

Program Complot
(Version 2018-1)

by

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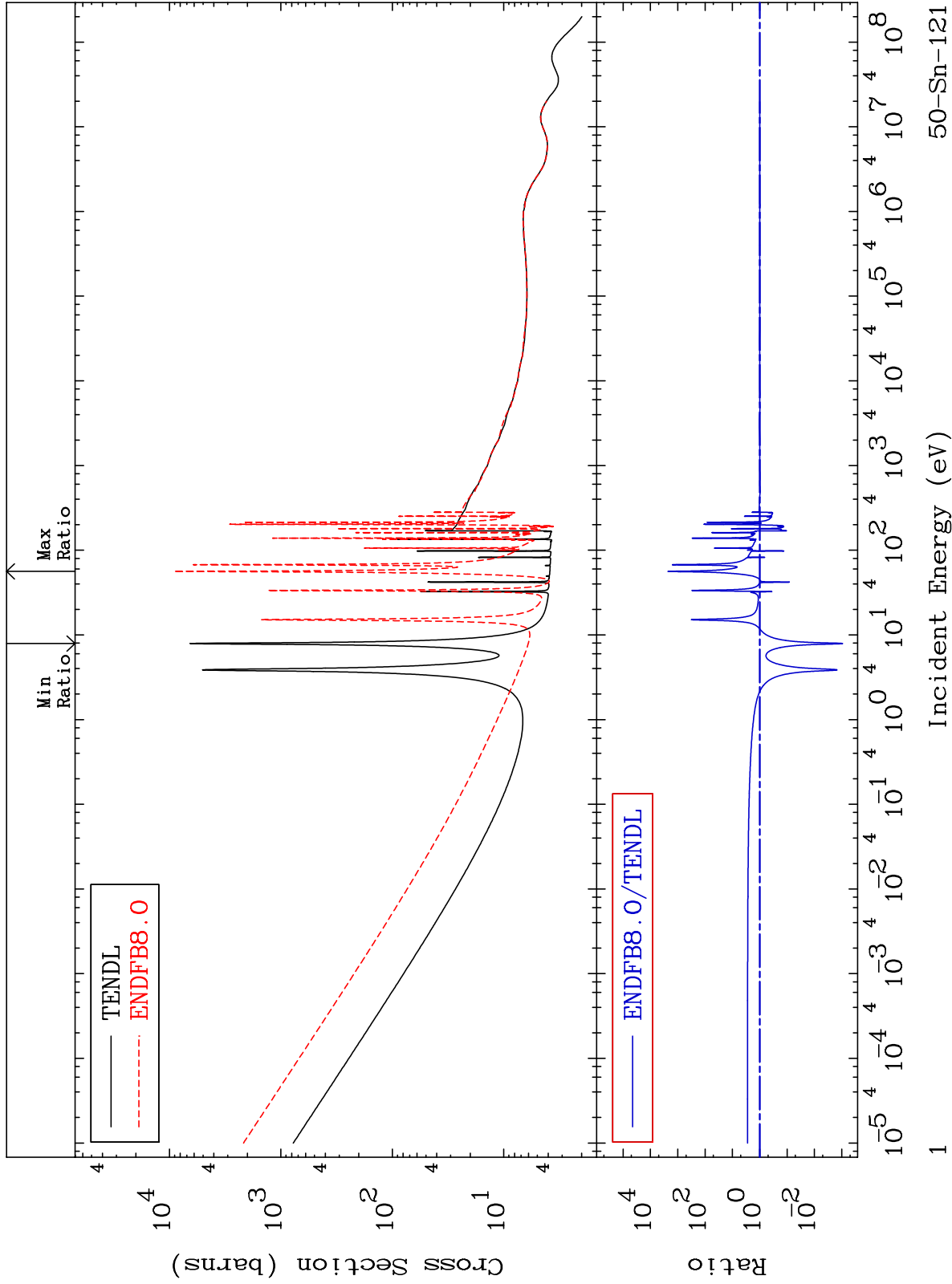
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5053

Total
Cross Section

50-Sn-121
-99.91 To 9999. %



50-Sn-121

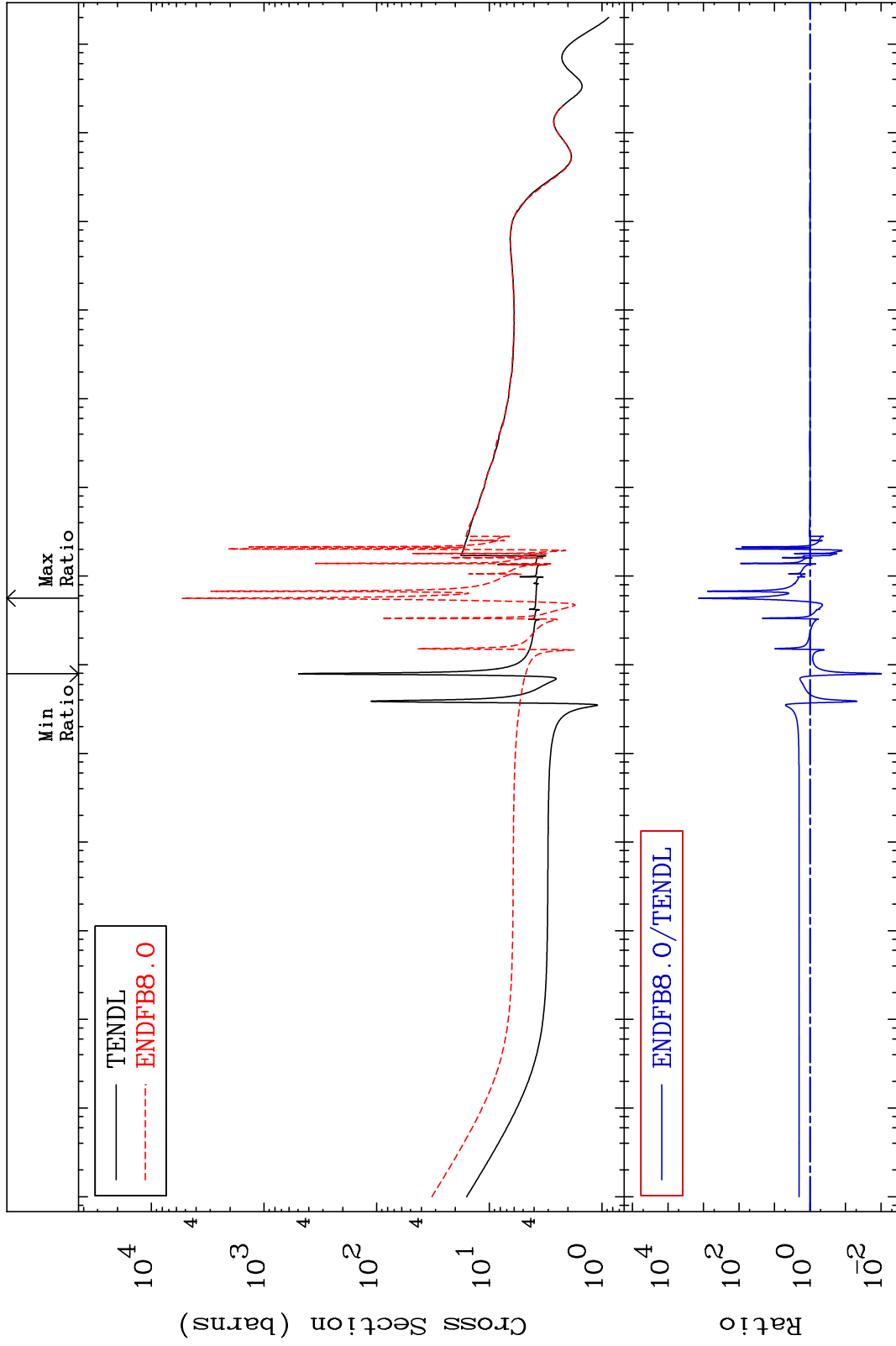
MAT 5053

Elastic

50-Sn-121

-99.03 To 9999. %

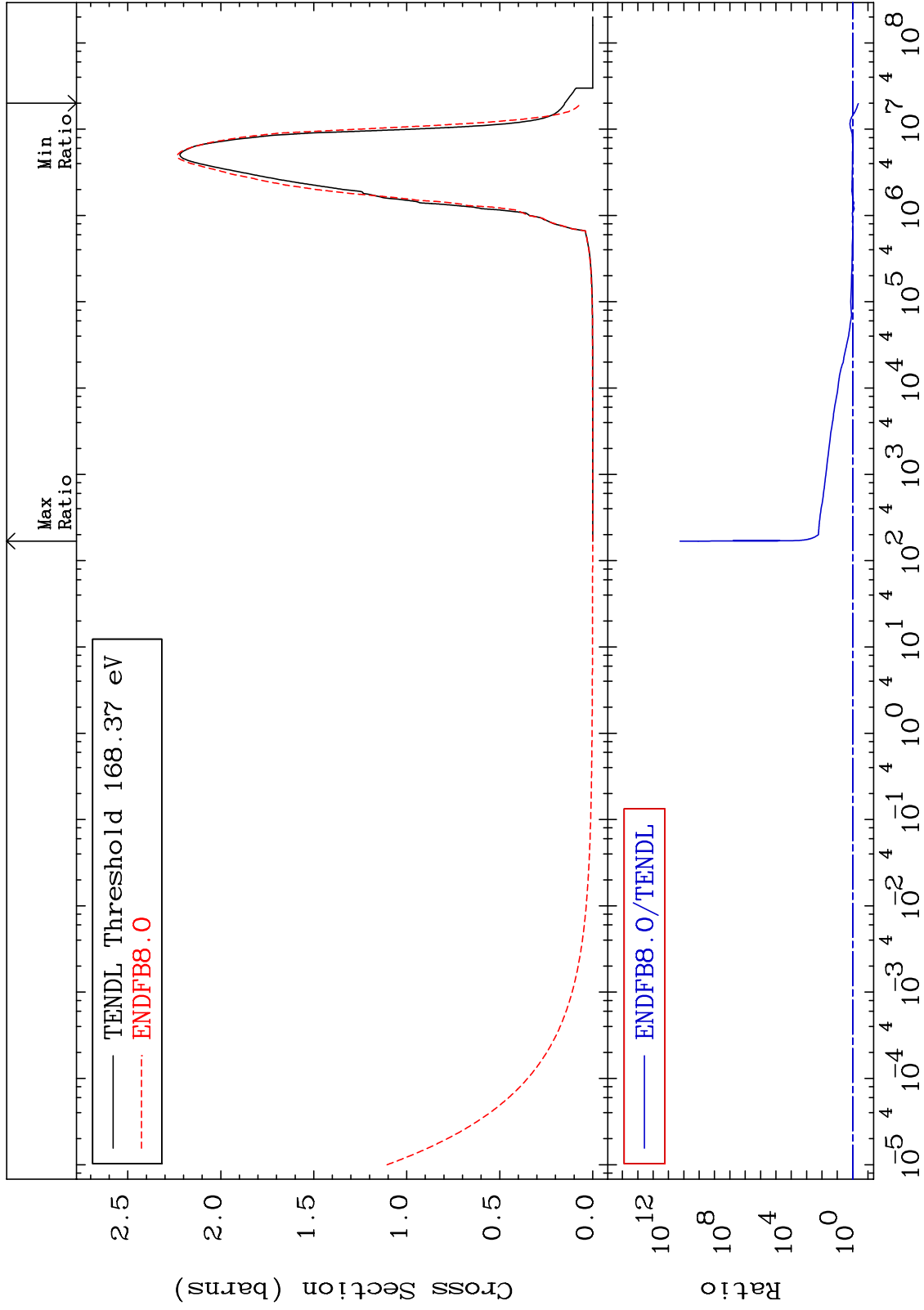
Cross Section



MAT 5053

Inelastic
Cross Section

50-Sn-121
-58.13 To 9999. %



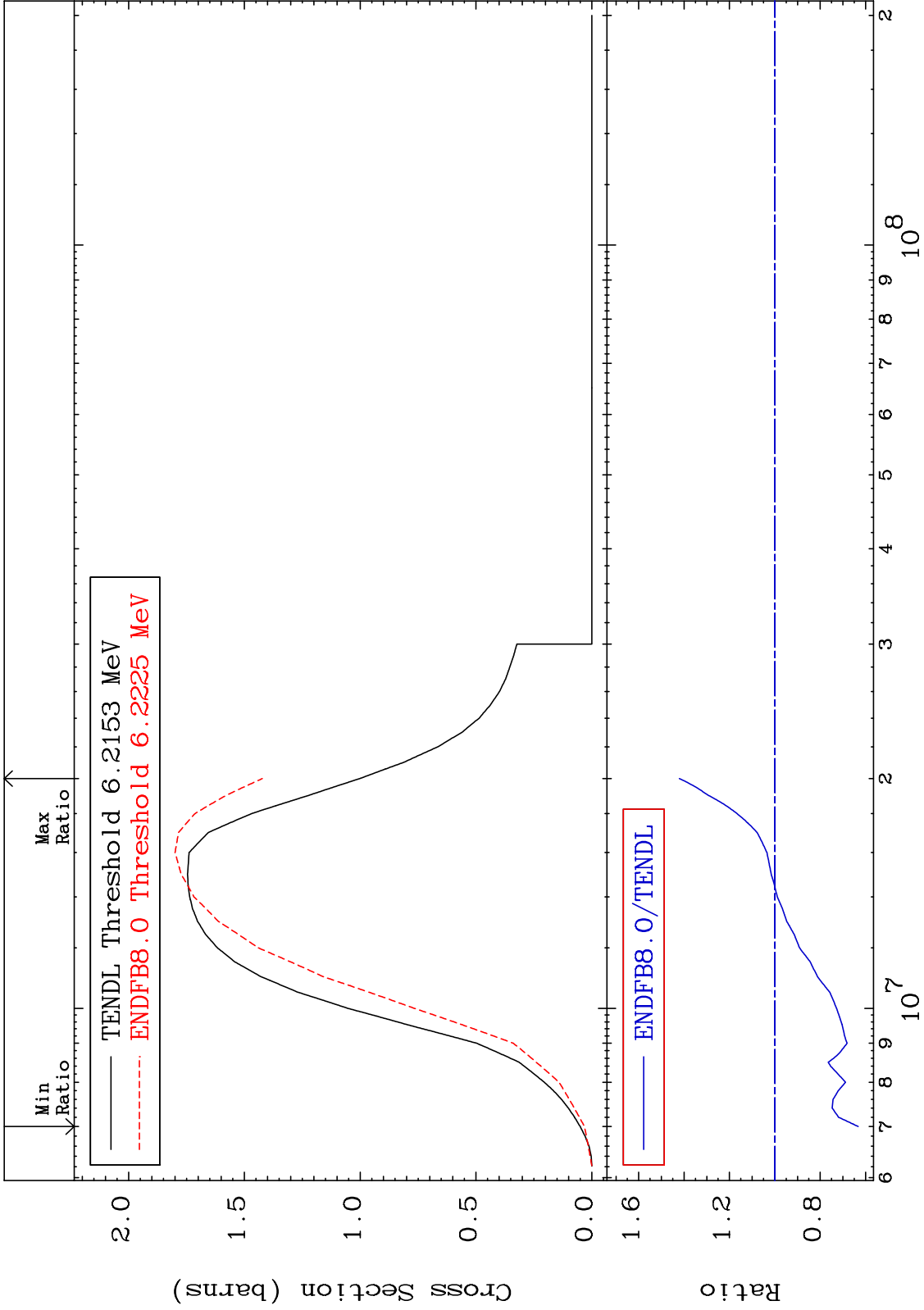
MAT 5053

(n, 2n)

50-Sn-121

Cross Section

-36.77 To 42.07 %



4

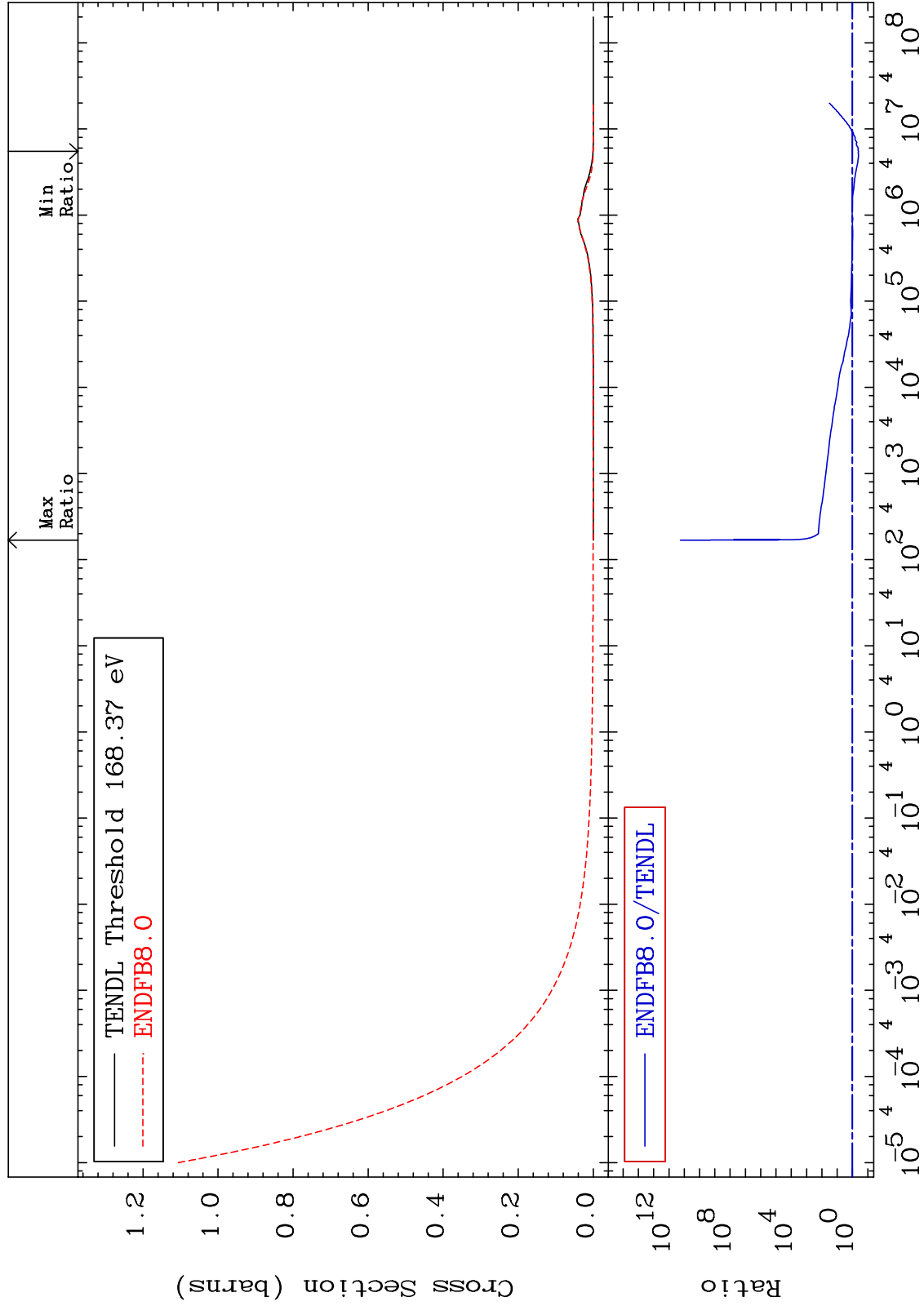
Incident Energy (eV)

