

Program Complot
(Version 2018-1)

by

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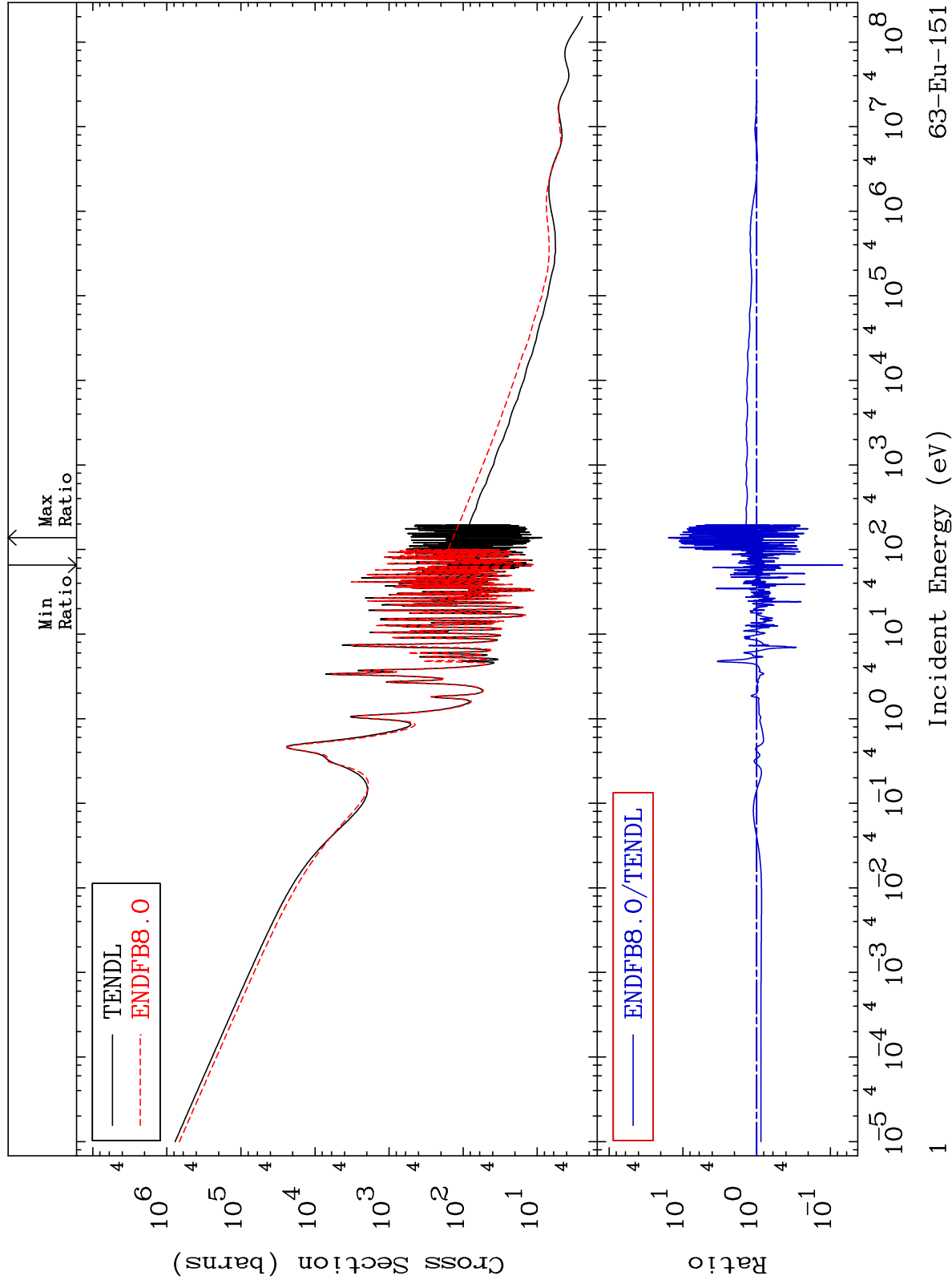
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6325

Total
Cross Section

63-Eu-151
-93.23 To 1490. %



63-Eu-151

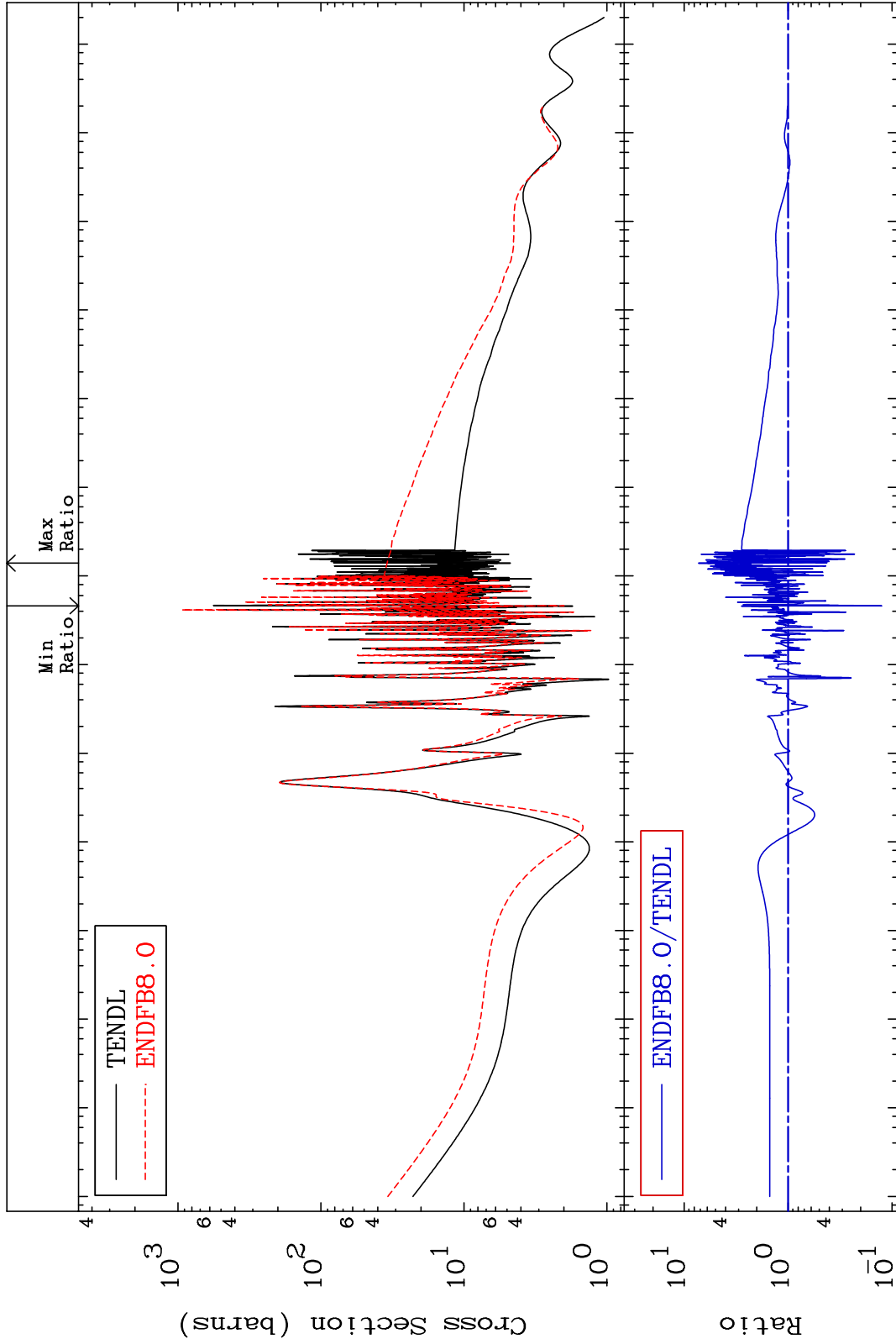
MAT 6325

Elastic

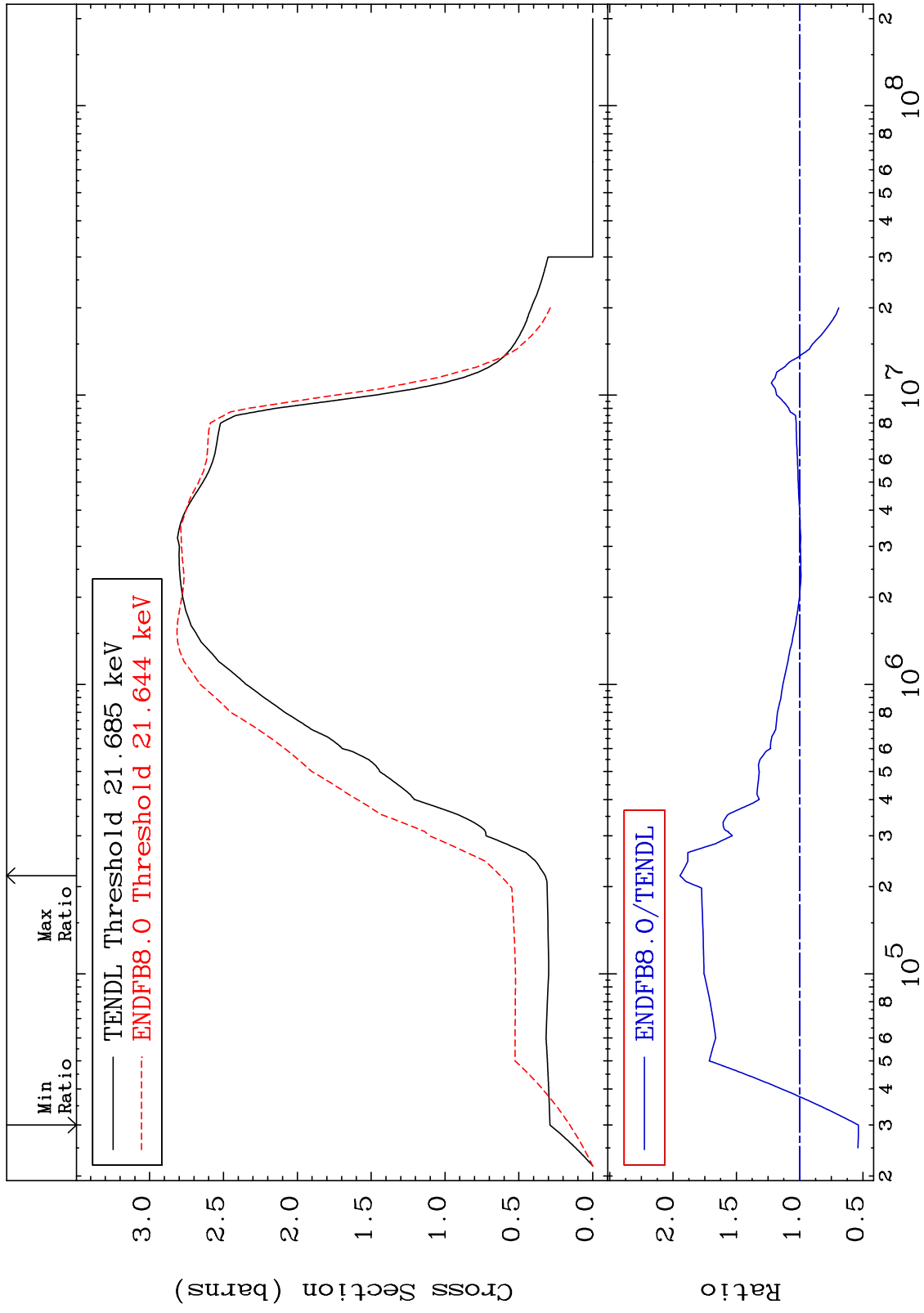
63-Eu-151

Cross Section

-87.41 To 630.9 %



MAT 6325 63-Eu-151
-46.39 To 94.51 %
Inelastic Cross Section



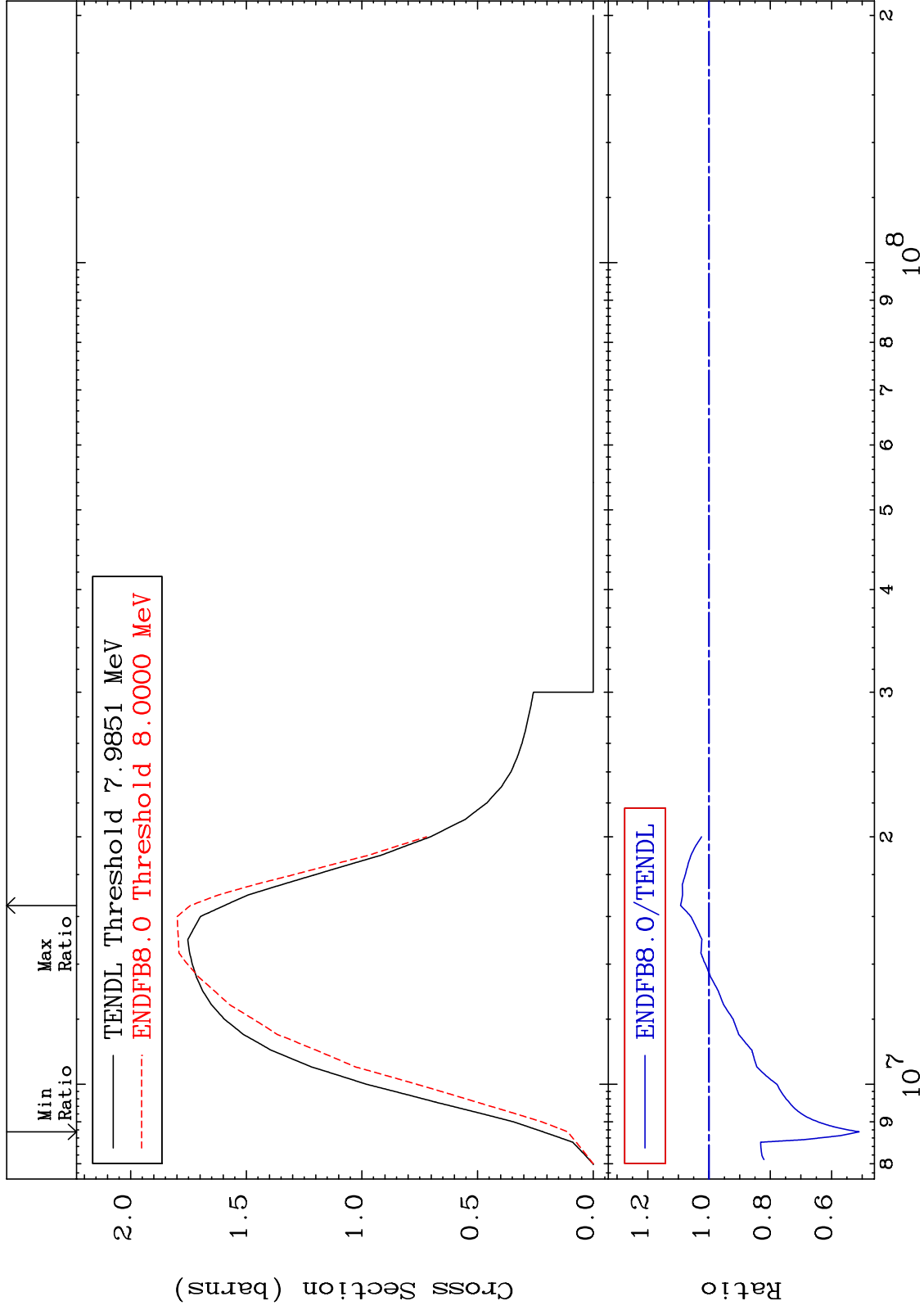
MAT 6325

(n,2n)

63-Eu-151

Cross Section

-49.01 To 9.269 %



4

Incident Energy (eV)

63-Eu-151

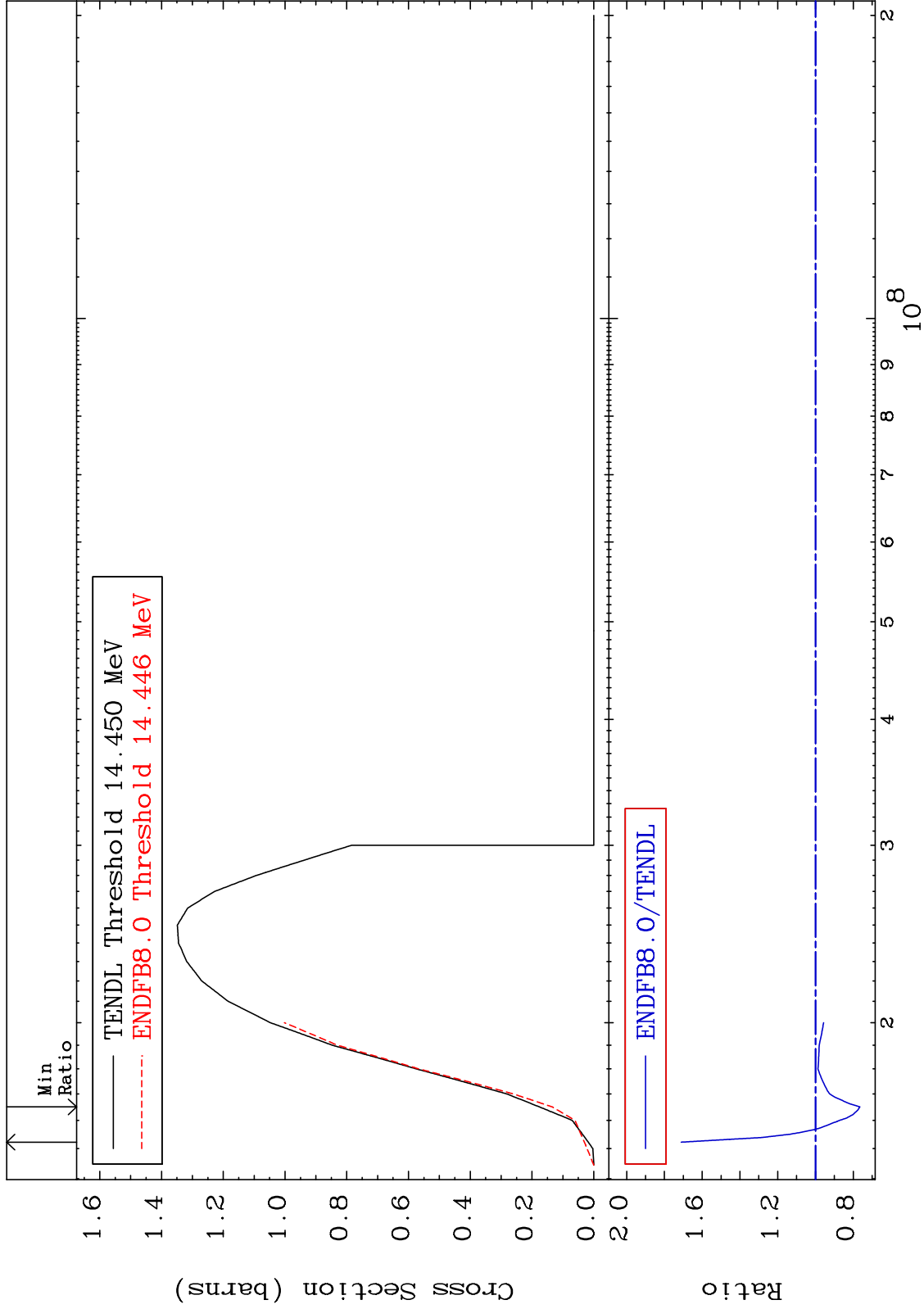
MAT 6325

(n, 3n)

