

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

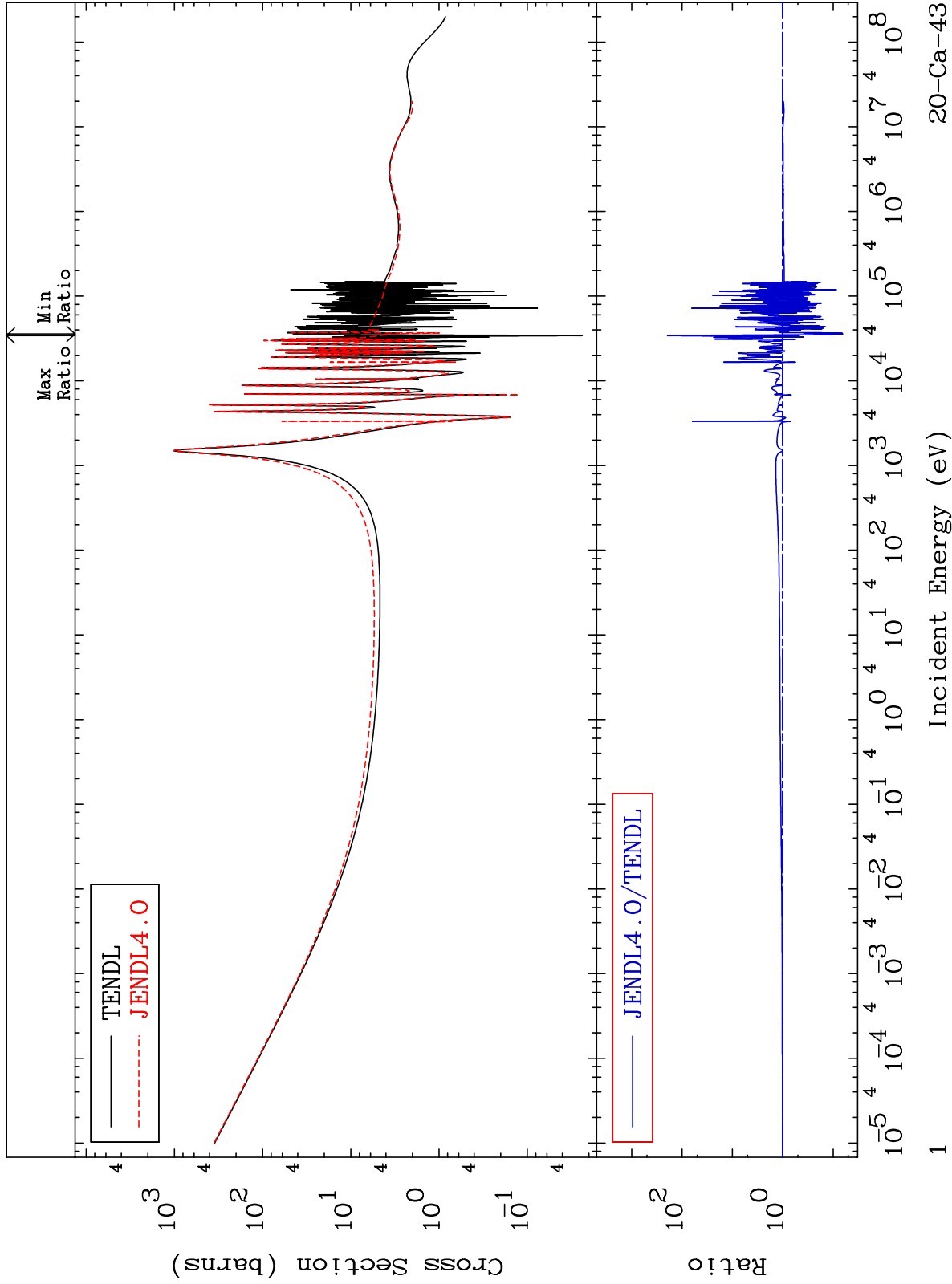
MAT 2034

Total

20-Ca-43

Cross Section

-93.54 To 9999. %



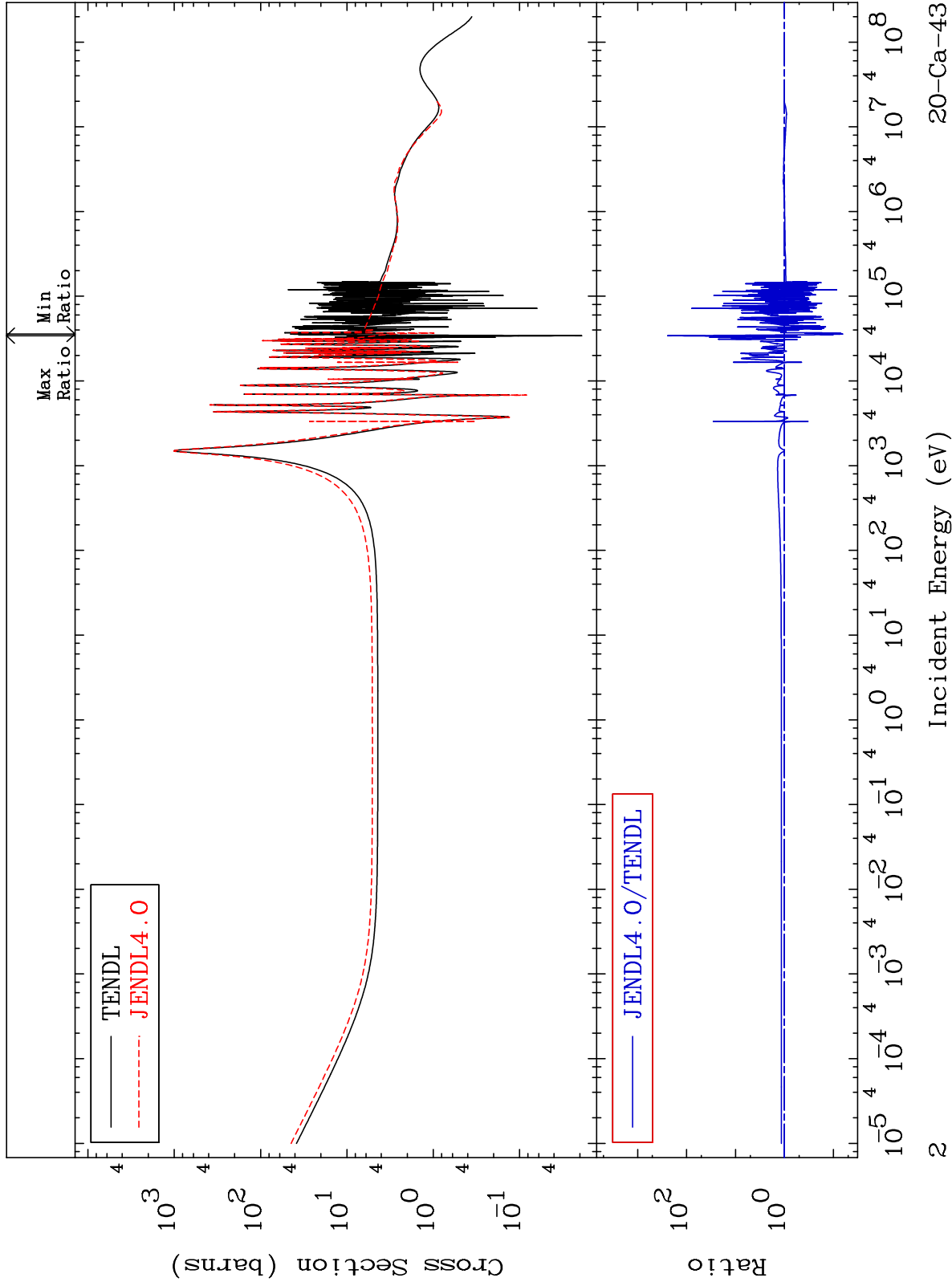
Incident Energy (eV)

20-Ca-43

MAT 2034

Elastic
Cross Section

20-Ca-43
-93.54 To 9999. %



20-Ca-43

Incident Energy (eV)

2

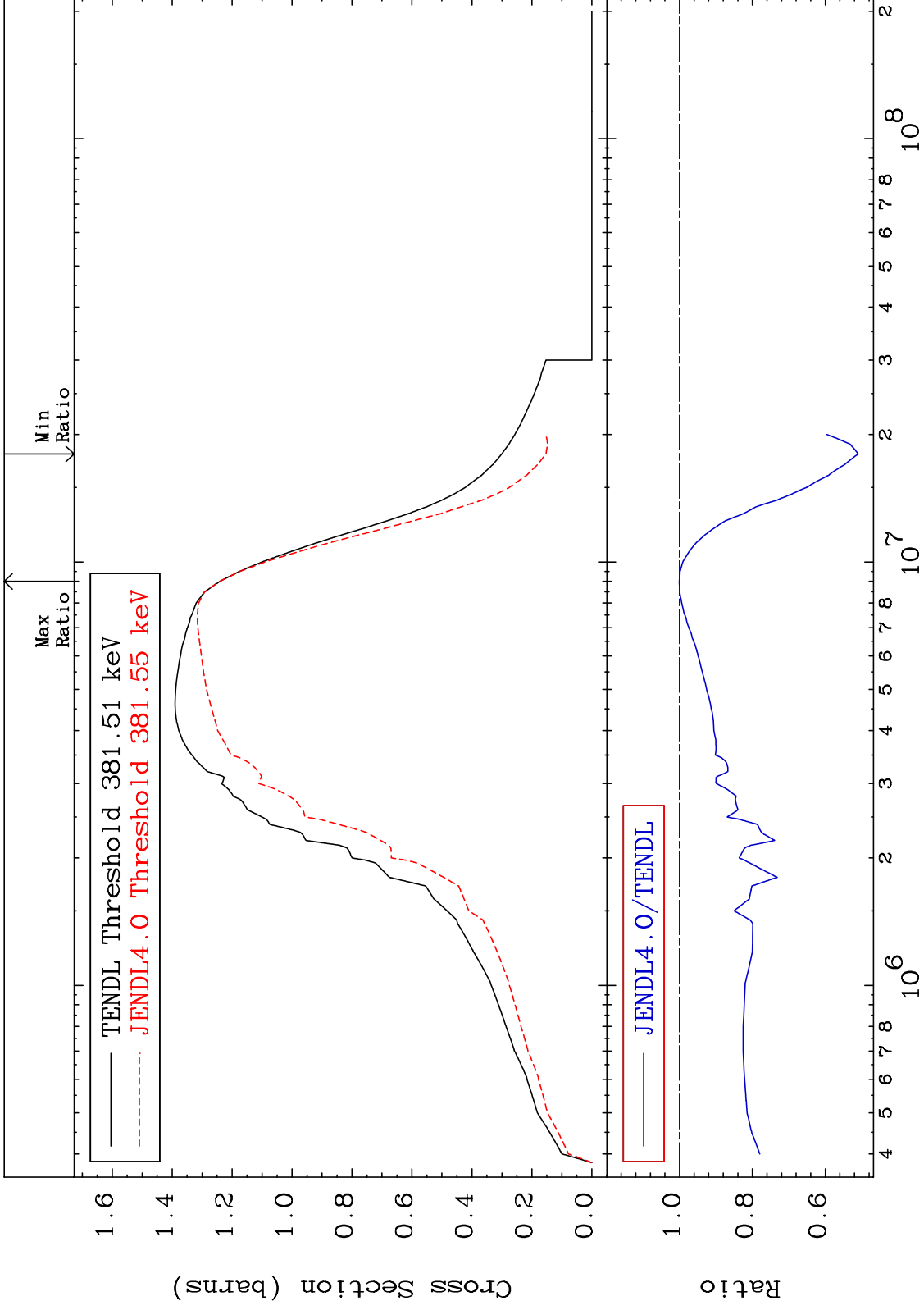
MAT 2034

Inelastic

20-Ca-43

-49.03 To 0.049 %

Cross Section



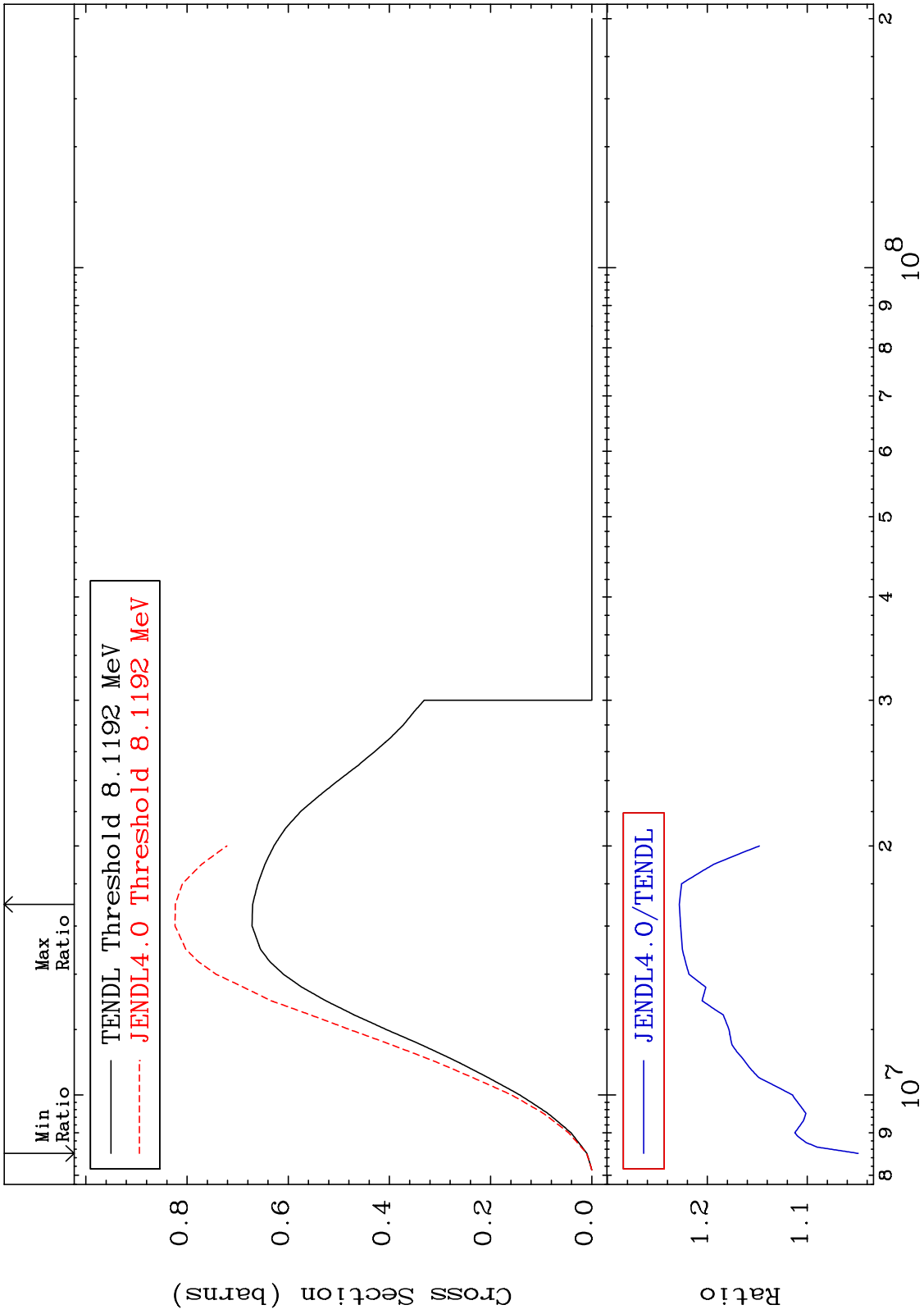
MAT 2034

(n,2n)

20-Ca-43

Cross Section

4.900 To 22.80 %



4

Incident Energy (eV)

20-Ca-43

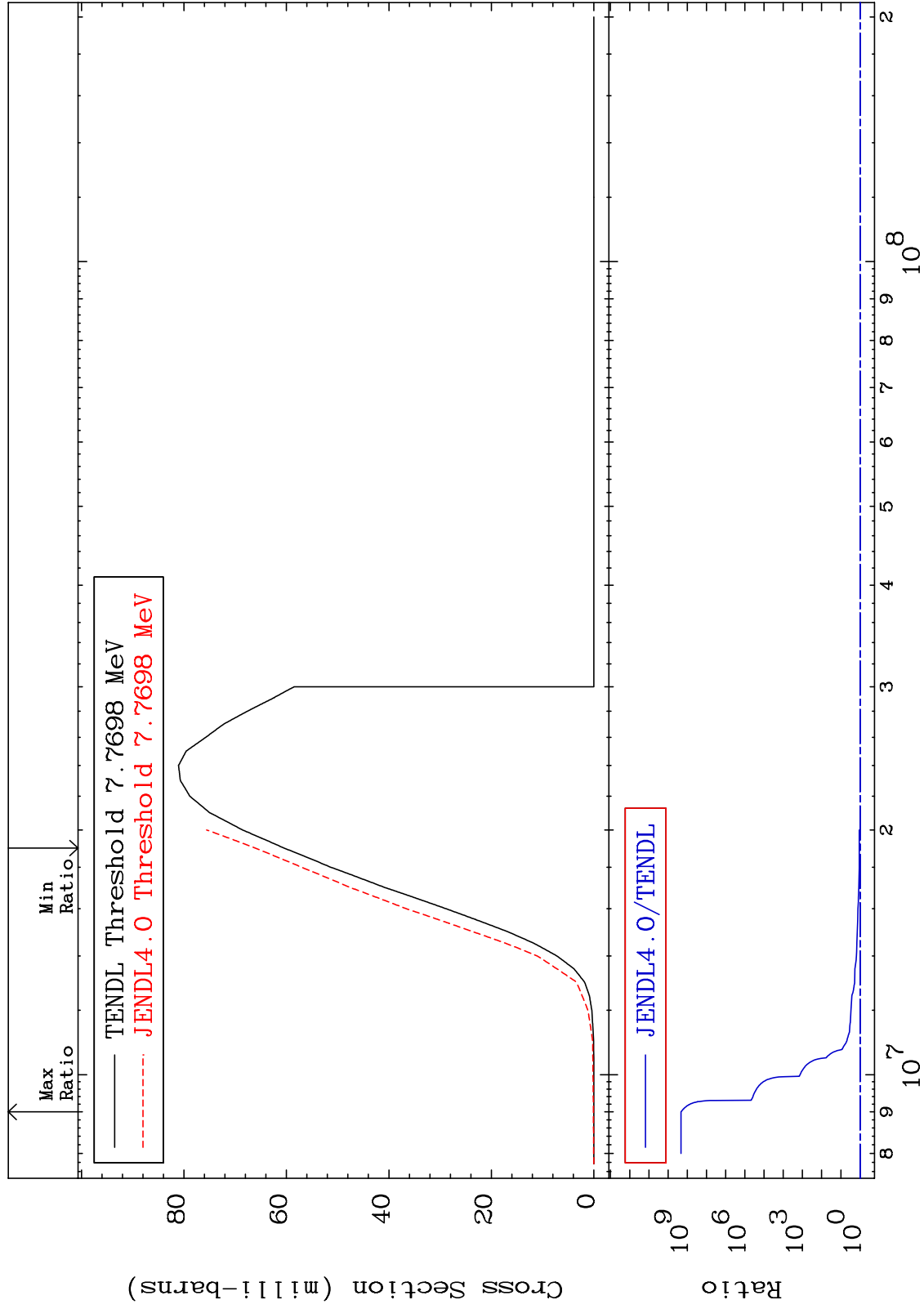
MAT 2034

(n,n') α

20-Ca-43

9.317 To 9999. %

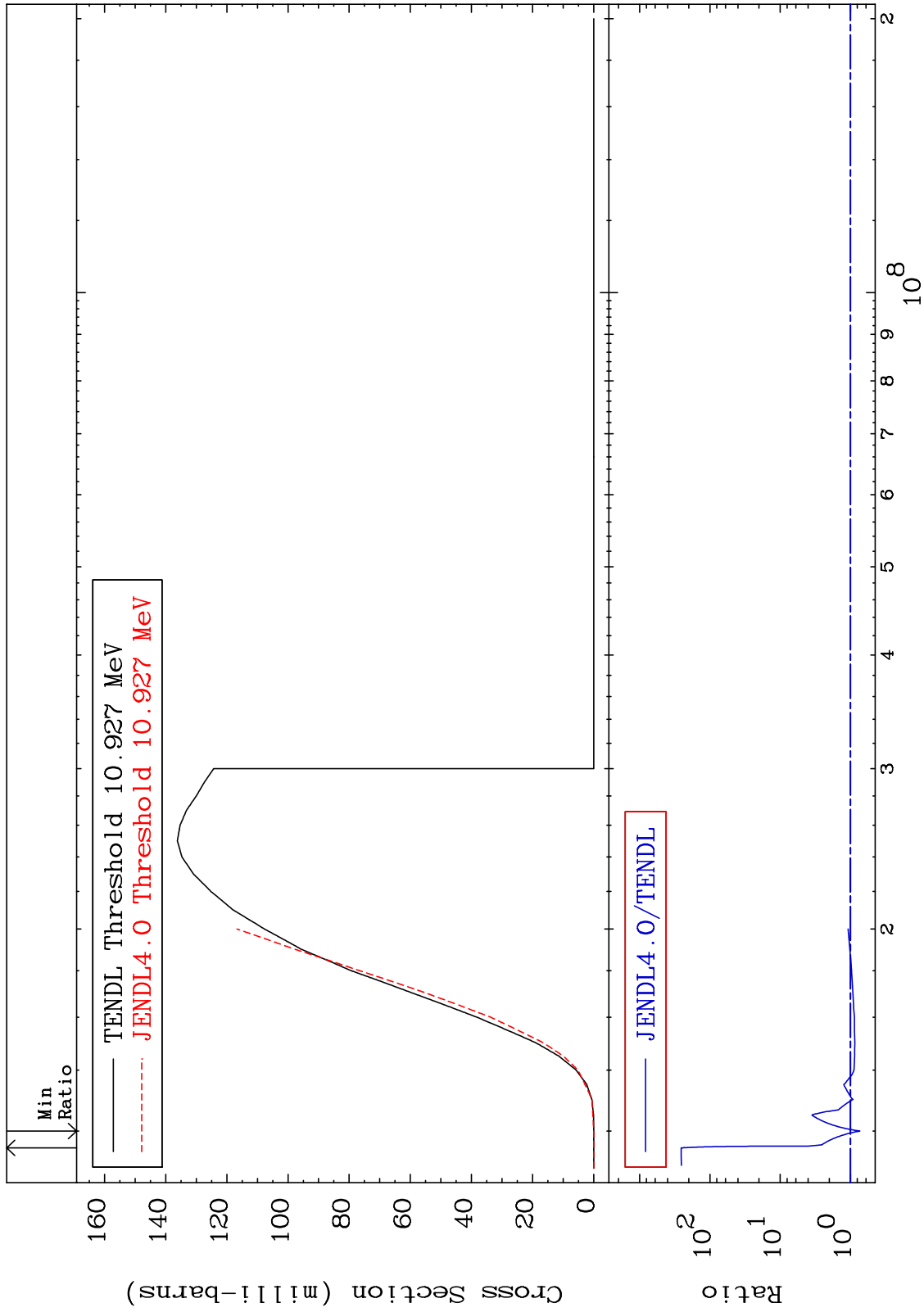
Cross Section



MAT 2034

(n,n') p
Cross Section

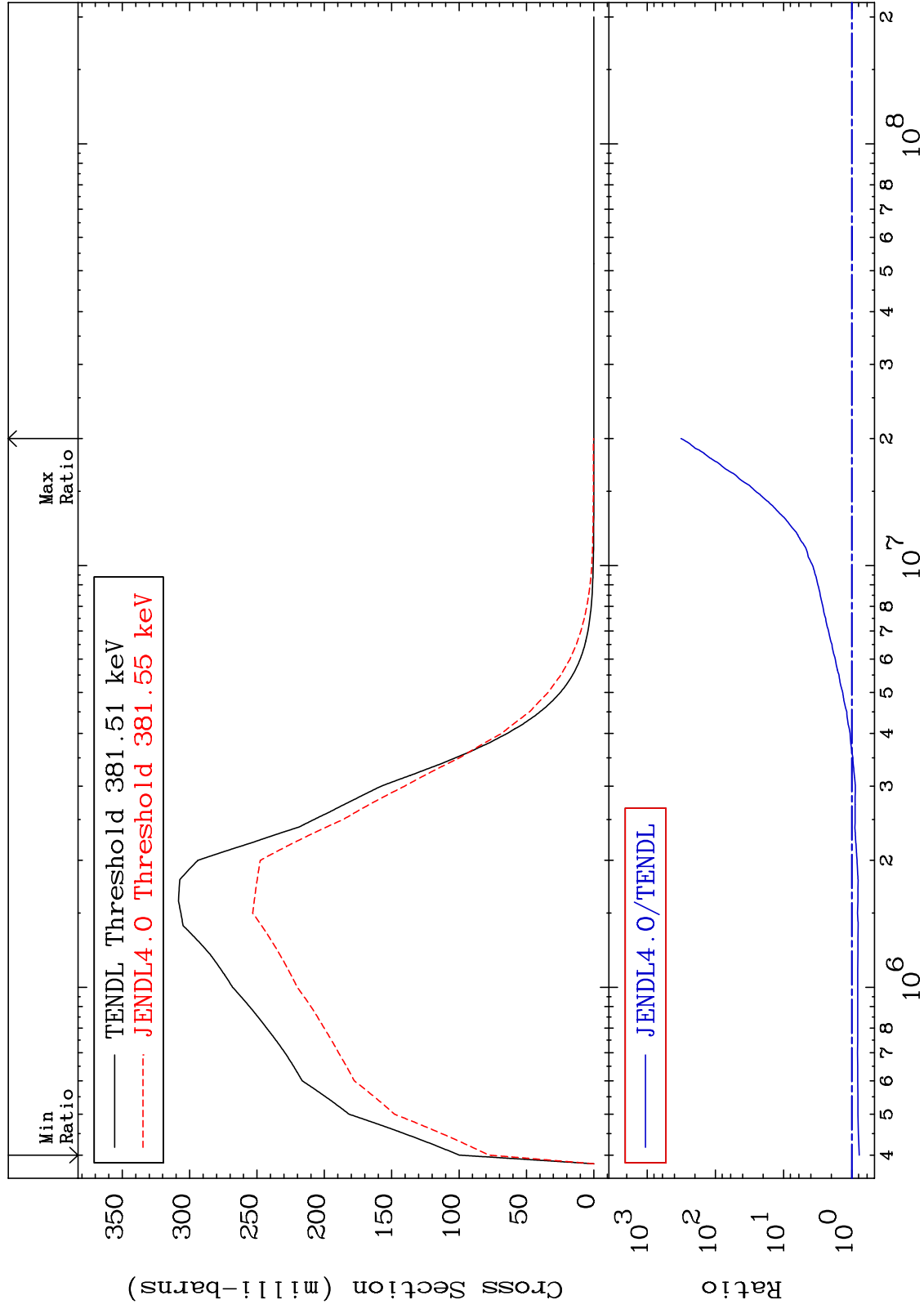
20-Ca-43
-26.56 To 9999. %



MAT 2034

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

20-Ca-43
-21.99 To 9999. %



7

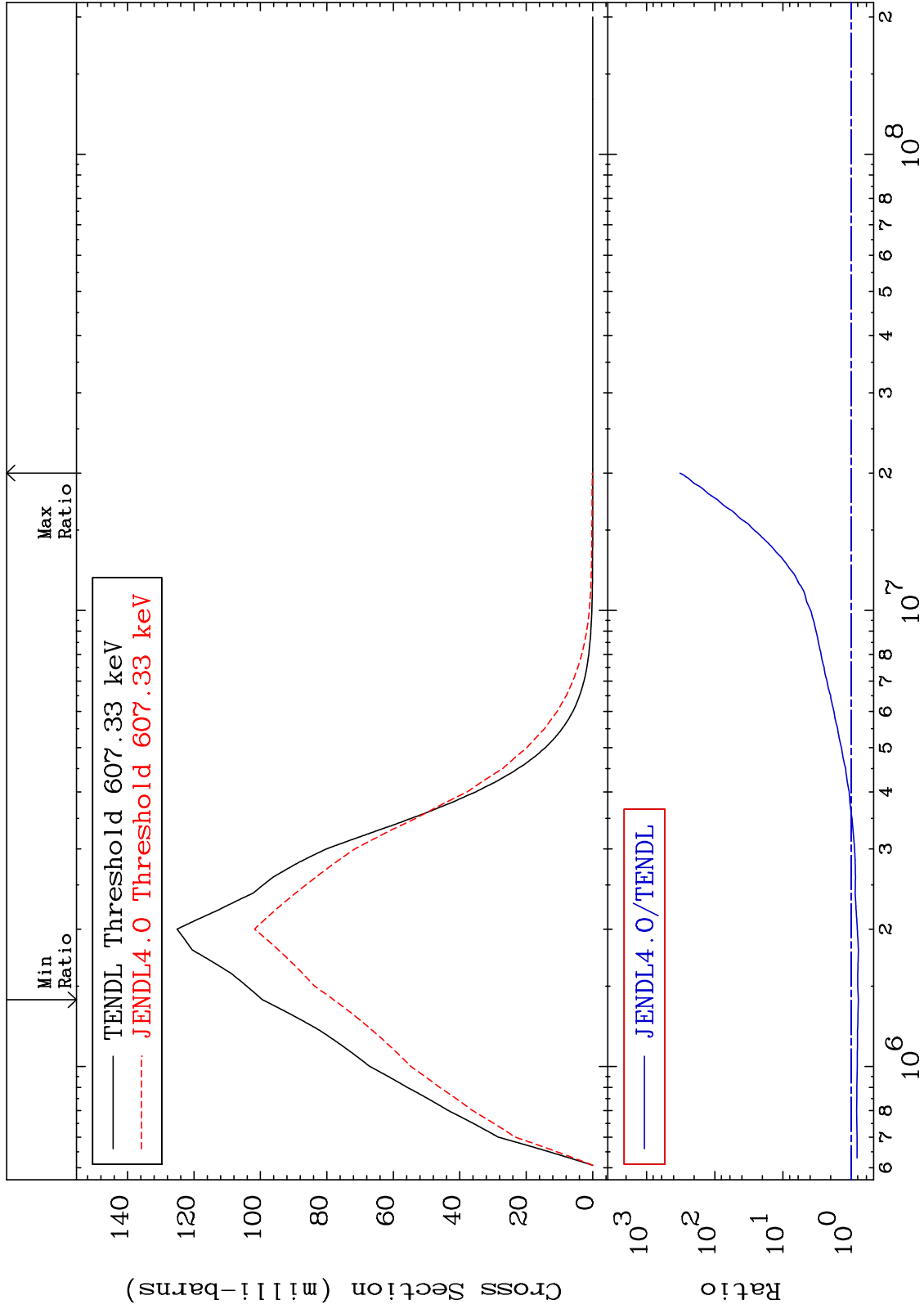
Incident Energy (eV)

20-Ca-43

MAT 2034

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

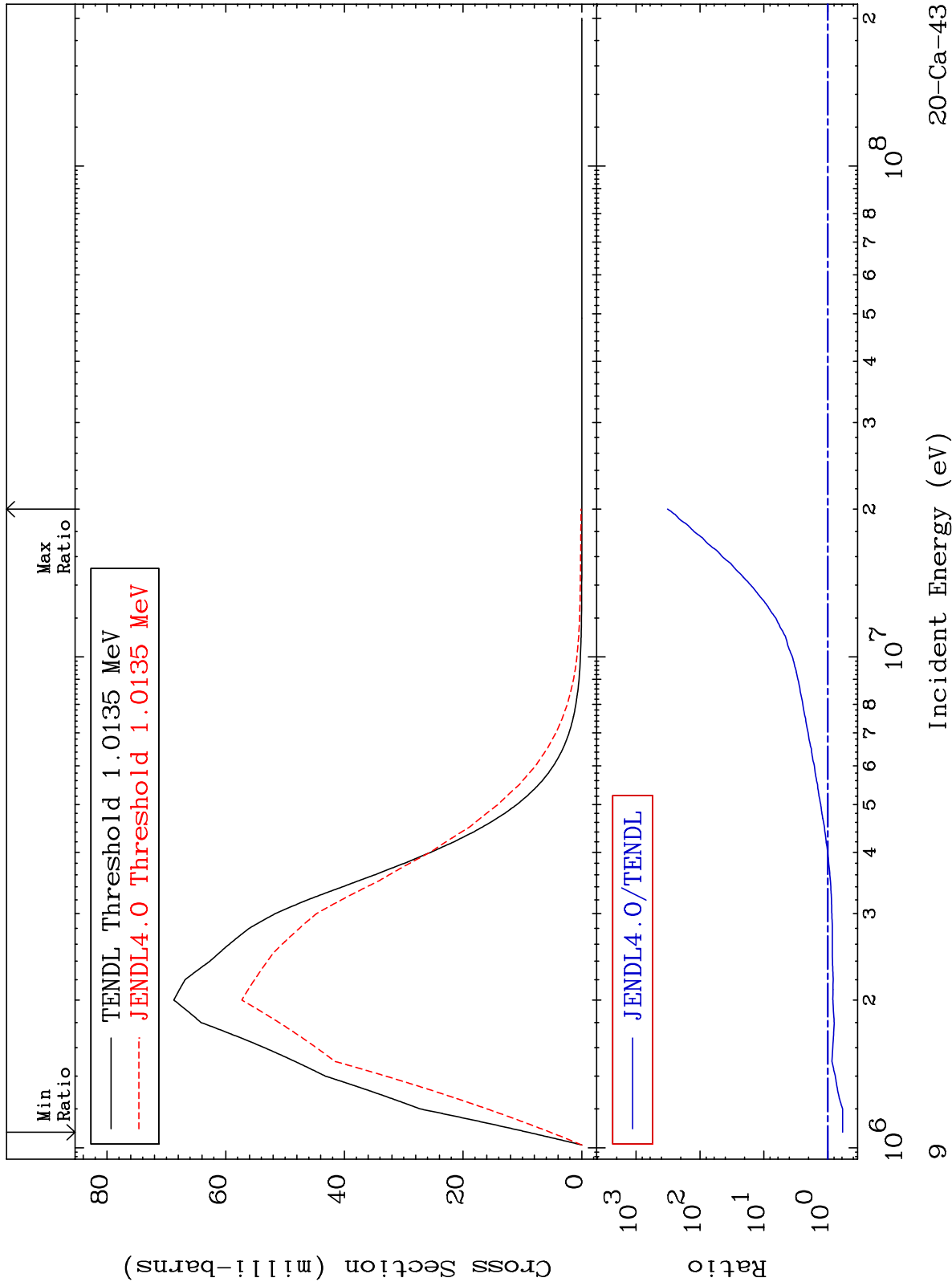
20-Ca-43
-21.61 To 9999. %



MAT 2034

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

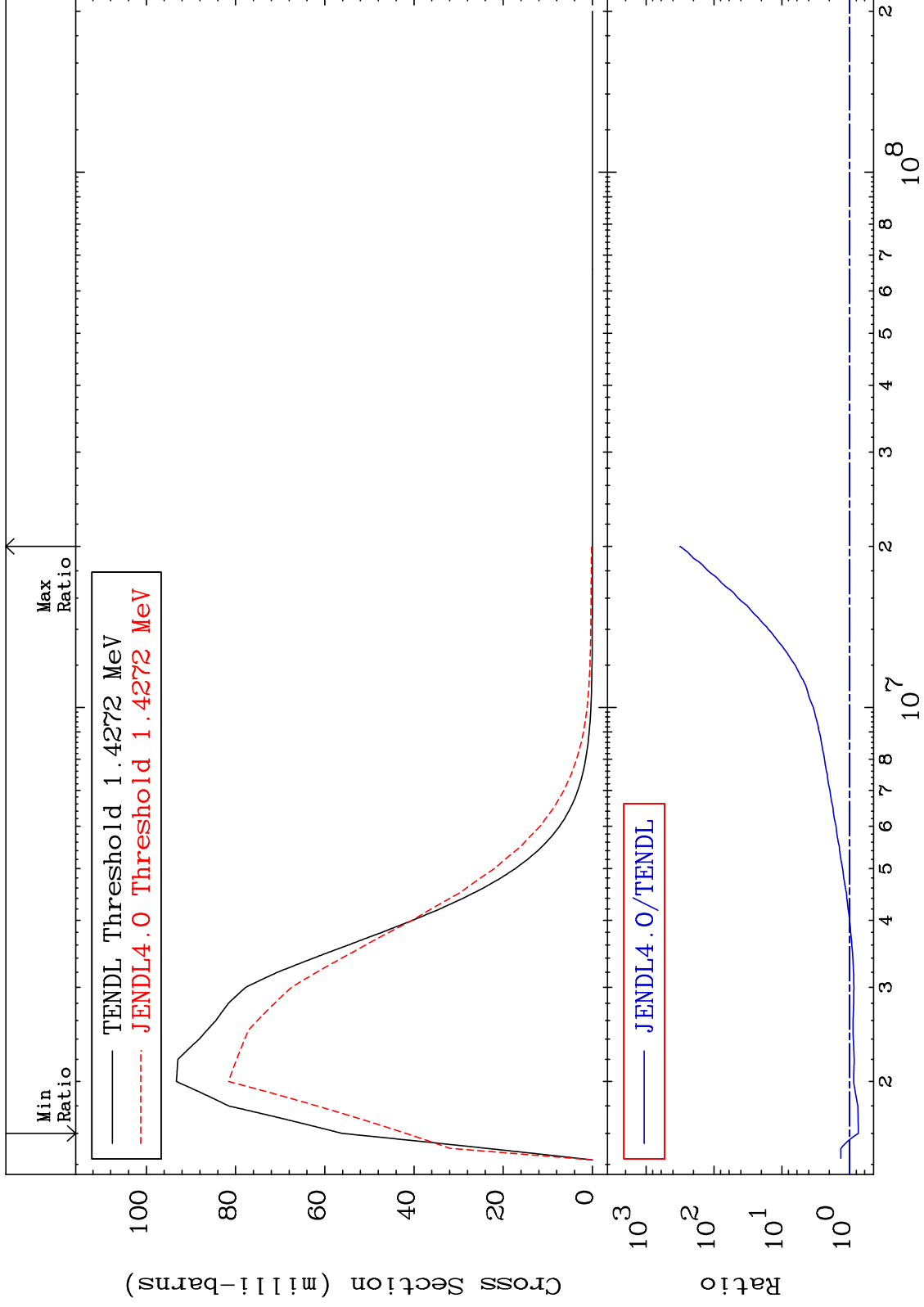
20-Ca-43
-41.44 To 9999. %



MAT 2034

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

20-Ca-43
-25.49 To 9999. %



10

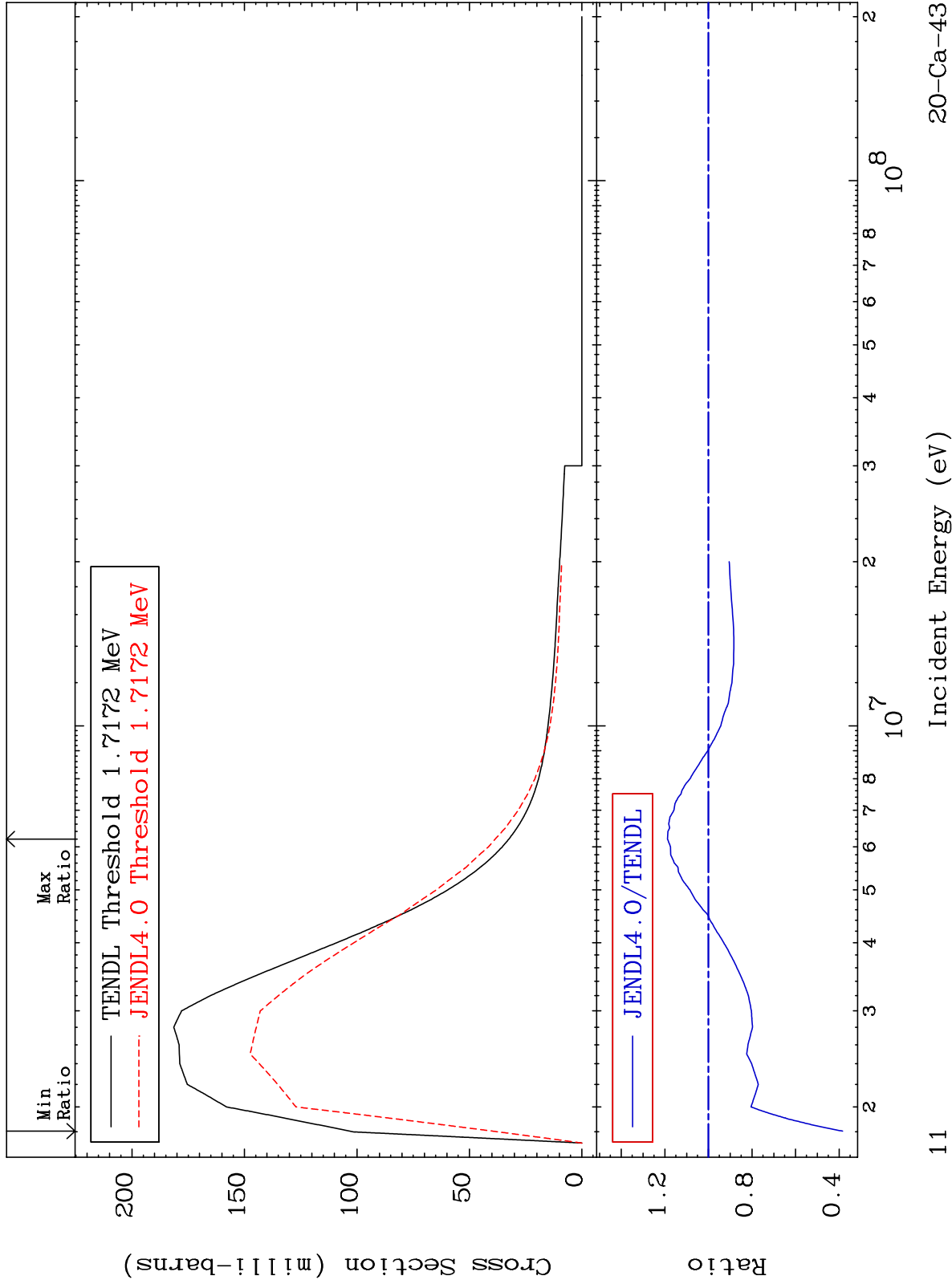
Incident Energy (eV)

