

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

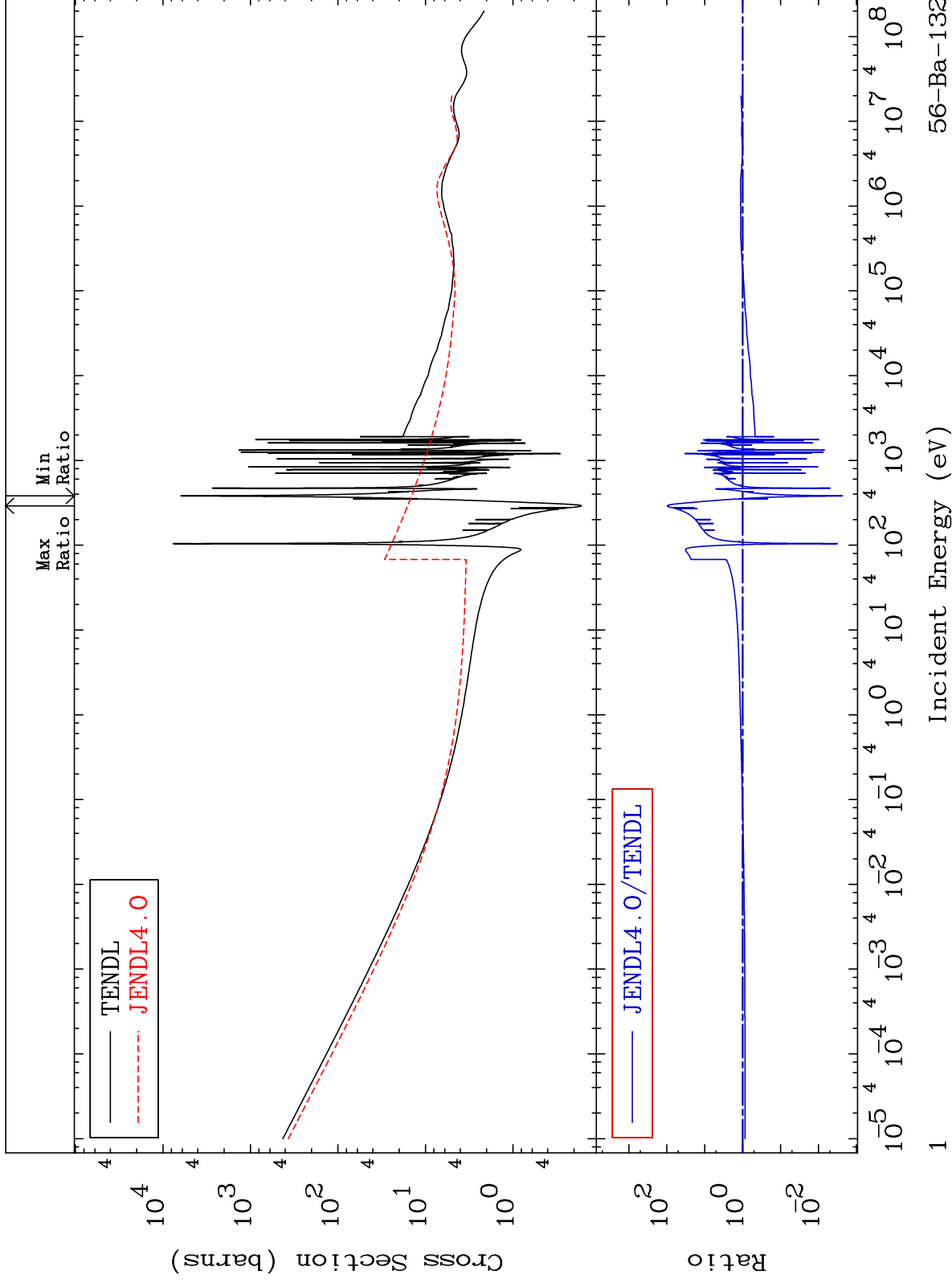
MAT 5631

Total

56-Ba-132

Cross Section

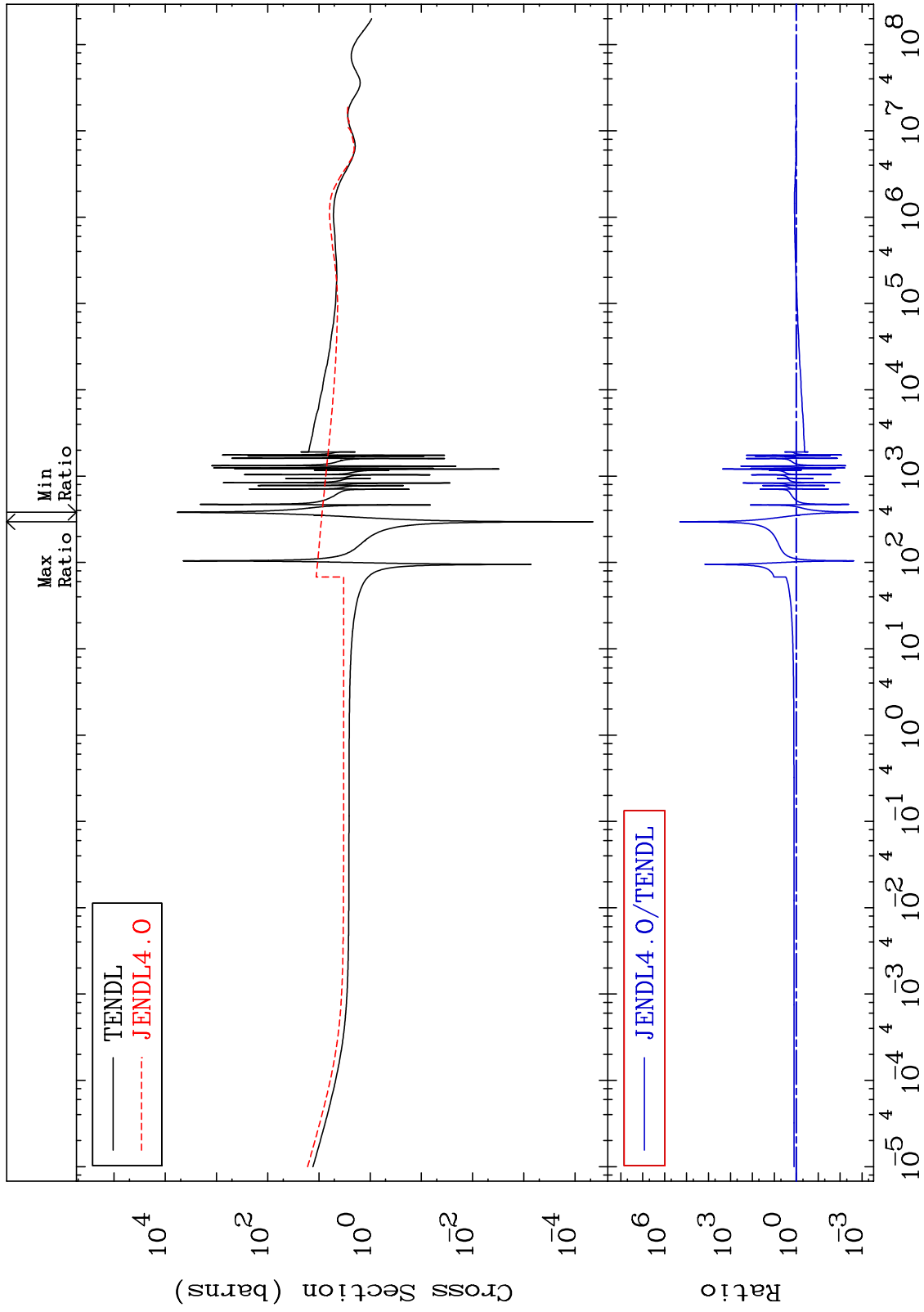
-99.77 To 9609. %



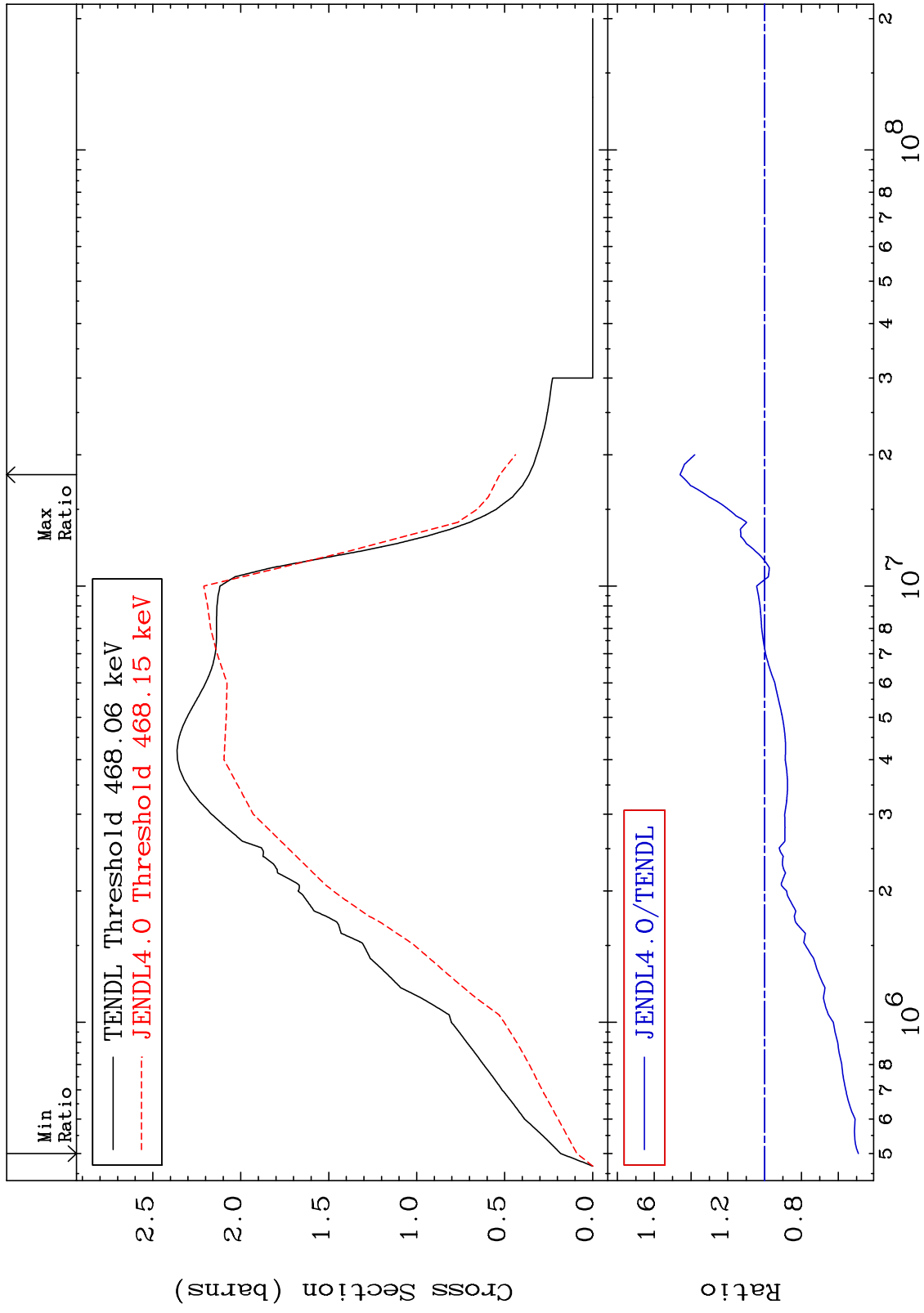
MAT 5631

Elastic
Cross Section

56-Ba-132
-99.85 To 9999. %



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



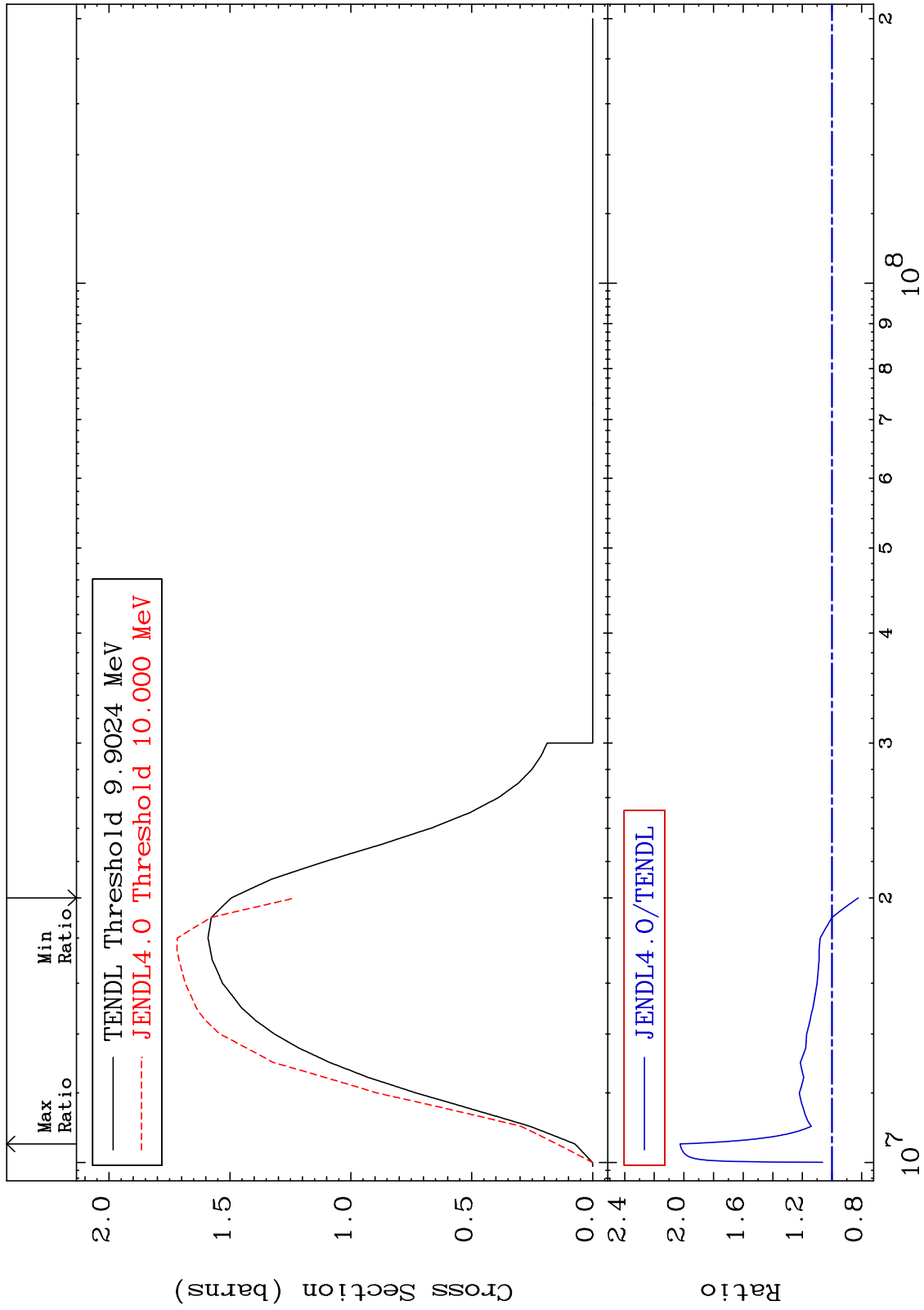
MAT 5631

(n,2n)

56-Ba-132

Cross Section

-17.82 To 102.6 %



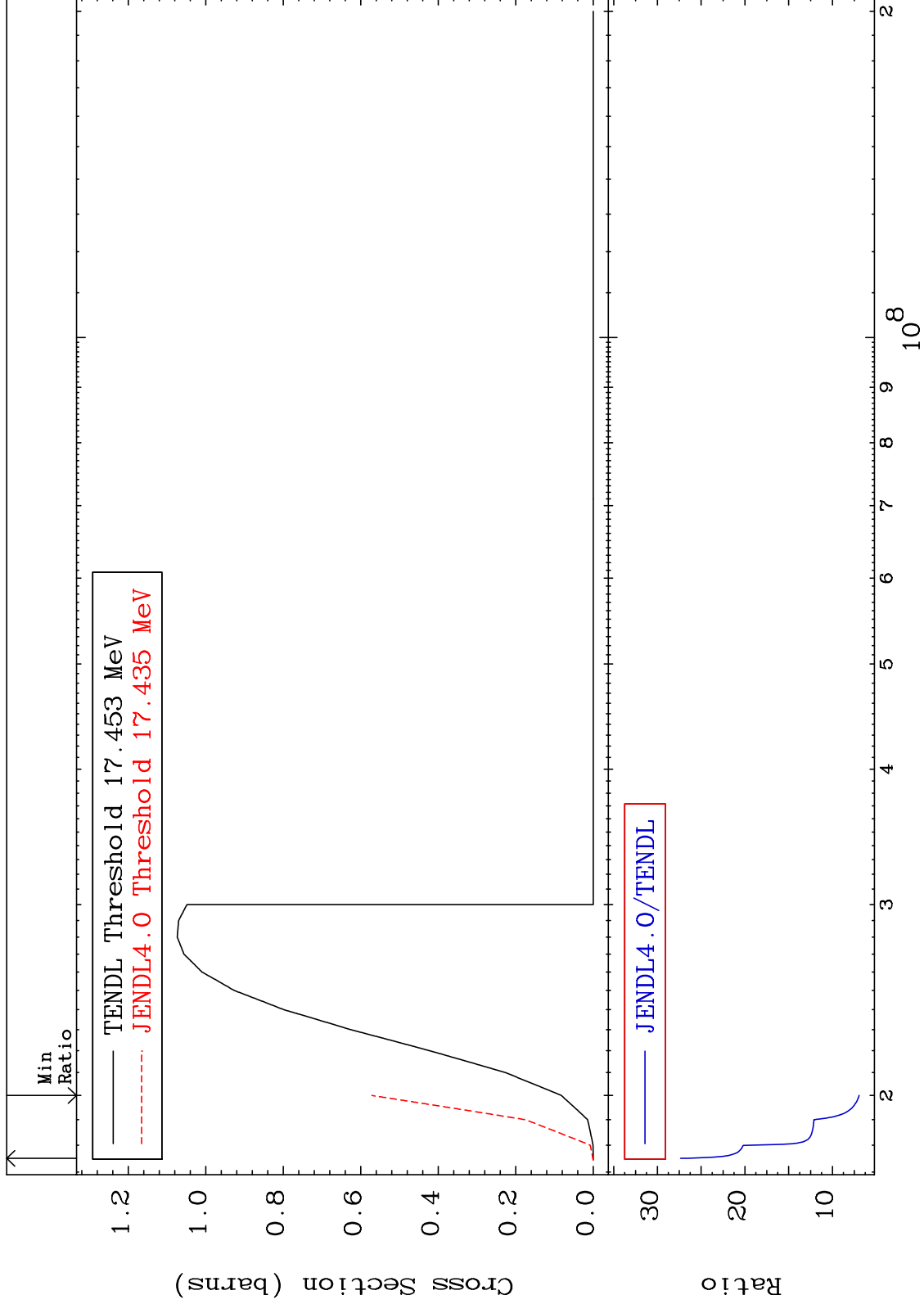
Incident Energy (eV)

