

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

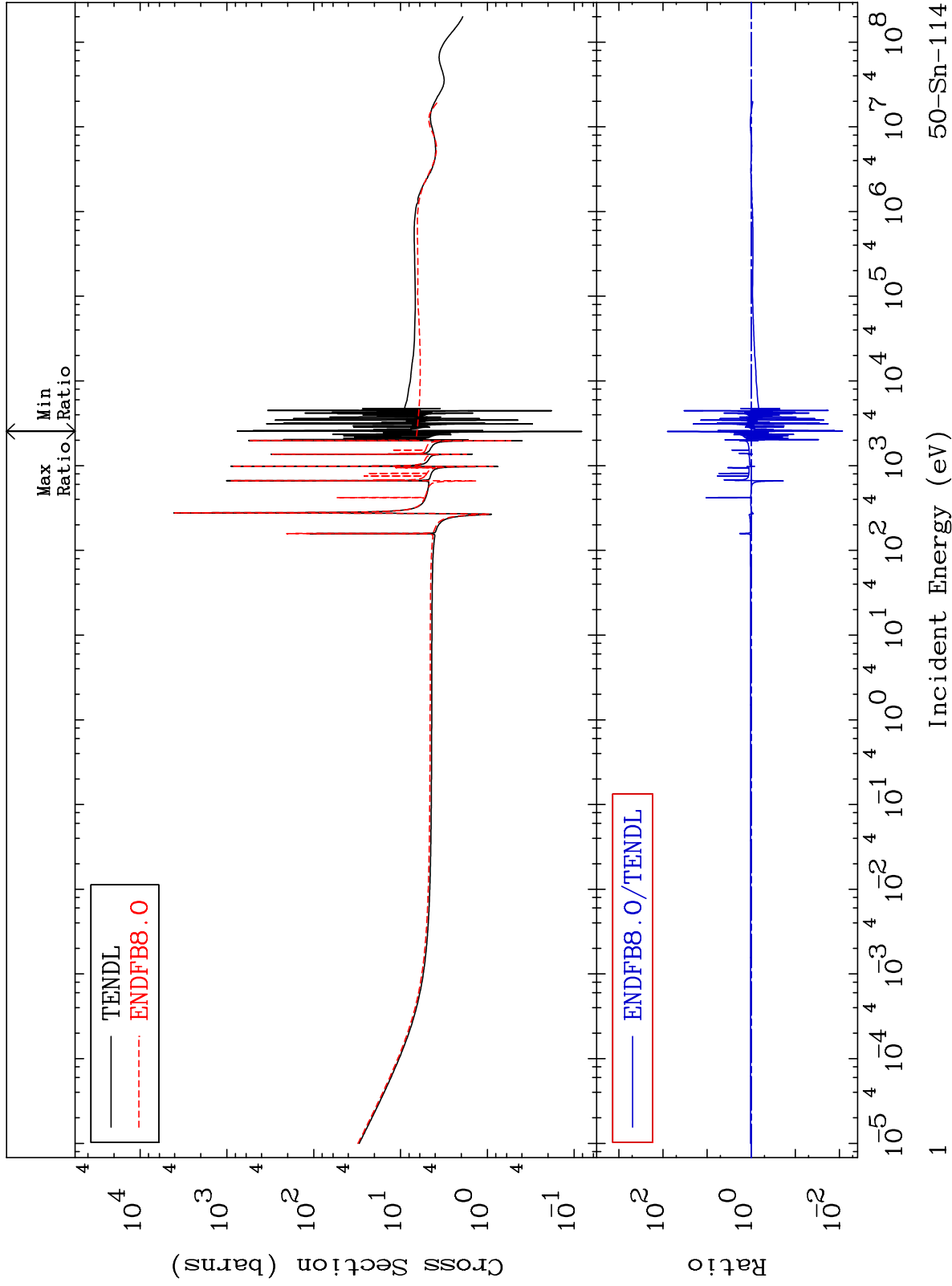
MAT 5031

Total

50-Sn-114

Cross Section

-99.15 To 7809. %



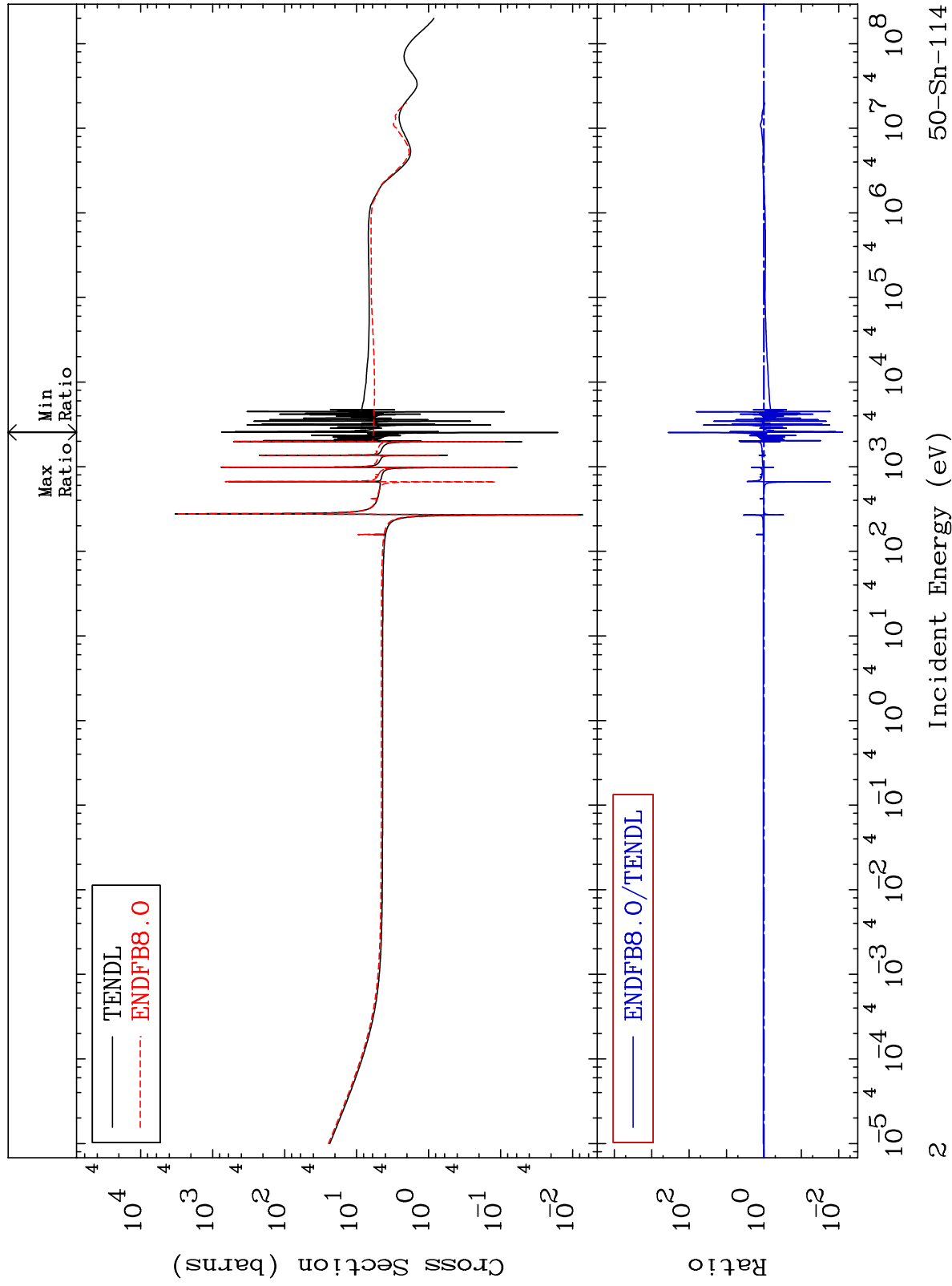
Incident Energy (eV)

50-Sn-114

MAT 5031

Elastic
Cross Section

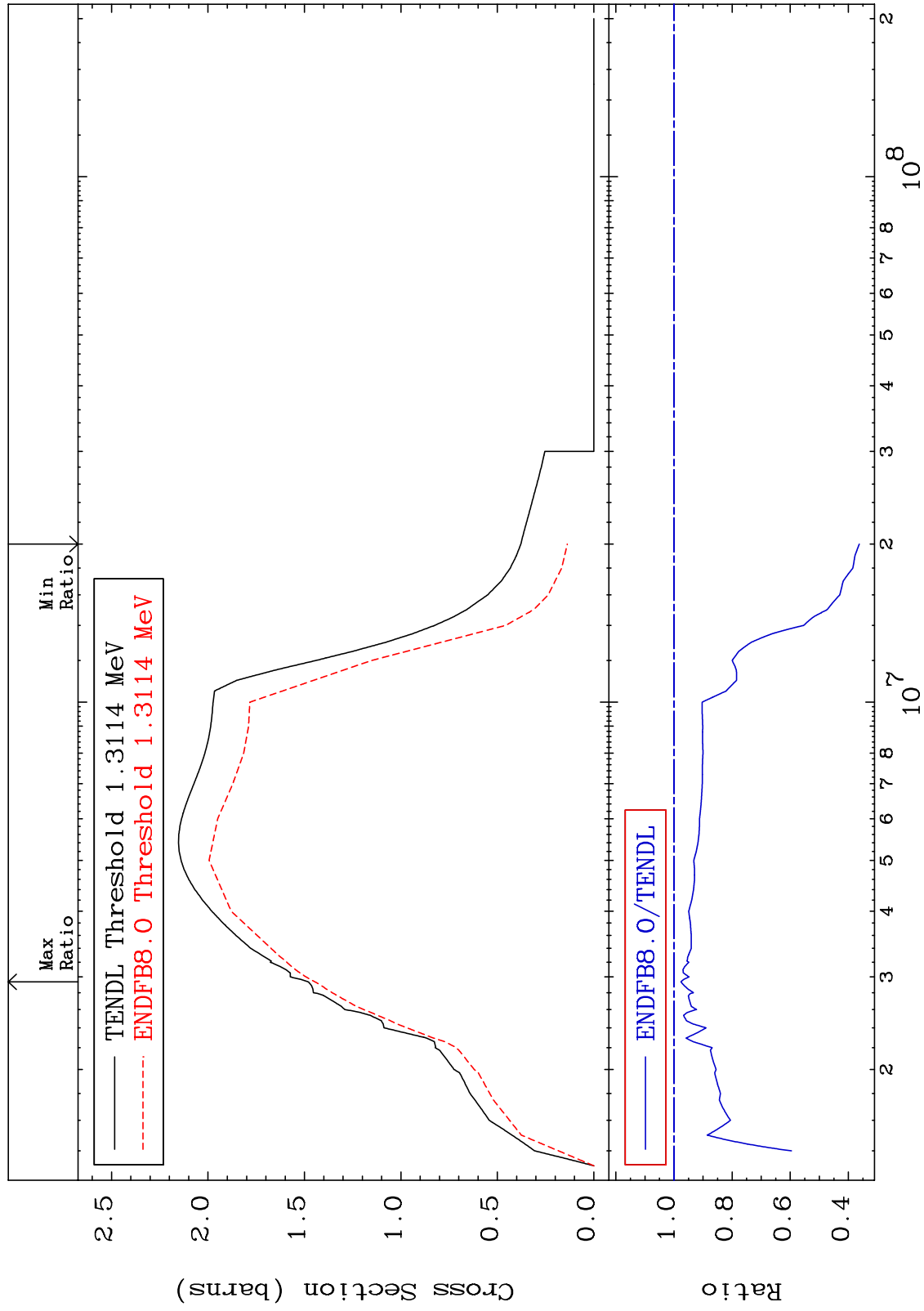
50-Sn-114
-99.22 To 9999. %



MAT 5031

Inelastic
Cross Section

50-Sn-114
-63.75 To -2.428%



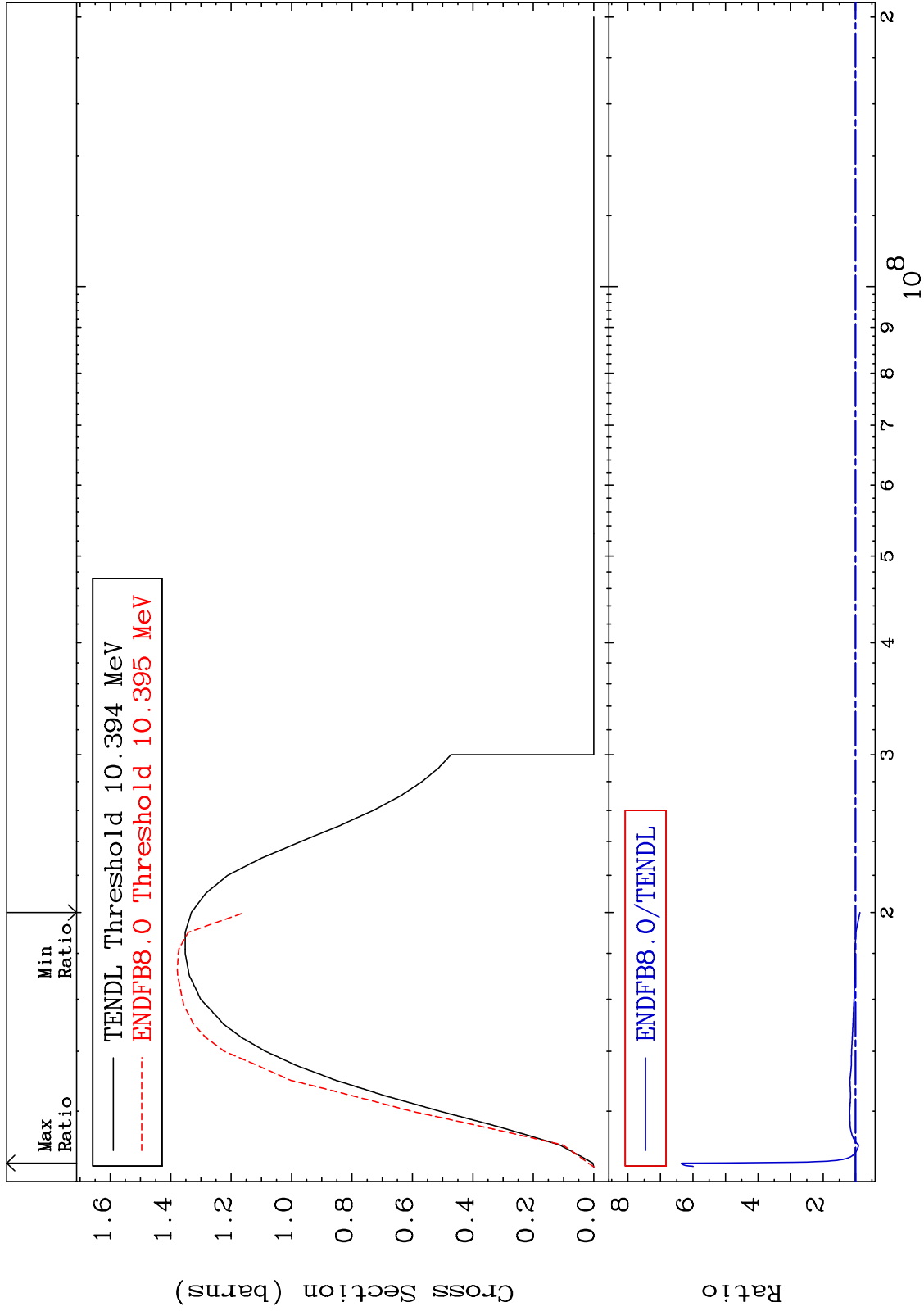
MAT 5031

(n,2n)

50-Sn-114

Cross Section

-13.33 To 536.1 %



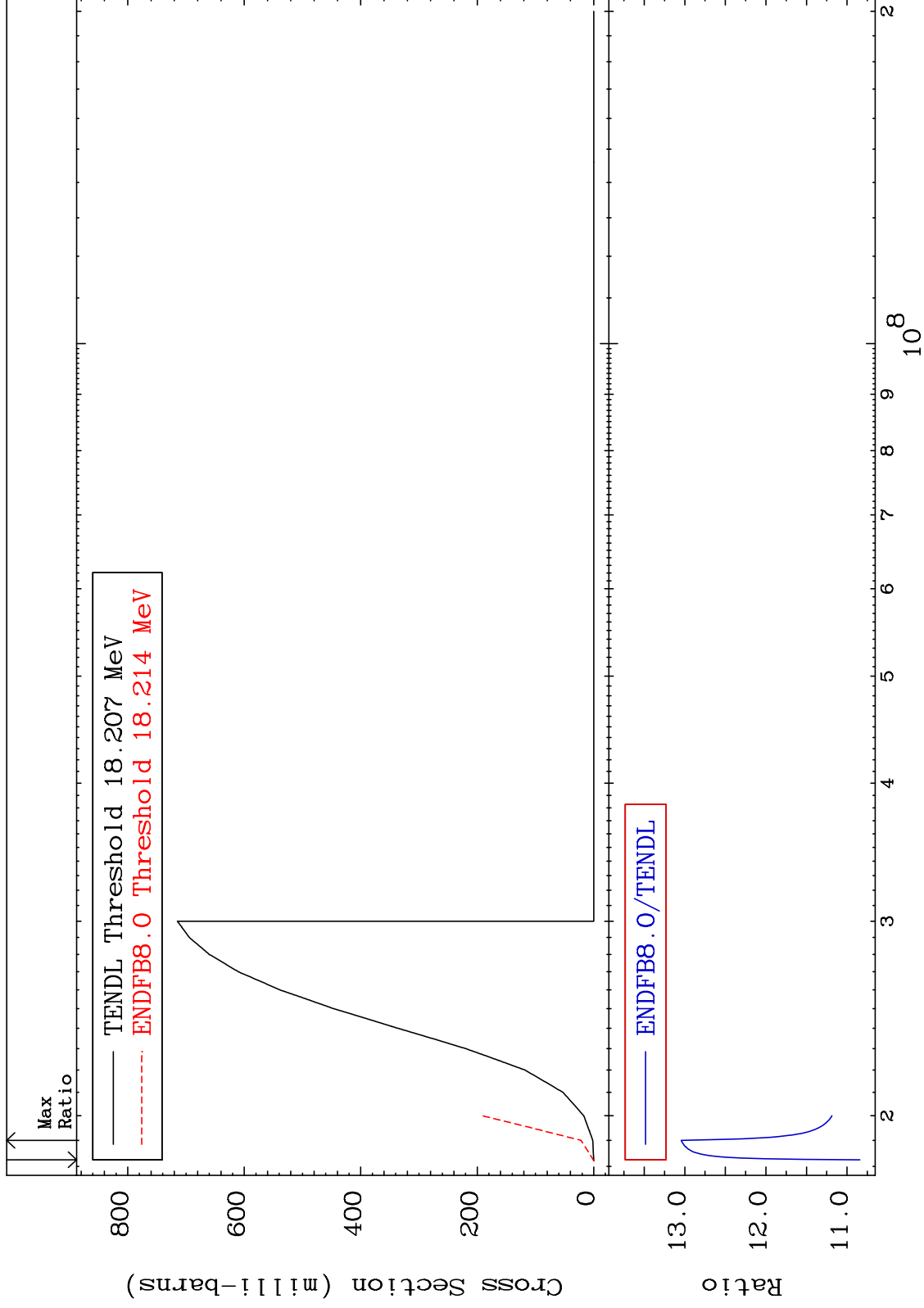
MAT 5031

(n,3n)

50-Sn-114

Cross Section

984.1 To 1204. %



5

50-Sn-114

50-Sn-114

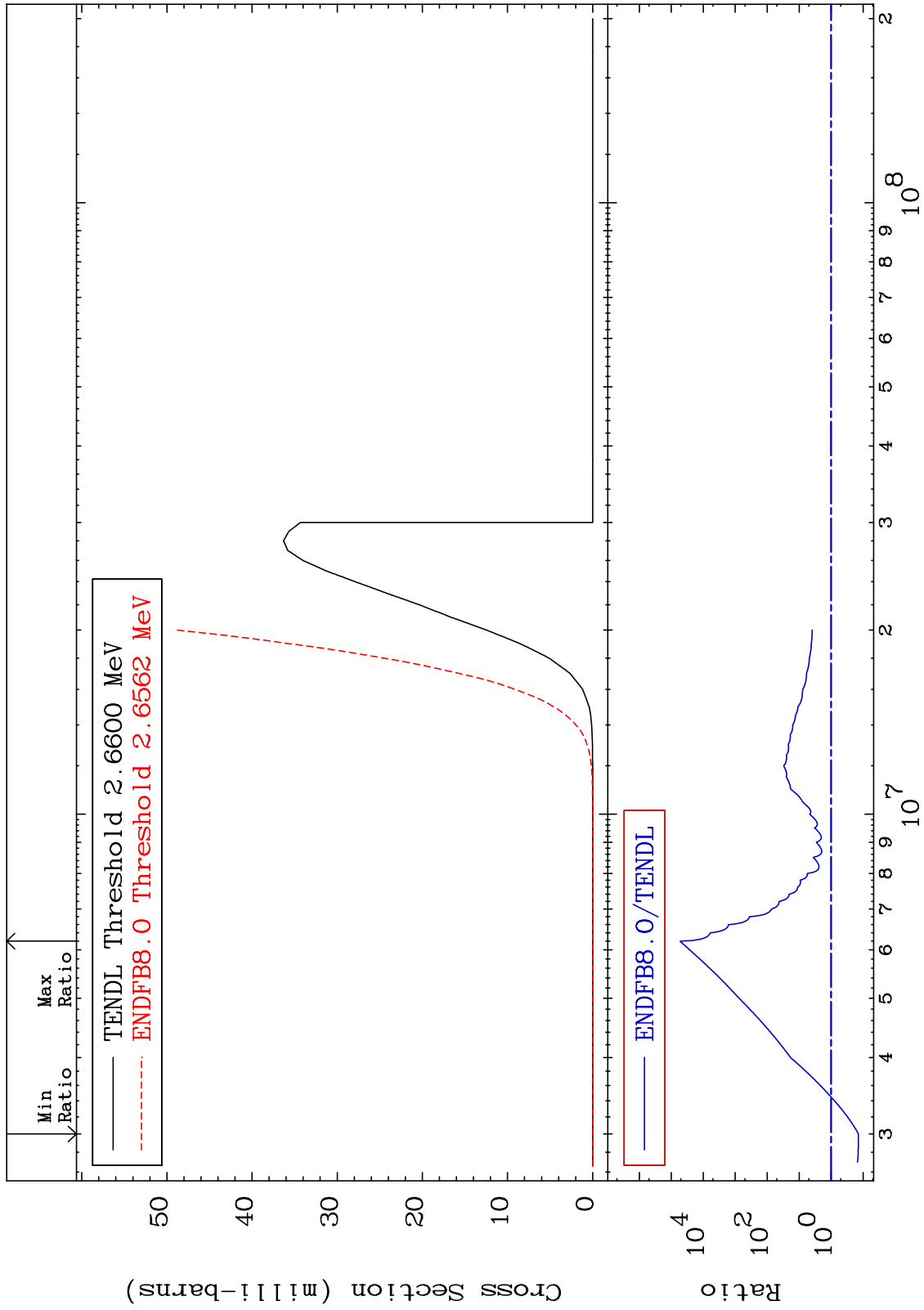
MAT 5031

(n,n') α

50-Sn-114

Cross Section

-85.99 To 9999. %



6

Incident Energy (eV)

