

Program Complot
(Version 2018-1)

by

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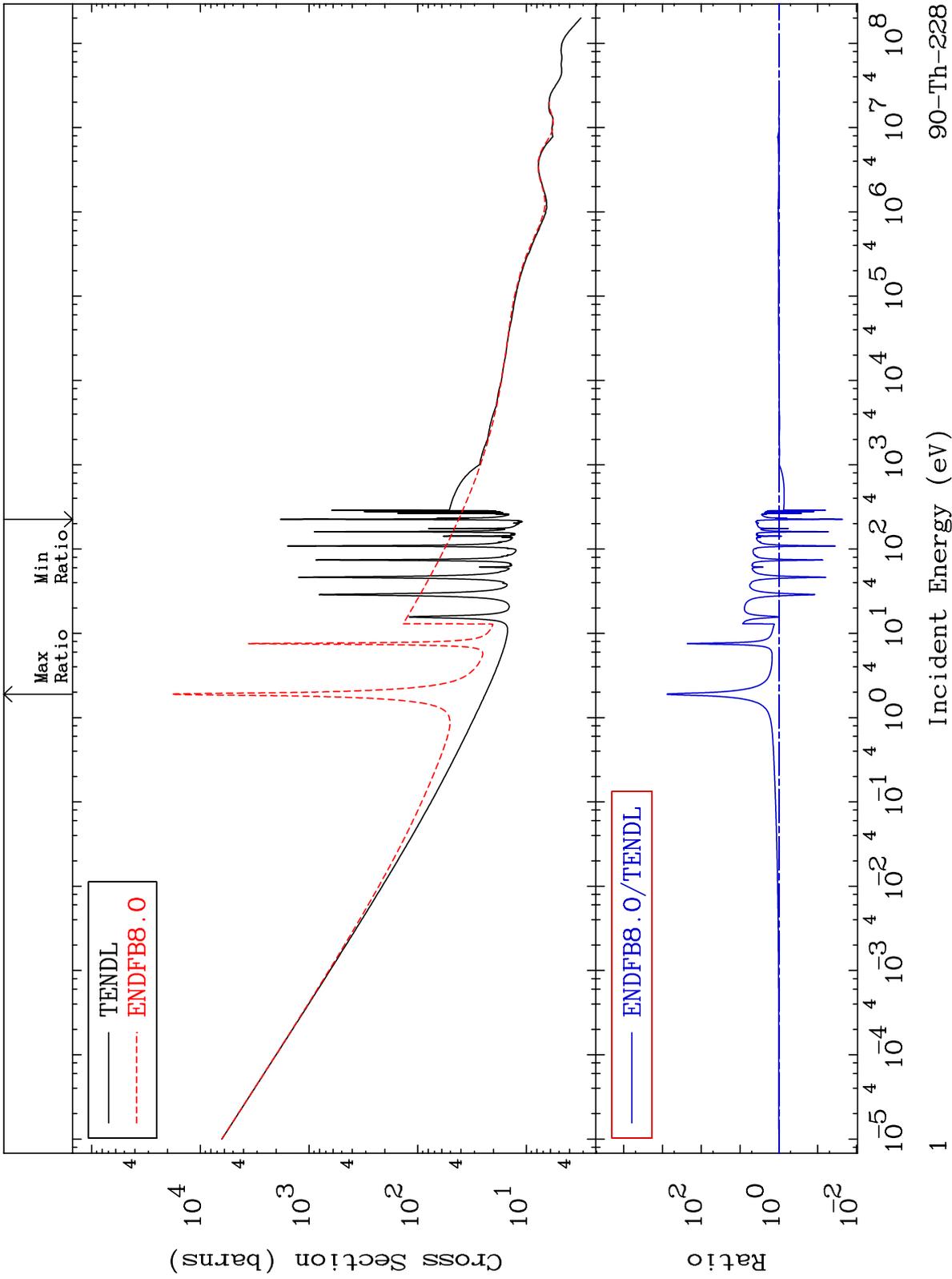
Press Mouse Button to Start

MAT 9028

90-Th-228

-97.72 To 9999. %

Total
Cross Section



90-Th-228

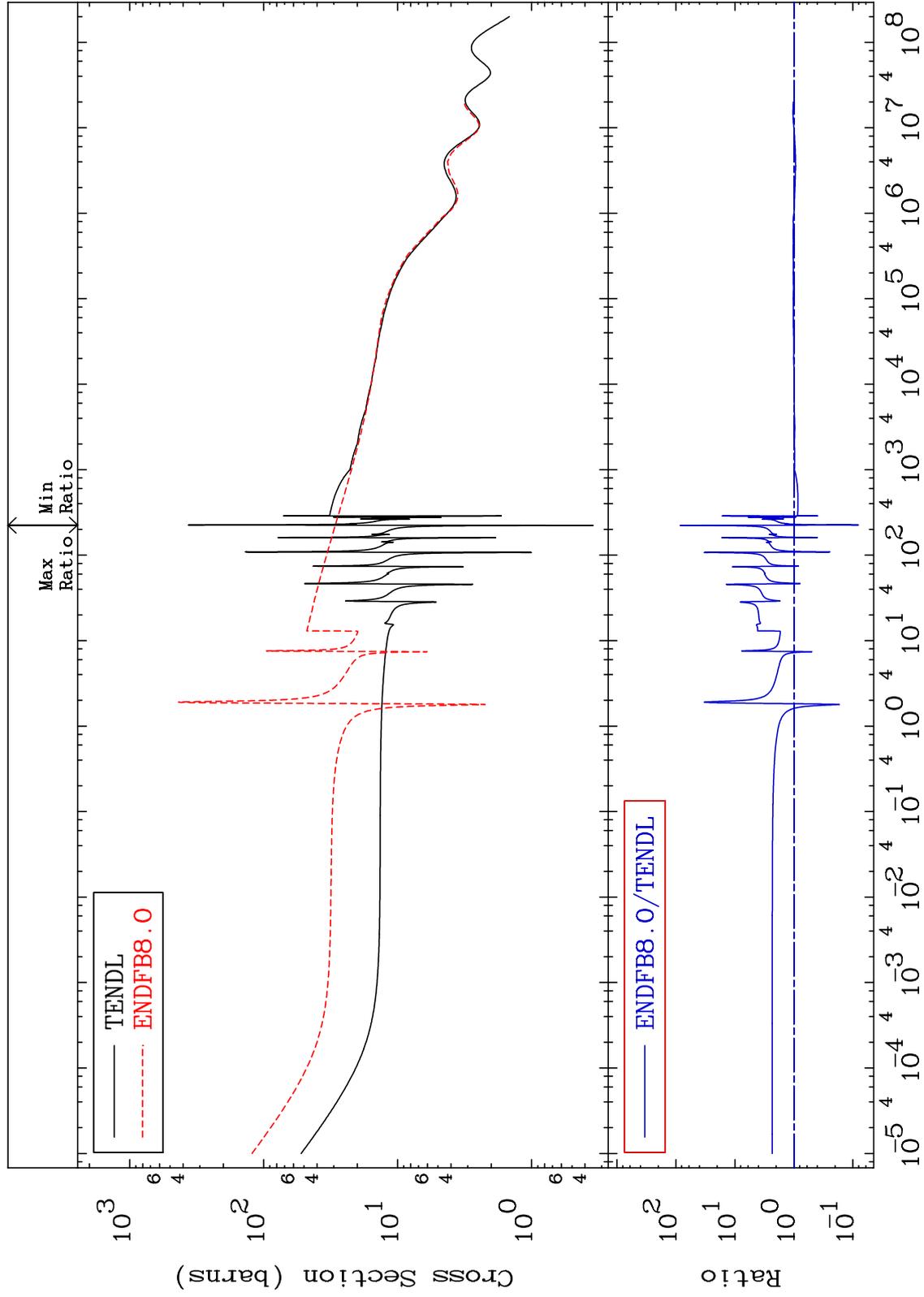
MAT 9028

Elastic

90-Th-228

Cross Section

-91.97 To 8321. %



2

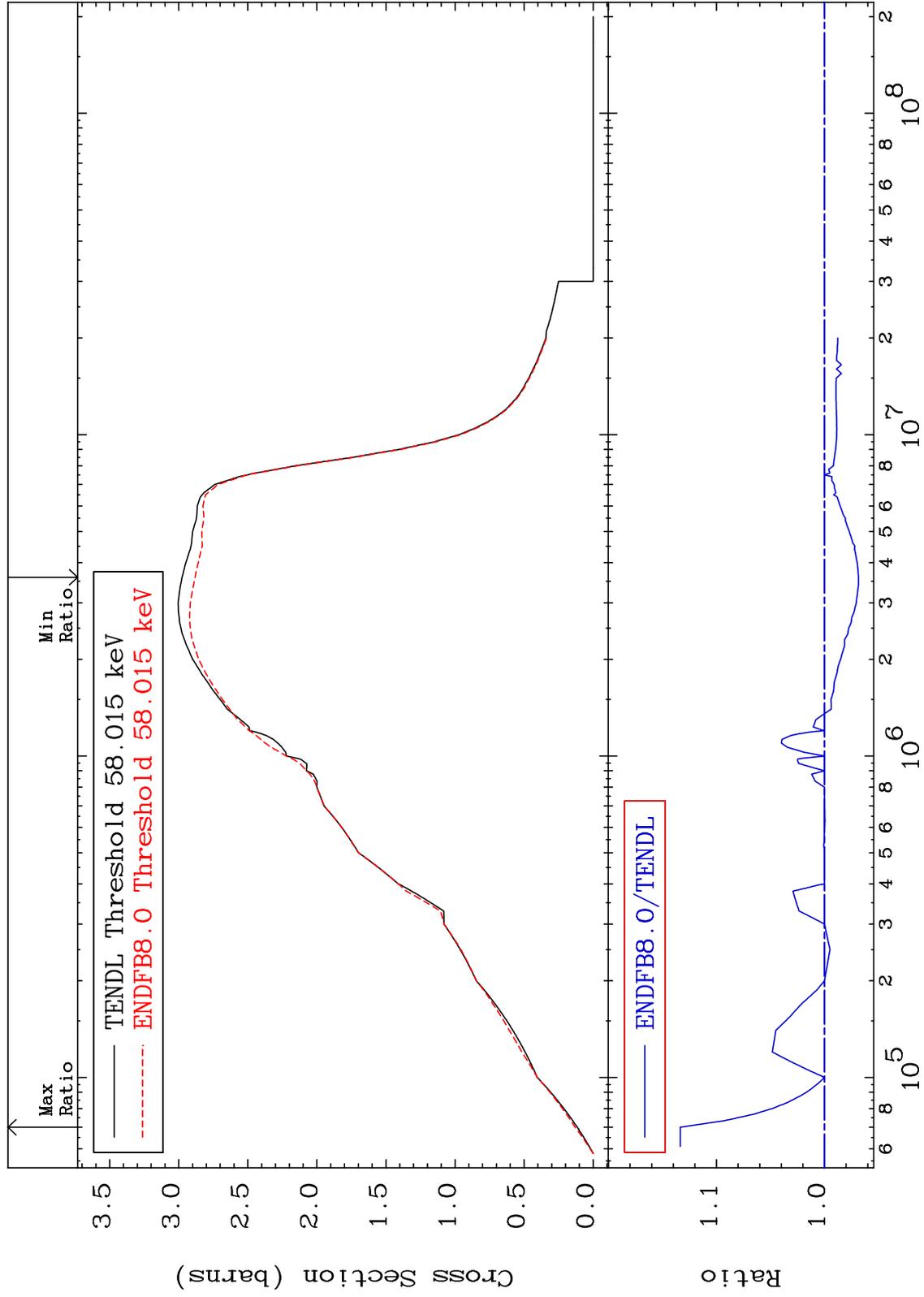
Incident Energy (eV)

90-Th-228

MAT 9028

Inelastic
Cross Section

90-Th-228
-3.146 To 13.34 %



3

Incident Energy (eV)

90-Th-228

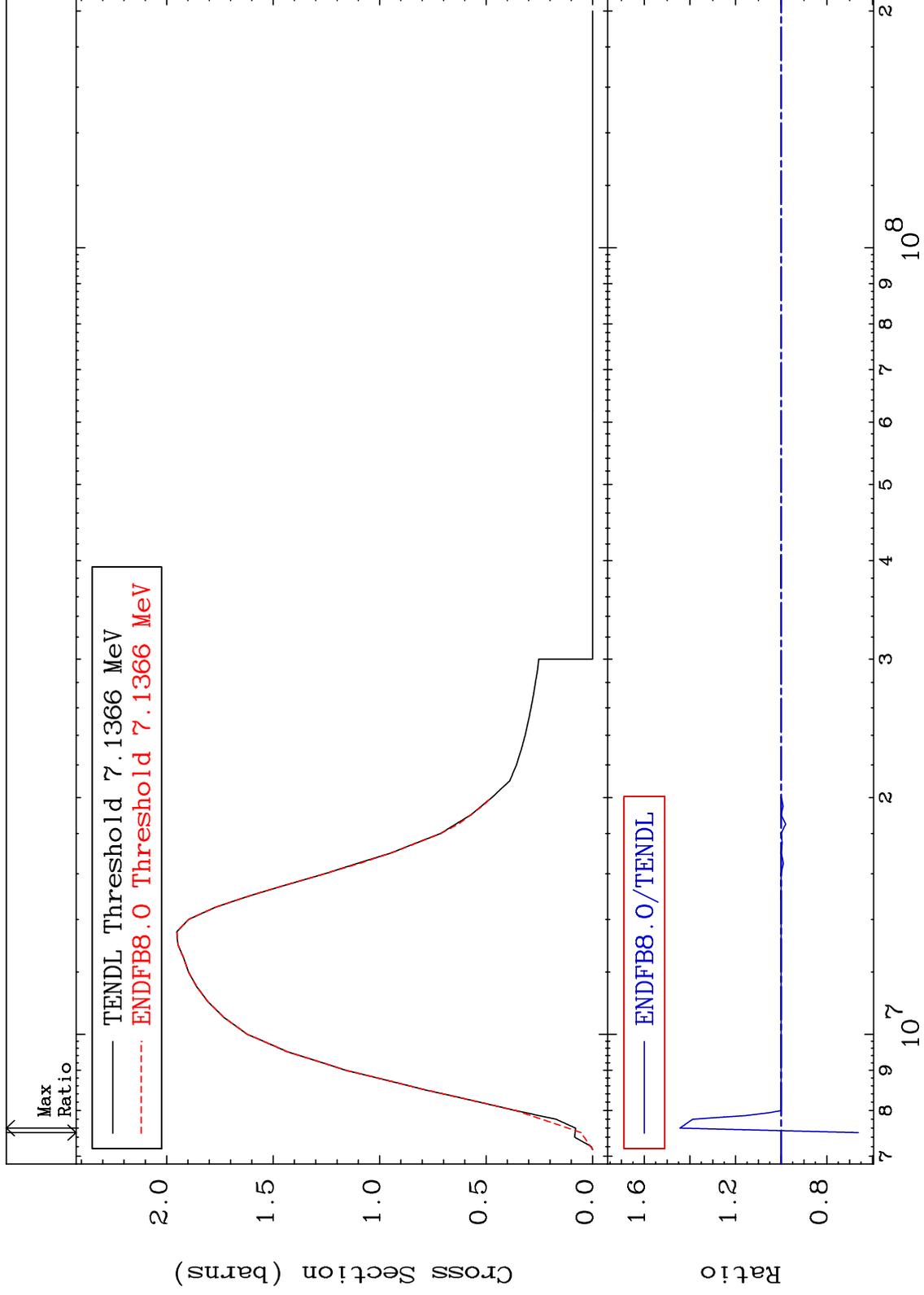
MAT 9028

(n,2n)

90-Th-228

Cross Section

-33.83 To 44.38 %



4

Incident Energy (eV)

90-Th-228

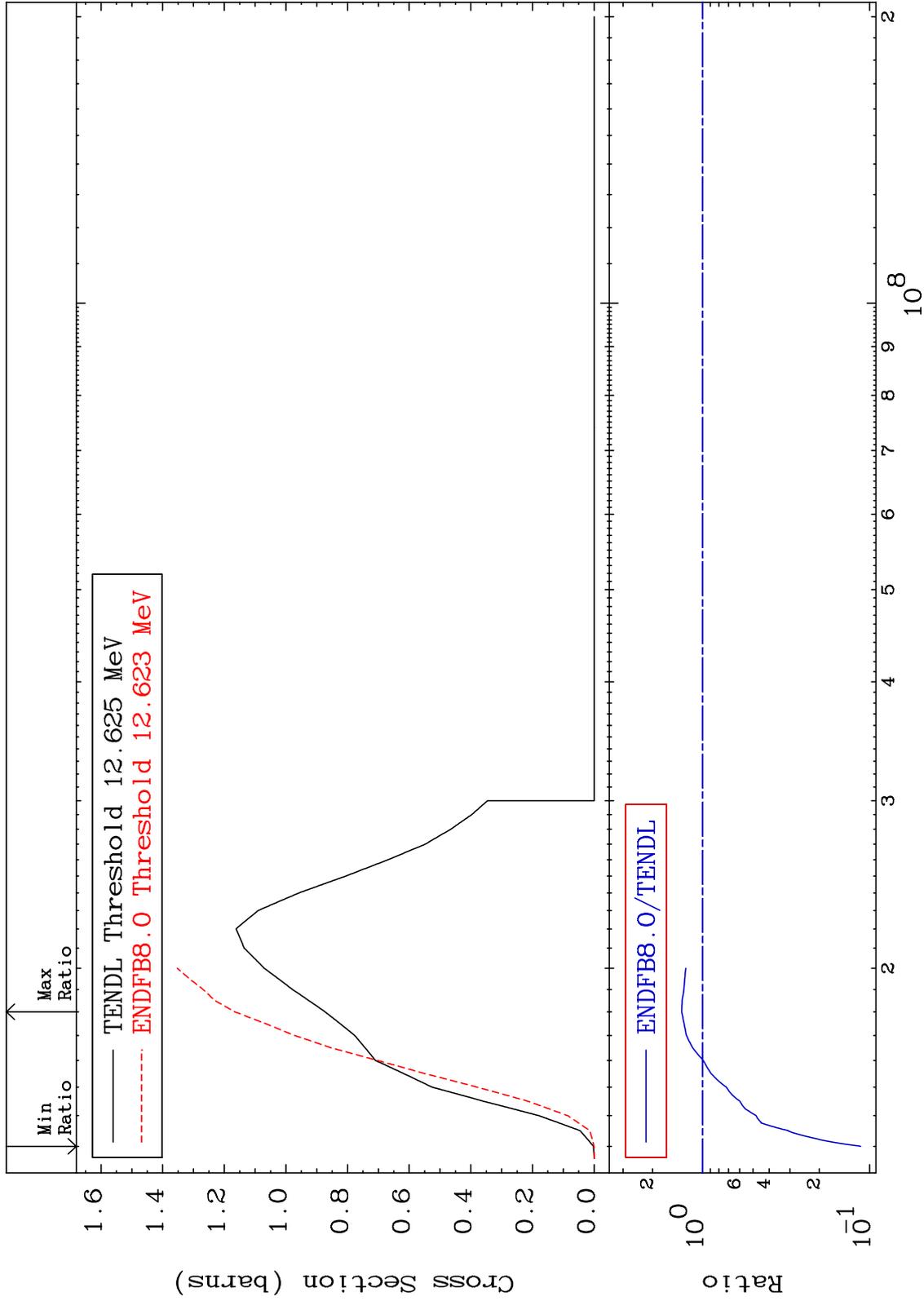
MAT 9028

(n, 3n)

