

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

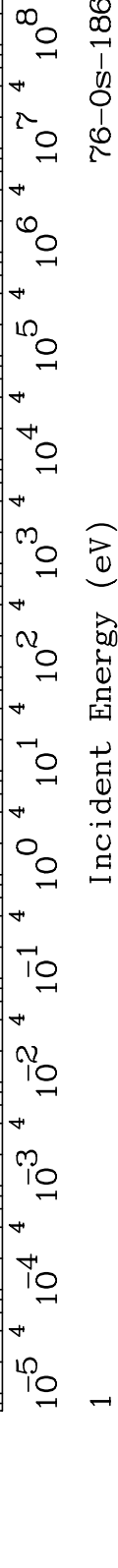
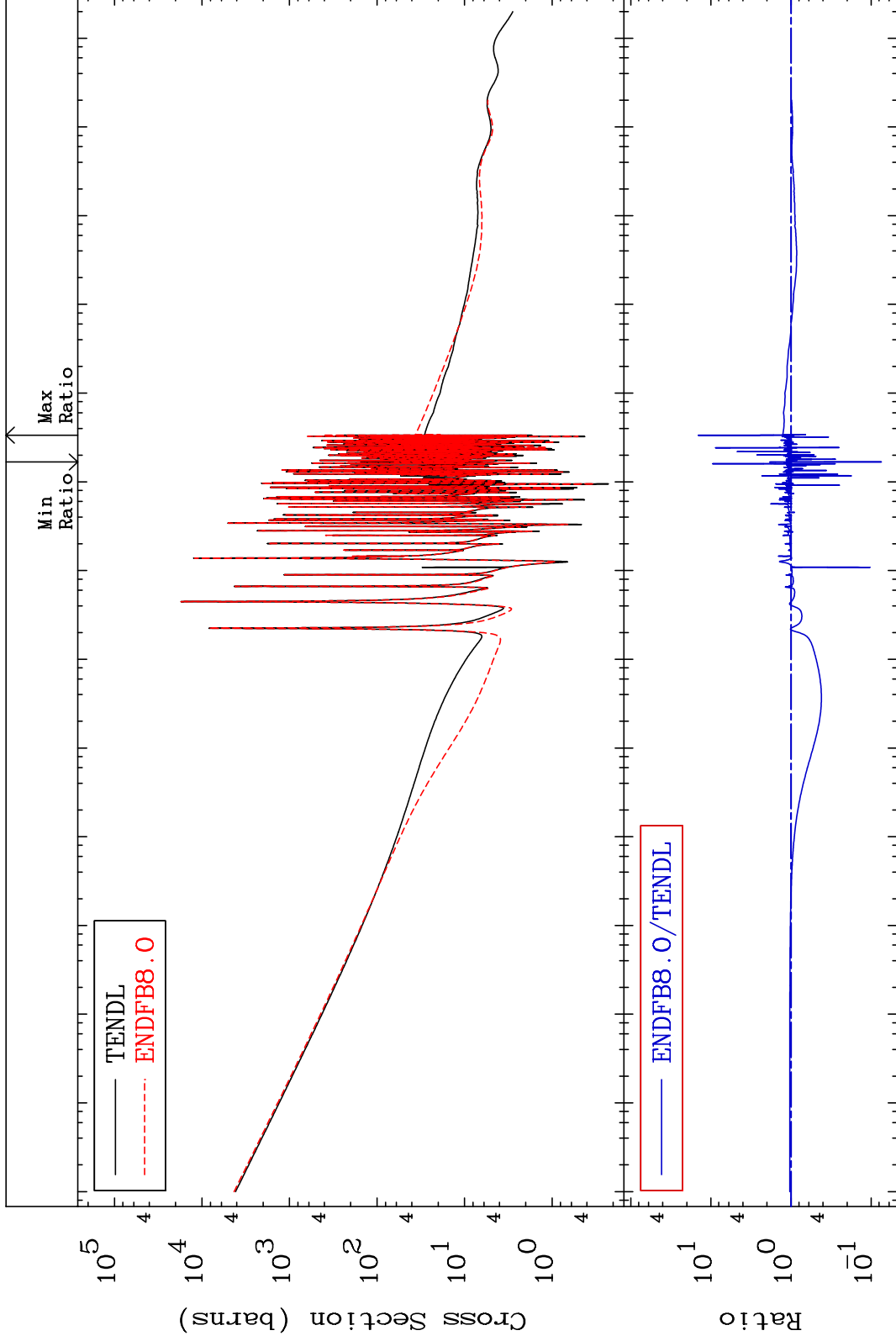
MAT 7631

Total

76-0s-186

Cross Section

-92.56 To 1345. %



Incident Energy (eV)

