

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

MAT 5625

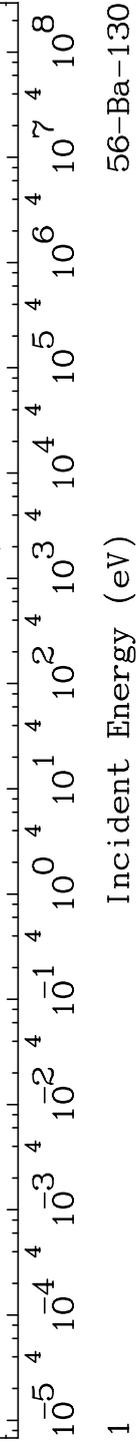
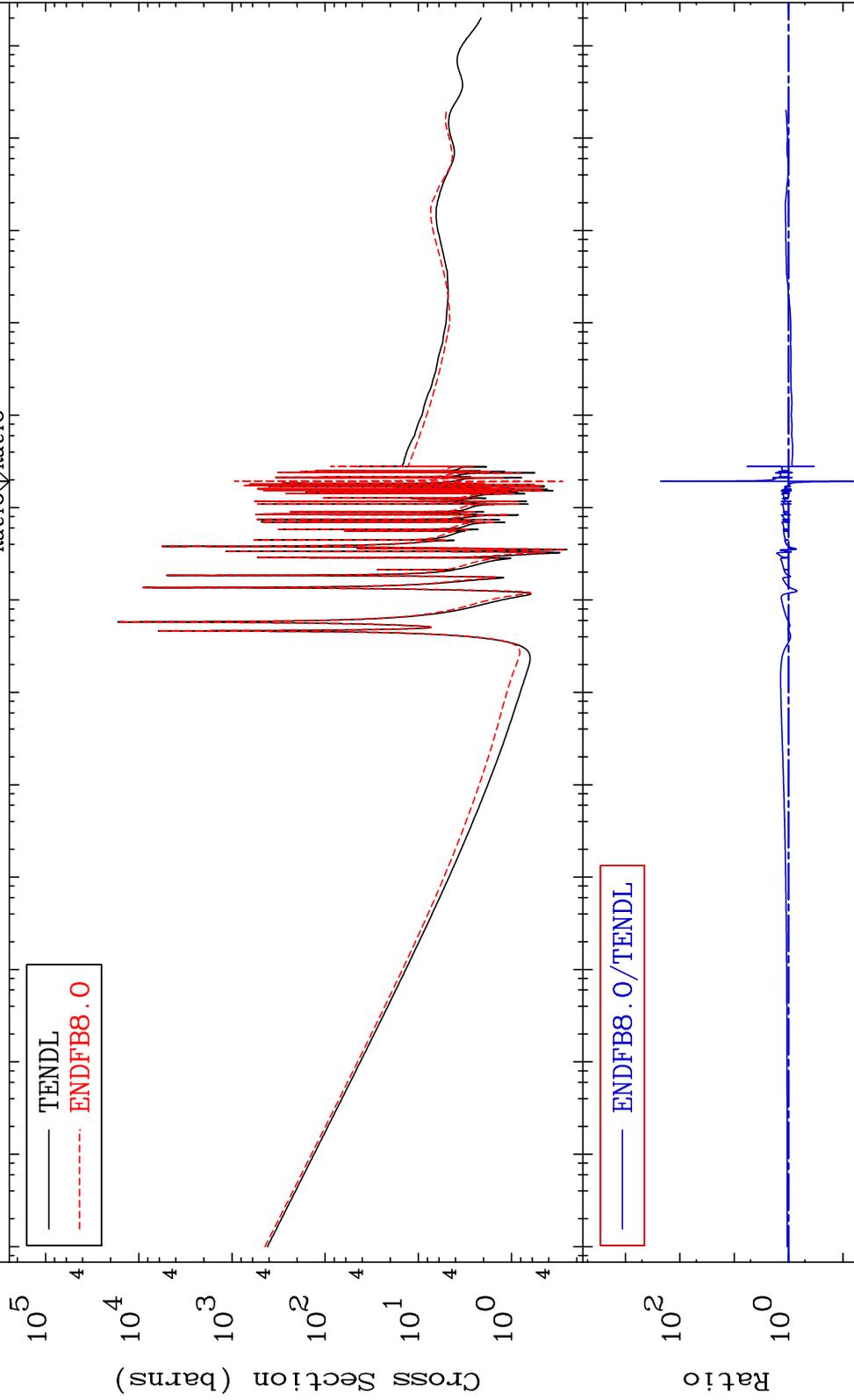
Total

56-Ba-130

-93.57 To 9999. %

Cross Section

Min Ratio Max Ratio



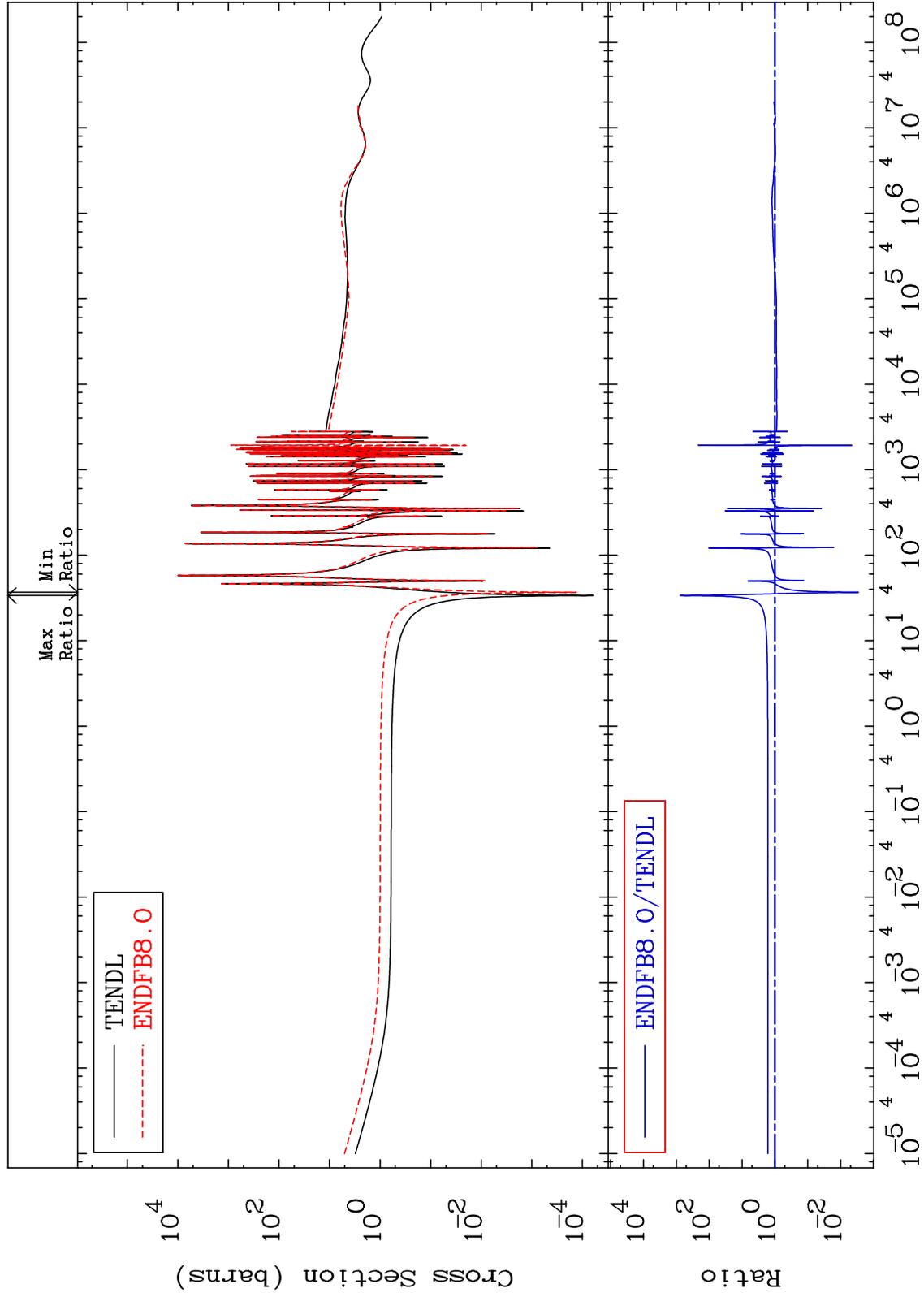
Incident Energy (eV)

56-Ba-130

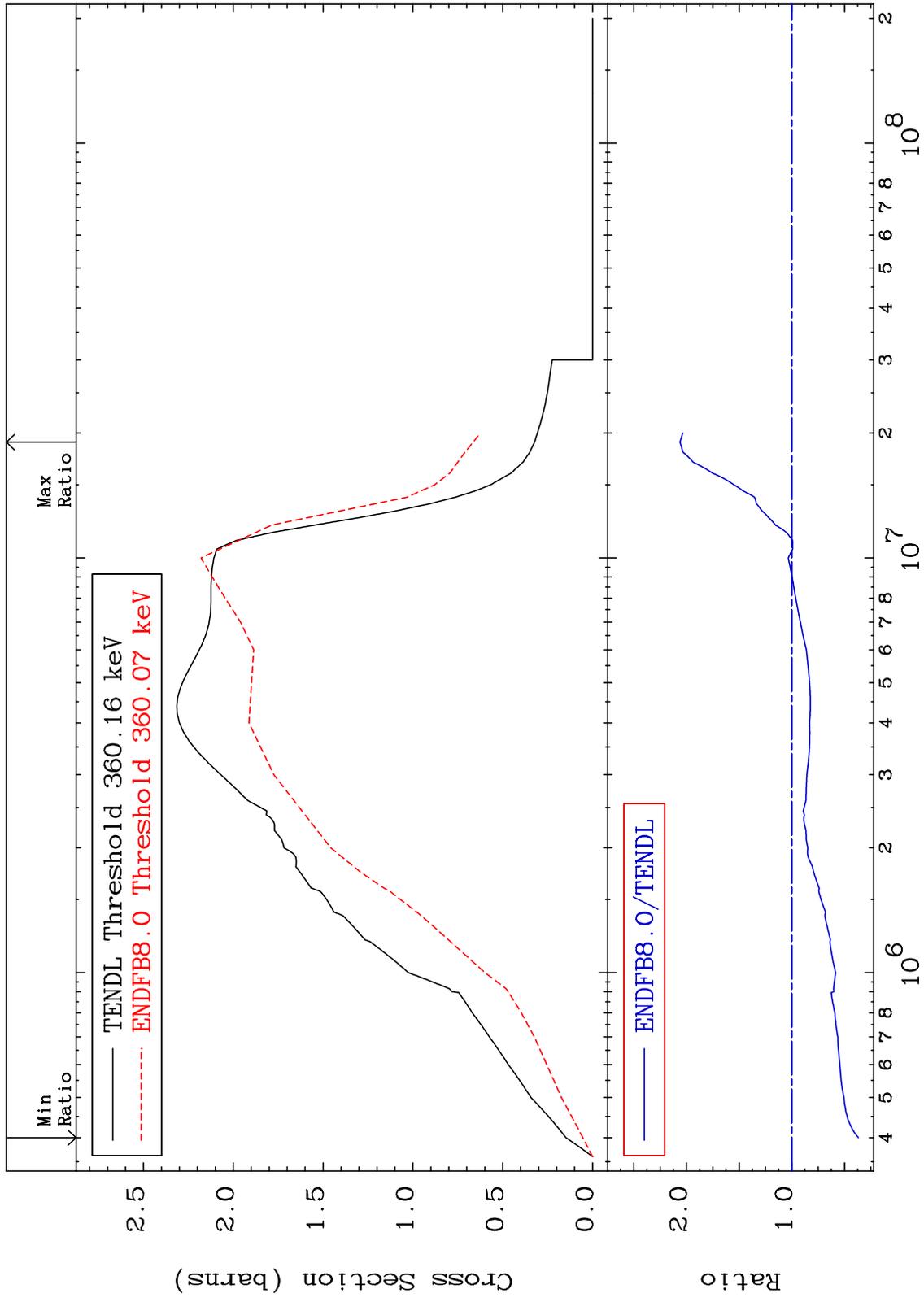
MAT 5625

Elastic  
Cross Section

56-Ba-130  
-99.71 To 9999. %



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



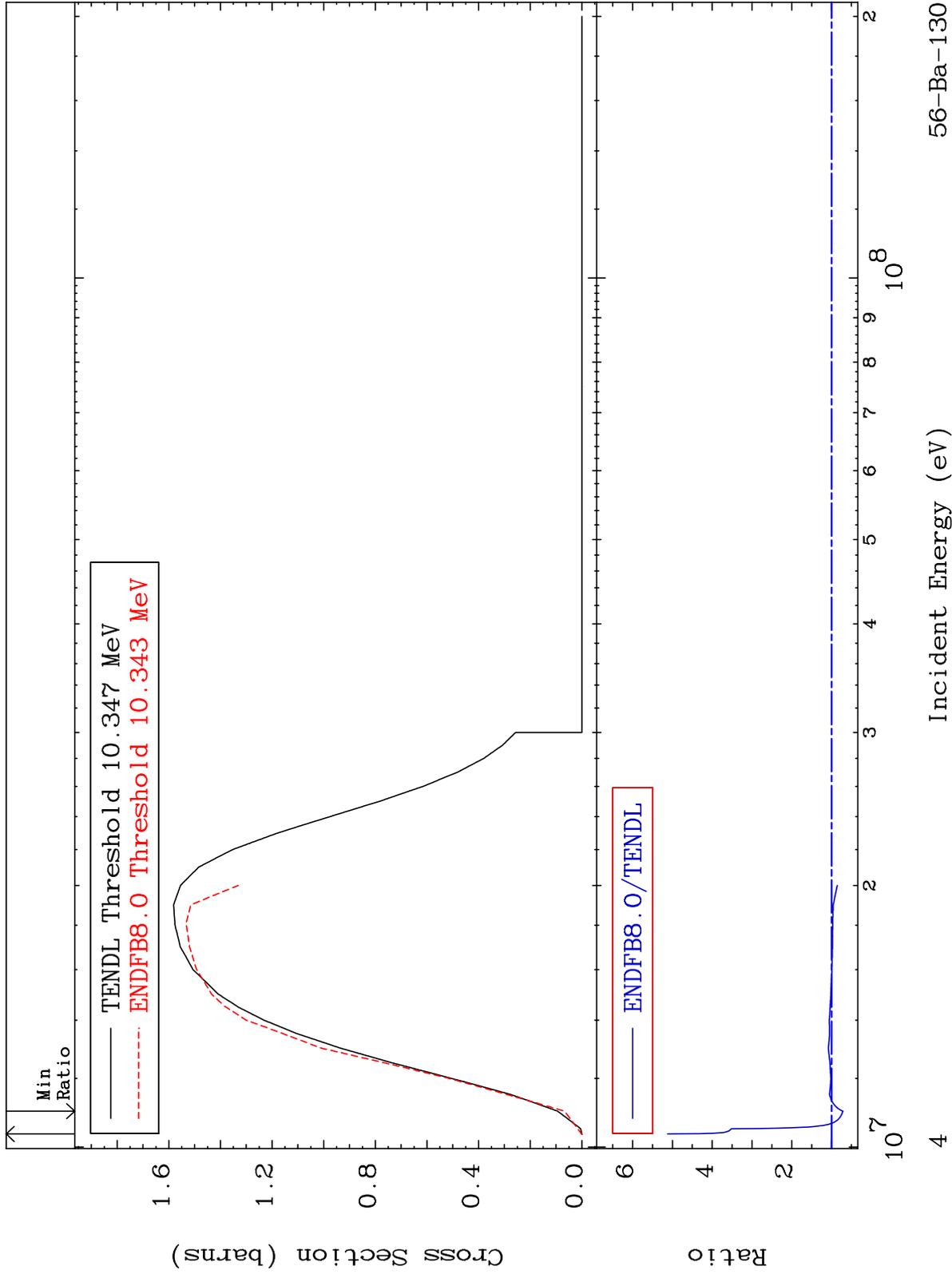
MAT 5625

(n,2n)

56-Ba-130

Cross Section

-28.38 To 412.0 %



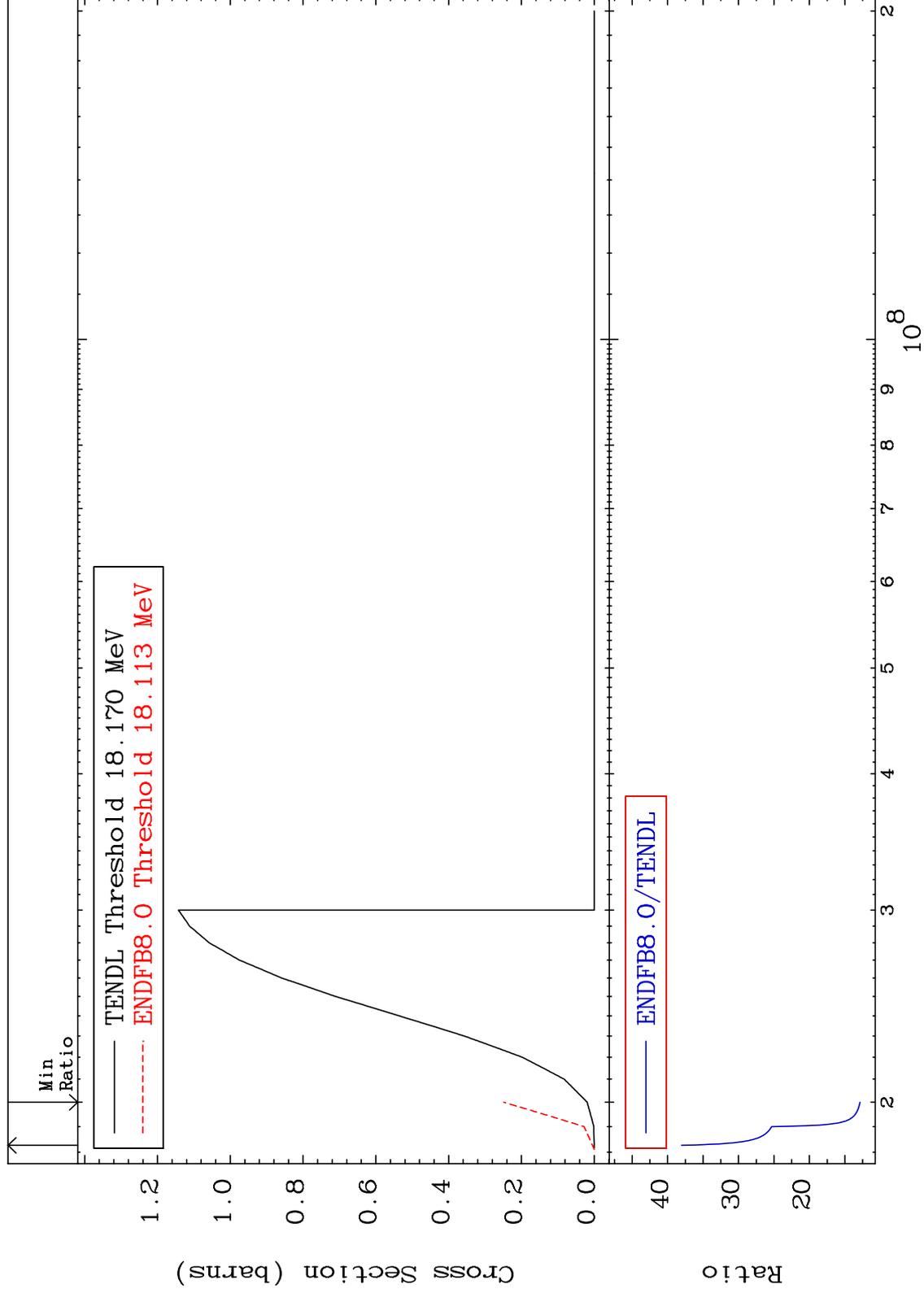
MAT 5625

(n,3n)