63-Eu-151

Cross Section

-23.54 To 71.10 %



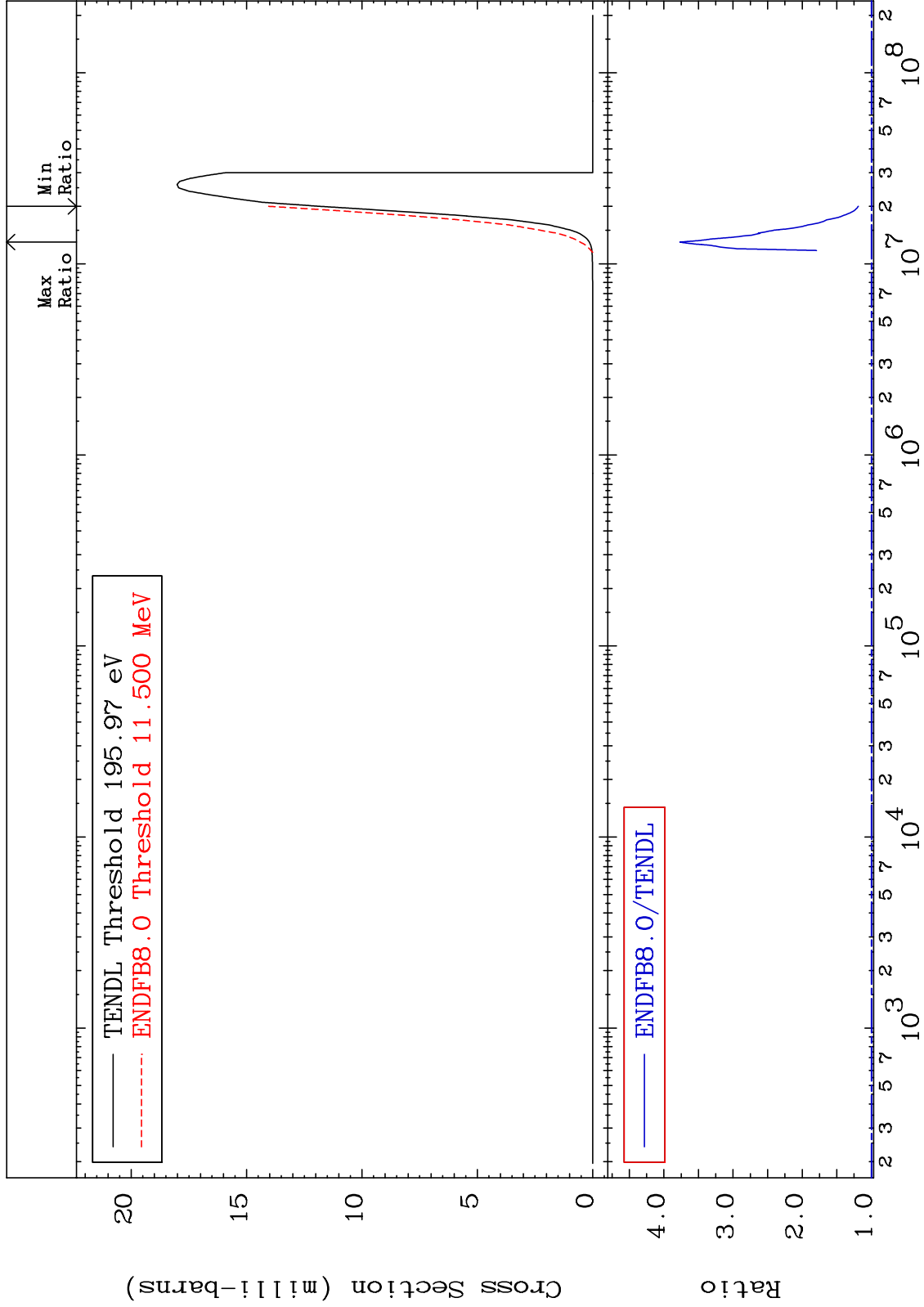
MAT 6325

(n,n') α

Cross Section

63-Eu-151

18.73 To 276.7 %



6

Incident Energy (eV)

63-Eu-151

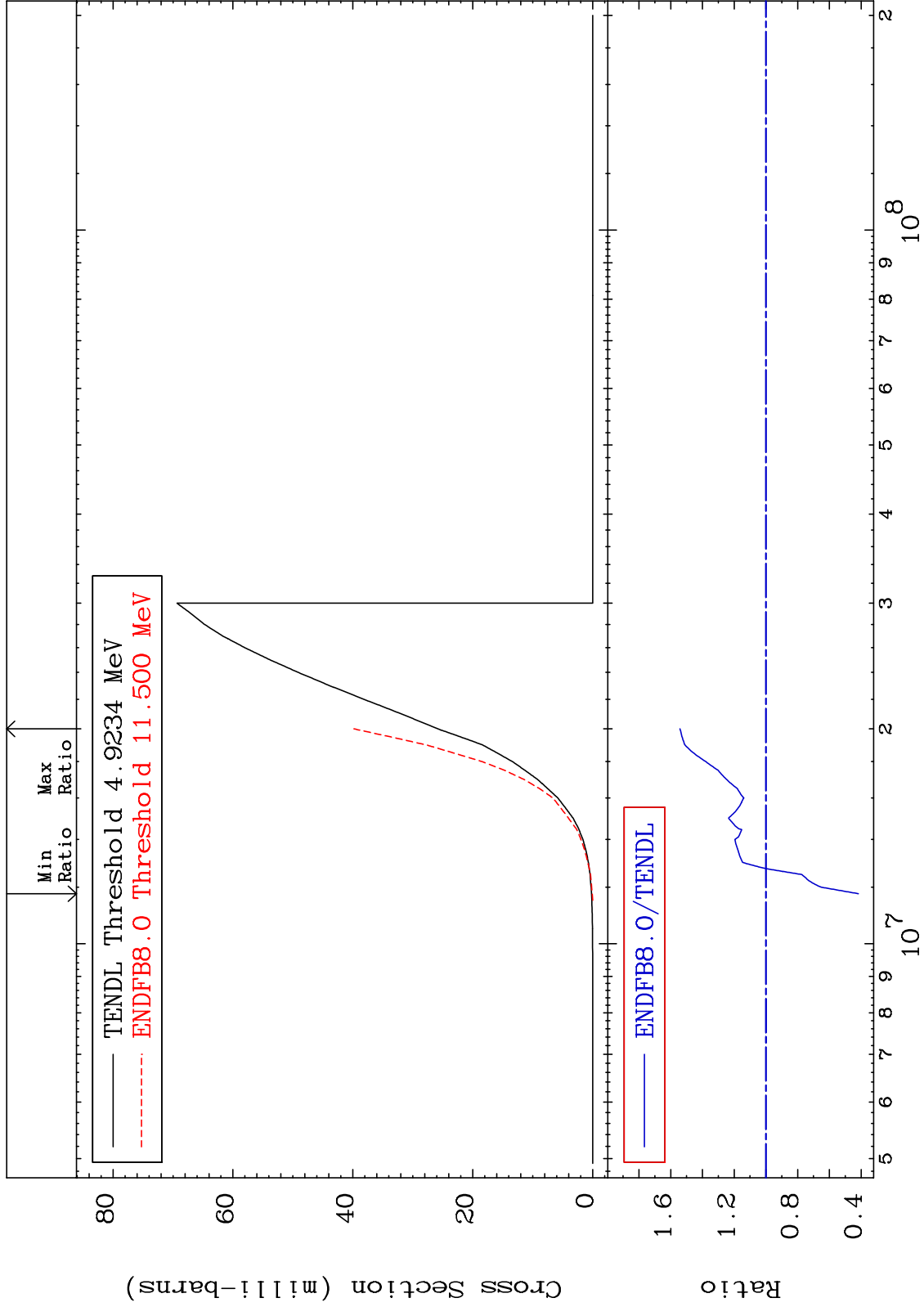
MAT 6325

(n,n') p

63-Eu-151

Cross Section

-58.30 To 54.13 %



7

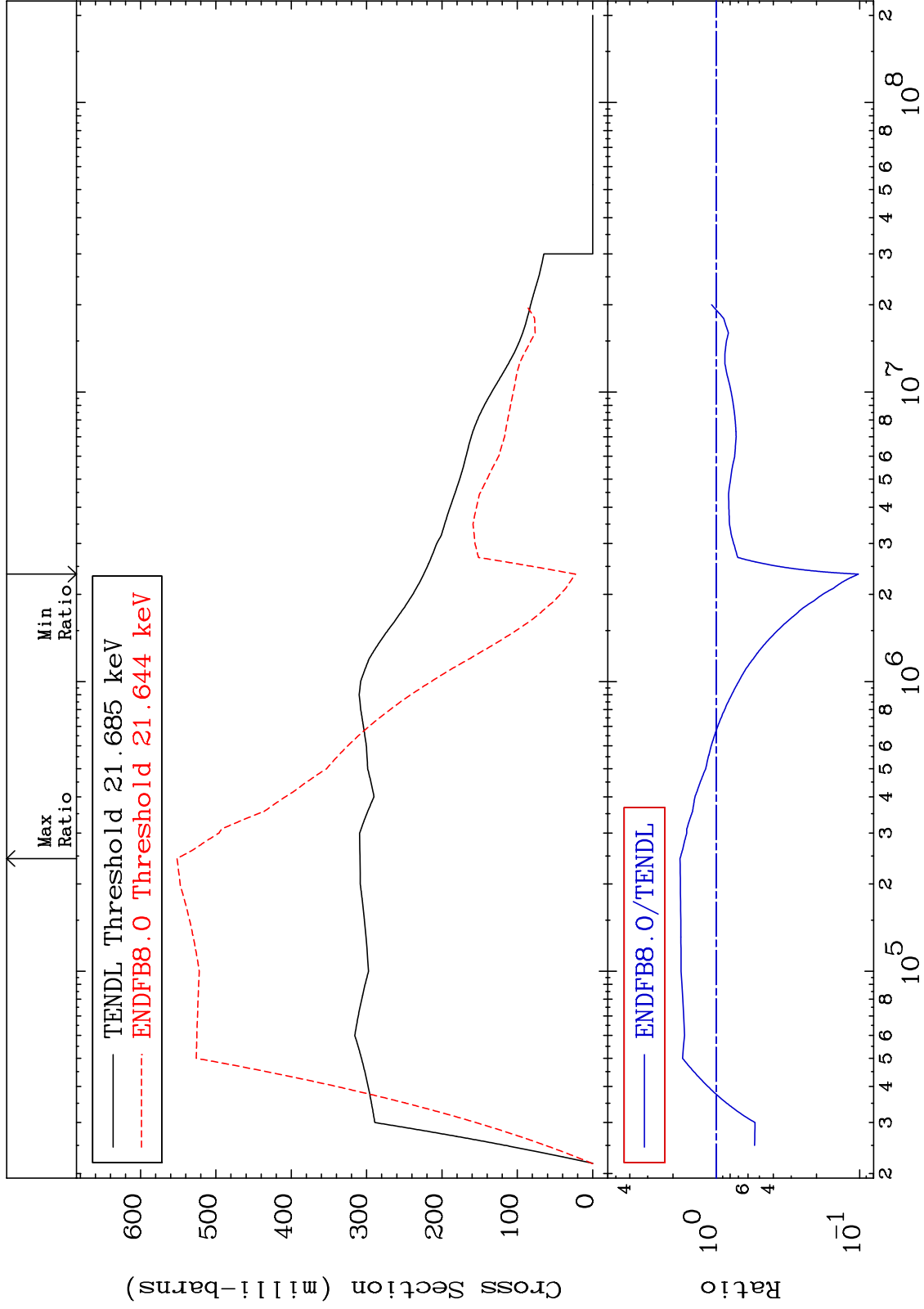
Incident Energy (eV)

