

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

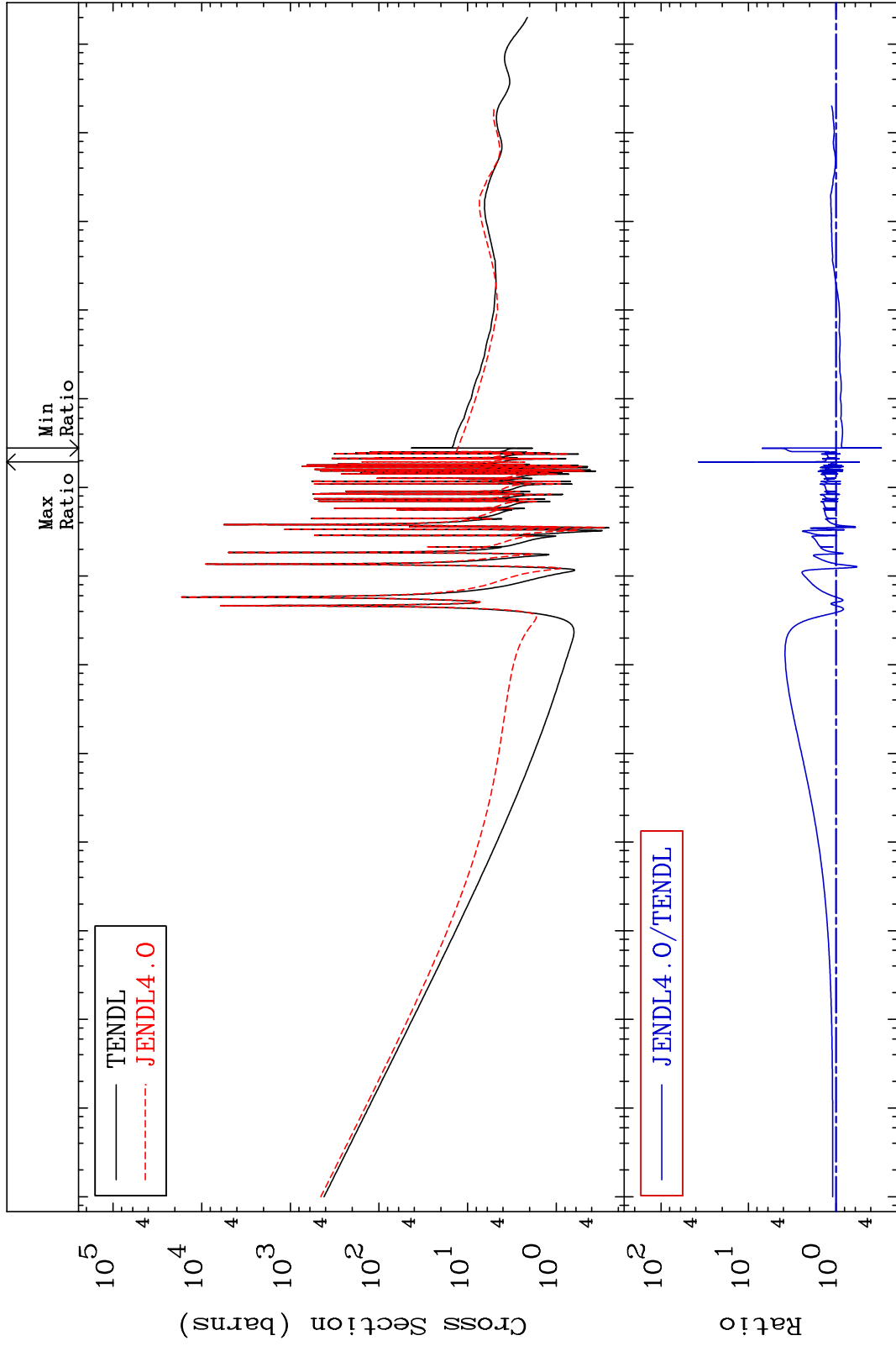
MAT 5625

Total

56-Ba-130

Cross Section

-69.88 To 3649. %



Incident Energy (eV)

56-Ba-130

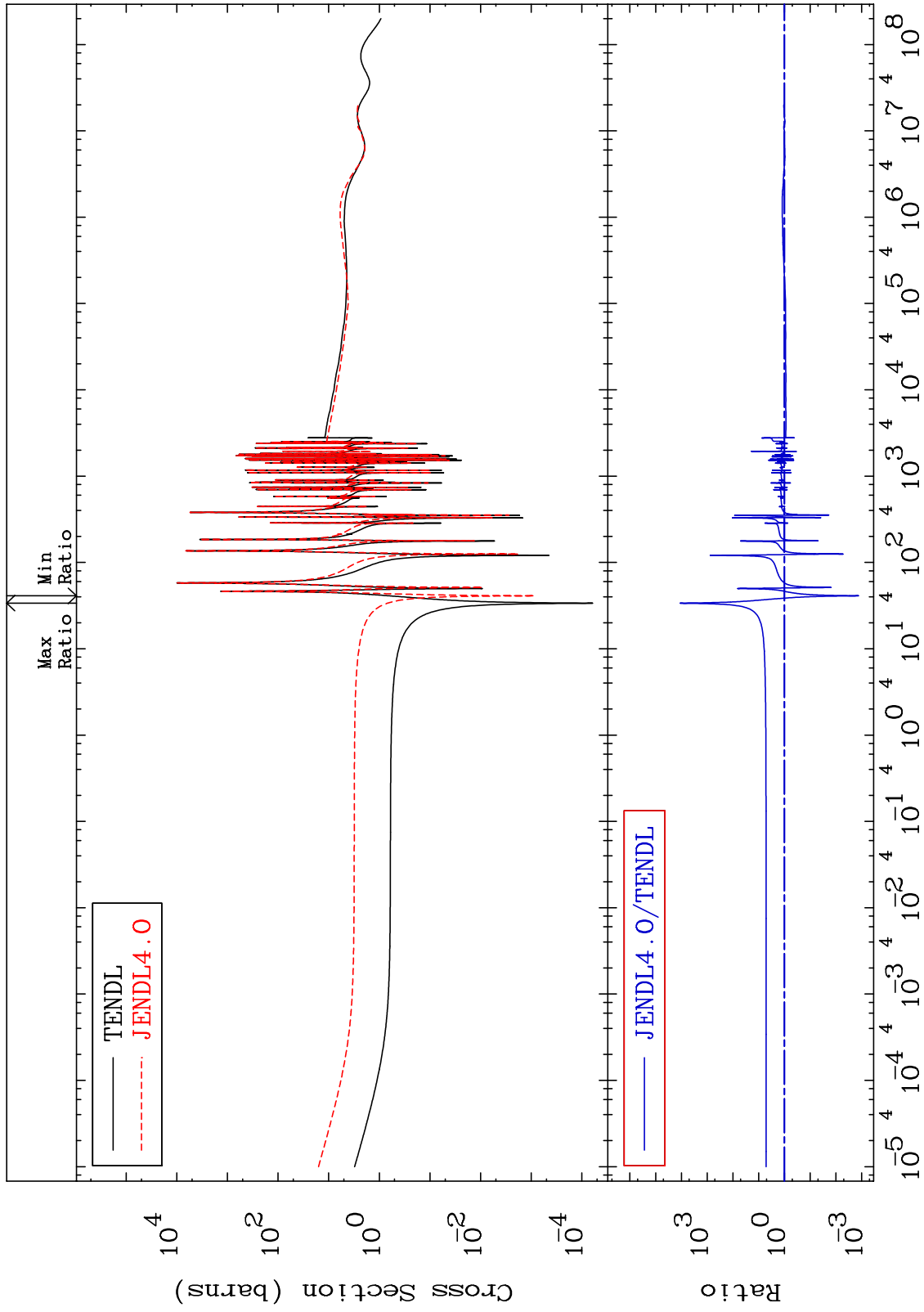
MAT 5625

Elastic

56-Ba-130

Cross Section

-99.87 To 9999. %

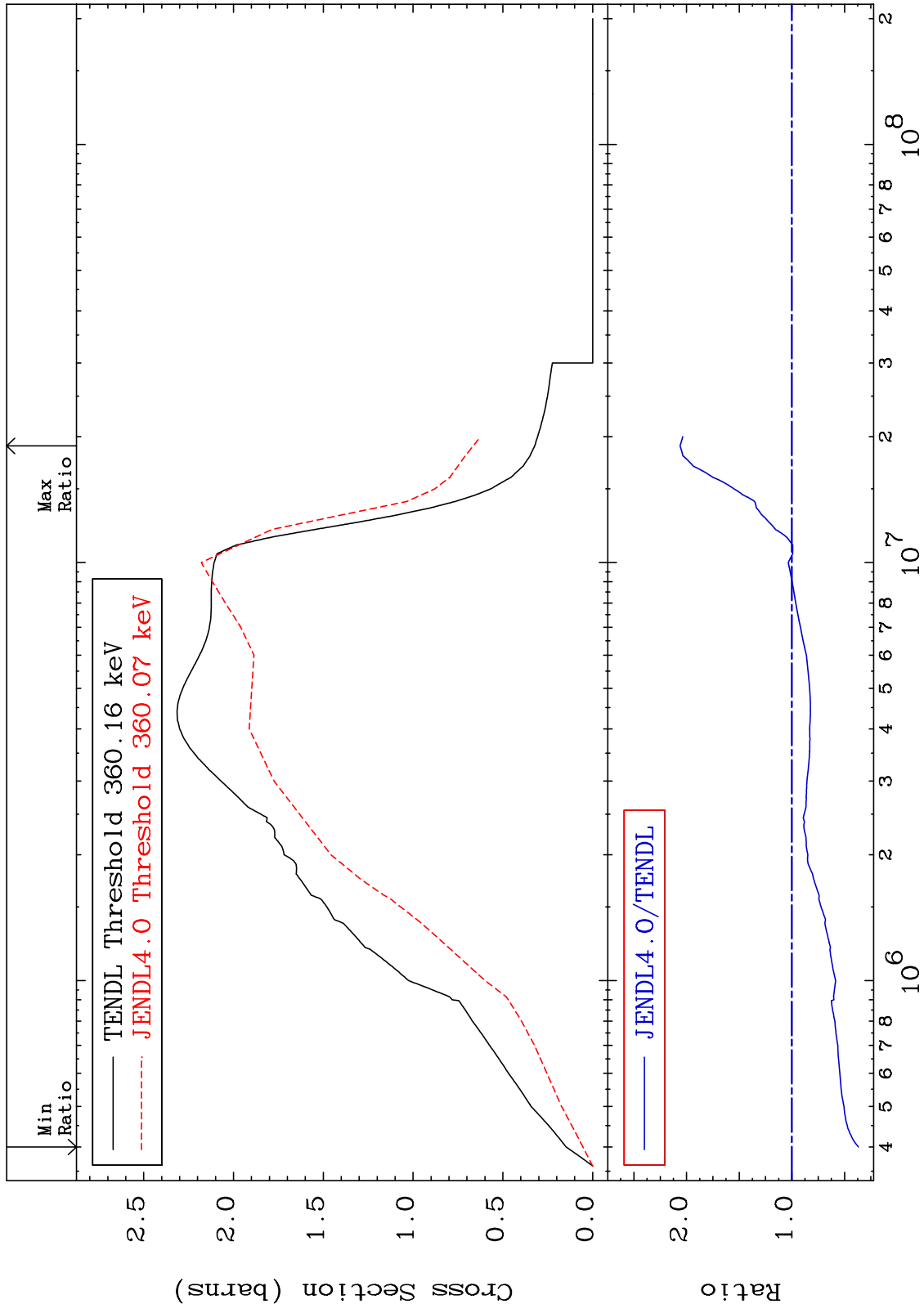


2

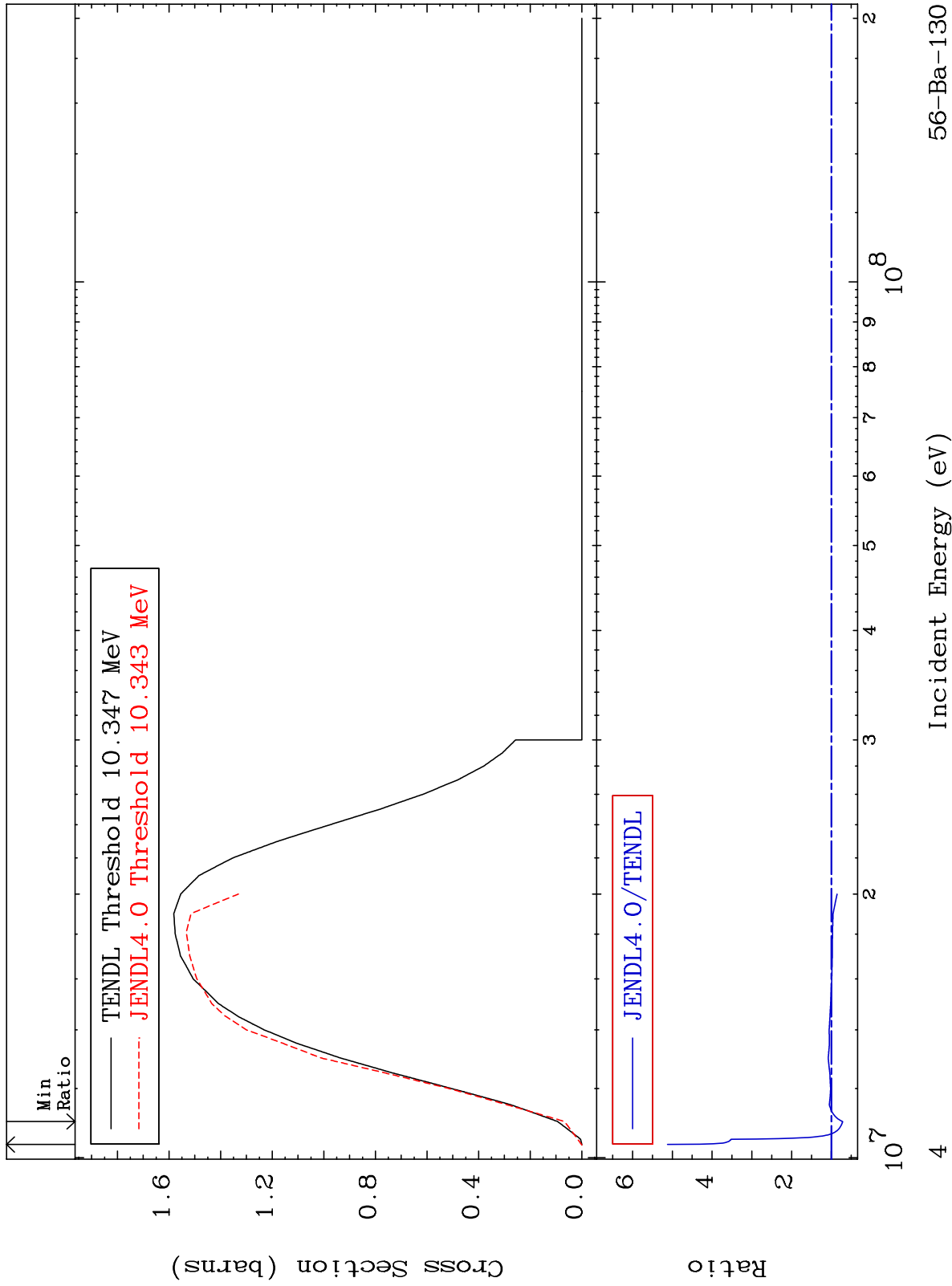
Incident Energy (eV)

56-Ba-130

MAT 5625 Inelastic Cross Section 56-Ba-130 -63.19 To 106.2 %



MAT 5625 (n,2n) Cross Section 56-Ba-130 -28.38 To 412.0 %



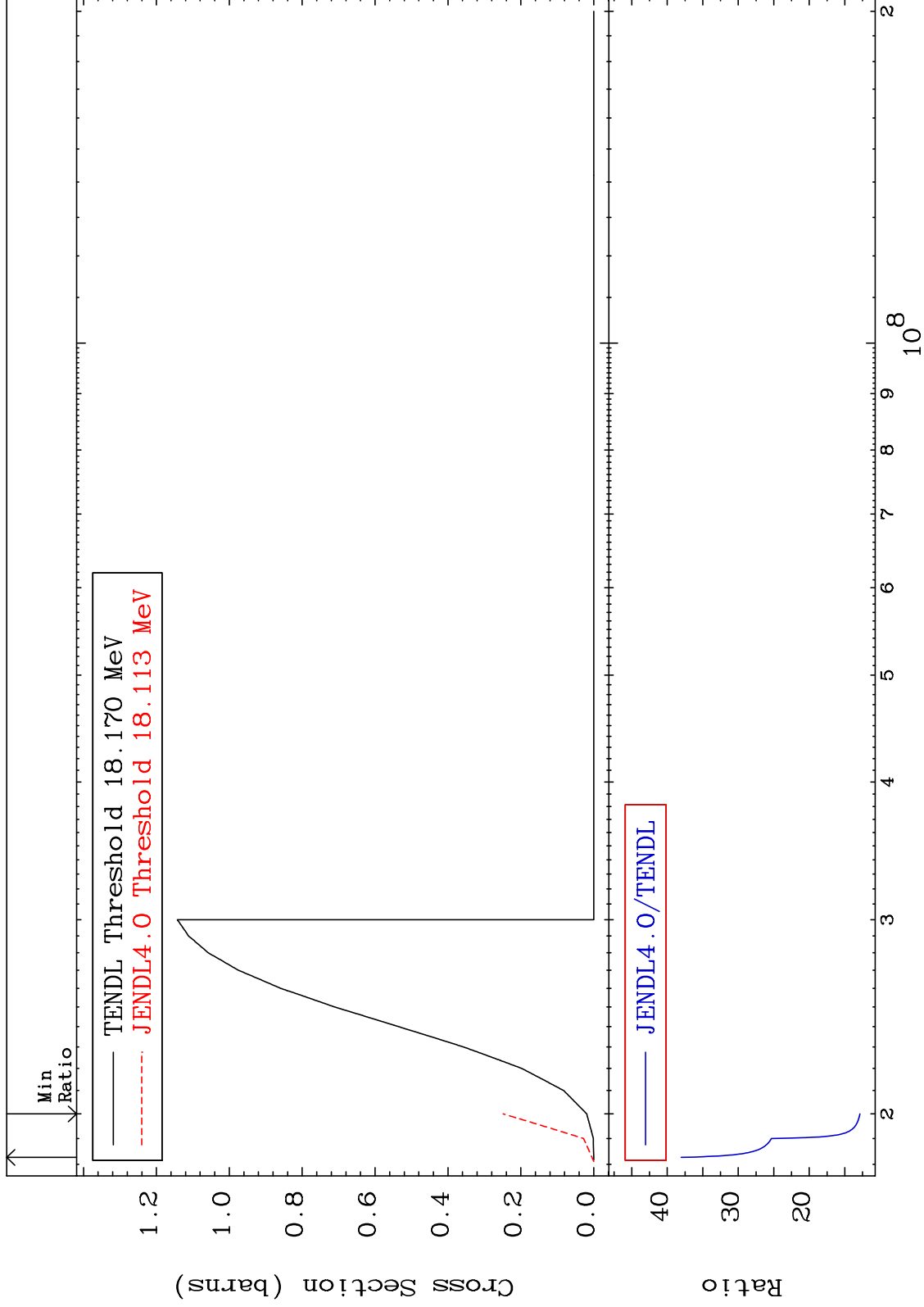
MAT 5625

(n, 3n)

