

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

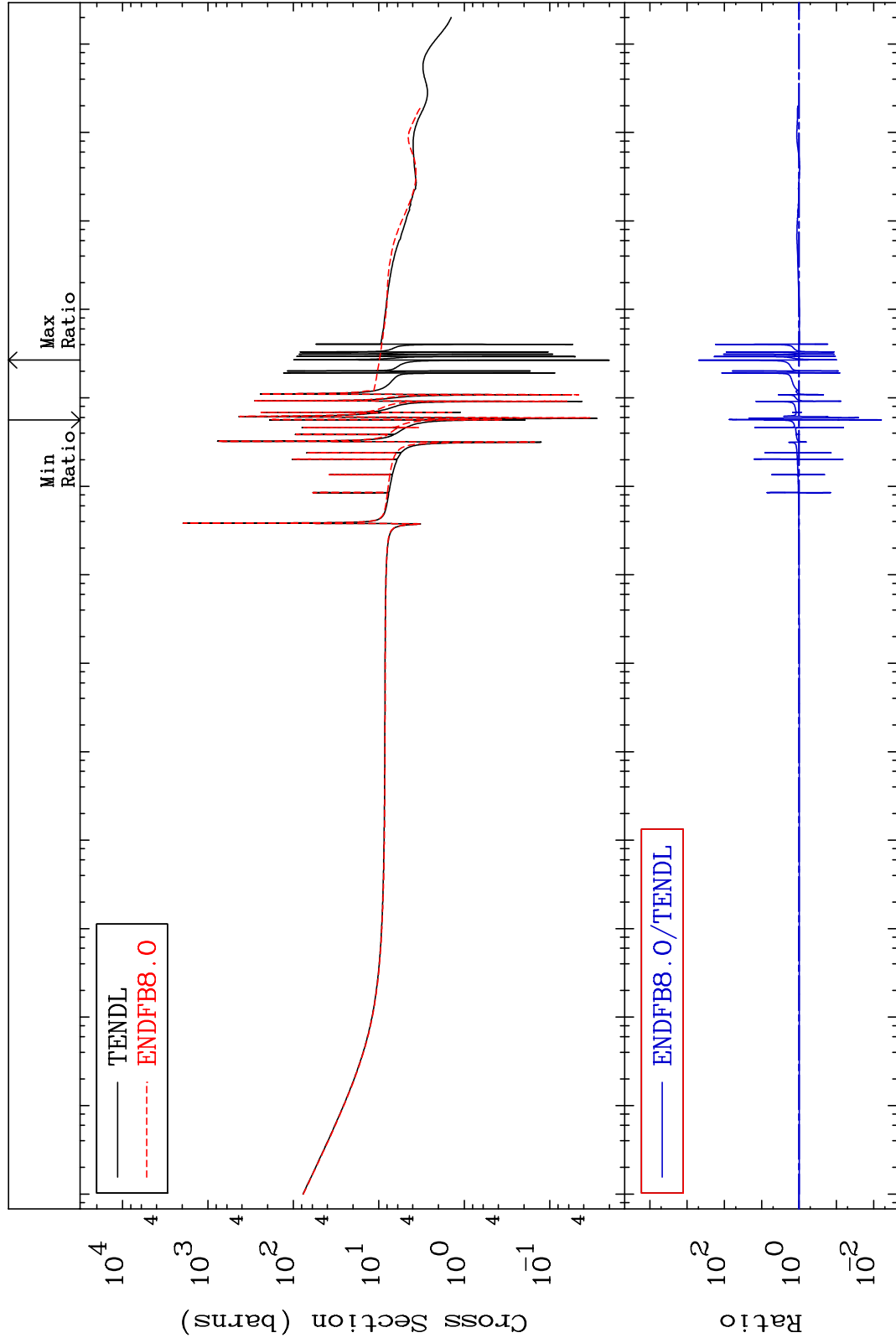
MAT 3437

Total

³⁴Se-78

Cross Section

-99.39 To 9999. %



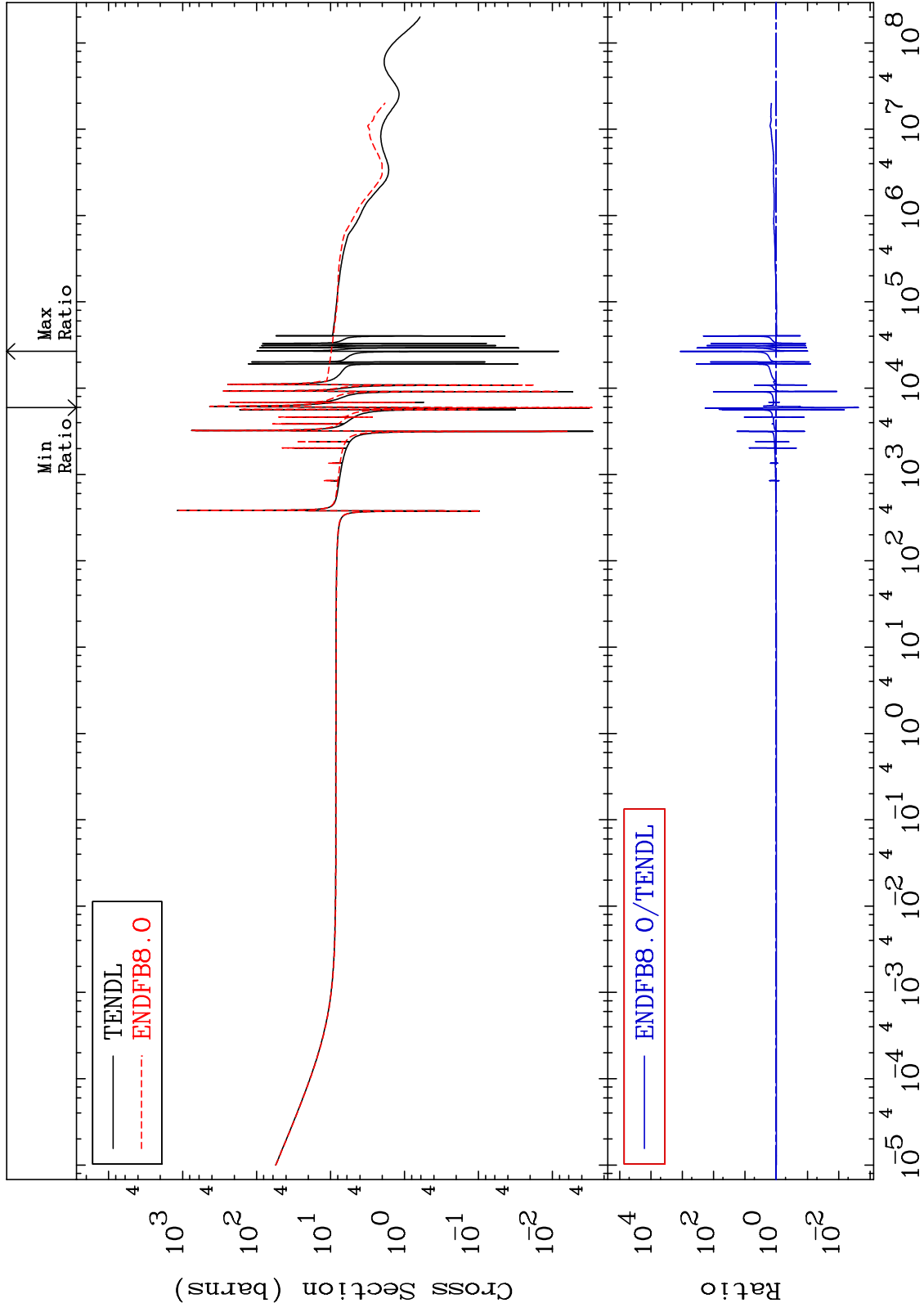
Incident Energy (eV)

³⁴Se-78

MAT 3437

Elastic
Cross Section

34-Se-78
-99.76 To 9999. %



Incident Energy (eV)

34-Se-78

MAT 3437

³⁴Se-78

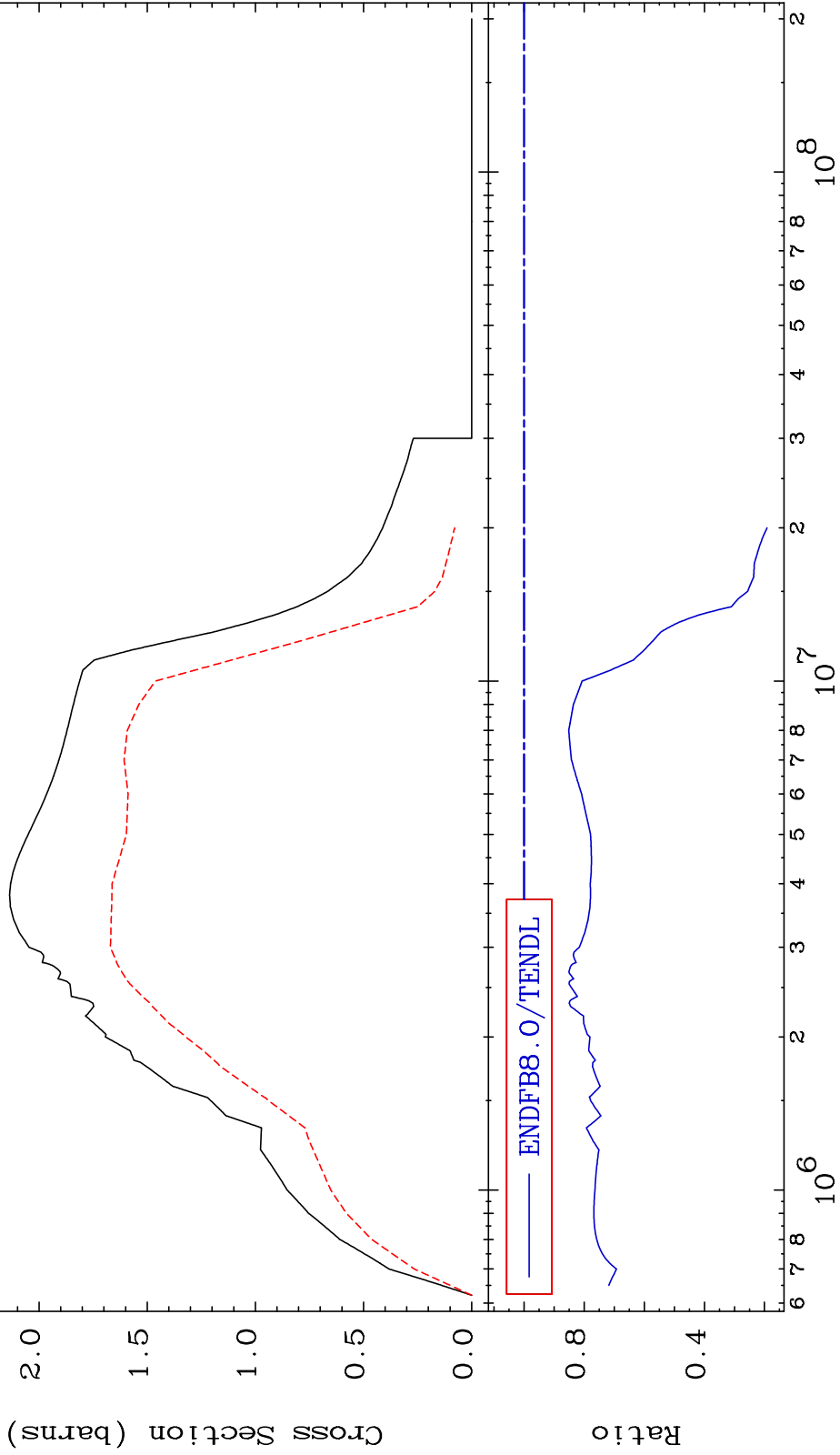
-80.86 To -14.88%

Inelastic
Cross Section

Max Ratio
Min Ratio

— TENDL Threshold 621.67 keV
- - - ENDFB8.0 Threshold 621.75 keV

— ENDFB8.0/TENDL

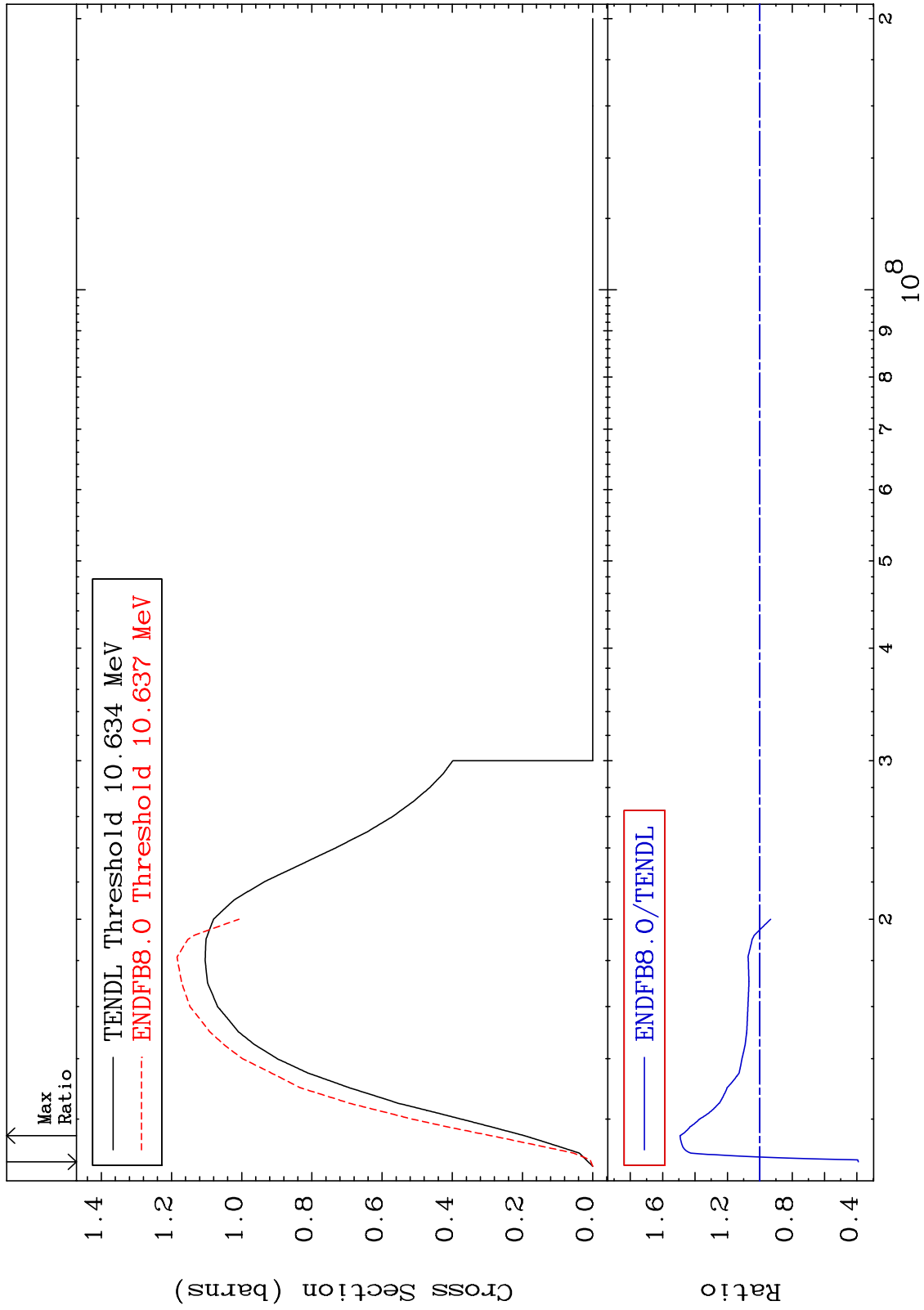


Incident Energy (eV)

³⁴Se-78

3

MAT 3437 (n,2n) Cross Section 34-Se-78 -60.91 To 49.29 %



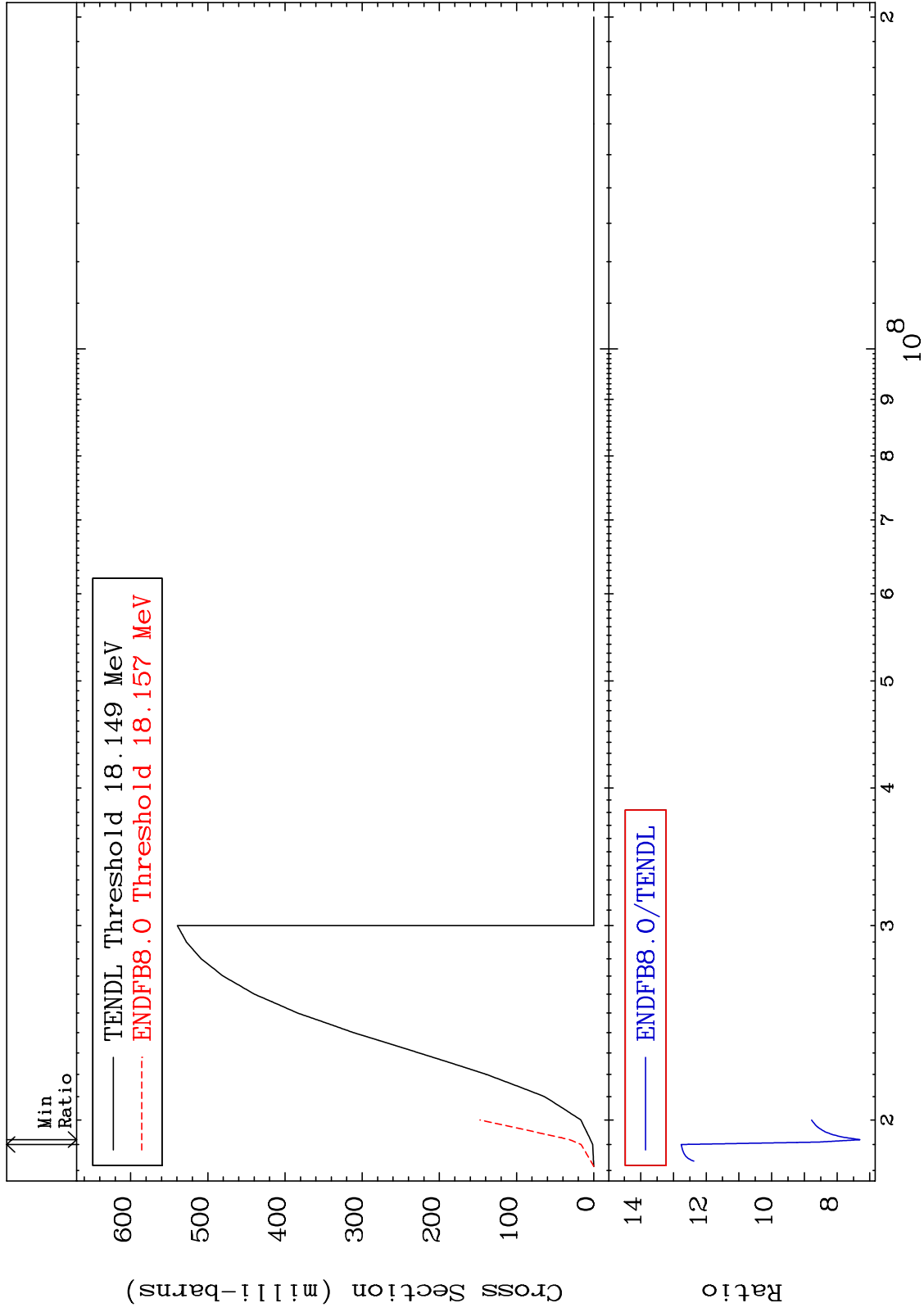
MAT 3437

(n,3n)

³⁴Se-78

Cross Section

630.2 To 1176. %



5

Incident Energy (eV)

