

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

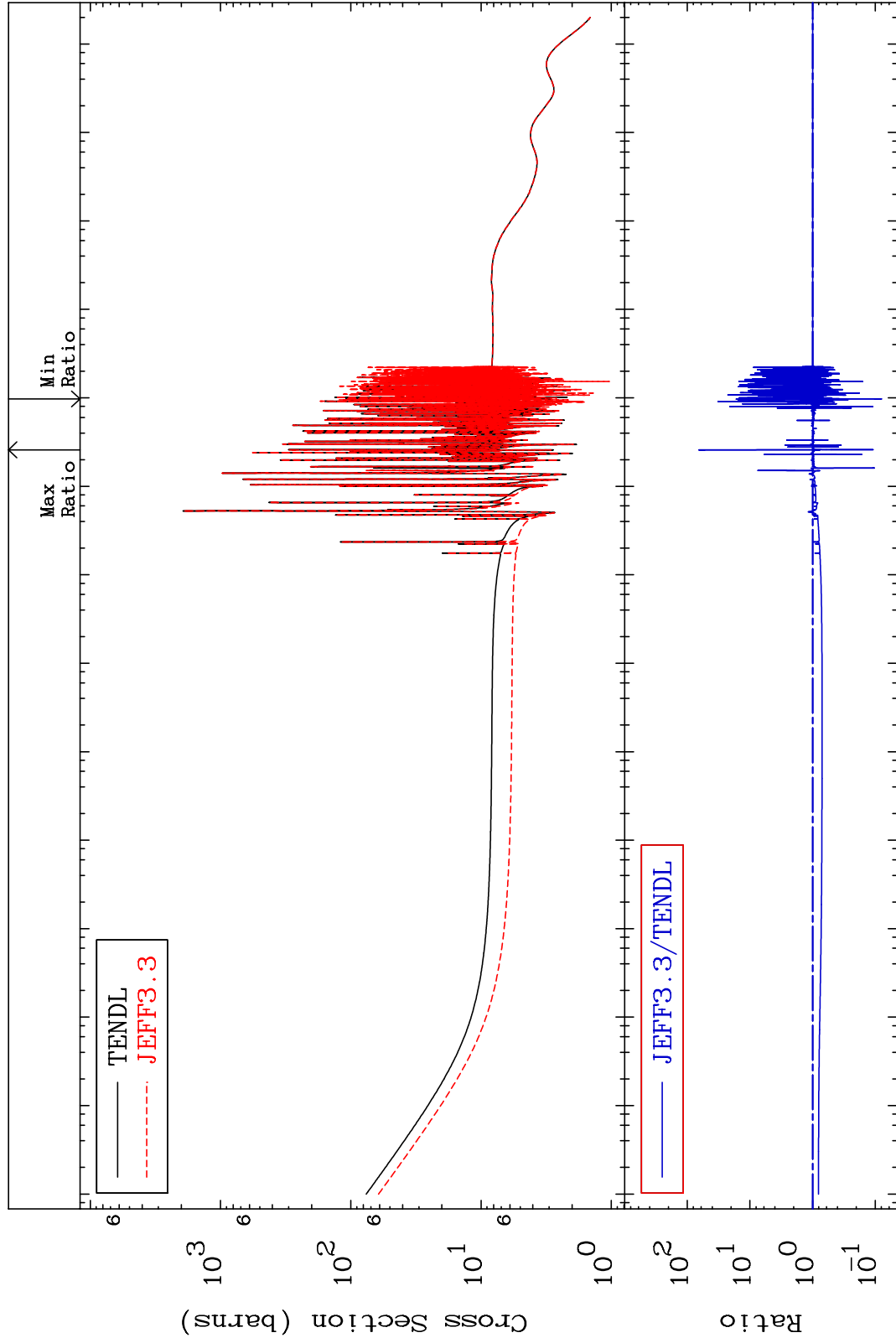
MAT 3725

Total

37-Rb-85

Cross Section

-92.09 To 6474. %



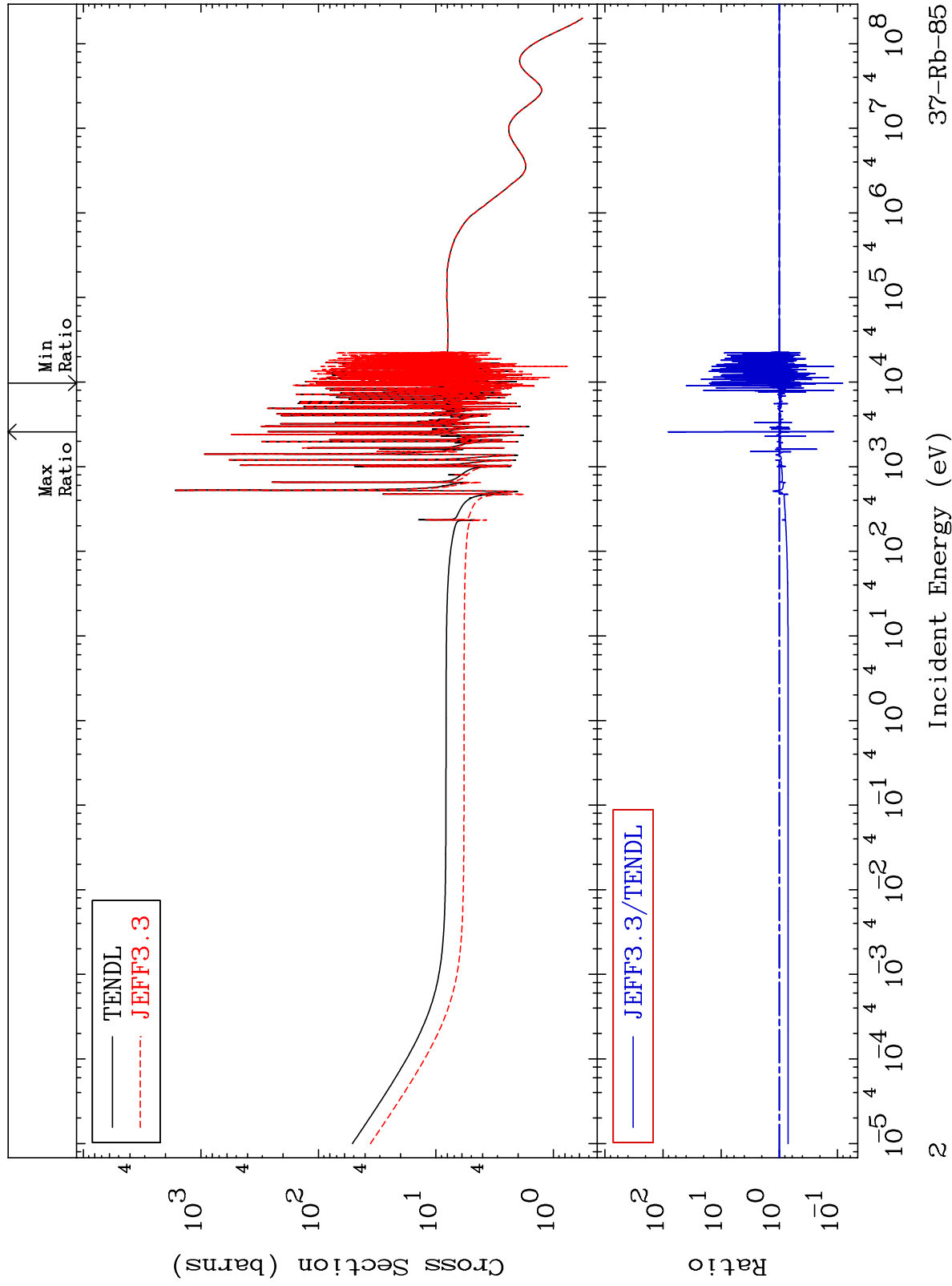
Incident Energy (eV)

37-Rb-85

MAT 3725

Elastic
Cross Section

37-Rb-85
-91.95 To 8100. %



37-Rb-85

2

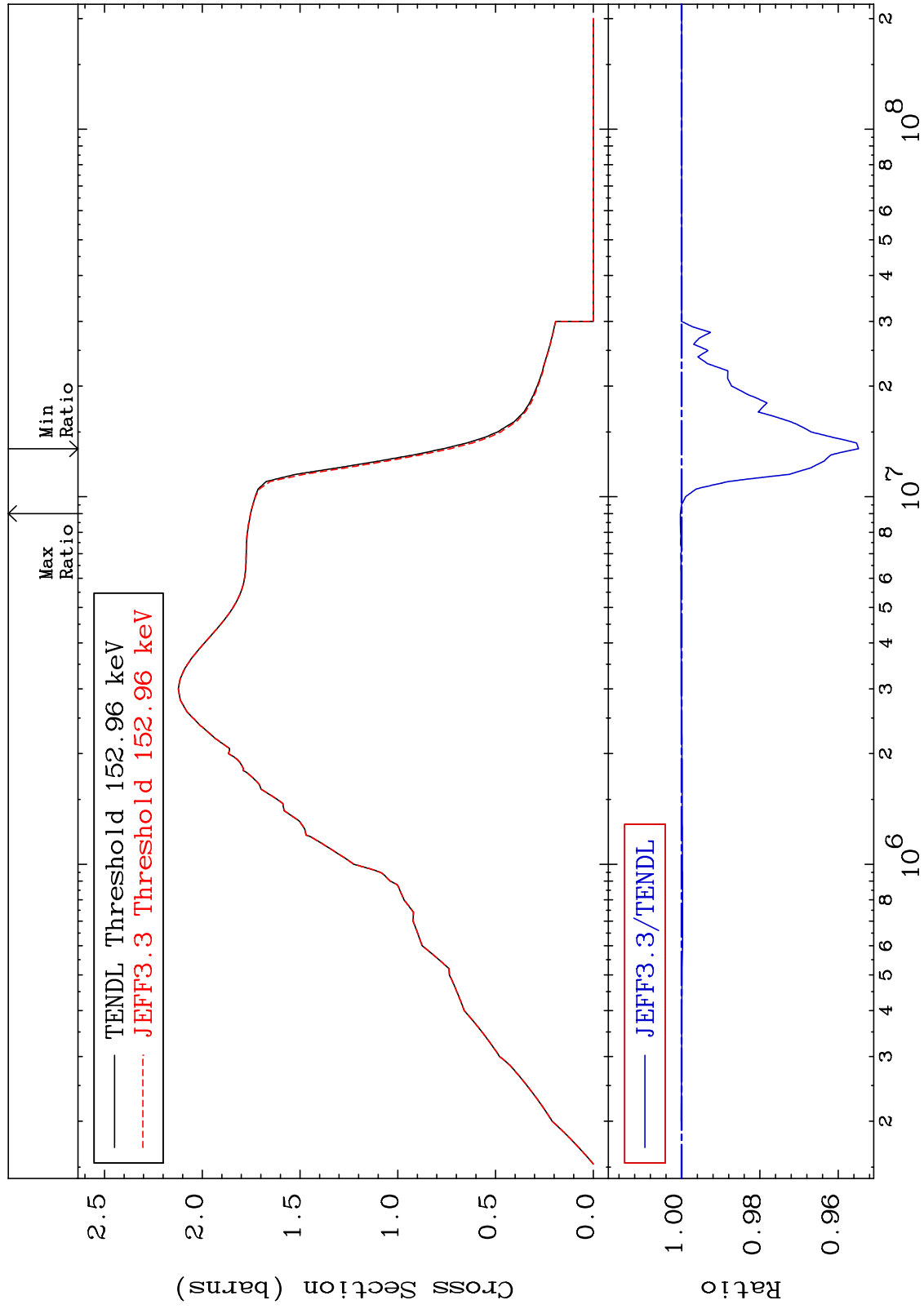
MAT 3725

Inelastic

37-Rb-85

Cross Section

-4.517 To 0.030 %



Incident Energy (eV)

37-Rb-85

MAT 3725

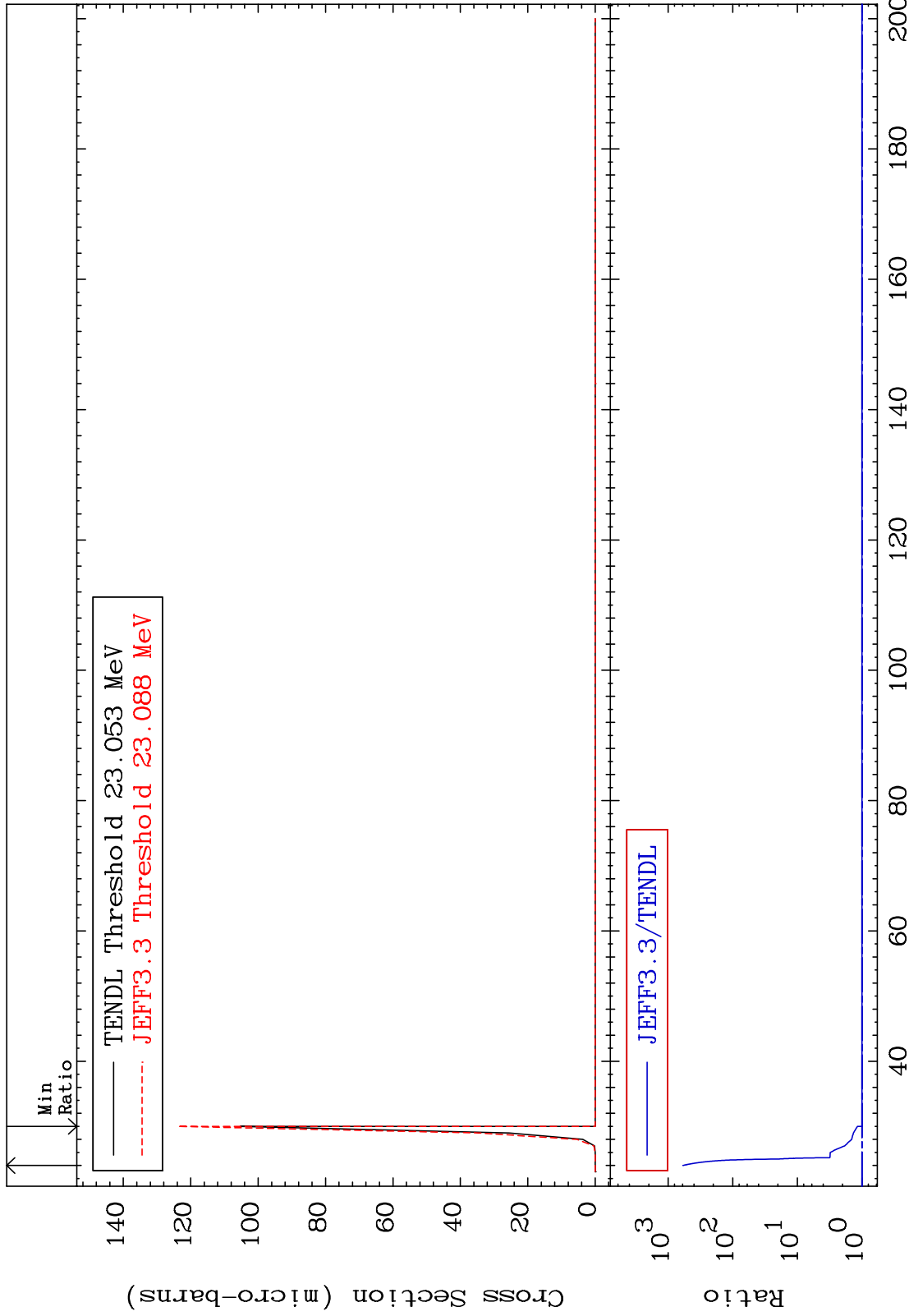
(n,2n) d

³⁷Rb-85

Cross Section

0.000

To 9999. %



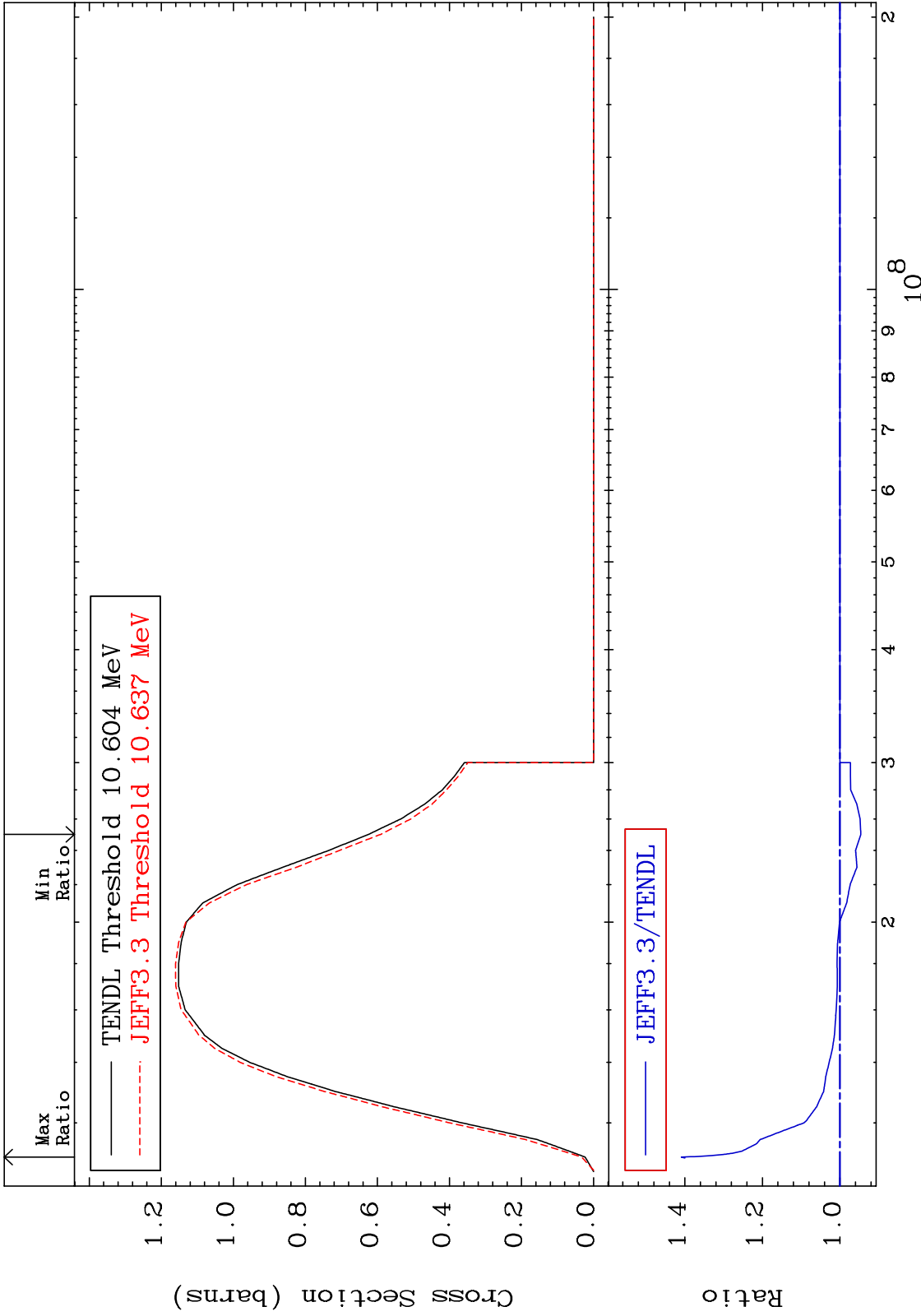
MAT 3725

(n,2n)

37-Rb-85

Cross Section

-5.369 To 40.90 %



MAT 3725

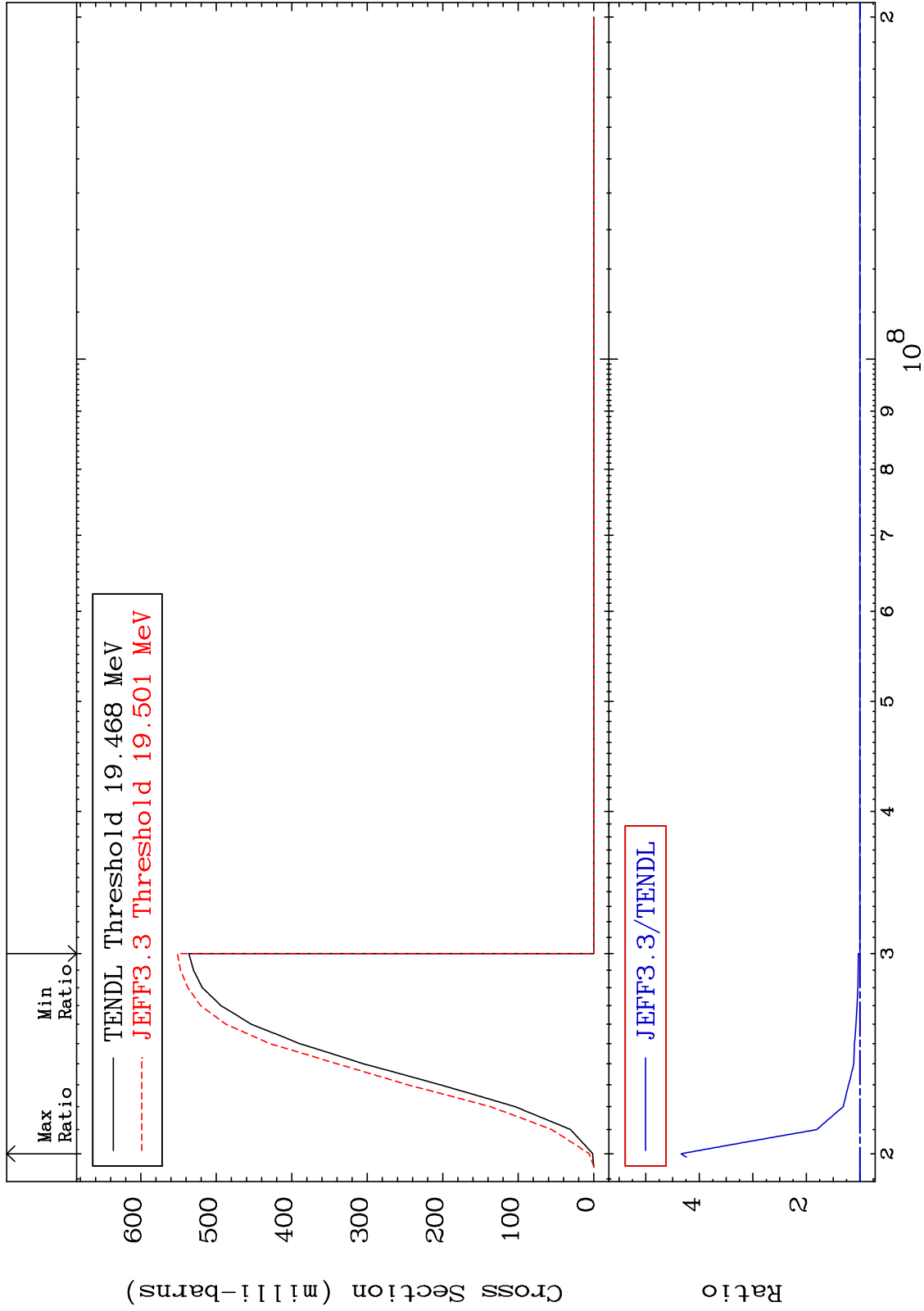
(n, 3n)

³⁷Rb-85

Cross Section

0.000

To 333.9 %

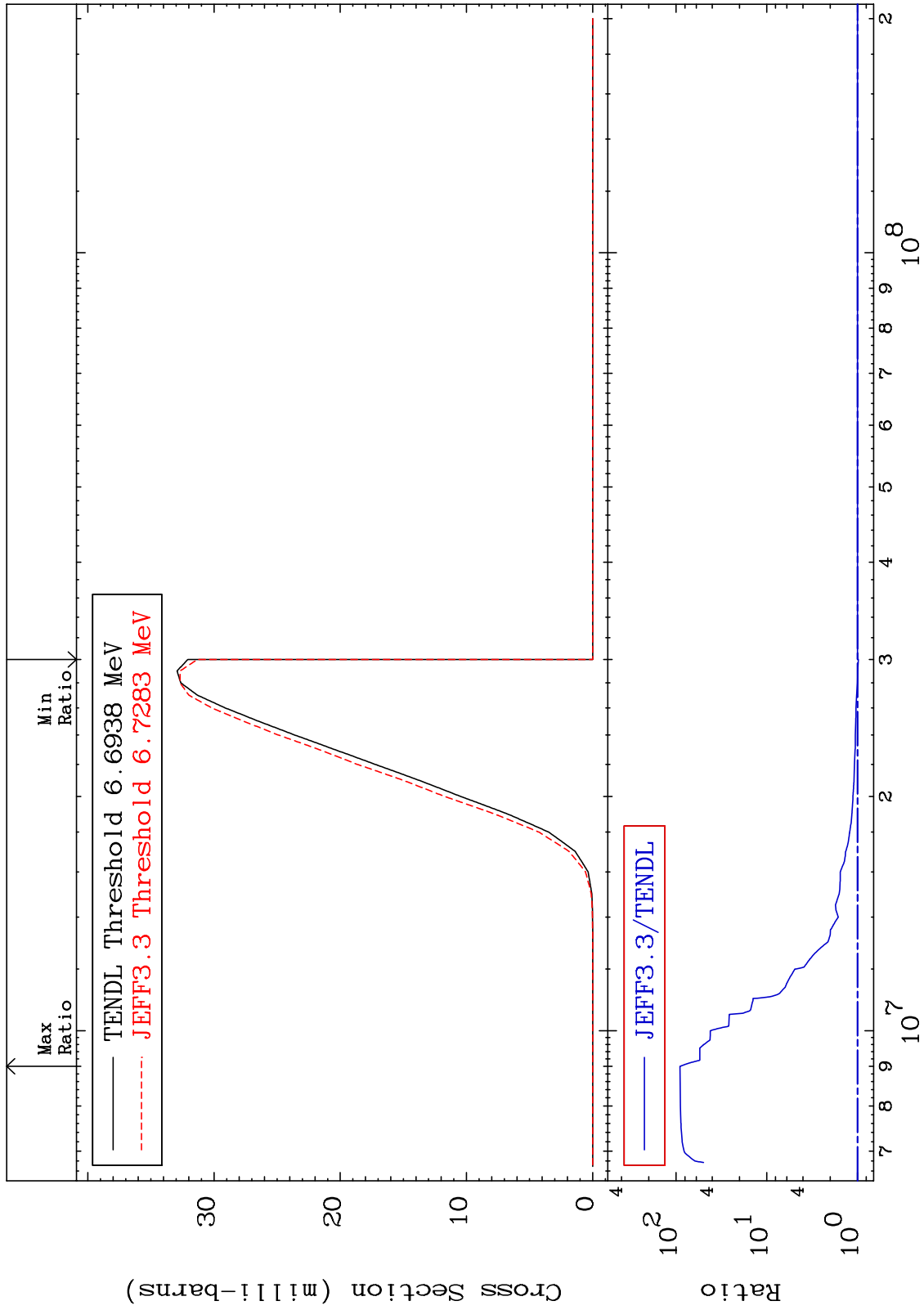


6

Incident Energy (eV)

³⁷Rb-85

MAT 3725 $(n, n') \alpha$ Cross Section 37-Rb-85 -2.332 To 8954. %



MAT 3725

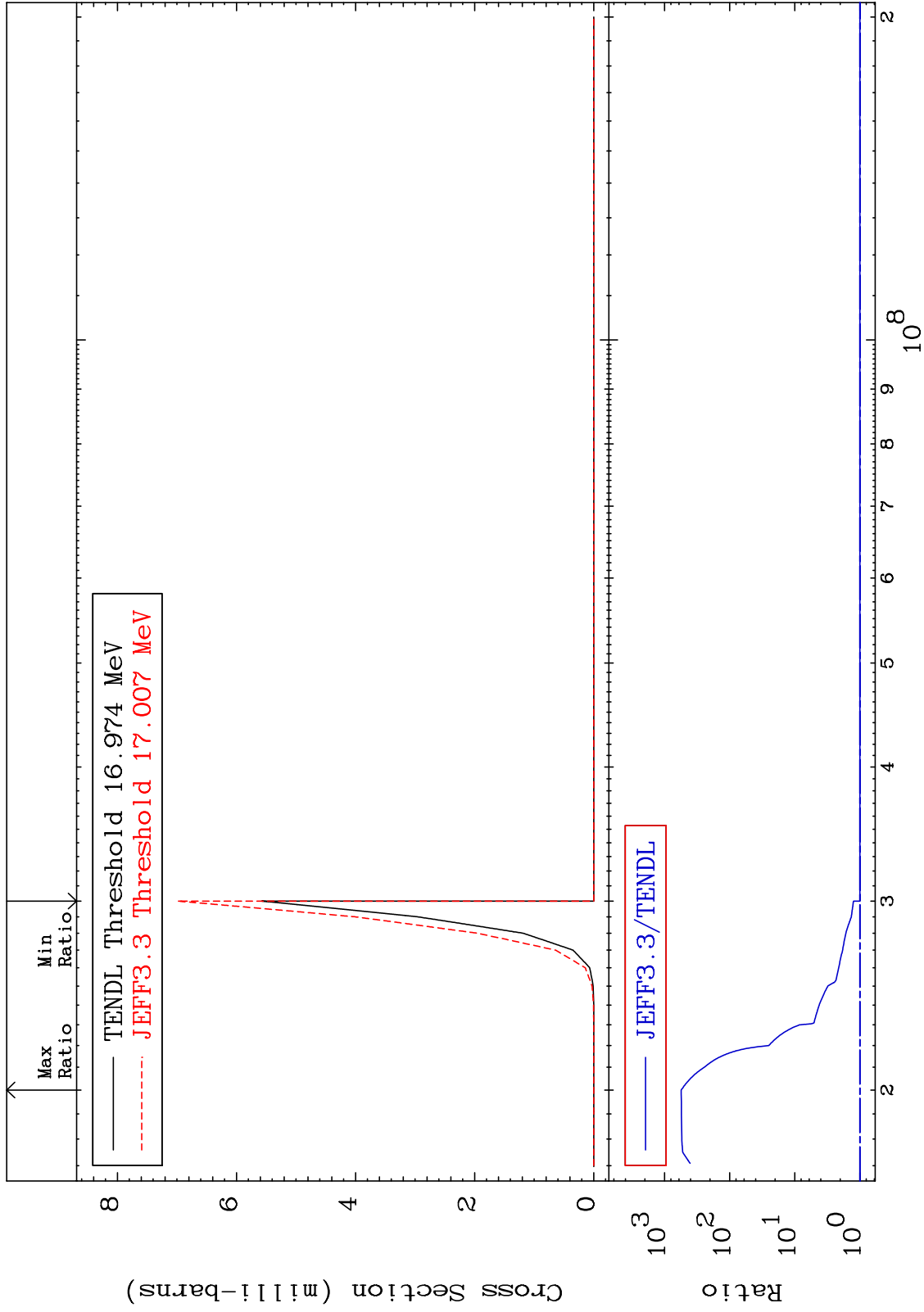
(n,2n) α

³⁷Rb-85

Cross Section

0.000

To 9999. %



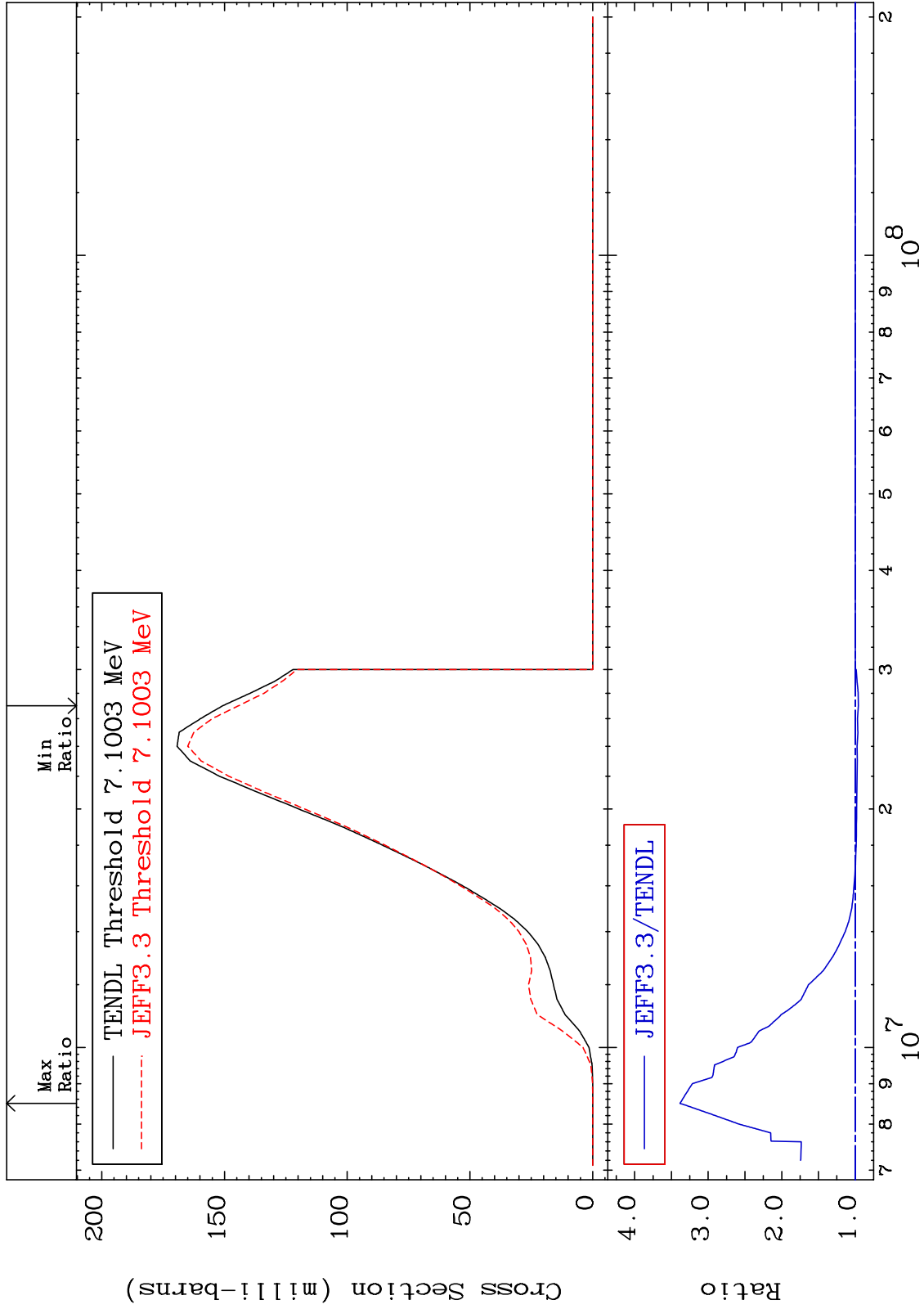
MAT 3725

(n,n') p

37-Rb-85

Cross Section

-4.277 To 238.3 %



9

Incident Energy (eV)

37-Rb-85

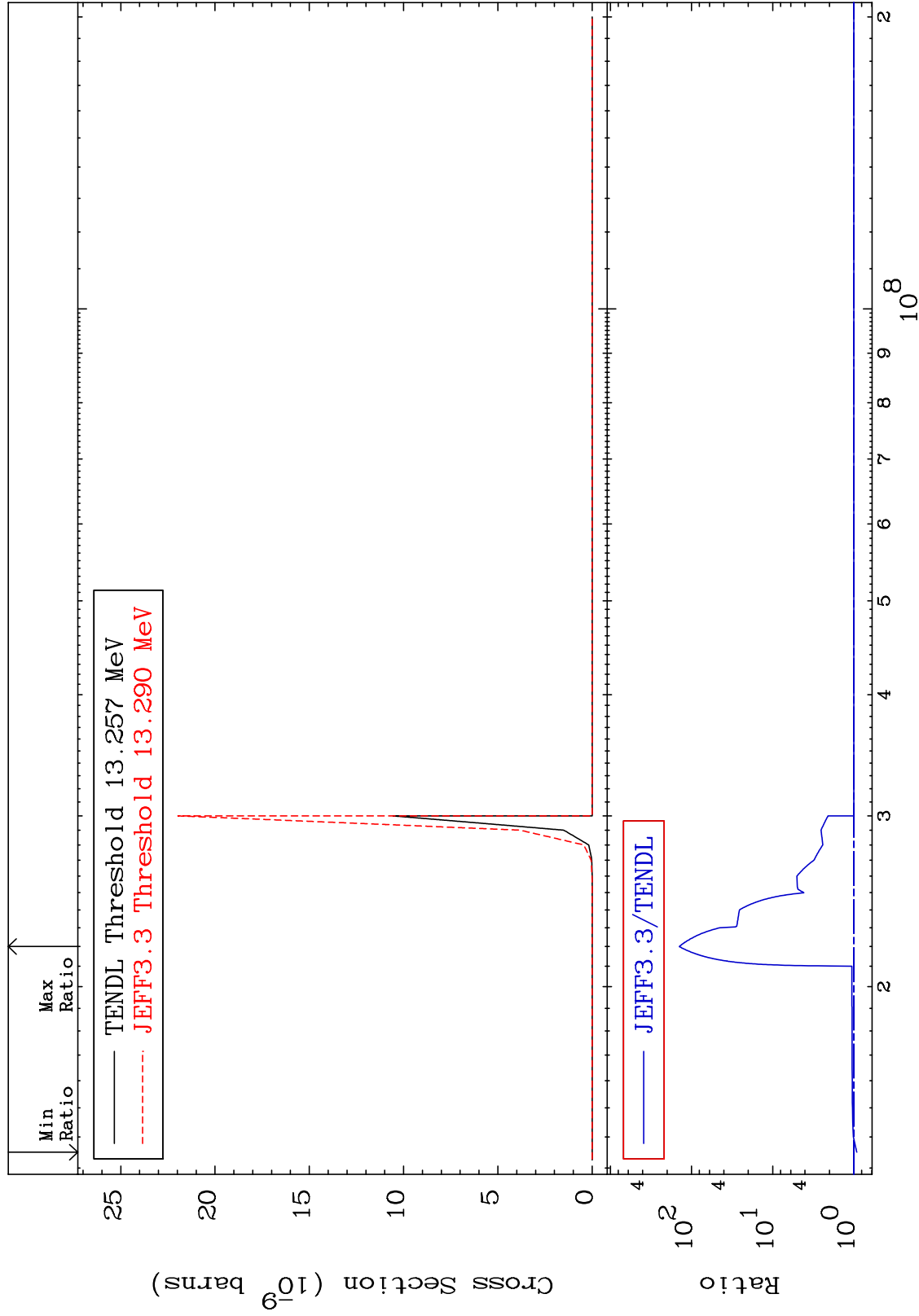
MAT 3725

(n,n') 2α

37-Rb-85

Cross Section

-8.276 To 9999. %



10

Incident Energy (eV)