63-Eu-151

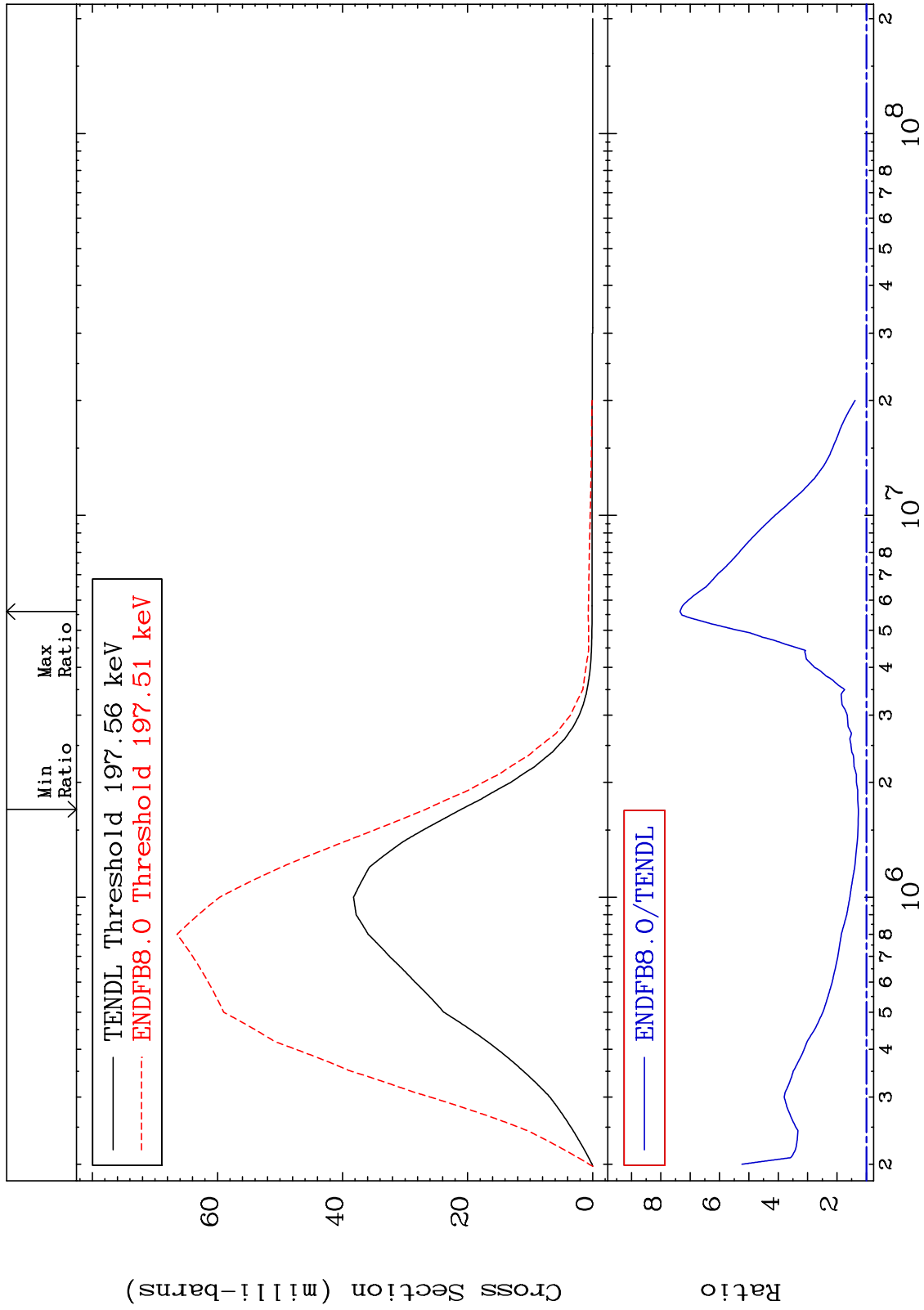
MAT 6325

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

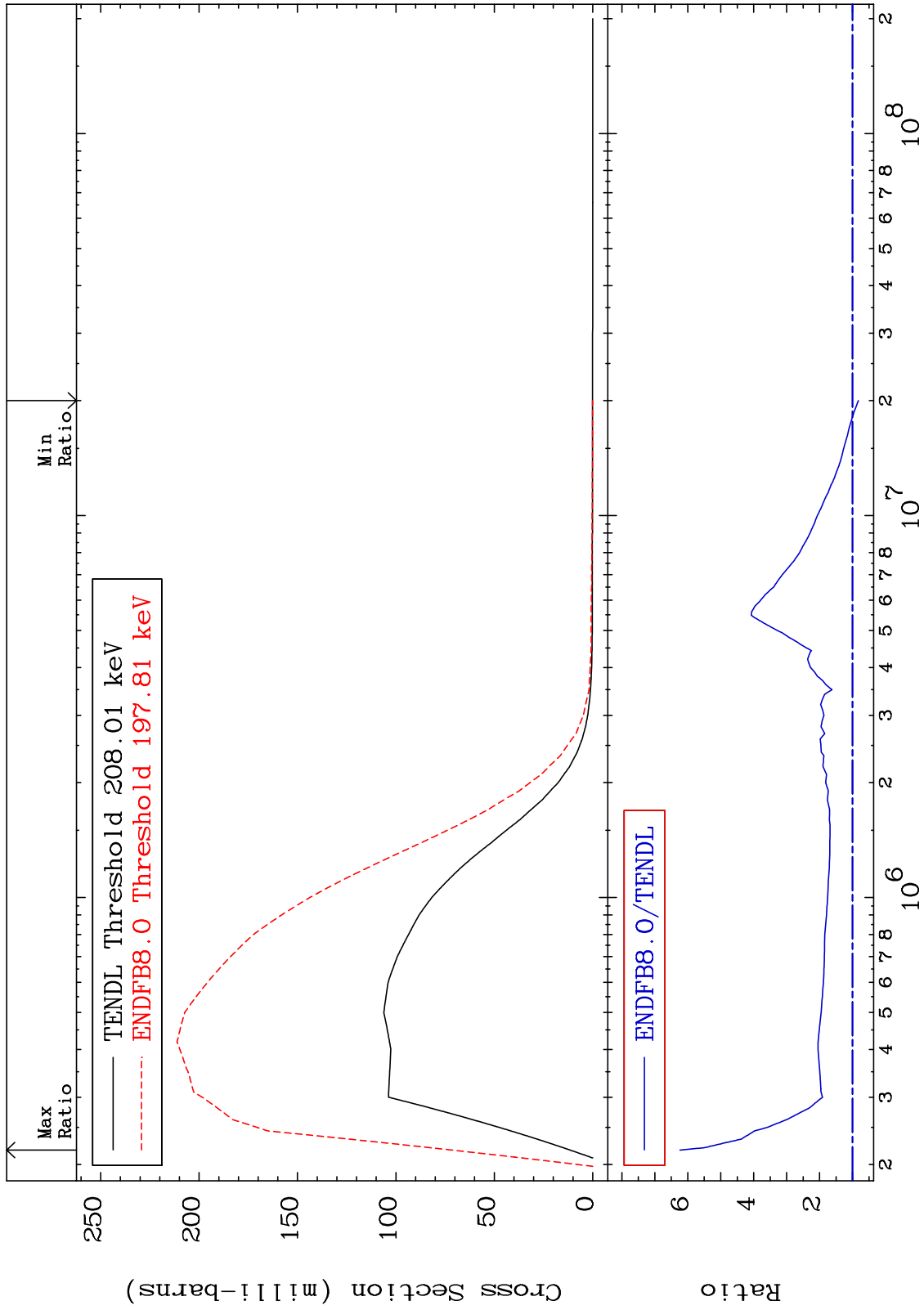
63-Eu-151
-89.81 To 78.61 %



MAT 6325 MT= 52 (n,n') Level Cross Section 63-Eu-151 26.97 To 634.6 %

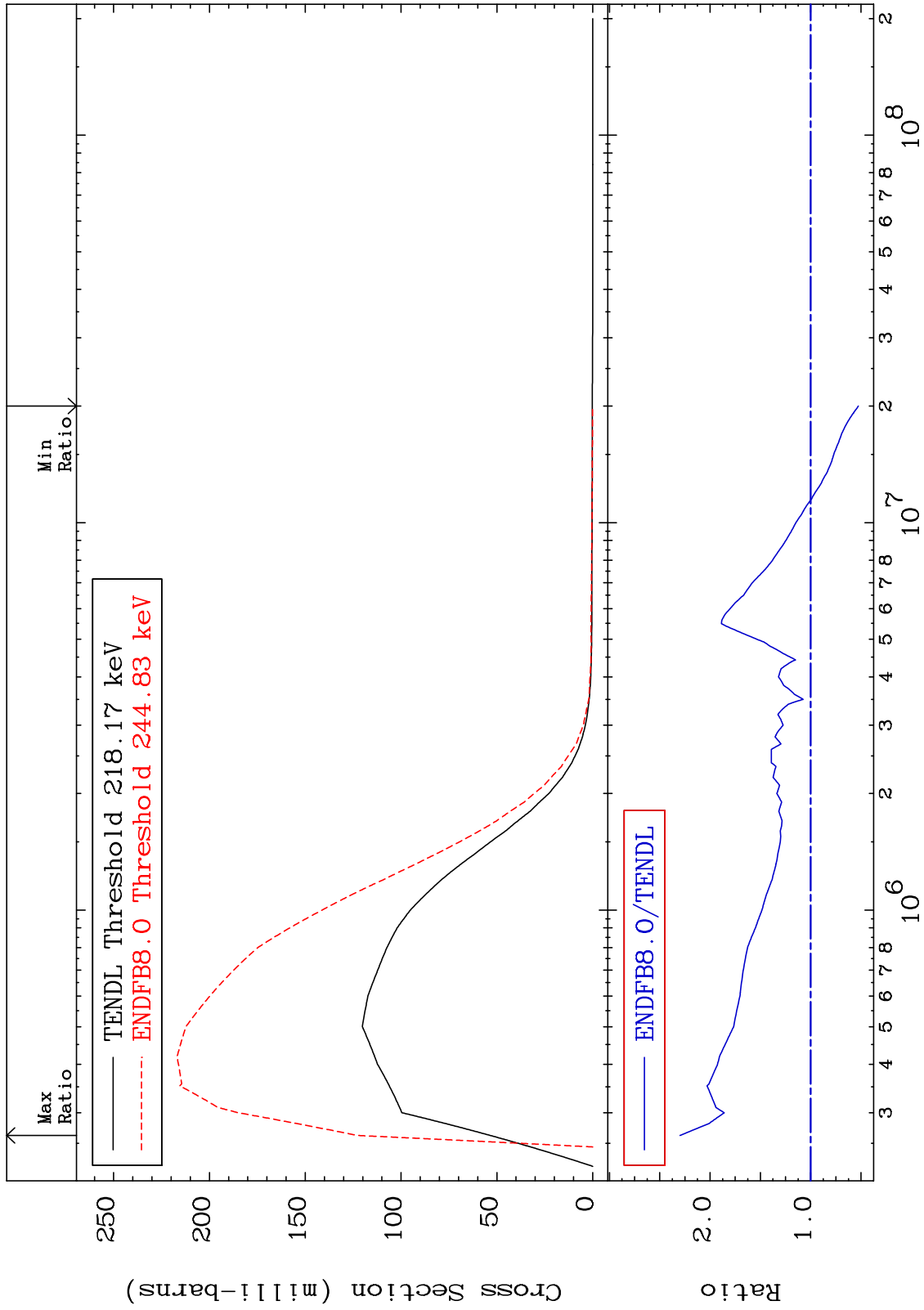


MAT 6325 MT= 53 (n,n') Level Cross Section -17.78 To 523.6 % 63-Eu-151



10 63-Eu-151

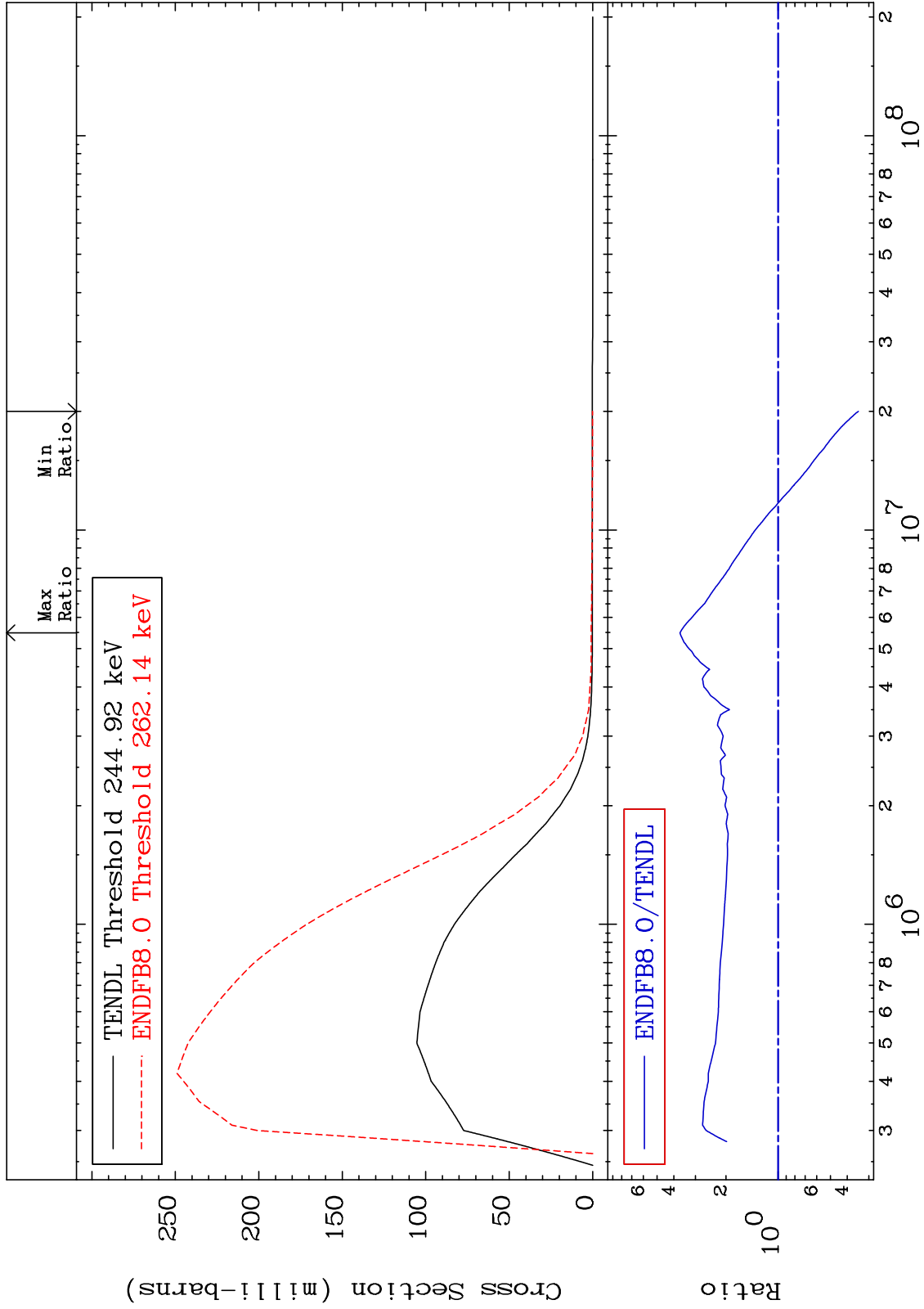
MAT 6325 MT= 54 (n,n') Level 63-Eu-151
 Cross Section -47.40 To 129.8 %



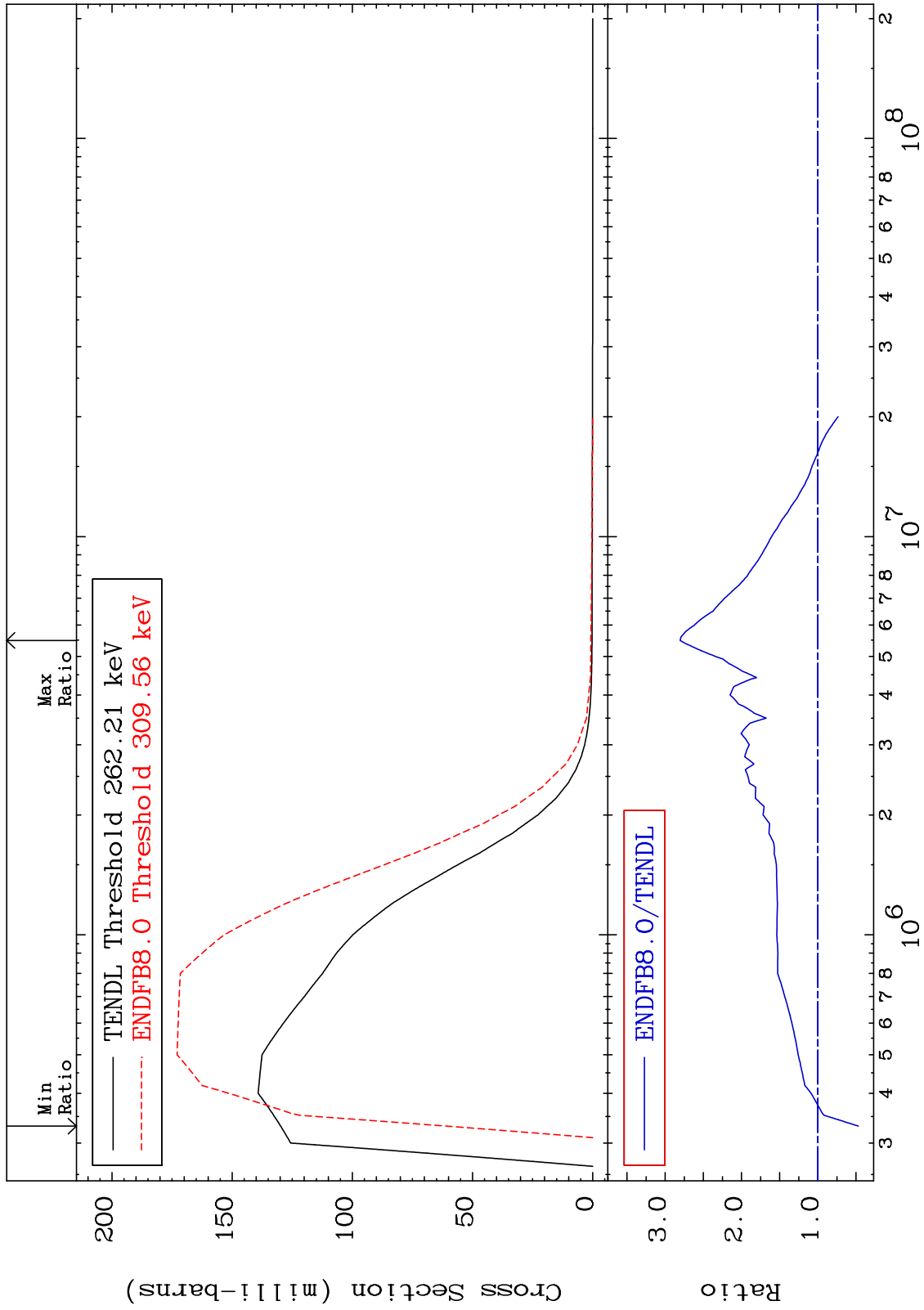
MAT 6325

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

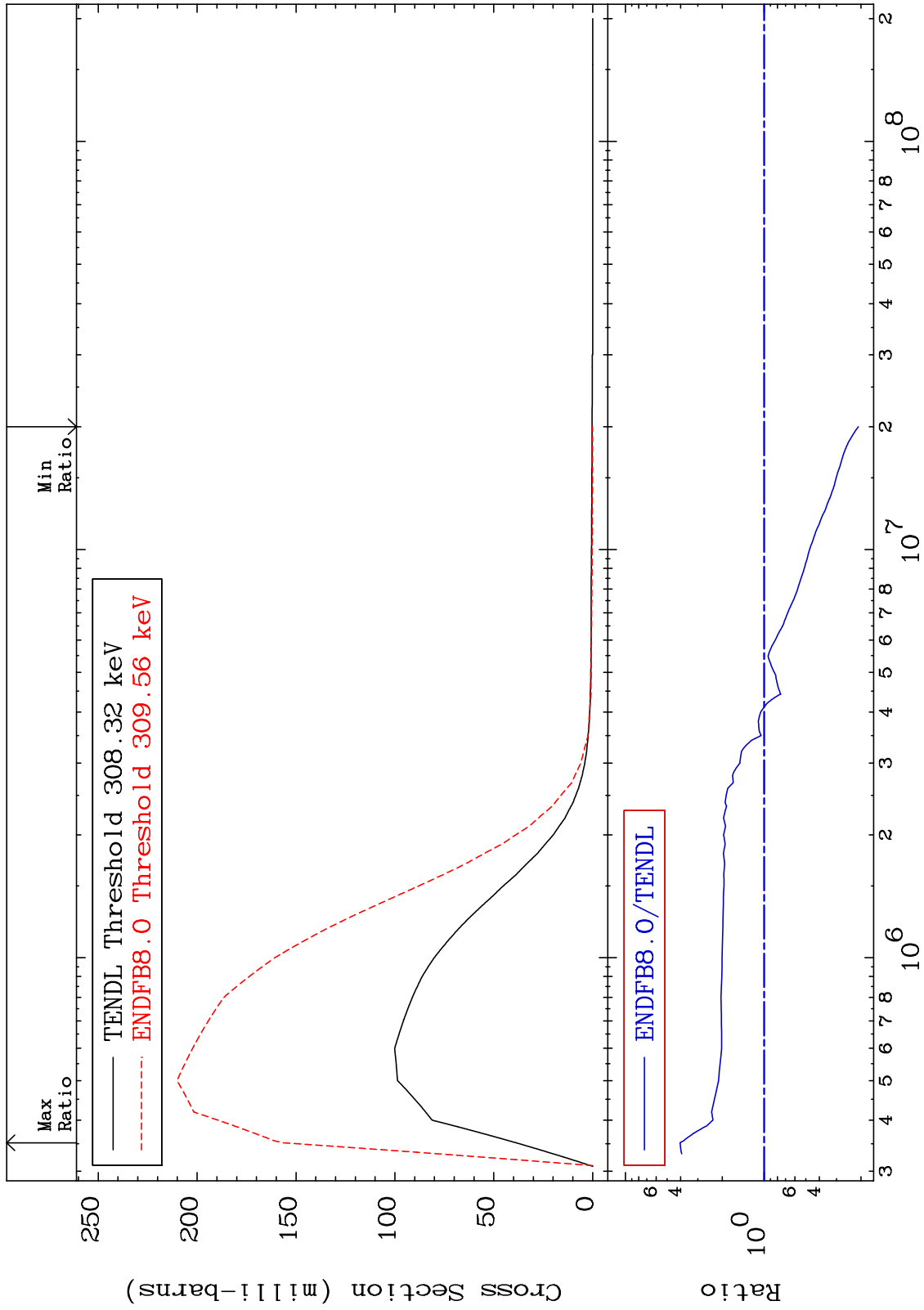
63-Eu-151
-65.55 To 268.5 %



MAT 6325 MT= 56 (n,n') Level Cross Section -53.13 To 180.6 % 63-Eu-151



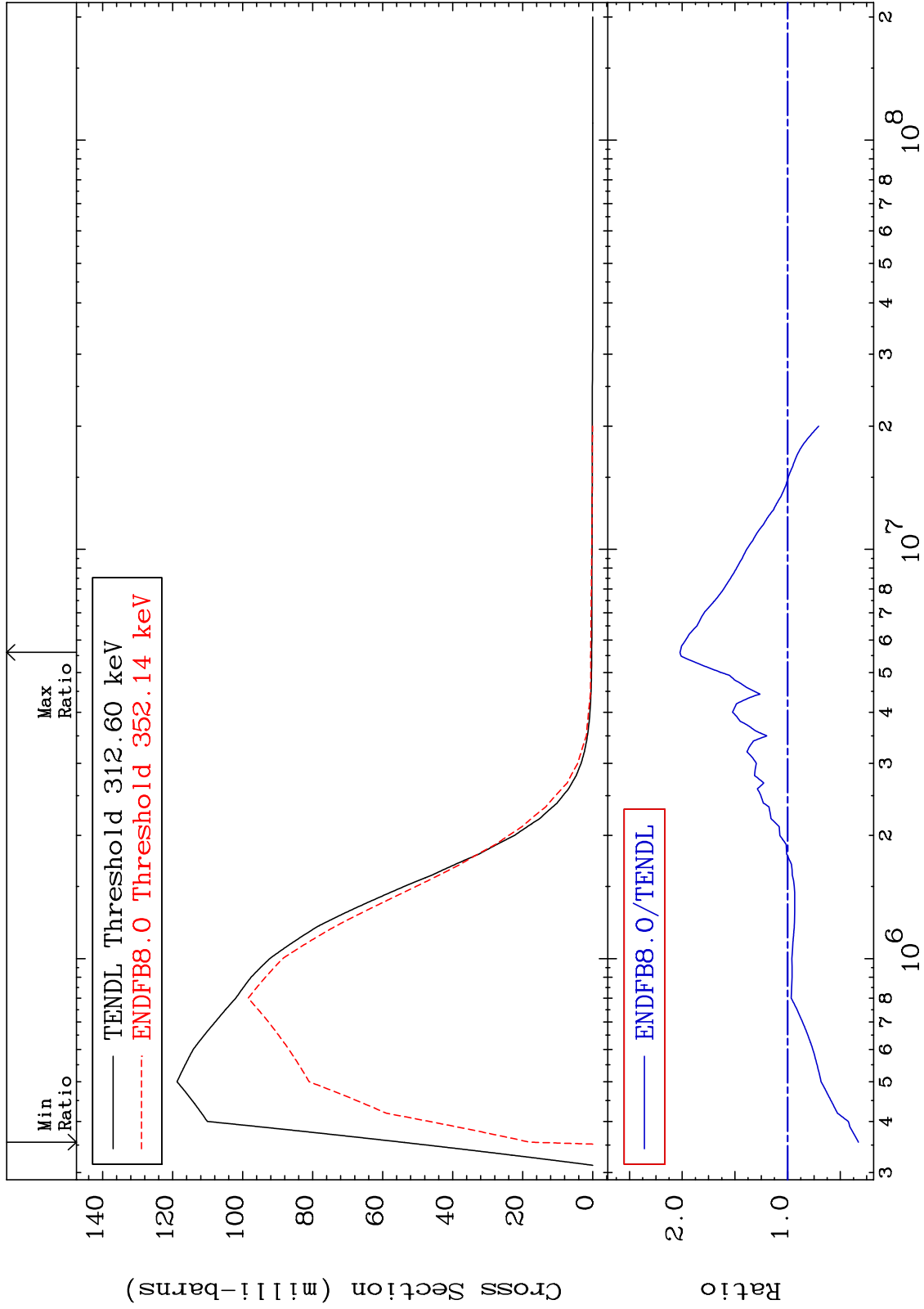
MAT 6325 MT= 57 (n,n') Level Cross Section 63-Eu-151
 -79.10 To 303.5 %



