

Program Complot
(Version 2018-1)

by

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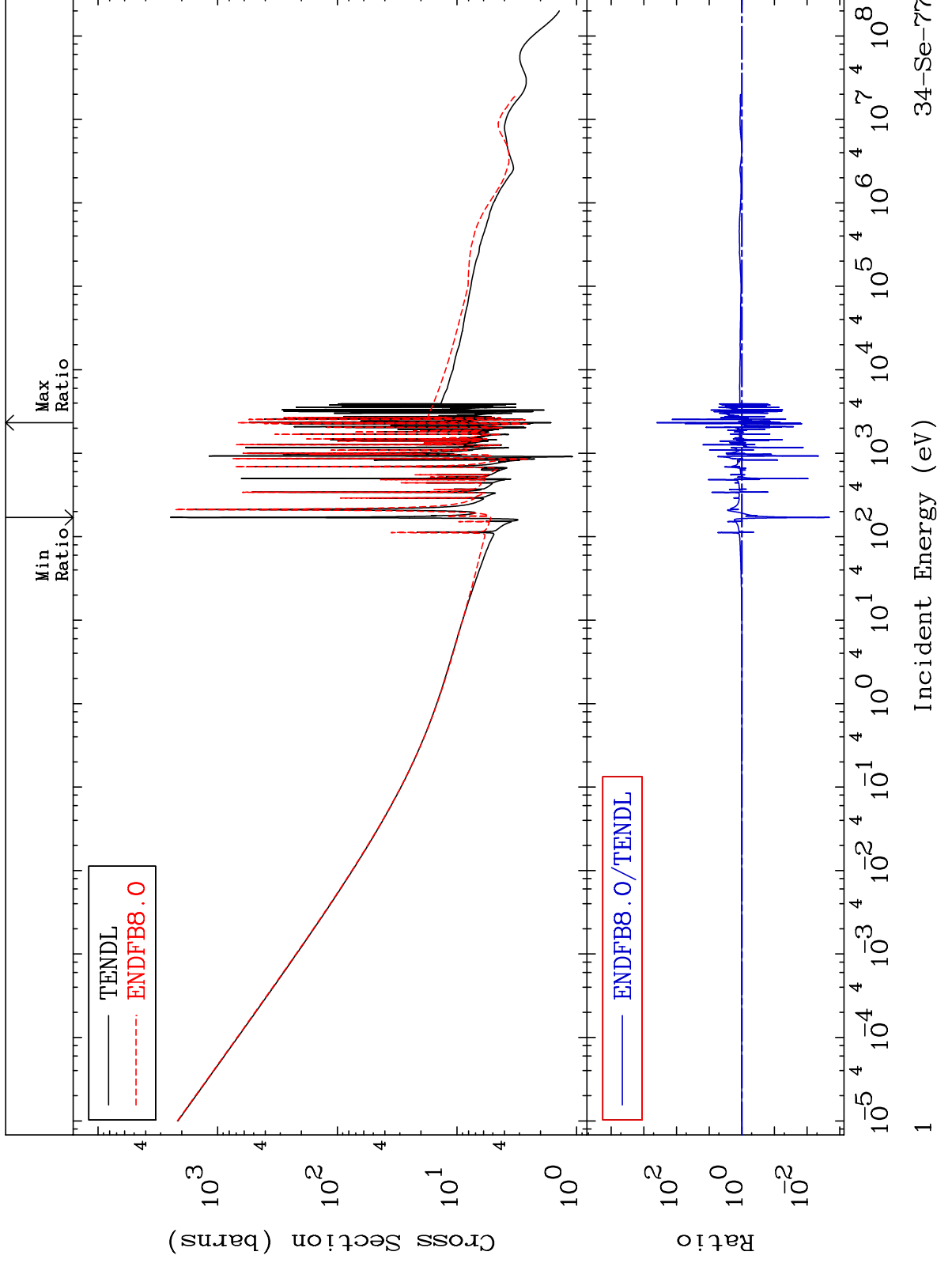
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3434

Total
Cross Section

34-Se-77
-99.79 To 9999. %



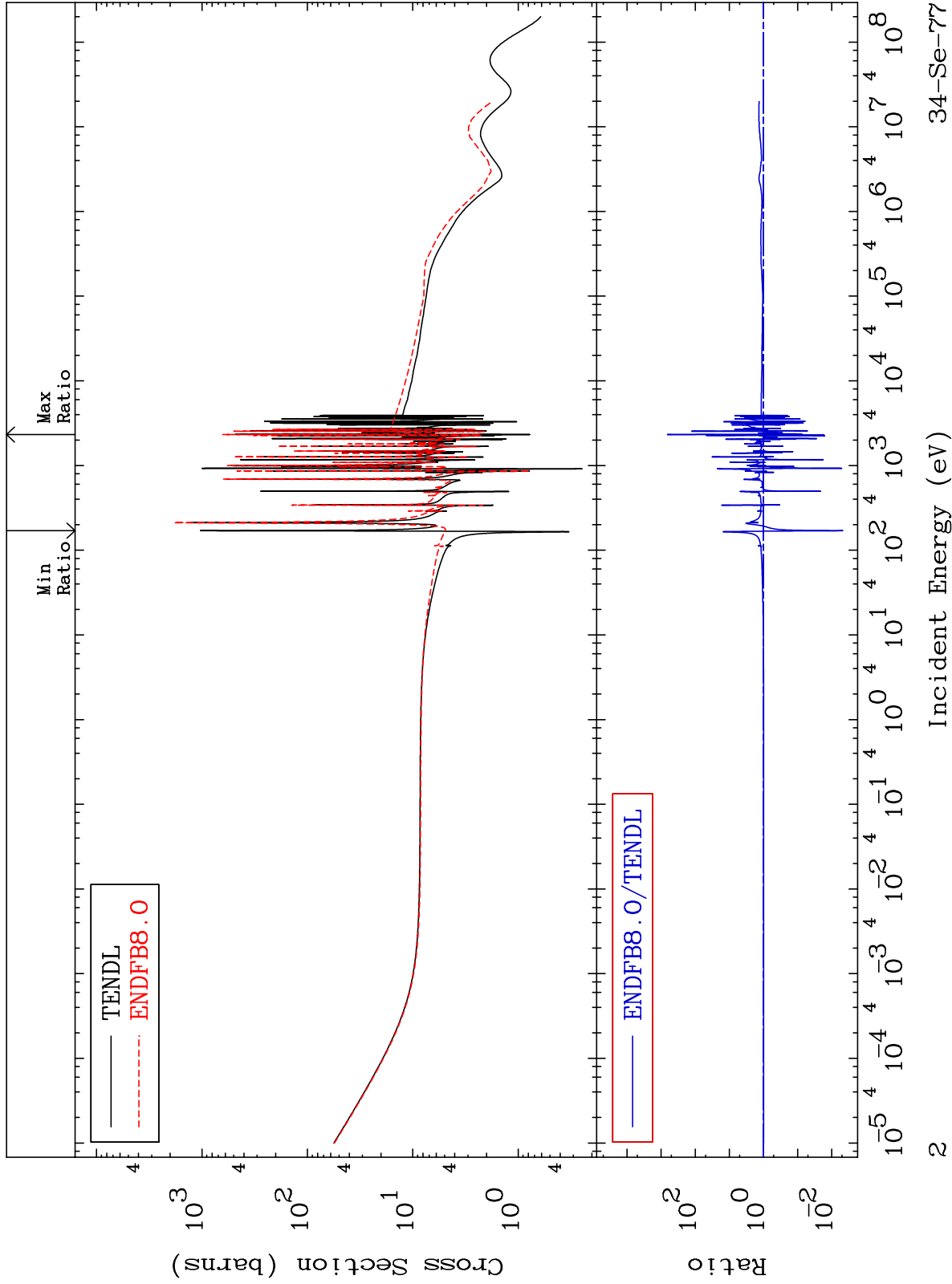
MAT 3434

Elastic

Cross Section

³⁴Se-77

-99.52 To 9999. %

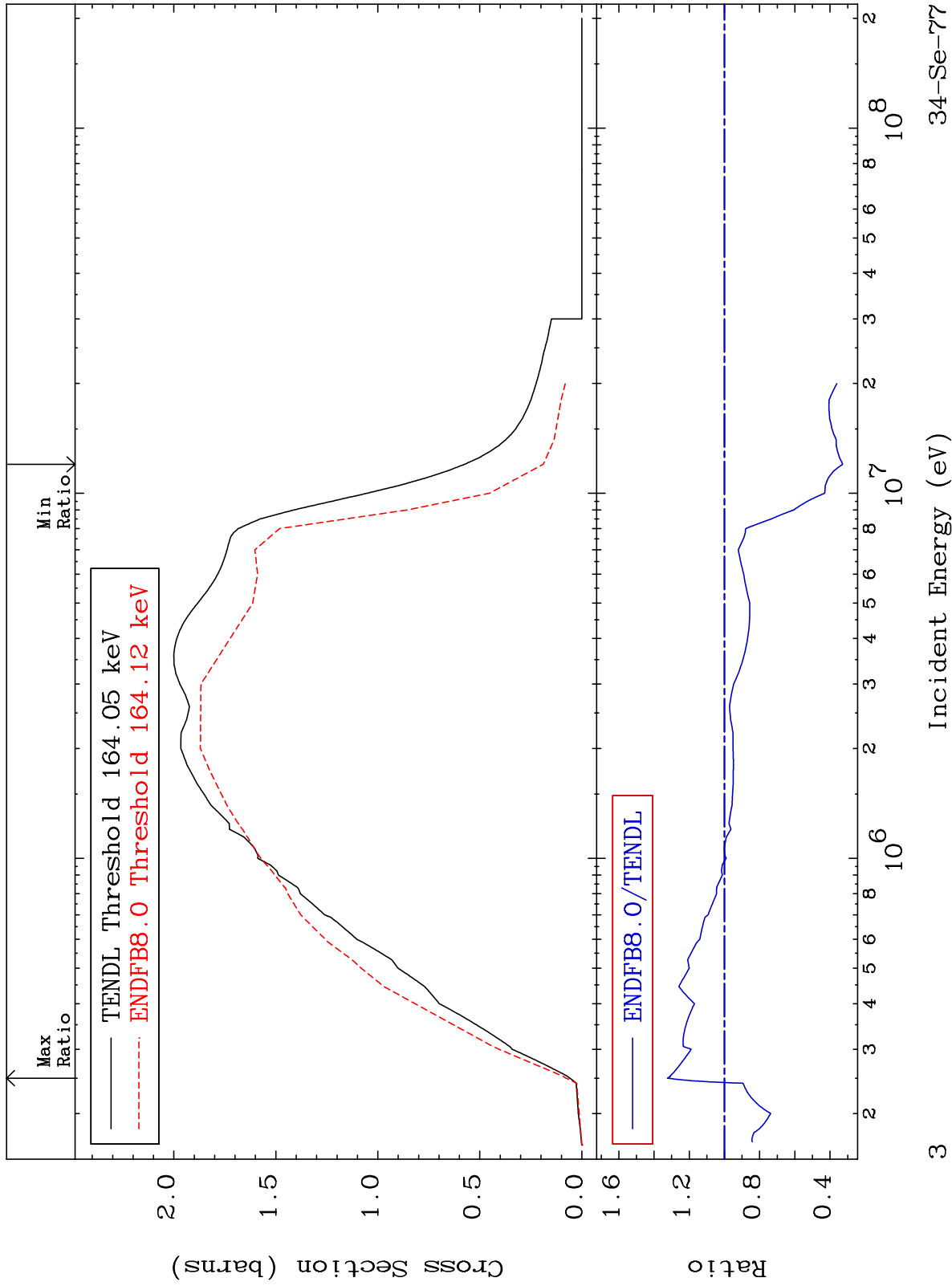


³⁴Se-77

Incident Energy (eV)

2

MAT 3434 Inelastic Cross Section 34-Se-77 -67.17 To 32.33 %



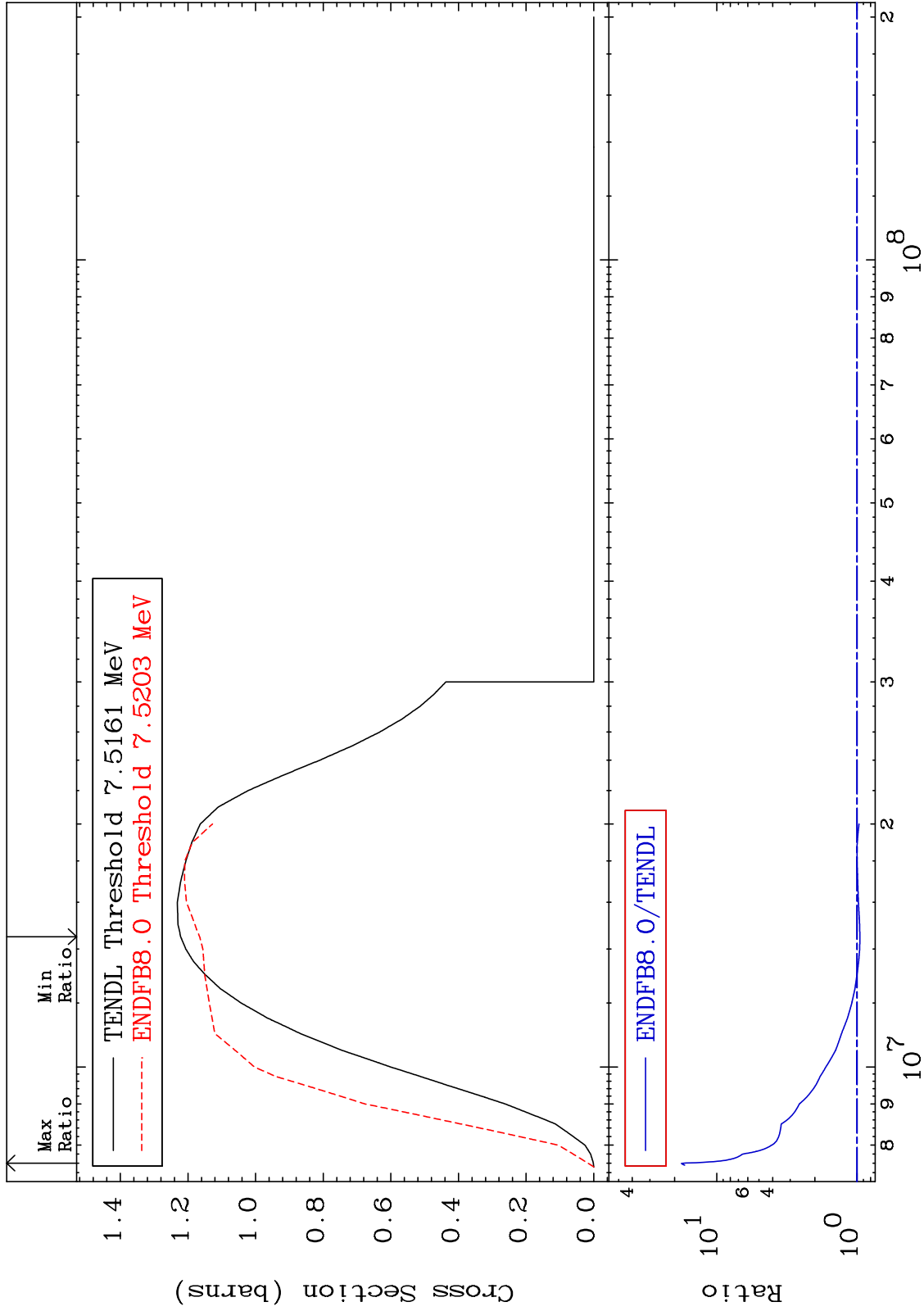
MAT 3434

(n,2n)

34-Se-77

Cross Section

-4.592 To 1692. %



34-Se-77

Incident Energy (eV)

4

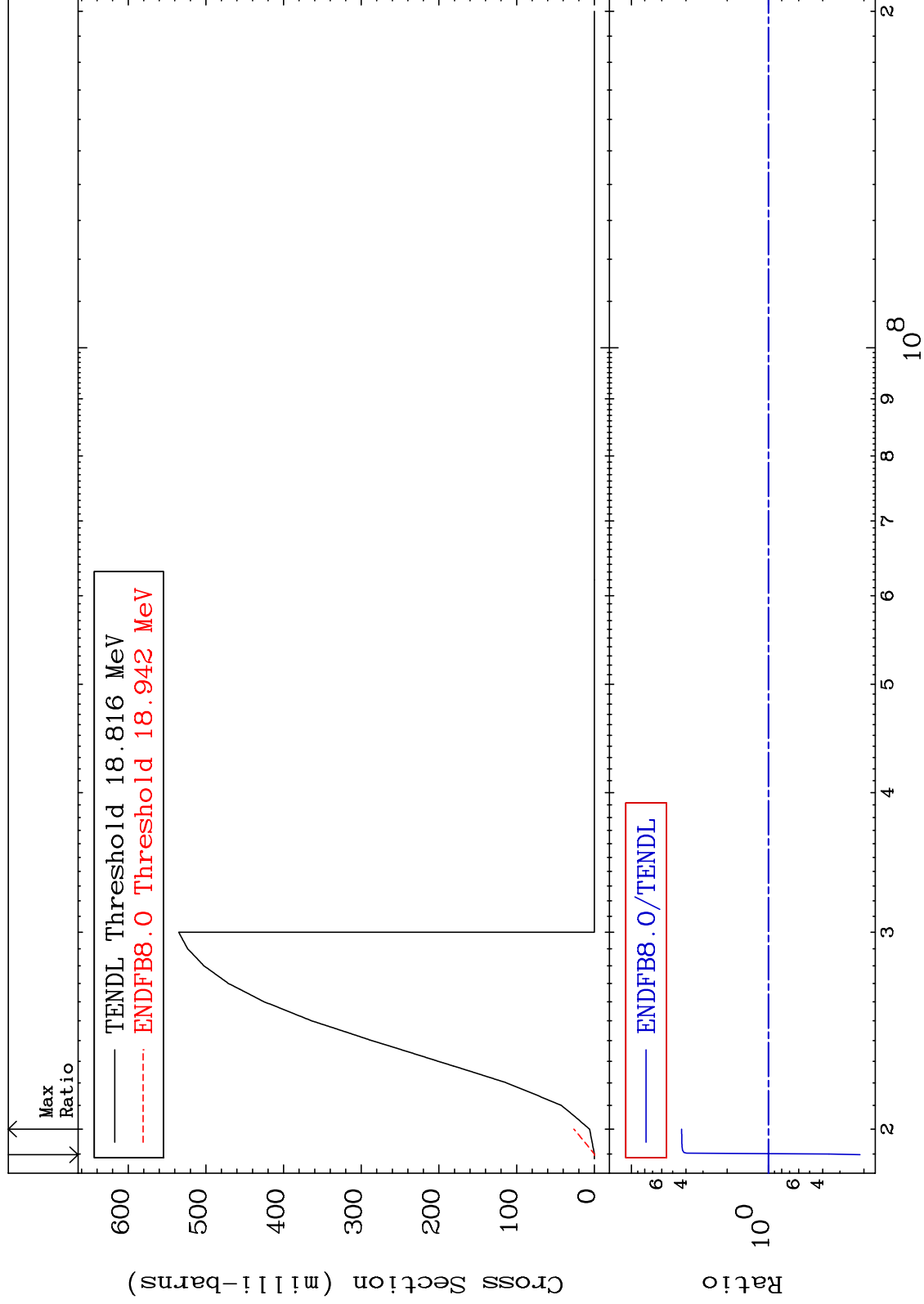
MAT 3434

(n,3n)

³⁴Se-77

Cross Section

-78.62 To 329.9 %



5

Incident Energy (eV)

³⁴Se-77

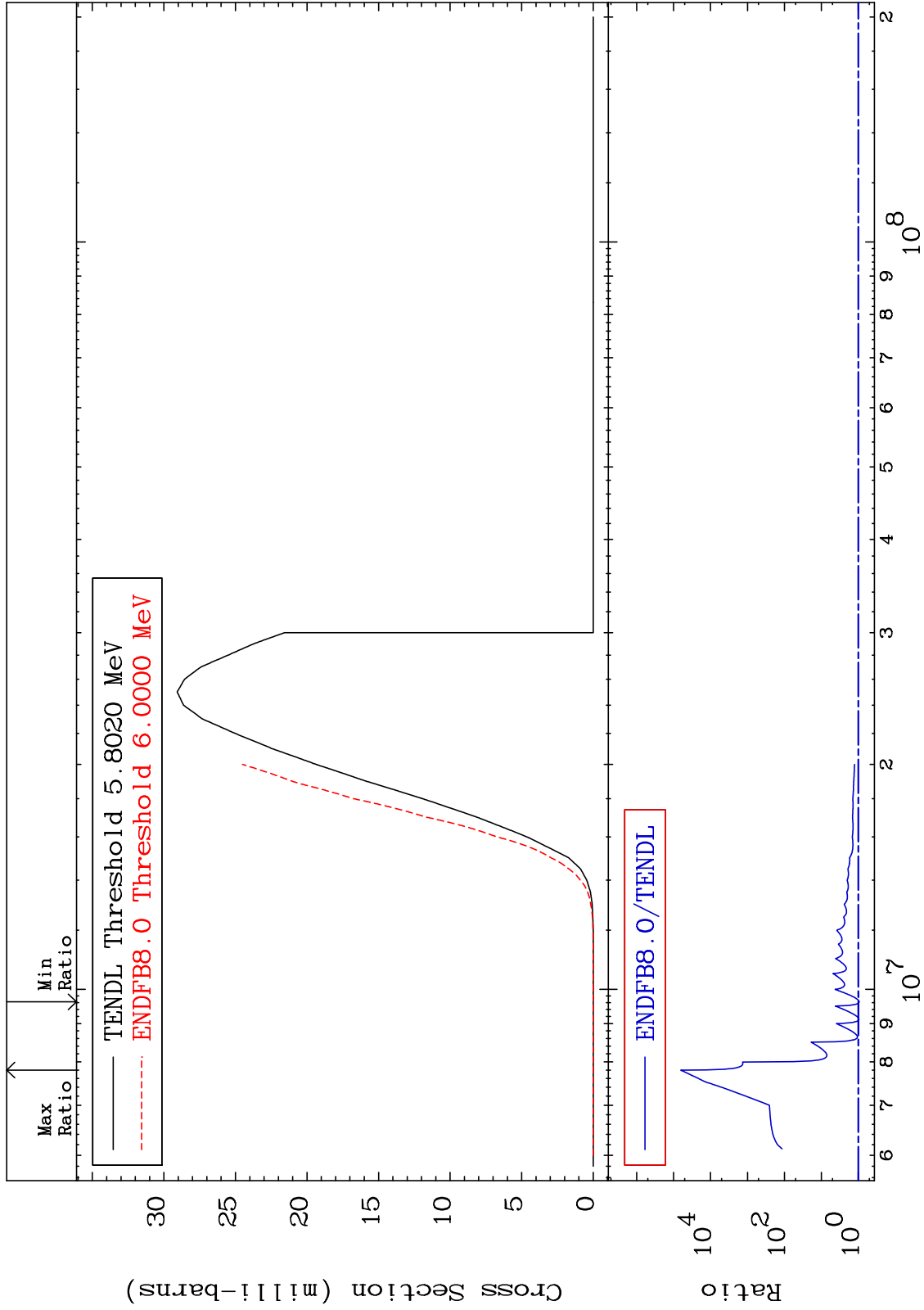
MAT 3434

(n,n') α

34-Se-77

Cross Section

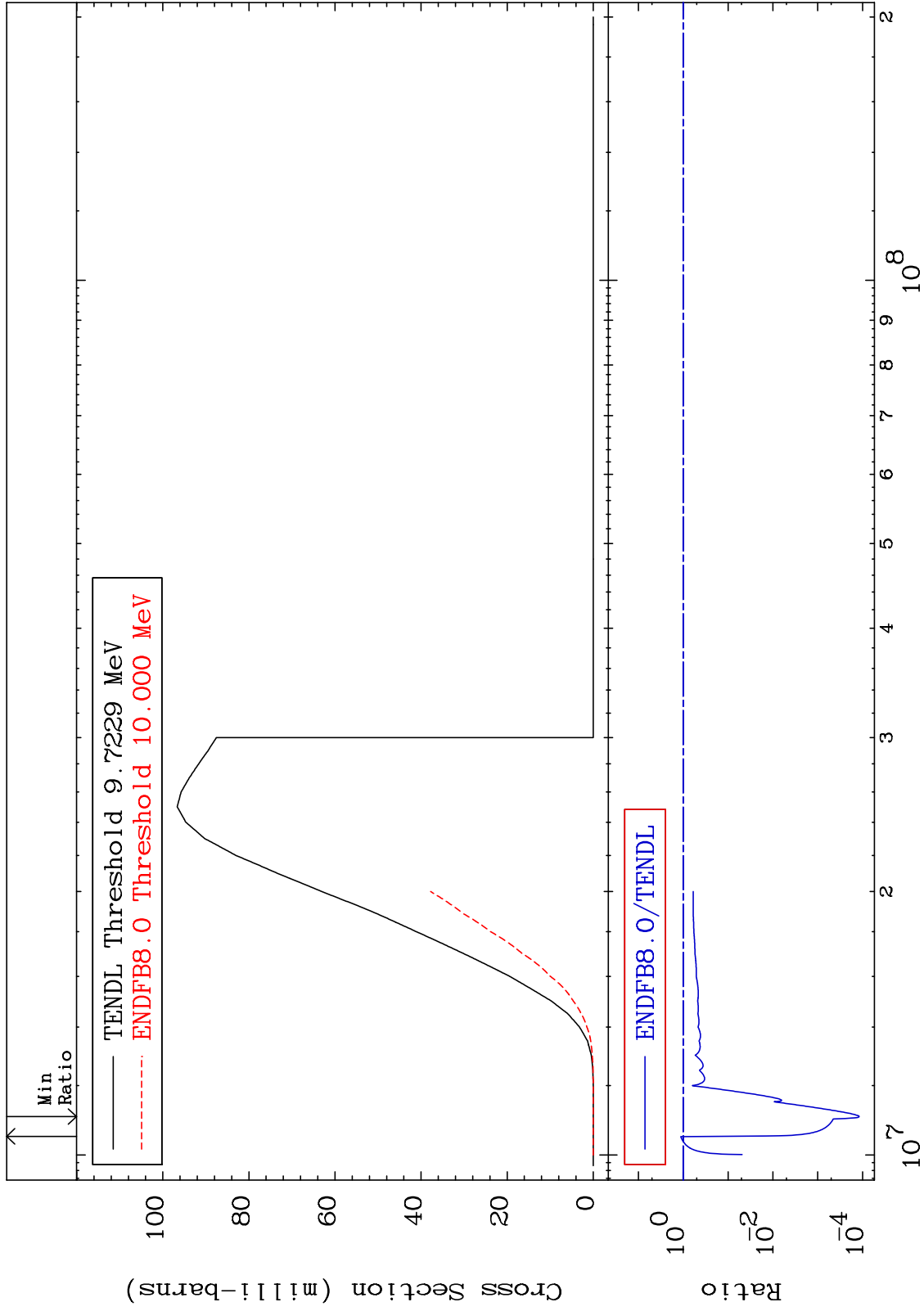
-5.415 To 9999. %



MAT 3434

(n,n') p
Cross Section

34-Se-77
-99.99 To 14.22 %



Incident Energy (eV)