56-Ba-132

MAT 5631

(n, 3n)
Cross Section

56-Ba-132
594.8 To 2635. %



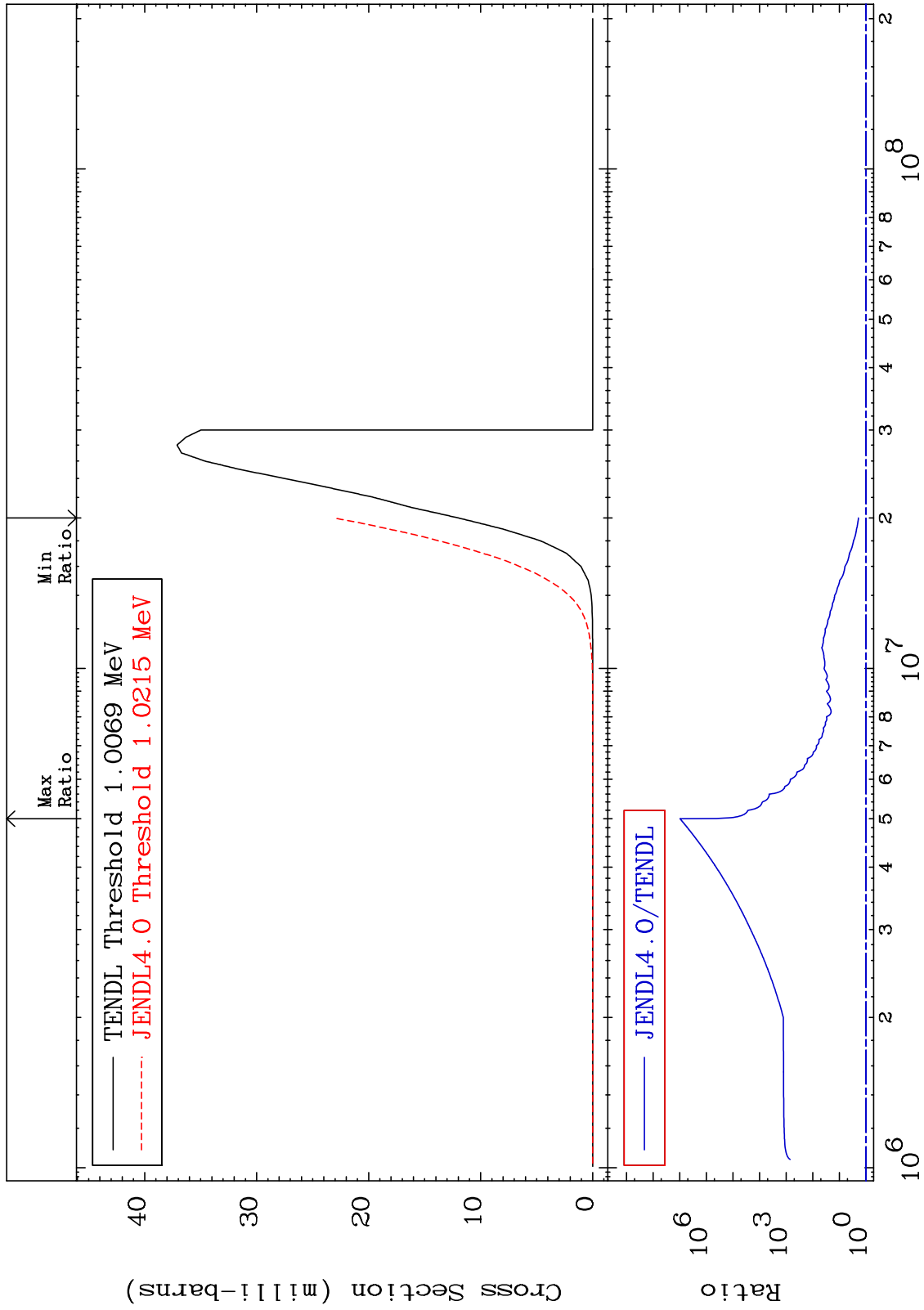
MAT 5631

(n, n') α

56-Ba-132

93.24 To 9999. %

Cross Section



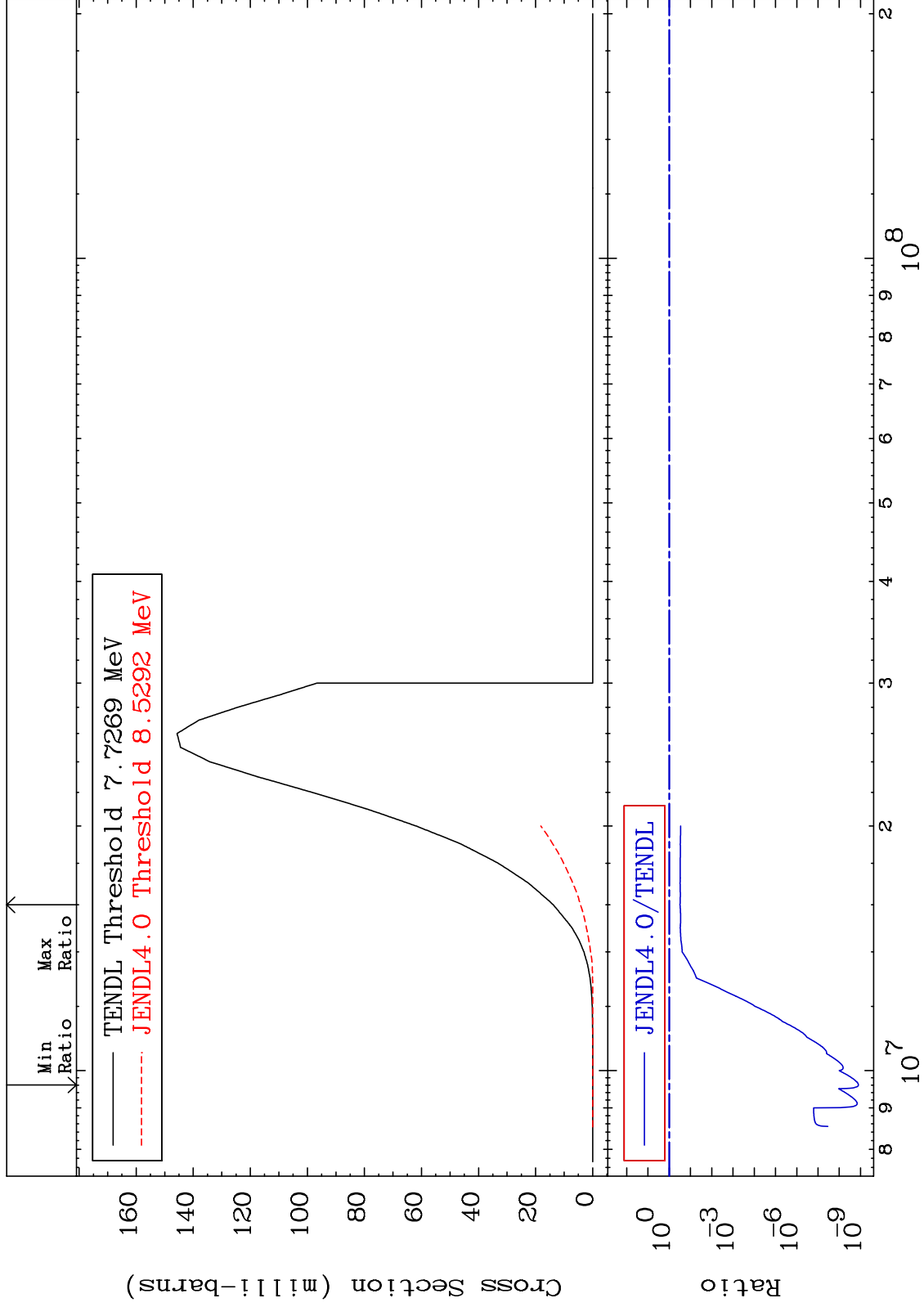
MAT 5631

(n,n') p

56-Ba-132

Cross Section

-100.0 To -68.88%

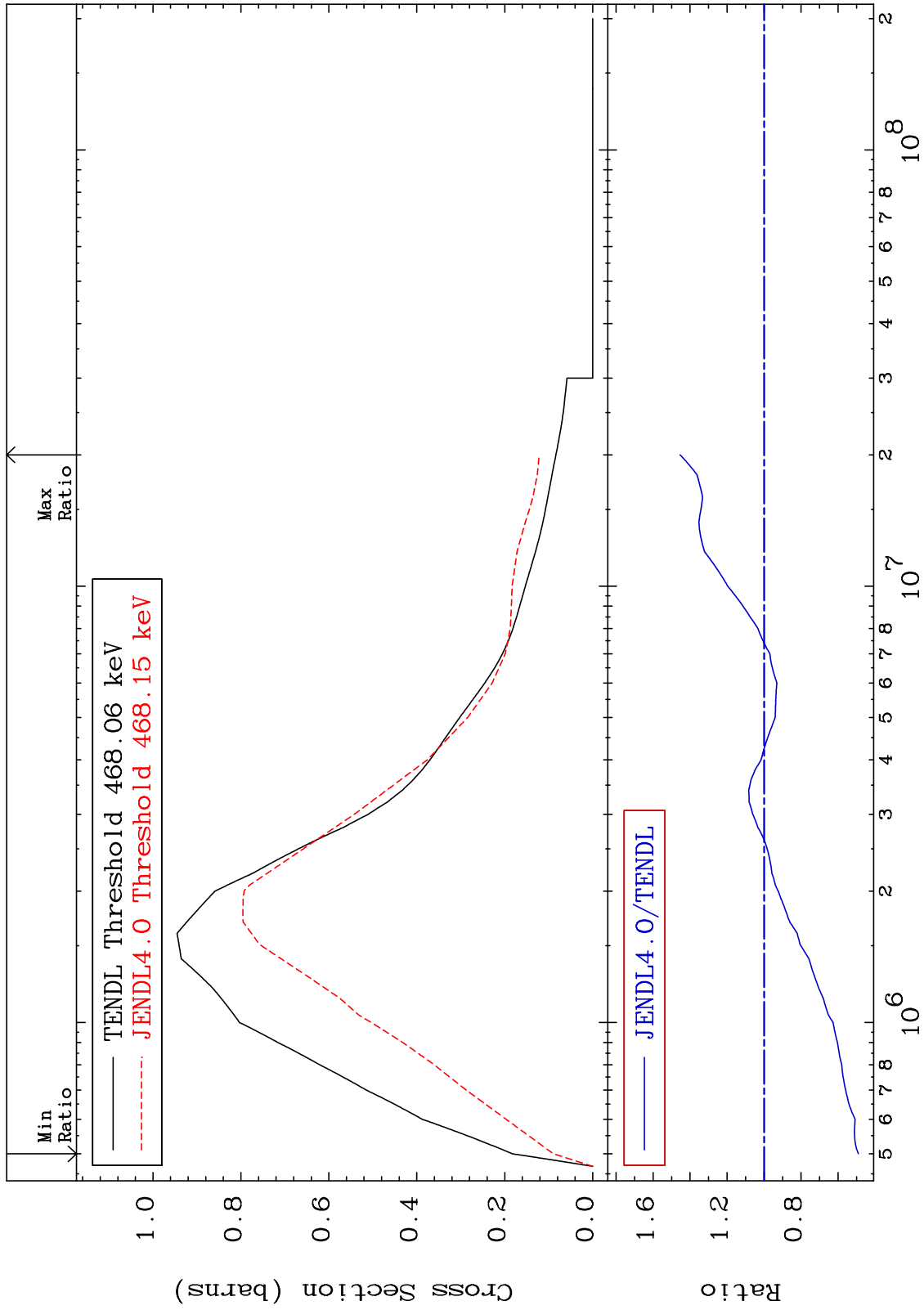


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Incident Energy (eV)

56-Ba-132

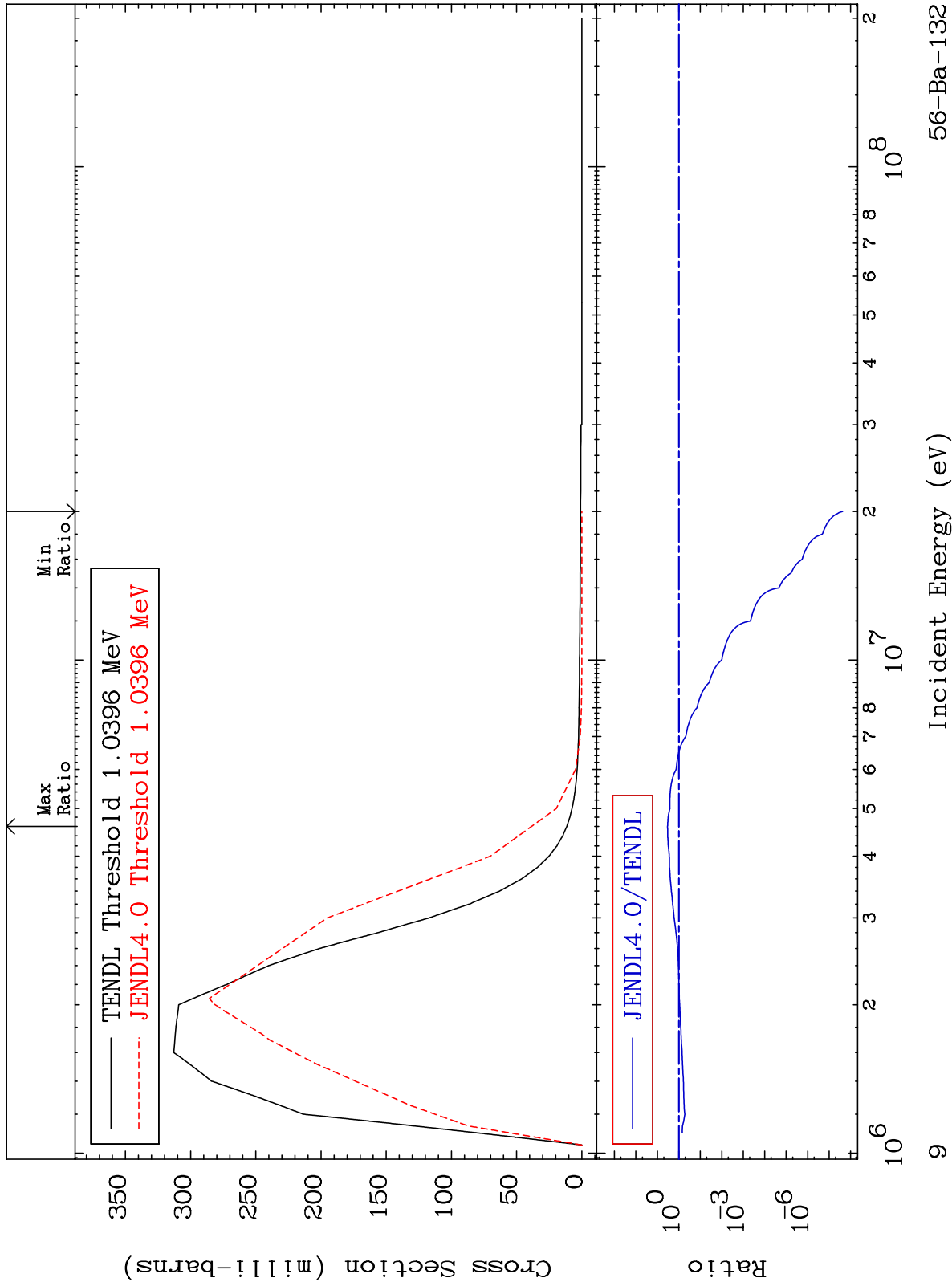
MAT 5631 MT= 51 (n,n') Level Cross Section 56-Ba-132
 -50.99 To 45.43 %