³⁴Se-78

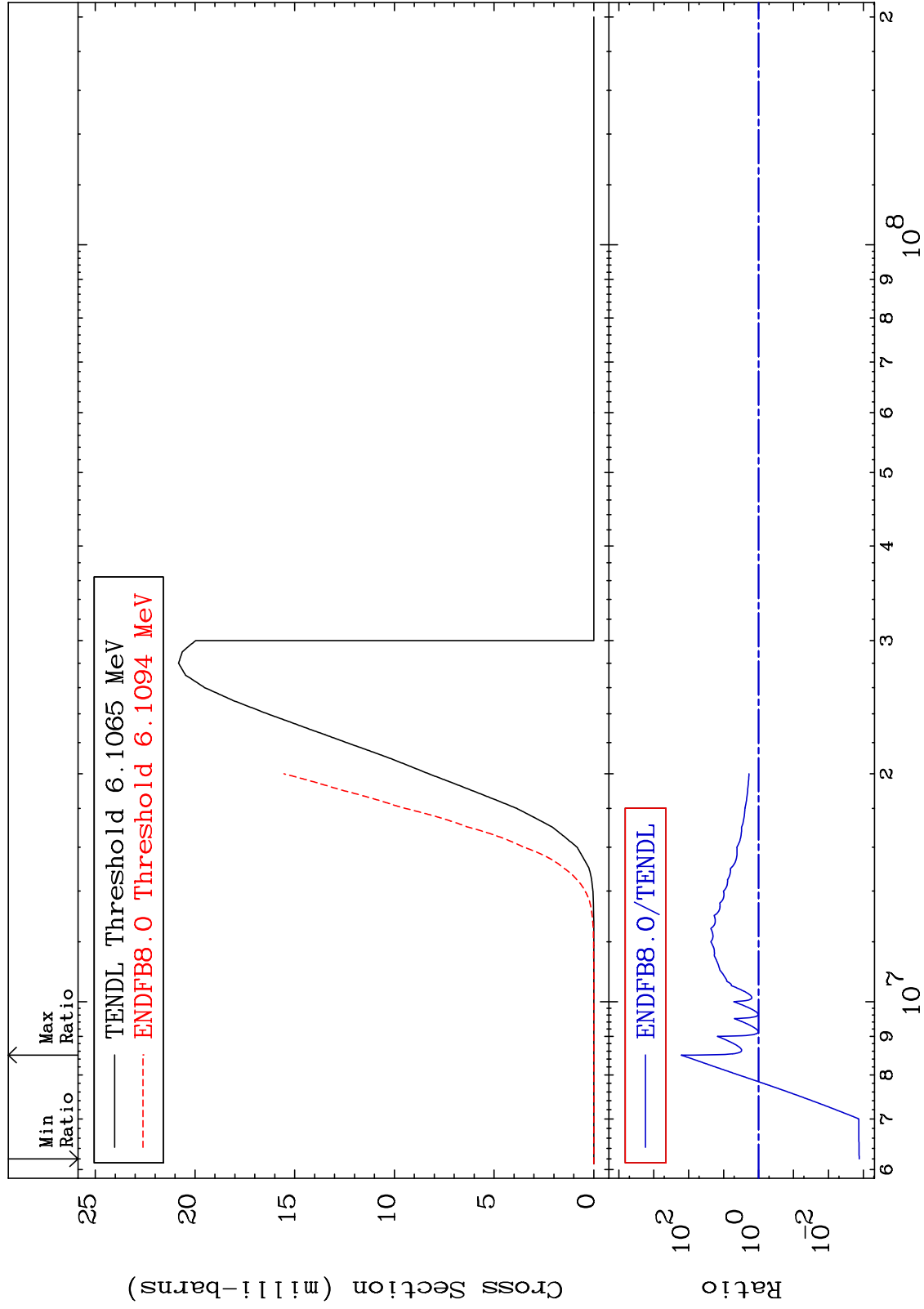
MAT 3437

(n,n') α

34-Se-78

Cross Section

-99.87 To 9999. %



6

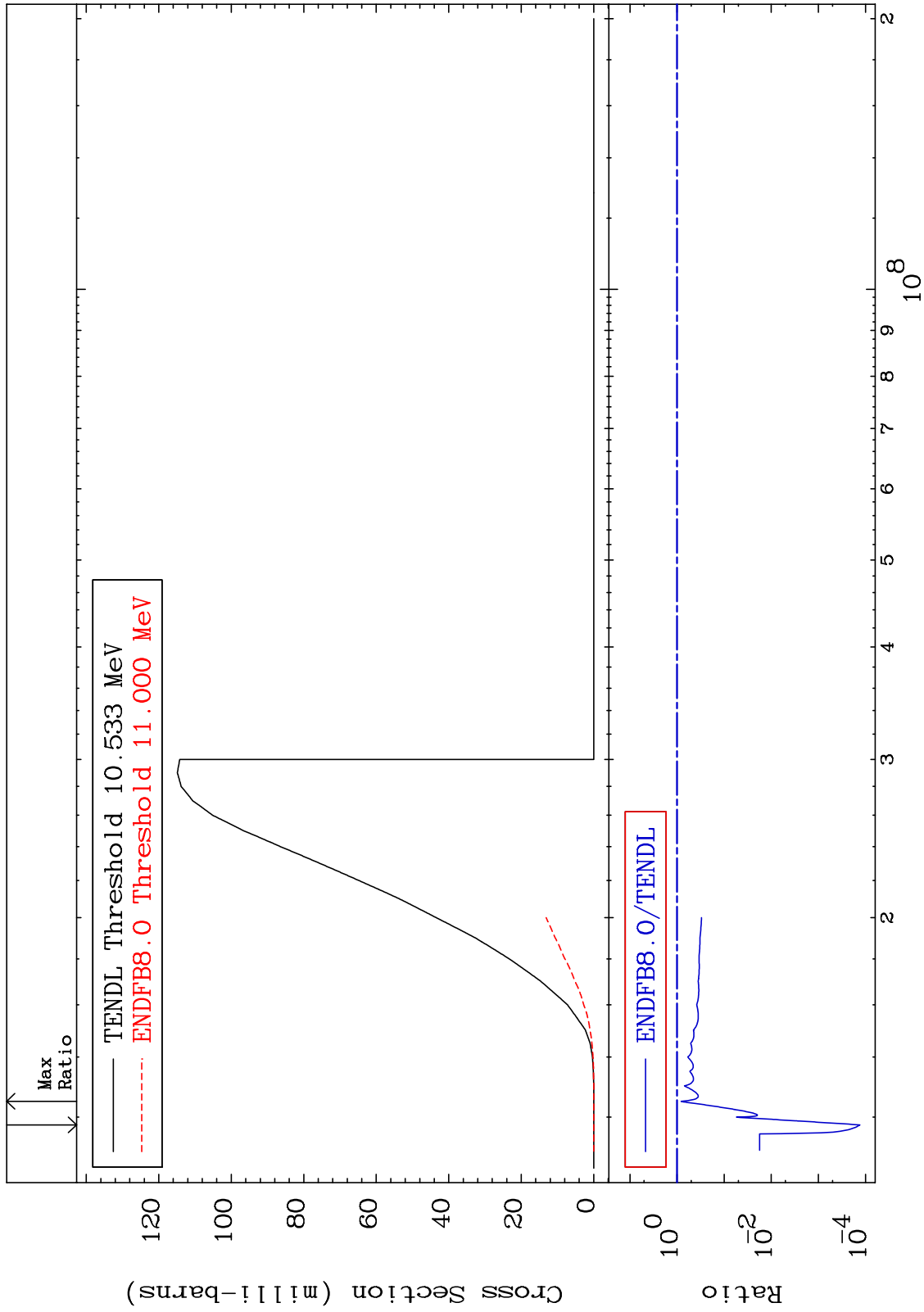
Incident Energy (eV)

34-Se-78

MAT 3437

(n,n') p
Cross Section

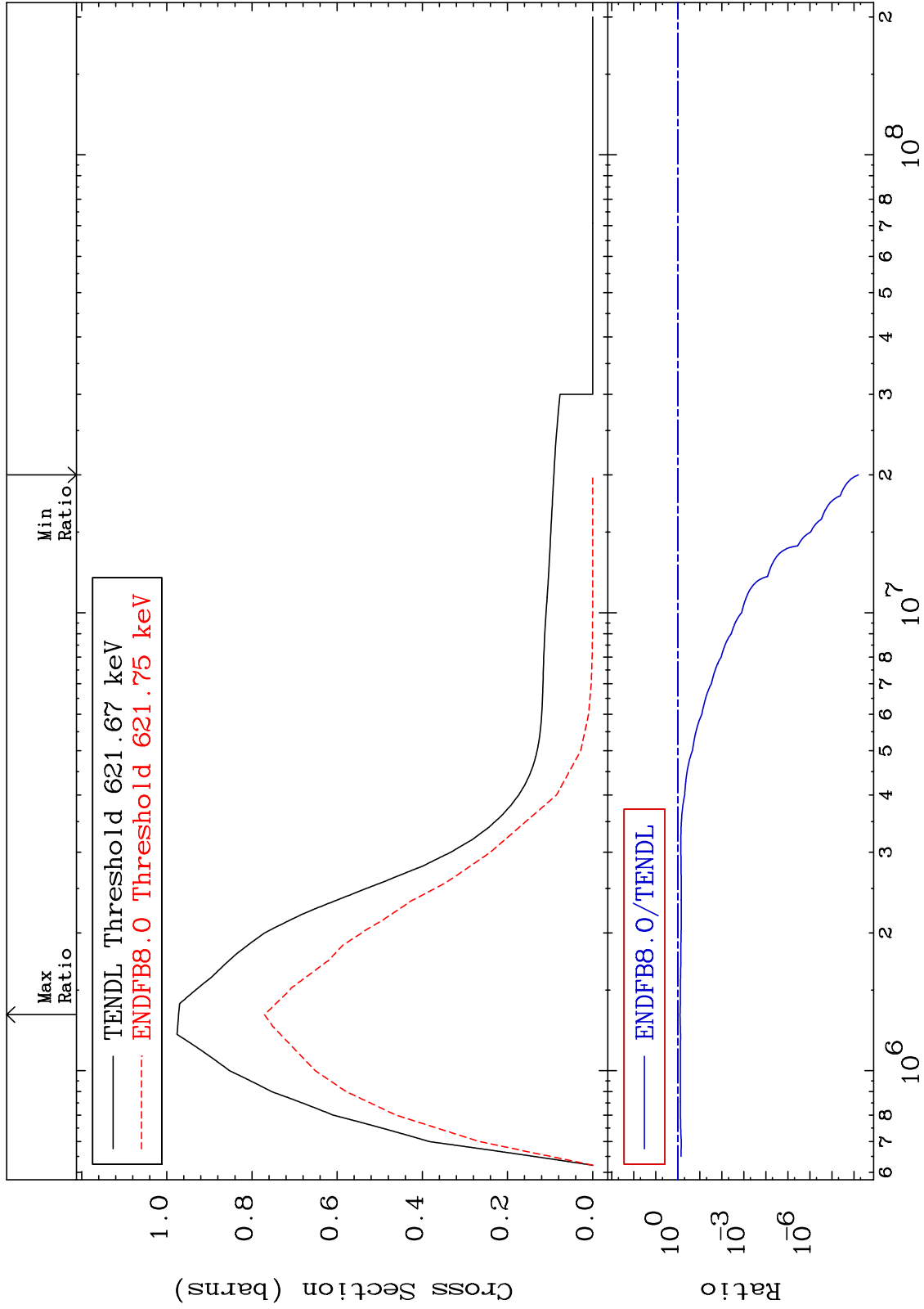
³⁴Se-78
-99.99 To -18.51%



MAT 3437

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

34-Se-78
-100.0 To -20.74%



8

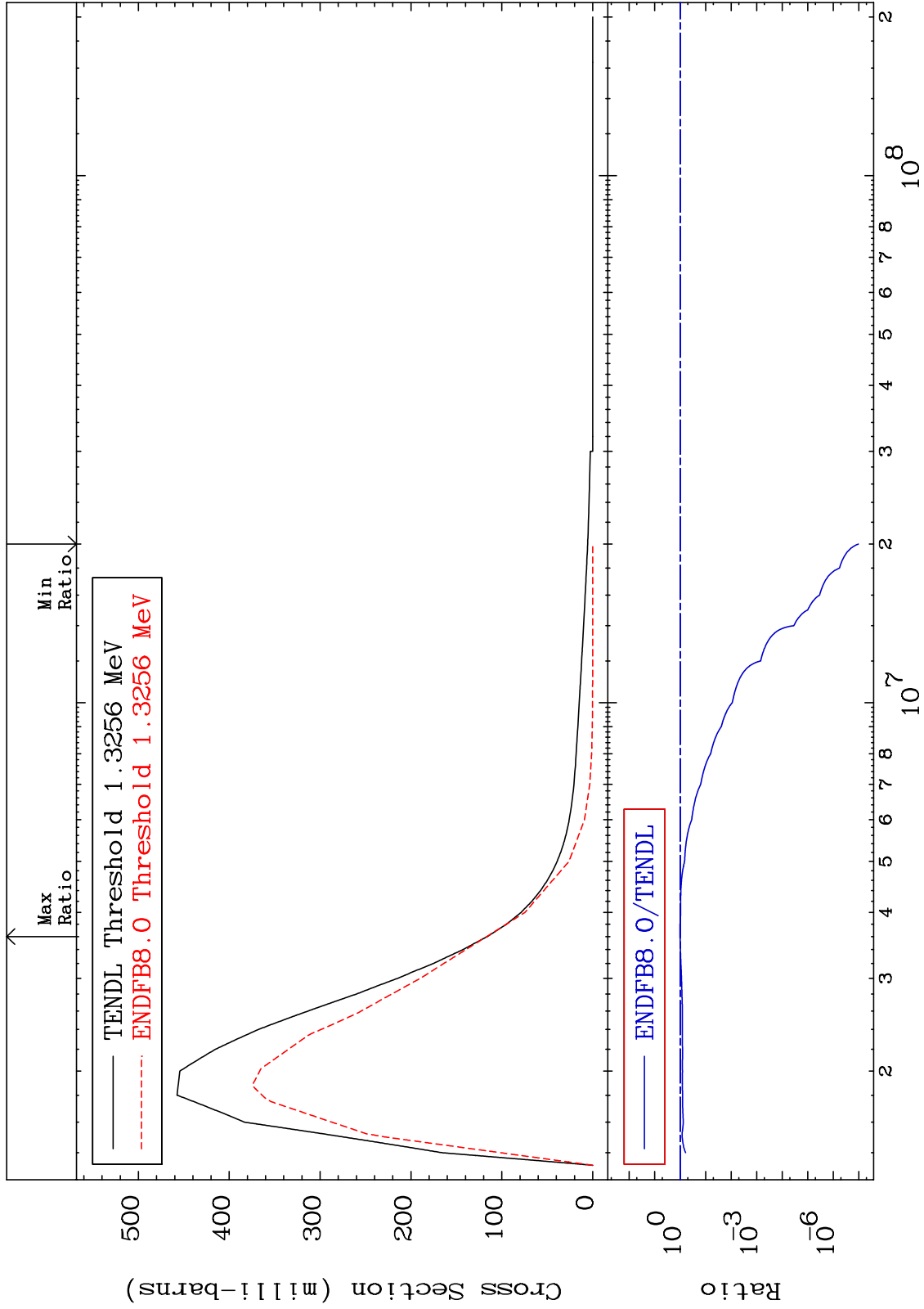
Incident Energy (eV)

34-Se-78

MAT 3437

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

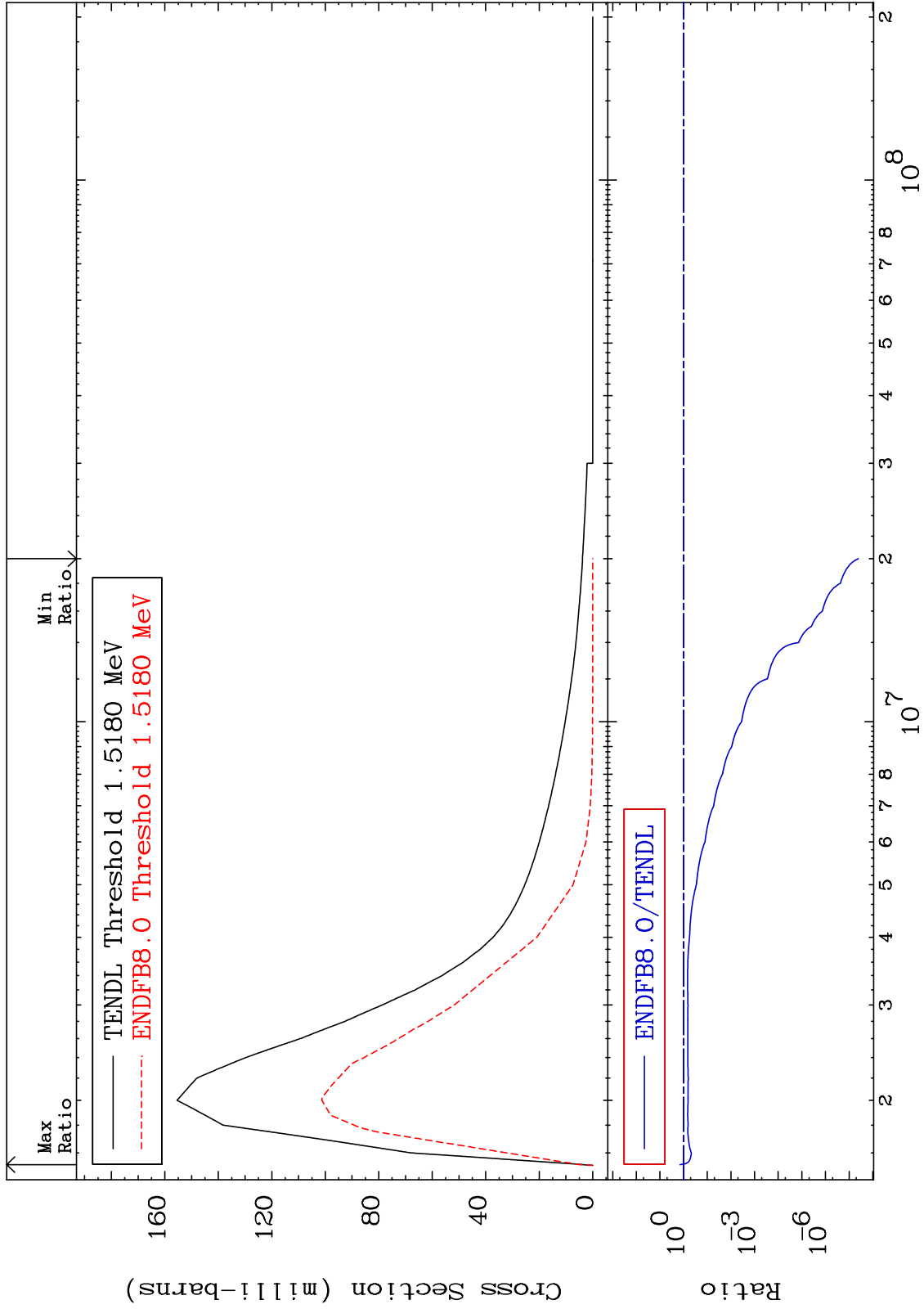
34-Se-78
-100.0 To 0.738 %



MAT 3437

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

34-Se-78
-100.0 To 42.03 %



10

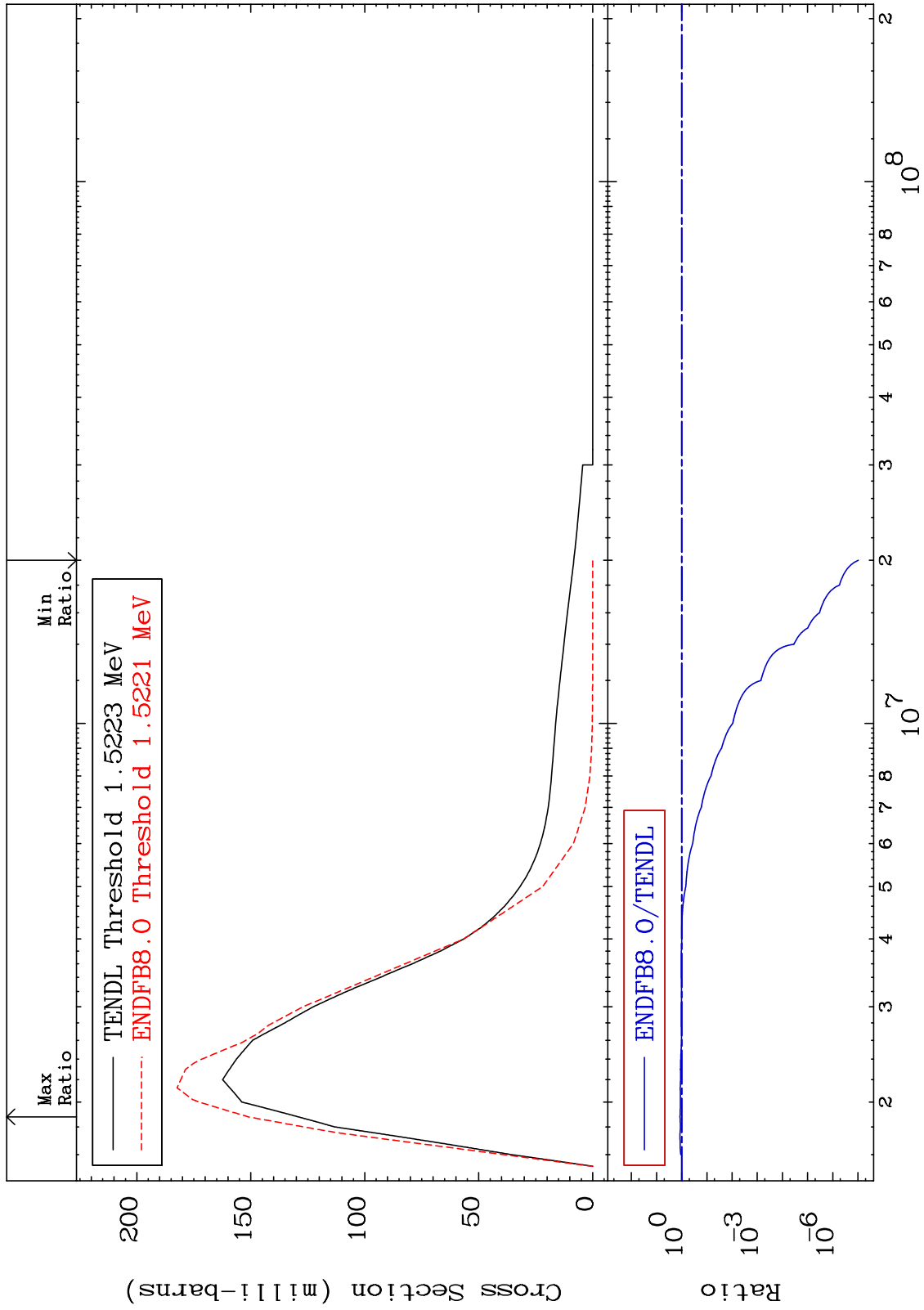
Incident Energy (eV)