50-Sn-114

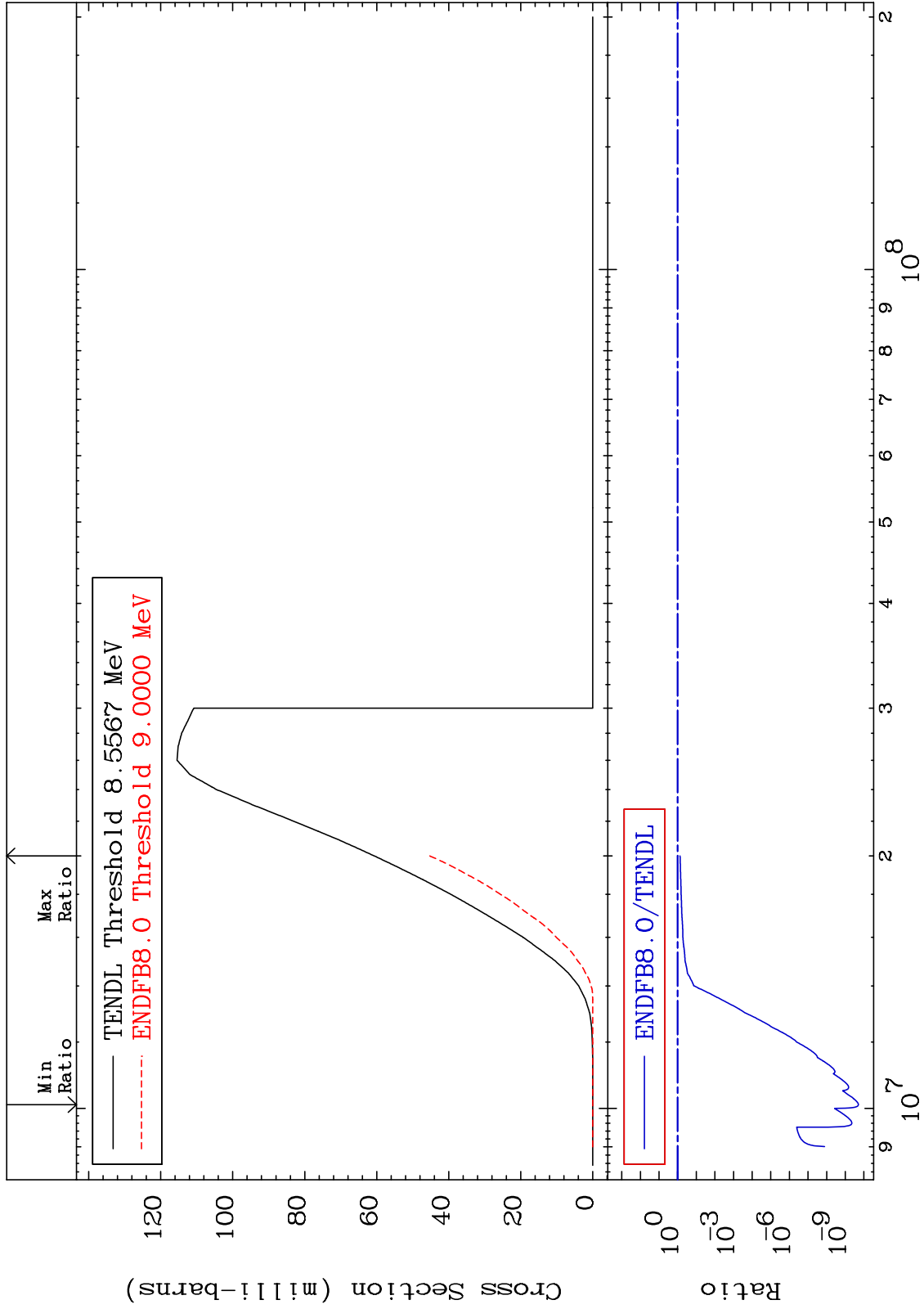
MAT 5031

(n,n') p

50-Sn-114

Cross Section

-100.0 To -25.35%



7

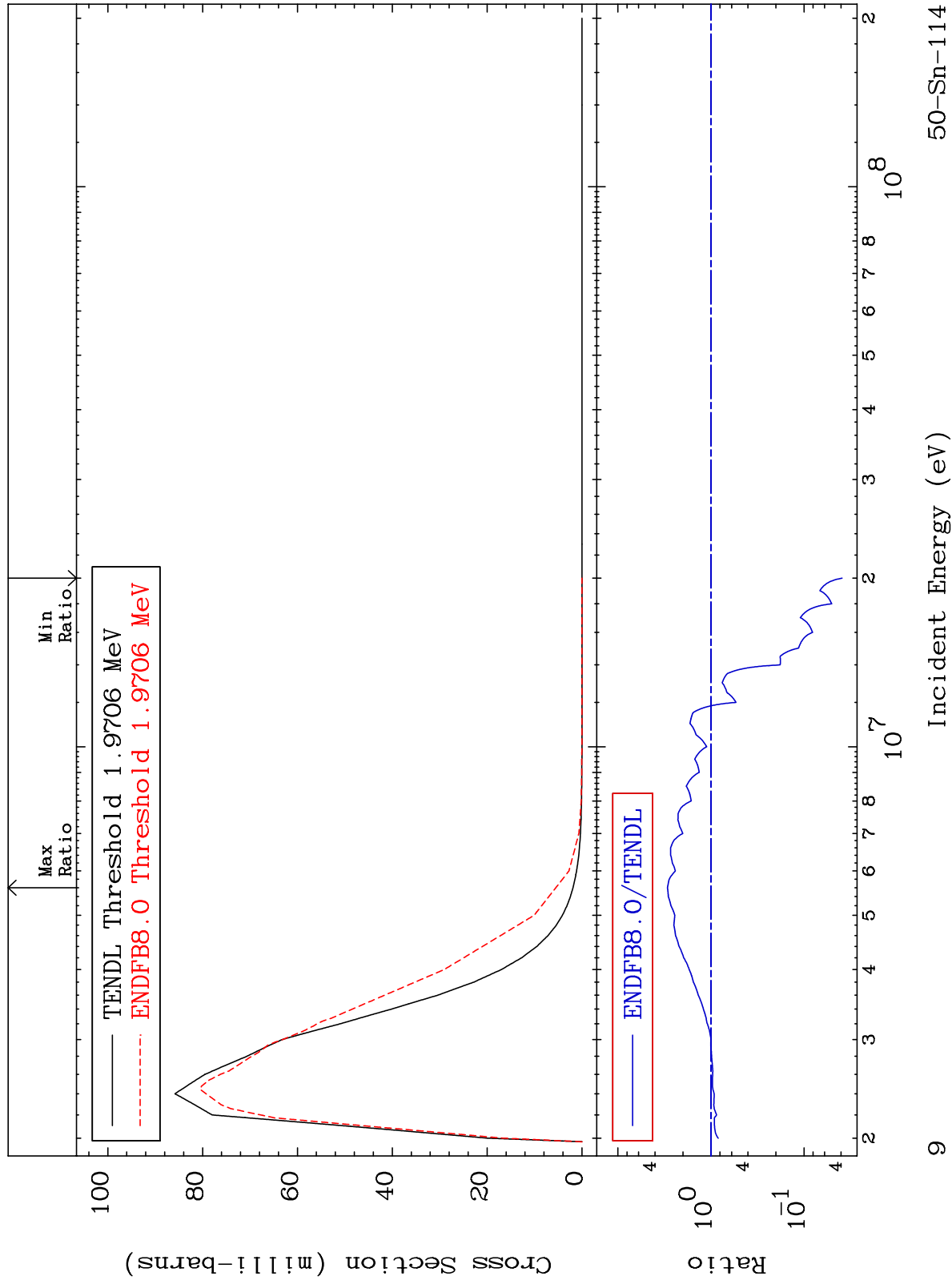
Incident Energy (eV)

50-Sn-114

MAT 5031

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

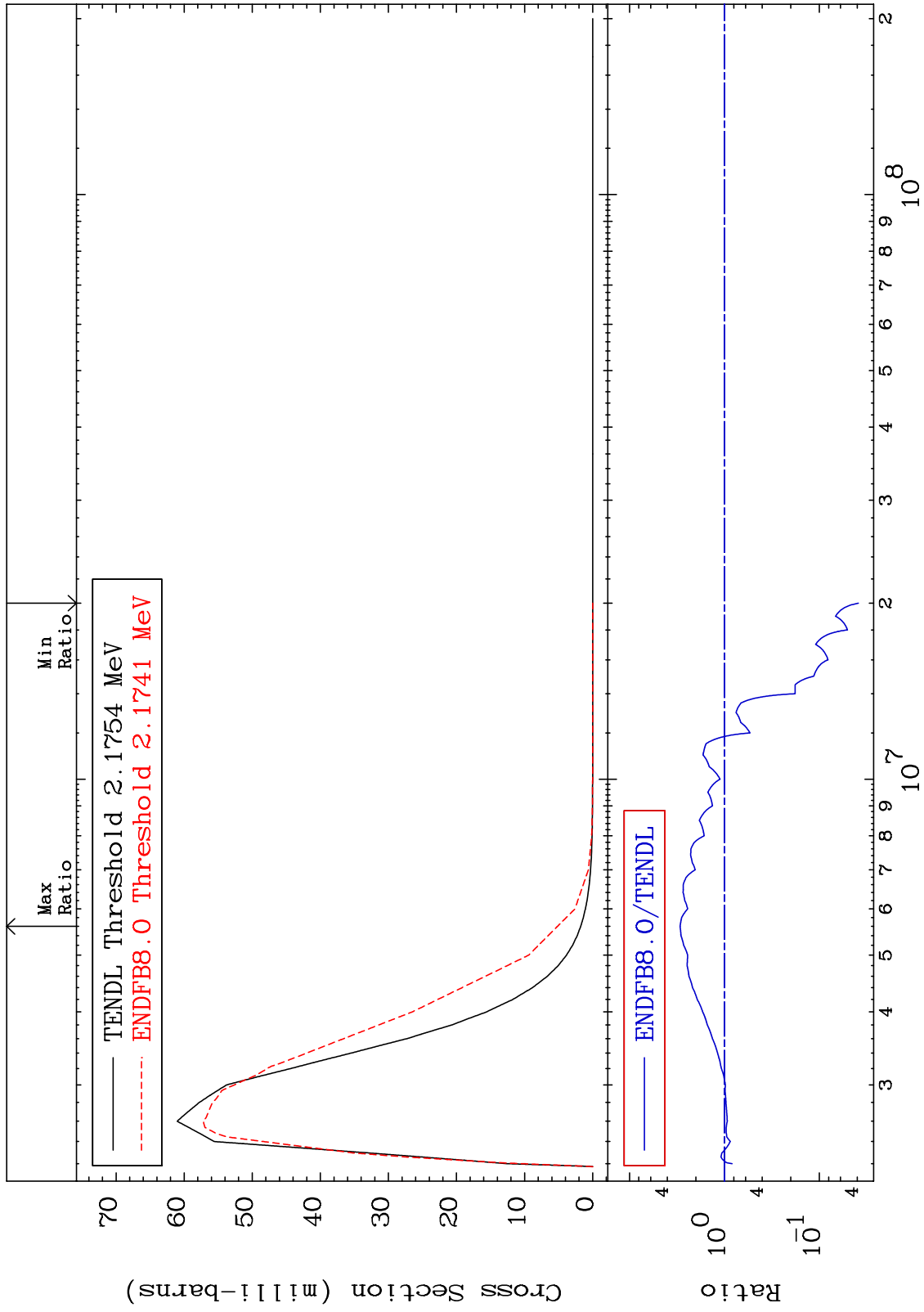
50-Sn-114
-96.11 To 193.4 %



MAT 5031

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

50-Sn-114
-96.12 To 194.5 %



10

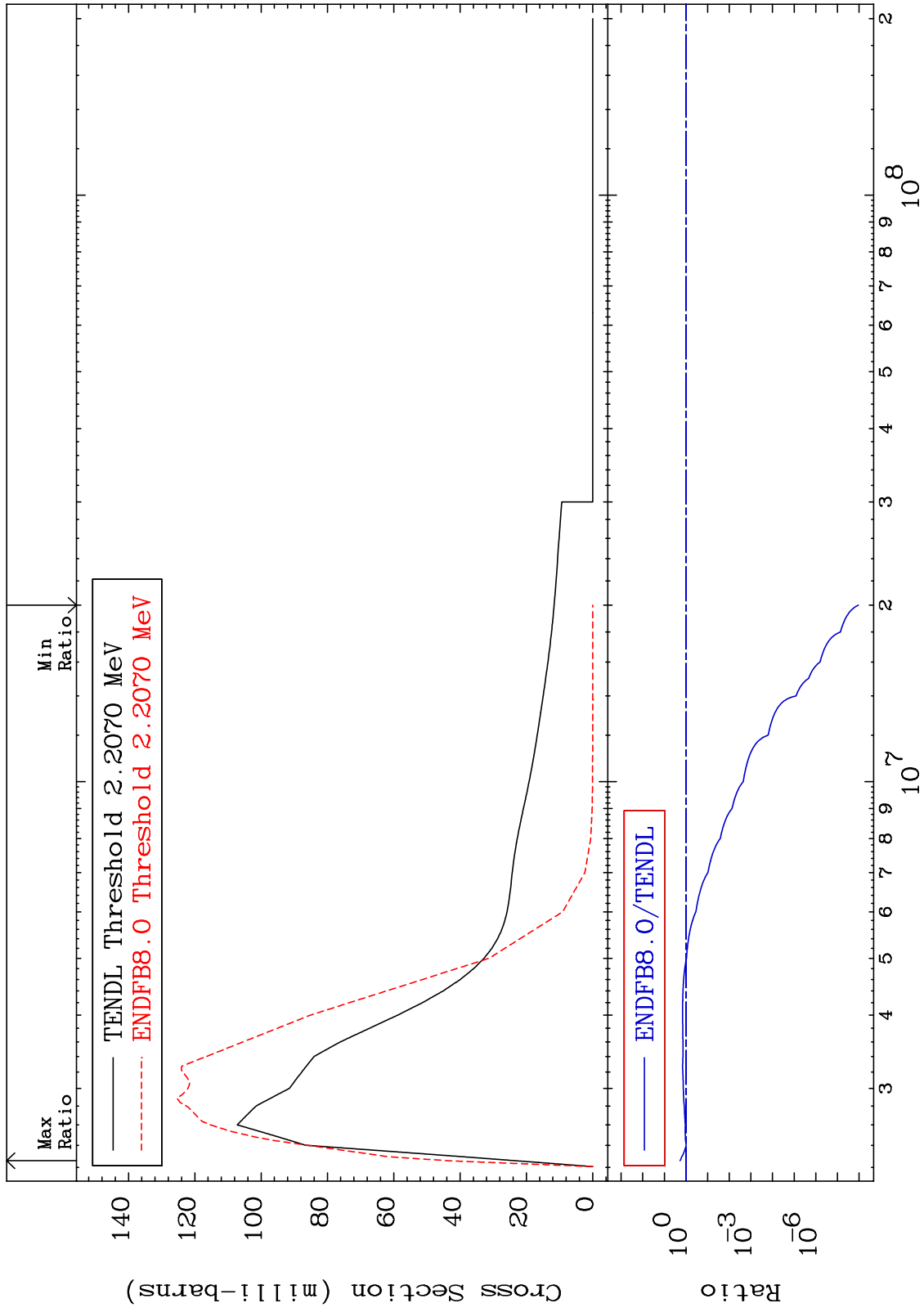
Incident Energy (eV)

50-Sn-114

MAT 5031

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

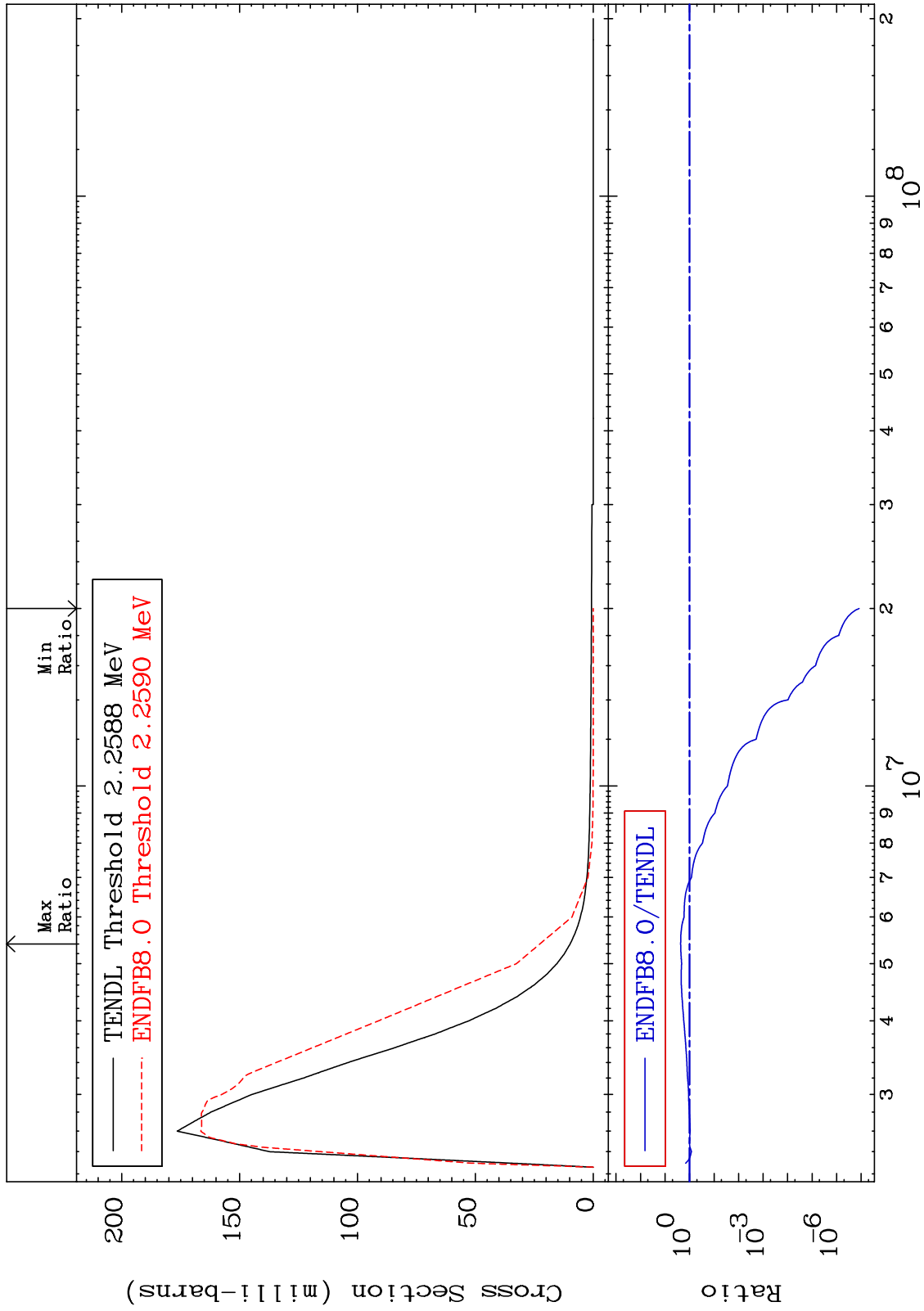
50-Sn-114
-100.0 To 88.82 %



MAT 5031

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

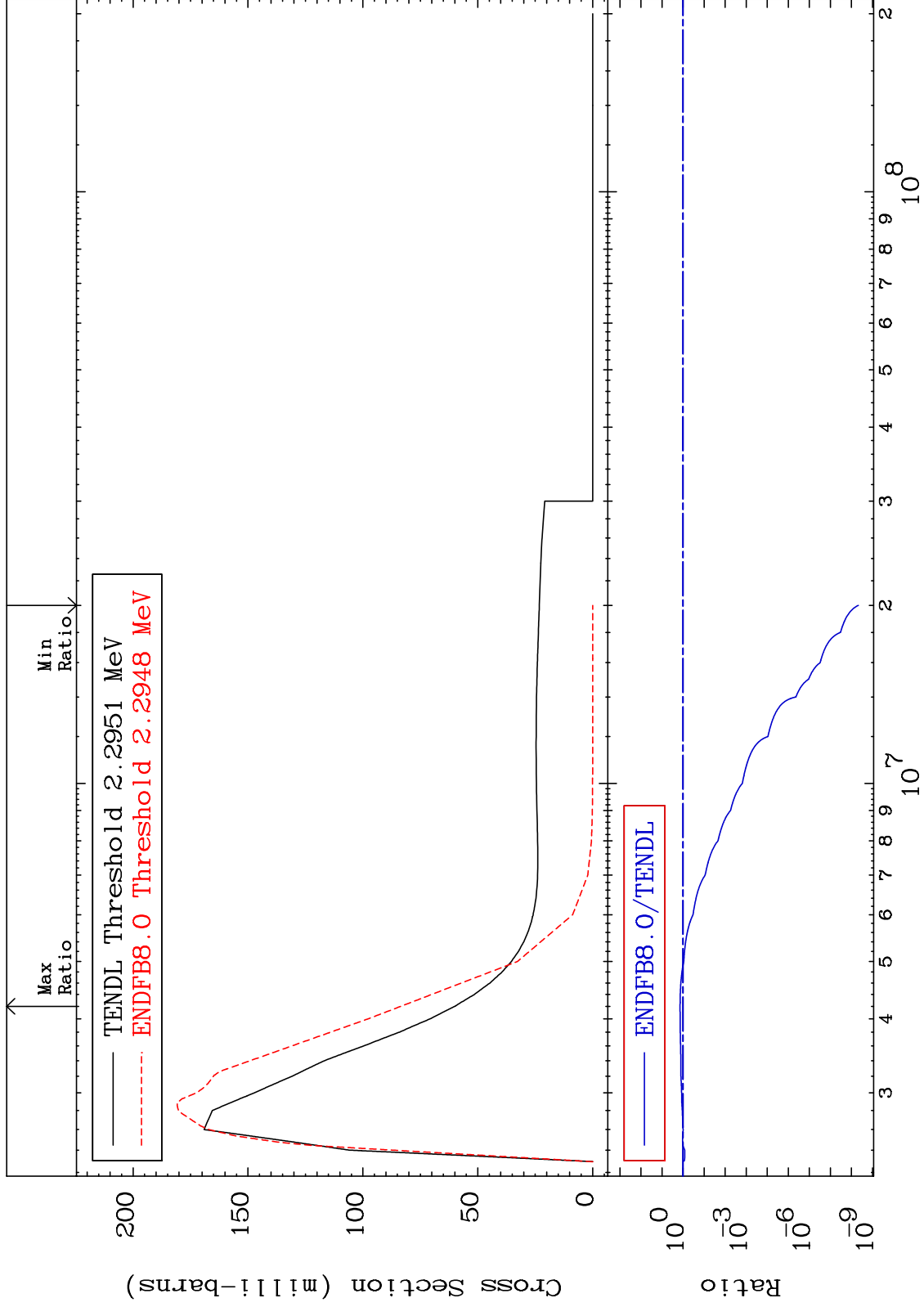
50-Sn-114
-100.0 To 131.5 %



MAT 5031

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

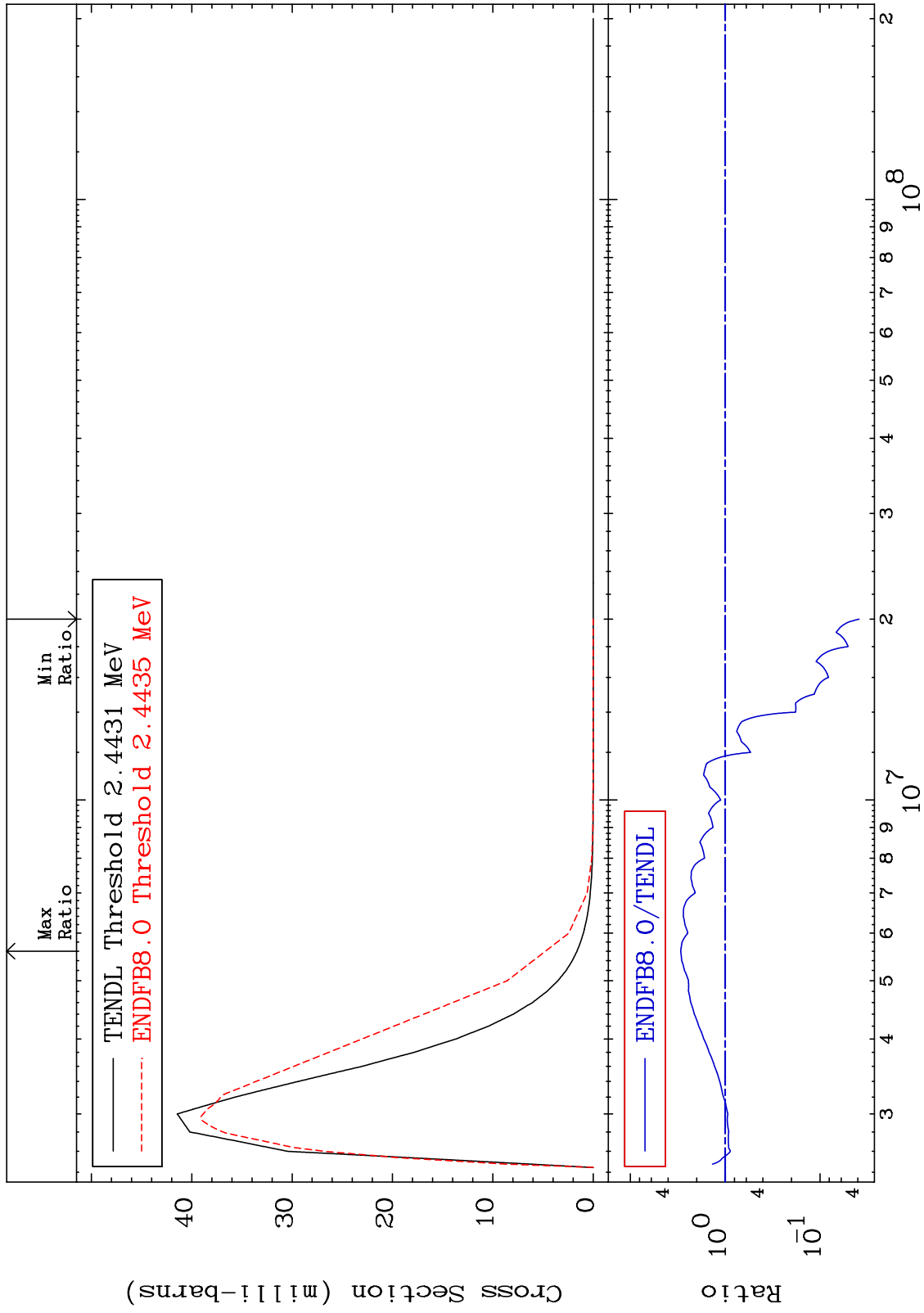
50-Sn-114
-100.0 To 39.18 %



MAT 5031

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

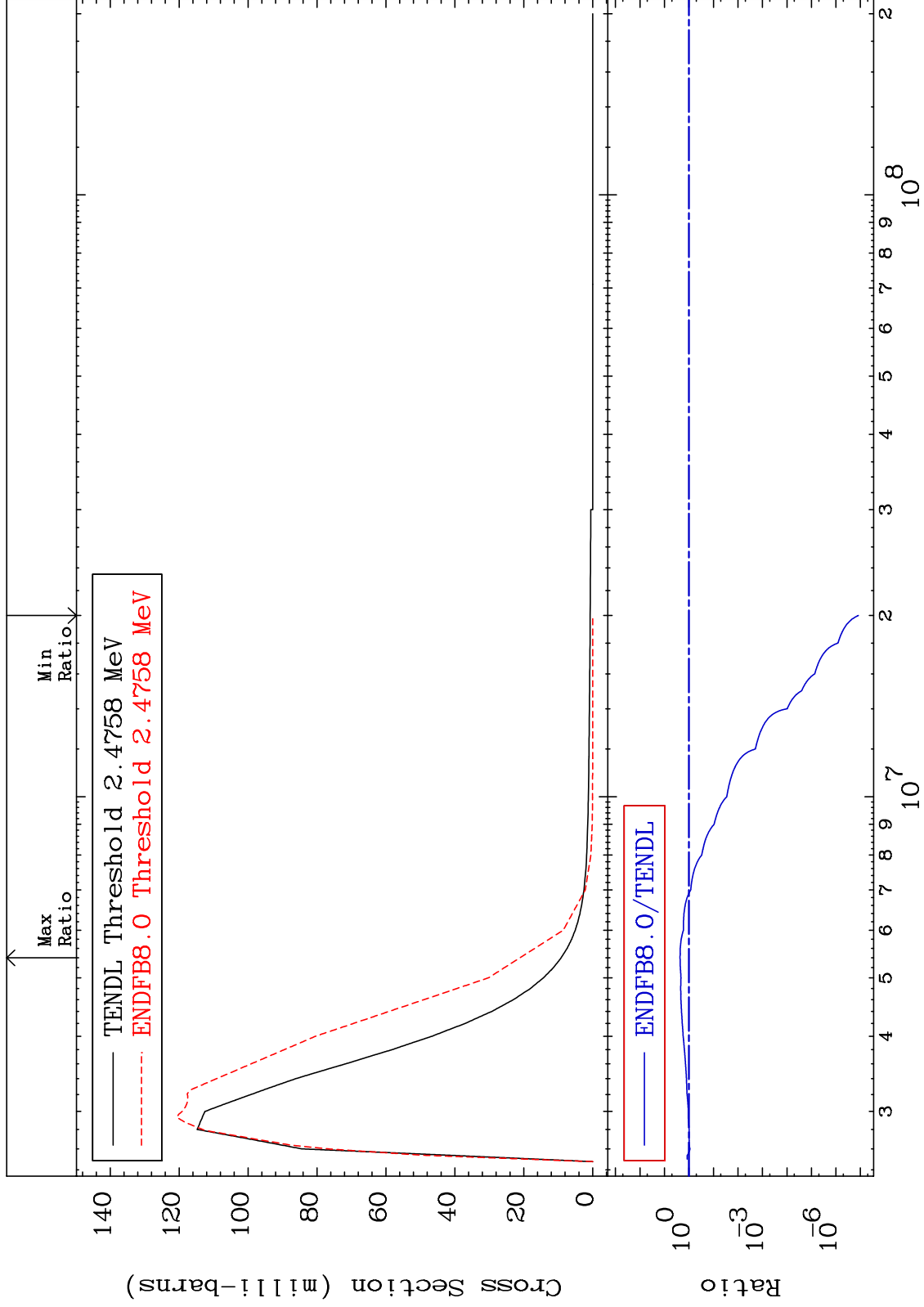
50-Sn-114
-96.13 To 195.0 %



MAT 5031

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

50-Sn-114
-100.0 To 131.2 %



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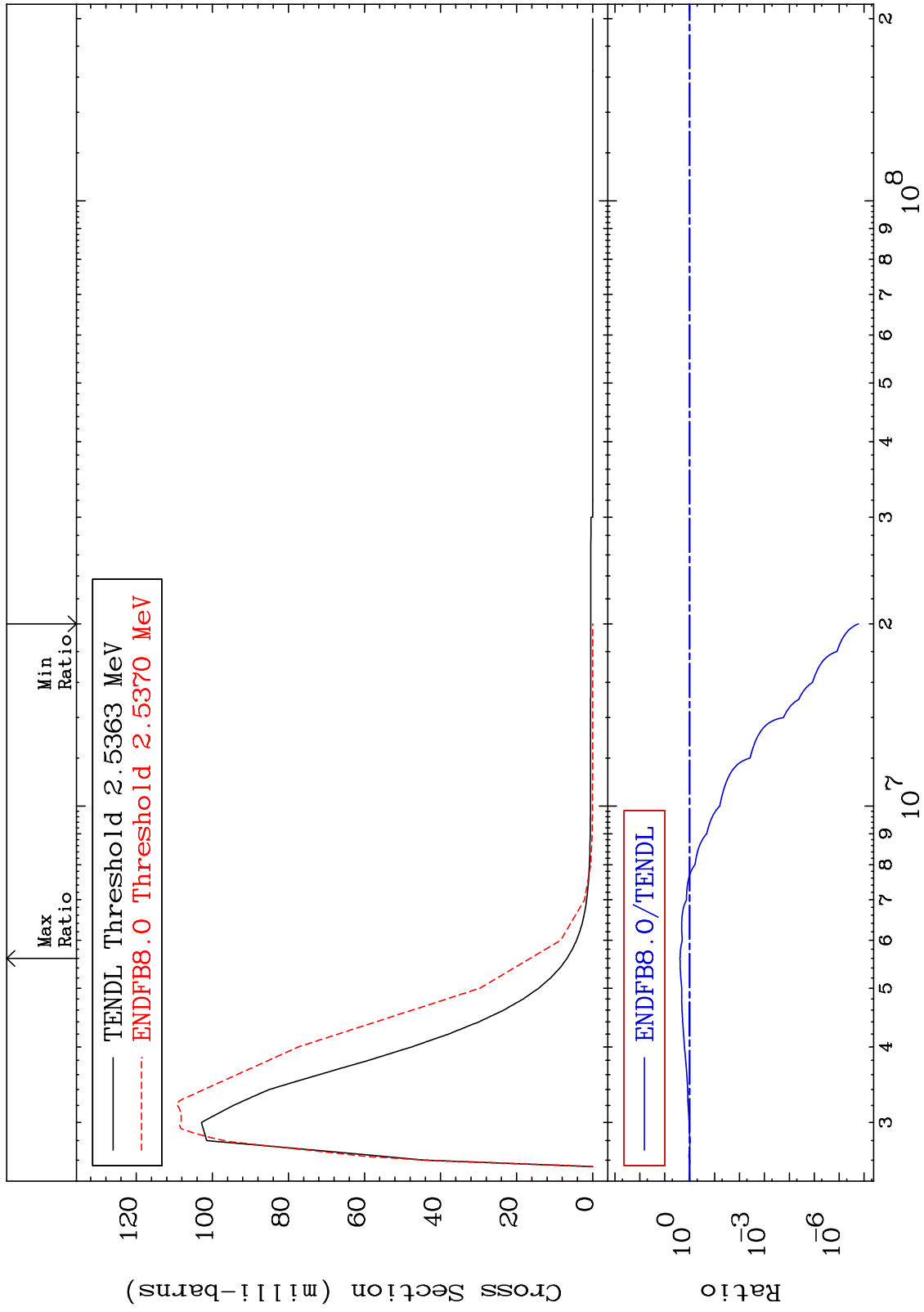
Incident Energy (eV)