76-0s-186

1

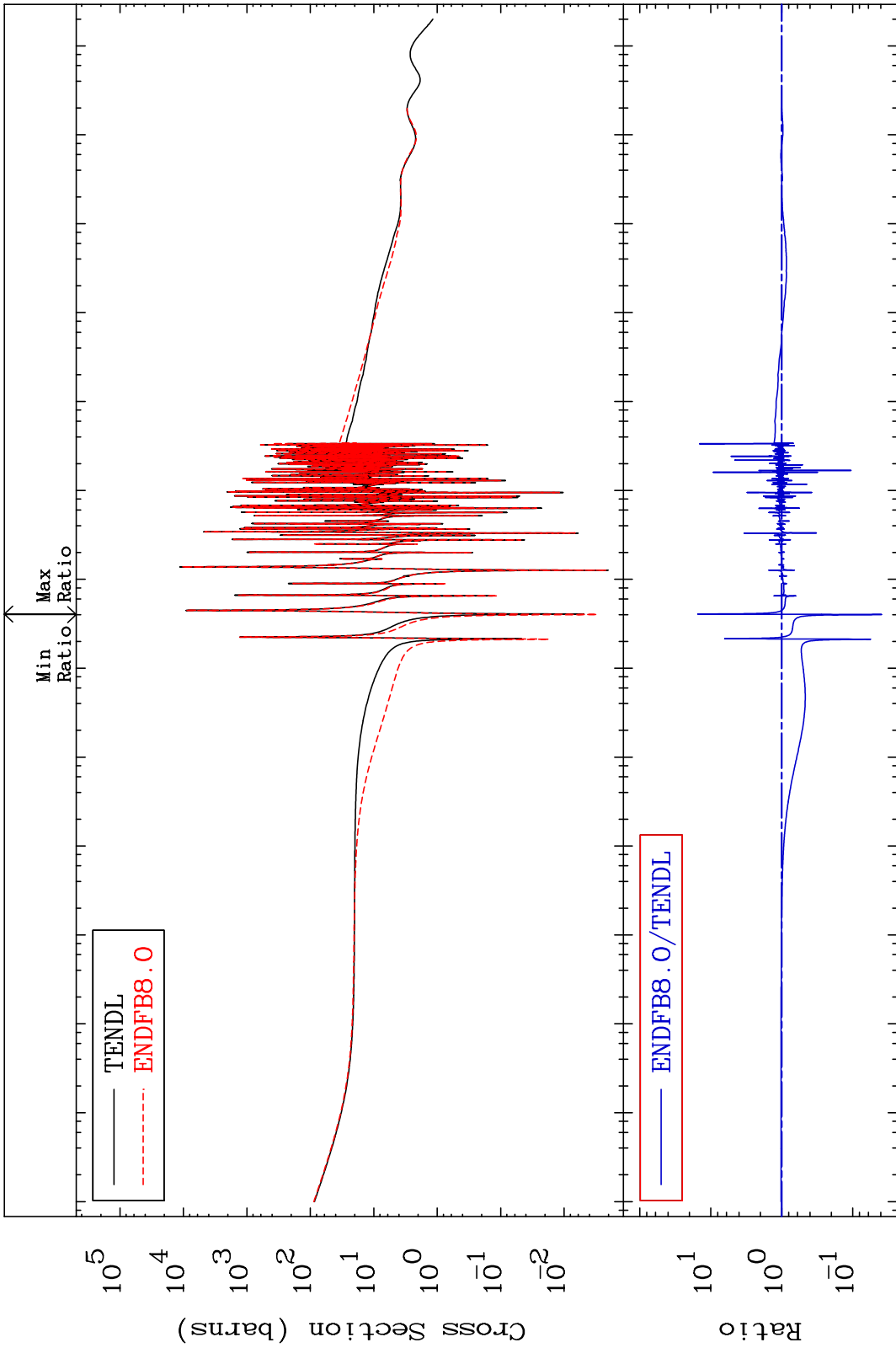
MAT 7631

Elastic

76-0s-186

Cross Section

-96.08 To 1425. %



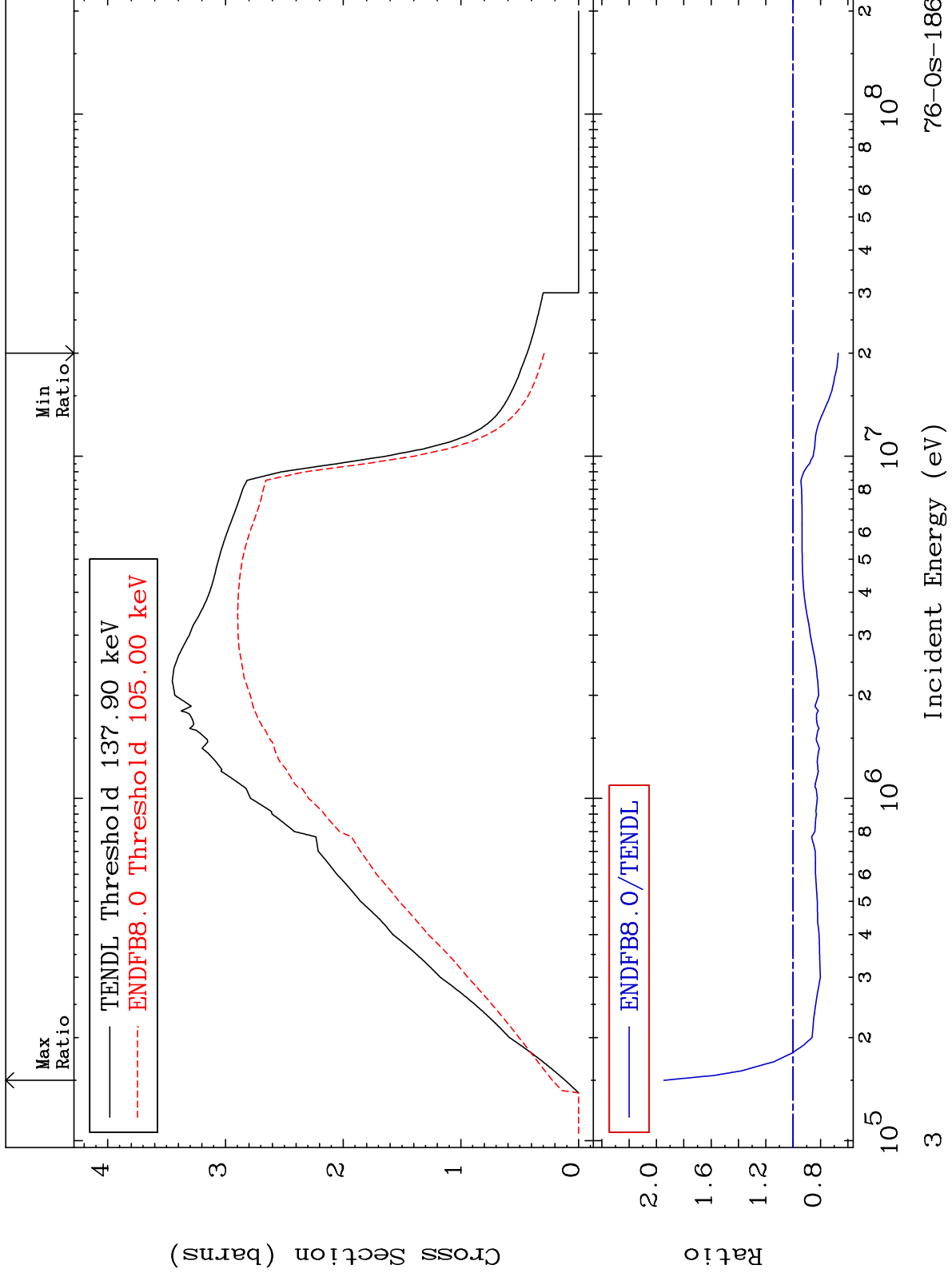
Incident Energy (eV)

76-0s-186

MAT 7631

Inelastic
Cross Section

76-0s-186
-33.05 To 94.52 %



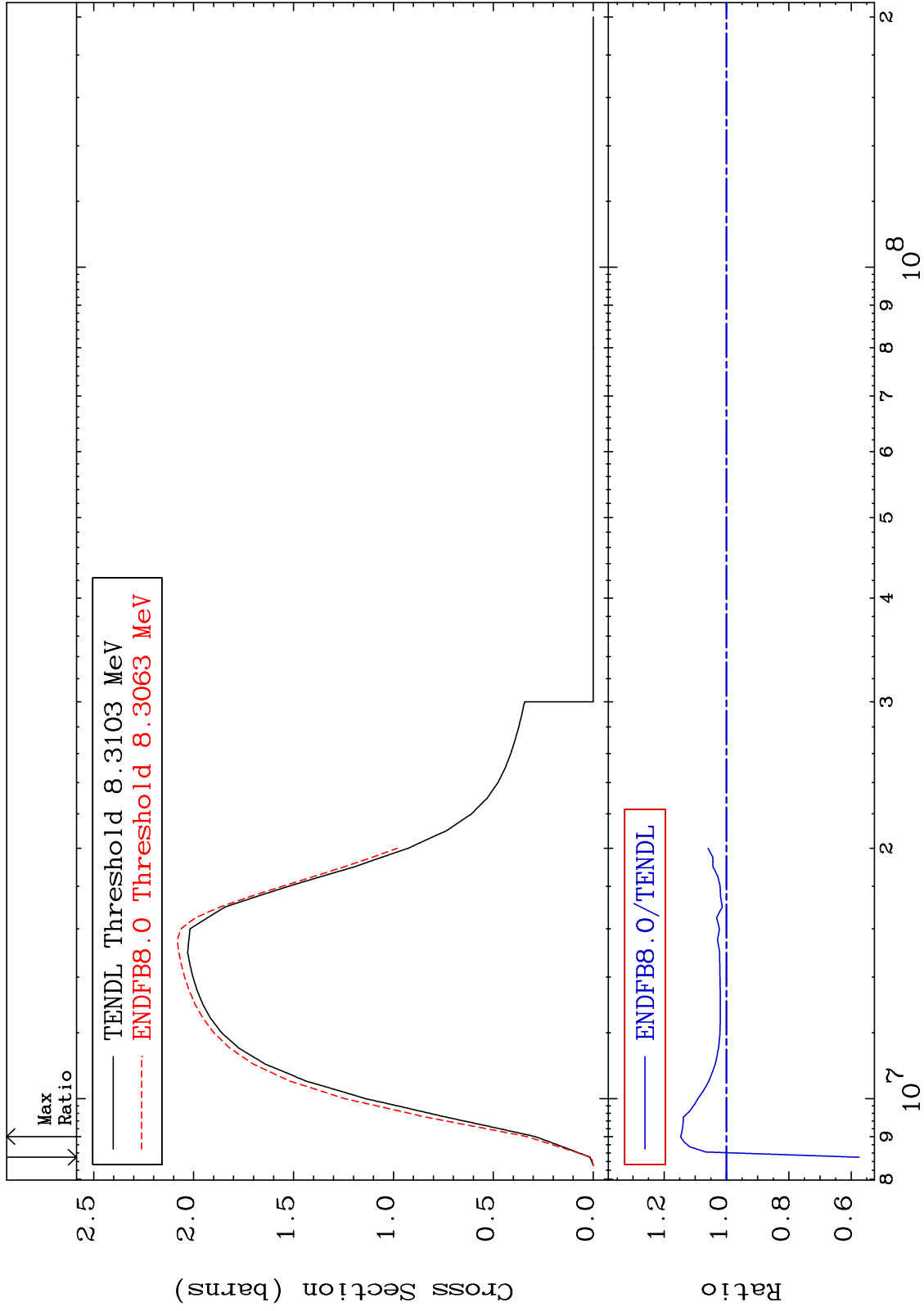
MAT 7631

(n,2n)