50-Sn-121

MAT 5053

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

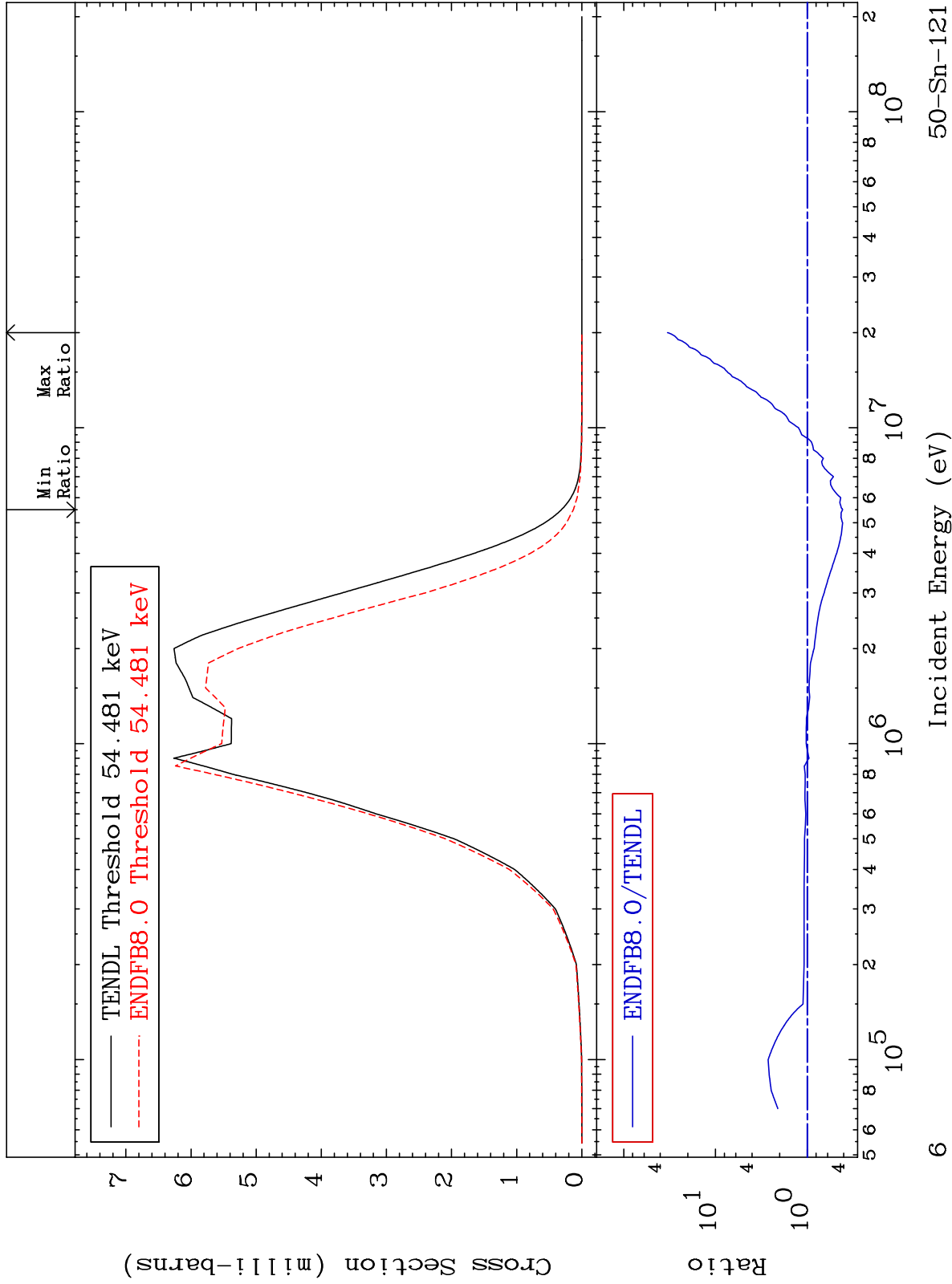
50-Sn-121
-59.89 To 9999. %



MAT 5053

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

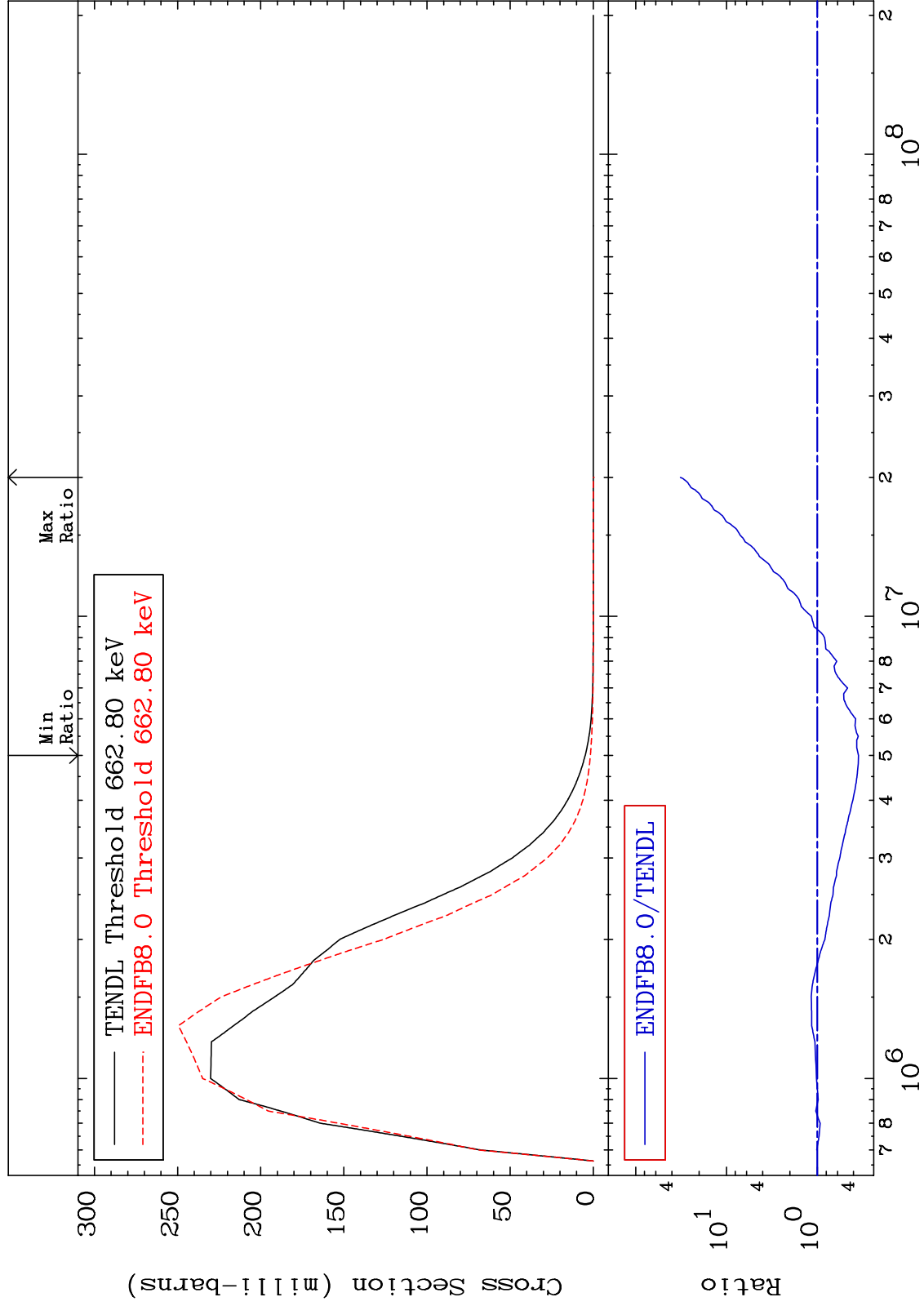
50-Sn-121
-58.90 To 3229. %



MAT 5053

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

50-Sn-121
-64.78 To 3112. %



50-Sn-121

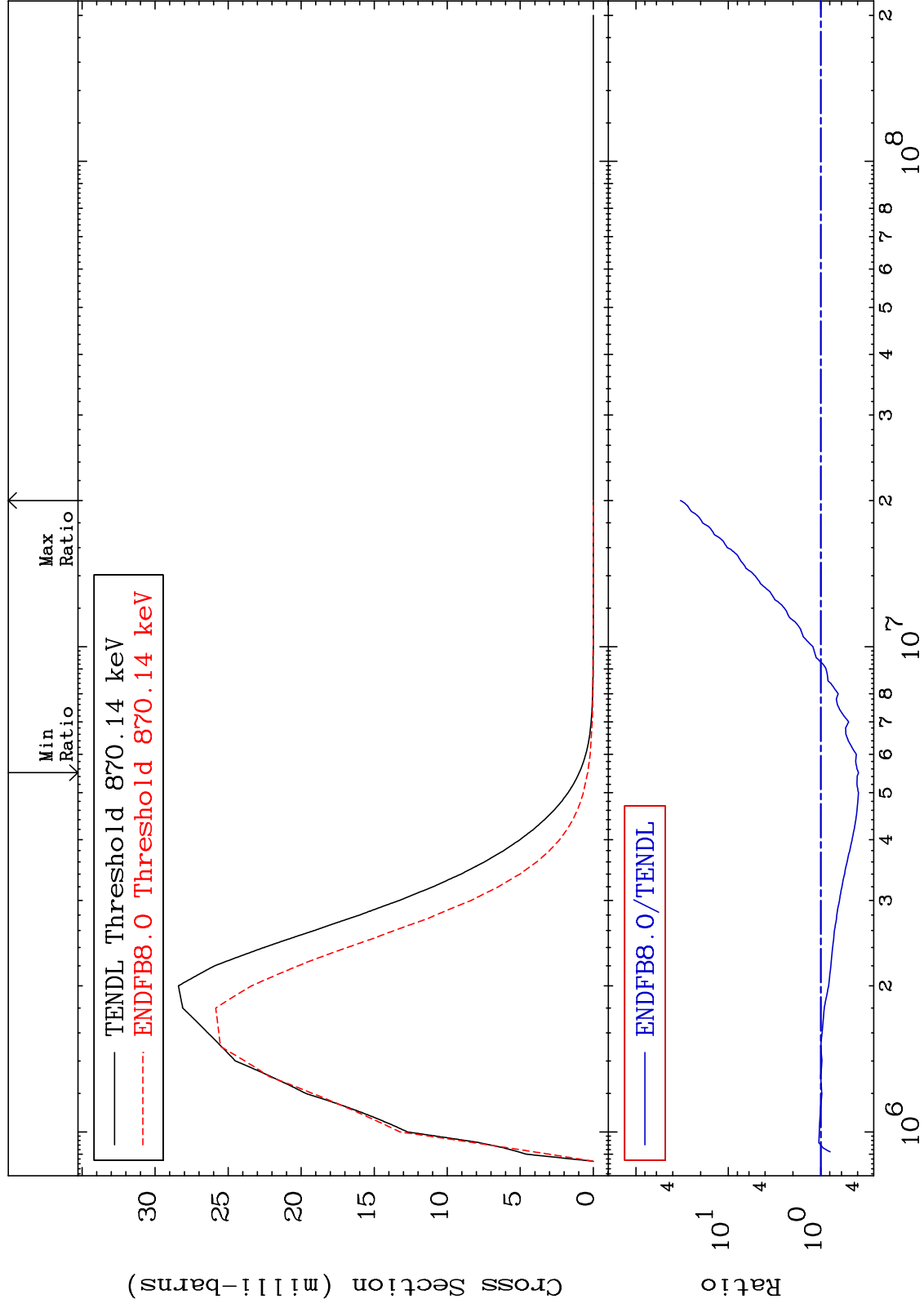
Incident Energy (eV)

7

MAT 5053

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

50-Sn-121
-60.83 To 3196. %



Incident Energy (eV)

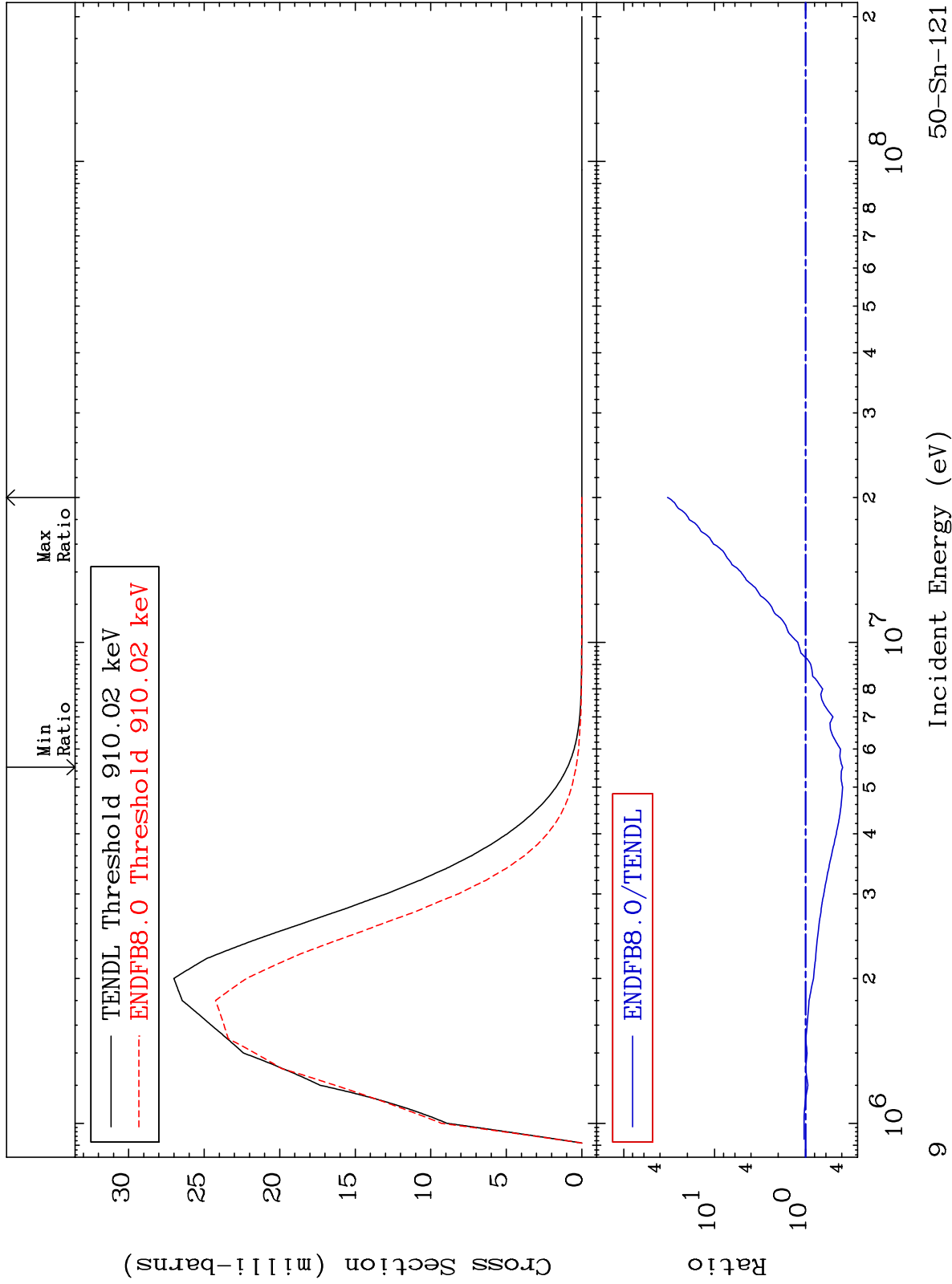
50-Sn-121

8

MAT 5053

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

50-Sn-121
-60.80 To 3197. %



50-Sn-121

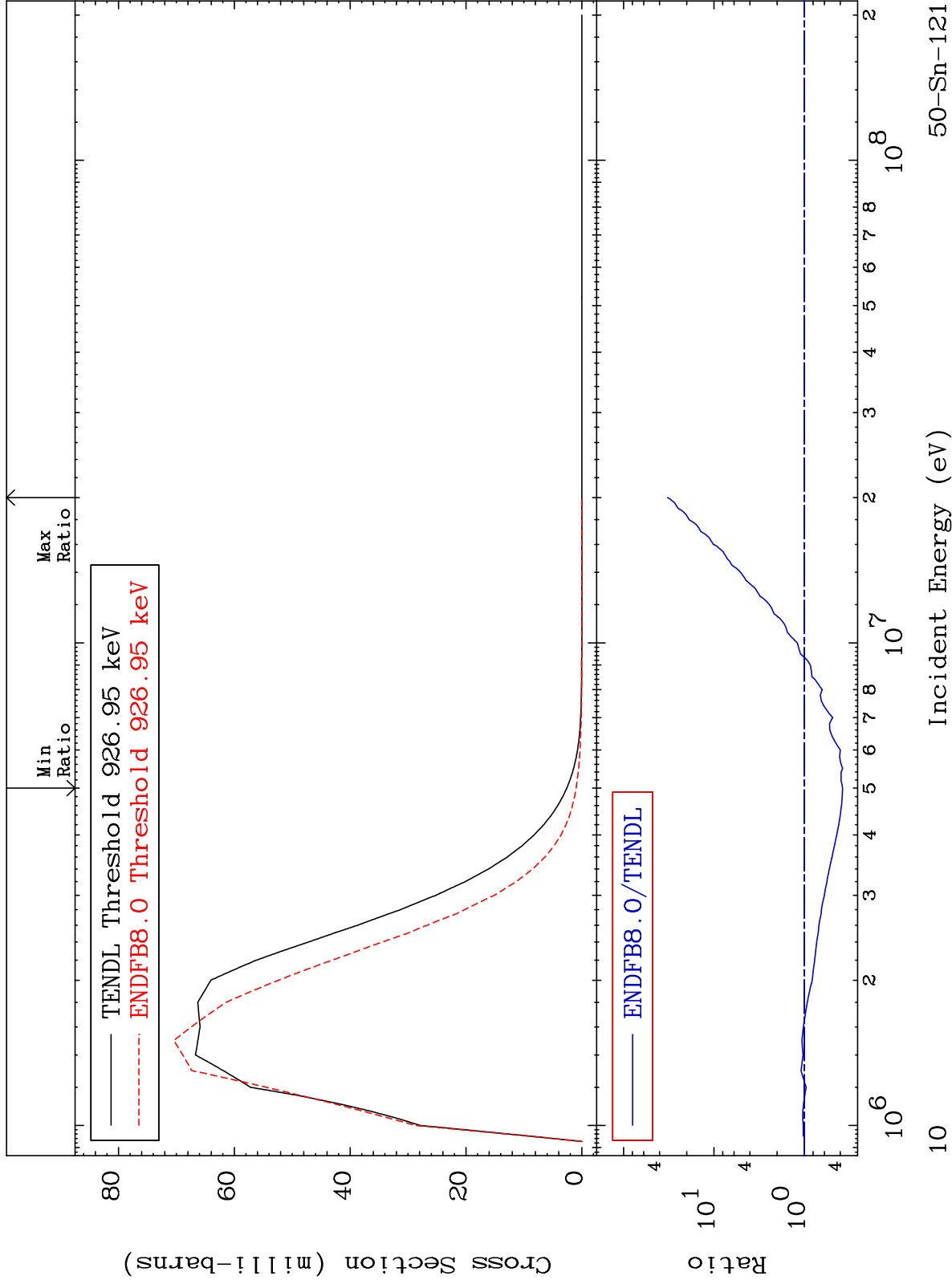
Incident Energy (eV)