56-Ba-130

Cross Section

1187. To 3703. %



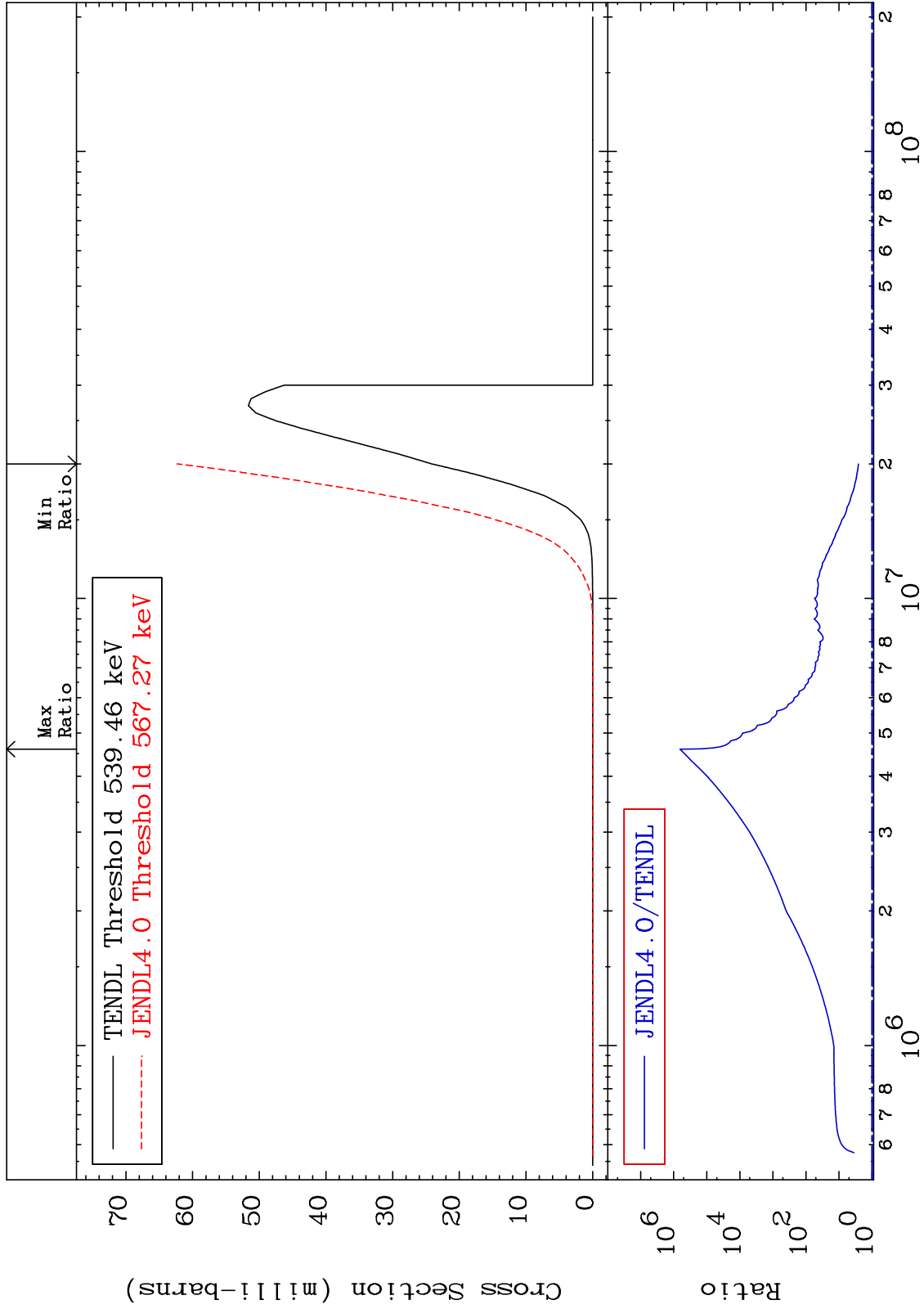
MAT 5625

(n,n') α

56-Ba-130

158.3 To 9999. %

Cross Section



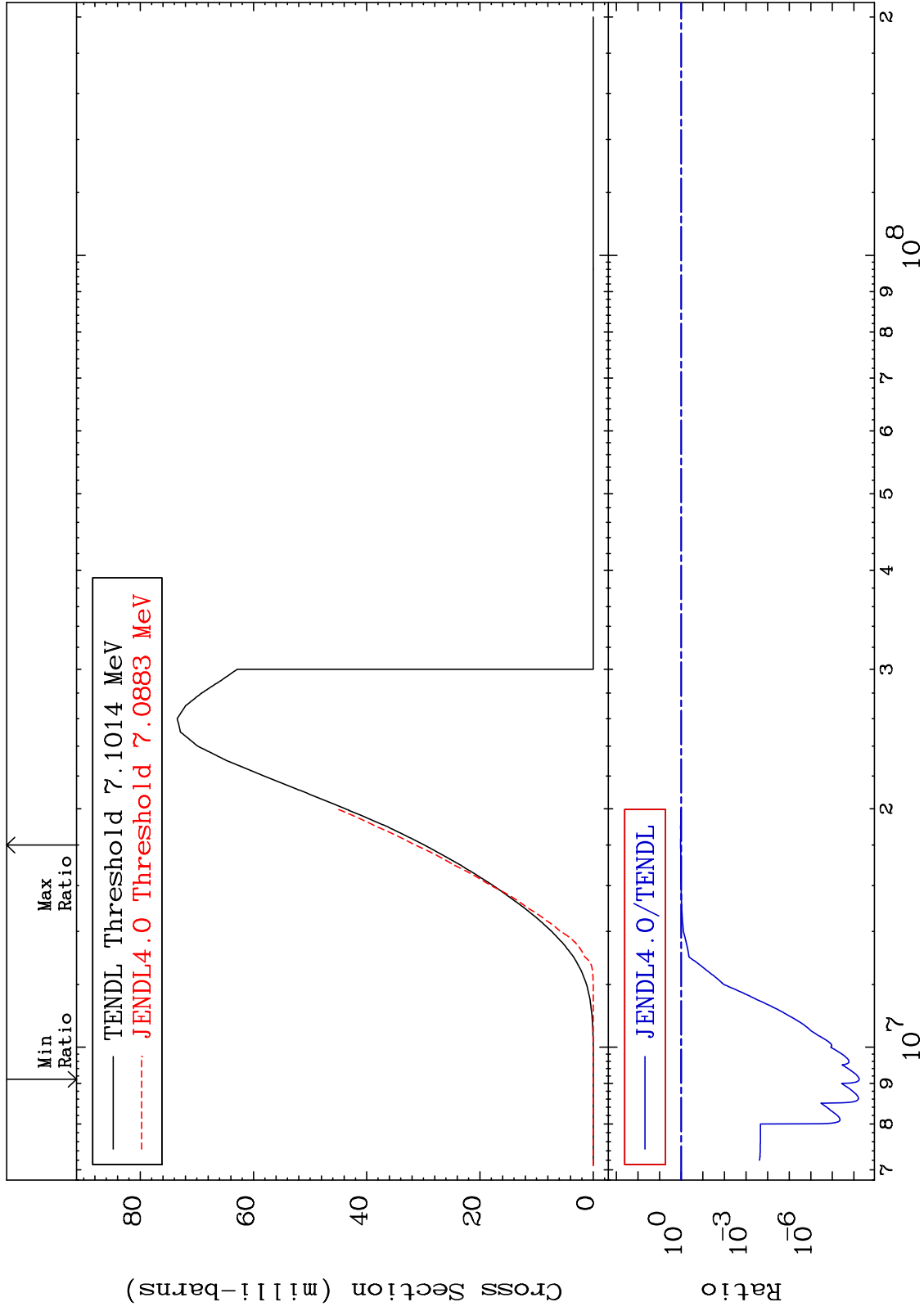
MAT 5625

(n,n') p

56-Ba-130

Cross Section

-100.0 To 5.384 %



Incident Energy (eV)

56-Ba-130

7

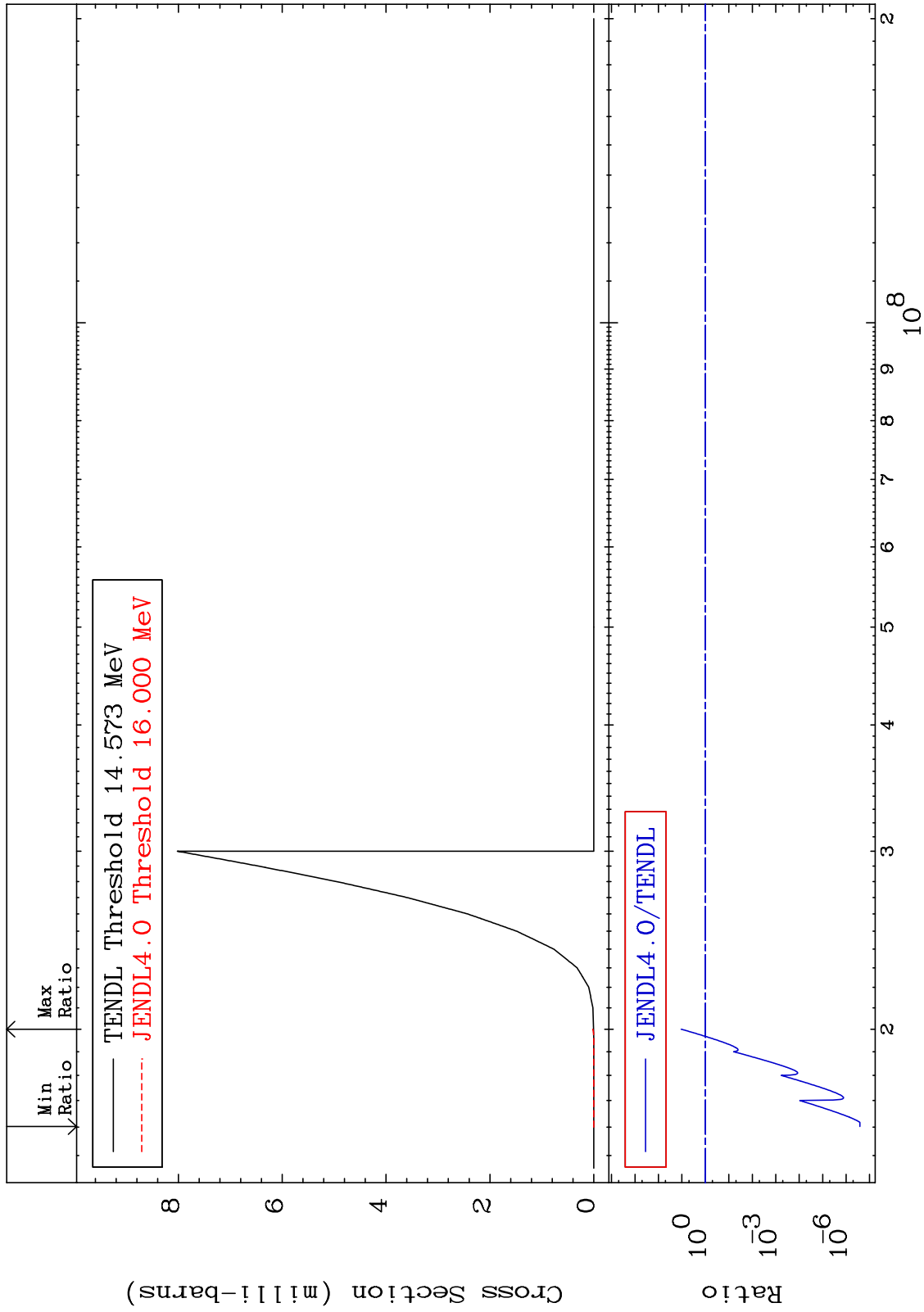
MAT 5625

(n, n') d

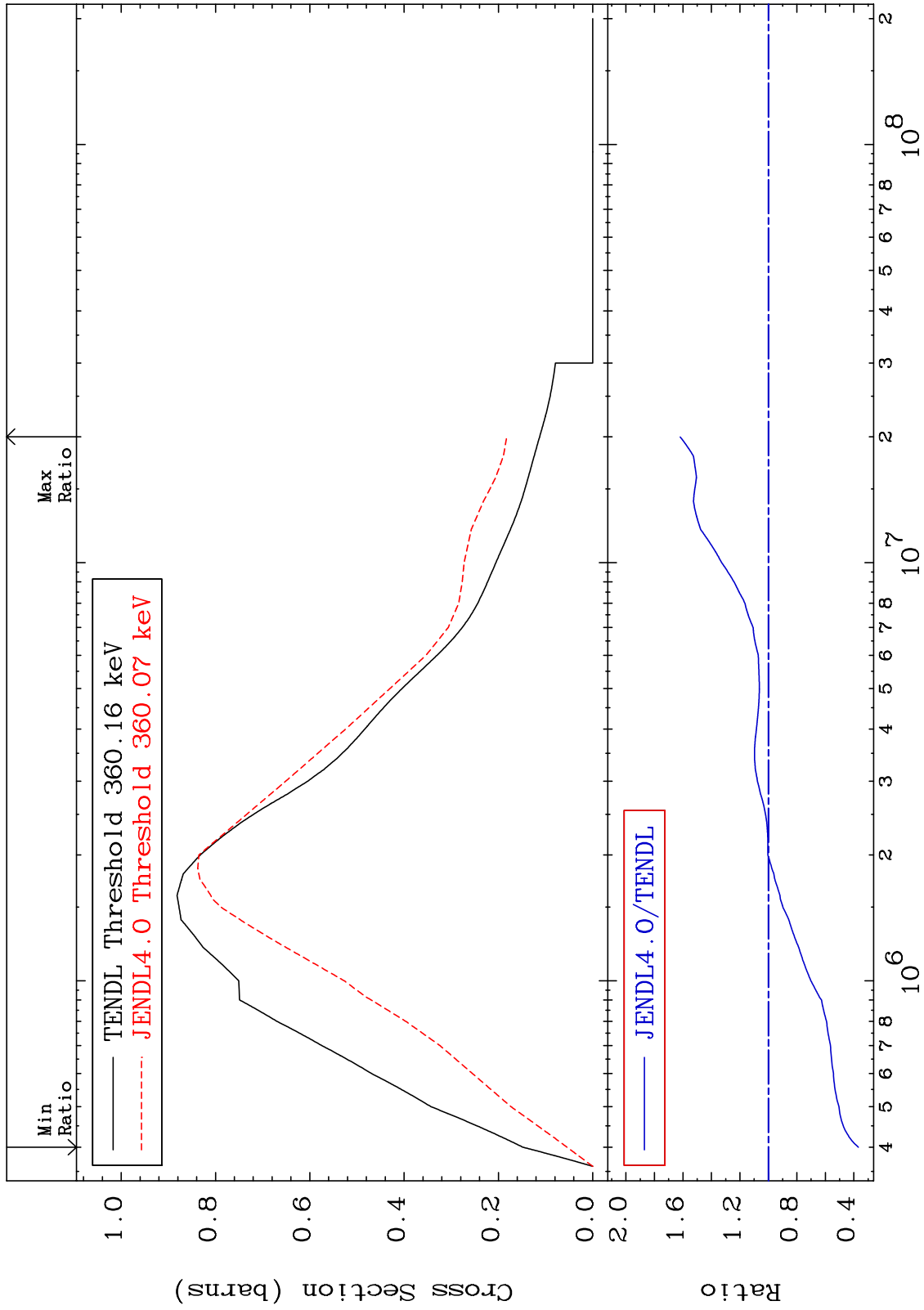
56-Ba-130

Cross Section

-100.0 To 969.1 %



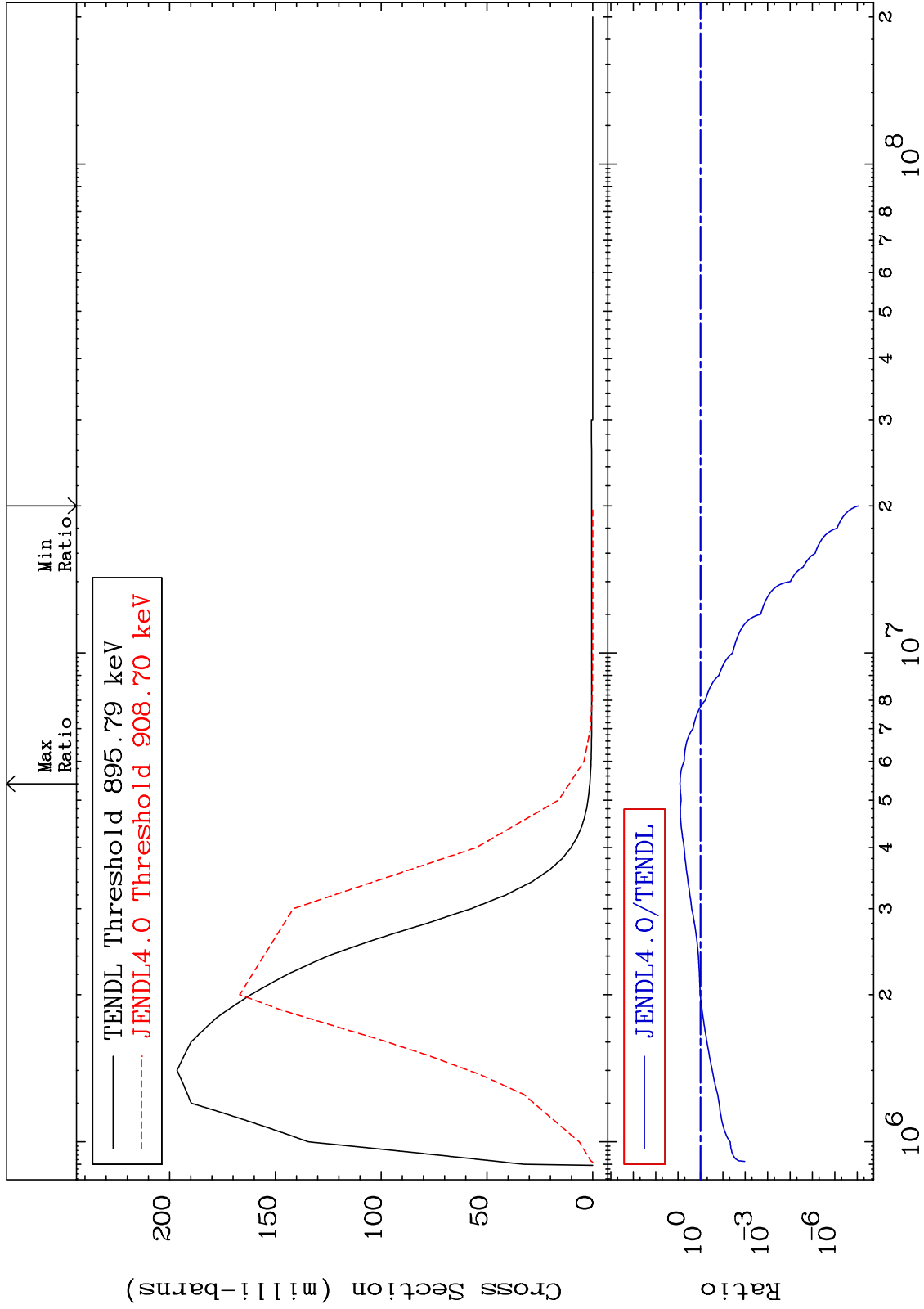
MAT 5625 MT= 51 (n,n') Level Cross Section 56-Ba-130
 -63.19 To 62.05 %