MAT 5631

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

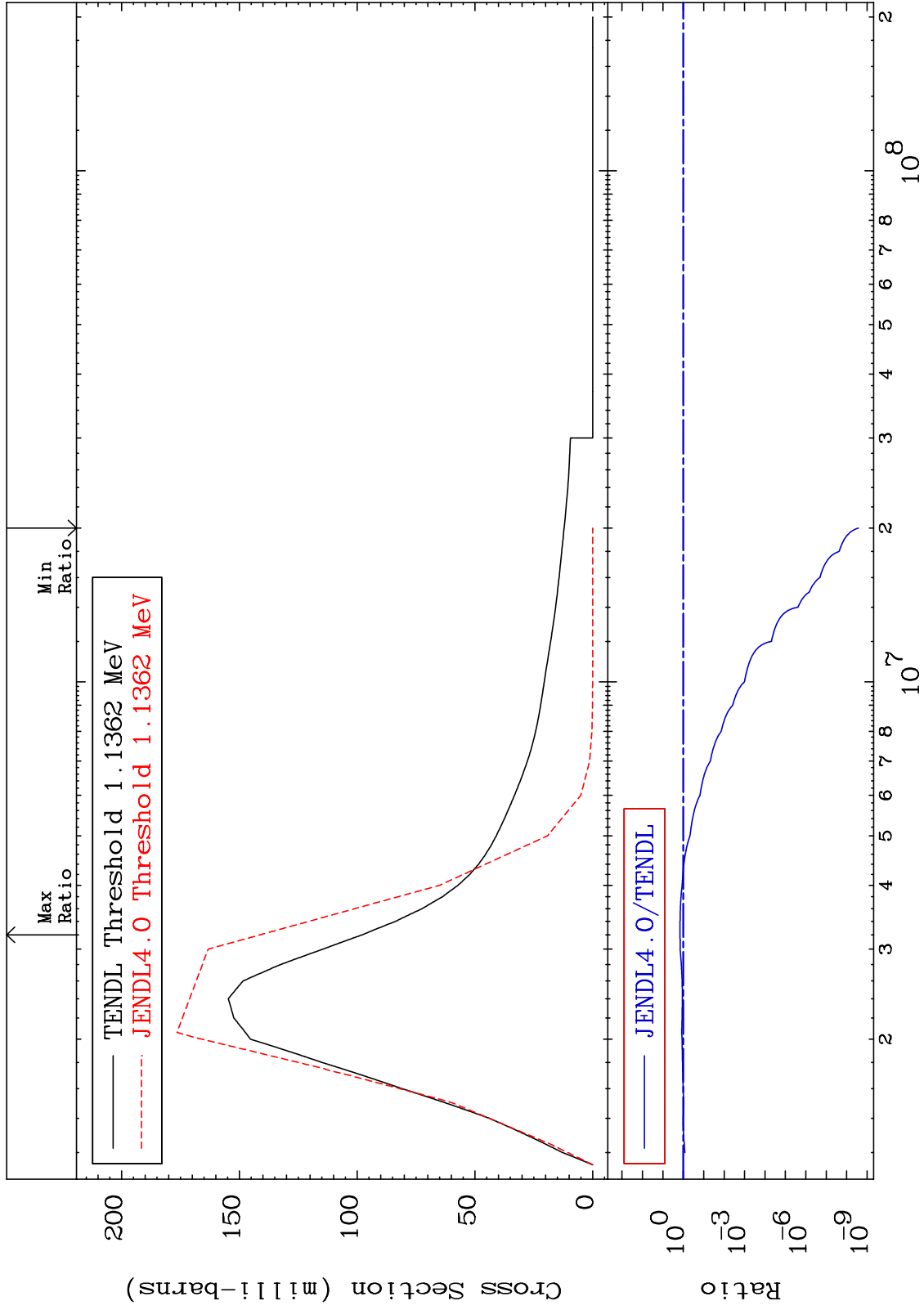
56-Ba-132
-100.0 To 235.5 %



MAT 5631

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

56-Ba-132
-100.0 To 44.33 %



10

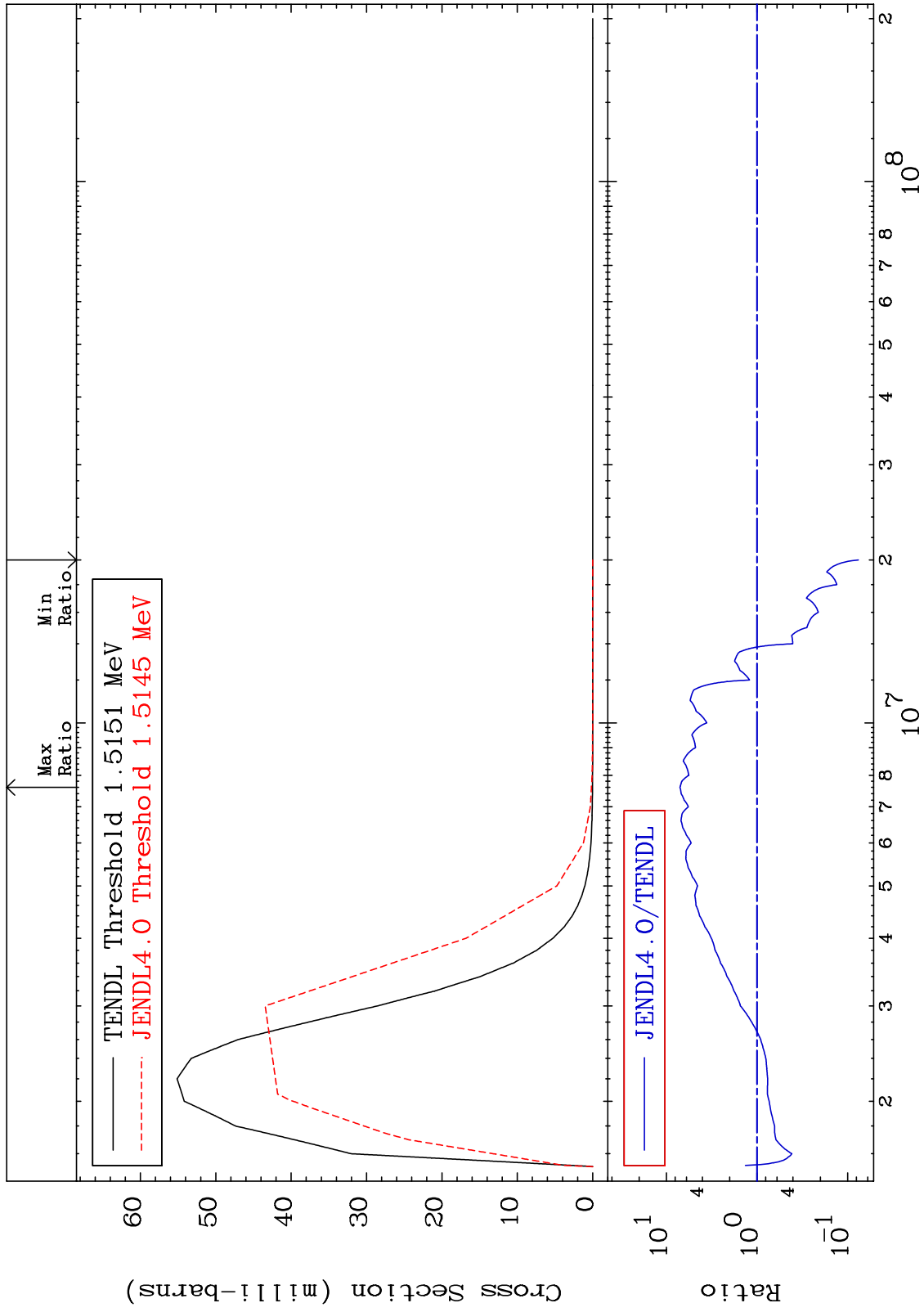
Incident Energy (eV)