20-Ca-43

MAT 2034

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

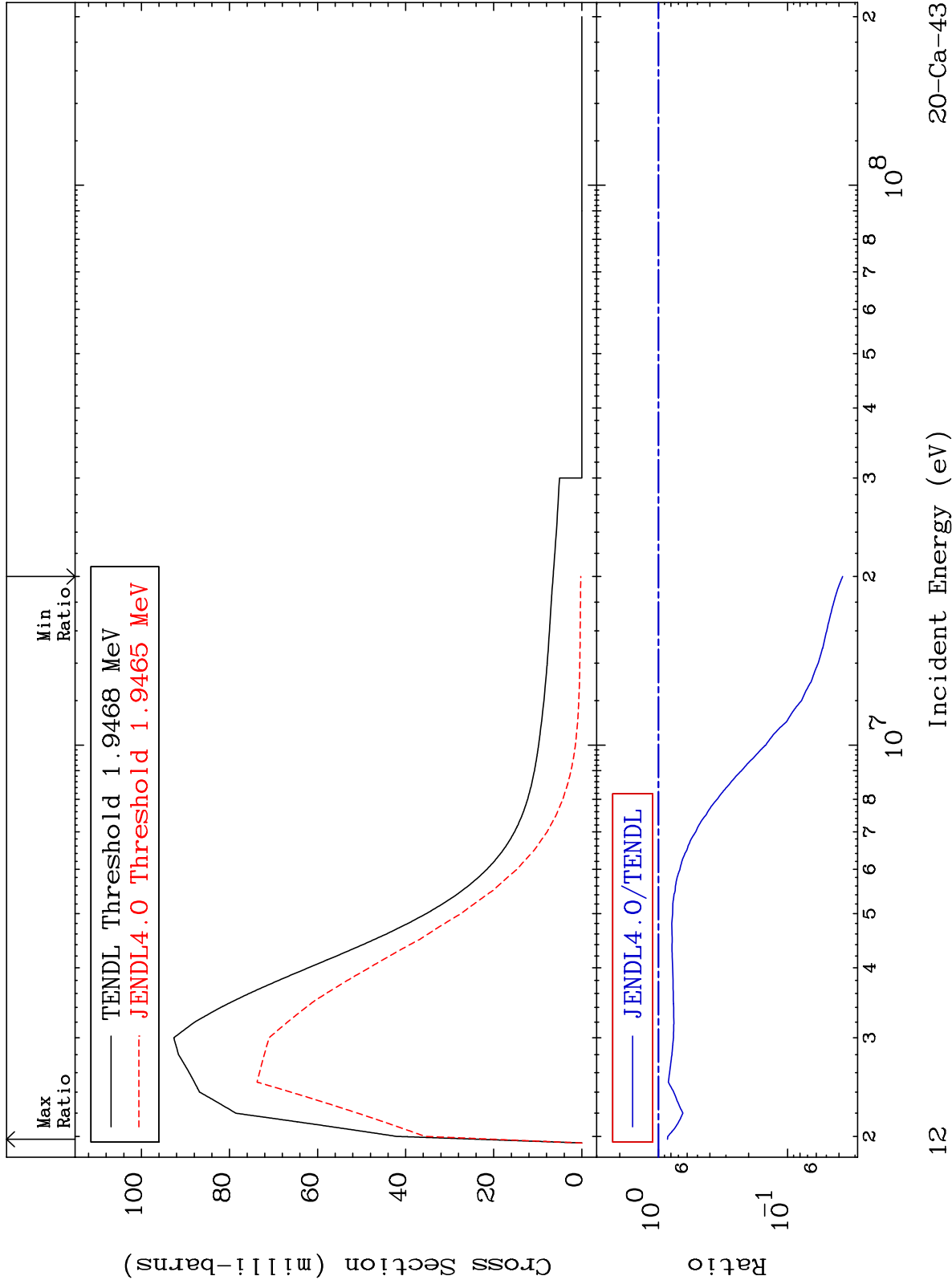
20-Ca-43
-61.62 To 18.77 %



MAT 2034

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

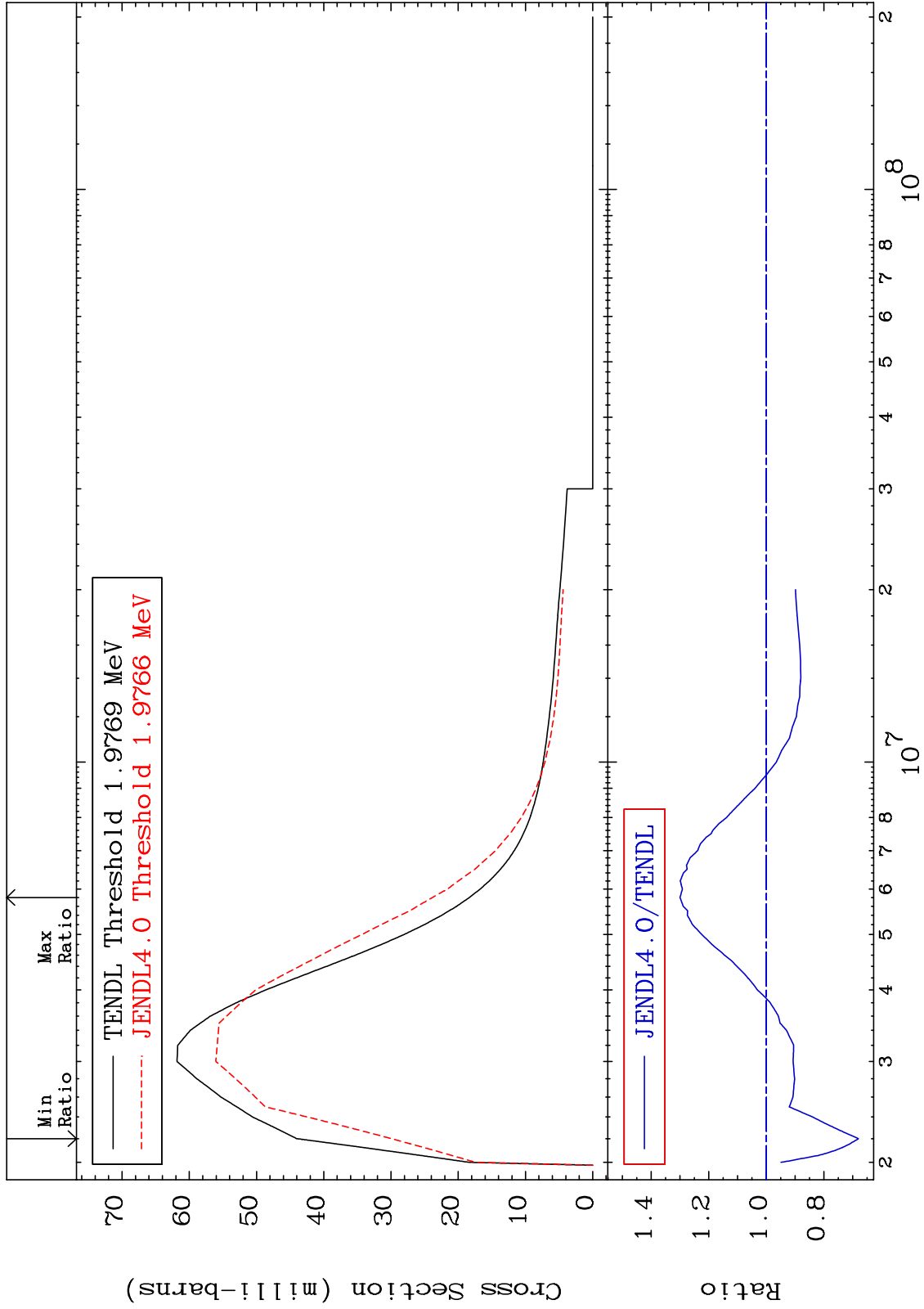
20-Ca-43
-96.26 To -14.91%



MAT 2034

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

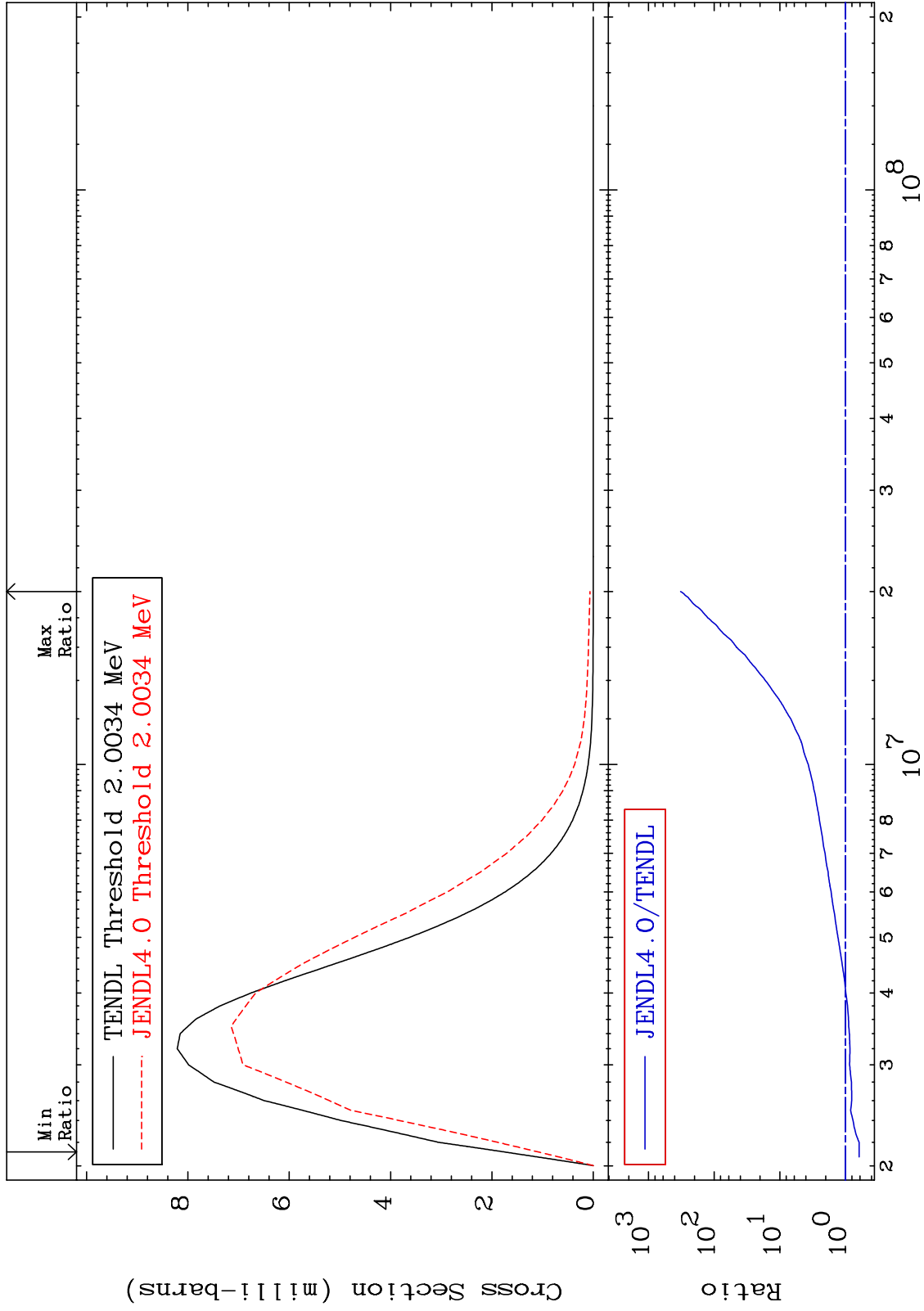
20-Ca-43
-32.00 To 29.99 %



MAT 2034

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

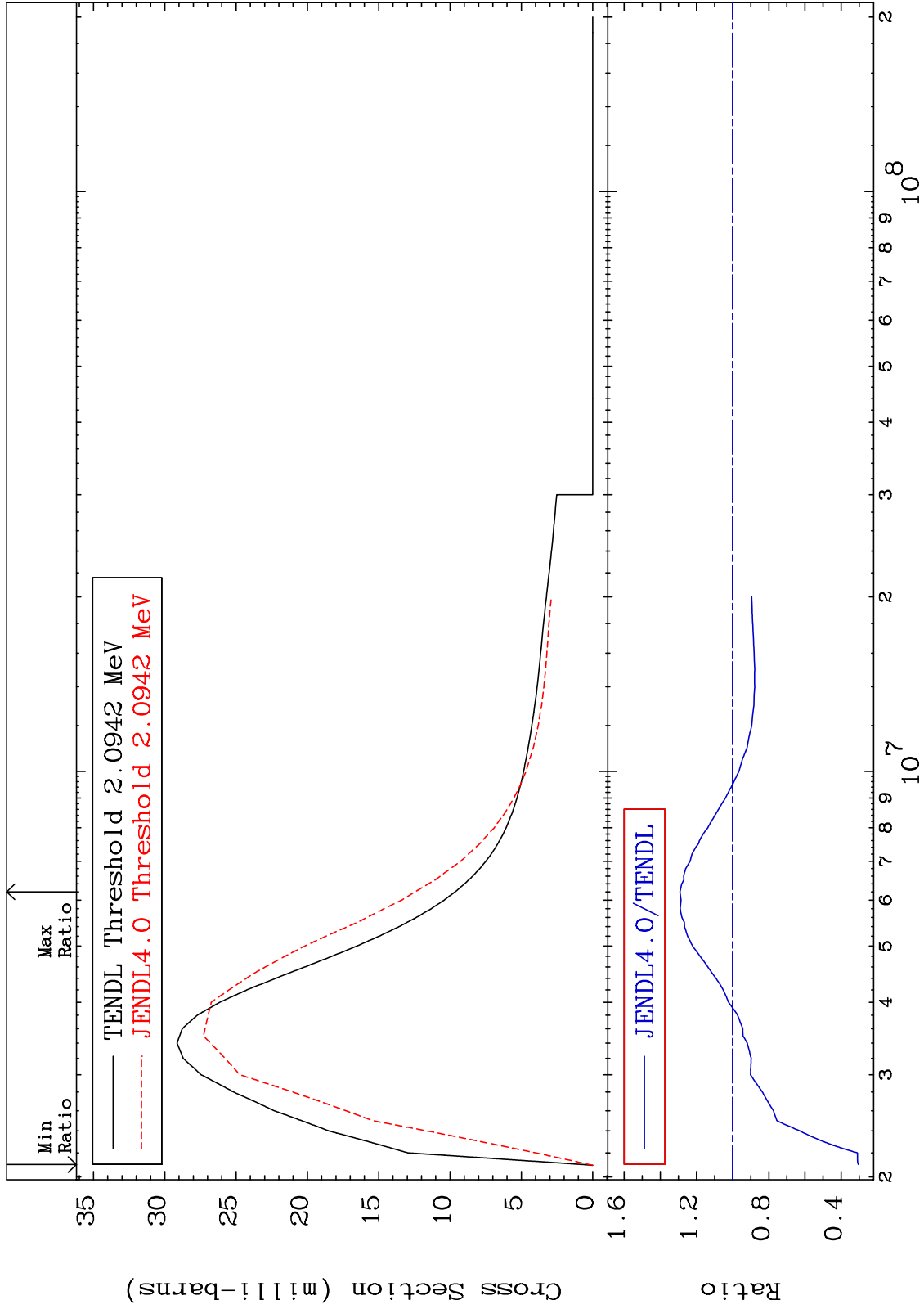
20-Ca-43
-38.20 To 9999. %



MAT 2034

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

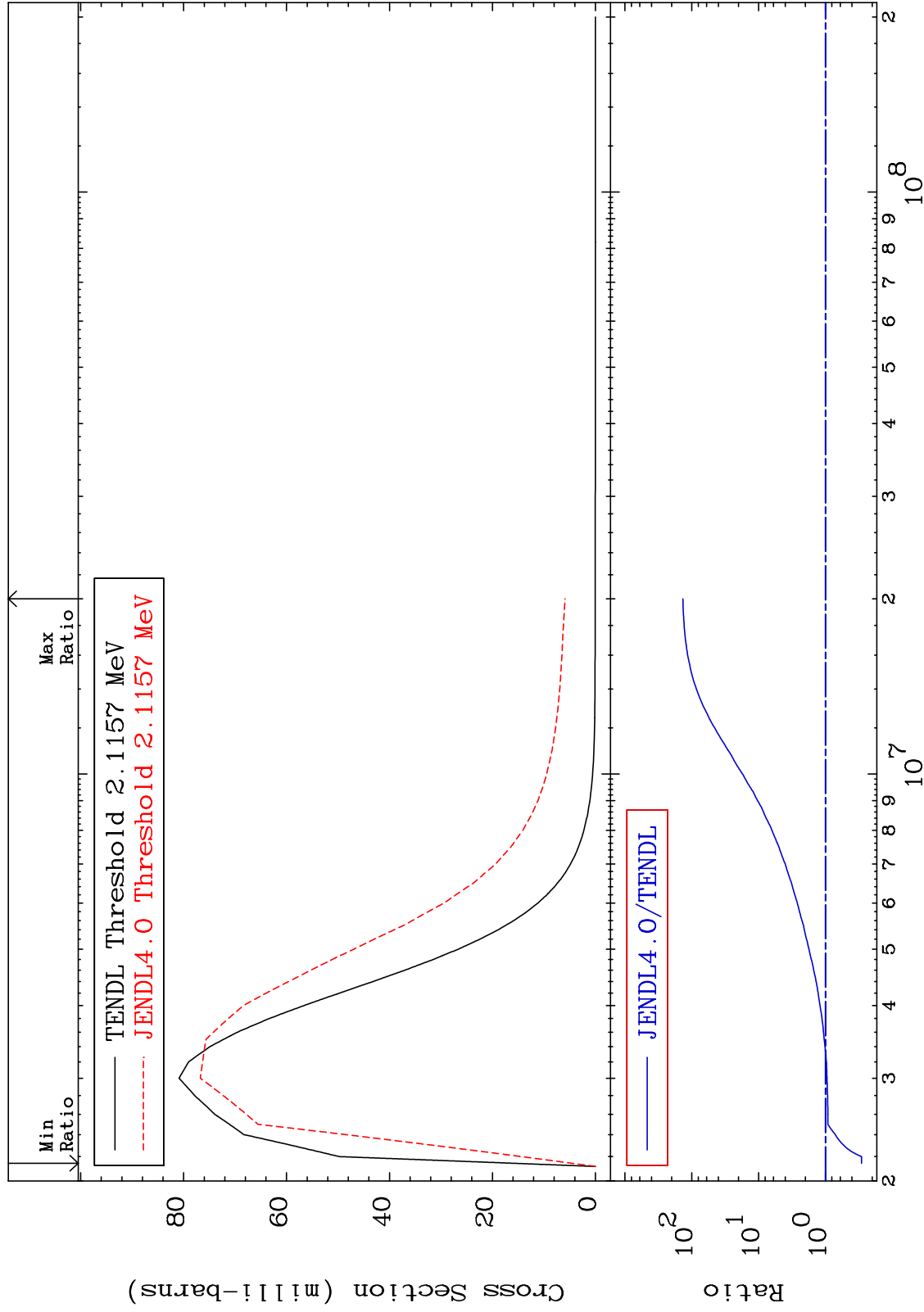
20-Ca-43
-69.52 To 29.10 %



MAT 2034

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

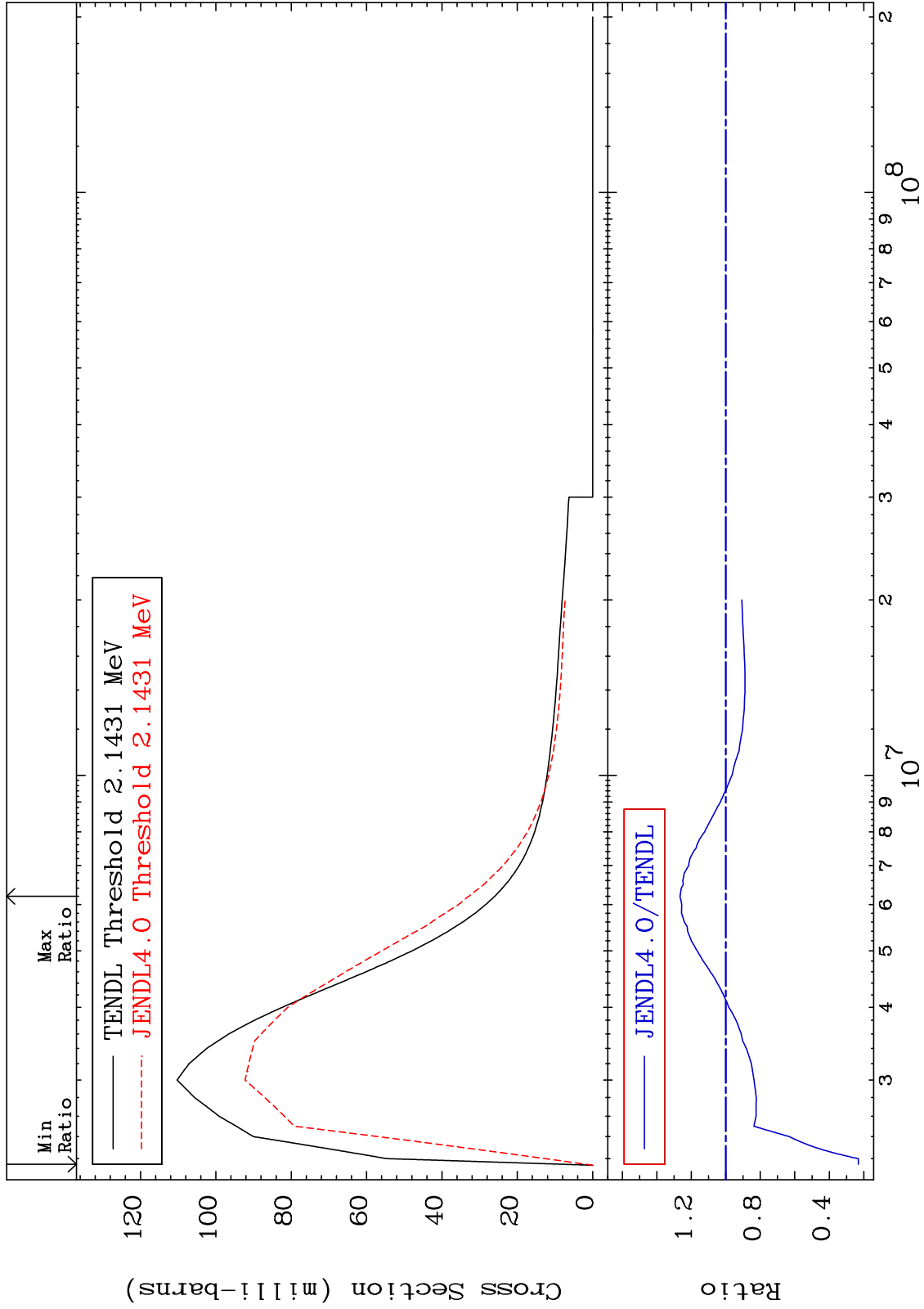
20-Ca-43
-71.22 To 9999. %



MAT 2034

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

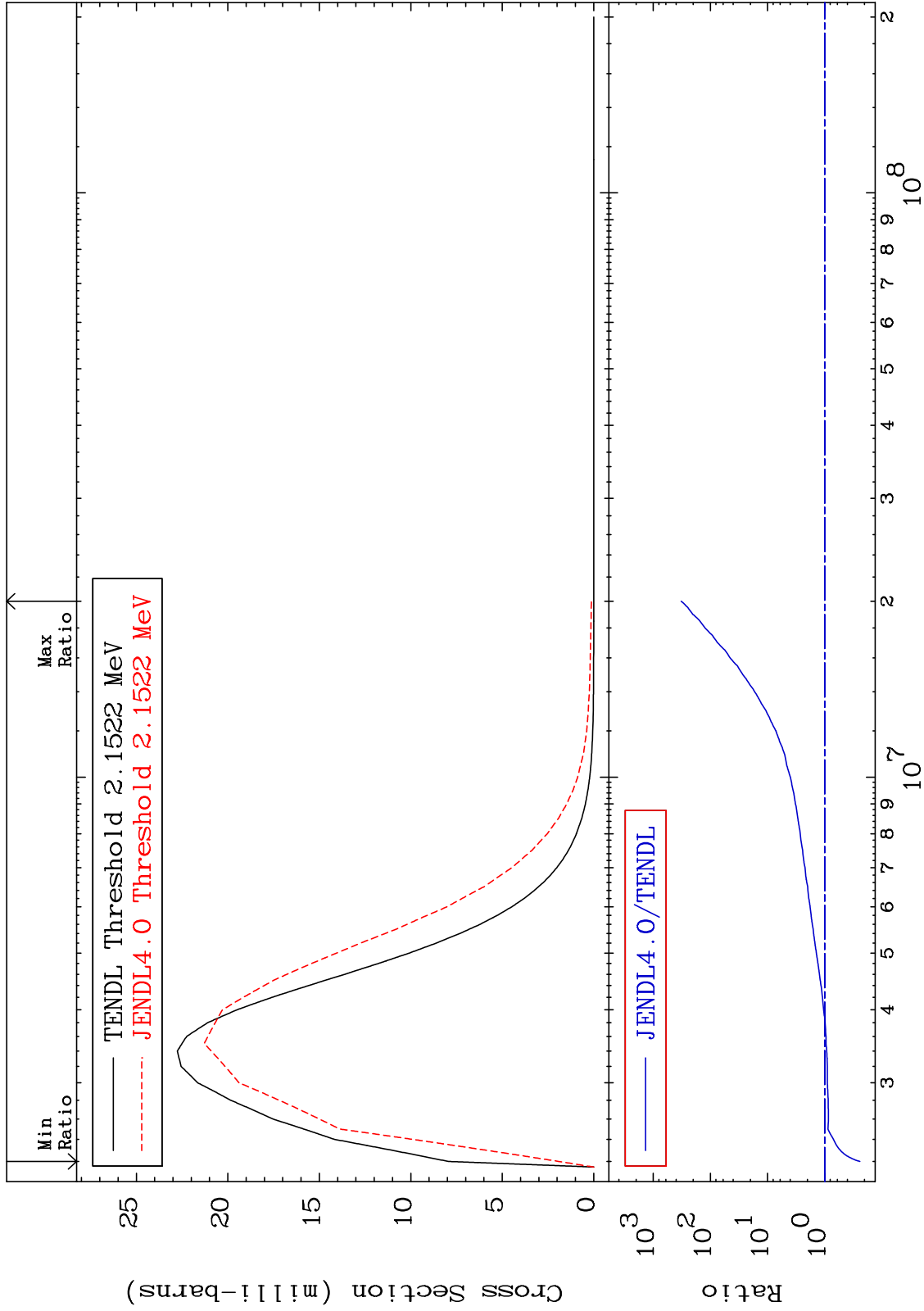
20-Ca-43
-76.91 To 26.56 %



MAT 2034

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

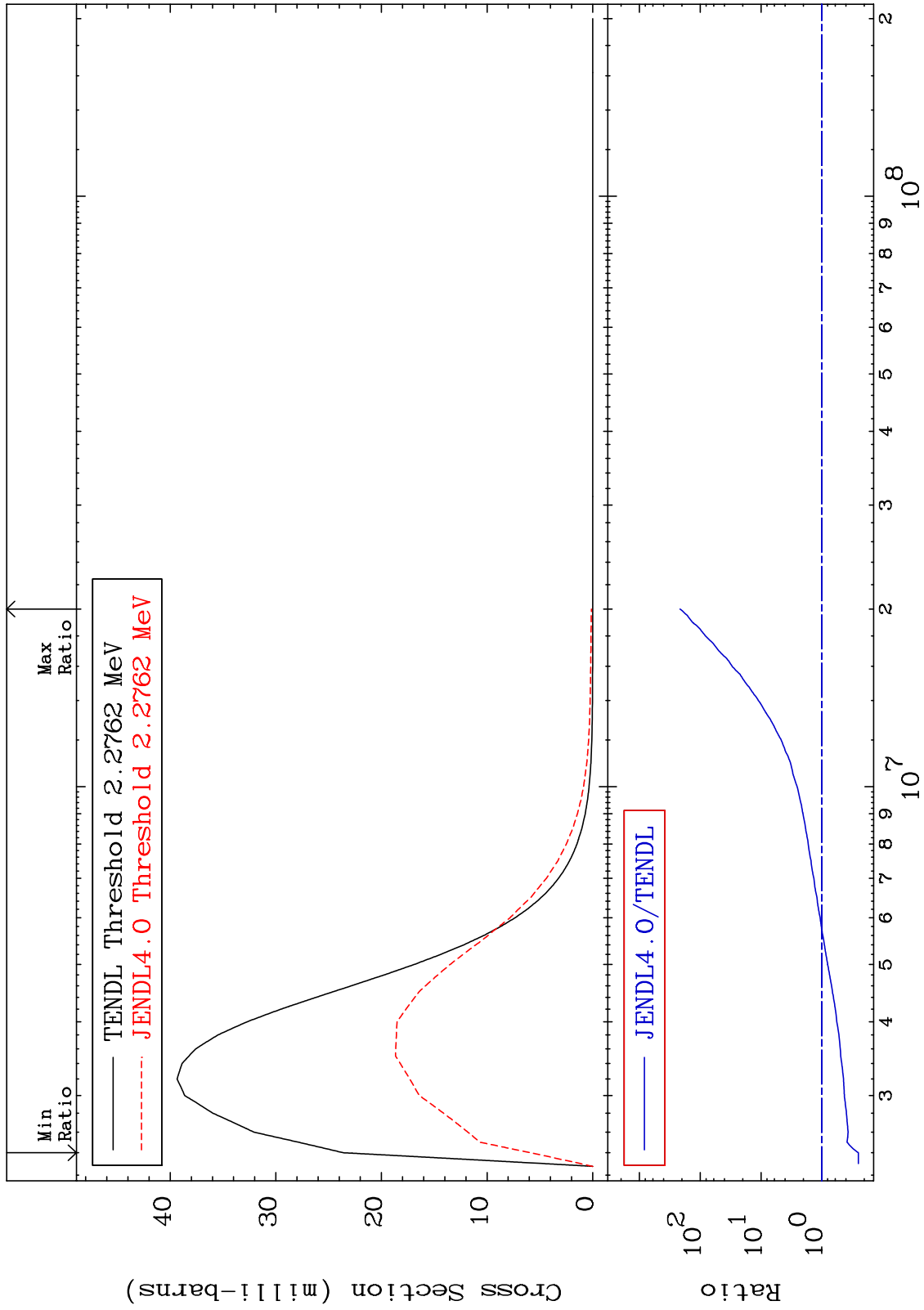
20-Ca-43
-75.91 To 9999. %



MAT 2034

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

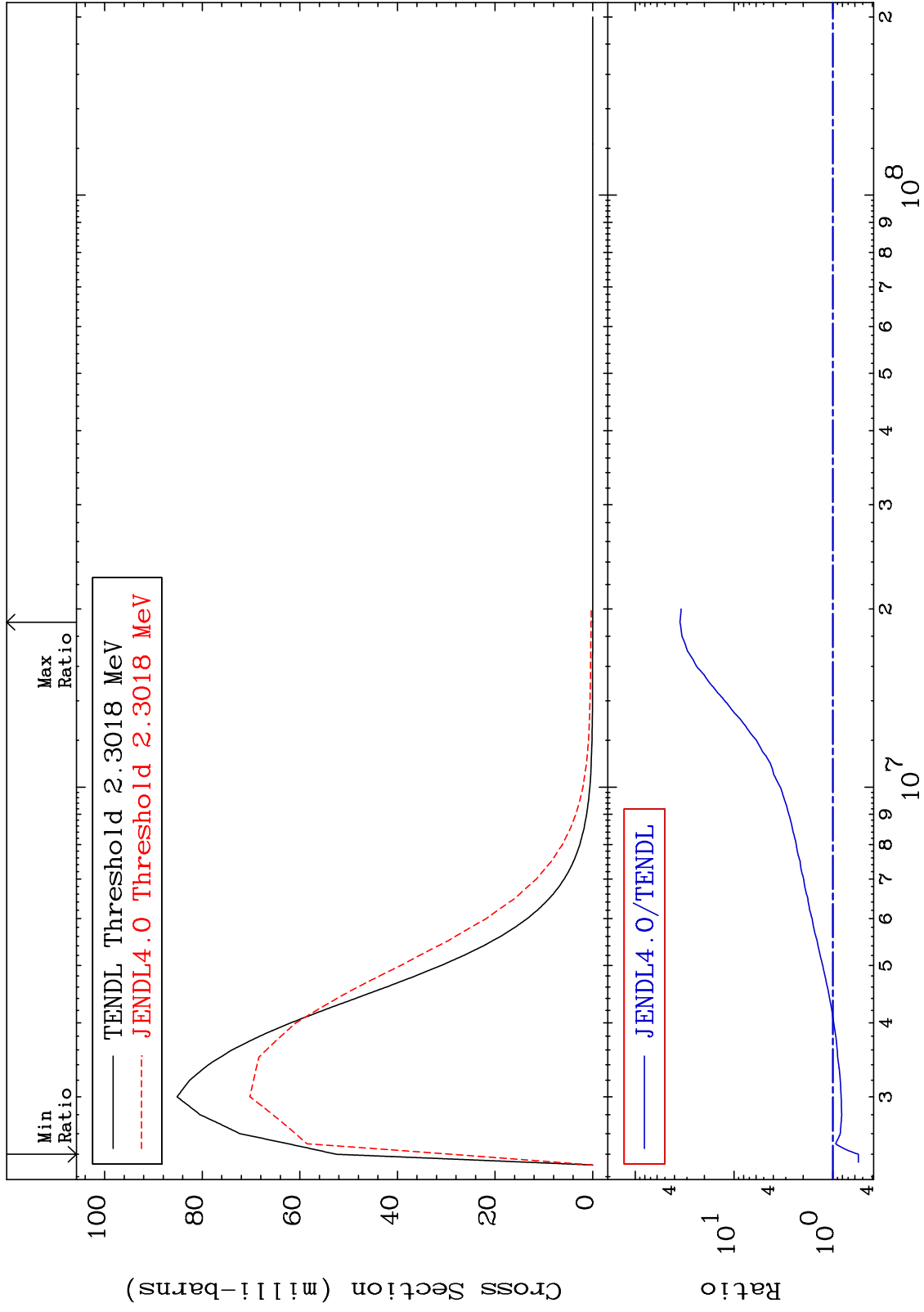
20-Ca-43
-75.03 To 9999. %



MAT 2034

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

20-Ca-43
-44.81 To 3420. %



20

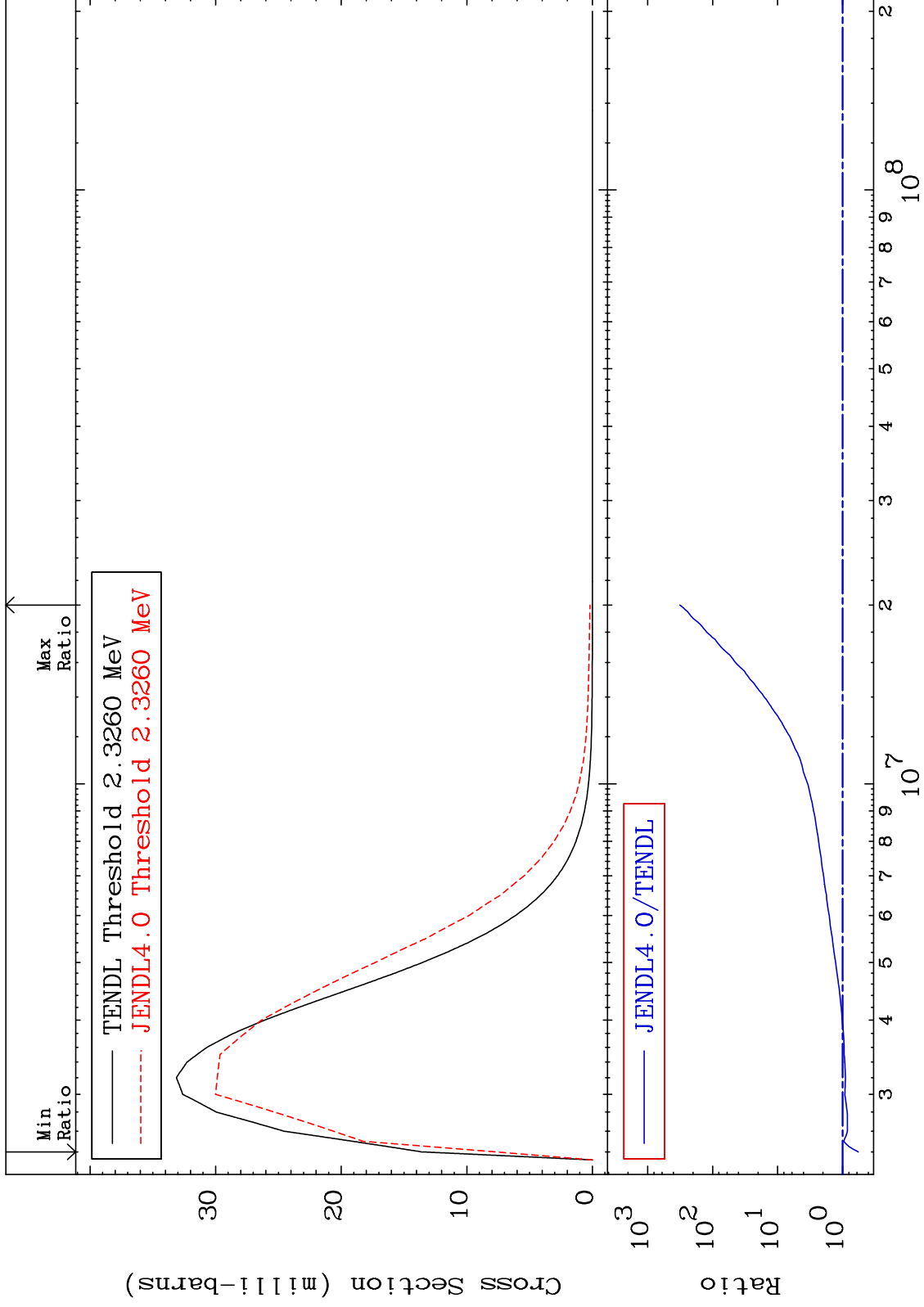
Incident Energy (eV)