34-Se-77

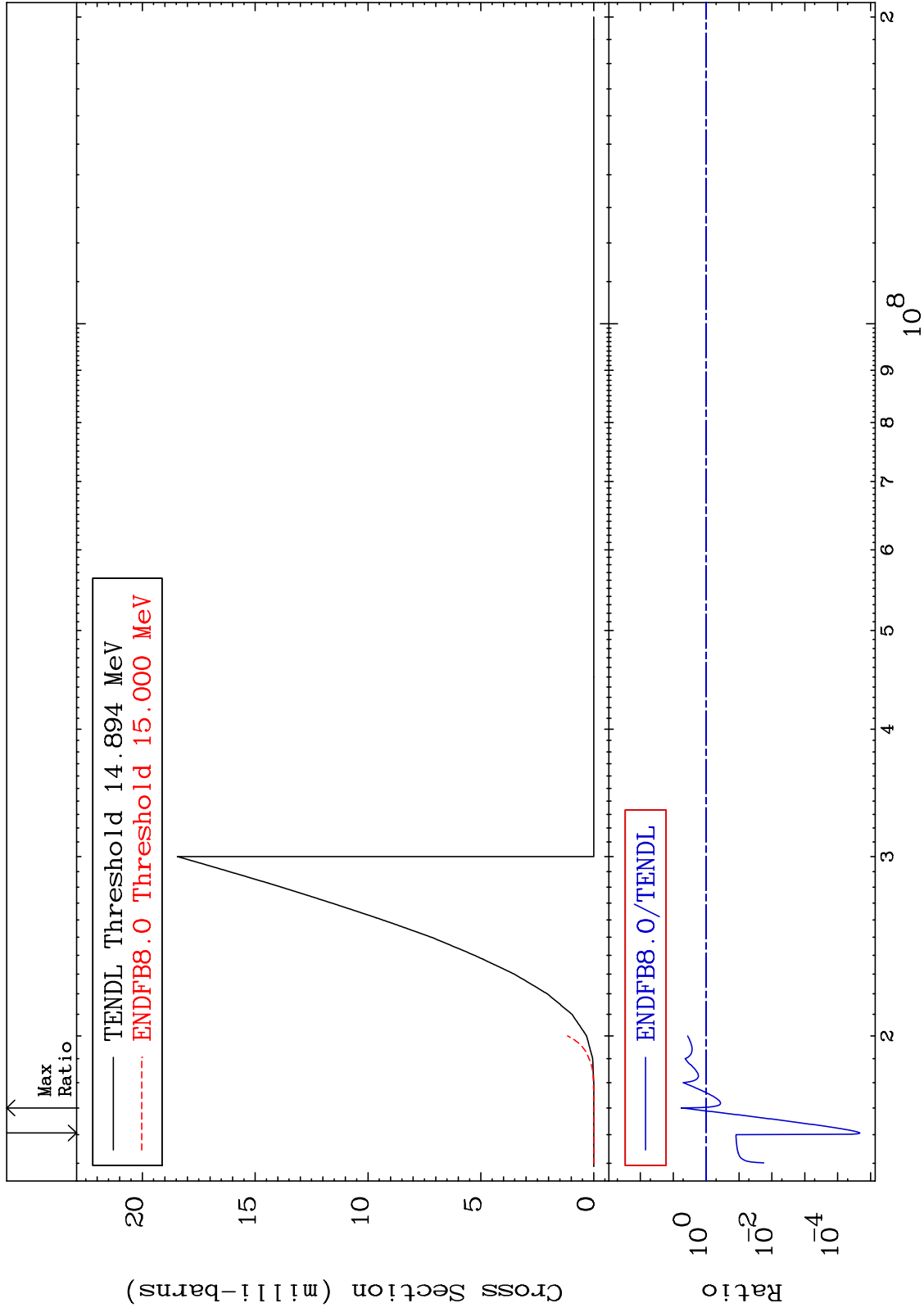
MAT 3434

(n, n') d

³⁴Se-77

Cross Section

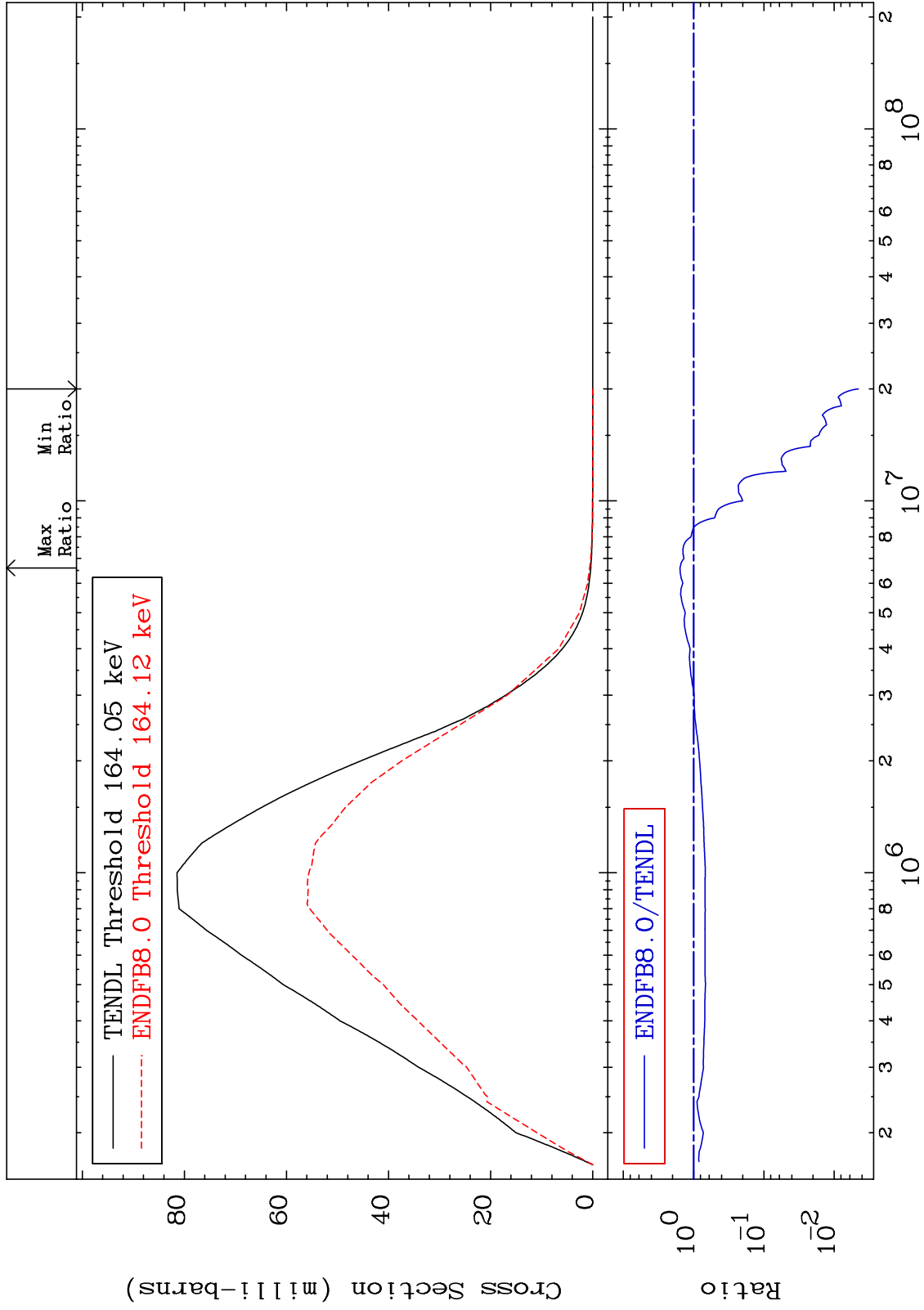
-100.0 To 472.5 %



MAT 3434

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

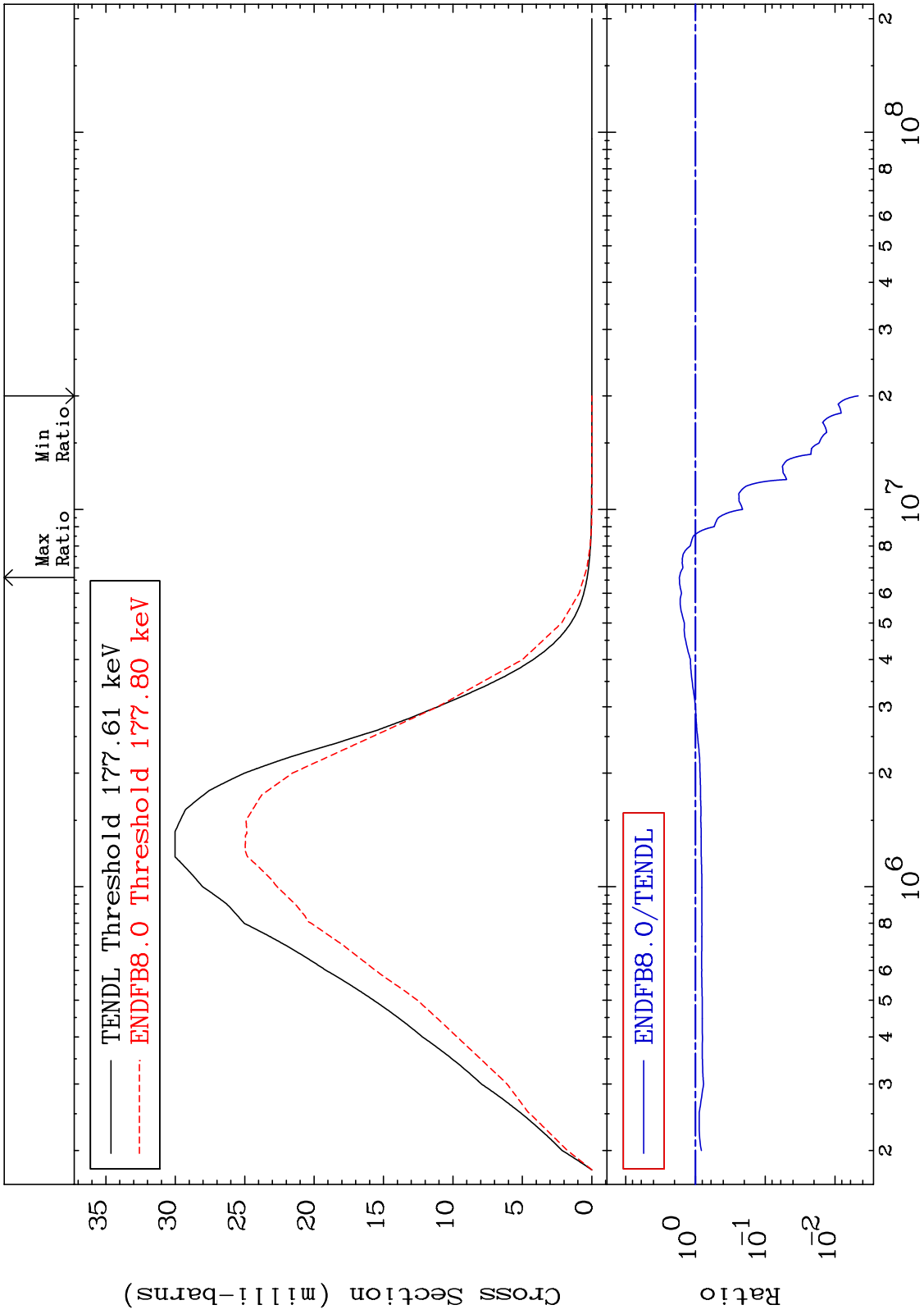
34-Se-77
-99.55 To 55.98 %



MAT 3434

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

34-Se-77
-99.53 To 70.23 %



10

Incident Energy (eV)

34-Se-77

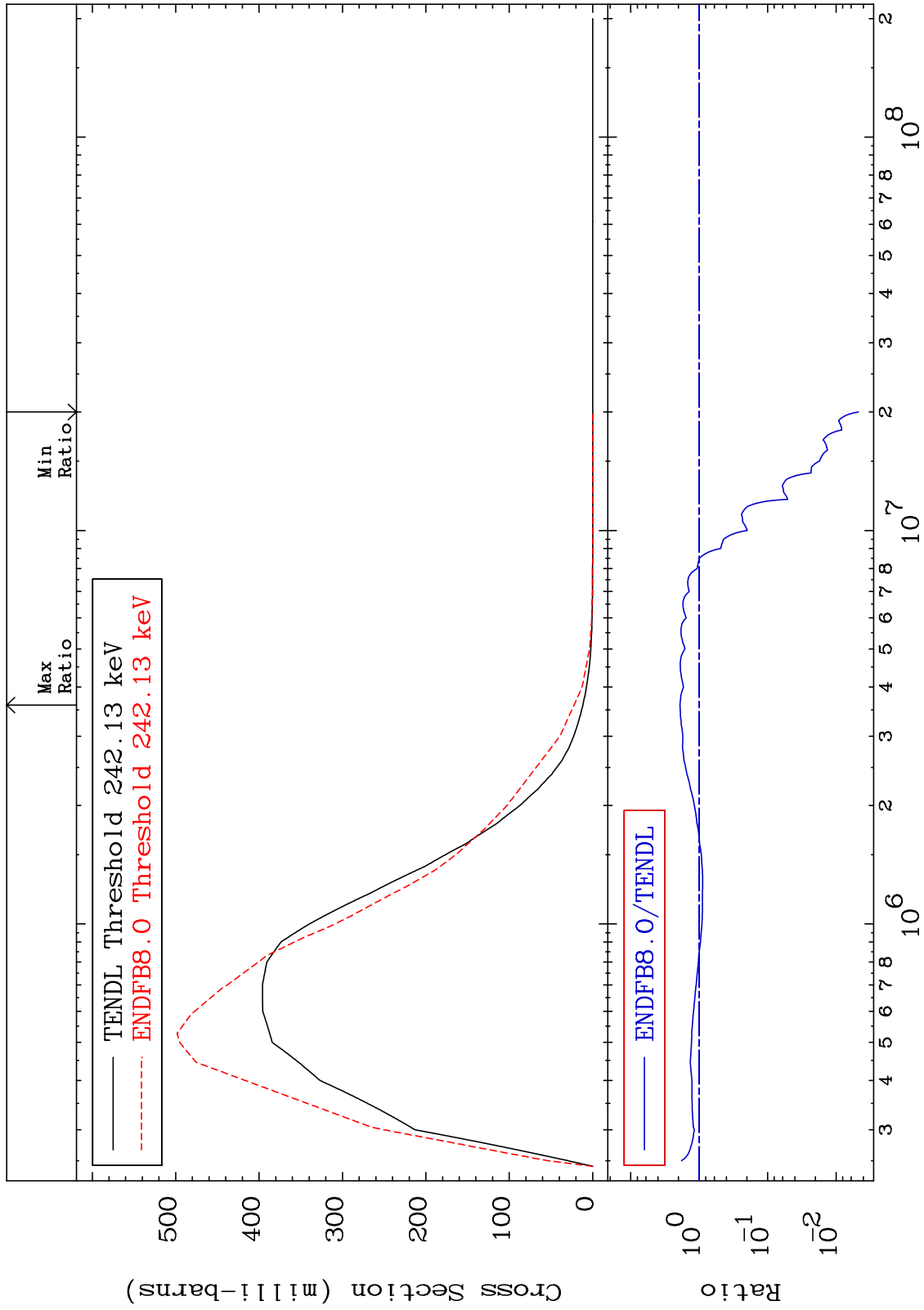
MAT 3434

MT= 53 (n,n') Level

34-Se-77

-99.53 To 90.23 %

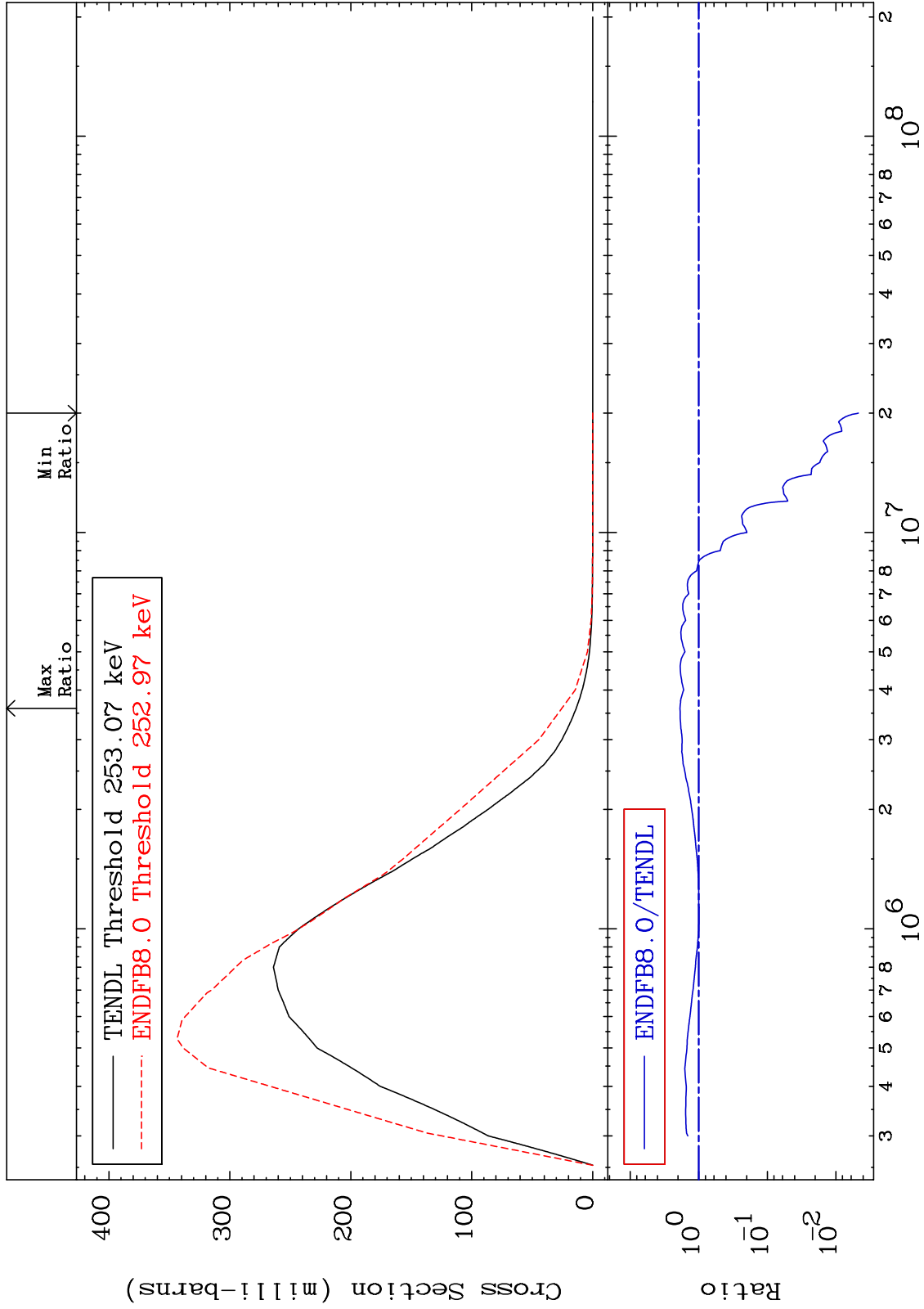
Cross Section



MAT 3434

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

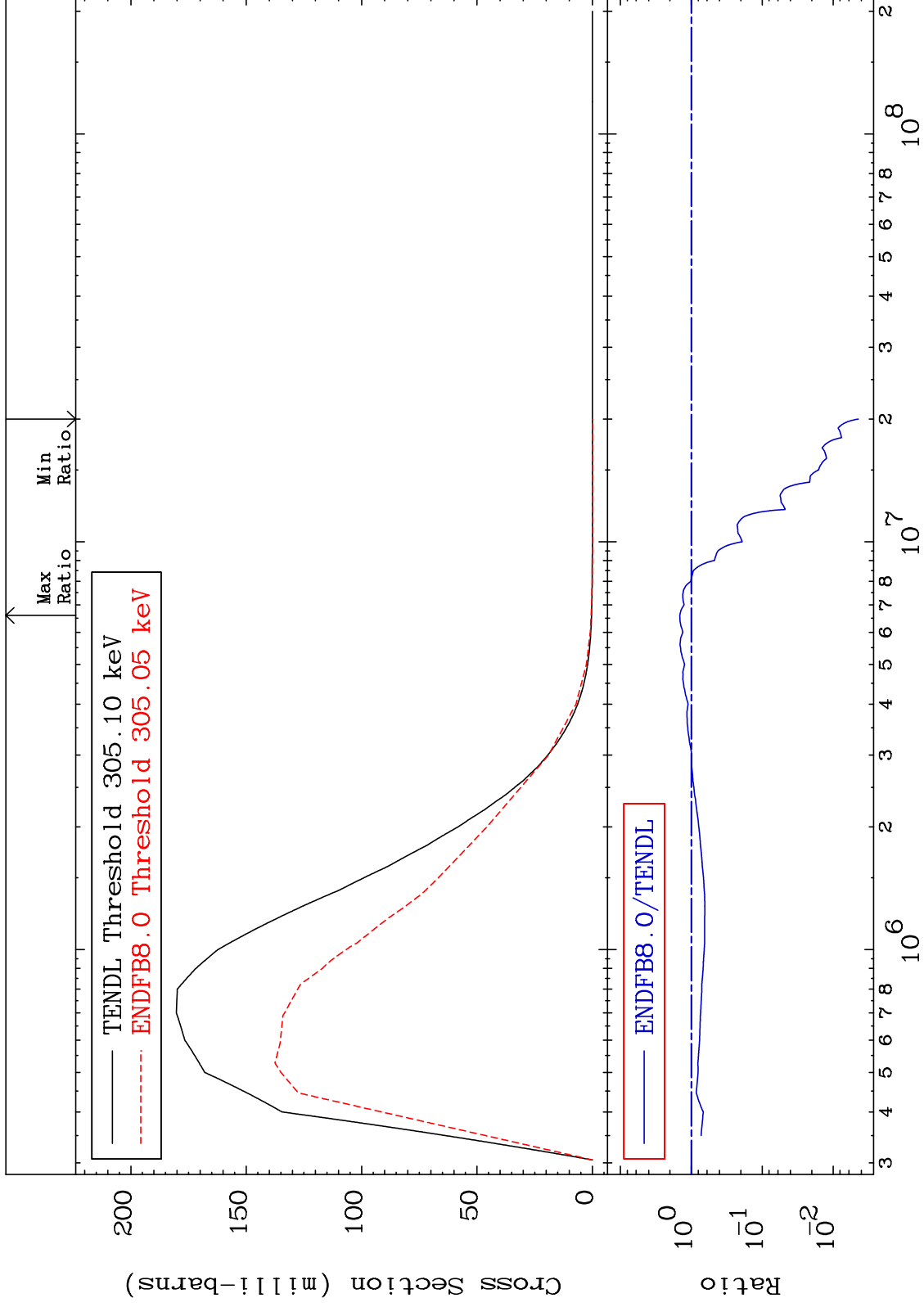
34-Se-77
-99.53 To 87.34 %



MAT 3434

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

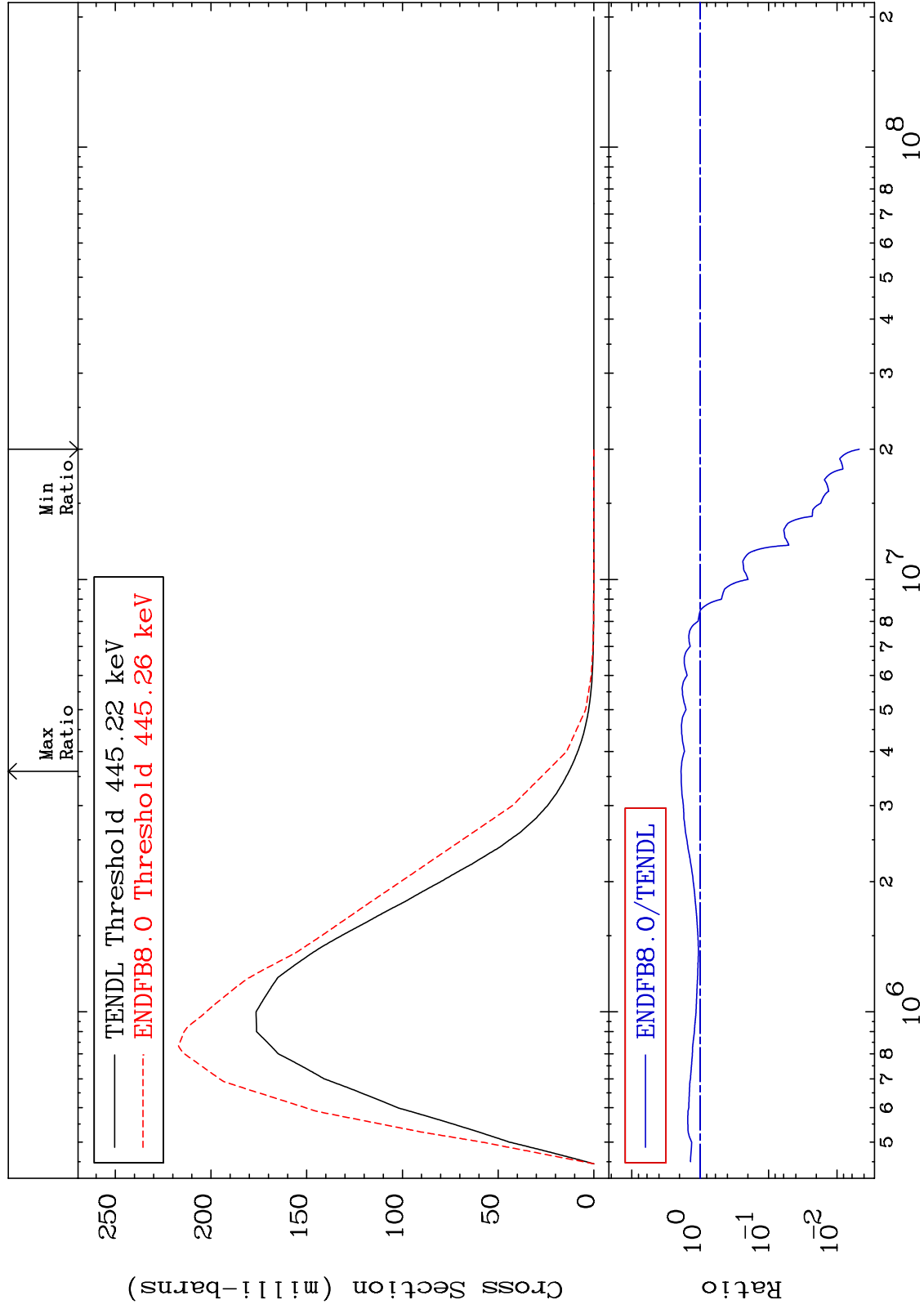
34-Se-77
-99.56 To 45.37 %



MAT 3434

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

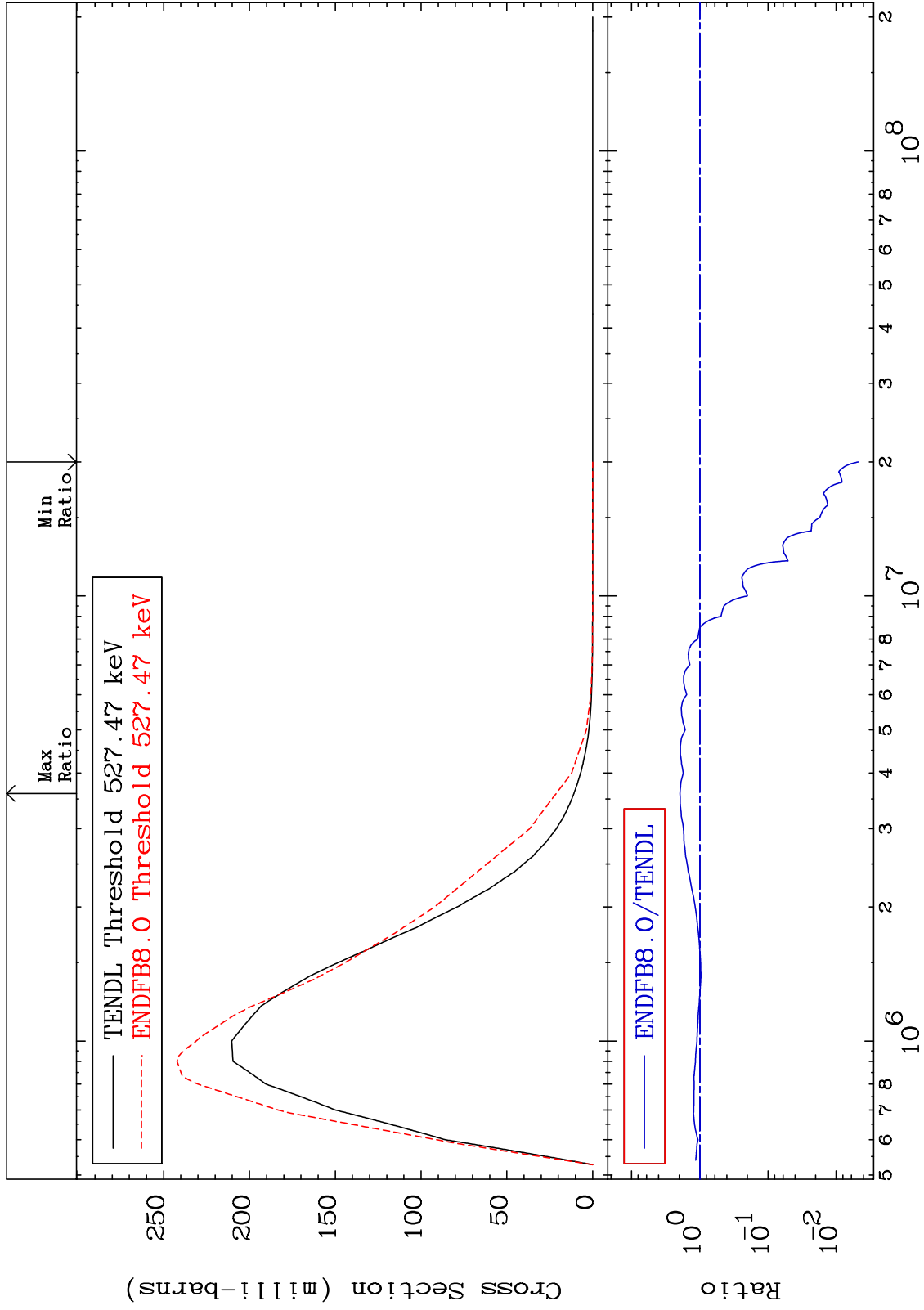
34-Se-77
-99.53 To 90.24 %



MAT 3434

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

34-Se-77
-99.53 To 94.64 %



15

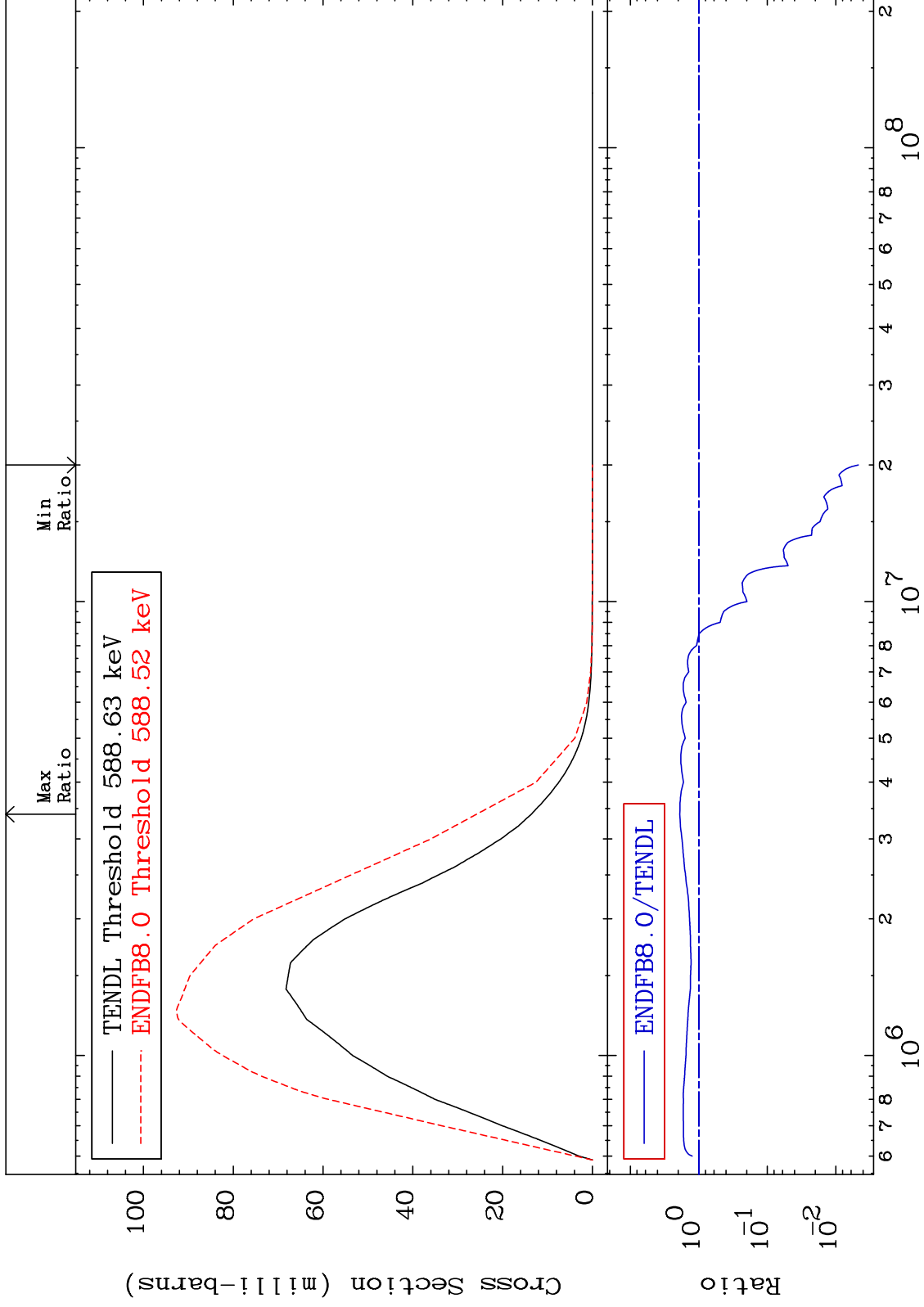
Incident Energy (eV)

