

Program Complot
(Version 2018-1)

by

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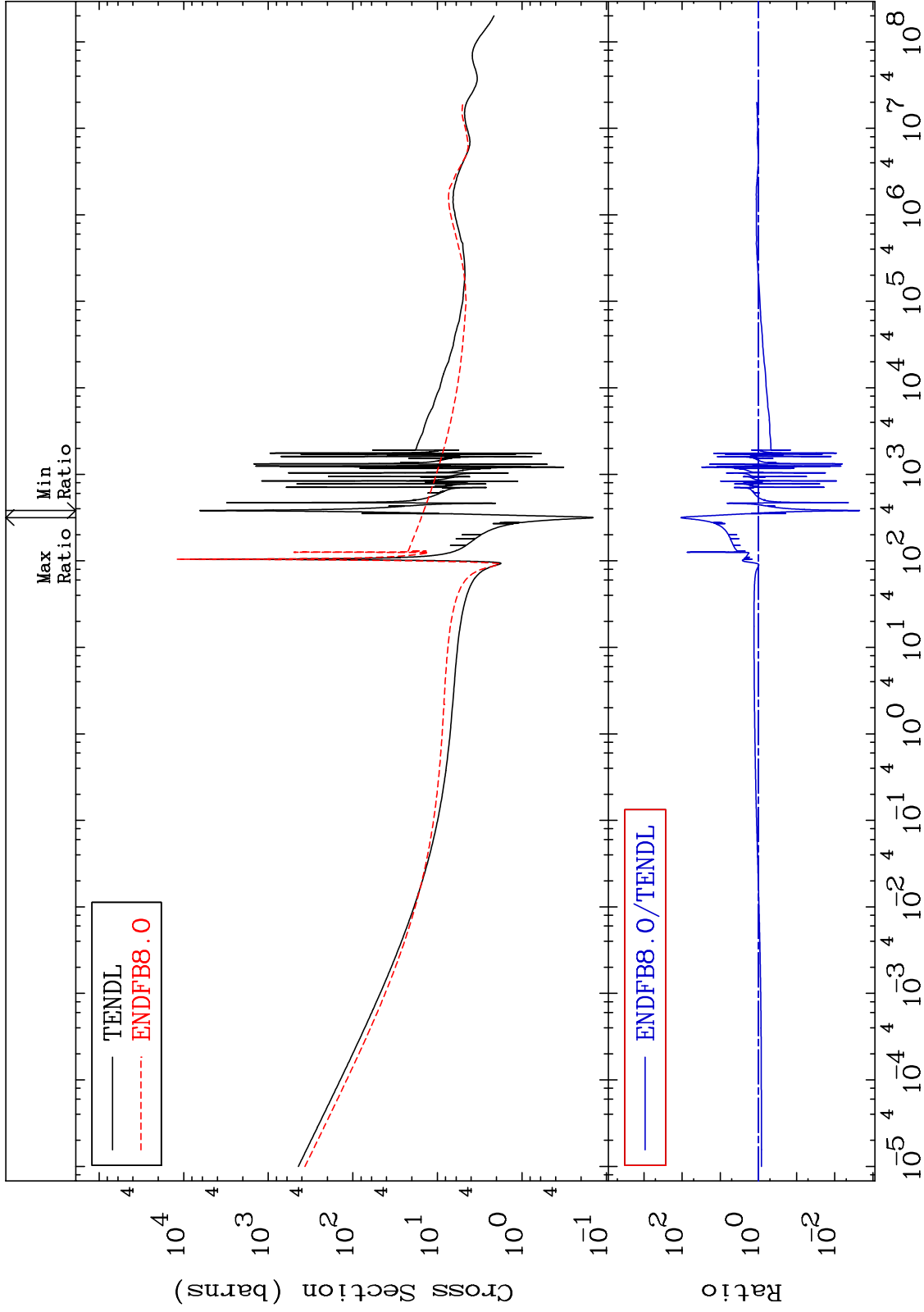
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5631

Total
Cross Section

56-Ba-132
-99.78 To 9999. %



Incident Energy (eV)

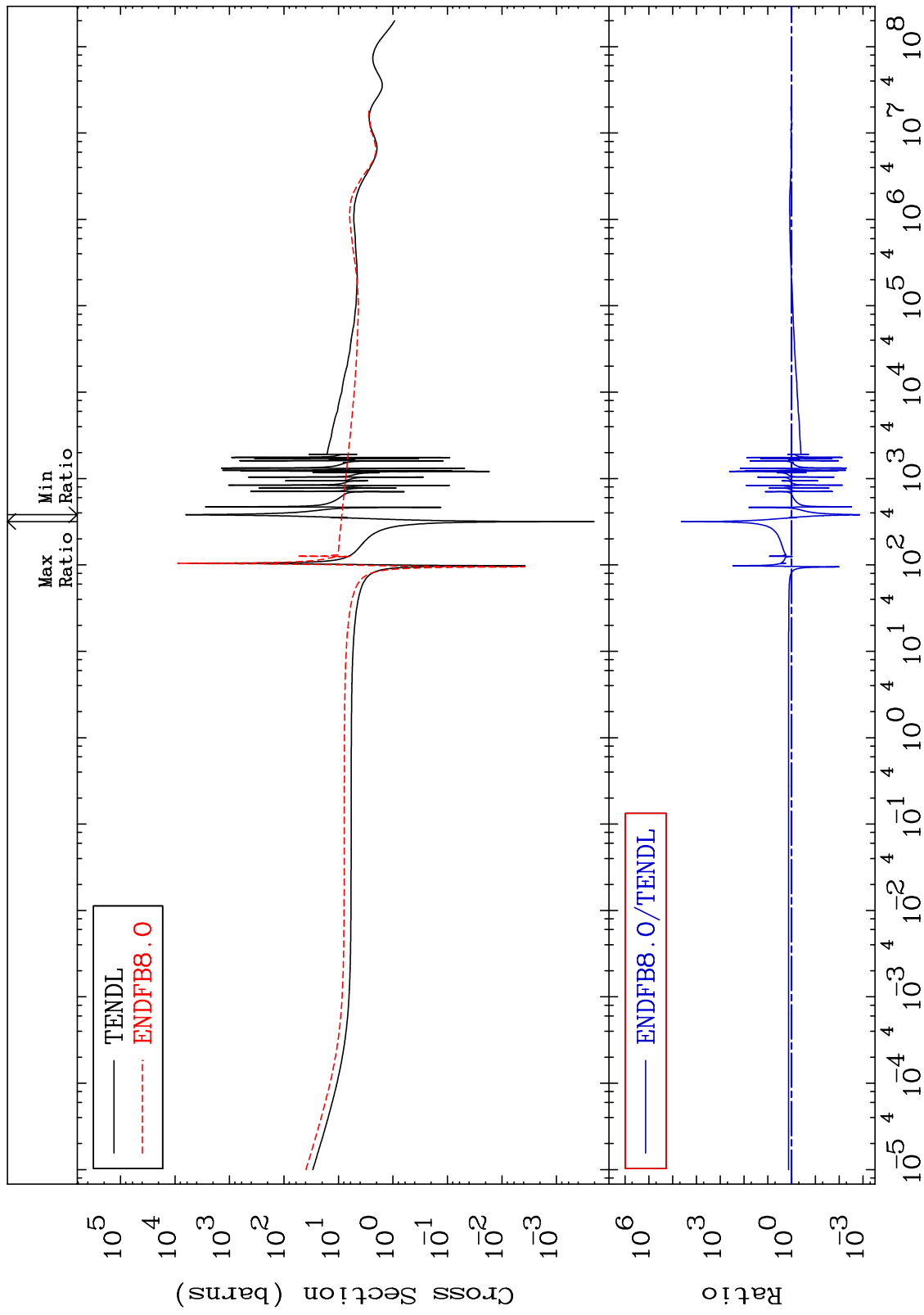
56-Ba-132

1

MAT 5631

Elastic
Cross Section

56-Ba-132
-99.86 To 9999. %

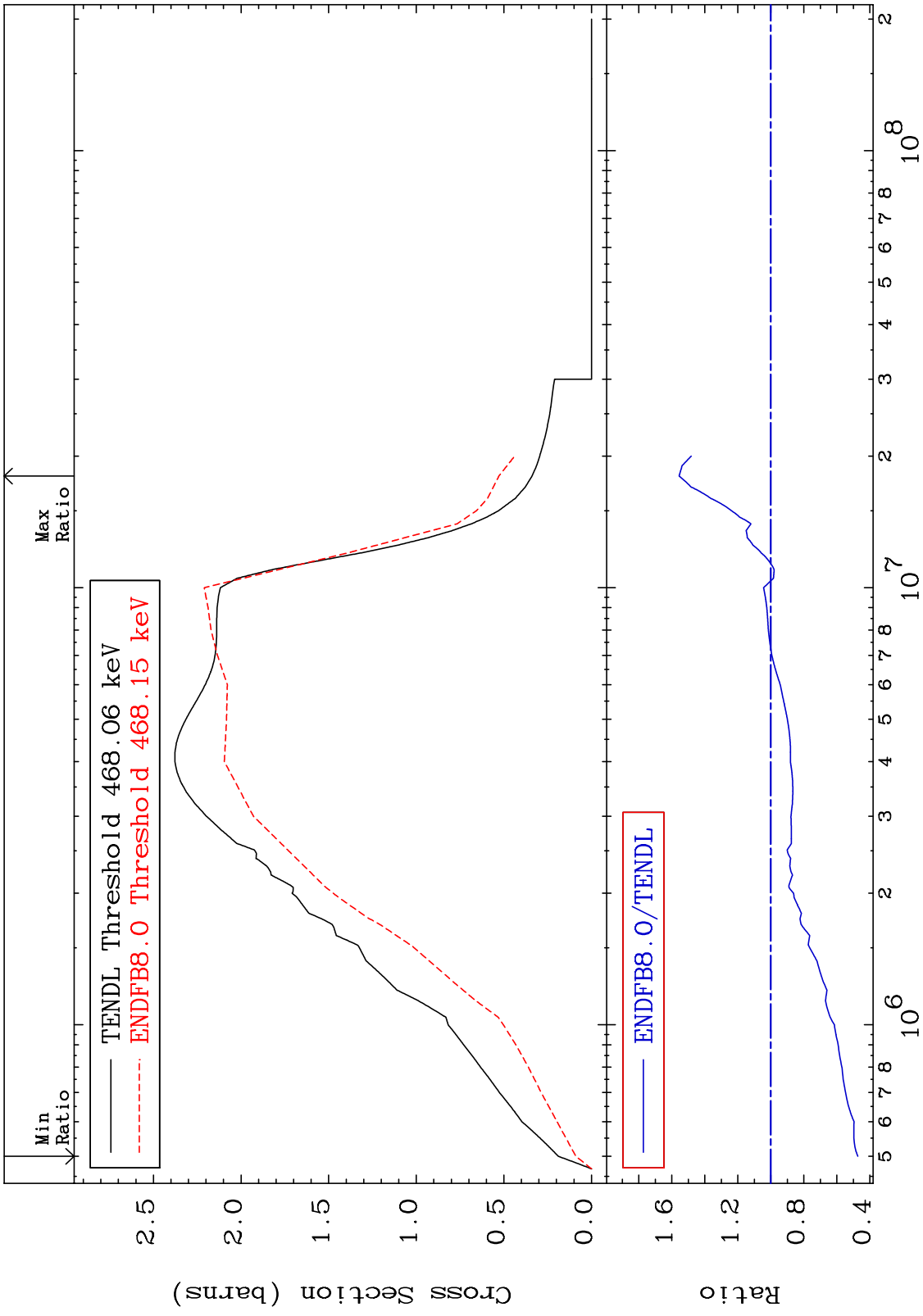


2

Incident Energy (eV)

56-Ba-132

MAT 5631 Inelastic Cross Section 56-Ba-132 -52.74 To 55.63 %



3 Incident Energy (eV) 56-Ba-132

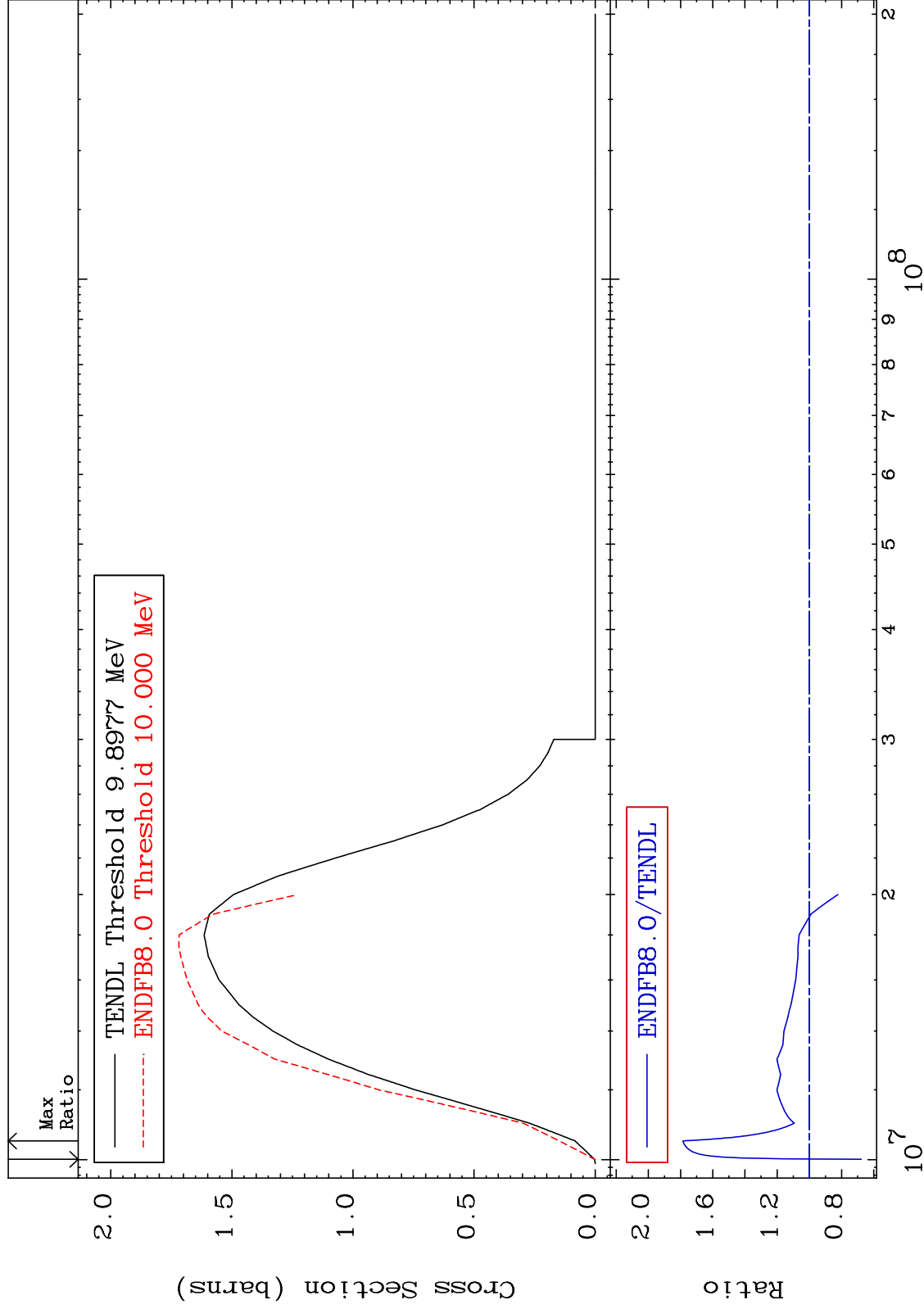
MAT 5631

(n,2n)

56-Ba-132

Cross Section

-32.28 To 78.68 %



56-Ba-132

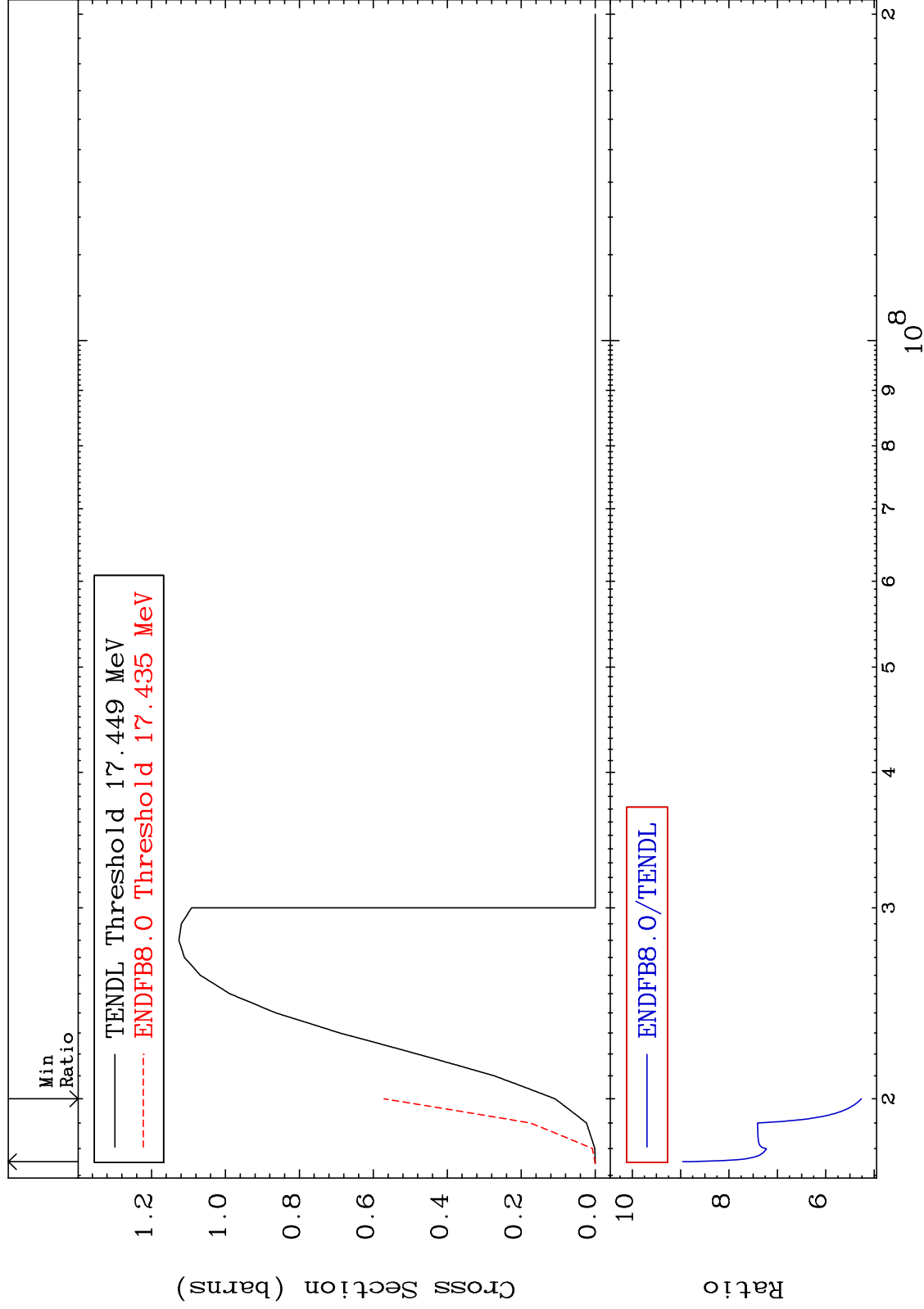
MAT 5631

(n,3n)