90-Th-228

Cross Section

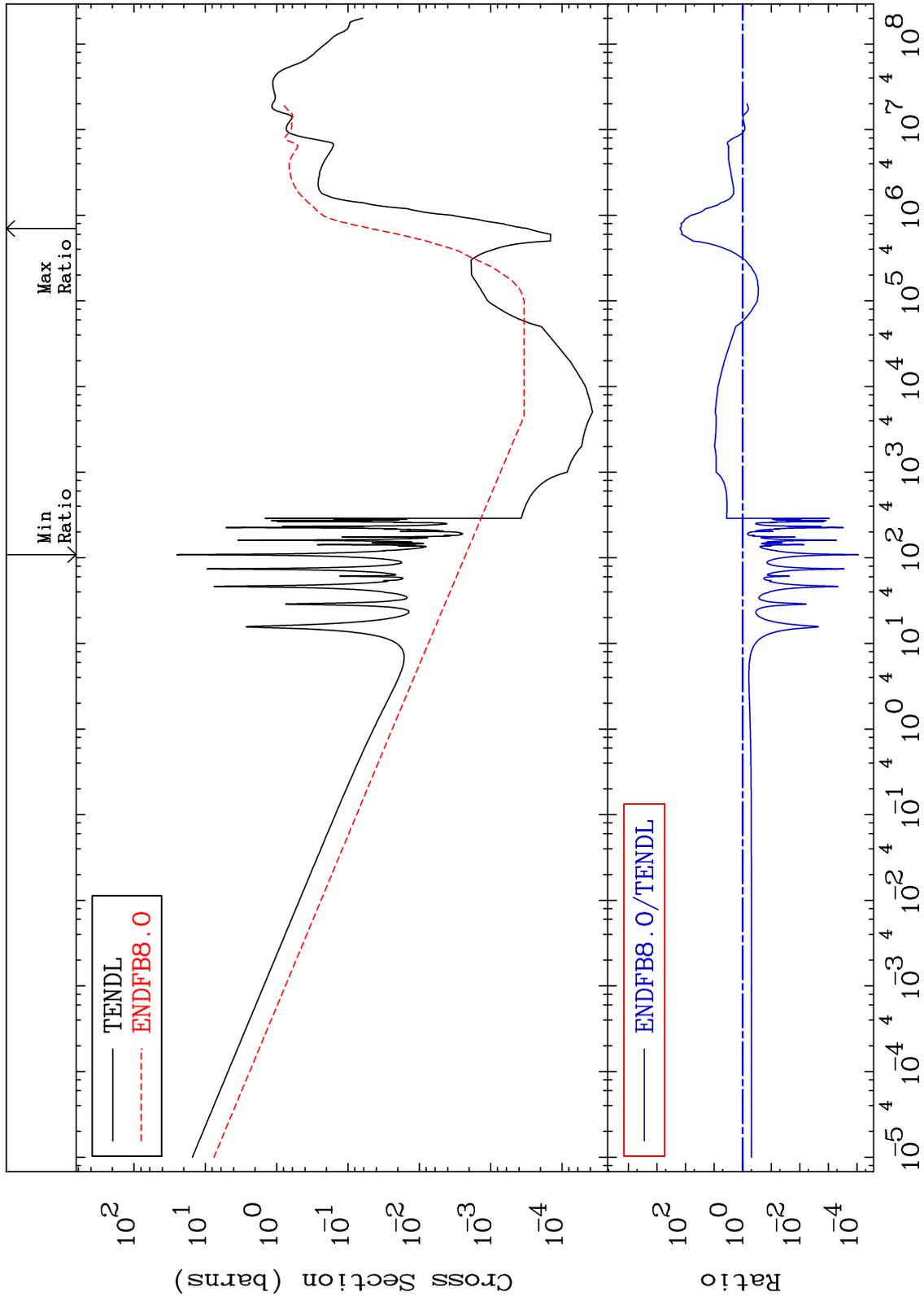
-88.70 To 33.55 %



MAT 9028

Fission Cross Section

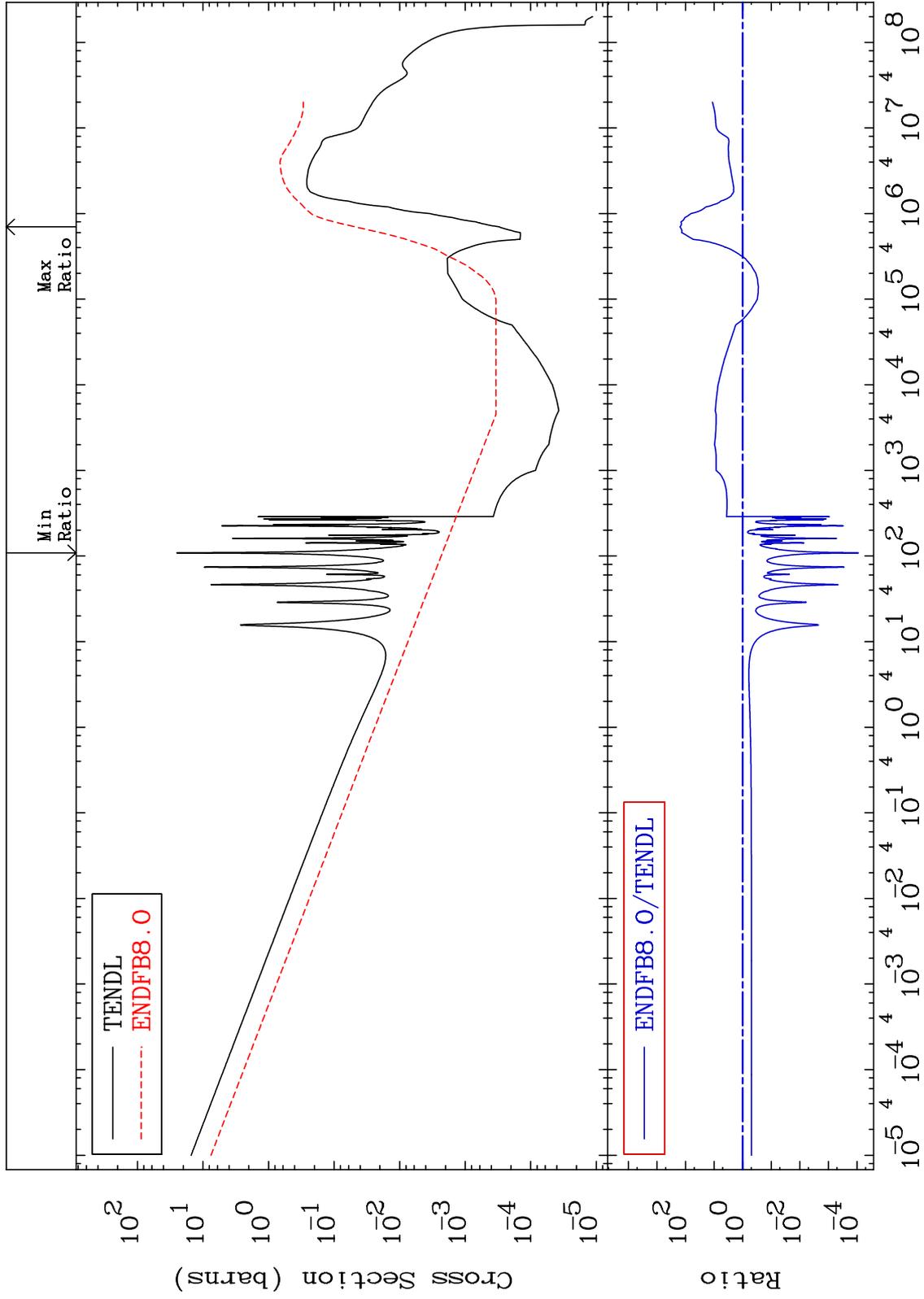
90-Th-228
-99.99 To 9999. %



MAT 9028

(n,f) First Chance
Cross Section

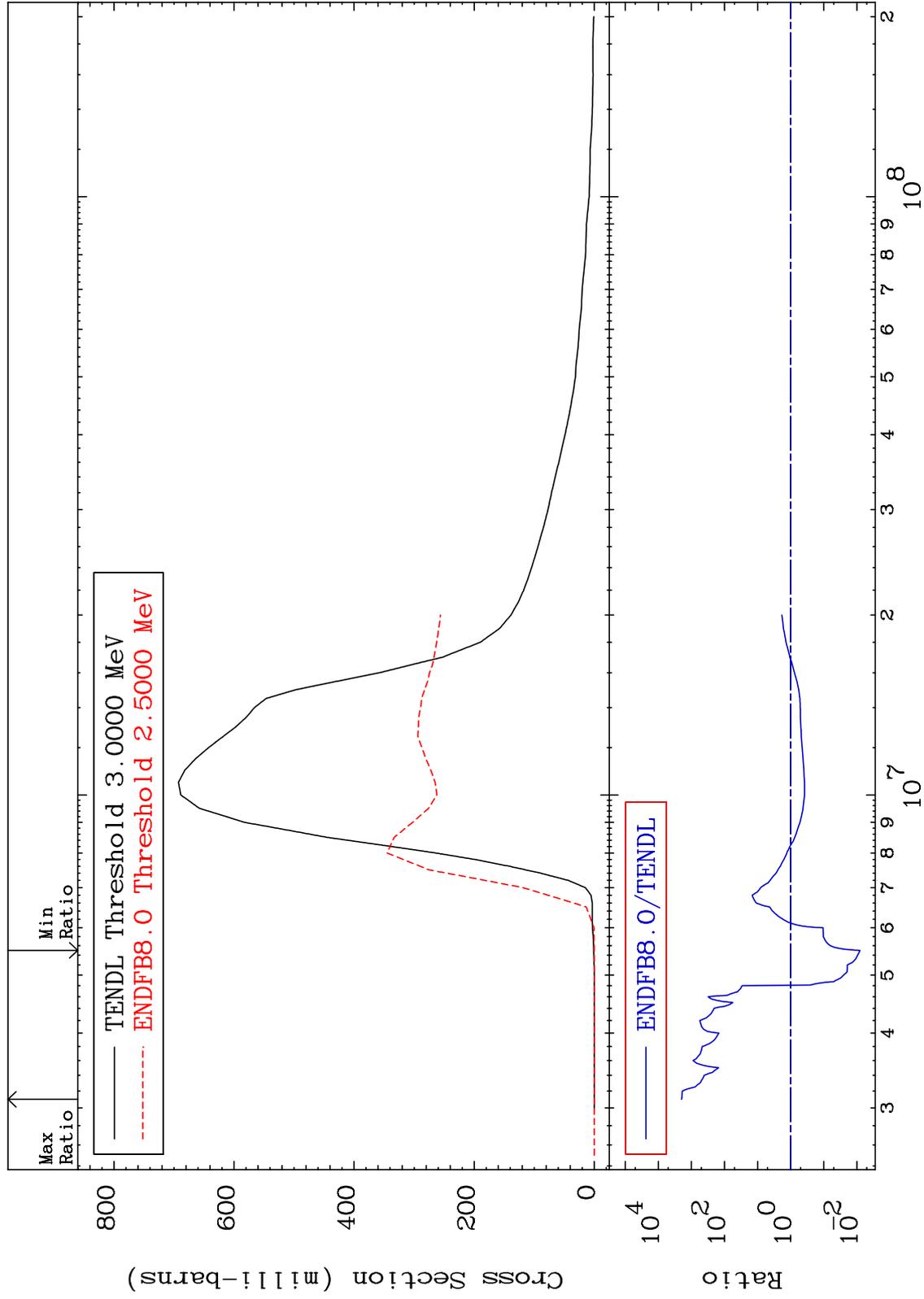
90-Th-228
-99.99 To 9999. %



MAT 9028

(n, nf) Second Chance
Cross Section

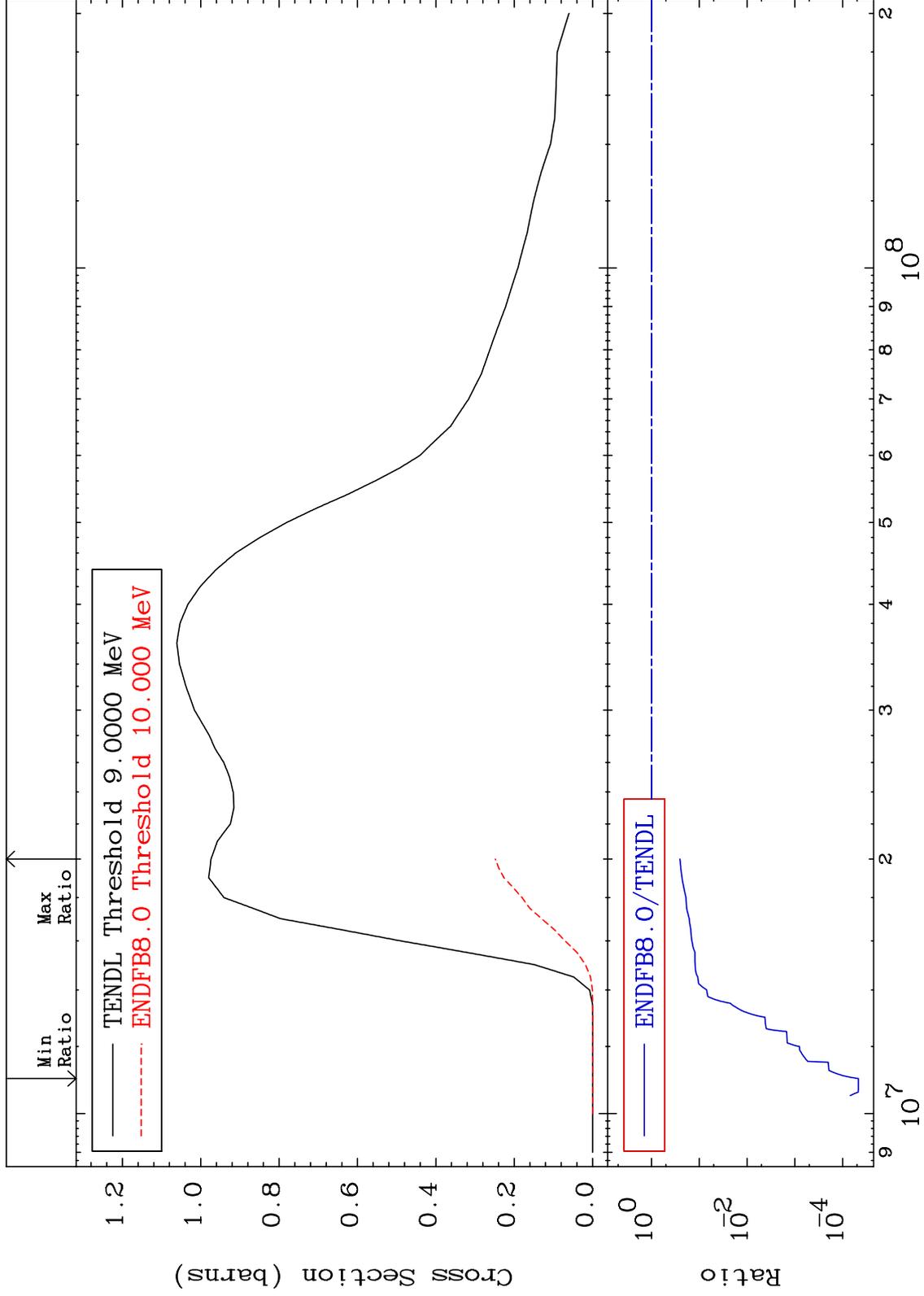
90-Th-228
-99.20 To 9999. %



MAT 9028

(n,2nf) Third Chance
Cross Section

90-Th-228
-100.0 To -74.50%



9

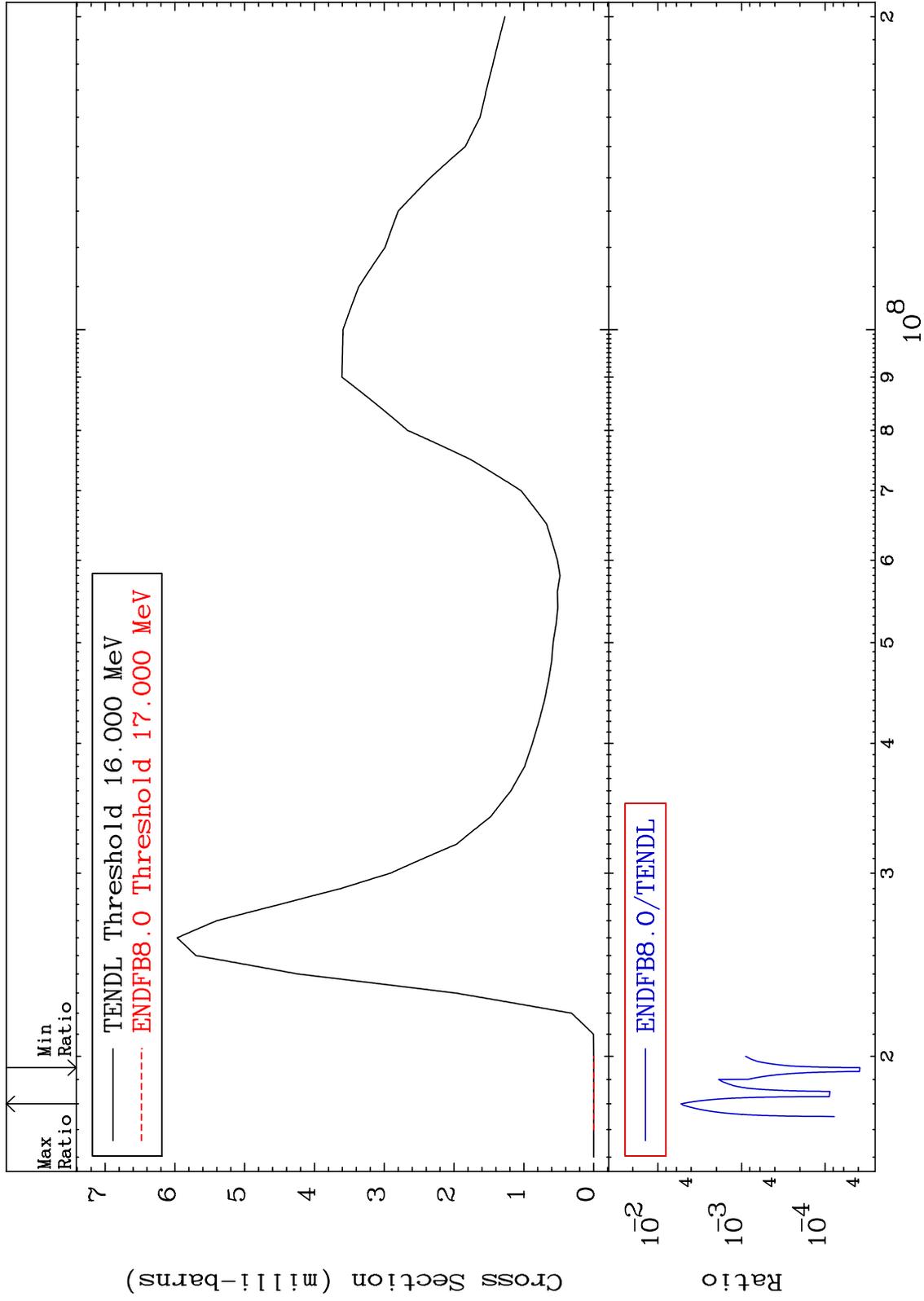
Incident Energy (eV)

90-Th-228

MAT 9028

(n,3nf) Fourth Chance
Cross Section

90-Th-228
-100.0 To -99.47%



10

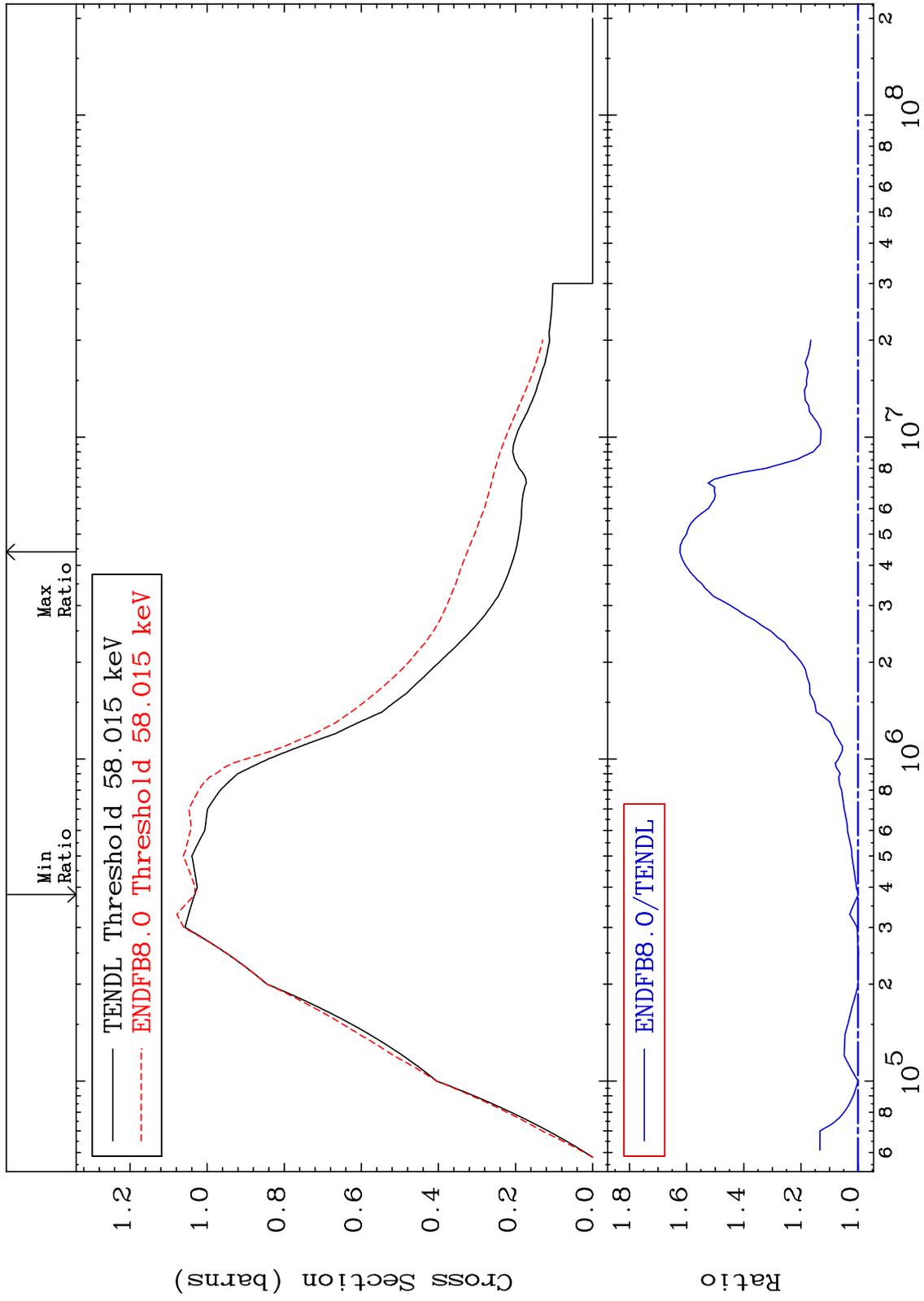
Incident Energy (eV)

90-Th-228

MAT 9028

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

90-Th-228
-0.130 To 62.31 %



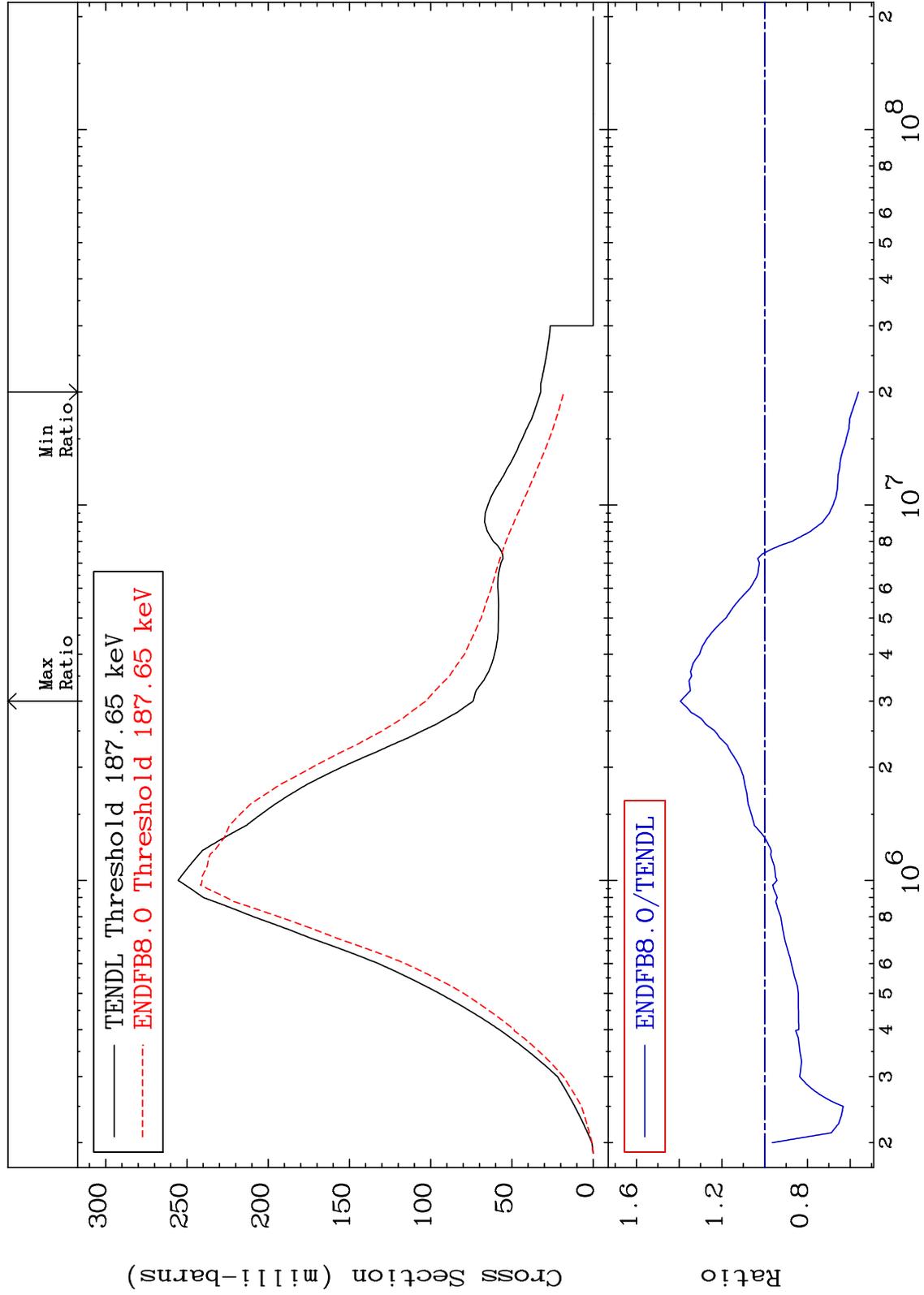
MAT 9028

MT= 52 (n,n') Level

90-Th-228

-43.92 To 39.48 %

Cross Section



12

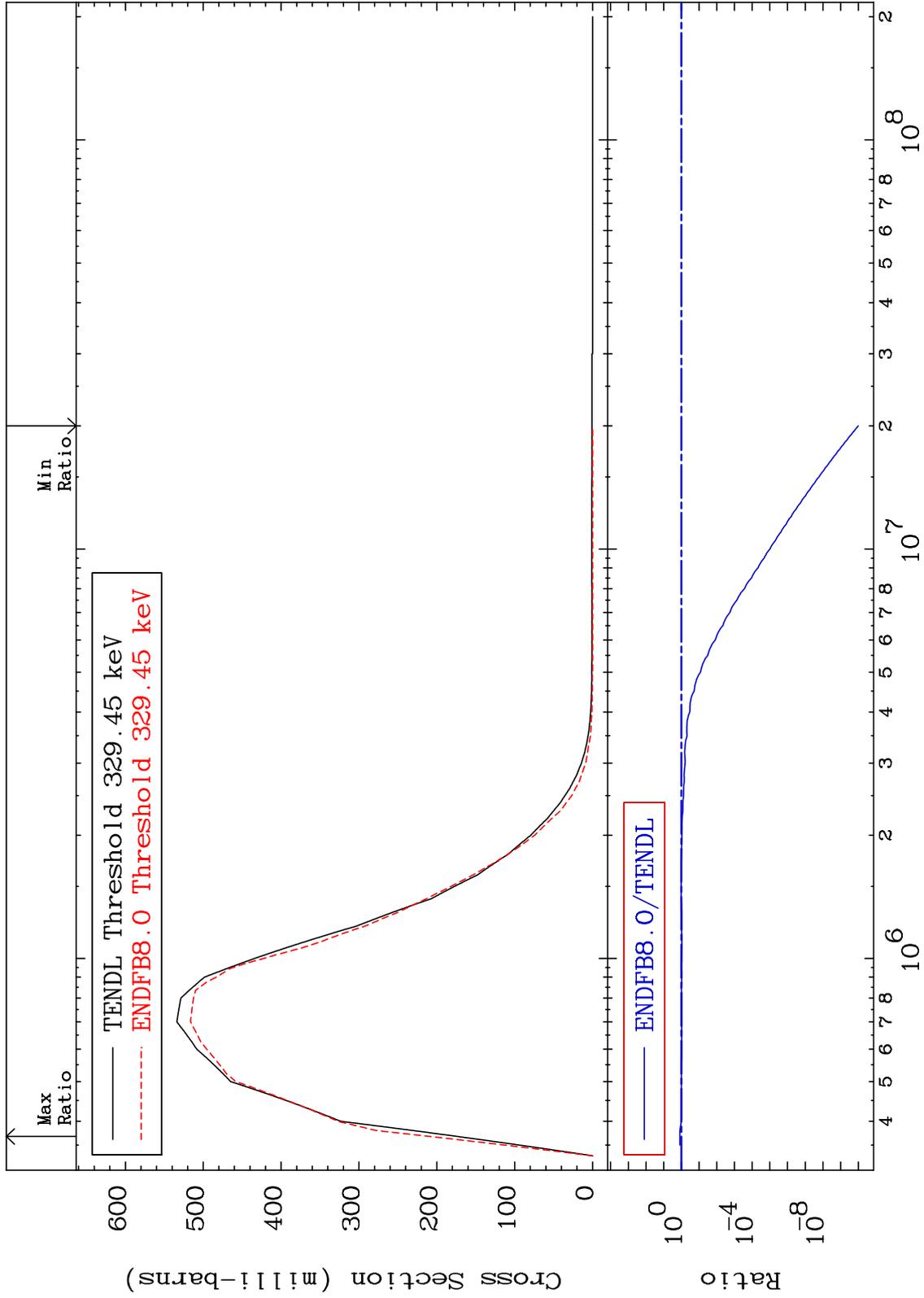
Incident Energy (eV)

