

Program Complot
(Version 2018-1)

by

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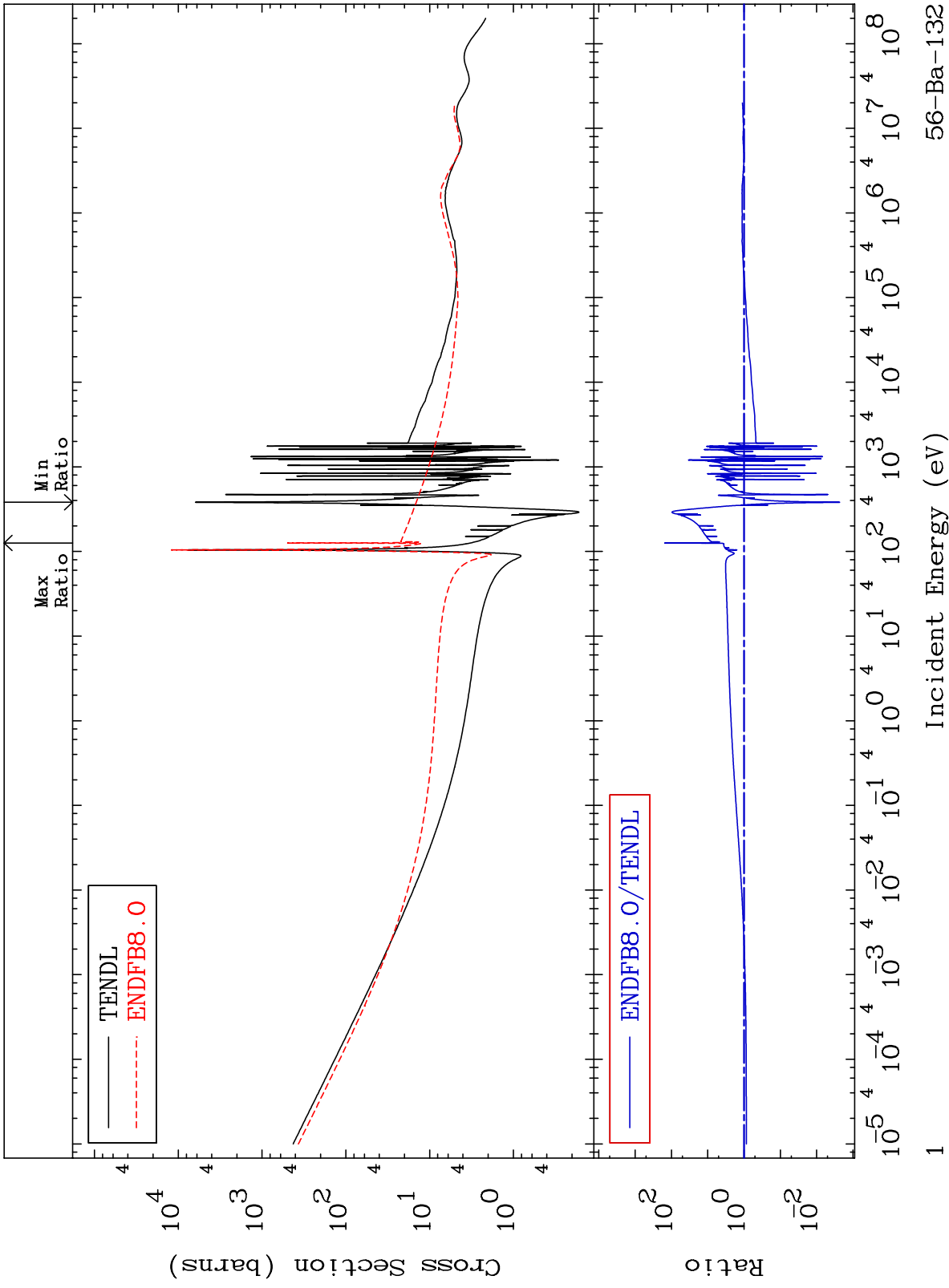
Press Mouse Button to Start

MAT 5631

Total
Cross Section

56-Ba-132

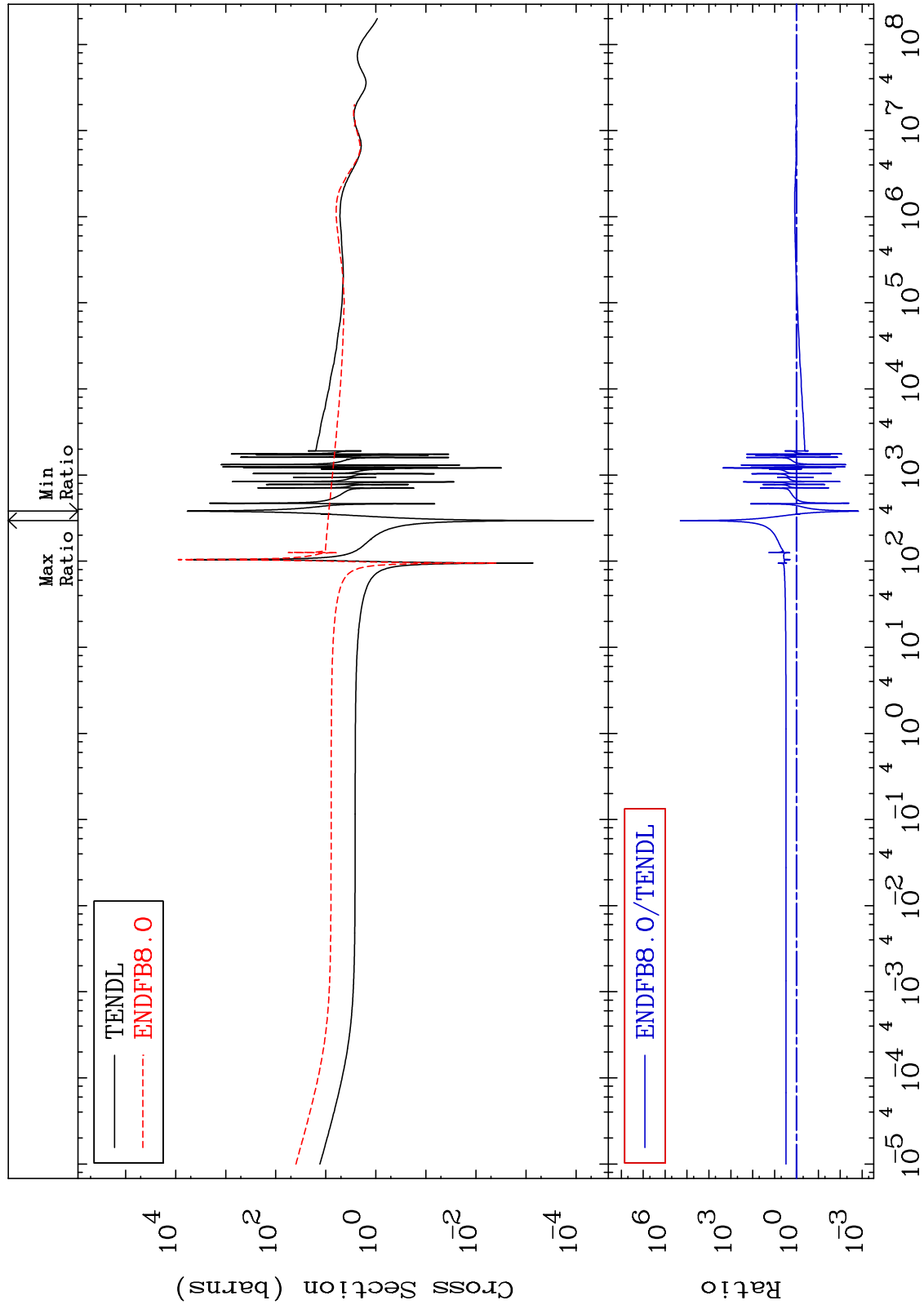
-99.77 To 9999. %



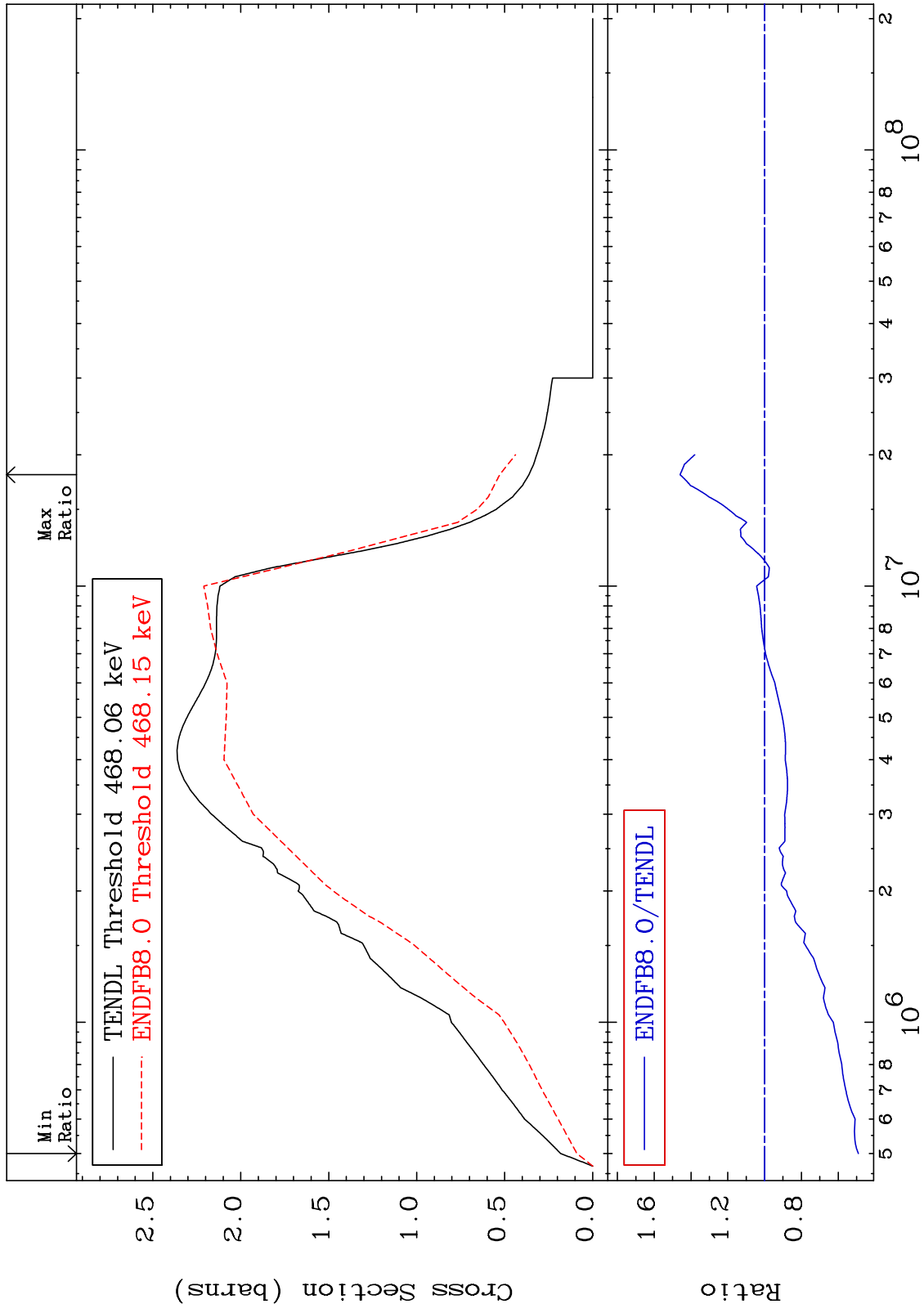
MAT 5631

Elastic
Cross Section

56-Ba-132
-99.85 To 9999. %



MAT 5631 Inelastic Cross Section 56-Ba-132 -50.99 To 45.97 %



3 56-Ba-132

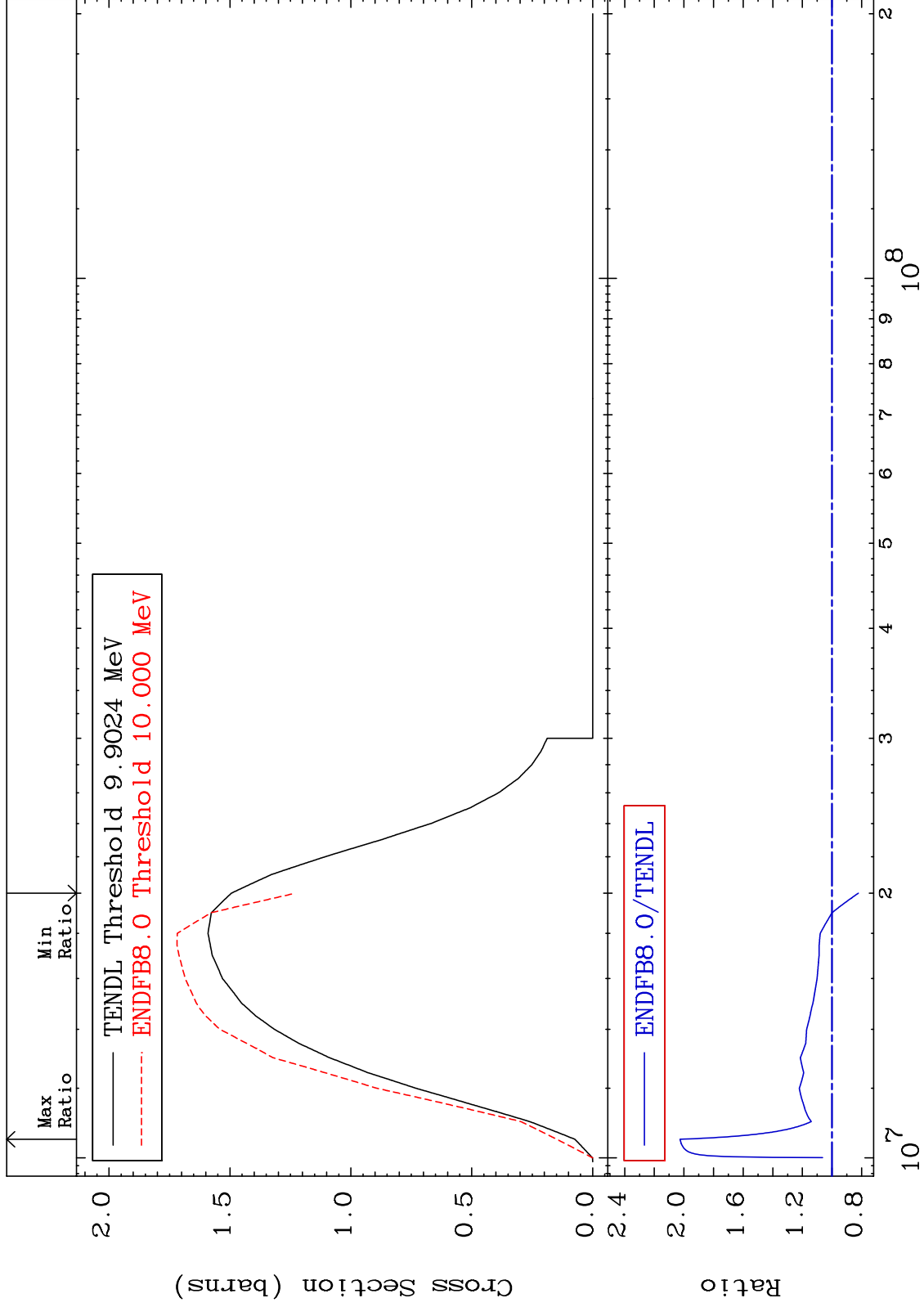
MAT 5631

(n,2n)

56-Ba-132

Cross Section

-17.82 To 102.6 %



Incident Energy (eV)