20-Ca-43

MAT 2034

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

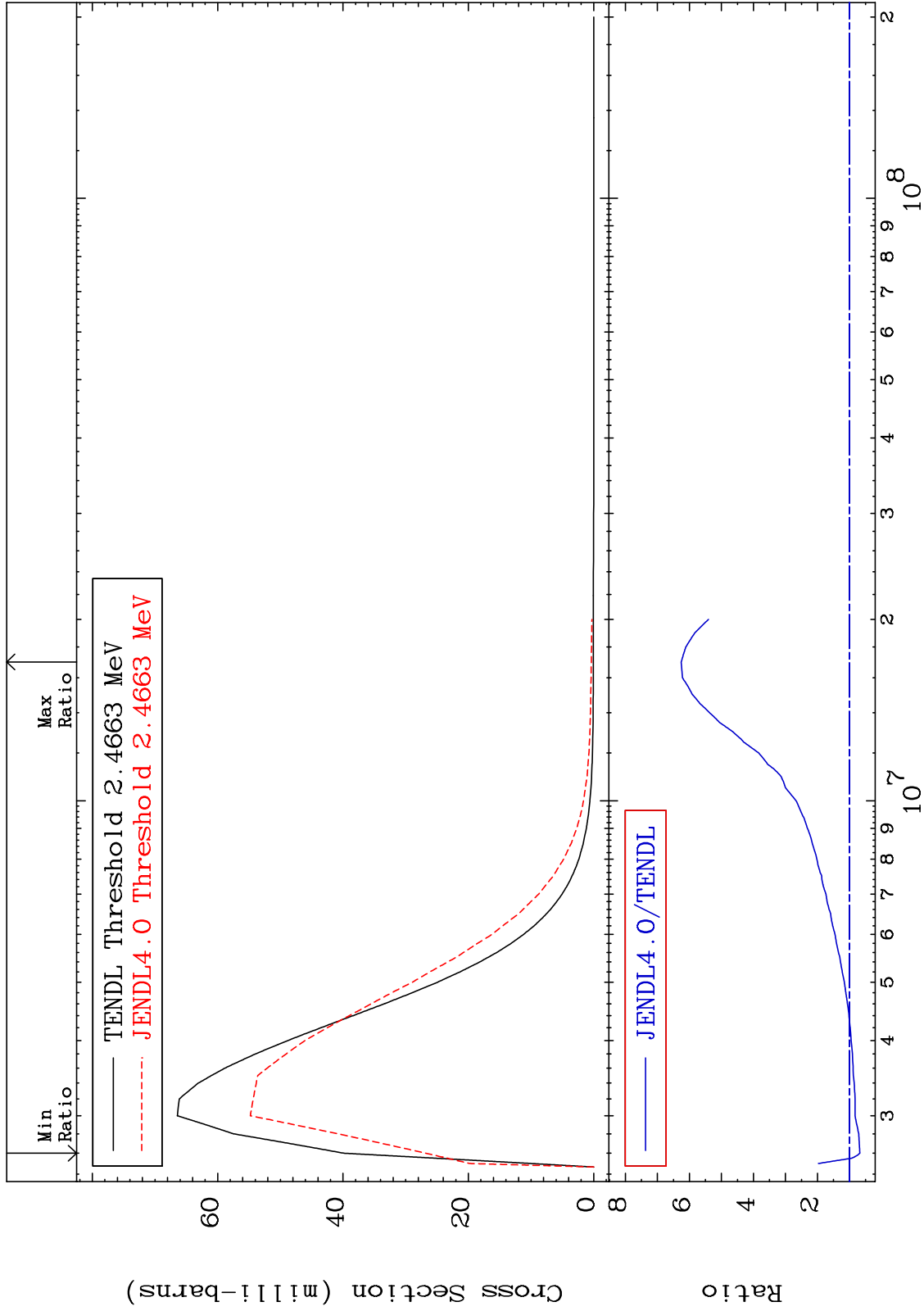
20-Ca-43
-42.94 To 9999. %



MAT 2034

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

20-Ca-43
-32.73 To 525.7 %



22

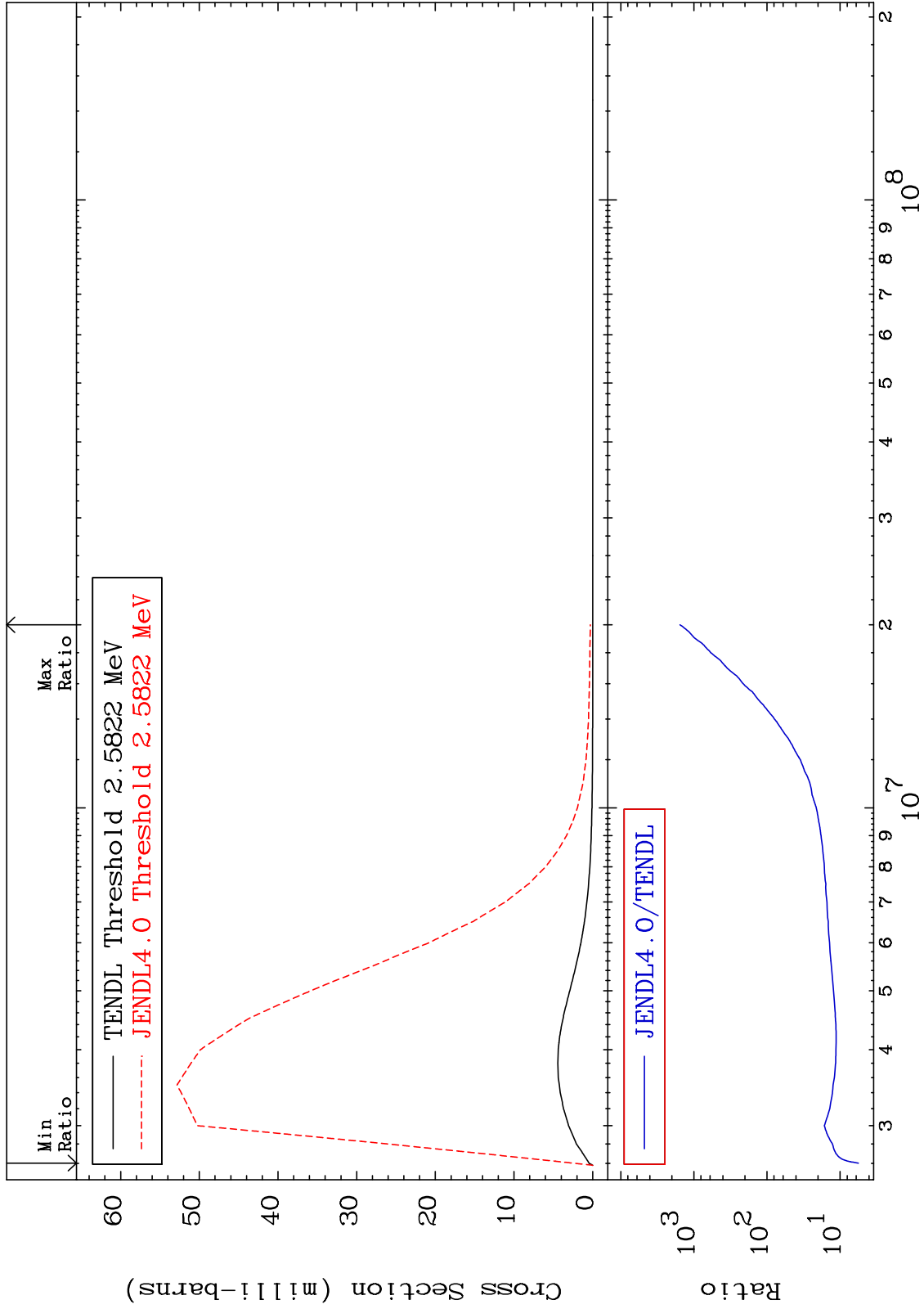
Incident Energy (eV)

20-Ca-43

MAT 2034

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

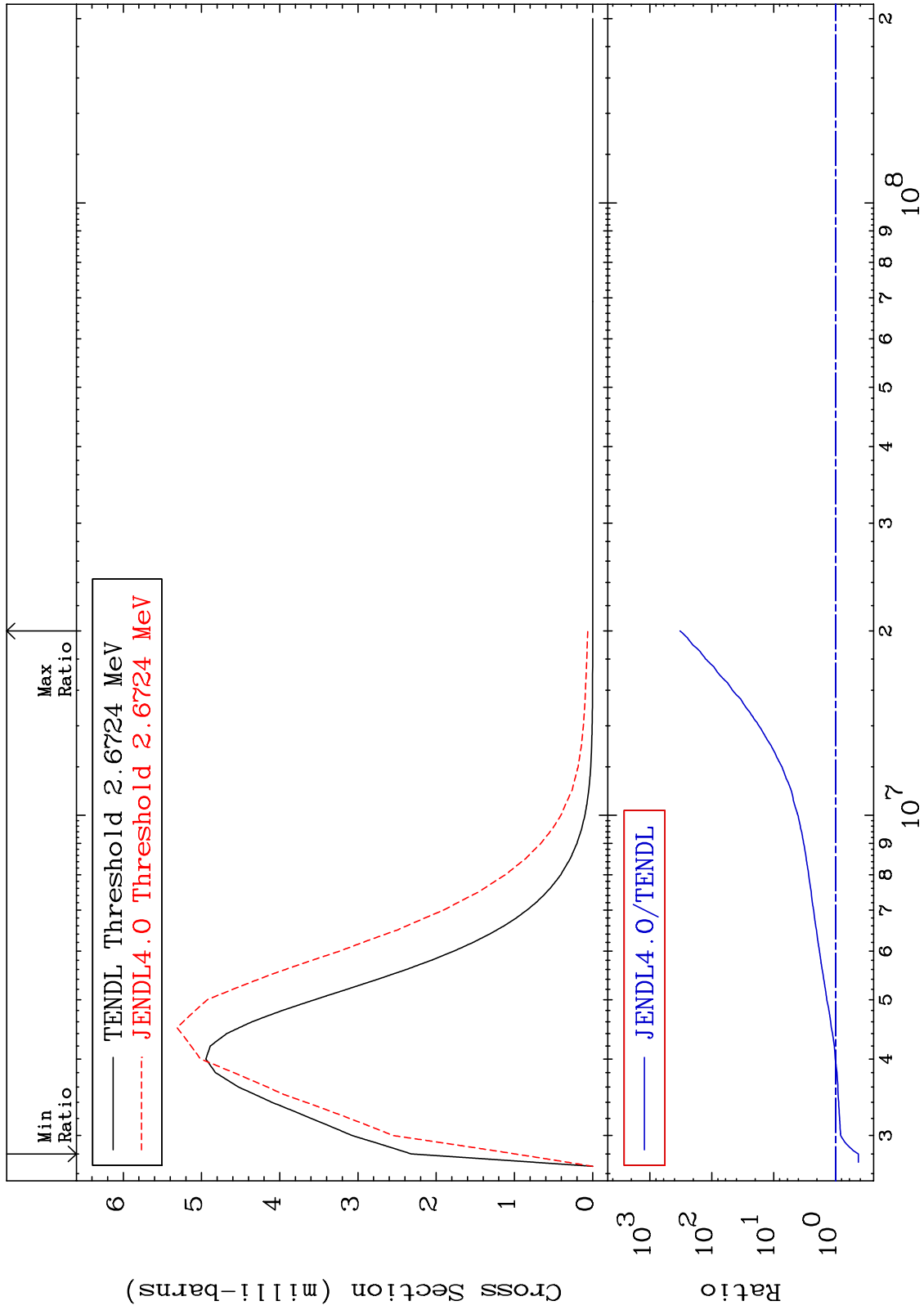
20-Ca-43
460.8 To 9999. %



MAT 2034

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

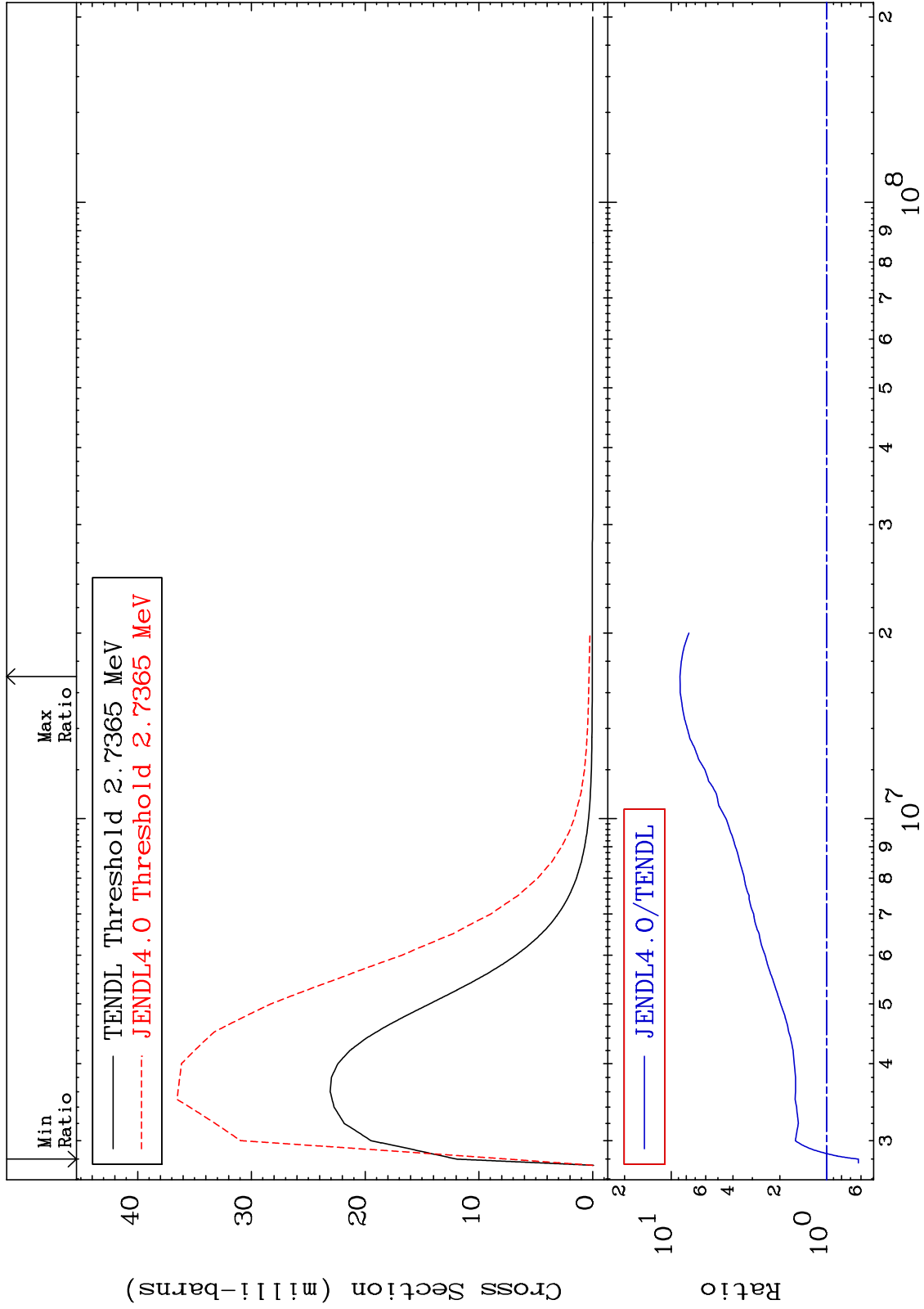
20-Ca-43
-57.16 To 9999. %



MAT 2034

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

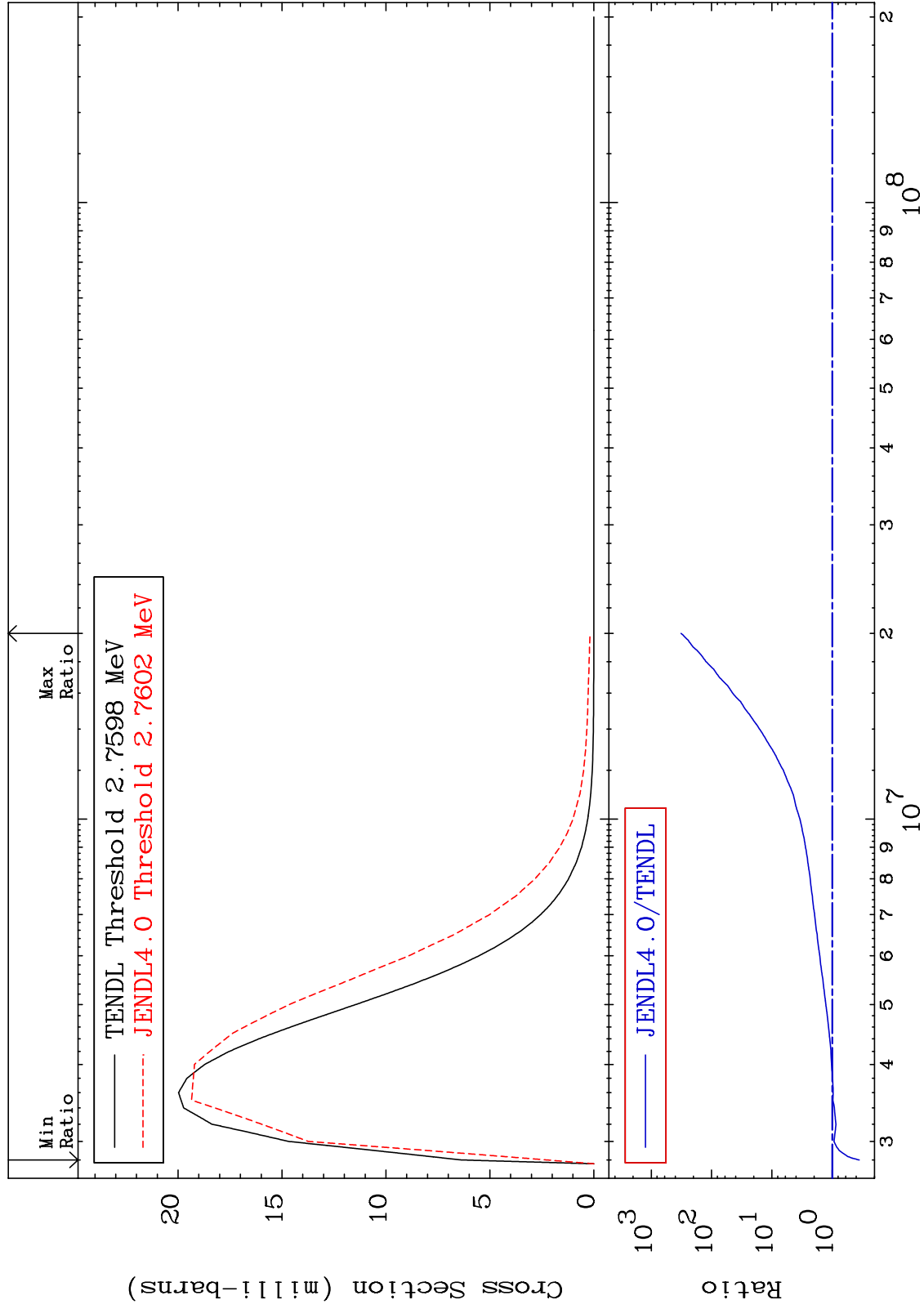
20-Ca-43
-37.71 To 777.6 %



MAT 2034

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

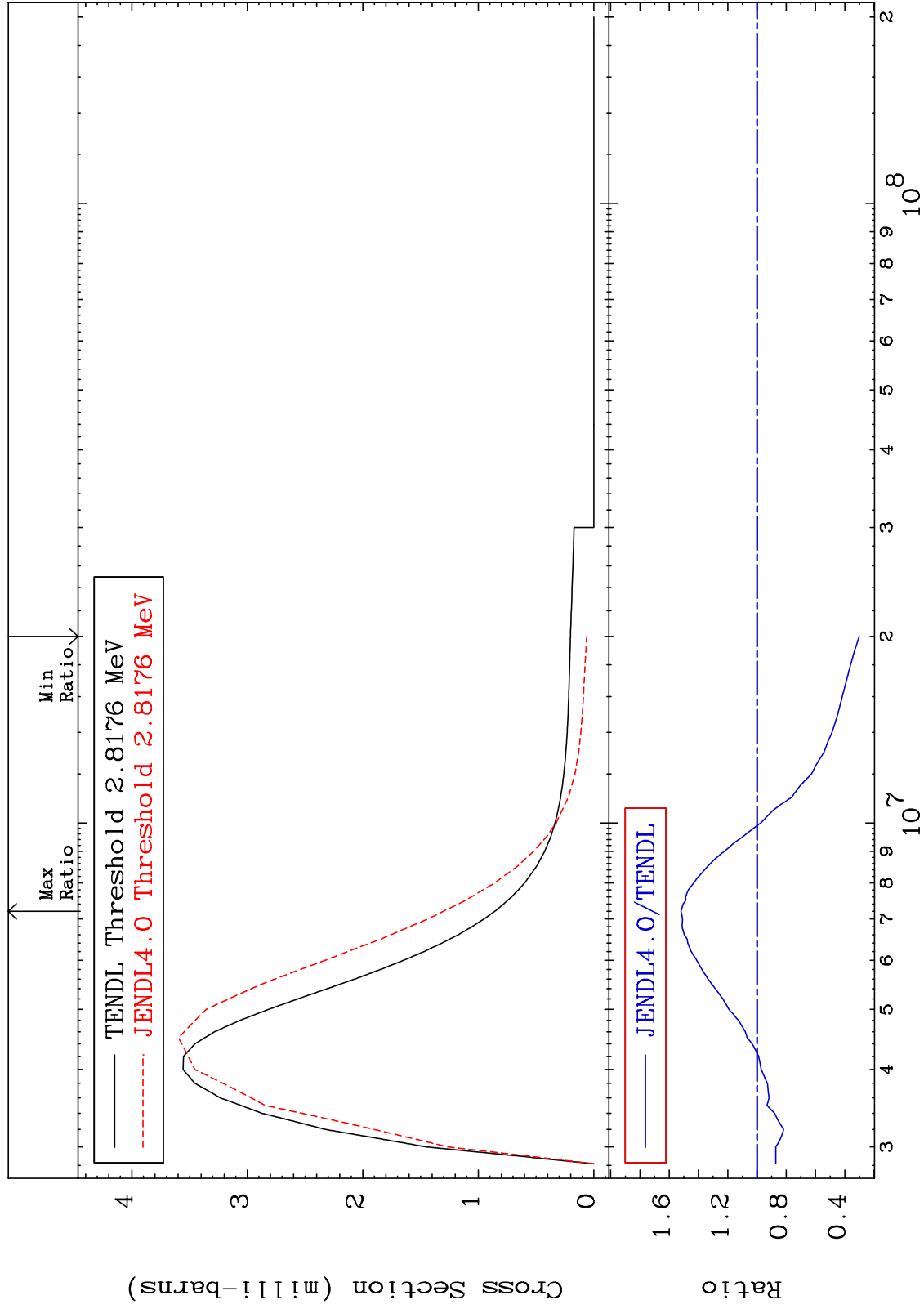
20-Ca-43
-64.32 To 9999. %



MAT 2034

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

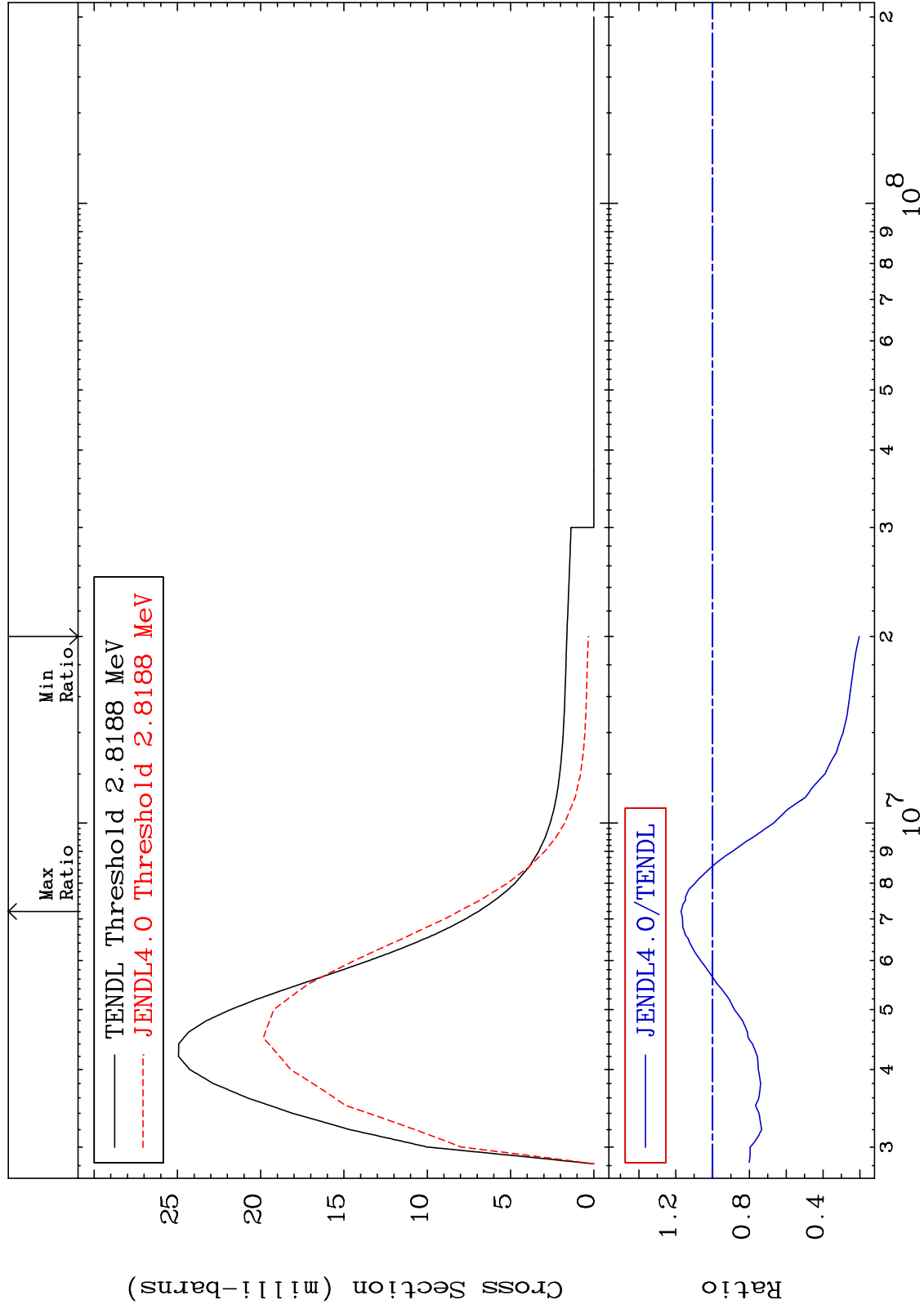
20-Ca-43
-69.90 To 51.91 %



MAT 2034

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

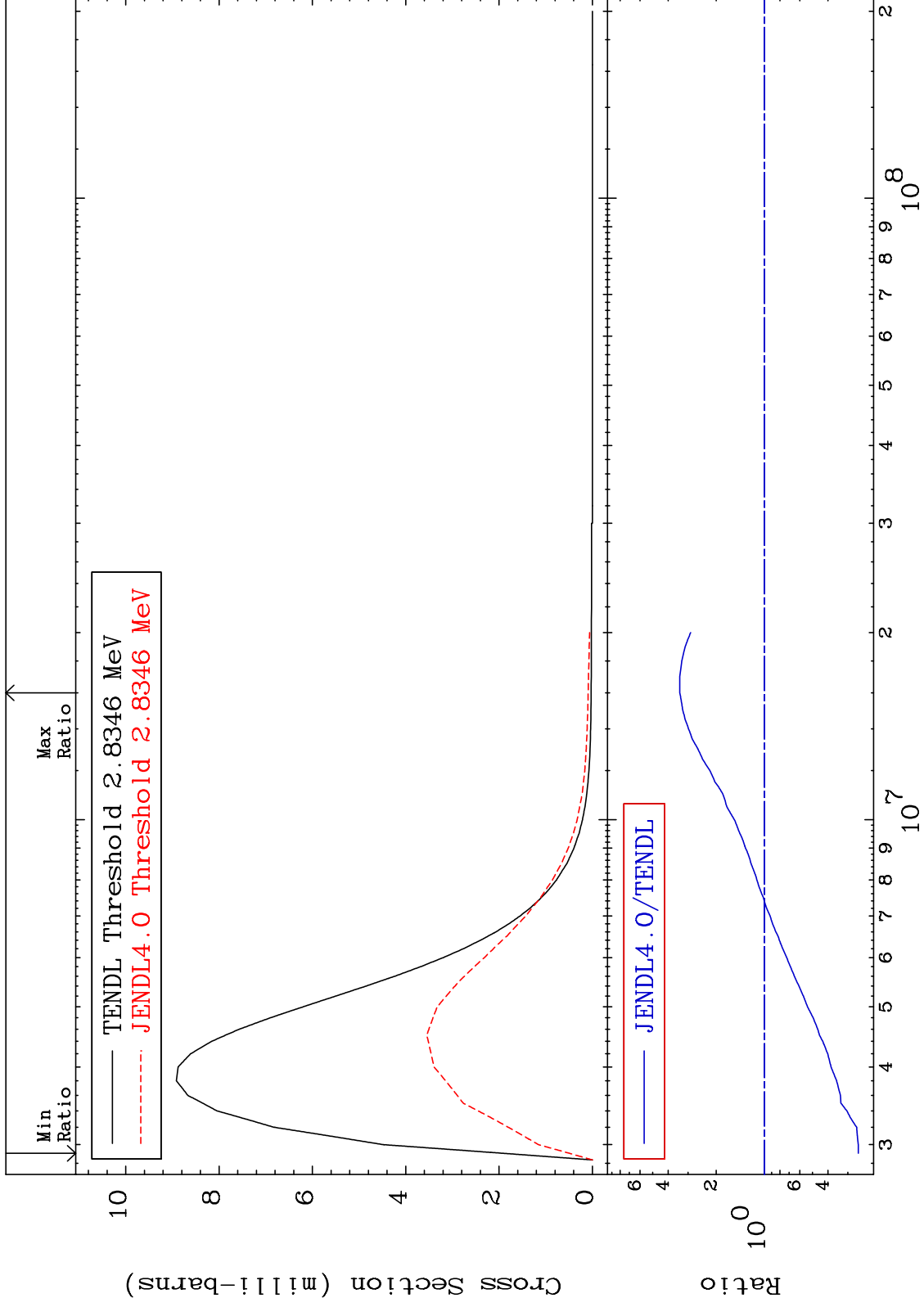
20-Ca-43
-79.72 To 17.09 %



MAT 2034

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

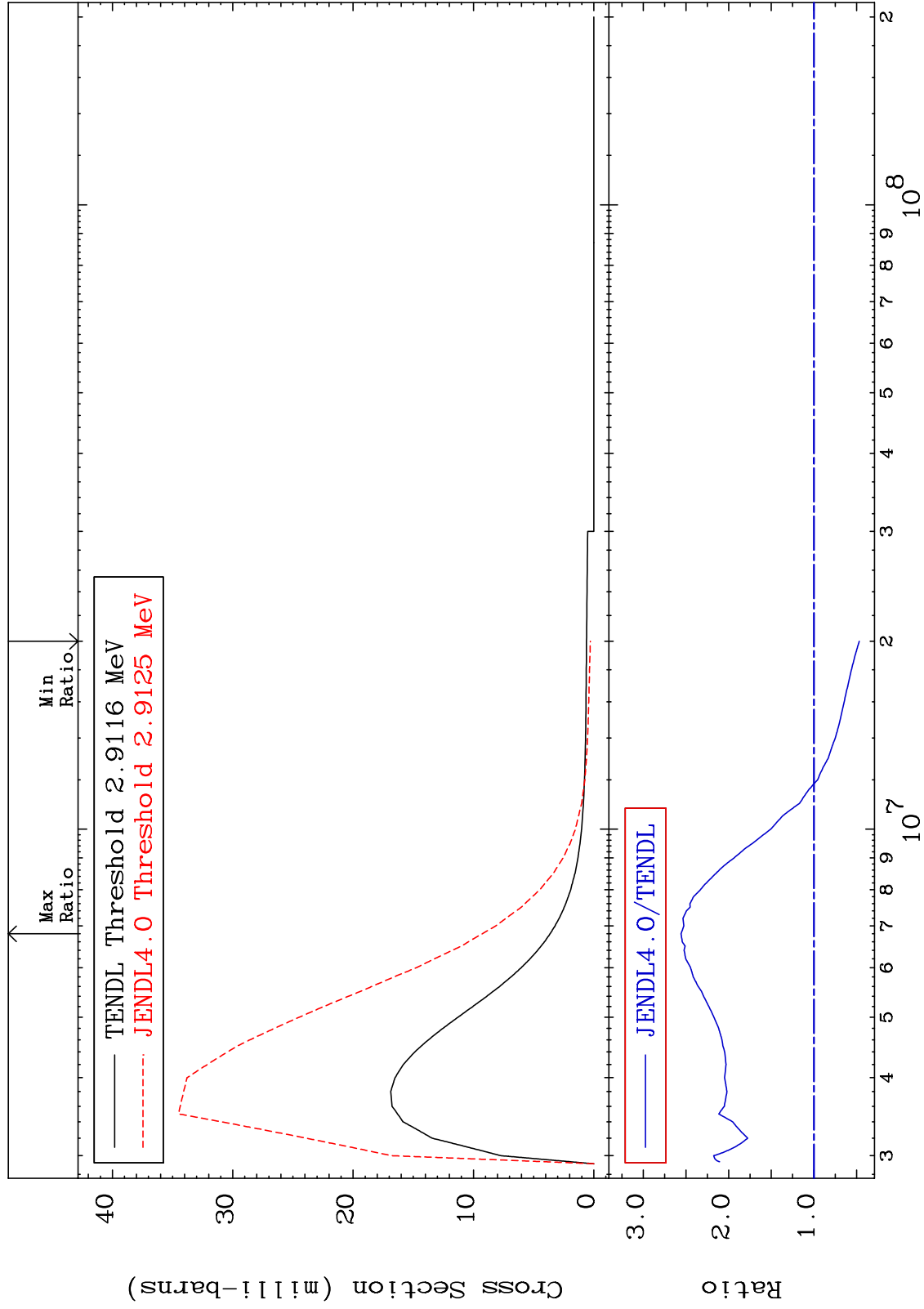
20-Ca-43
-74.21 To 238.3 %



MAT 2034

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

20-Ca-43
-53.00 To 155.7 %

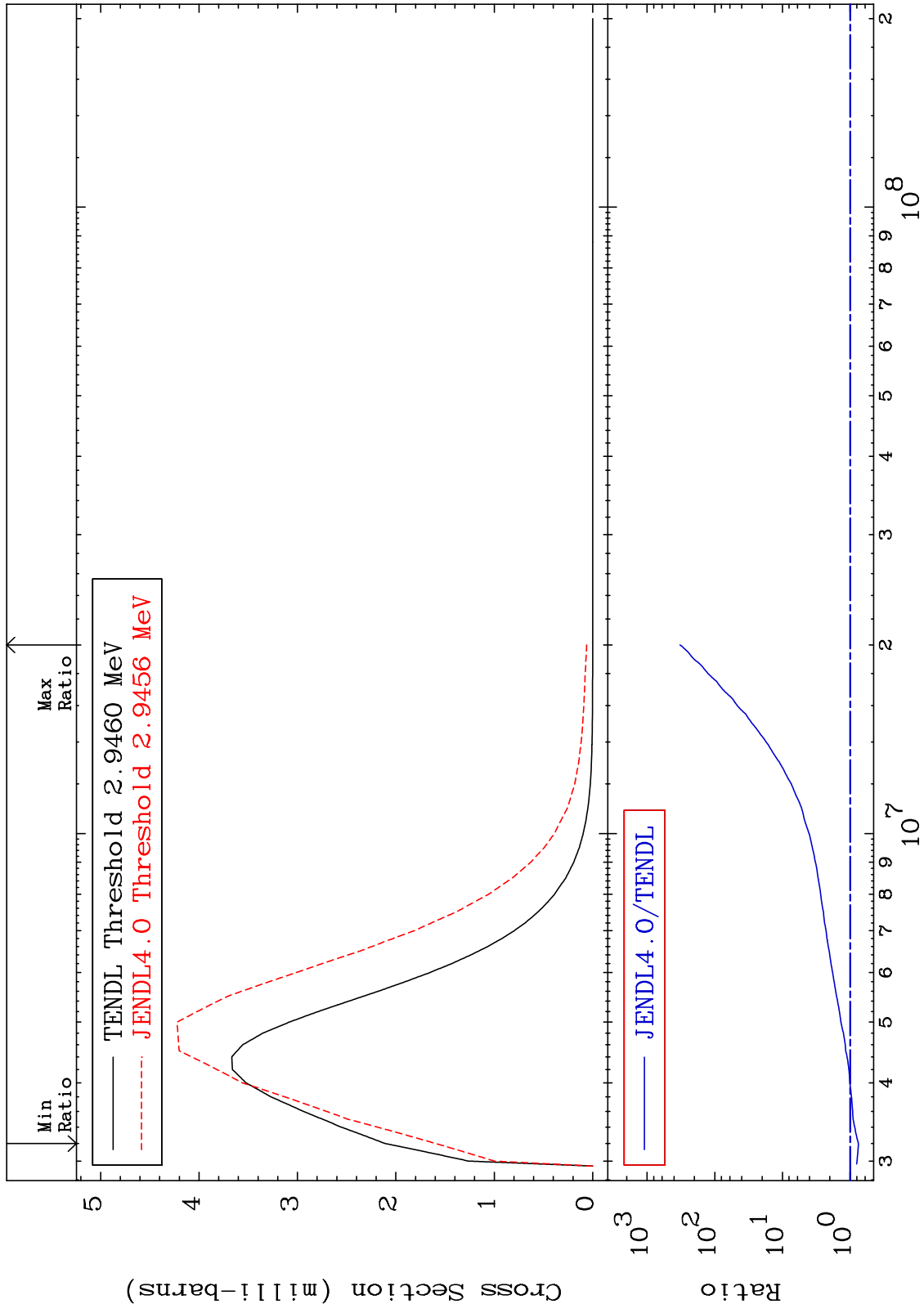


30

Incident Energy (eV)

20-Ca-43

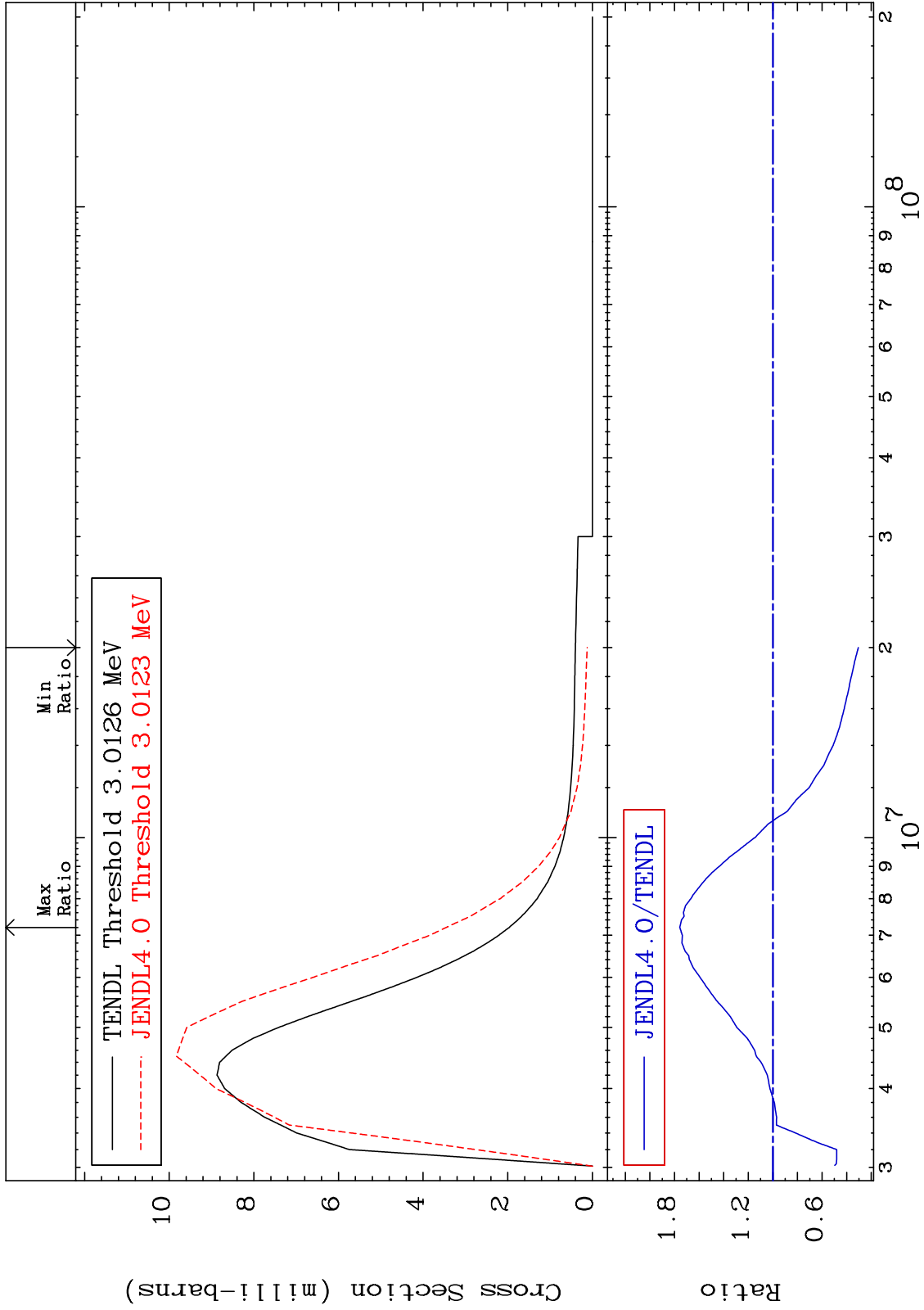
MAT 2034 MT= 75 (n,n') Level Cross Section -24.41 To 9999. % 20-Ca-43



