

Program Complot
(Version 2018-1)

by

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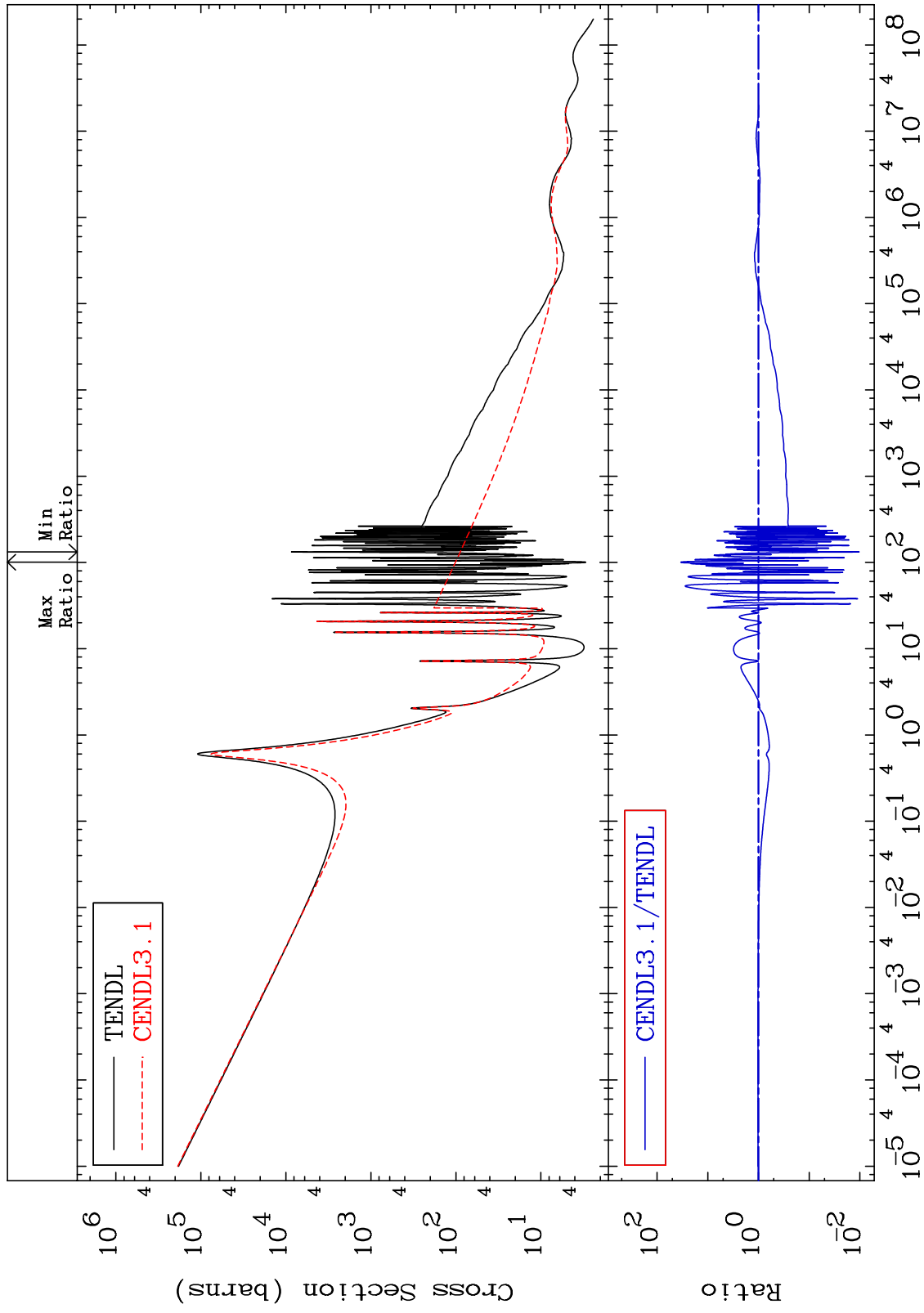
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6337

Total
Cross Section

63-Eu-155
-98.96 To 3328. %



1

Incident Energy (eV)

63-Eu-155

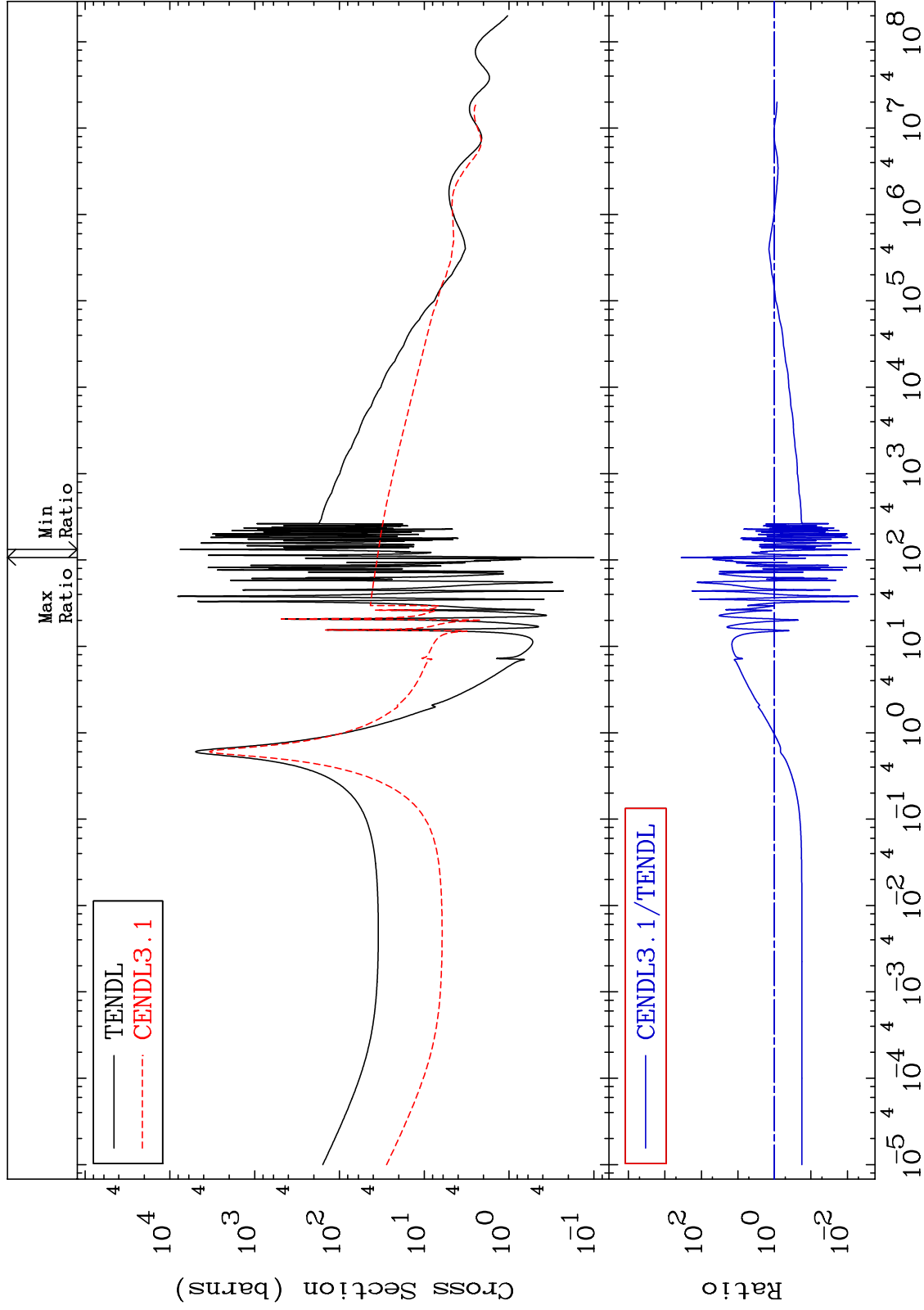
MAT 6337

Elastic

63-Eu-155

Cross Section

-99.54 To 9999. %



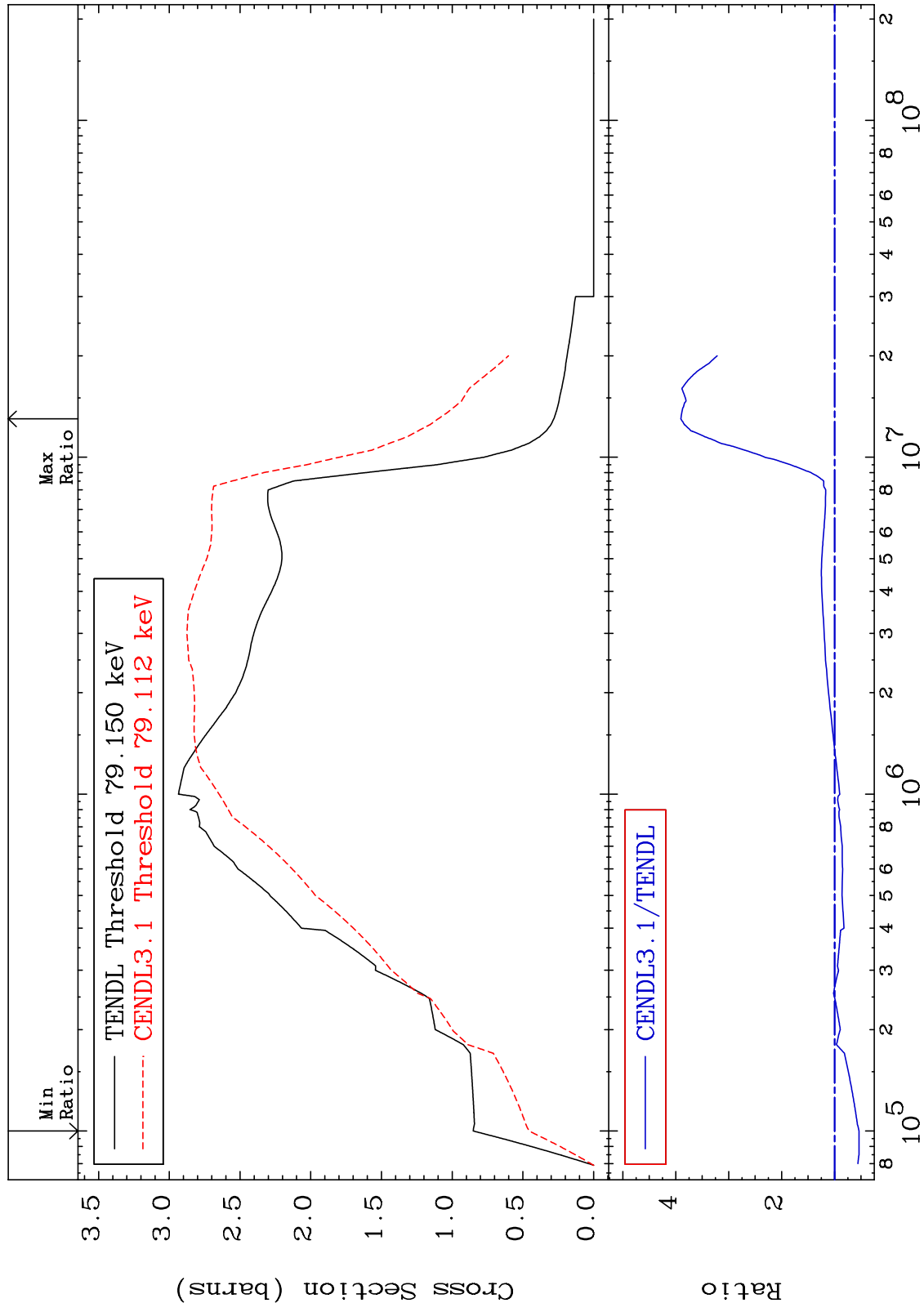
2

Incident Energy (eV)

63-Eu-155

MAT 6337 63-Eu-155 -46.26 To 290.4 %

Inelastic Cross Section



3

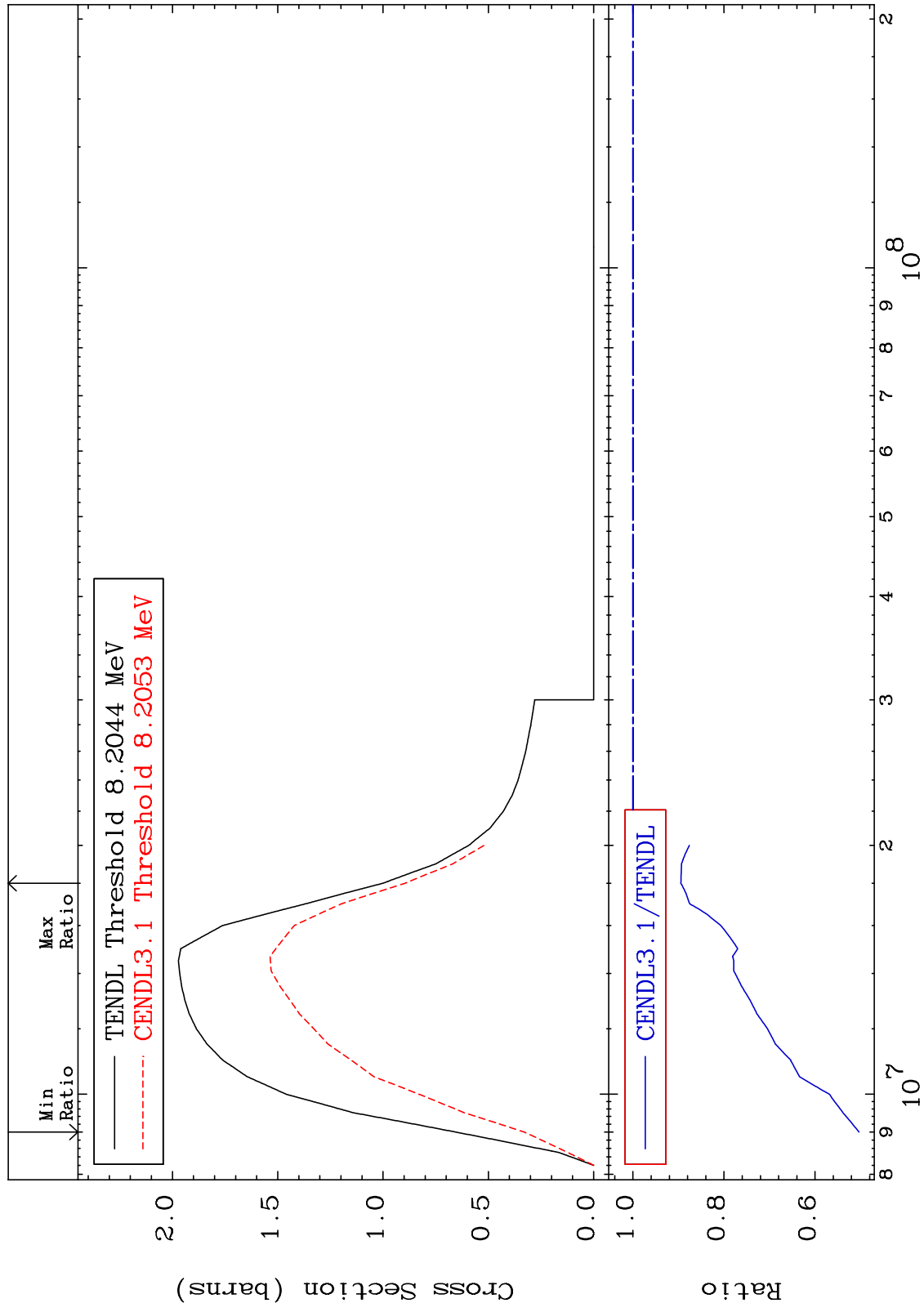
MAT 6337

(n,2n)

63-Eu-155

Cross Section

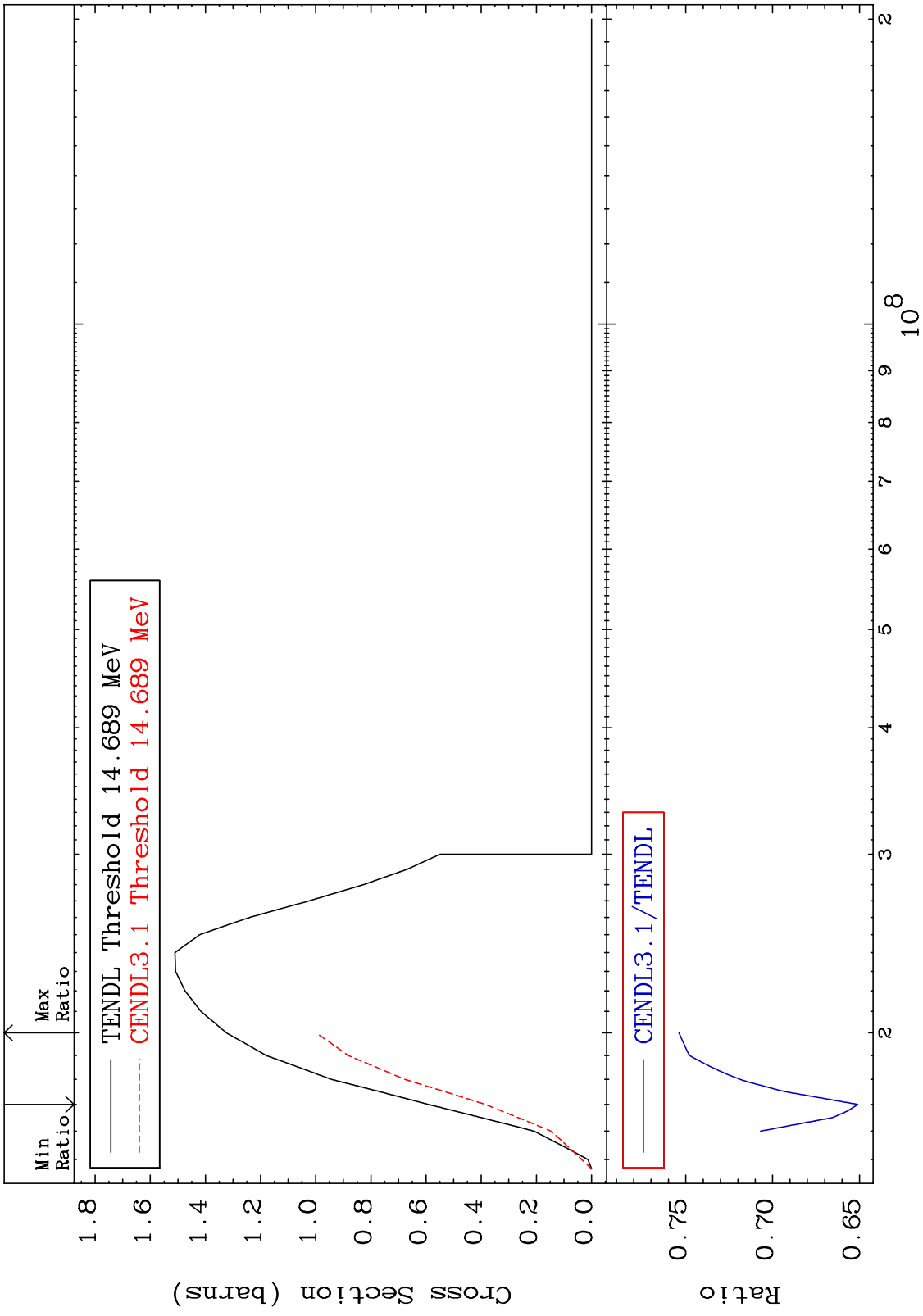
-49.67 To -10.52%



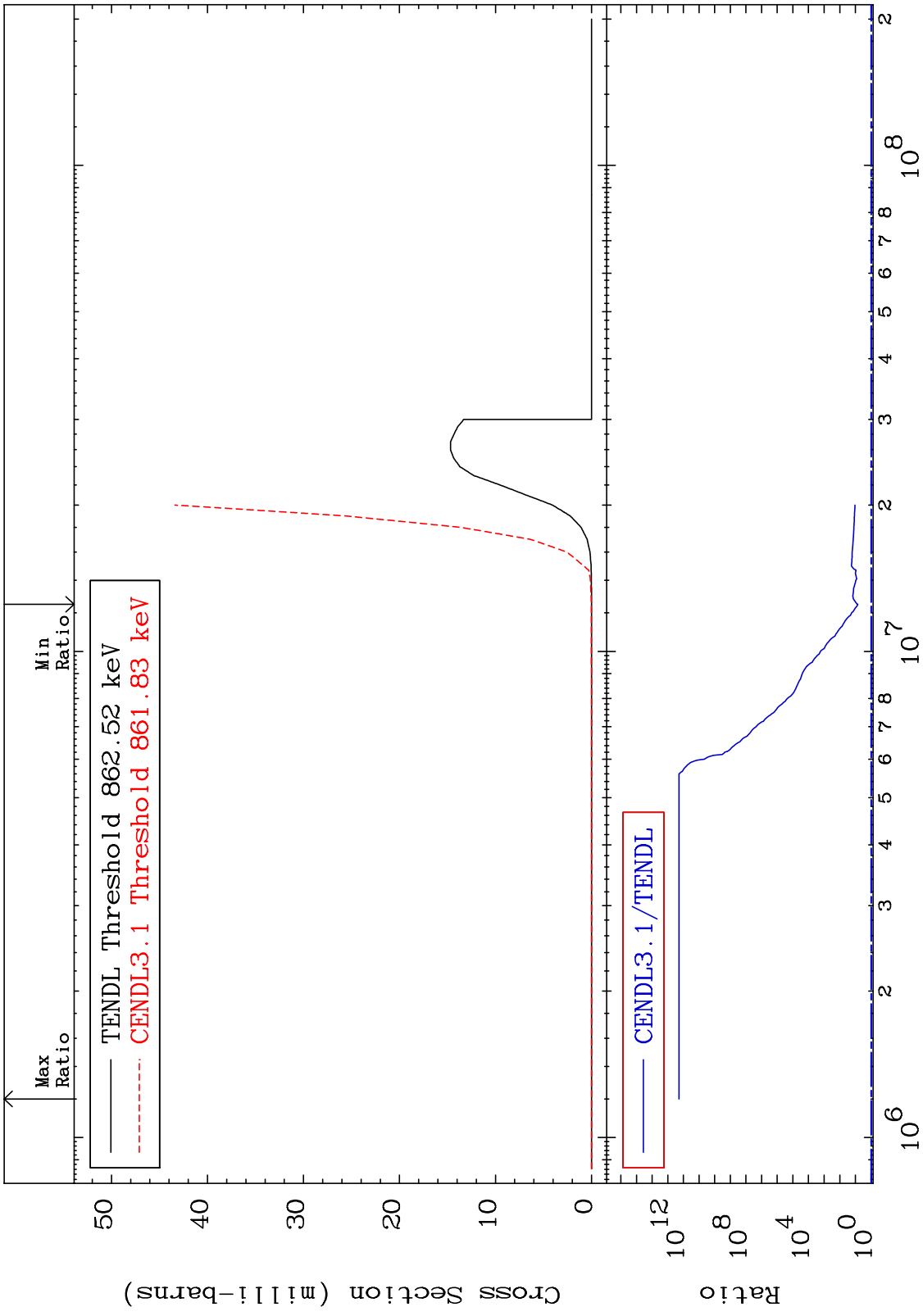
4

Incident Energy (eV)

