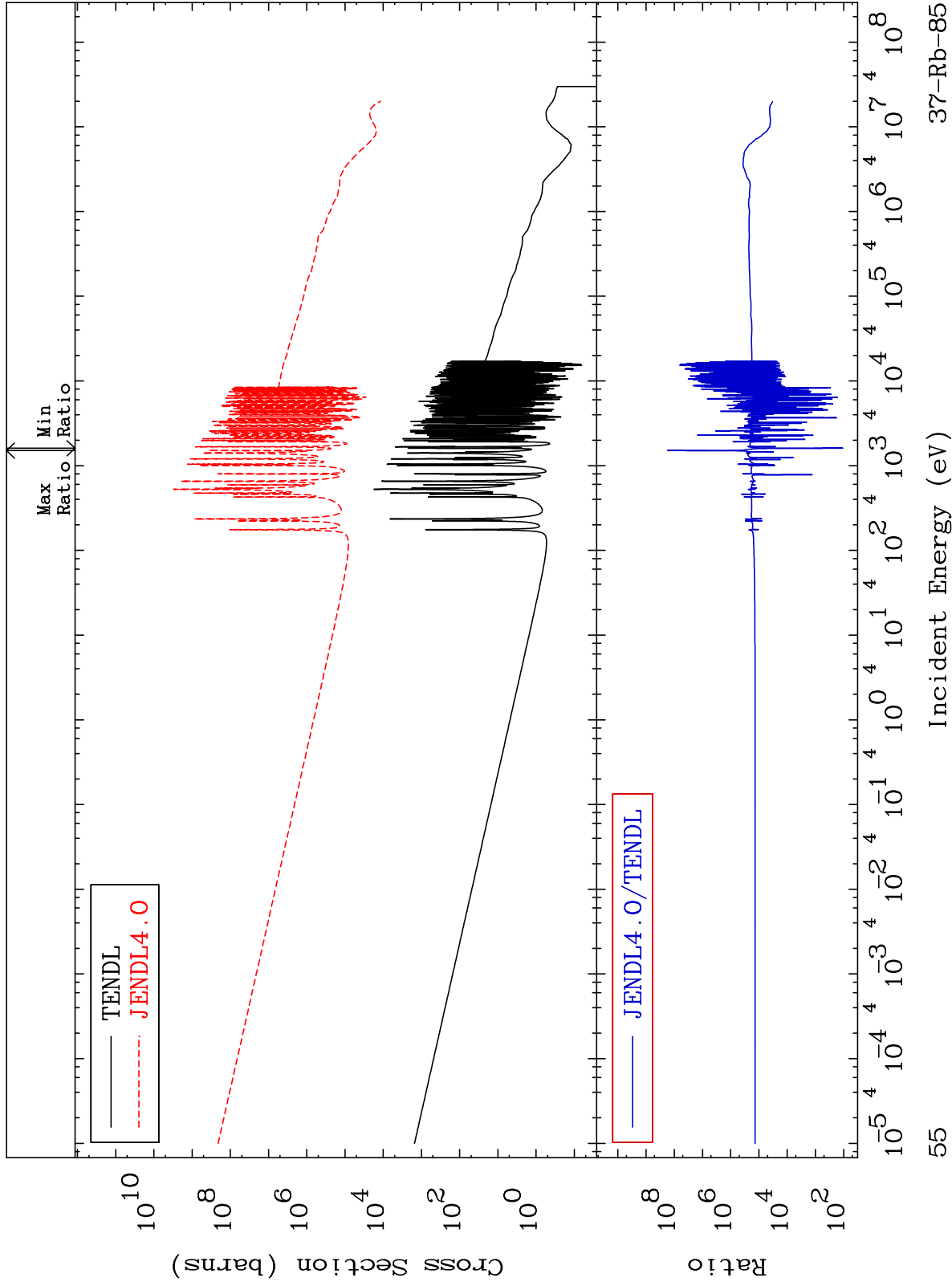
37-Rb-85
1380. To 9999. %



MAT 3725

Kerma capture (mt102)
Cross Section

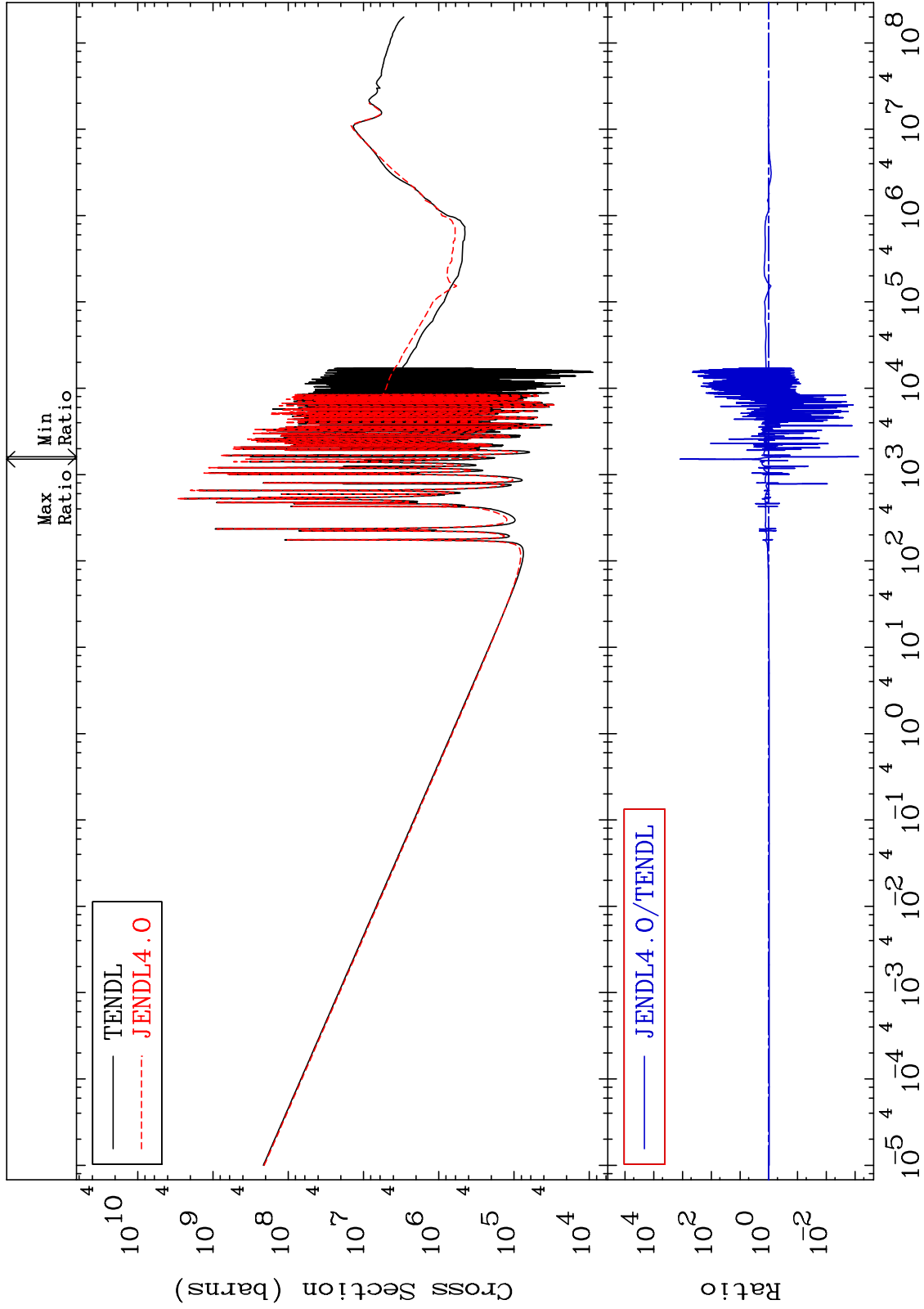
37-Rb-85
9999. To 9999. %



MAT 3725

Total photon (eV-barns)
Cross Section

37-Rb-85
-99.92 To 9999. %



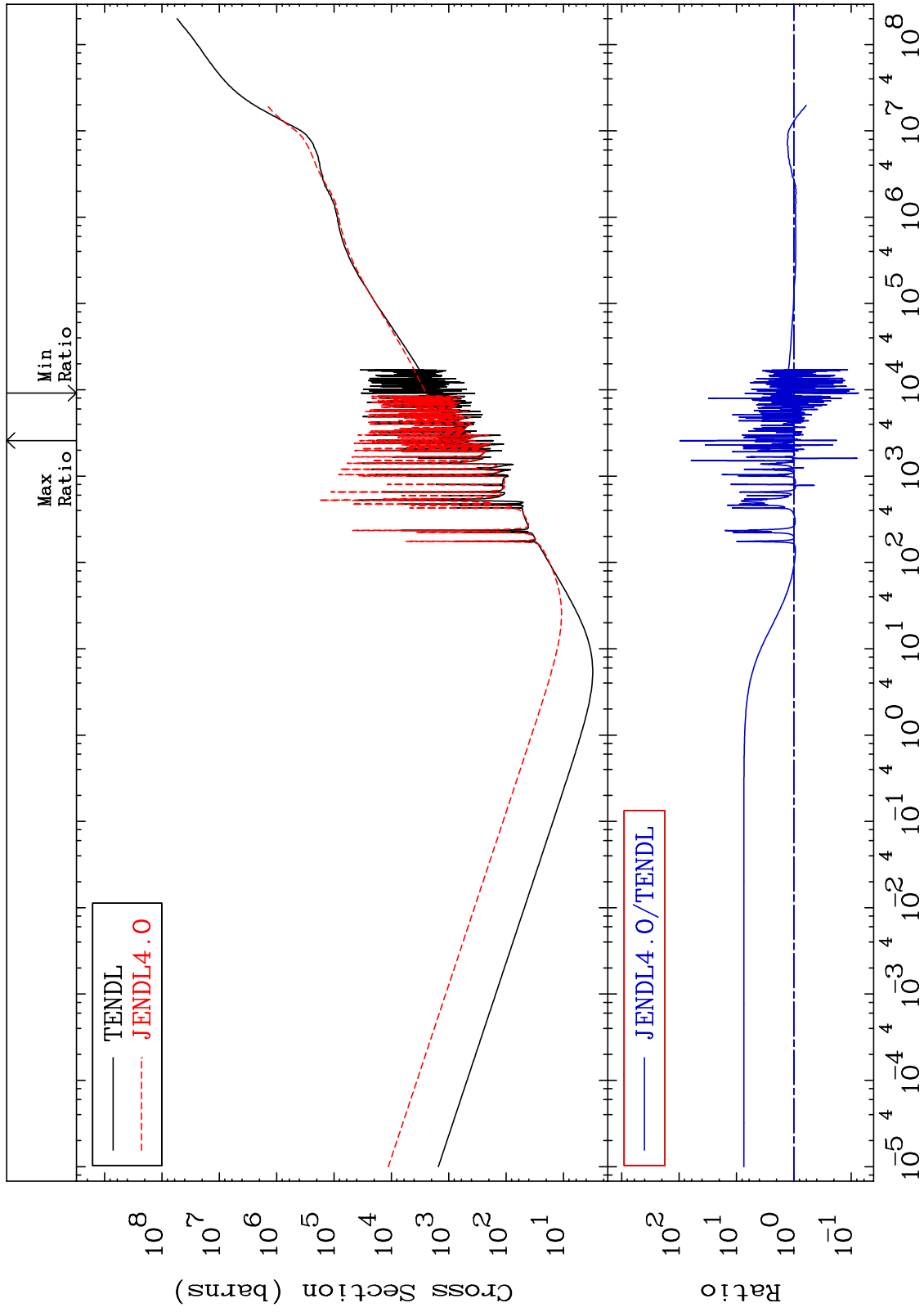
56

37-Rb-85

MAT 3725

Total kinematic kerma (high limit)
Cross Section

37-Rb-85
-92.51 To 9526. %



57

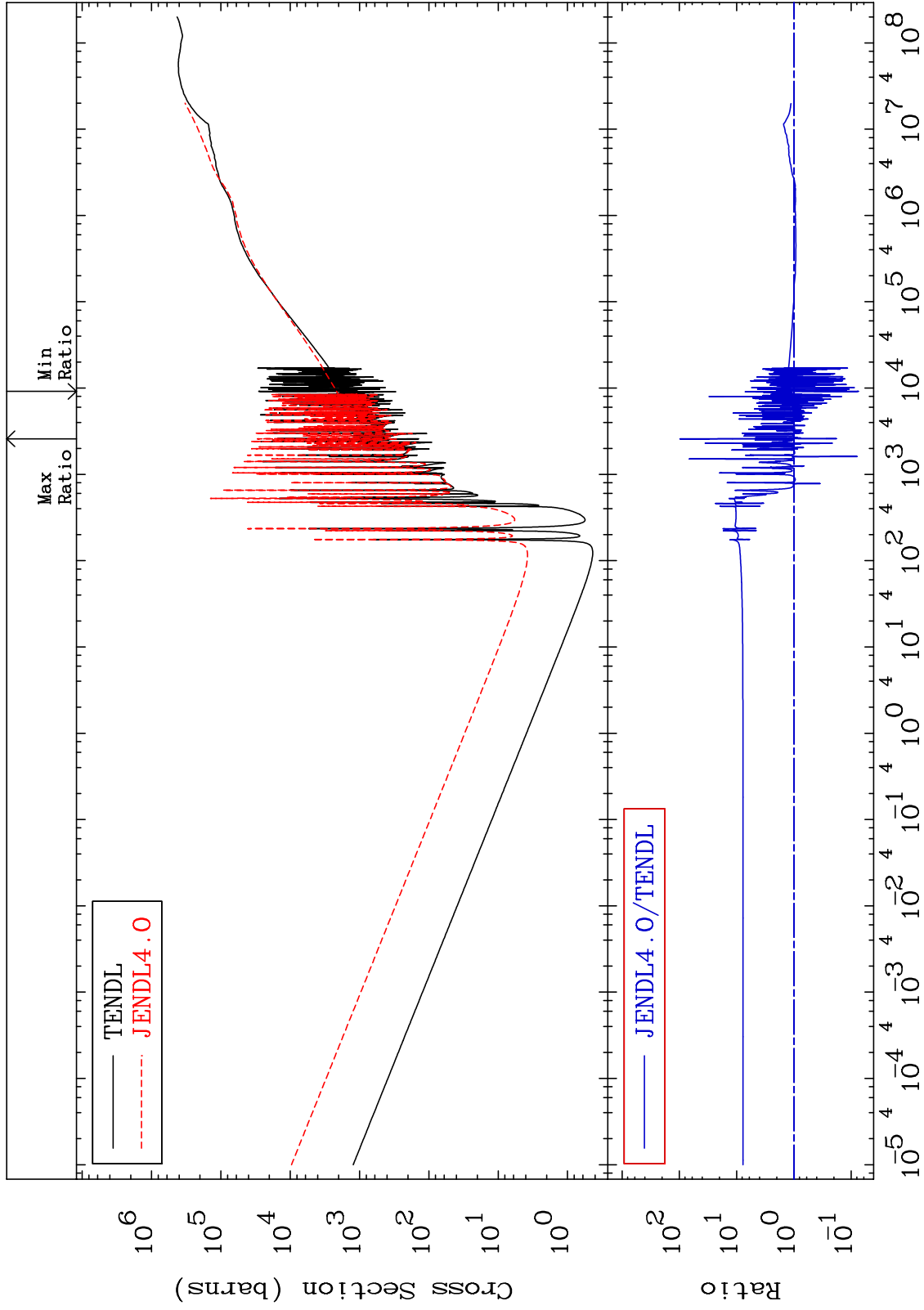
Incident Energy (eV)