56-Ba-132

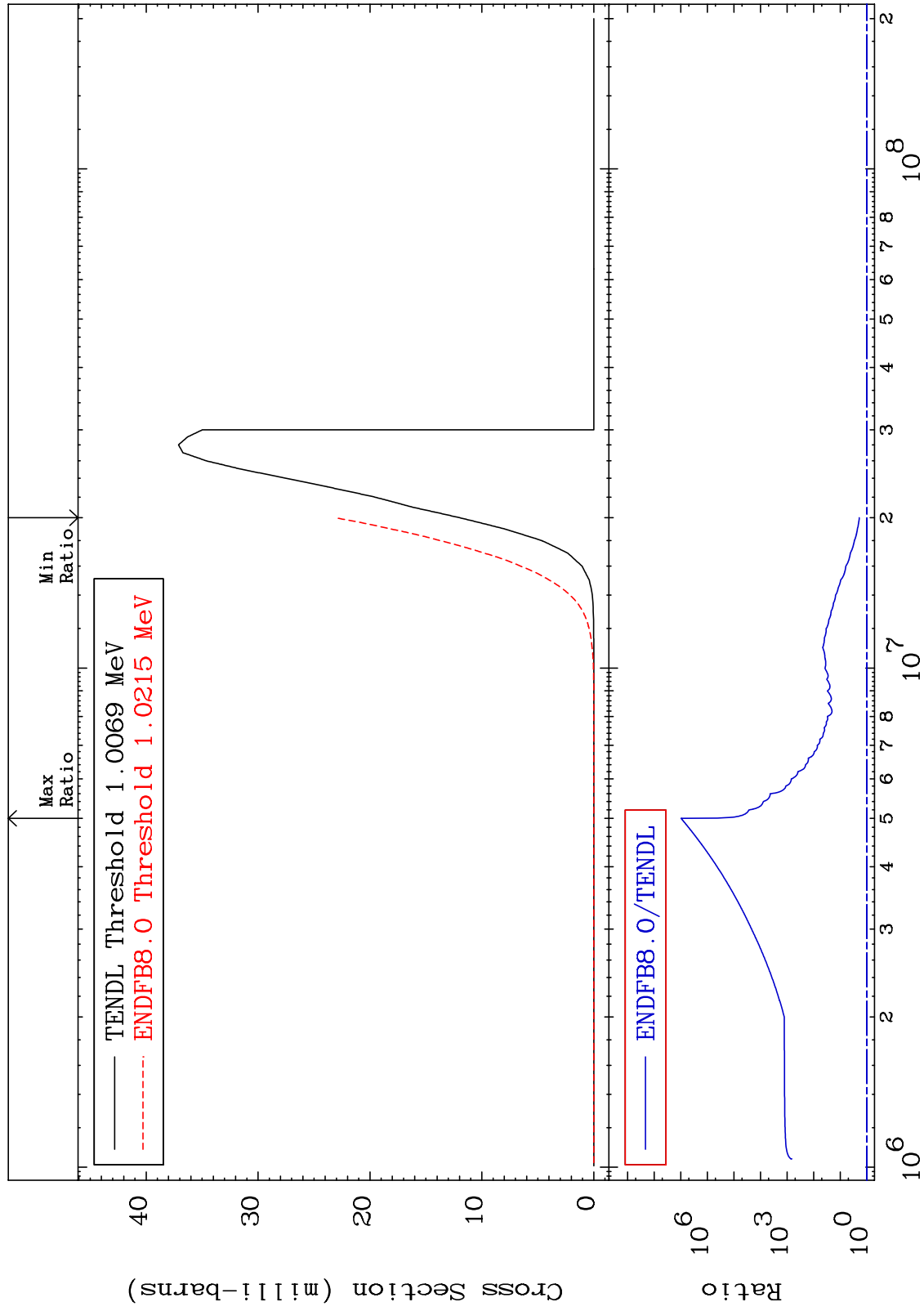
MAT 5631

(n, n') α

56-Ba-132

93.24 To 9999. %

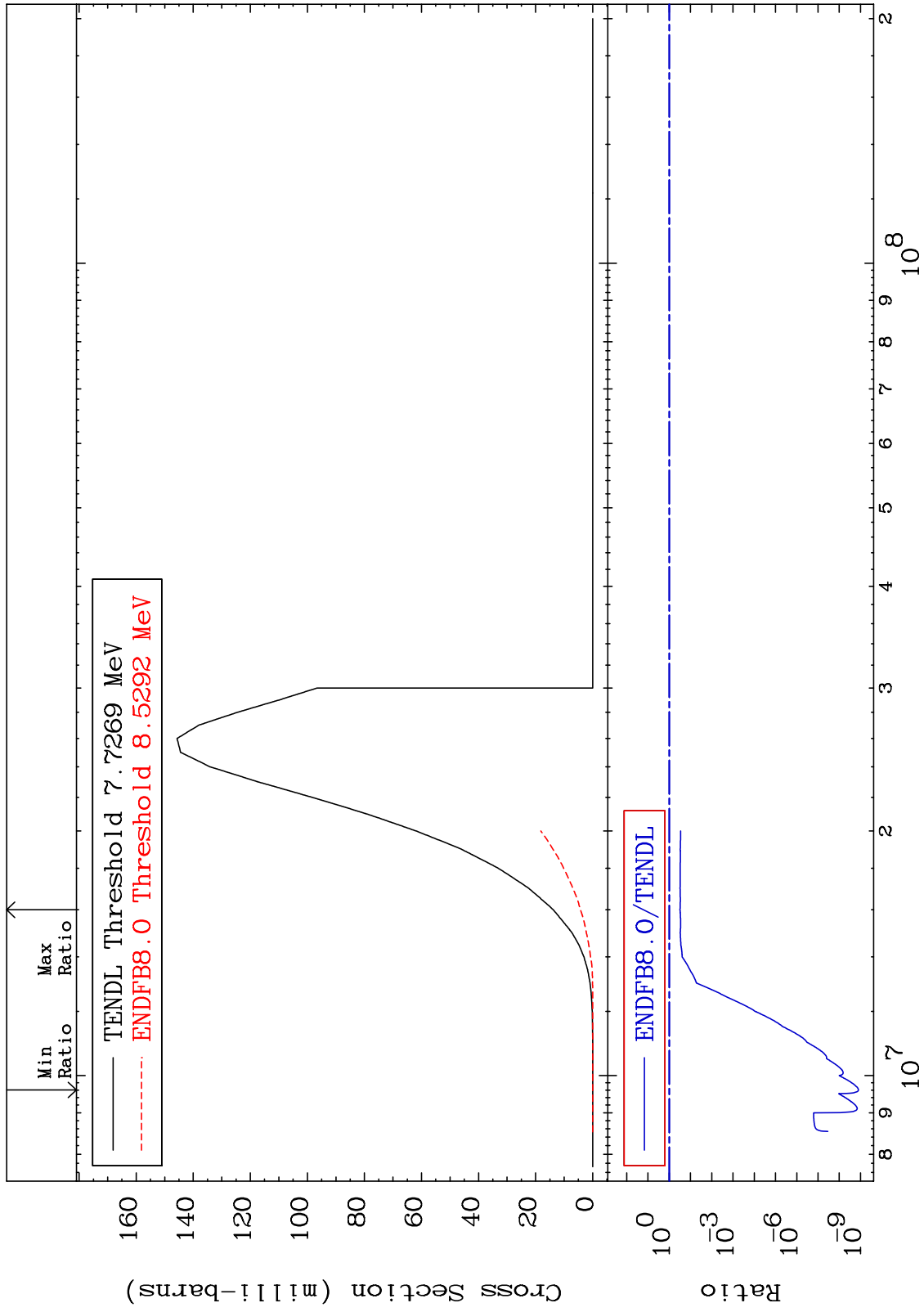
Cross Section



MAT 5631

(n,n') p
Cross Section

56-Ba-132
-100.0 To -68.88%

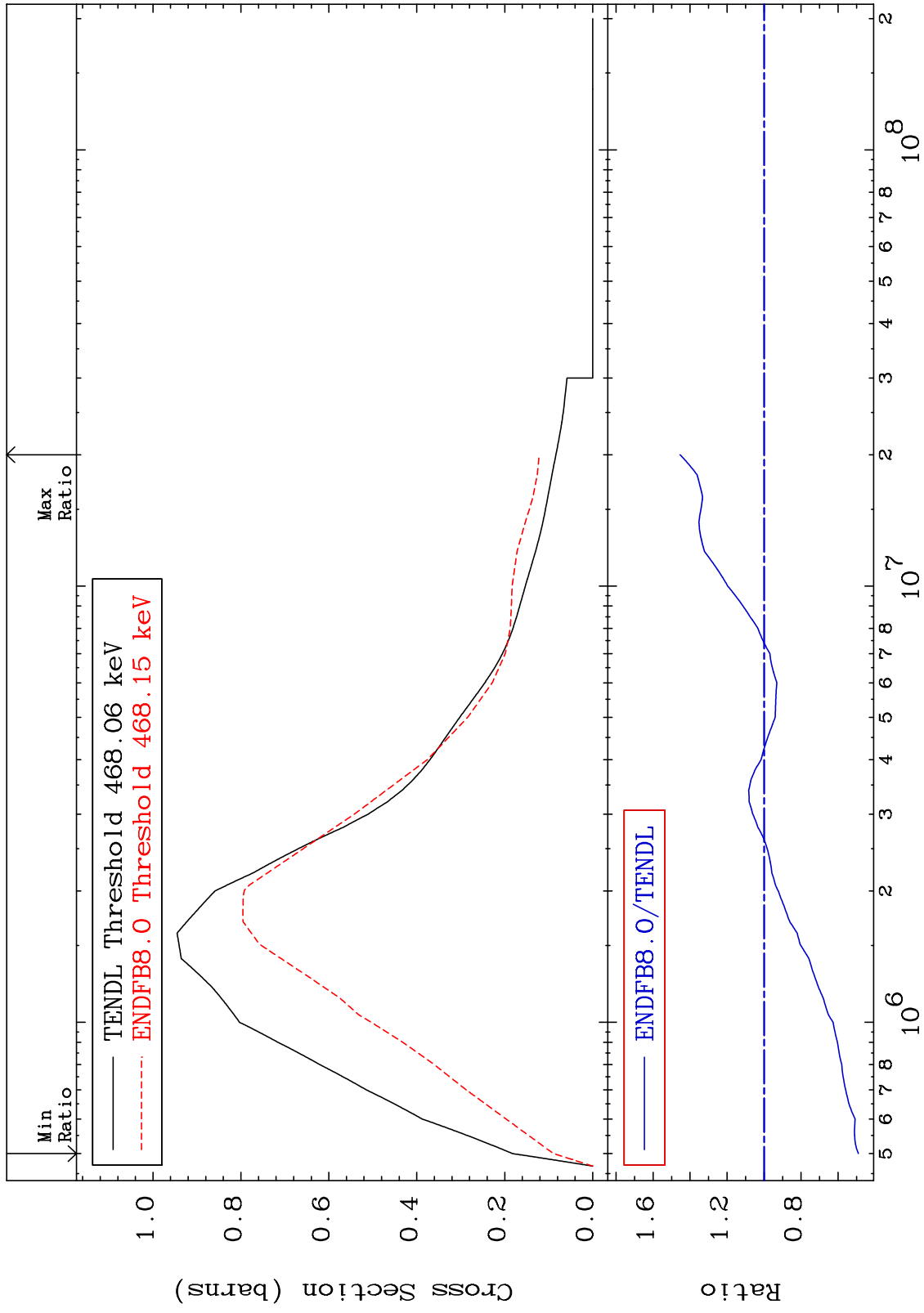


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Incident Energy (eV)

56-Ba-132

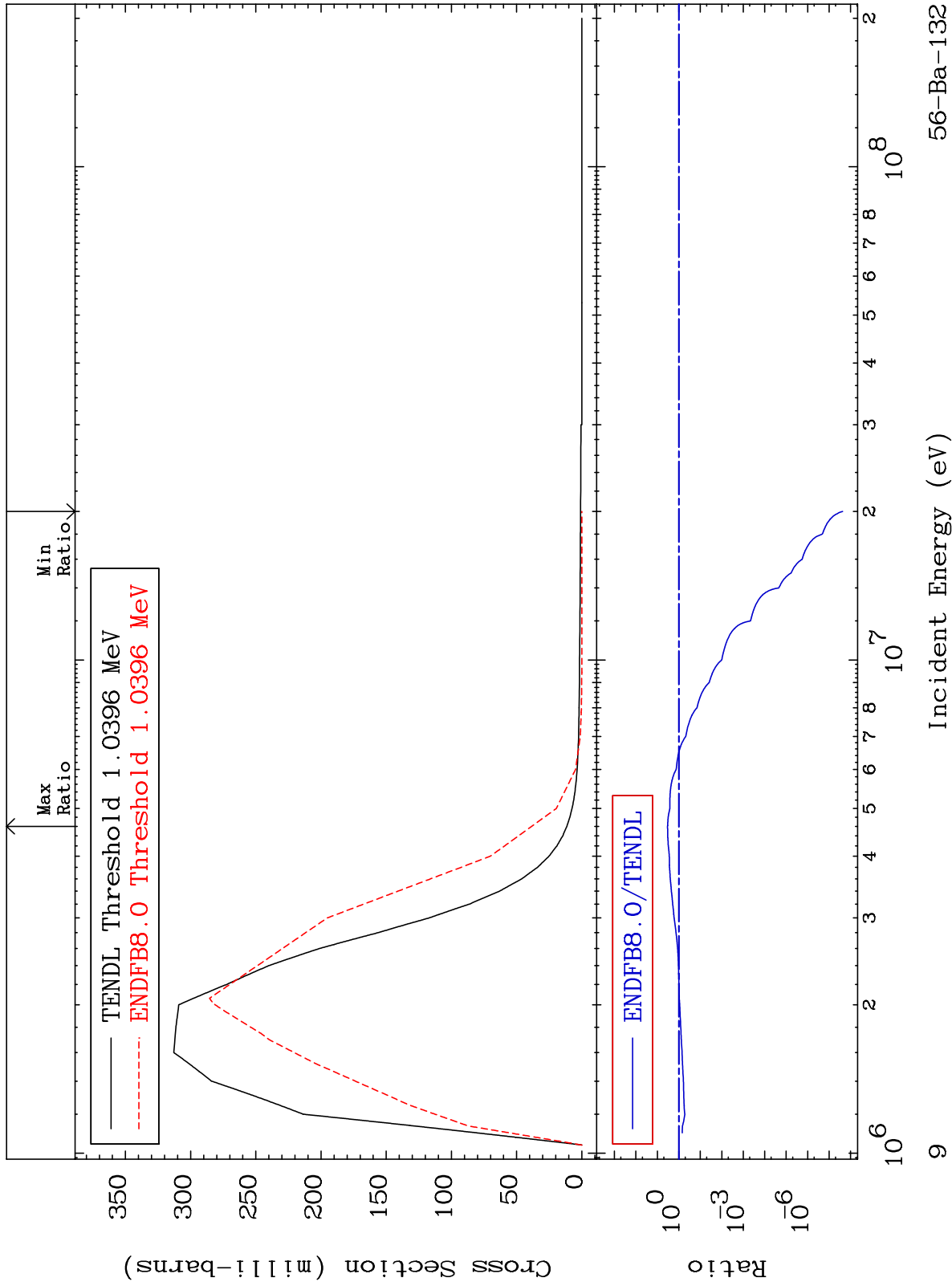
MAT 5631 MT= 51 (n,n') Level Cross Section 56-Ba-132
 -50.99 To 45.43 %



MAT 5631

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

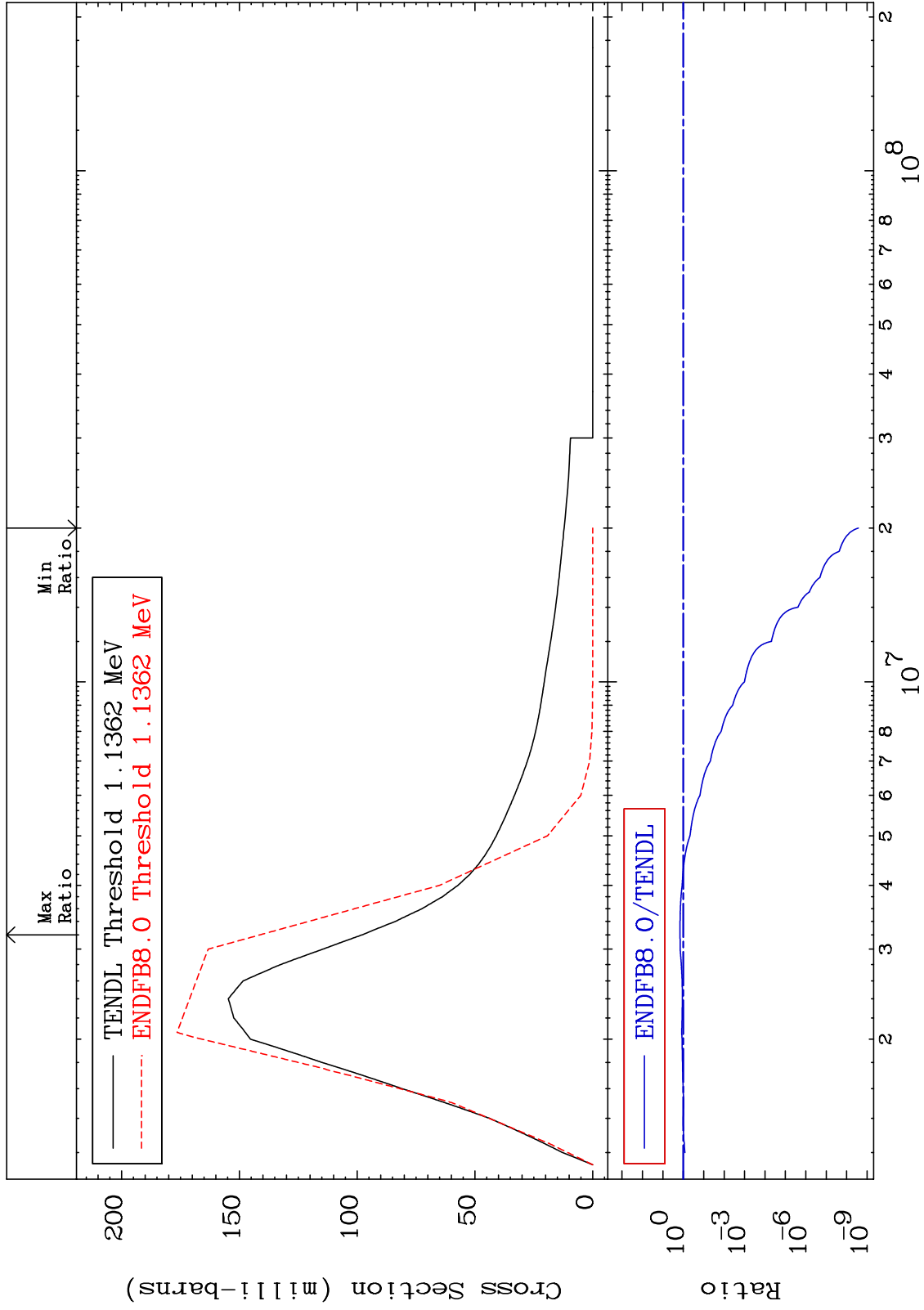
56-Ba-132
-100.0 To 235.5 %



MAT 5631

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

56-Ba-132
-100.0 To 44.33 %



10

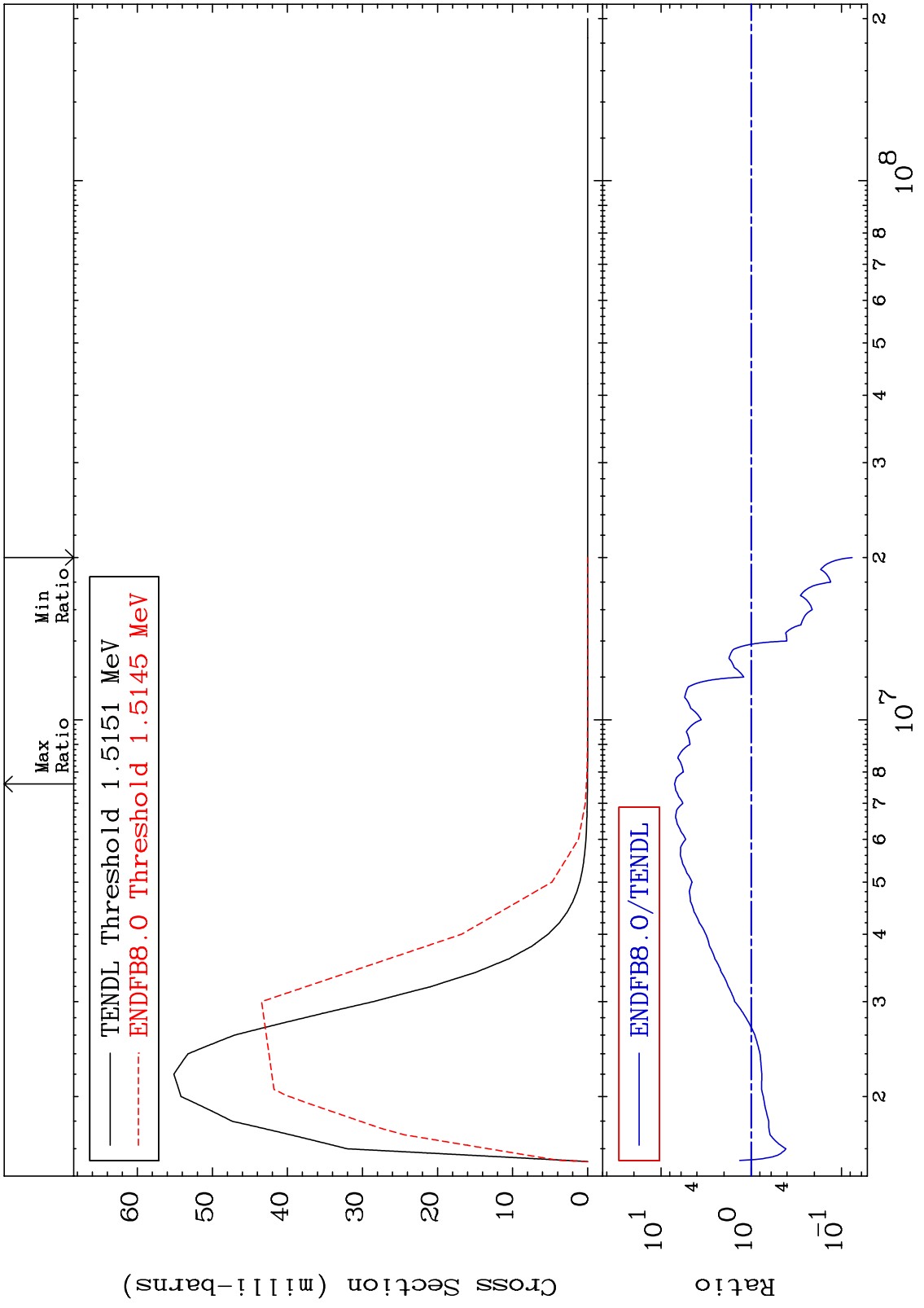
Incident Energy (eV)