63-Eu-155

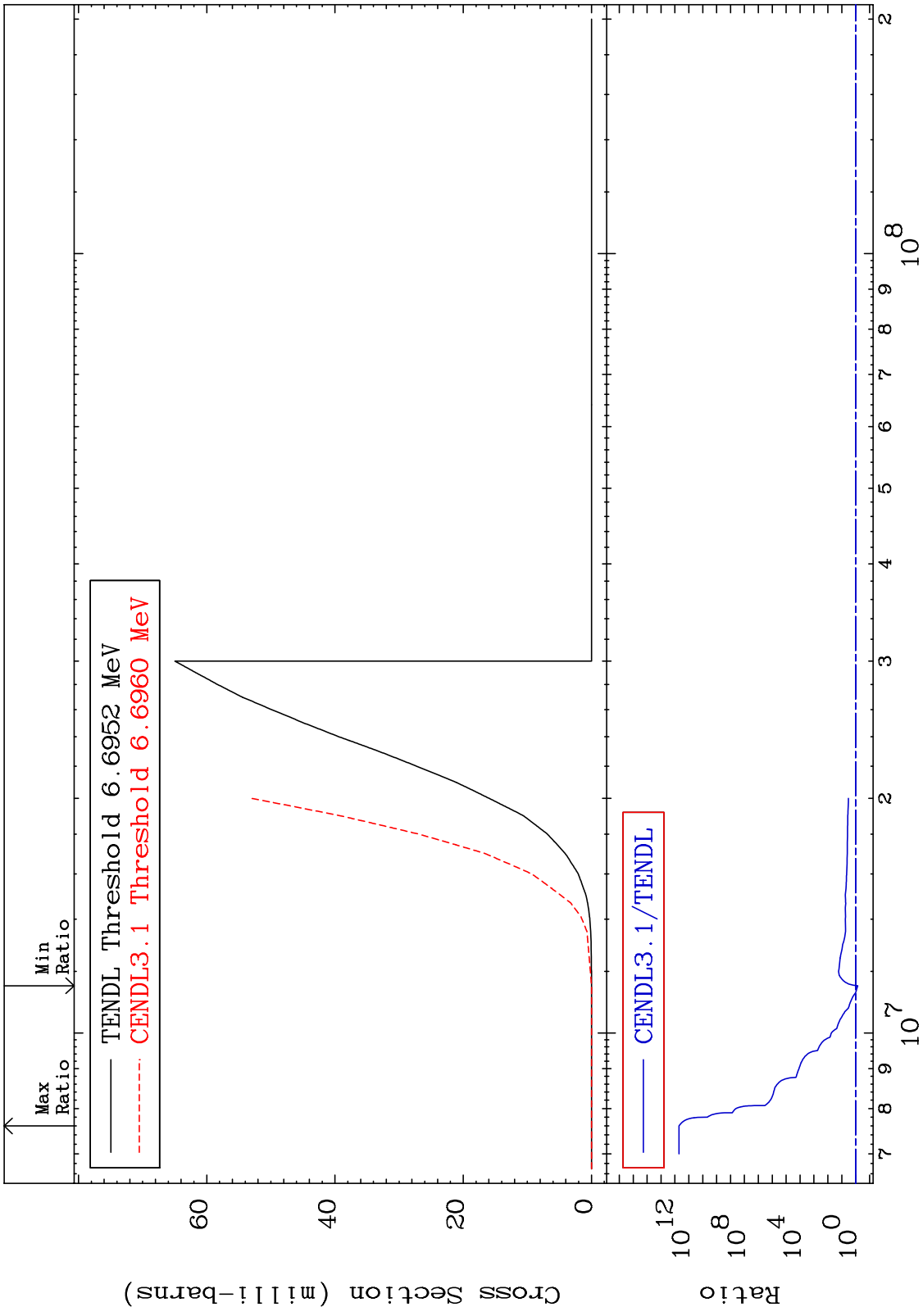


MAT 6337 $(n, n') \alpha$ 63-Eu-155
 Cross Section 598.4 To 9999. %



63-Eu-155

MAT 6337 (n,n') p 63-Eu-155
 Cross Section -30.27 To 9999. %

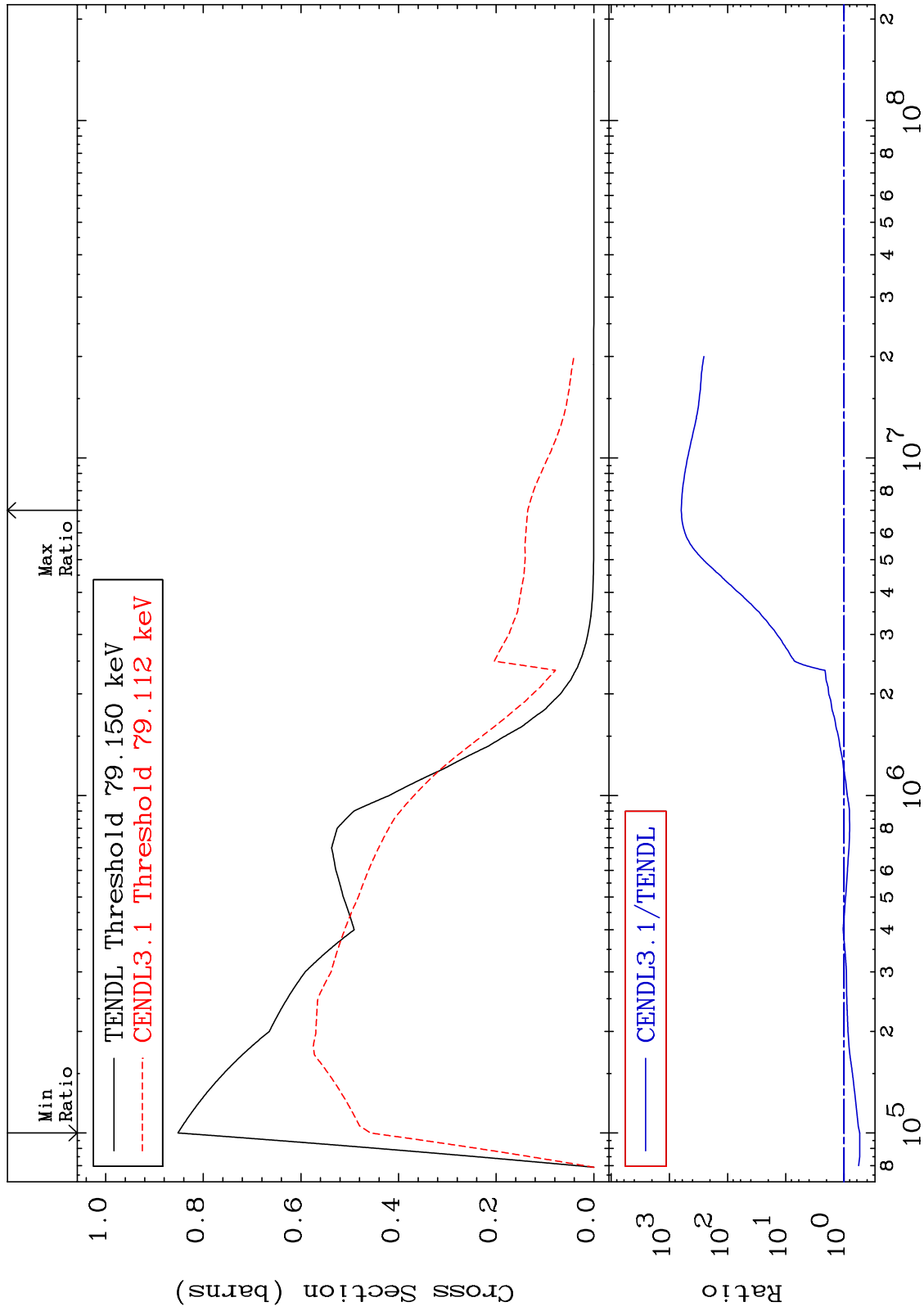


7 Incident Energy (eV) 63-Eu-155

MAT 6337

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

63-Eu-155
-46.26 To 9999. %

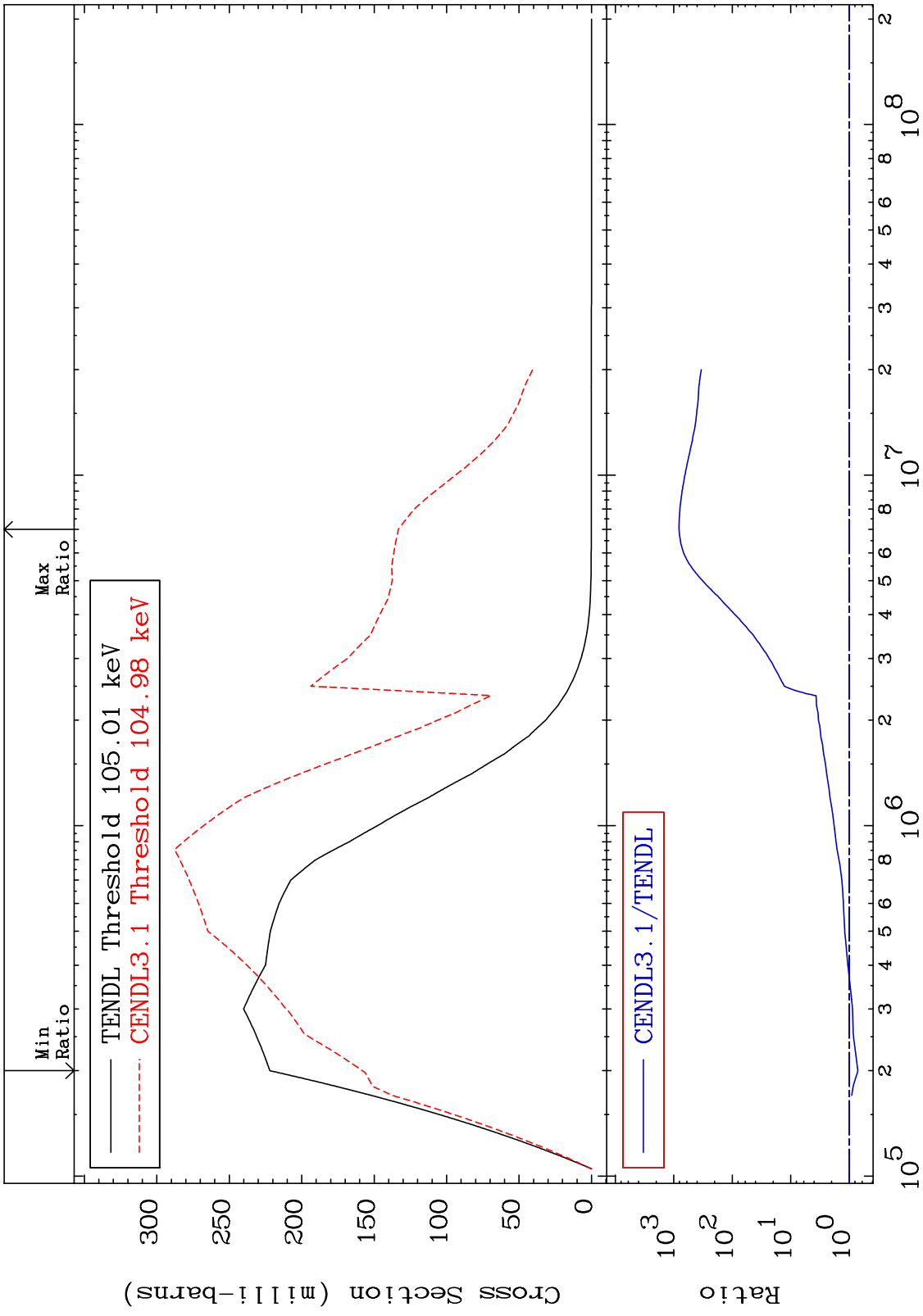


8

Incident Energy (eV)