56-Ba-132

Cross Section

426.4 To 795.8 %



5

Incident Energy (eV)

56-Ba-132

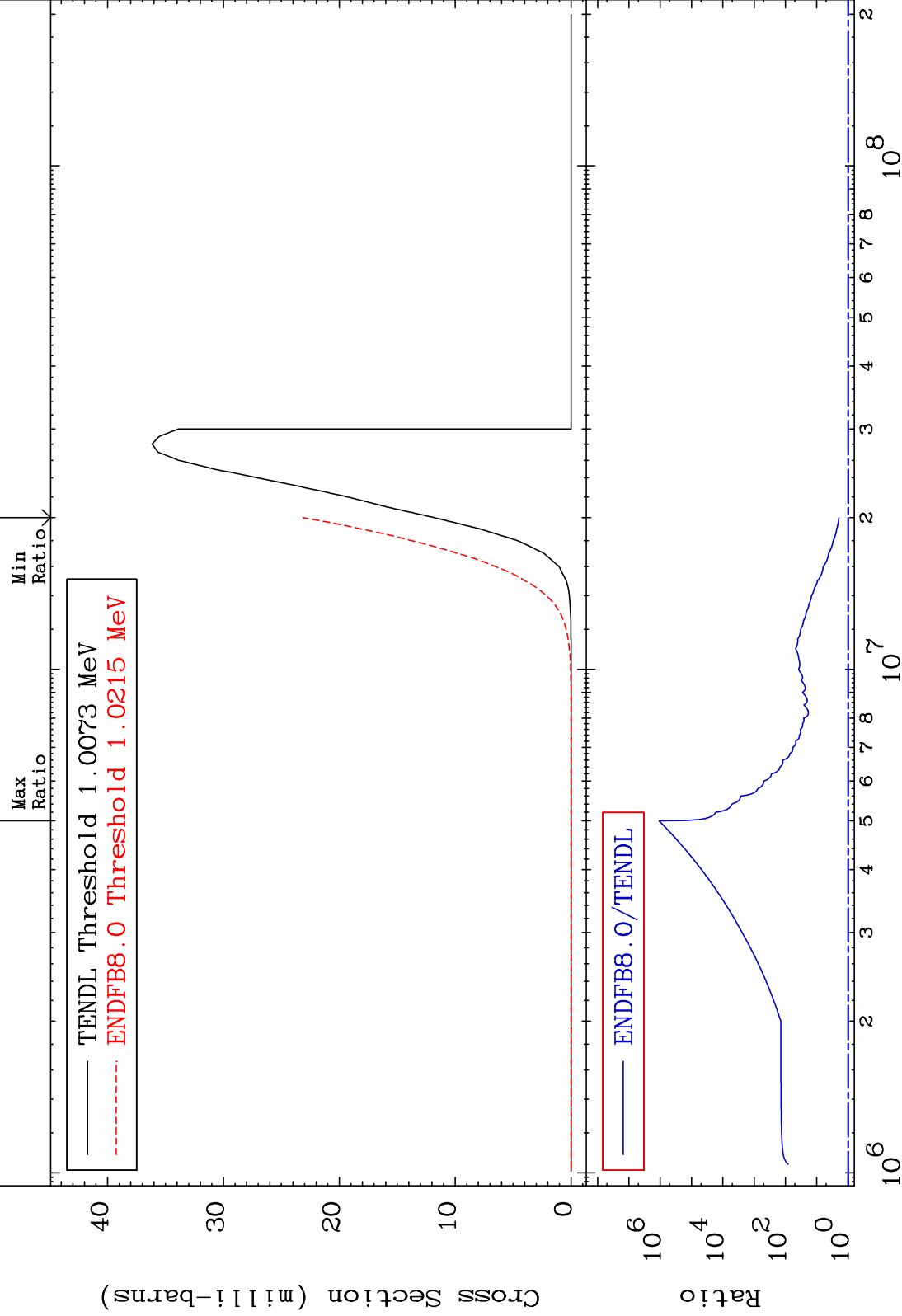
MAT 5631

(n, n') α

56-Ba-132

96.17 To 9999. %

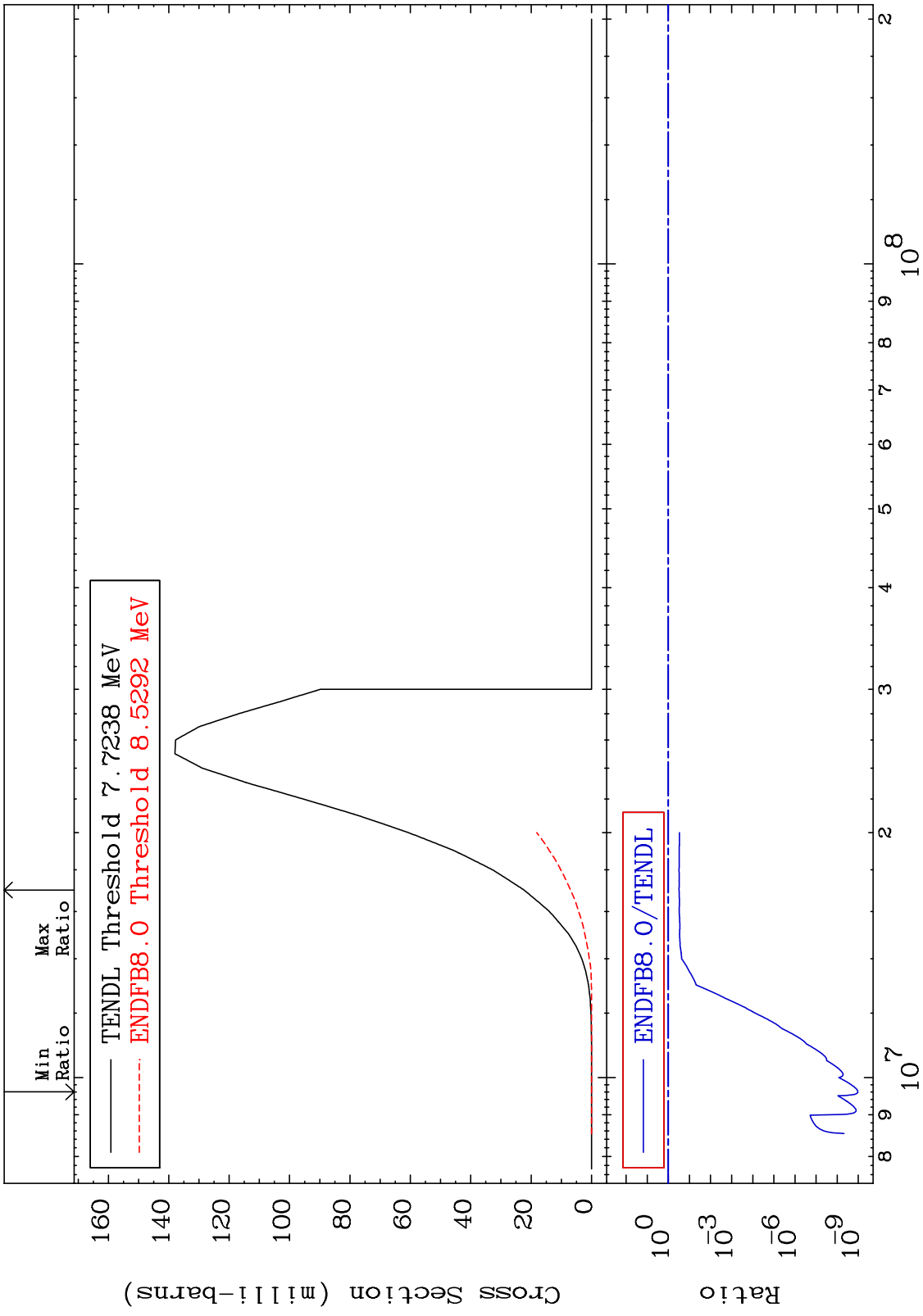
Cross Section



56-Ba-132

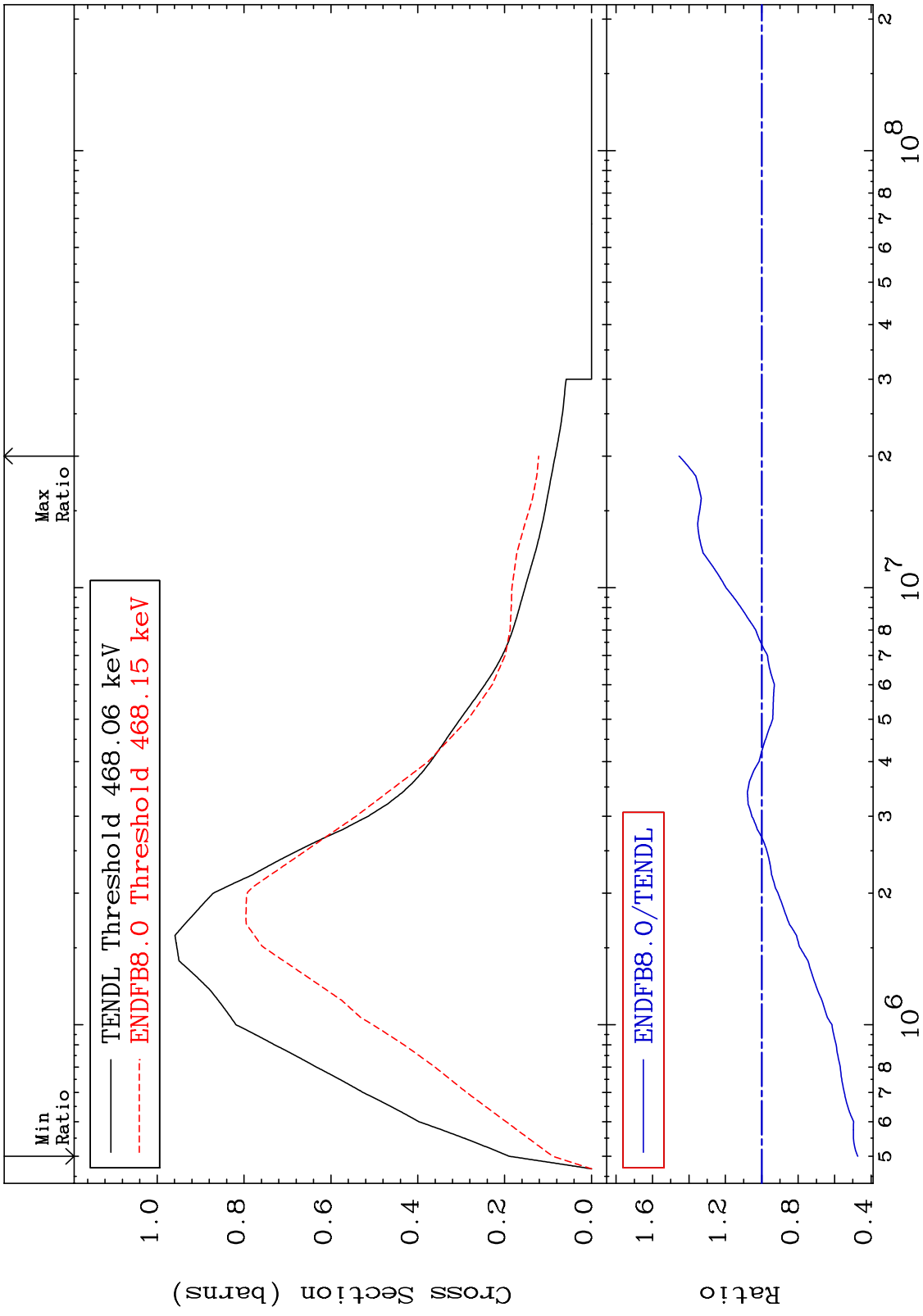
56-Ba-132

MAT 5631 56-Ba-132
(n,n') p
-100.0 To -68.89%
 Cross Section



Incident Energy (eV) 56-Ba-132

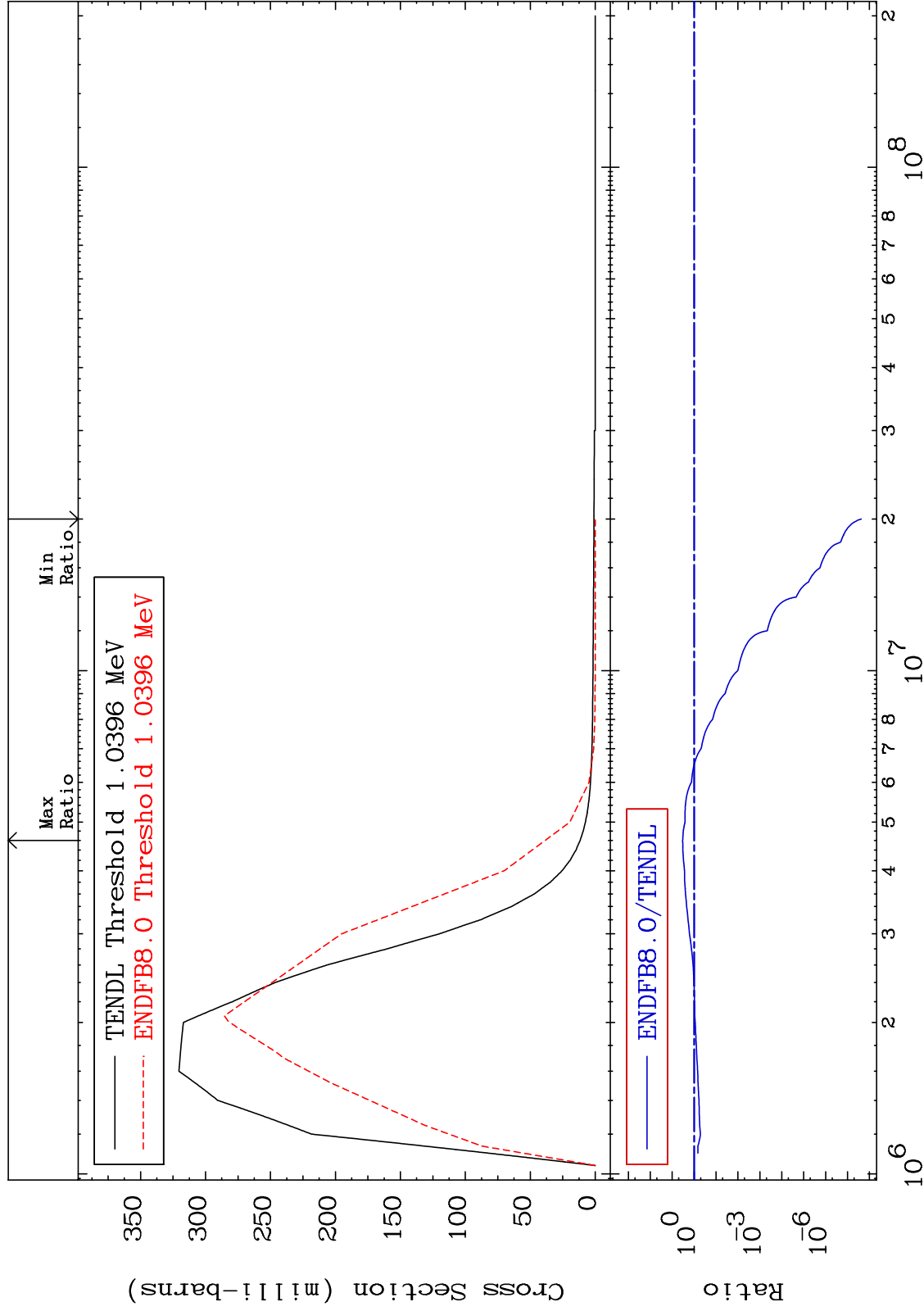
MAT 5631 MT= 51 (n,n') Level Cross Section 56-Ba-132 -52.74 To 45.43 %



MAT 5631

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

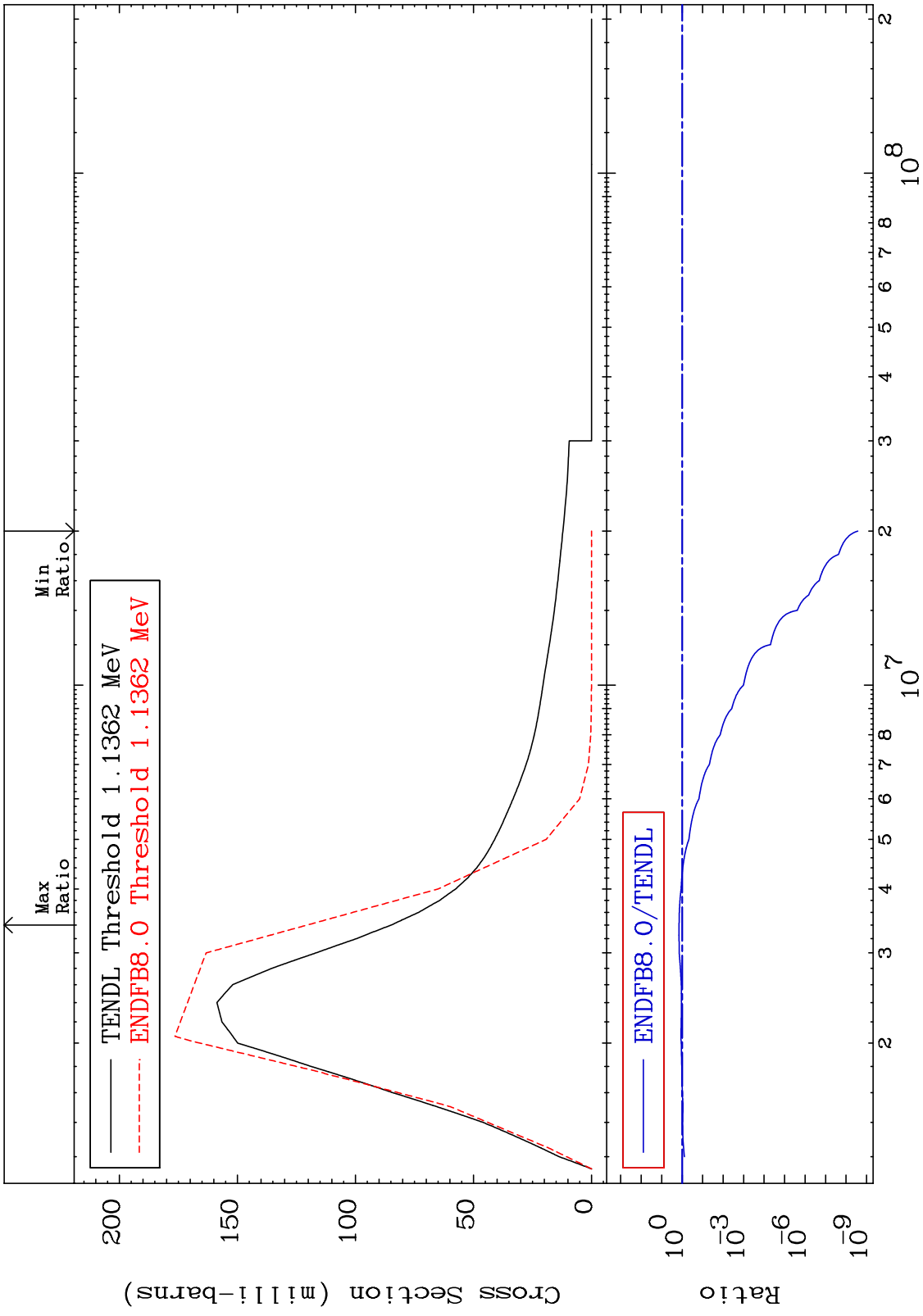
56-Ba-132
-100.0 To 231.7 %



Incident Energy (eV)