56-Ba-132

MAT 5631

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

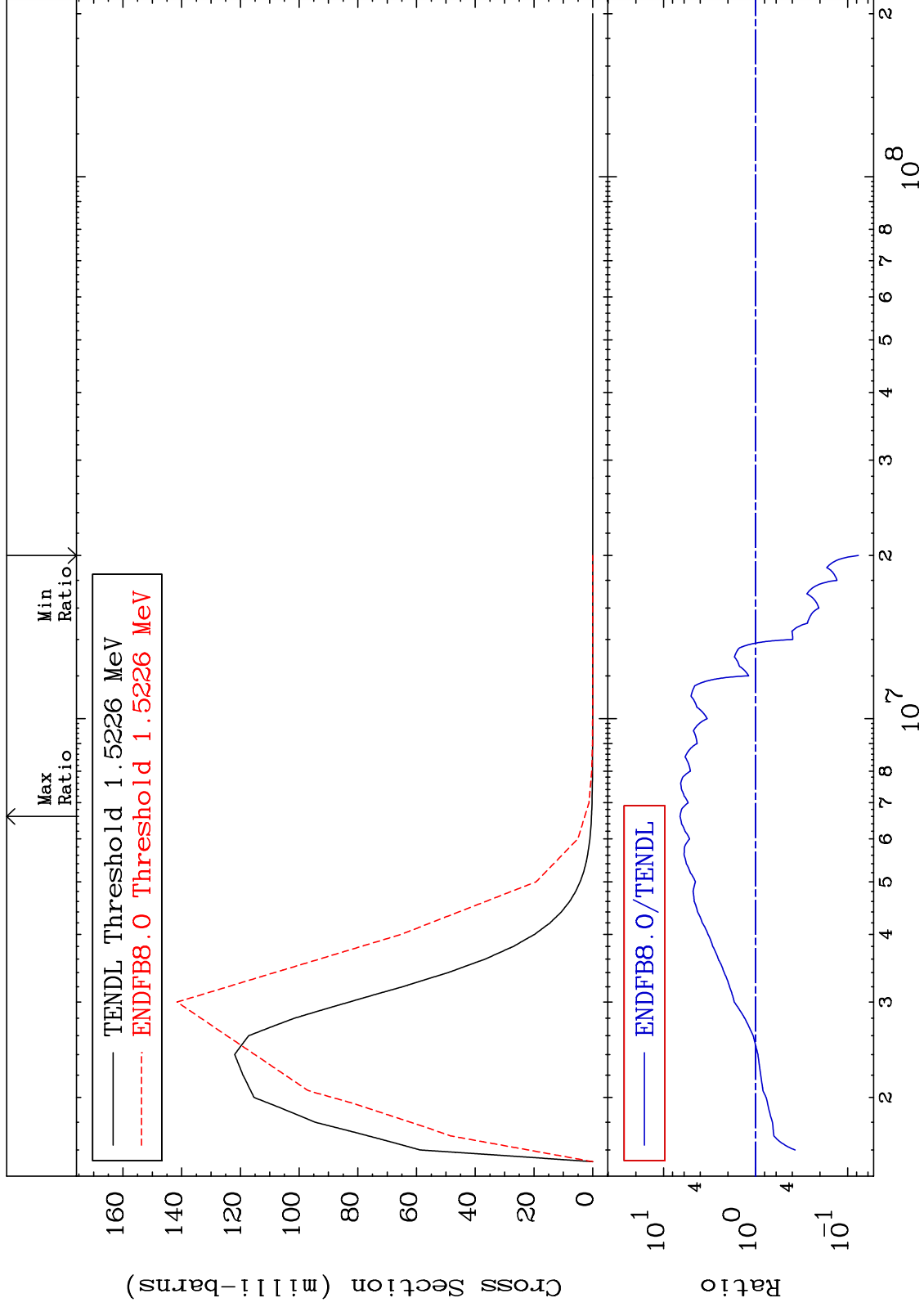
56-Ba-132
-92.41 To 607.0 %



MAT 5631

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

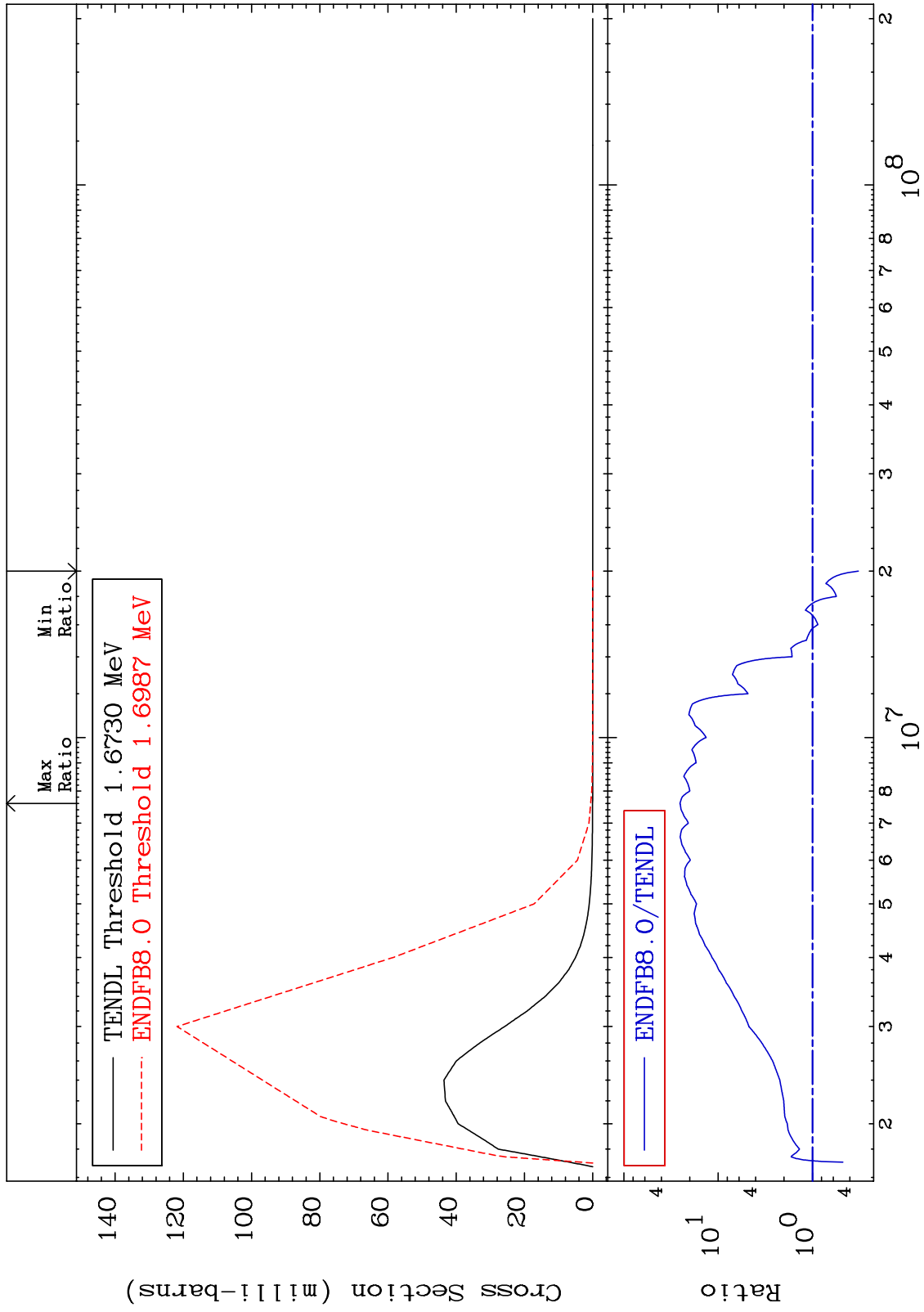
56-Ba-132
-92.37 To 563.6 %



MAT 5631

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

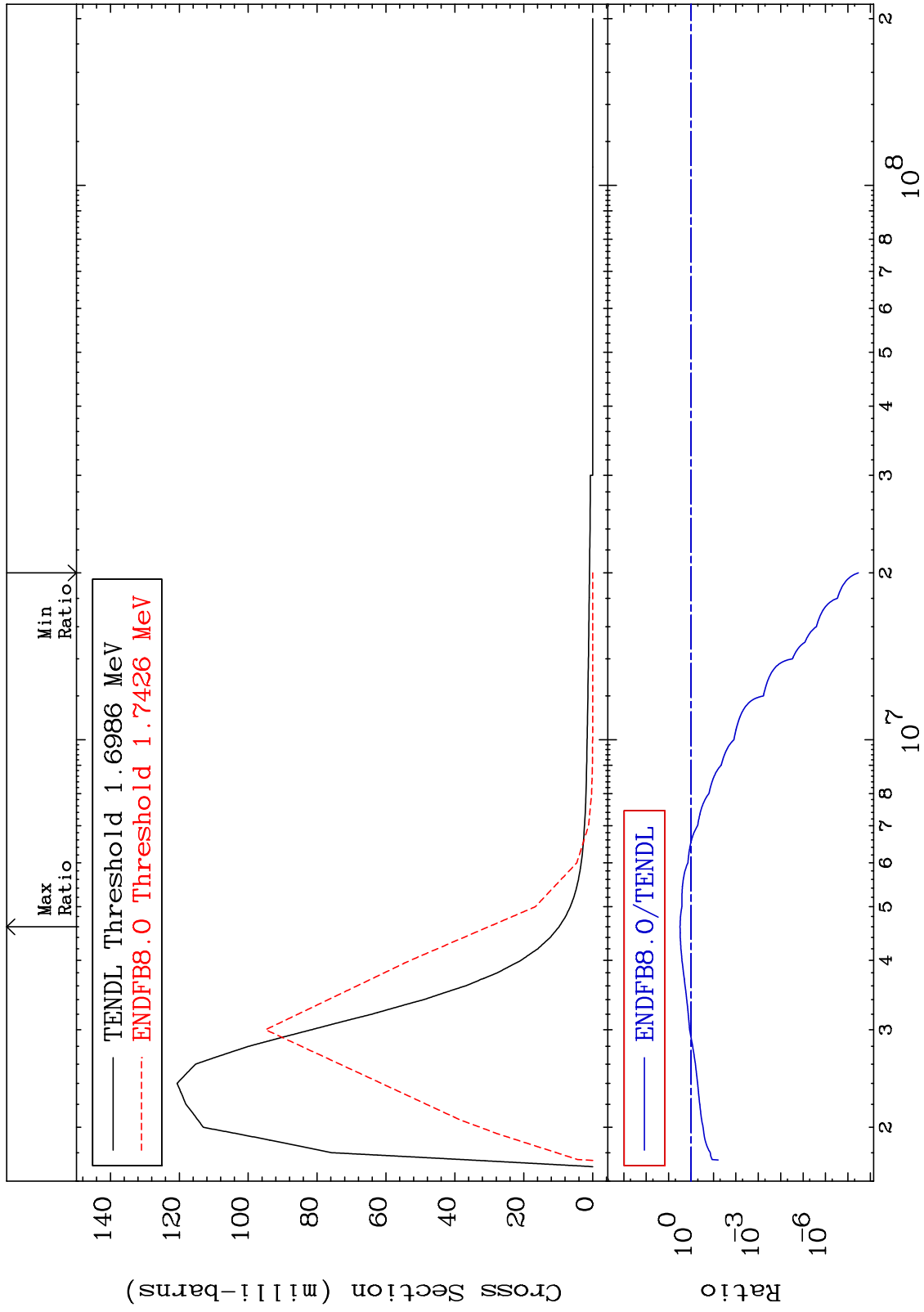
56-Ba-132
-67.46 To 2441. %



MAT 5631

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

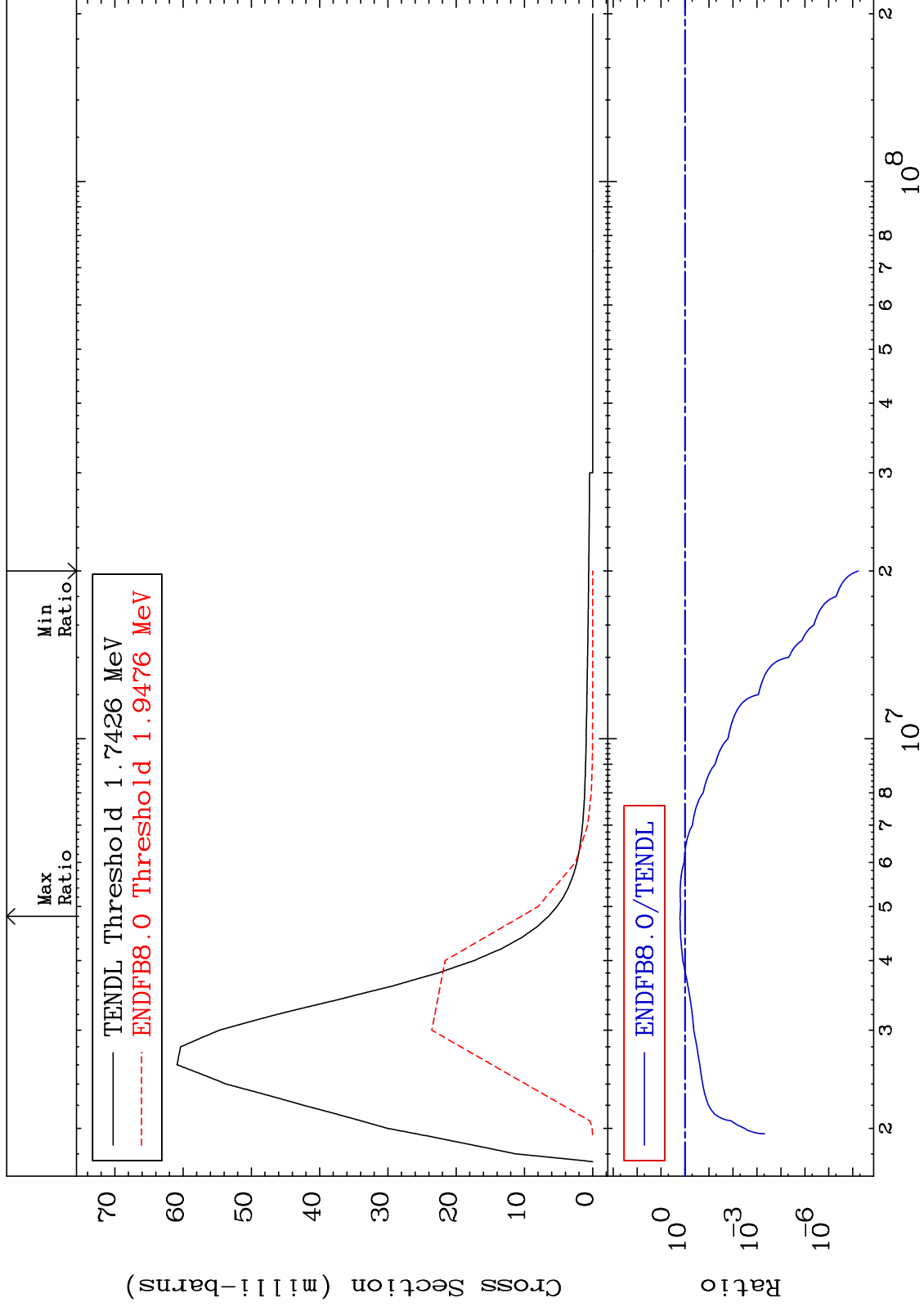
56-Ba-132
-100.0 To 210.0 %



MAT 5631

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

56-Ba-132
-100.0 To 62.04 %



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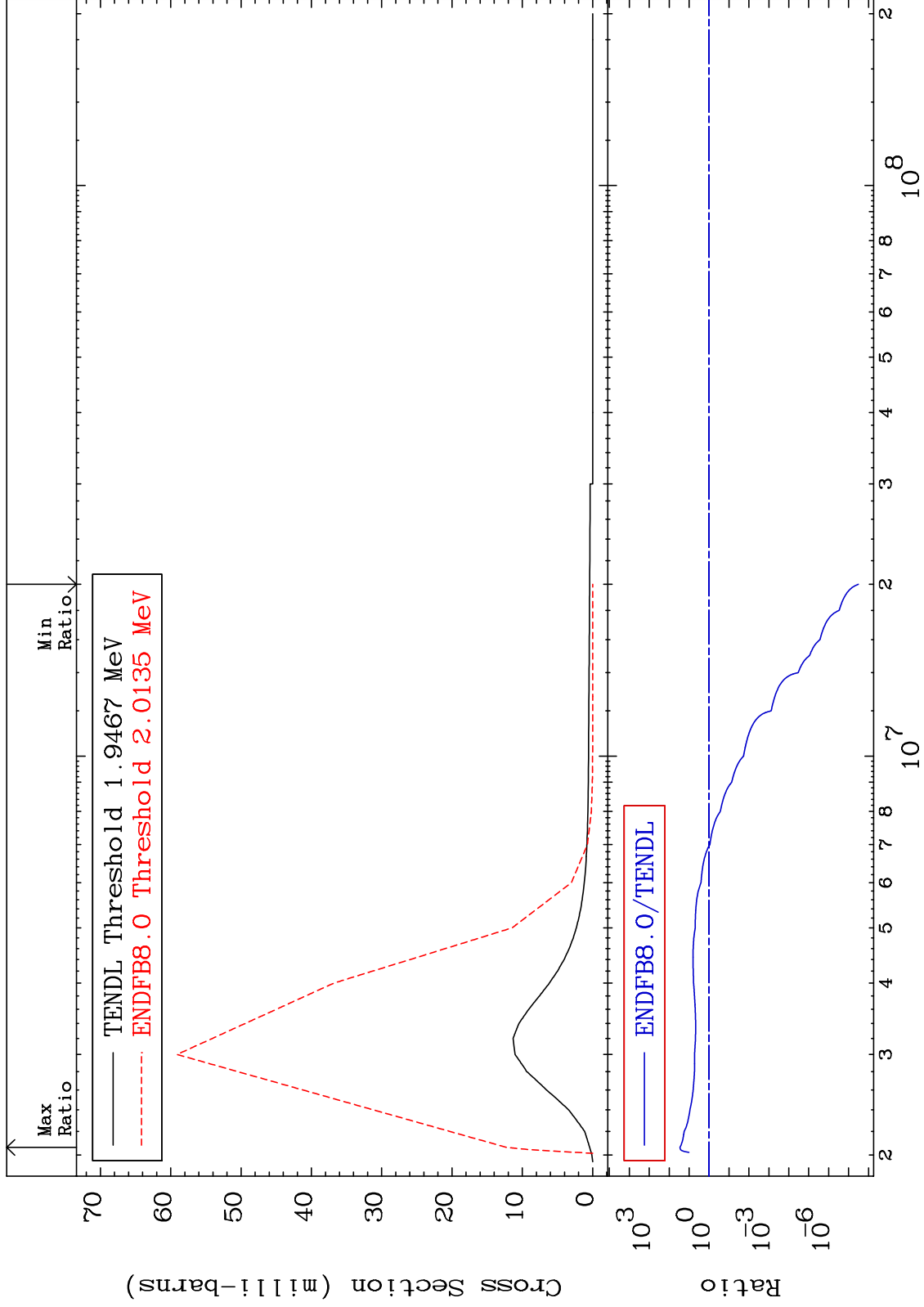
Incident Energy (eV)

