

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

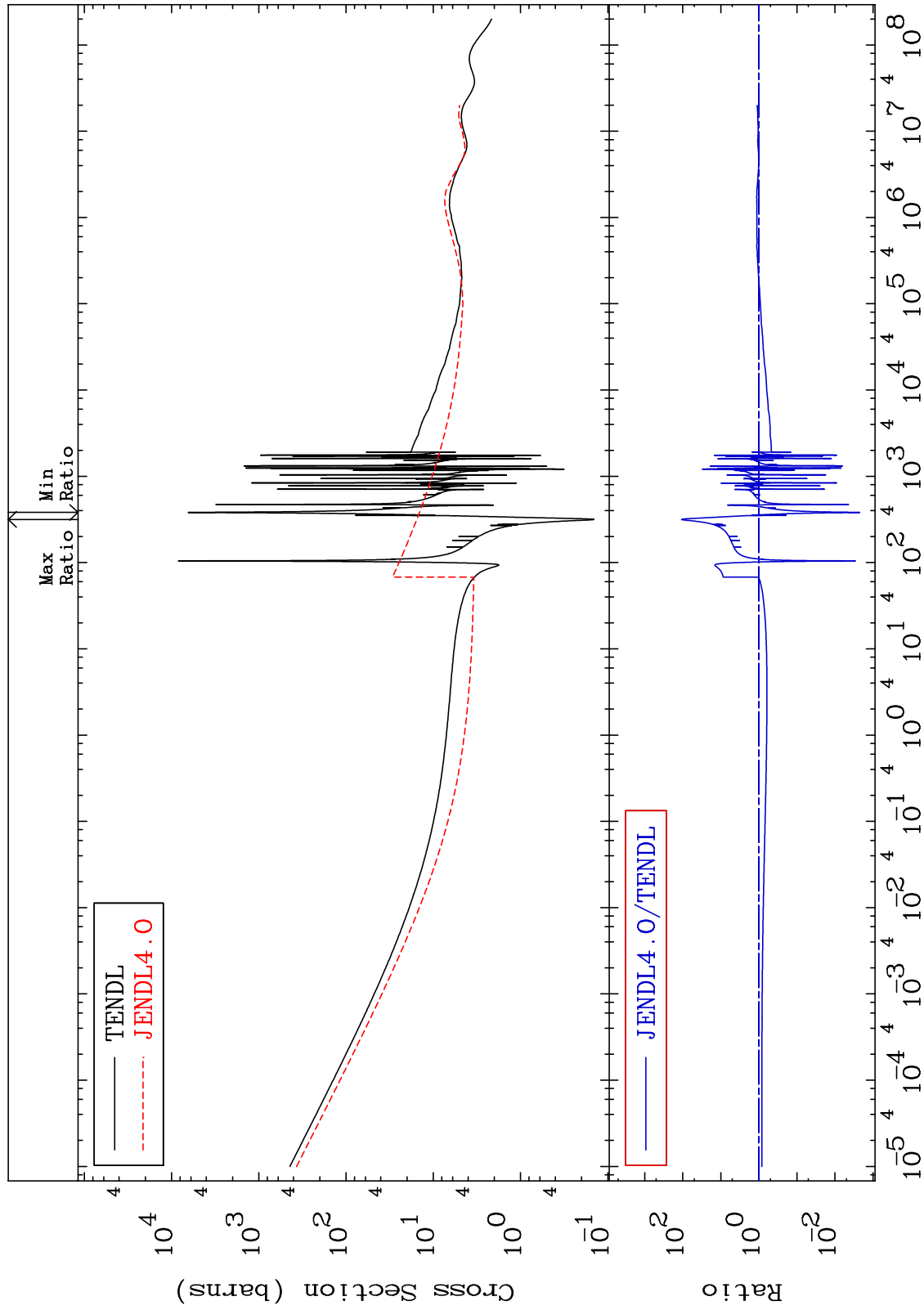
MAT 5631

Total

Cross Section

56-Ba-132

-99.78 To 9999. %



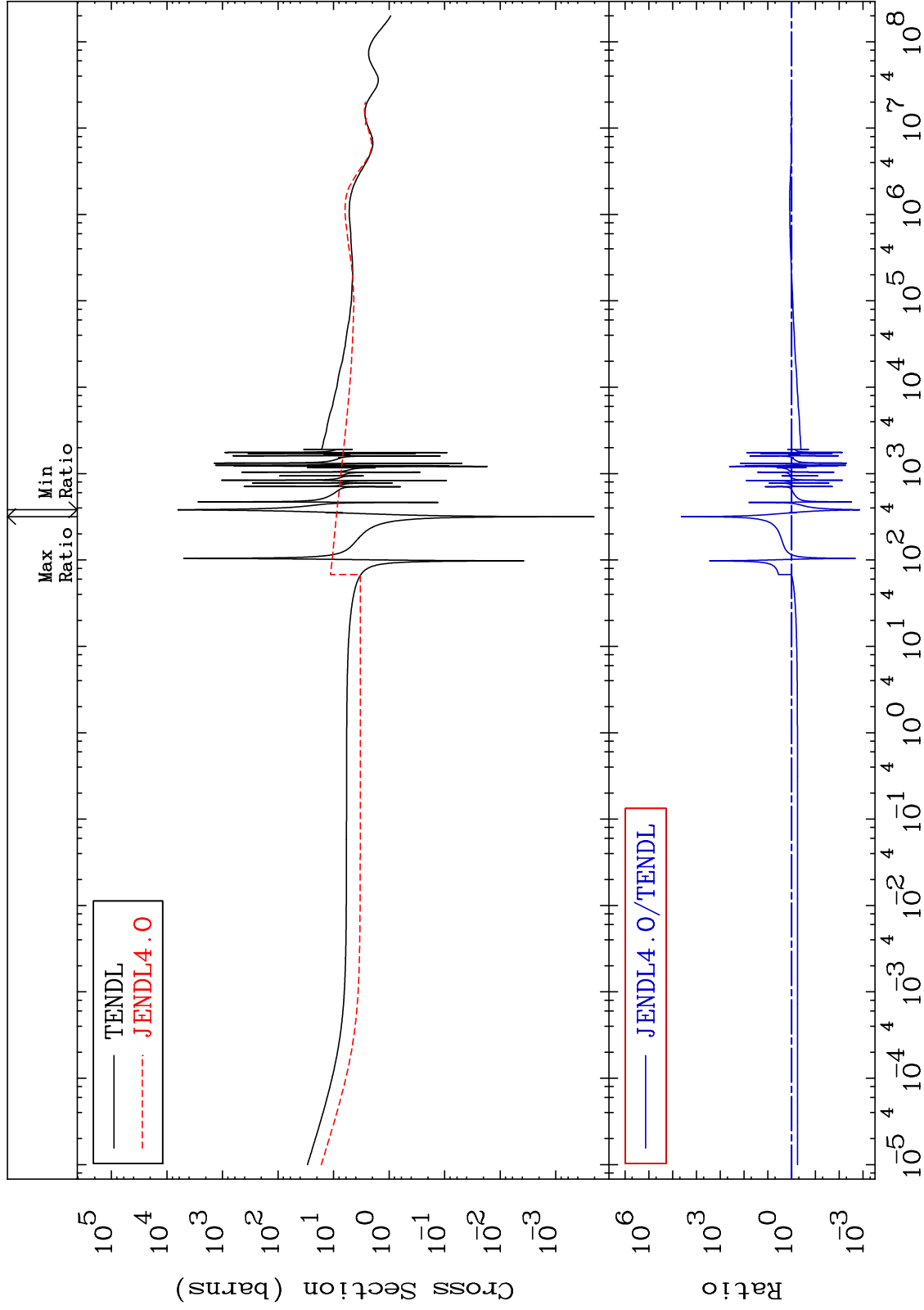
MAT 5631

Elastic

56-Ba-132

Cross Section

-99.86 To 9999. %

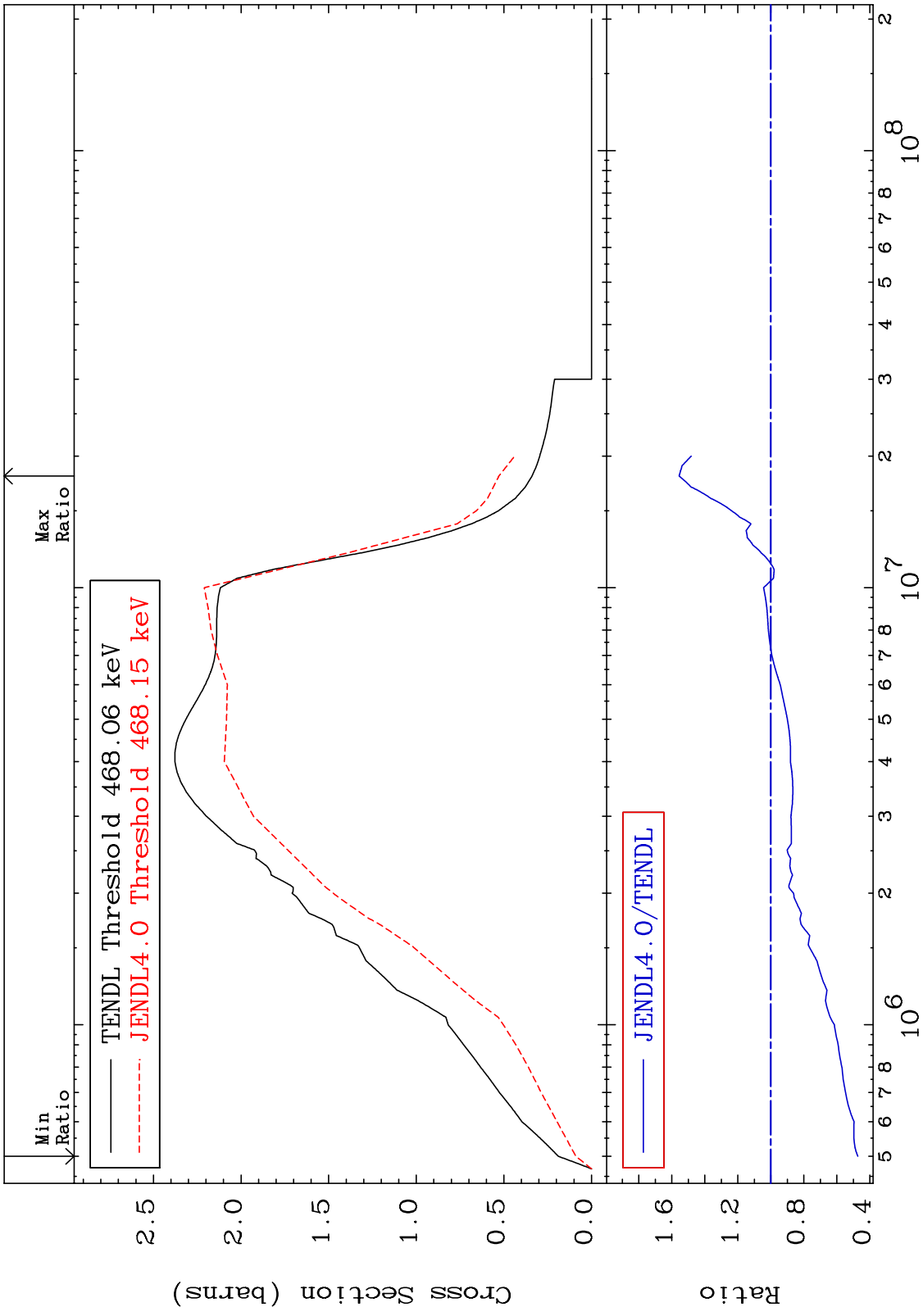


2

Incident Energy (eV)

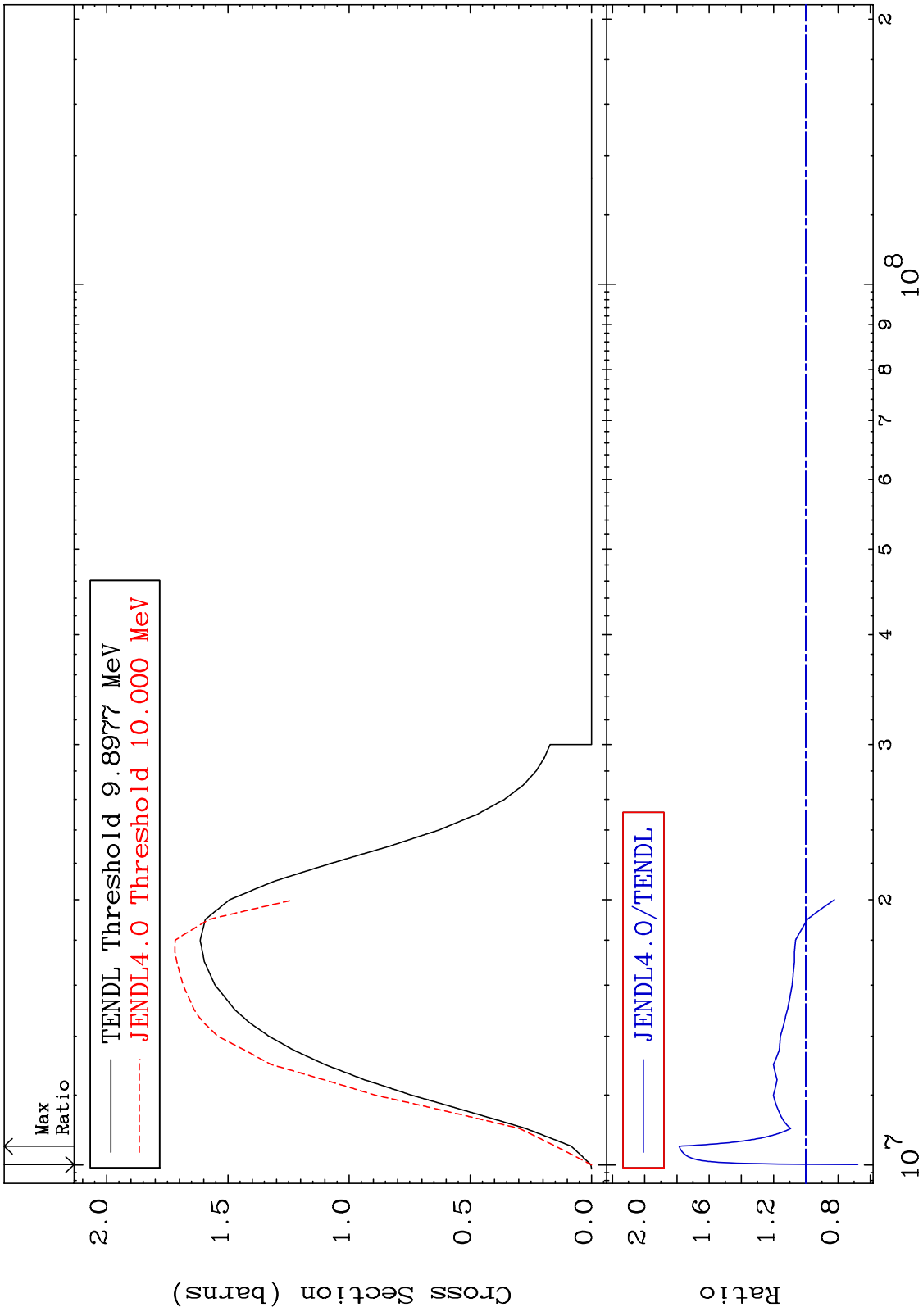
56-Ba-132

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



3 Incident Energy (eV) 56-Ba-132

MAT 5631 (n,2n) Cross Section 56-Ba-132 -32.28 To 78.68 %



Incident Energy (eV) 56-Ba-132

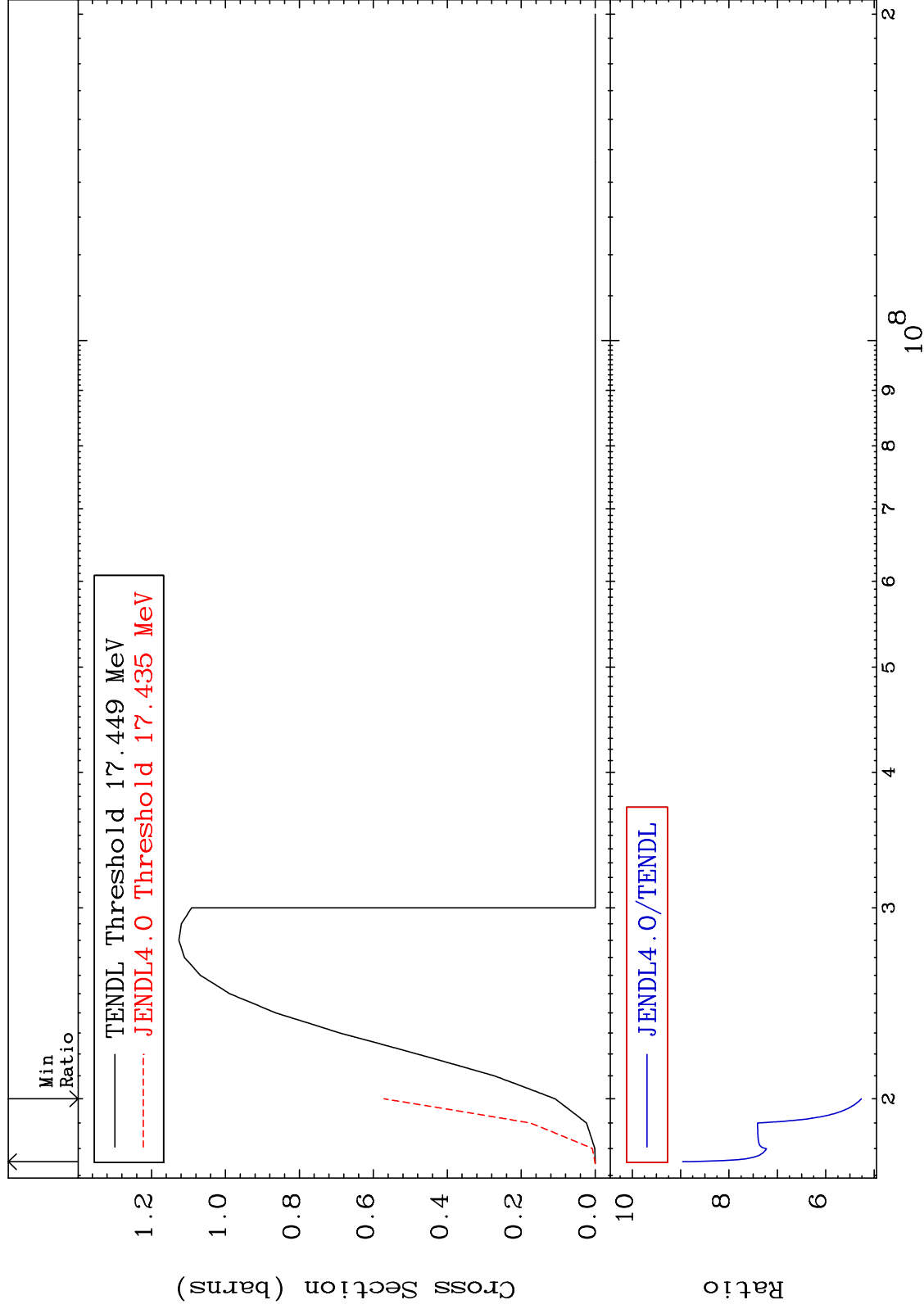
MAT 5631

(n,3n)