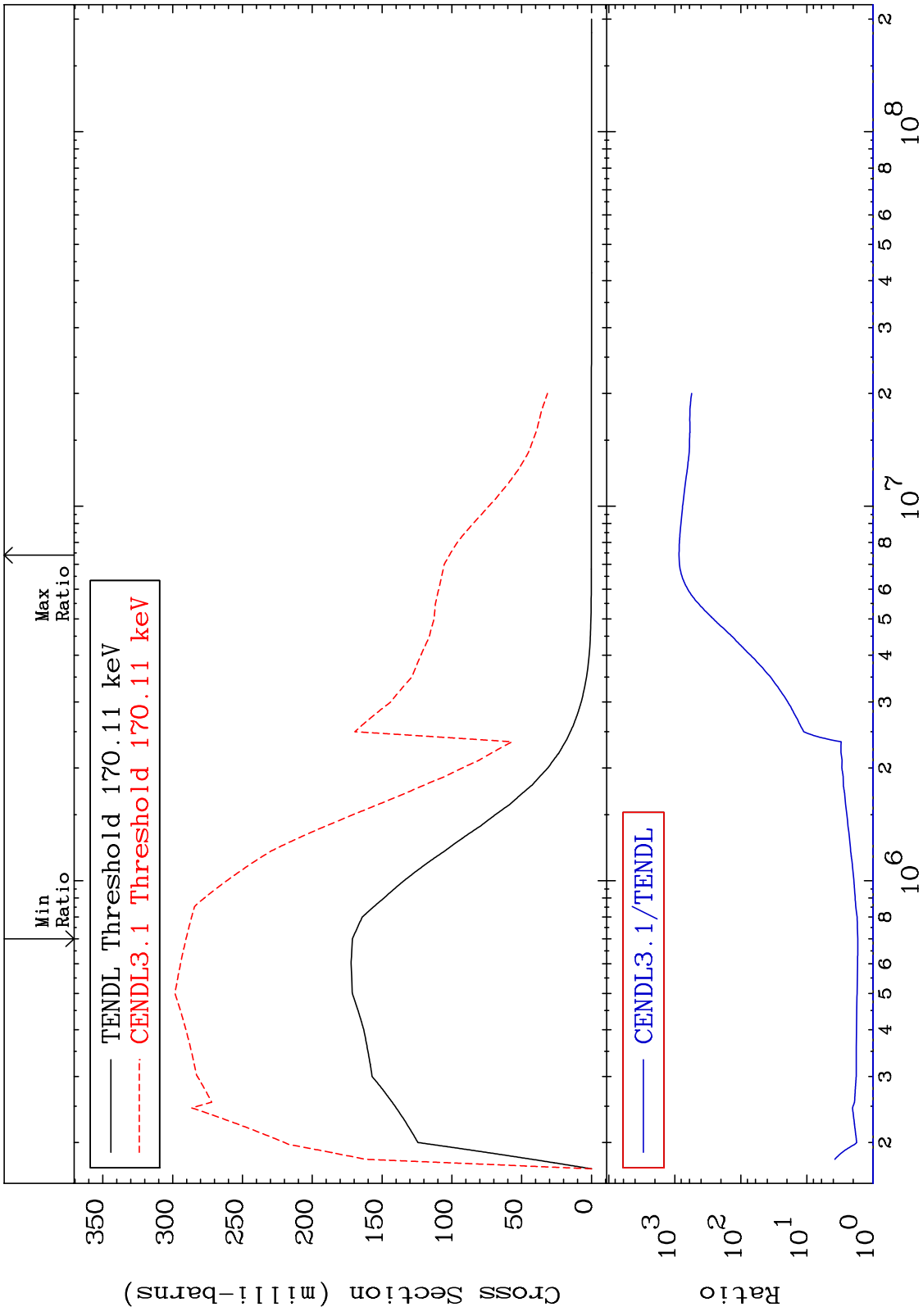
63-Eu-155

MAT 6337 MT= 52 (n,n') Level Cross Section 63-Eu-155
 -28.77 To 9999. %



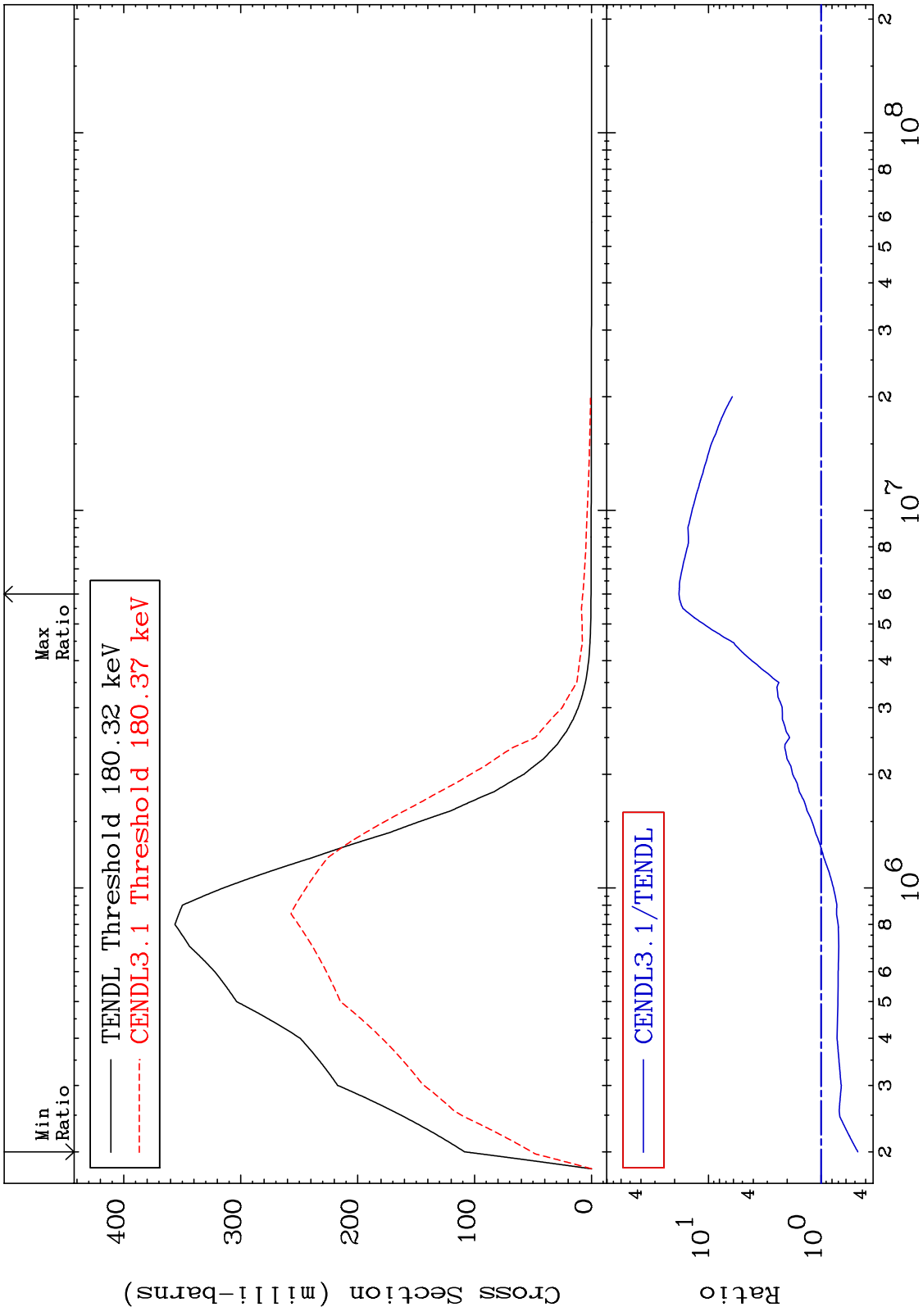
9 Incident Energy (eV) 63-Eu-155

MAT 6337 MT= 53 (n,n') Level Cross Section 63-Eu-155 69.64 To 9999. %

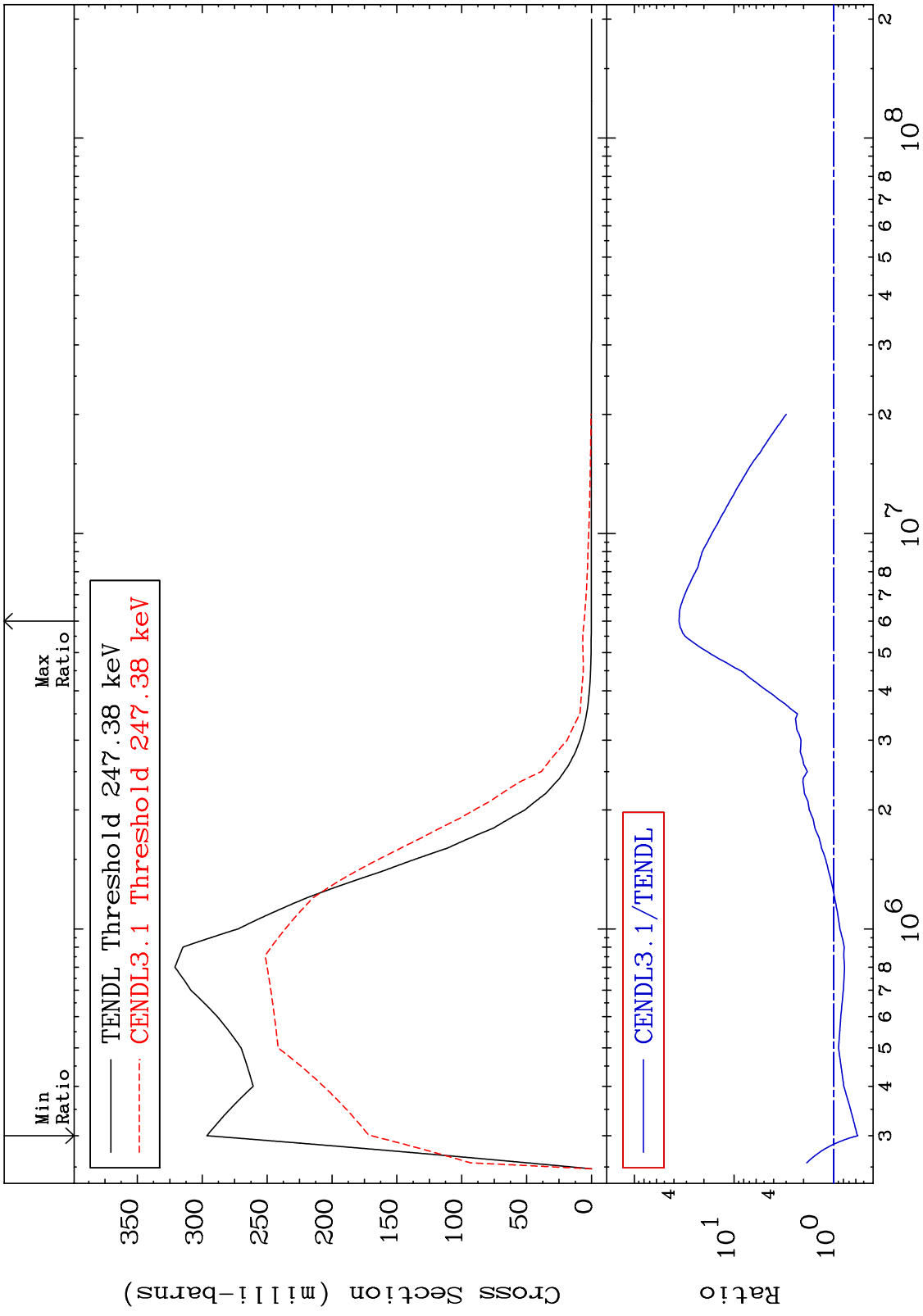


10 Incident Energy (eV) 63-Eu-155

MAT 6337 MT= 54 (n,n') Level Cross Section 63-Eu-155
 -52.95 To 1729. %

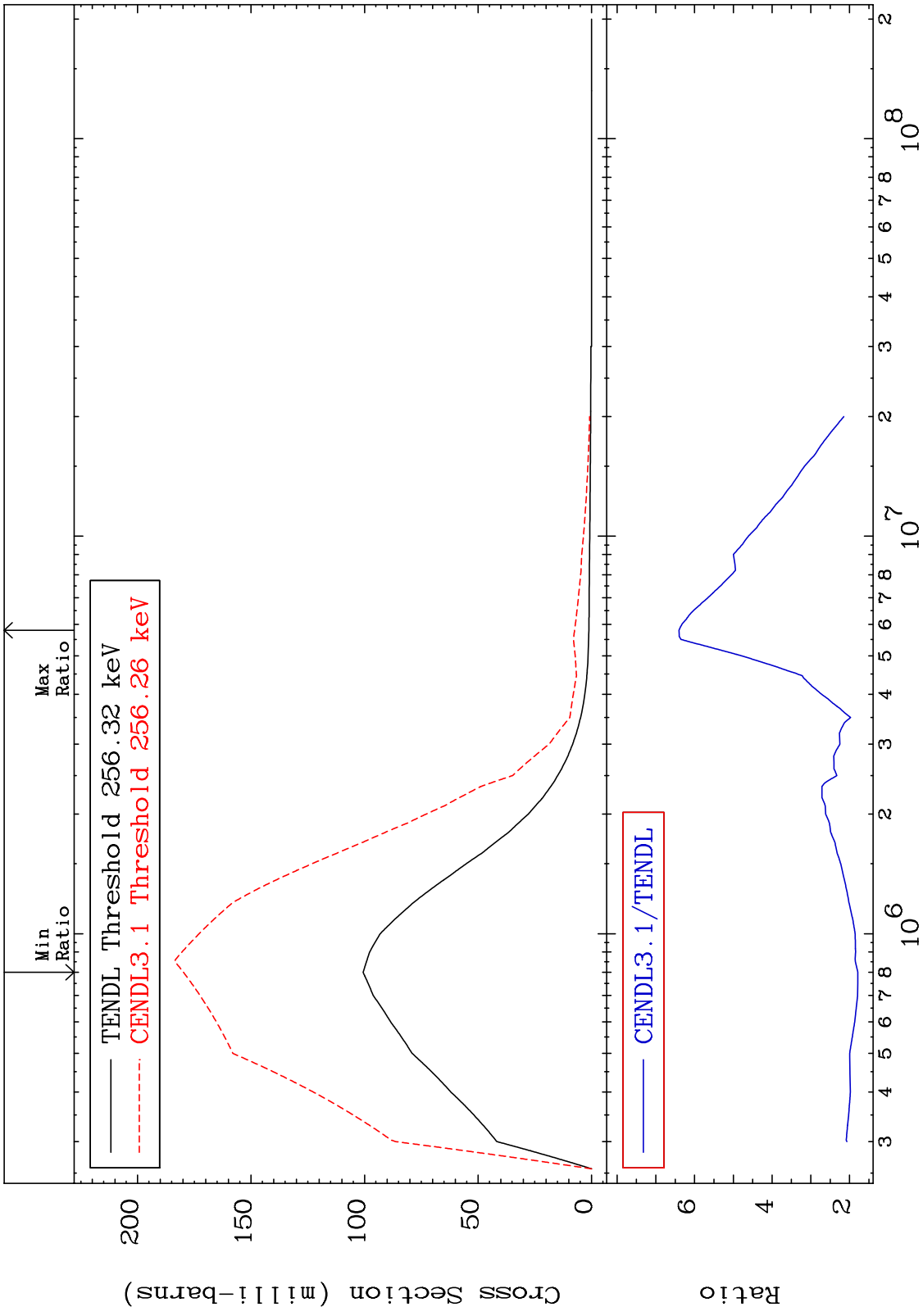


MAT 6337 MT= 55 (n,n') Level Cross Section 63-Eu-155 -42.76 To 3457. %

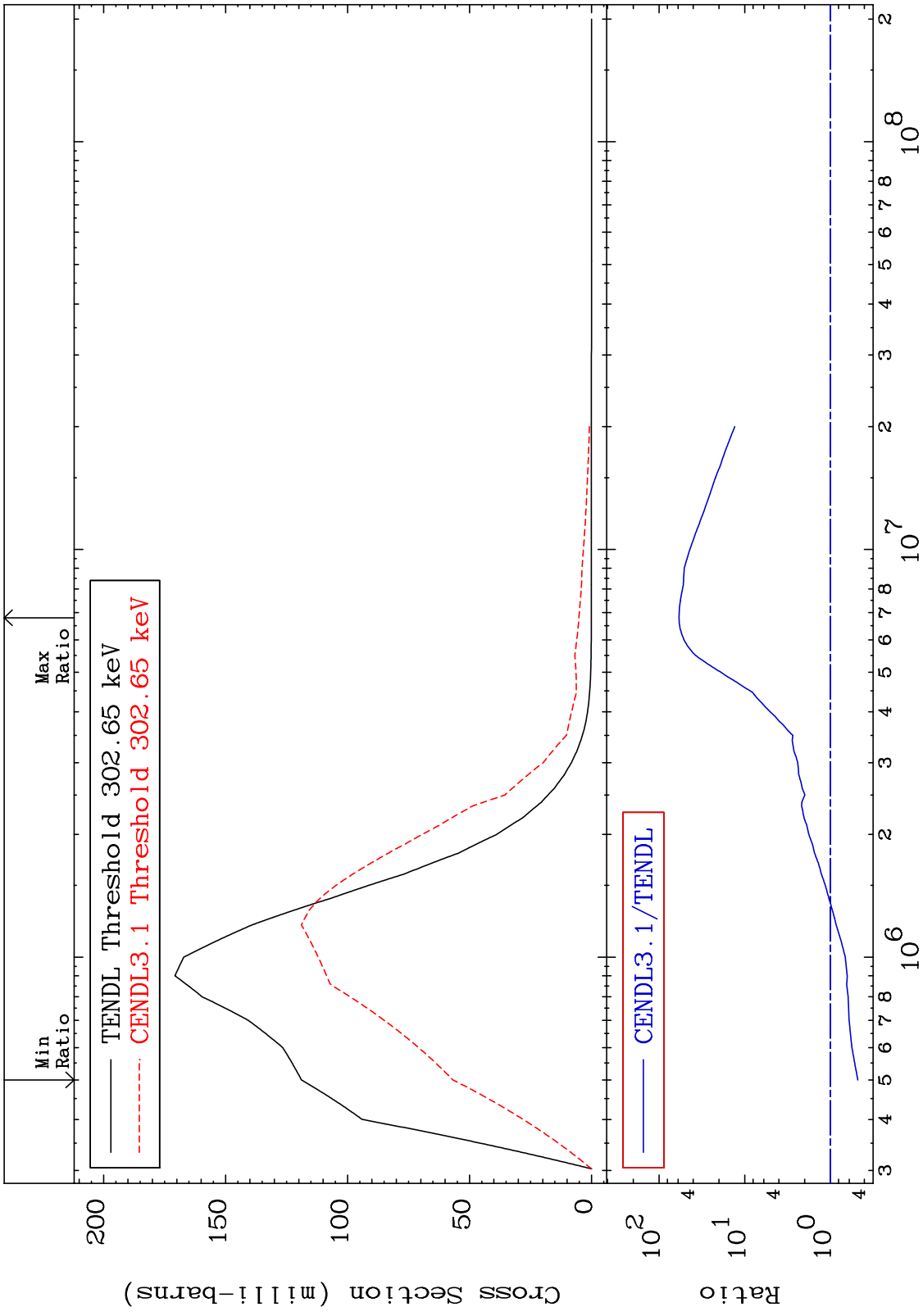


12 Incident Energy (eV) 63-Eu-155

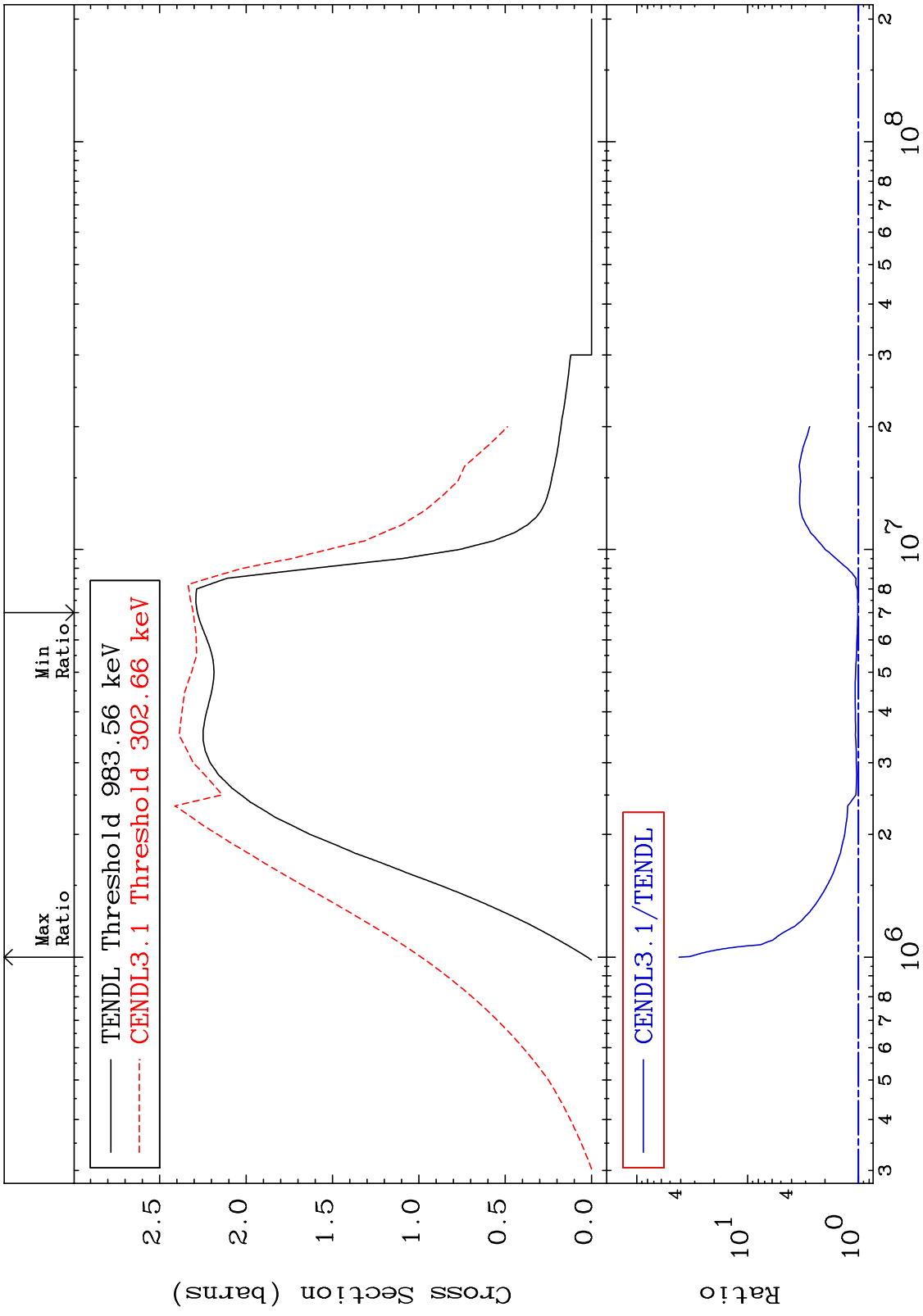
MAT 6337 MT= 56 (n,n') Level Cross Section 63-Eu-155 78.69 To 540.0 %



MAT 6337 MT= 57 (n,n') Level Cross Section 63-Eu-155 -52.24 To 5745. %



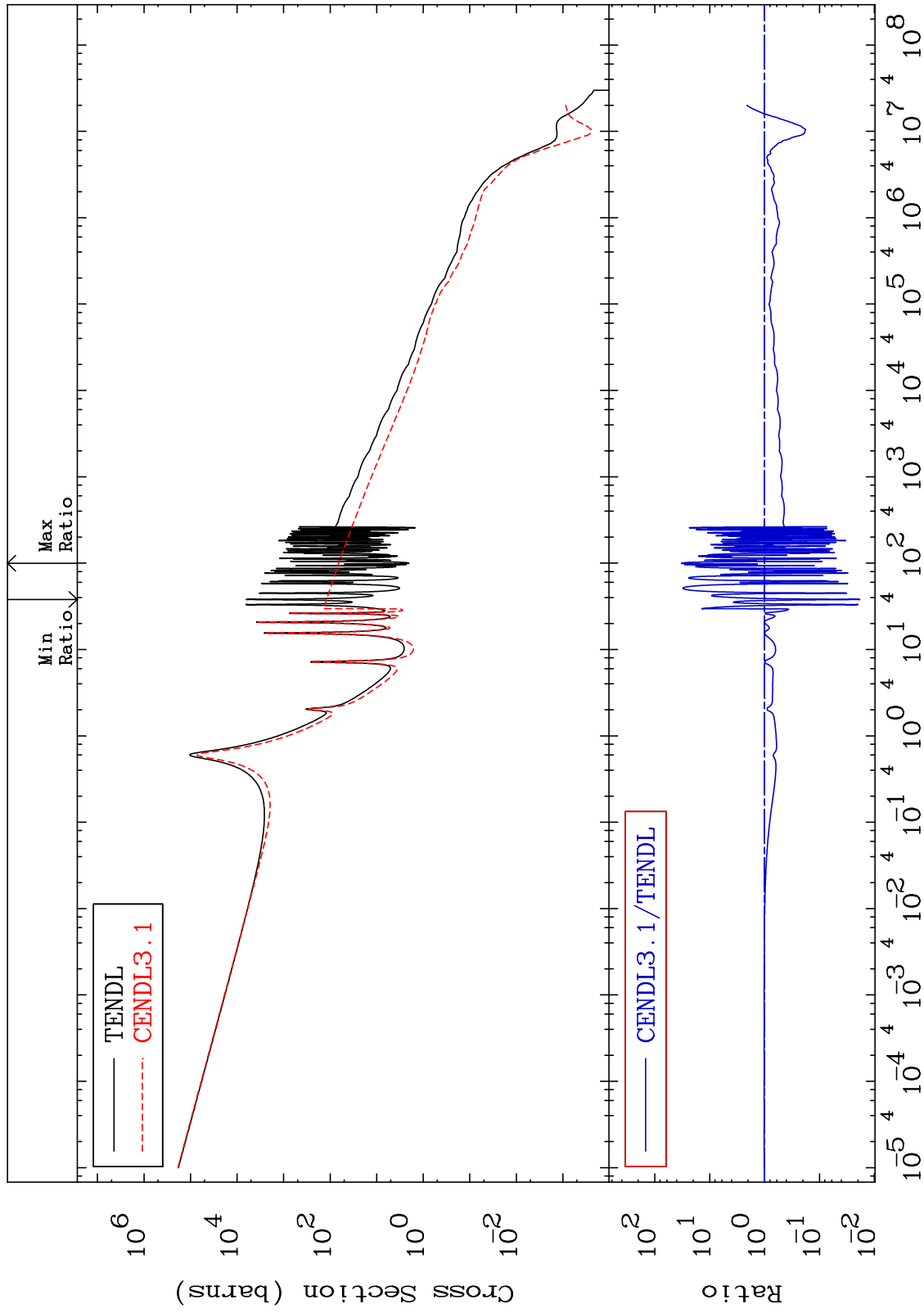
MAT 6337 (n, n') Continuum Cross Section 63-Eu-155 To 4050. %