56-Ba-132

MAT 5631

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

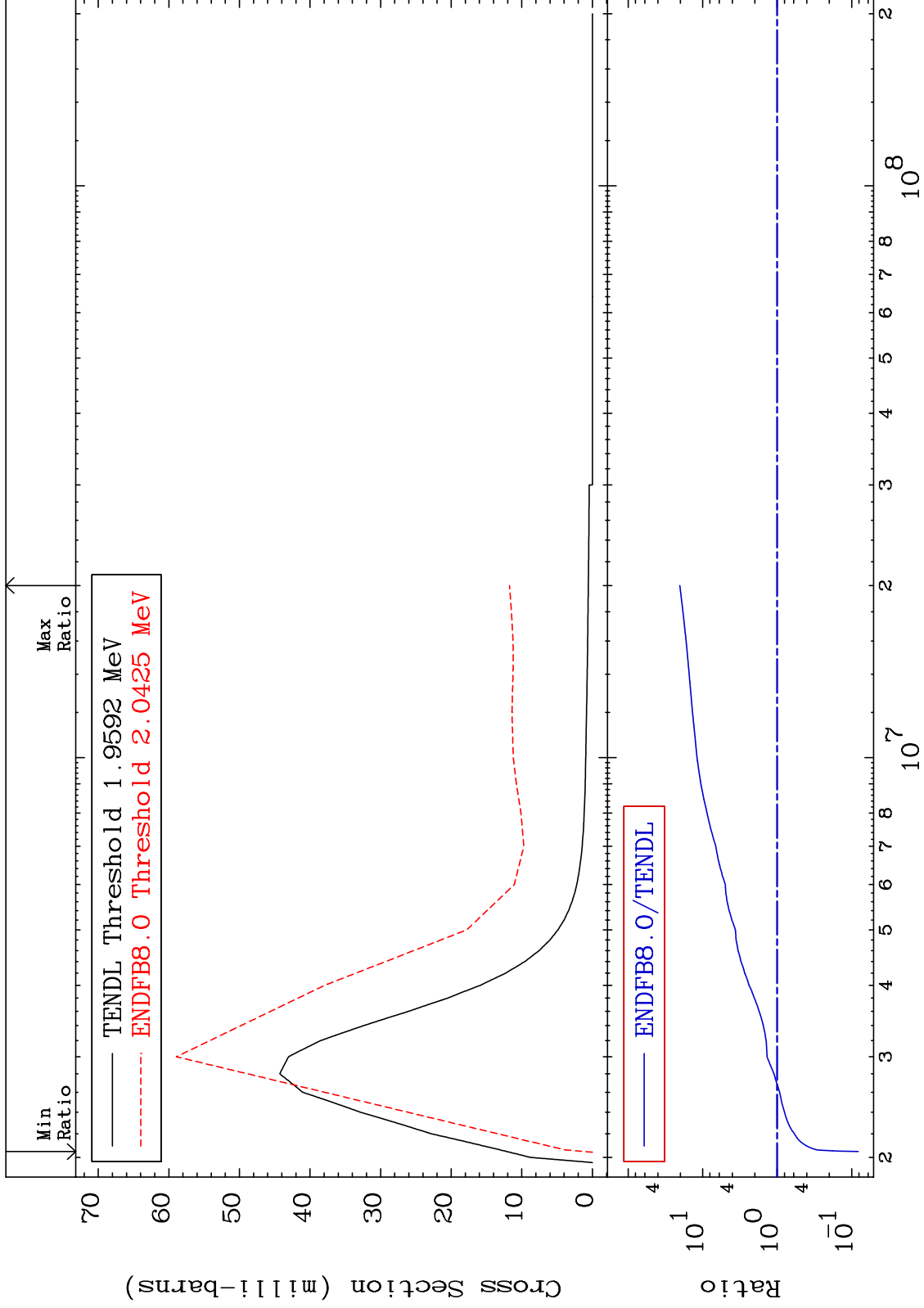
56-Ba-132
-100.0 To 2759. %



MAT 5631

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

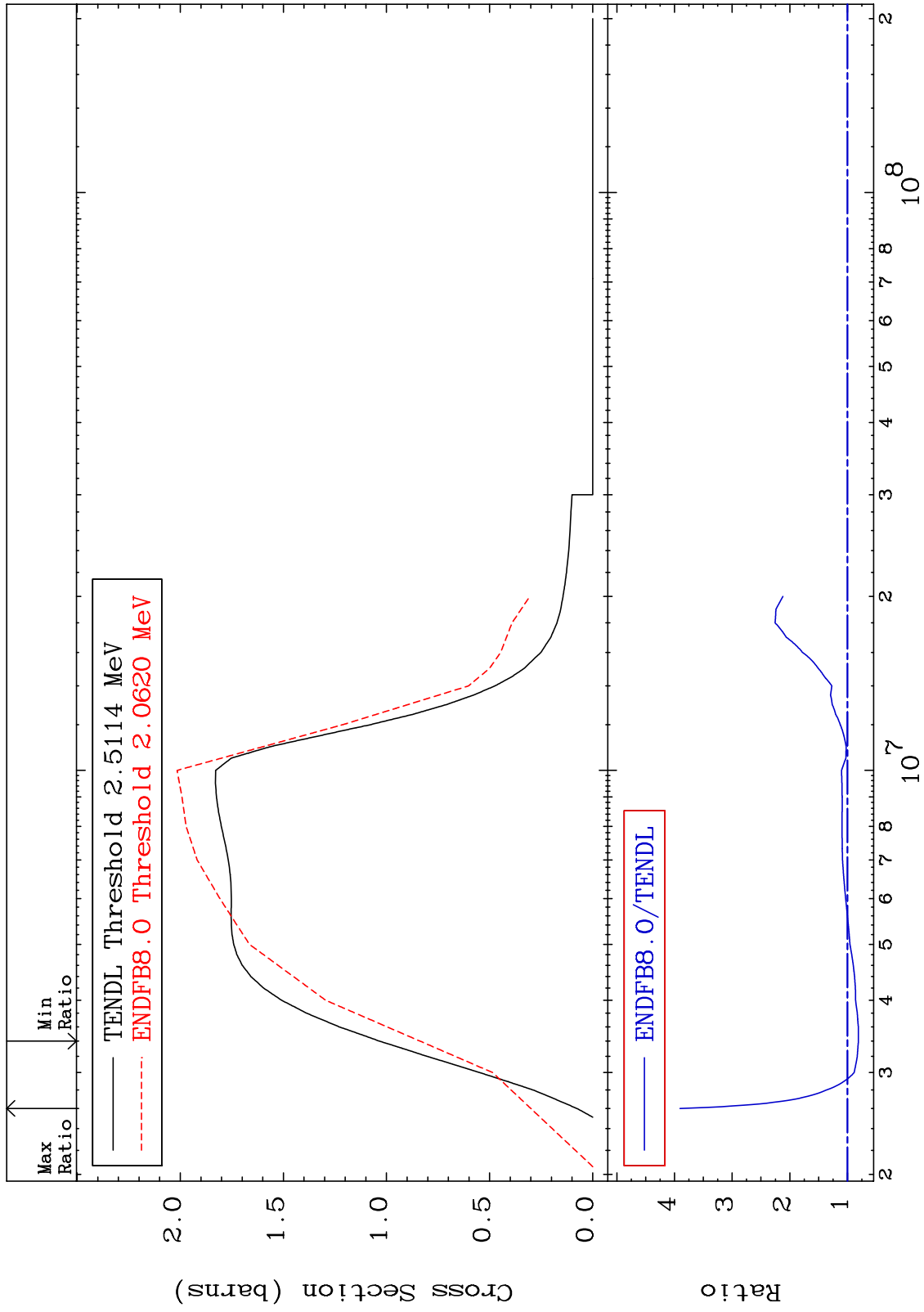
56-Ba-132
-91.87 To 1931. %



MAT 5631

(n, n') Continuum
Cross Section

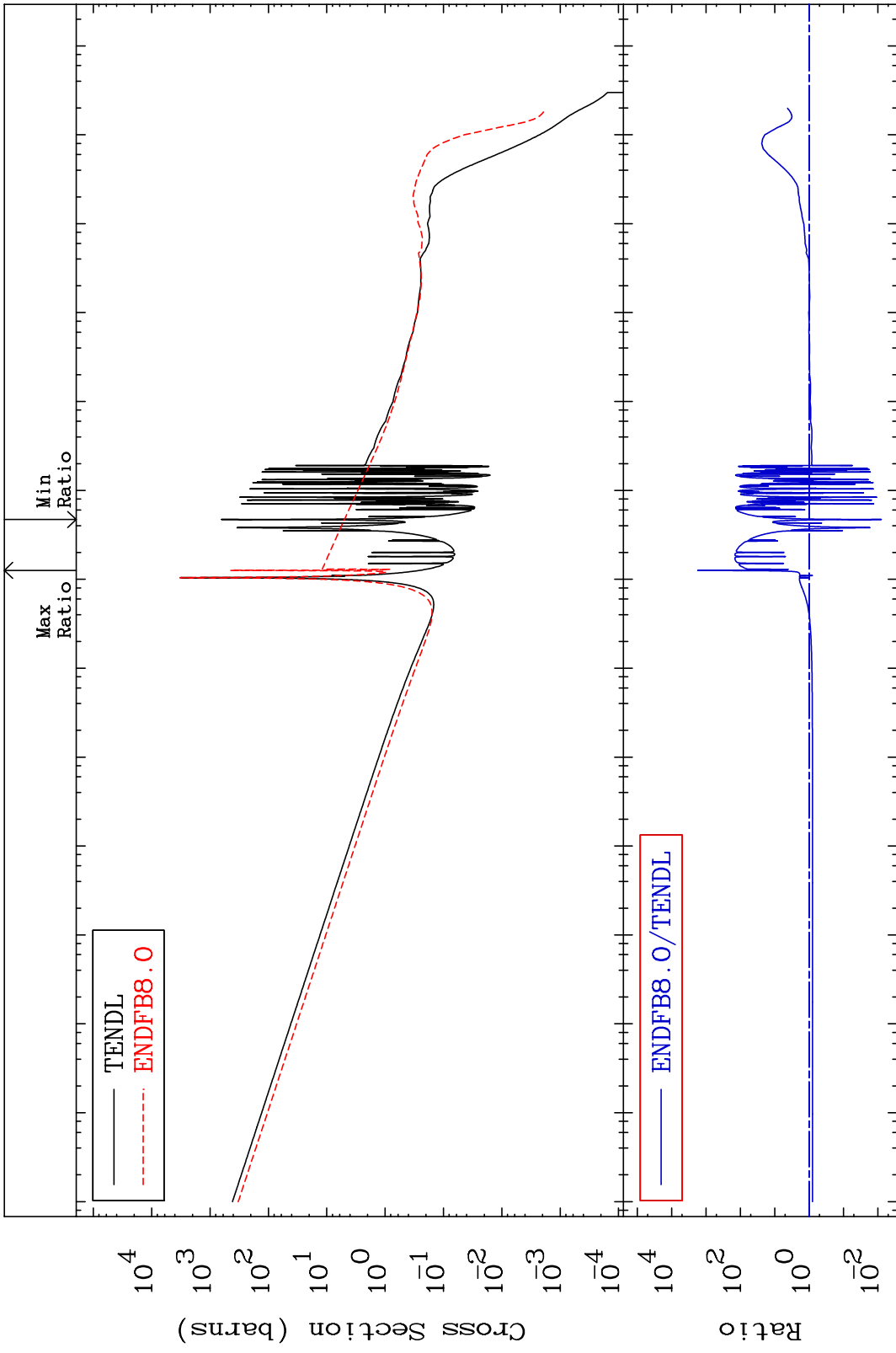
56-Ba-132
-19.07 To 290.4 %



MAT 5631

(n, γ)
Cross Section

56-Ba-132
-99.22 To 9999. %



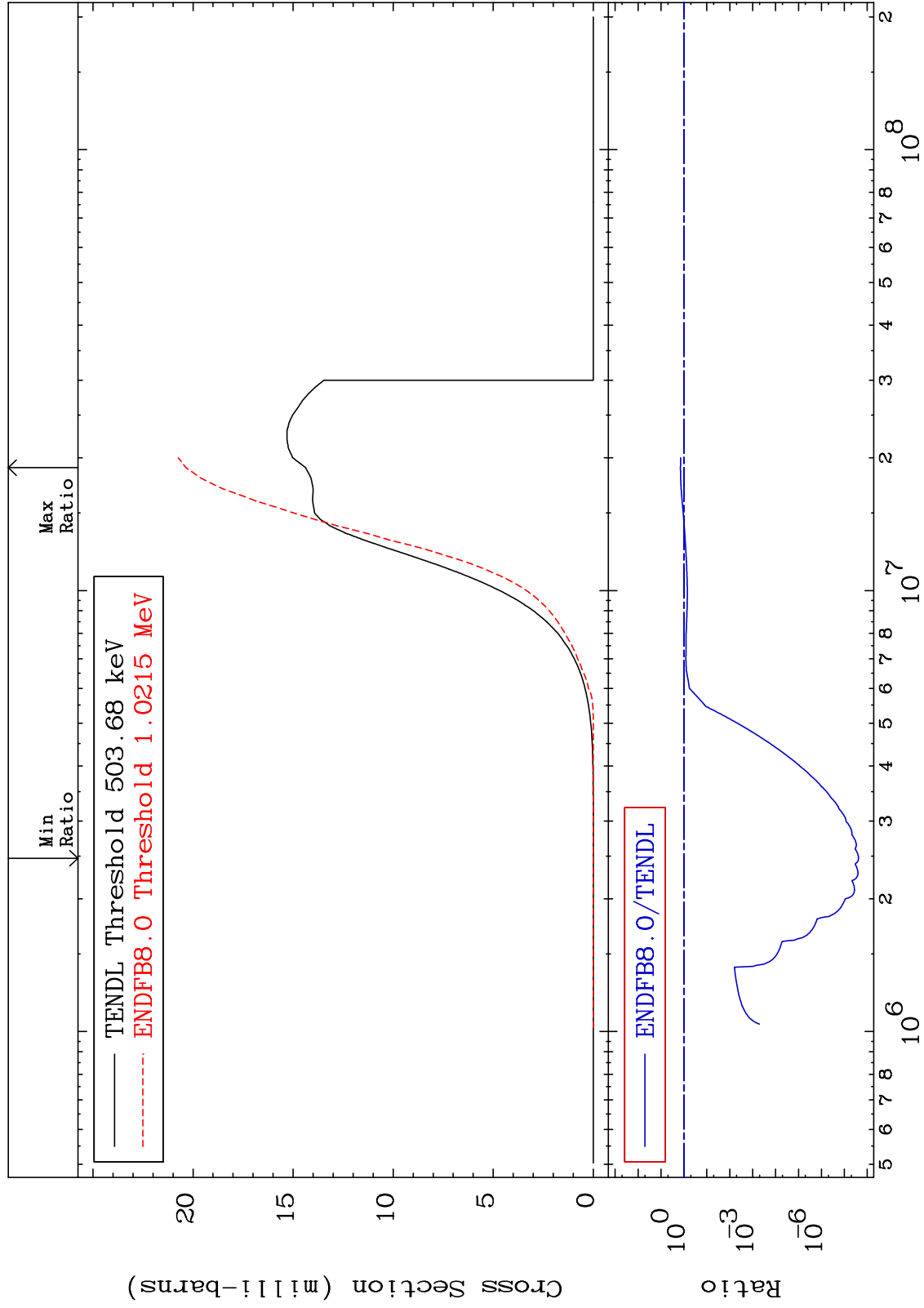
MAT 5631

(n, p)

56-Ba-132

Cross Section

-100.0 To 41.63 %



20

Incident Energy (eV)

56-Ba-132

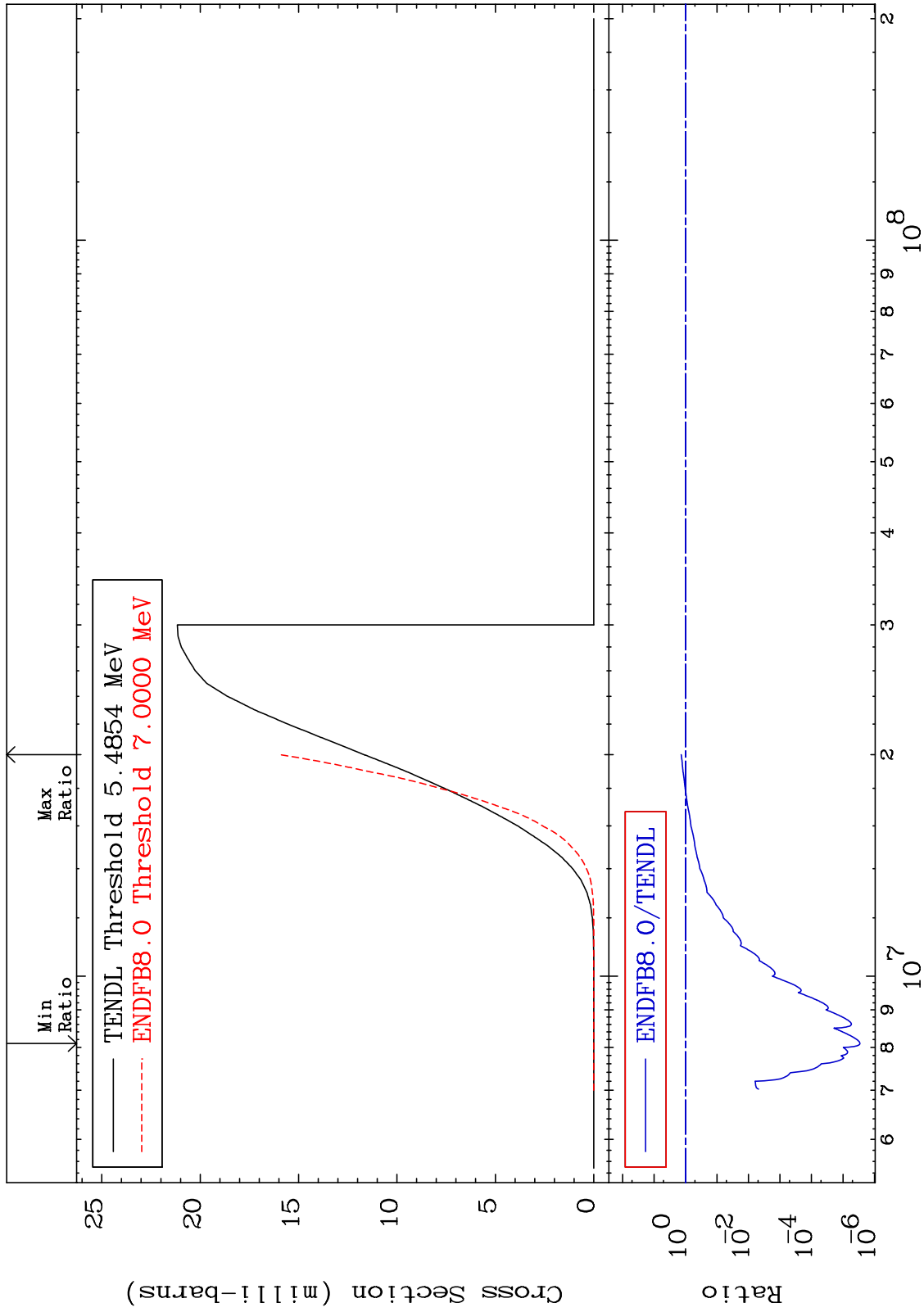
MAT 5631

(n, d)