56-Ba-132

Cross Section

426.4 To 795.8 %



5

Incident Energy (eV)

56-Ba-132

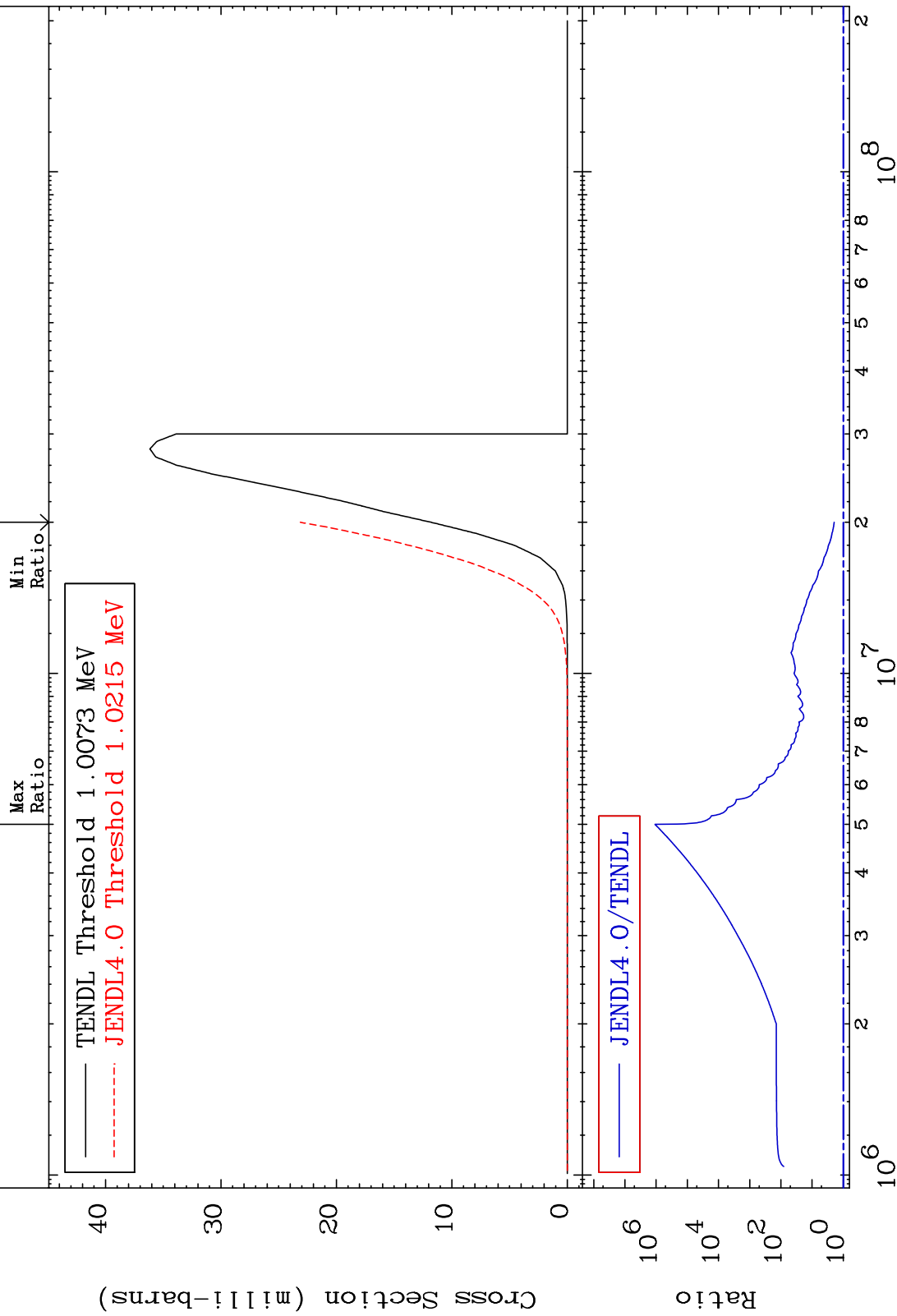
MAT 5631

(n, n') α

56-Ba-132

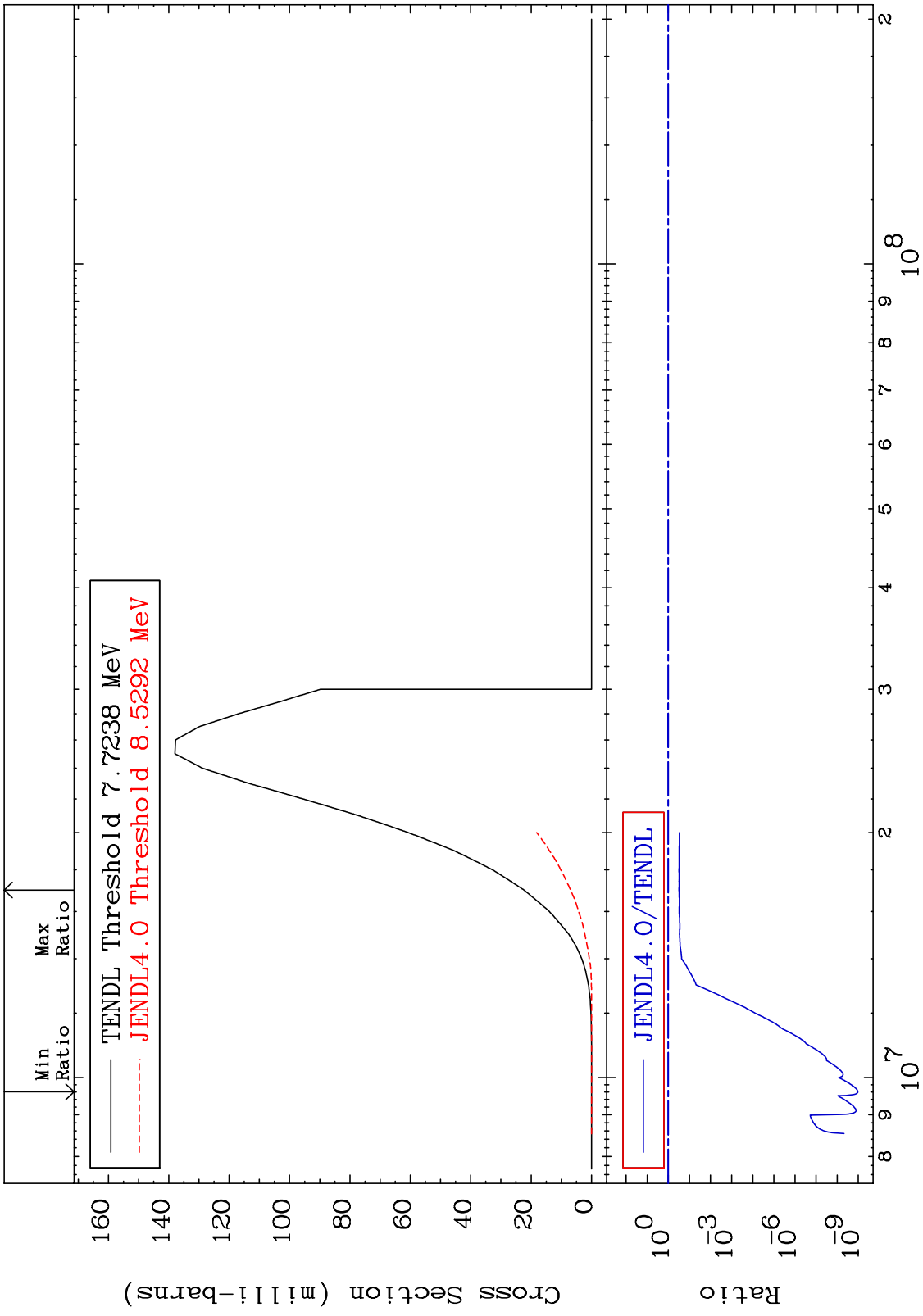
96.17 To 9999. %

Cross Section



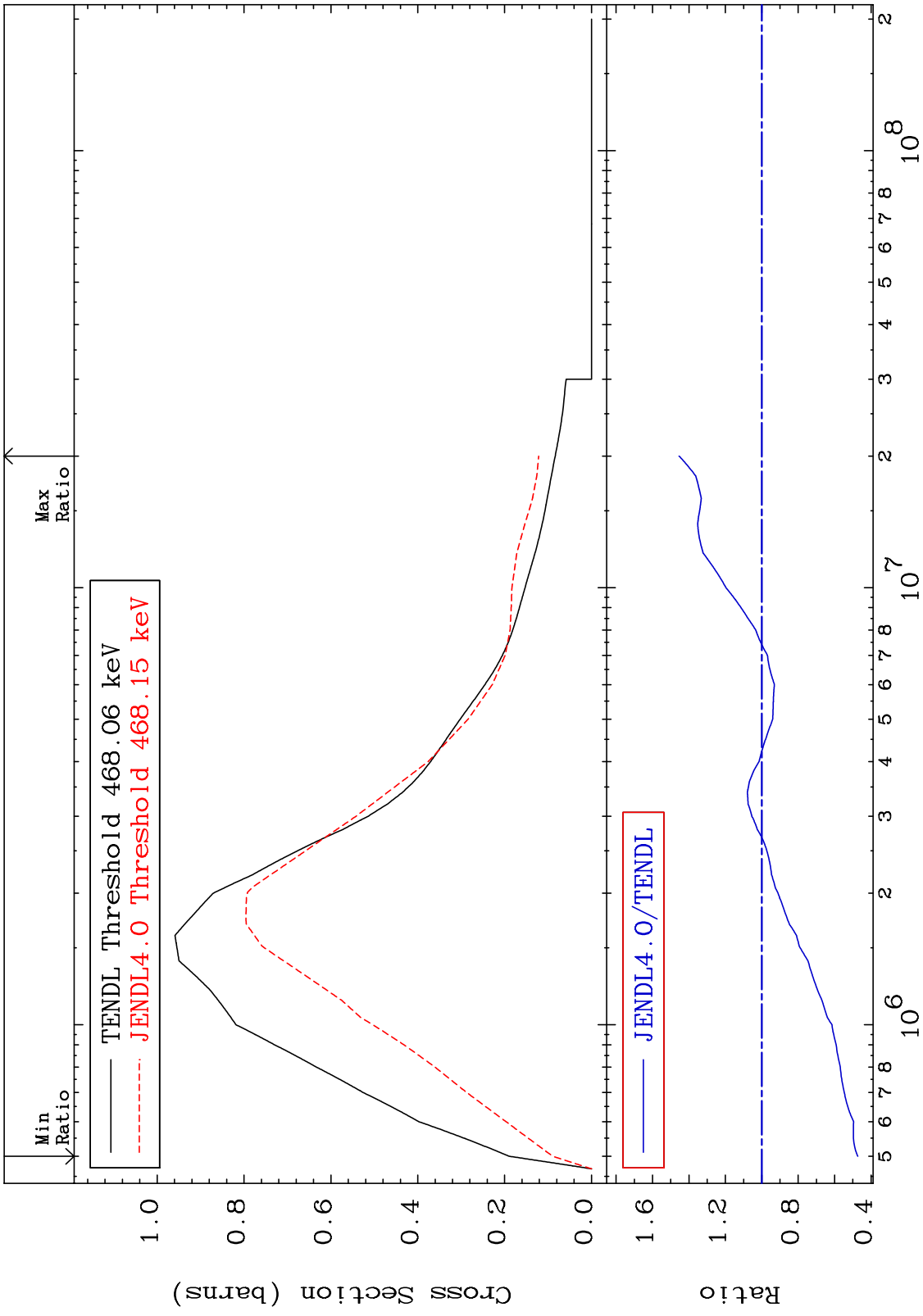
56-Ba-132

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



Incident Energy (eV) 56-Ba-132

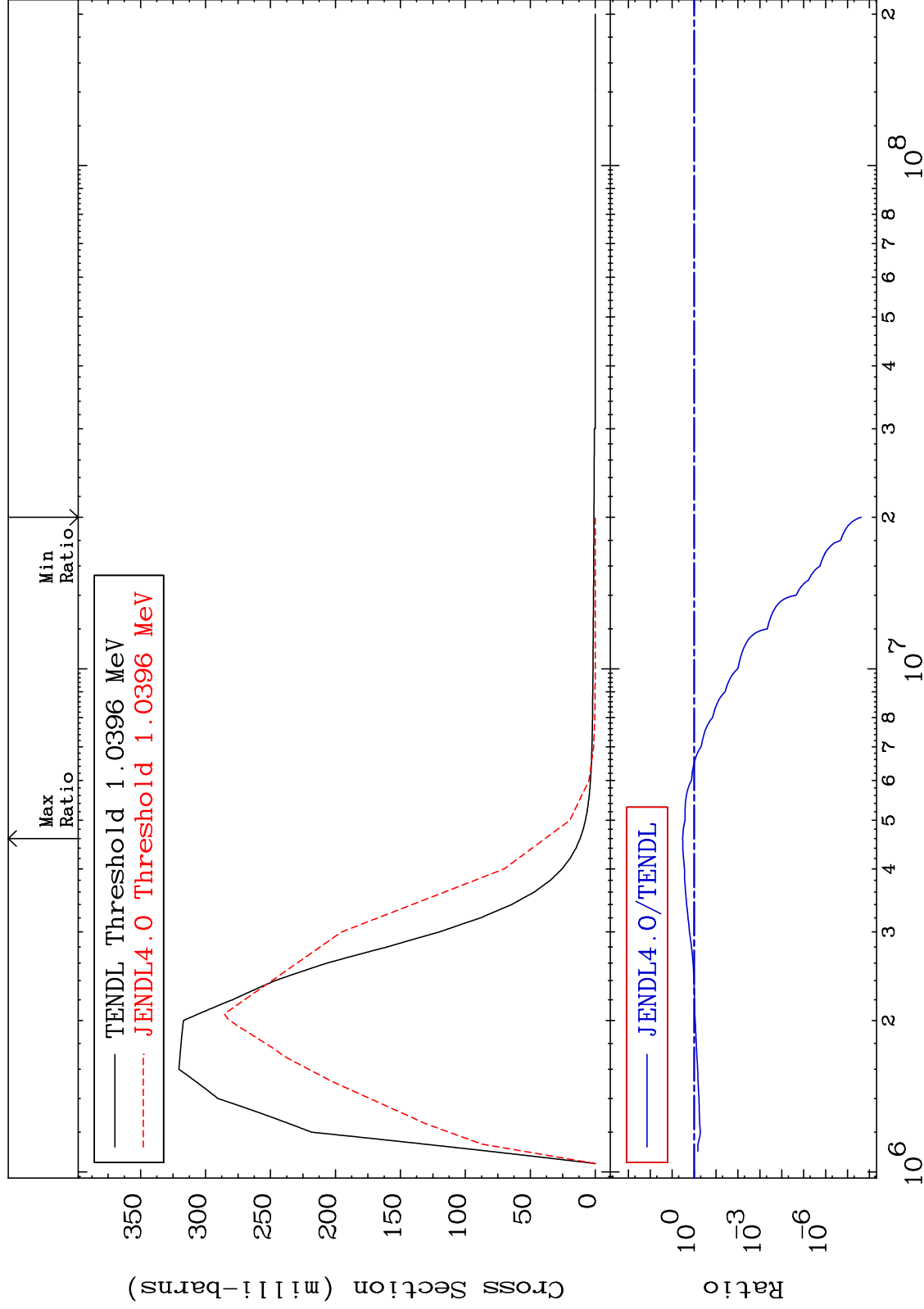
MAT 5631 MT= 51 (n,n') Level Cross Section 56-Ba-132 -52.74 To 45.43 %



MAT 5631

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

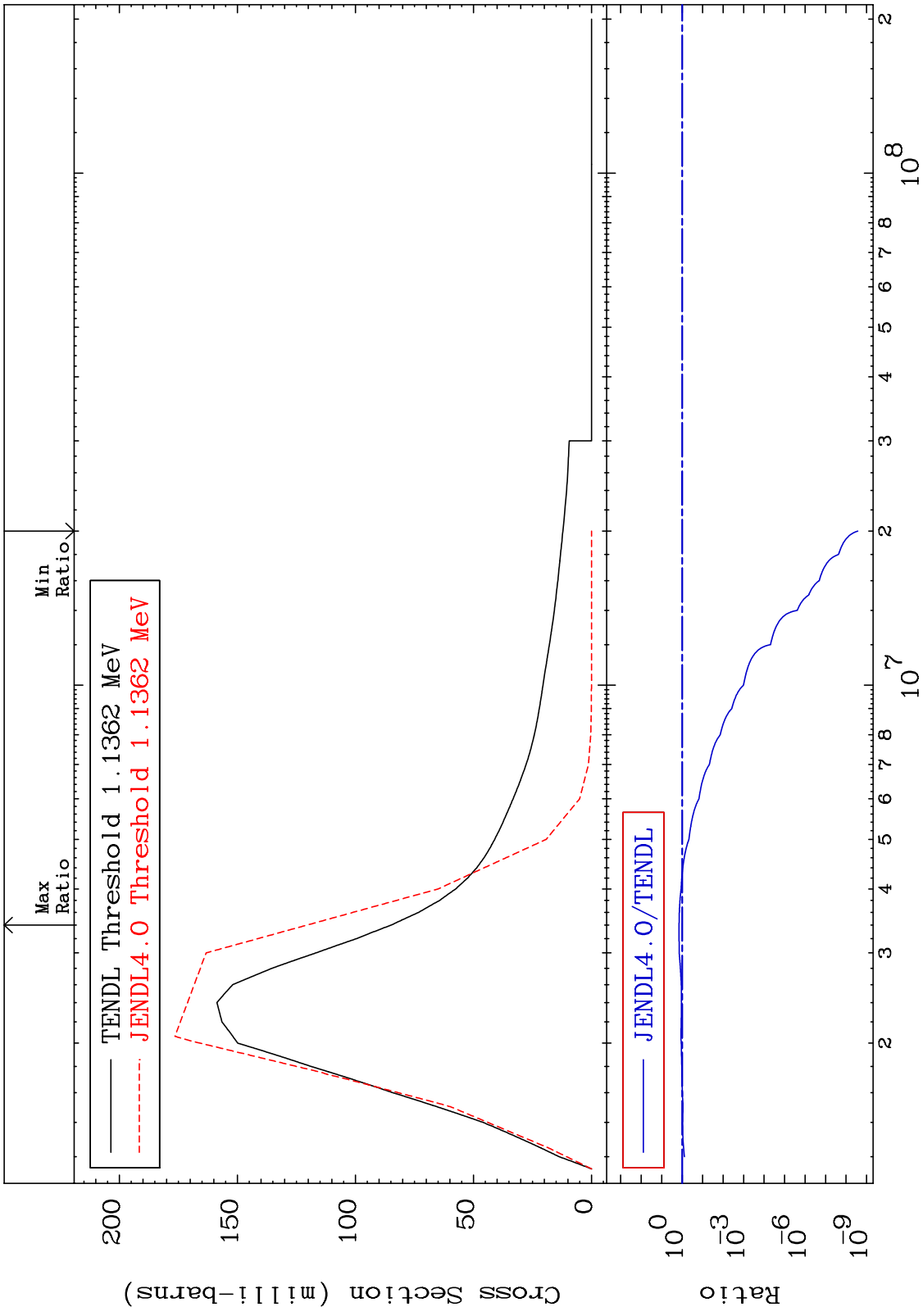
56-Ba-132
-100.0 To 231.7 %



Incident Energy (eV)