34-Se-77

MAT 3434

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

34-Se-77
-99.53 To 89.55 %



16

34-Se-77

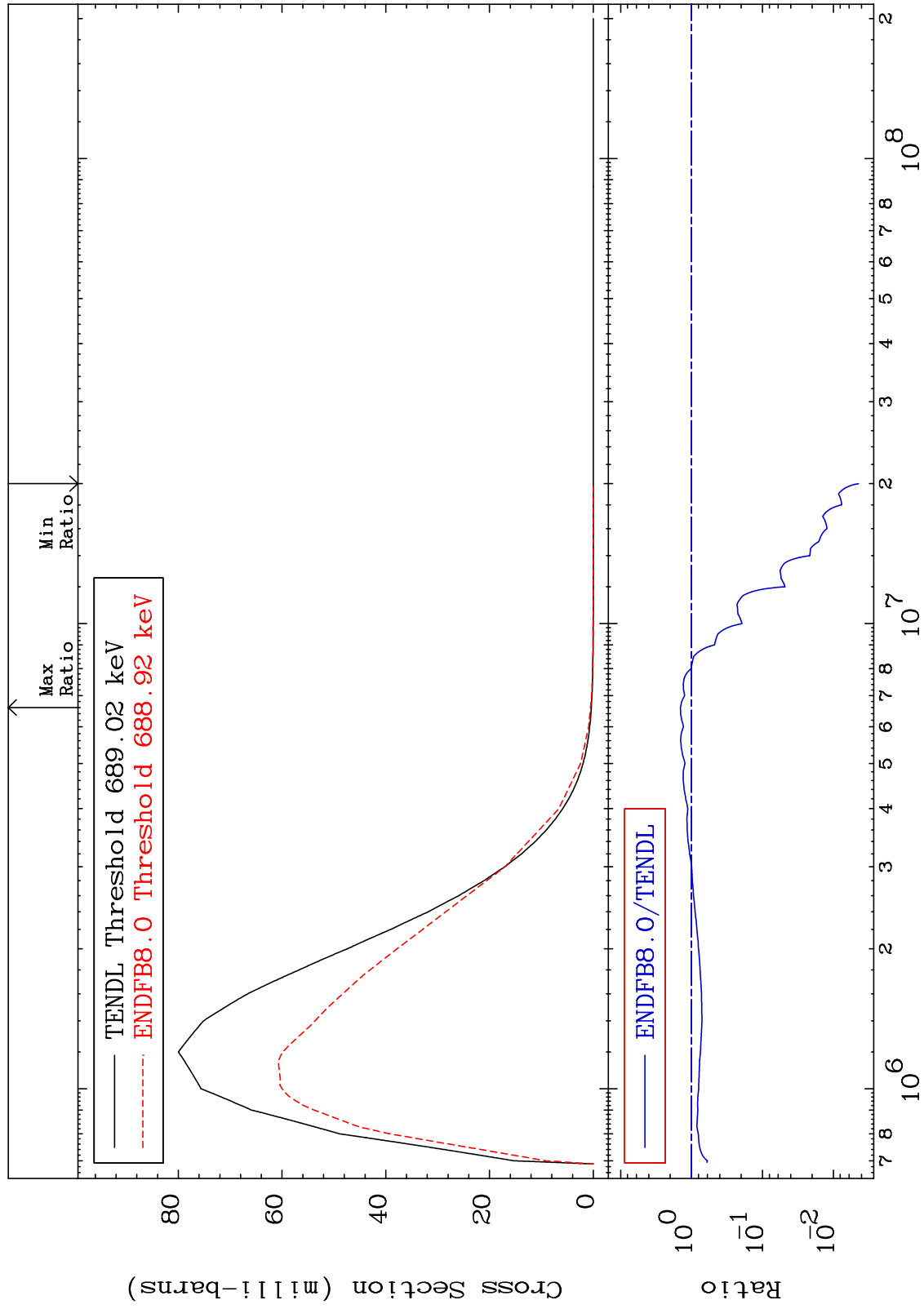
MAT 3434

MT= 59 (n,n') Level

34-Se-77

-99.56 To 43.47 %

Cross Section



17

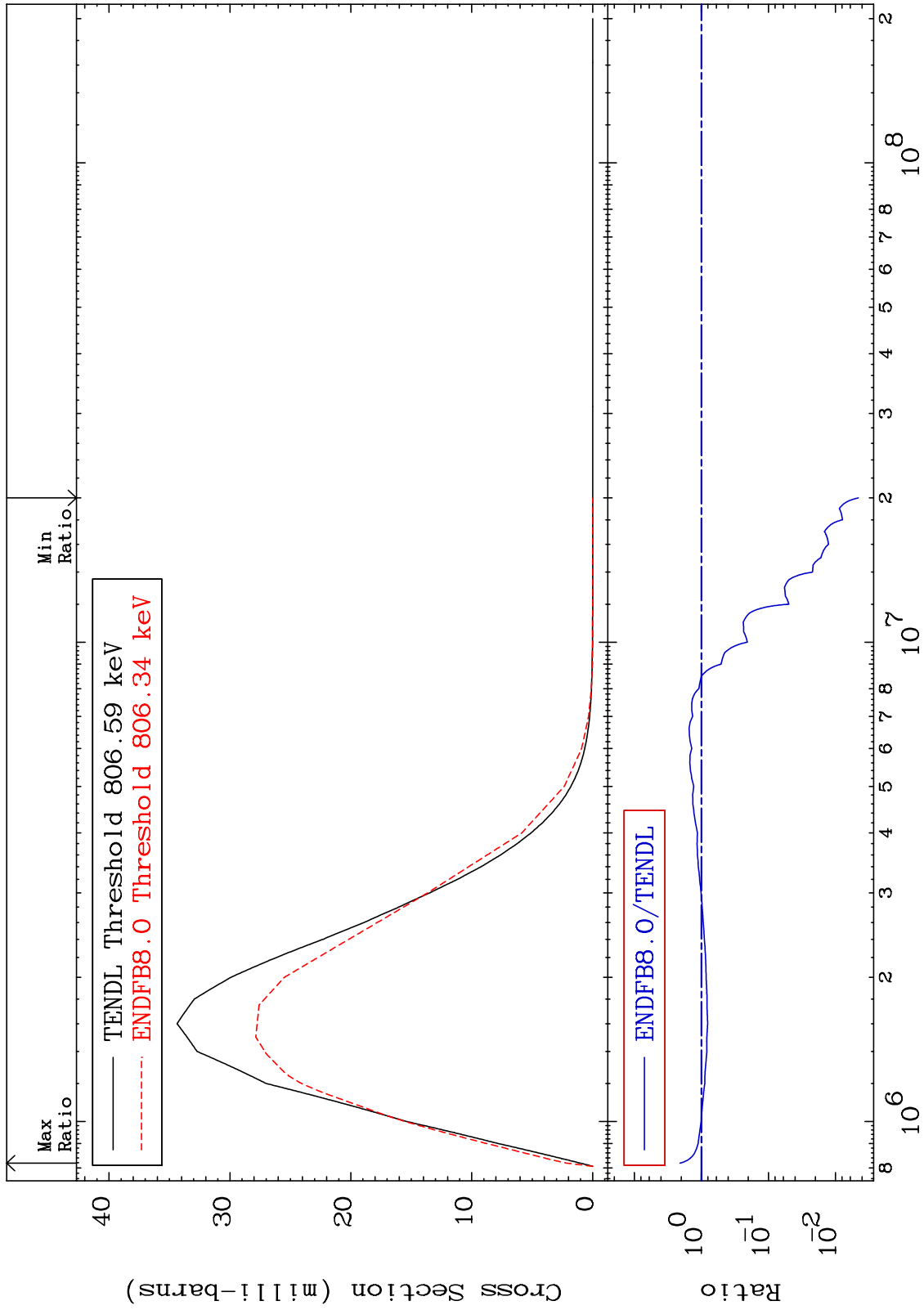
Incident Energy (eV)

34-Se-77

MAT 3434

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

34-Se-77
-99.55 To 108.6 %



18

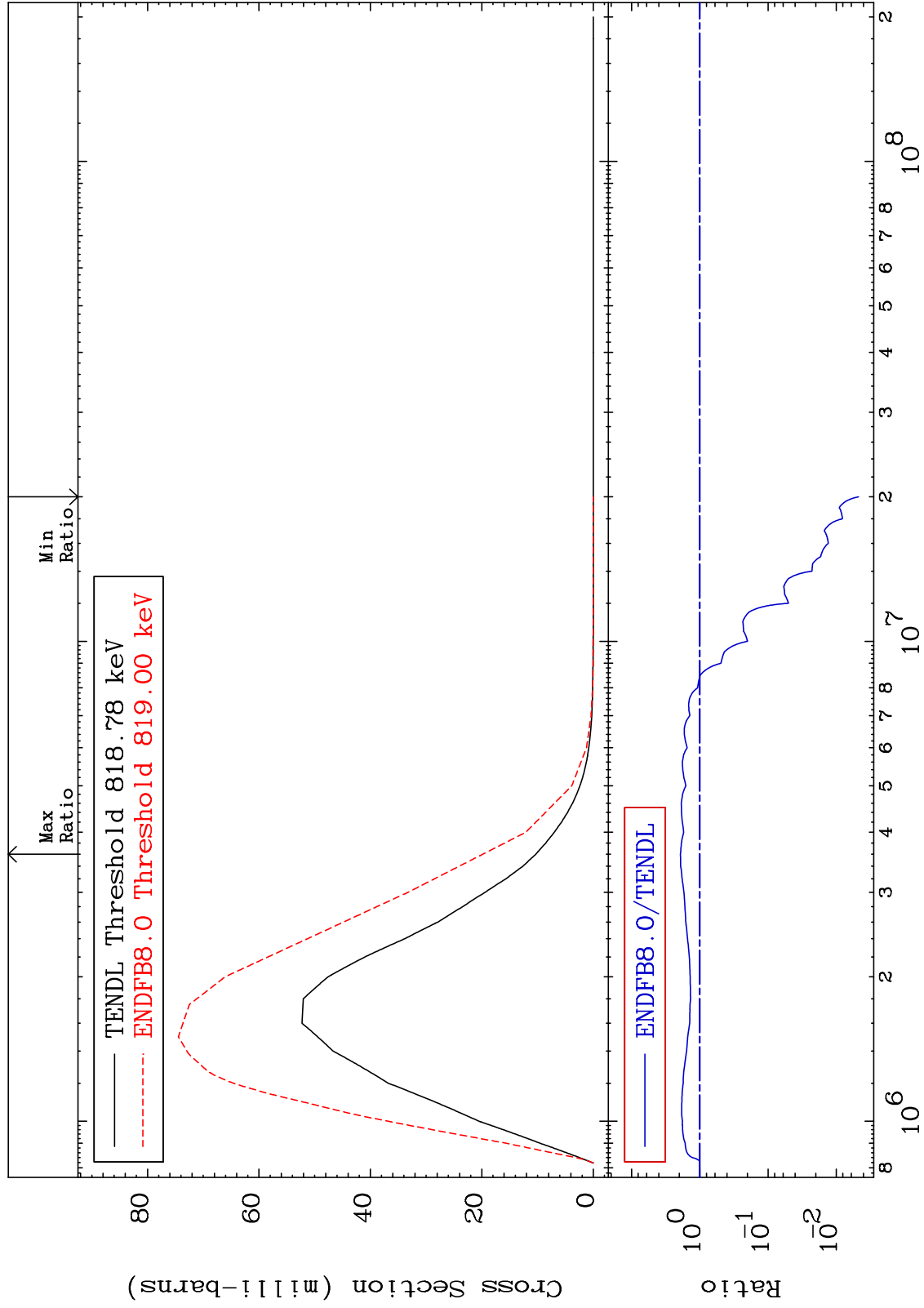
Incident Energy (eV)

34-Se-77

MAT 3434

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

34-Se-77
-99.53 To 92.18 %



19

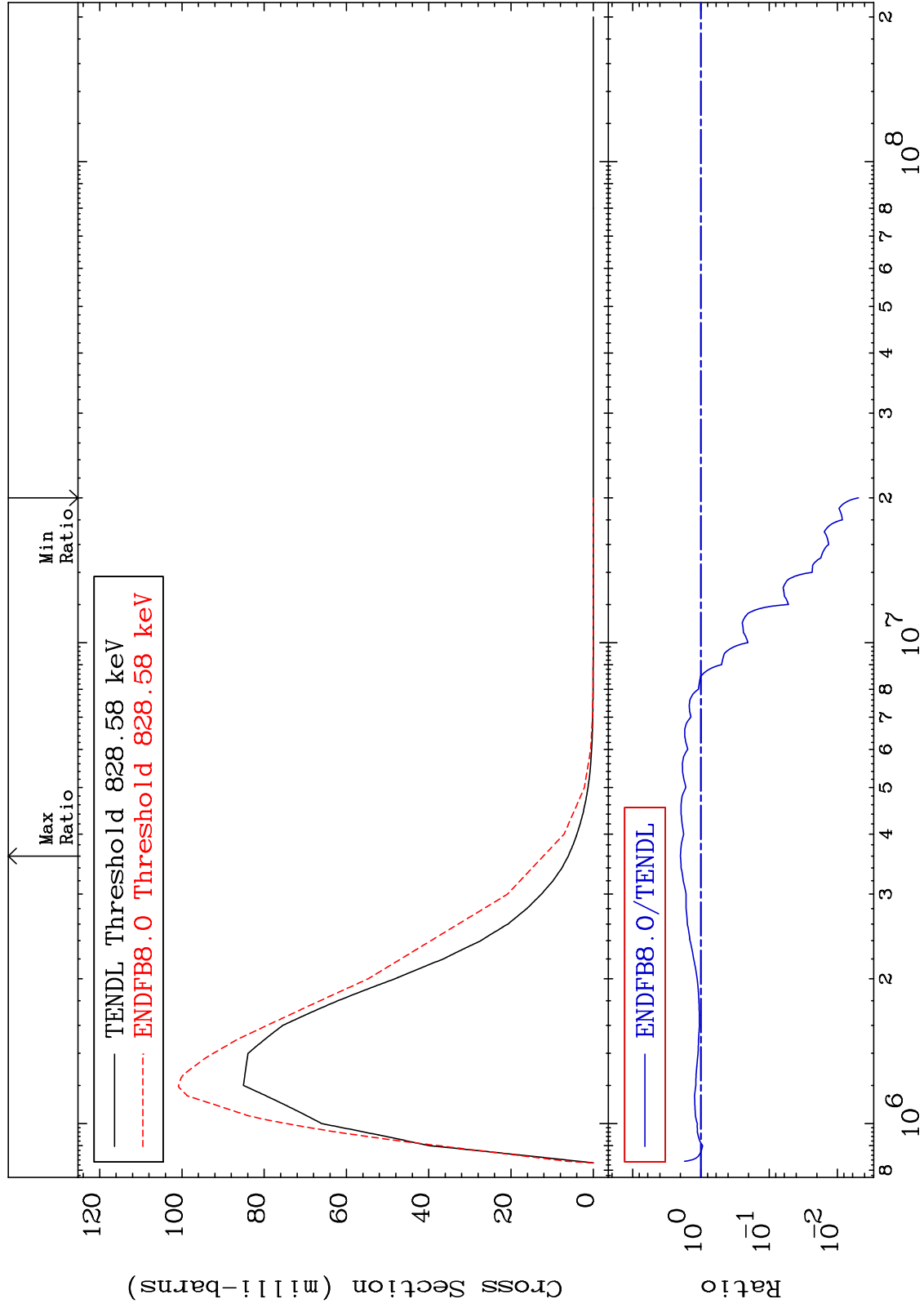
Incident Energy (eV)

34-Se-77

MAT 3434

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

34-Se-77
-99.51 To 99.38 %



34-Se-77

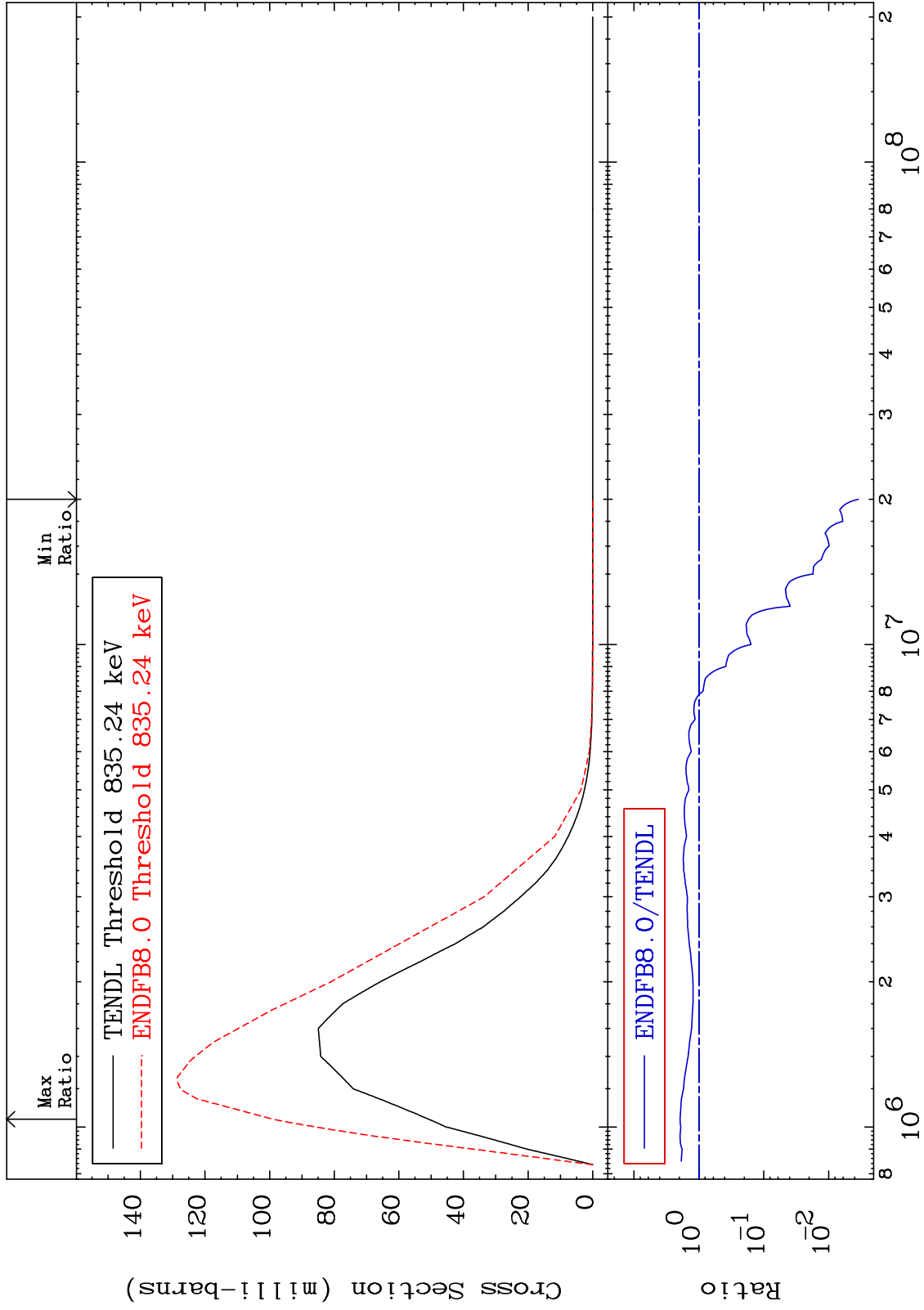
Incident Energy (eV)

20

MAT 3434

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

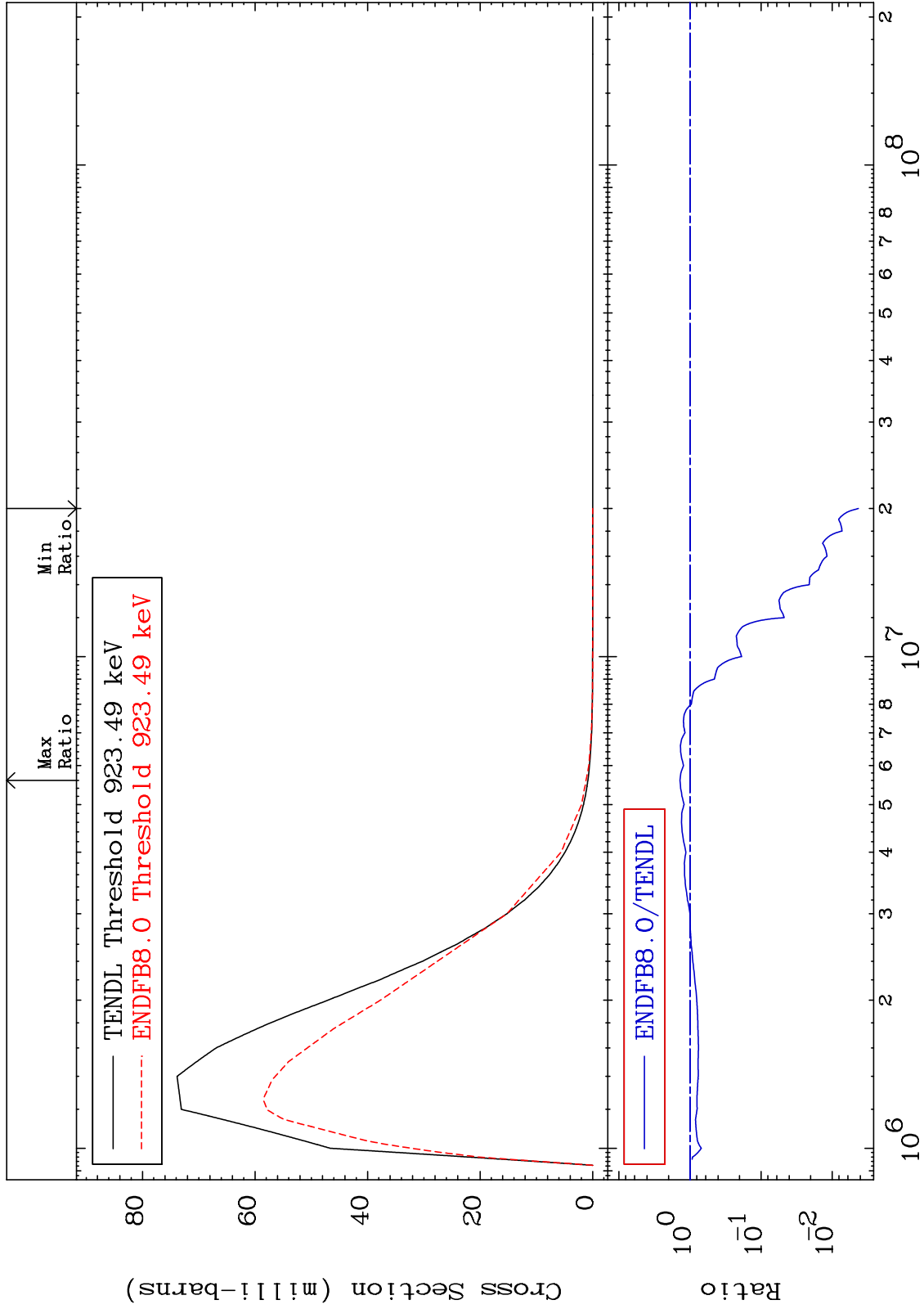
34-Se-77
-99.65 To 94.78 %



MAT 3434

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

34-Se-77
-99.57 To 37.73 %



22

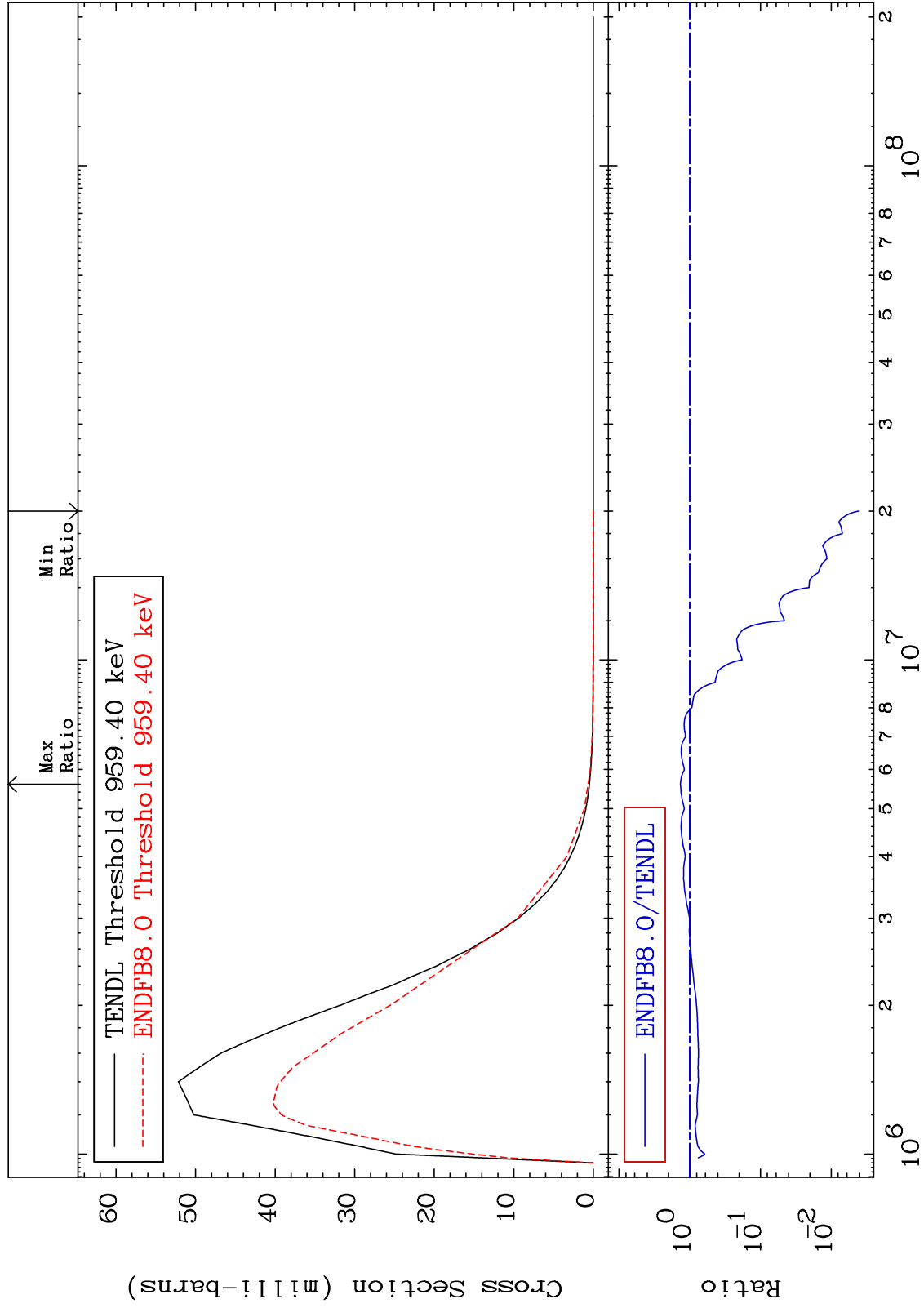
Incident Energy (eV)