MAT 6325

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

63-Eu-151
-67.15 To 102.1 %



15

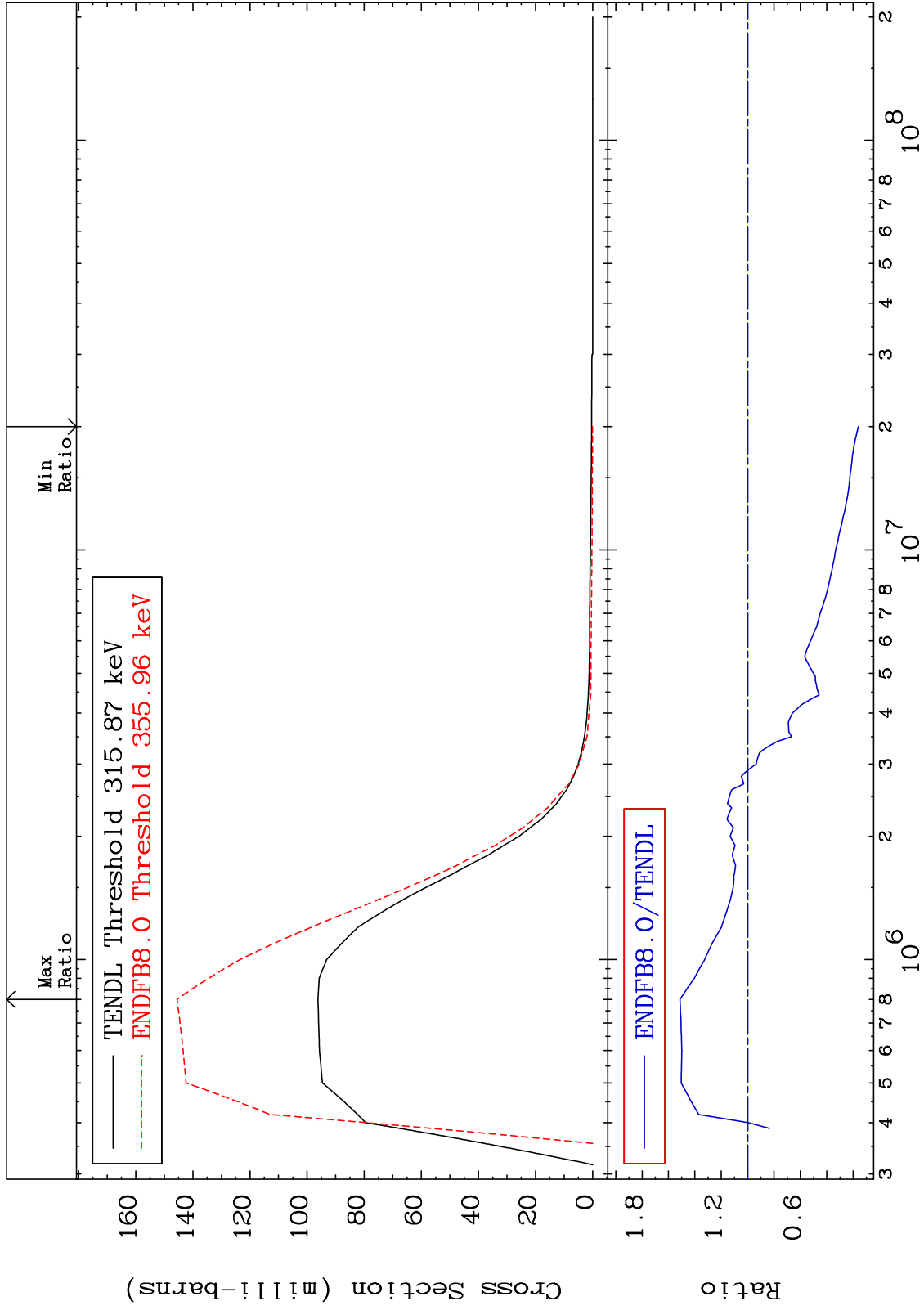
Incident Energy (eV)

63-Eu-151

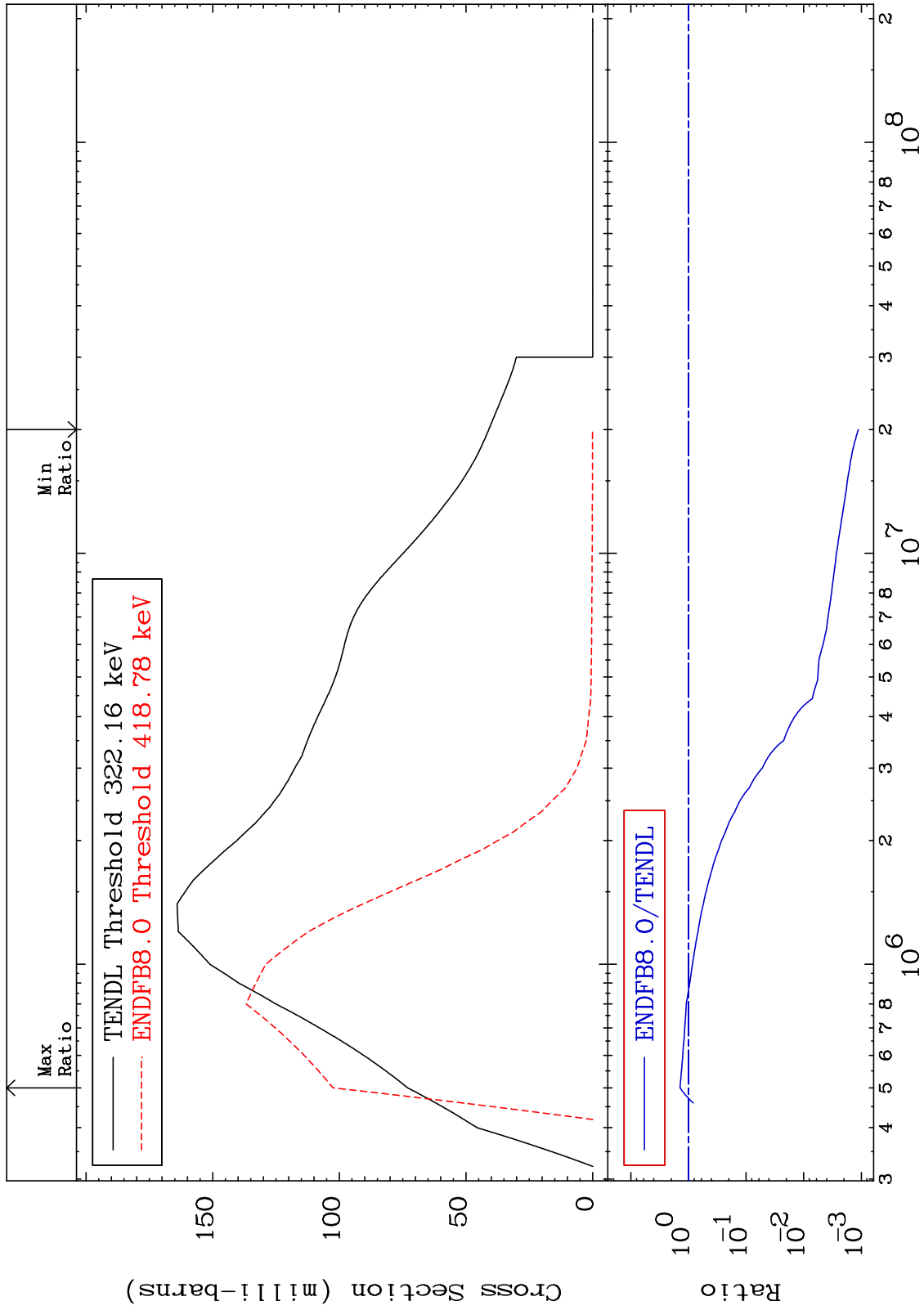
MAT 6325

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

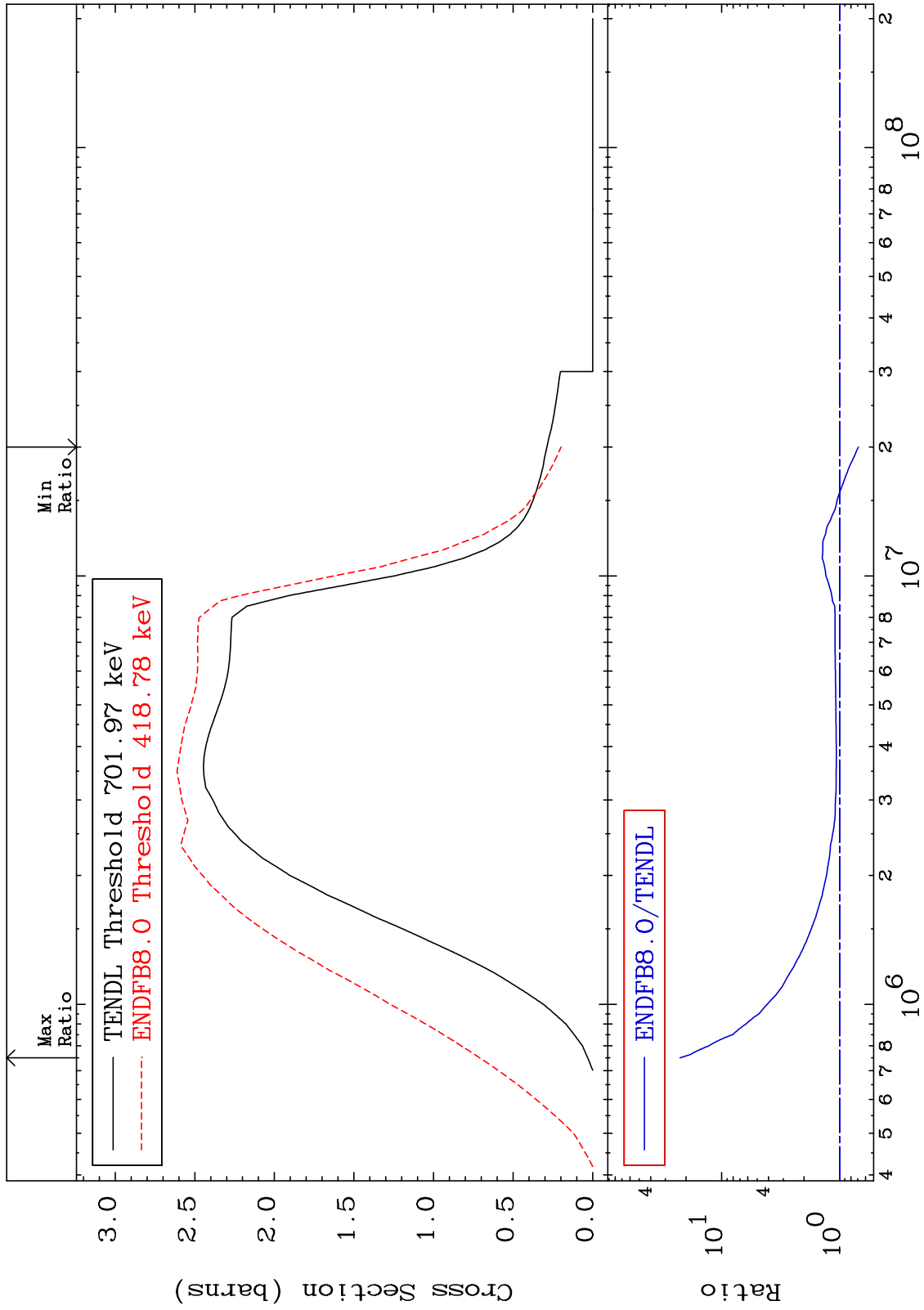
63-Eu-151
-83.93 To 51.27 %



MAT 6325 MT= 60 (n,n') Level Cross Section 63-Eu-151 -99.89 To 40.40 %



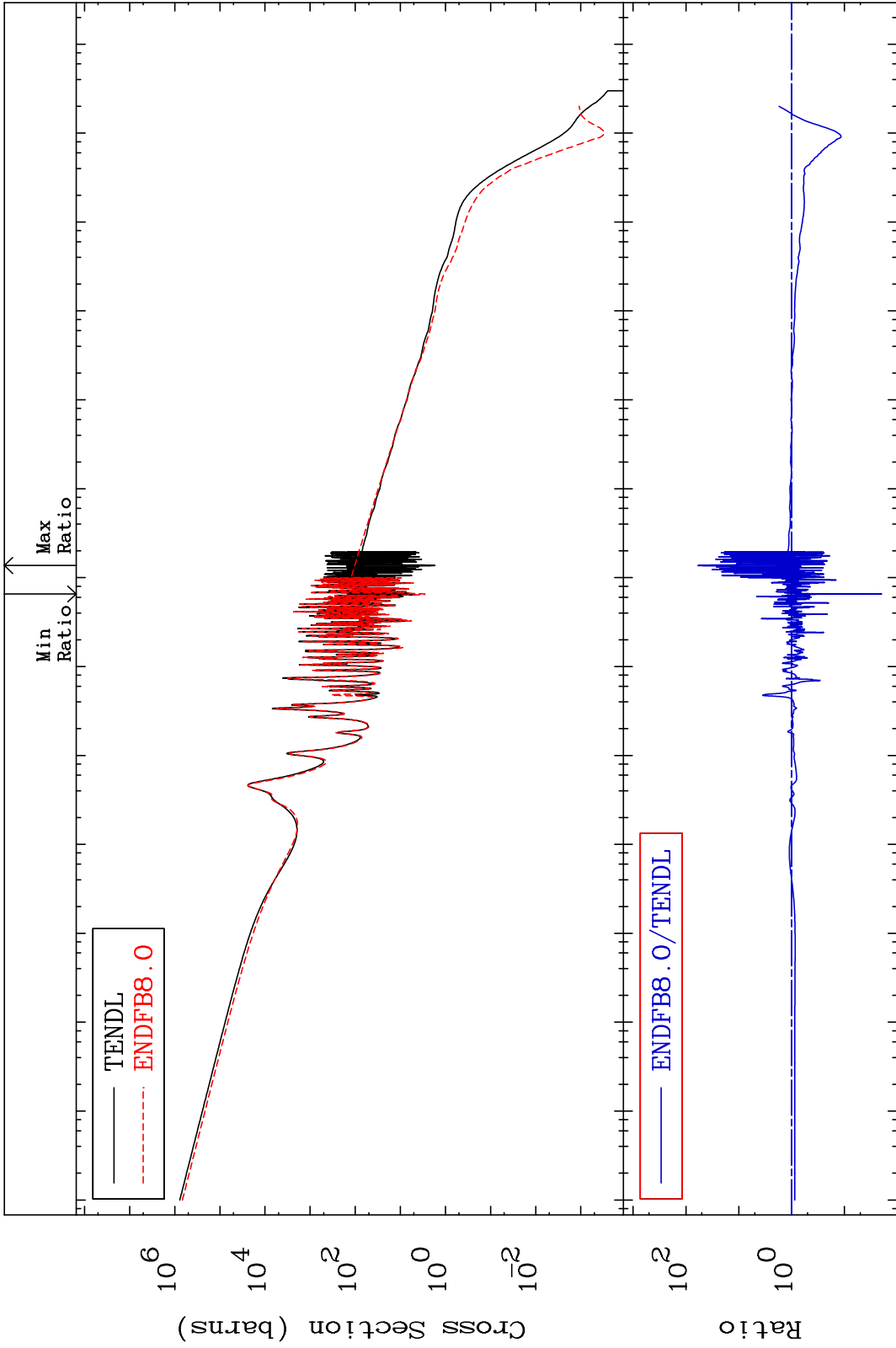
MAT 6325 (n,n') Continuum Cross Section 63-Eu-151 -30.88 To 2155. %



MAT 6325

(n, γ)
Cross Section

63-Eu-151
-98.01 To 5868. %



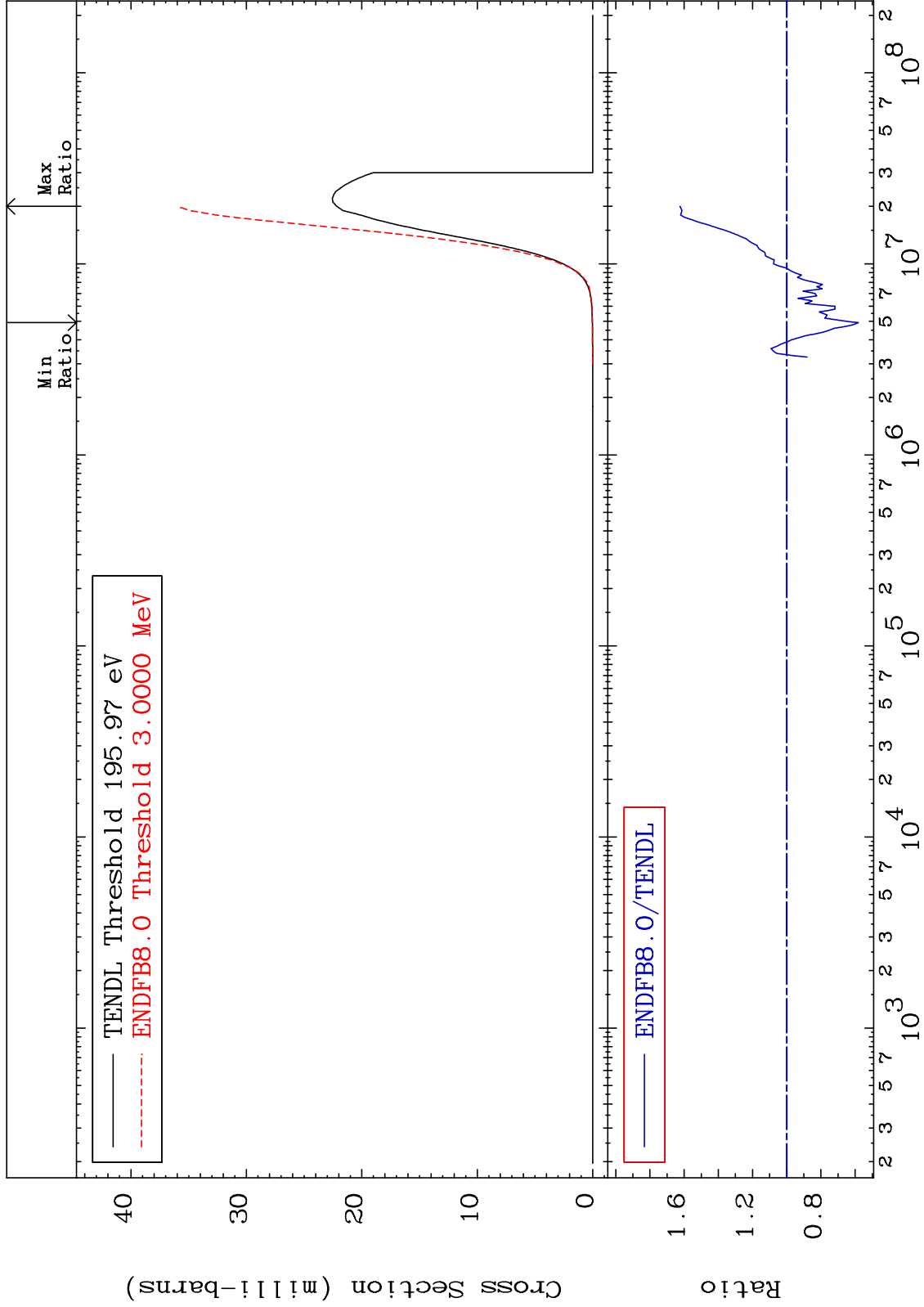
MAT 6325

(n, p)

63-Eu-151

Cross Section

-41.92 To 62.41 %



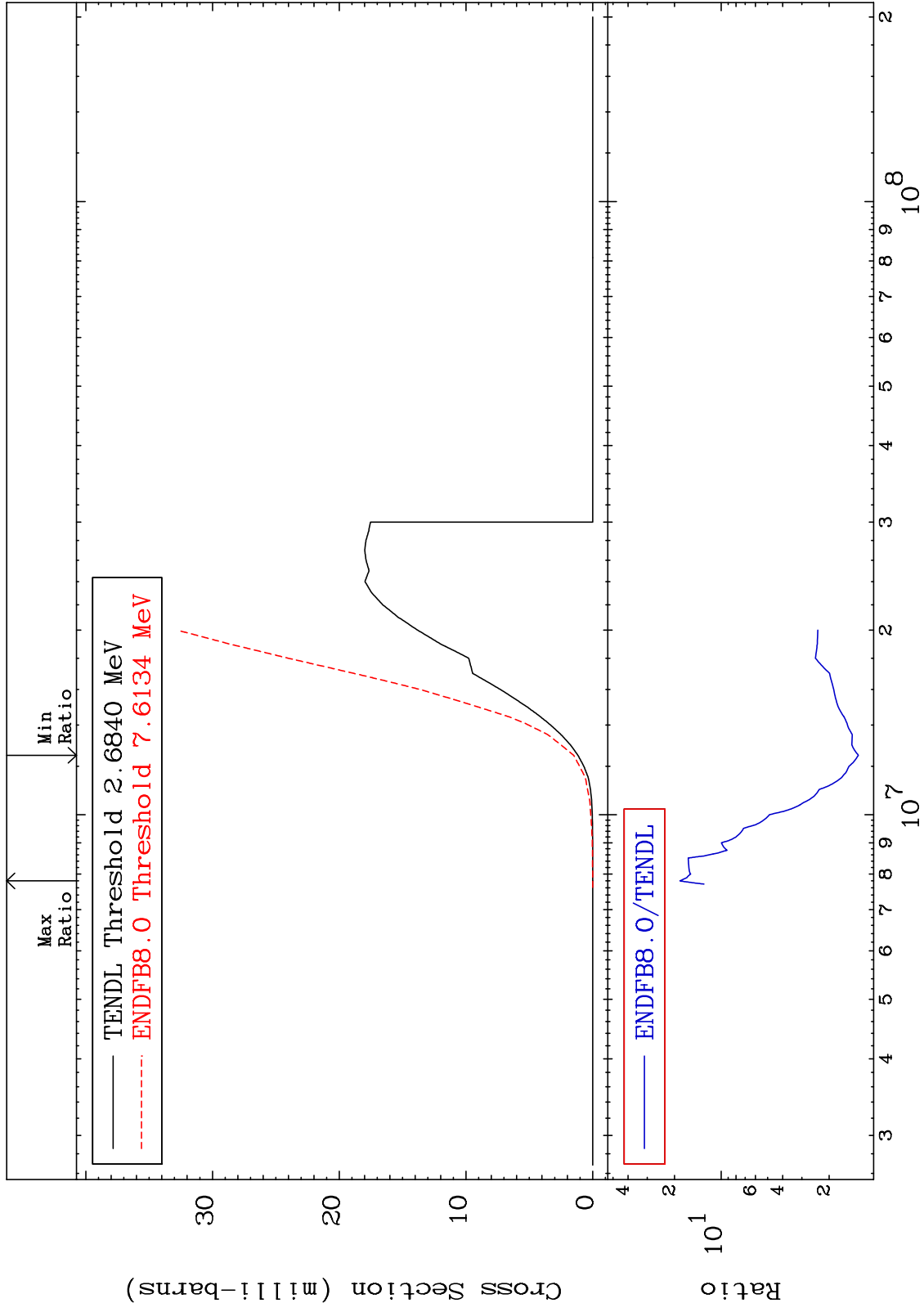
MAT 6325

(n, d)