34-Se-78

MAT 3437

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

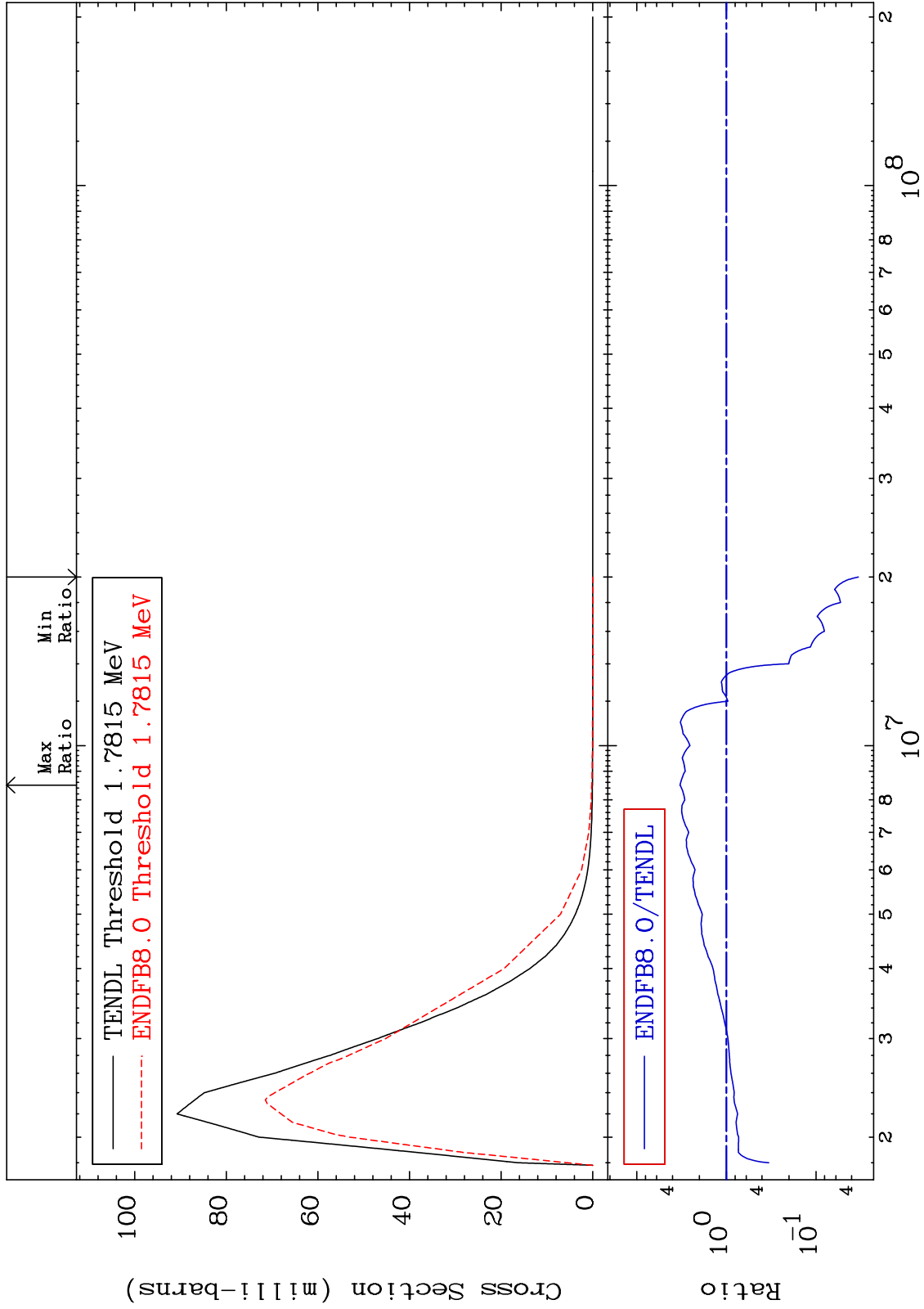
34-Se-78
-100.0 To 17.00 %



MAT 3437

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

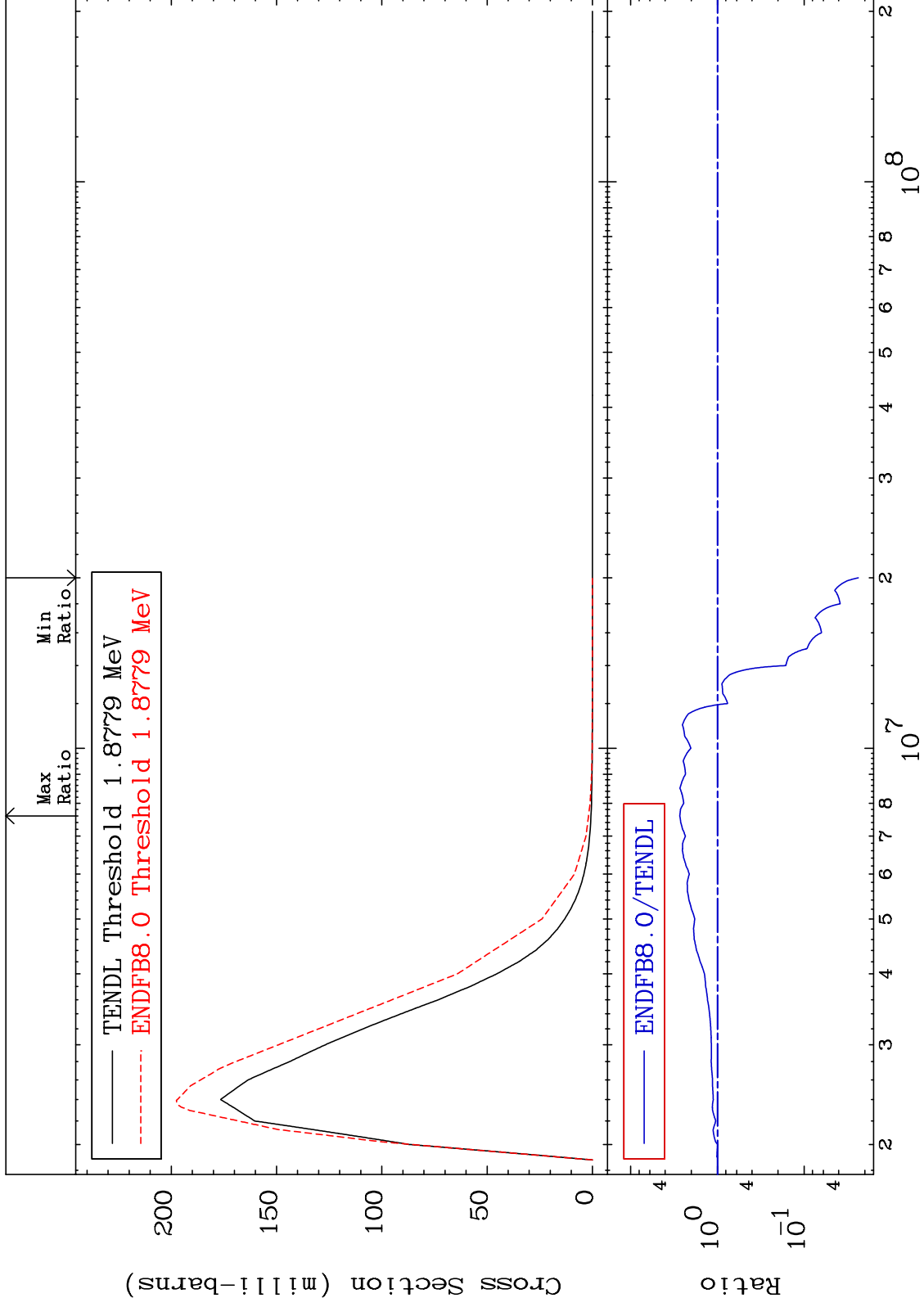
34-Se-78
-96.64 To 229.4 %



MAT 3437

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

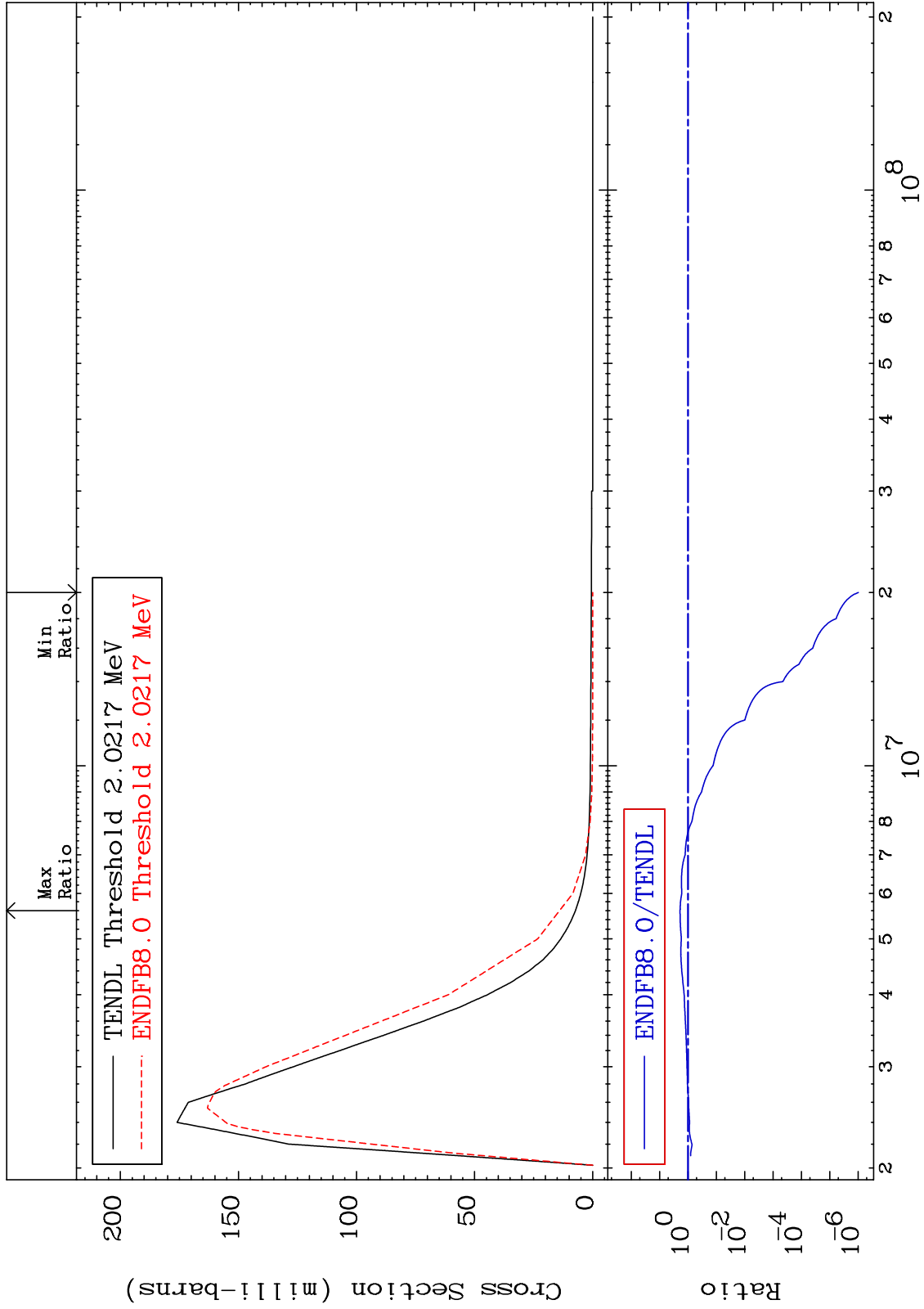
34-Se-78
-97.63 To 171.5 %



MAT 3437

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

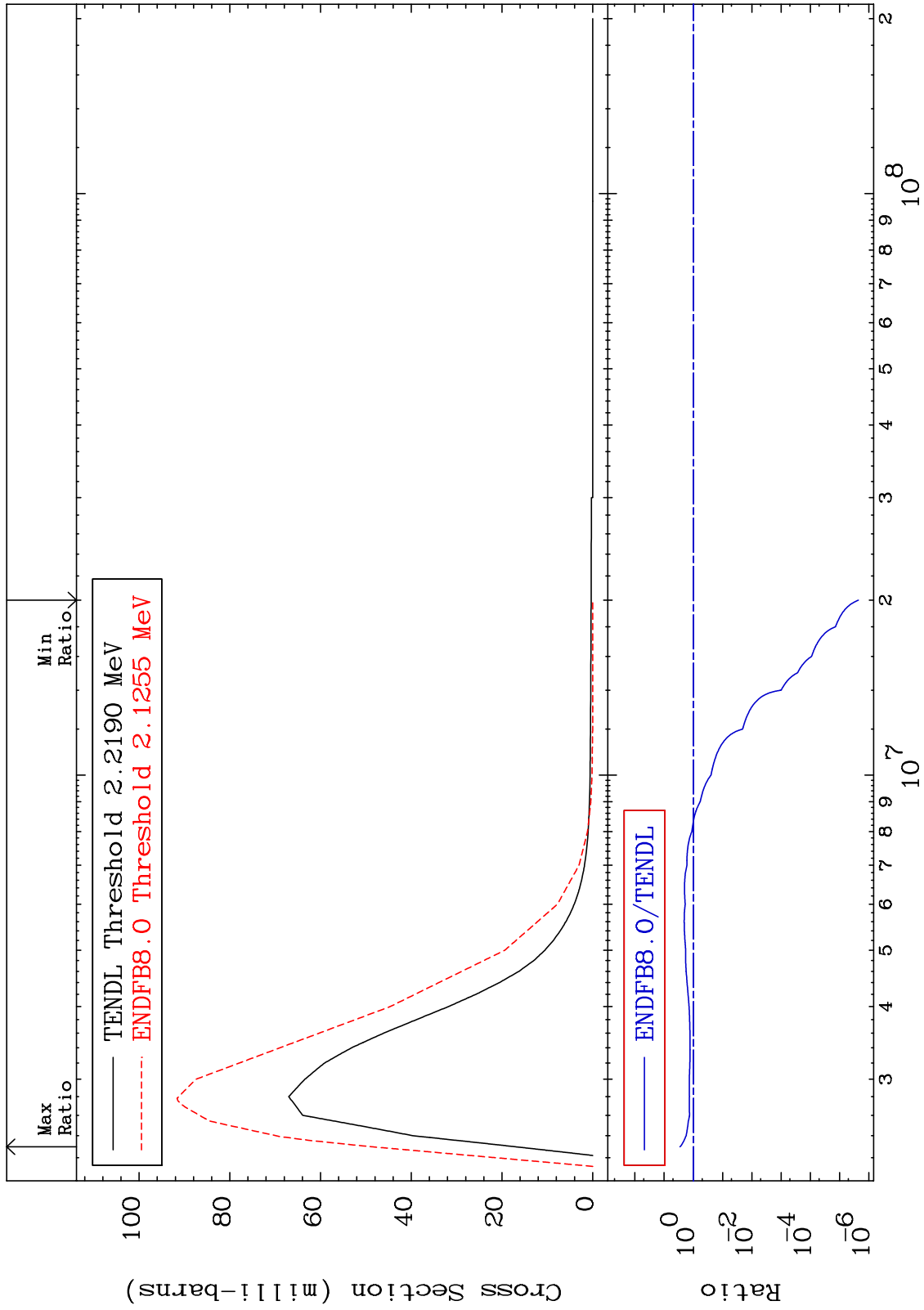
34-Se-78
-100.0 To 91.96 %



MAT 3437

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

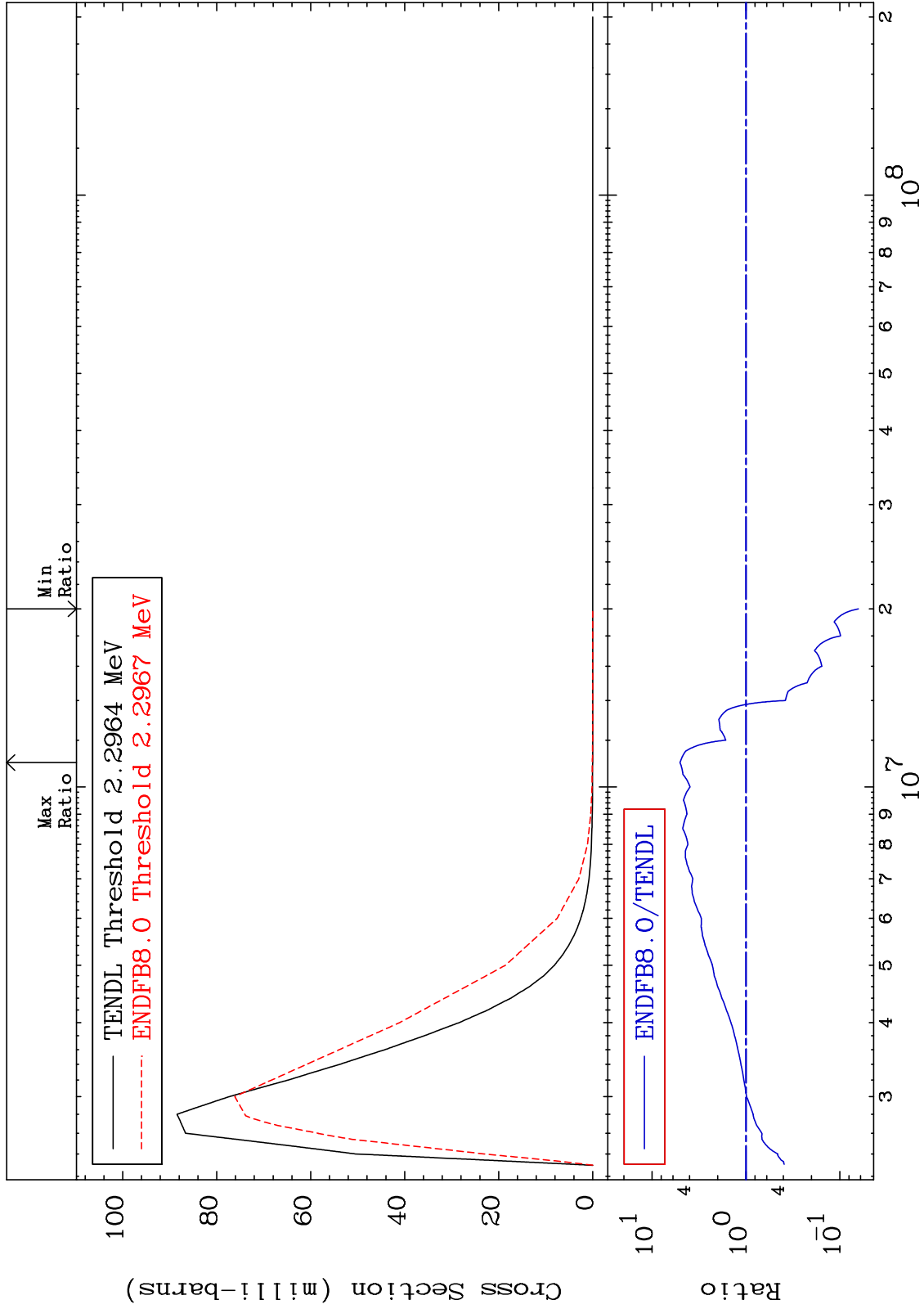
34-Se-78
-100.0 To 186.2 %



MAT 3437

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

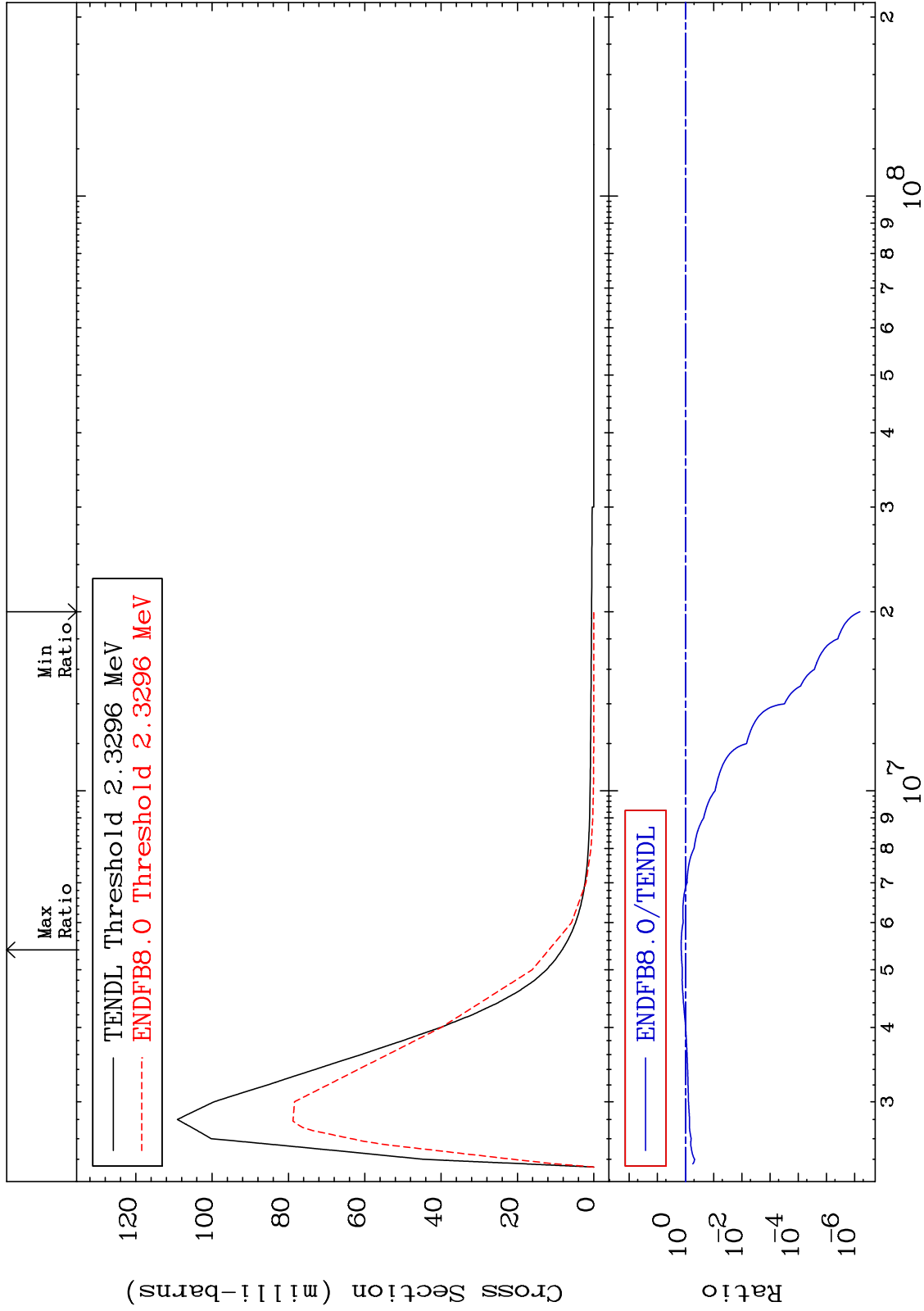
34-Se-78
-93.67 To 404.2 %



MAT 3437

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

