

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

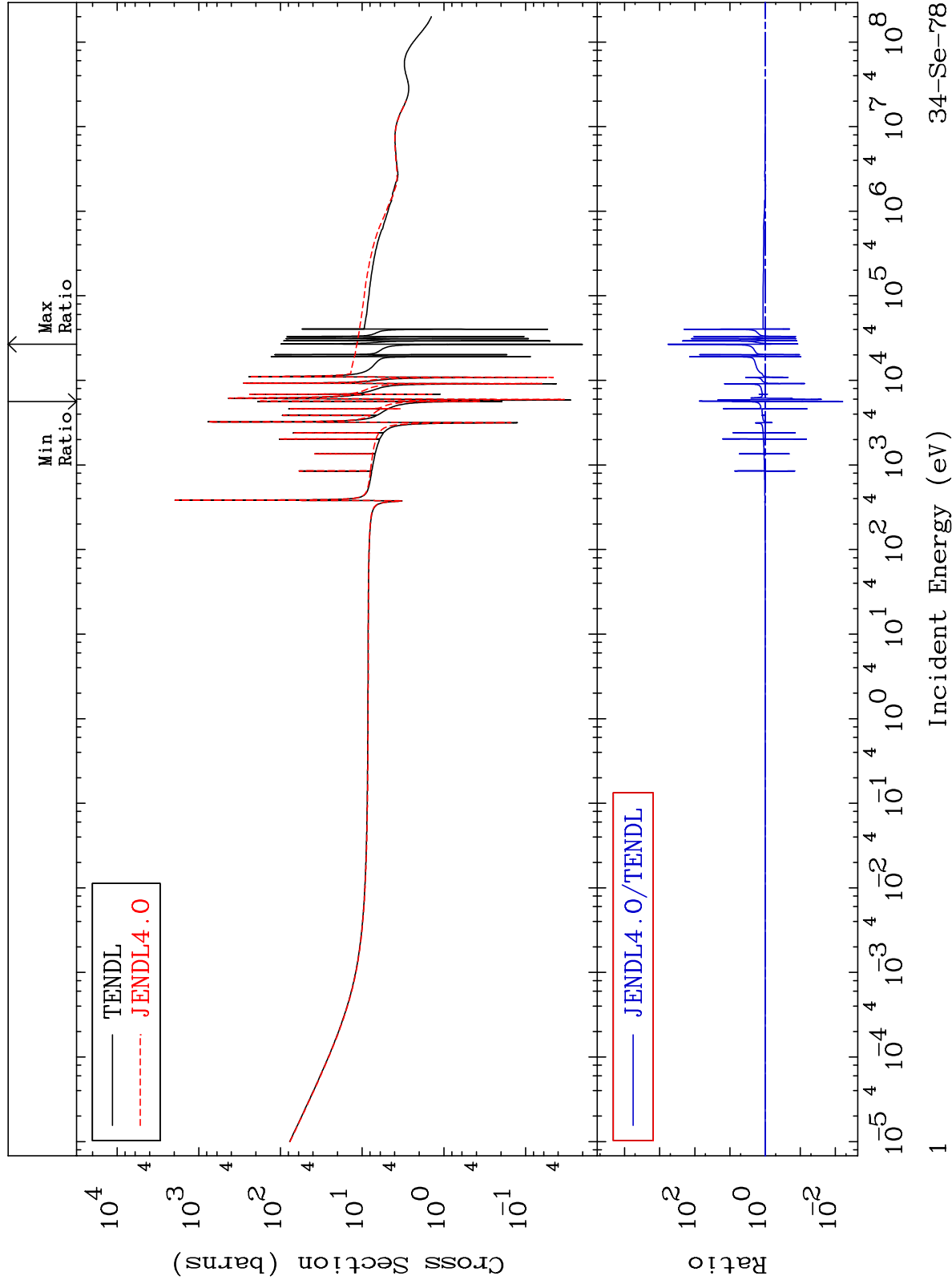
MAT 3437

Total

34-Se-78

Cross Section

-99.39 To 9999. %



Incident Energy (eV)

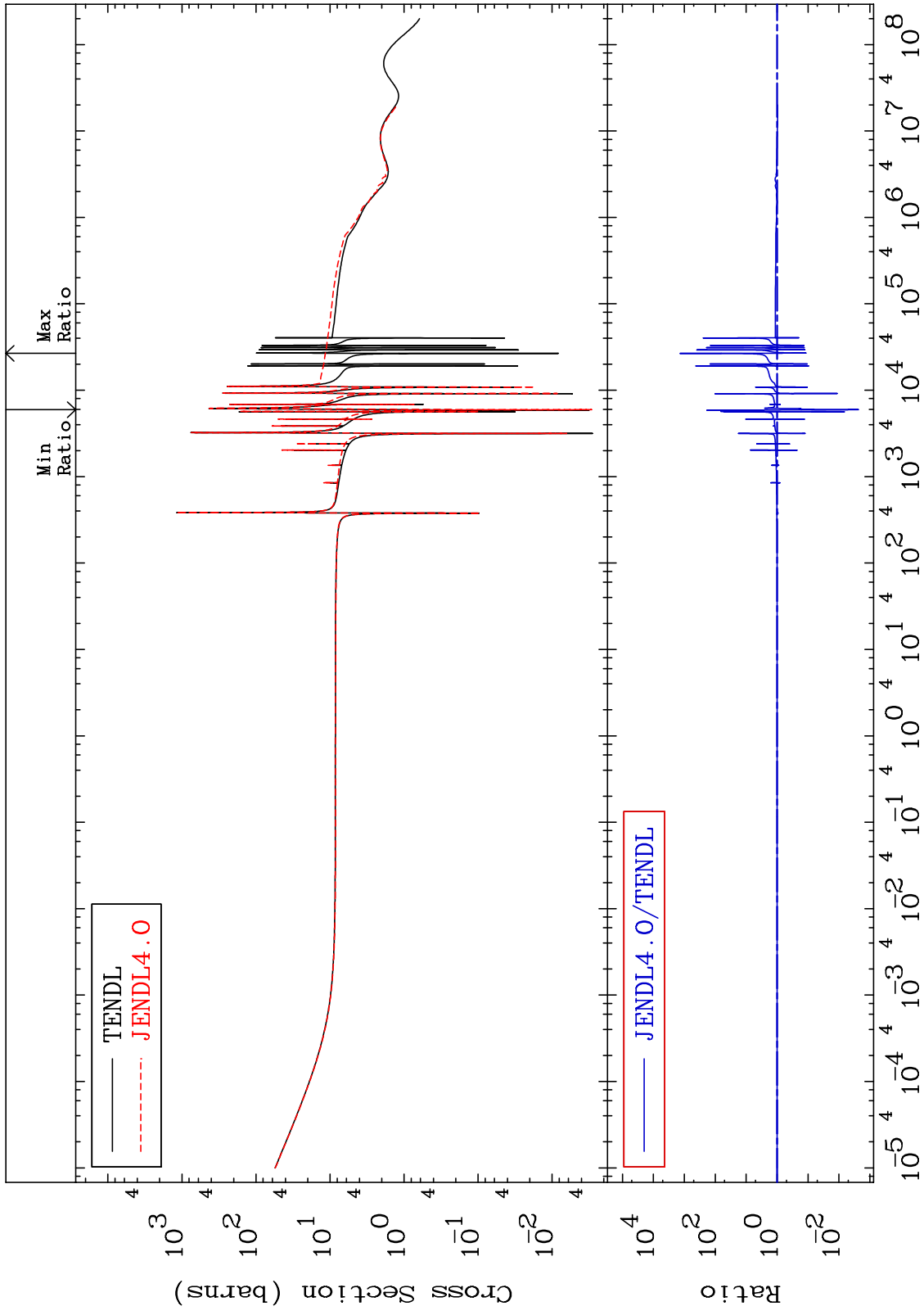
34-Se-78

1

MAT 3437

Elastic
Cross Section

34-Se-78
-99.76 To 9999. %



Incident Energy (eV)

34-Se-78

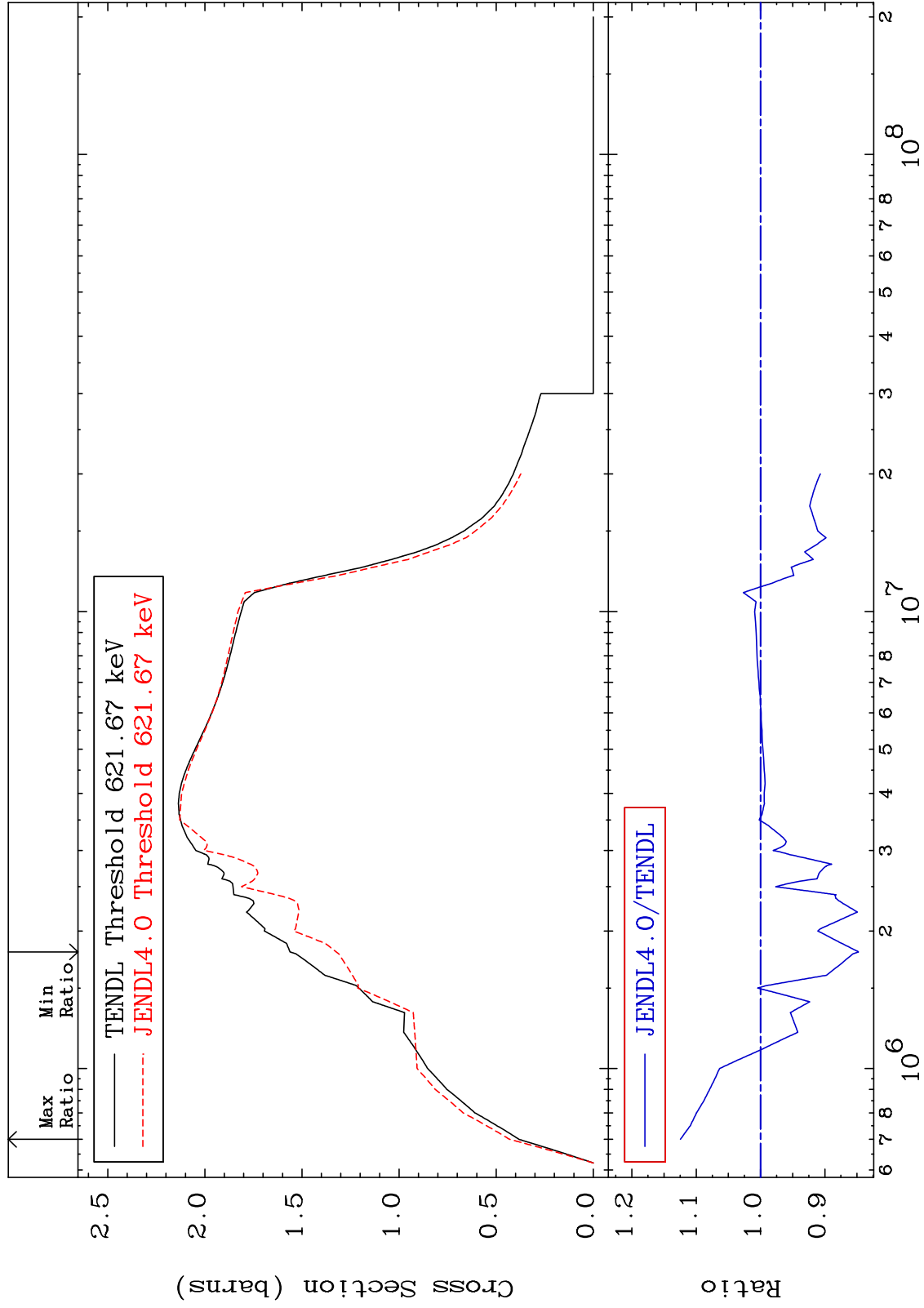
MAT 3437

Inelastic

³⁴Se-78

Cross Section

-15.24 To 12.45 %



3

Incident Energy (eV)

³⁴Se-78

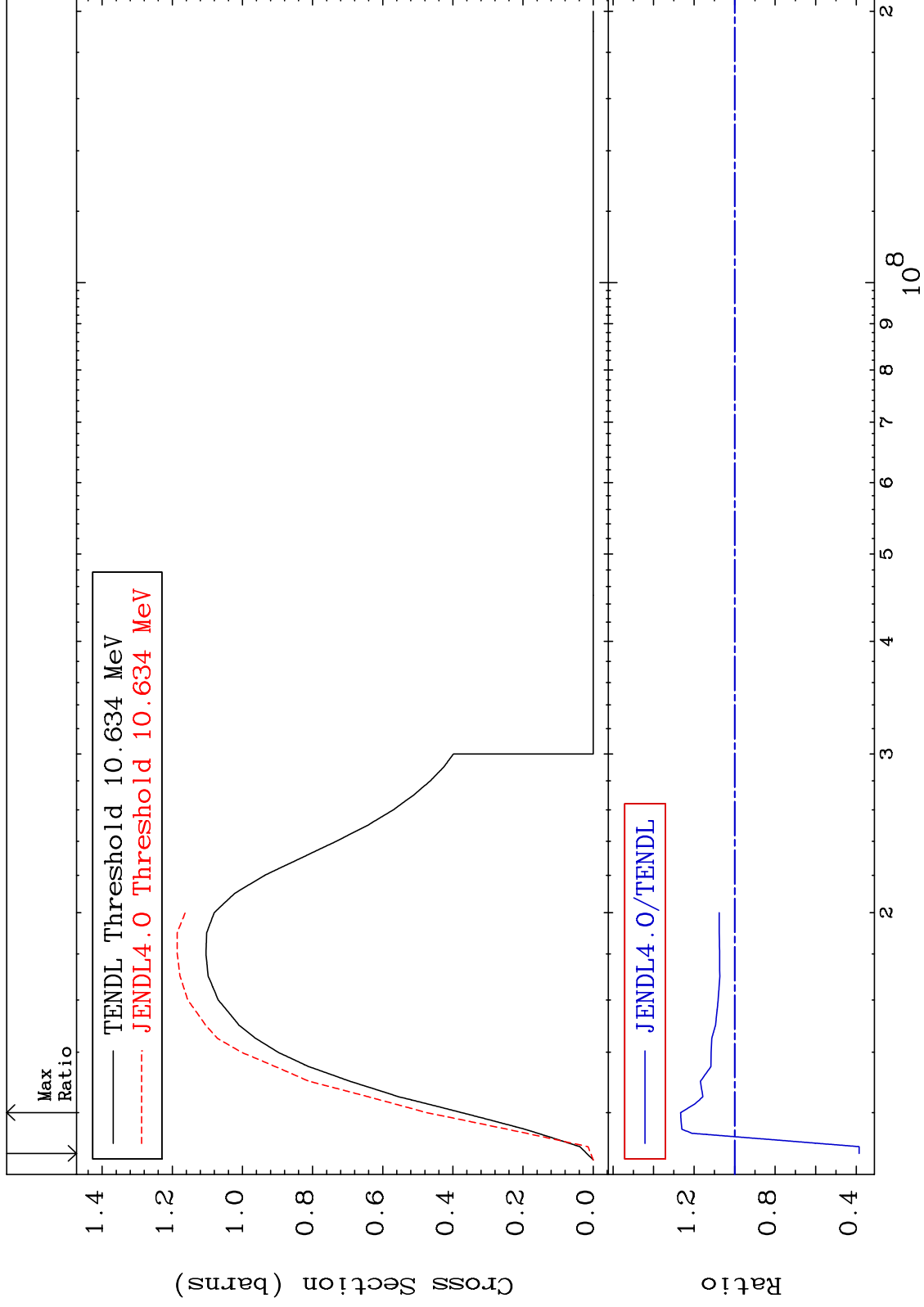
MAT 3437

(n,2n)

³⁴Se-78

Cross Section

-61.45 To 26.65 %



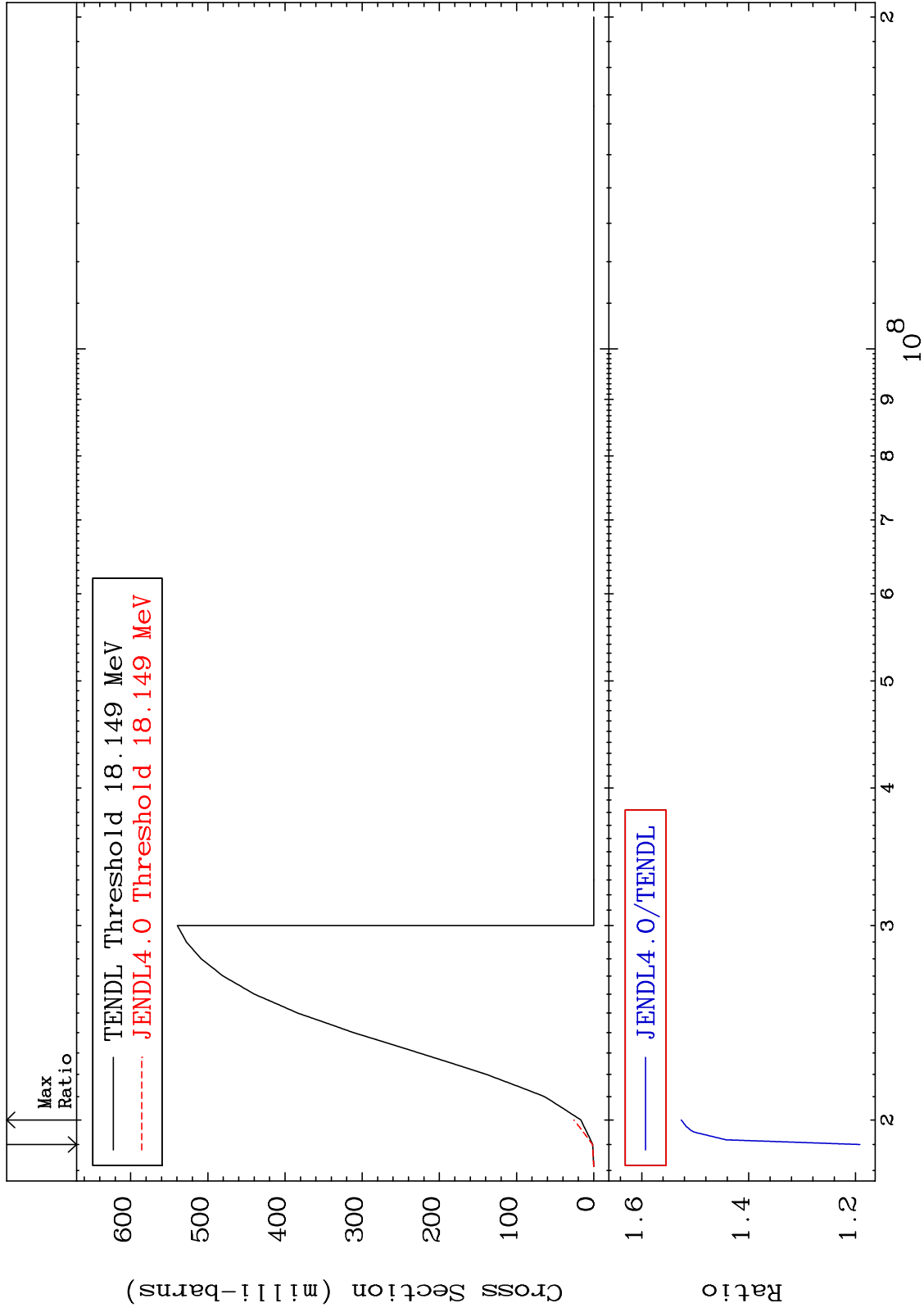
MAT 3437

(n,3n)

³⁴Se-78

Cross Section

19.19 To 52.61 %



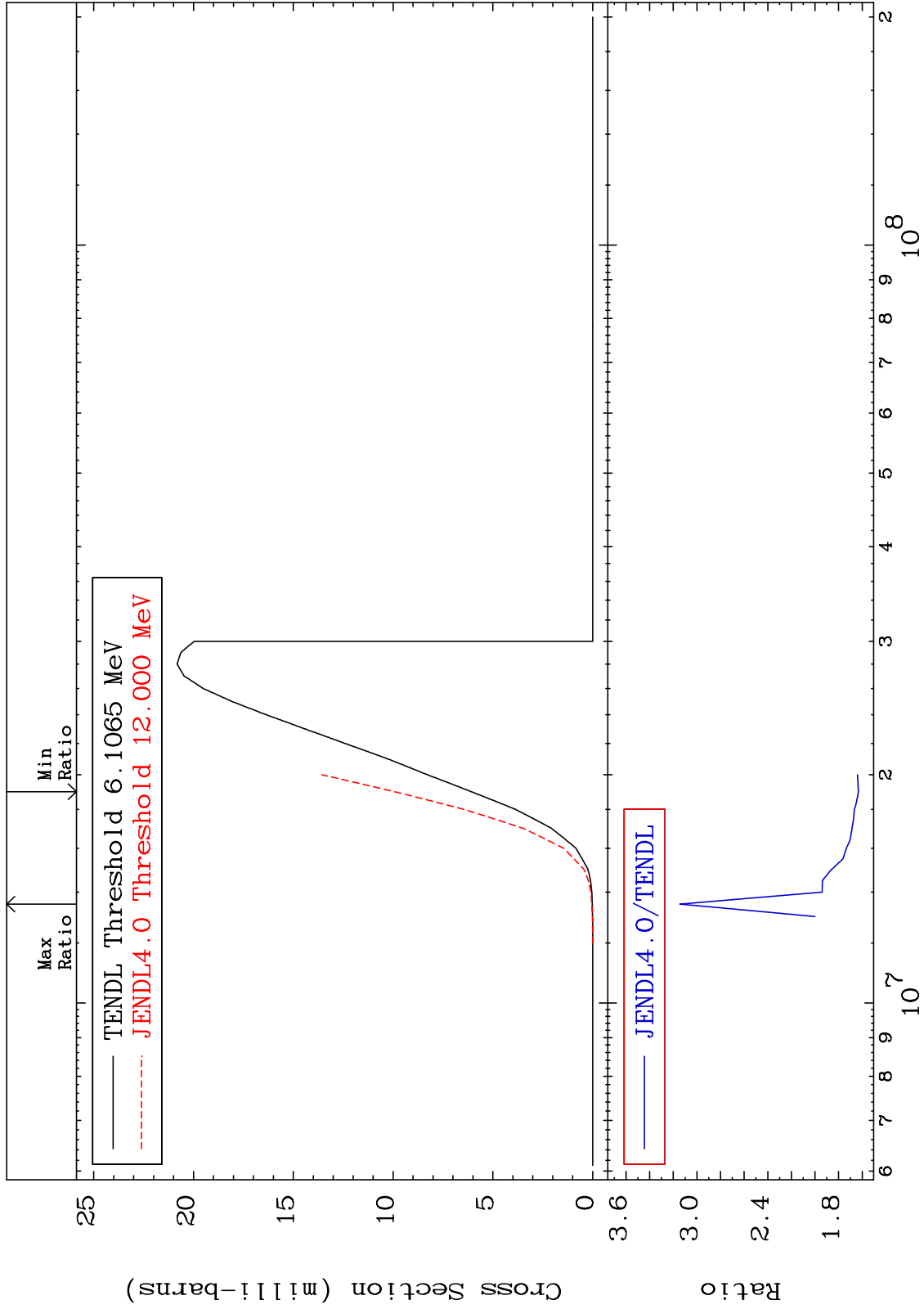
MAT 3437

(n, n') α

34-Se-78

Cross Section

63.21 To 214.3 %



6

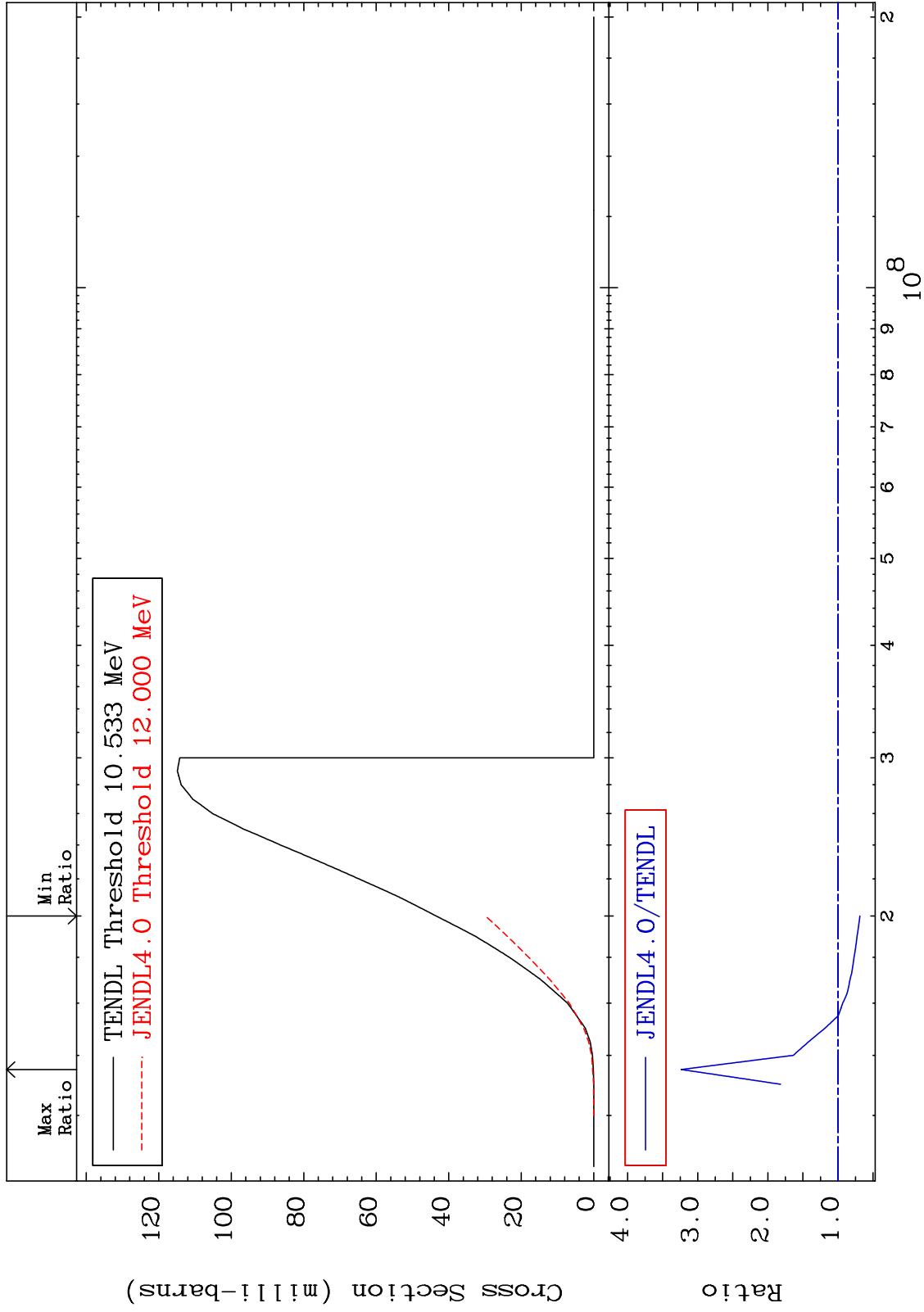
Incident Energy (eV)

34-Se-78

MAT 3437

(n,n') p
Cross Section

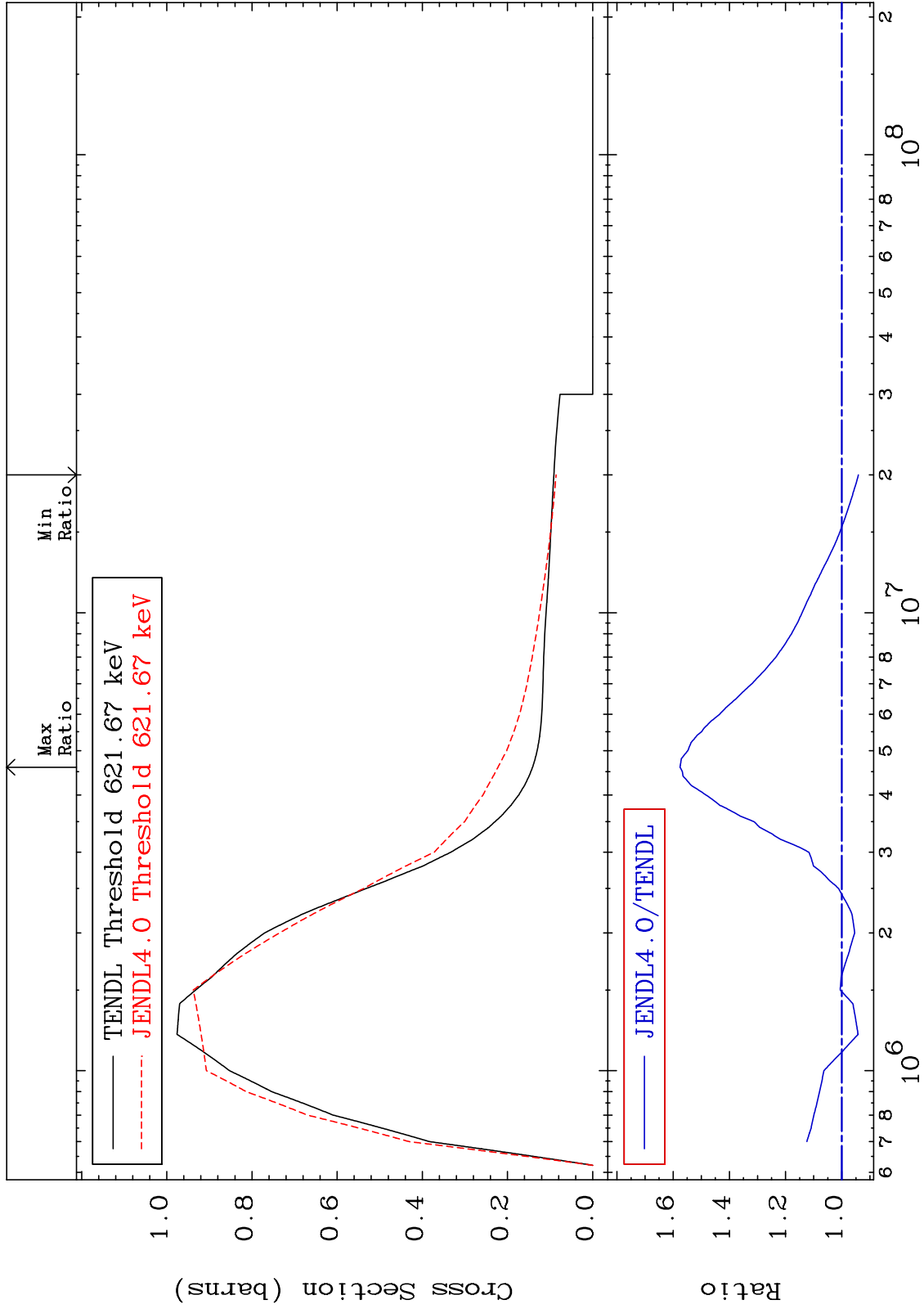
34-Se-78
-31.26 To 223.6 %



MAT 3437

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

34-Se-78
-5.904 To 57.56 %



8

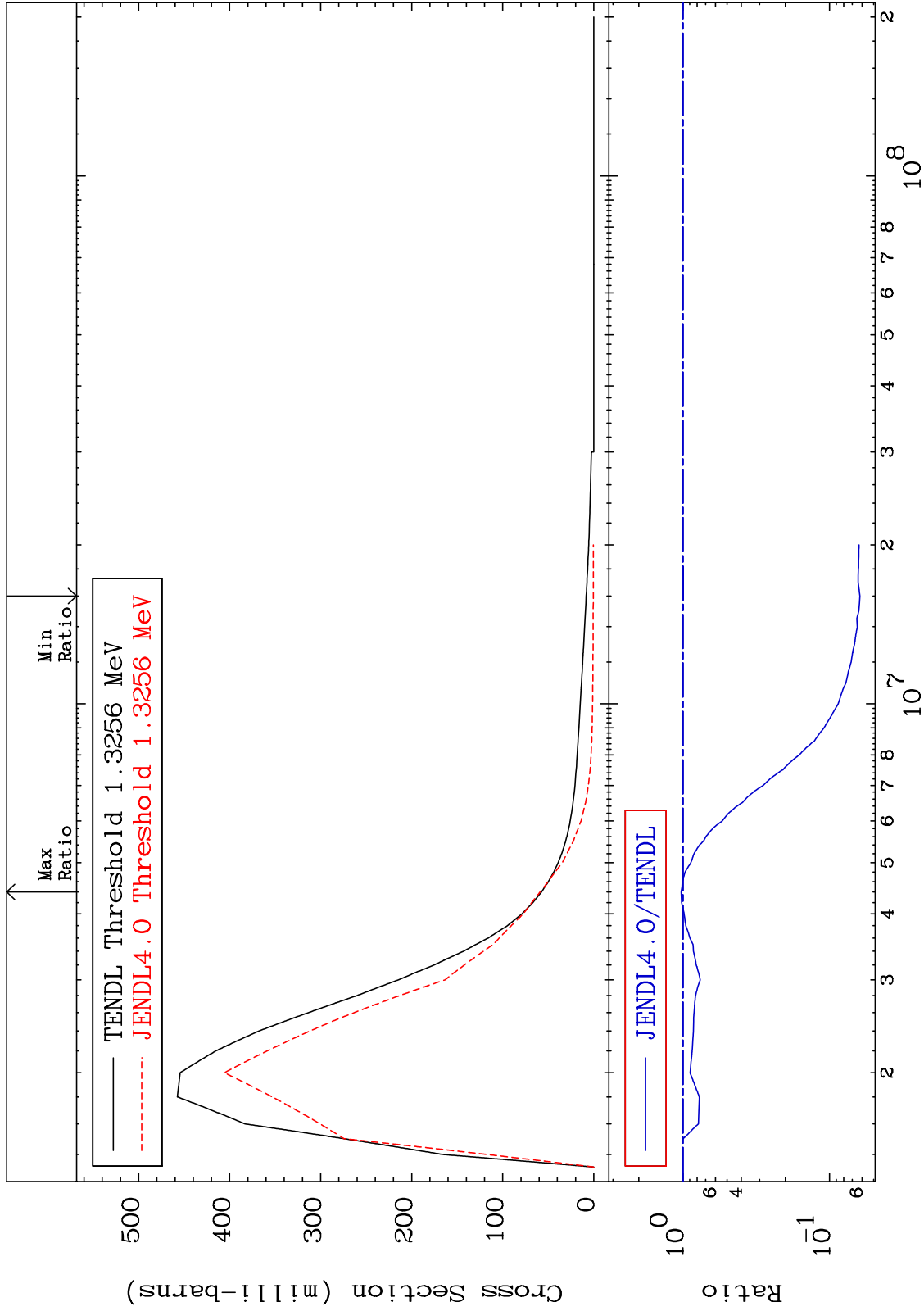
Incident Energy (eV)

34-Se-78

MAT 3437

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

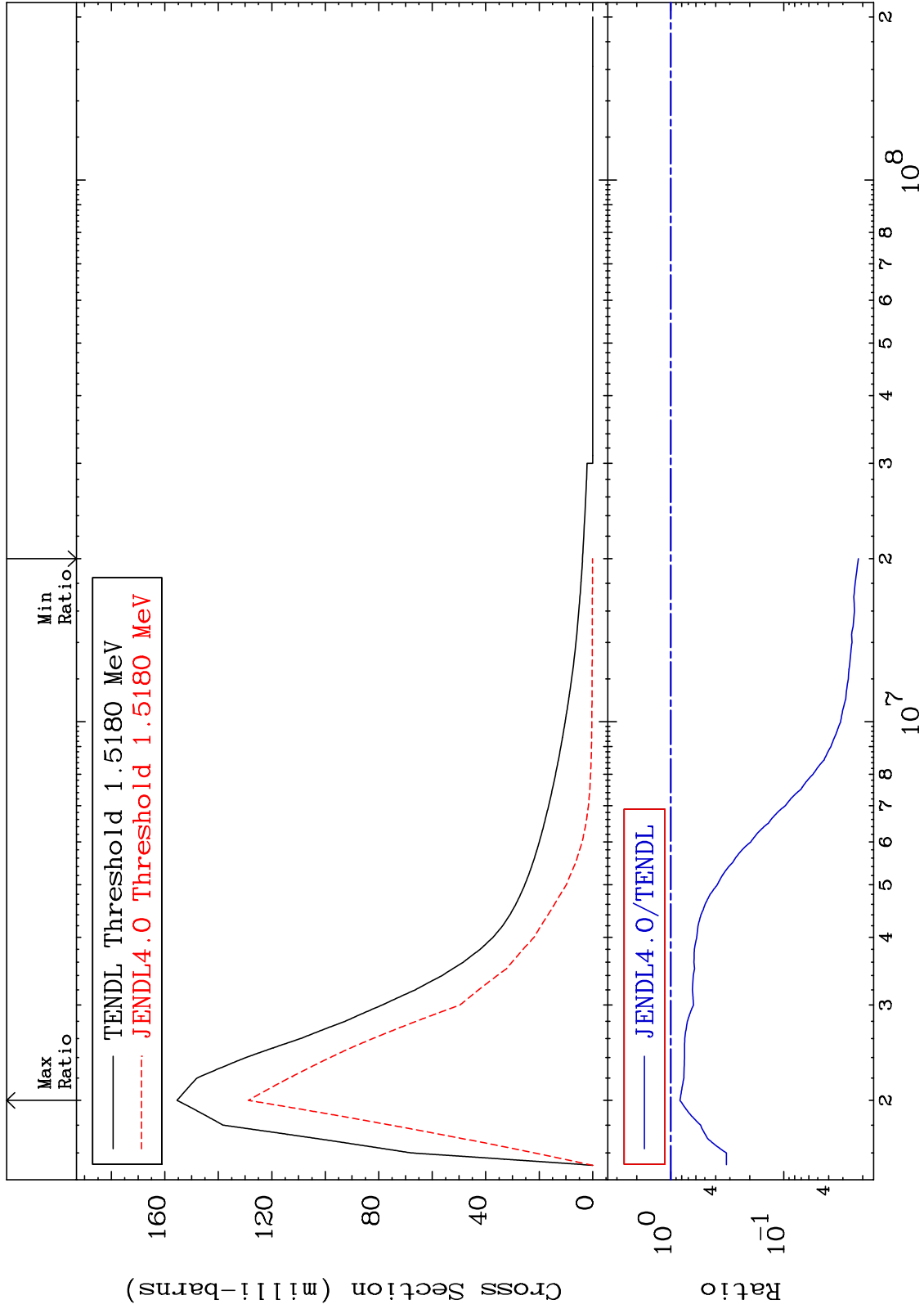
34-Se-78
-93.80 To 2.620 %



MAT 3437

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

34-Se-78
-97.81 To -17.14%



10

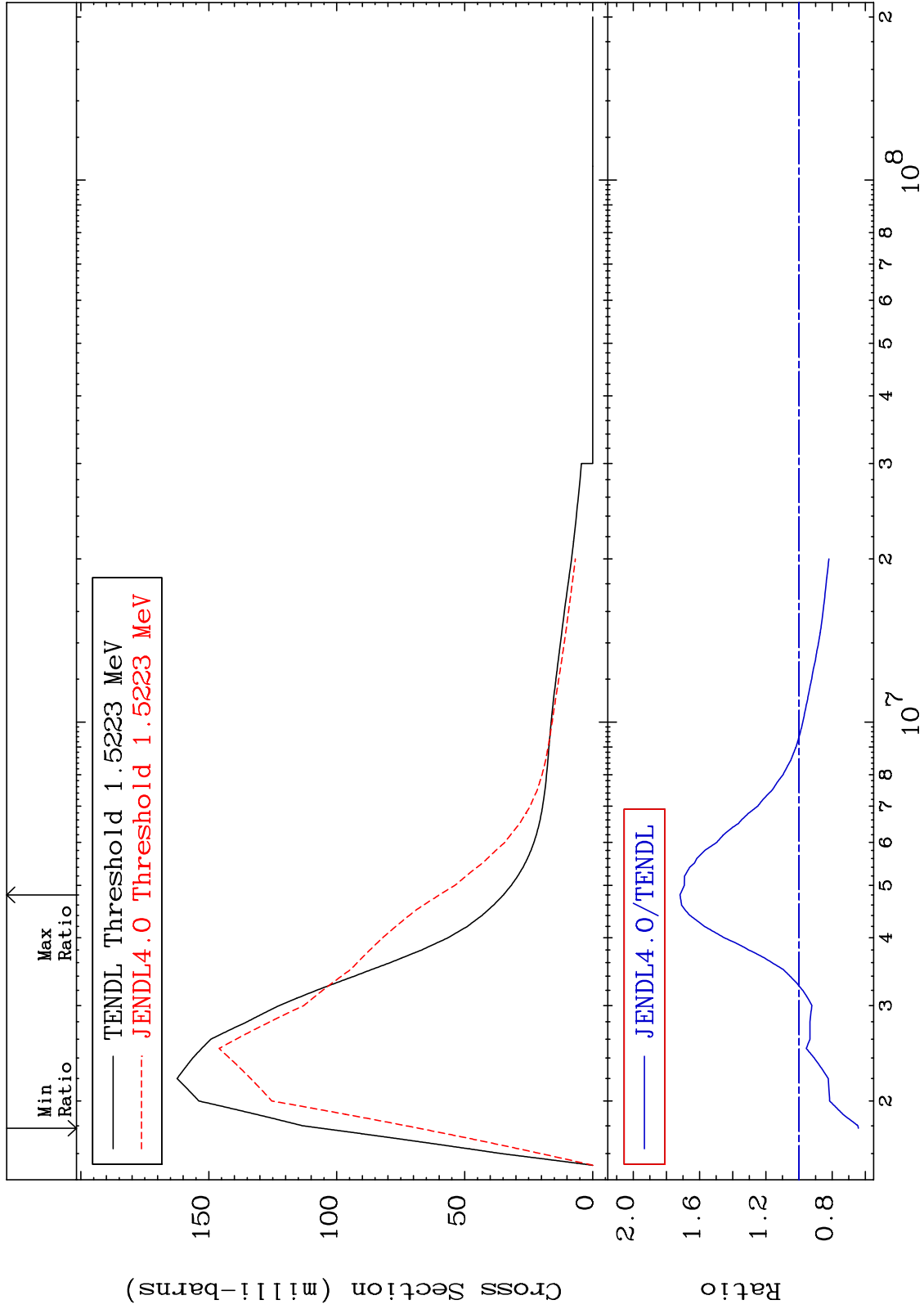
Incident Energy (eV)