56-Ba-132

MAT 5631 MT= 53 (n,n') Level Cross Section 56-Ba-132 -100.0 To 42.02 %

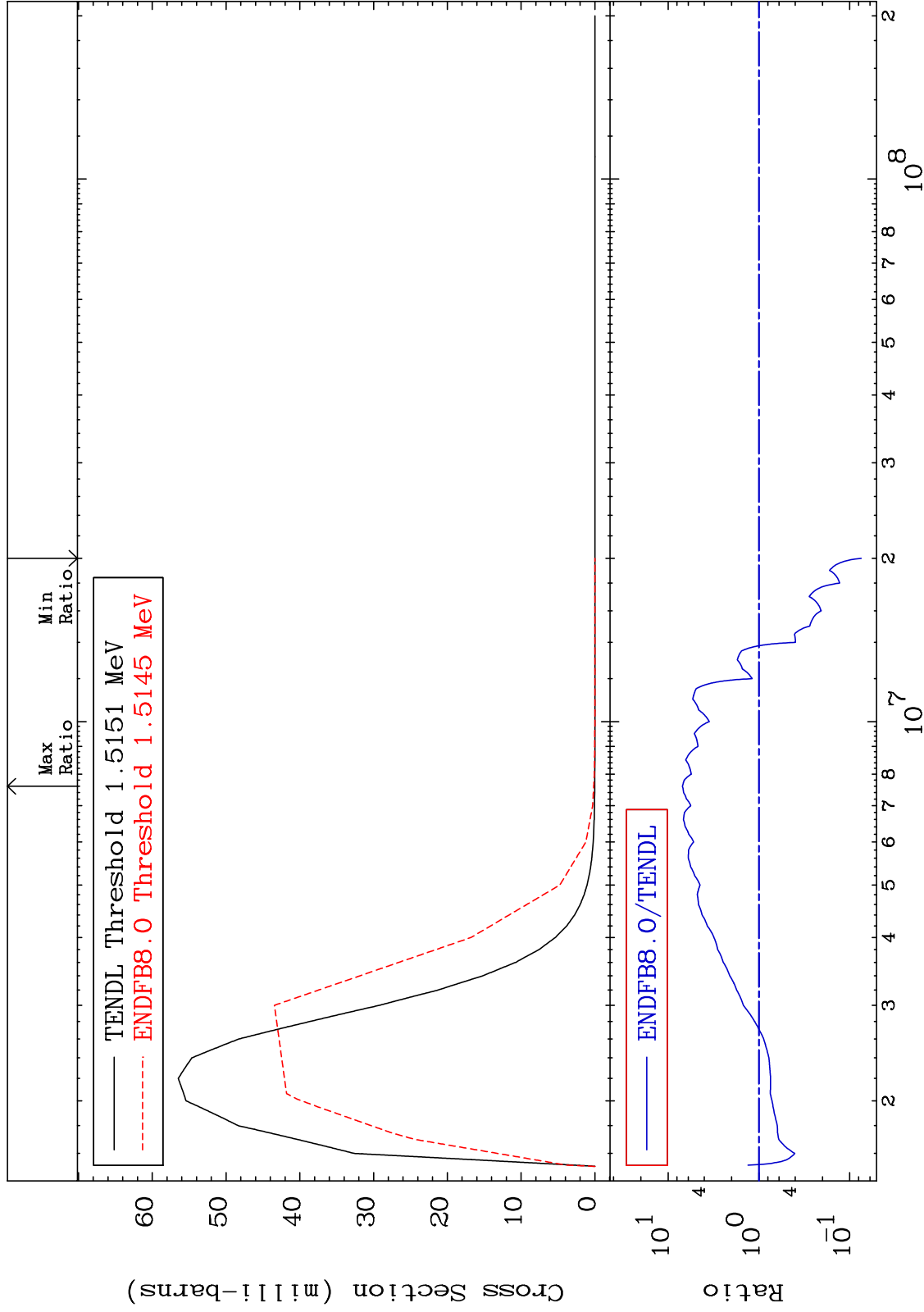


10 56-Ba-132

MAT 5631

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

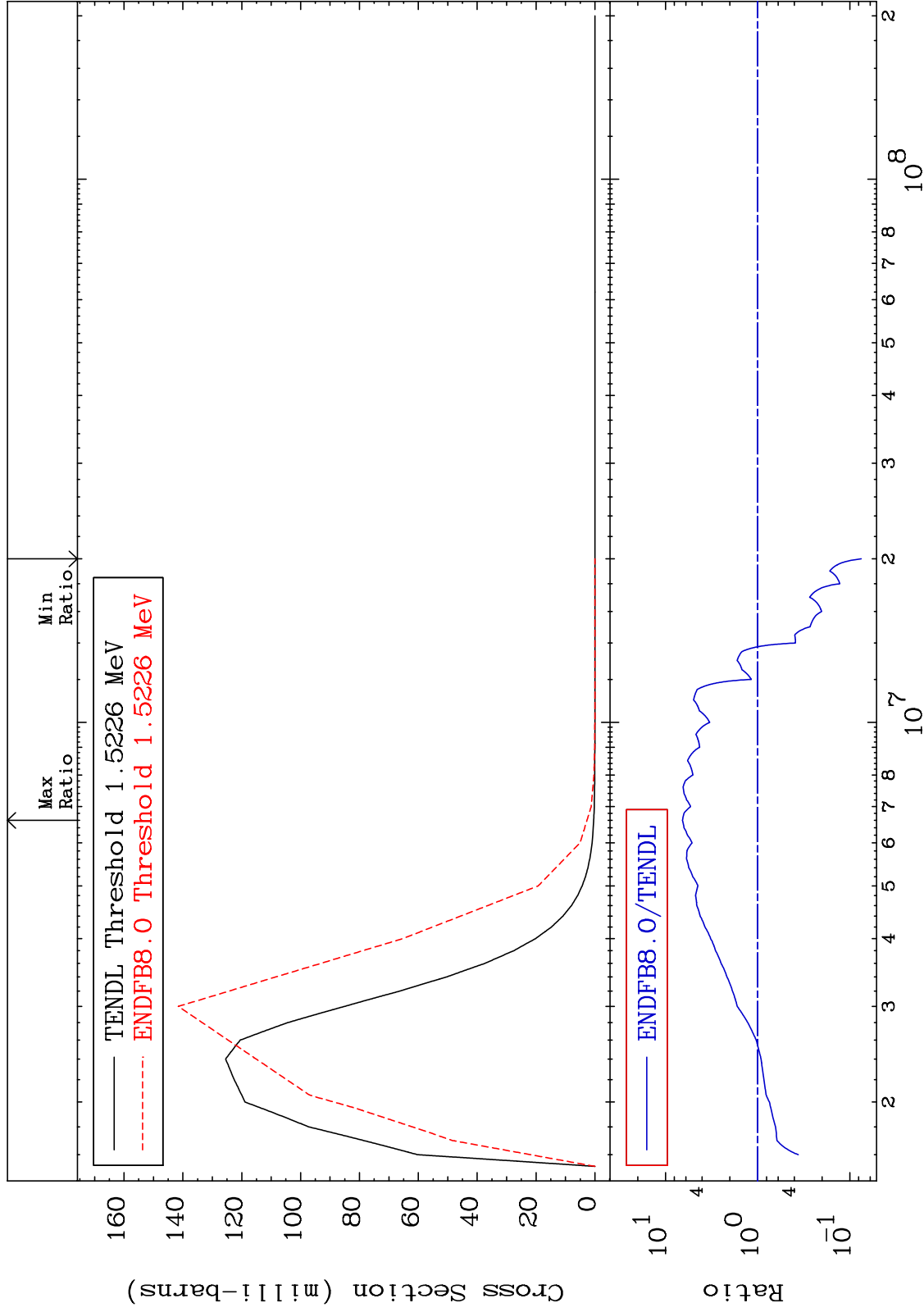
56-Ba-132
-92.54 To 596.7 %



MAT 5631

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

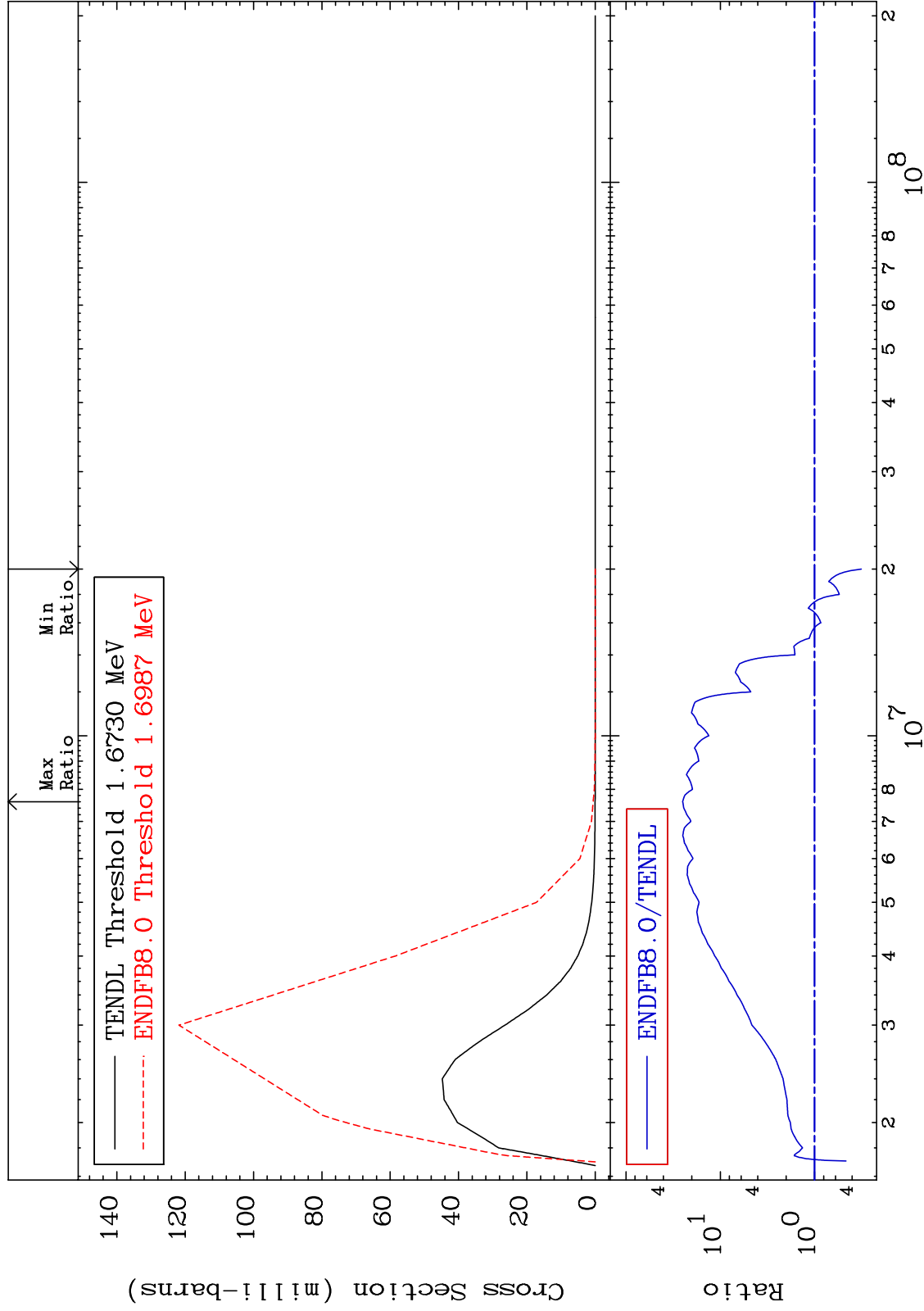
56-Ba-132
-92.50 To 554.2 %



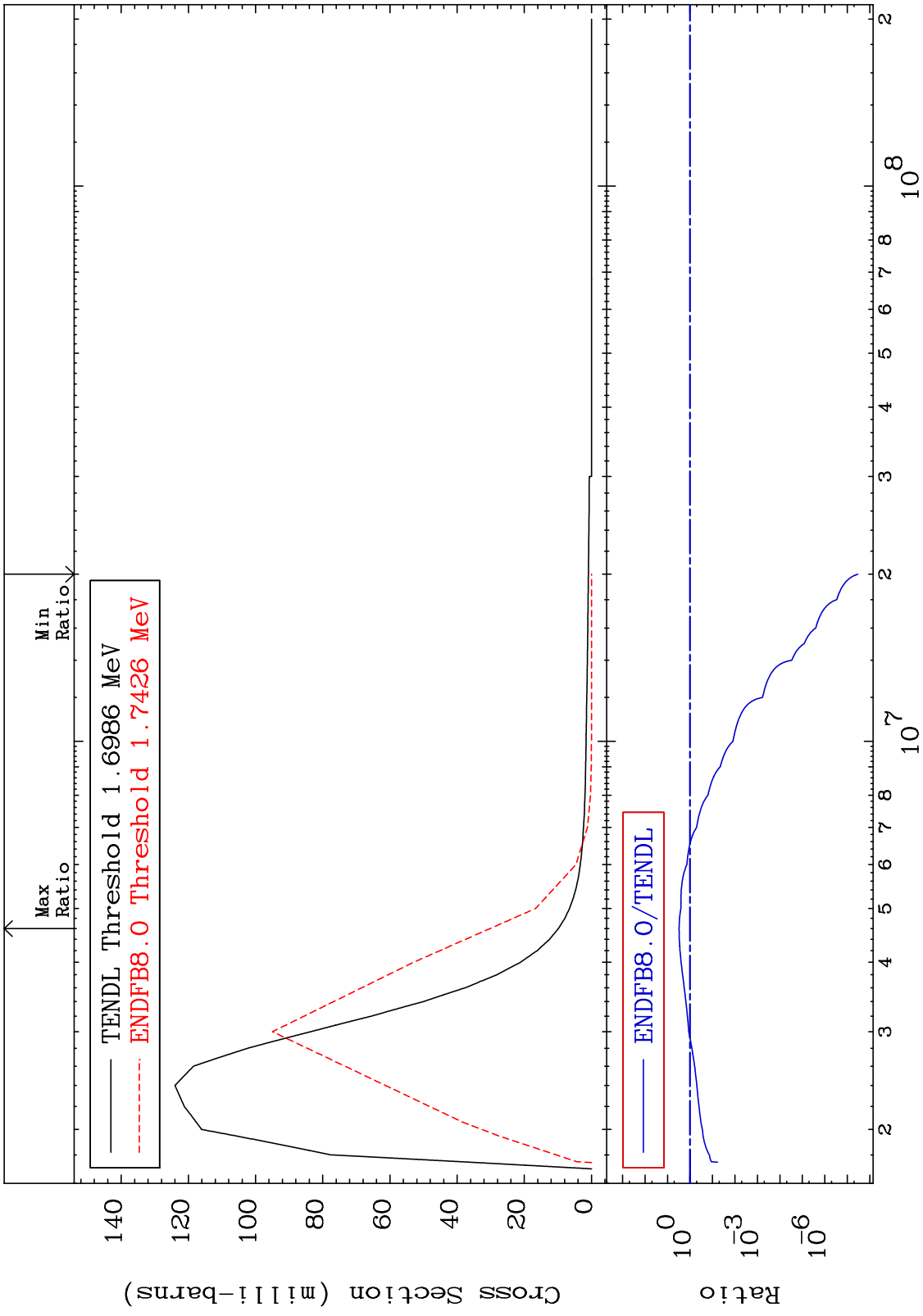
MAT 5631

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

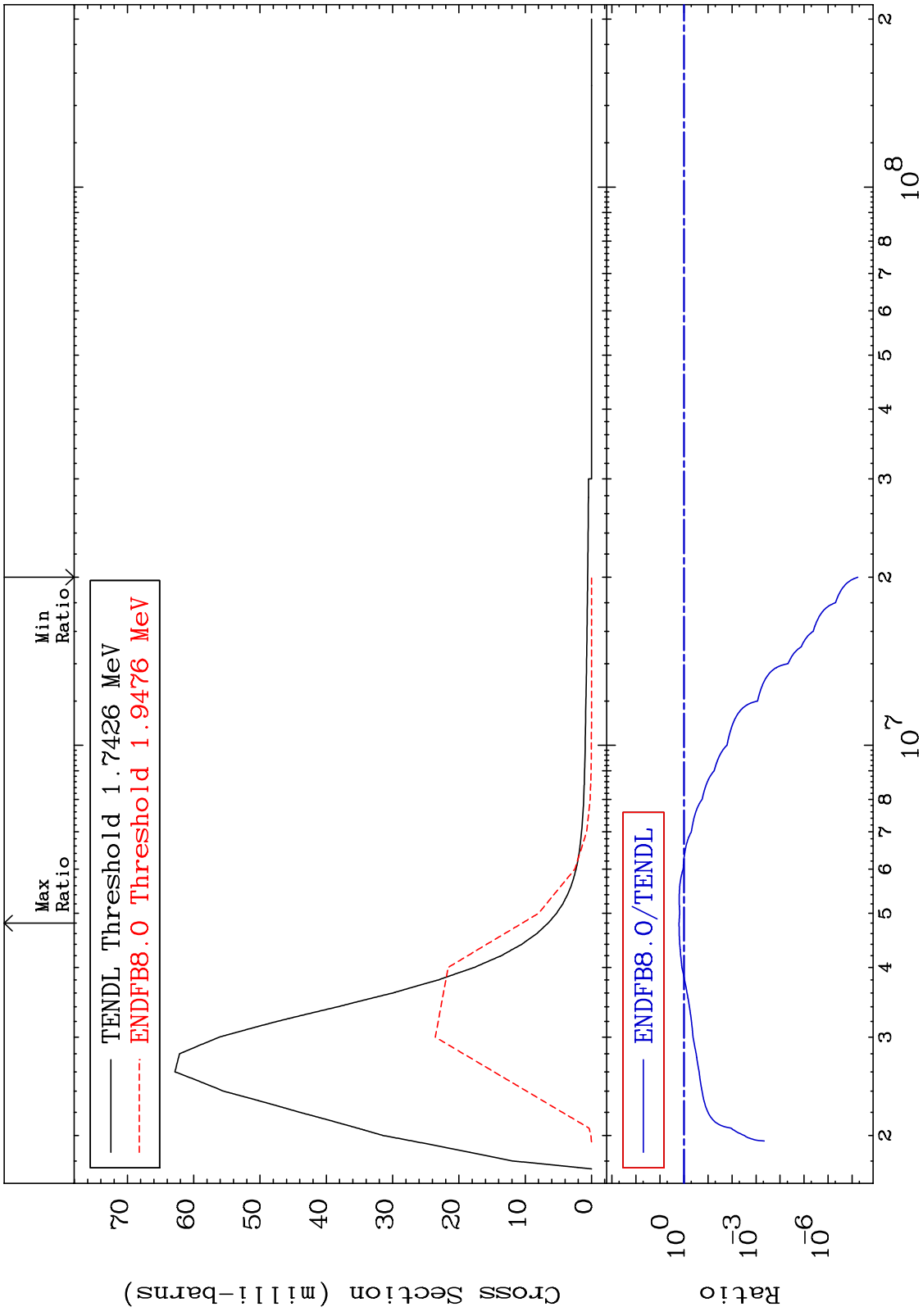
56-Ba-132
-68.01 To 2404. %



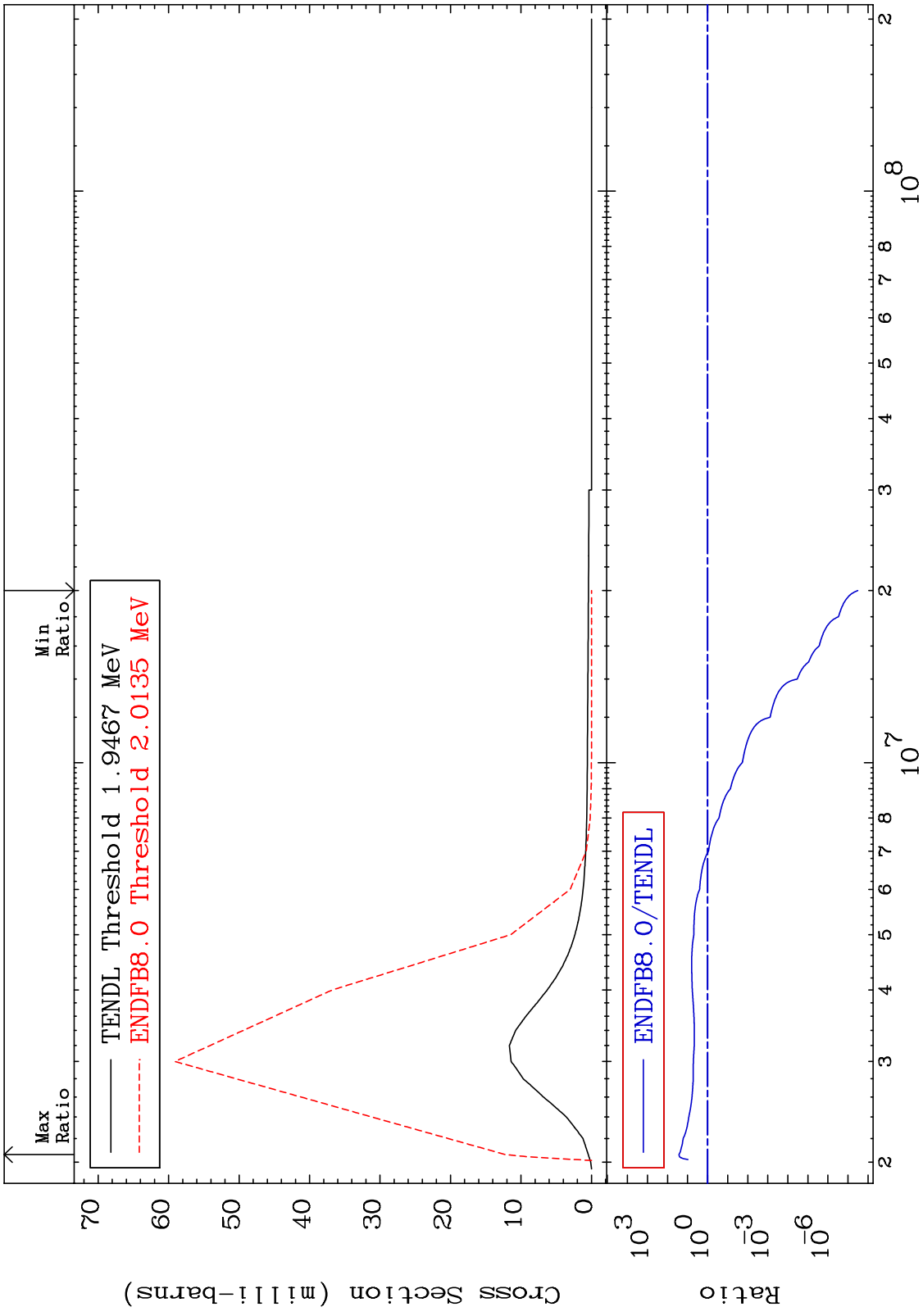