50-Sn-114

MAT 5031

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

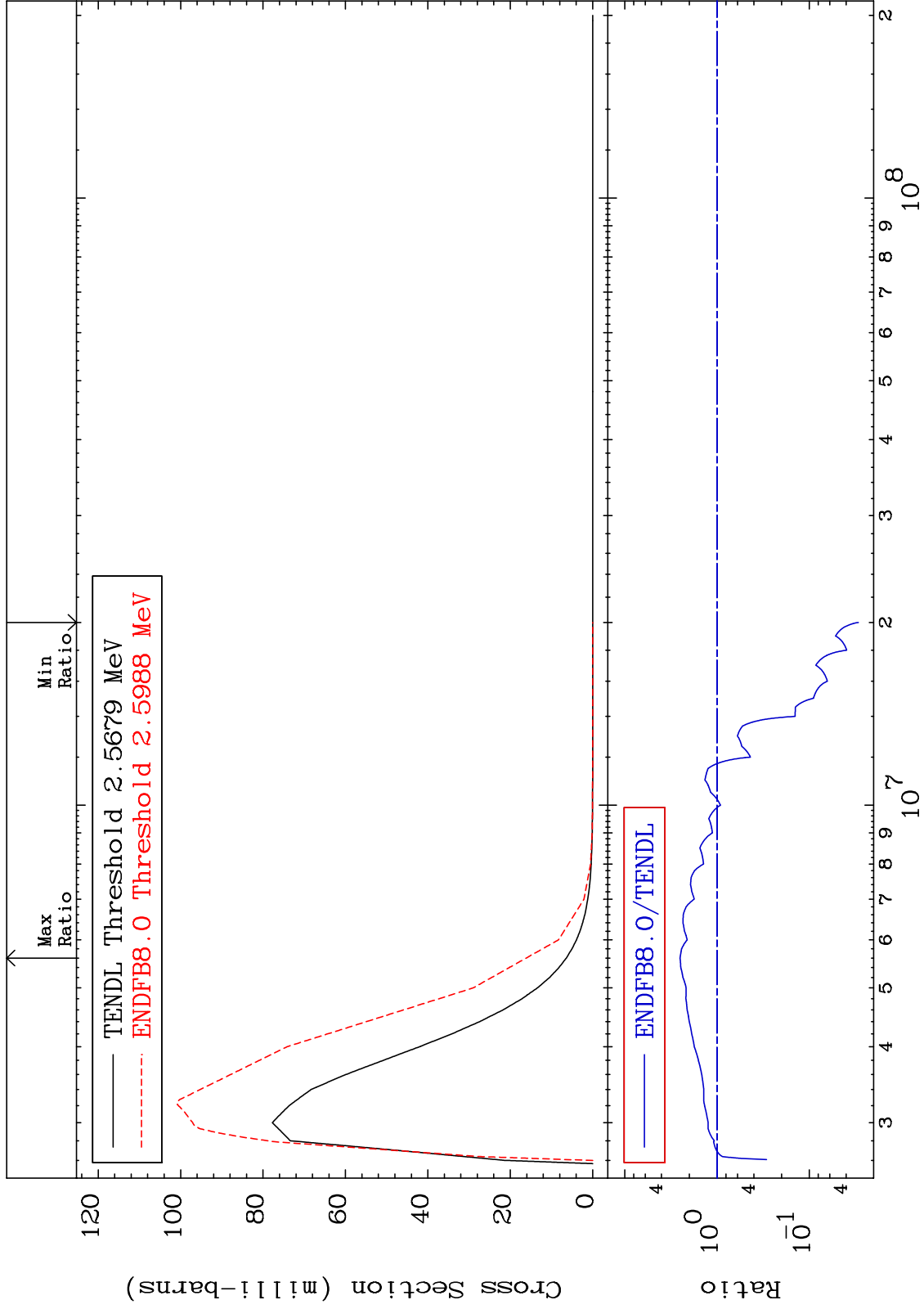
50-Sn-114
-100.0 To 143.6 %



MAT 5031

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

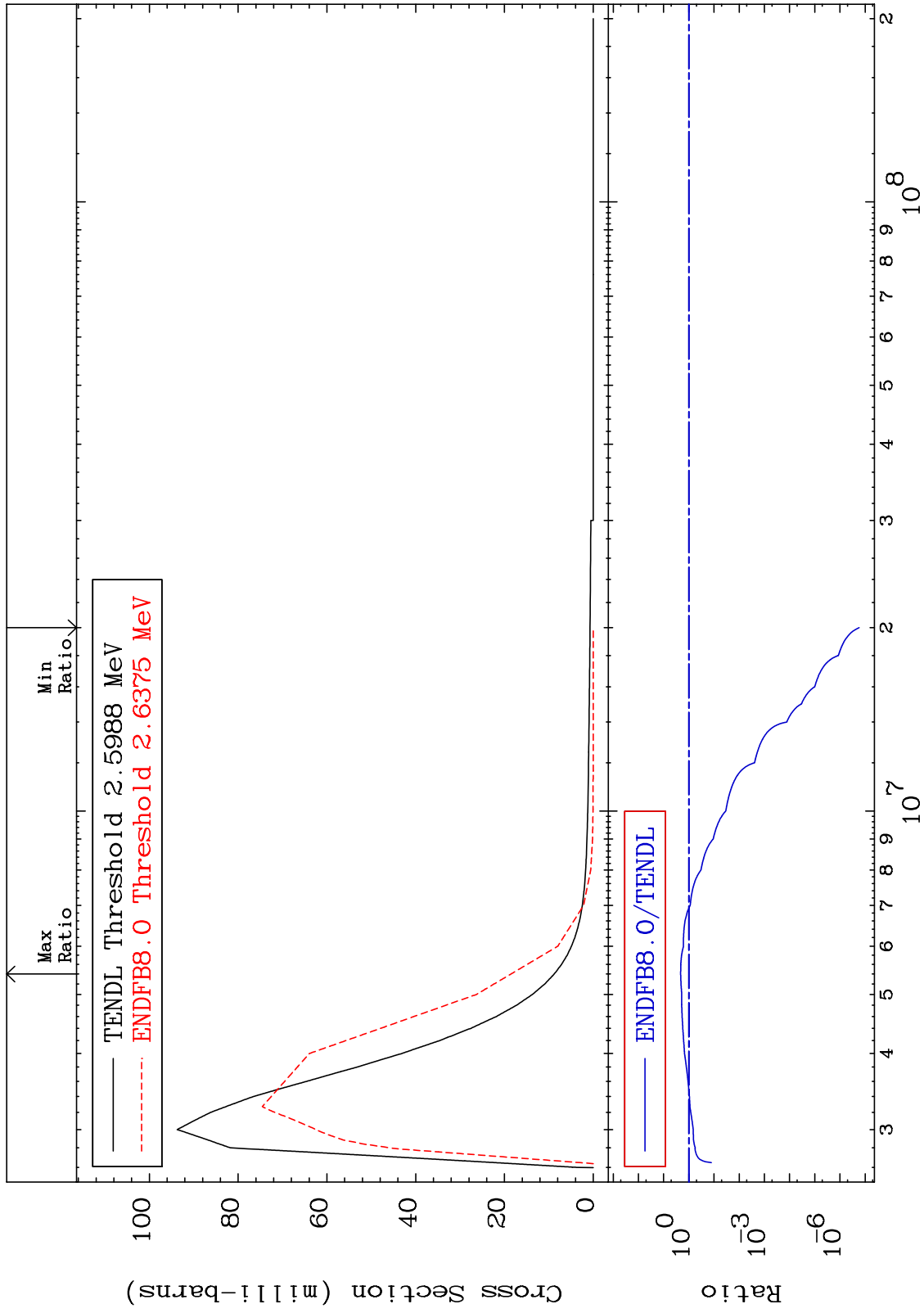
50-Sn-114
-97.06 To 152.0 %



MAT 5031

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

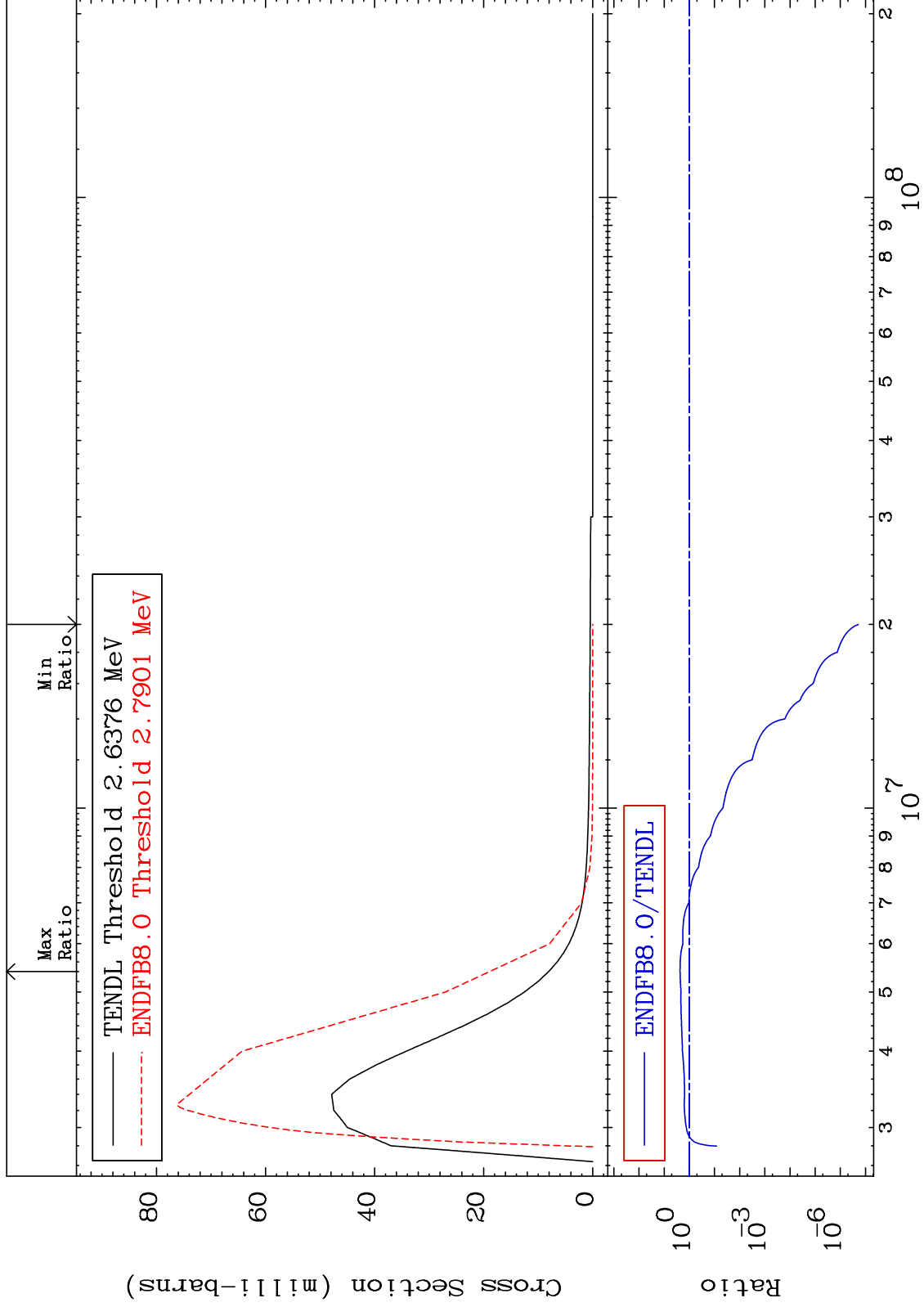
50-Sn-114
-100.0 To 111.4 %



MAT 5031

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

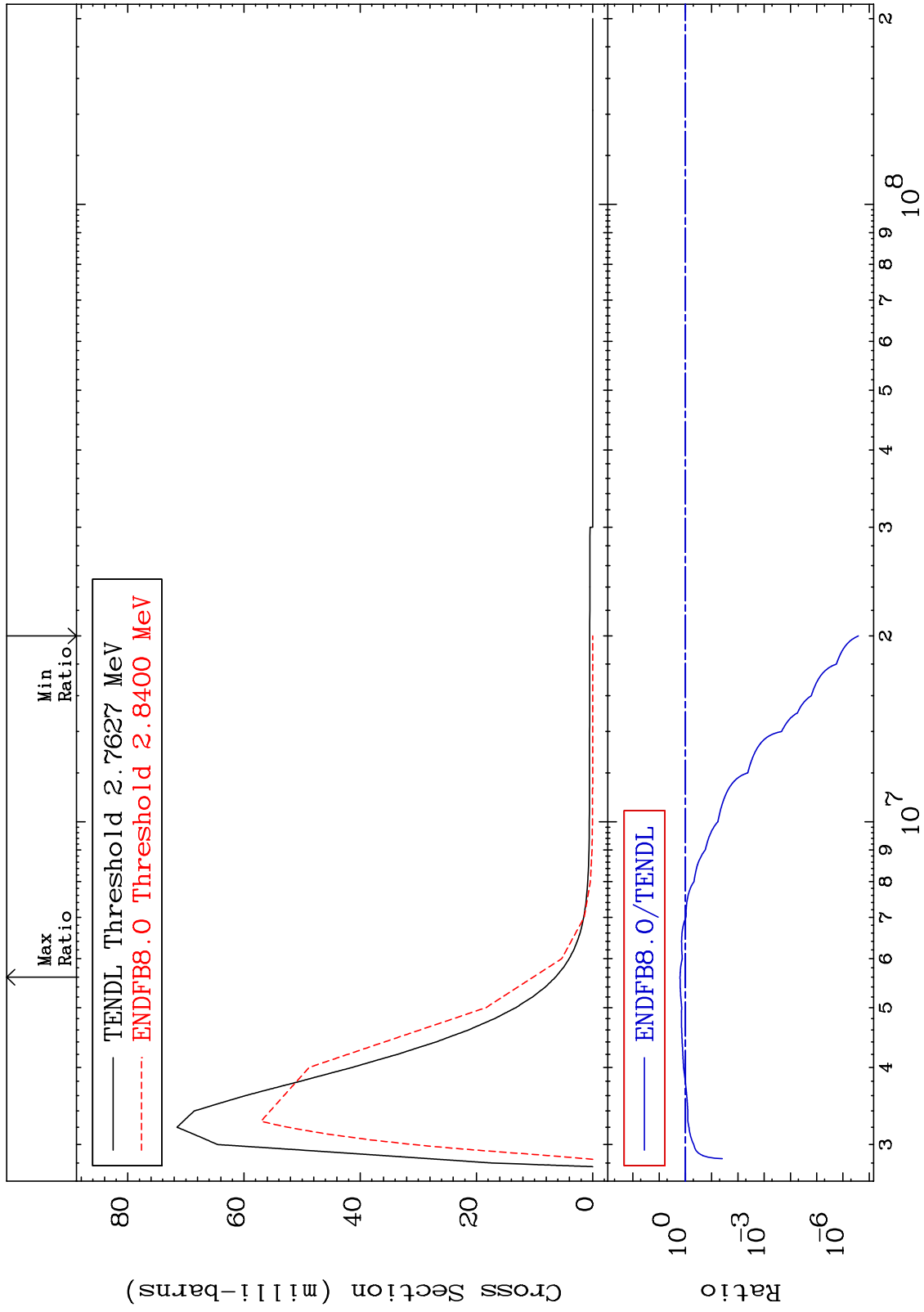
50-Sn-114
-100.0 To 134.5 %



MAT 5031

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

50-Sn-114
-100.0 To 60.10 %

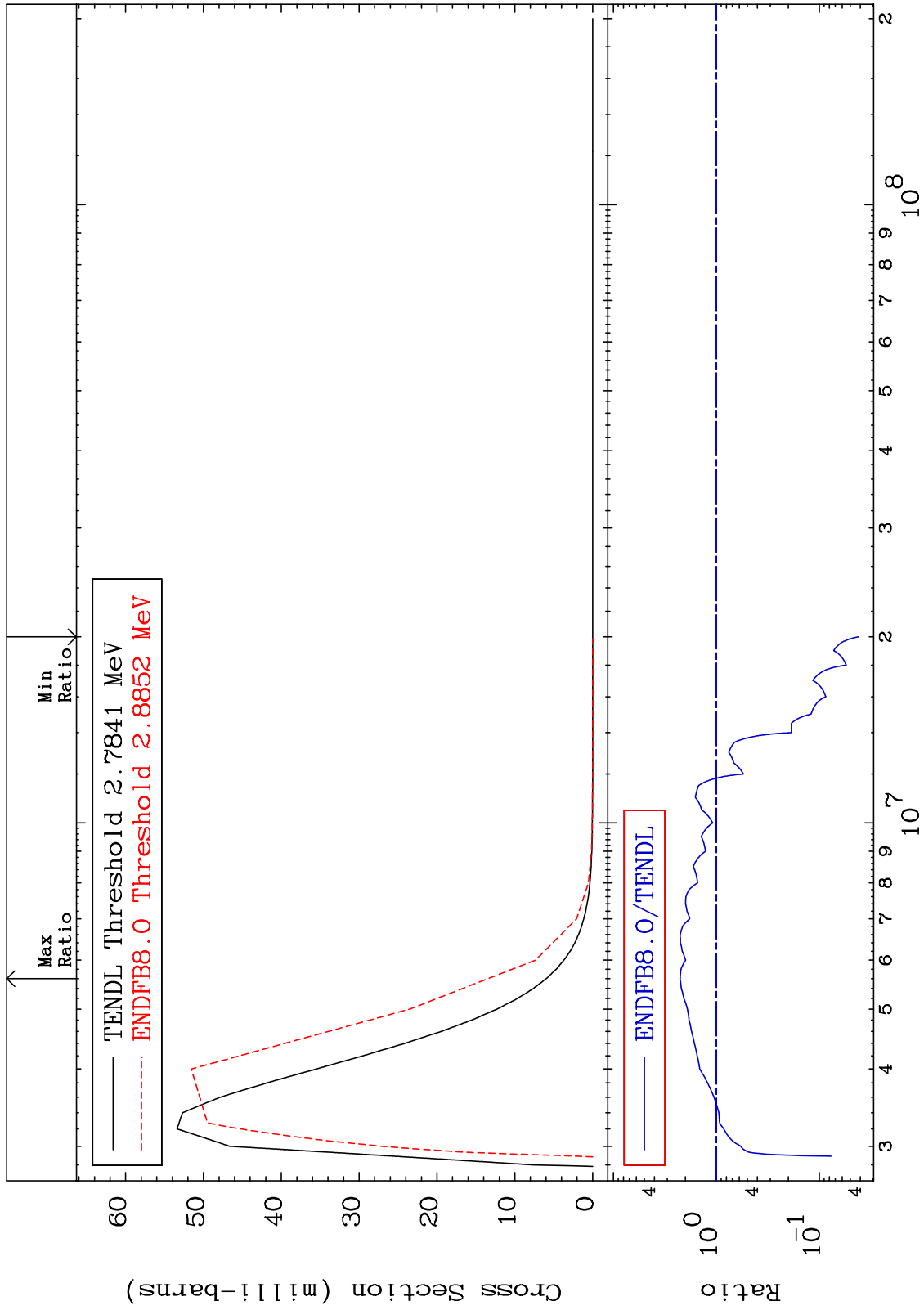


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Incident Energy (eV)