37-Rb-85

MAT 3725

Dpa total (eV-barns)
Cross Section

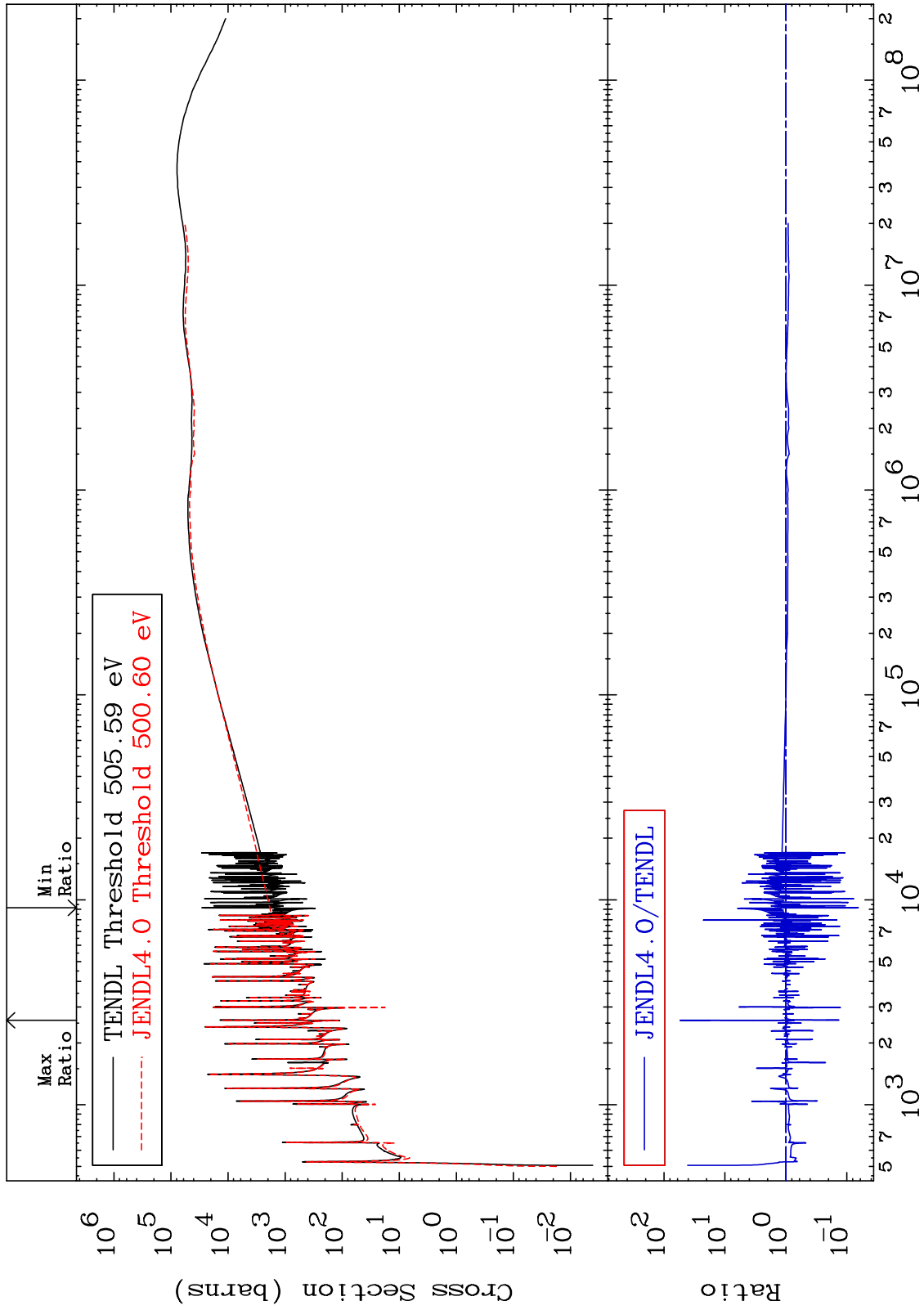
37-Rb-85
-92.52 To 9656. %



MAT 3725

Dpa elastic (mt2)
Cross Section

37-Rb-85
-93.53 To 5357. %



59

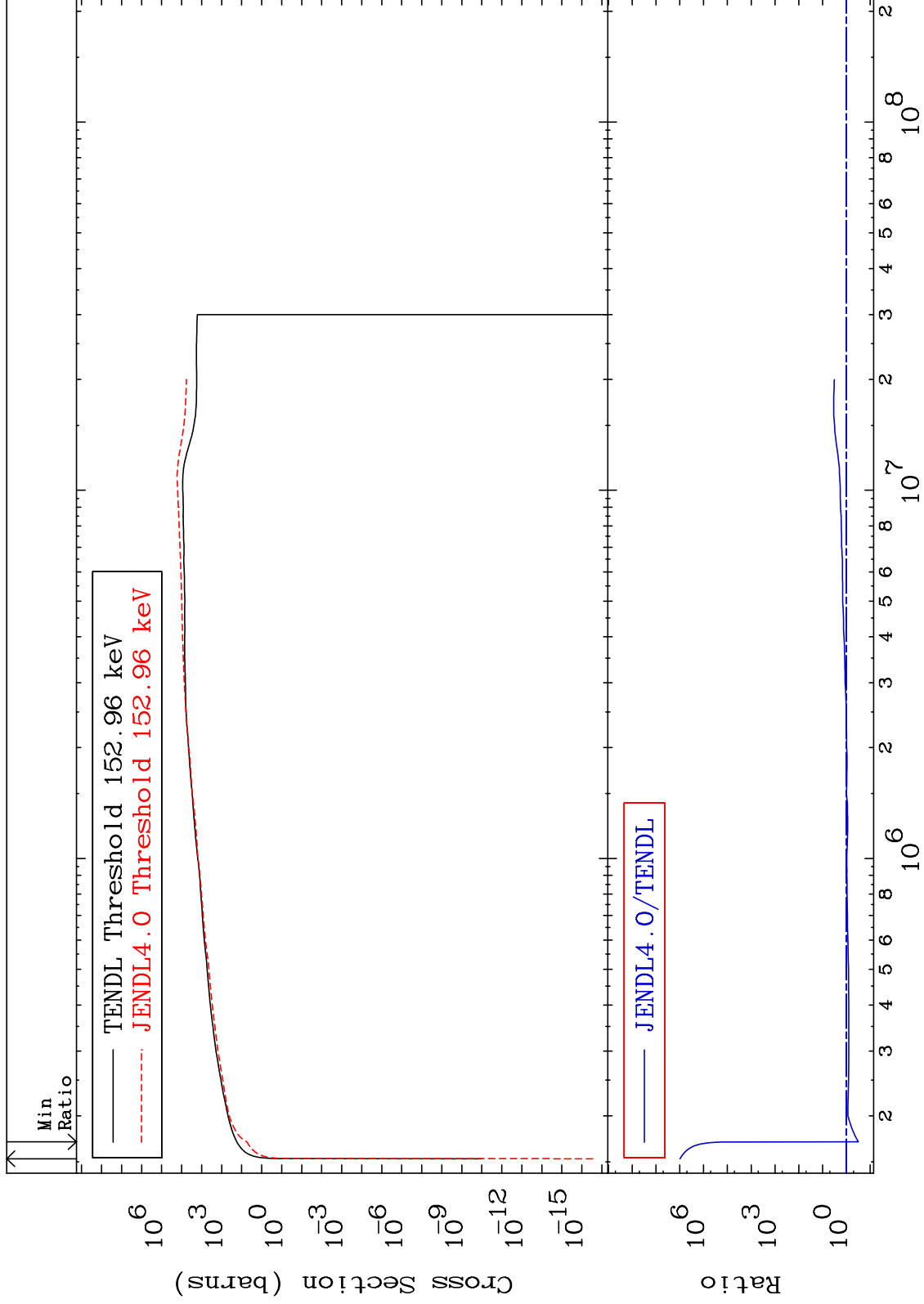
Incident Energy (eV)

37-Rb-85

MAT 3725

Dpa inelastic (mt51-91)
Cross Section

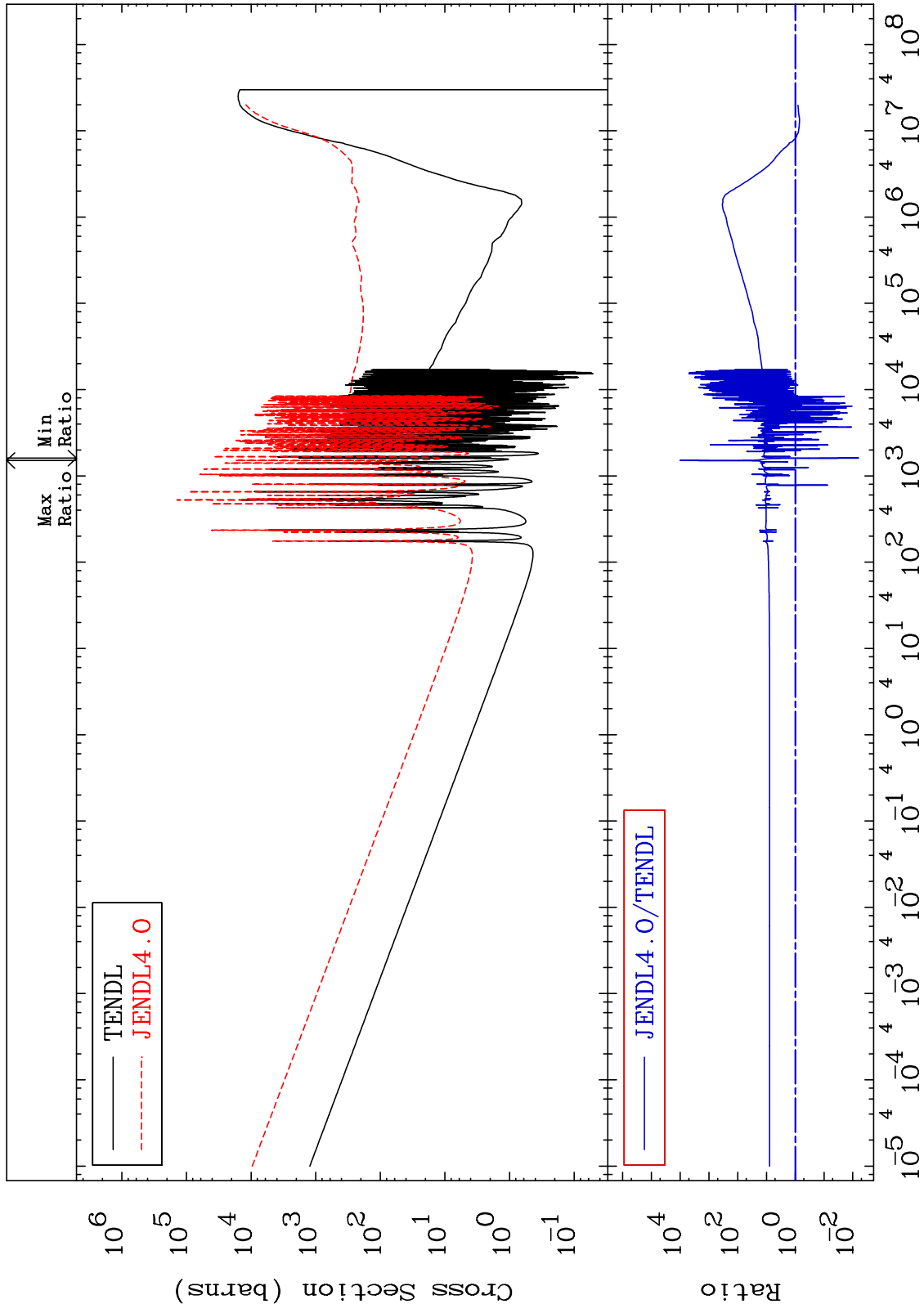
37-Rb-85
-68.65 To 9999. %



MAT 3725

Dpa disappearance (mt102 -120)
Cross Section

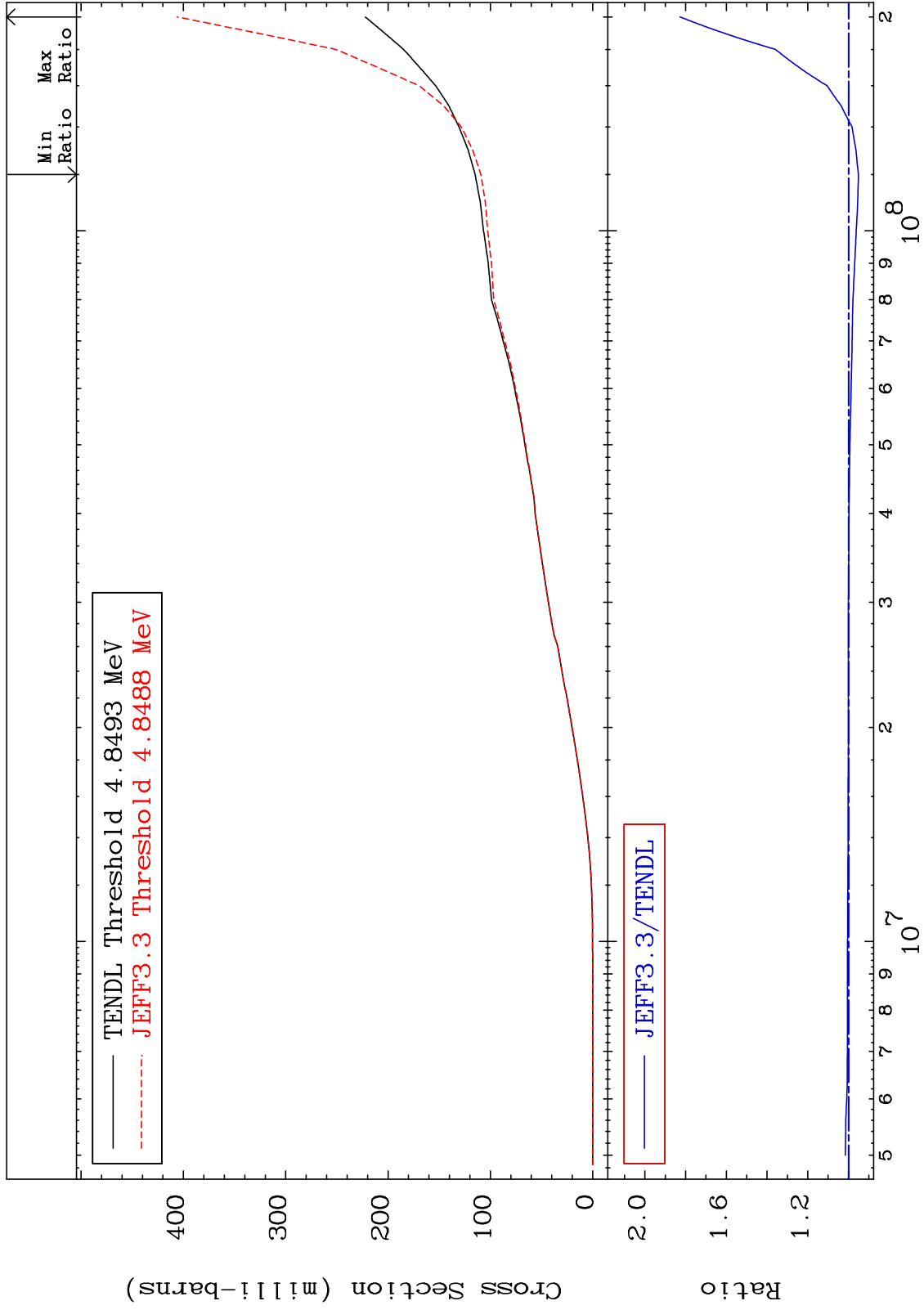
37-Rb-85
-99.36 To 9999. %



MAT 3725

Deuterium Production
Cross Section

37-Rb-85
-4.860 To 82.74 %



62

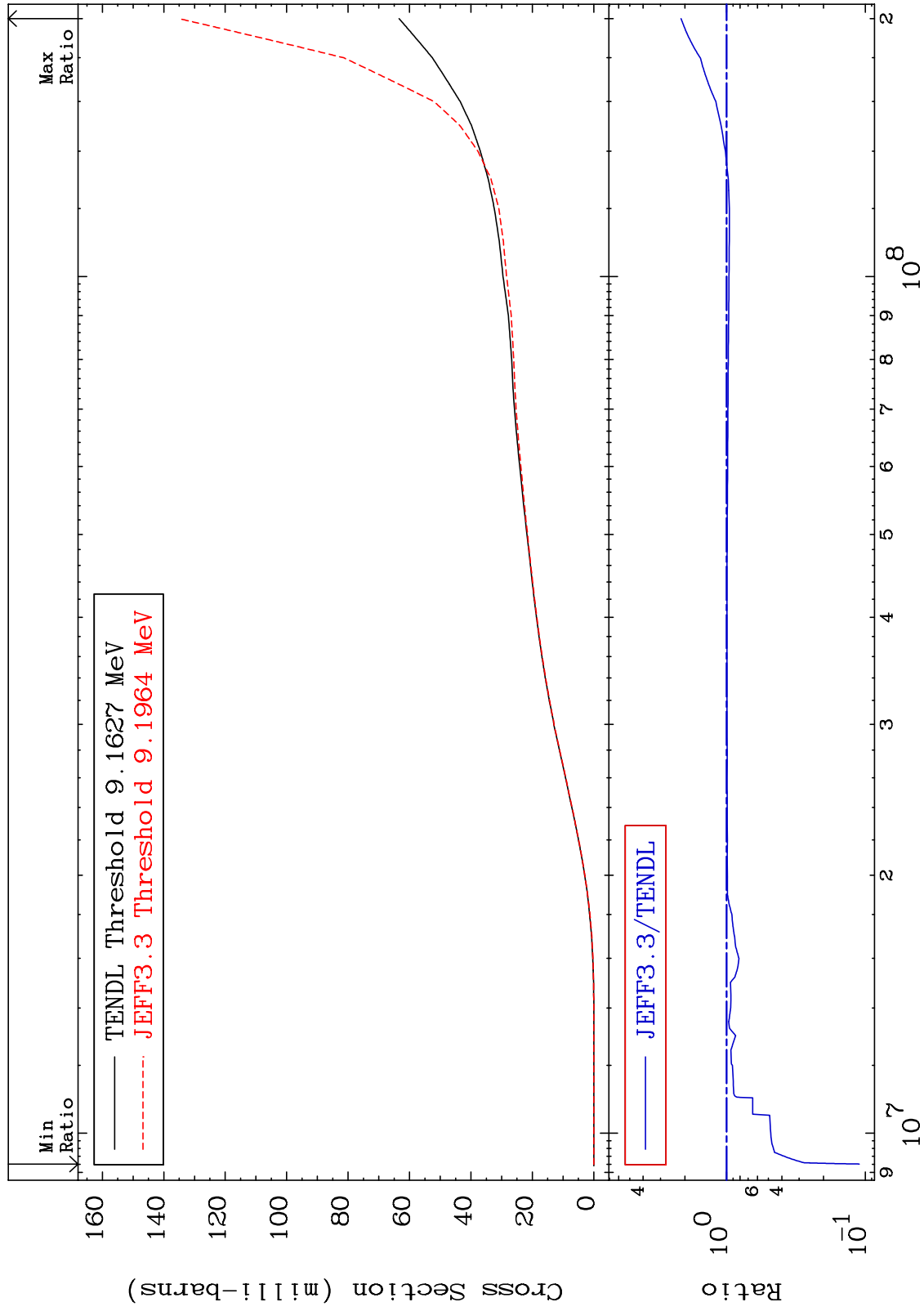
Incident Energy (eV)

37-Rb-85

MAT 3725

Tritium Production
Cross Section

³⁷Rb-85
-88.95 To 113.2 %



63

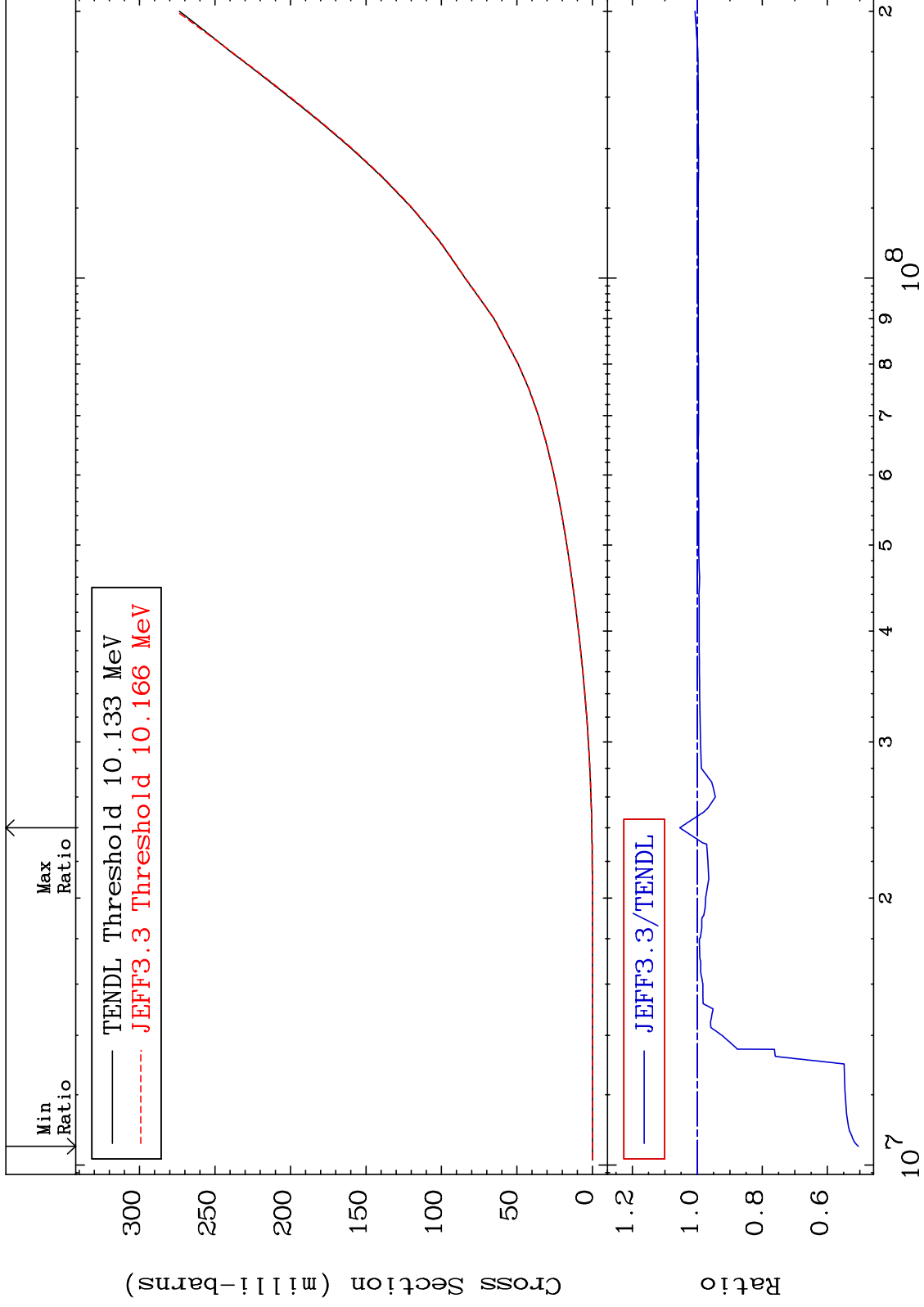
Incident Energy (eV)