MAT 2034

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

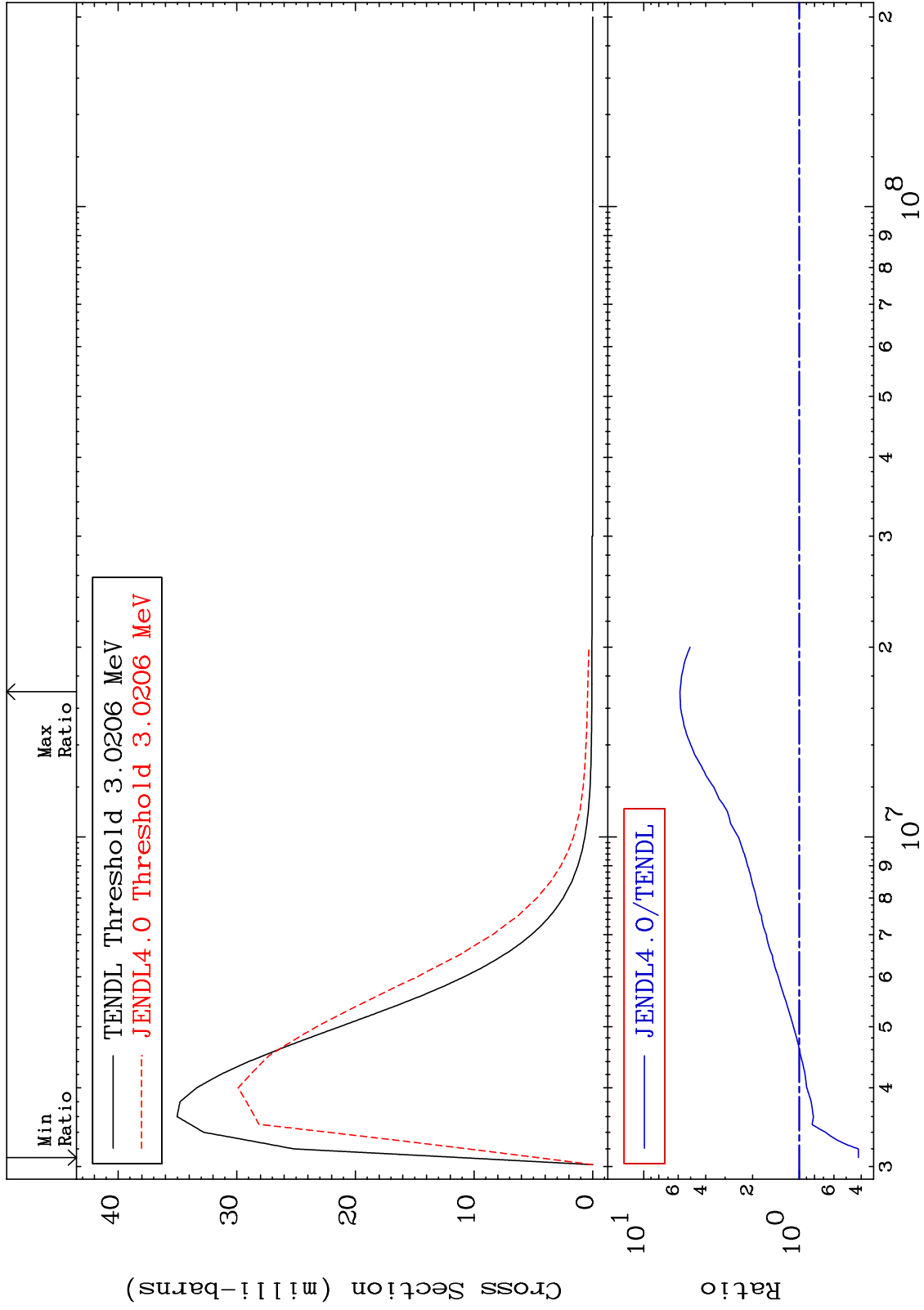
20-Ca-43
-69.53 To 75.69 %



MAT 2034

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

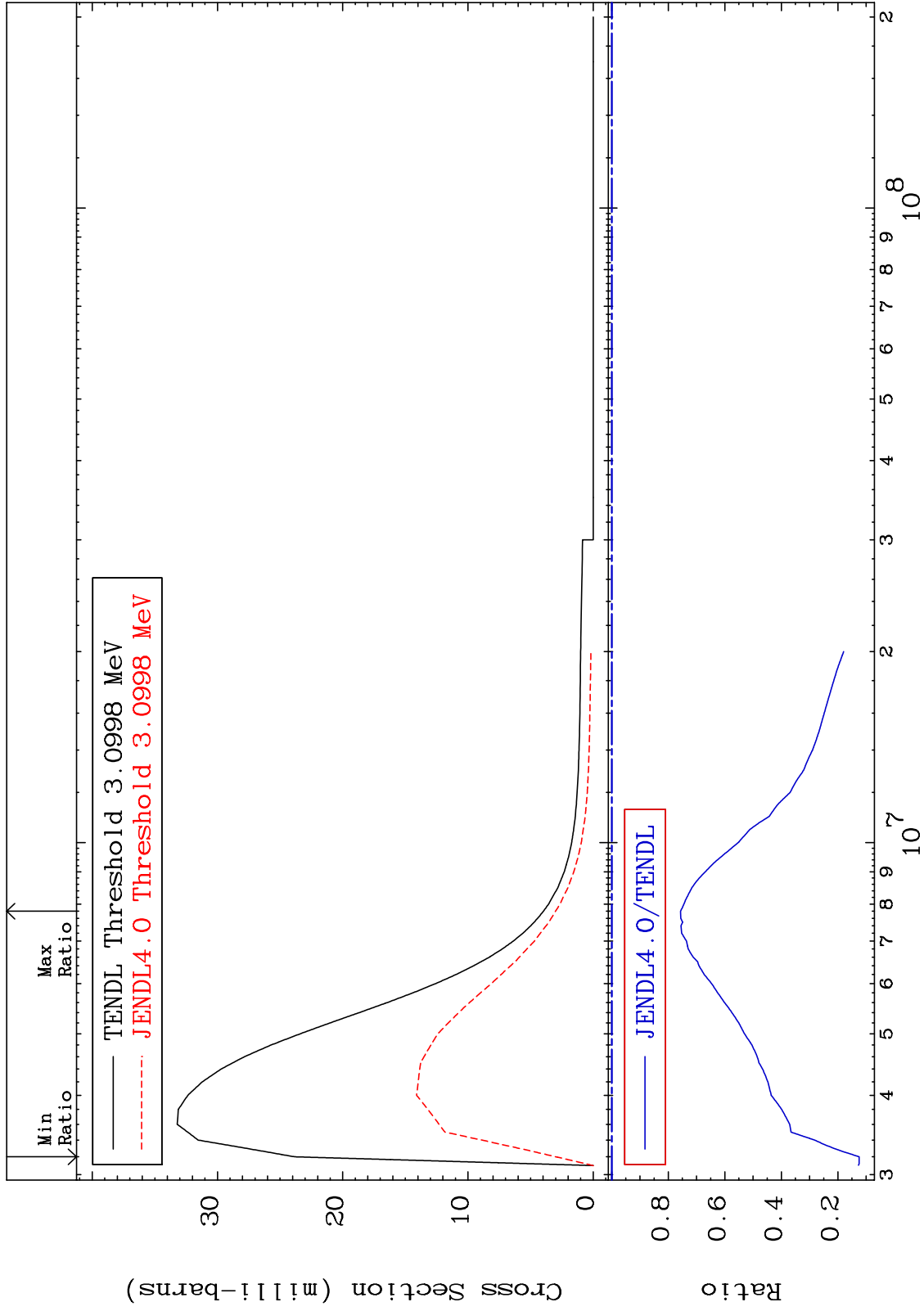
20-Ca-43
-58.27 To 484.9 %



MAT 2034

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

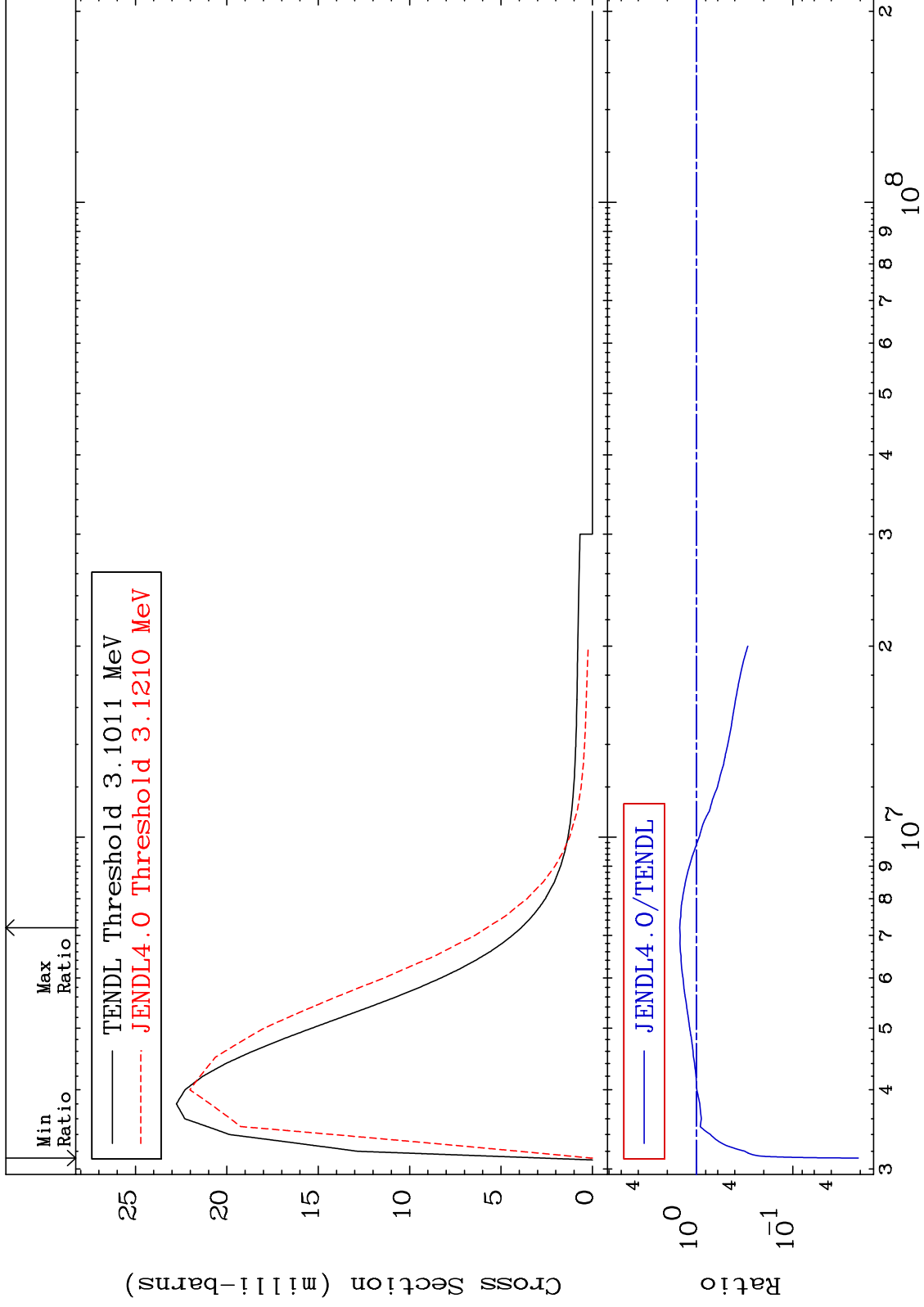
20-Ca-43
-87.55 To -24.38%



MAT 2034

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

20-Ca-43
-97.91 To 48.17 %



35

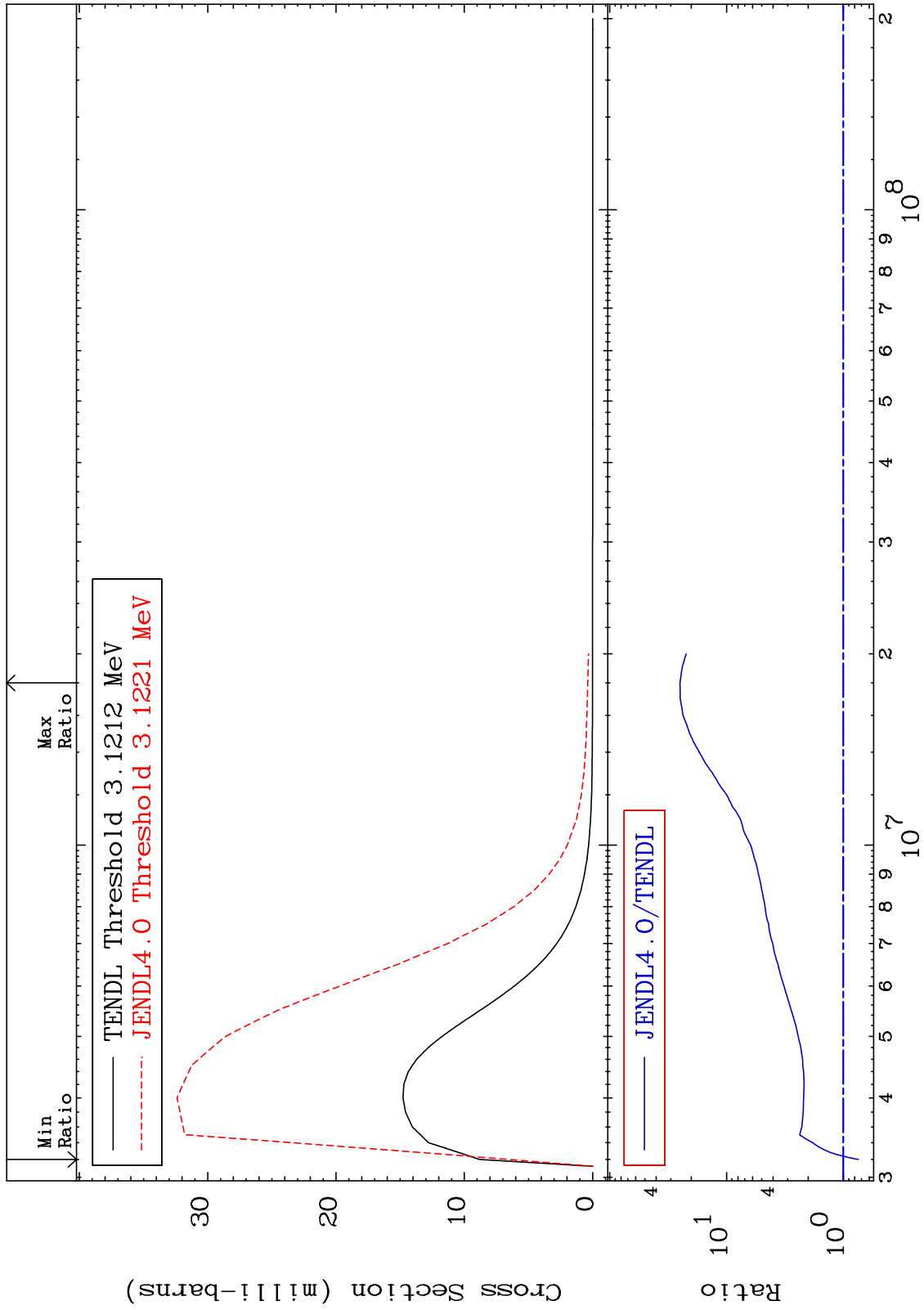
Incident Energy (eV)

20-Ca-43

MAT 2034

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

20-Ca-43
-25.66 To 2403. %



36

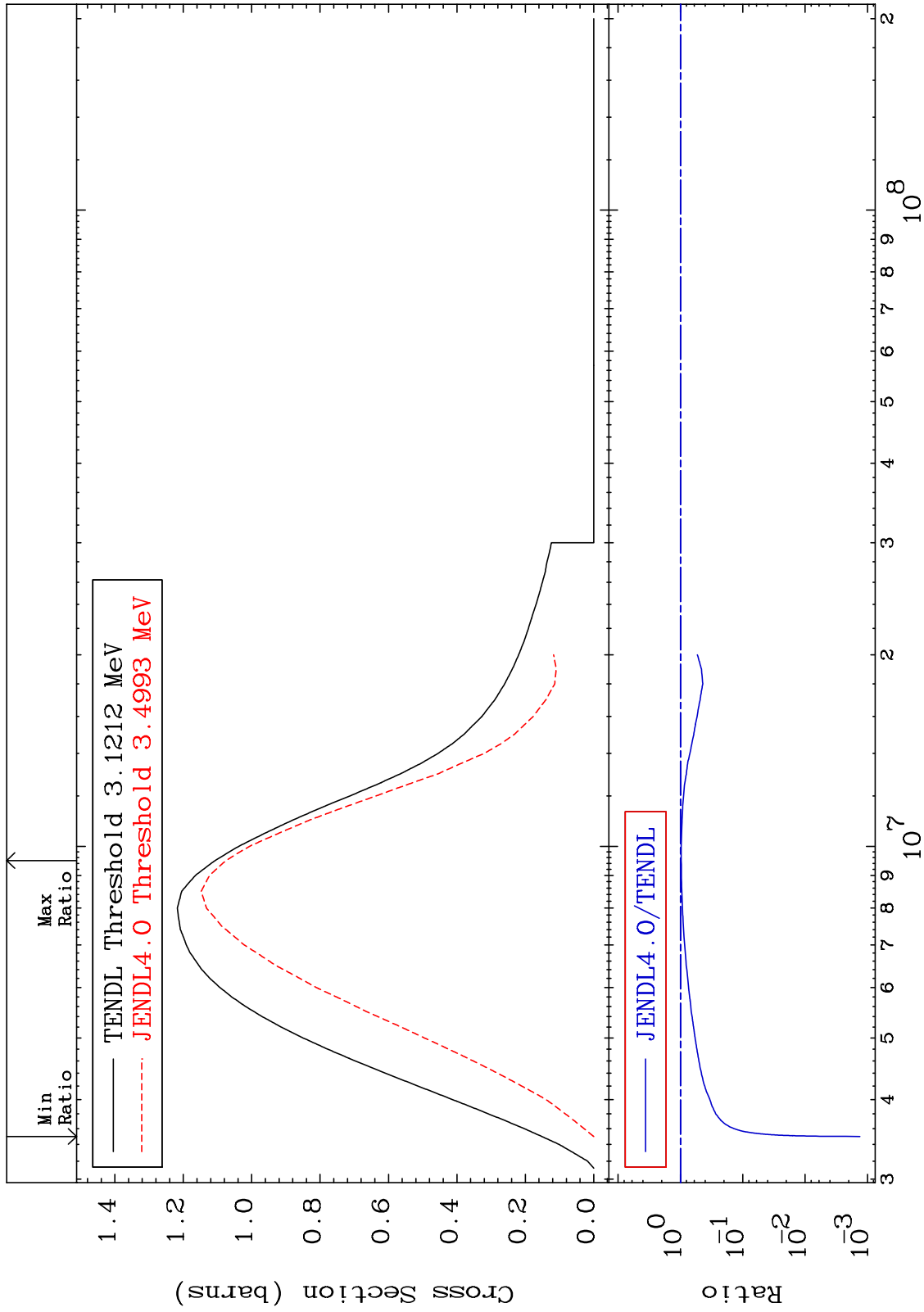
Incident Energy (eV)

20-Ca-43

MAT 2034

(n,n') Continuum
Cross Section

20-Ca-43
-99.87 To -2.875%



Incident Energy (eV)

20-Ca-43

37

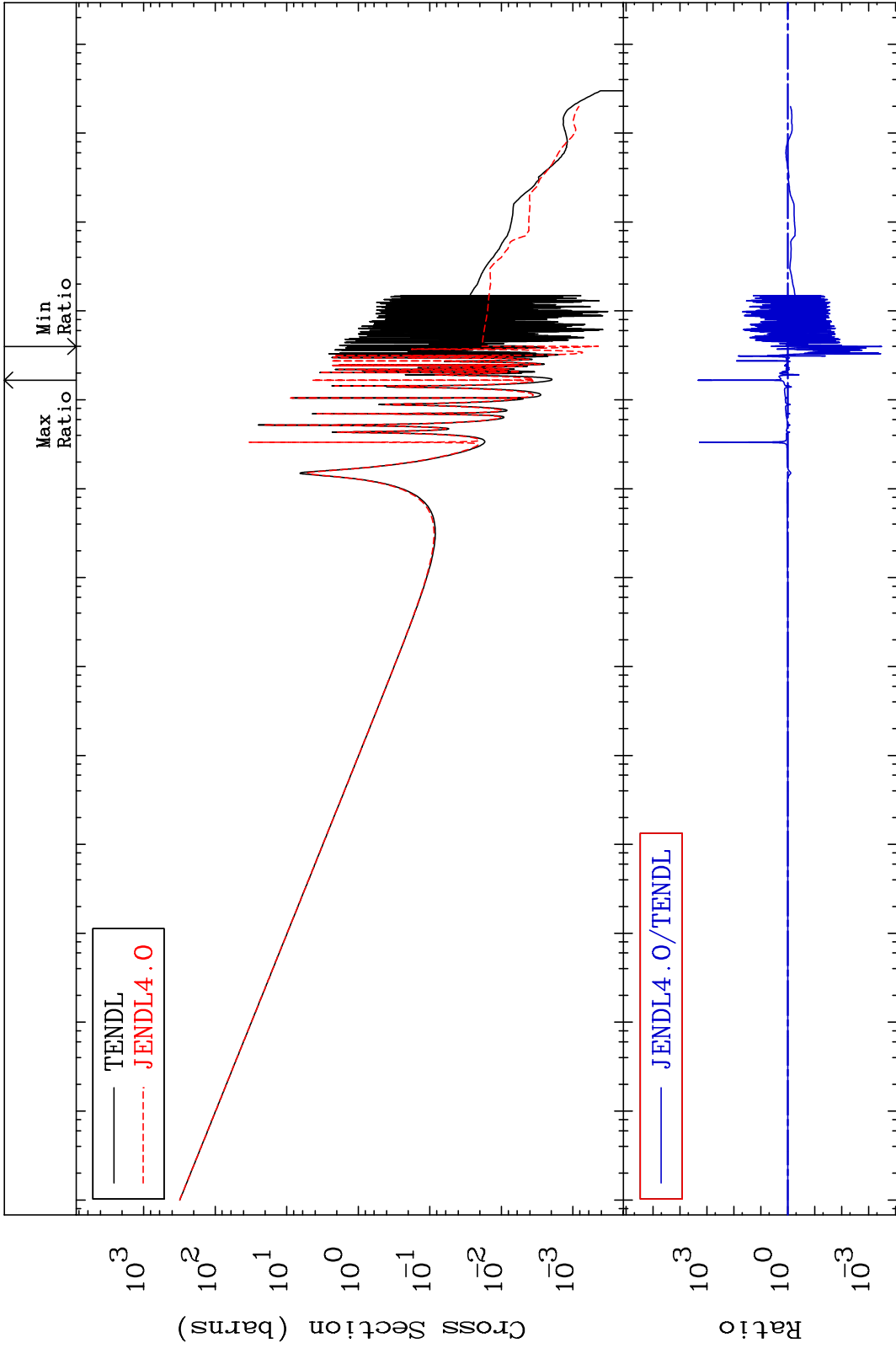
MAT 2034

(n, γ)

20-Ca-43

Cross Section

-99.97 To 9999. %



Incident Energy (eV)

38

20-Ca-43

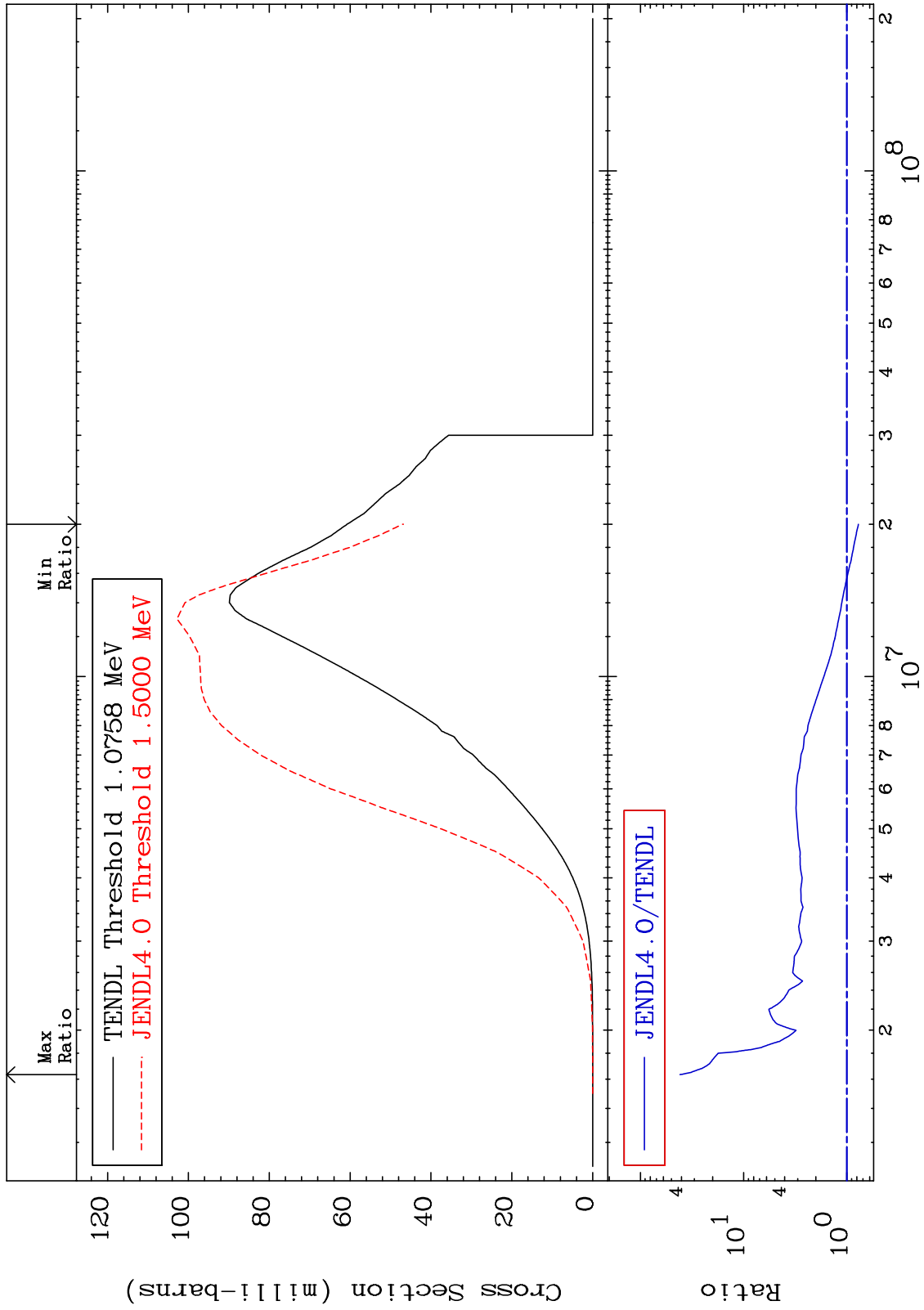
MAT 2034

(n, p)

20-Ca-43

-22.63 To 4032. %

Cross Section



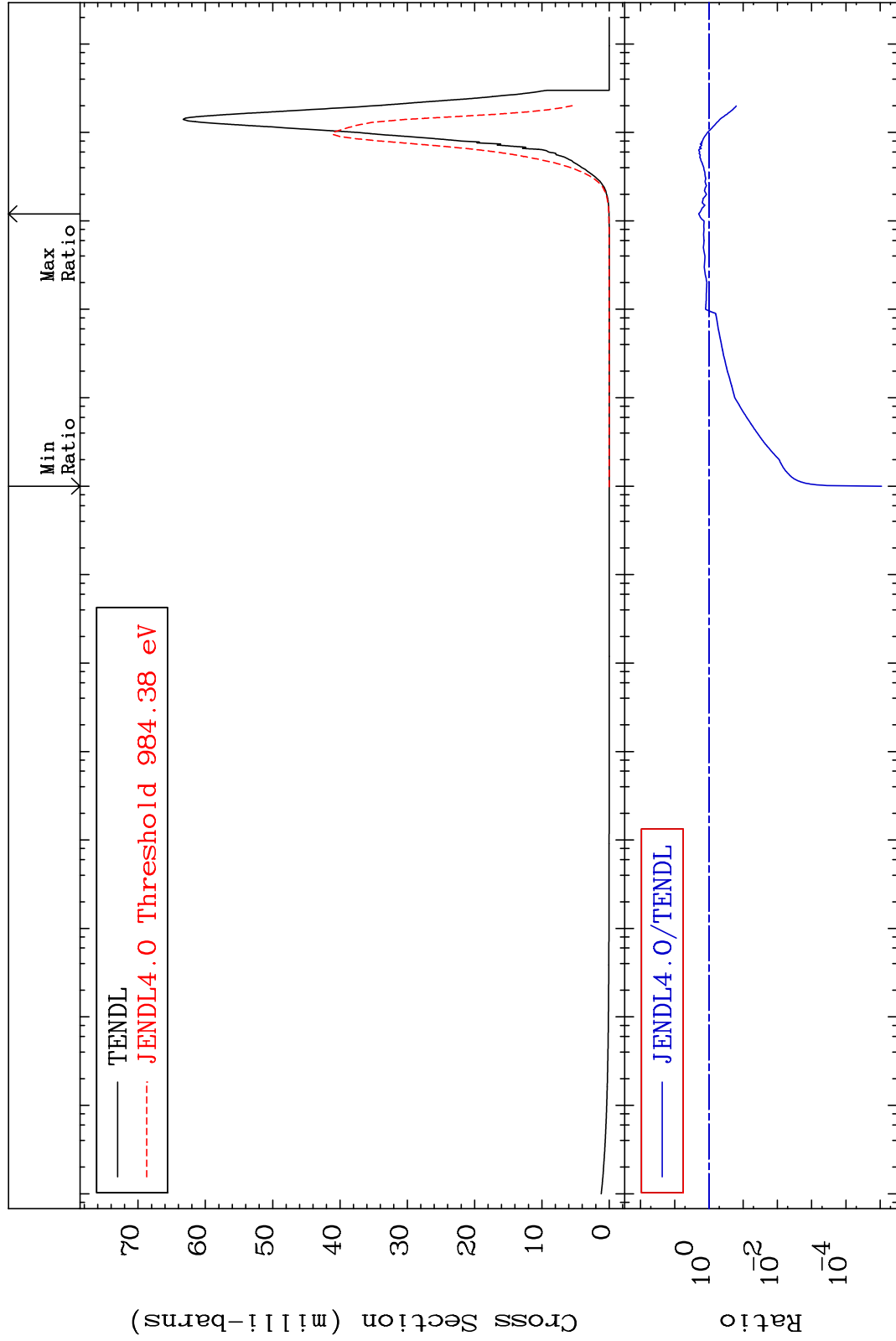
MAT 2034

(n, α)

20-Ca-43

Cross Section

-100.0 To 98.58 %



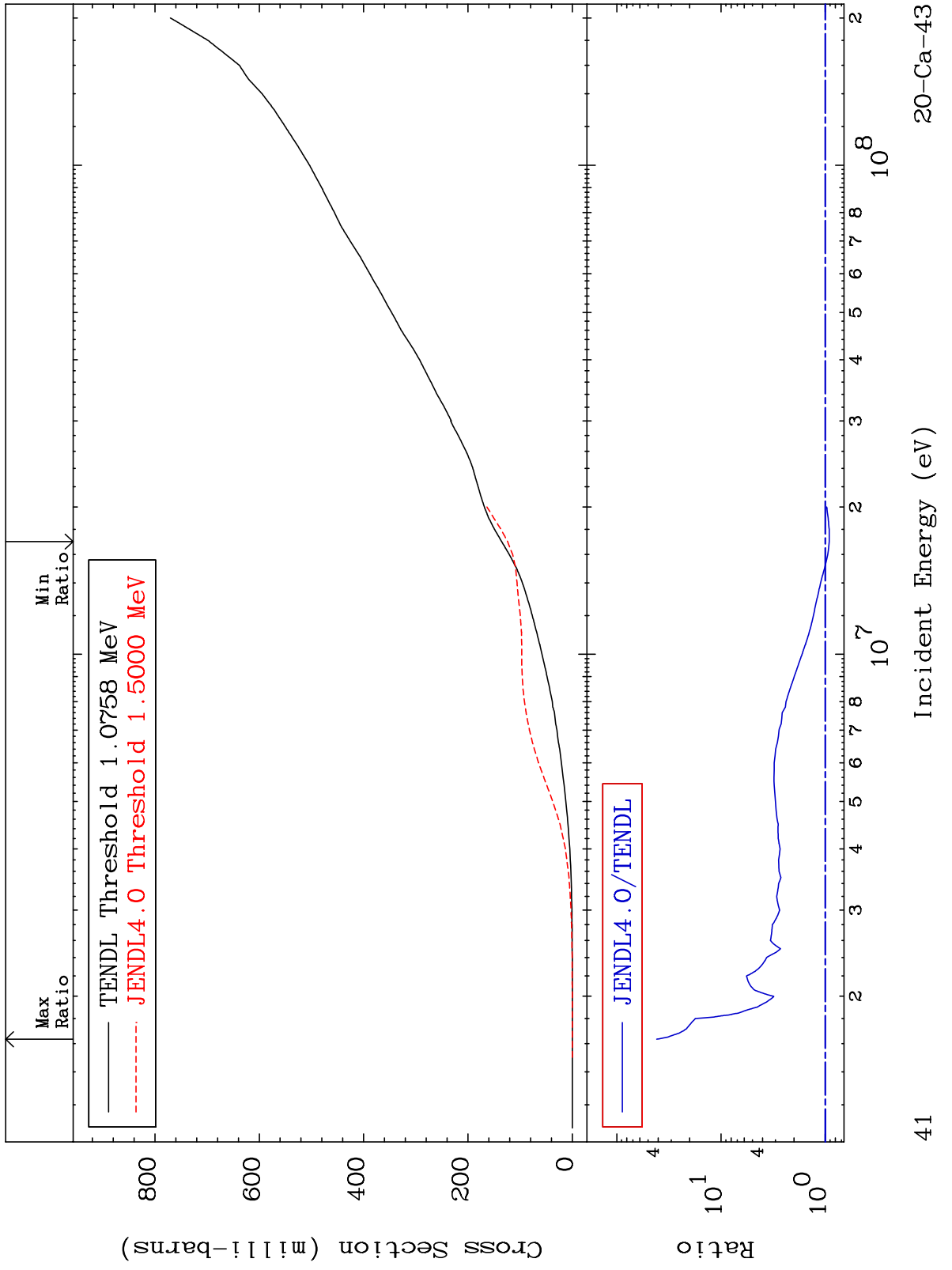
Incident Energy (eV)

20-Ca-43

MAT 2034

Hydrogen Production
Cross Section

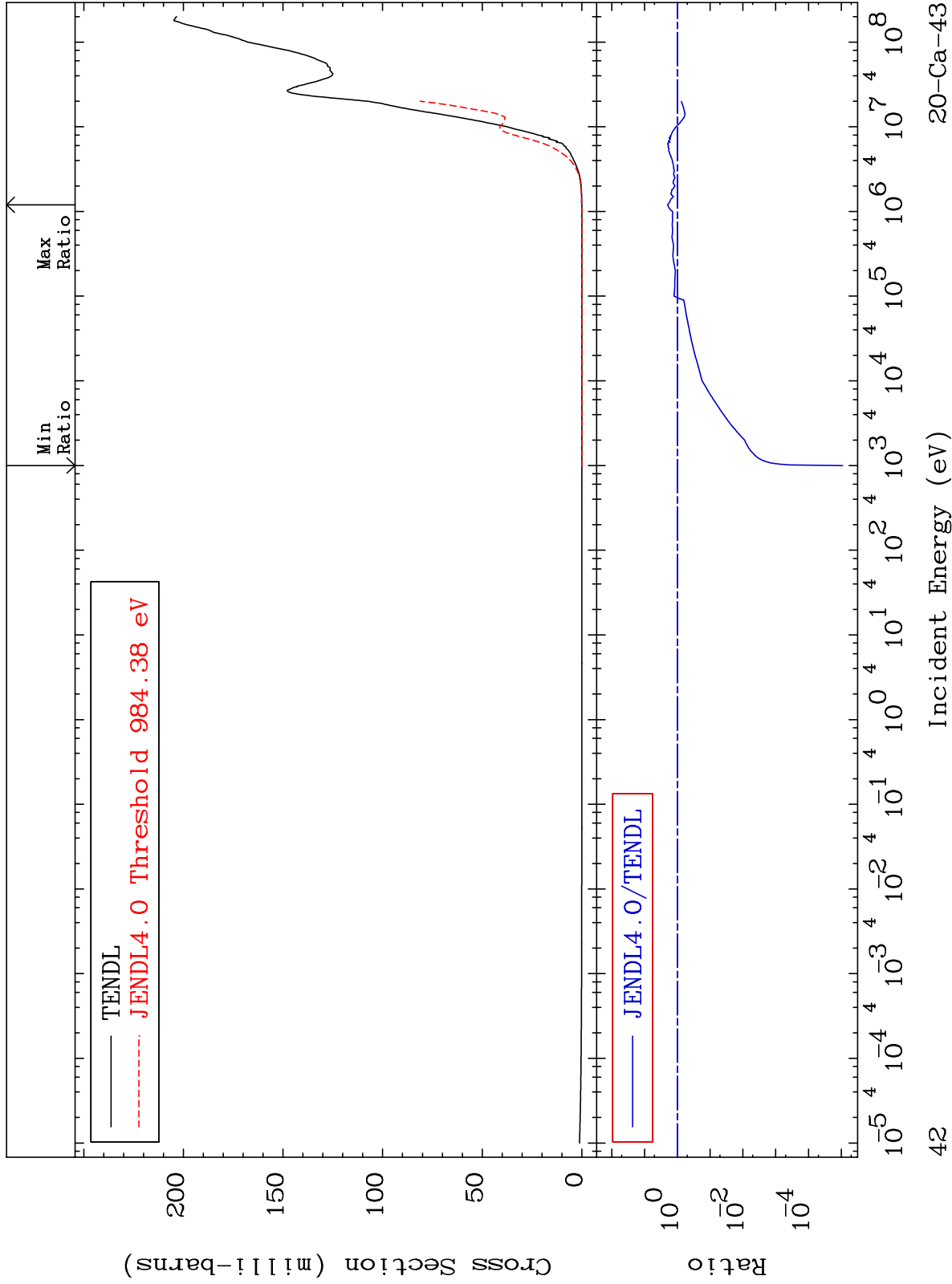
20-Ca-43
-8.400 To 4032. %



MAT 2034

He-4 Production
Cross Section

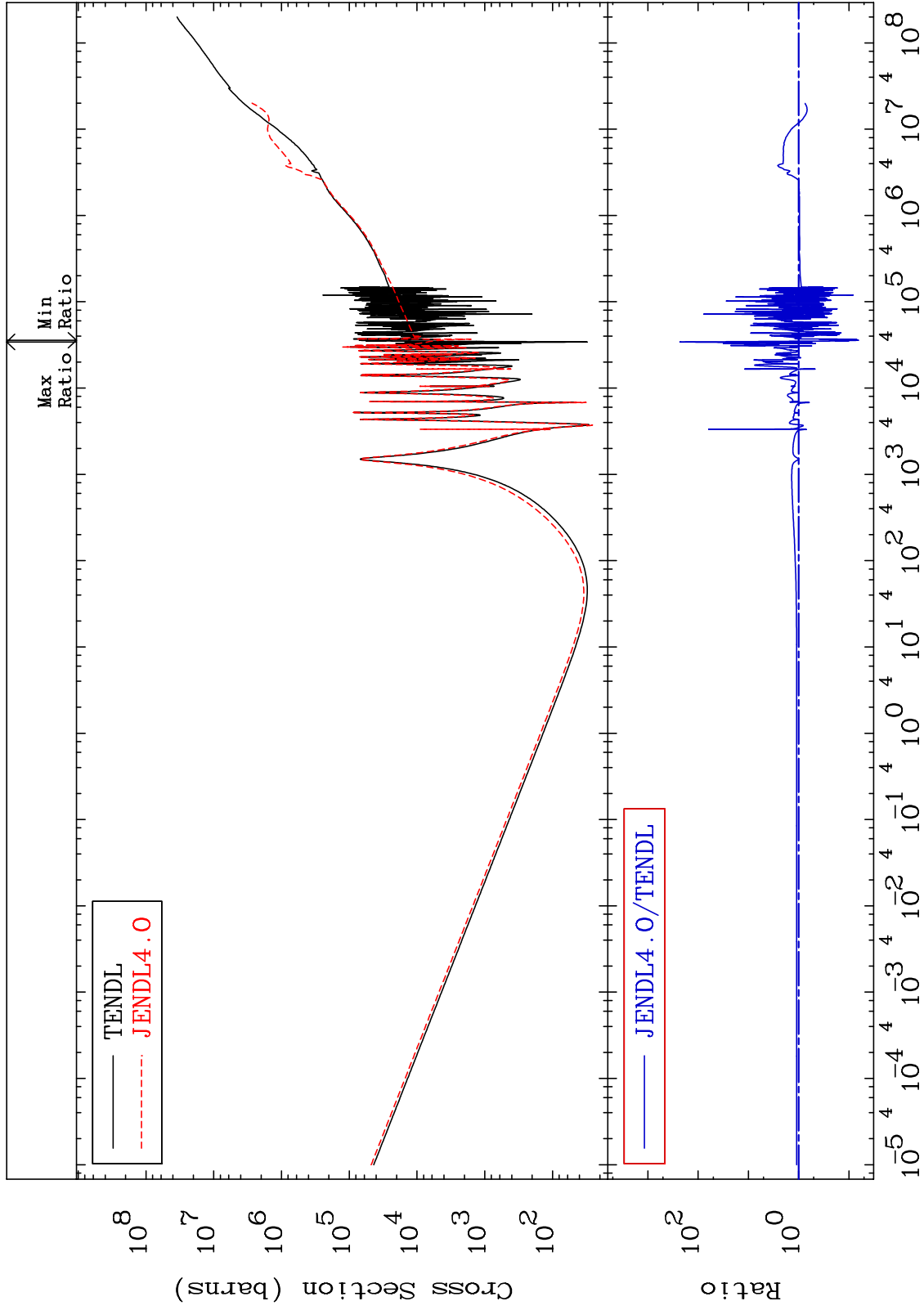
20-Ca-43
-100.0 To 98.58 %



MAT 2034

Kerma total (eV-barns)
Cross Section

20-Ca-43
-93.54 To 9999. %



43

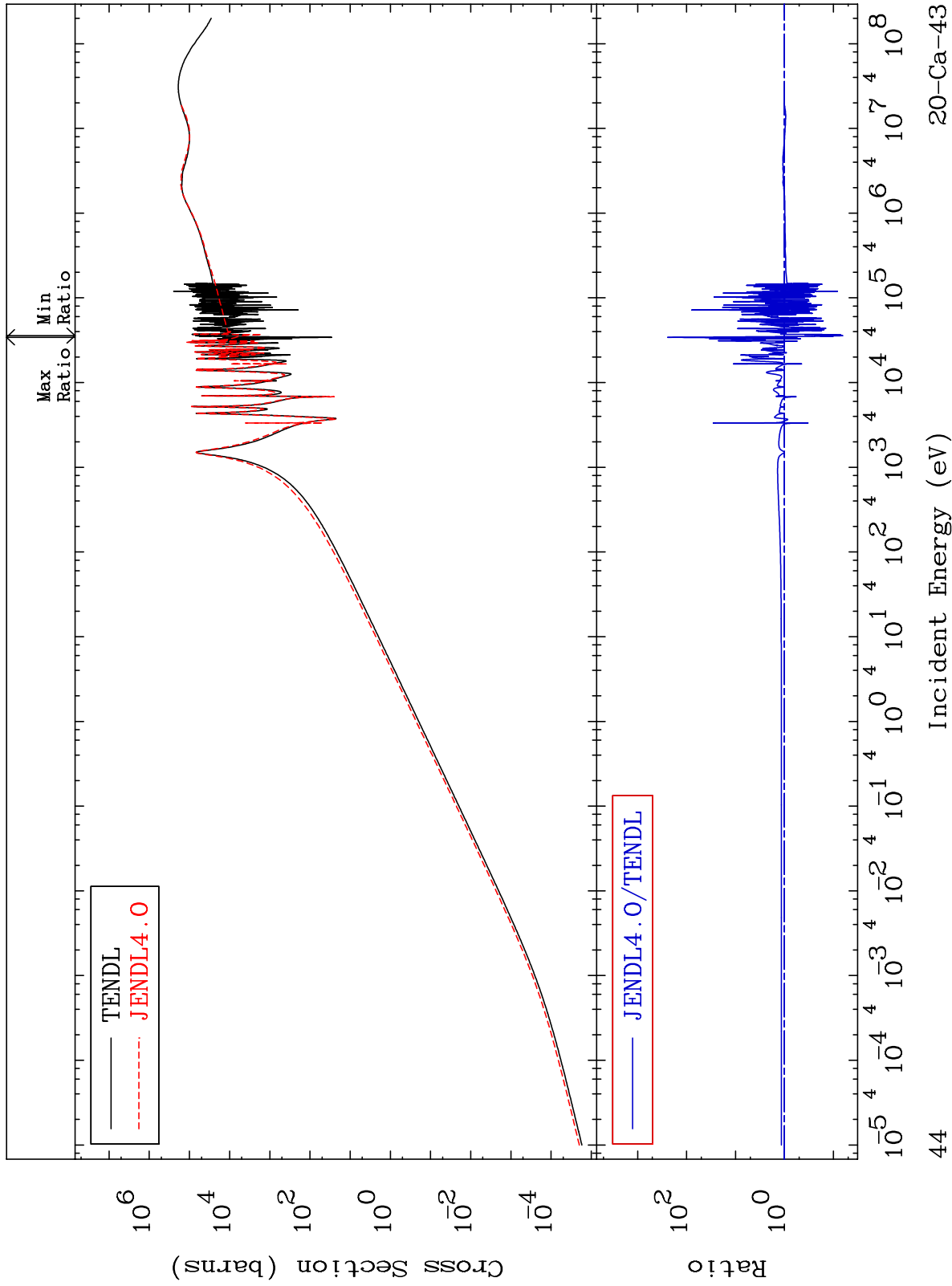
Incident Energy (eV)