9

MAT 5053

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

50-Sn-121
-62.40 To 3161. %

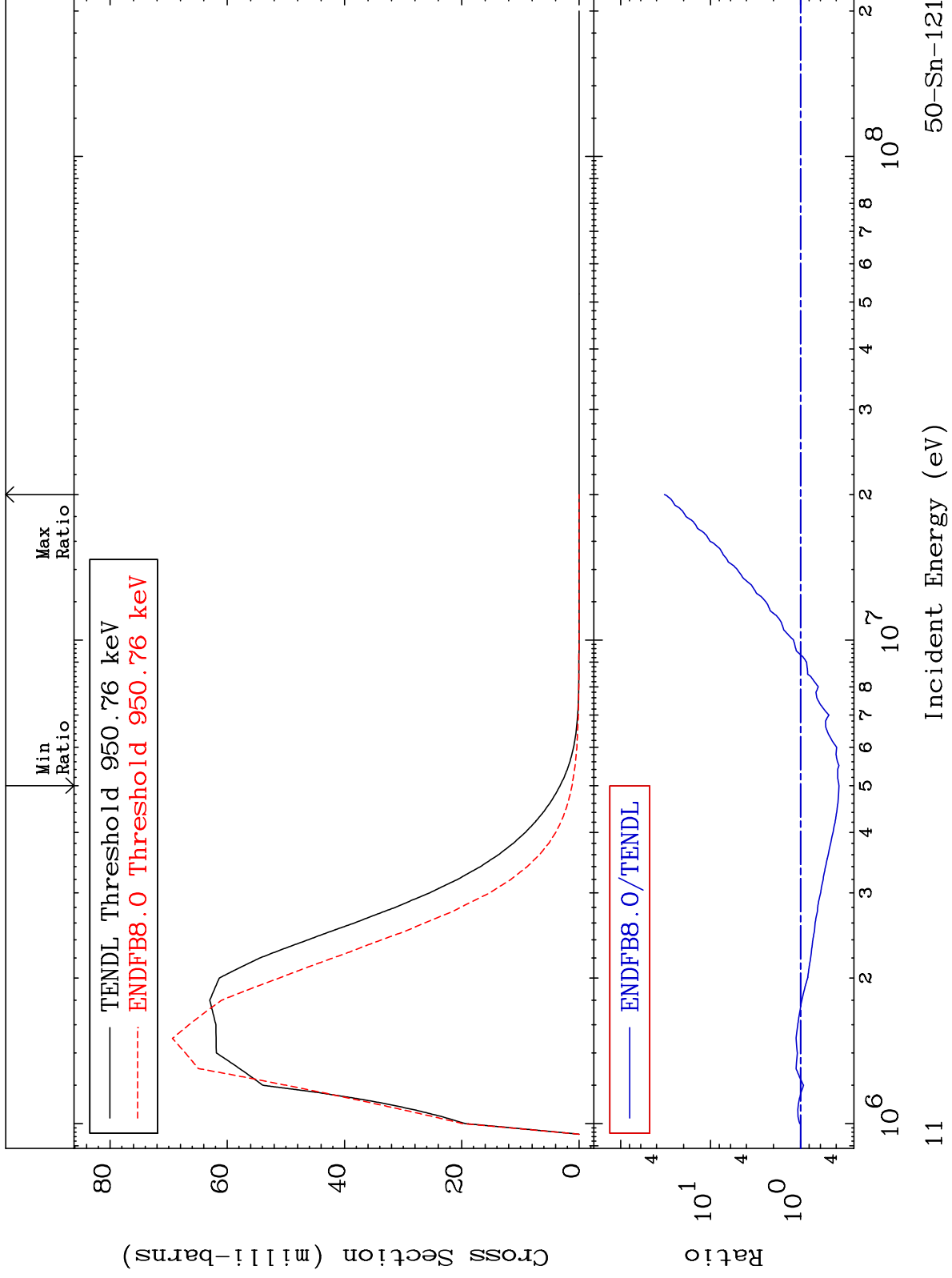


50-Sn-121

MAT 5053

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

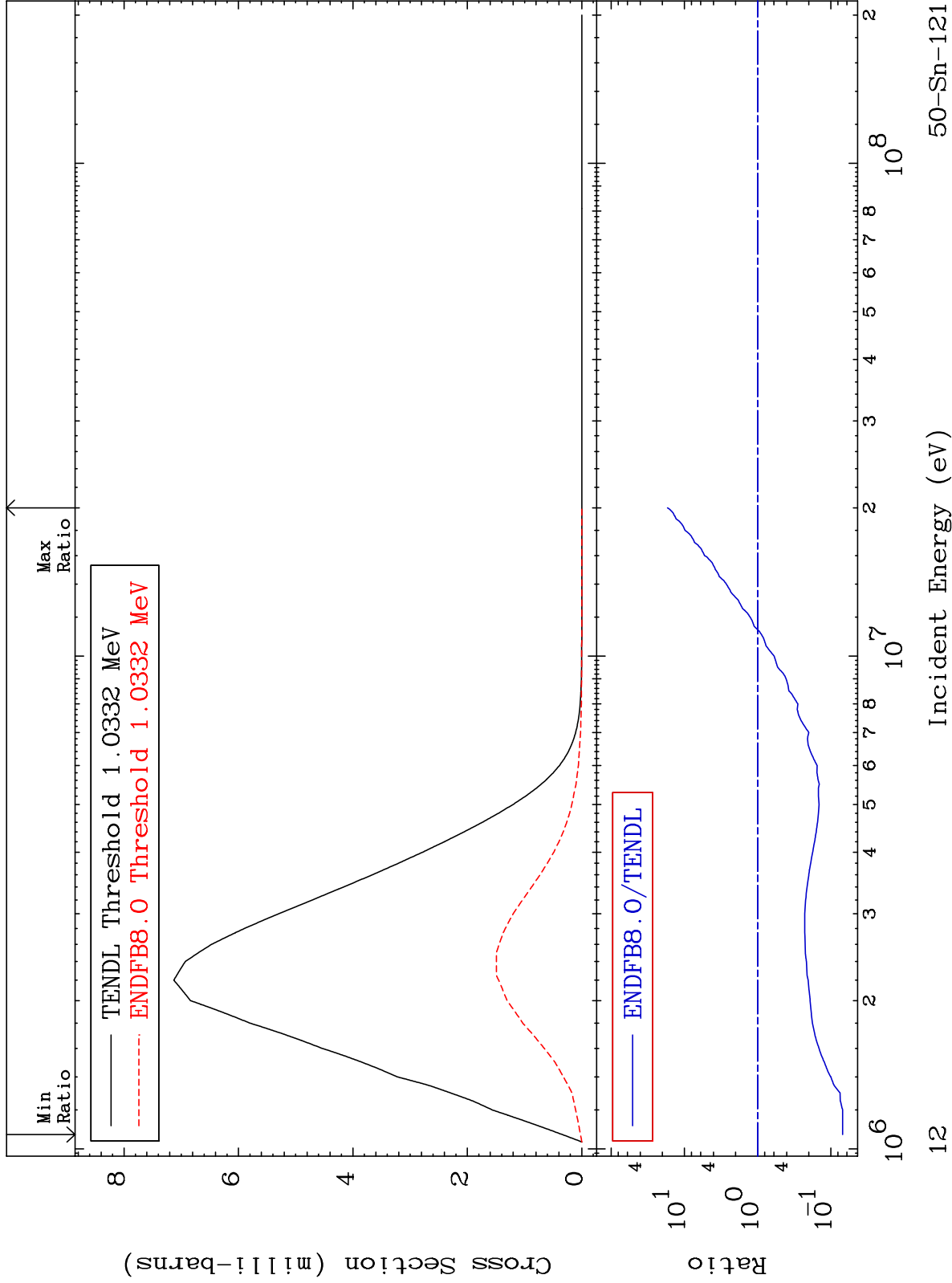
50-Sn-121
-62.74 To 3161. %



MAT 5053

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

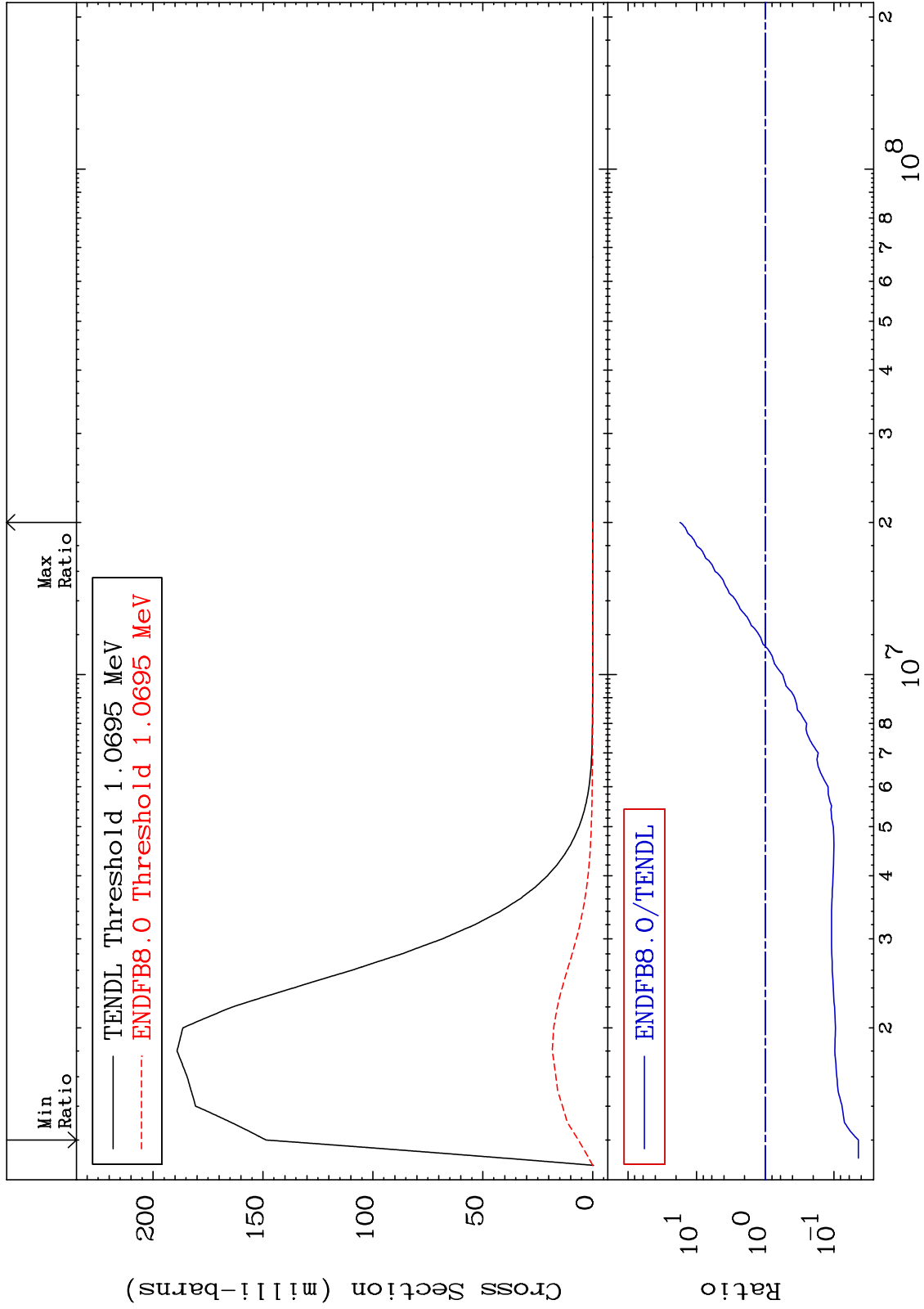
50-Sn-121
-93.13 To 1596. %



MAT 5053

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

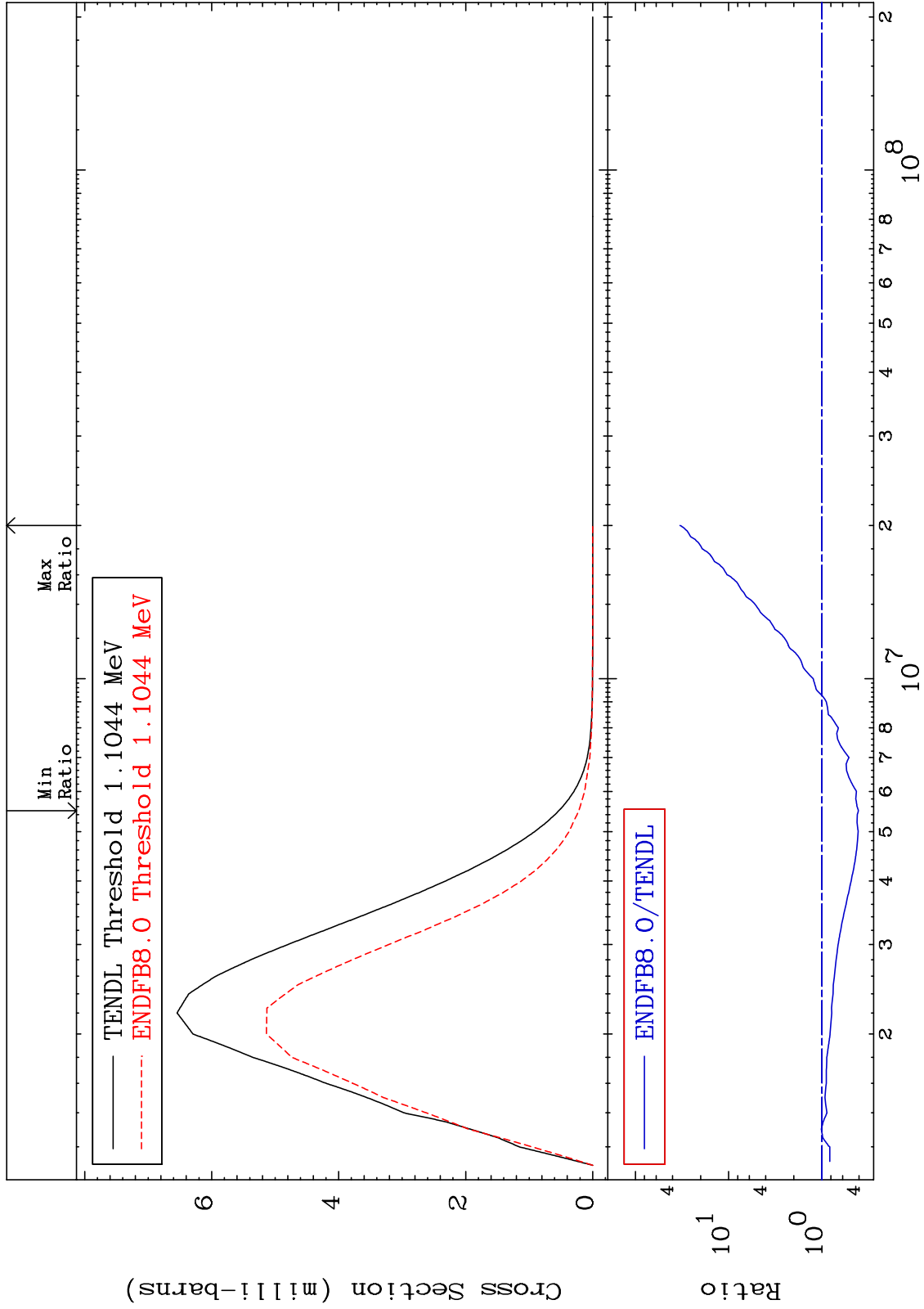
50-Sn-121
-95.60 To 1645. %



MAT 5053

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

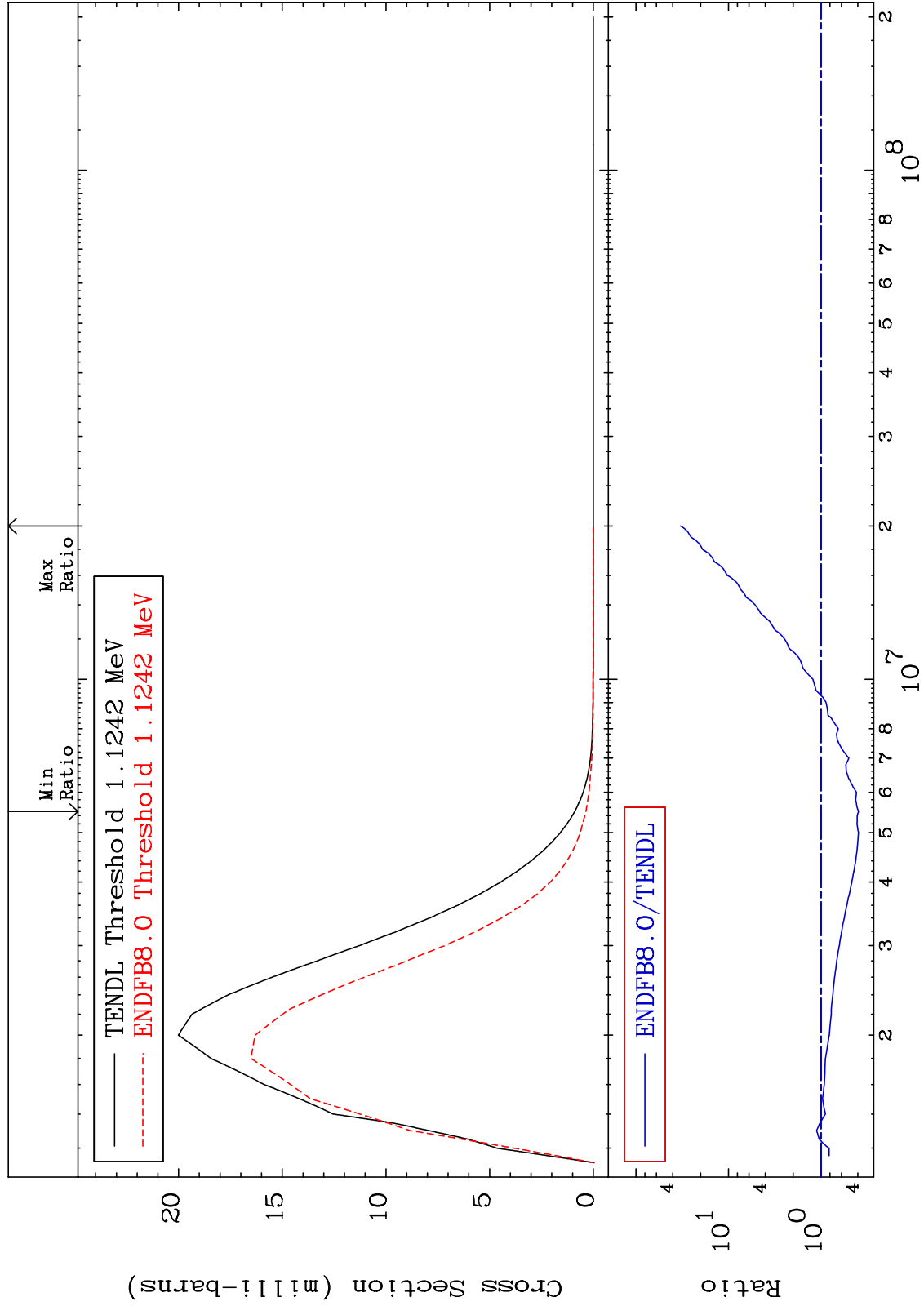
50-Sn-121
-59.42 To 3225. %



MAT 5053

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