MAT 5625

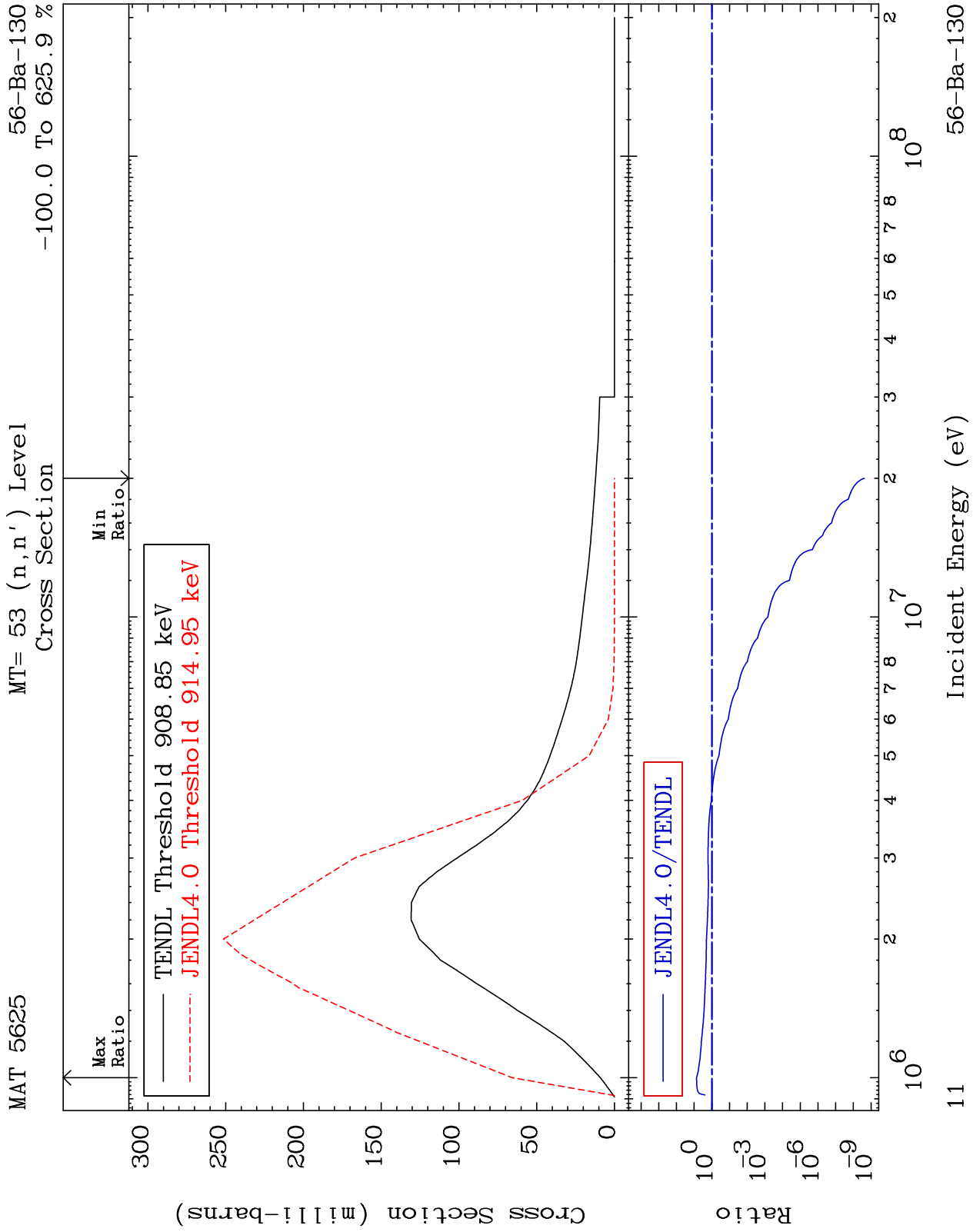
MT= 52 (n, n') Level
Cross Section

56-Ba-130
-100.0 To 716.6 %



Incident Energy (eV)

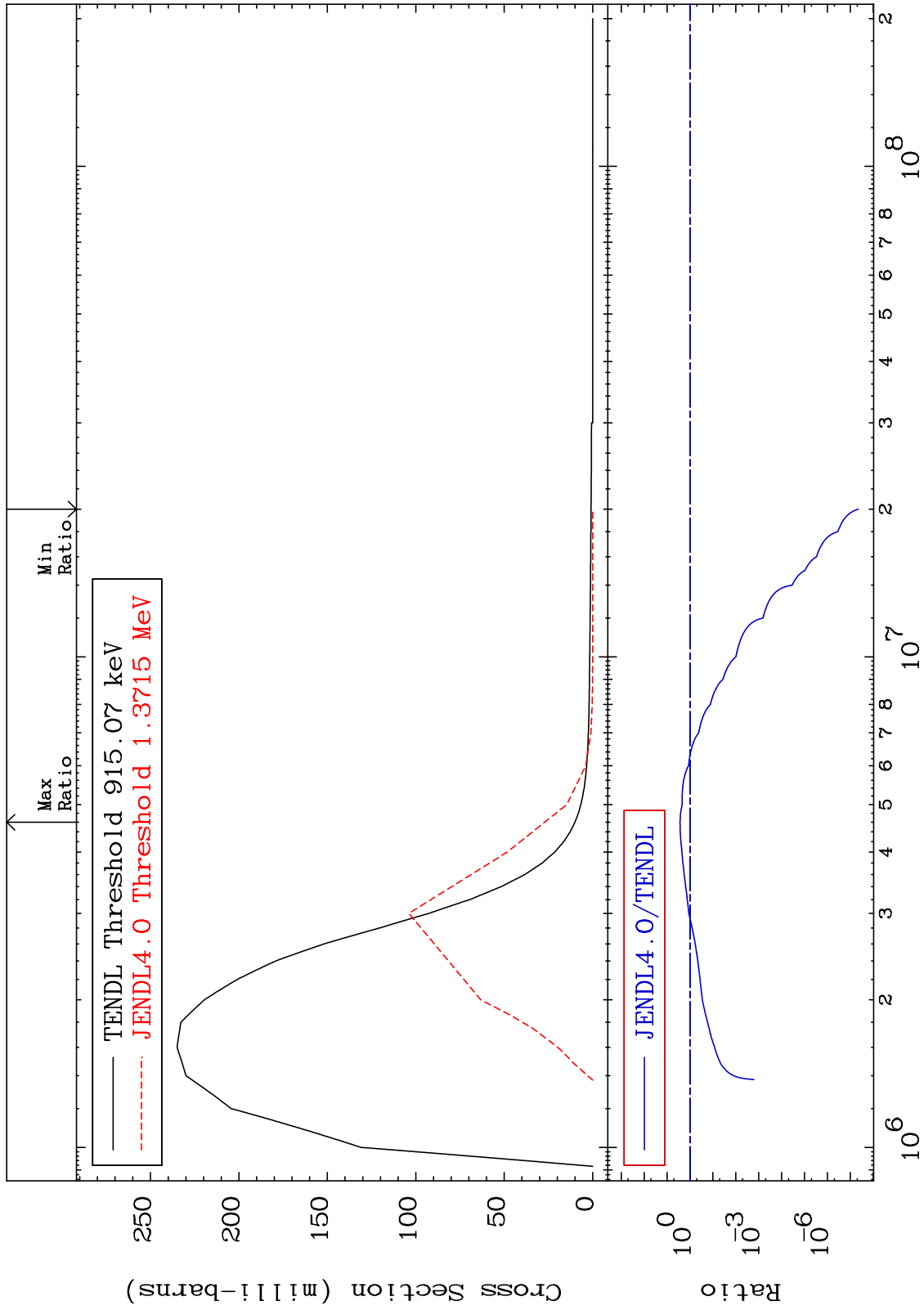
56-Ba-130



MAT 5625

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

56-Ba-130
-100.0 To 171.2 %



Incident Energy (eV)

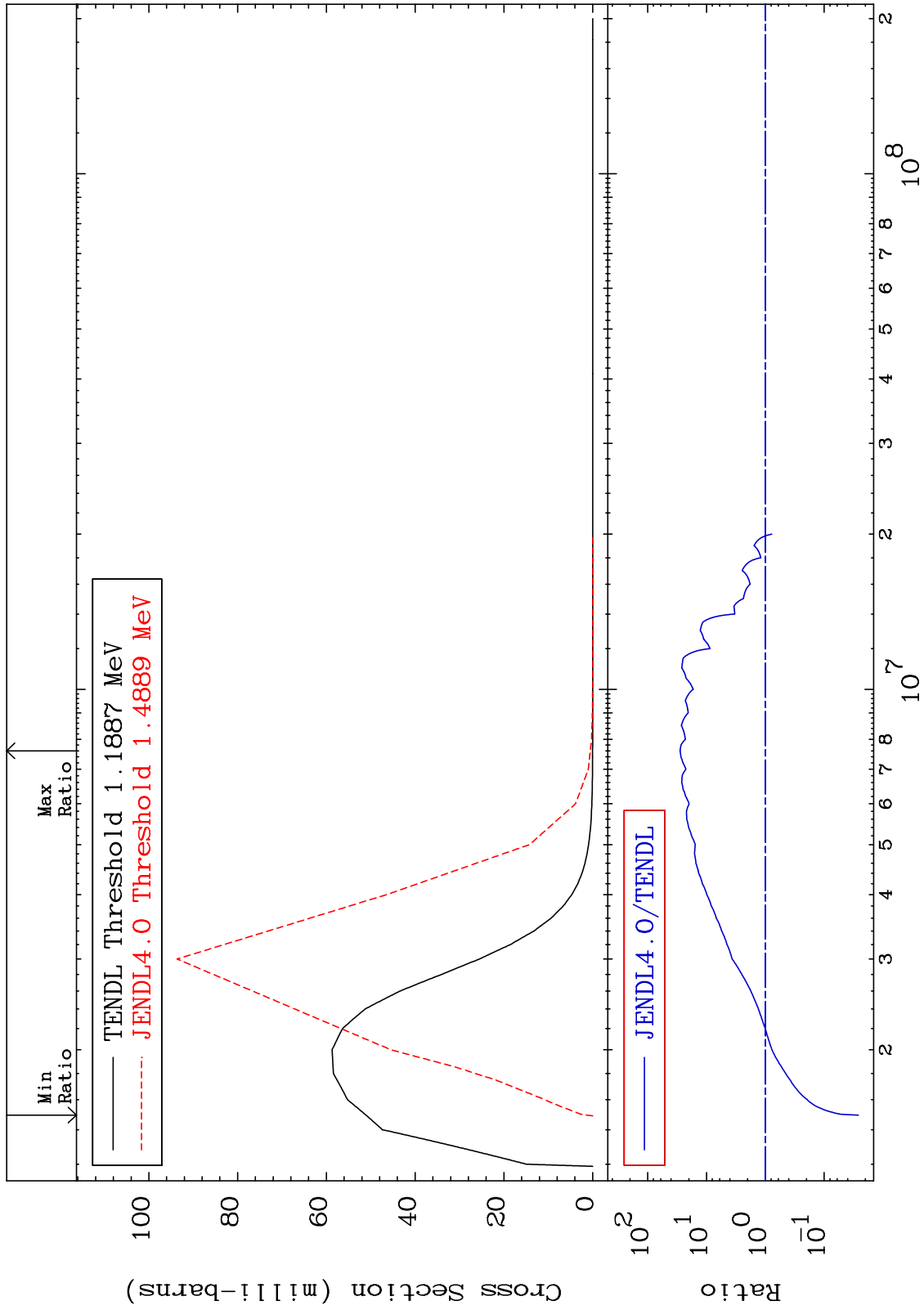
56-Ba-130

12

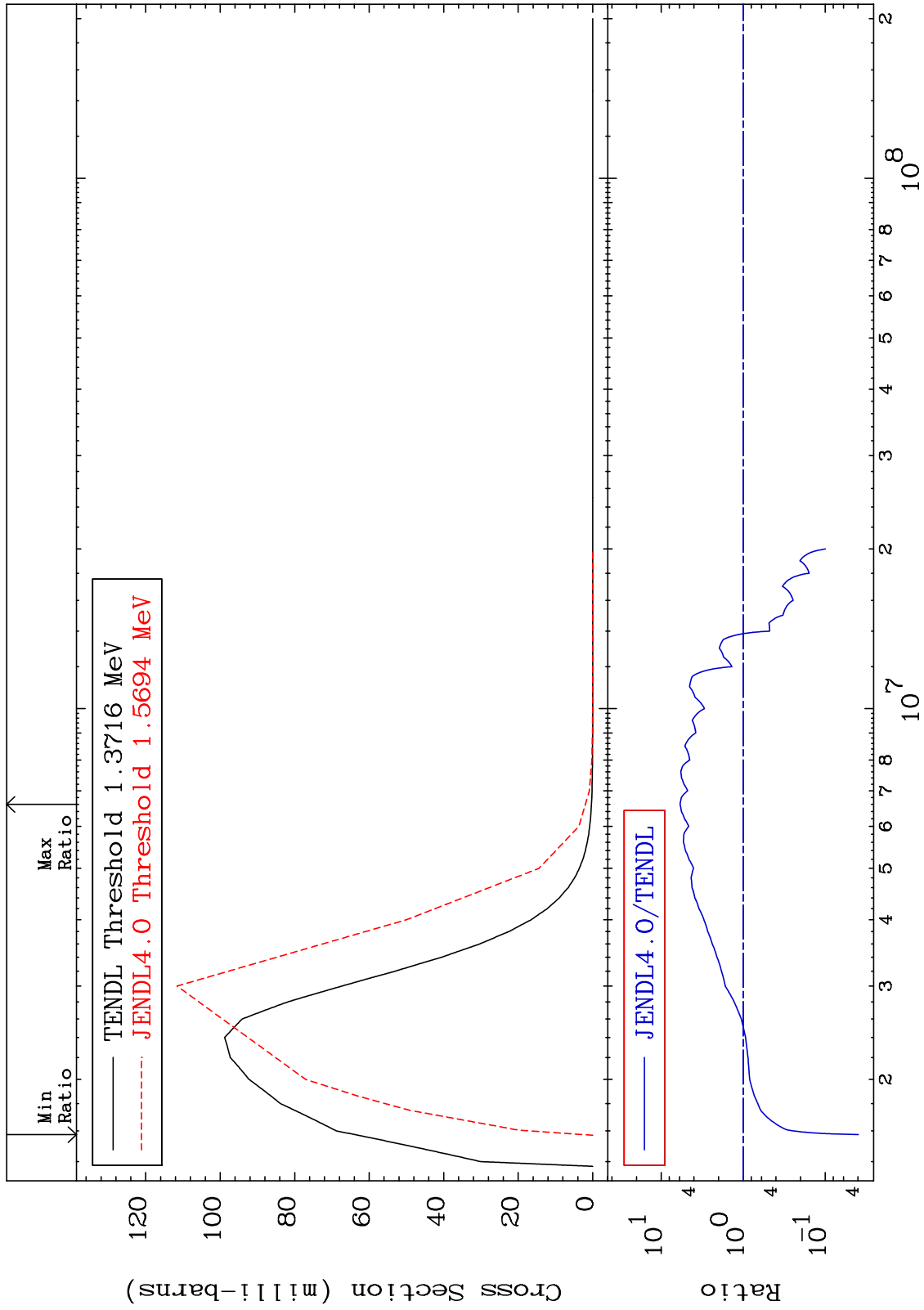
MAT 5625

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

56-Ba-130
-97.38 To 2720. %



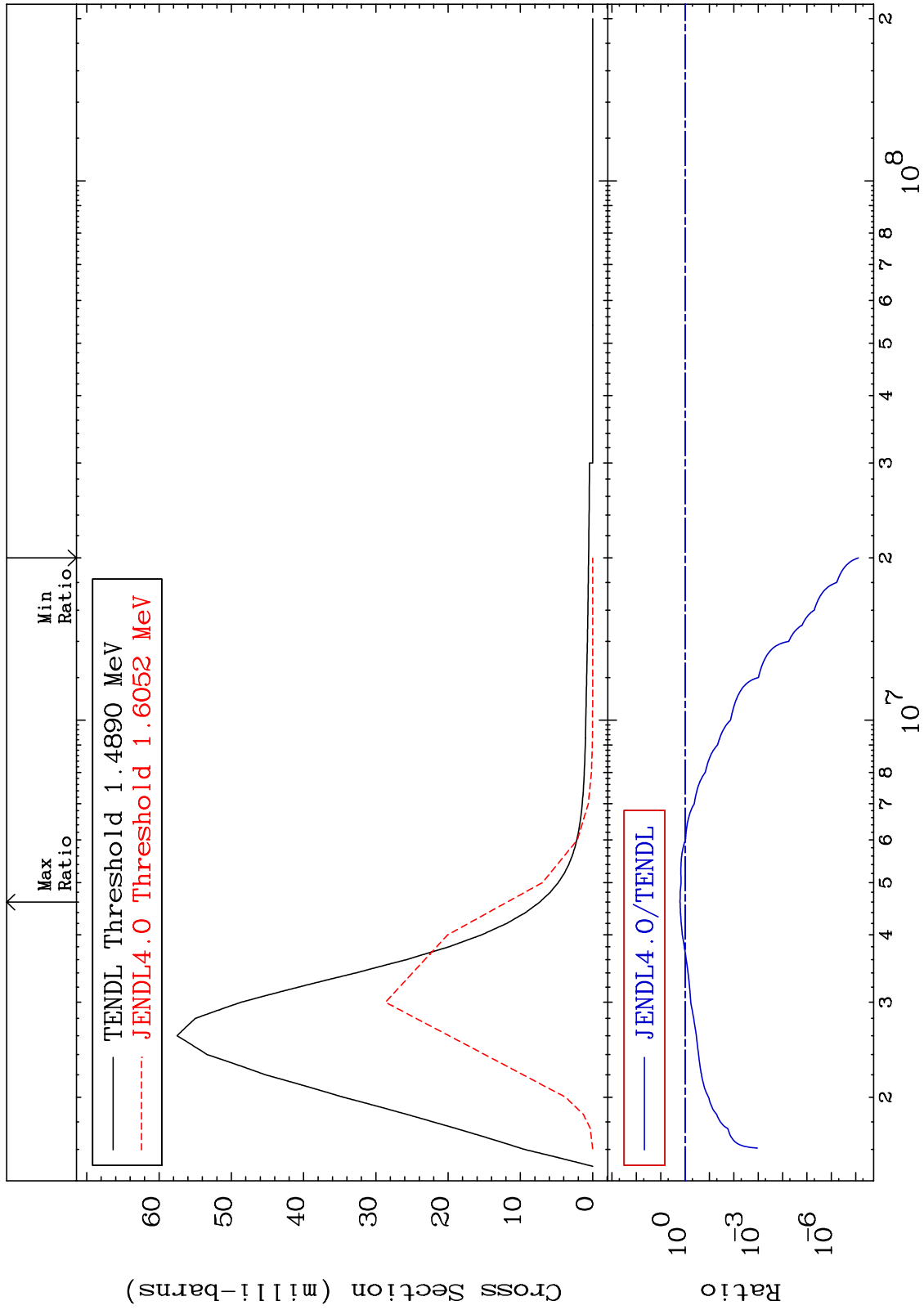
MAT 5625 MT= 56 (n,n') Level Cross Section 56-Ba-130
 -96.06 To 490.6 %