76-0s-186

Cross Section

-42.55 To 14.70 %



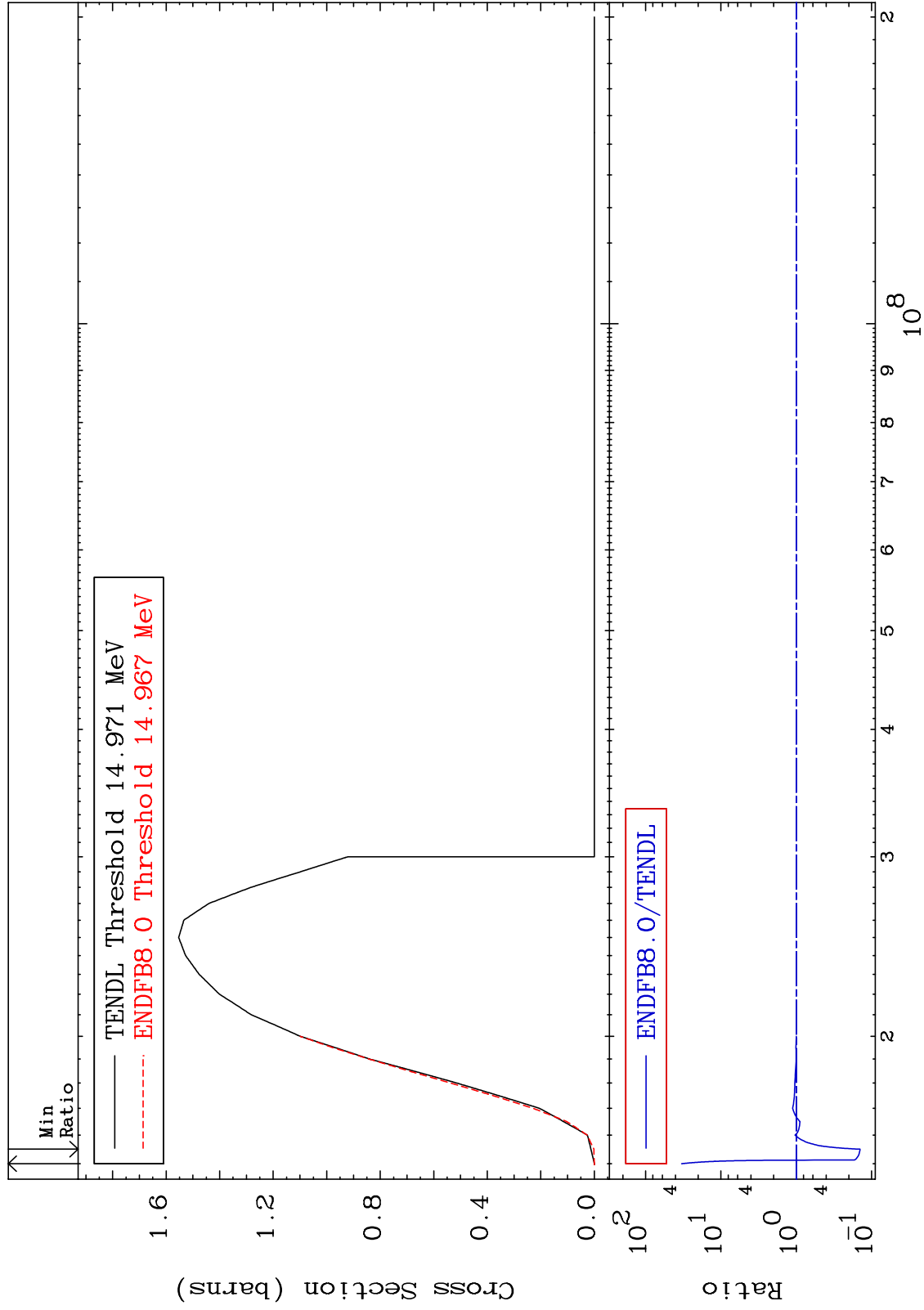
MAT 7631

(n,3n)