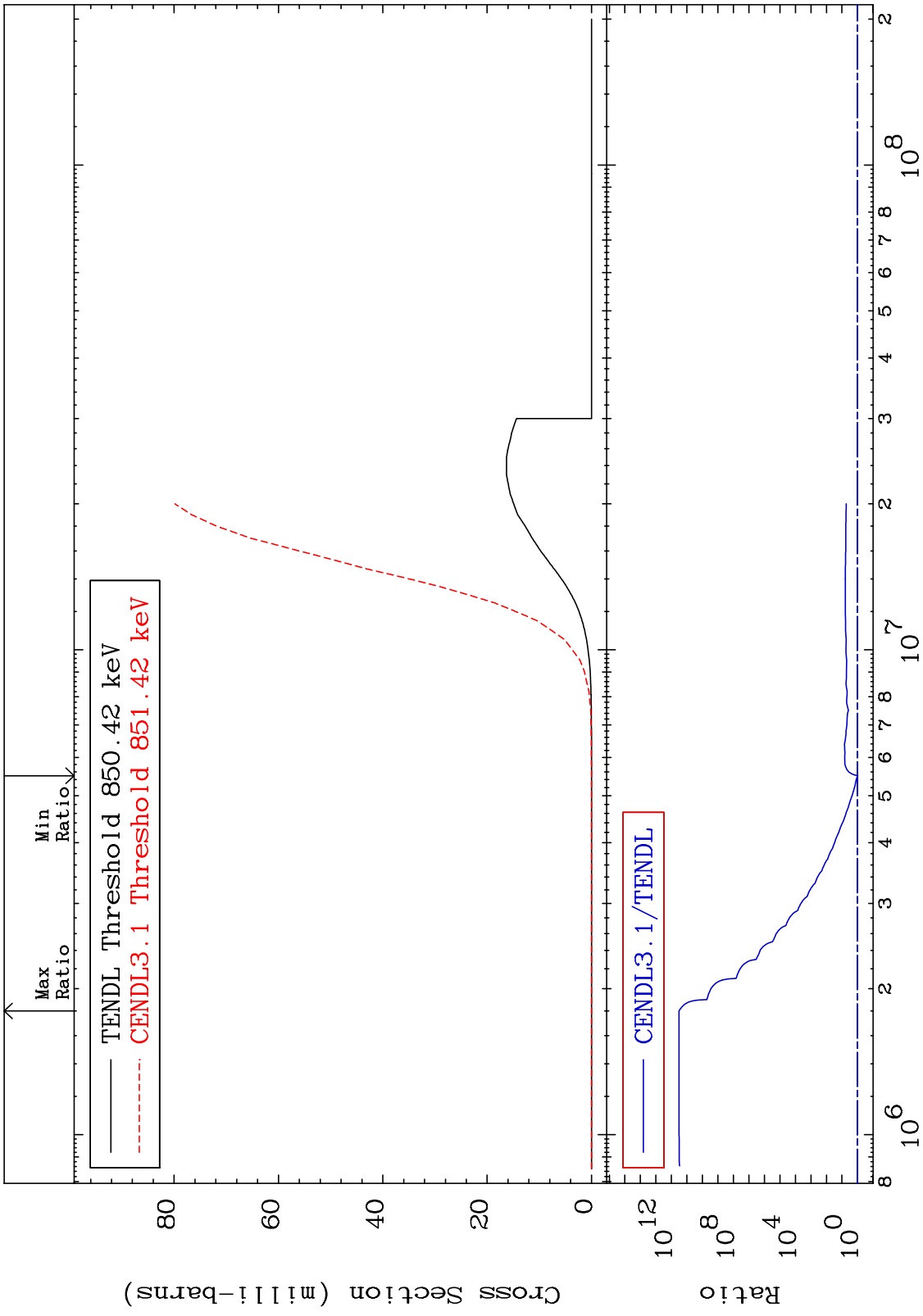
MAT 6337

(n, γ)
Cross Section

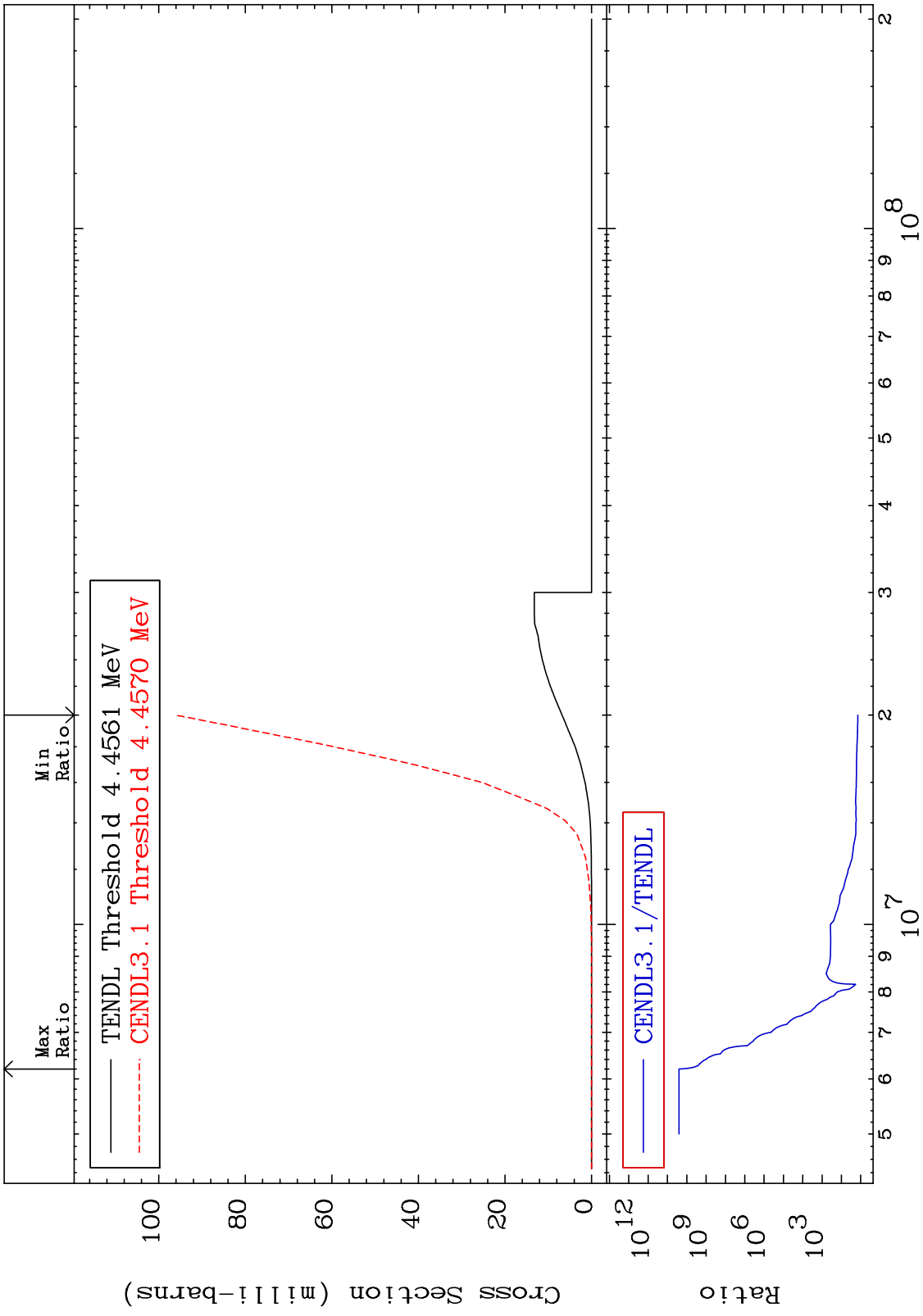
63-Eu-155
-98.15 To 3195. %



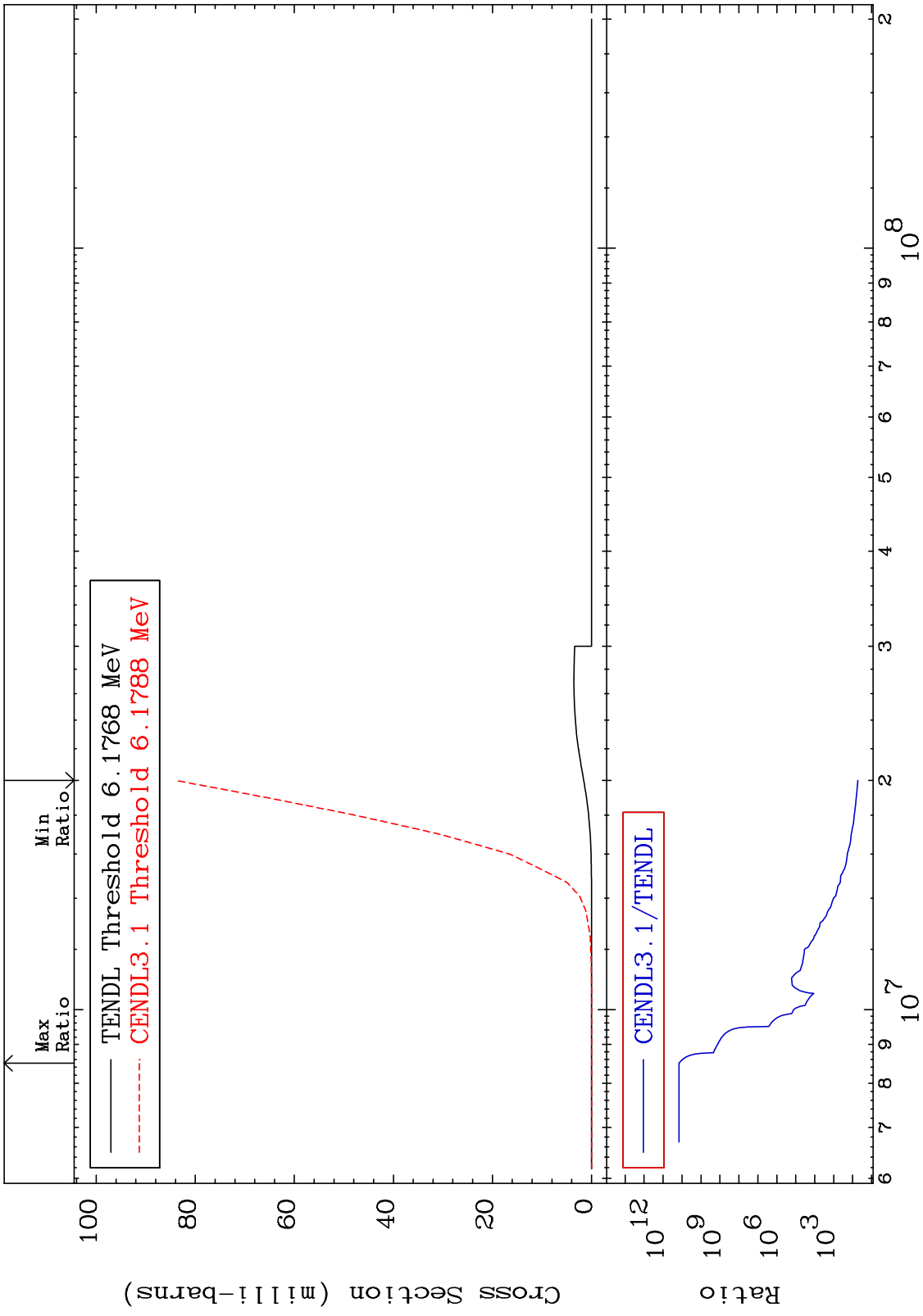
MAT 6337 (n,p) Cross Section 63-Eu-155 -5.709 To 9999. %



MAT 6337 (n,d) Cross Section 63-Eu-155 To 9999. %
 1312.



MAT 6337 (n,t) Cross Section 63-Eu-155 5222. To 9999. %



19 63-Eu-155 Incident Energy (eV)

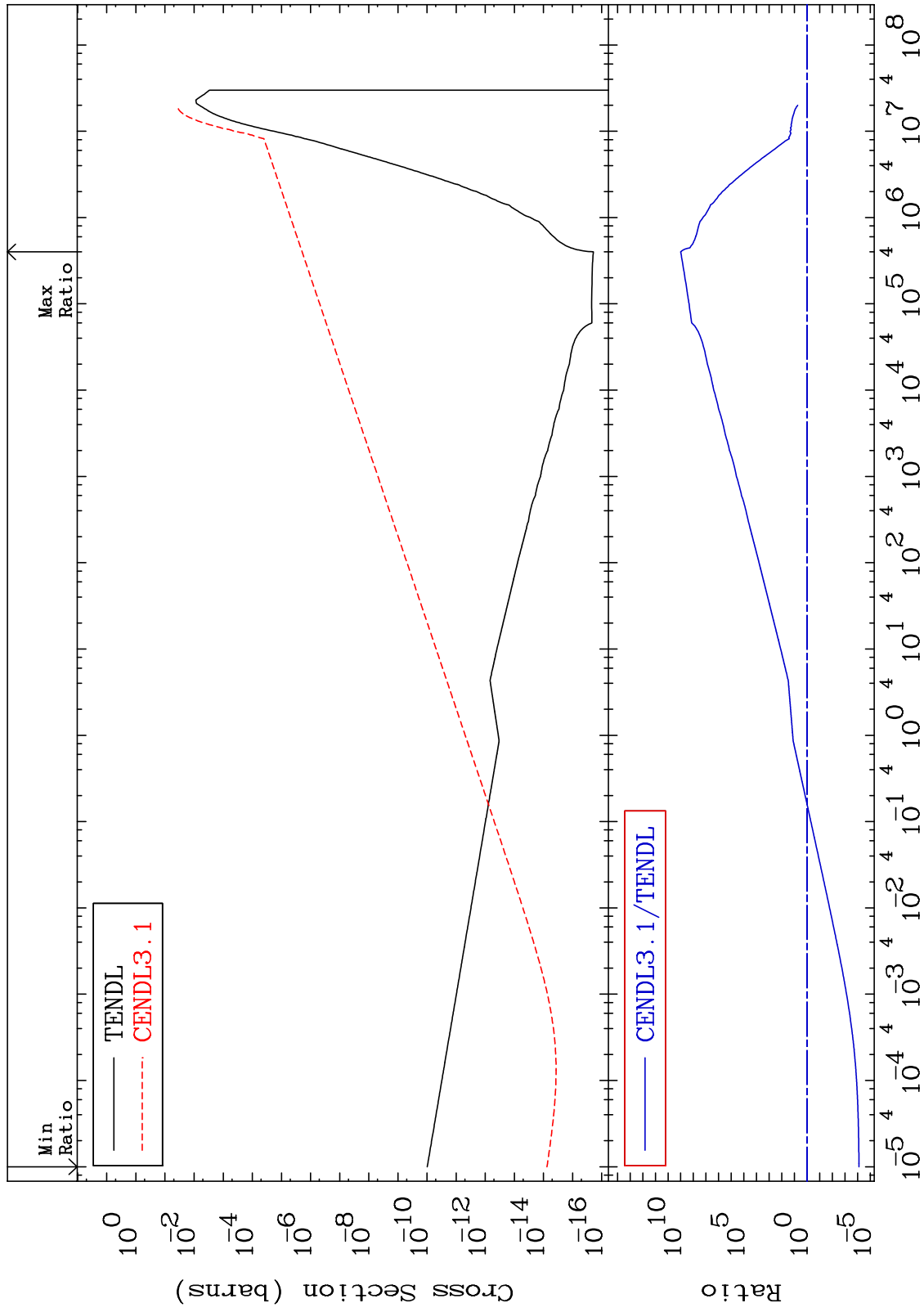
MAT 6337

(n, α)