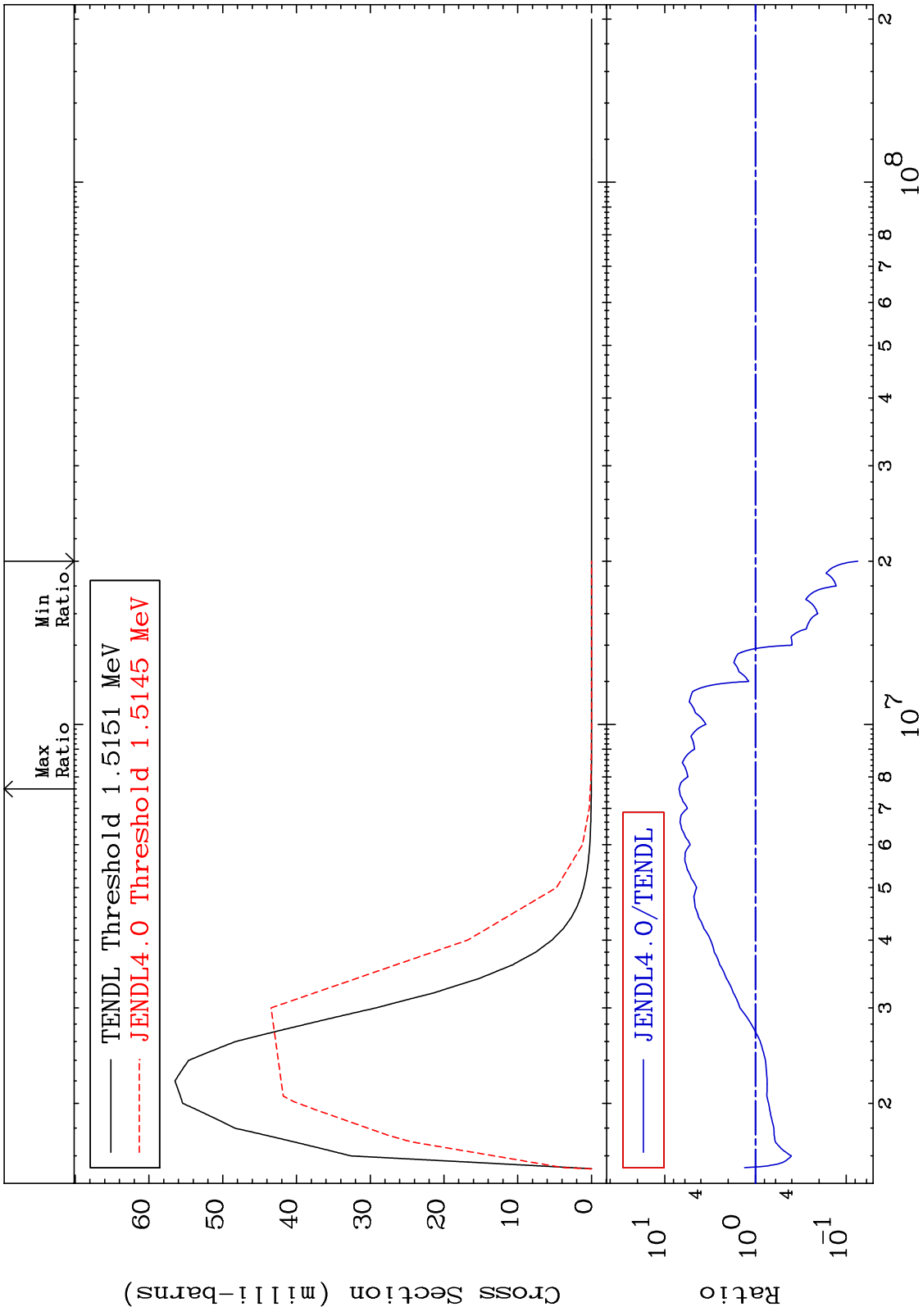
56-Ba-132

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

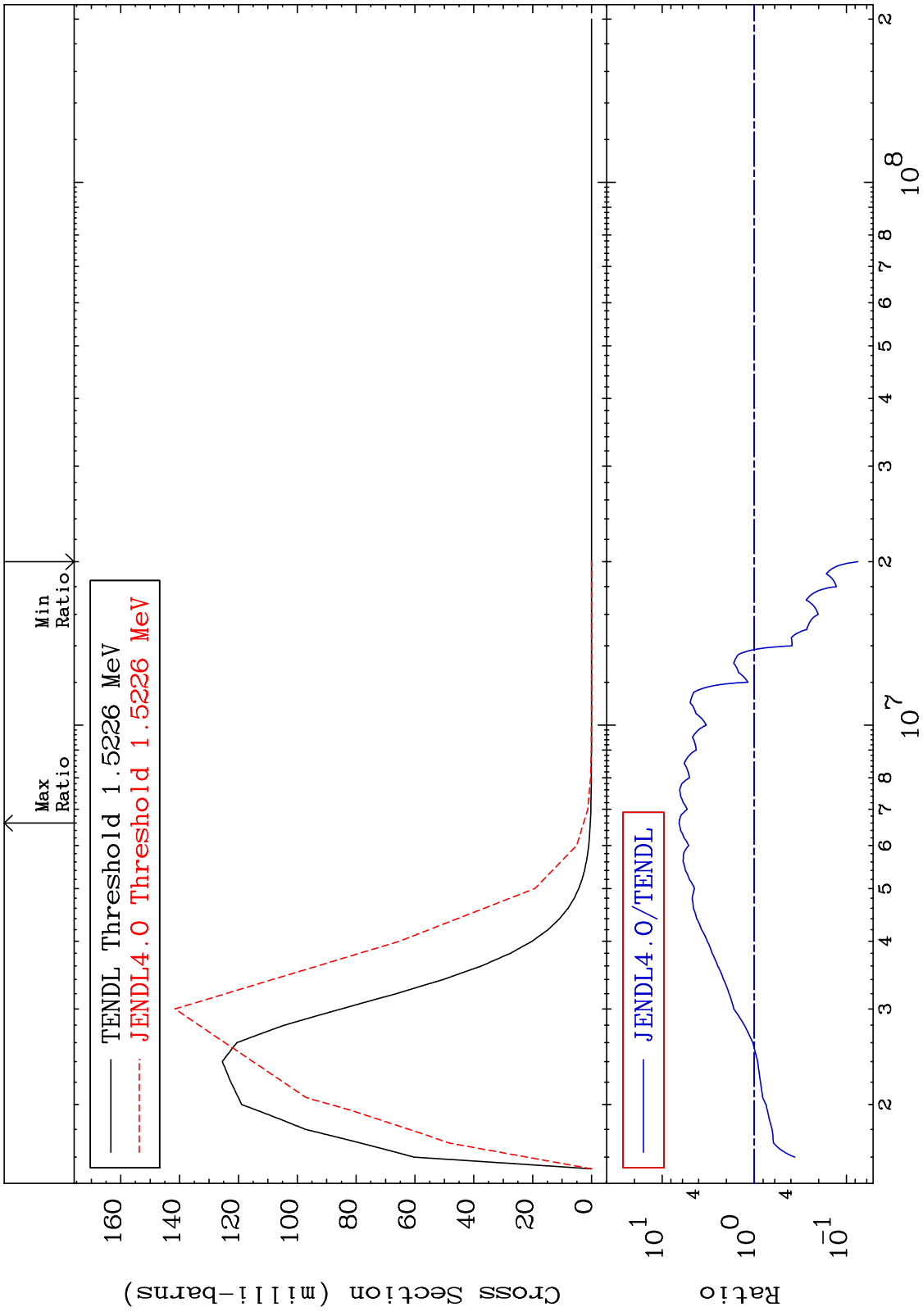


10 56-Ba-132

MAT 5631 MT= 54 (n,n') Level Cross Section 56-Ba-132 -92.54 To 596.7 %



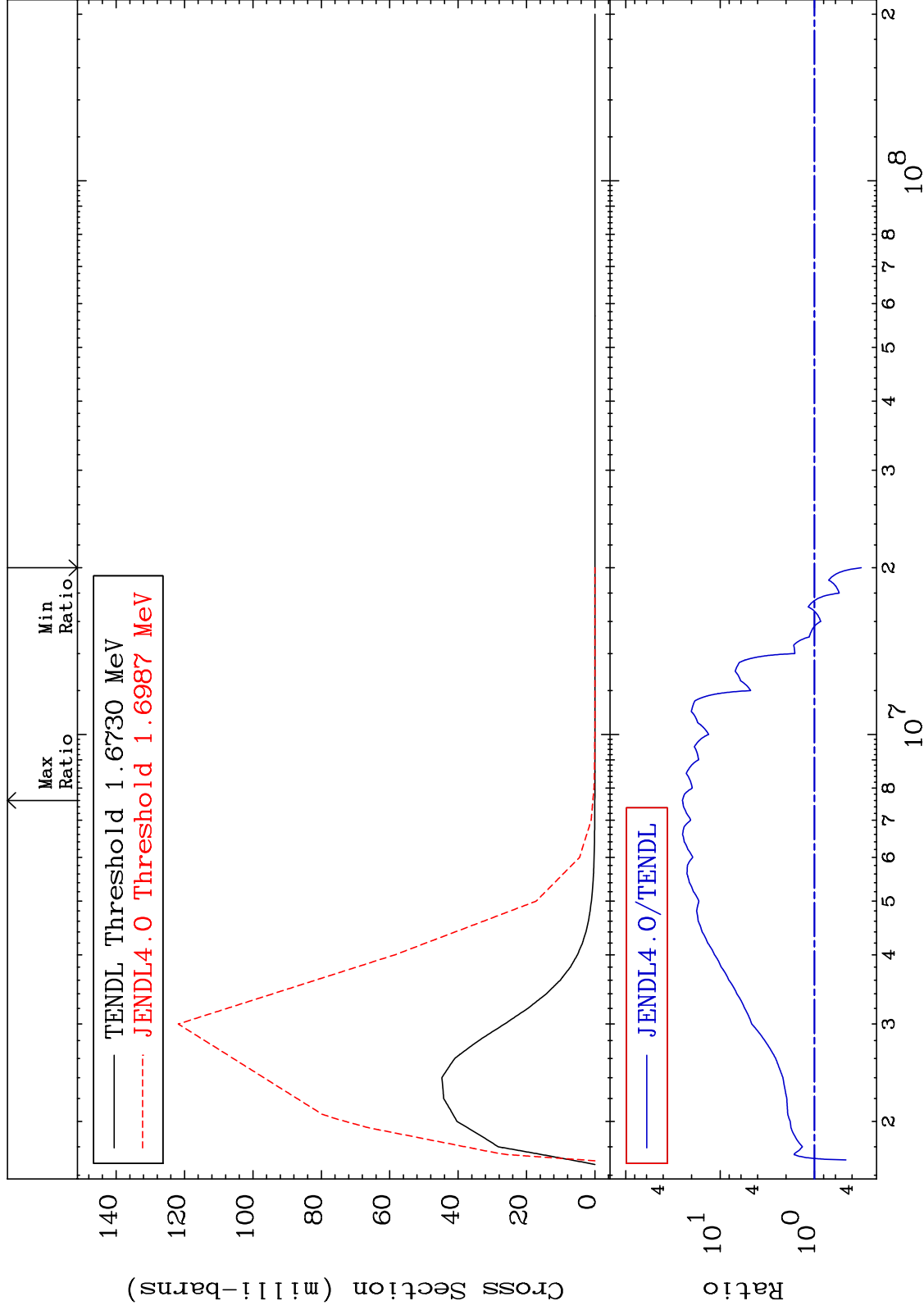
MAT 5631 MT= 55 (n,n') Level Cross Section 56-Ba-132 -92.50 To 554.2 %