34-Se-77

MAT 3434

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

34-Se-77
-99.59 To 35.44 %



23

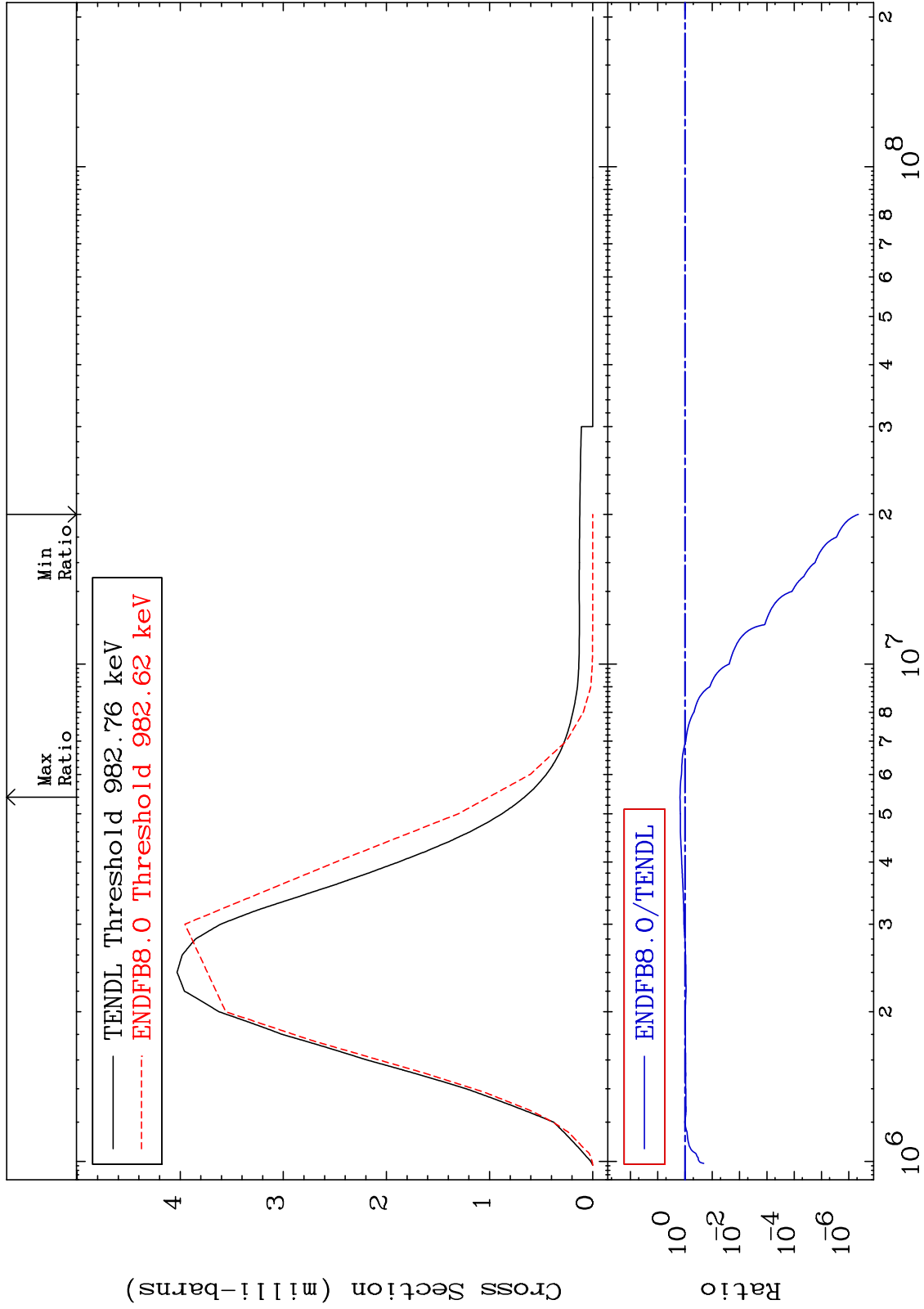
Incident Energy (eV)

34-Se-77

MAT 3434

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

34-Se-77
-100.0 To 52.44 %



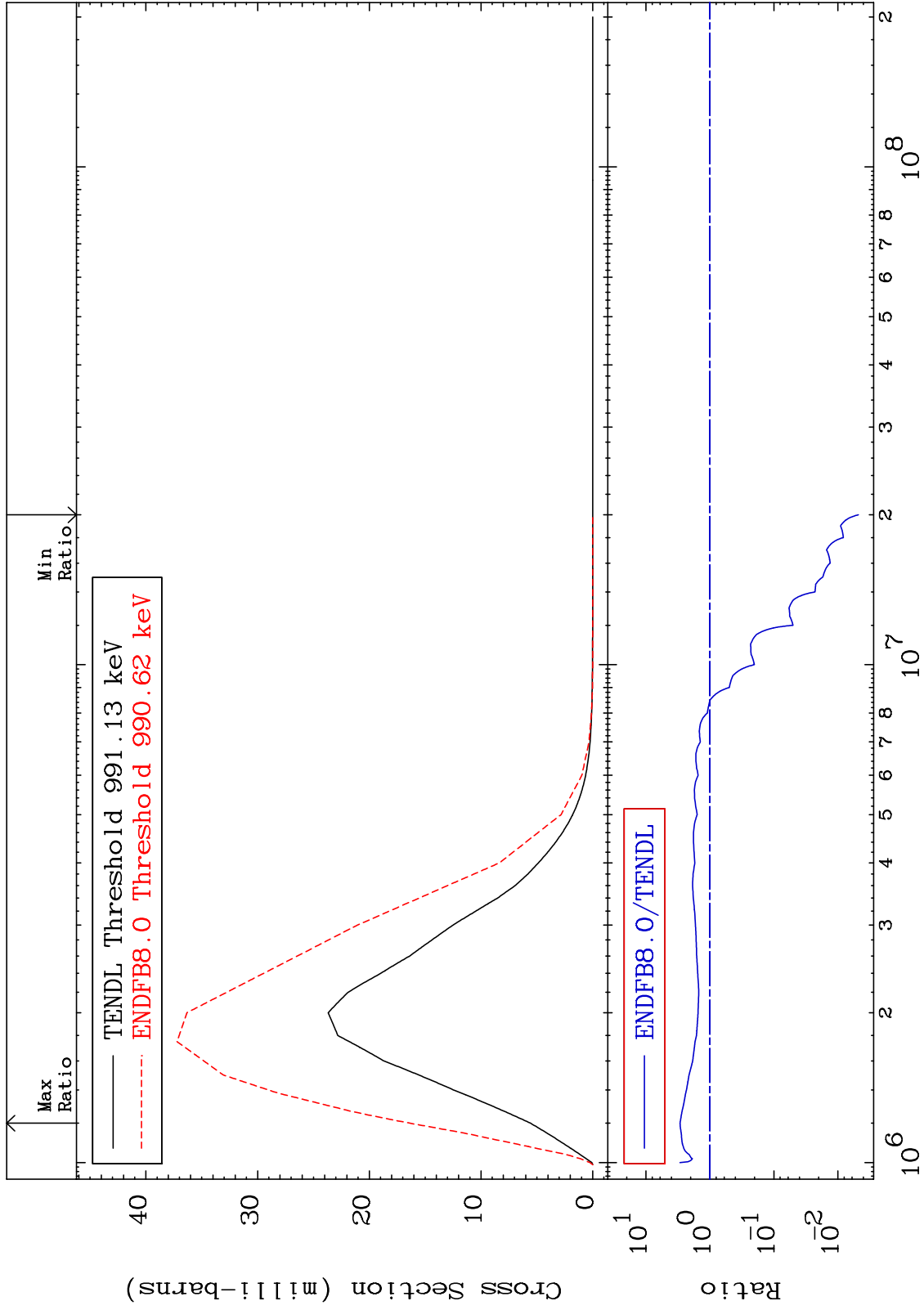
24

34-Se-77

MAT 3434

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

34-Se-77
-99.52 To 193.6 %



25

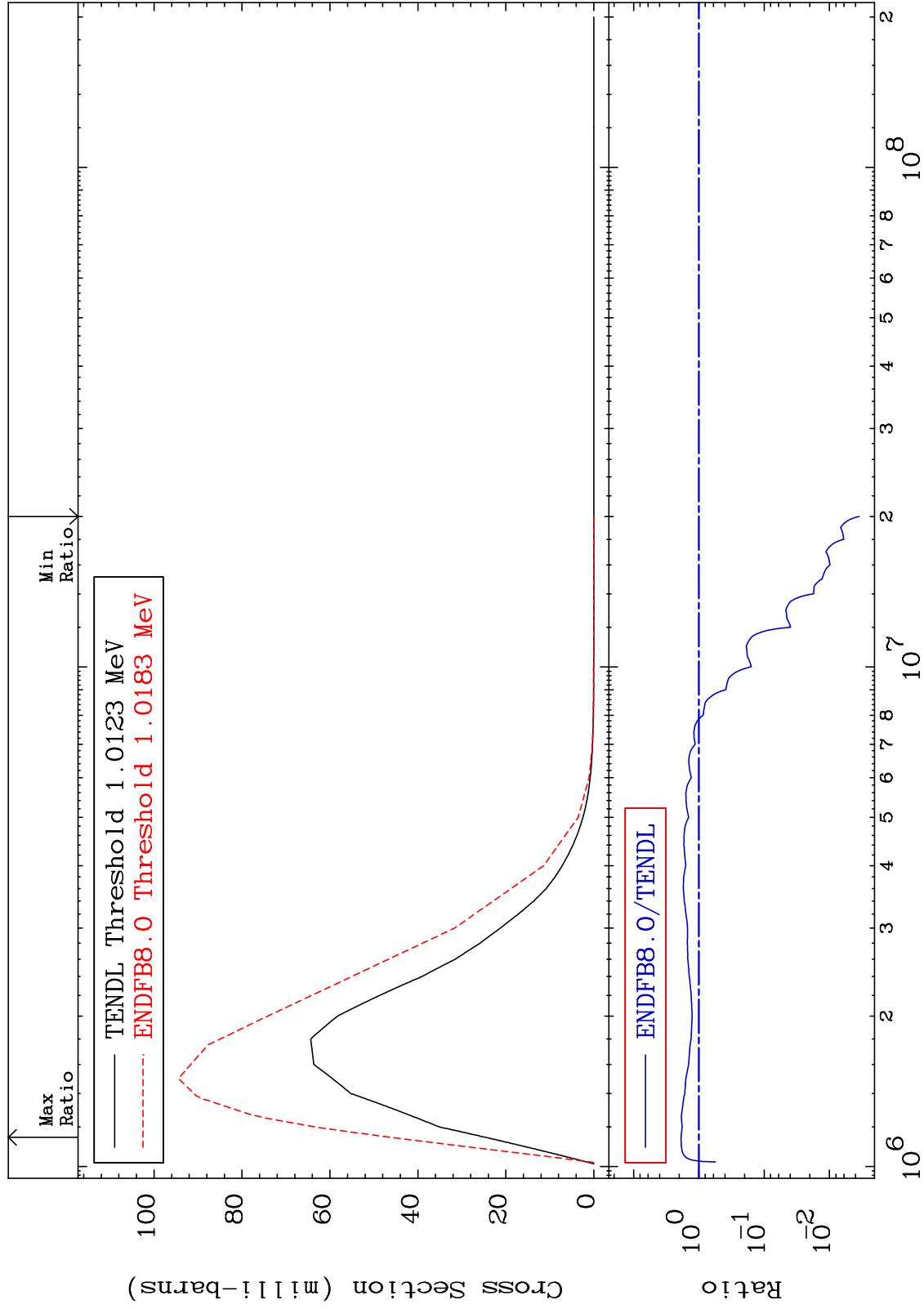
Incident Energy (eV)

34-Se-77

MAT 3434

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

34-Se-77
-99.65 To 87.82 %



26

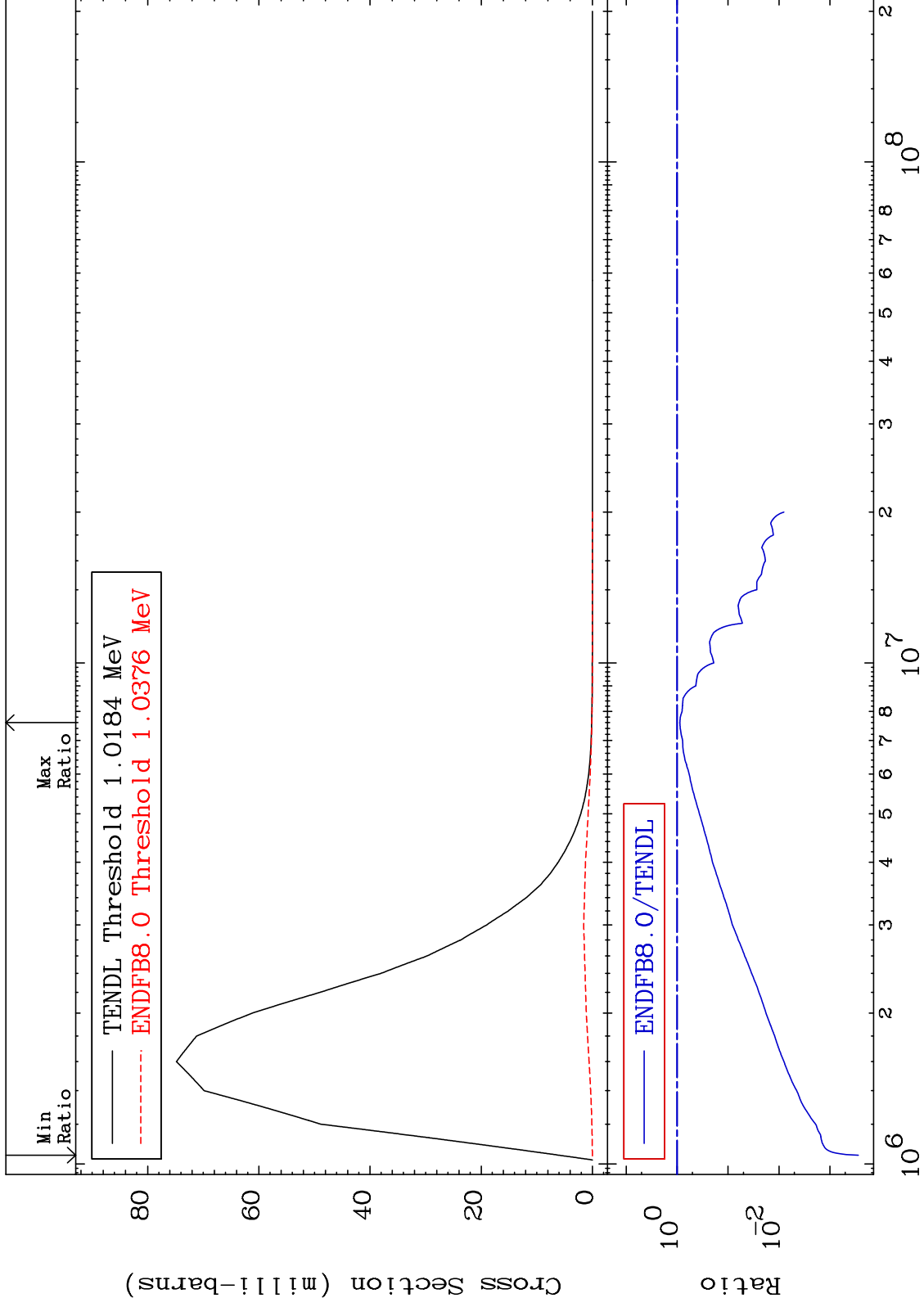
Incident Energy (eV)

34-Se-77

MAT 3434

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

34-Se-77
-99.97 To -11.37%



27

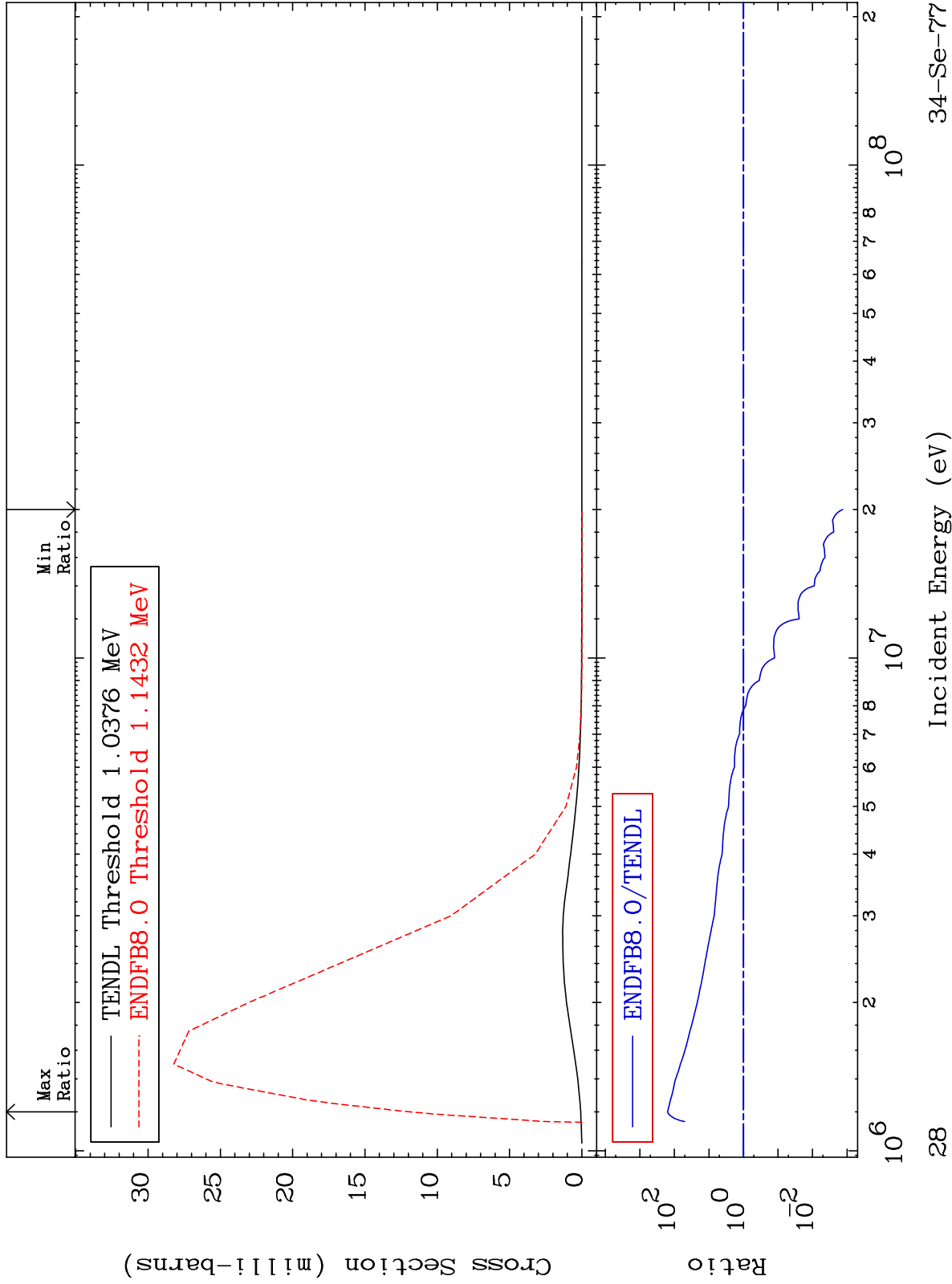
34-Se-77

34-Se-77

MAT 3434

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

34-Se-77
-99.87 To 9999. %



34-Se-77

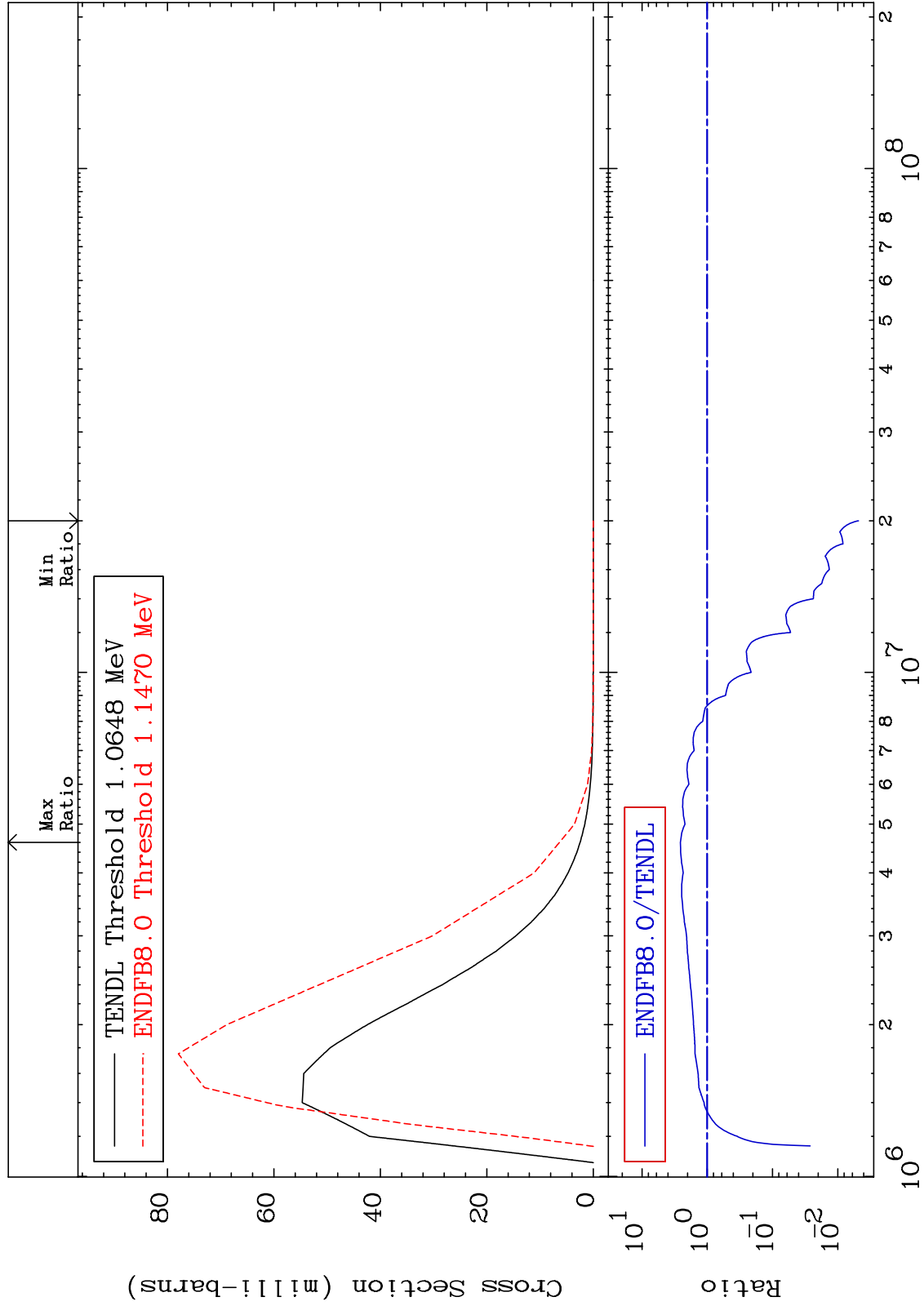
Incident Energy (eV)

28

MAT 3434

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

34-Se-77
-99.52 To 157.3 %



29

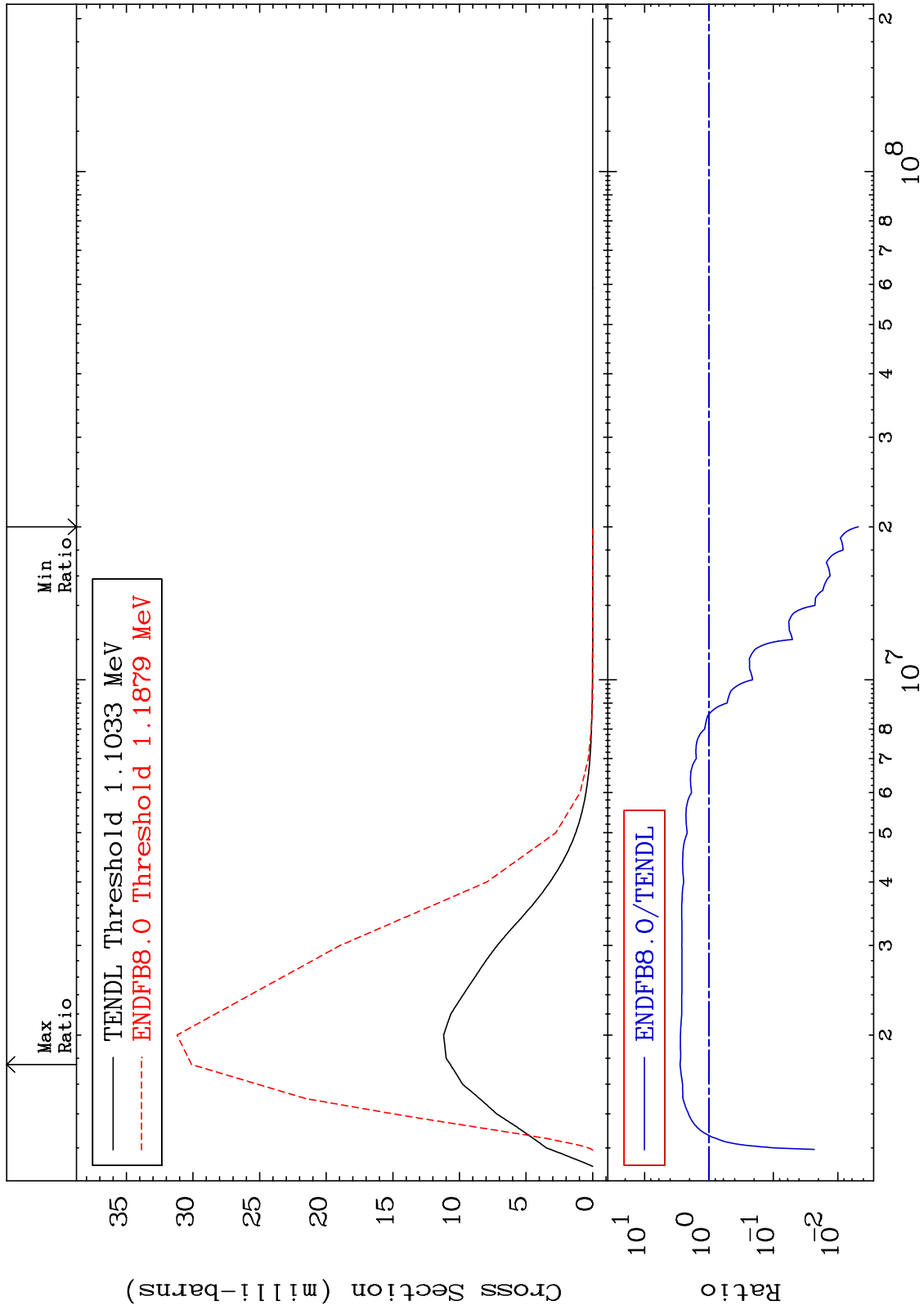
Incident Energy (eV)