63-Eu-155

Cross Section

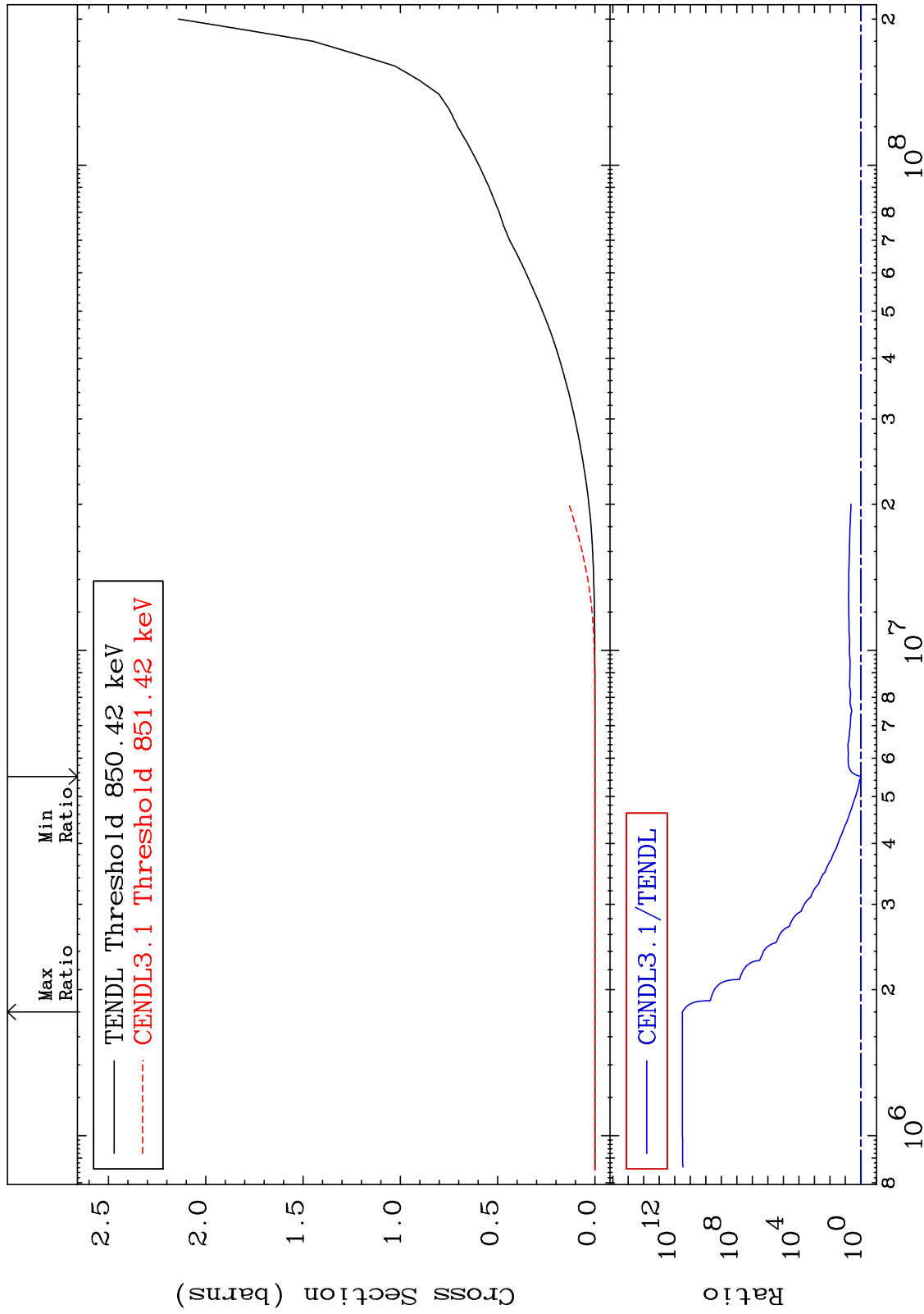
-99.99 To 9999. %



MAT 6337

Hydrogen Production
Cross Section

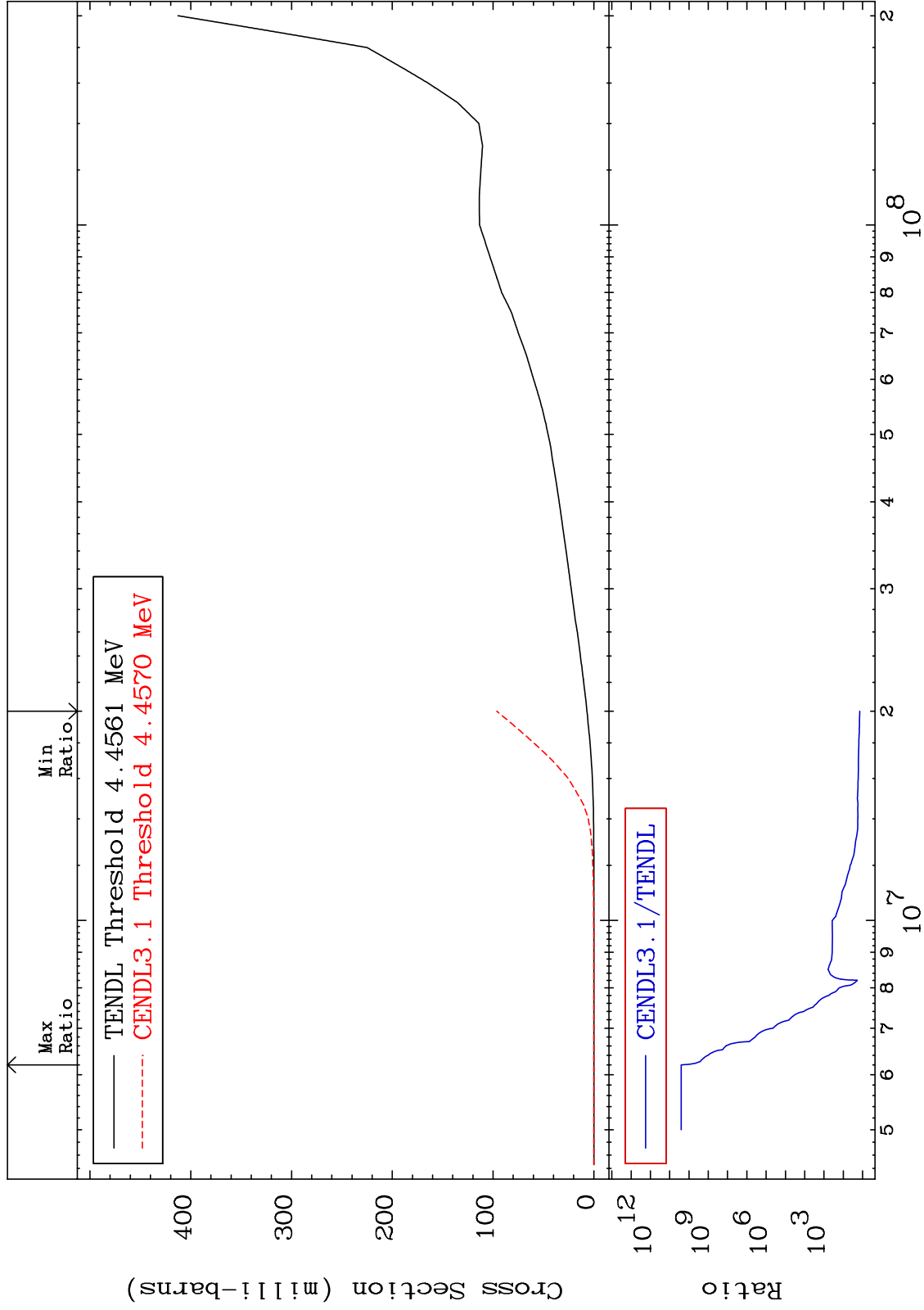
63-Eu-155
-5.709 To 9999. %

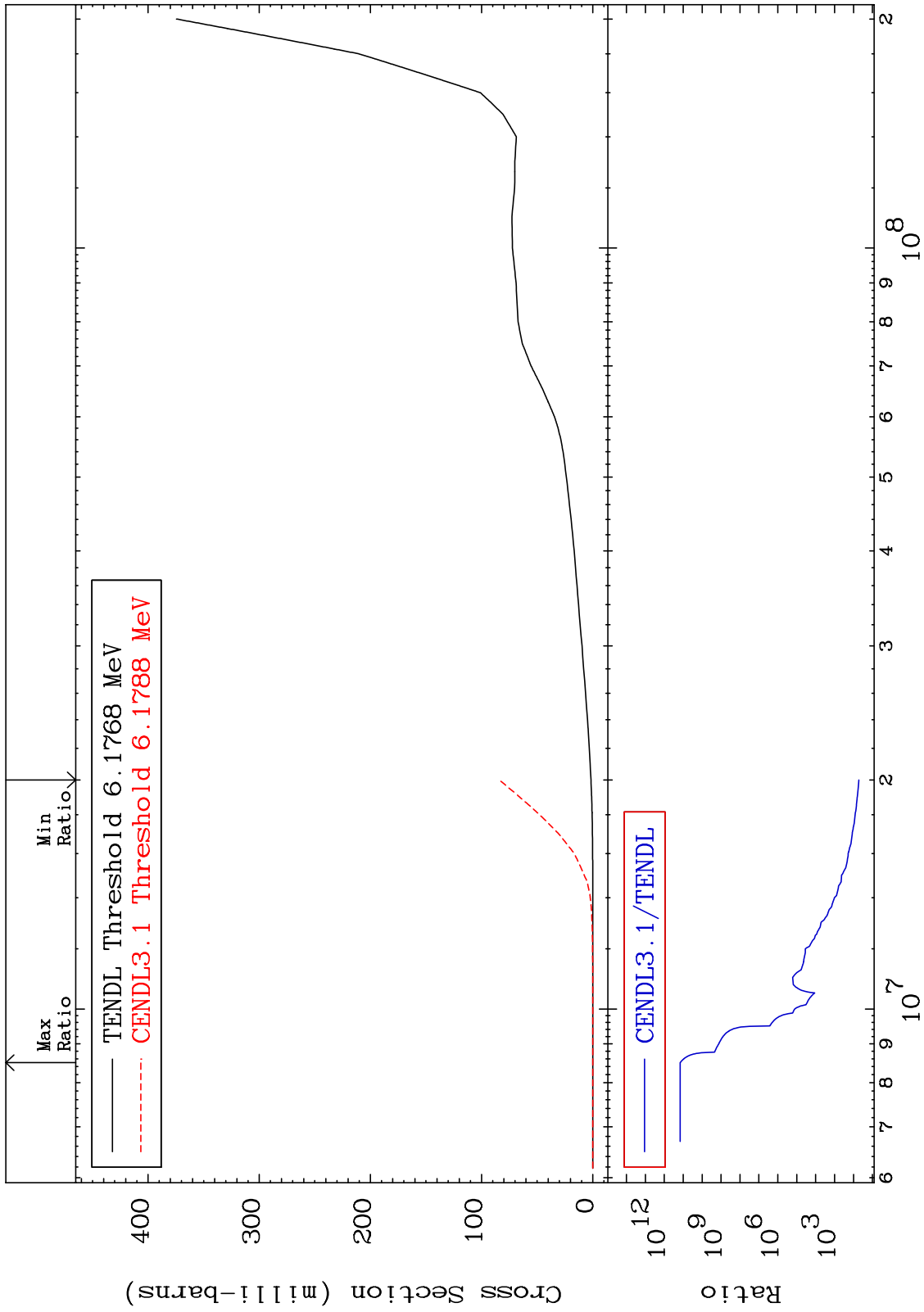


MAT 6337

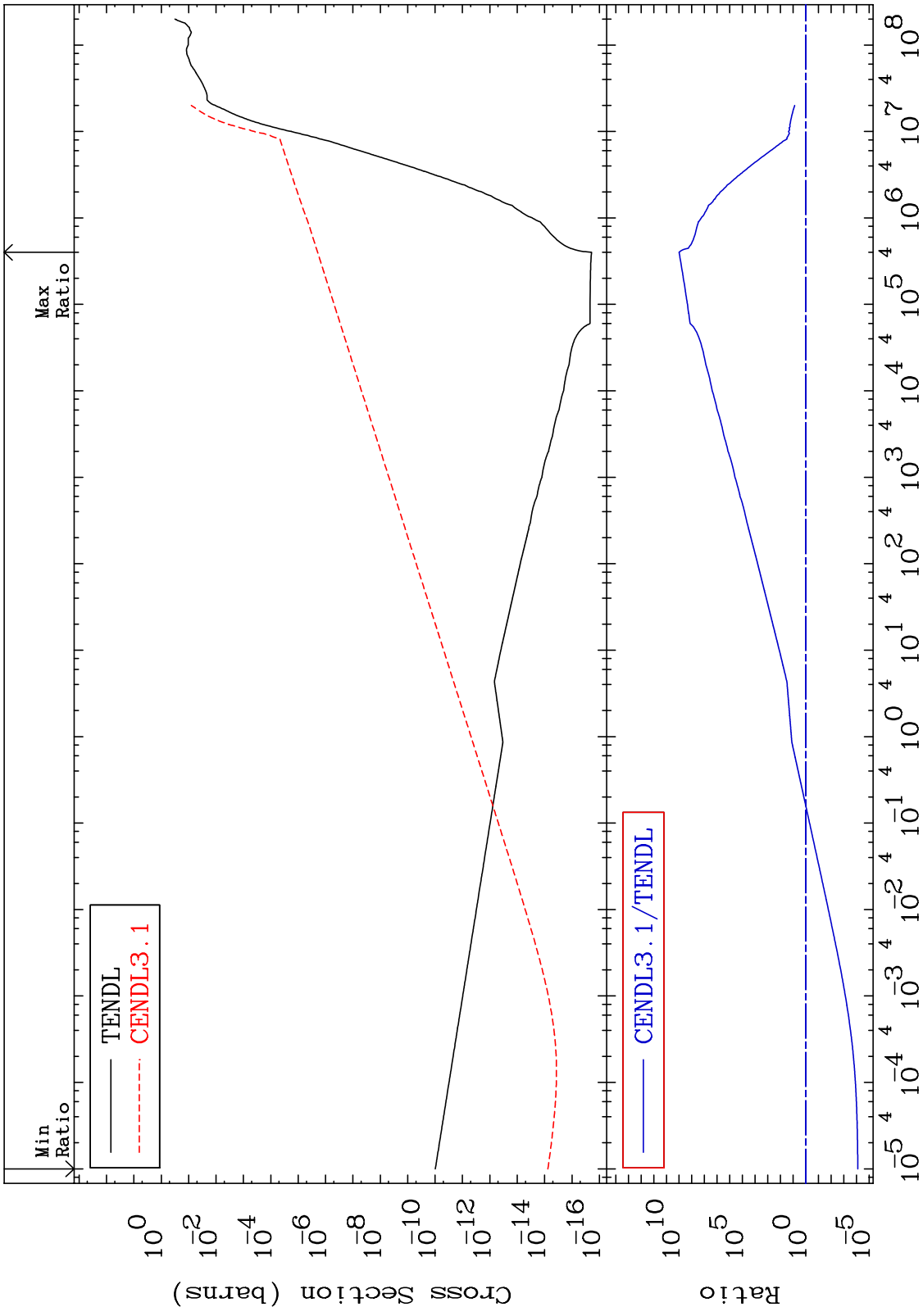
Deuterium Production
Cross Section

63-Eu-155
1301. To 9999. %



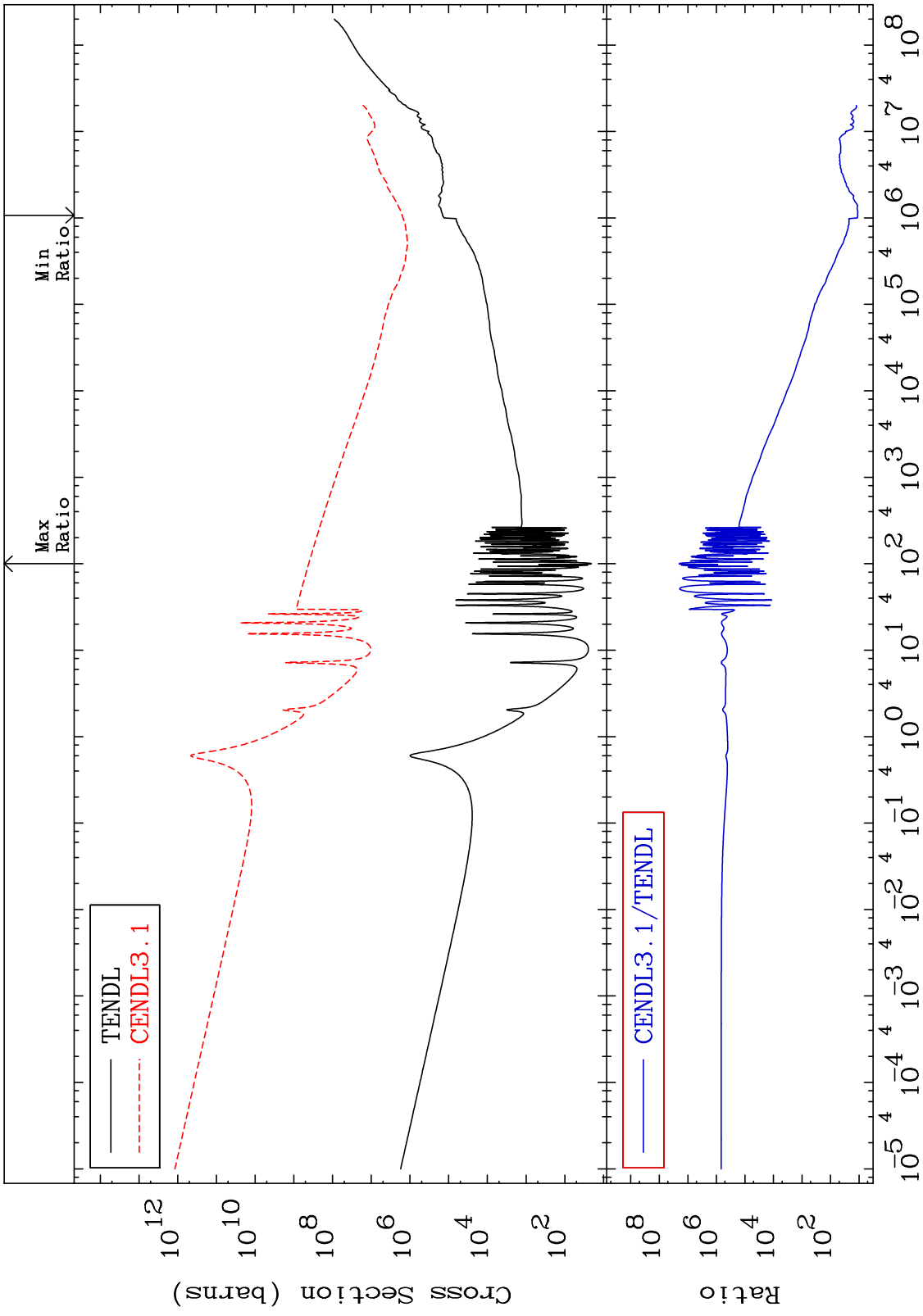


MAT 6337 He-4 Production Cross Section 63-Eu-155
 -99.99 To 9999. %



Incident Energy (eV) 63-Eu-155

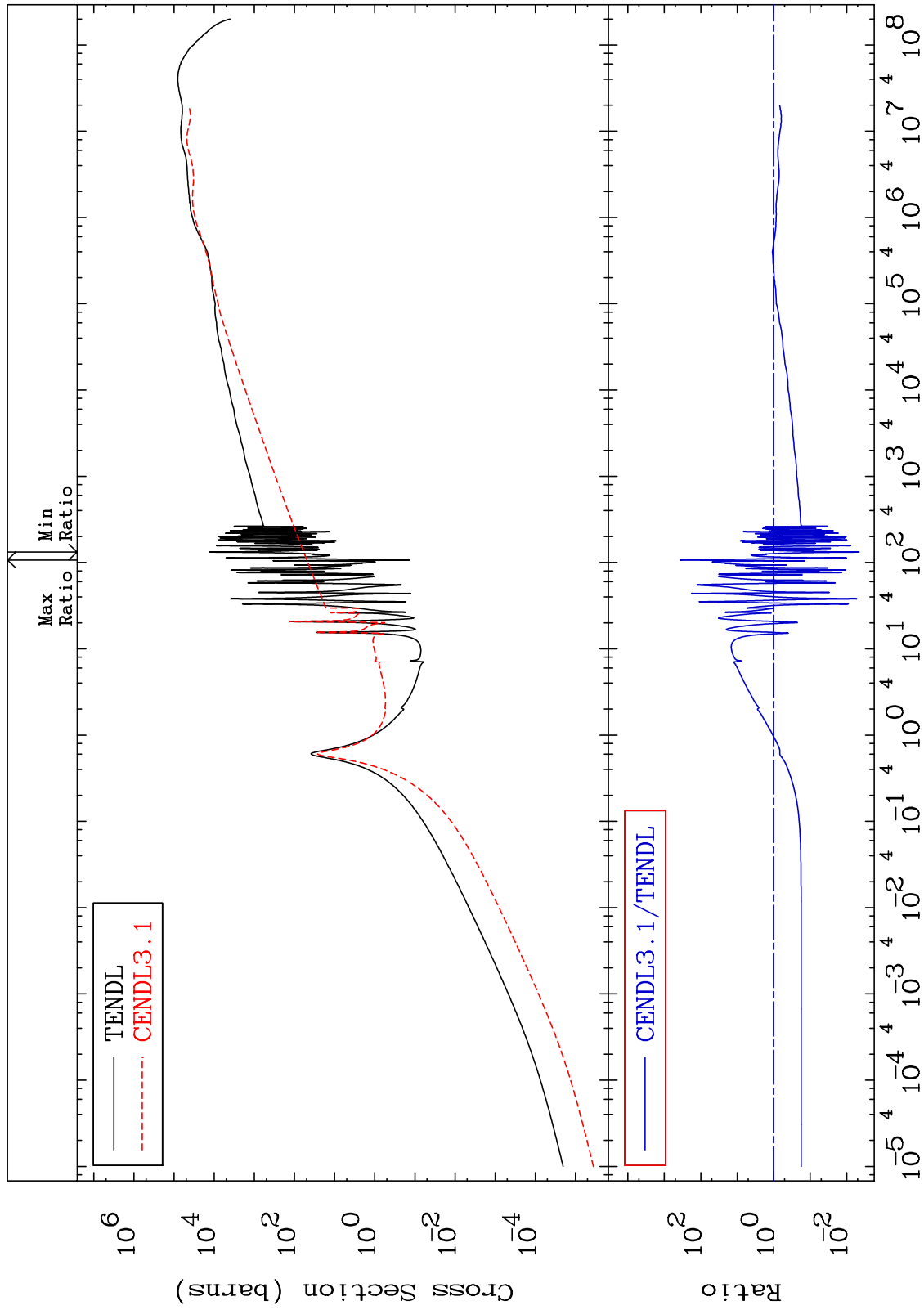
MAT 6337 Kerma total (eV-barns) Cross Section 63-Eu-155 1008. To 9999. %