56-Ba-132

MAT 5631

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

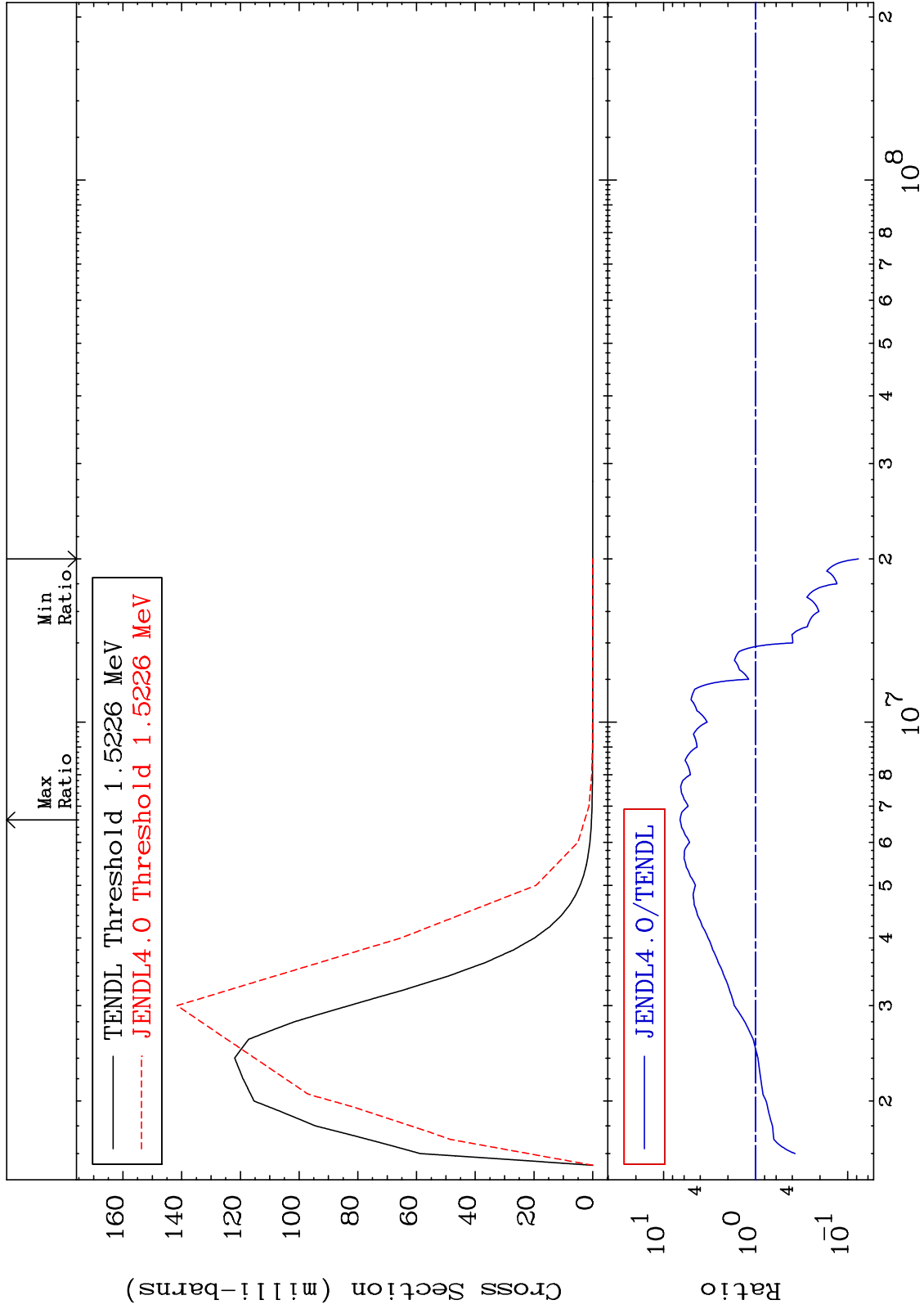
56-Ba-132
-92.41 To 607.0 %



MAT 5631

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

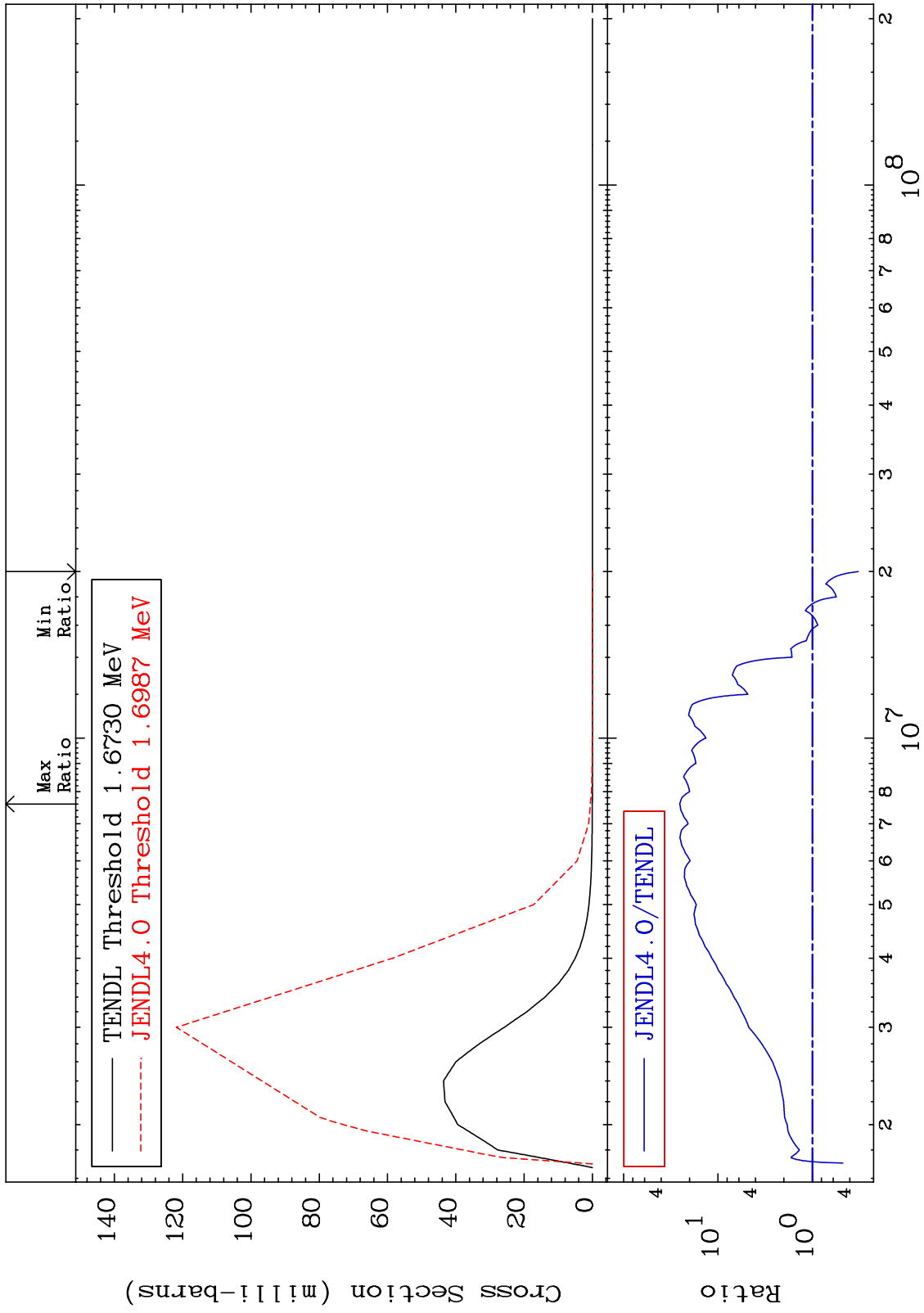
56-Ba-132
-92.37 To 563.6 %



MAT 5631

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

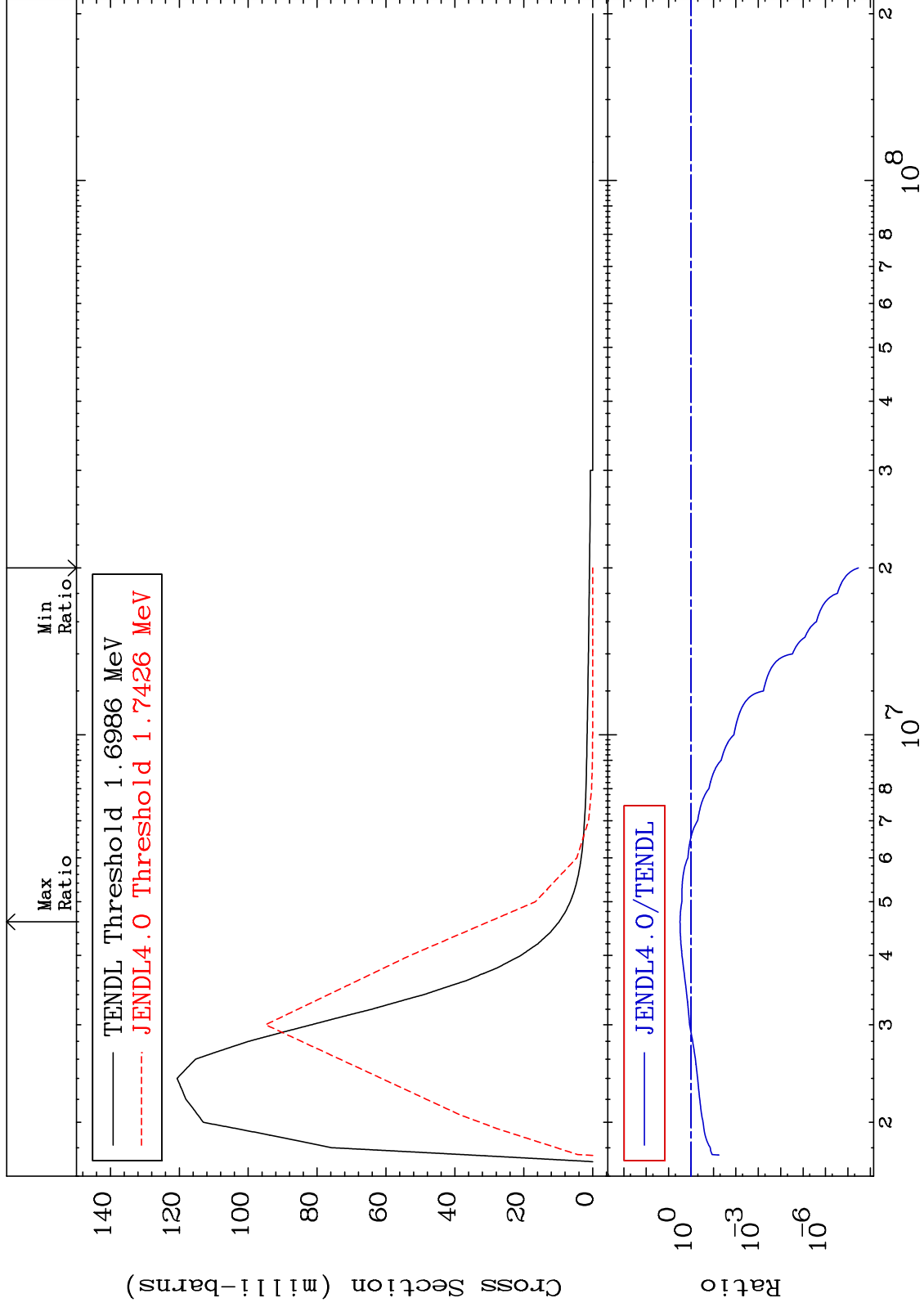
56-Ba-132
-67.46 To 2441. %



MAT 5631

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

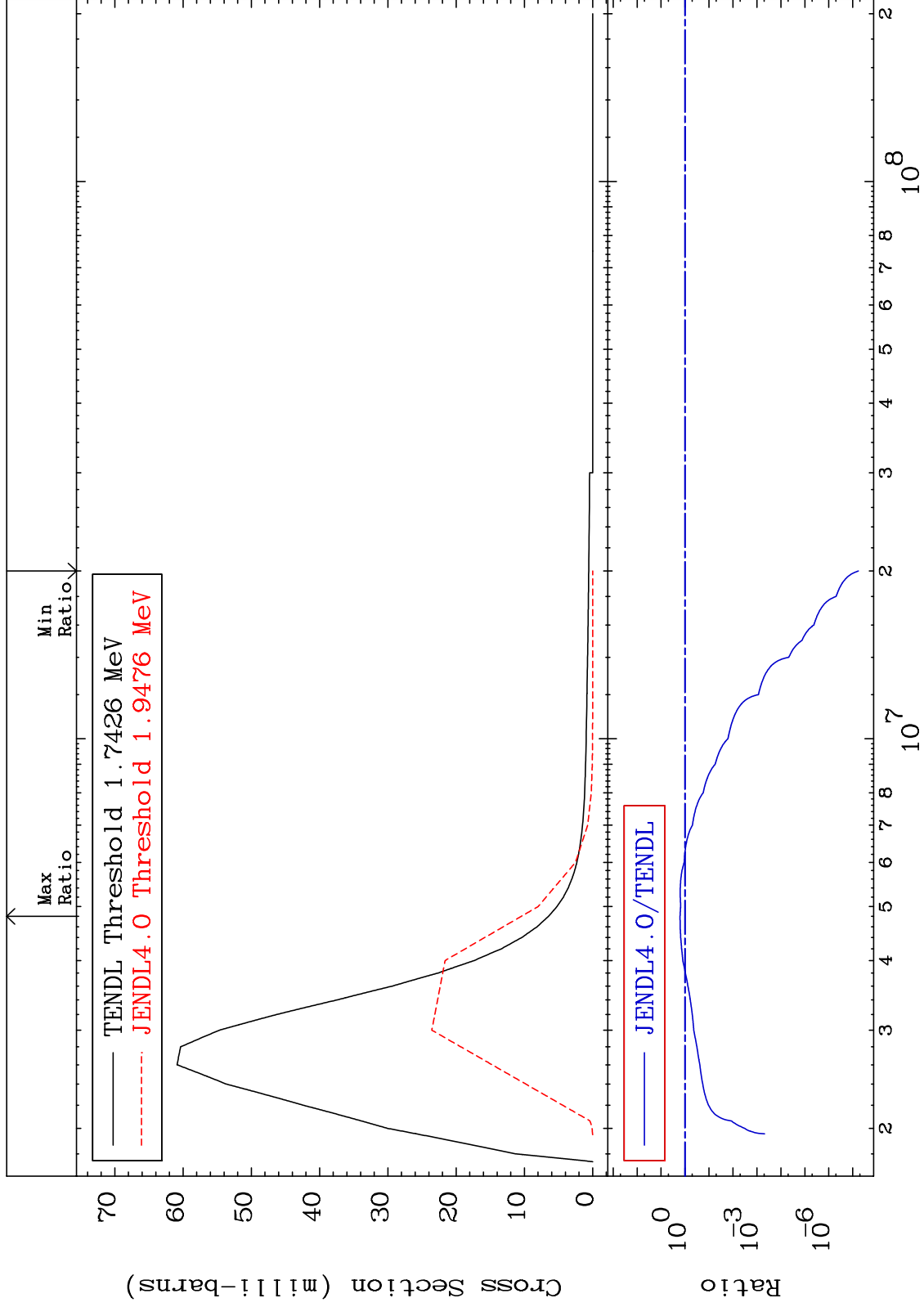
56-Ba-132
-100.0 To 210.0 %



MAT 5631

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

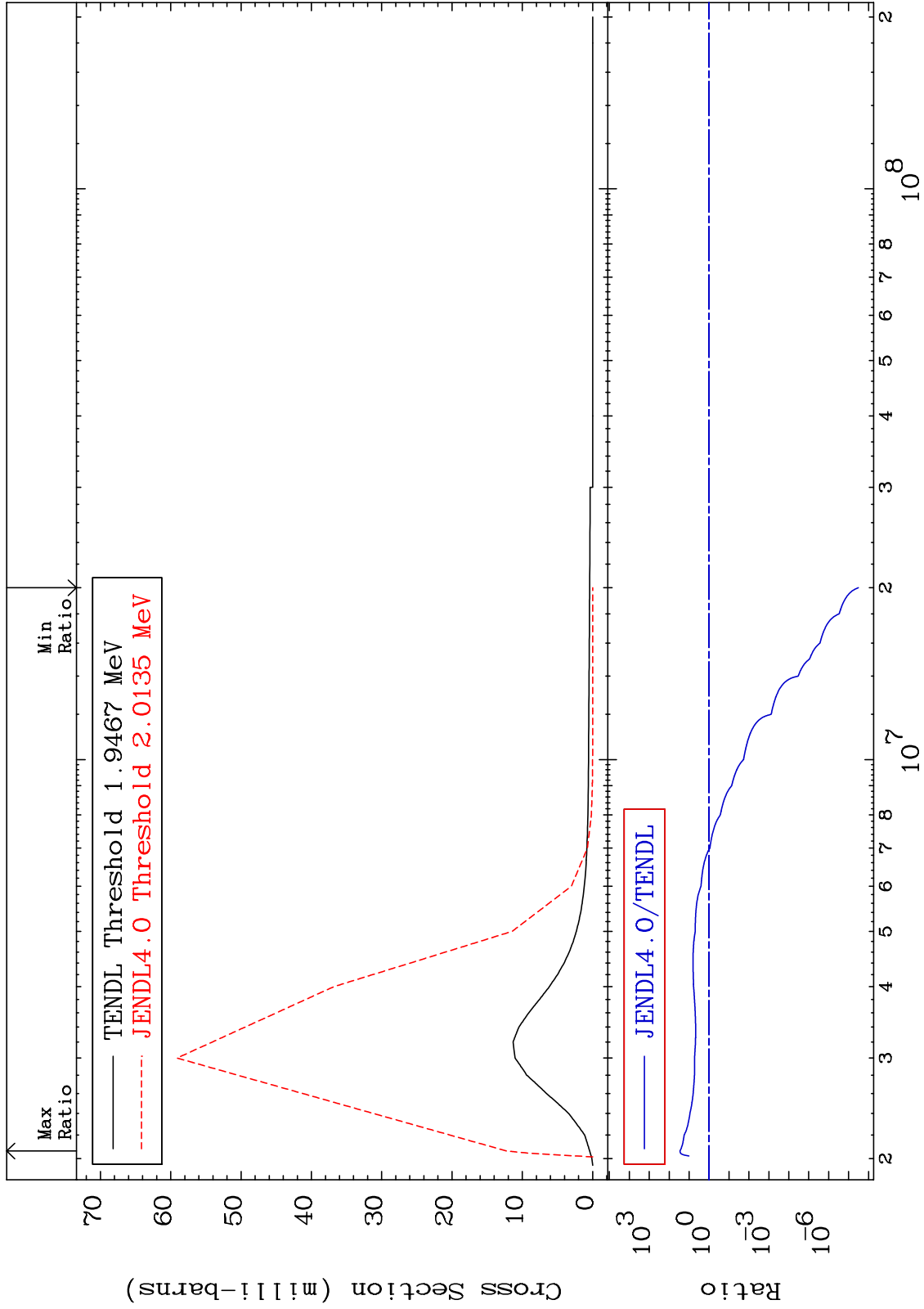
56-Ba-132
-100.0 To 62.04 %



MAT 5631

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

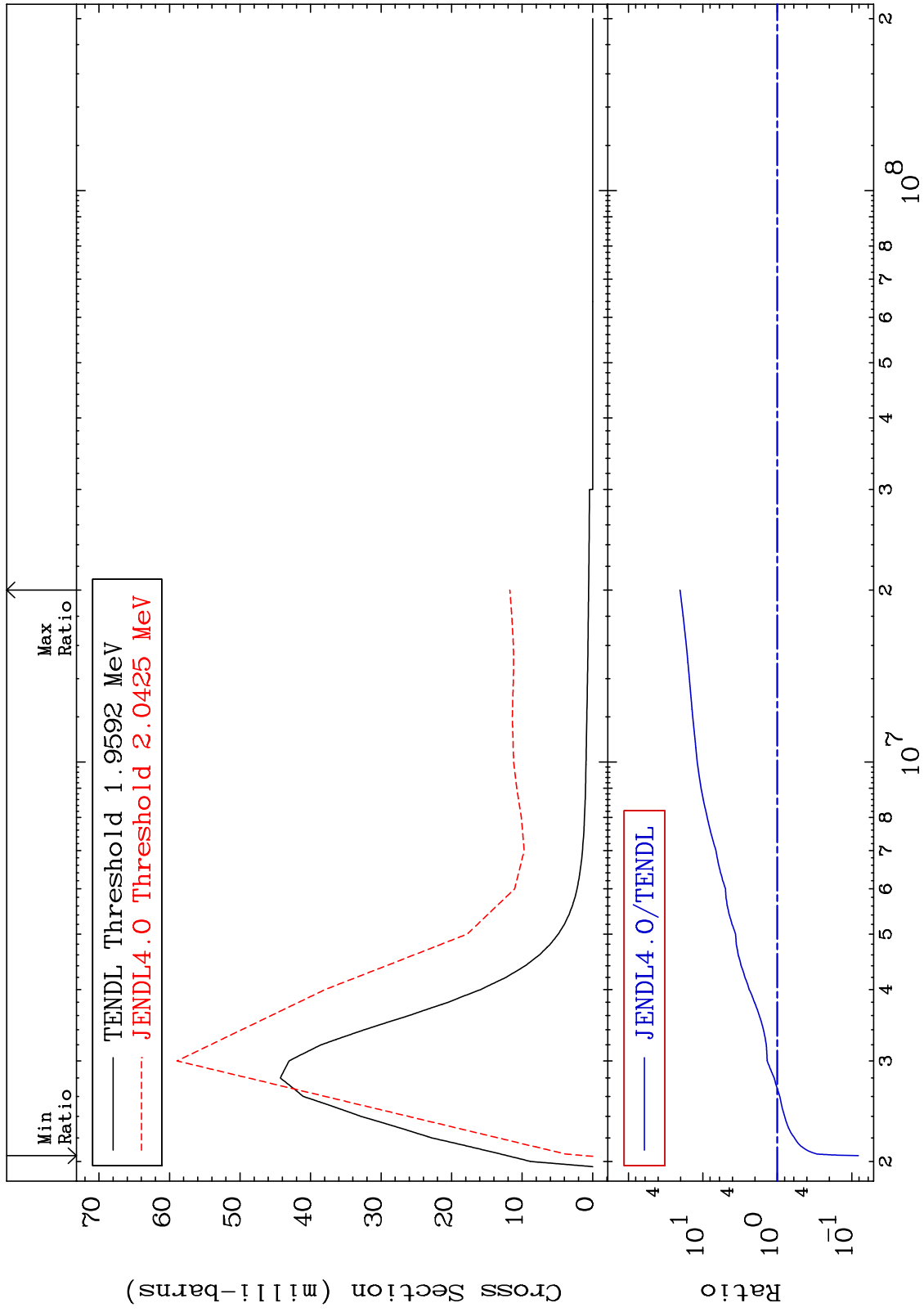
56-Ba-132
-100.0 To 2759. %



MAT 5631

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

56-Ba-132
-91.87 To 1931. %



17

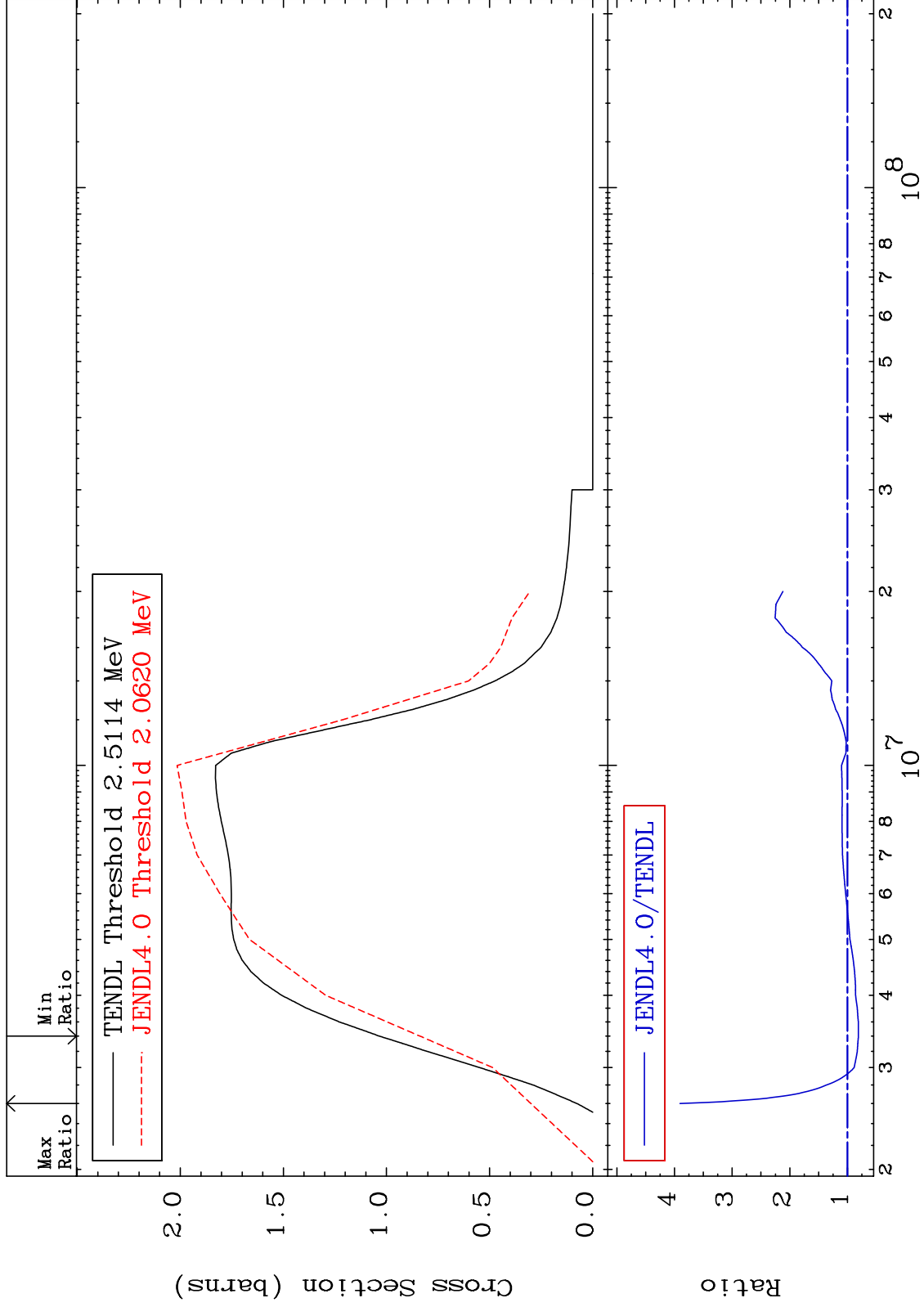
Incident Energy (eV)

56-Ba-132

MAT 5631

(n, n') Continuum
Cross Section

56-Ba-132
-19.07 To 290.4 %



18

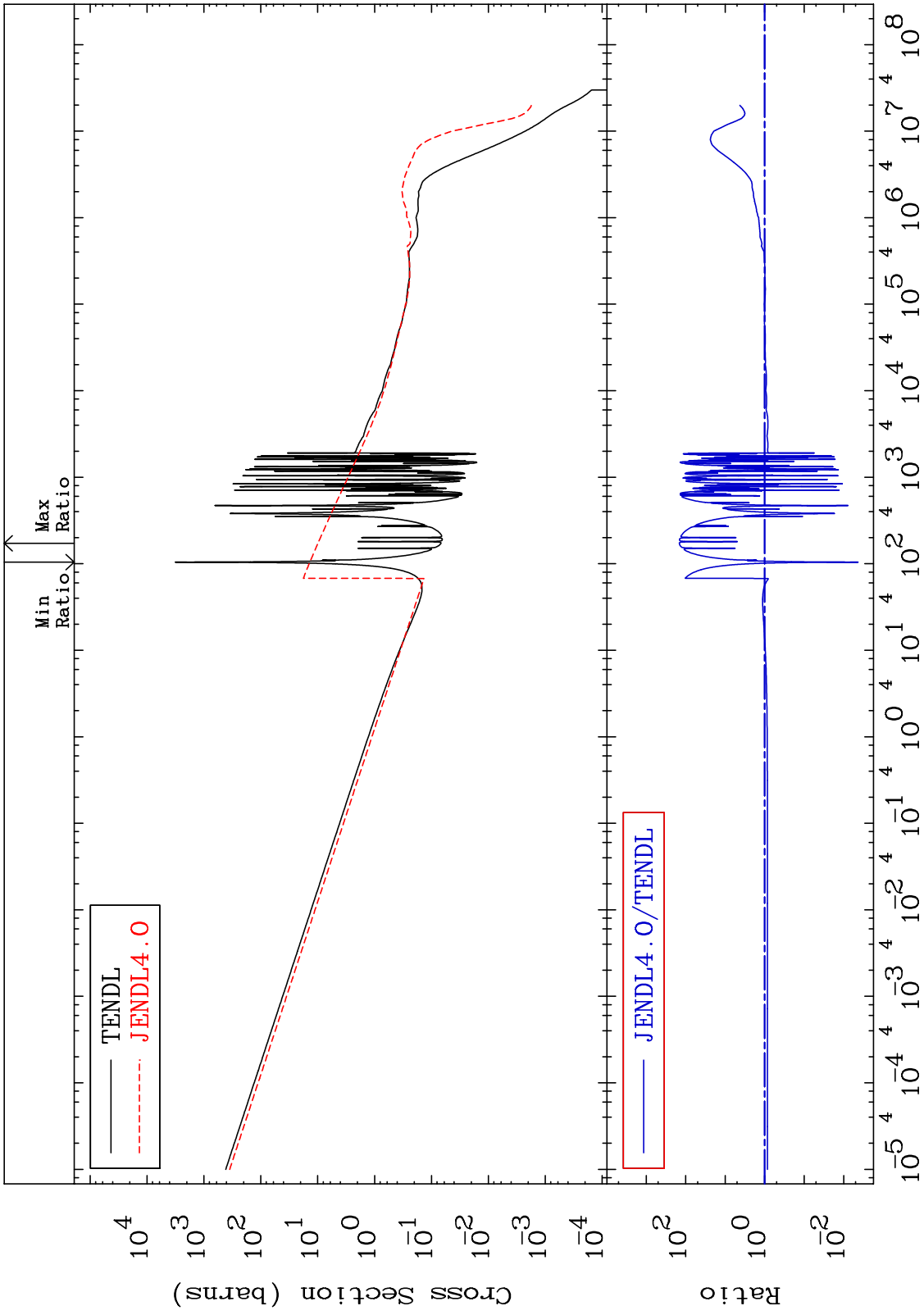
Incident Energy (eV)

56-Ba-132

MAT 5631

(n, γ)
Cross Section

56-Ba-132
-99.57 To 9999. %



MAT 5631

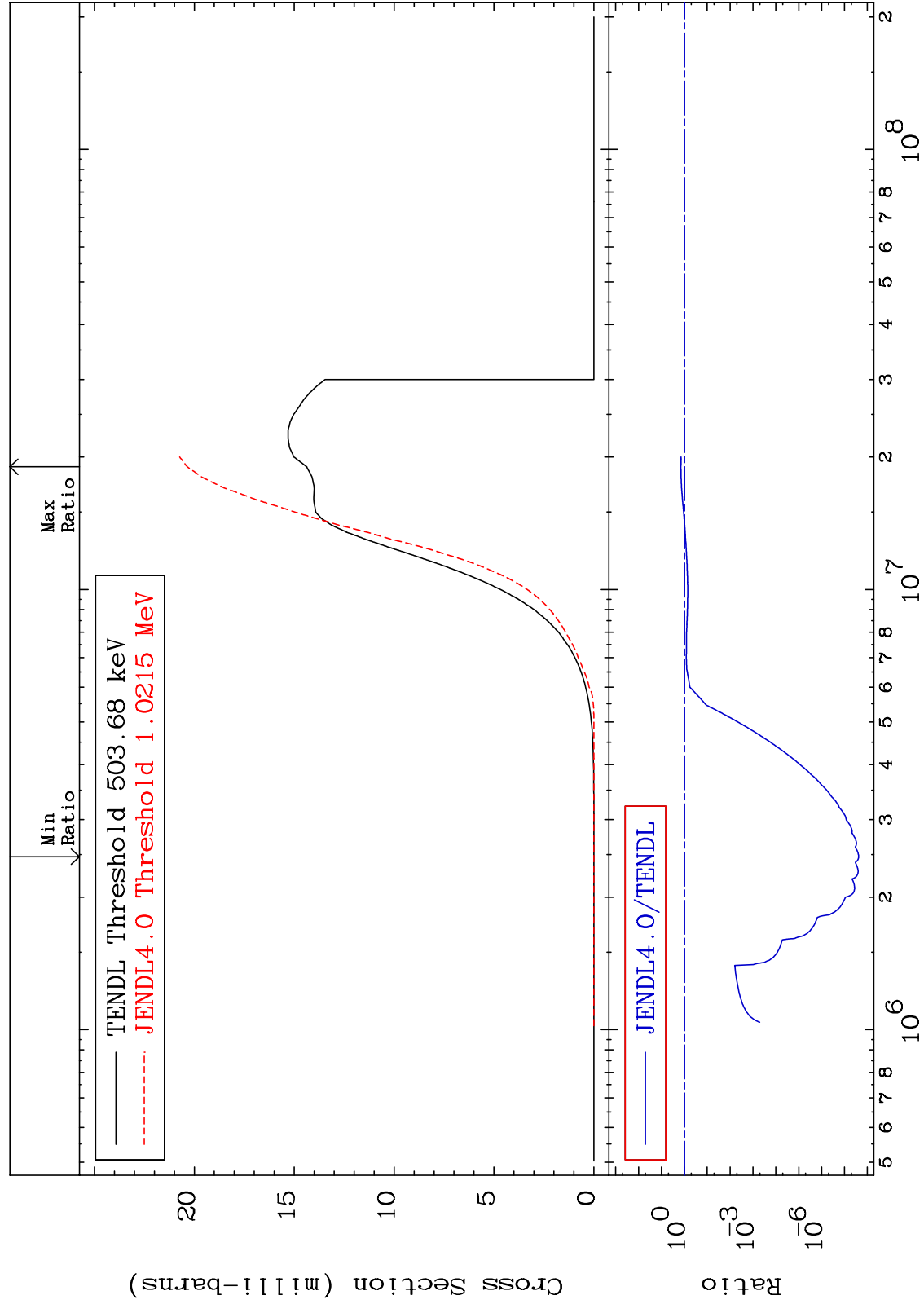
56-Ba-132

(n,p)

Cross Section

Cross Section

-100.0 To 41.63 %



20

Incident Energy (eV)