34-Se-78

MAT 3437

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

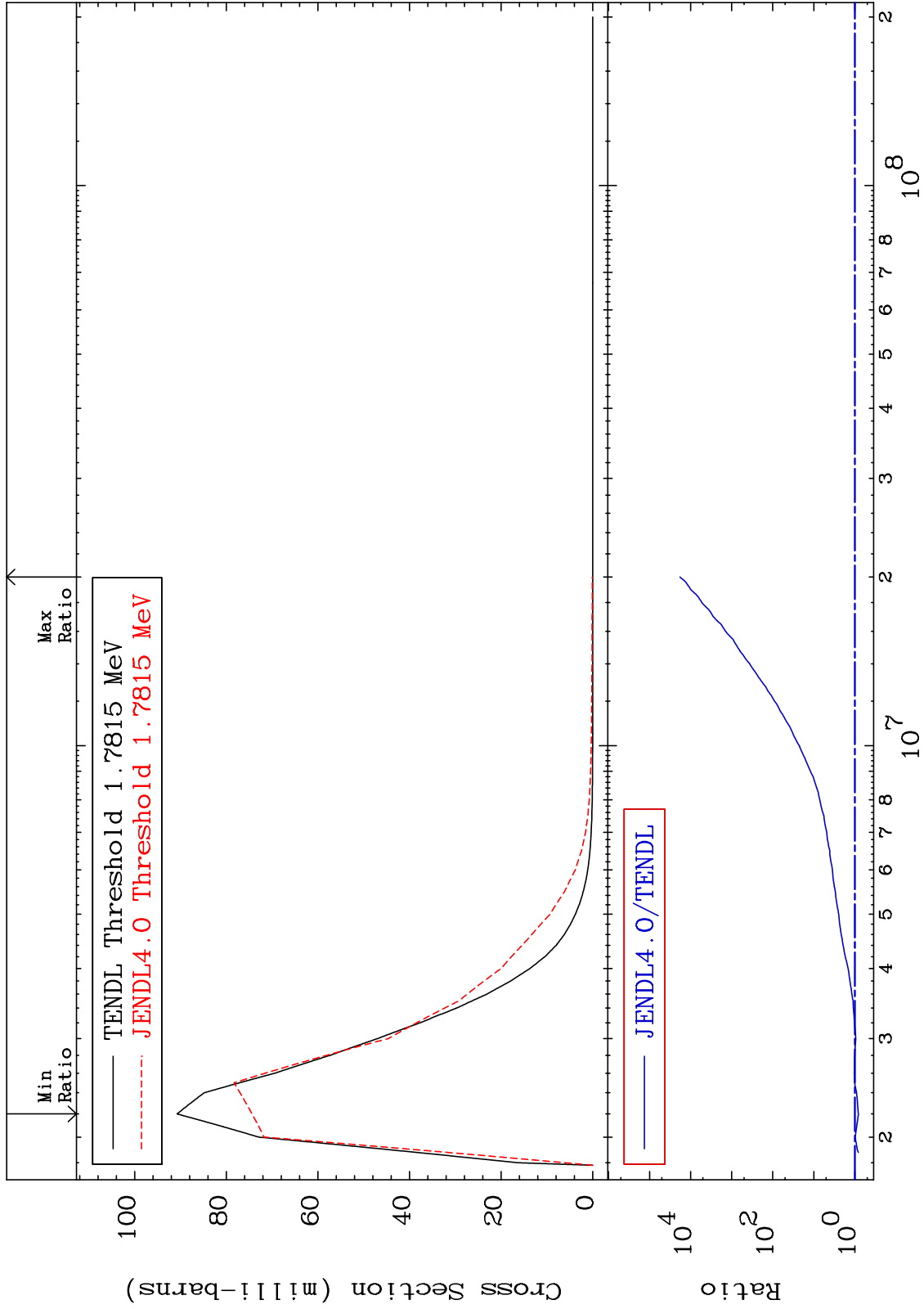
34-Se-78
-35.87 To 71.76 %



MAT 3437

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

34-Se-78
-18.05 To 9999. %



12

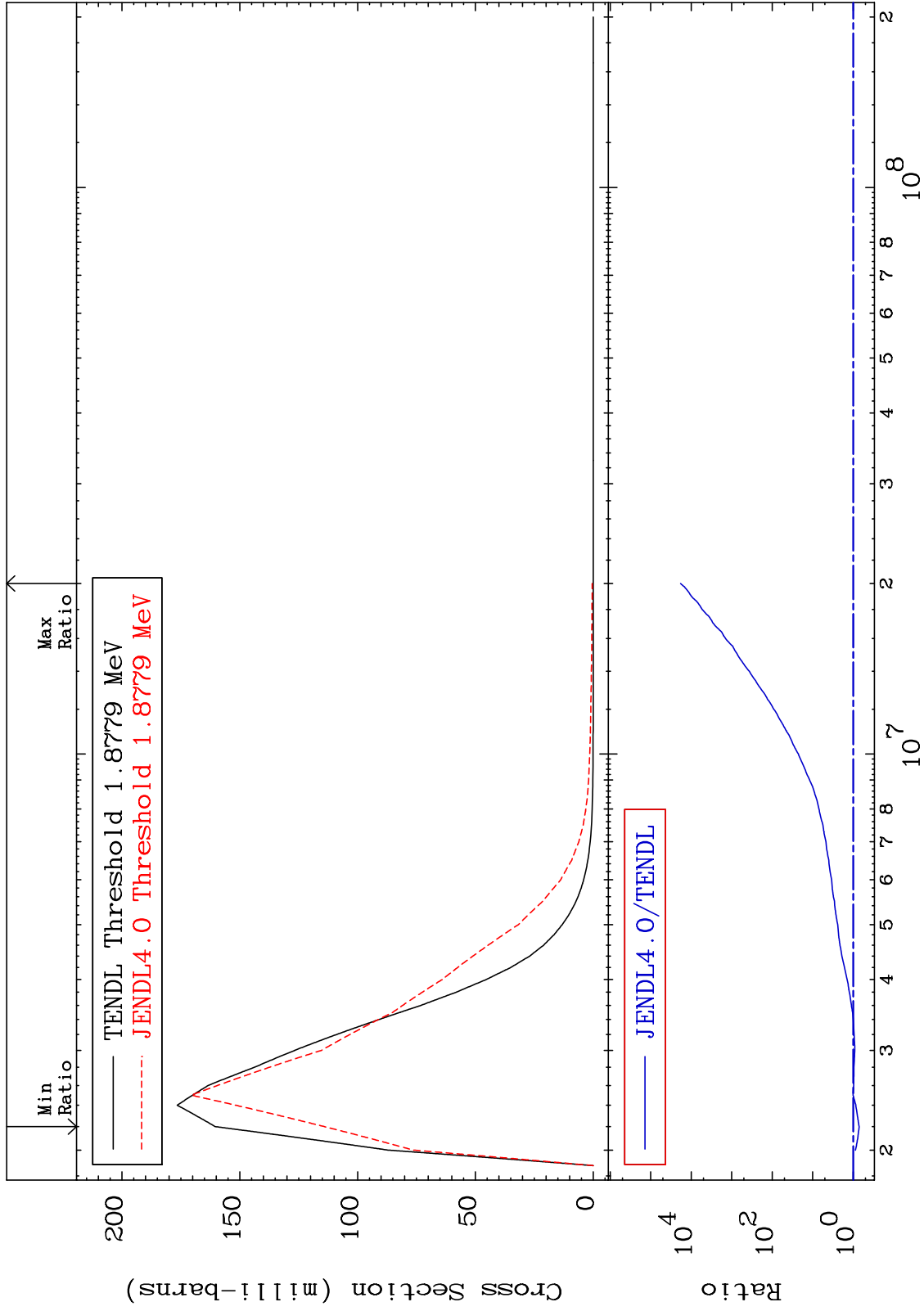
Incident Energy (eV)