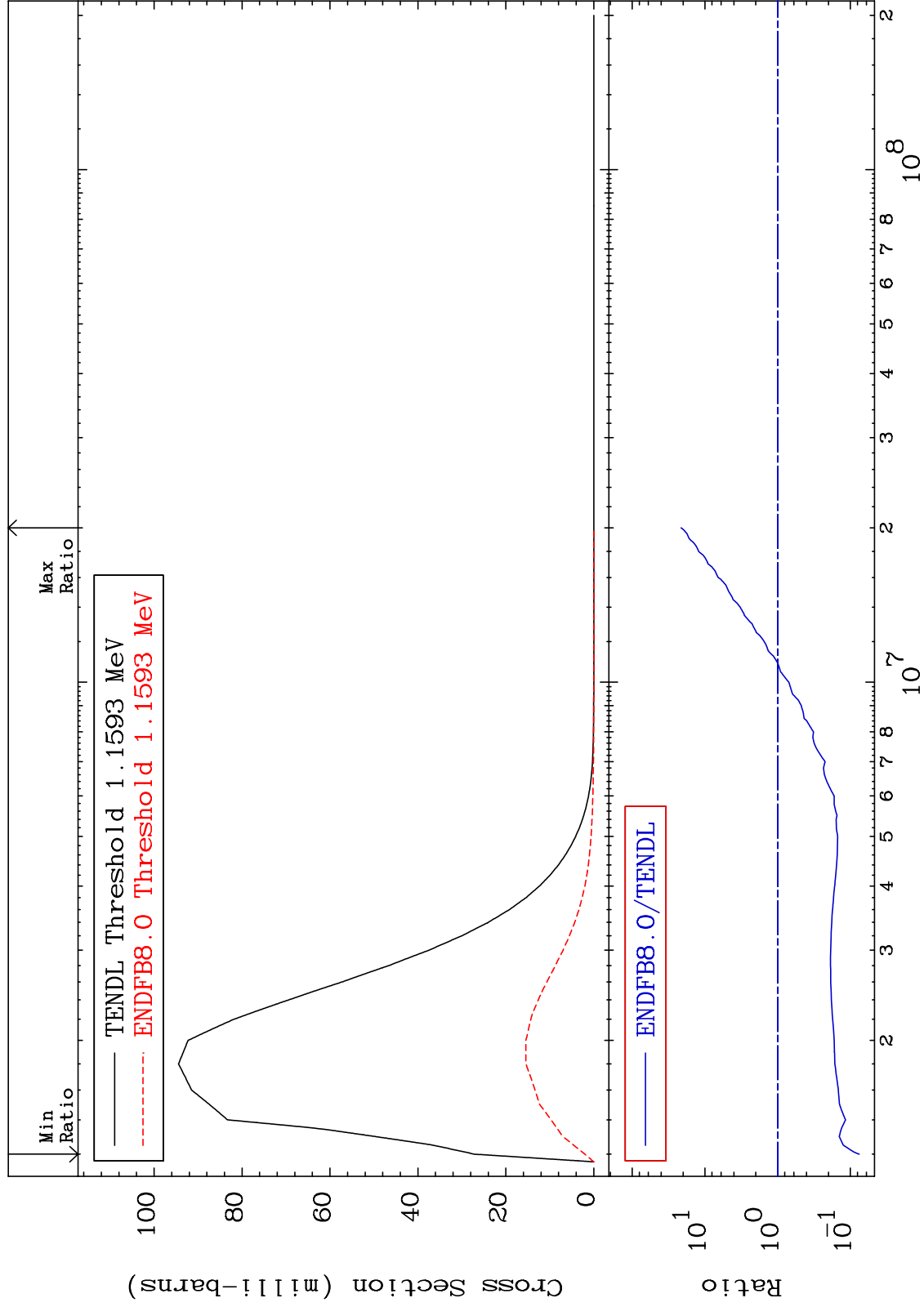
50-Sn-121
-60.67 To 3199. %



MAT 5053

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

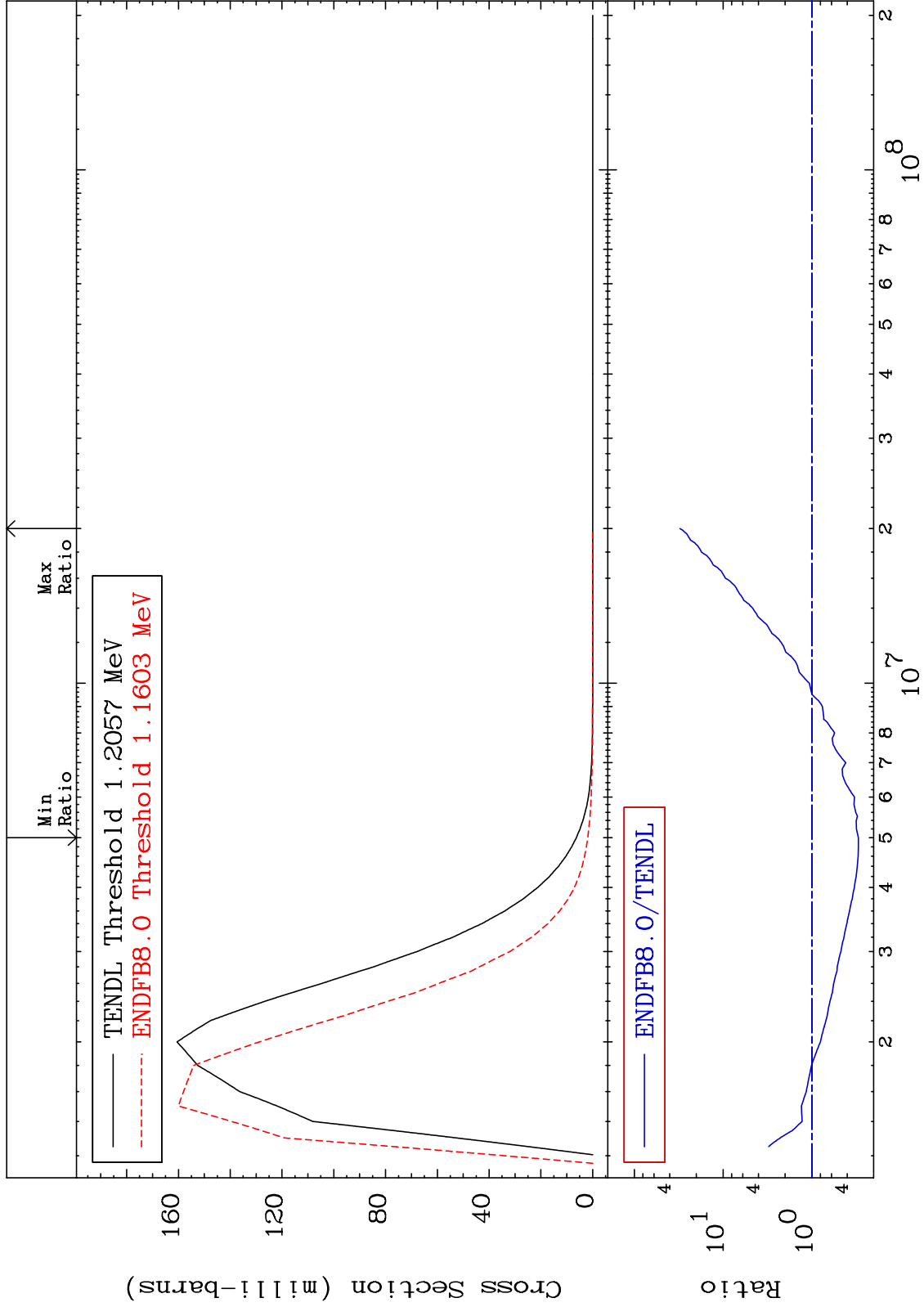
50-Sn-121
-92.46 To 2032. %



MAT 5053

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

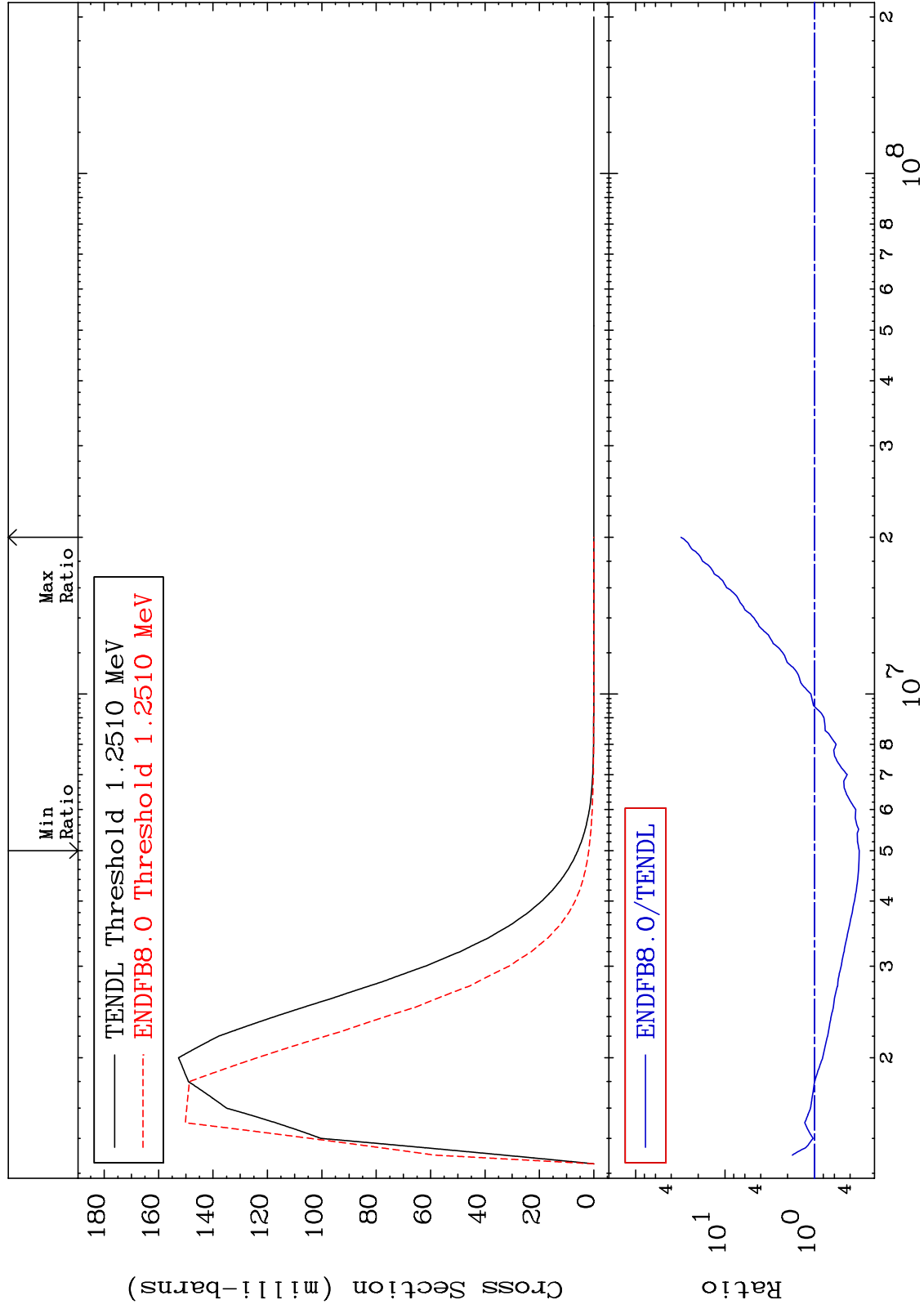
50-Sn-121
-70.06 To 2956. %



MAT 5053

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

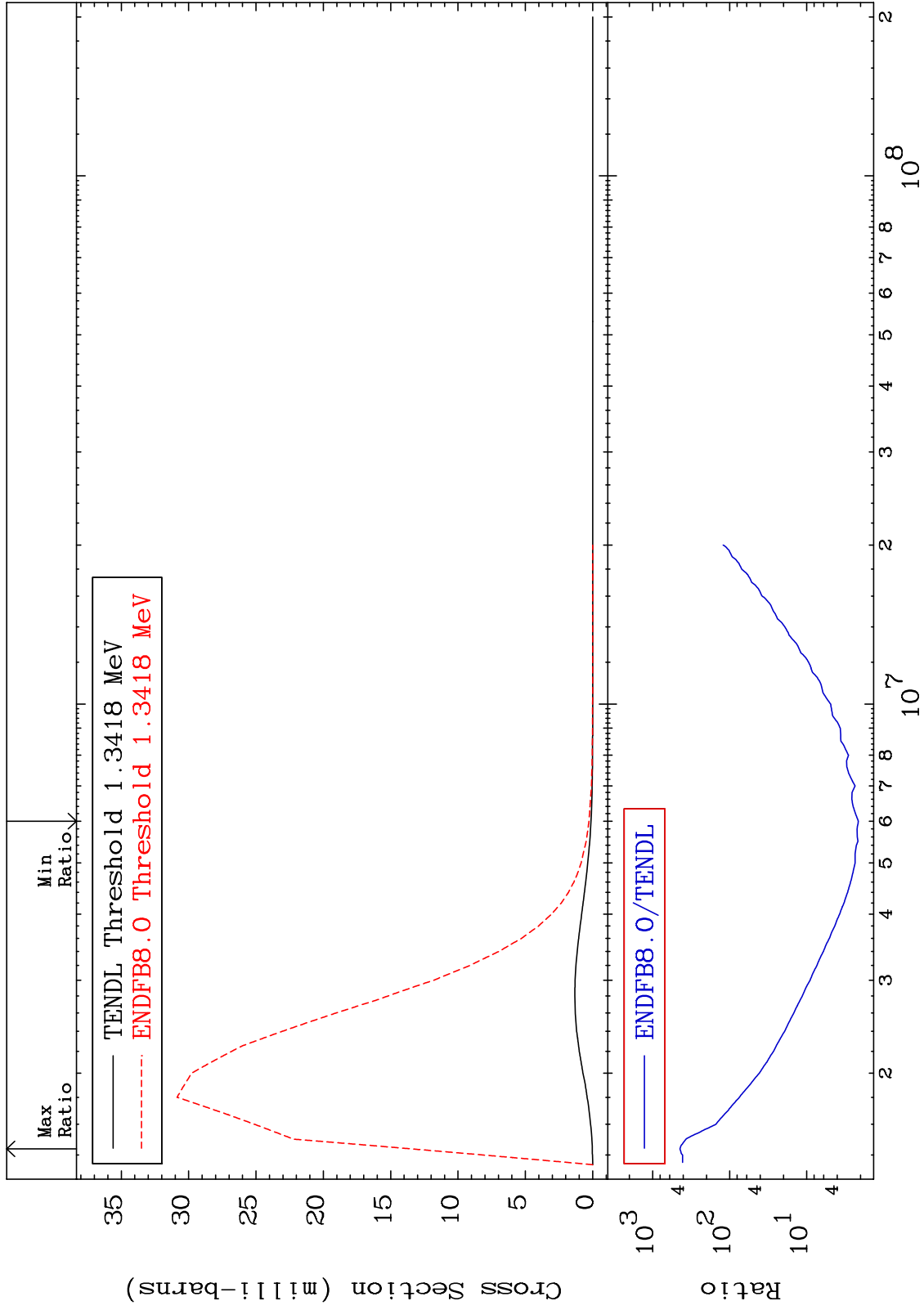
50-Sn-121
-68.40 To 3008. %



MAT 5053

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

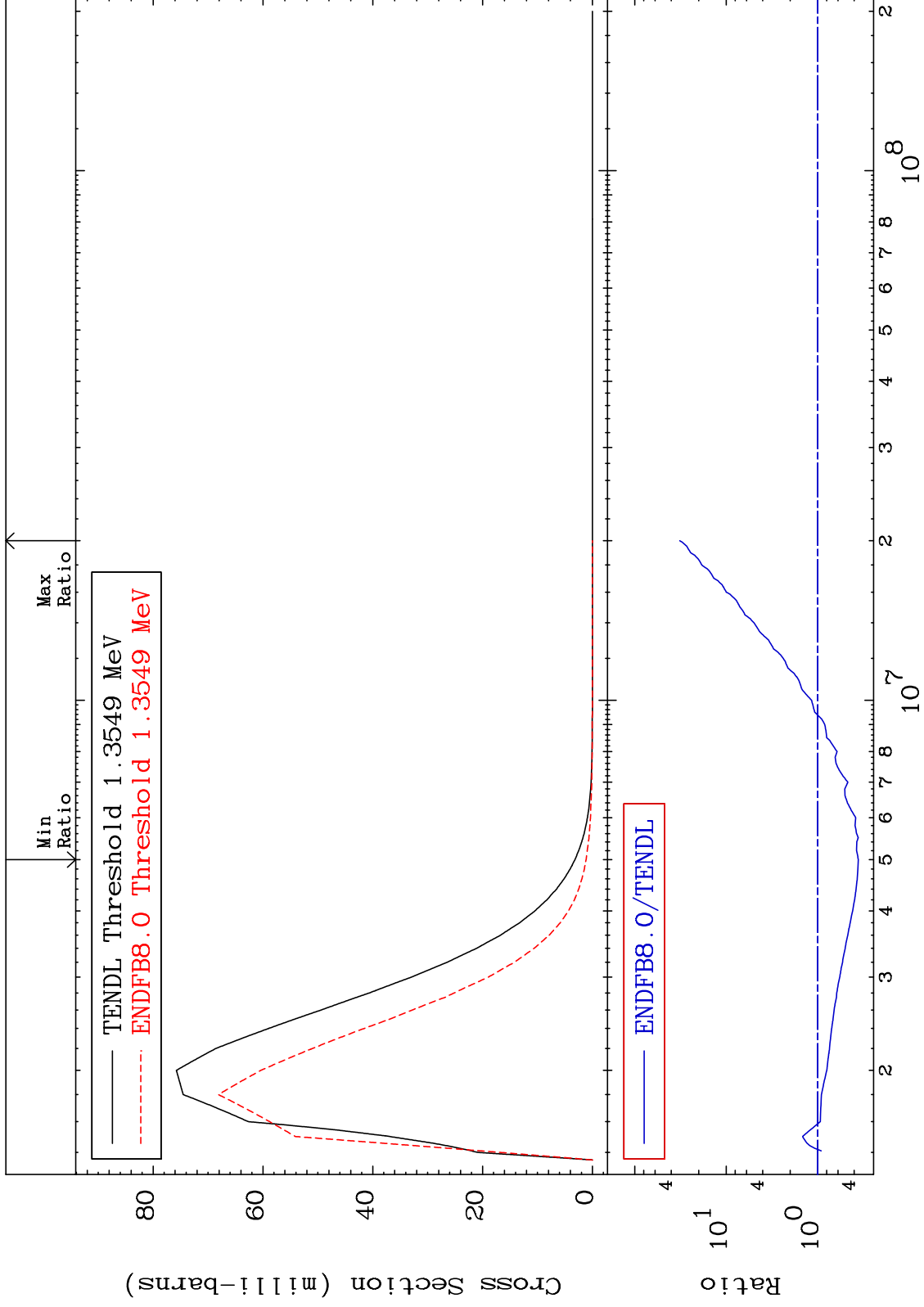
50-Sn-121
112.9 To 9999. %



MAT 5053

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

50-Sn-121
-63.99 To 3120. %



20

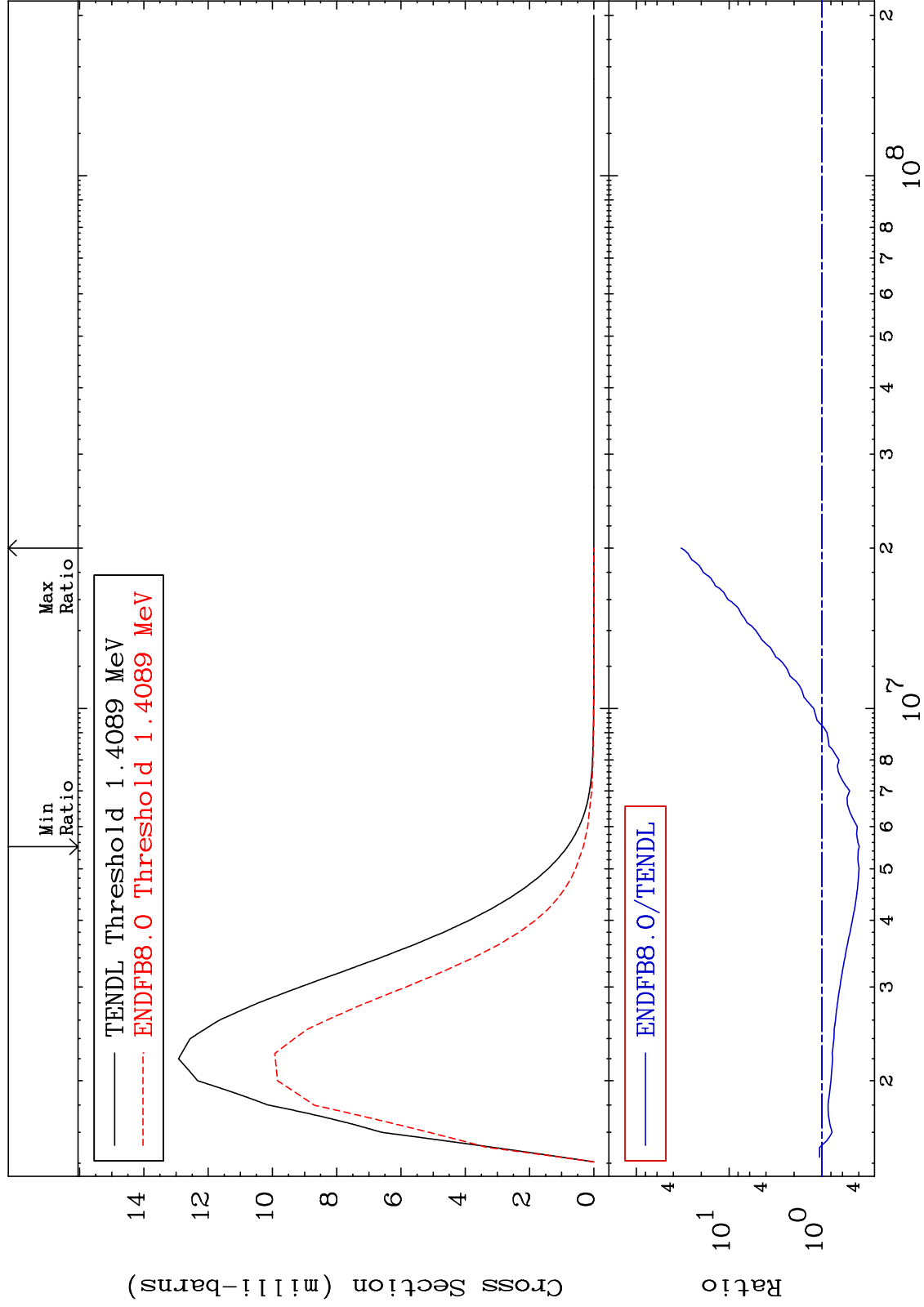
Incident Energy (eV)