76-0s-186

Cross Section

-85.78 To 3222. %



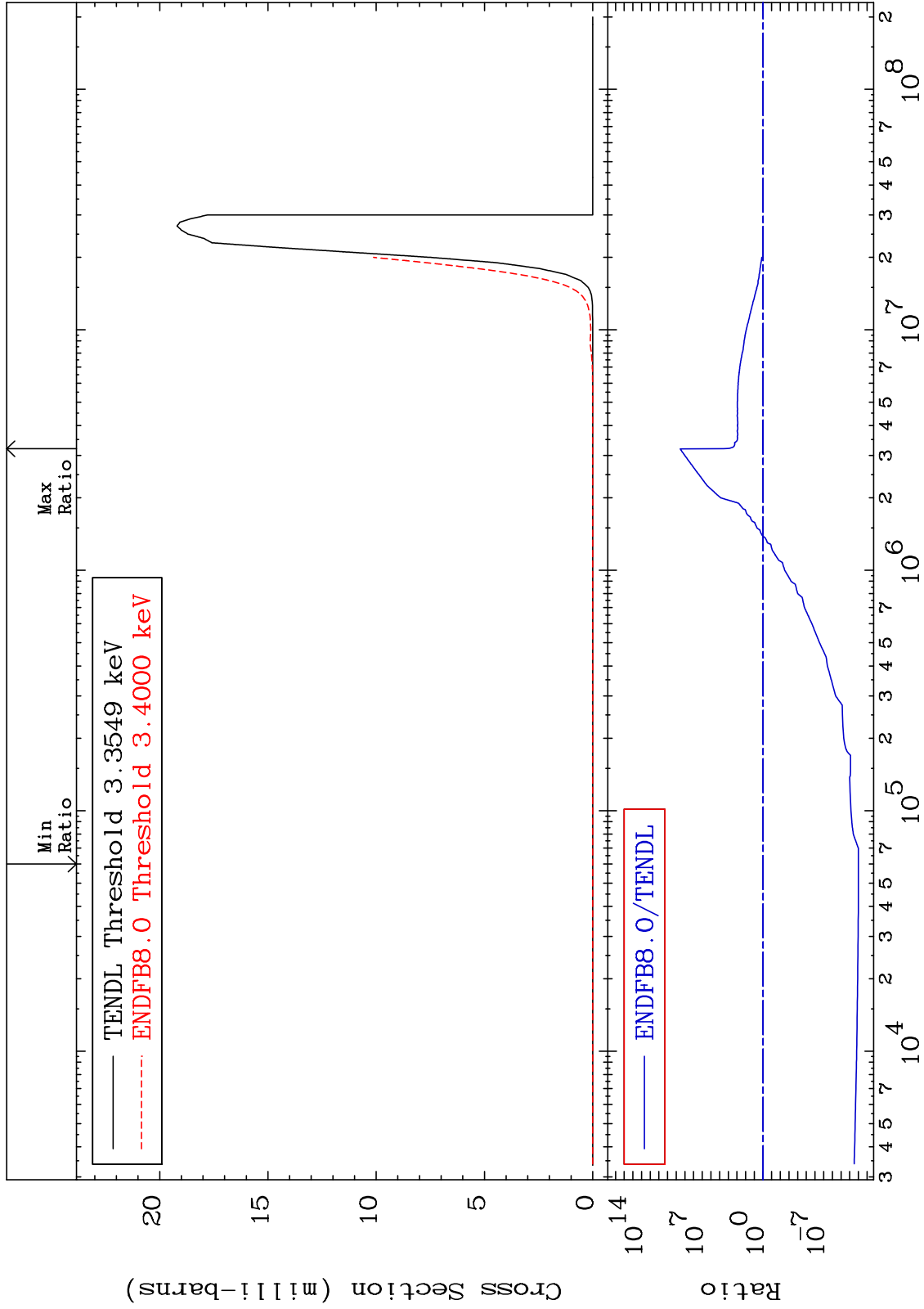
MAT 7631

(n,n') α

76-0s-186

-100.0 To 9999. %

Cross Section



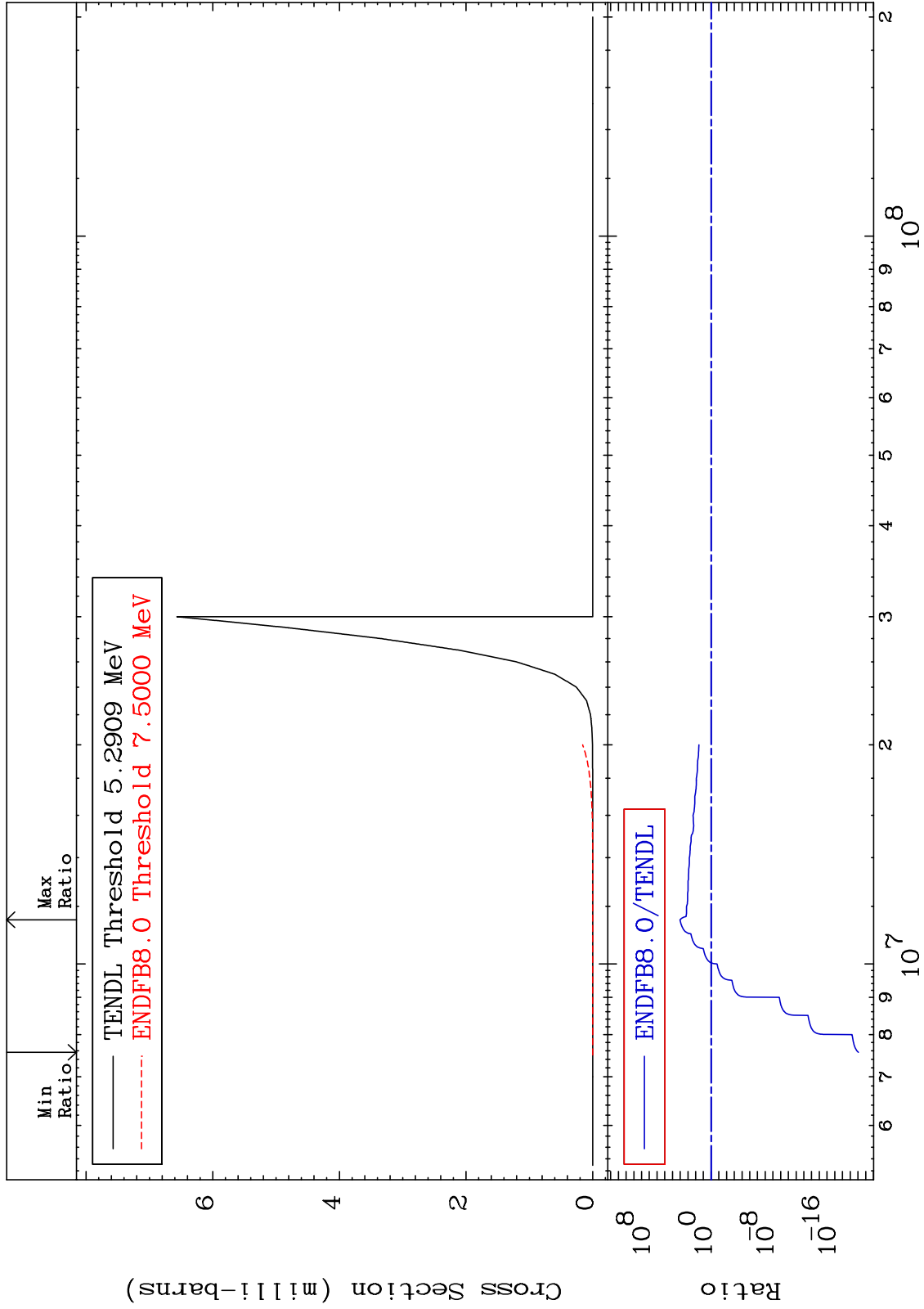
MAT 7631

(n,2n) α

76-0s-186

Cross Section

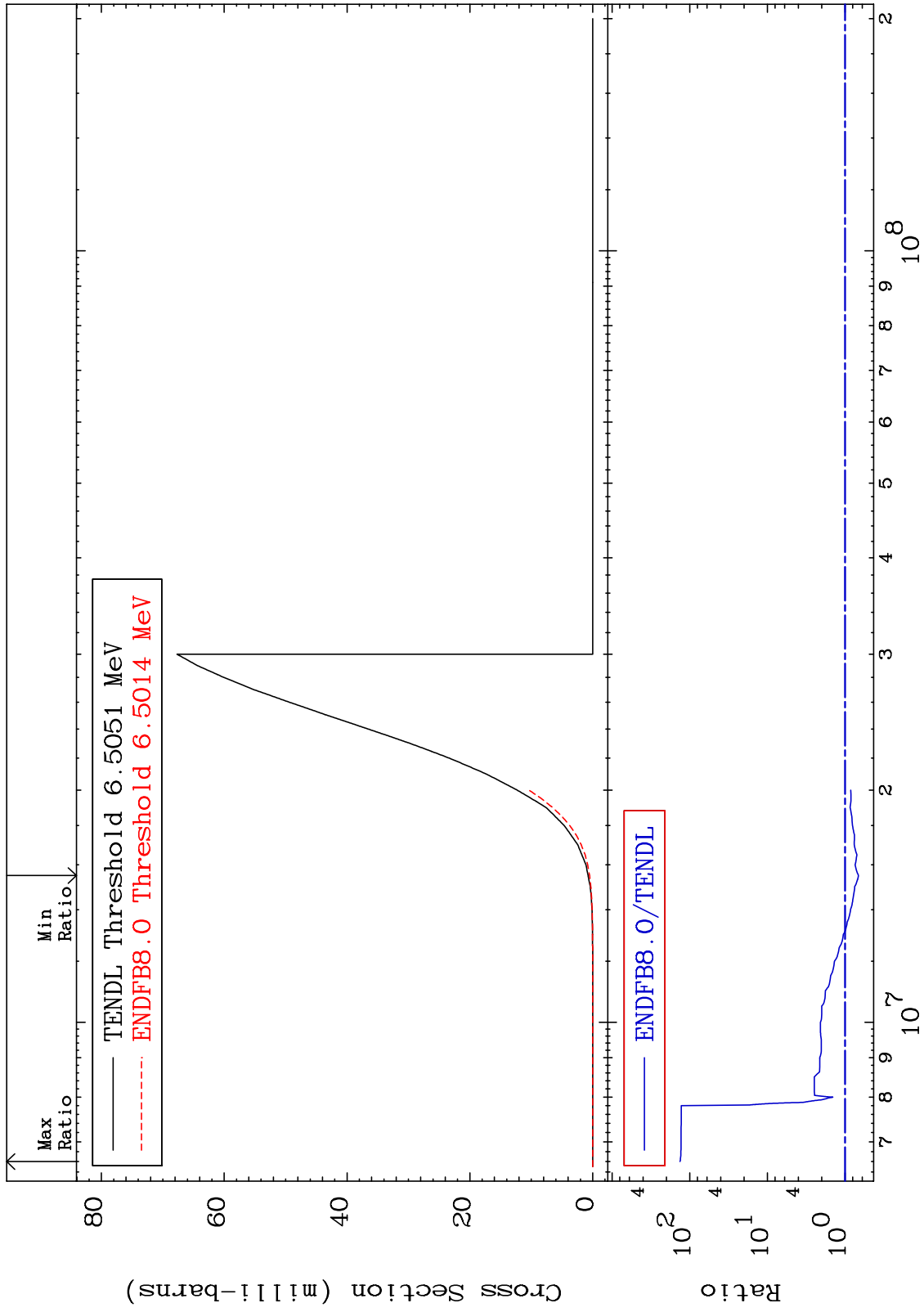
-100.0 To 9999. %



MAT 7631

(n,n') p
Cross Section

⁷⁶Os-186
-32.59 To 9999. %



8

Incident Energy (eV)