34-Se-78

MAT 3437

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

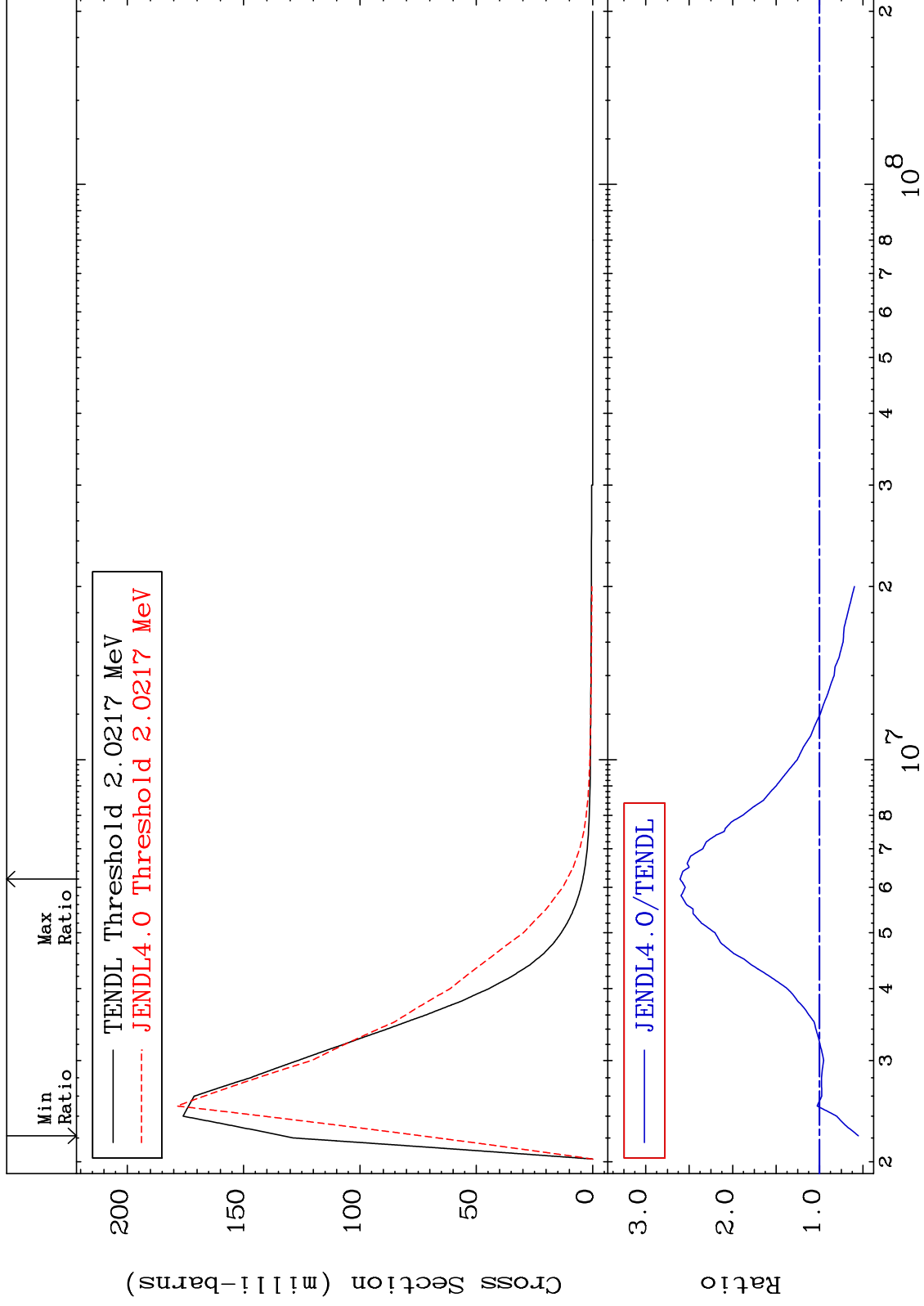
34-Se-78
-28.88 To 9999. %



MAT 3437

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

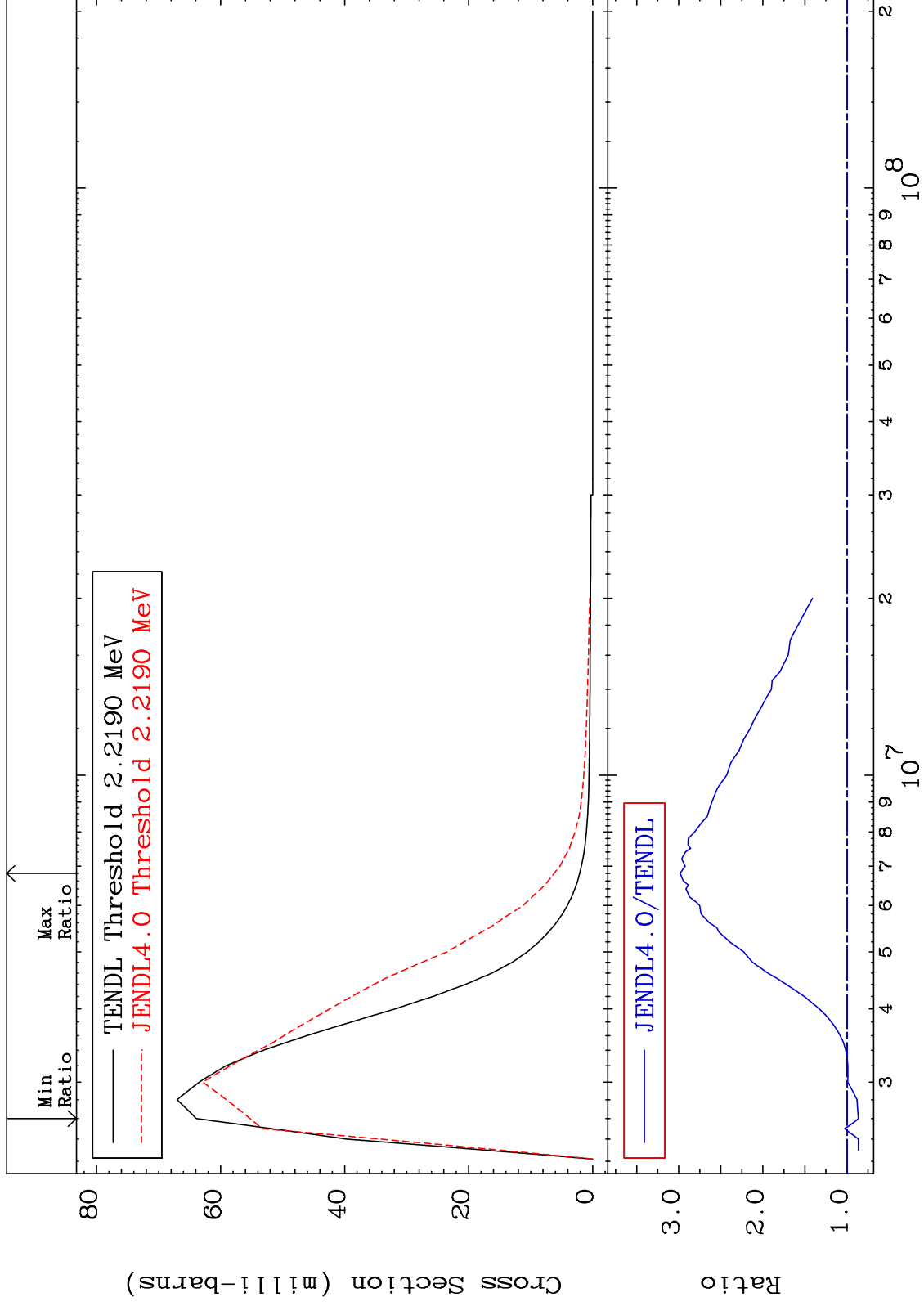
34-Se-78
-44.67 To 160.5 %



MAT 3437

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

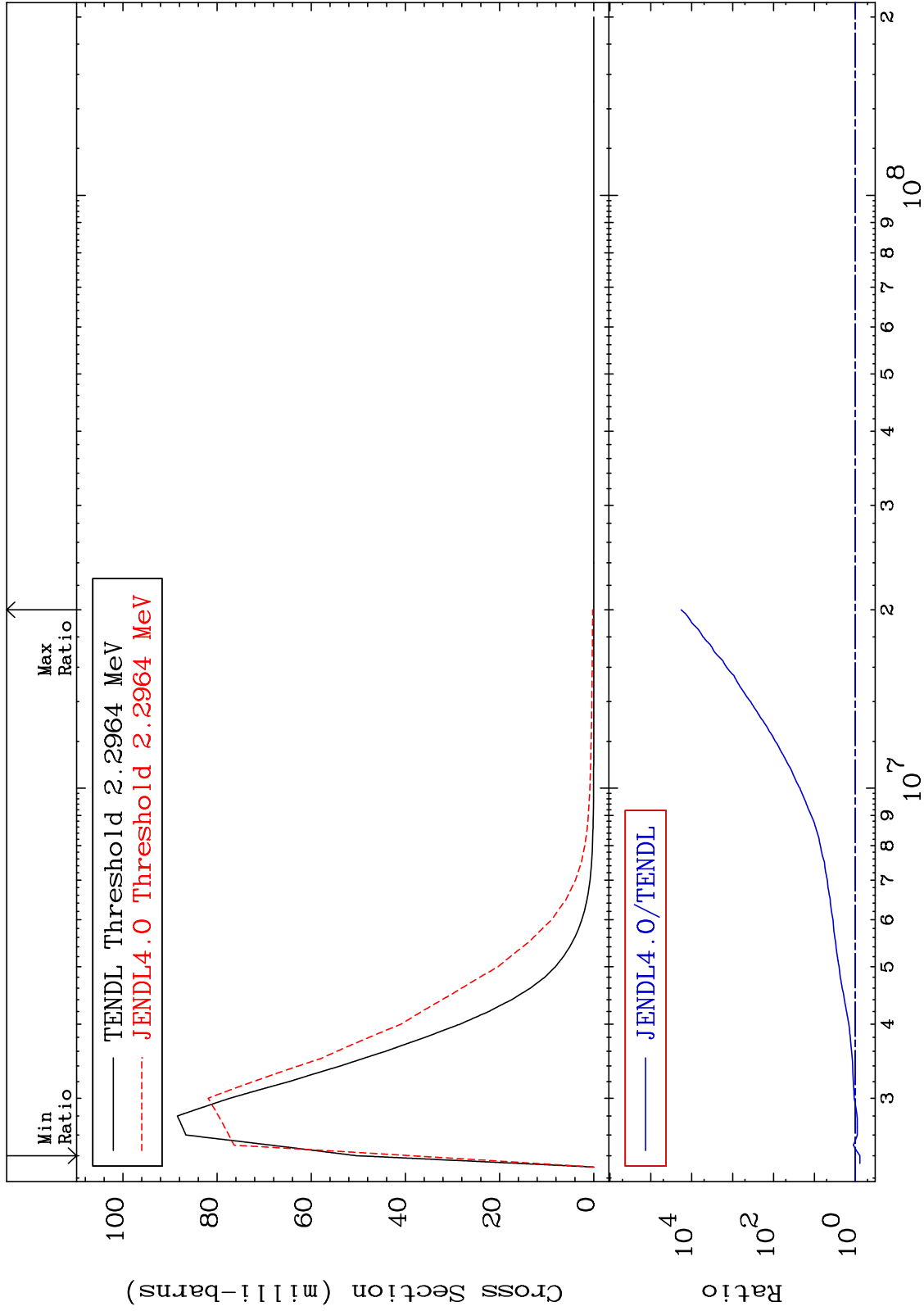
34-Se-78
-13.56 To 198.5 %



MAT 3437

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

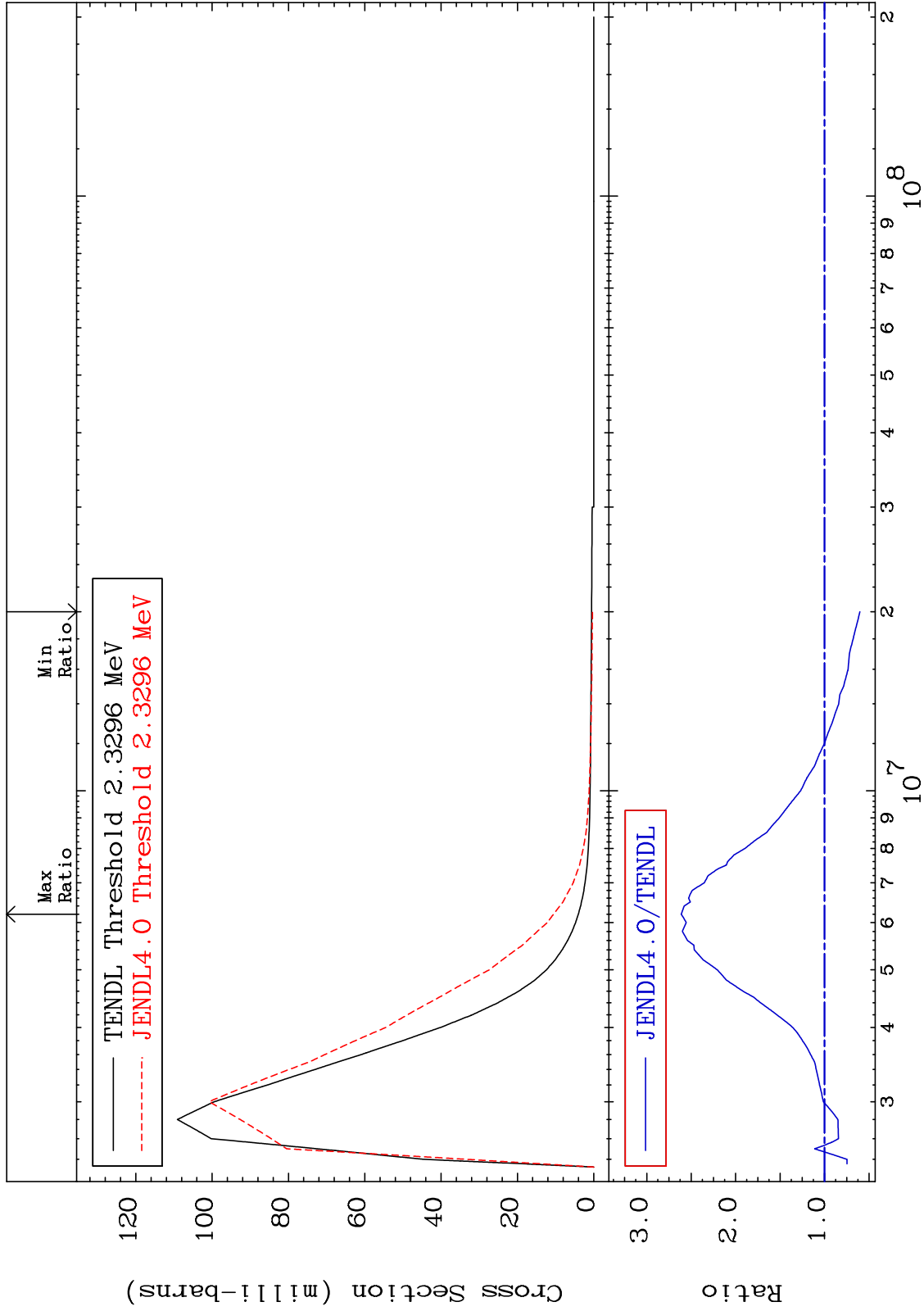
34-Se-78
-22.98 To 9999. %



MAT 3437

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

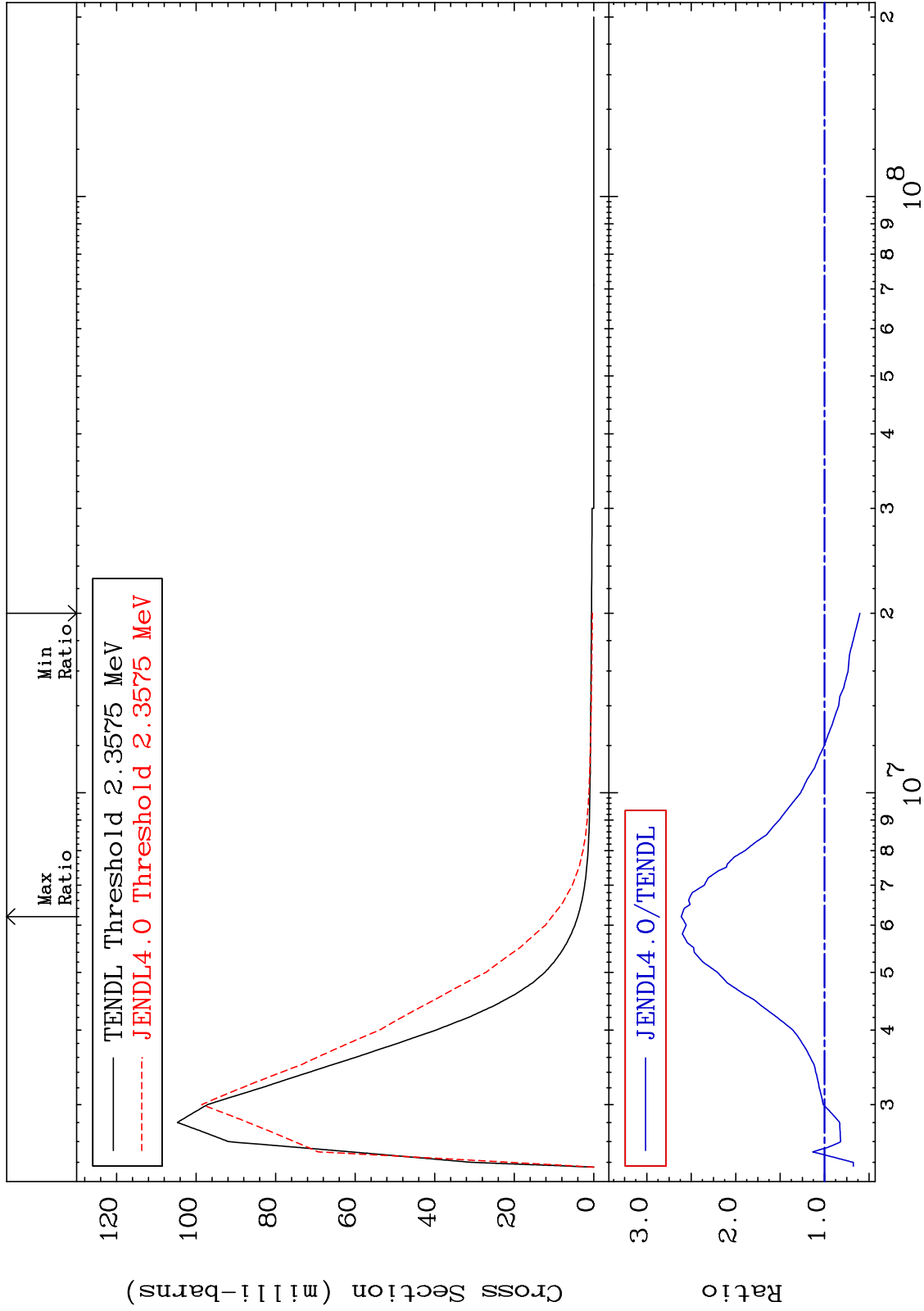
34-Se-78
-39.85 To 161.2 %



MAT 3437

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

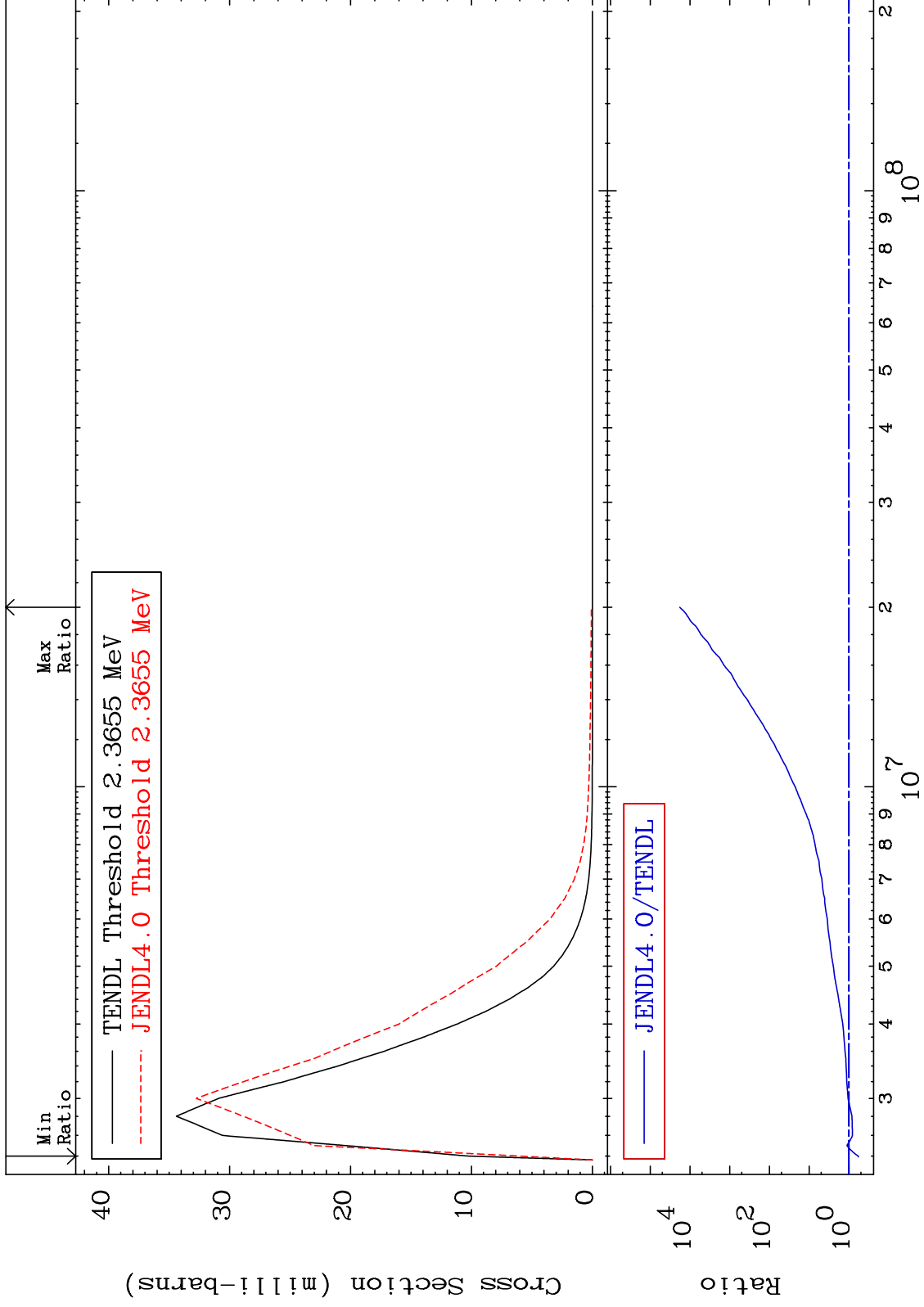
34-Se-78
-39.81 To 161.3 %



MAT 3437

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

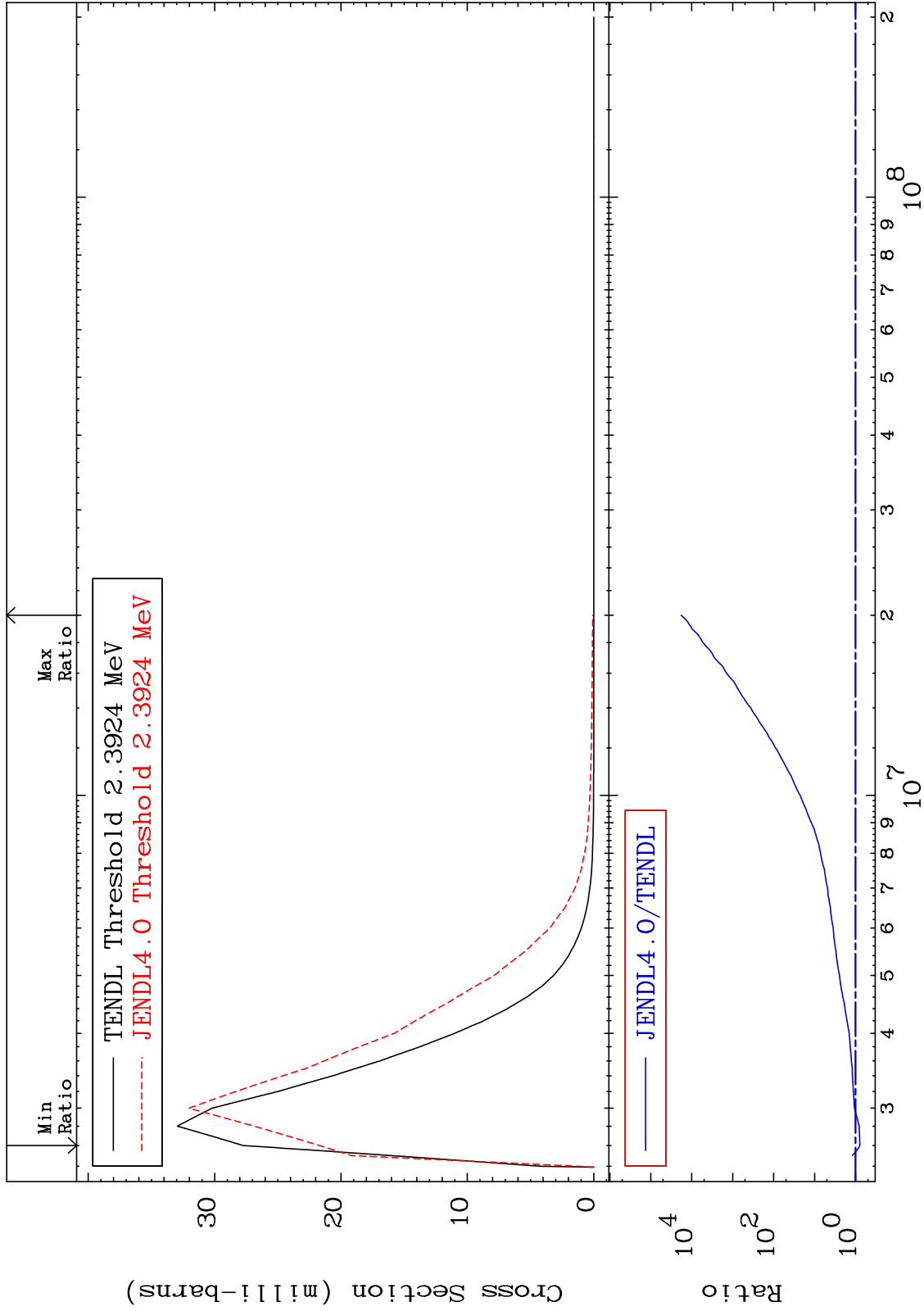
34-Se-78
-41.92 To 9999. %



MAT 3437

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

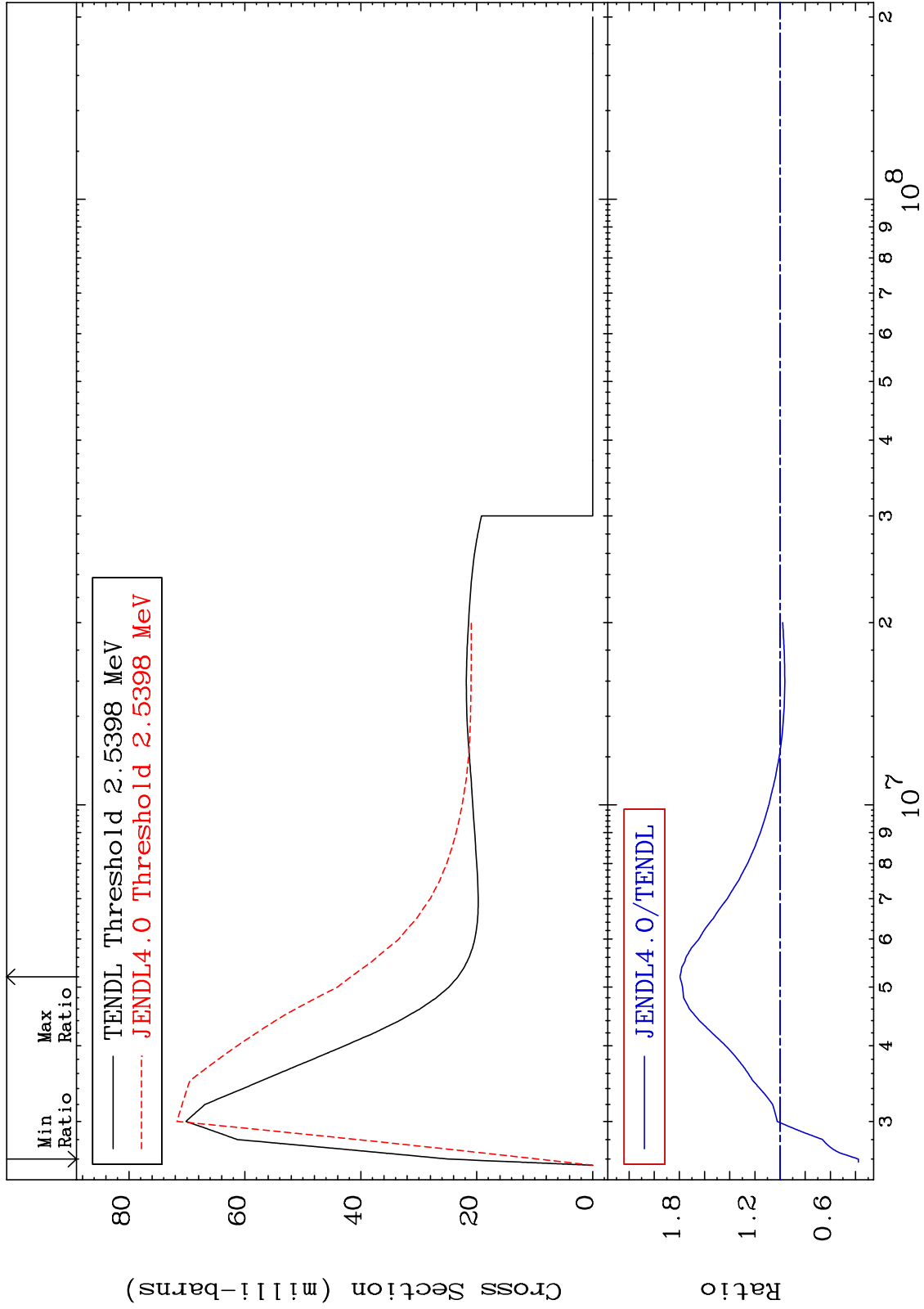
34-Se-78
-21.78 To 9999. %



MAT 3437

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

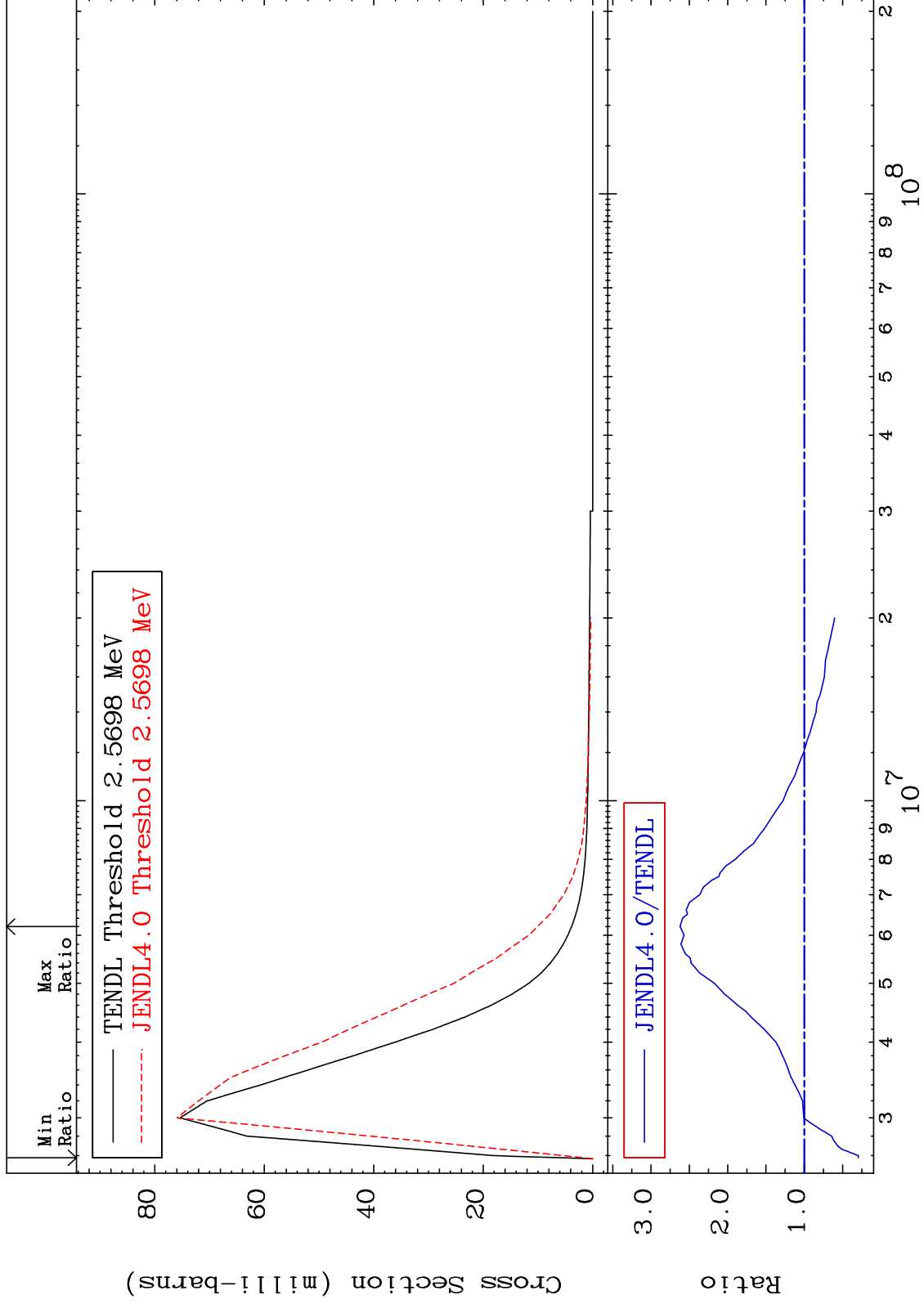
34-Se-78
-62.27 To 79.48 %



MAT 3437

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

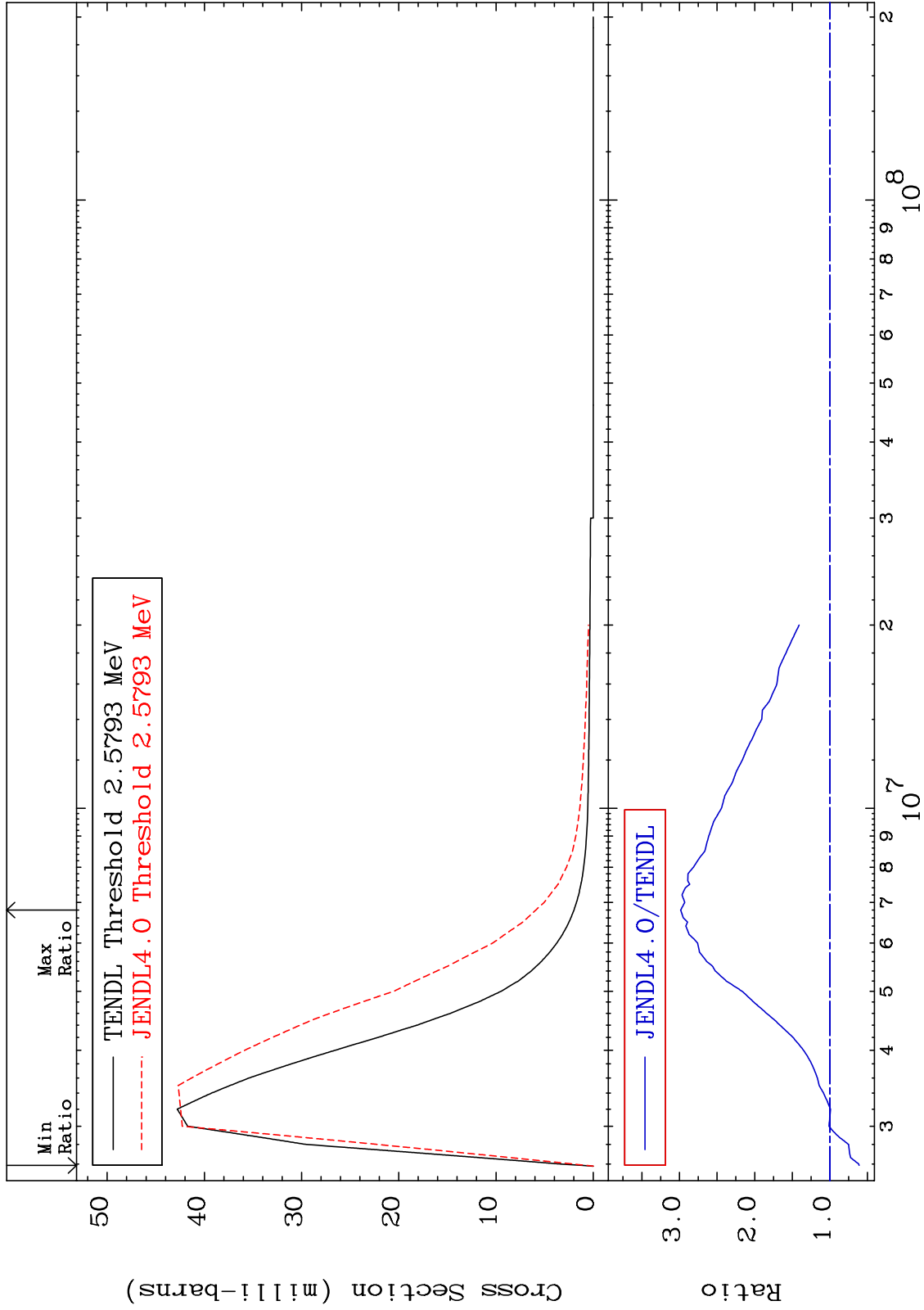
34-Se-78
-70.57 To 162.1 %



MAT 3437

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

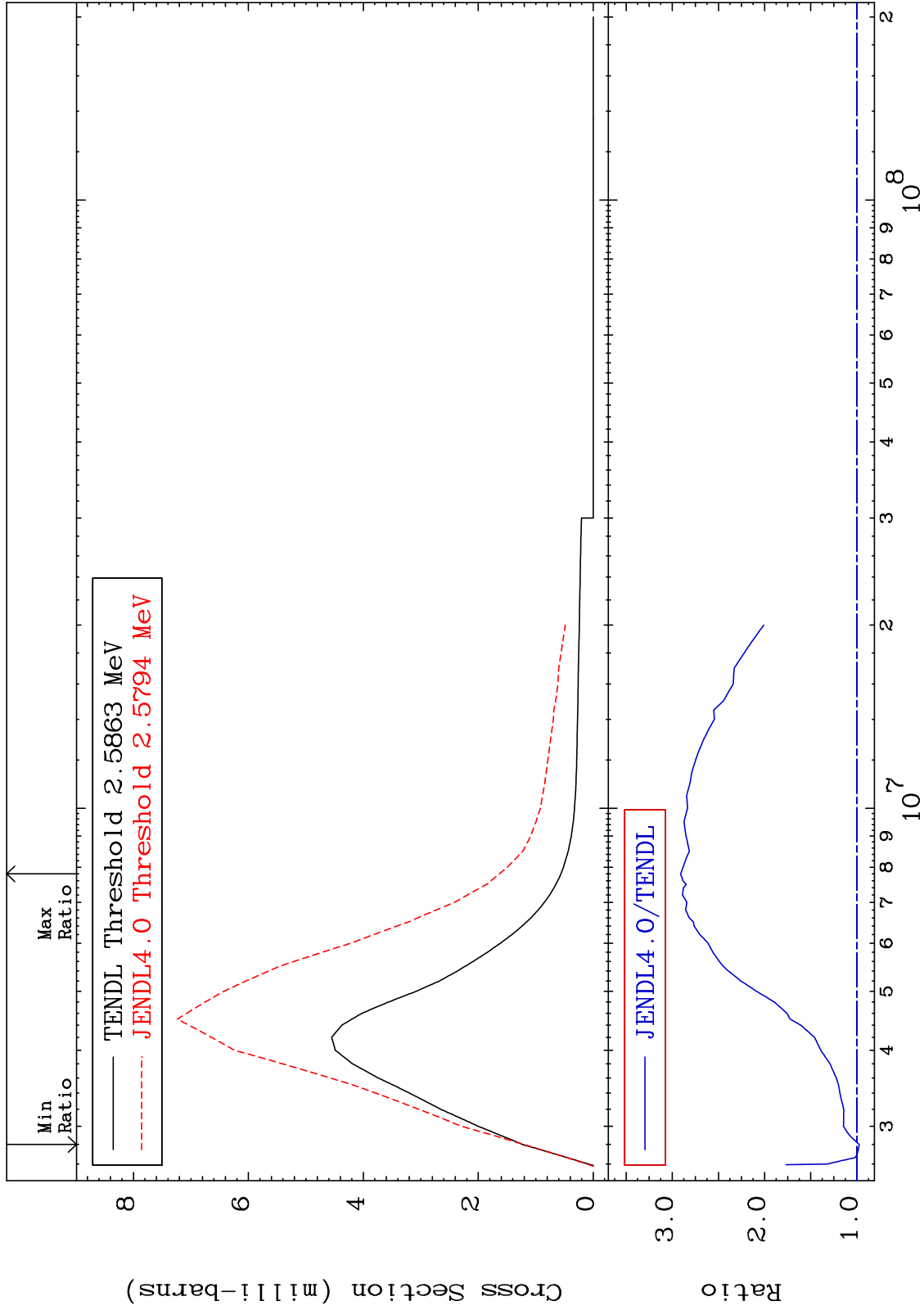
34-Se-78
-38.91 To 198.4 %



MAT 3437

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

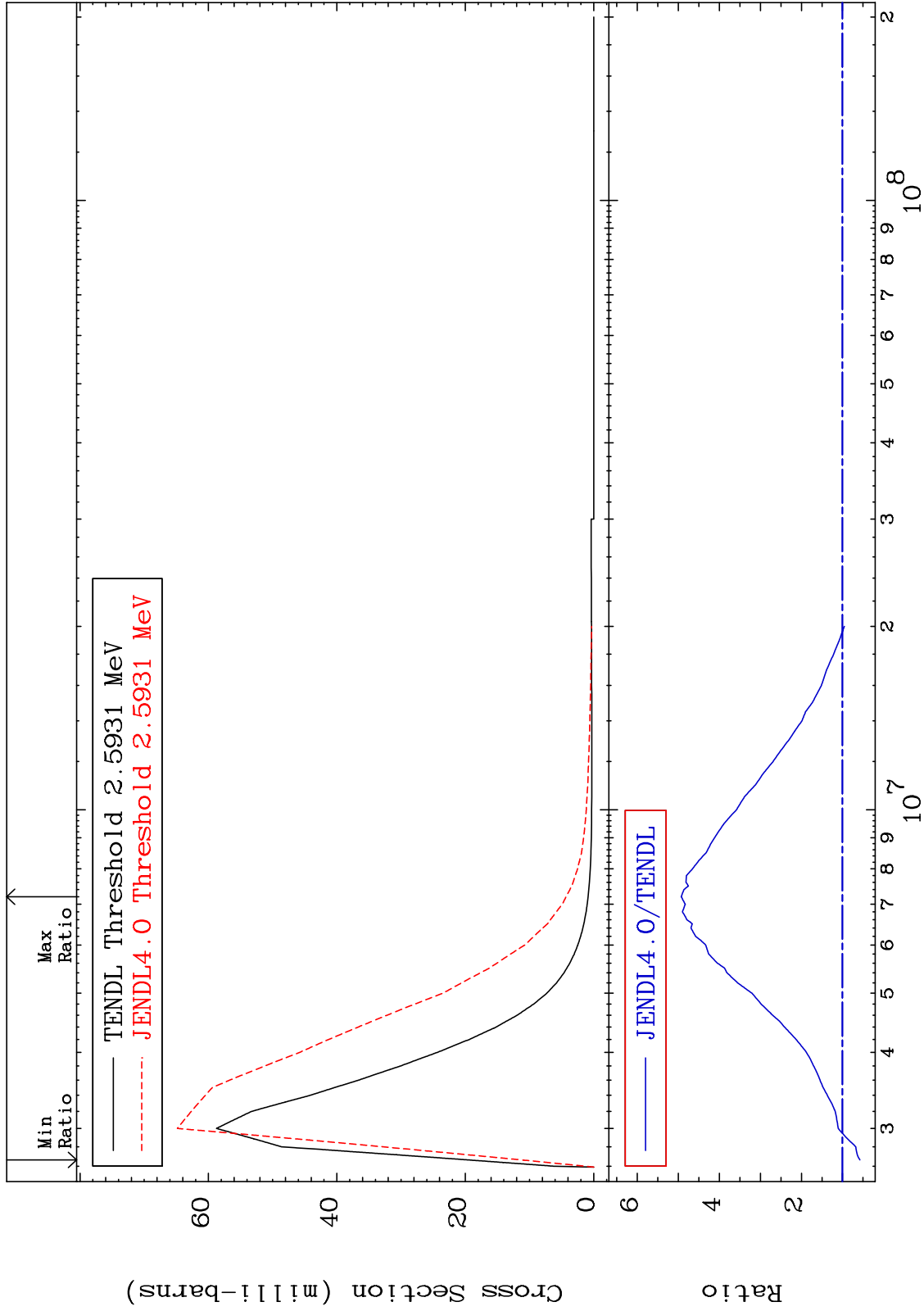
34-Se-78
-2.430 To 191.0 %



MAT 3437

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

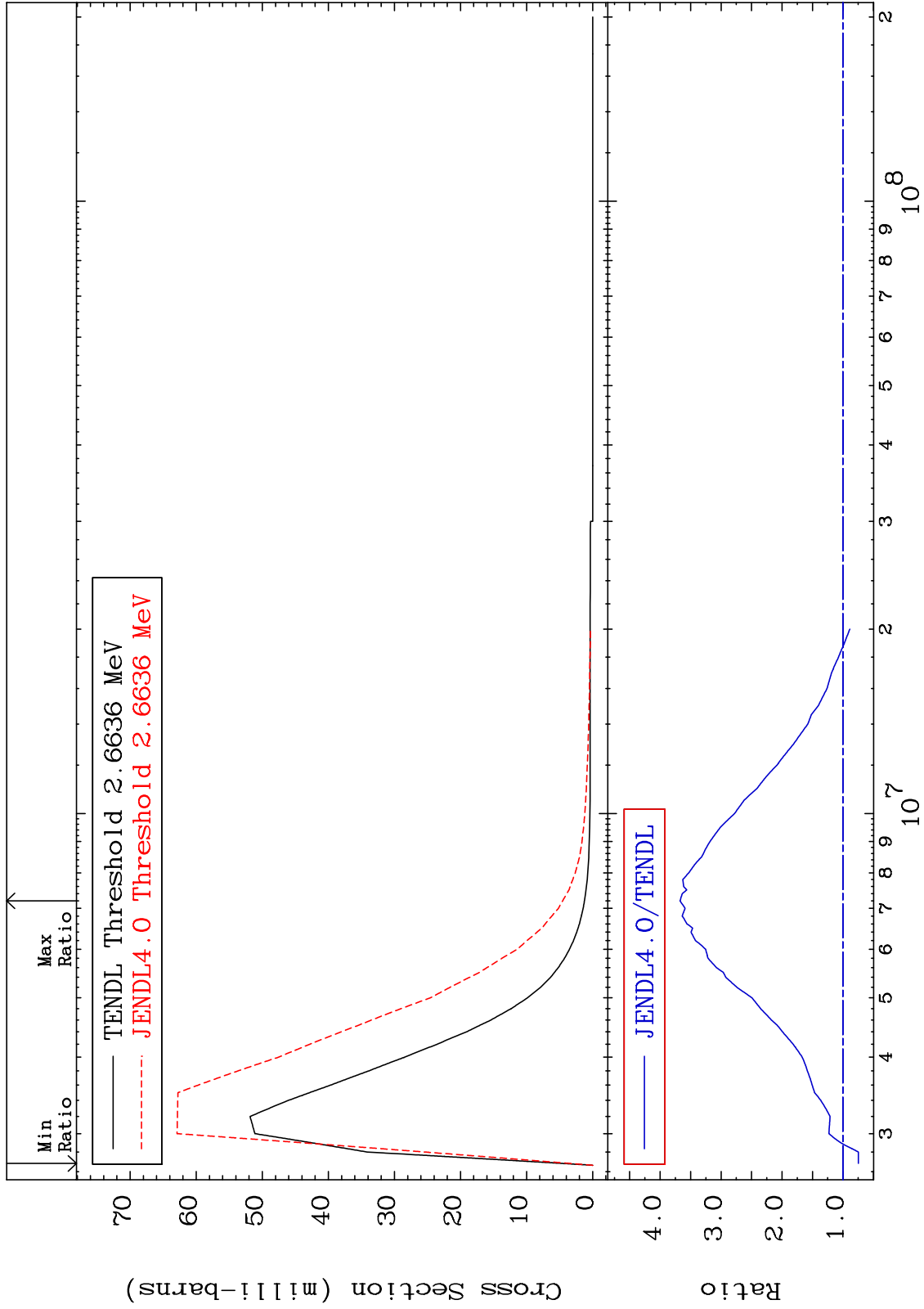
34-Se-78
-42.44 To 392.8 %



MAT 3437

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

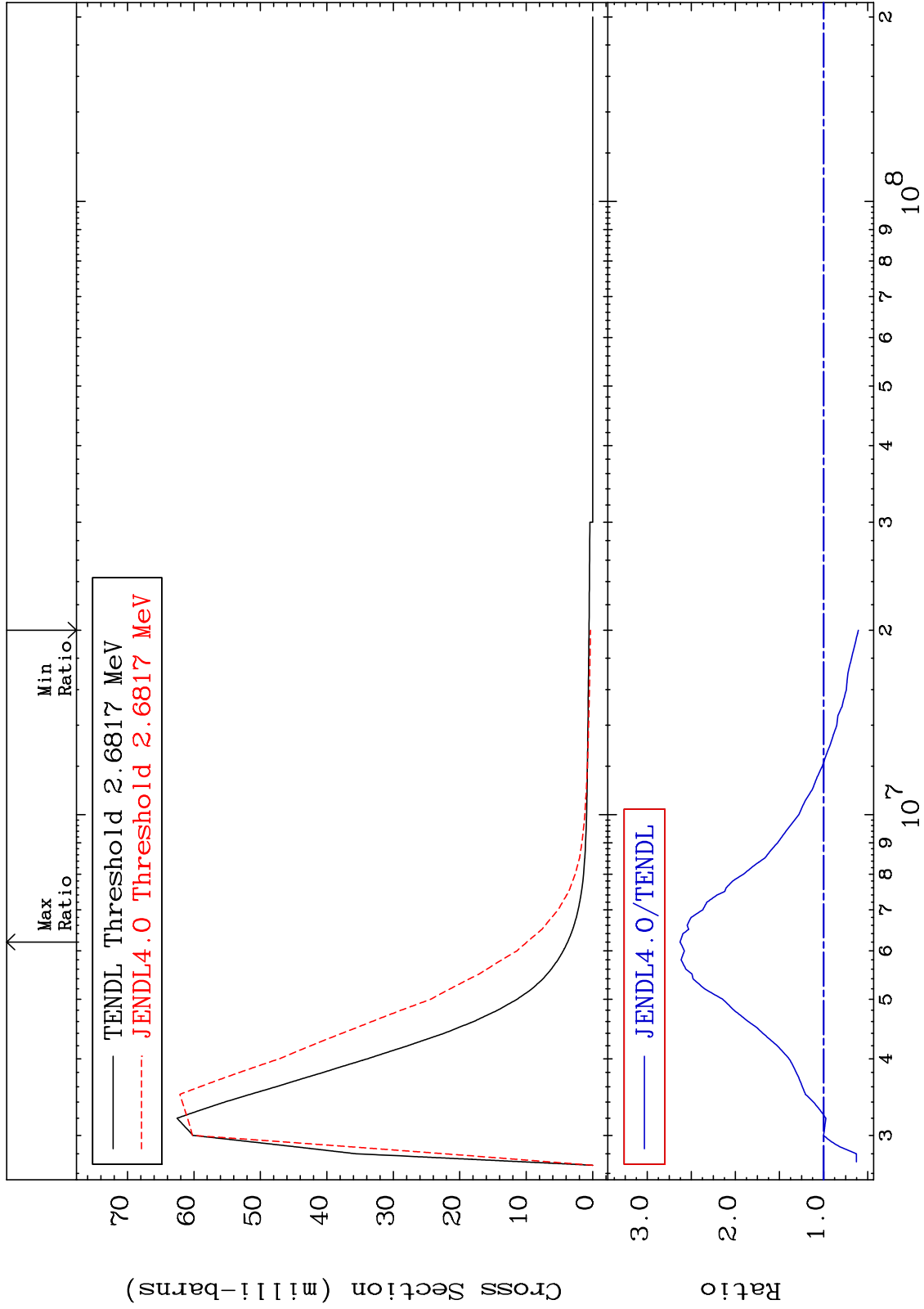
34-Se-78
-25.37 To 267.4 %



MAT 3437

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

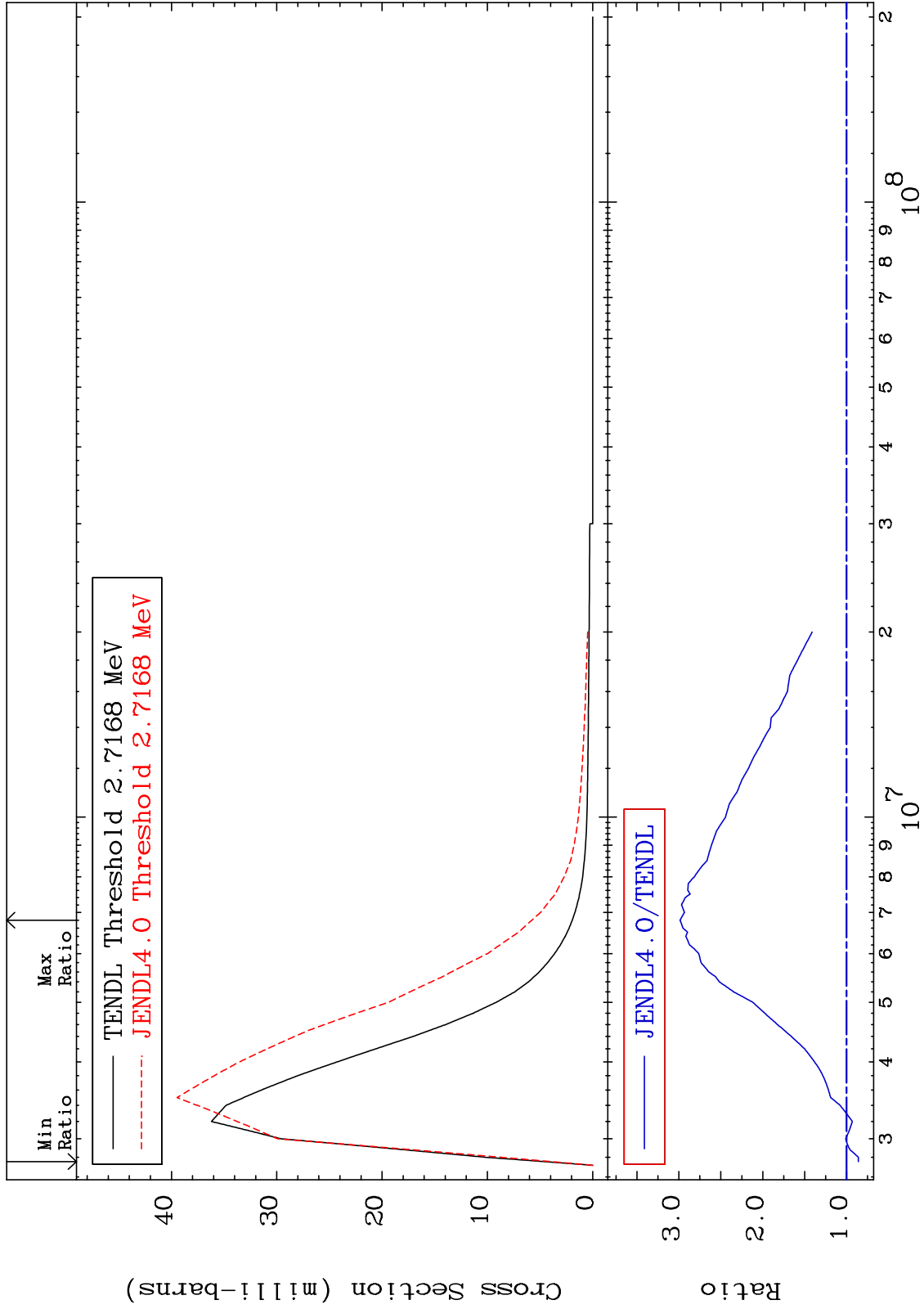
34-Se-78
-39.49 To 162.9 %



MAT 3437

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

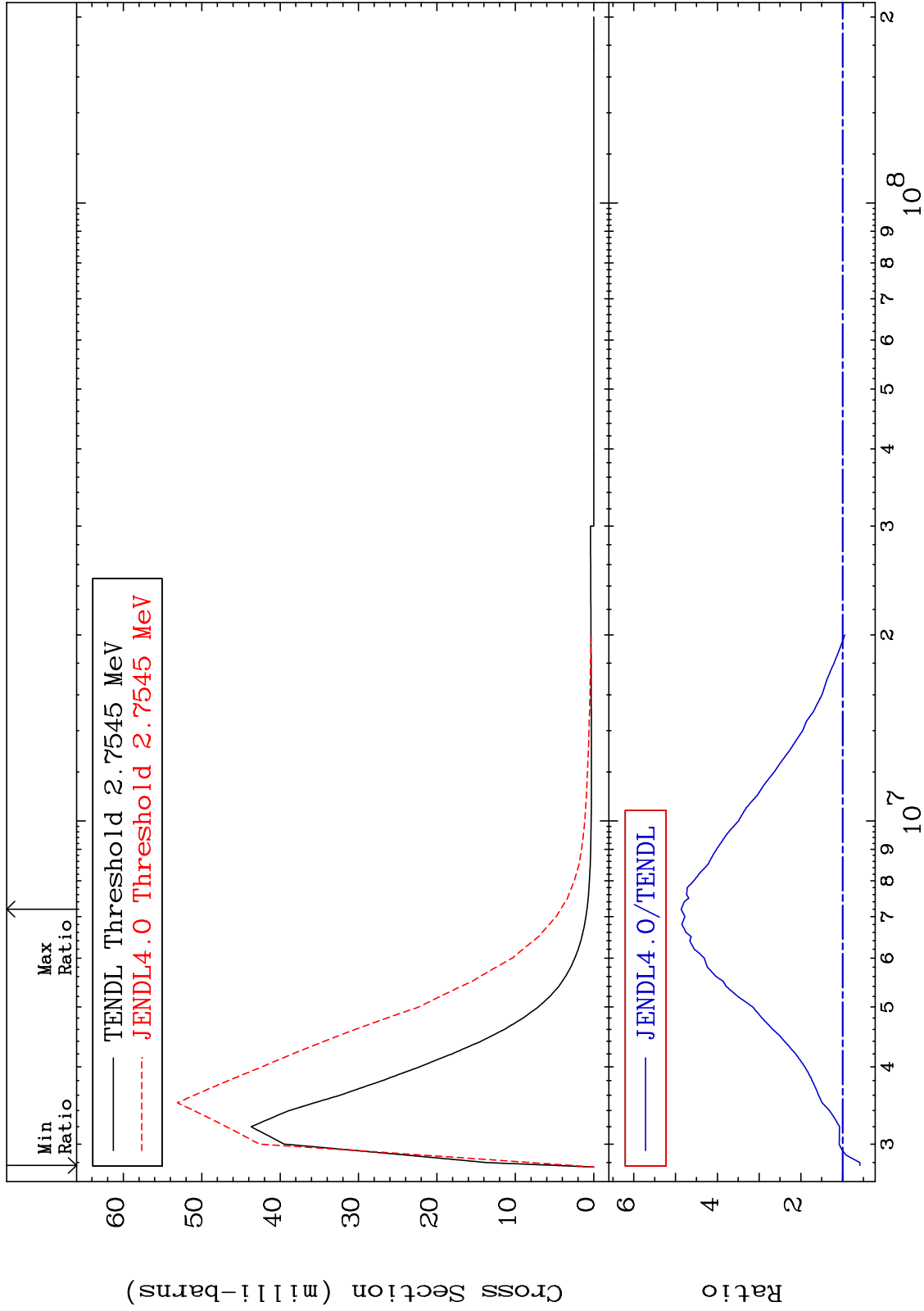
34-Se-78
-14.01 To 198.7 %



MAT 3437

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

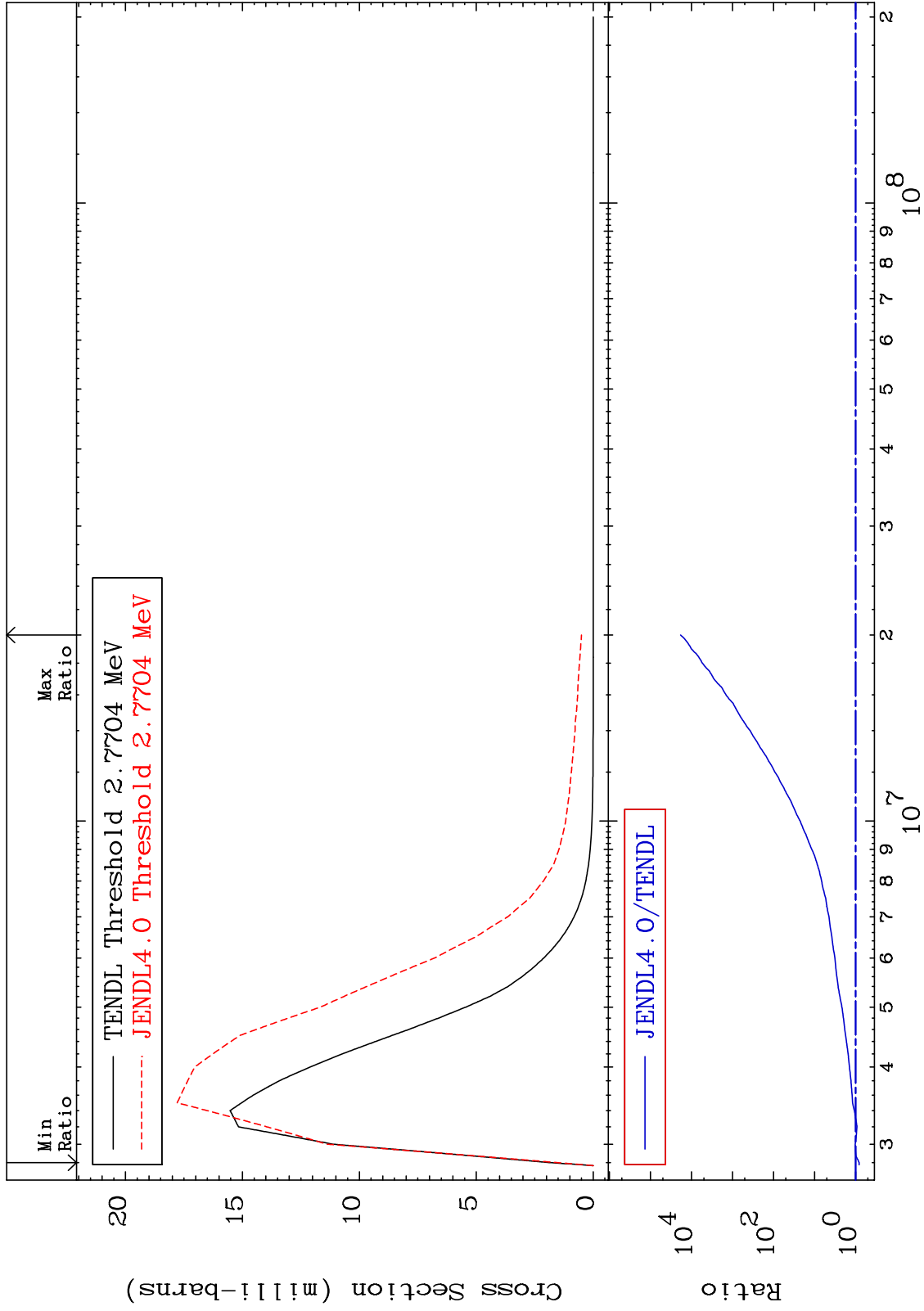
34-Se-78
-41.68 To 386.5 %



MAT 3437

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

34-Se-78
-18.50 To 9999. %



30

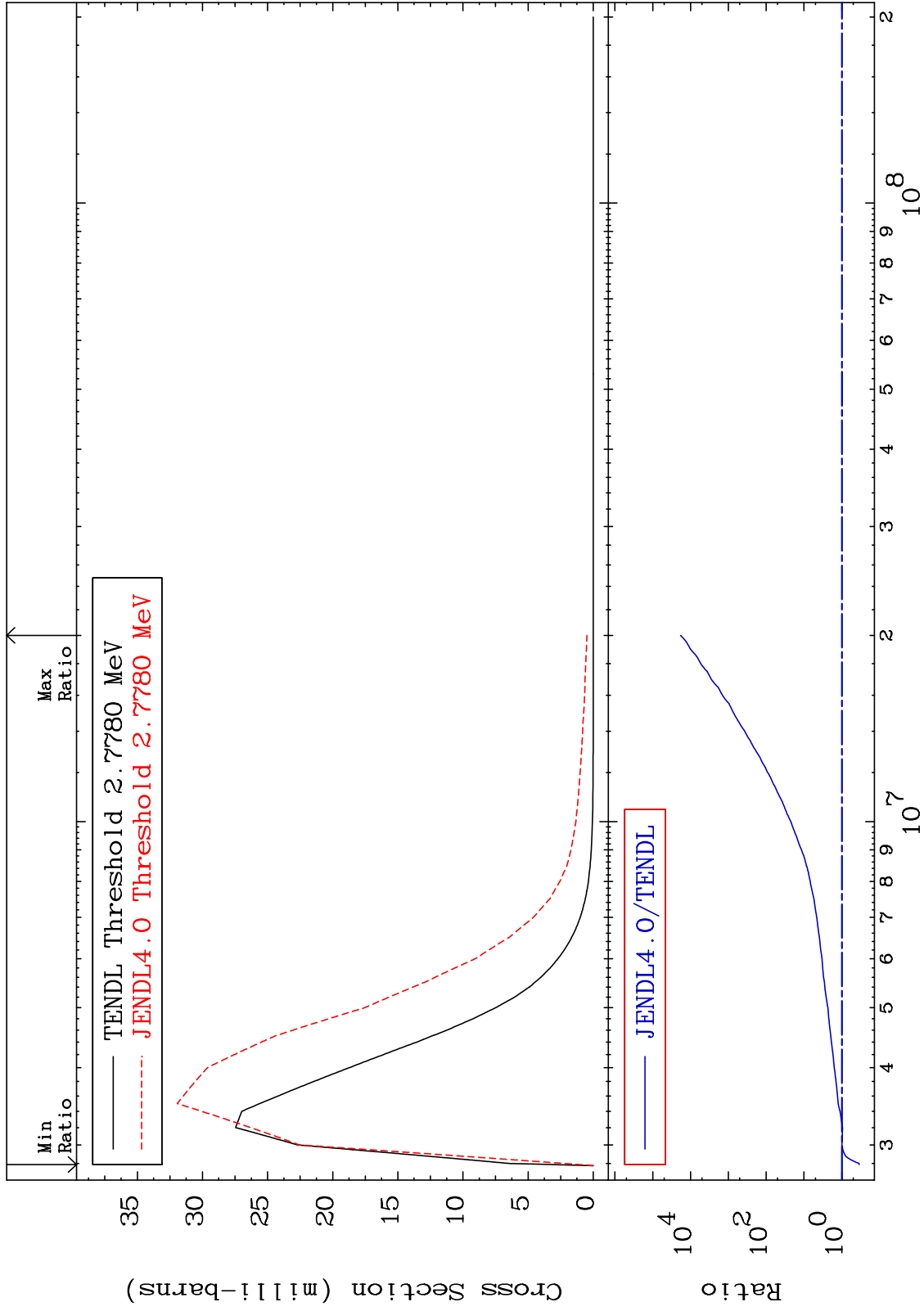
Incident Energy (eV)

34-Se-78

MAT 3437

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

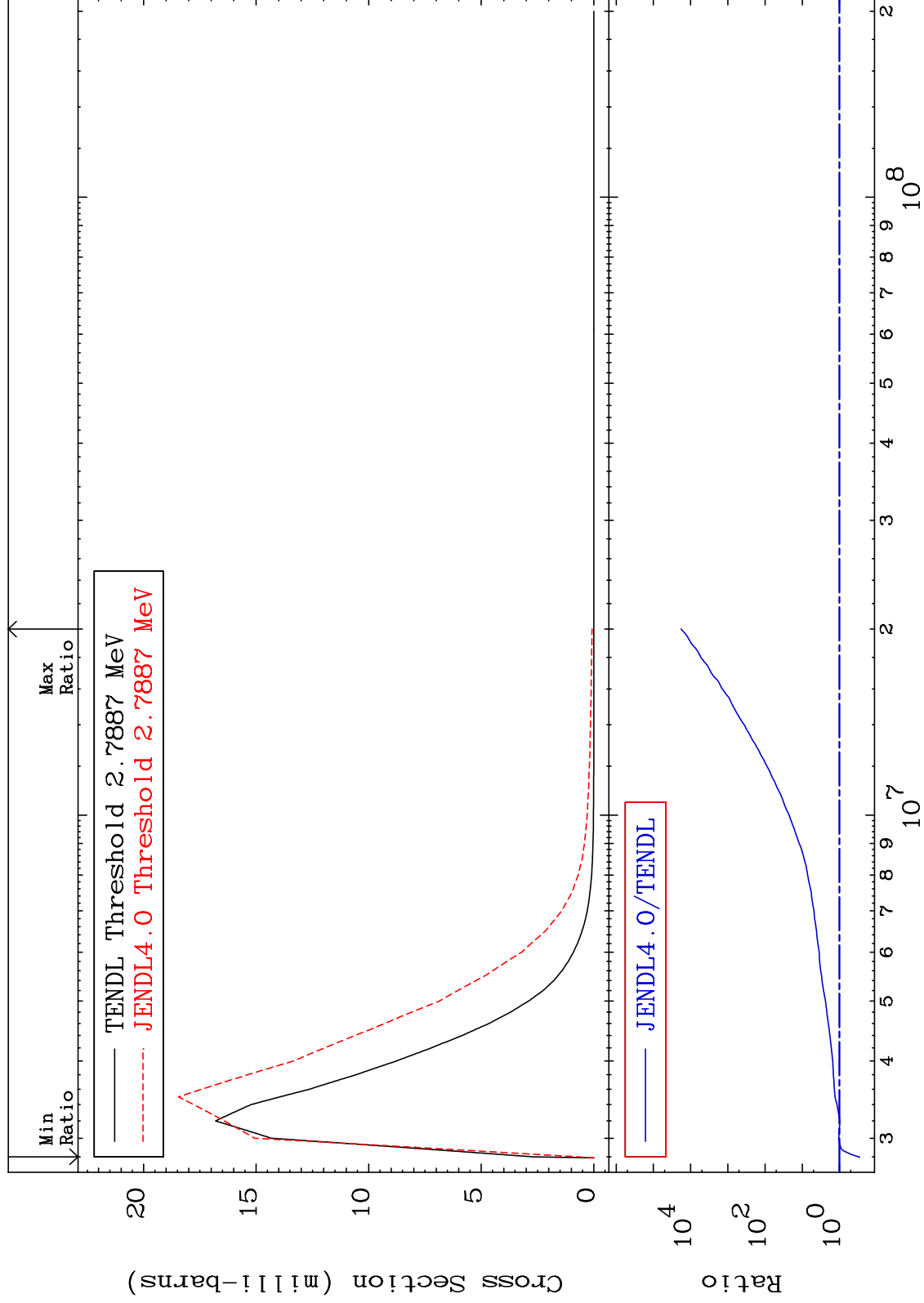
34-Se-78
-65.28 To 9999. %



MAT 3437

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

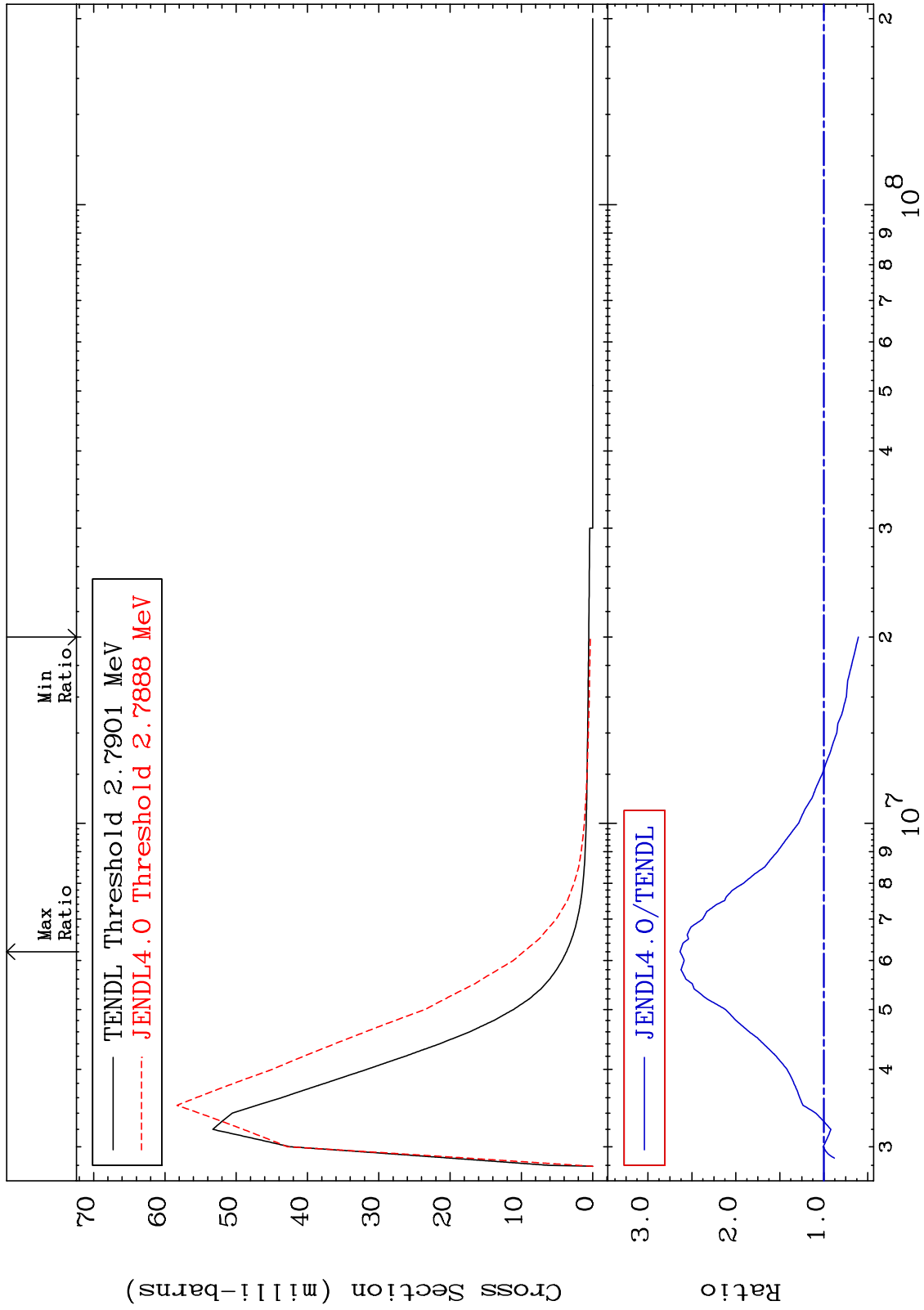
34-Se-78
-70.64 To 9999. %



MAT 3437

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

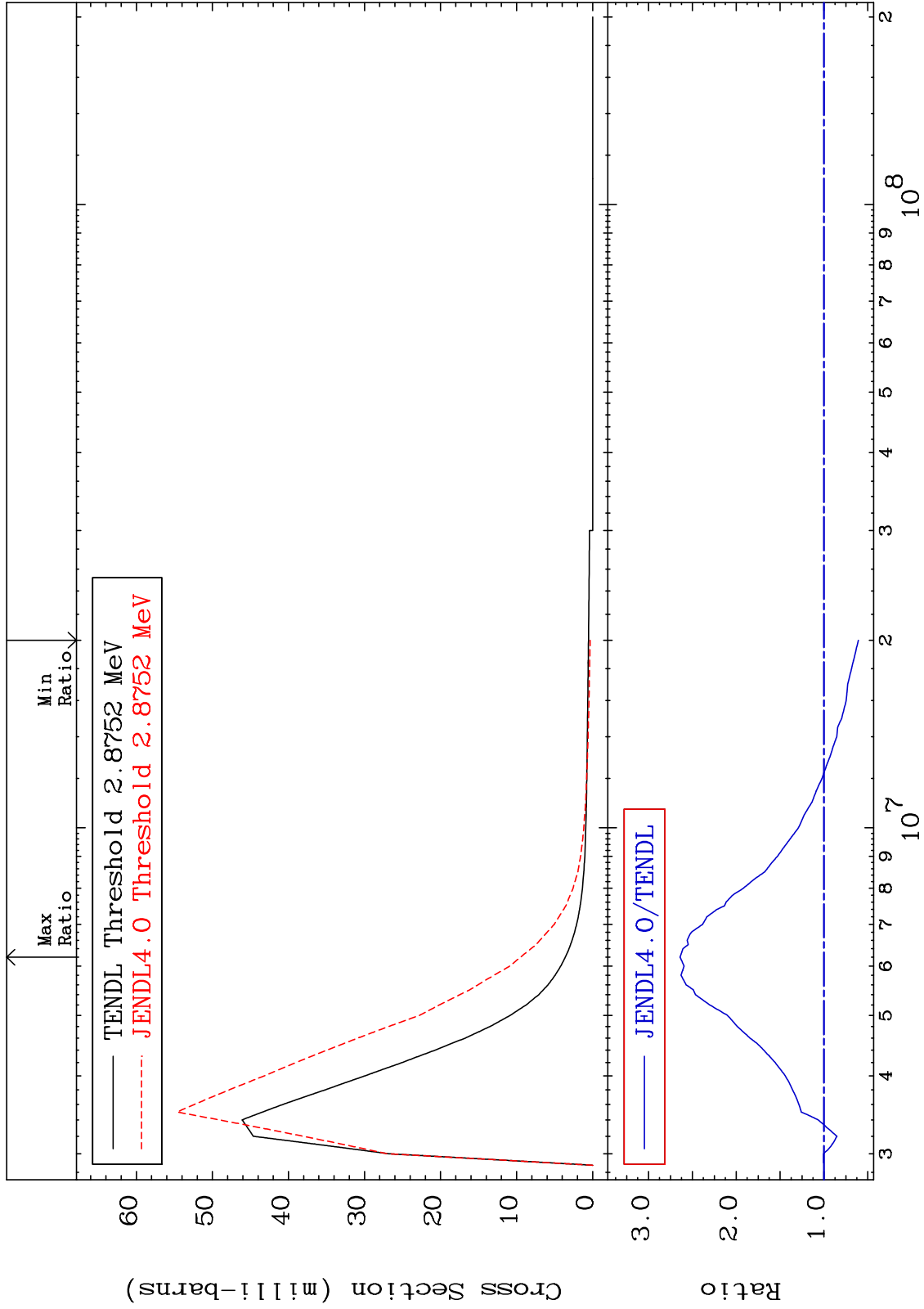
34-Se-78
-39.37 To 163.6 %



MAT 3437

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

34-Se-78
-39.26 To 164.1 %



34

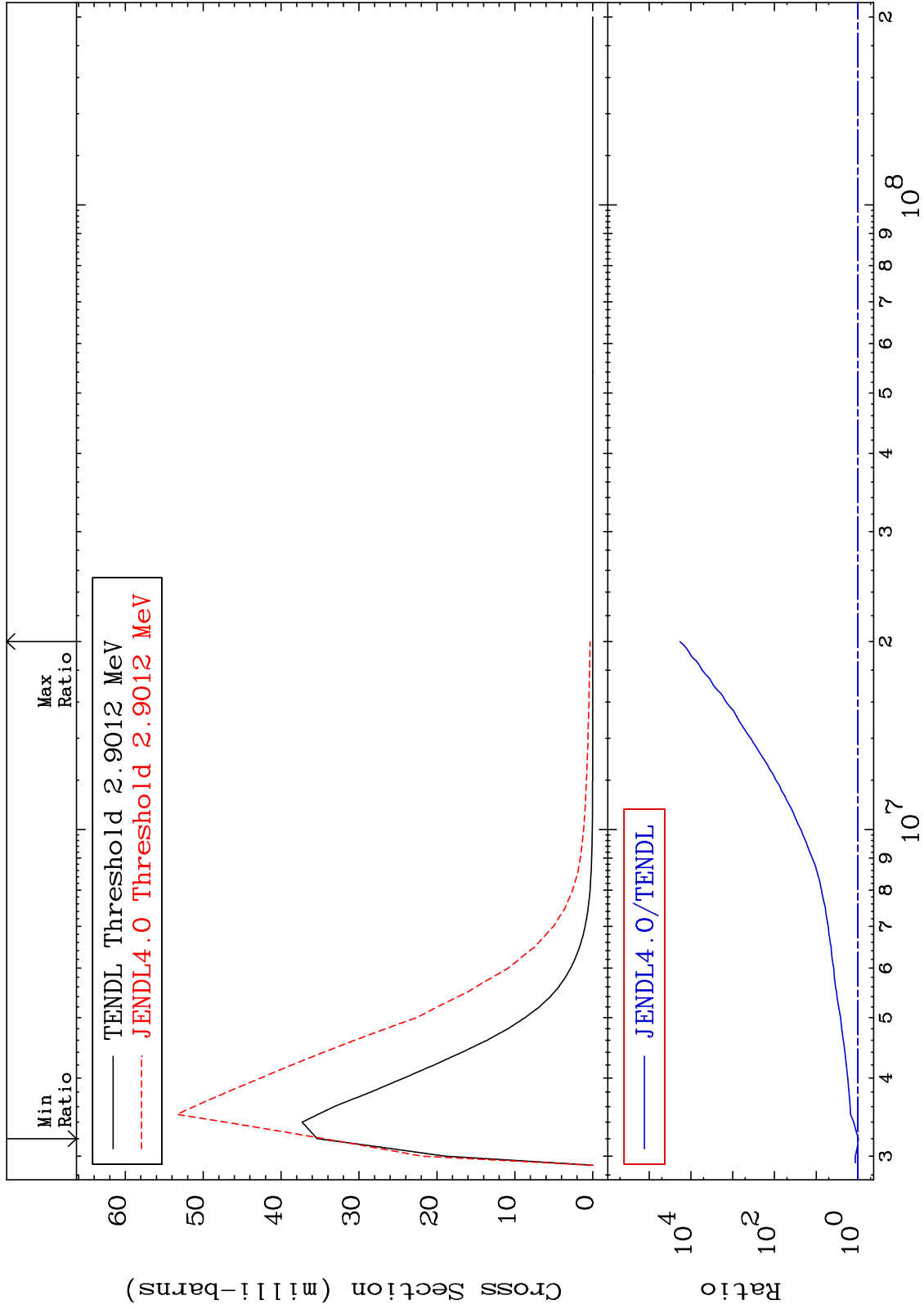
Incident Energy (eV)