³⁷Rb-85

MAT 3725

He-3 Production
Cross Section

37-Rb-85
-49.53 To 5.392 %



64

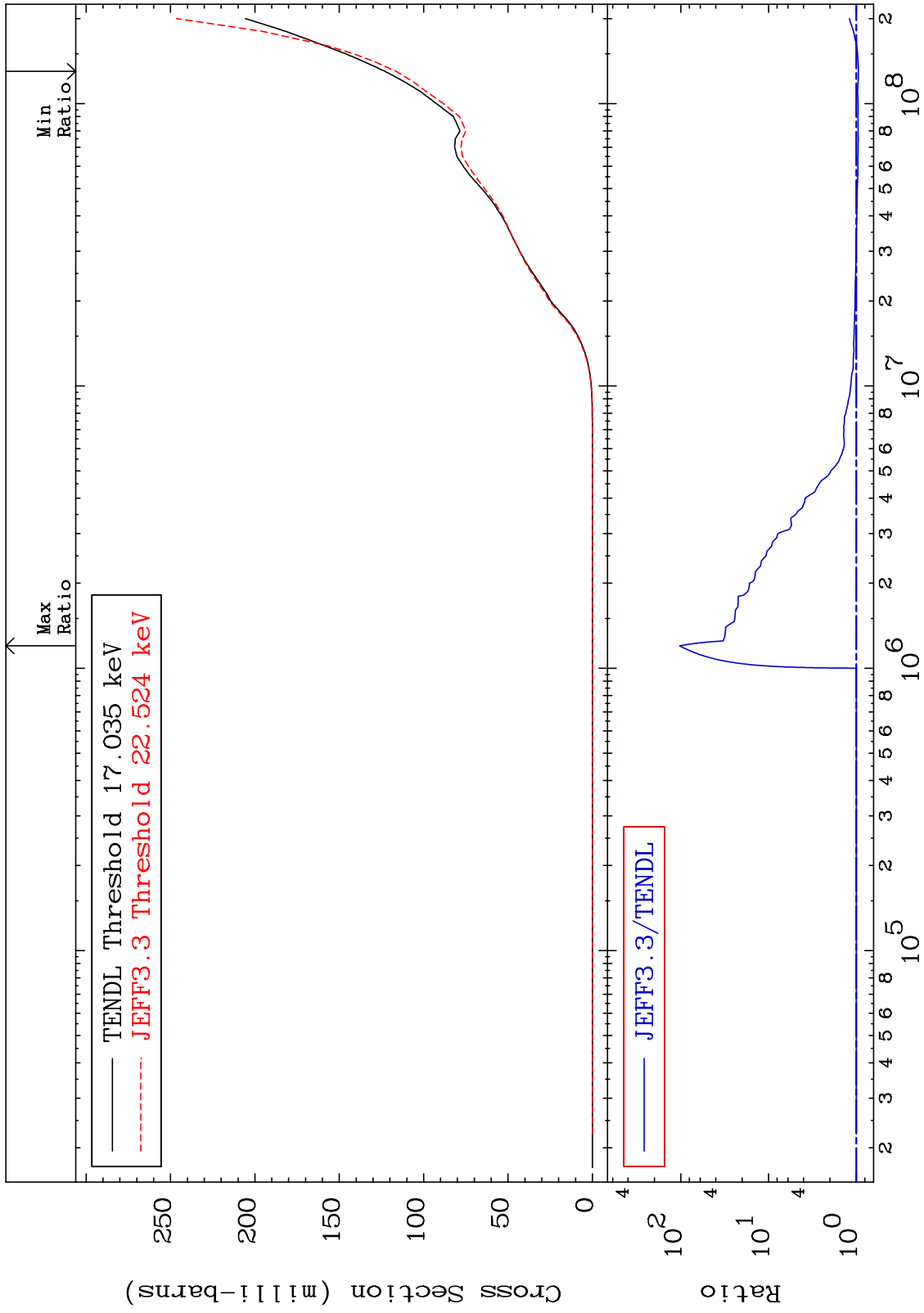
Incident Energy (eV)

37-Rb-85

MAT 3725

He-4 Production
Cross Section

37-Rb-85
-5.253 To 9999. %



65

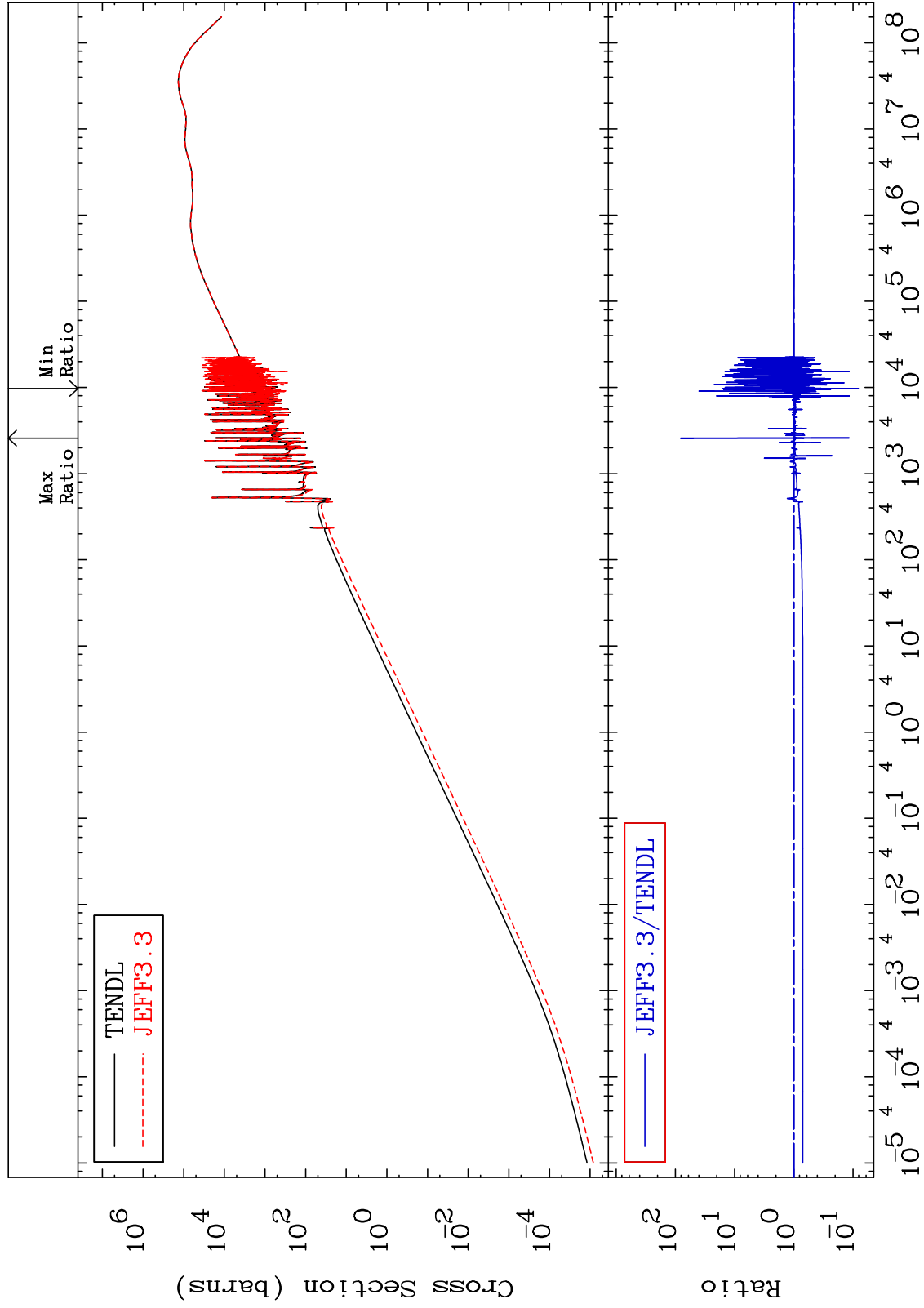
Incident Energy (eV)

37-Rb-85

MAT 3725

Kerma elastic
Cross Section

37-Rb-85
-91.95 To 8100. %



67

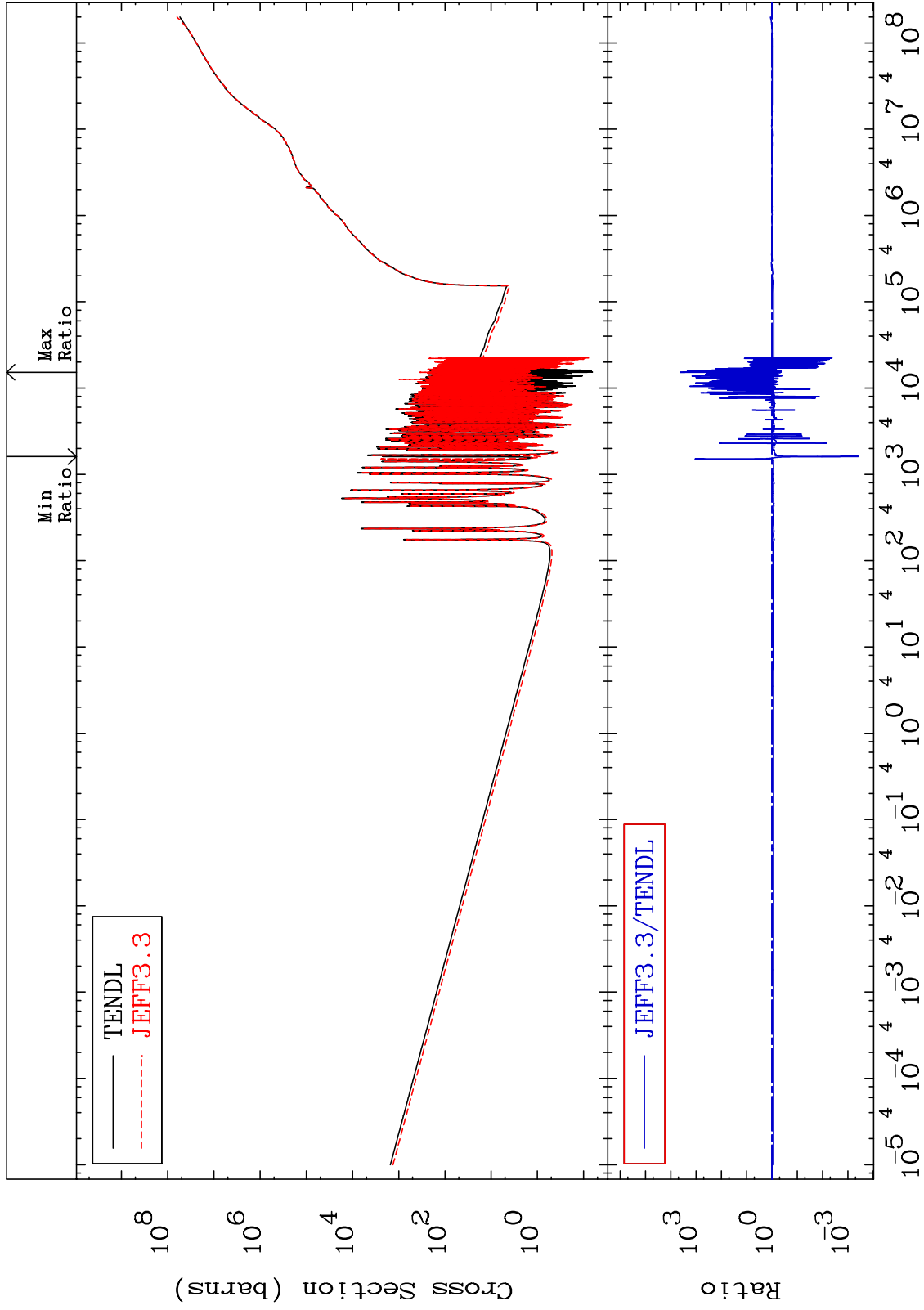
Incident Energy (eV)

37-Rb-85

MAT 3725

Kerma non-elastic (all but mt2)
Cross Section

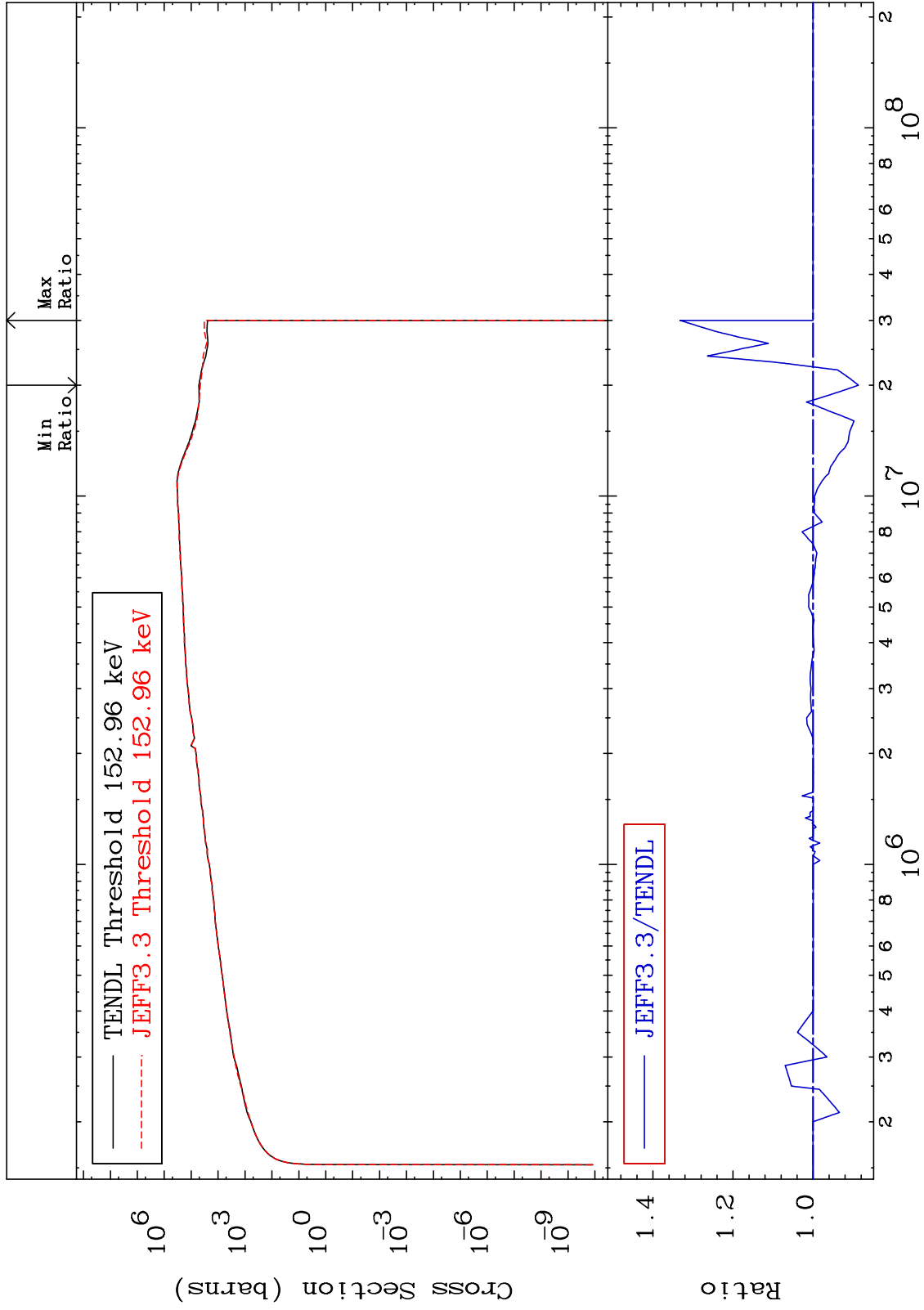
37-Rb-85
-99.96 To 9999. %



MAT 3725

Kerma inelastic (mt51-91)
Cross Section

37-Rb-85
-11.32 To 33.24 %



69

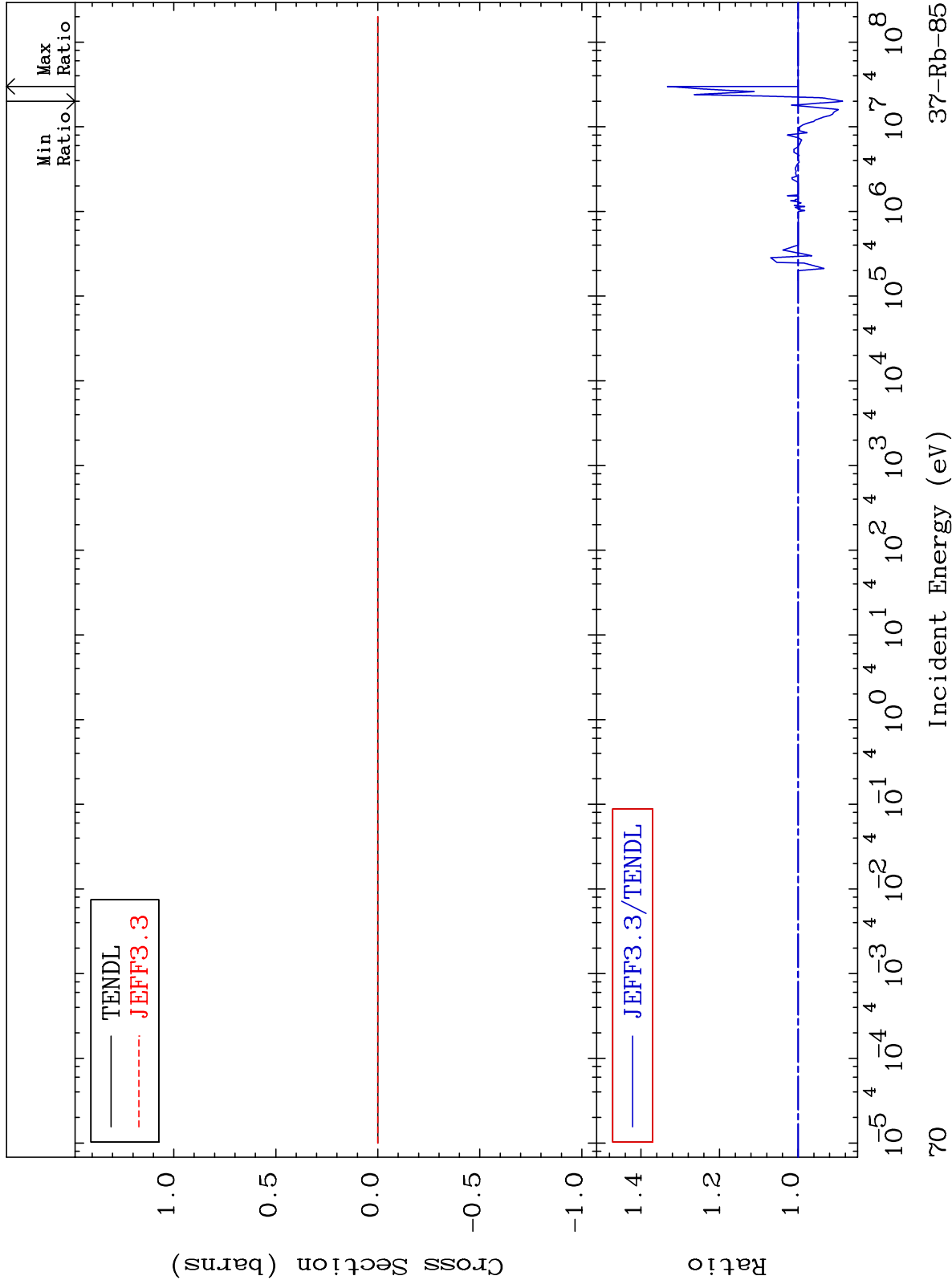
Incident Energy (eV)