50-Sn-121

MAT 5053

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

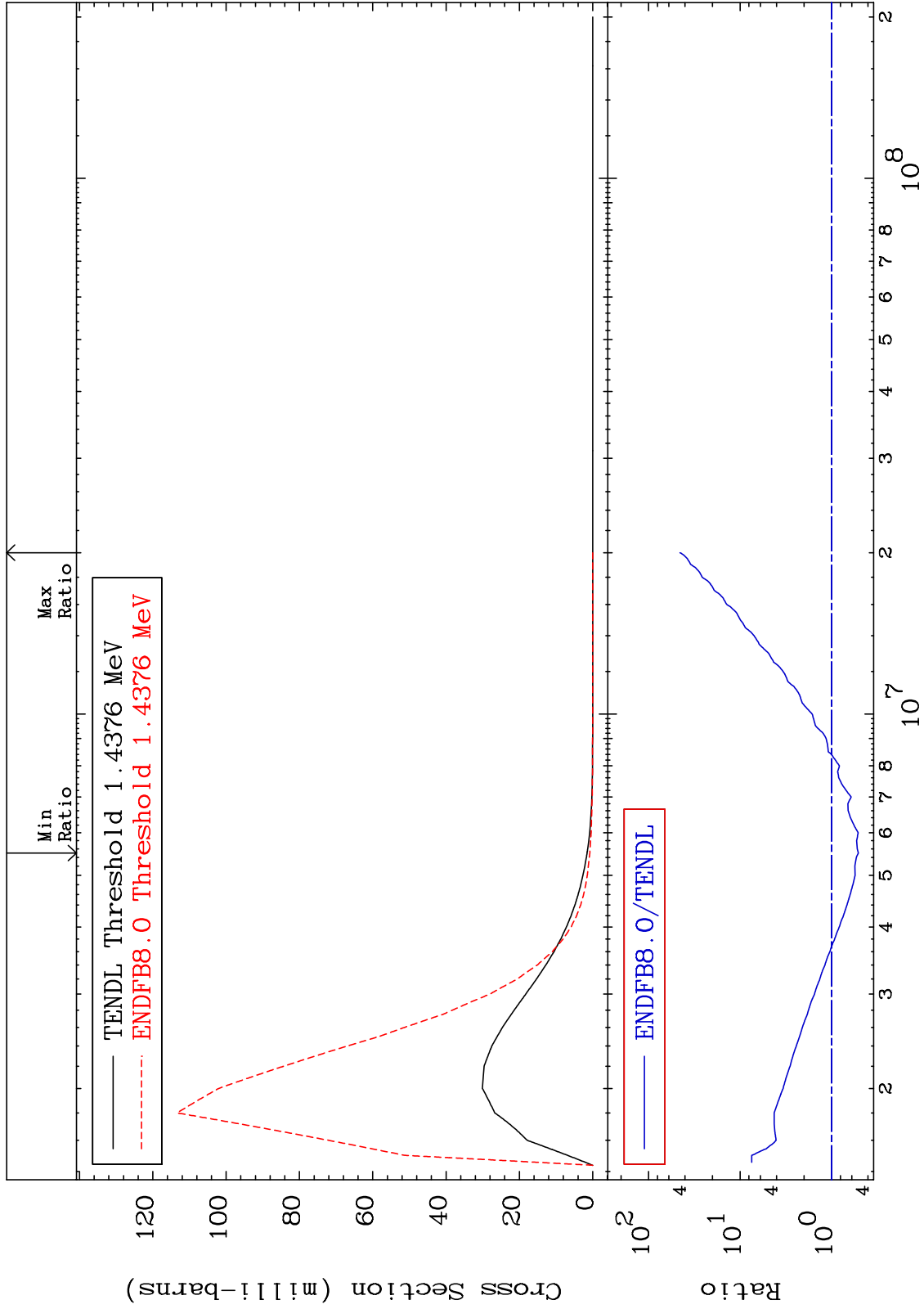
50-Sn-121
-60.48 To 3202. %



MAT 5053

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

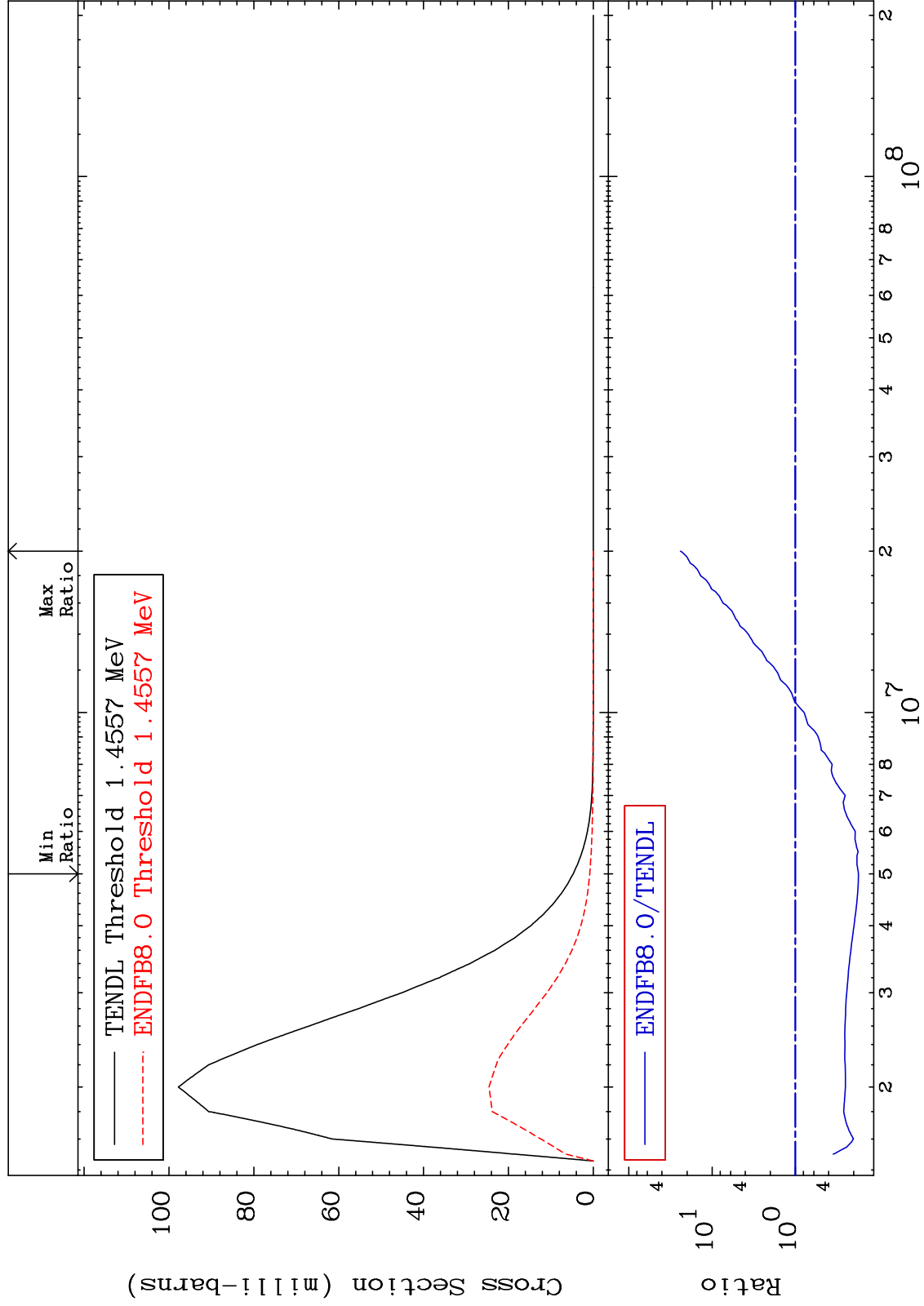
50-Sn-121
-49.09 To 4435. %



MAT 5053

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

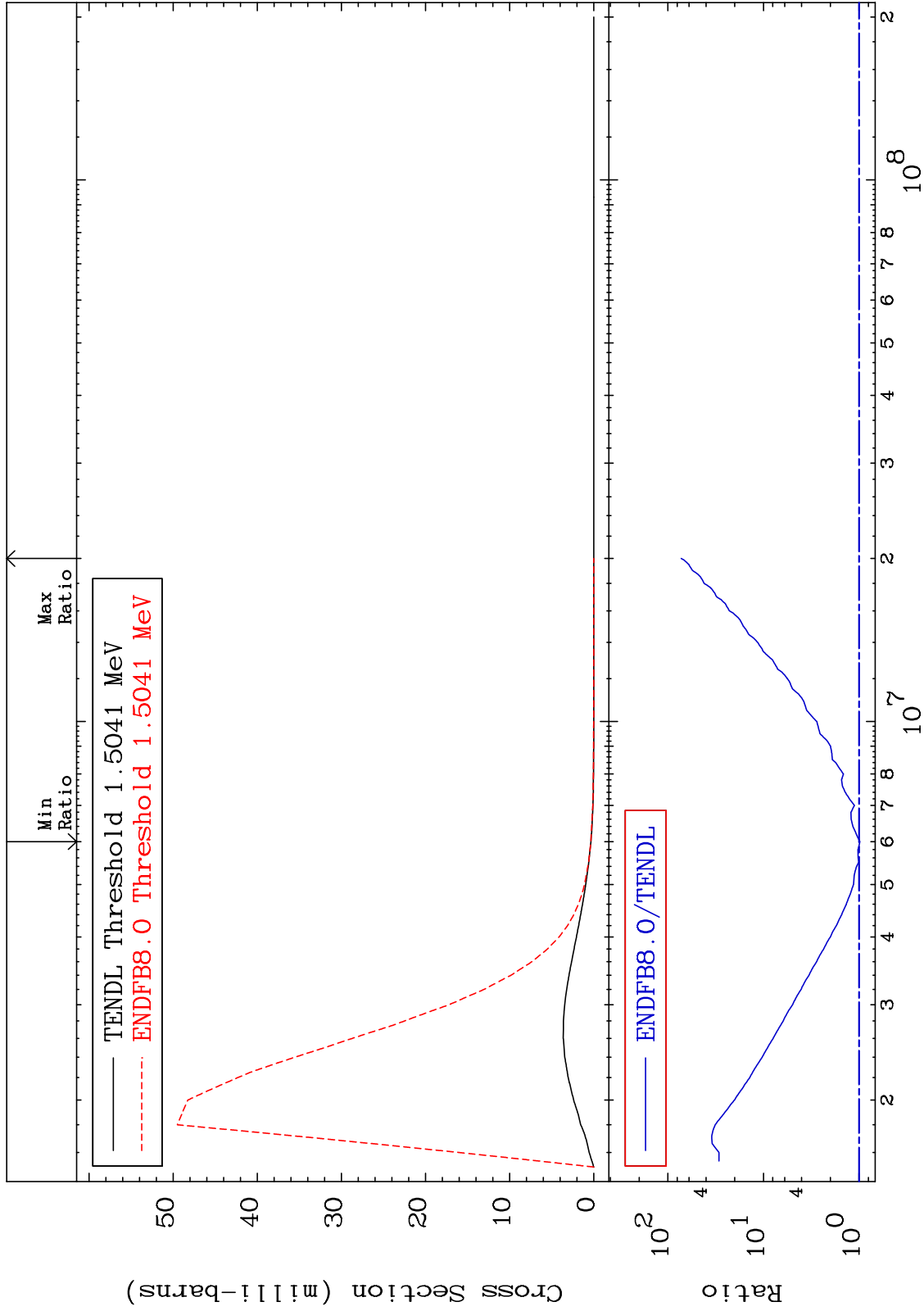
50-Sn-121
-82.53 To 2298. %



MAT 5053

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

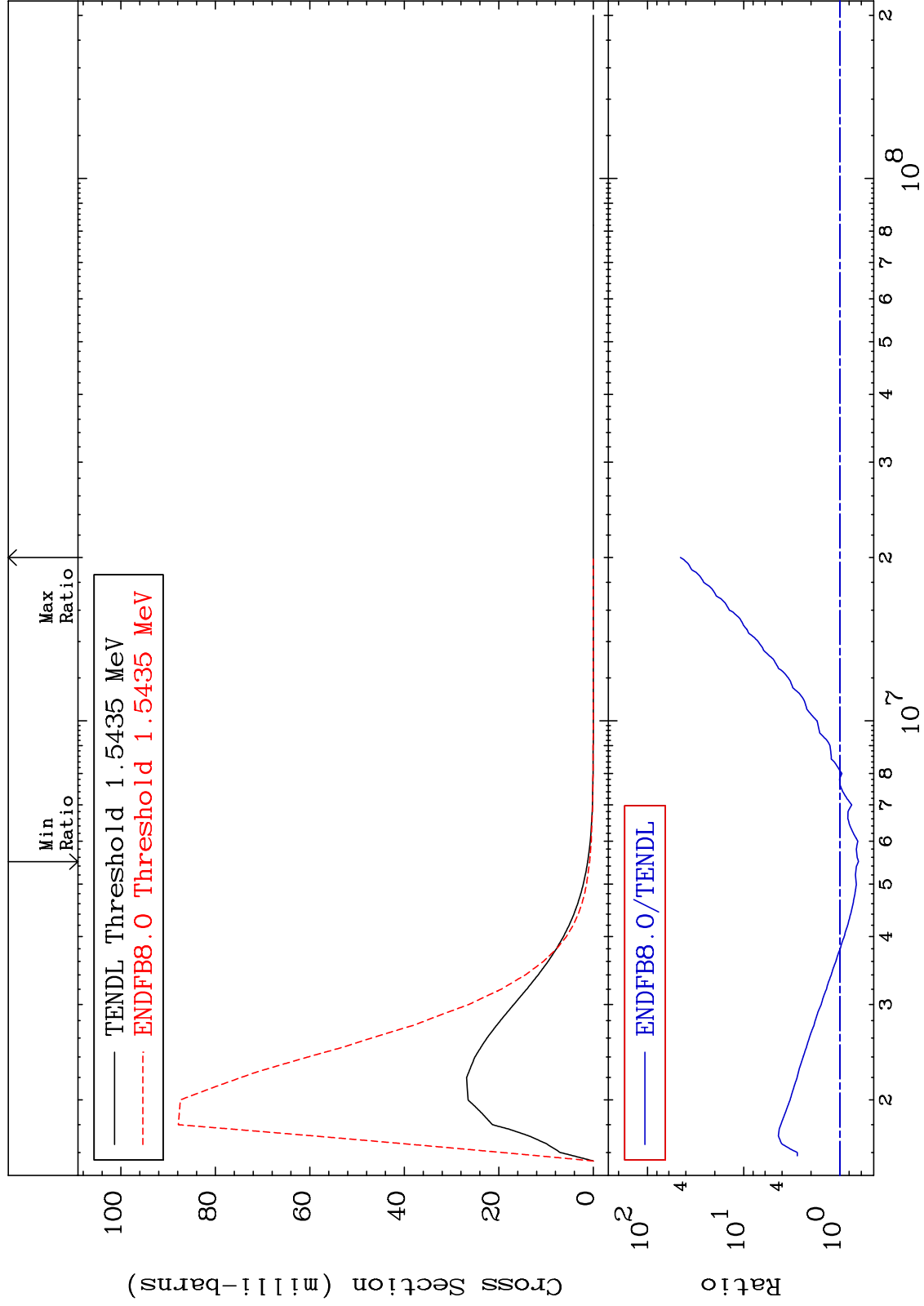
50-Sn-121
-2.035 To 7159. %



MAT 5053

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

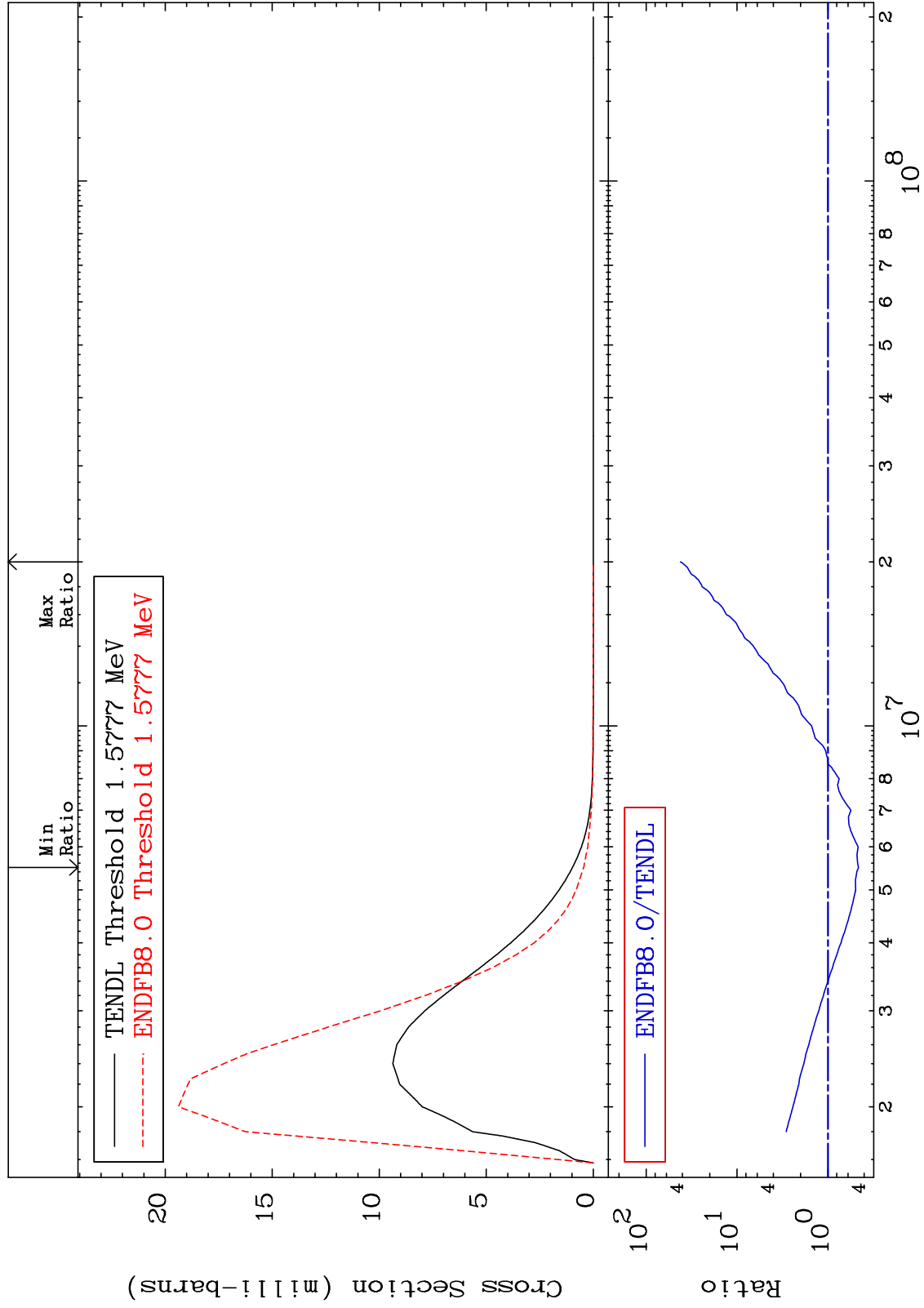
50-Sn-121
-35.98 To 4452. %



MAT 5053

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

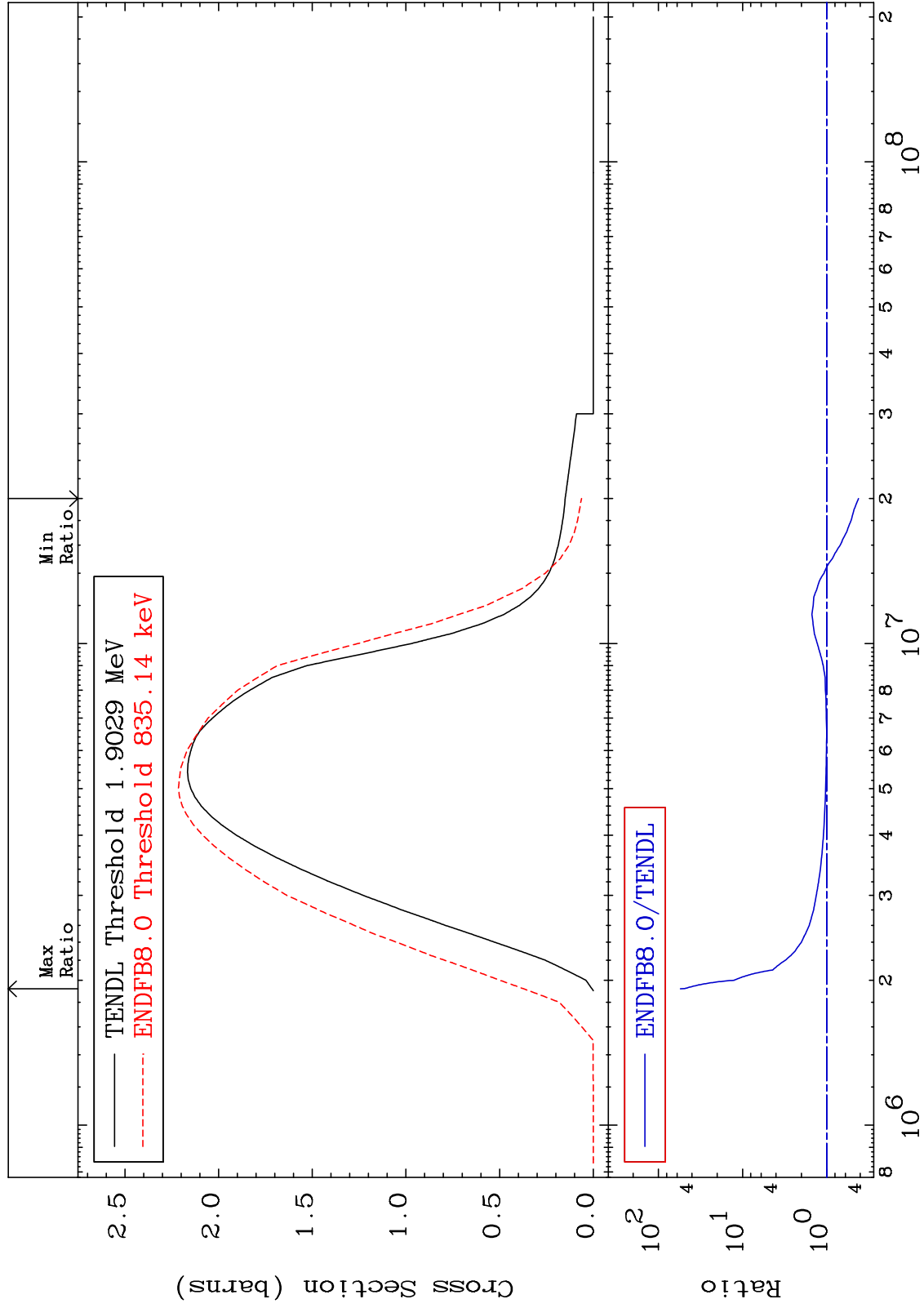
50-Sn-121
-53.93 To 4102. %



MAT 5053

(n, n') Continuum
Cross Section

50-Sn-121
-58.13 To 5371. %



27

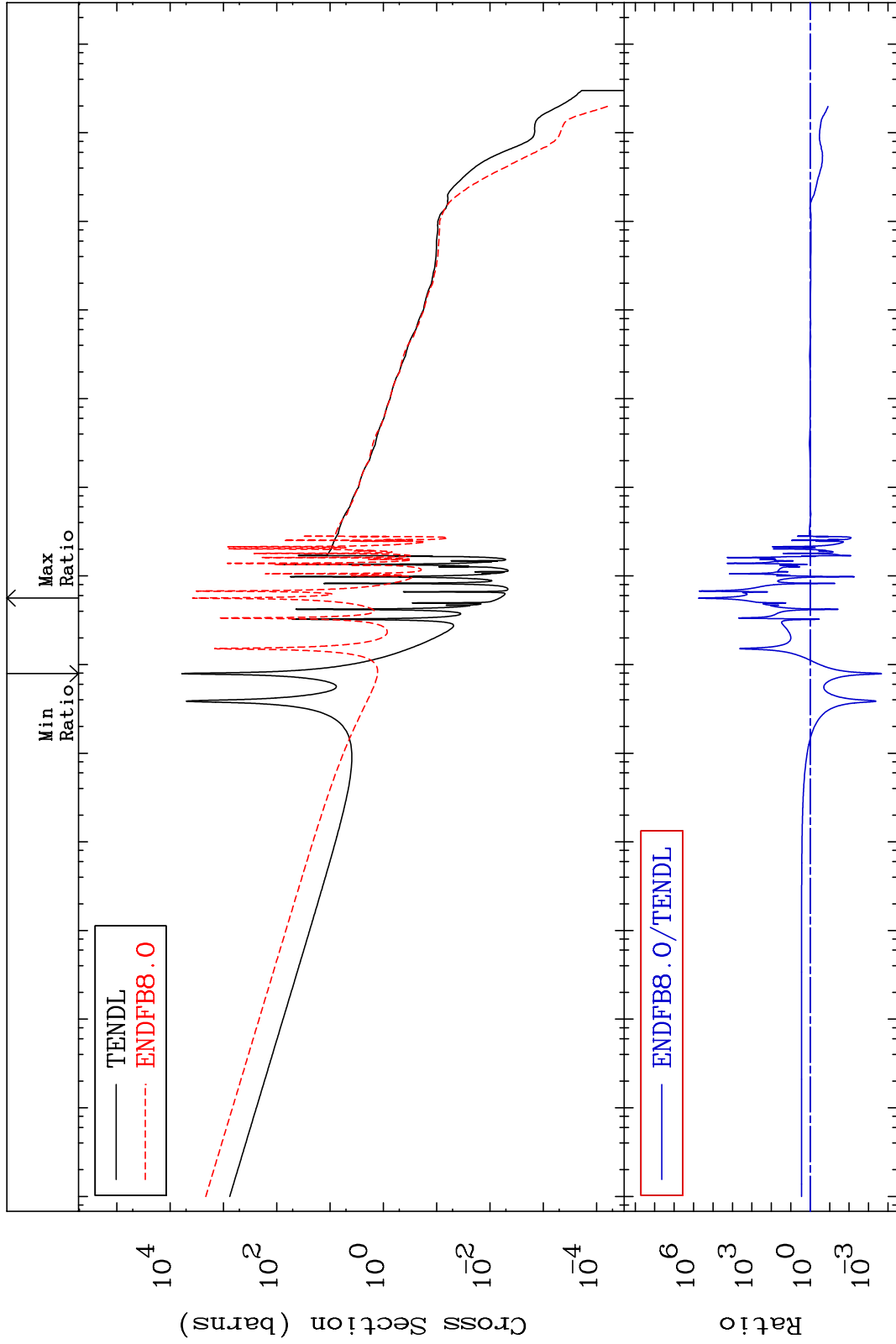
Incident Energy (eV)

50-Sn-121

MAT 5053

(n, γ)
Cross Section

50-Sn-121
-99.98 To 9999. %



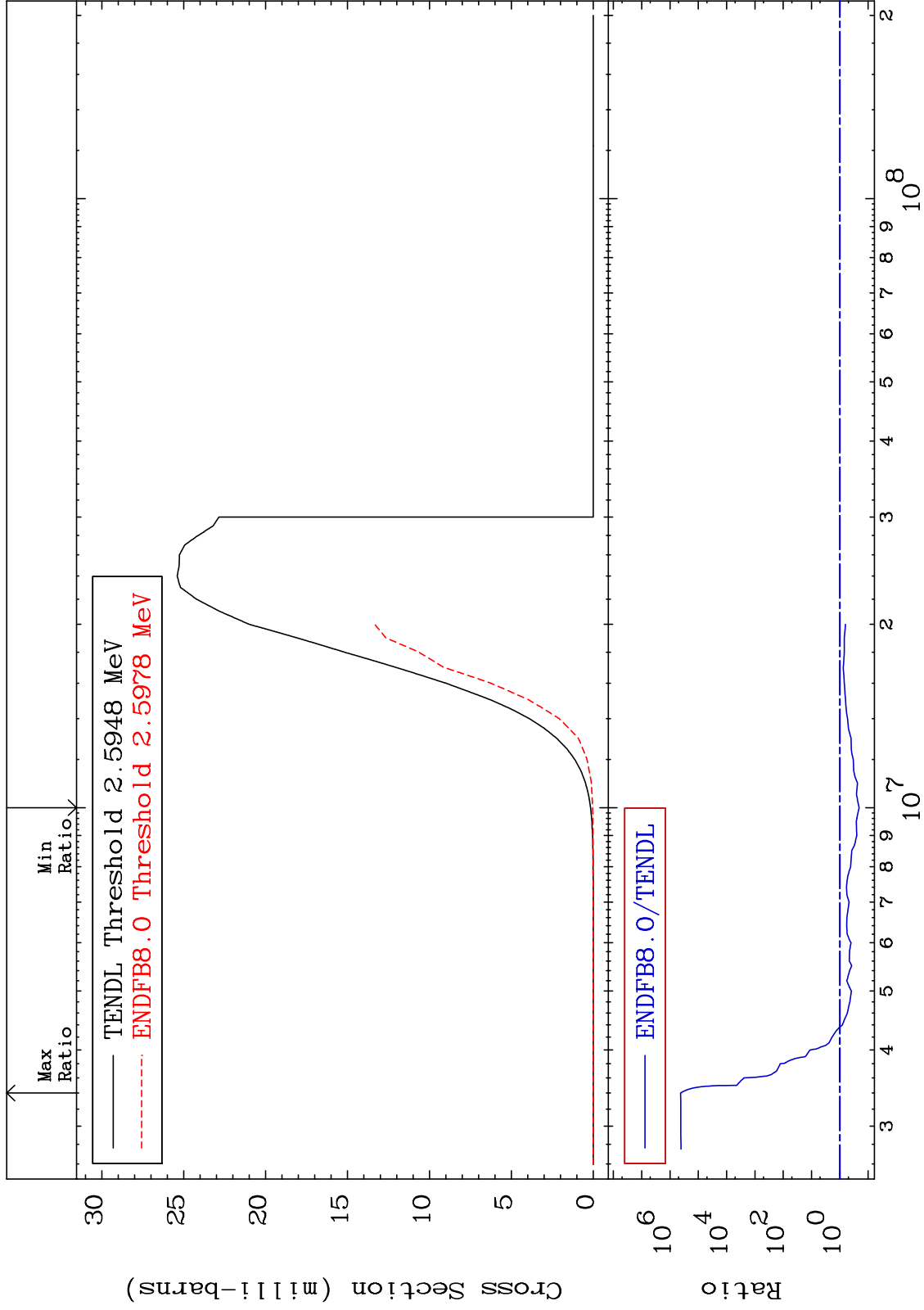
MAT 5053

(n,p)