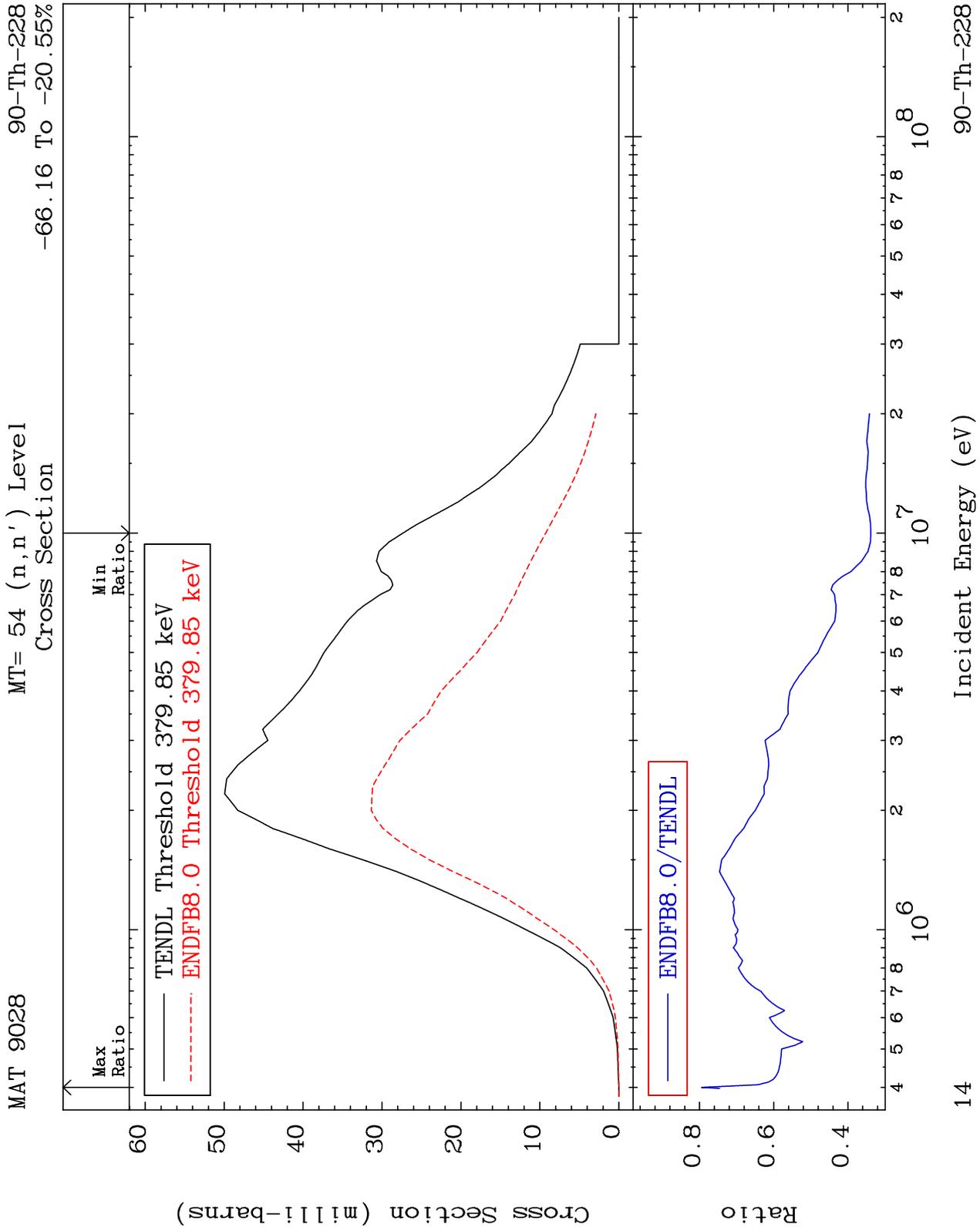
90-Th-228

MAT 9028

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

90-Th-228
-100.0 To 20.41 %

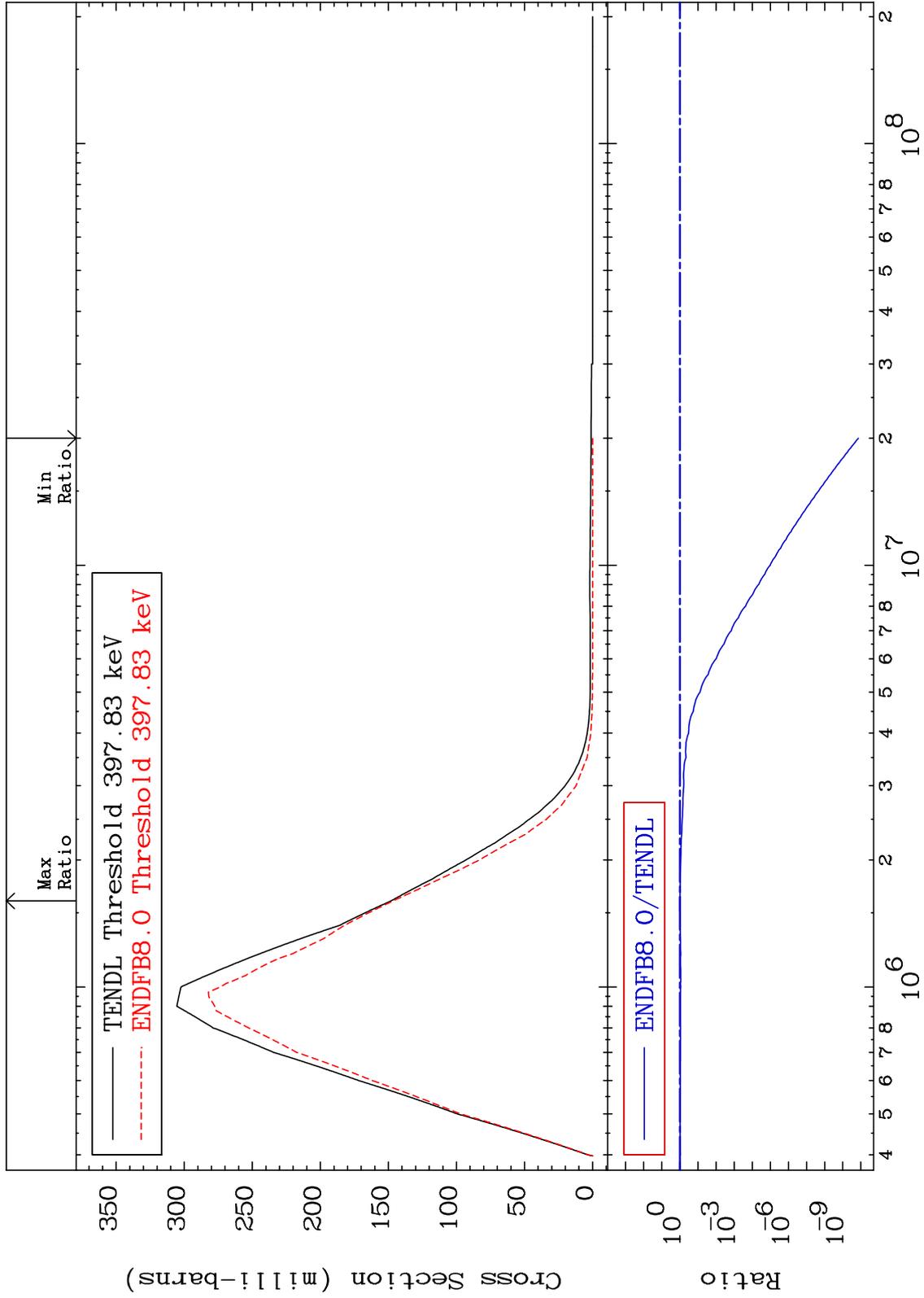




MAT 9028

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

90-Th-228
-100.0 To -1.014%



15

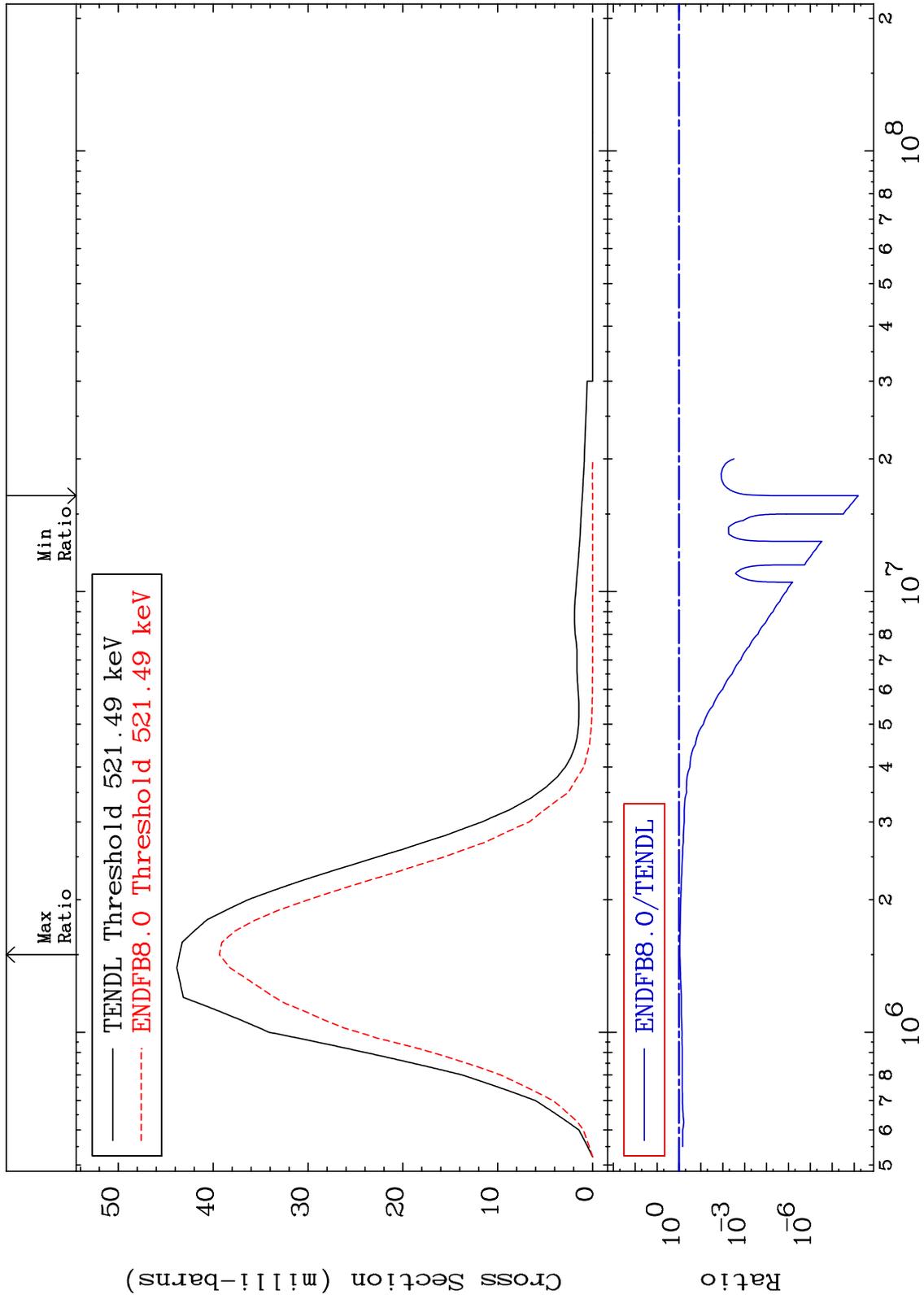
90-Th-228

90-Th-228

MAT 9028

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

90-Th-228
-100.0 To -9.643%

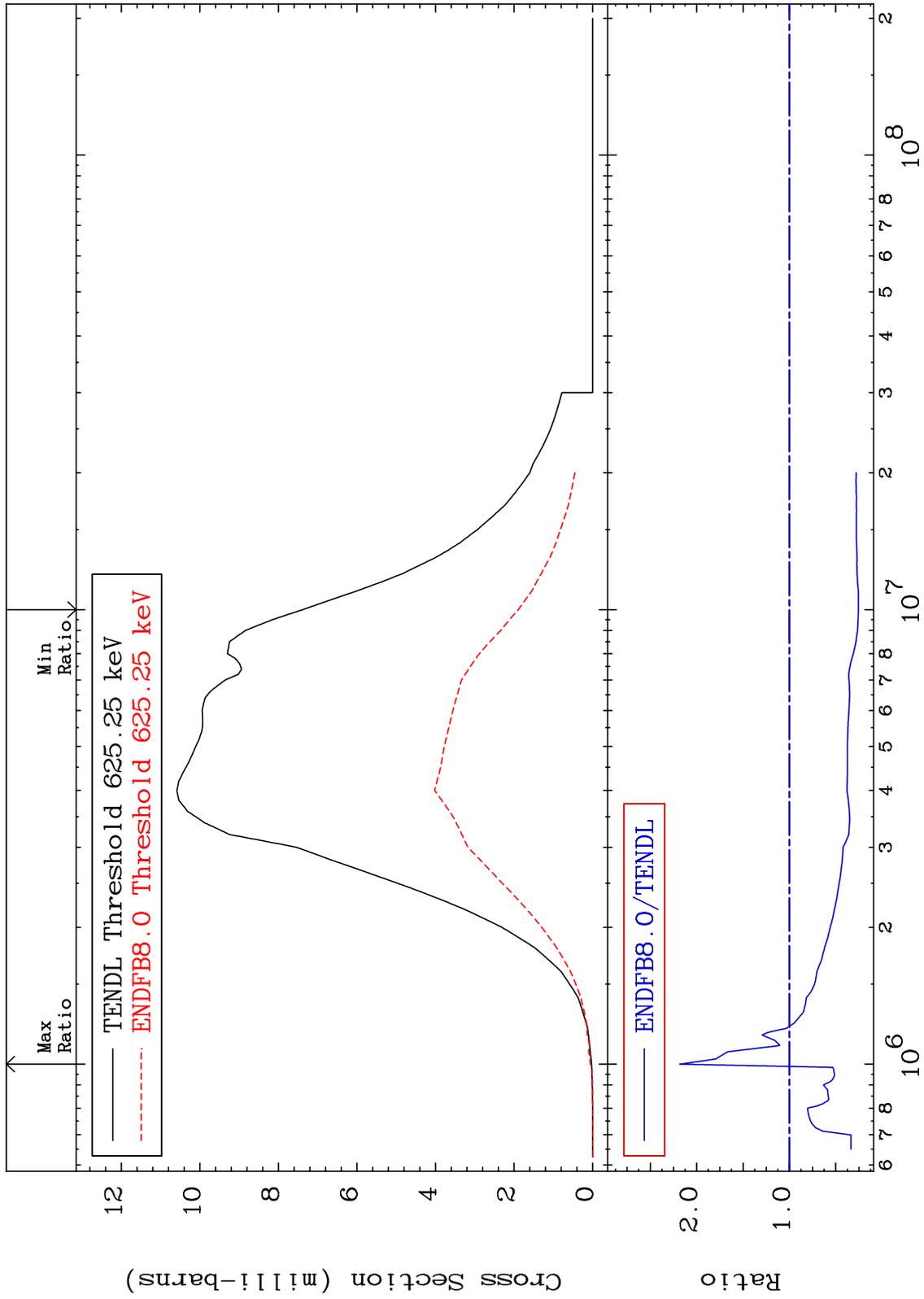


16

Incident Energy (eV)

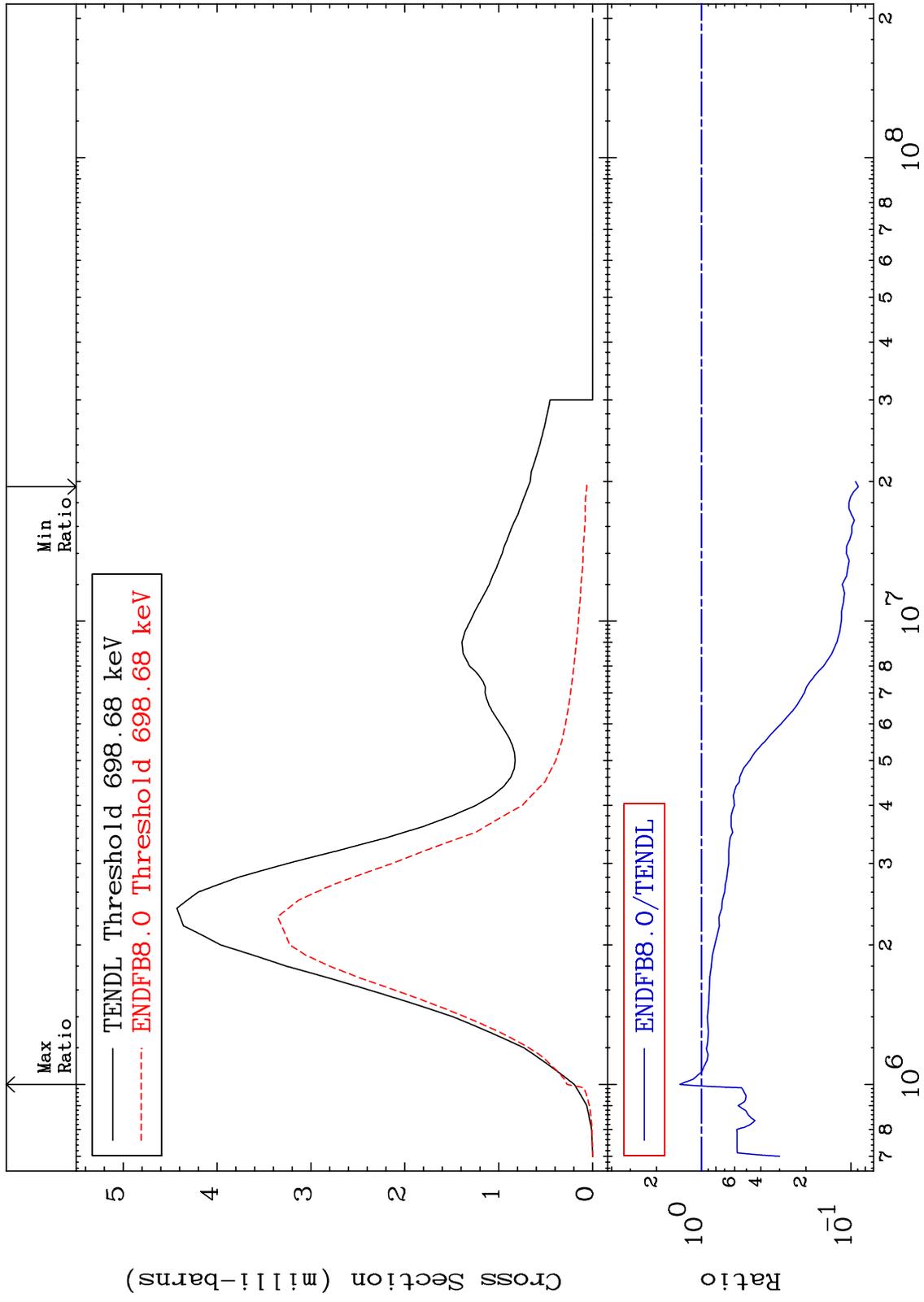
90-Th-228

MAT 9028 MT= 57 (n,n') Level Cross Section 90-Th-228 -74.41 To 118.1 %



17 90-Th-228

MAT 9028 MT= 58 (n,n') Level 90-Th-228
 Cross Section -91.10 To 39.43 %

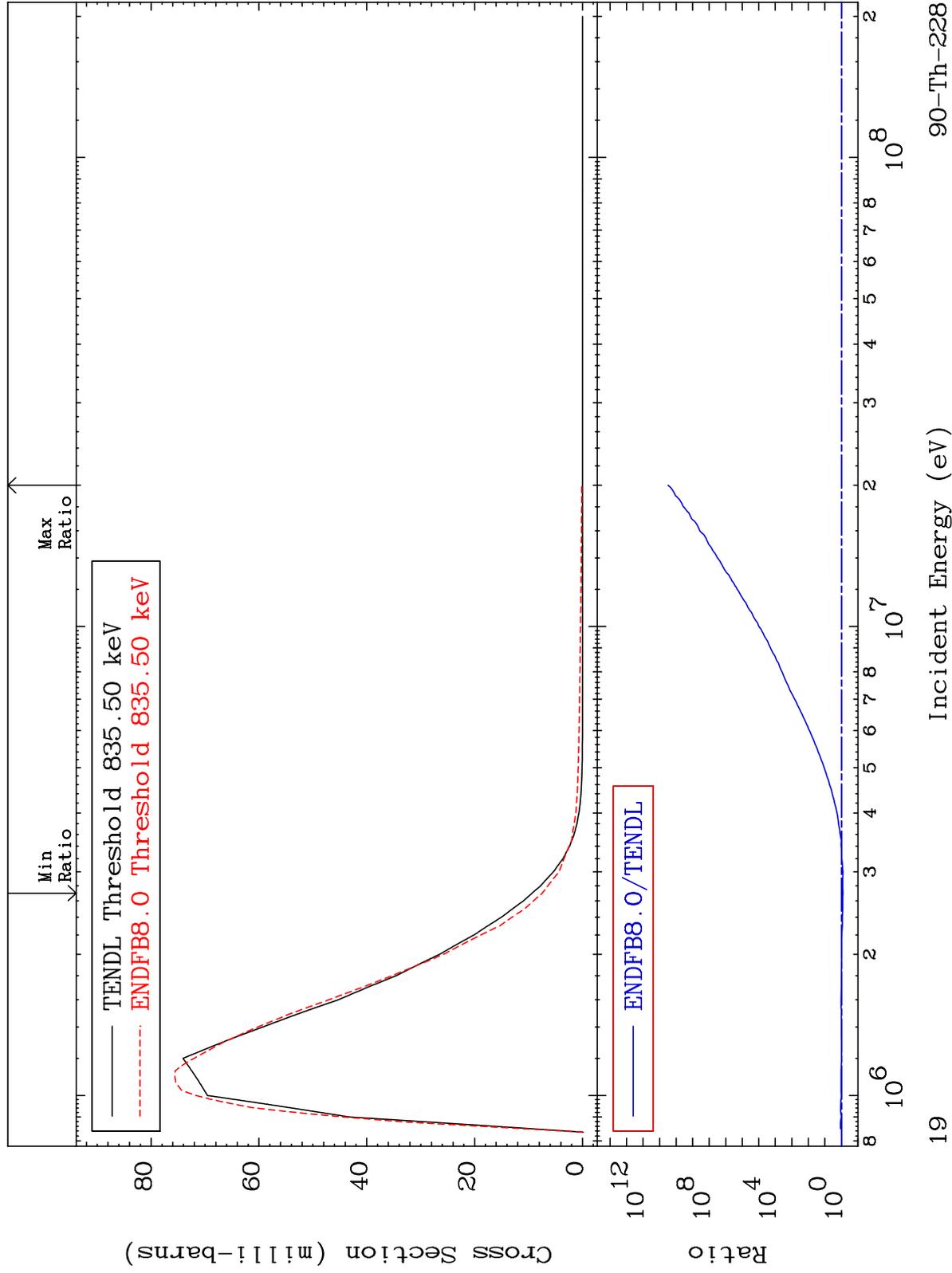


18 90-Th-228

MAT 9028

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

90-Th-228
-20.36 To 9999. %



90-Th-228

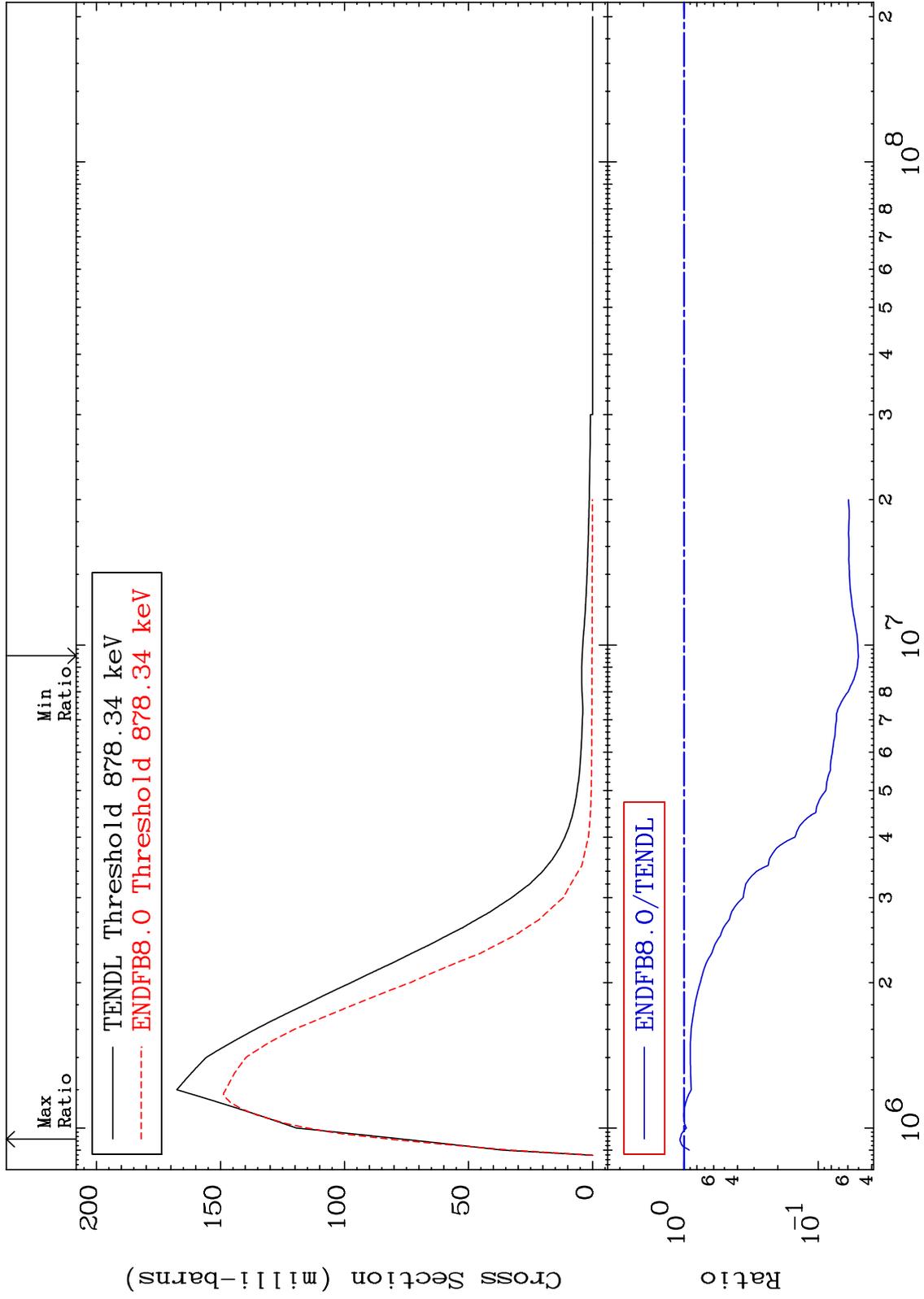
Incident Energy (eV)