37-Rb-85

MAT 3725

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

37-Rb-85
-11.32 To 33.24 %



70

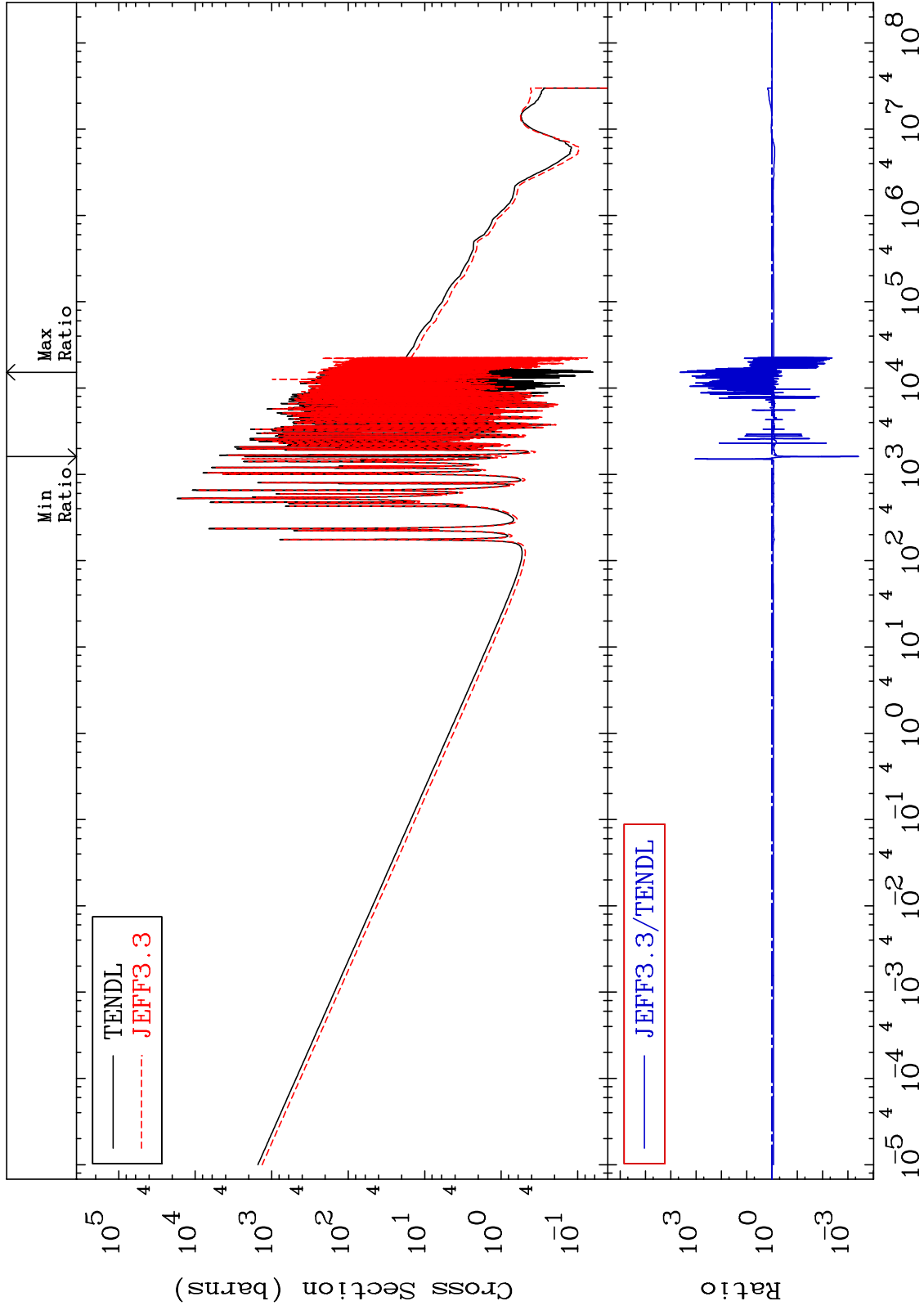
Incident Energy (eV)

37-Rb-85

MAT 3725

Kerma capture (mt102)
Cross Section

37-Rb-85
-99.96 To 9999. %



71

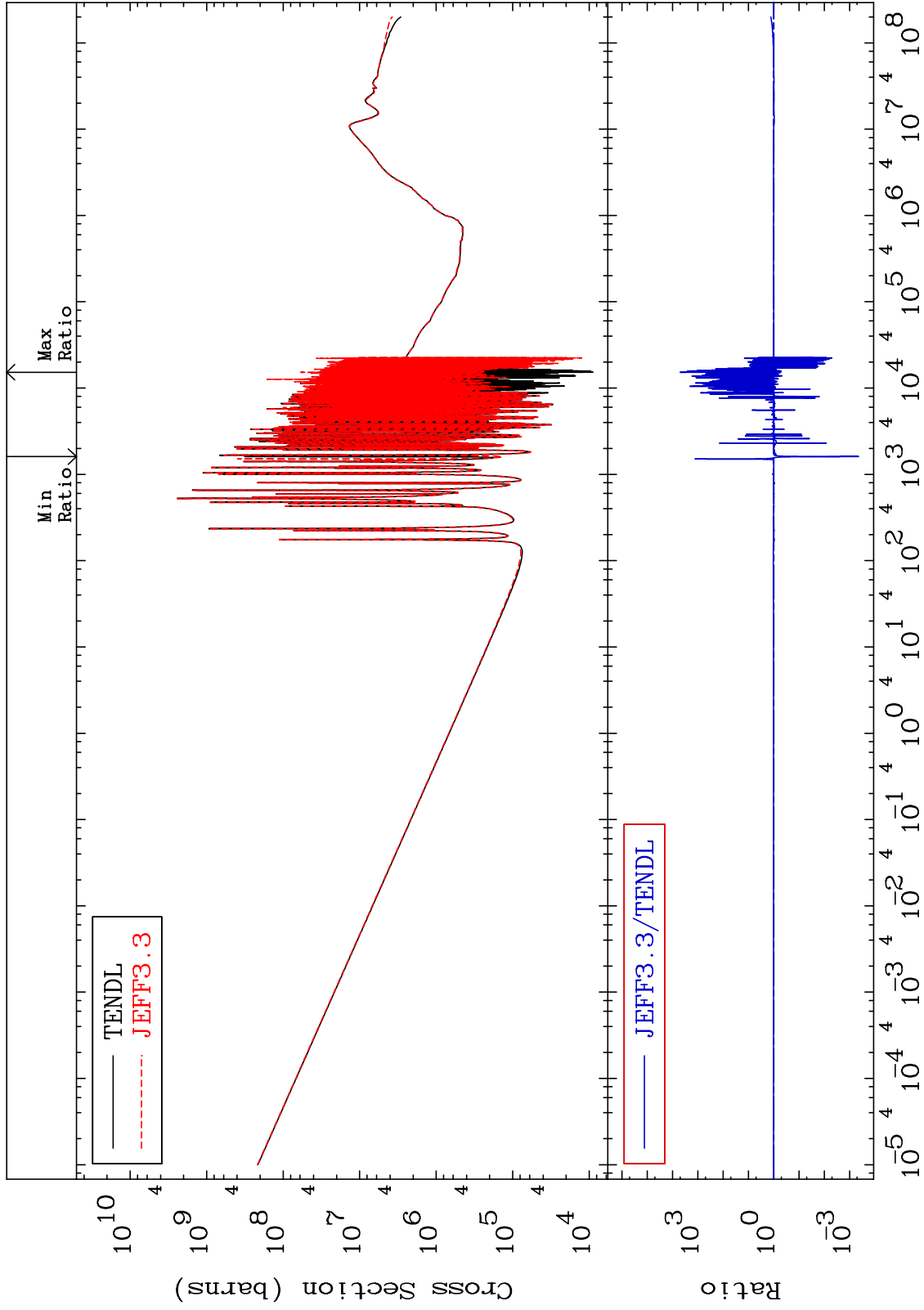
Incident Energy (eV)

37-Rb-85

MAT 3725

Total photon (eV-barns)
Cross Section

37-Rb-85
-99.96 To 9999. %



72

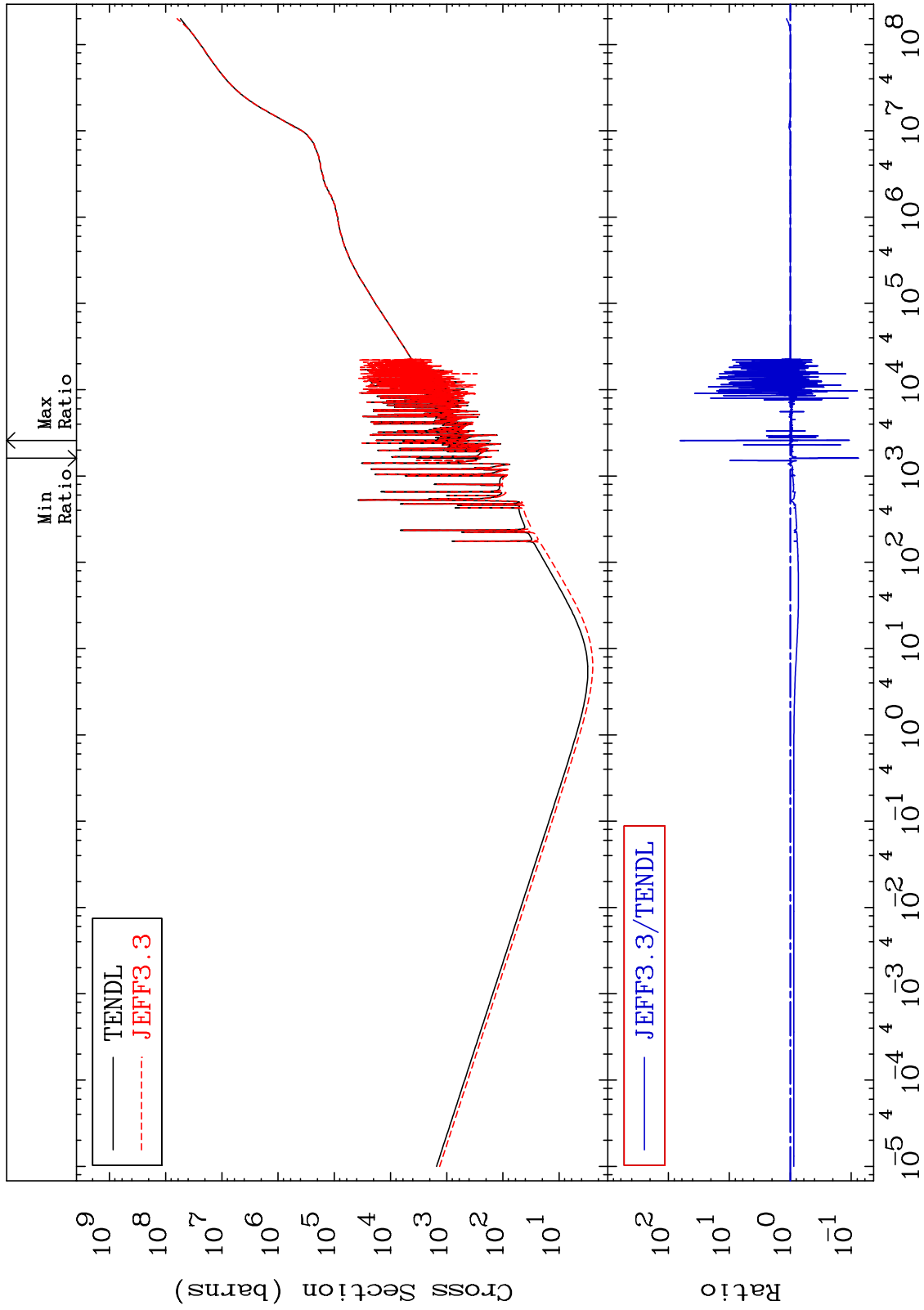
Incident Energy (eV)