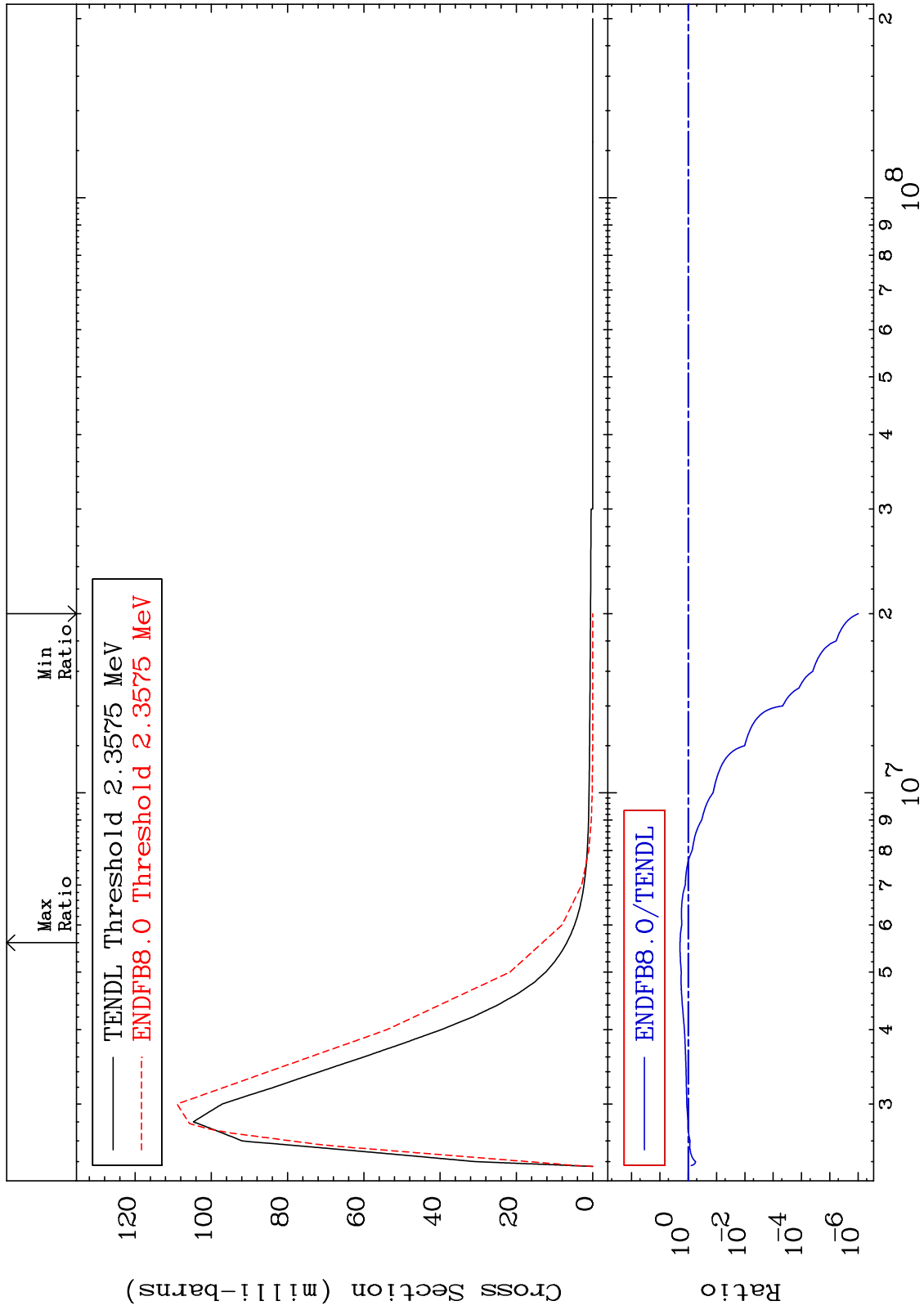
34-Se-78
-100.0 To 42.28 %



MAT 3437

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

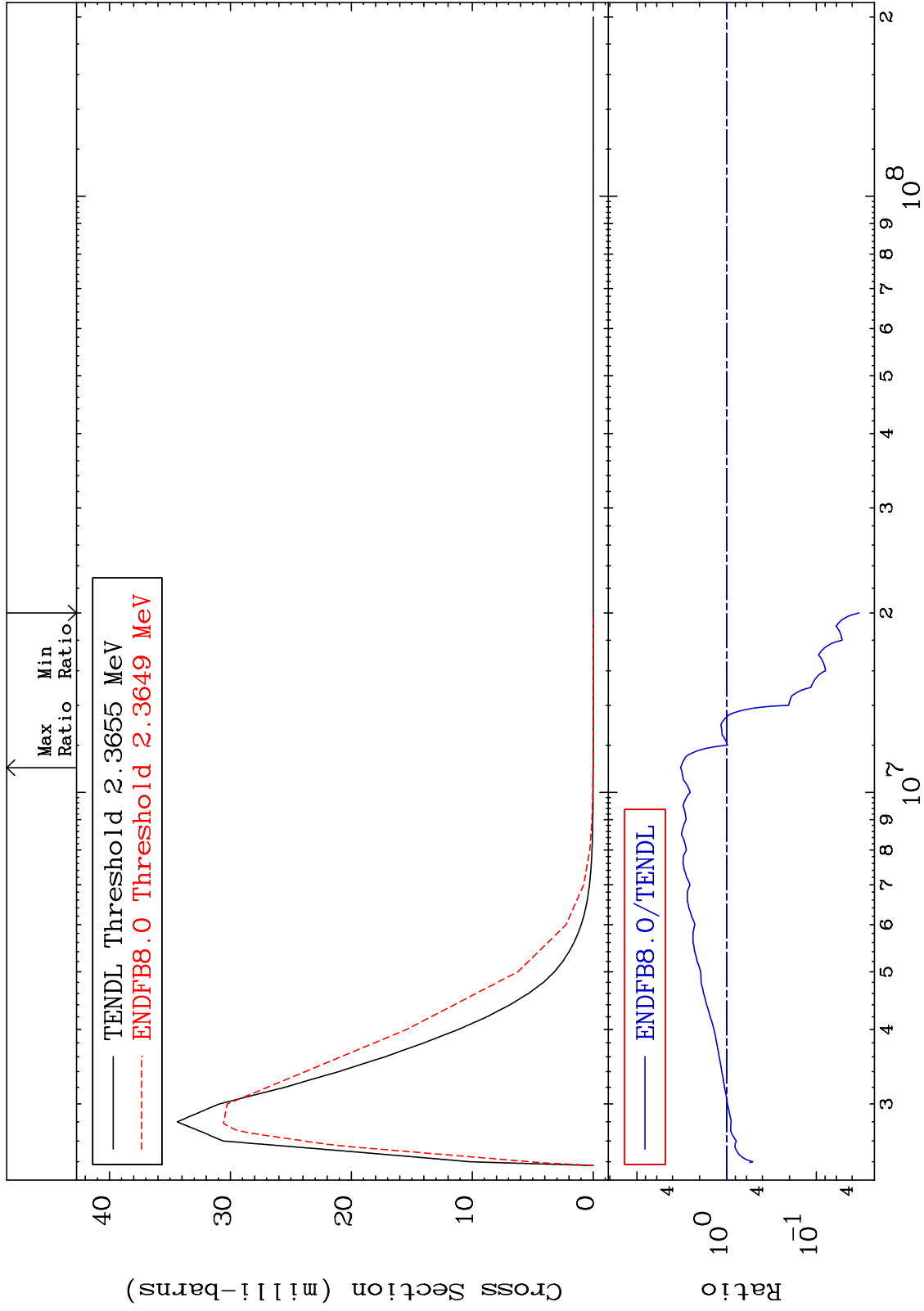
34-Se-78
-100.0 To 94.18 %



MAT 3437

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

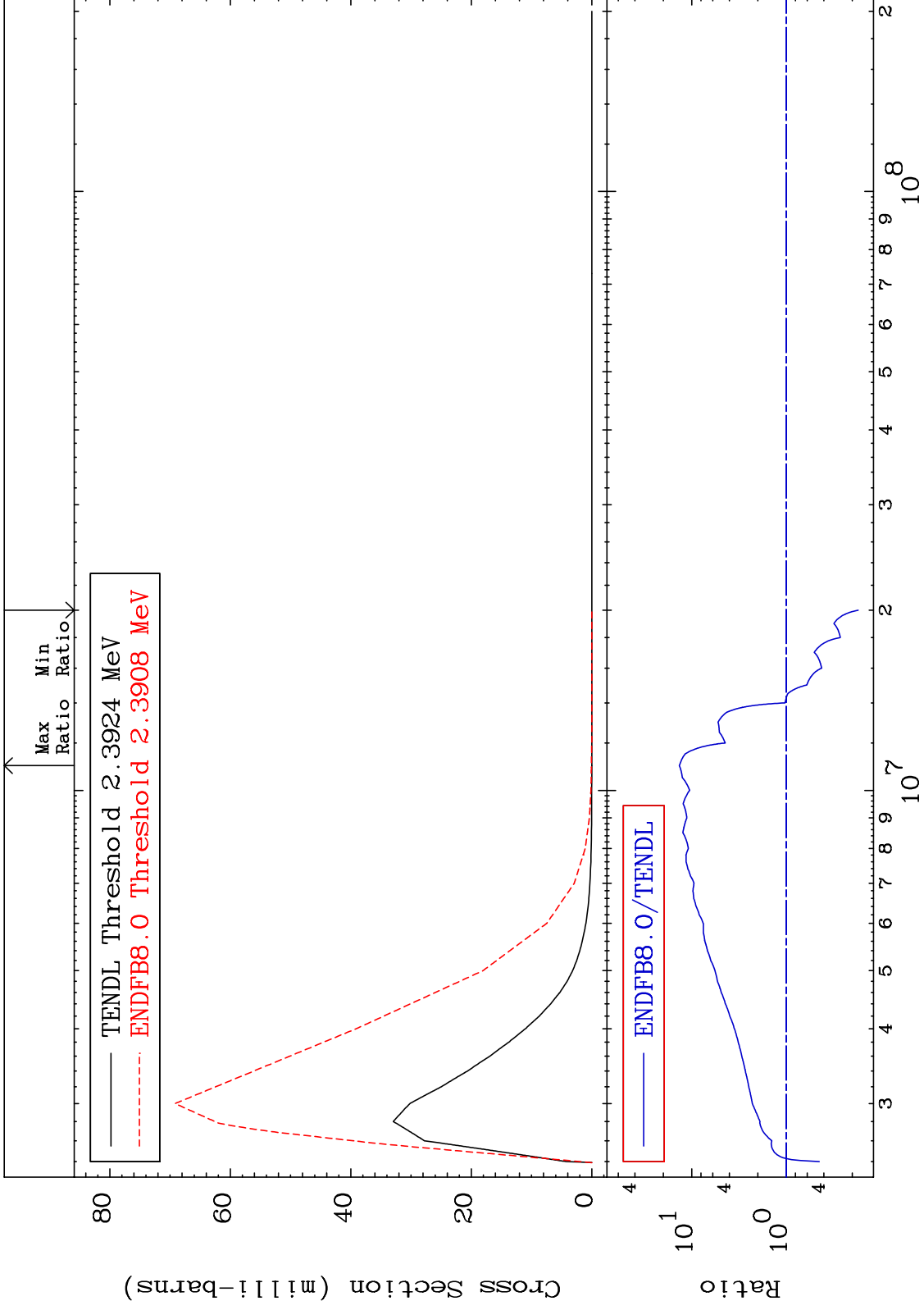
34-Se-78
-96.66 To 225.2 %



MAT 3437

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

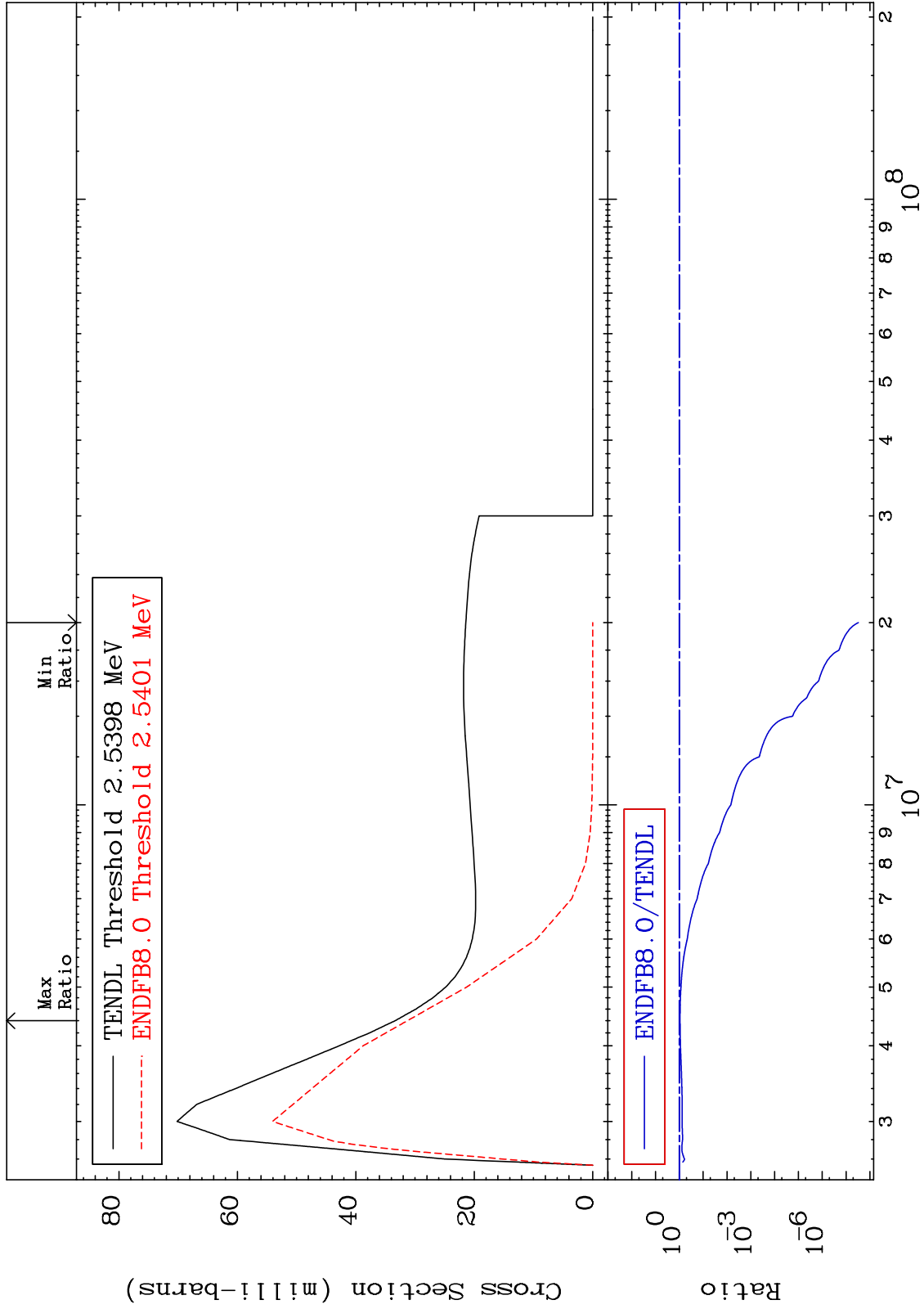
34-Se-78
-82.66 To 1254. %



MAT 3437

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

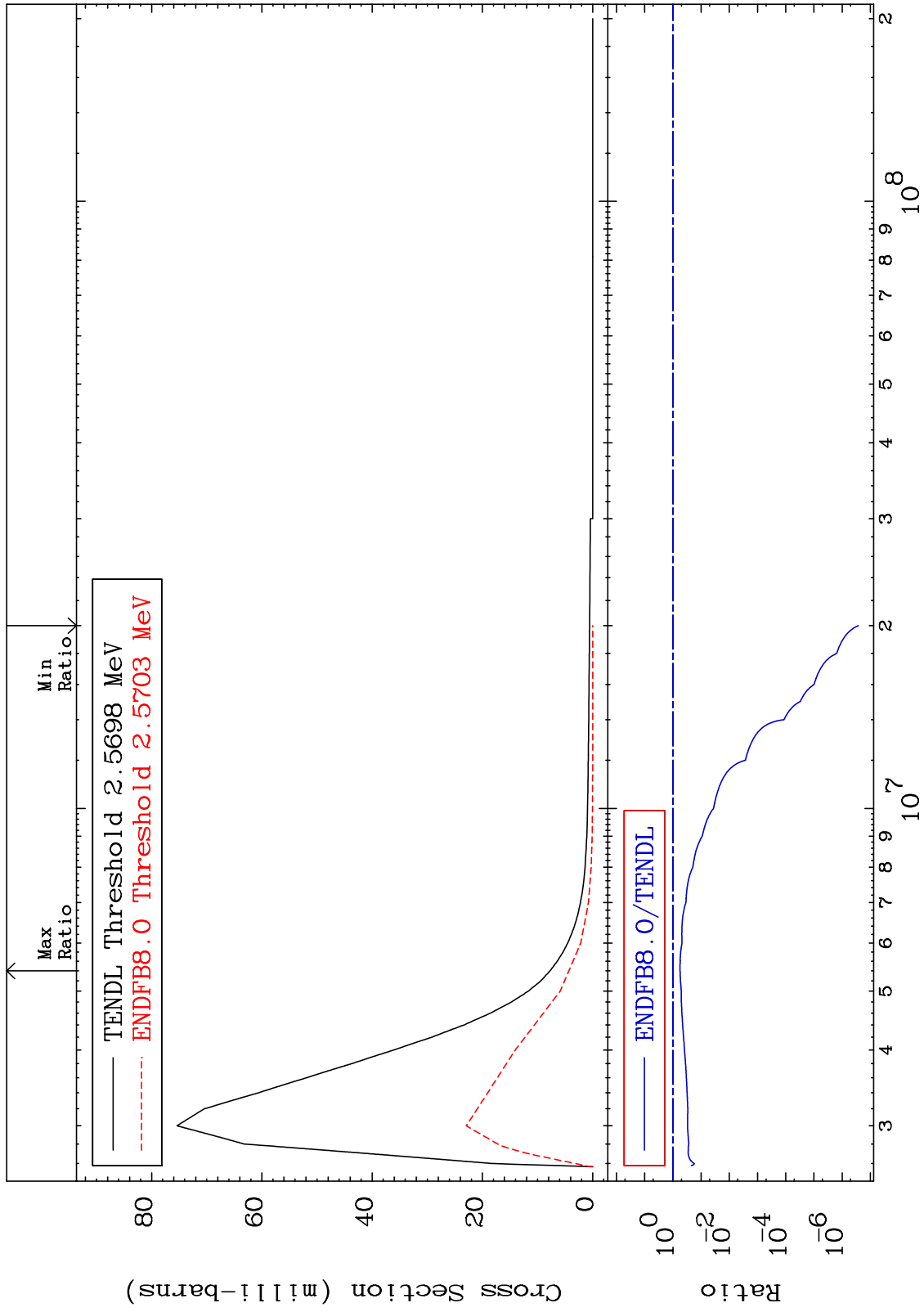
34-Se-78
-100.0 To -6.186%



MAT 3437

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

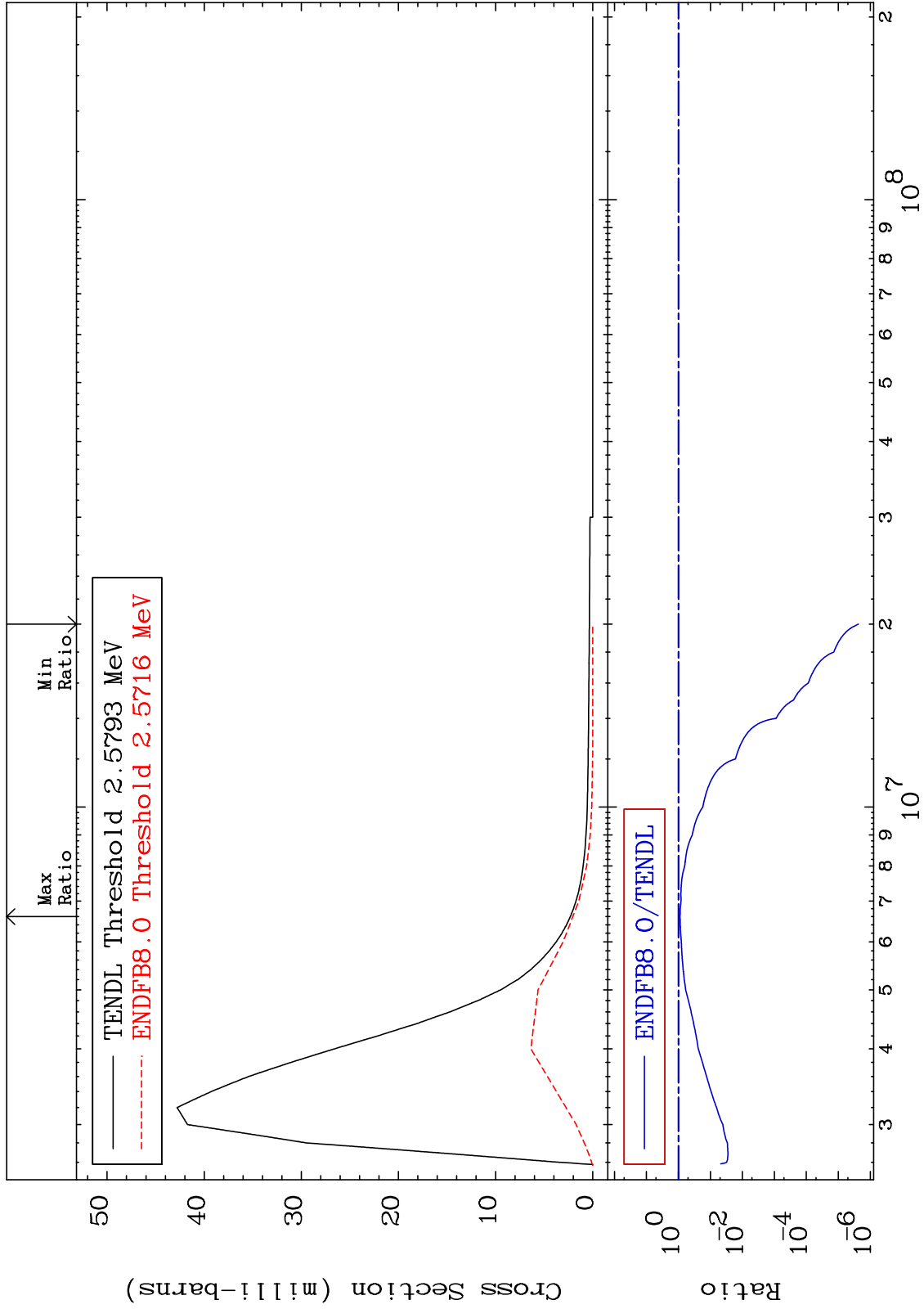
34-Se-78
-100.0 To -44.06%



MAT 3437

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

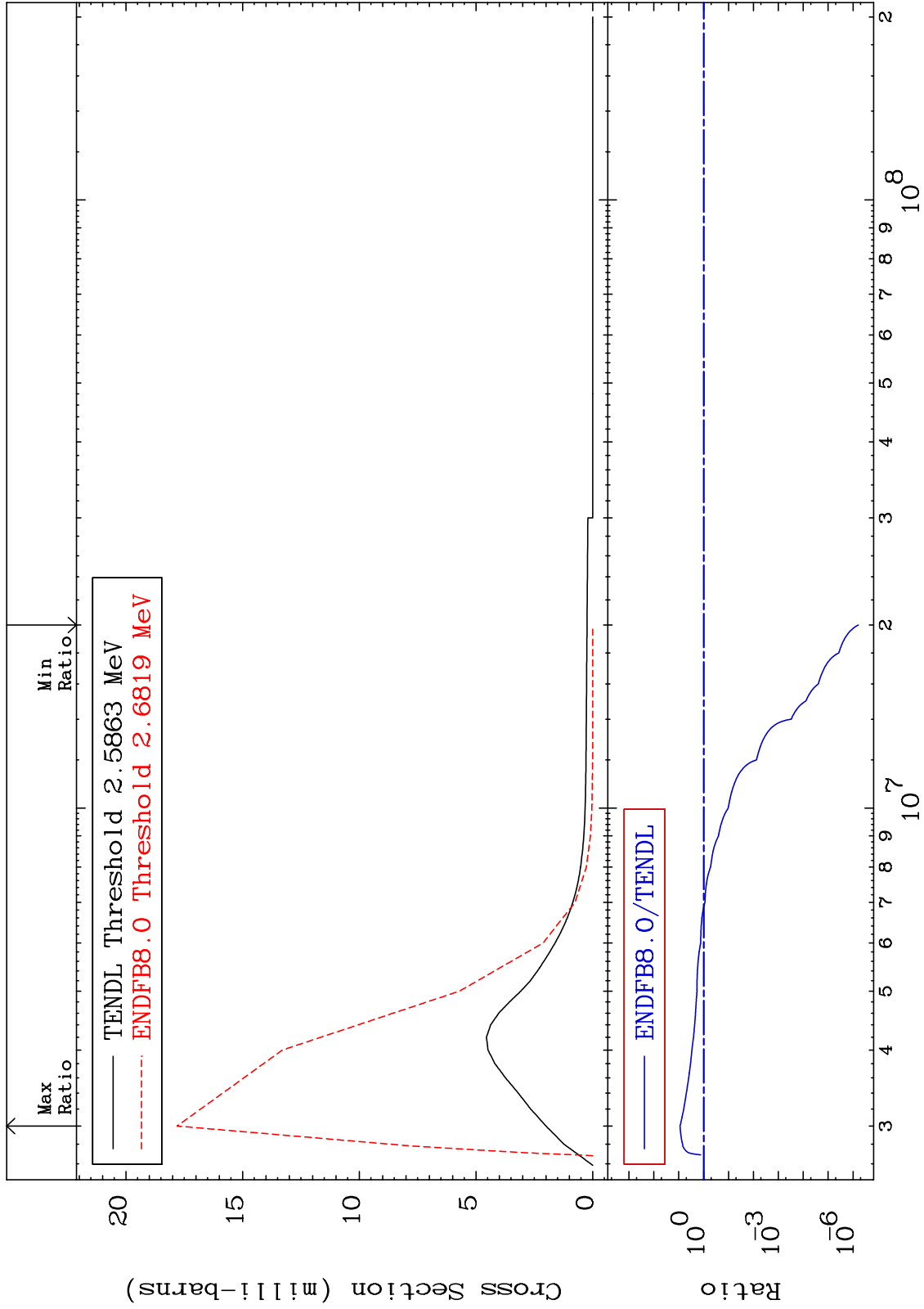
34-Se-78
-100.0 To -10.94%



MAT 3437