20-Ca-43

MAT 2034

Kerma elastic
Cross Section

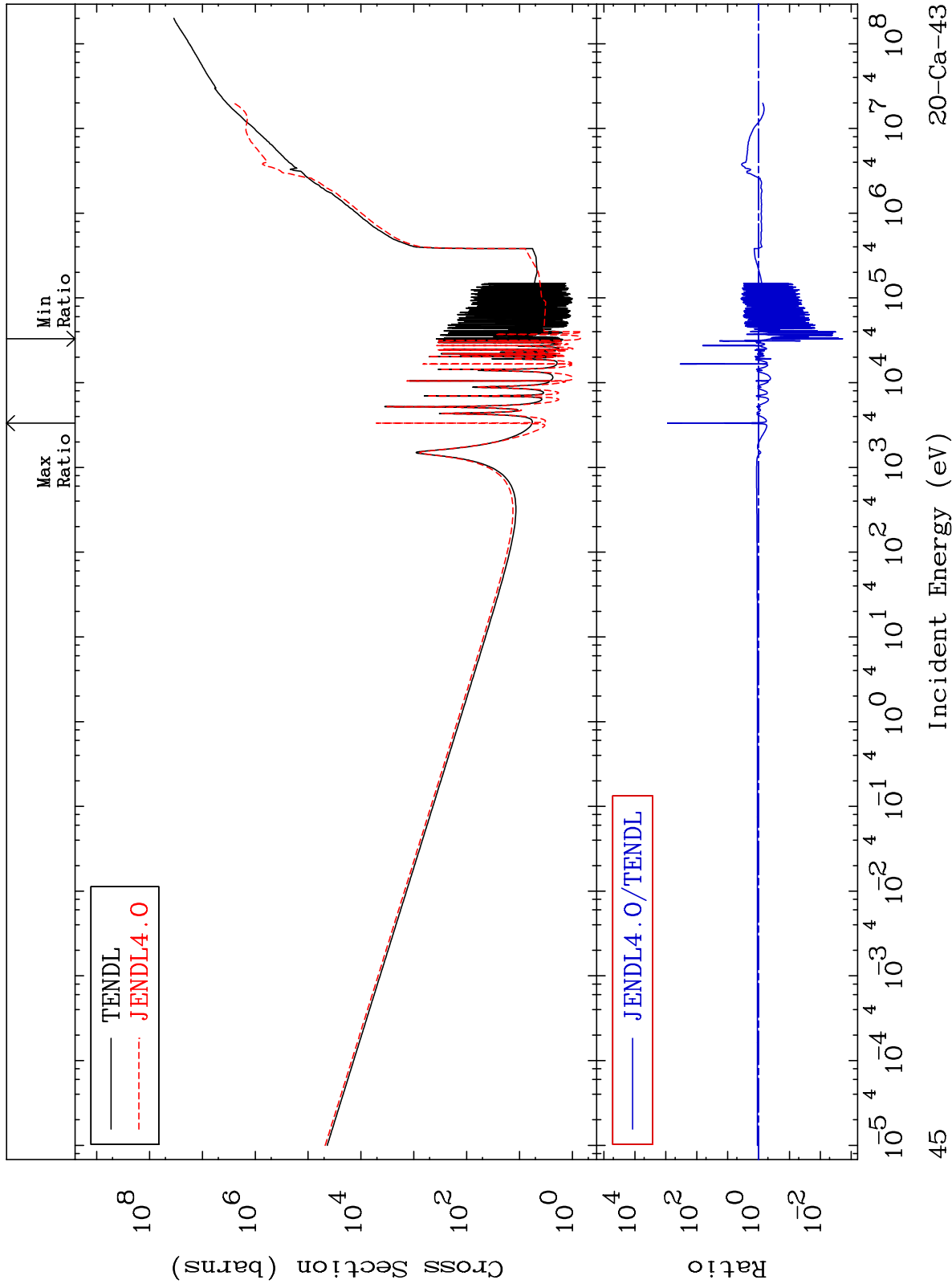
20-Ca-43
-93.54 To 9999. %



MAT 2034

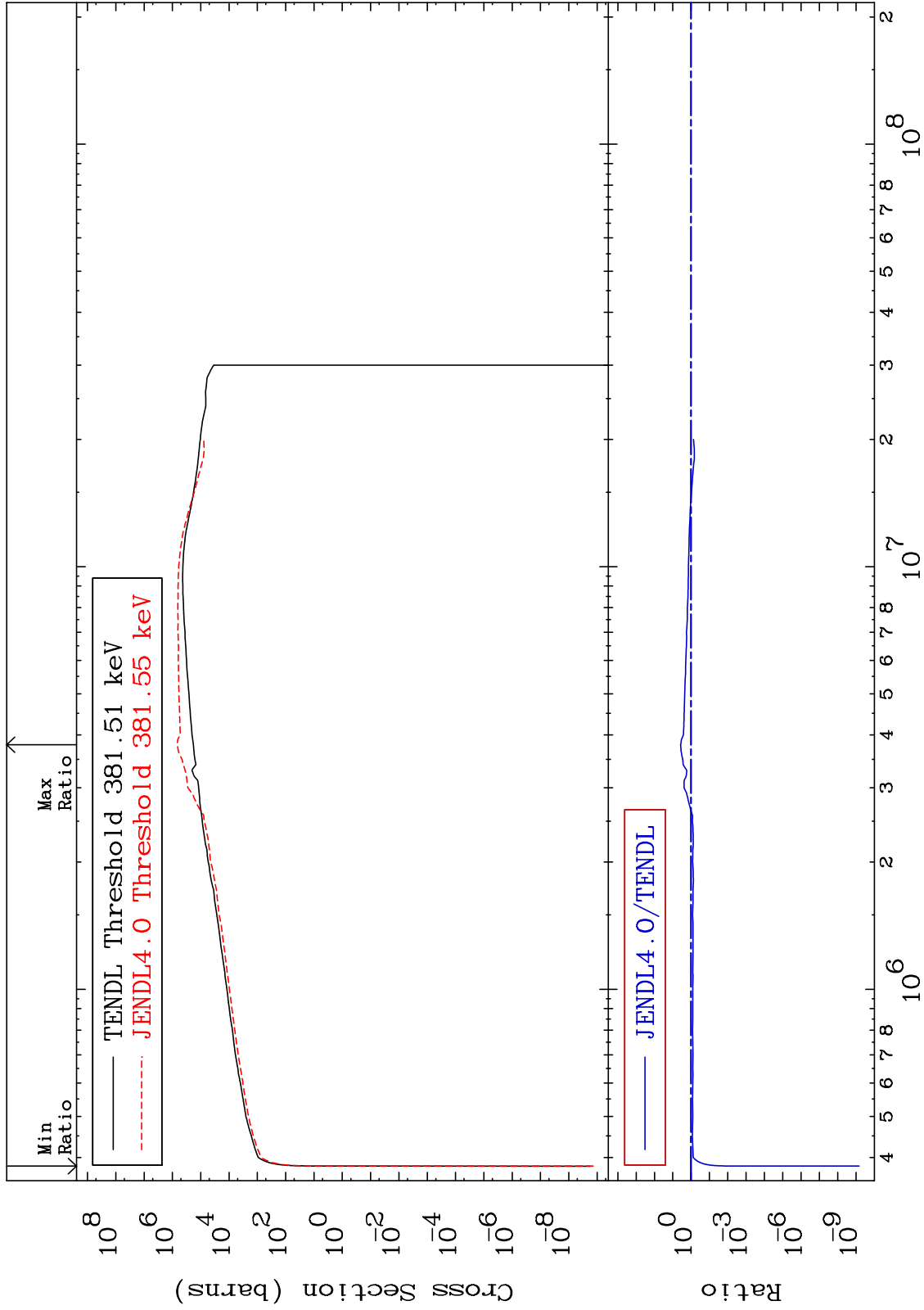
Kerma non-elastic (all but mt2)
Cross Section

20-Ca-43
-99.81 To 9999. %



45

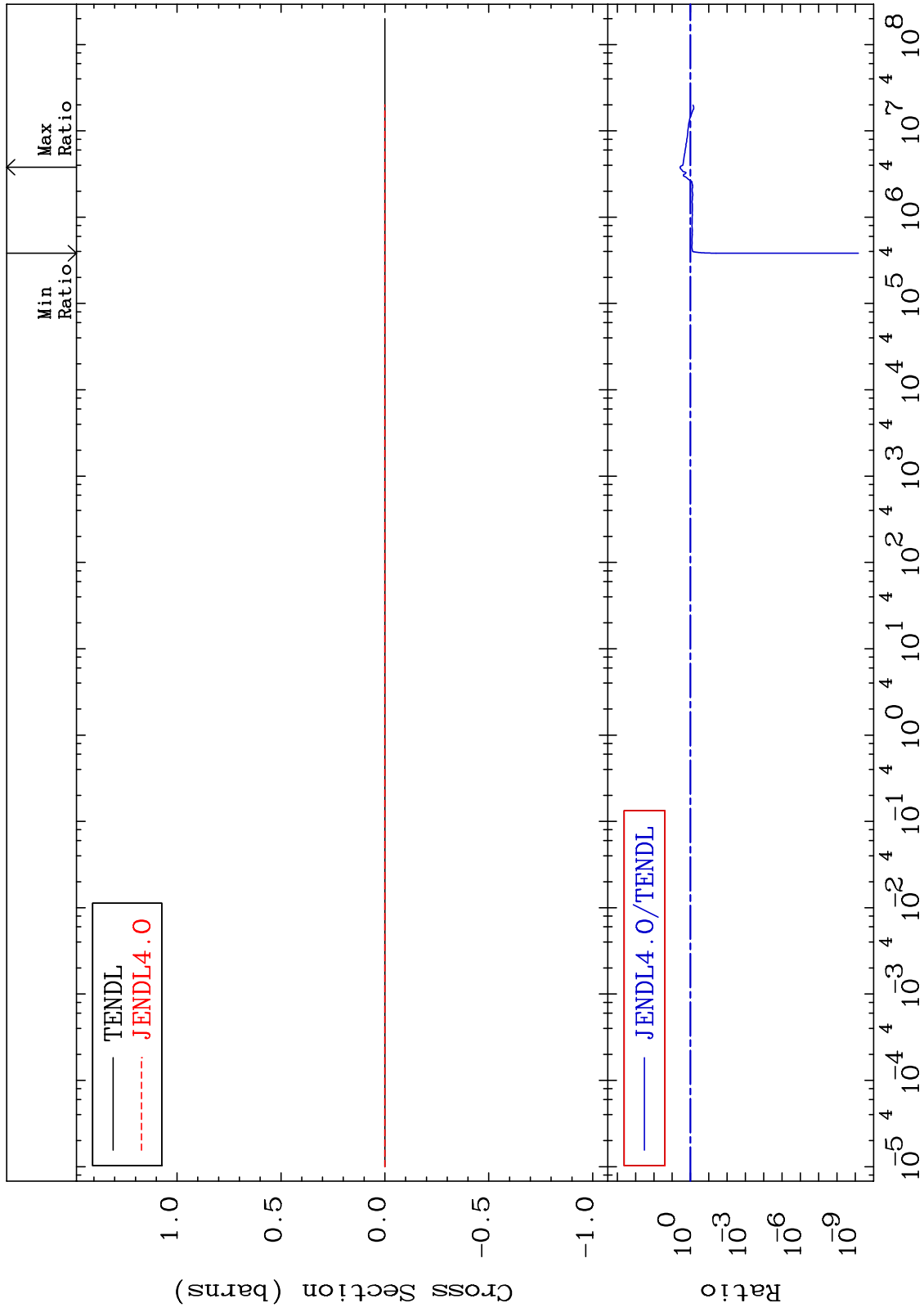
20-Ca-43



MAT 2034

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

20-Ca-43
-100.0 To 274.5 %



47

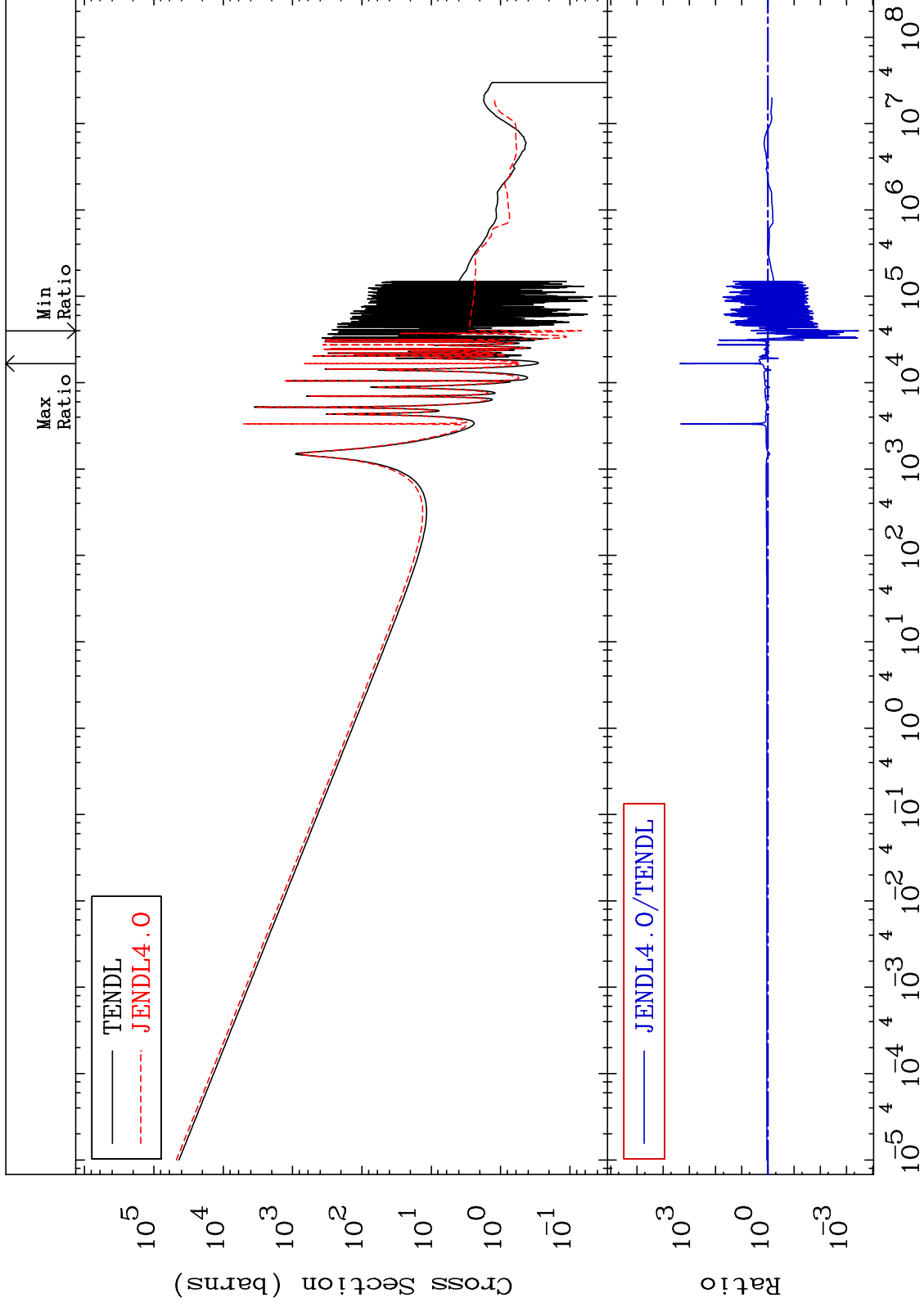
Incident Energy (eV)

20-Ca-43

MAT 2034

Kerma capture (mt102)
Cross Section

20-Ca-43
-99.96 To 9999. %



48

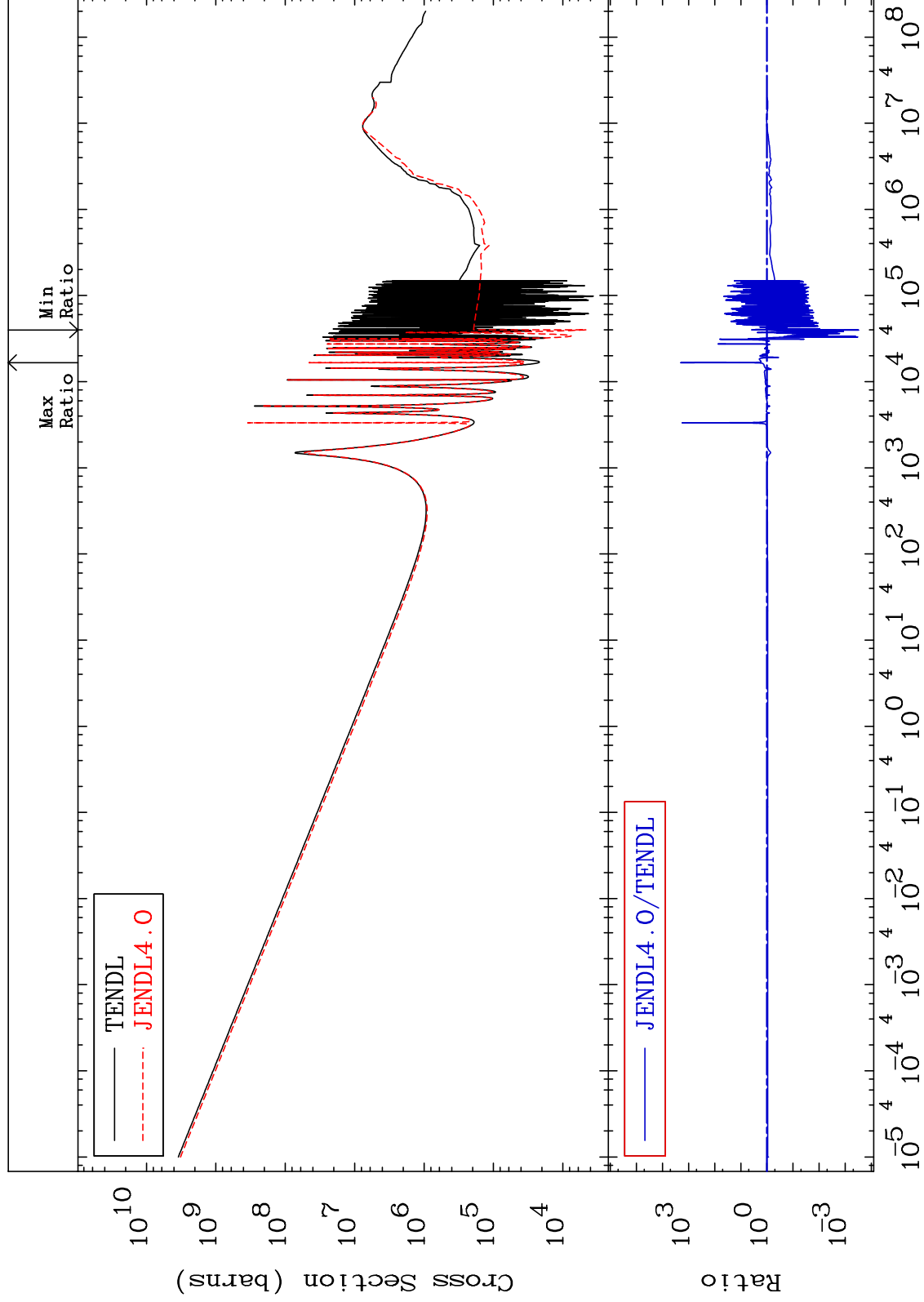
Incident Energy (eV)

20-Ca-43

MAT 2034

Total photon (eV-barns)
Cross Section

20-Ca-43
-99.97 To 9999. %



49

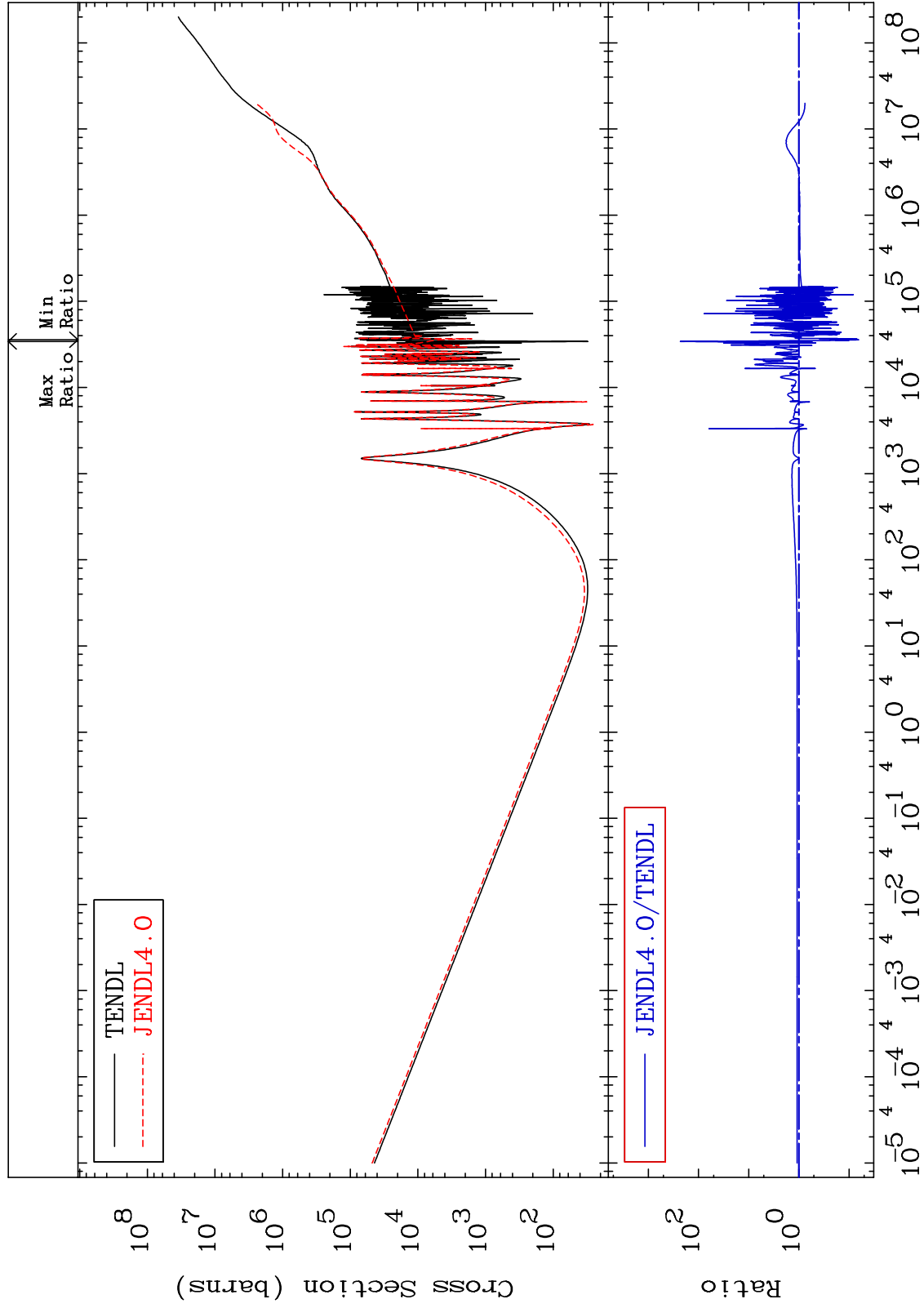
Incident Energy (eV)

20-Ca-43

MAT 2034

Total kinematic kerma (high limit)
Cross Section

20-Ca-43
-93.54 To 9999. %



50

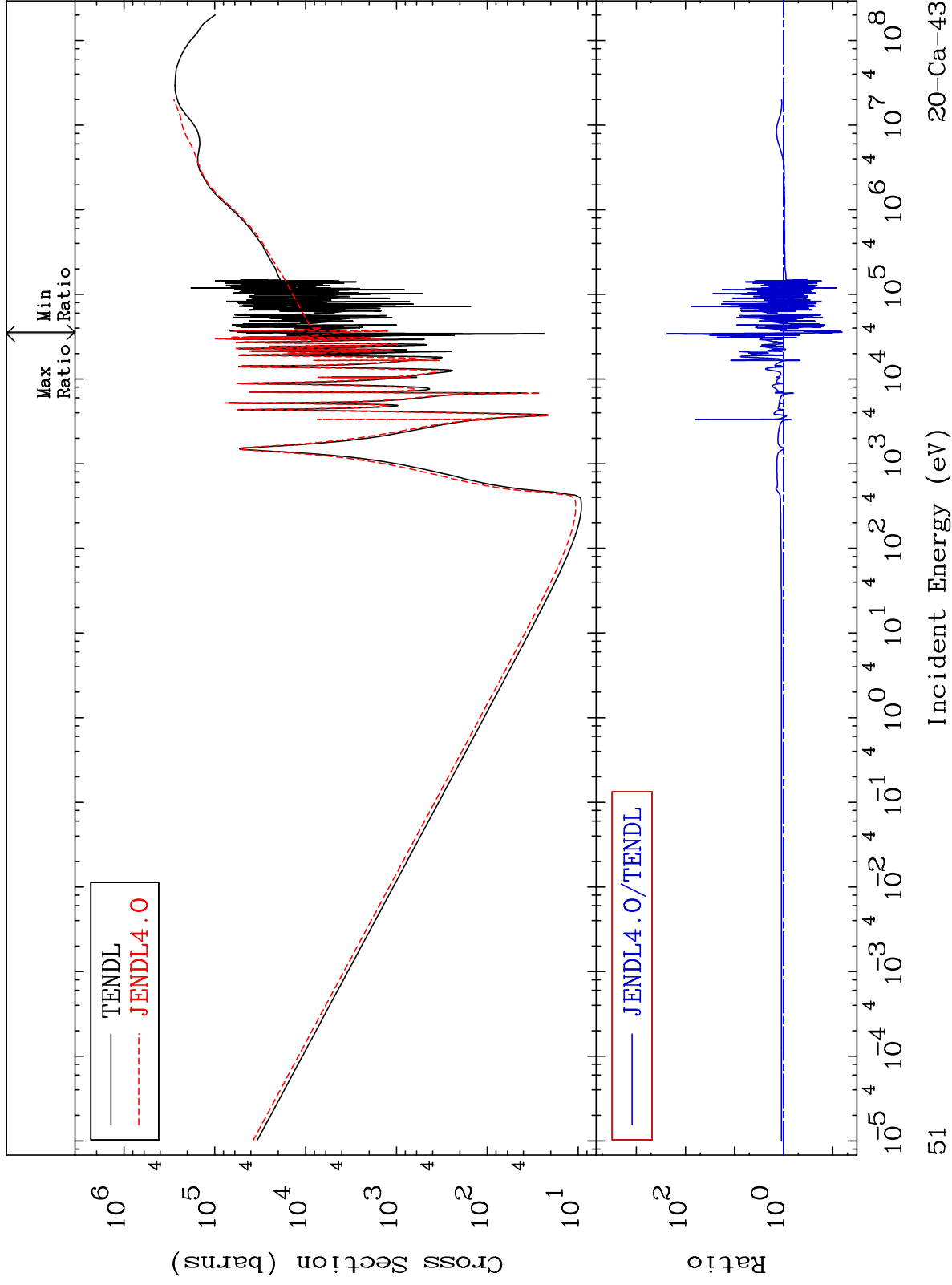
Incident Energy (eV)