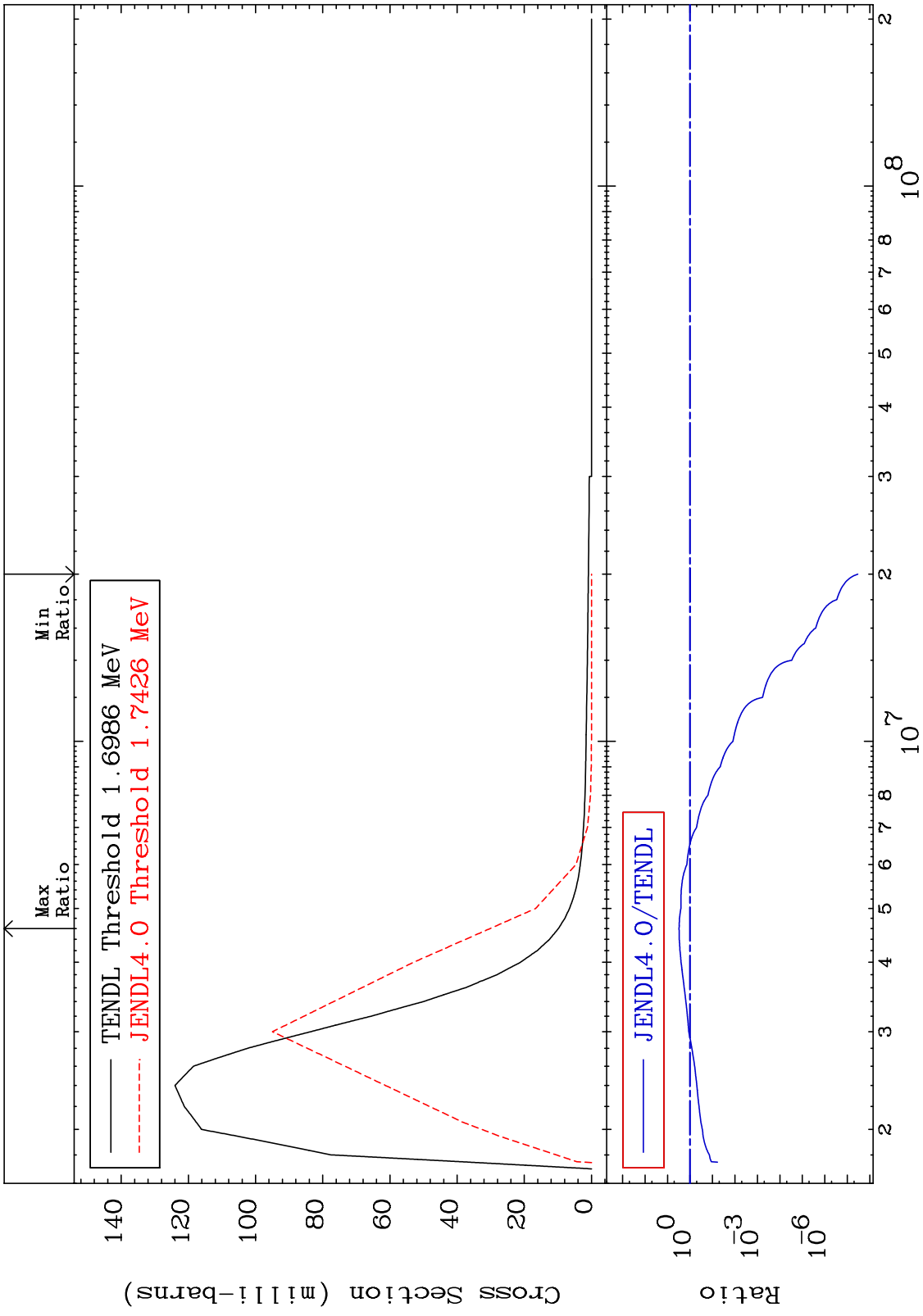
MAT 5631

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

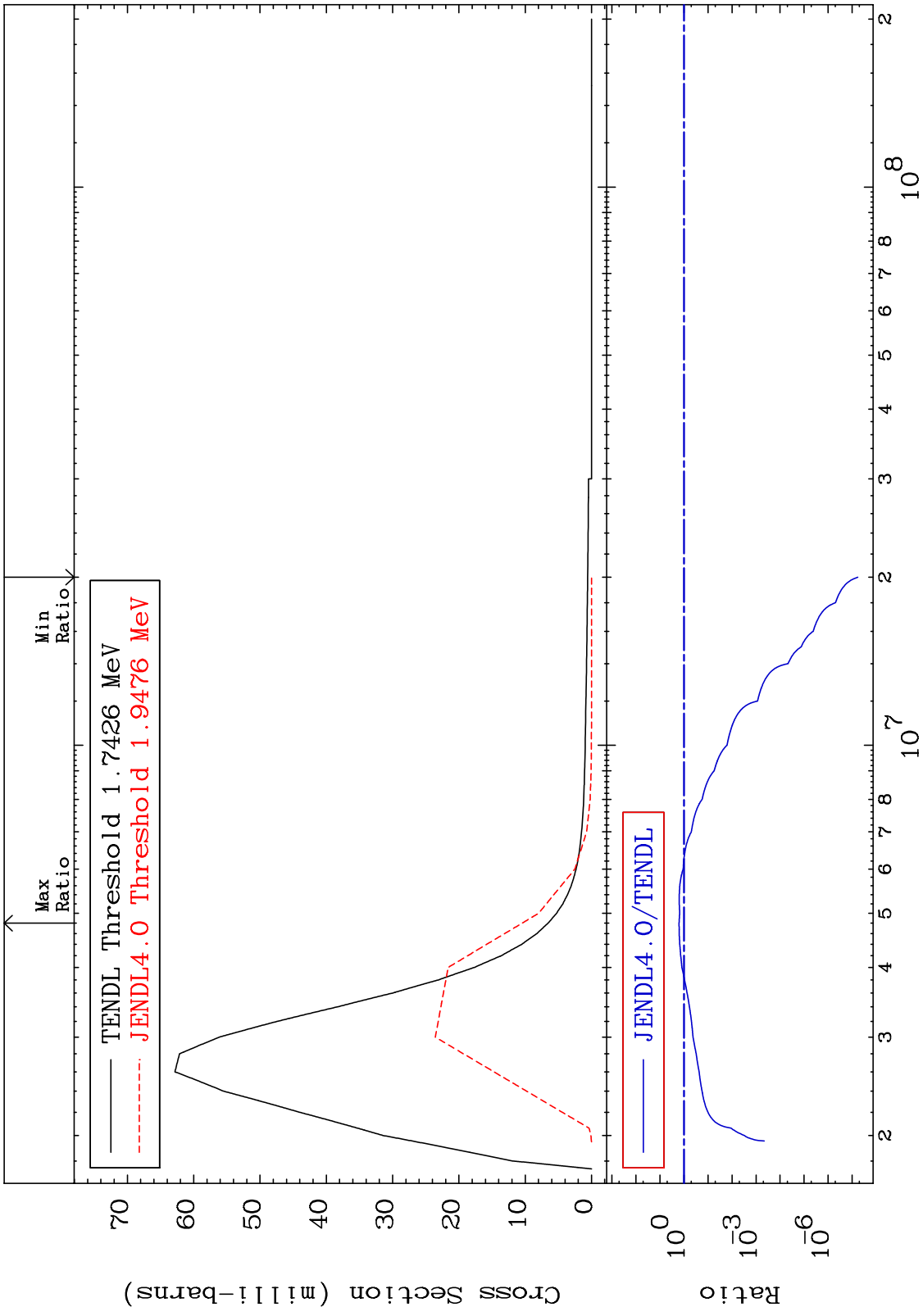
56-Ba-132
-68.01 To 2404. %



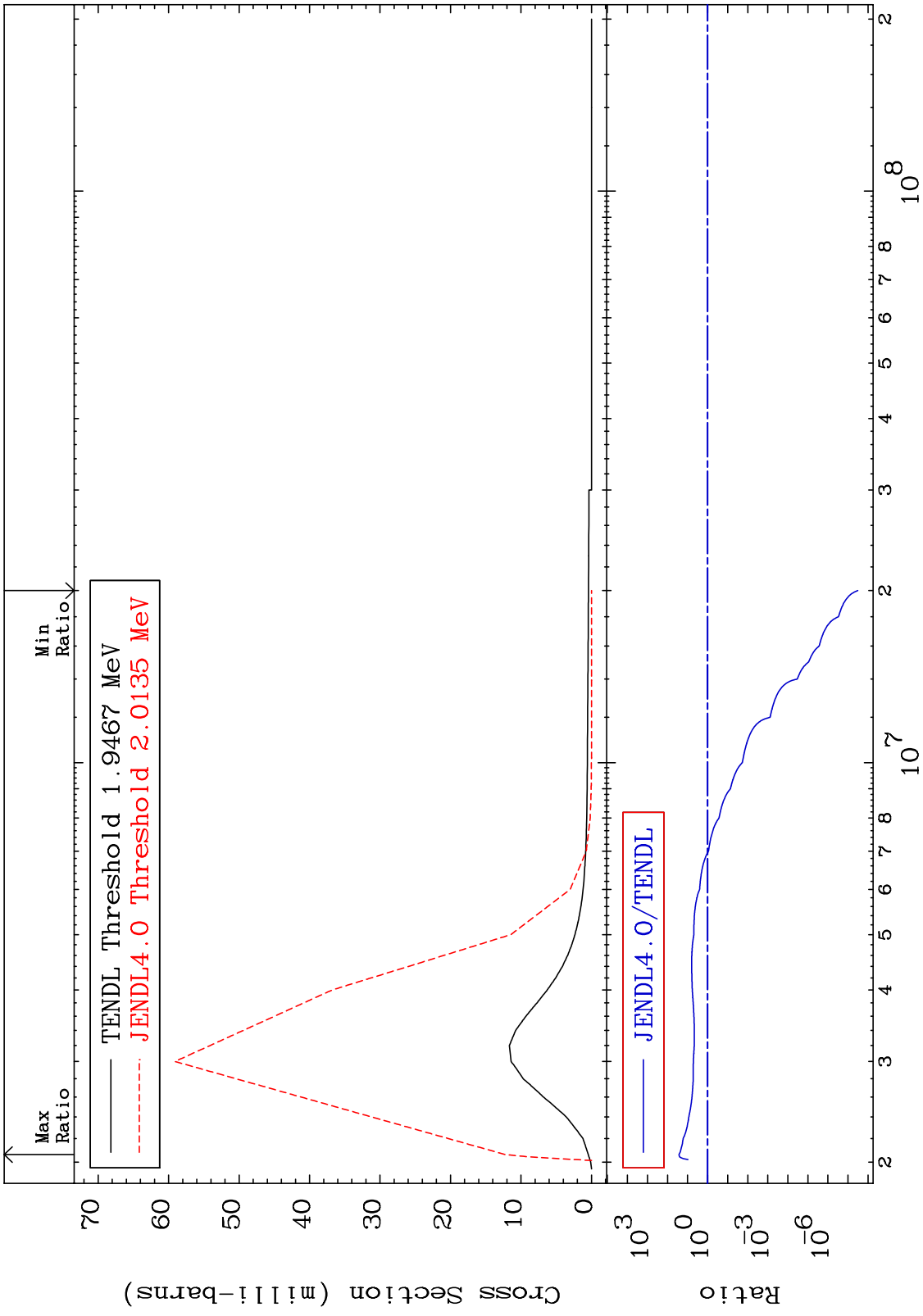
MAT 5631 MT= 57 (n,n') Level Cross Section 56-Ba-132 -100.0 To 206.5 %



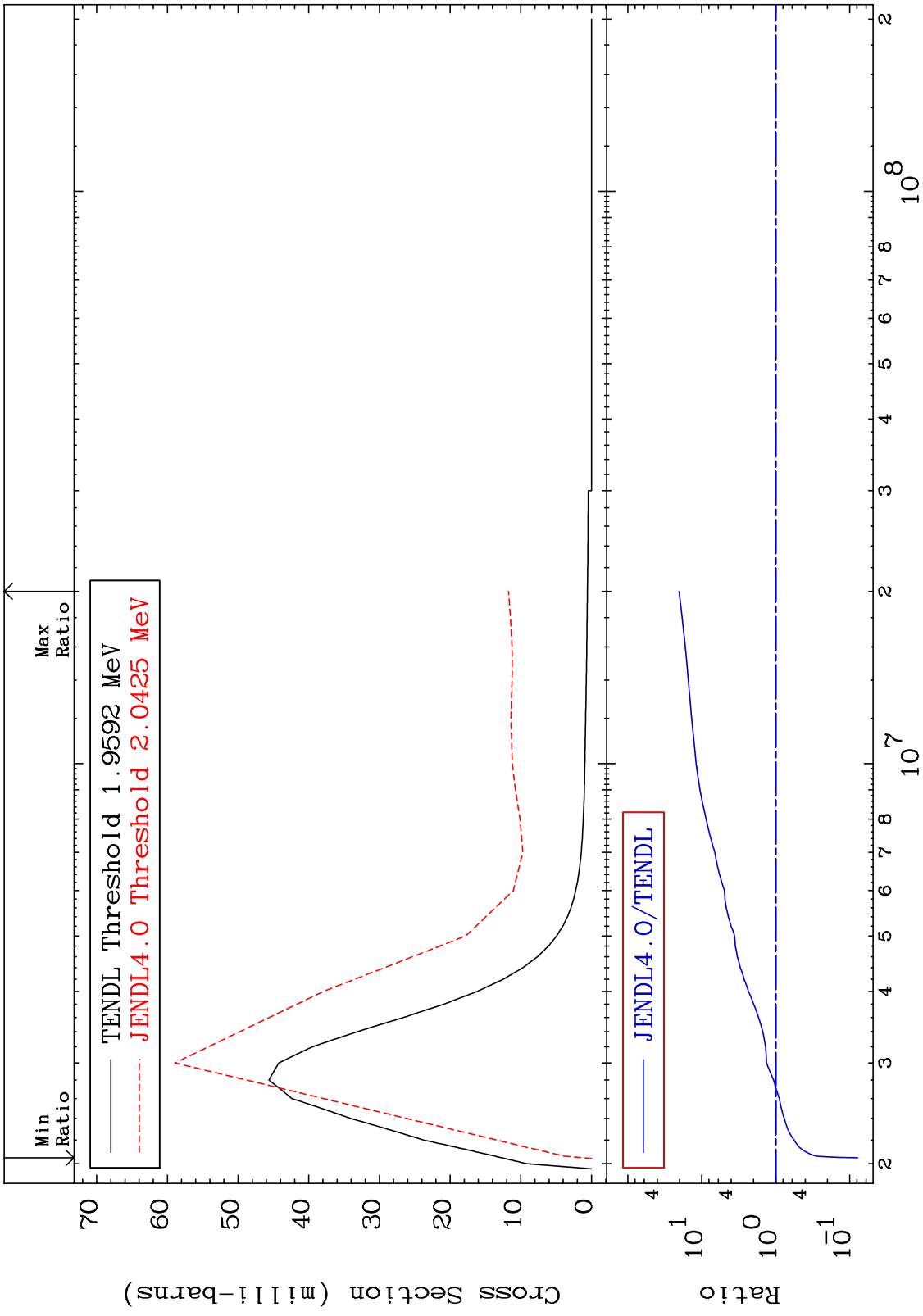
MAT 5631 MT= 58 (n,n') Level Cross Section 56-Ba-132 -100.0 To 60.08 %



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. %



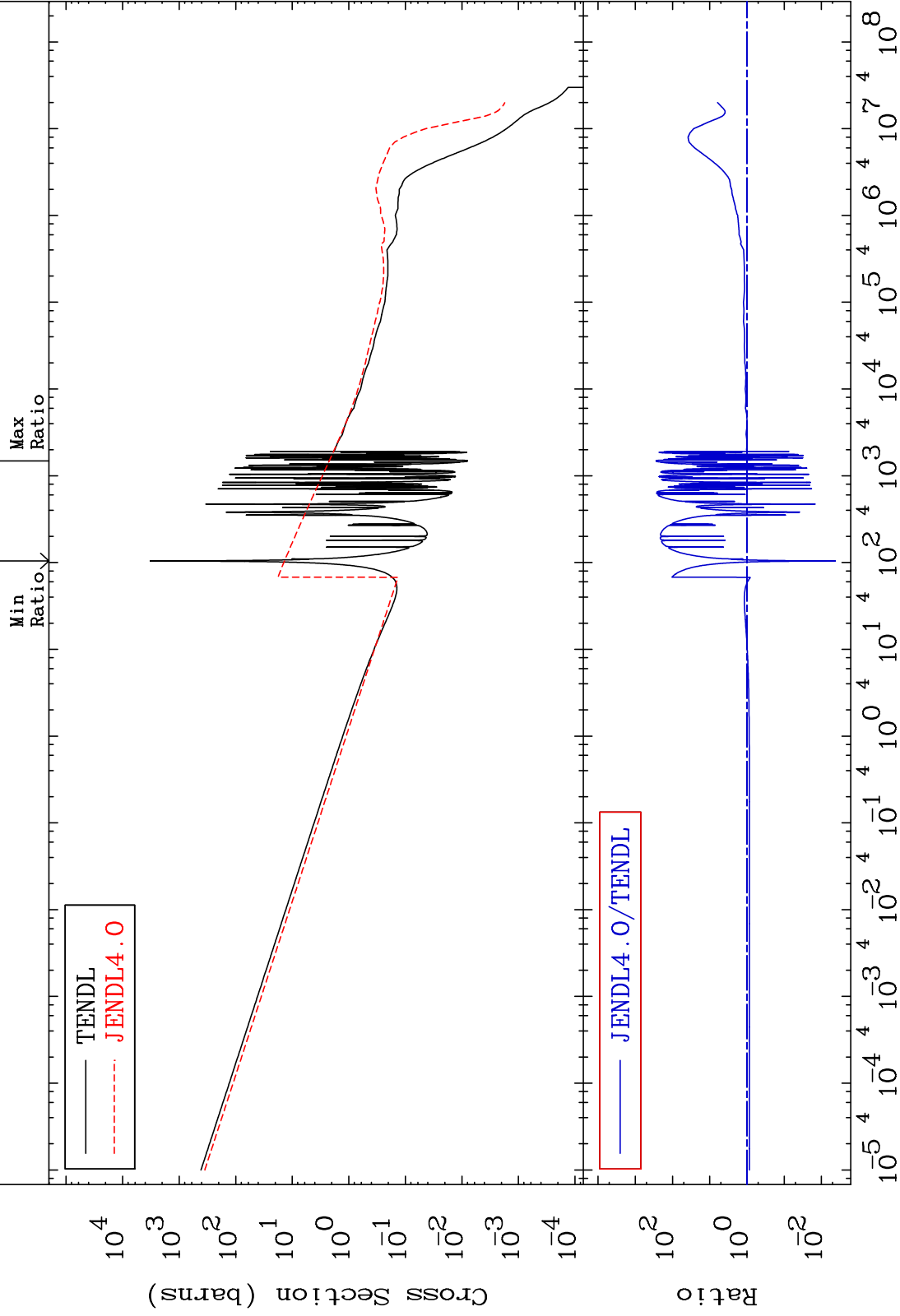
MAT 5631

(n, γ)