19

MAT 9028

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

90-Th-228
-94.98 To 7.174 %



20

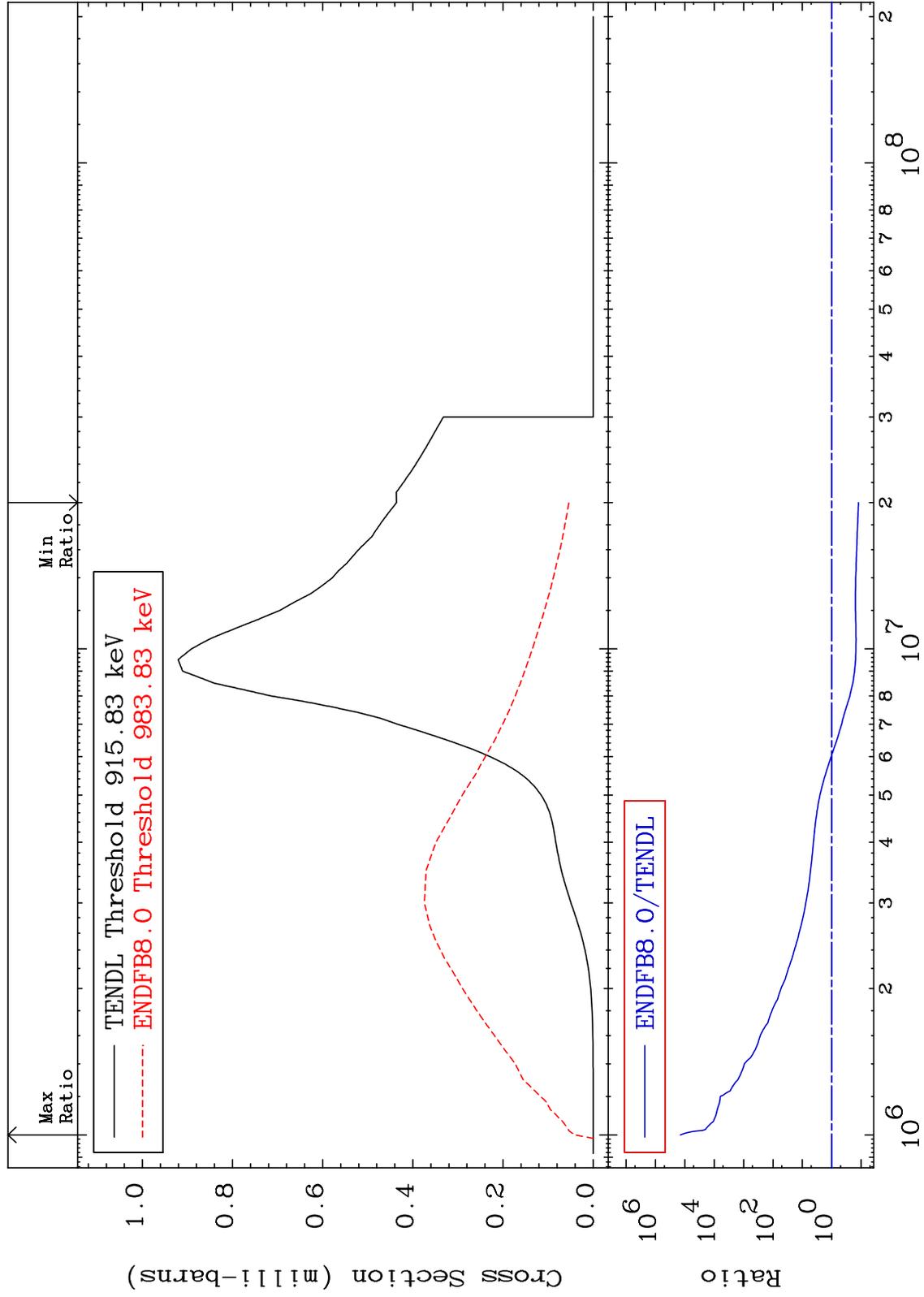
Incident Energy (eV)

90-Th-228

MAT 9028

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

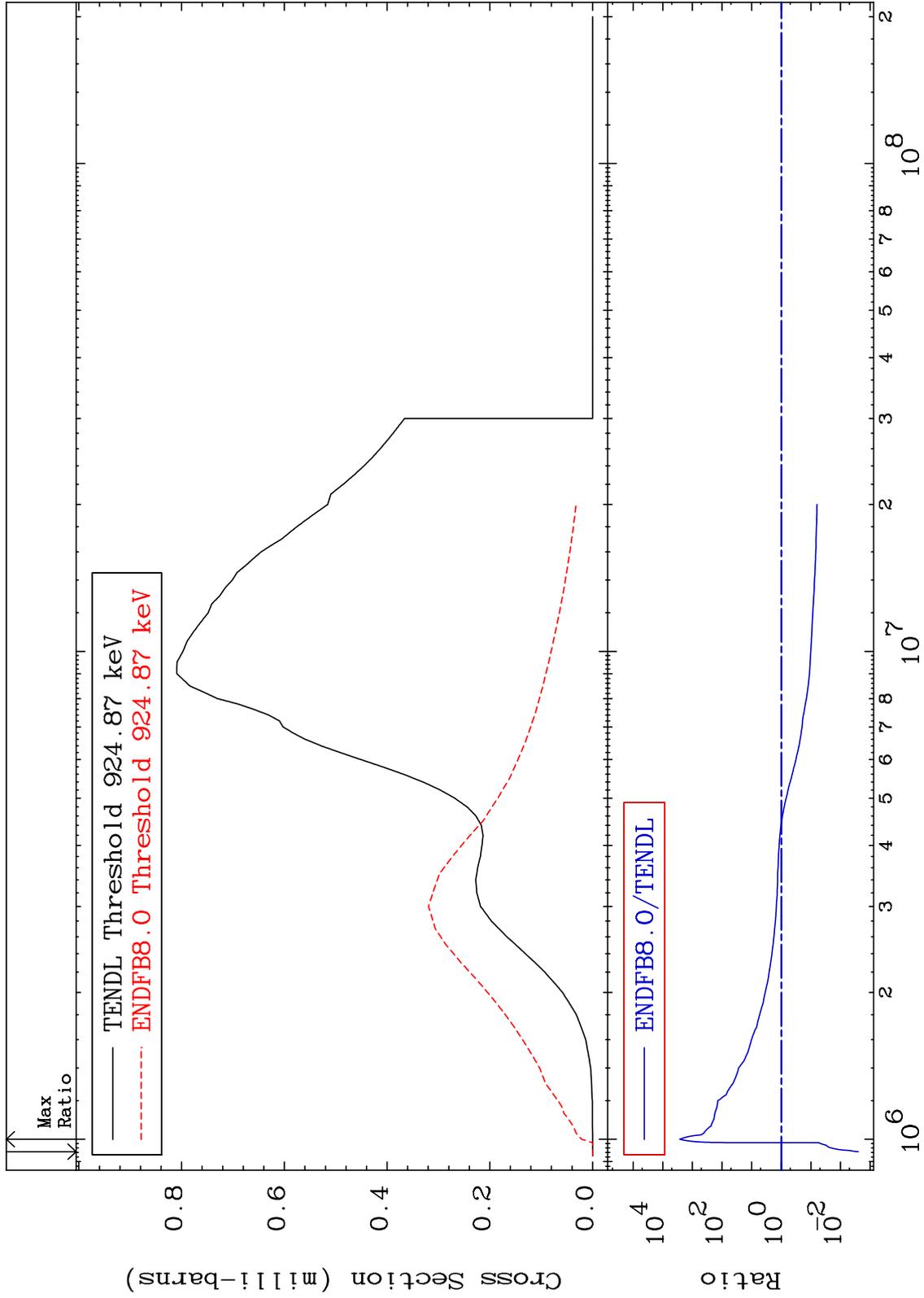
90-Th-228
-87.71 To 9999. %



MAT 9028

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

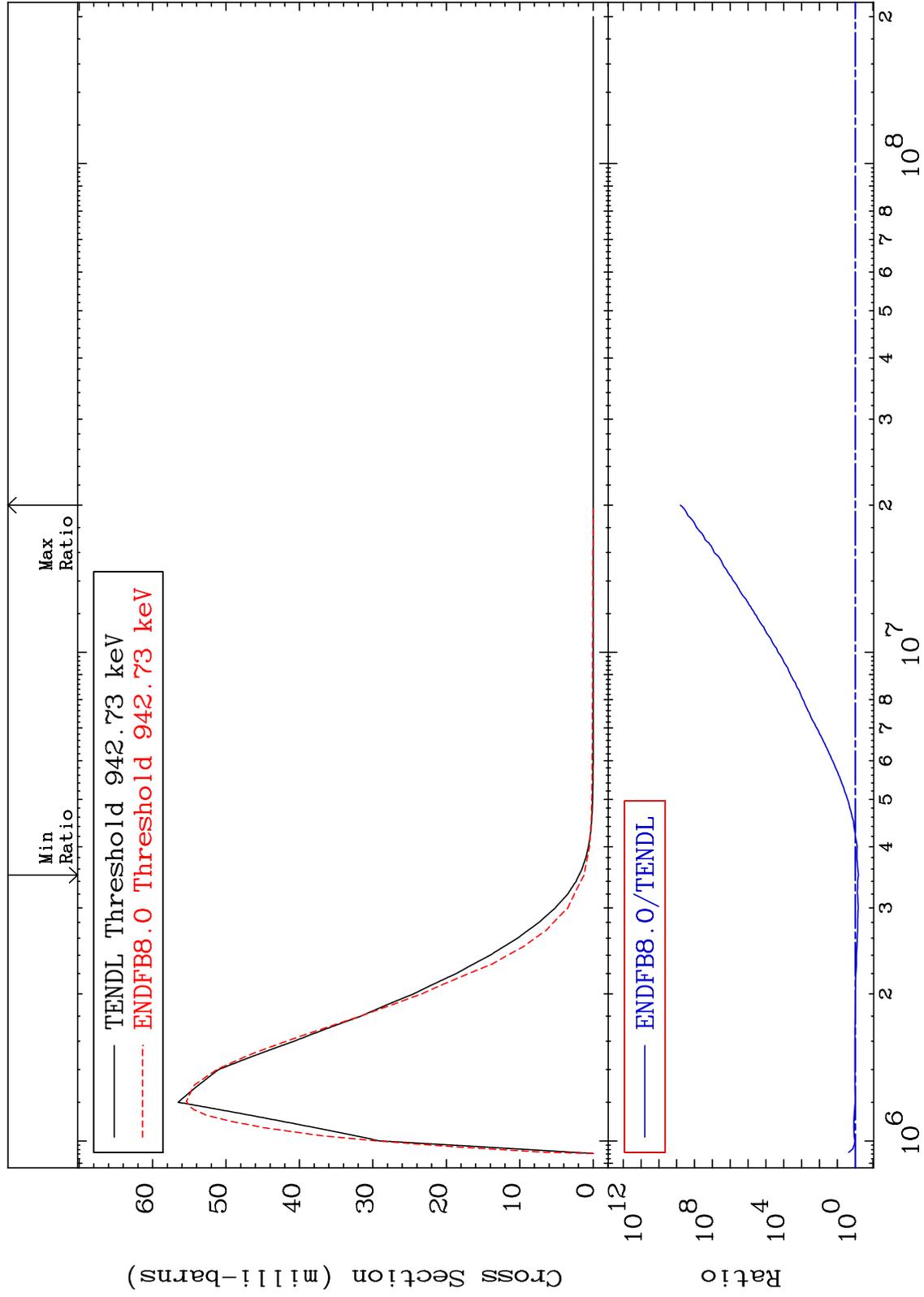
90-Th-228
-99.75 To 9999. %



MAT 9028

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

90-Th-228
-35.56 To 9999. %



23

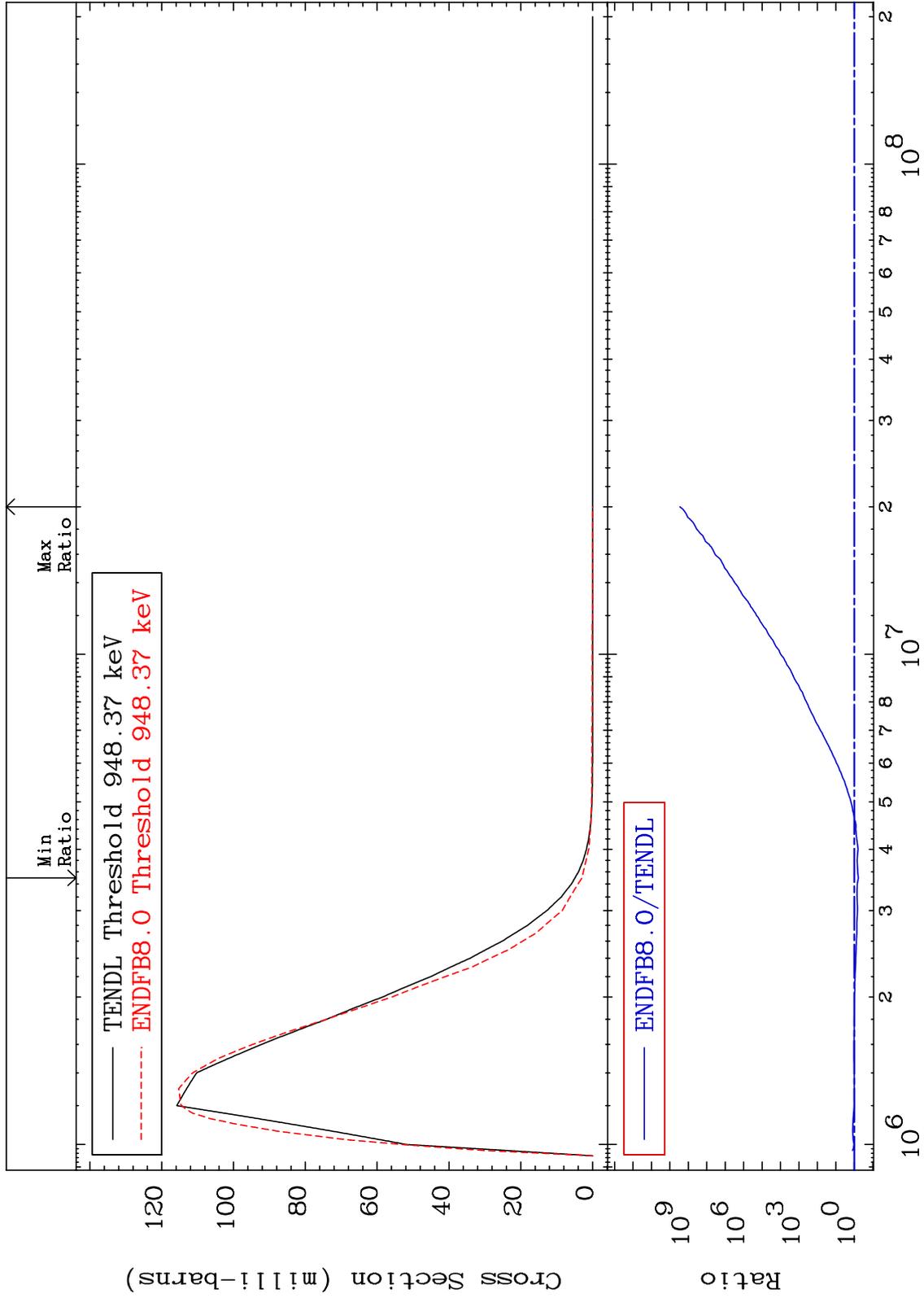
Incident Energy (eV)