MAT 5631 MT= 57 (n,n') Level Cross Section 56-Ba-132 -100.0 To 206.5 %



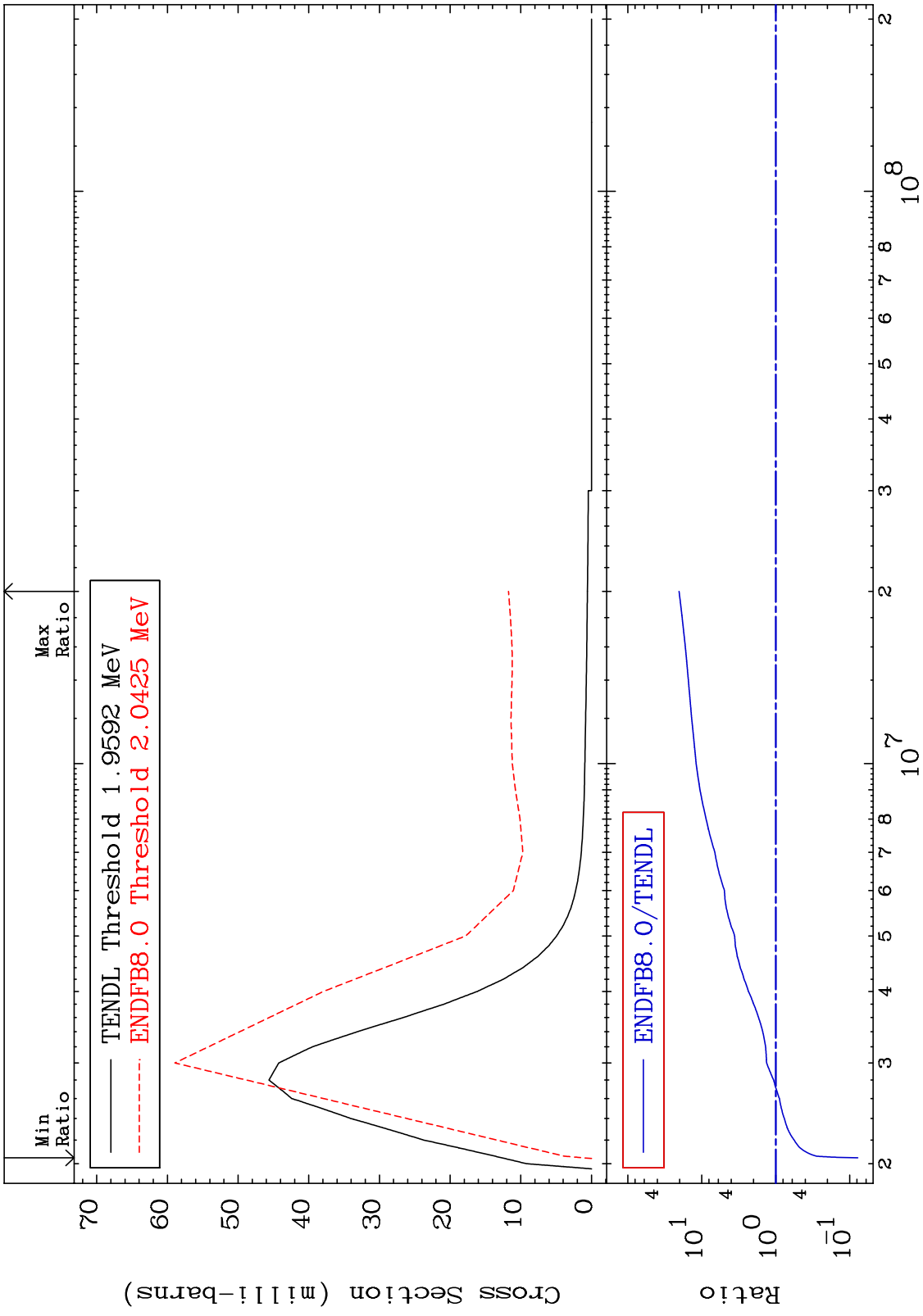
MAT 5631 MT= 58 (n,n') Level Cross Section 56-Ba-132 -100.0 To 60.08 %



MAT 5631 MT= 59 (n,n') Level Cross Section 56-Ba-132 -100.0 To 2566. %



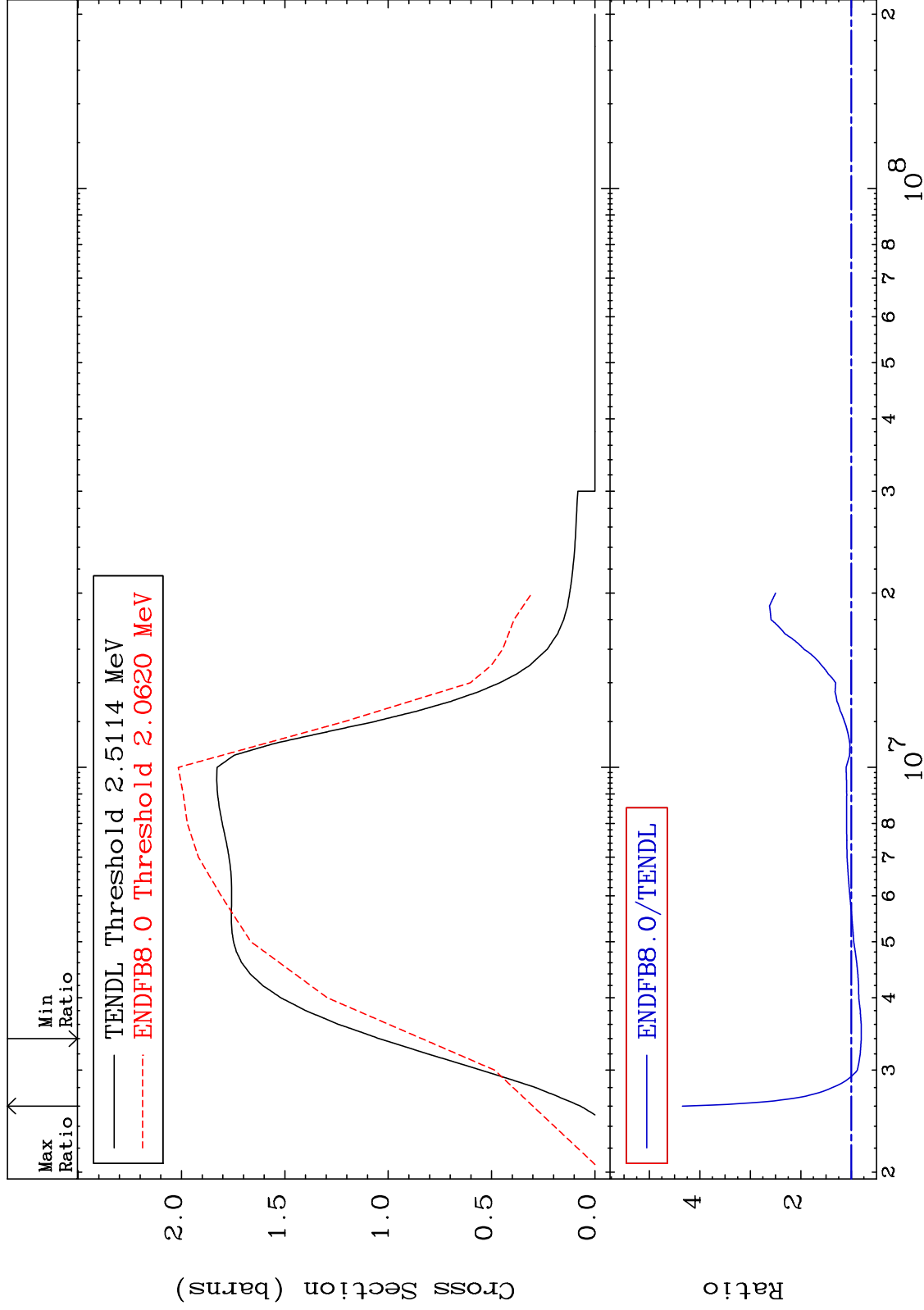
MAT 5631 MT= 60 (n,n') Level Cross Section 56-Ba-132 -92.22 To 1931. %



MAT 5631

(n,n') Continuum
Cross Section

56-Ba-132
-19.78 To 334.3 %

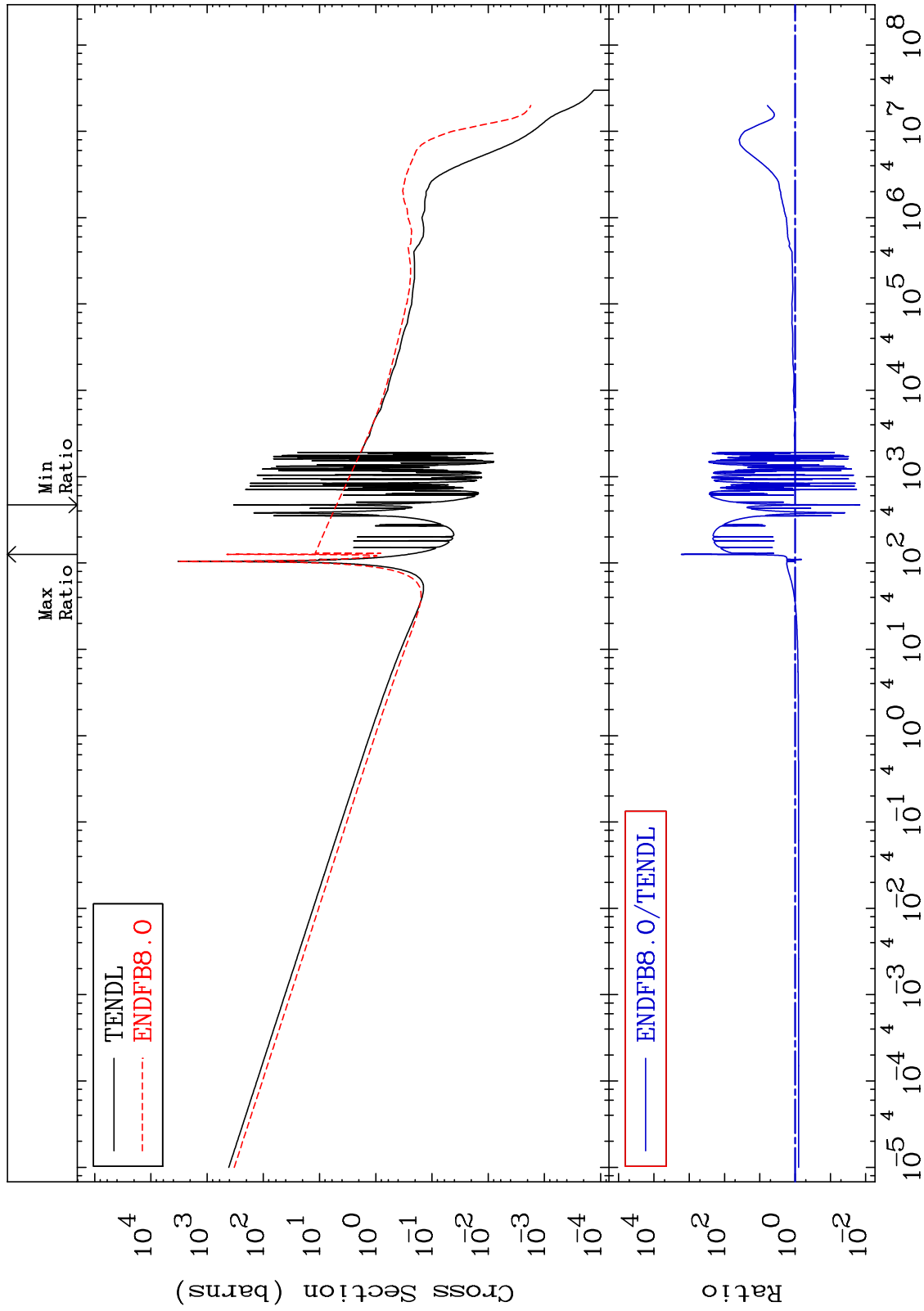


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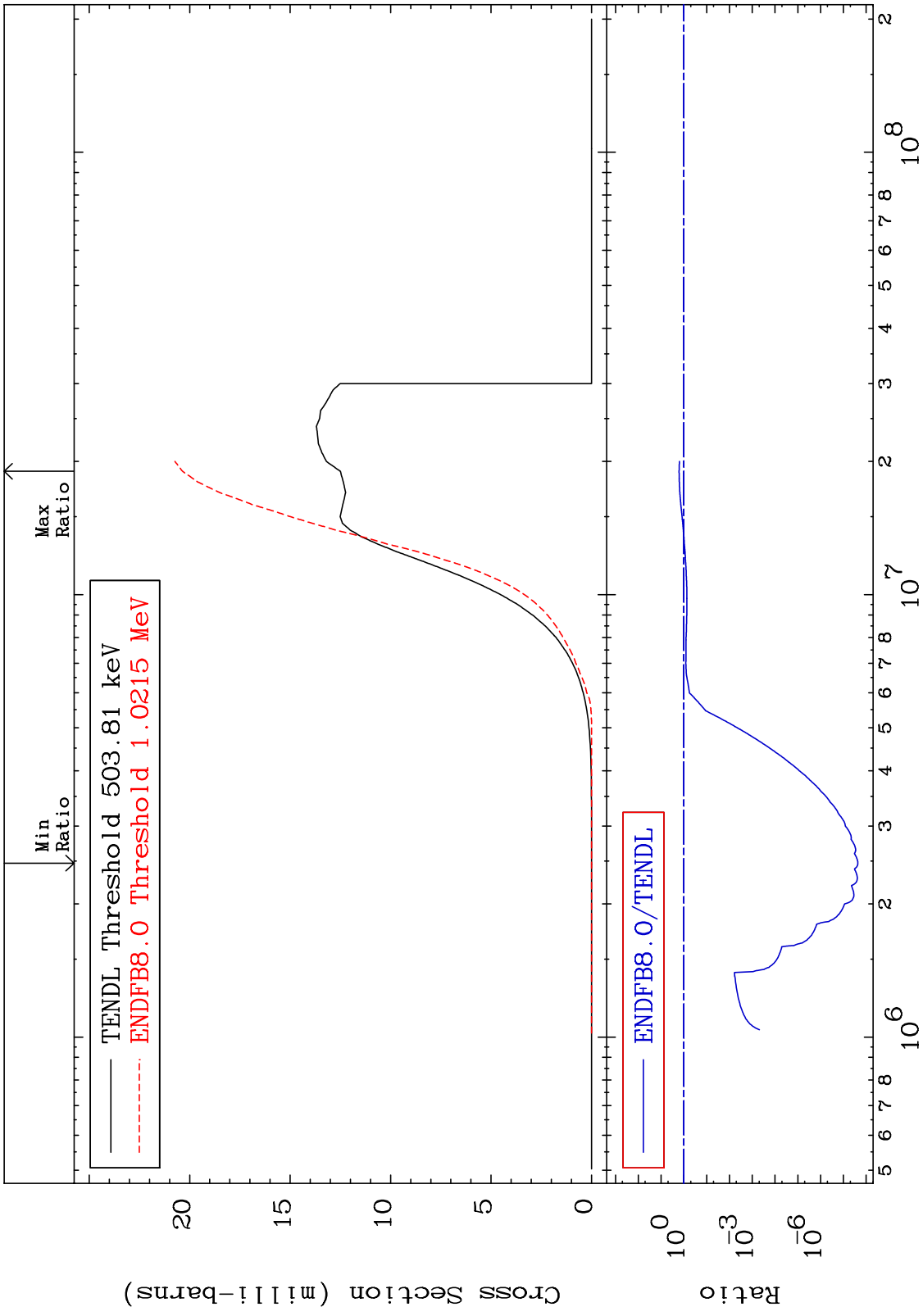
56-Ba-132