⁷⁶Os-186

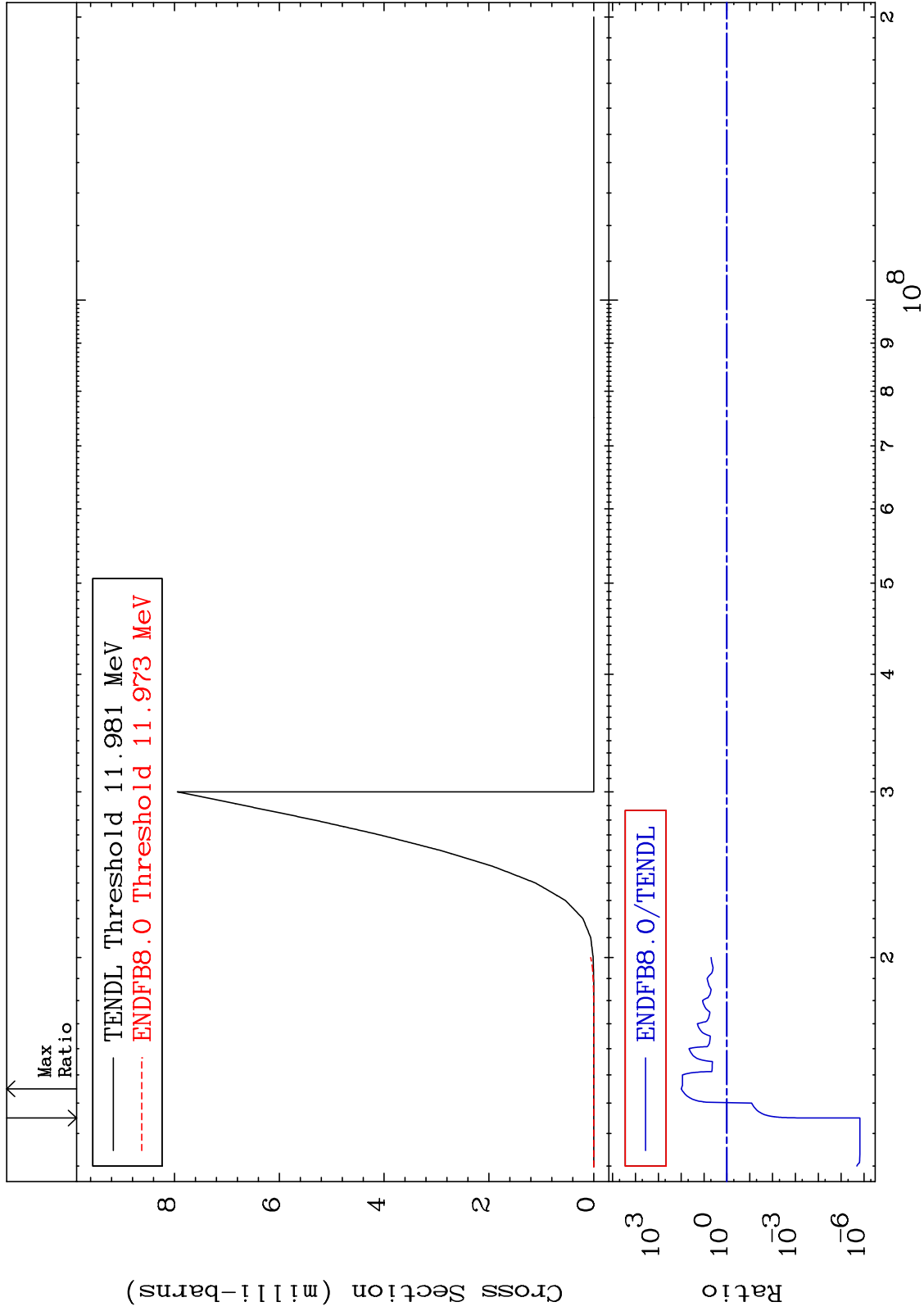
MAT 7631

(n,n') d

76-0s-186

Cross Section

-100.0 To 9856. %



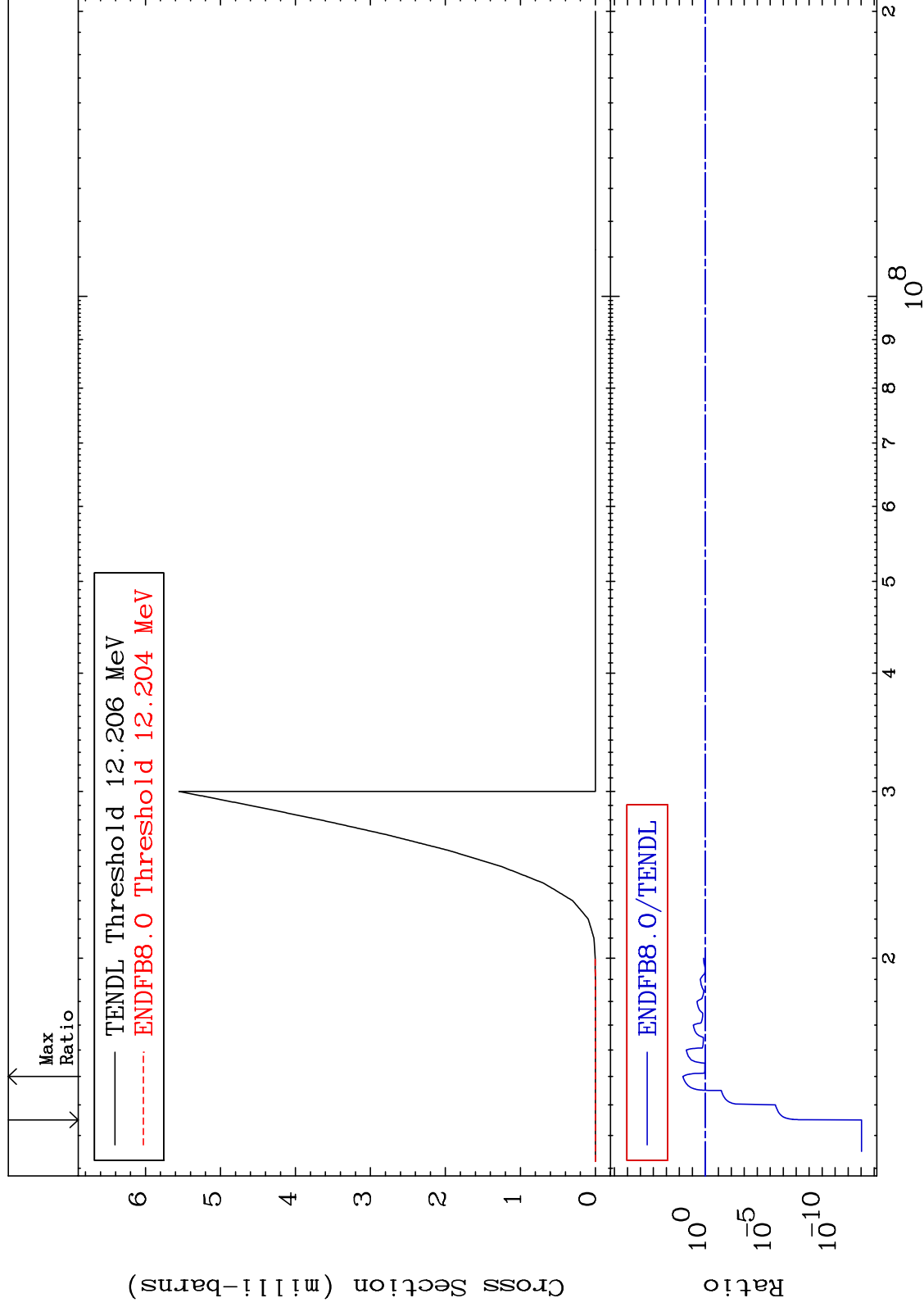
MAT 7631

(n,n') t

76-0s-186

Cross Section

-100.0 To 5263. %



10

Incident Energy (eV)