56-Ba-132

Cross Section

-100.0 To 36.88 %



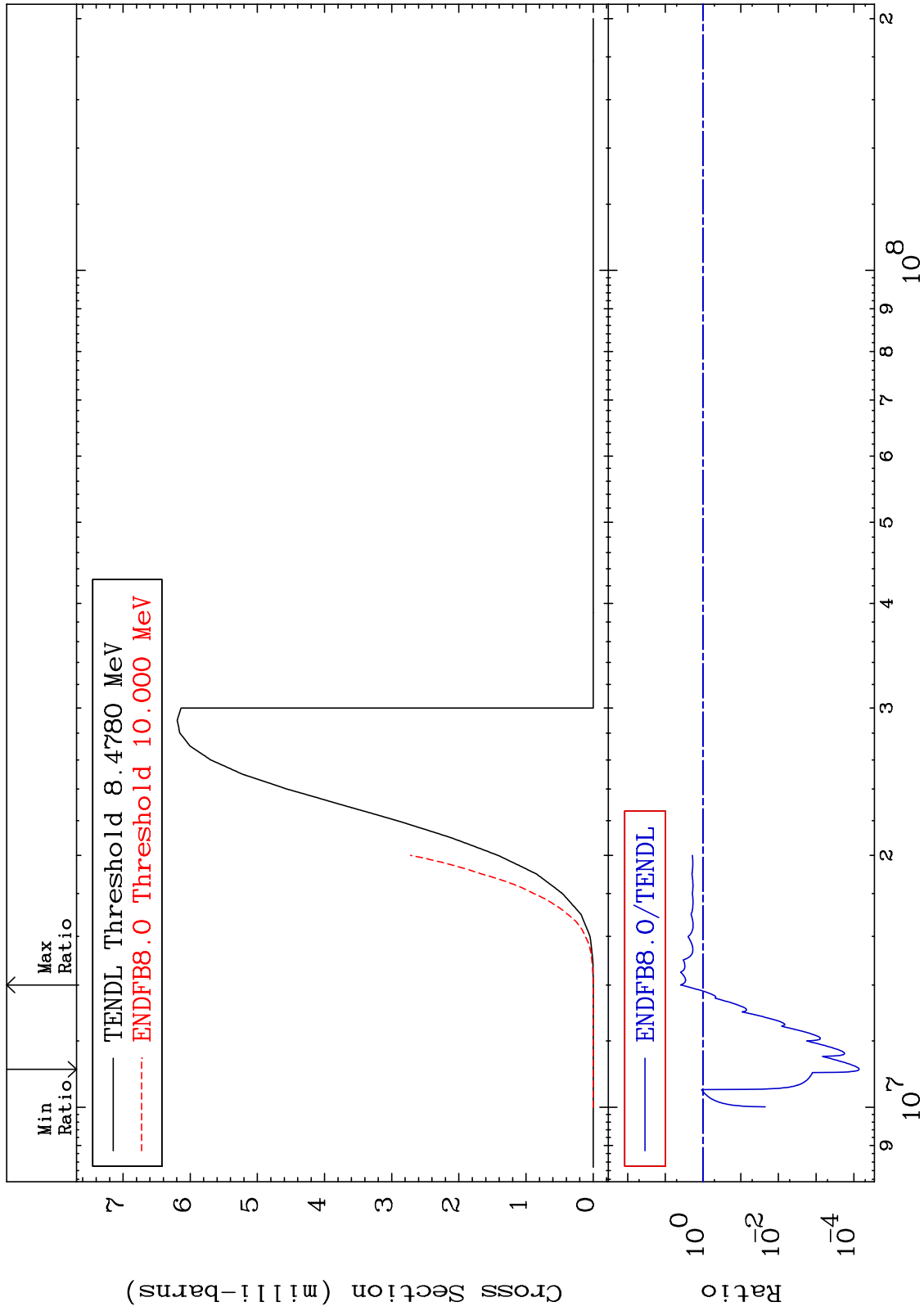
MAT 5631

(n, t)

56-Ba-132

Cross Section

-99.99 To 293.7 %



22

Incident Energy (eV)

56-Ba-132

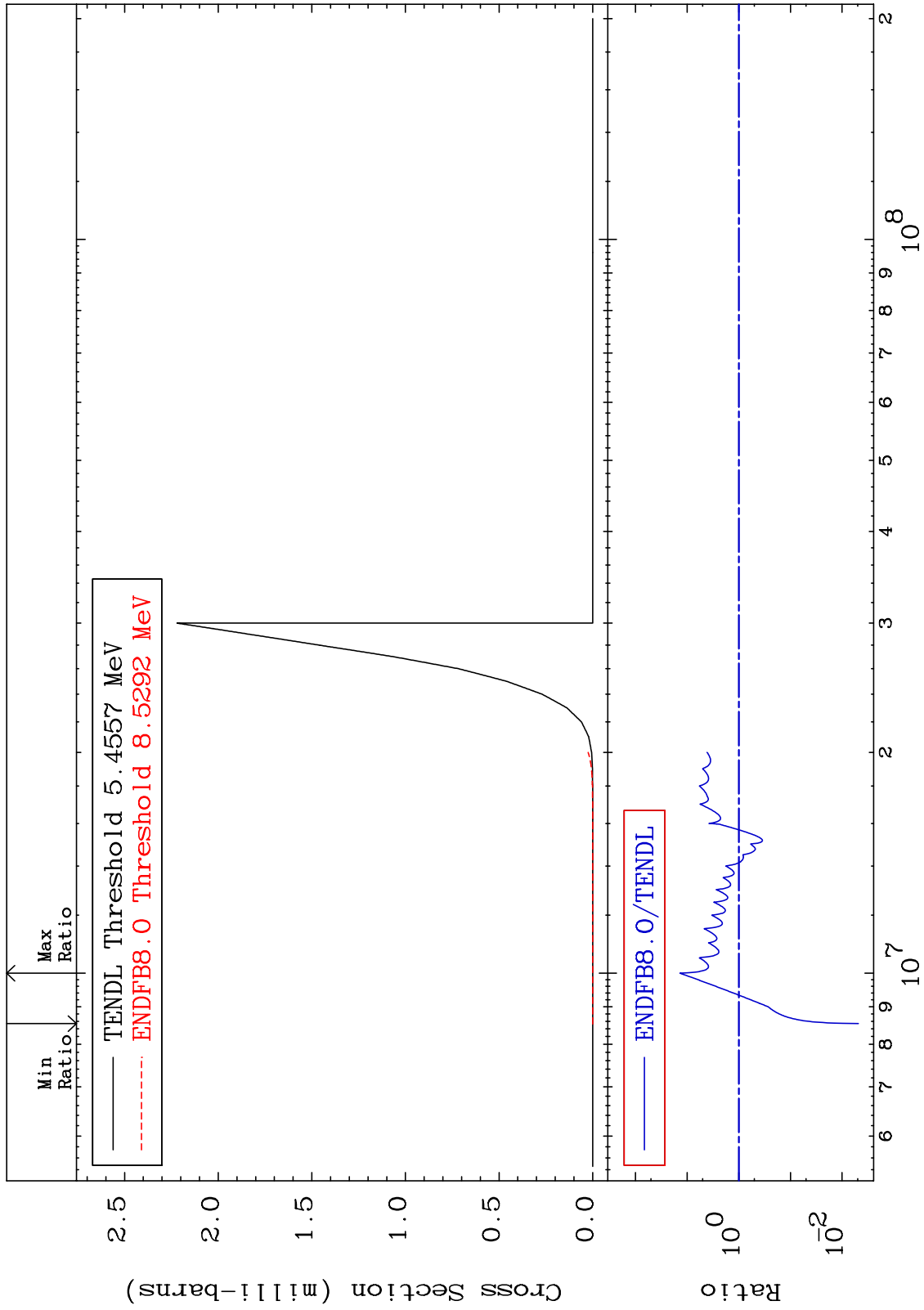
MAT 5631

(n, He-3)

56-Ba-132

Cross Section

-99.52 To 1271. %

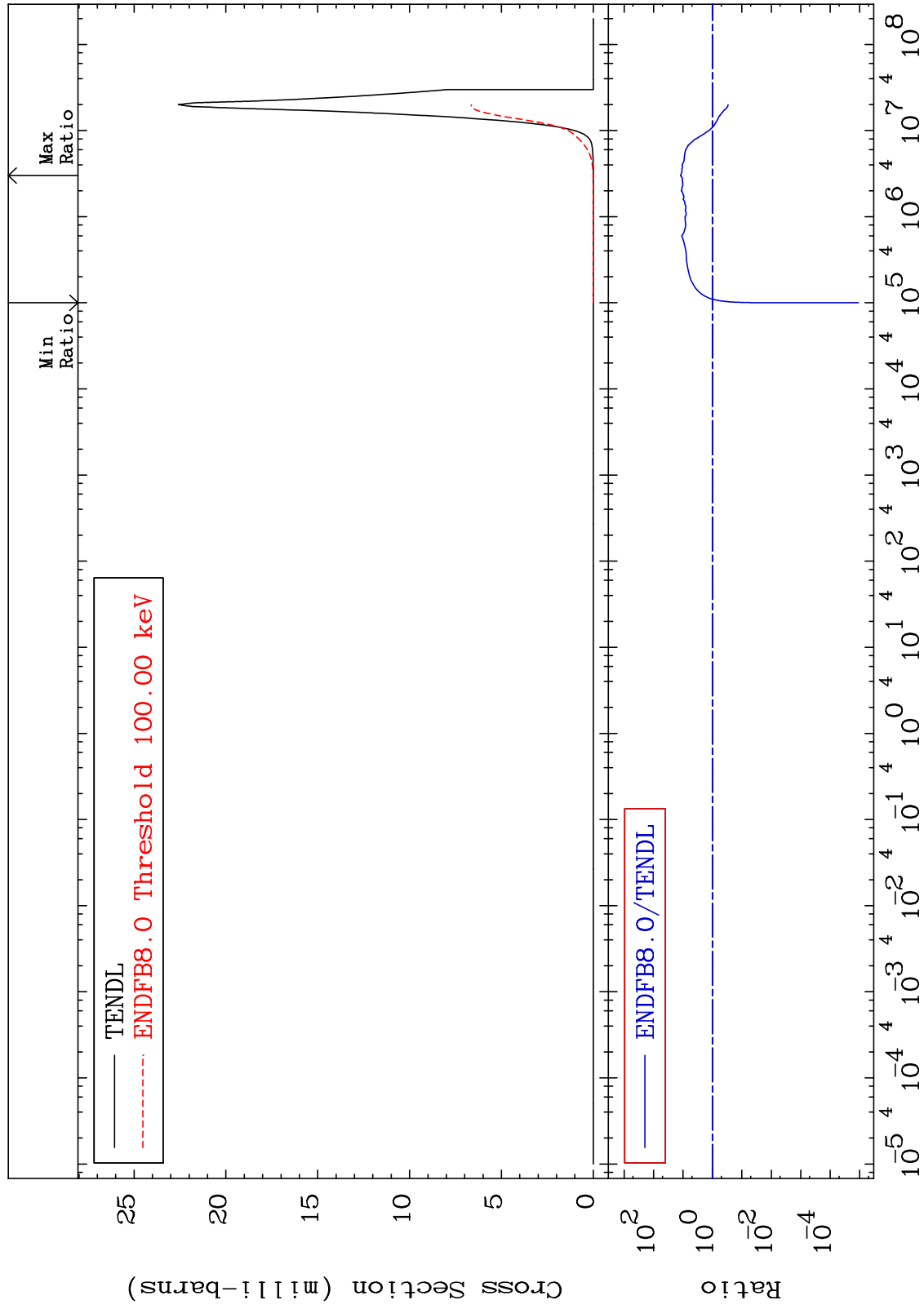


MAT 5631

(n, α)
Cross Section

56-Ba-132

-100.0 To 1121. %



24

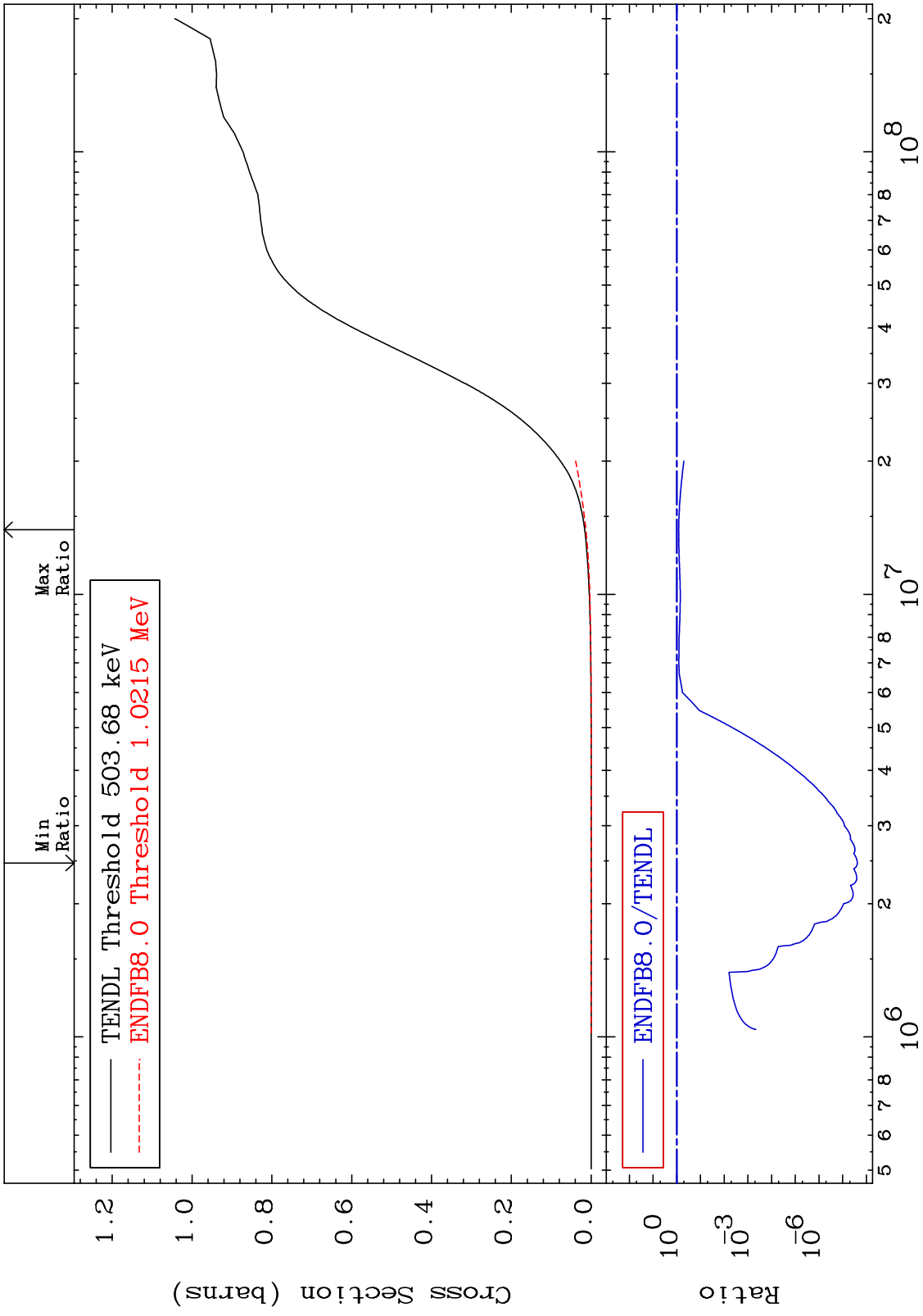
Incident Energy (eV)