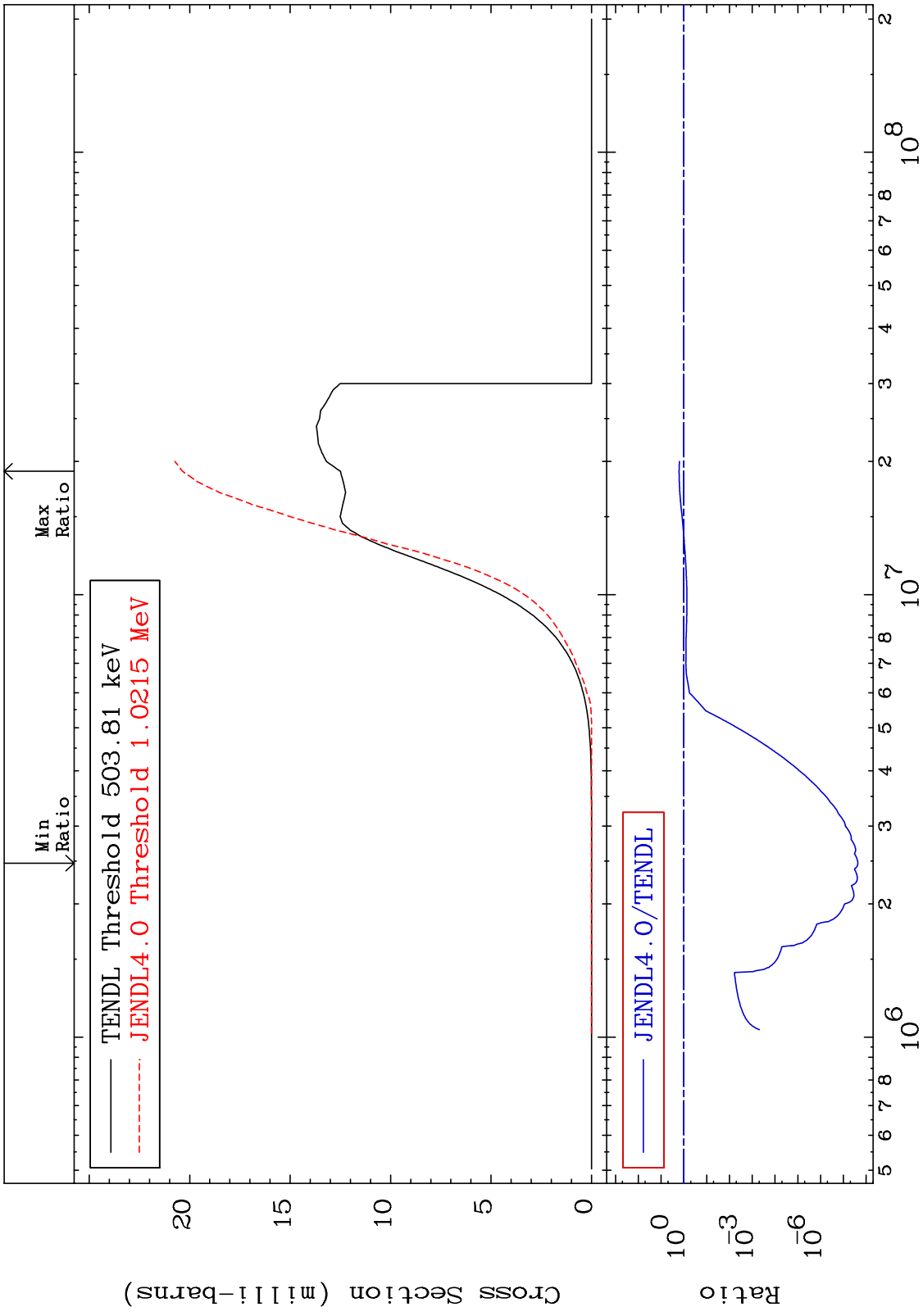
56-Ba-132

-99.58 To 9999. %

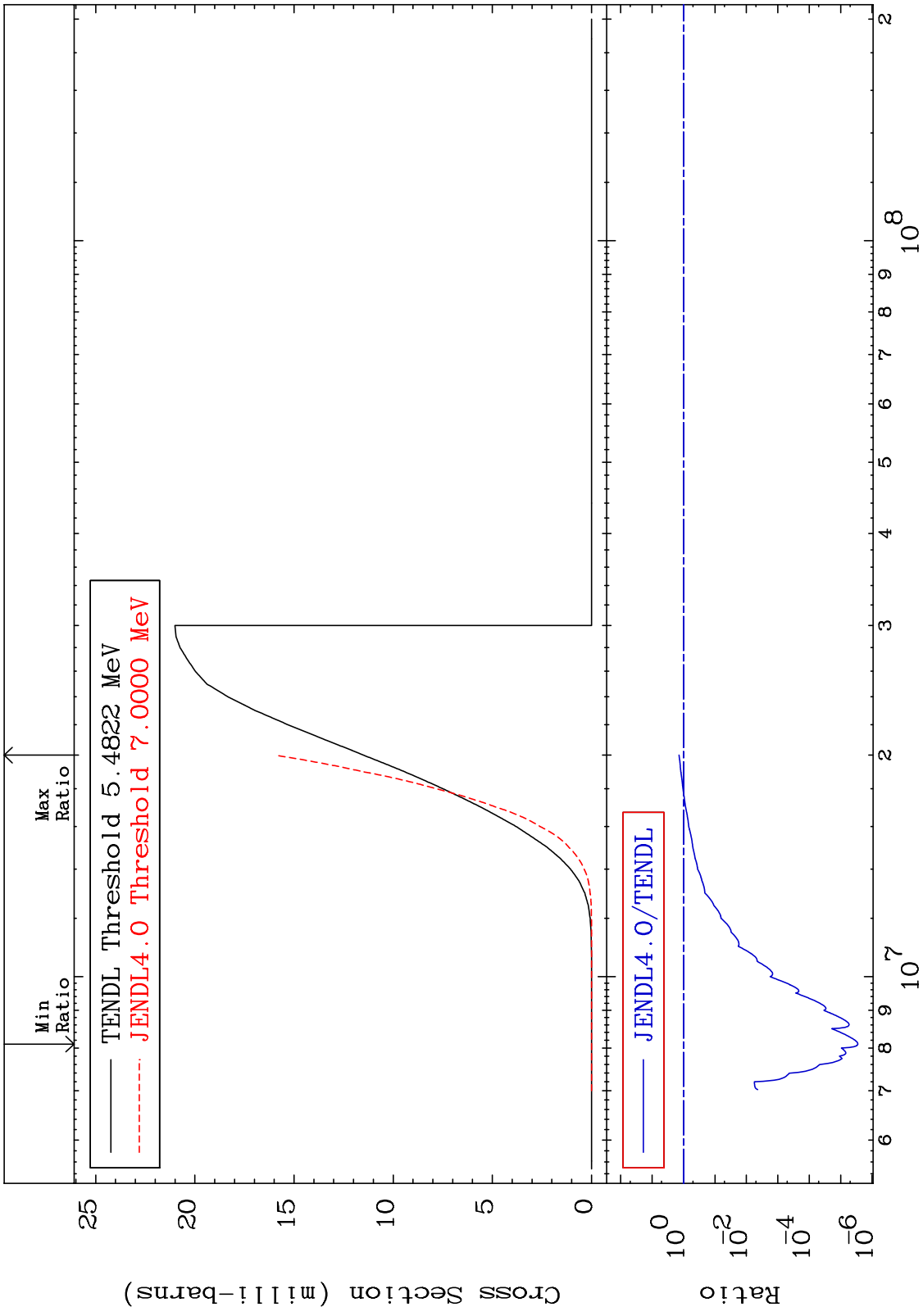
Cross Section



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



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



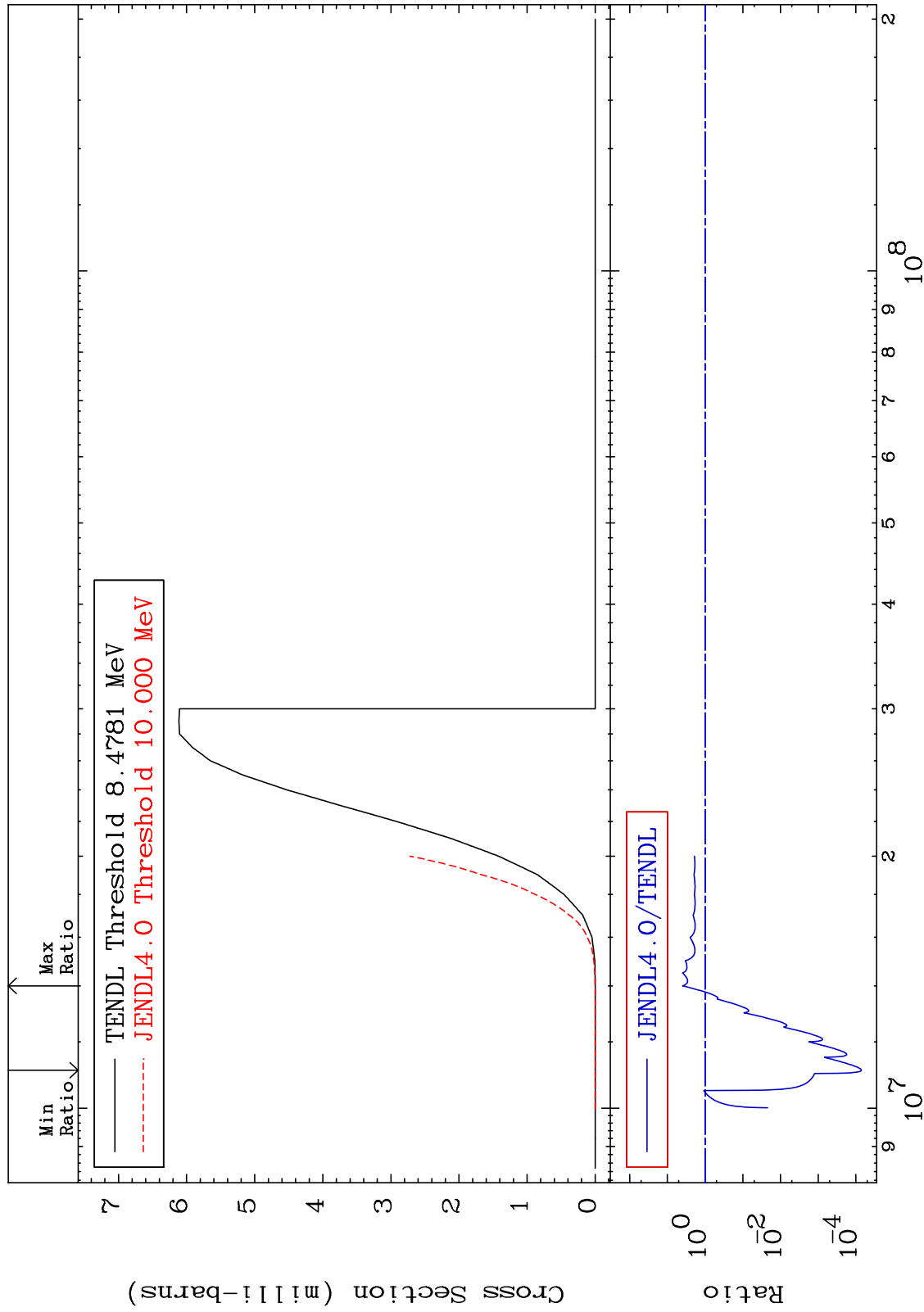
MAT 5631

(n,t)

56-Ba-132

Cross Section

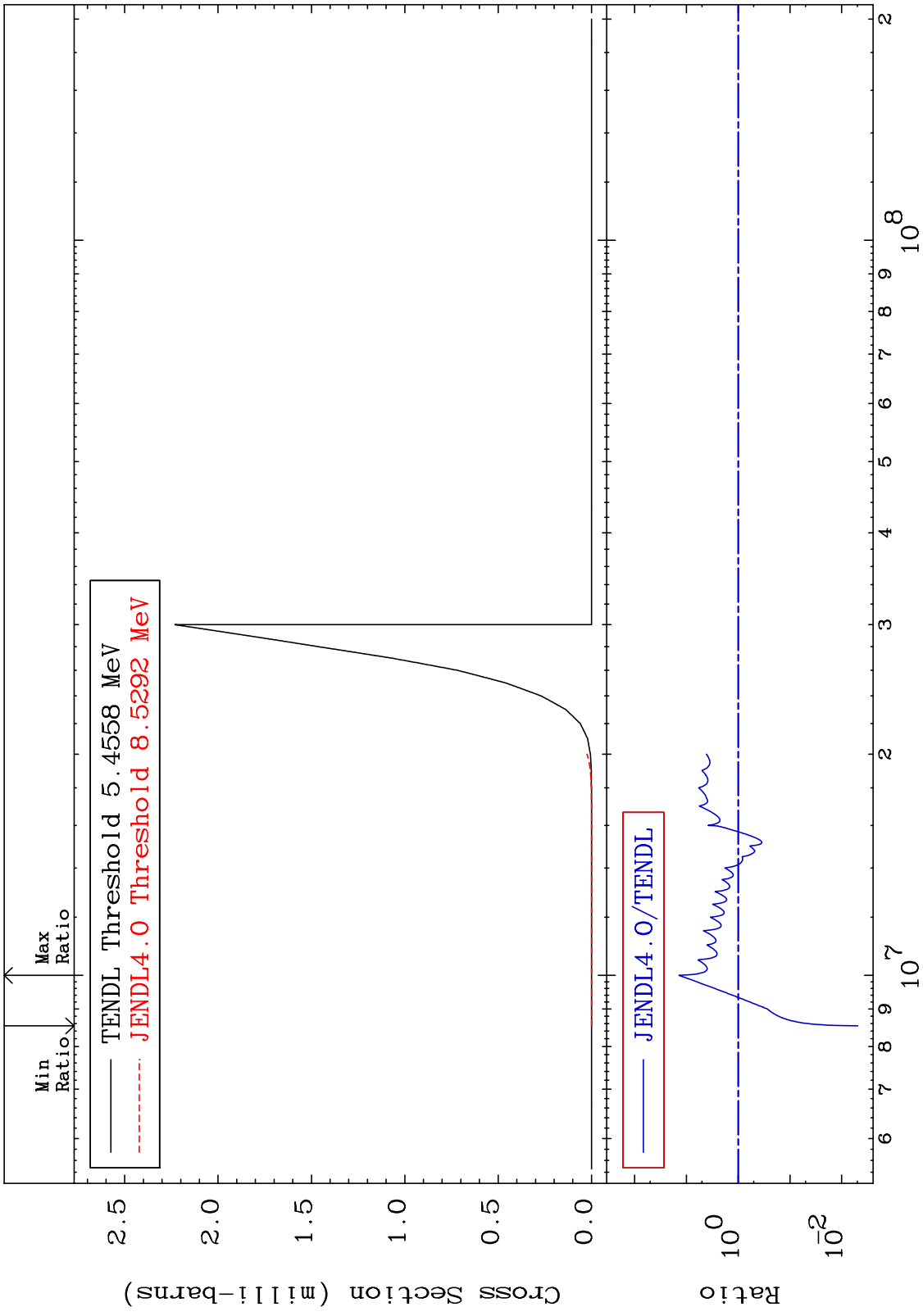
-99.99 To 293.9 %



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Incident Energy (eV)

56-Ba-132



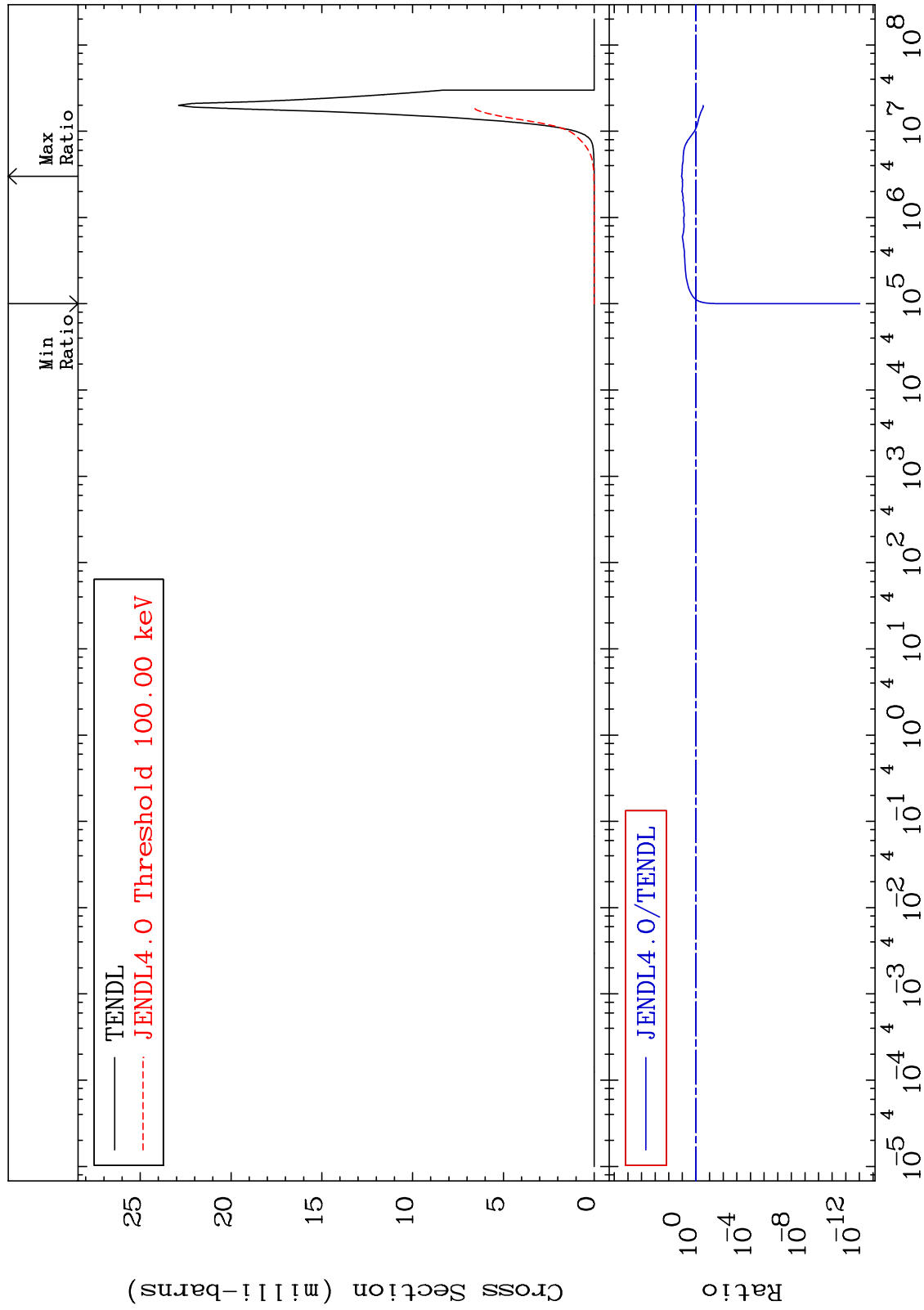
MAT 5631

(n, α)

56-Ba-132

Cross Section

-100.0 To 1066. %



24

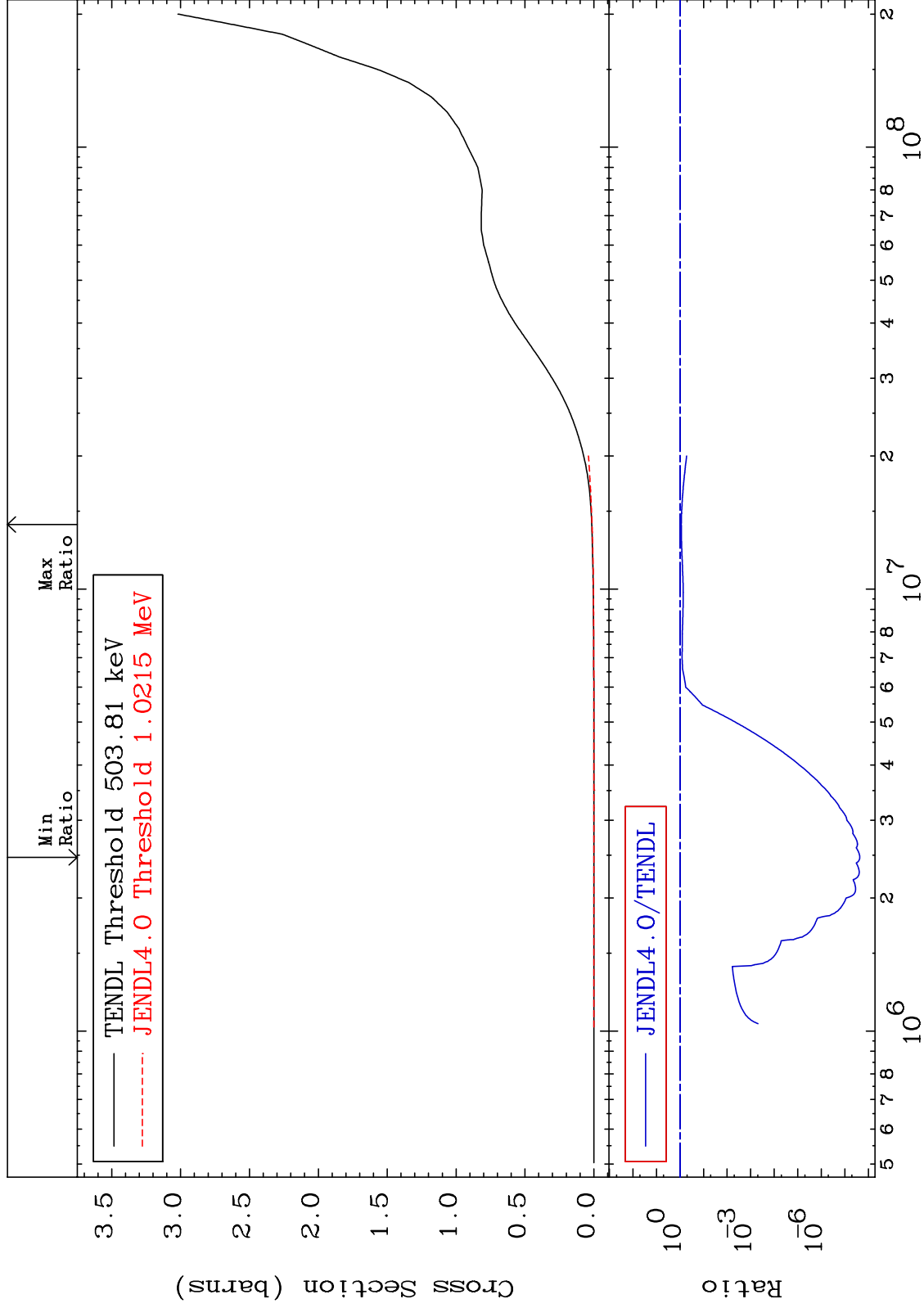
Incident Energy (eV)