50-Sn-114

MAT 5031 MT= 64 (n,n') Level
 Cross Section 50-Sn-114
 -95.82 To 125.8 %

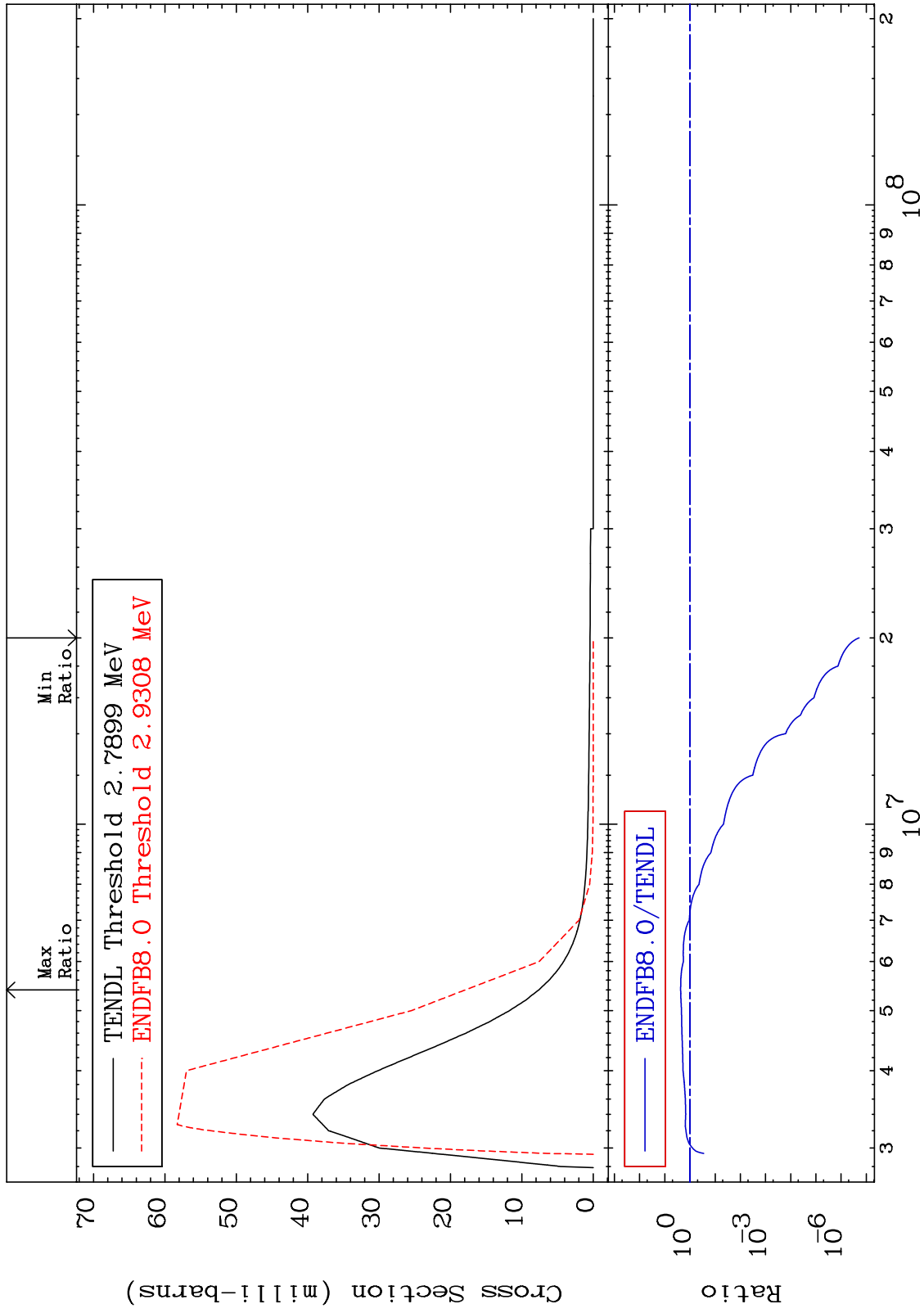


Incident Energy (eV) 50-Sn-114

MAT 5031

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

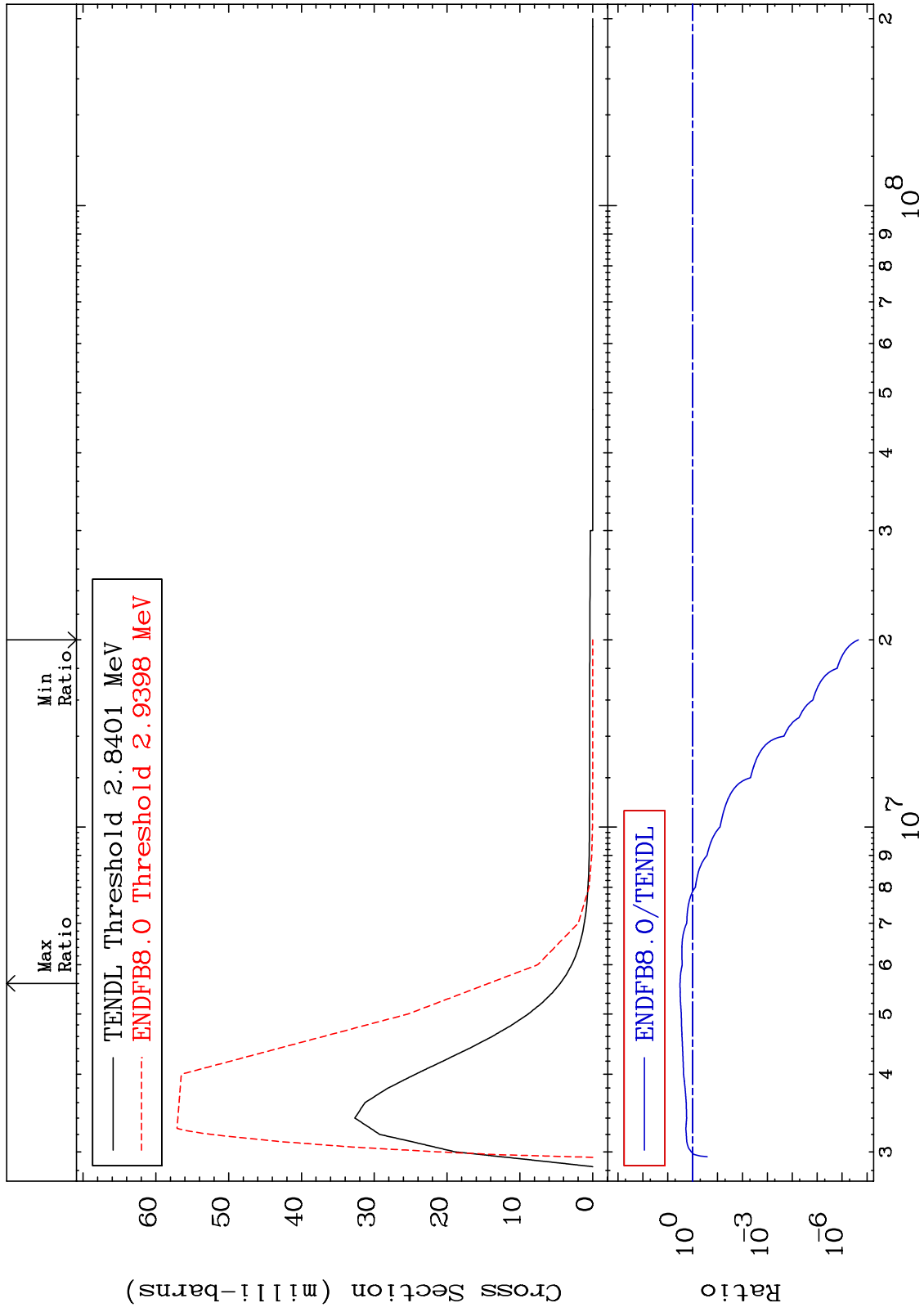
50-Sn-114
-100.0 To 135.1 %



MAT 5031

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

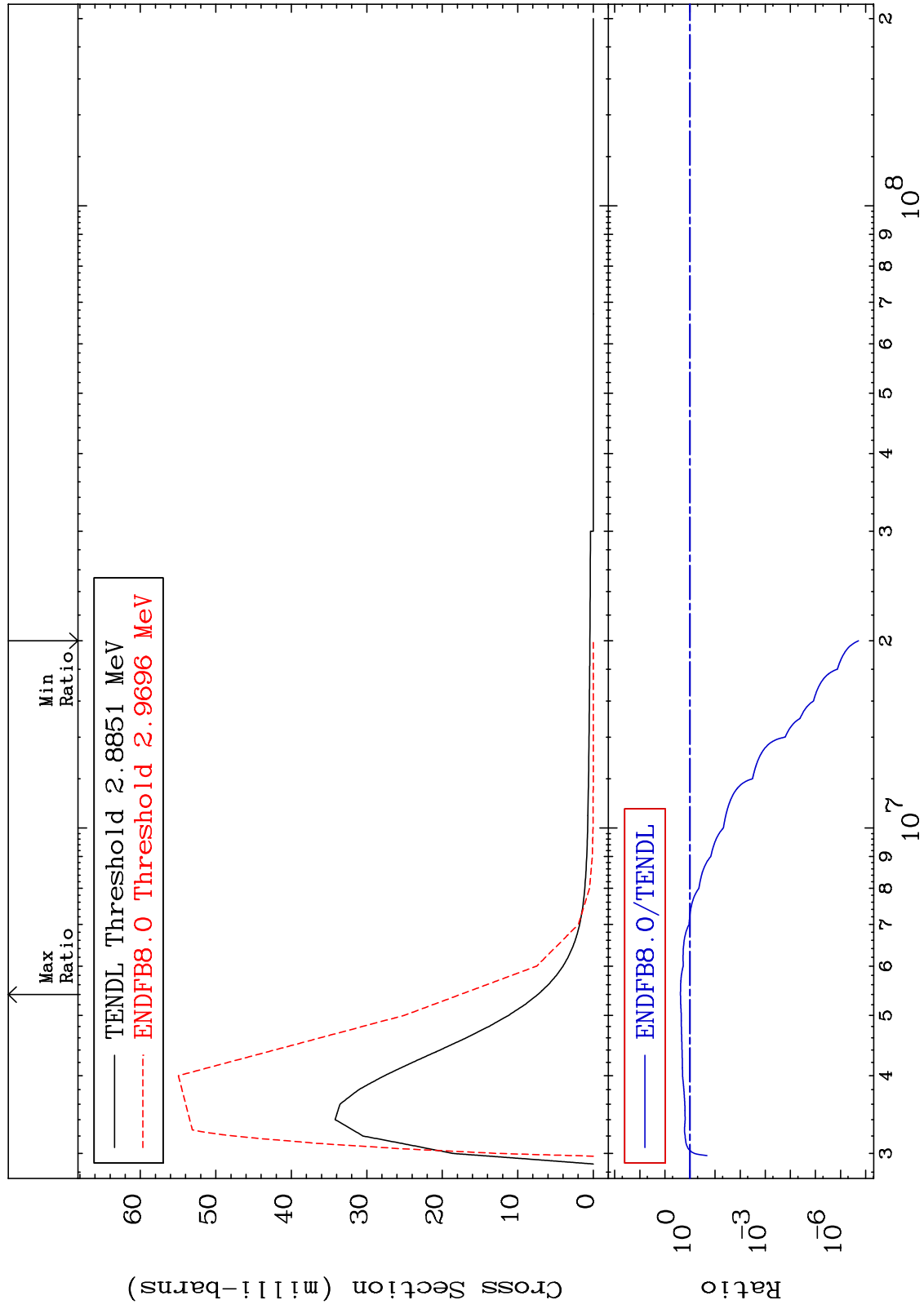
50-Sn-114
-100.0 To 221.3 %



MAT 5031

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

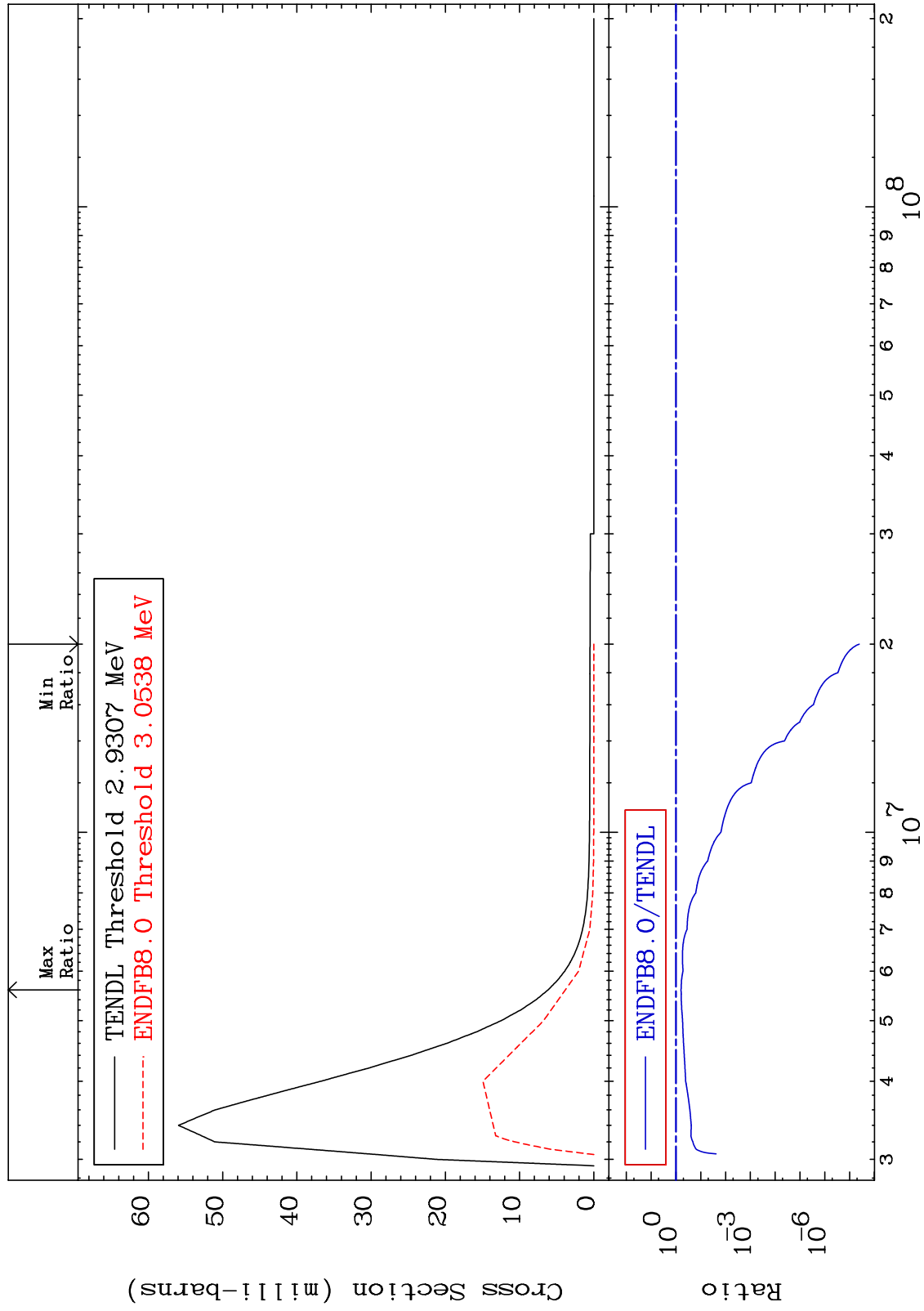
50-Sn-114
-100.0 To 140.2 %



MAT 5031

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

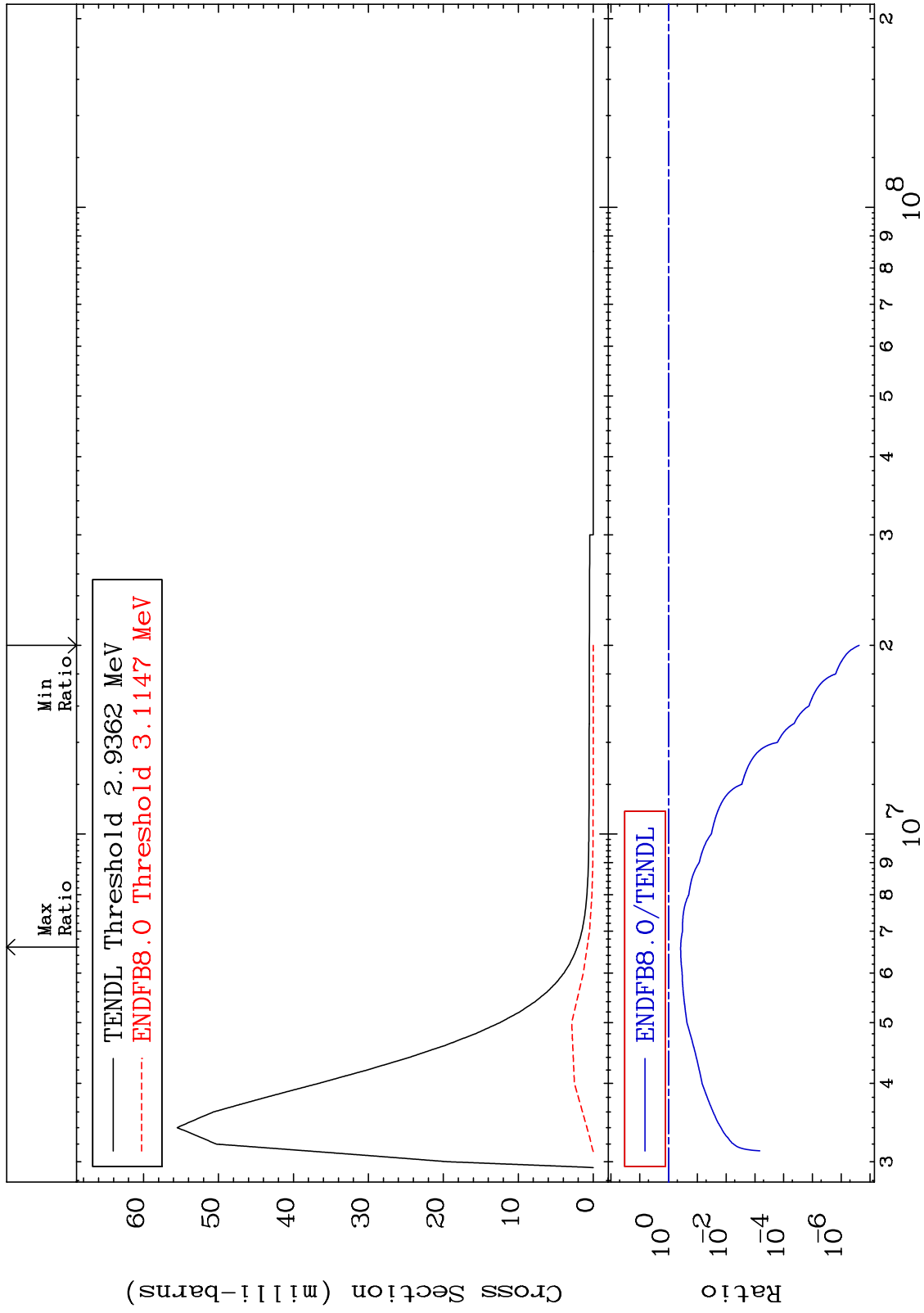
50-Sn-114
-100.0 To -37.65%



MAT 5031

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

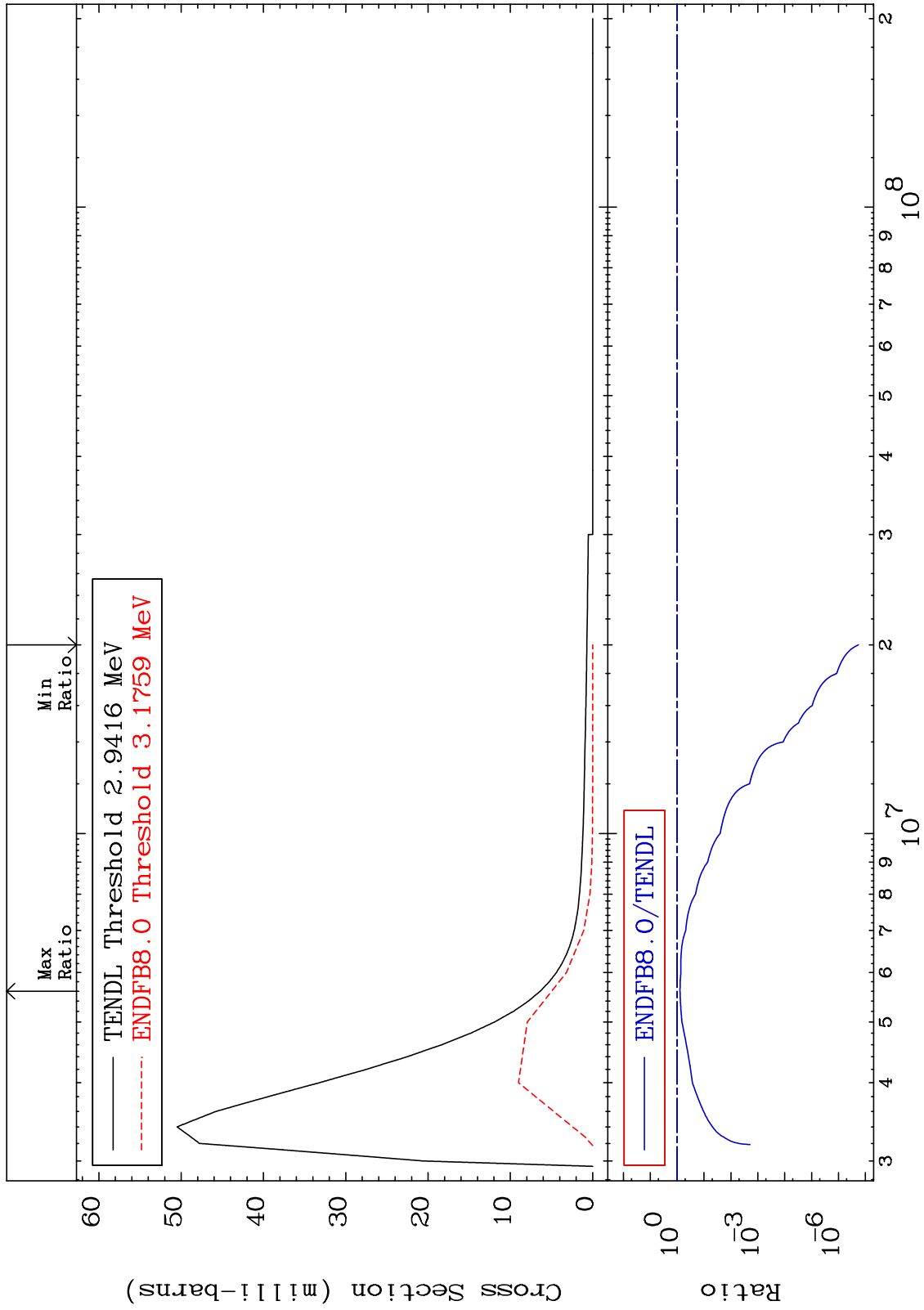
50-Sn-114
-100.0 To -61.95%



MAT 5031

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

50-Sn-114
-100.0 To -21.77%



27

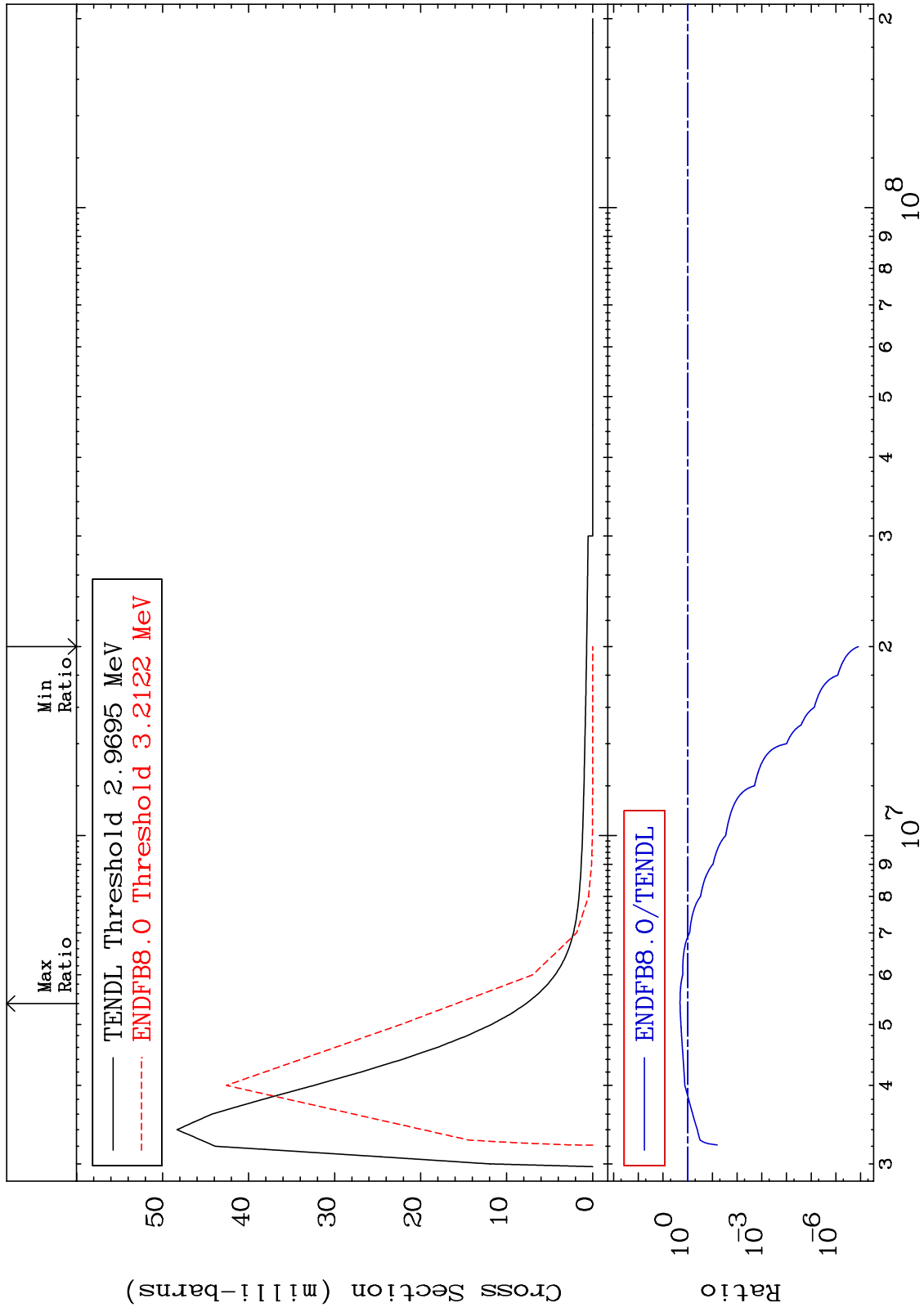
Incident Energy (eV)

50-Sn-114

MAT 5031

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

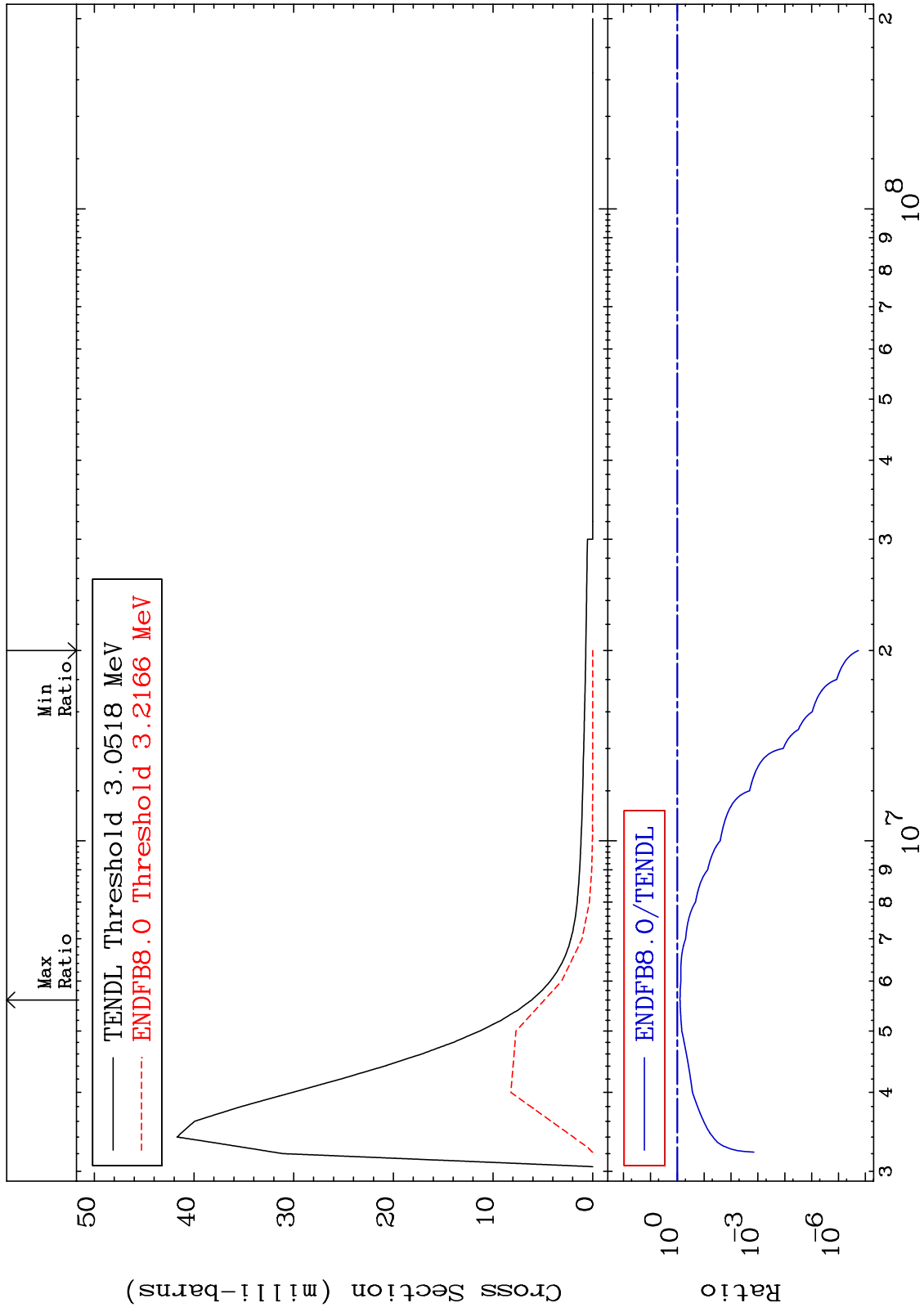
50-Sn-114
-100.0 To 105.3 %



MAT 5031

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

50-Sn-114
-100.0 To -20.89%



29

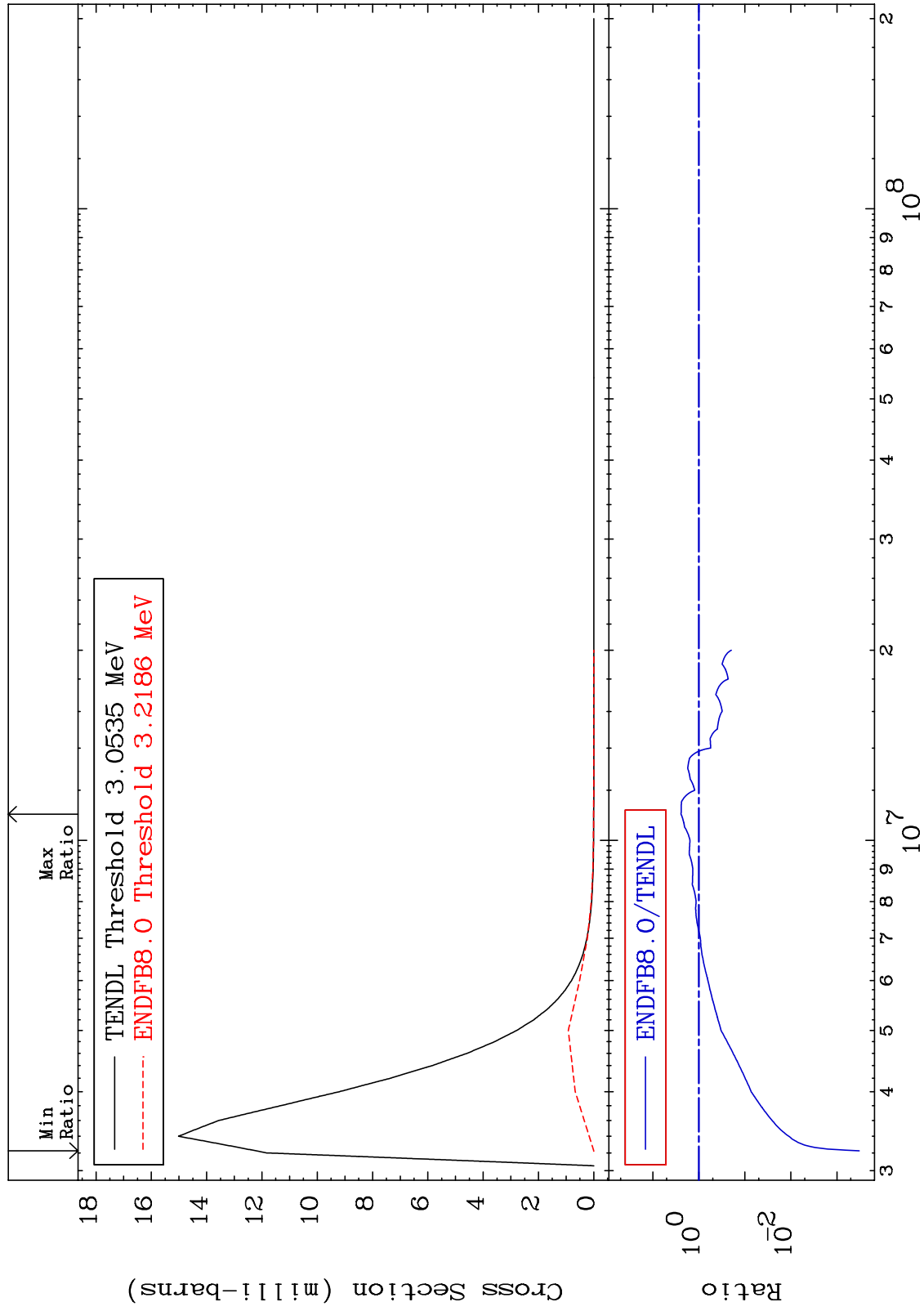
Incident Energy (eV)