37-Rb-85

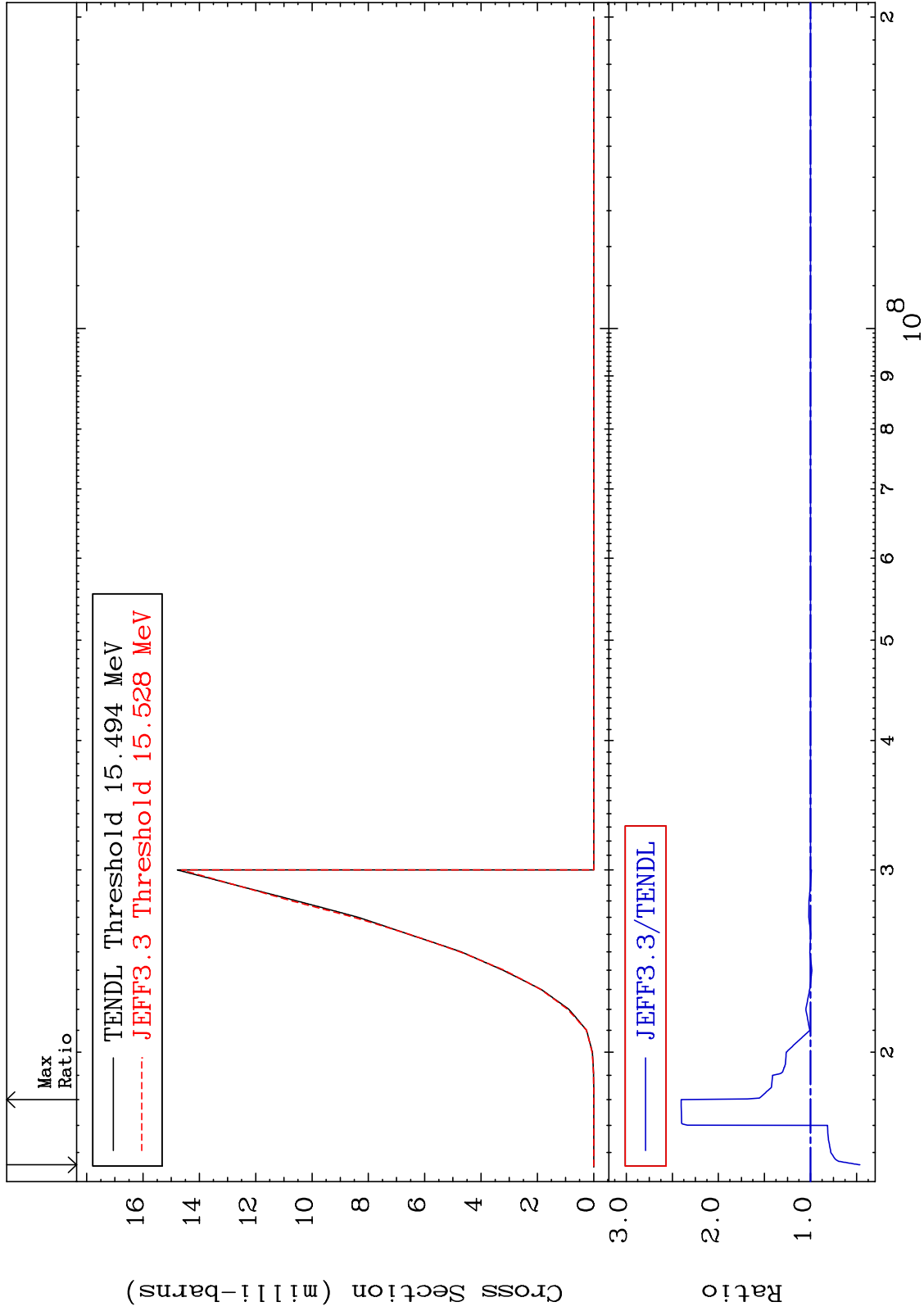
MAT 3725

(n, n') d

37-Rb-85

Cross Section

-53.65 To 140.3 %



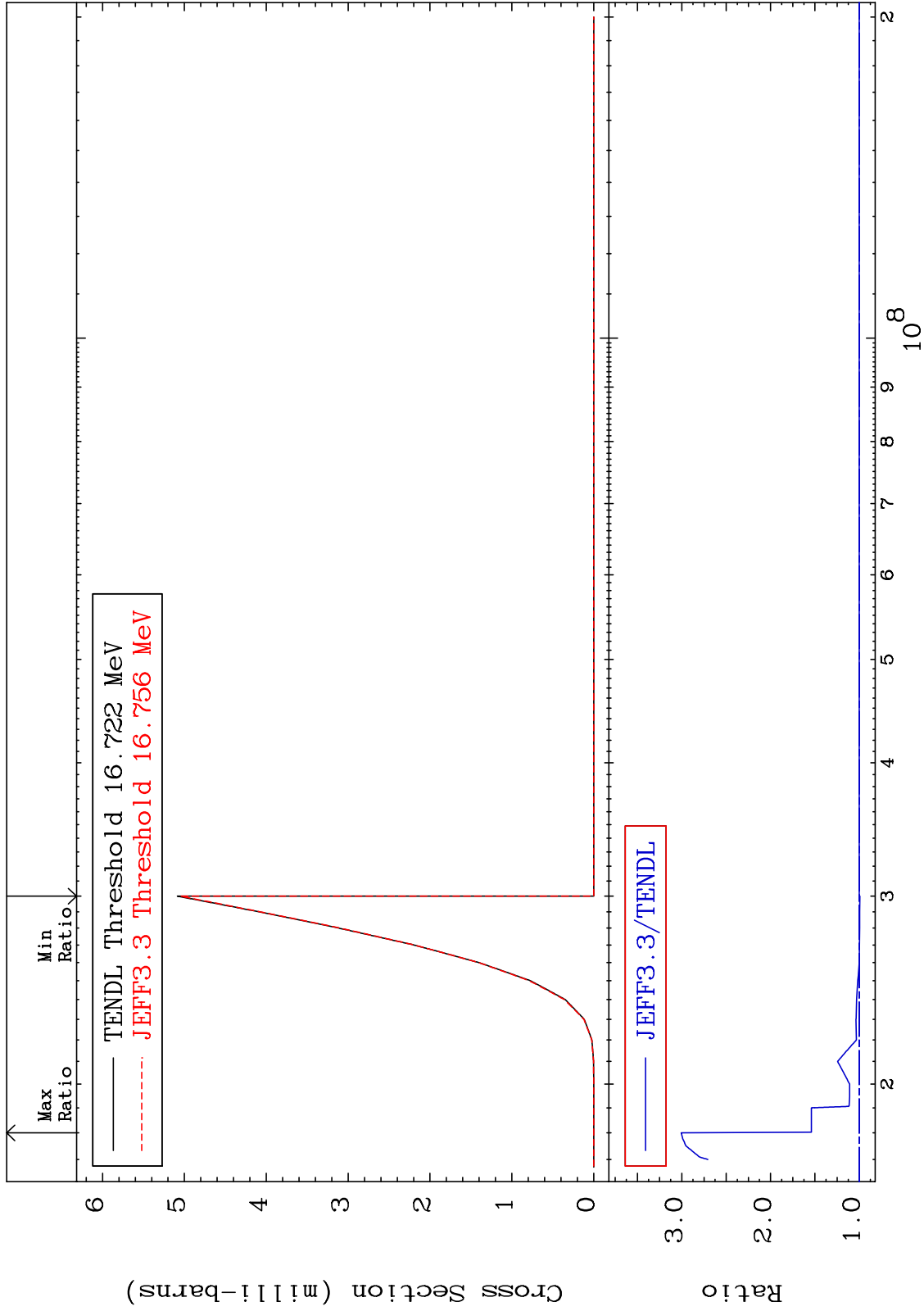
MAT 3725

(n, n') t

37-Rb-85

Cross Section

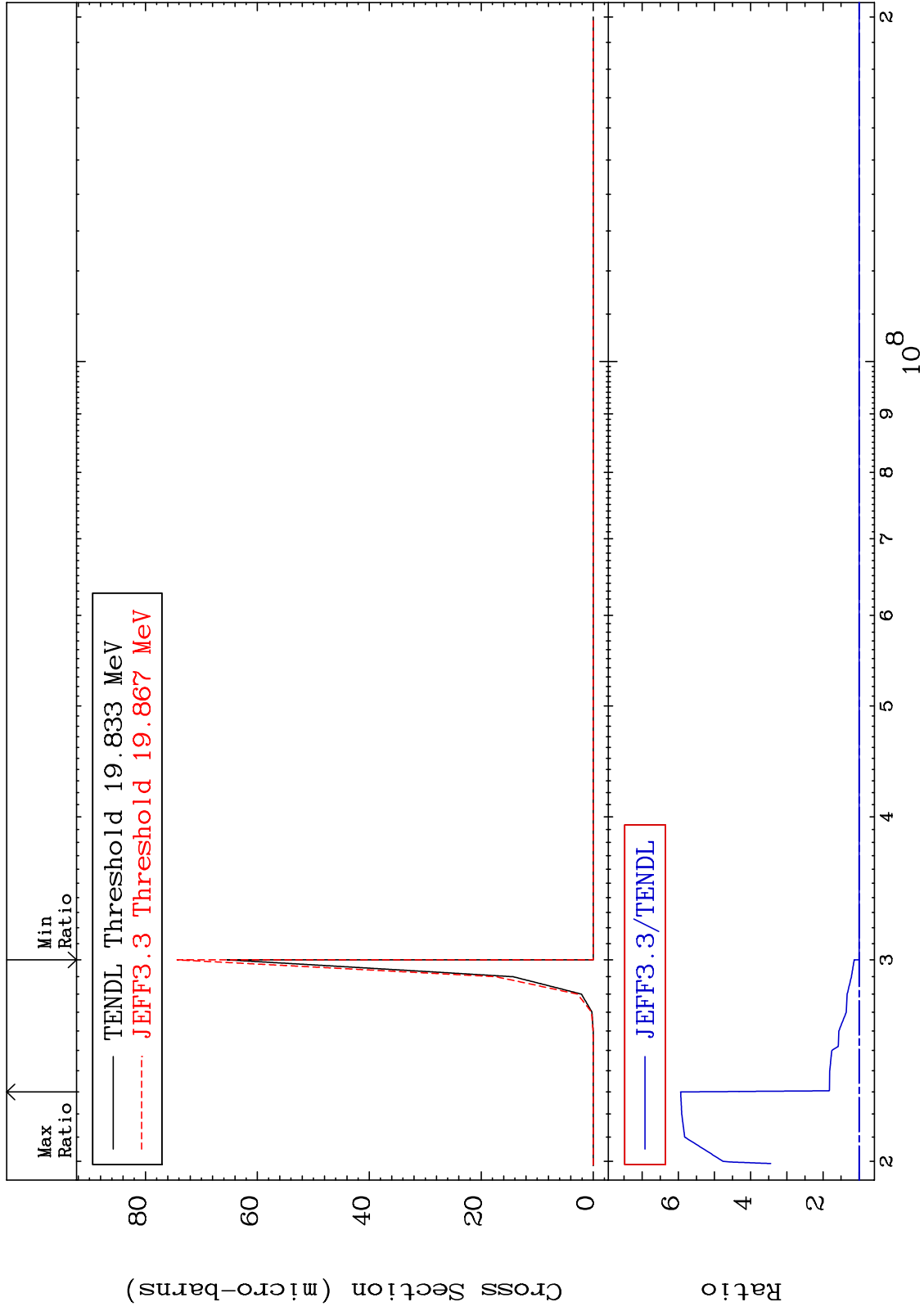
-0.680 To 200.7 %



MAT 3725

(n, n') He-3
Cross Section

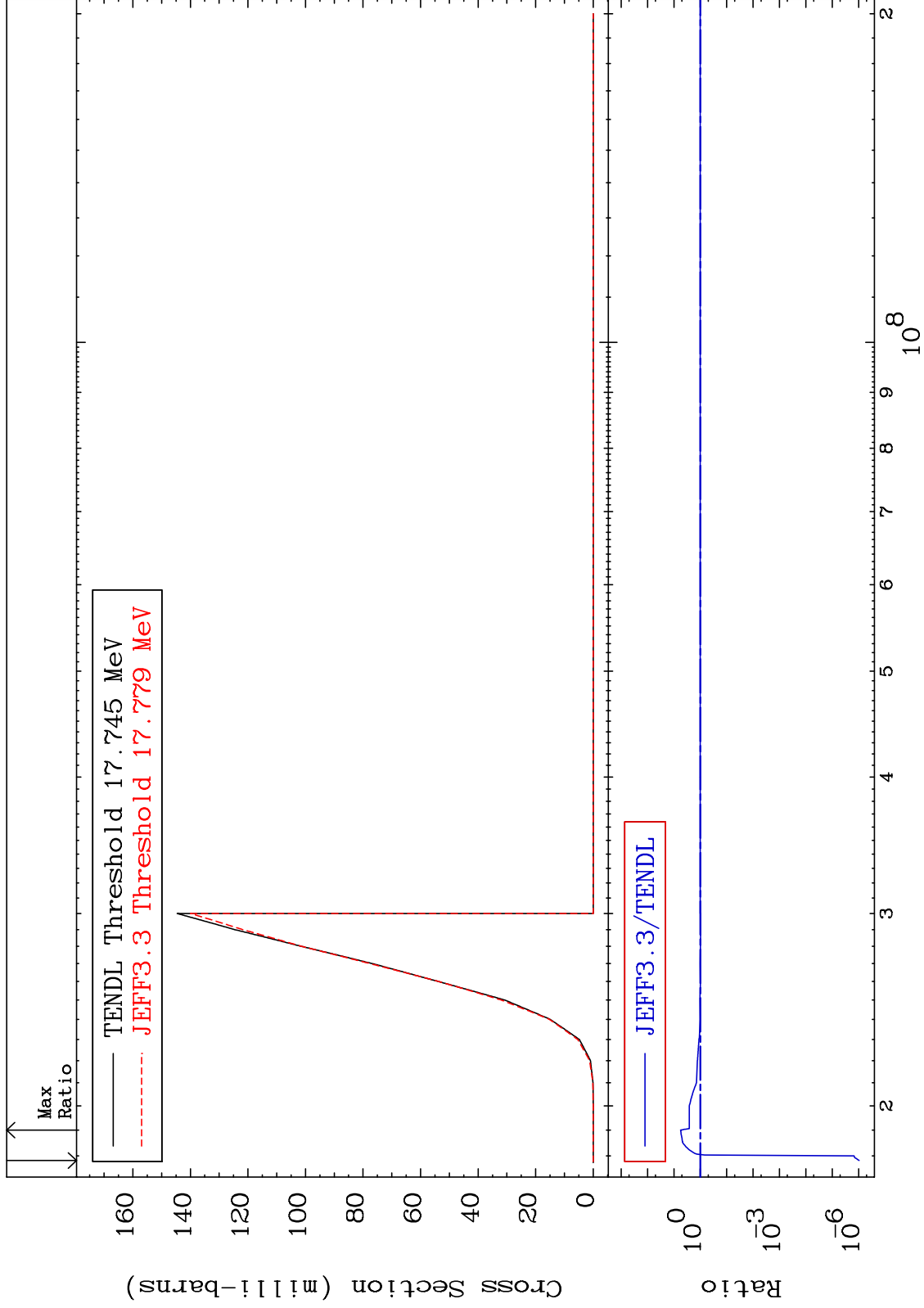
37-Rb-85
0.000 To 493.6 %



MAT 3725

(n,2n) p
Cross Section

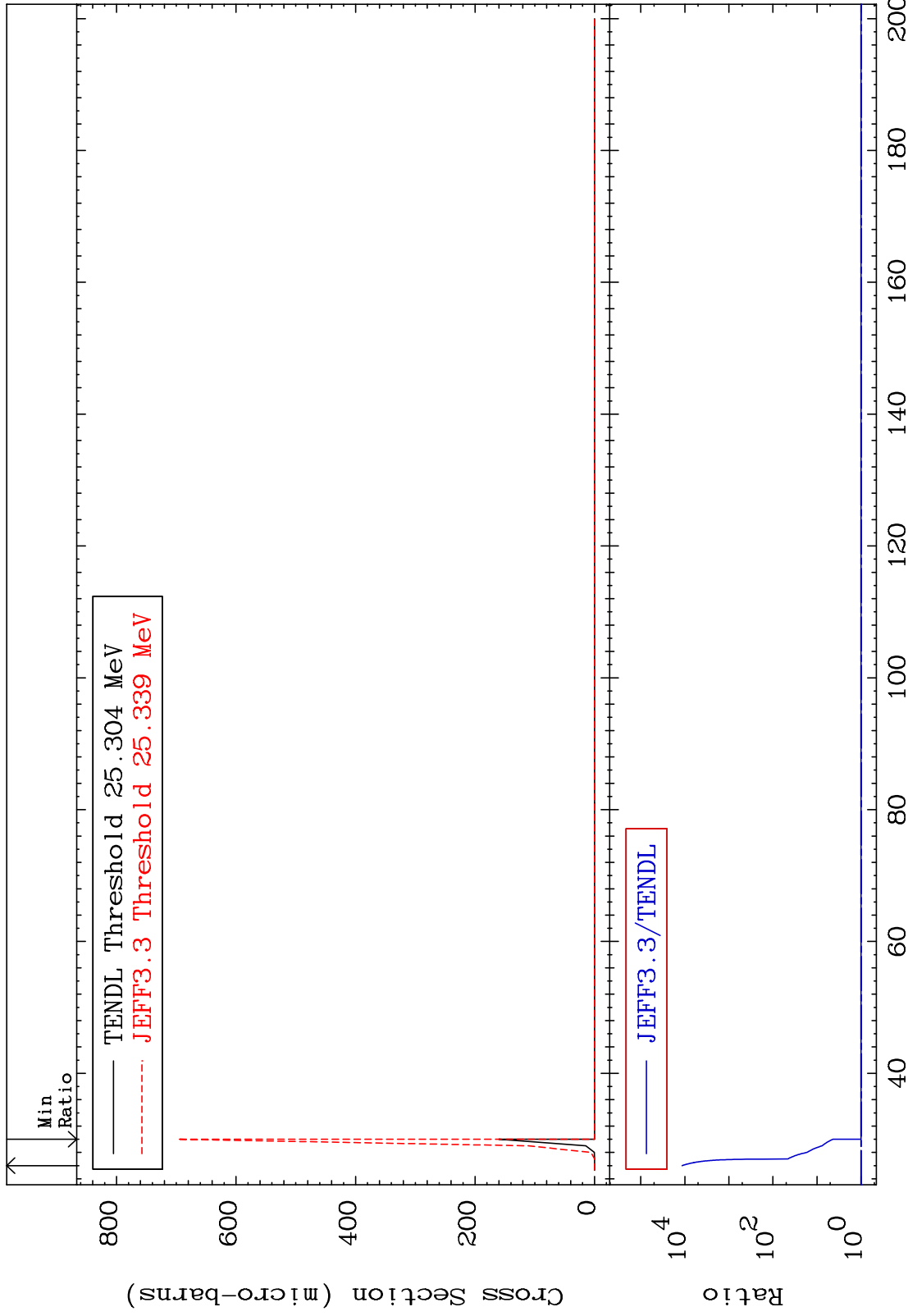
³⁷Rb-85
-100.0 To 457.6 %



MAT 3725

(n,3n) p
Cross Section

37-Rb-85
0.000 To 9999. %



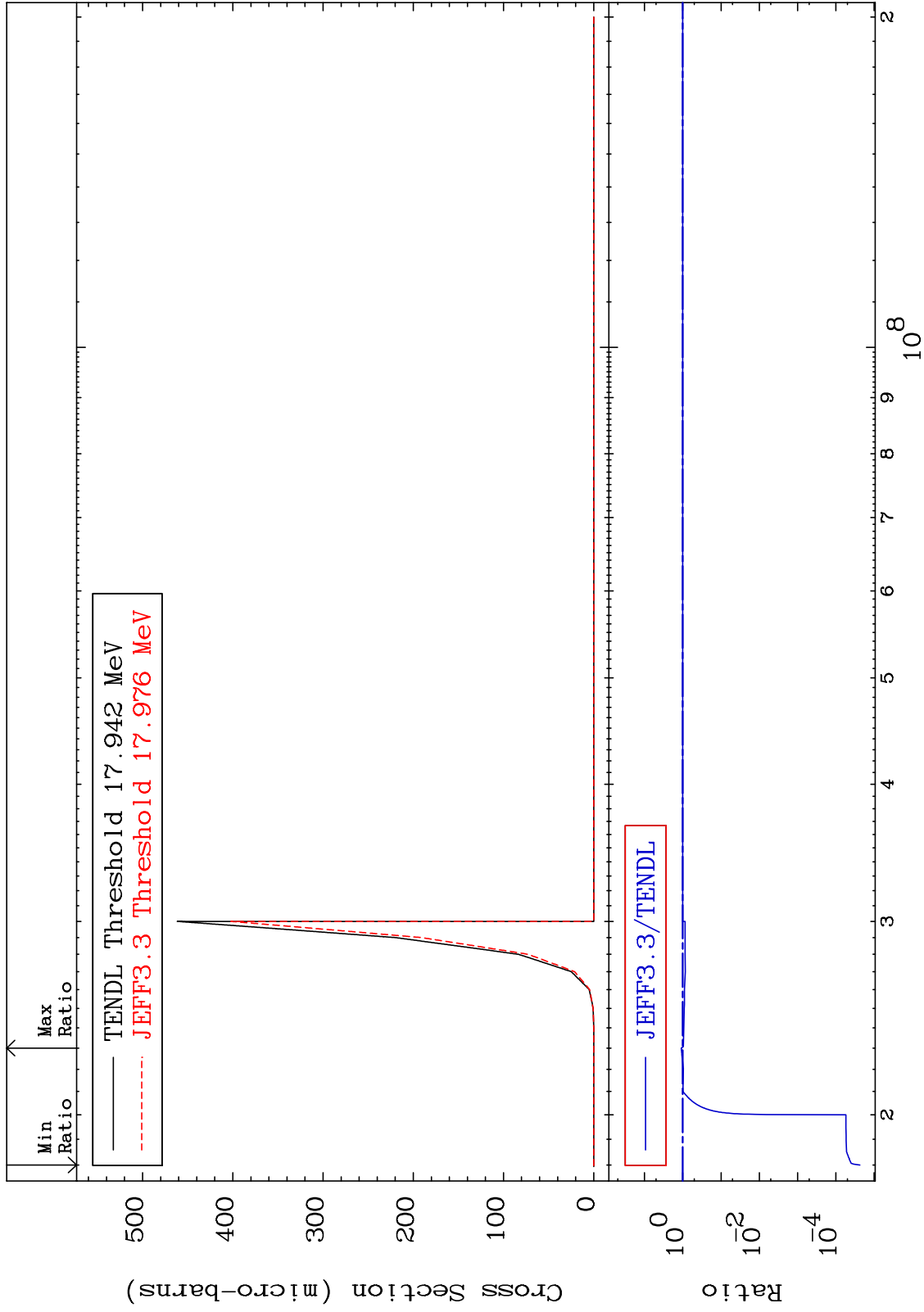
MAT 3725

(n,2n) p

³⁷Rb-85

Cross Section

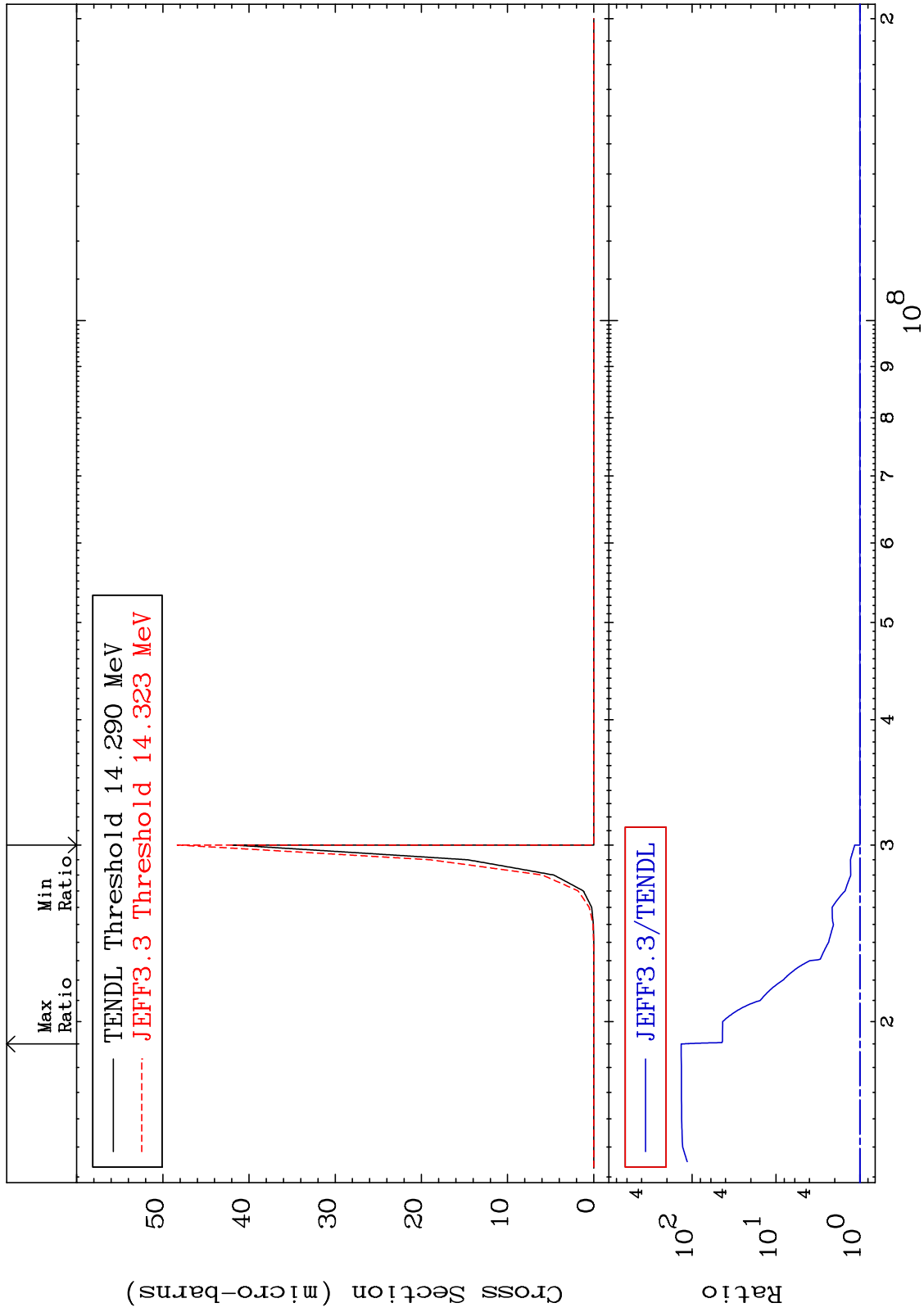
-100.0 To 9.850 %

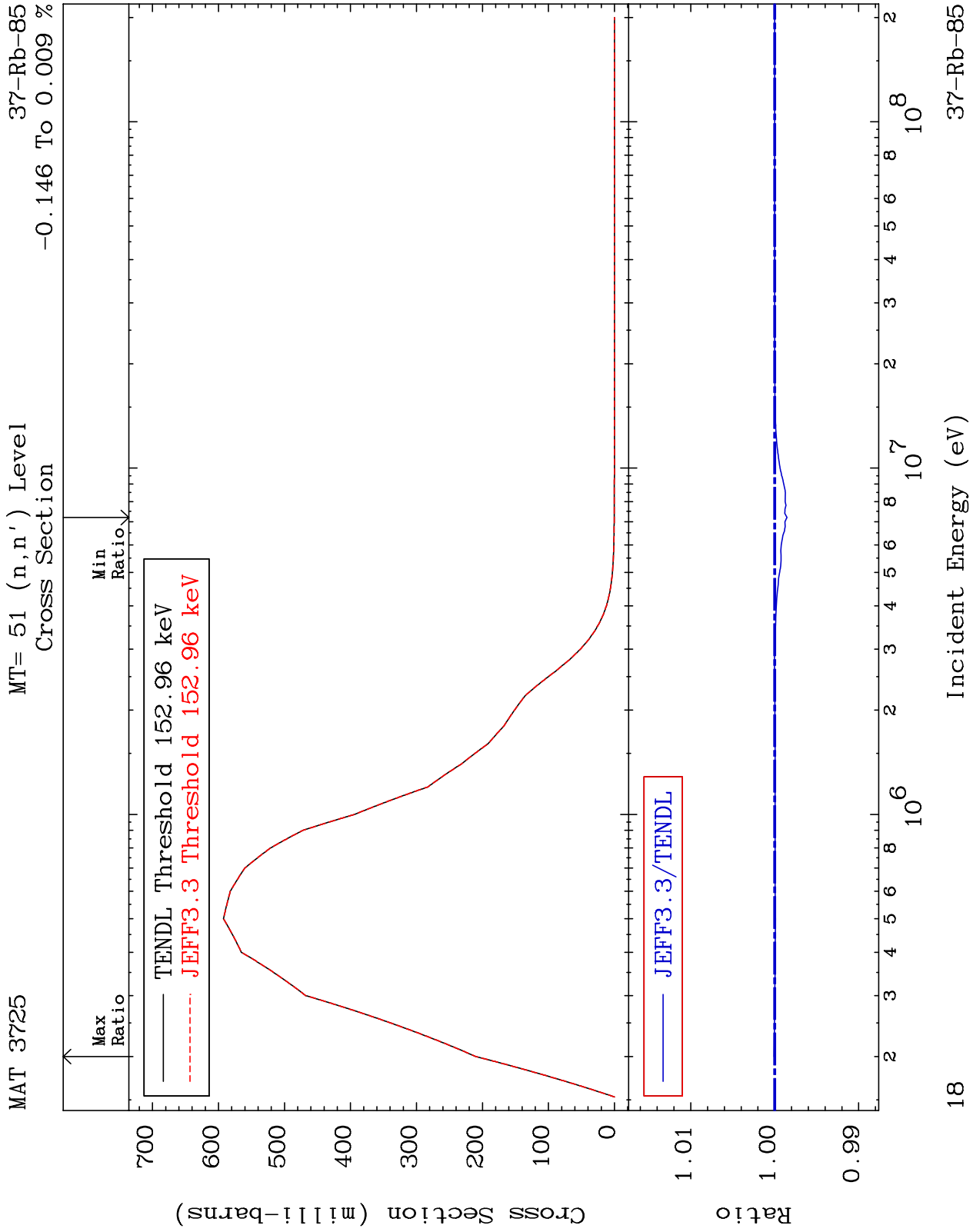


MAT 3725

(n,n') p α
Cross Section

0.000 To 9999. %
37-Rb-85

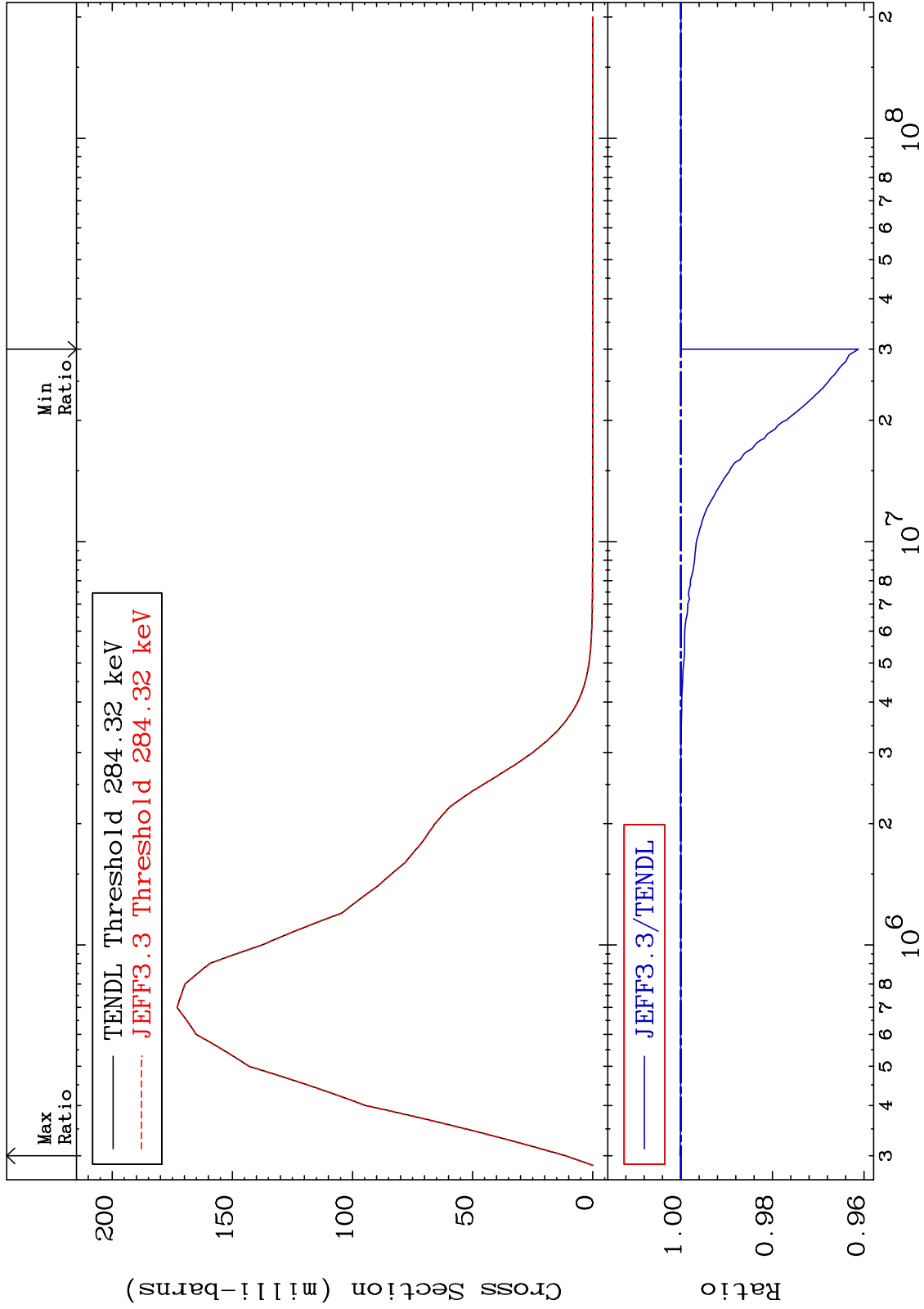




MAT 3725

MT= 52 (n,n') Level
Cross Section

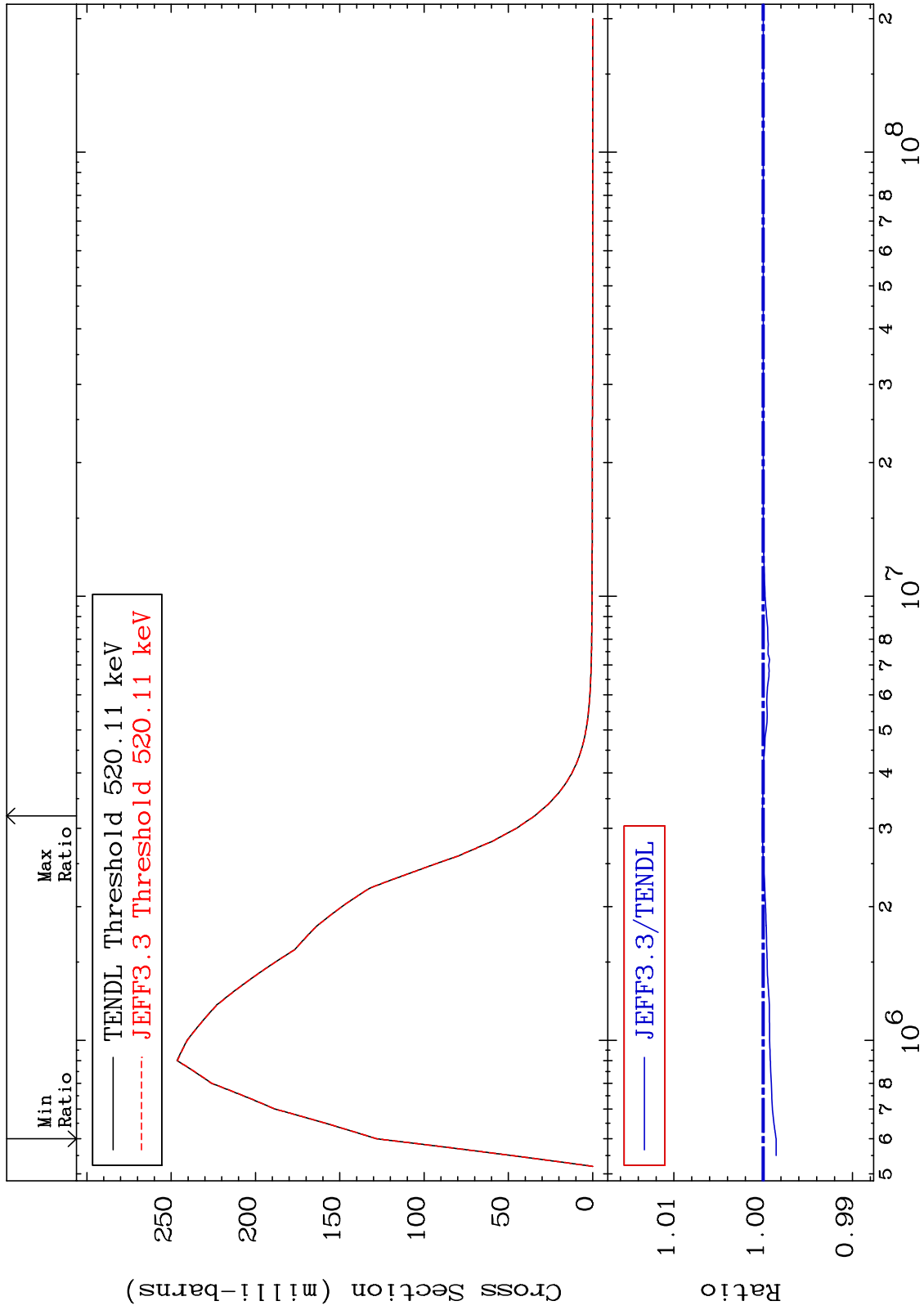
37-Rb-85
-3.876 To 0.016 %



MAT 3725

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

37-Rb-85
-0.144 To 0.009 %



20

Incident Energy (eV)

37-Rb-85

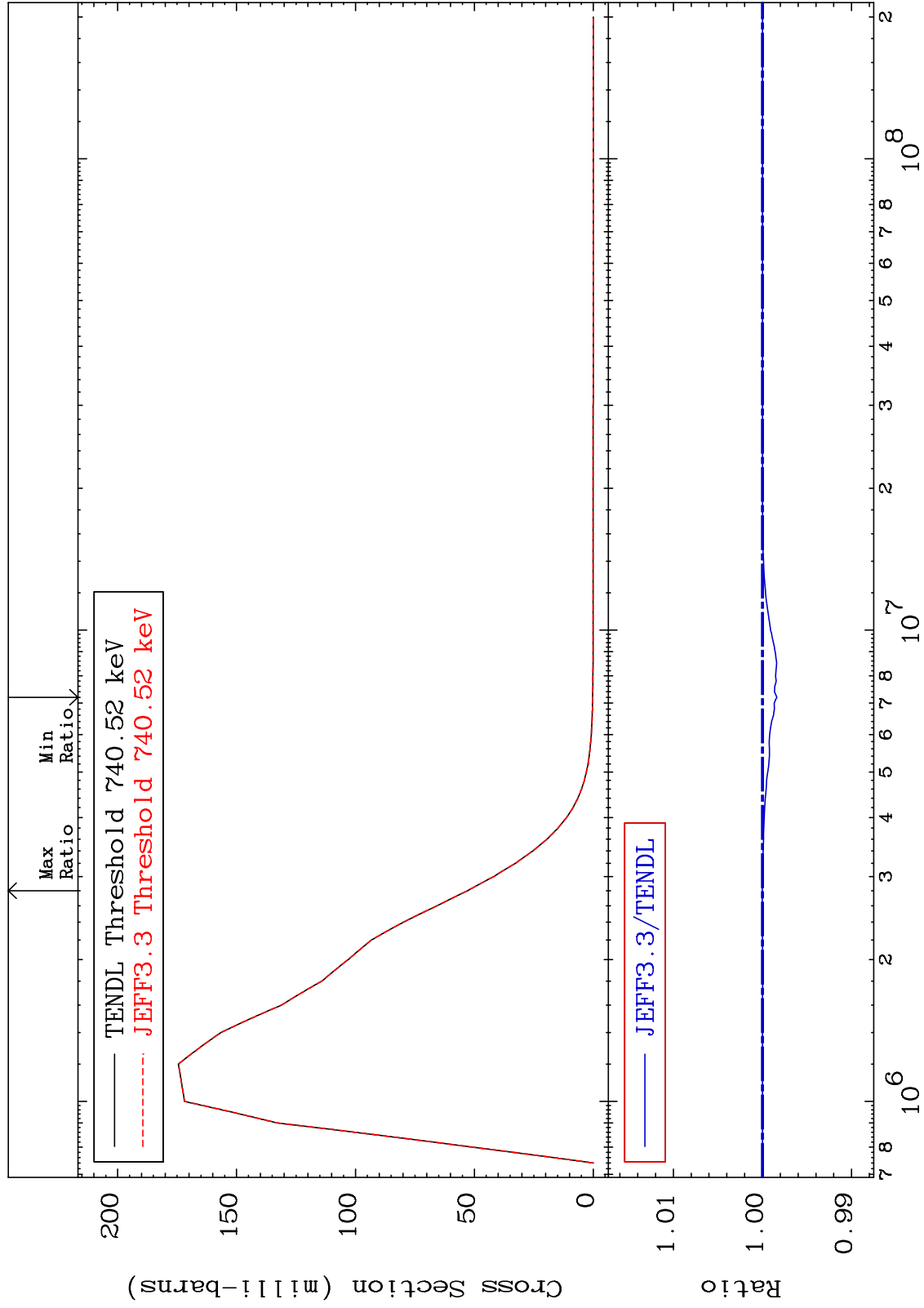
MAT 3725

MT= 54 (n,n') Level

37-Rb-85

-0.160 To 0.002 %

Cross Section



21

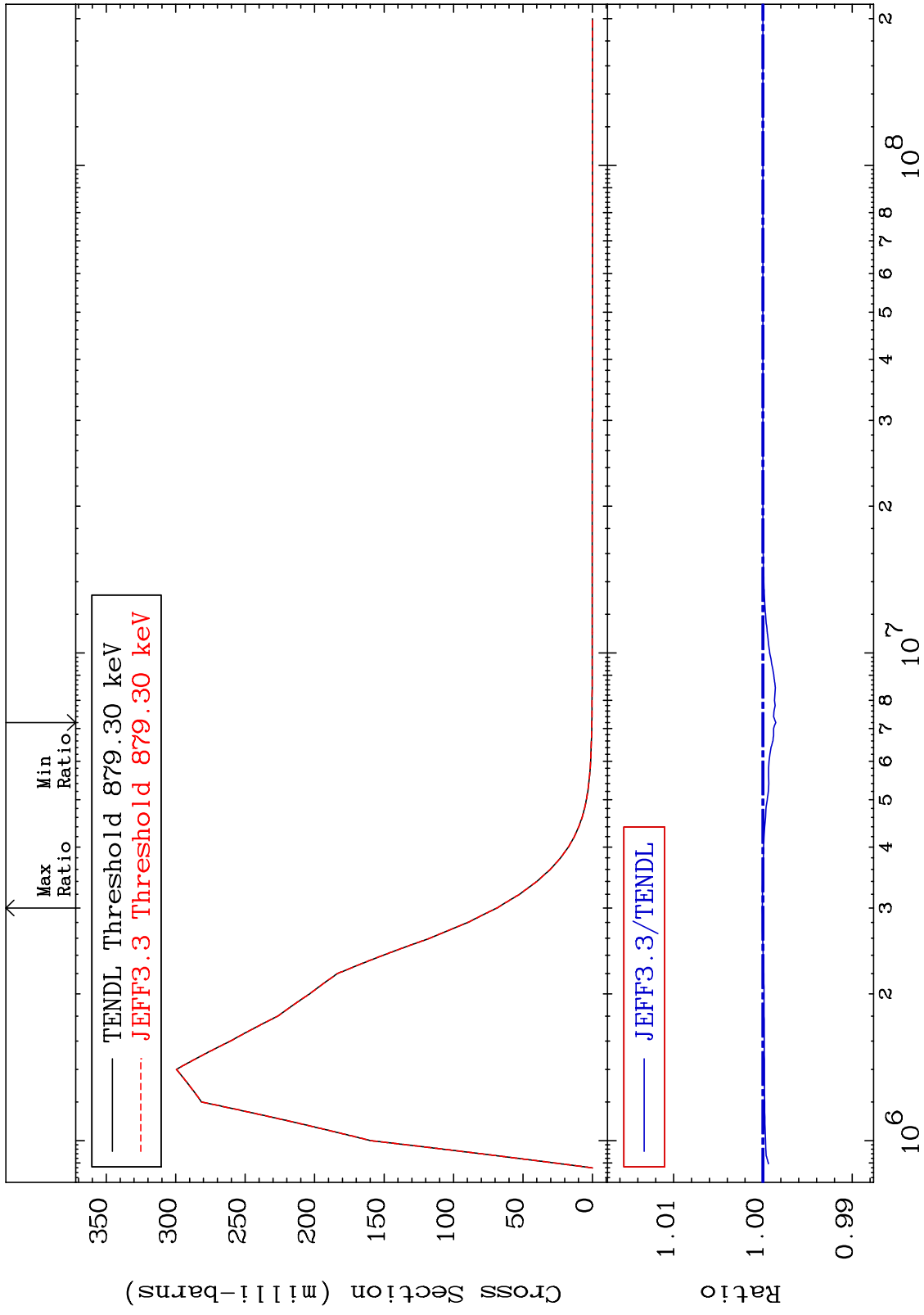
Incident Energy (eV)

37-Rb-85

MAT 3725

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

37-Rb-85
-0.144 To 0.007 %



22

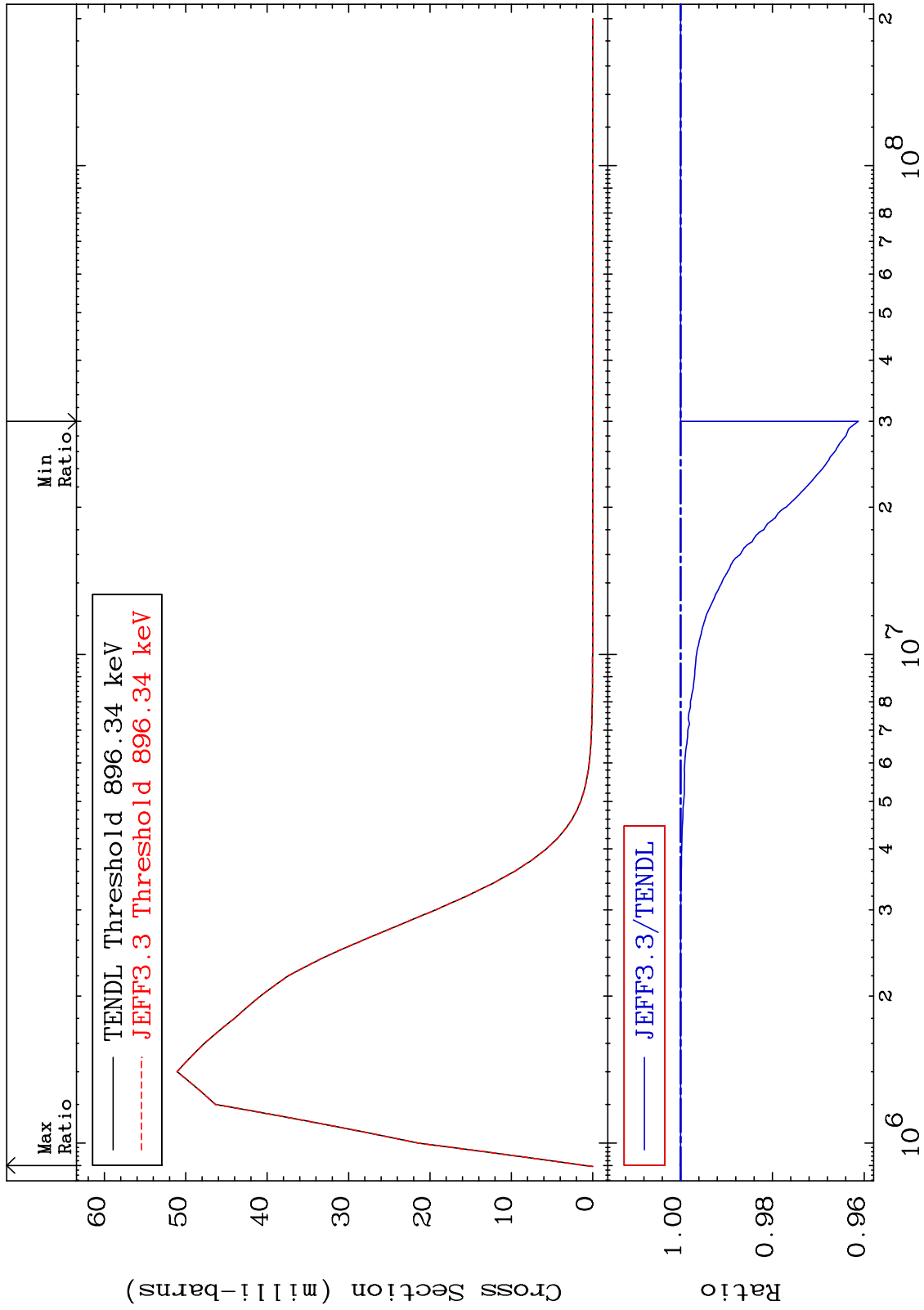
Incident Energy (eV)

37-Rb-85

MAT 3725

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

37-Rb-85
-3.875 To 0.014 %



23

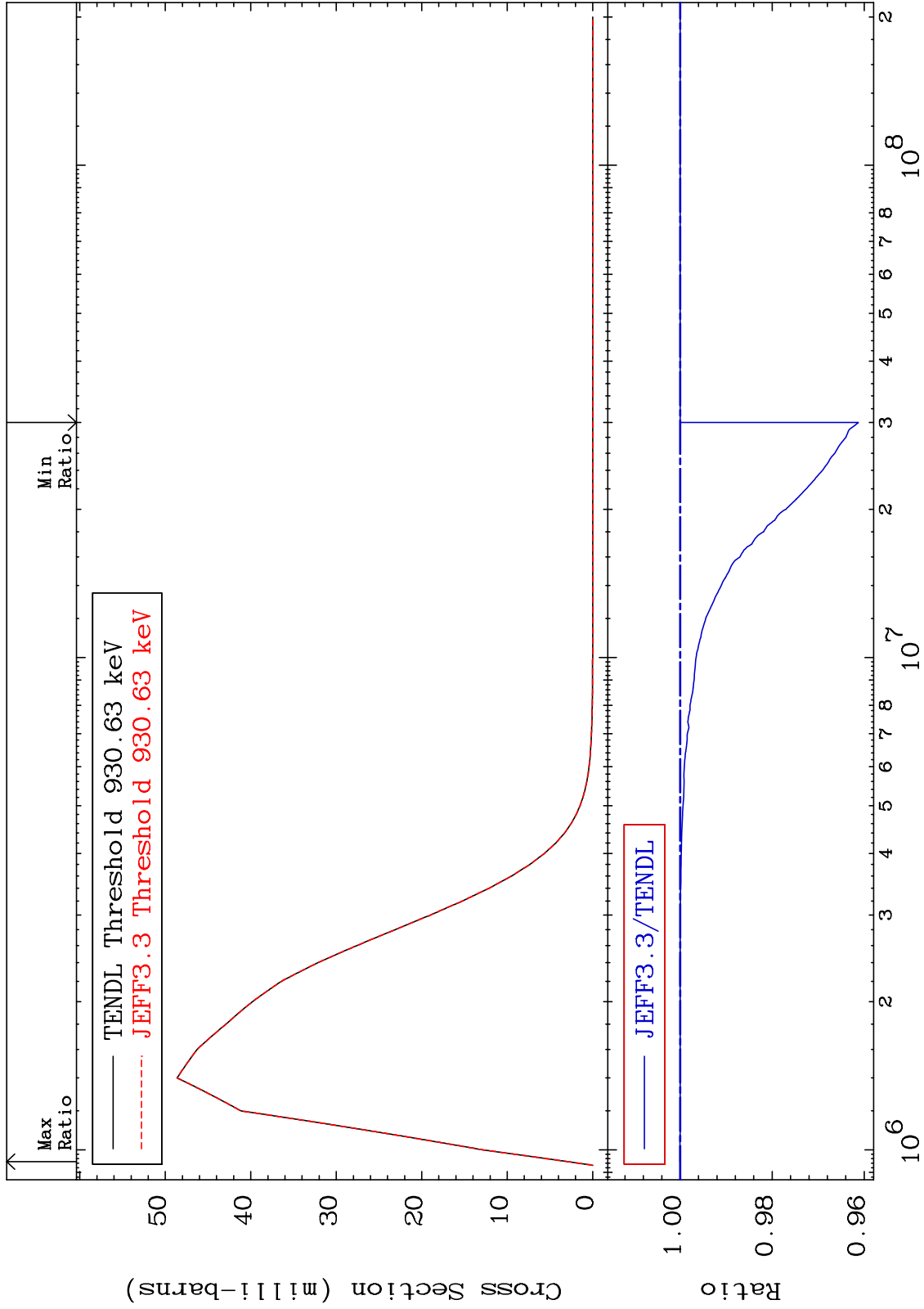
Incident Energy (eV)