90-Th-228

MAT 9028

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

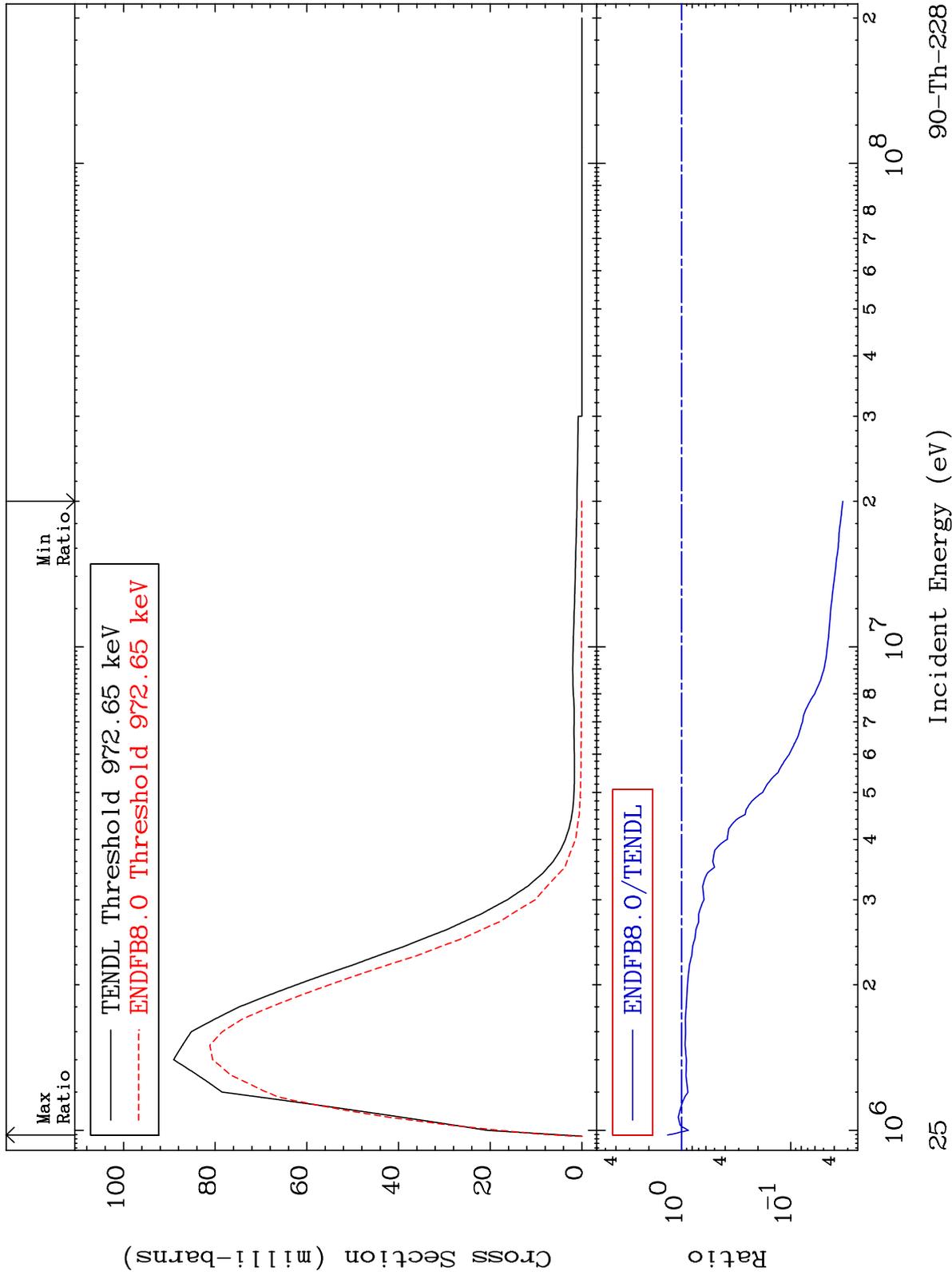
90-Th-228
-40.09 To 9999. %



MAT 9028

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

90-Th-228
-96.67 To 34.54 %

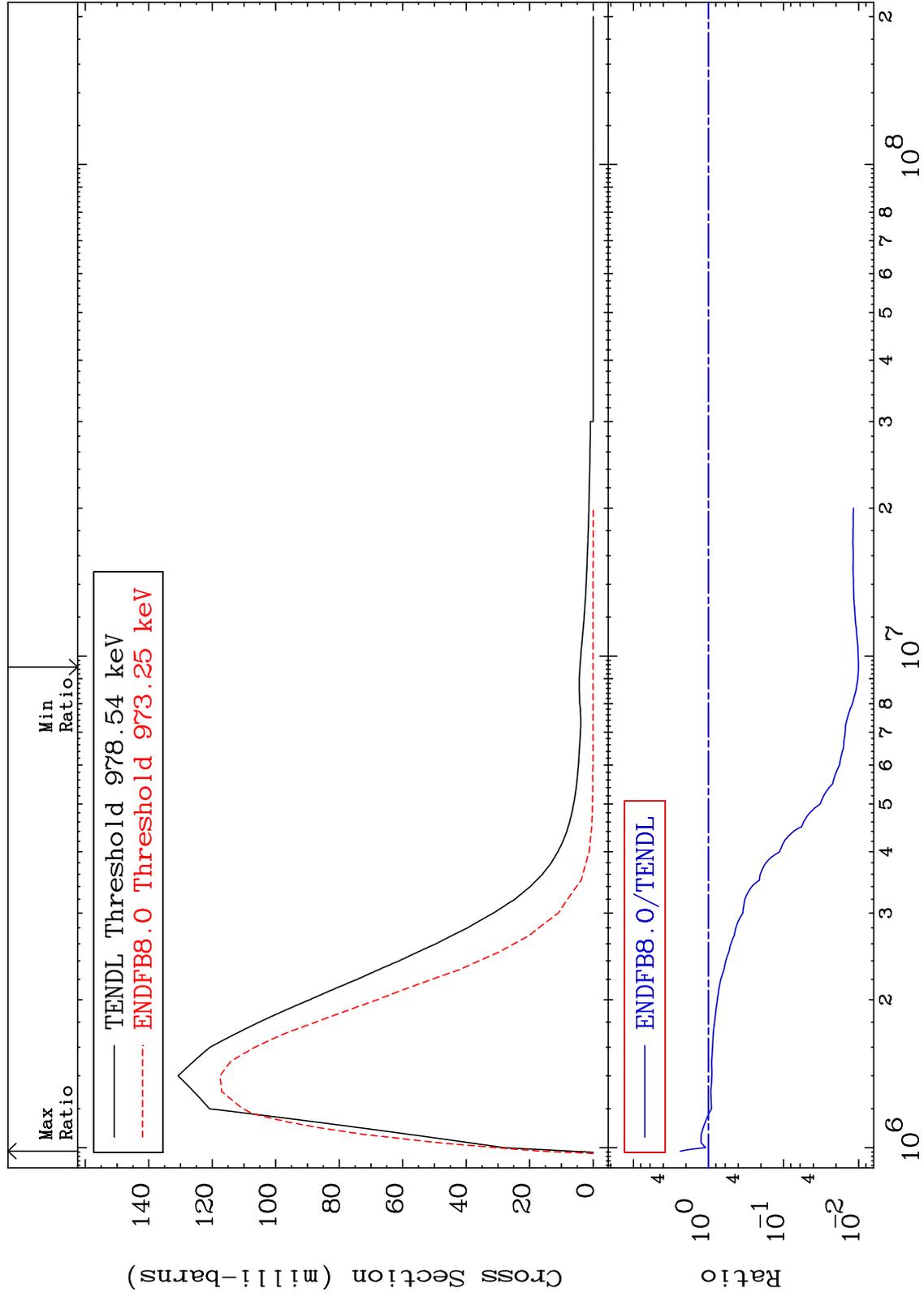


25

MAT 9028

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

90-Th-228
-99.00 To 136.7 %



26

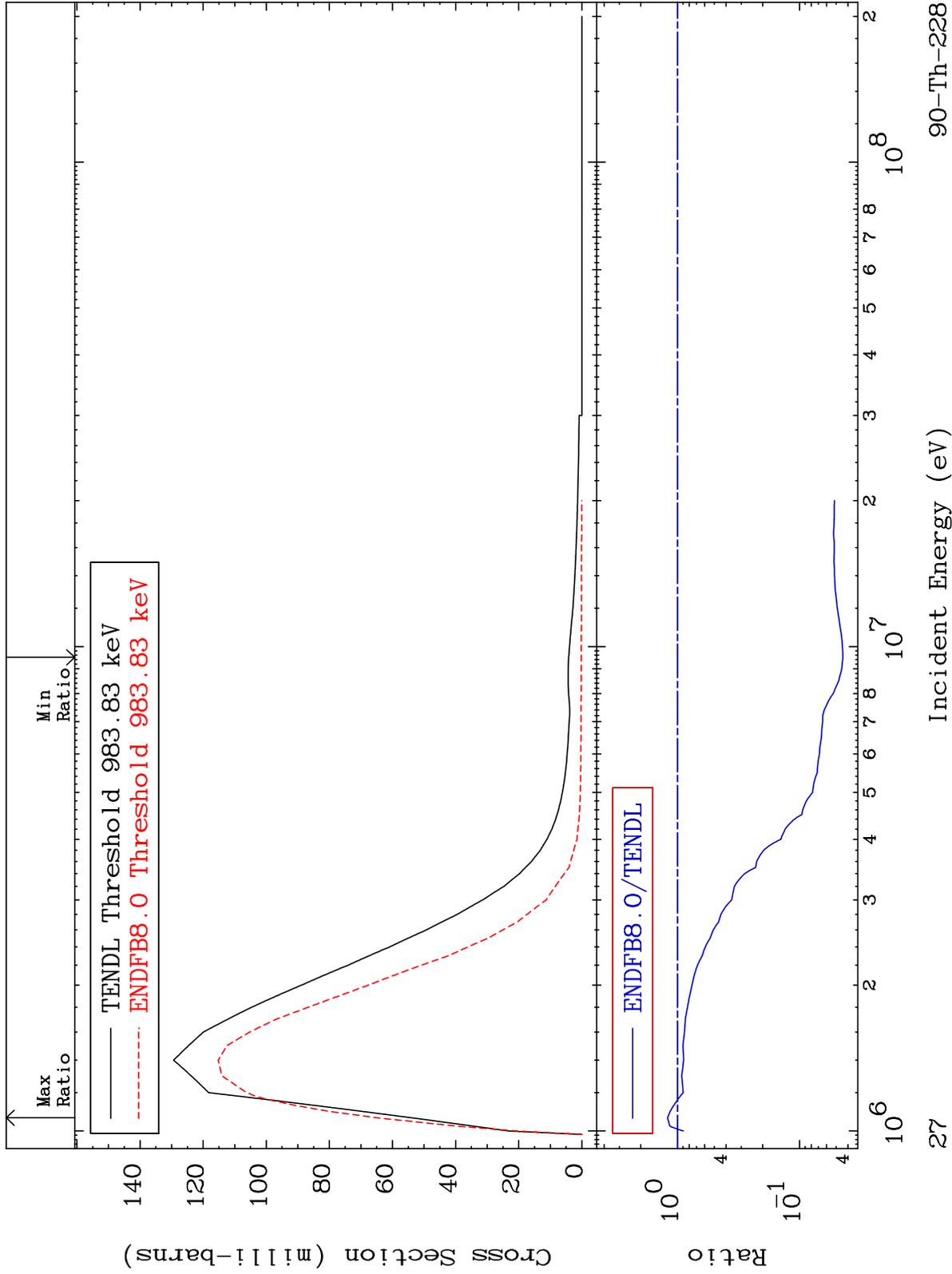
Incident Energy (eV)

90-Th-228

MAT 9028

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

90-Th-228
-95.59 To 20.45 %



27

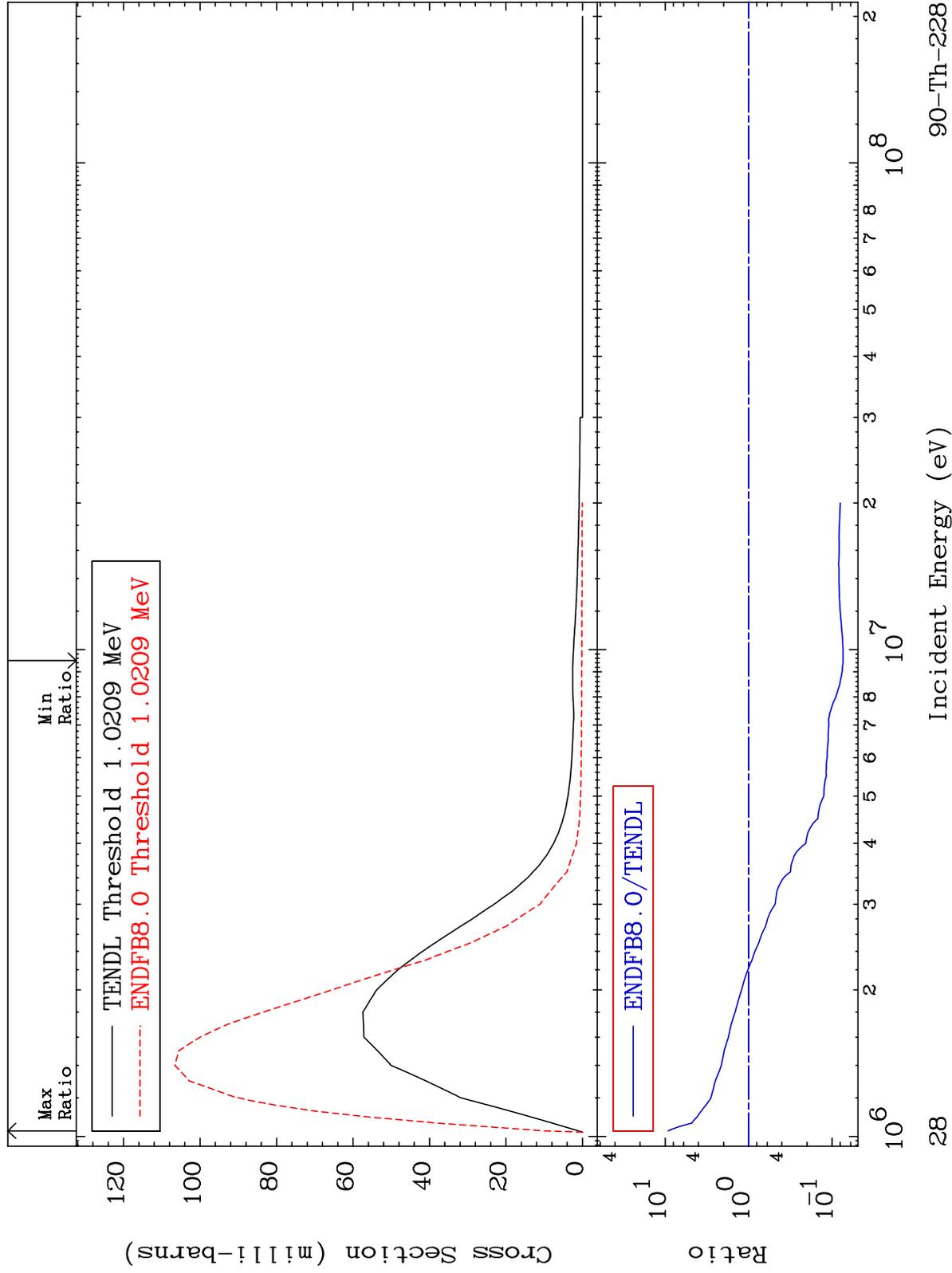
Incident Energy (eV)

90-Th-228

MAT 9028

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

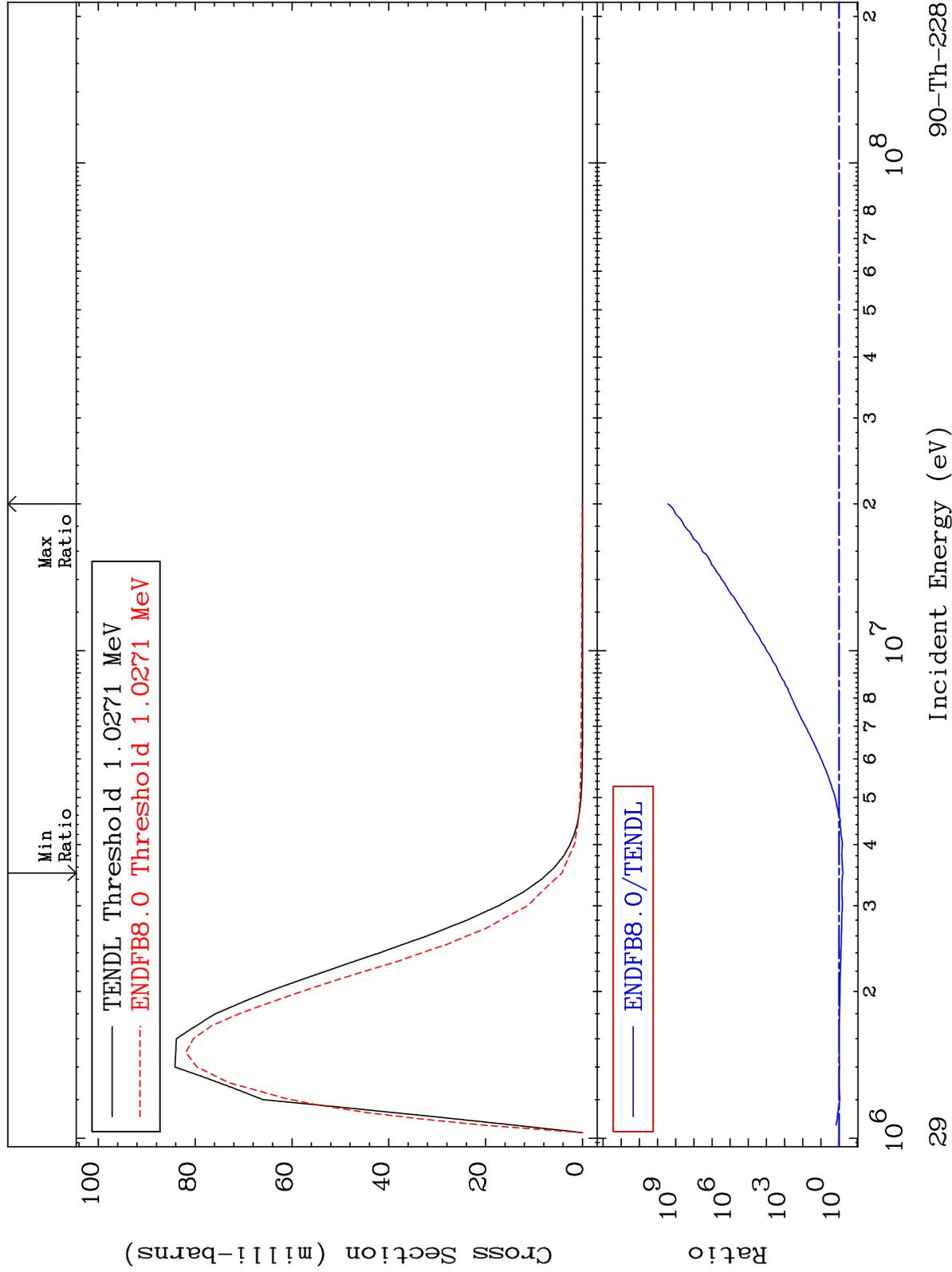
90-Th-228
-92.59 To 823.3 %



MAT 9028

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

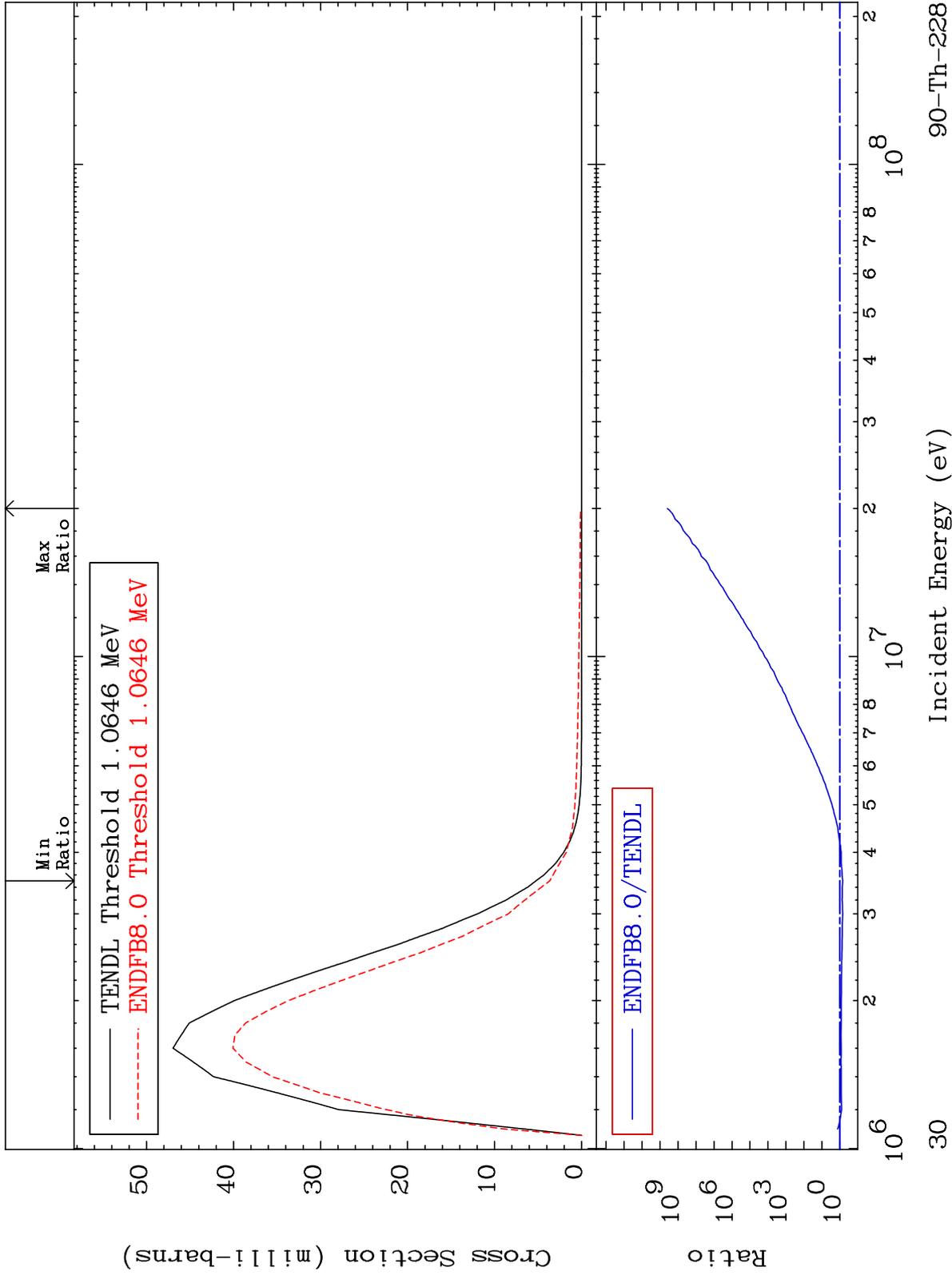
90-Th-228
-39.86 To 9999. %



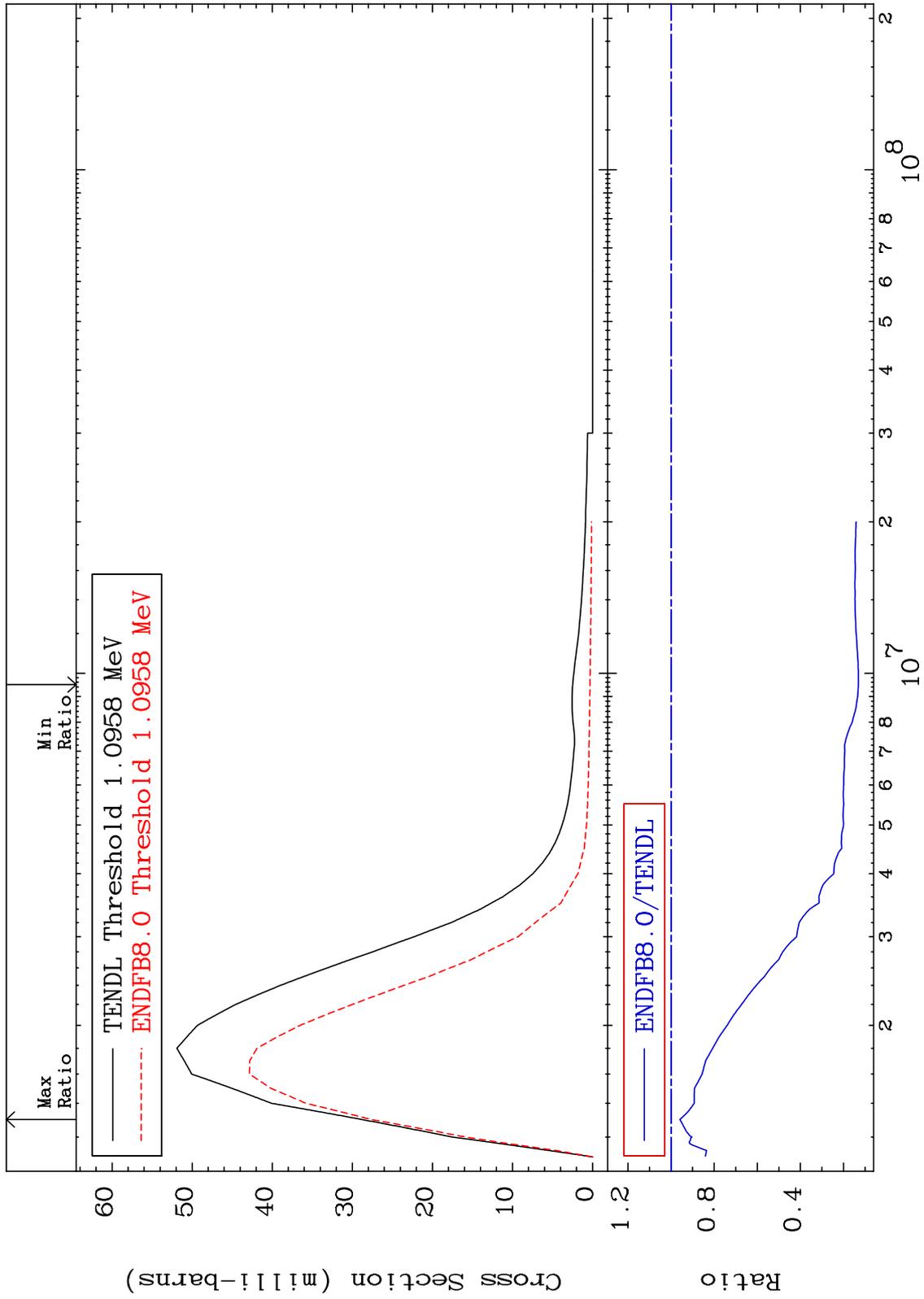
MAT 9028

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

90-Th-228
-30.30 To 9999. %



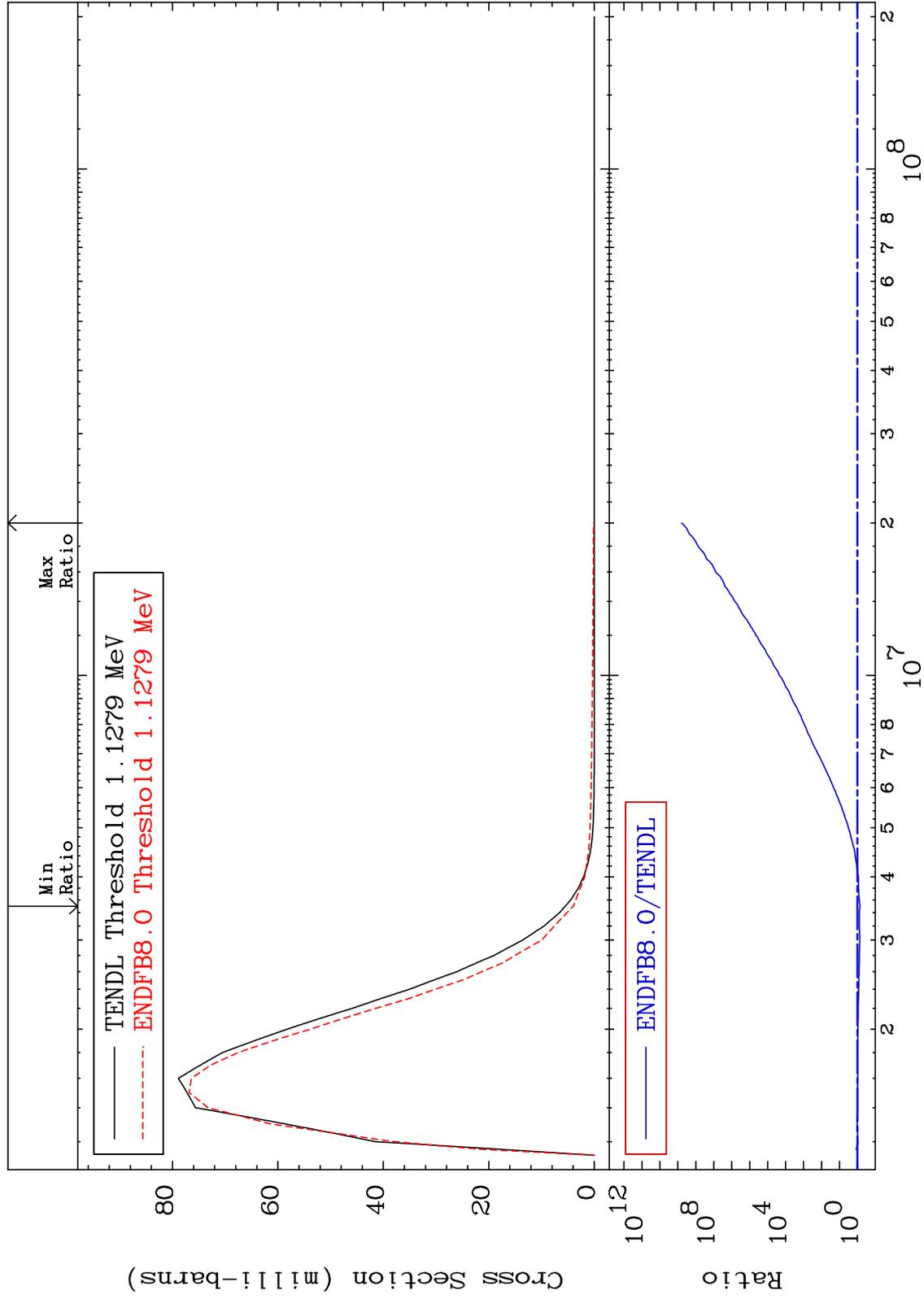
MAT 9028 MT= 71 (n,n') Level Cross Section 90-Th-228 -86.91 To -4.120%