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

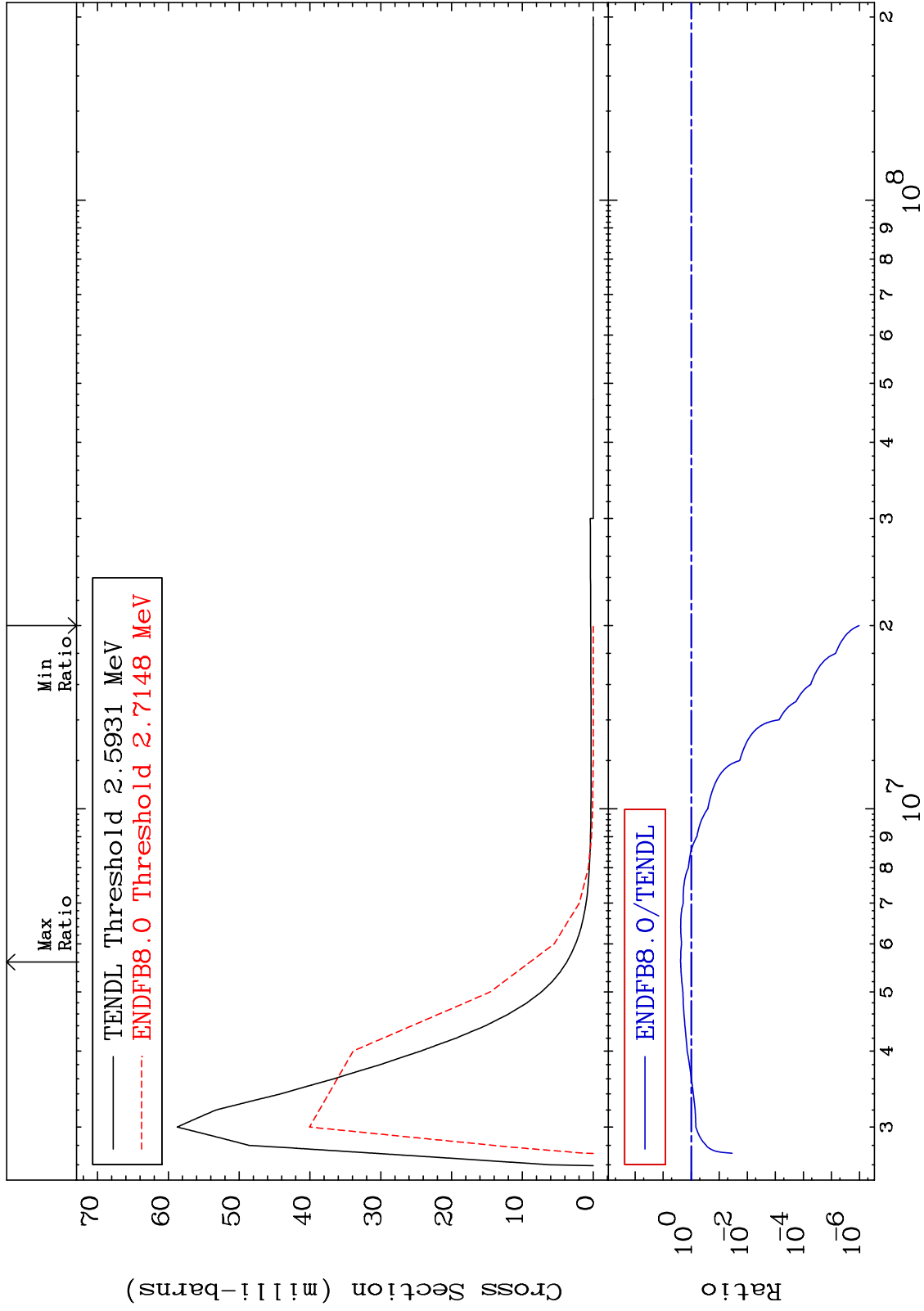
34-Se-78
-100.0 To 789.2 %



MAT 3437

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

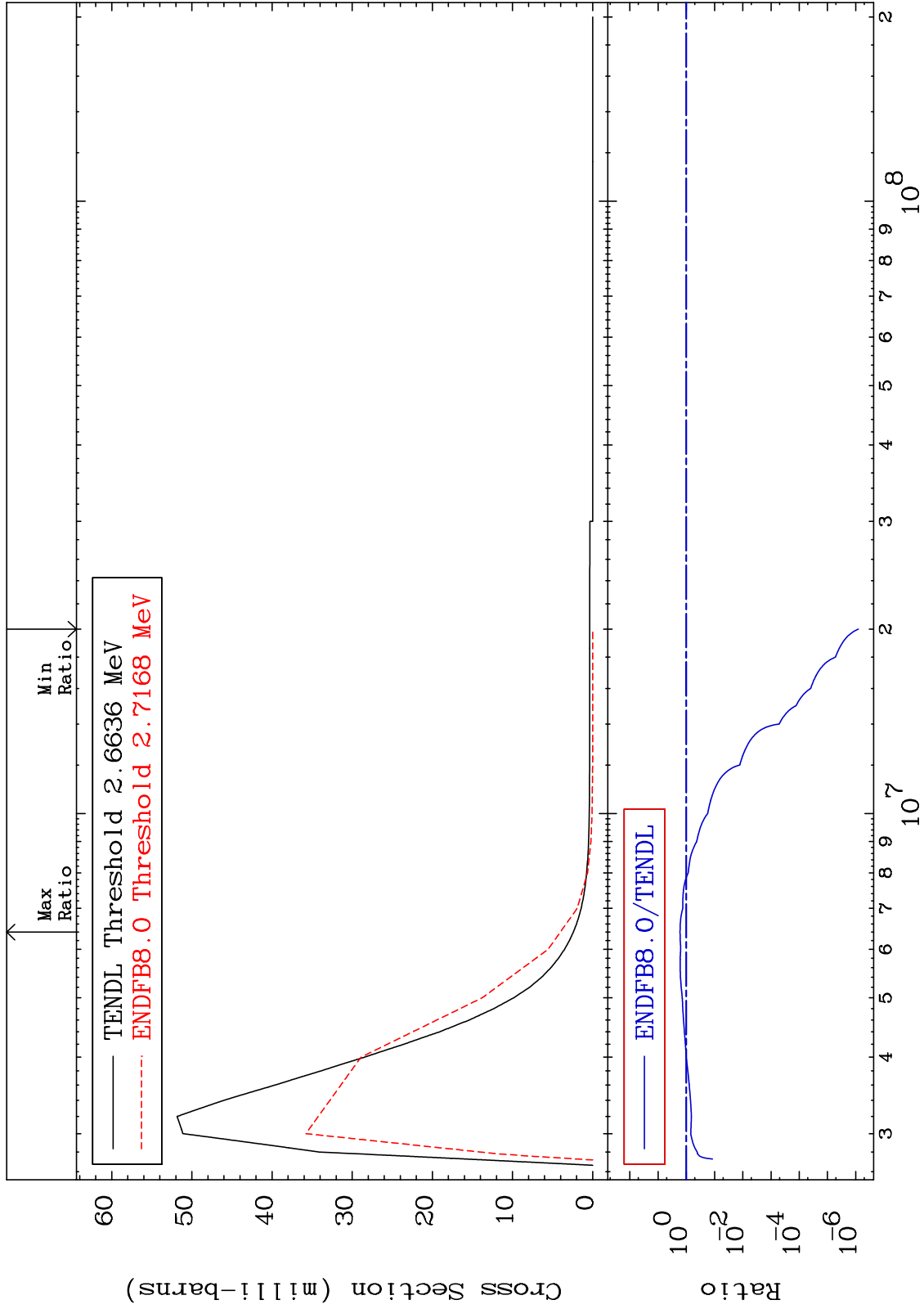
34-Se-78
-100.0 To 139.1 %



MAT 3437

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

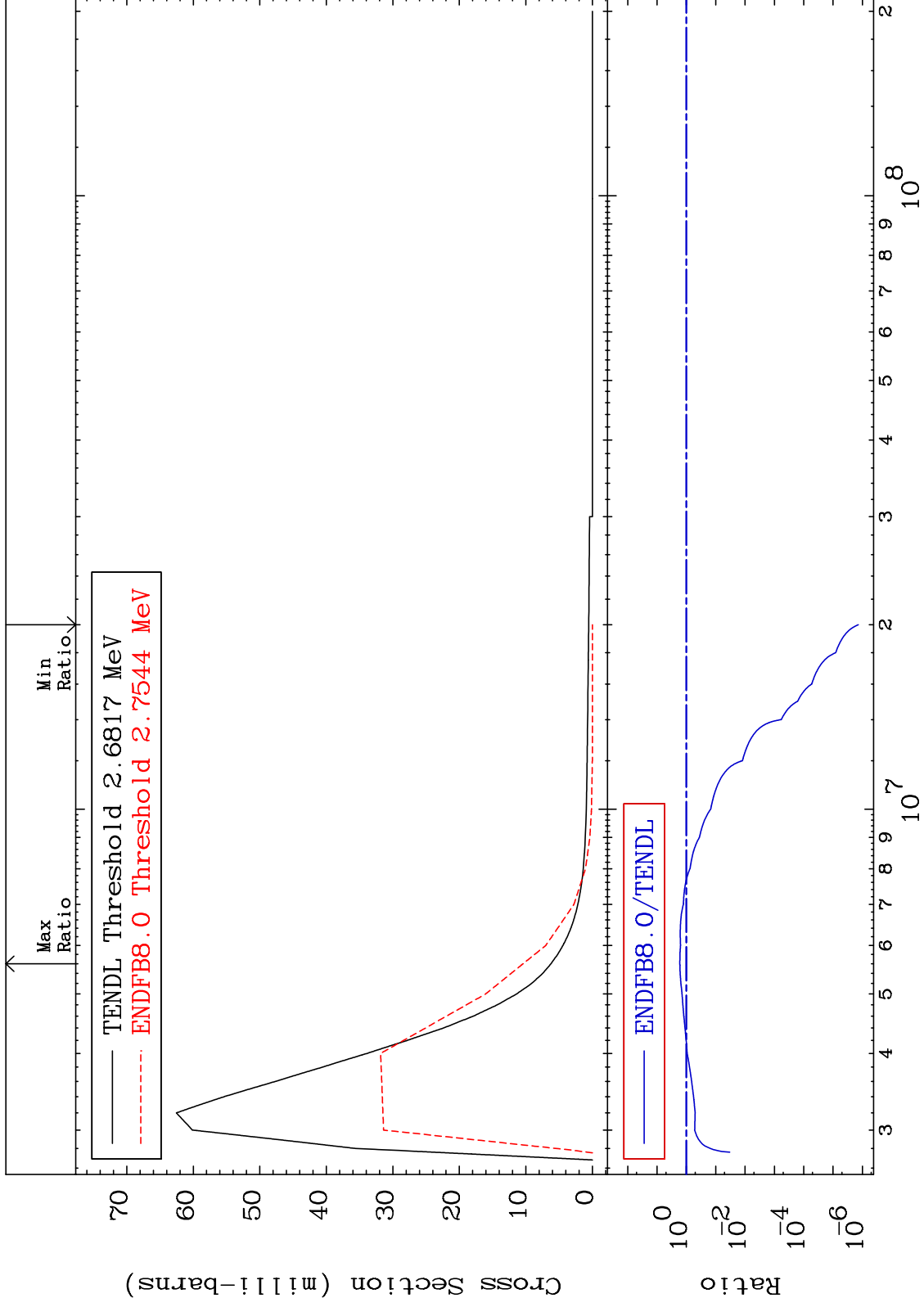
34-Se-78
-100.0 To 67.52 %



MAT 3437

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

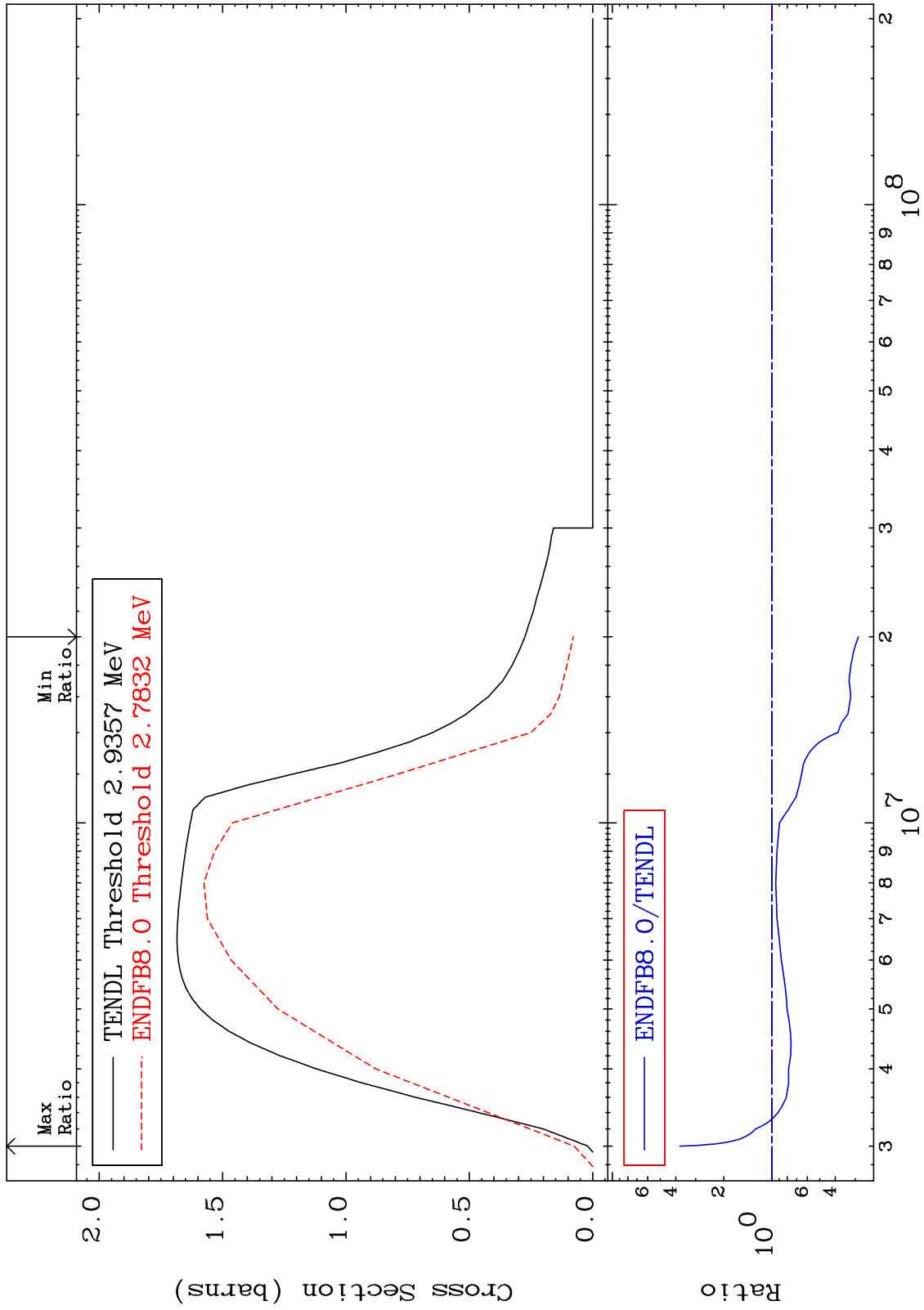
34-Se-78
-100.0 To 67.66 %



MAT 3437

(n, n') Continuum
Cross Section

34-Se-78
-71.33 To 276.2 %



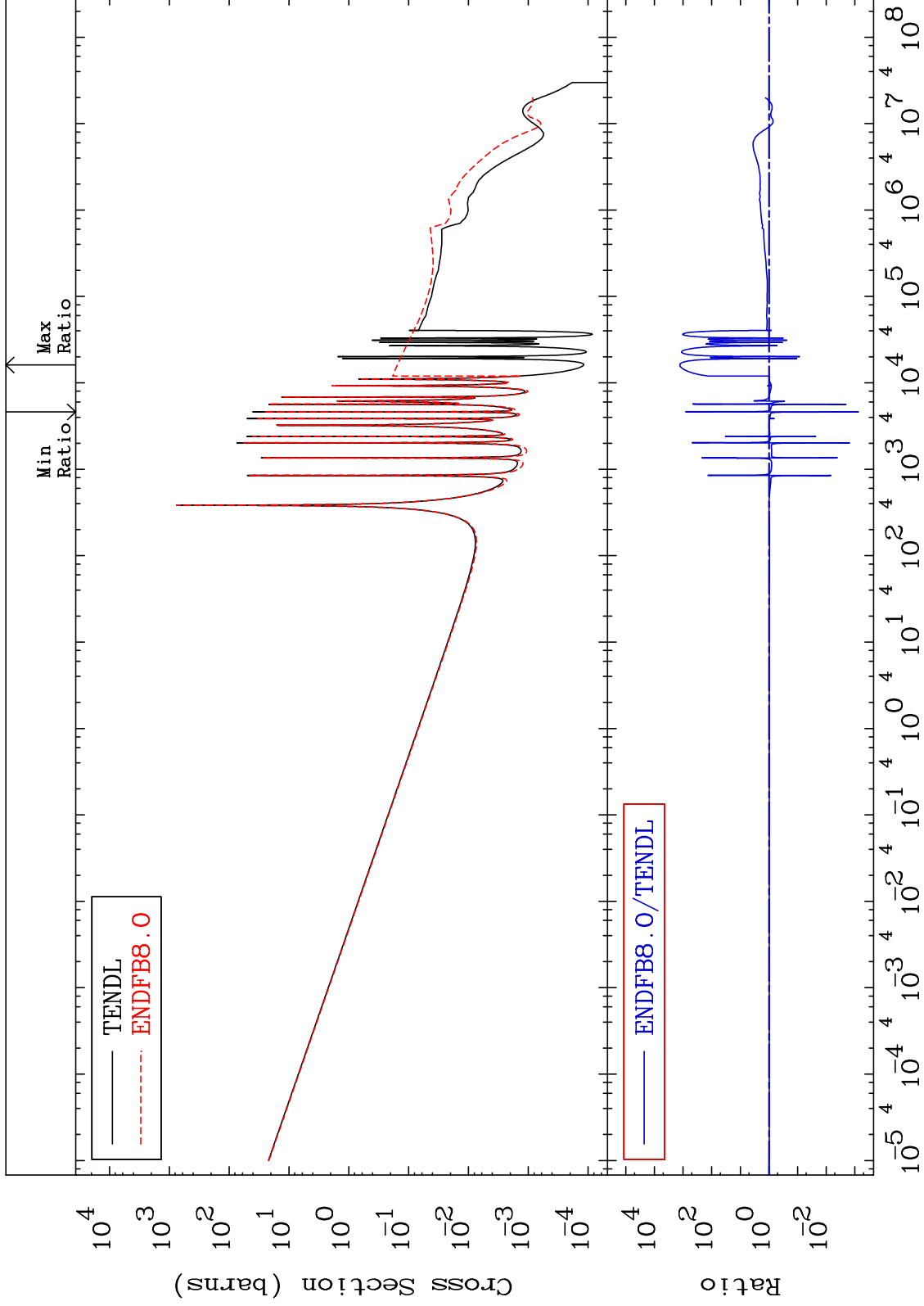
MAT 3437

(n, γ)

34-Se-78

Cross Section

-99.92 To 9999. %



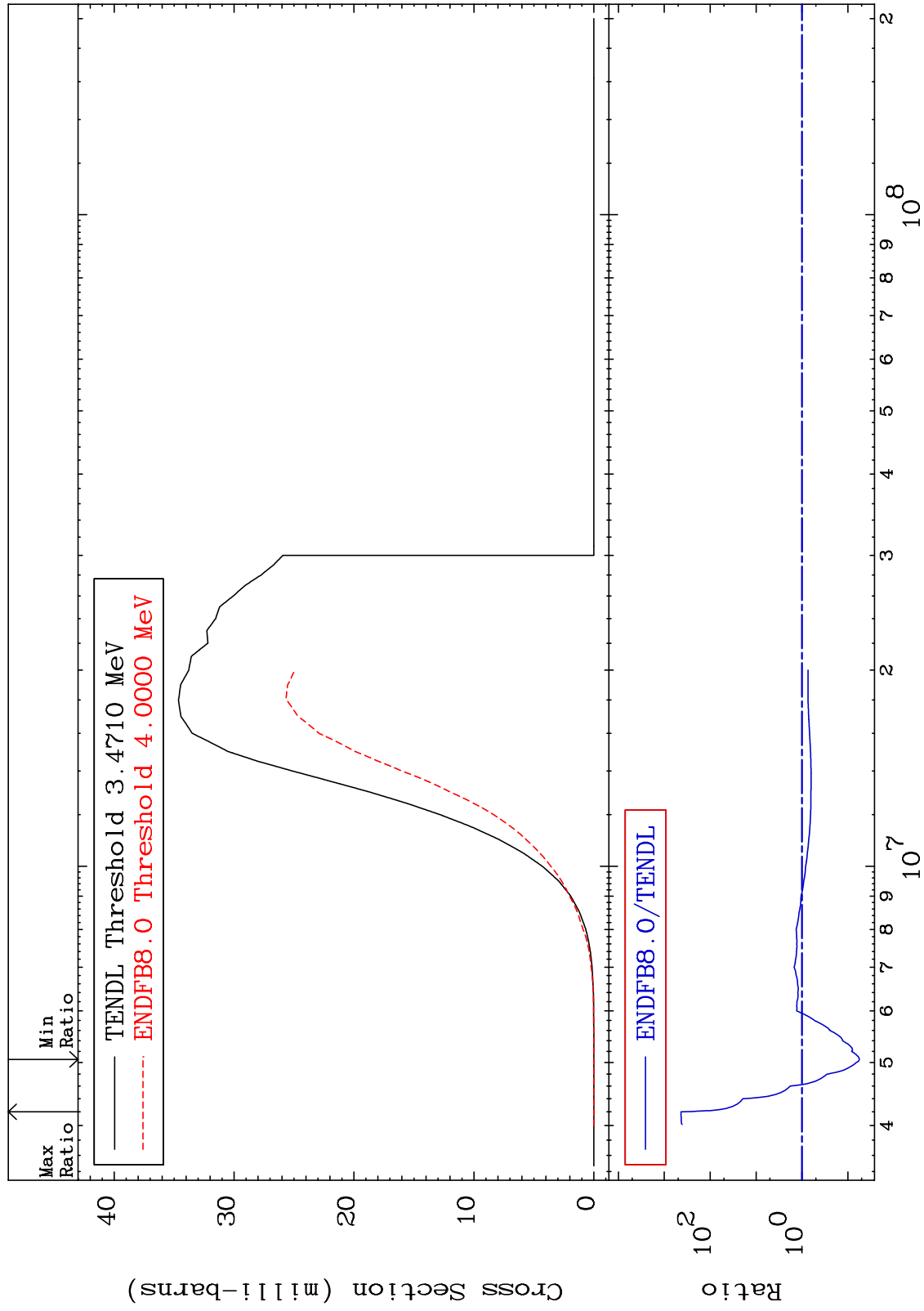
MAT 3437

(n,p)

34-Se-78

Cross Section

-94.35 To 9999. %



30

34-Se-78

34-Se-78

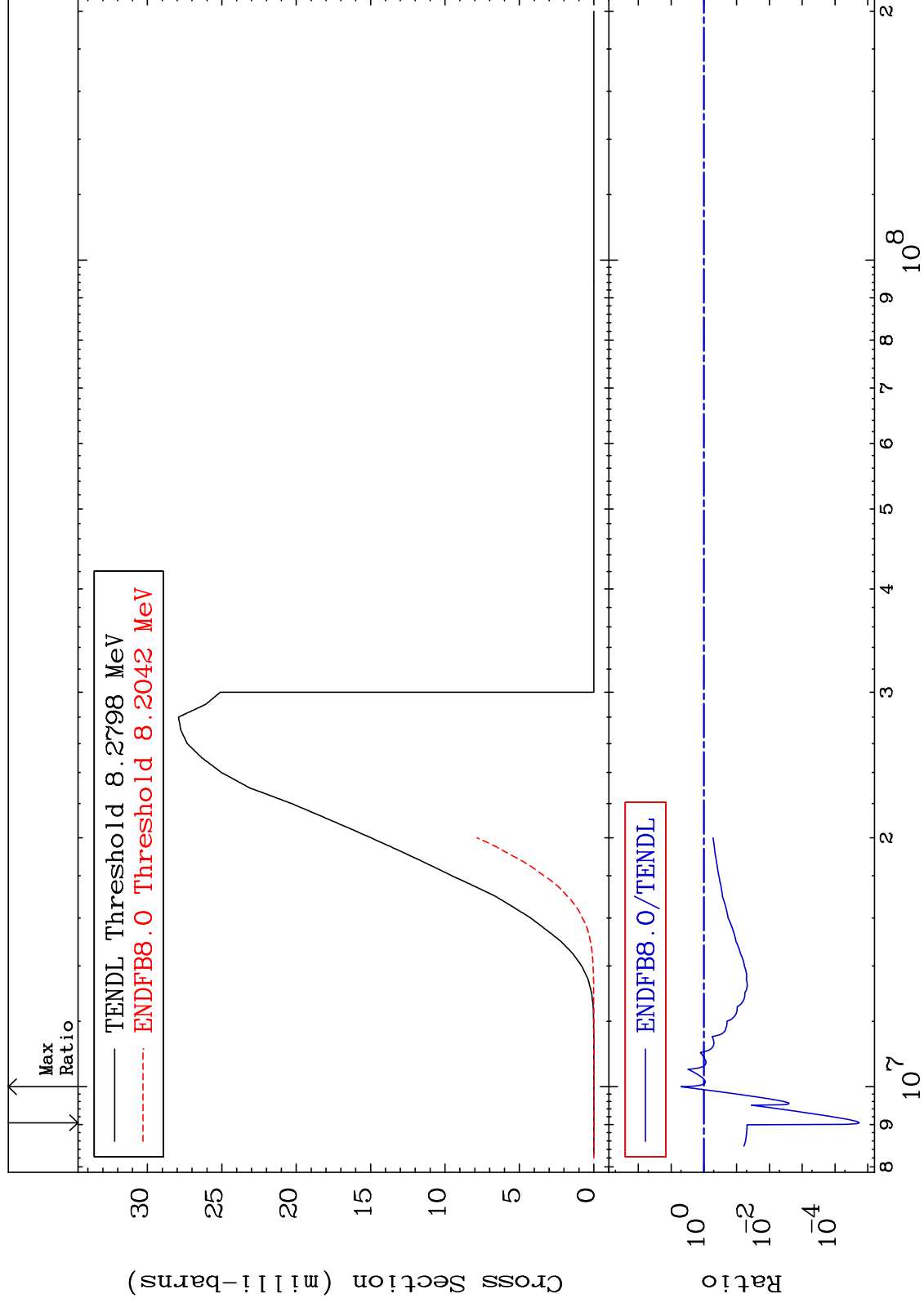
MAT 3437

(n, d)