34-Se-78

MAT 3437

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

34-Se-78
-2.401 To 9999. %



35

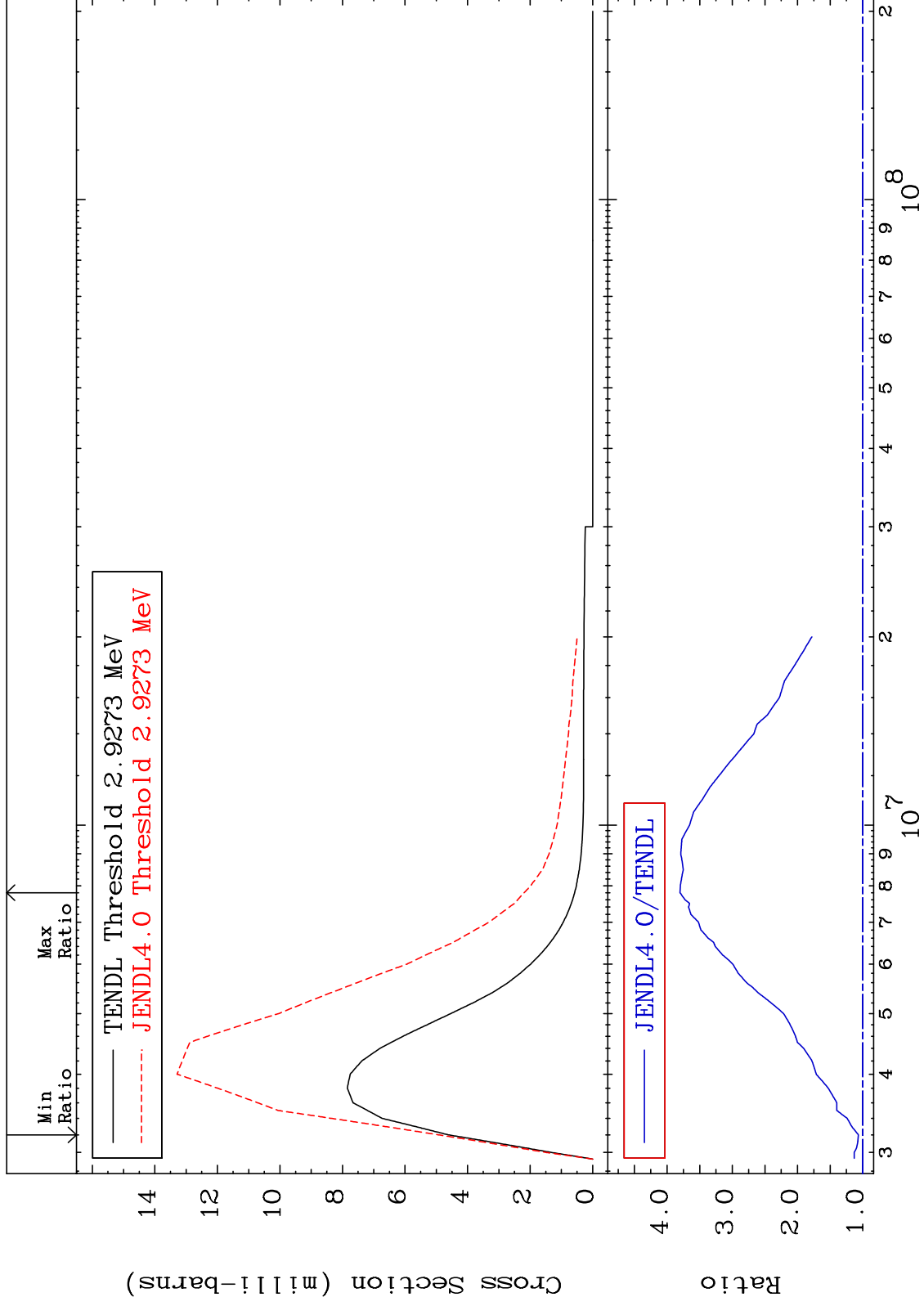
Incident Energy (eV)

34-Se-78

MAT 3437

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

34-Se-78
6.700 To 280.2 %



36

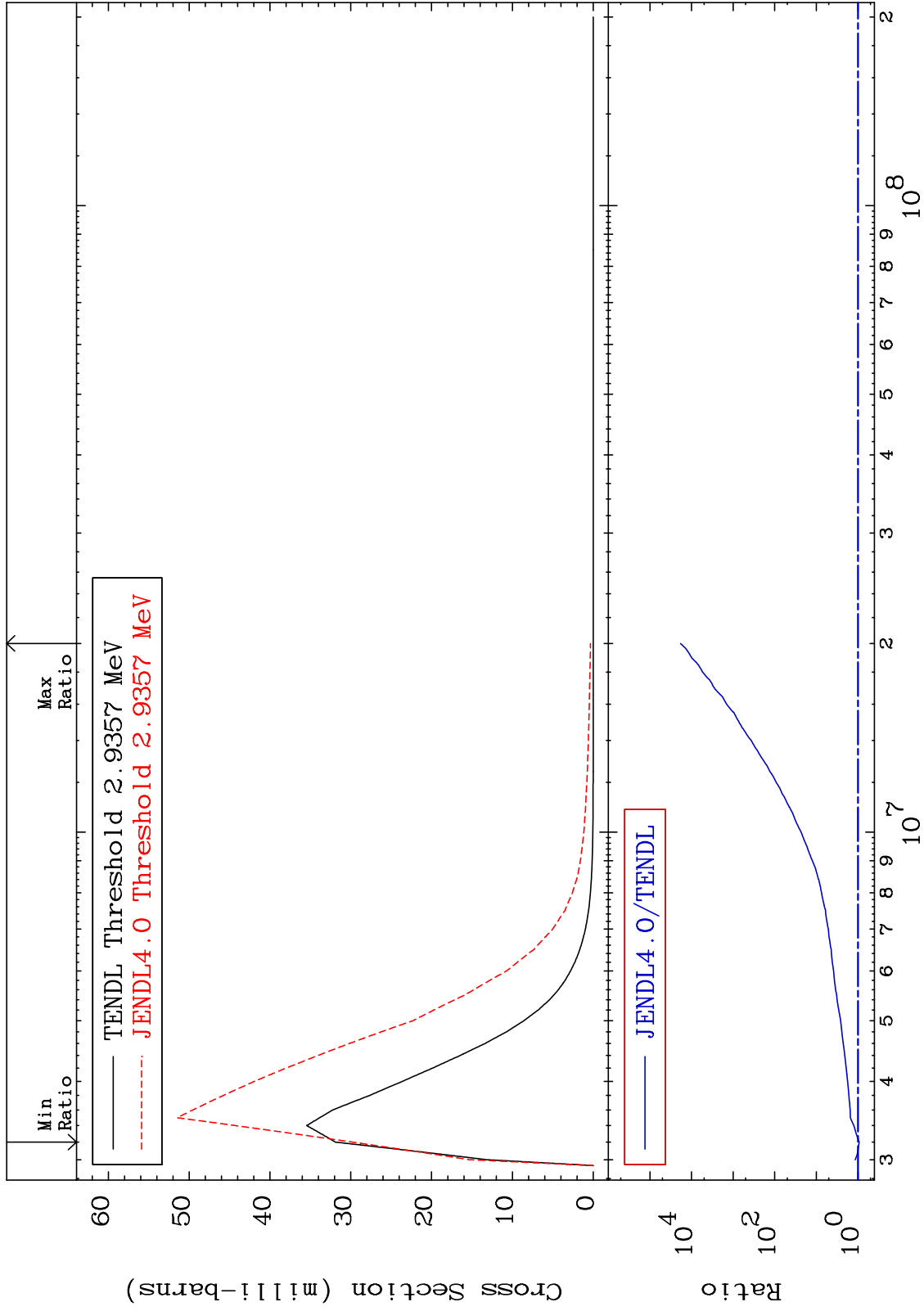
Incident Energy (eV)

34-Se-78

MAT 3437

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

34-Se-78
-6.607 To 9999. %



37

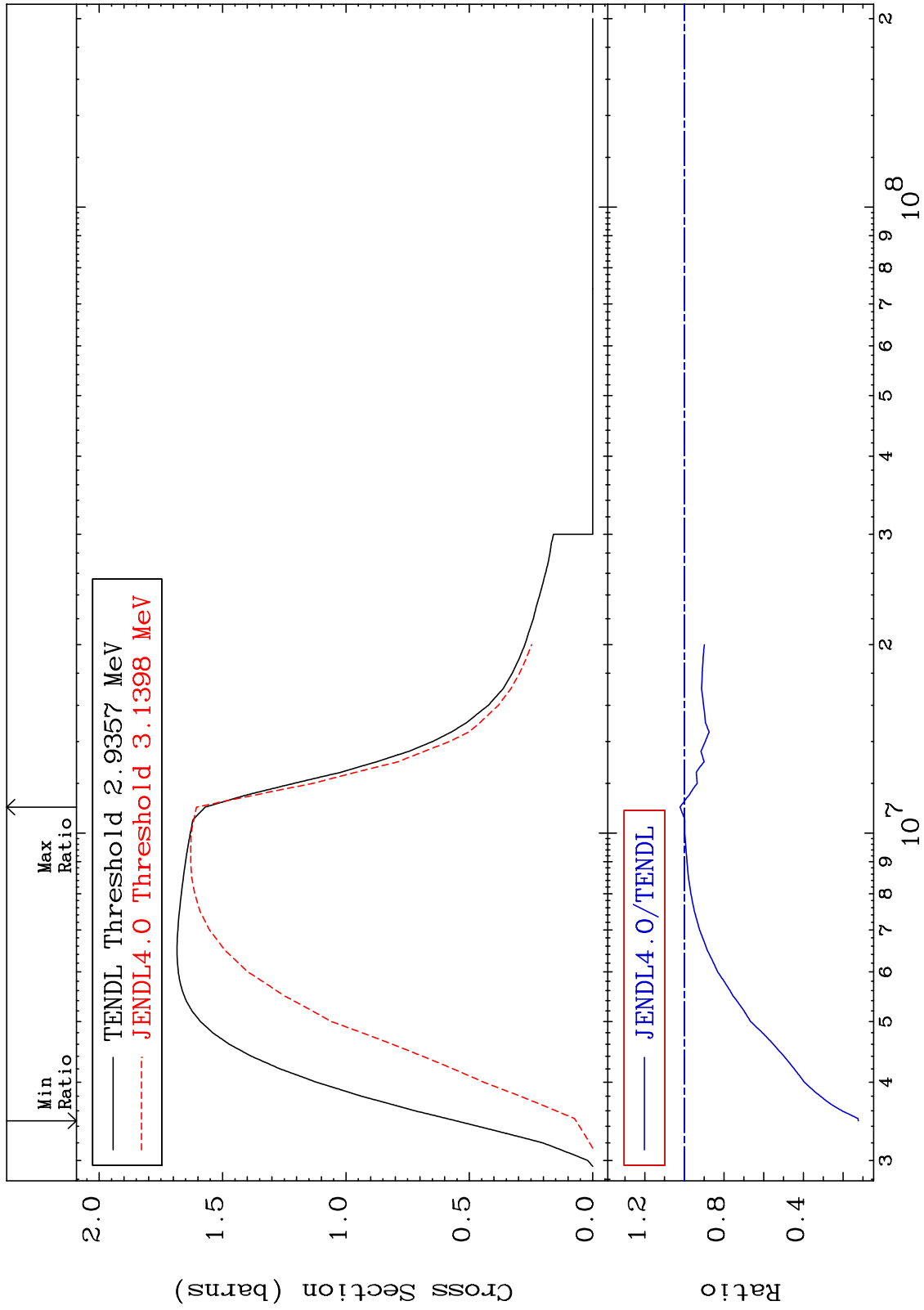
Incident Energy (eV)

34-Se-78

MAT 3437

(n, n') Continuum
Cross Section

34-Se-78
-87.72 To 2.213 %



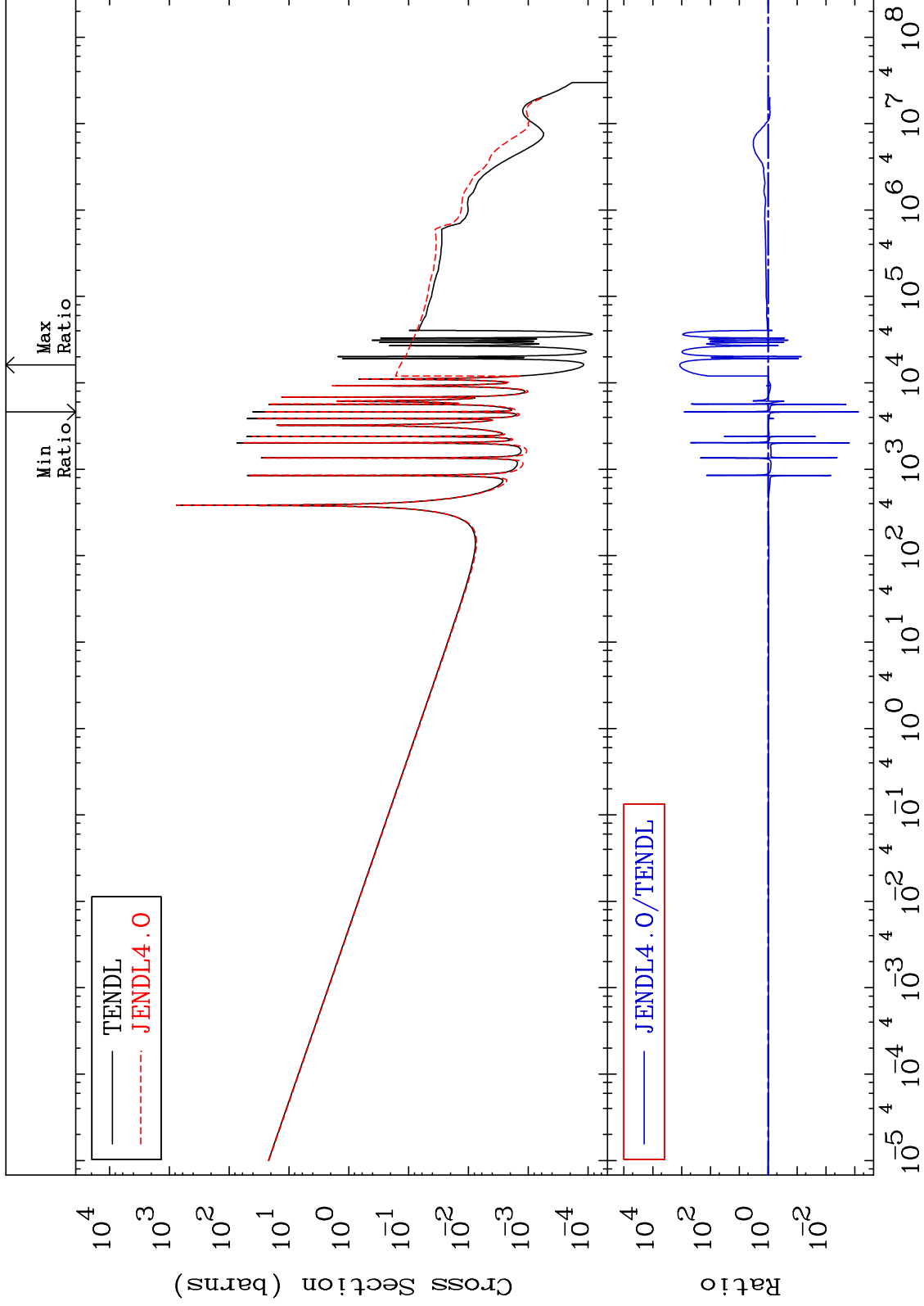
MAT 3437

(n, γ)

34-Se-78

Cross Section

-99.92 To 9999. %



39

Incident Energy (eV)

34-Se-78

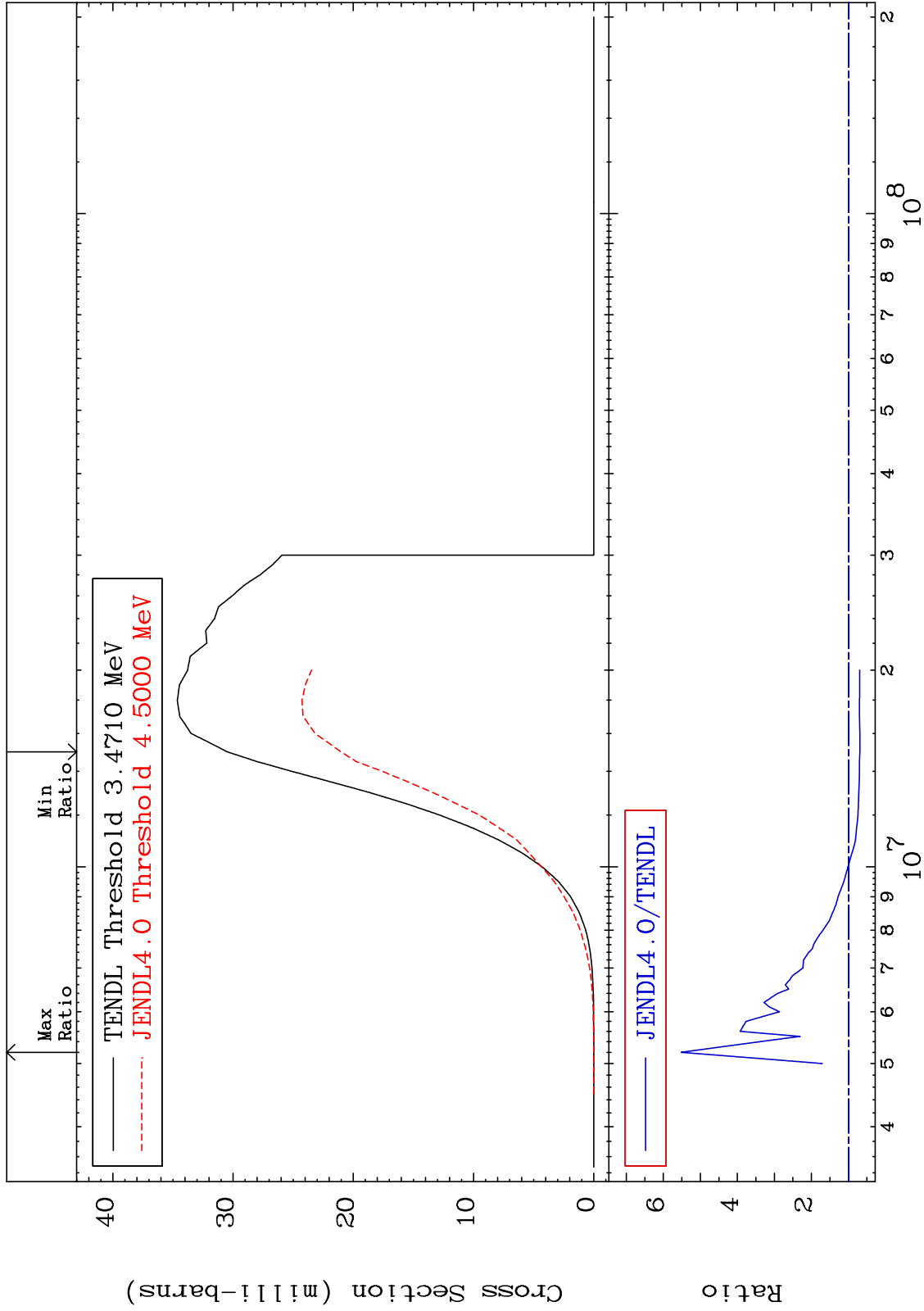
MAT 3437

(n,p)

³⁴Se-78

Cross Section

-31.01 To 451.7 %



40

Incident Energy (eV)

³⁴Se-78

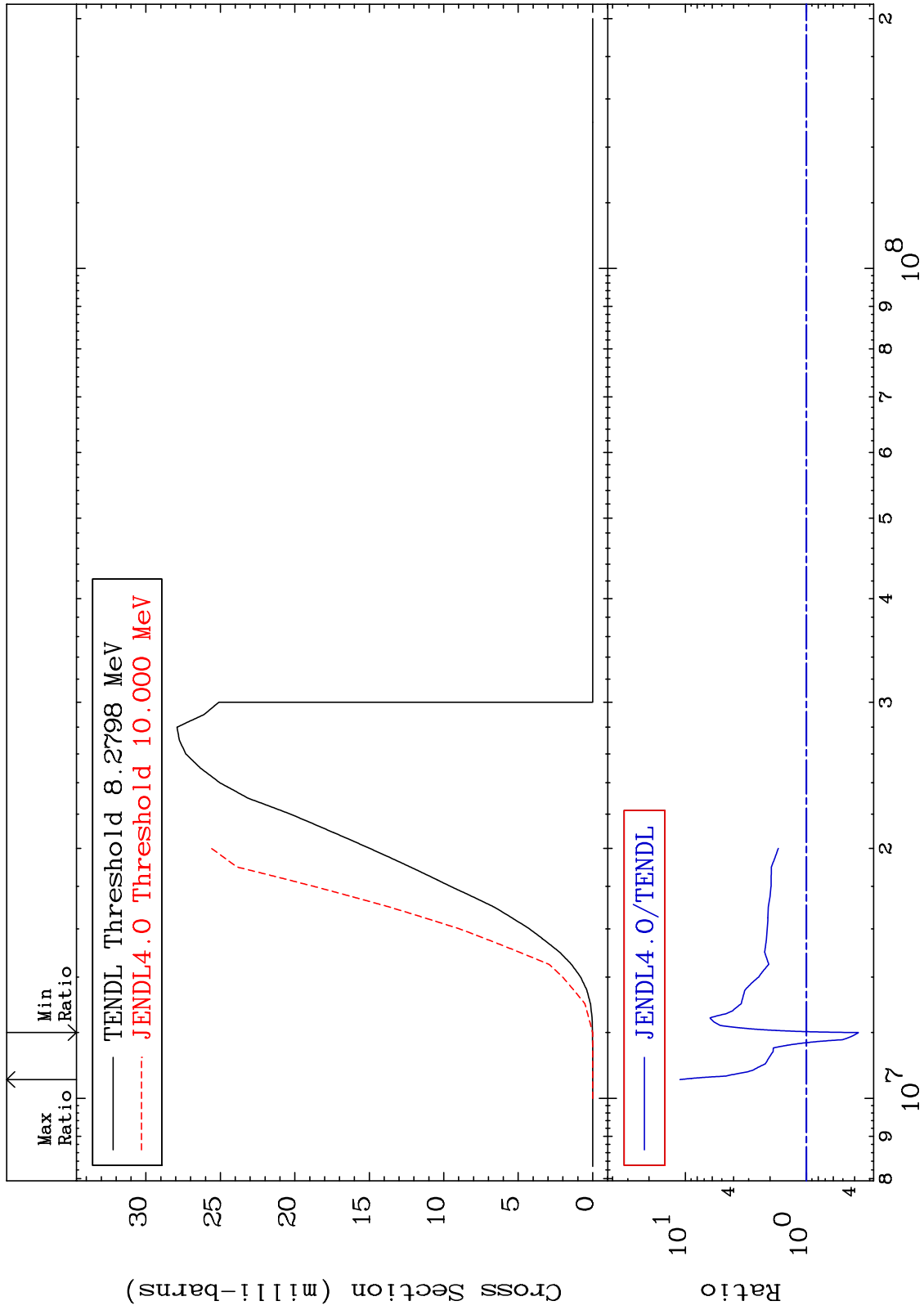
MAT 3437

(n,d)

34-Se-78

Cross Section

-62.83 To 1009. %



41

Incident Energy (eV)

34-Se-78

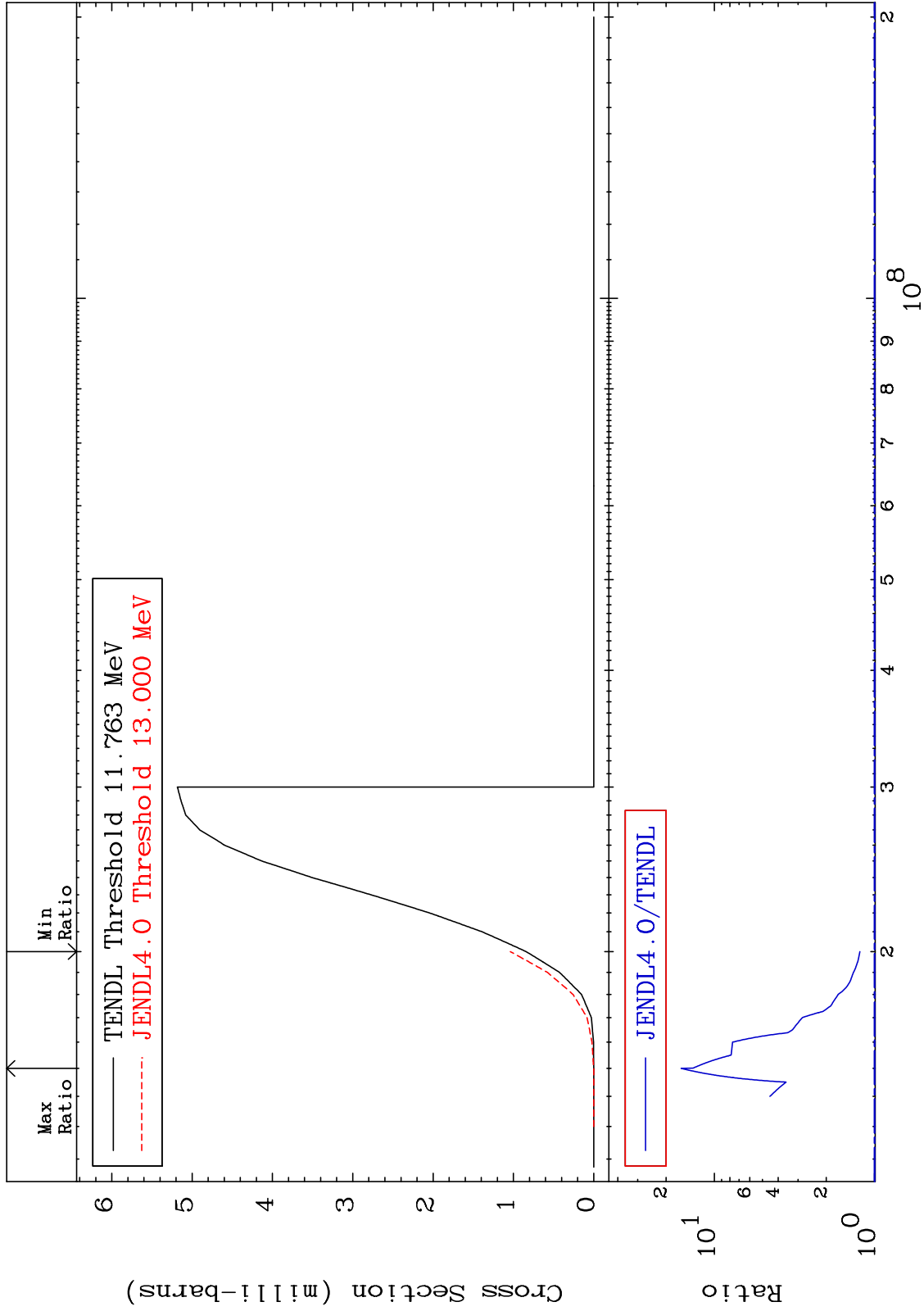
MAT 3437

(n, t)

34-Se-78

Cross Section

23.42 To 1507. %



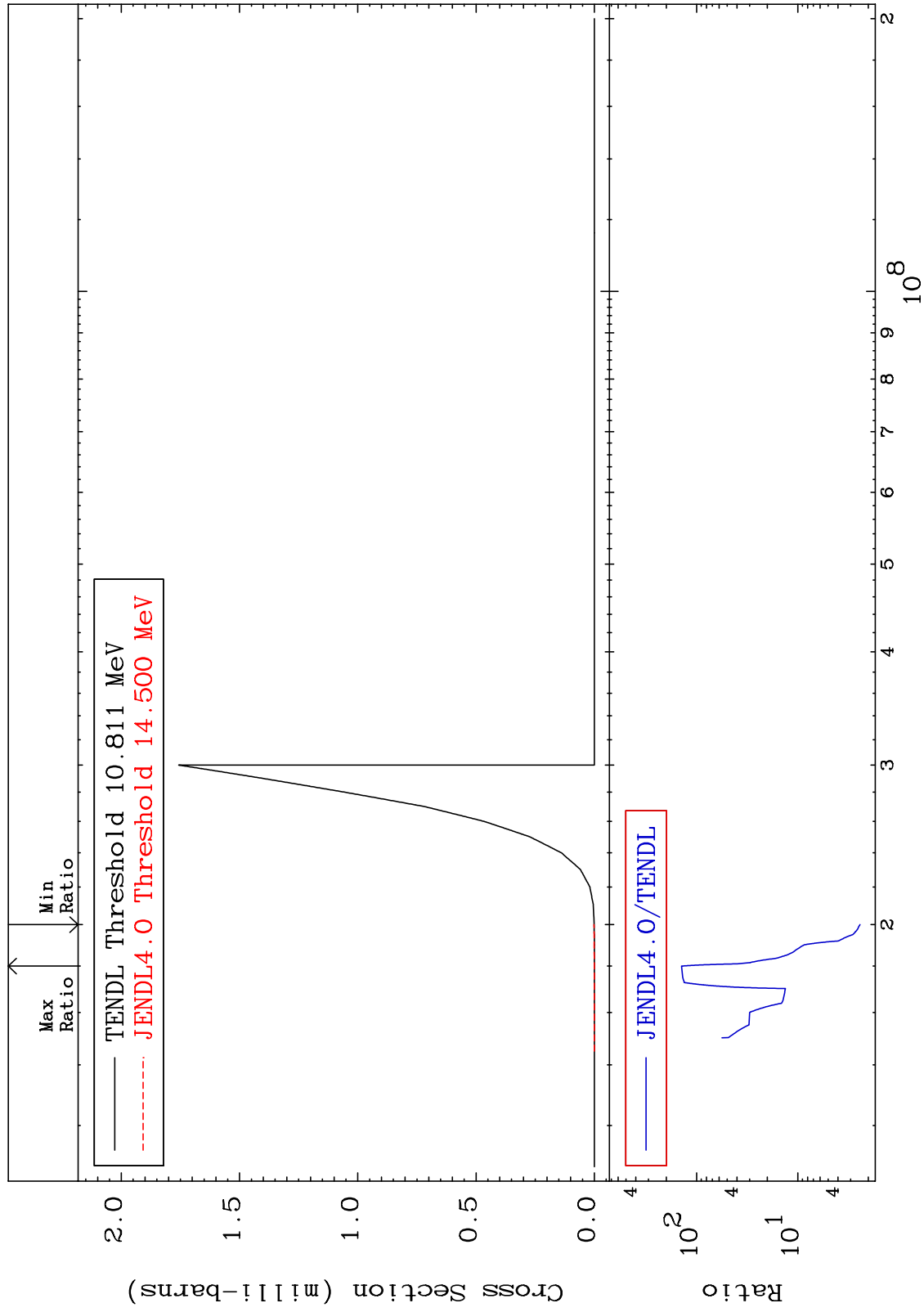
MAT 3437

(n, He-3)

34-Se-78

Cross Section

141.9 To 9999. %



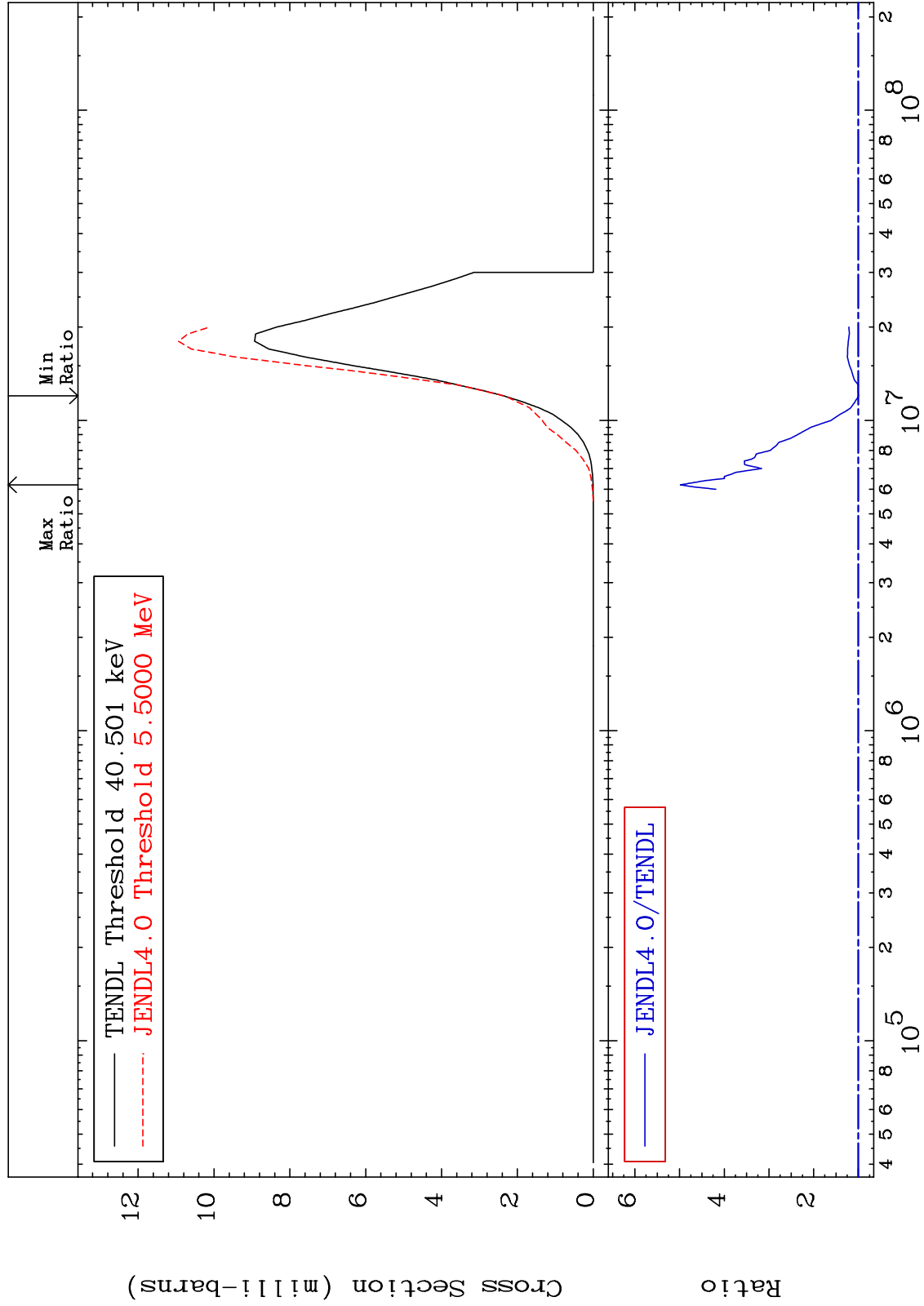
MAT 3437

(n, α)

³⁴Se-78

Cross Section

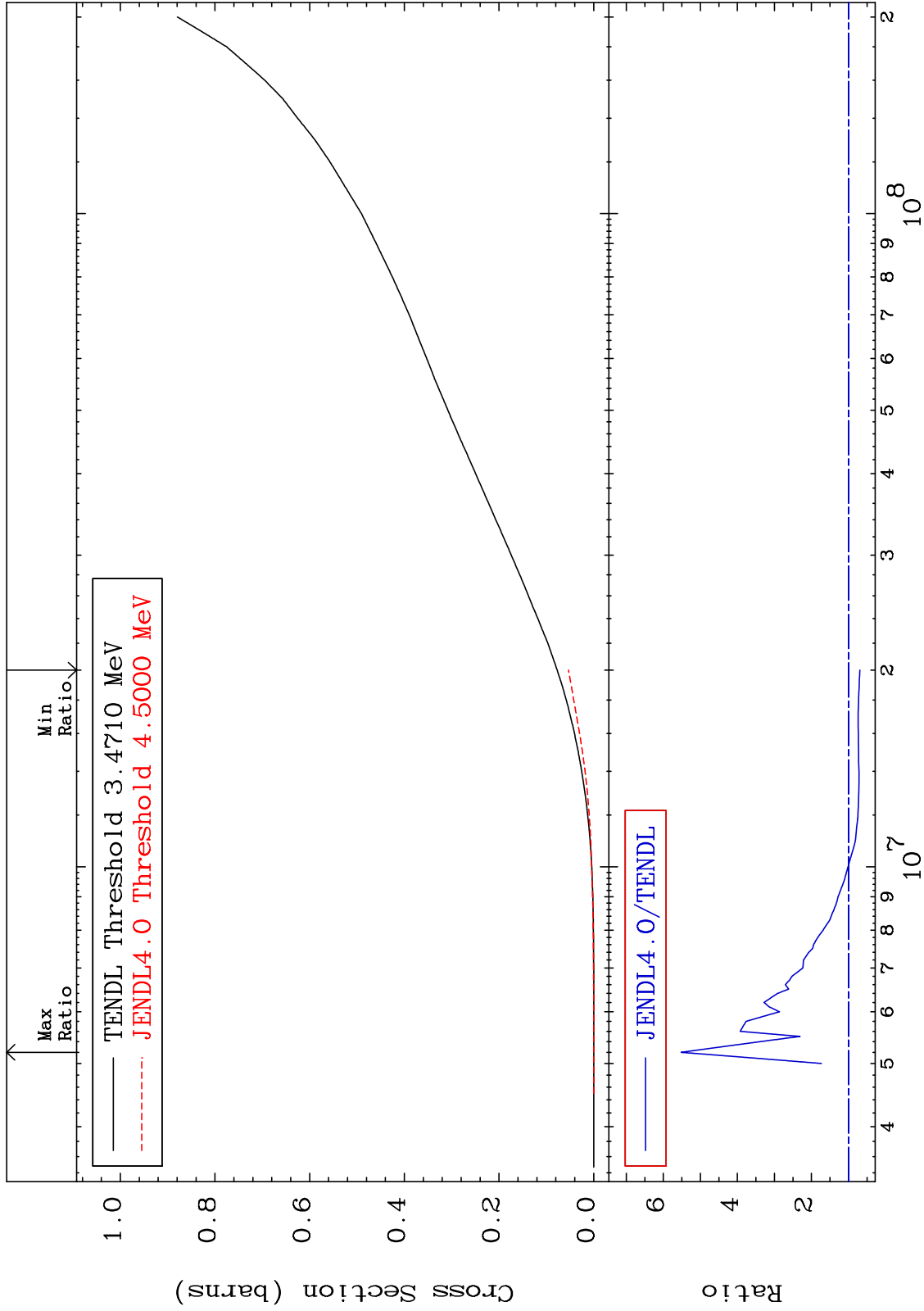
-0.442 To 398.1 %



MAT 3437

Hydrogen Production
Cross Section

³⁴Se-78
-30.92 To 451.7 %



45

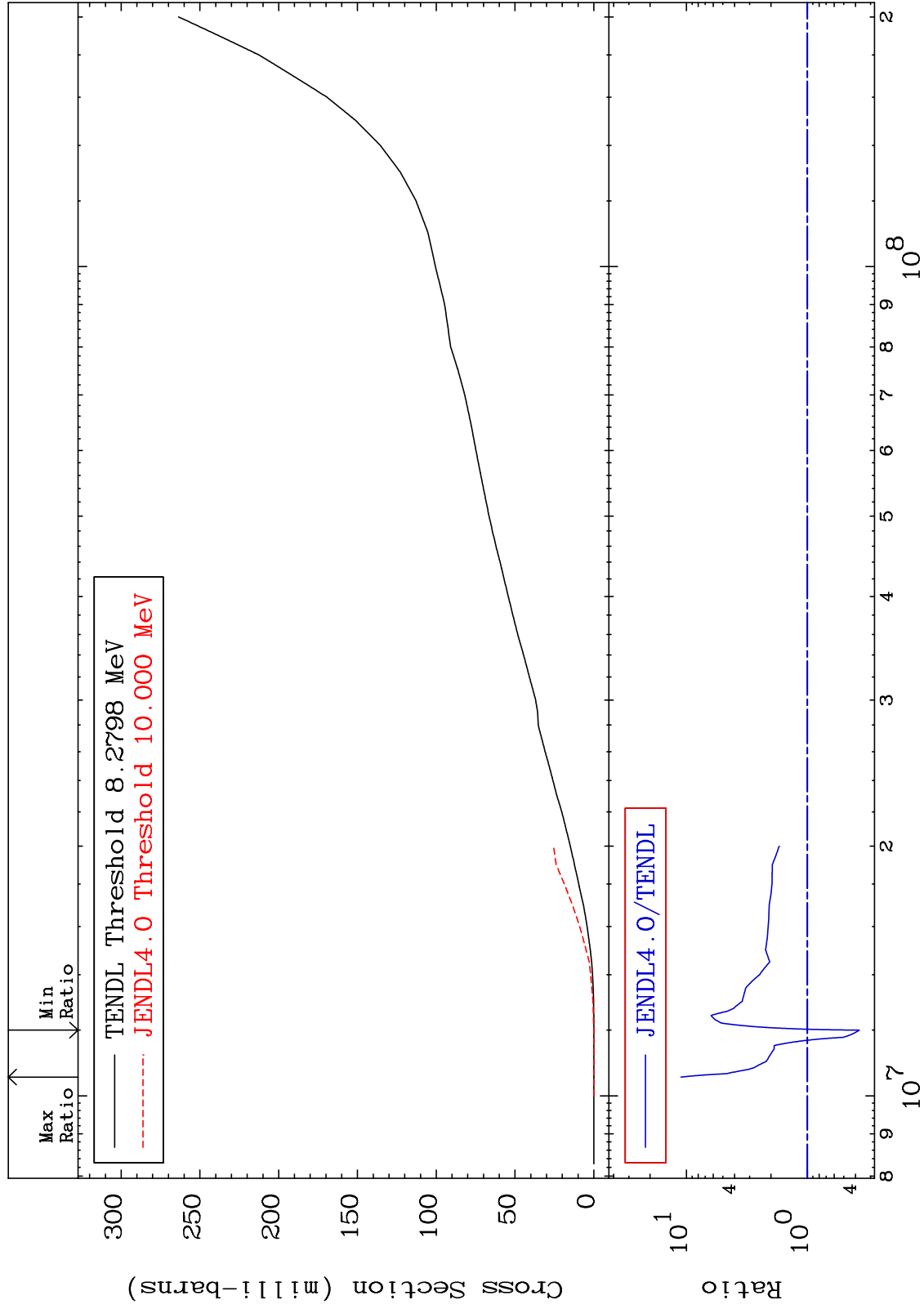
Incident Energy (eV)