50-Sn-121

Cross Section

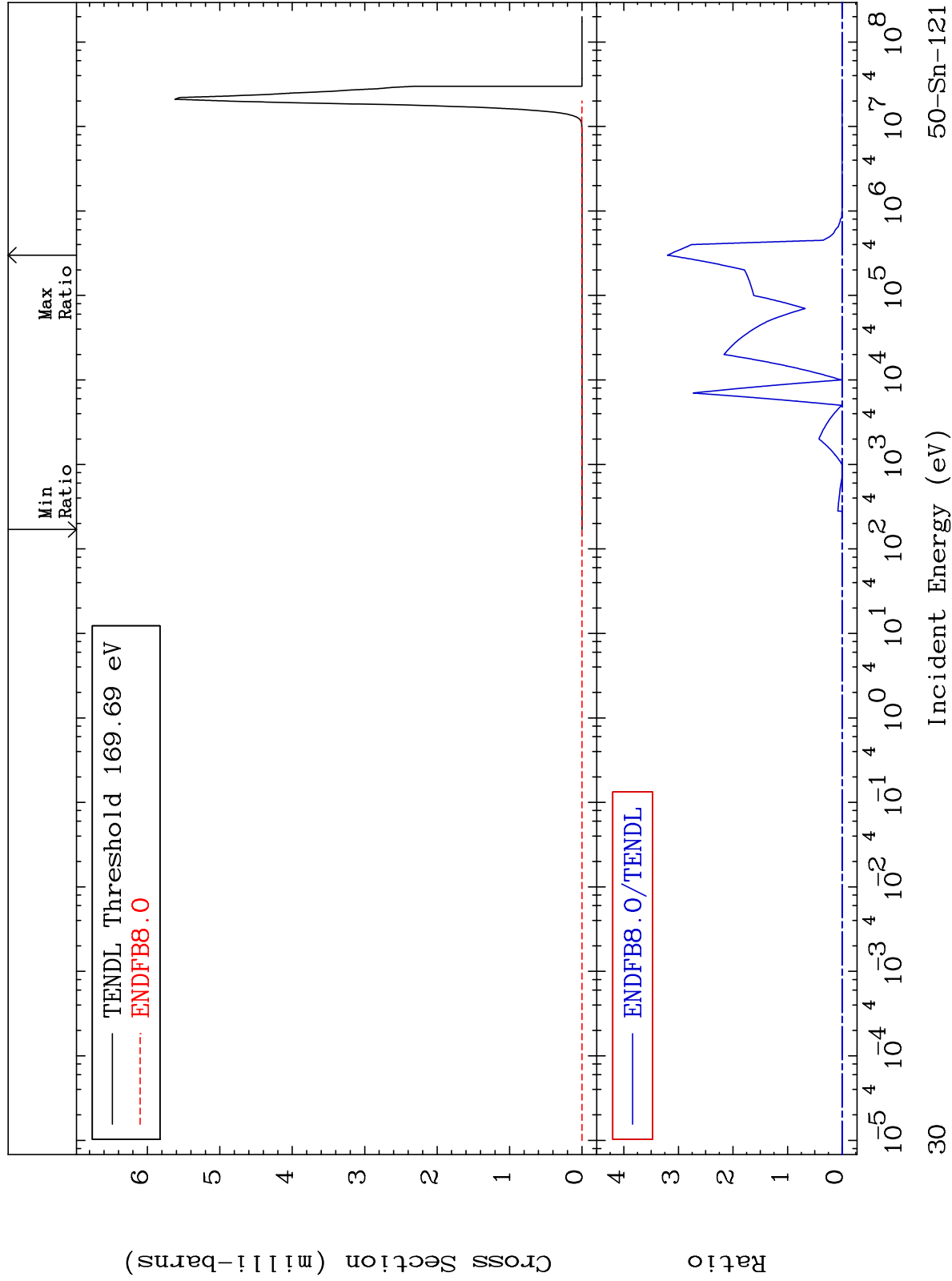
-79.20 To 9999. %



MAT 5053

(n, α)
Cross Section

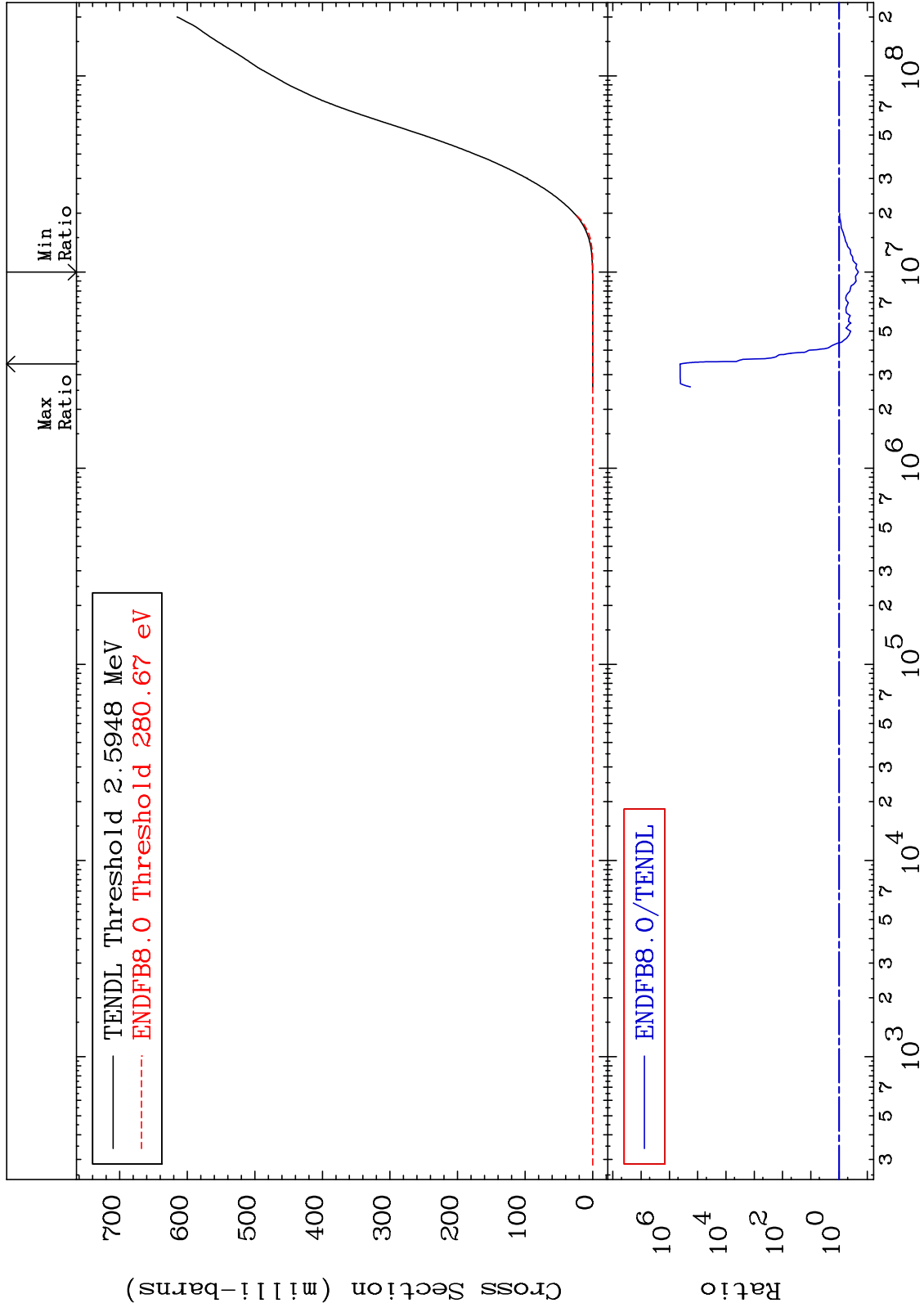
50-Sn-121
-100.0 To 9999. %



MAT 5053

Hydrogen Production
Cross Section

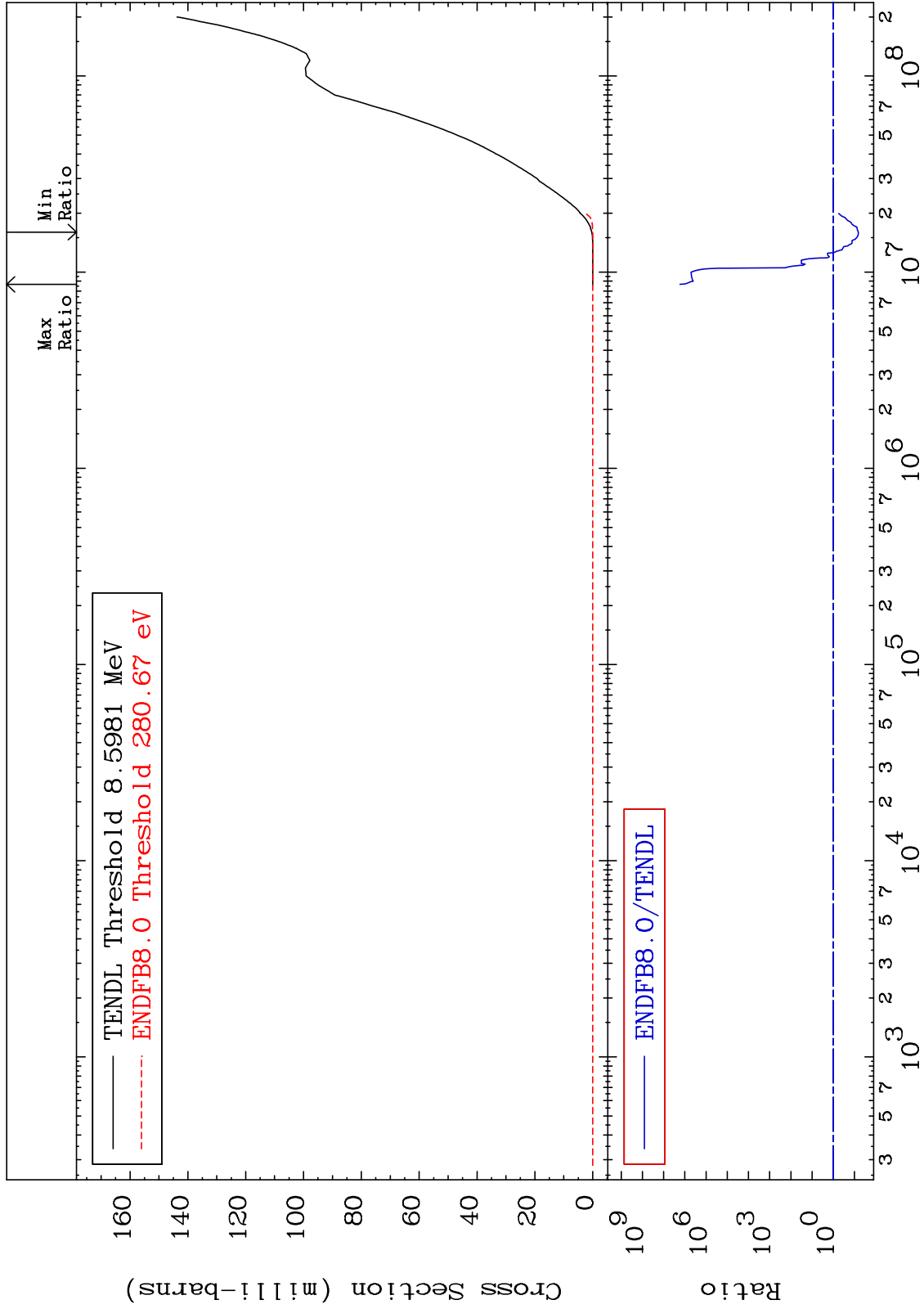
50-Sn-121
-79.20 To 9999. %



MAT 5053

Deuterium Production
Cross Section

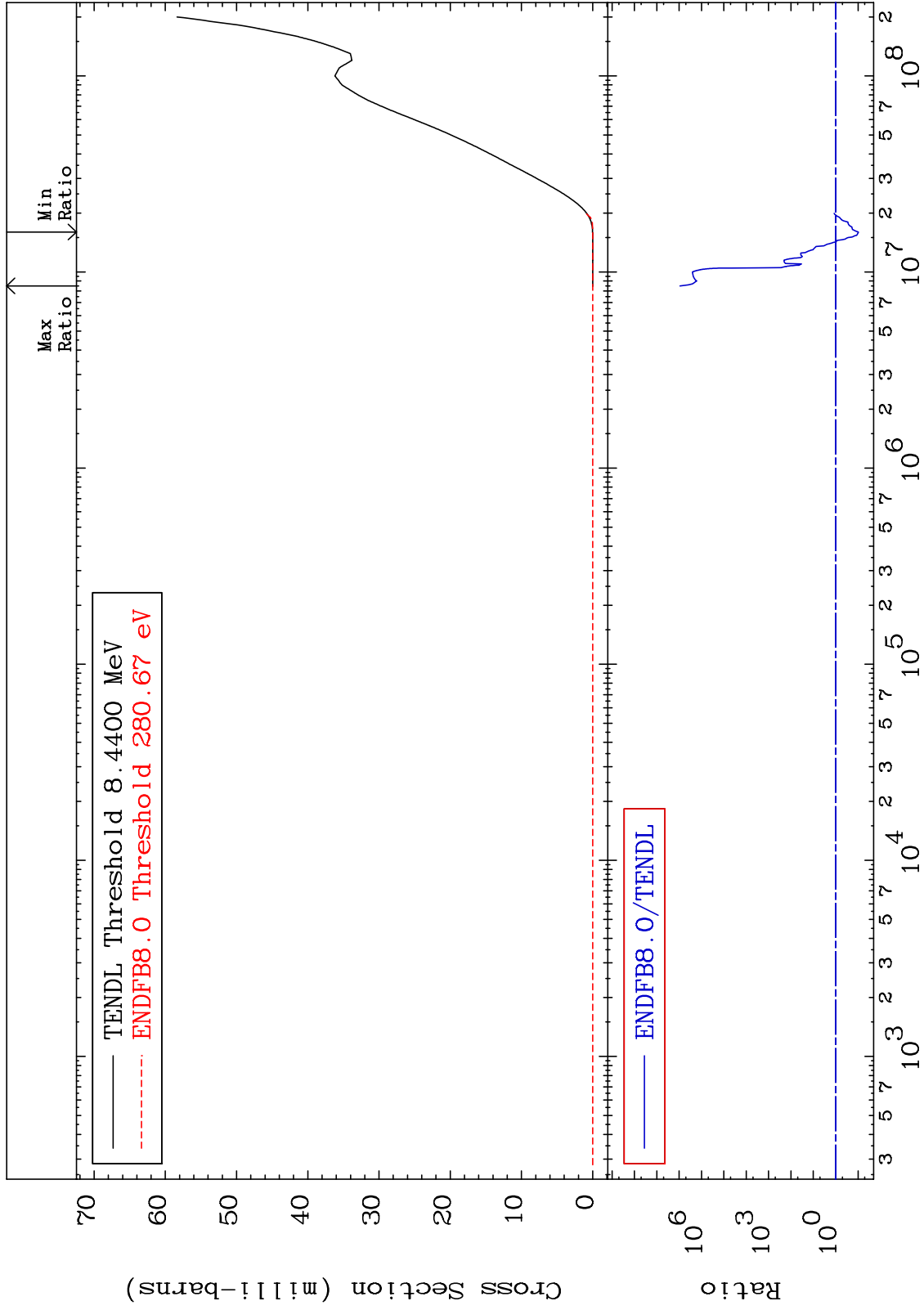
50-Sn-121
-93.43 To 9999. %



MAT 5053

Tritium Production
Cross Section

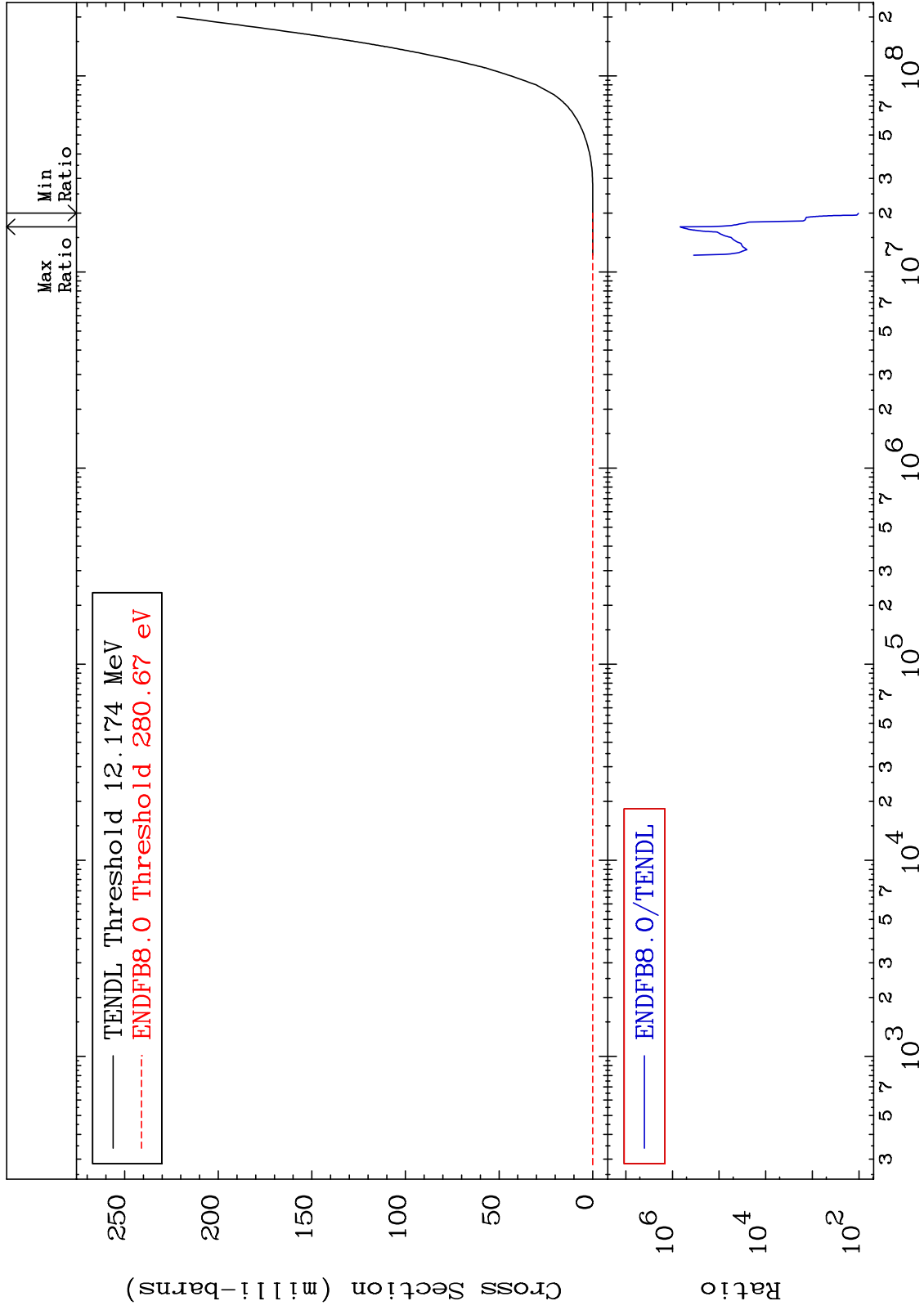
50-Sn-121
-90.37 To 9999. %



MAT 5053

He-3 Production
Cross Section

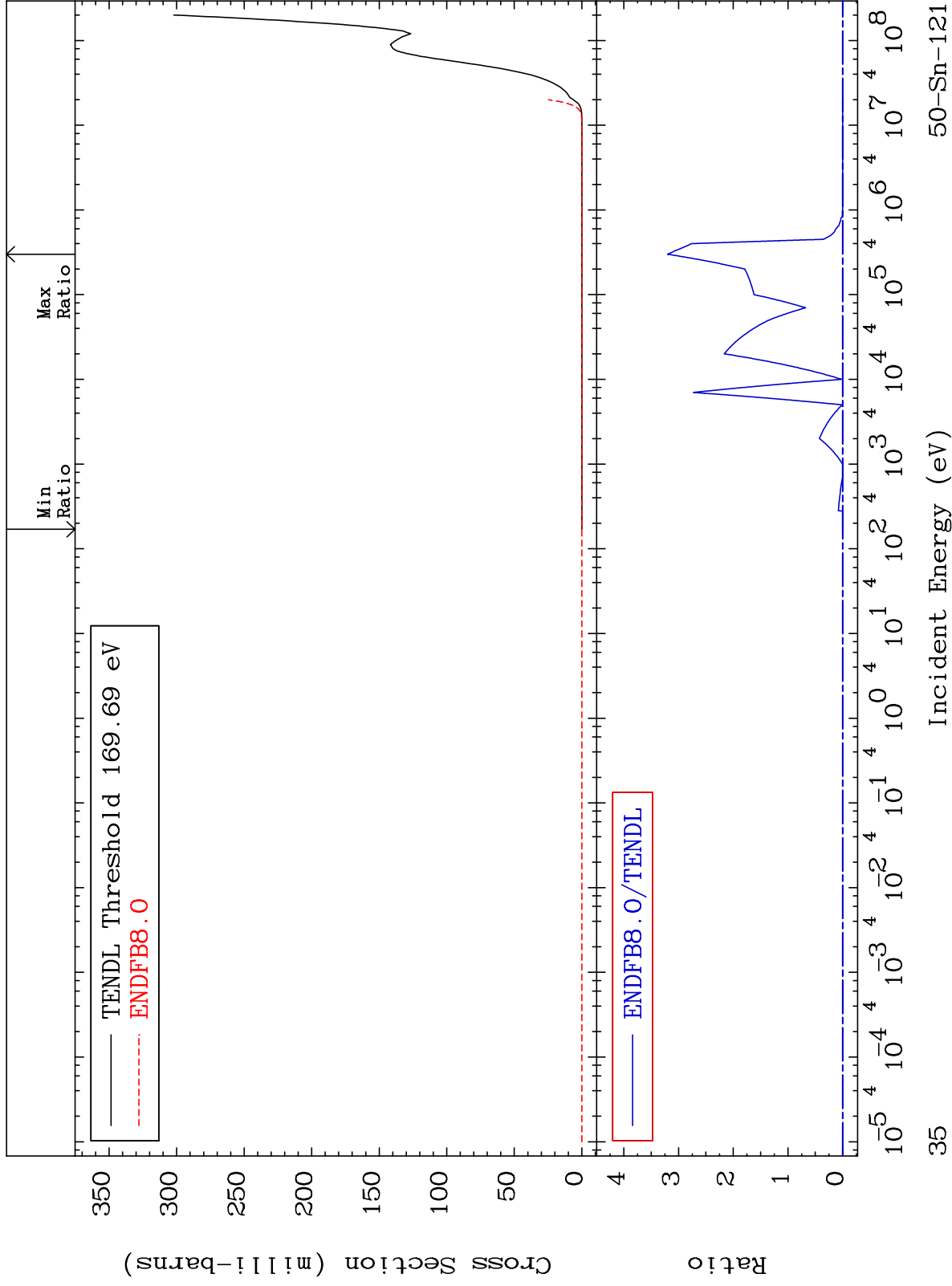
50-Sn-121
9999. To 9999. %



MAT 5053

He-4 Production
Cross Section

50-Sn-121
-100.0 To 9999. %



35

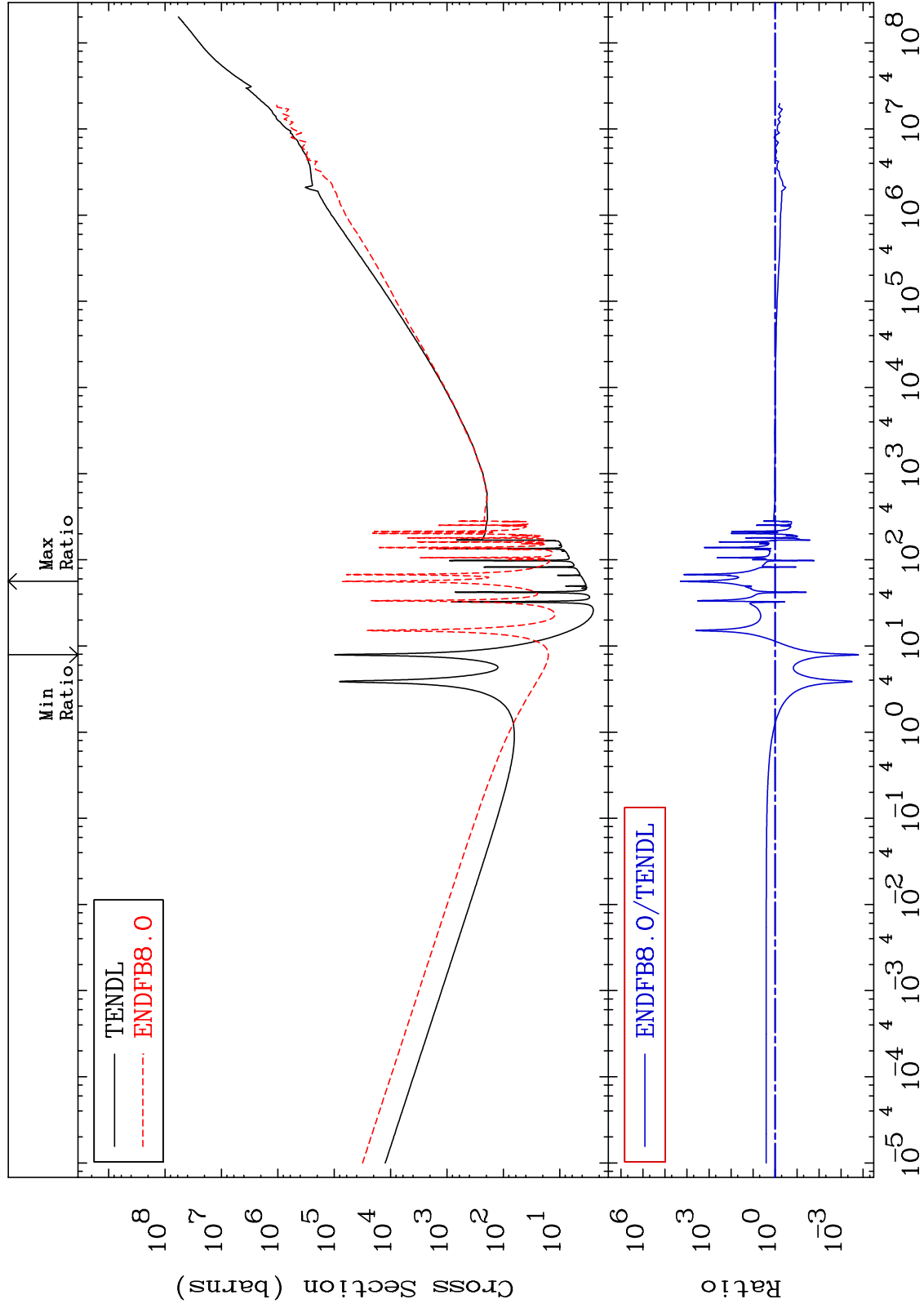
Incident Energy (eV)

50-Sn-121

MAT 5053

Kerma total (eV-barns)
Cross Section

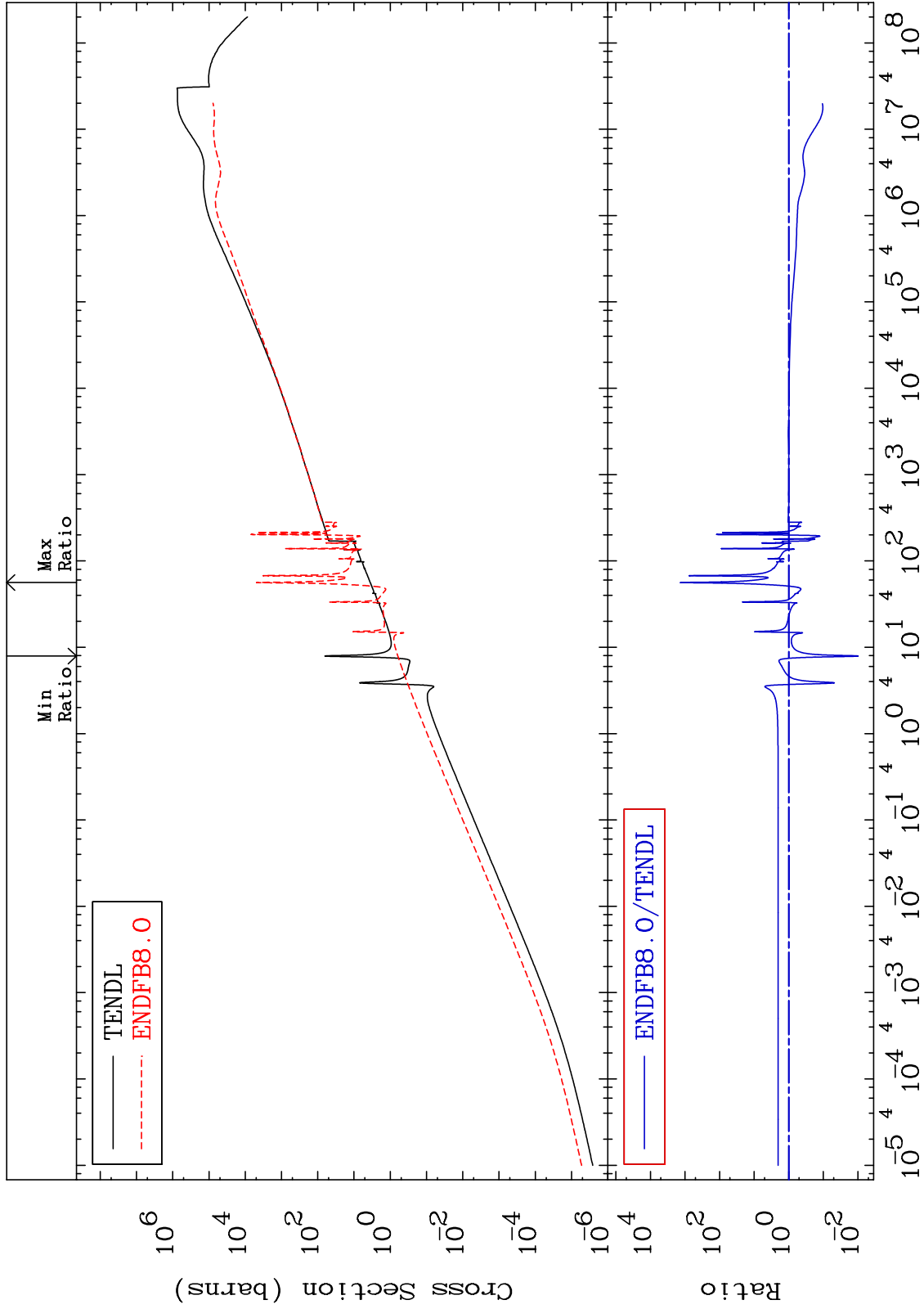
50-Sn-121
-99.98 To 9999. %



MAT 5053

Kerma elastic
Cross Section

50-Sn-121
-99.03 To 9999. %



37

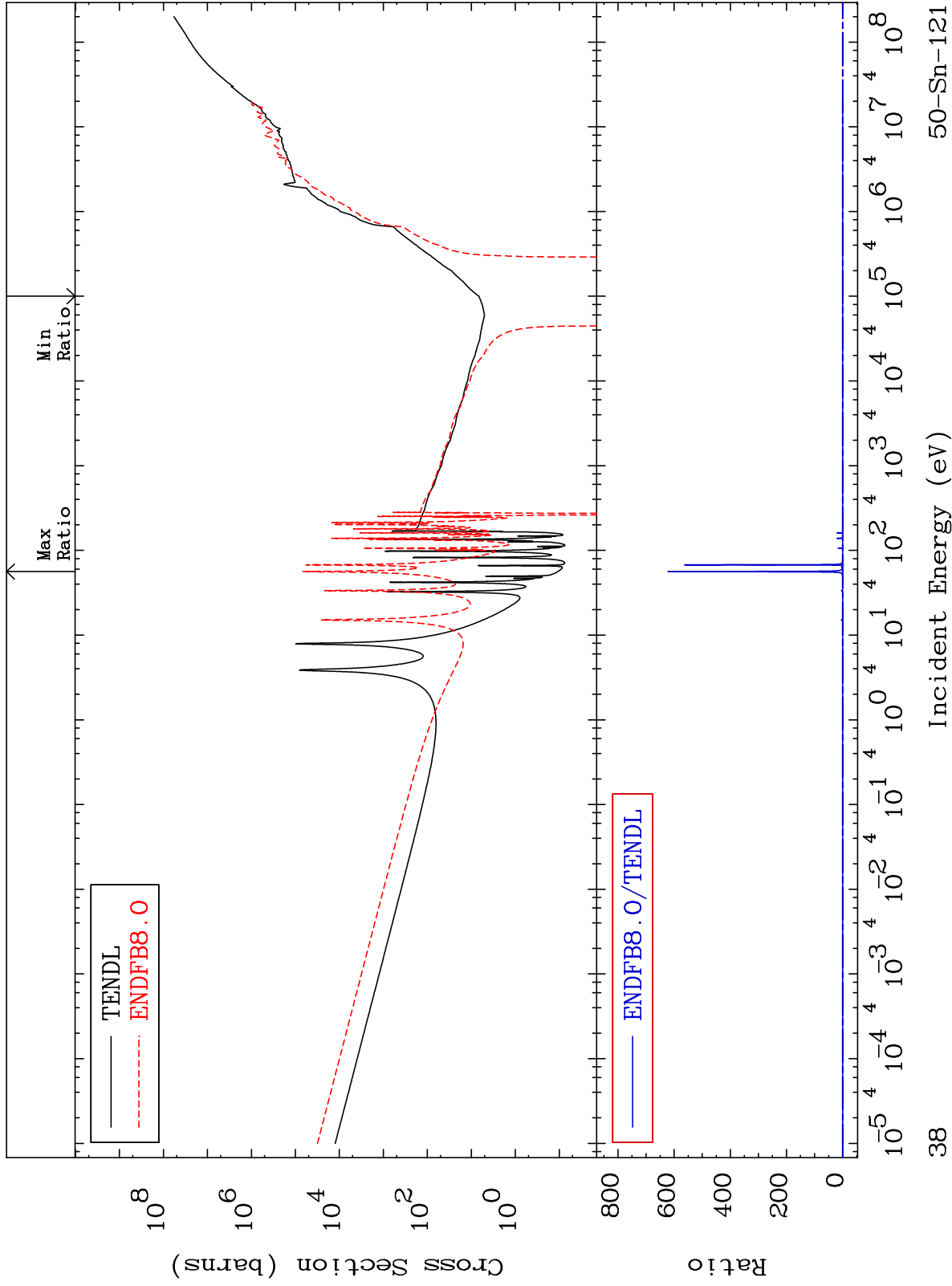
Incident Energy (eV)