76-0s-186

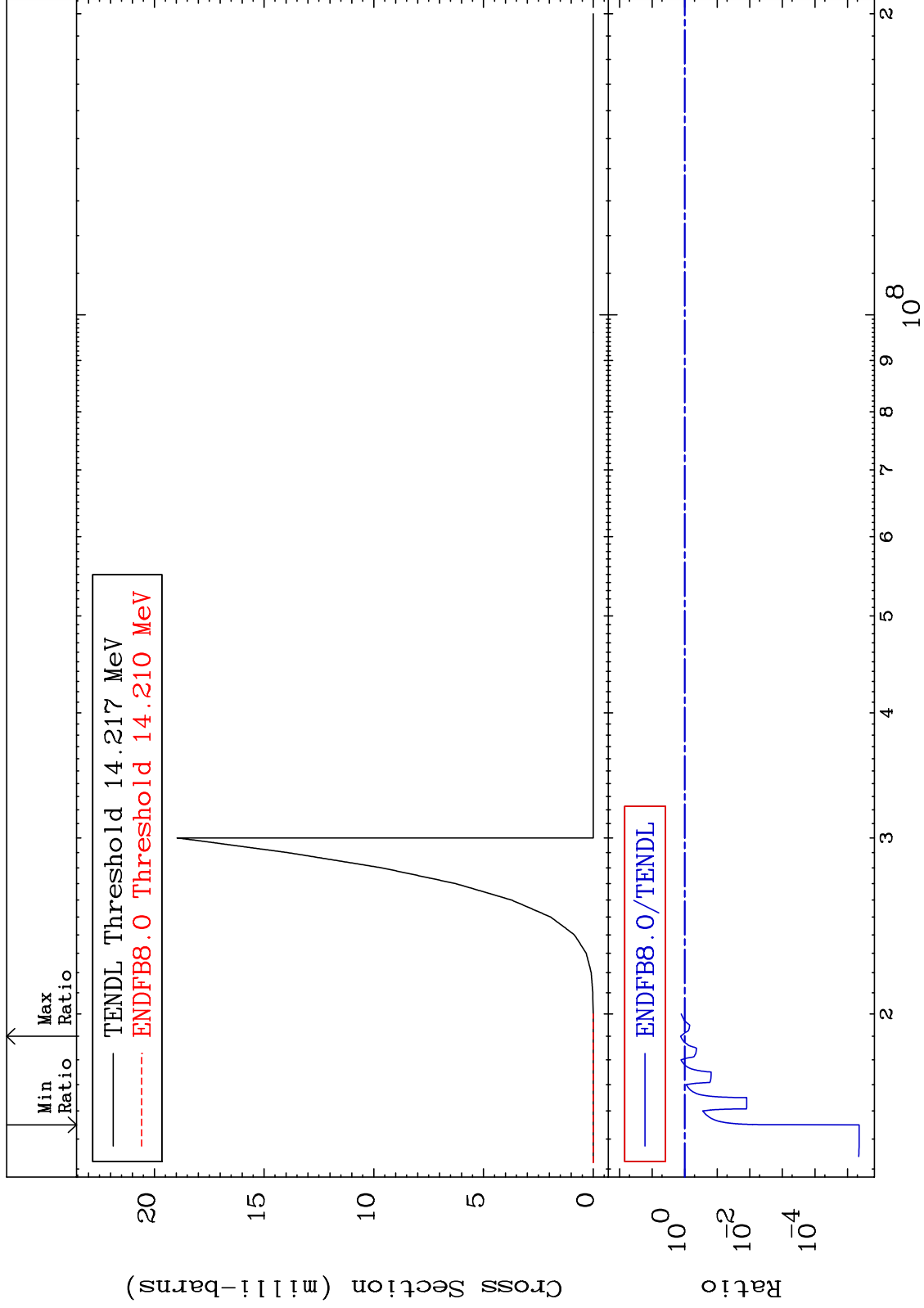
MAT 7631

(n,2n) p

76-0s-186

Cross Section

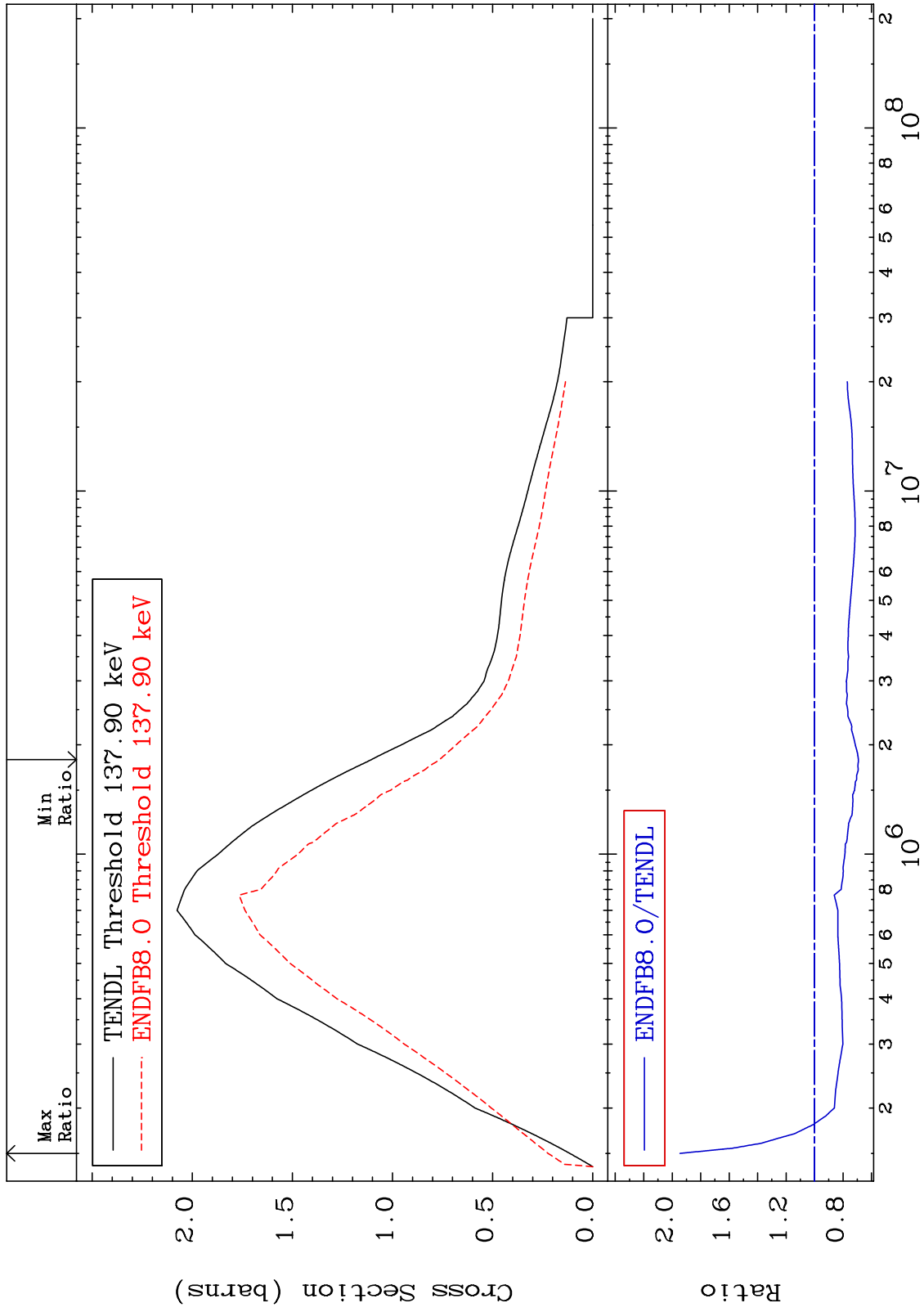
-100.0 To 33.65 %



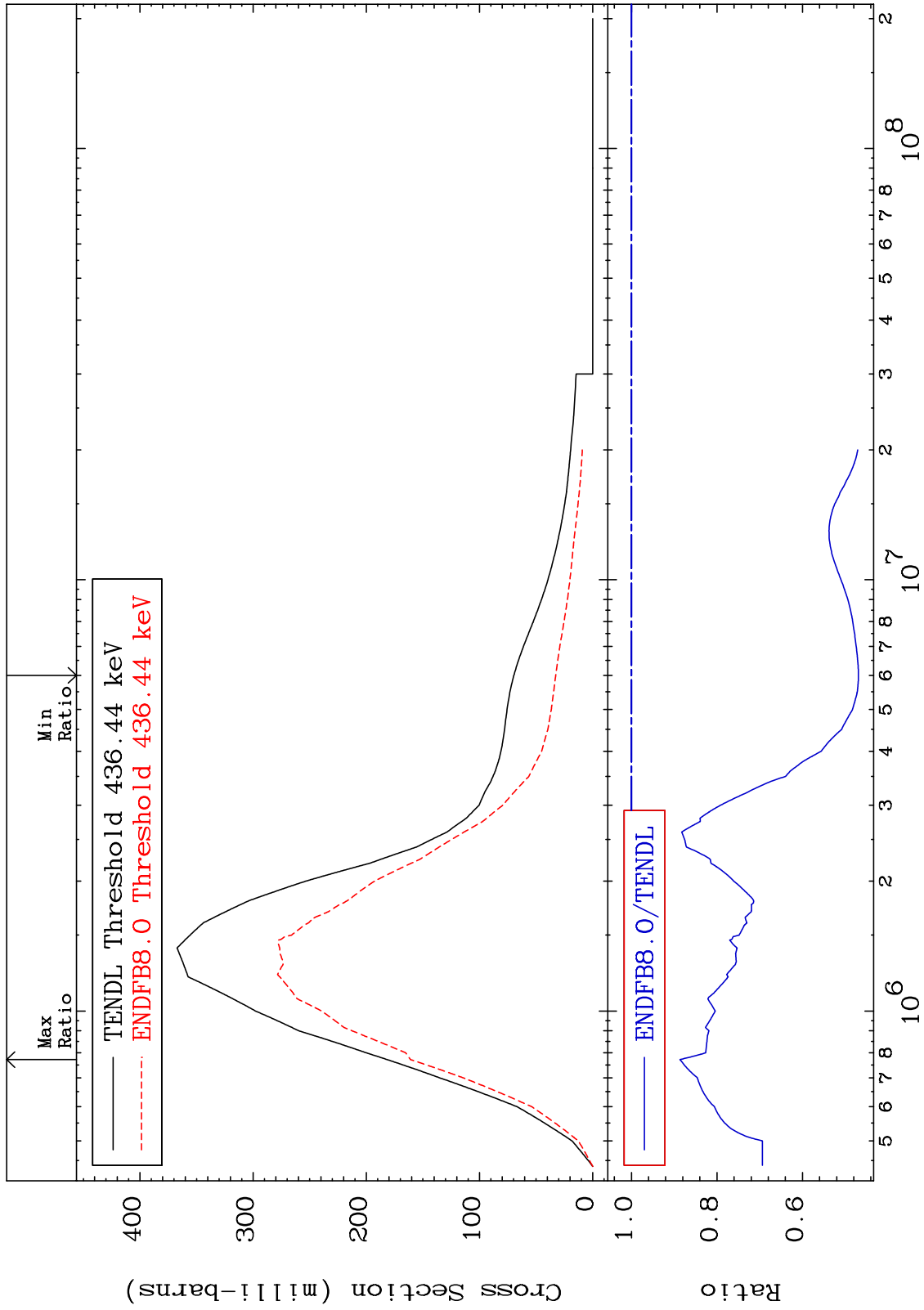
MAT 7631

MT= 51 (n,n') Level
Cross Section

76-0s-186
-30.81 To 94.52 %



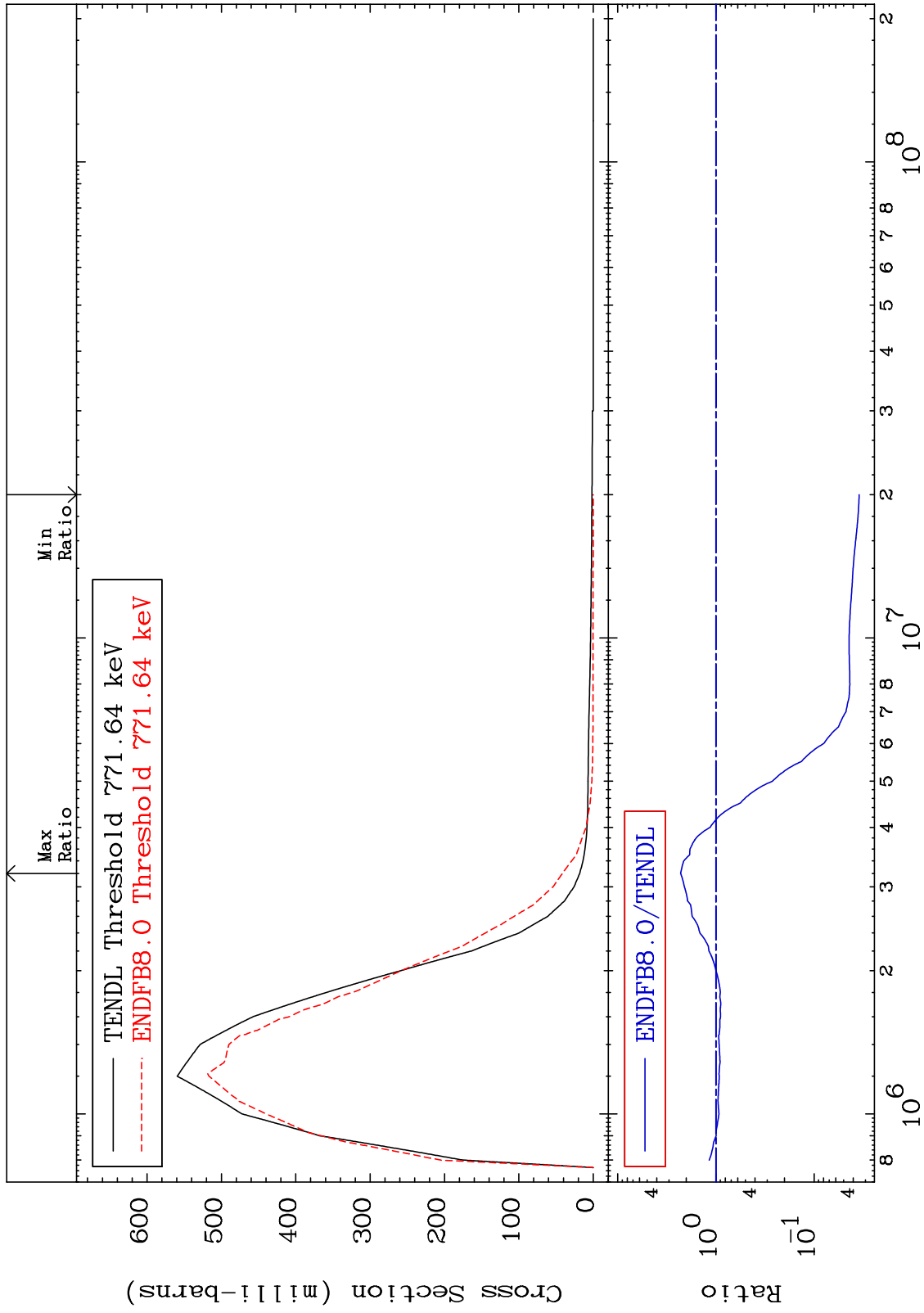
MAT 7631 MT= 52 (n,n') Level 76-0s-186