MAT 5625

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

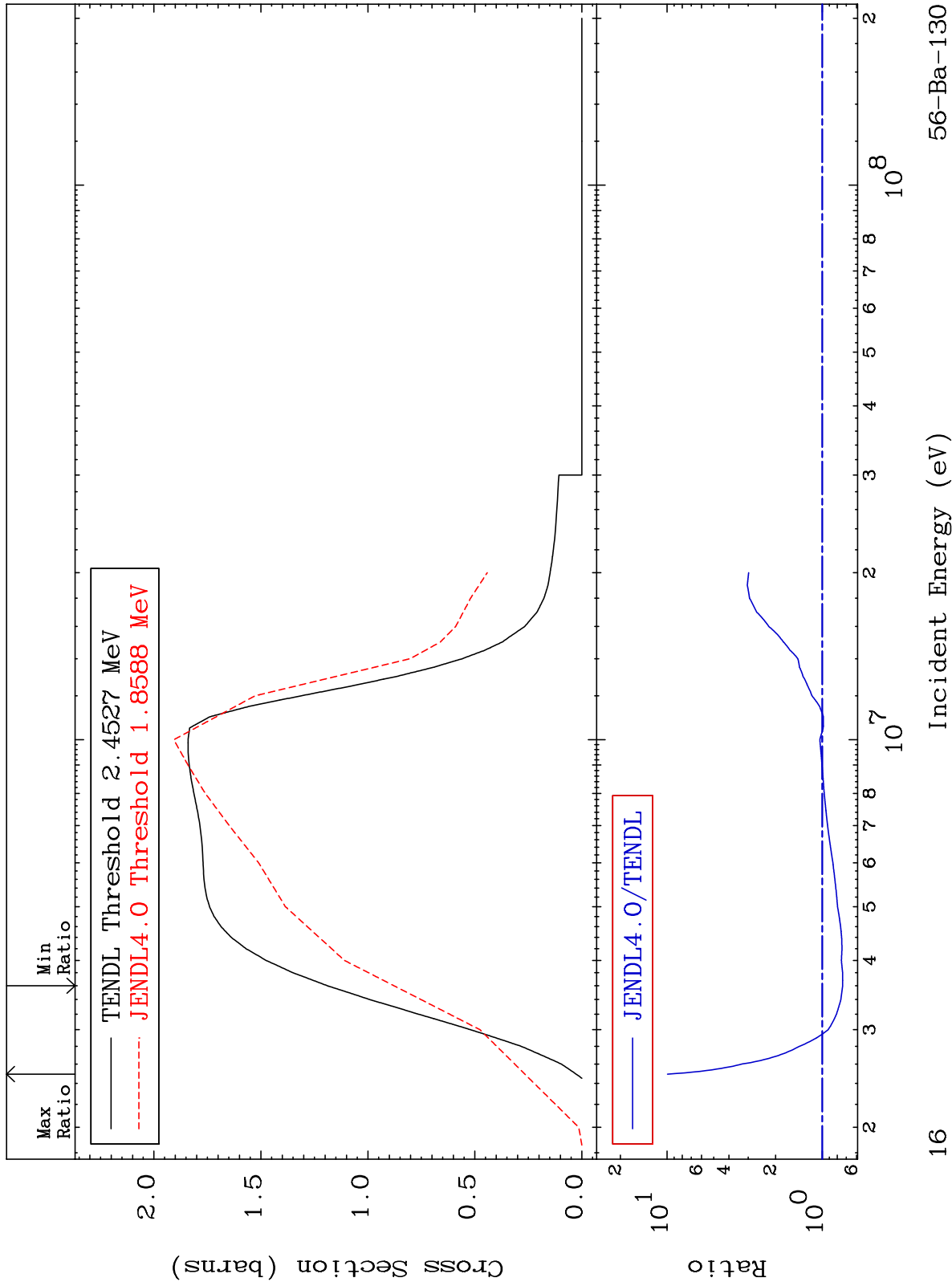
56-Ba-130
-100.0 To 61.81 %



MAT 5625

(n,n') Continuum
Cross Section

56-Ba-130
-26.20 To 893.7 %

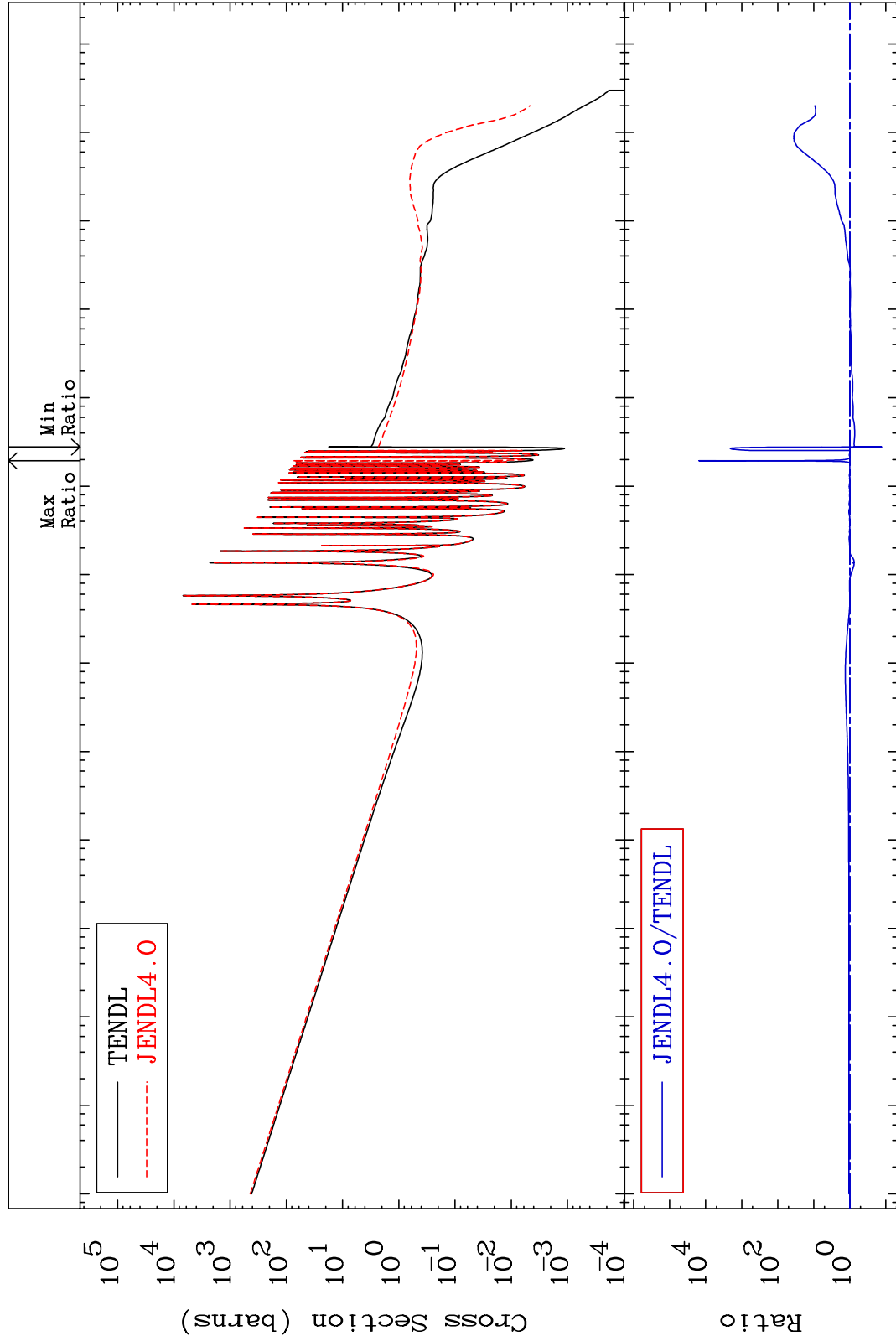


MAT 5625

56-Ba-130

-86.93 To 9999. %

(n, γ)
Cross Section



Incident Energy (eV)

56-Ba-130

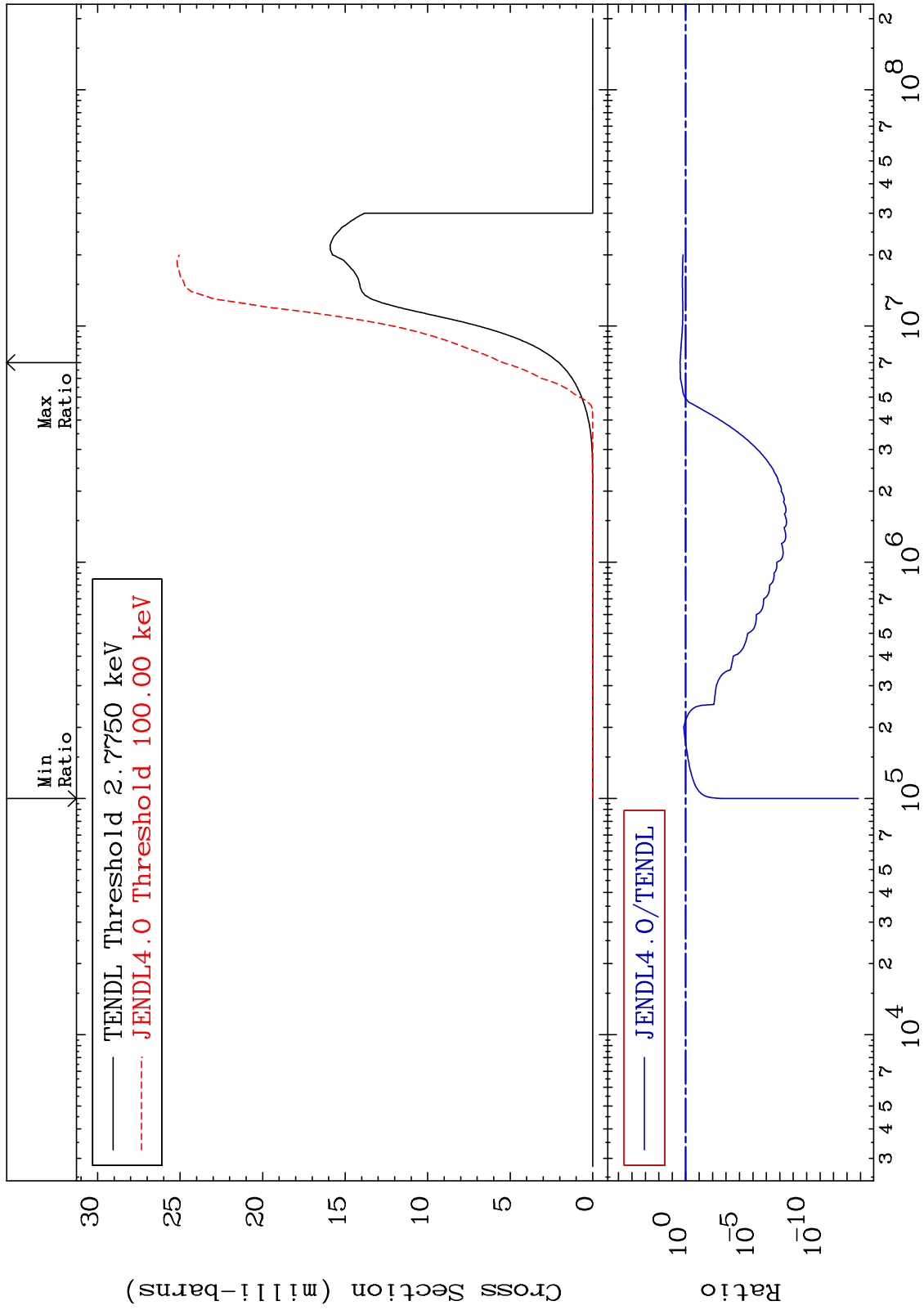
MAT 5625

(n, p)

56-Ba-130

Cross Section

-100.0 To 165.4 %

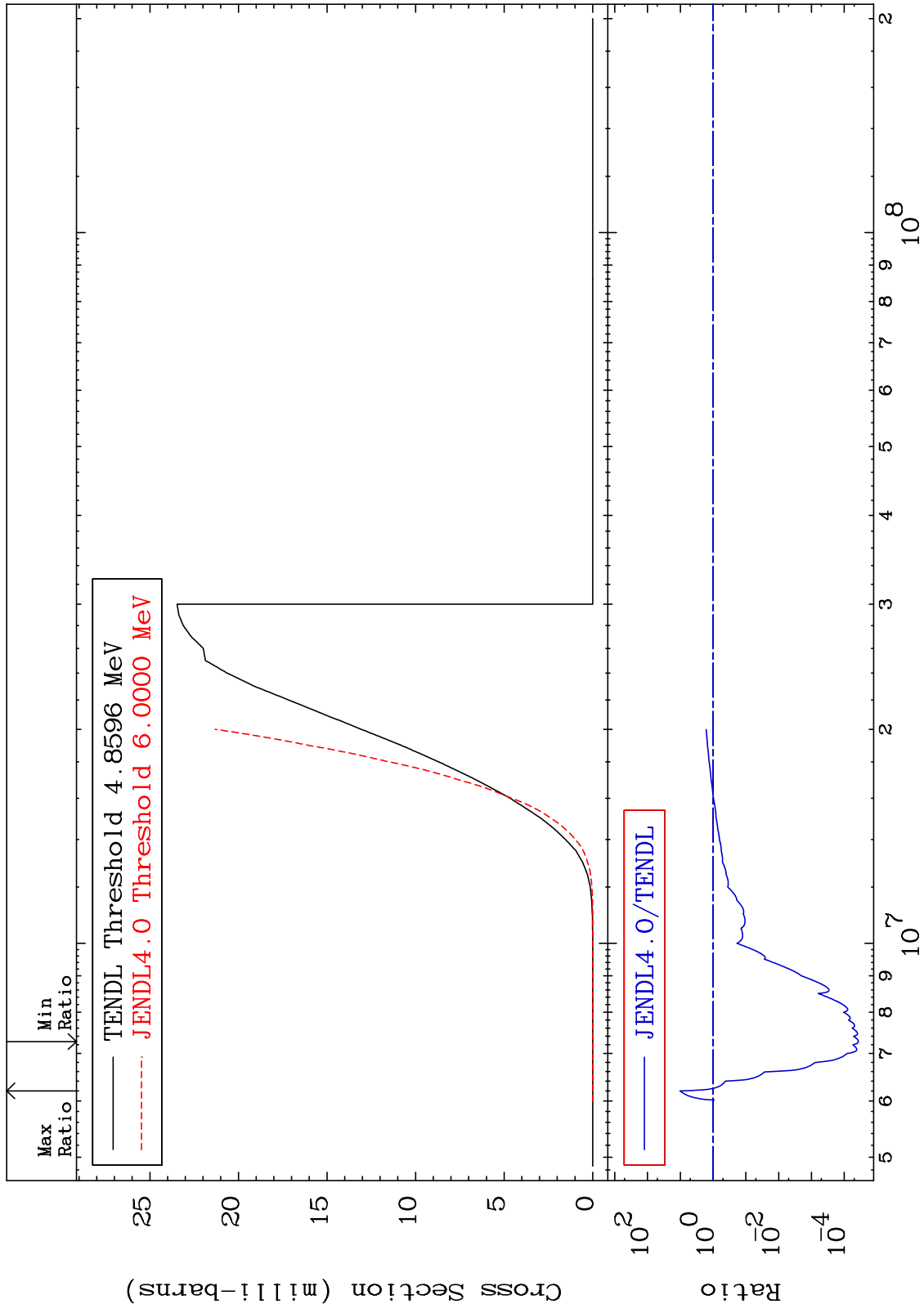


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Incident Energy (eV)

56-Ba-130

MAT 5625 (n,d) 56-Ba-130
 Cross Section -100.0 To 919.5 %



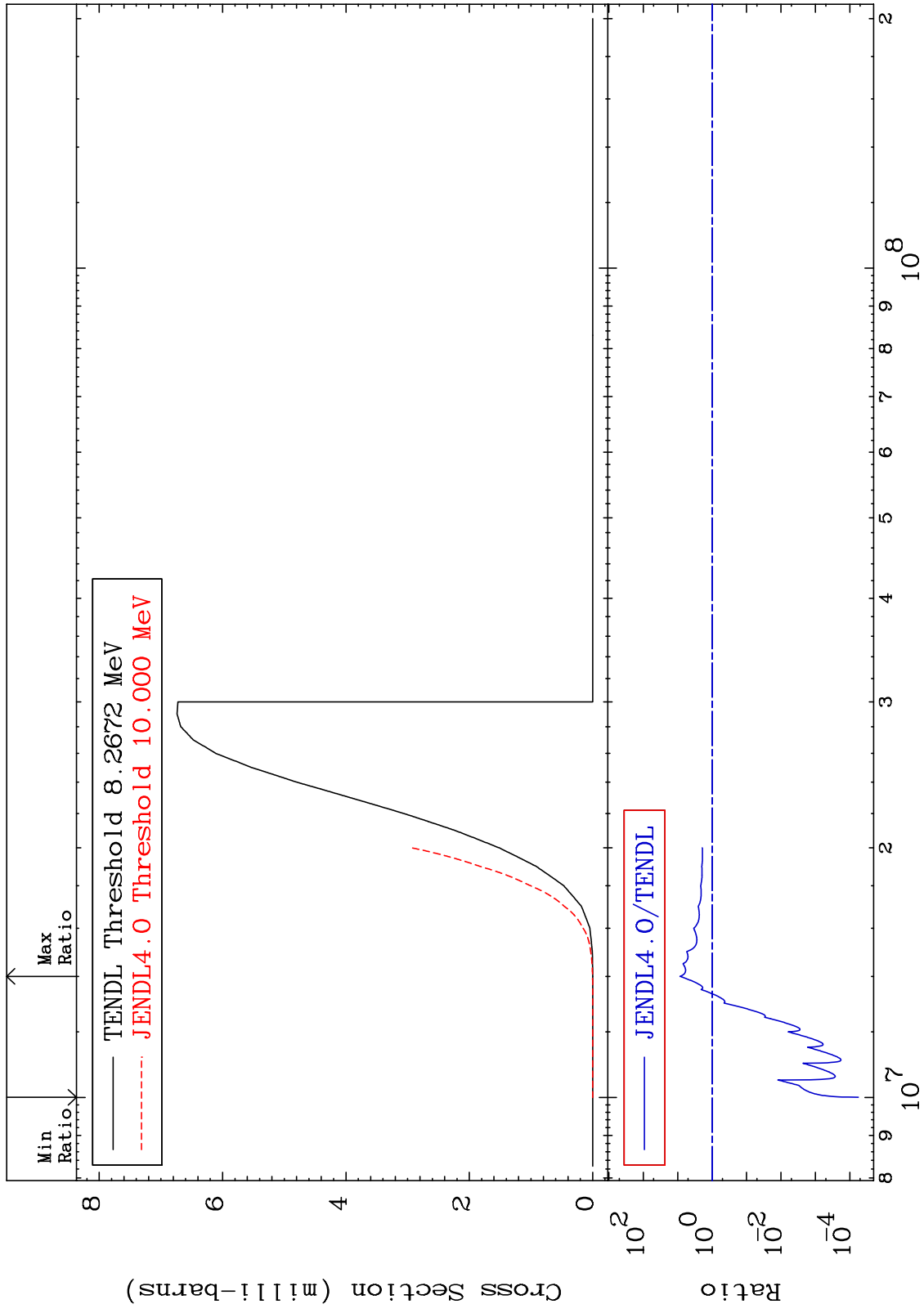
MAT 5625

(n, t)