MAT 5631

(n, γ) Cross Section
56-Ba-132
-98.53 To 9999. %

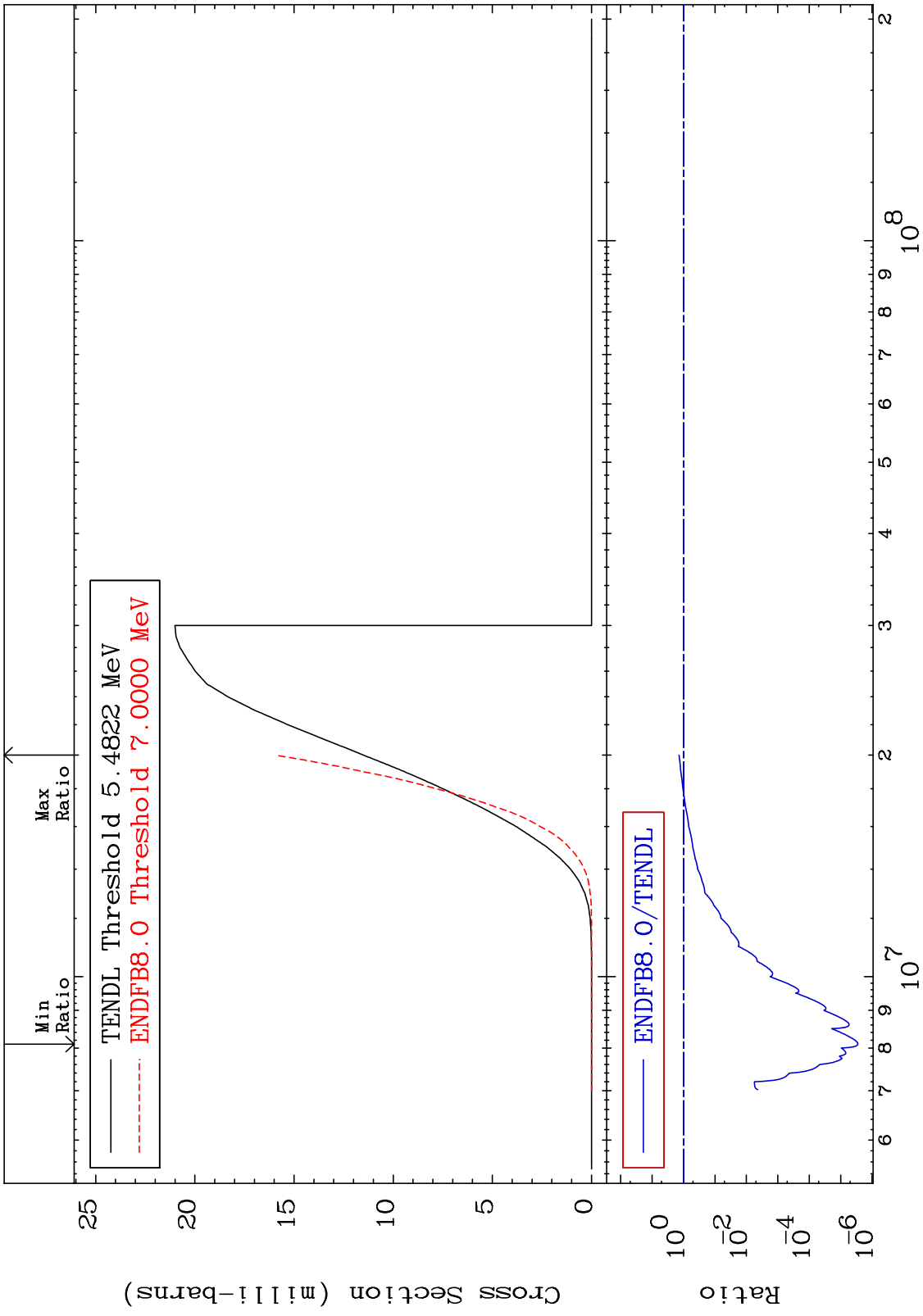


MAT 5631 (n,p) Cross Section 56-Ba-132 -100.0 To 62.81 %

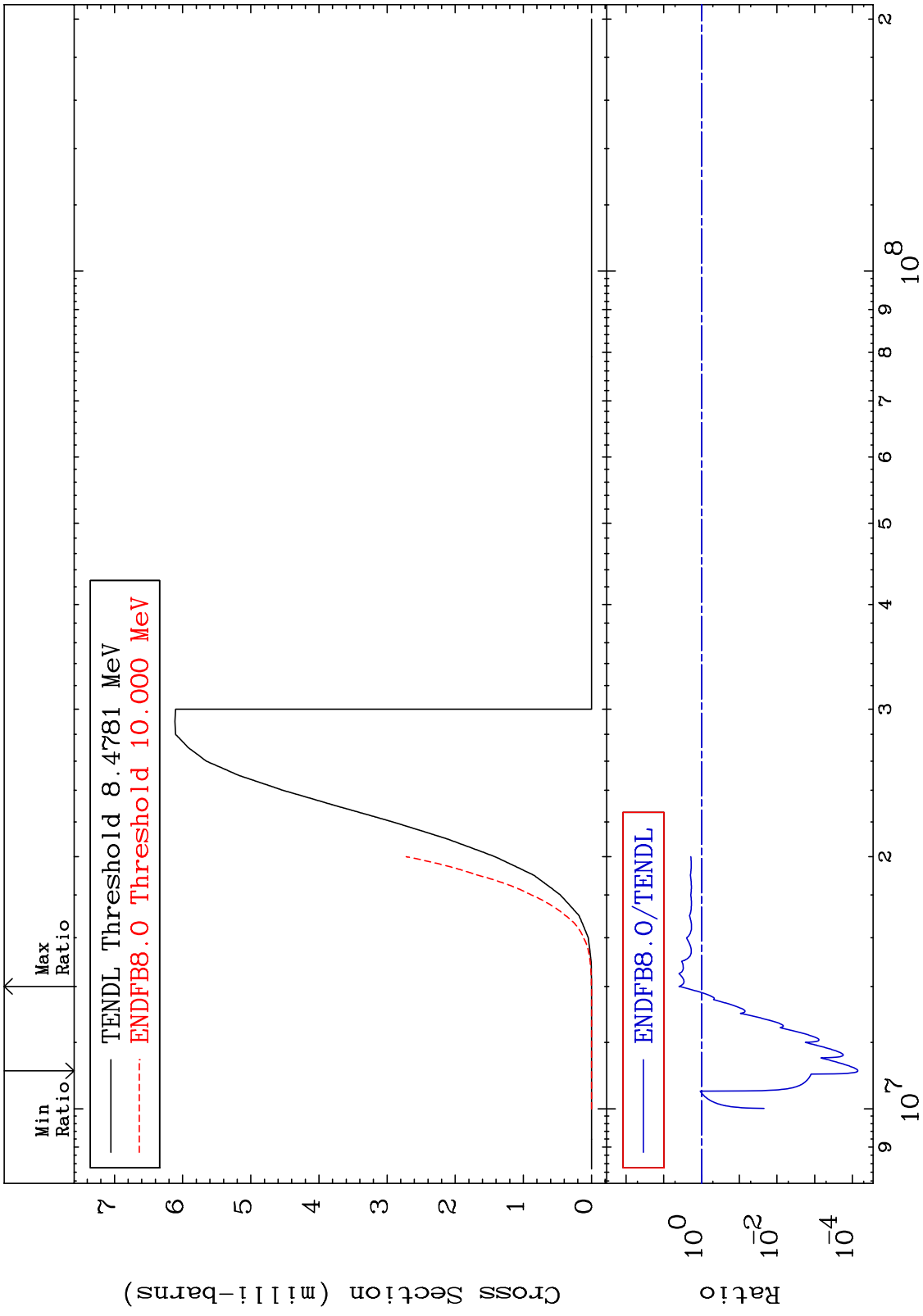


20 56-Ba-132 Incident Energy (eV)

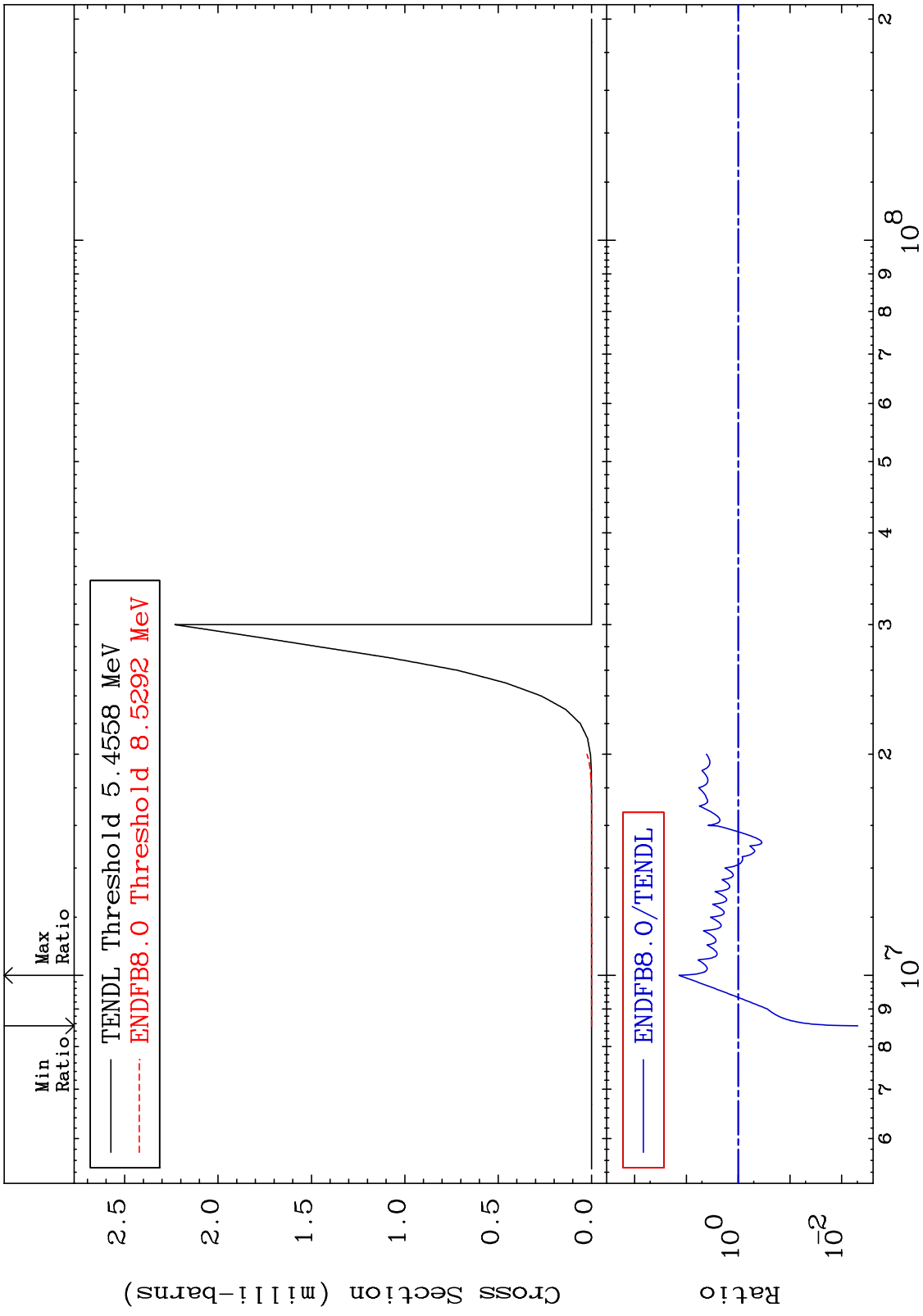
MAT 5631 (n,d) 56-Ba-132
 Cross Section -100.0 To 38.91 %



MAT 5631 (n,t) Cross Section 56-Ba-132 -99.99 To 293.9 %



22 Incident Energy (eV) 56-Ba-132



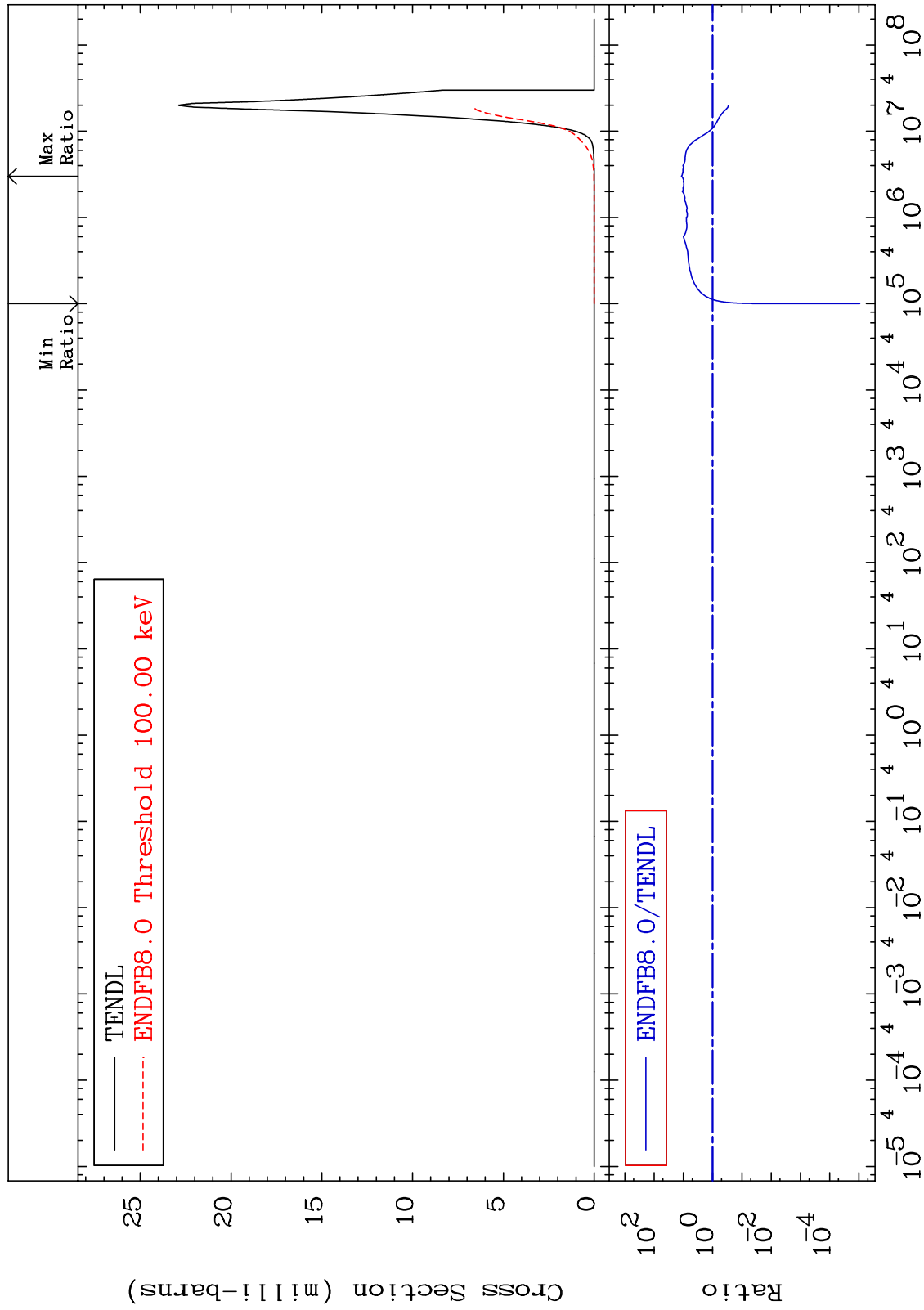
MAT 5631

(n, α)

56-Ba-132

Cross Section

-100.0 To 1066. %



24

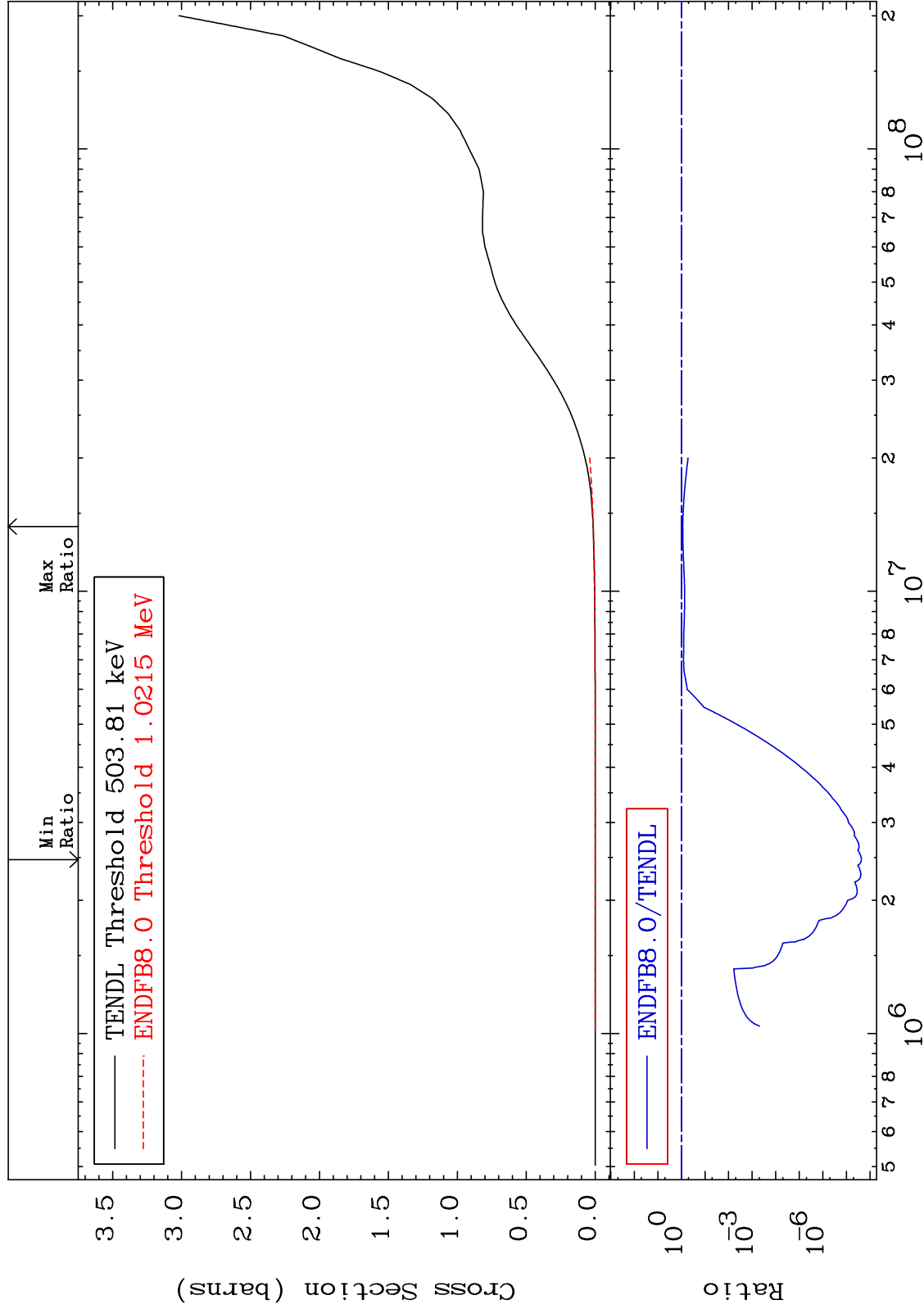
Incident Energy (eV)