37-Rb-85

MAT 3725

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

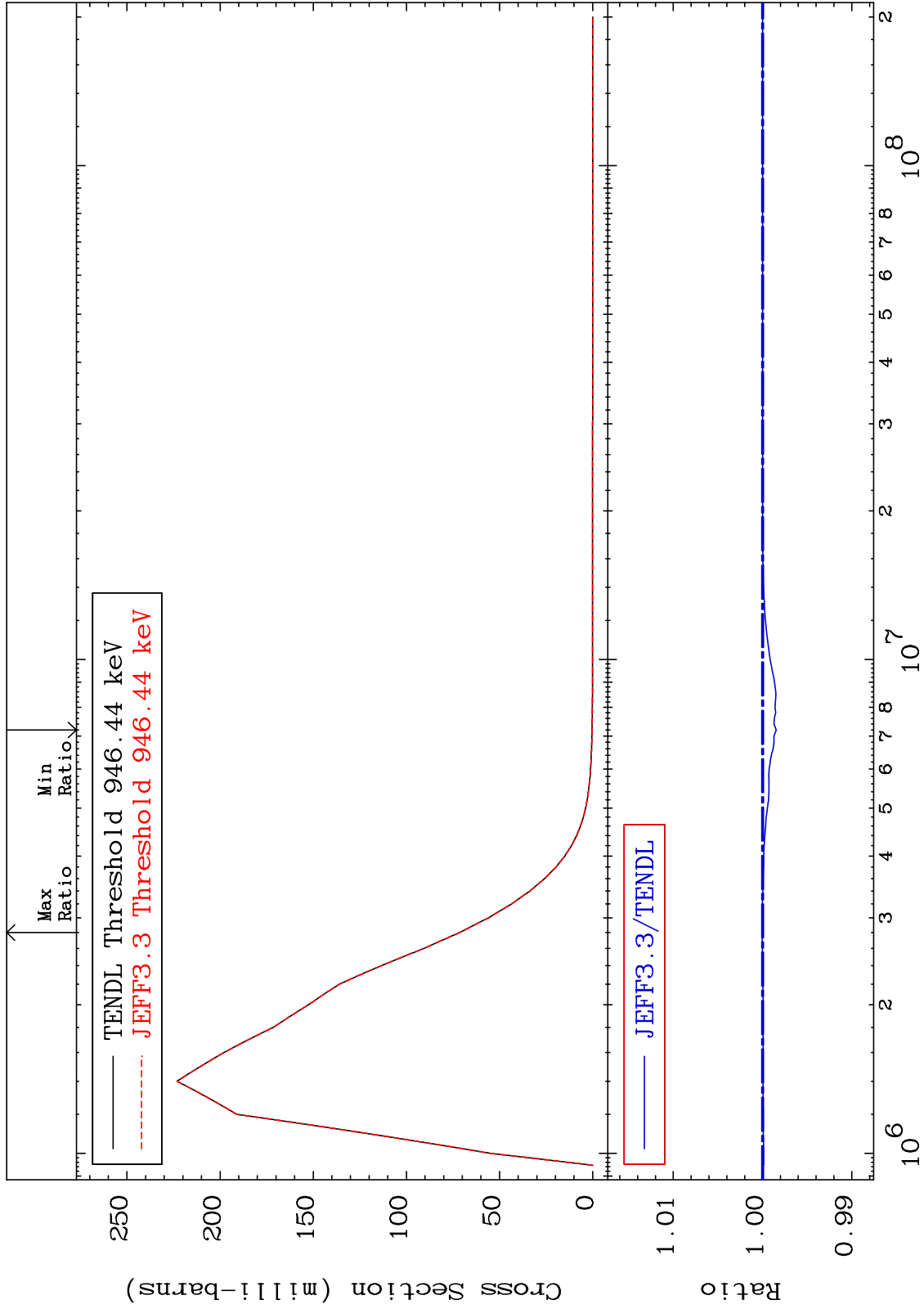
37-Rb-85
-3.875 To 0.003 %



MAT 3725

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

37-Rb-85
-0.153 To 0.004 %



25

Incident Energy (eV)

37-Rb-85

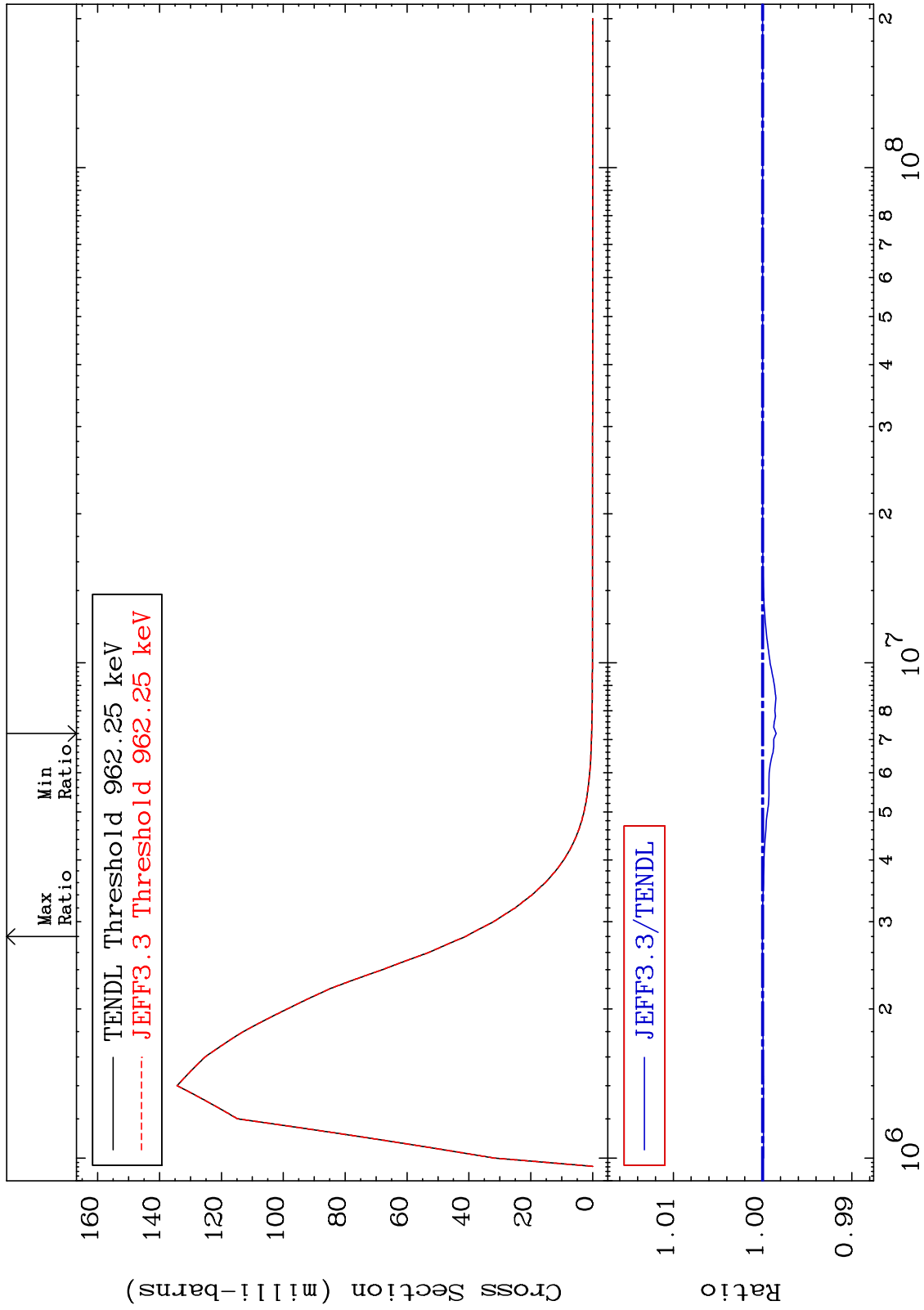
MAT 3725

MT= 59 (n,n') Level

37-Rb-85

-0.151 To 0.002 %

Cross Section



26

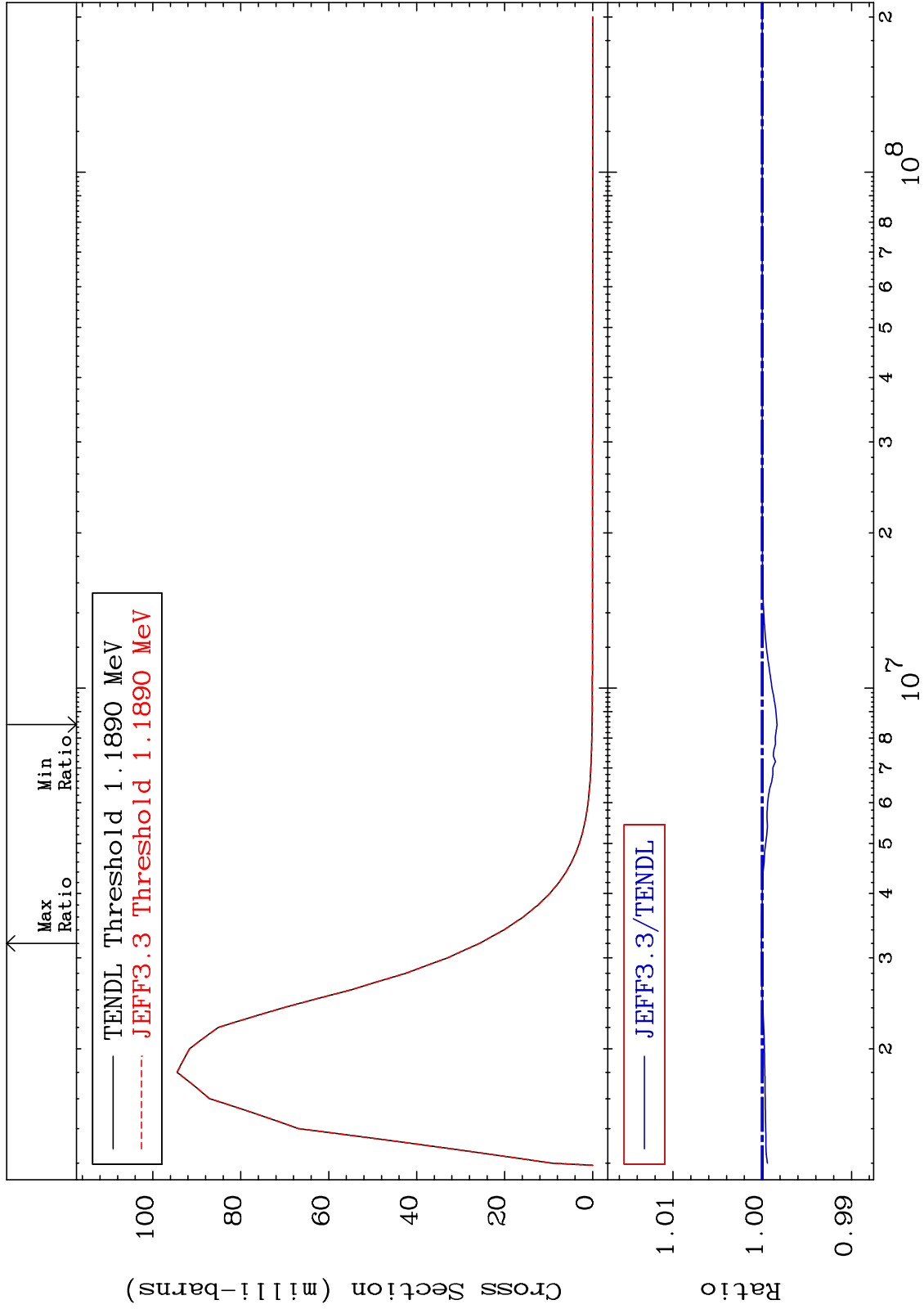
Incident Energy (eV)

37-Rb-85

MAT 3725

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

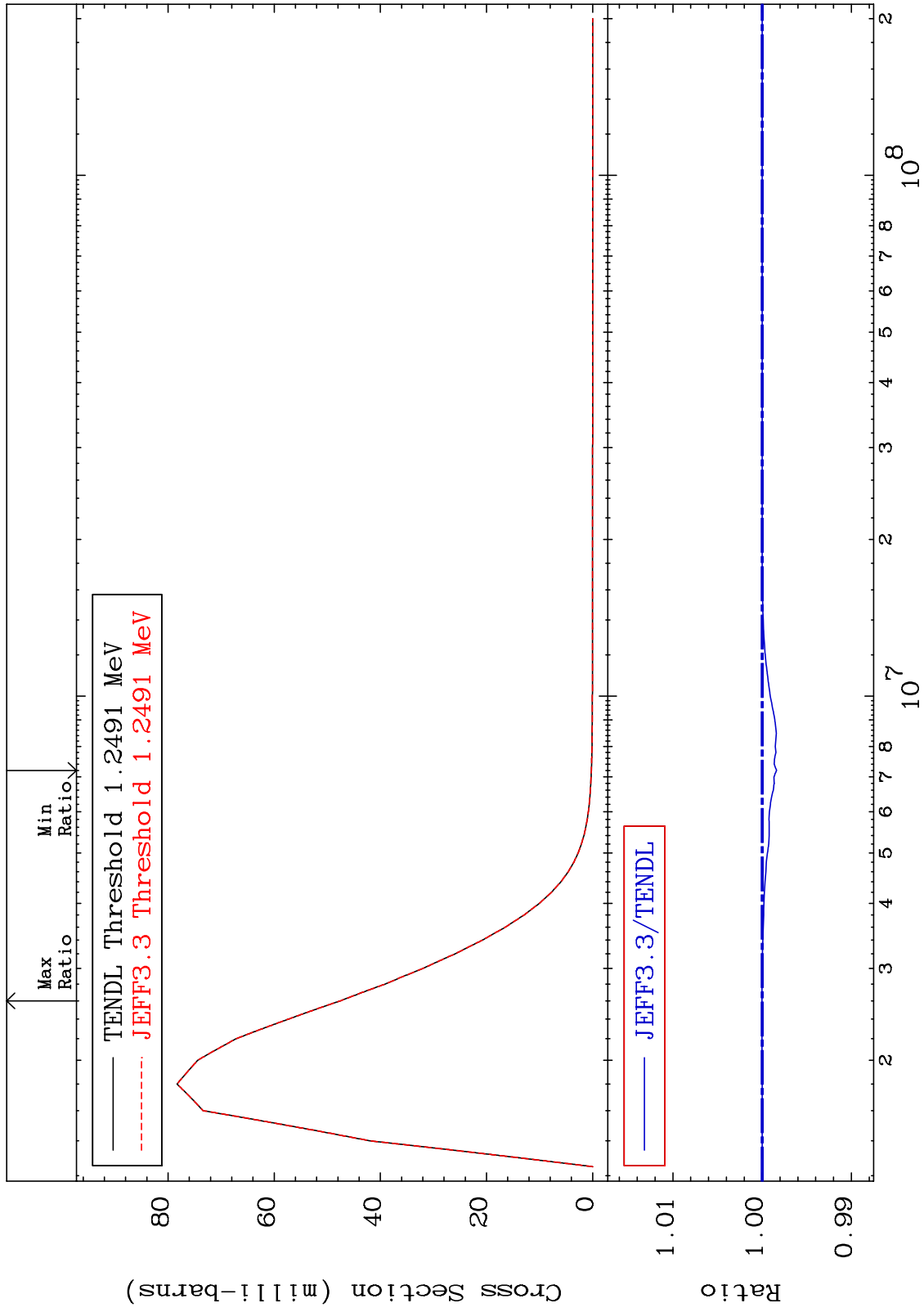
37-Rb-85
-0.166 To 0.010 %



MAT 3725

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

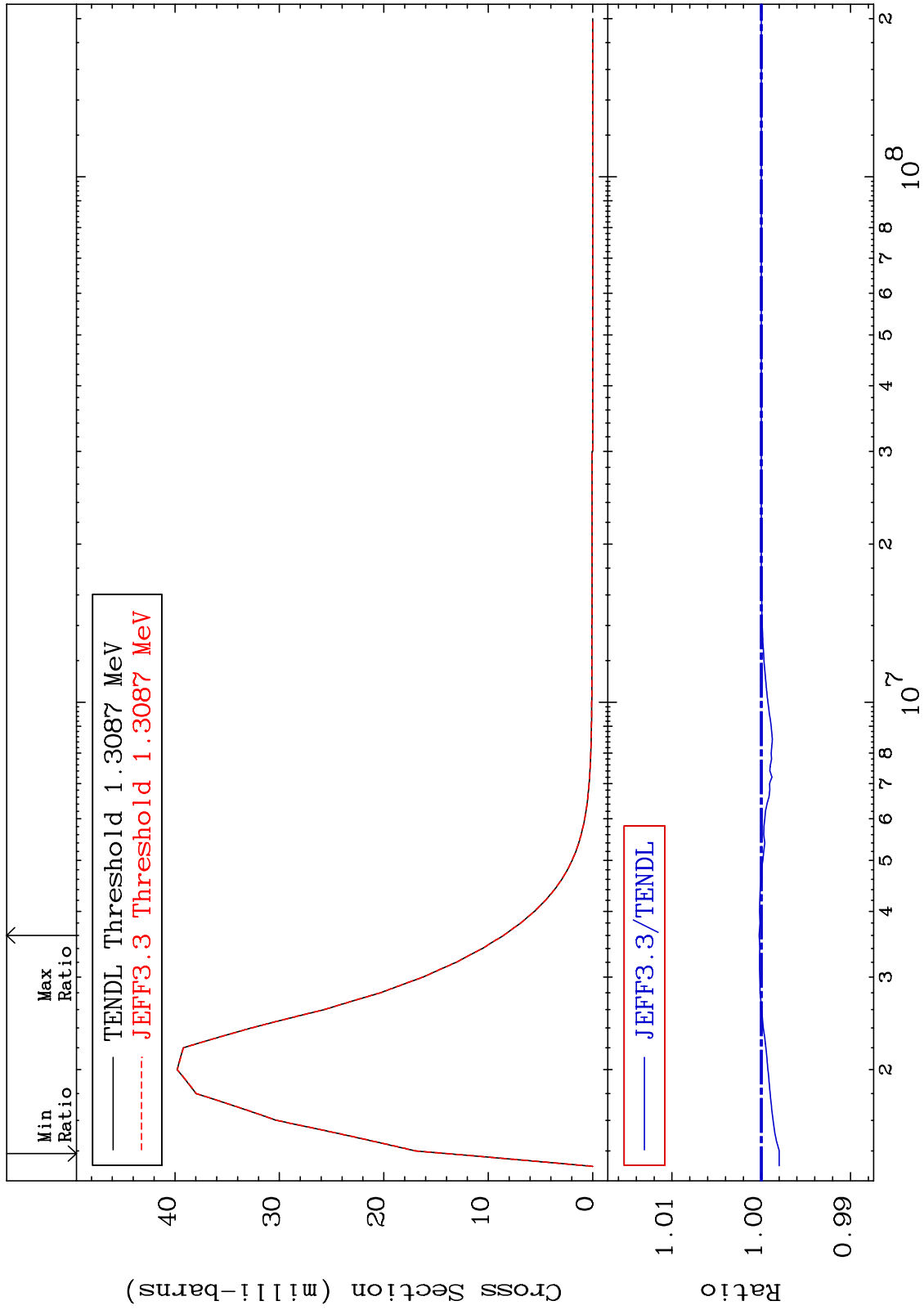
37-Rb-85
-0.160 To 0.002 %



MAT 3725

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

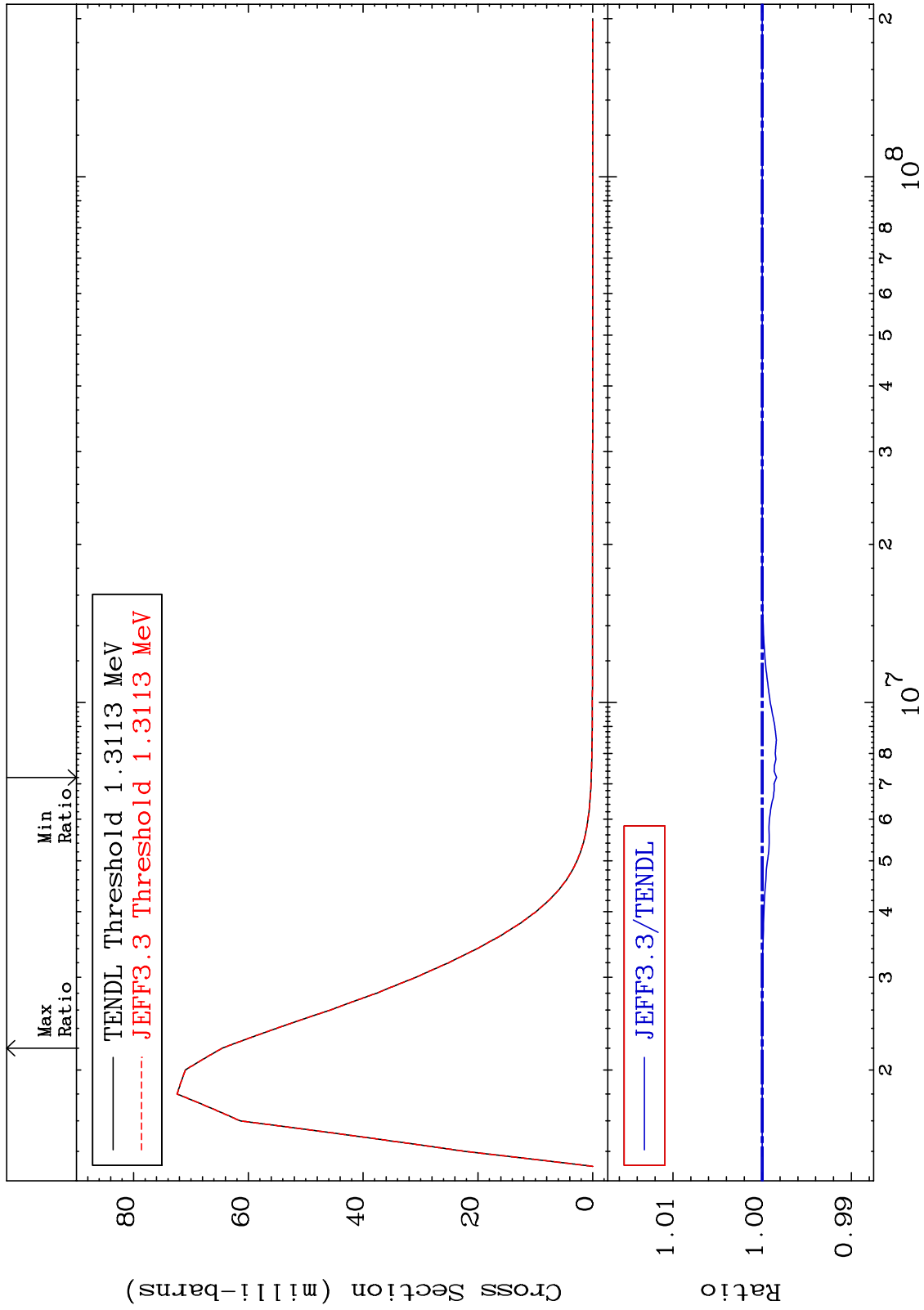
37-Rb-85
-0.201 To 0.023 %



MAT 3725

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

37-Rb-85
-0.161 To 0.002 %



30

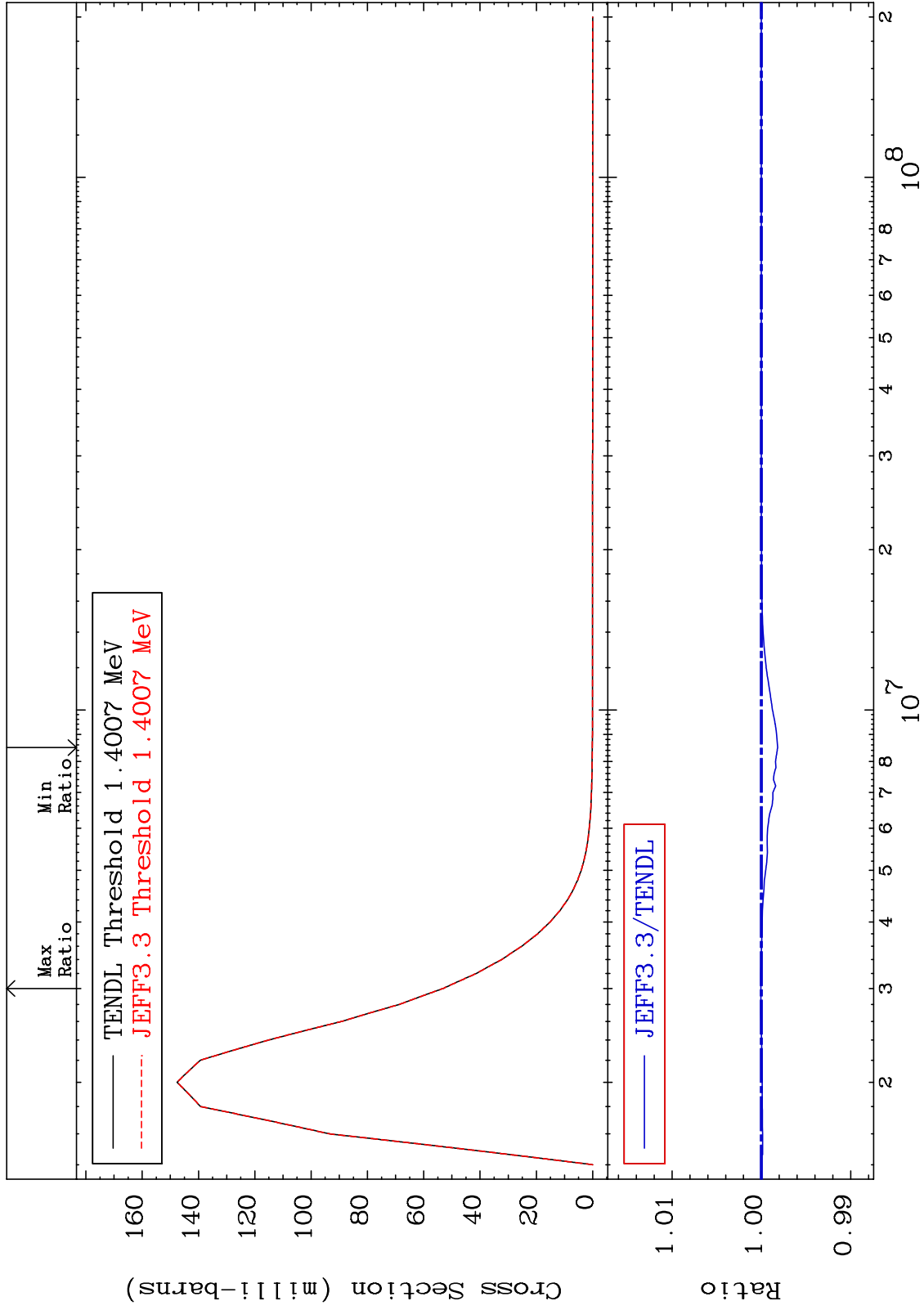
Incident Energy (eV)

37-Rb-85

MAT 3725

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

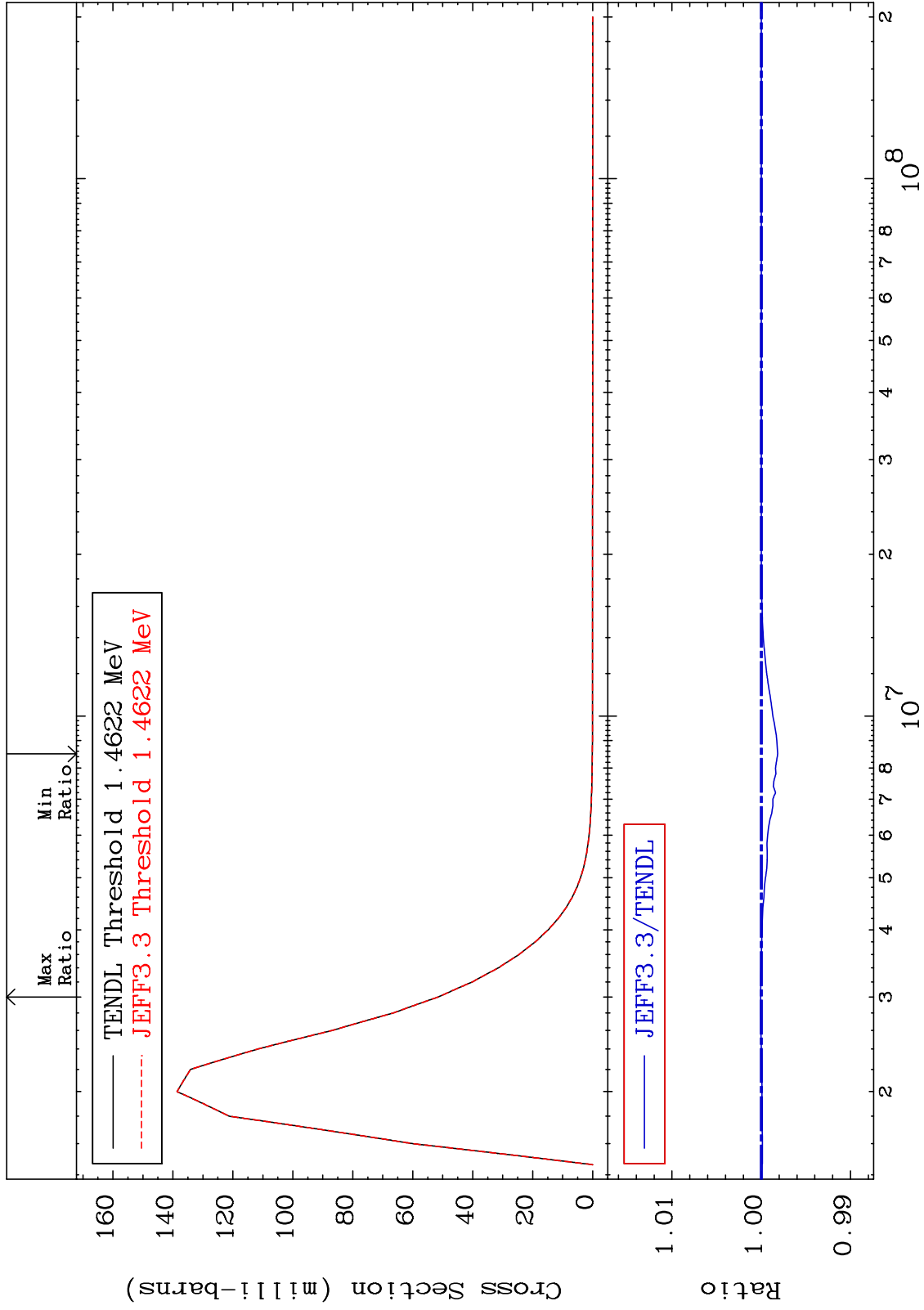
37-Rb-85
-0.182 To 0.006 %



MAT 3725

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

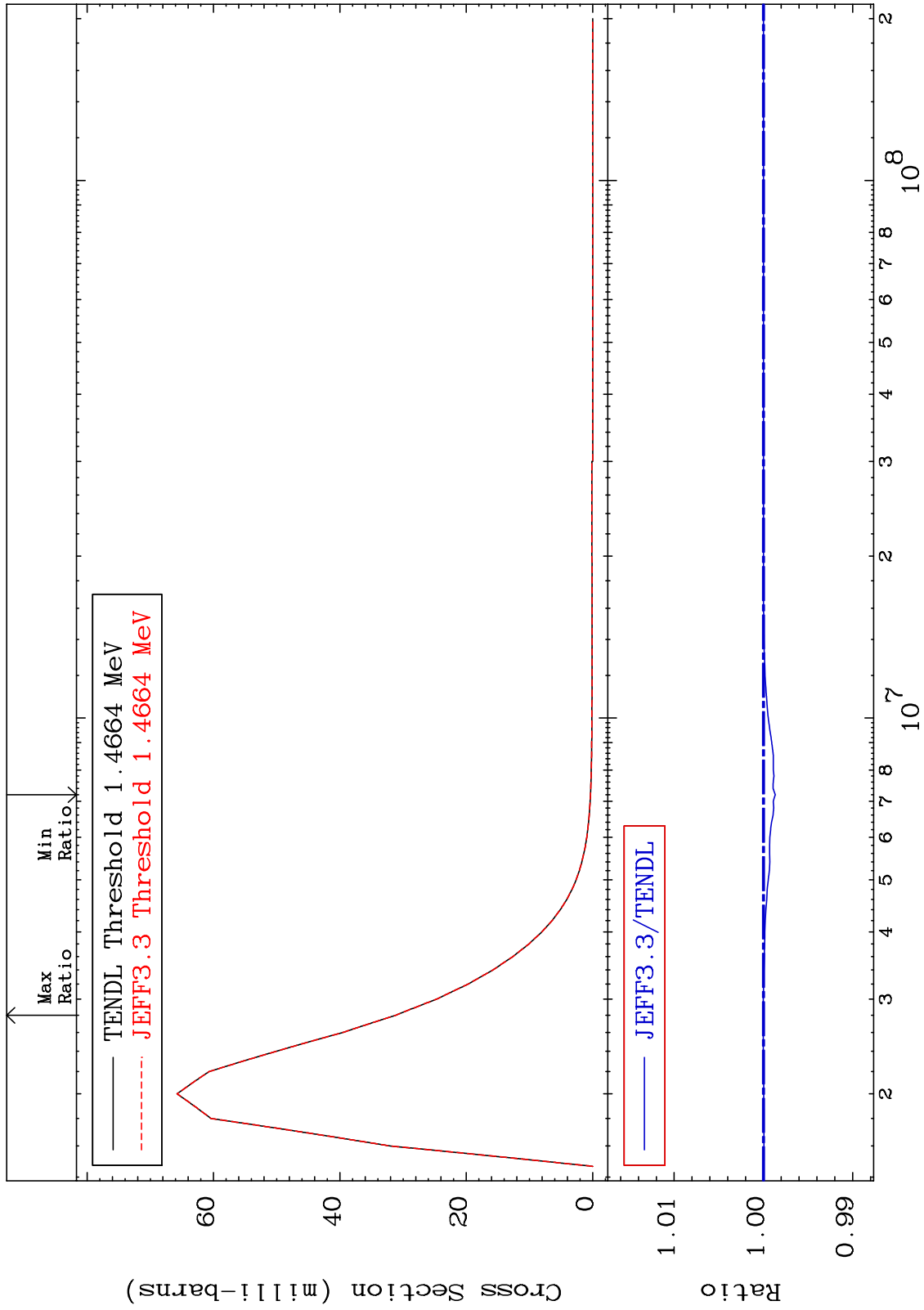
37-Rb-85
-0.184 To 0.006 %



MAT 3725

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

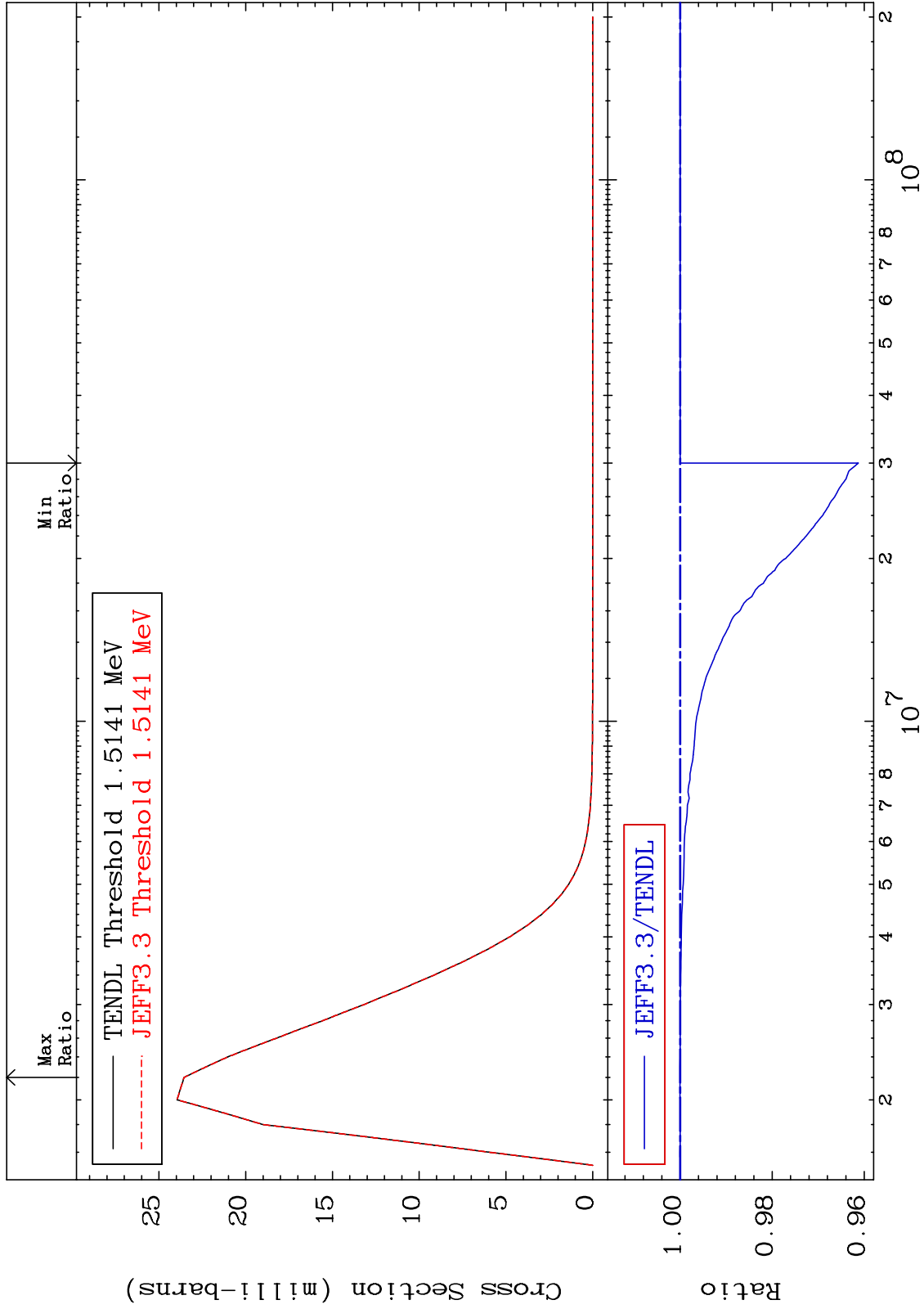
37-Rb-85
-0.132 To 0.002 %



MAT 3725

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

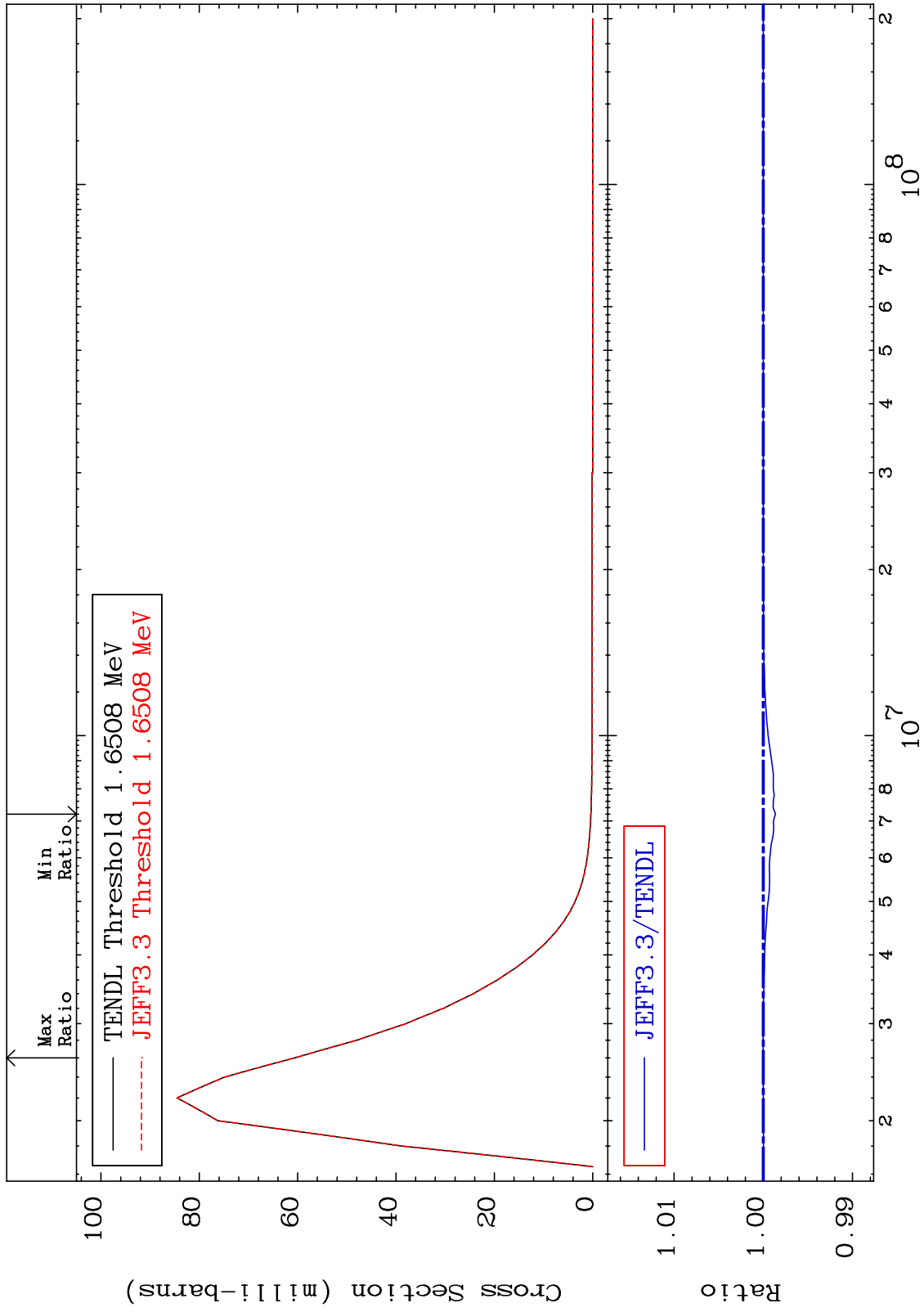
37-Rb-85
-3.874 To 0.003 %



MAT 3725

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

37-Rb-85
-0.135 To 0.003 %



35

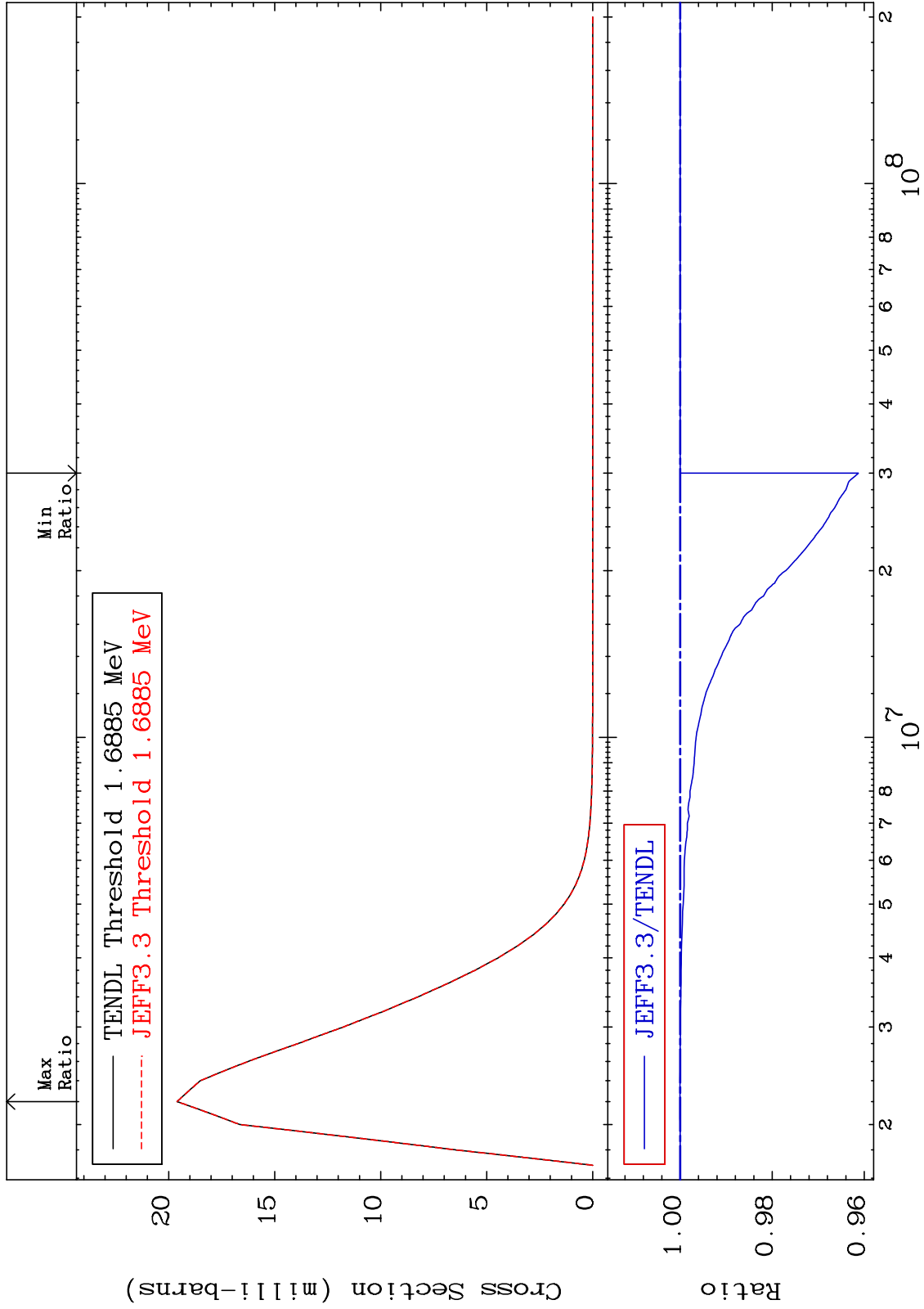
Incident Energy (eV)