63-Eu-151

29.47 To 1744. %

Cross Section



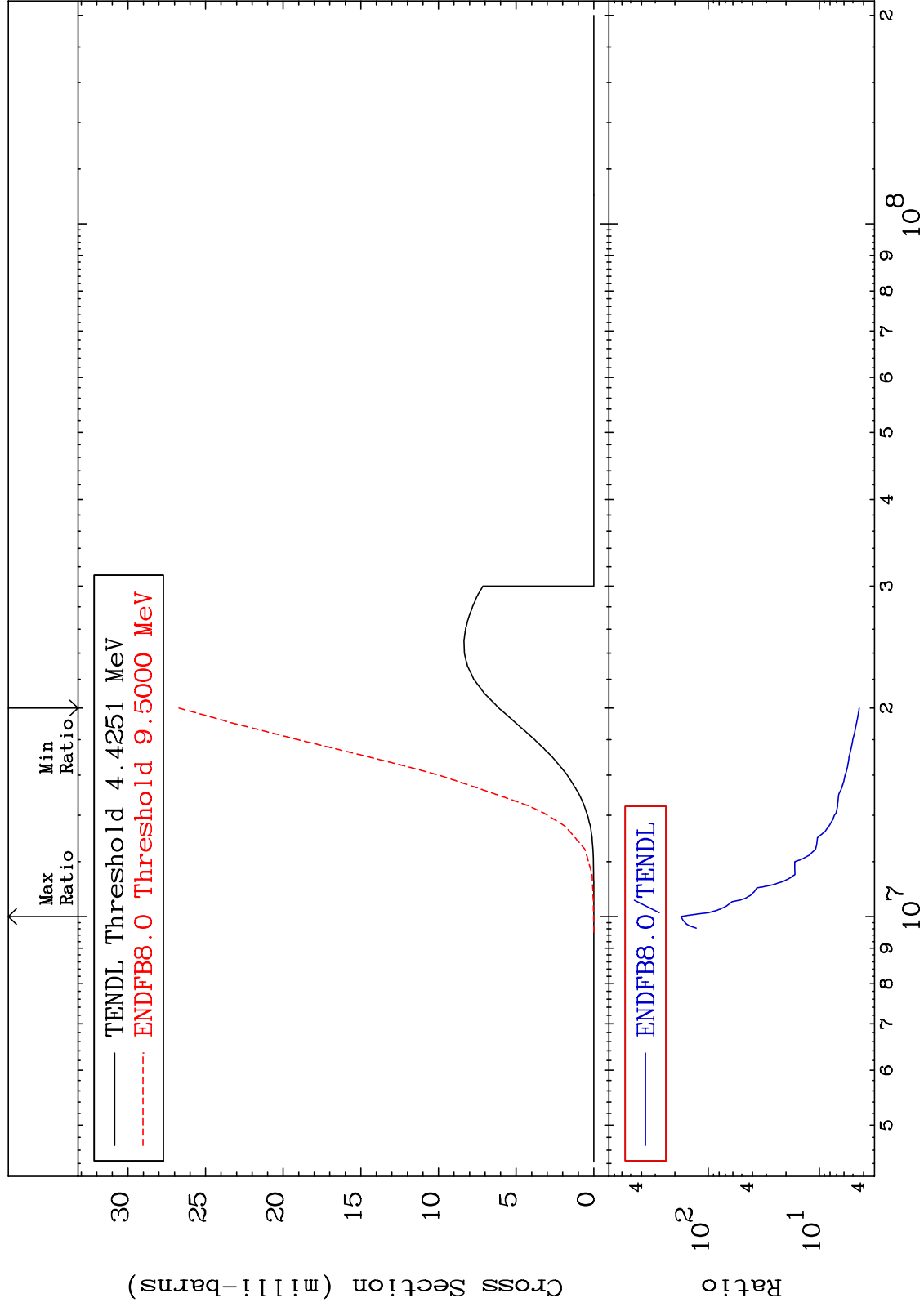
MAT 6325

(n, t)

63-Eu-151

Cross Section

337.2 To 9999. %



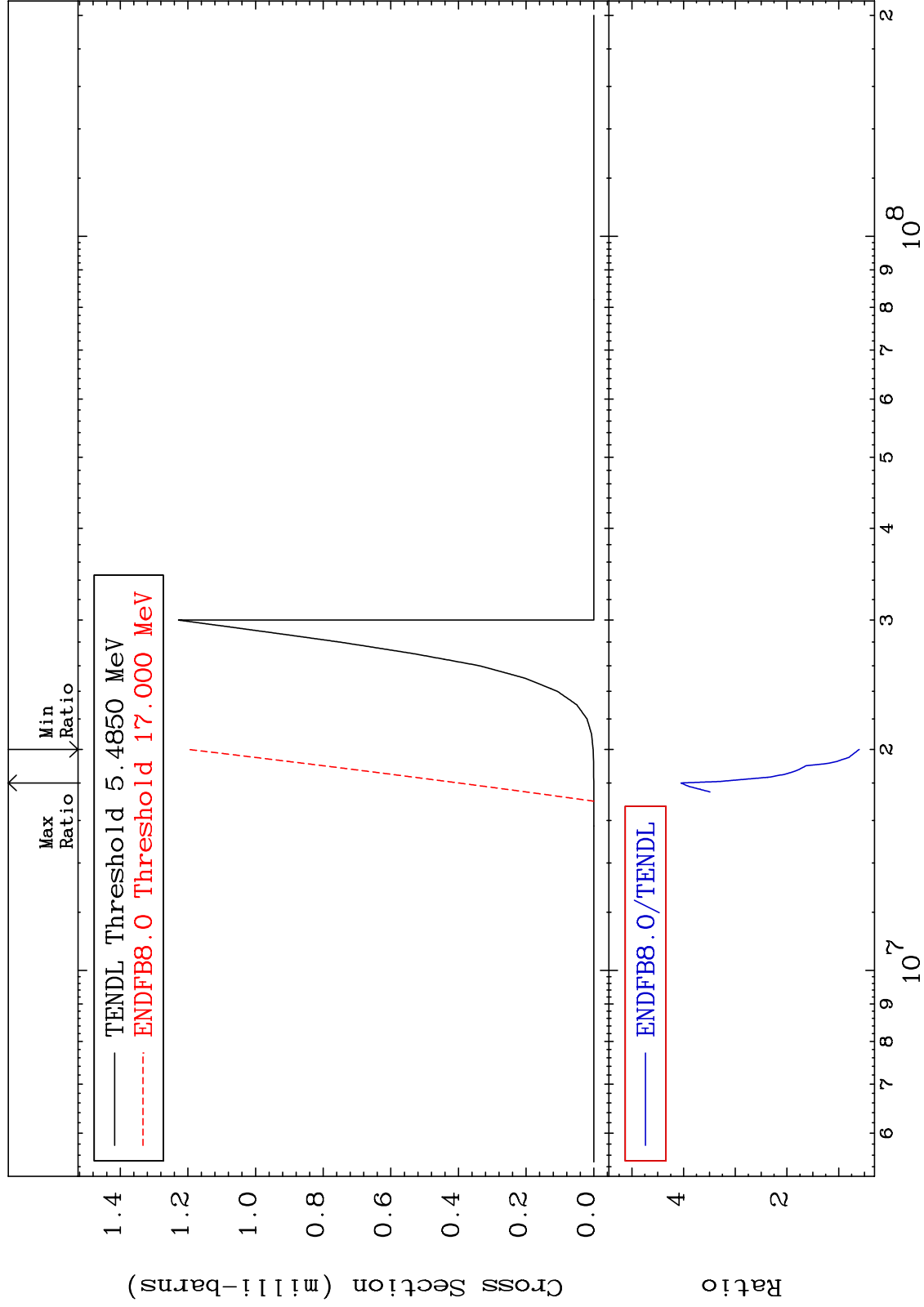
MAT 6325

(n, He-3)

63-Eu-151

Cross Section

9999. To 9999. %



23

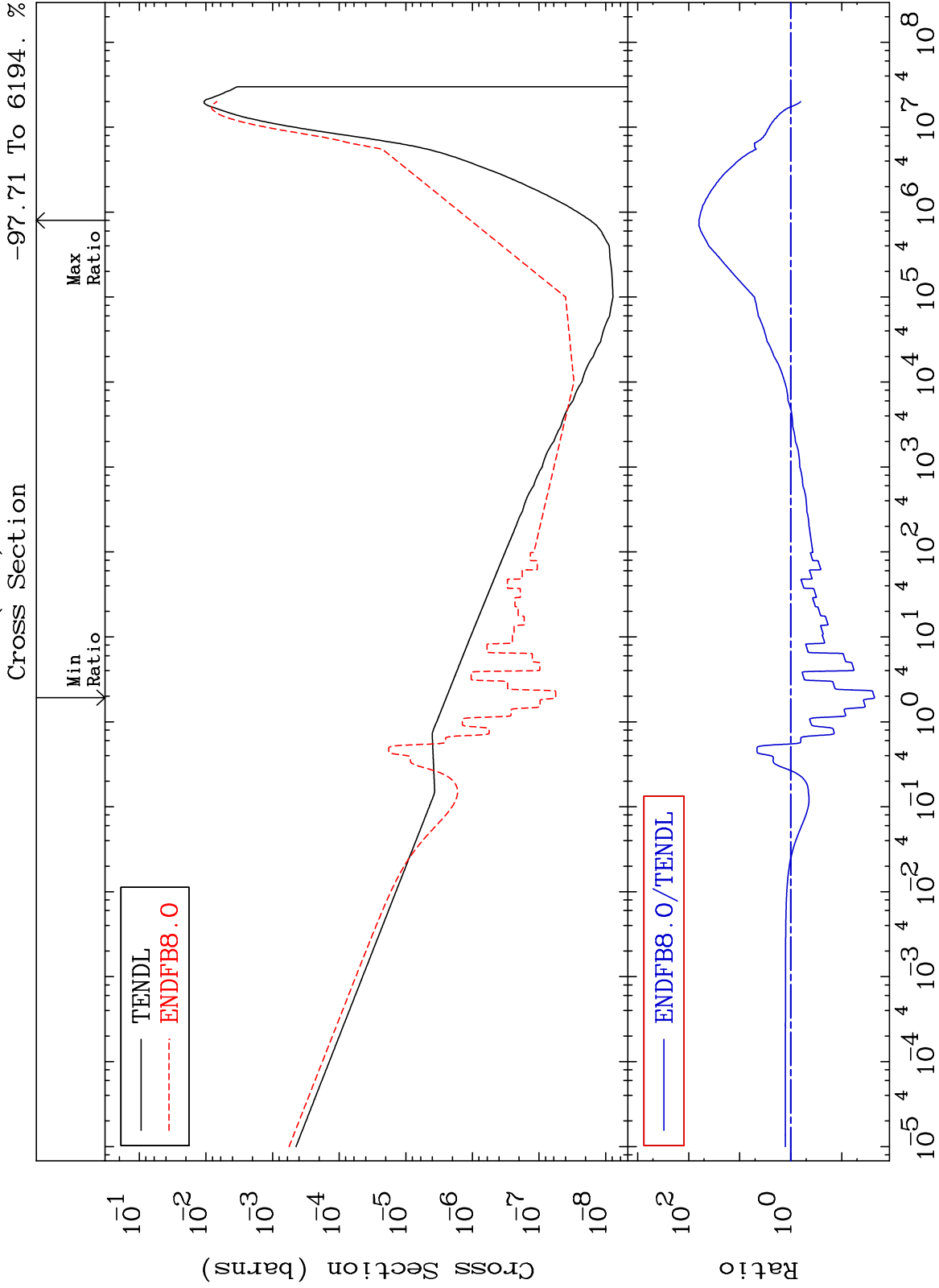
Incident Energy (eV)

63-Eu-151

MAT 6325

(n, α)