56-Ba-132

MAT 5631

Hydrogen Production
Cross Section

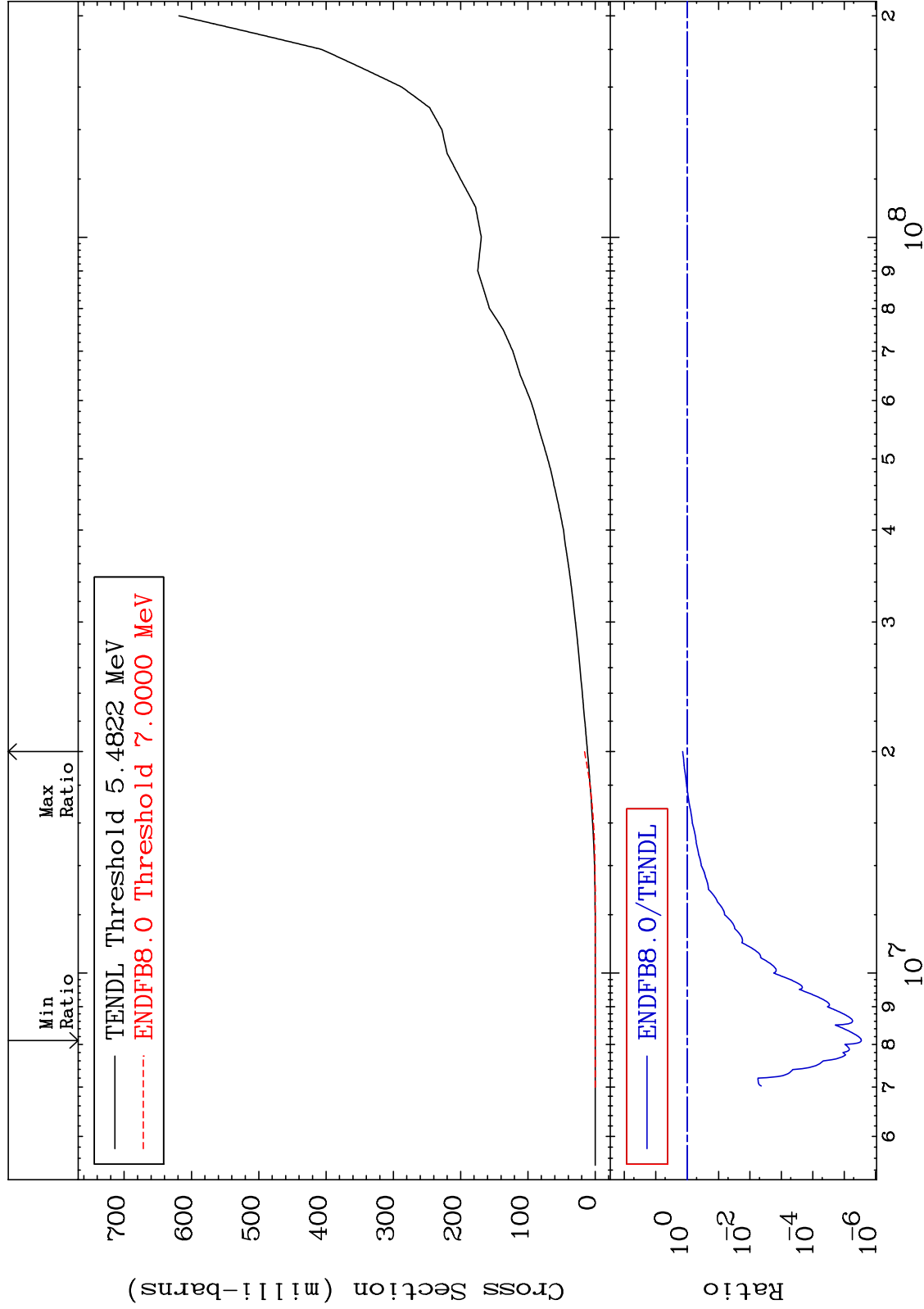
56-Ba-132
-100.0 To -11.31%



MAT 5631

Deuterium Production
Cross Section

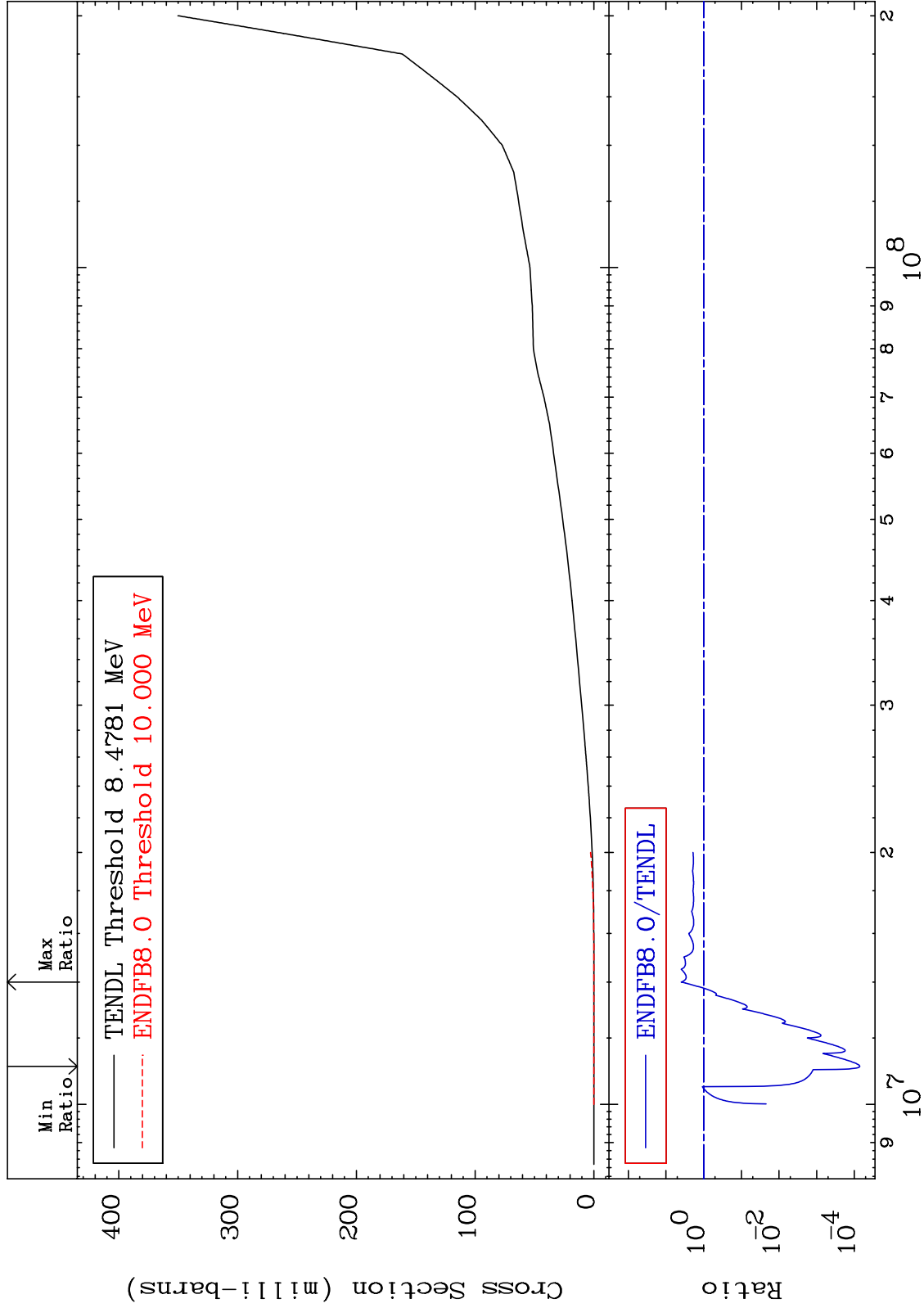
56-Ba-132
-100.0 To 38.88 %



MAT 5631

Tritium Production
Cross Section

56-Ba-132
-99.99 To 293.9 %



27

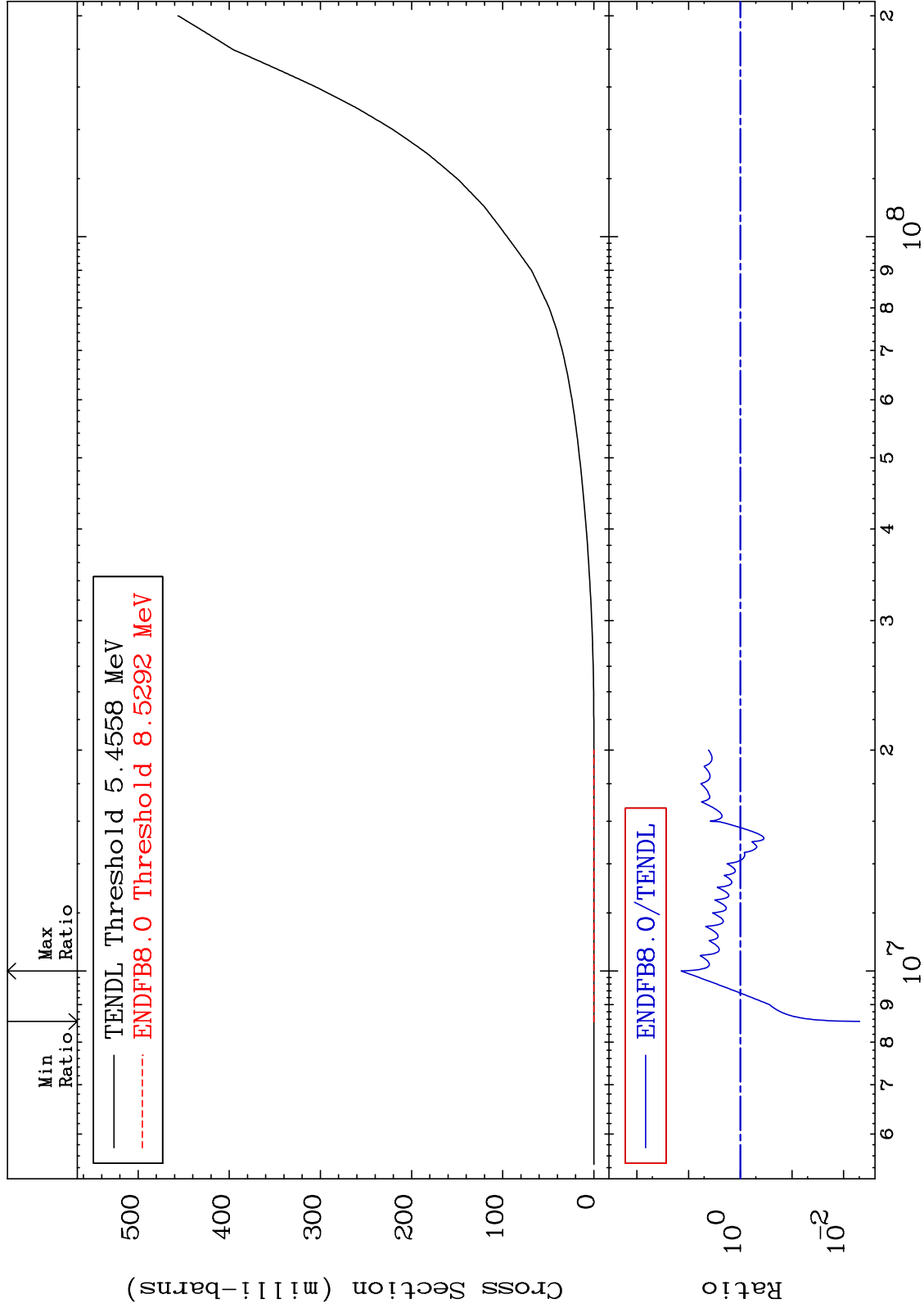
Incident Energy (eV)

56-Ba-132

MAT 5631

He-3 Production
Cross Section

56-Ba-132
-99.51 To 1285. %



28

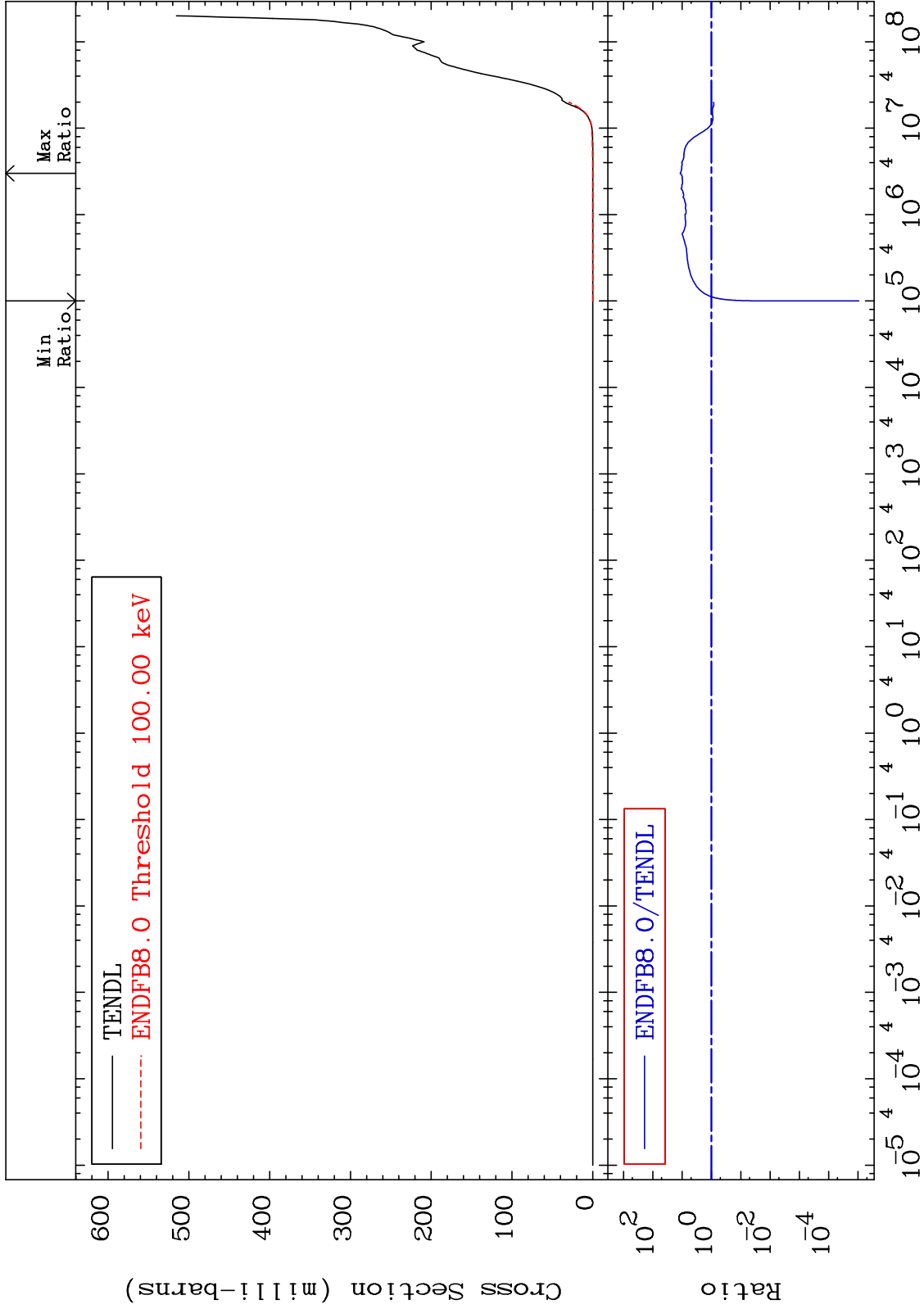
Incident Energy (eV)

56-Ba-132

MAT 5631

He-4 Production
Cross Section

56-Ba-132
-100.0 To 1066. %

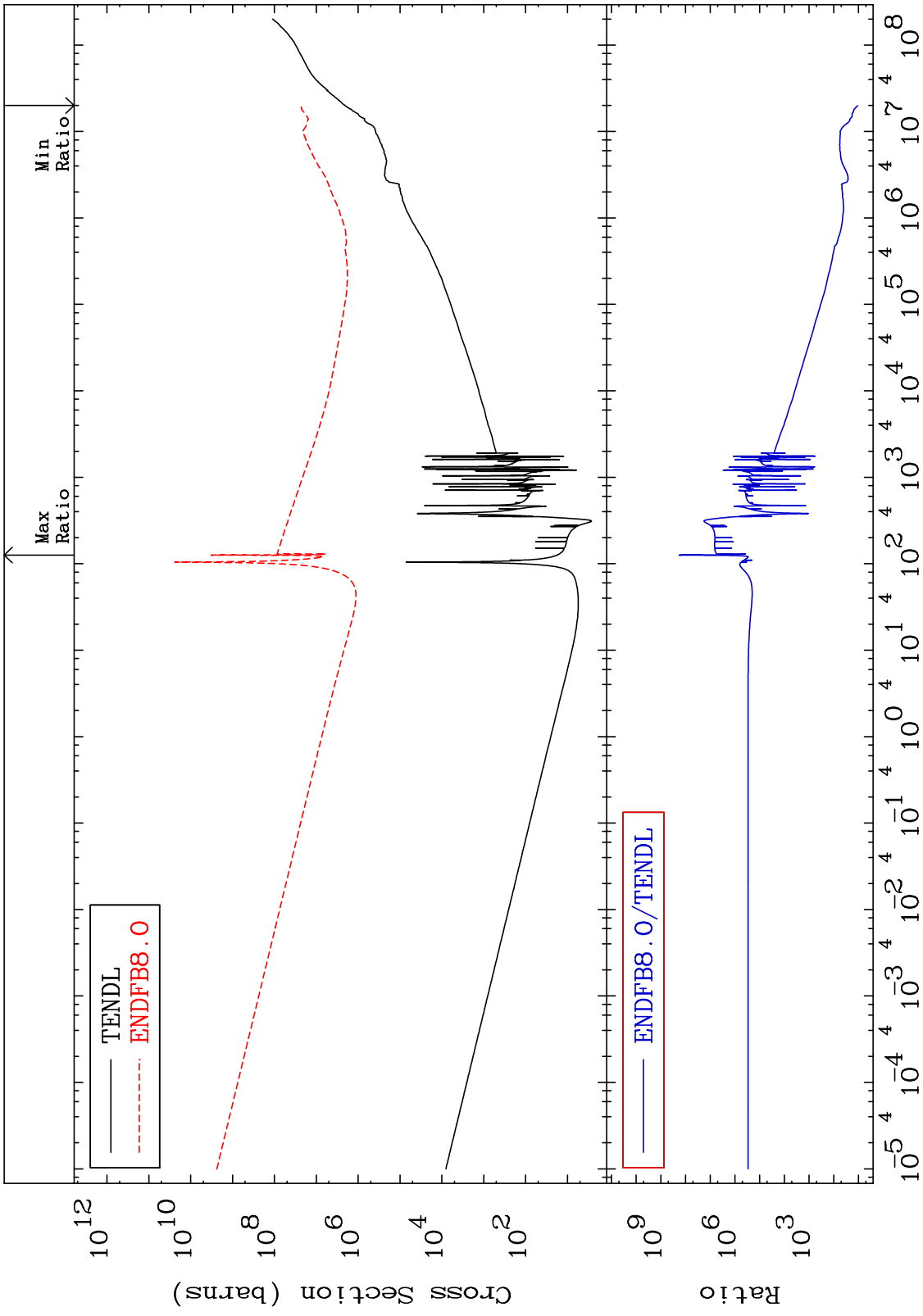


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Incident Energy (eV)