56-Ba-130

Cross Section

1187. To 3703. %



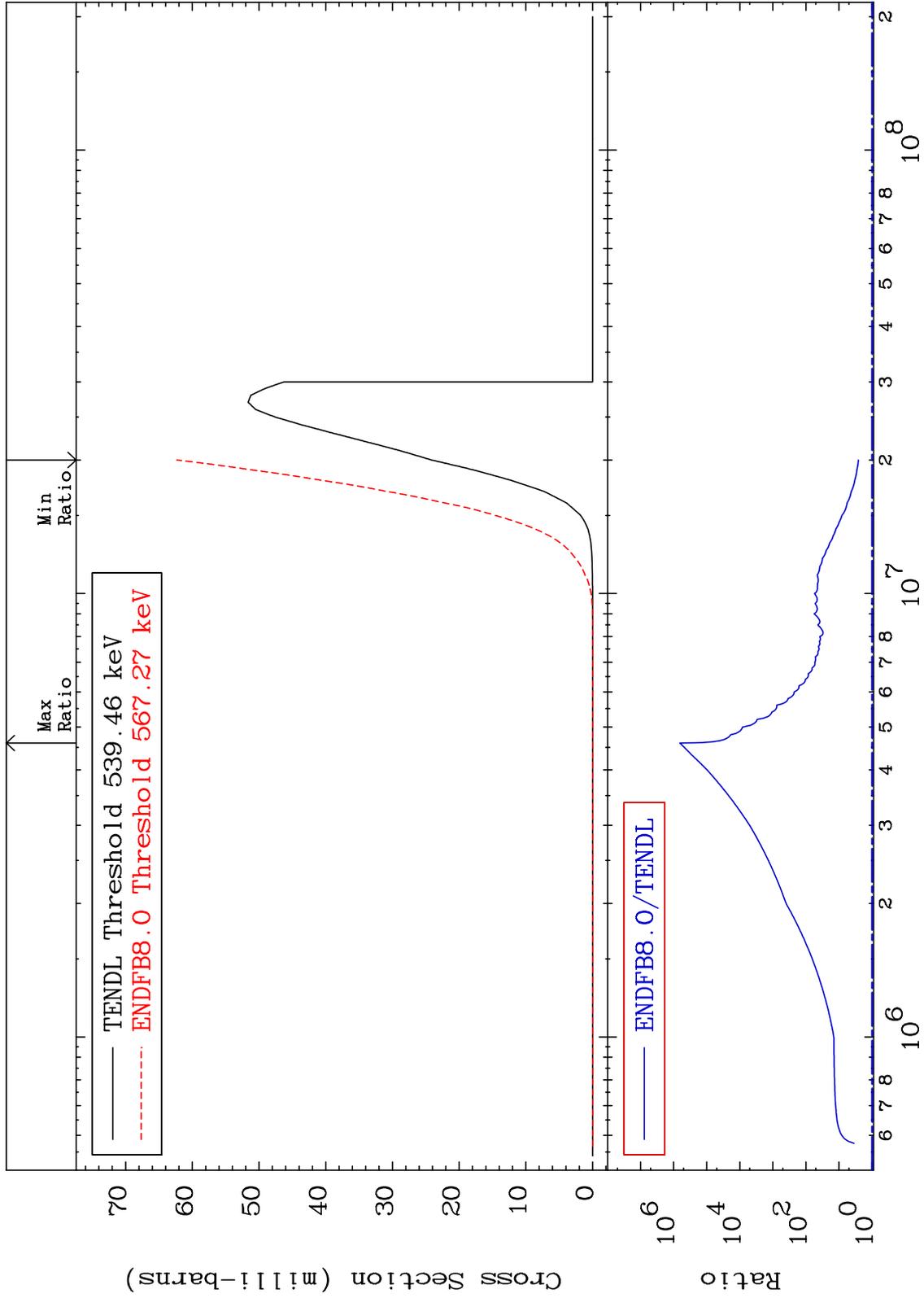
MAT 5625

(n, n')  $\alpha$

56-Ba-130

158.3 To 9999. %

Cross Section



6

Incident Energy (eV)

56-Ba-130

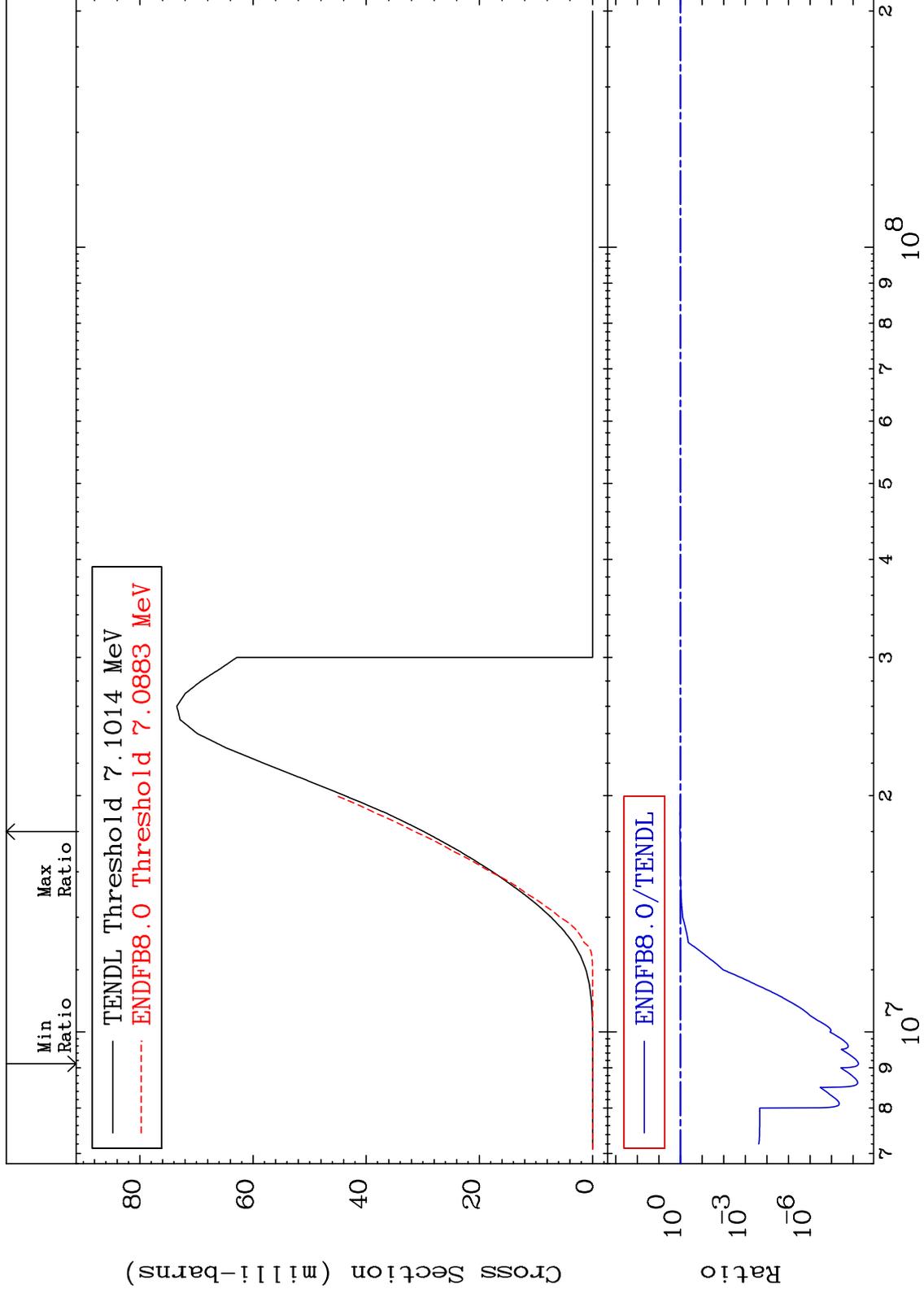
MAT 5625

(n,n') p

56-Ba-130

Cross Section

-100.0 To 5.384 %



7

Incident Energy (eV)

56-Ba-130

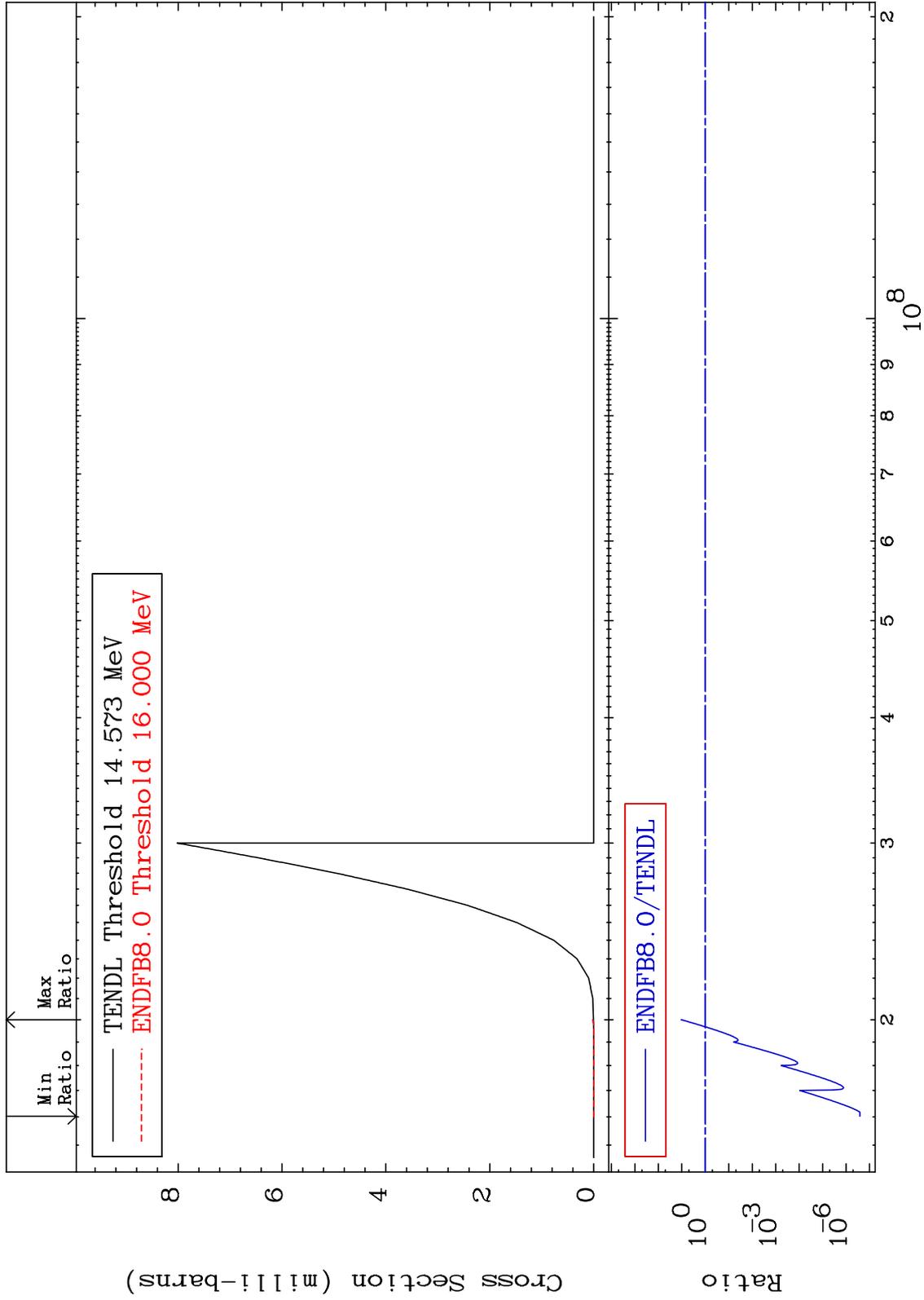
MAT 5625

(n, n') d

56-Ba-130

Cross Section

-100.0 To 969.1 %

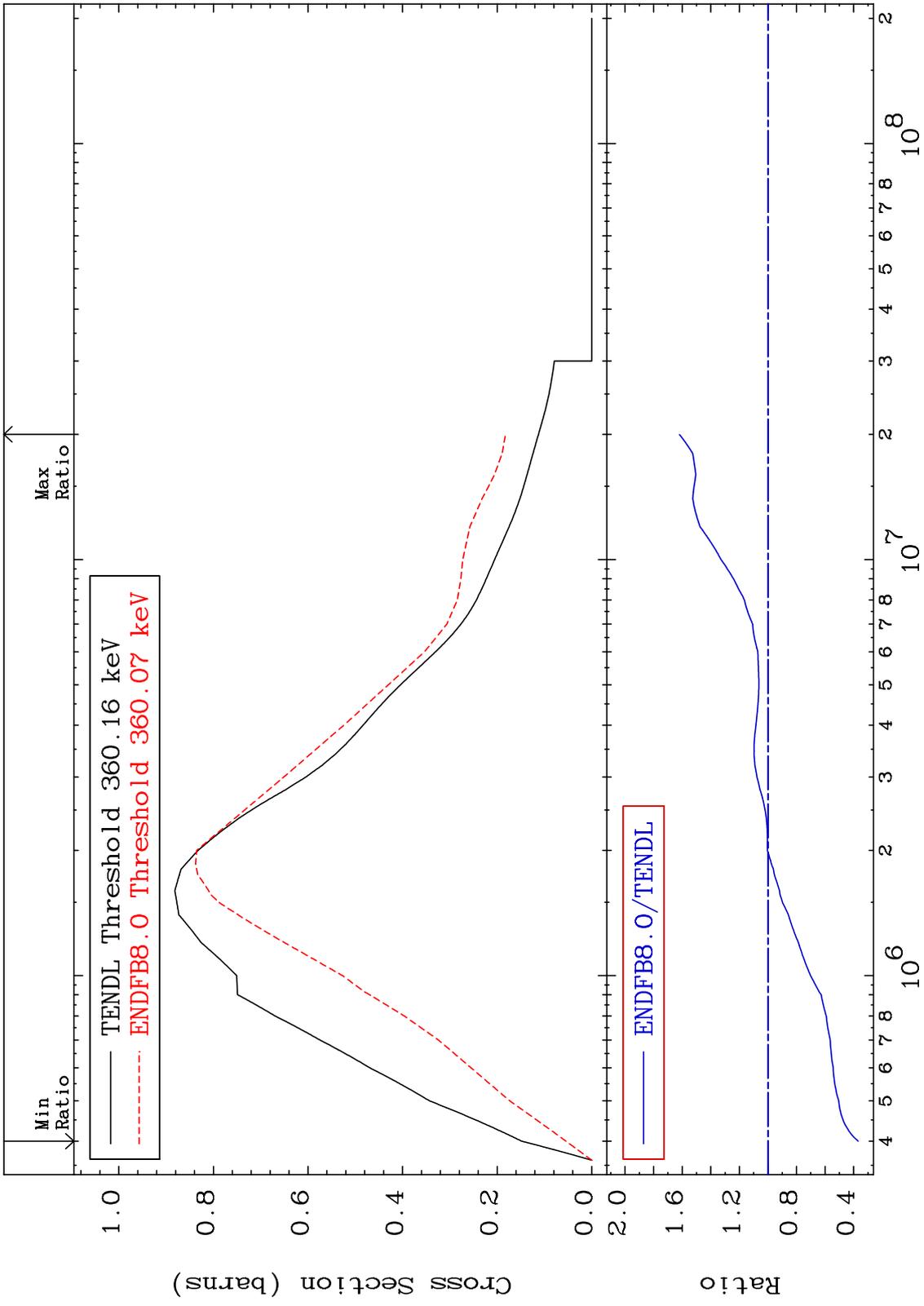


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Incident Energy (eV)

56-Ba-130

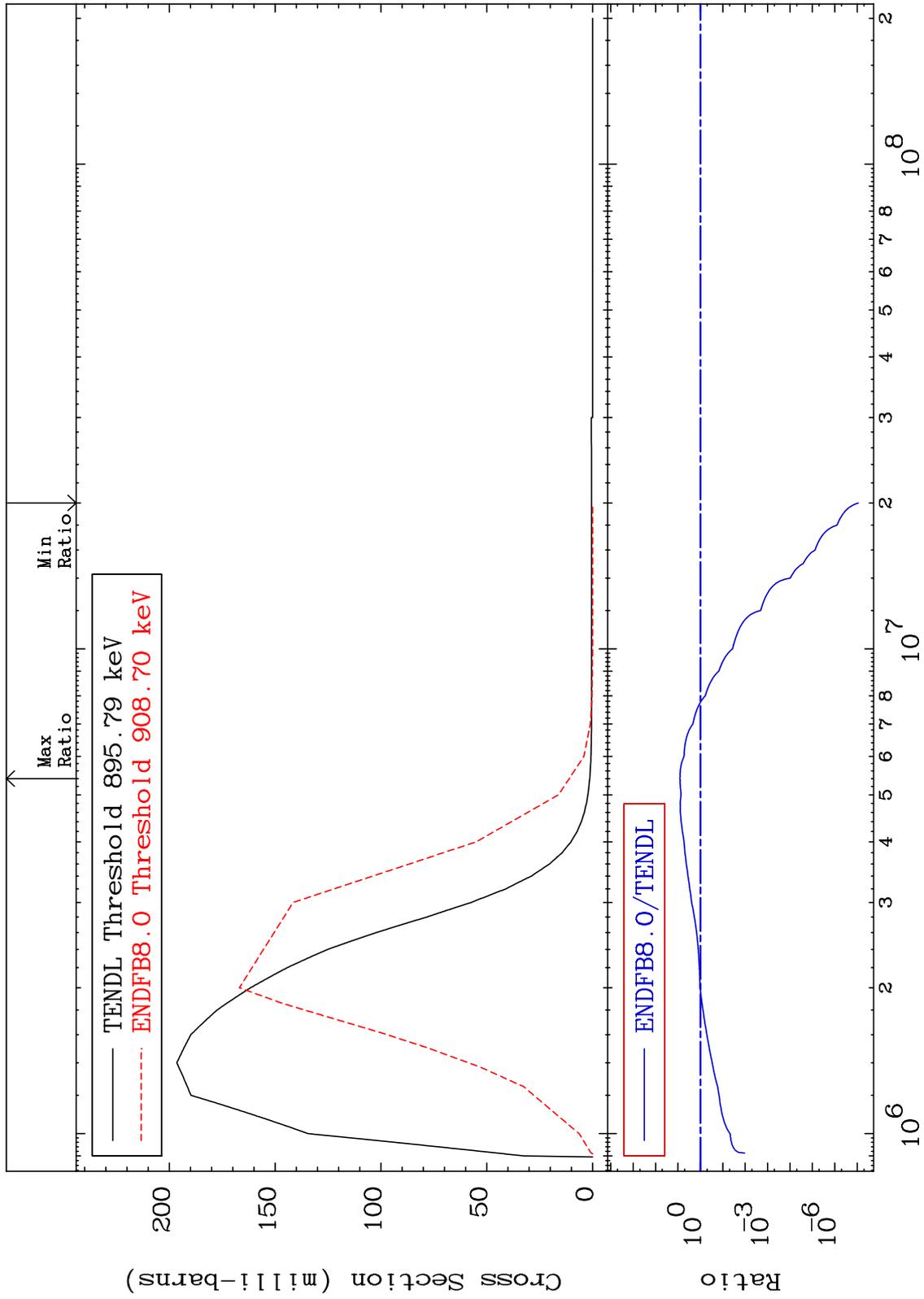
MAT 5625      MT= 51 (n,n') Level Cross Section      56-Ba-130  
 -63.19 To 62.05 %