³⁴Se-78

MAT 3437

Deuterium Production
Cross Section

³⁴Se-78
-62.83 To 1009. %



46

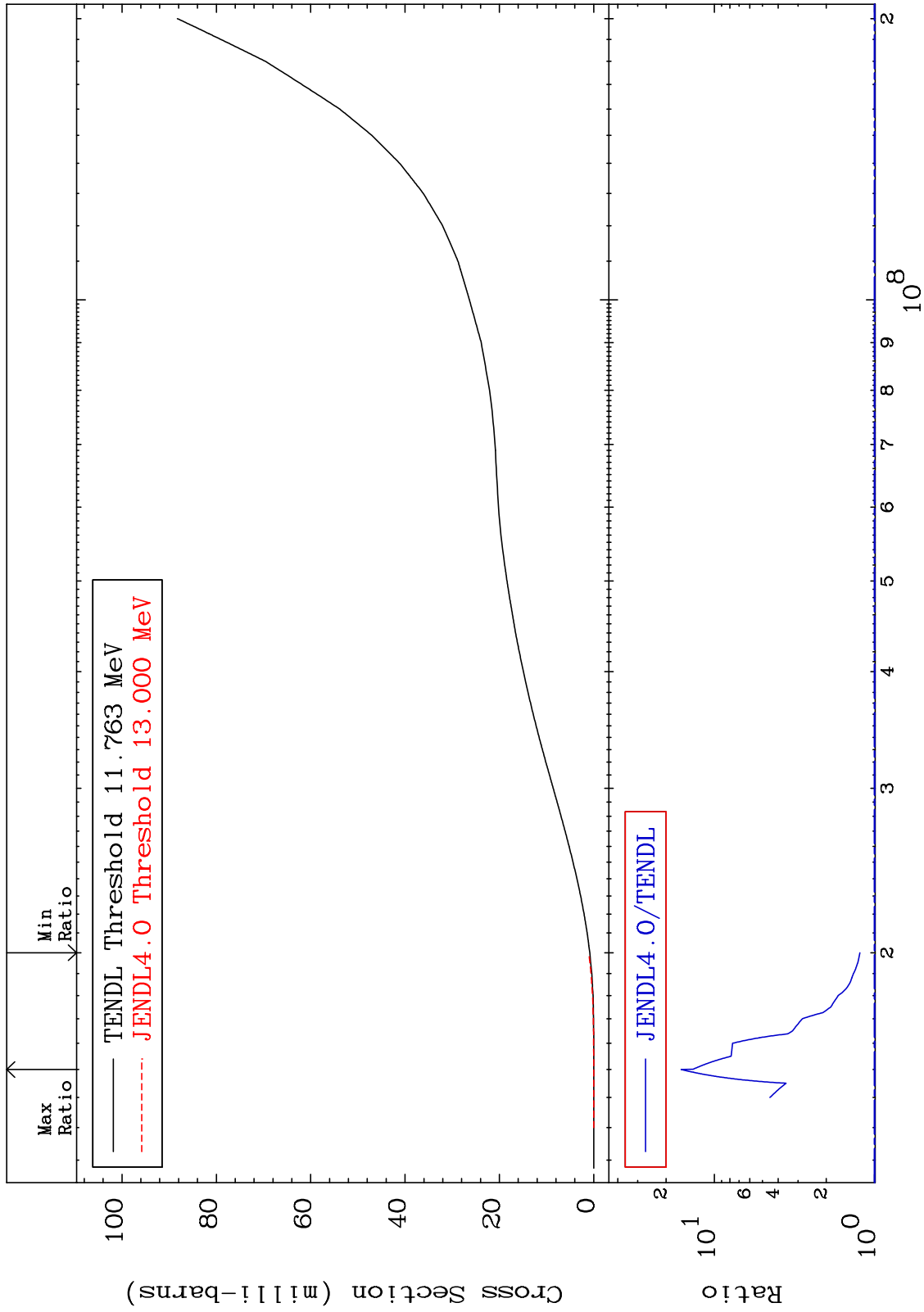
Incident Energy (eV)

³⁴Se-78

MAT 3437

Tritium Production
Cross Section

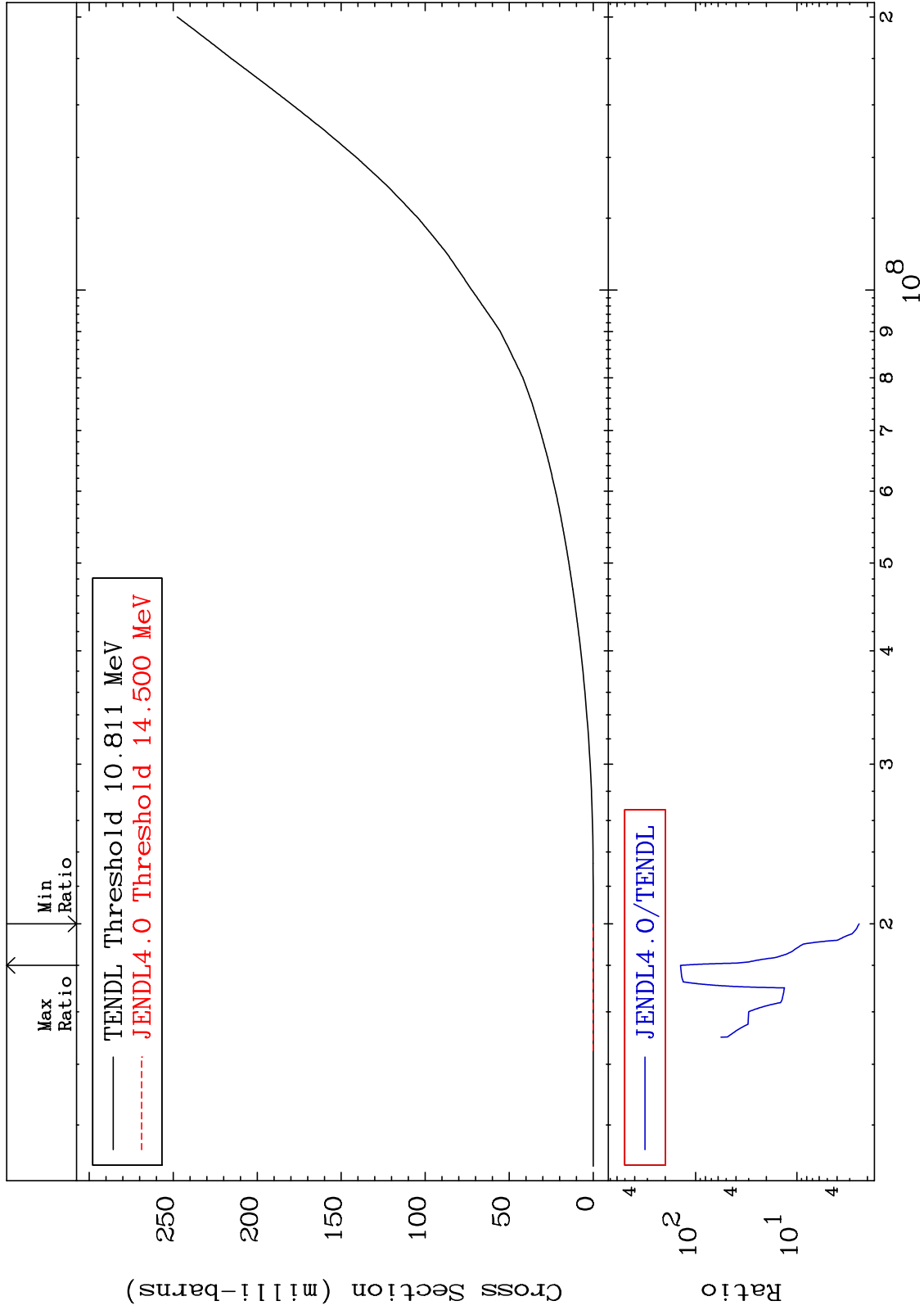
³⁴Se-78
23.42 To 1507. %



MAT 3437

He-3 Production
Cross Section

34-Se-78
141.9 To 9999. %



34-Se-78

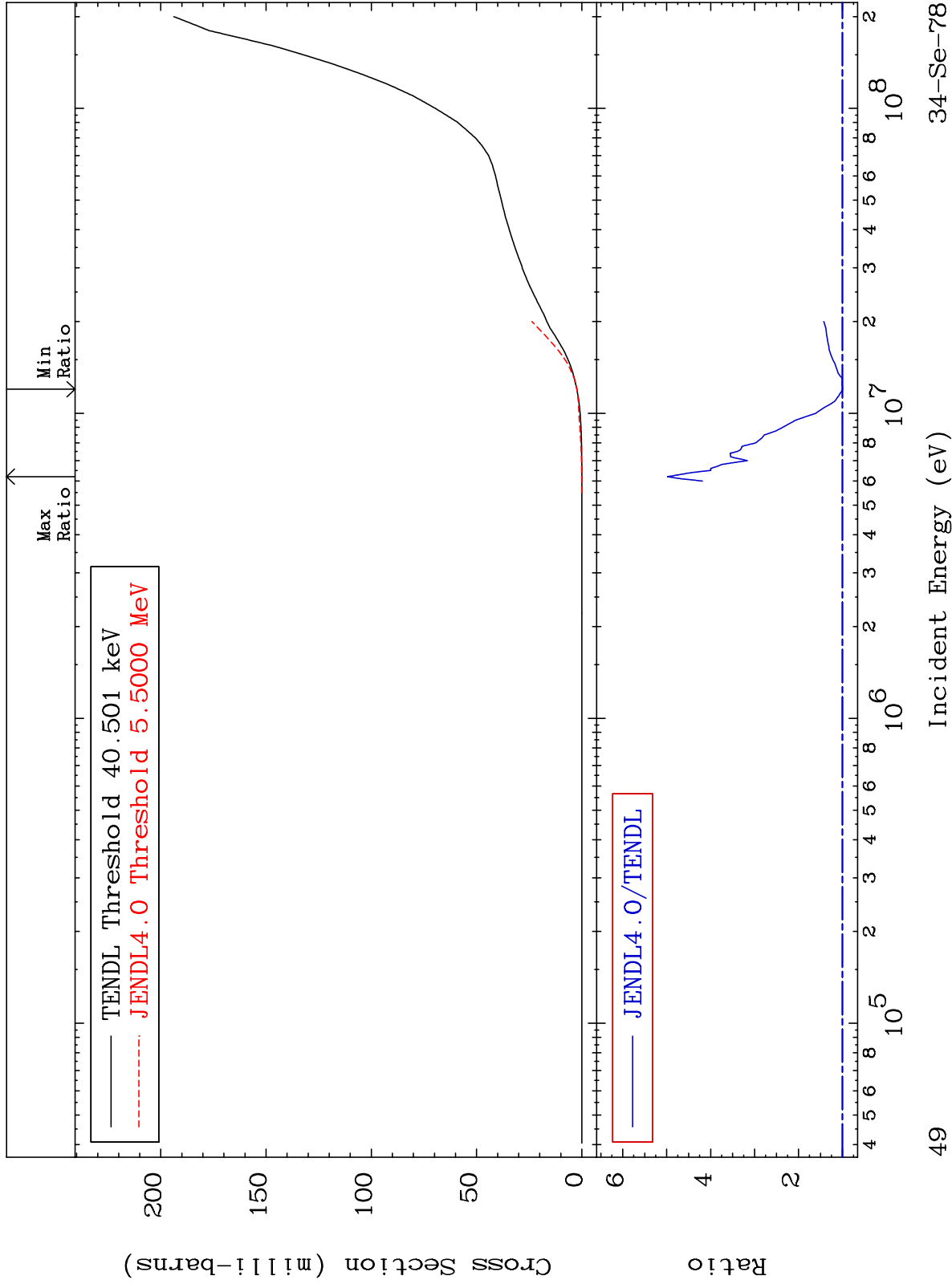
Incident Energy (eV)

48

MAT 3437

He-4 Production
Cross Section

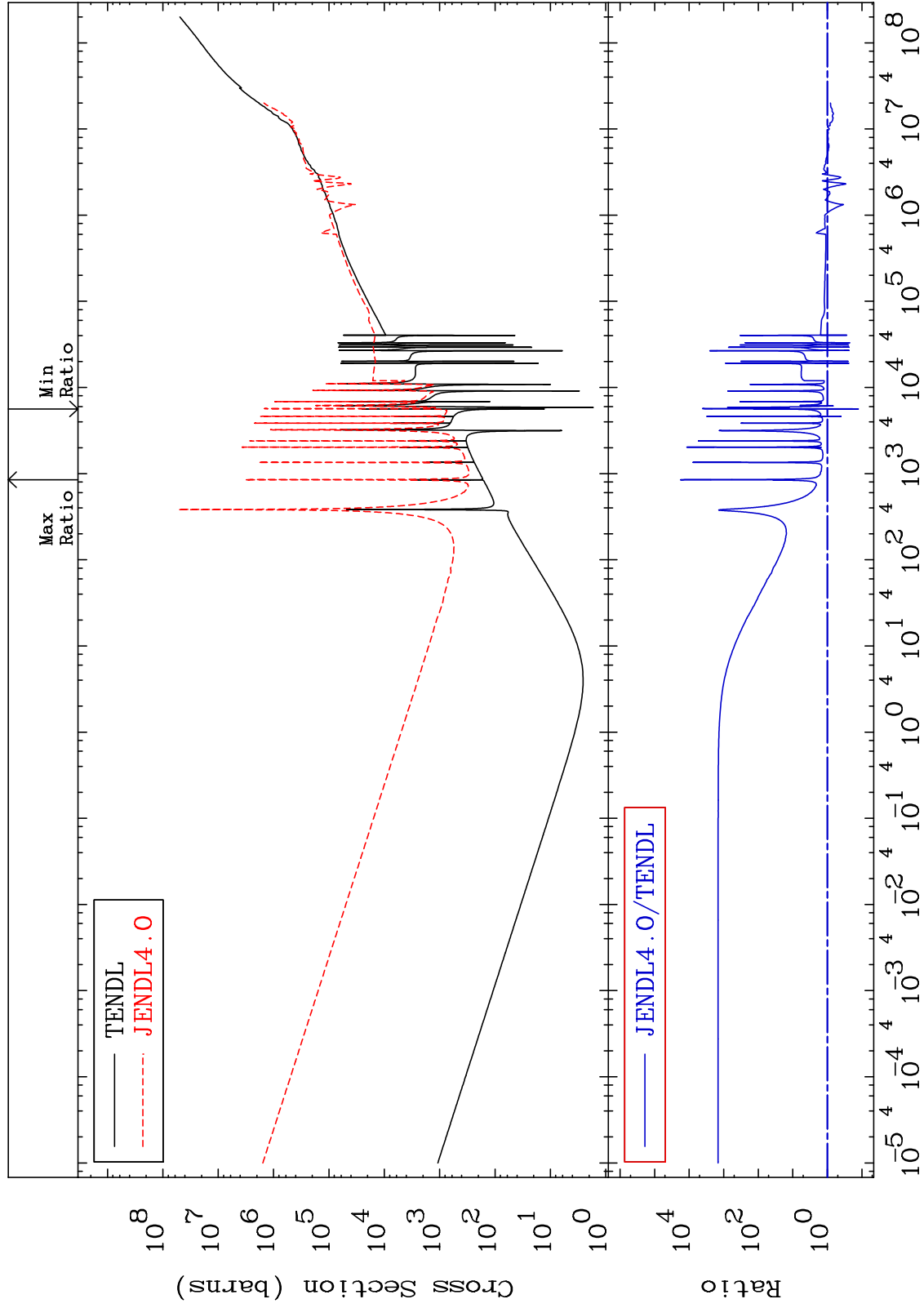
34-Se-78
-0.461 To 398.1 %



MAT 3437

Kerma total (eV-barns)
Cross Section

34-Se-78
-87.49 To 9999. %



50

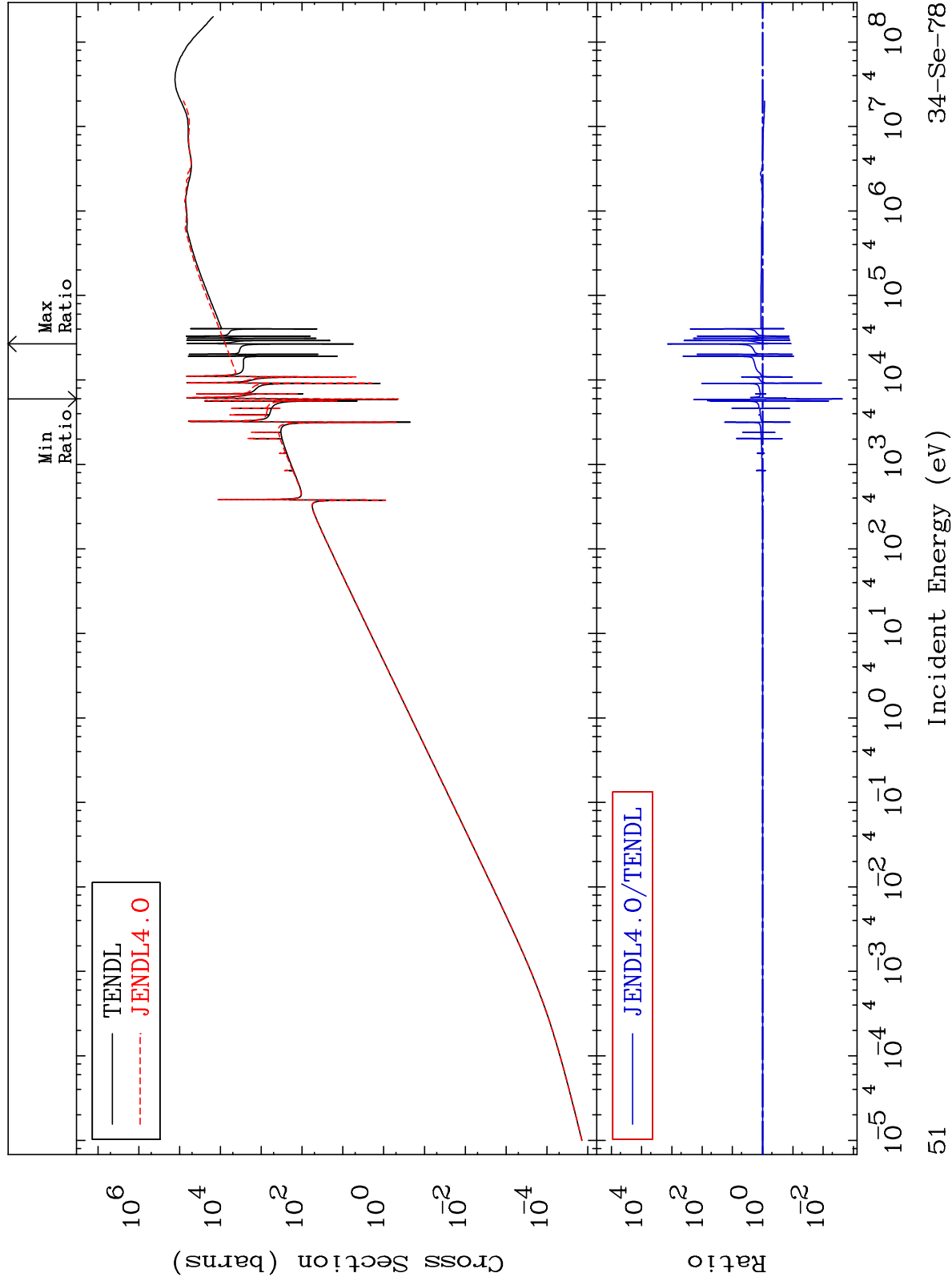
Incident Energy (eV)

34-Se-78

MAT 3437

Kerma elastic
Cross Section

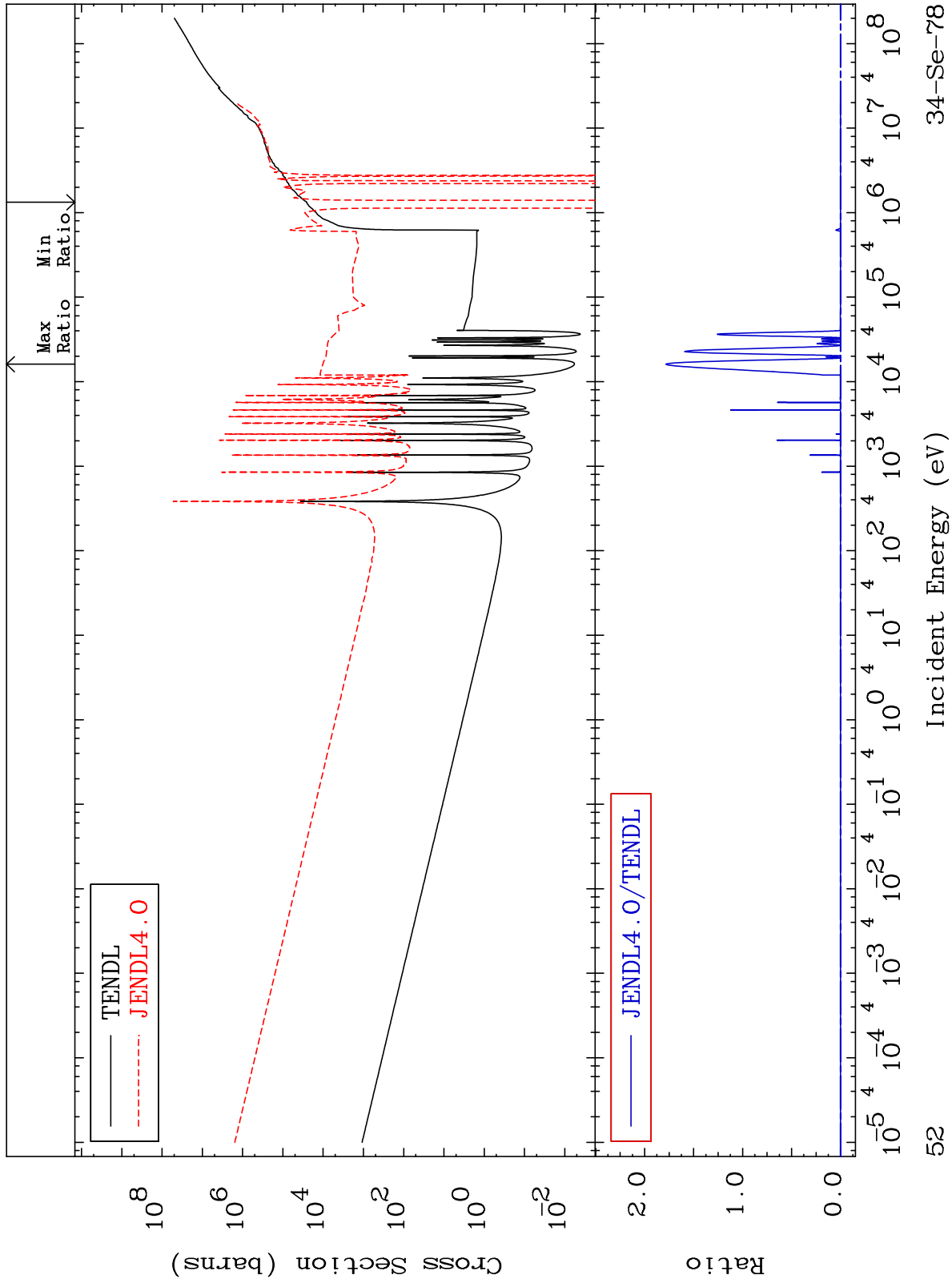
34-Se-78
-99.76 To 9999. %



MAT 3437

Kerma non-elastic (all but mt2)
Cross Section

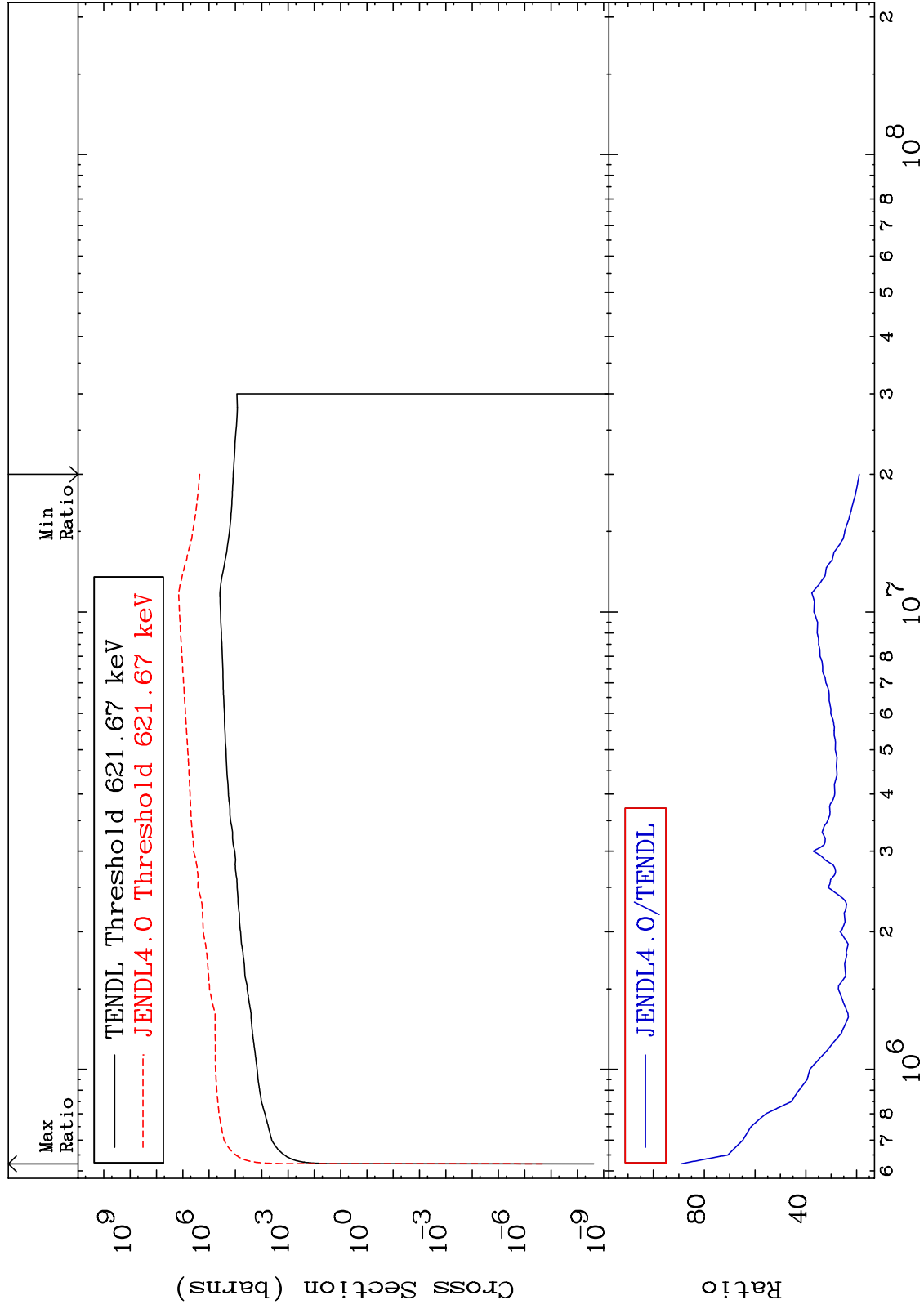
34-Se-78
-267.0 To 9999. %



MAT 3437

Kerma inelastic (mt51-91)
Cross Section

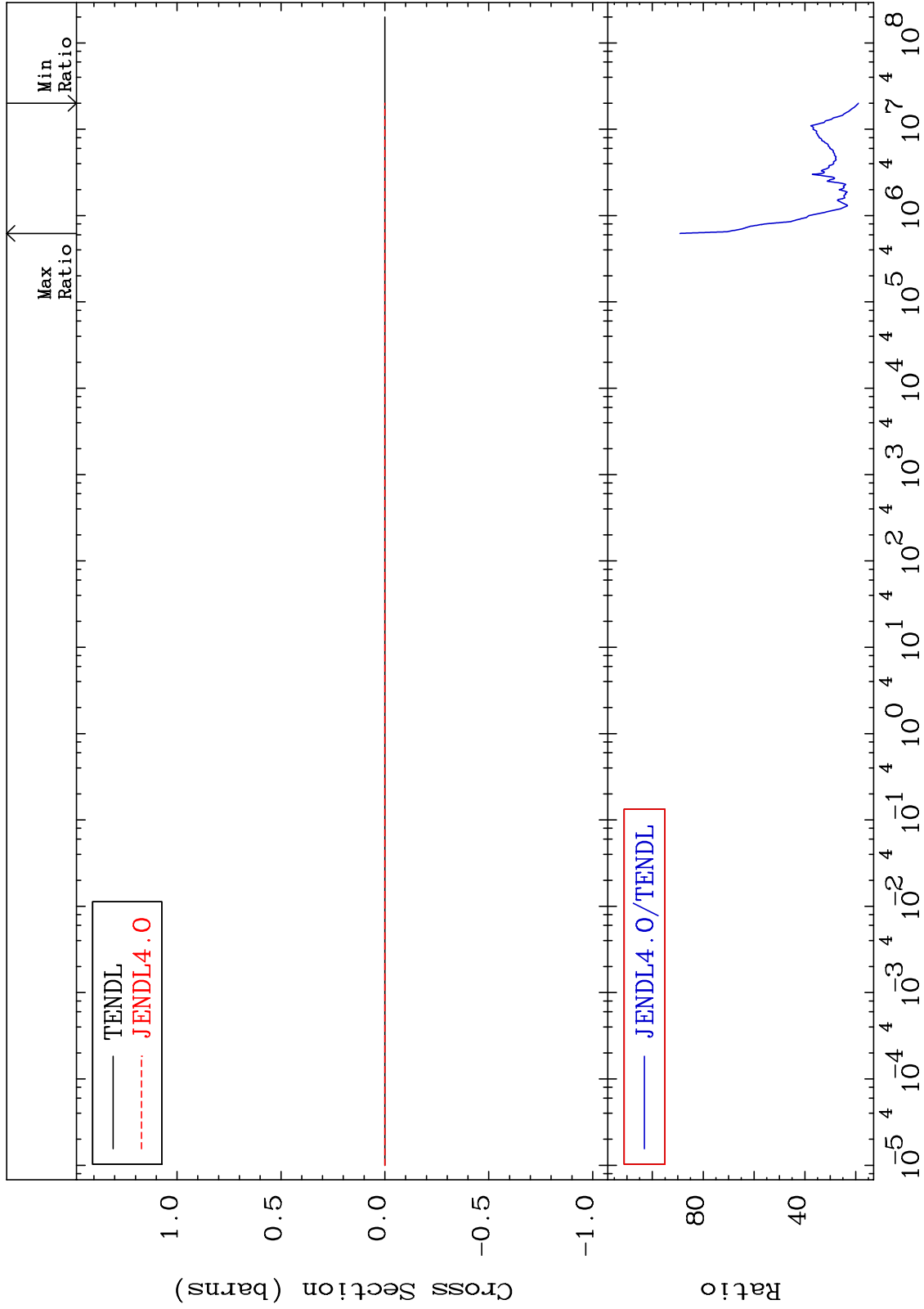
34-Se-78
1792. To 8811. %



MAT 3437

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

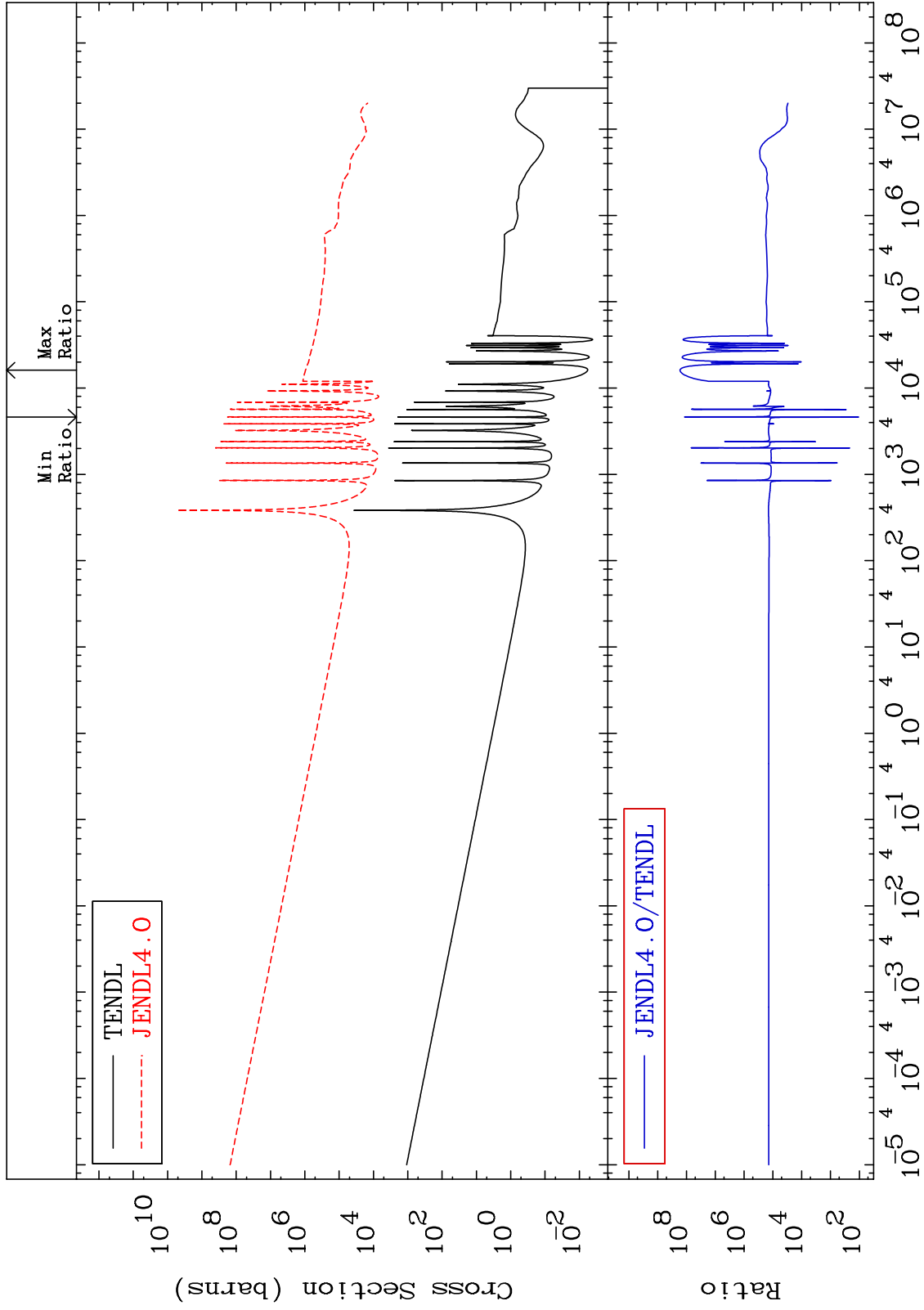
34-Se-78
1792. To 8811. %



MAT 3437

Kerma capture (mt102)
Cross Section

34-Se-78
9999. To 9999. %



55

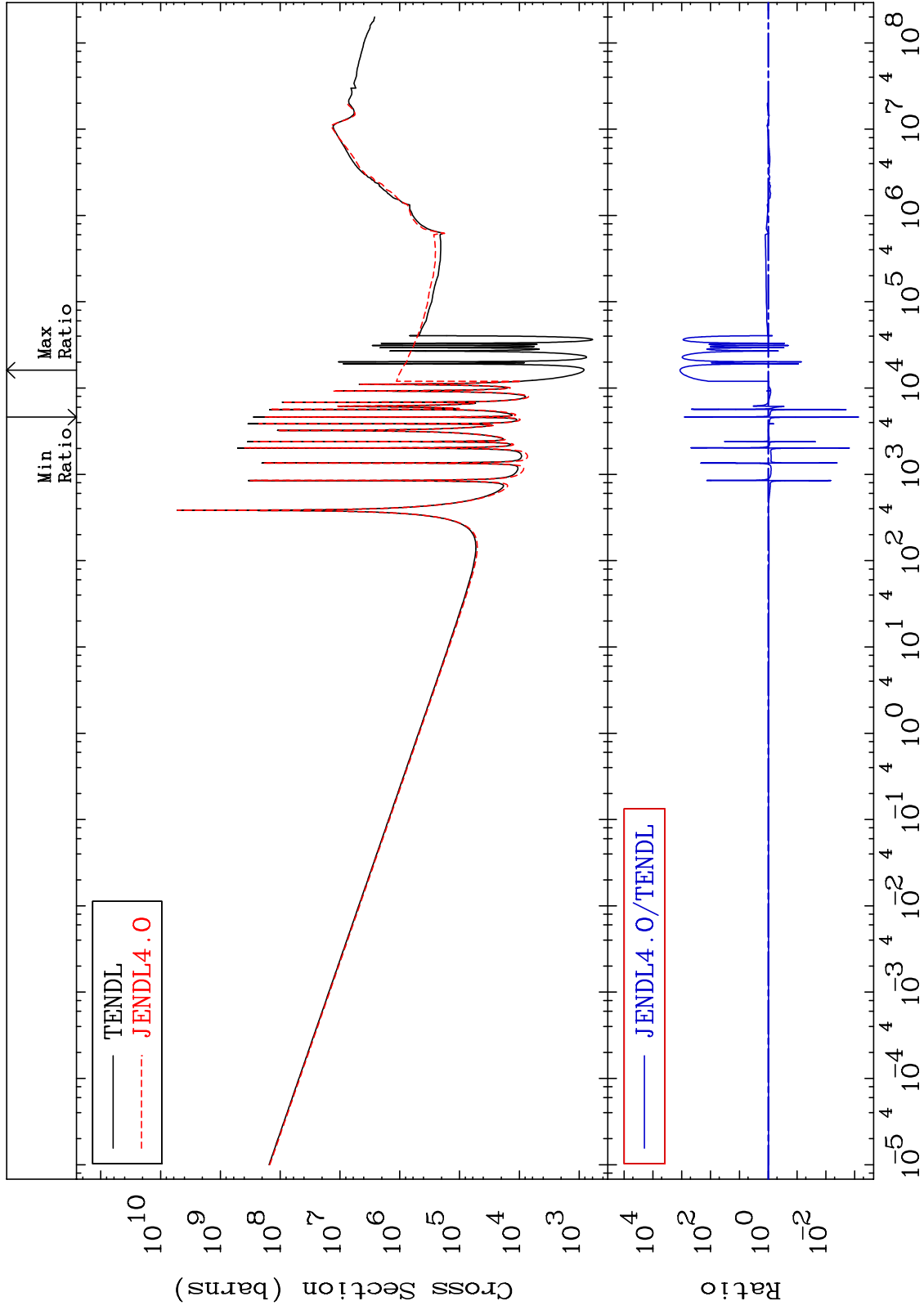
Incident Energy (eV)

34-Se-78

MAT 3437

Total photon (eV-barns)
Cross Section

34-Se-78
-99.93 To 9999. %



56

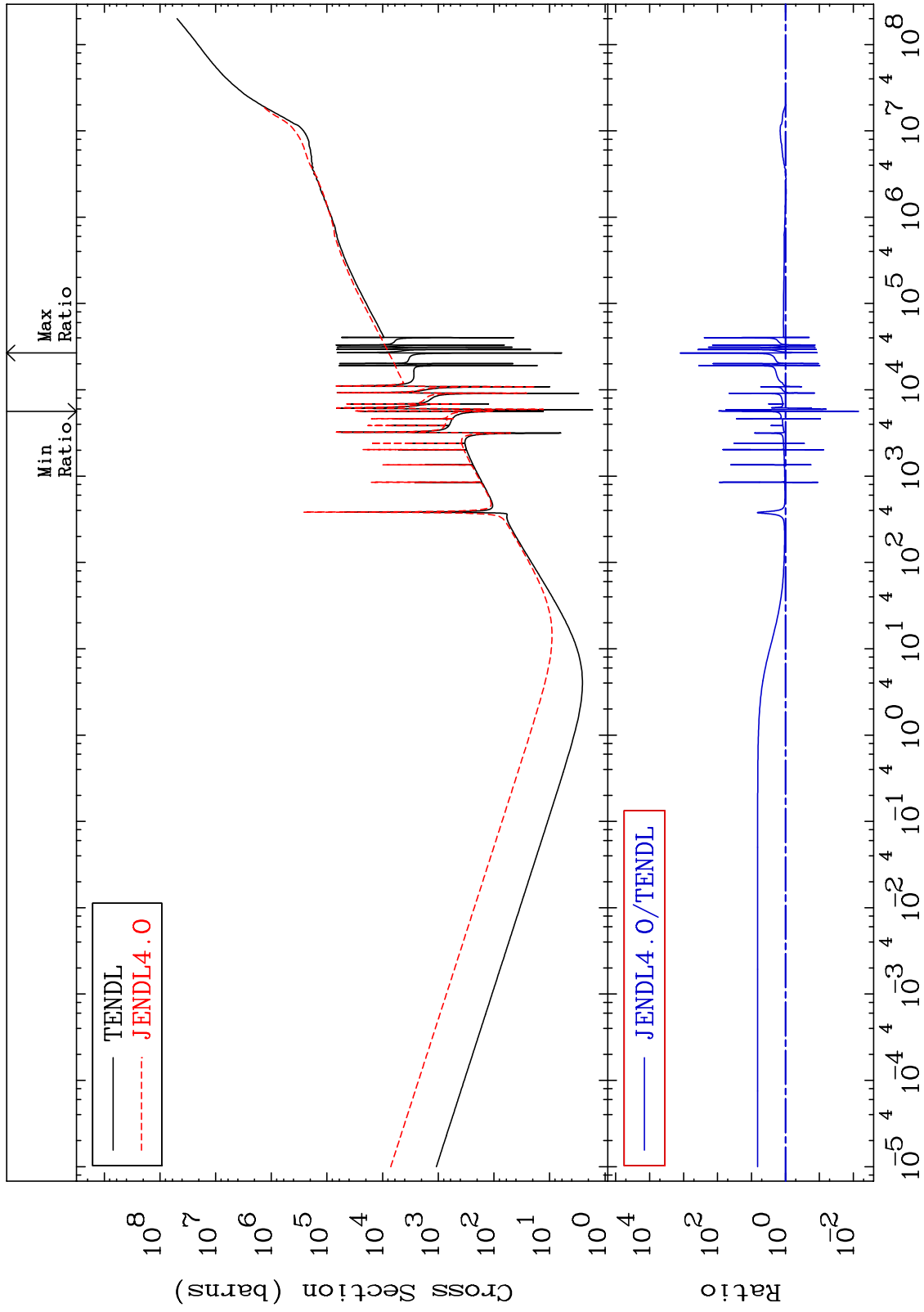
Incident Energy (eV)