56-Ba-132

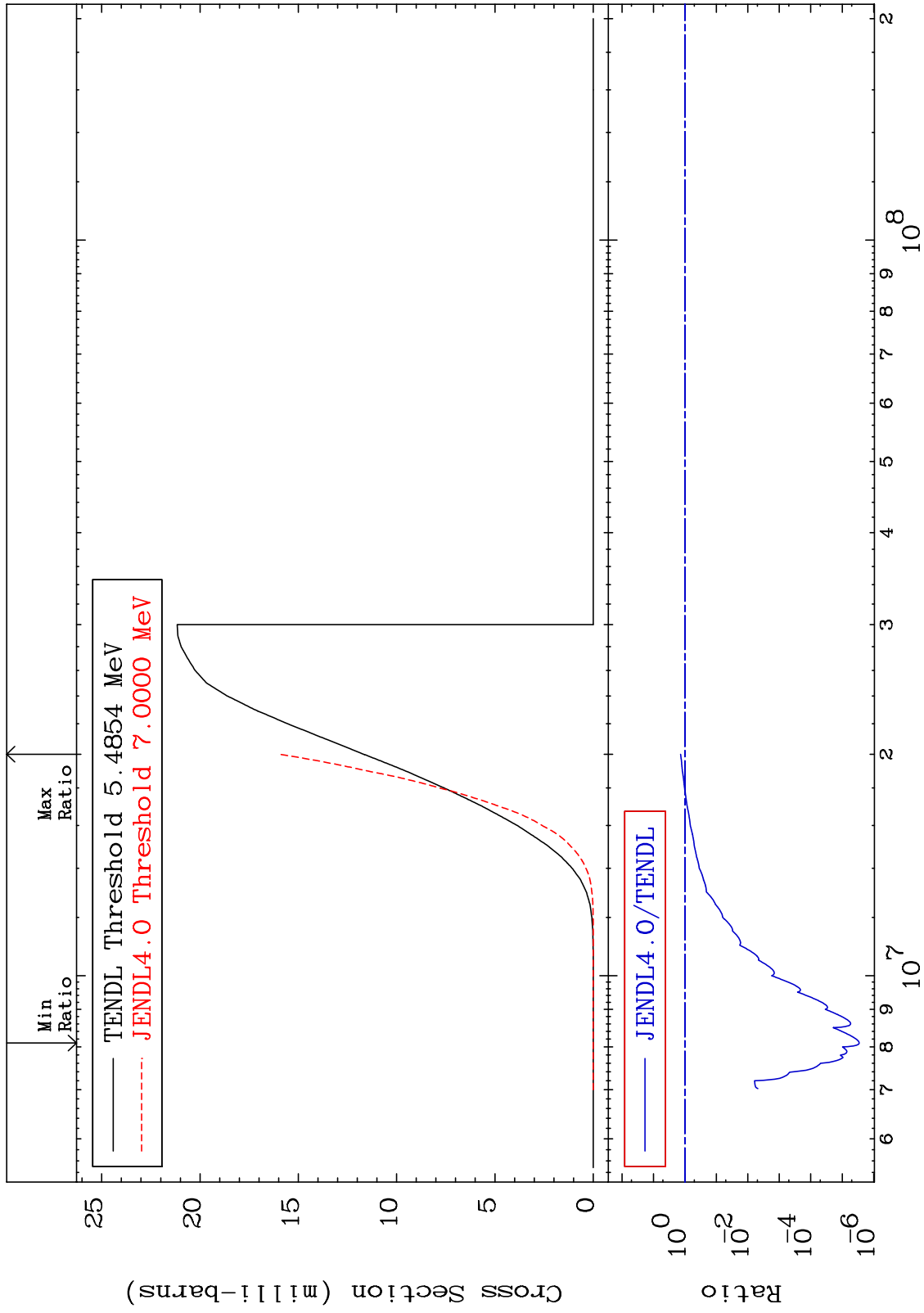
MAT 5631

(n, d)

56-Ba-132

Cross Section

-100.0 To 36.88 %



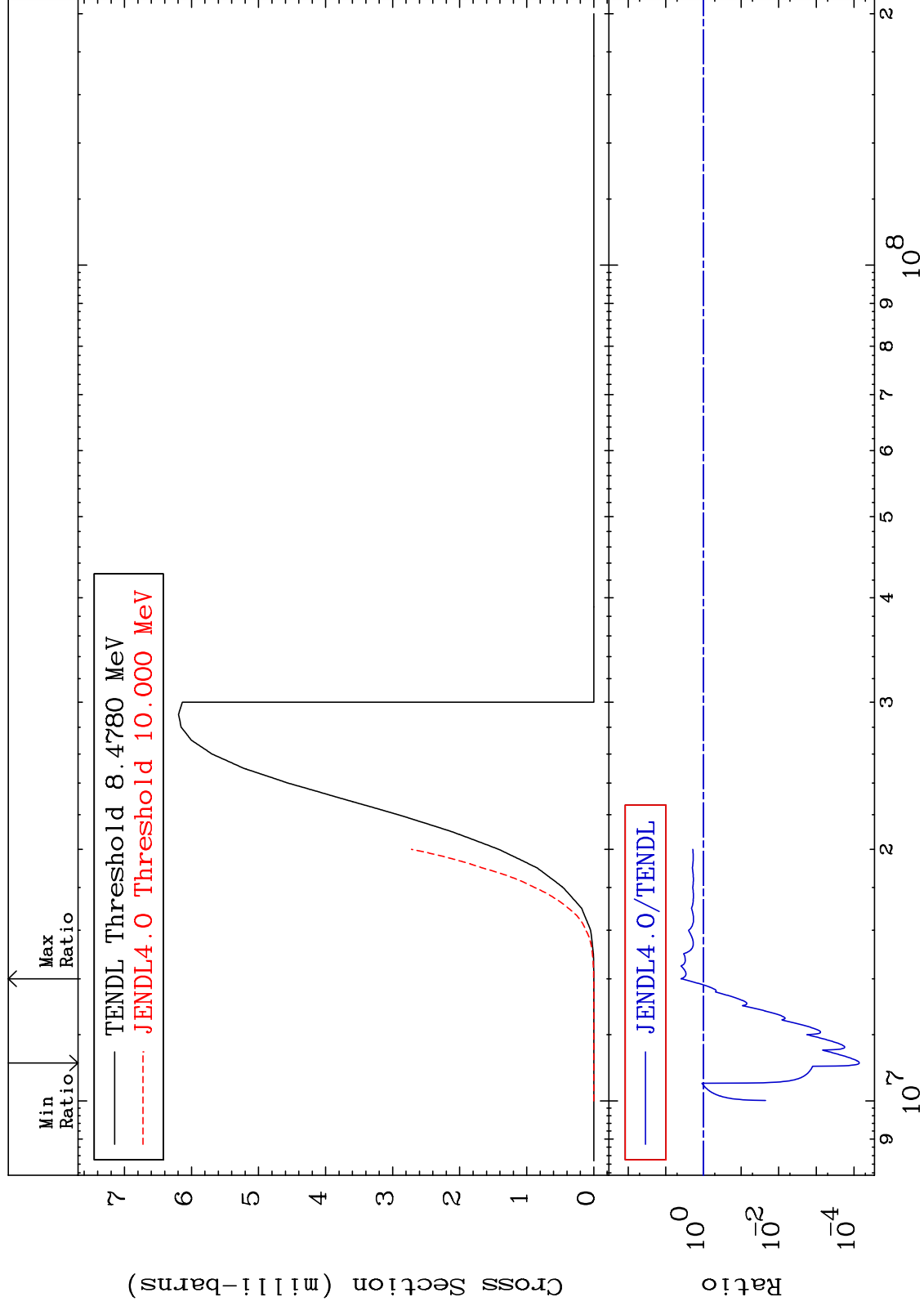
MAT 5631

(n, t)

56-Ba-132

Cross Section

-99.99 To 293.7 %



22

Incident Energy (eV)

56-Ba-132

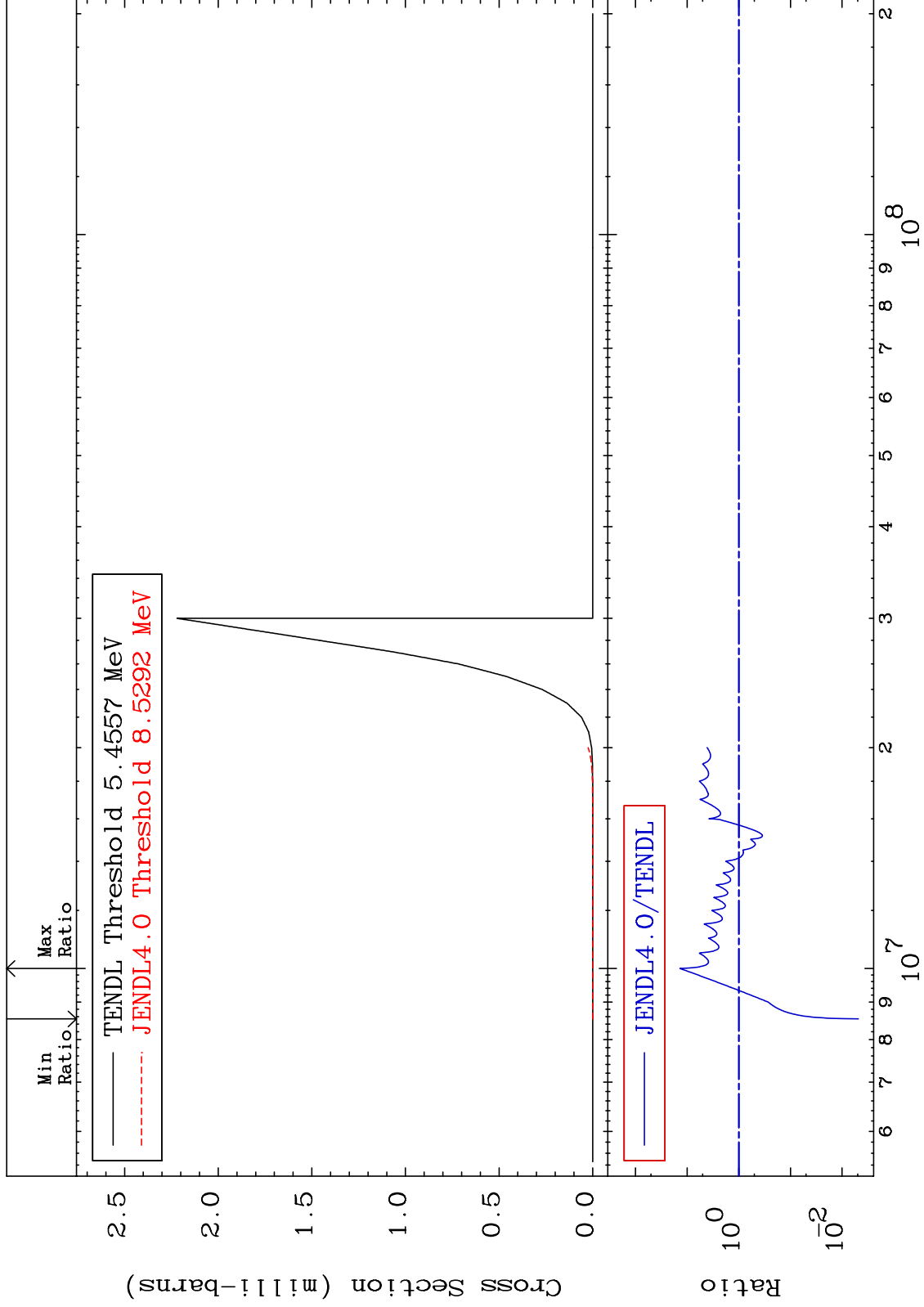
MAT 5631

(n, He-3)

56-Ba-132

Cross Section

-99.52 To 1271. %



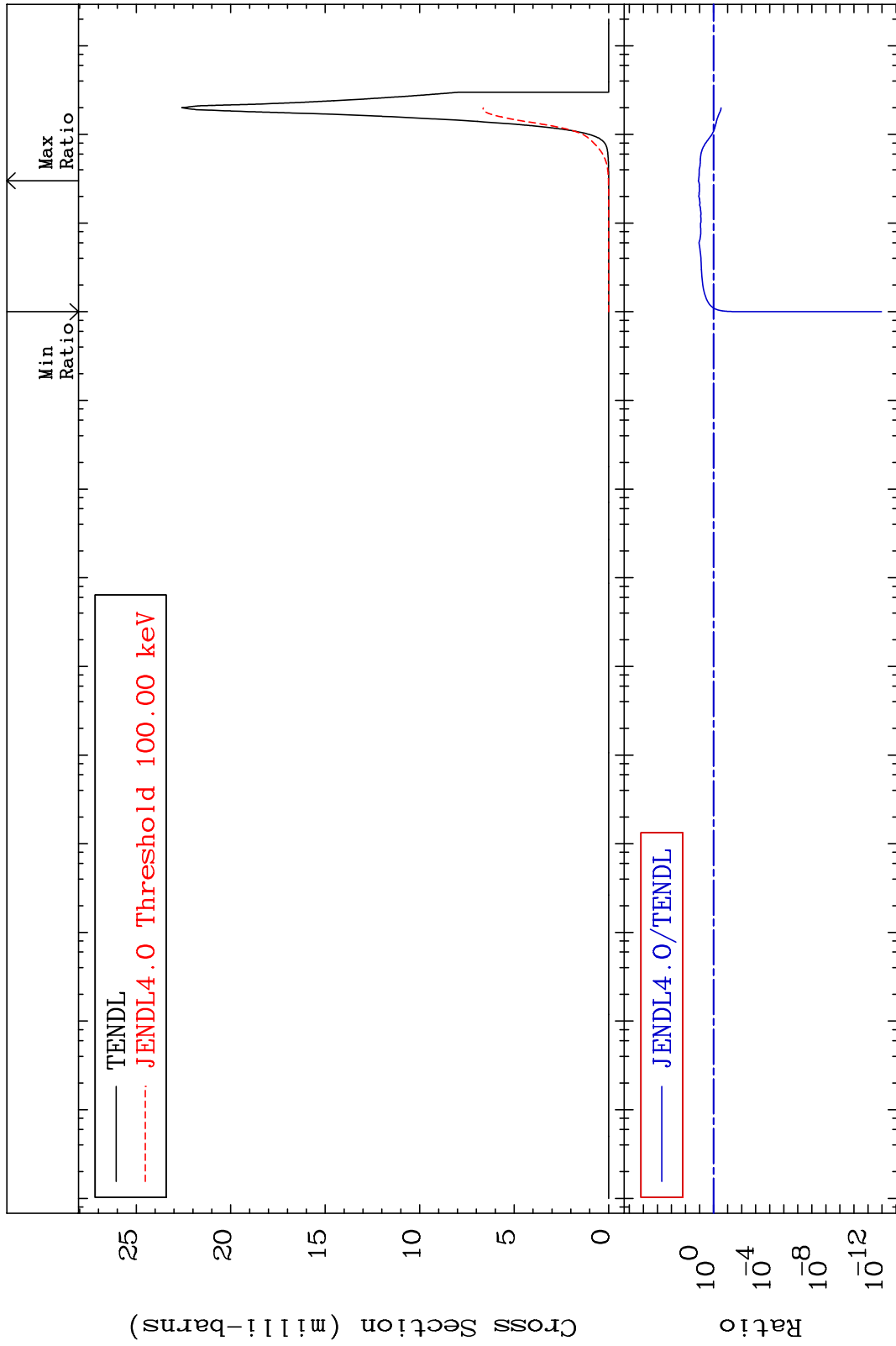
MAT 5631

(n, α)

56-Ba-132

Cross Section

-100.0 To 1121. %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

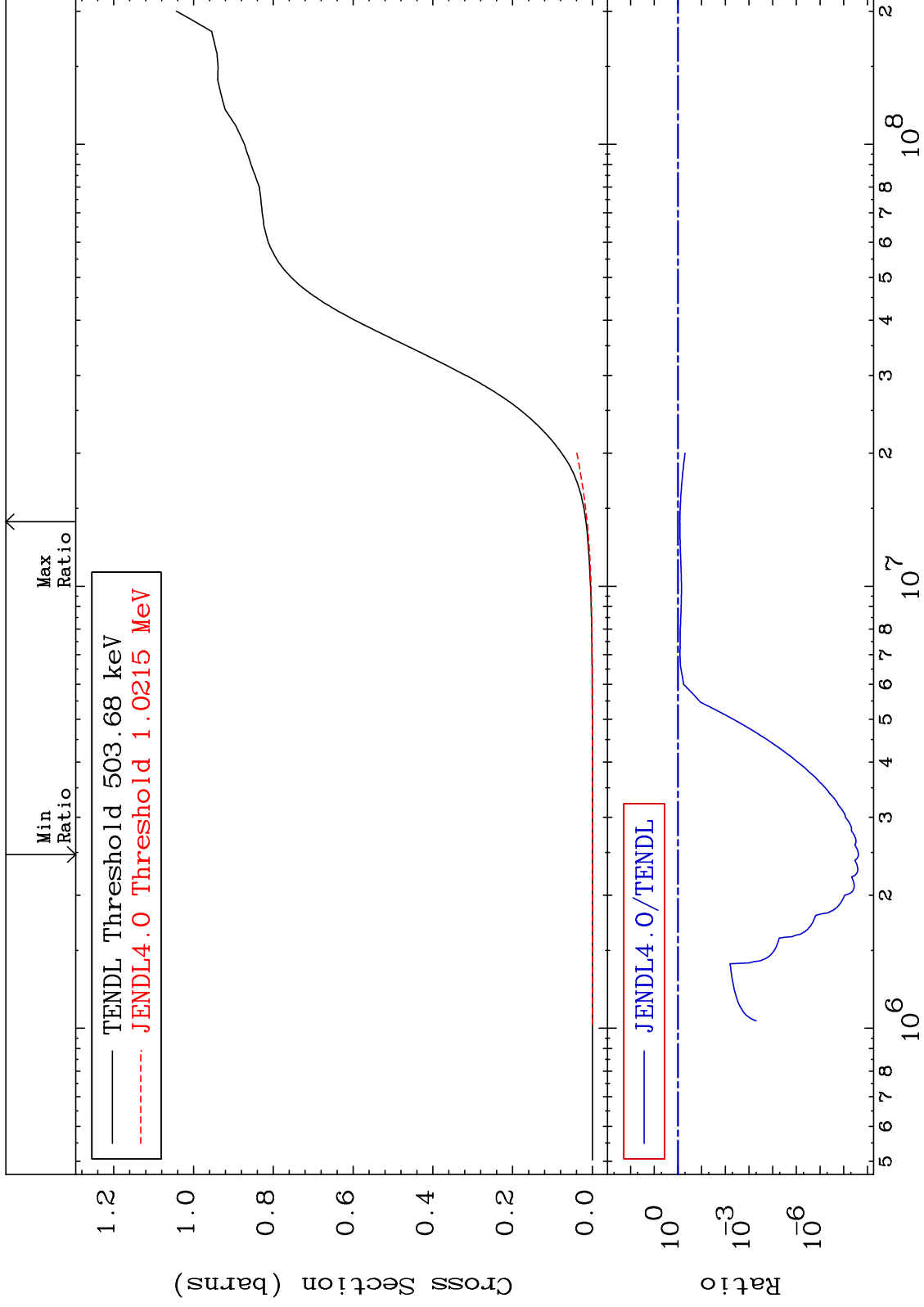
Incident Energy (eV)