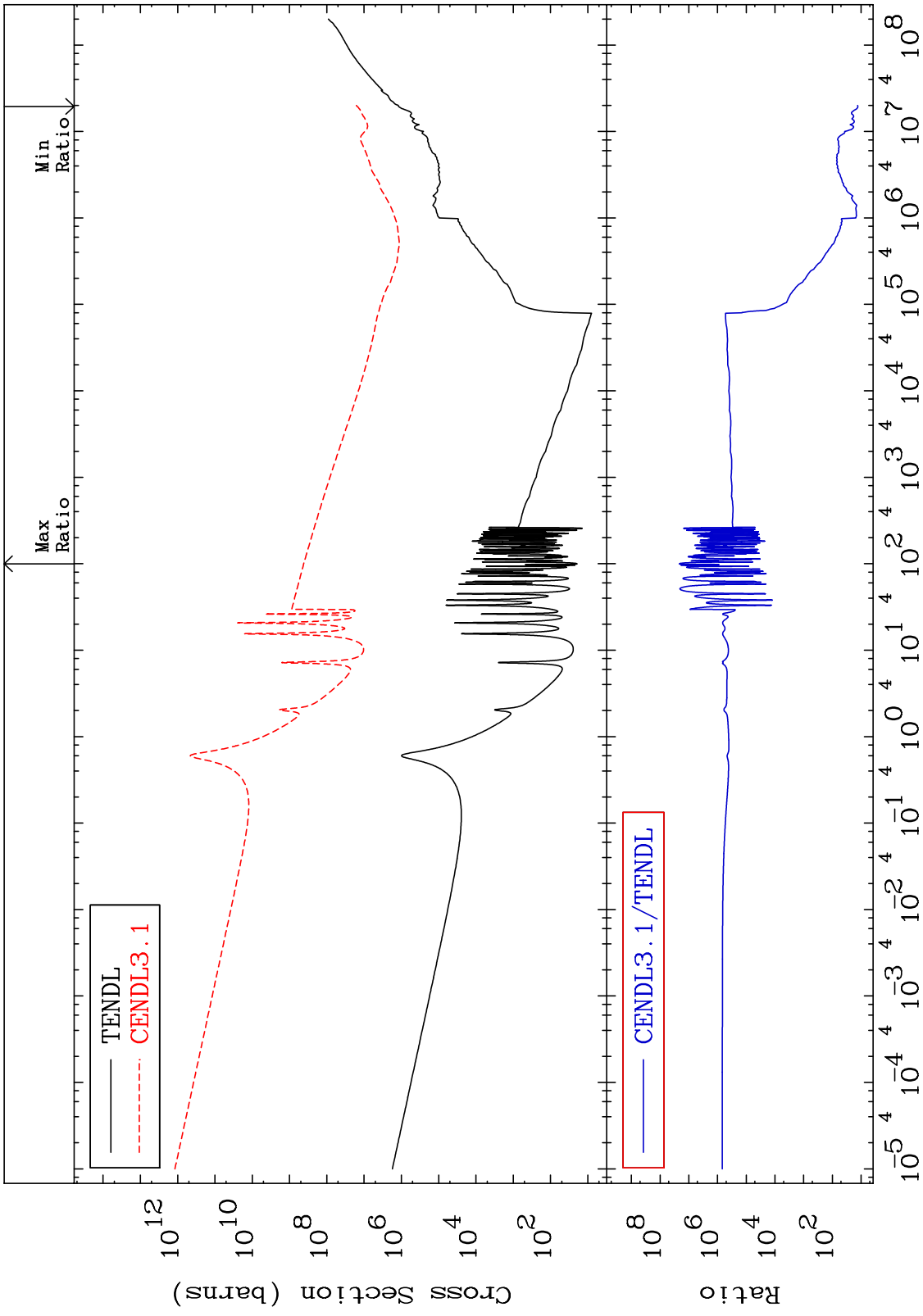
MAT 6337

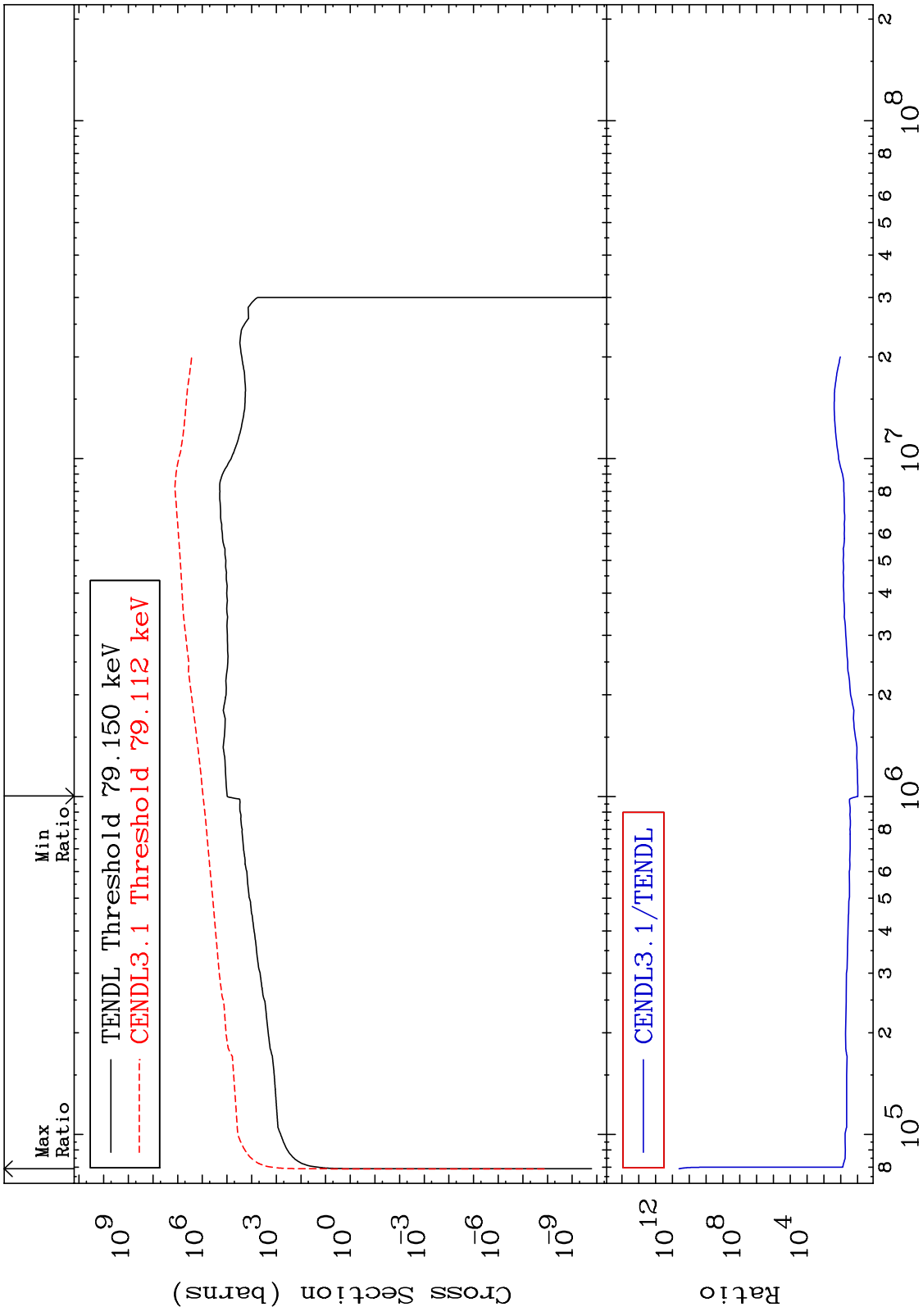
Kerma elastic
Cross Section

63-Eu-155
-99.54 To 9999. %

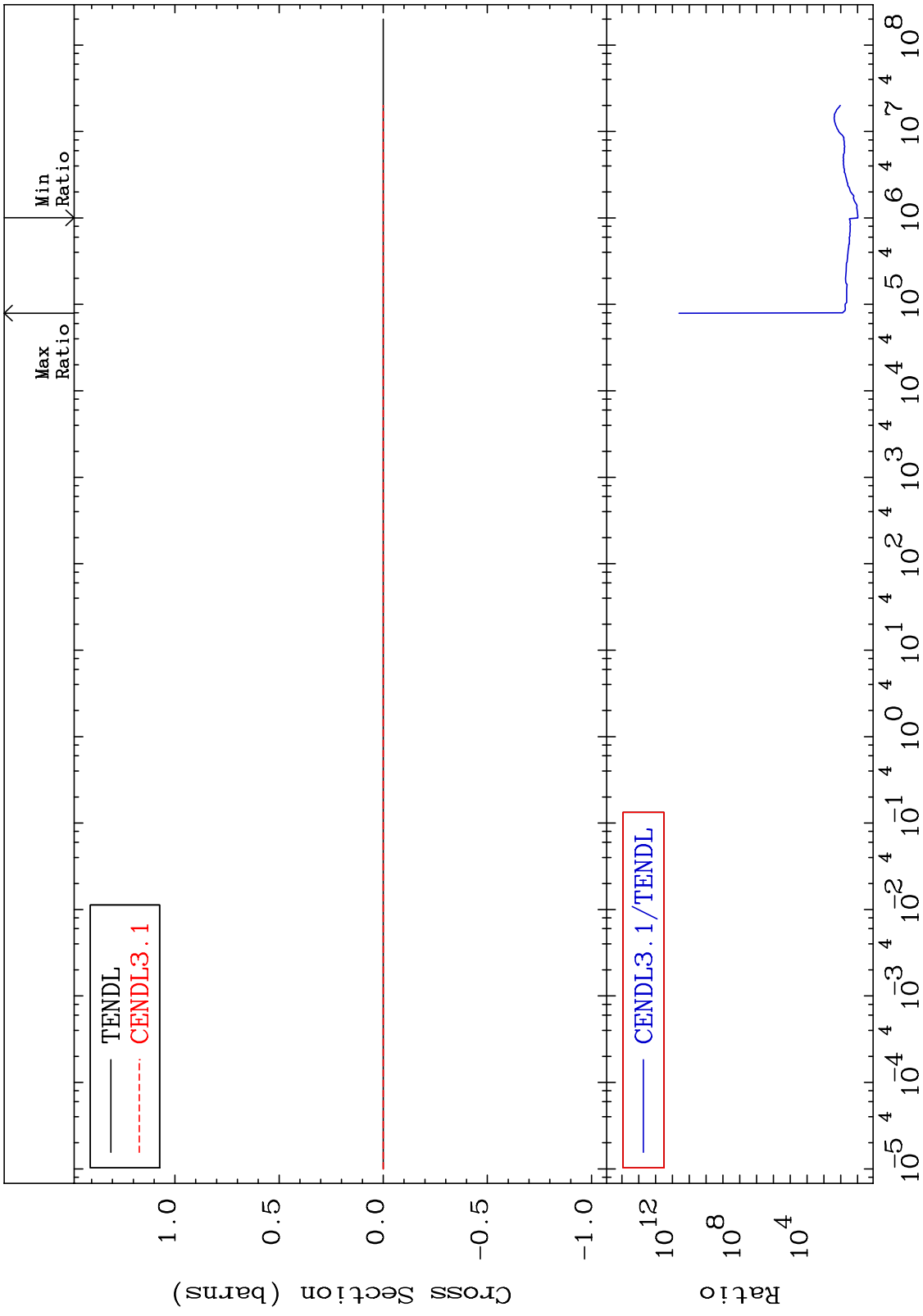


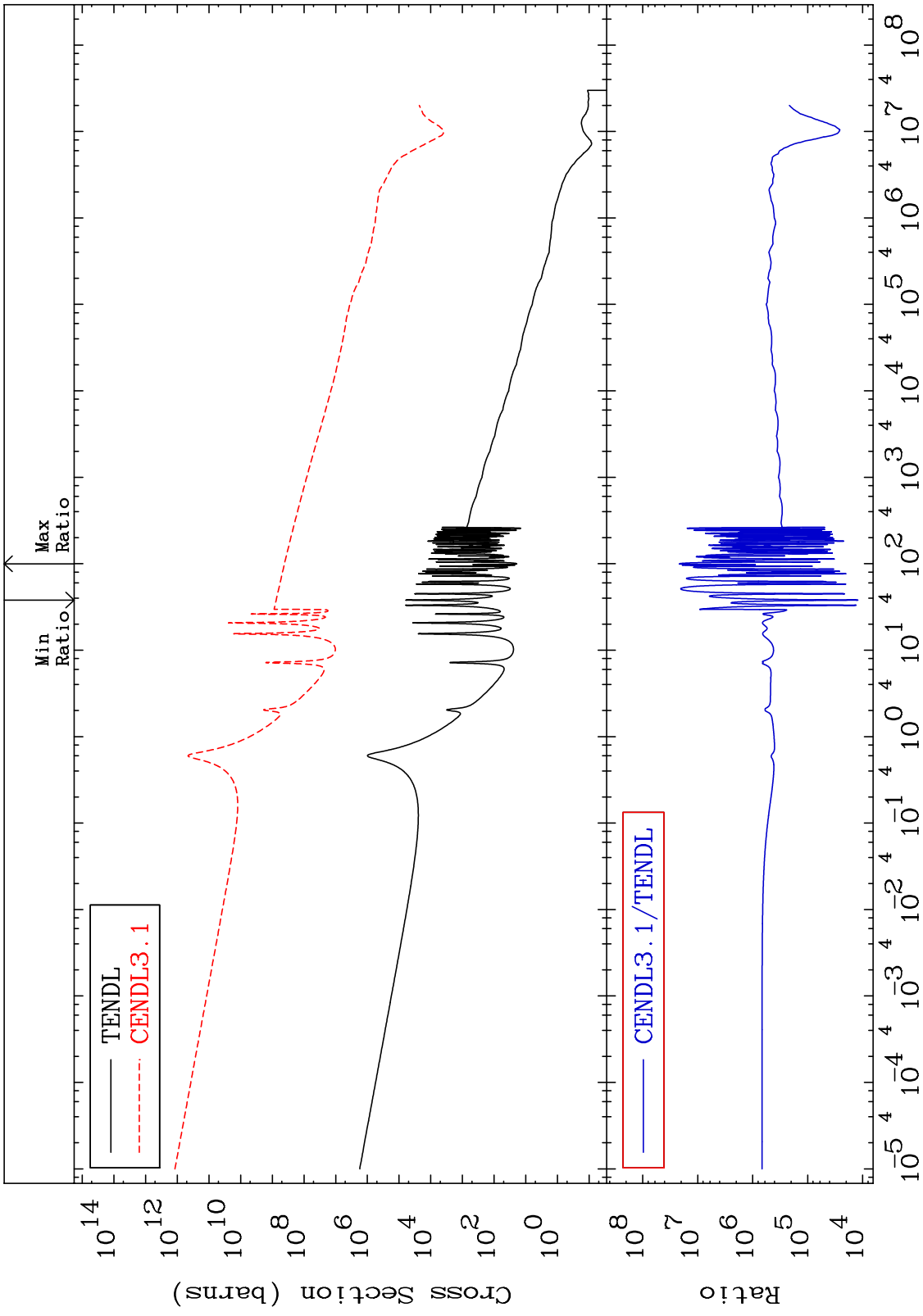
MAT 6337 Kerma non-elastic (all but mt2) 63-Eu-155
 Cross Section 1196. To 9999. %

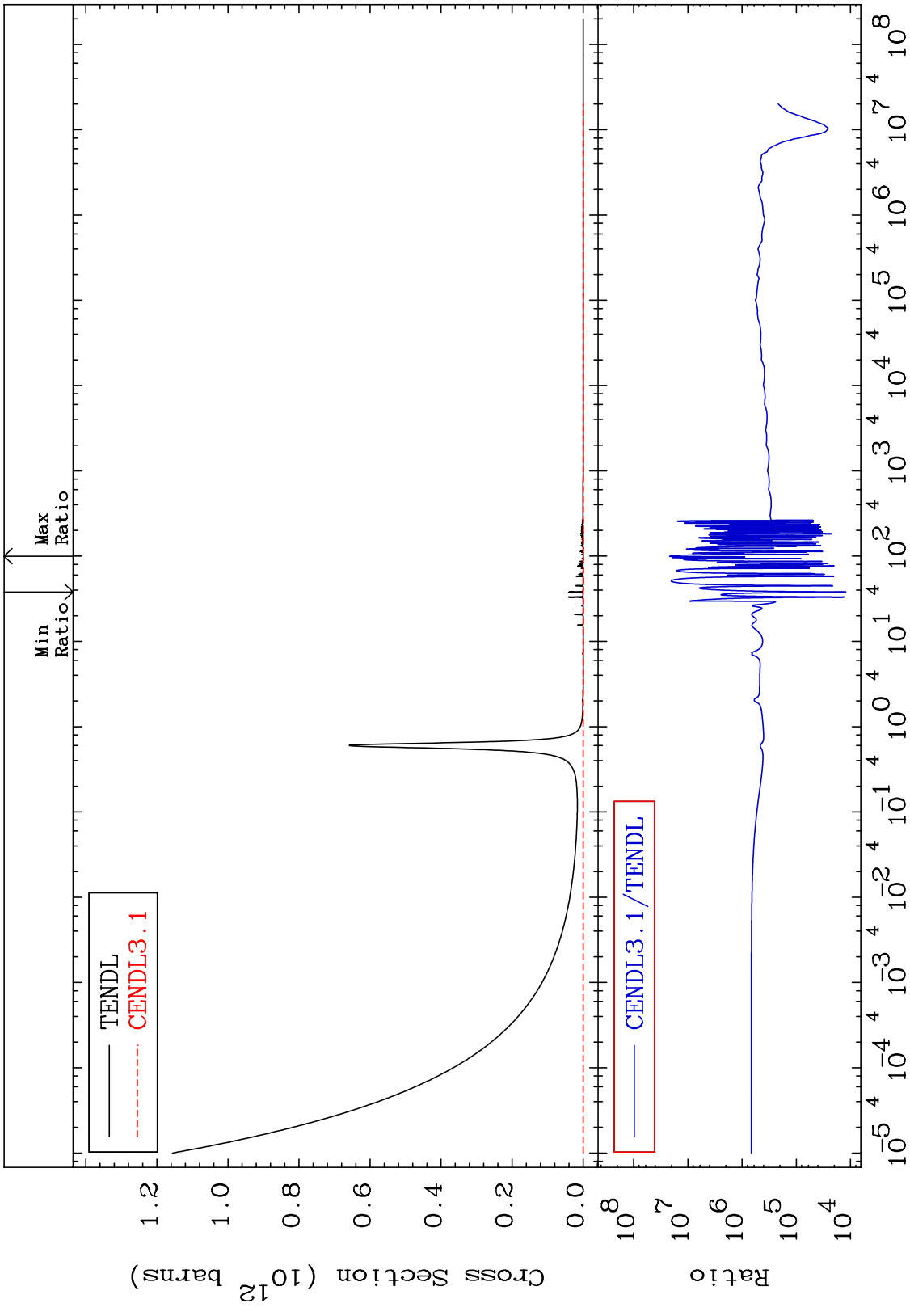




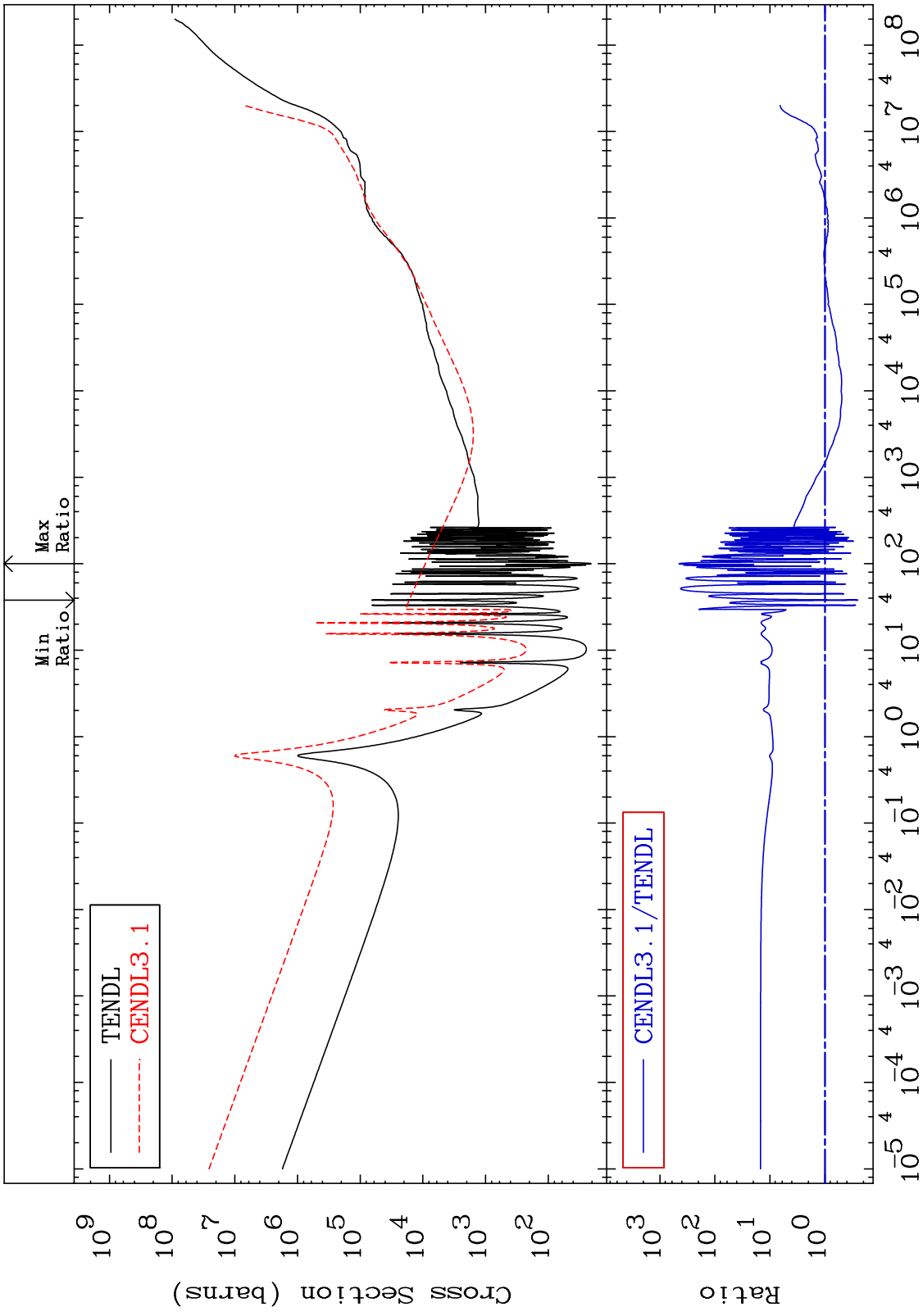
MAT 6337 Kerma fission (mt18 or mt19-20-21-38) 63-Eu-155
 Cross Section 851.1 To 9999. %







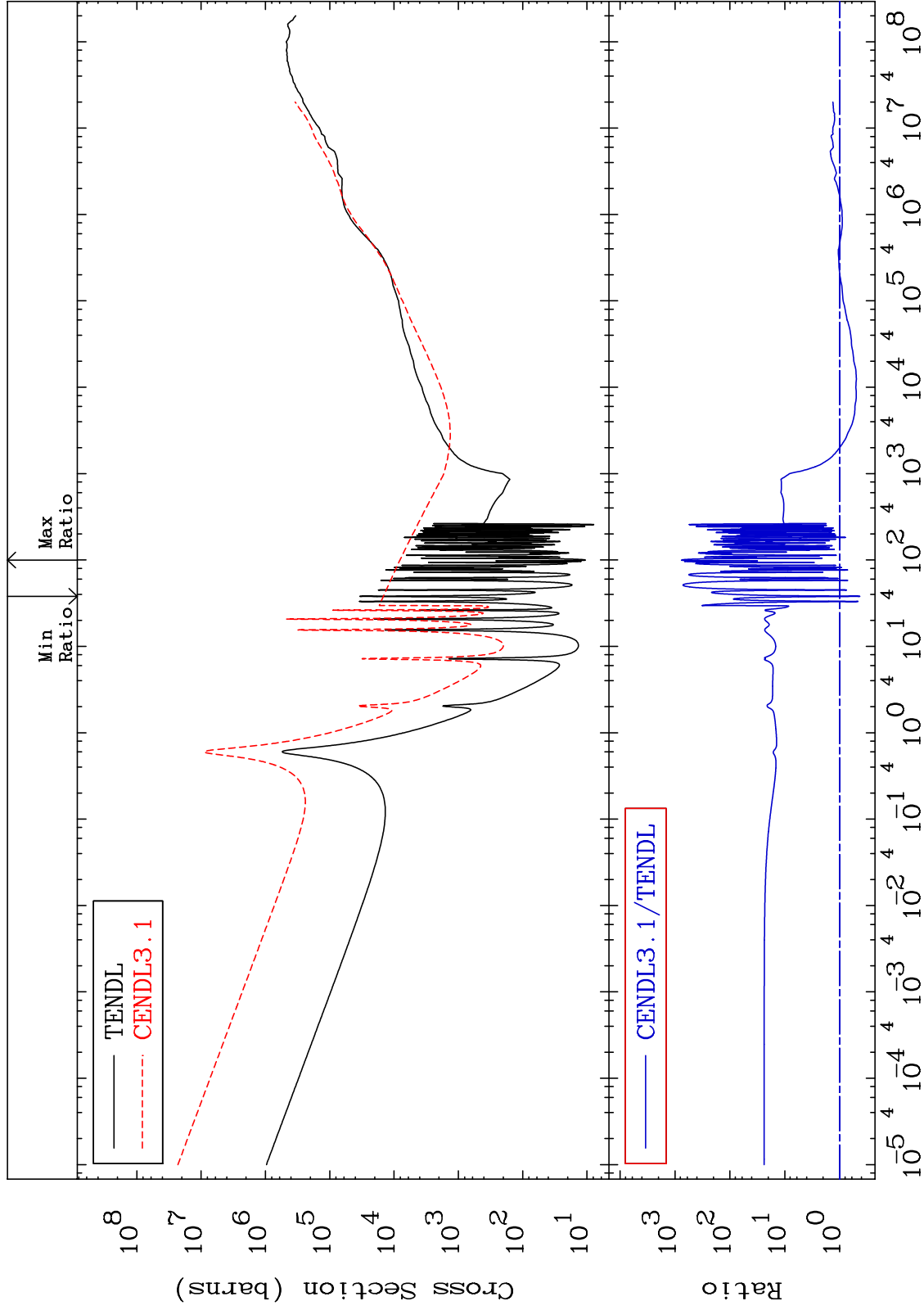
MAT 6337 Total kinematic kerma (high limit) 63-Eu-155
 Cross Section -74.78 To 9999. %