37-Rb-85

MAT 3725

Total kinematic kerma (high limit)
Cross Section

37-Rb-85
-92.36 To 6343. %



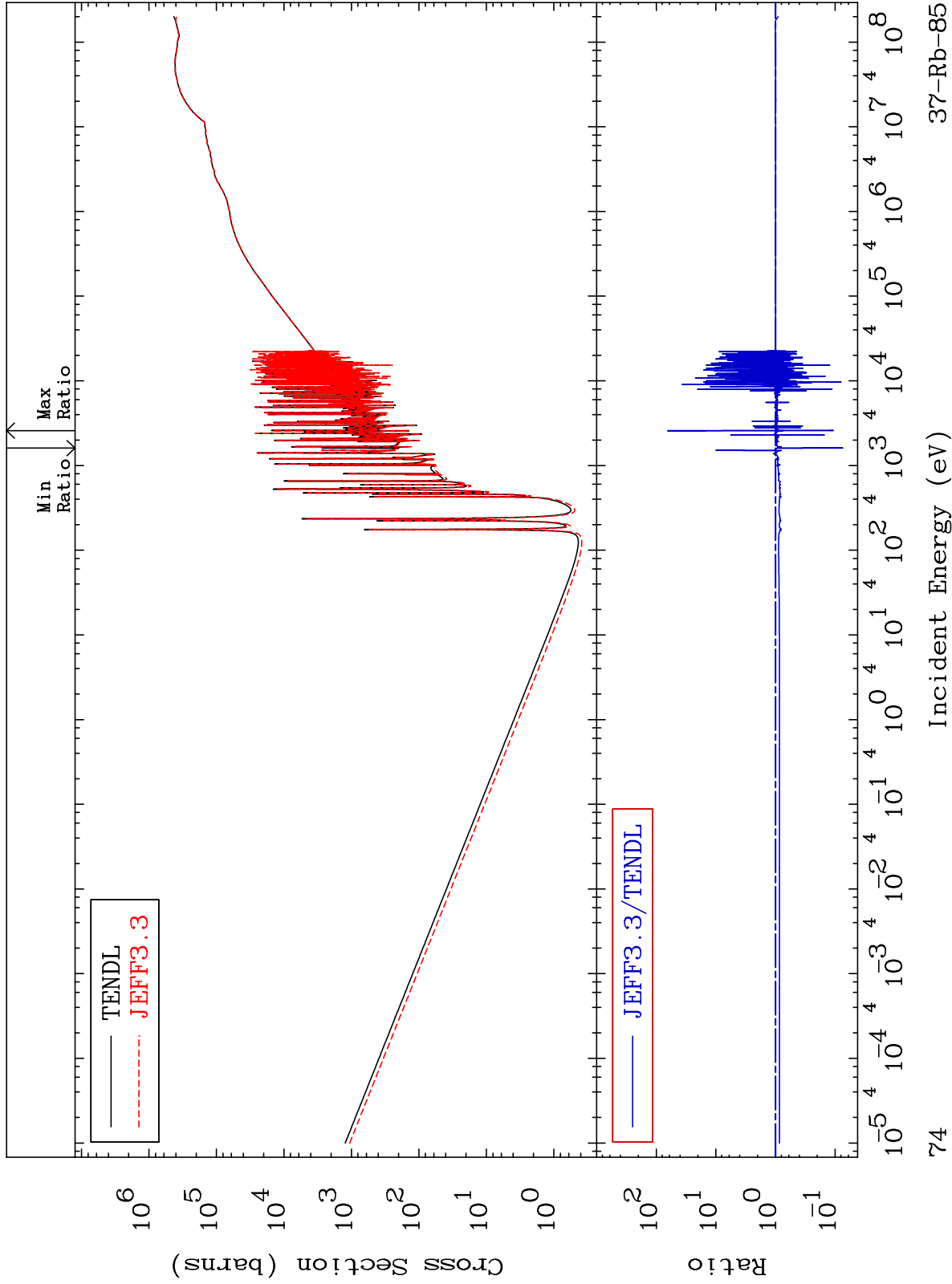
73

37-Rb-85

MAT 3725

Dpa total (eV-barns)
Cross Section

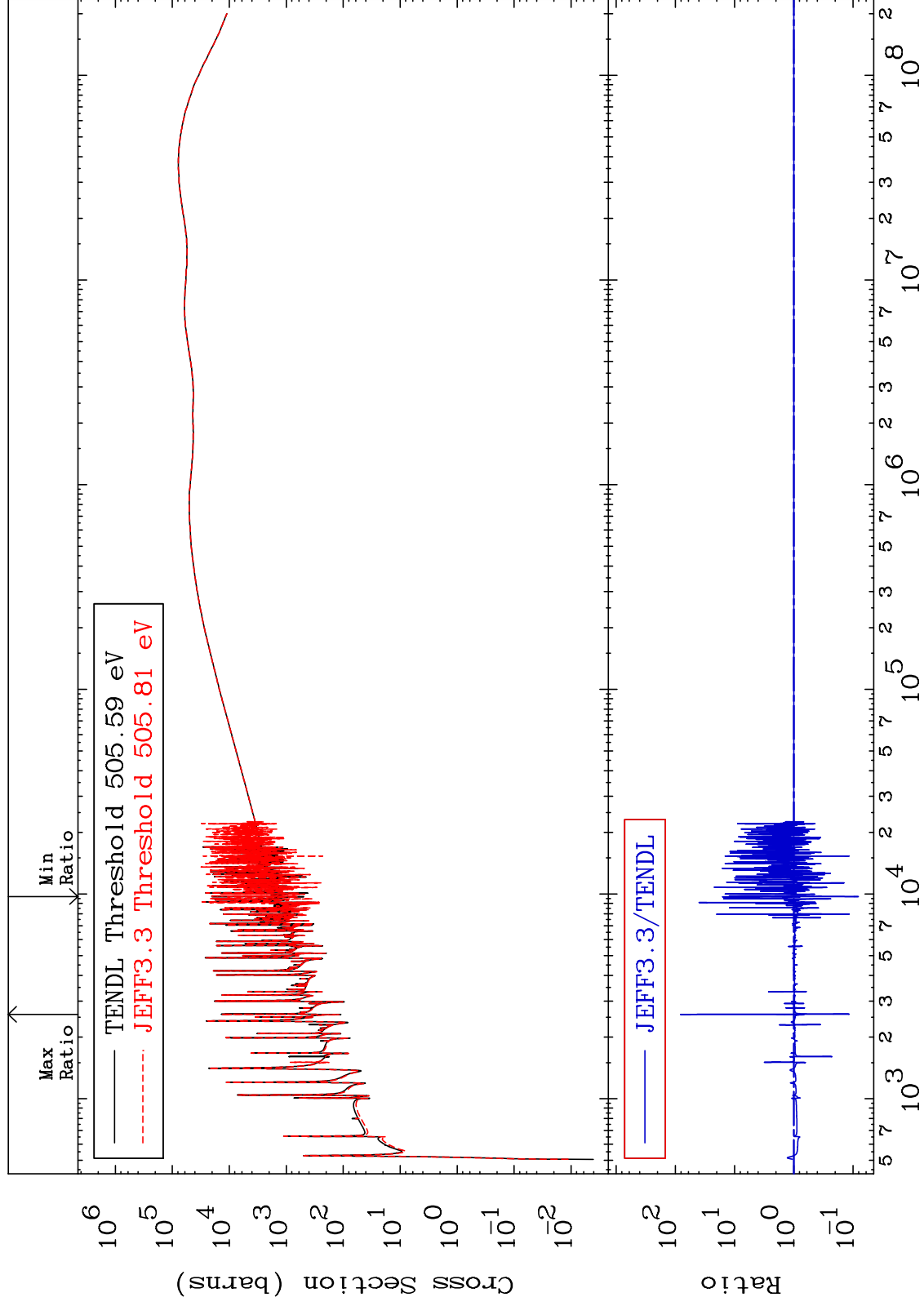
37-Rb-85
-92.51 To 6373. %



MAT 3725

Dpa elastic (mt2)
Cross Section

37-Rb-85
-91.95 To 8100. %



75

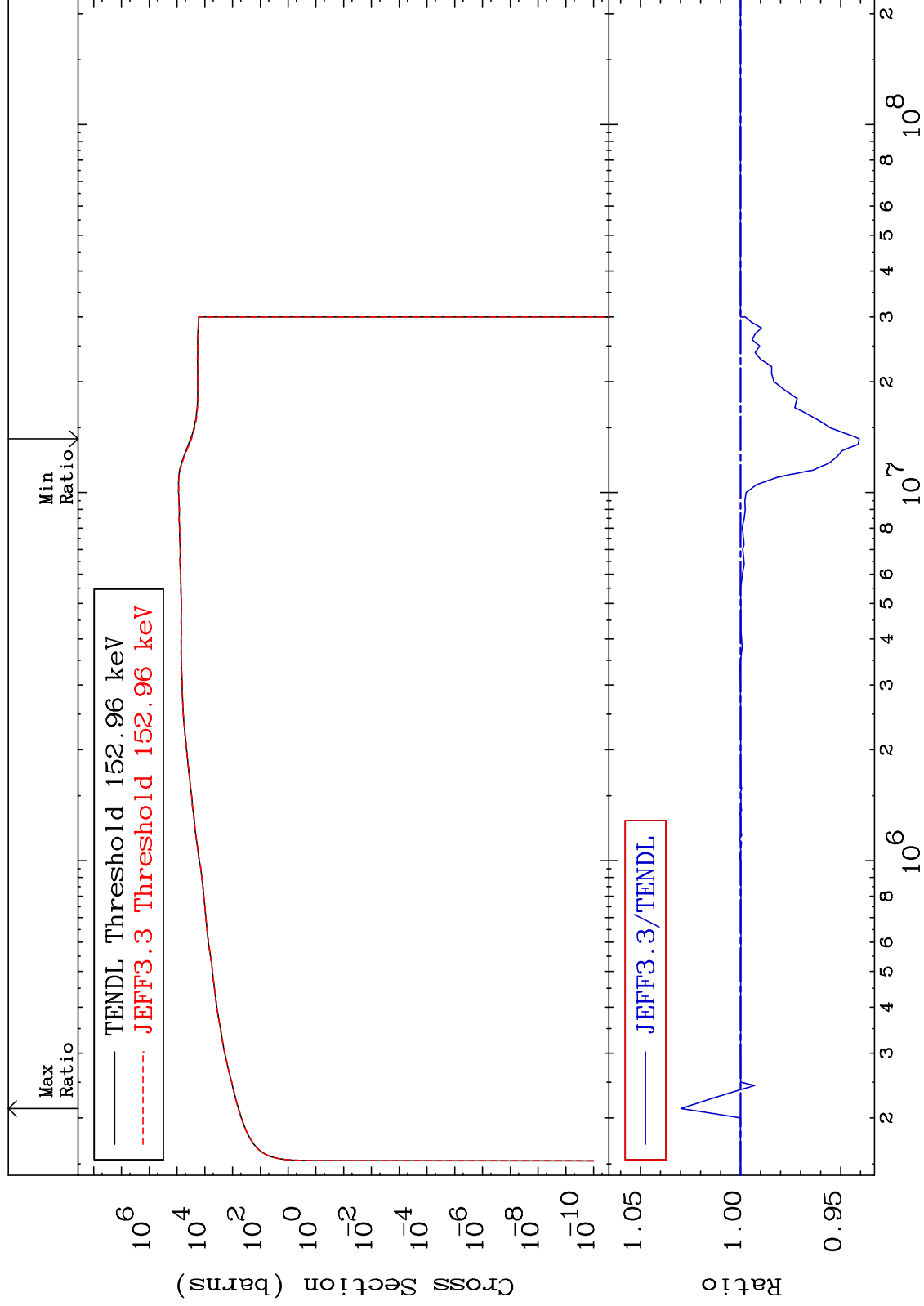
Incident Energy (eV)

37-Rb-85

MAT 3725

Dpa inelastic (mt51-91)
Cross Section

37-Rb-85
-5.933 To 2.975 %



76

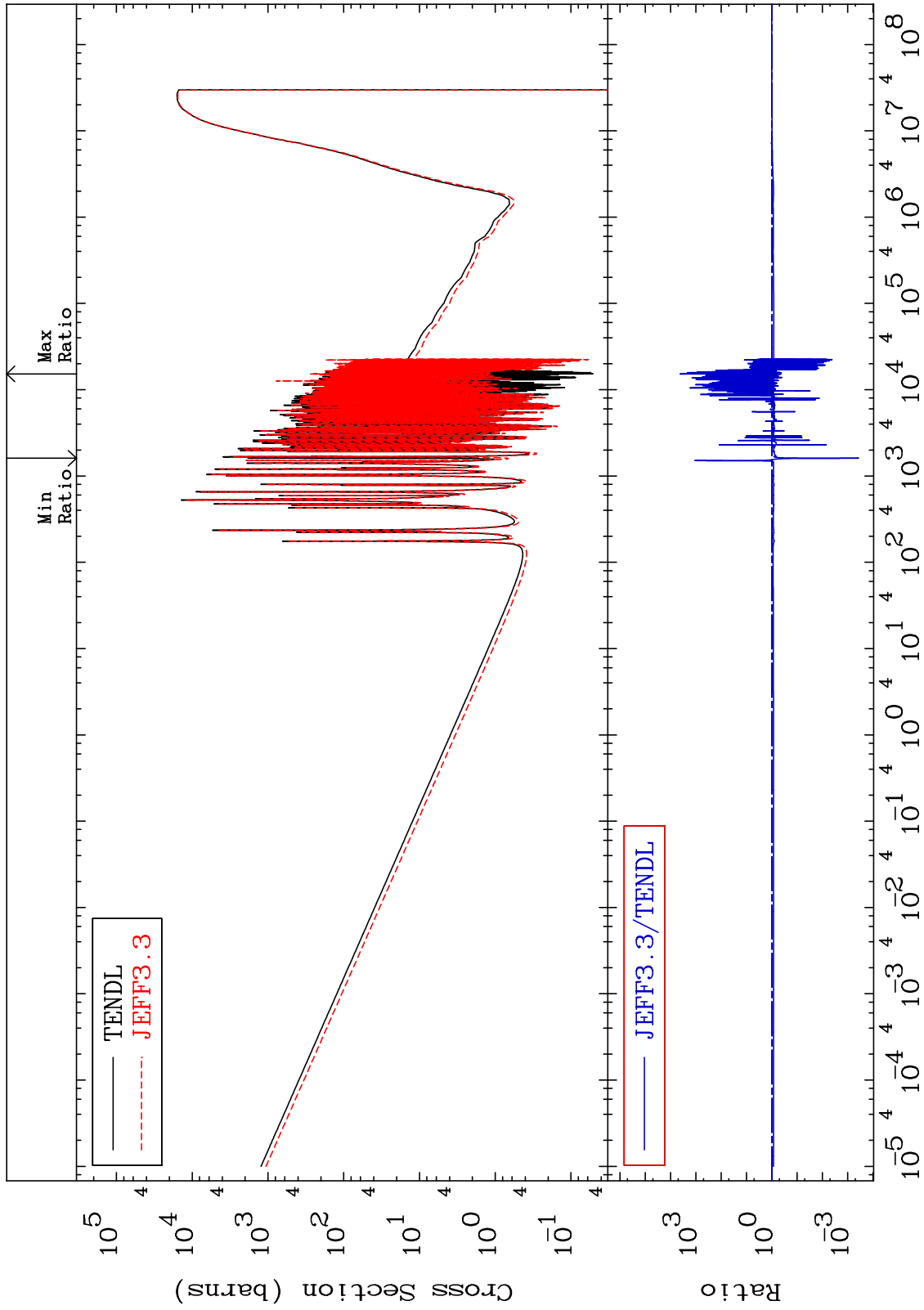
Incident Energy (eV)

37-Rb-85

MAT 3725

Dpa disappearance (mt102 -120)
Cross Section

37-Rb-85
-99.96 To 9999. %



77

Incident Energy (eV)

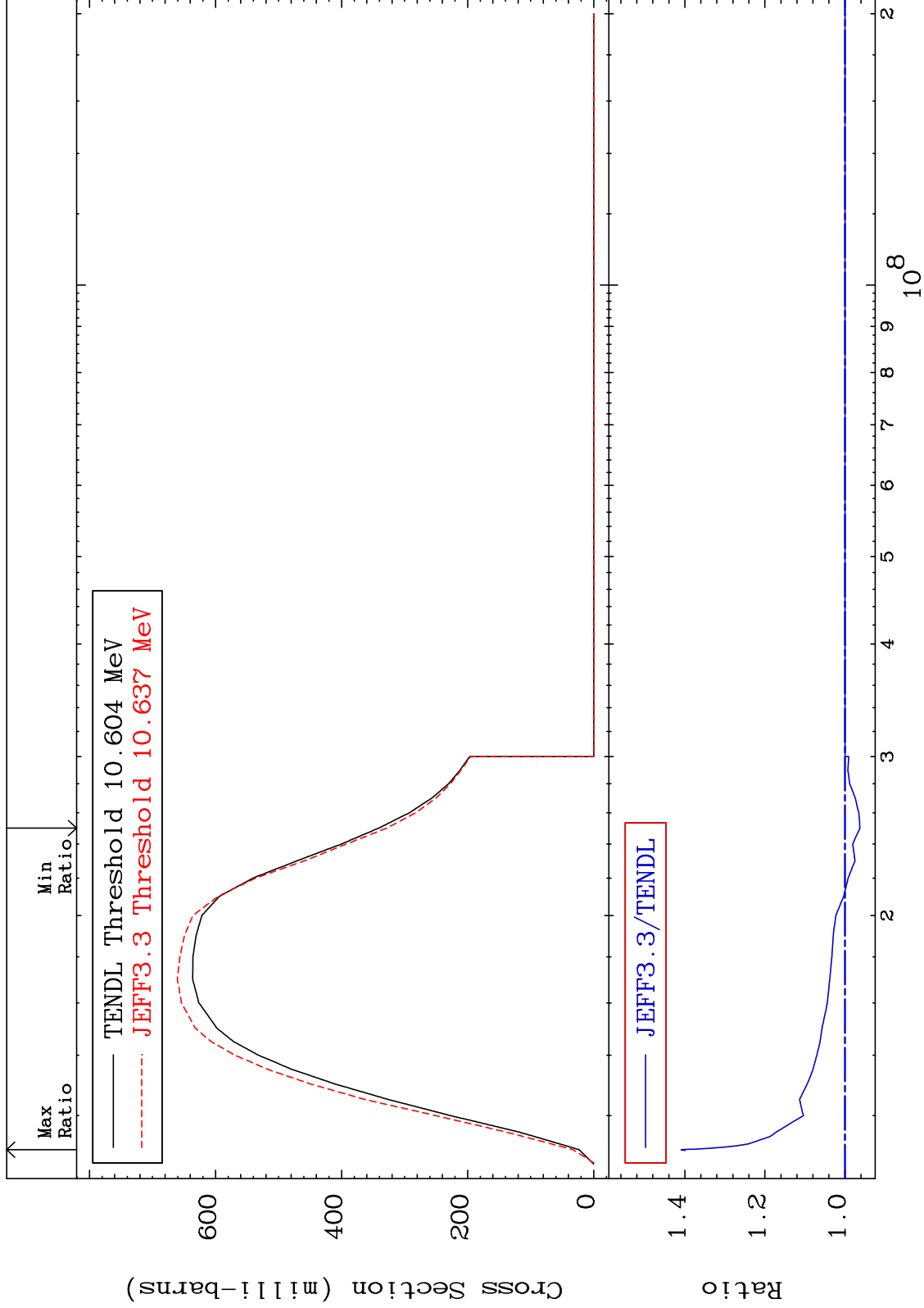
37-Rb-85

MAT 3725

(n,2n):37-Rb-84g

37-Rb-85

Radionuclide Production Cross Section -3.744 To 40.90 %



78

Incident Energy (eV)

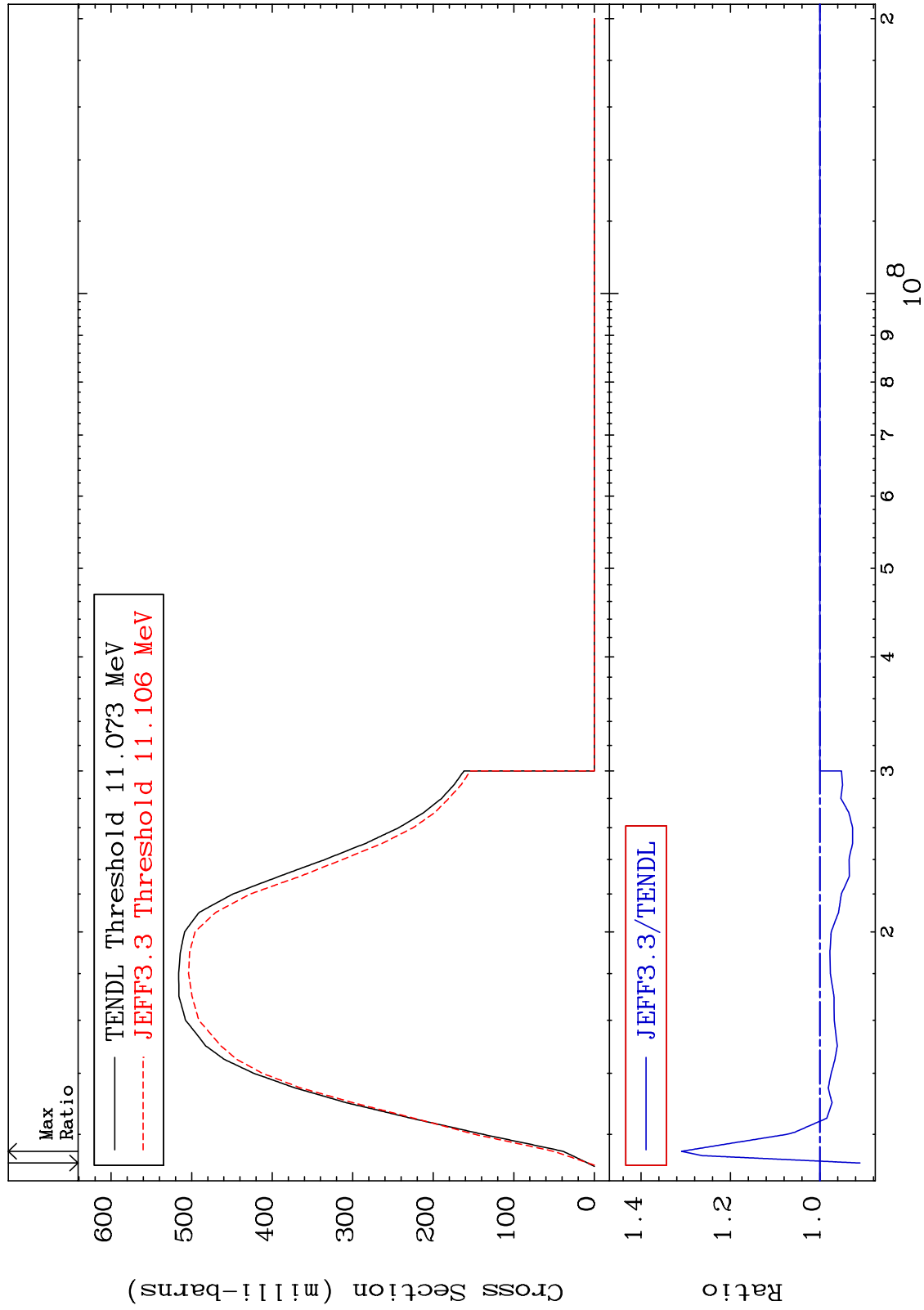
37-Rb-85

MAT 3725

(n,2n):37-Rb-84m2

37-Rb-85

Radionuclide Production Cross Section -9.004 To 30.92 %



79

Incident Energy (eV)