34-Se-78

Cross Section

-100.0 To 396.9 %



31

Incident Energy (eV)

34-Se-78

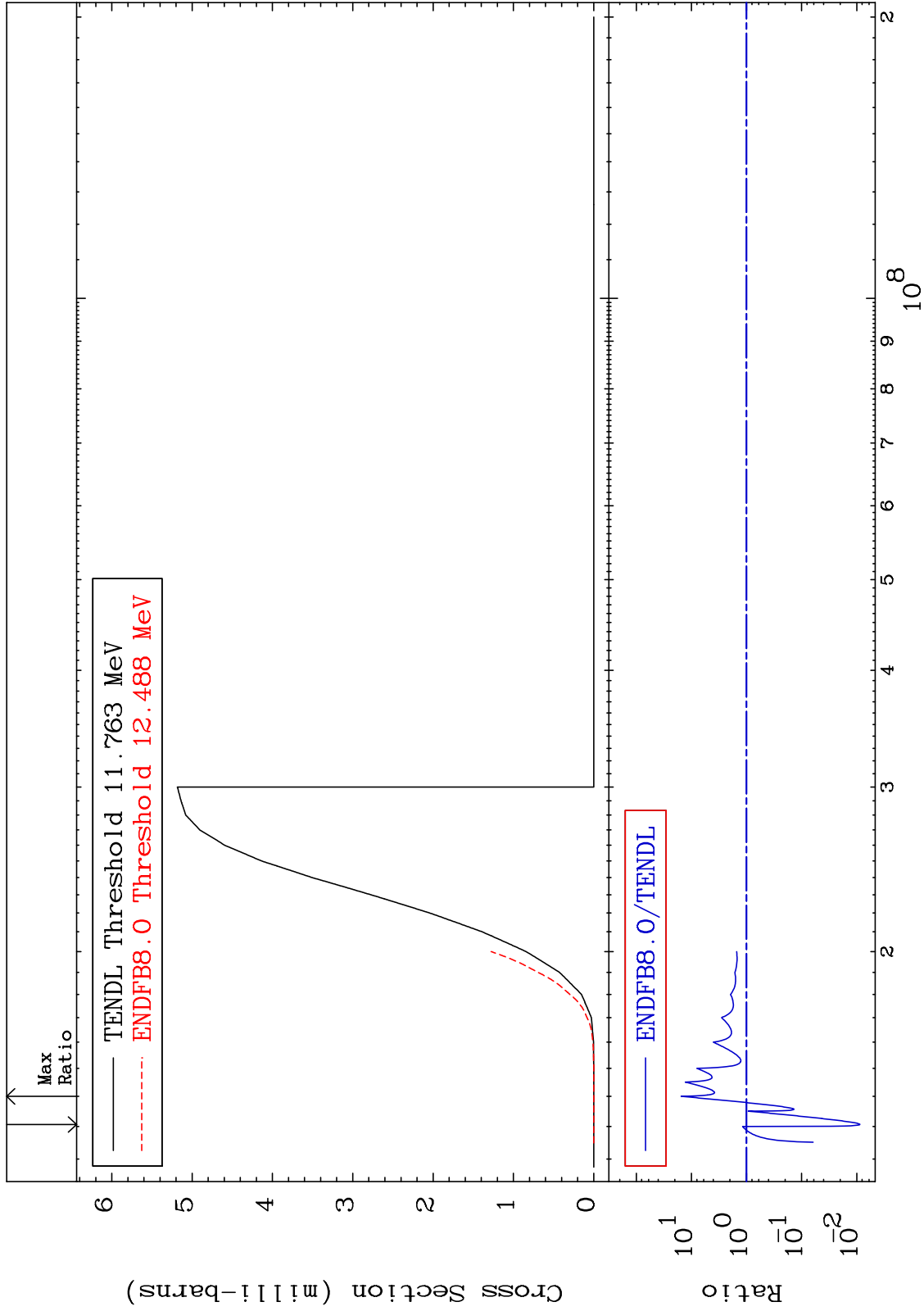
MAT 3437

(n, t)

34-Se-78

Cross Section

-99.12 To 1433. %



32

Incident Energy (eV)

34-Se-78

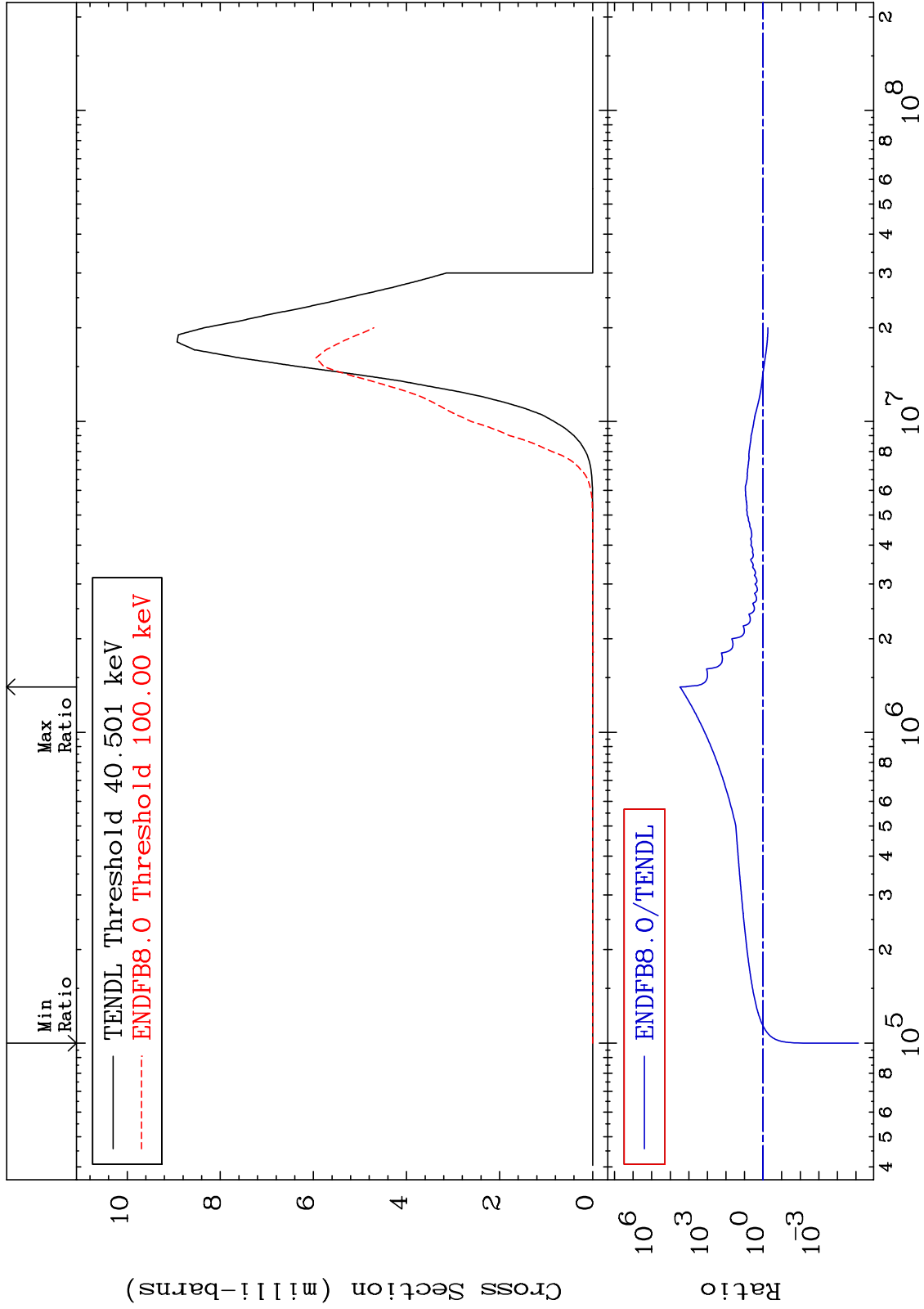
MAT 3437

(n, α)

³⁴Se-78

-100.0 To 9999. %

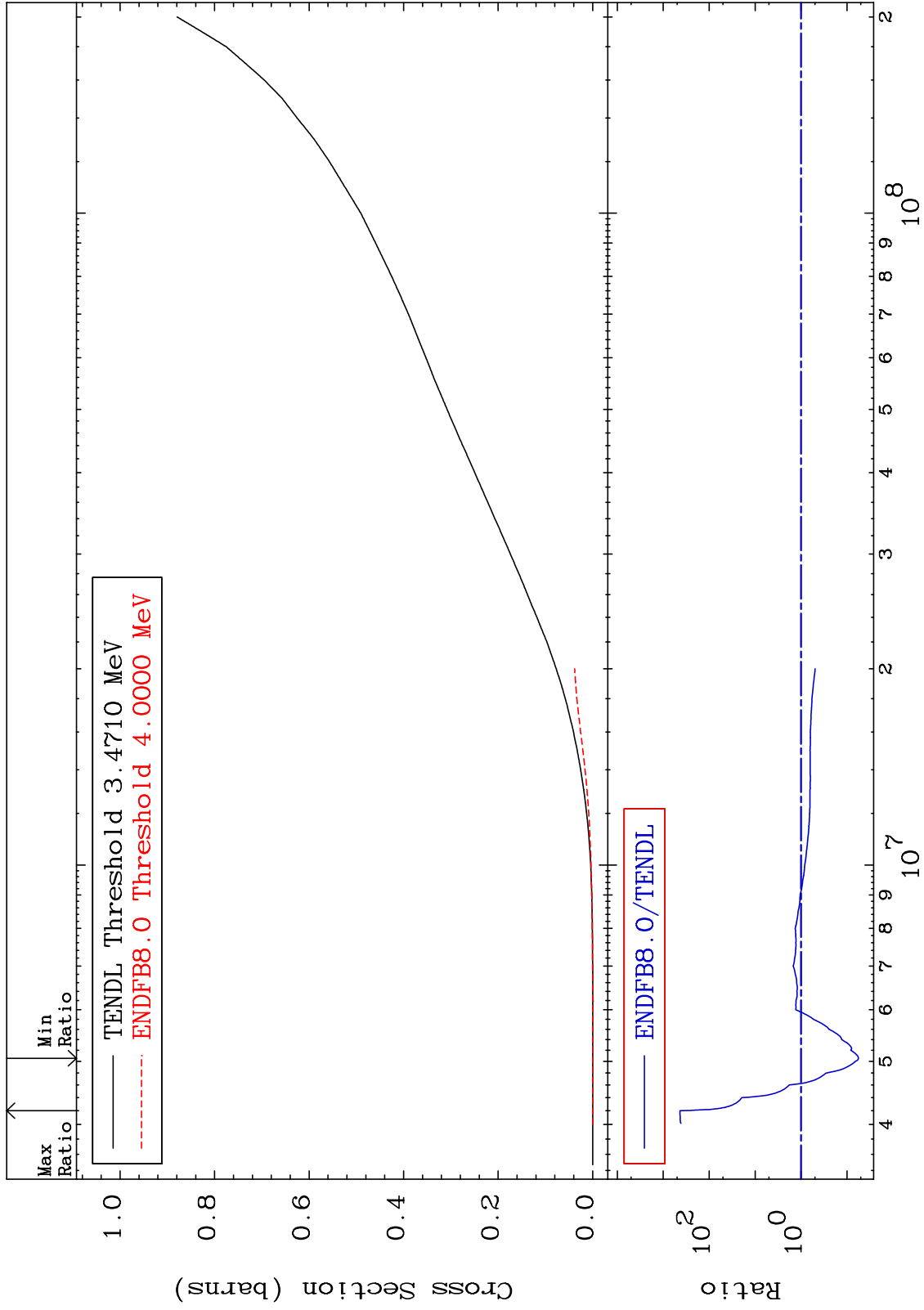
Cross Section



MAT 3437

Hydrogen Production
Cross Section

34-Se-78
-94.35 To 9999. %



34

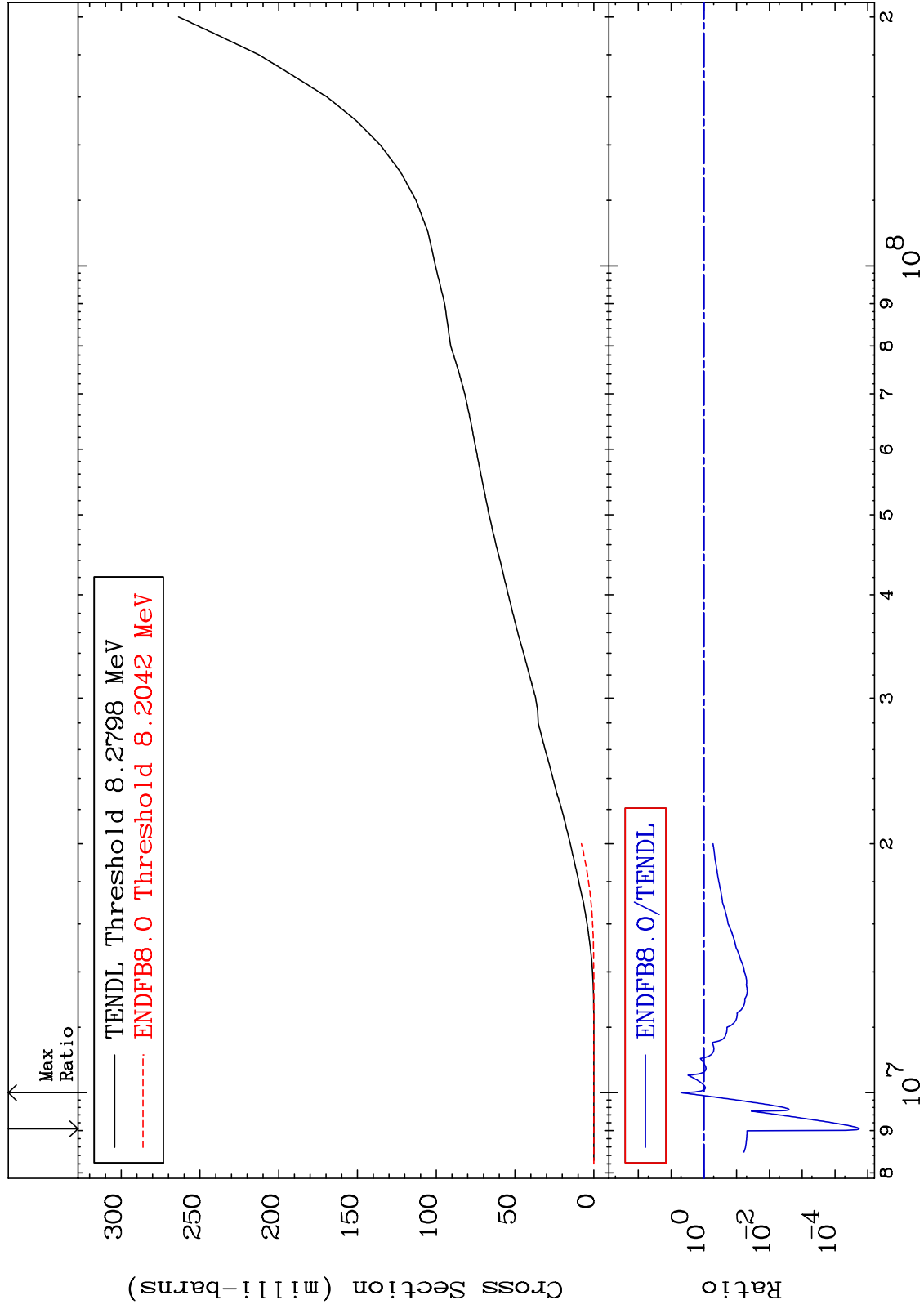
Incident Energy (eV)

34-Se-78

MAT 3437

Deuterium Production
Cross Section

³⁴Se-78
-100.0 To 396.9 %



35

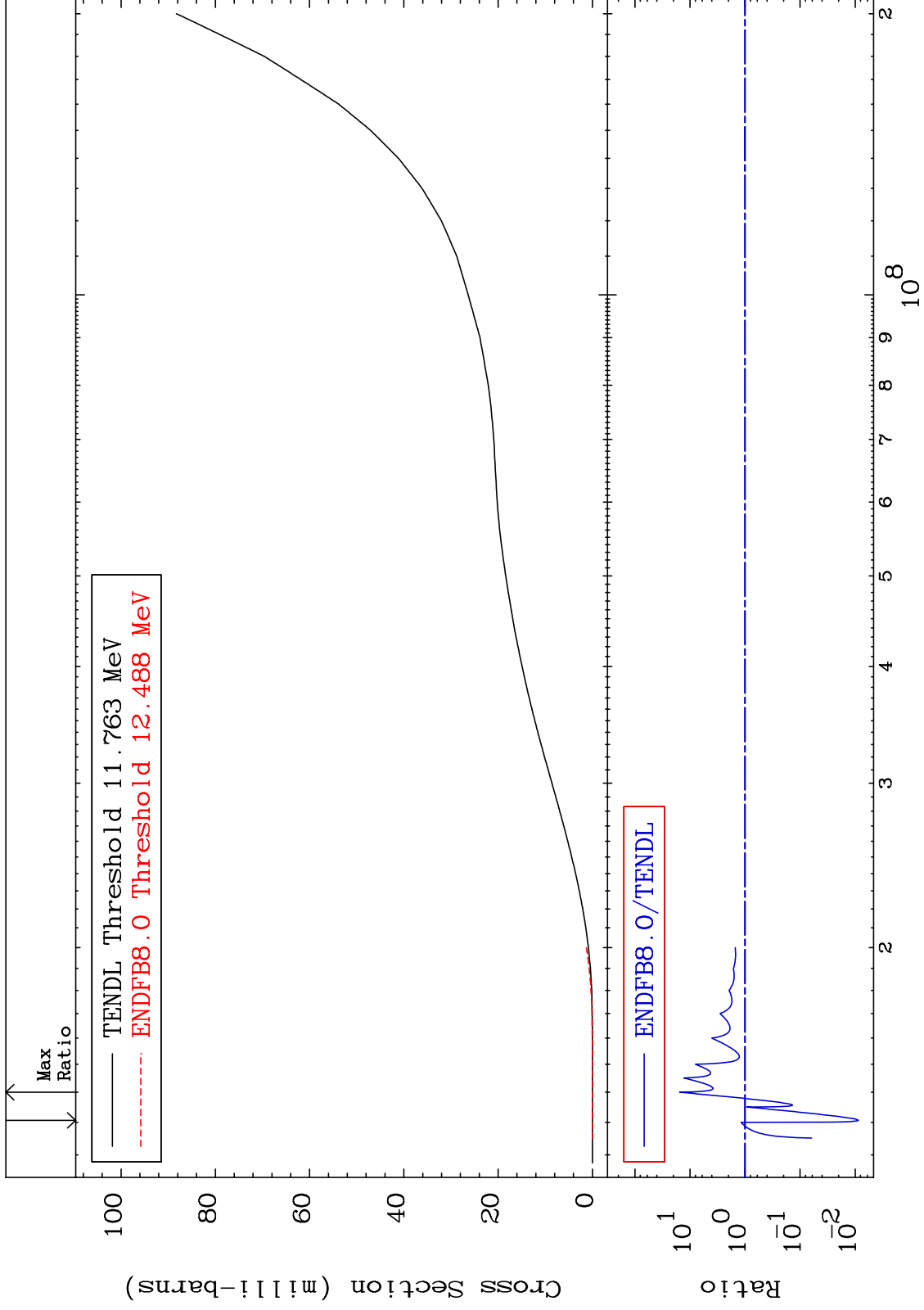
Incident Energy (eV)