56-Ba-130

Cross Section

-99.99 To 756.4 %

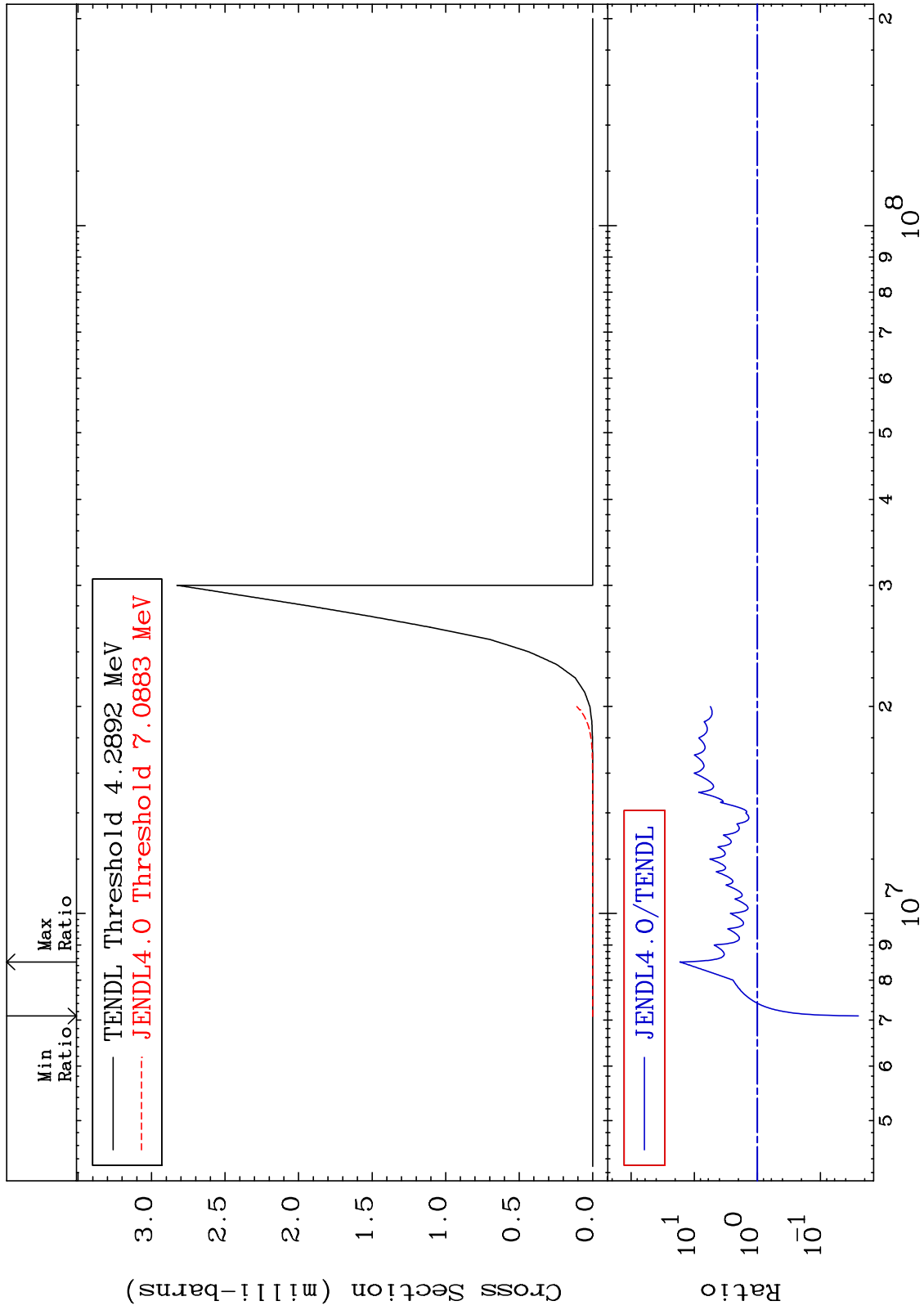


56-Ba-130

Incident Energy (eV)

20

MAT 5625 (n, He-3) 56-Ba-130
 Cross Section -97.49 To 1580. %



56-Ba-130

Incident Energy (eV)

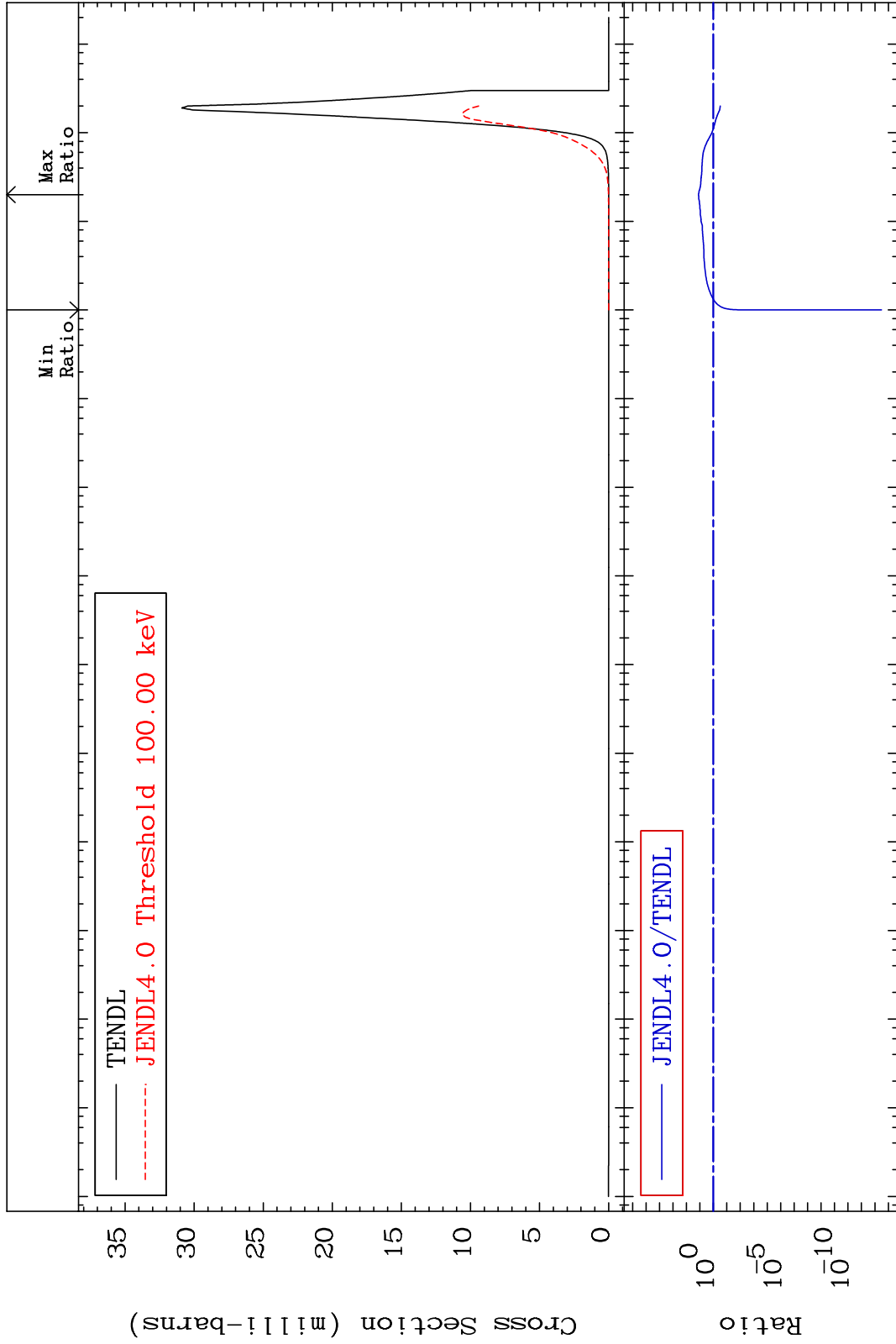
MAT 5625

(n, α)

56-Ba-130

Cross Section

-100.0 To 1199. %



Incident Energy (eV)

56-Ba-130

22

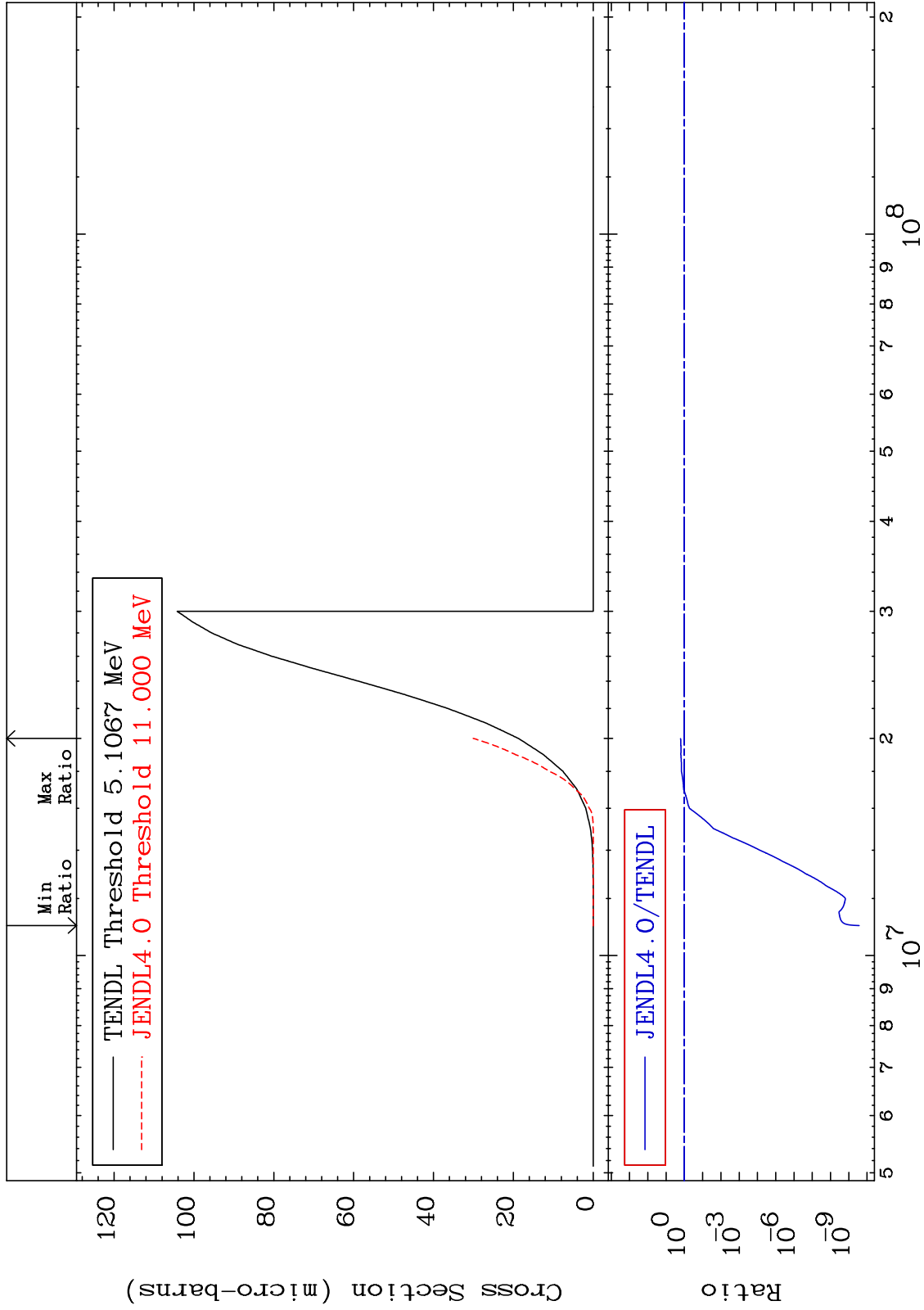
MAT 5625

(n,2p)