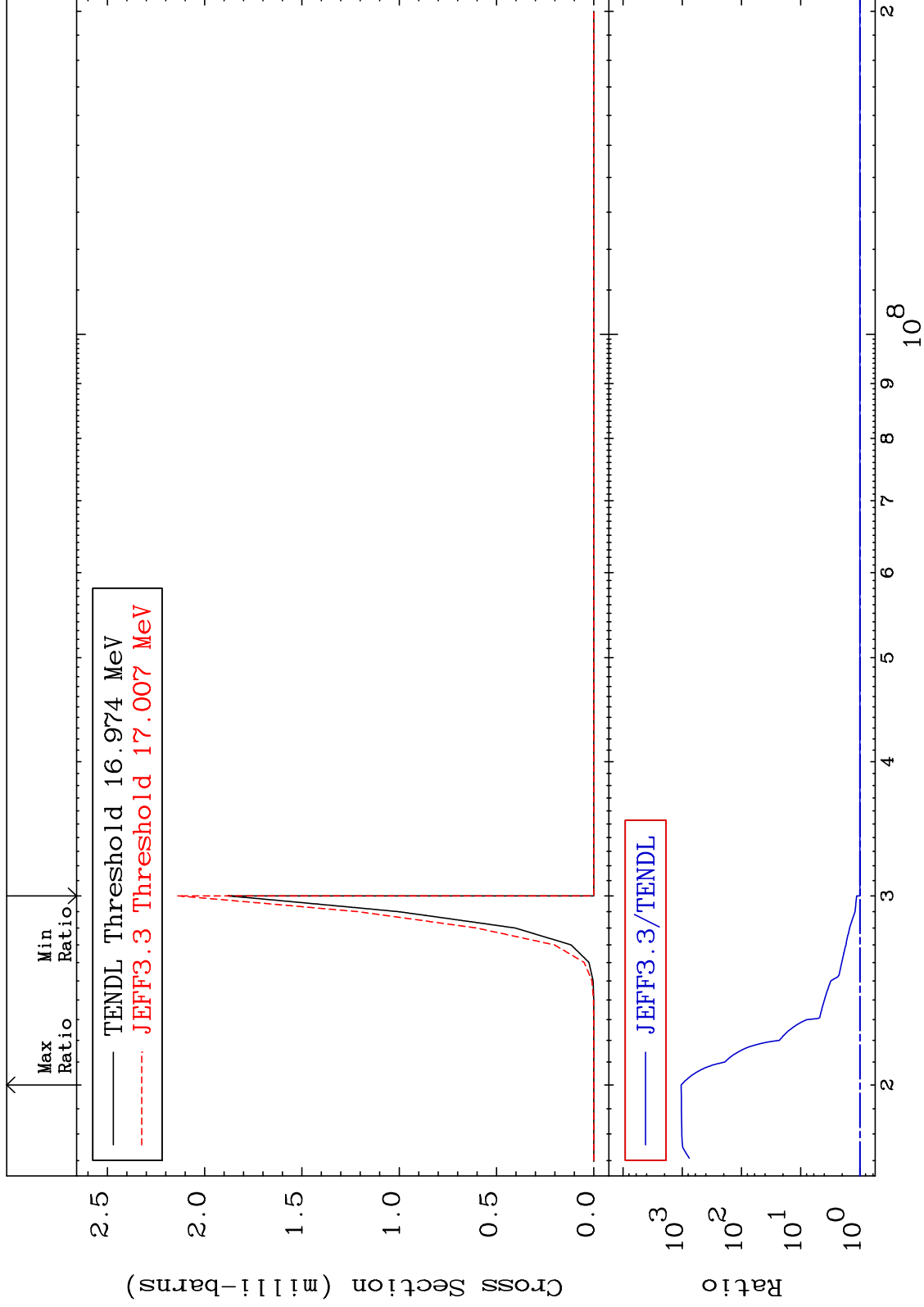
37-Rb-85

MAT 3725

(n,2n) α :35-Br-80g

37-Rb-85

Radionuclide Production Cross Section 0.000 To 9999. %

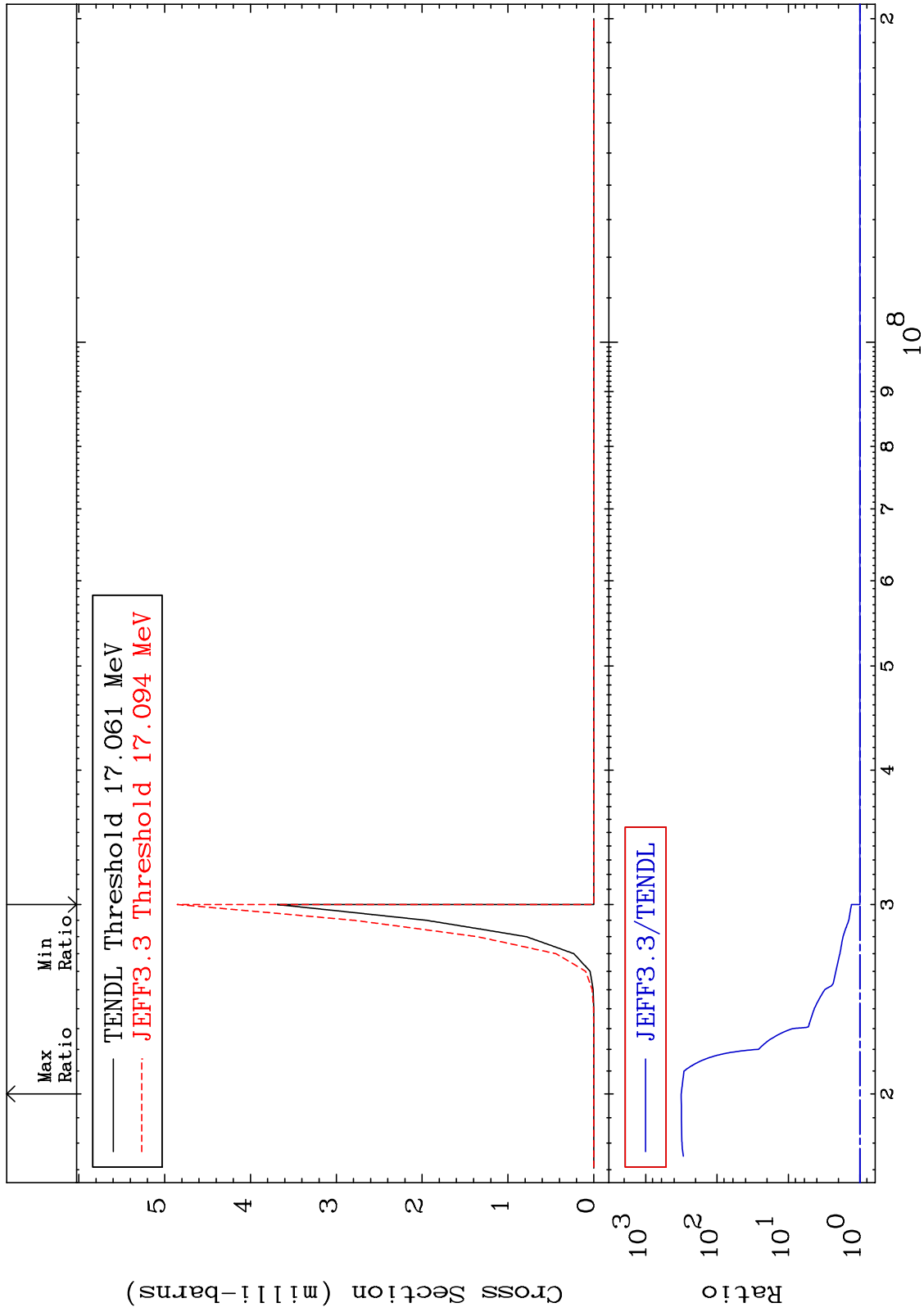


MAT 3725

(n,2n) α :35-Br-80m2

37-Rb-85

Radionuclide Production Cross Section 0.000 To 9999. %

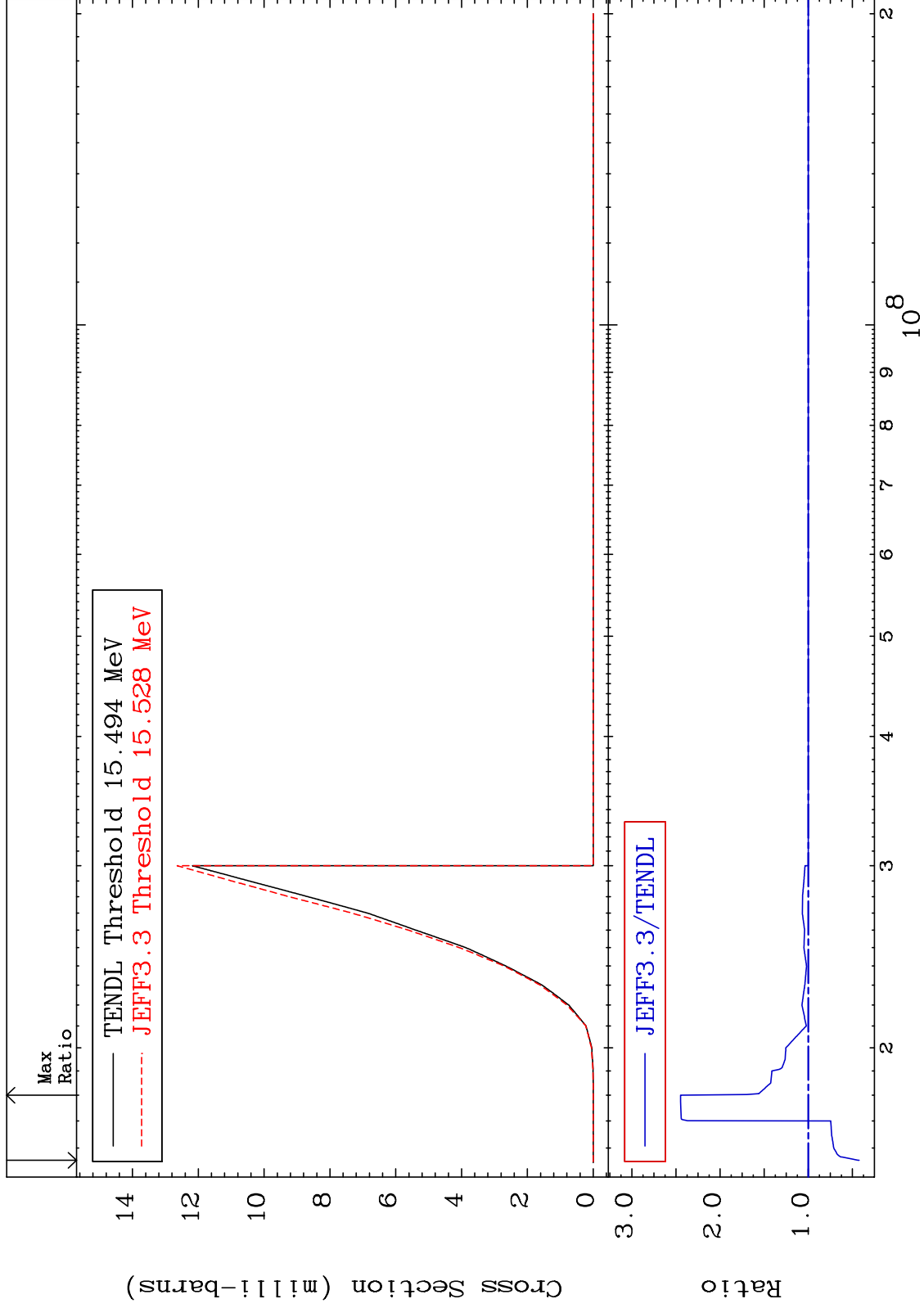


MAT 3725

(n, n') d:36-Kr-83g

37-Rb-85

Radionuclide Production Cross Section -57.66 To 144.8 %



82

Incident Energy (eV)