³⁴Se-78

MAT 3437

Tritium Production
Cross Section

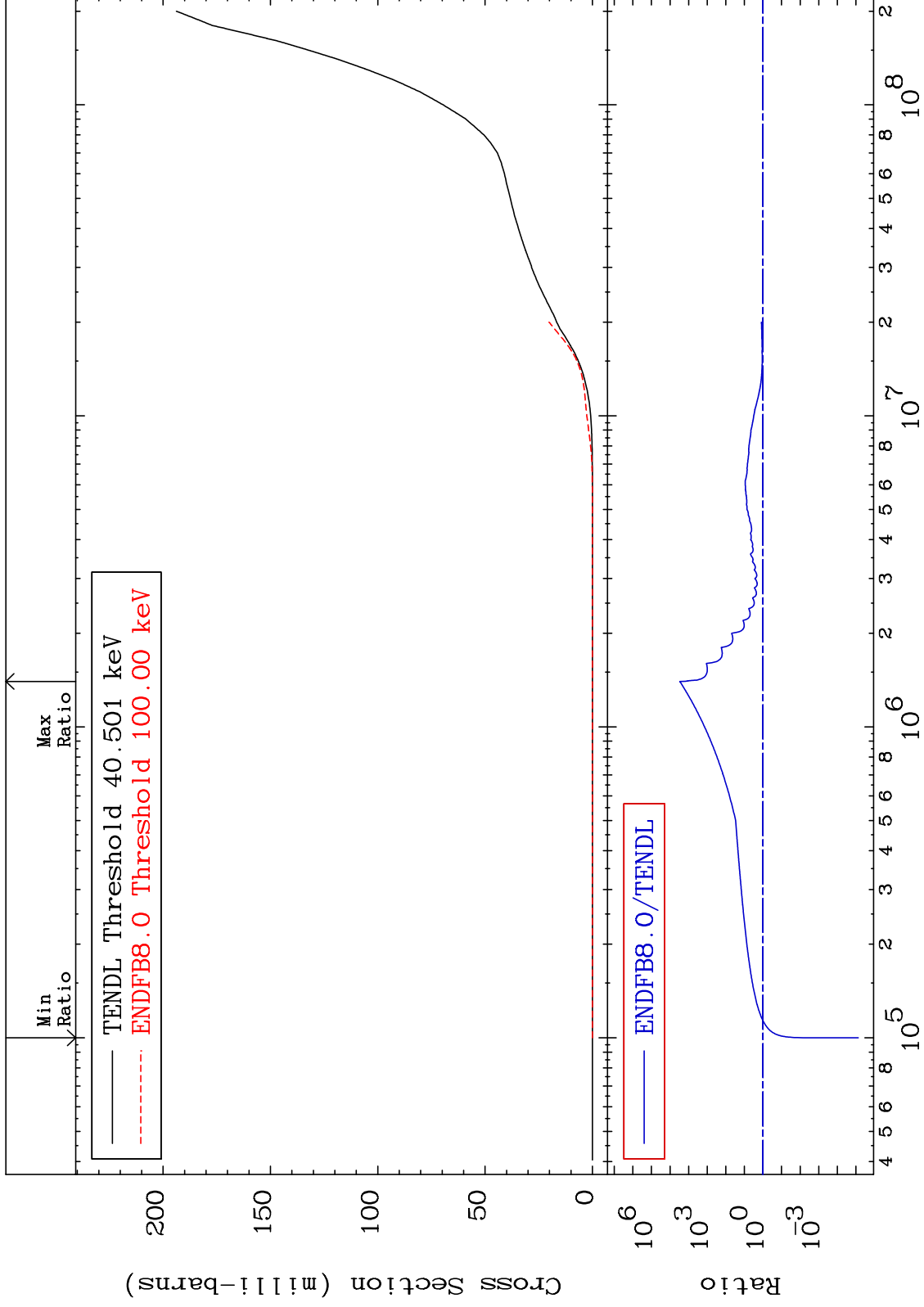
³⁴Se-78
-99.12 To 1433. %



MAT 3437

He-4 Production
Cross Section

34-Se-78
-100.0 To 9999. %



37

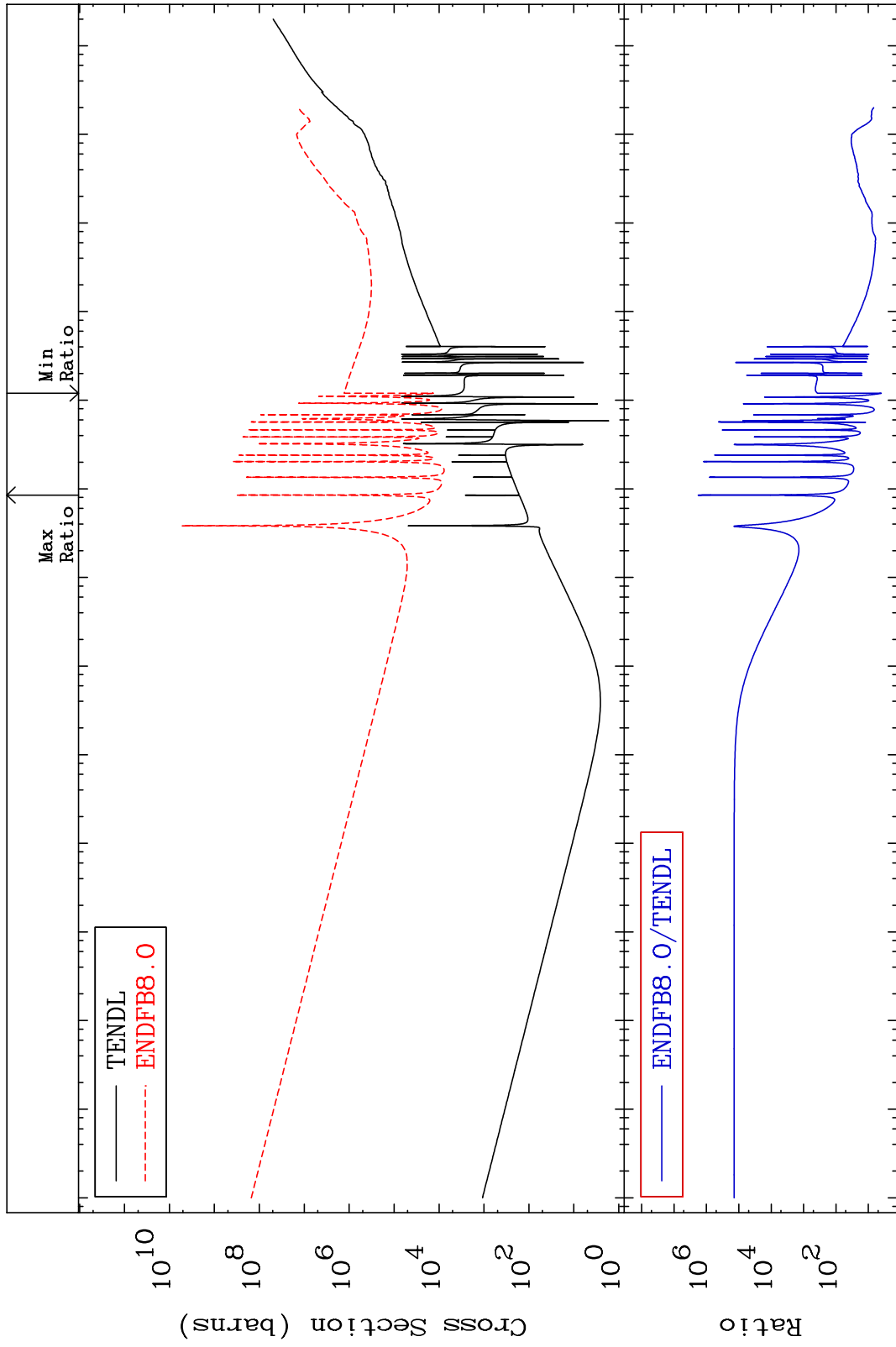
Incident Energy (eV)

34-Se-78

MAT 3437

Kerma total (eV-barns)
Cross Section

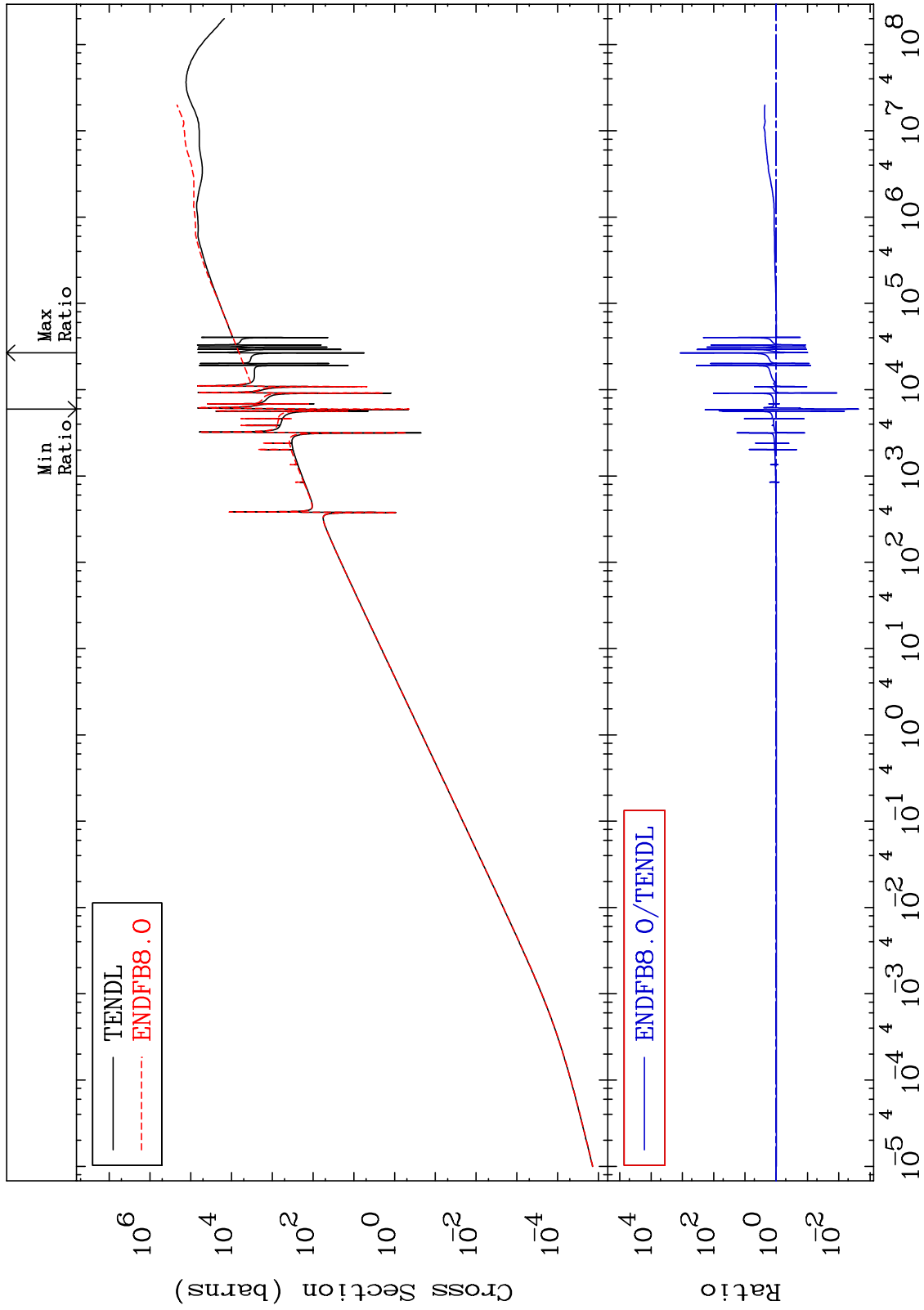
34-Se-78
292.3 To 9999. %



MAT 3437

Kerma elastic
Cross Section

34-Se-78
-99.76 To 9999. %



39

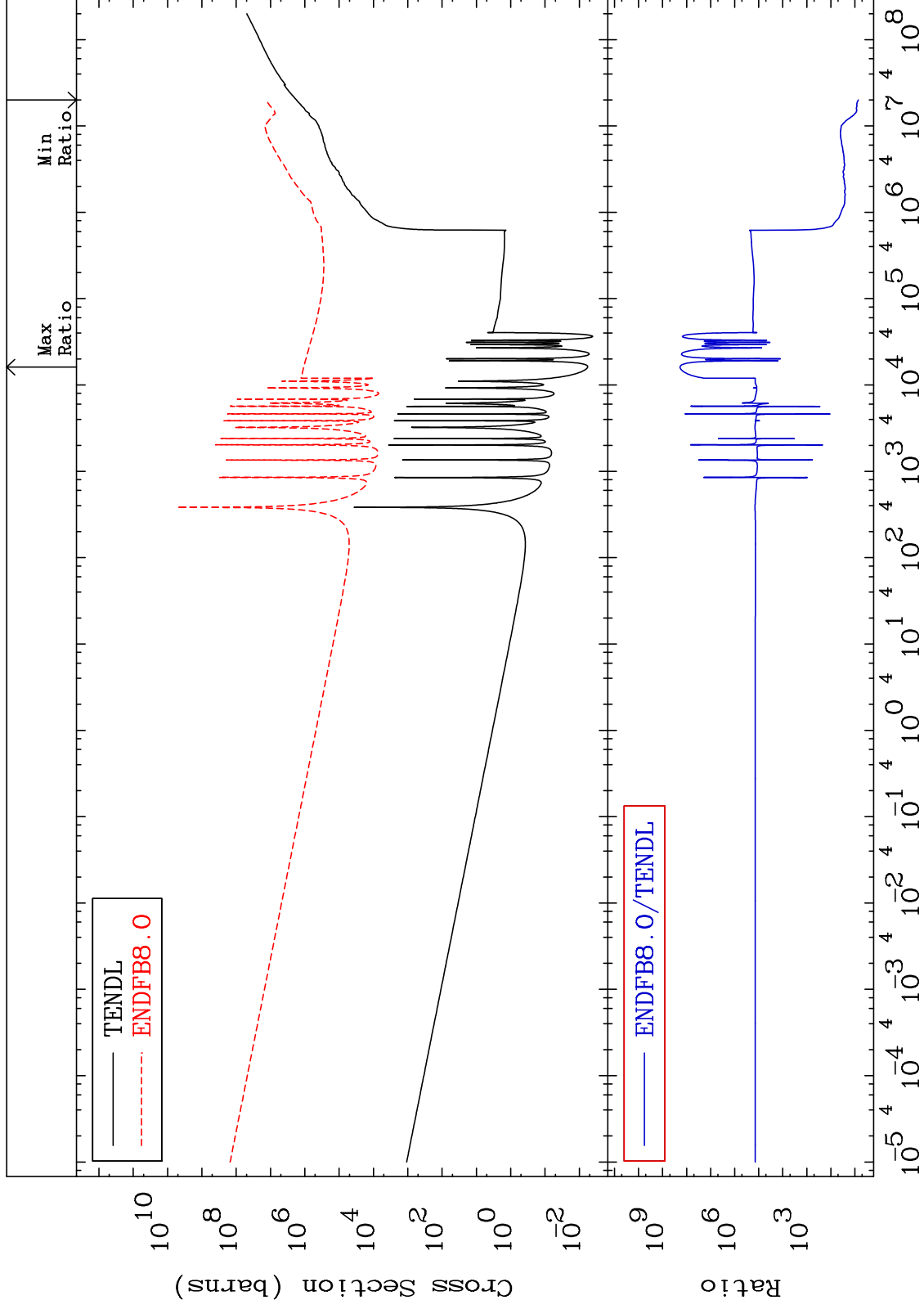
Incident Energy (eV)

34-Se-78

MAT 3437

Kerma non-elastic (all but mt2)
Cross Section

34-Se-78
611.5 To 9999. %



40

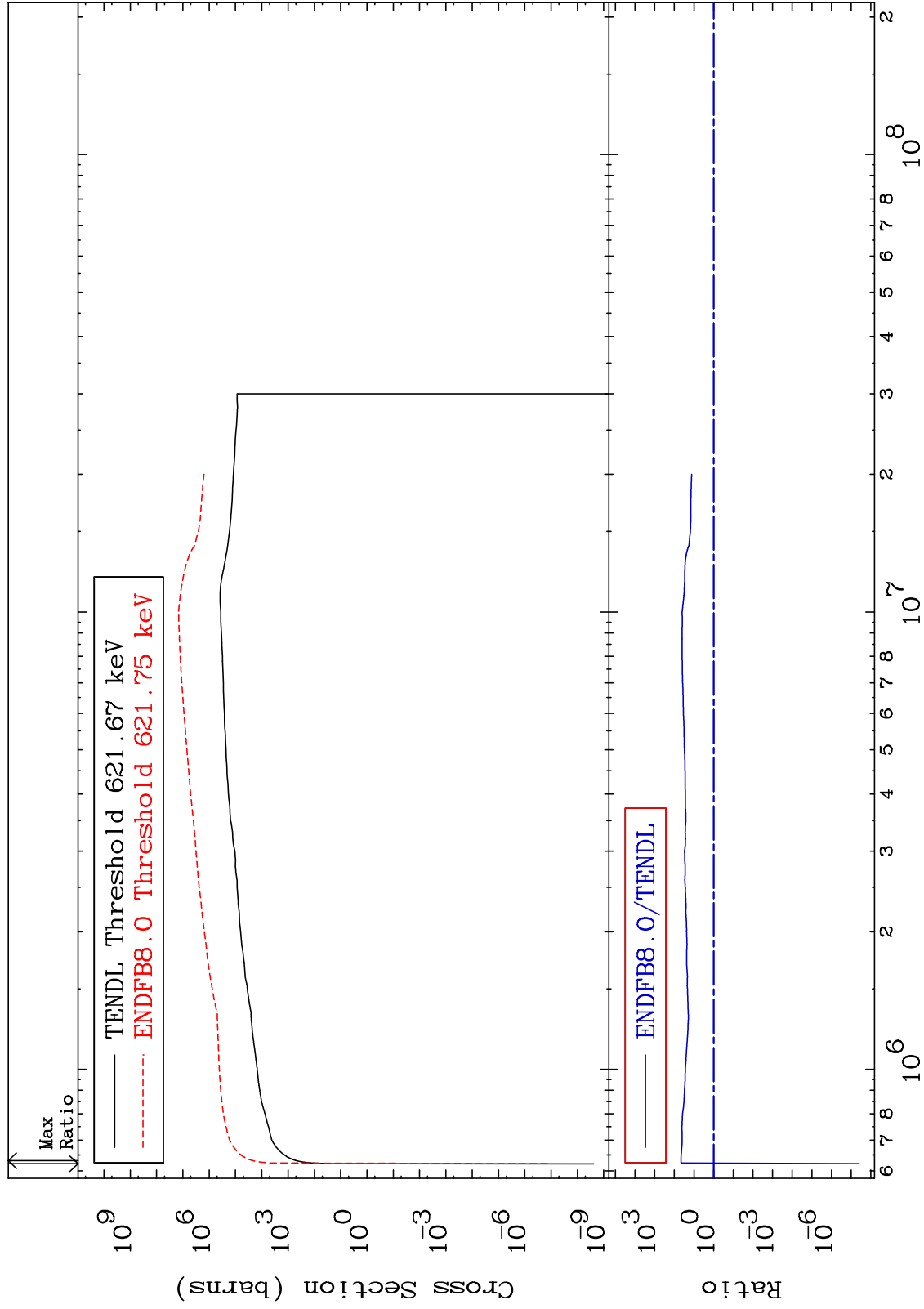
Incident Energy (eV)