50-Sn-121

MAT 5053

Kerma non-elastic (all but mt2)
Cross Section

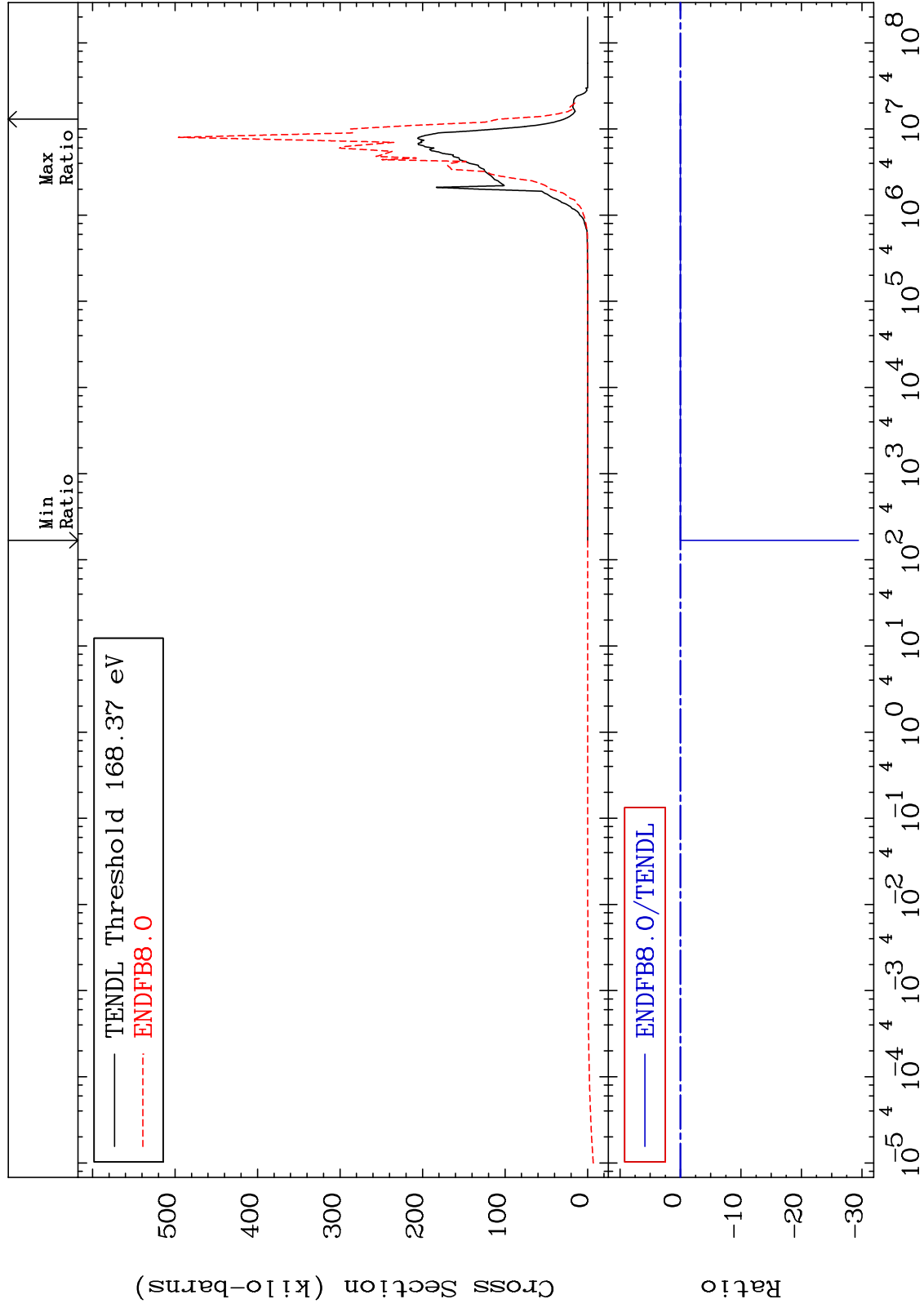
50-Sn-121
-253.8 To 9999. %



MAT 5053

Kerma inelastic (mt51-91)
Cross Section

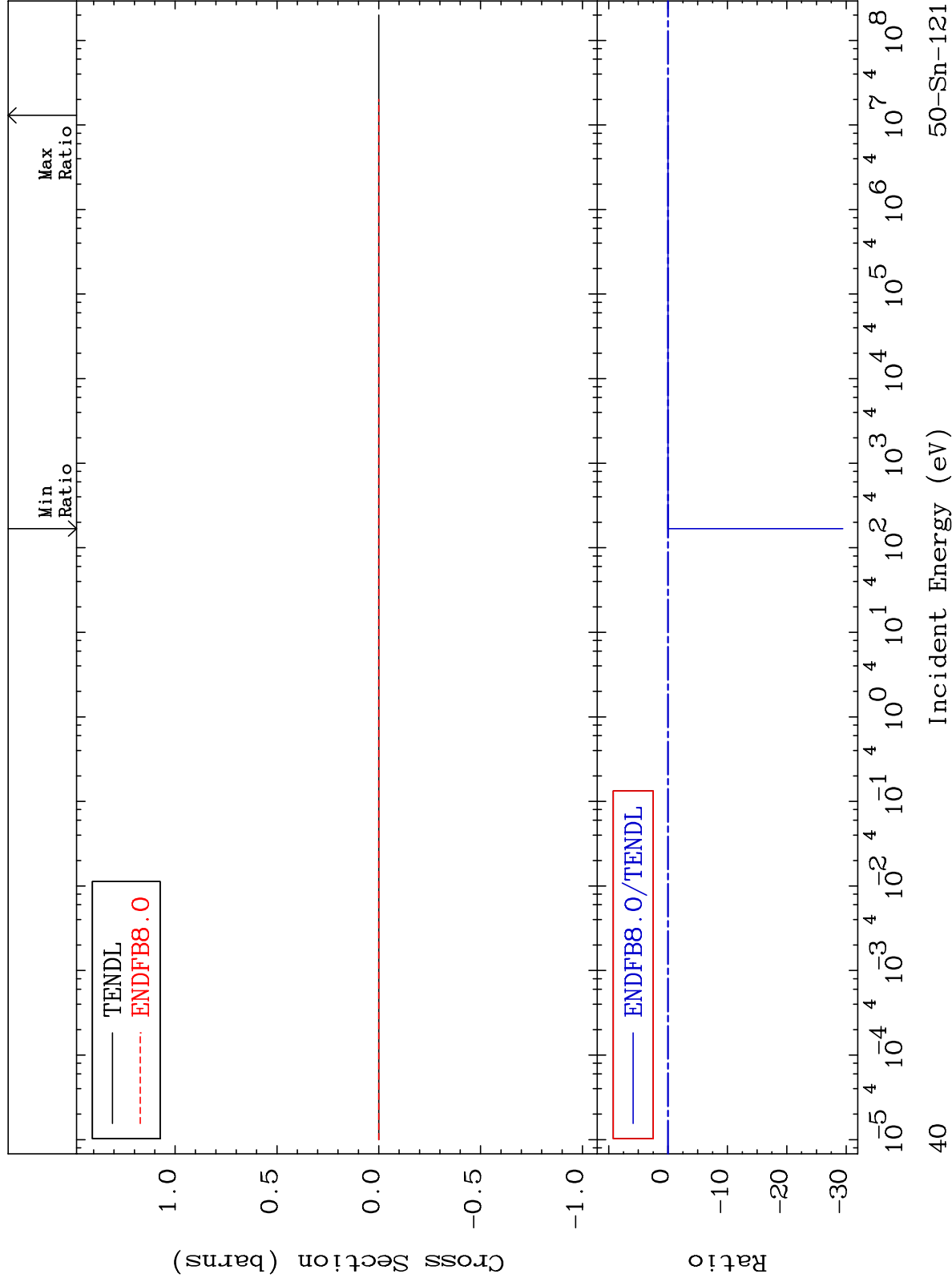
50-Sn-121
-9999. To 274.7 %



MAT 5053

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

50-Sn-121
-9999. To 274.7 %



40

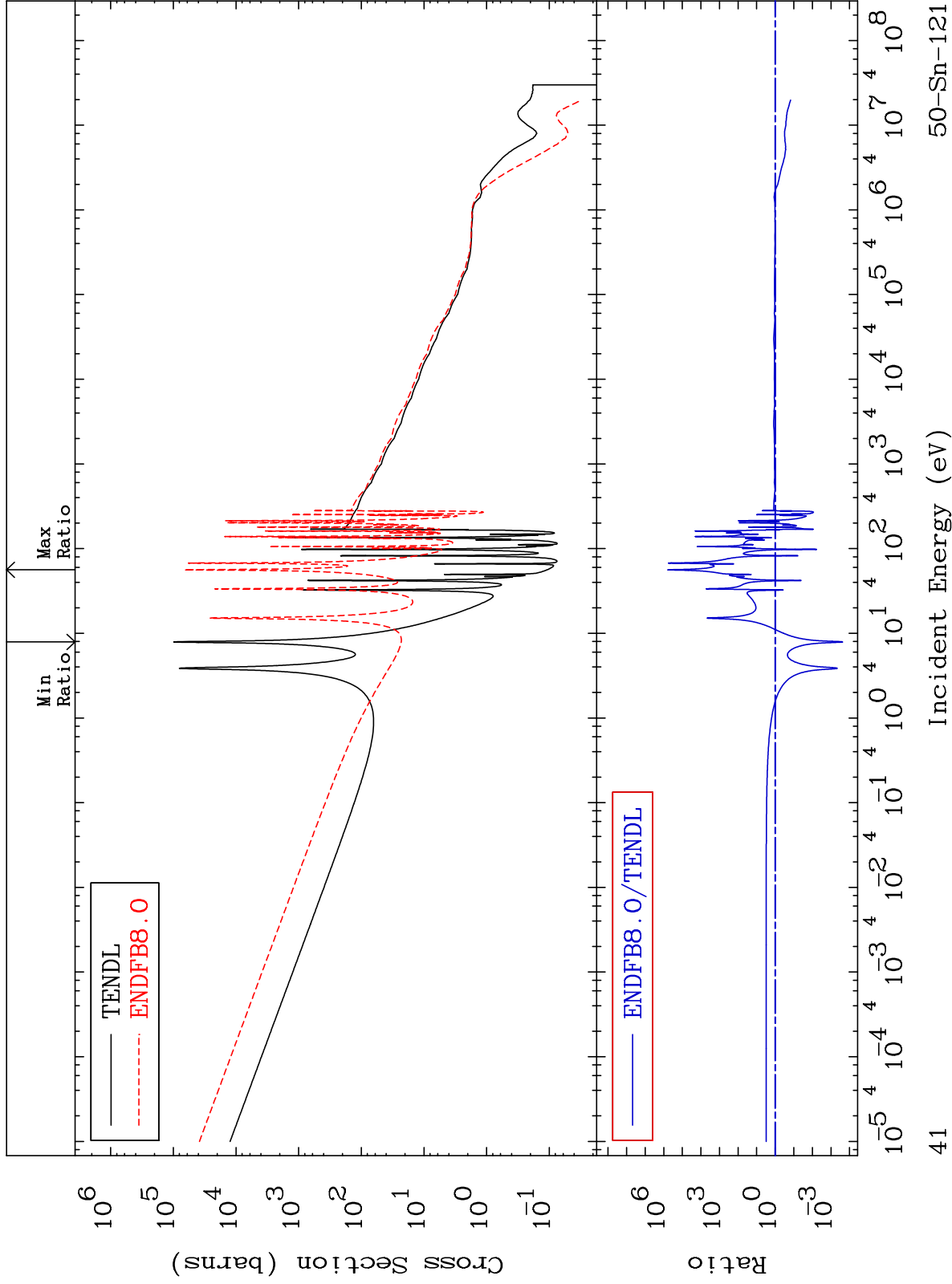
Incident Energy (eV)

50-Sn-121

MAT 5053

Kerma capture (mt102)
Cross Section

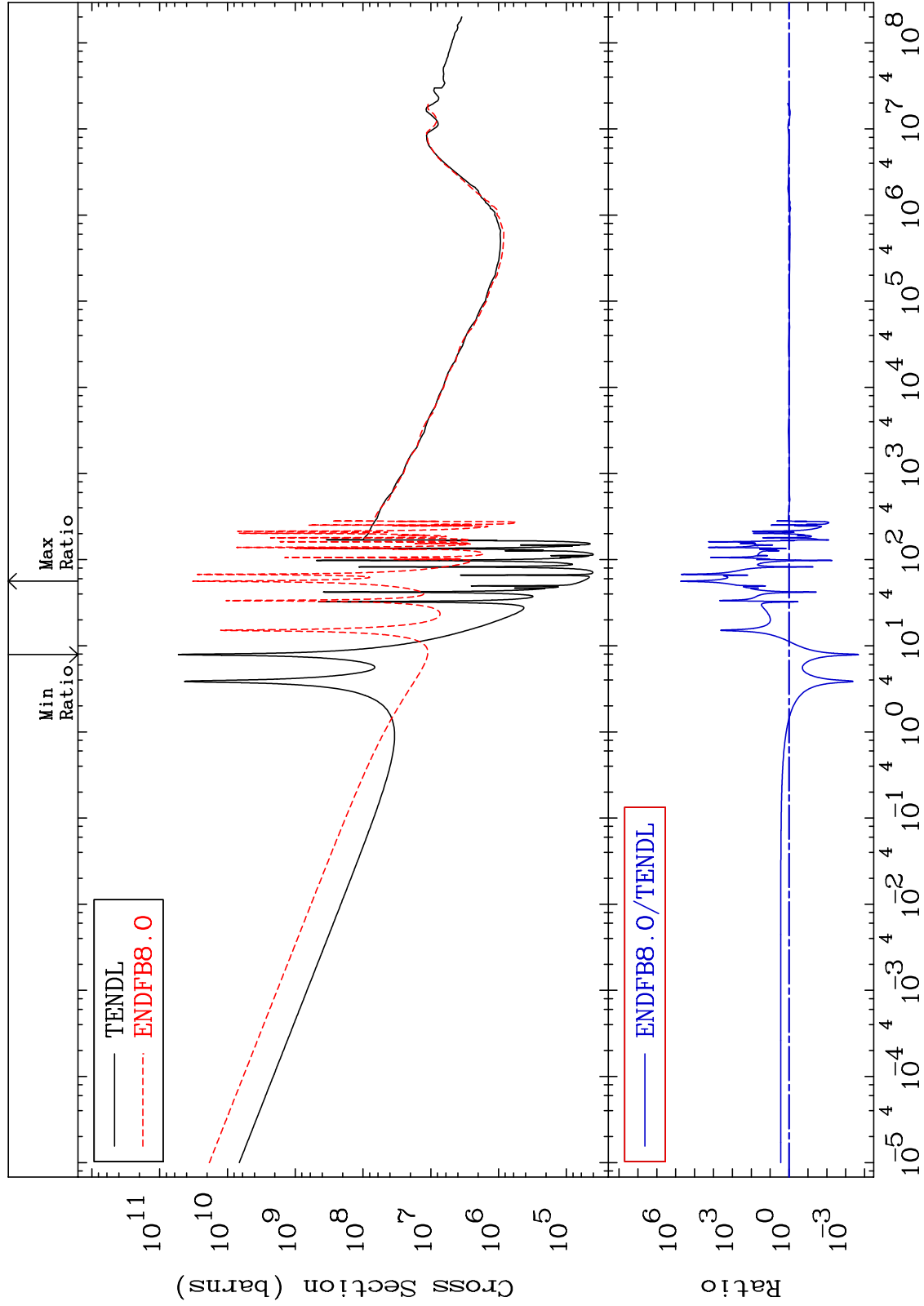
50-Sn-121
-99.98 To 9999. %



MAT 5053

Total photon (eV-barns)
Cross Section

50-Sn-121
-99.98 To 9999. %



42

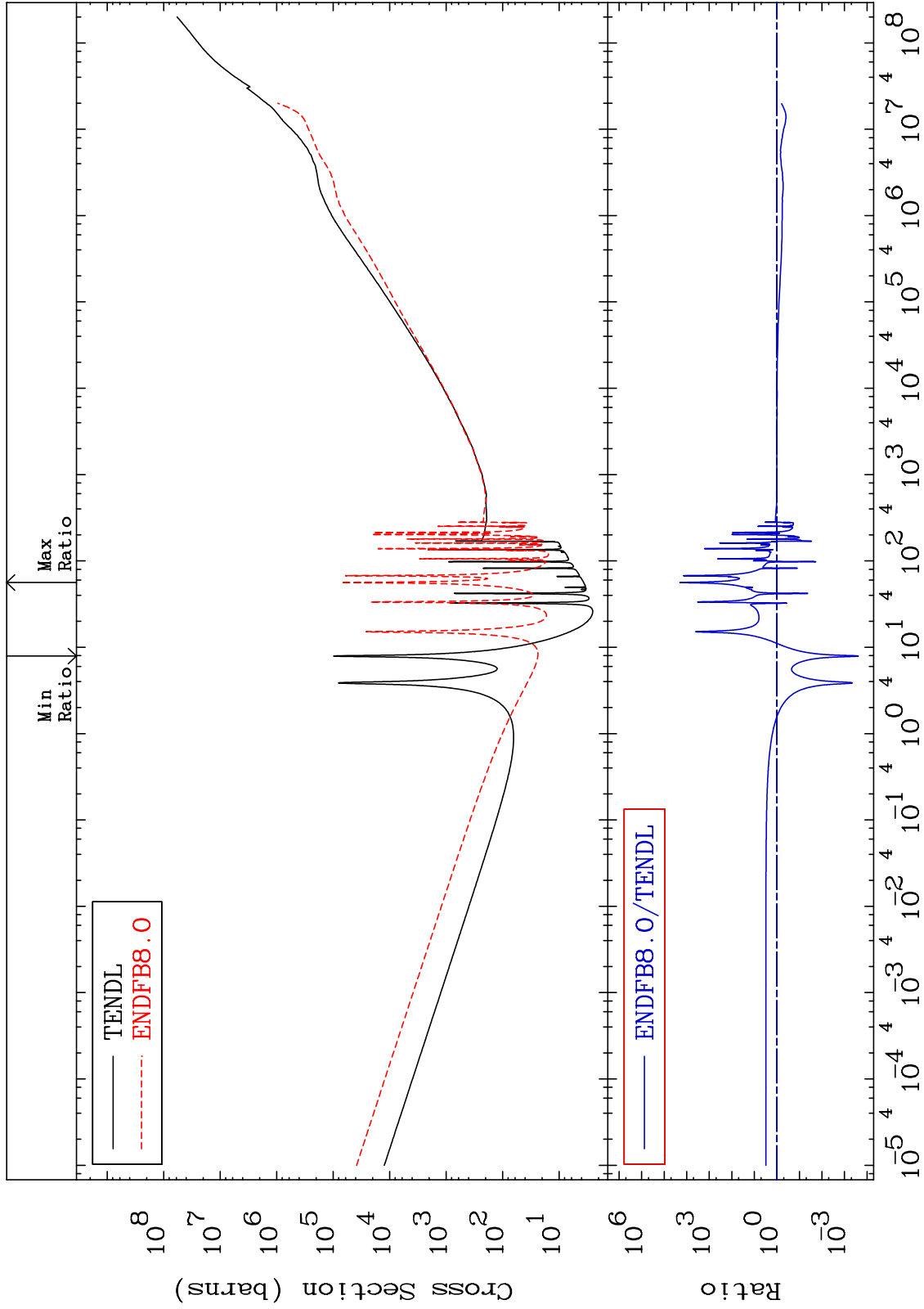
Incident Energy (eV)

50-Sn-121

MAT 5053

Total kinematic kerma (high limit)
Cross Section

50-Sn-121
-99.98 To 9999. %



43

Incident Energy (eV)

50-Sn-121

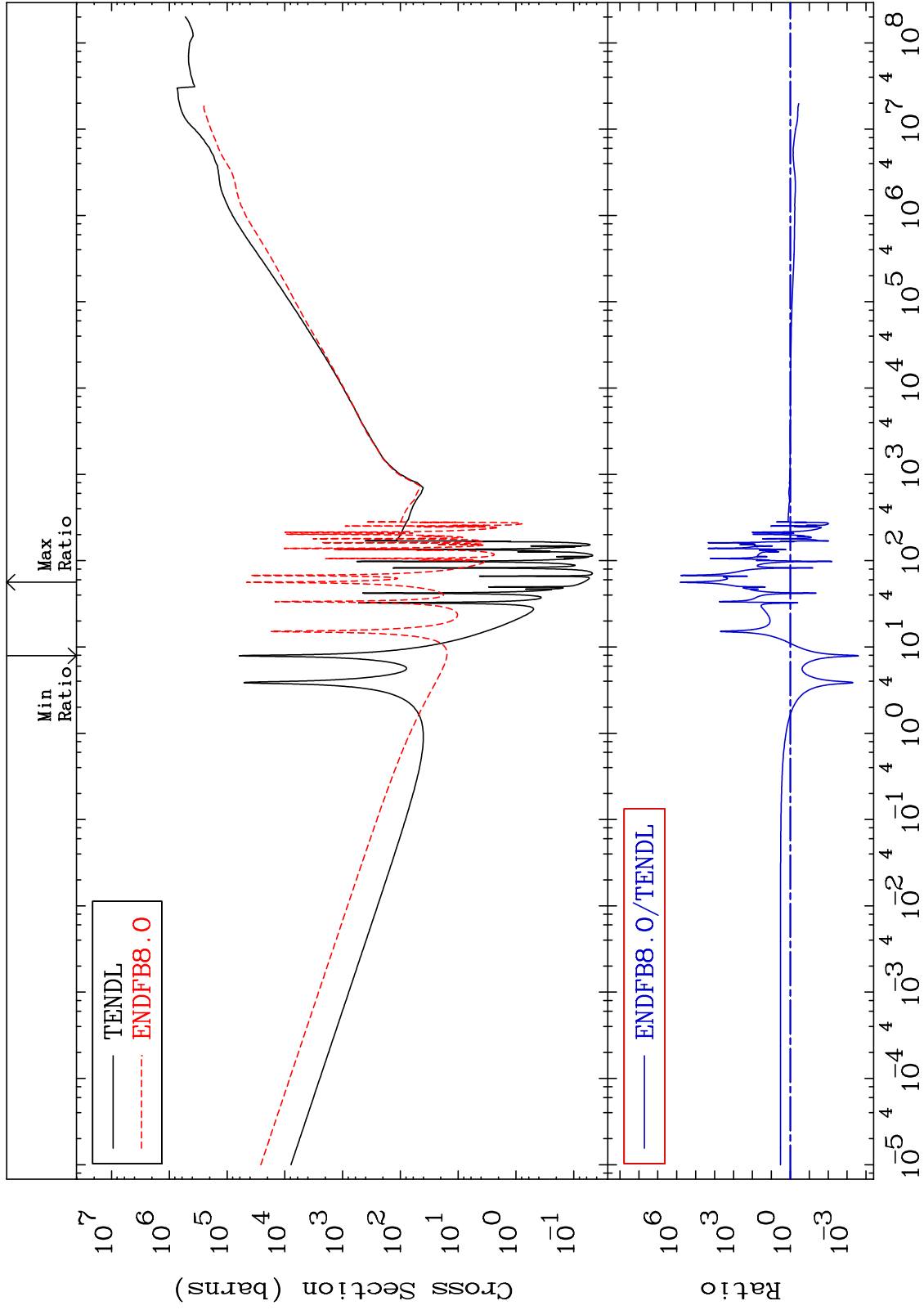
MAT 5053

Dpa total (eV-barns)