56-Ba-132

MAT 5631

Hydrogen Production Cross Section

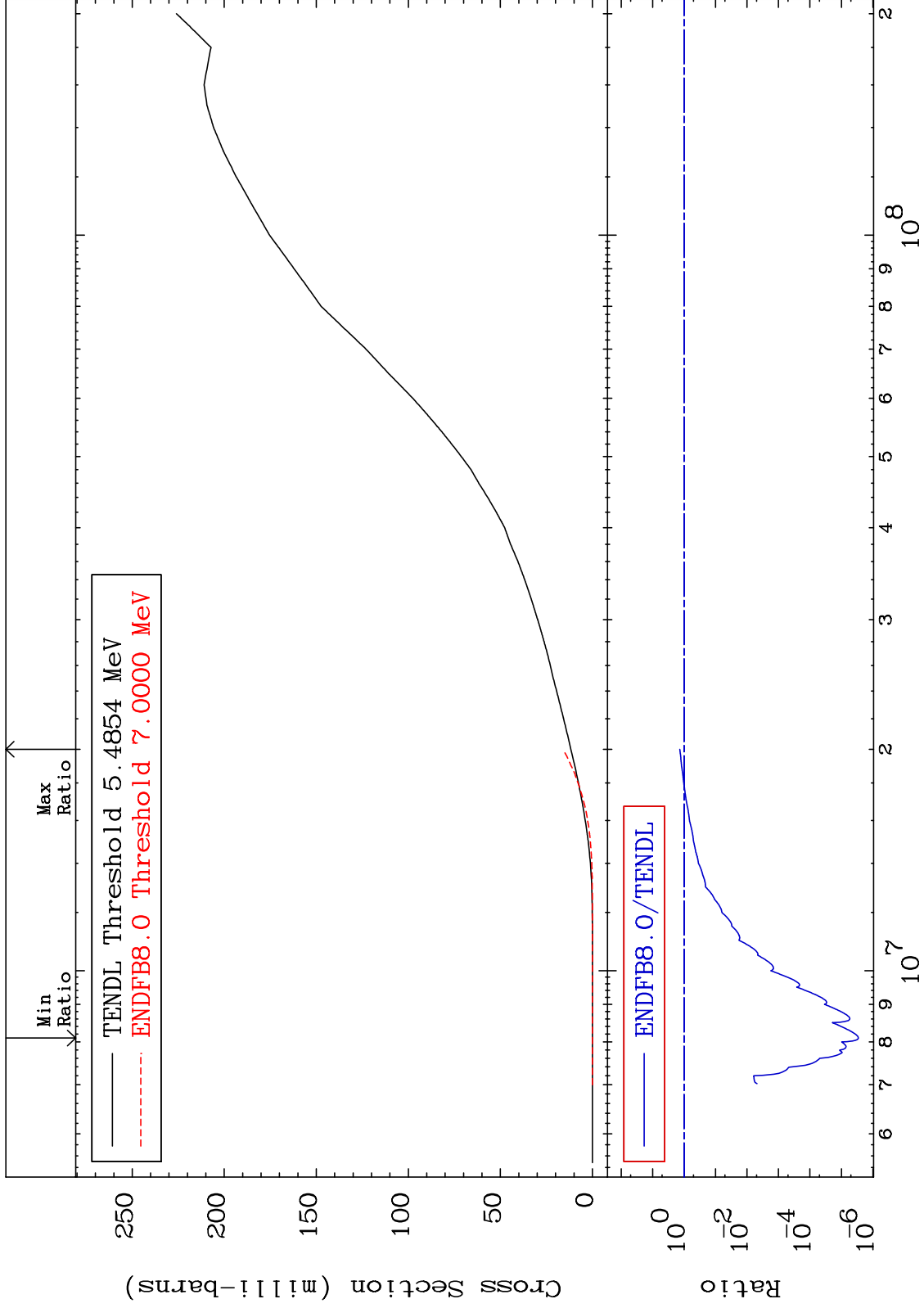
56-Ba-132
-100.0 To -16.61%



MAT 5631

Deuterium Production
Cross Section

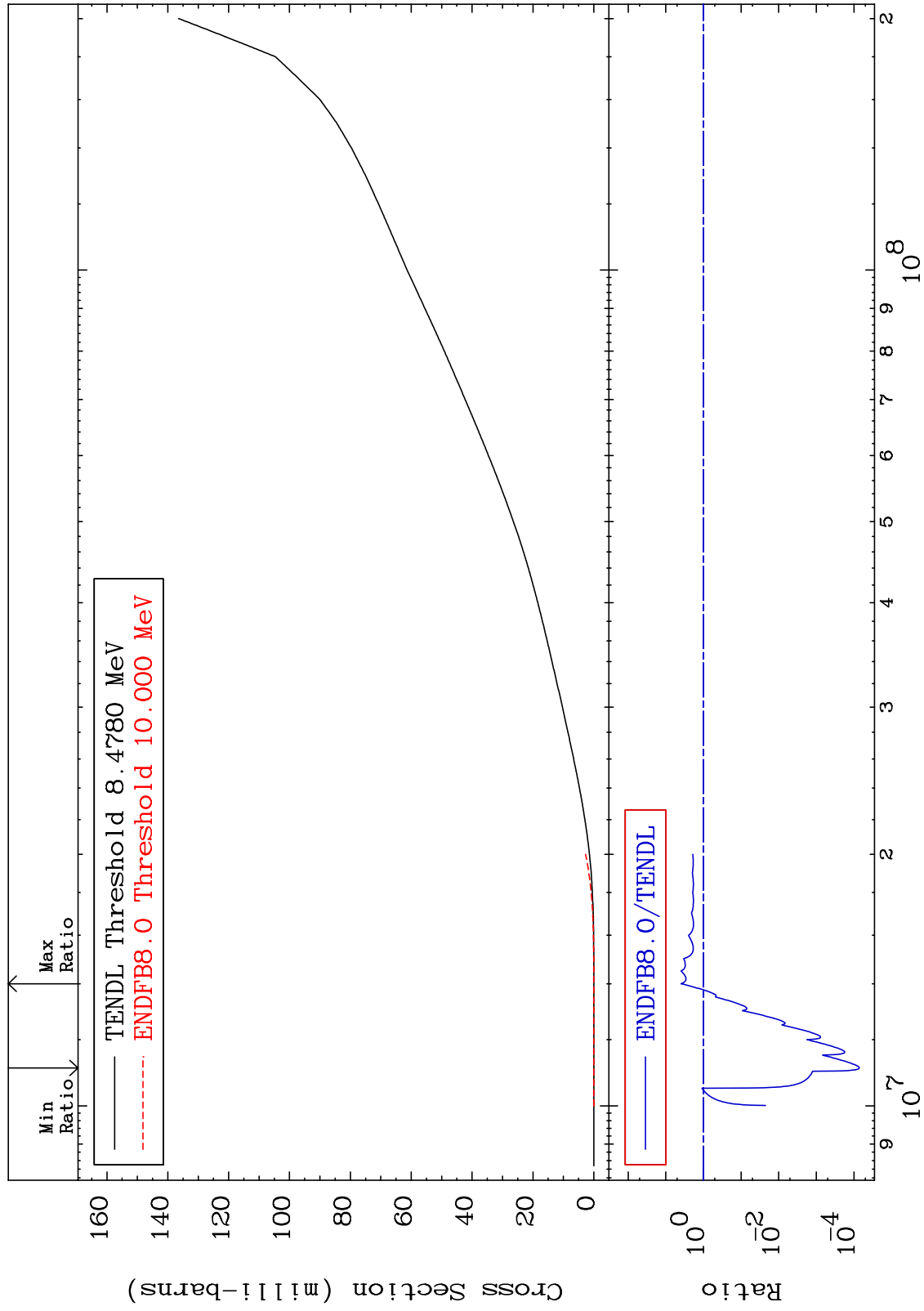
56-Ba-132
-100.0 To 36.85 %



MAT 5631

Tritium Production
Cross Section

56-Ba-132
-99.99 To 293.7 %



27

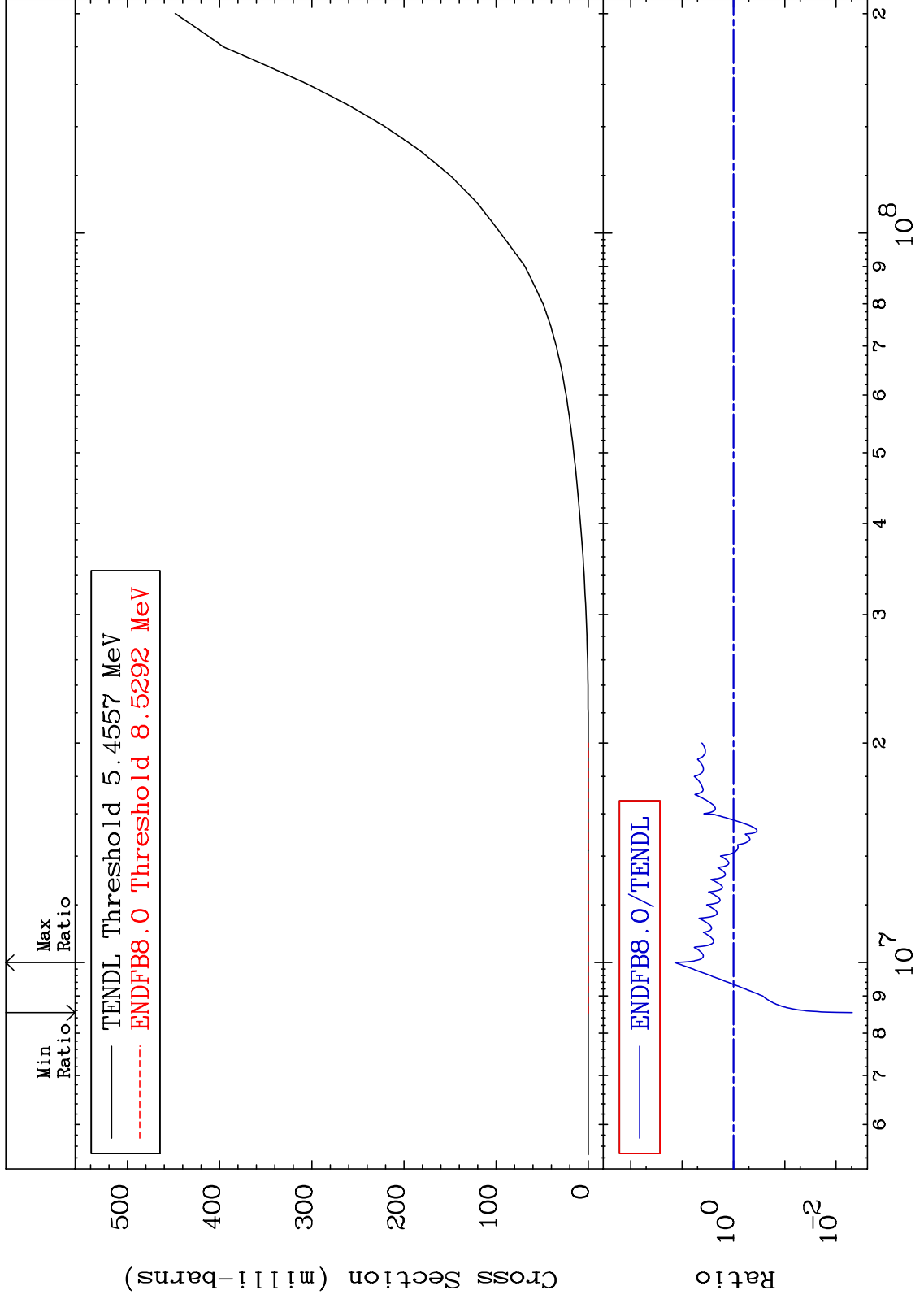
Incident Energy (eV)

56-Ba-132

MAT 5631

He-3 Production
Cross Section

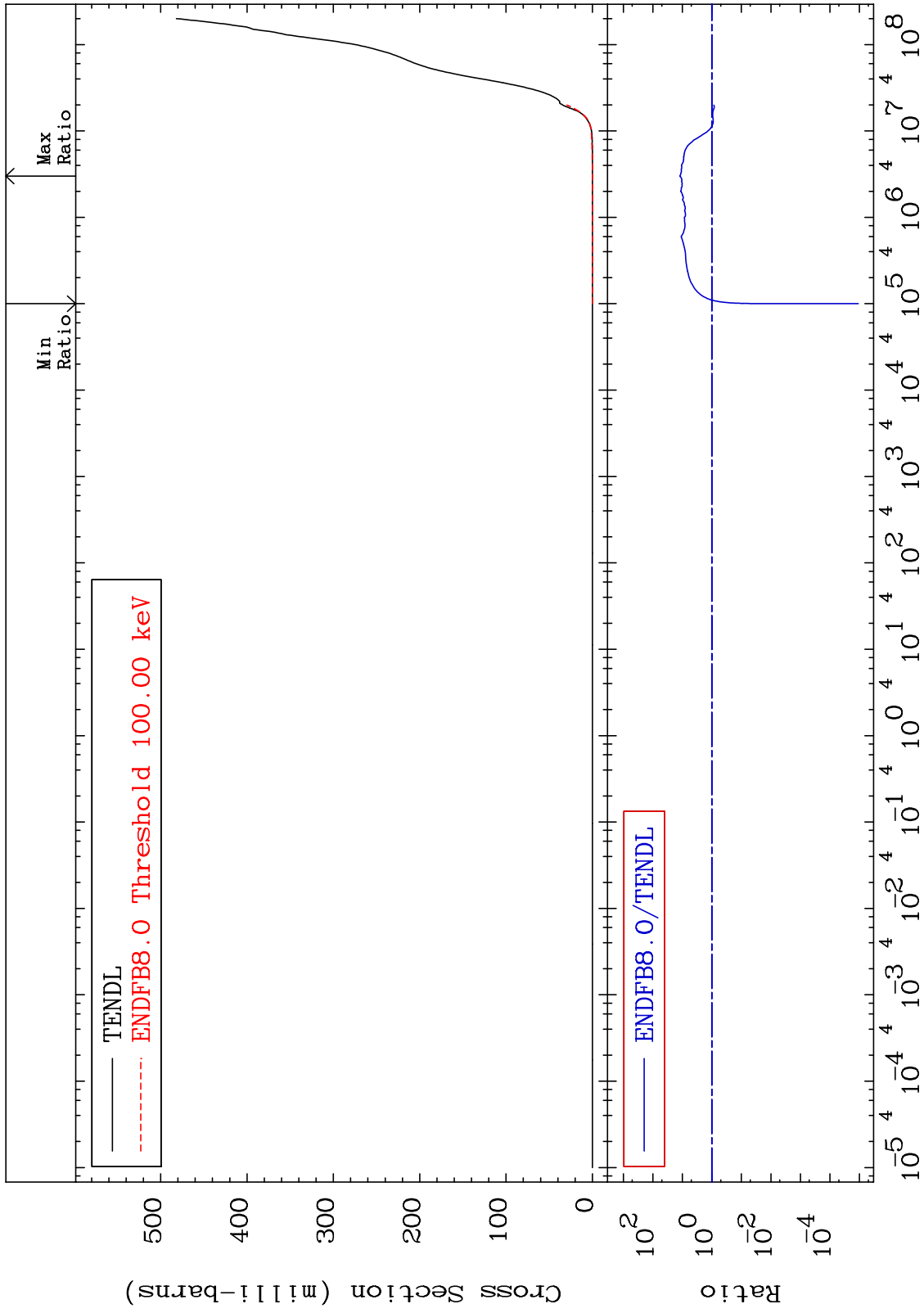
56-Ba-132
-99.52 To 1271. %



MAT 5631

He-4 Production
Cross Section

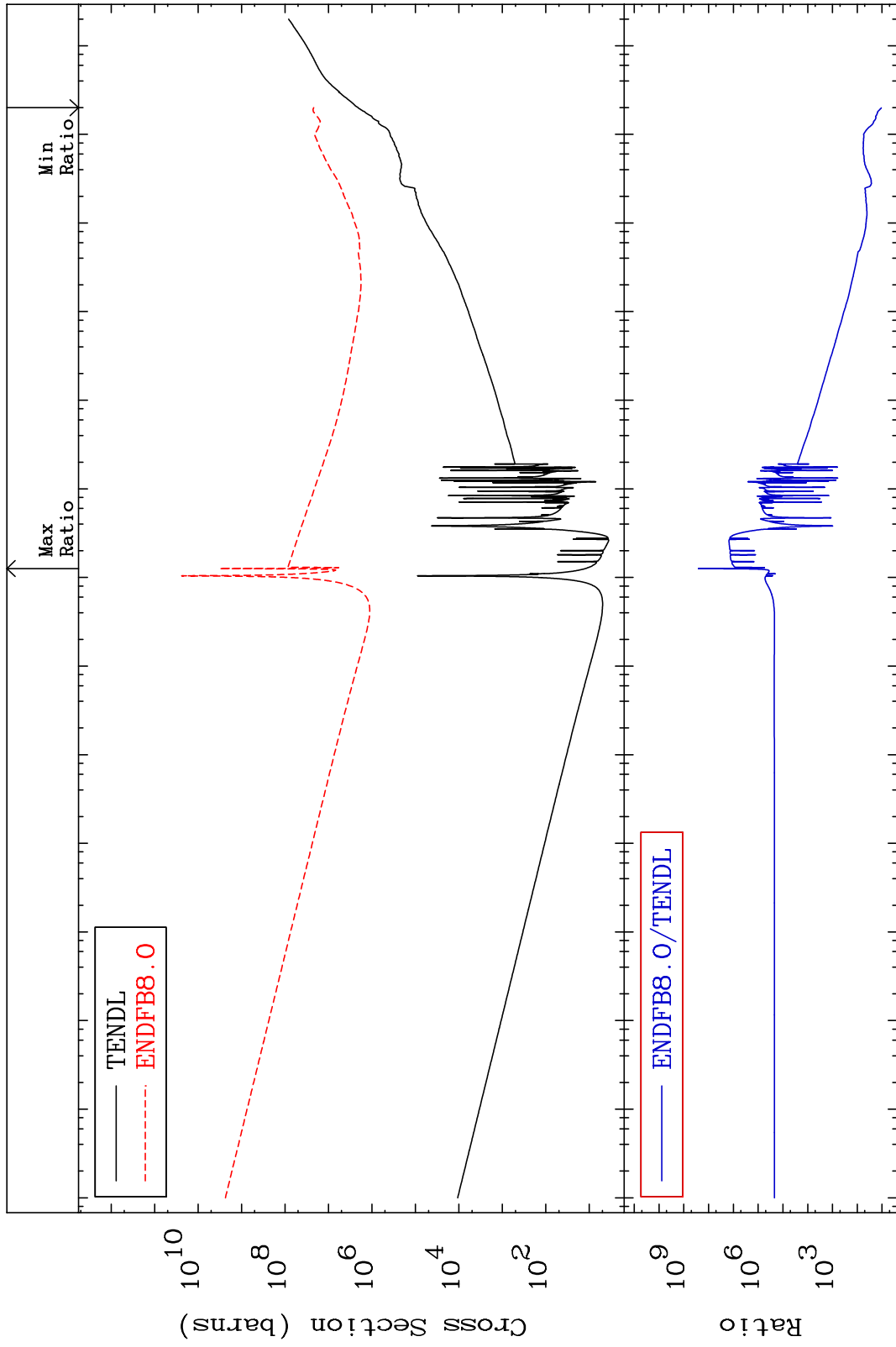
56-Ba-132
-100.0 To 1121. %



MAT 5631

Kerma total (eV-barns)
Cross Section

56-Ba-132
947.9 To 9999. %



30

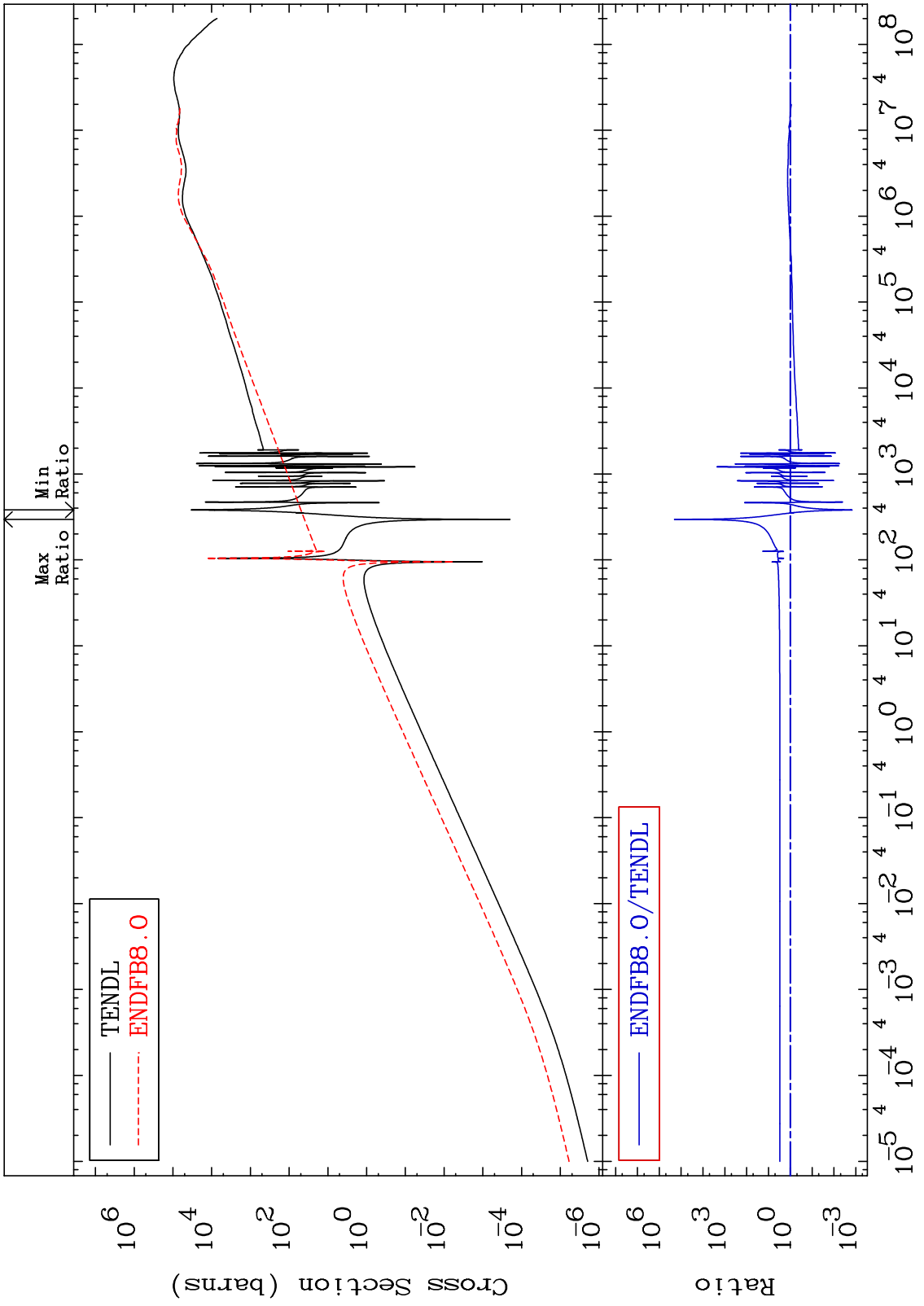
Incident Energy (eV)