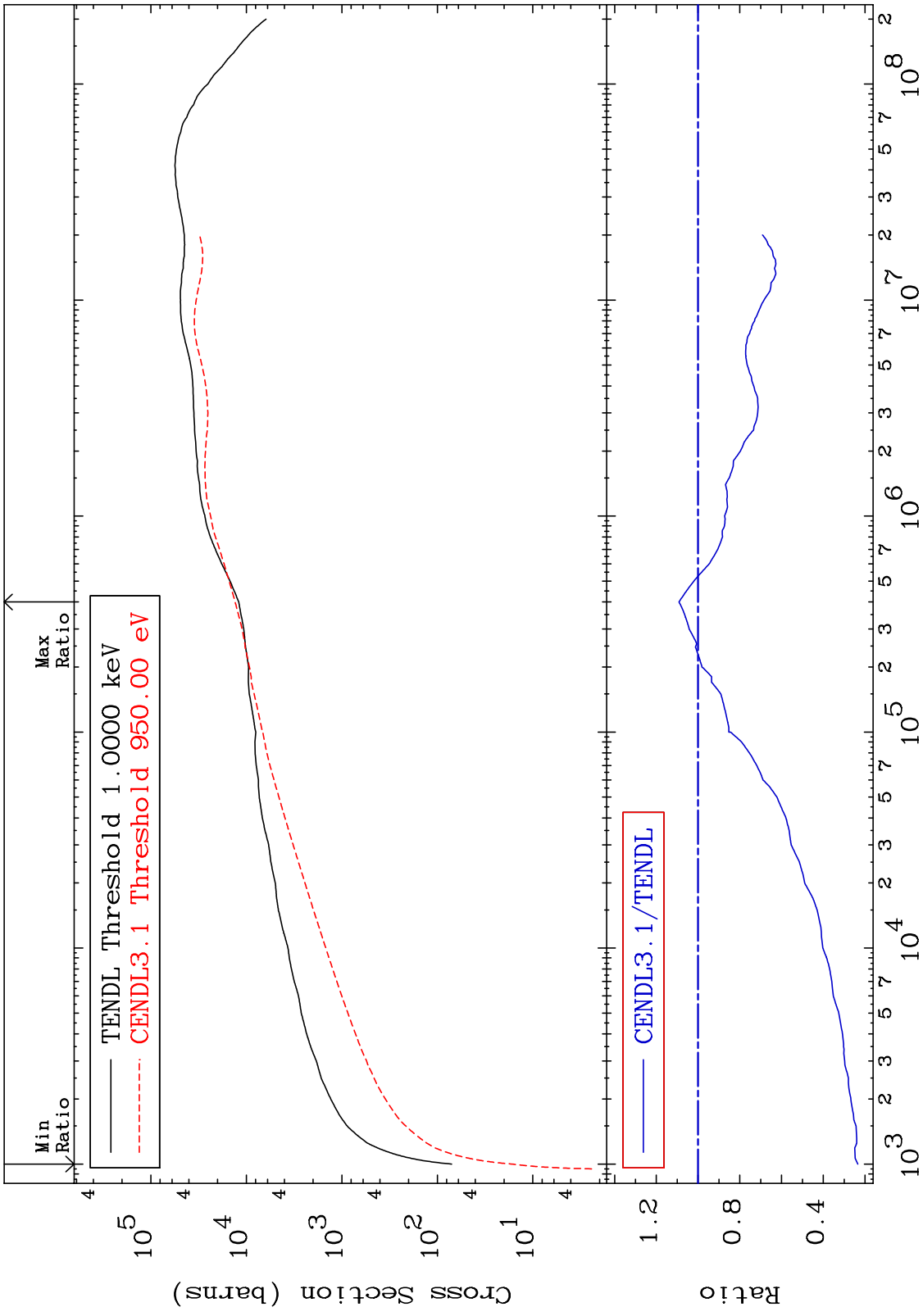
MAT 6337

Dpa total (eV-barns)
Cross Section

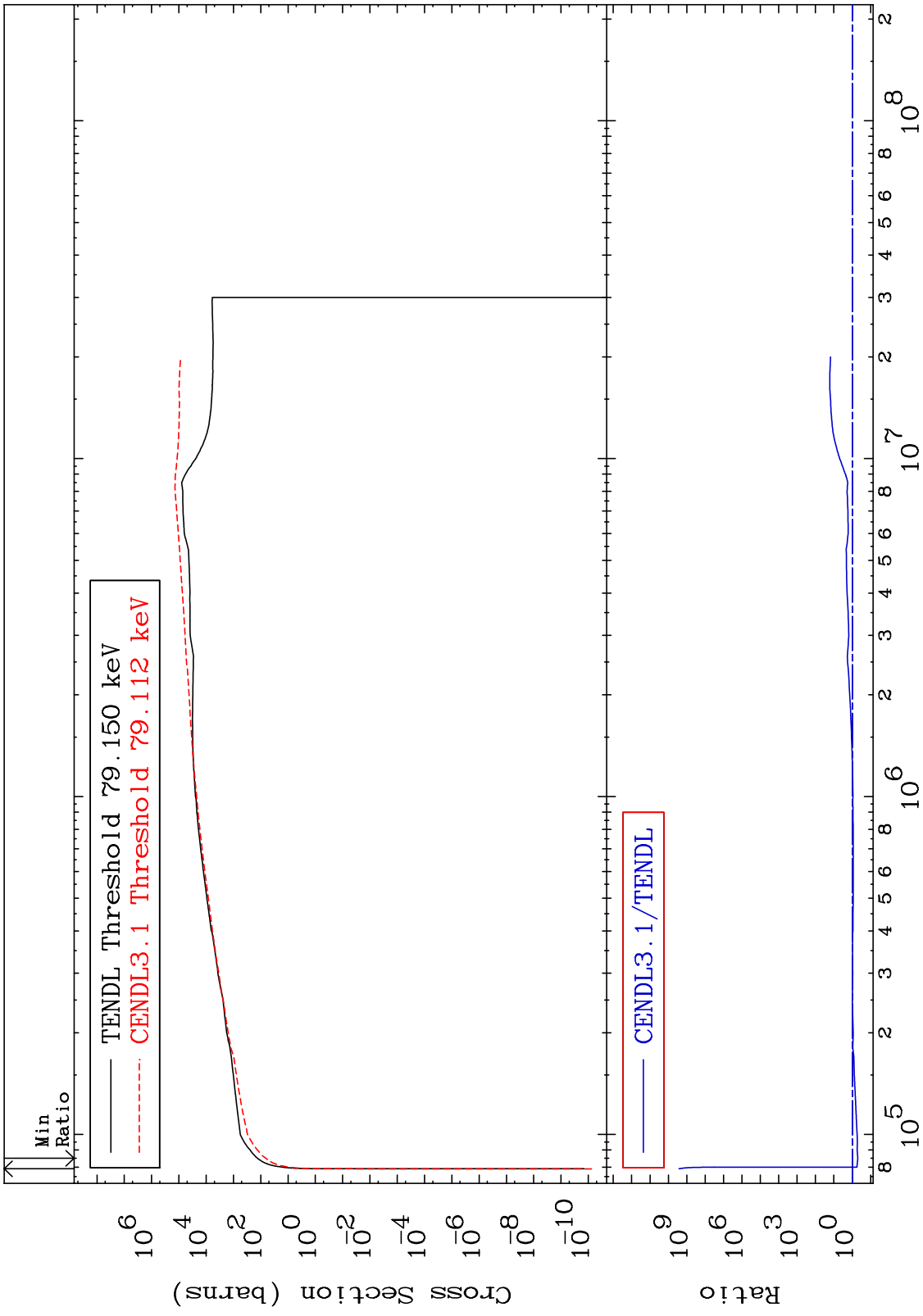
63-Eu-155
-56.96 To 9999. %



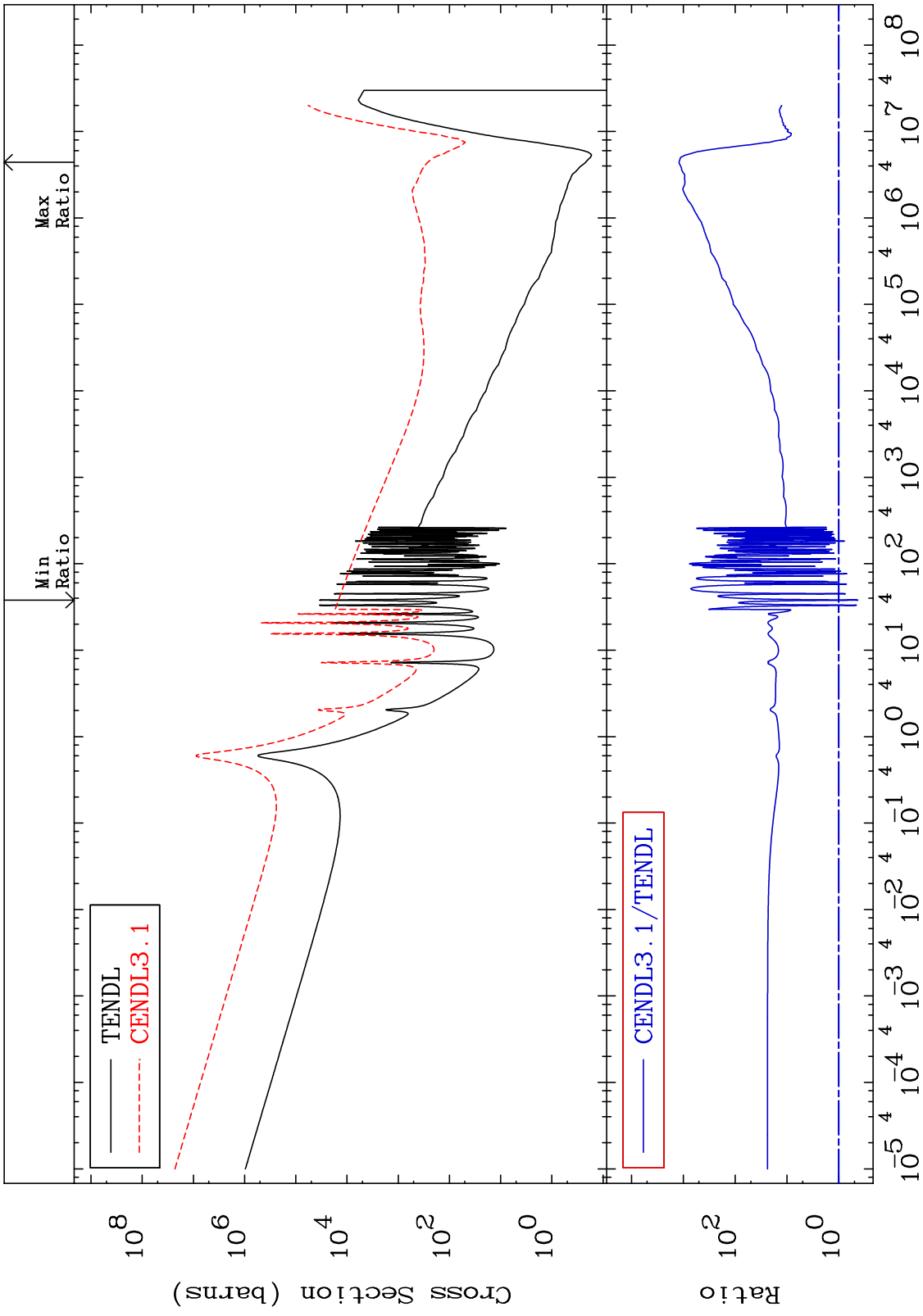
MAT 6337 63-Eu-155
 Dpa elastic (mt2) -76.56 To 9.122 %
 Cross Section



MAT 6337 Dpa inelastic (mt51-91) 63-Eu-155
 Cross Section -50.50 To 9999. %



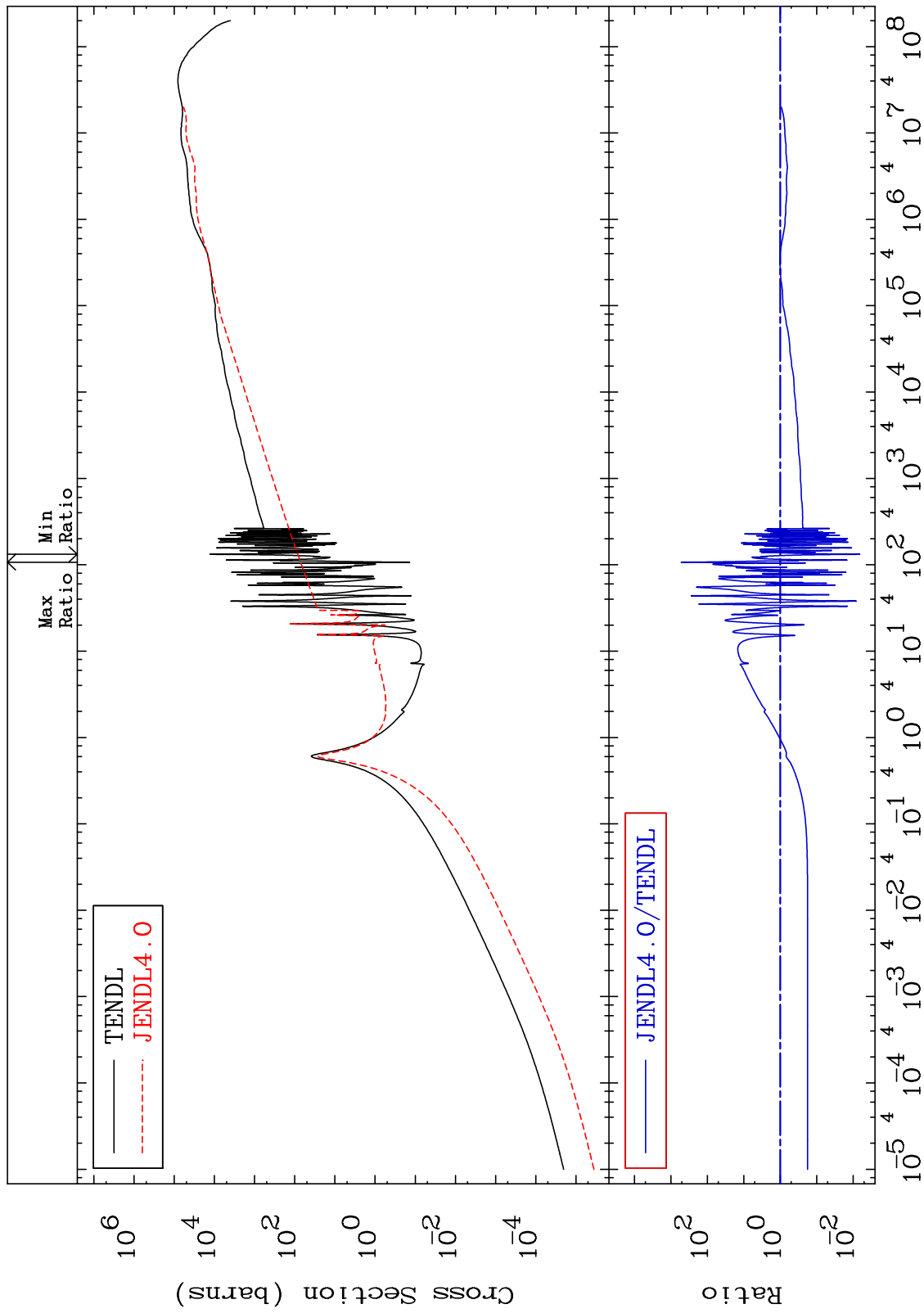
MAT 6337 Dpa disappearance (mt102 -120) 63-Eu-155
 Cross Section -56.96 To 9999. %



MAT 6337

Kerma elastic
Cross Section

63-Eu-155
-99.34 To 9999. %



37

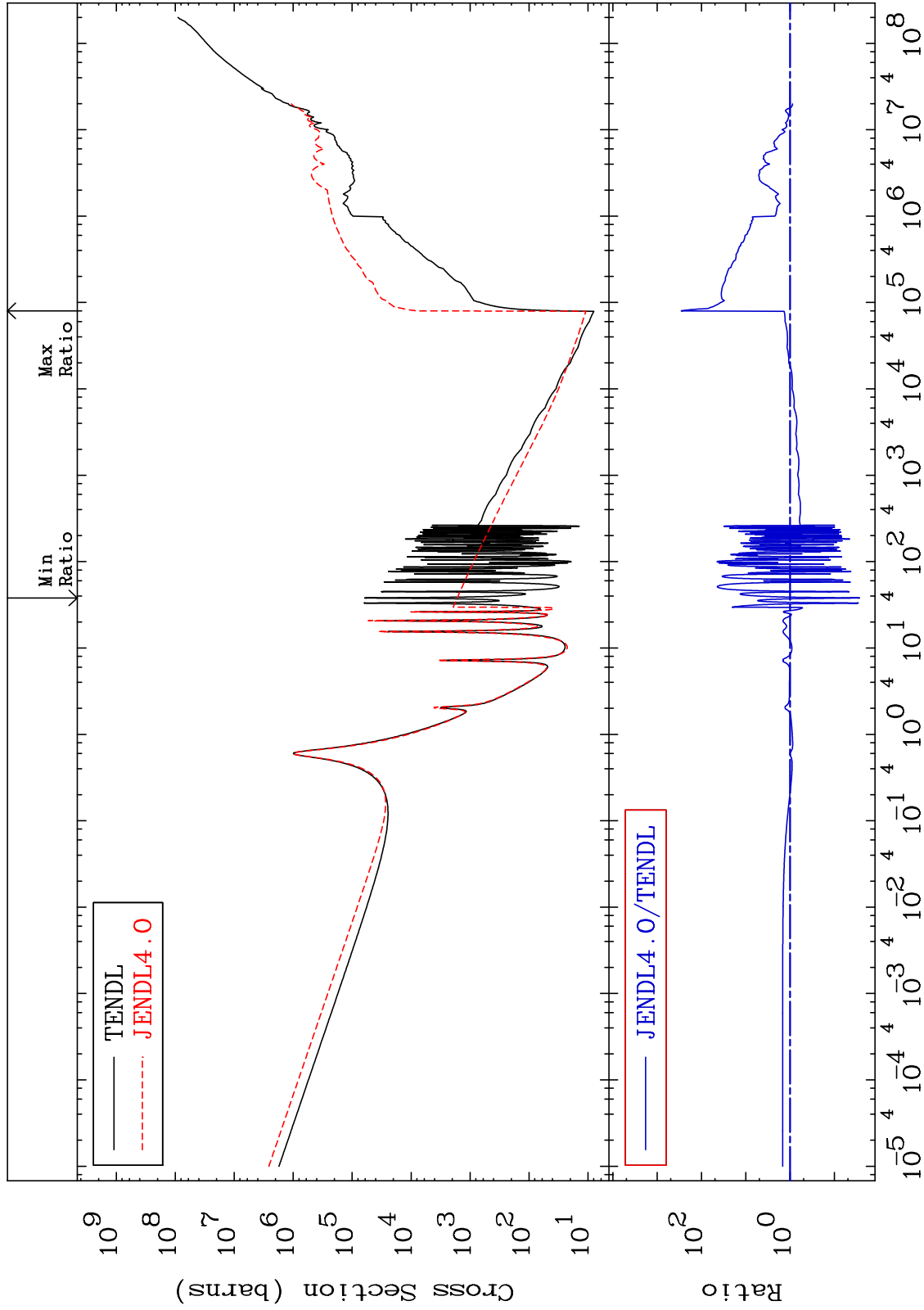
Incident Energy (eV)

63-Eu-155

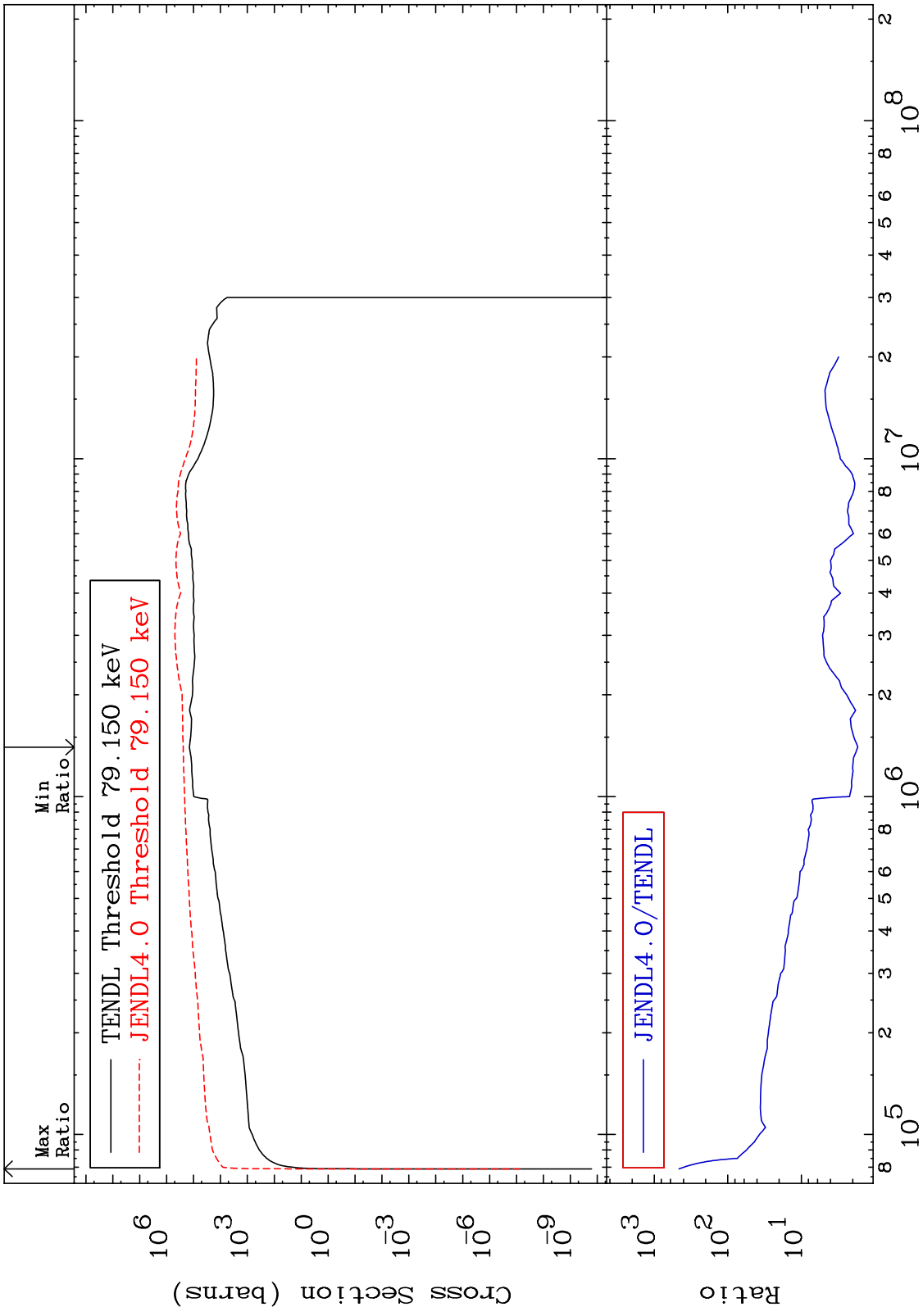
MAT 6337

Kerma non-elastic (all but mt2)
Cross Section

63-Eu-155
-97.31 To 9999. %



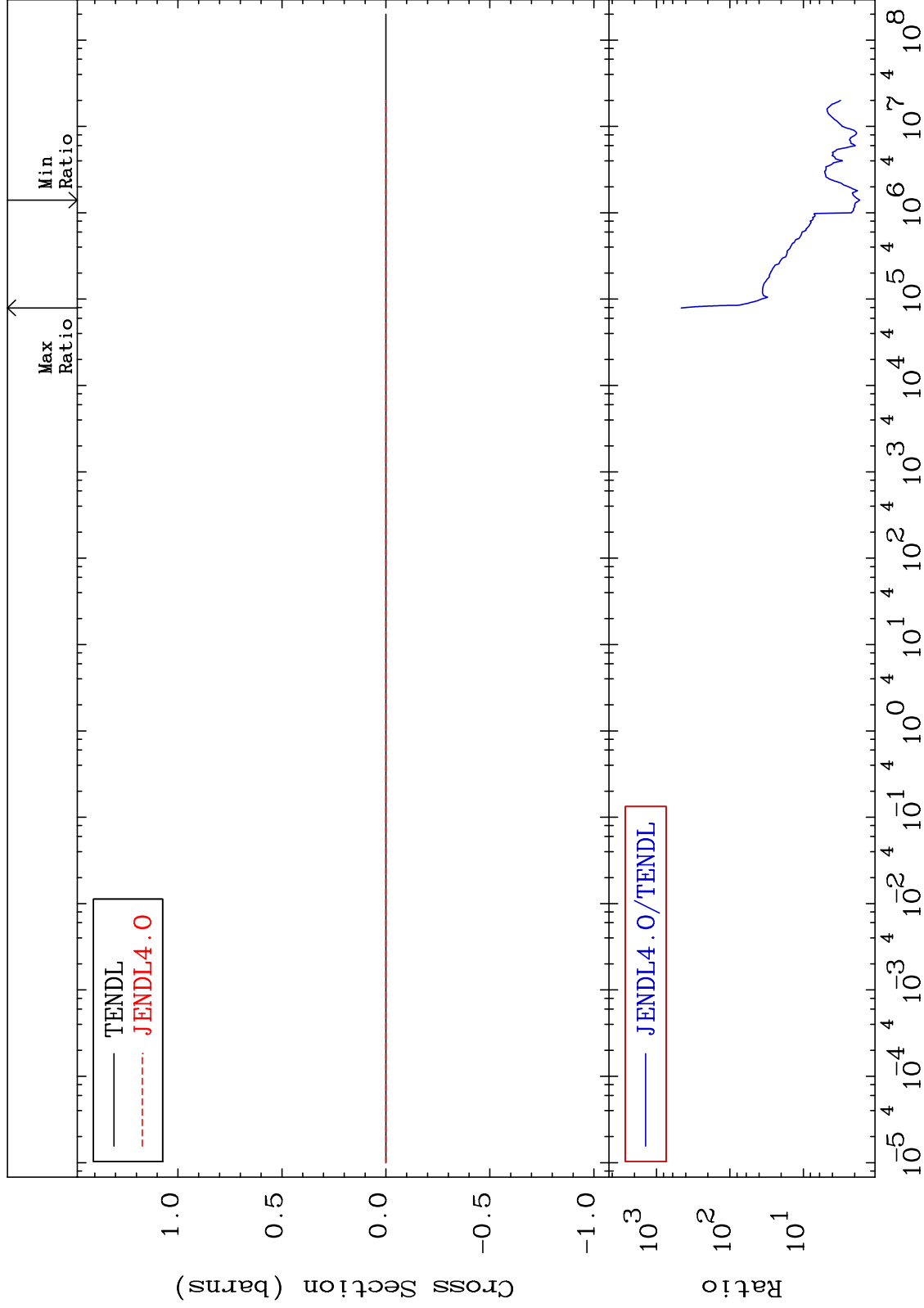
MAT 6337 Kerma inelastic (mt51-91) 63-Eu-155
 Cross Section 70.18 To 9999. %