56-Ba-132

MAT 5631

Hydrogen Production
Cross Section

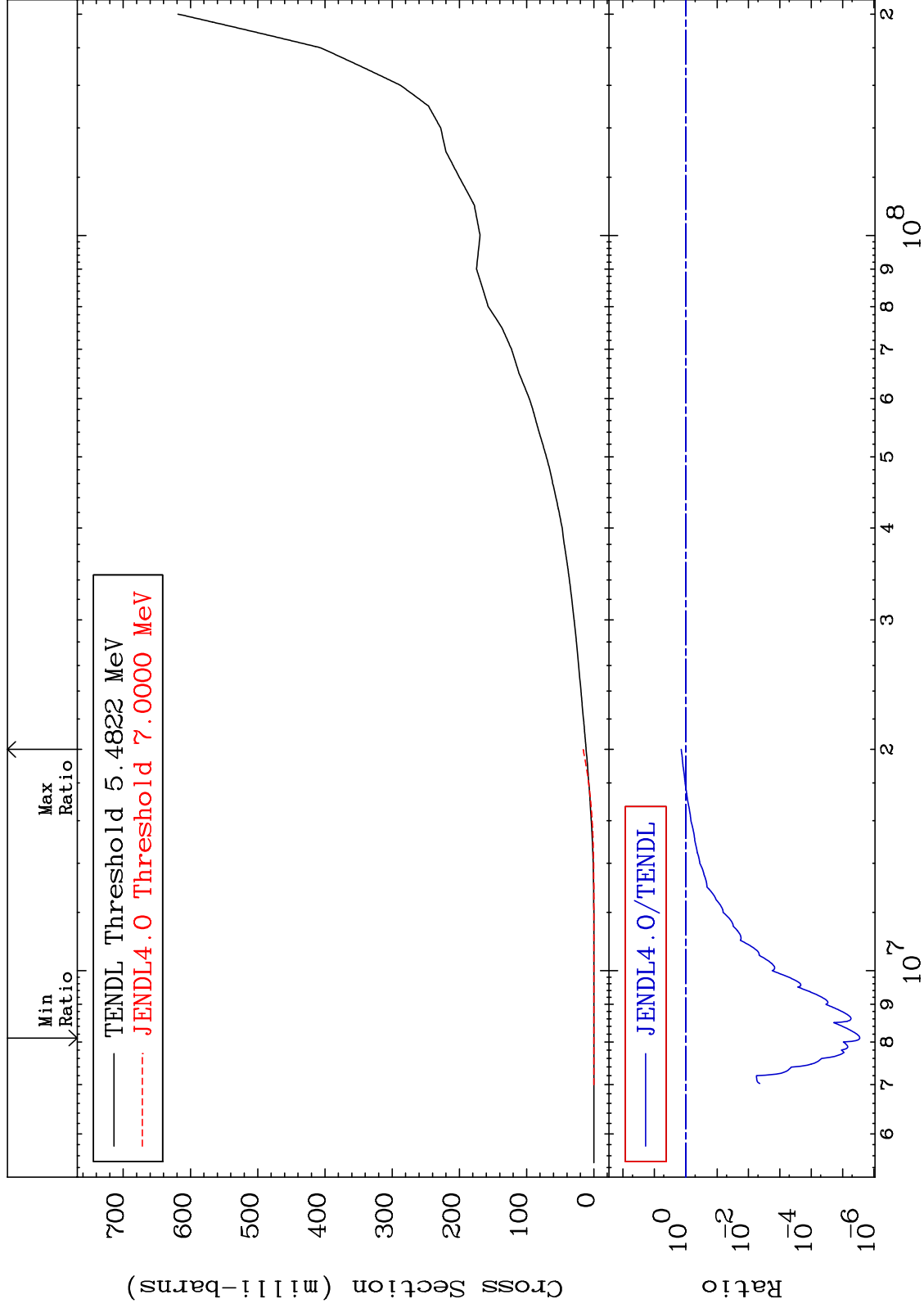
56-Ba-132
-100.0 To -11.31%



MAT 5631

Deuterium Production
Cross Section

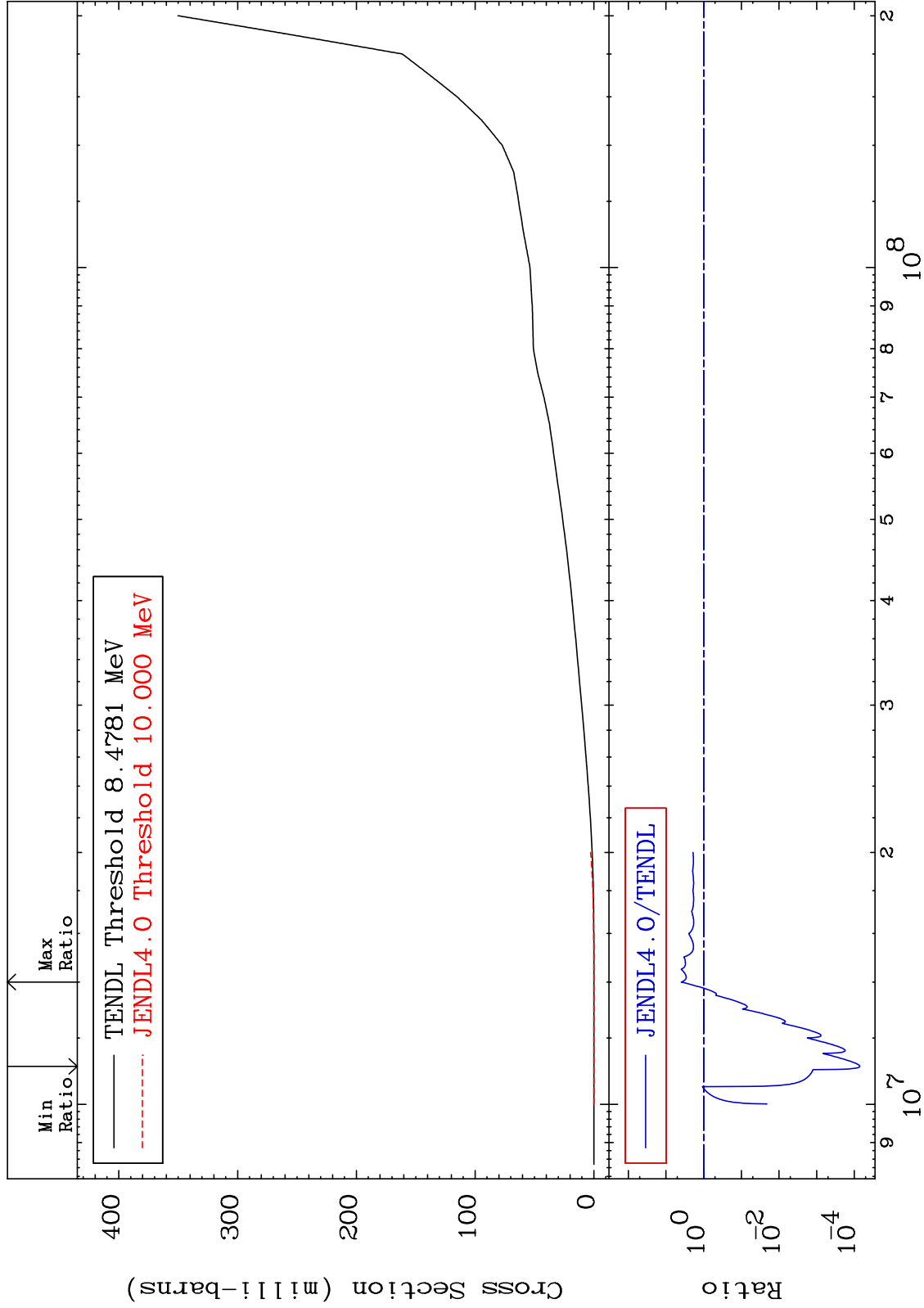
56-Ba-132
-100.0 To 38.88 %



MAT 5631

Tritium Production
Cross Section

56-Ba-132
-99.99 To 293.9 %



27

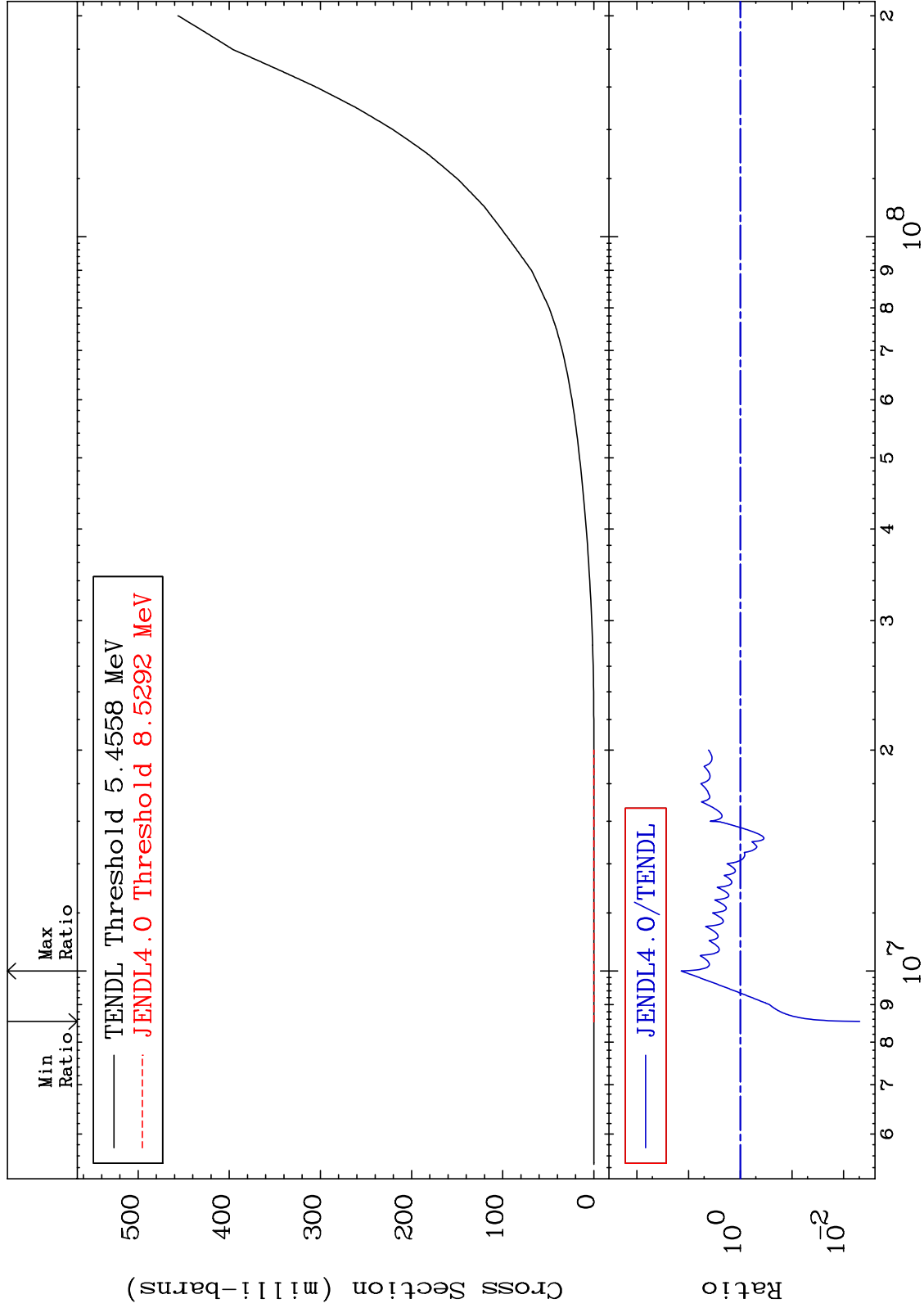
Incident Energy (eV)

56-Ba-132

MAT 5631

He-3 Production
Cross Section

56-Ba-132
-99.51 To 1285. %



28

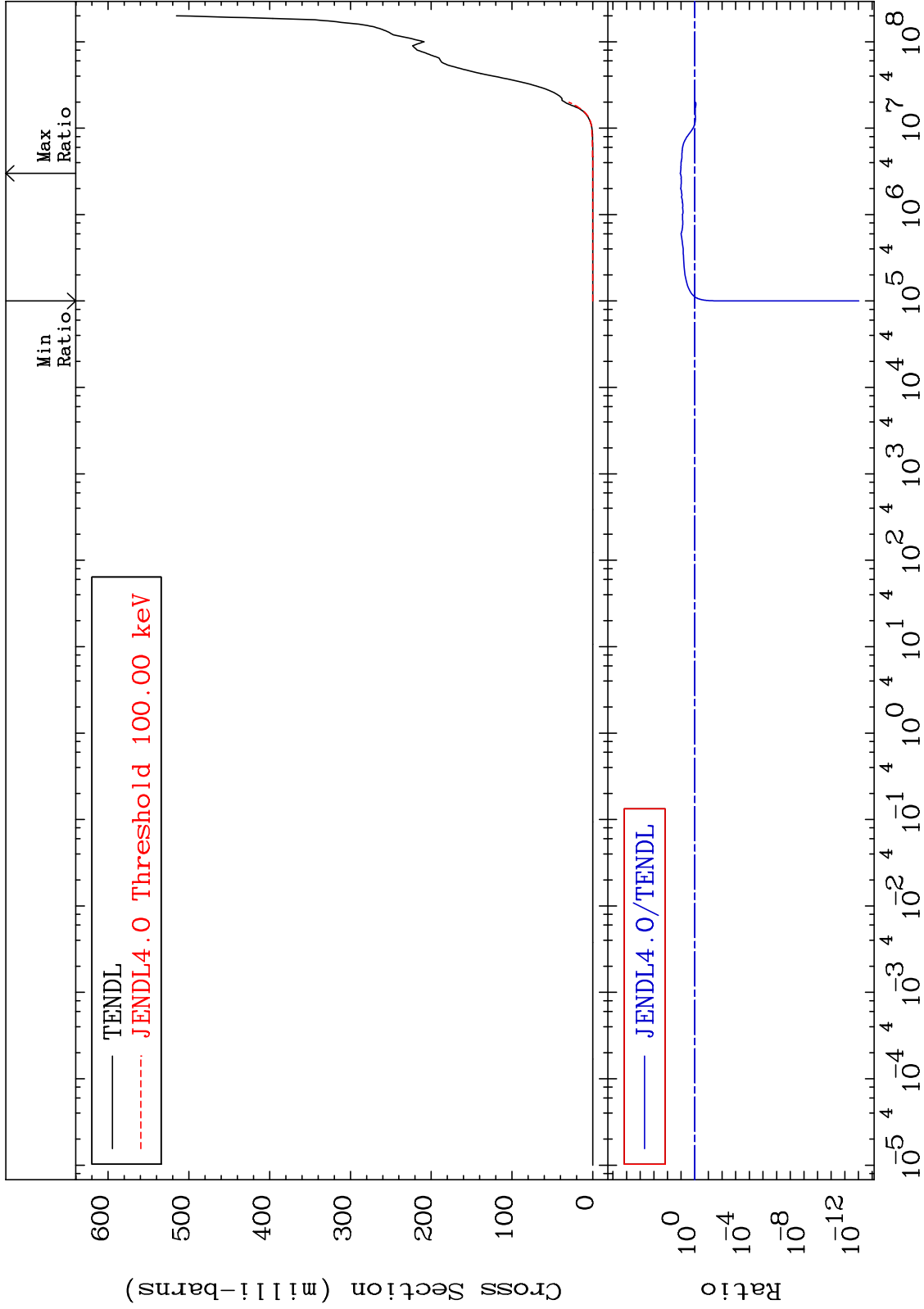
Incident Energy (eV)

56-Ba-132

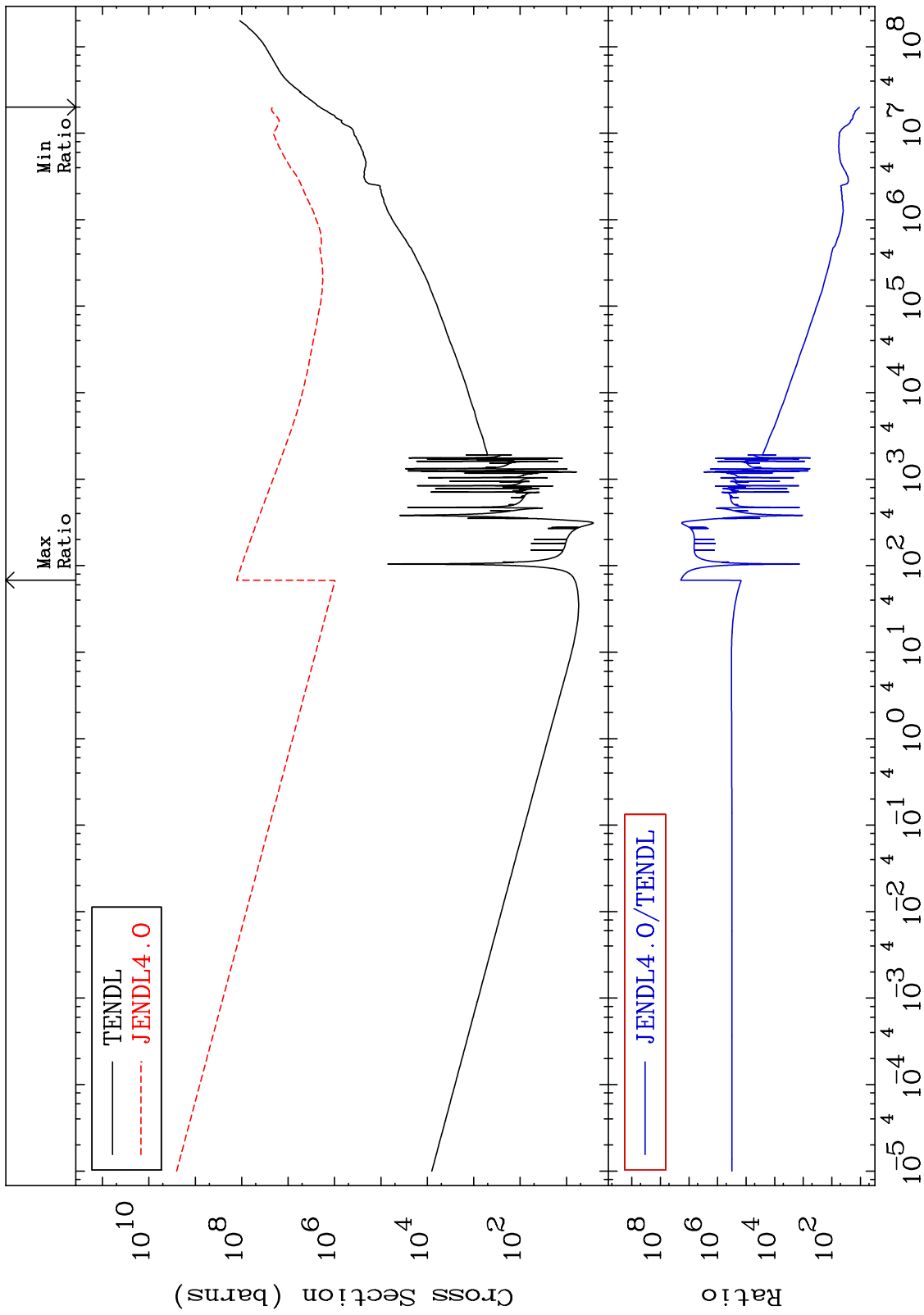
MAT 5631

He-4 Production
Cross Section

56-Ba-132
-100.0 To 1066. %



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



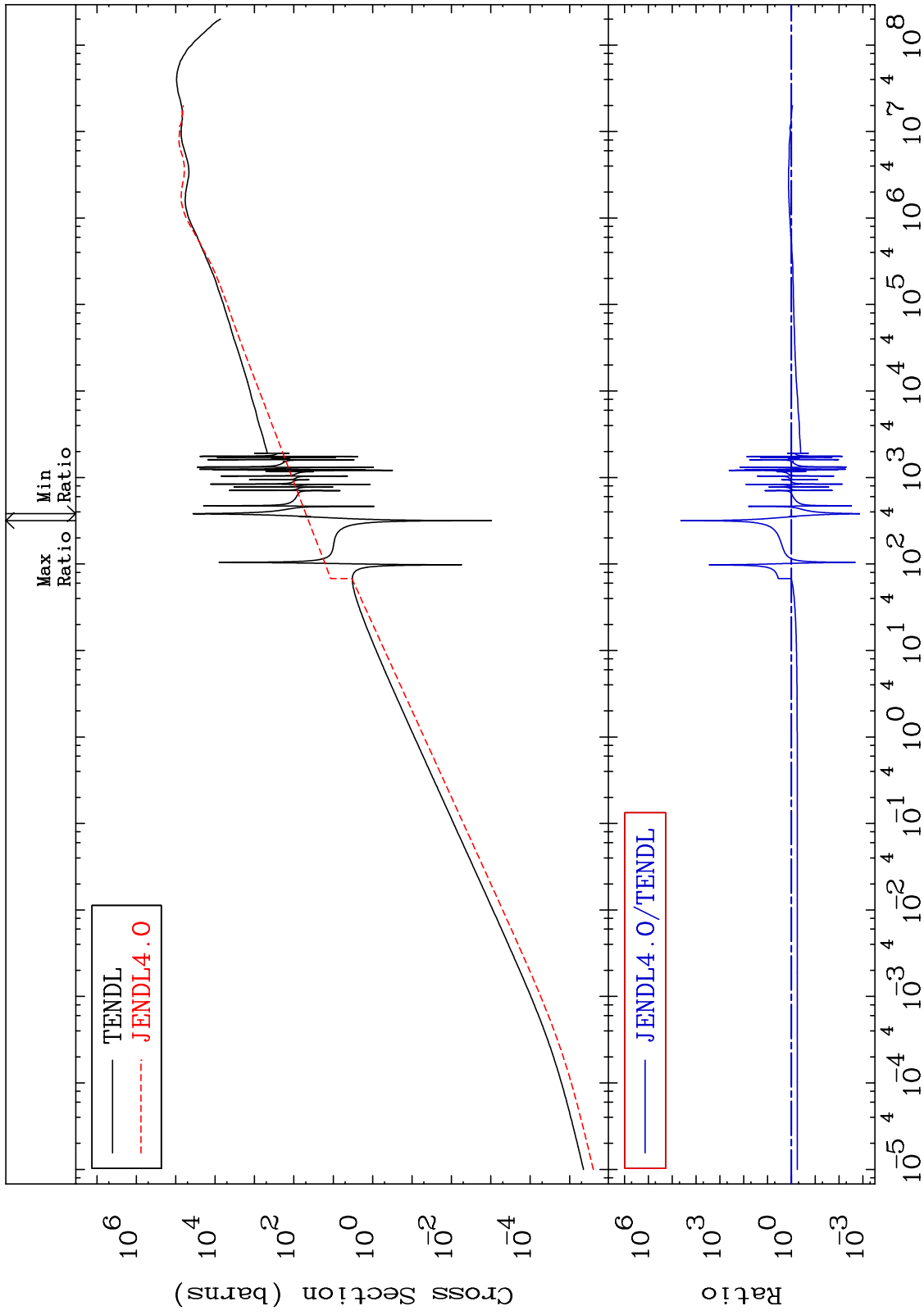
56-Ba-132

Incident Energy (eV)