50-Sn-121

-99.97 To 9999. %

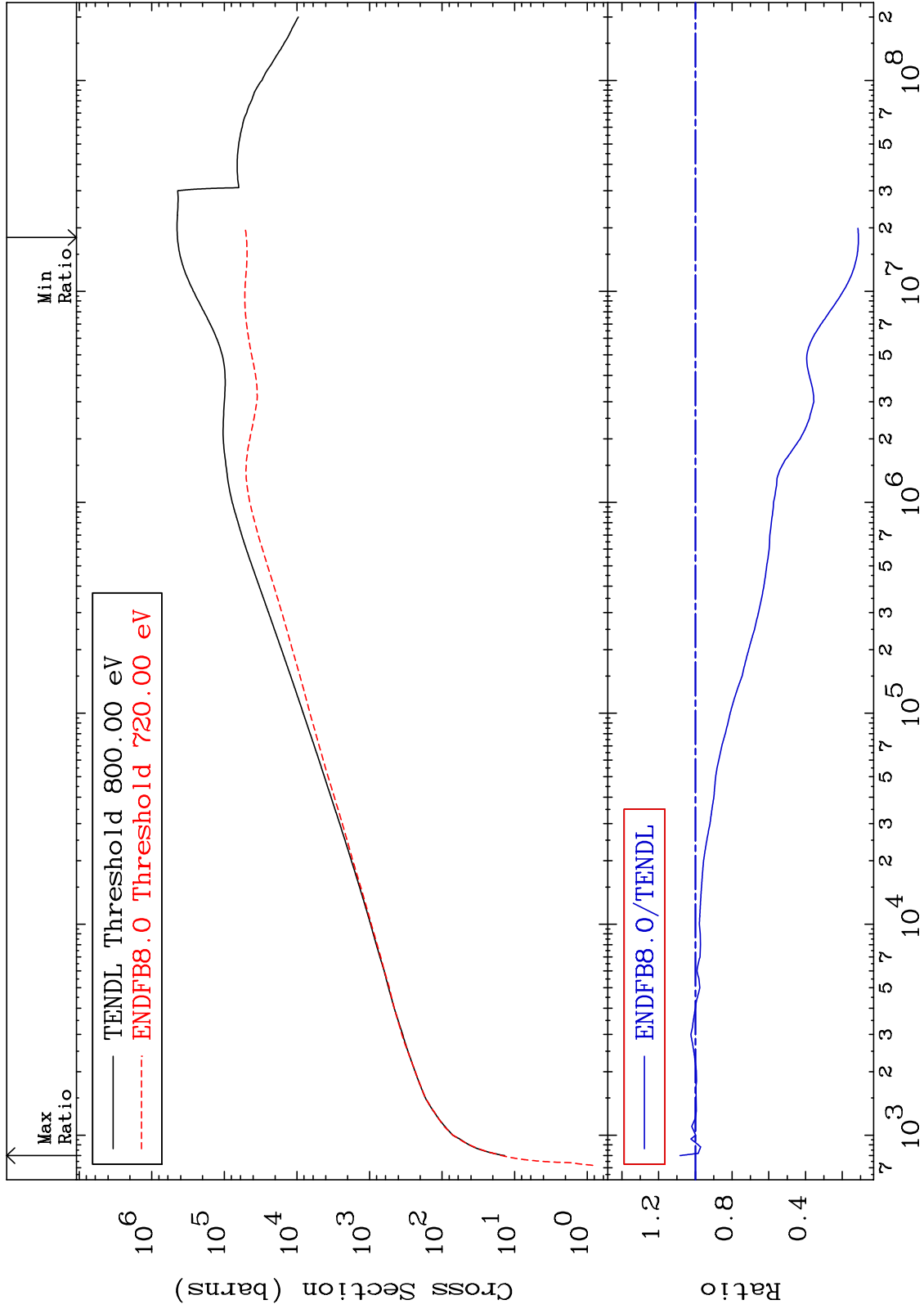
Cross Section



MAT 5053

Dpa elastic (mt2)
Cross Section

50-Sn-121
-88.78 To 8.346 %



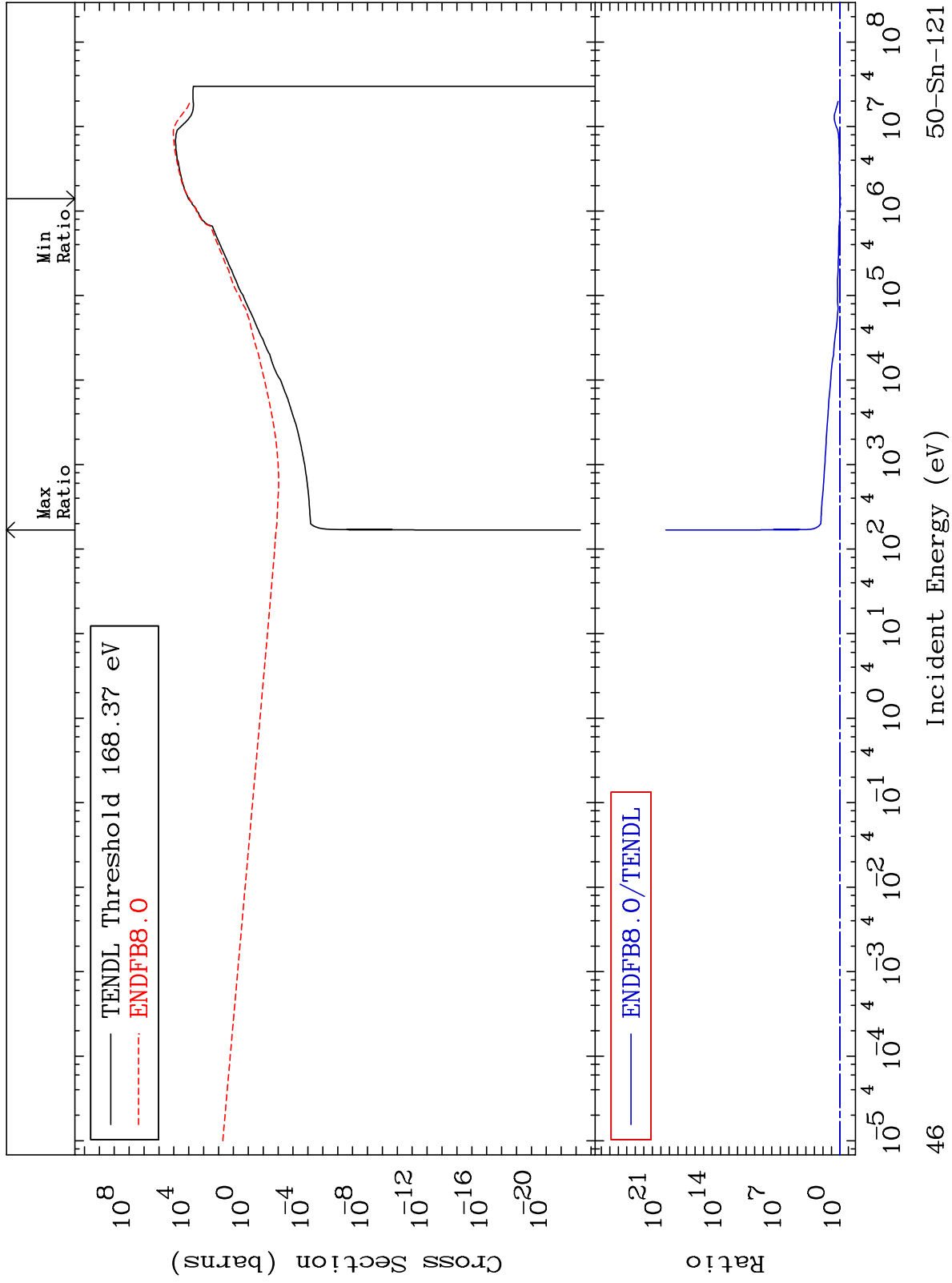
45

50-Sn-121

MAT 5053

Dpa inelastic (mt51-91)
Cross Section

50-Sn-121
-14.89 To 9999. %



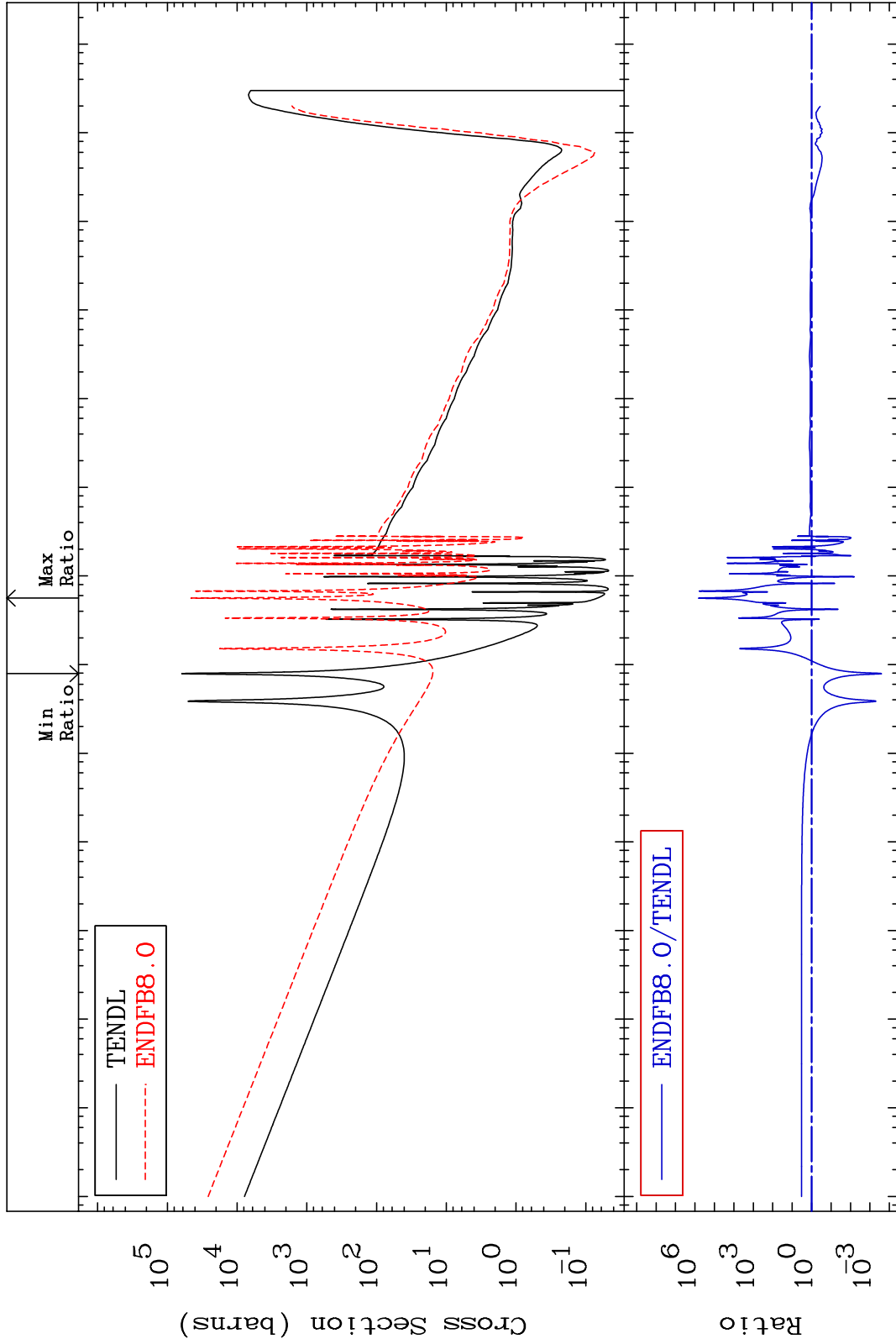
MAT 5053

Dpa disappearance (mt102 -120)

50-Sn-121

-99.97 To 9999. %

Cross Section



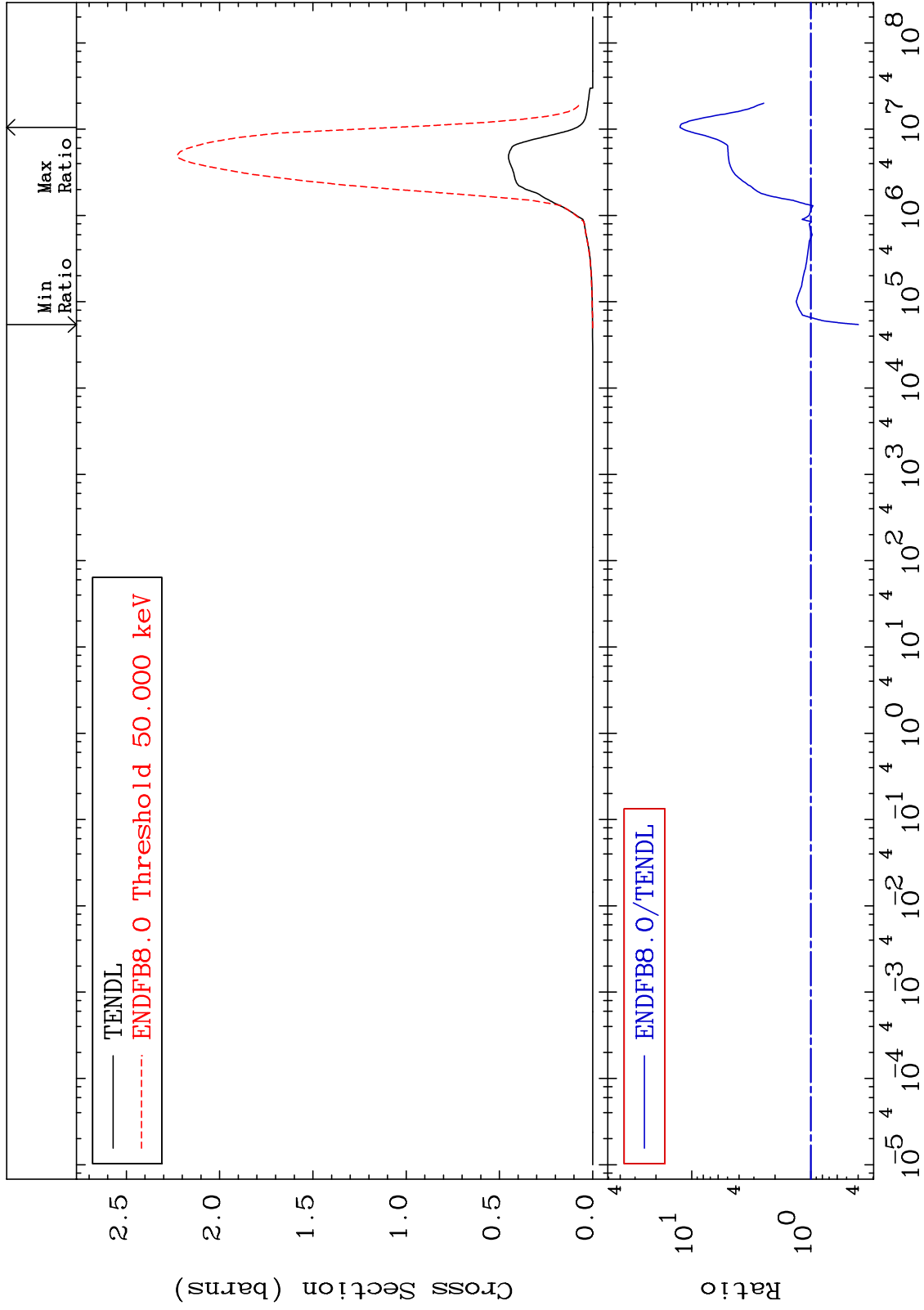
Incident Energy (eV)

50-Sn-121

MAT 5053

Inelastic:50-Sn-121g
Radionuclide Production Cross Section -60.21 To 1155. %

50-Sn-121



48

Incident Energy (eV)

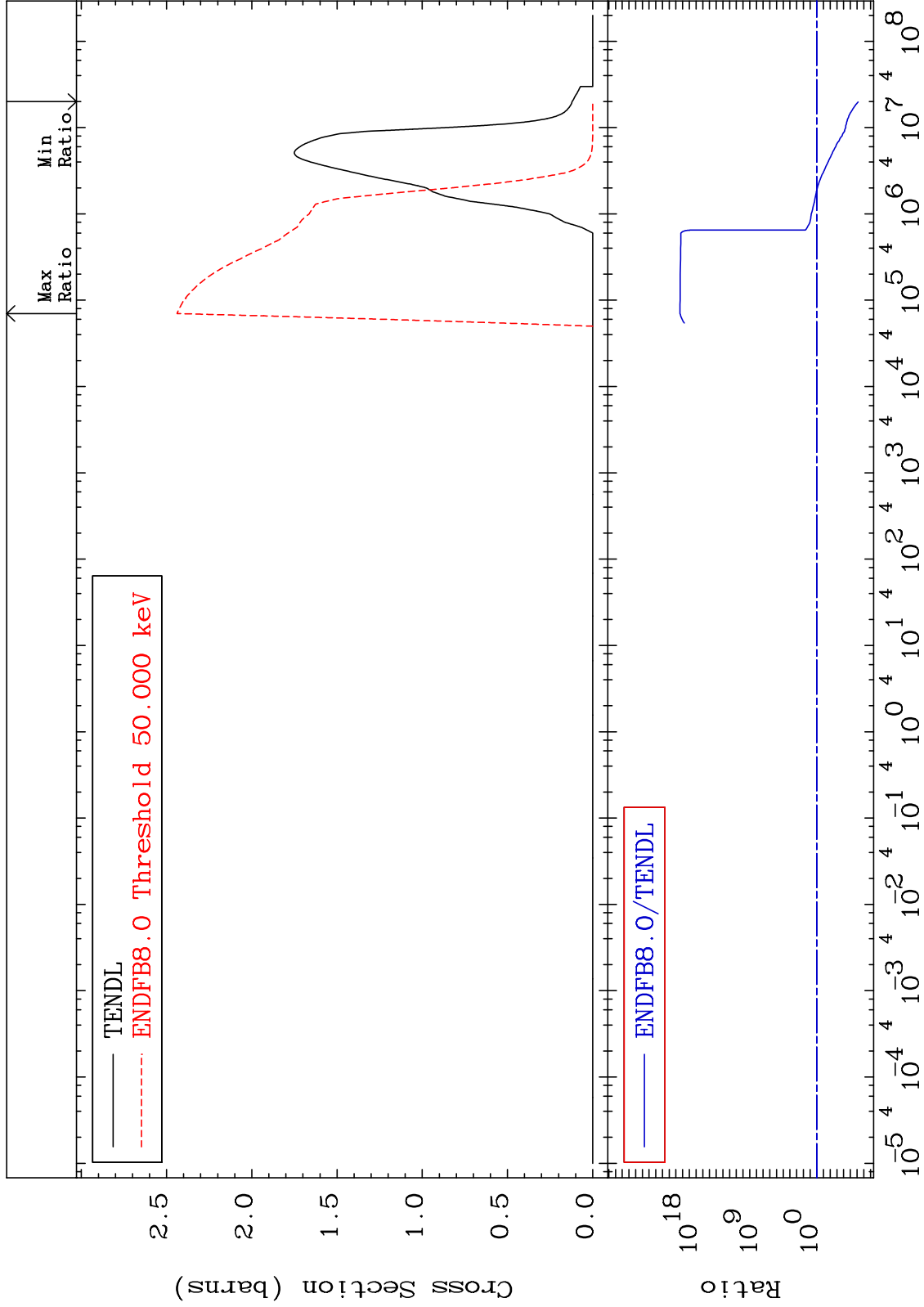
50-Sn-121

MAT 5053

Inelastic:50-Sn-121m1

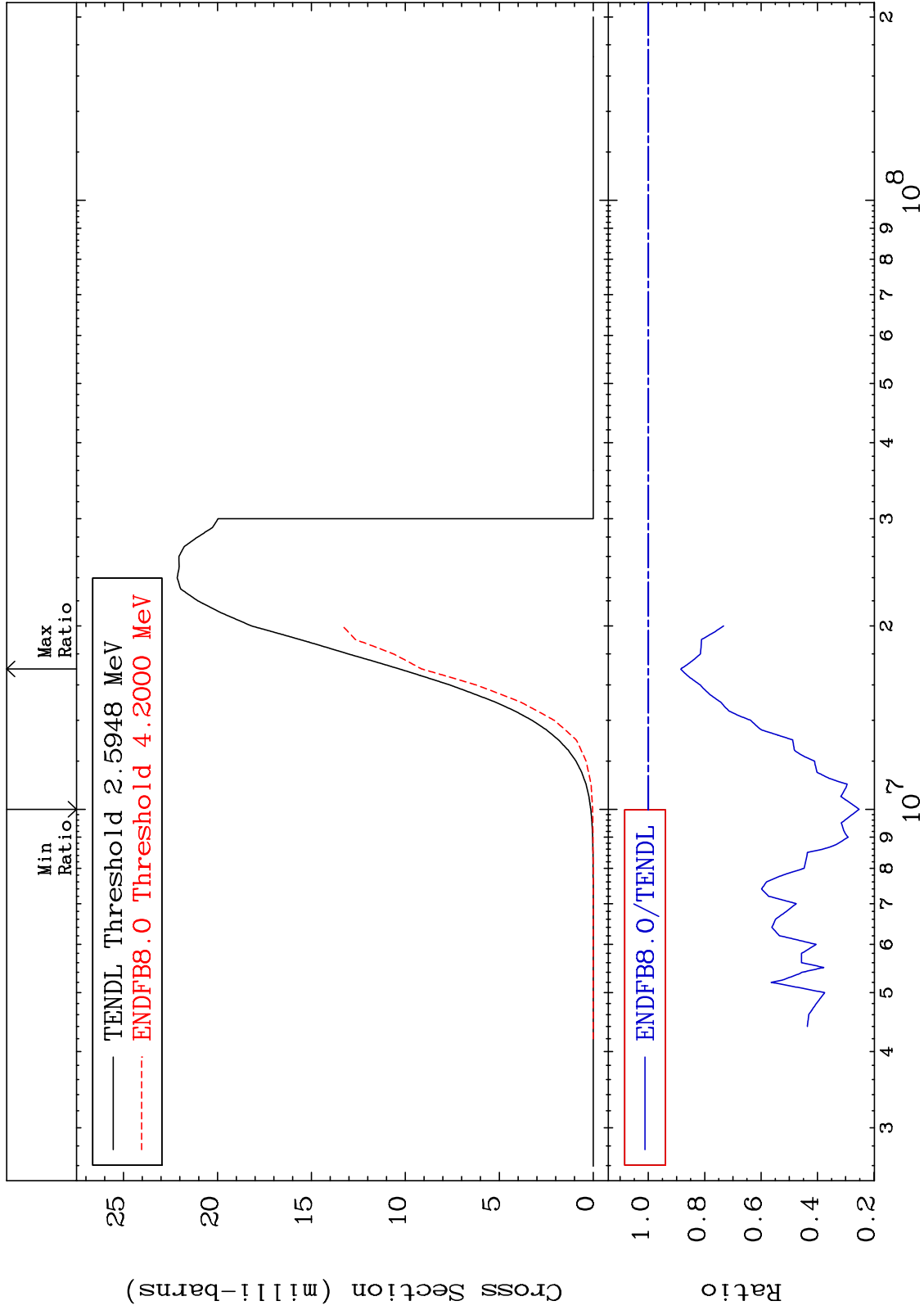
50-Sn-121

Radionuclide Production Cross Section -100.0 To 9999. %



MAT 5053

(n, p) : 49-In-121g 50-Sn-121
Radionuclide Production Cross Section -74.78 To -11.45%



MAT 5053

(n, p) : 49-In-121m1

50-Sn-121

Radionuclide Production Cross Section -100.0 To -0.808%