MAT 9028

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

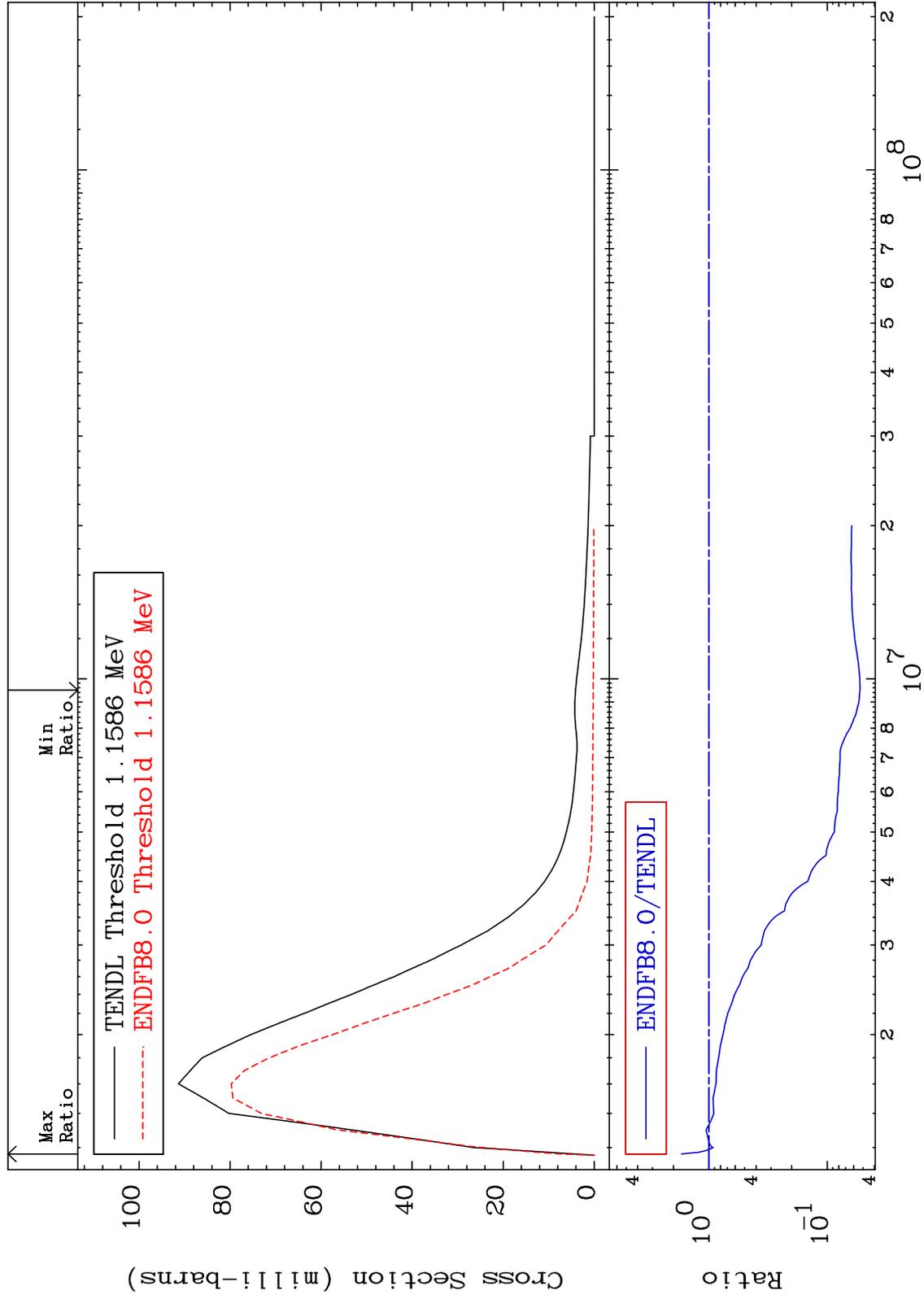
90-Th-228
-28.18 To 9999. %



MAT 9028

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

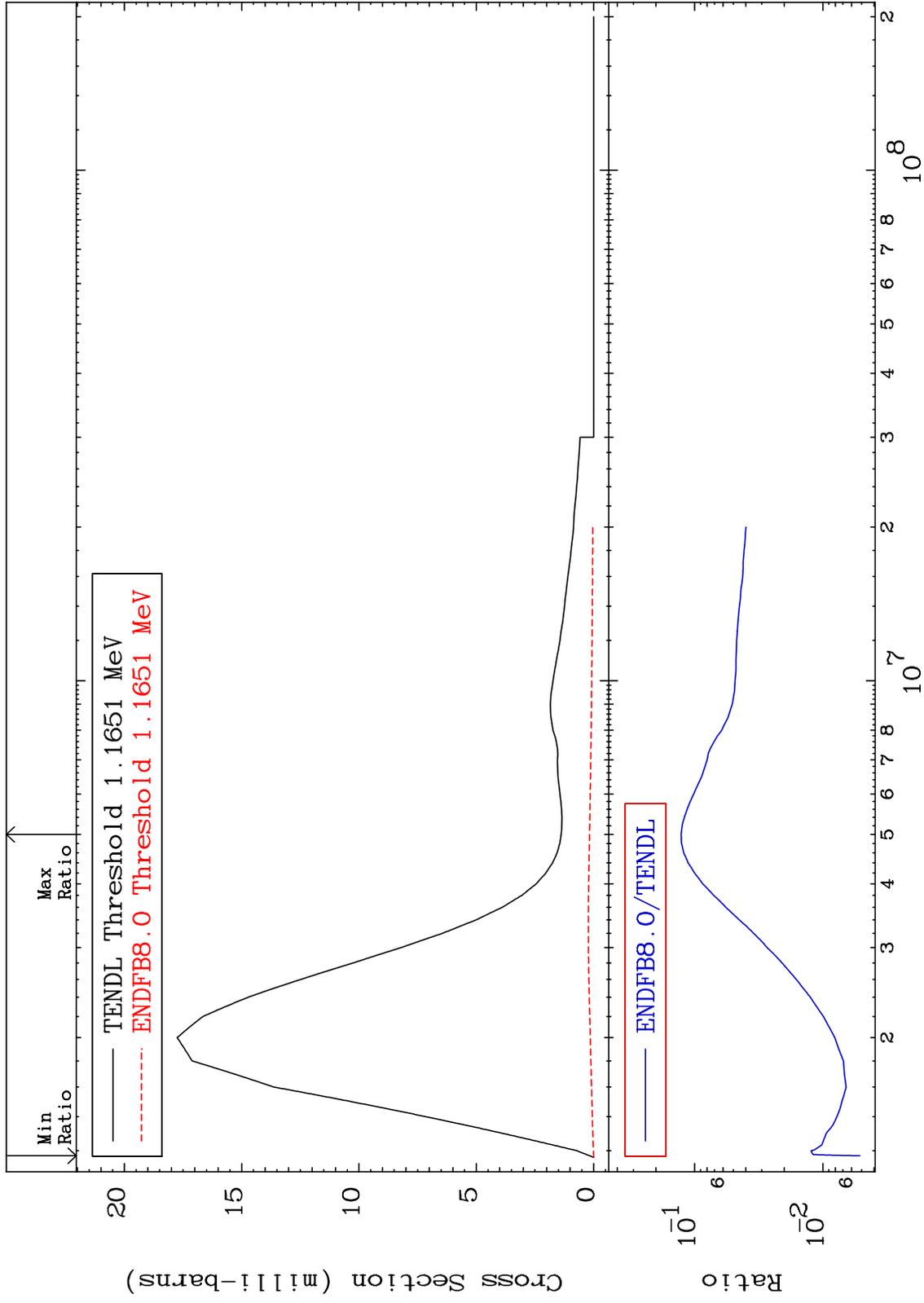
90-Th-228
-94.71 To 70.48 %



MAT 9028

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

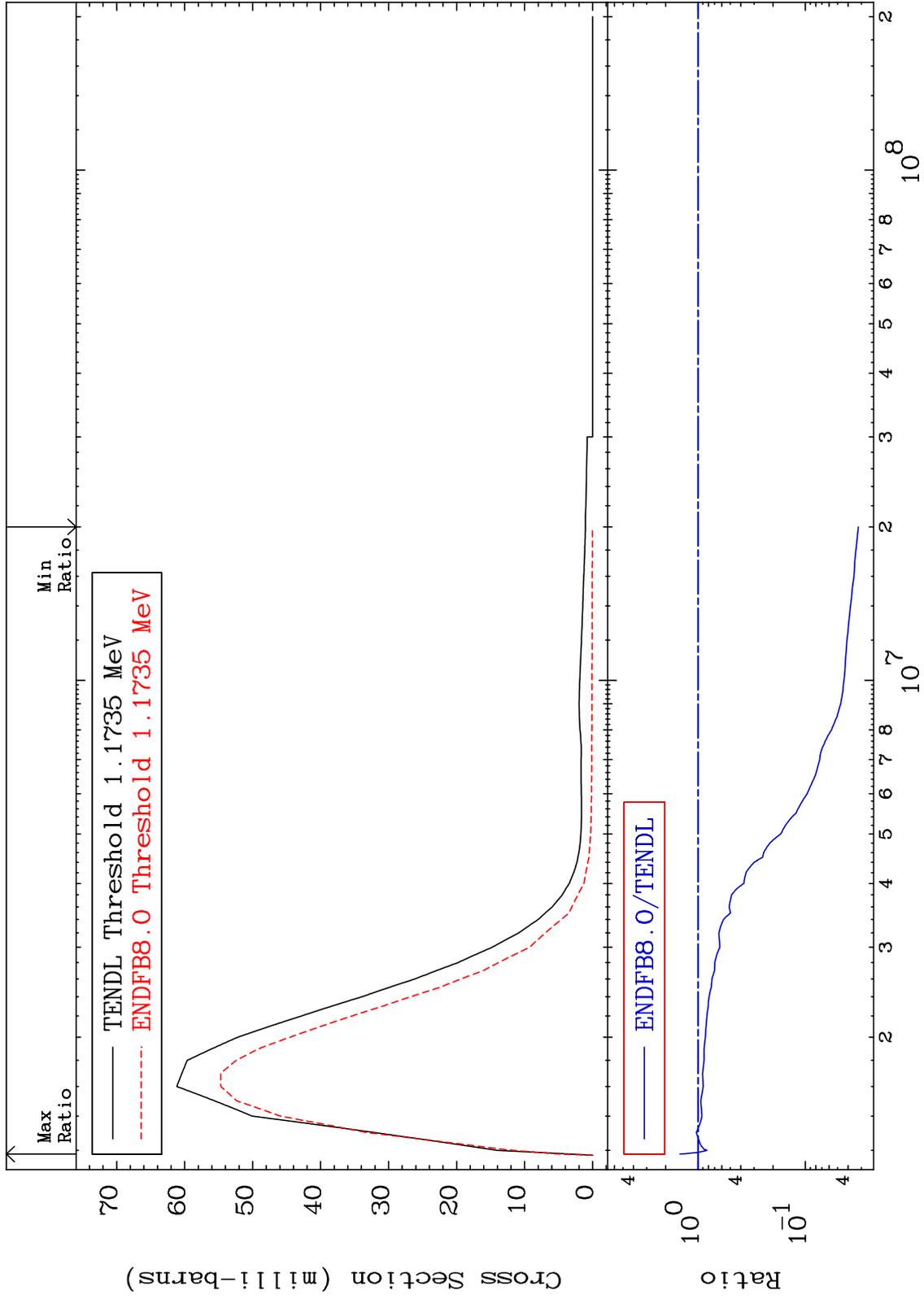
90-Th-228
-99.48 To -87.27%



MAT 9028

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

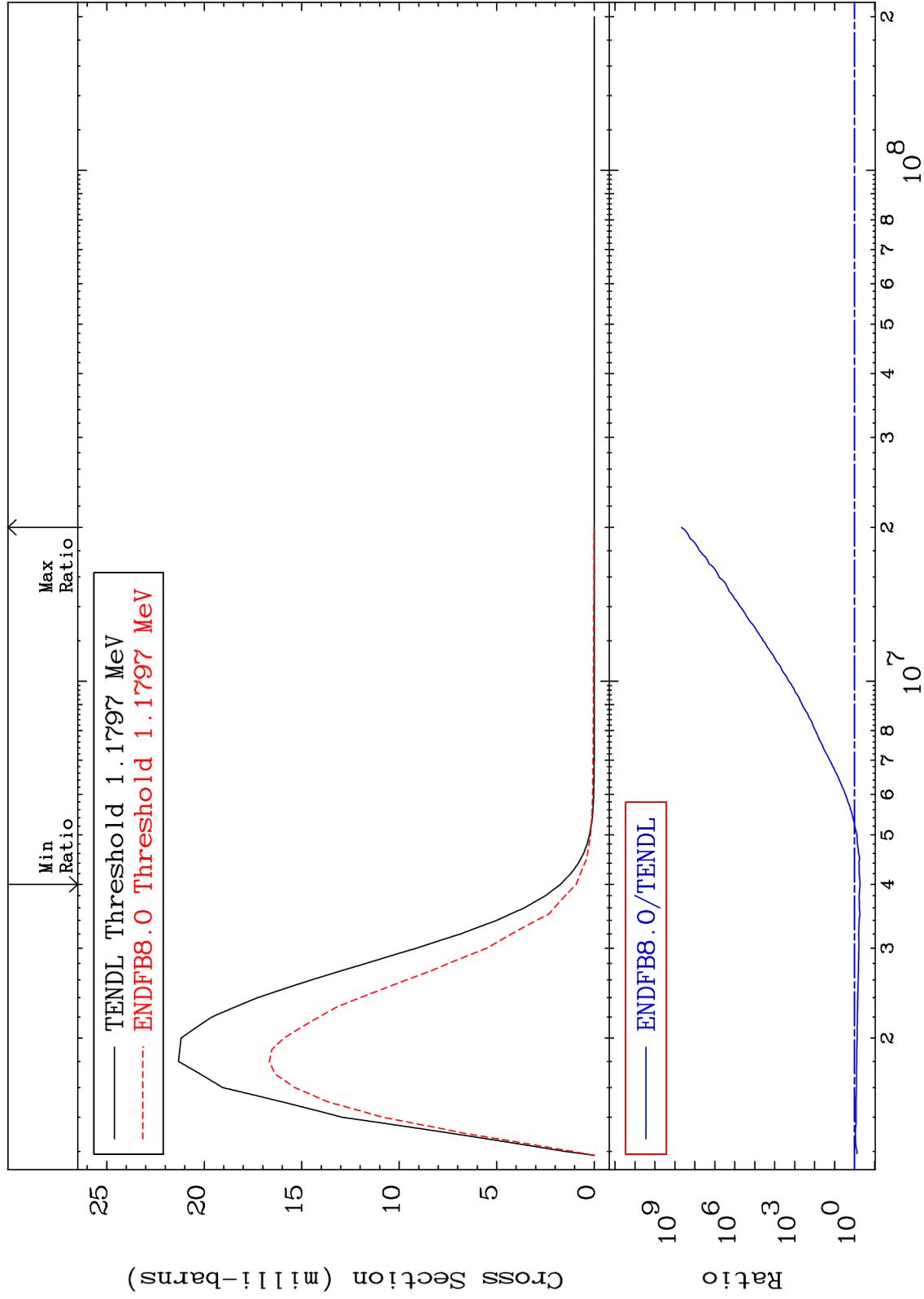
90-Th-228
-96.79 To 47.19 %



MAT 9028

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

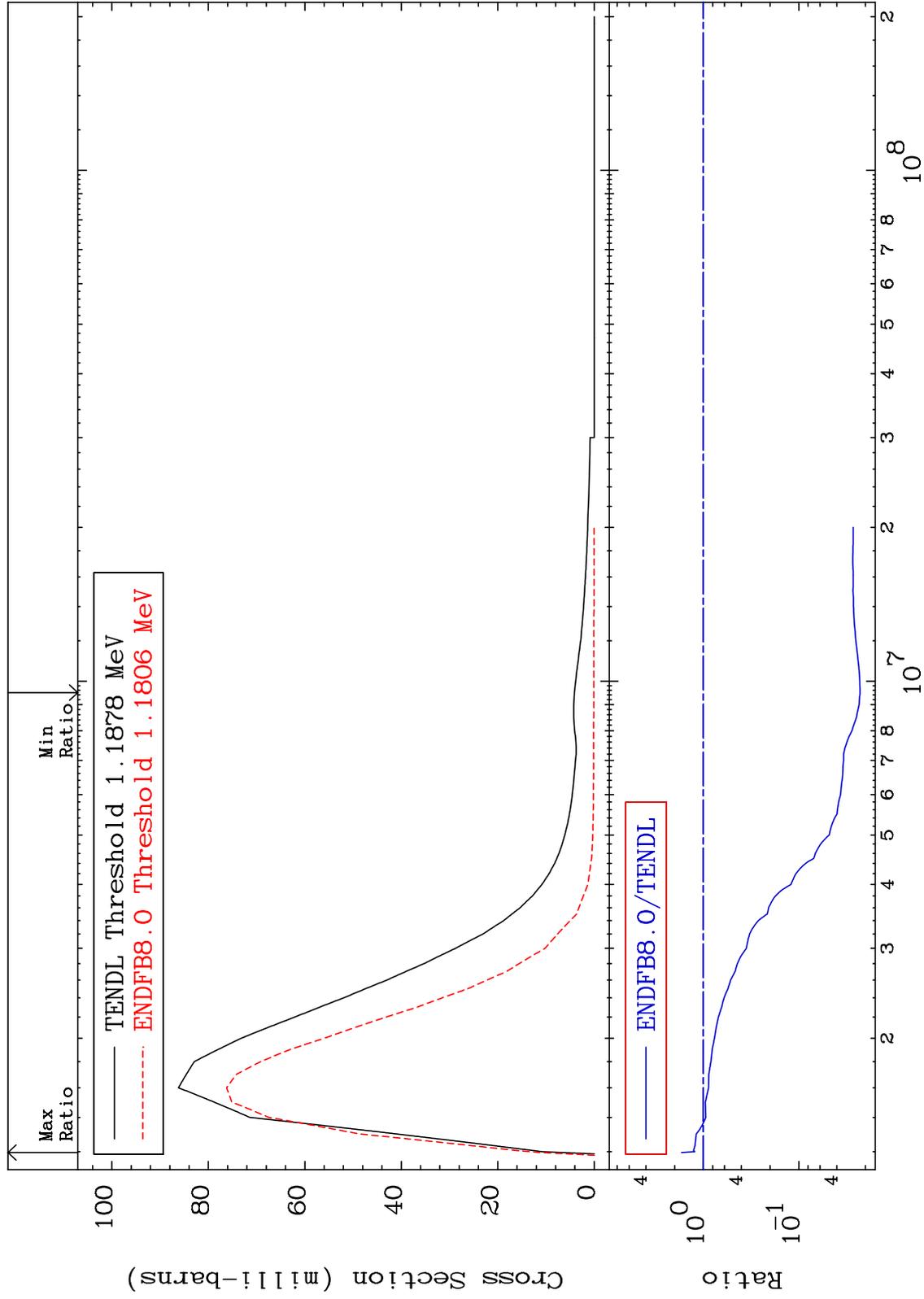
90-Th-228
-46.57 To 9999. %



MAT 9028

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