50-Sn-114

MAT 5031

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

50-Sn-114
-99.97 To 143.7 %



30

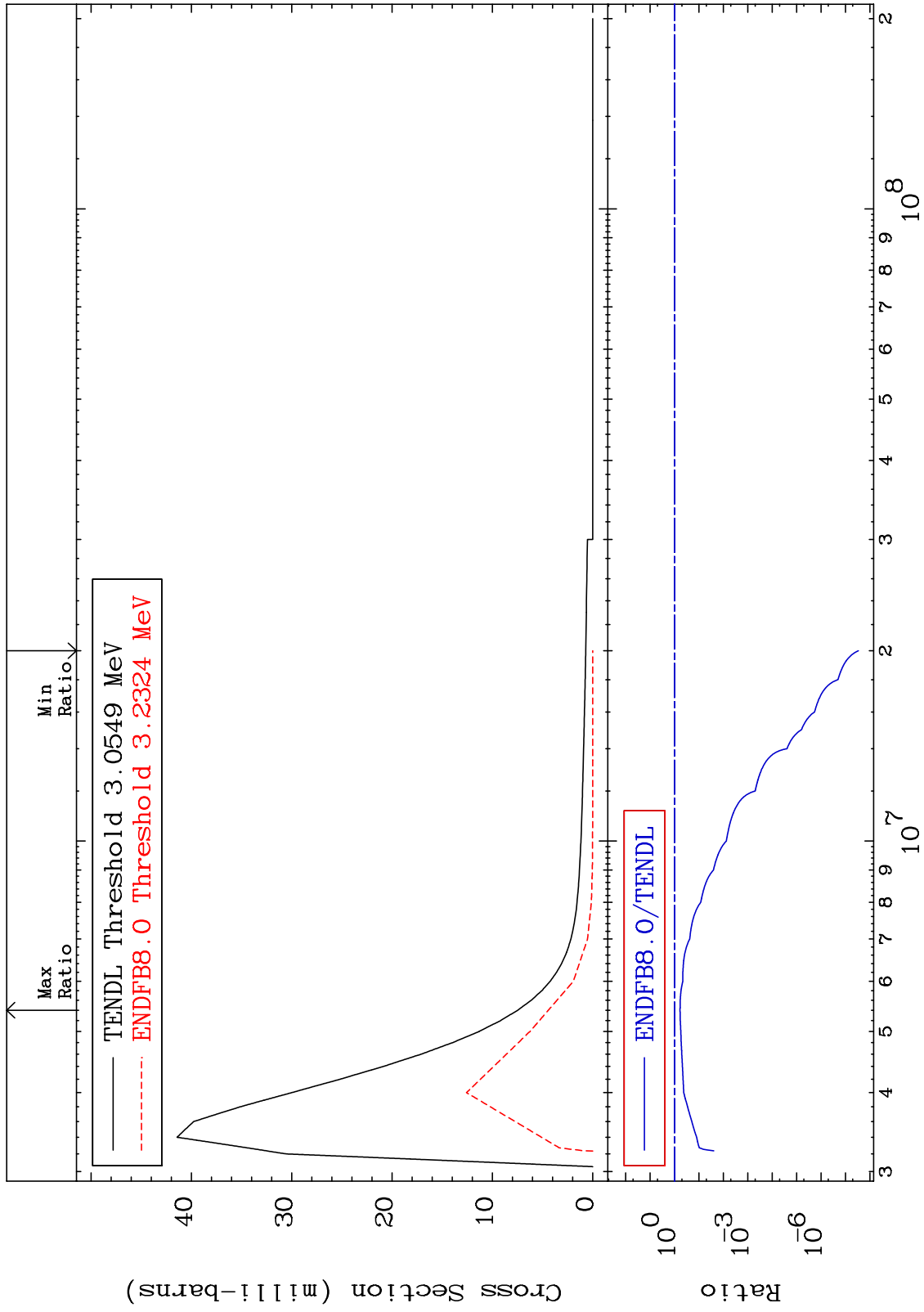
Incident Energy (eV)

50-Sn-114

MAT 5031

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

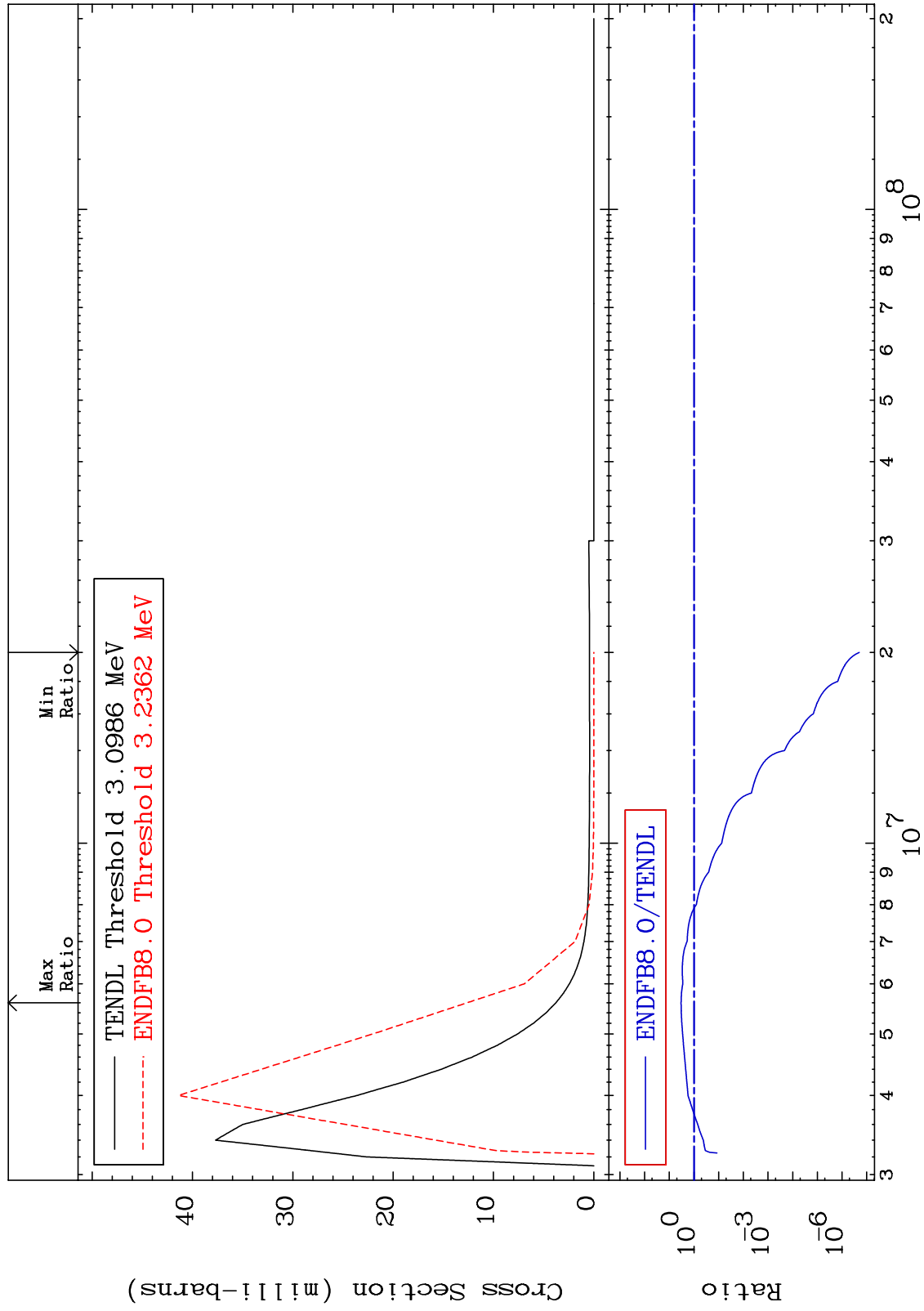
50-Sn-114
-100.0 To -40.80%



MAT 5031

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

50-Sn-114
-100.0 To 234.5 %

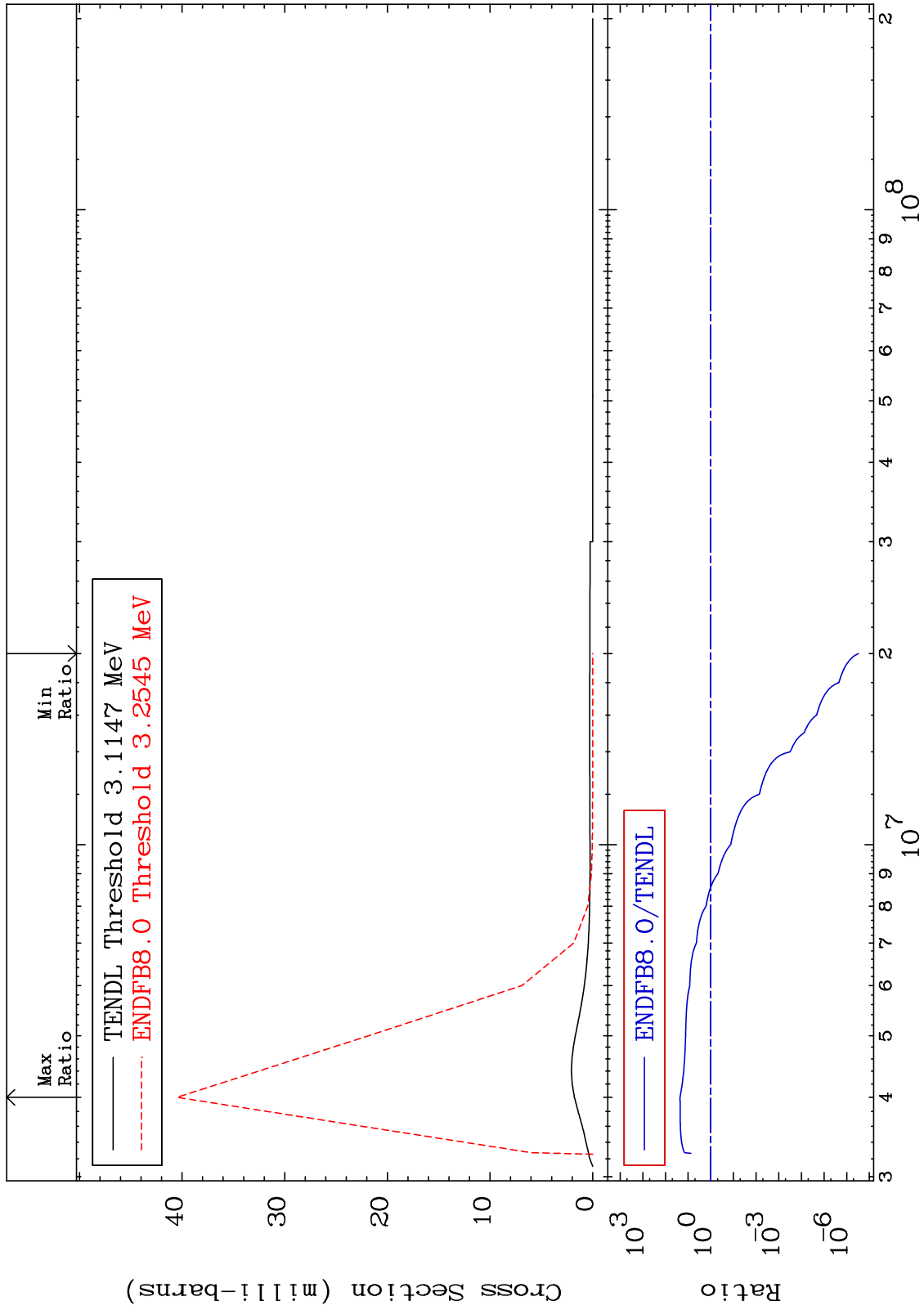


32

Incident Energy (eV)

50-Sn-114

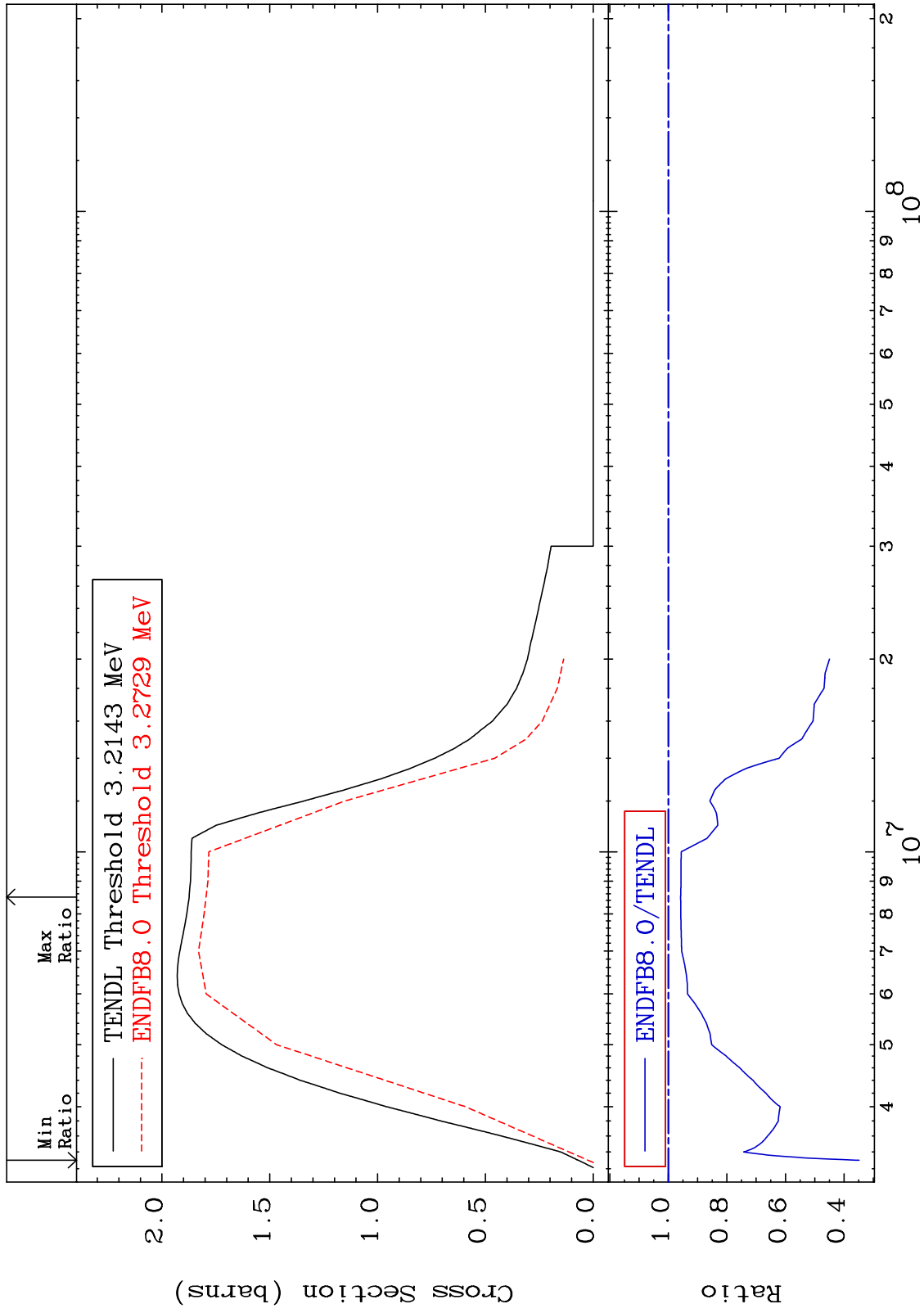
MAT 5031 MT= 76 (n,n') Level Cross Section 50-Sn-114
 -100.0 To 2179. %



MAT 5031

(n,n') Continuum
Cross Section

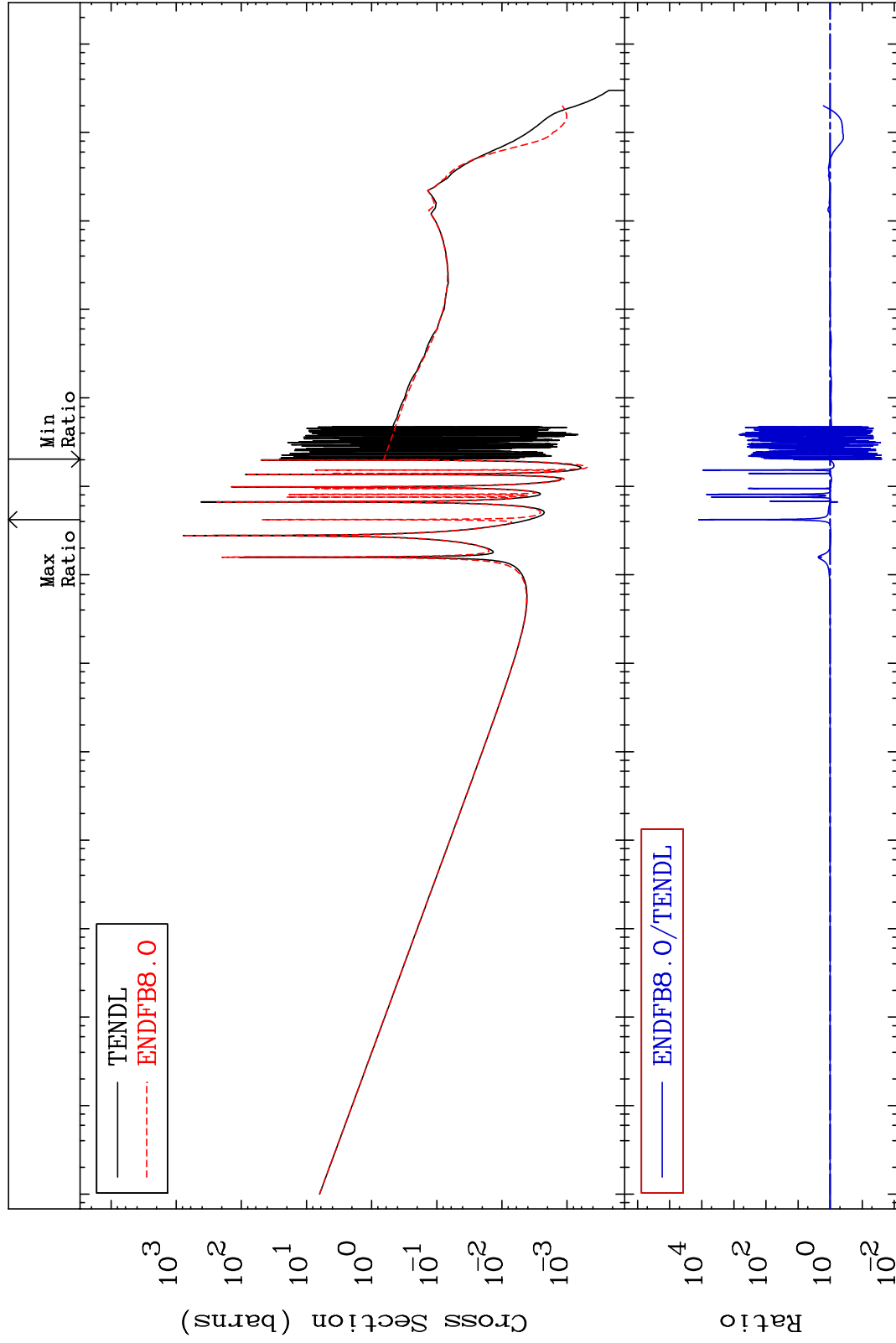
50-Sn-114
-65.18 To -4.191%



MAT 5031

(n, γ)
Cross Section

50-Sn-114
-97.50 To 9999. %



35

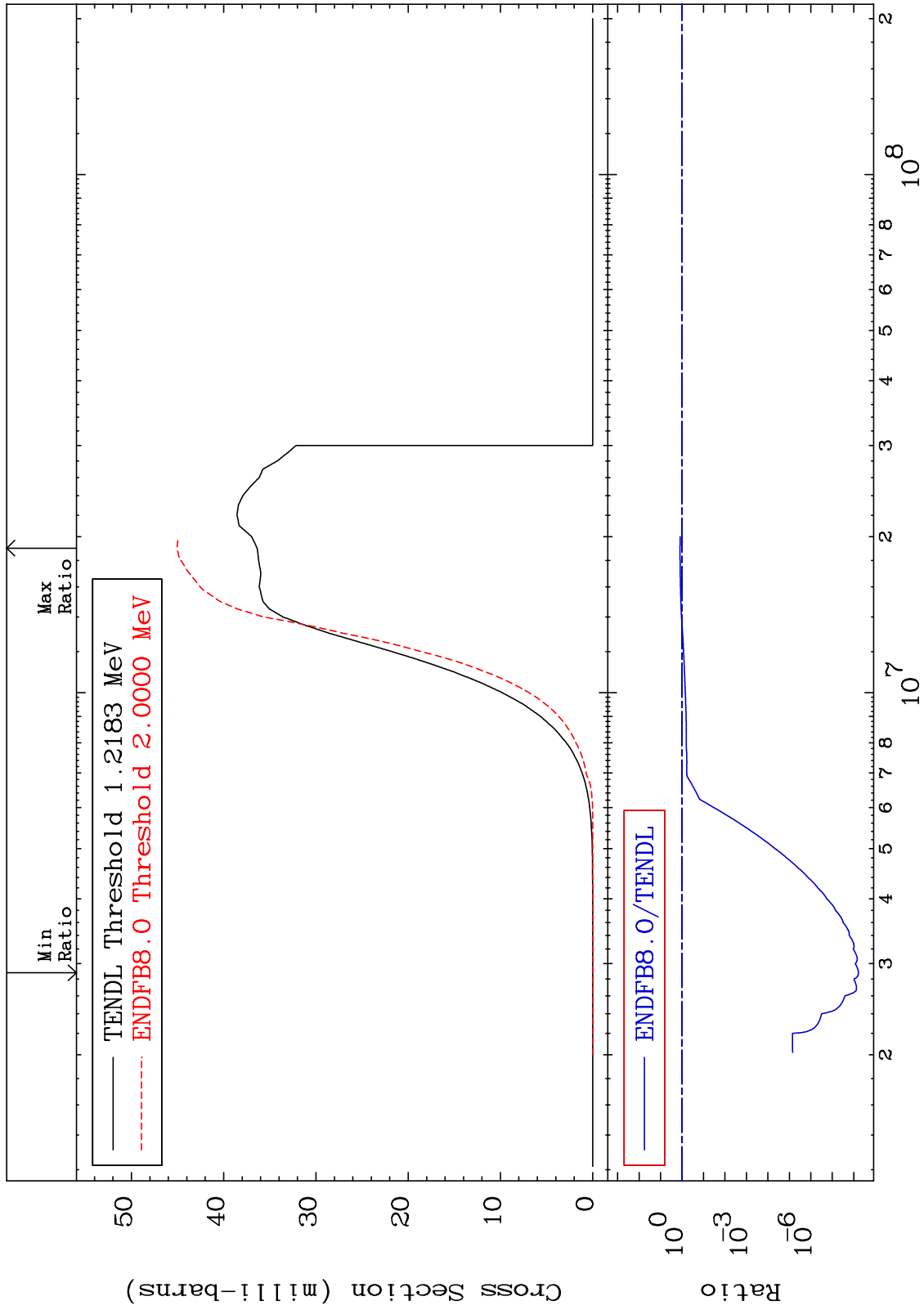
Incident Energy (eV)