34-Se-78

MAT 3437

Total kinematic kerma (high limit)
Cross Section

34-Se-78
-99.29 To 9999. %



57

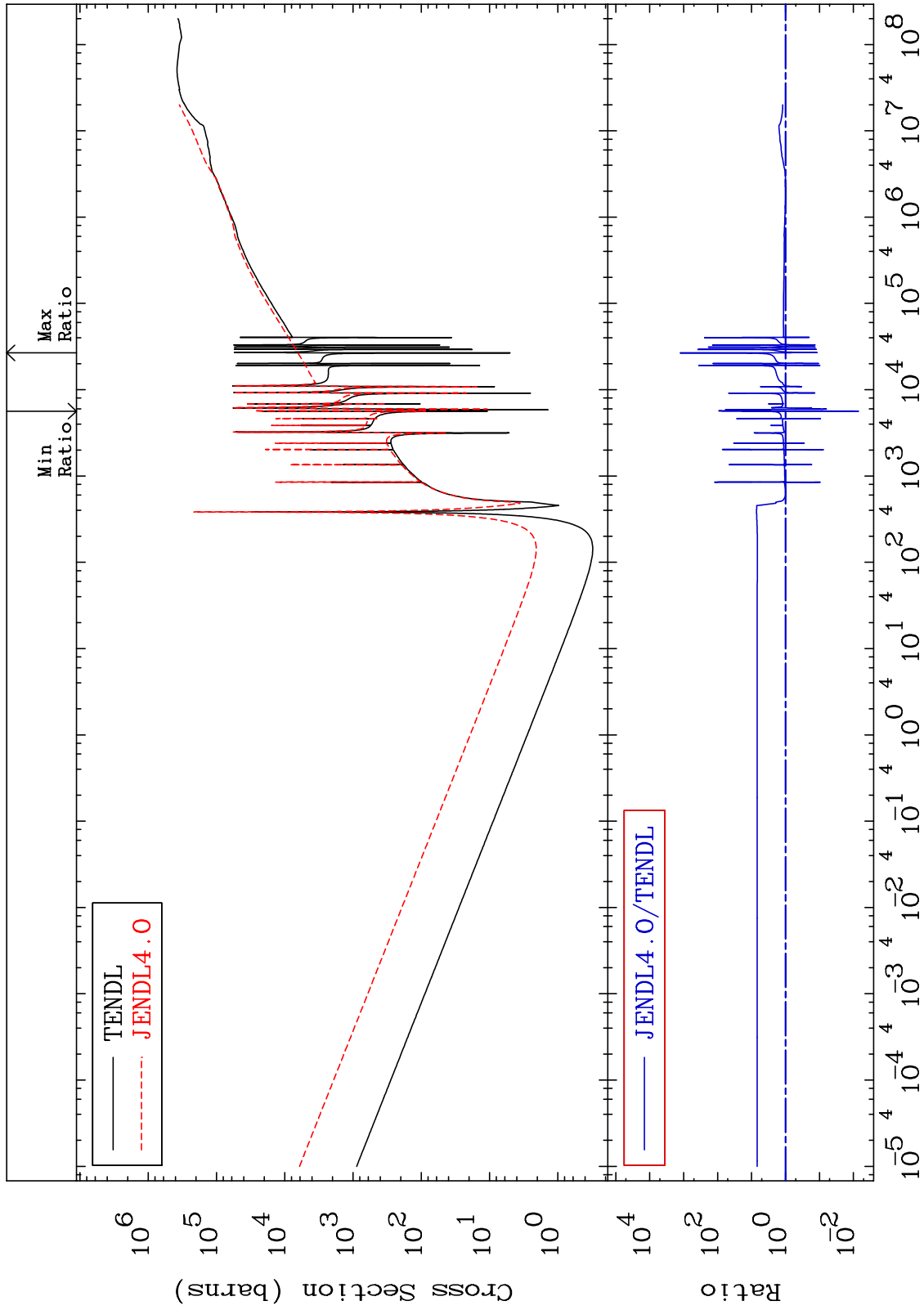
Incident Energy (eV)

34-Se-78

MAT 3437

Dpa total (eV-barns)
Cross Section

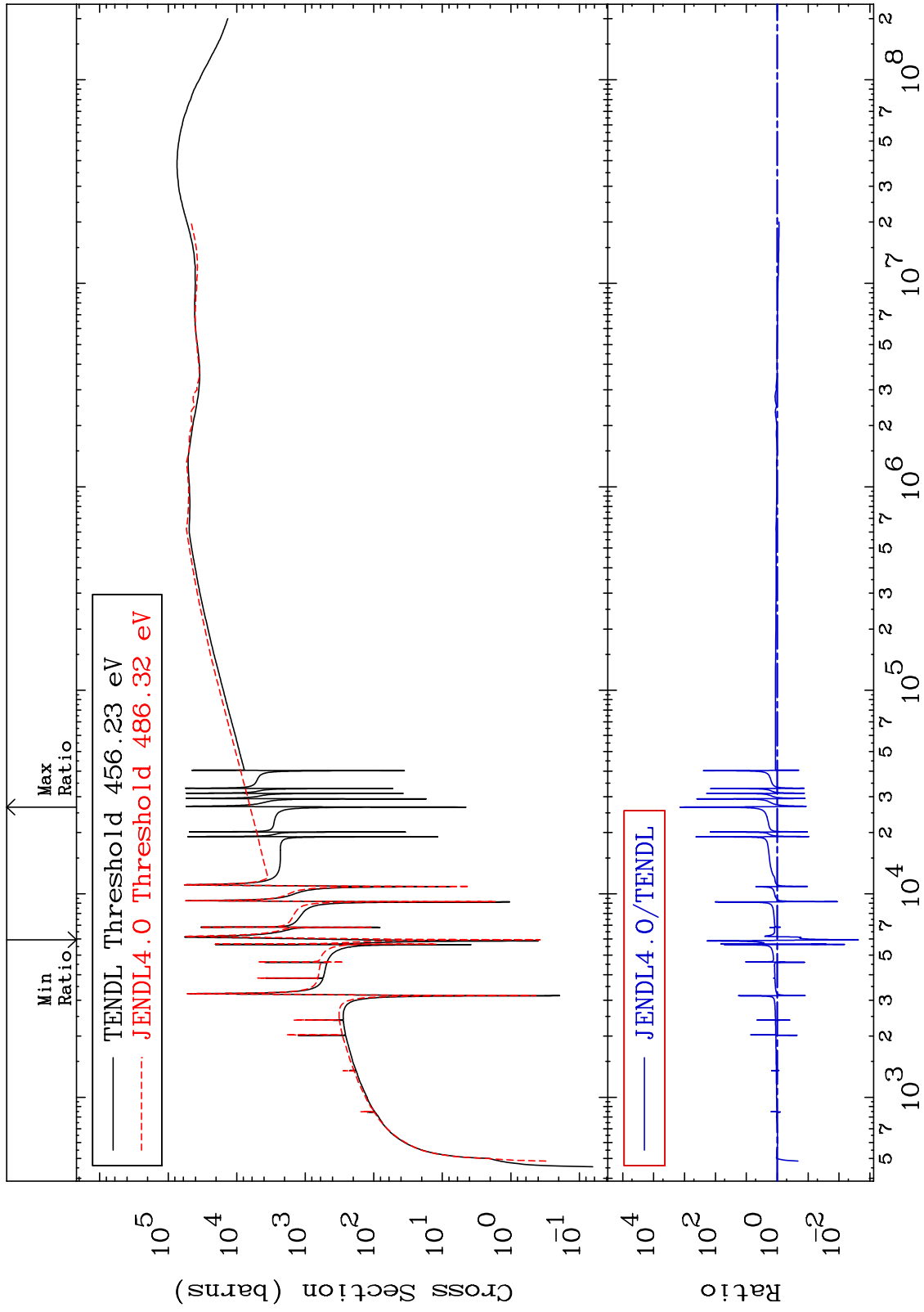
34-Se-78
-99.29 To 9999. %



MAT 3437

Dpa elastic (mt2)
Cross Section

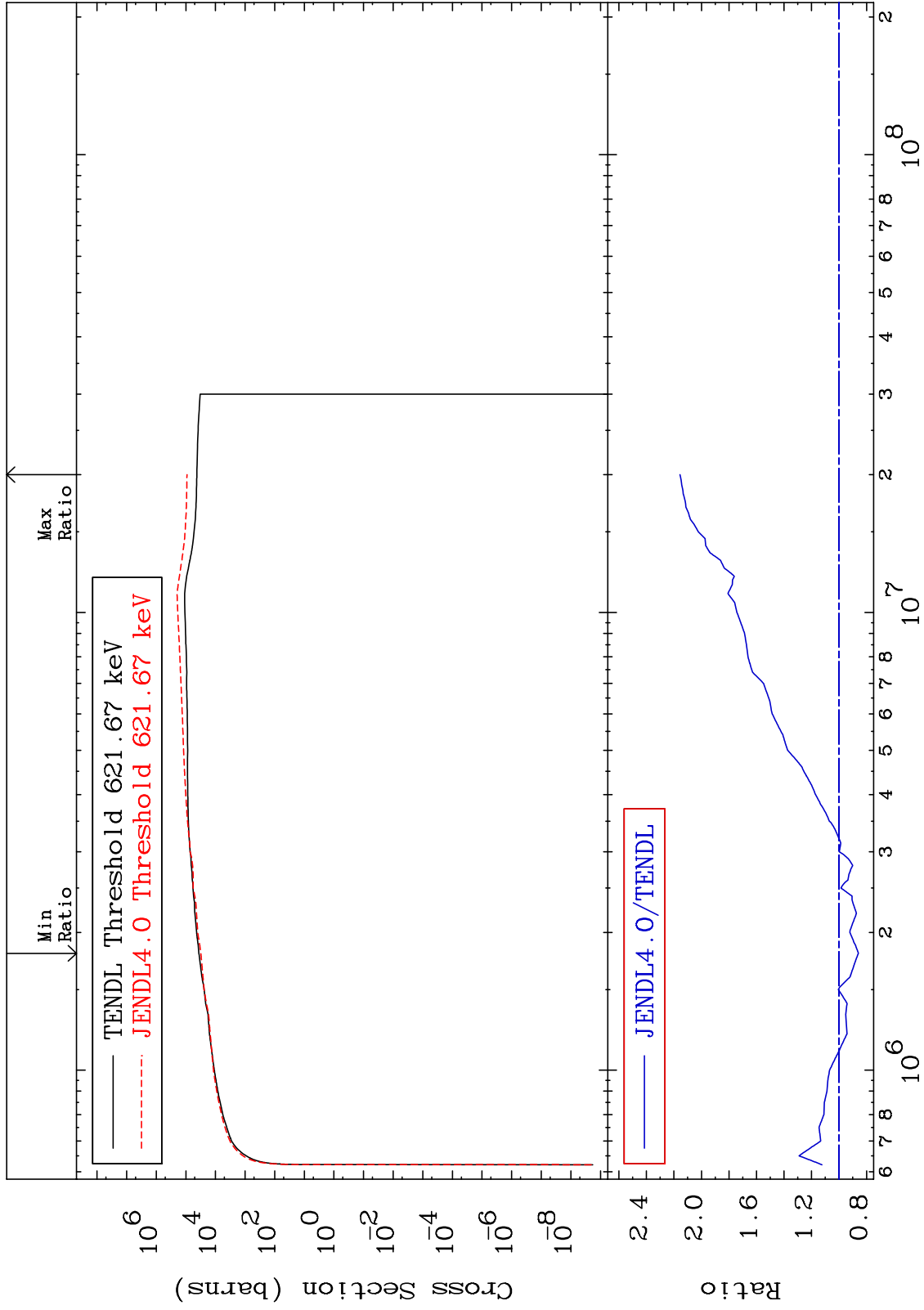
34-Se-78
-99.76 To 9999. %



MAT 3437

Dpa inelastic (mt51-91)
Cross Section

34-Se-78
-14.09 To 115.6 %



60

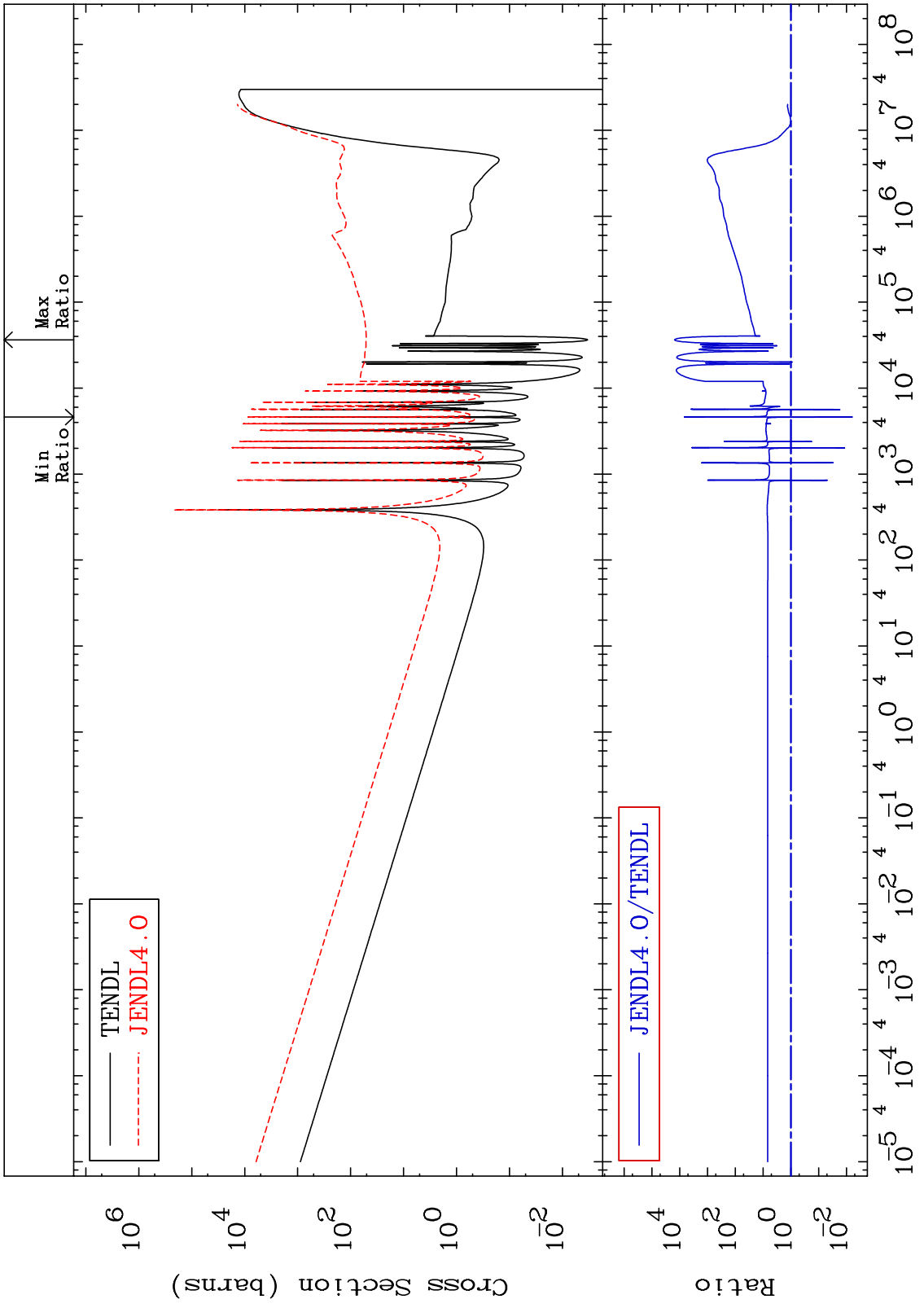
Incident Energy (eV)

34-Se-78

MAT 3437

Dpa disappearance (mt102 -120)
Cross Section

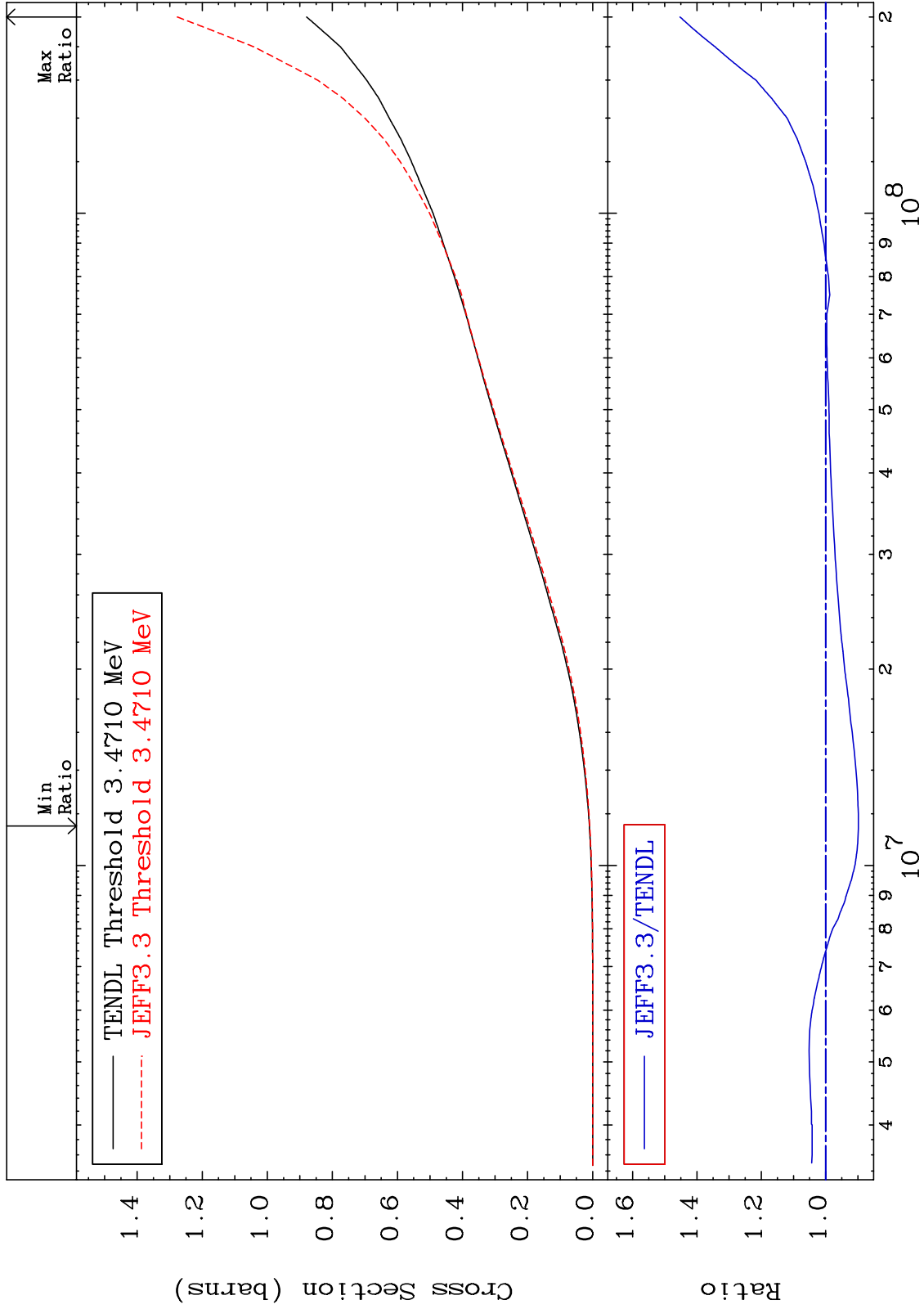
34-Se-78
-99.38 To 9999. %



MAT 3437

Hydrogen Production
Cross Section

34-Se-78
-10.17 To 45.26 %



62

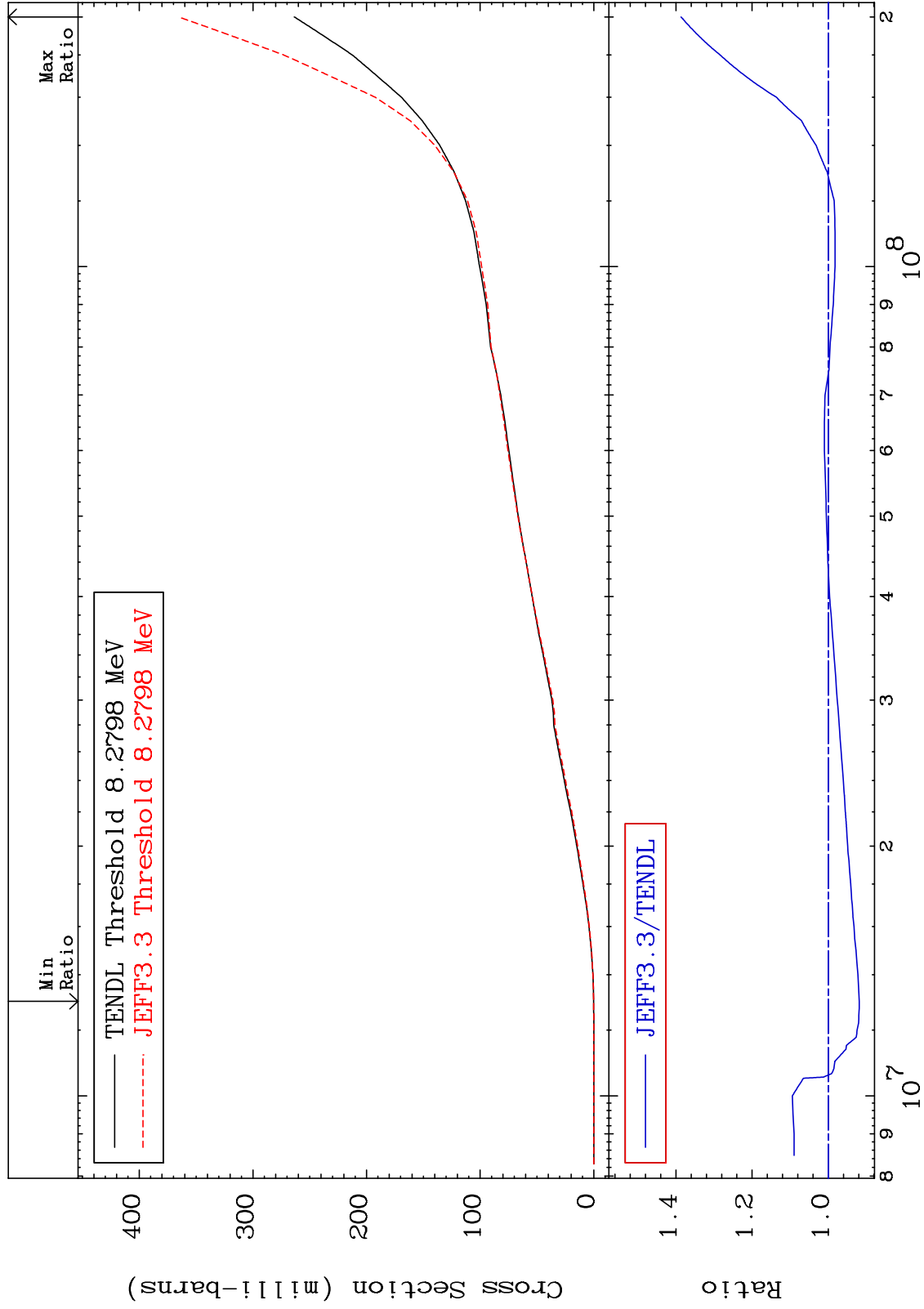
Incident Energy (eV)

34-Se-78

MAT 3437

Deuterium Production
Cross Section

³⁴Se-78
-8.152 To 38.66 %



63

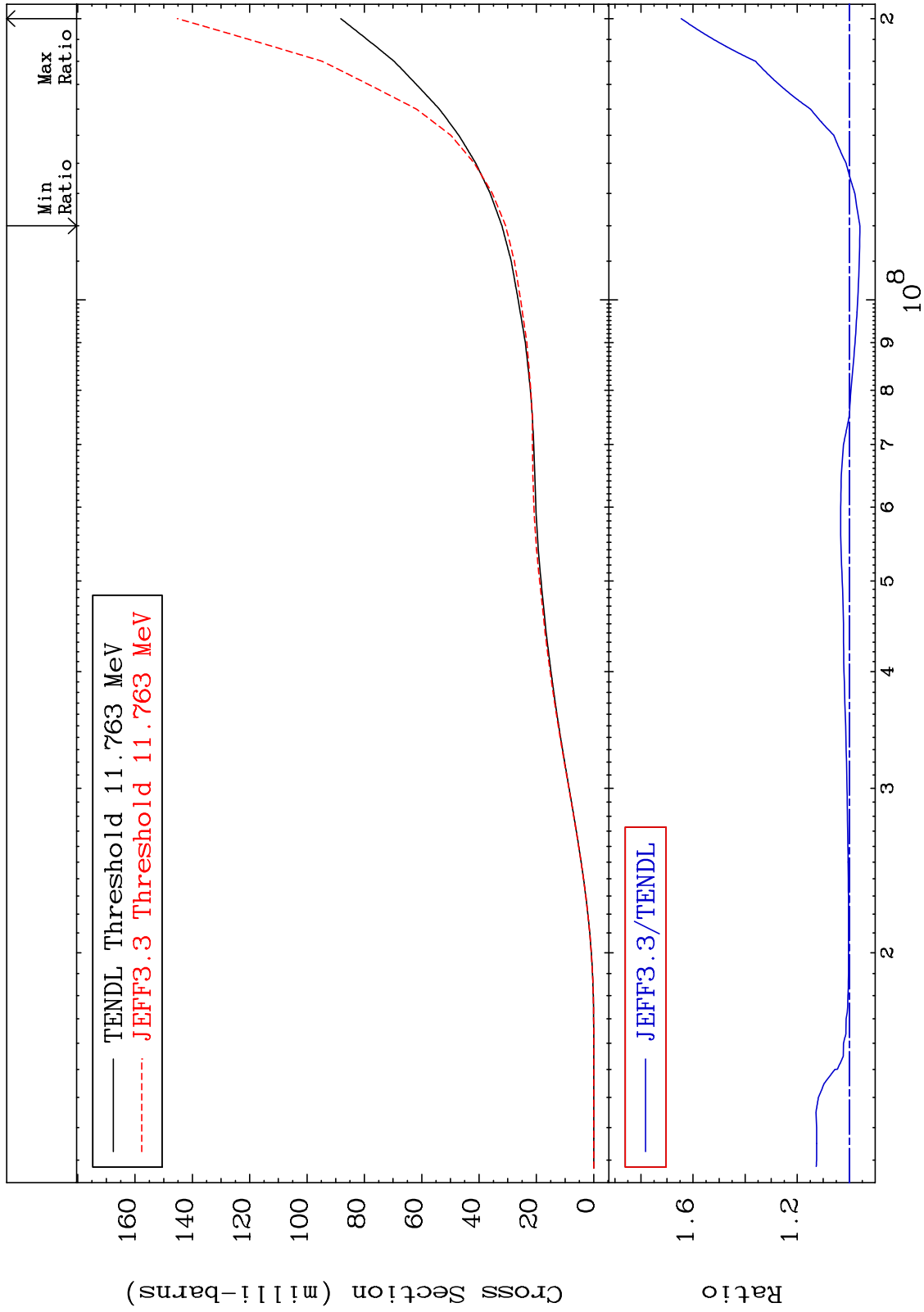
Incident Energy (eV)

³⁴Se-78

MAT 3437

Tritium Production
Cross Section

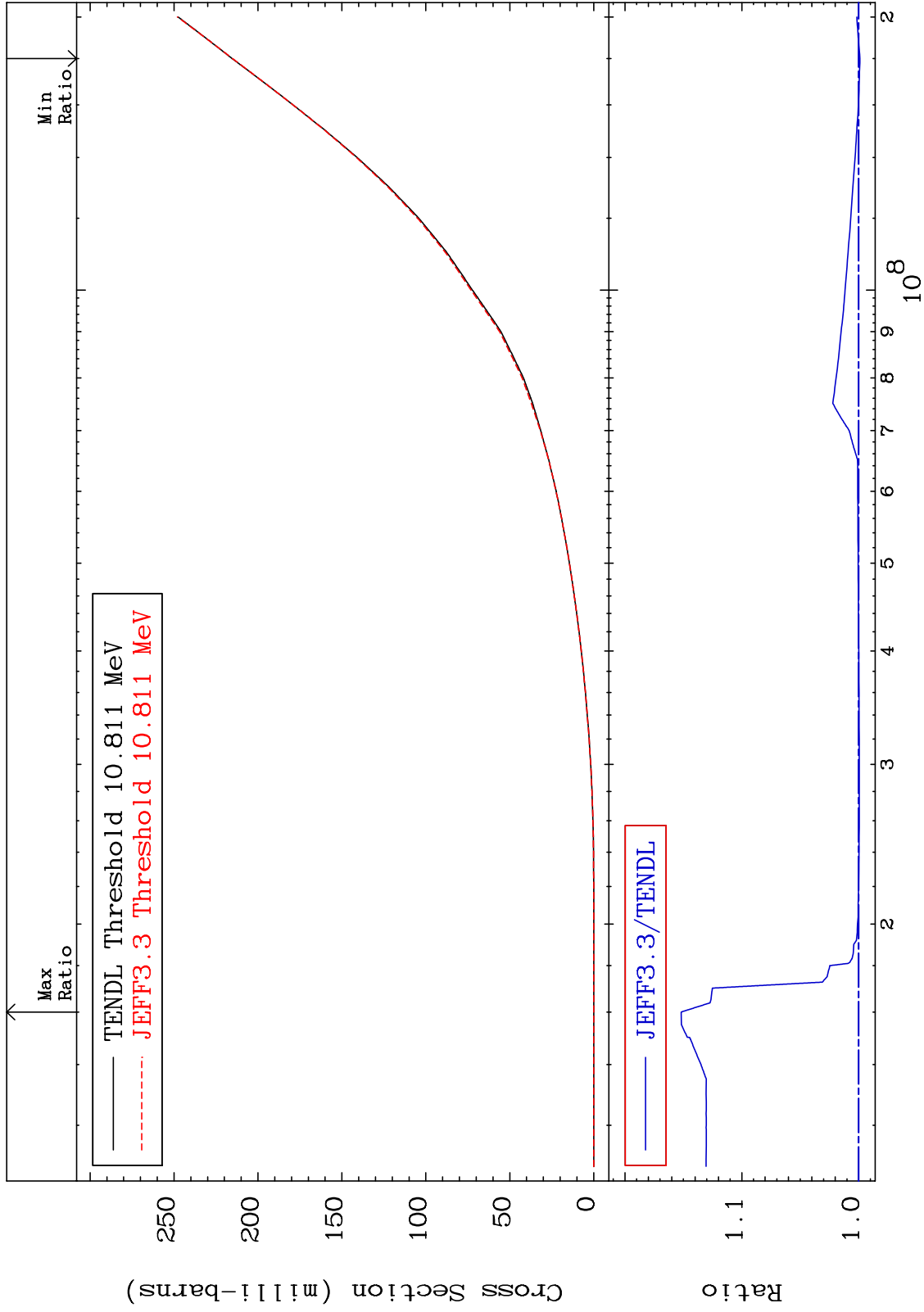
34-Se-78
-4.074 To 64.54 %



MAT 3437

He-3 Production
Cross Section

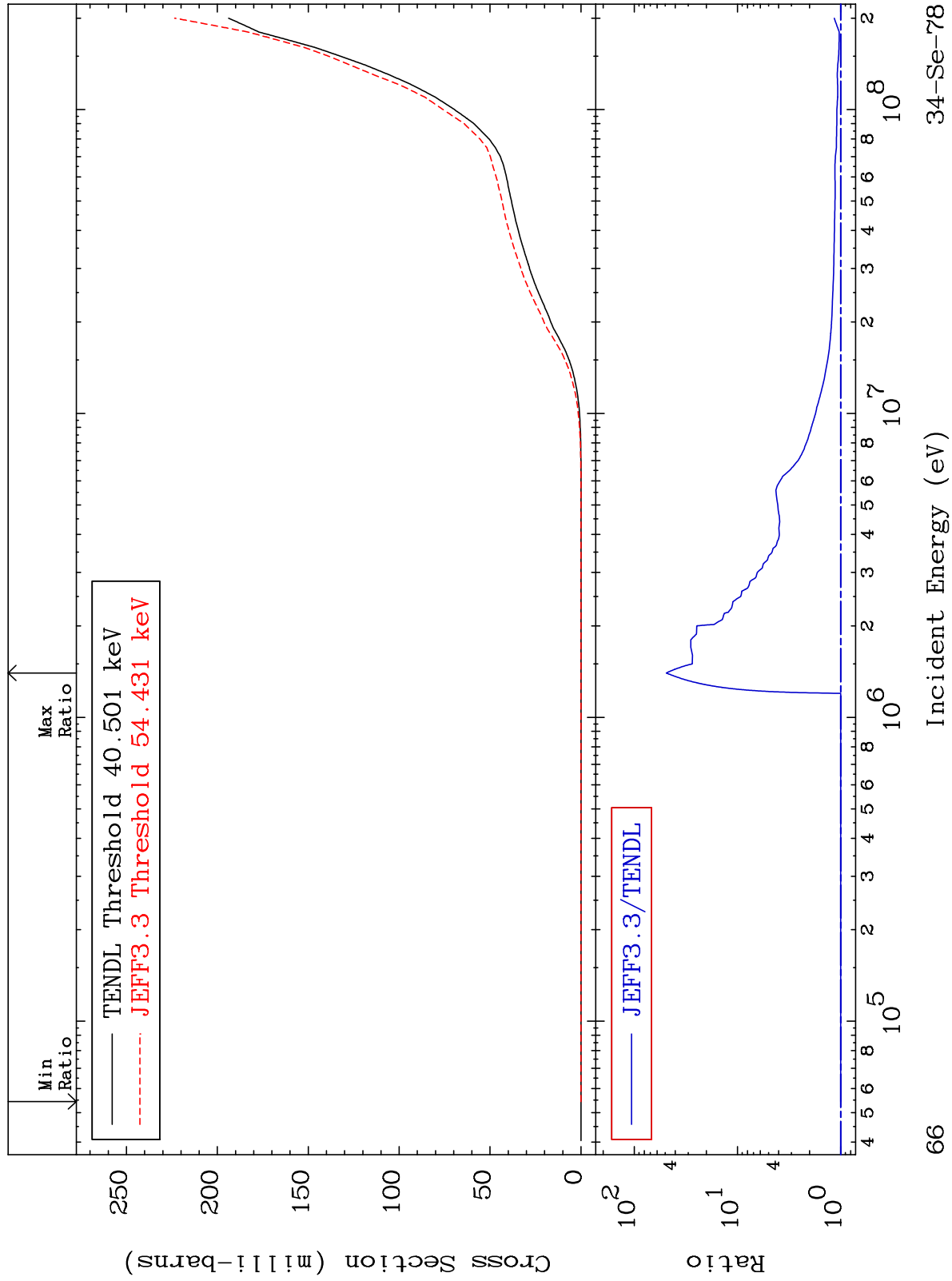
$^{34}\text{Se-78}$
-0.109 To 15.18 %



MAT 3437

He-4 Production
Cross Section

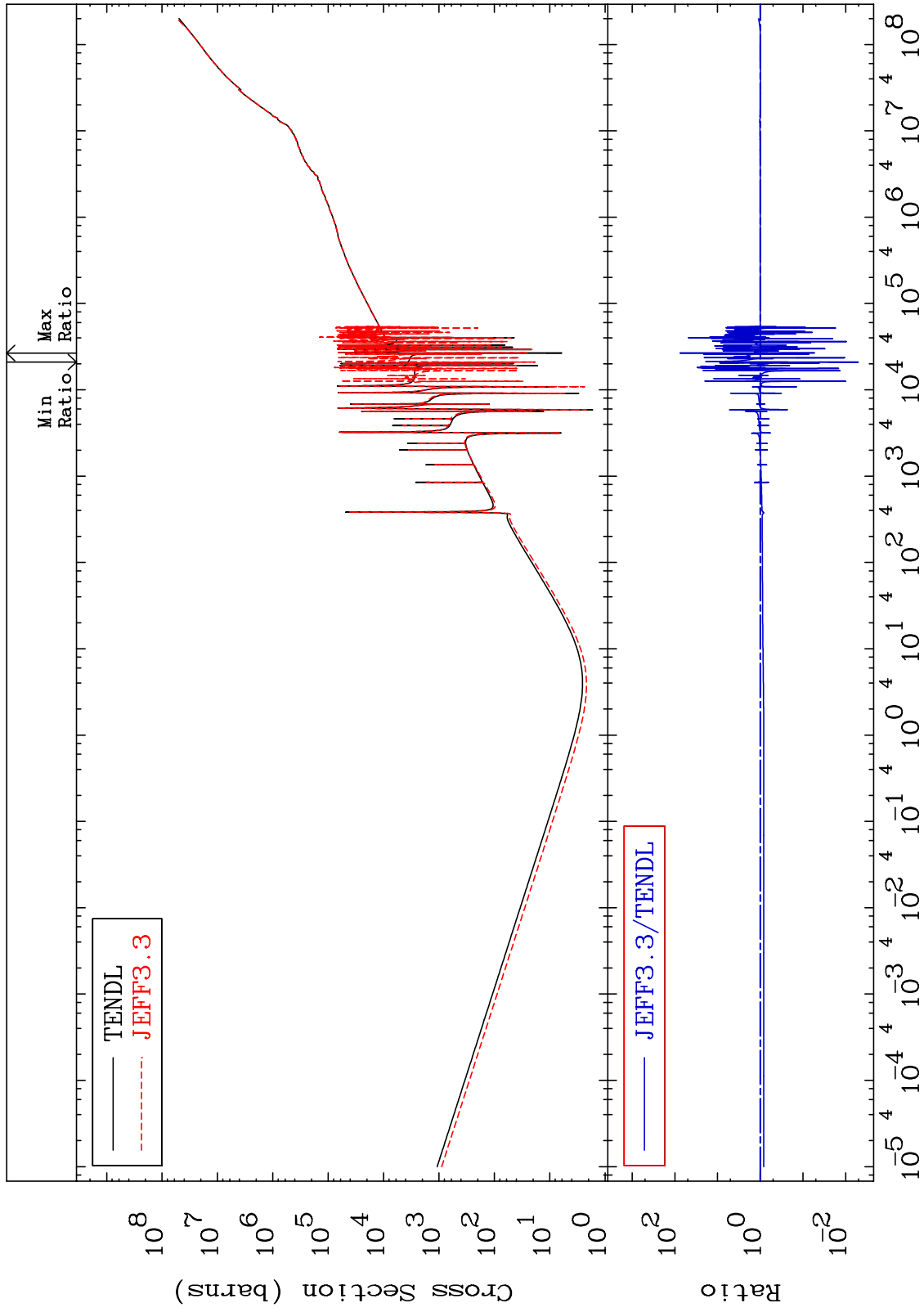
34-Se-78
0.000 To 4785. %



MAT 3437

Kerma total (eV-barns)
Cross Section

34-Se-78
-99.49 To 7466. %



67

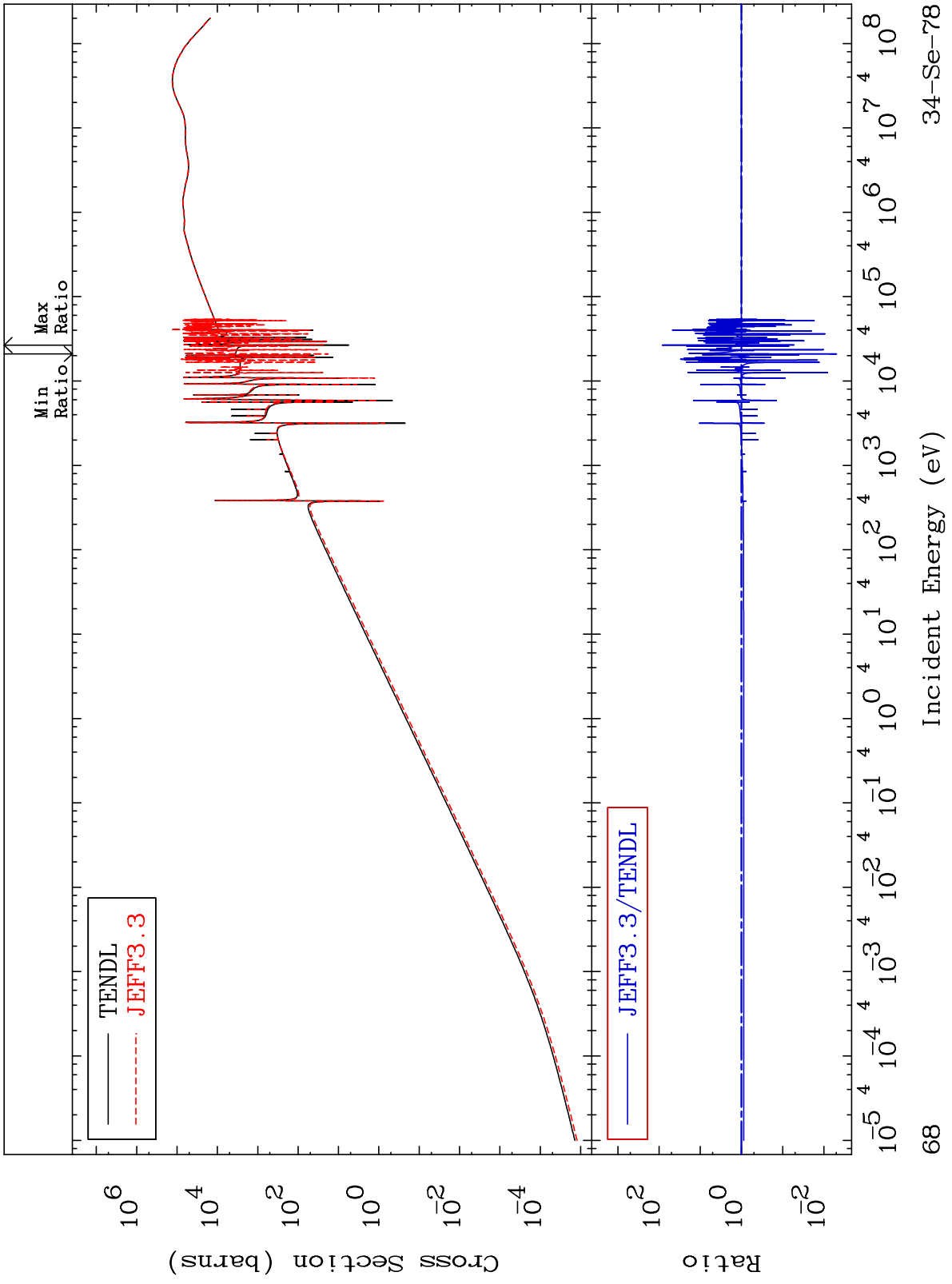
Incident Energy (eV)

34-Se-78

MAT 3437

Kerma elastic
Cross Section

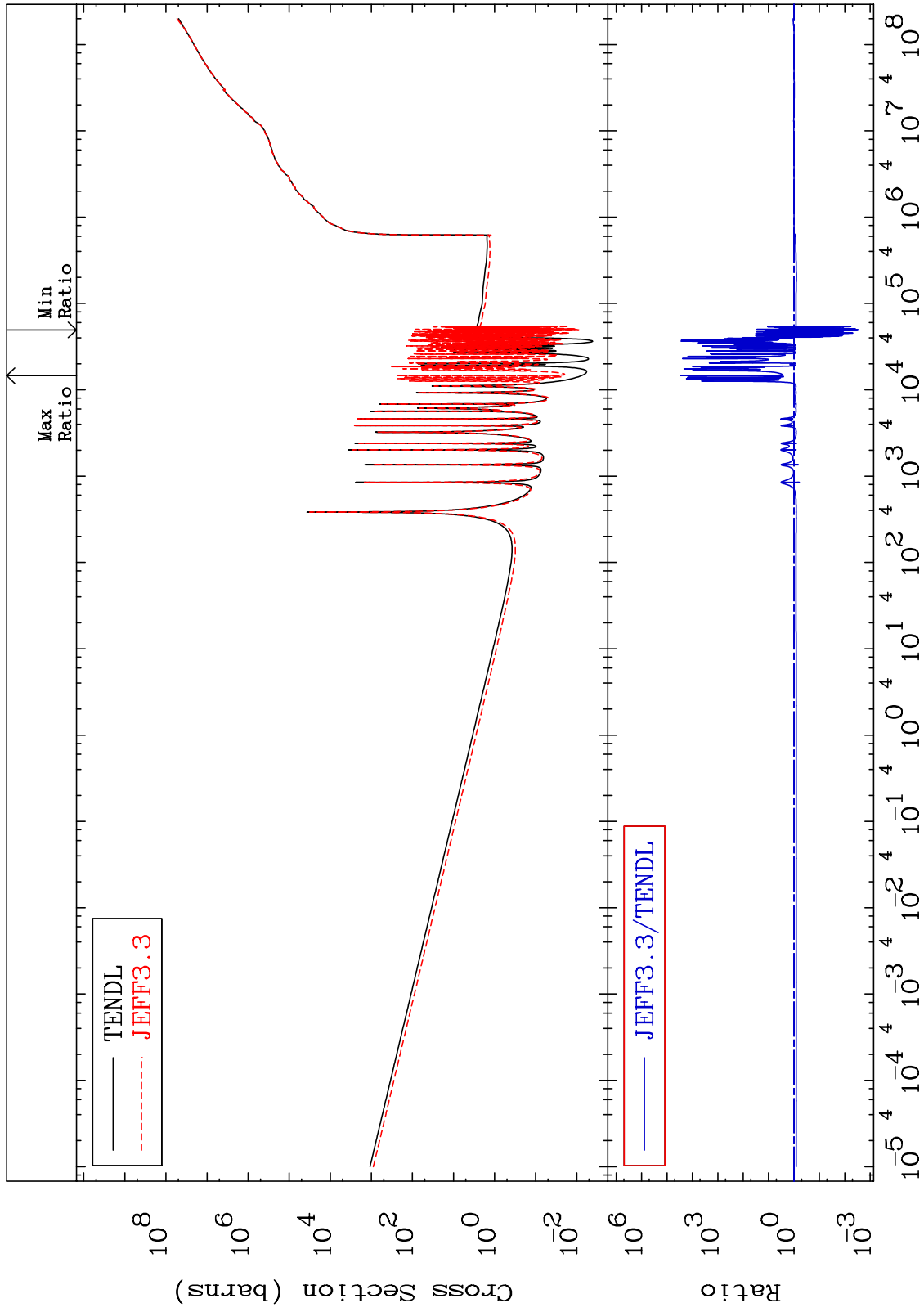
34-Se-78
-99.51 To 8228. %



MAT 3437

Kerma non-elastic (all but mt2)
Cross Section

34-Se-78
-99.71 To 9999. %



69

Incident Energy (eV)