20-Ca-43

MAT 2034

Dpa total (eV-barns)
Cross Section

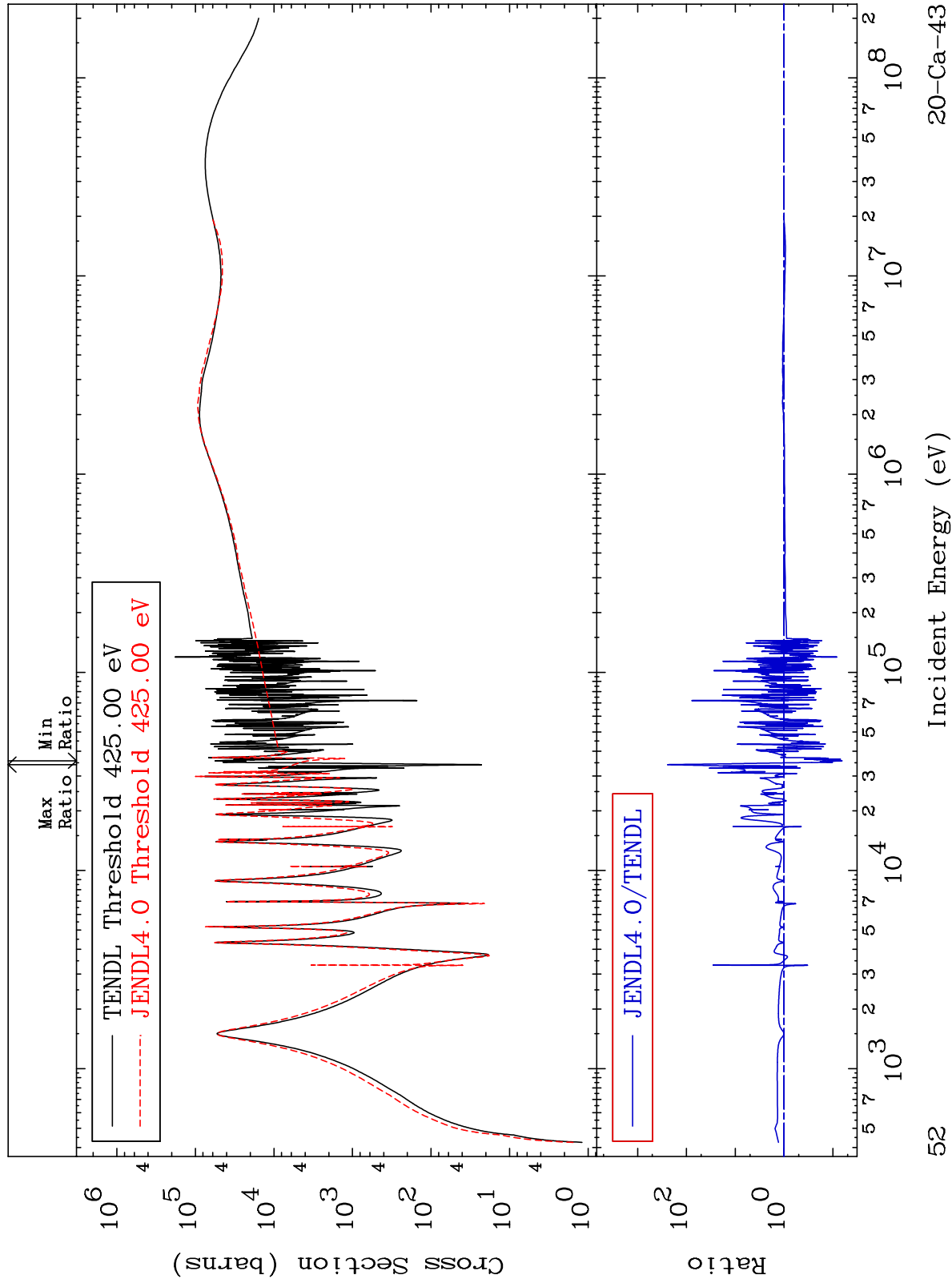
20-Ca-43
-93.54 To 9999. %



MAT 2034

Dpa elastic (mt2)
Cross Section

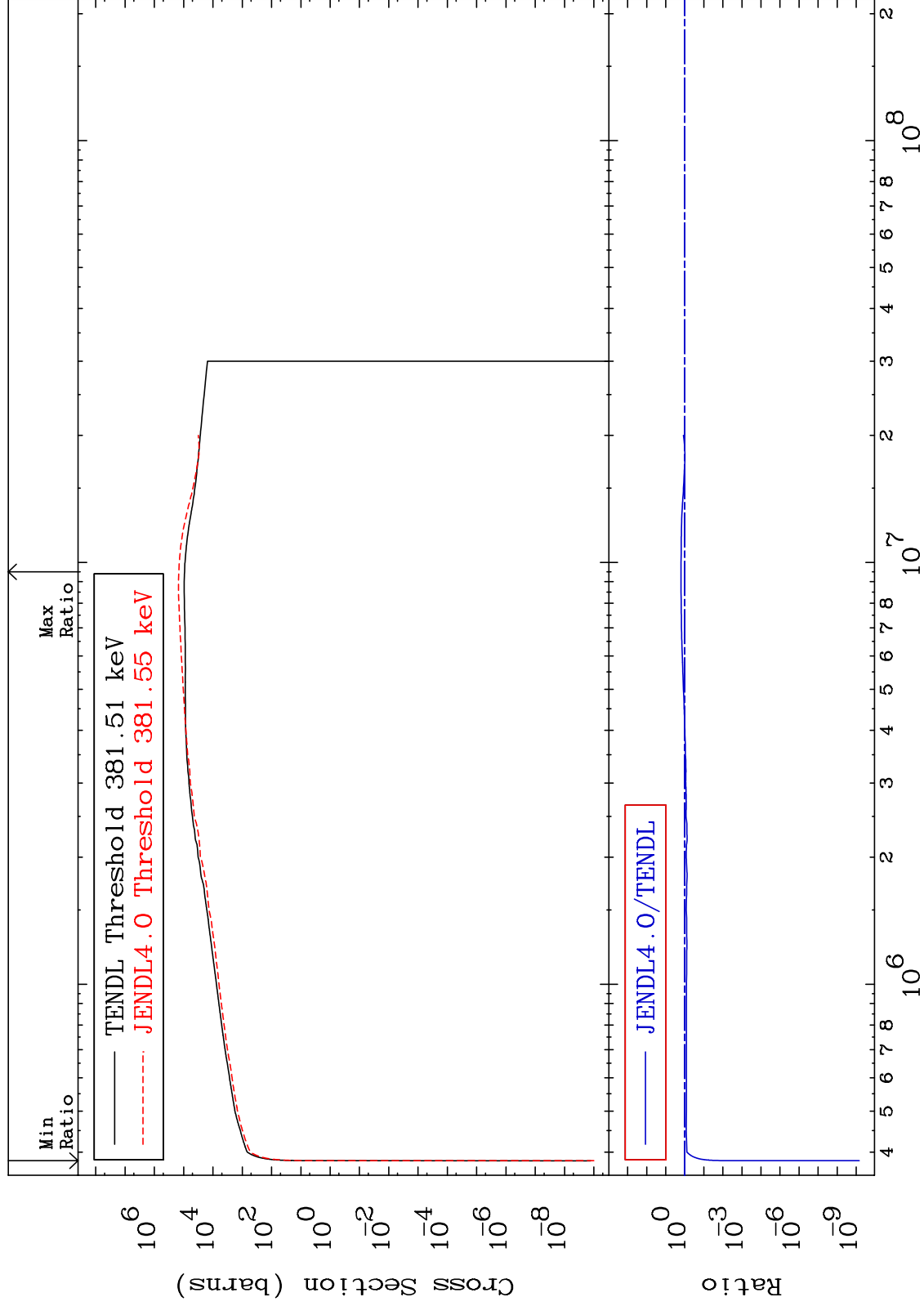
20-Ca-43
-93.54 To 9999. %



MAT 2034

Dpa inelastic (mt51-91)
Cross Section

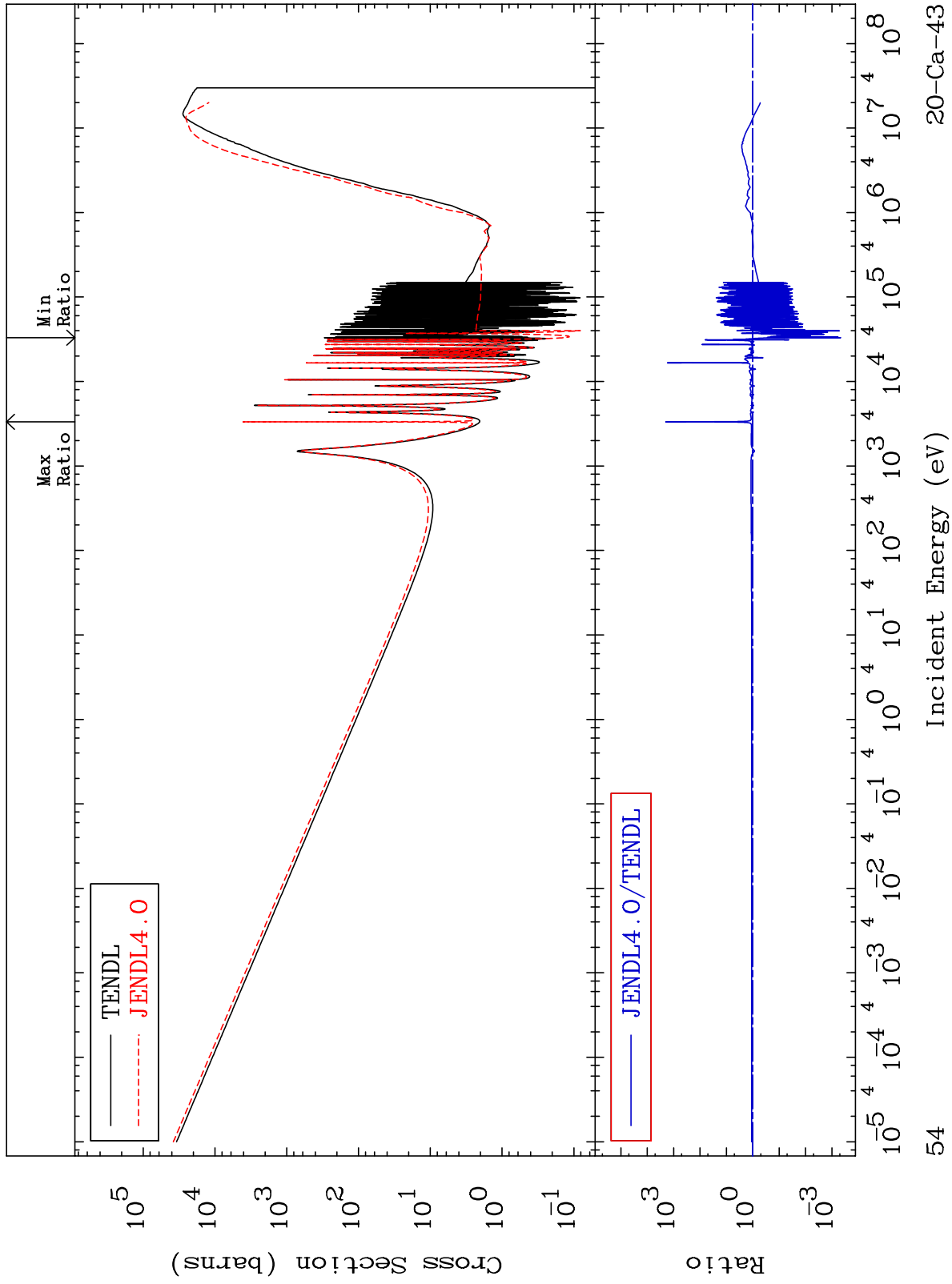
20-Ca-43
-100.0 To 56.86 %



MAT 2034

Dpa disappearance (mt102 -120)
Cross Section

20-Ca-43
-99.95 To 9999. %



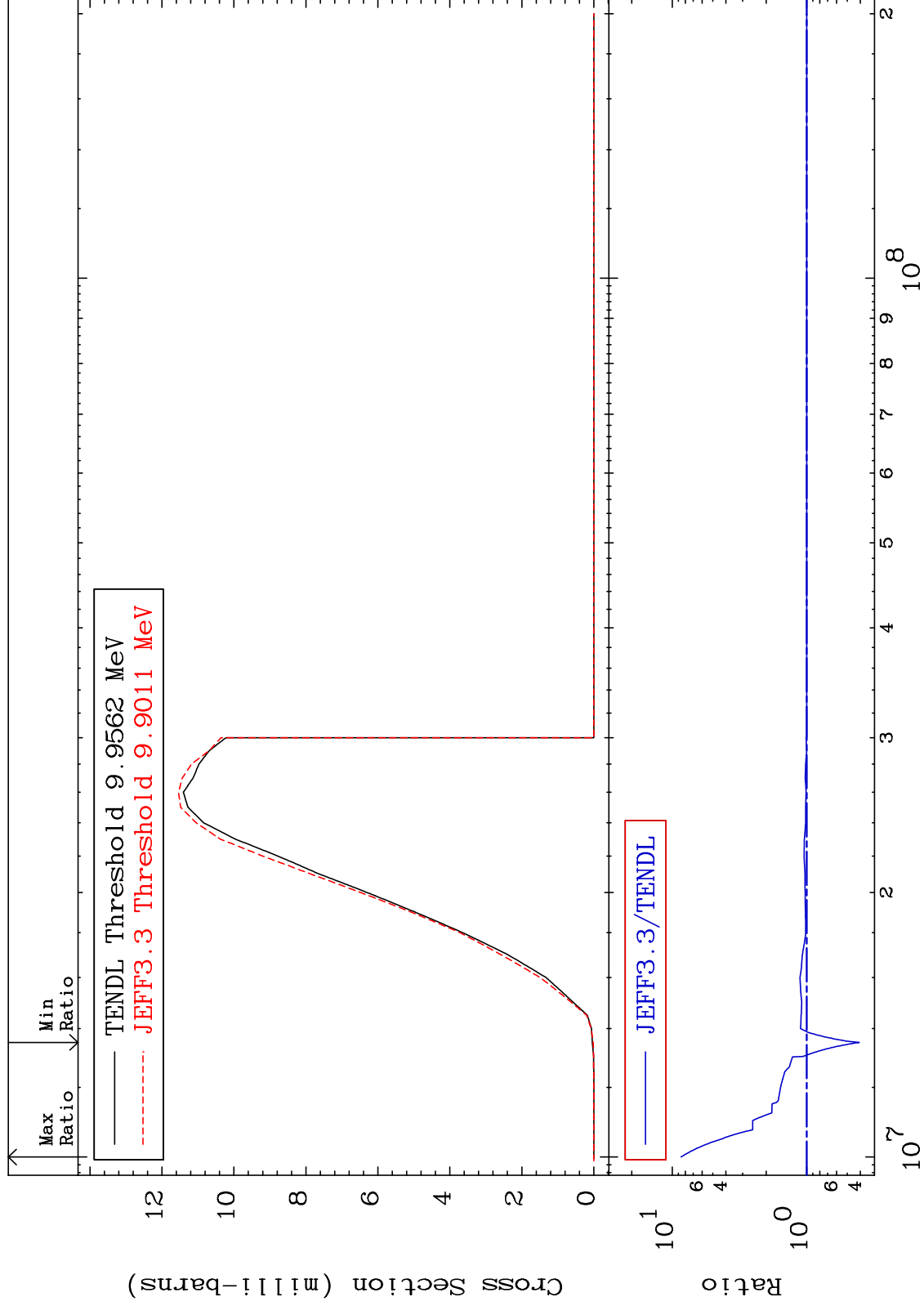
MAT 2034

(n, t)

20-Ca-43

Cross Section

-59.31 To 760.7 %



55

Incident Energy (eV)

20-Ca-43

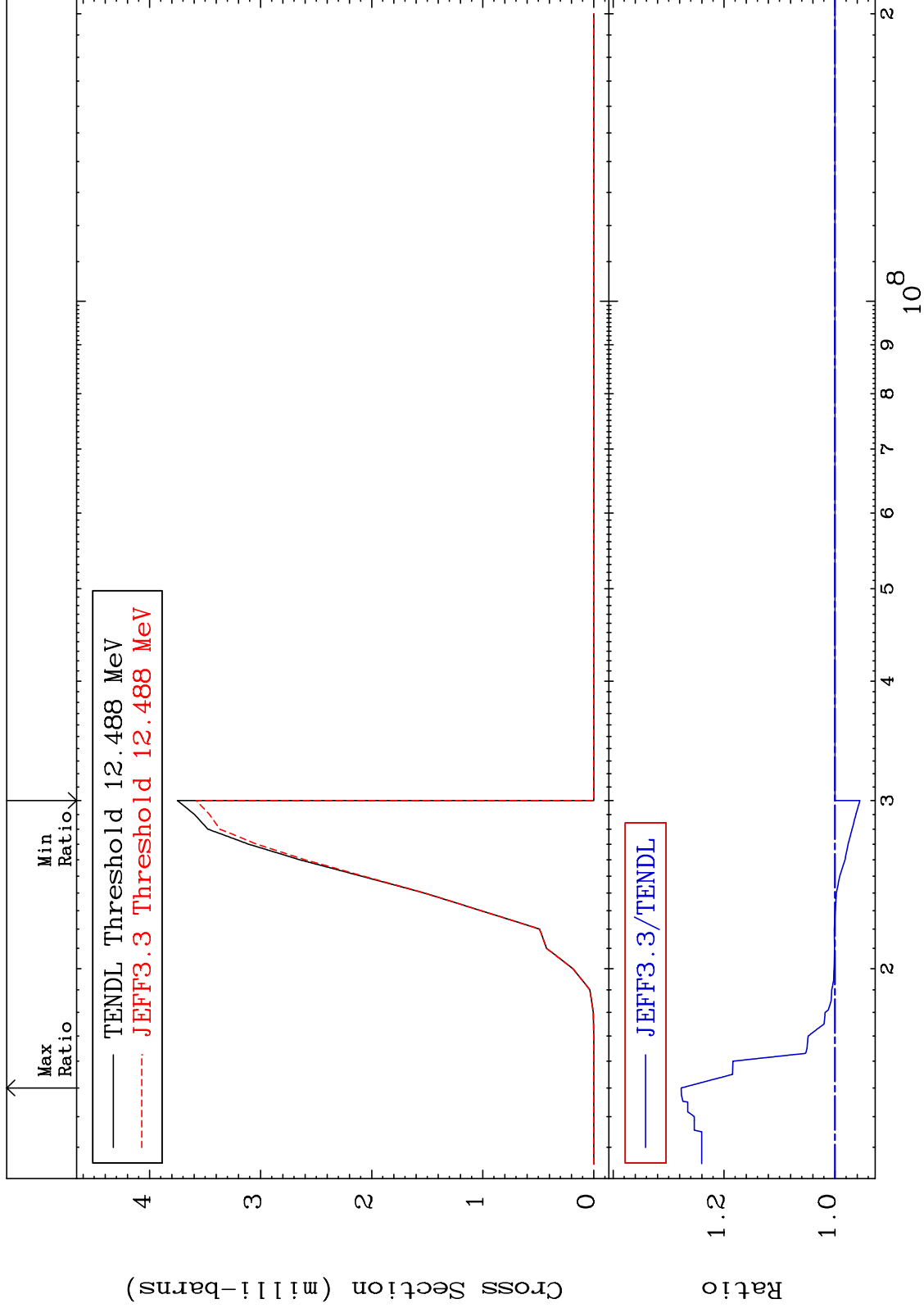
MAT 2034

(n, He-3)

20-Ca-43

Cross Section

-4.495 To 27.72 %



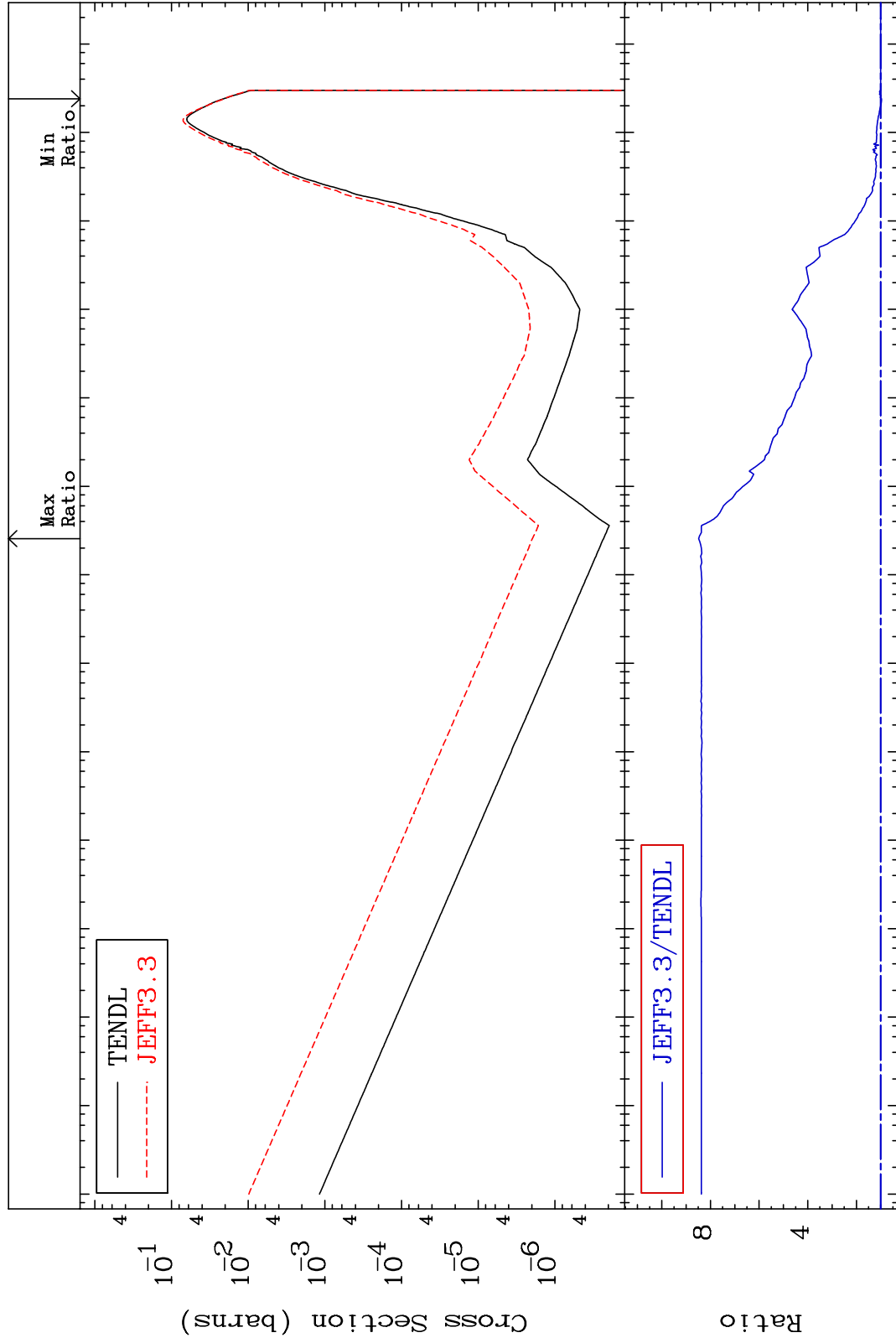
MAT 2034

(n, α)

20-Ca-43

Cross Section

-3.478 To 748.2 %



Incident Energy (eV) 20-Ca-43

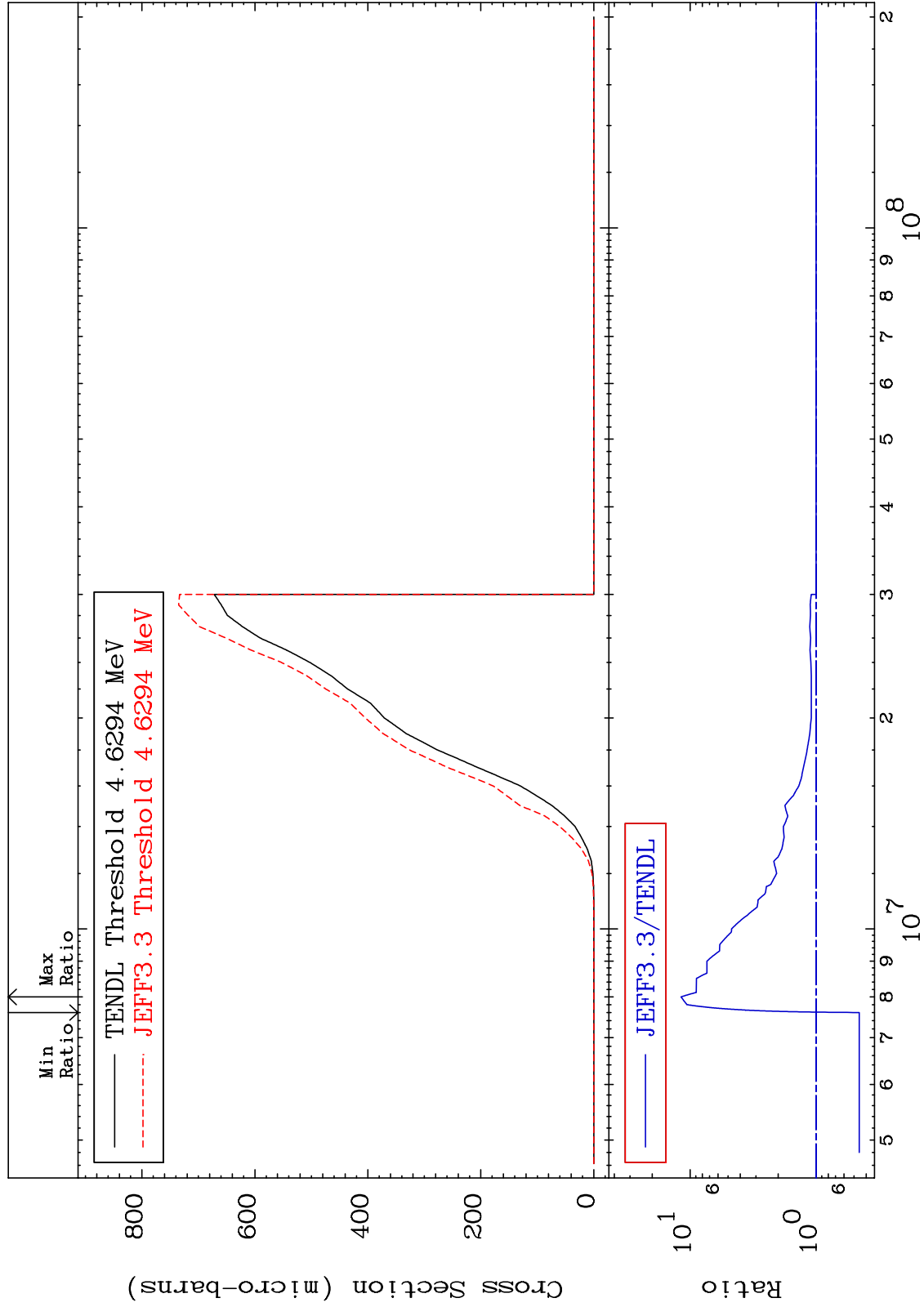
MAT 2034

(n, 2α)

20-Ca-43

Cross Section

-54.65 To 1081. %



58

Incident Energy (eV)

20-Ca-43

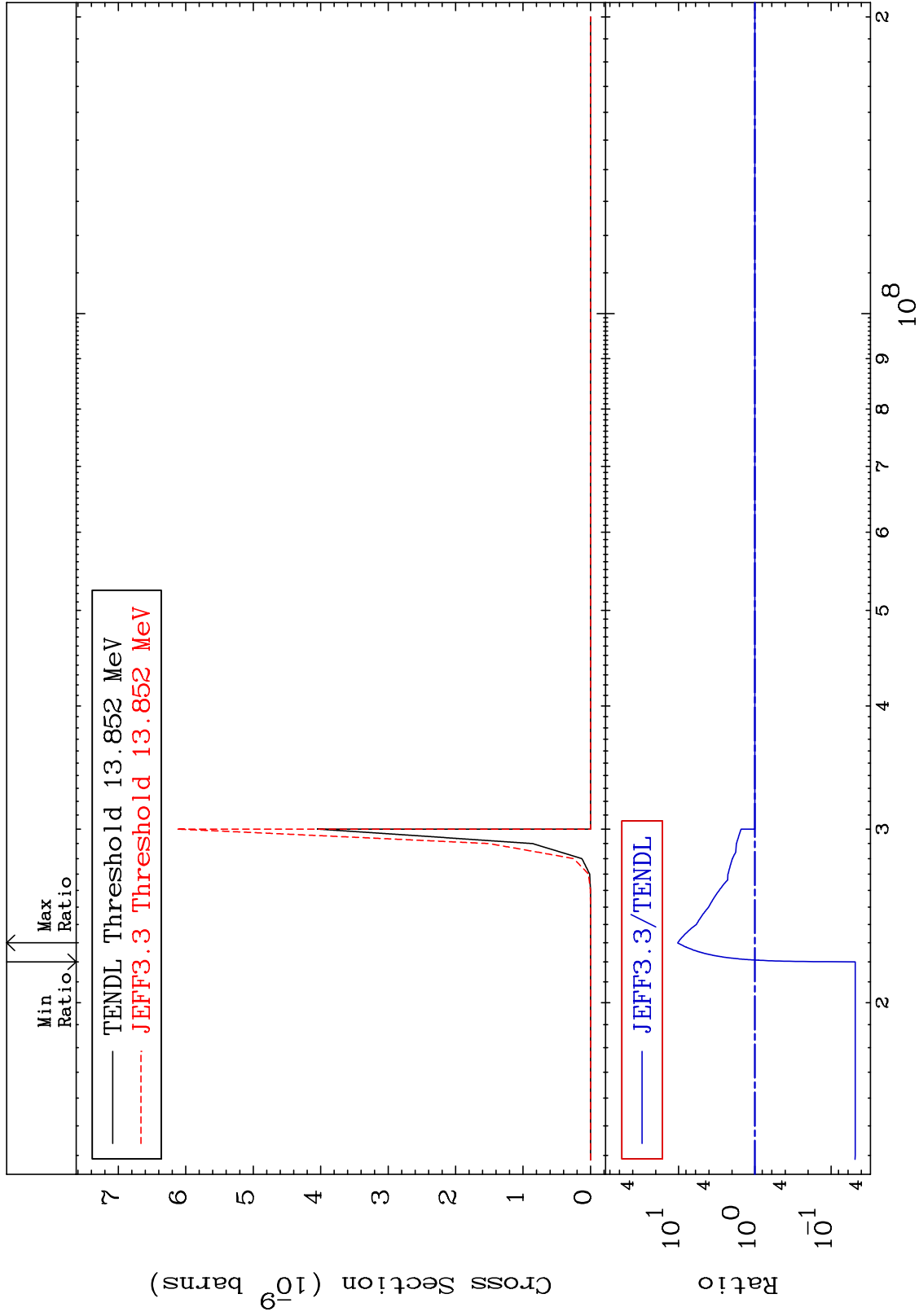
MAT 2034

(n, 3α)

20-Ca-43

Cross Section

-95.19 To 934.1 %



MAT 2034

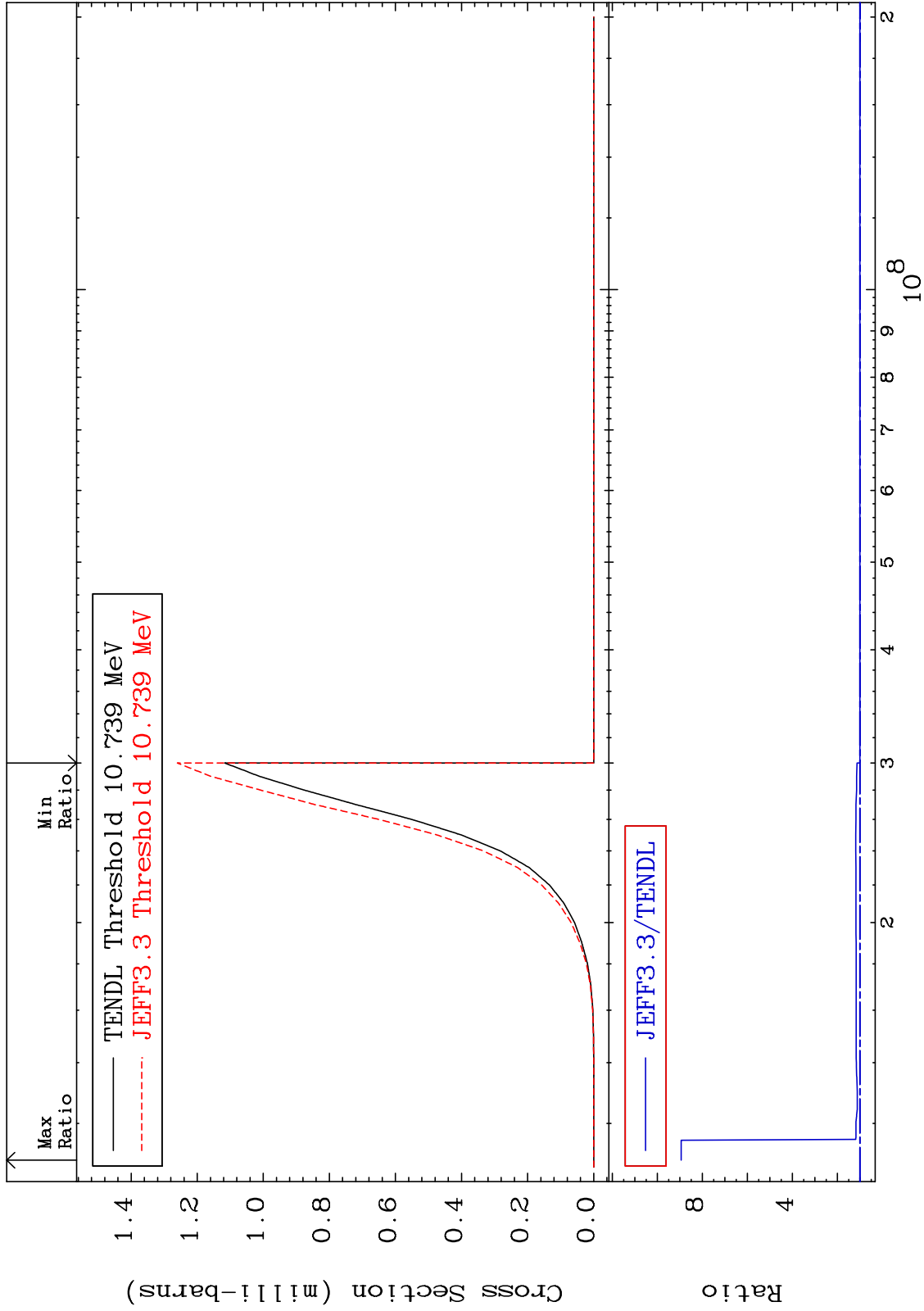
(n,2p)

20-Ca-43

Cross Section

0.000

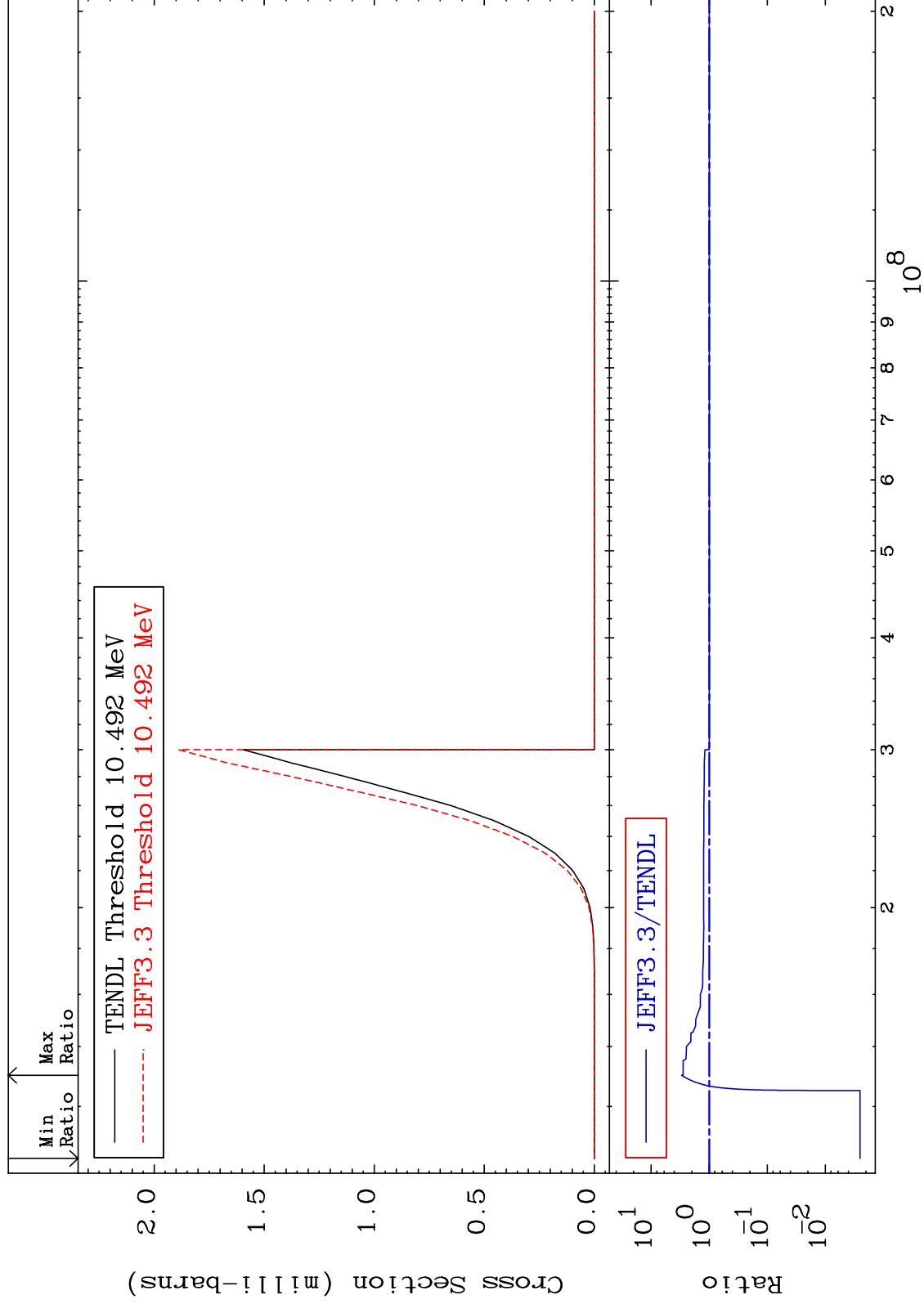
To 794.1 %



60

Incident Energy (eV)

20-Ca-43



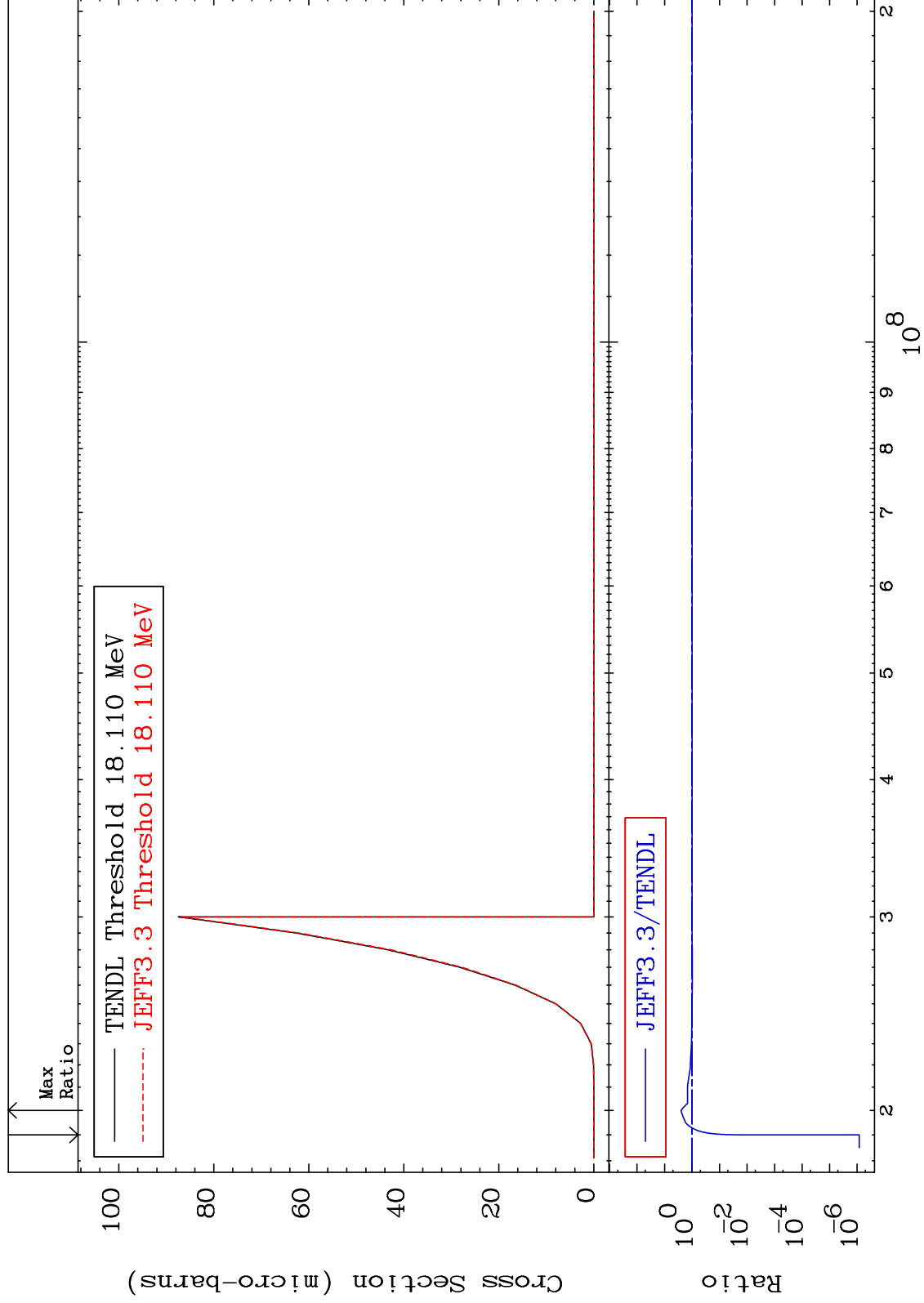
MAT 2034

(n,p) d

20-Ca-43

Cross Section

-100.0 To 151.3 %



62

Incident Energy (eV)

20-Ca-43

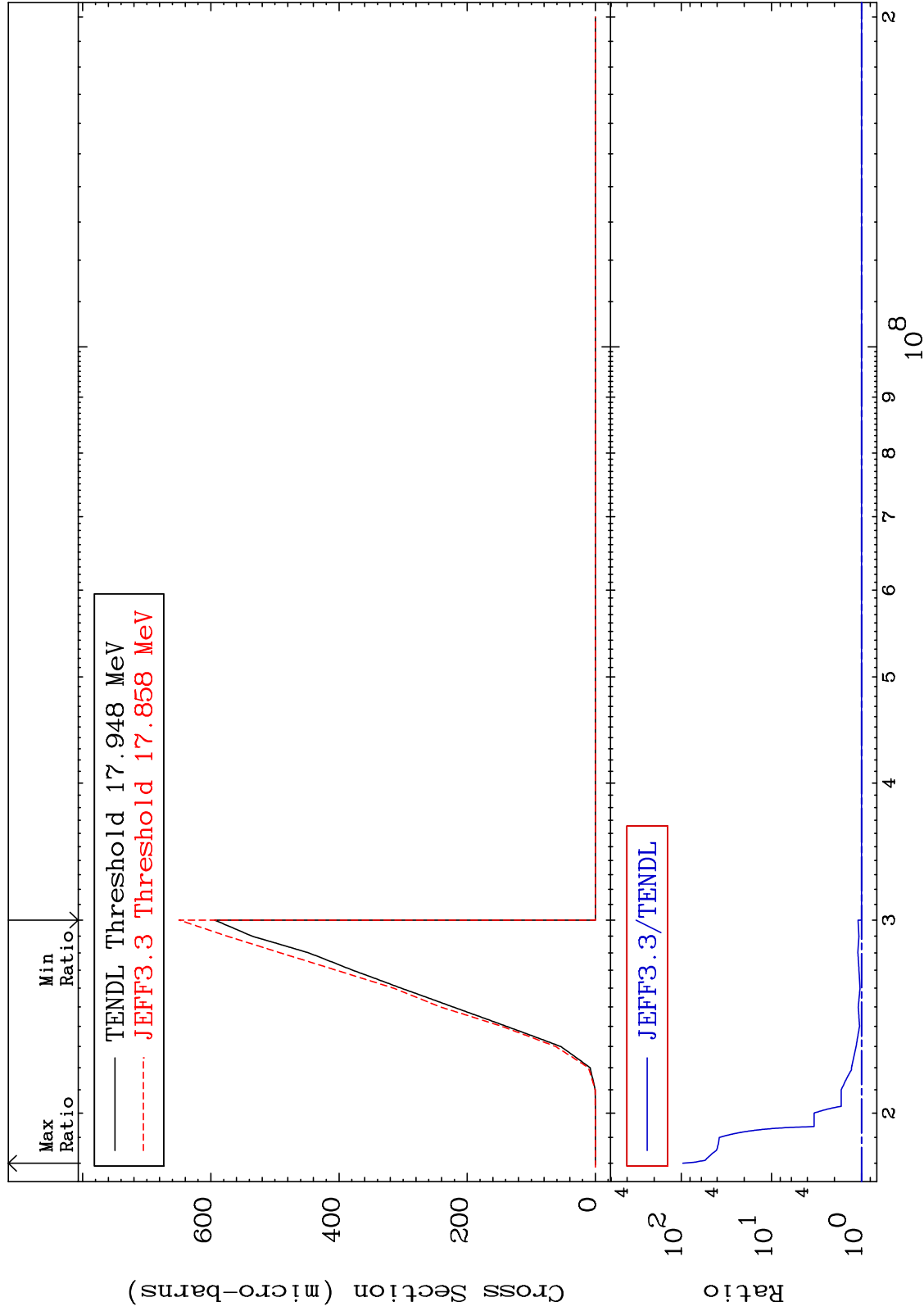
MAT 2034

(n,p) t

20-Ca-43

Cross Section

0.000 To 9507. %



63

Incident Energy (eV)