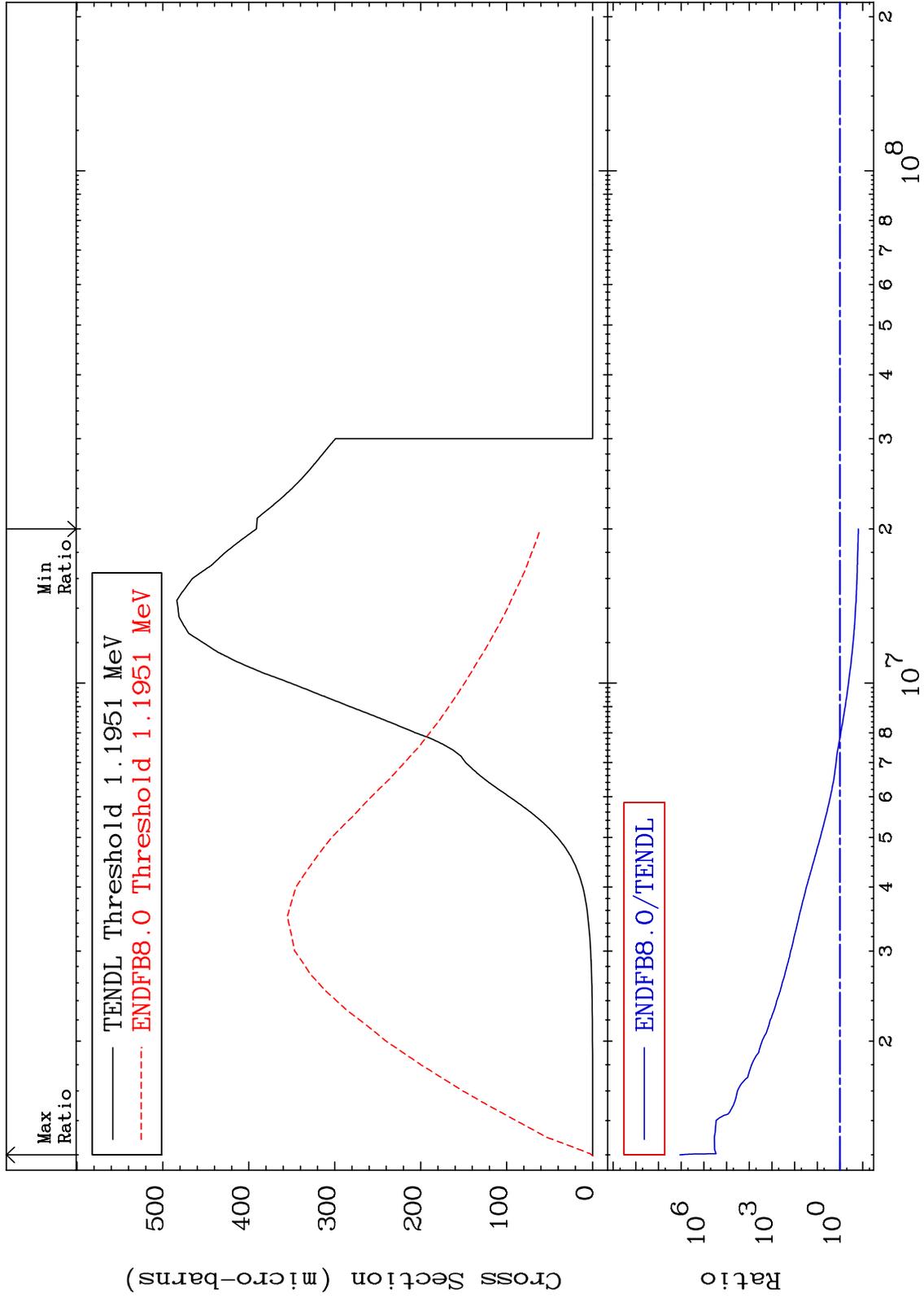
90-Th-228
-97.72 To 69.25 %



MAT 9028

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

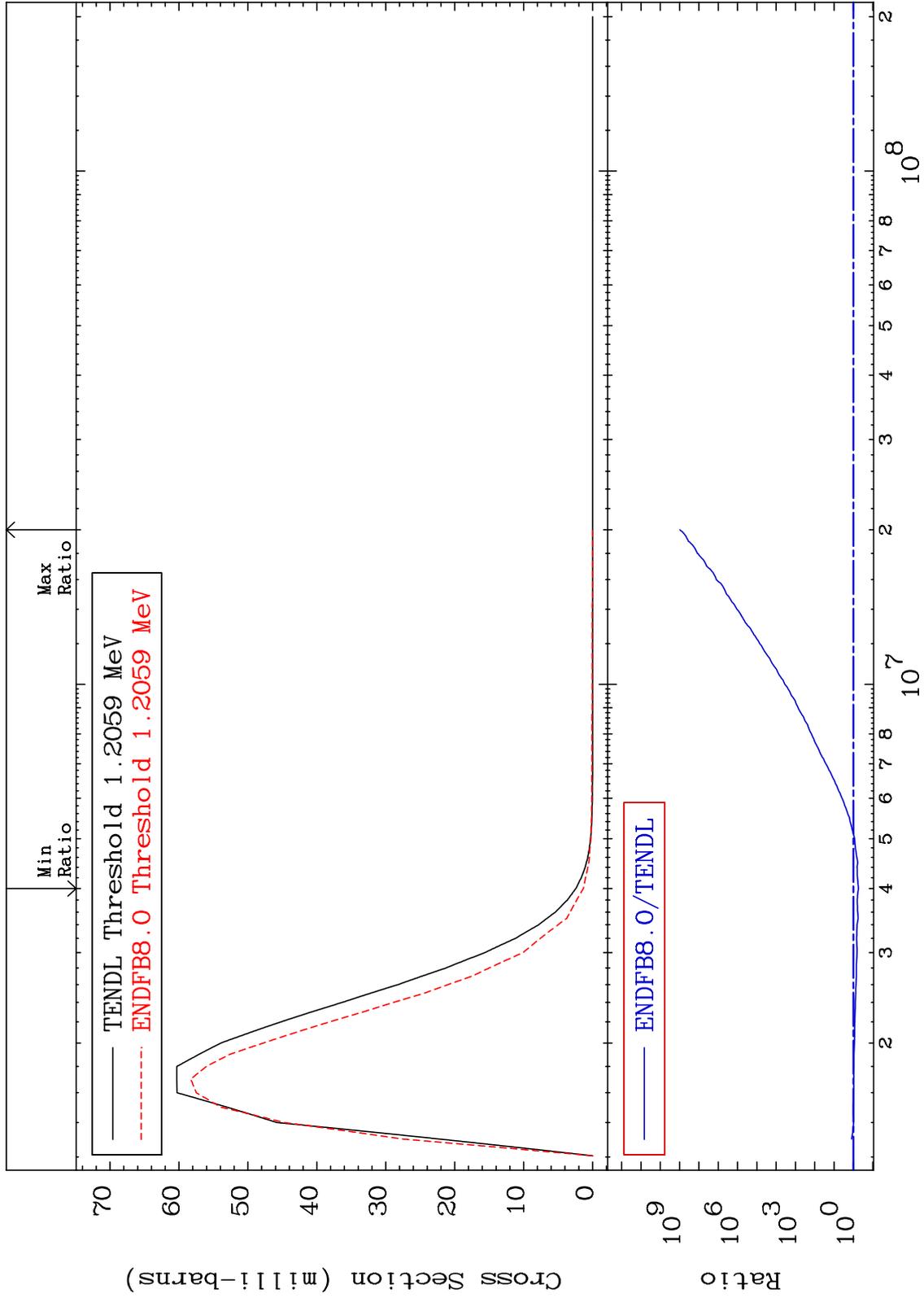
90-Th-228
-84.52 To 9999. %



MAT 9028

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

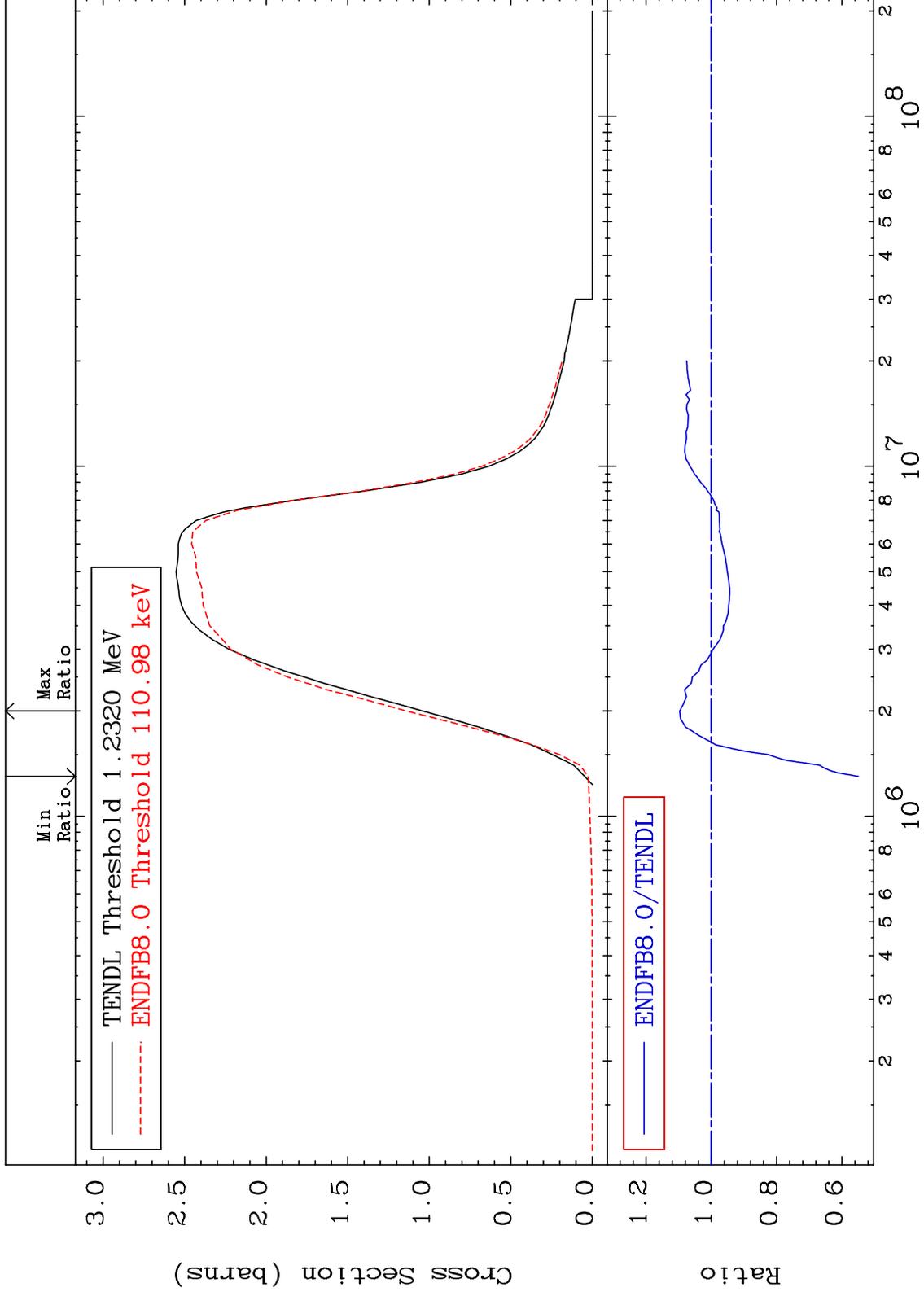
90-Th-228
-44.90 To 9999. %



MAT 9028

(n, n') Continuum
Cross Section

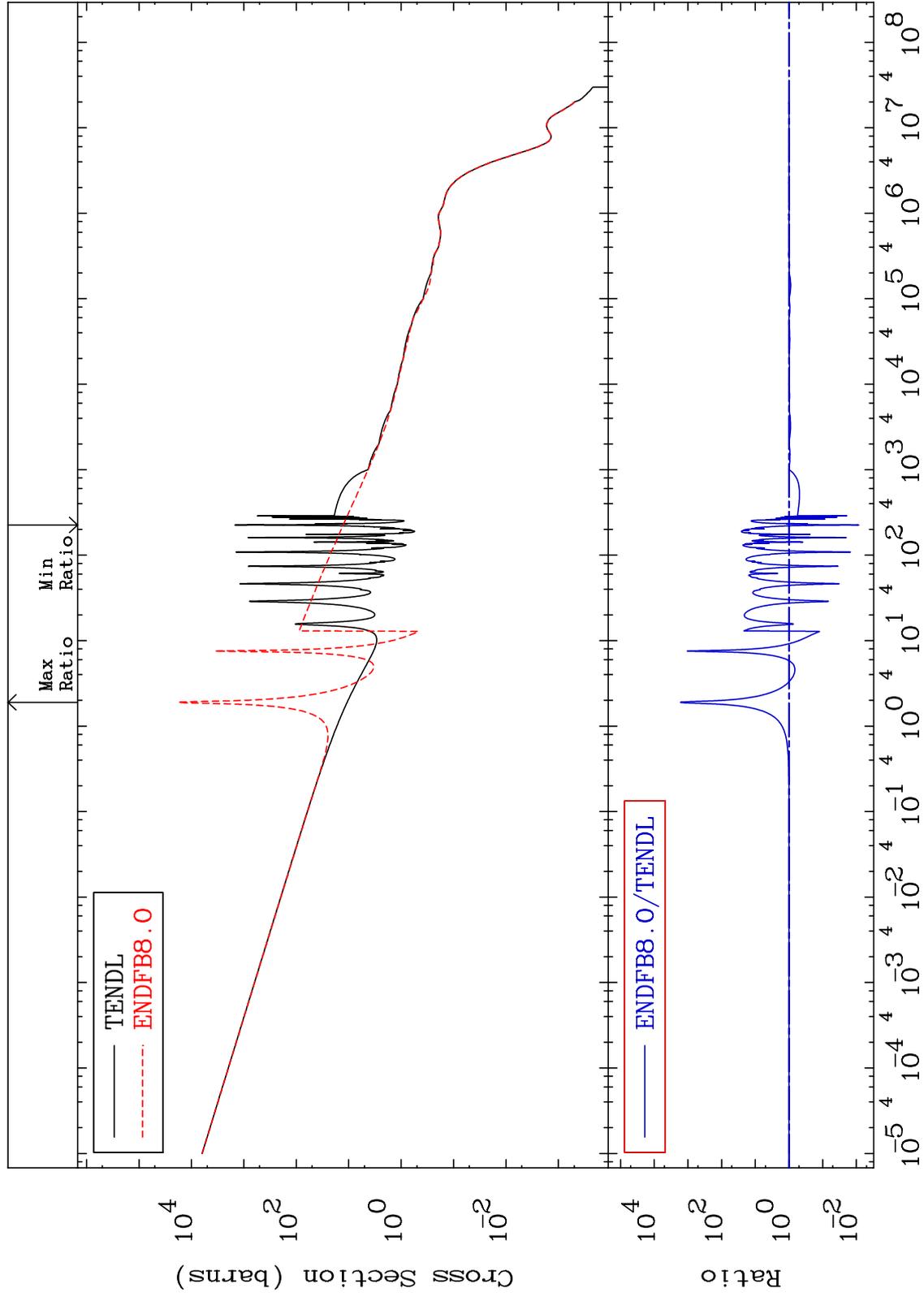
90-Th-228
-45.02 To 9.703 %



MAT 9028

90-Th-228
-99.14 To 9999. %

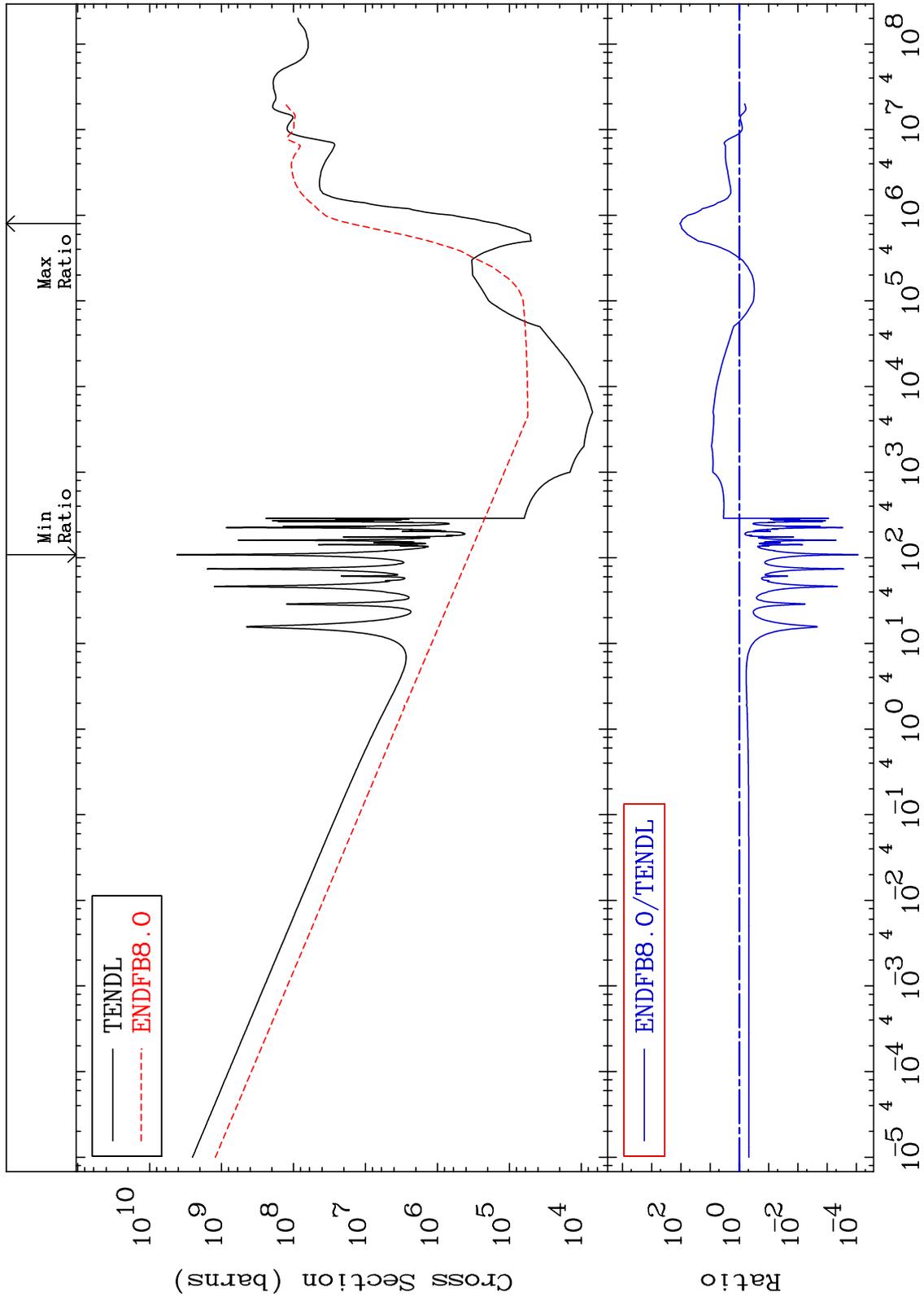
(n, γ)
Cross Section



MAT 9028

Kerma total (eV-barns)
Cross Section

90-Th-228
-99.99 To 9999. %



42

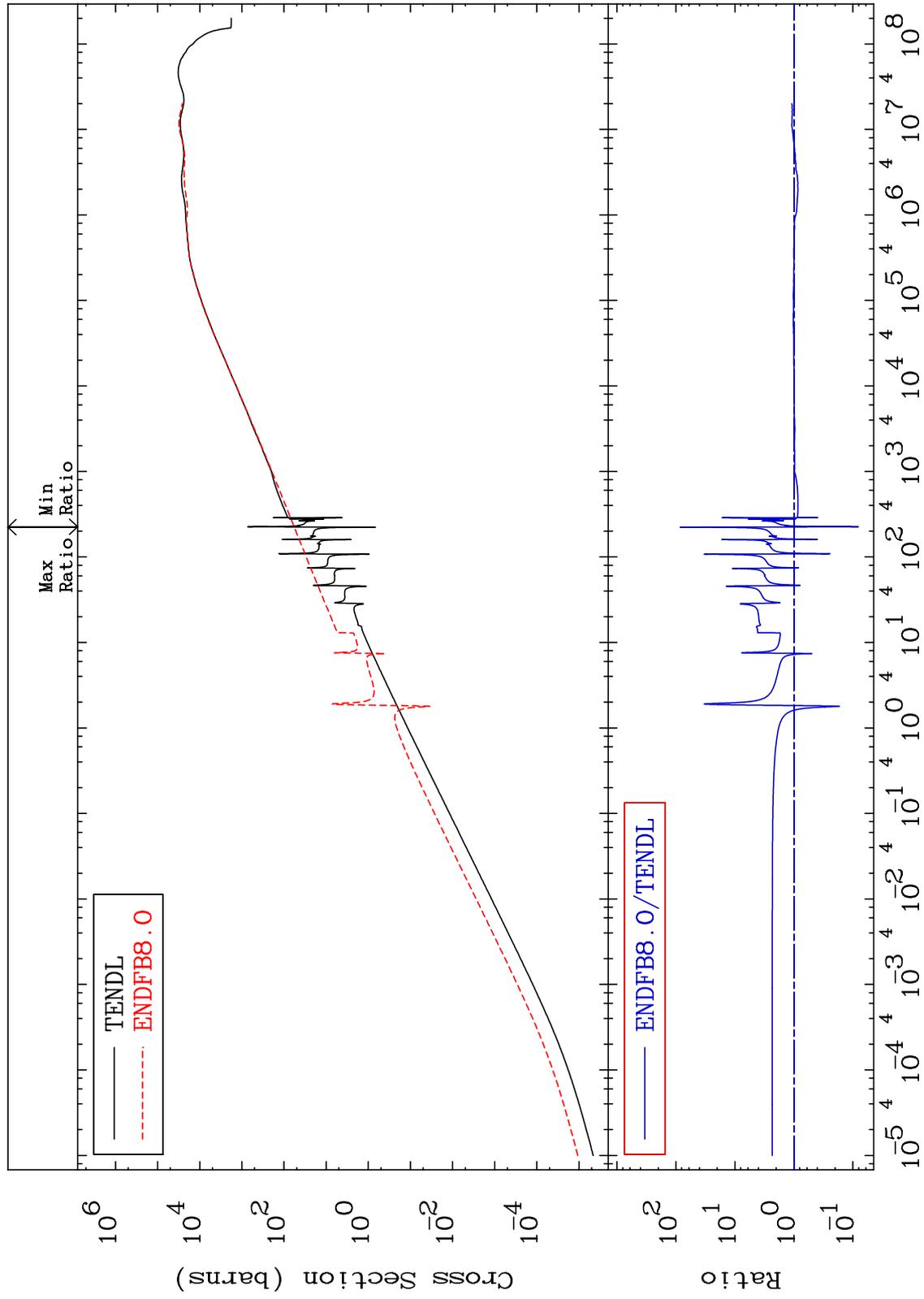
Incident Energy (eV)