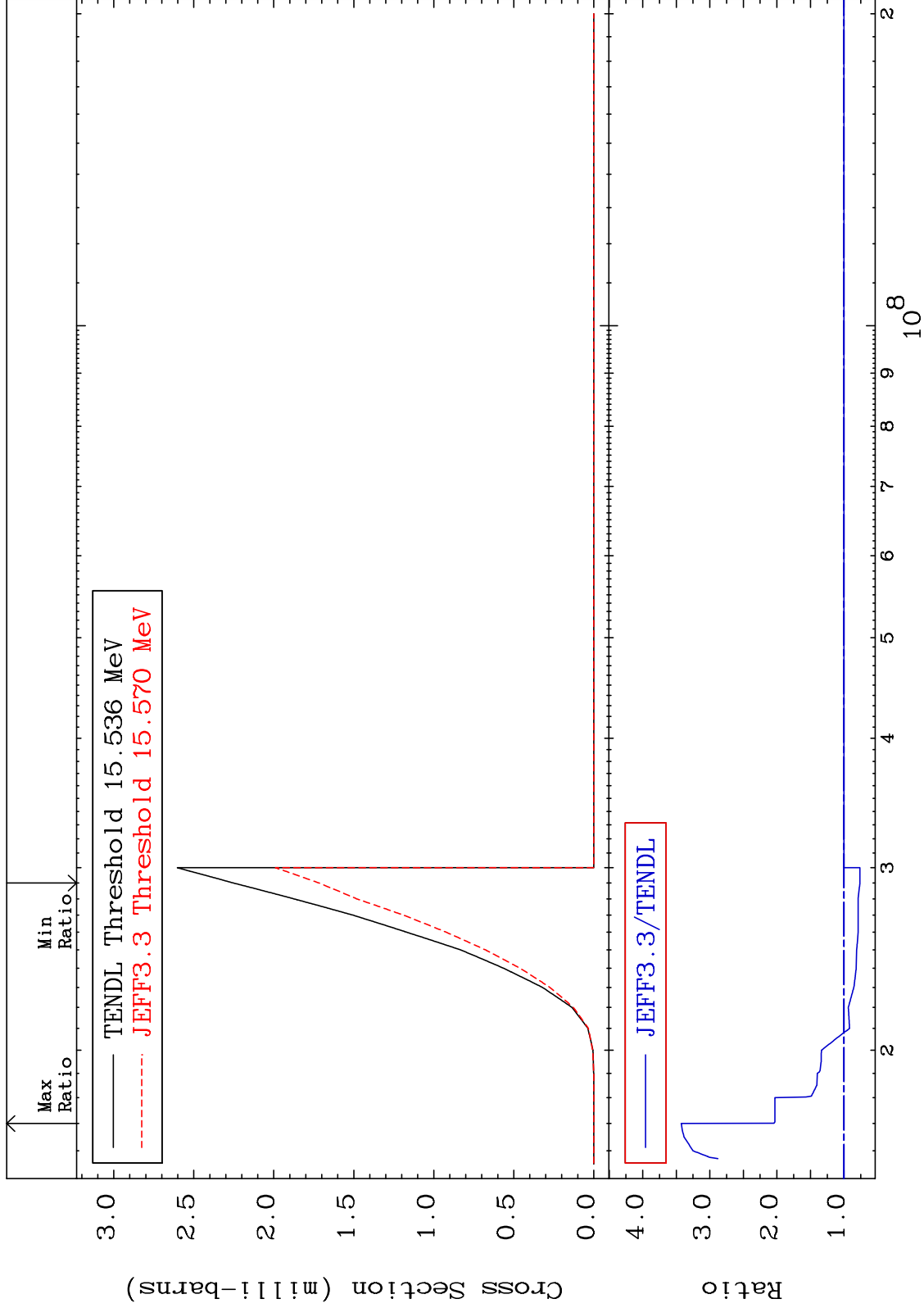
37-Rb-85

MAT 3725

(n, n') d:36-Kr-83m2

37-Rb-85

Radionuclide Production Cross Section -23.75 To 242.6 %

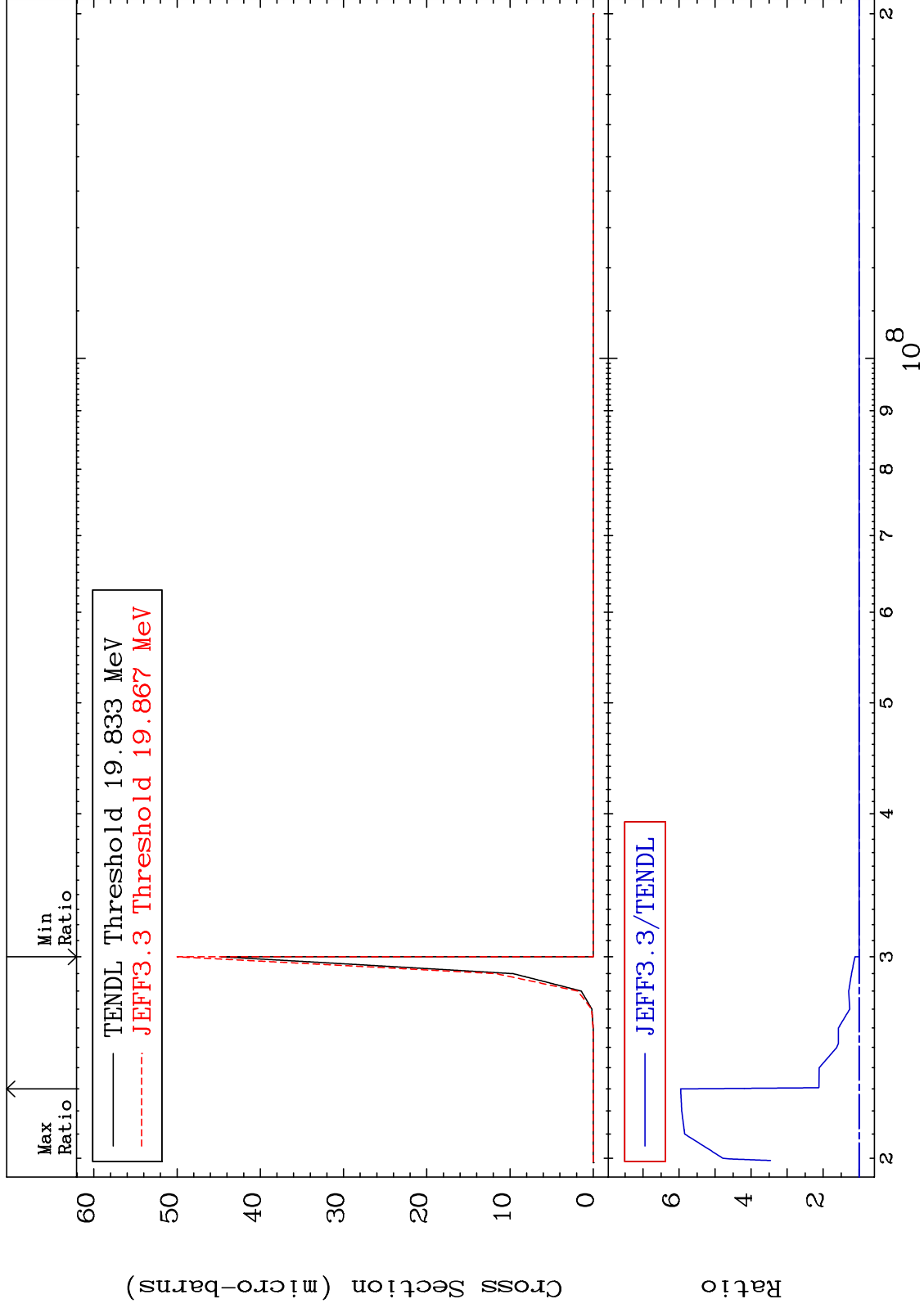


MAT 3725

(n, n') He-3:35-Br-82g

37-Rb-85

Radionuclide Production Cross Section 0.000 To 495.8 %

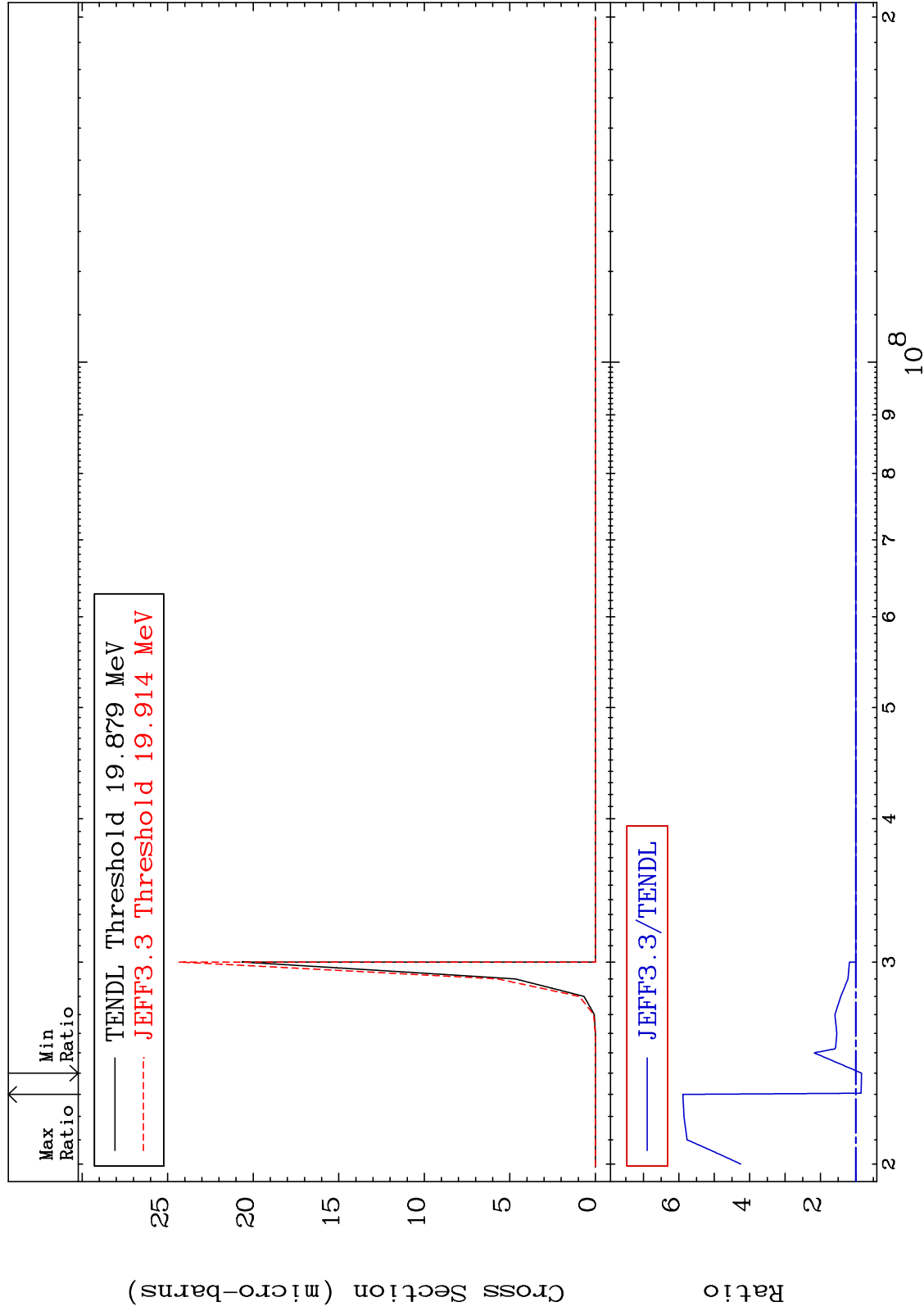


MAT 3725

(n, n') He-3:35-Br-82m1

37-Rb-85

Radionuclide Production Cross Section -16.49 To 488.5 %

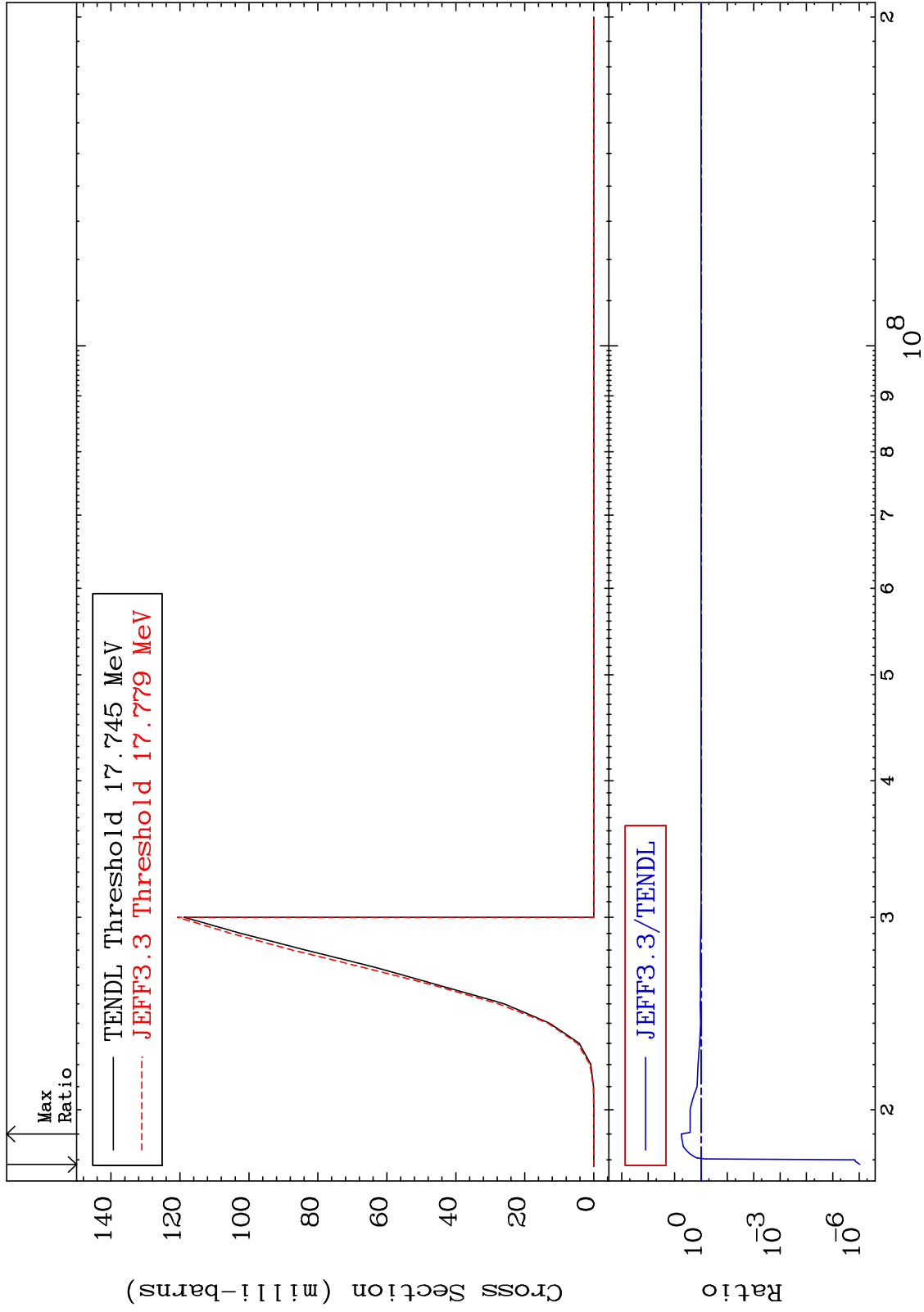


85

Incident Energy (eV)

37-Rb-85

Radionuclide Production Cross Section -100.0 To 459.4 %

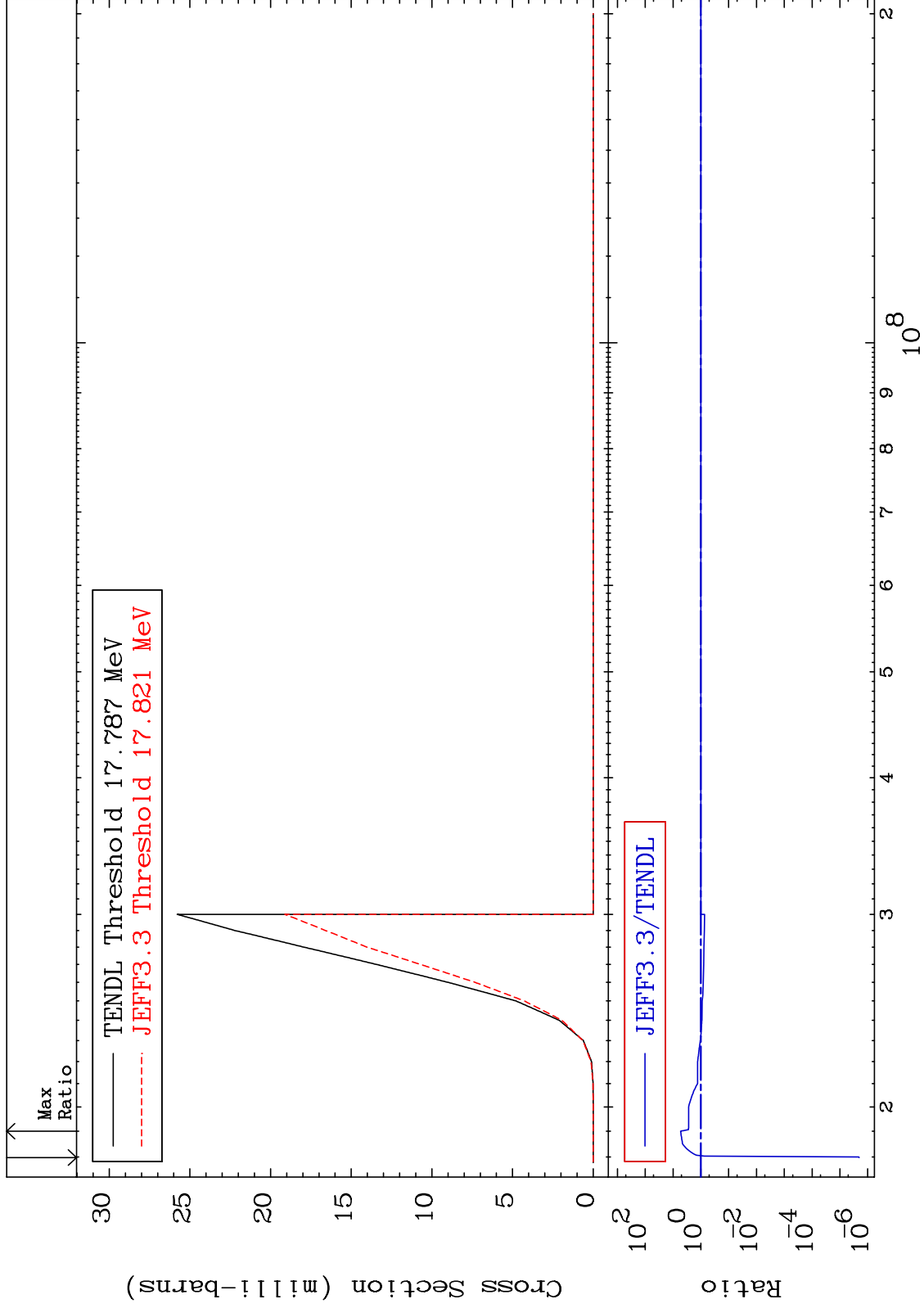


MAT 3725

(n,2n) p:36-Kr-83m2

37-Rb-85

Radionuclide Production Cross Section -100.0 To 433.6 %

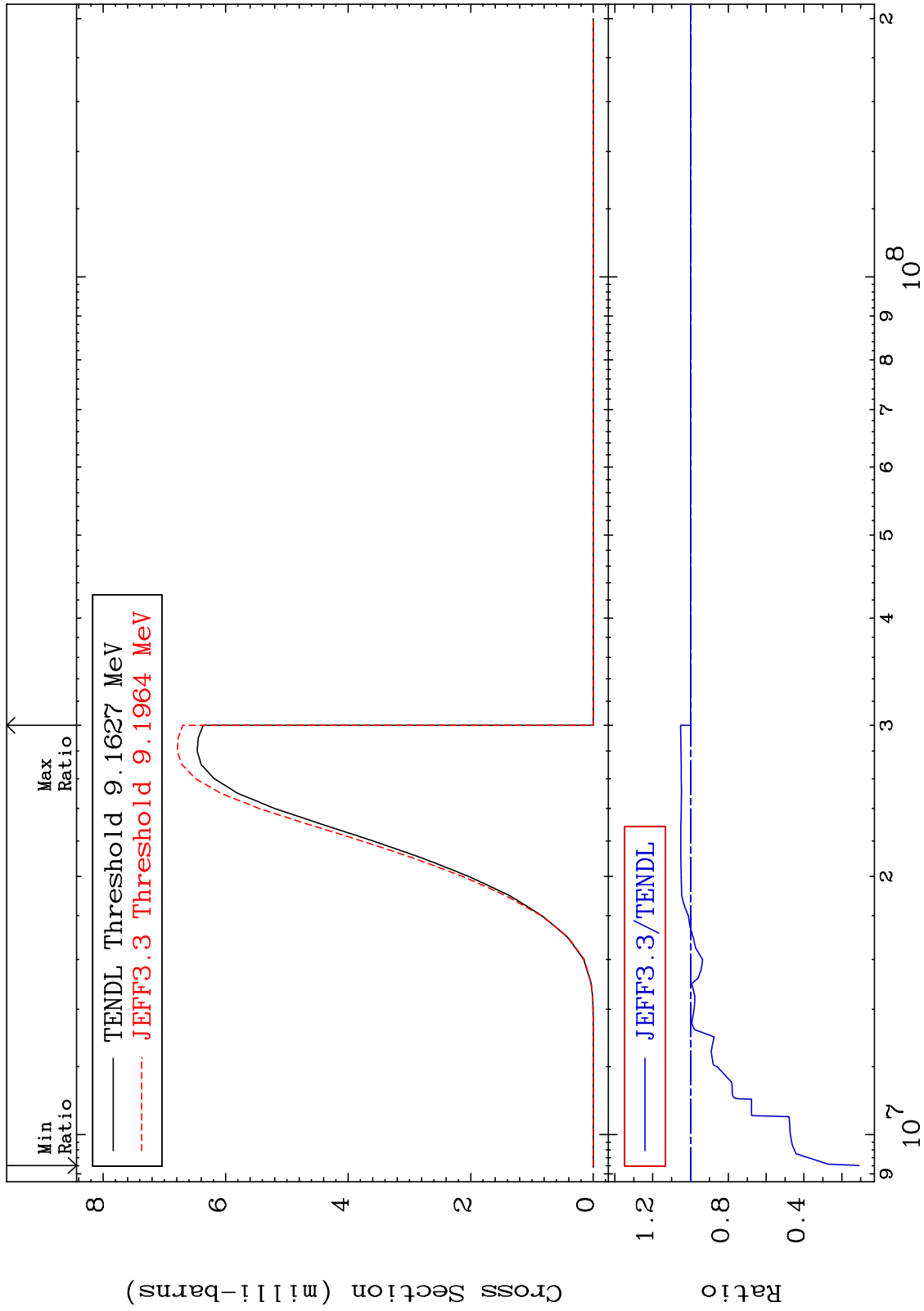


MAT 3725

(n, t) : 36-Kr-83g

37-Rb-85

Radionuclide Production Cross Section -89.17 To 5.230 %

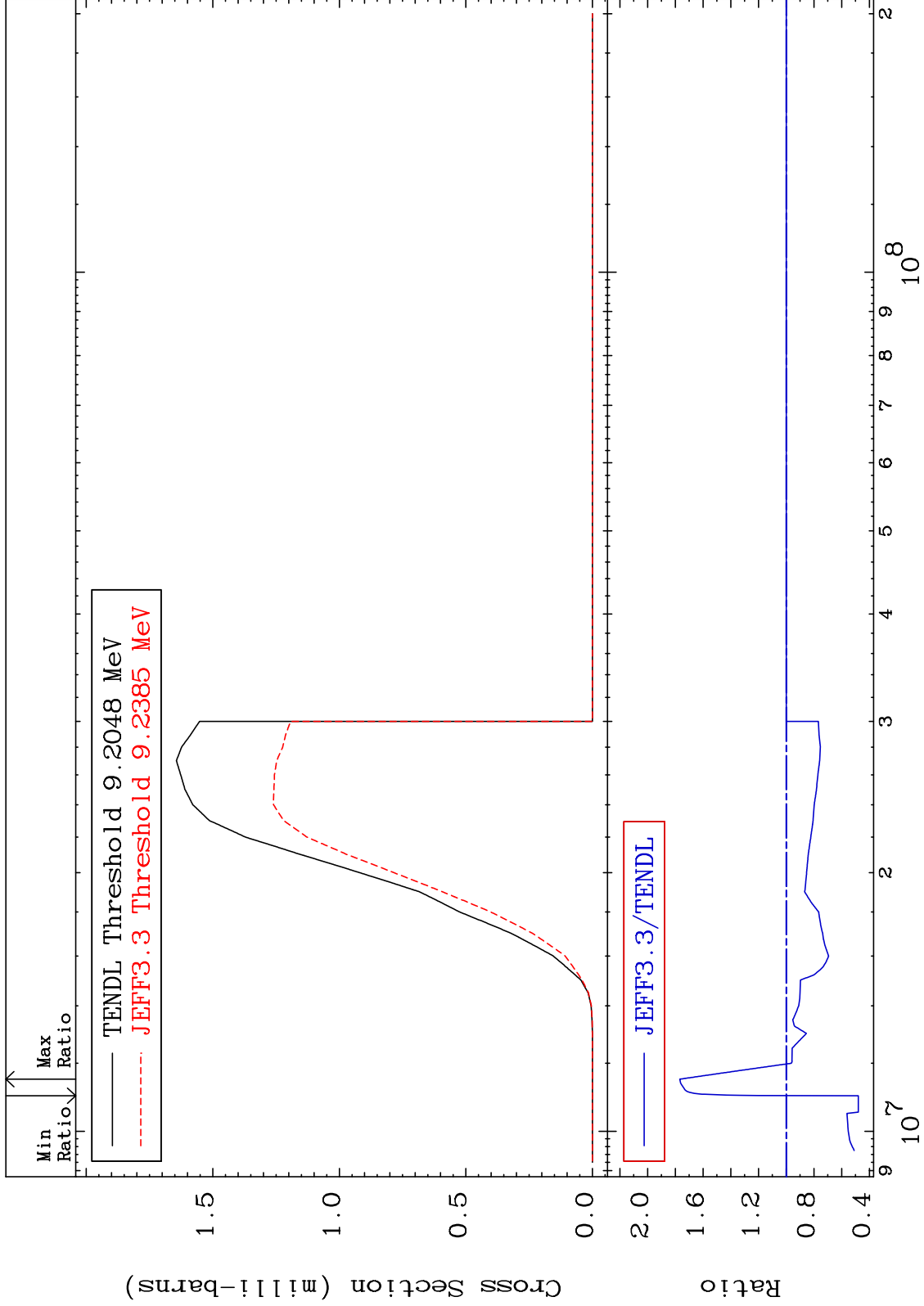


MAT 3725

(n, t): 36-Kr-83m2

37-Rb-85

Radionuclide Production Cross Section -52.02 To 76.77 %



89

Incident Energy (eV)