20-Ca-43

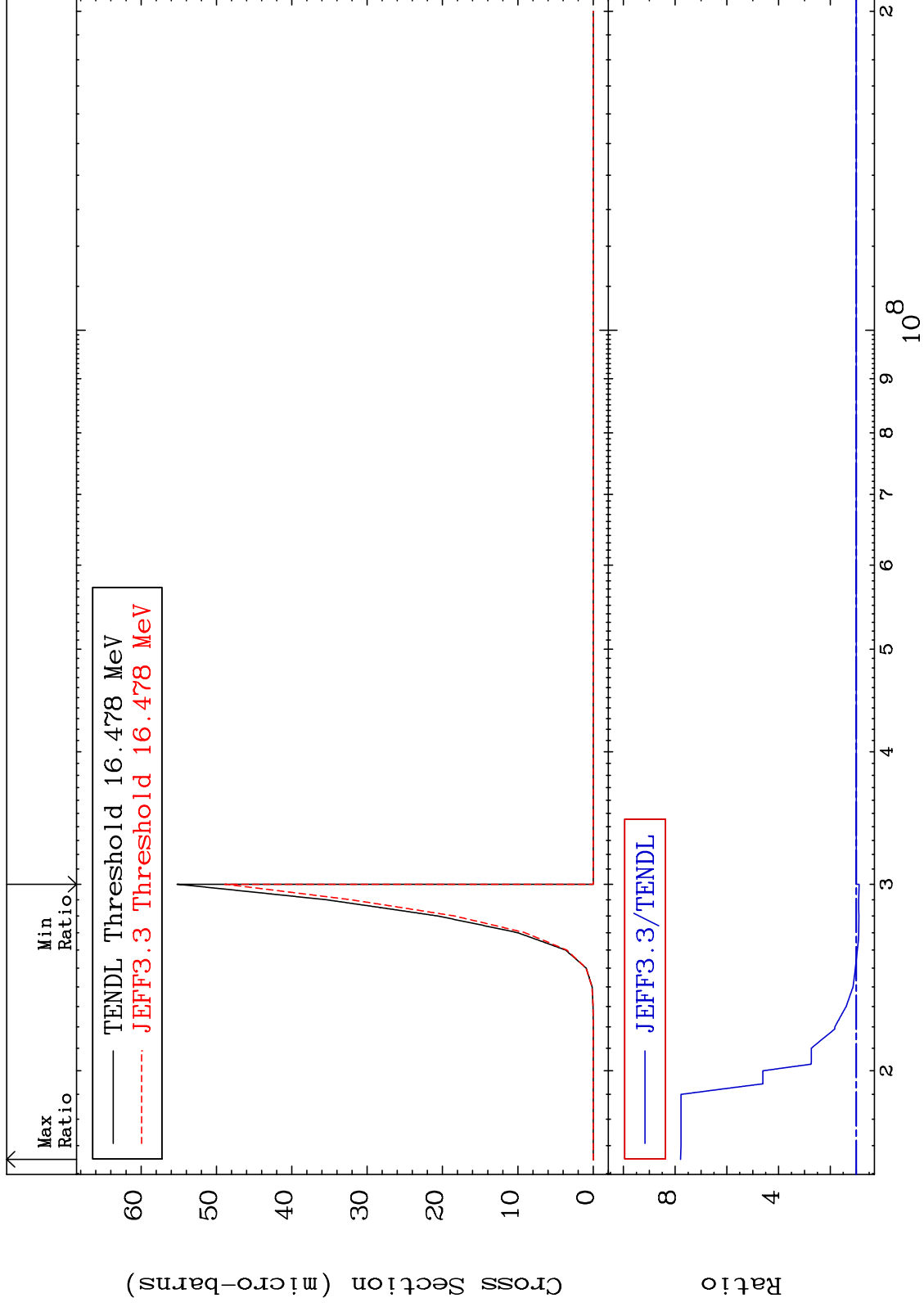
MAT 2034

(n,d) α

20-Ca-43

Cross Section

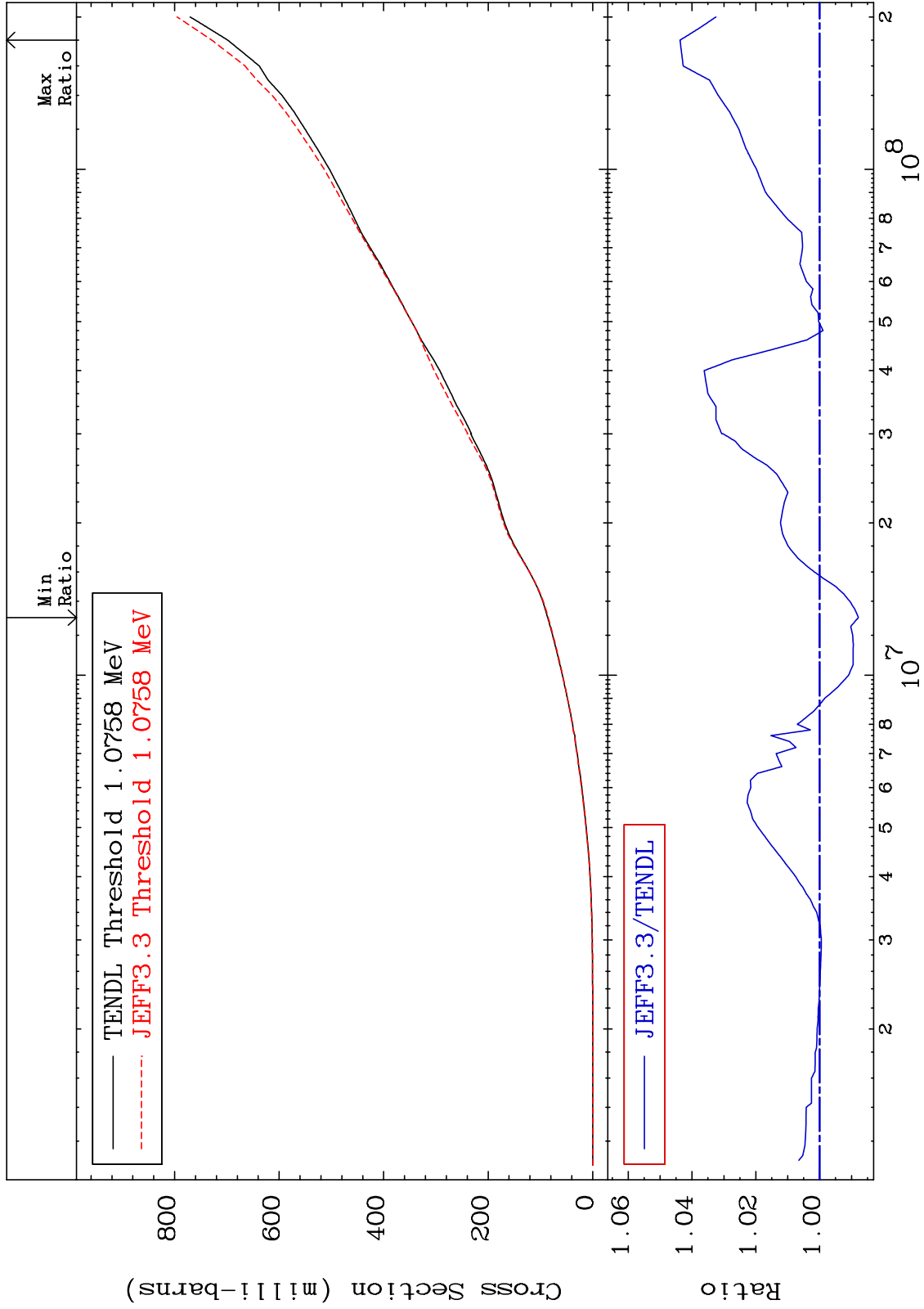
-11.49 To 678.9 %



MAT 2034

Hydrogen Production
Cross Section

20-Ca-43
-1.217 To 4.376 %



65

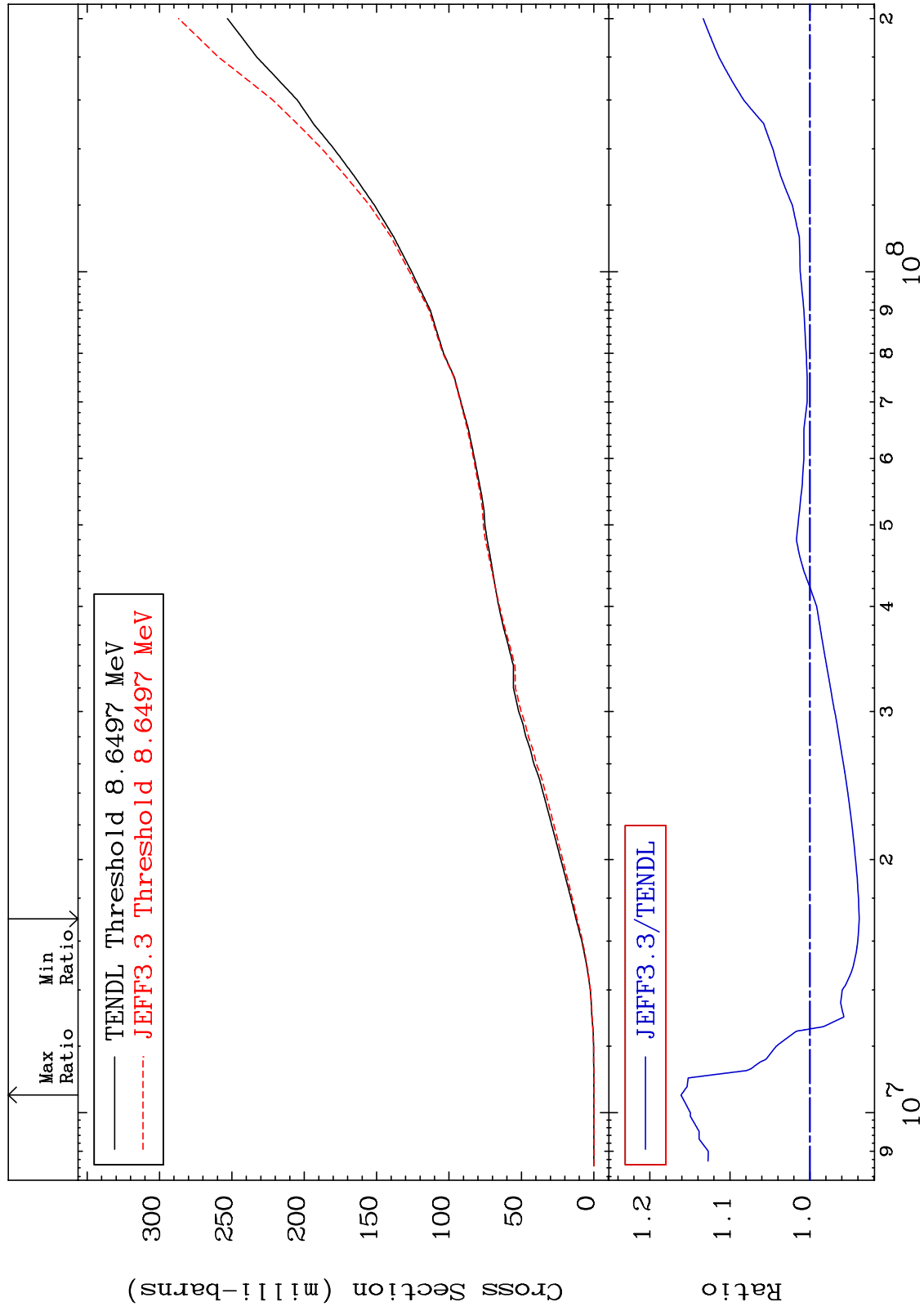
Incident Energy (eV)

20-Ca-43

MAT 2034

Deuterium Production
Cross Section

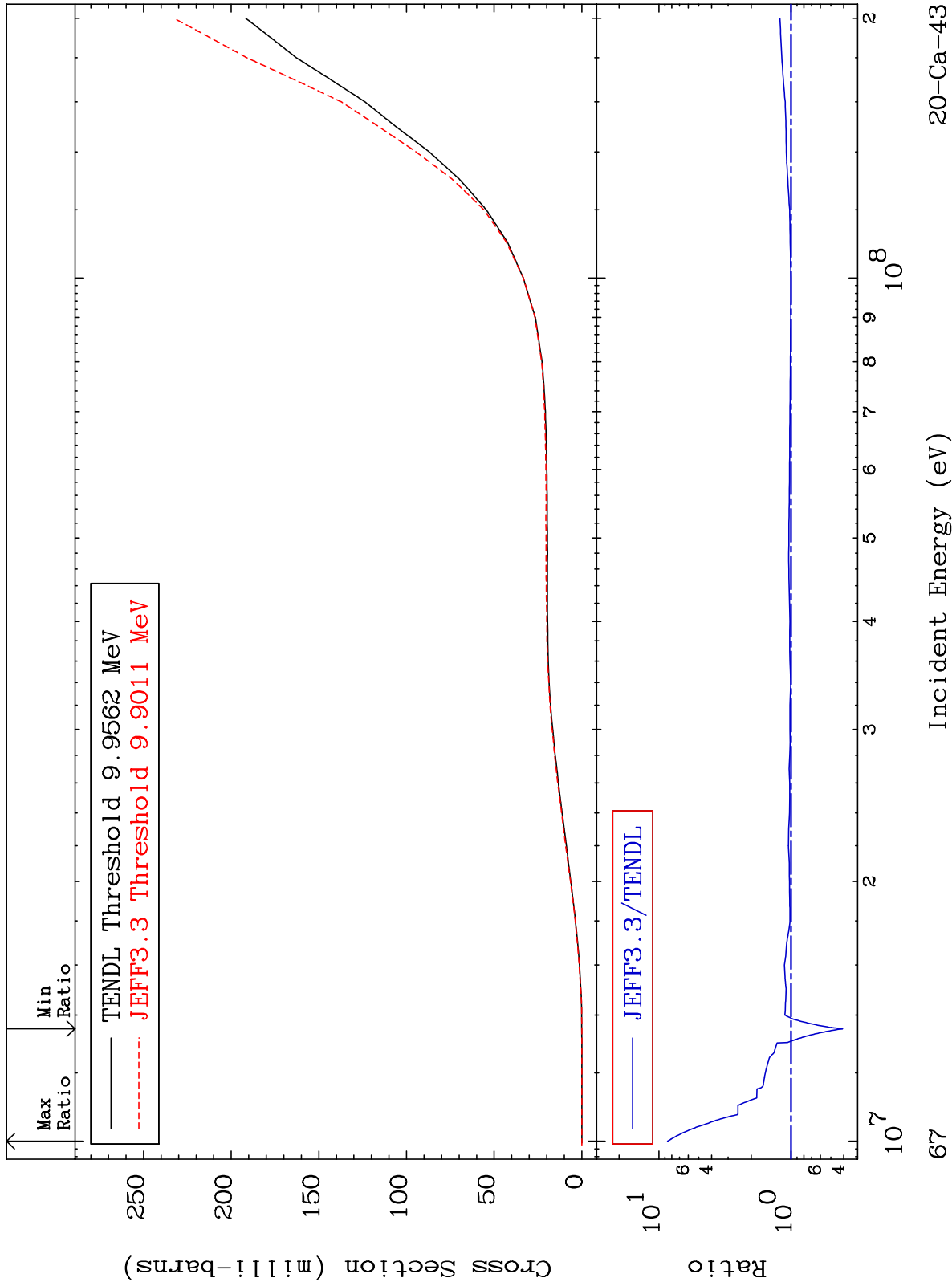
²⁰Ca-43
-6.174 To 16.11 %



MAT 2034

Tritium Production
Cross Section

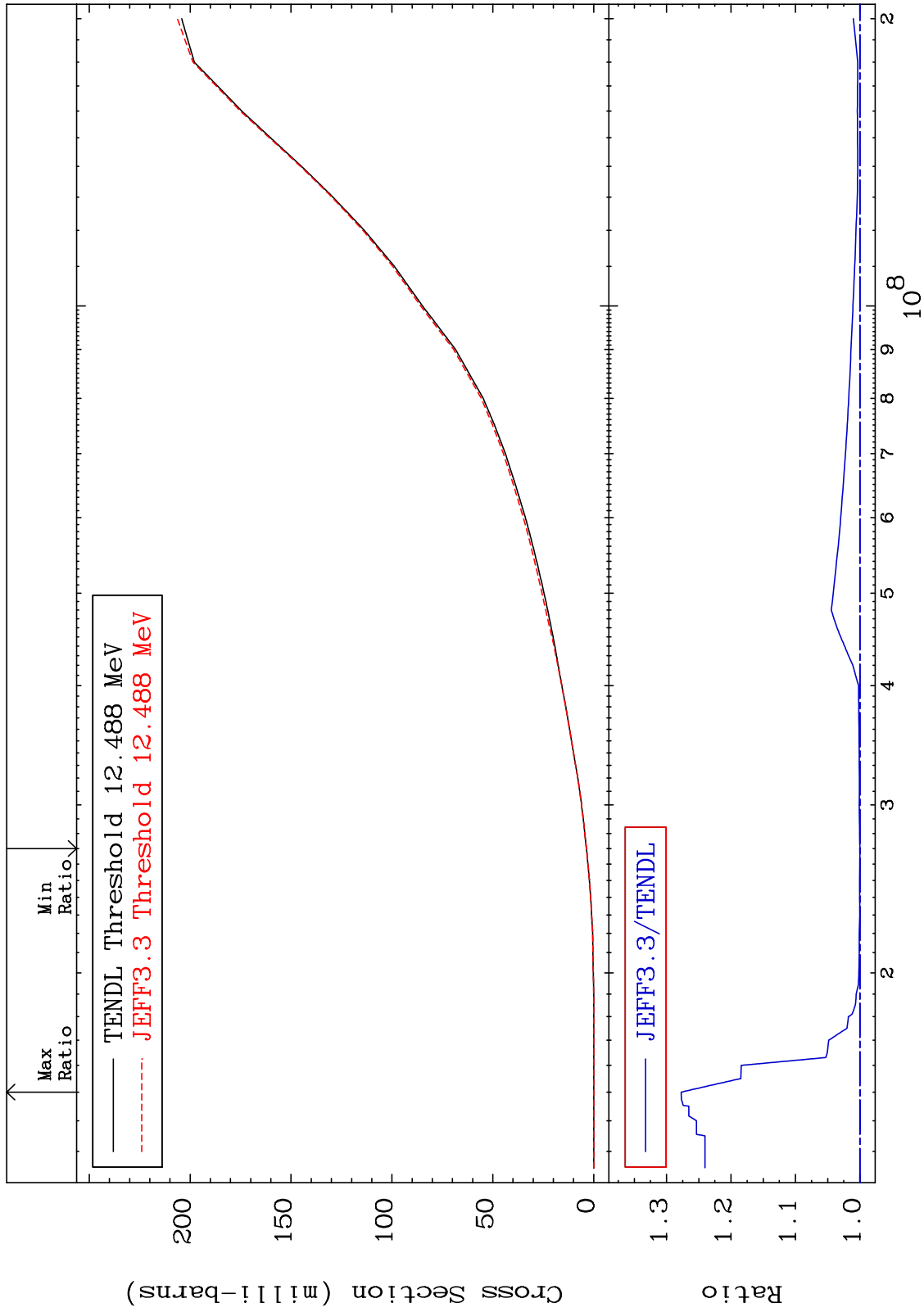
20-Ca-43
-59.31 To 760.7 %



MAT 2034

He-3 Production
Cross Section

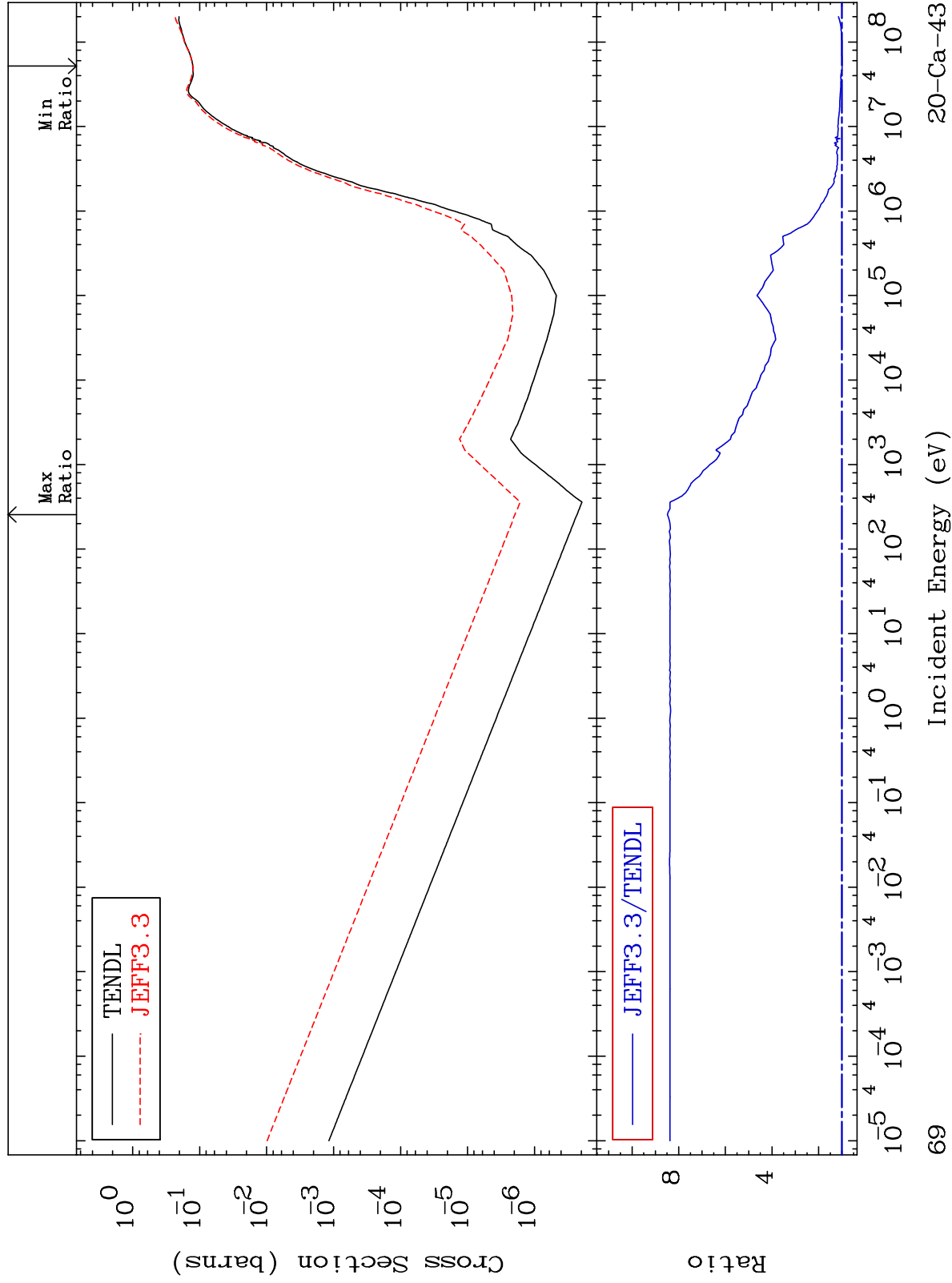
20-Ca-43
-0.005 To 27.72 %



MAT 2034

He-4 Production
Cross Section

20-Ca-43
-0.851 To 748.2 %



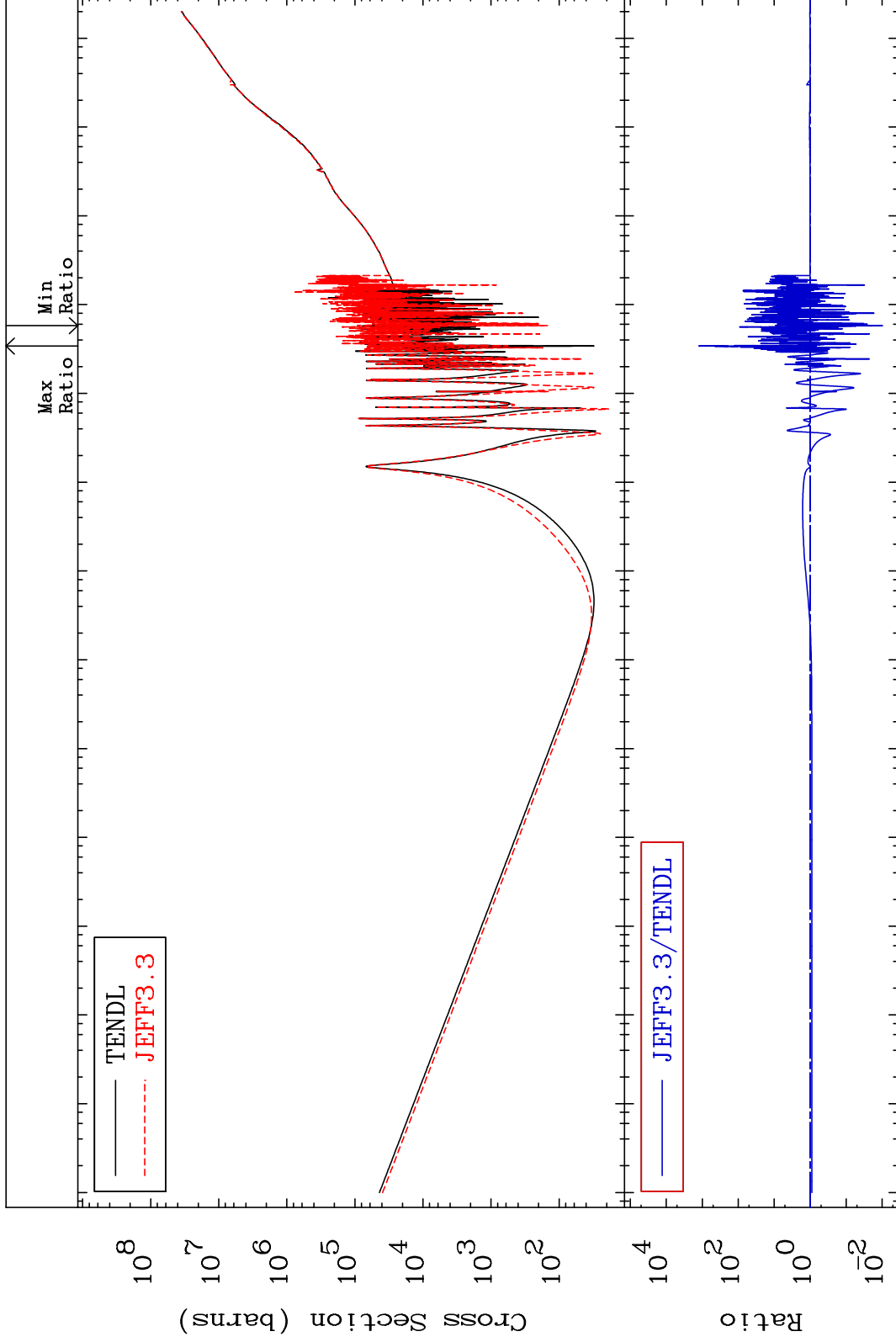
MAT 2034

Kerma total (eV-barns)

20-Ca-43

Cross Section

-99.02 To 9999. %



Incident Energy (eV)

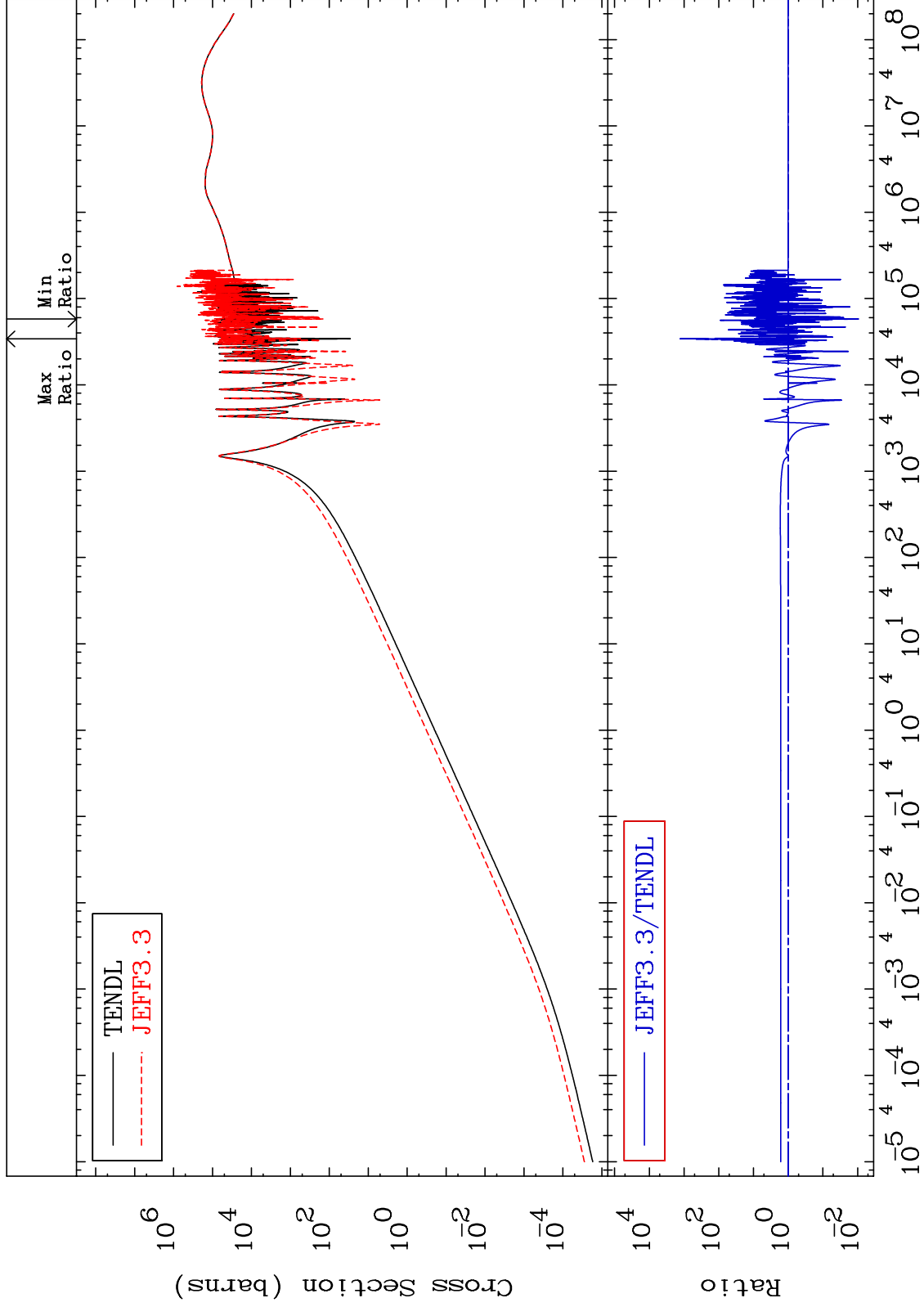
70

20-Ca-43

MAT 2034

Kerma elastic
Cross Section

20-Ca-43
-99.05 To 9999. %



71

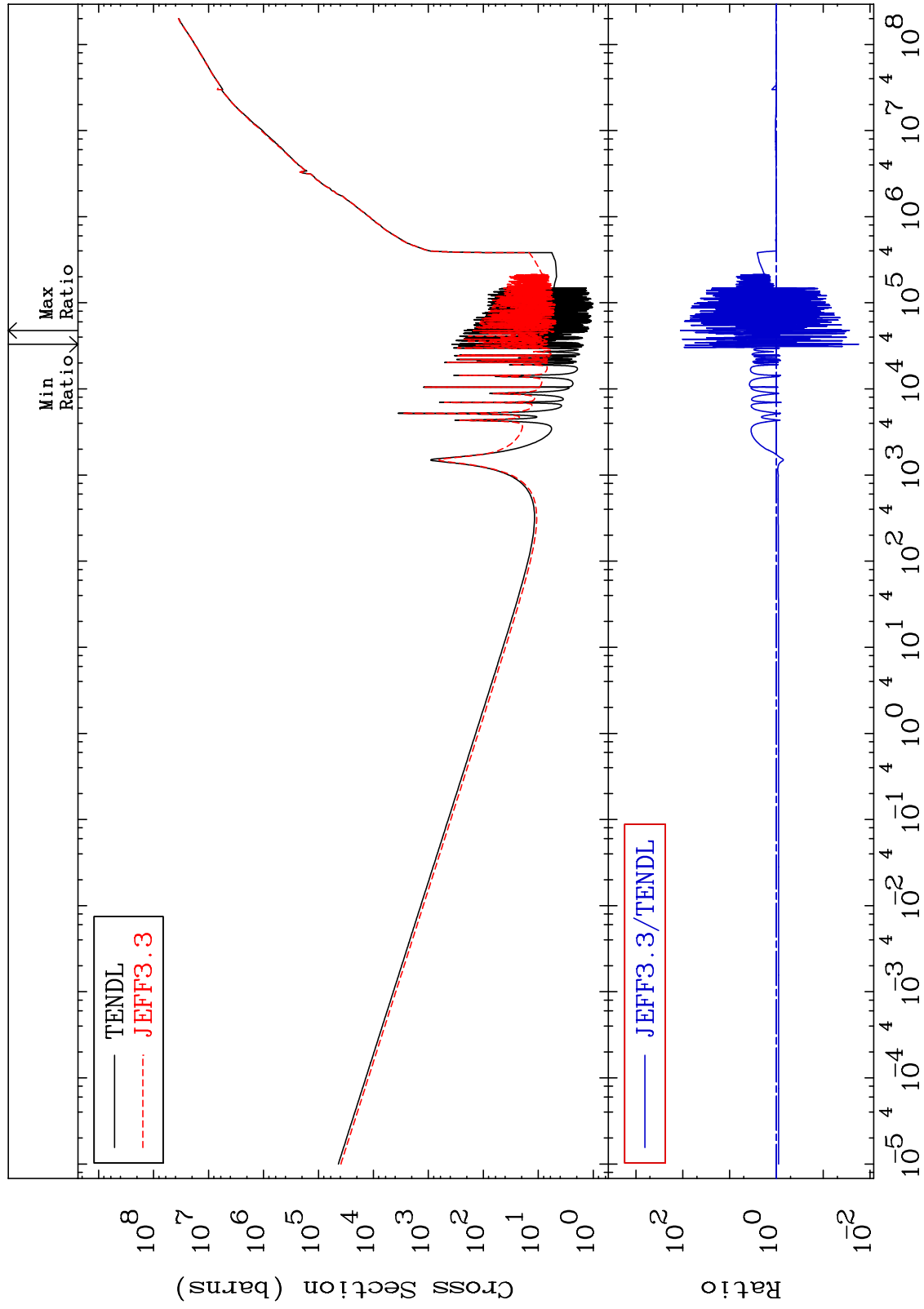
Incident Energy (eV)

20-Ca-43

MAT 2034

Kerma non-elastic (all but mt2)
Cross Section

20-Ca-43
-98.24 To 9999. %



72

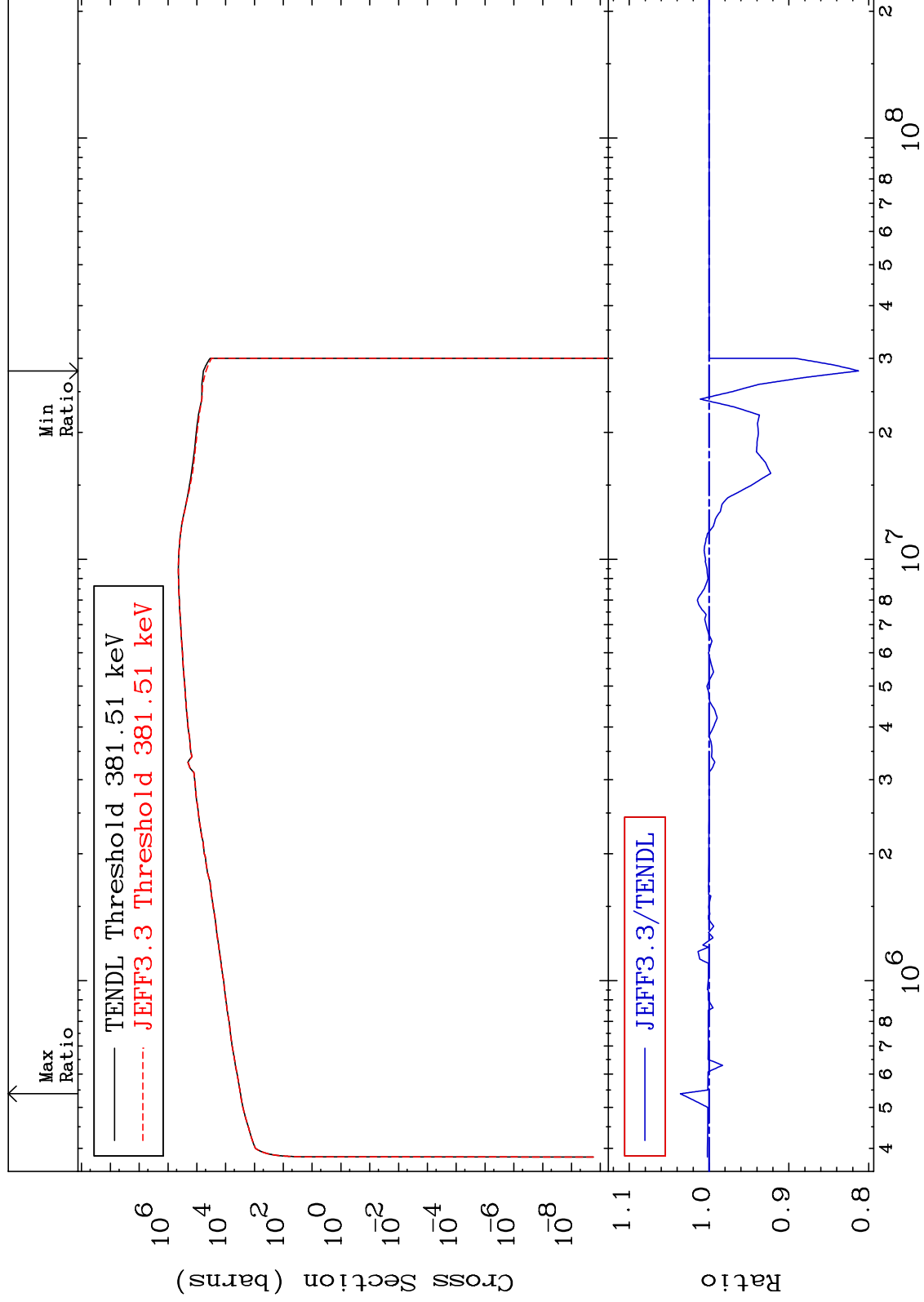
Incident Energy (eV)

20-Ca-43

MAT 2034

Kerma inelastic (mt51-91)
Cross Section

20-Ca-43
-18.73 To 3.589 %



73

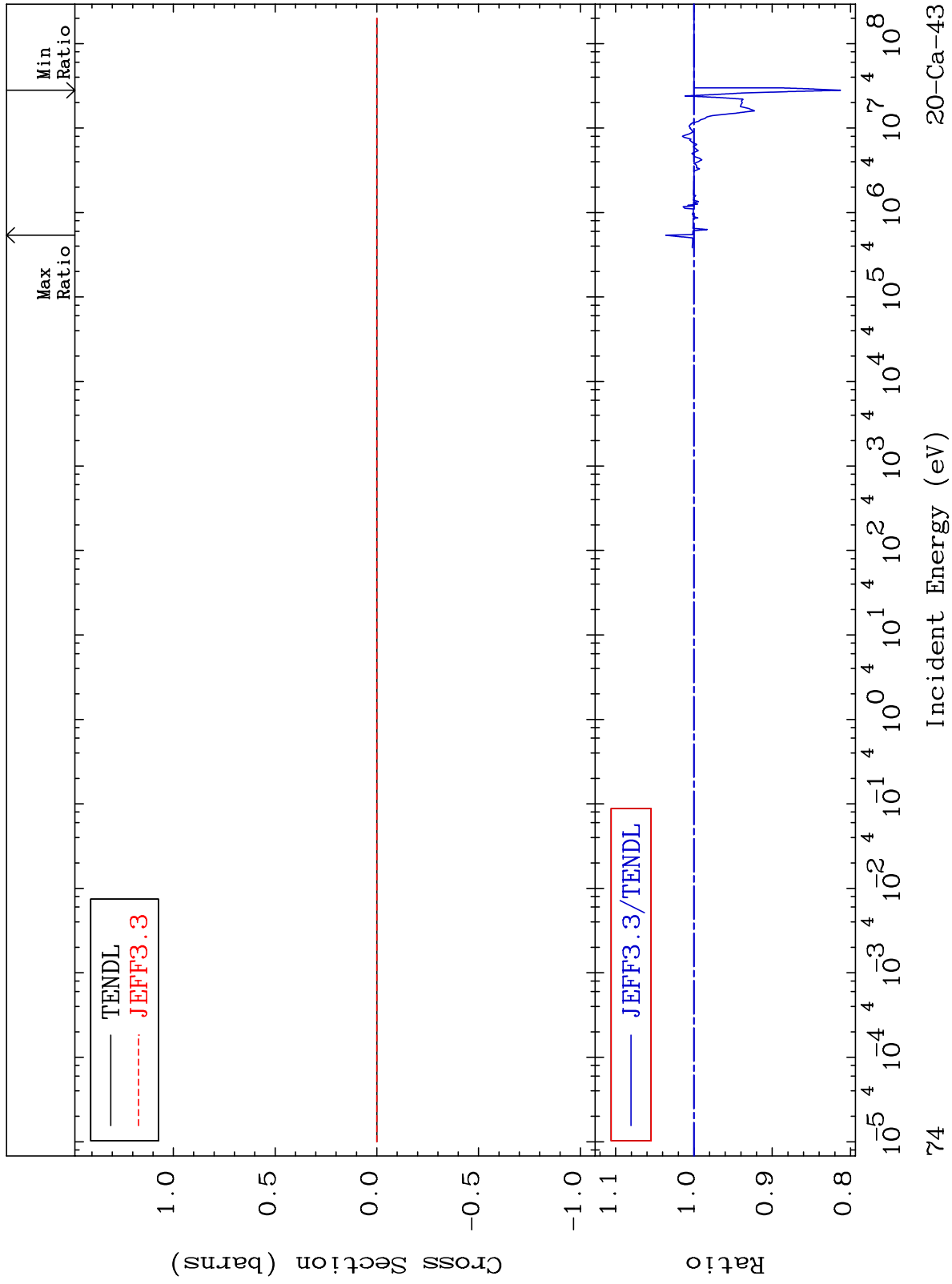
Incident Energy (eV)