 Cross Section -53.08 To -11.36%



MAT 7631

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

76-0s-186
-96.53 To 128.6 %



14

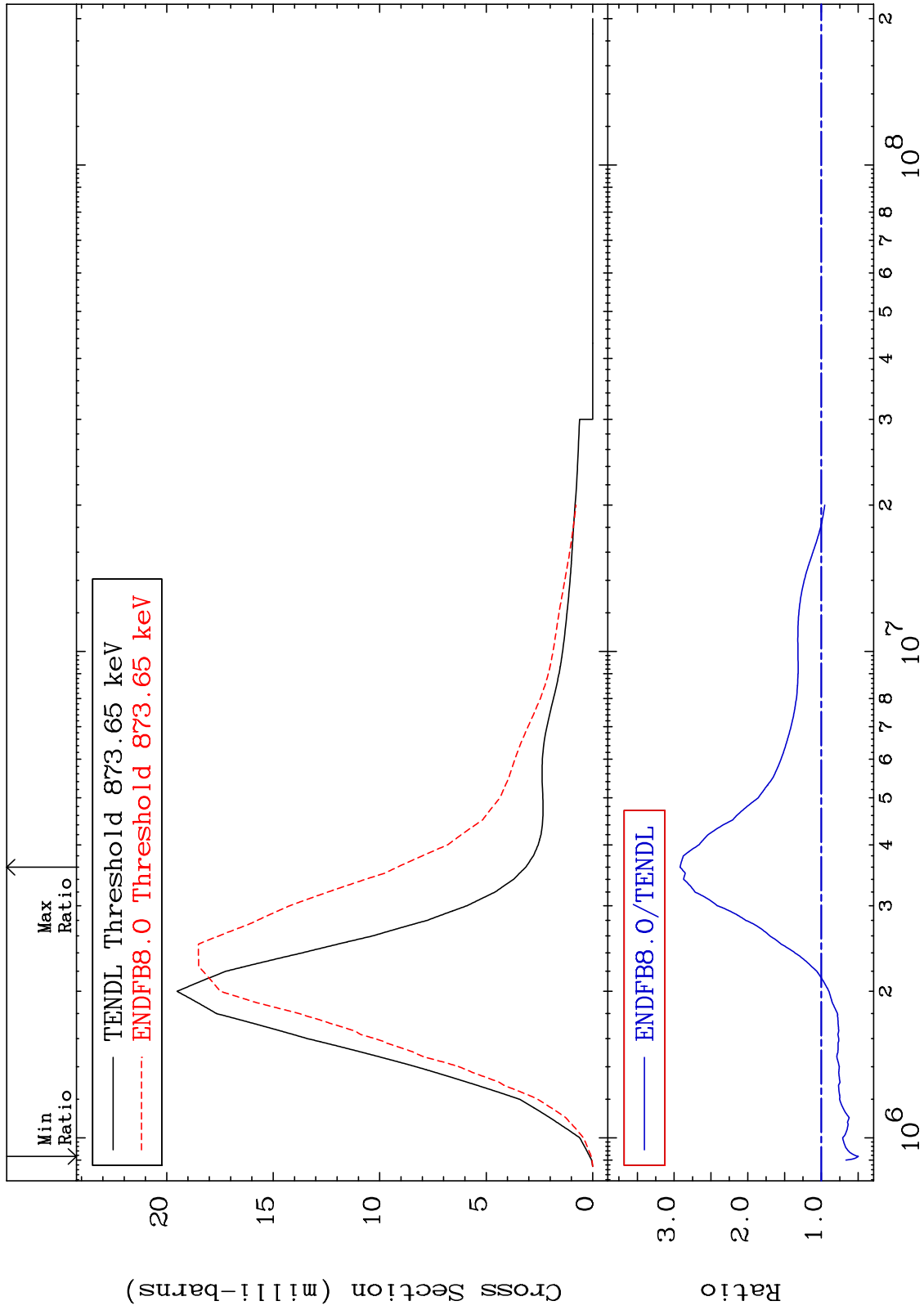
Incident Energy (eV)

76-0s-186

MAT 7631

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

76-0s-186
-50.35 To 192.0 %



15

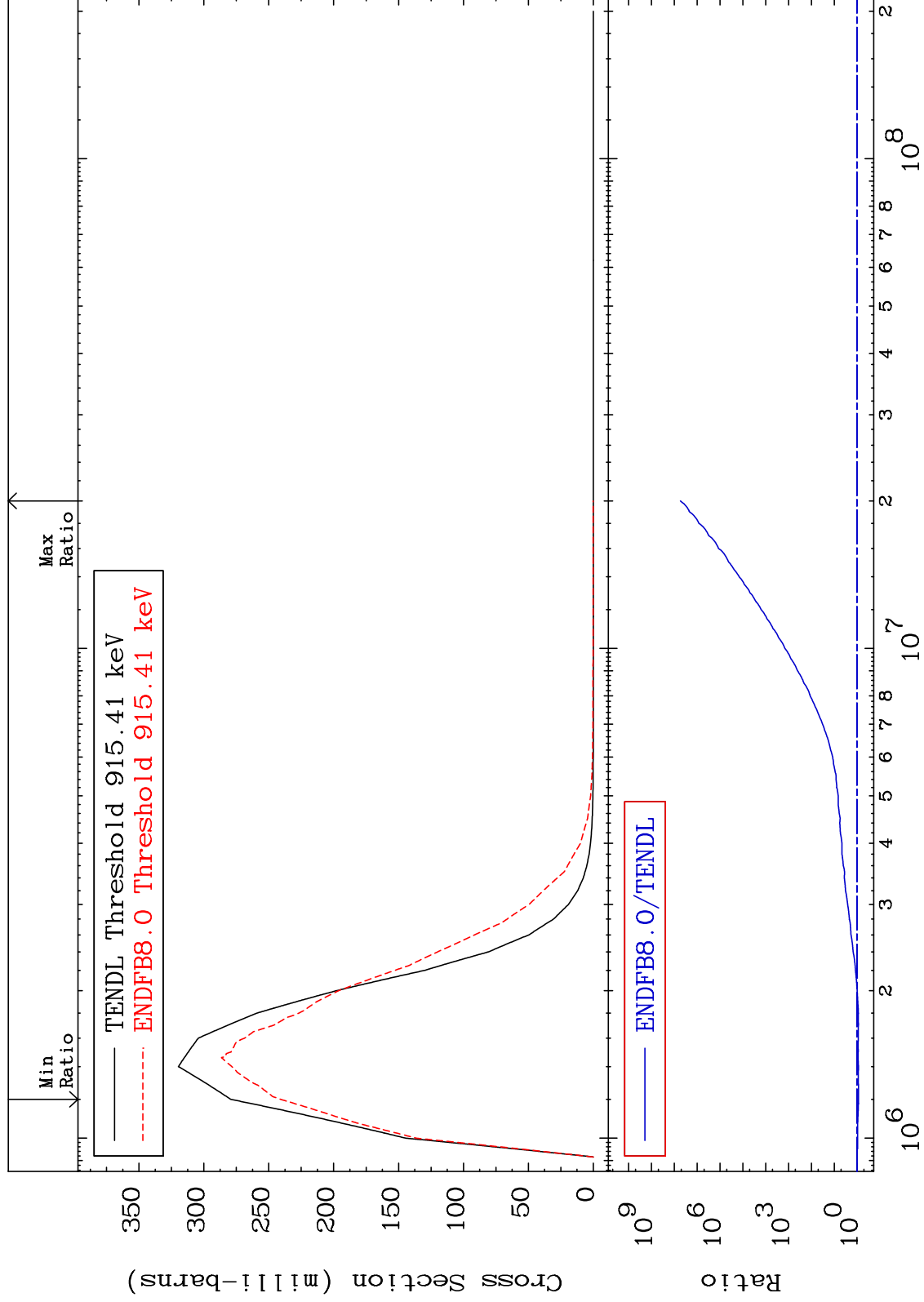
Incident Energy (eV)