56-Ba-132

MAT 5631

Hydrogen Production
Cross Section

56-Ba-132
-100.0 To -16.61%



25

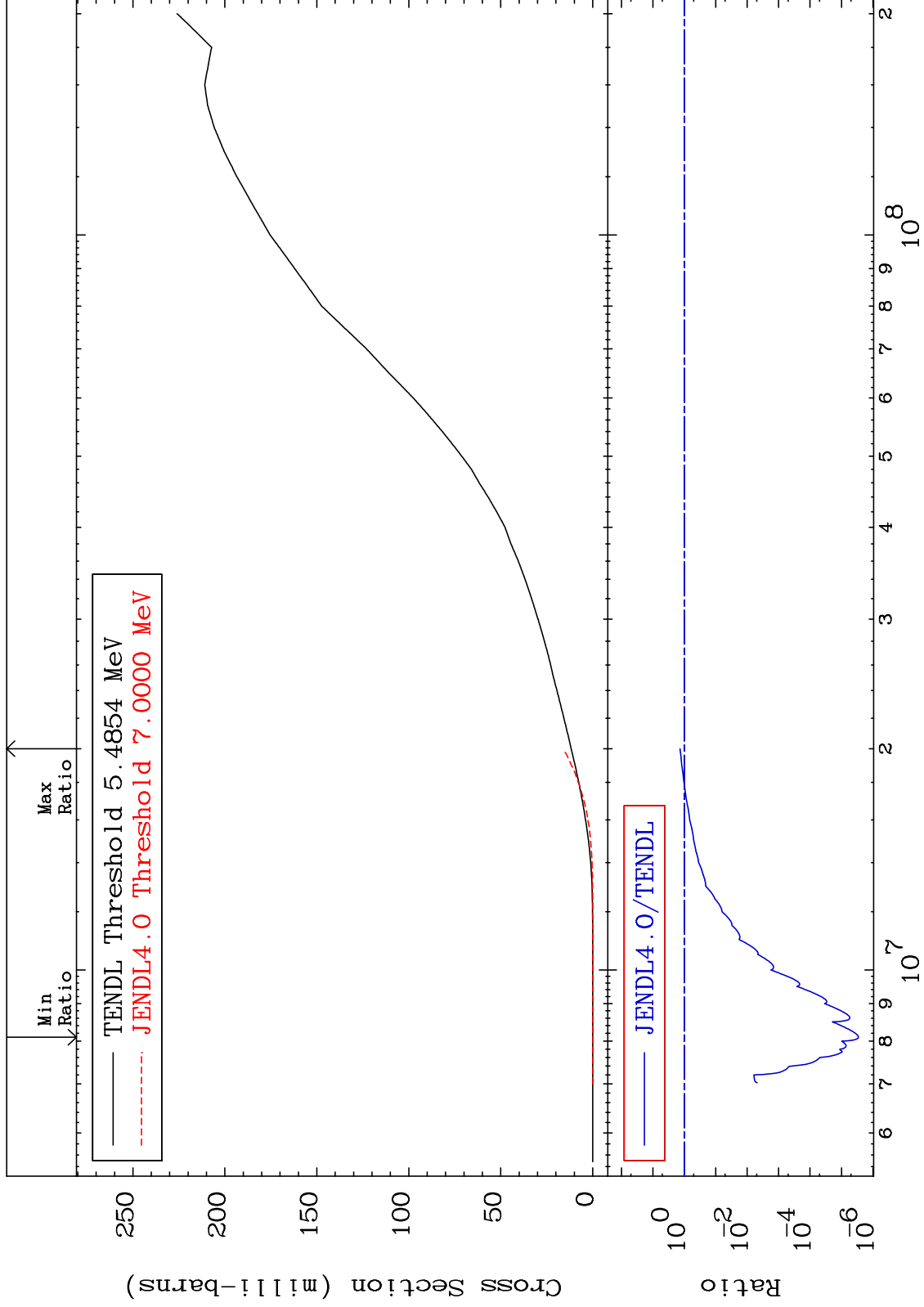
Incident Energy (eV)

56-Ba-132

MAT 5631

Deuterium Production
Cross Section

56-Ba-132
-100.0 To 36.85 %



26

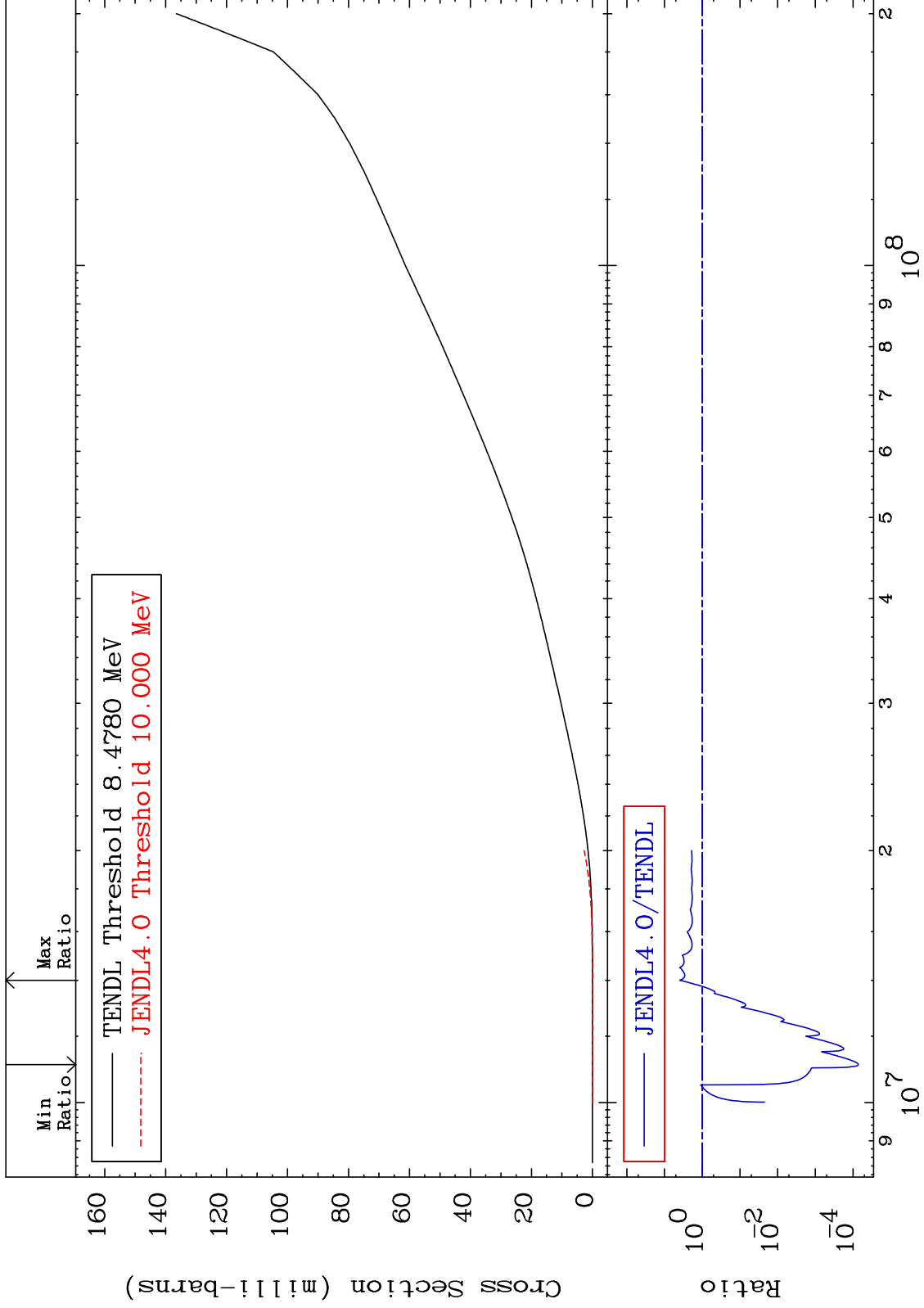
Incident Energy (eV)

56-Ba-132

MAT 5631

Tritium Production
Cross Section

56-Ba-132
-99.99 To 293.7 %



27

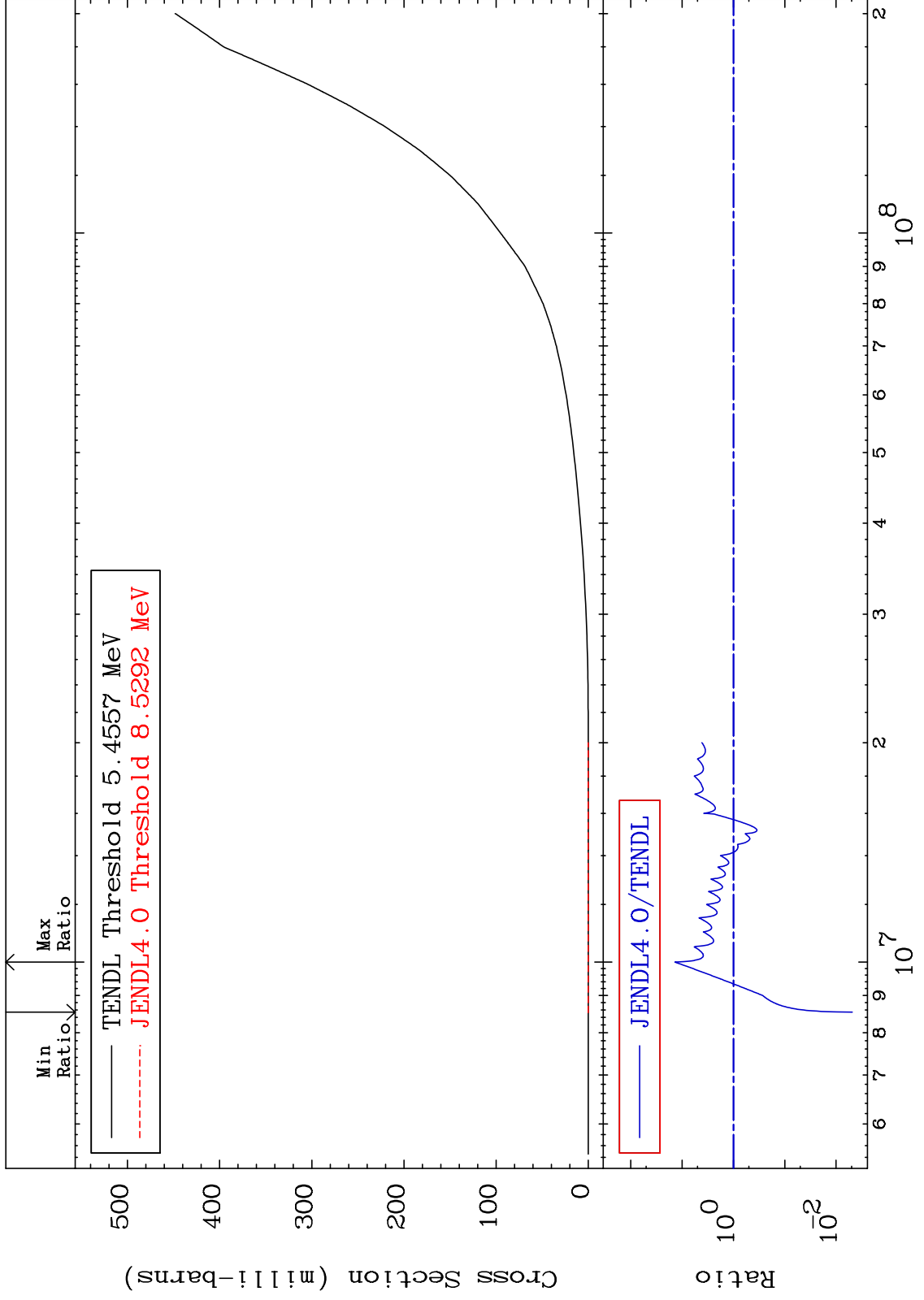
Incident Energy (eV)