MAT 5625

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

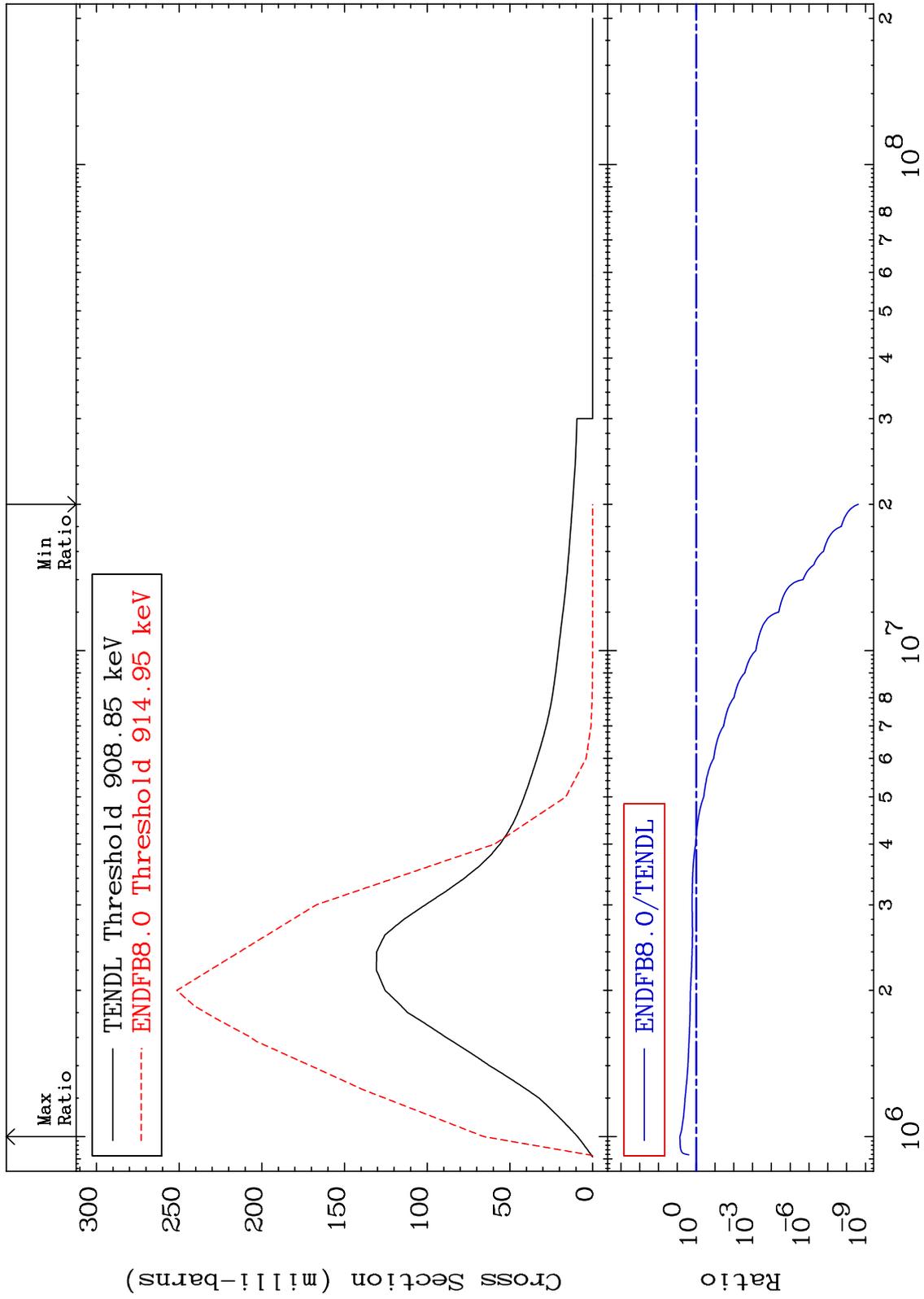
56-Ba-130  
-100.0 To 716.6 %



56-Ba-130

Incident Energy (eV)

MAT 5625 MT= 53 (n,n') Level Cross Section 56-Ba-130 -100.0 To 625.9 %

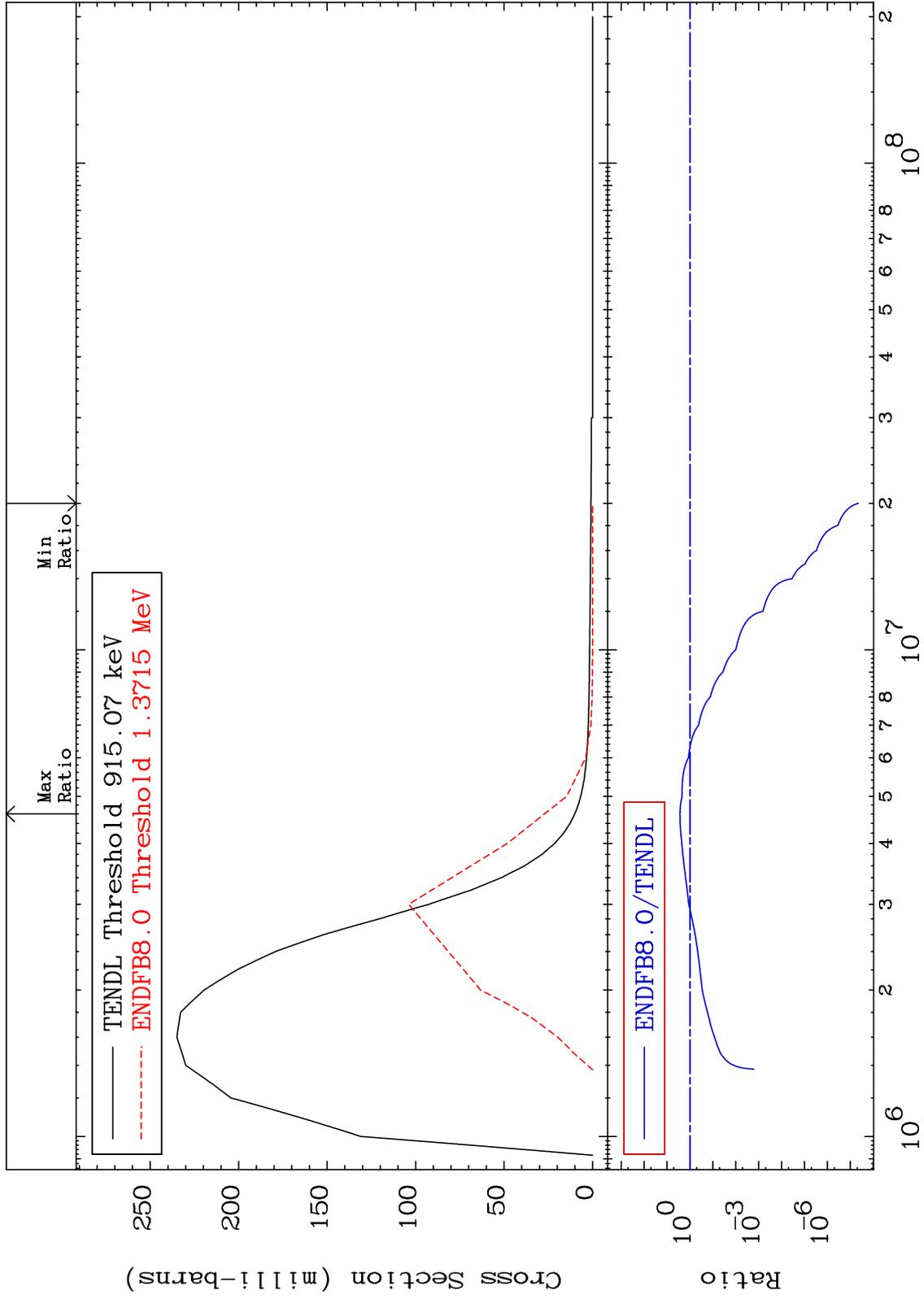


11 56-Ba-130

MAT 5625

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

56-Ba-130  
-100.0 To 171.2 %



Incident Energy (eV)

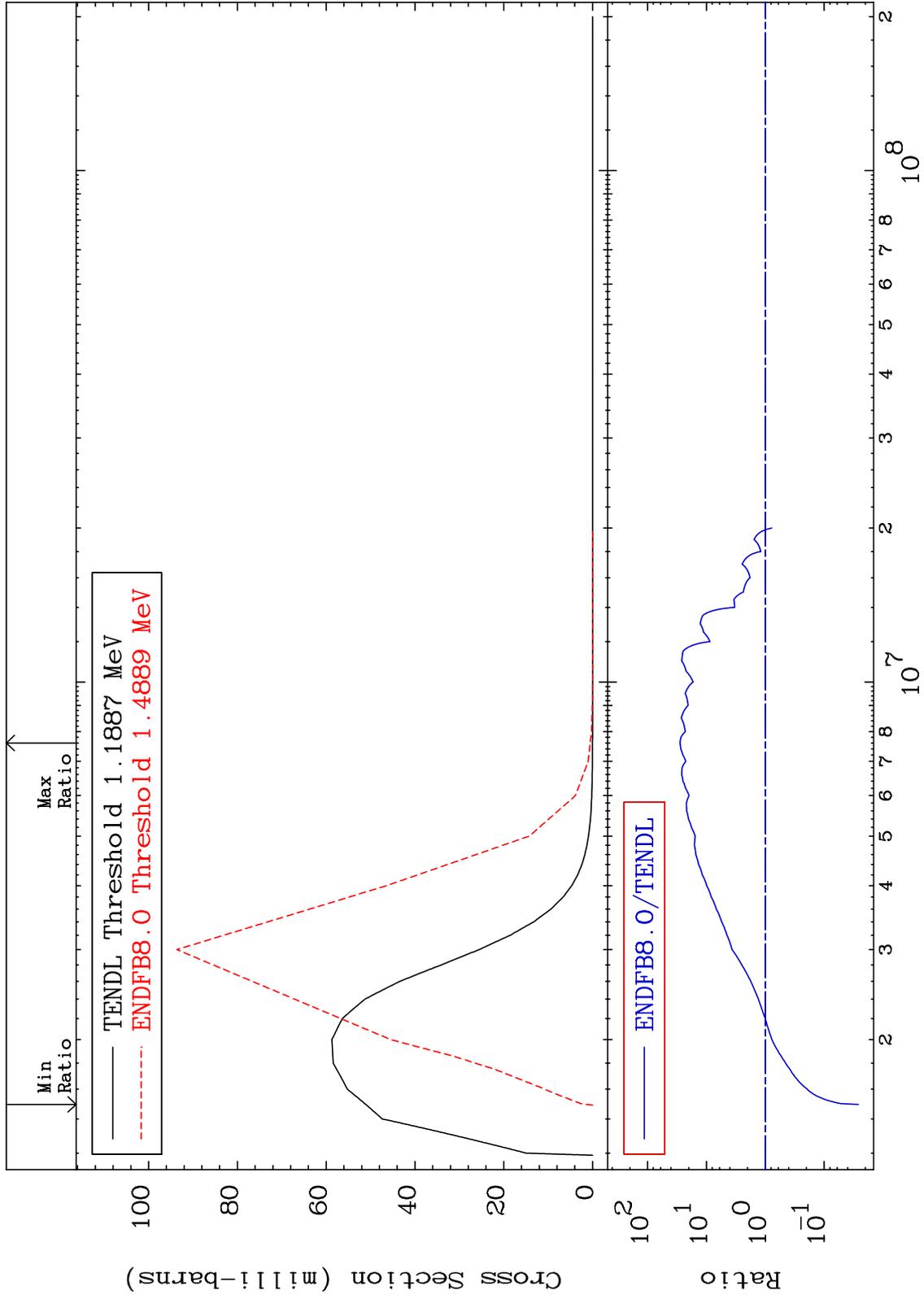
56-Ba-130

12

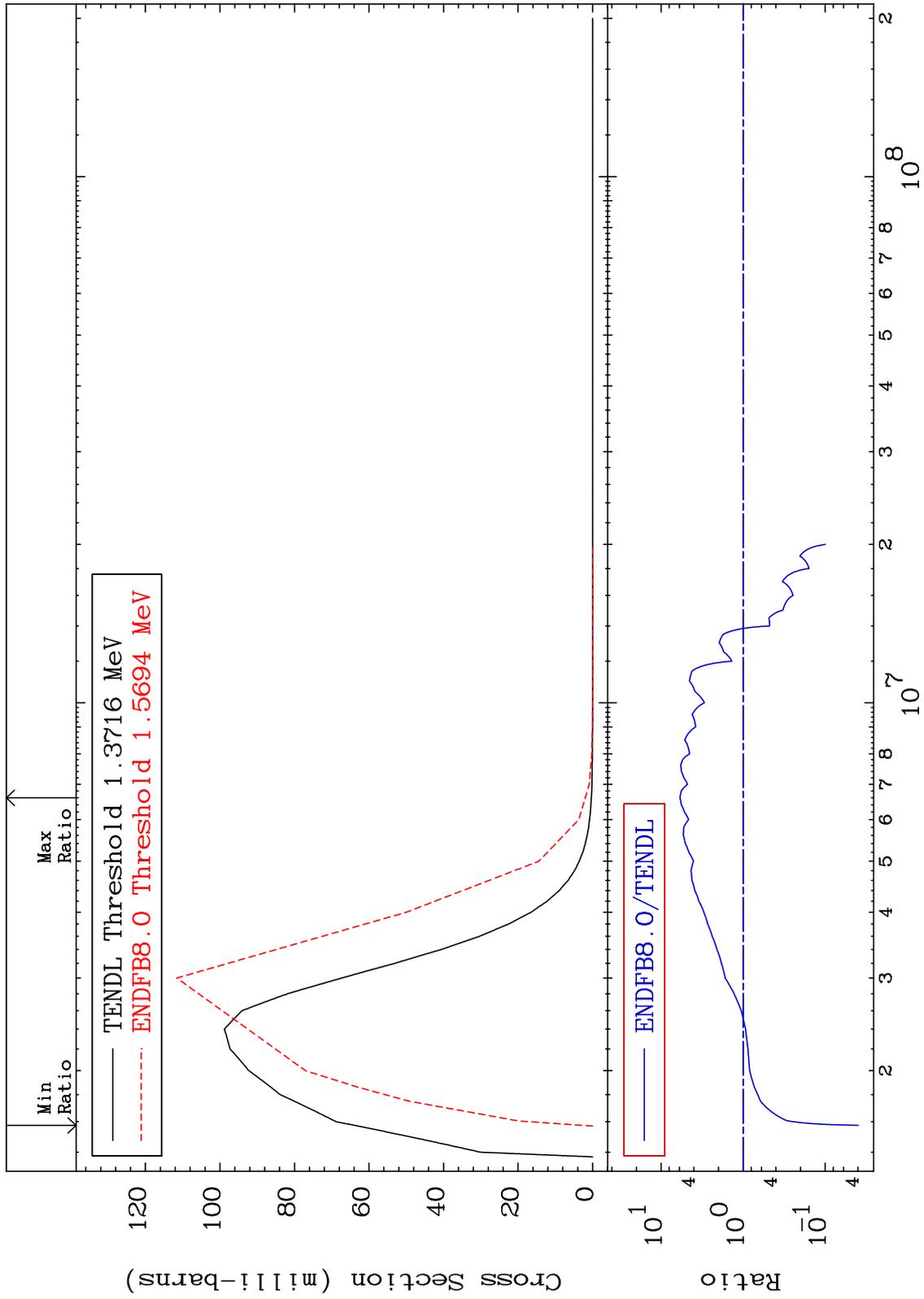
MAT 5625

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

56-Ba-130  
-97.38 To 2720. %



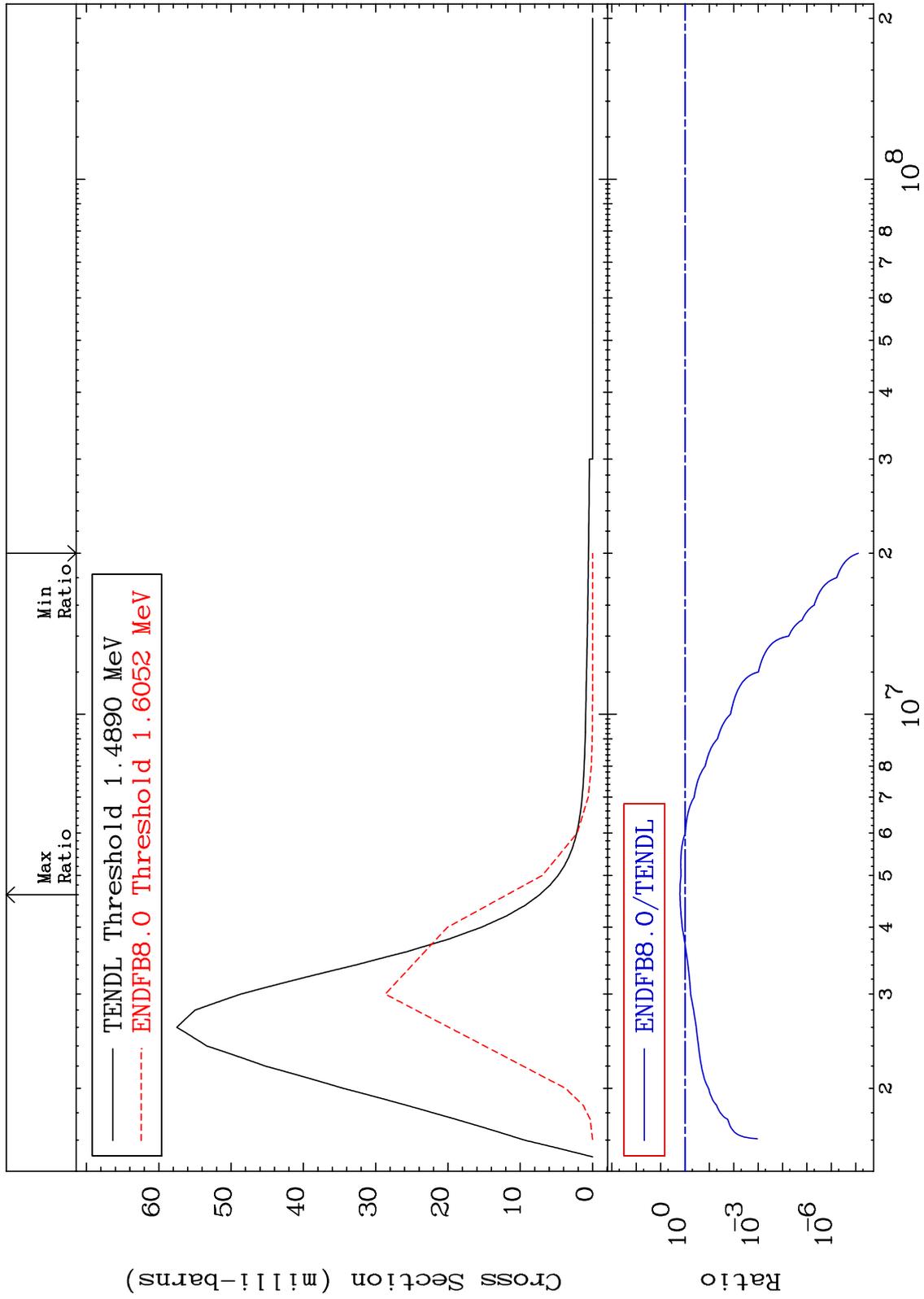
MAT 5625 MT= 56 (n,n') Level Cross Section 56-Ba-130 -96.06 To 490.6 %