34-Se-77

MAT 3434

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

34-Se-77
-99.52 To 181.7 %



30

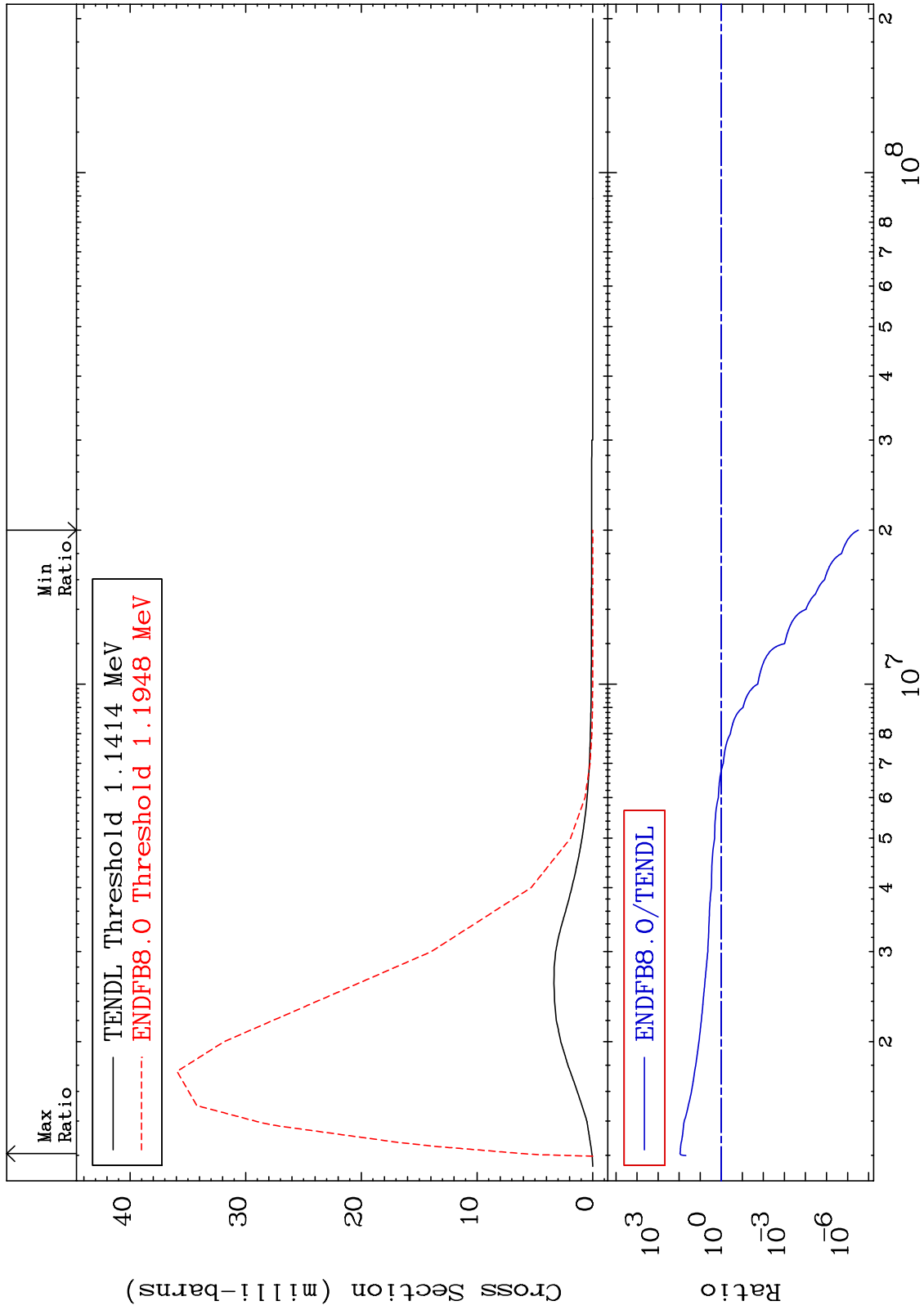
Incident Energy (eV)

34-Se-77

MAT 3434

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

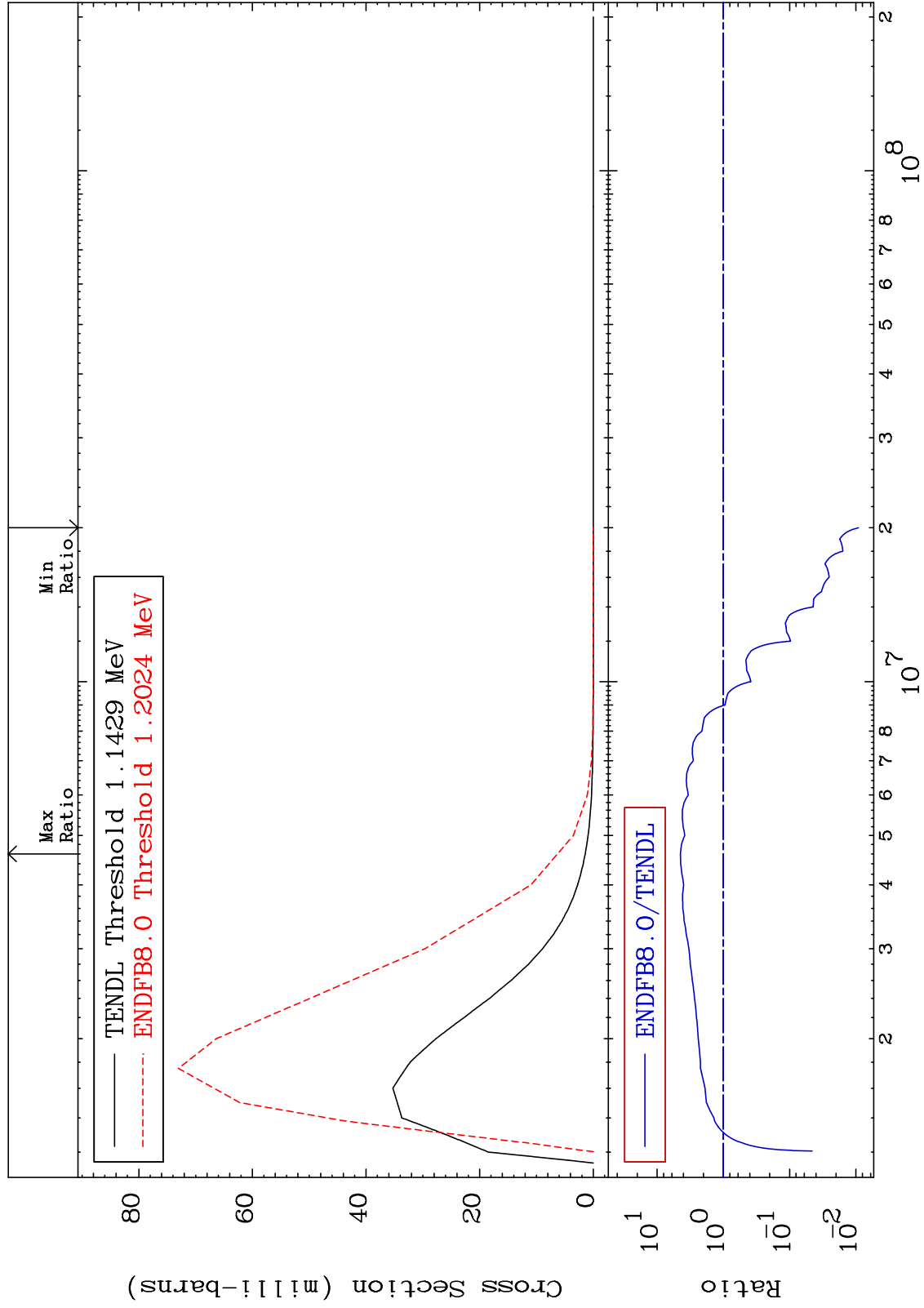
34-Se-77
-100.0 To 9012. %



MAT 3434

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

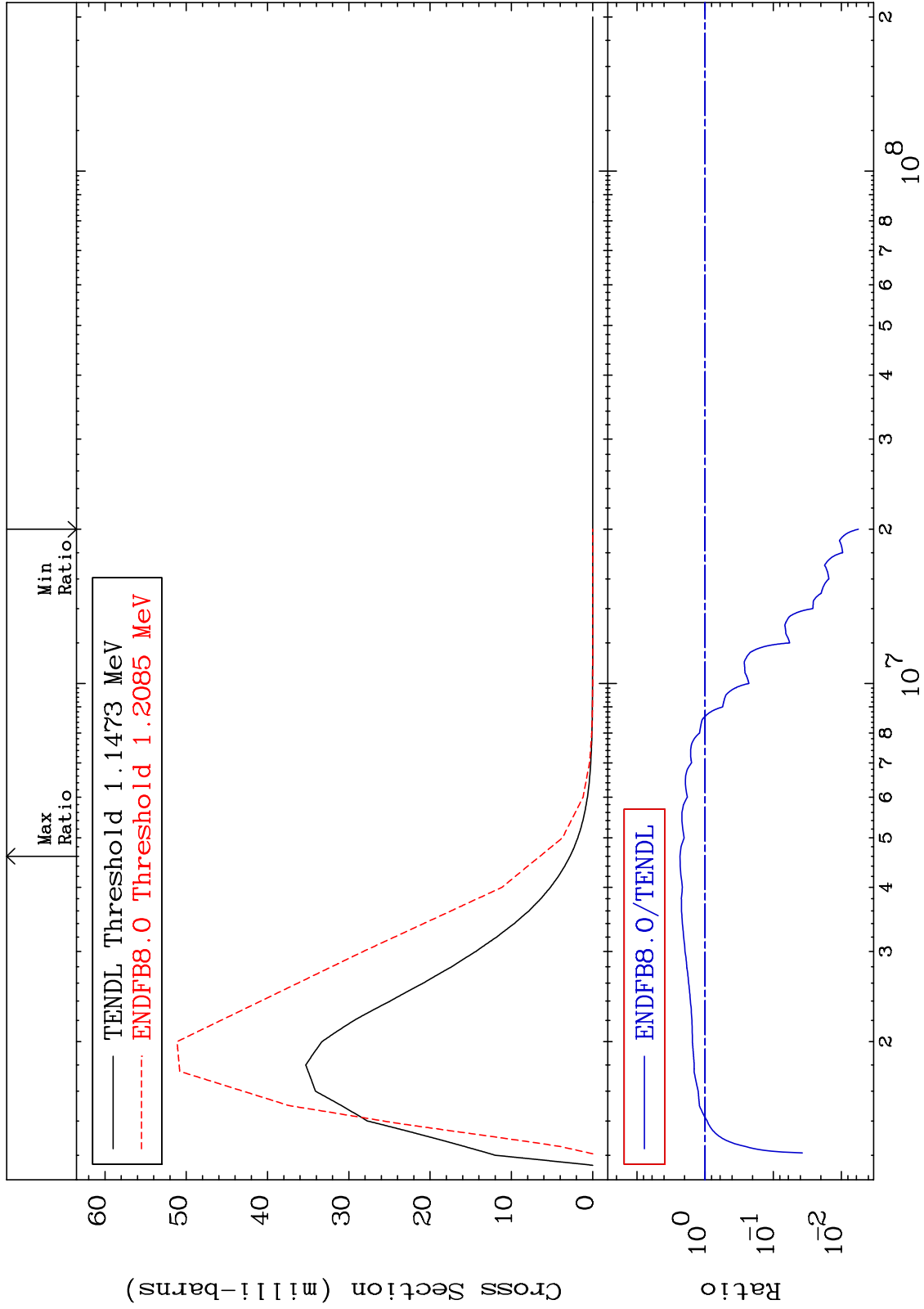
34-Se-77
-99.09 To 344.4 %



MAT 3434

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

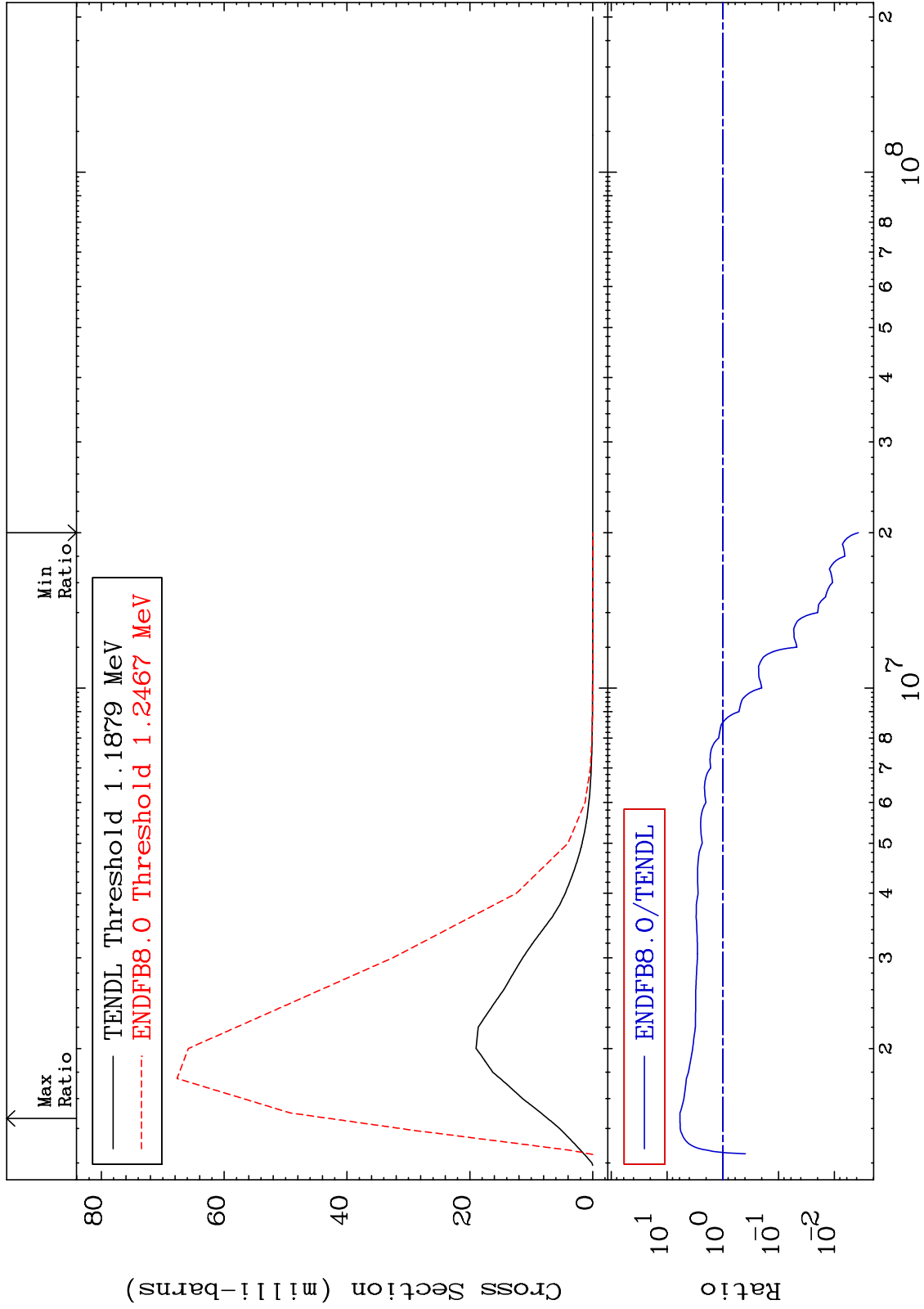
34-Se-77
-99.44 To 132.9 %



MAT 3434

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

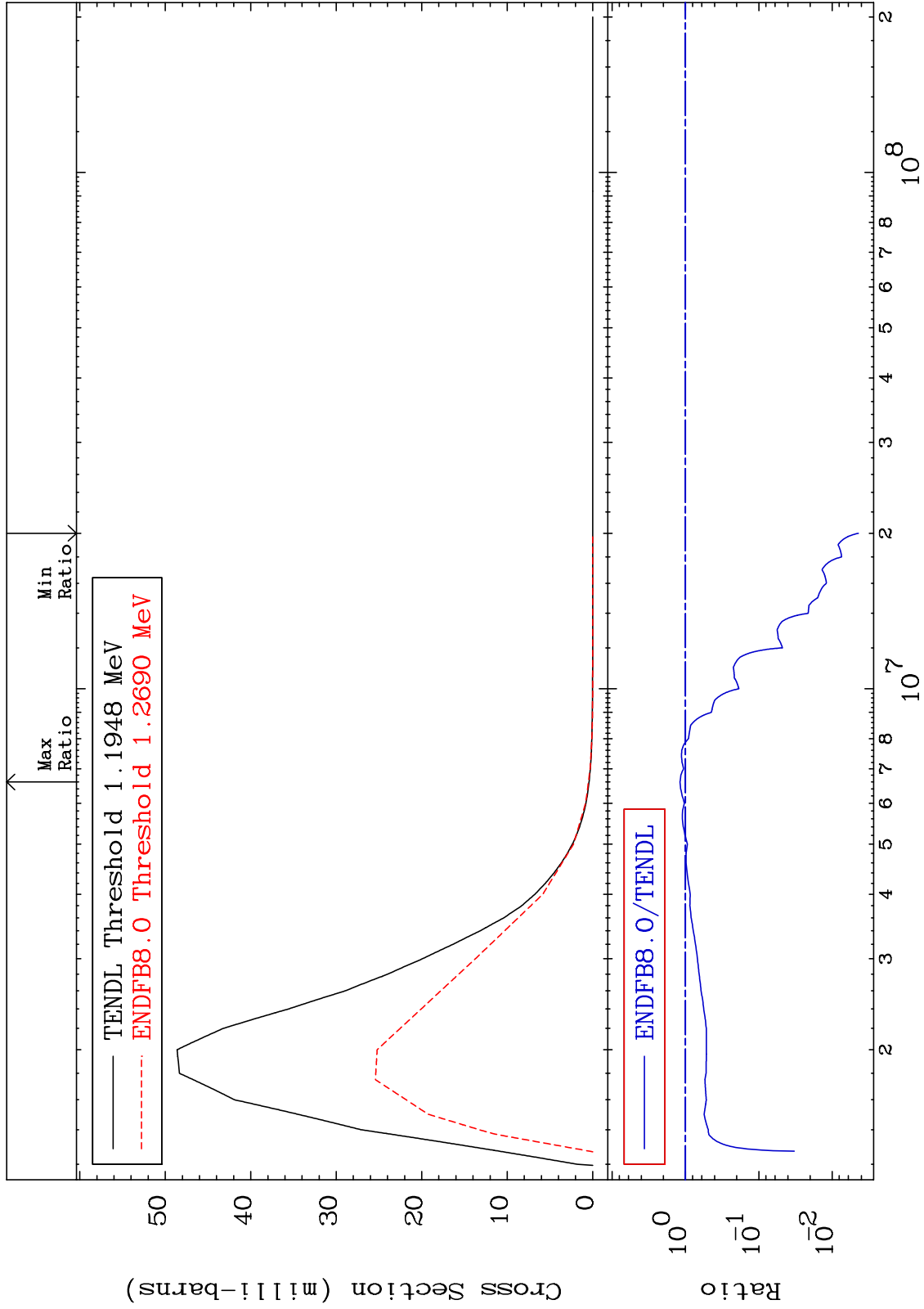
34-Se-77
-99.63 To 485.3 %



MAT 3434

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

34-Se-77
-99.56 To 18.81 %



35

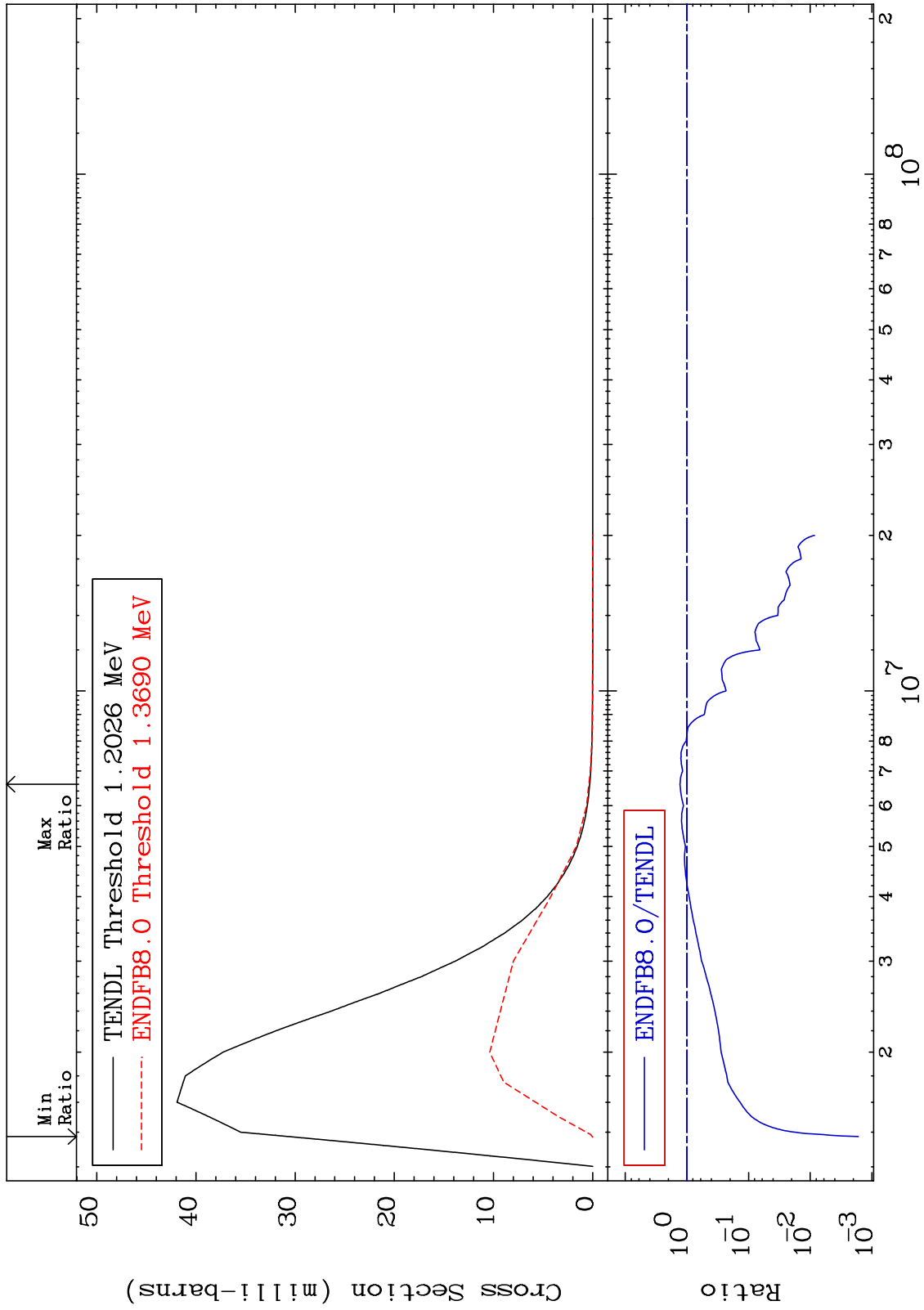
Incident Energy (eV)

34-Se-77

MAT 3434

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

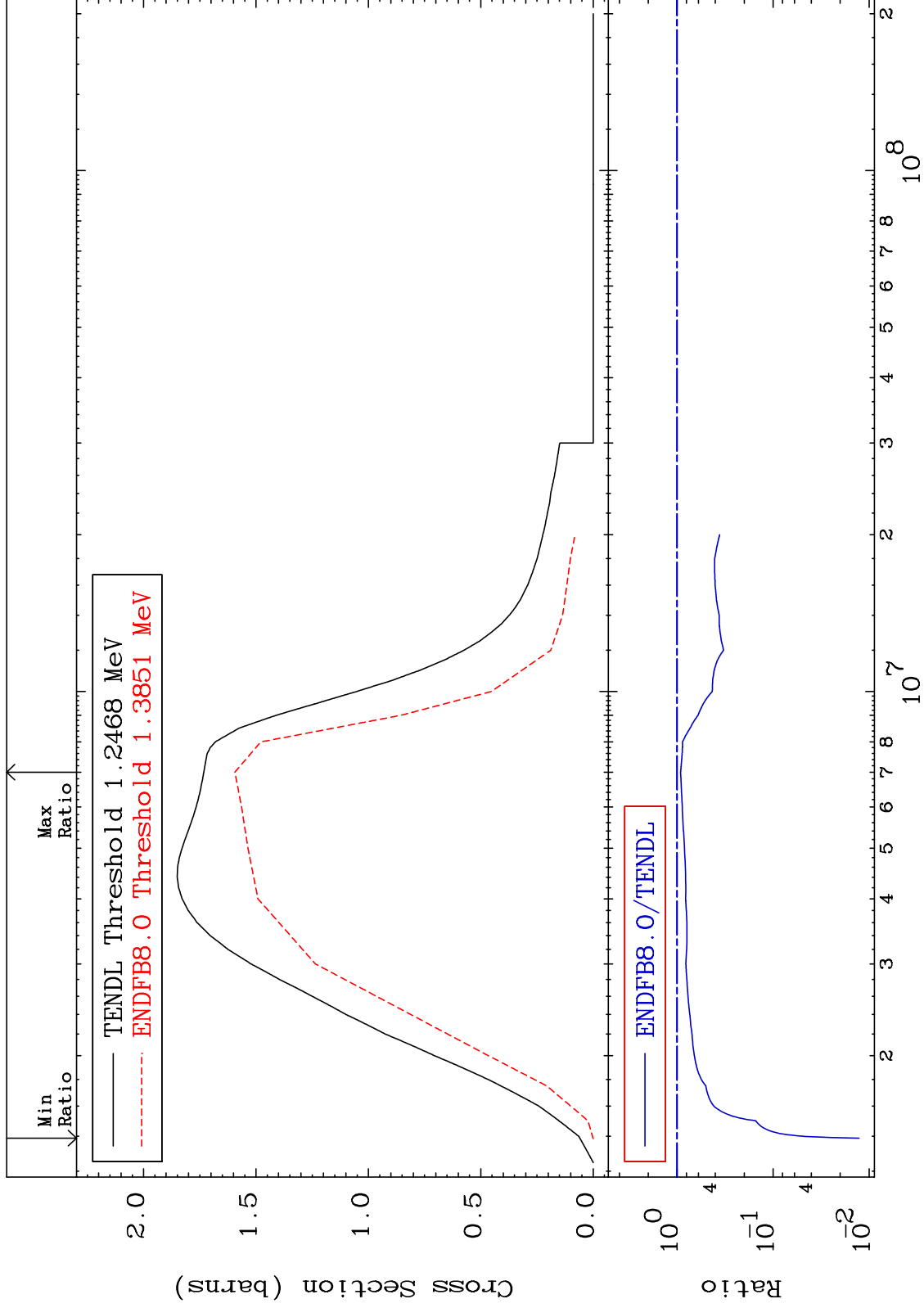
34-Se-77
-99.83 To 29.47 %



MAT 3434

(n, n') Continuum
Cross Section

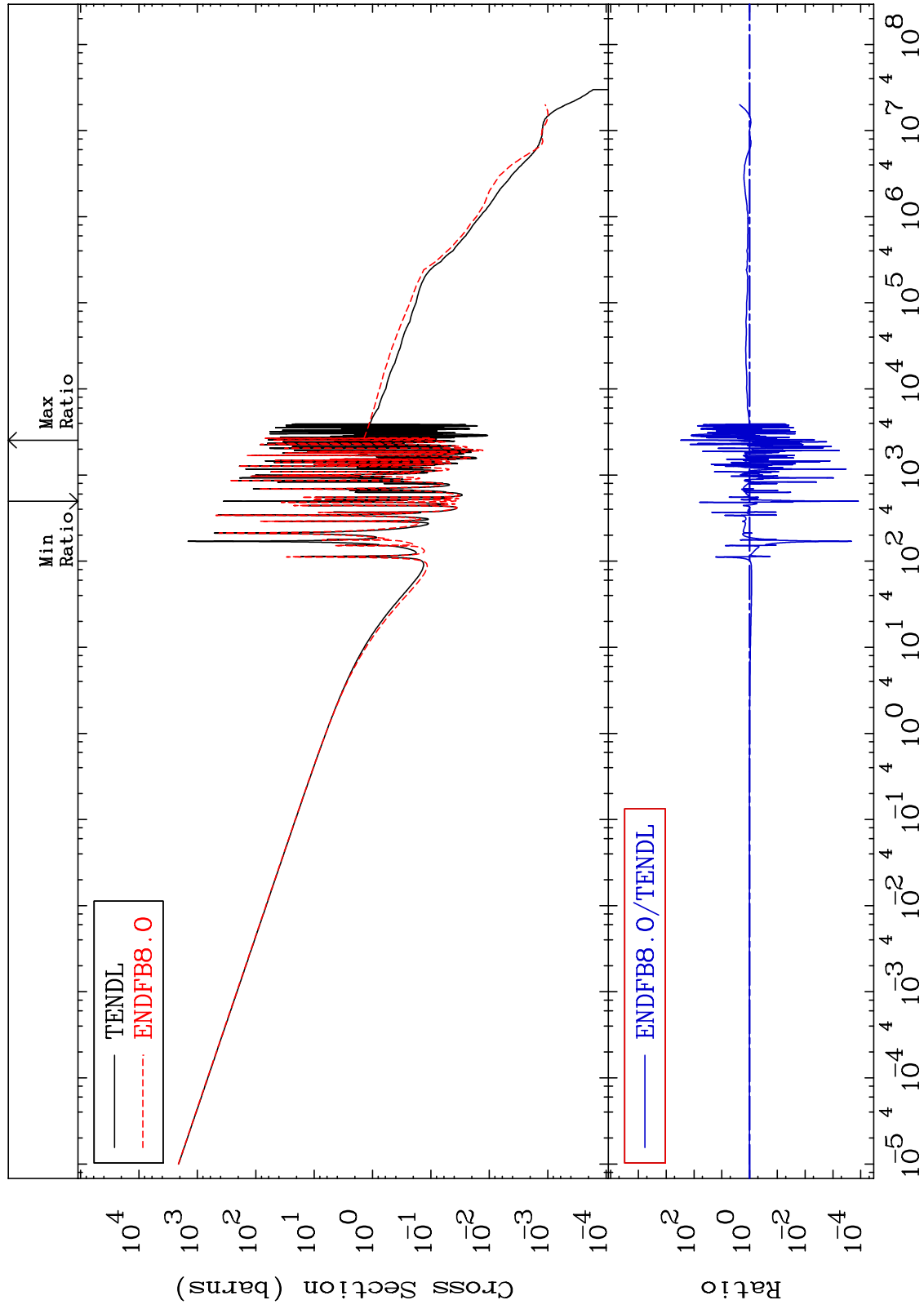
³⁴Se-77
-98.73 To -7.984%



MAT 3434

(n, γ)
Cross Section

34-Se-77
-99.99 To 9999. %



38

Incident Energy (eV)