56-Ba-132

MAT 5631

Kerma elastic
Cross Section

56-Ba-132
-99.85 To 9999. %



31

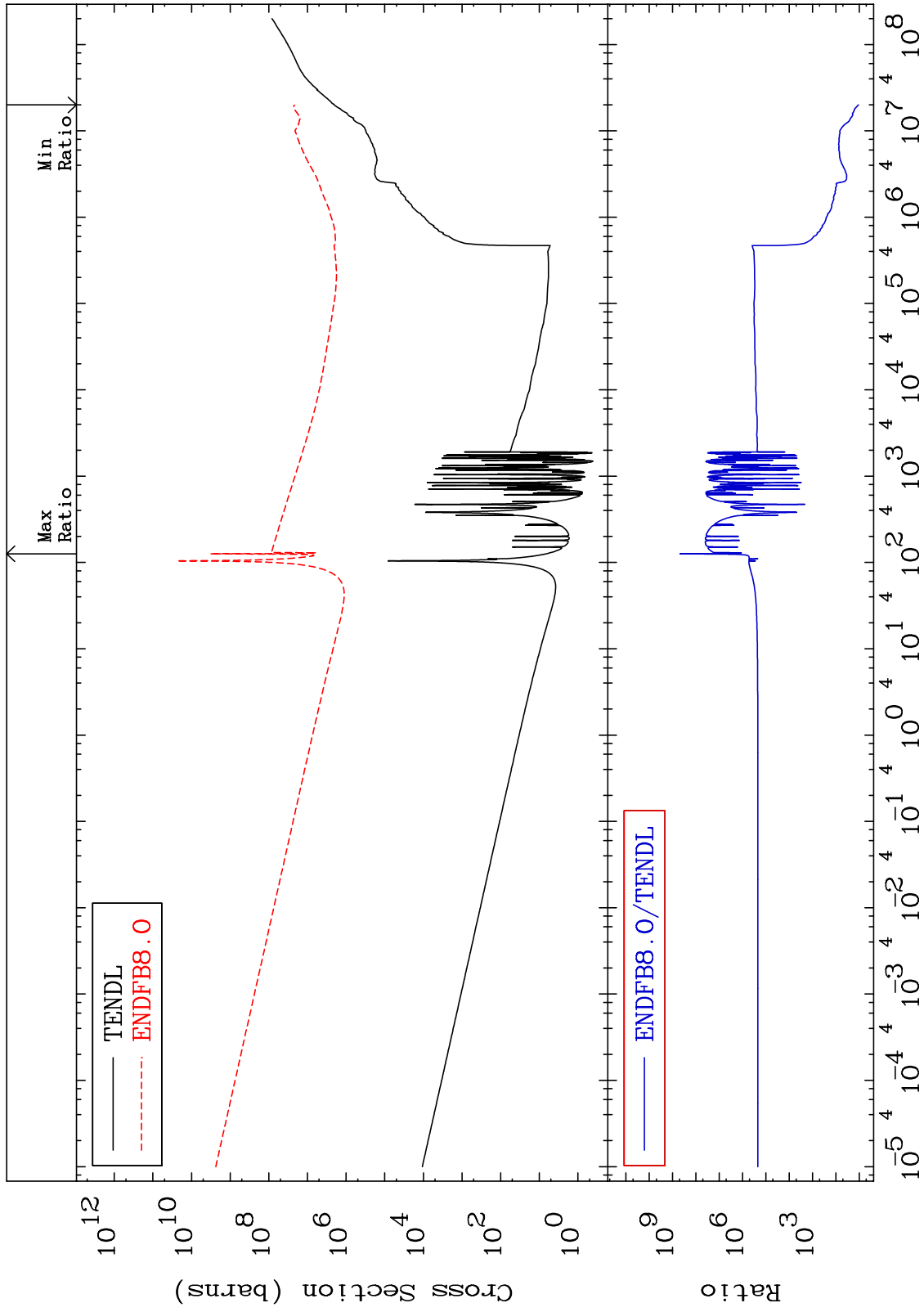
Incident Energy (eV)

56-Ba-132

MAT 5631

Kerma non-elastic (all but mt2)
Cross Section

56-Ba-132
981.7 To 9999. %



32

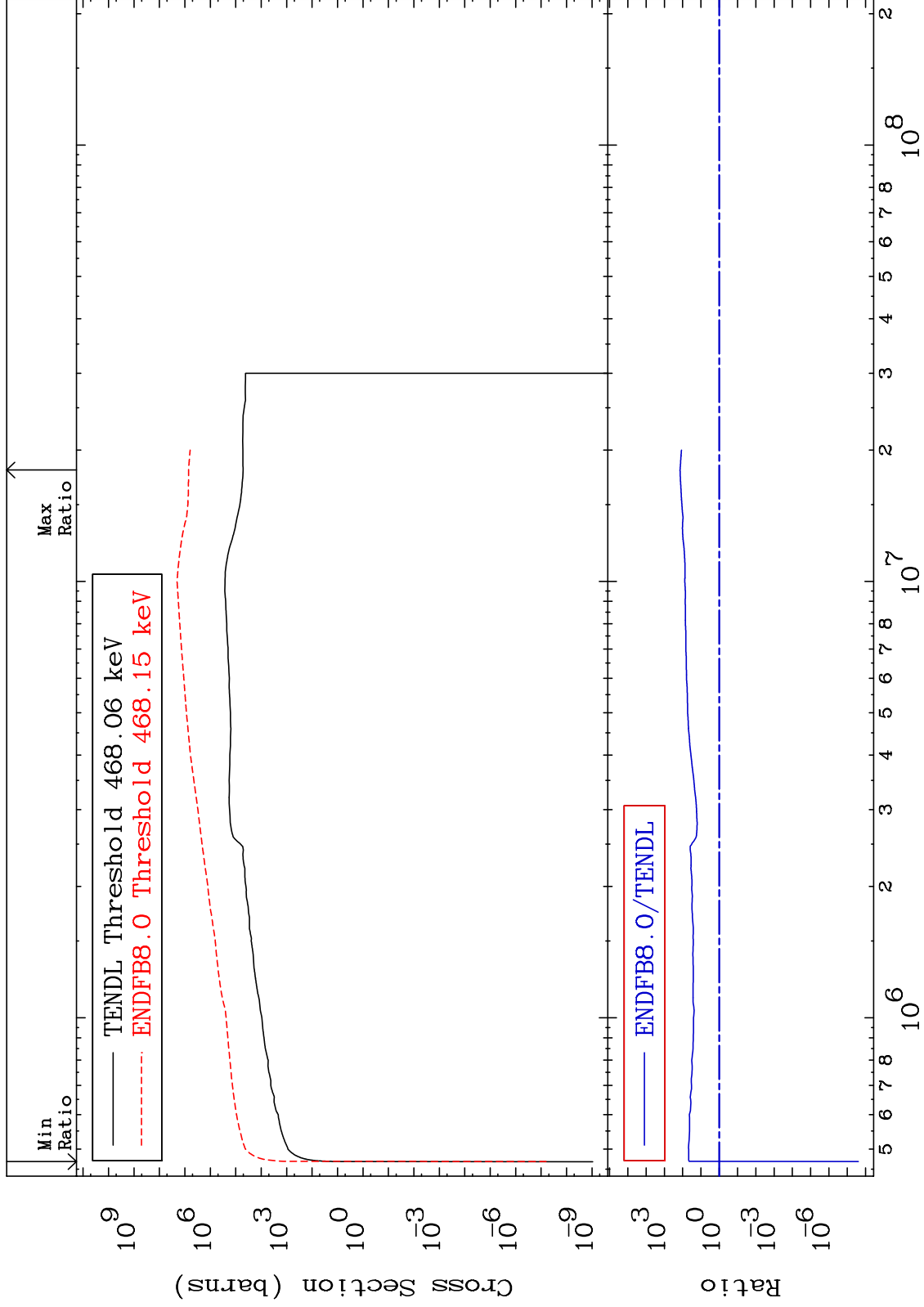
Incident Energy (eV)

56-Ba-132

MAT 5631

Kerma inelastic (mt51-91)
Cross Section

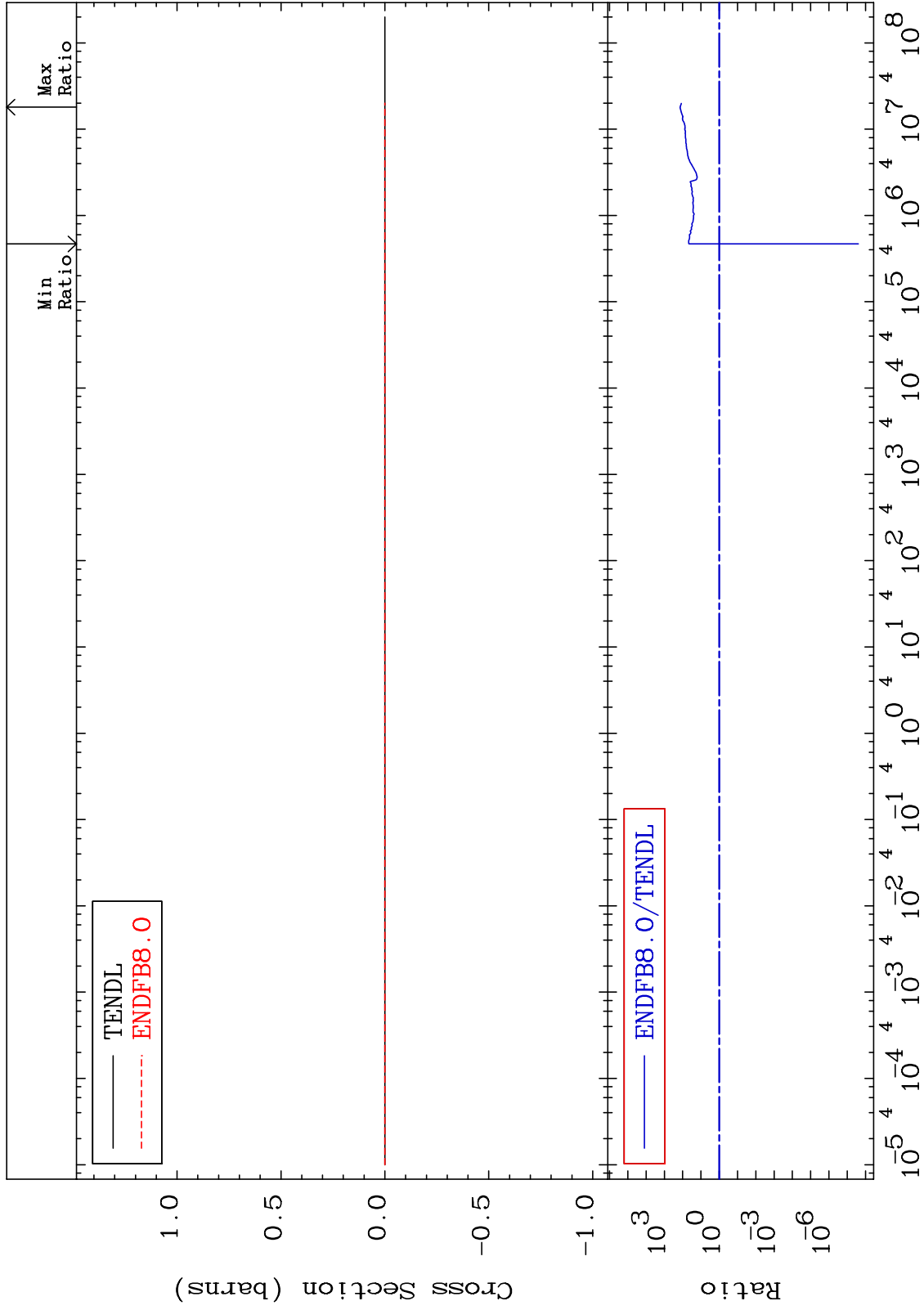
56-Ba-132
-100.0 To 9999. %



MAT 5631

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

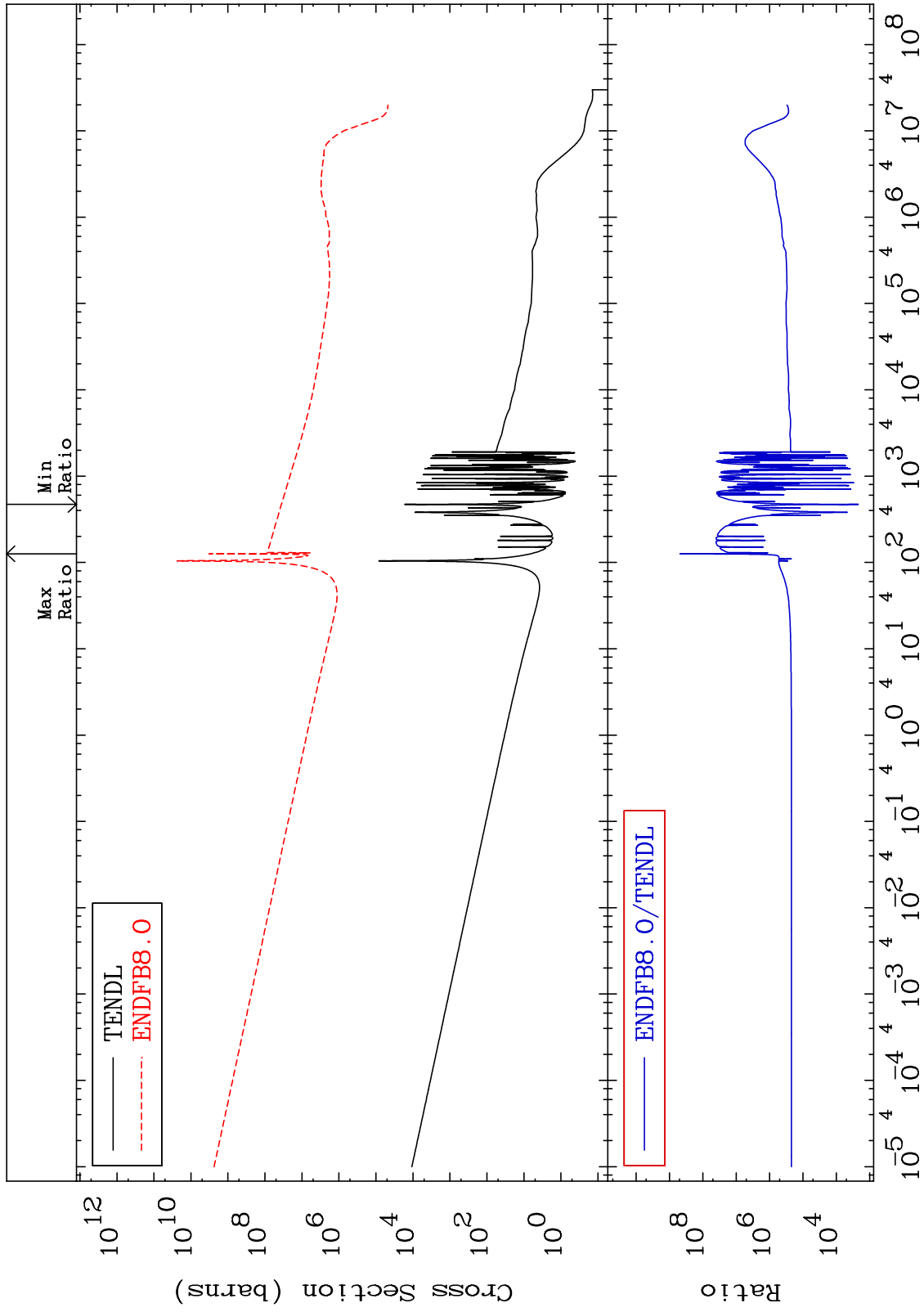
56-Ba-132
-100.0 To 9999. %



MAT 5631

Kerma capture (mt102)
Cross Section

56-Ba-132
9999. To 9999. %



35

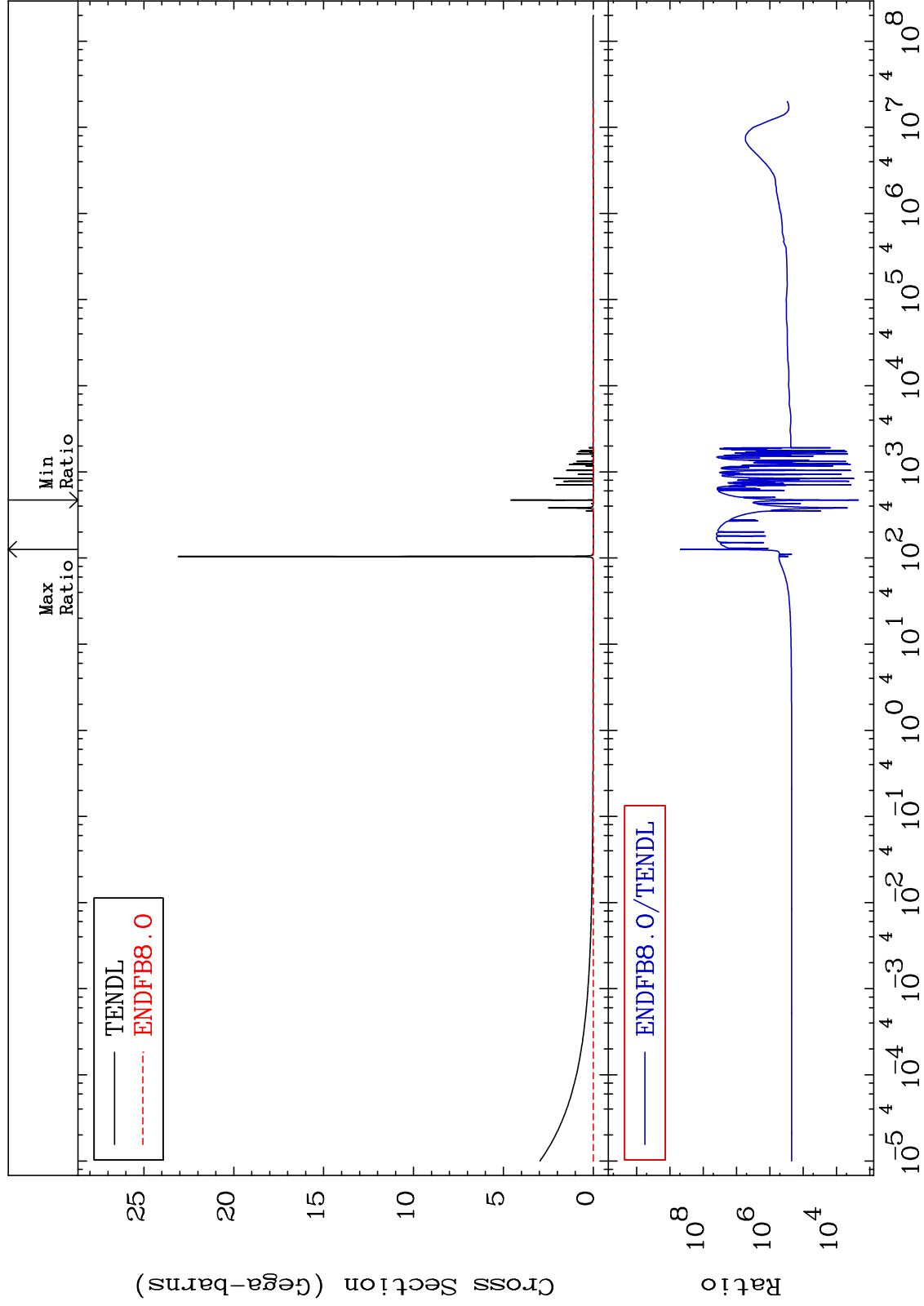
Incident Energy (eV)