MAT 5625

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

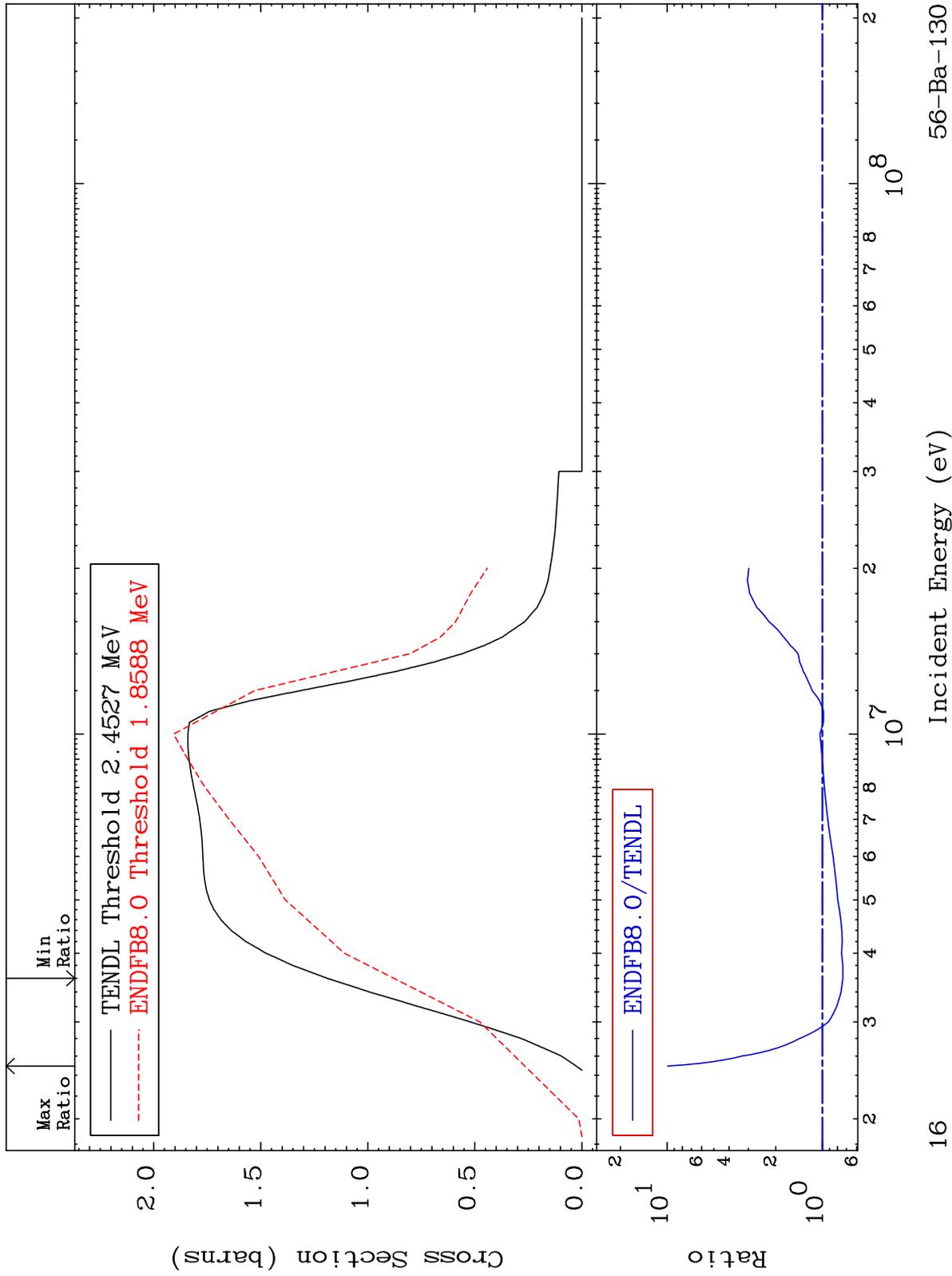
56-Ba-130  
-100.0 To 61.81 %



MAT 5625

(n, n') Continuum  
Cross Section

56-Ba-130  
-26.20 To 893.7 %

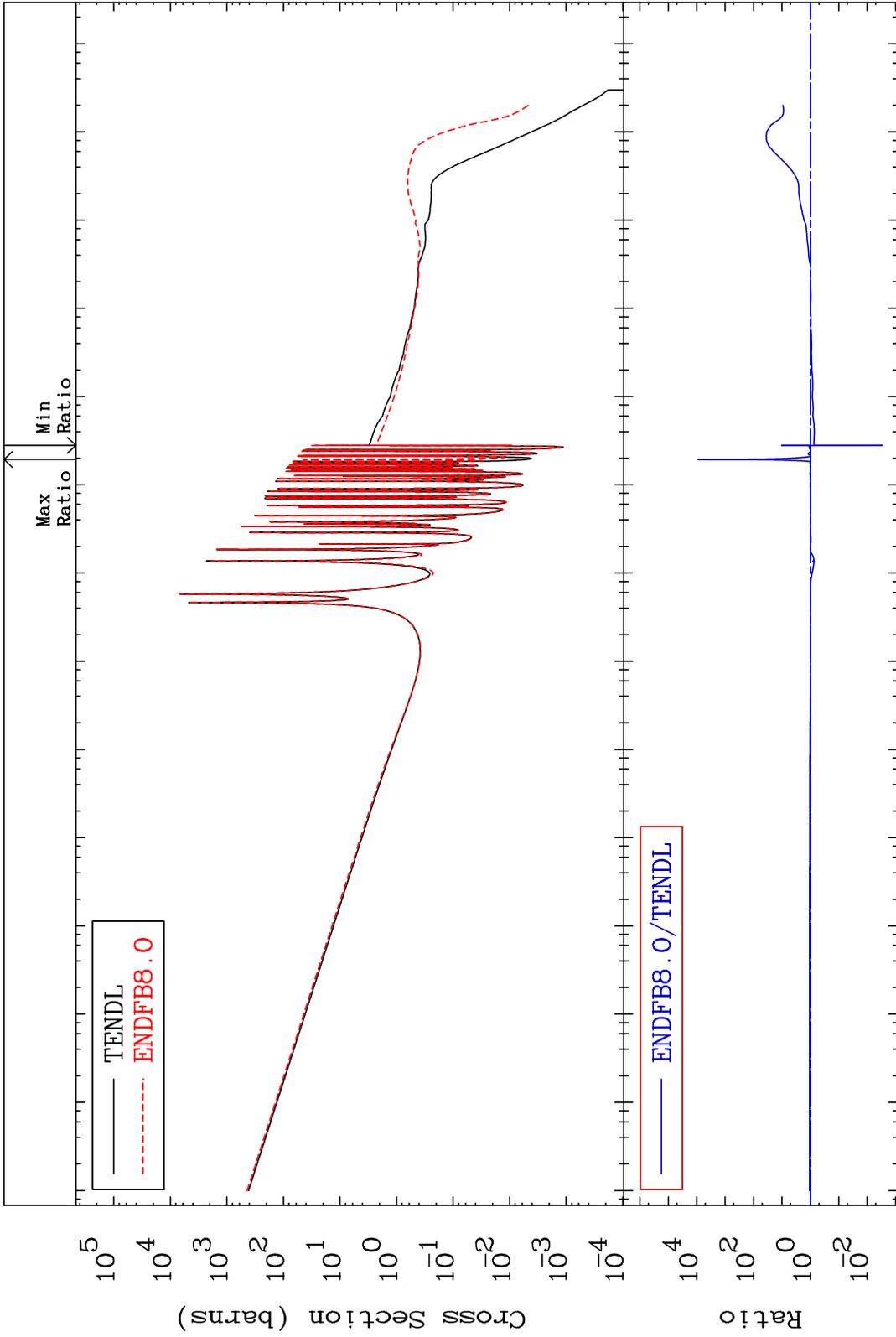


MAT 5625

56-Ba-130

-99.70 To 9999. %

(n,  $\gamma$ )  
Cross Section



Incident Energy (eV)

56-Ba-130

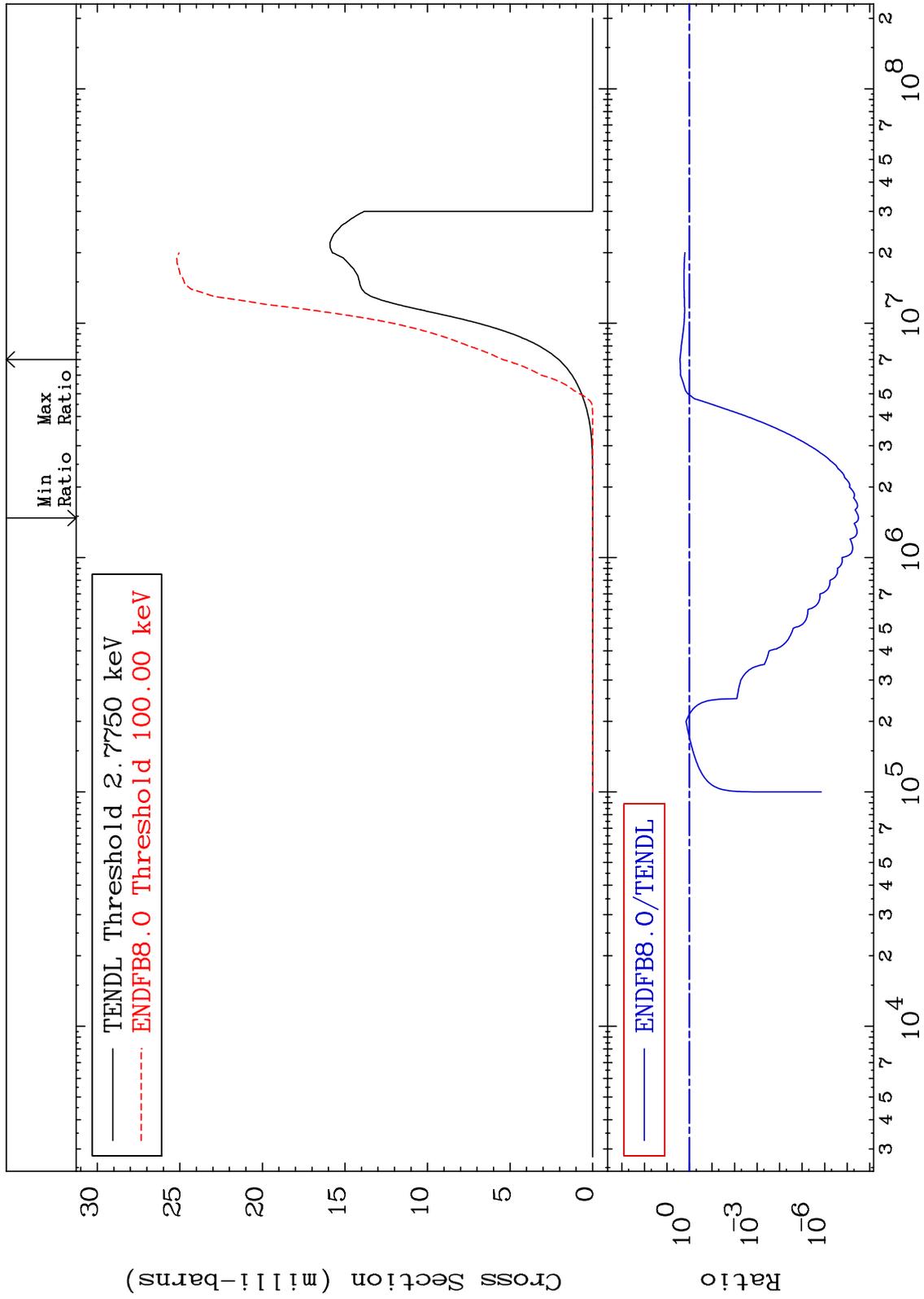
MAT 5625

(n, p)

56-Ba-130

Cross Section

-100.0 To 165.4 %



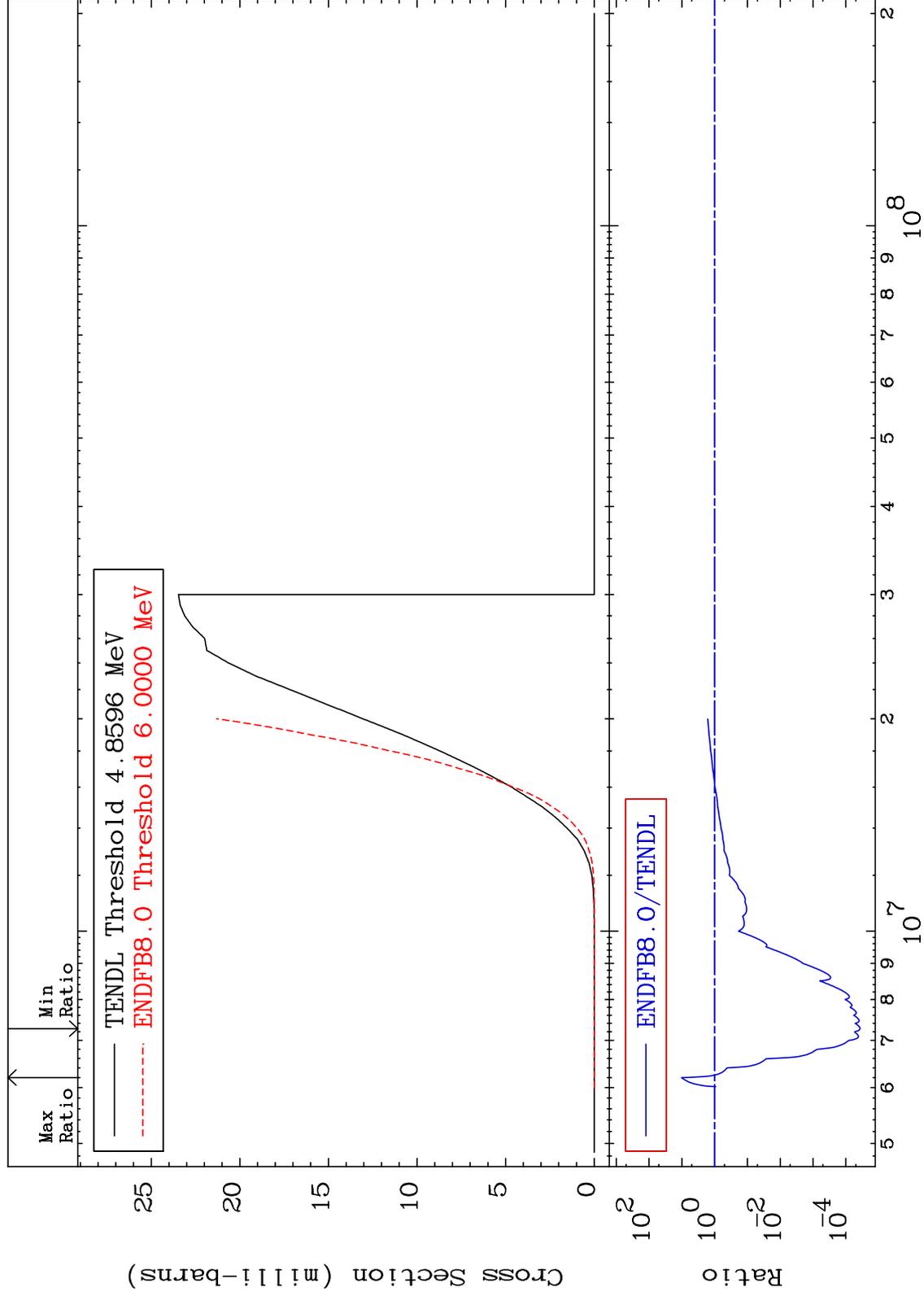
MAT 5625

(n, d)