37-Rb-85

MAT 3725

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

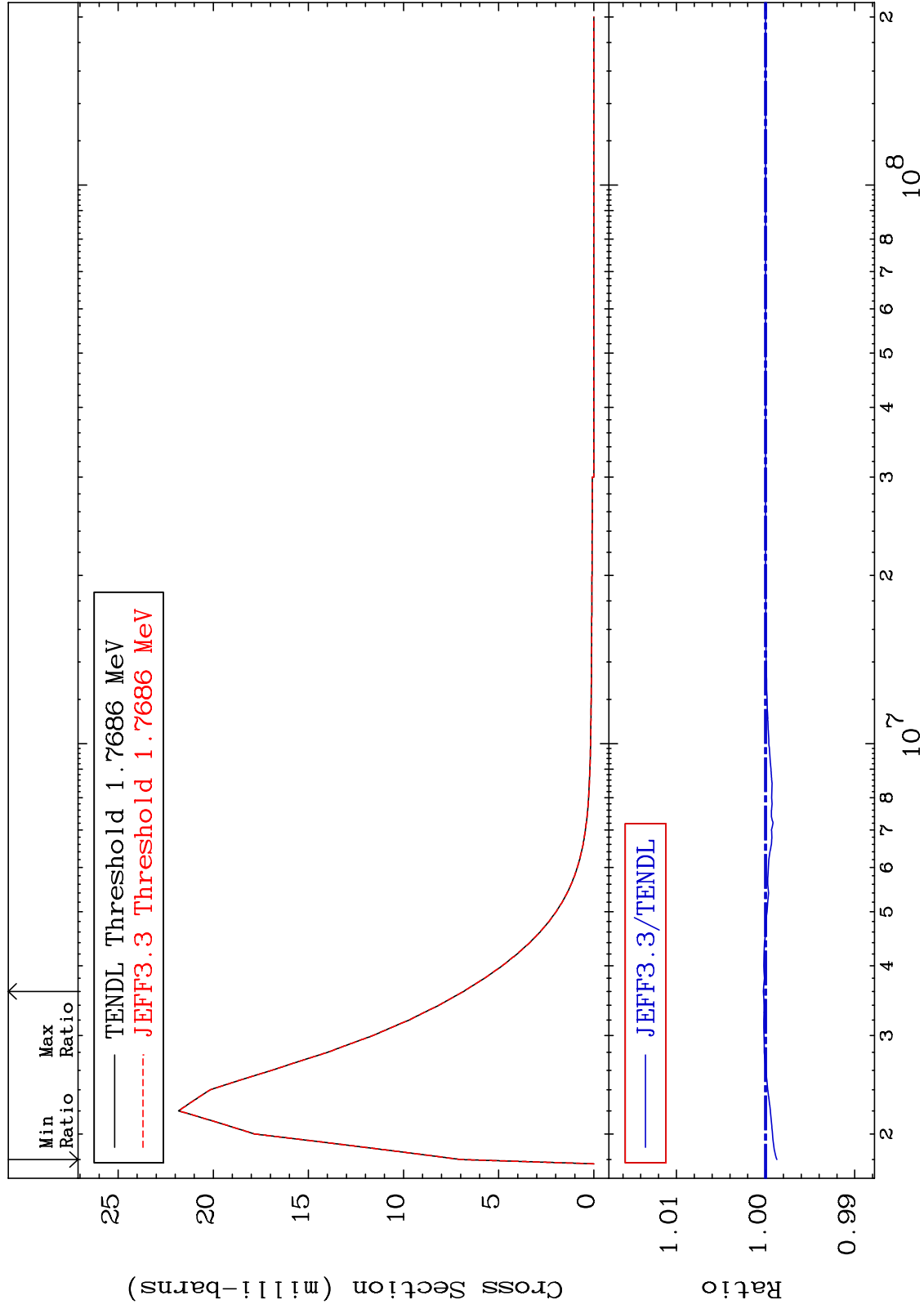
37-Rb-85
-3.873 To 0.004 %



MAT 3725

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

37-Rb-85
-0.127 To 0.024 %



37

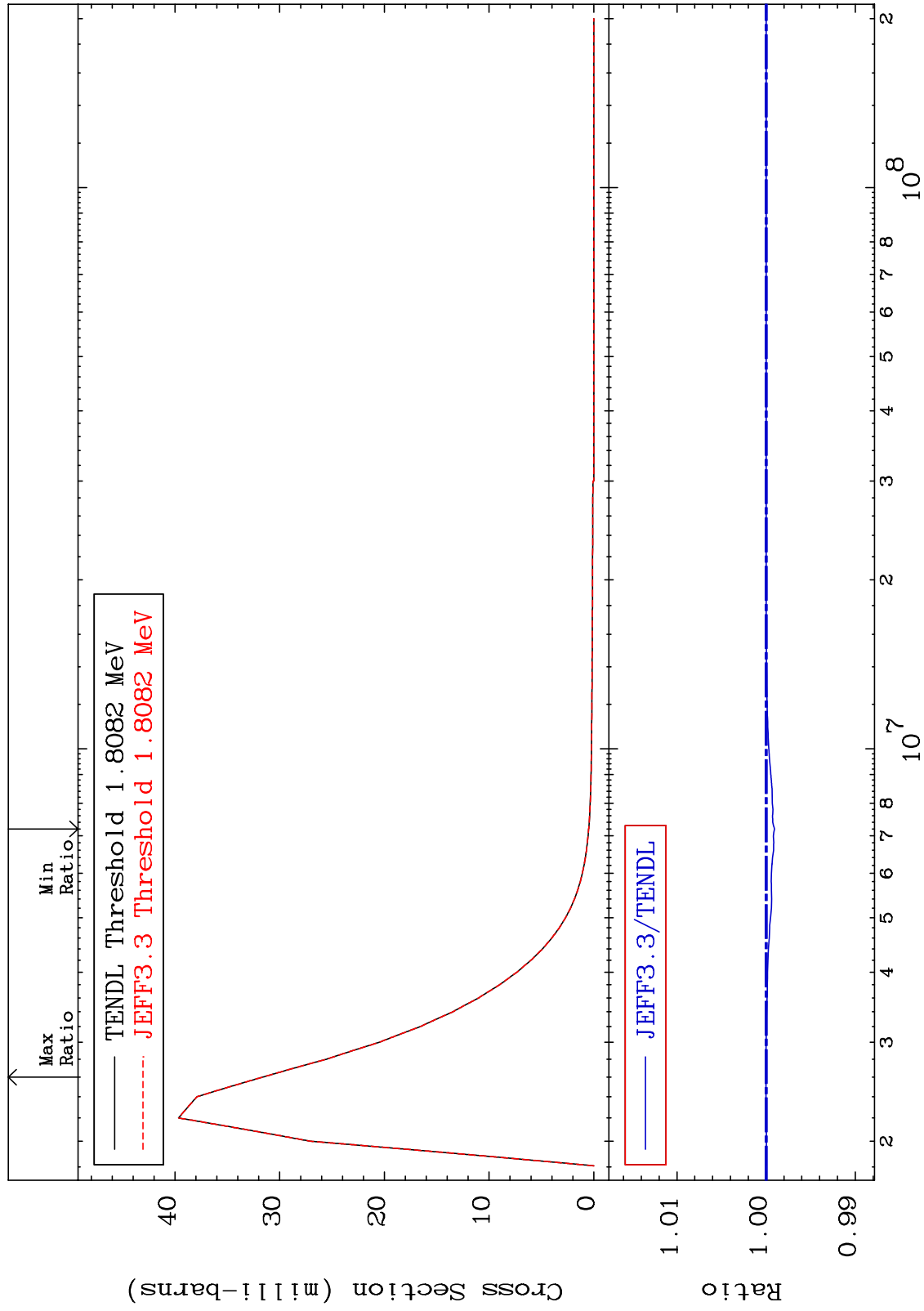
Incident Energy (eV)

37-Rb-85

MAT 3725

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

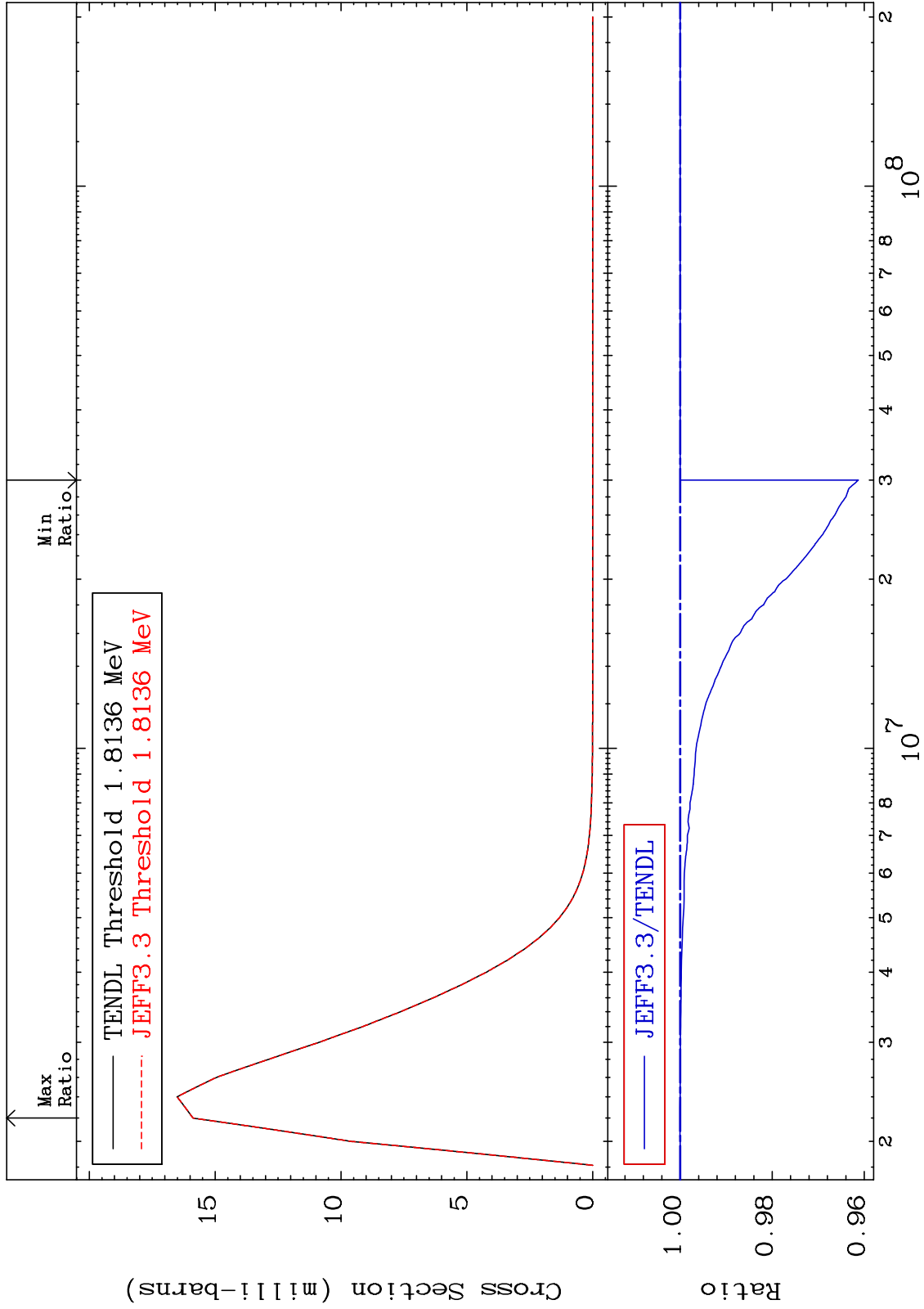
37-Rb-85
-0.092 To 0.002 %



MAT 3725

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

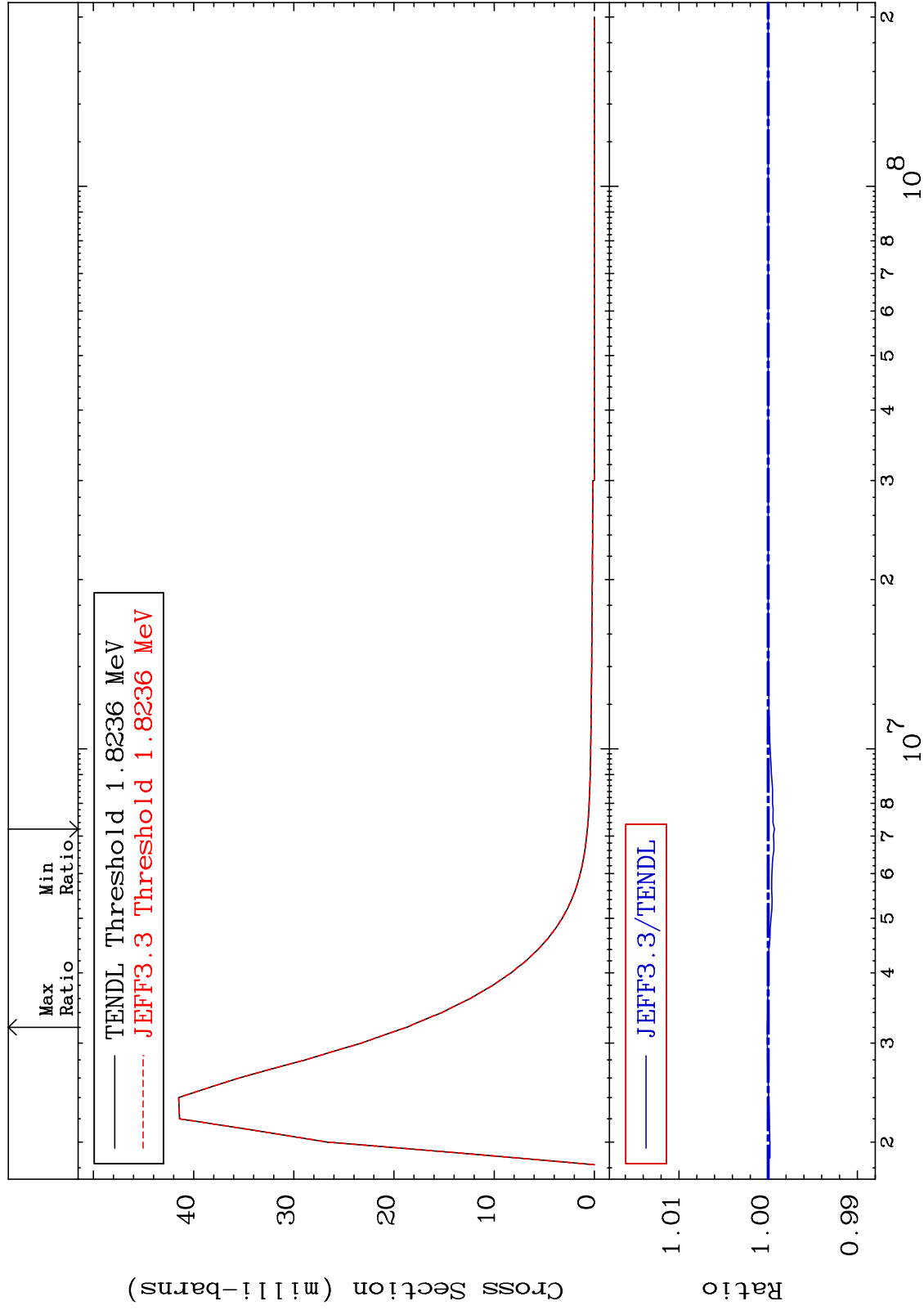
37-Rb-85
-3.873 To 0.004 %



MAT 3725

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

37-Rb-85
-0.070 To 0.010 %



40

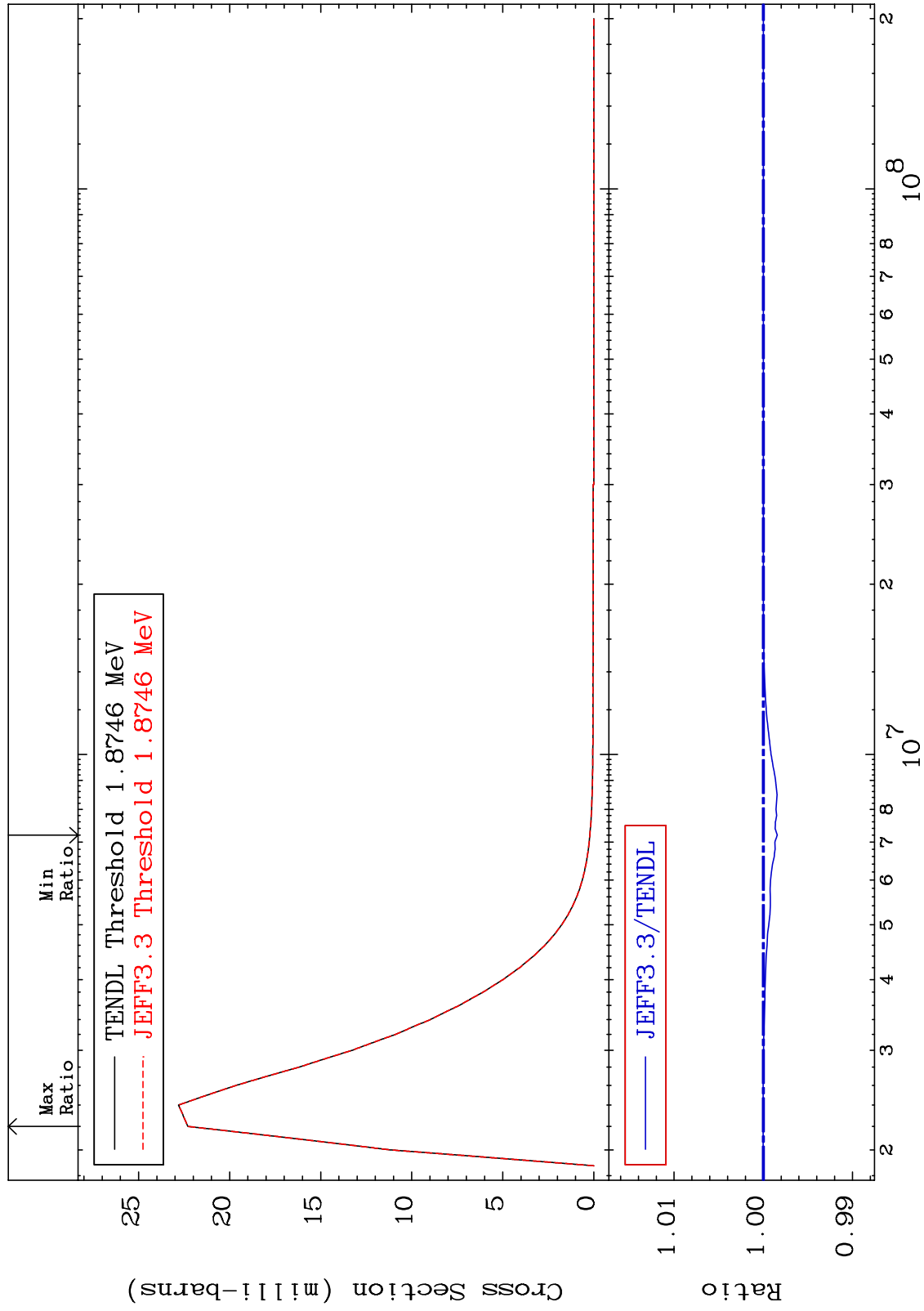
Incident Energy (eV)

37-Rb-85

MAT 3725

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

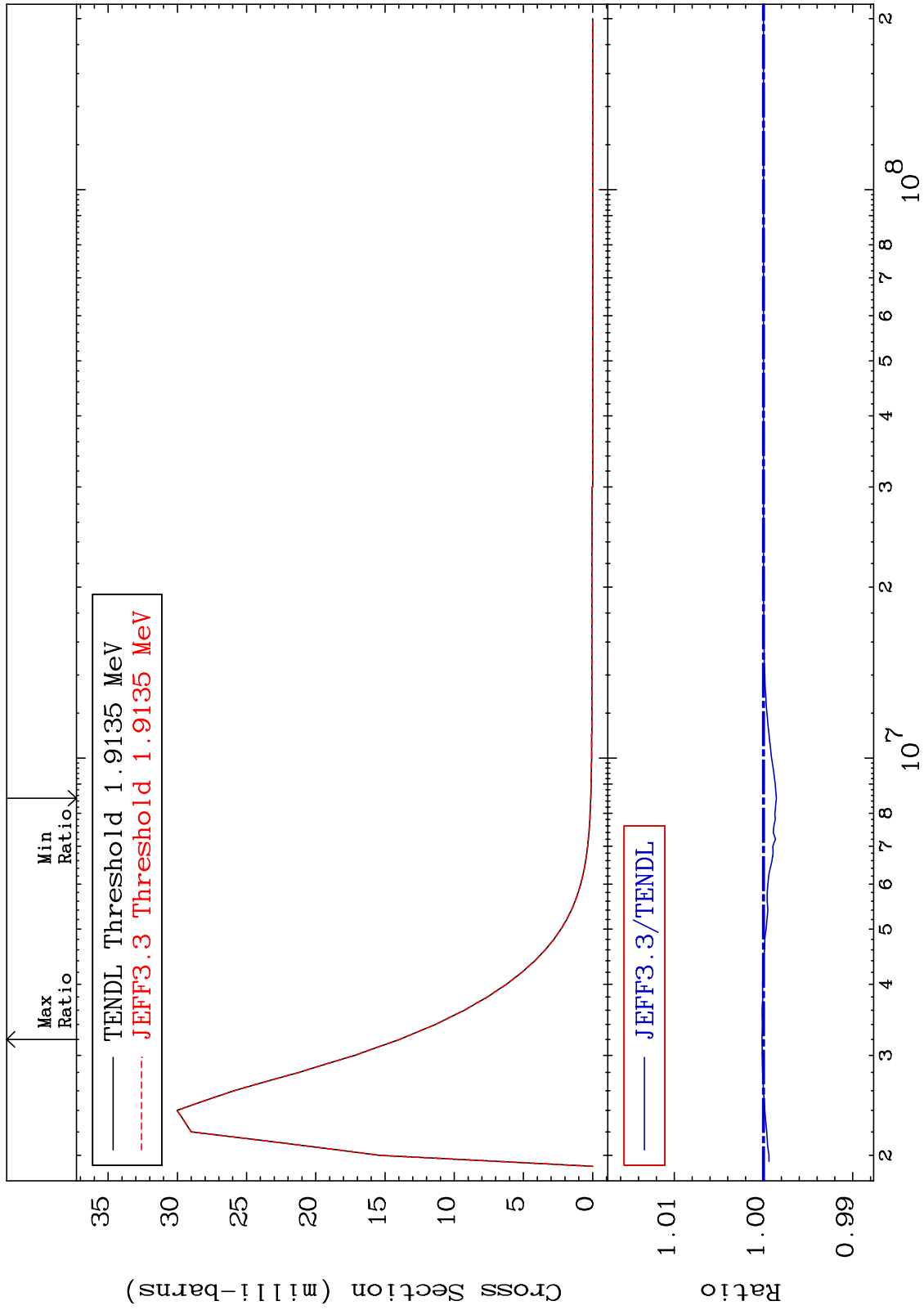
37-Rb-85
-0.157 To 0.003 %



MAT 3725

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

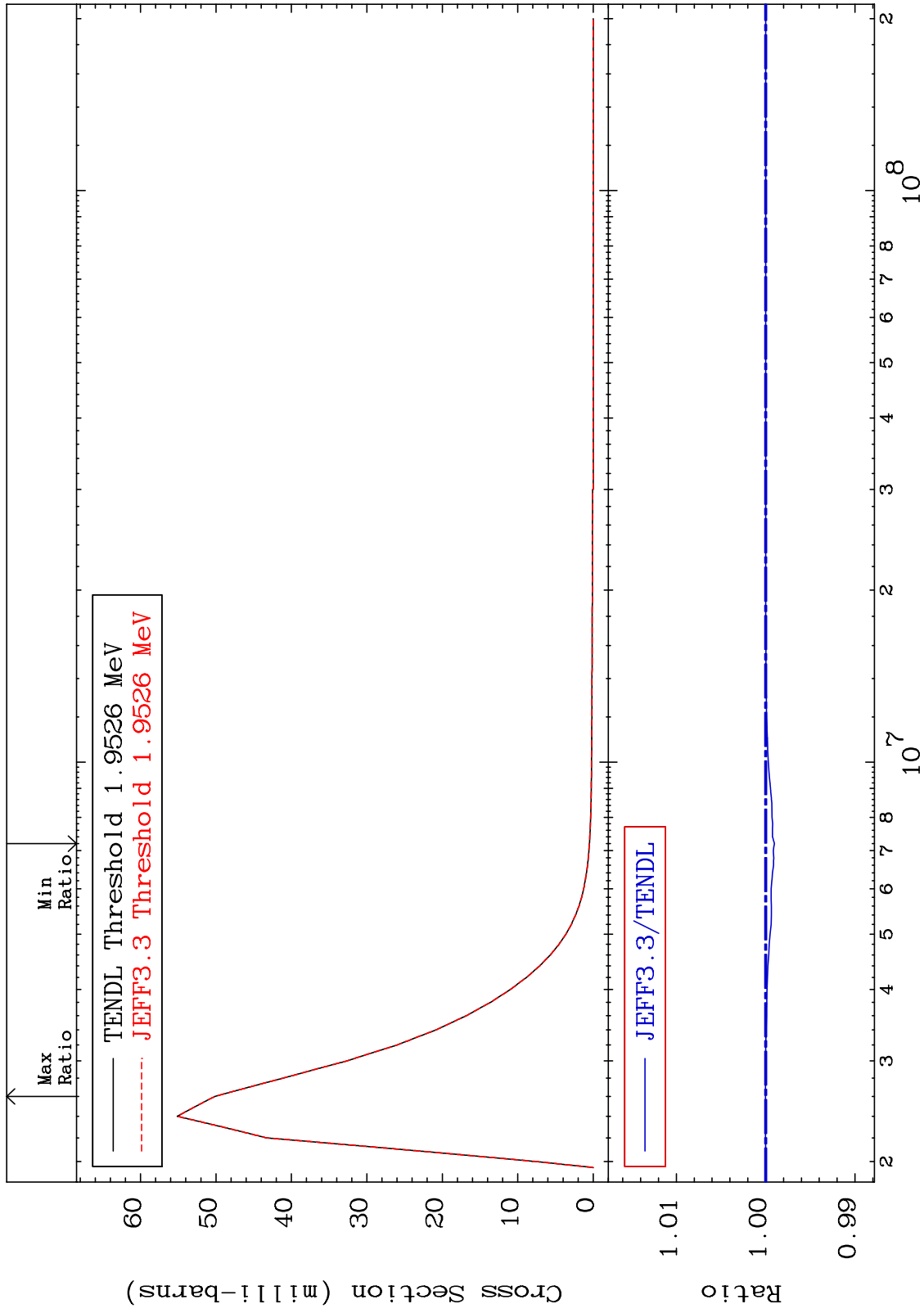
37-Rb-85
-0.145 To 0.017 %



MAT 3725

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

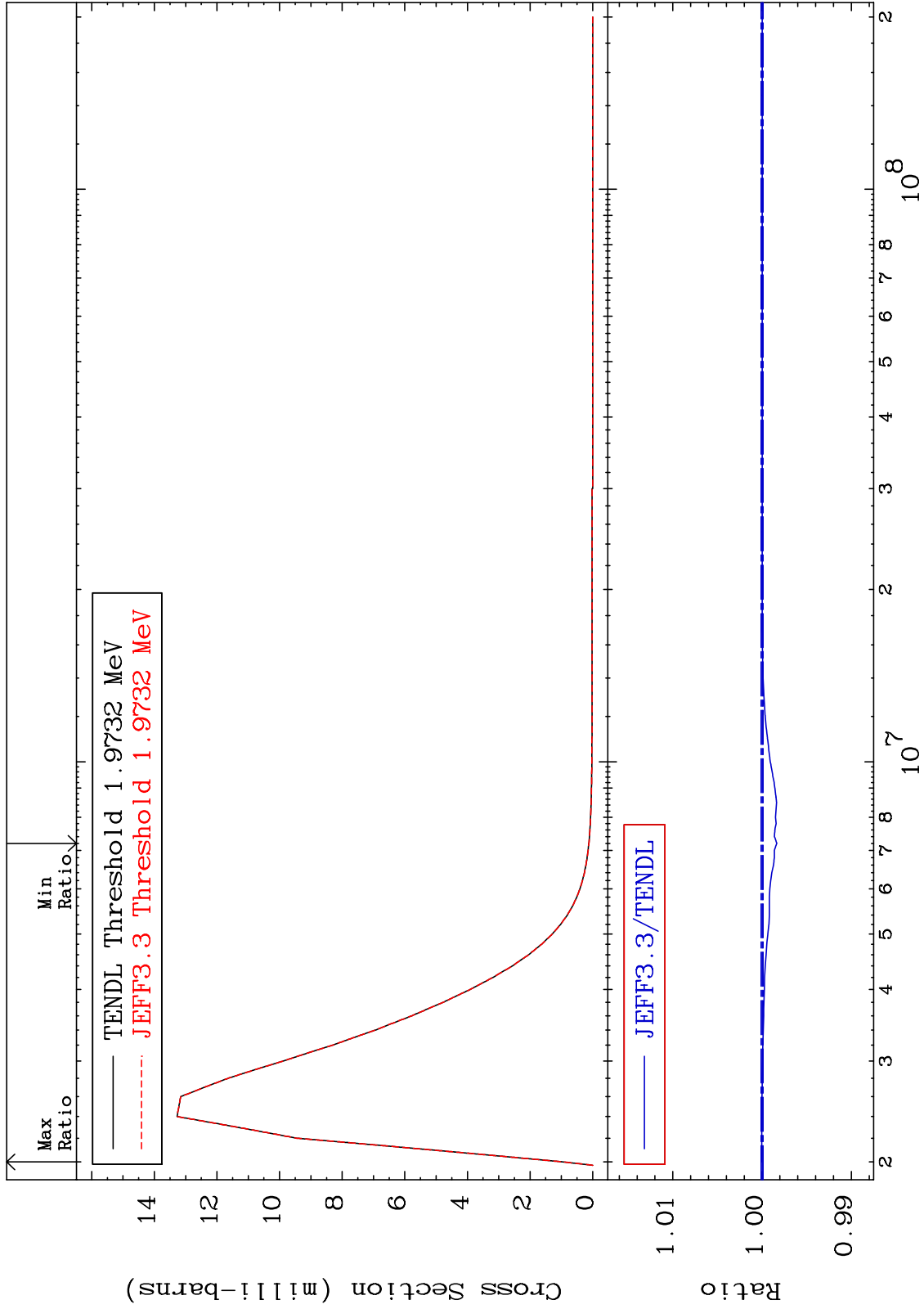
37-Rb-85
-0.098 To 0.003 %



MAT 3725

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

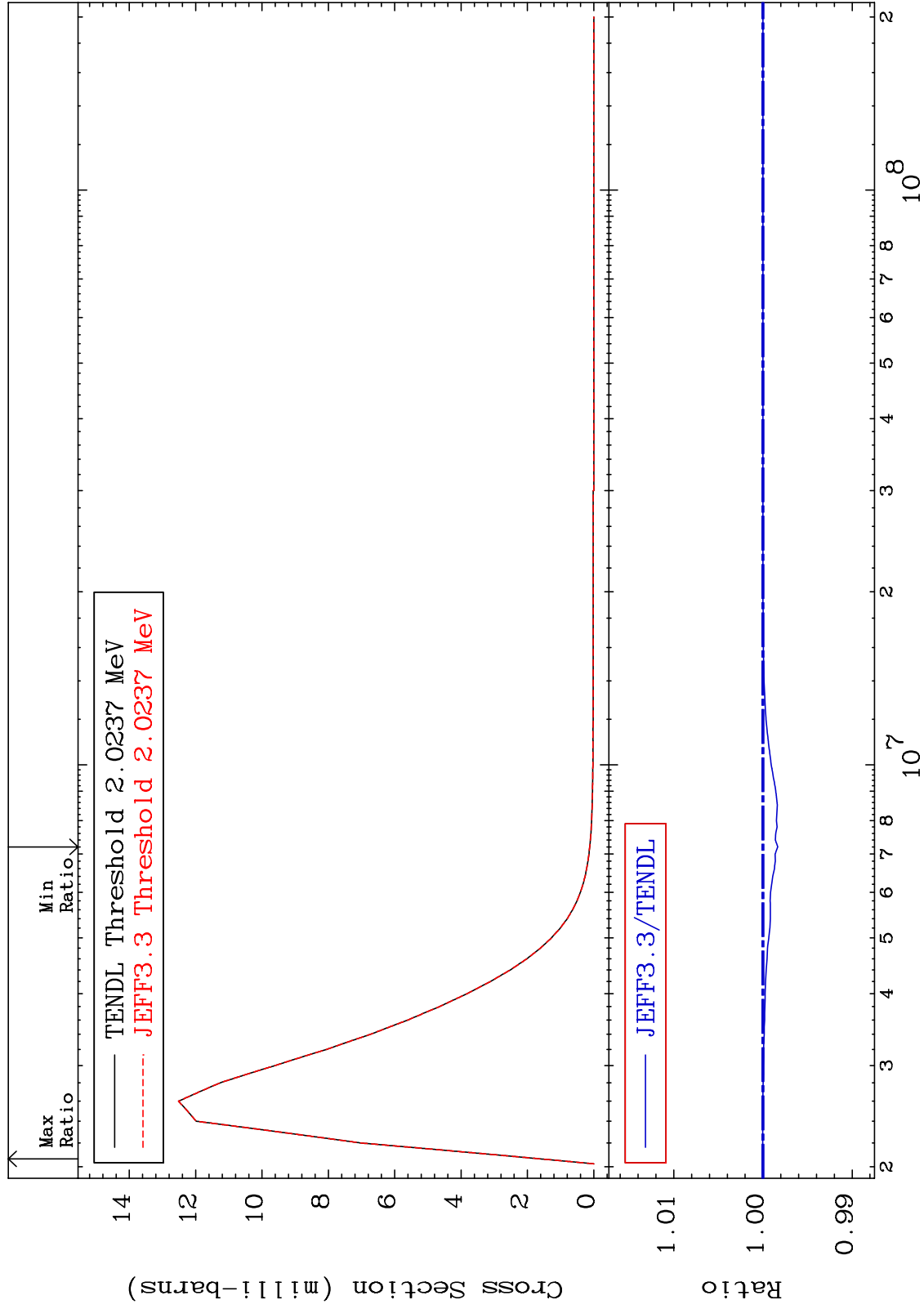
37-Rb-85
-0.165 To 0.005 %



MAT 3725

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

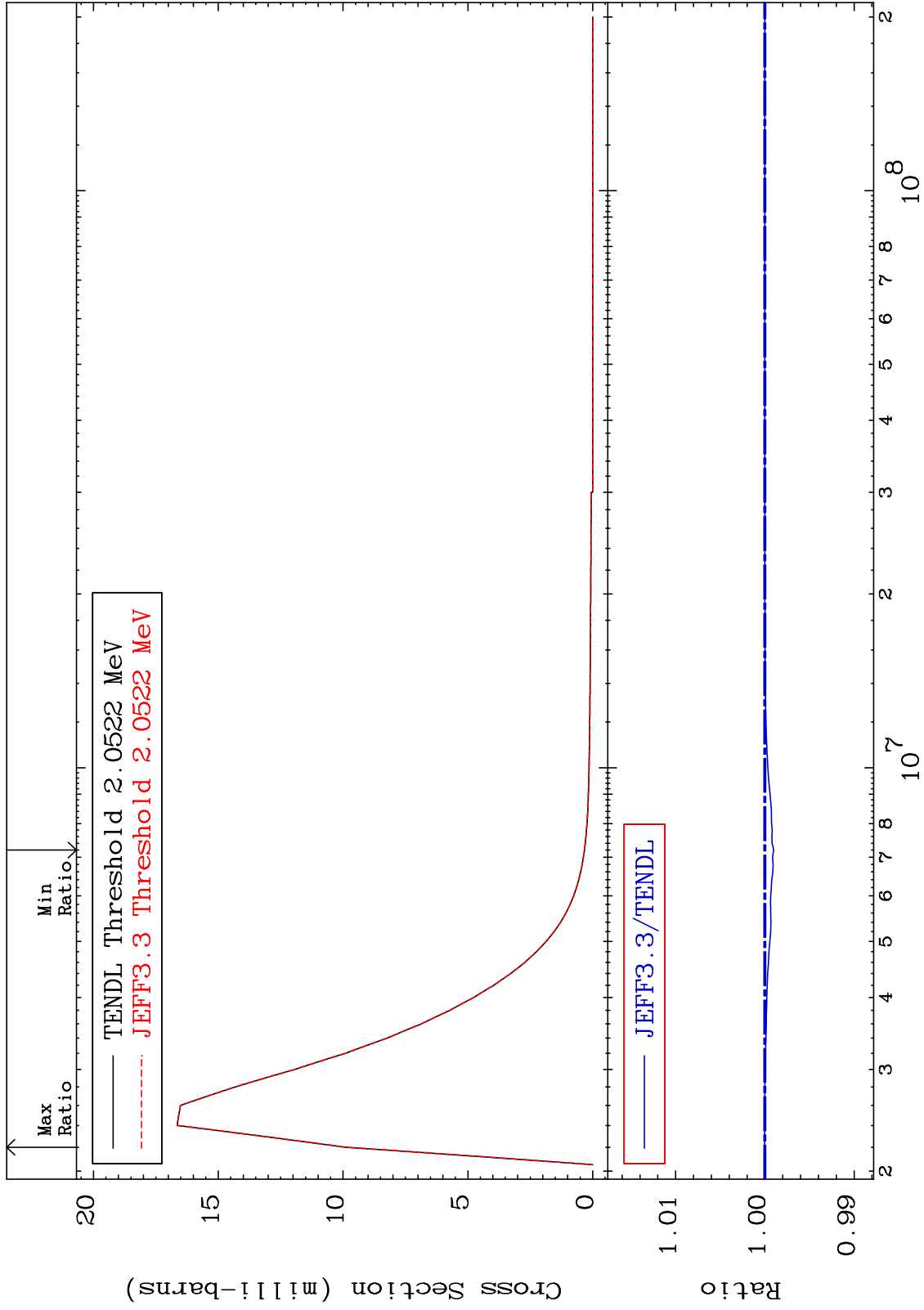
37-Rb-85
-0.165 To 0.004 %



MAT 3725

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

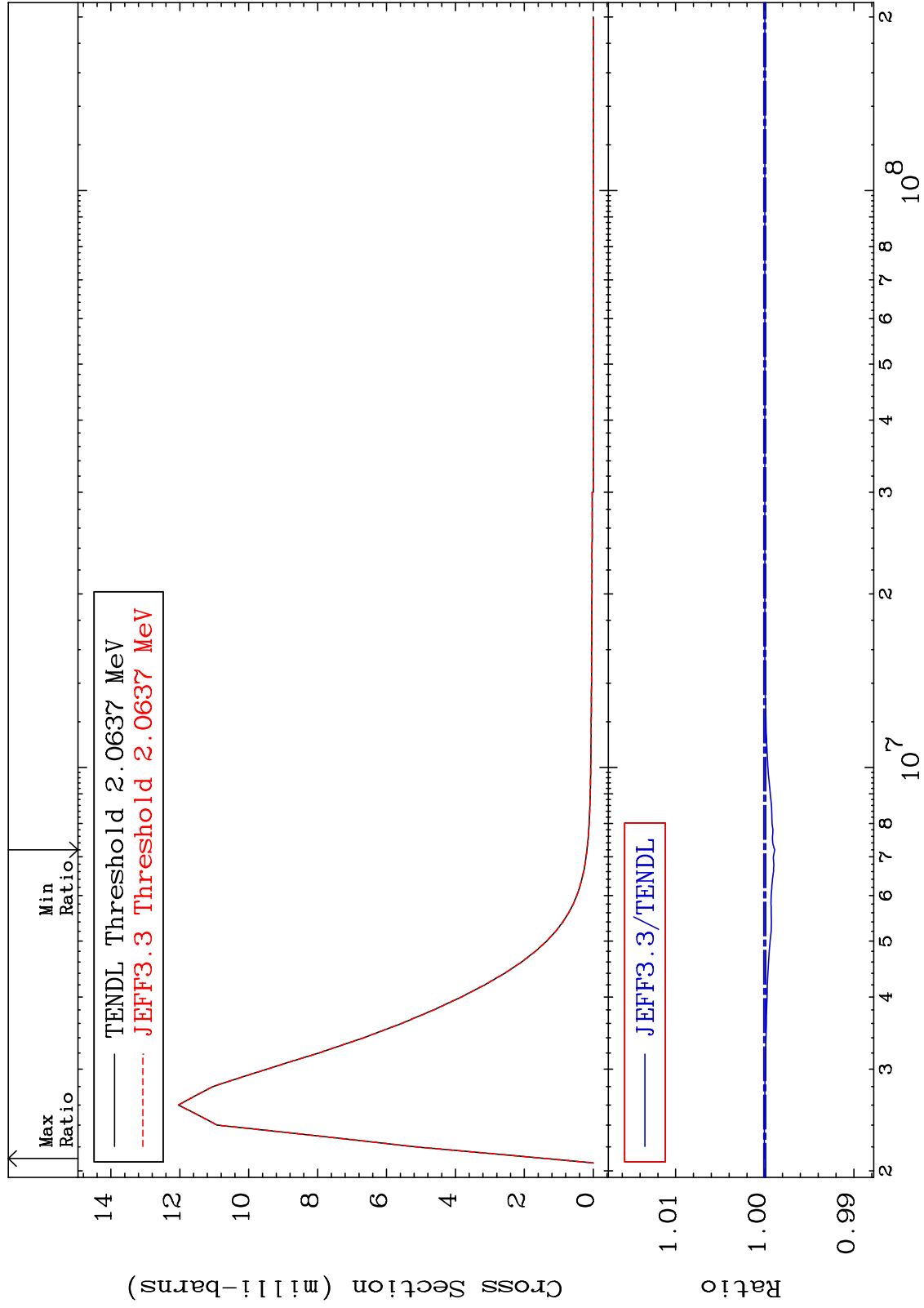
37-Rb-85
-0.100 To 0.003 %



MAT 3725

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

37-Rb-85
-0.110 To 0.004 %



47

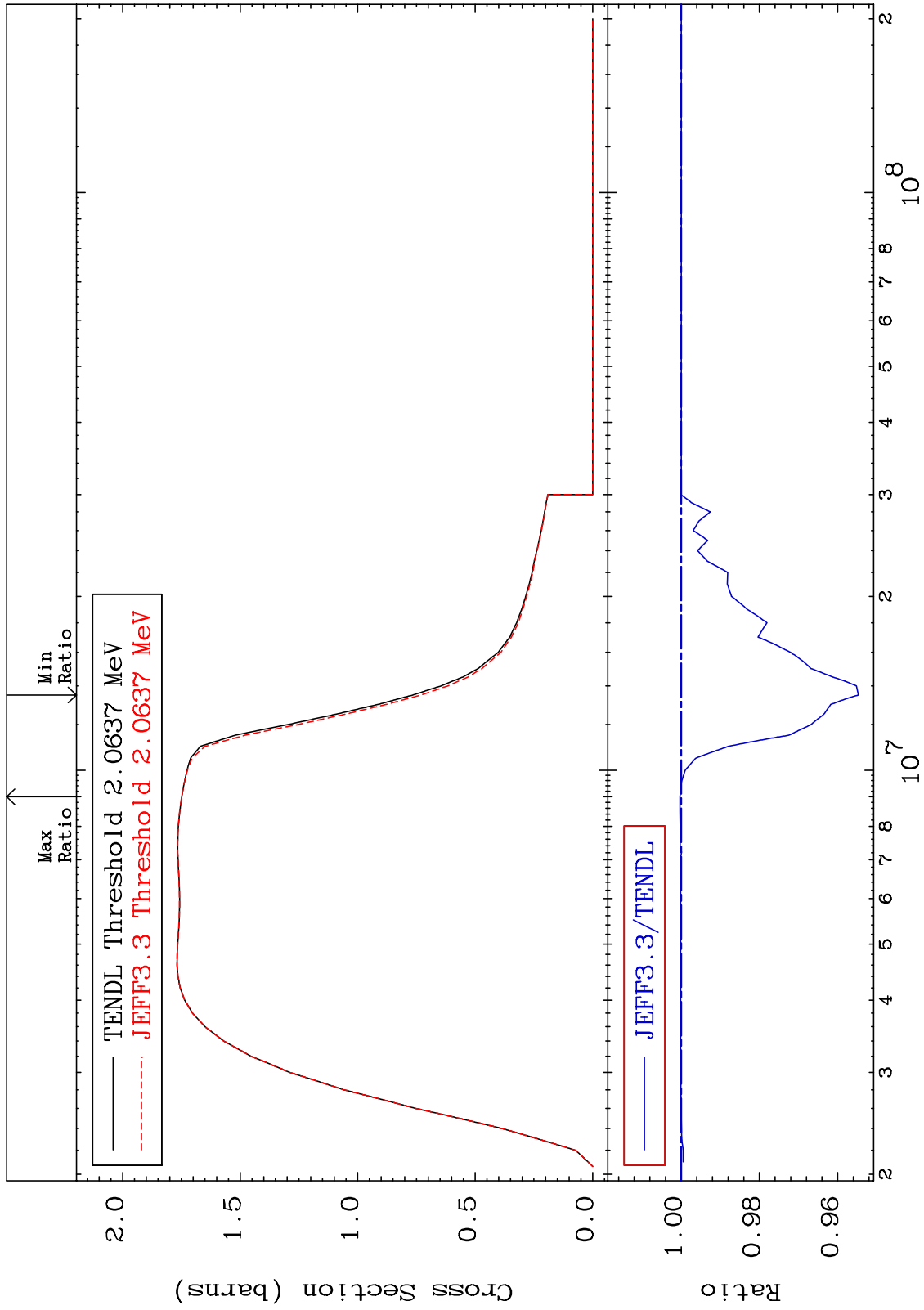
Incident Energy (eV)