56-Ba-132

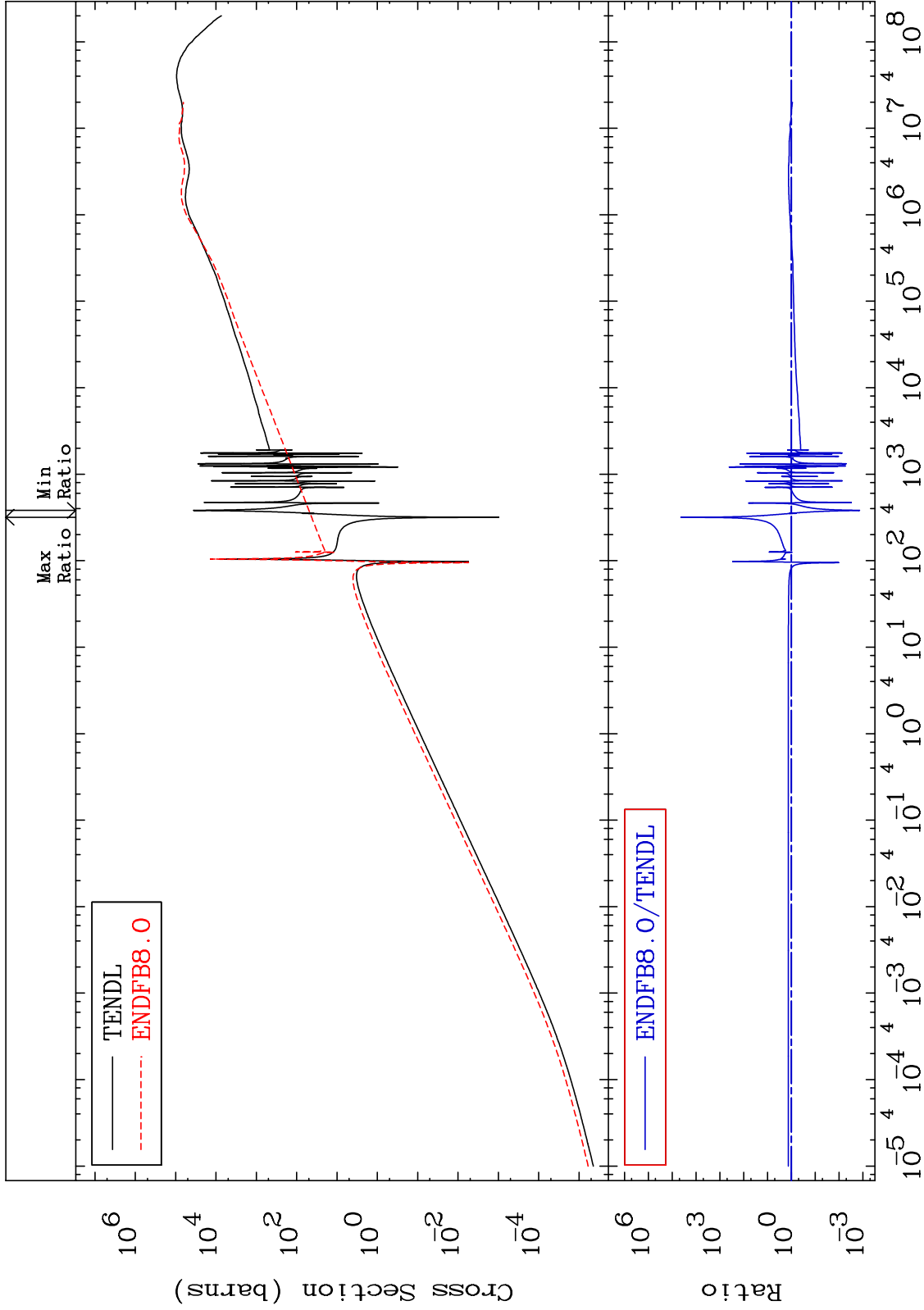
MAT 5631 Kerma total (eV-barns) 56-Ba-132
 Cross Section 965.1 To 9999. %



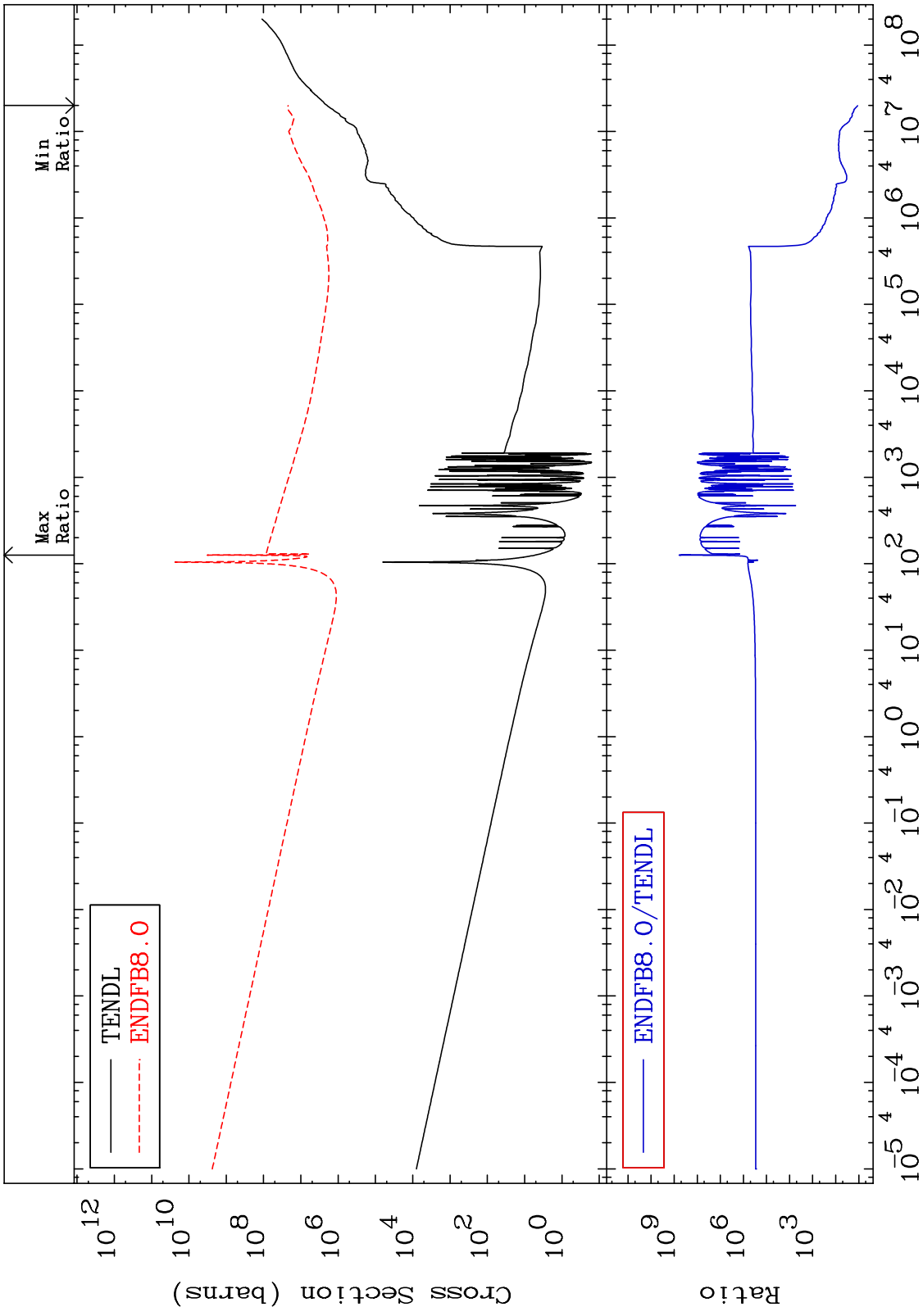
MAT 5631

Kerma elastic
Cross Section

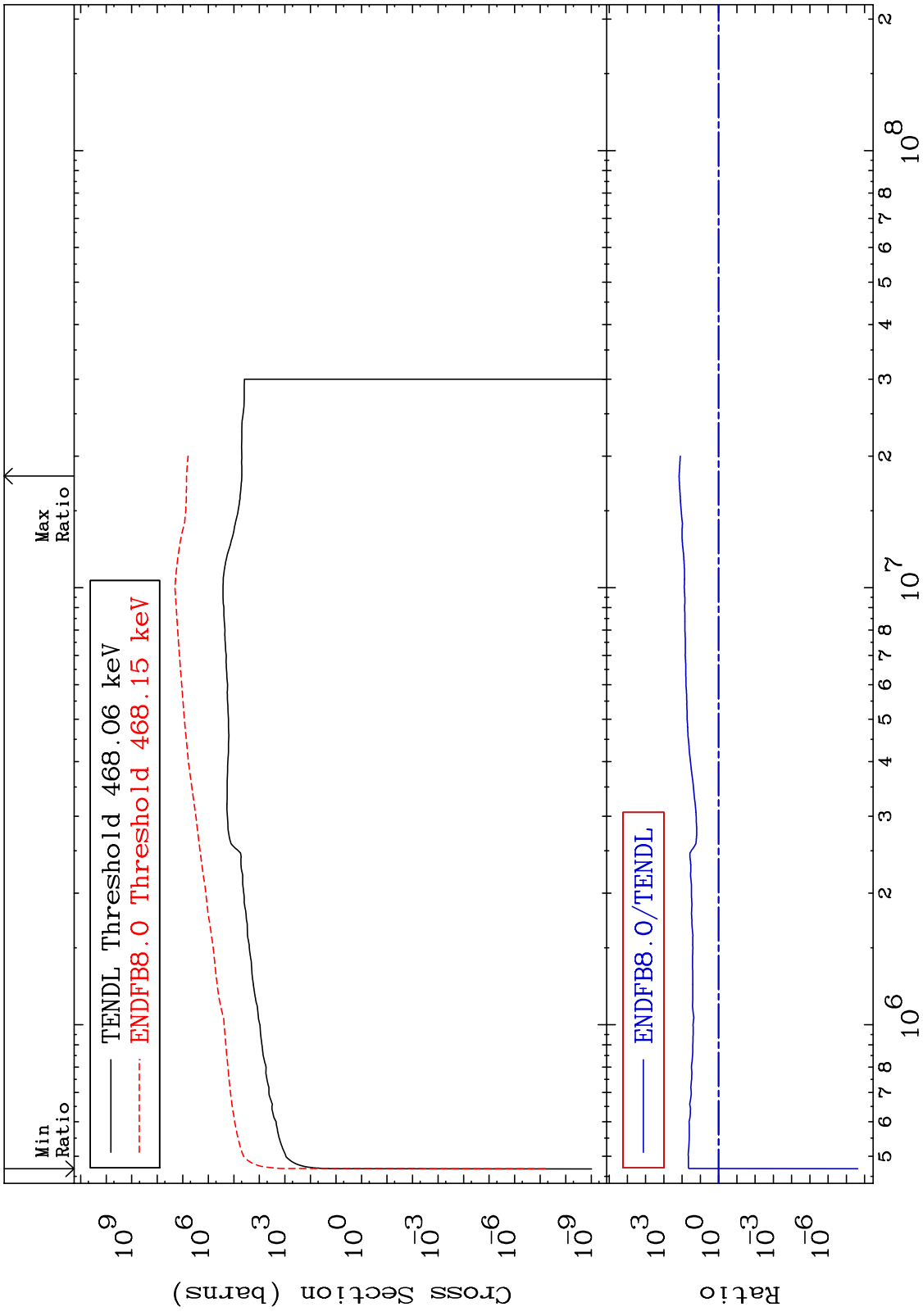
56-Ba-132
-99.86 To 9999. %



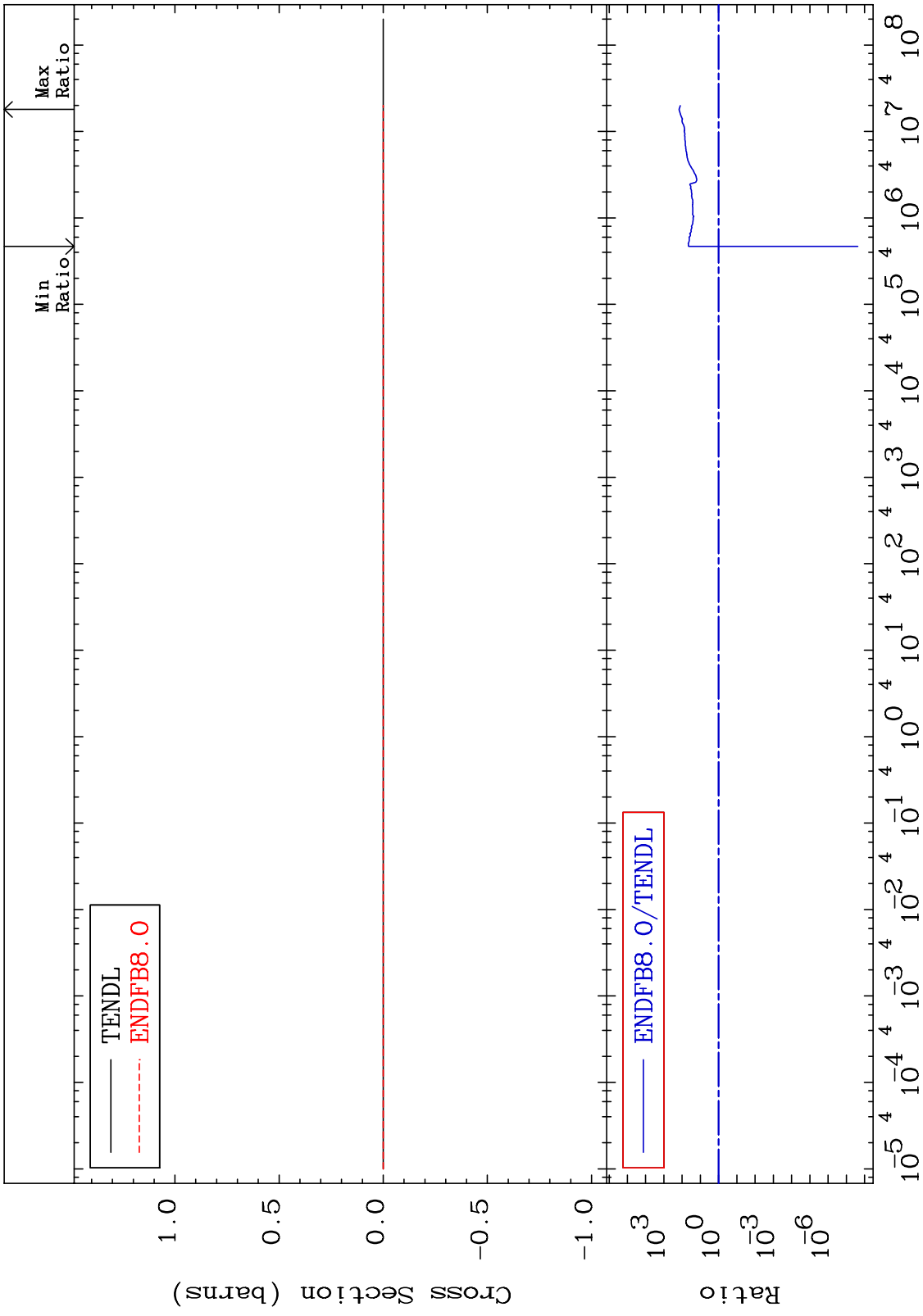
MAT 5631 Kerma non-elastic (all but mt2) 56-Ba-132
 Cross Section 1000. To 9999. %



MAT 5631 Kerma inelastic (mt51-91) 56-Ba-132
 Cross Section -100.0 To 9999. %



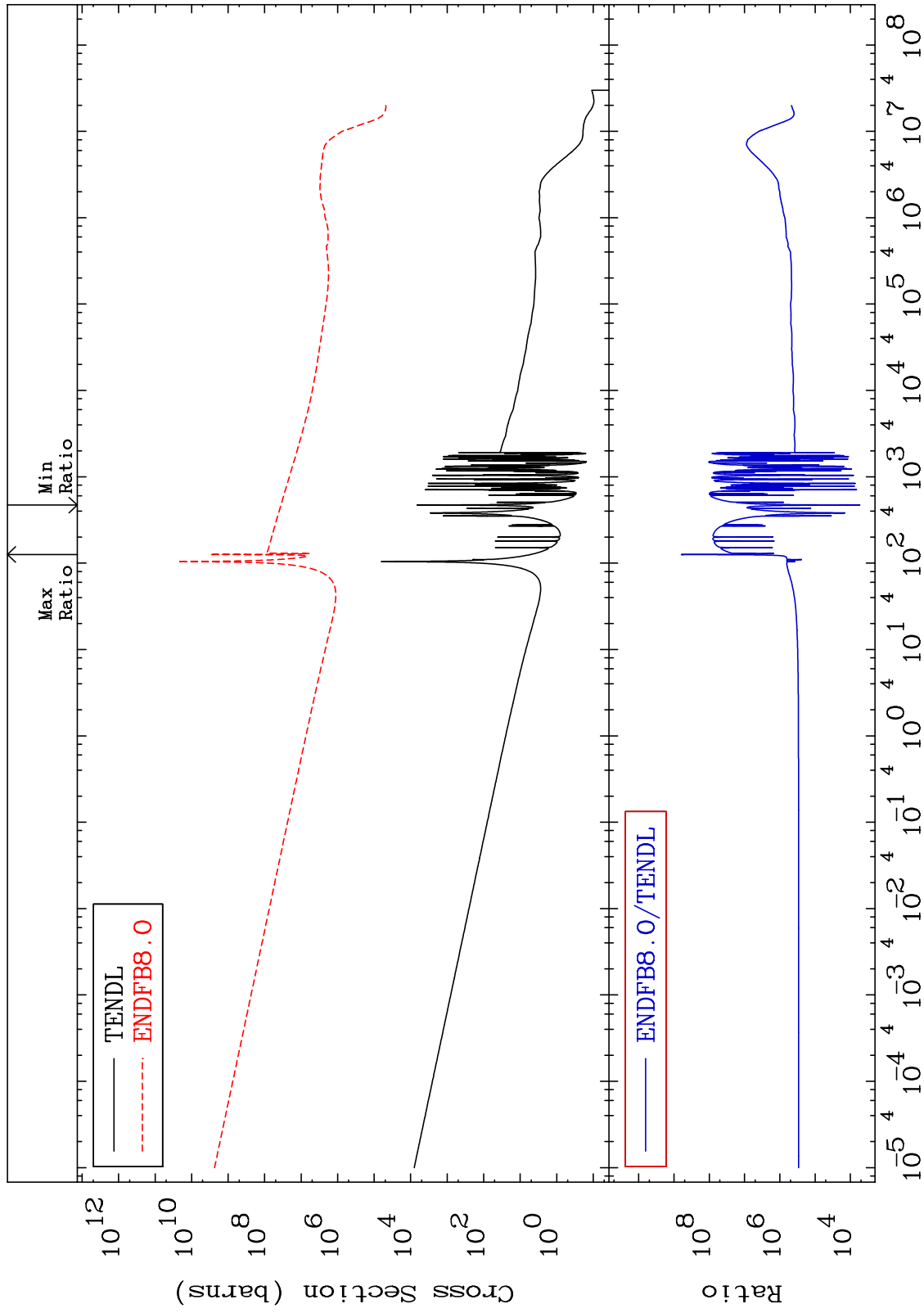
MAT 5631 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-132
 Cross Section -100.0 To 9999. %