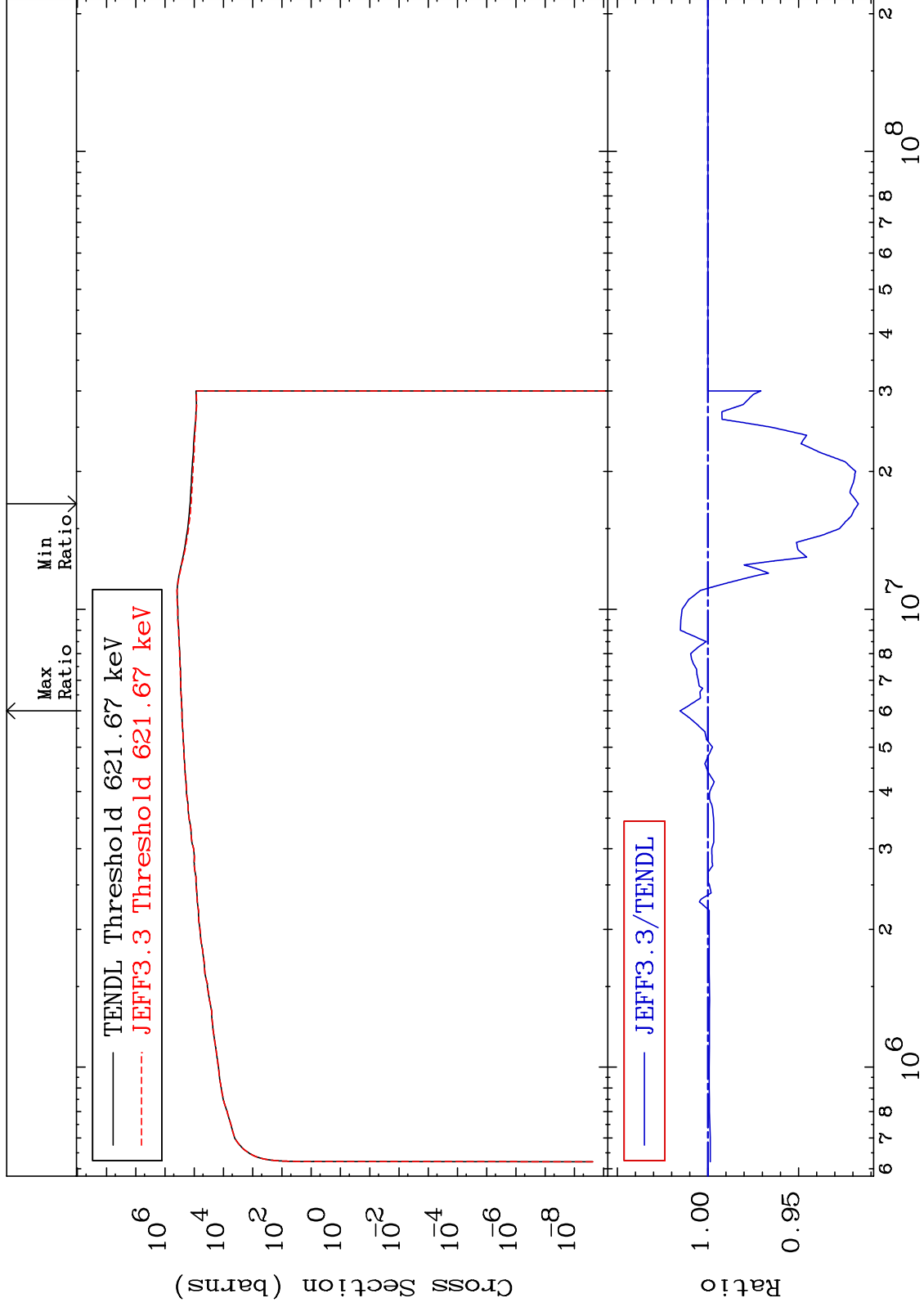
34-Se-78

MAT 3437

Kerma inelastic (mt51-91)
Cross Section

³⁴Se-78

-8.301 To 1.538 %



70

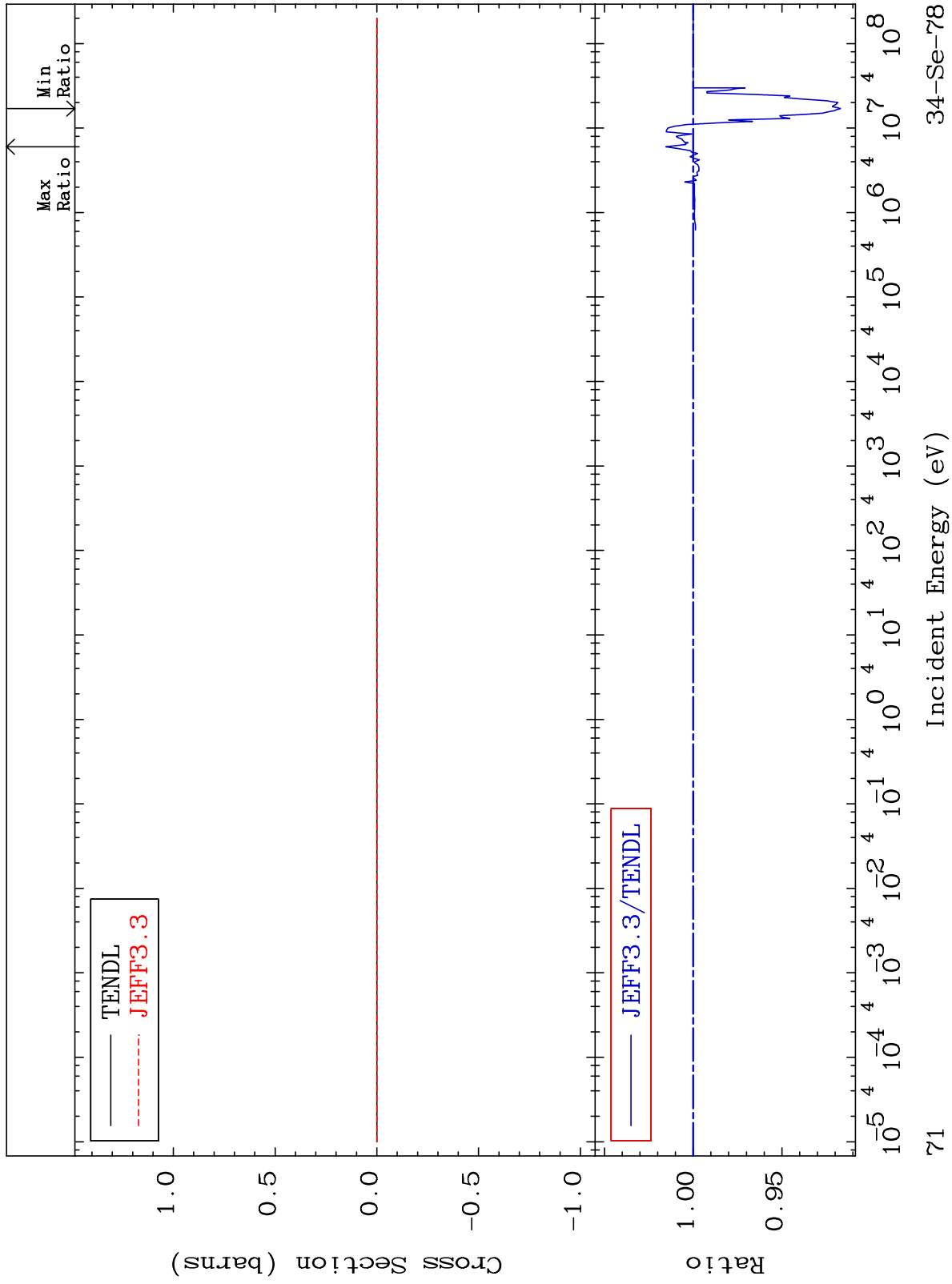
Incident Energy (eV)

³⁴Se-78

MAT 3437

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

34-Se-78
-8.301 To 1.538 %



71

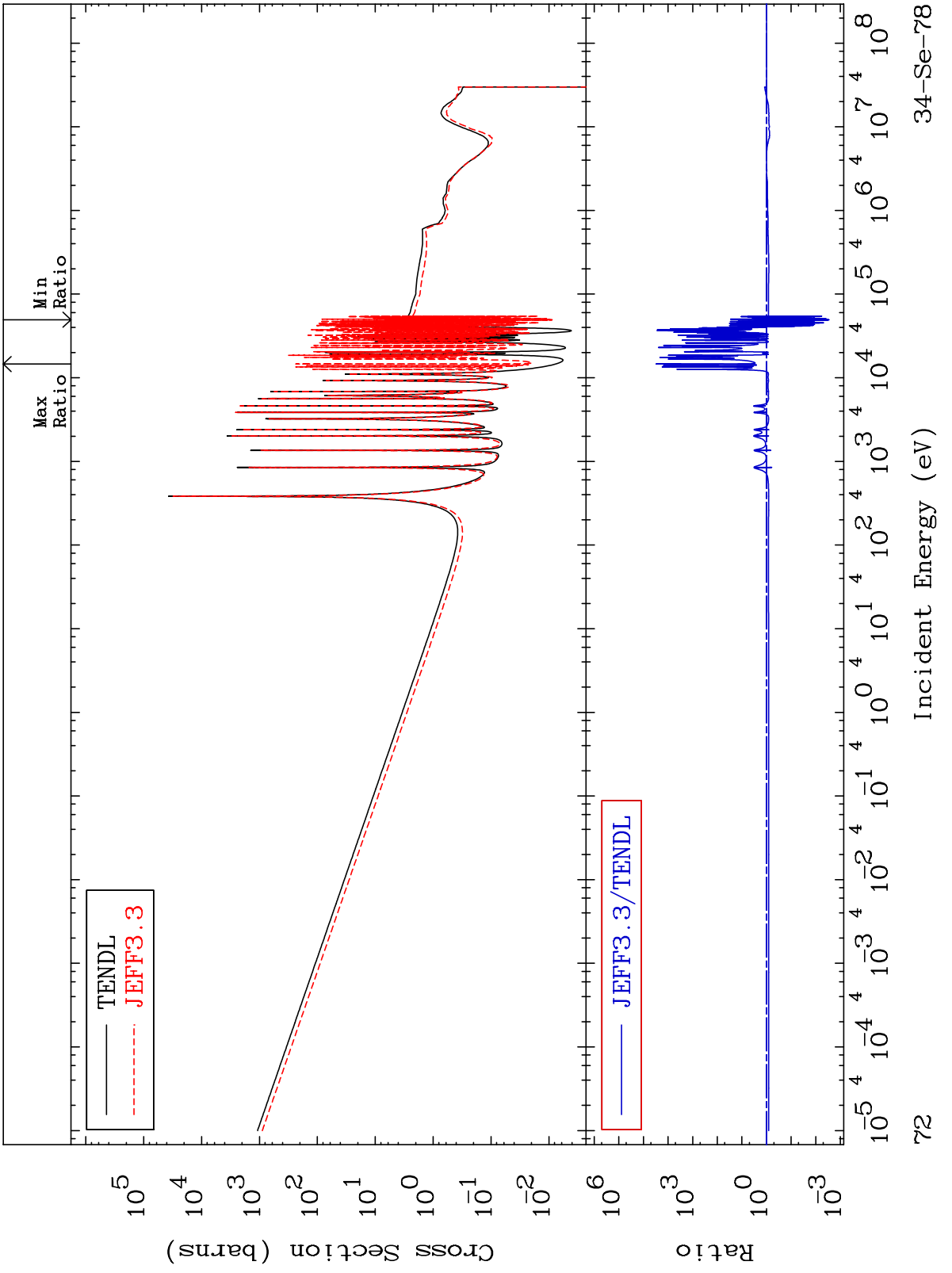
Incident Energy (eV)

34-Se-78

MAT 3437

Kerma capture (mt102)
Cross Section

34-Se-78
-99.71 To 9999. %



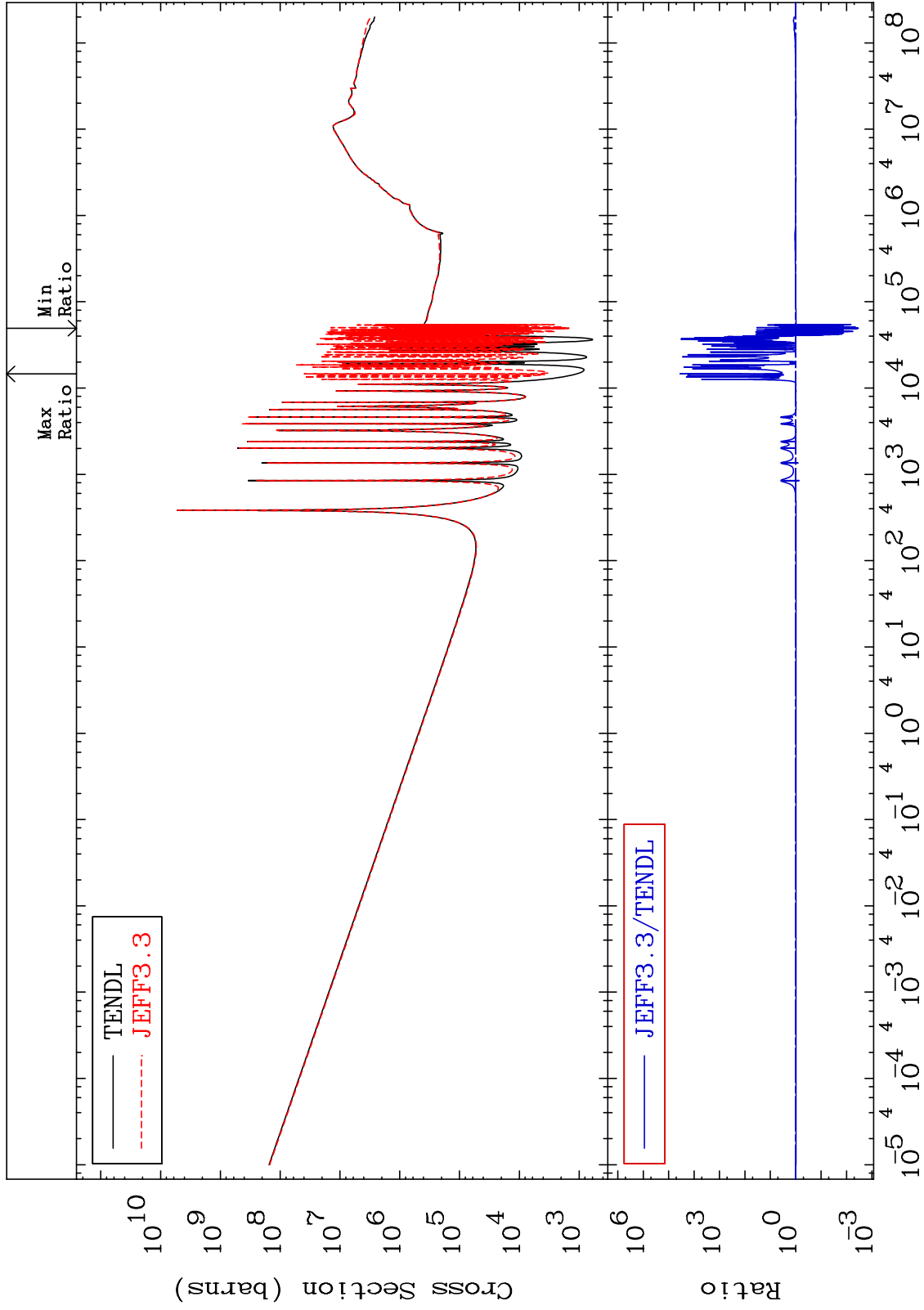
72

34-Se-78

MAT 3437

Total photon (eV-barns)
Cross Section

34-Se-78
-99.66 To 9999. %



73

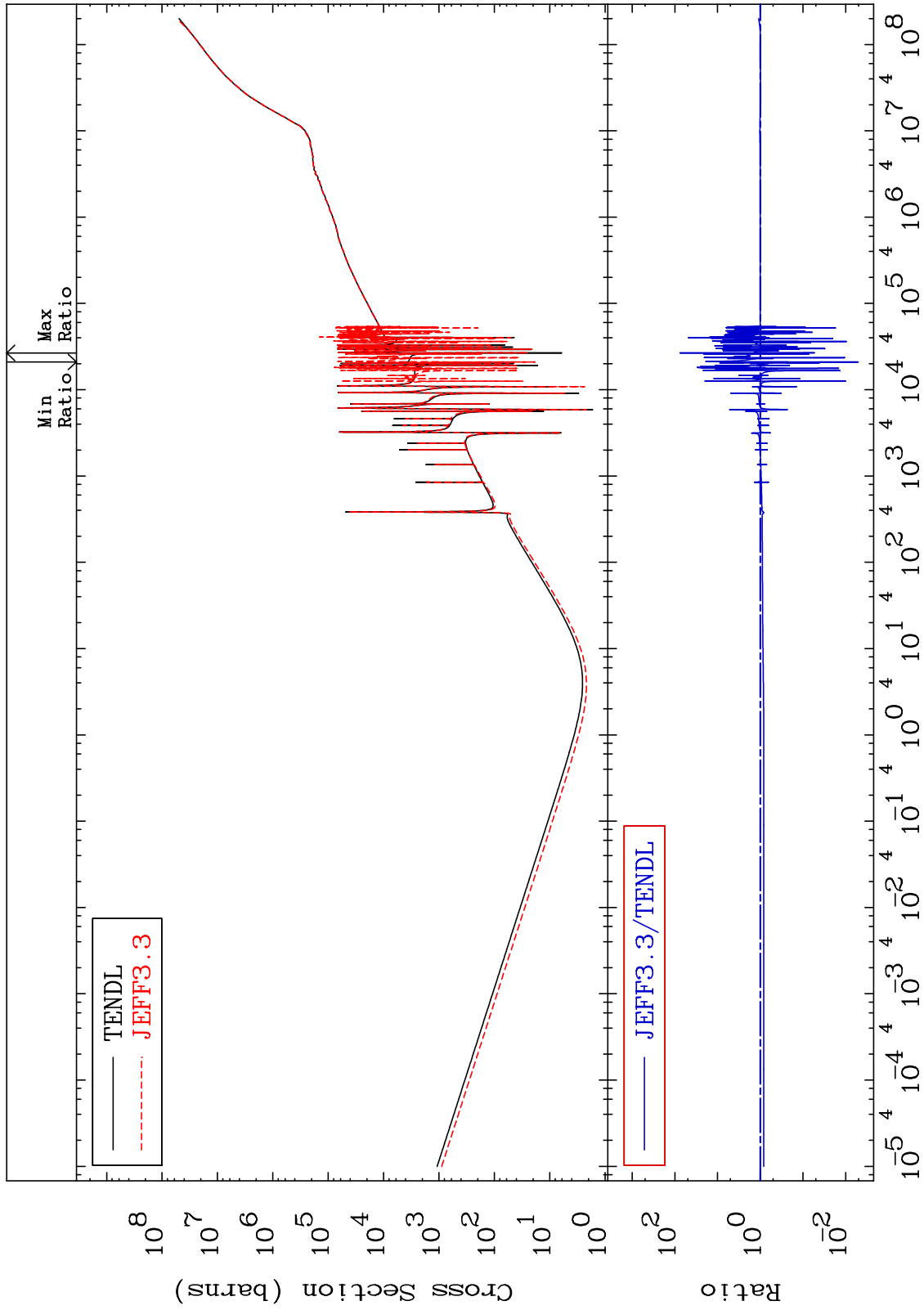
Incident Energy (eV)

34-Se-78

MAT 3437

Total kinematic kerma (high limit)
Cross Section

34-Se-78
-99.49 To 7466. %



74

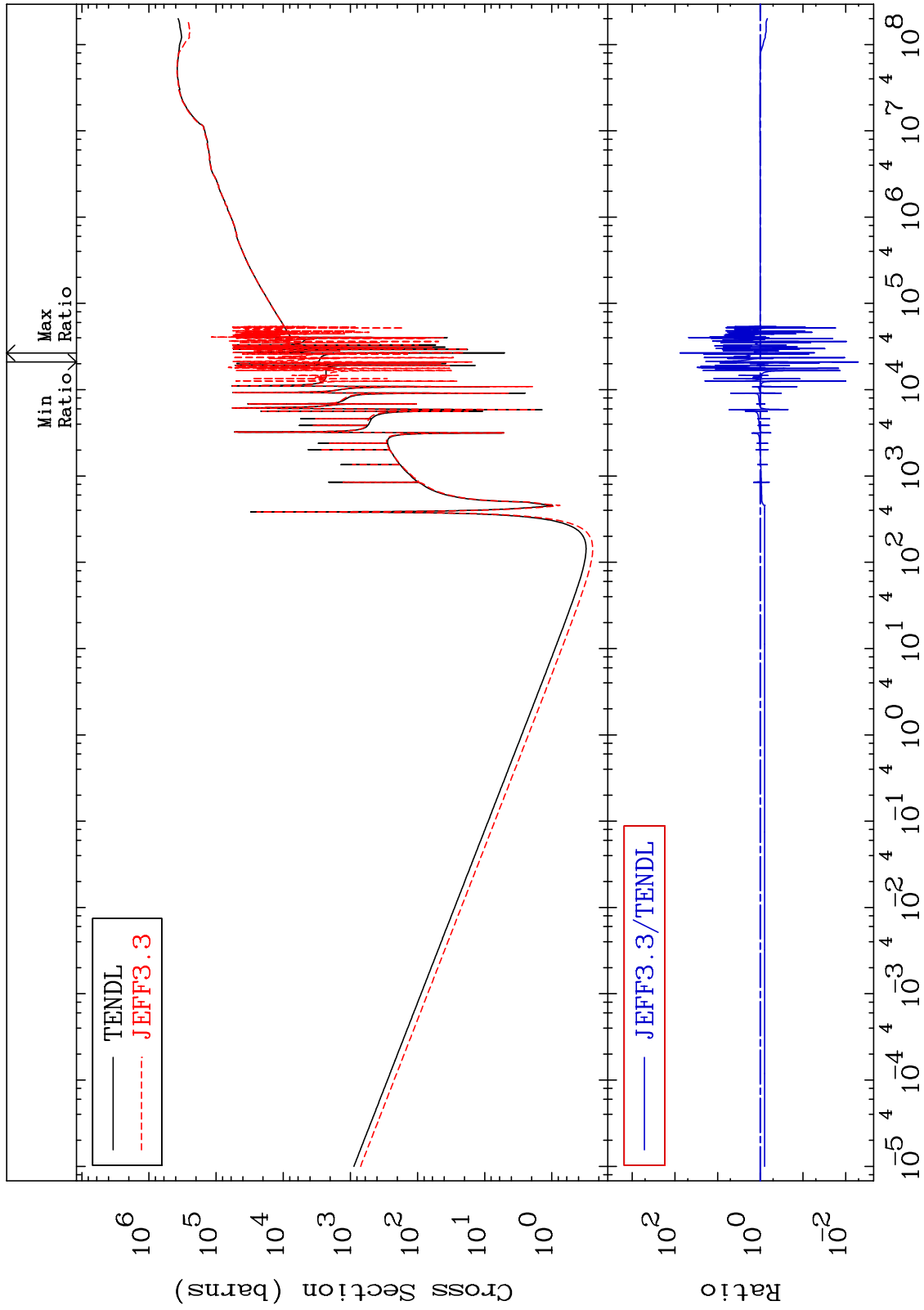
Incident Energy (eV)

34-Se-78

MAT 3437

Dpa total (eV-barns)
Cross Section

34-Se-78
-99.50 To 7475. %



75

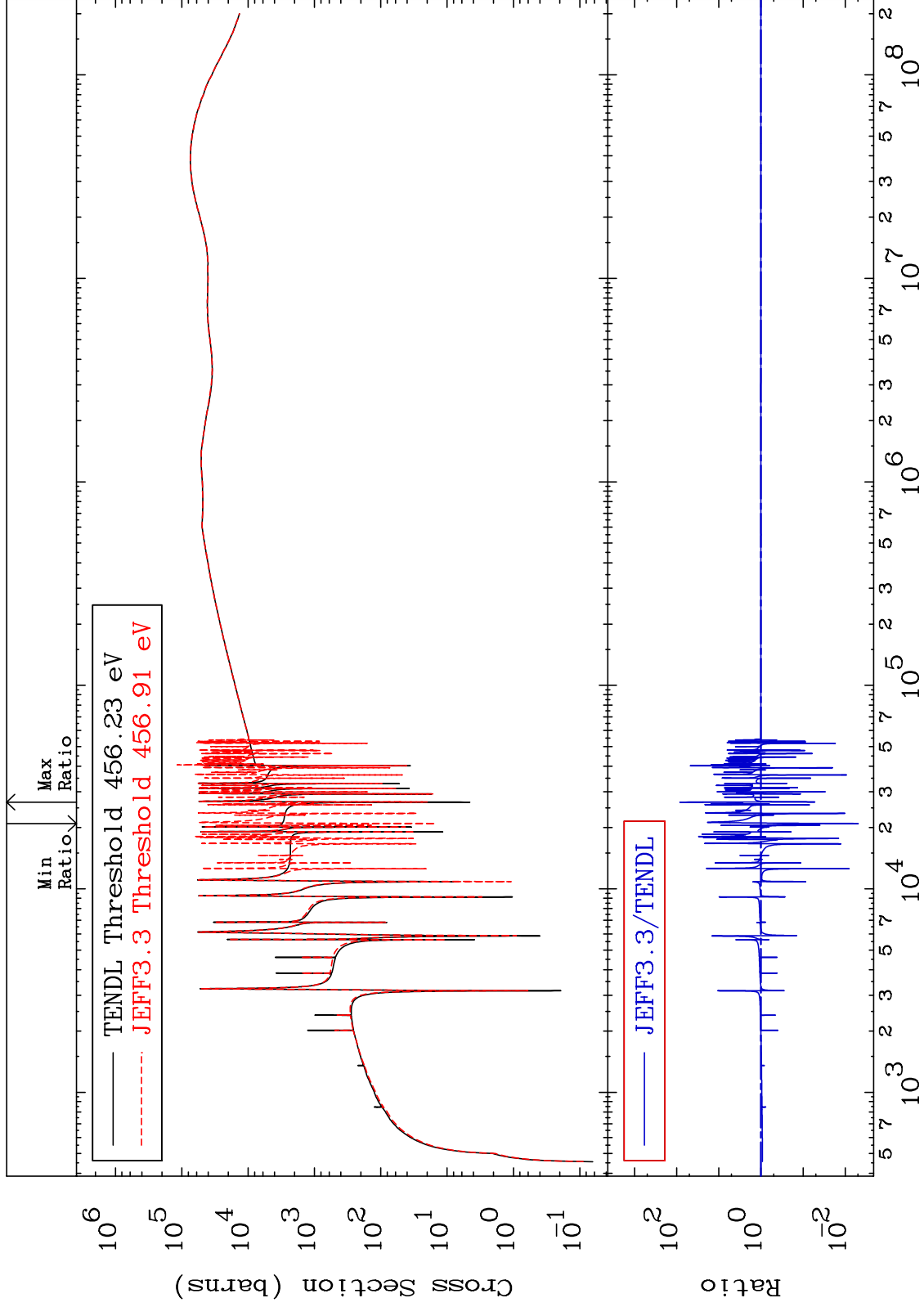
Incident Energy (eV)

34-Se-78

MAT 3437

Dpa elastic (mt2)
Cross Section

34-Se-78
-99.51 To 8228. %



76

Incident Energy (eV)

34-Se-78

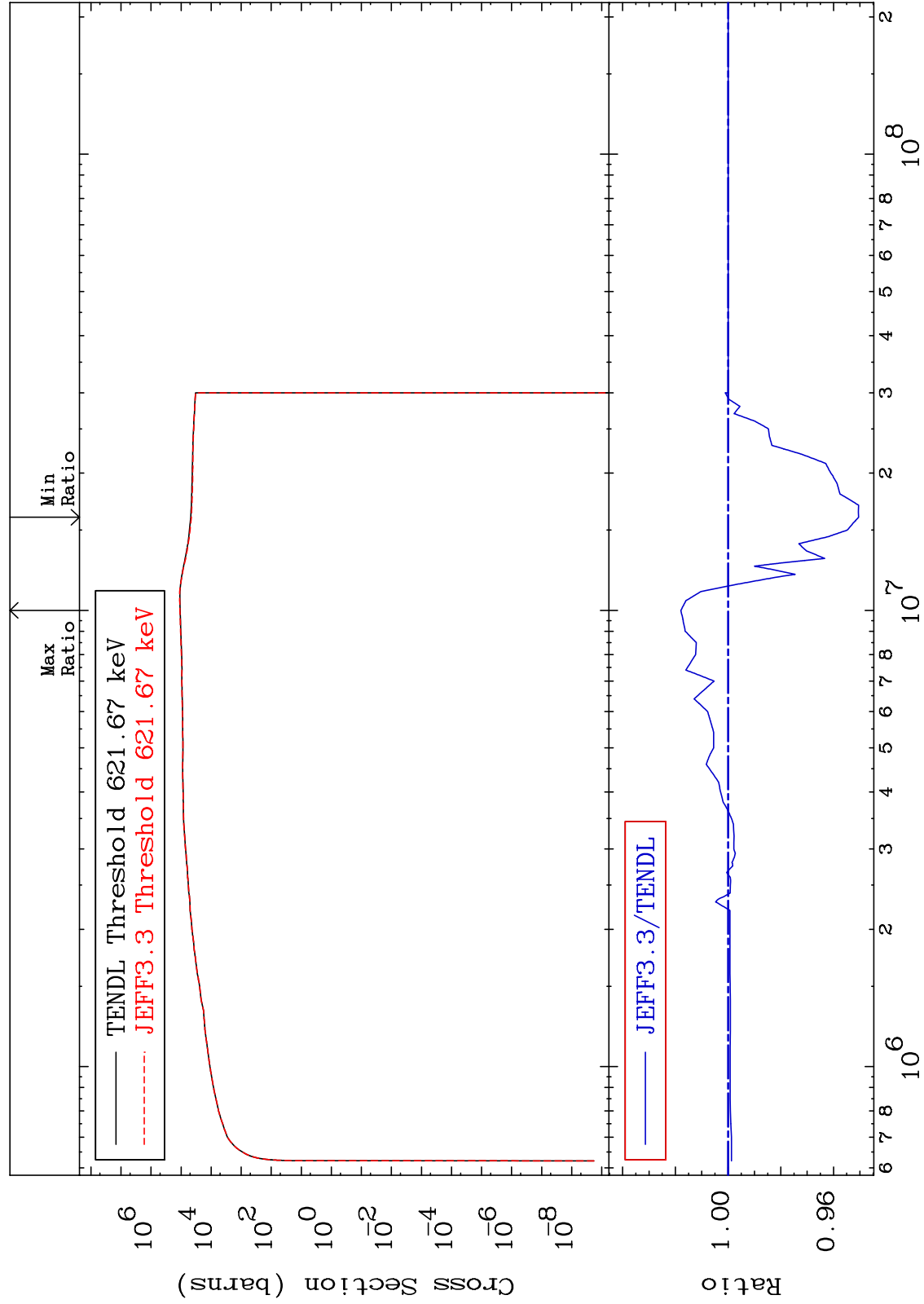
MAT 3437

Dpa inelastic (mt51-91)

34-Se-78

-4.951 To 1.790 %

Cross Section



77

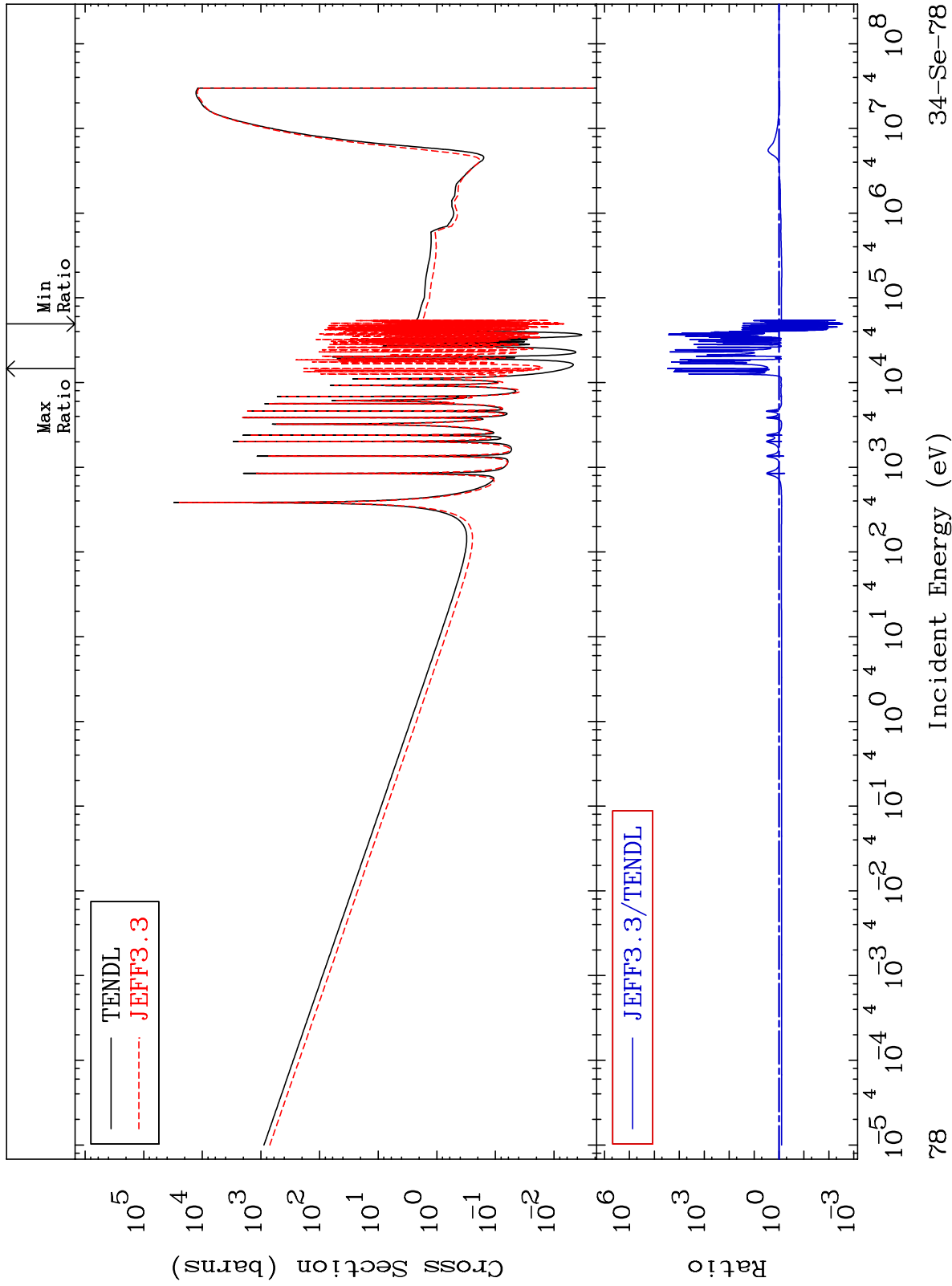
Incident Energy (eV)

34-Se-78

MAT 3437

Dpa disappearance (mt102 -120)
Cross Section

34-Se-78
-99.72 To 9999. %



78

Incident Energy (eV)

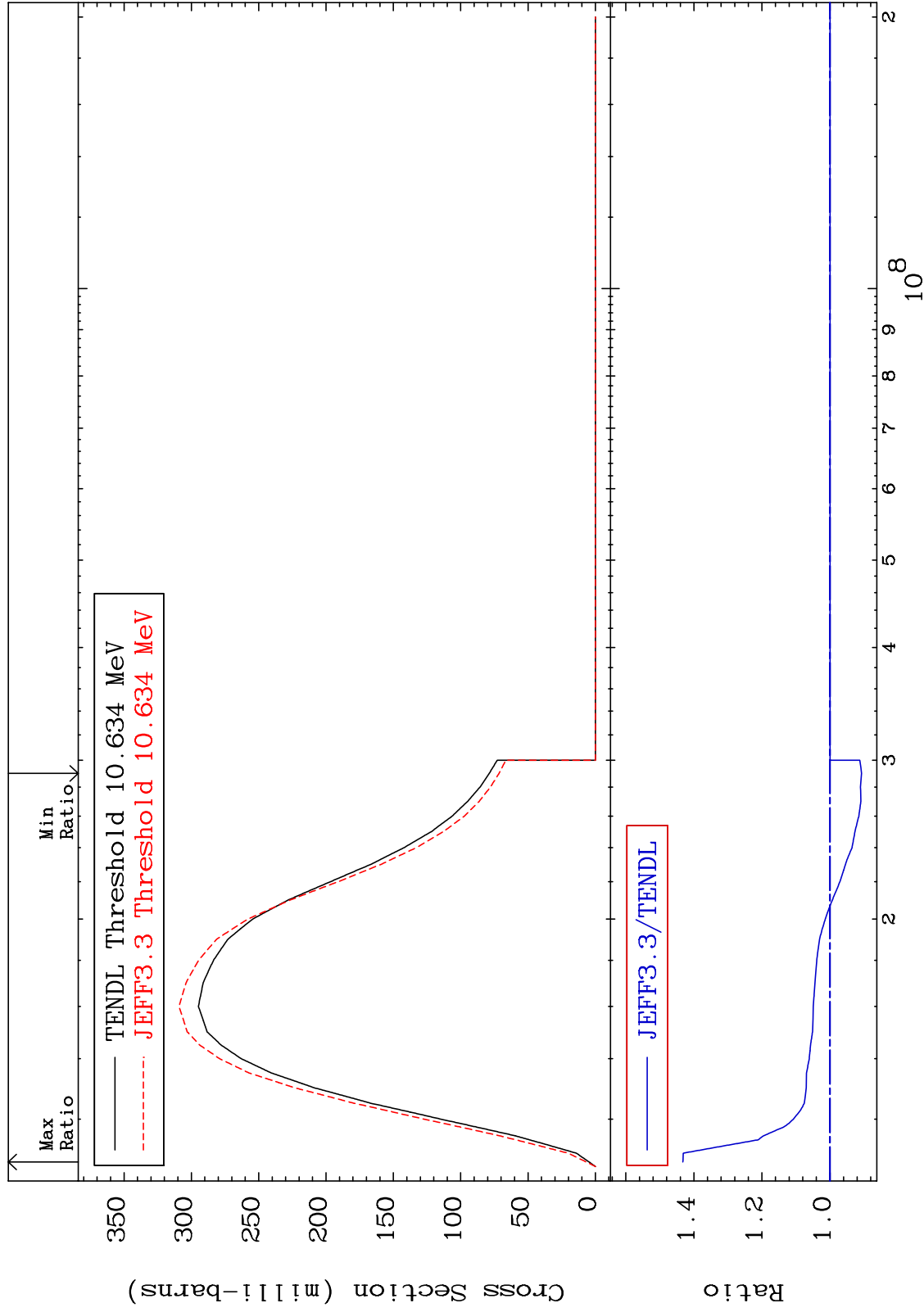
34-Se-78

MAT 3437

(n,2n):34-Se-77g

34-Se-78

Radionuclide Production Cross Section -9.295 To 43.24 %



79

Incident Energy (eV)