37-Rb-85

MAT 3725

(n, n') Continuum
Cross Section

37-Rb-85
-4.530 To 0.030 %



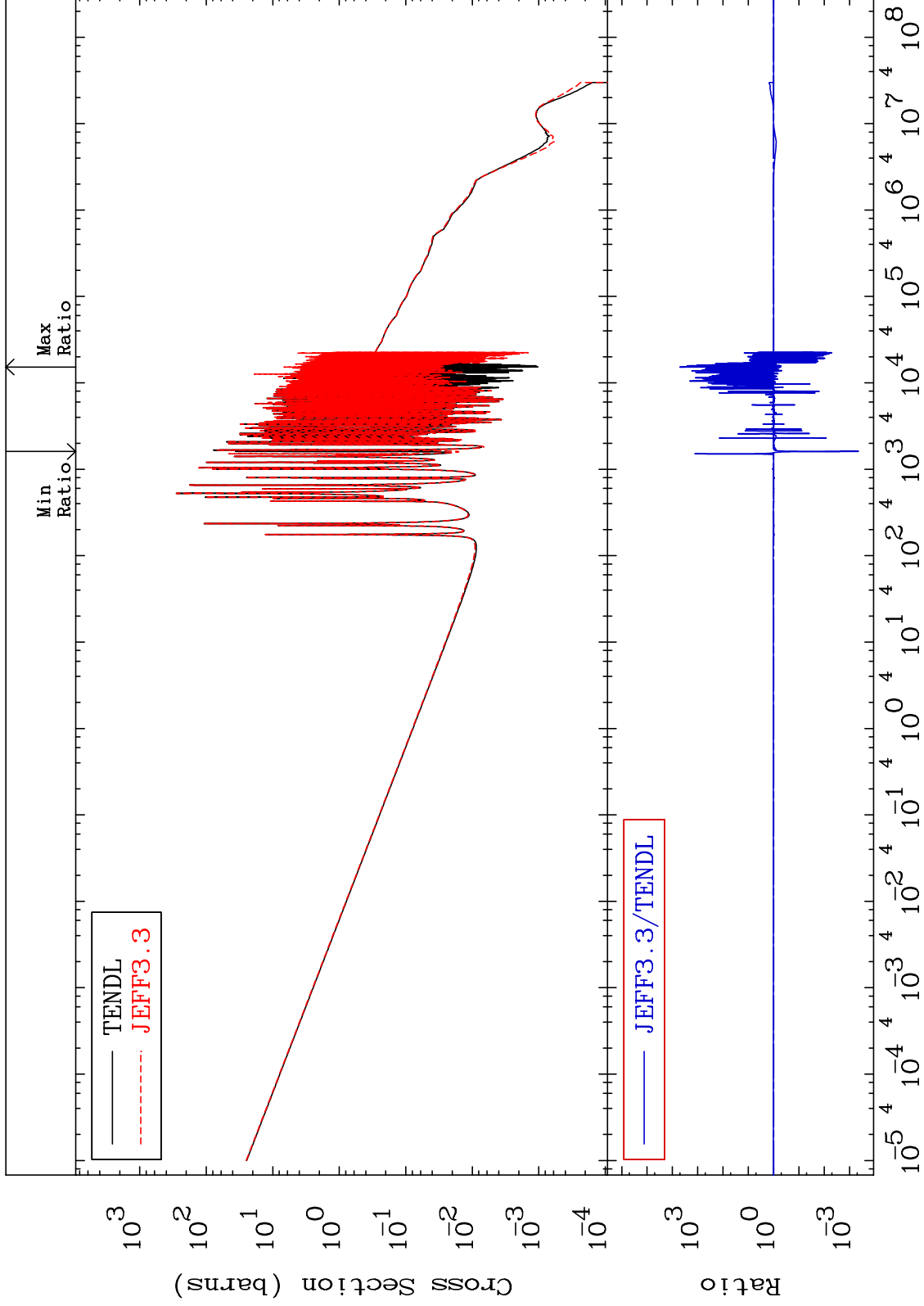
MAT 3725

(n, γ)

37-Rb-85

Cross Section

-99.96 To 9999. %



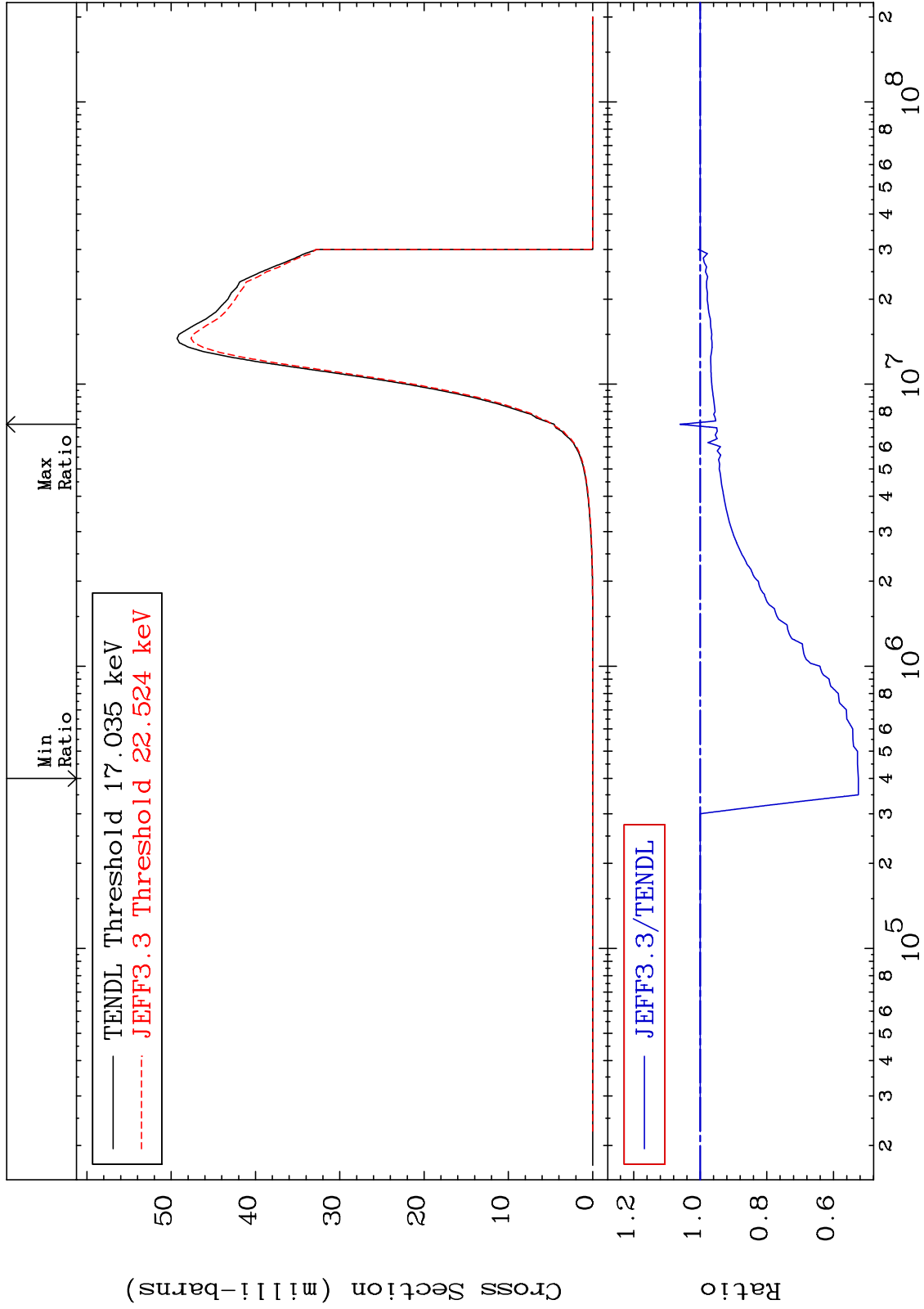
MAT 3725

(n, p)

³⁷Rb-85

Cross Section

-47.50 To 6.080 %



50

Incident Energy (eV)

³⁷Rb-85

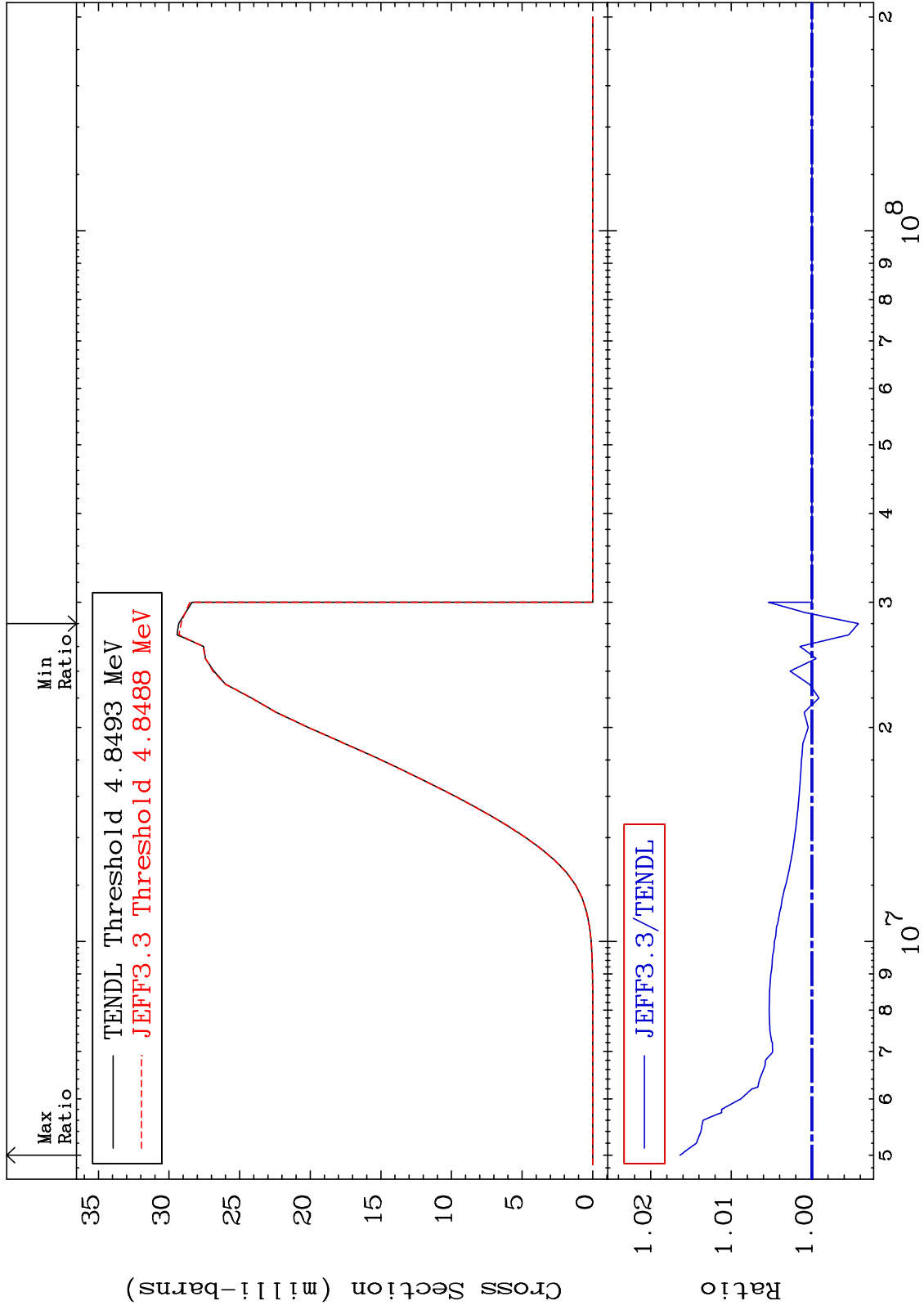
MAT 3725

(n, d)

37-Rb-85

-0.576 To 1.636 %

Cross Section



51

Incident Energy (eV)

37-Rb-85

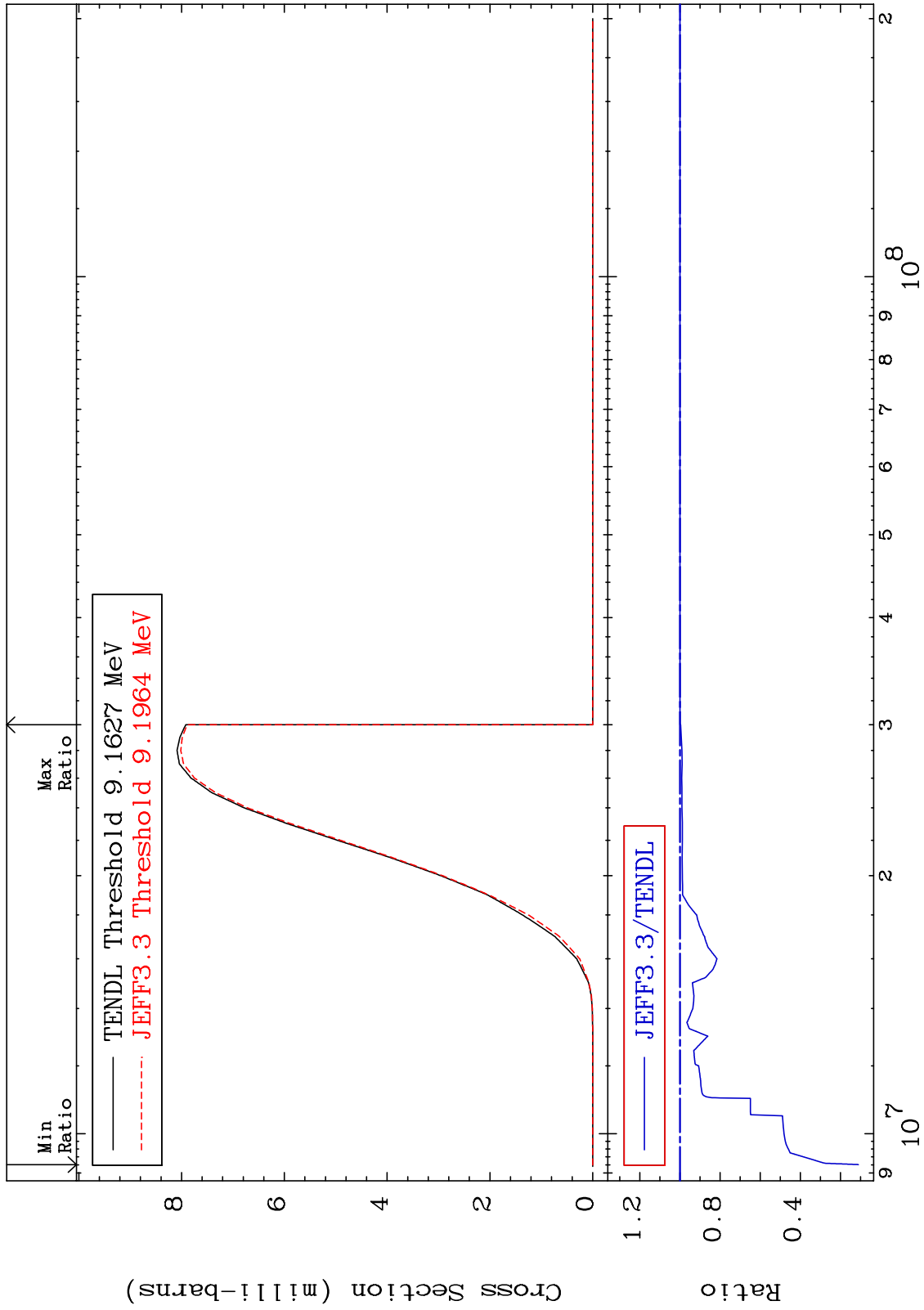
MAT 3725

(n, t)

37-Rb-85

Cross Section

-88.95 To 0.000 %



52

Incident Energy (eV)

37-Rb-85

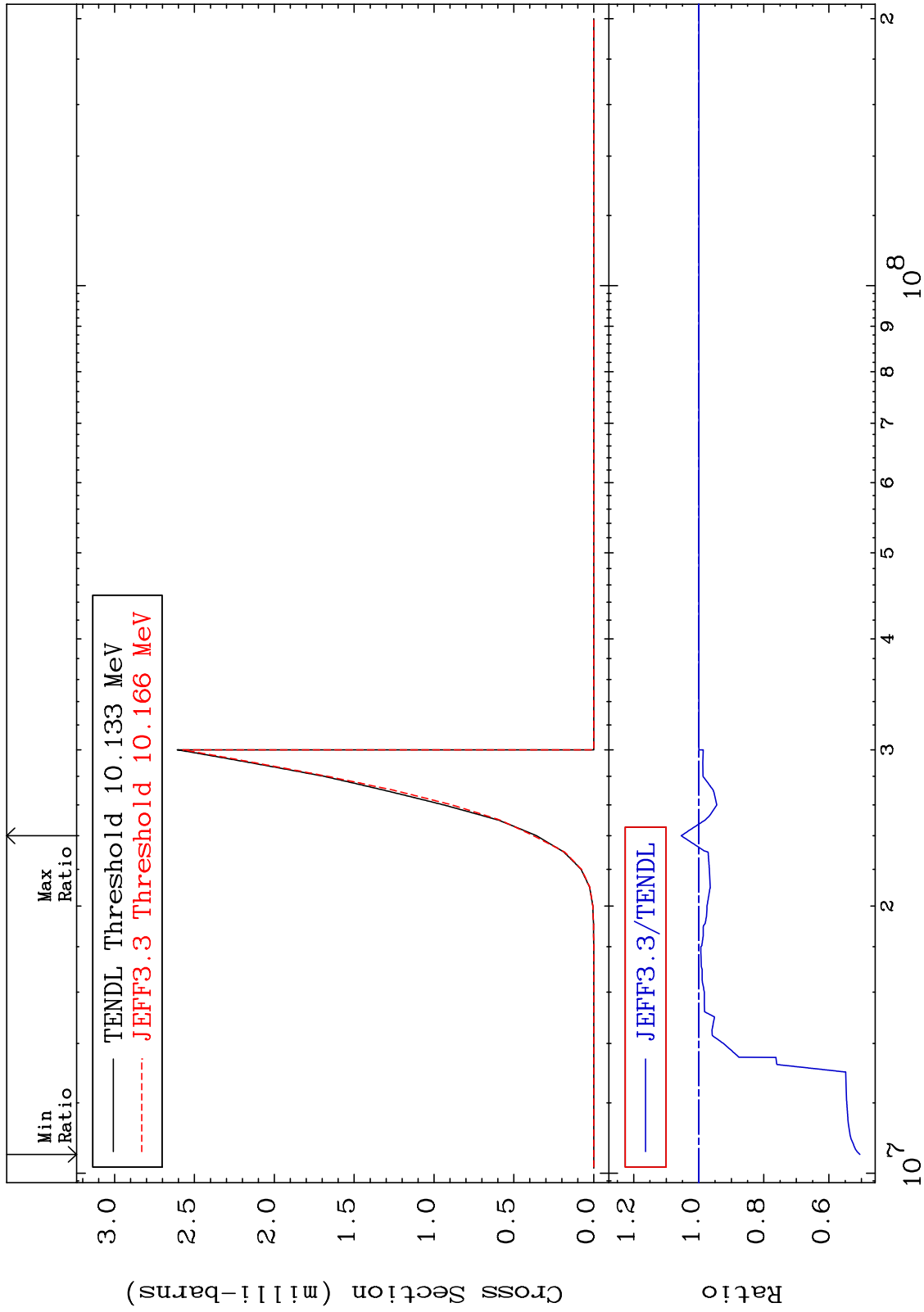
MAT 3725

(n, He-3)

37-Rb-85

Cross Section

-49.53 To 5.392 %



Incident Energy (eV)

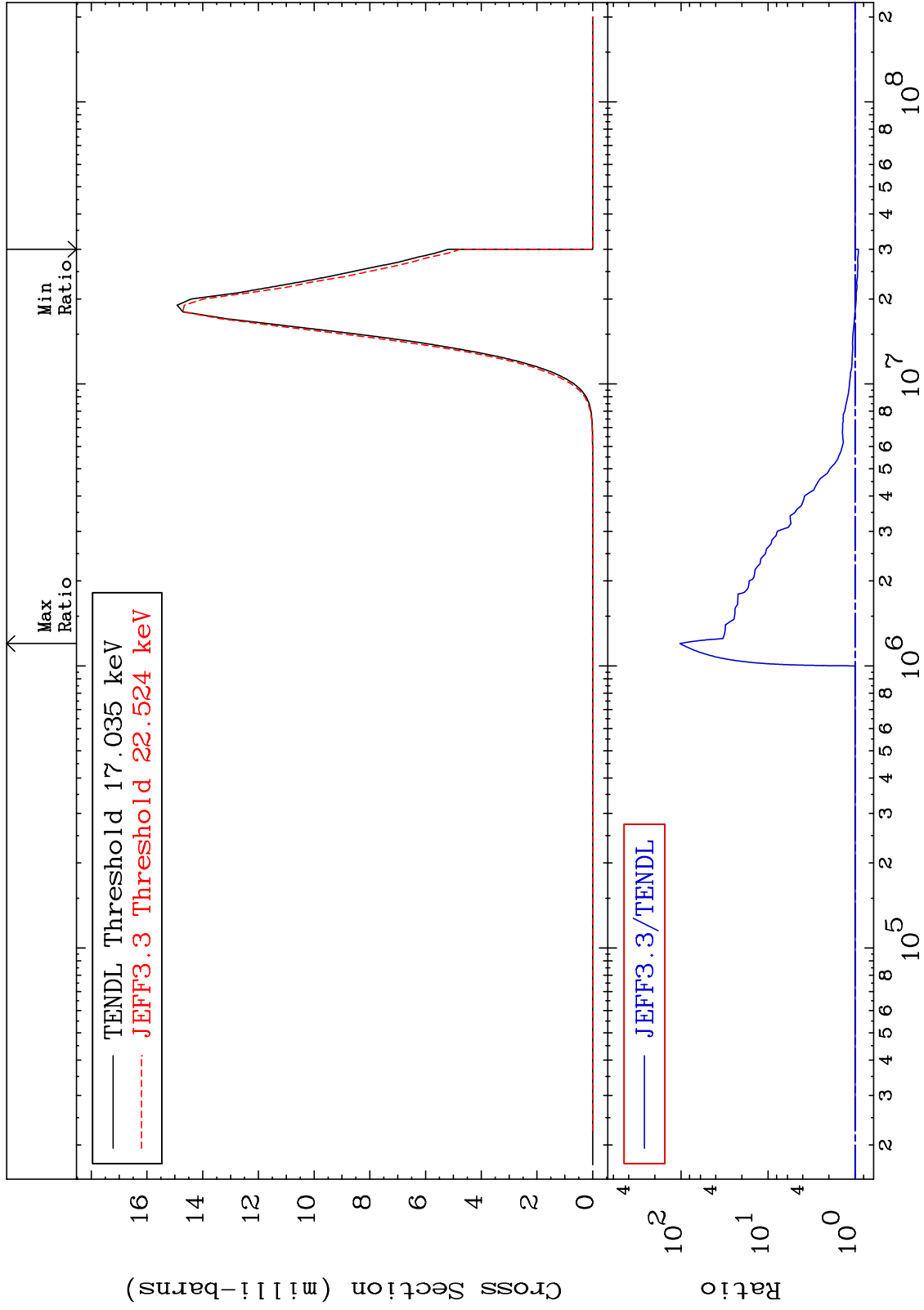
37-Rb-85

53

MAT 3725

³⁷Rb-85

(n,α)
Cross Section
-8.451 To 9999. %



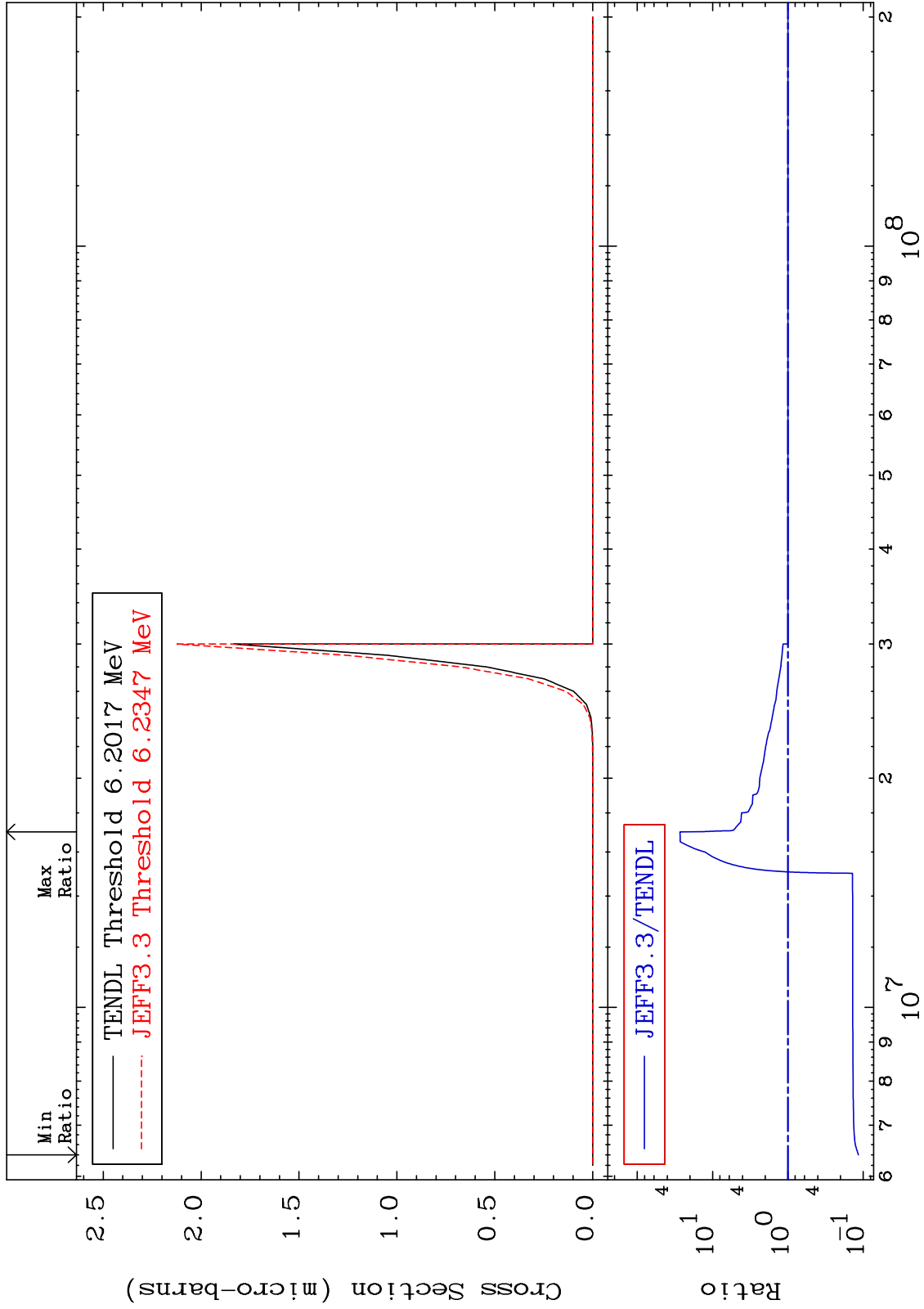
MAT 3725

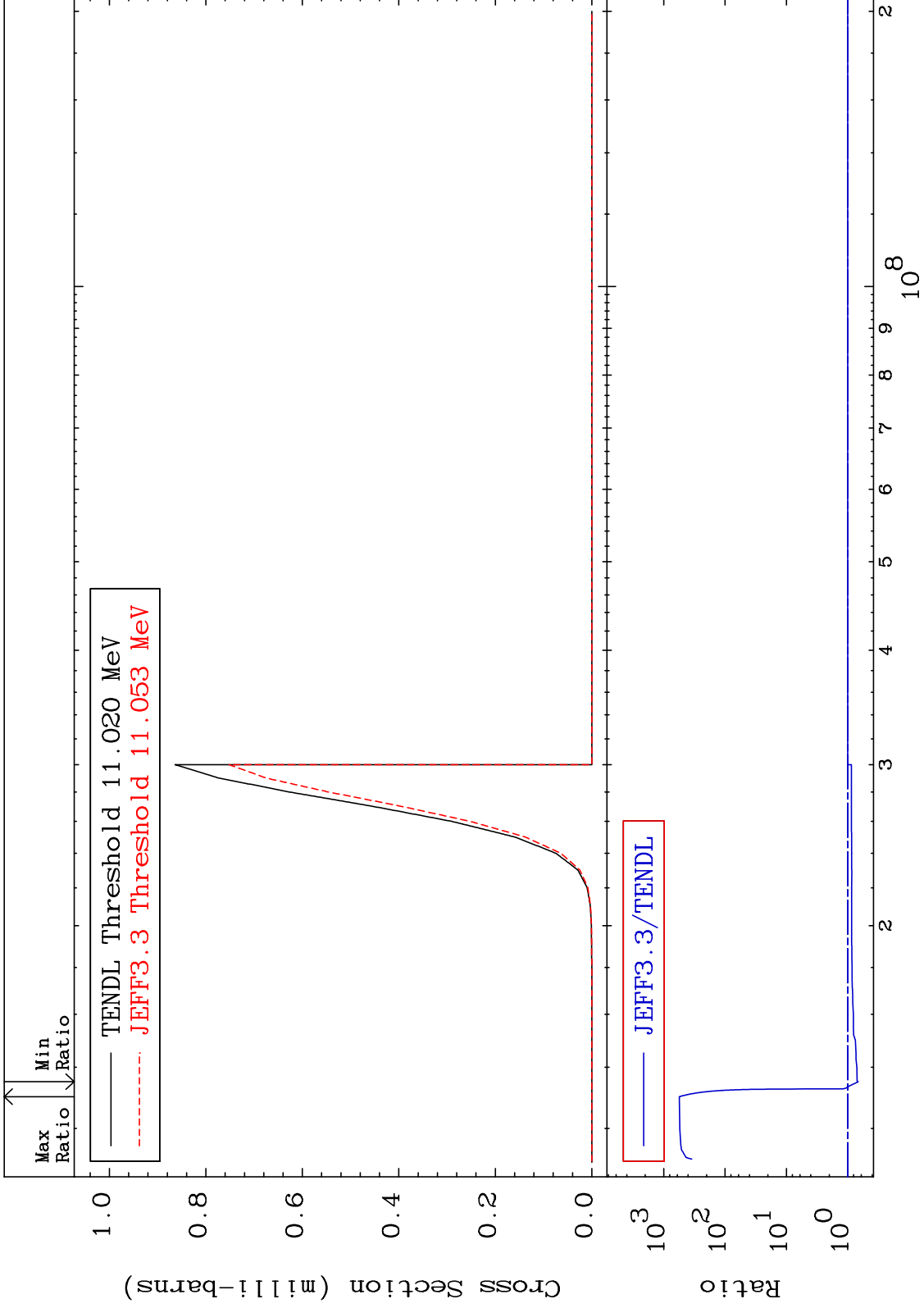
(n, 2α)

37-Rb-85

Cross Section

-88.43 To 2605. %





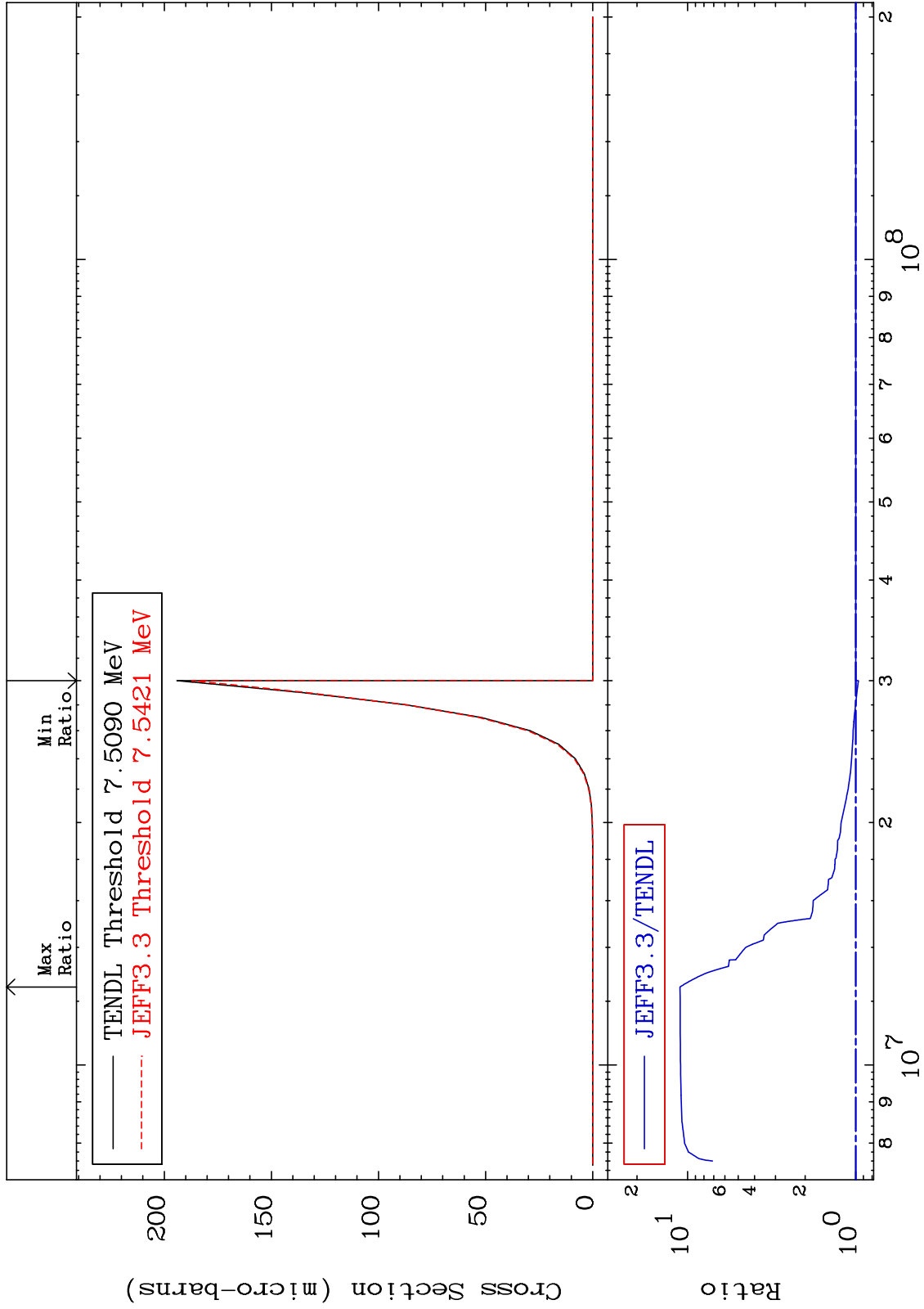
MAT 3725

(n,p) α

37-Rb-85

Cross Section

-3.555 To 1010. %



57

Incident Energy (eV)

37-Rb-85

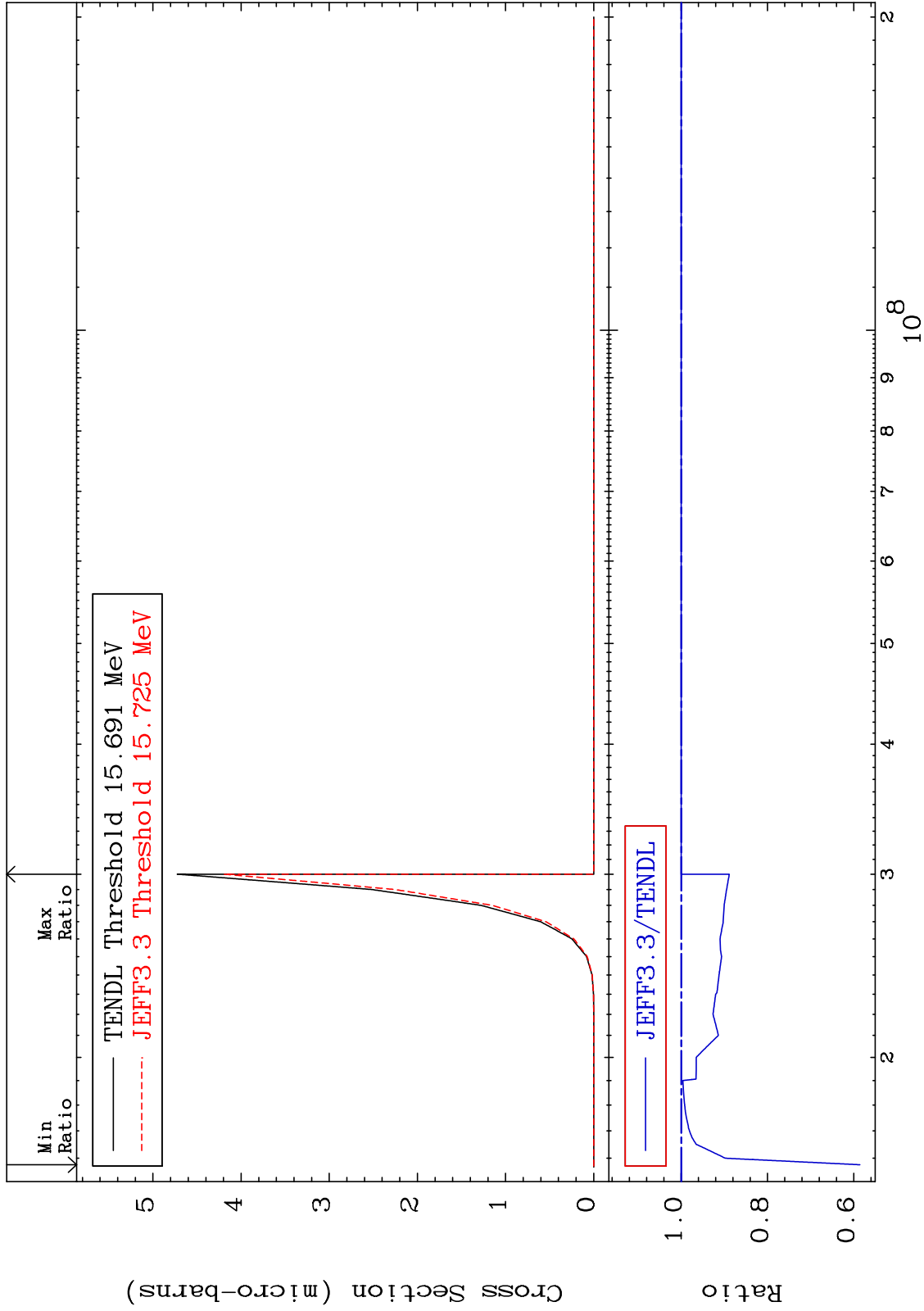
MAT 3725

(n,p) d

37-Rb-85

Cross Section

-41.41 To 0.000 %



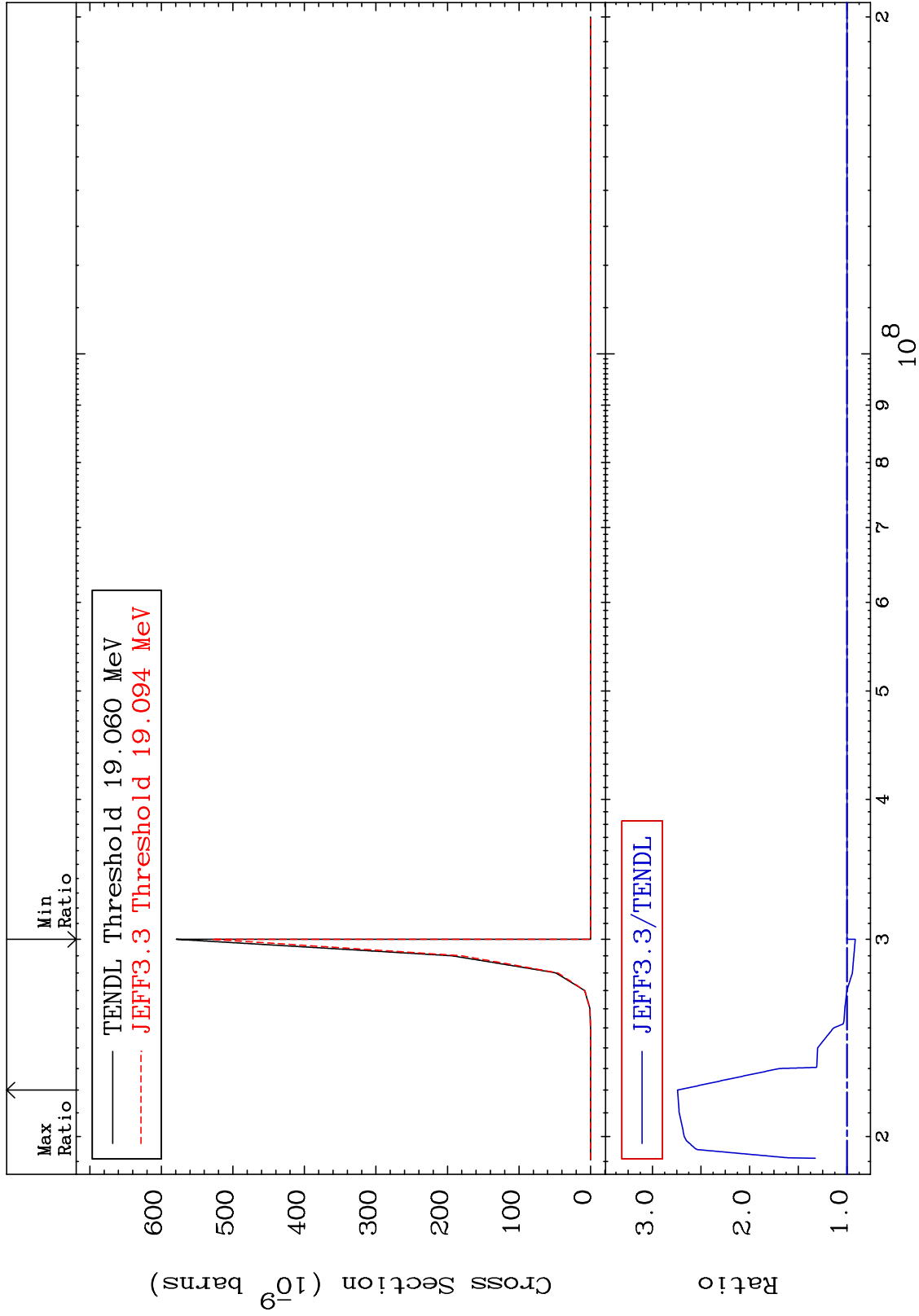
MAT 3725

(n,p) t

³⁷Rb-85

Cross Section

-8.578 To 174.2 %



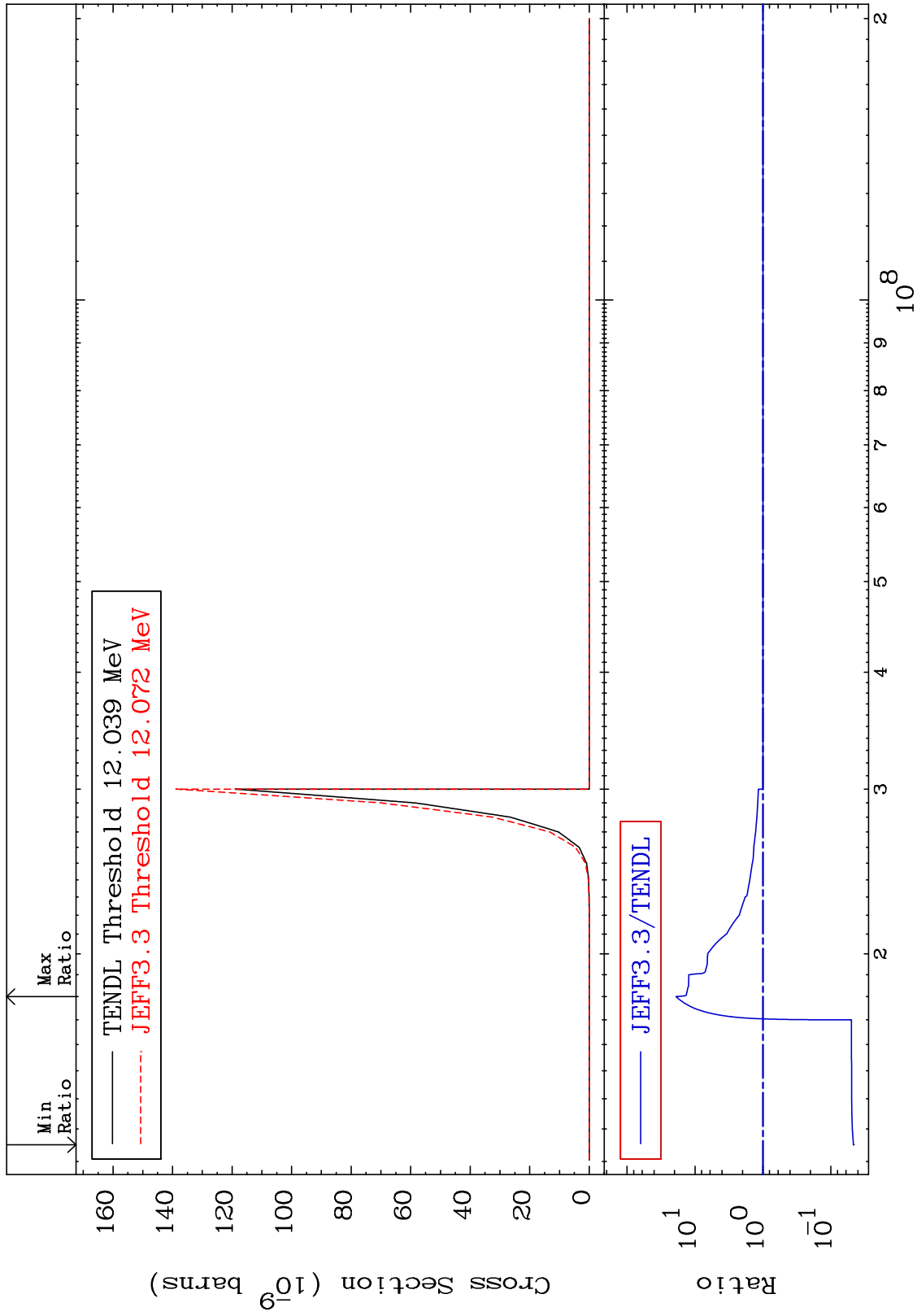
MAT 3725

(n,d) α

37-Rb-85

Cross Section

-95.34 To 1799. %



60

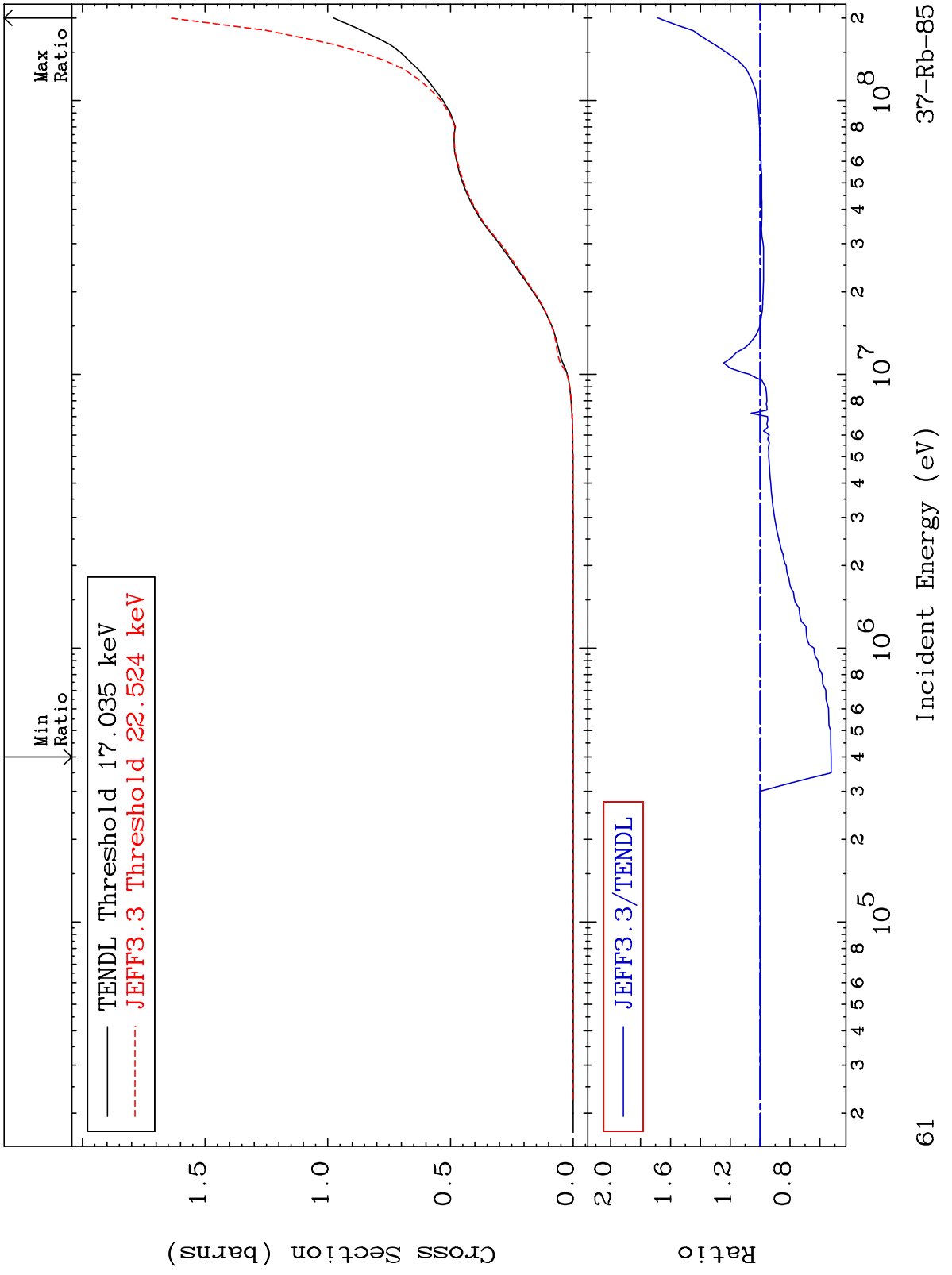
Incident Energy (eV)