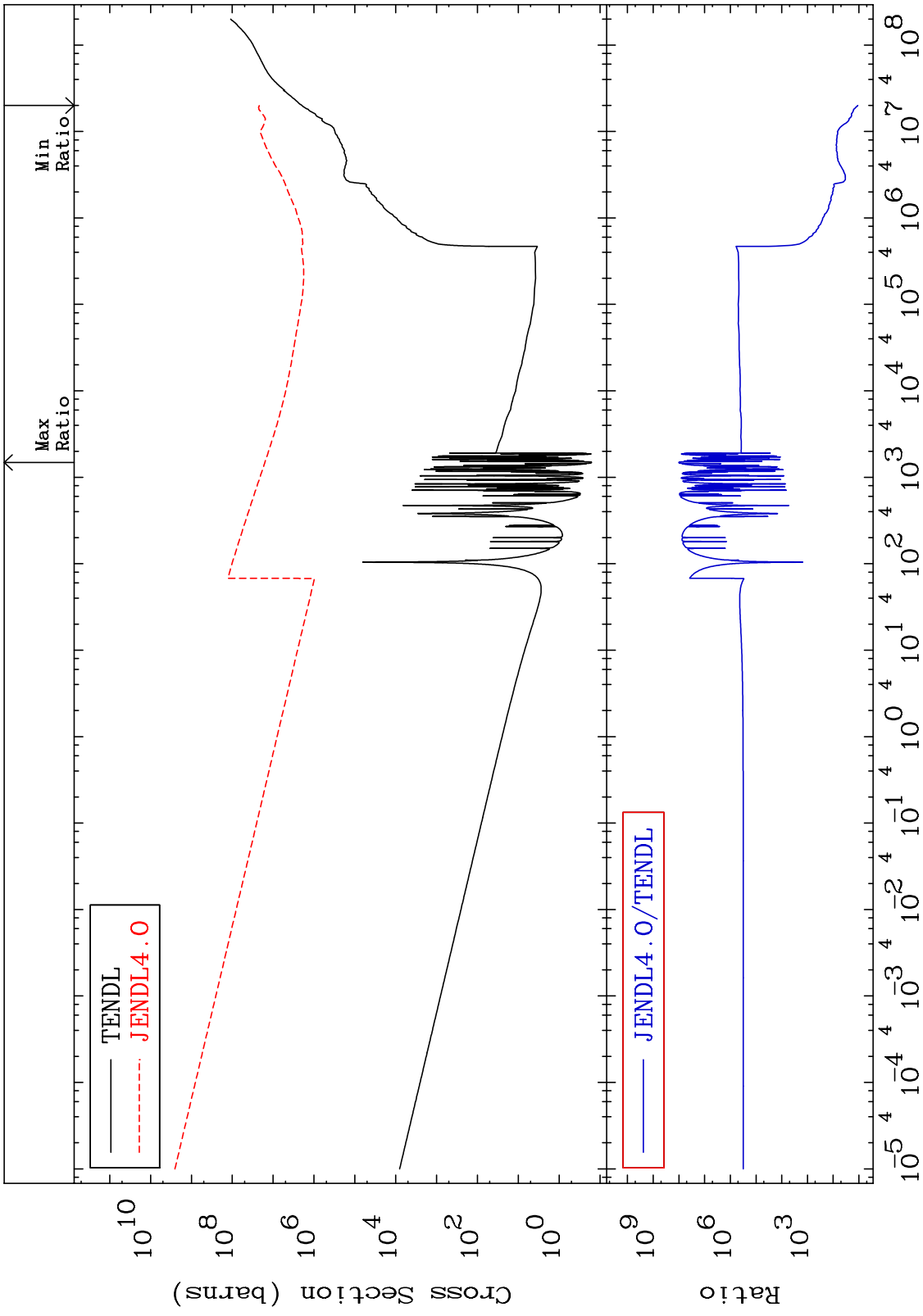
MAT 5631

Kerma elastic
Cross Section

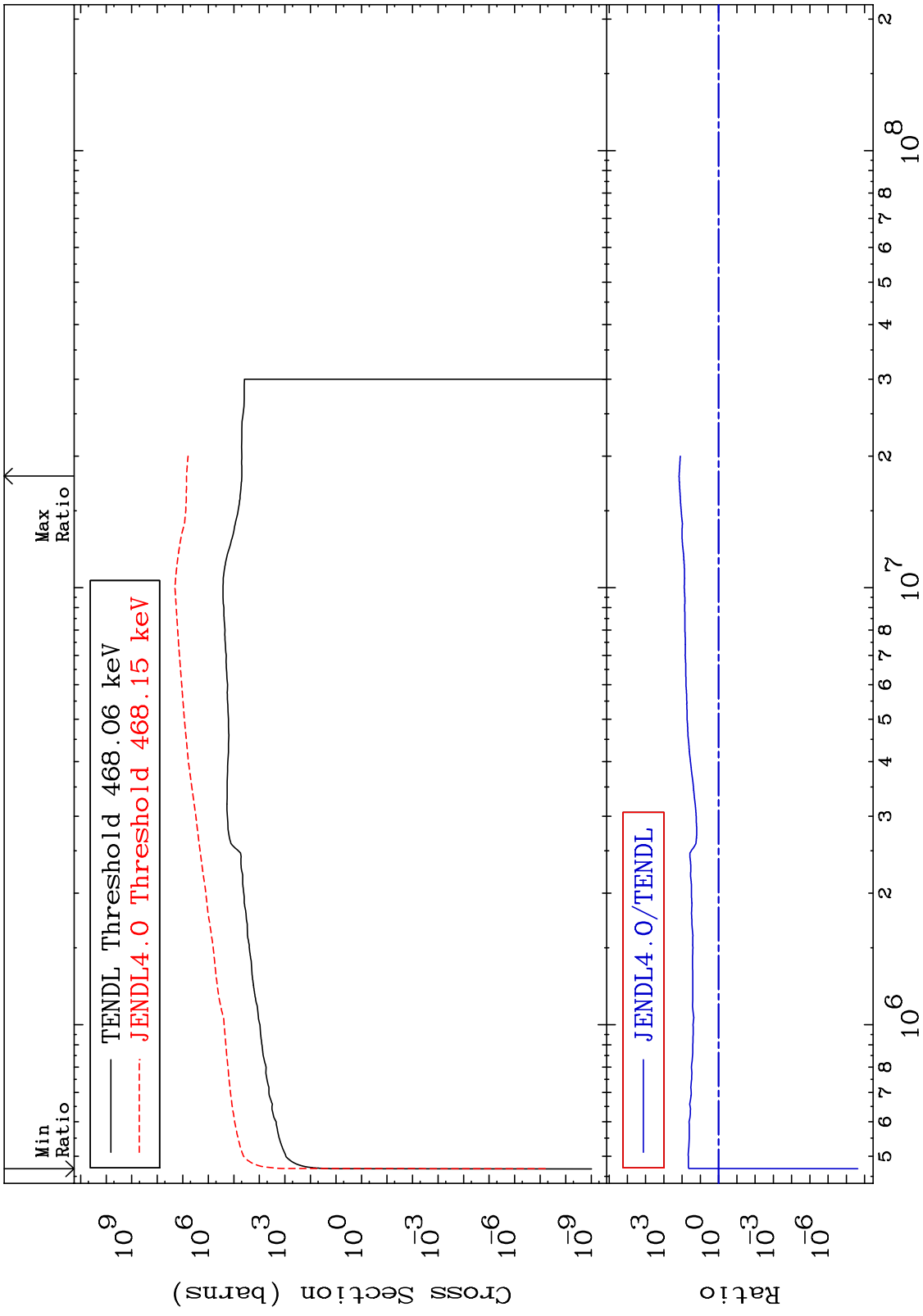
56-Ba-132
-99.86 To 9999. %



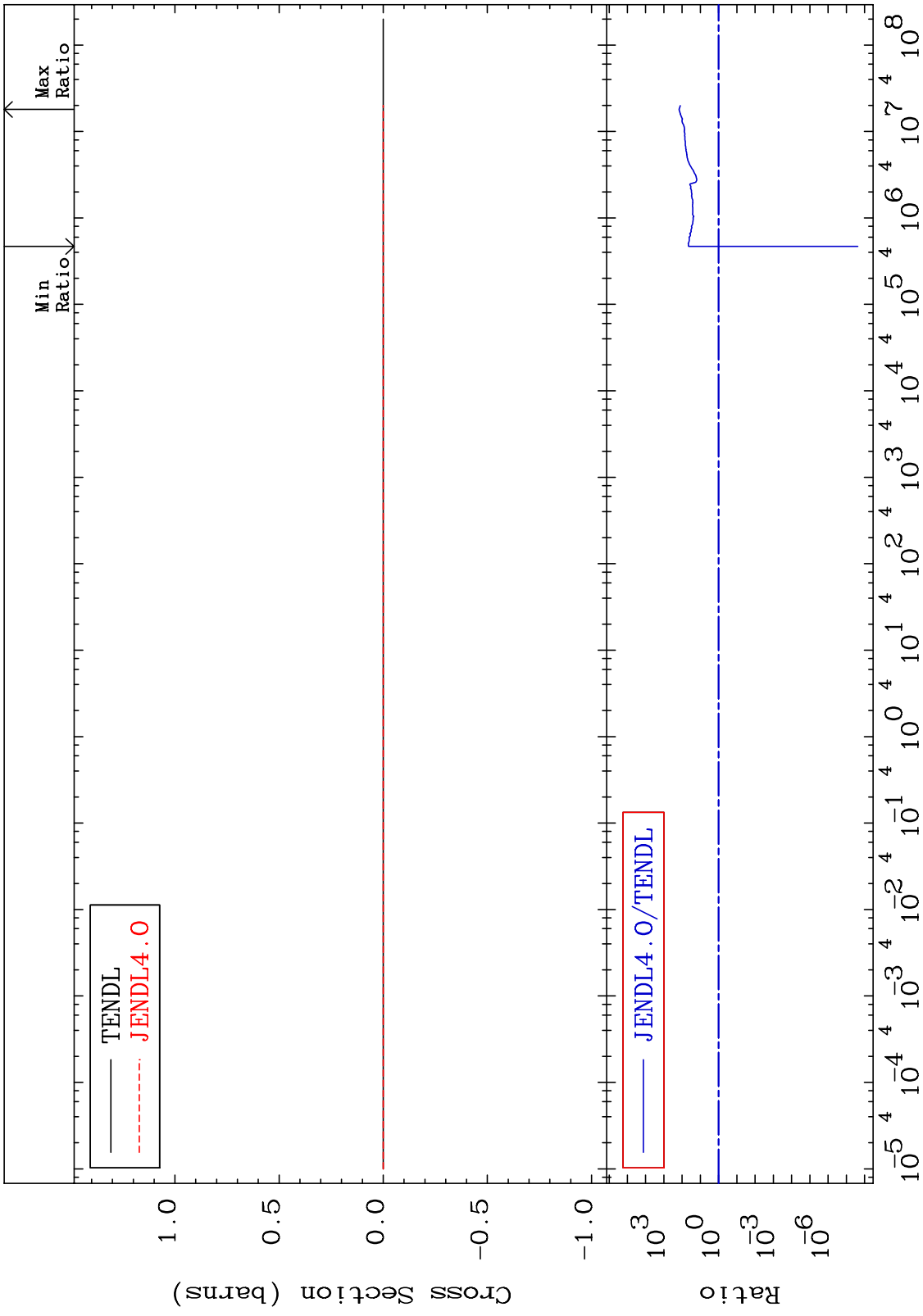
MAT 5631 Kerma non-elastic (all but mt2) 56-Ba-132
 Cross Section 1000. To 9999. %



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



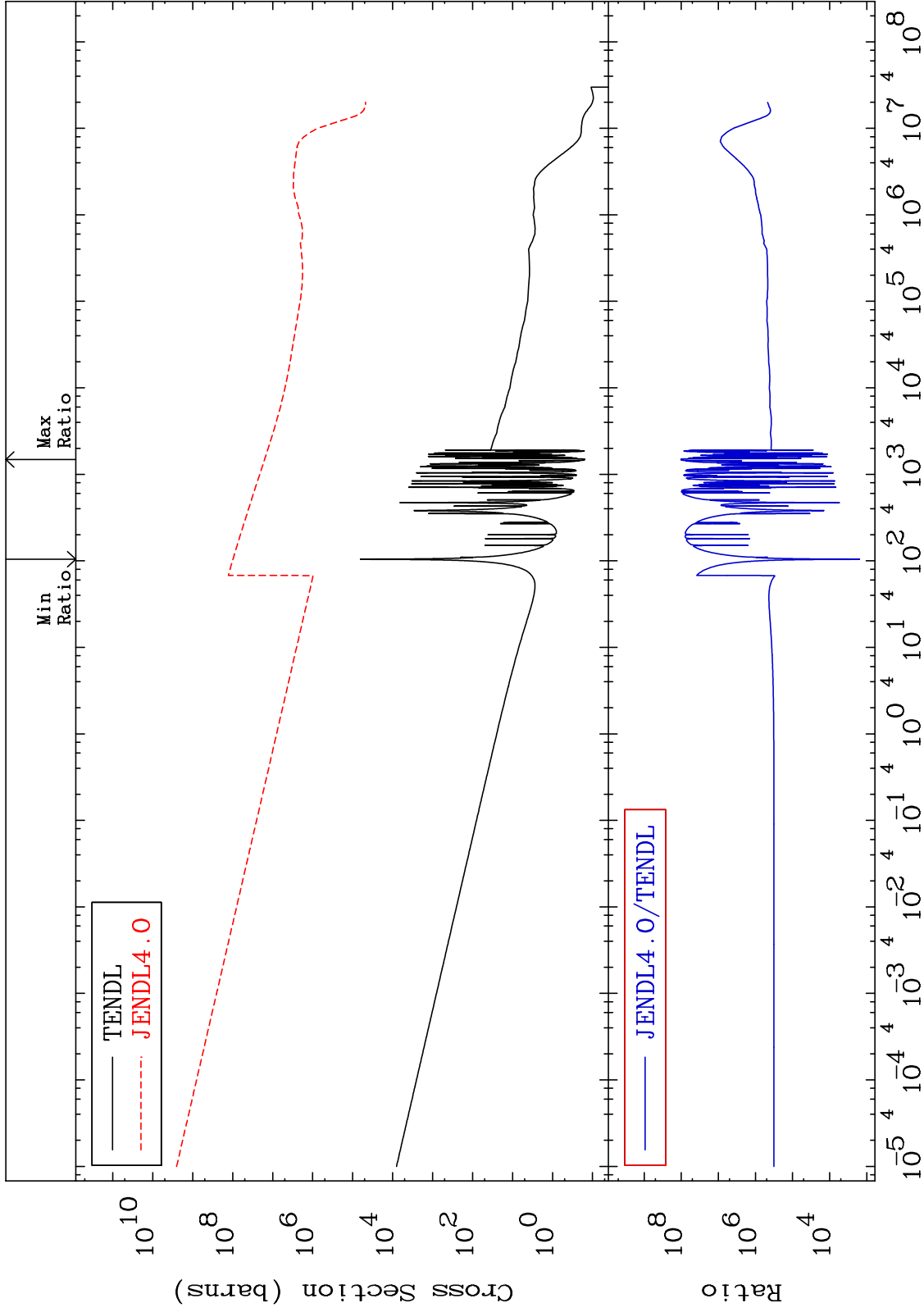
MAT 5631 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-132
 Cross Section -100.0 To 9999. %