34-Se-77

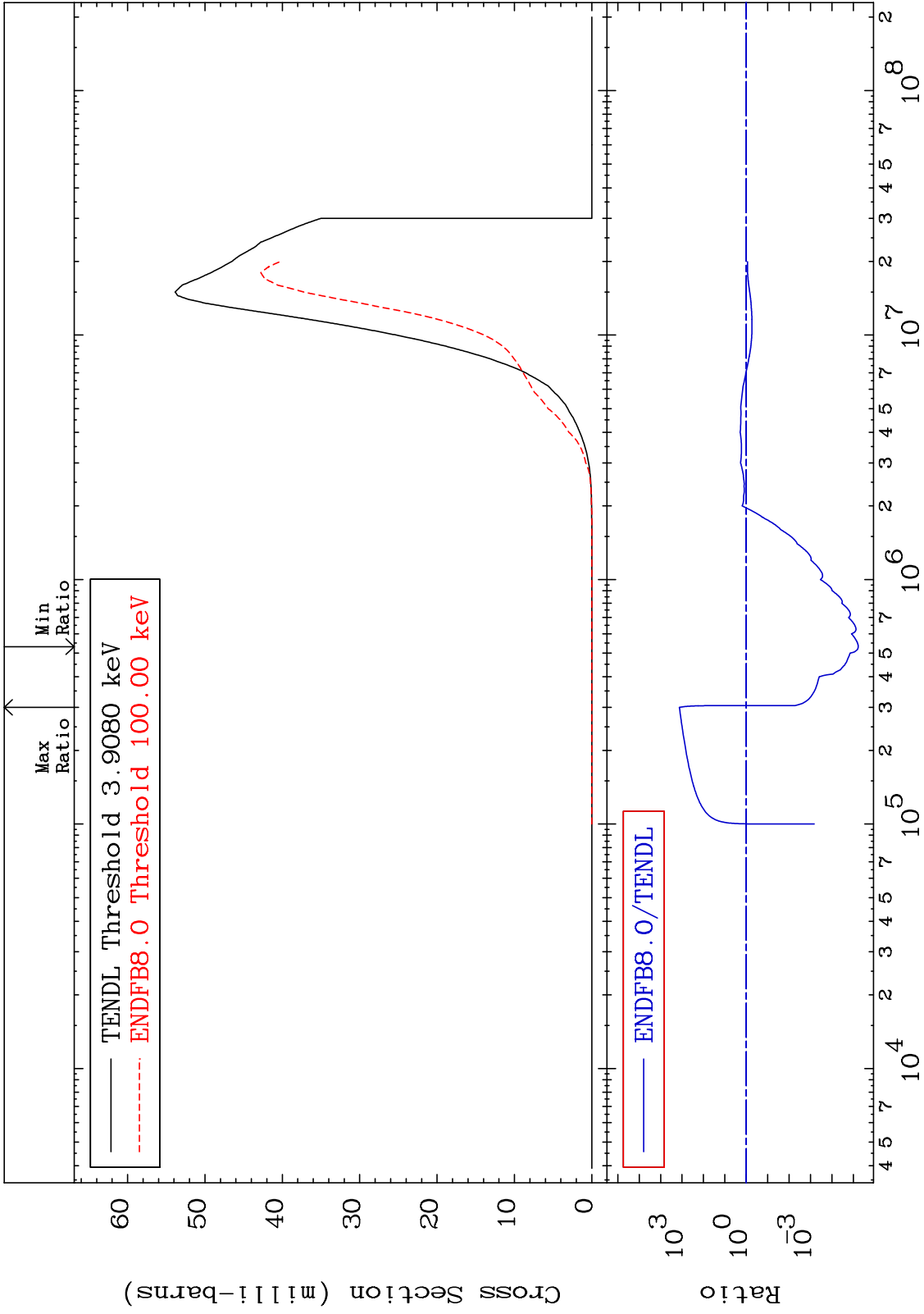
MAT 3434

(n,p)

³⁴Se-77

Cross Section

-100.0 To 9999. %



39

Incident Energy (eV)

³⁴Se-77

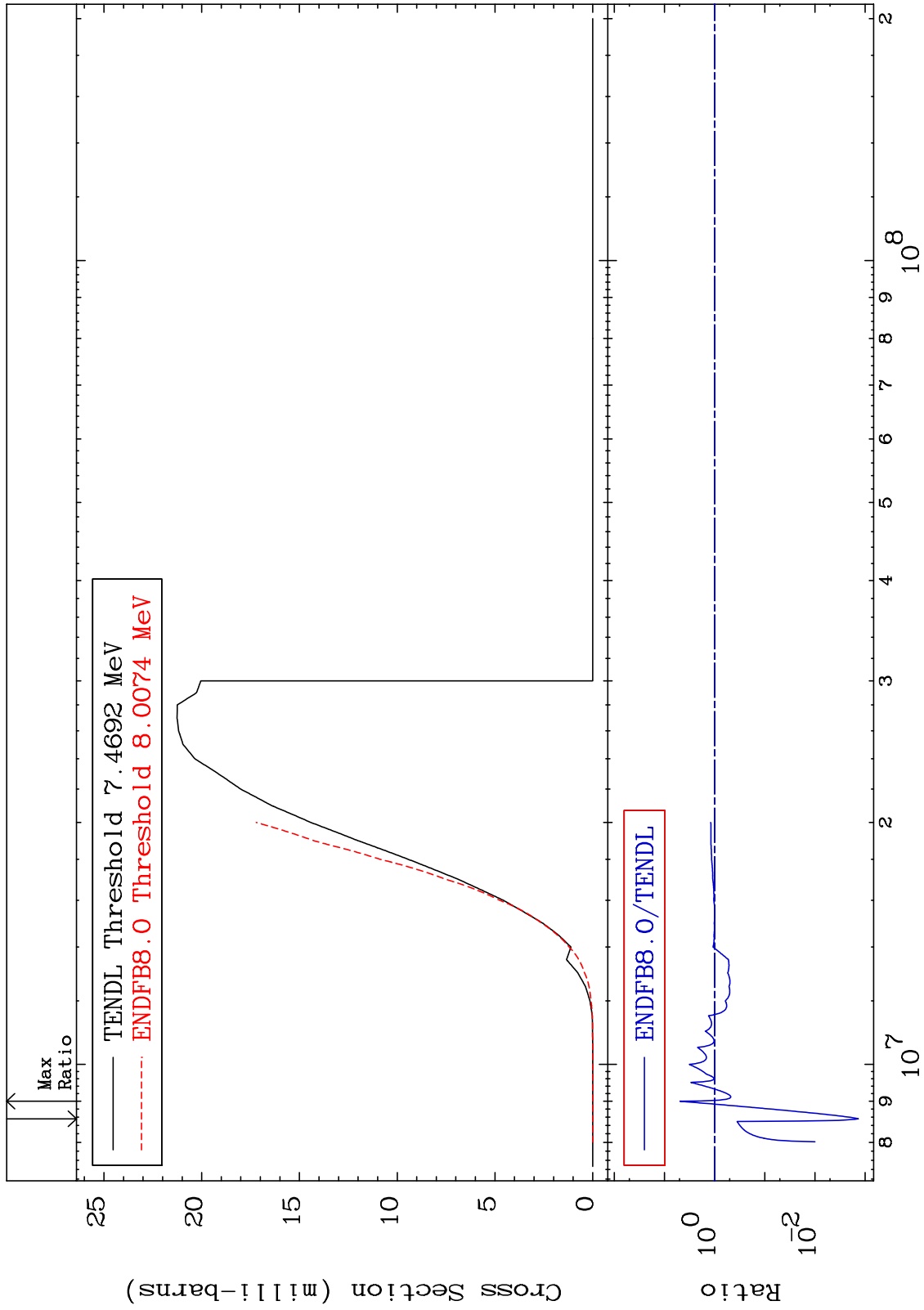
MAT 3434

(n, d)

34-Se-77

Cross Section

-99.86 To 390.4 %



40

Incident Energy (eV)

34-Se-77

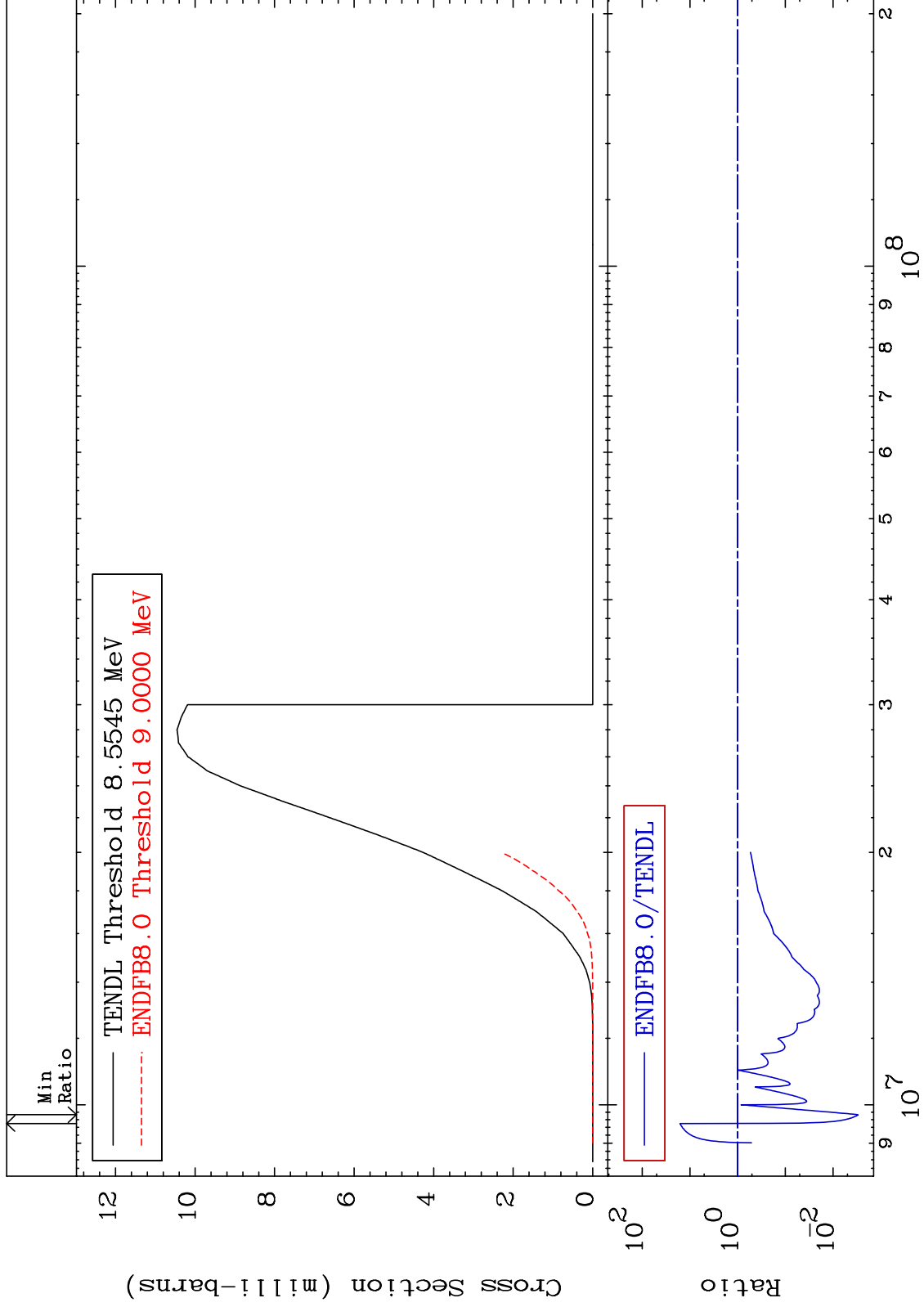
MAT 3434

(n, t)

34-Se-77

Cross Section

-99.70 To 1510. %



41

34-Se-77

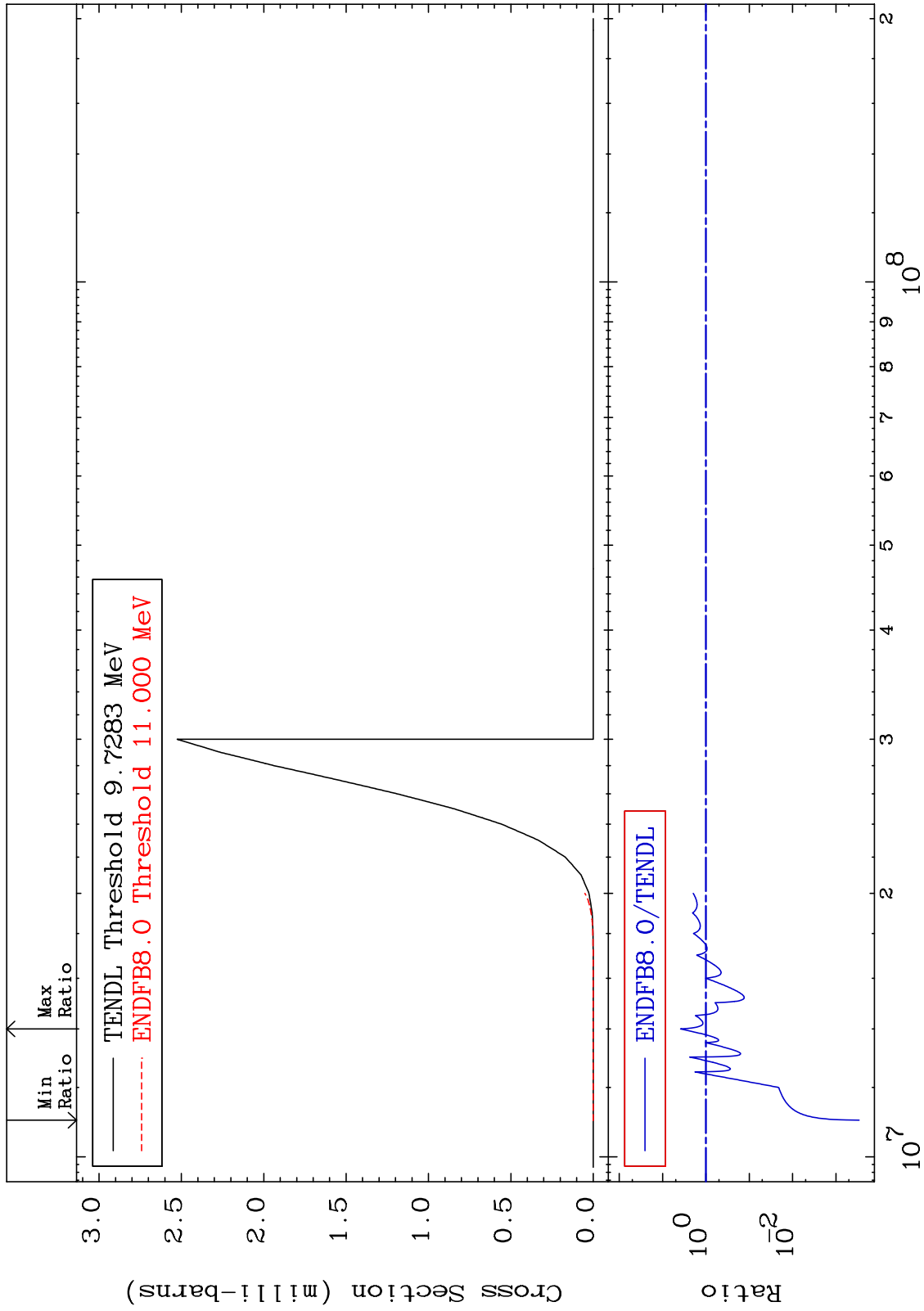
MAT 3434

(n, He-3)

34-Se-77

Cross Section

-99.97 To 284.1 %



34-Se-77

42

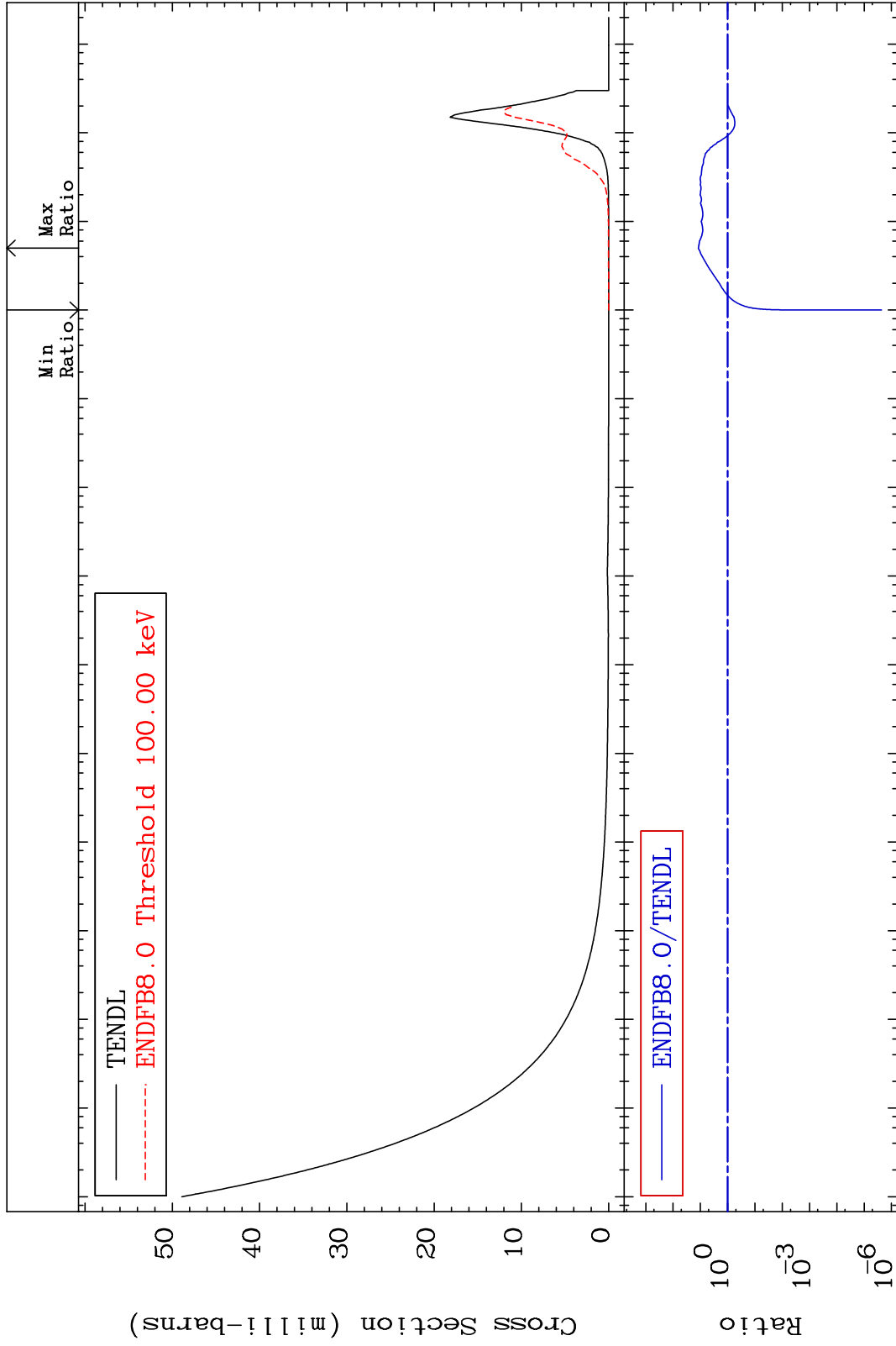
MAT 3434

(n, α)

³⁴Se-77

Cross Section

-100.0 To 1085. %



Incident Energy (eV) ³⁴Se-77

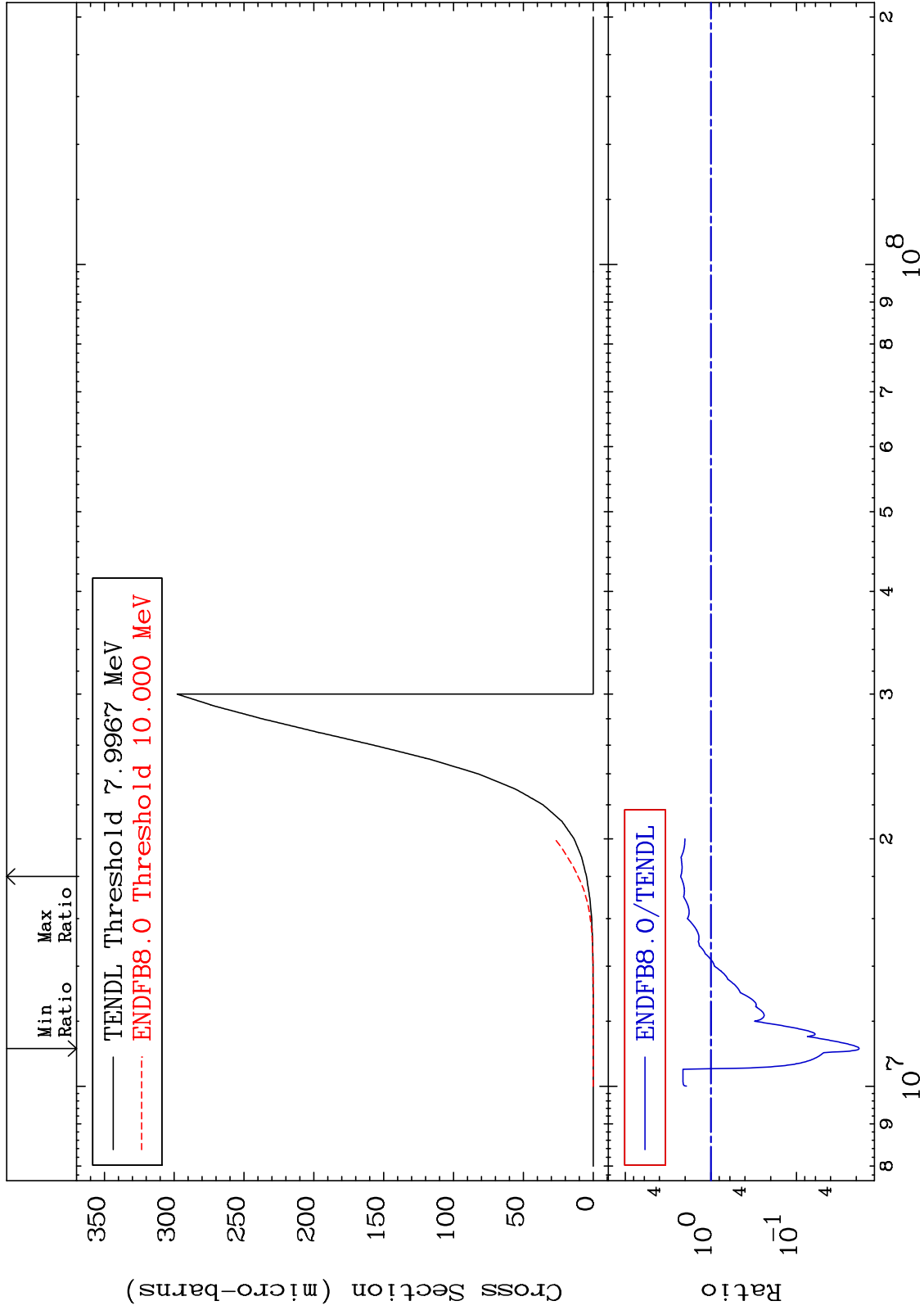
MAT 3434

(n,2p)

³⁴Se-77

Cross Section

-98.15 To 125.7 %



44

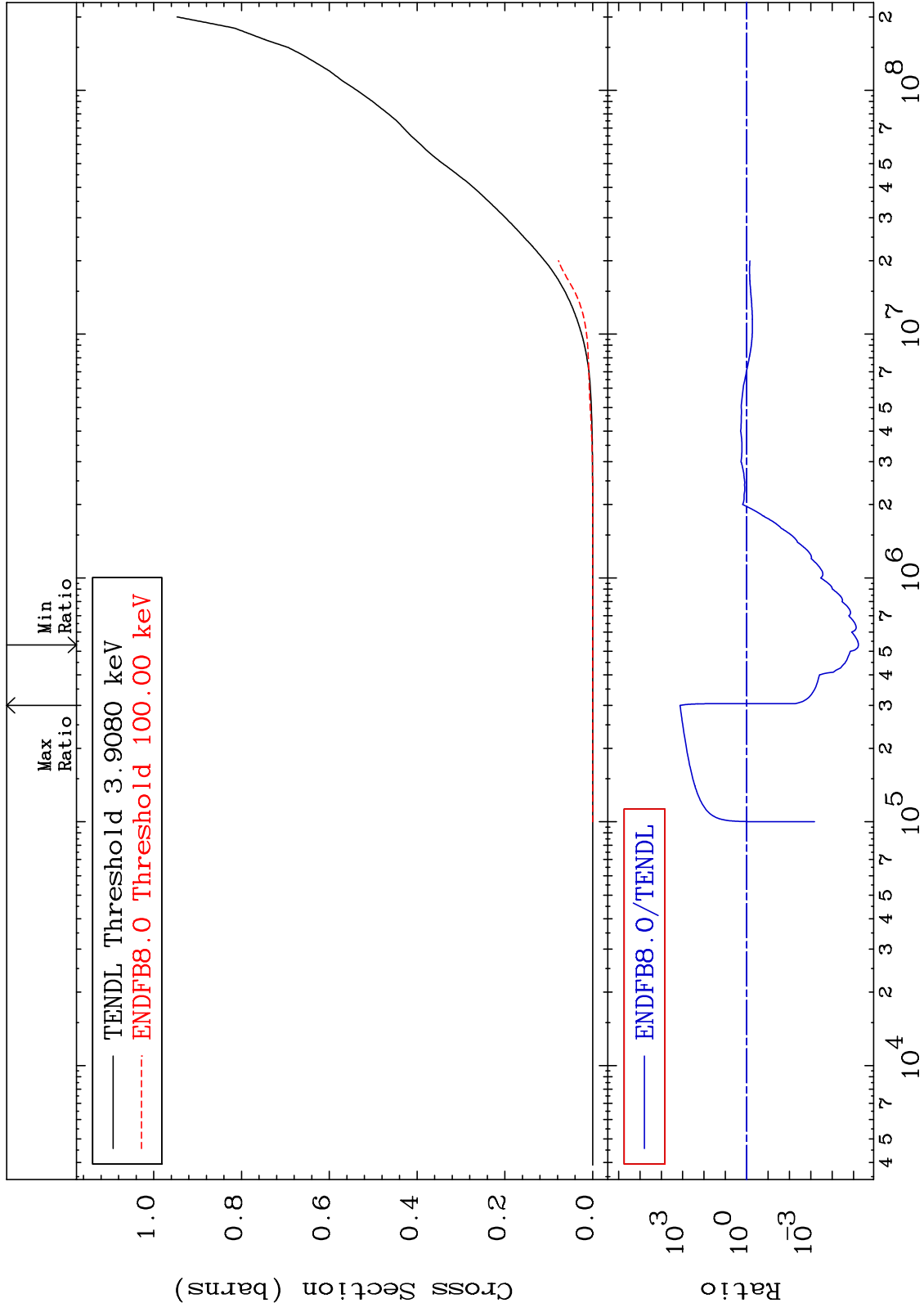
Incident Energy (eV)