56-Ba-130

Cross Section

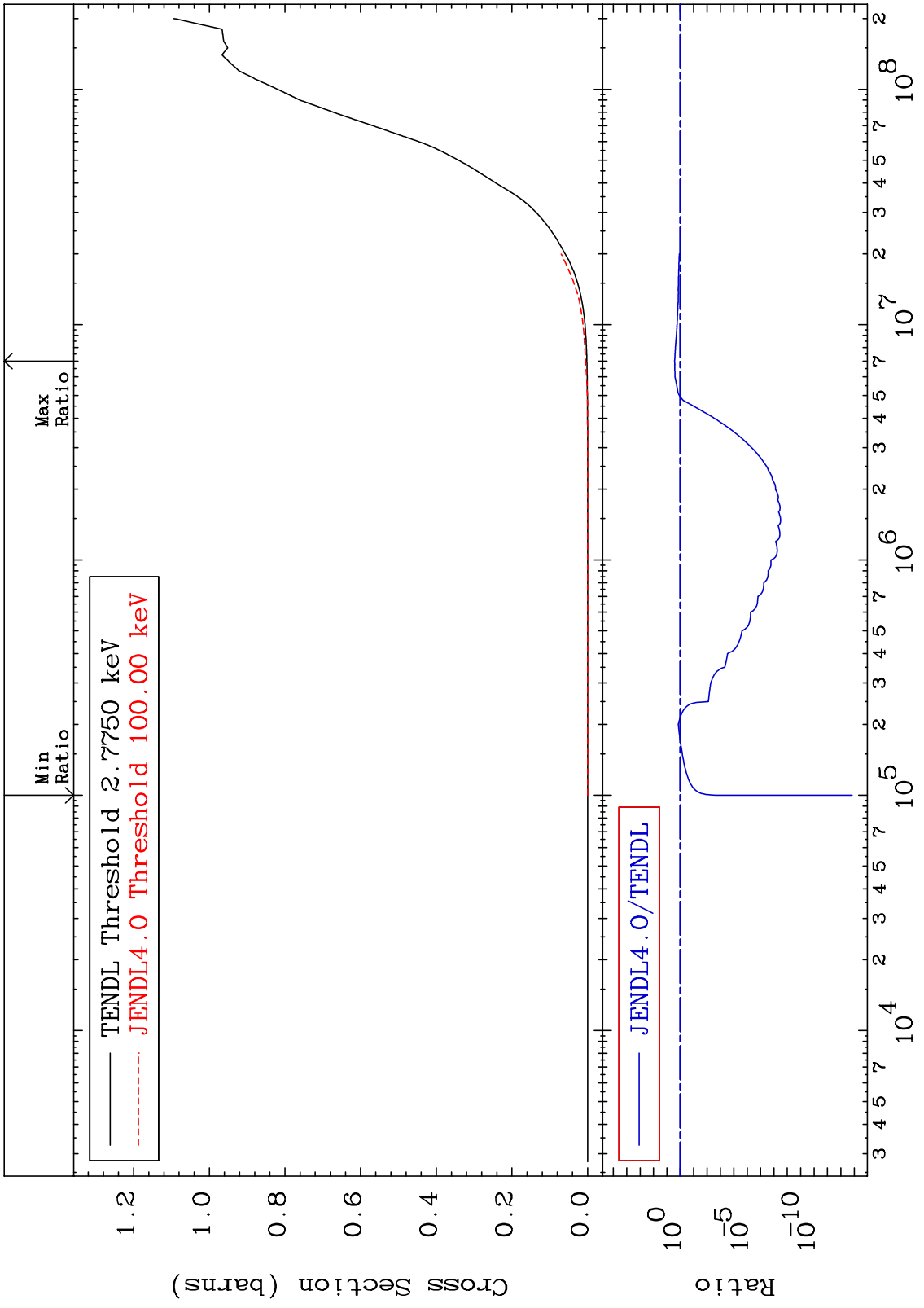
-100.0 To 60.12 %



MAT 5625

Hydrogen Production
Cross Section

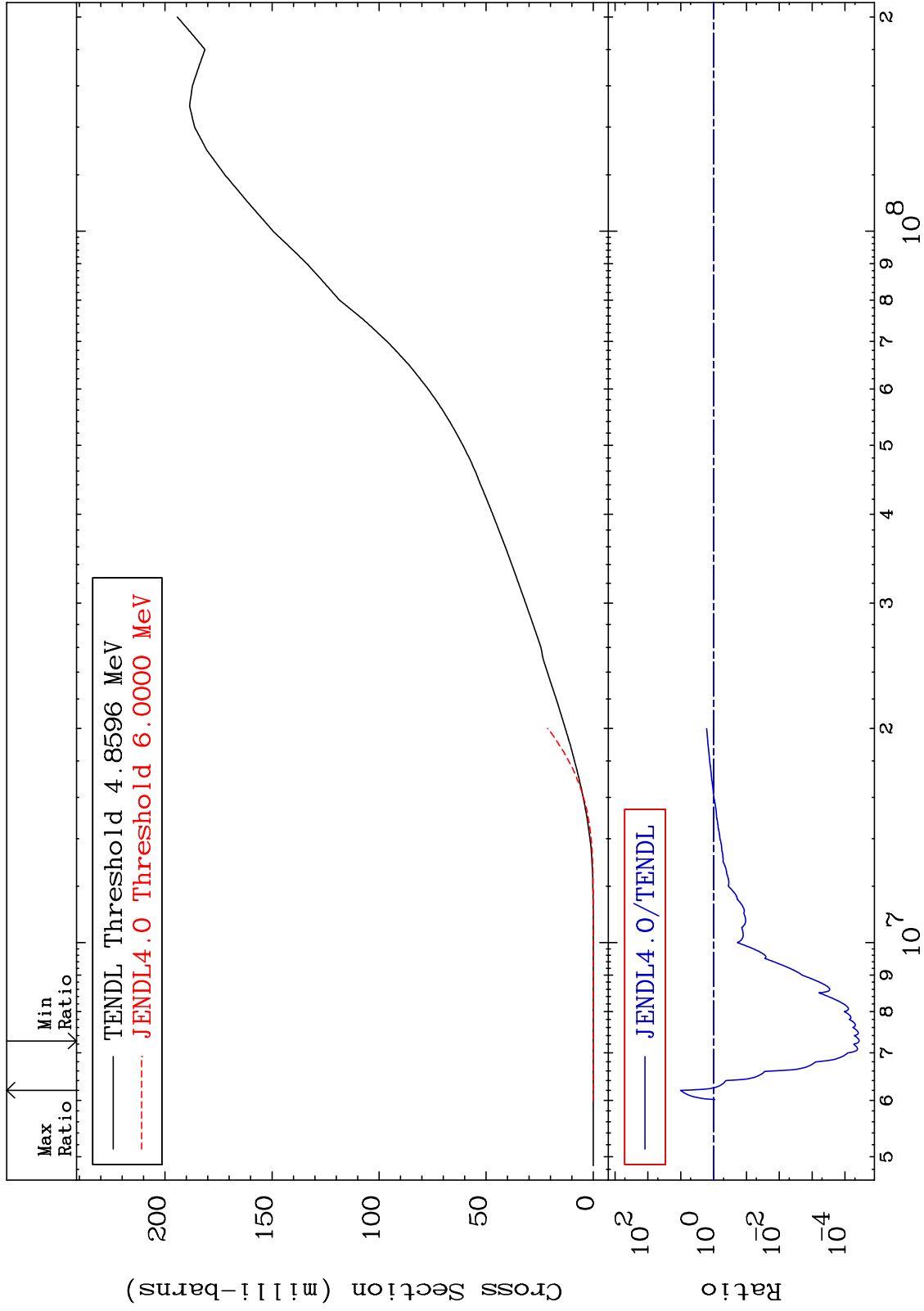
56-Ba-130
-100.0 To 165.4 %



MAT 5625

Deuterium Production
Cross Section

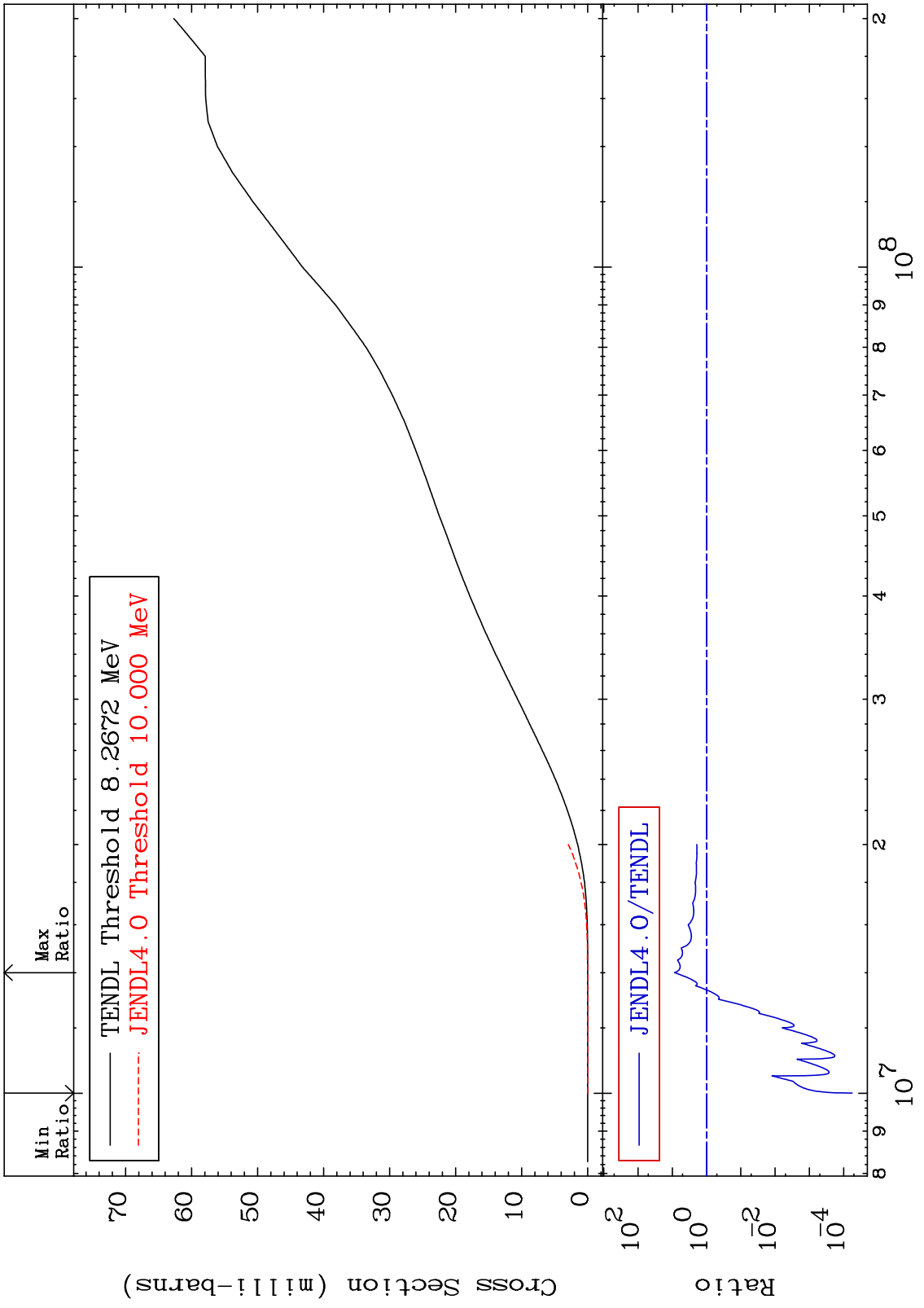
56-Ba-130
-100.0 To 909.2 %



MAT 5625

Tritium Production
Cross Section

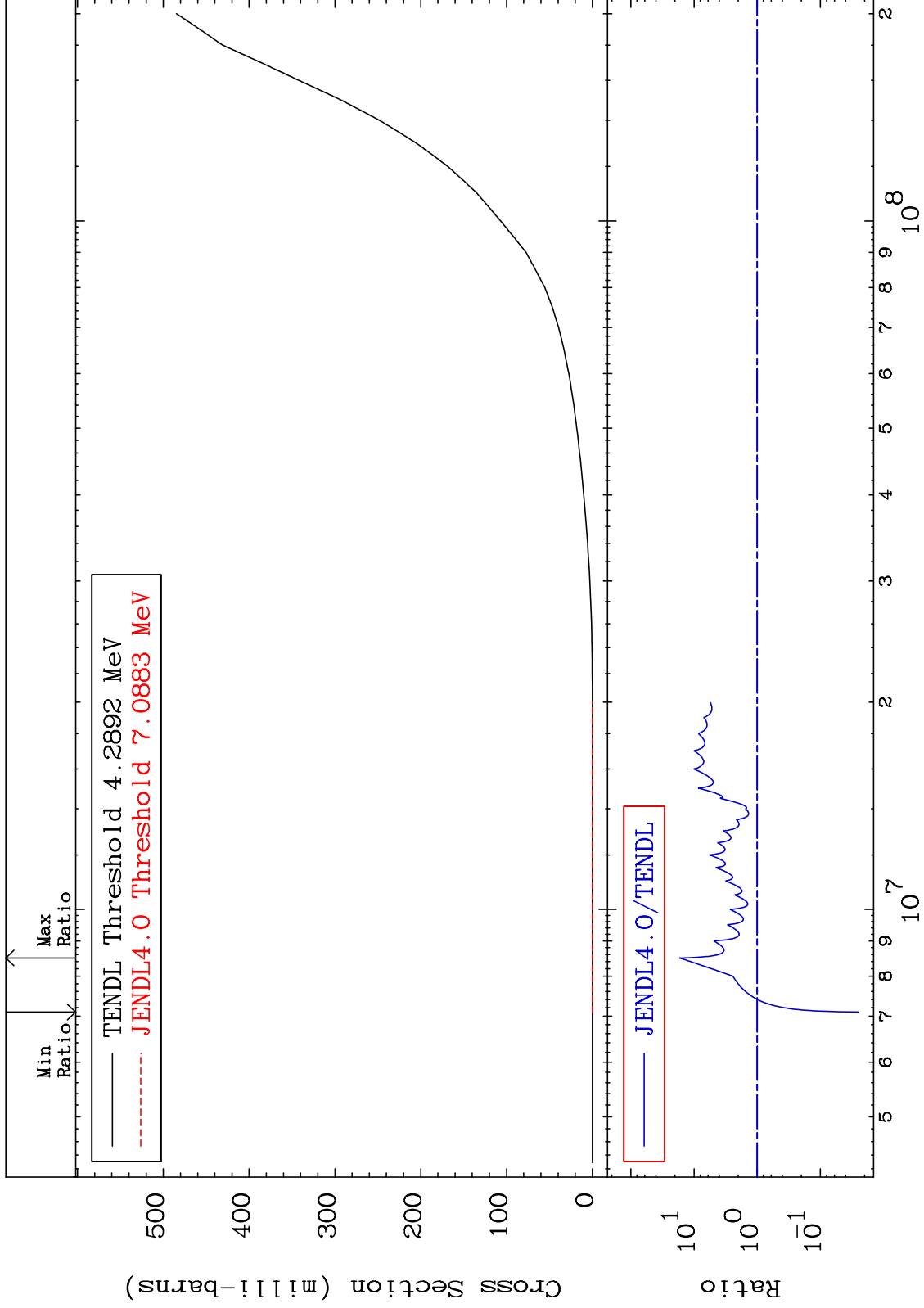
56-Ba-130
-99.99 To 756.4 %



MAT 5625

He-3 Production
Cross Section

56-Ba-130
-97.49 To 1580. %



27

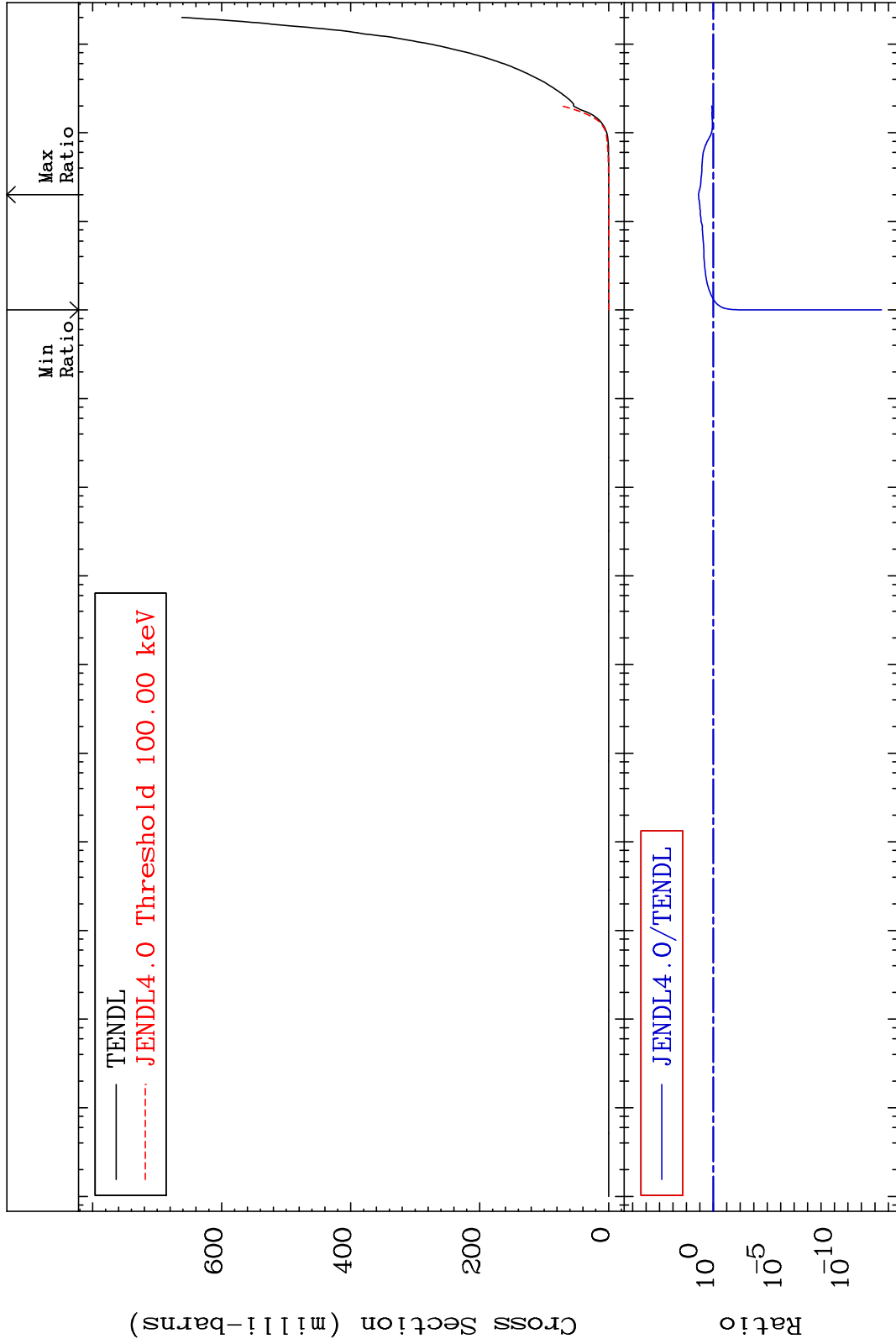
Incident Energy (eV)