56-Ba-130

Cross Section

-100.0 To 919.5 %



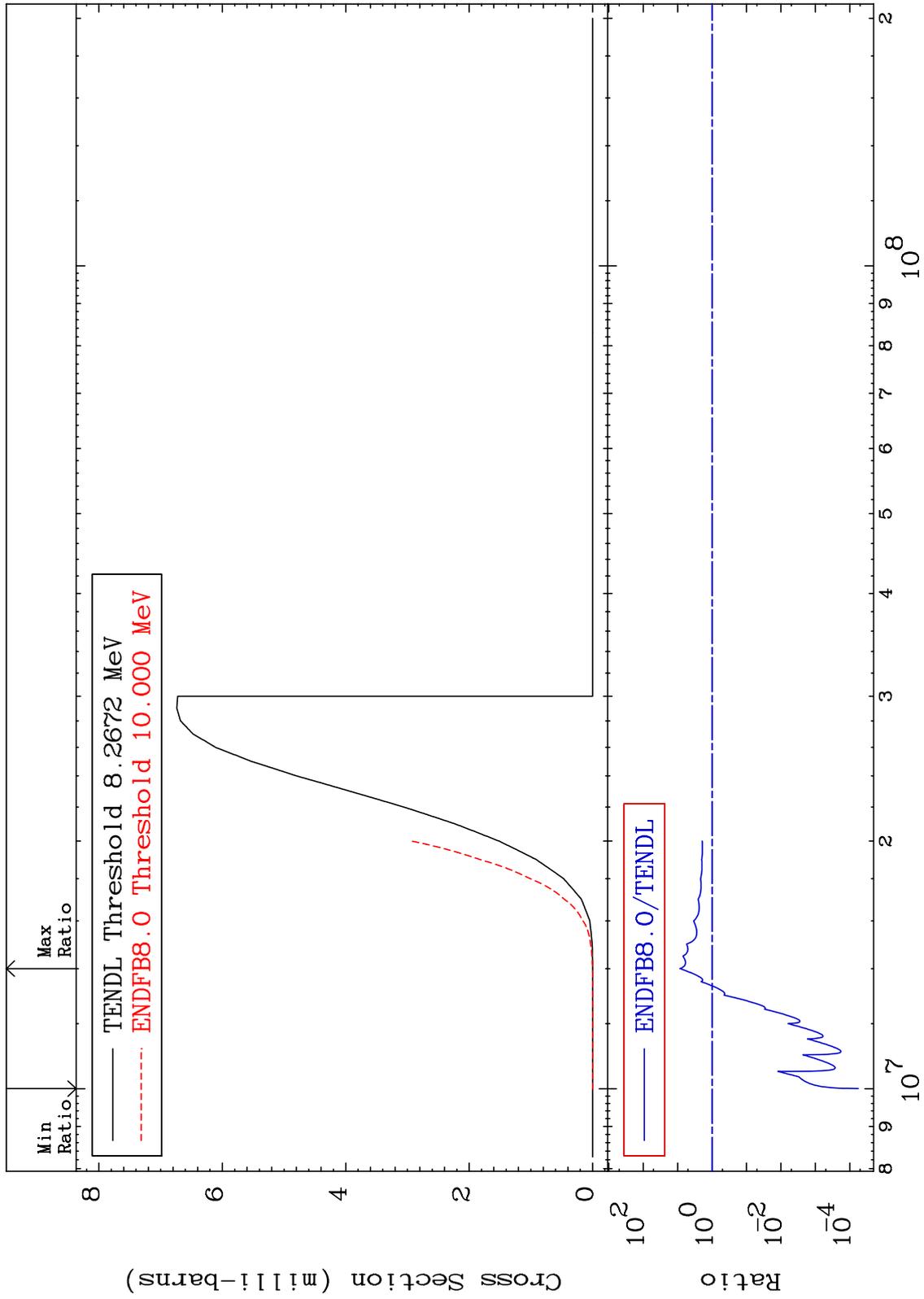
MAT 5625

(n, t)

56-Ba-130

Cross Section

-99.99 To 756.4 %

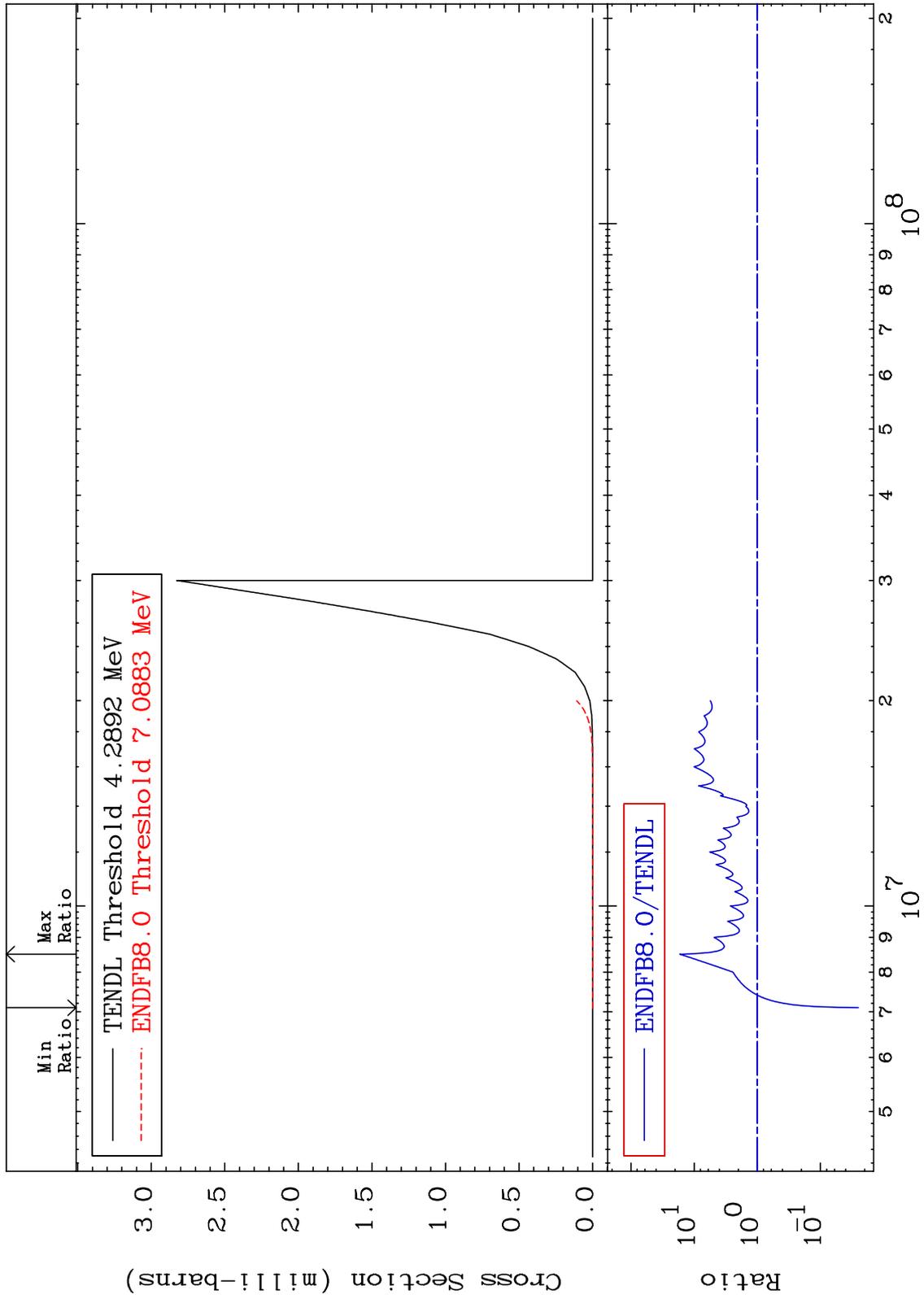


20

Incident Energy (eV)

56-Ba-130

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



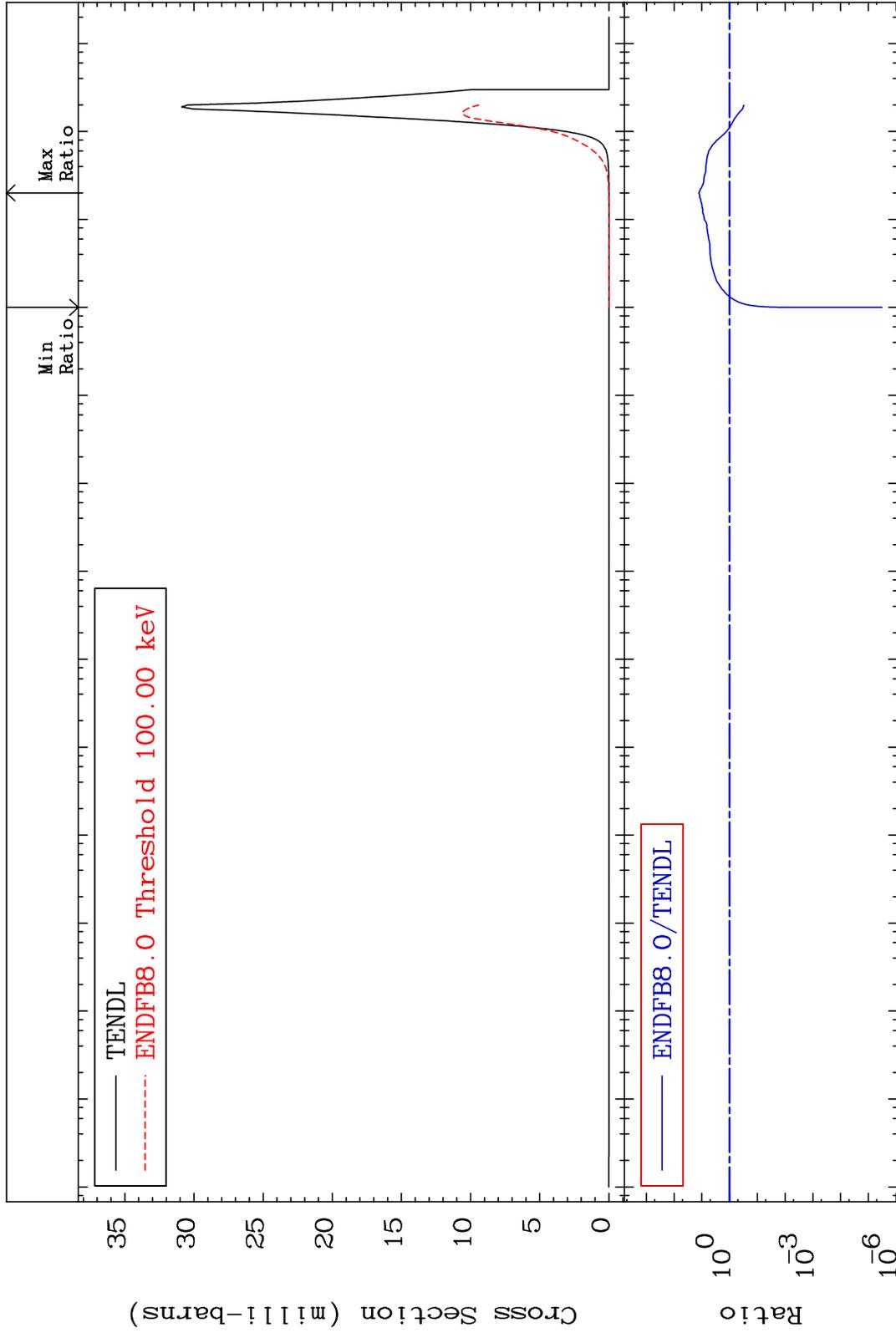
MAT 5625

(n,  $\alpha$ )

56-Ba-130

Cross Section

-100.0 To 1199. %



Incident Energy (eV)

22

56-Ba-130

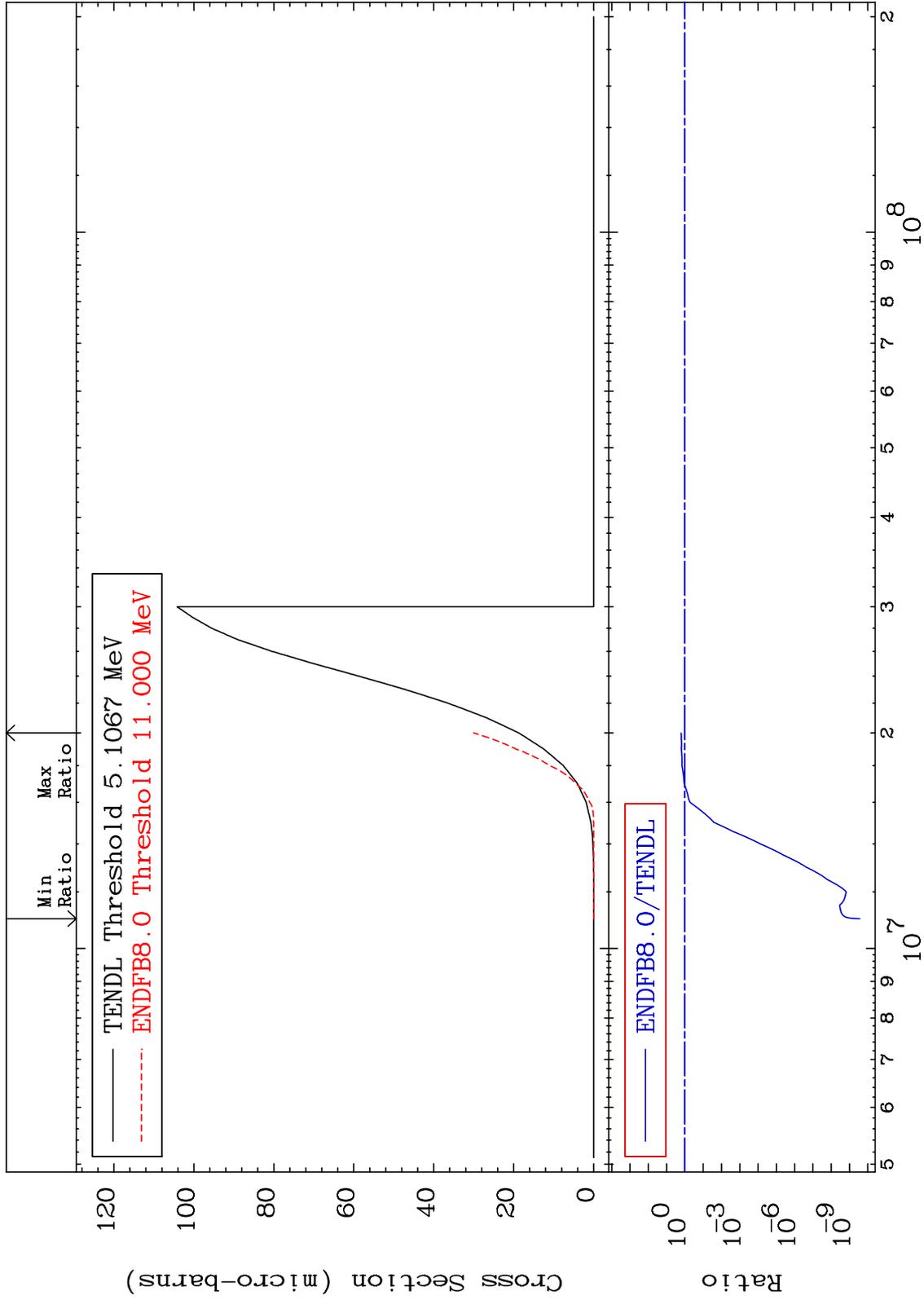
MAT 5625

(n,2p)