37-Rb-85

MAT 3725

Hydrogen Production
Cross Section

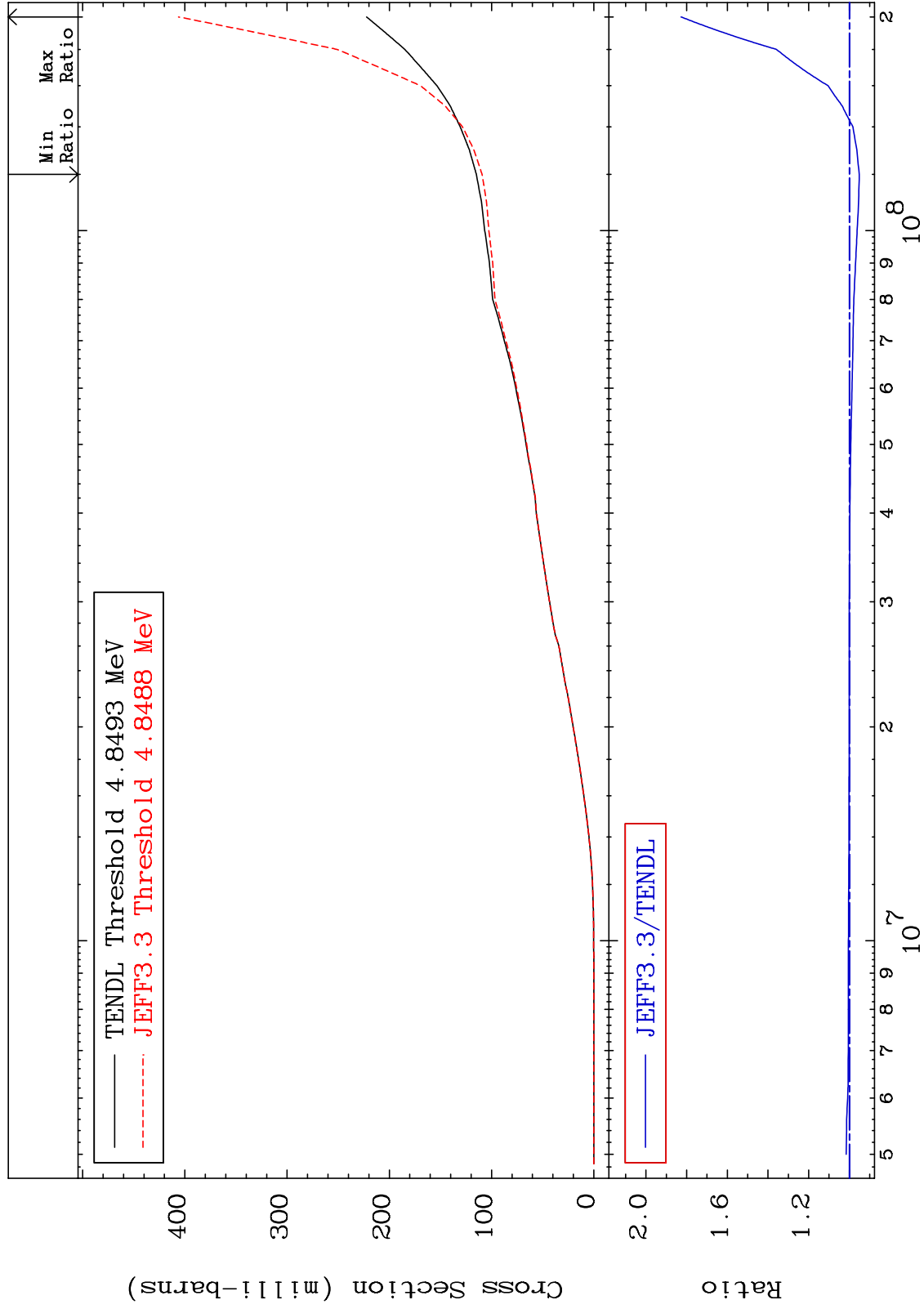
37-Rb-85
-47.50 To 68.40 %



MAT 3725

Deuterium Production
Cross Section

37-Rb-85
-4.860 To 82.74 %



62

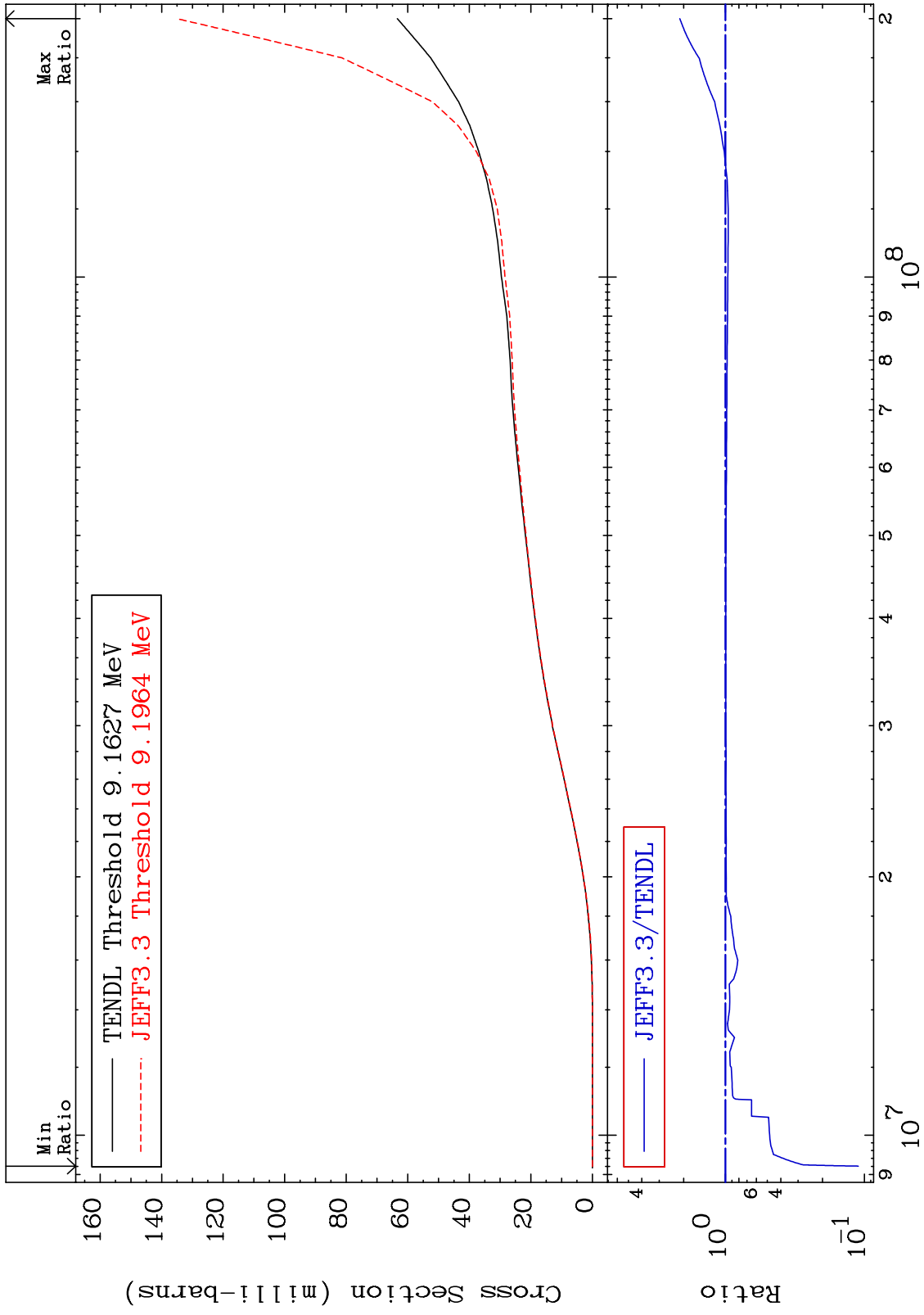
Incident Energy (eV)

37-Rb-85

MAT 3725

Tritium Production
Cross Section

$^{37}\text{Rb-85}$
-88.95 To 113.2 %



63

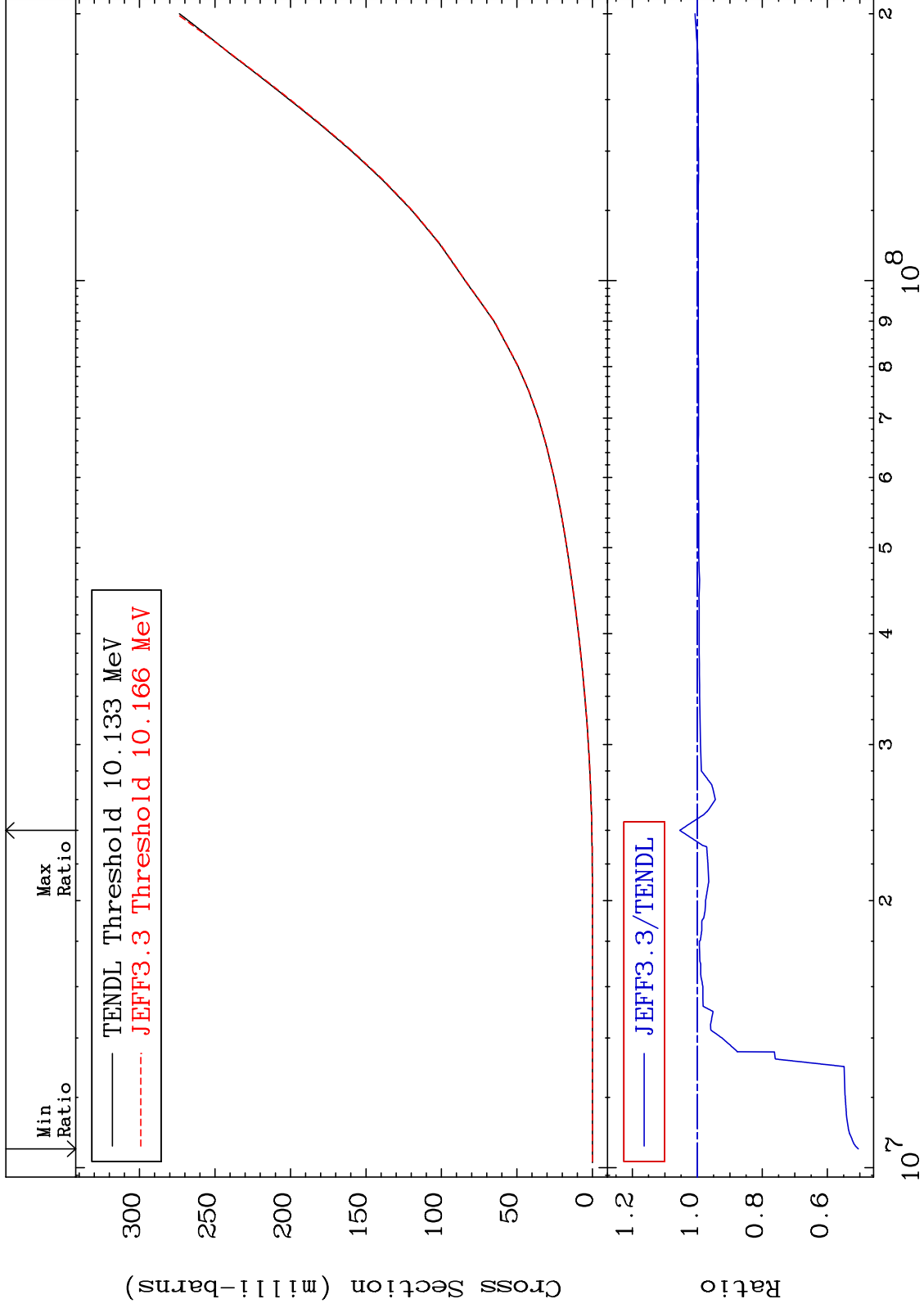
Incident Energy (eV)

$^{37}\text{Rb-85}$

MAT 3725

He-3 Production
Cross Section

37-Rb-85
-49.53 To 5.392 %



64

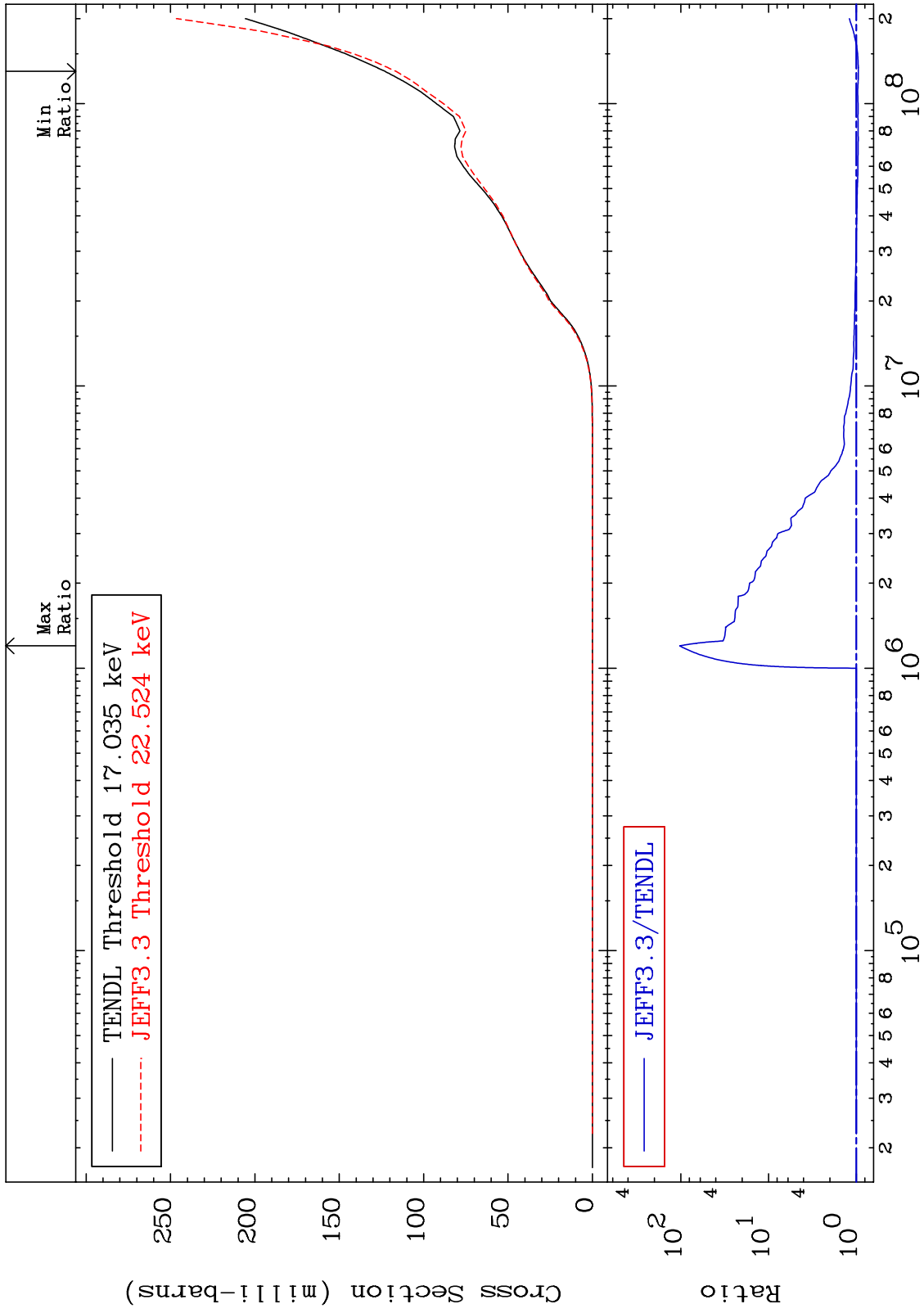
Incident Energy (eV)

37-Rb-85

MAT 3725

He-4 Production
Cross Section

37-Rb-85
-5.253 To 9999. %



65

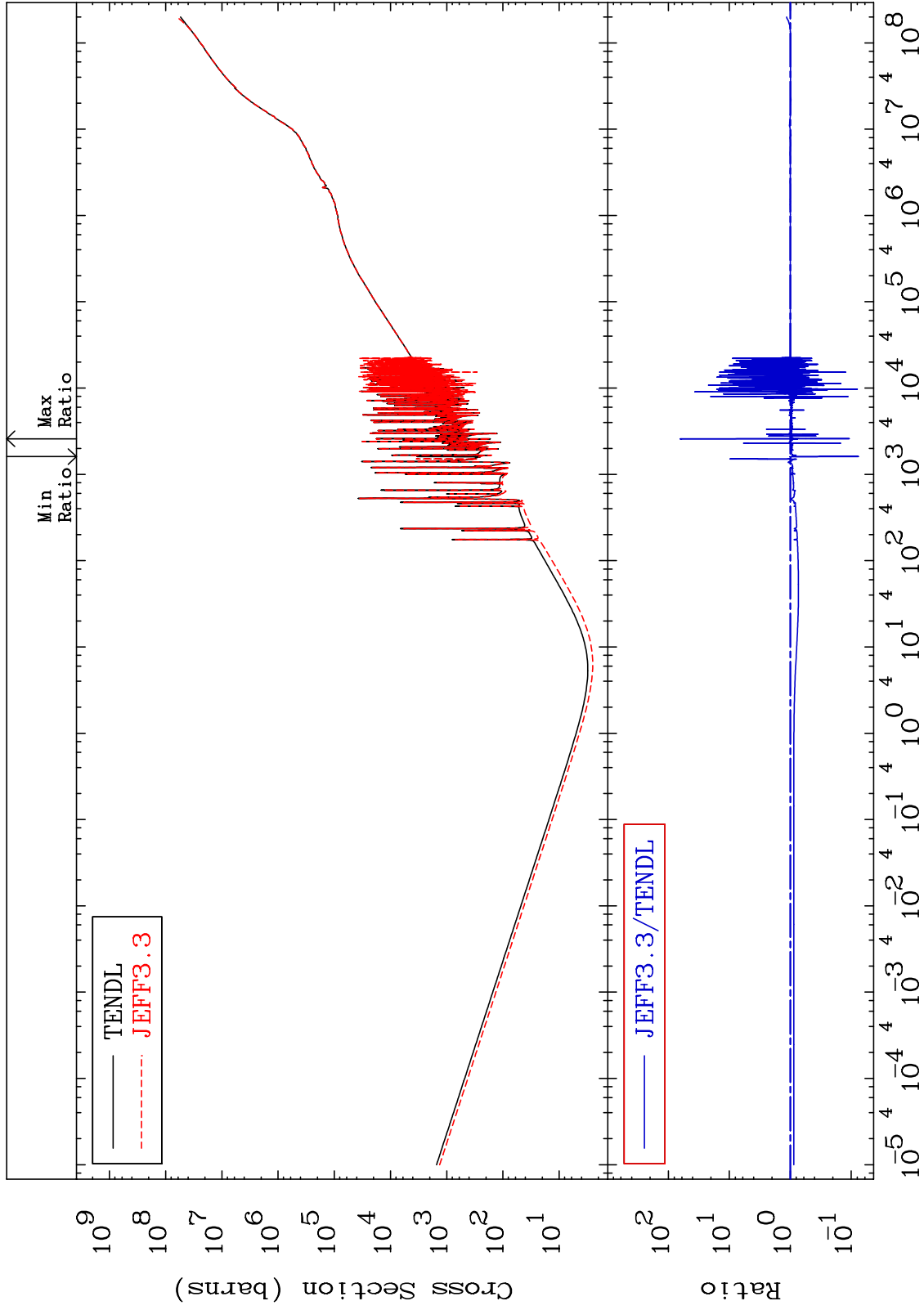
Incident Energy (eV)

37-Rb-85

MAT 3725

Kerma total (eV-barns)
Cross Section

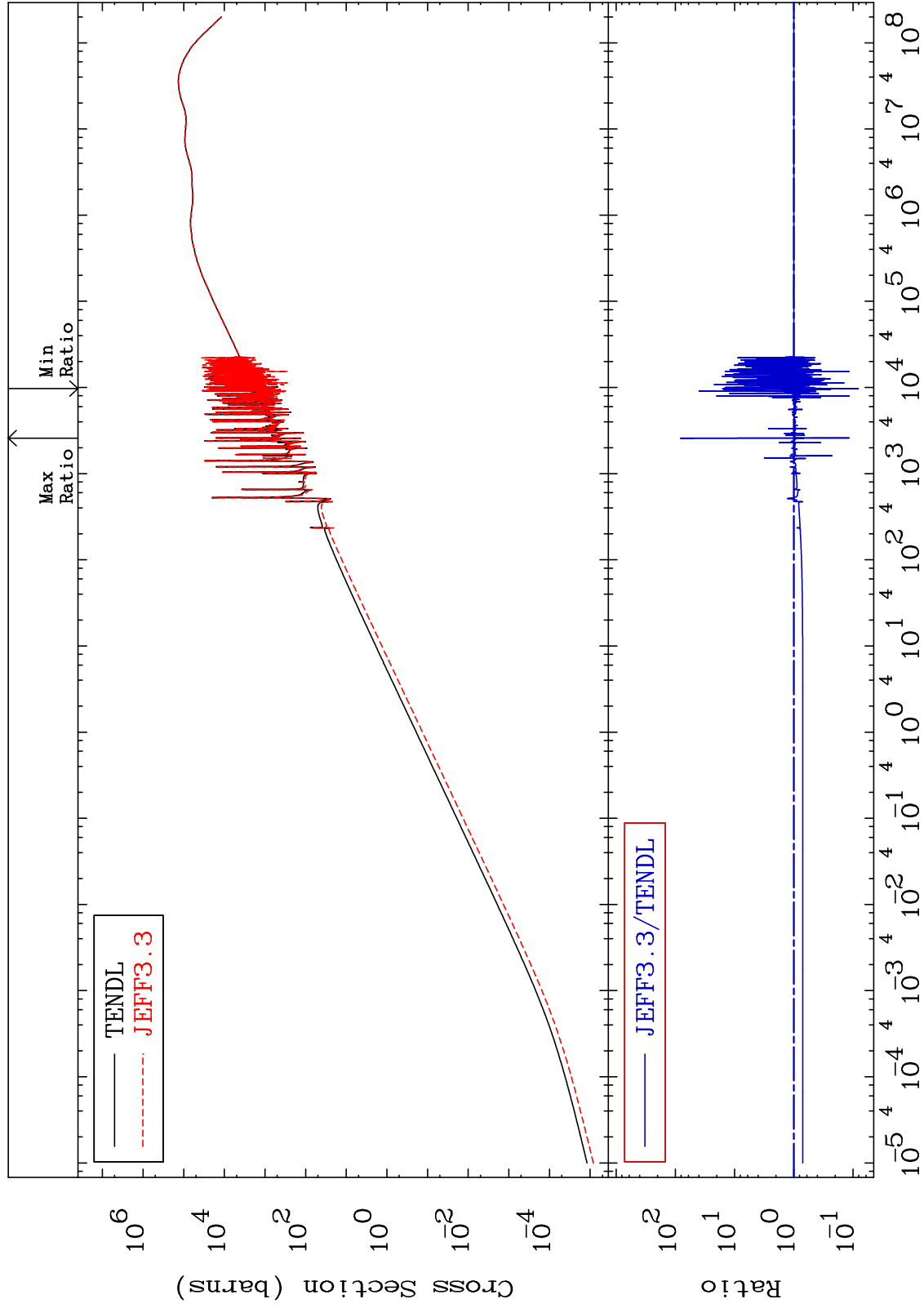
37-Rb-85
-92.36 To 6343. %



MAT 3725

Kerma elastic
Cross Section

37-Rb-85
-91.95 To 8100. %



67

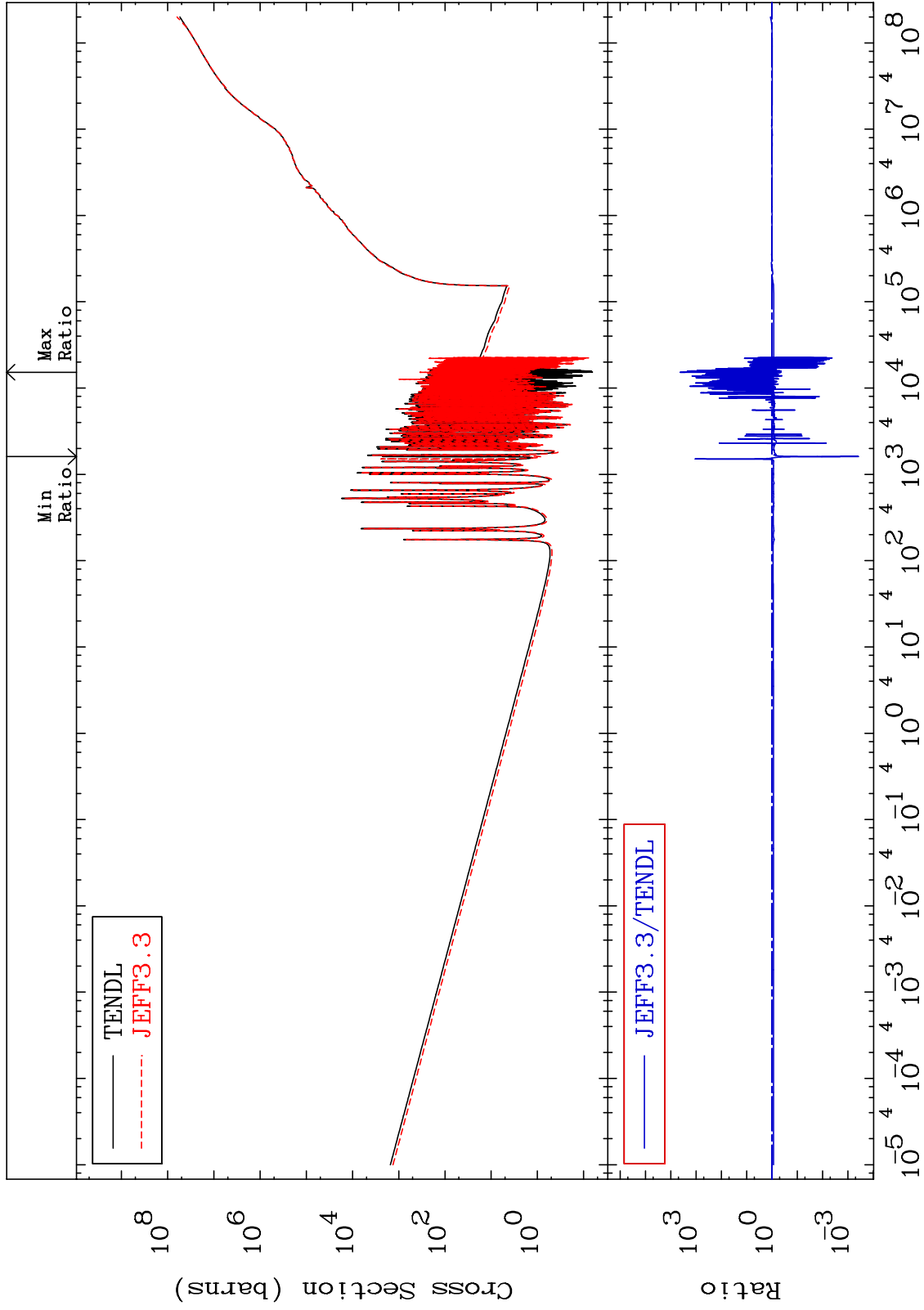
Incident Energy (eV)

37-Rb-85

MAT 3725

Kerma non-elastic (all but mt2)
Cross Section

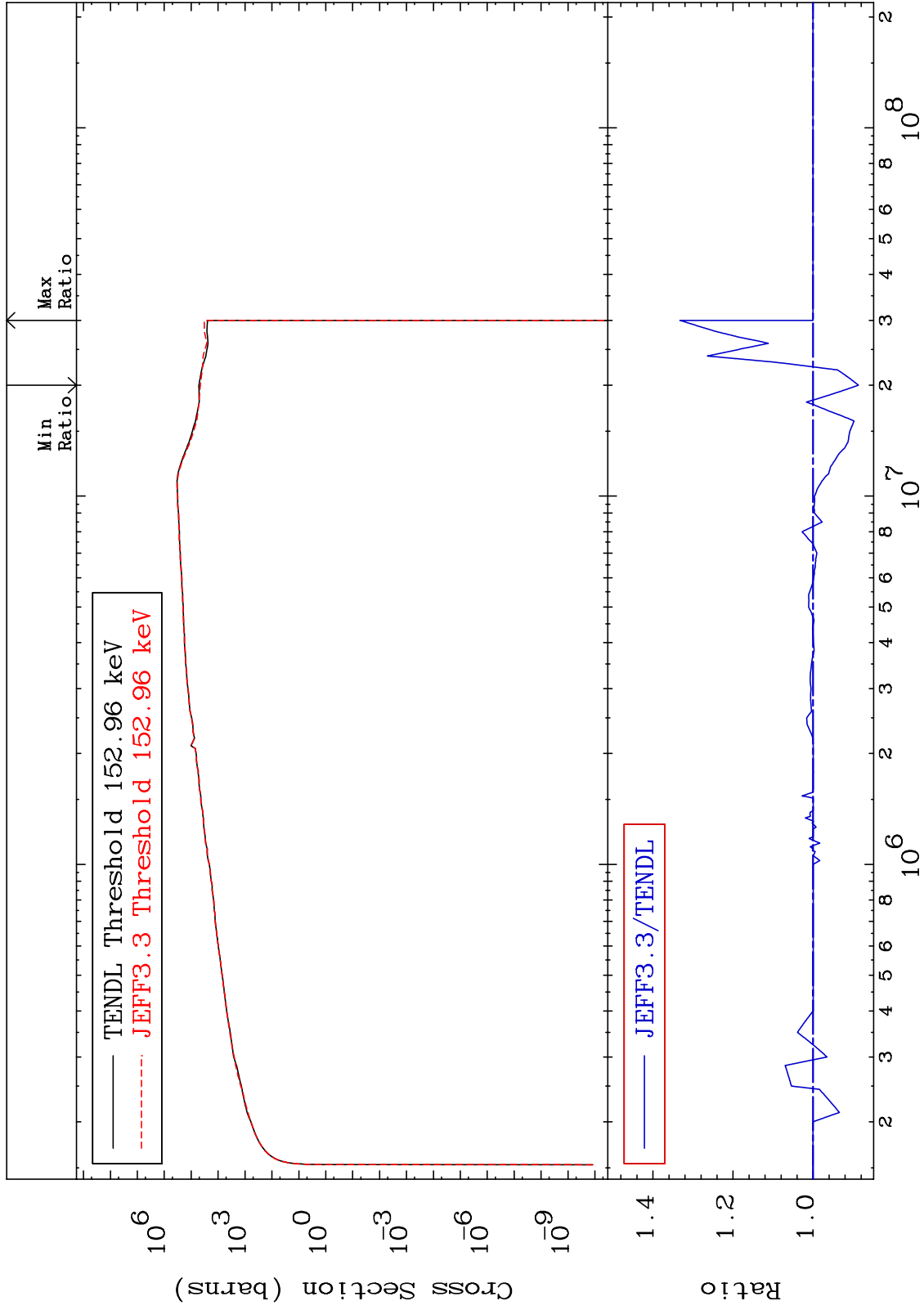
37-Rb-85
-99.96 To 9999. %



MAT 3725

Kerma inelastic (mt51-91)
Cross Section

37-Rb-85
-11.32 To 33.24 %



69

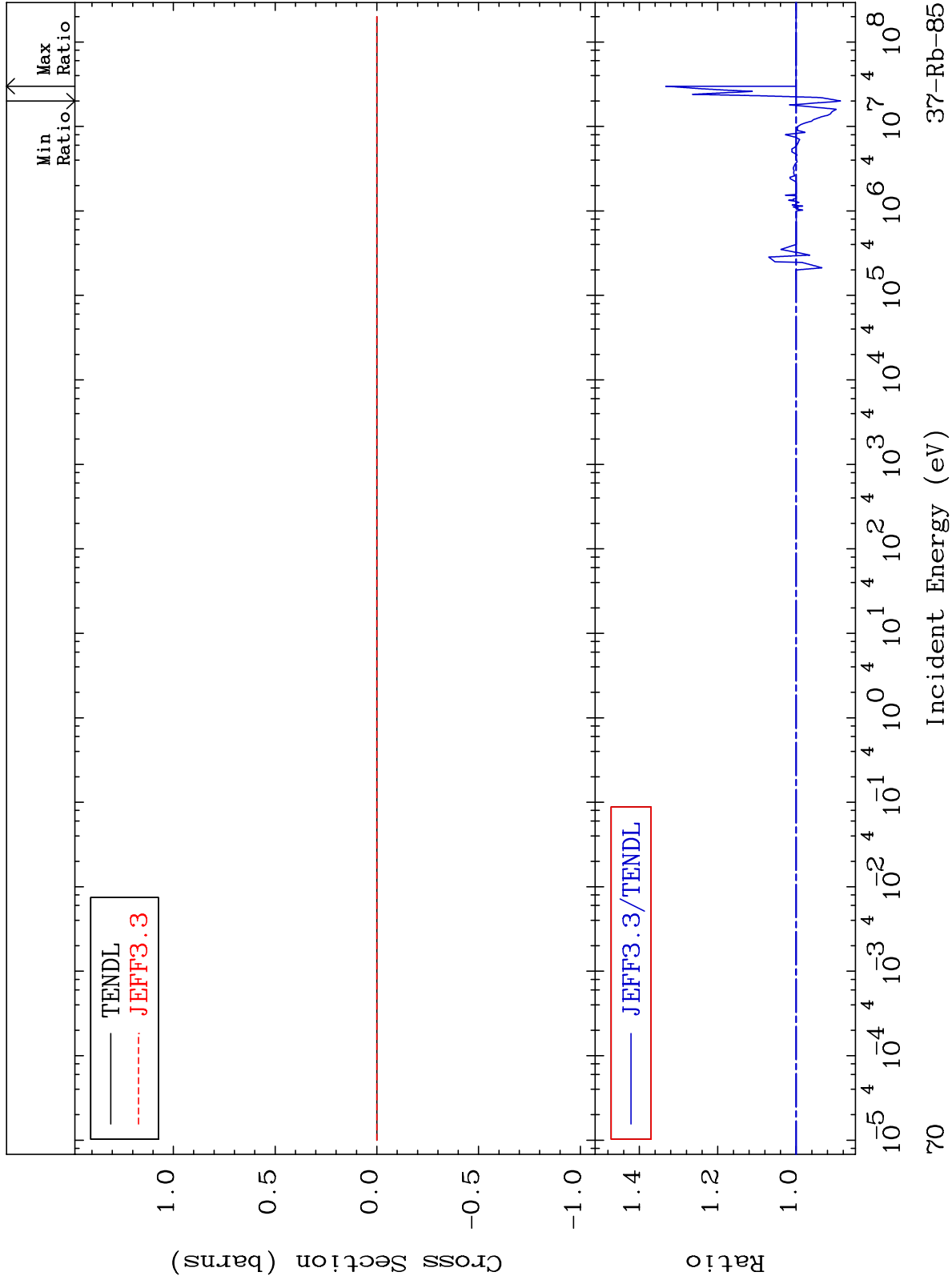
Incident Energy (eV)

37-Rb-85

MAT 3725

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

37-Rb-85
-11.32 To 33.24 %



70

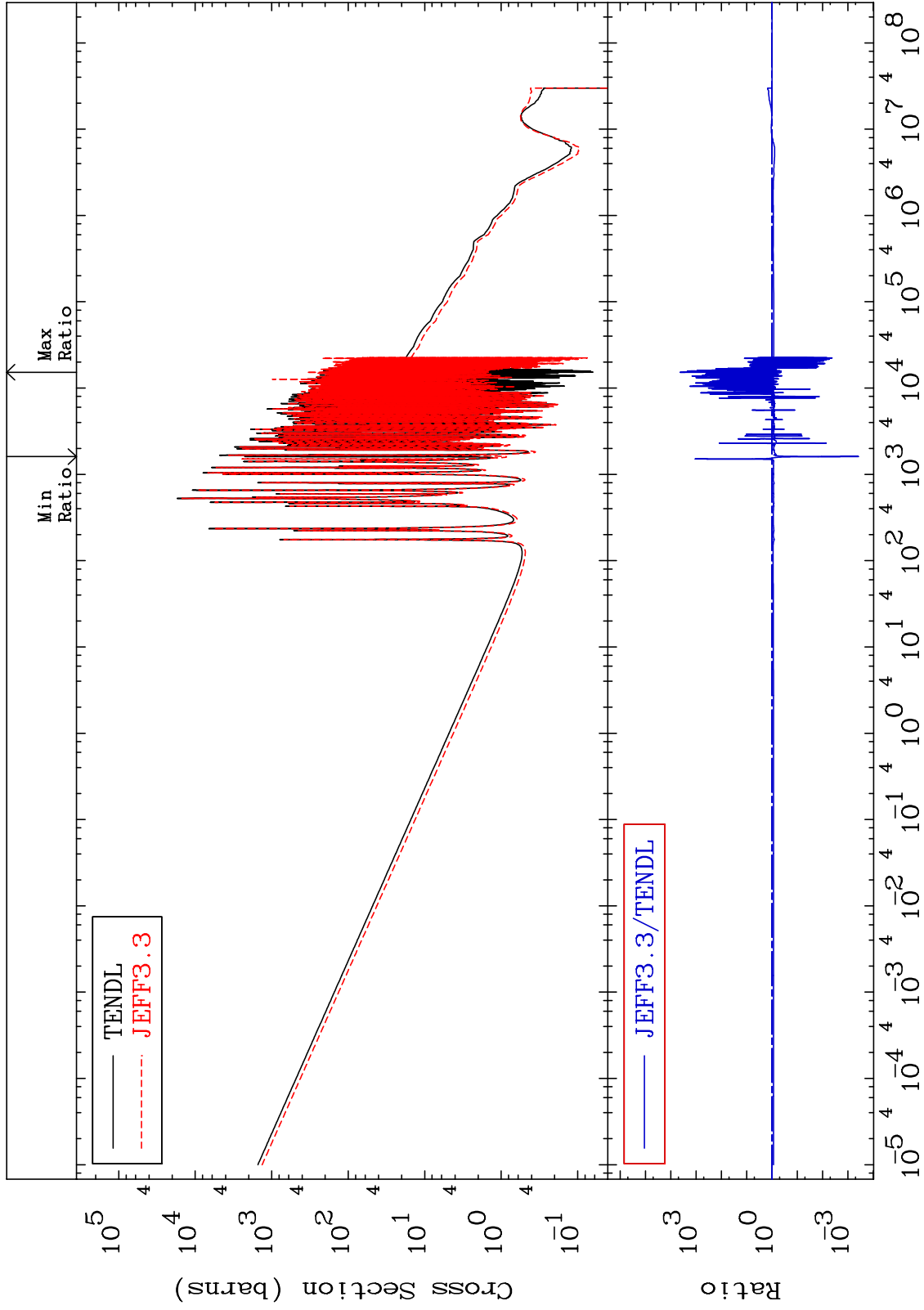
Incident Energy (eV)