34-Se-78

MAT 3437

Kerma inelastic (mt51-91)
Cross Section

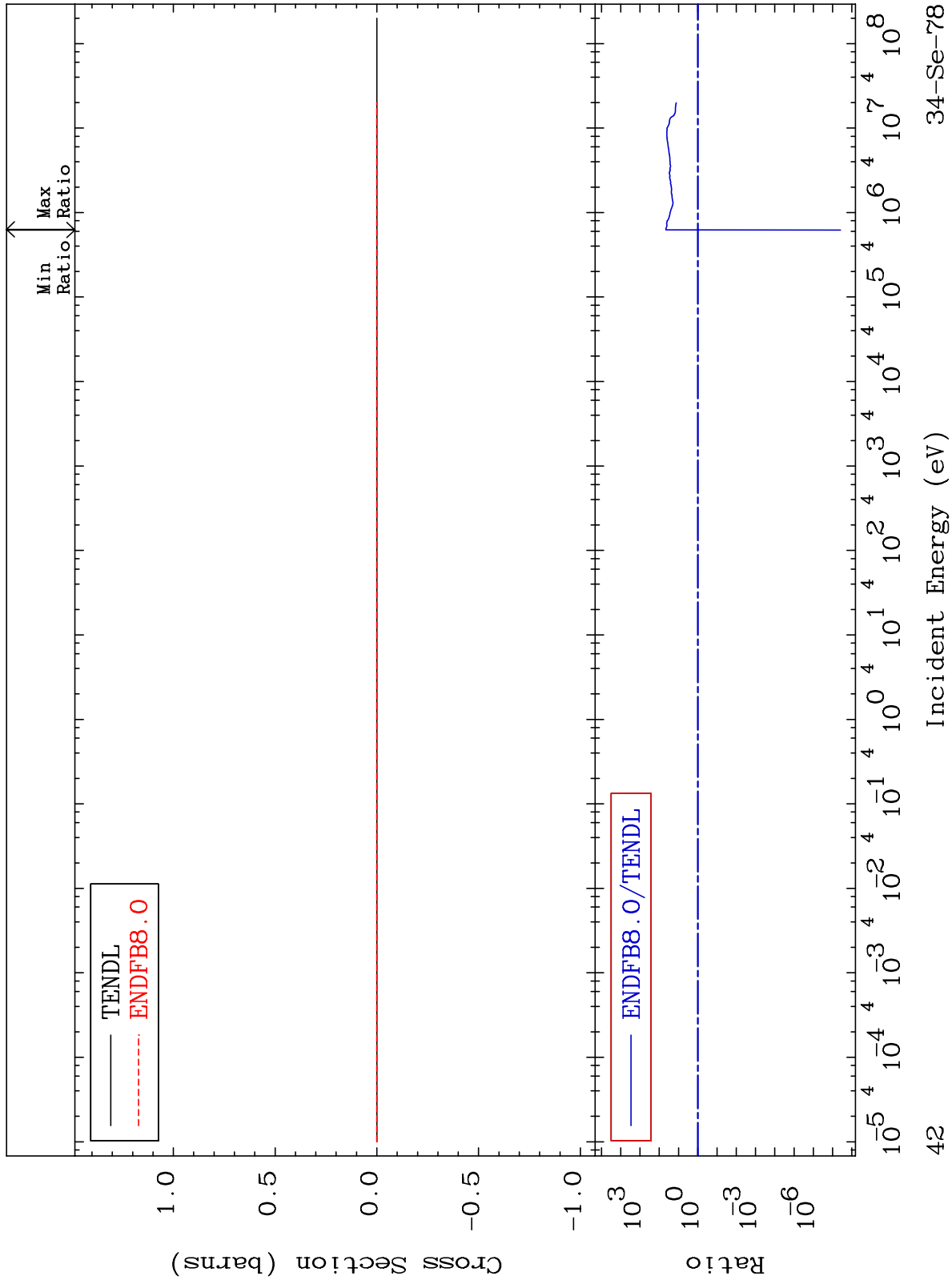
34-Se-78
-100.0 To 4447. %



MAT 3437

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

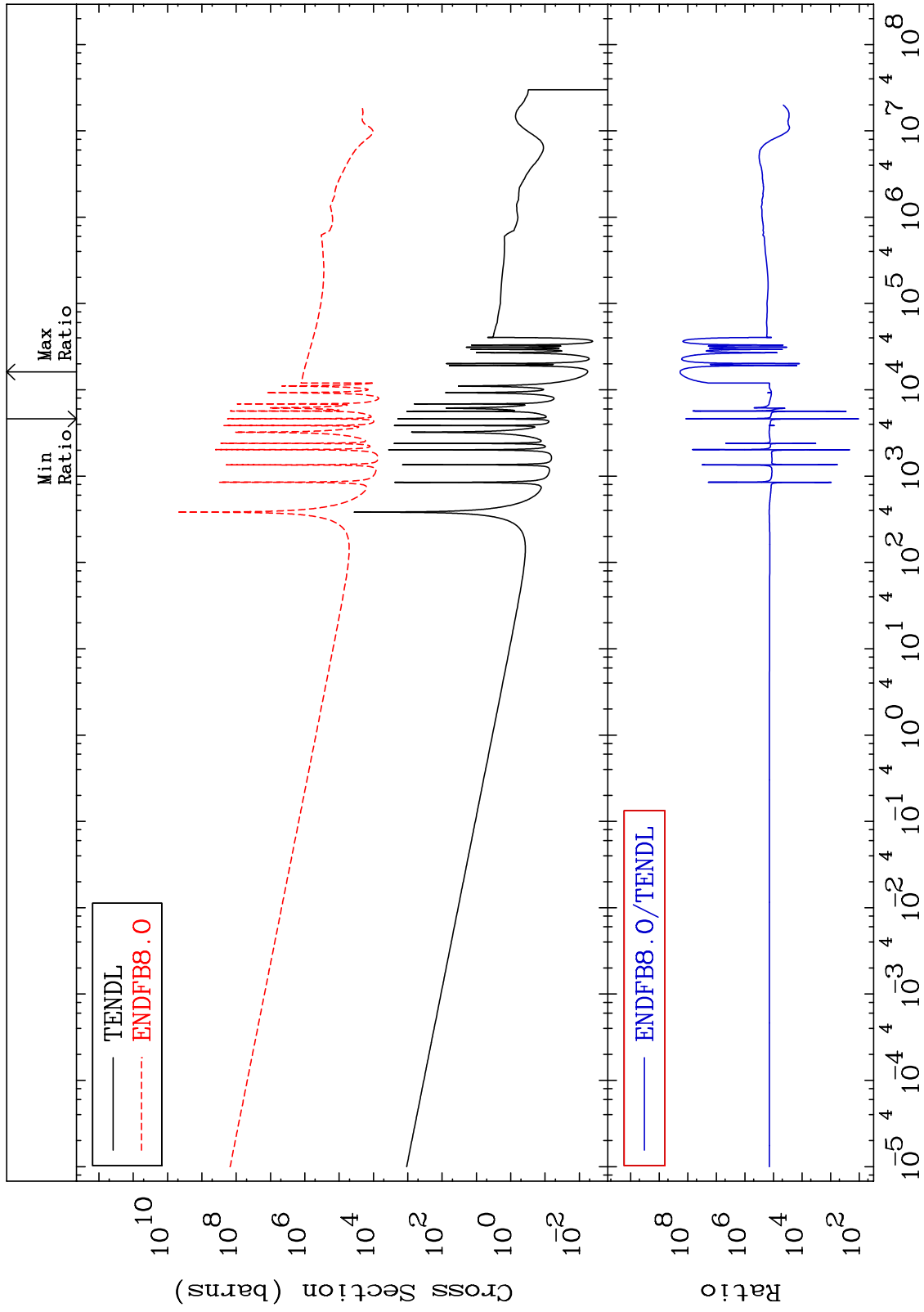
34-Se-78
-100.0 To 4447. %



MAT 3437

Kerma capture (mt102)
Cross Section

34-Se-78
9999. To 9999. %



43

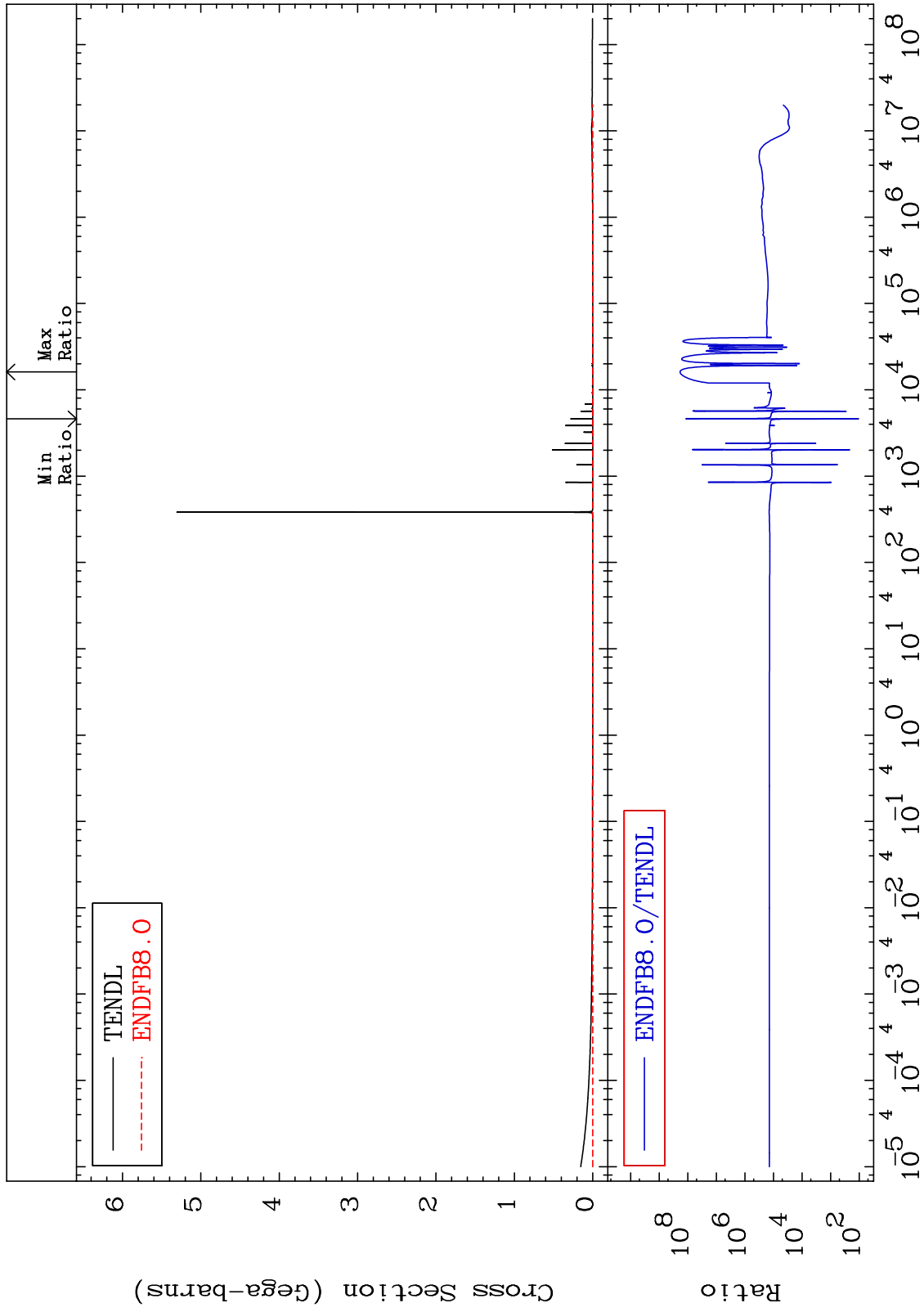
Incident Energy (eV)

34-Se-78

MAT 3437

Total photon (eV-barns)
Cross Section

34-Se-78
9999. To 9999. %



44

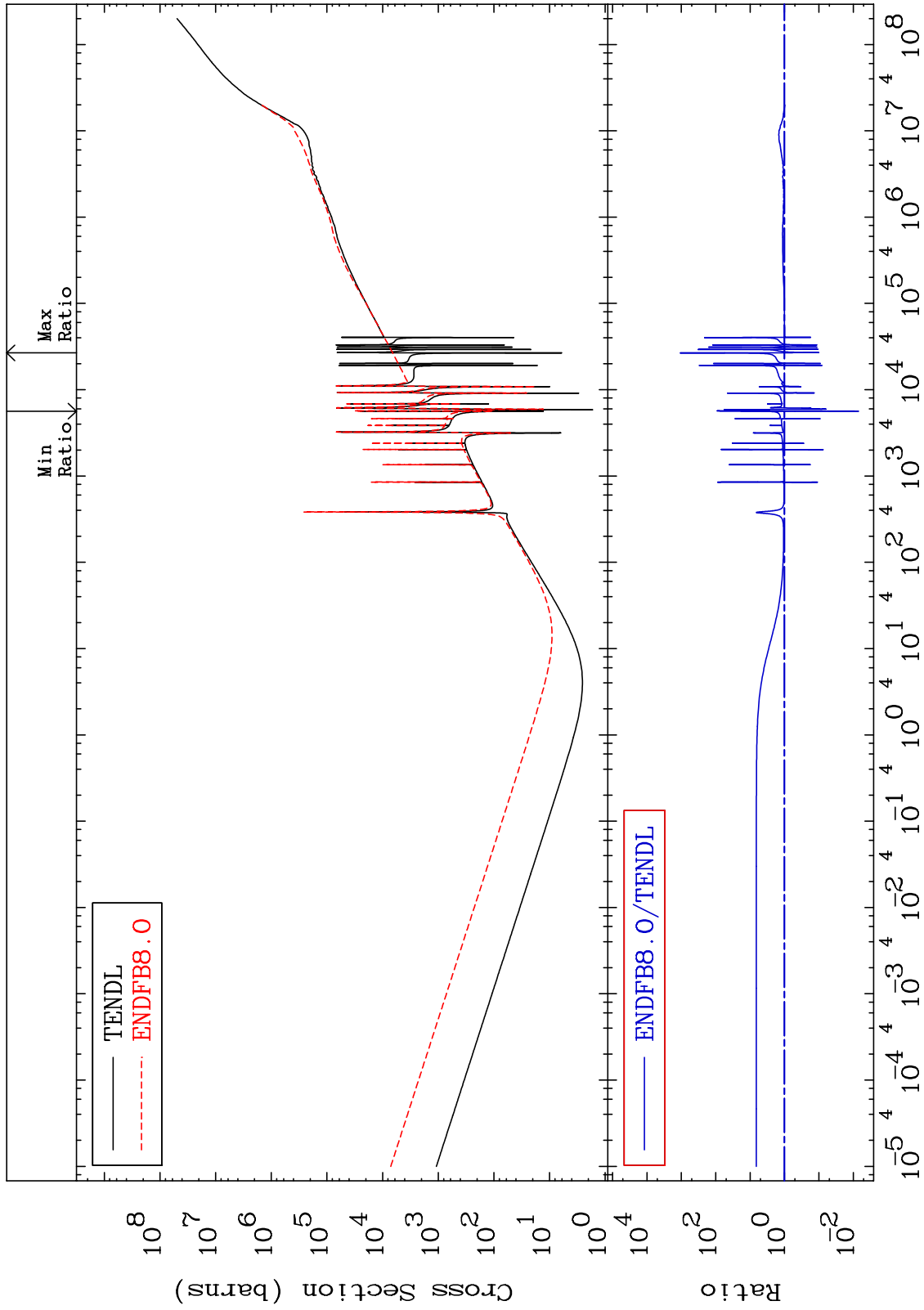
Incident Energy (eV)

34-Se-78

MAT 3437

Total kinematic kerma (high limit)
Cross Section

34-Se-78
-99.29 To 9999. %



45

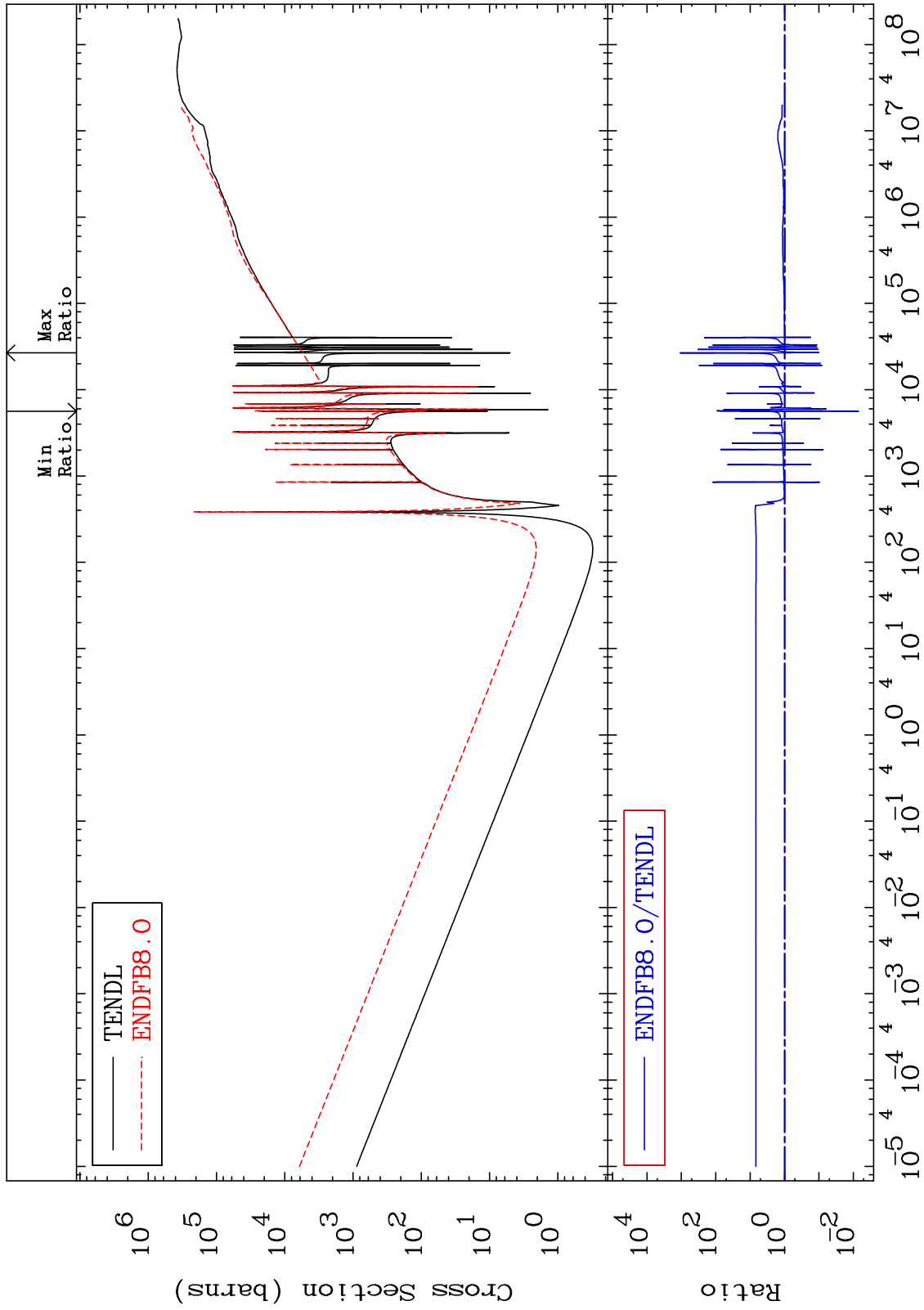
Incident Energy (eV)

34-Se-78

MAT 3437

Dpa total (eV-barns)
Cross Section

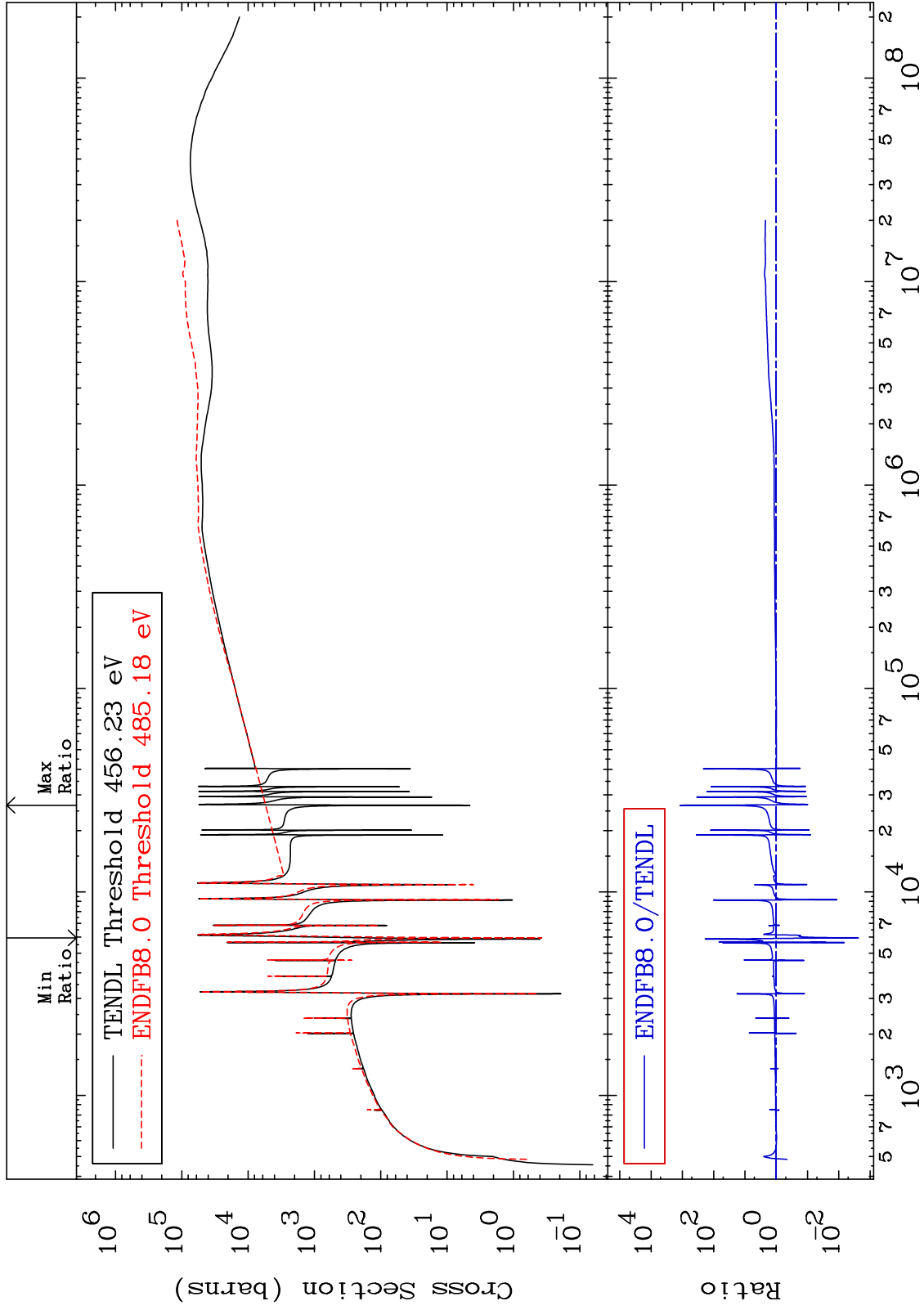
34-Se-78
-99.29 To 9999. %



MAT 3437

Dpa elastic (mt2)
Cross Section

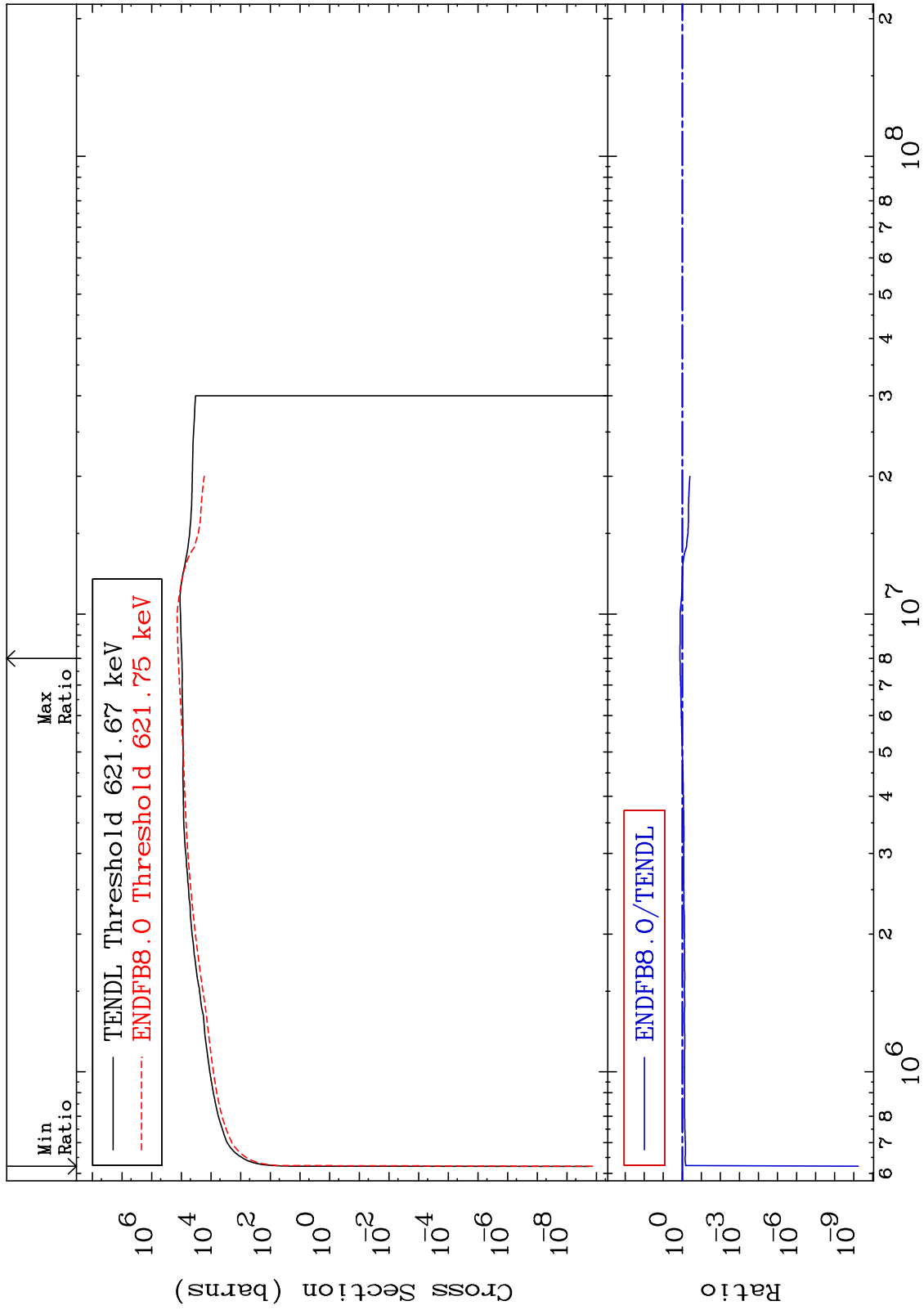
34-Se-78
-99.76 To 9999. %



MAT 3437

Dpa inelastic (mt51-91)
Cross Section

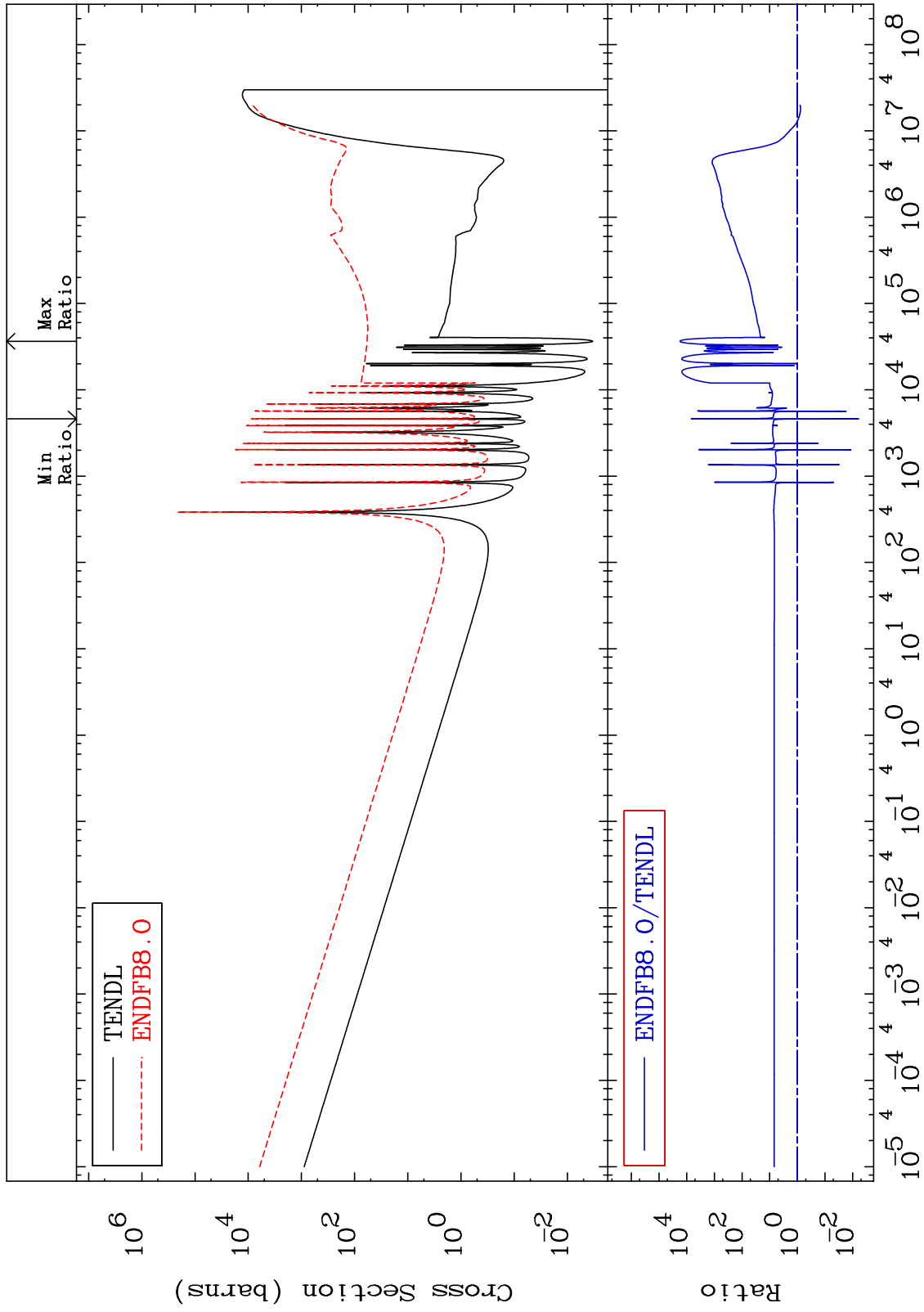
34-Se-78
-100.0 To 31.53 %



MAT 3437

Dpa disappearance (mt102 -120)
Cross Section

34-Se-78
-99.38 To 9999. %



49

Incident Energy (eV)

34-Se-78