56-Ba-132

MAT 5631

He-3 Production
Cross Section

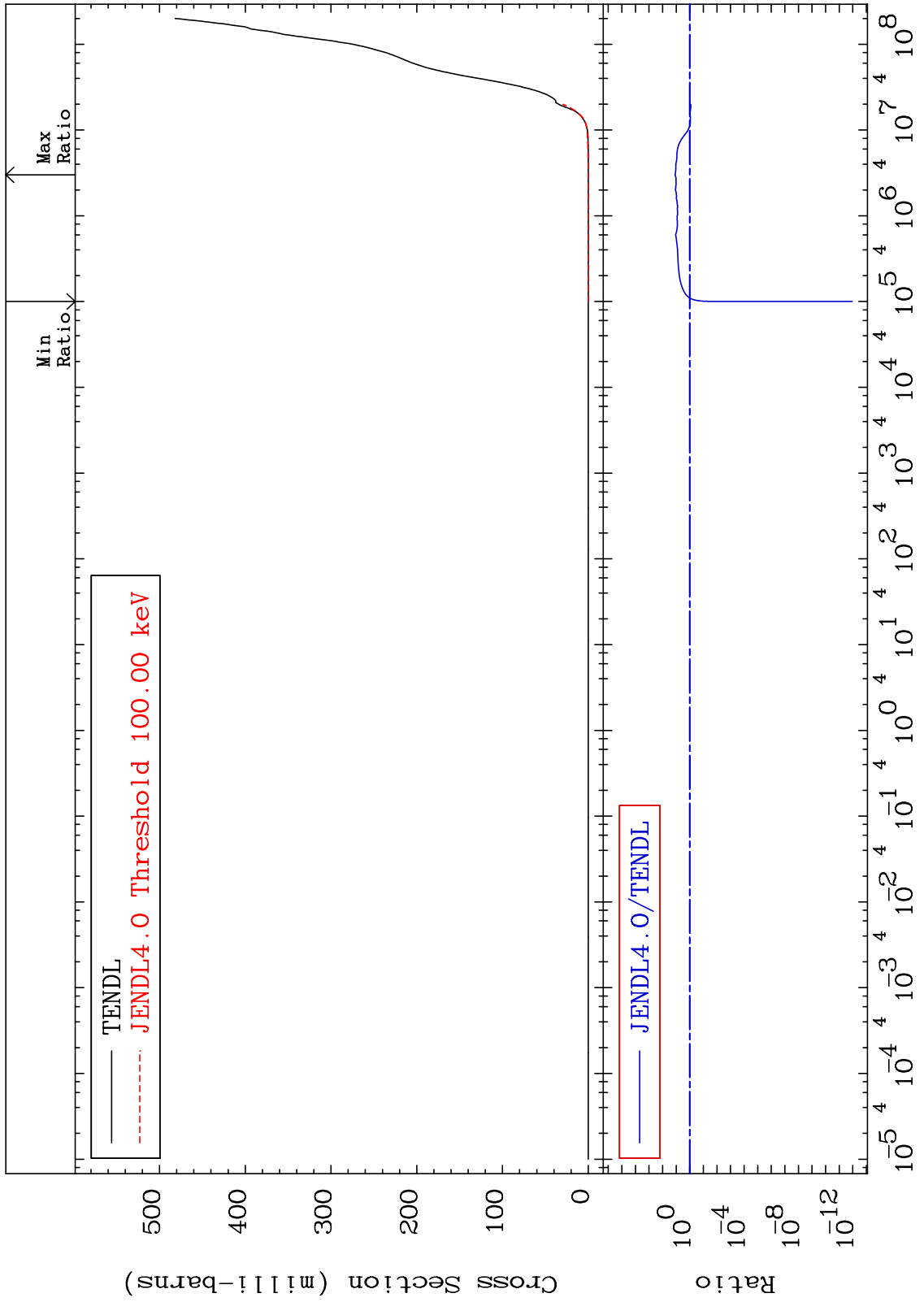
56-Ba-132
-99.52 To 1271. %



MAT 5631

He-4 Production
Cross Section

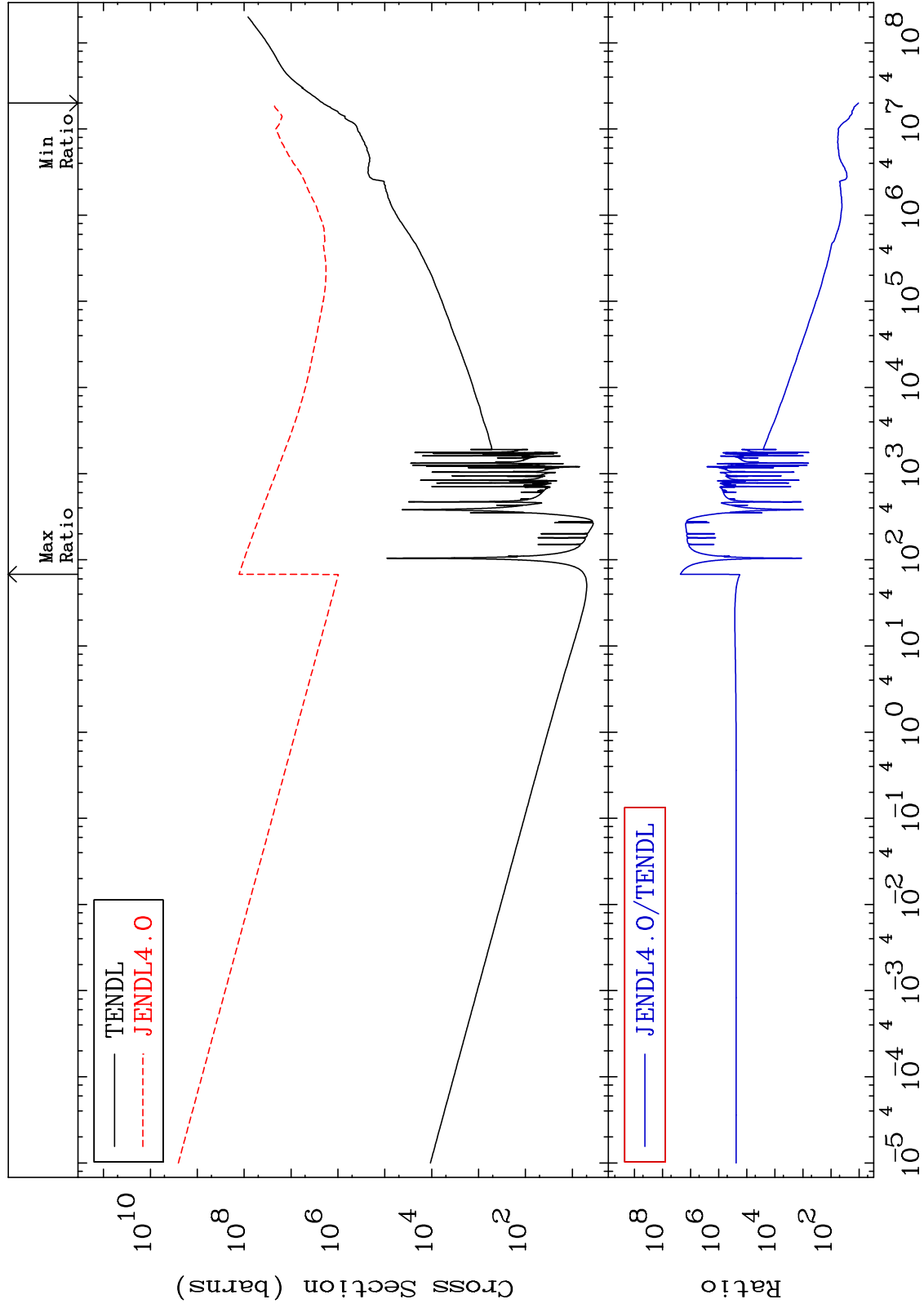
56-Ba-132
-100.0 To 1121. %



MAT 5631

Kerma total (eV-barns)
Cross Section

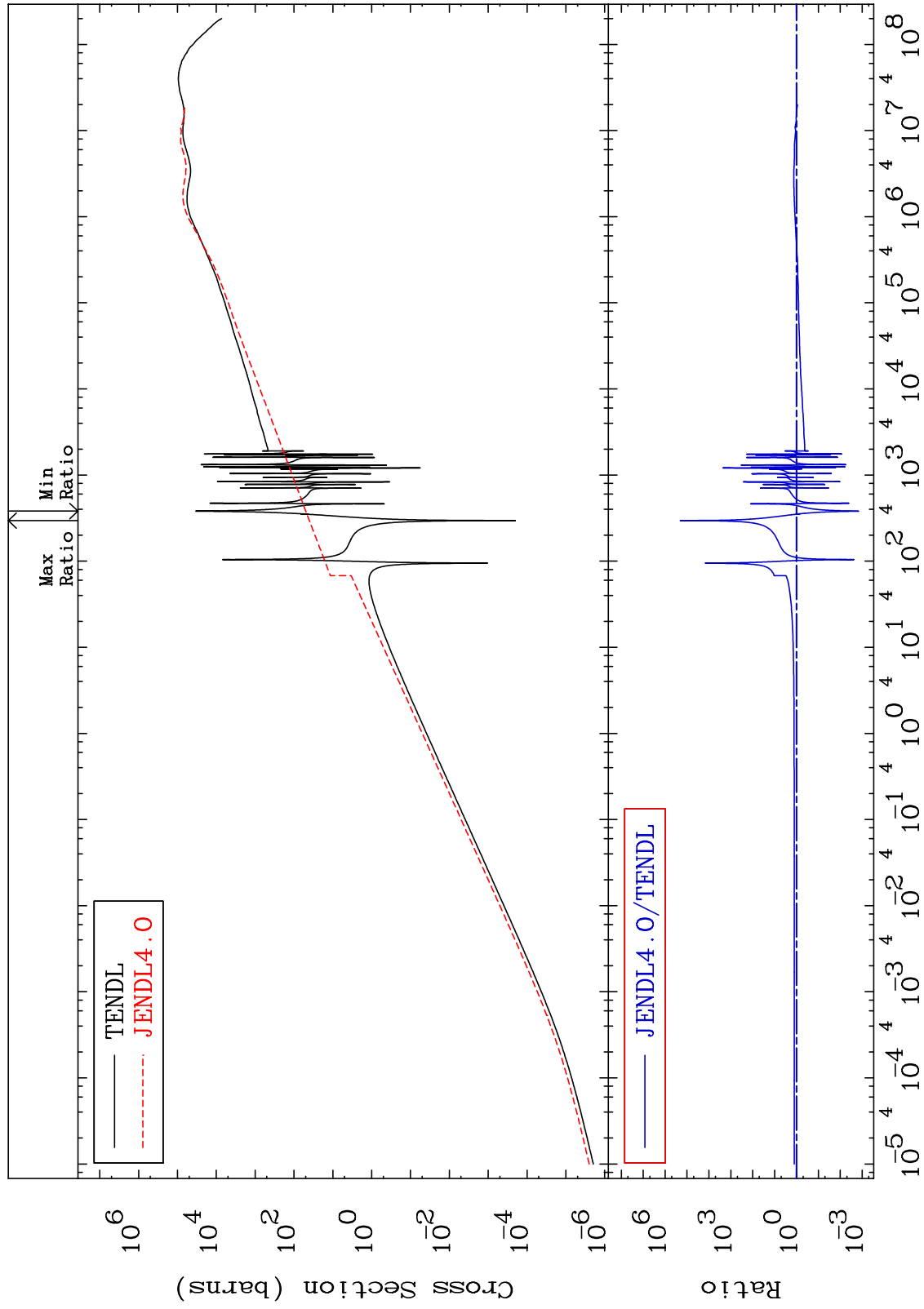
56-Ba-132
947.9 To 9999. %



MAT 5631

Kerma elastic
Cross Section

56-Ba-132
-99.85 To 9999. %



31

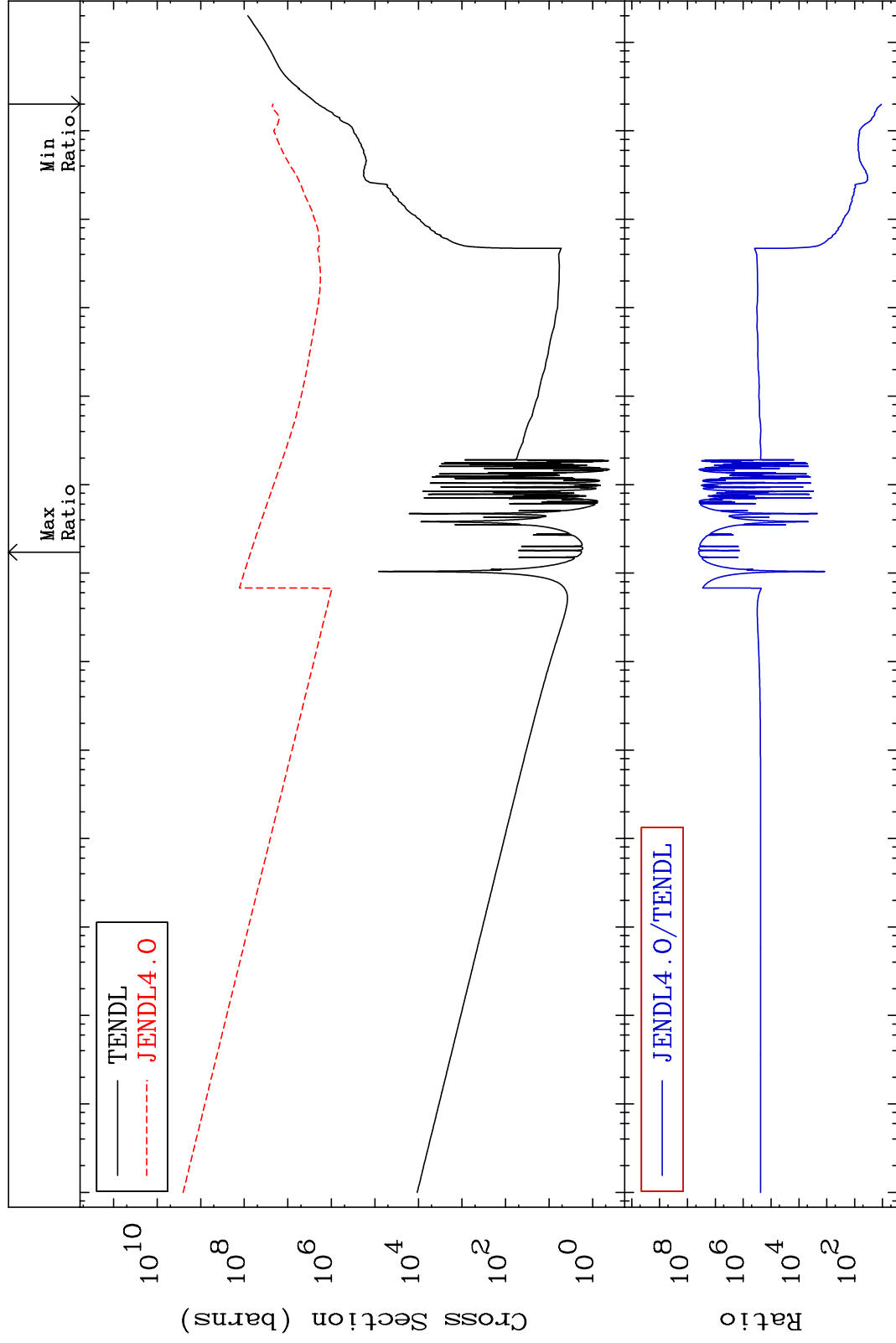
Incident Energy (eV)