90-Th-228

MAT 9028

Kerma elastic
Cross Section

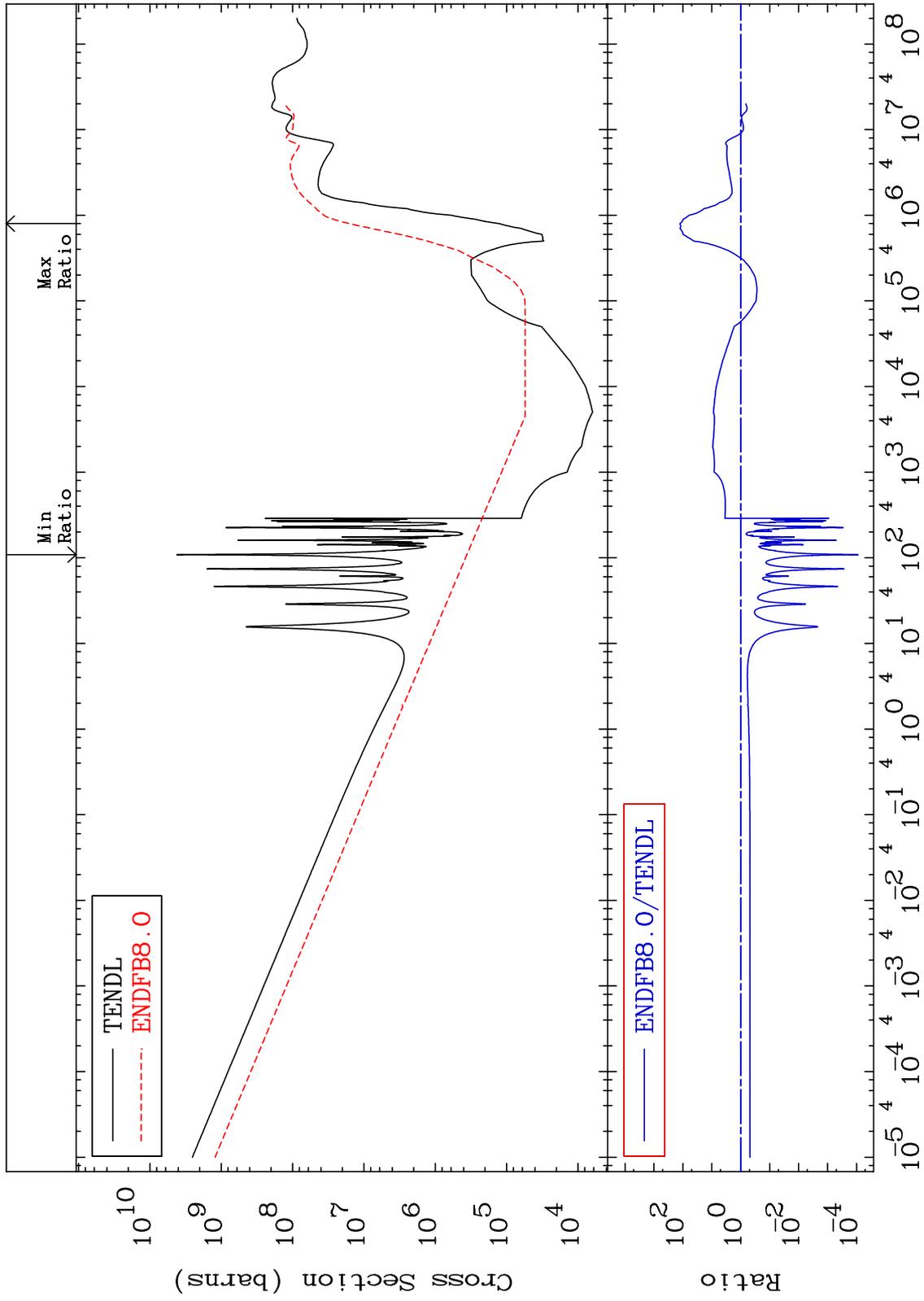
90-Th-228
-91.97 To 8320. %



MAT 9028

Kerma non-elastic (all but mt2)
Cross Section

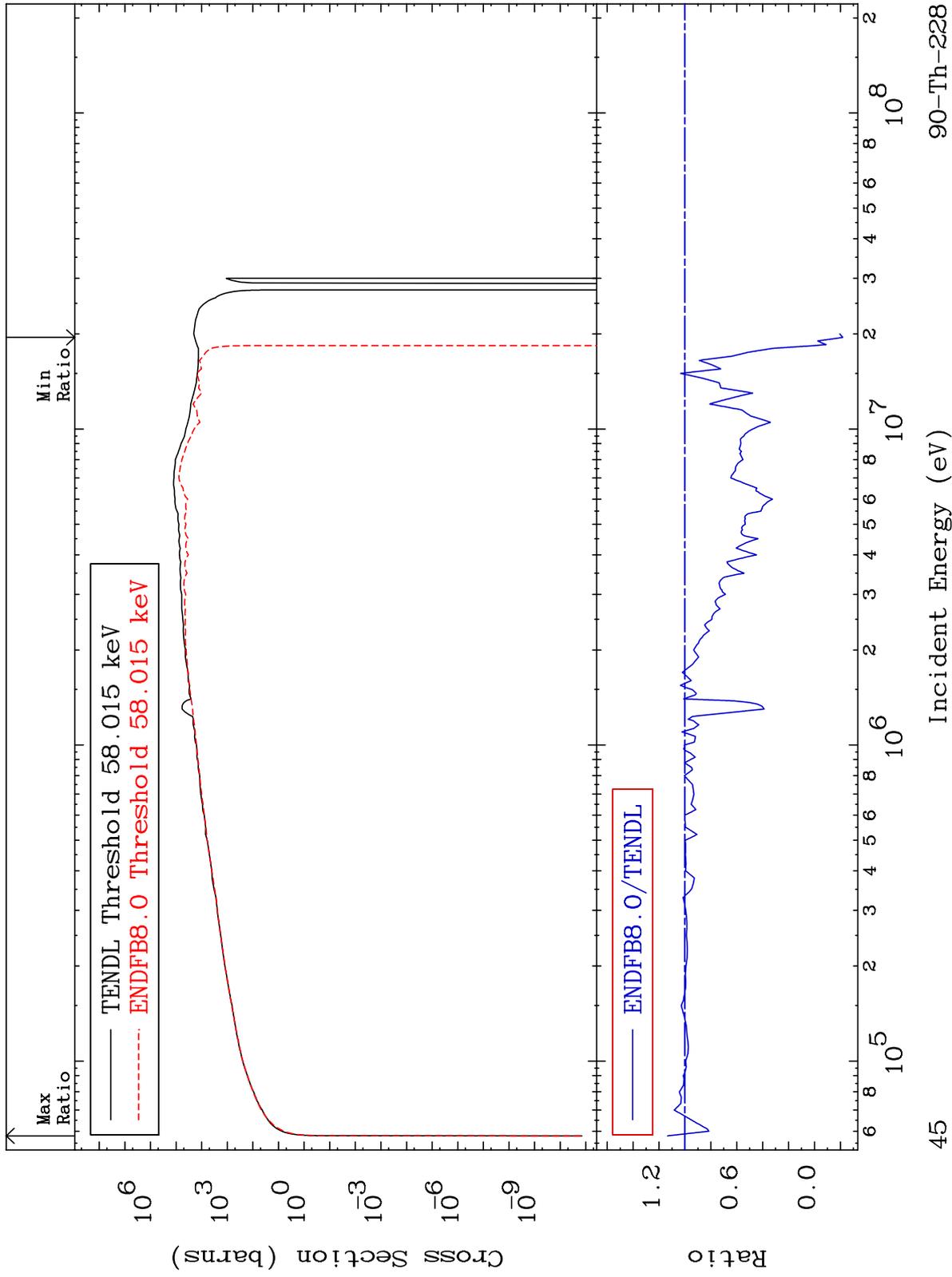
90-Th-228
-99.99 To 9999. %



MAT 9028

Kerma inelastic (mt51-91)
Cross Section

90-Th-228
-121.9 To 13.34 %



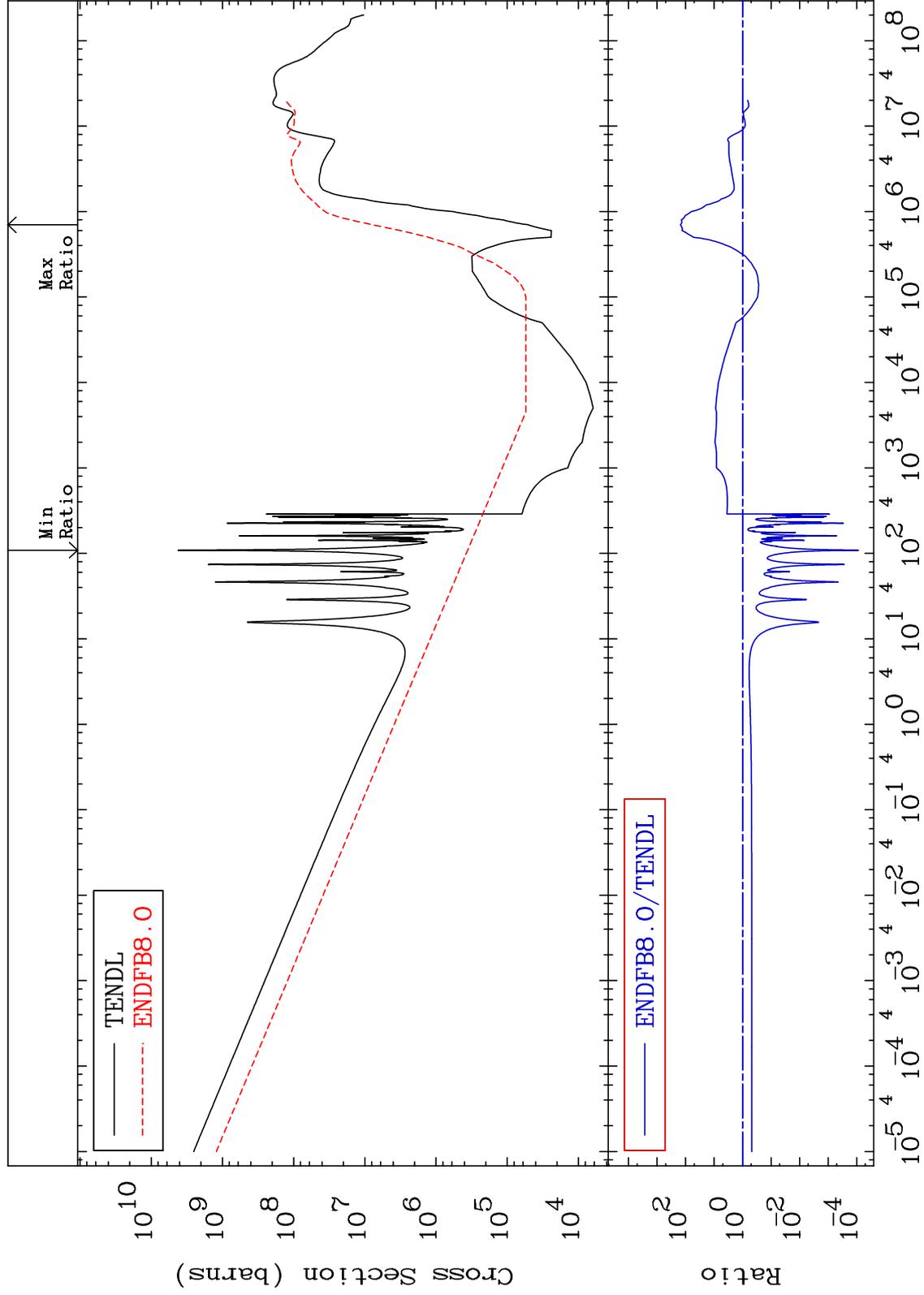
MAT 9028

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

90-Th-228

-99.99 To 9999. %

Cross Section



46

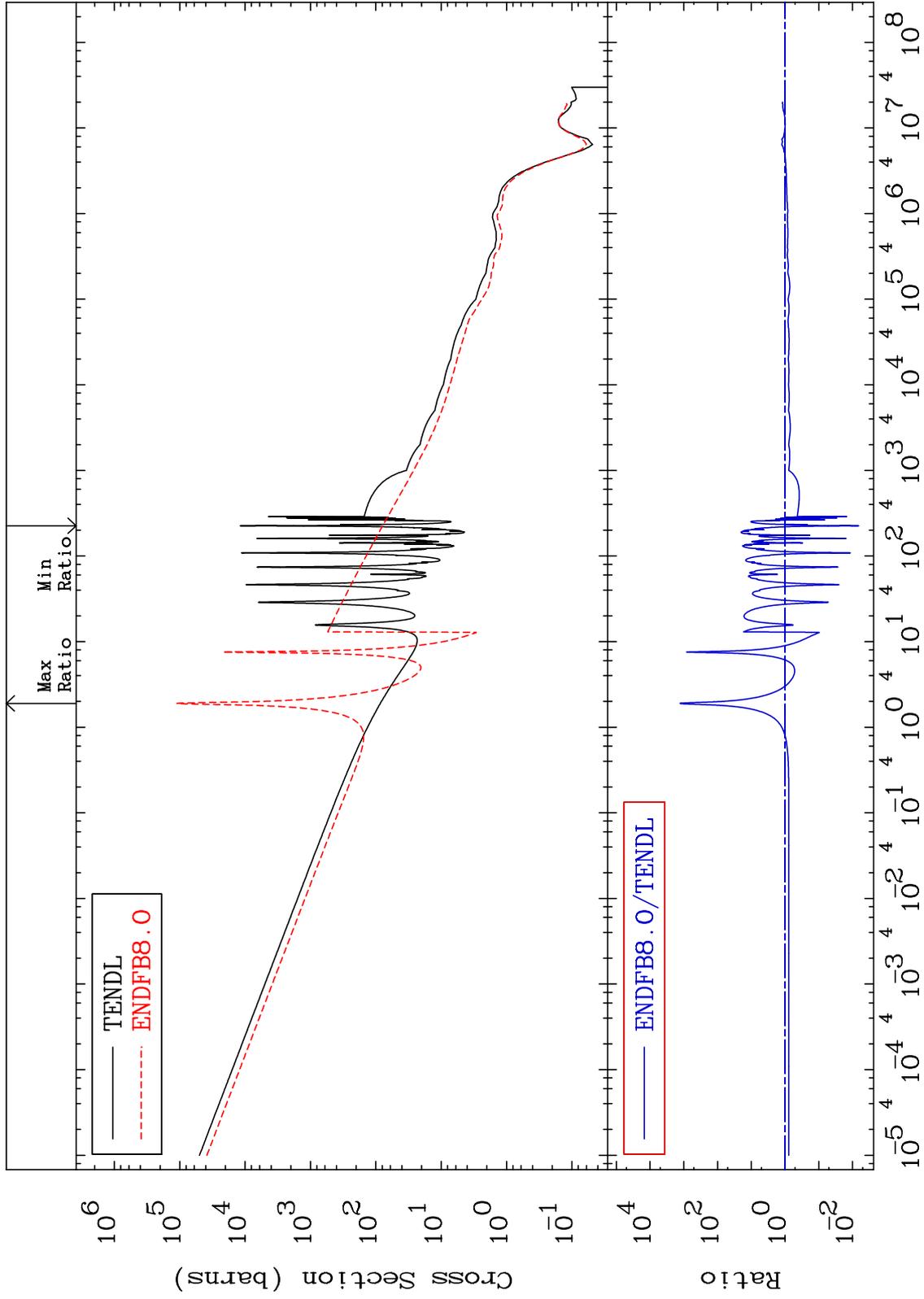
Incident Energy (eV)

90-Th-228

MAT 9028

Kerma capture (mt102)
Cross Section

90-Th-228
-99.33 To 9999. %



47

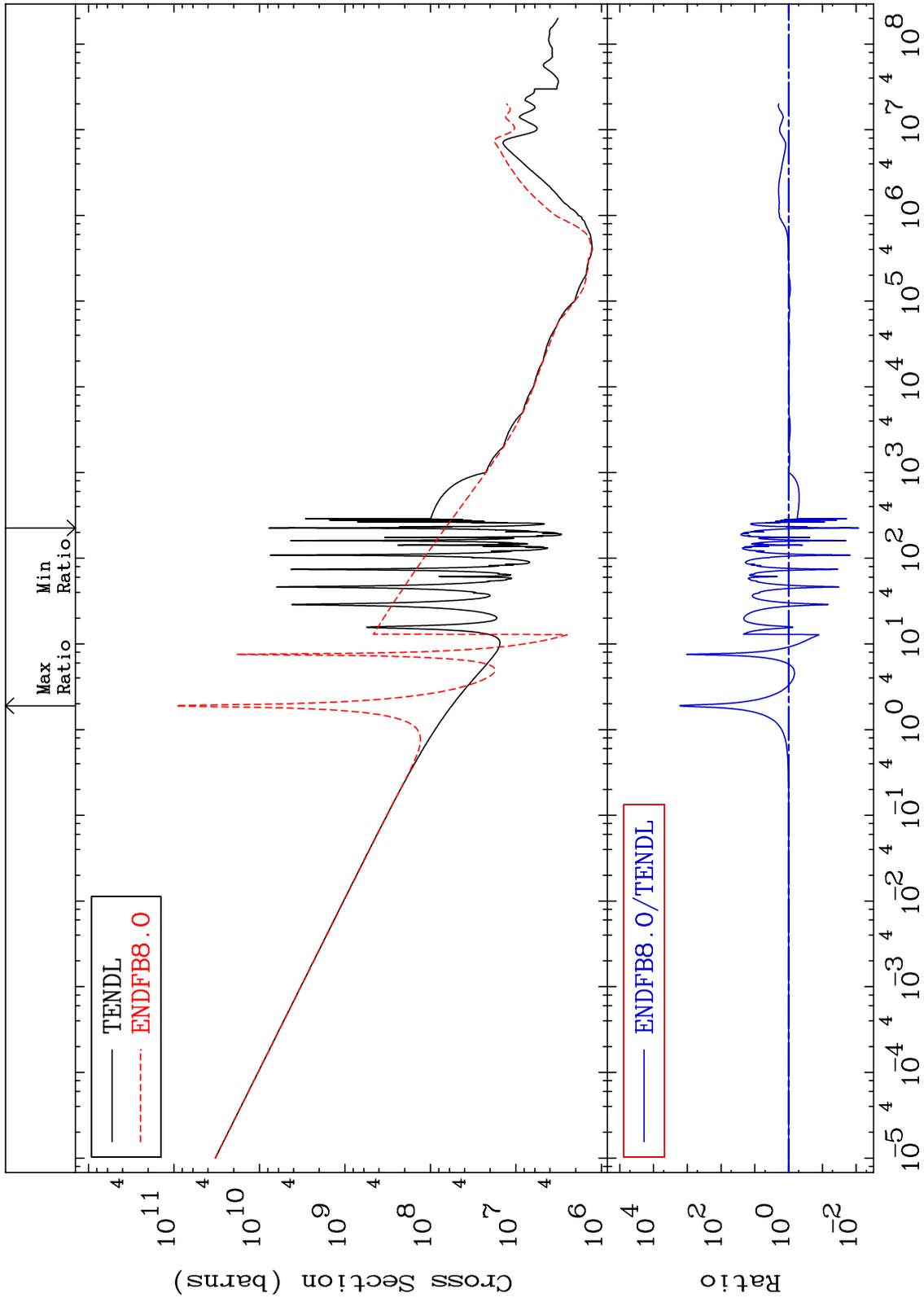
Incident Energy (eV)

90-Th-228

MAT 9028

Total photon (eV-barns)
Cross Section

90-Th-228
-99.14 To 9999. %



48

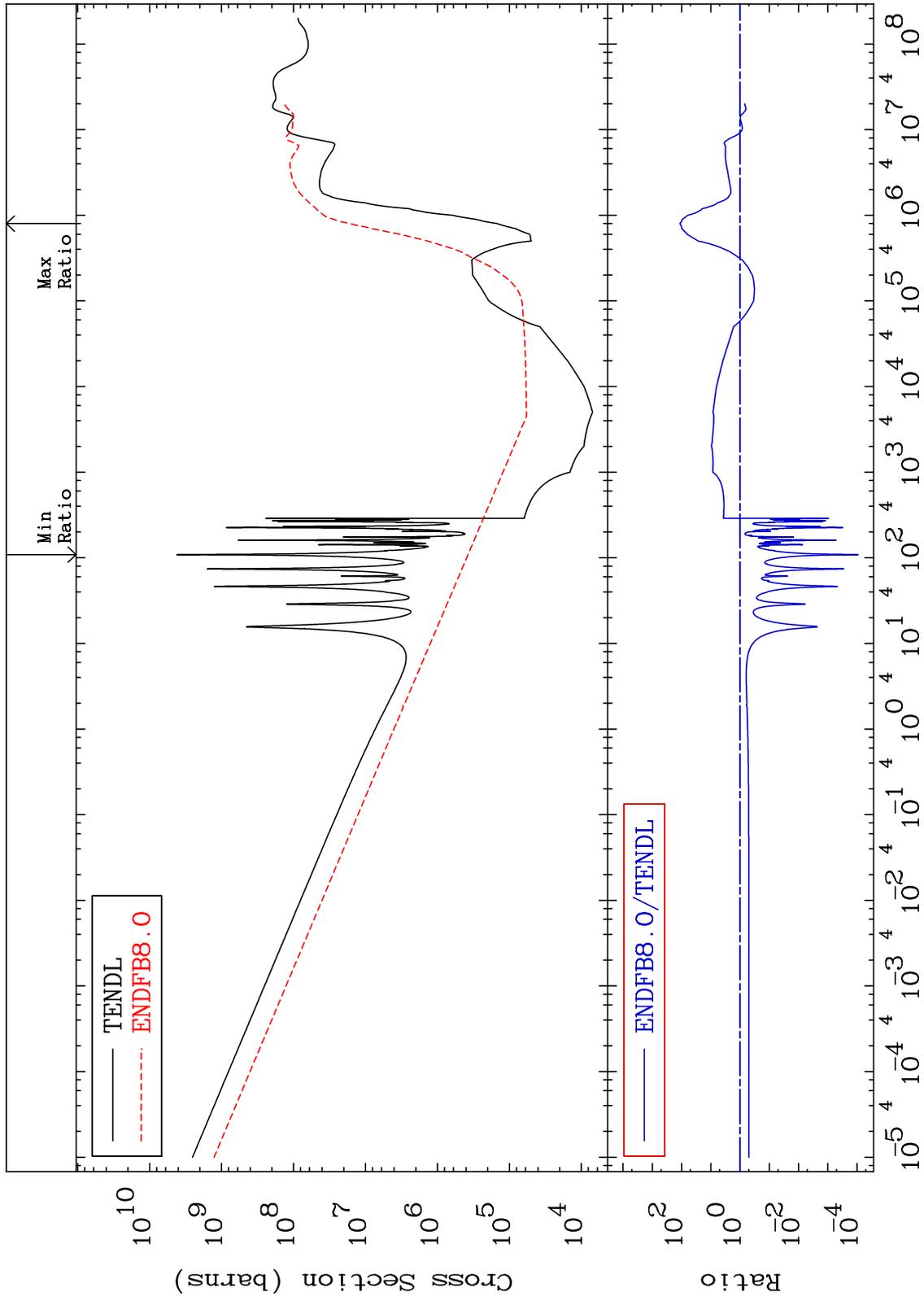
Incident Energy (eV)

90-Th-228

MAT 9028

Total kinematic kerma (high limit)

90-Th-228
-99.99 To 9999. %



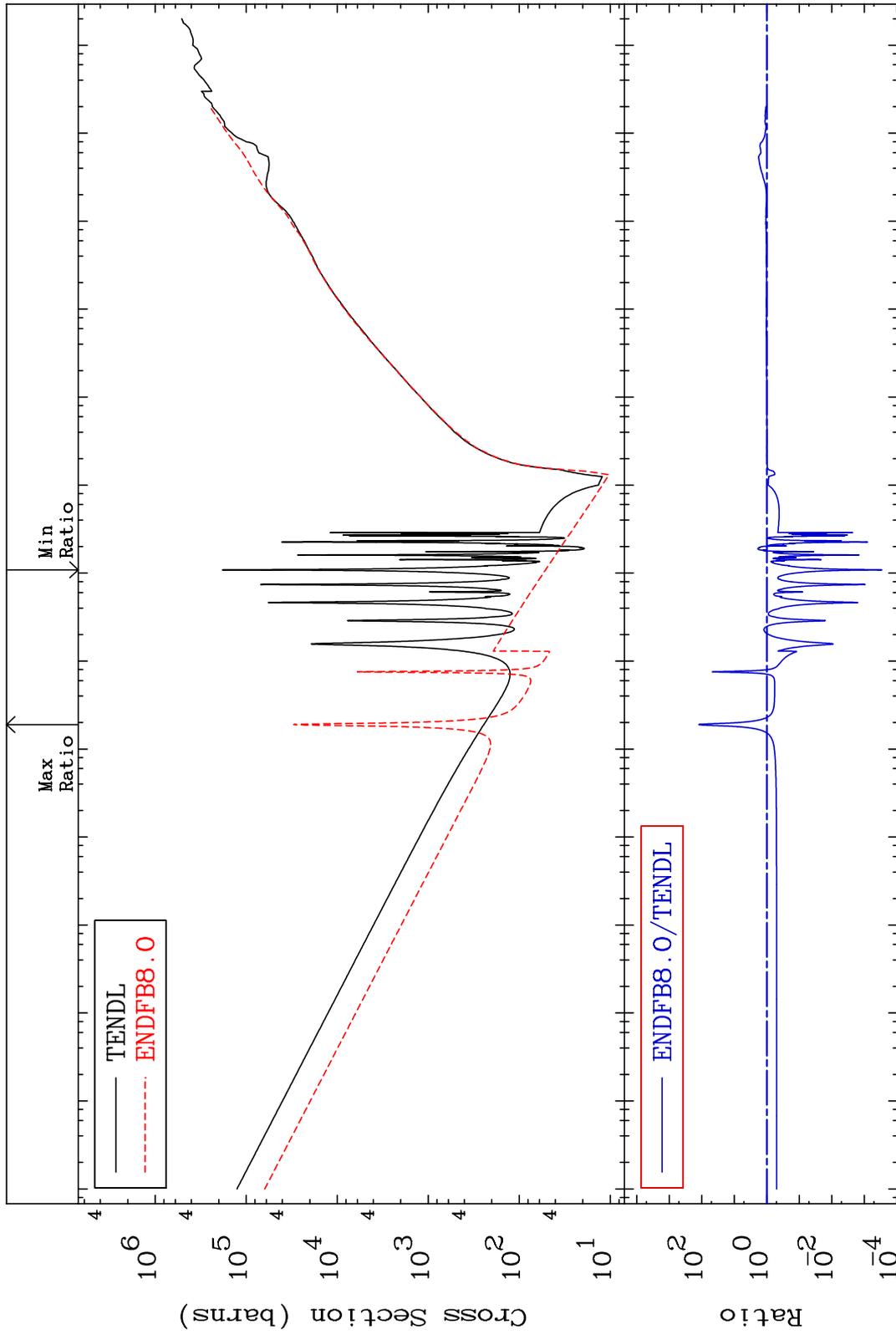
MAT 9028

Dpa total (eV-barns)

90-Th-228

-99.97 To 9999. %

Cross Section



50

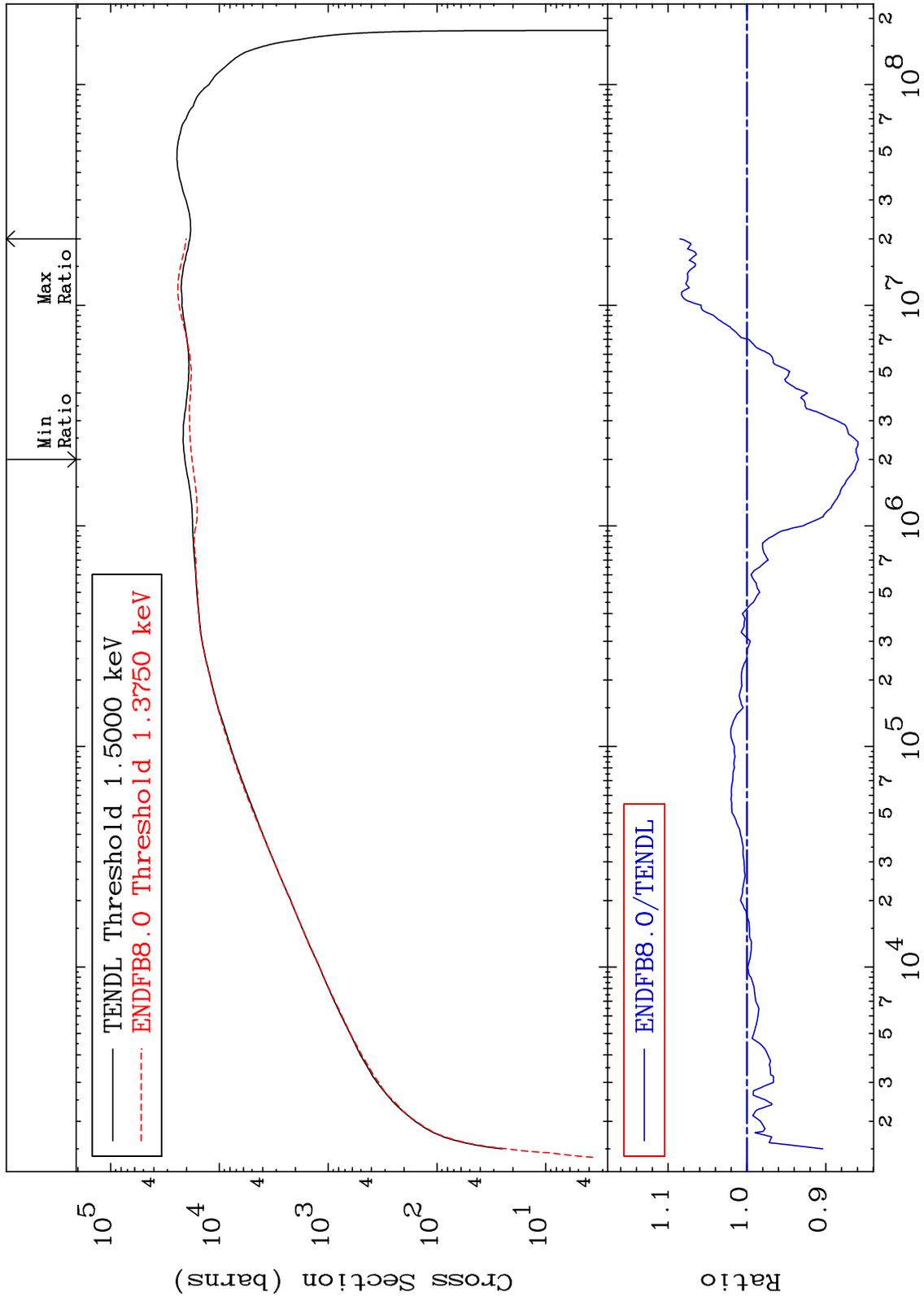
Incident Energy (eV)

90-Th-228

MAT 9028

Dpa elastic (mt2)
Cross Section

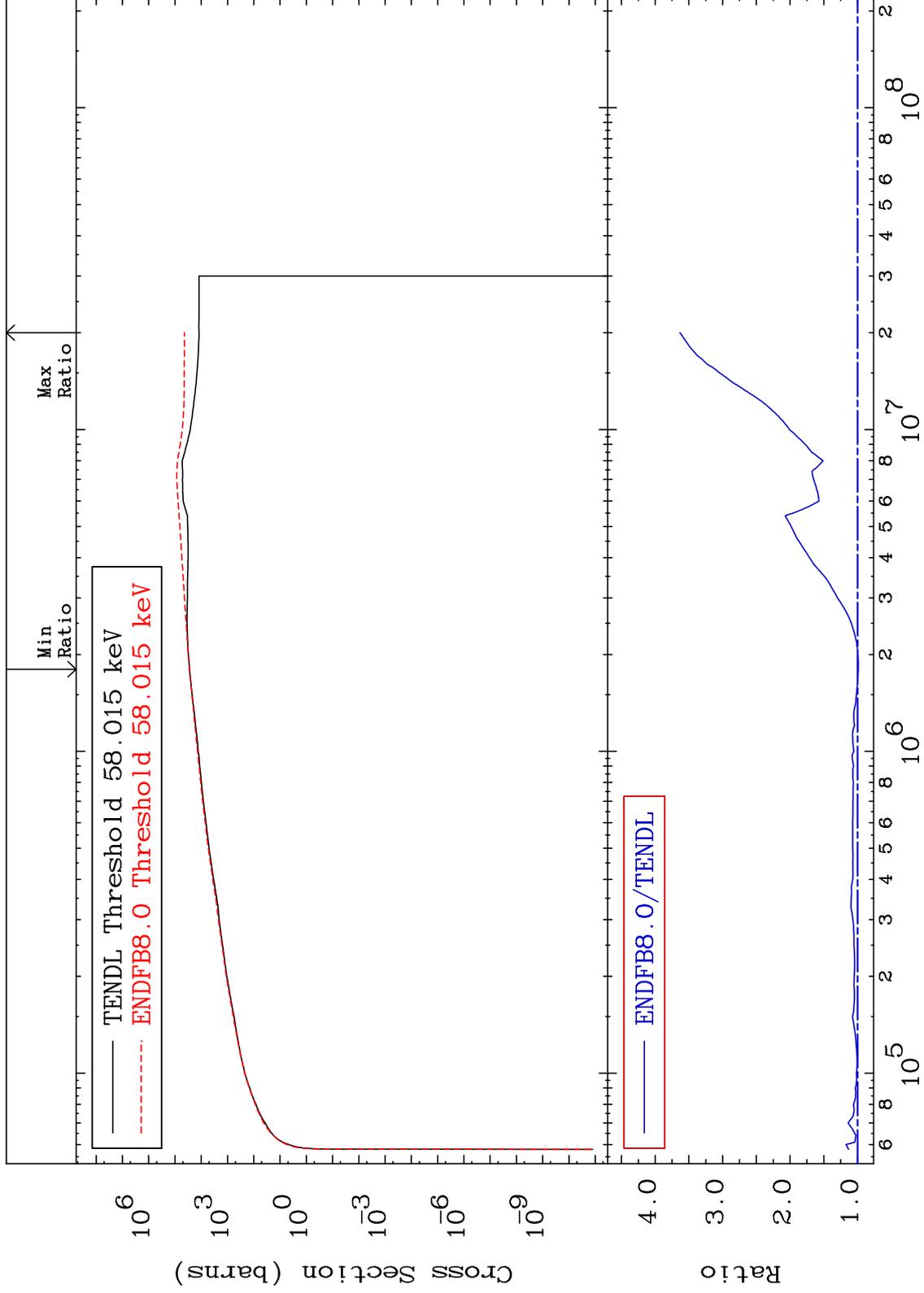
90-Th-228
-14.13 To 8.496 %



MAT 9028

Dpa inelastic (mt51-91)
Cross Section

90-Th-228
-1.328 To 263.3 %



52

Incident Energy (eV)

90-Th-228

MAT 9028

Dpa disappearance (mt102 -120)
Cross Section

90-Th-228
-100.0 To 9999. %