MAT 6337

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

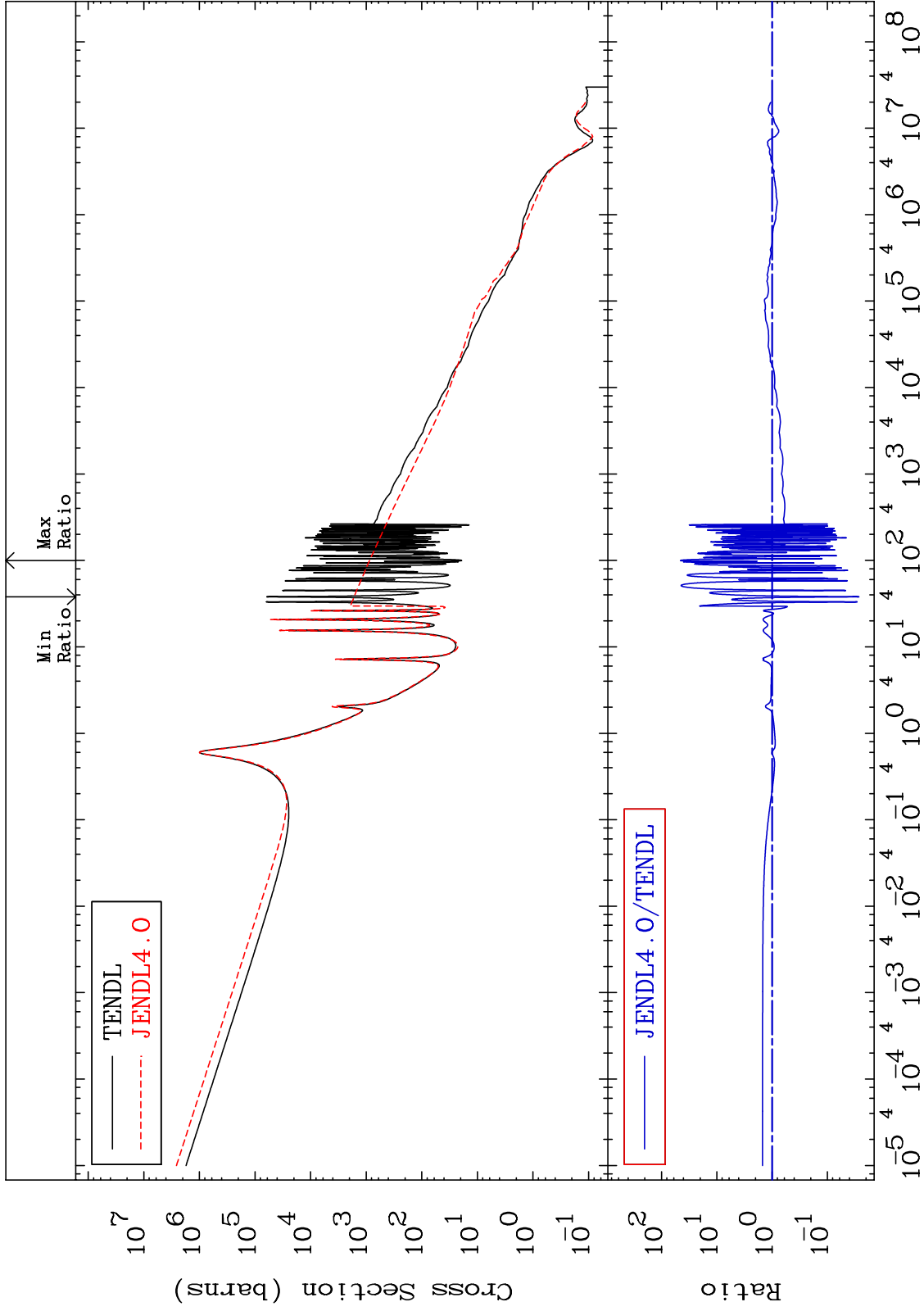
63-Eu-155
70.18 To 9999. %



MAT 6337

Kerma capture (mt102)
Cross Section

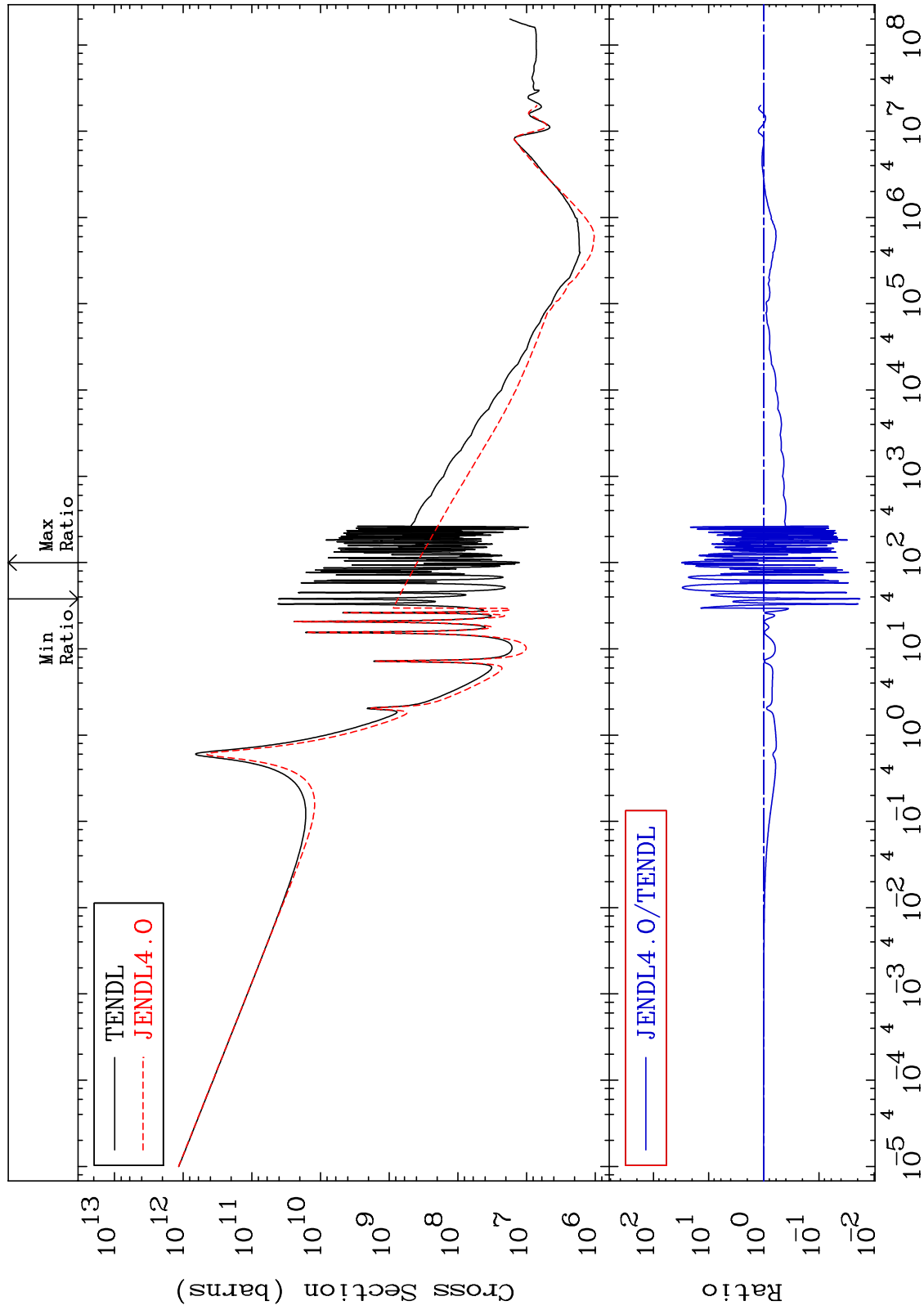
63-Eu-155
-97.31 To 4487. %



MAT 6337

Total photon (eV-barns)
Cross Section

63-Eu-155
-98.18 To 3013. %

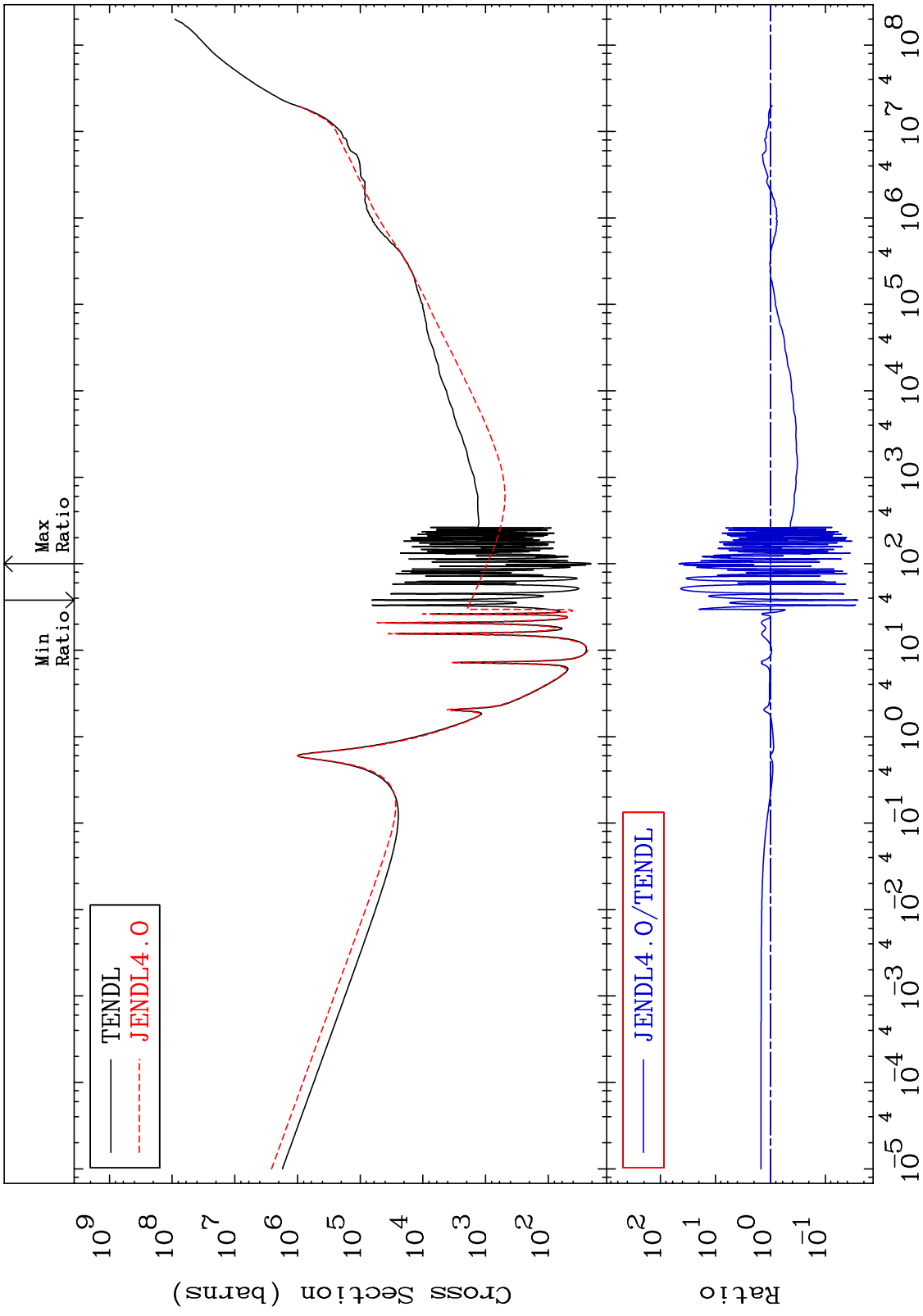


42

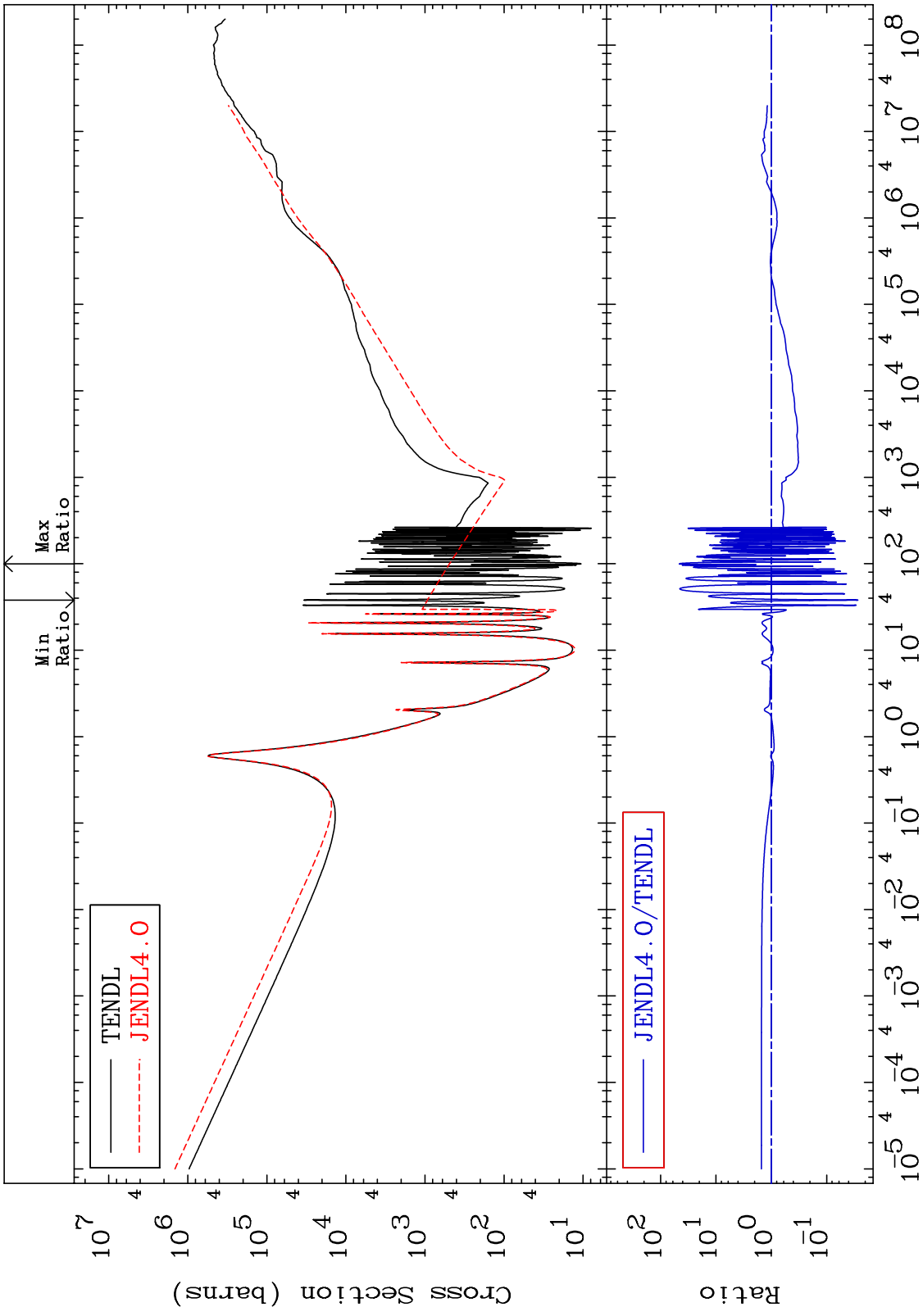
Incident Energy (eV)

63-Eu-155

MAT 6337 Total kinematic kerma (high limit) 63-Eu-155
 Cross Section -97.42 To 4501. %



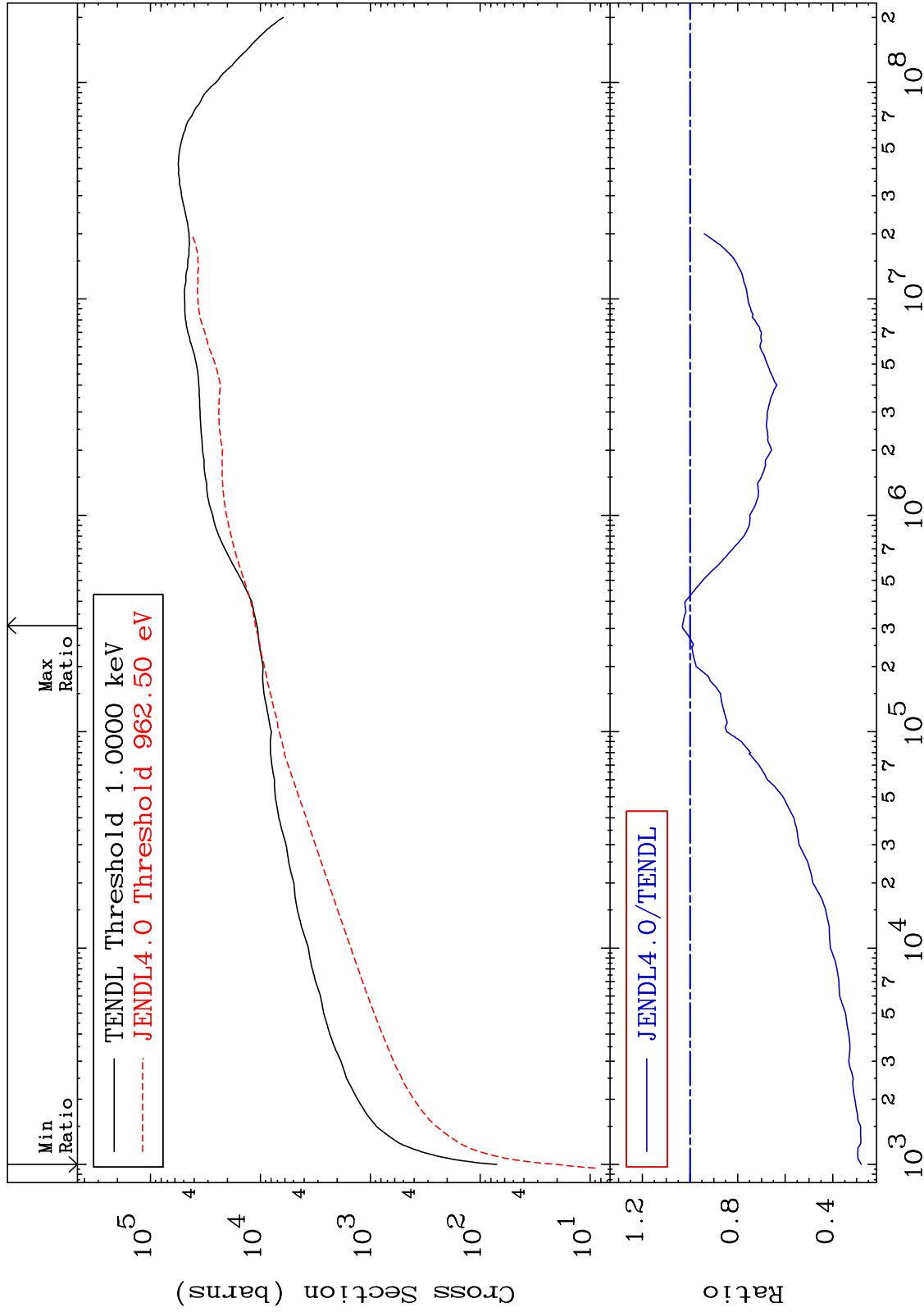
MAT 6337 Dpa total (eV-barns) 63-Eu-155
 Cross Section -97.27 To 4555. %



MAT 6337

Dpa elastic (mt2)
Cross Section

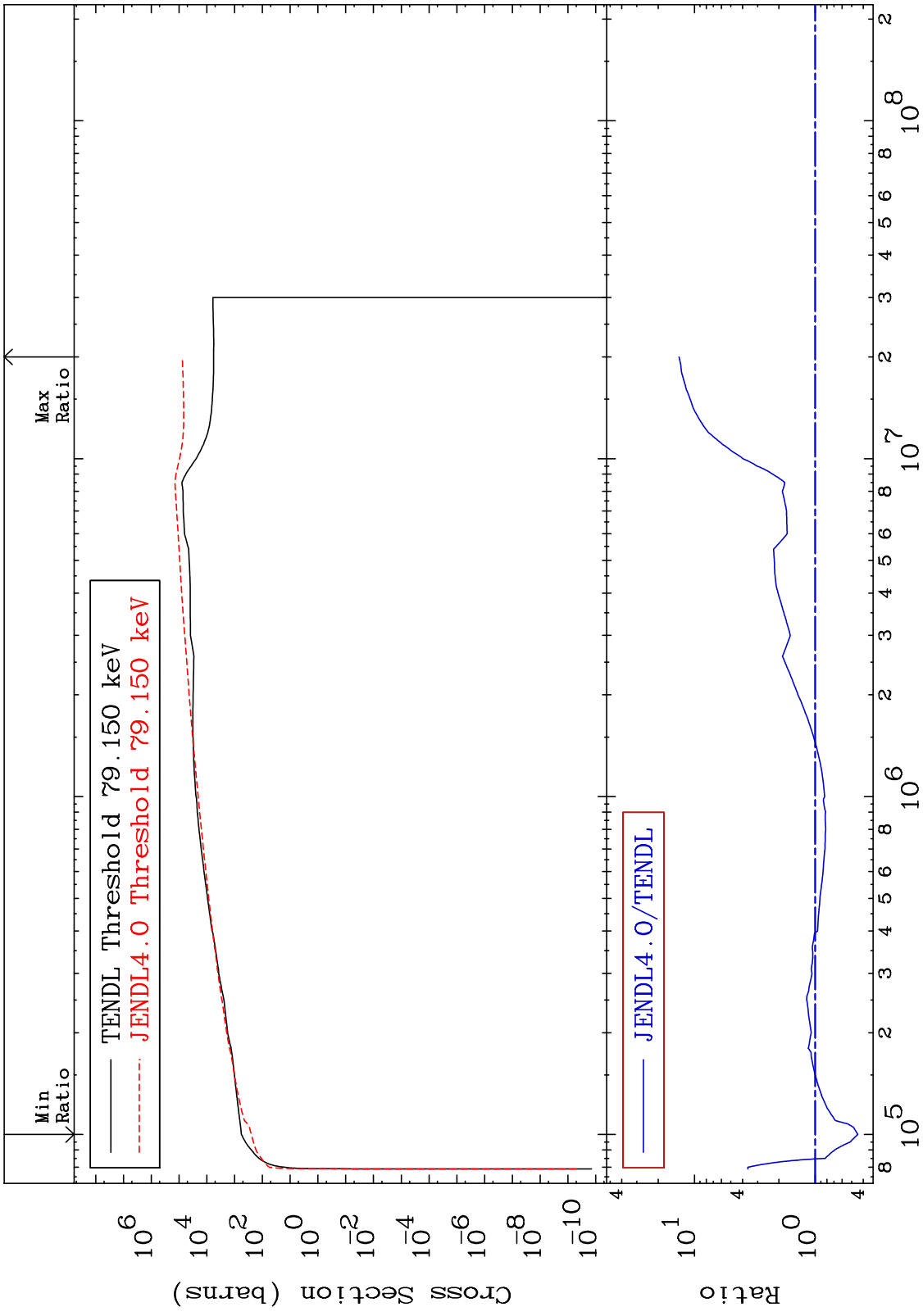
63-Eu-155
-71.94 To 3.186 %



45

63-Eu-155

MAT 6337 Dpa inelastic (mt51-91) 63-Eu-155
 Cross Section -55.61 To 1243. %



MAT 6337 Dpa disappearance (mt102 -120) 63-Eu-155
 Cross Section -97.27 To 4555. %