56-Ba-130

Cross Section

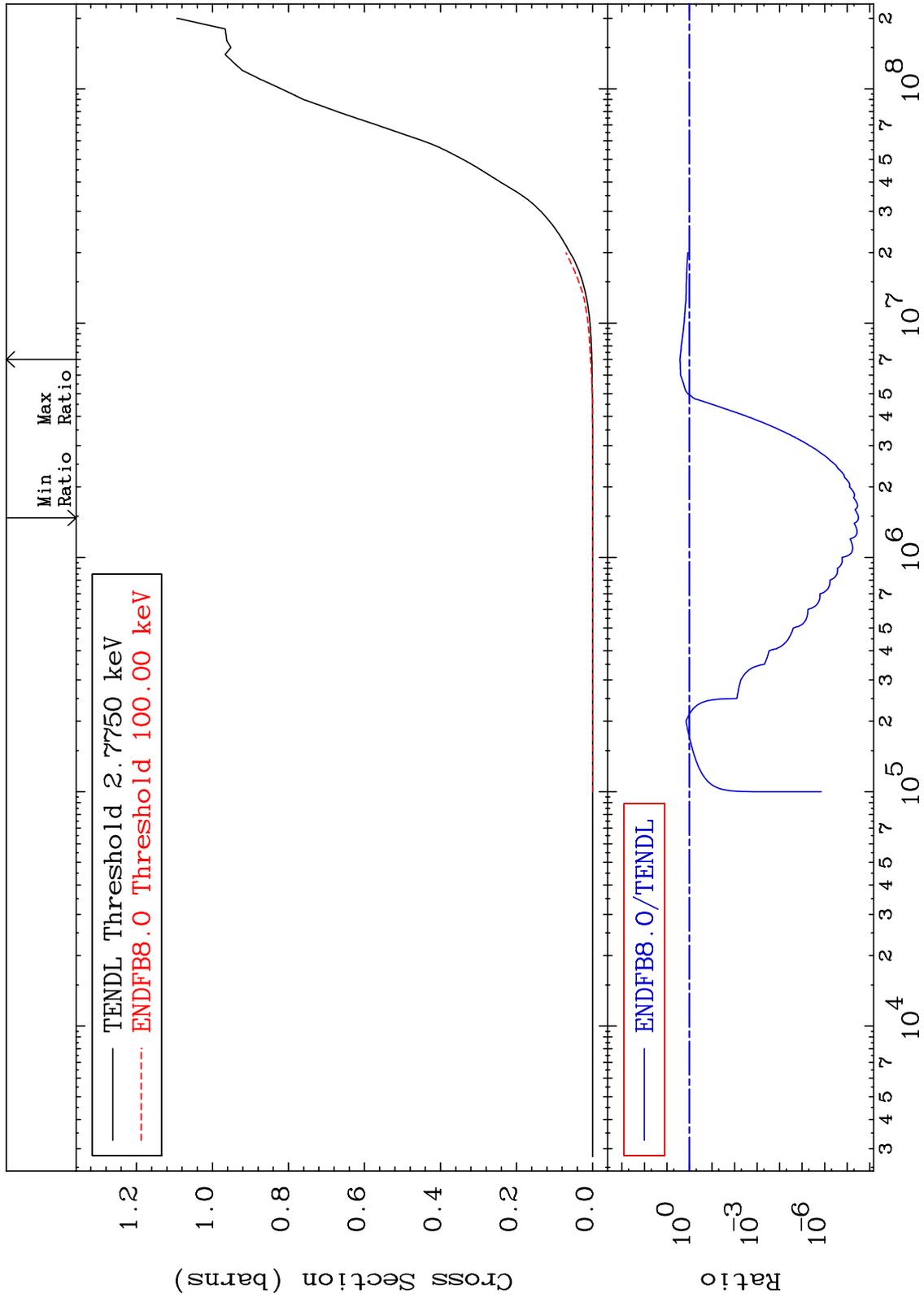
-100.0 To 60.12 %



MAT 5625

Hydrogen Production  
Cross Section

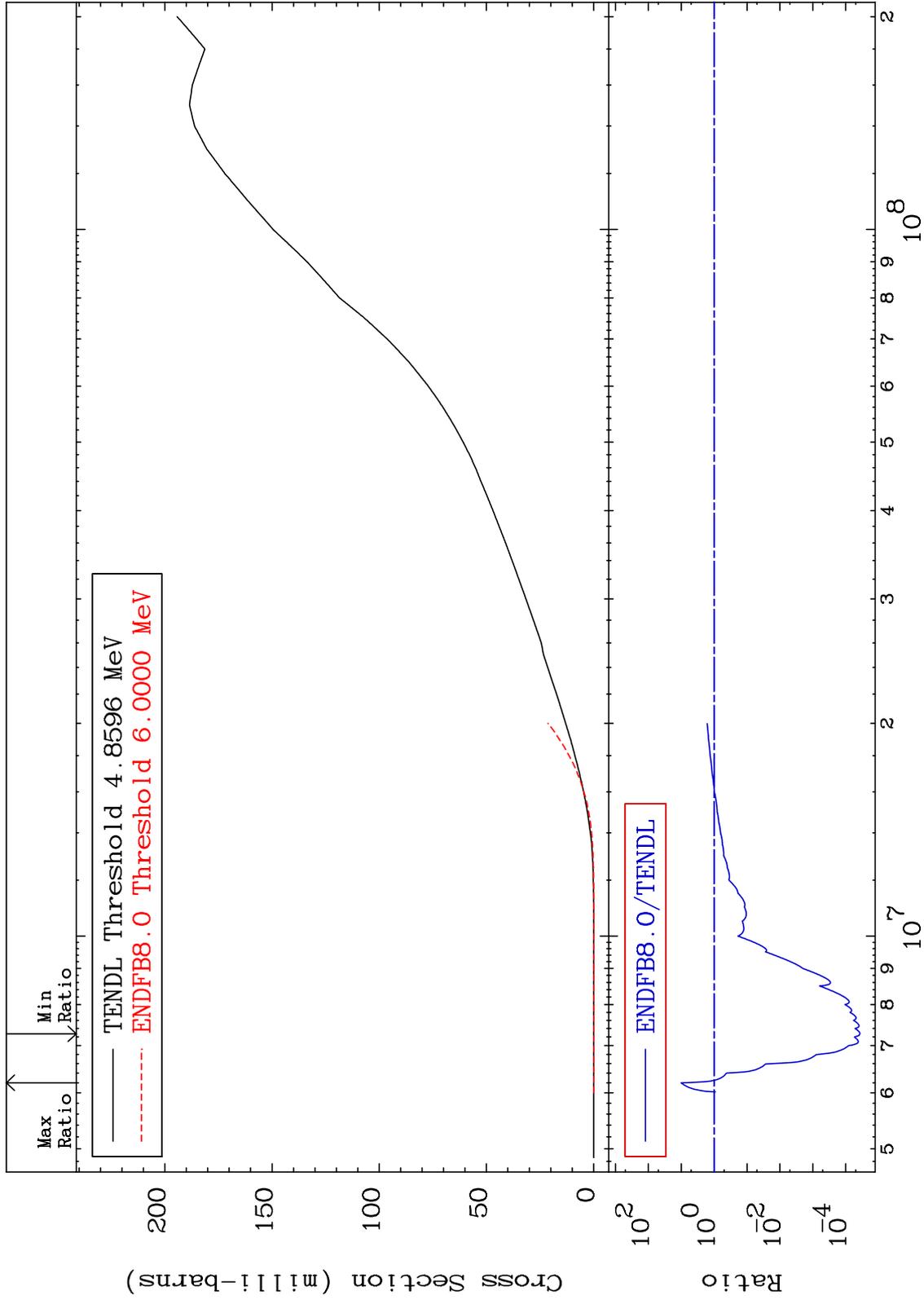
56-Ba-130  
-100.0 To 165.4 %



MAT 5625

Deuterium Production  
Cross Section

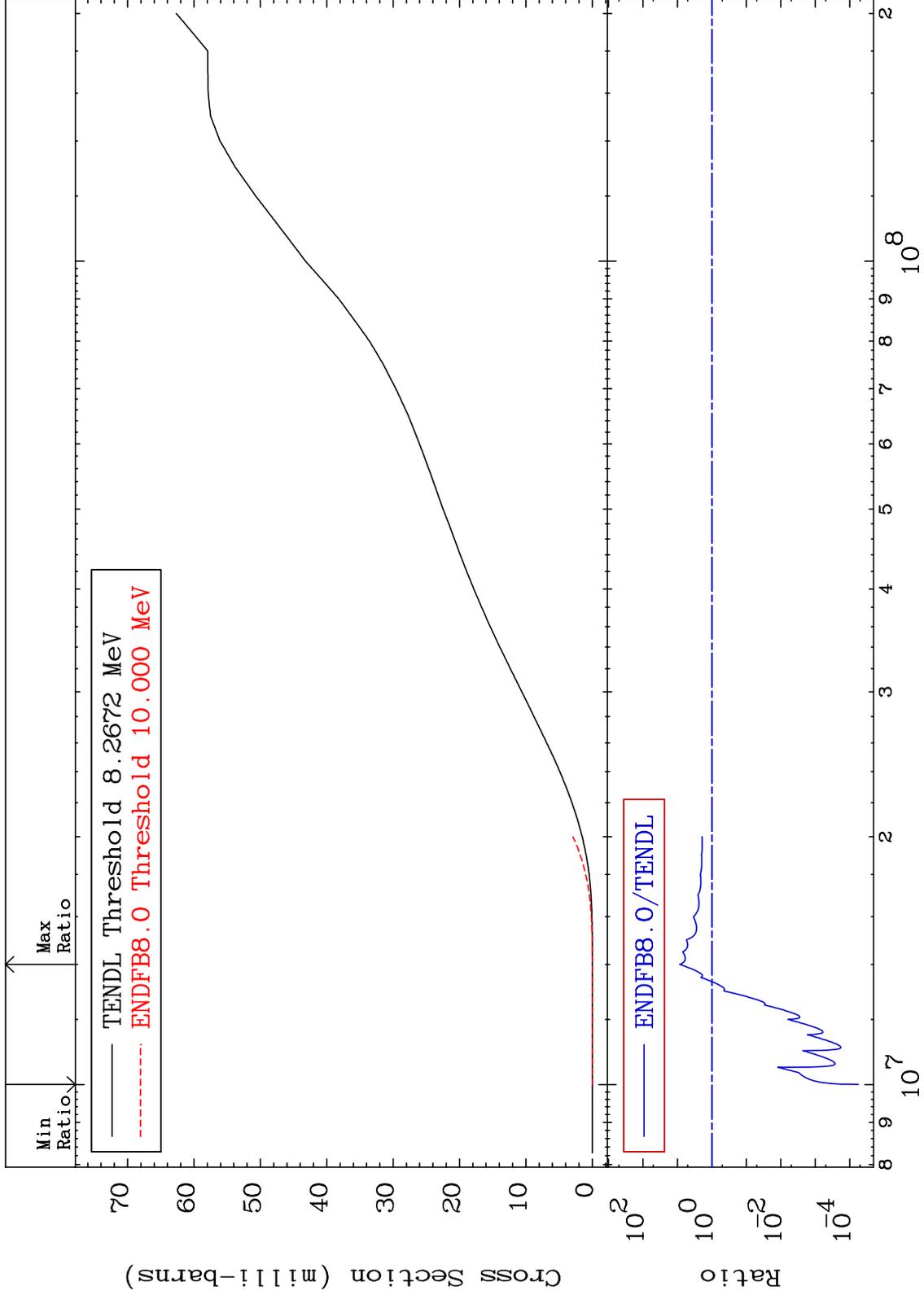
56-Ba-130  
-100.0 To 909.2 %



MAT 5625

Tritium Production  
Cross Section

56-Ba-130  
-99.99 To 756.4 %



26

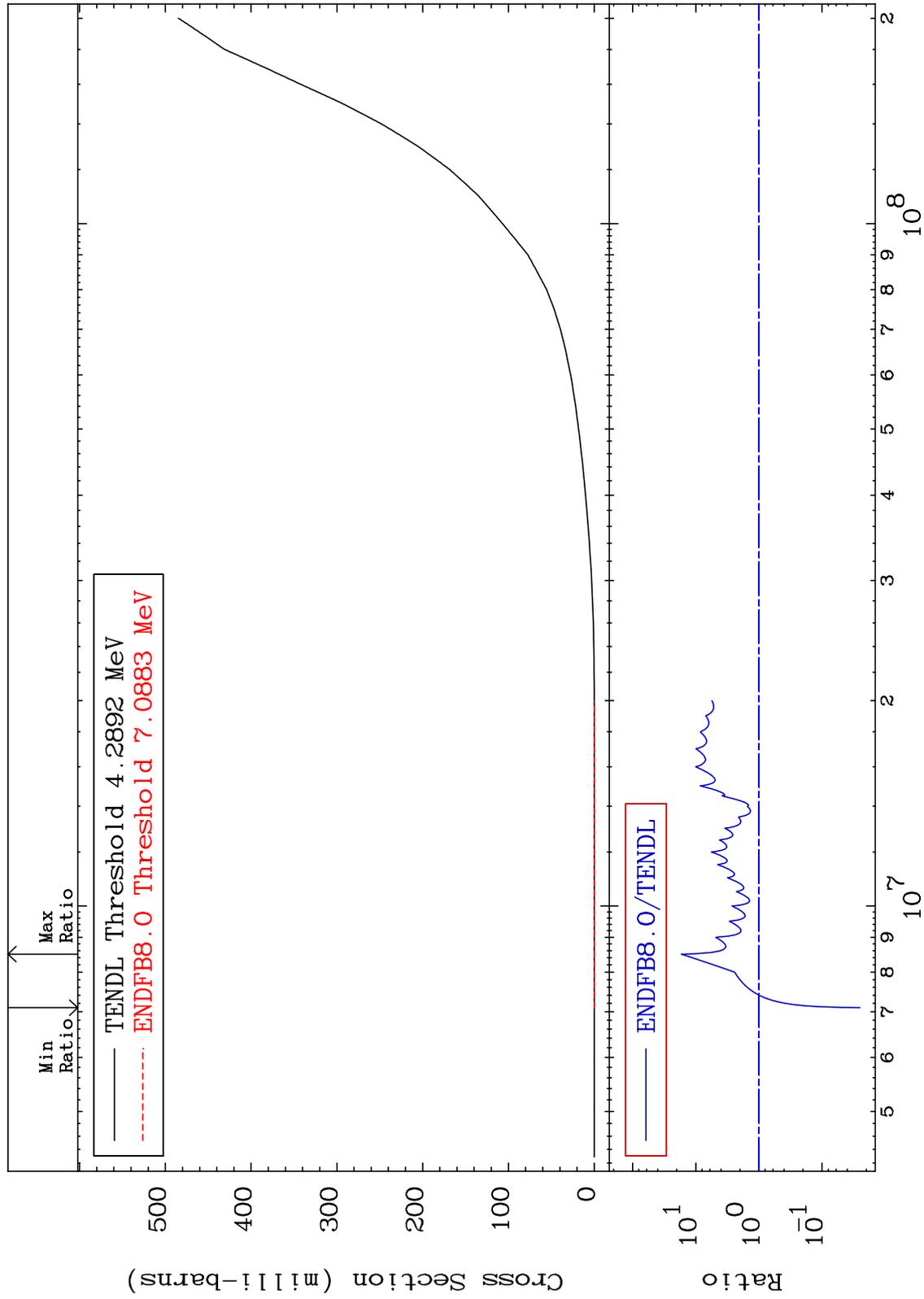
Incident Energy (eV)

56-Ba-130

MAT 5625

He-3 Production  
Cross Section

56-Ba-130  
-97.49 To 1580. %



27

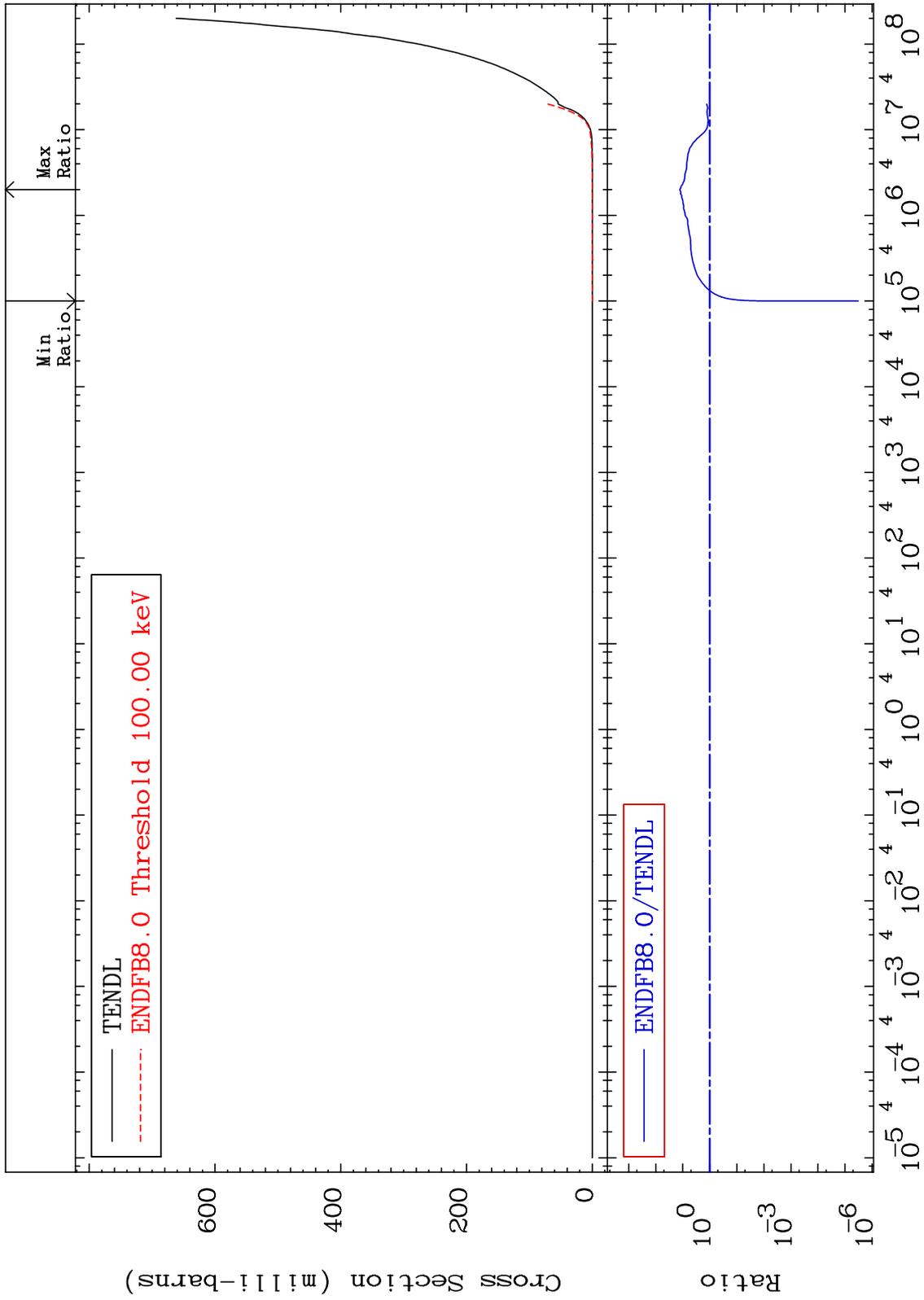
Incident Energy (eV)