50-Sn-114

MAT 5031

(n, p)
Cross Section

50-Sn-114
-100.0 To 23.86 %



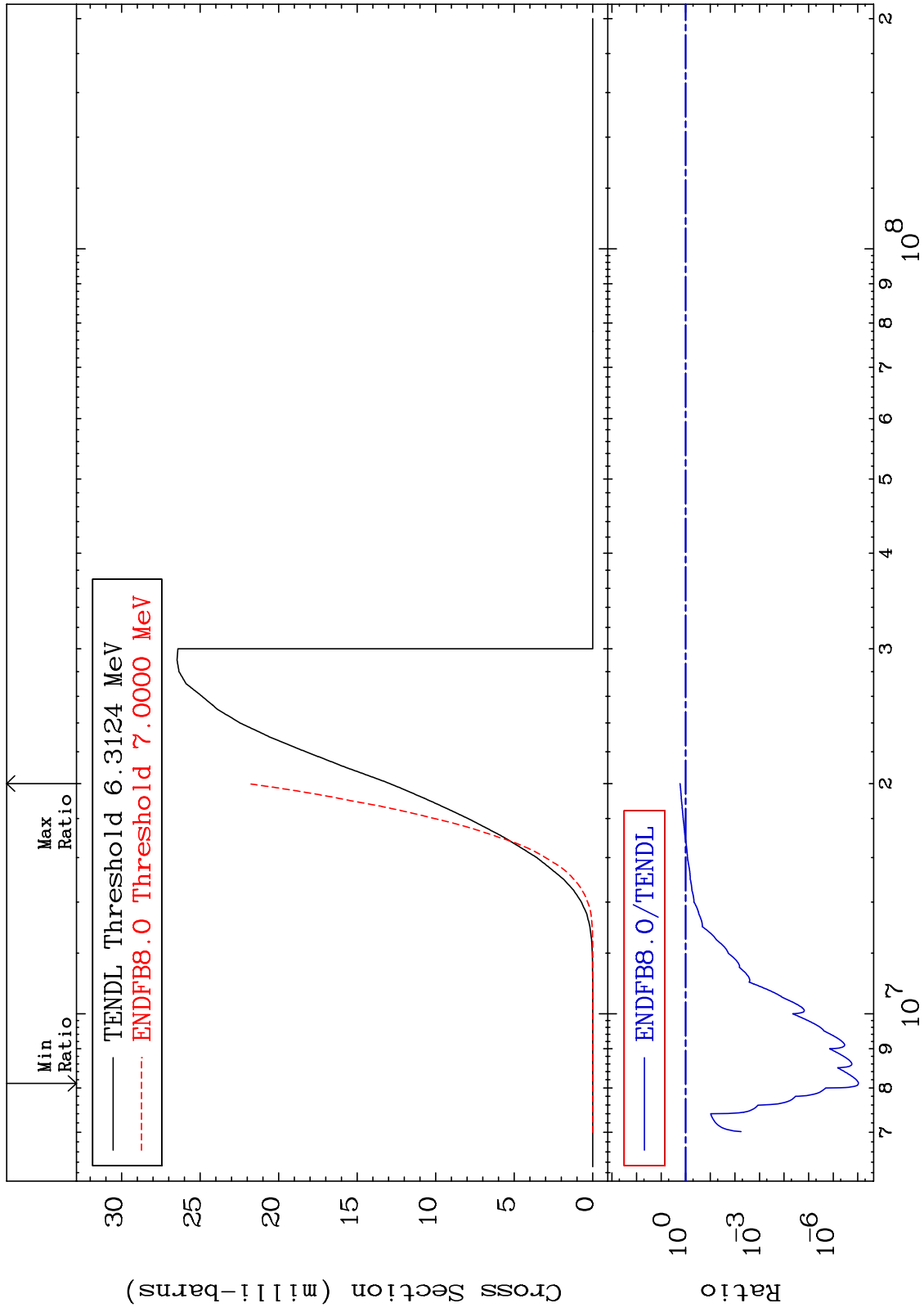
MAT 5031

(n, d)

50-Sn-114

Cross Section

-100.0 To 70.29 %



37

Incident Energy (eV)

50-Sn-114

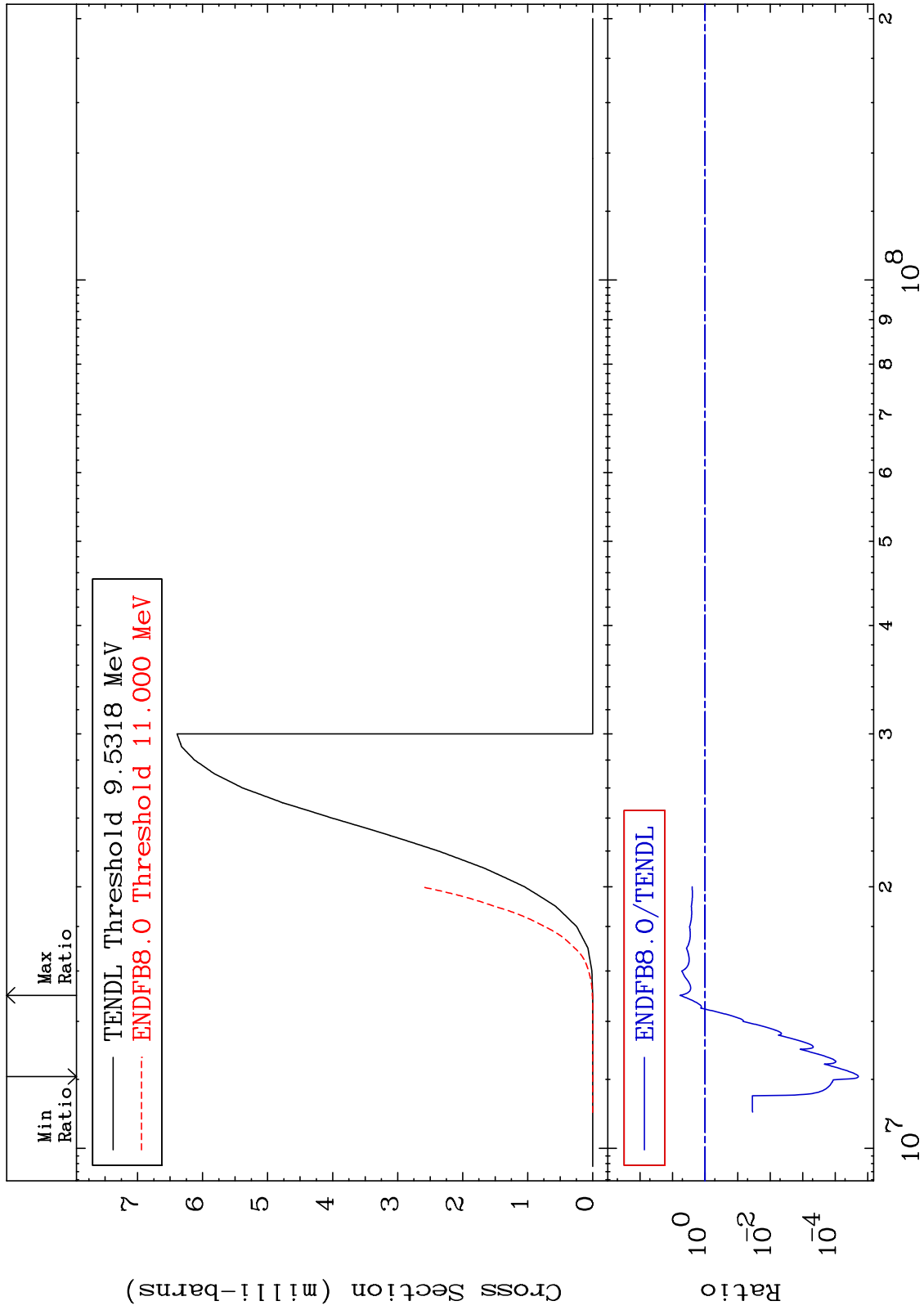
MAT 5031

(n, t)

50-Sn-114

Cross Section

-100.0 To 490.4 %



38

Incident Energy (eV)

50-Sn-114

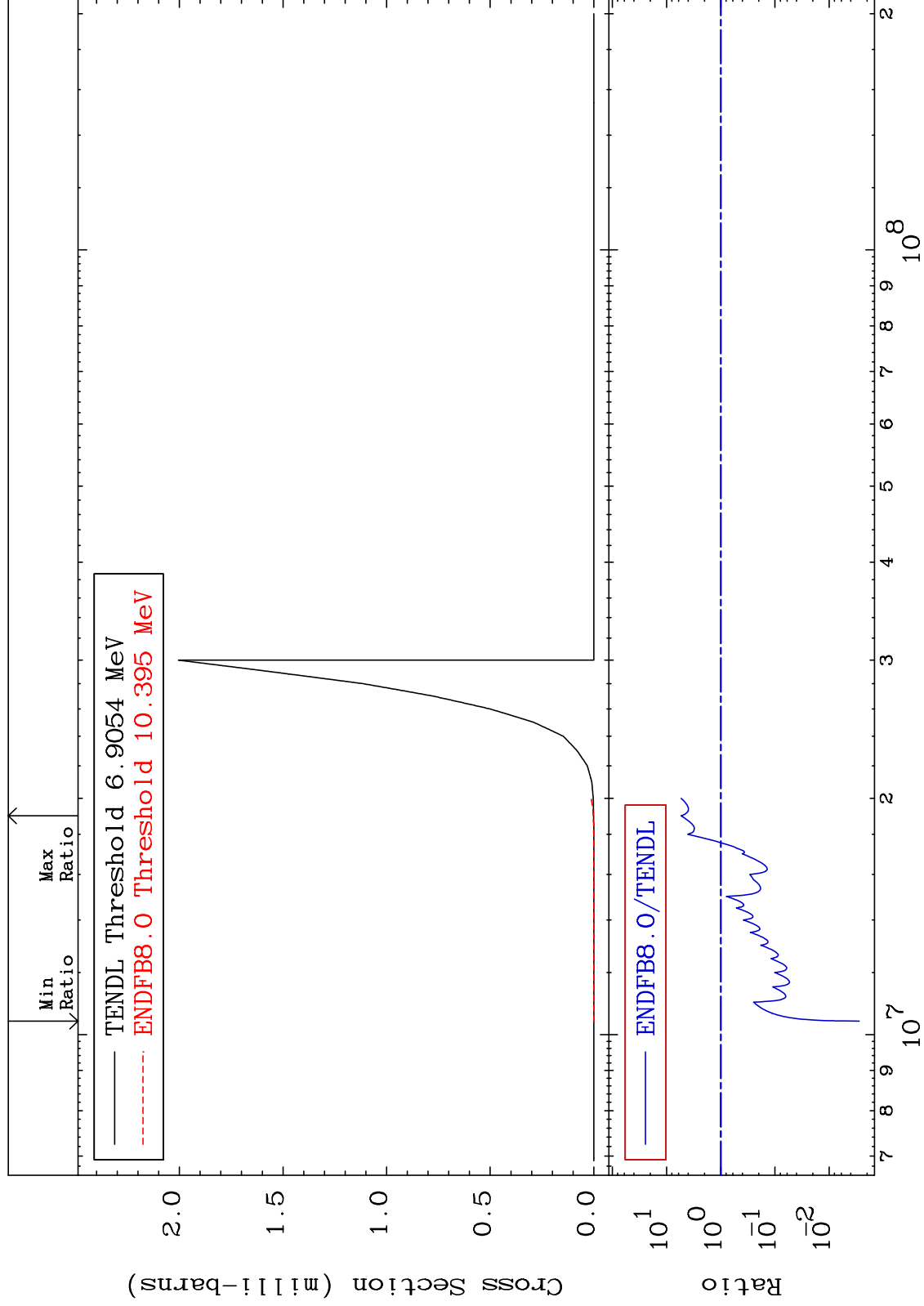
MAT 5031

(n, He-3)

50-Sn-114

Cross Section

-99.72 To 439.9 %



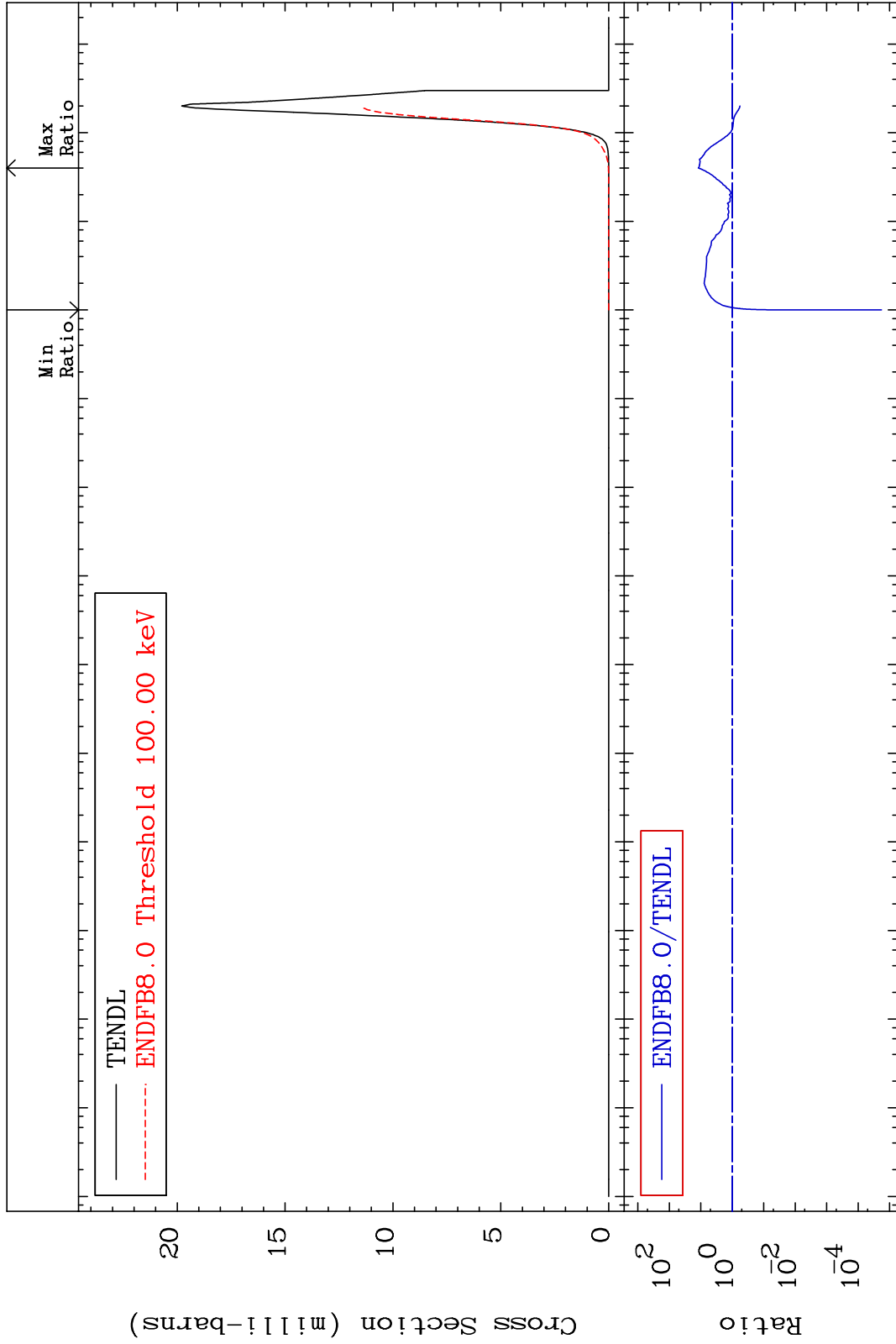
MAT 5031

(n, α)

50-Sn-114

Cross Section

-100.0 To 1100. %

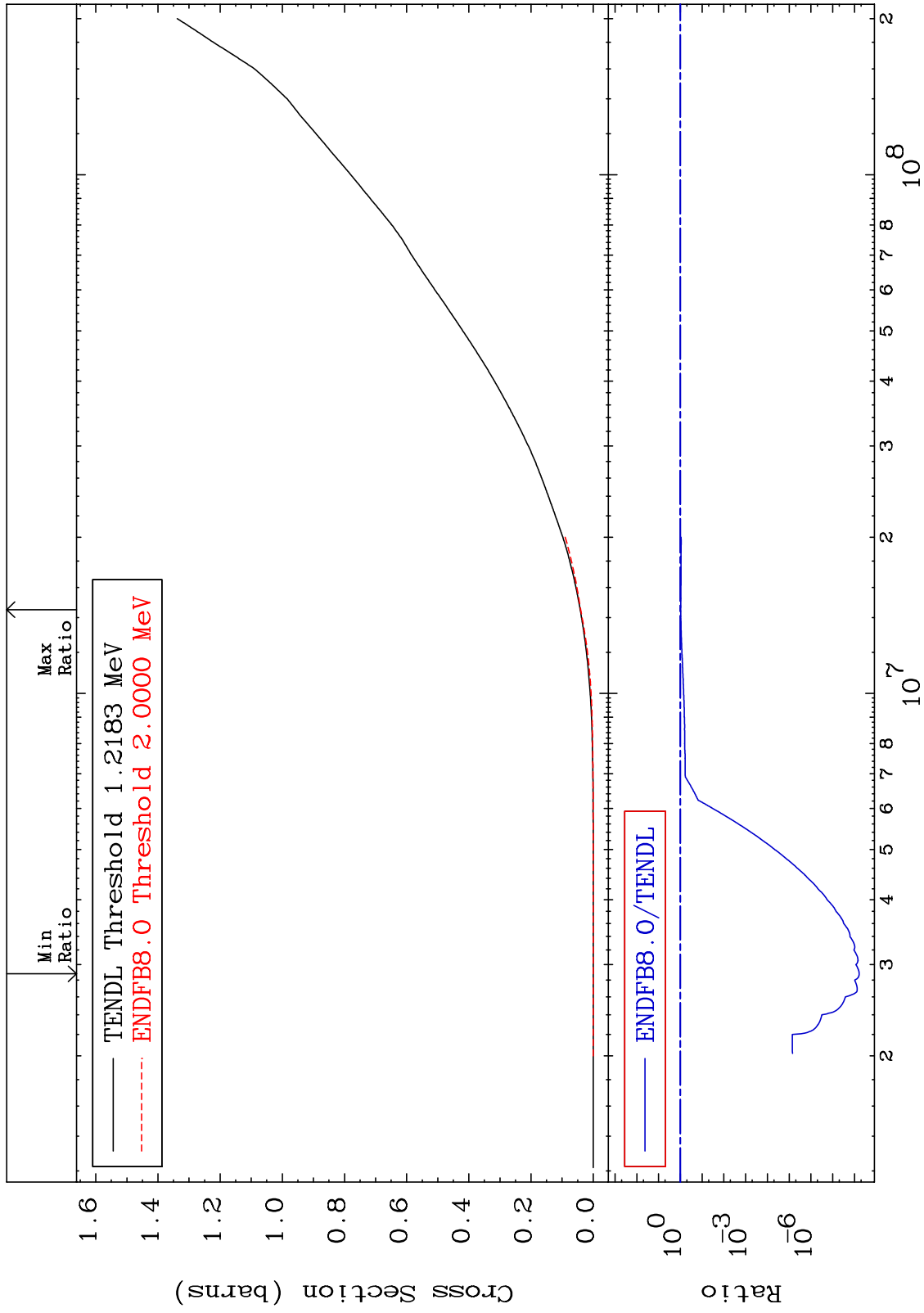


50-Sn-114

MAT 5031

Hydrogen Production
Cross Section

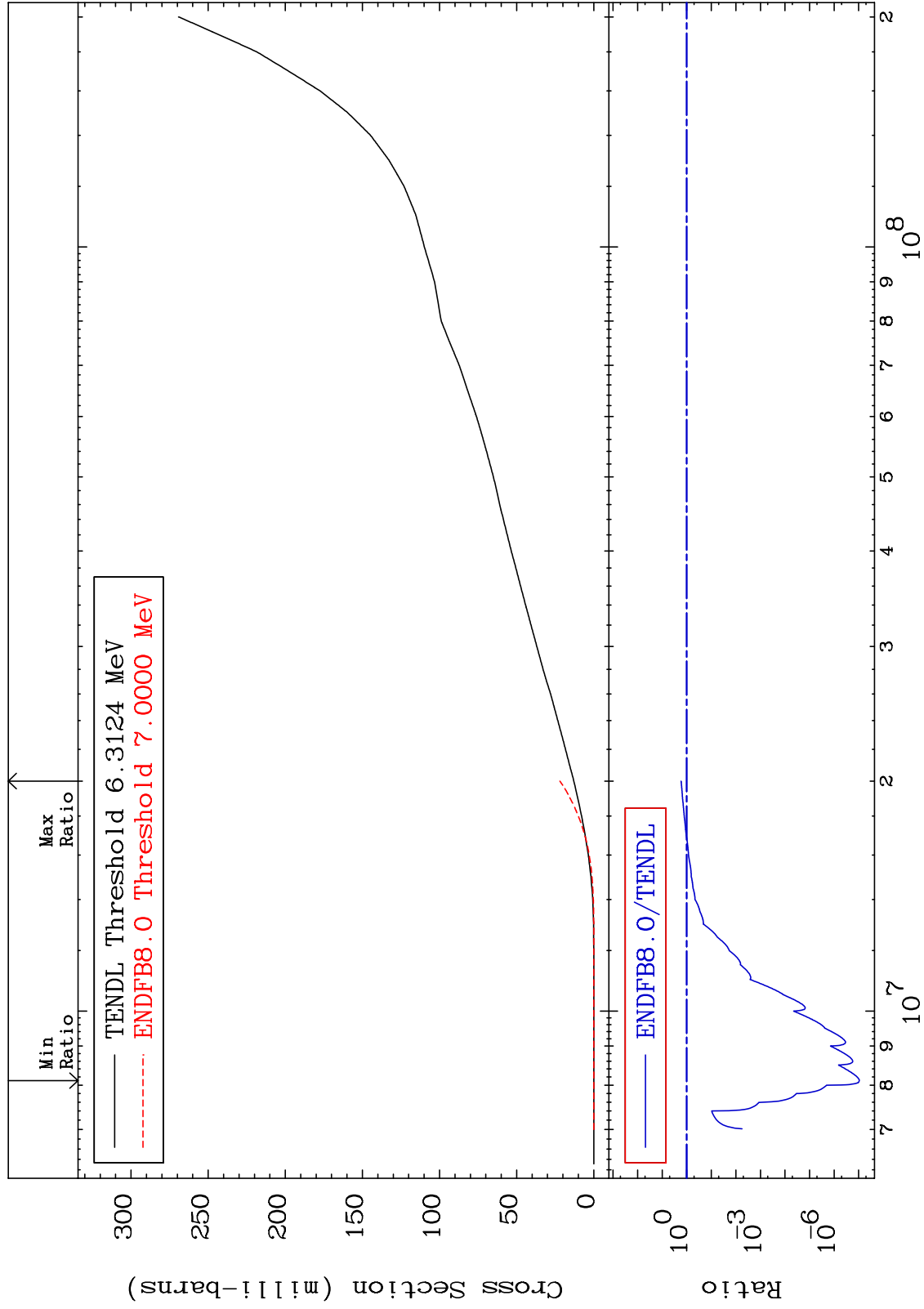
50-Sn-114
-100.0 To -3.004%



MAT 5031

Deuterium Production
Cross Section

50-Sn-114
-100.0 To 70.28 %



42

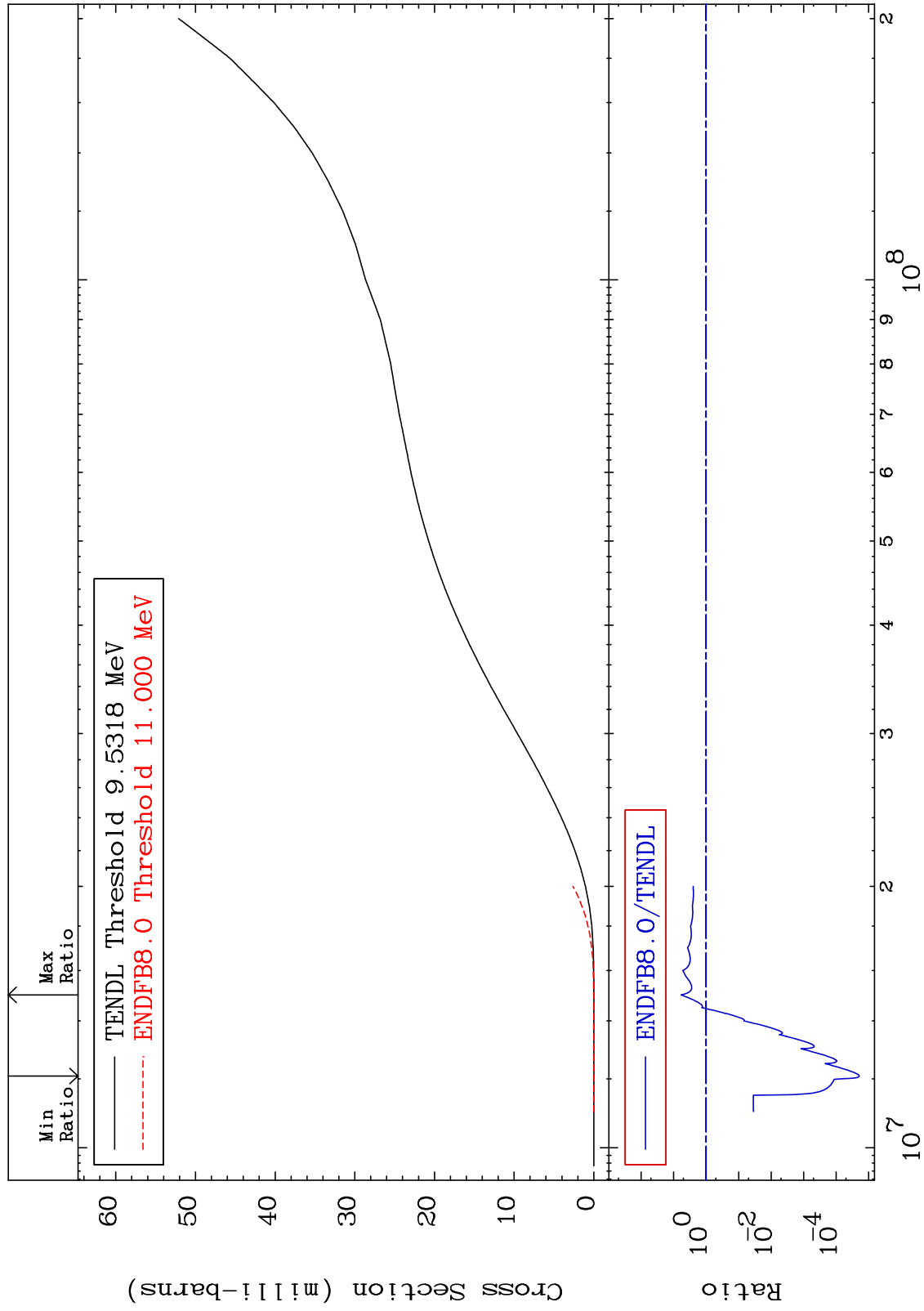
Incident Energy (eV)