20-Ca-43

MAT 2034

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

20-Ca-43
-18.73 To 3.589 %



74

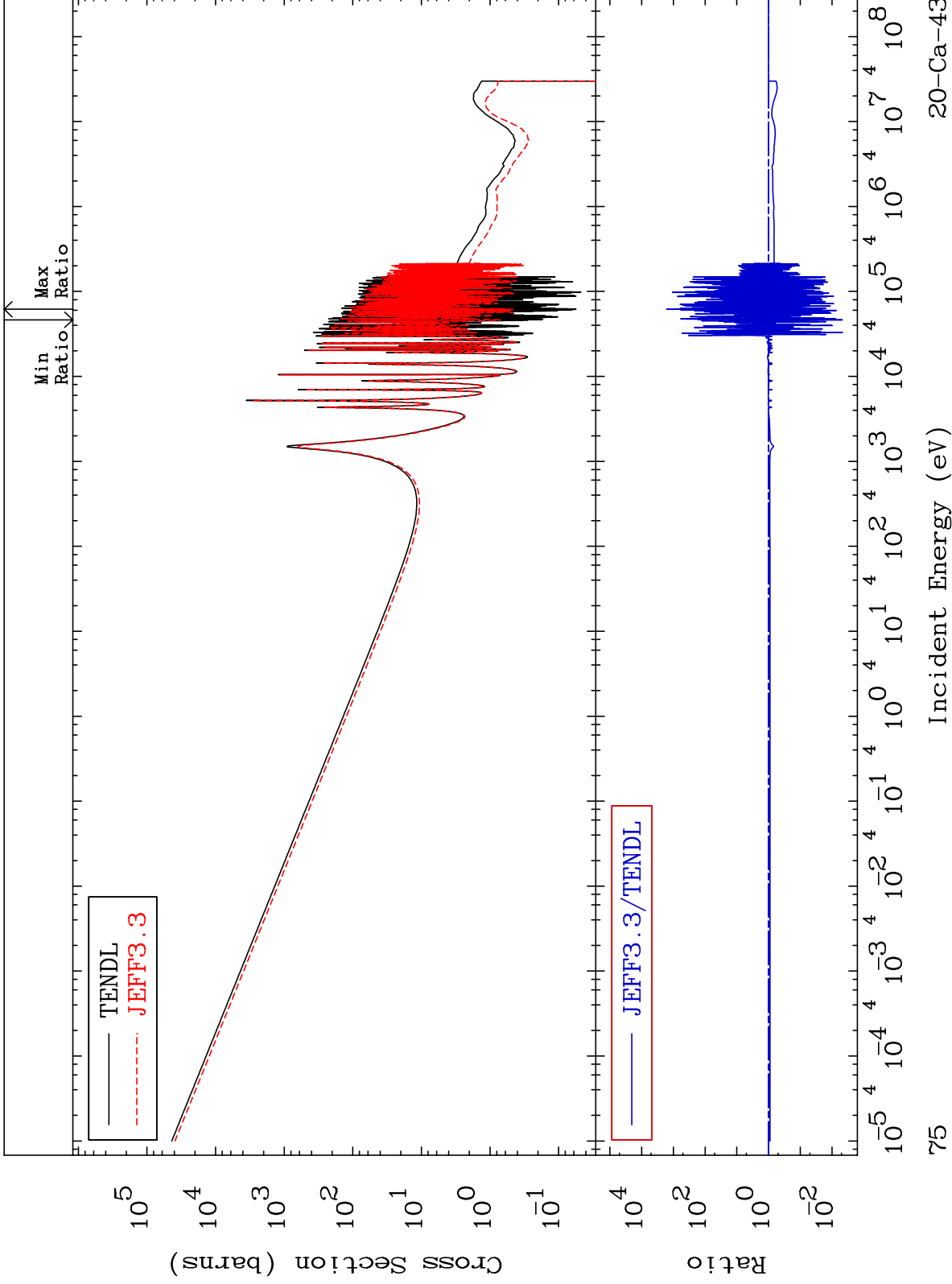
Incident Energy (eV)

20-Ca-43

MAT 2034

Kerma capture (mt102)
Cross Section

20-Ca-43
-99.53 To 9999. %

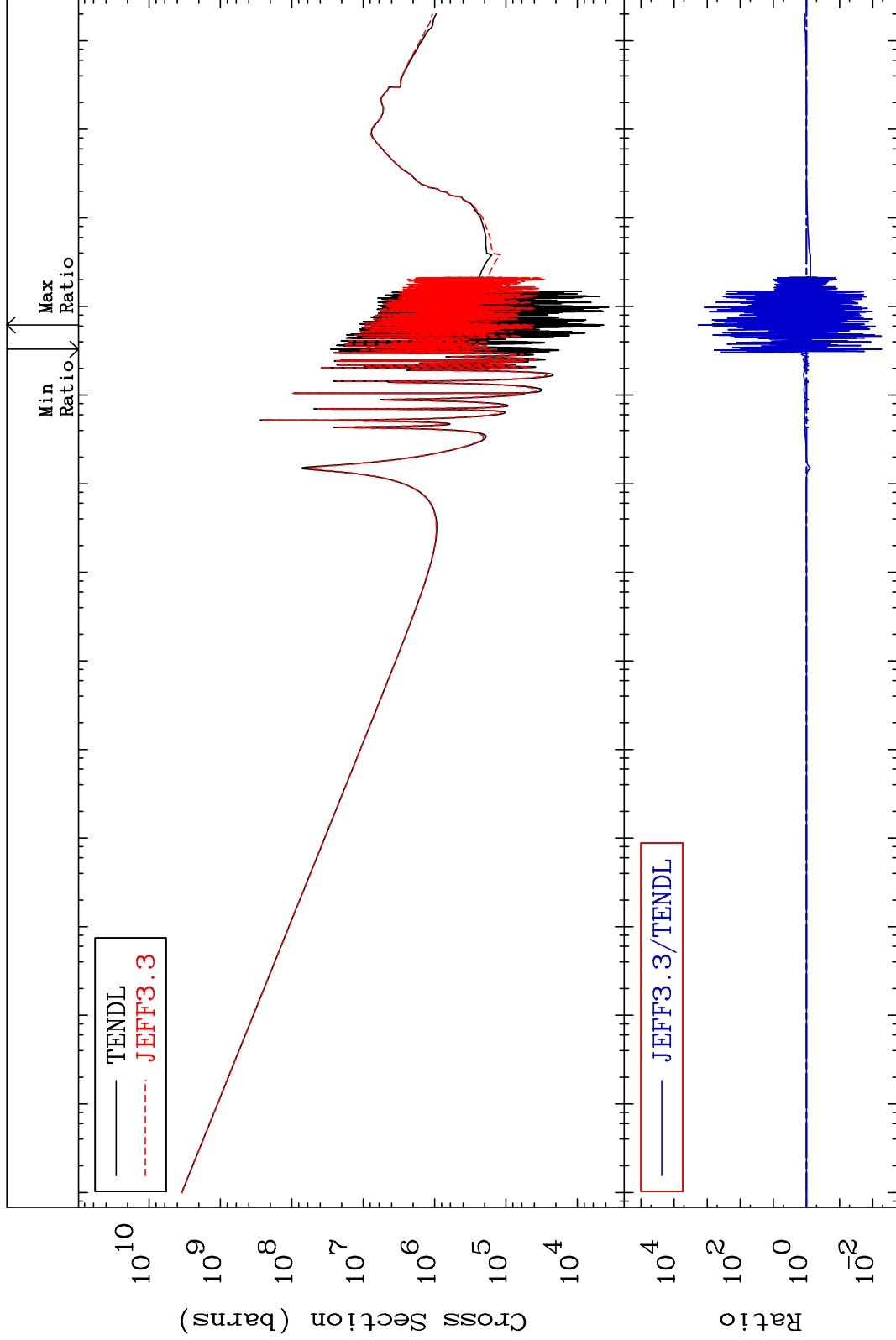


MAT 2034

Total photon (eV-barns)
Cross Section

20-Ca-43

-99.46 To 9999. %



76

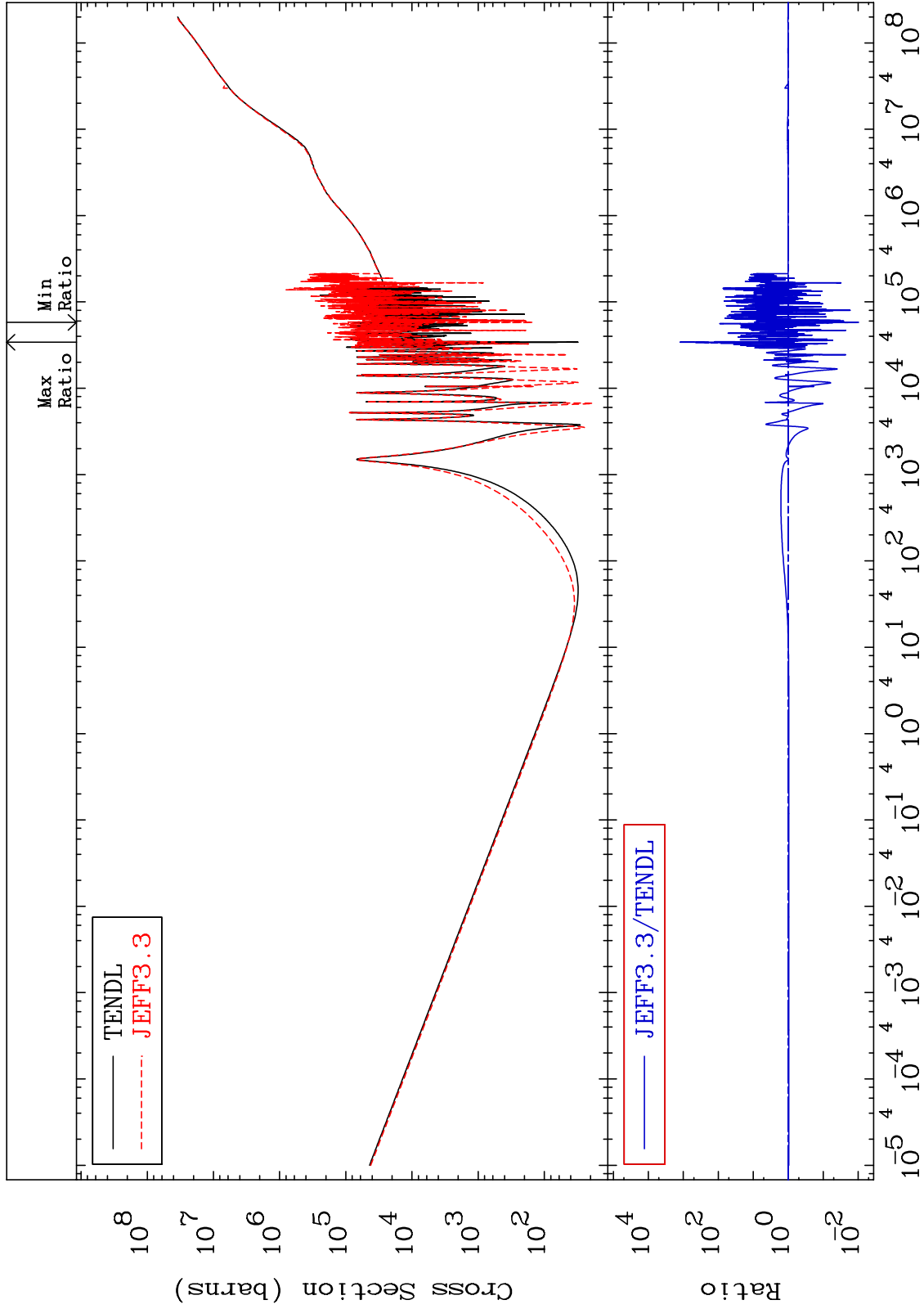
Incident Energy (eV)

20-Ca-43

MAT 2034

Total kinematic kerma (high limit)
Cross Section

20-Ca-43
-99.02 To 9999. %



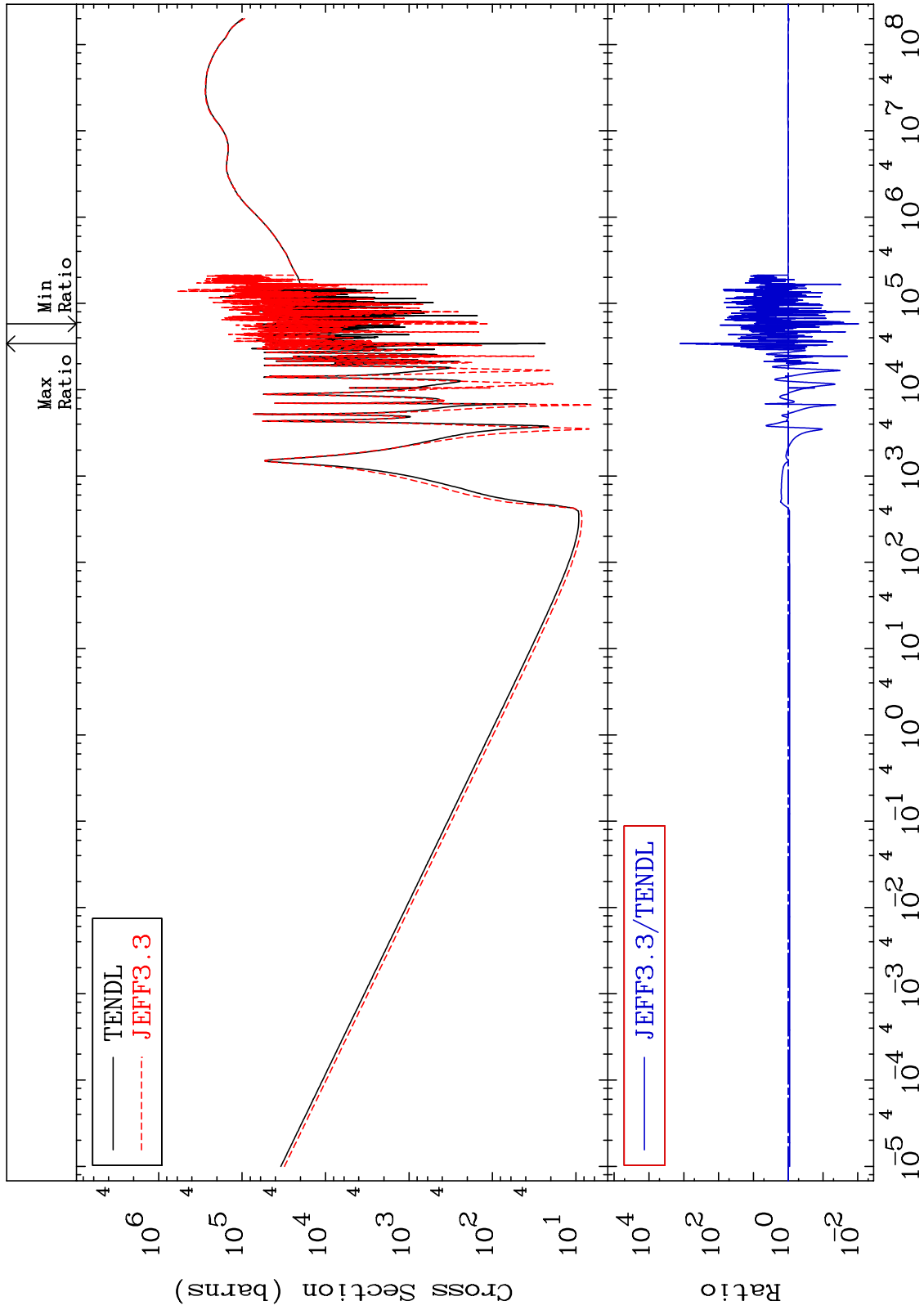
77

20-Ca-43

MAT 2034

Dpa total (eV-barns)
Cross Section

20-Ca-43
-99.04 To 9999. %



78

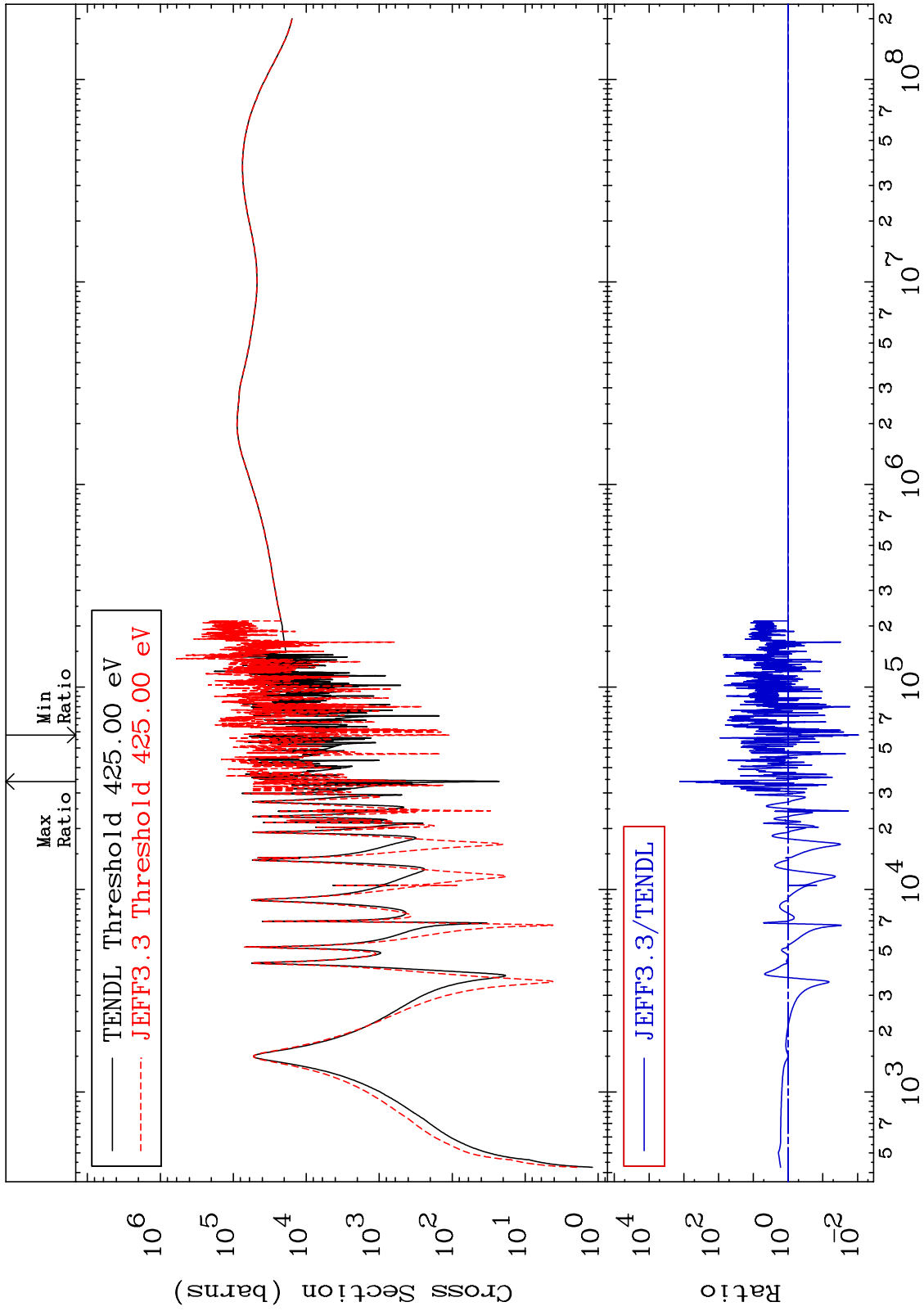
Incident Energy (eV)

20-Ca-43

MAT 2034

Dpa elastic (mt2)
Cross Section

20-Ca-43
-99.05 To 9999. %



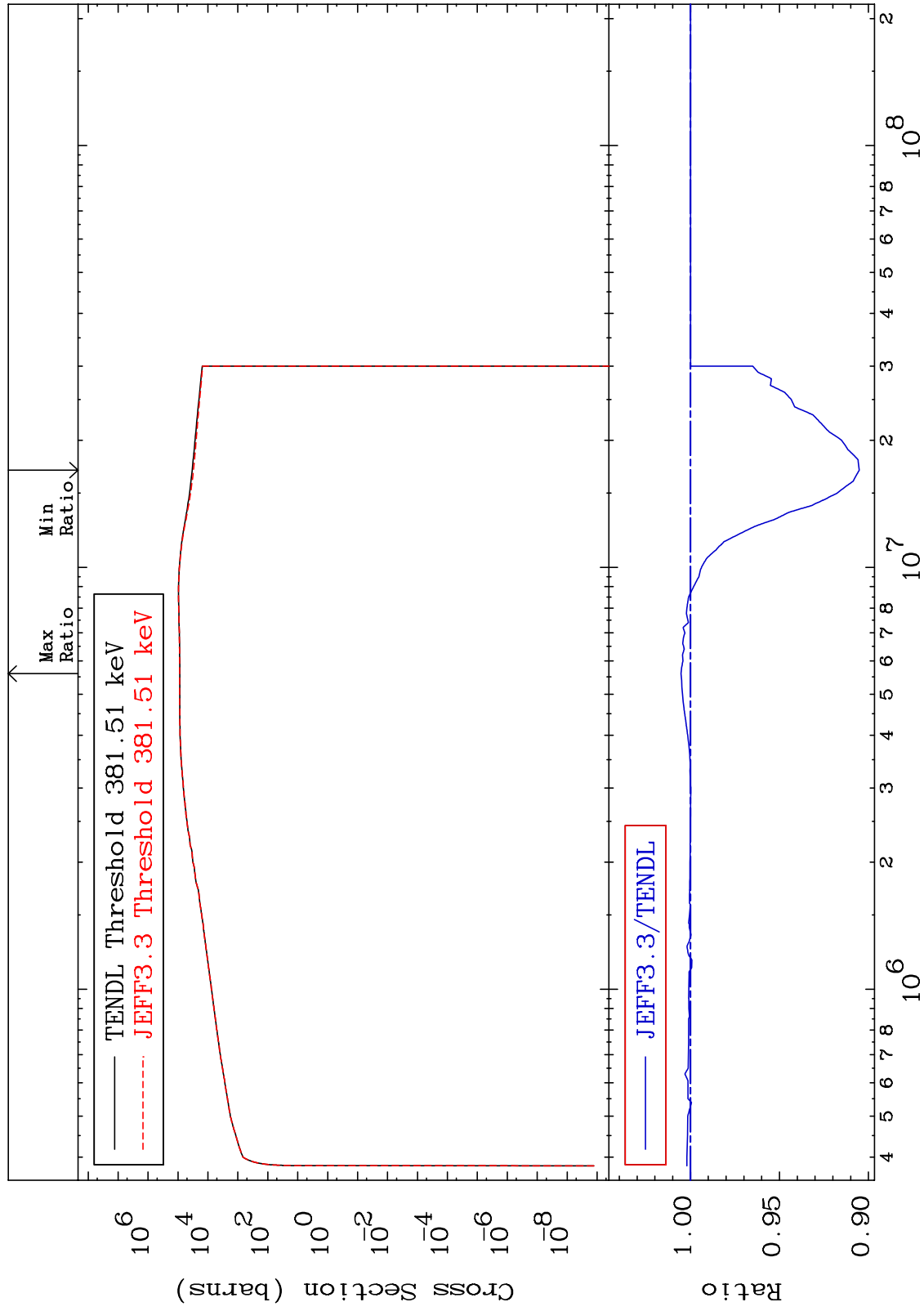
MAT 2034

Dpa inelastic (mt51-91)

20-Ca-43

-9.486 To 0.531 %

Cross Section



80

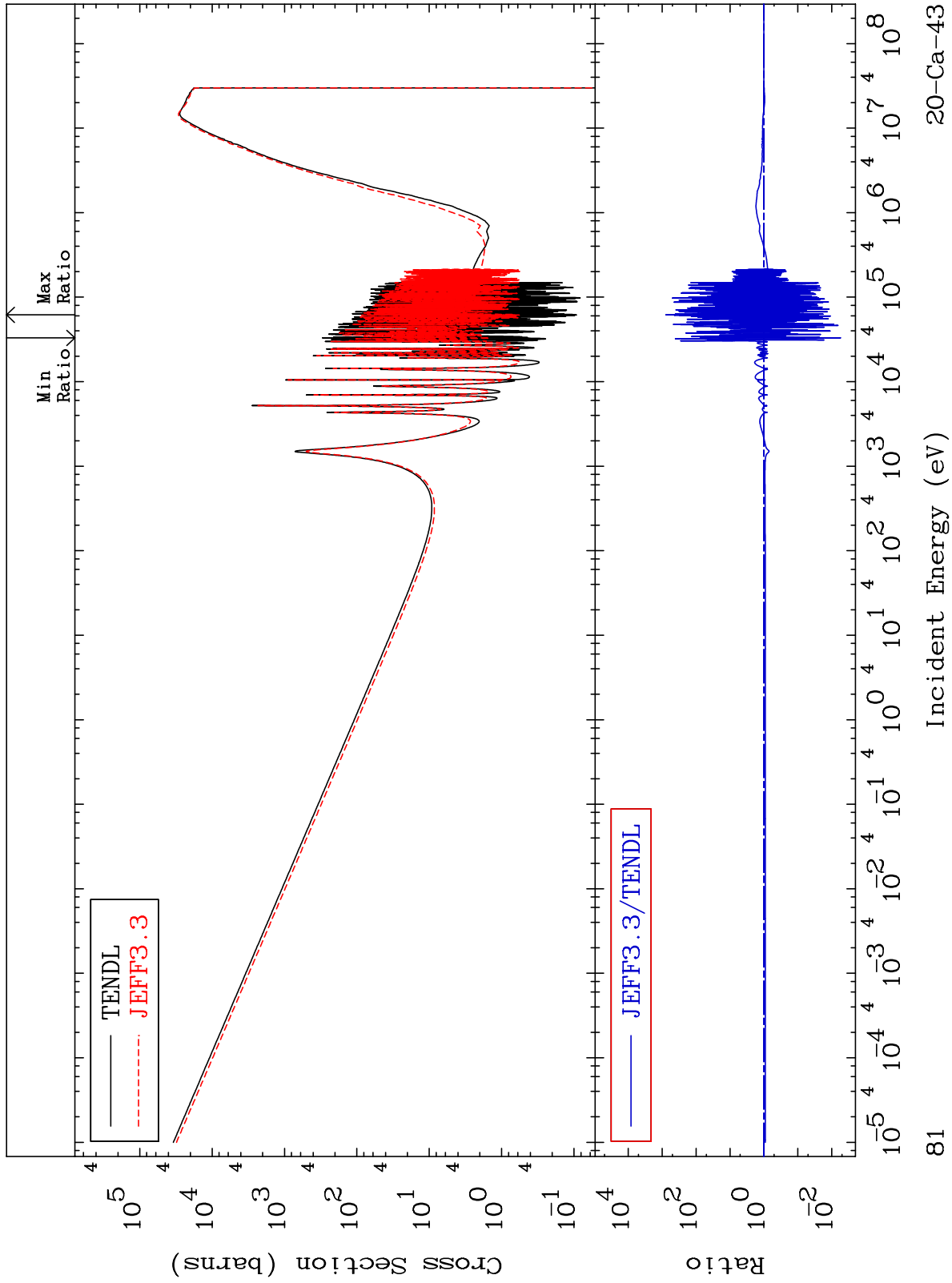
Incident Energy (eV)

20-Ca-43

MAT 2034

Dpa disappearance (mt102 -120)
Cross Section

20-Ca-43
-99.45 To 9999. %

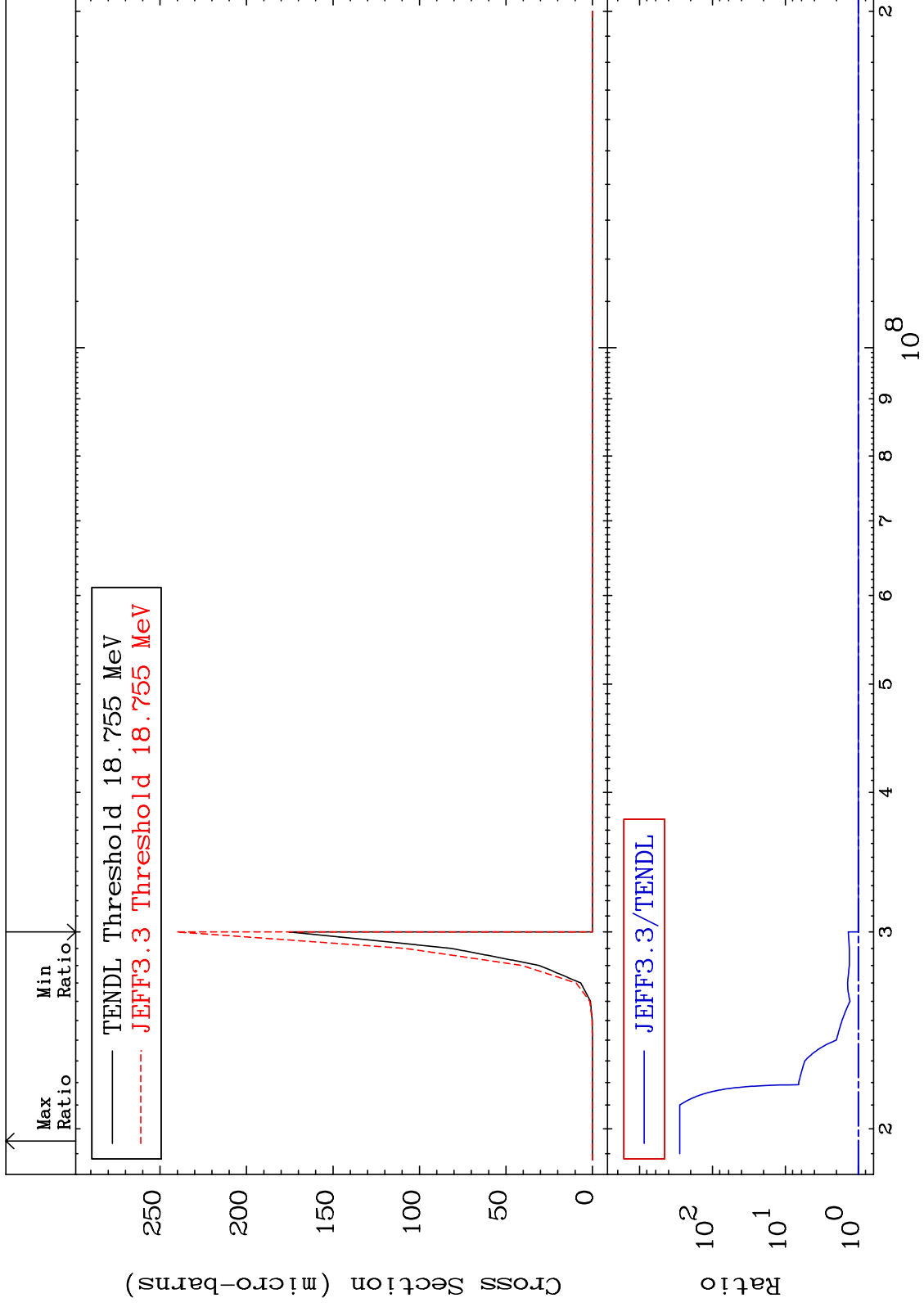


MAT 2034

(n, n') p α : 17-Cl-38g

20-Ca-43

Radionuclide Production Cross Section 0.000 To 9999. %

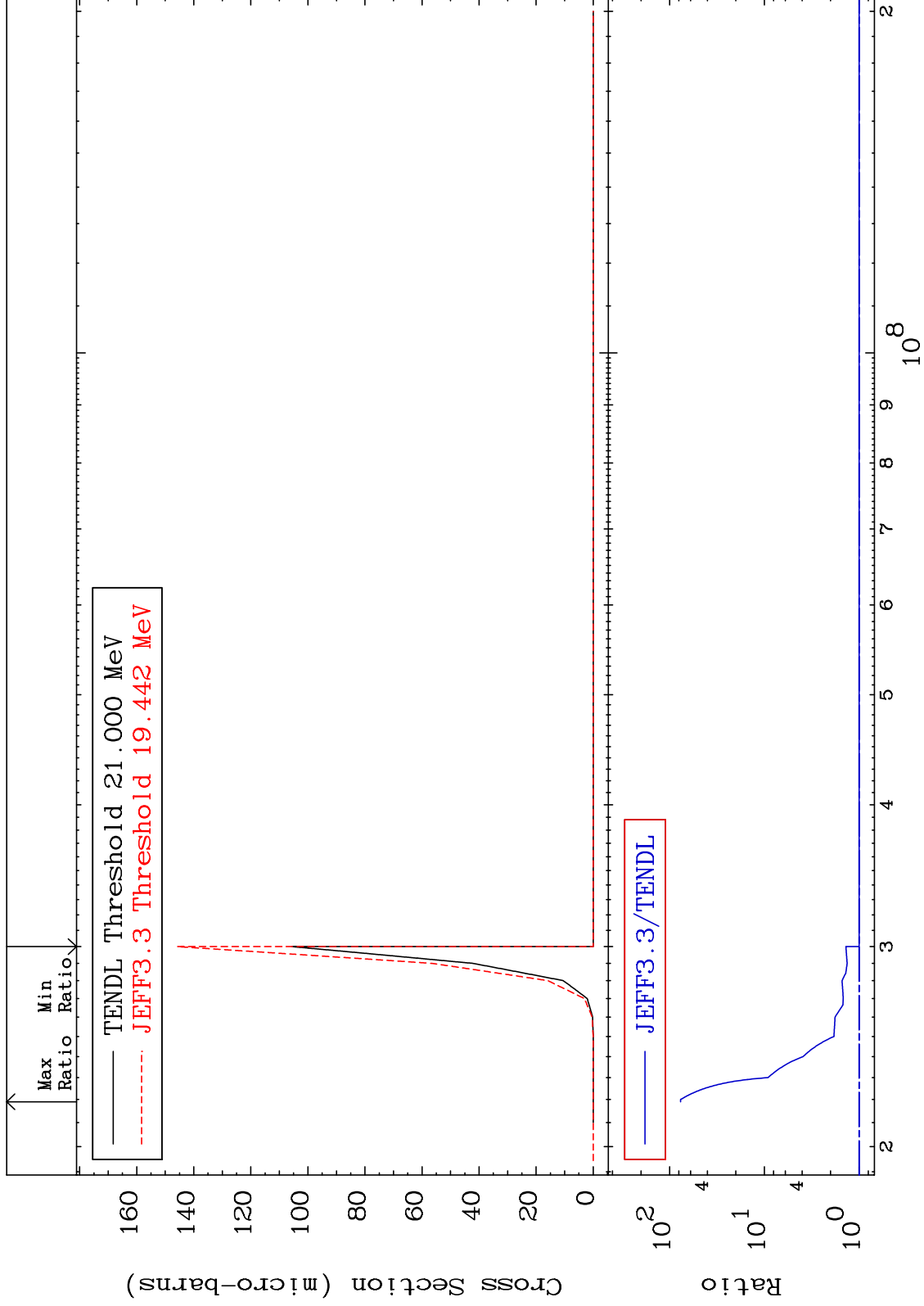


MAT 2034

(n, n') p α : 17-Cl-38m1

20-Ca-43

Radionuclide Production Cross Section 0.000 To 7547. %

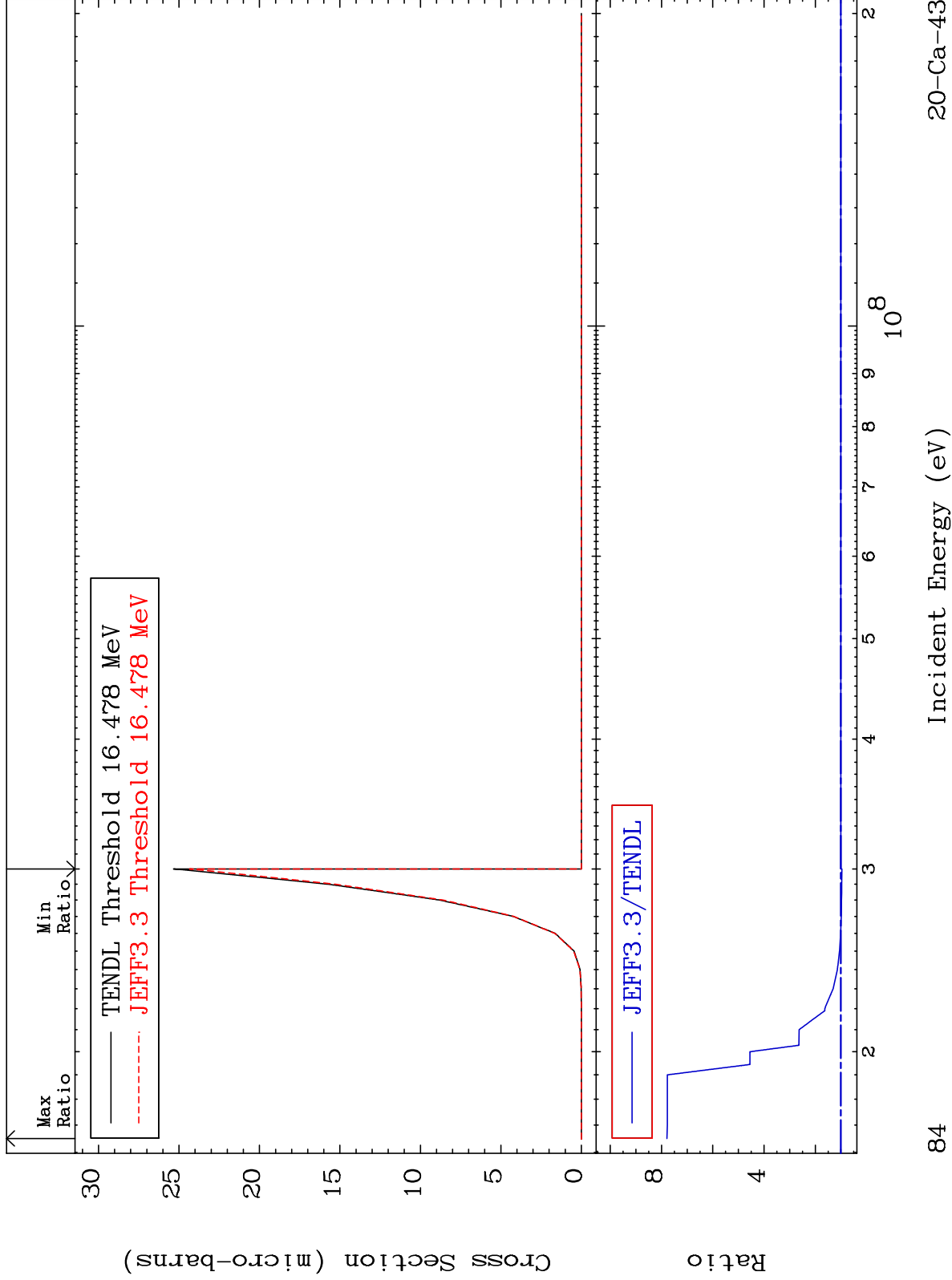


MAT 2034

(n,d) α :17-Cl-38g

20-Ca-43

Radionuclide Production Cross Section -3.953 To 678.7 %

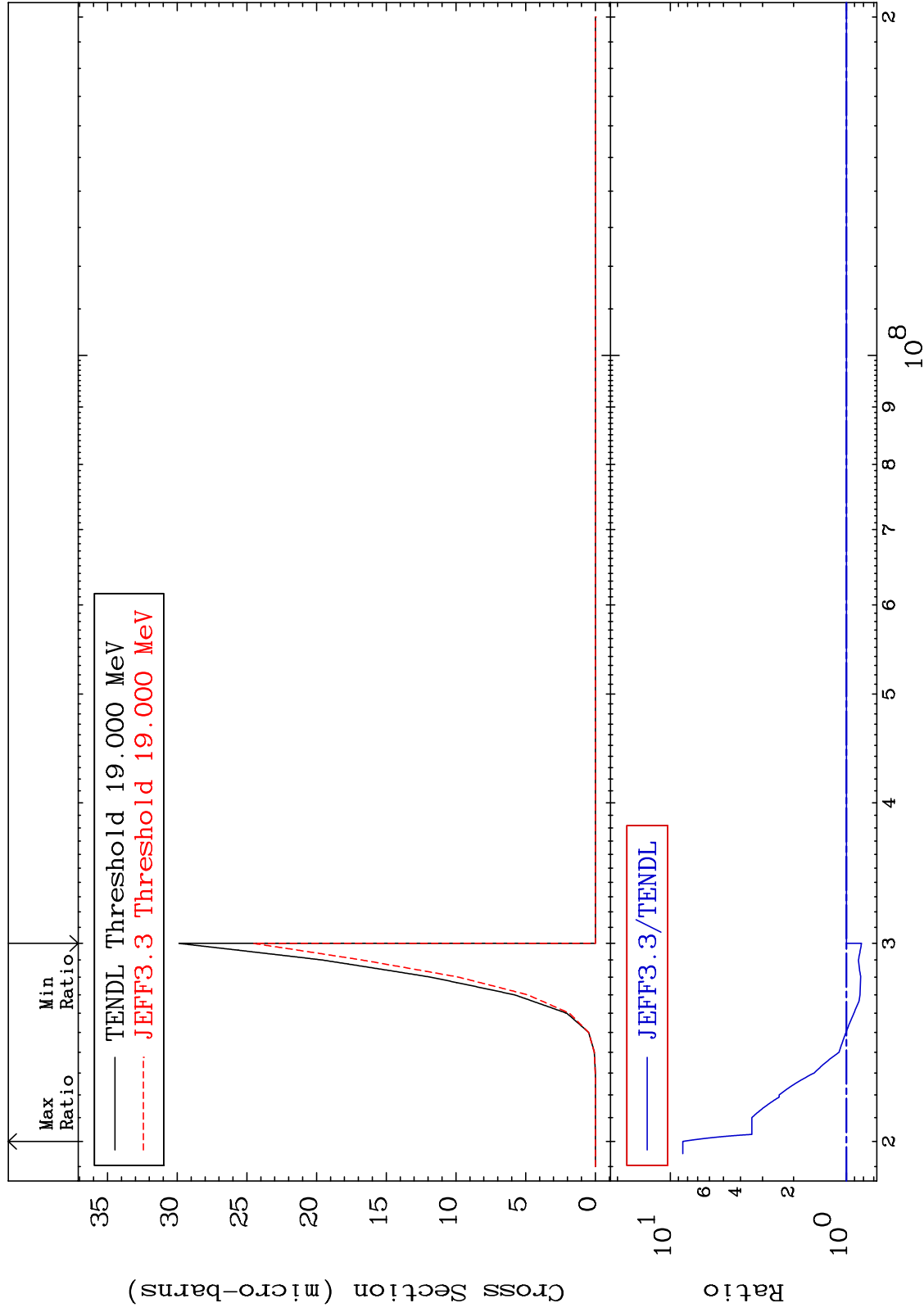


MAT 2034

(n, d) α : 17-Cl-38m1

20-Ca-43

Radionuclide Production Cross Section -17.88 To 750.0 %



85

Incident Energy (eV)

20-Ca-43