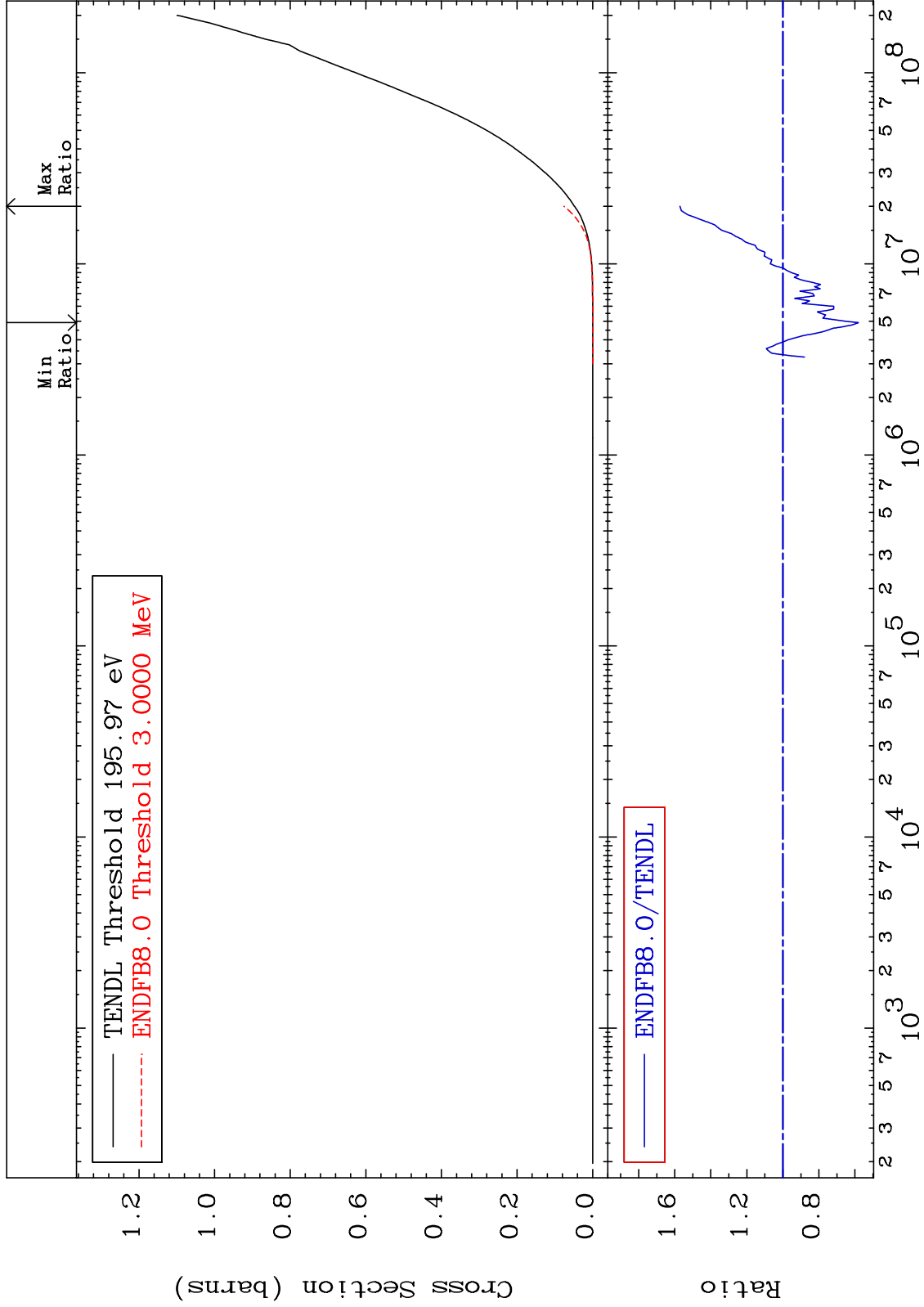
63-Eu-151
-97.71 To 6194. %



MAT 6325

Hydrogen Production
Cross Section

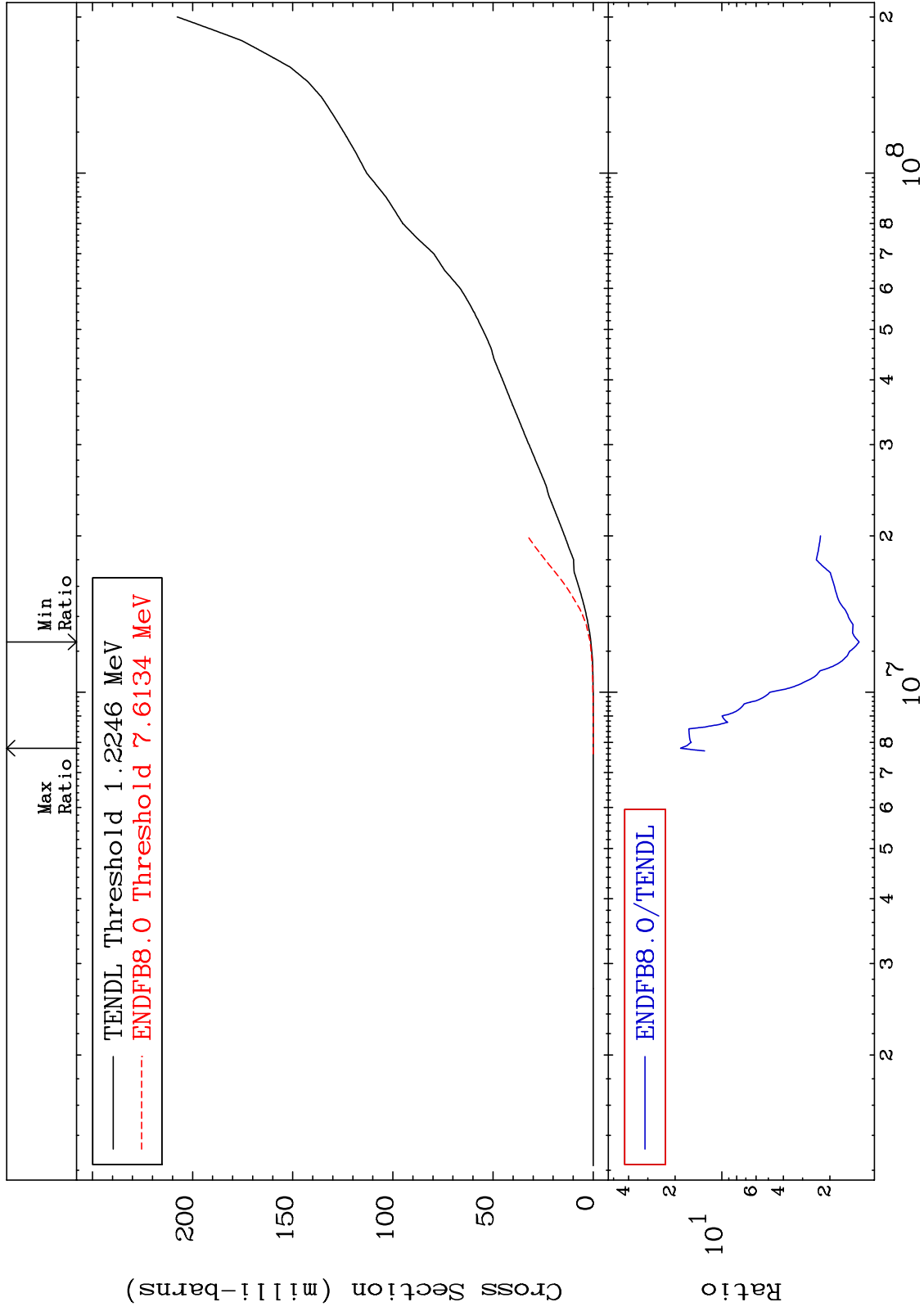
63-Eu-151
-41.92 To 57.08 %



MAT 6325

Deuterium Production
Cross Section

63-Eu-151
29.47 To 1744. %



26

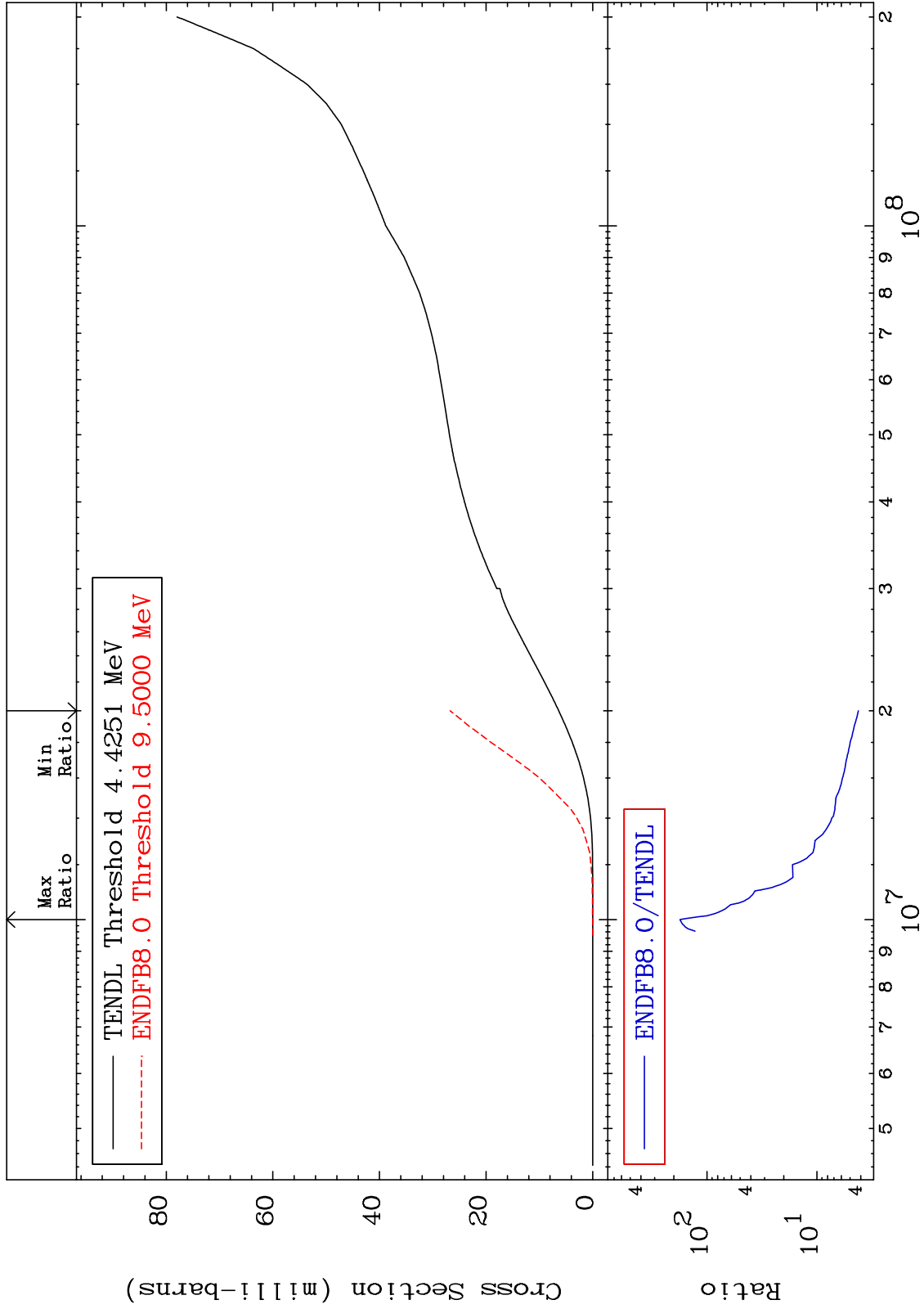
Incident Energy (eV)

63-Eu-151

MAT 6325

Tritium Production
Cross Section

63-Eu-151
319.6 To 9999. %



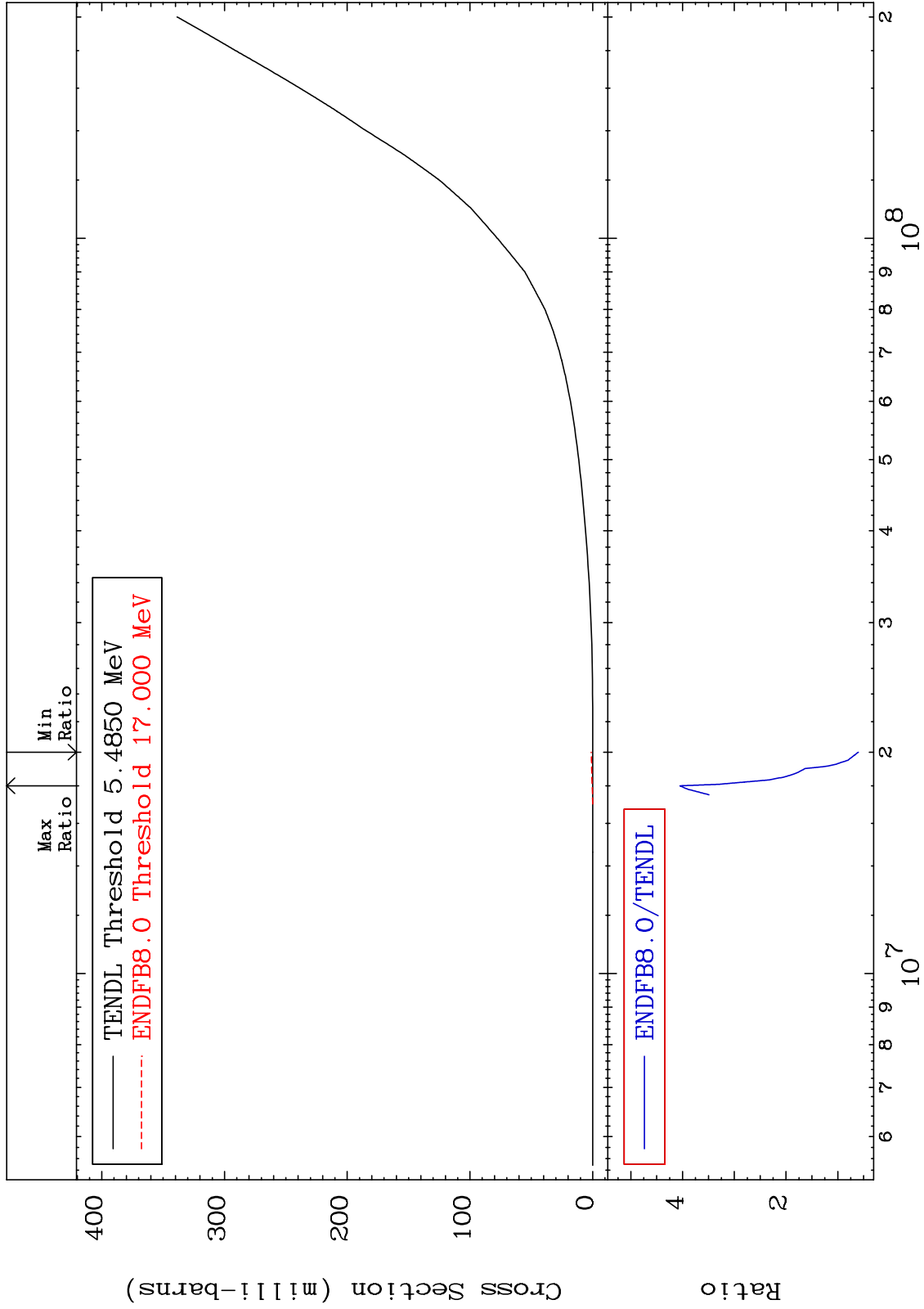
27

63-Eu-151

MAT 6325

He-3 Production
Cross Section

63-Eu-151
9999. To 9999. %



28

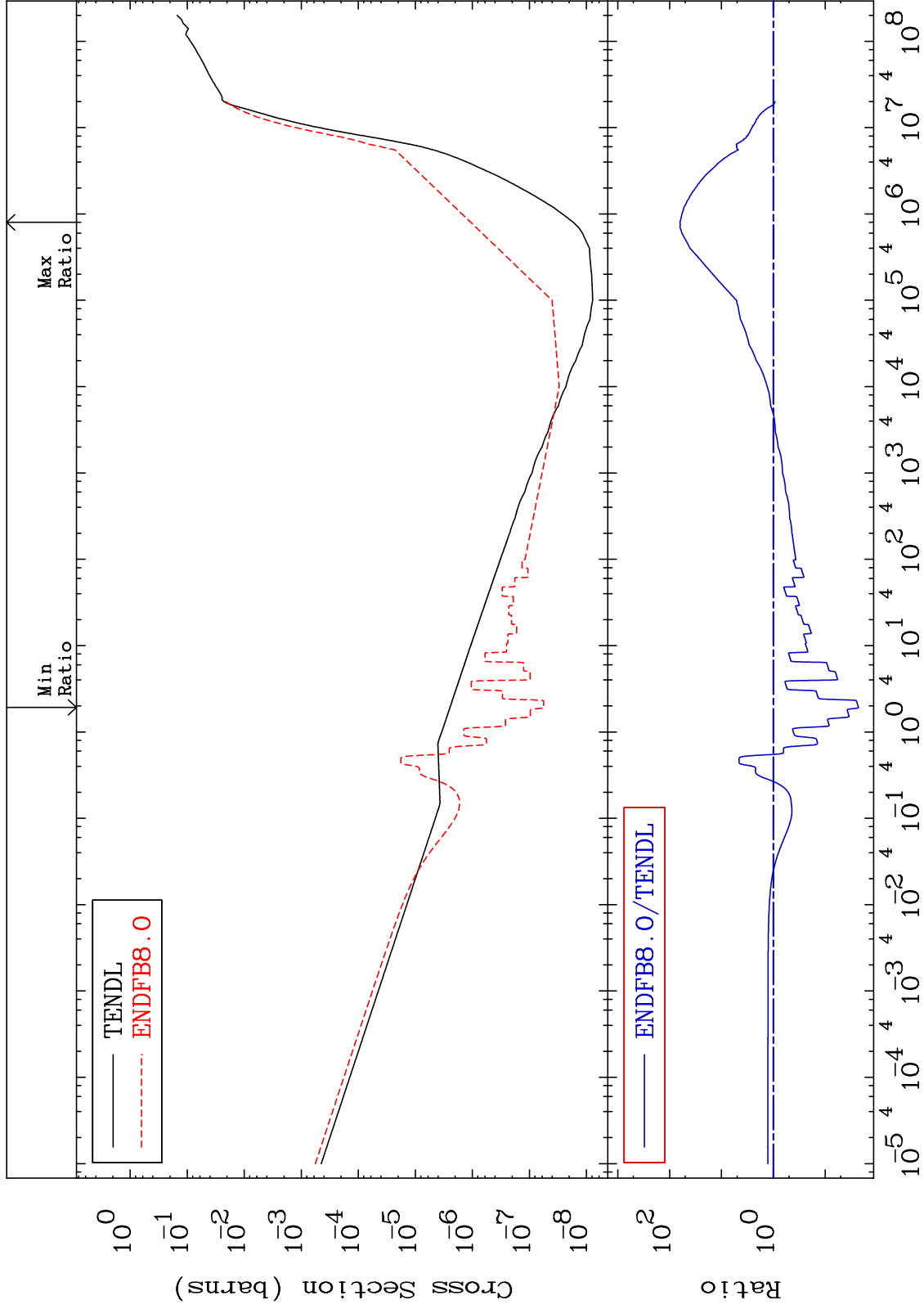
Incident Energy (eV)

63-Eu-151

MAT 6325

He-4 Production
Cross Section

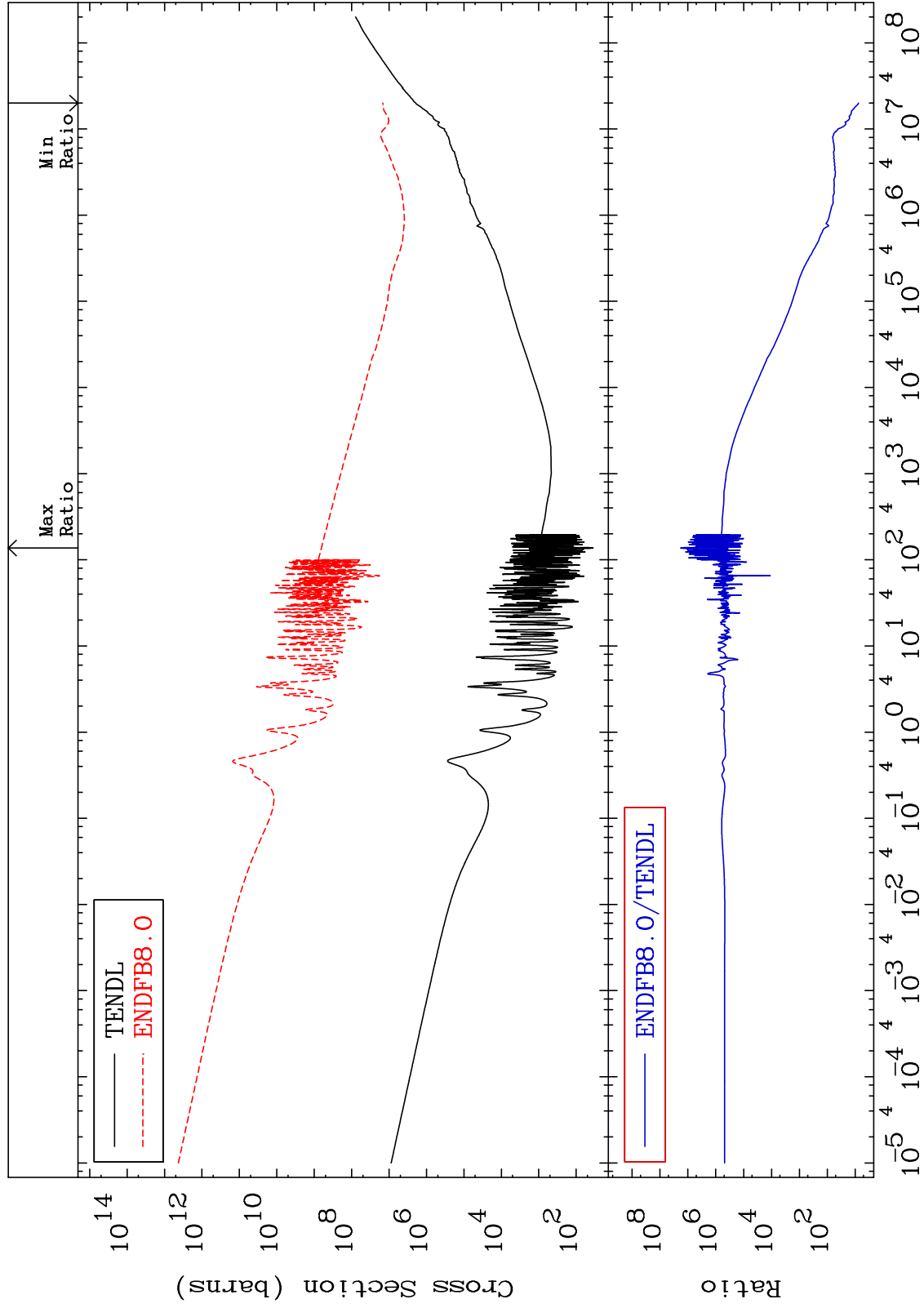
63-Eu-151
-97.71 To 6194. %



MAT 6325

Kerma total (eV-barns)
Cross Section

63-Eu-151
656.4 To 9999. %



30

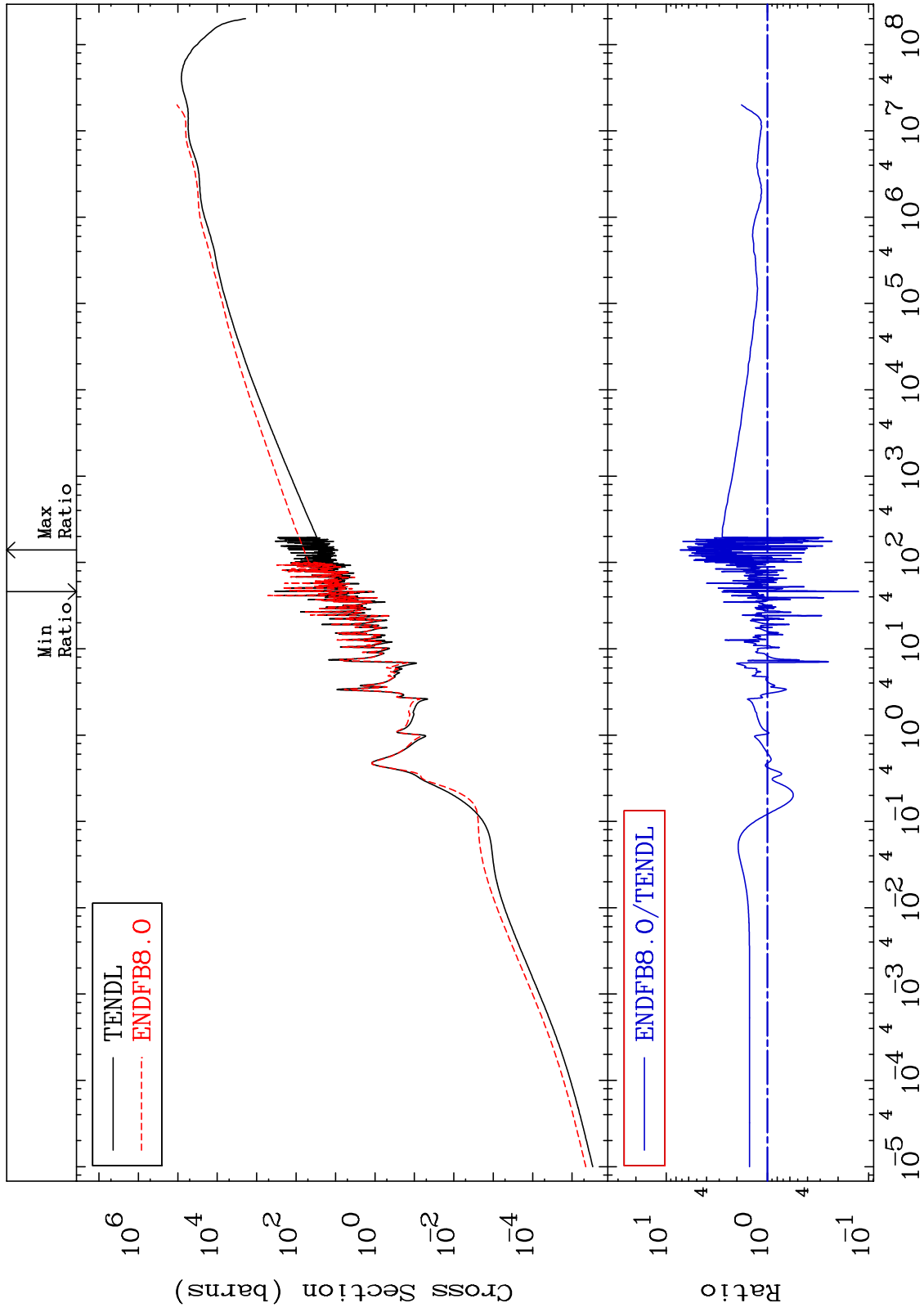
Incident Energy (eV)