56-Ba-130

MAT 5625

He-4 Production
Cross Section

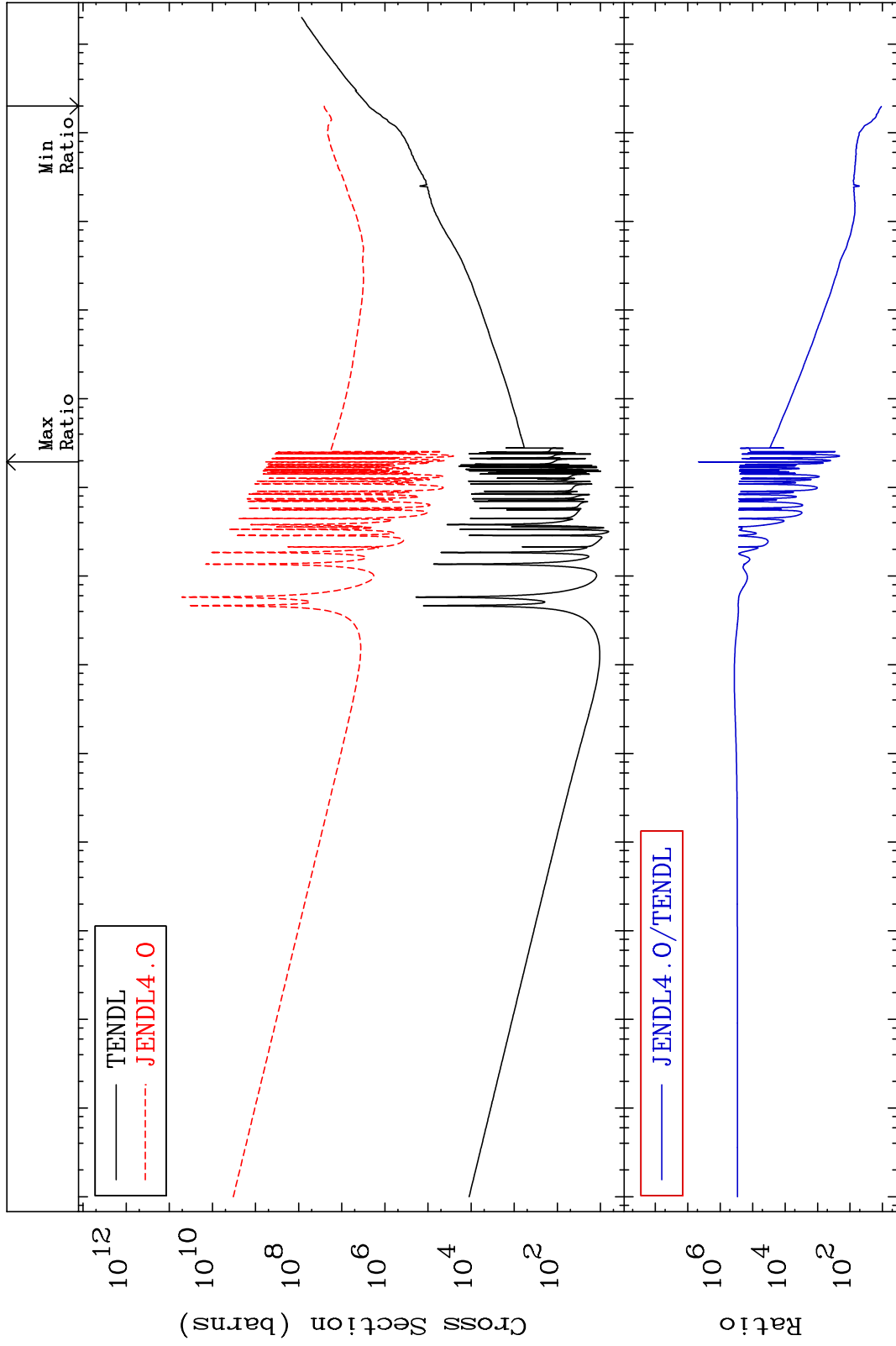
56-Ba-130
-100.0 To 1199. %



MAT 5625

Kerma total (eV-barns)
Cross Section

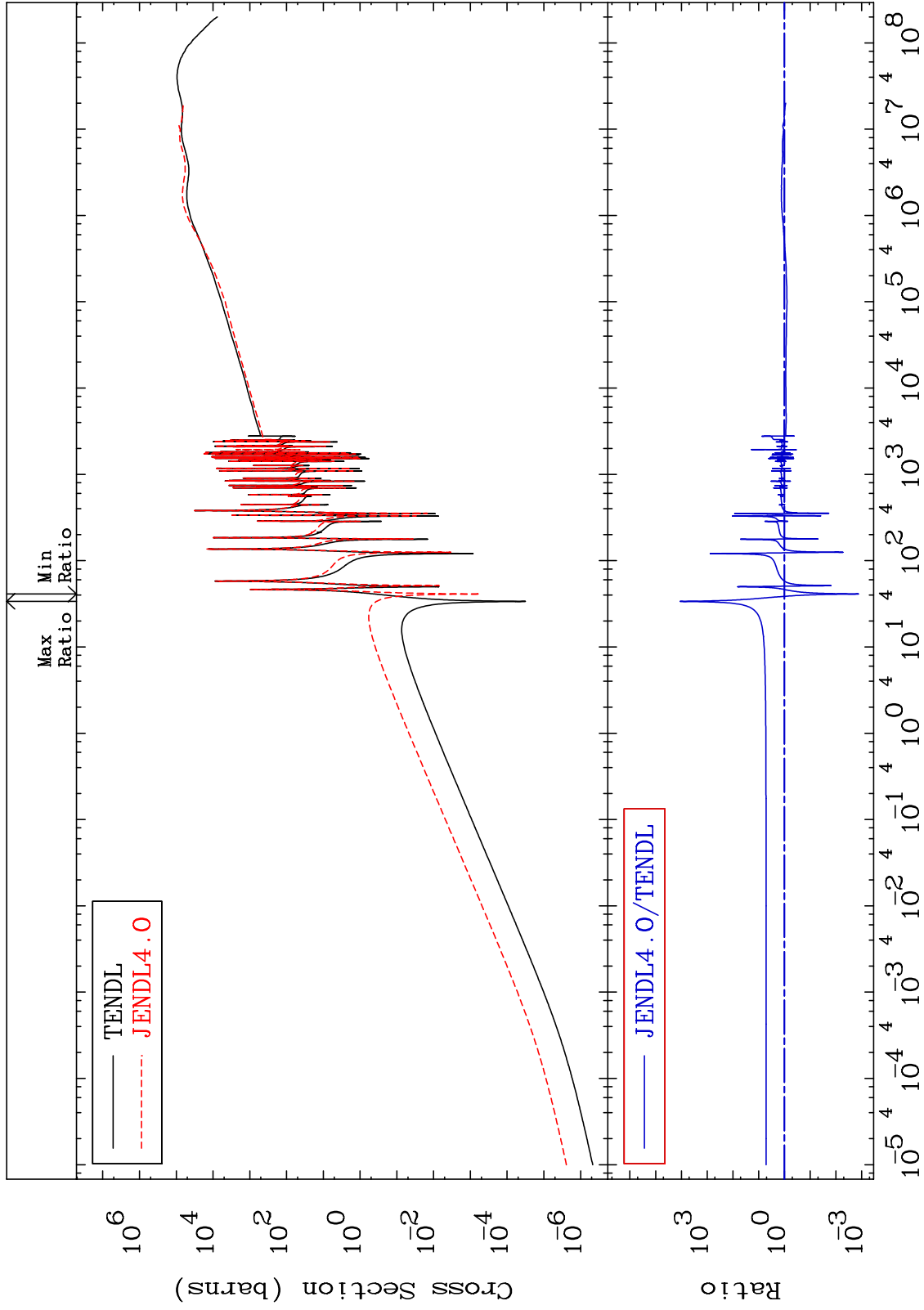
56-Ba-130
967.9 To 9999. %



MAT 5625

Kerma elastic
Cross Section

56-Ba-130
-99.87 To 9999. %



30

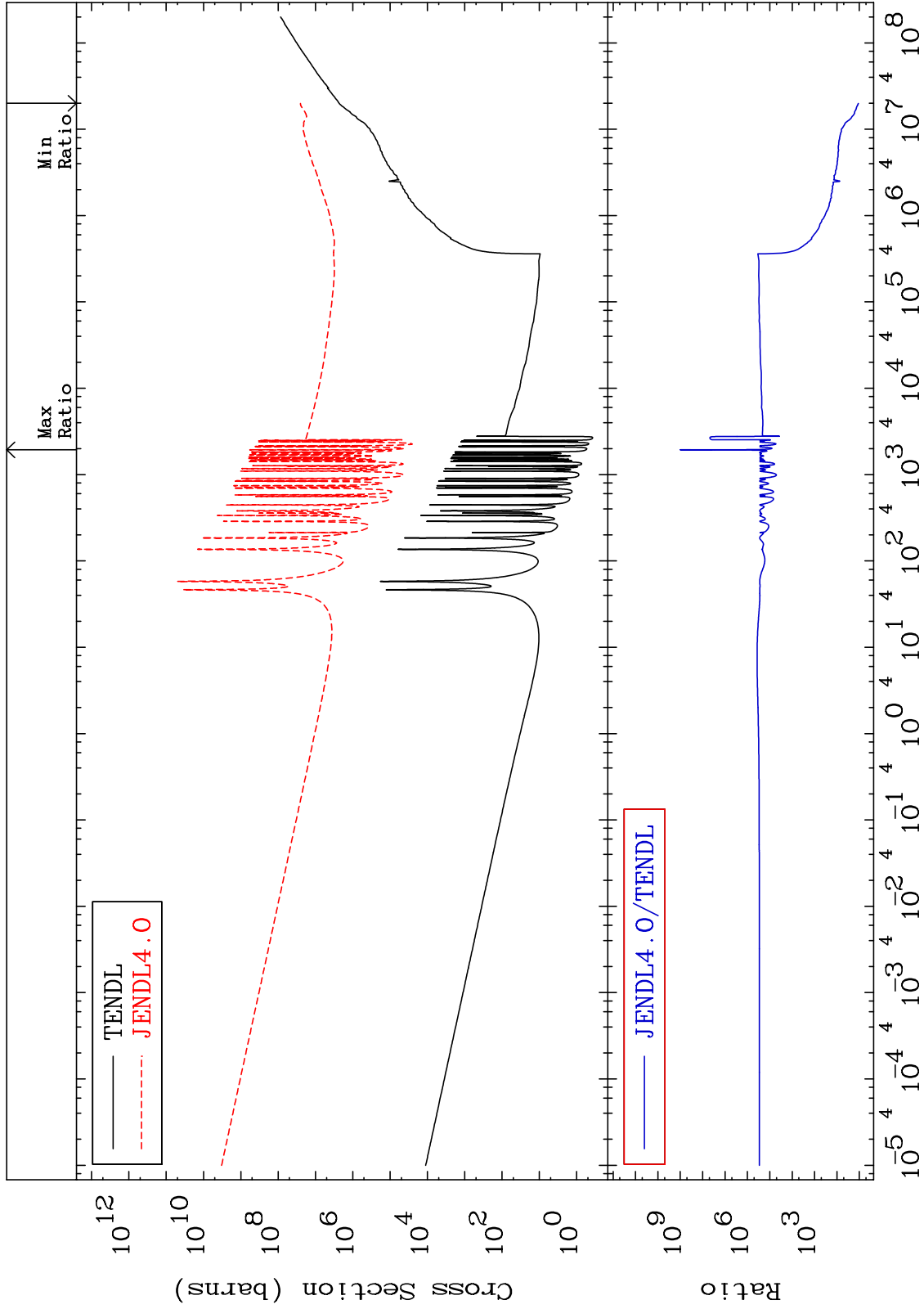
Incident Energy (eV)