50-Sn-114

MAT 5031

Tritium Production
Cross Section

50-Sn-114
-100.0 To 490.4 %



43

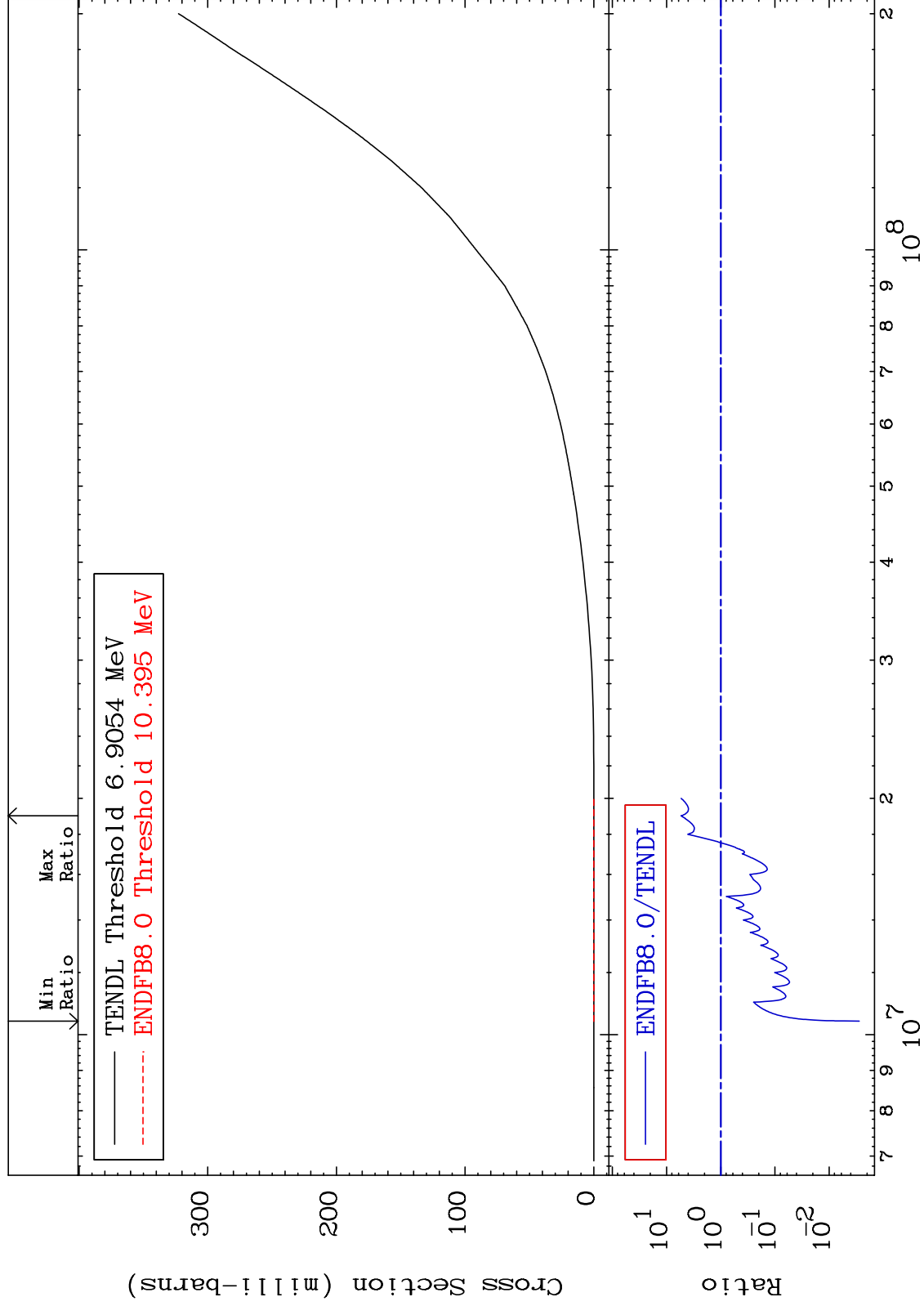
Incident Energy (eV)

50-Sn-114

MAT 5031

He-3 Production
Cross Section

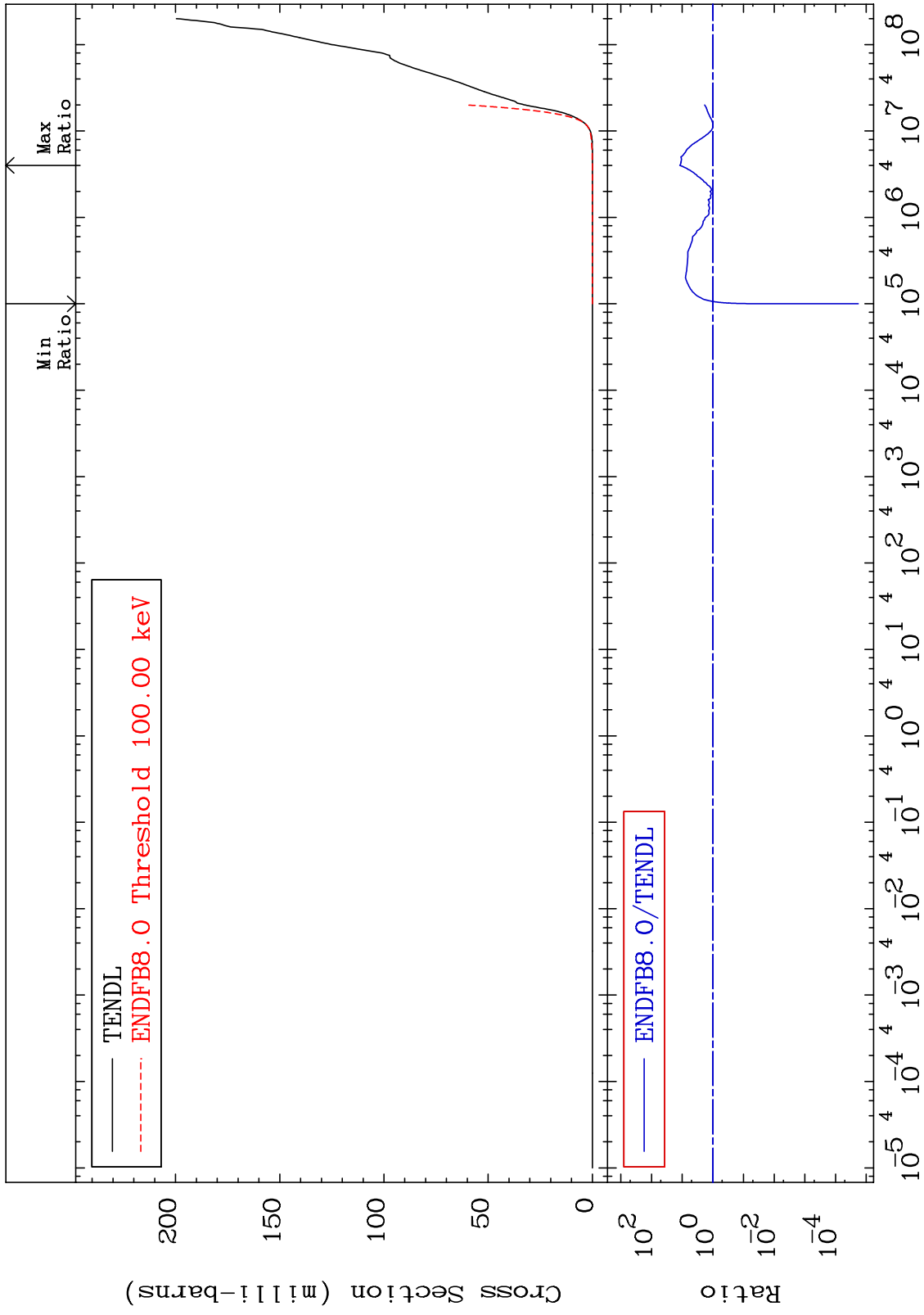
50-Sn-114
-99.72 To 439.9 %



MAT 5031

He-4 Production
Cross Section

50-Sn-114
-100.0 To 1100. %



45

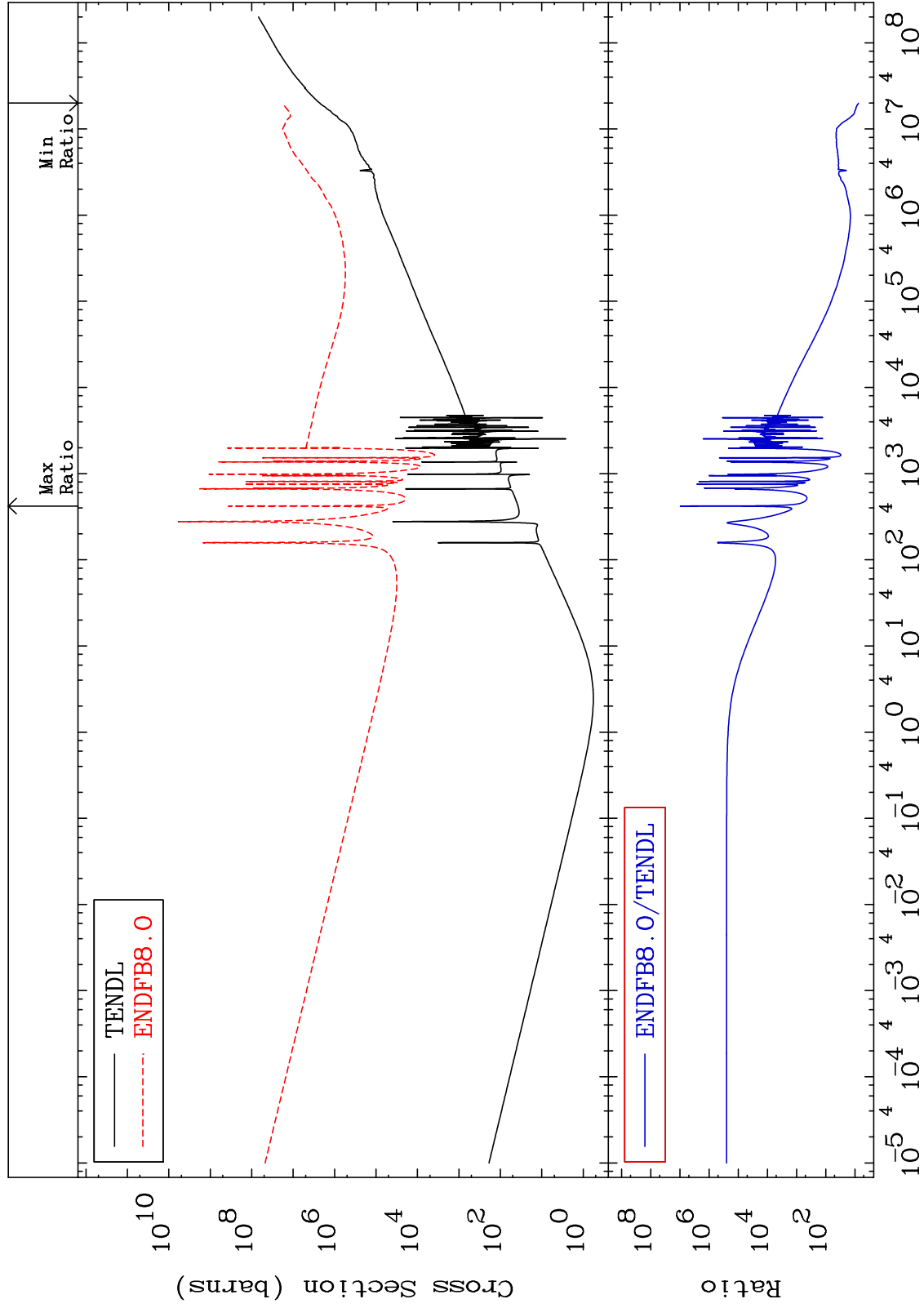
Incident Energy (eV)

50-Sn-114

MAT 5031

Kerma total (eV-barns)
Cross Section

50-Sn-114
656.1 To 9999. %



46

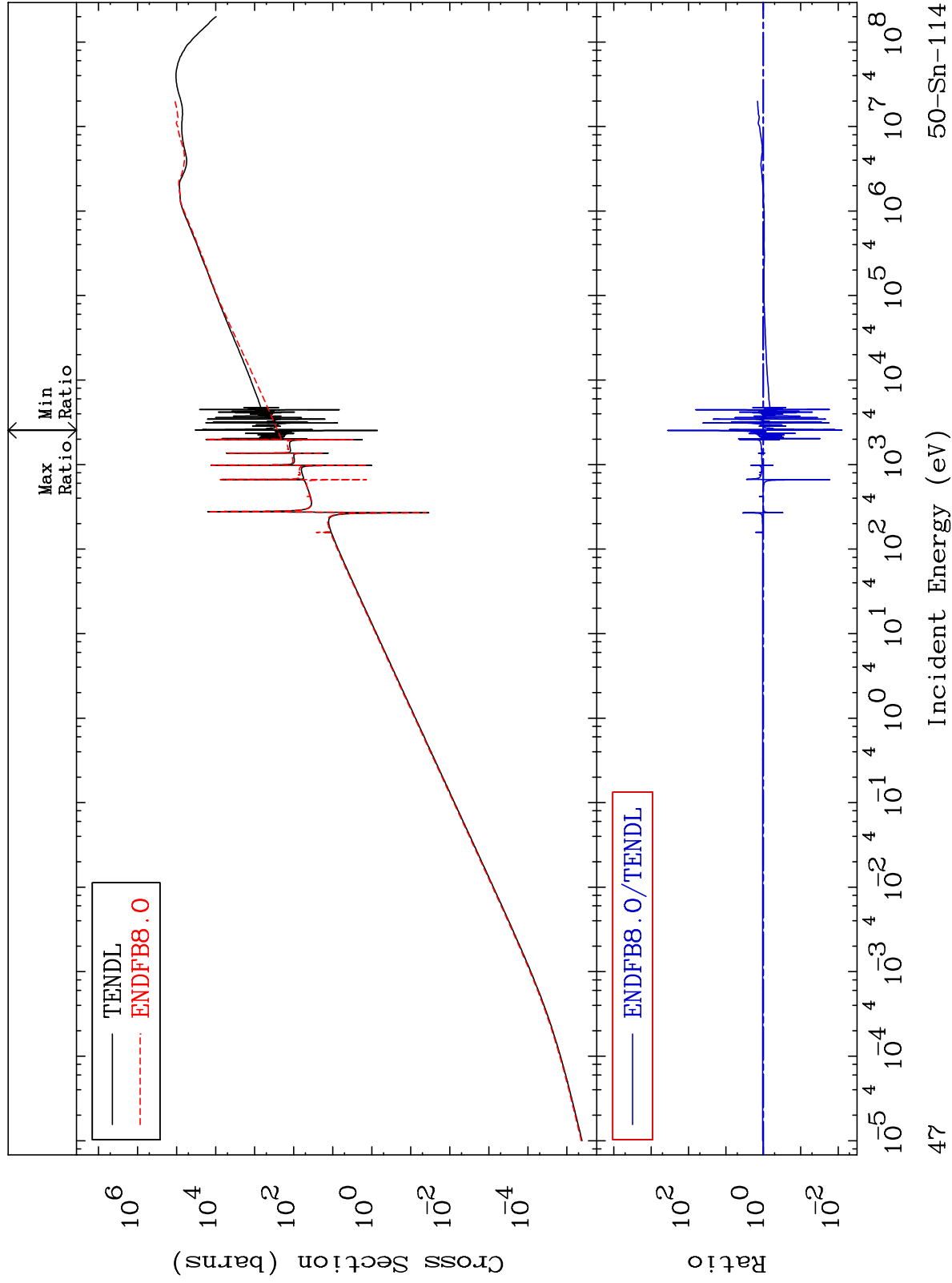
Incident Energy (eV)

50-Sn-114

MAT 5031

Kerma elastic
Cross Section

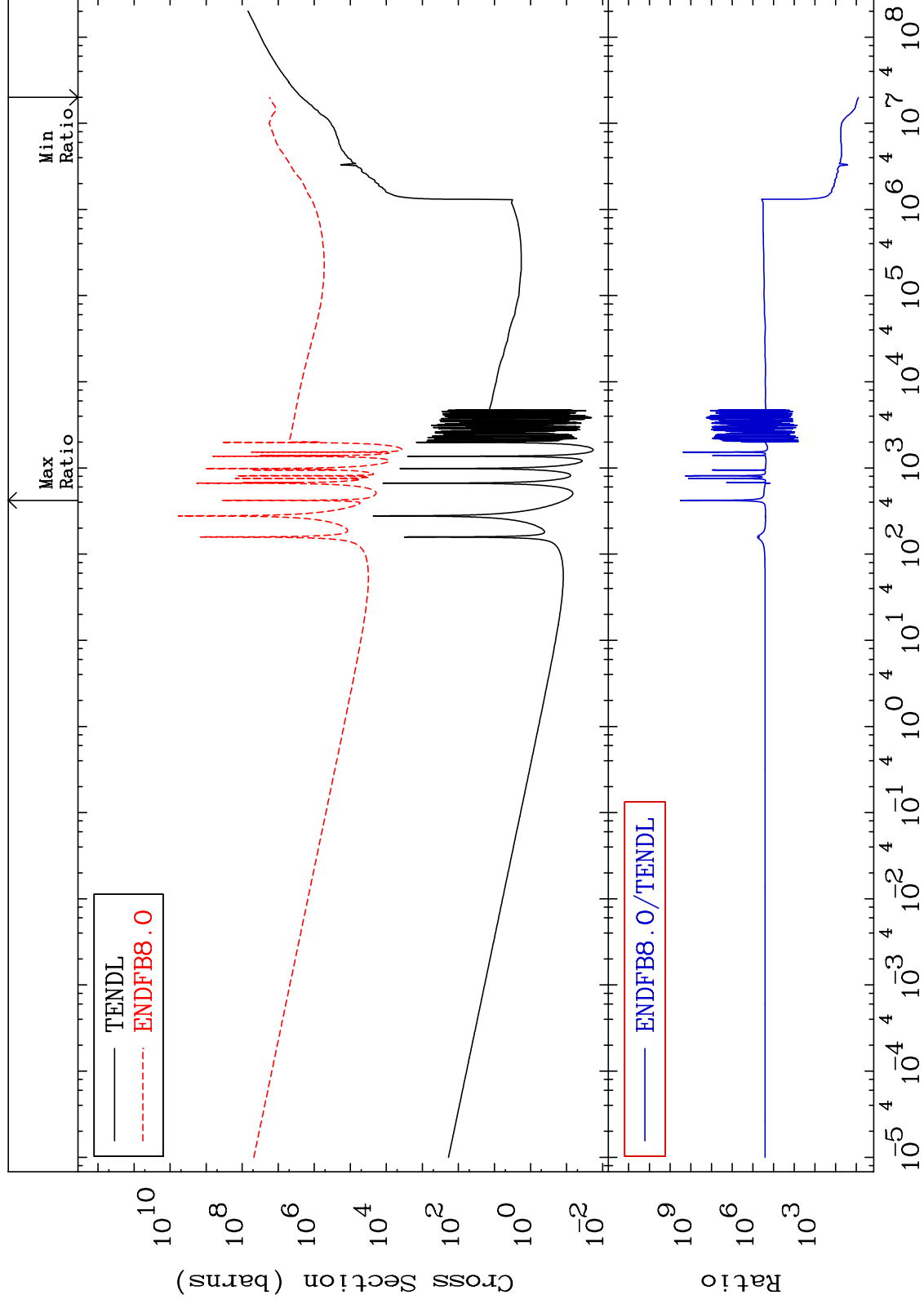
50-Sn-114
-99.22 To 9999. %



MAT 5031

Kerma non-elastic (all but mt2)
Cross Section

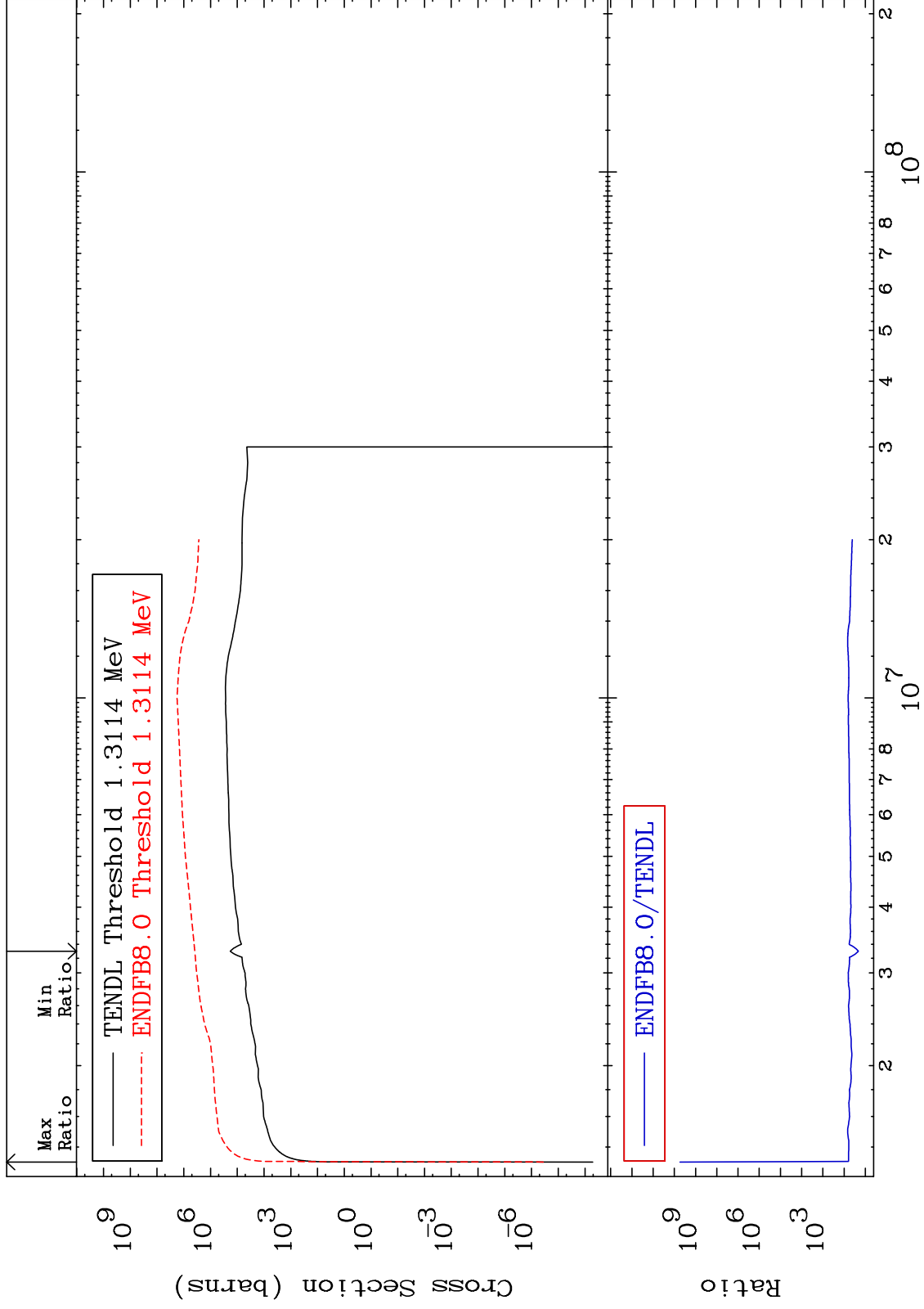
50-Sn-114
677.6 To 9999. %



MAT 5031

Kerma inelastic (mt51-91)
Cross Section

50-Sn-114
2019. To 9999. %

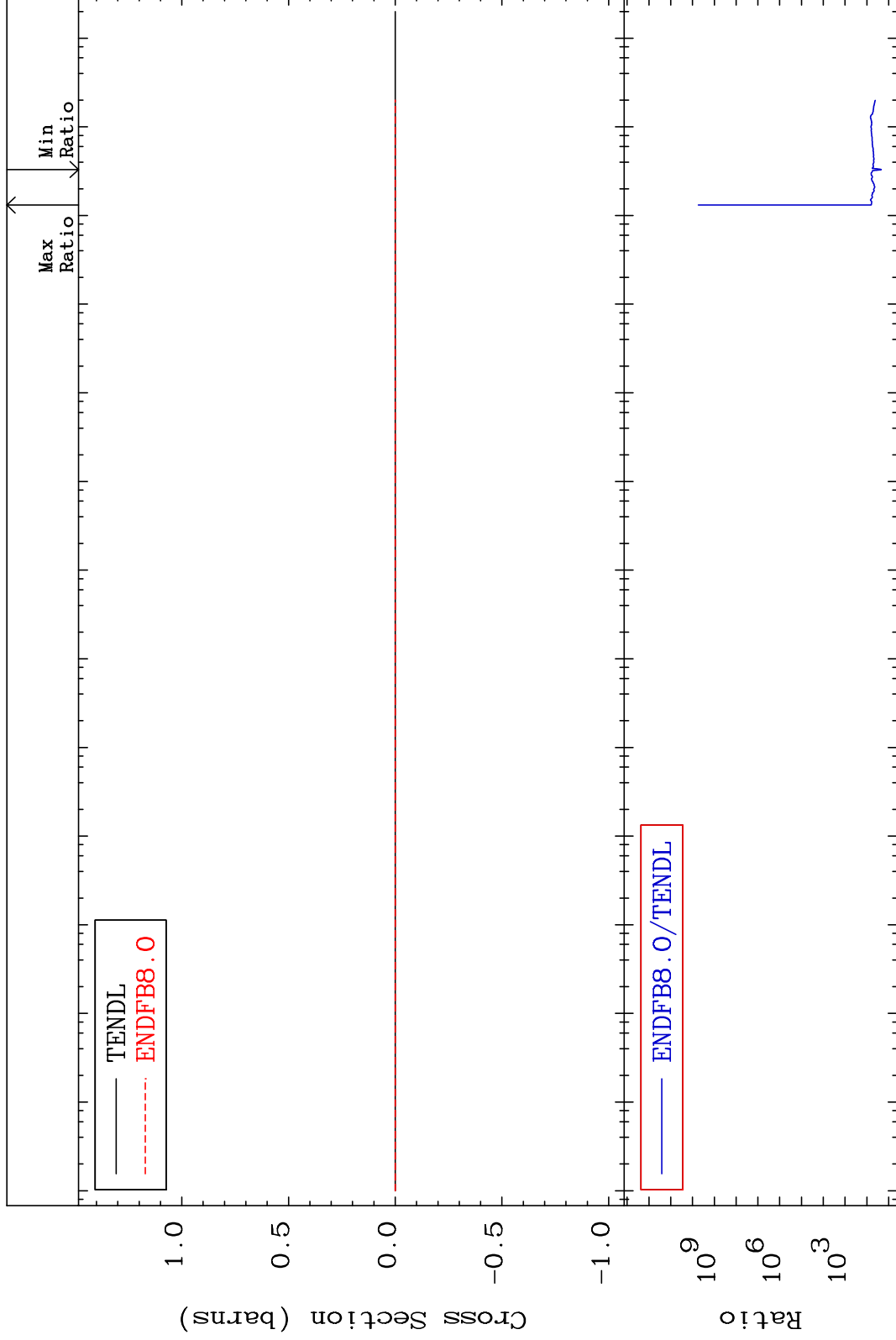


MAT 5031

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

2019. To 9999. %

50-Sn-114



50

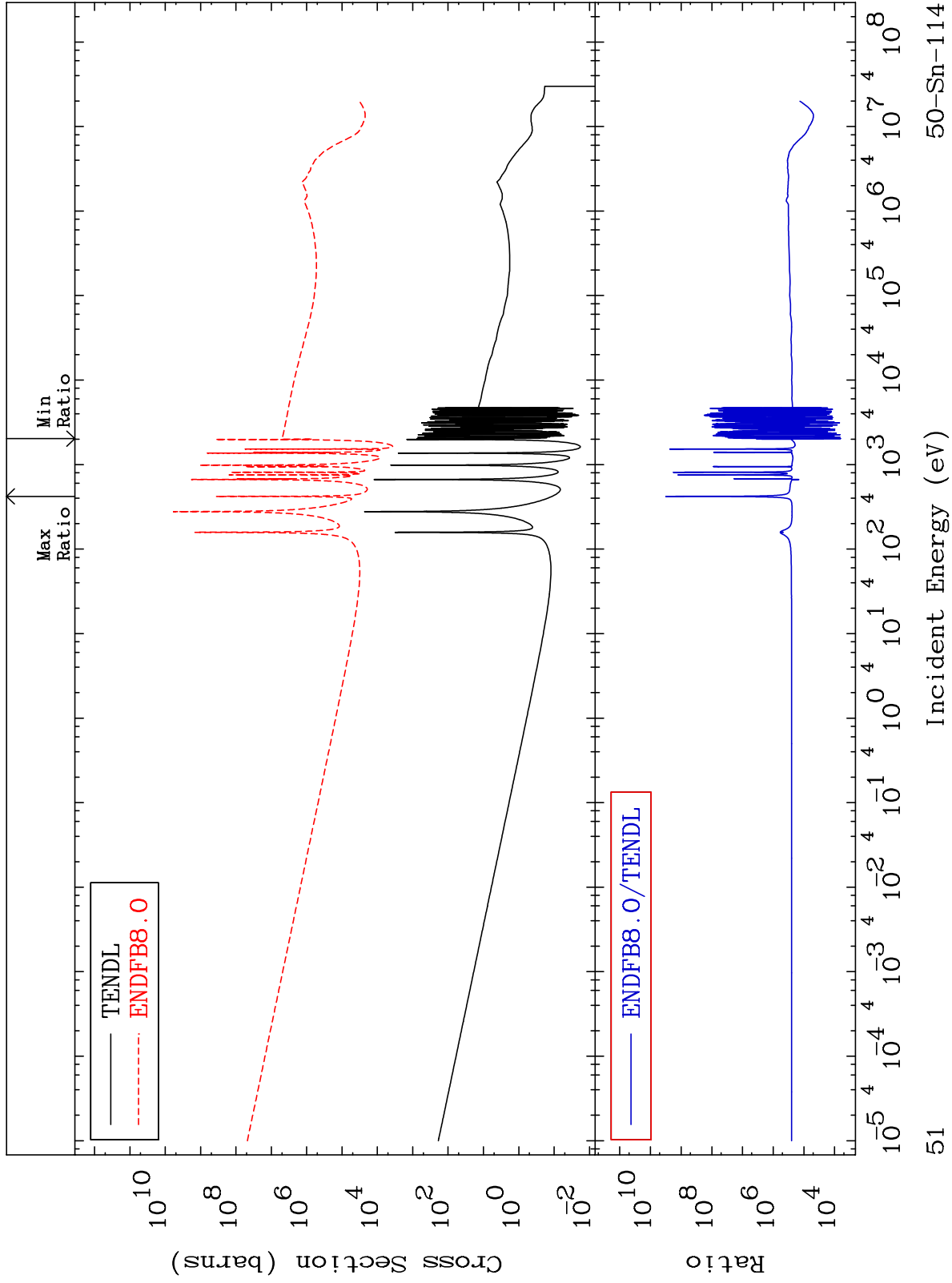
Incident Energy (eV)