37-Rb-85

MAT 3725

Kerma capture (mt102)
Cross Section

37-Rb-85
-99.96 To 9999. %



71

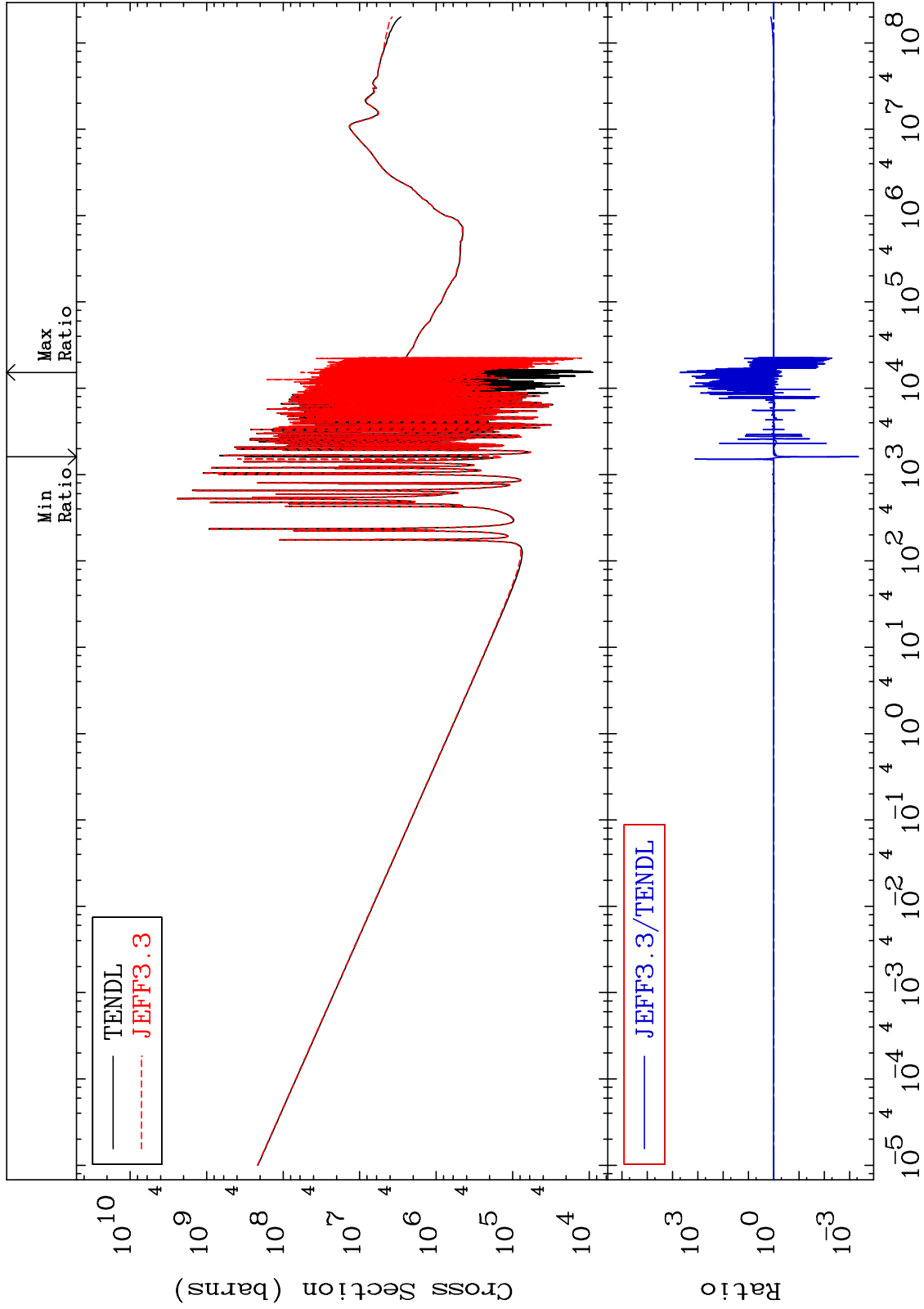
Incident Energy (eV)

37-Rb-85

MAT 3725

Total photon (eV-barns)
Cross Section

37-Rb-85
-99.96 To 9999. %



72

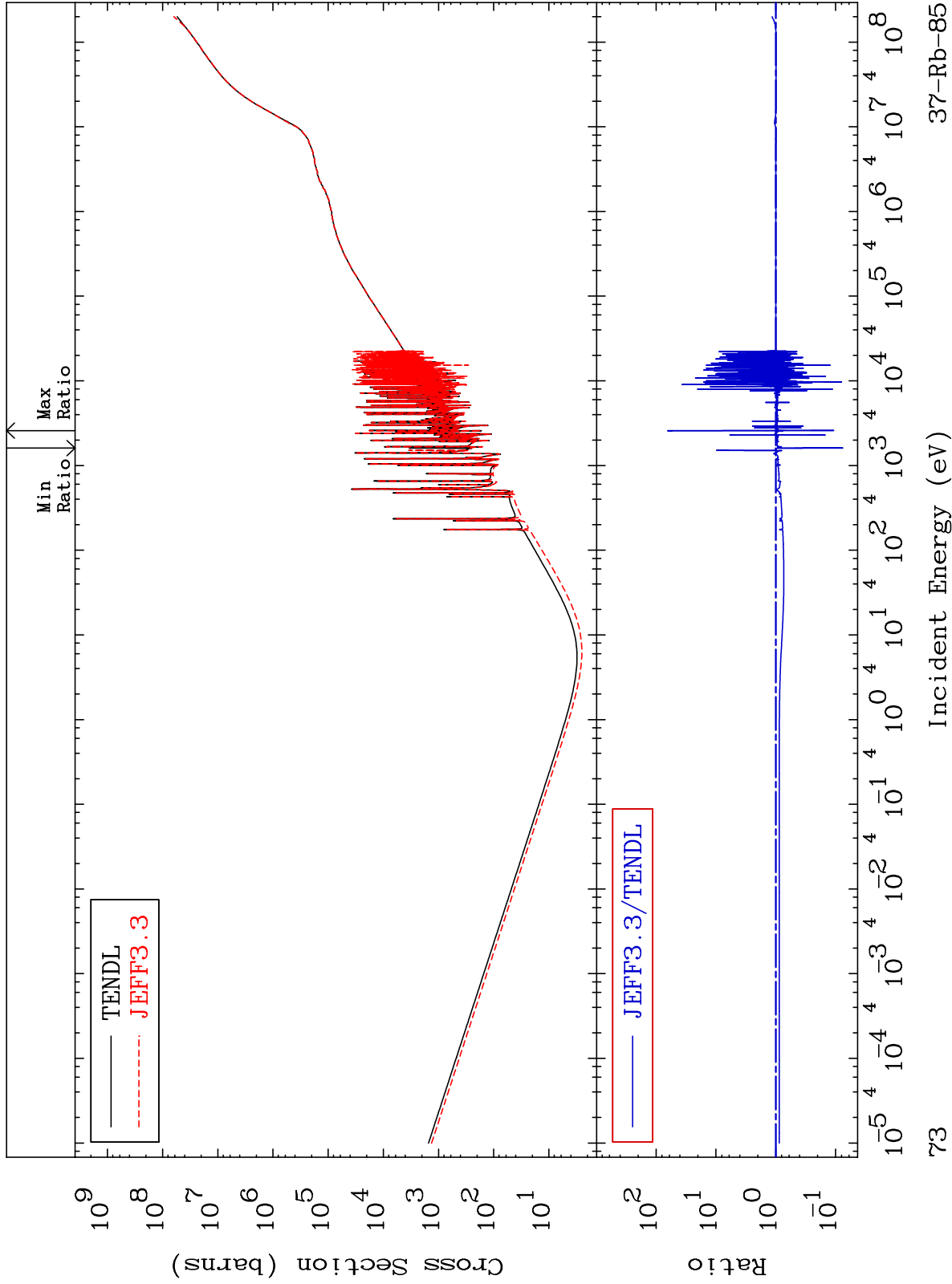
Incident Energy (eV)

37-Rb-85

MAT 3725

Total kinematic kerma (high limit)
Cross Section

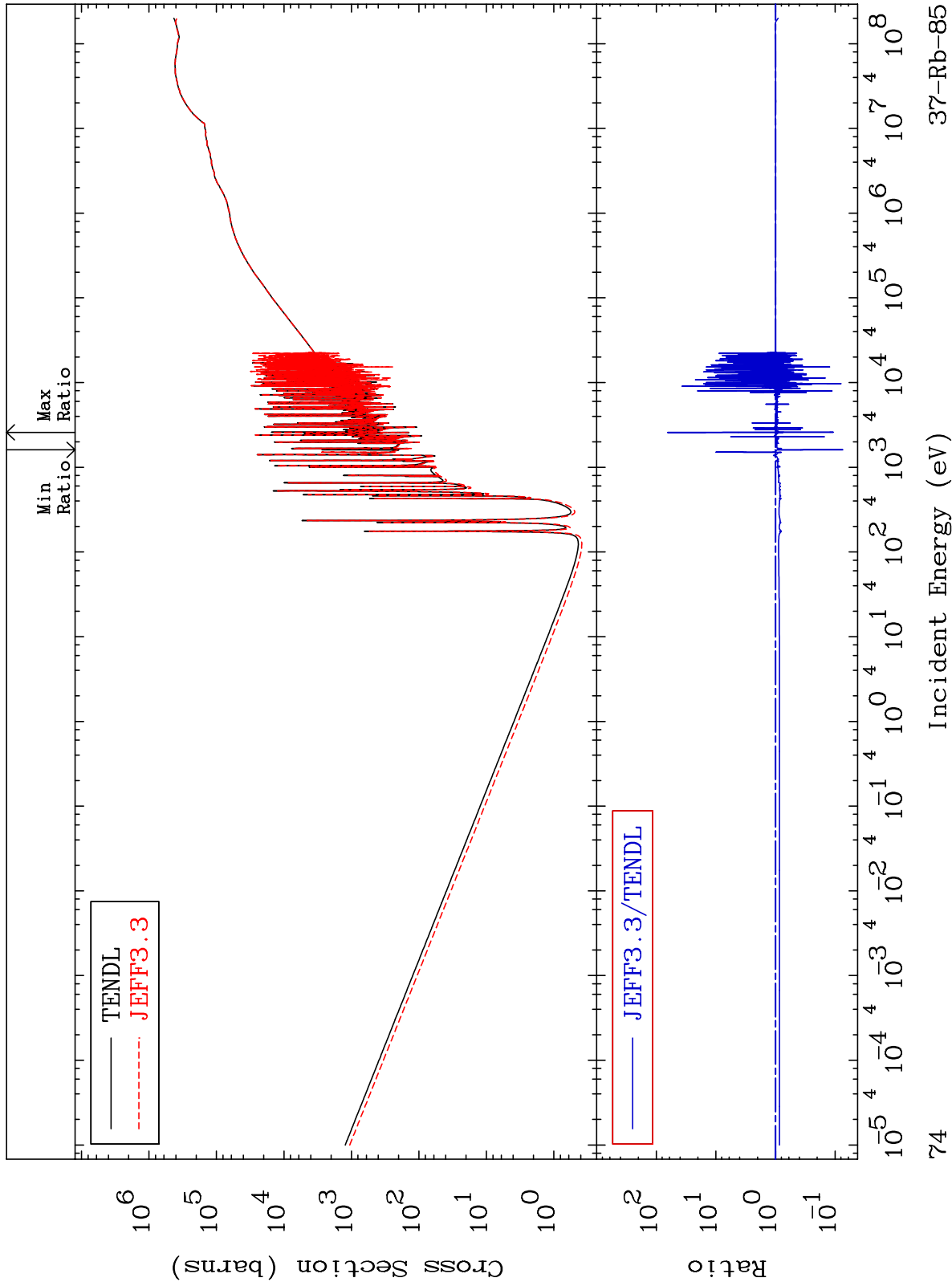
37-Rb-85
-92.36 To 6343. %



MAT 3725

Dpa total (eV-barns)
Cross Section

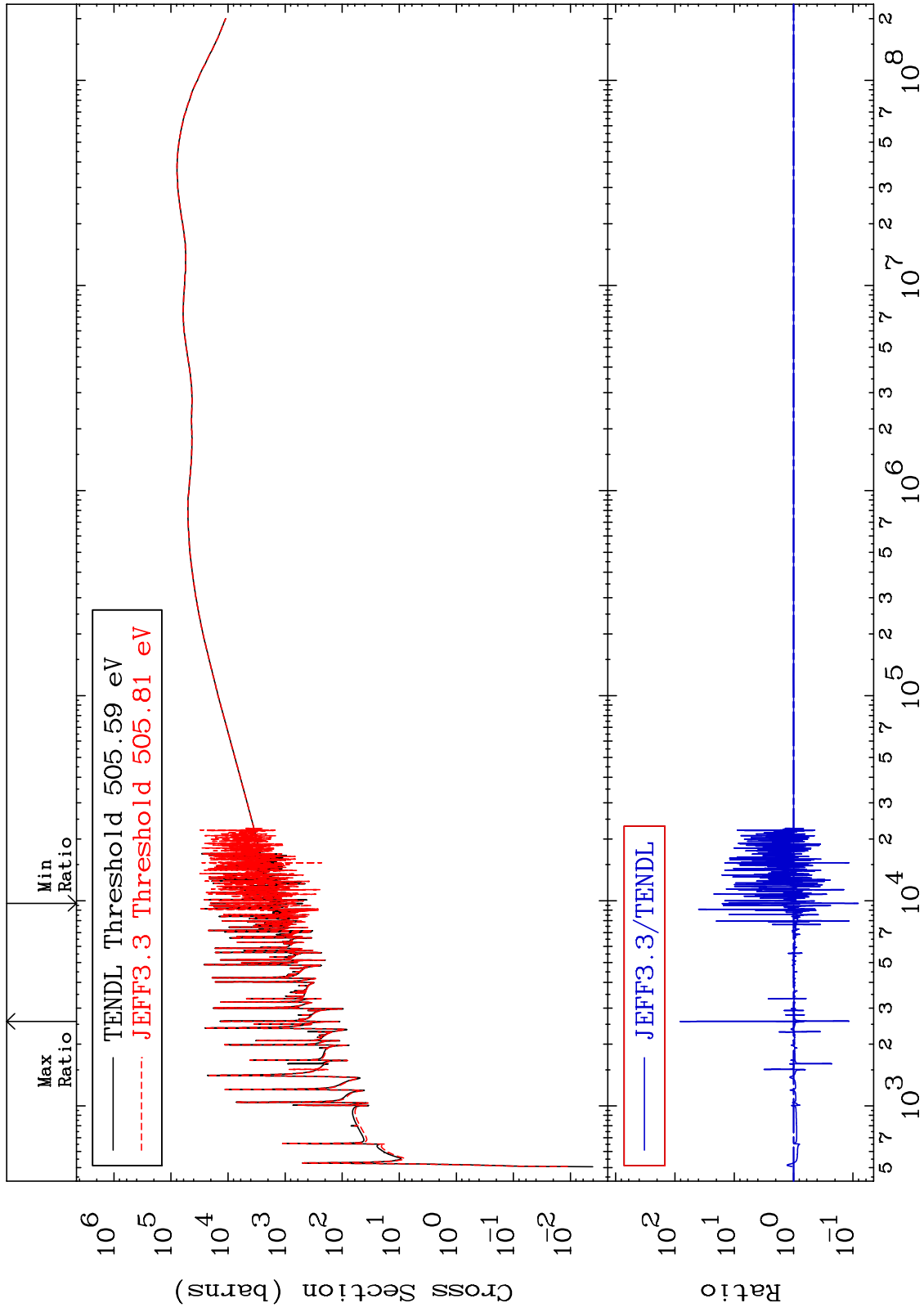
37-Rb-85
-92.51 To 6373. %



MAT 3725

Dpa elastic (mt2)
Cross Section

37-Rb-85
-91.95 To 8100. %



75

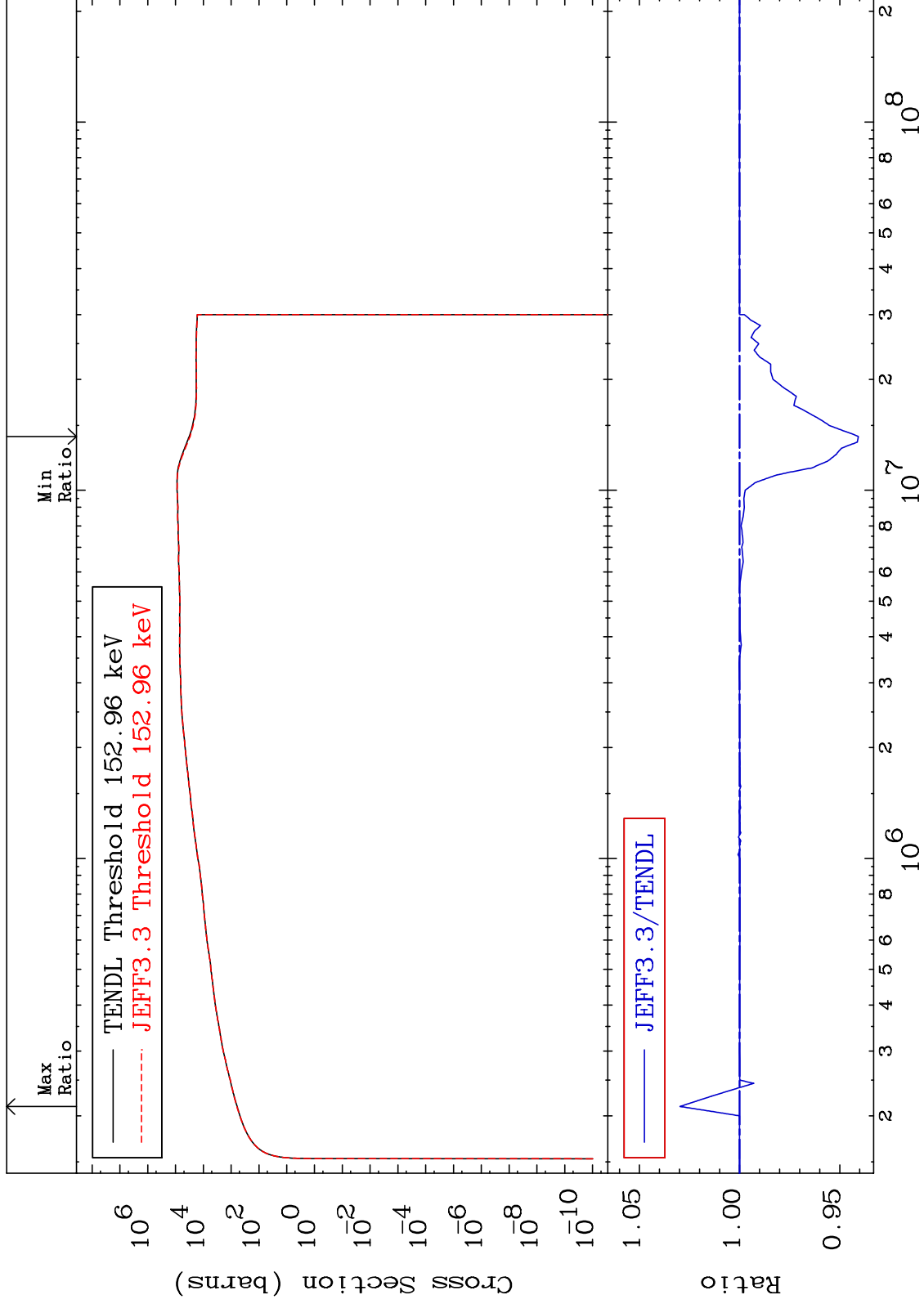
Incident Energy (eV)

37-Rb-85

MAT 3725

Dpa inelastic (mt51-91)
Cross Section

37-Rb-85
-5.933 To 2.975 %



76

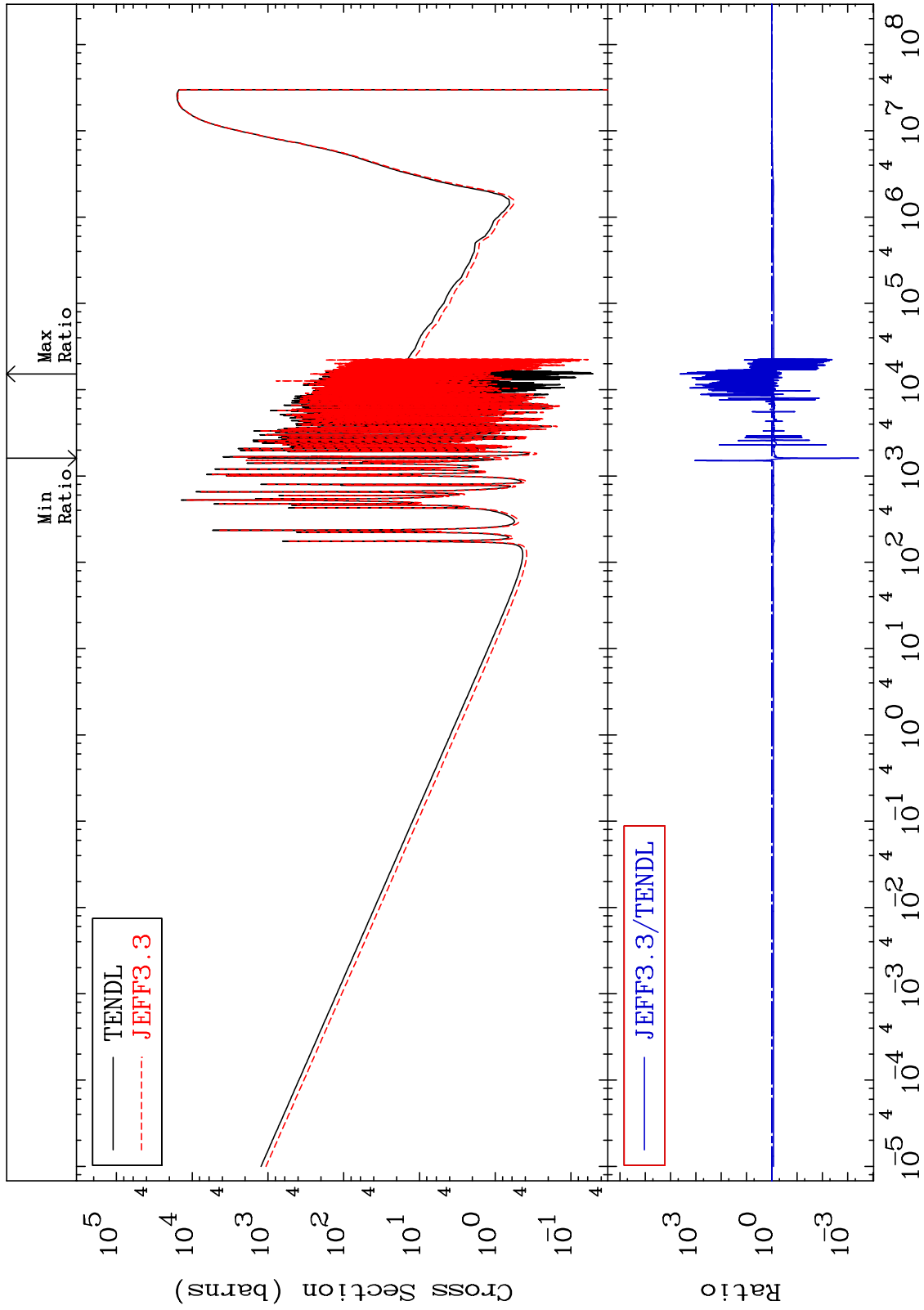
Incident Energy (eV)

37-Rb-85

MAT 3725

Dpa disappearance (mt102 -120)
Cross Section

37-Rb-85
-99.96 To 9999. %



77

Incident Energy (eV)

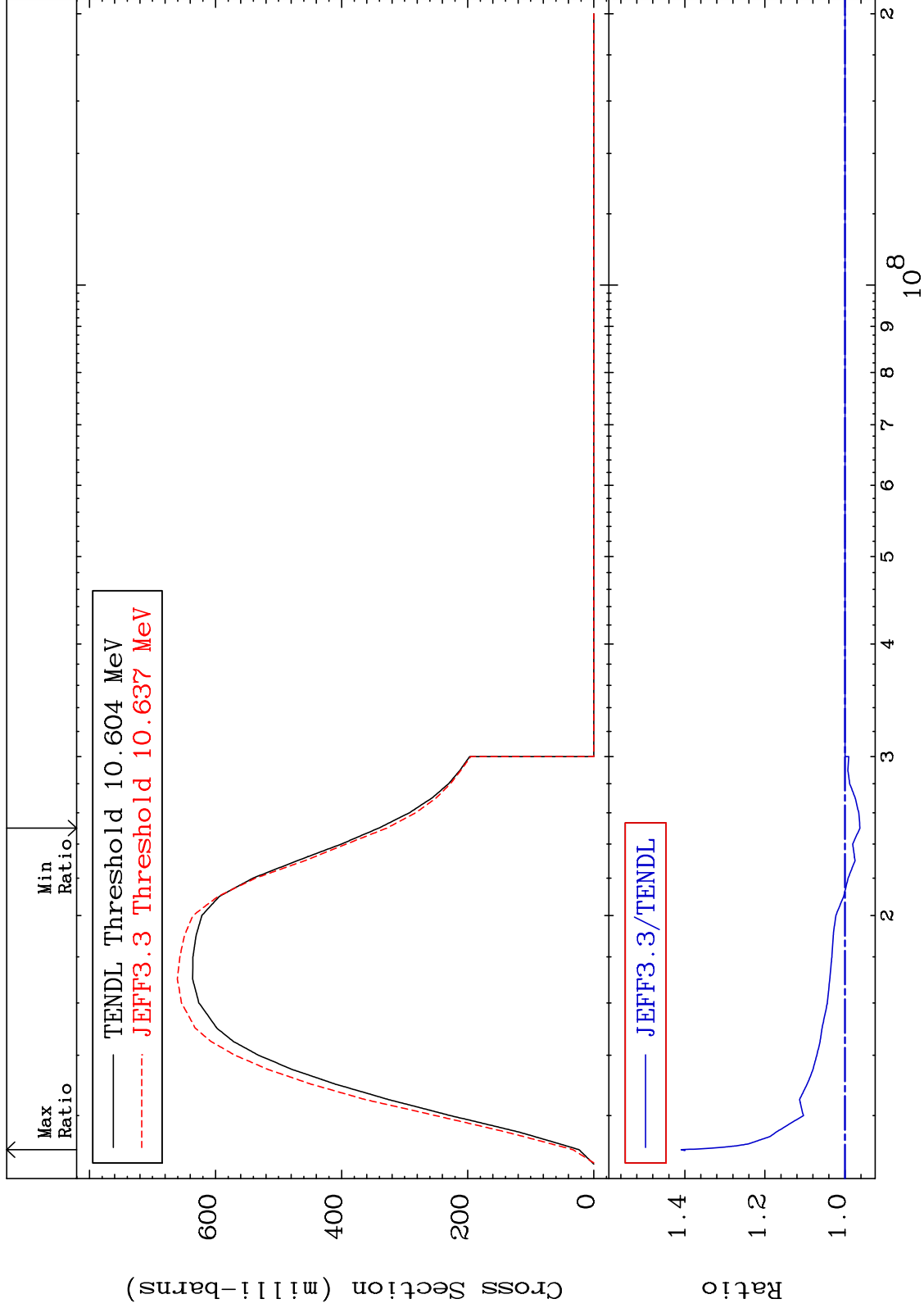
37-Rb-85

MAT 3725

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

37-Rb-85

Radionuclide Production Cross Section -3.744 To 40.90 %



78

Incident Energy (eV)

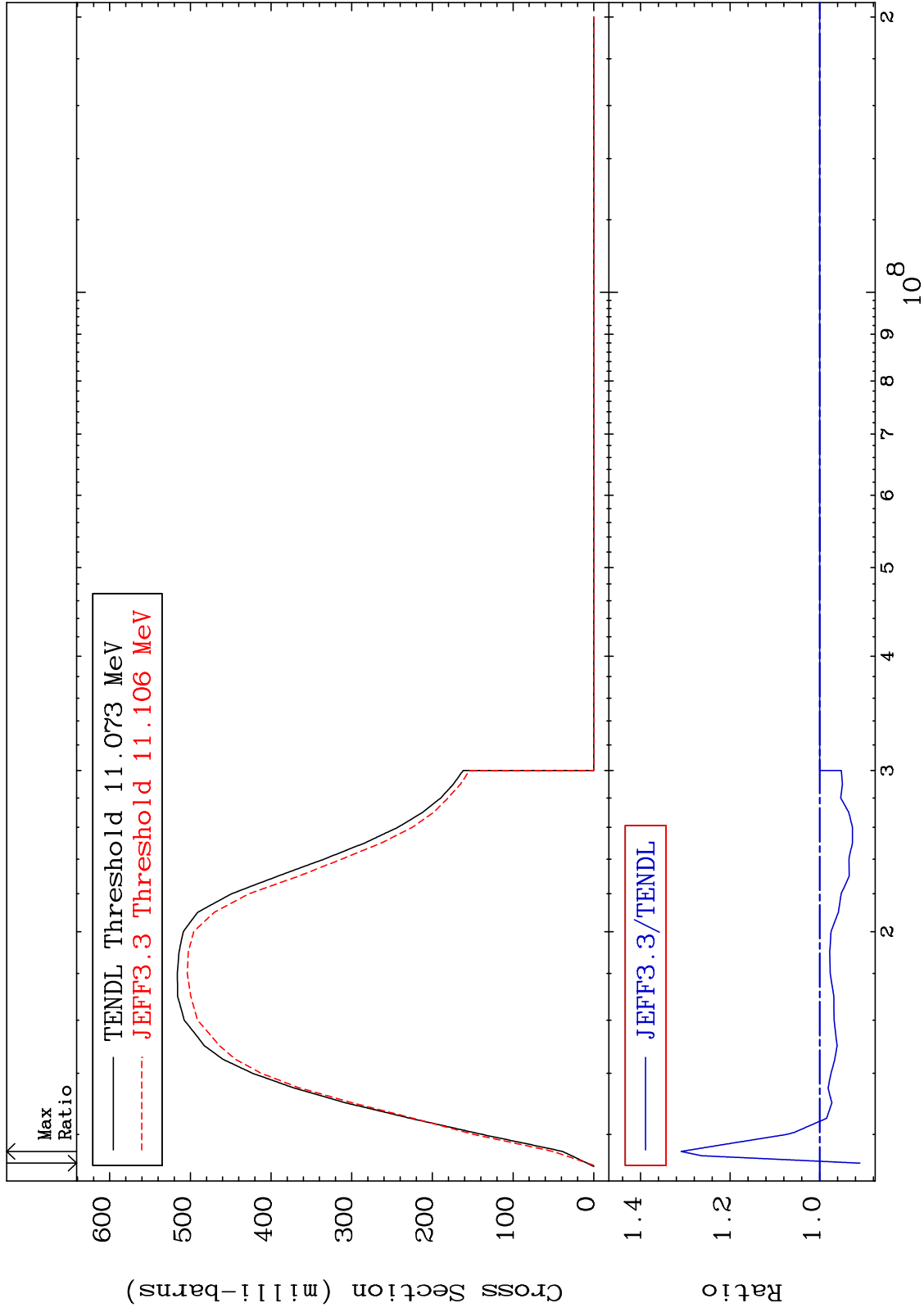
37-Rb-85

MAT 3725

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

37-Rb-85

Radionuclide Production Cross Section -9.004 To 30.92 %



79

Incident Energy (eV)

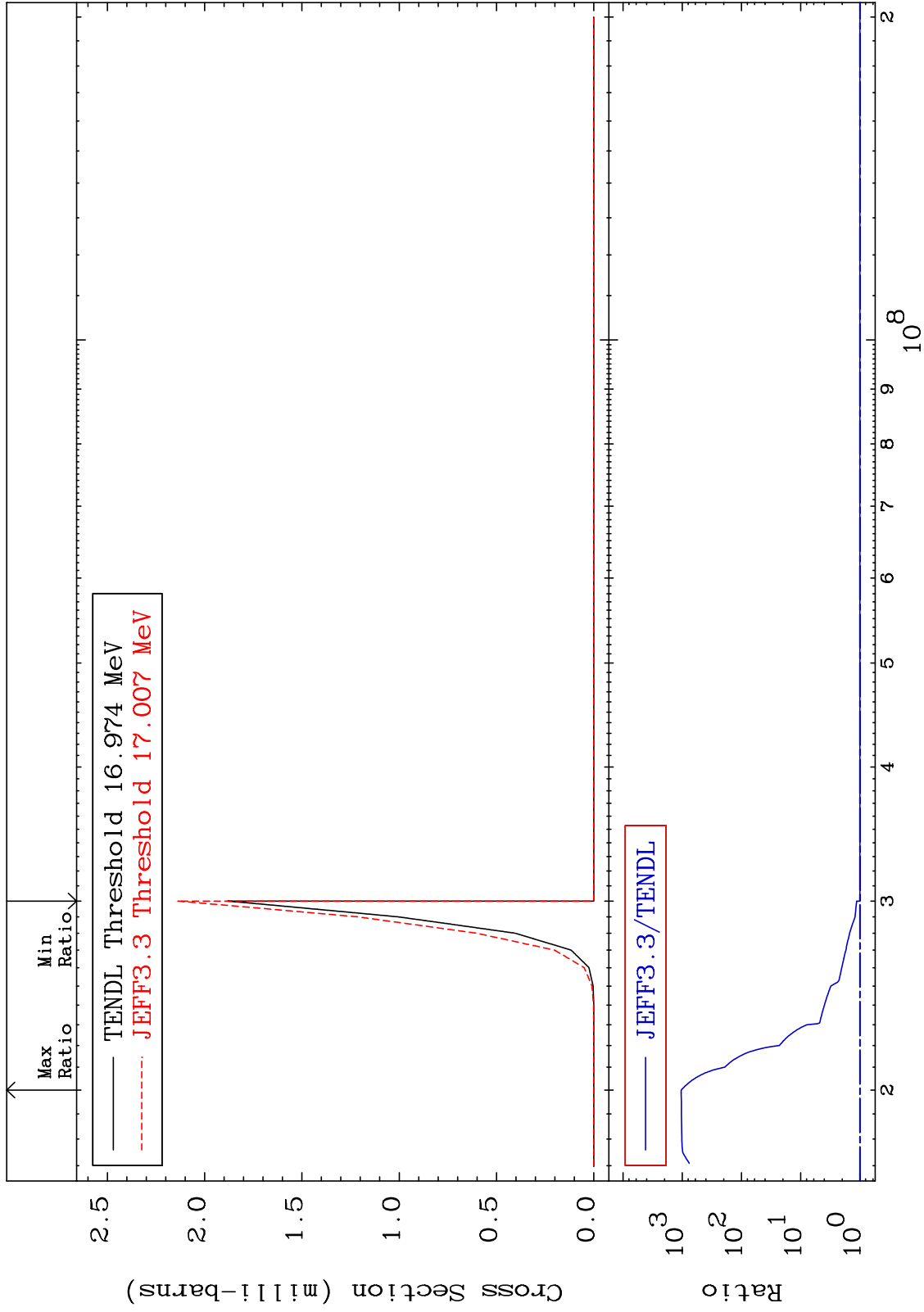
37-Rb-85

MAT 3725

(n,2n) α :35-Br-80g

37-Rb-85

Radionuclide Production Cross Section 0.000 To 9999. %

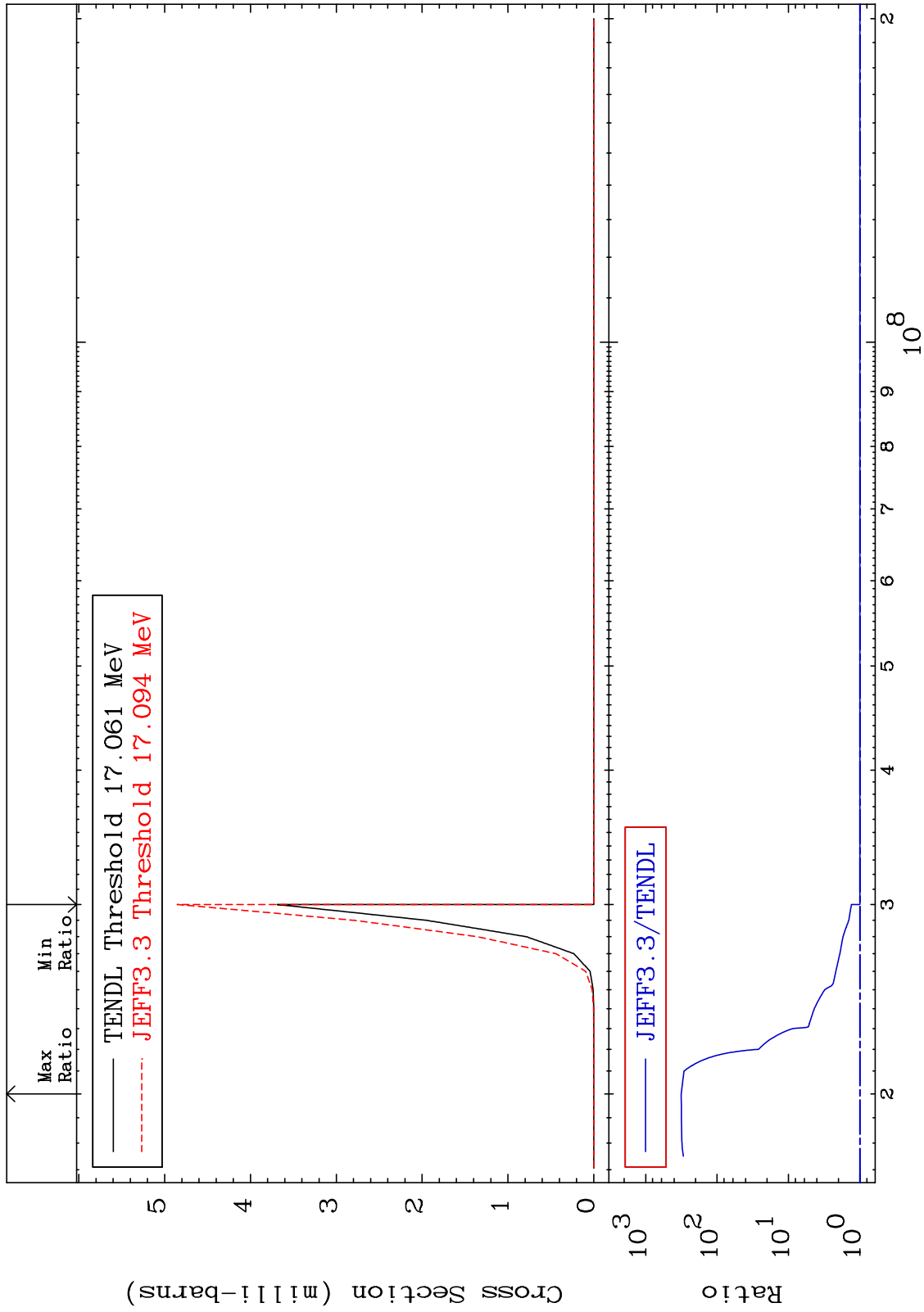


MAT 3725

(n,2n) α :35-Br-80m2

37-Rb-85

Radionuclide Production Cross Section 0.000 To 9999. %

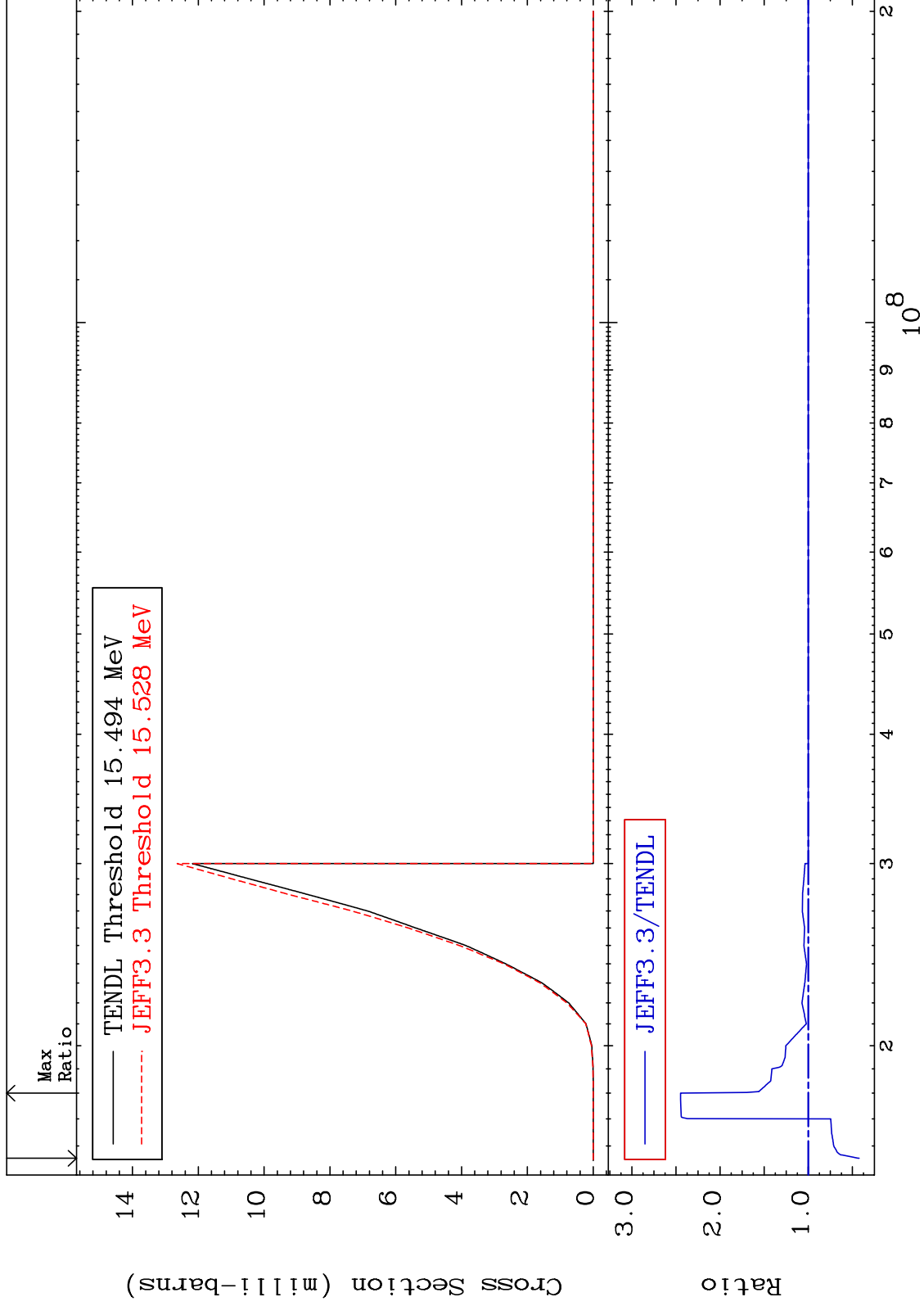


MAT 3725

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

37-Rb-85

Radionuclide Production Cross Section -57.66 To 144.8 %



82

Incident Energy (eV)