³⁴Se-77

MAT 3434

Hydrogen Production
Cross Section

³⁴Se-77
-100.0 To 9999. %



45

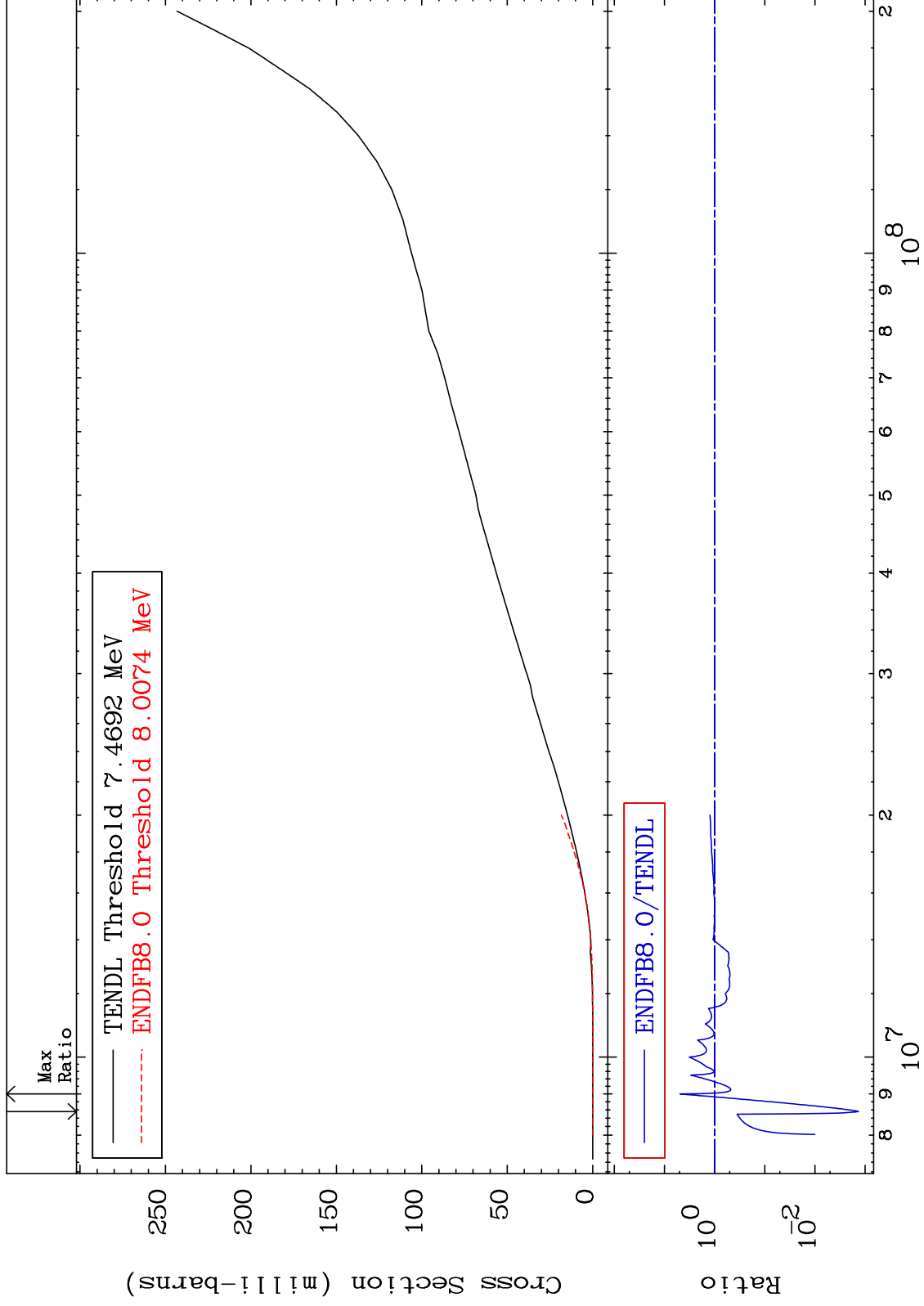
Incident Energy (eV)

³⁴Se-77

MAT 3434

Deuterium Production
Cross Section

³⁴Se-77
-99.86 To 390.4 %



46

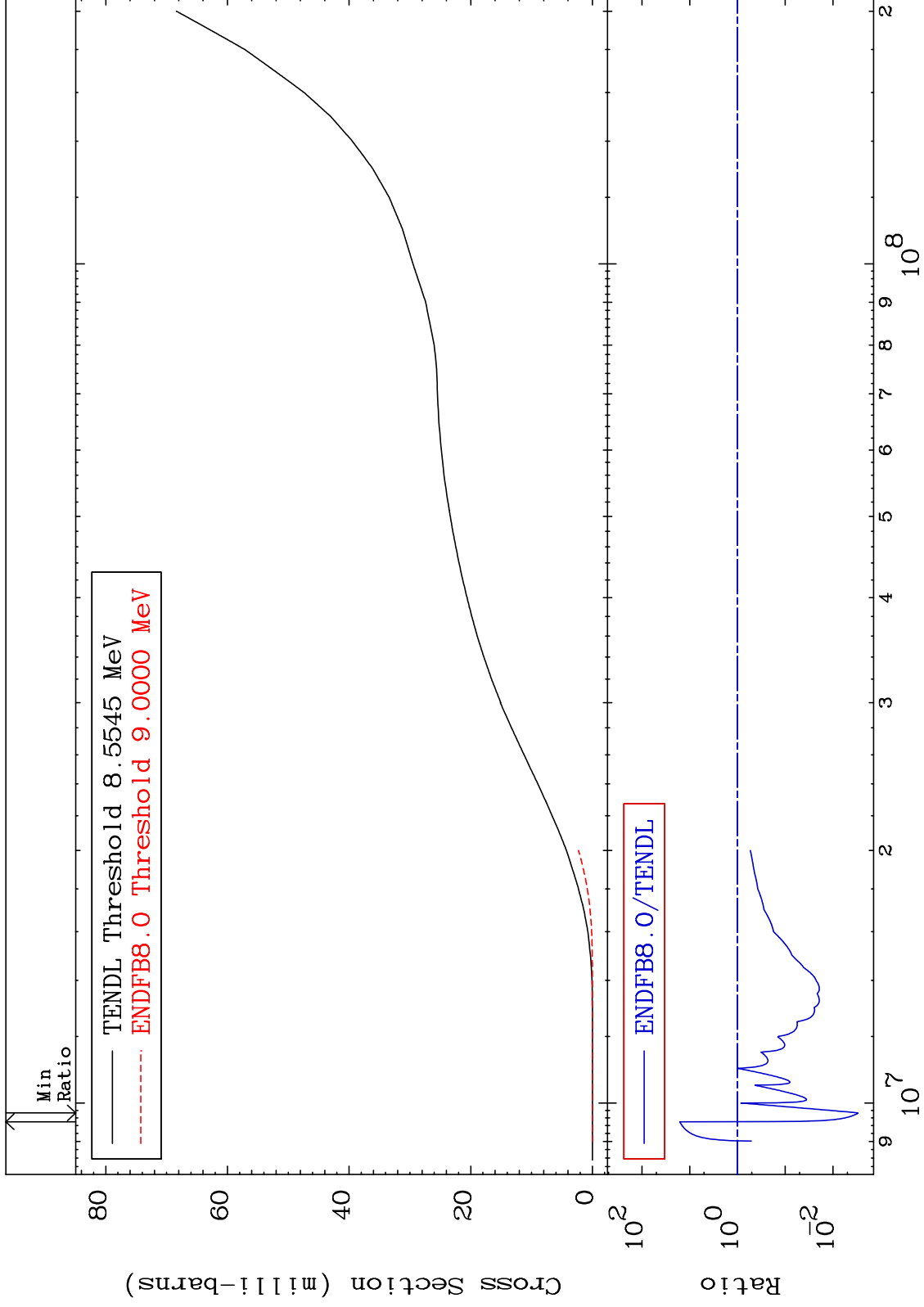
Incident Energy (eV)

³⁴Se-77

MAT 3434

Tritium Production
Cross Section

³⁴Se-77
-99.70 To 1510. %



47

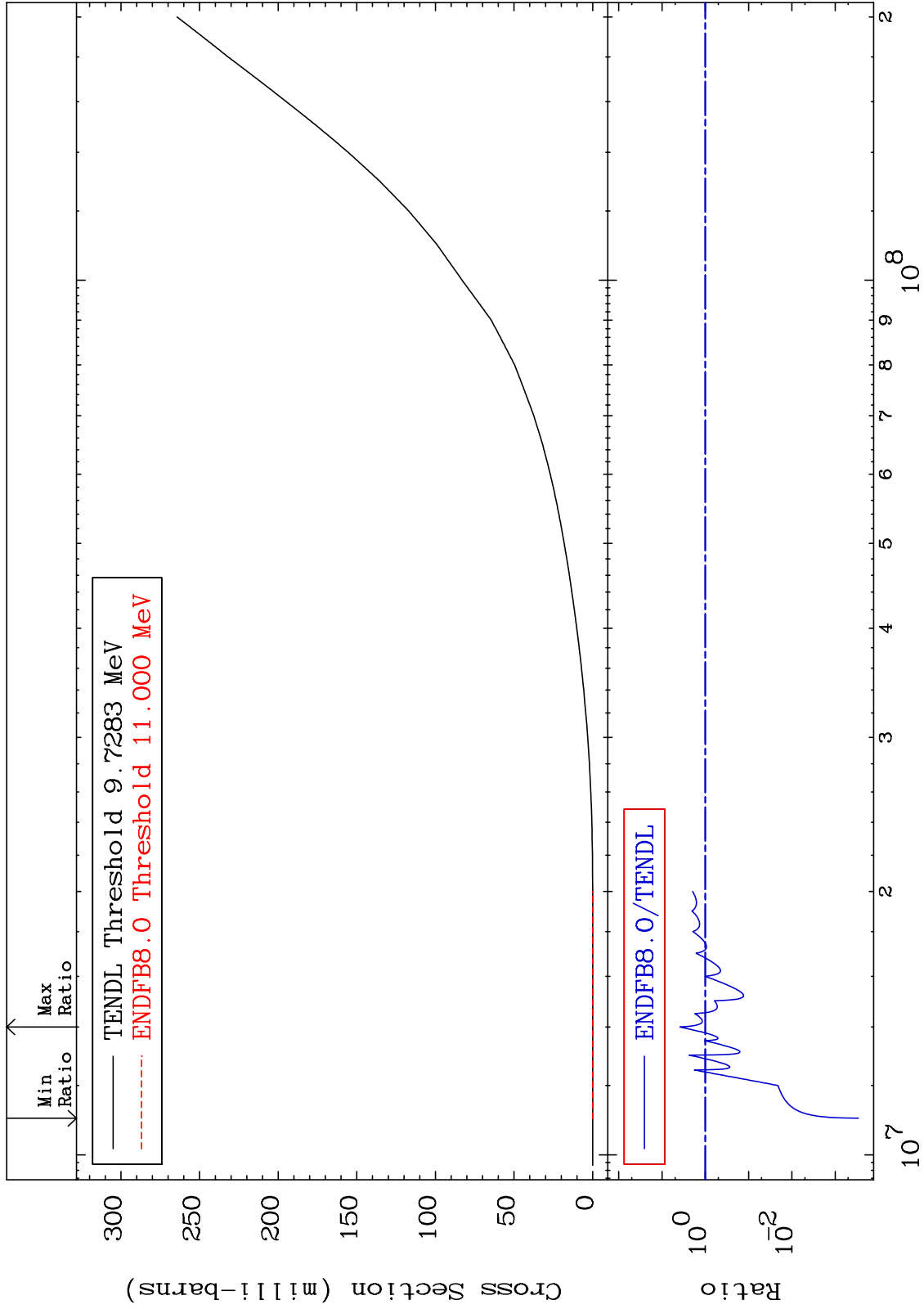
Incident Energy (eV)

³⁴Se-77

MAT 3434

He-3 Production
Cross Section

34-Se-77
-99.97 To 284.1 %



Incident Energy (eV)

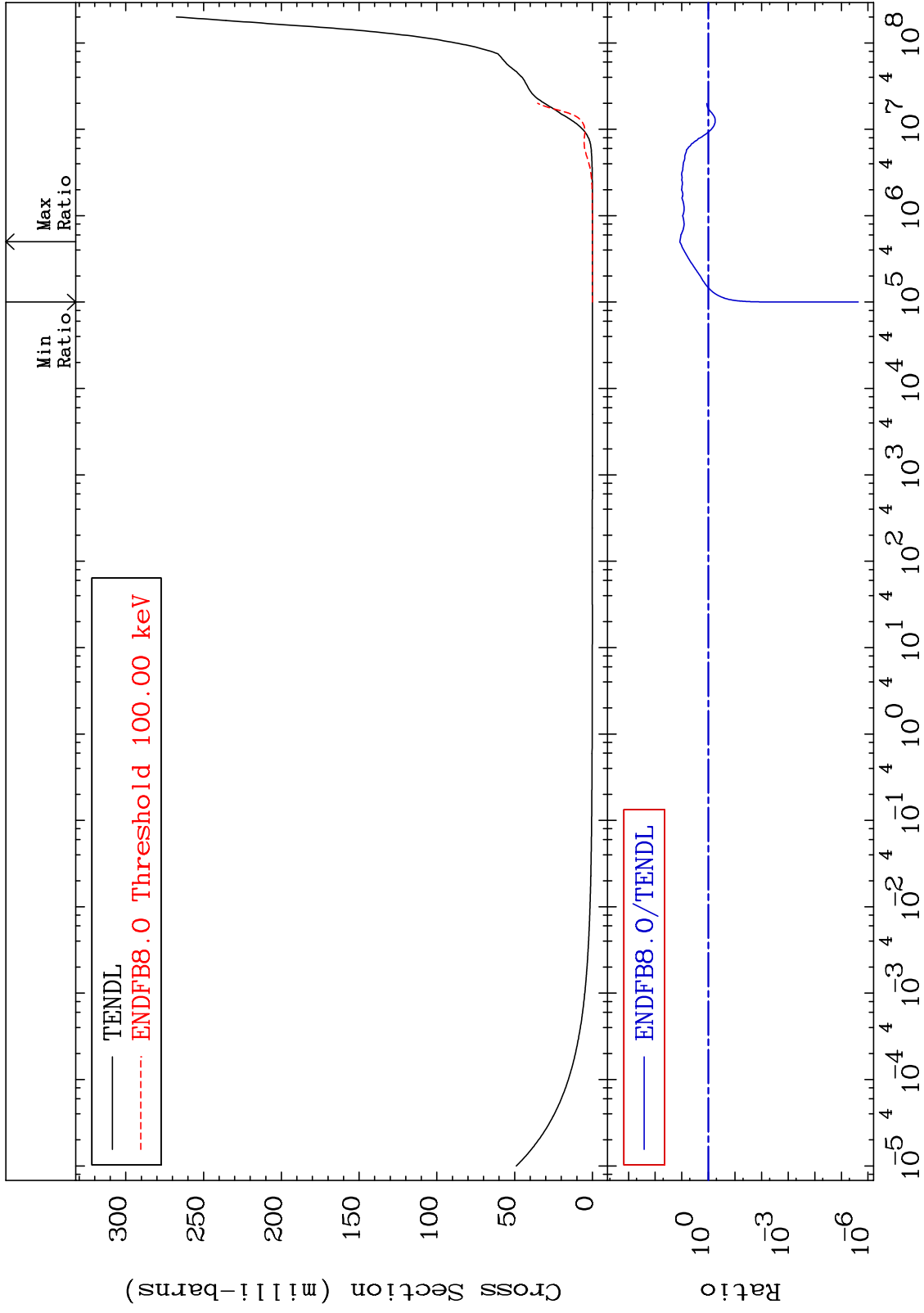
34-Se-77

48

MAT 3434

He-4 Production
Cross Section

34-Se-77
-100.0 To 1085. %



49

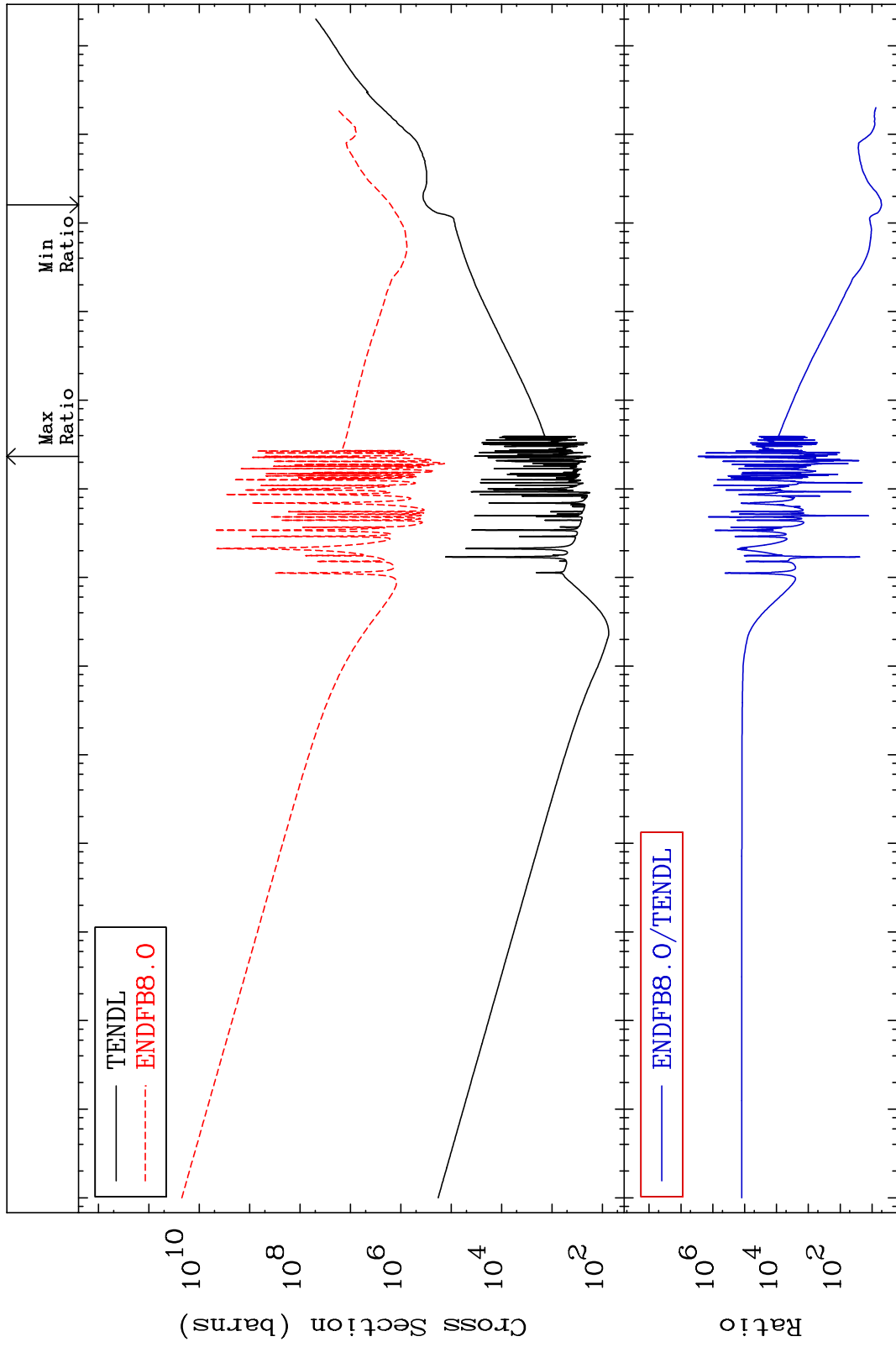
Incident Energy (eV)

34-Se-77

MAT 3434

Kerma total (eV-barns)
Cross Section

34-Se-77
403.8 To 9999. %



50

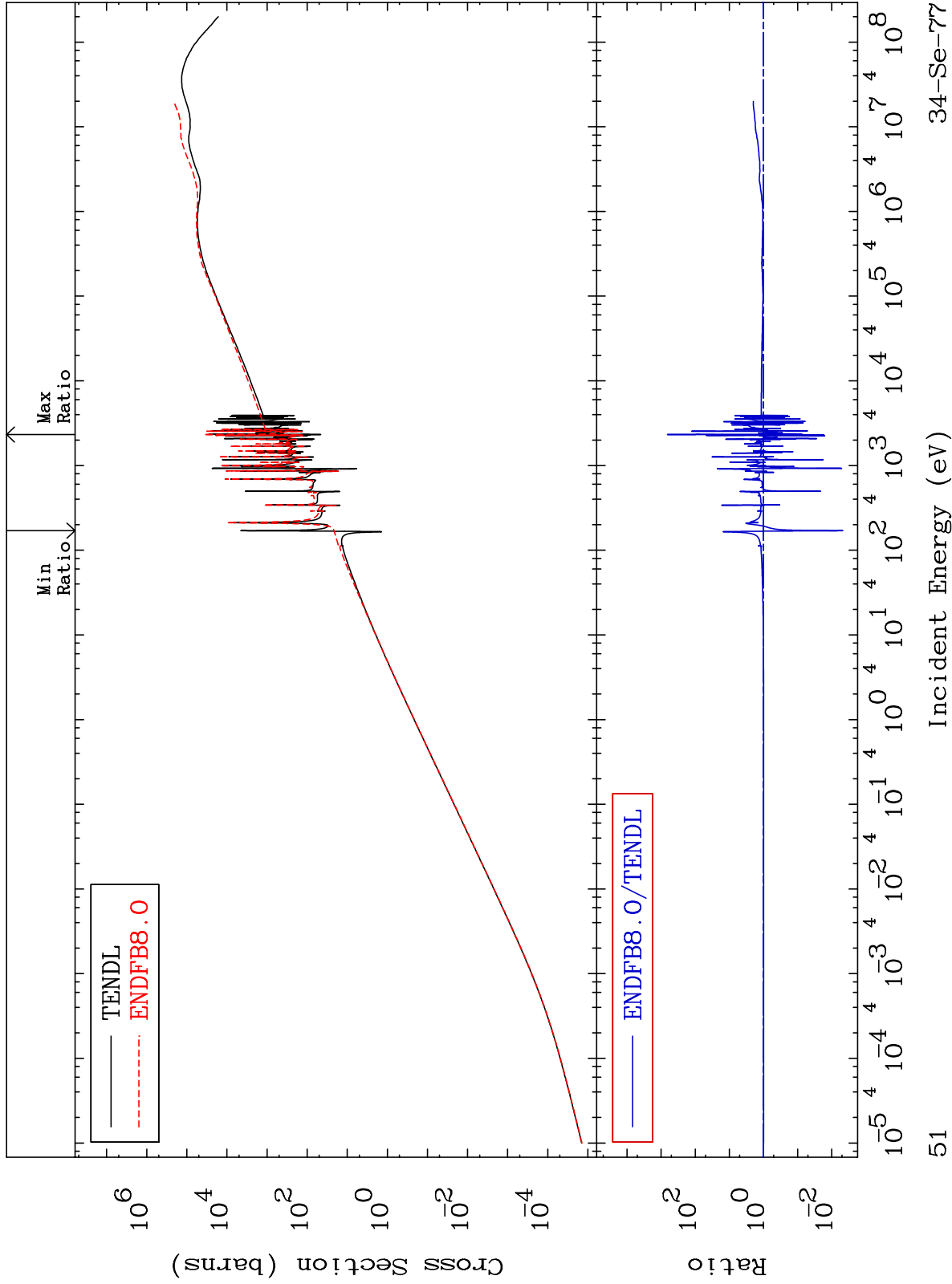
Incident Energy (eV)

34-Se-77

MAT 3434

Kerma elastic
Cross Section

34-Se-77
-99.52 To 9999. %



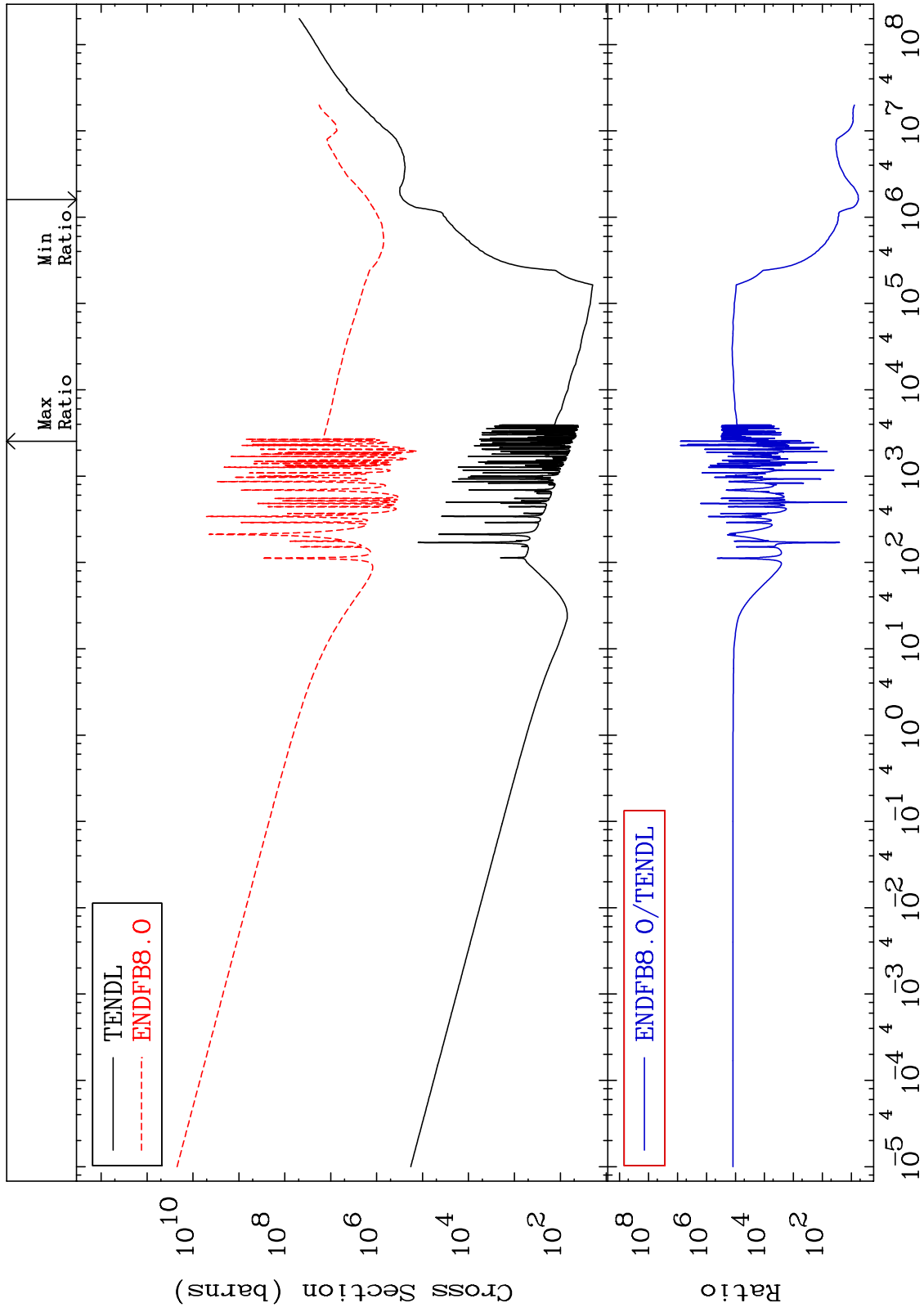
51

34-Se-77

MAT 3434

Kerma non-elastic (all but mt2)
Cross Section

34-Se-77
472.2 To 9999. %



52

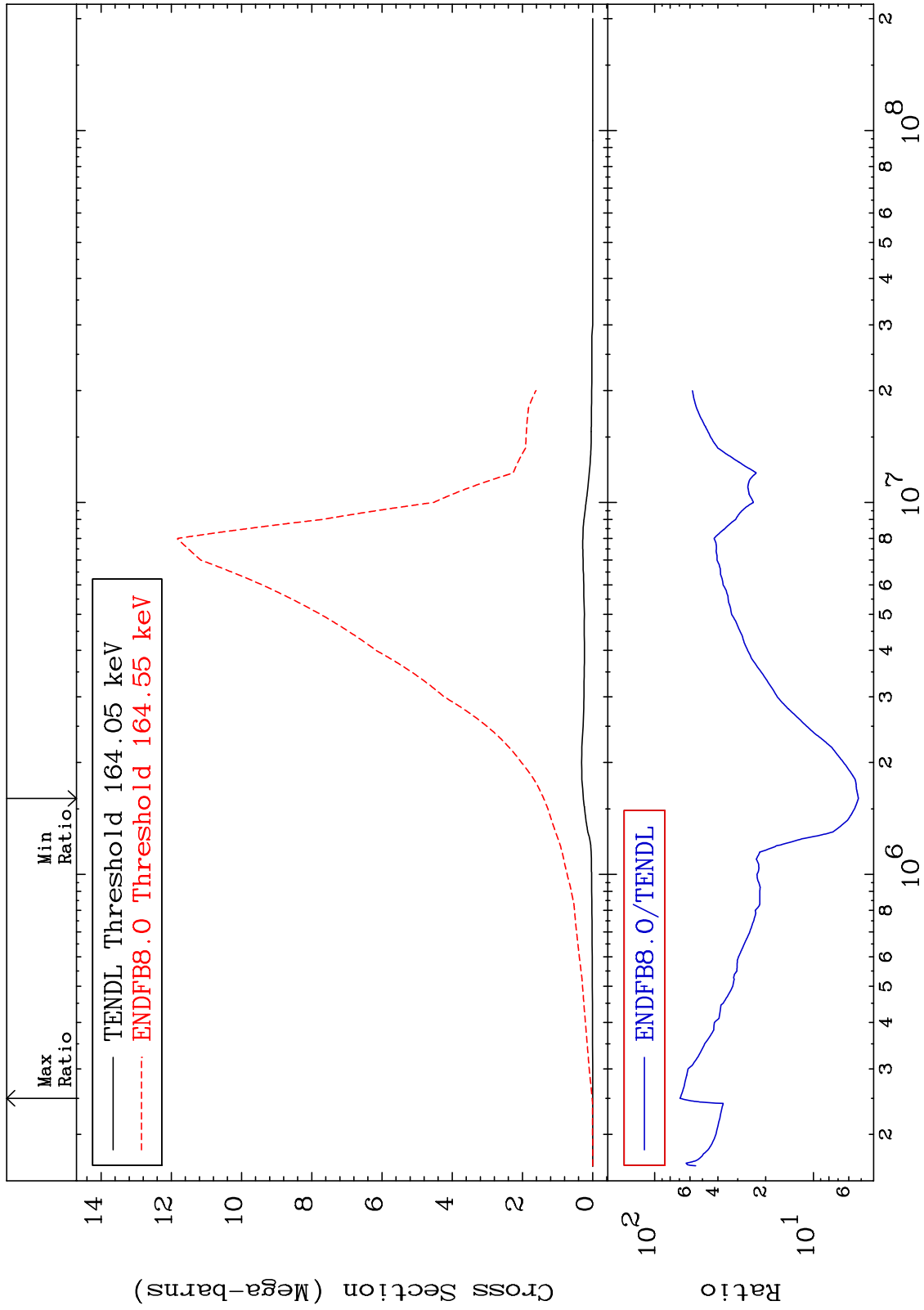
Incident Energy (eV)