63-Eu-151

MAT 6325

Kerma elastic
Cross Section

63-Eu-151
-87.41 To 630.7 %



31

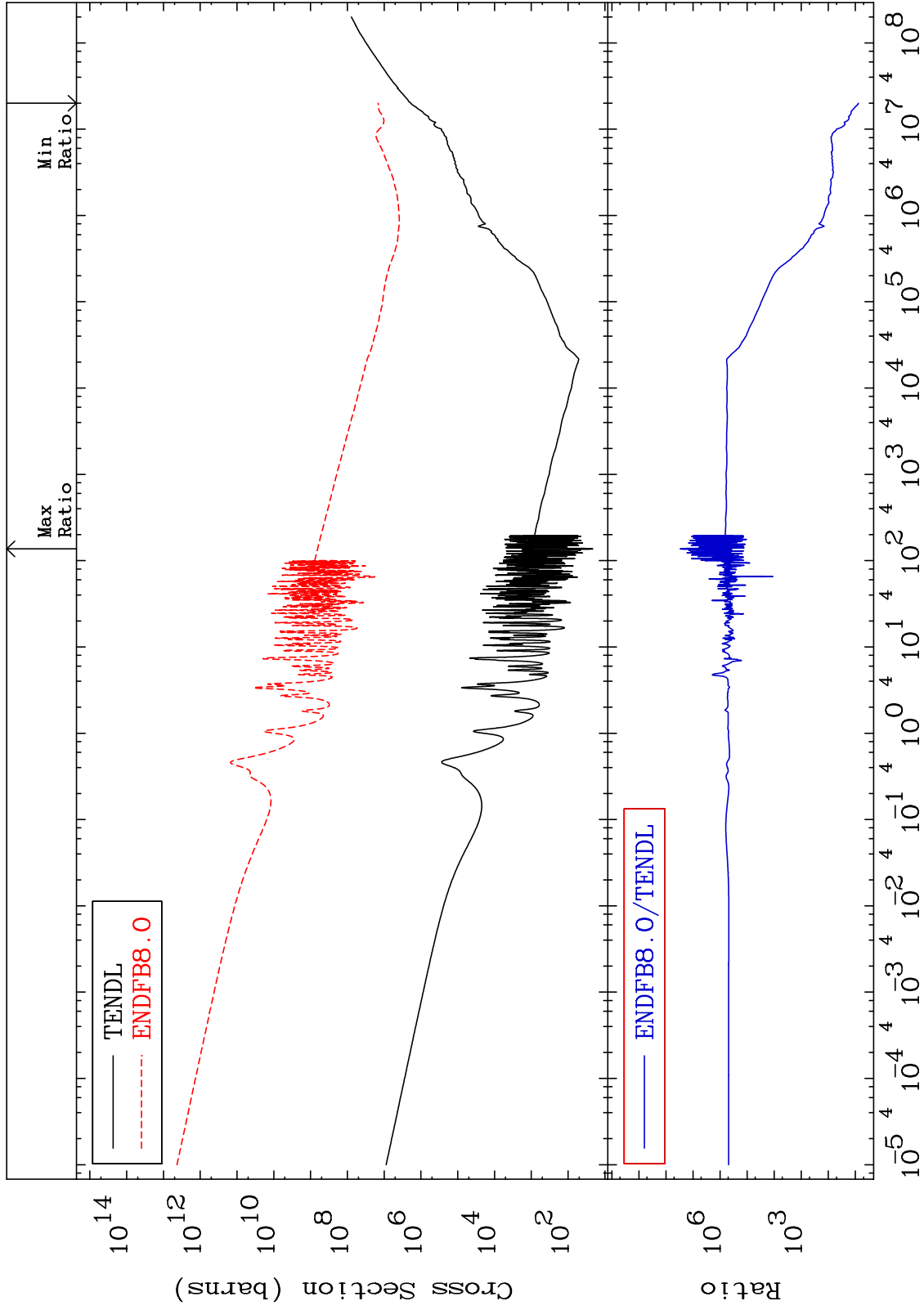
Incident Energy (eV)

63-Eu-151

MAT 6325

Kerma non-elastic (all but mt2)
Cross Section

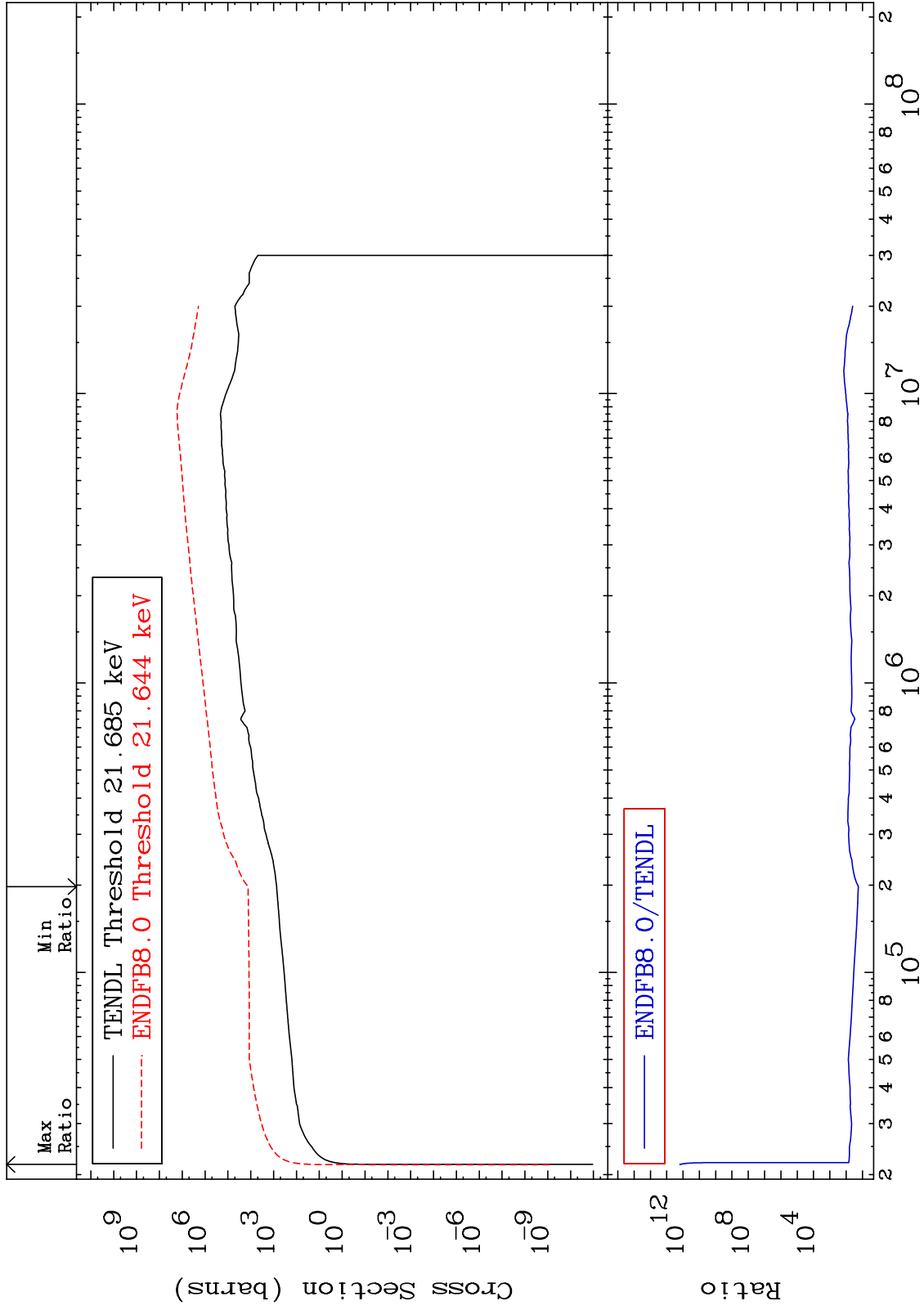
63-Eu-151
674.1 To 9999. %



MAT 6325

Kerma inelastic (mt51-91)
Cross Section

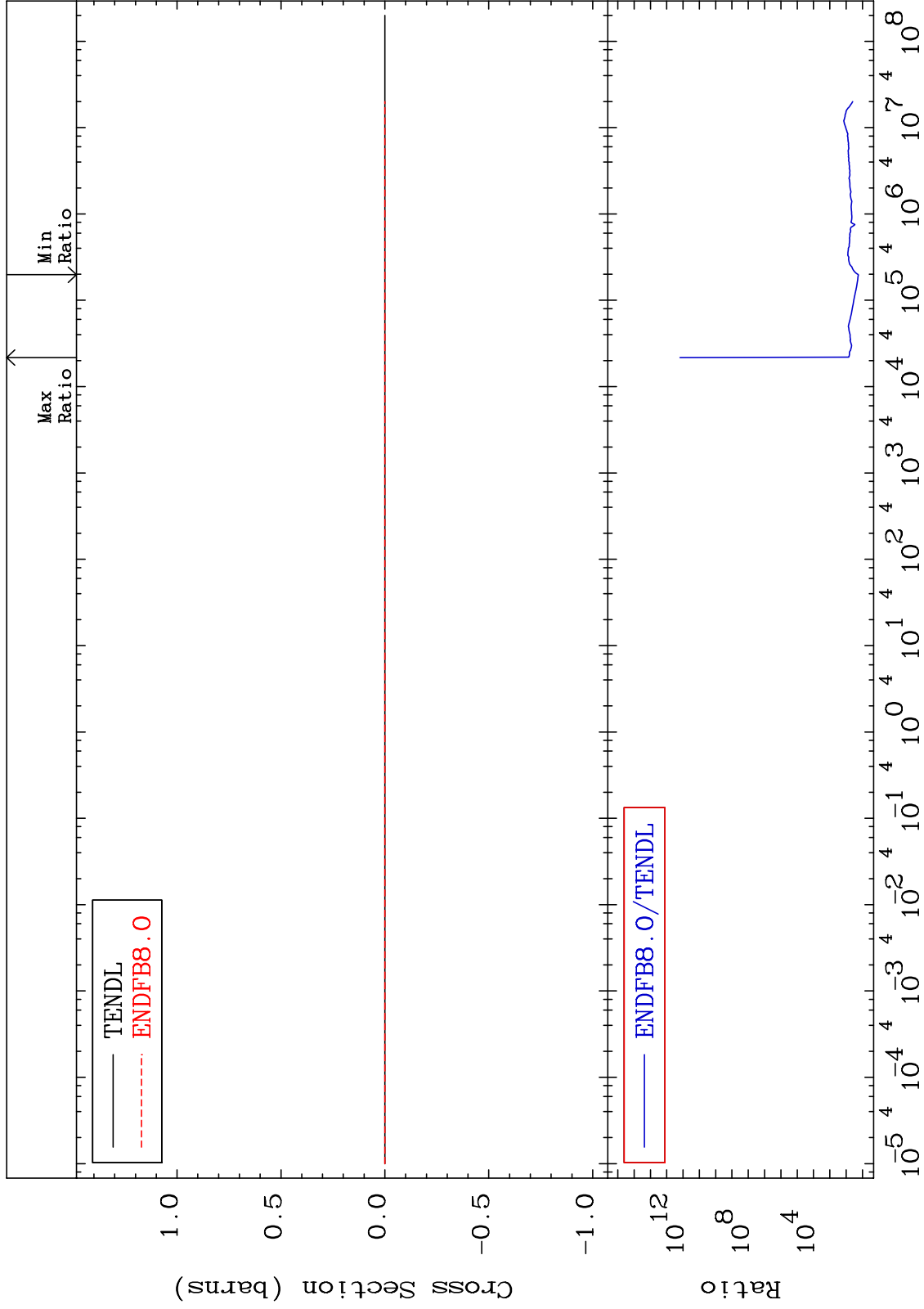
63-Eu-151
1672. To 9999. %



MAT 6325

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

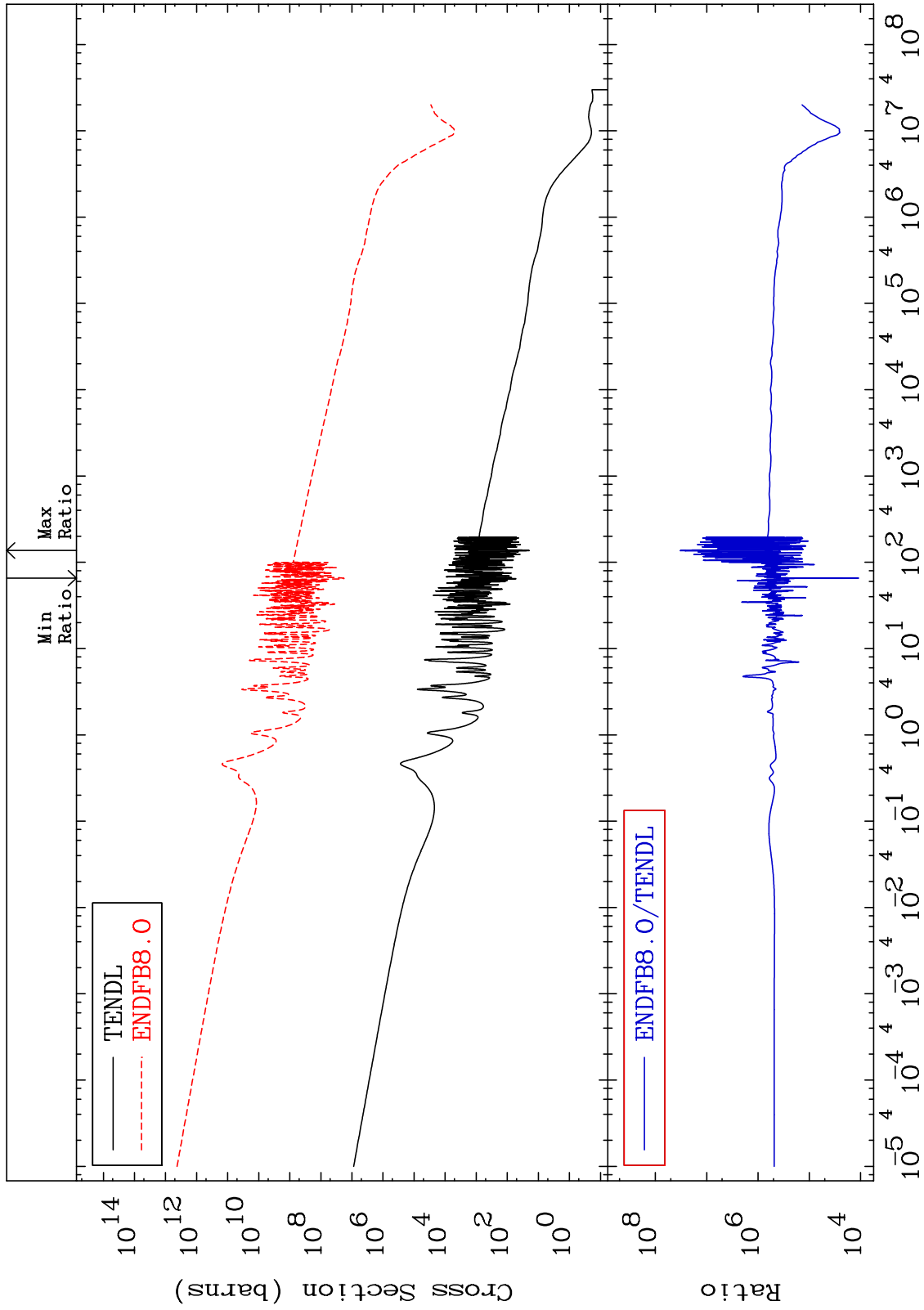
63-Eu-151
1672. To 9999. %



MAT 6325

Kerma capture (mt102)
Cross Section

63-Eu-151
9999. To 9999. %



35

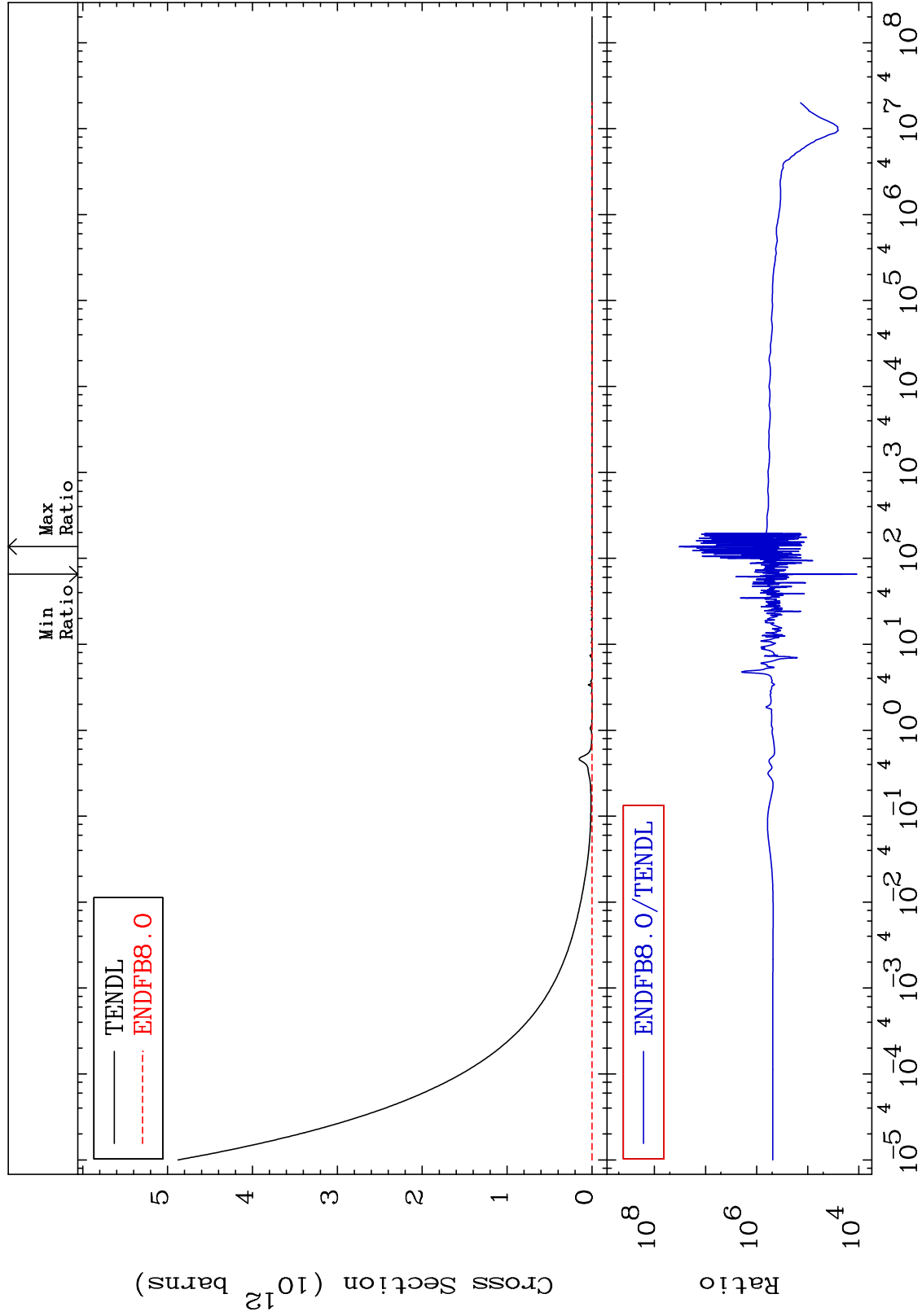
Incident Energy (eV)