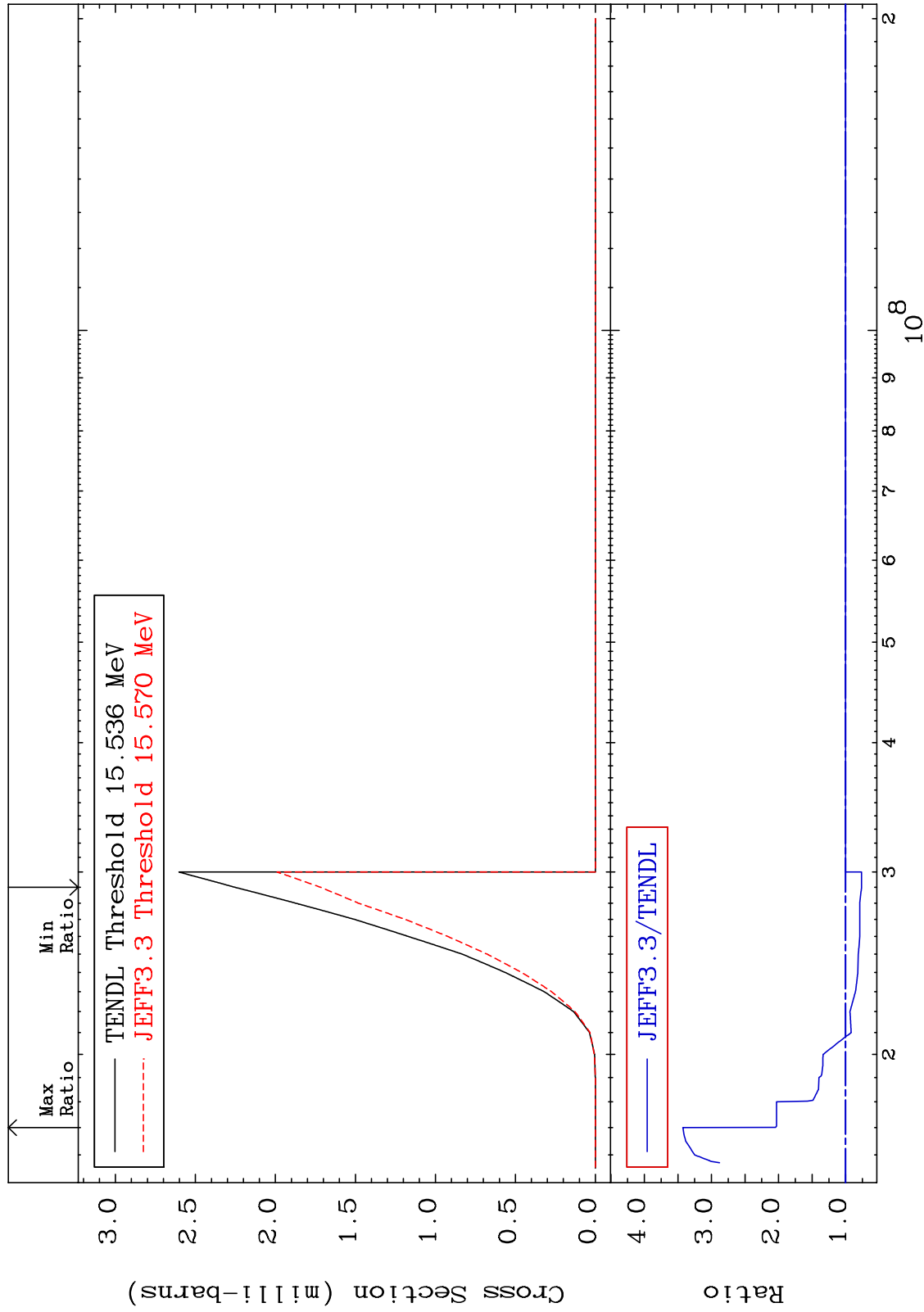
37-Rb-85

MAT 3725

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

37-Rb-85

Radionuclide Production Cross Section -23.75 To 242.6 %

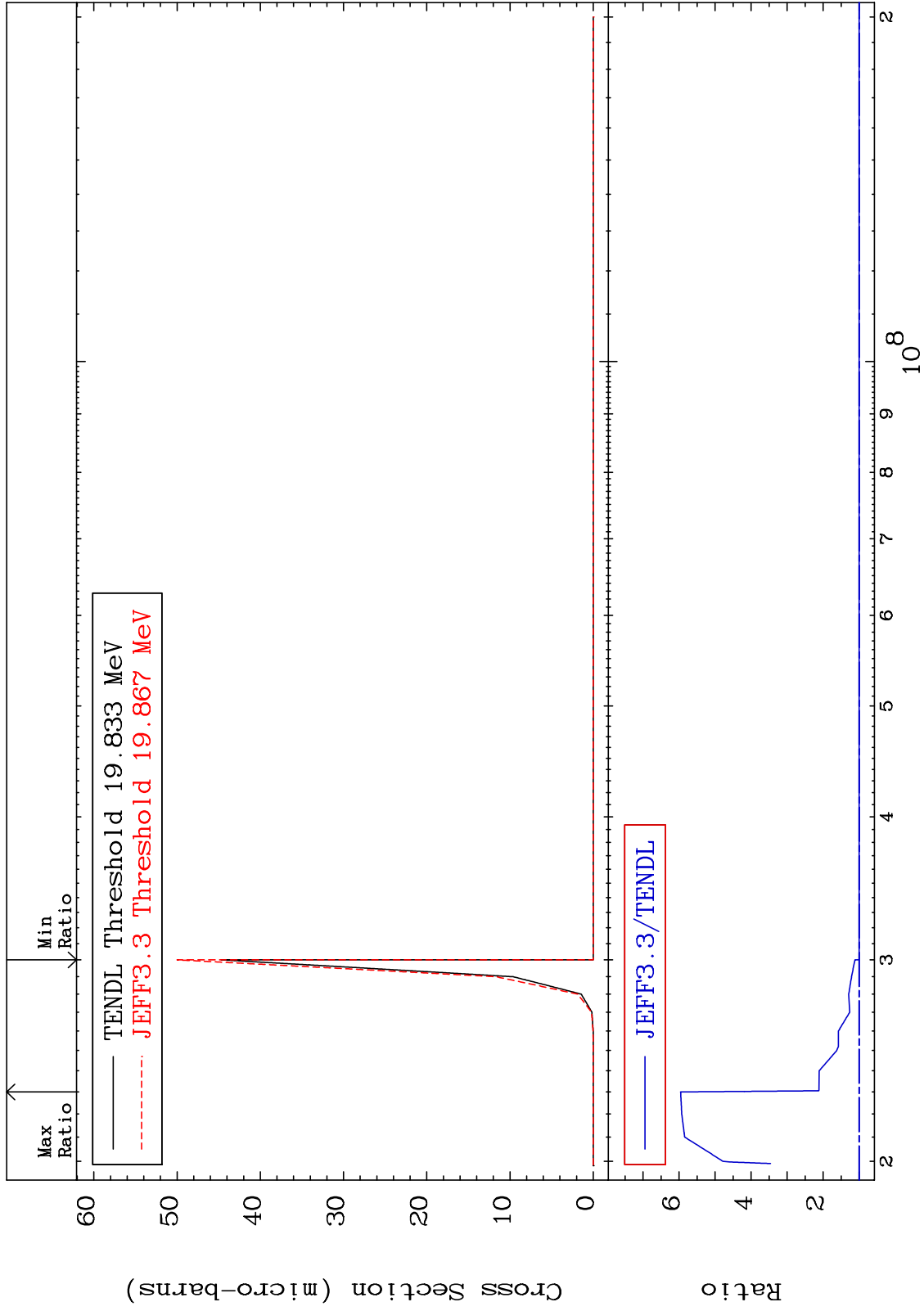


MAT 3725

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

37-Rb-85

Radionuclide Production Cross Section 0.000 To 495.8 %

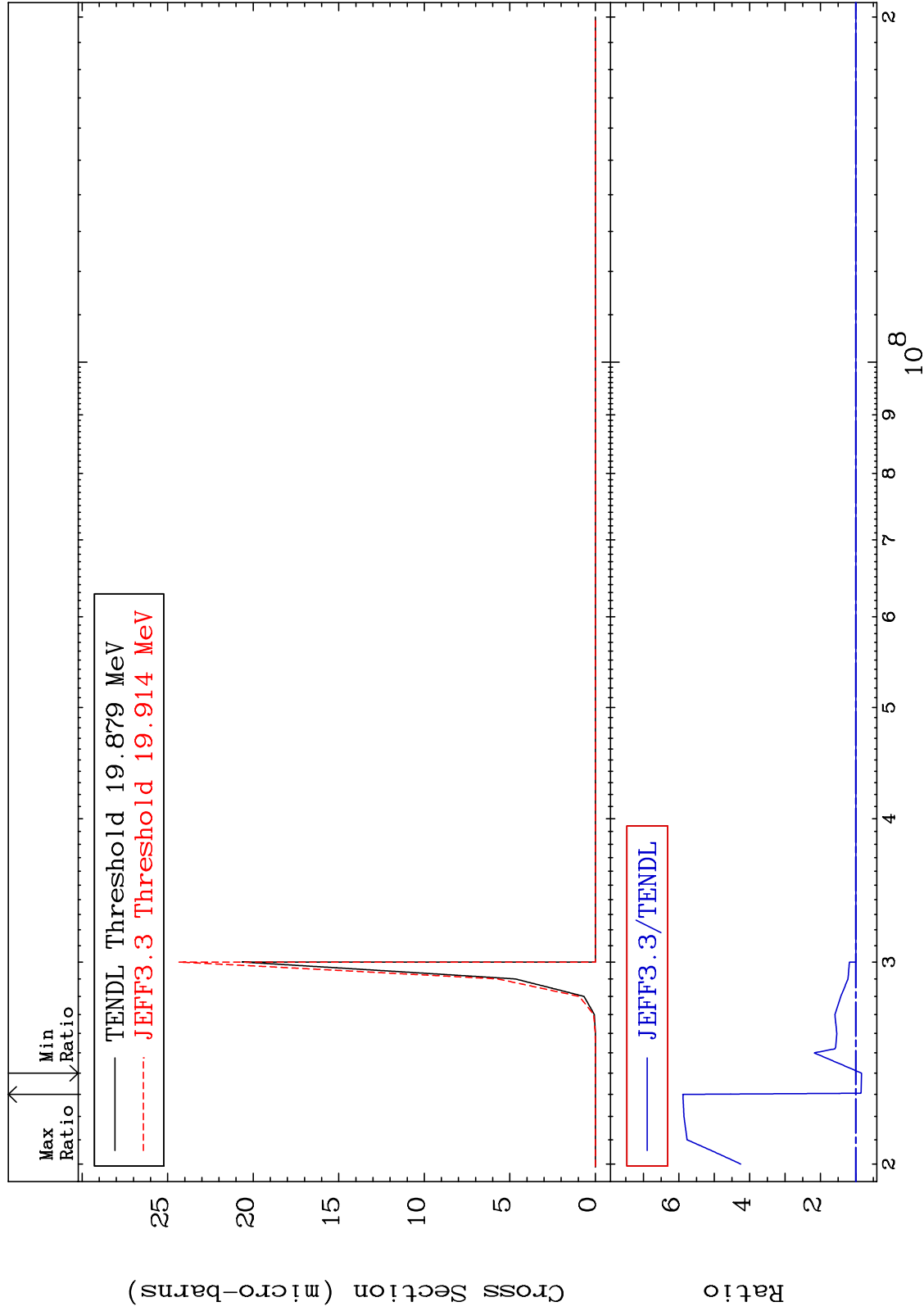


MAT 3725

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

37-Rb-85

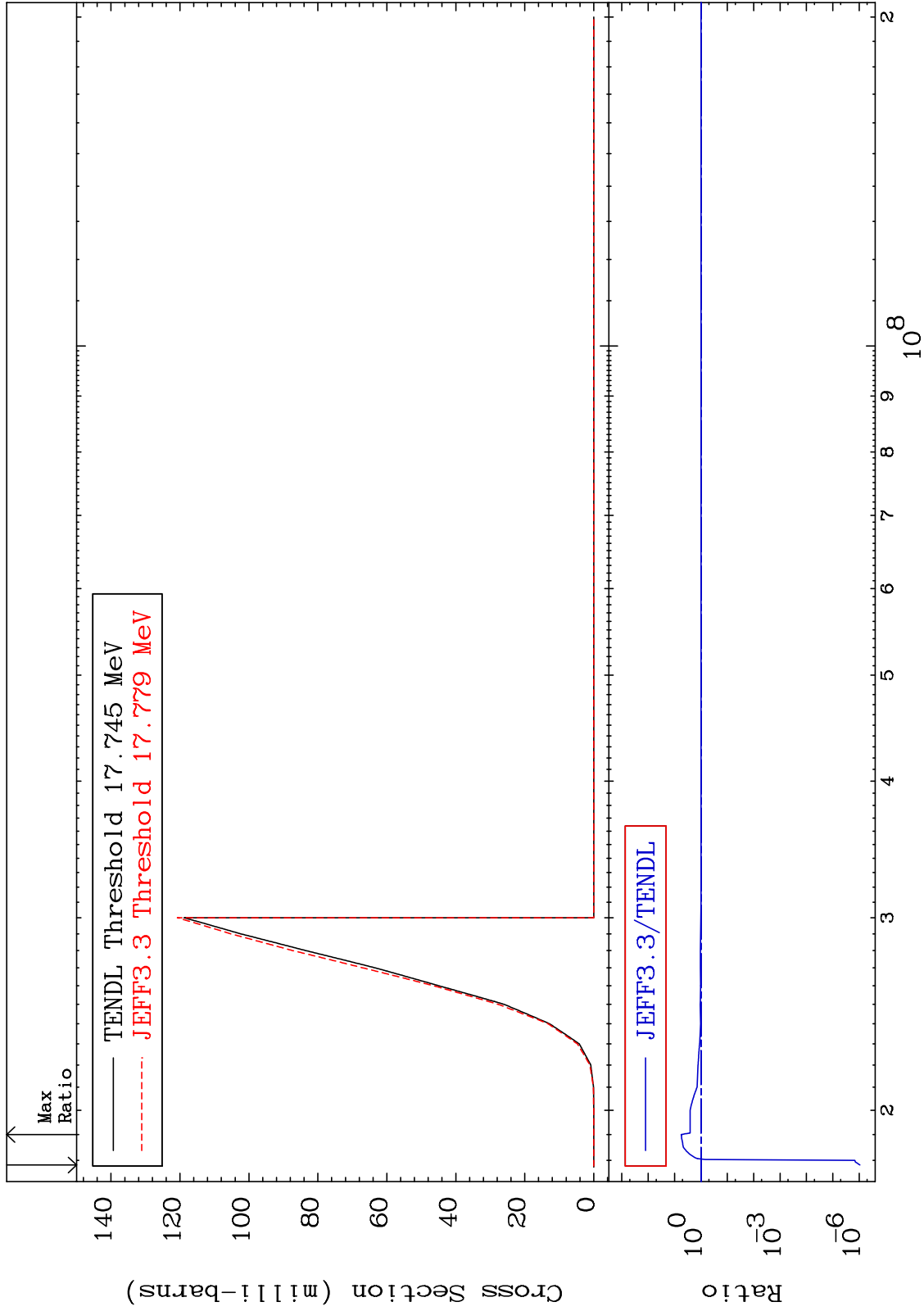
Radionuclide Production Cross Section -16.49 To 488.5 %



85

Incident Energy (eV)

37-Rb-85

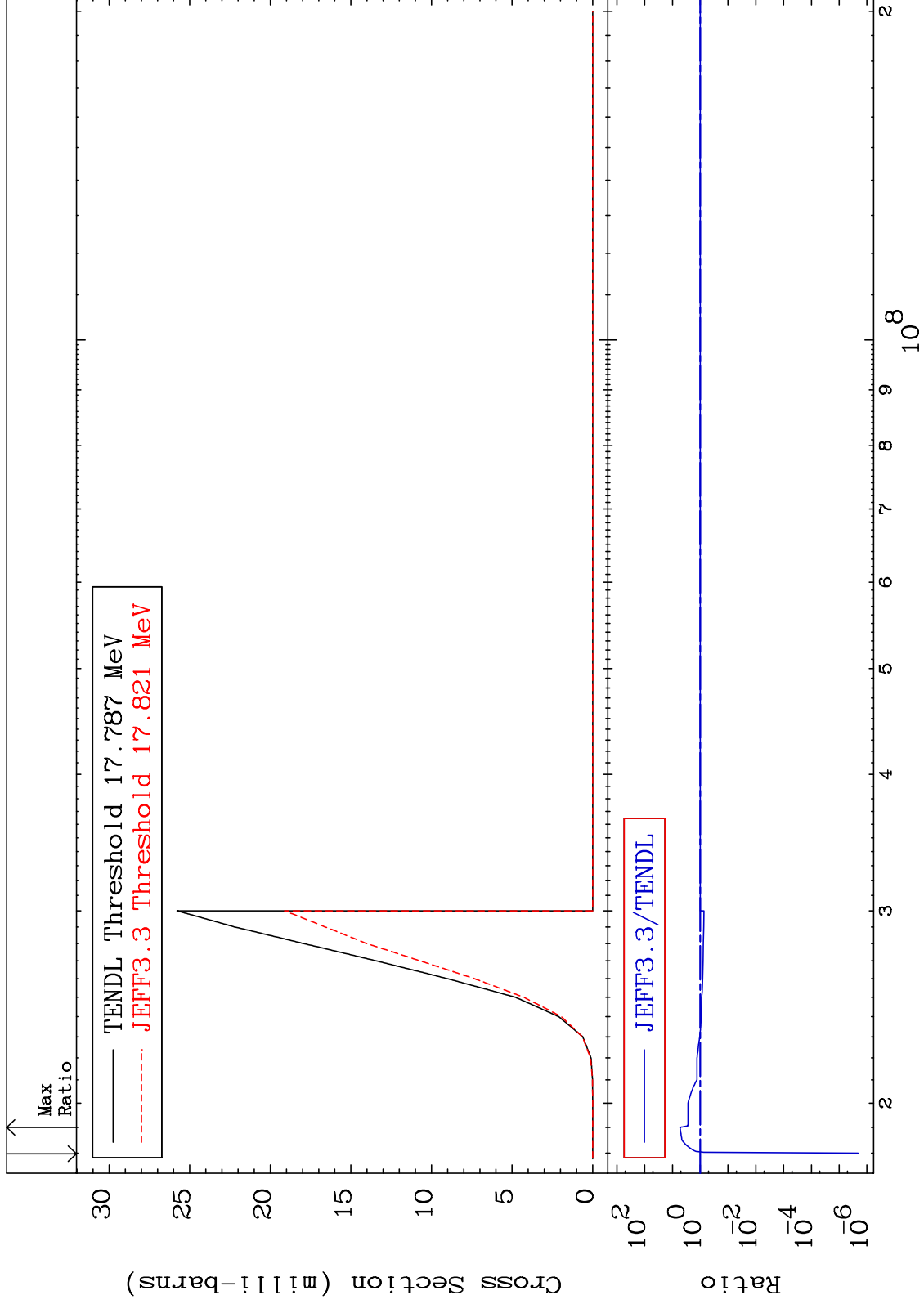


MAT 3725

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

37-Rb-85

Radionuclide Production Cross Section -100.0 To 433.6 %

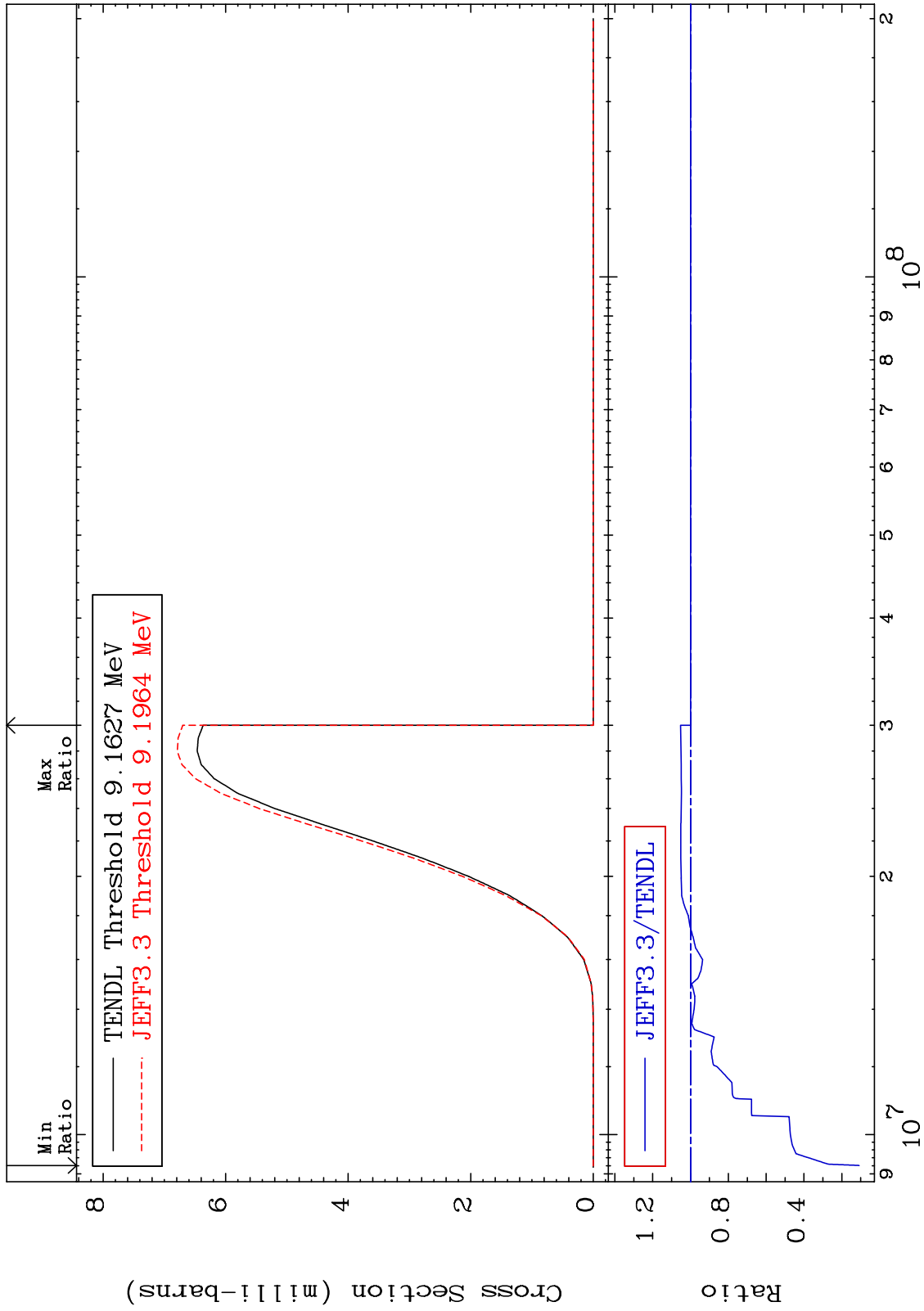


MAT 3725

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

37-Rb-85

Radionuclide Production Cross Section -89.17 To 5.230 %



88

Incident Energy (eV)

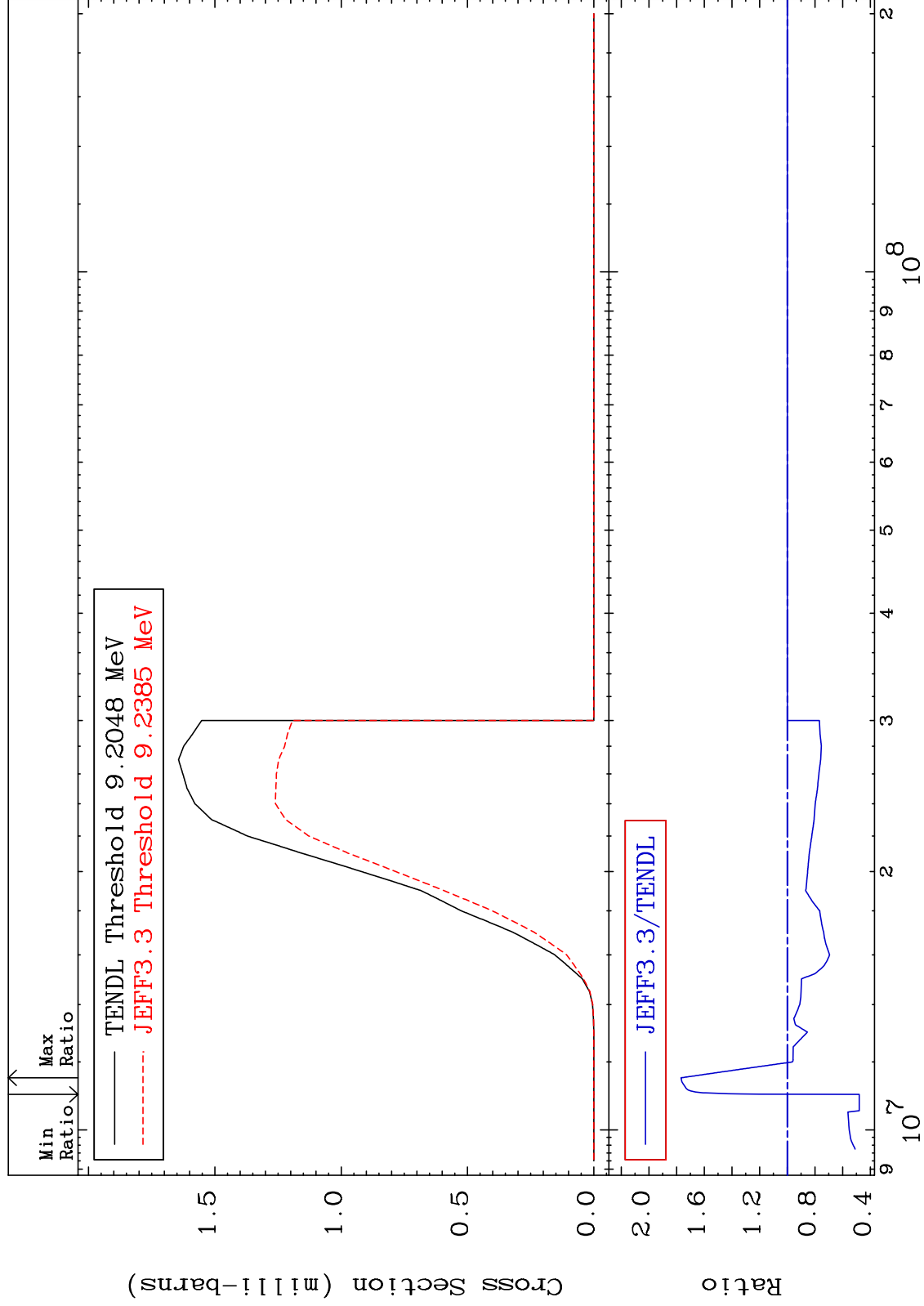
37-Rb-85

MAT 3725

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

37-Rb-85

Radionuclide Production Cross Section -52.02 To 76.77 %



89

Incident Energy (eV)

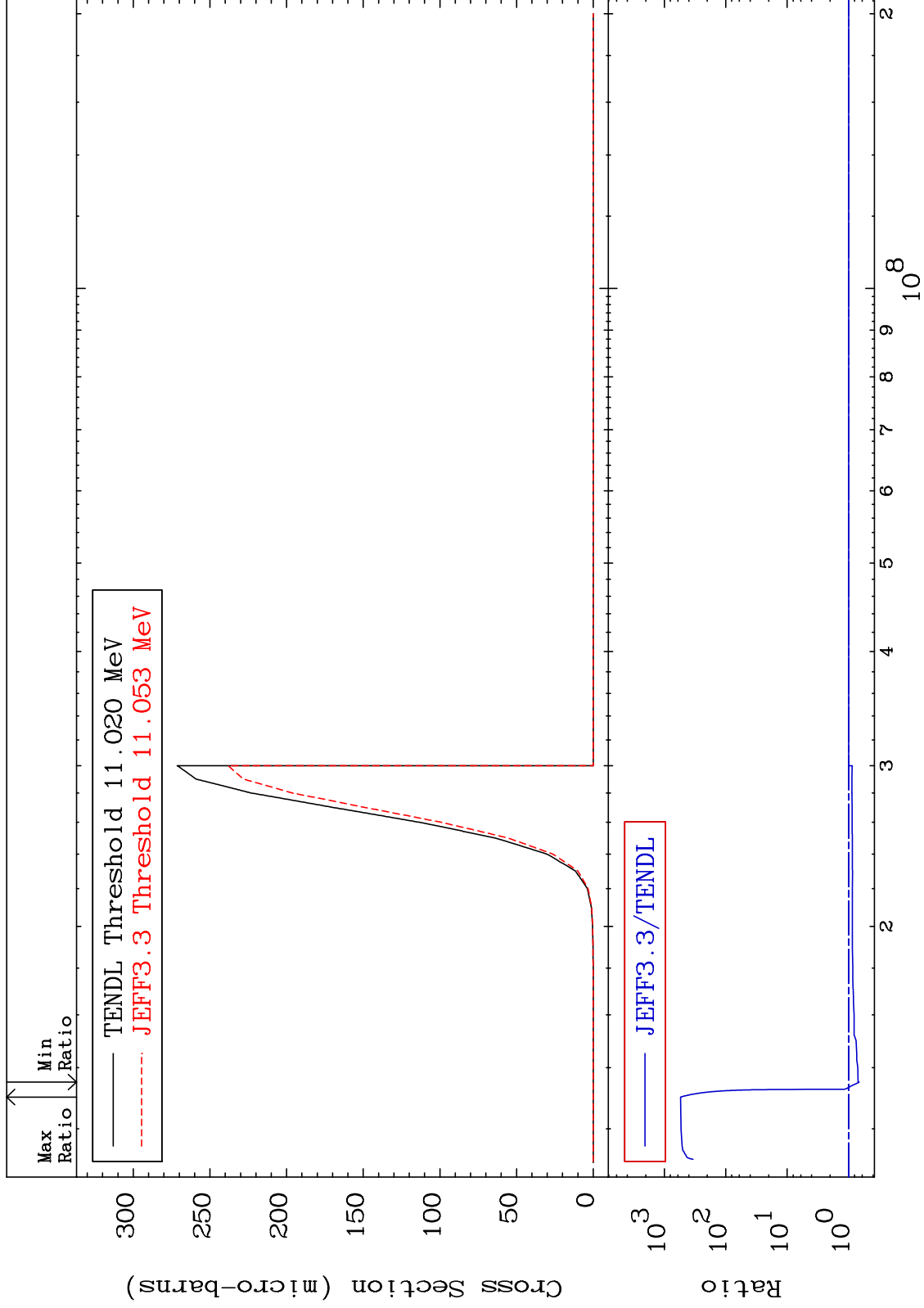
37-Rb-85

MAT 3725

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

37-Rb-85

Radionuclide Production Cross Section -32.71 To 9999. %

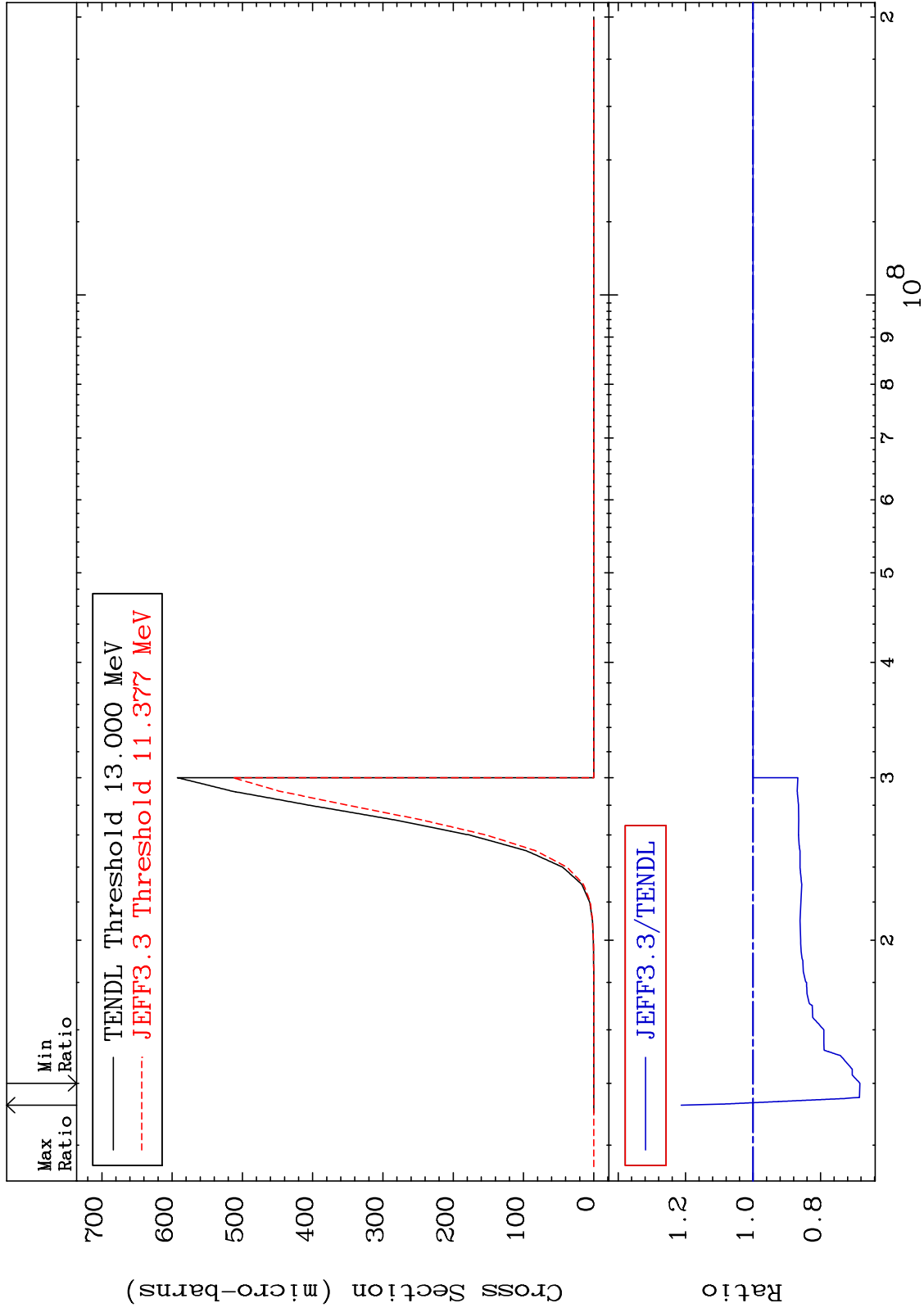


MAT 3725

(n,2p):35-Br-84m1

37-Rb-85

Radionuclide Production Cross Section -31.67 To 21.30 %

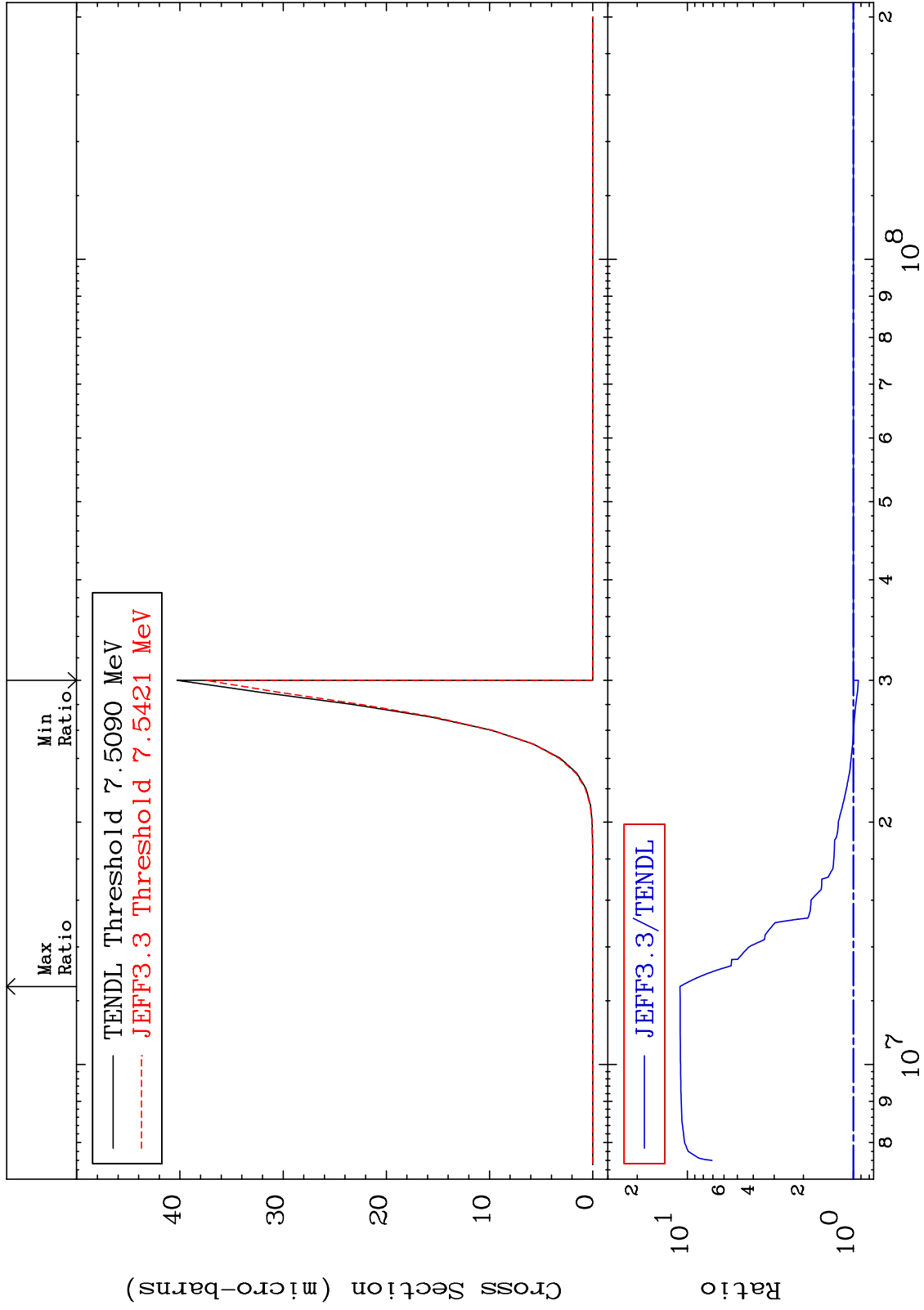


MAT 3725

(n, p) α :34-Se-81g

37-Rb-85

Radionuclide Production Cross Section -6.864 To 1006. %

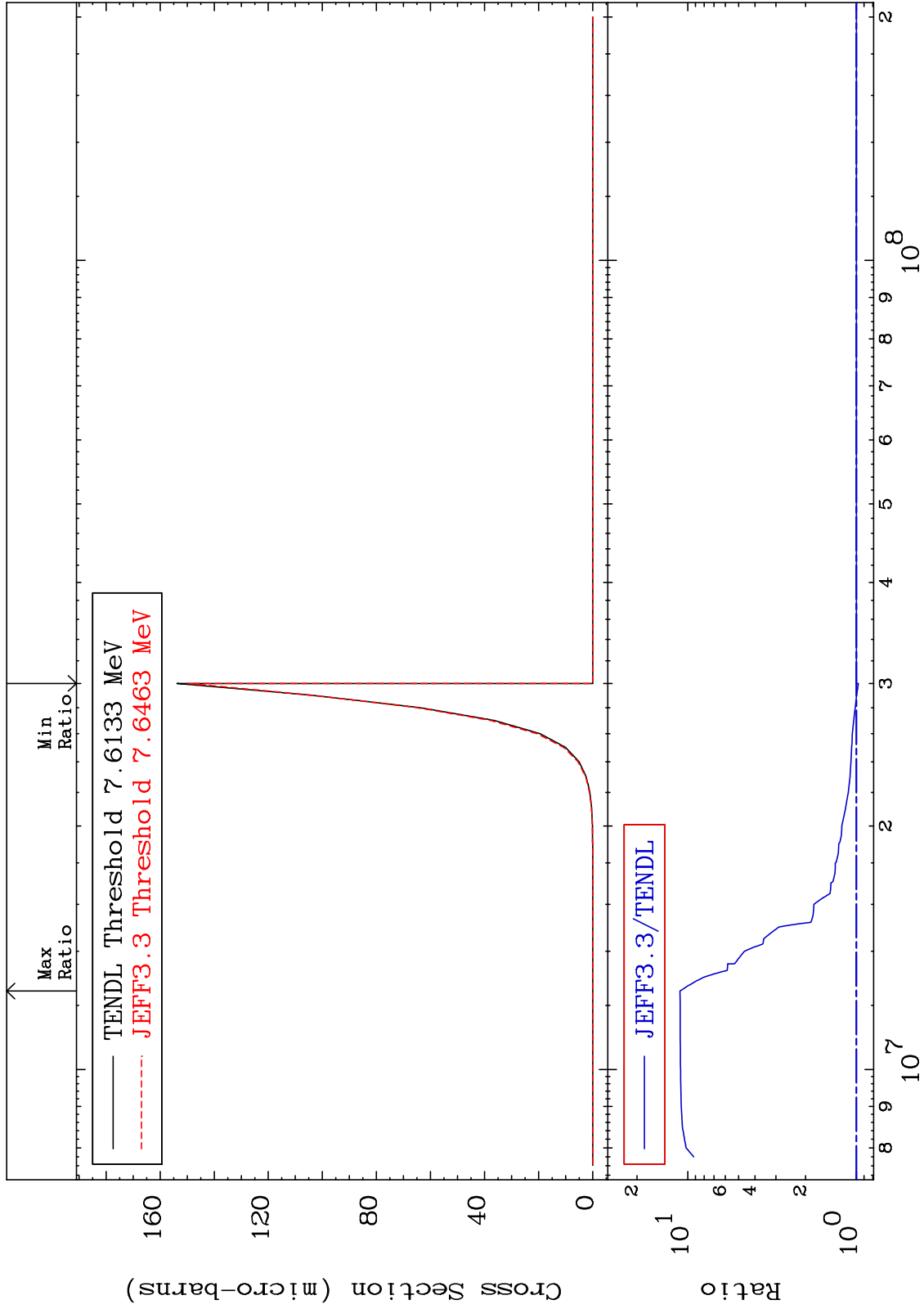


92

Incident Energy (eV)

37-Rb-85

Radionuclide Production Cross Section -2.688 To 1012. %

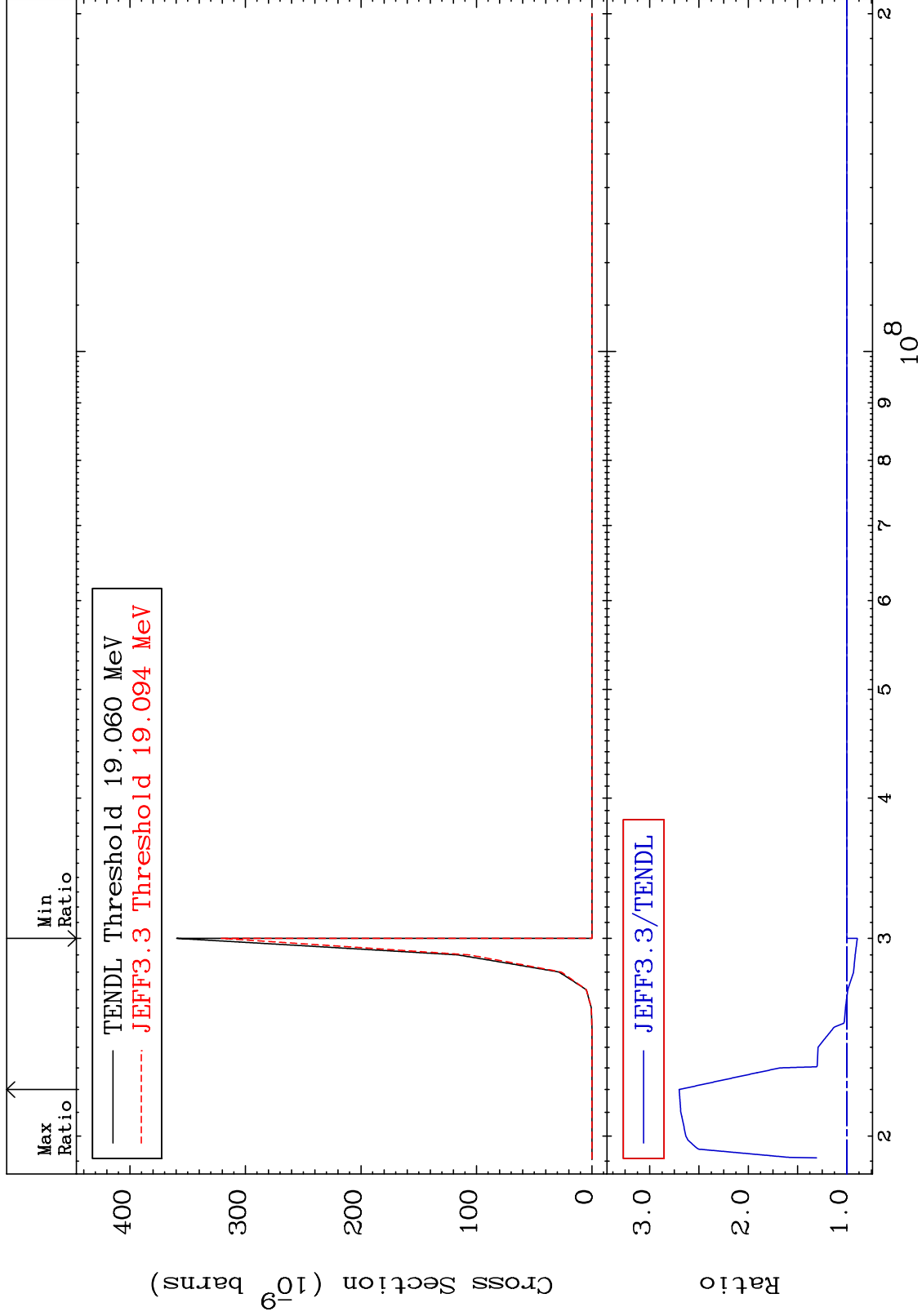


MAT 3725

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

37-Rb-85

Radionuclide Production Cross Section -10.70 To 170.2 %



94

Incident Energy (eV)

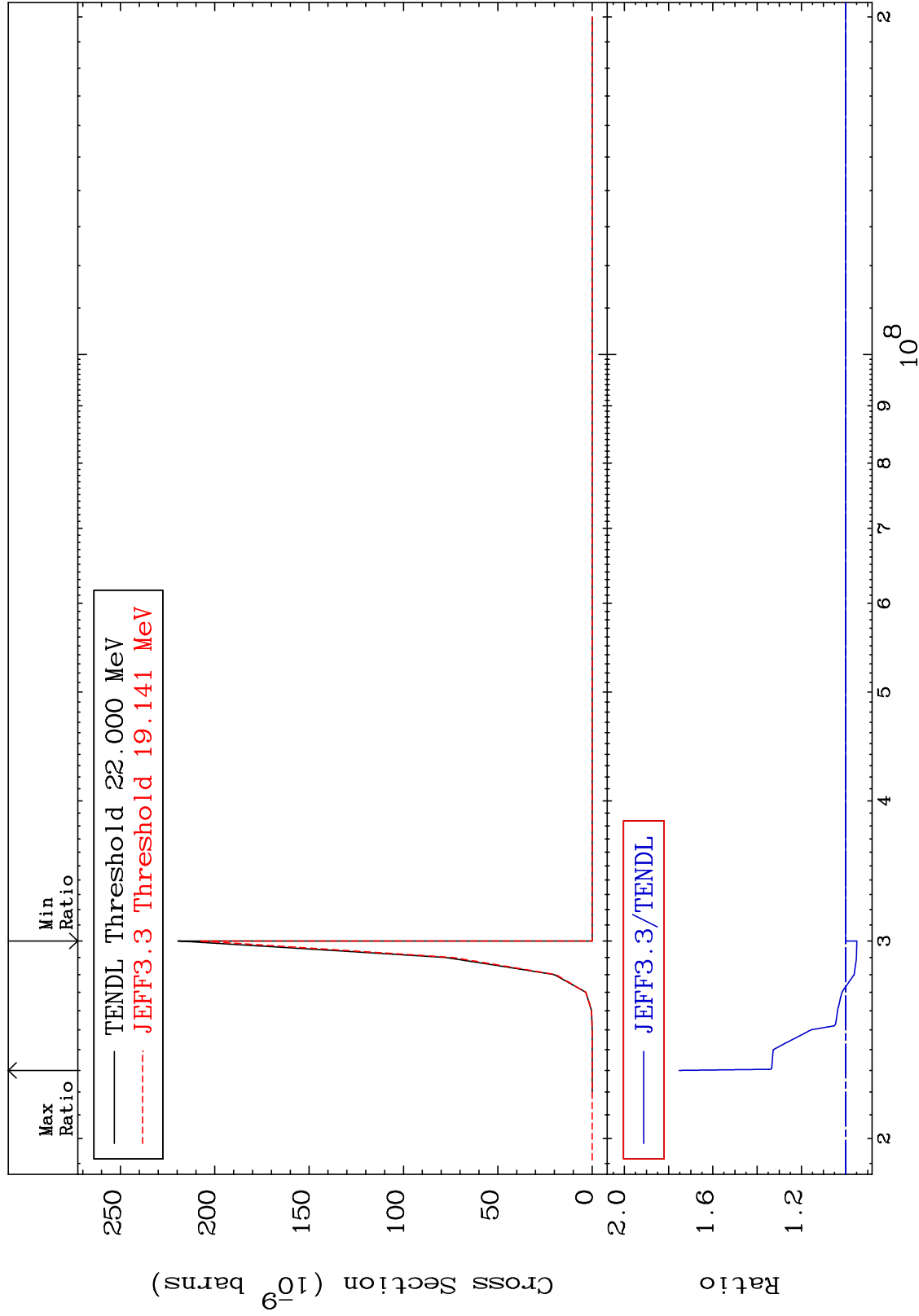
37-Rb-85

MAT 3725

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

37-Rb-85

Radionuclide Production Cross Section -5.107 To 75.24 %



95

Incident Energy (eV)

37-Rb-85