56-Ba-130

MAT 5625

He-4 Production  
Cross Section

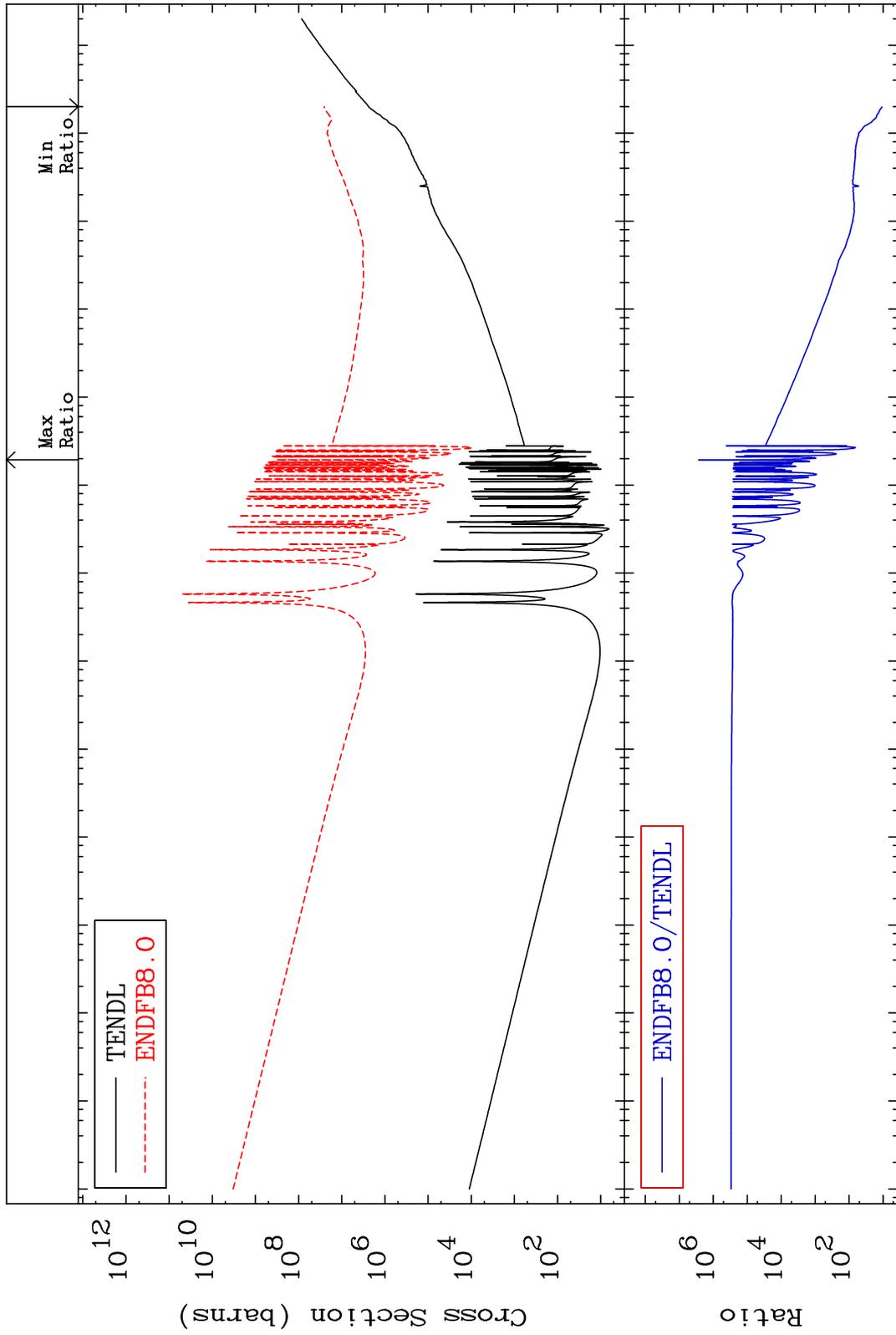
56-Ba-130  
-100.0 To 1199. %



MAT 5625

Kerma total (eV-barns)  
Cross Section

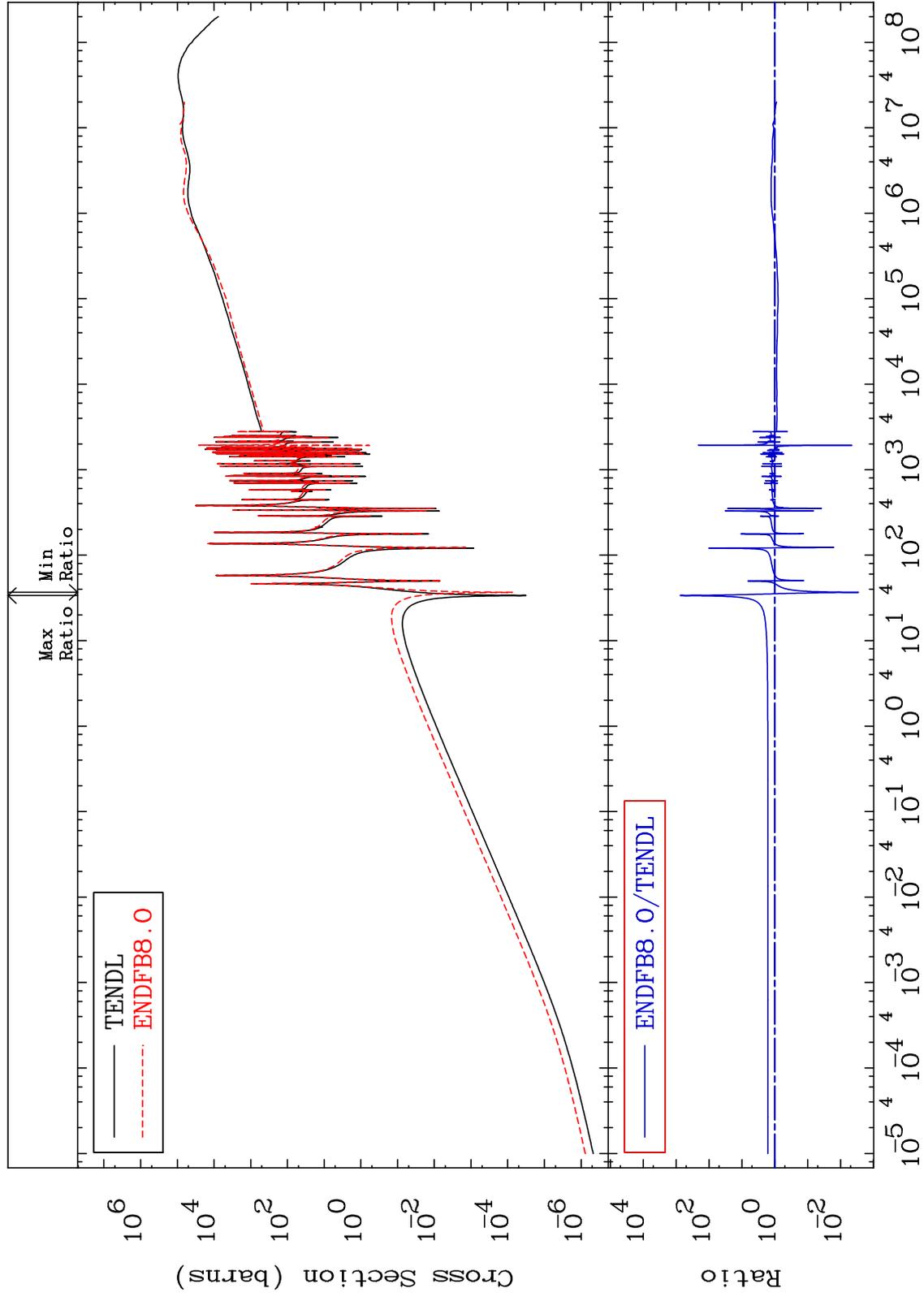
56-Ba-130  
967.9 To 9999. %



MAT 5625

Kerma elastic  
Cross Section

56-Ba-130  
-99.71 To 9999. %



30

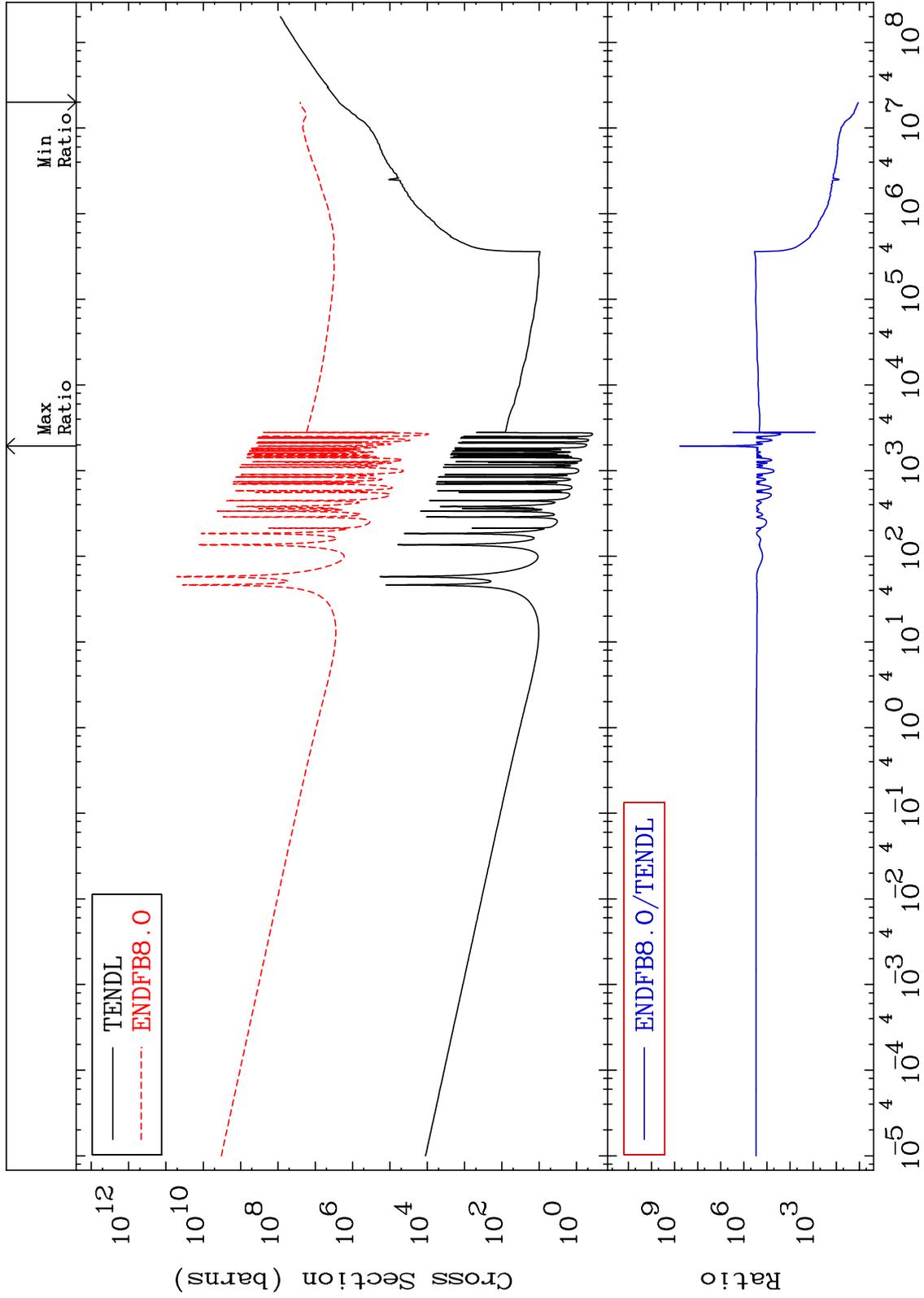
Incident Energy (eV)