56-Ba-132

MAT 5631

Kerma non-elastic (all but mt2)
Cross Section

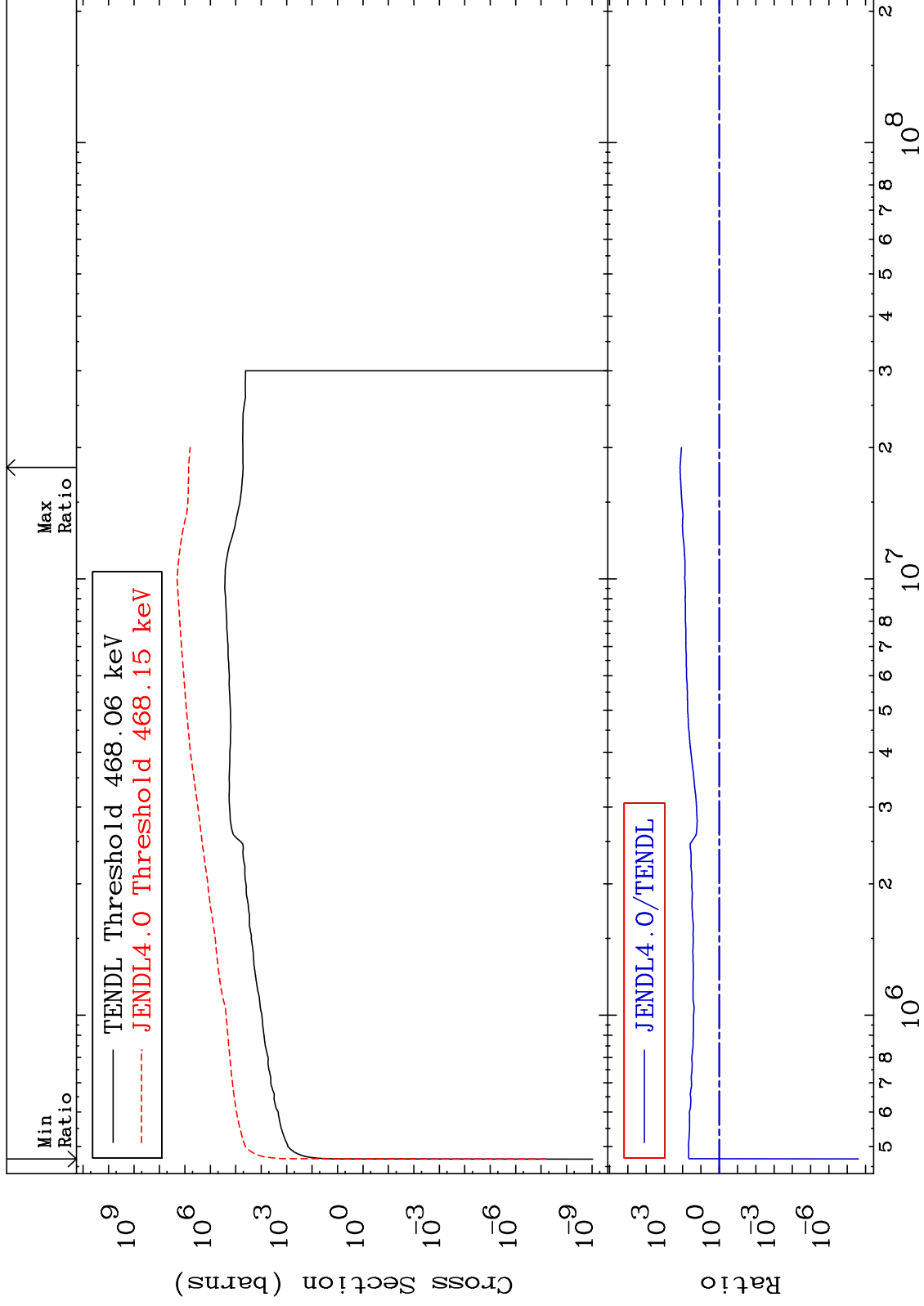
56-Ba-132
981.7 To 9999. %



MAT 5631

Kerma inelastic (mt51-91)
Cross Section

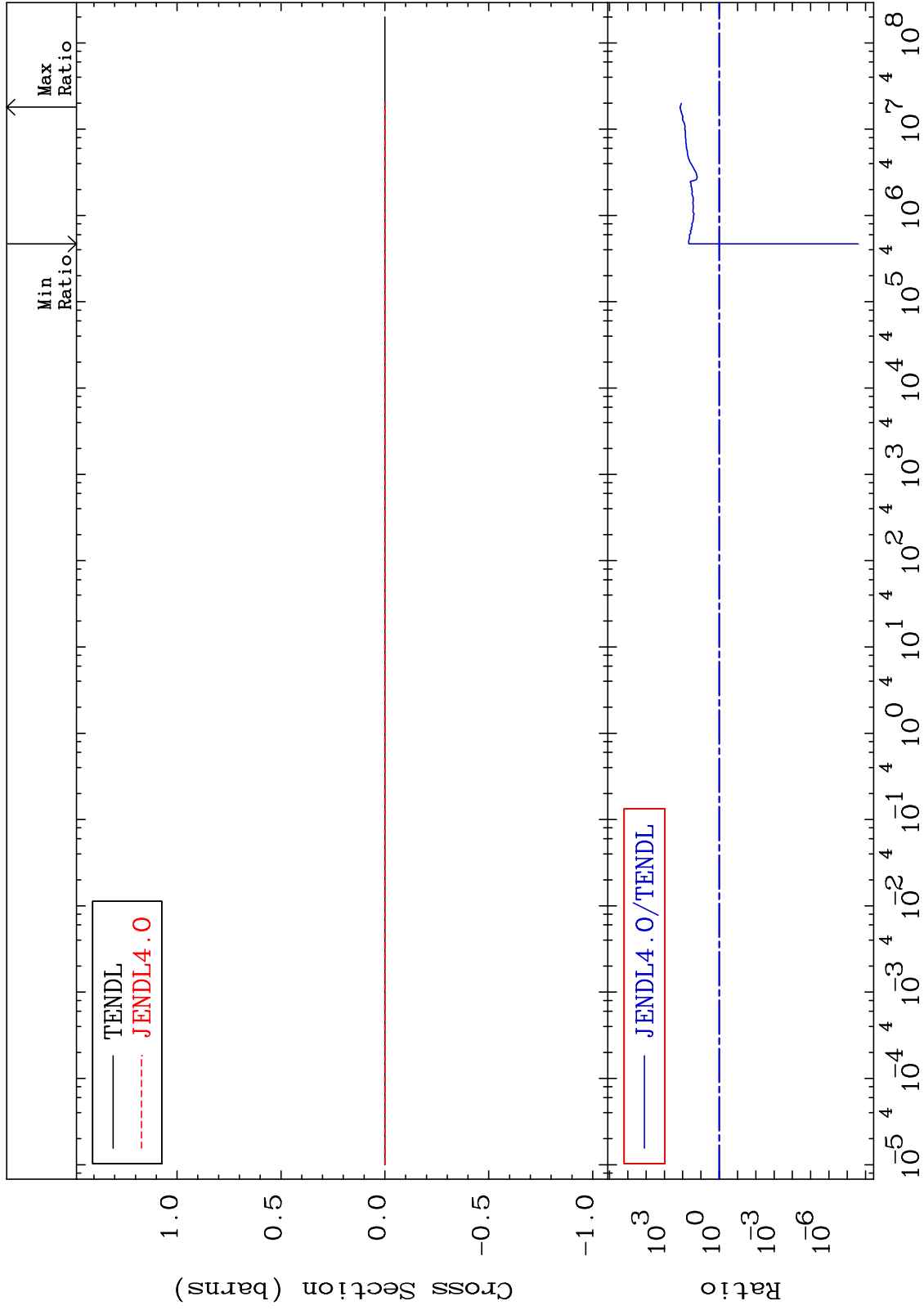
56-Ba-132
-100.0 To 9999. %



MAT 5631

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

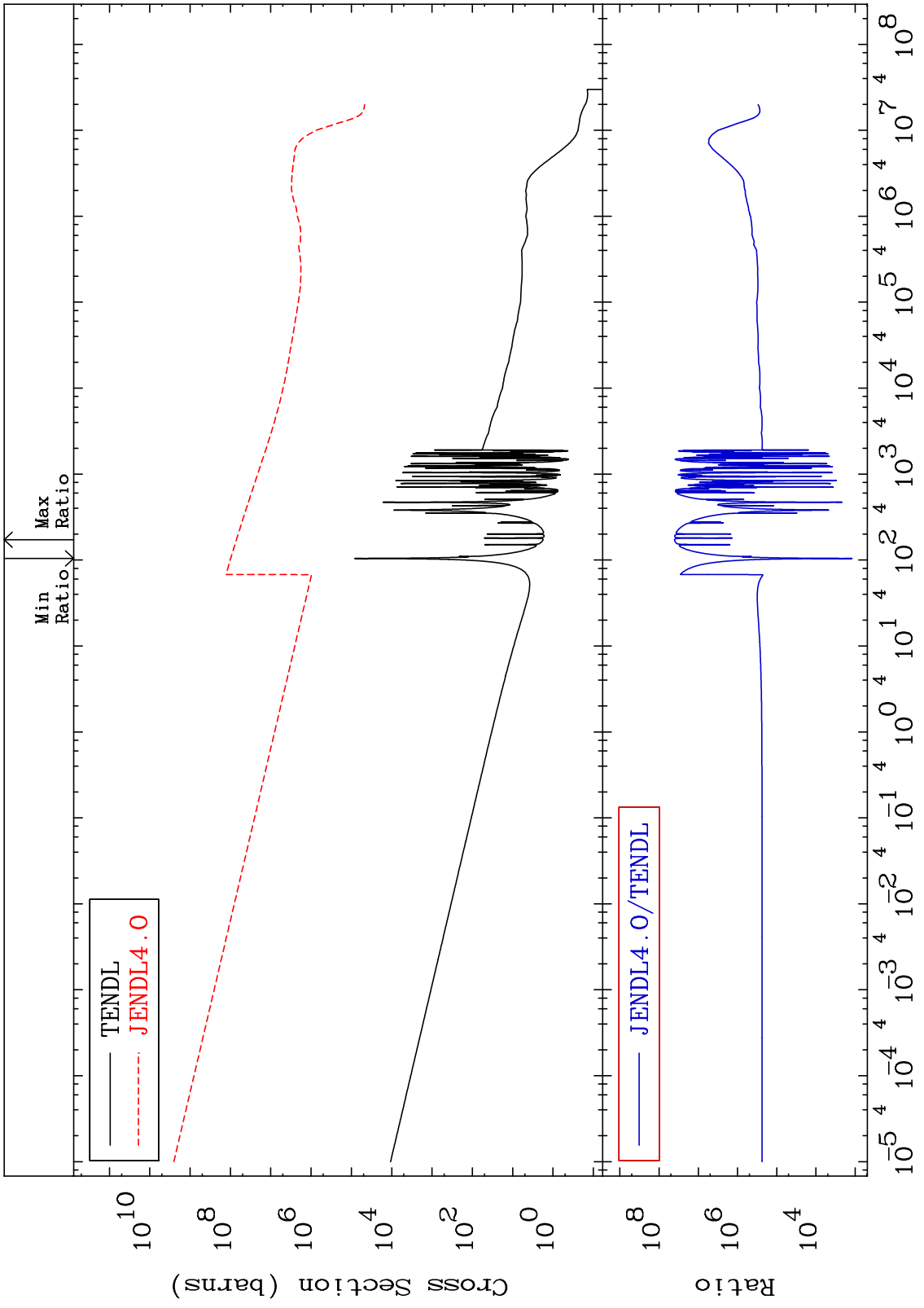
56-Ba-132
-100.0 To 9999. %



MAT 5631

Kerma capture (mt102)
Cross Section

56-Ba-132
9999. To 9999. %



35

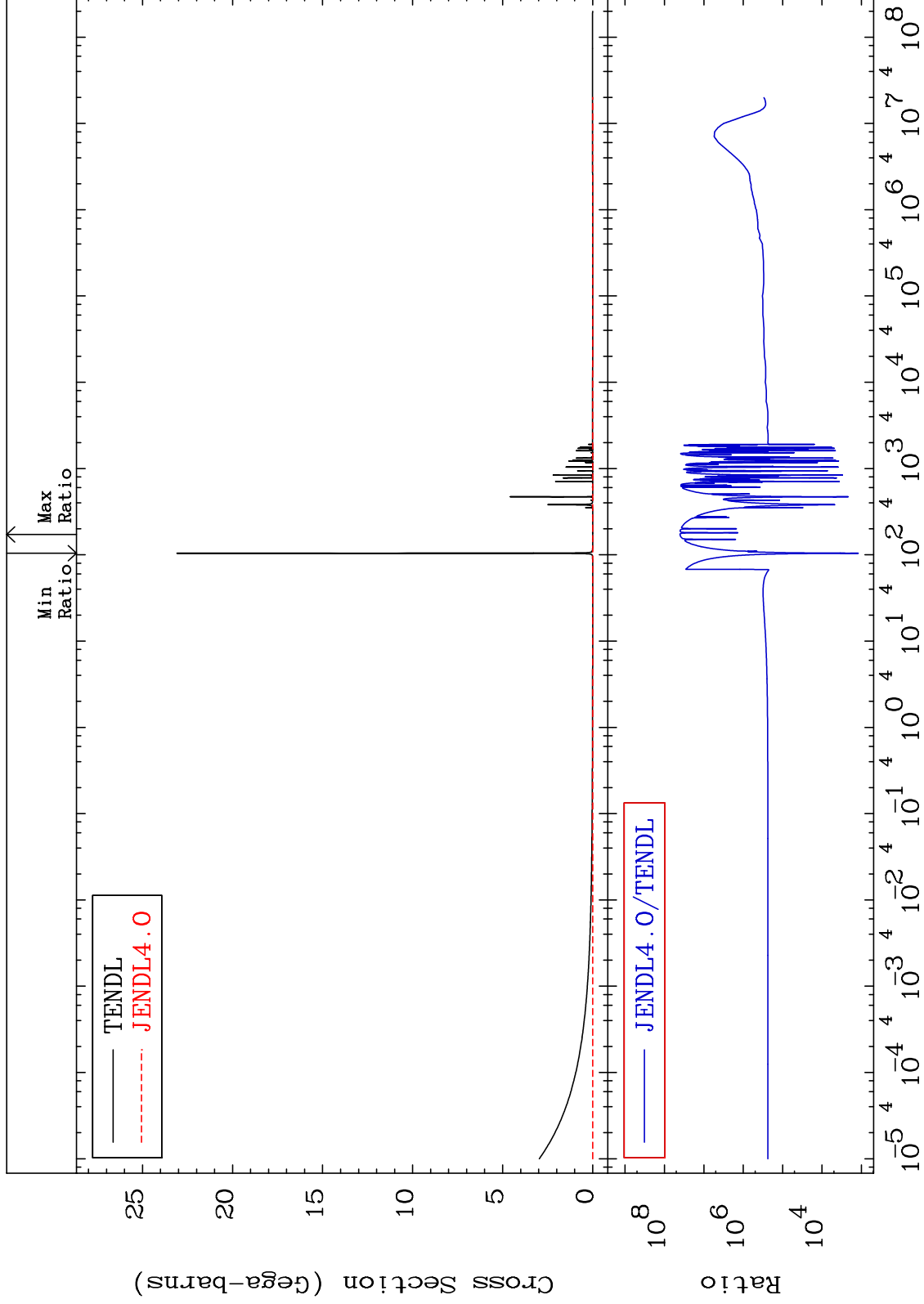
Incident Energy (eV)

56-Ba-132

MAT 5631

Total photon (eV-barns)
Cross Section

56-Ba-132
9999. To 9999. %



36

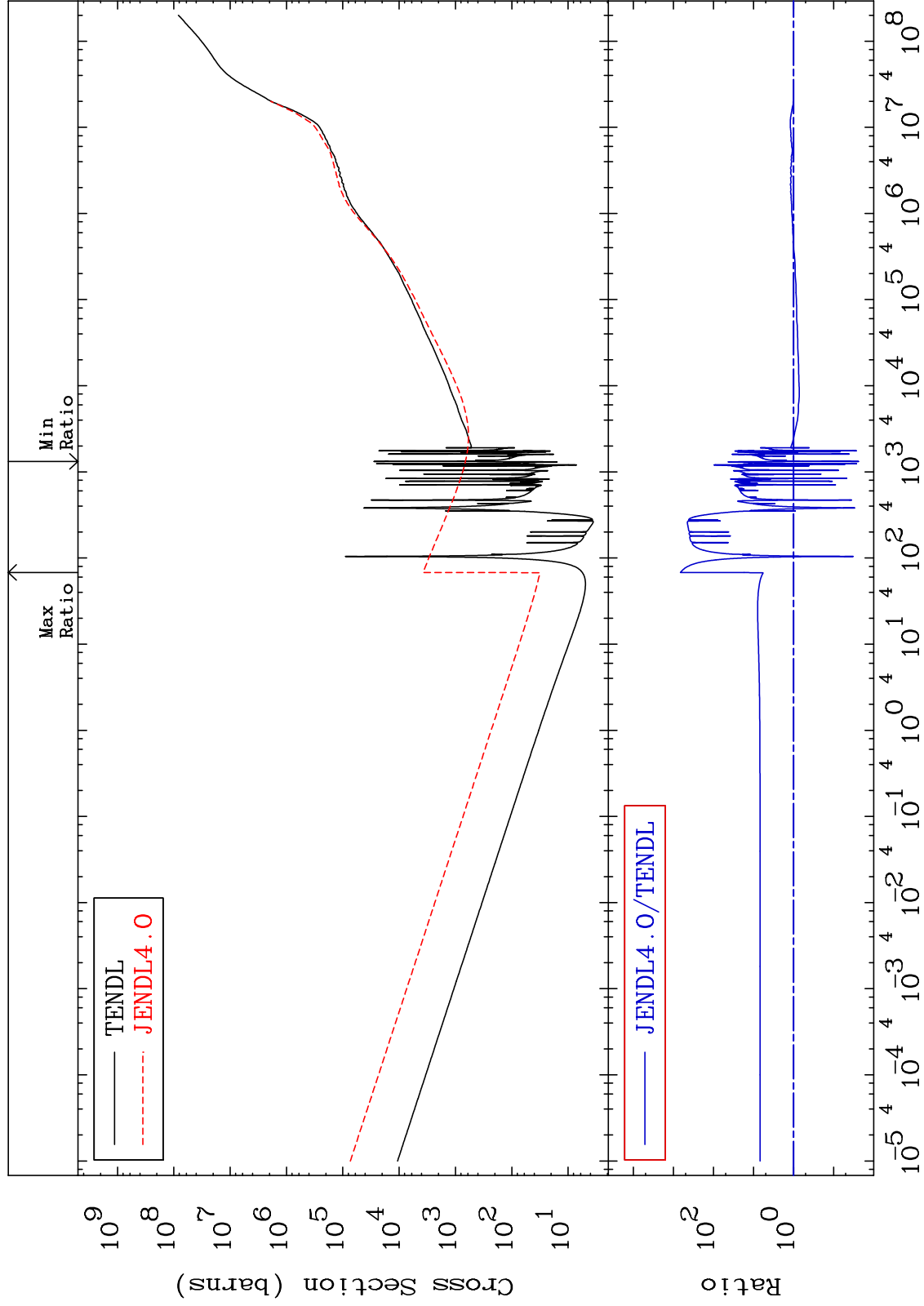
Incident Energy (eV)

56-Ba-132

MAT 5631

Total kinematic kerma (high limit)
Cross Section

56-Ba-132
-97.61 To 9999. %



37

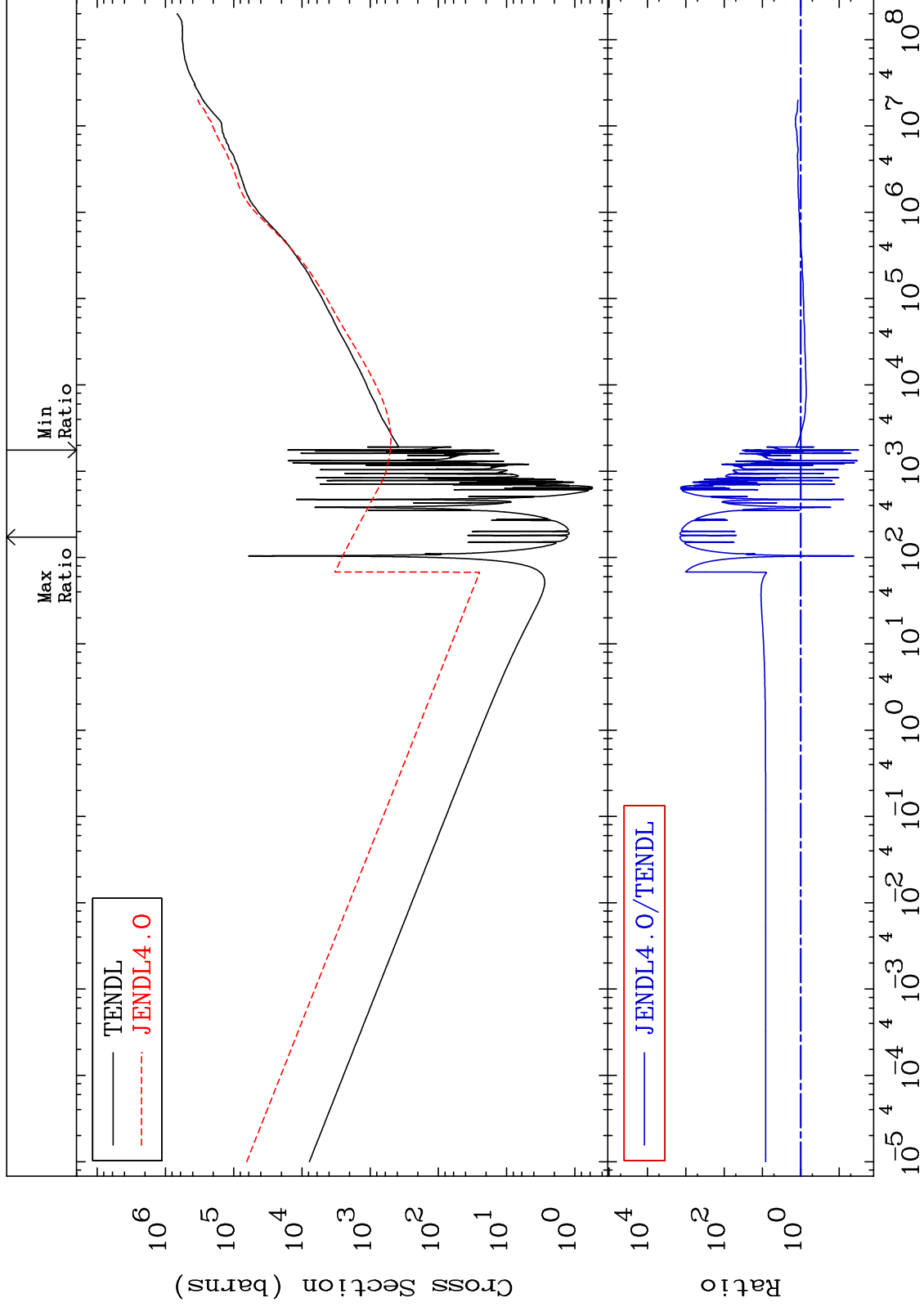
Incident Energy (eV)

56-Ba-132

MAT 5631

Dpa total (eV-barns)
Cross Section

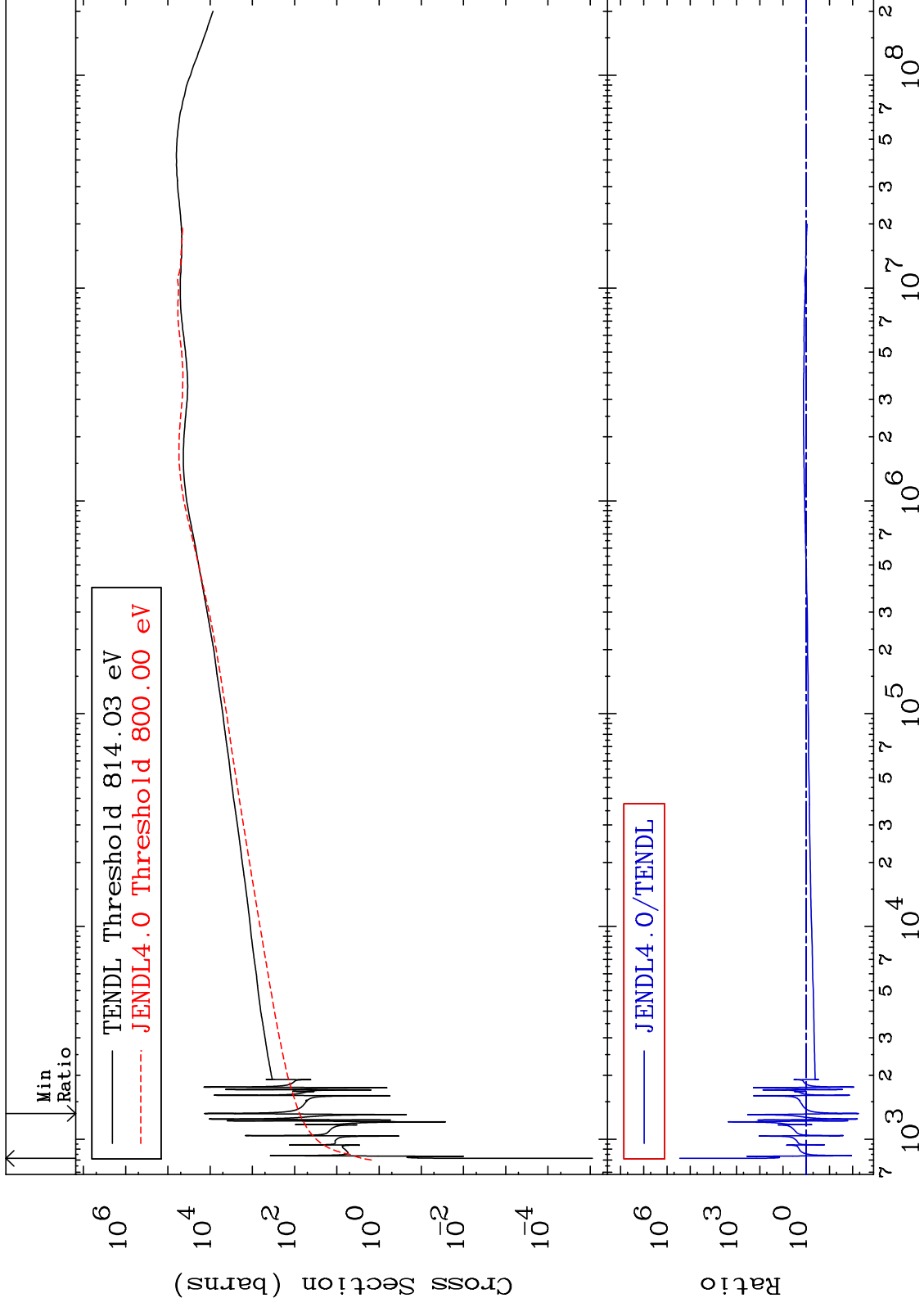
56-Ba-132
-96.84 To 9999. %



MAT 5631

Dpa elastic (mt2)
Cross Section

56-Ba-132
-99.43 To 9999. %



39

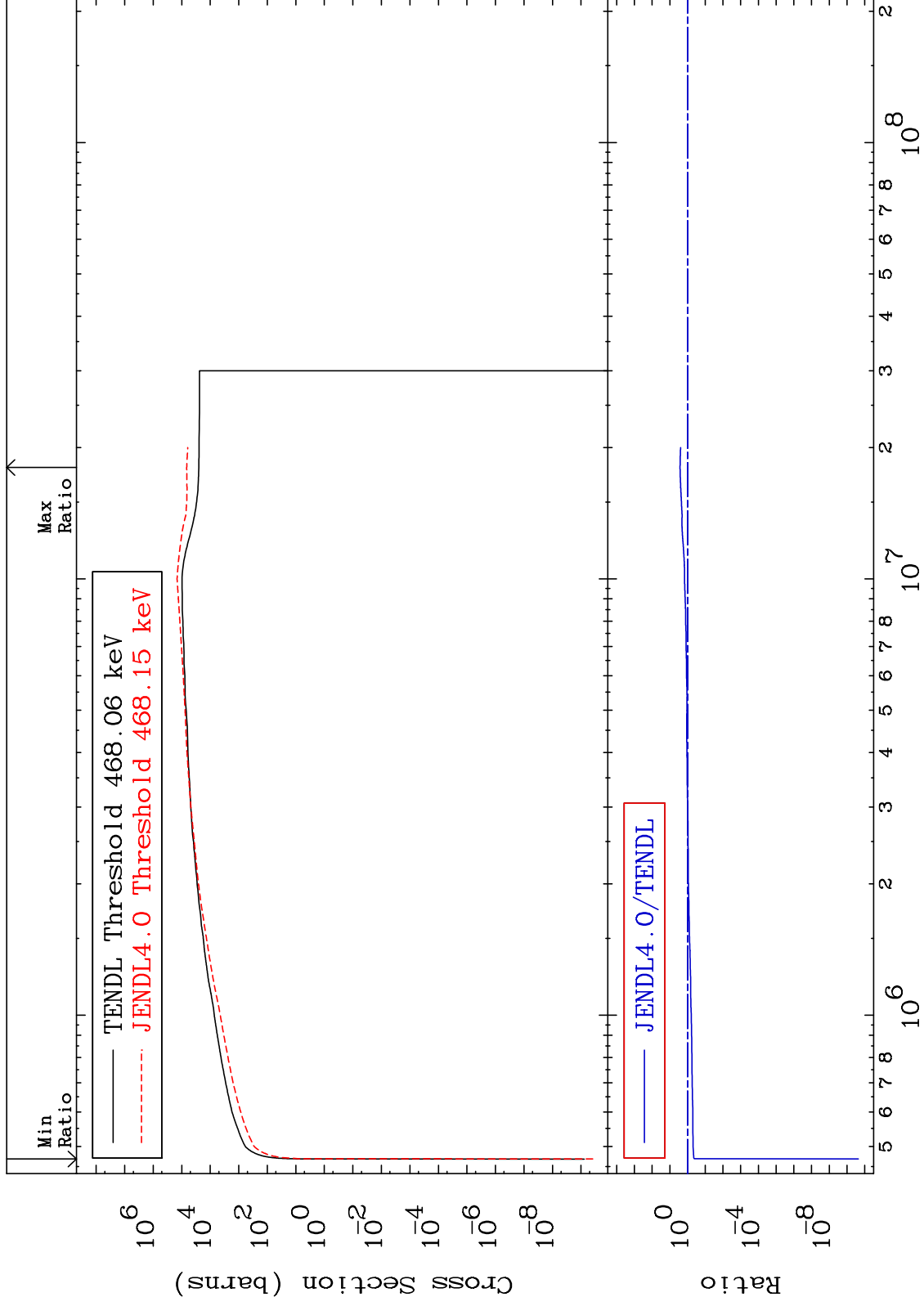
Incident Energy (eV)

56-Ba-132

MAT 5631

Dpa inelastic (mt51-91)
Cross Section

56-Ba-132
-100.0 To 165.8 %



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Incident Energy (eV)

56-Ba-132

MAT 5631

Dpa disappearance (mt102 -120)
Cross Section

56-Ba-132
-95.82 To 9999. %