MAT 5631

Kerma capture (mt102)
Cross Section

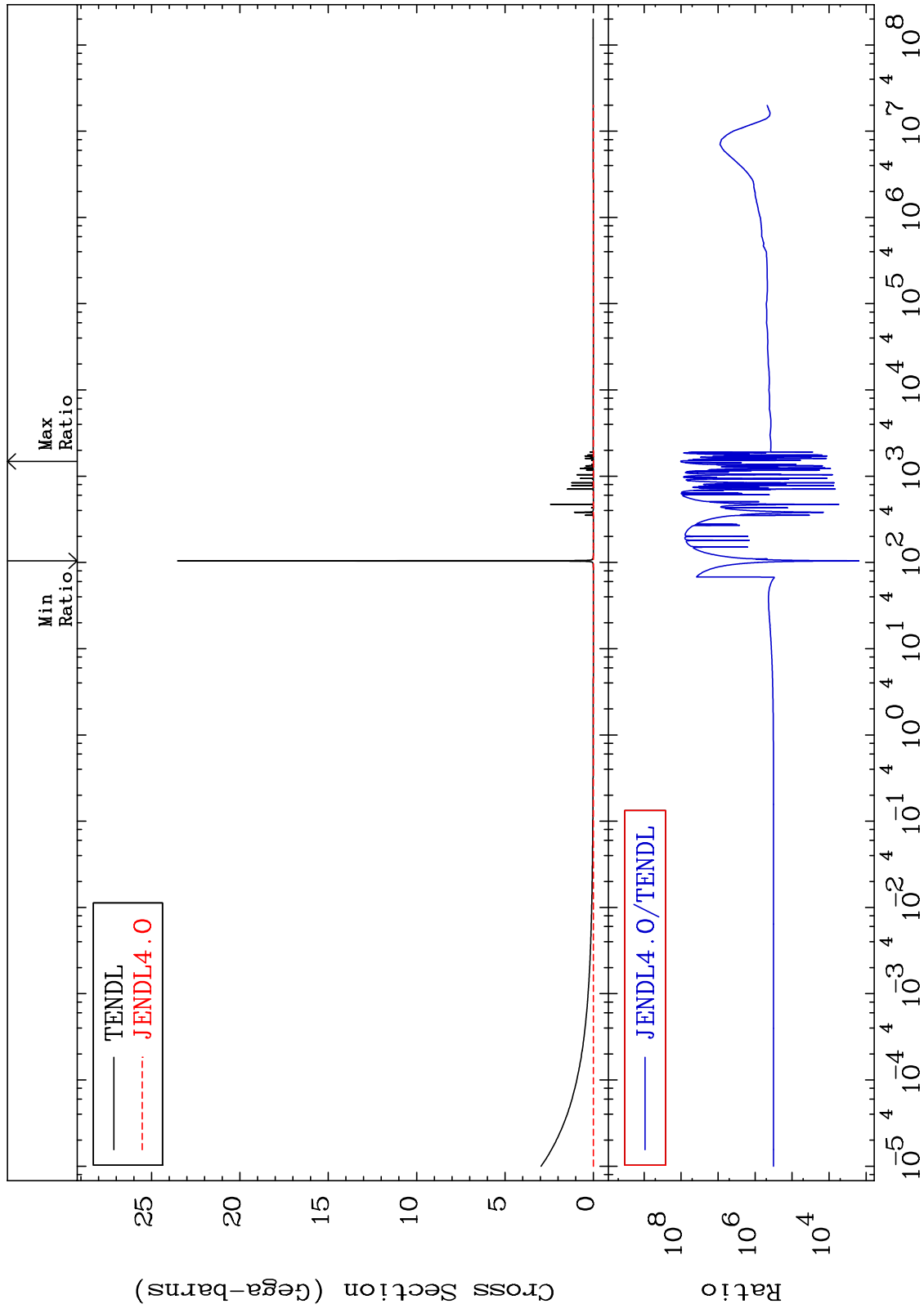
56-Ba-132
9999. To 9999. %



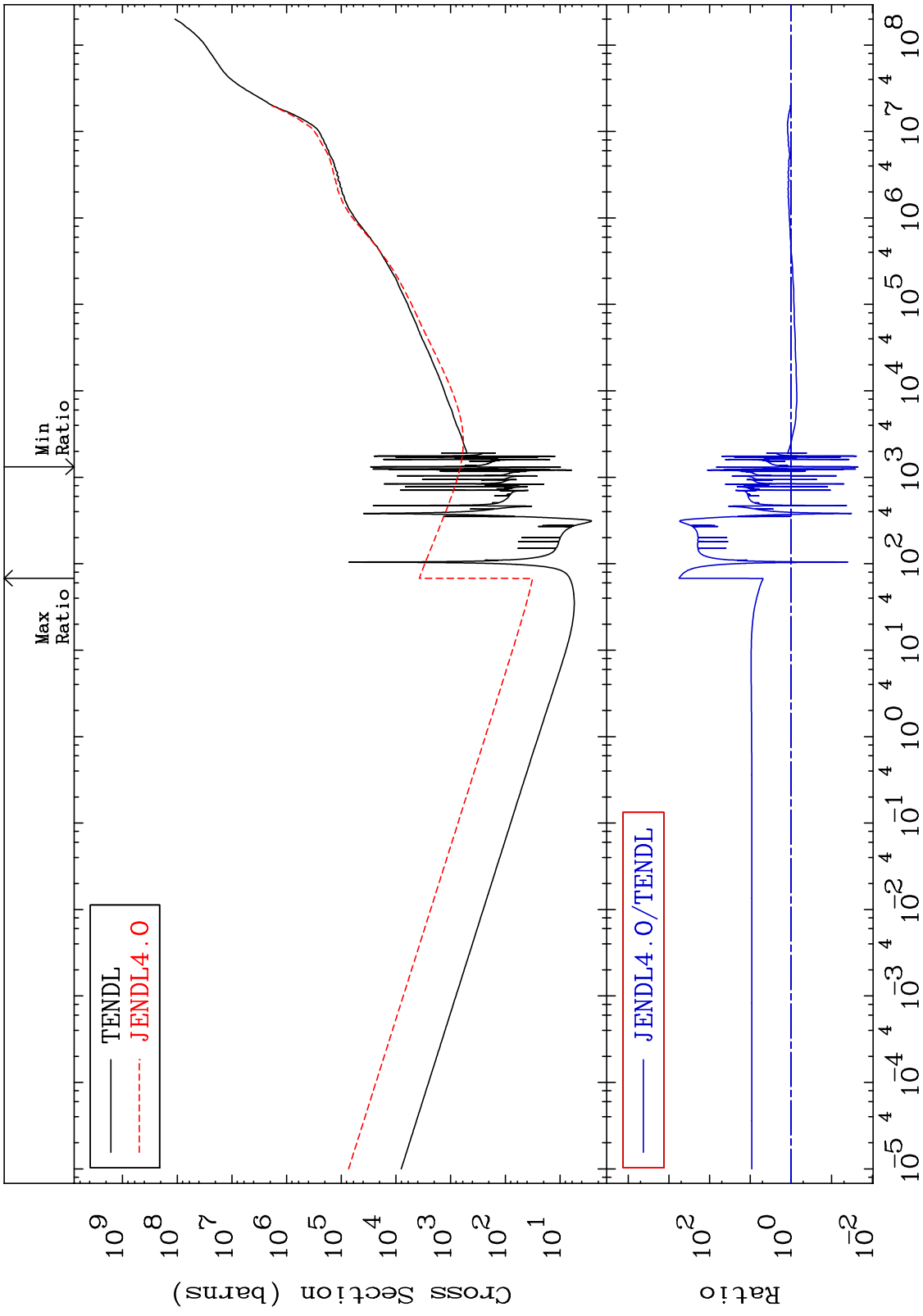
MAT 5631

Total photon (eV-barns)
Cross Section

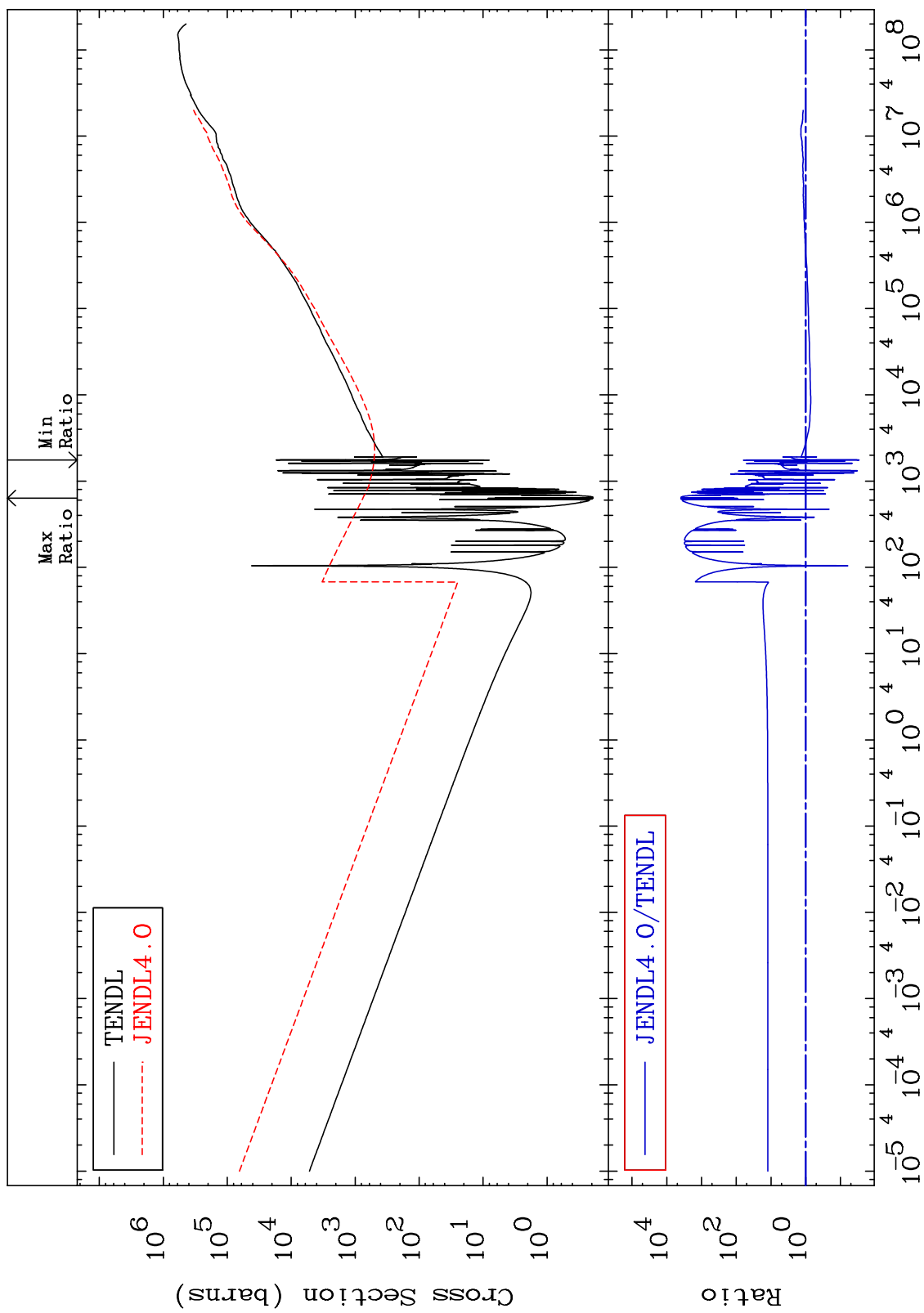
56-Ba-132
9999. To 9999. %



MAT 5631 Total kinematic kerma (high limit) 56-Ba-132
 Cross Section -97.73 To 9999. %



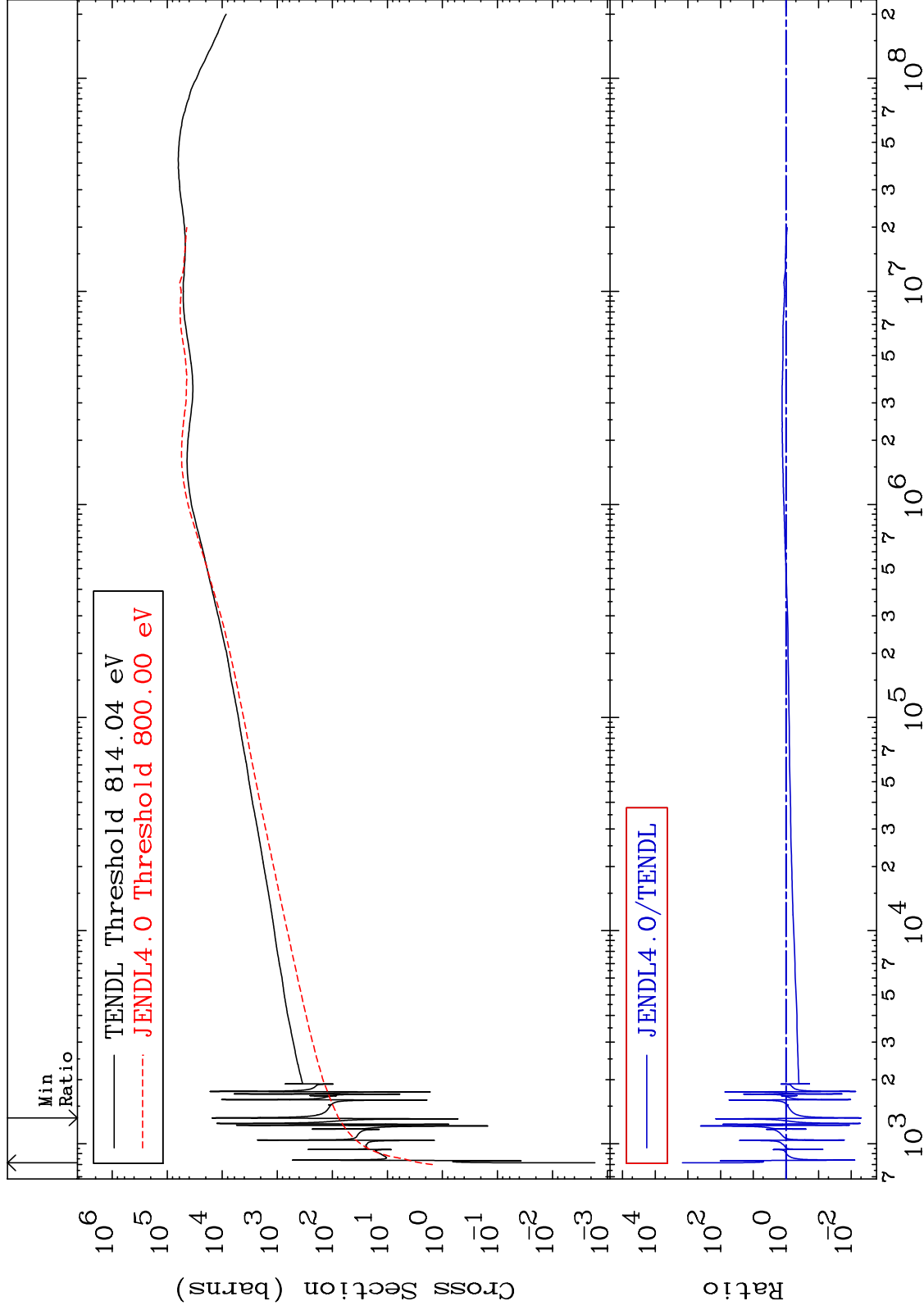
MAT 5631 Dpa total (eV-barns) 56-Ba-132
Cross Section -97.07 To 9999. %



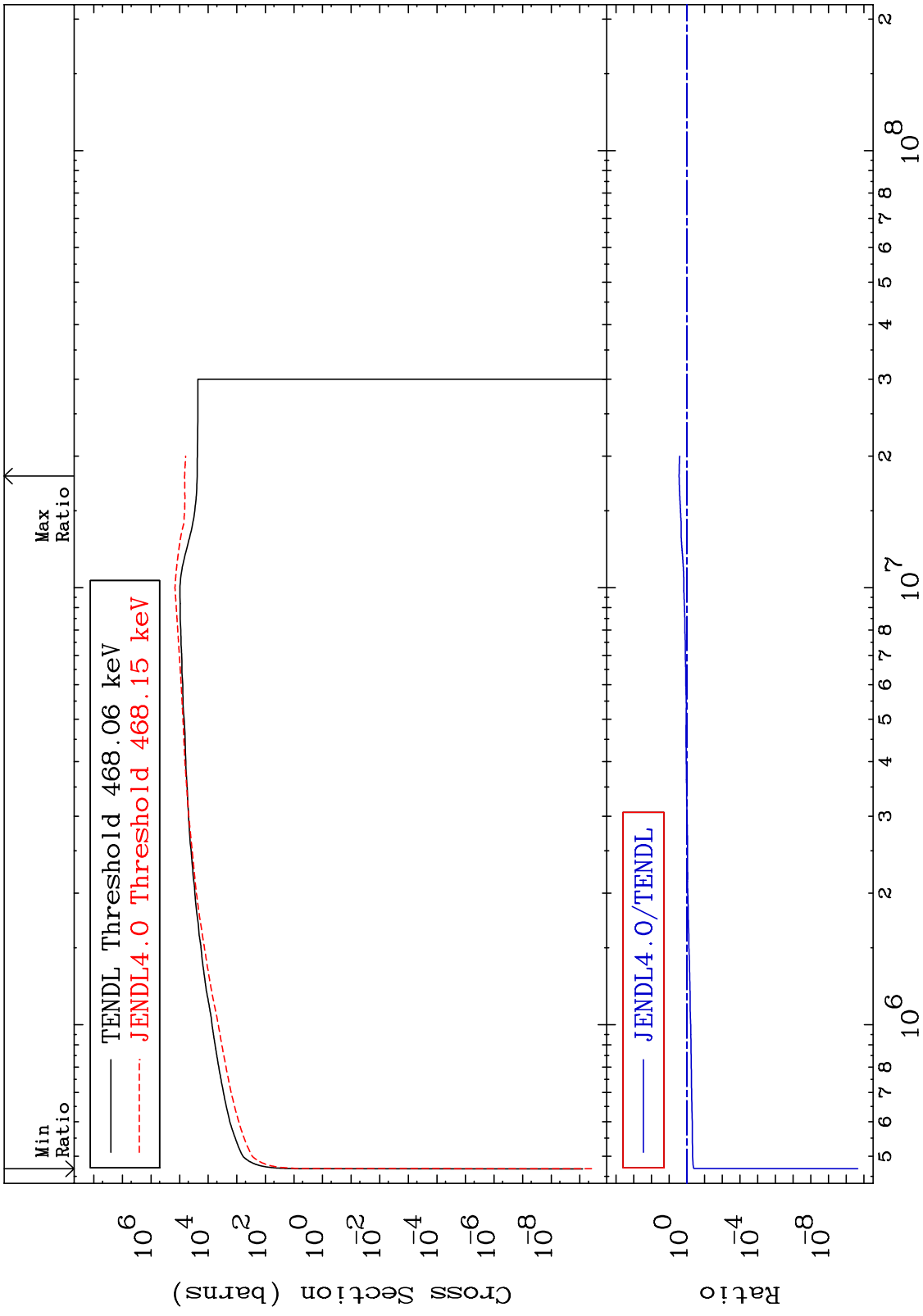
MAT 5631

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 %



MAT 5631 Dpa disappearance (mt102 -120) 56-Ba-132
 Cross Section -93.89 To 9999. %