63-Eu-151

MAT 6325

Total photon (eV-barns)
Cross Section

63-Eu-151
9999. To 9999. %



36

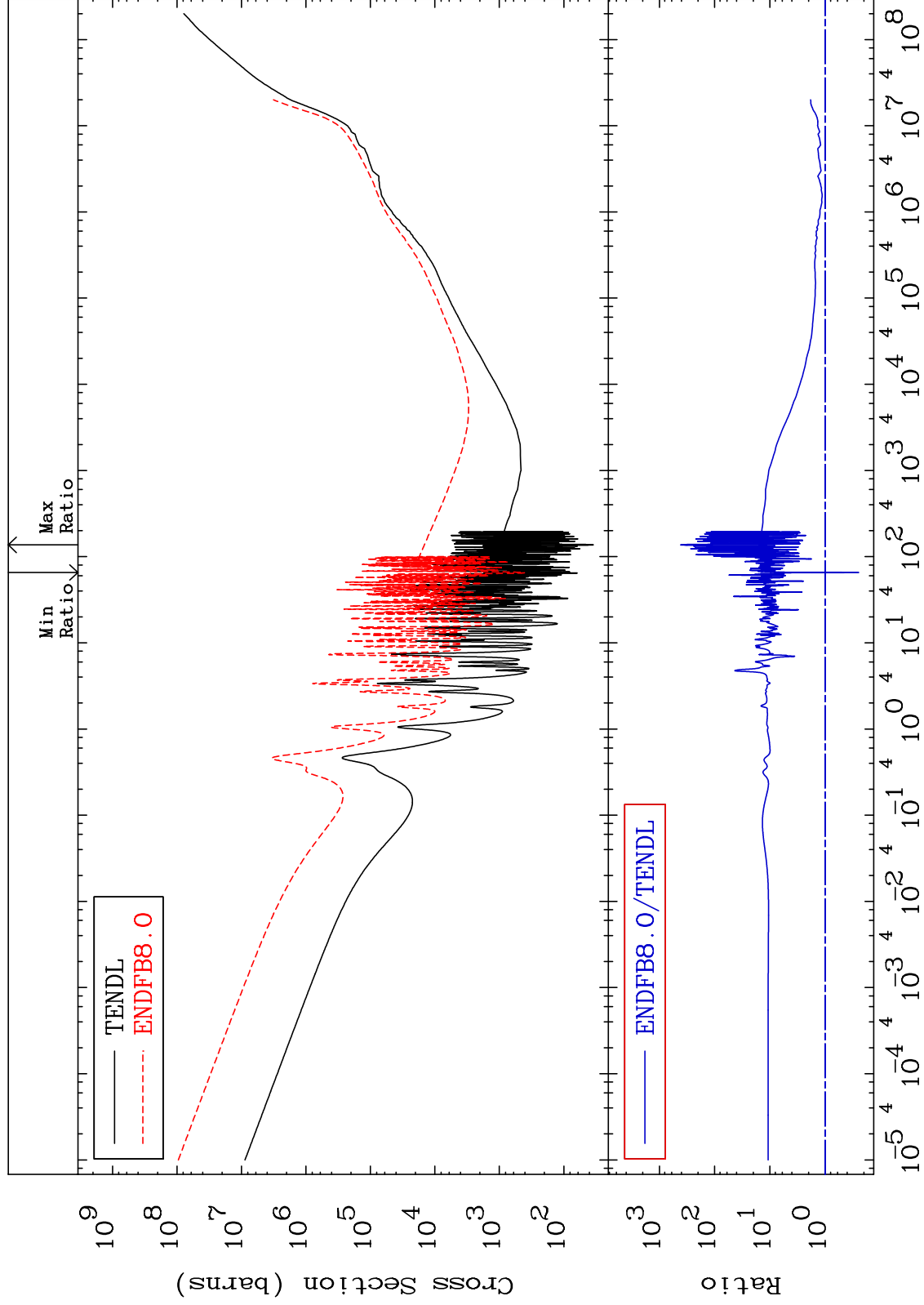
Incident Energy (eV)

63-Eu-151

MAT 6325

Total kinematic kerma (high limit)
Cross Section

63-Eu-151
-75.04 To 9999. %



37

Incident Energy (eV)

63-Eu-151

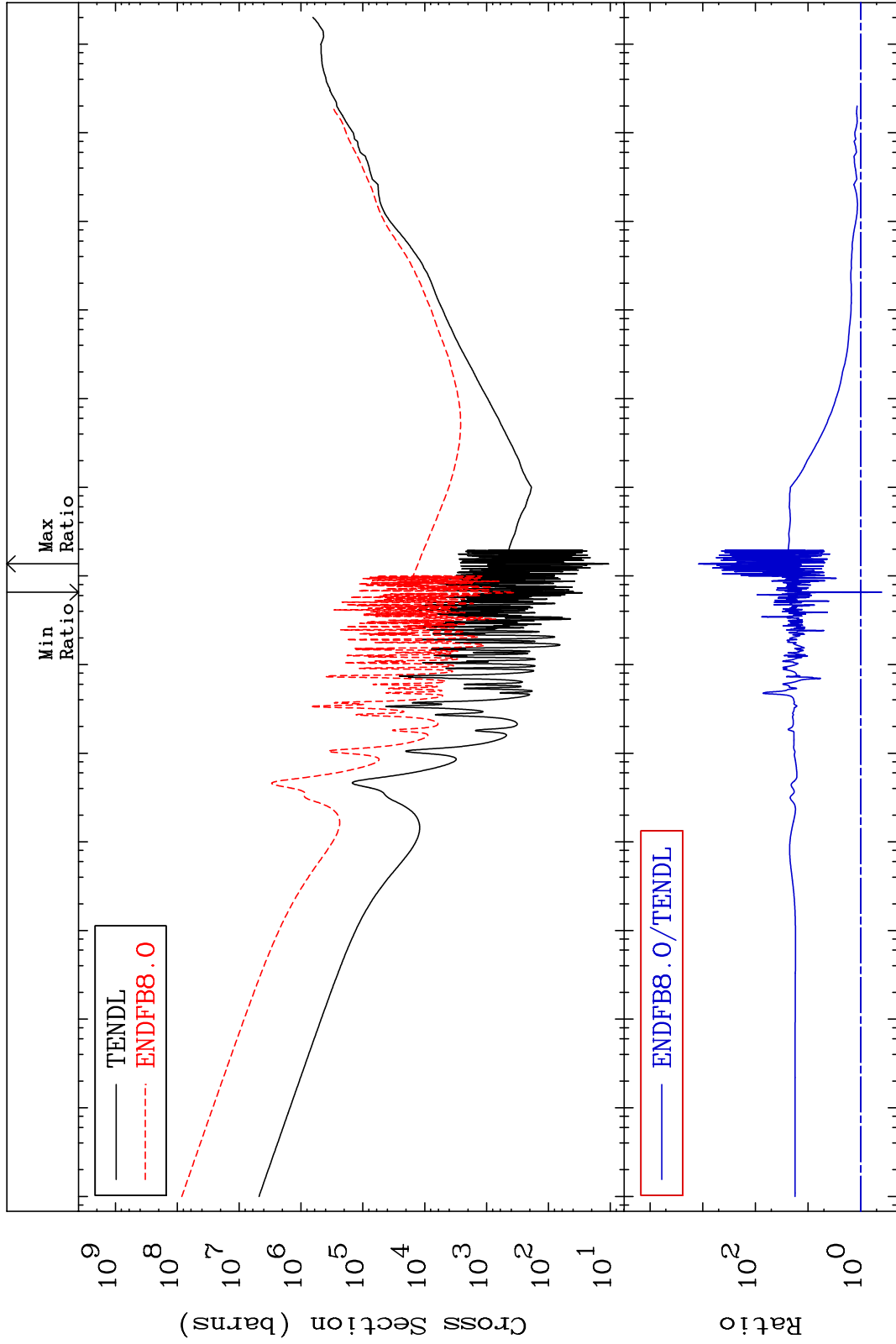
MAT 6325

Dpa total (eV-barns)

63-Eu-151

-59.65 To 9999. %

Cross Section



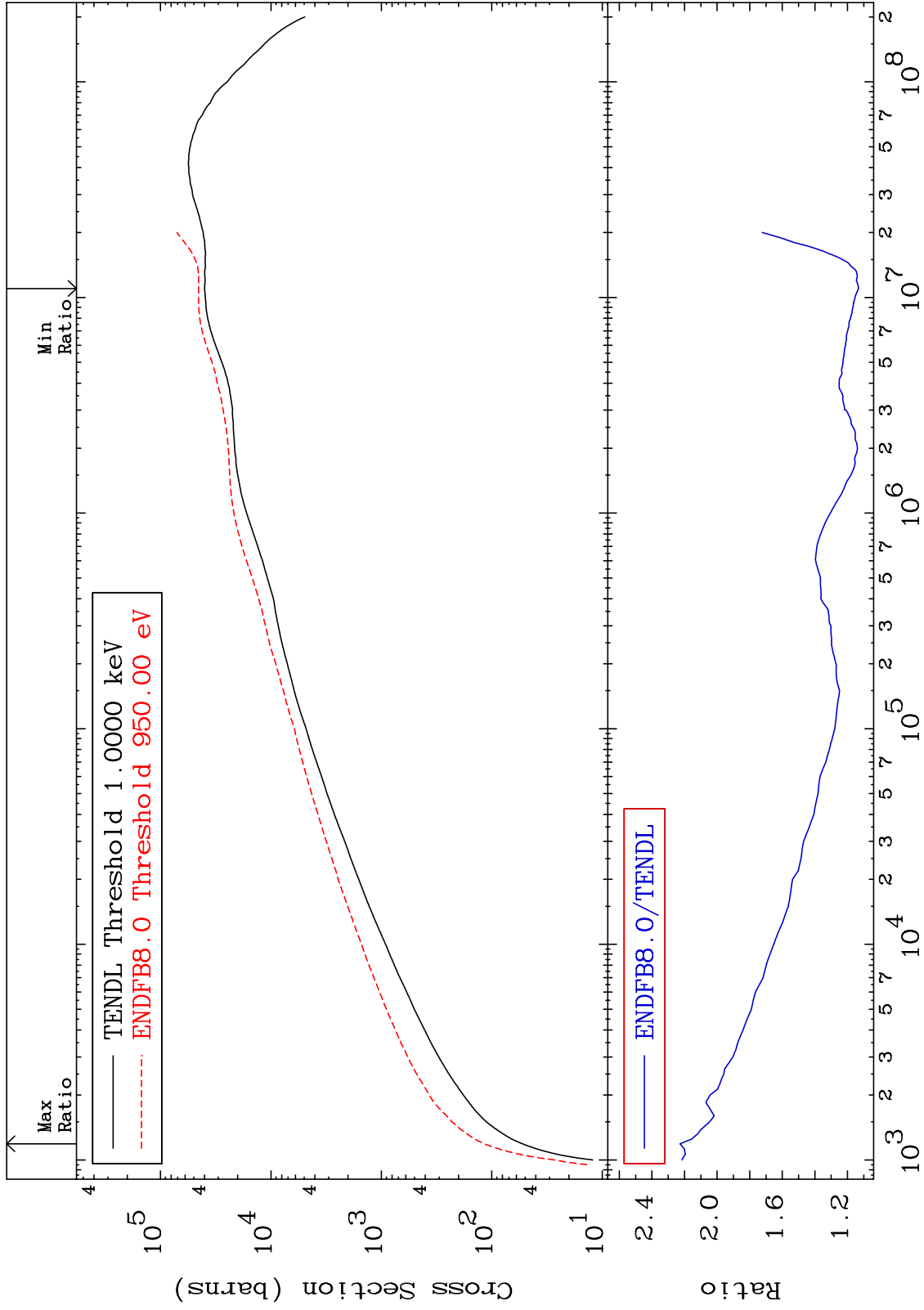
Incident Energy (eV)

63-Eu-151

MAT 6325

Dpa elastic (mt2)
Cross Section

63-Eu-151
13.30 To 122.7 %



39

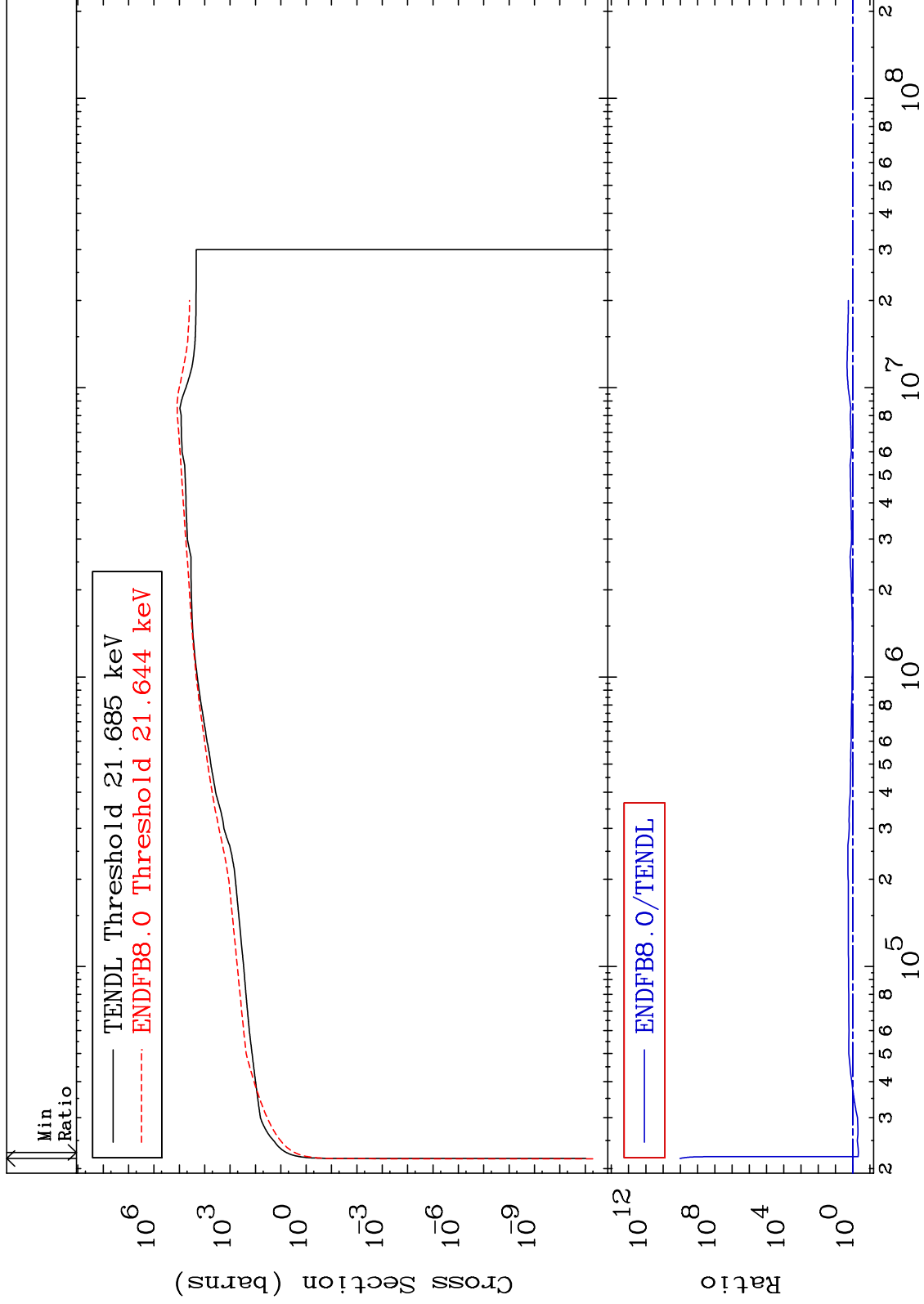
63-Eu-151

63-Eu-151

MAT 6325

Dpa inelastic (mt51-91)
Cross Section

63-Eu-151
-53.12 To 9999. %



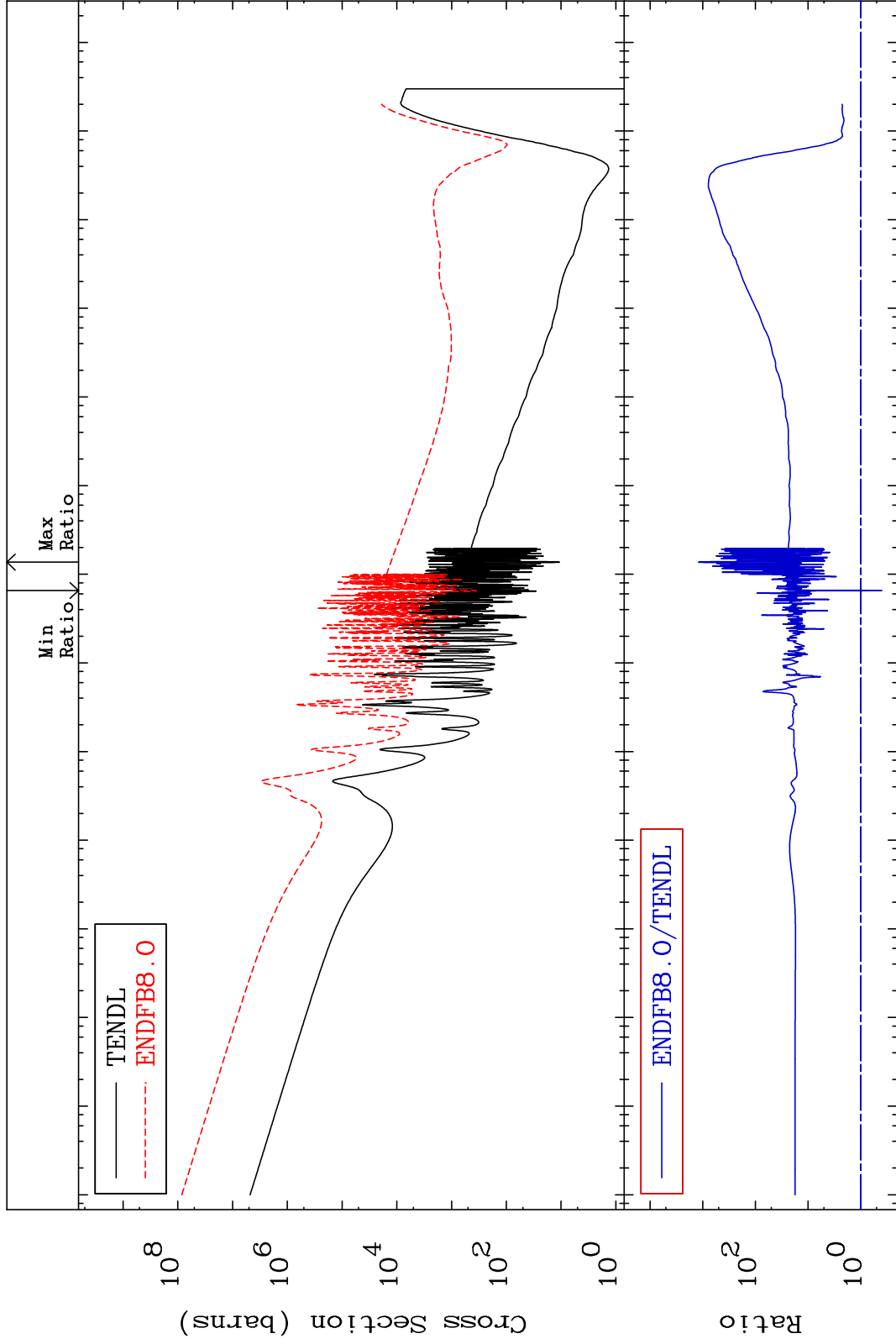
MAT 6325

Dpa disappearance (mt102 -120)

63-Eu-151

-59.65 To 9999. %

Cross Section



Incident Energy (eV) 63-Eu-151