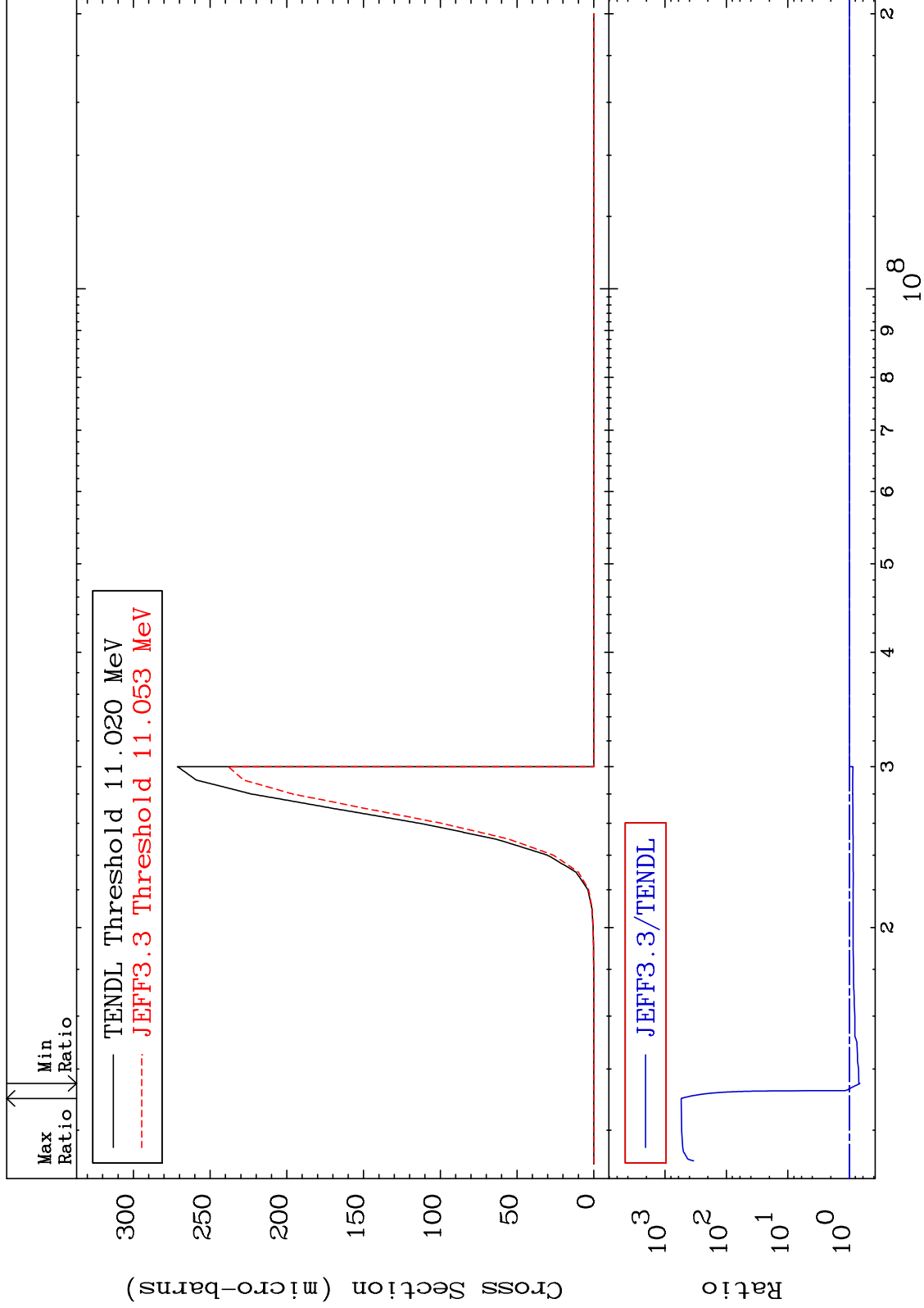
37-Rb-85

MAT 3725

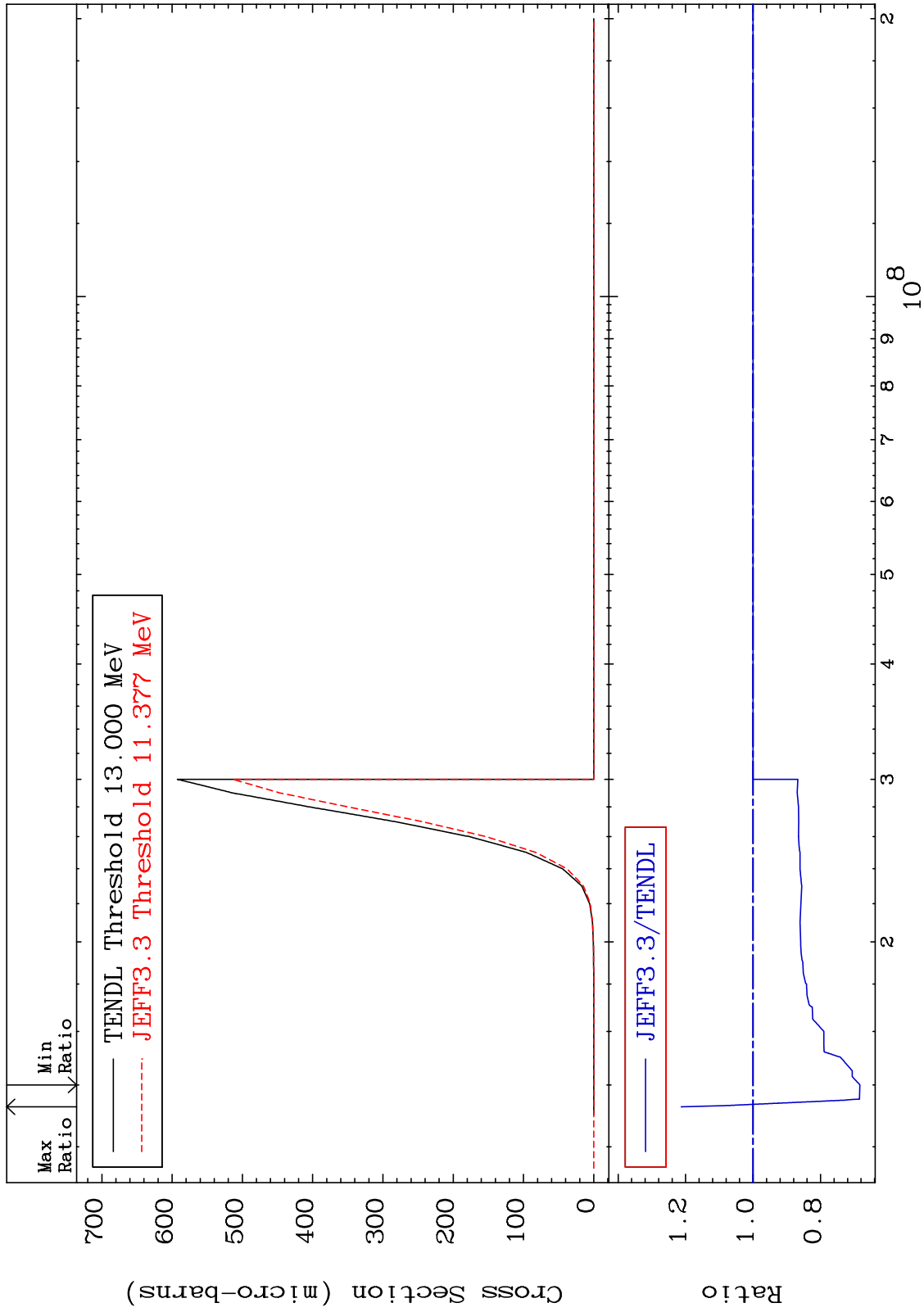
(n,2p):35-Br-84g

37-Rb-85

Radionuclide Production Cross Section -32.71 To 9999. %



Radionuclide Production Cross Section -31.67 To 21.30 %

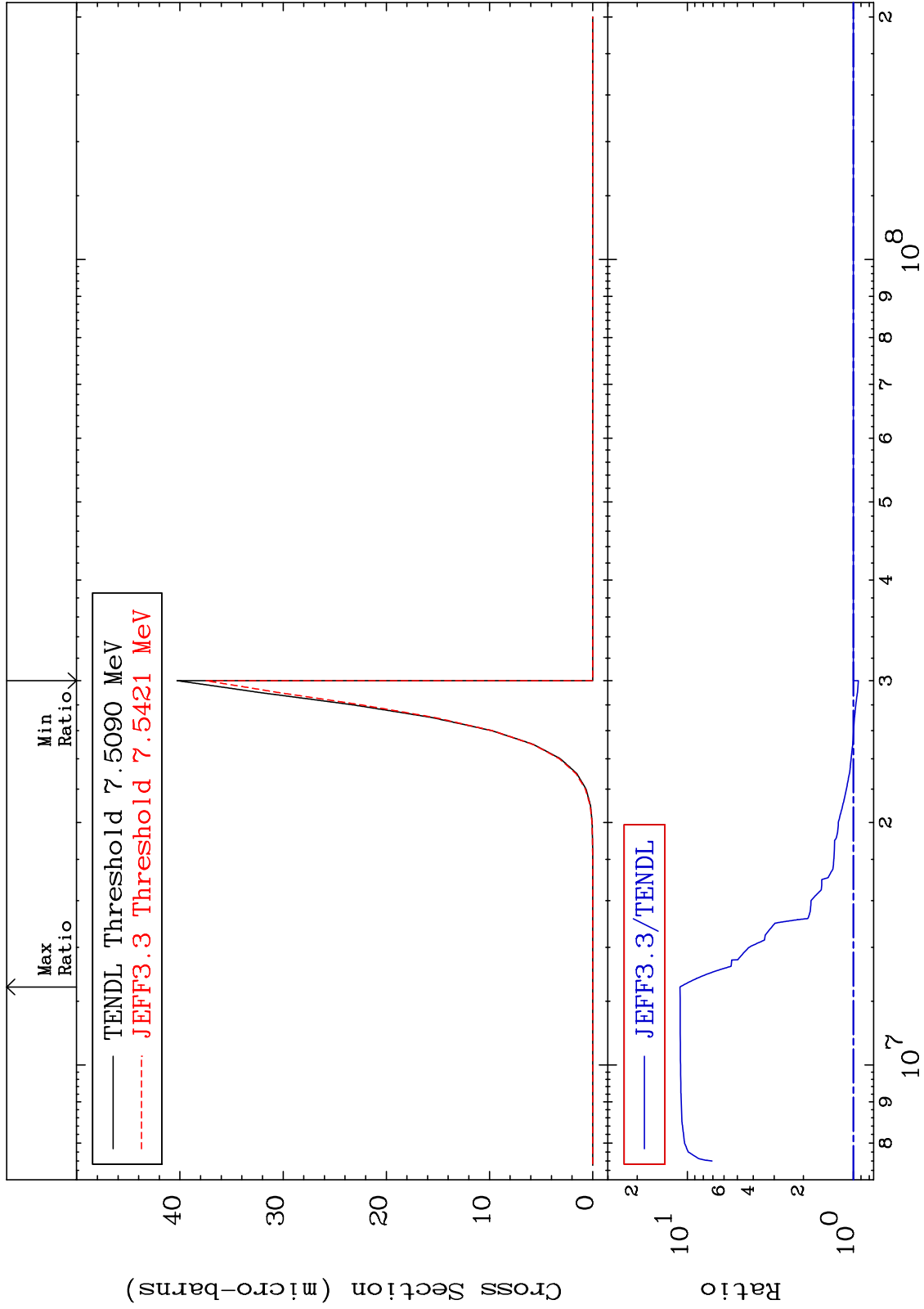


MAT 3725

(n, p) α :34-Se-81g

37-Rb-85

Radionuclide Production Cross Section -6.864 To 1006. %



92

Incident Energy (eV)

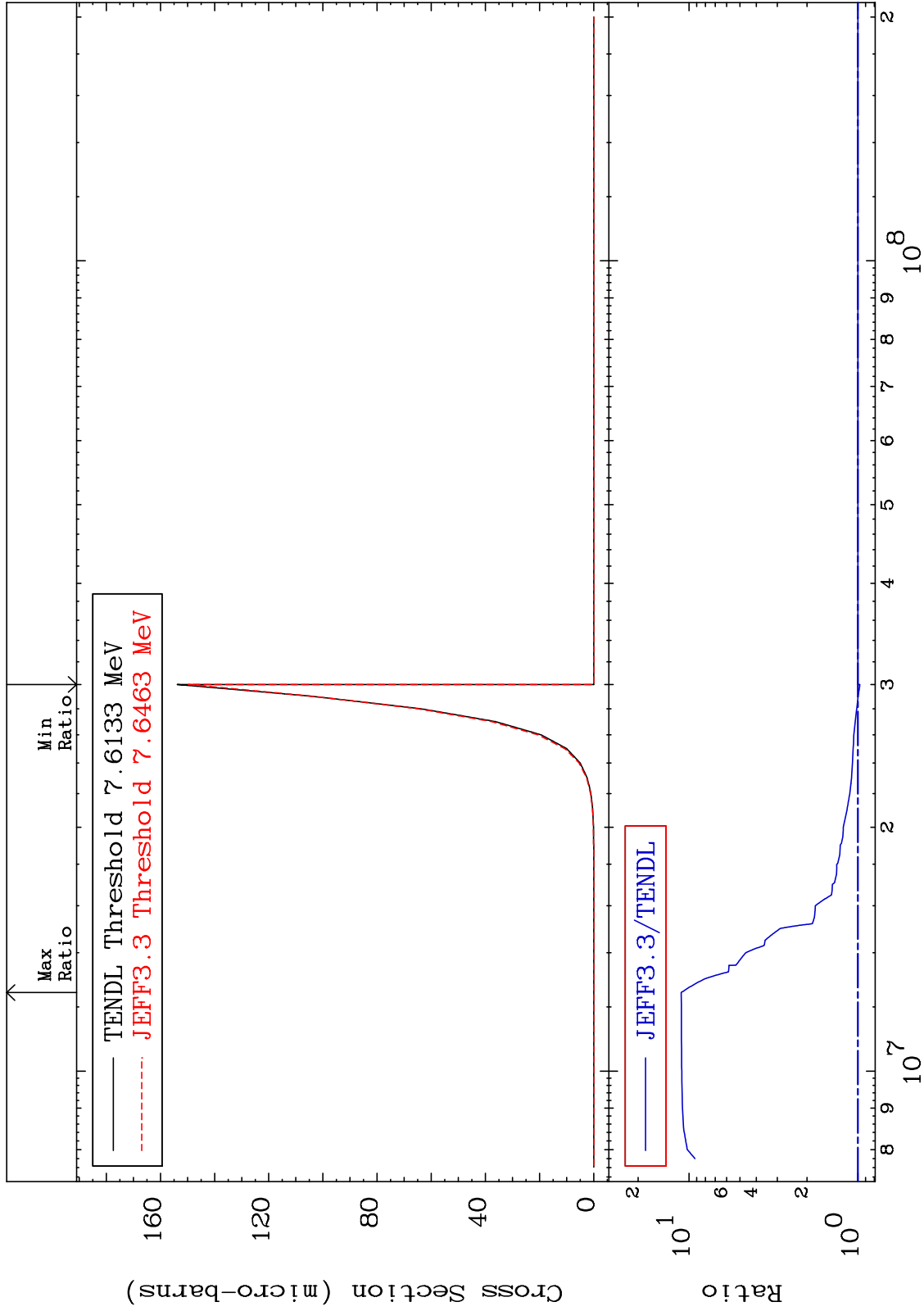
37-Rb-85

MAT 3725

(n, p) α :34-Se-81m1

37-Rb-85

Radionuclide Production Cross Section -2.688 To 1012. %



93

Incident Energy (eV)

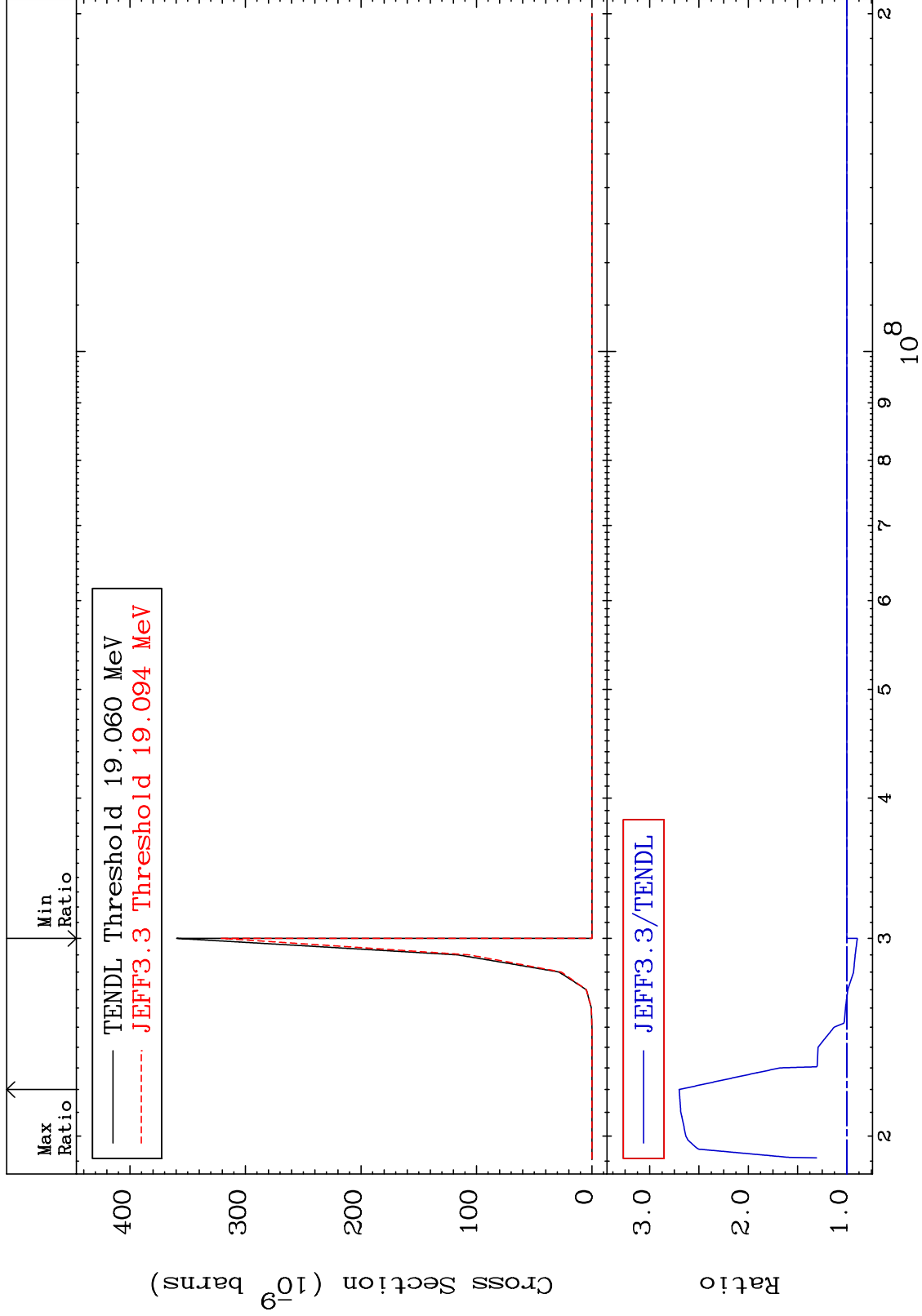
37-Rb-85

MAT 3725

(n, p) t:35-Br-82g

37-Rb-85

Radionuclide Production Cross Section -10.70 To 170.2 %



MAT 3725

(n, p) t: 35-Br-82m1

37-Rb-85

Radionuclide Production Cross Section -5.107 To 75.24 %