34-Se-77

MAT 3434

Kerma inelastic (mt51-91)
Cross Section

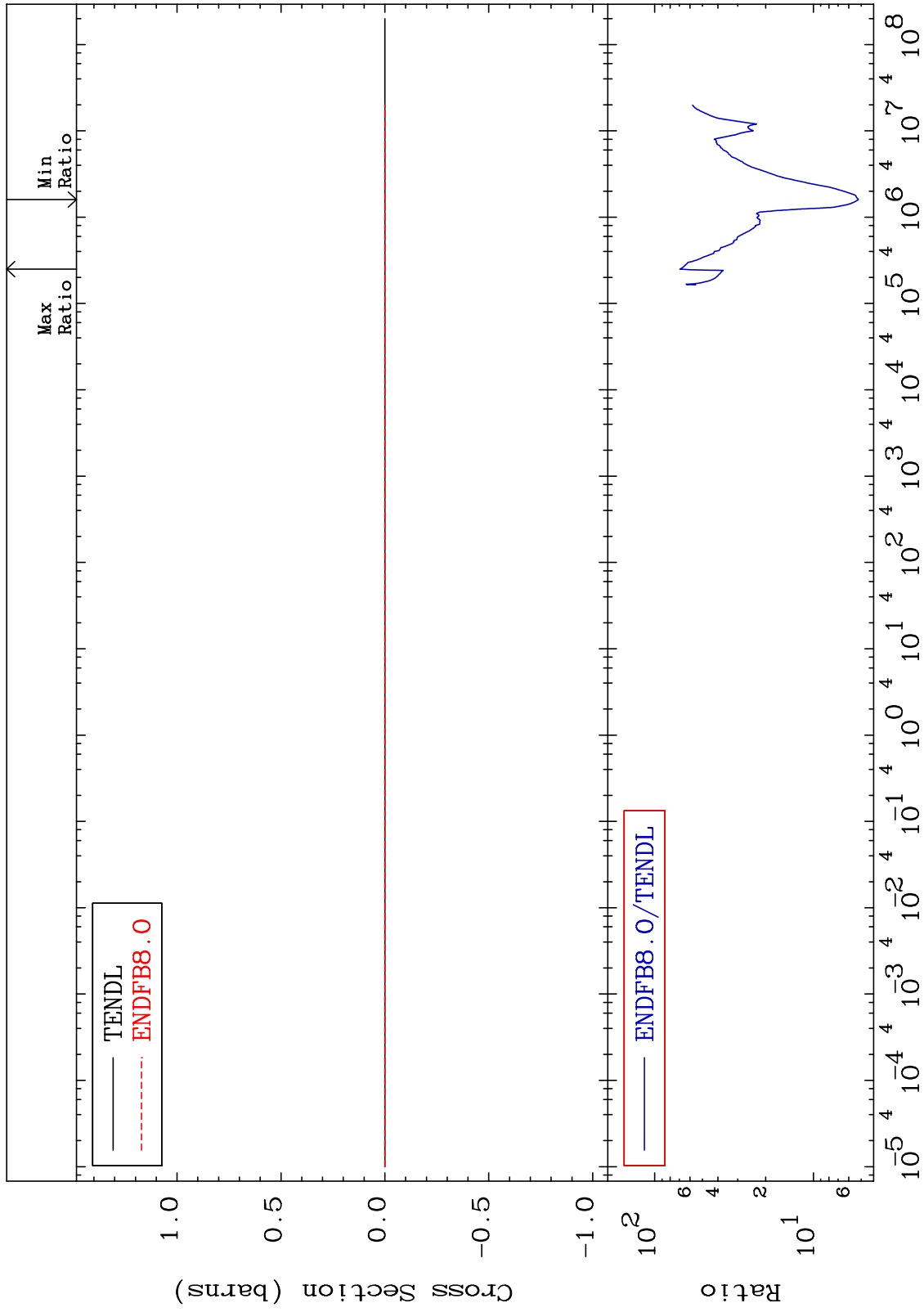
34-Se-77
421.0 To 6830. %



MAT 3434

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

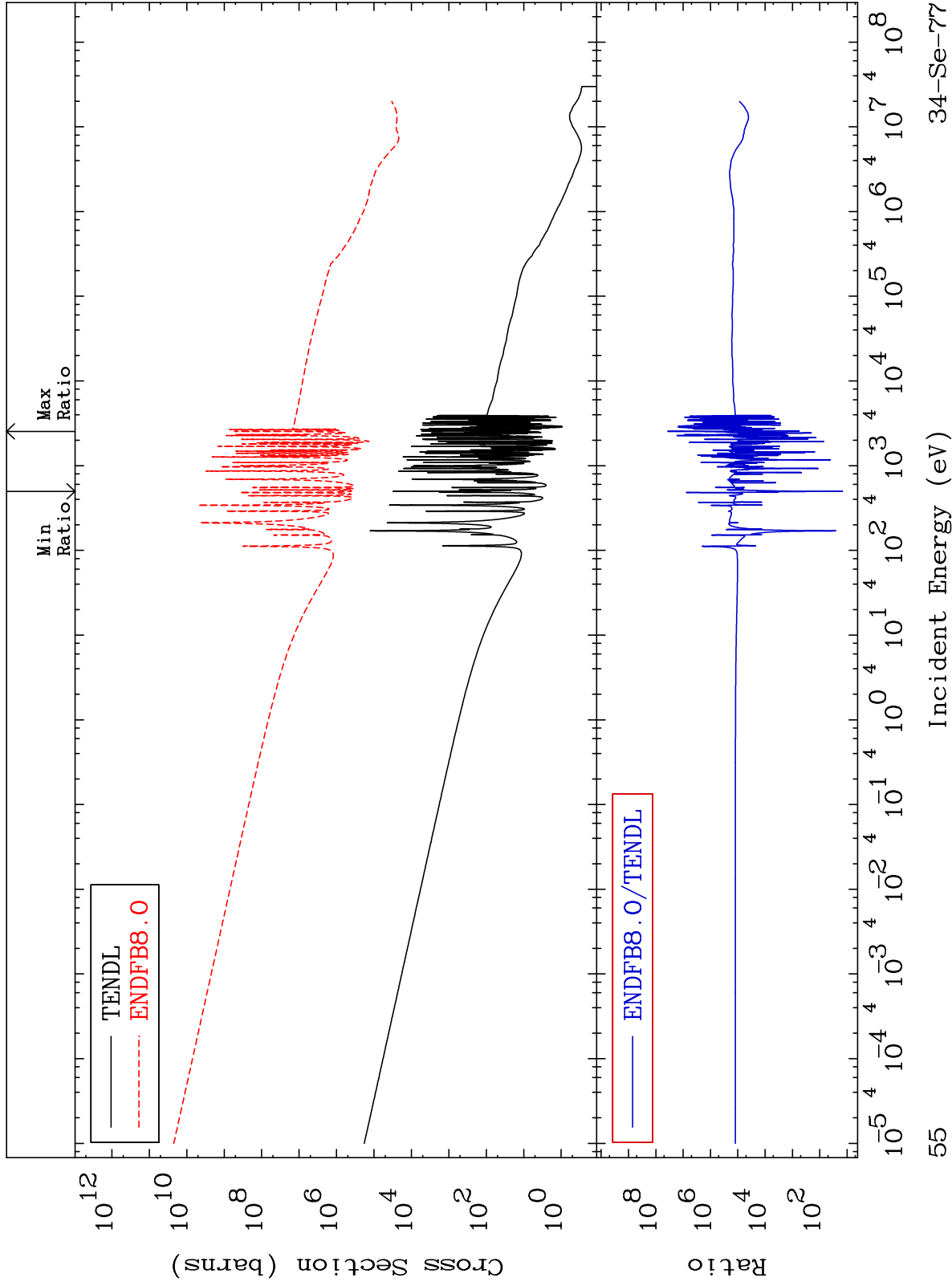
34-Se-77
421.0 To 6830. %



MAT 3434

Kerma capture (mt102)
Cross Section

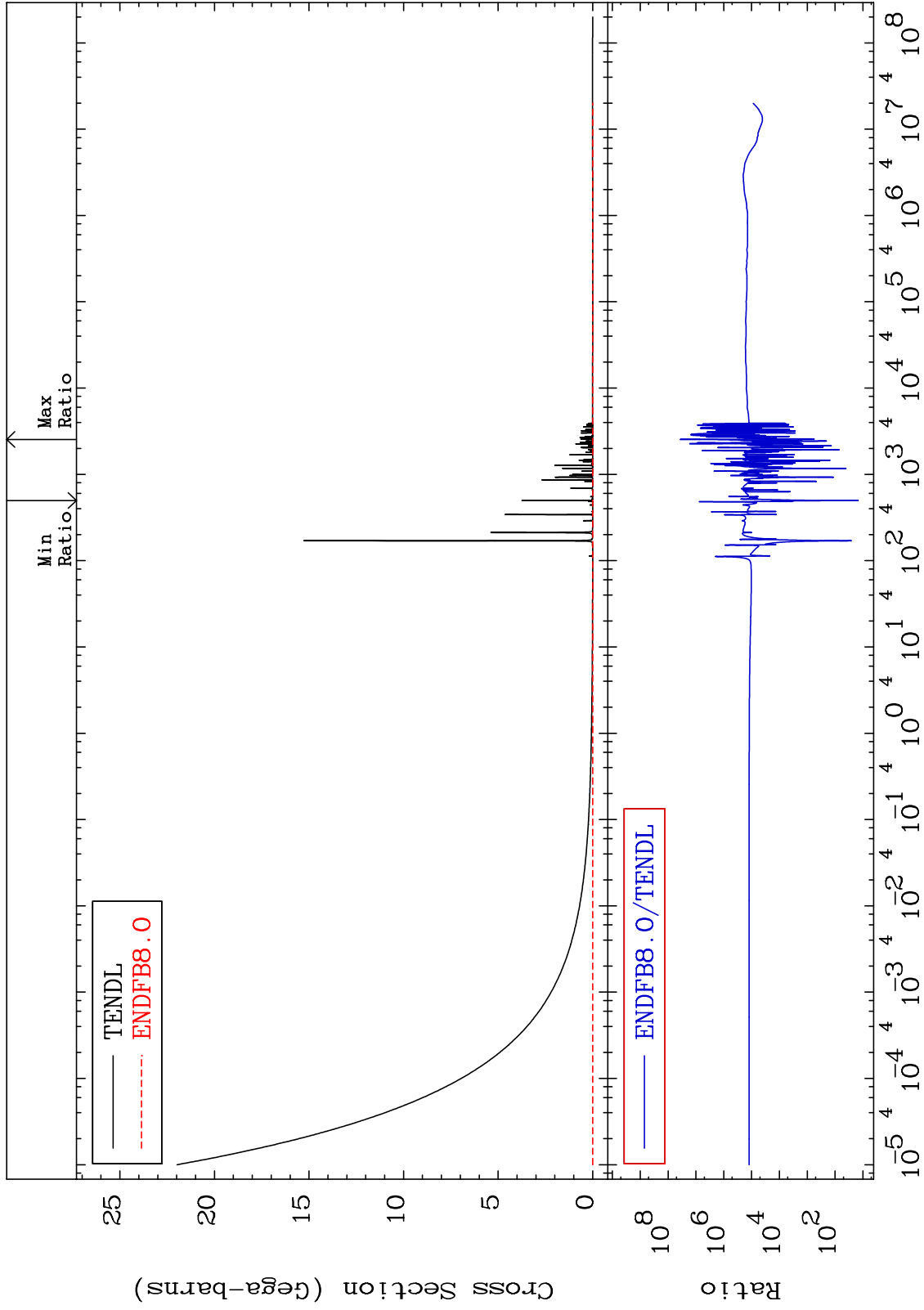
34-Se-77
1351. To 9999. %



MAT 3434

Total photon (eV-barns)
Cross Section

34-Se-77
1351. To 9999. %



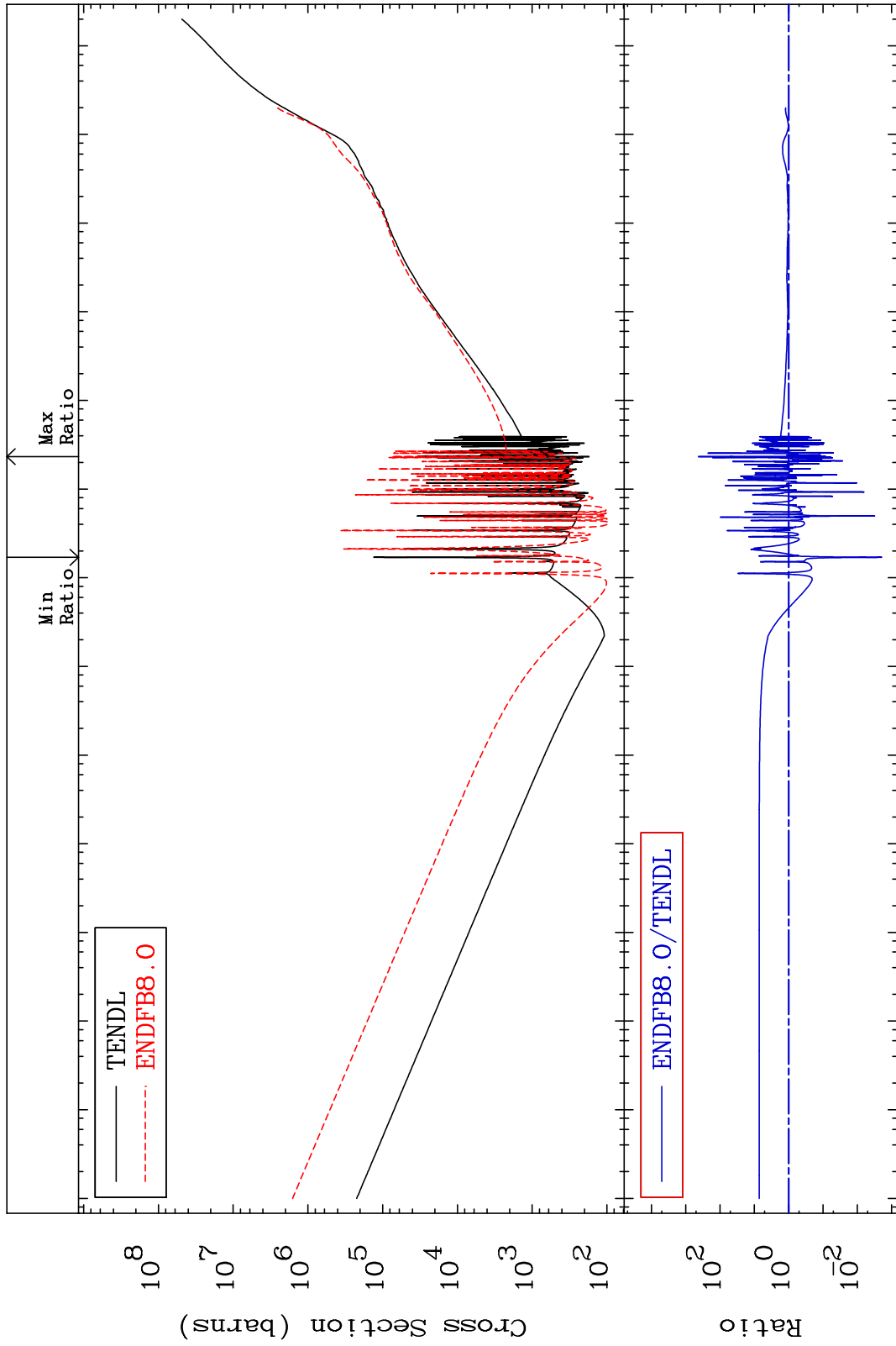
MAT 3434

Total kinematic kerma (high limit)

34-Se-77

-99.80 To 9999. %

Cross Section



57

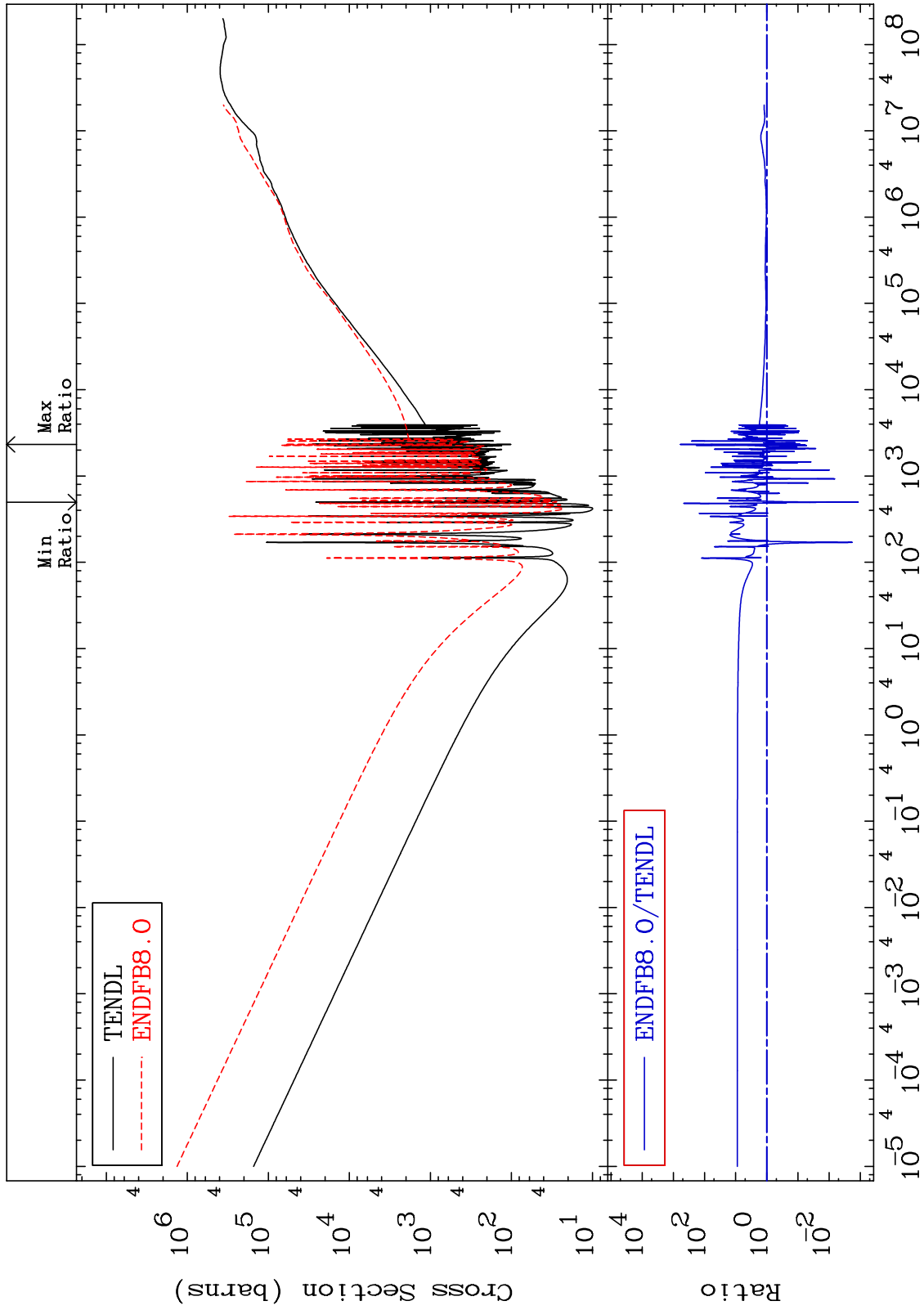
Incident Energy (eV)

34-Se-77

MAT 3434

Dpa total (eV-barns)
Cross Section

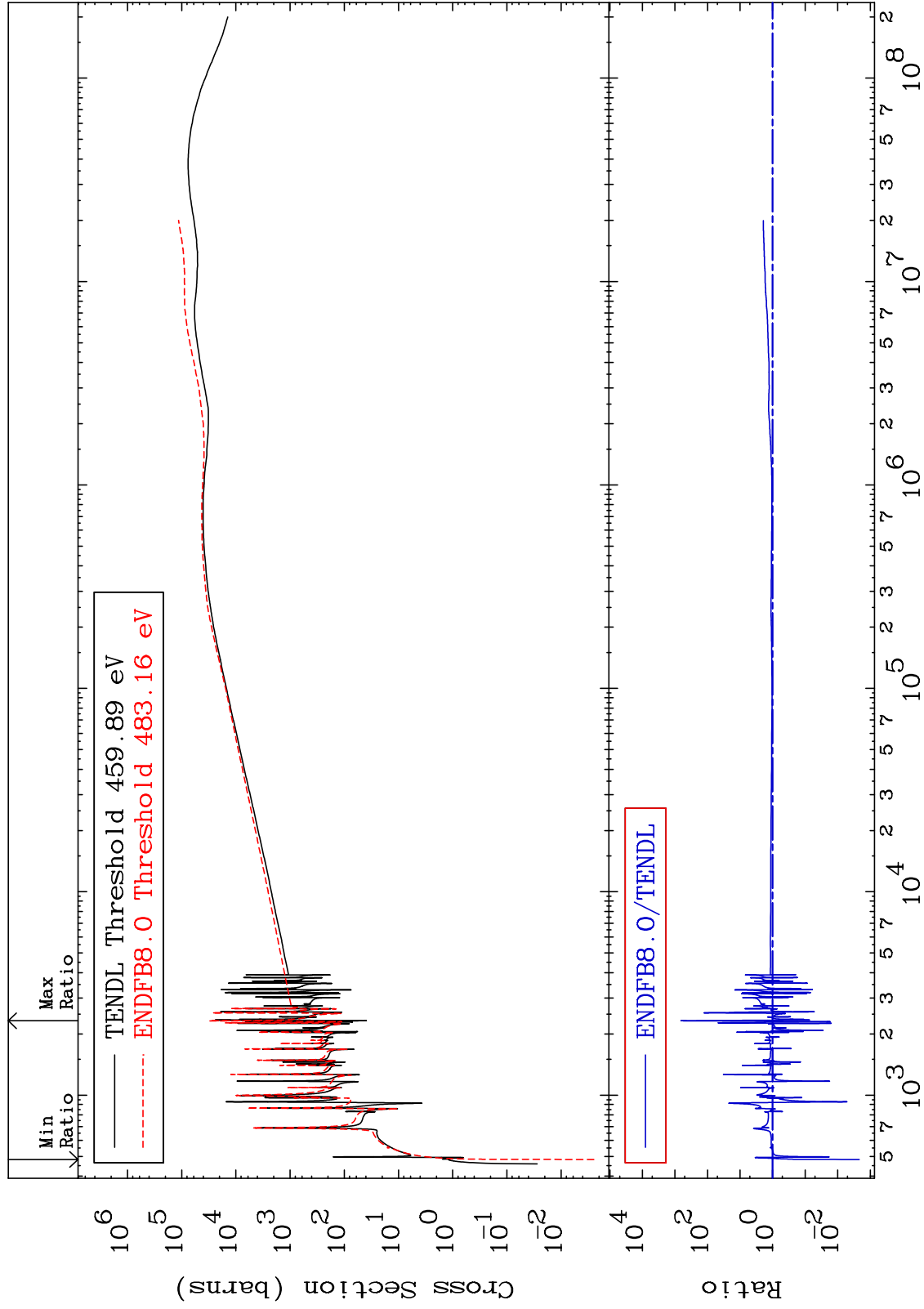
34-Se-77
-99.88 To 9999. %



MAT 3434

Dpa elastic (mt2)
Cross Section

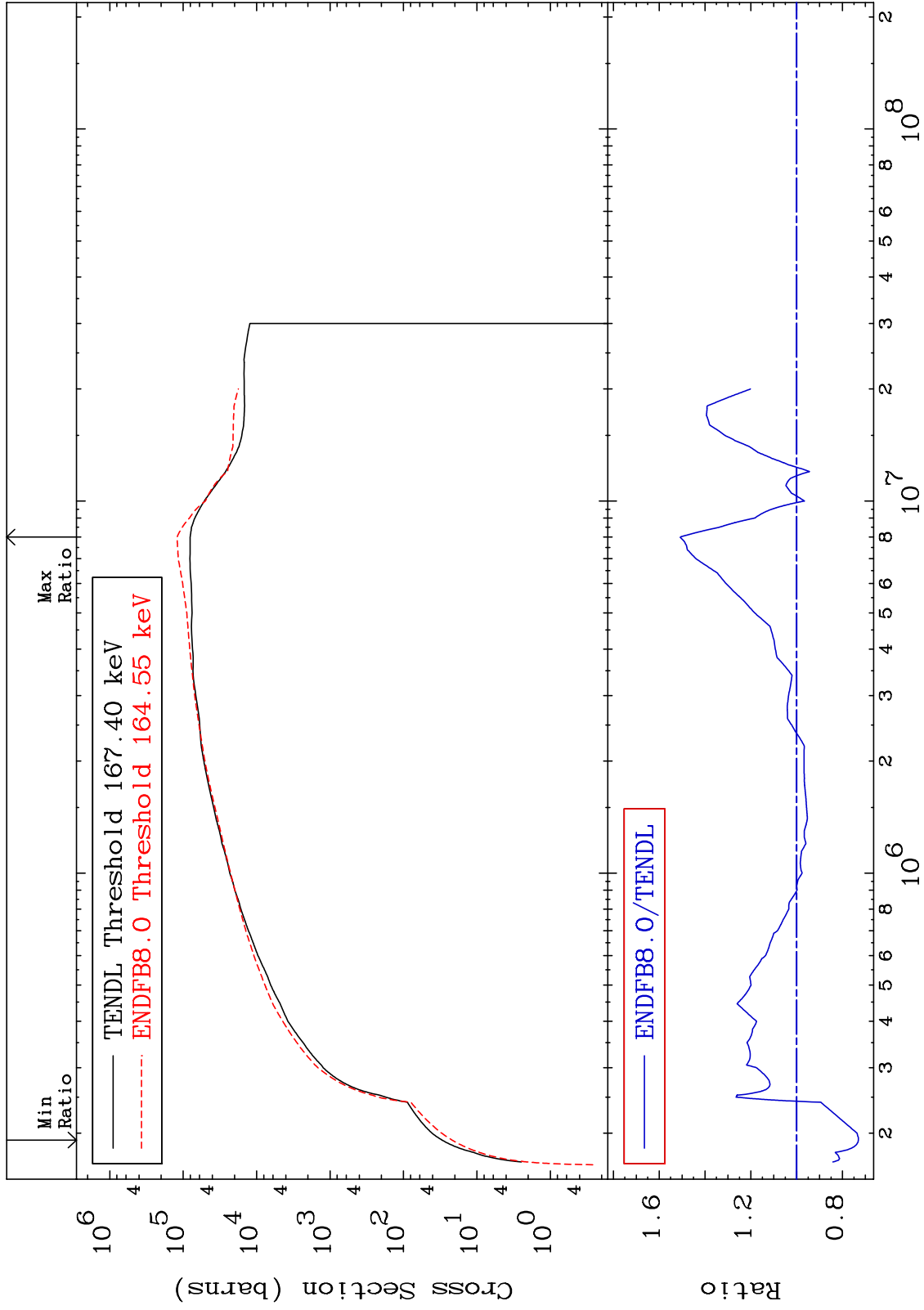
34-Se-77
-99.78 To 9999. %



MAT 3434

Dpa inelastic (mt51-91)
Cross Section

34-Se-77
-26.95 To 50.91 %



60

34-Se-77

MAT 3434

Dpa disappearance (mt102 -120)
Cross Section

34-Se-77
-99.89 To 9999. %