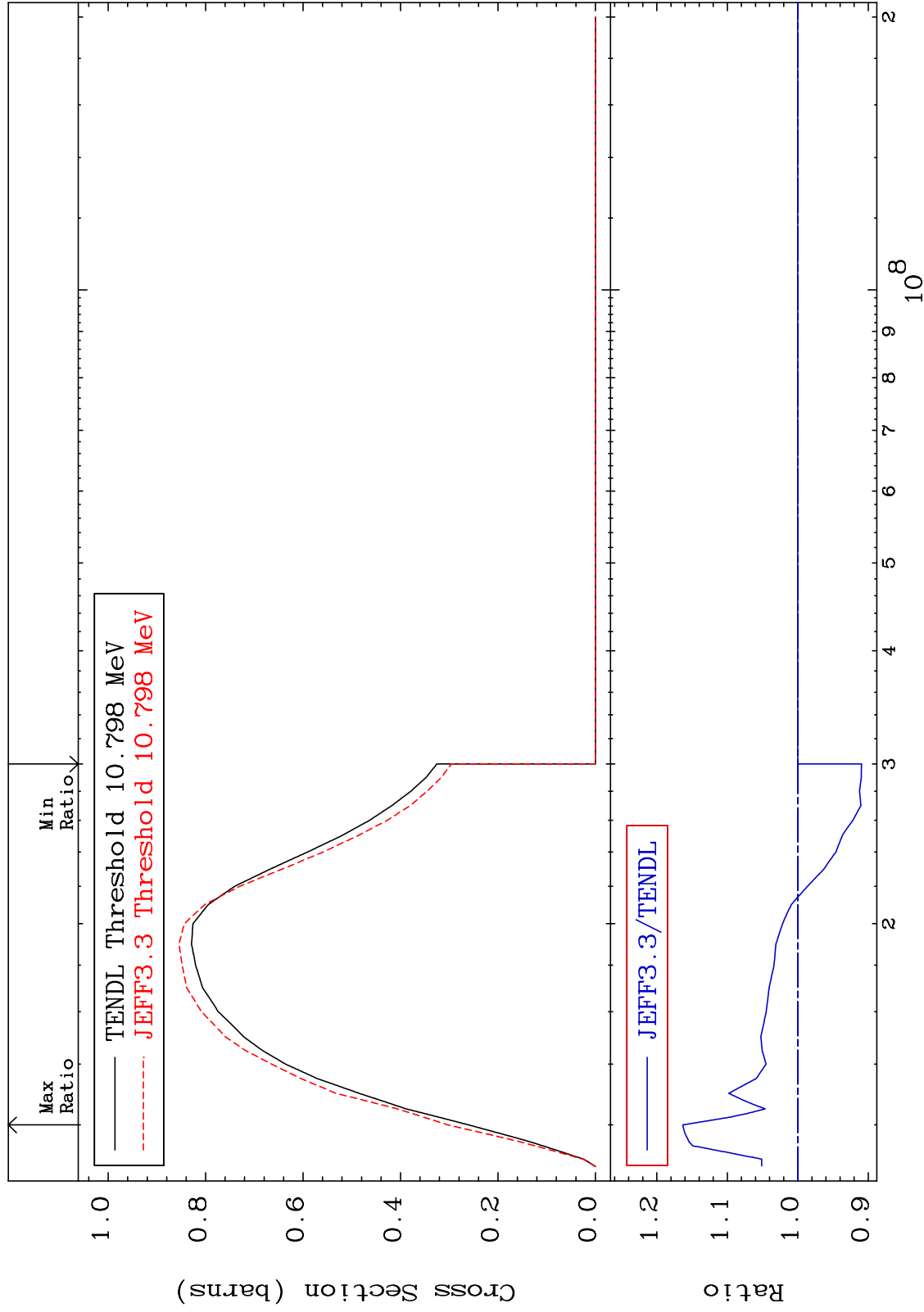
34-Se-78

MAT 3437

(n,2n):34-Se-77m1

34-Se-78

Radionuclide Production Cross Section -9.060 To 16.30 %

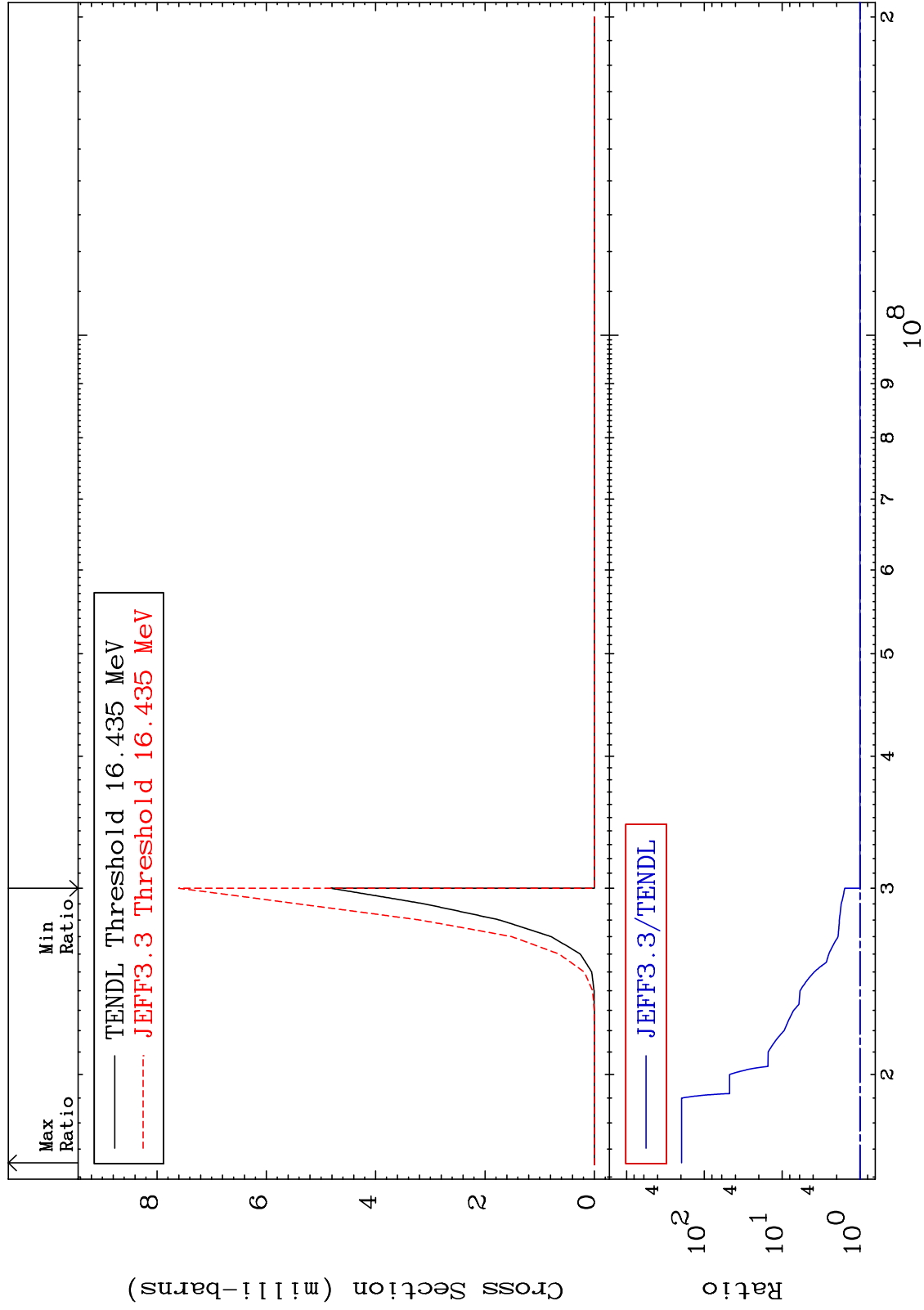


MAT 3437

(n,2n) α : 32-Ge-73g

34-Se-78

Radionuclide Production Cross Section 0.000 To 9999. %

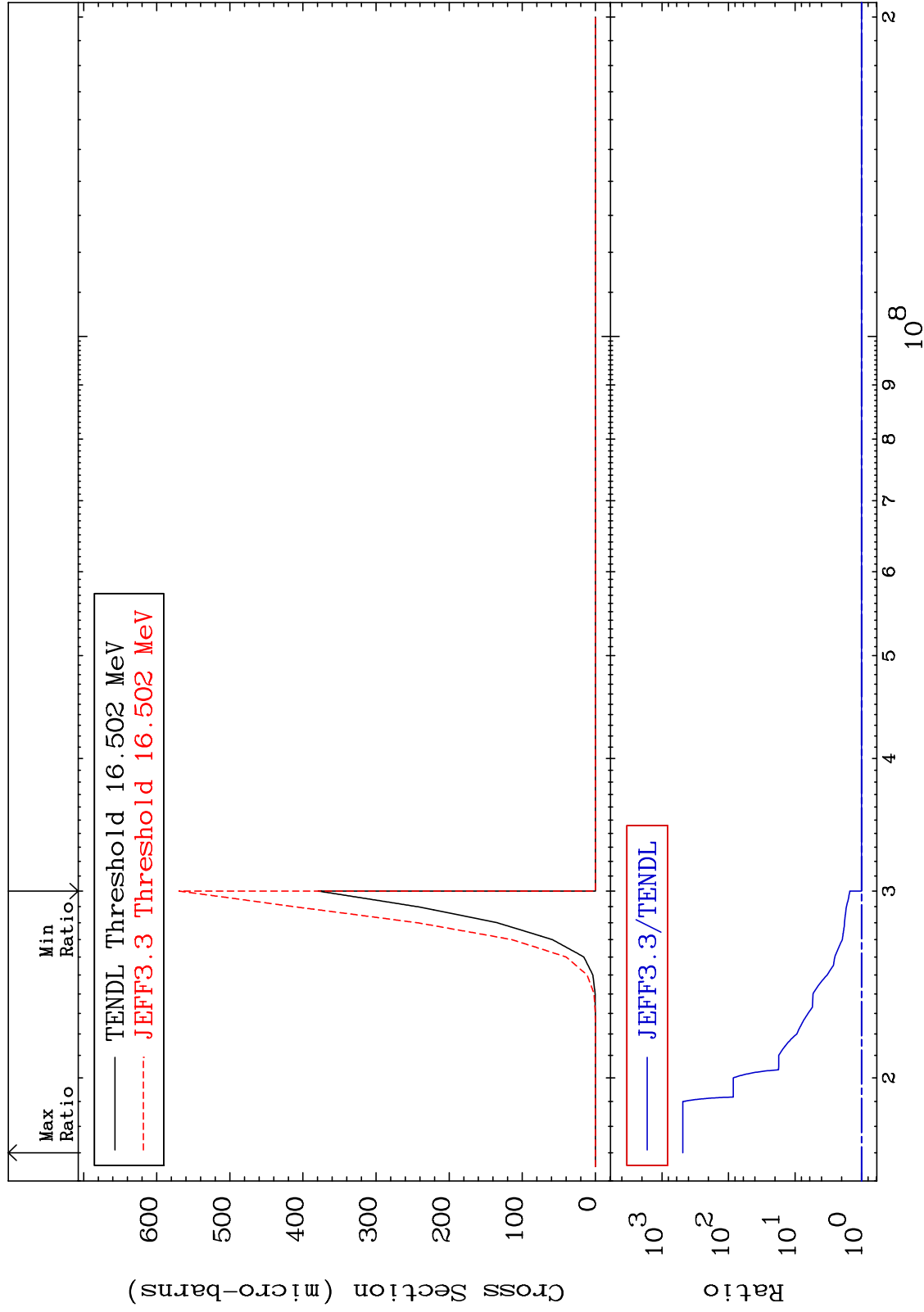


MAT 3437

(n,2n) α :32-Ge-73m2

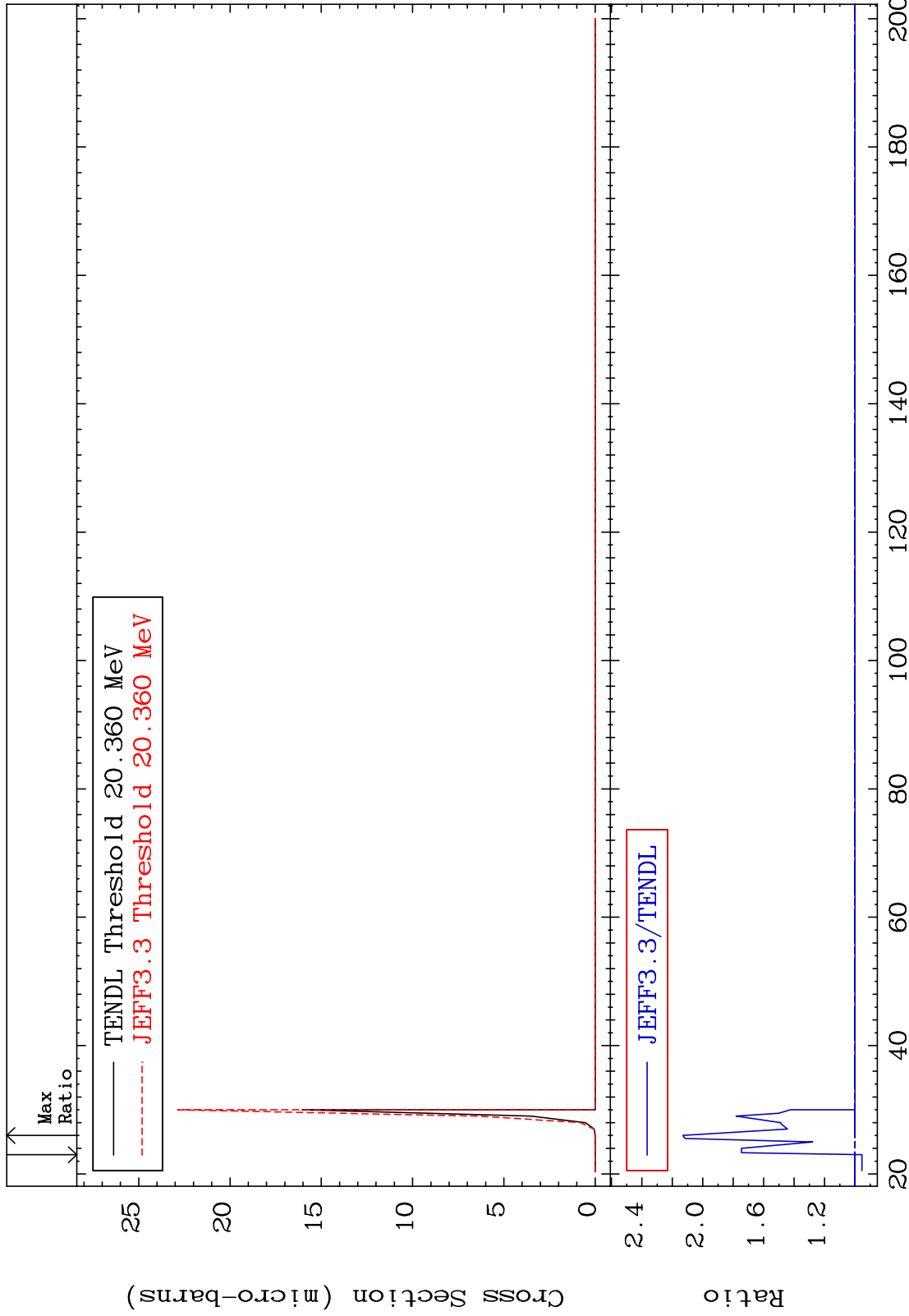
34-Se-78

Radionuclide Production Cross Section 0.000 To 9999. %



MAT 3437

(n, n') He-3:32-Ge-75g 34-Se-78
Radionuclide Production Cross Section -4.583 To 113.1 %



34-Se-78

Incident Energy (MeV)

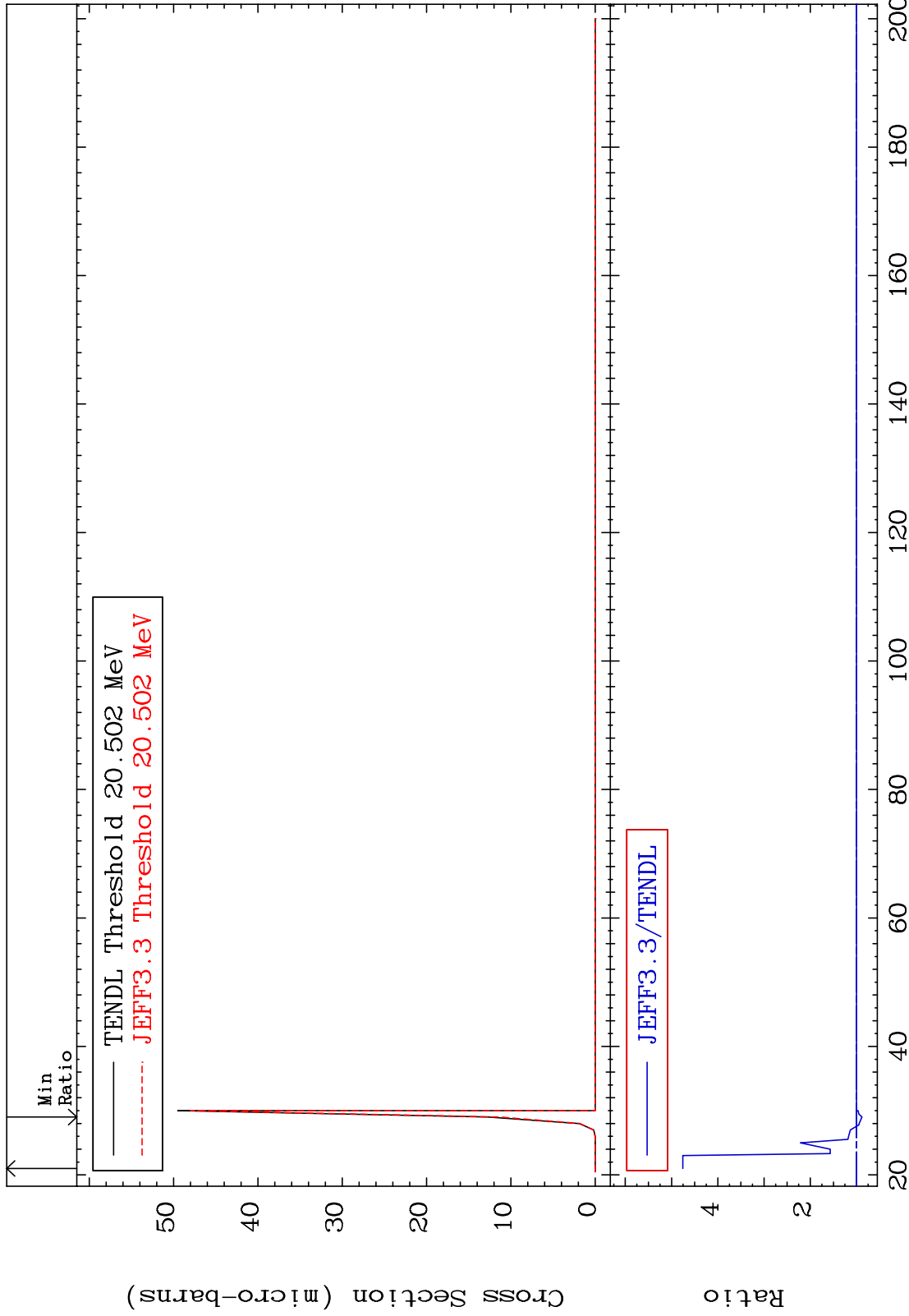
83

MAT 3437

(n, n') He-3:32-Ge-75m2

34-Se-78

Radionuclide Production Cross Section -11.85 To 375.5 %



84

Incident Energy (MeV)

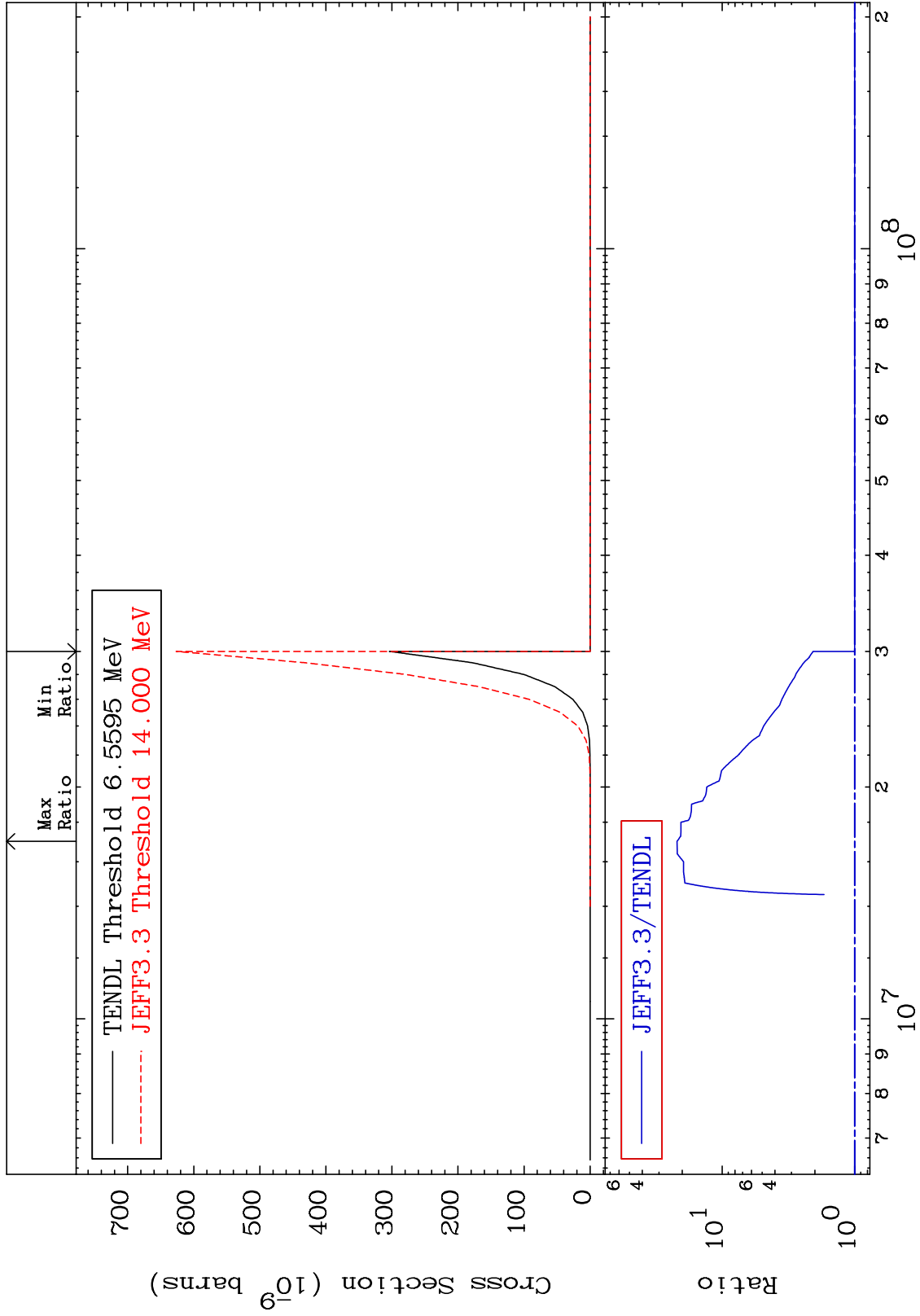
34-Se-78

MAT 3437

34-Se-78

(n,2α):30-Zn-71g

Radionuclide Production Cross Section 0.000 To 2089. %



85

Incident Energy (eV)

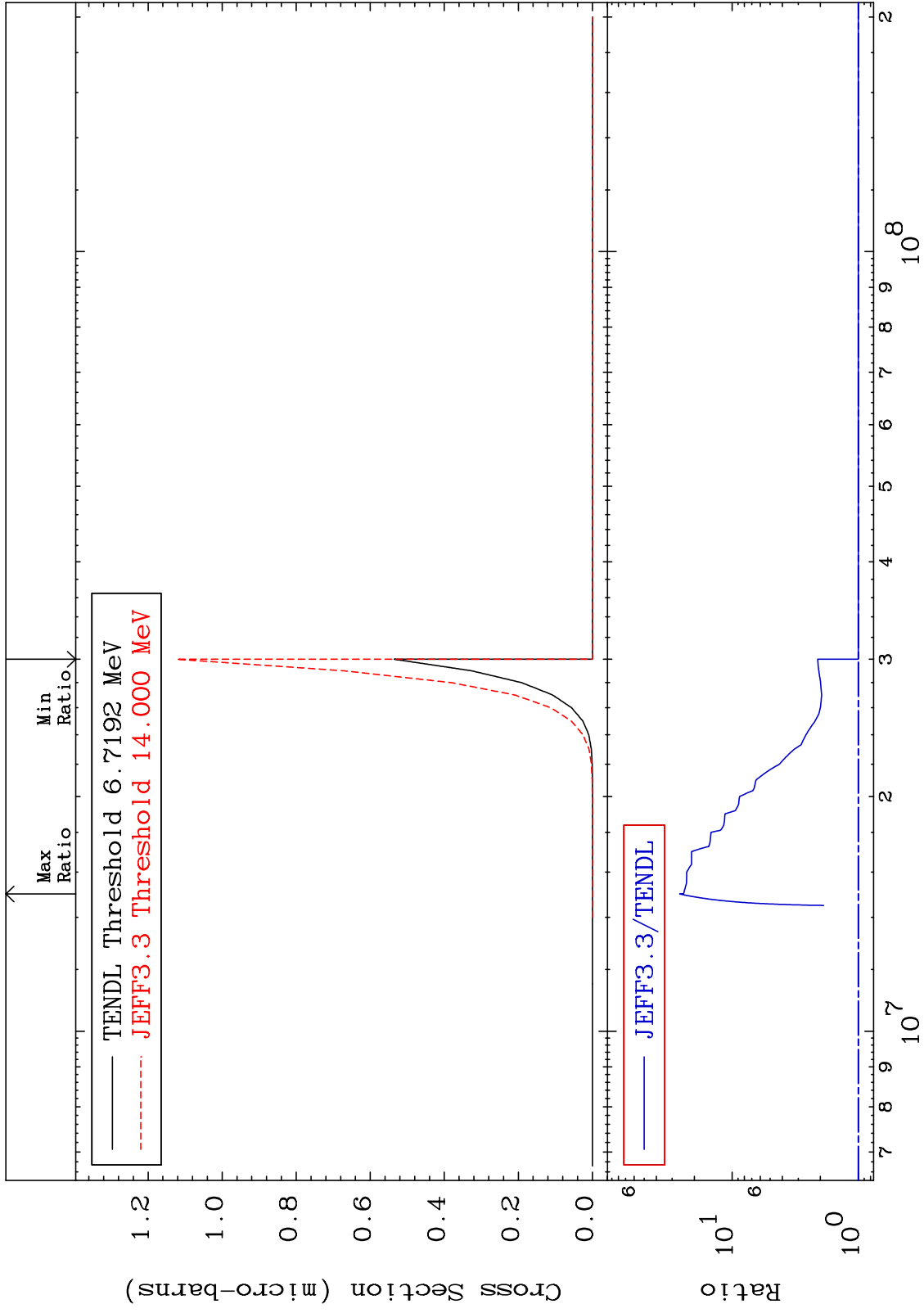
34-Se-78

MAT 3437

(n,2α):30-Zn-71m1

34-Se-78

Radionuclide Production Cross Section 0.000 To 2505. %

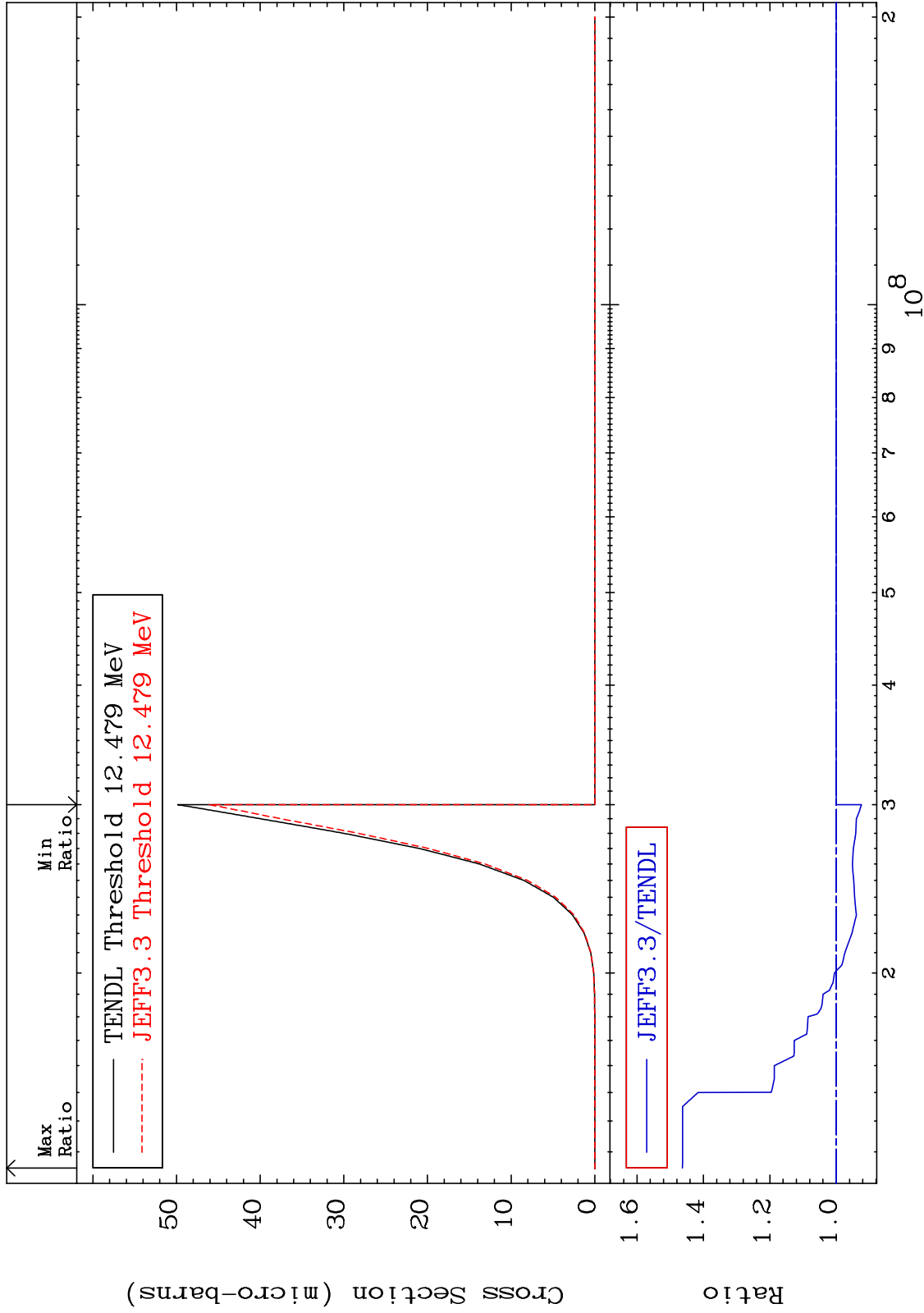


MAT 3437

(n,2p) : 32-Ge-77g

34-Se-78

Radionuclide Production Cross Section -7.594 To 46.31 %



87

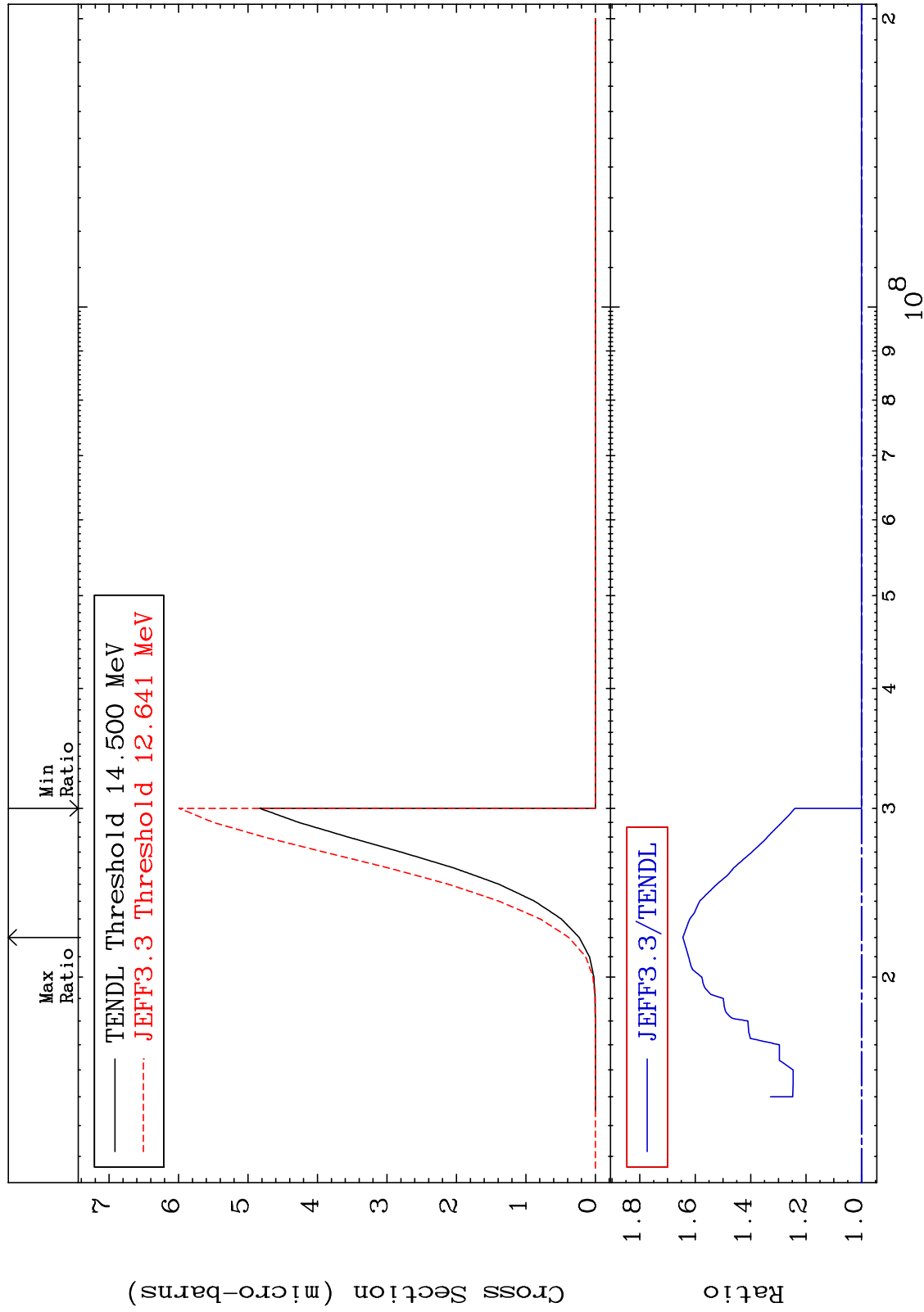
34-Se-78

MAT 3437

(n,2p):32-Ge-77m1

34-^{Se}-78

Radionuclide Production Cross Section 0.000 To 64.46 %

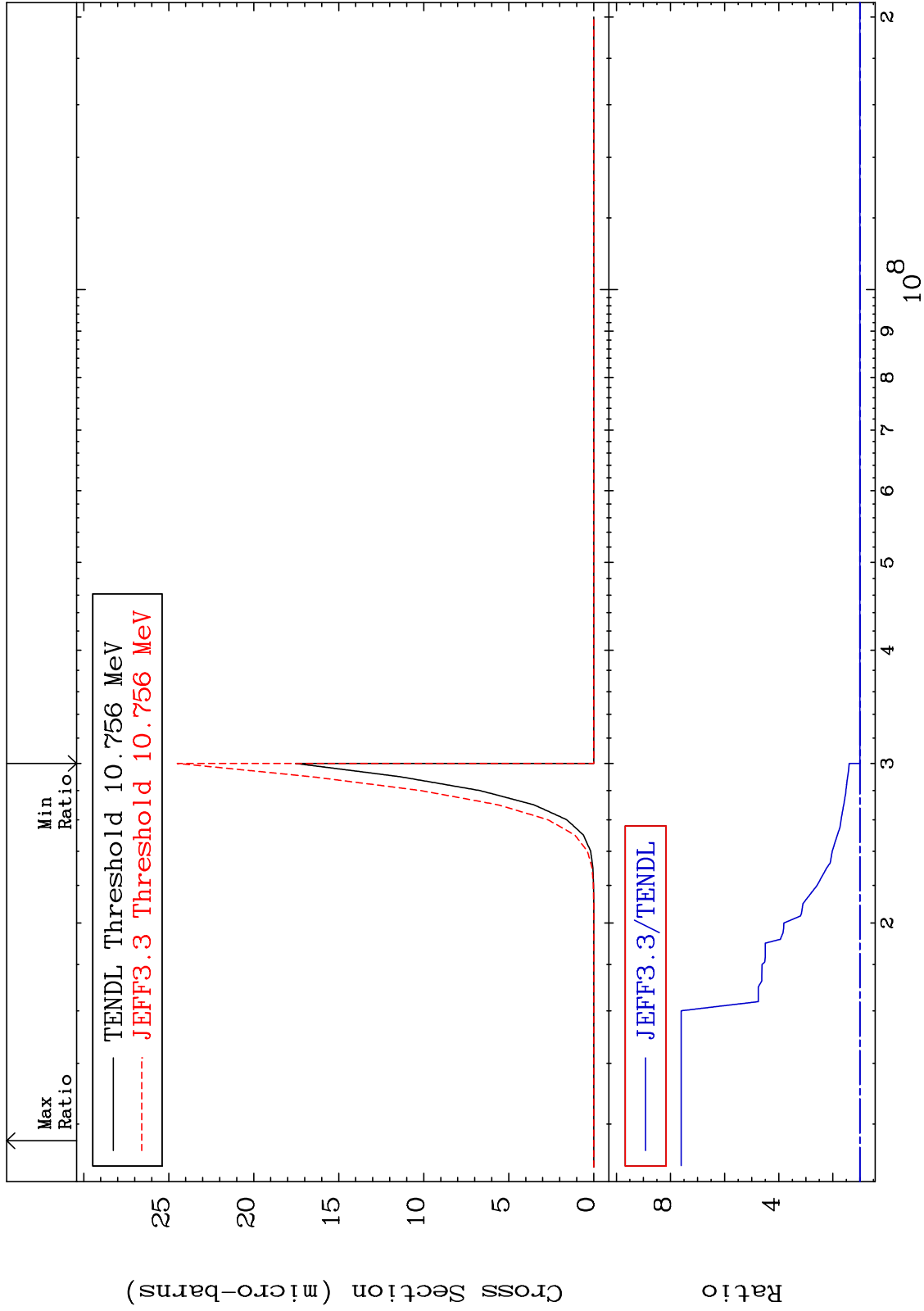


MAT 3437

(n, p) α :31-Ga-74g

34-Se-78

Radionuclide Production Cross Section 0.000 To 660.4 %

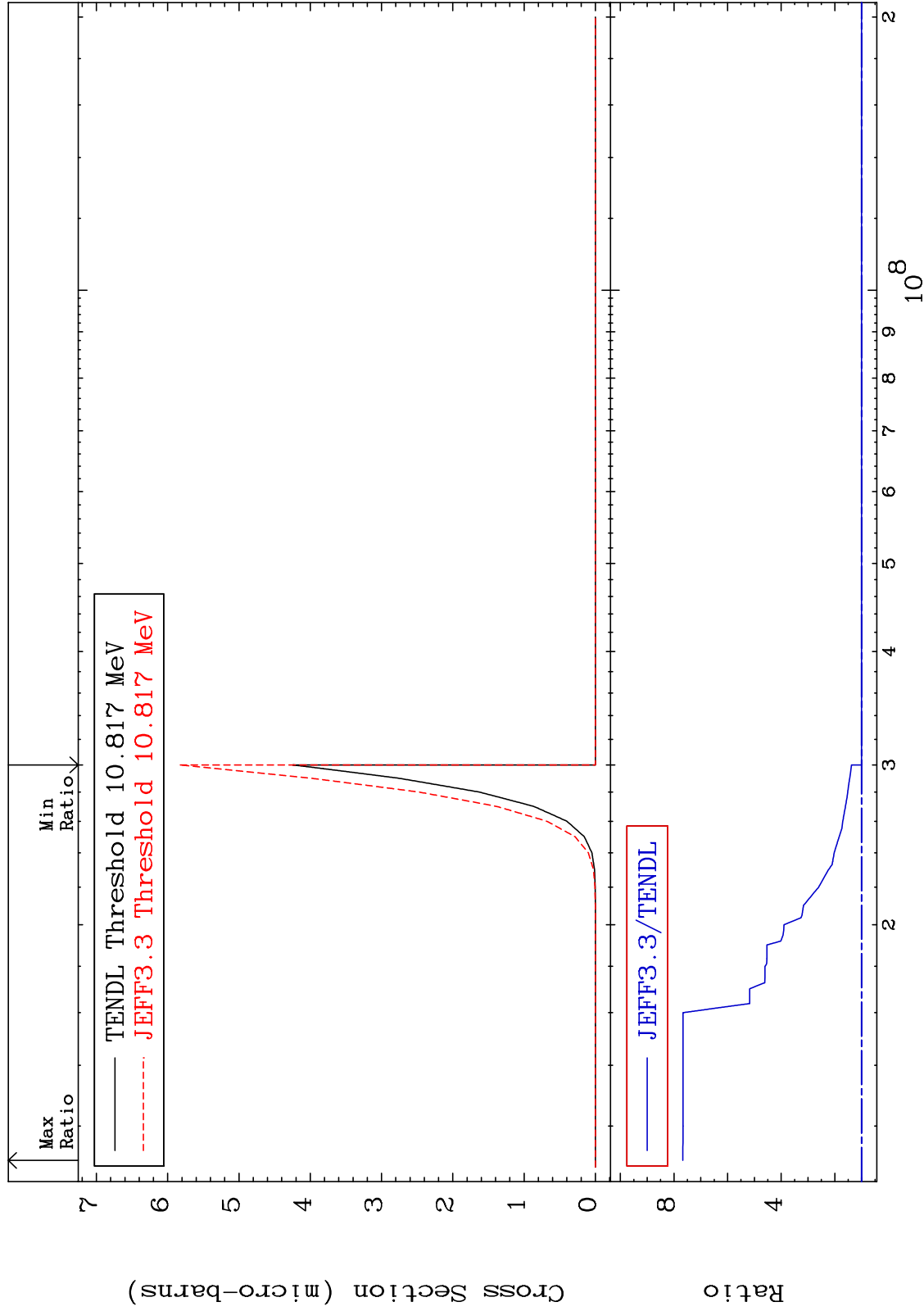


MAT 3437

(n, p) α : 31-Ga-74m2

34-Se-78

Radionuclide Production Cross Section 0.000 To 666.8 %



90

Incident Energy (eV)

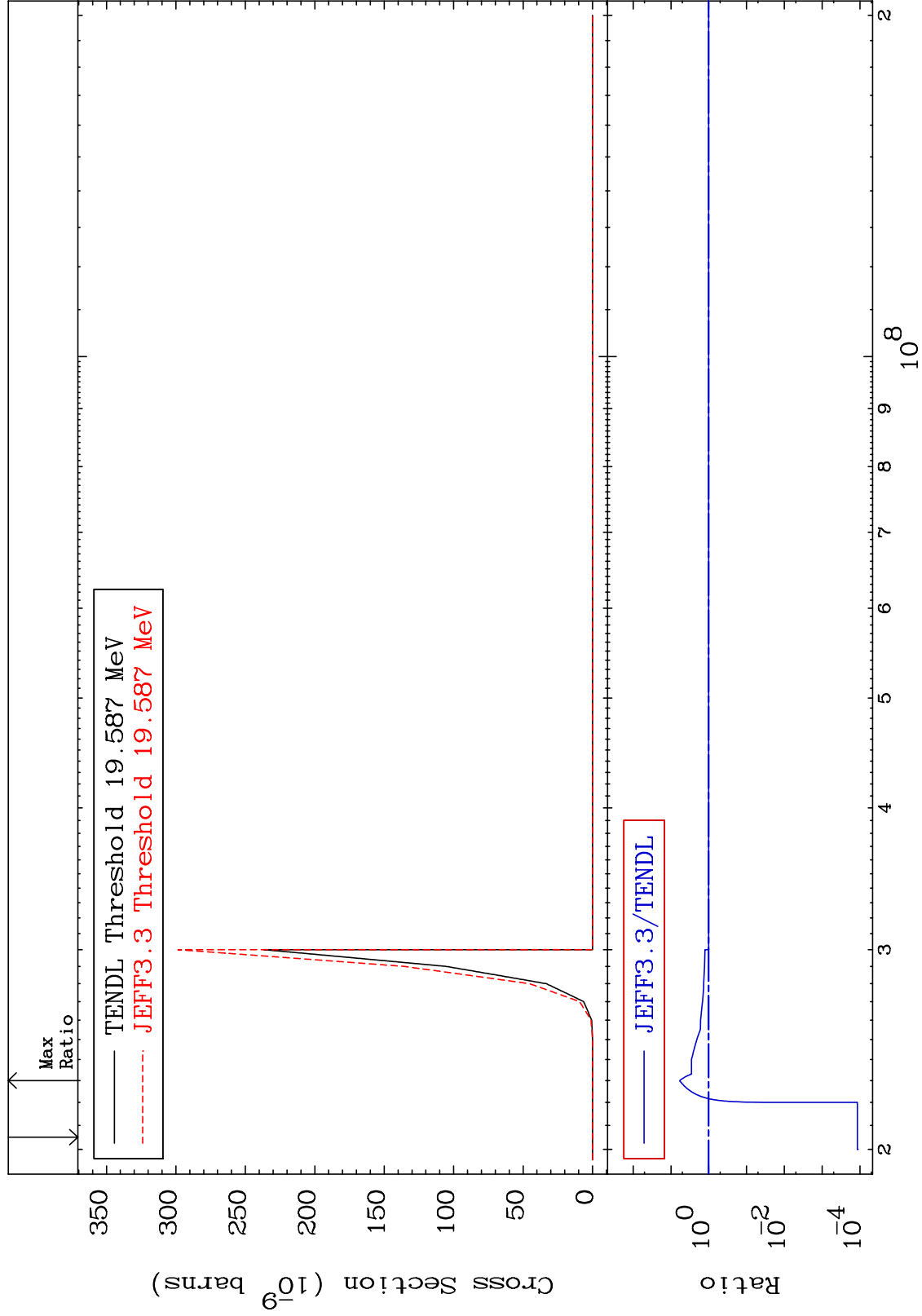
34-Se-78

MAT 3437

(n, p) t:32-Ge-75g

34-Se-78

Radionuclide Production Cross Section -99.99 To 490.3 %



MAT 3437

(n, p) t: 32-Ge-75m2

34-^{Se}-78

Radionuclide Production Cross Section -11.22 To 412.8 %