56-Ba-130

MAT 5625

Kerma non-elastic (all but mt2)  
Cross Section

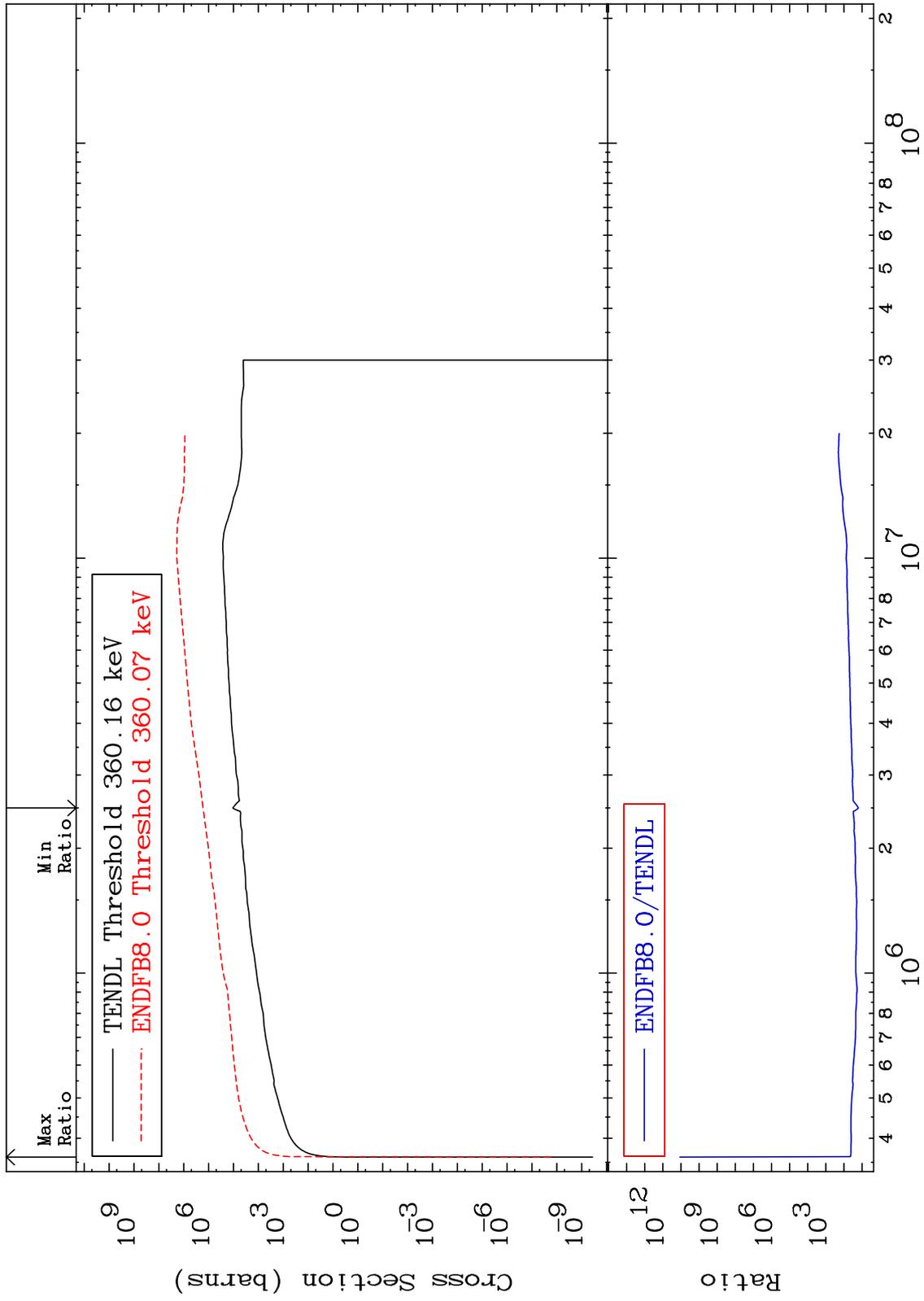
56-Ba-130  
997.9 To 9999. %



MAT 5625

Kerma inelastic (mt51-91)  
Cross Section

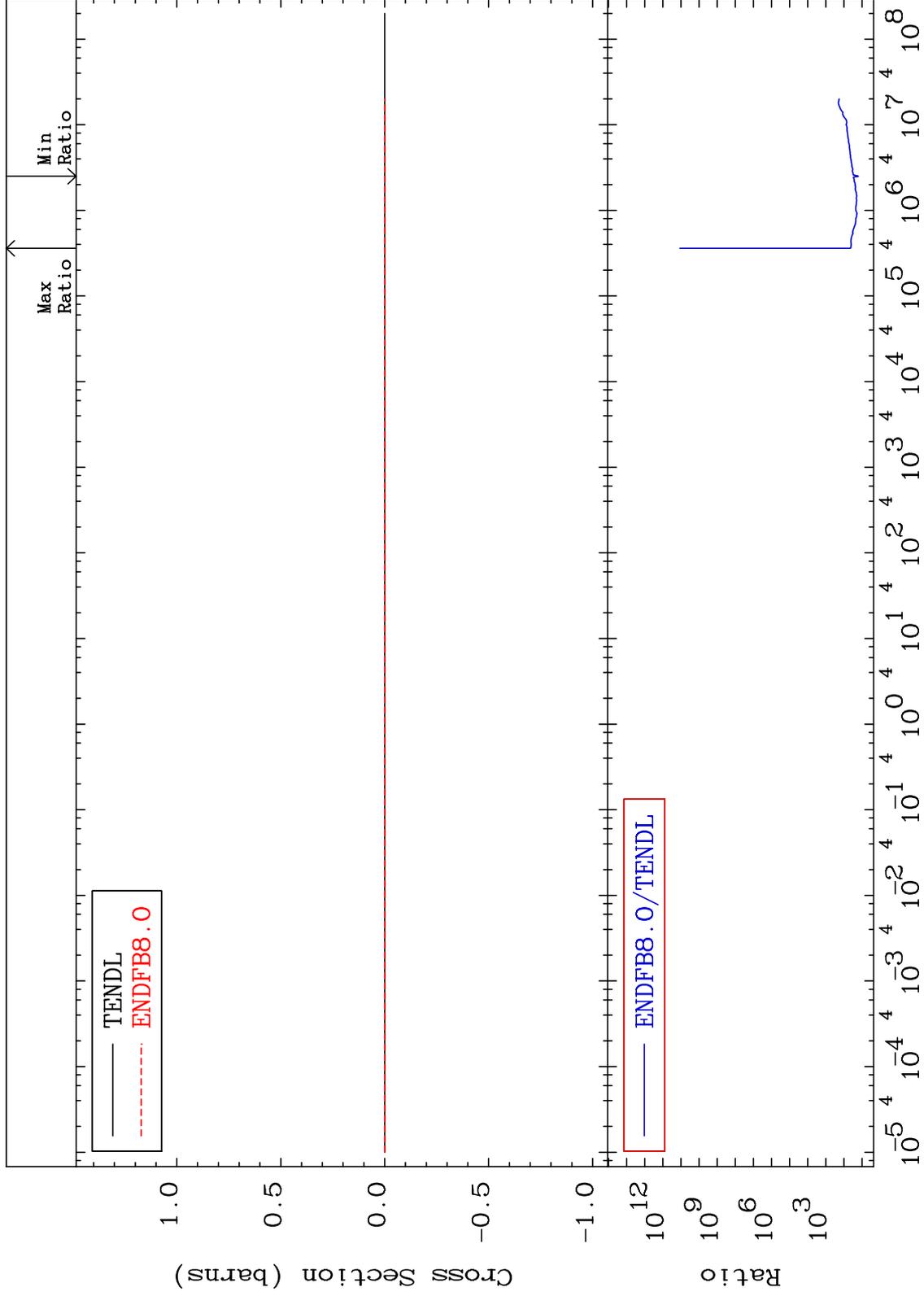
56-Ba-130  
1485. To 9999. %



MAT 5625

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

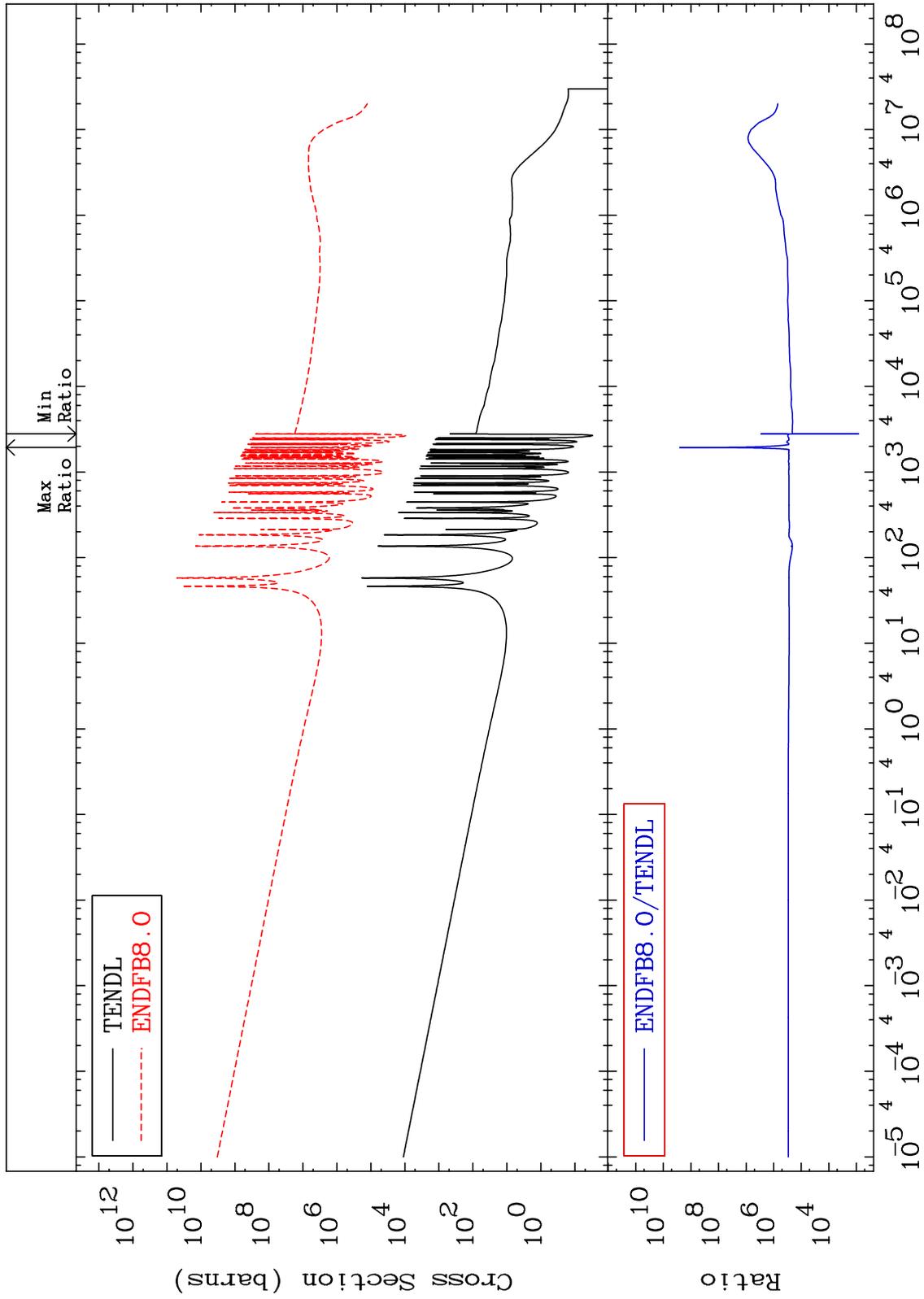
56-Ba-130  
1485. To 9999. %



MAT 5625

Kerma capture (mt102)  
Cross Section

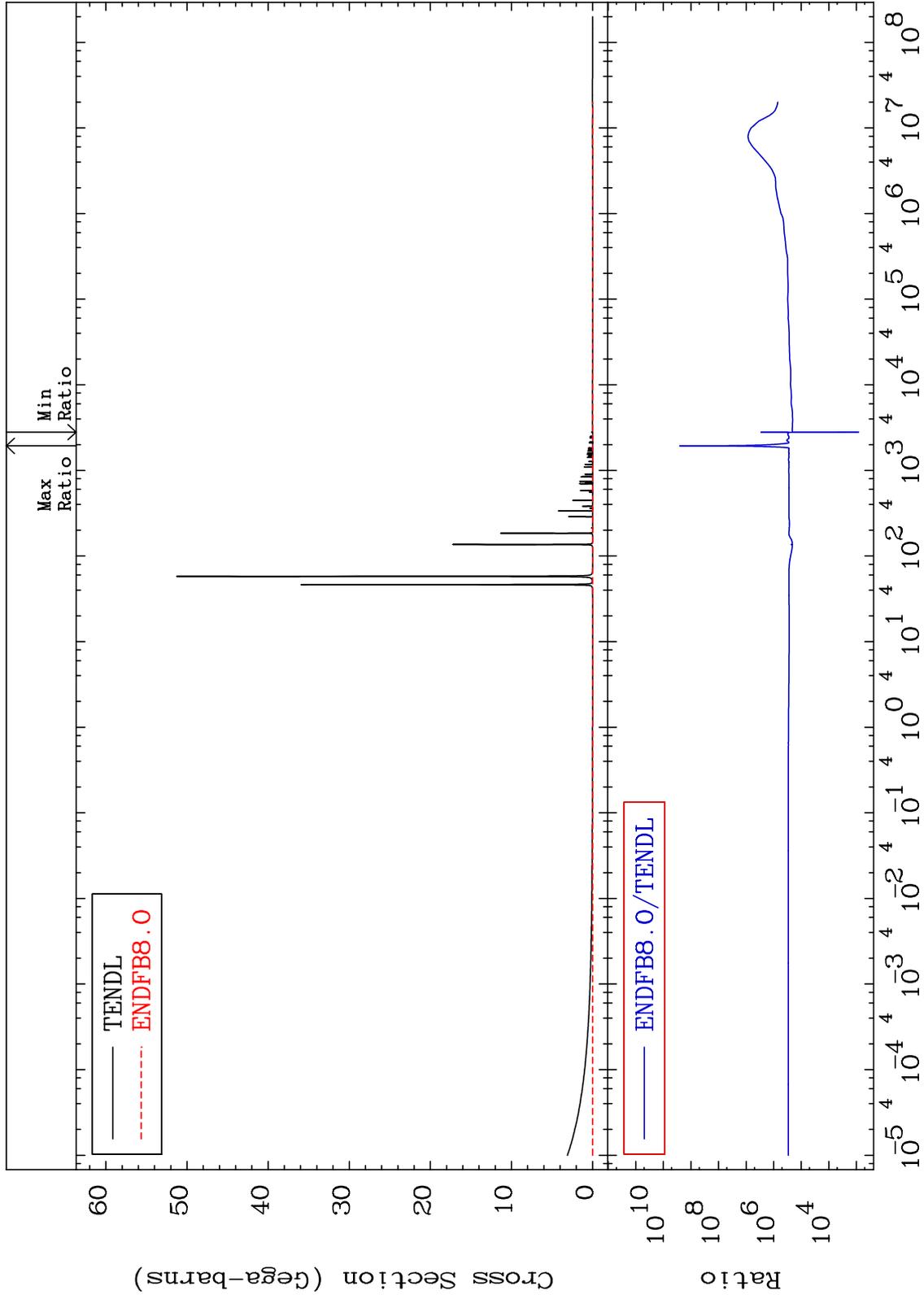
56-Ba-130  
9999. To 9999. %



MAT 5625

Total photon (eV-barns)  
Cross Section

56-Ba-130  
9999. To 9999. %



35

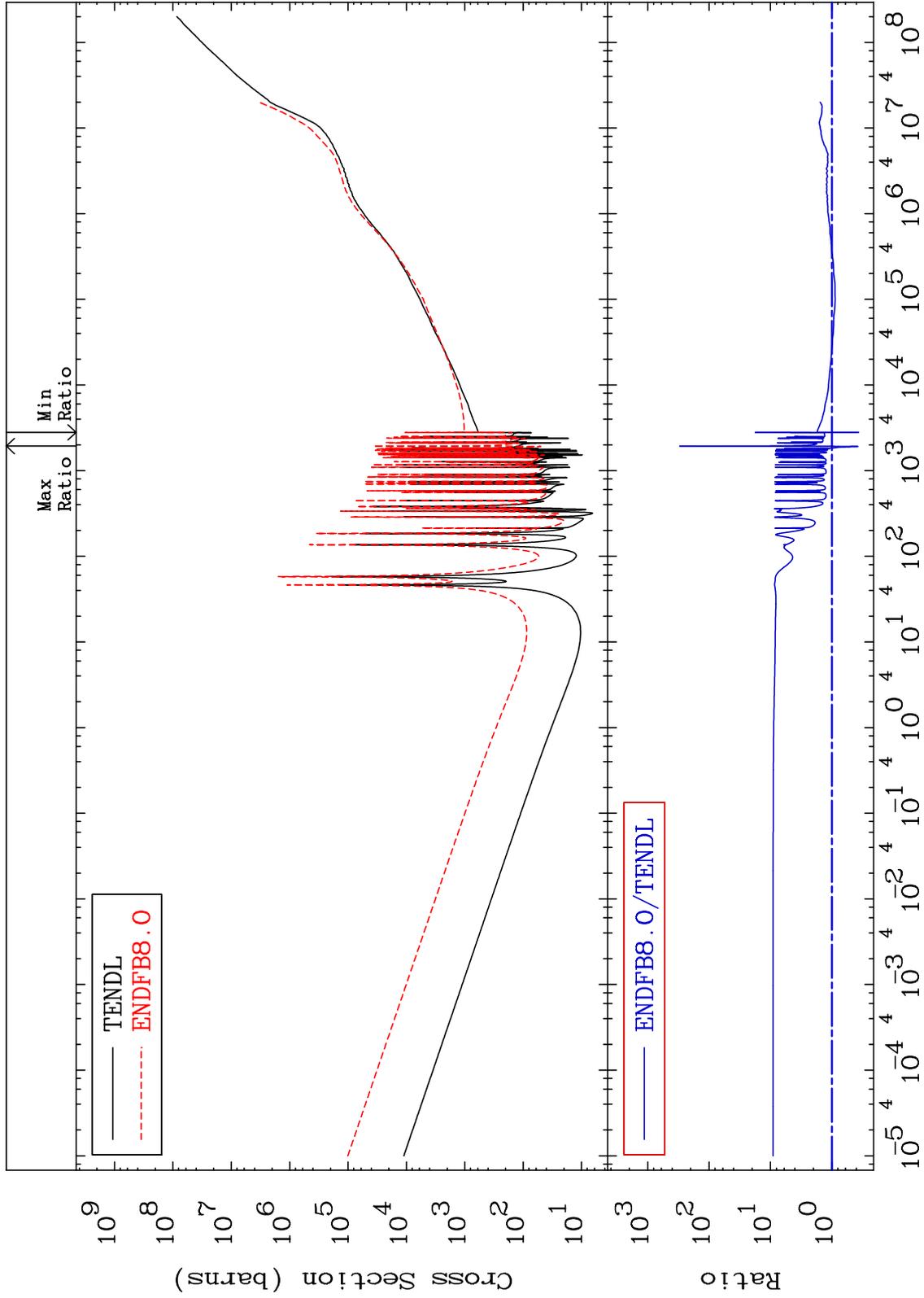
Incident Energy (eV)

56-Ba-130

MAT 5625

Total kinematic kerma (high limit)  
Cross Section

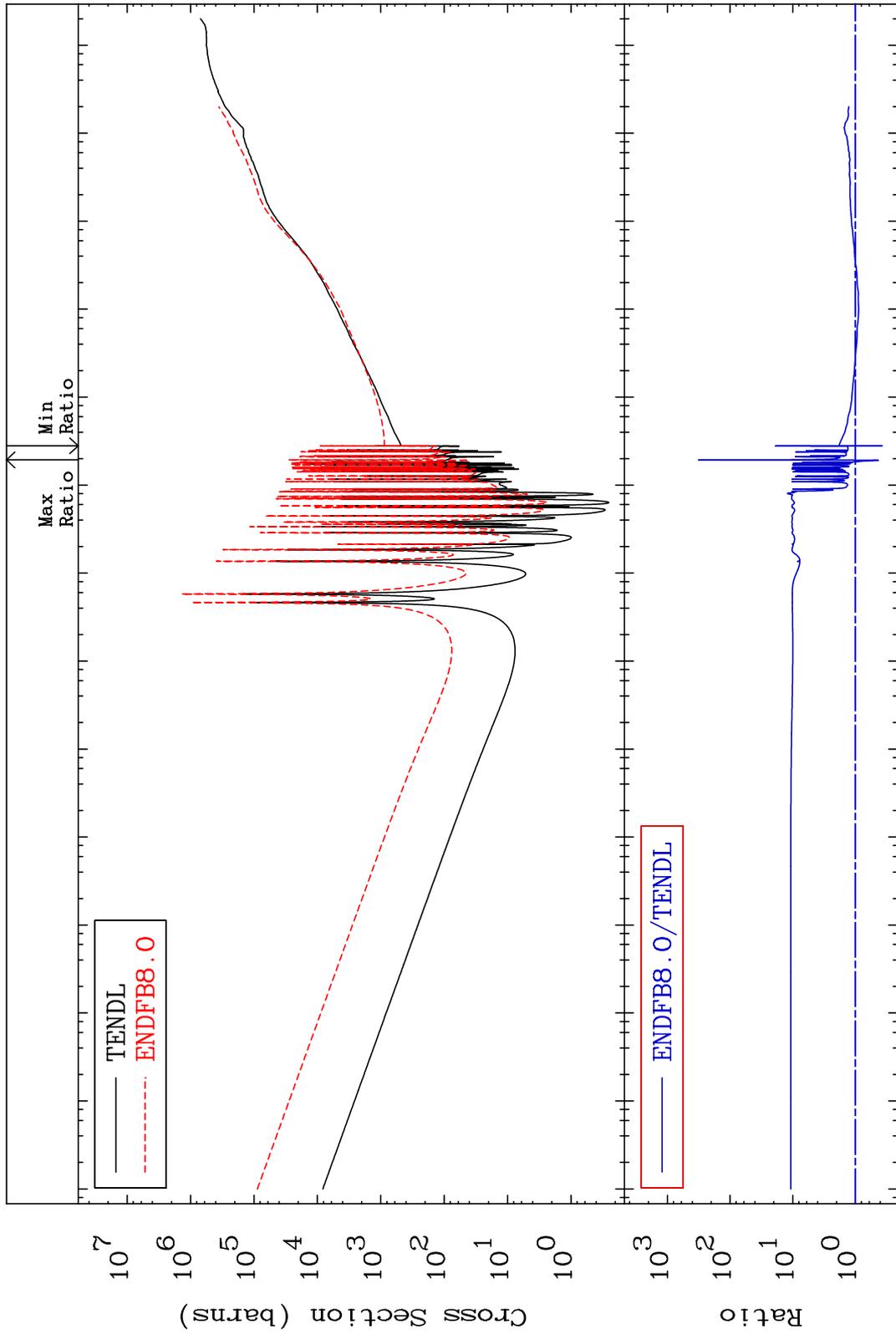
56-Ba-130  
-63.04 To 9999. %



MAT 5625

Dpa total (eV-barns)  
Cross Section

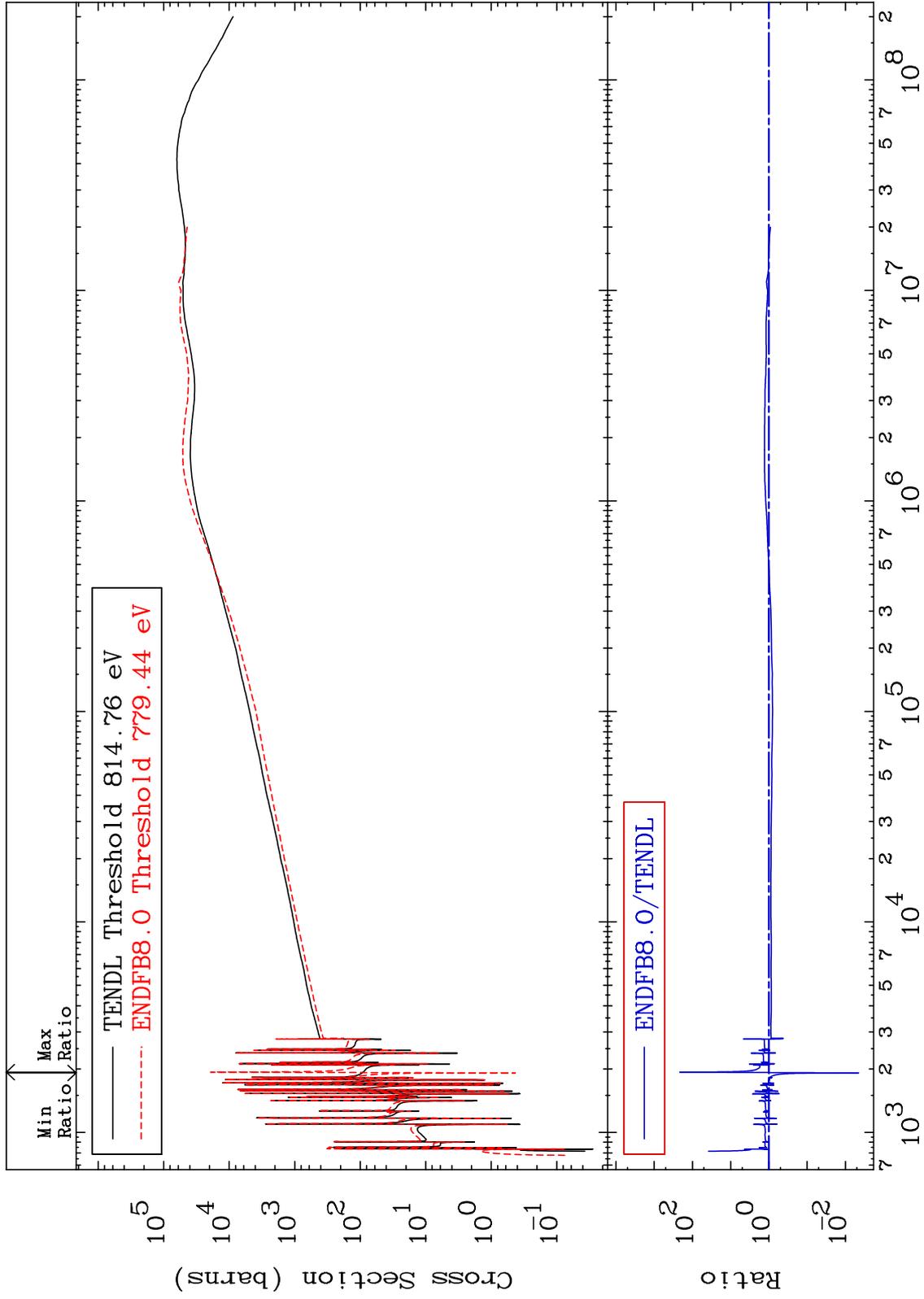
56-Ba-130  
-62.56 To 9999. %



MAT 5625

Dpa elastic (mt2)  
Cross Section

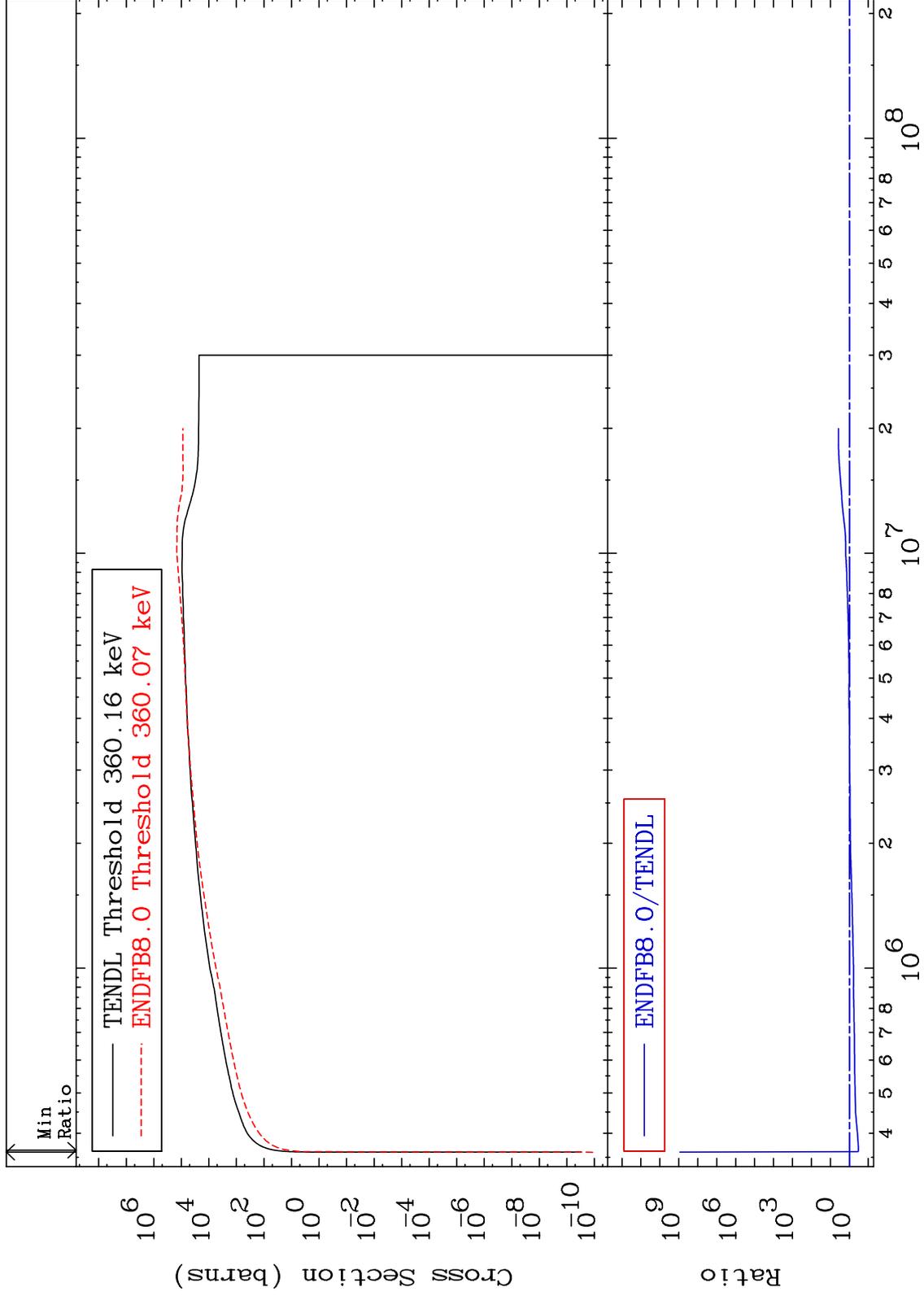
56-Ba-130  
-99.54 To 9999. %



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  
-96.63 To 9999. %