50-Sn-114

MAT 5031

Kerma capture (mt102)
Cross Section

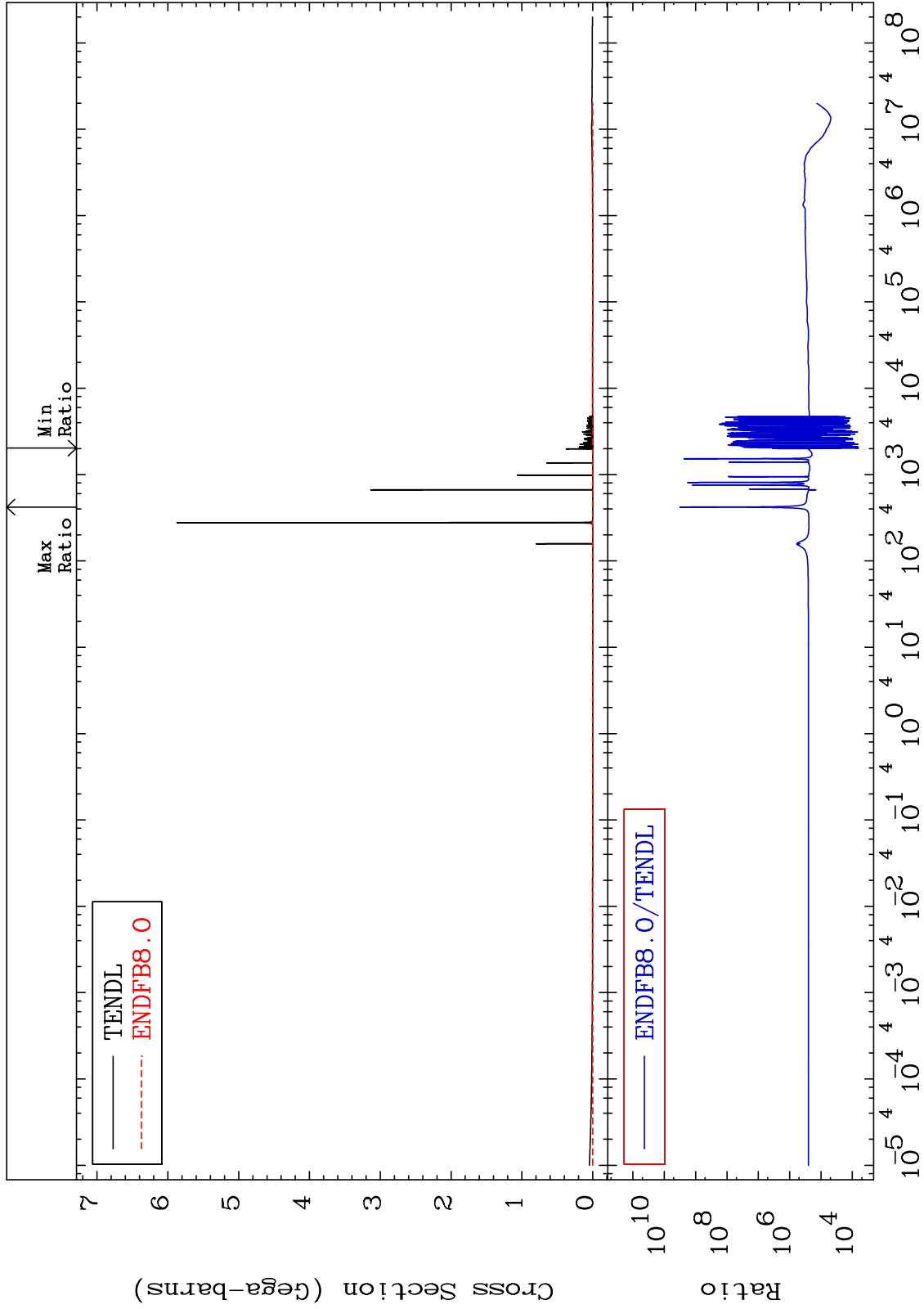
50-Sn-114
9999. To 9999. %



MAT 5031

Total photon (eV-barns)
Cross Section

50-Sn-114
9999. To 9999. %



52

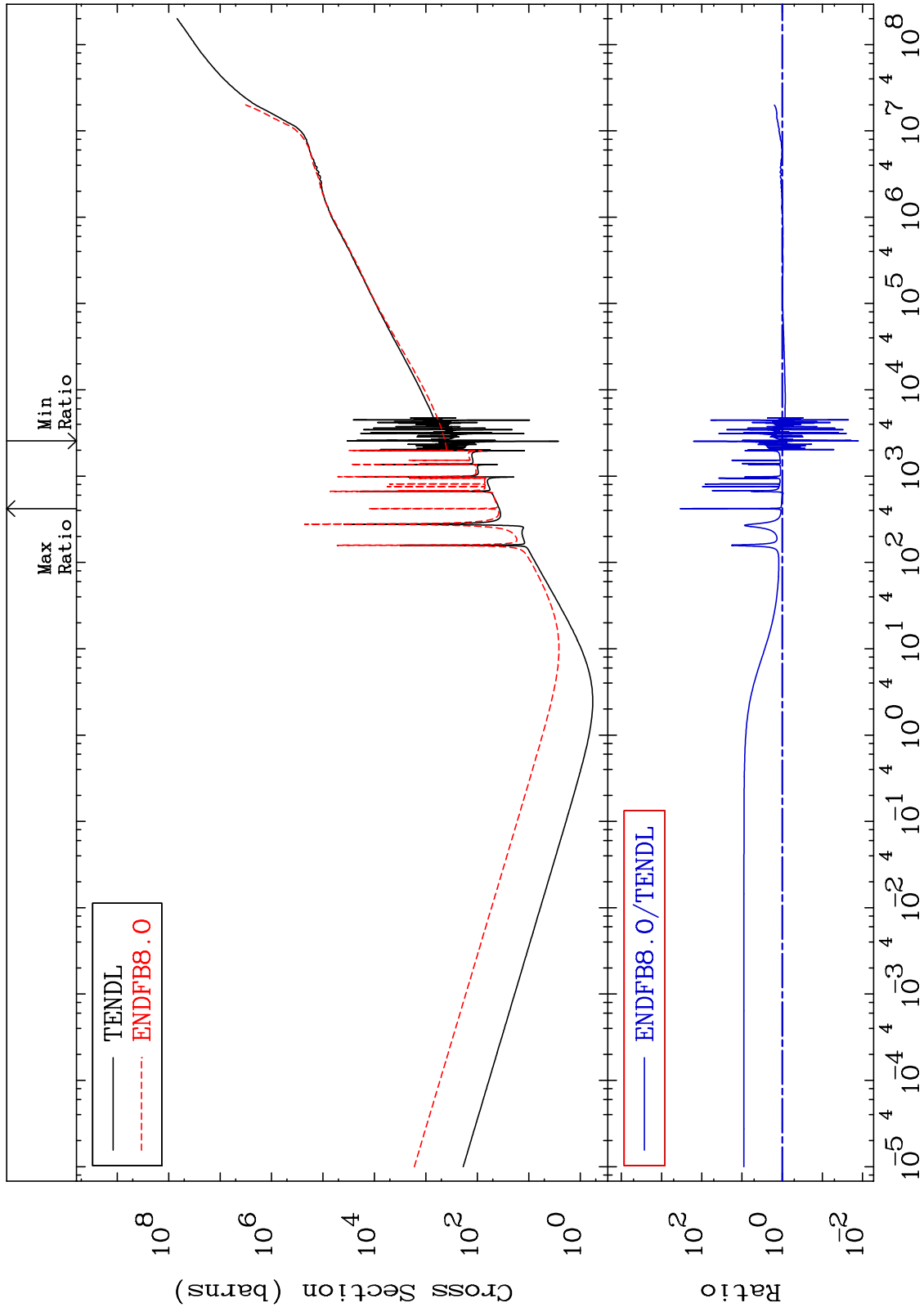
Incident Energy (eV)

50-Sn-114

MAT 5031

Total kinematic kerma (high limit)
Cross Section

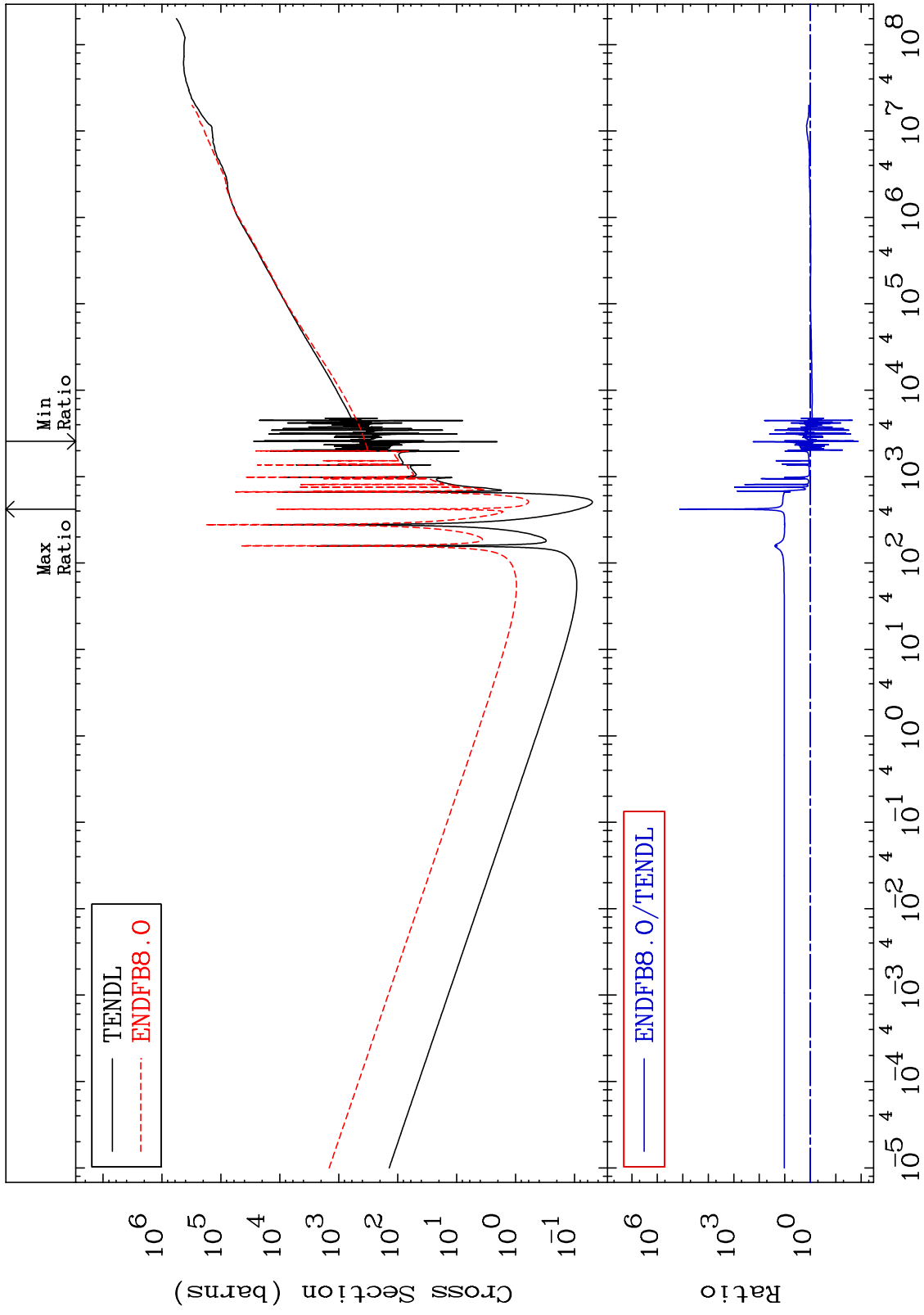
50-Sn-114
-98.73 To 9999. %



MAT 5031

Dpa total (eV-barns)
Cross Section

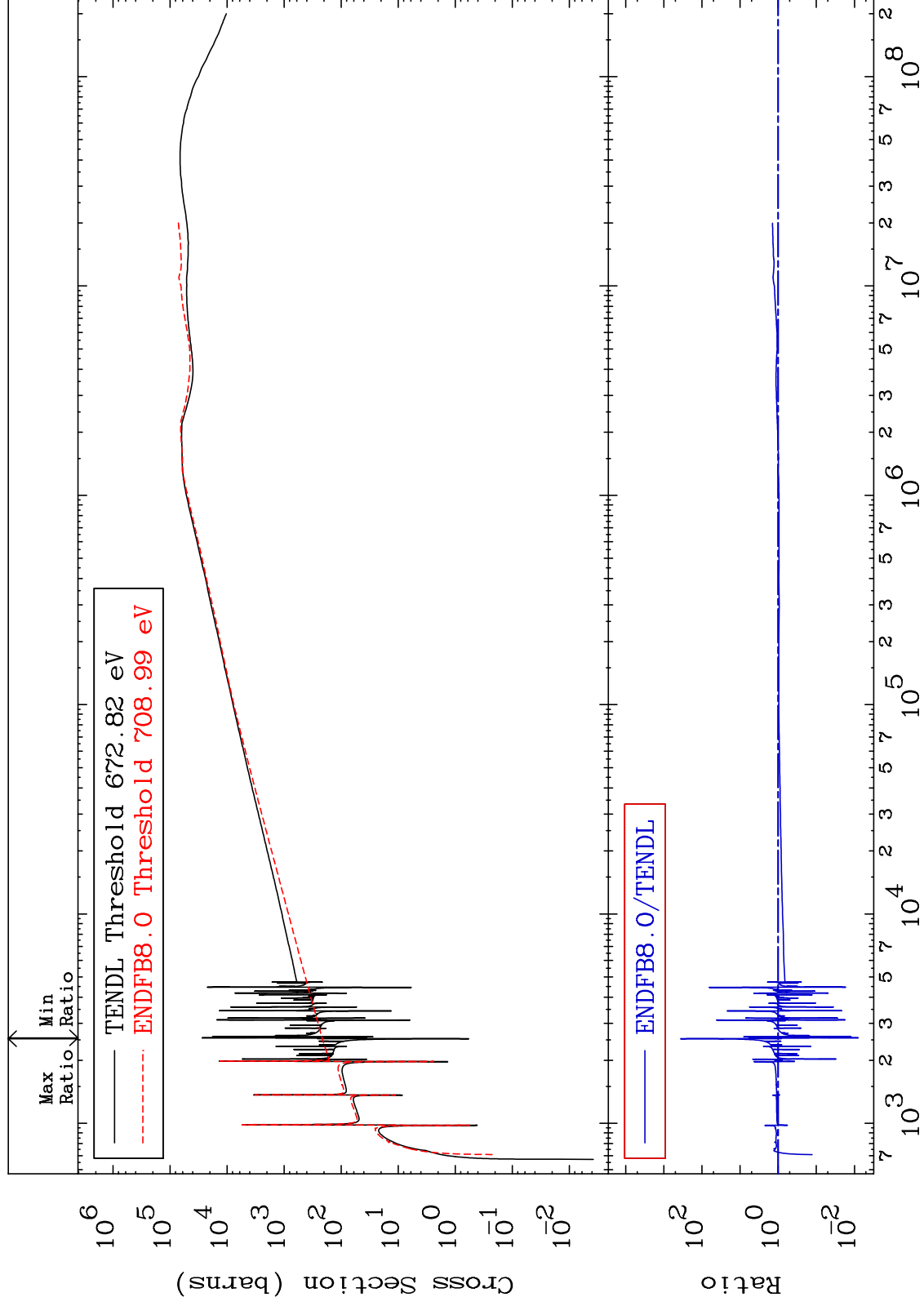
50-Sn-114
-98.70 To 9999. %



MAT 5031

Dpa elastic (mt2)
Cross Section

50-Sn-114
-99.22 To 9999. %



55

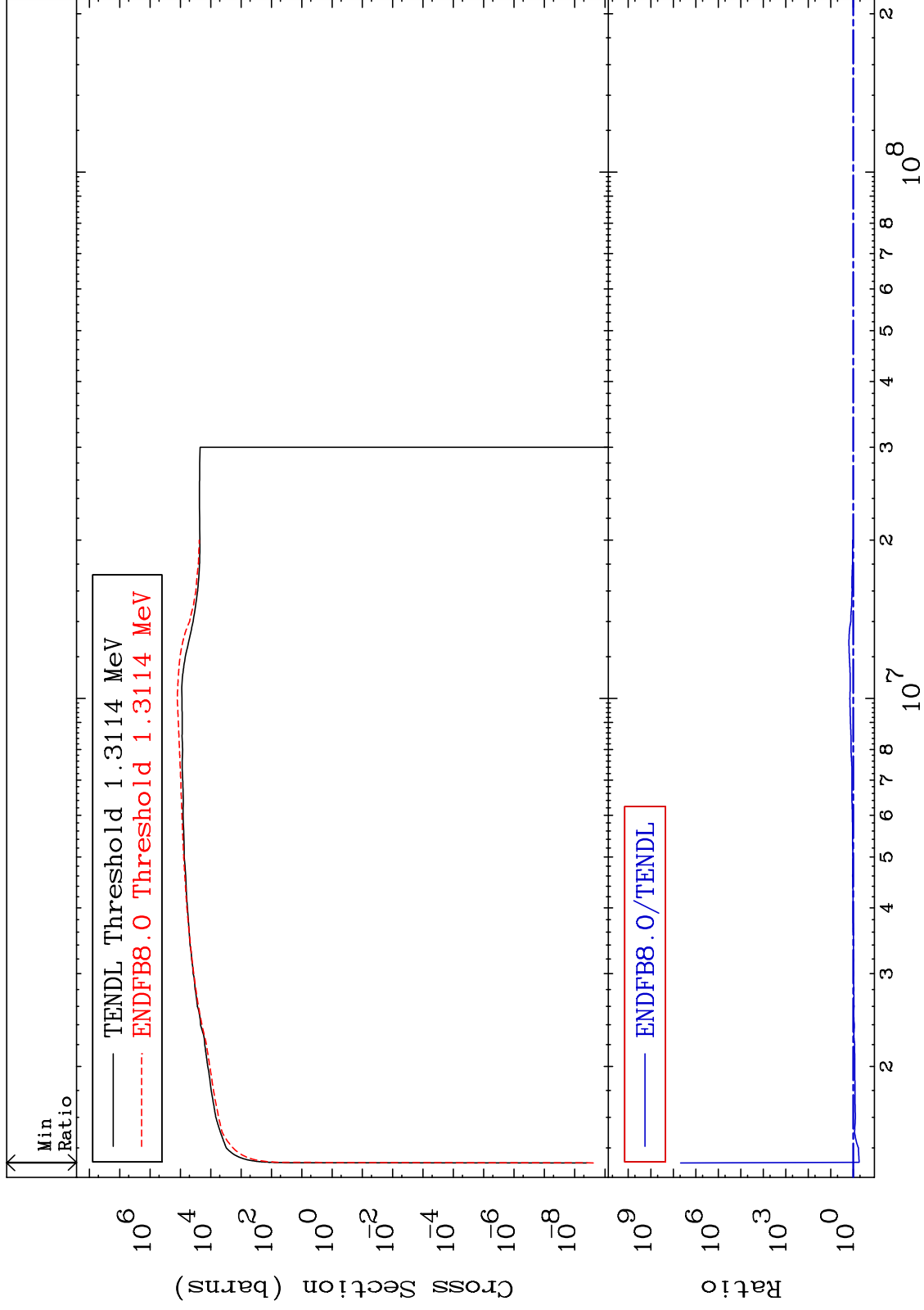
Incident Energy (eV)

50-Sn-114

MAT 5031

Dpa inelastic (mt51-91)
Cross Section

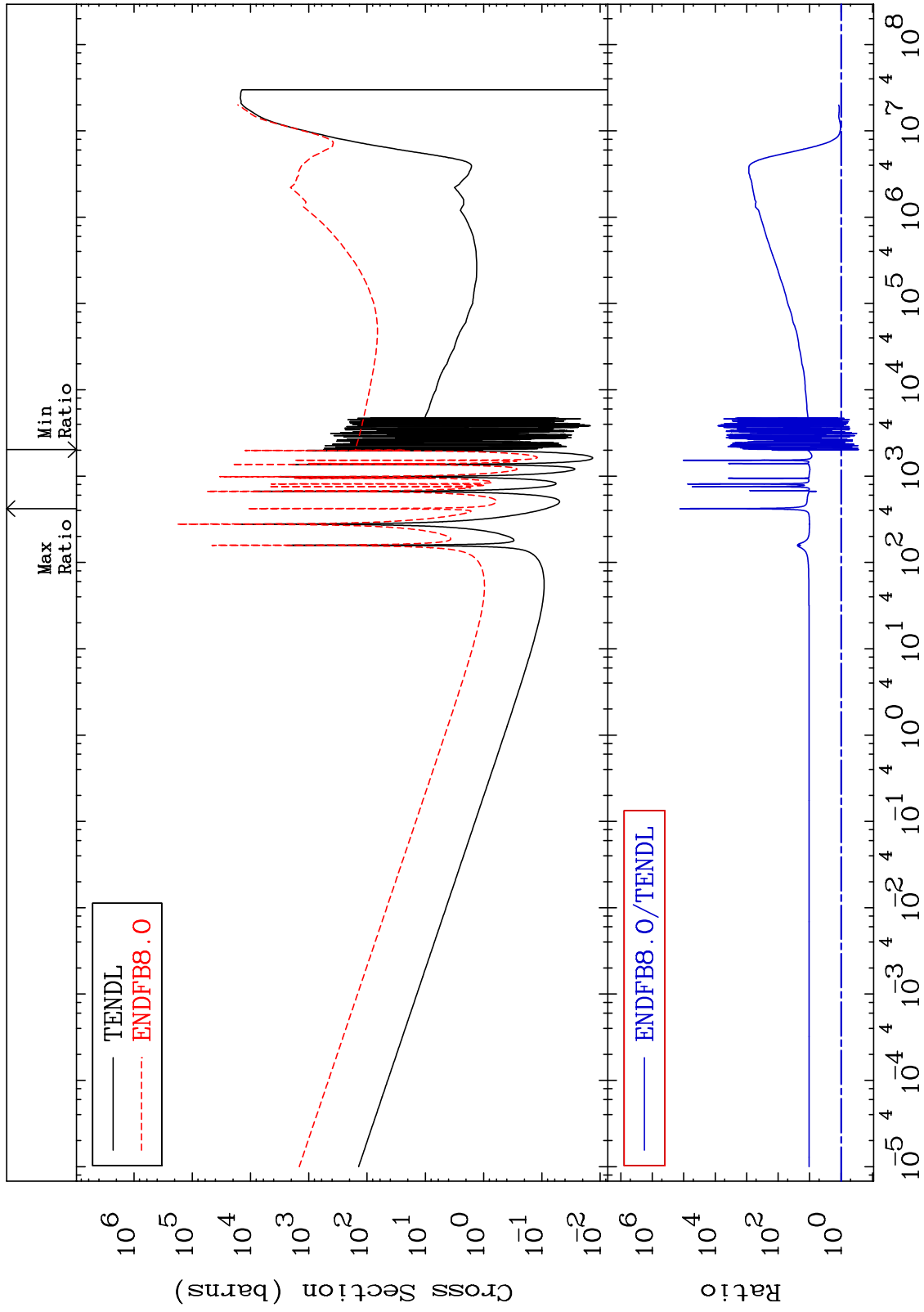
50-Sn-114
-45.00 To 9999. %



MAT 5031

Dpa disappearance (mt102 -120)
Cross Section

50-Sn-114
-71.87 To 9999. %



57

Incident Energy (eV)

50-Sn-114