MAT 5631

Kerma capture (mt102)
Cross Section

56-Ba-132
9999. To 9999. %



35

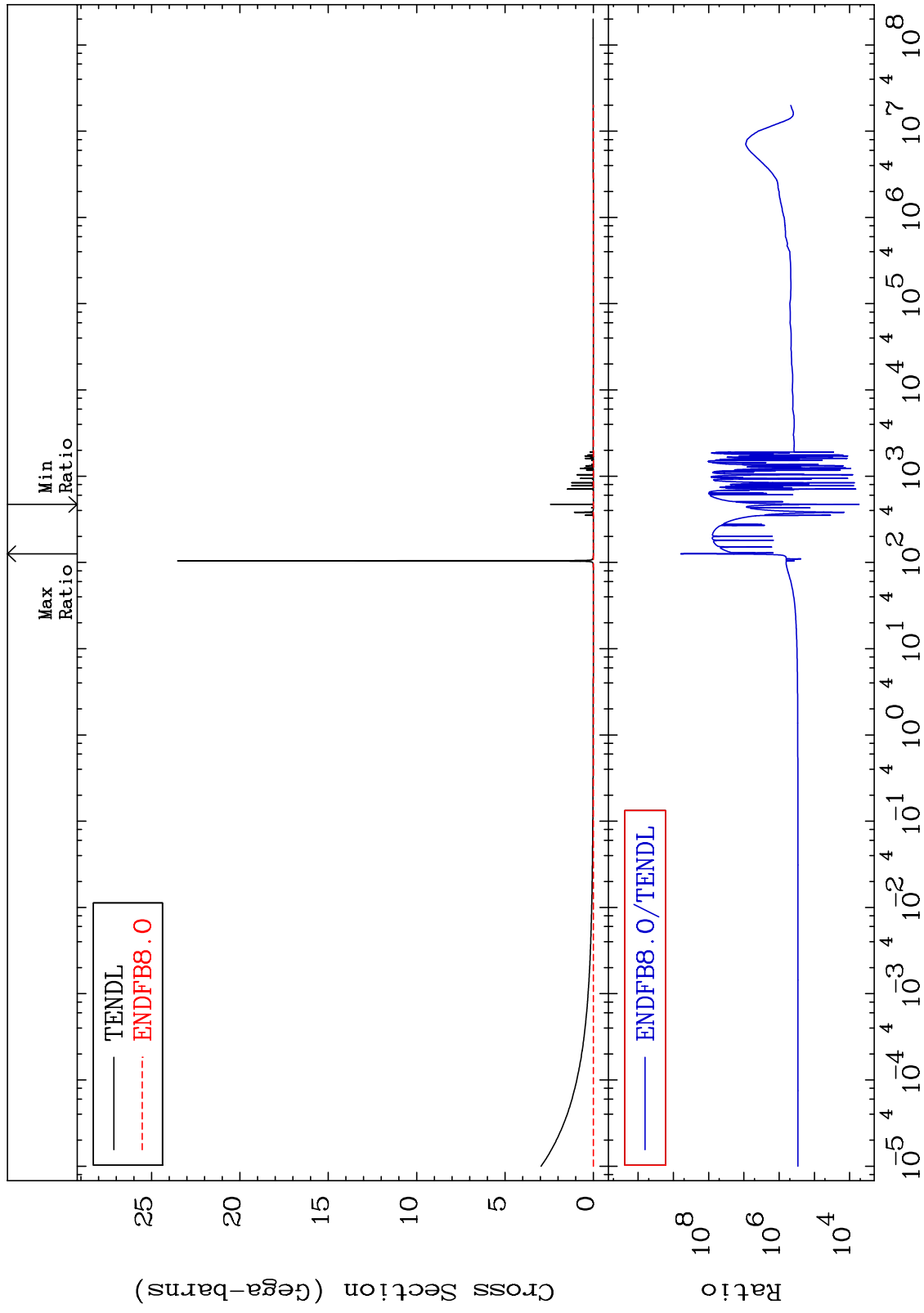
Incident Energy (eV)

56-Ba-132

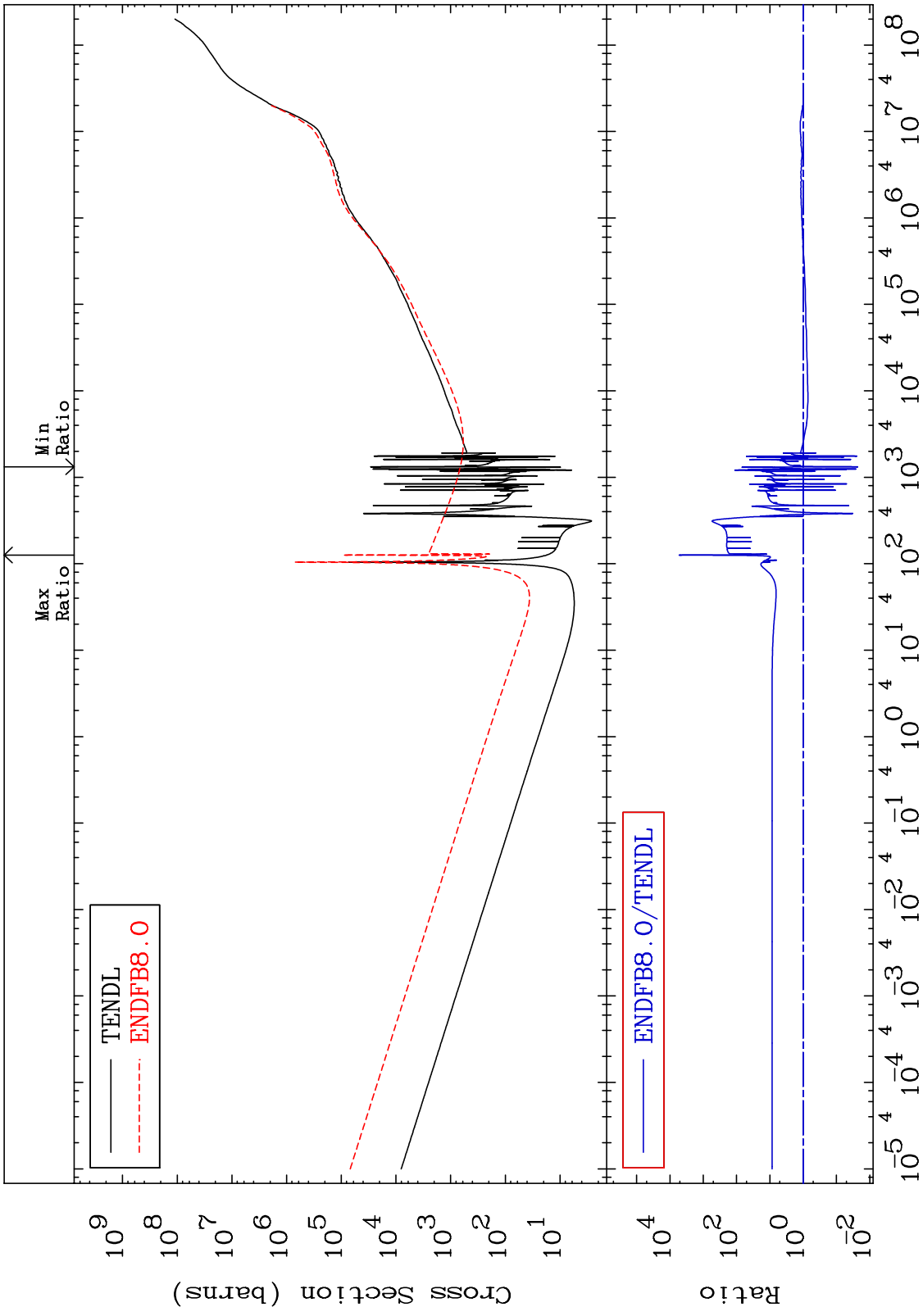
MAT 5631

Total photon (eV-barns)
Cross Section

56-Ba-132
9999. To 9999. %



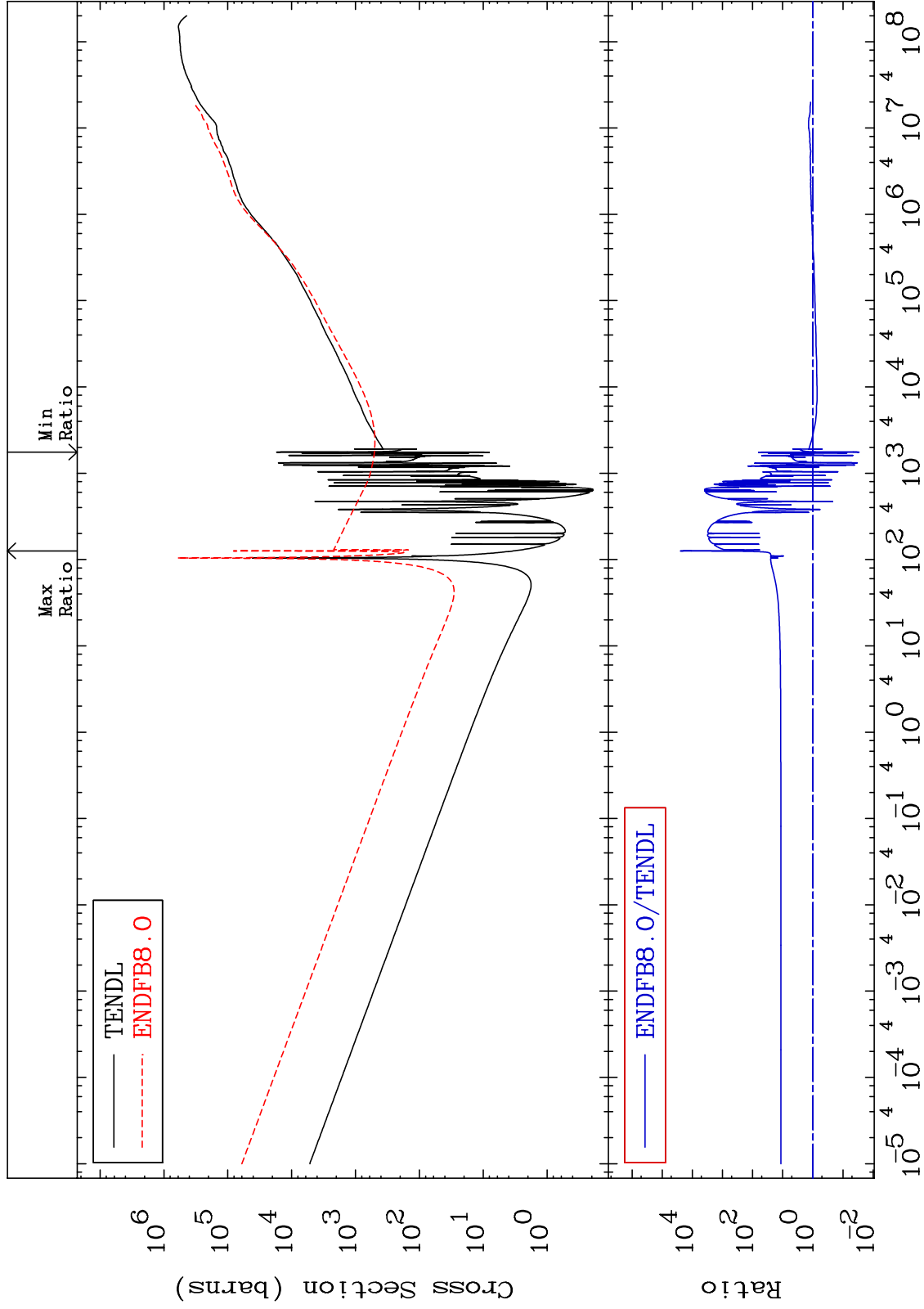
MAT 5631 Total kinematic kerma (high limit) 56-Ba-132
 Cross Section -97.72 To 9999. %



MAT 5631

Dpa total (eV-barns)
Cross Section

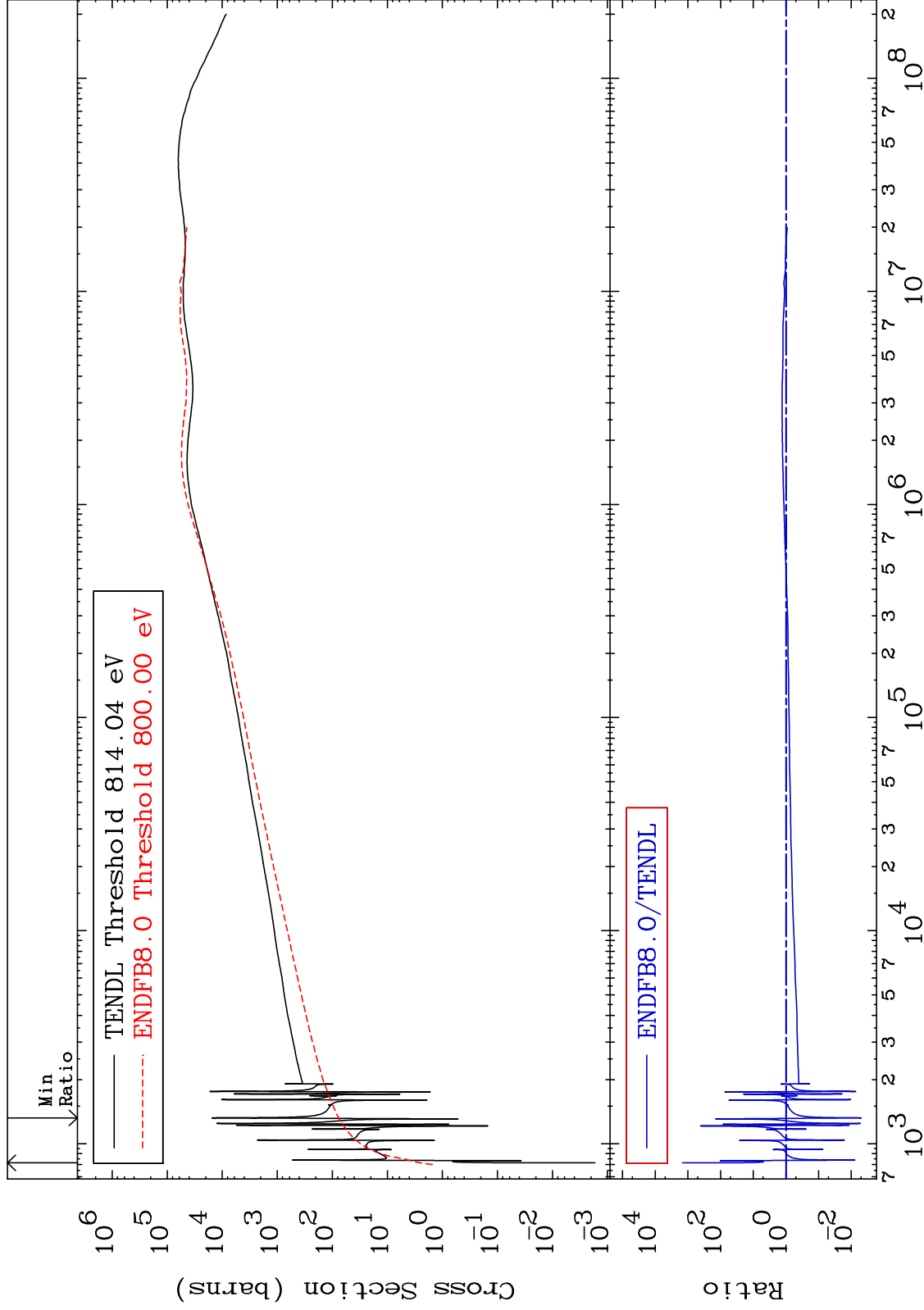
56-Ba-132
-97.07 To 9999. %



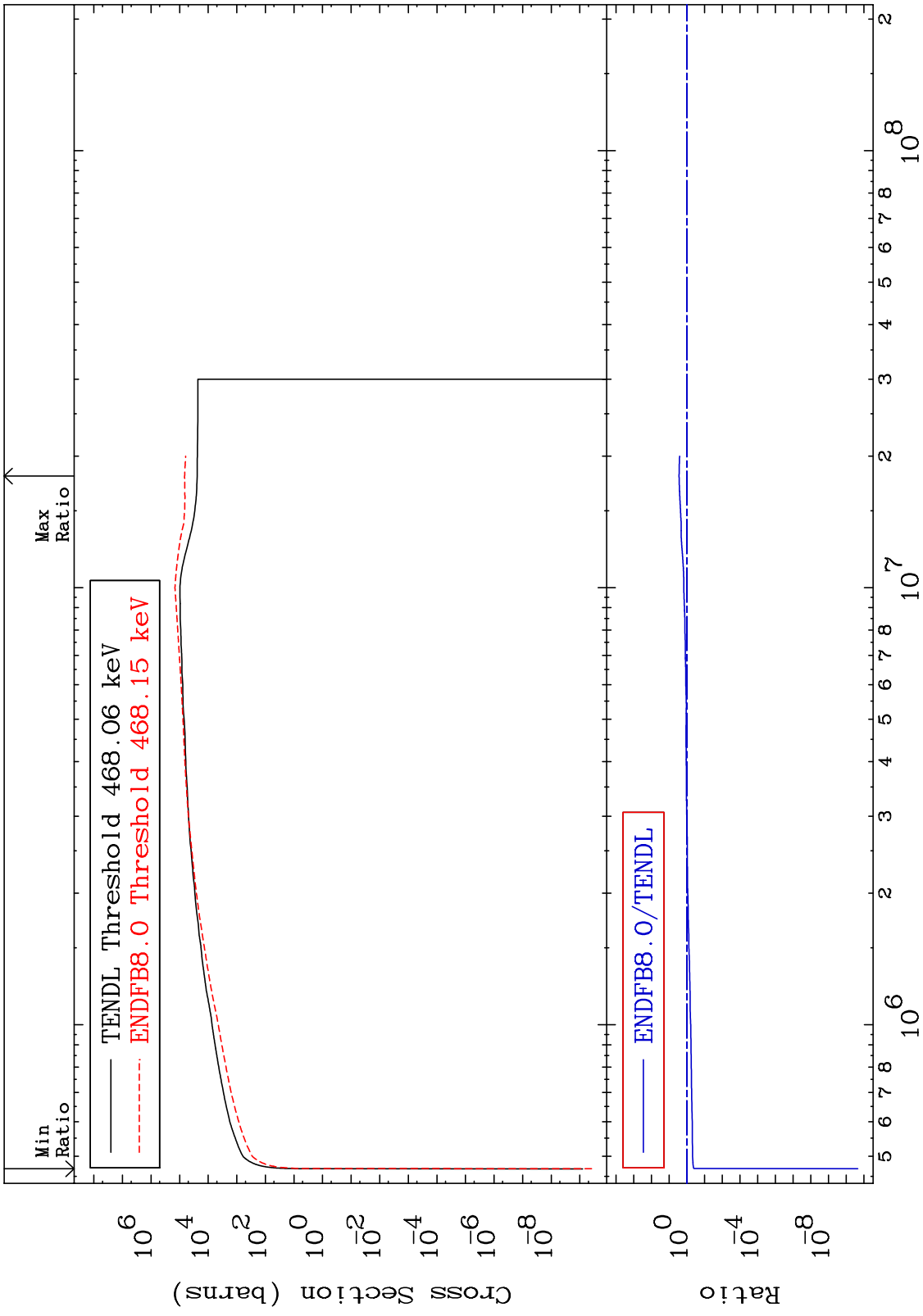
MAT 5631

Dpa elastic (mt2)
Cross Section

56-Ba-132
-99.51 To 9999. %



MAT 5631 Dpa inelastic (mt51-91) 56-Ba-132
 Cross Section -100.0 To 174.3 %



40 56-Ba-132

MAT 5631 Dpa disappearance (mt102 -120) 56-Ba-132
 Cross Section -78.34 To 9999. %