56-Ba-130

MAT 5625

Kerma non-elastic (all but mt2)
Cross Section

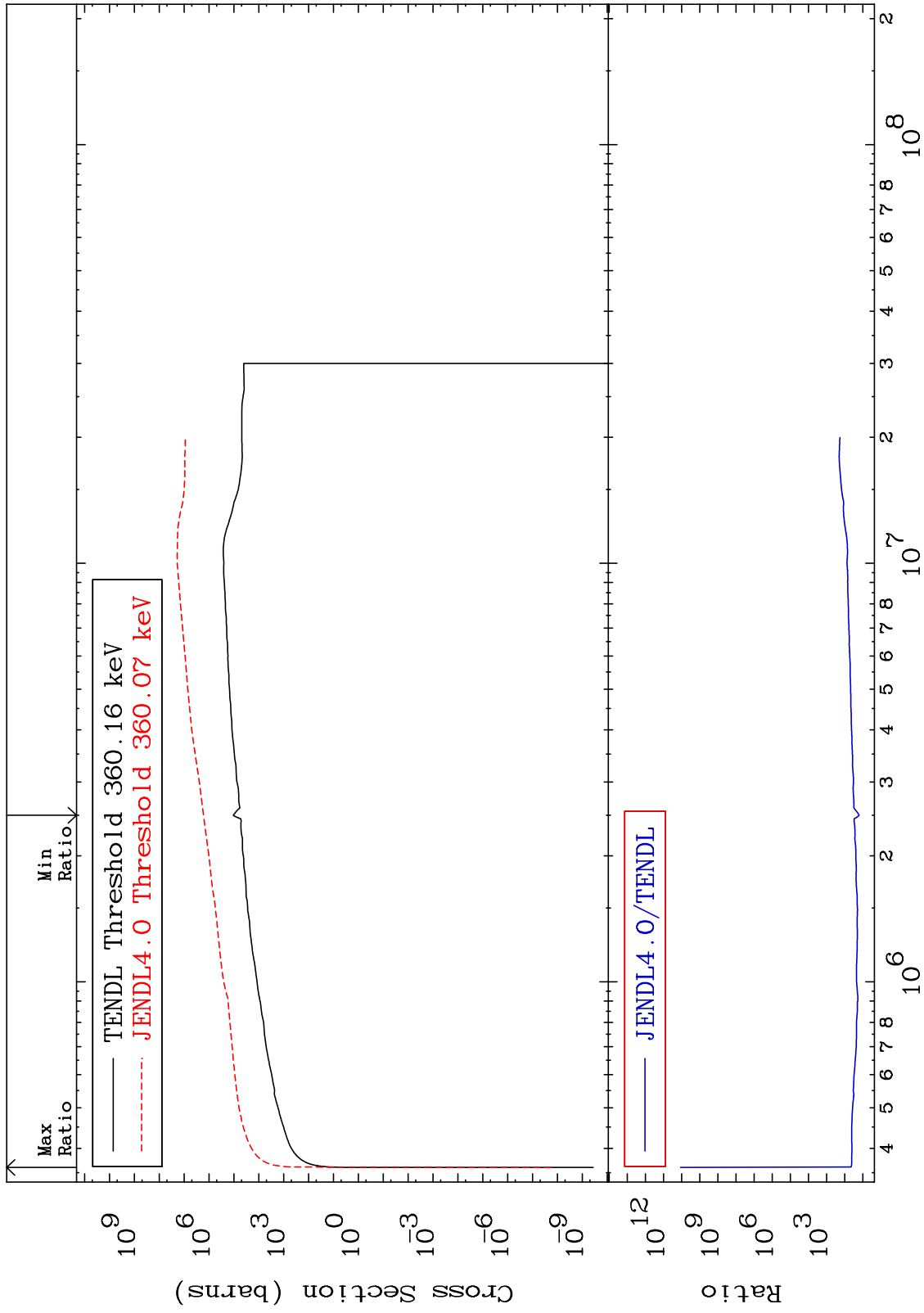
56-Ba-130
997.9 To 9999. %



MAT 5625

Kerma inelastic (mt51-91)
Cross Section

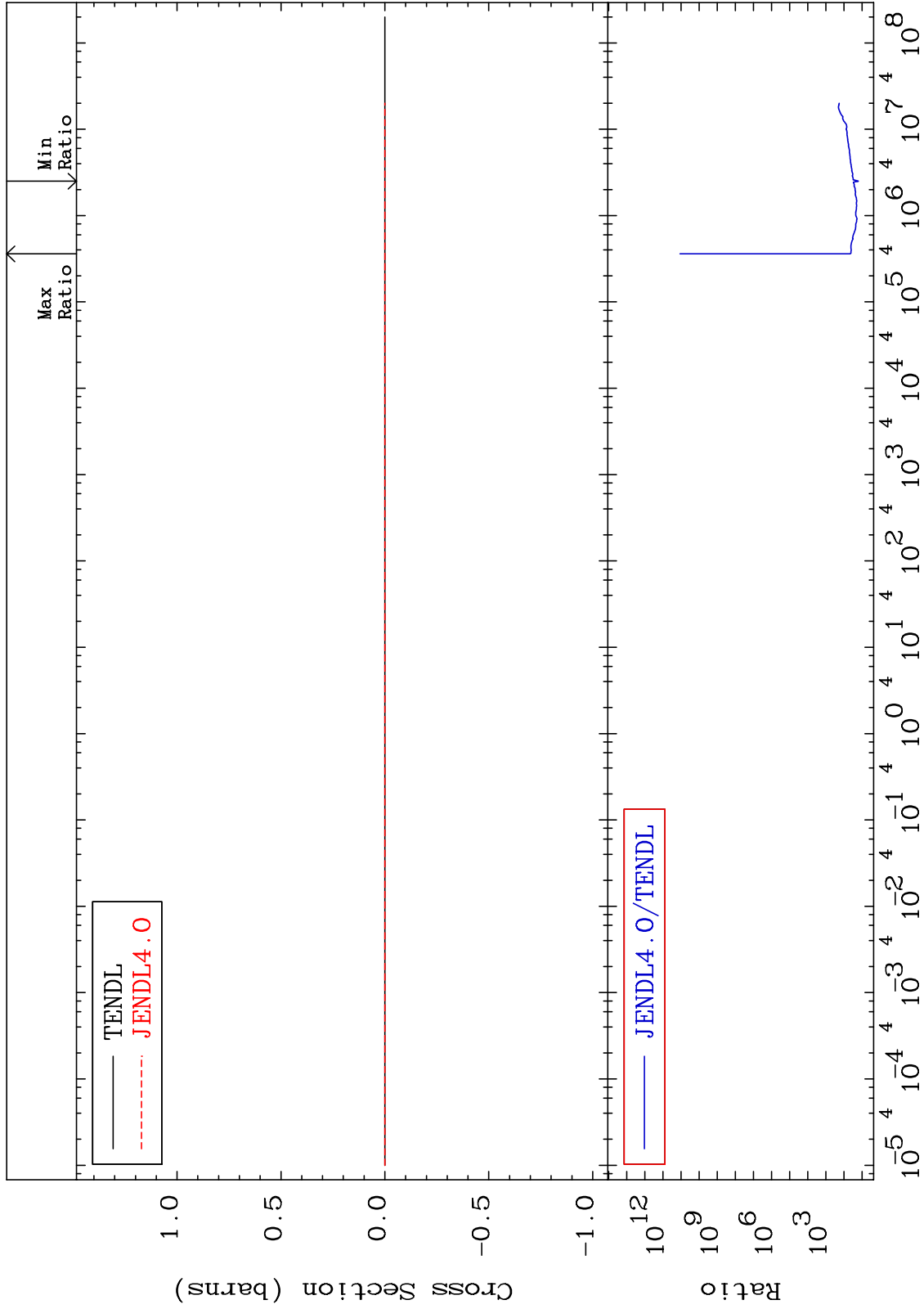
56-Ba-130
1485. To 9999. %



MAT 5625

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

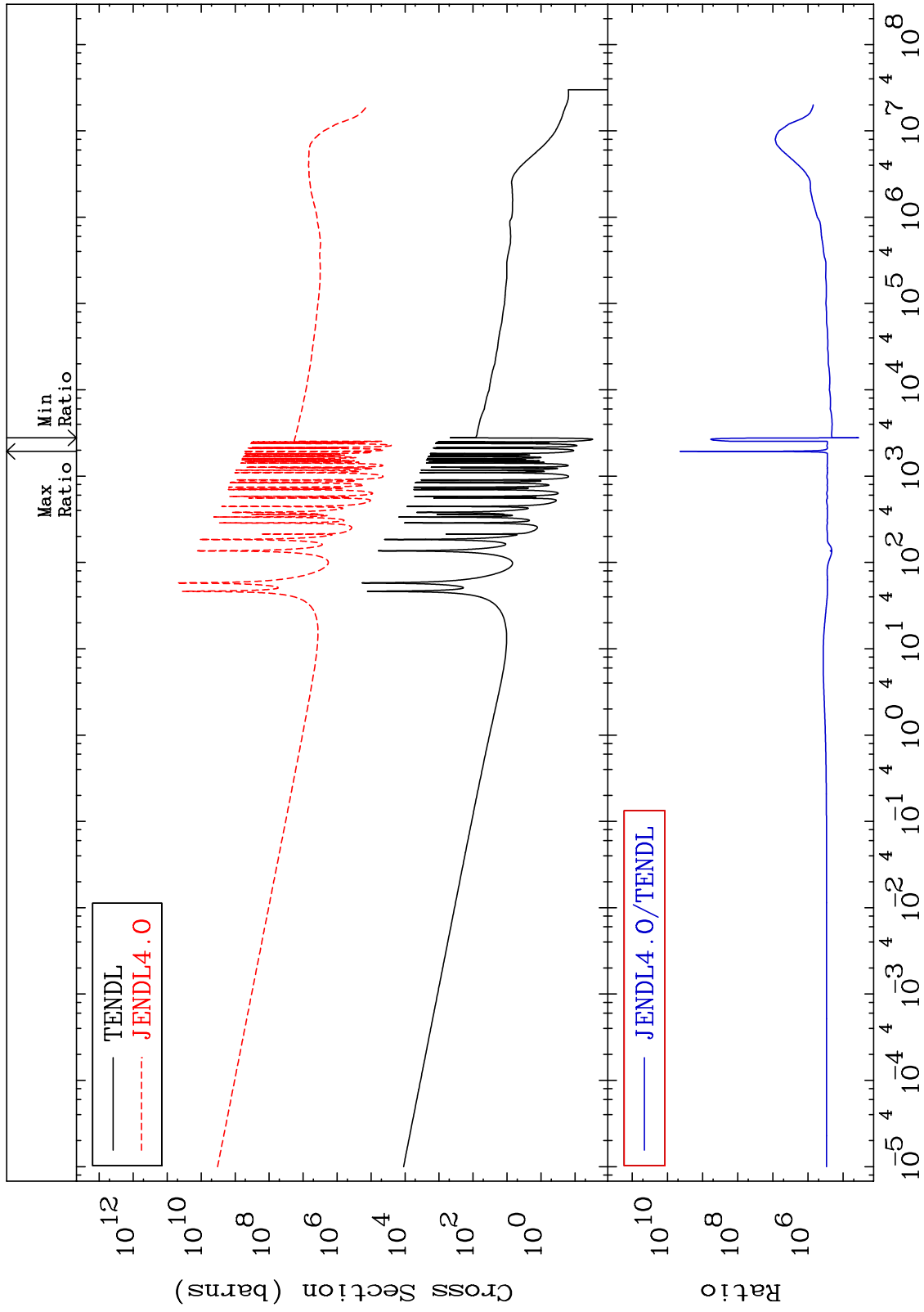
56-Ba-130
1485. To 9999. %



MAT 5625

Kerma capture (mt102)
Cross Section

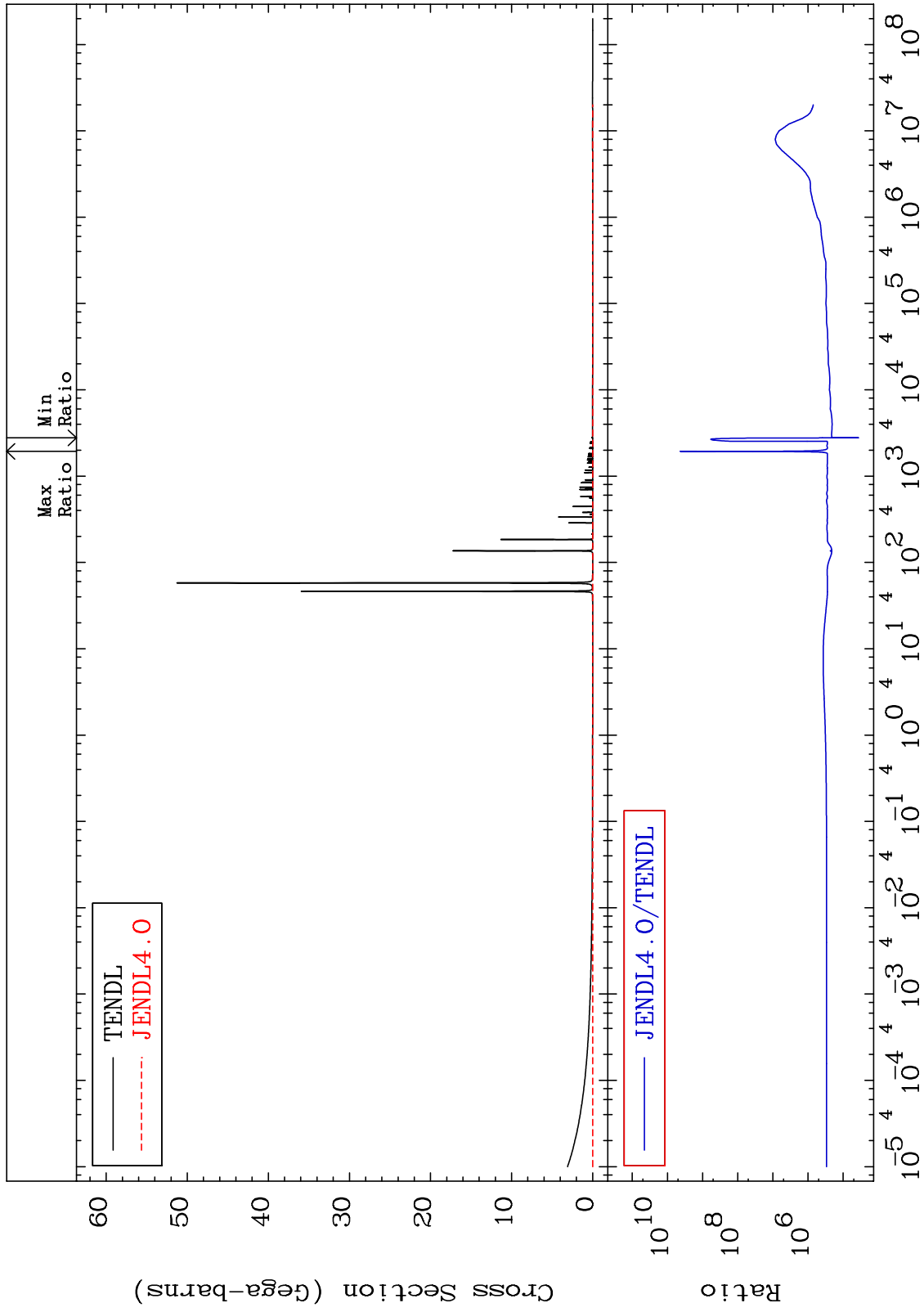
56-Ba-130
9999. To 9999. %



MAT 5625

Total photon (eV-barns)
Cross Section

56-Ba-130
9999. To 9999. %



35

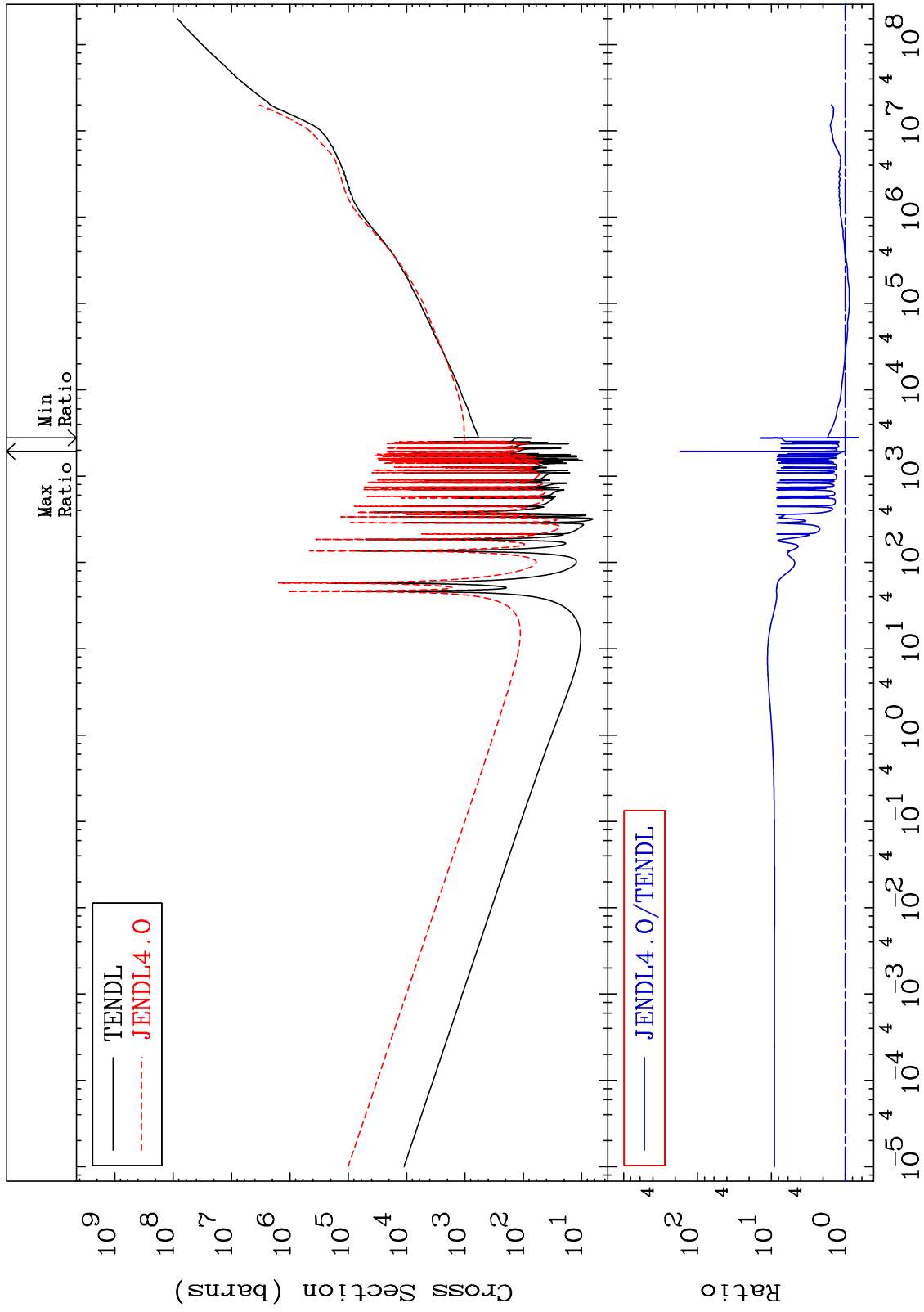
Incident Energy (eV)

56-Ba-130

MAT 5625

Total kinematic kerma (high limit)
Cross Section

56-Ba-130
-33.38 To 9999. %



36

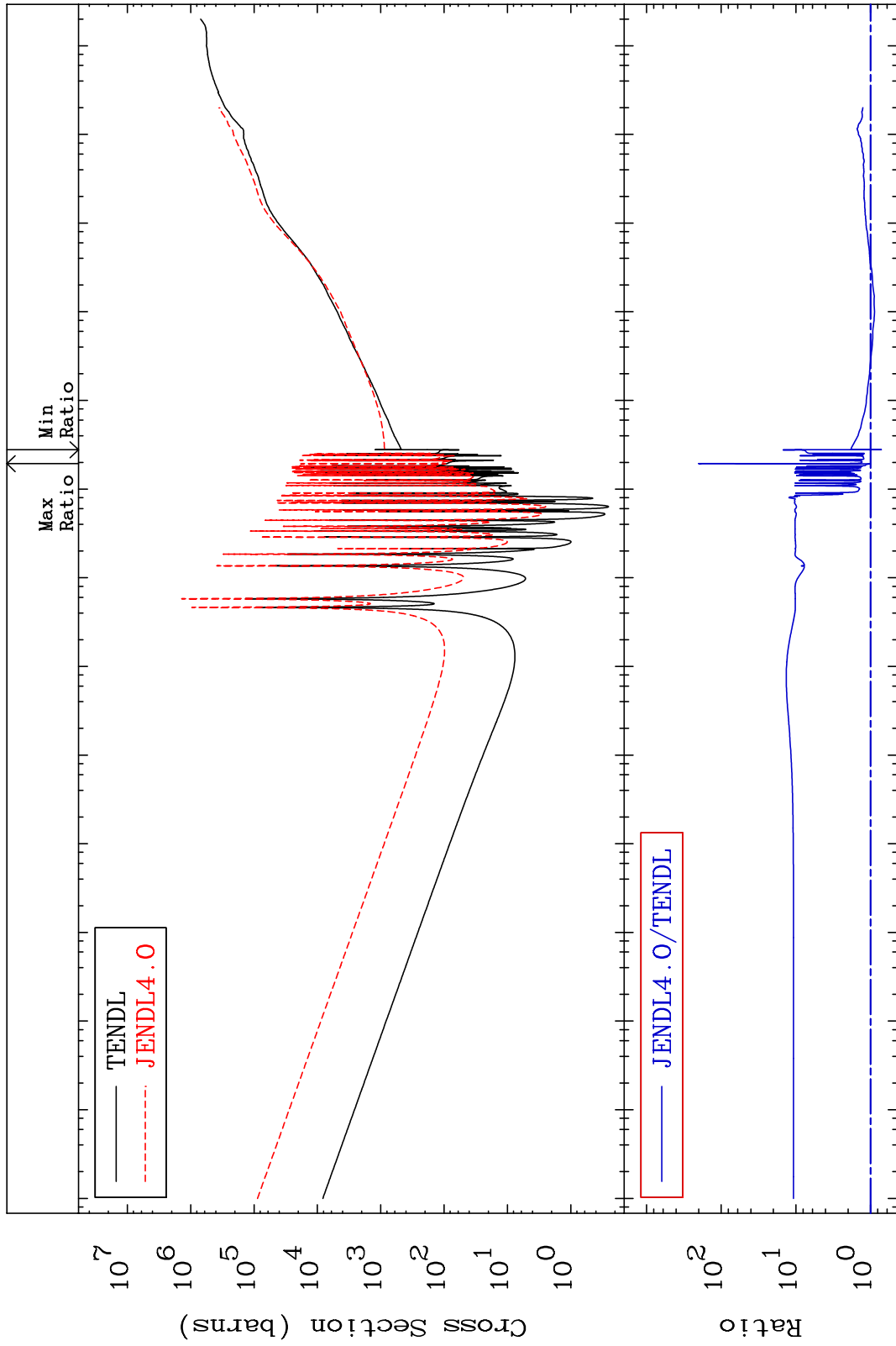
Incident Energy (eV)

56-Ba-130

MAT 5625

Dpa total (eV-barns)
Cross Section

56-Ba-130
-28.75 To 9999. %



37

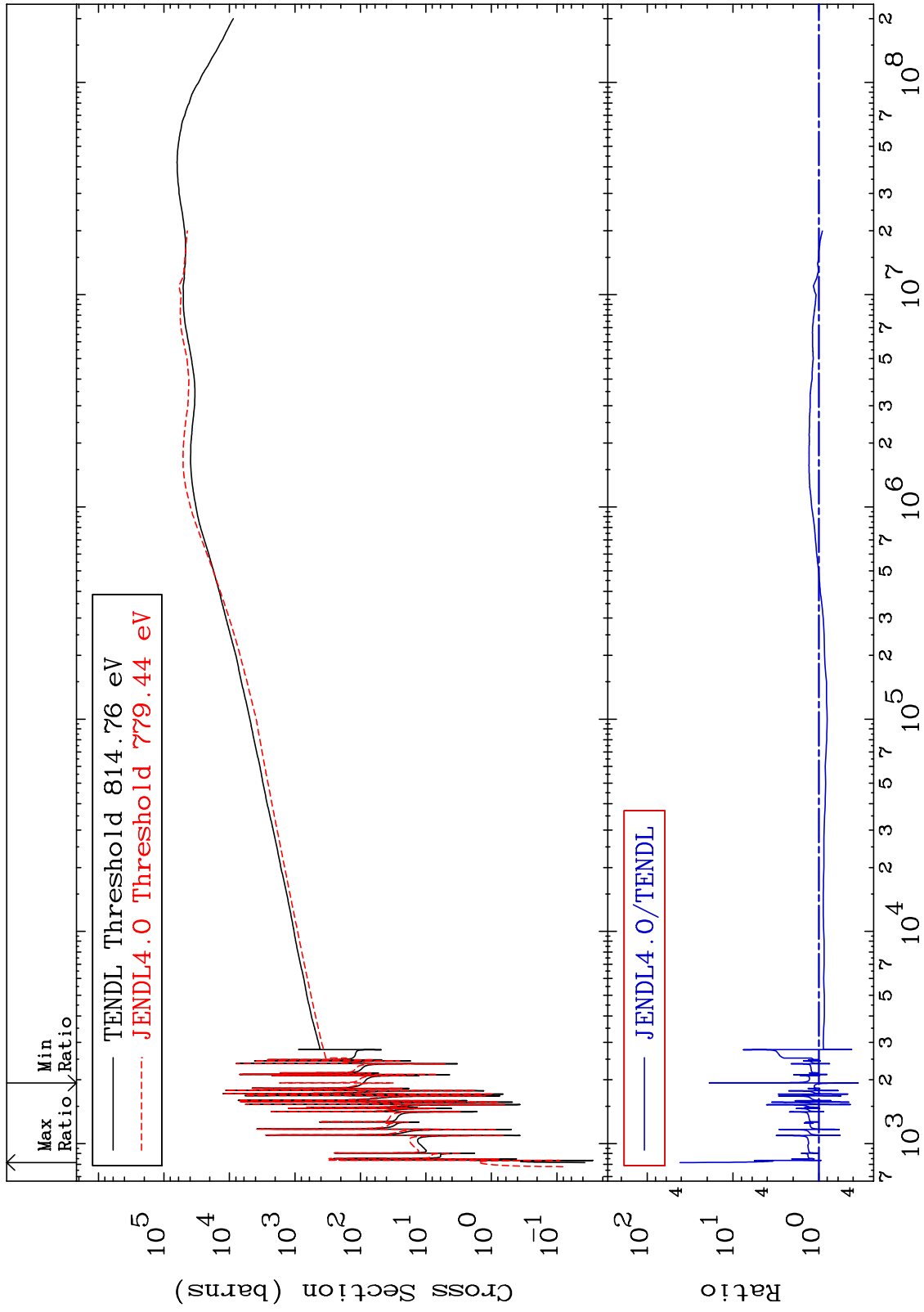
Incident Energy (eV)

56-Ba-130

MAT 5625

Dpa elastic (mt2)
Cross Section

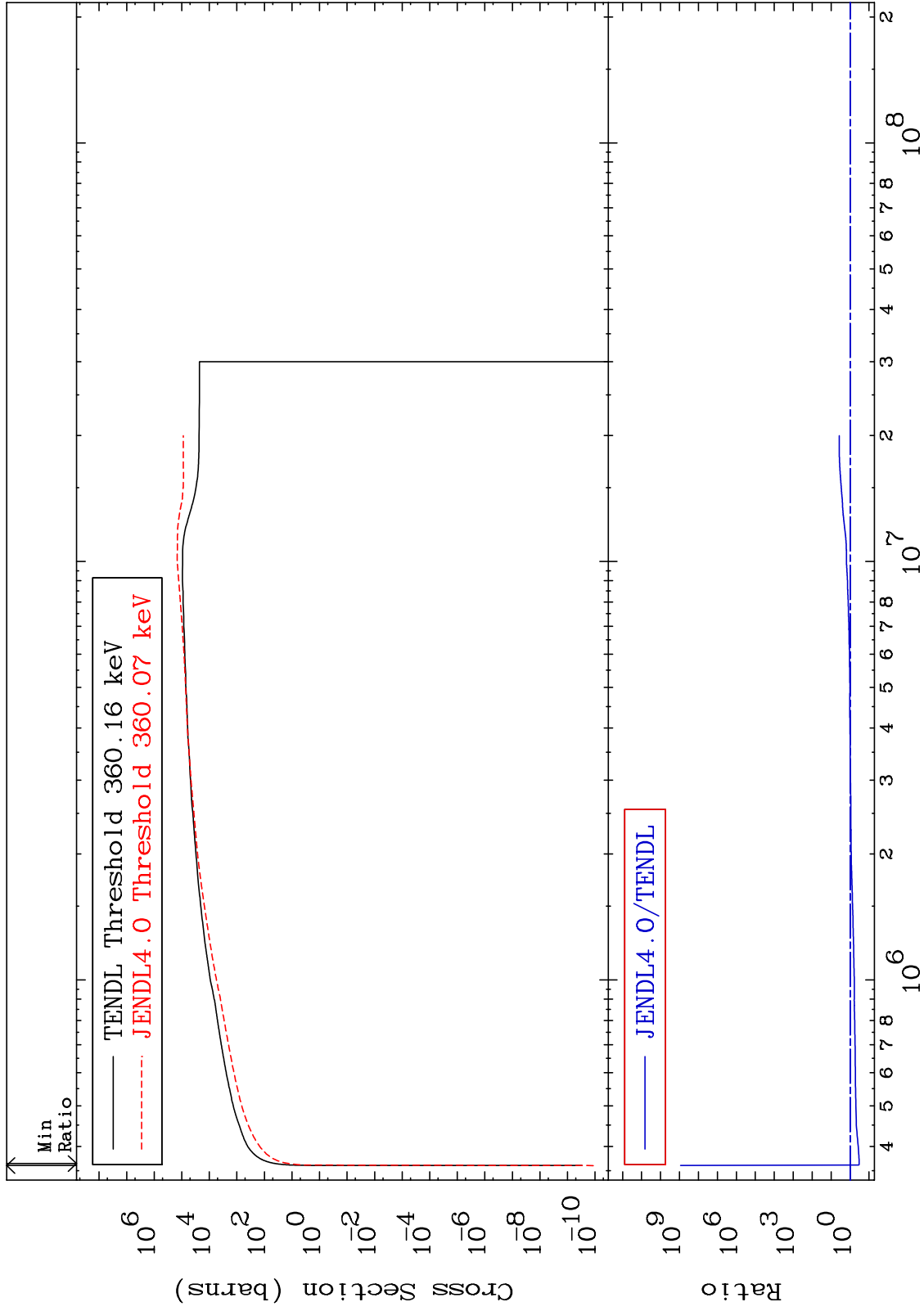
56-Ba-130
-65.29 To 4043. %



MAT 5625

Dpa inelastic (mt51-91)
Cross Section

56-Ba-130
-66.88 To 9999. %



MAT 5625

Dpa disappearance (mt102 -120)
Cross Section

56-Ba-130
-18.74 To 9999. %