56-Ba-132

MAT 5631

Total photon (eV-barns)
Cross Section

56-Ba-132
9999. To 9999. %



36

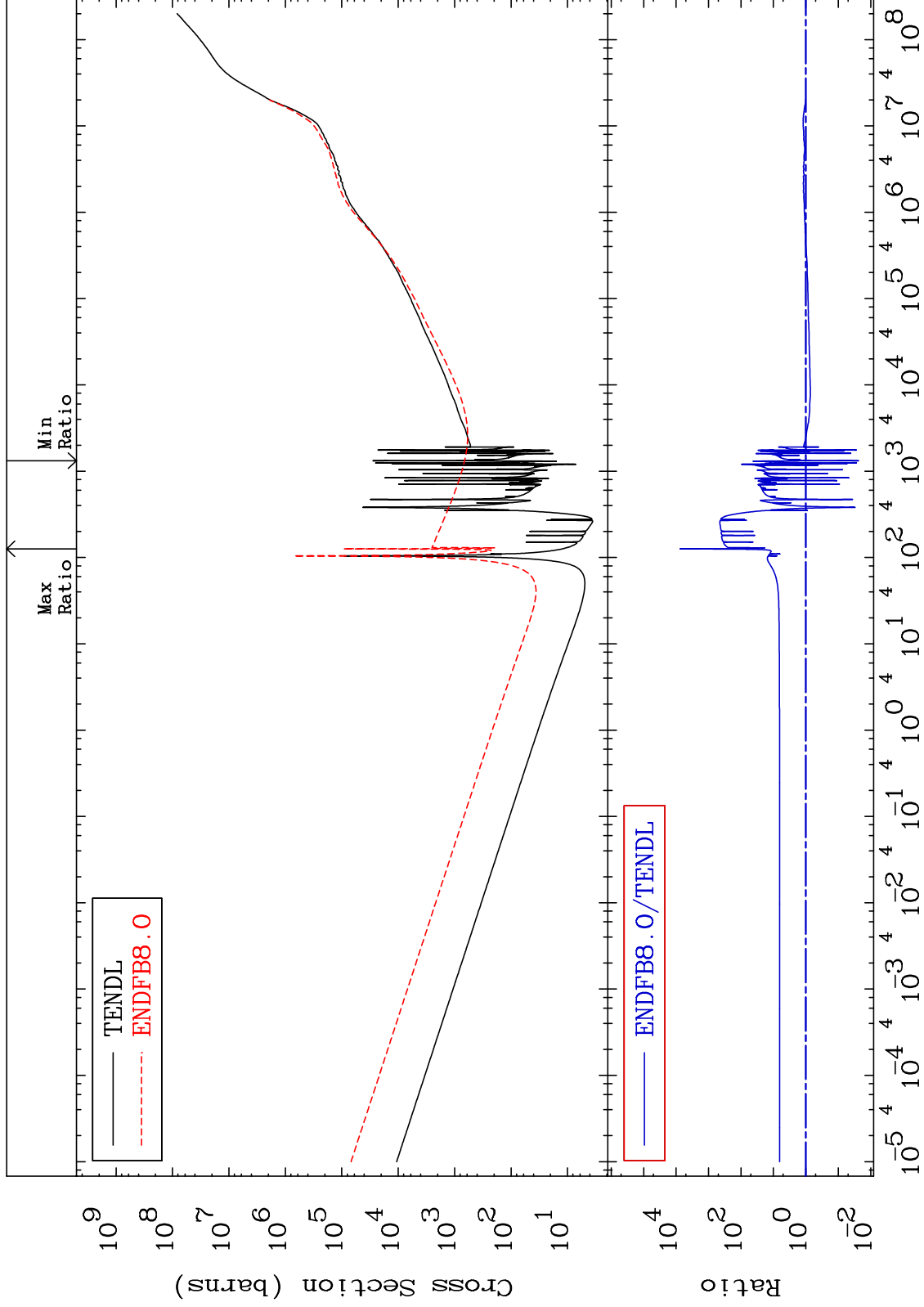
Incident Energy (eV)

56-Ba-132

MAT 5631

Total kinematic kerma (high limit)
Cross Section

56-Ba-132
-97.61 To 9999. %



37

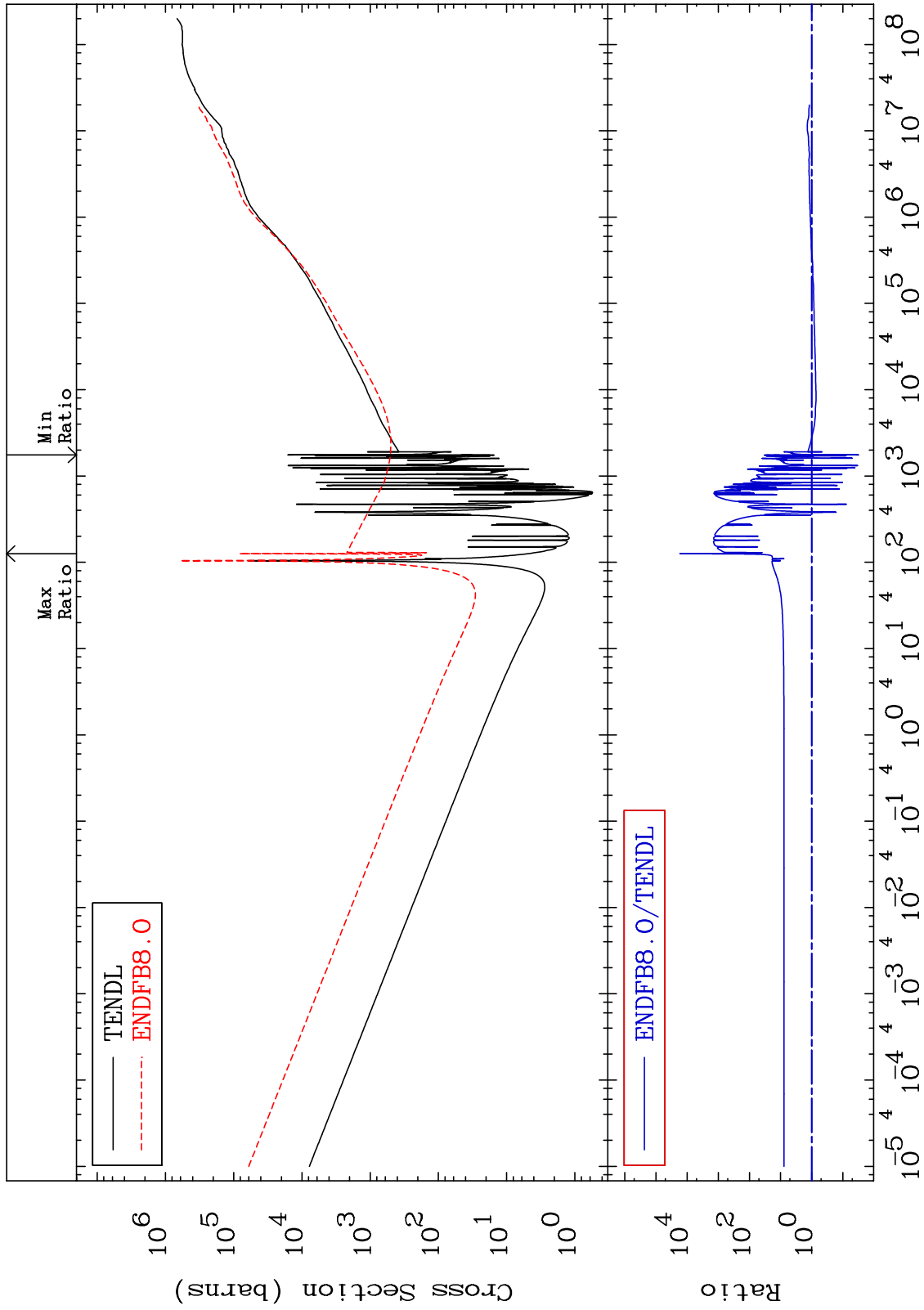
Incident Energy (eV)

56-Ba-132

MAT 5631

Dpa total (eV-barns)
Cross Section

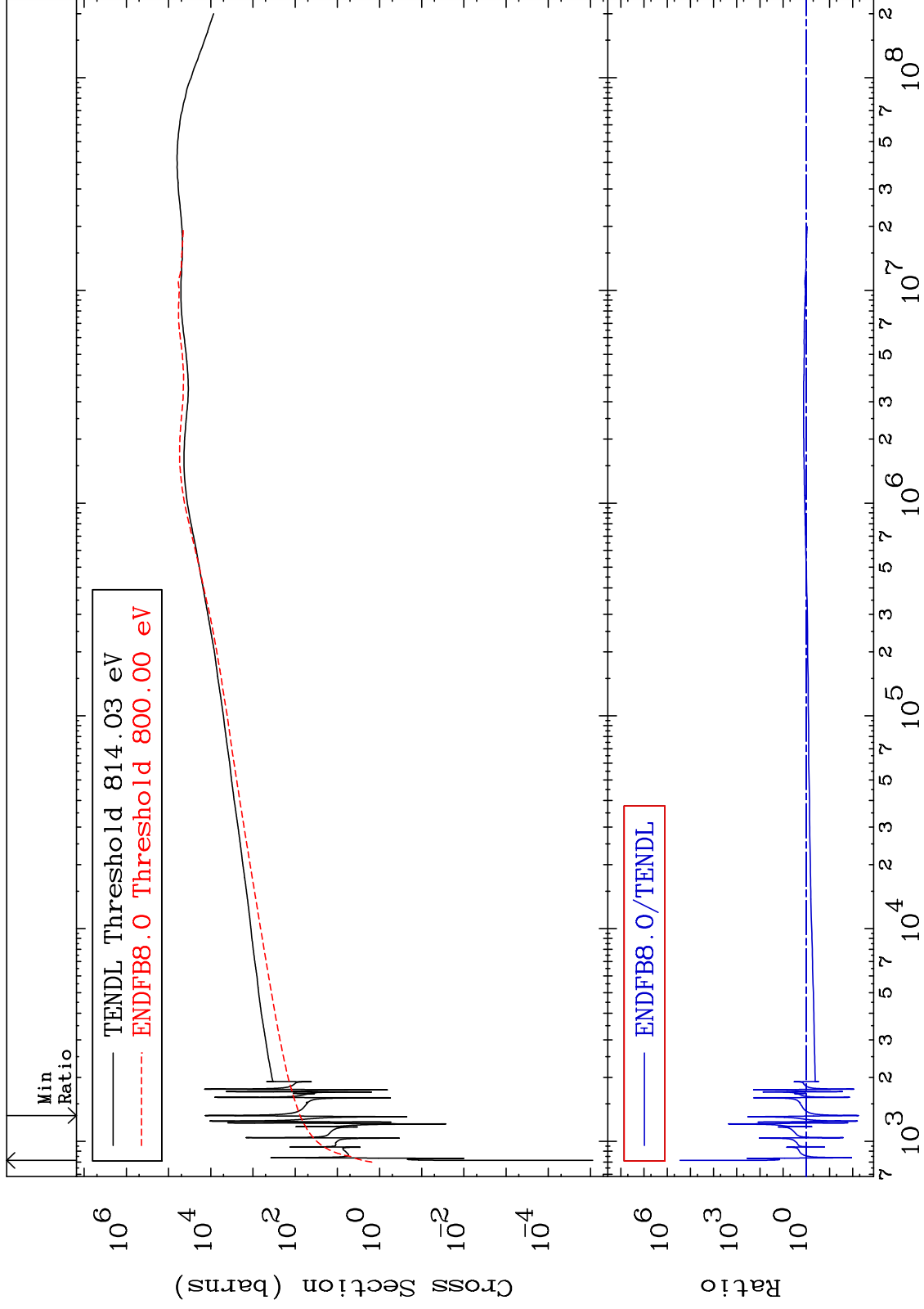
56-Ba-132
-96.83 To 9999. %



MAT 5631

Dpa elastic (mt2)
Cross Section

56-Ba-132
-99.43 To 9999. %



39

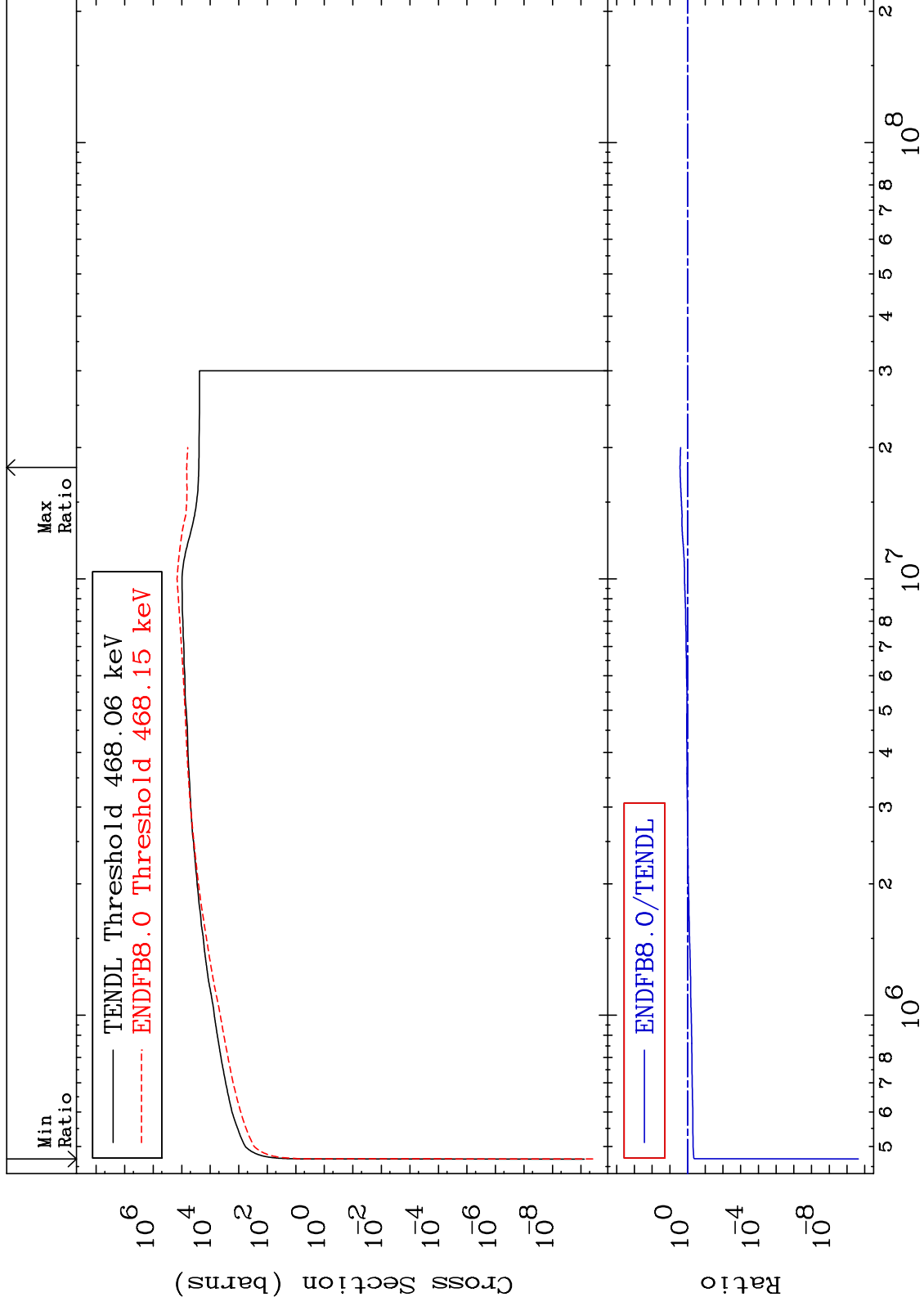
Incident Energy (eV)

56-Ba-132

MAT 5631

Dpa inelastic (mt51-91)
Cross Section

56-Ba-132
-100.0 To 165.8 %



40

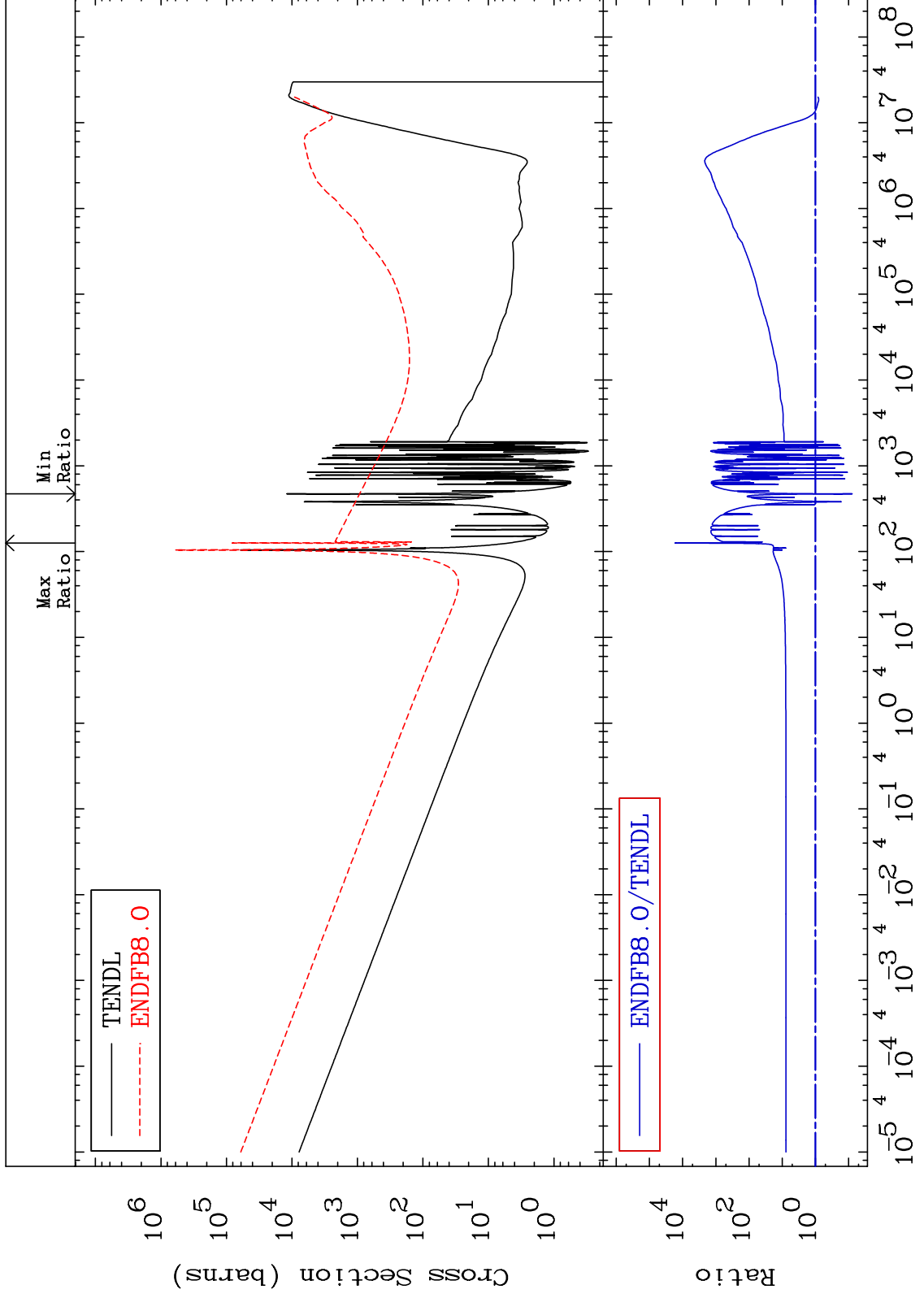
Incident Energy (eV)

56-Ba-132

MAT 5631

Dpa disappearance (mt102 -120)
Cross Section

56-Ba-132
-92.27 To 9999. %



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Incident Energy (eV)

56-Ba-132