76-0s-186

MAT 7631

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

76-0s-186
-13.78 To 9999. %



Incident Energy (eV)

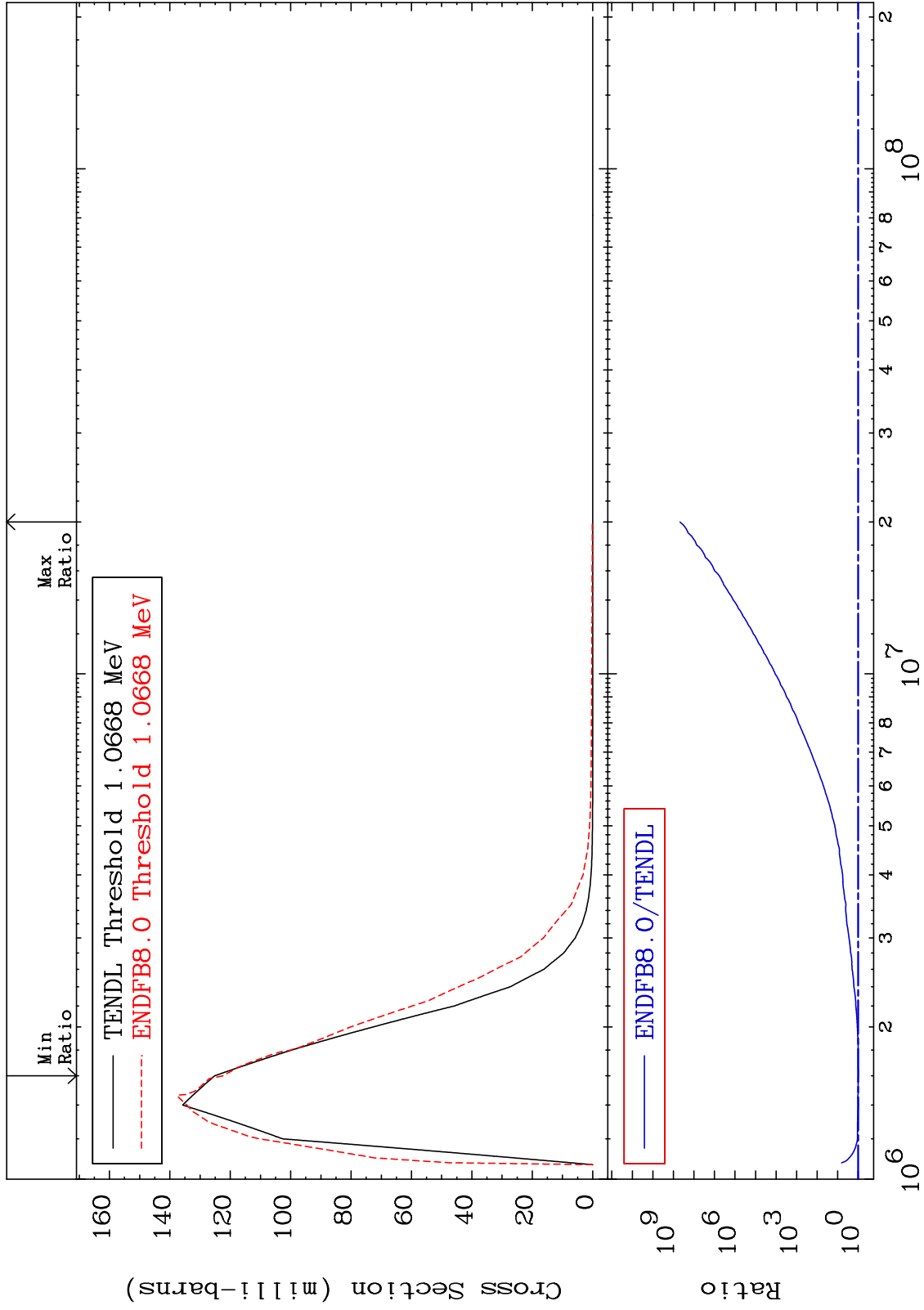
76-0s-186

16

MAT 7631

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

76-0s-186
-2.185 To 9999. %



17

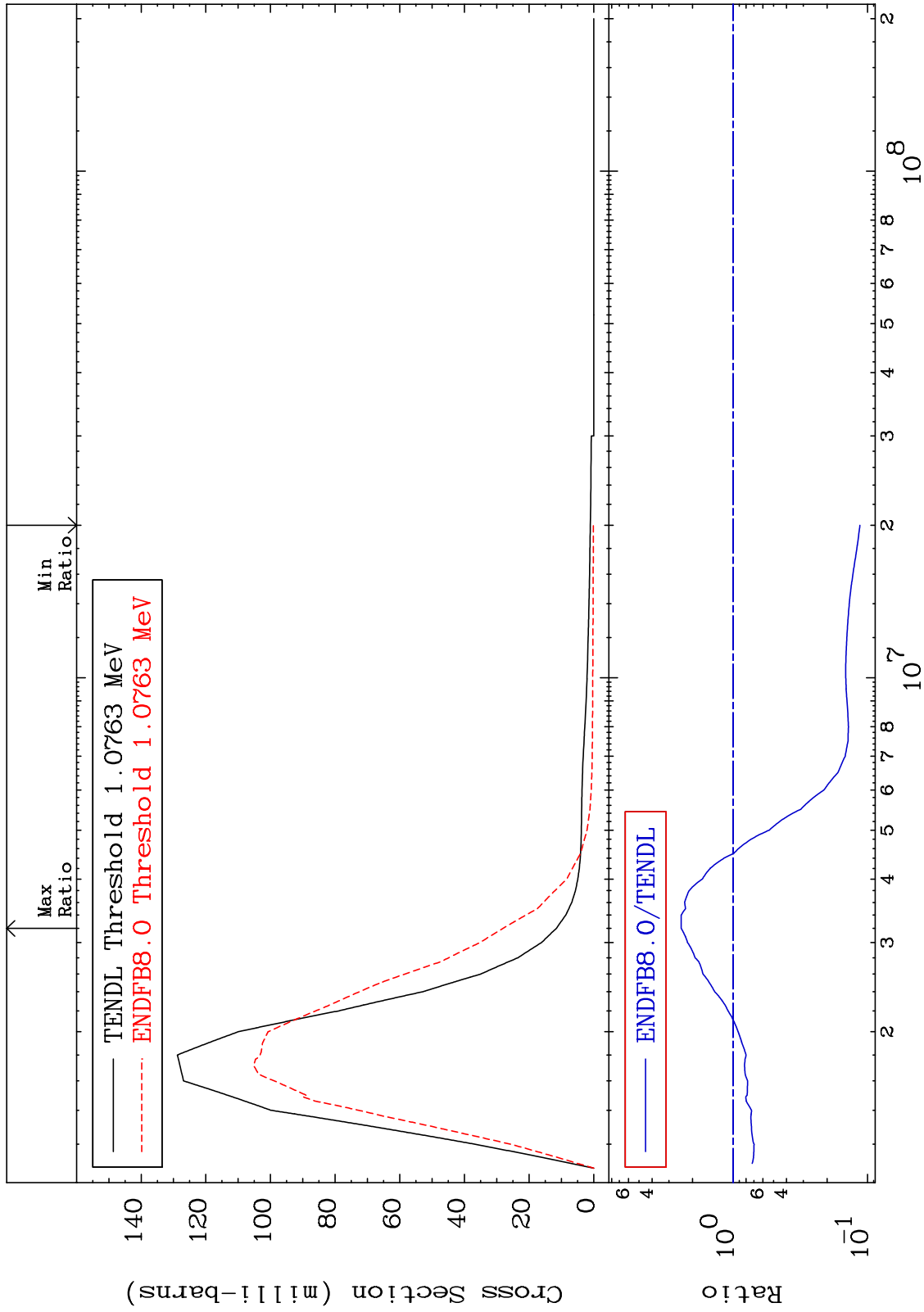
Incident Energy (eV)

76-0s-186

MAT 7631

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

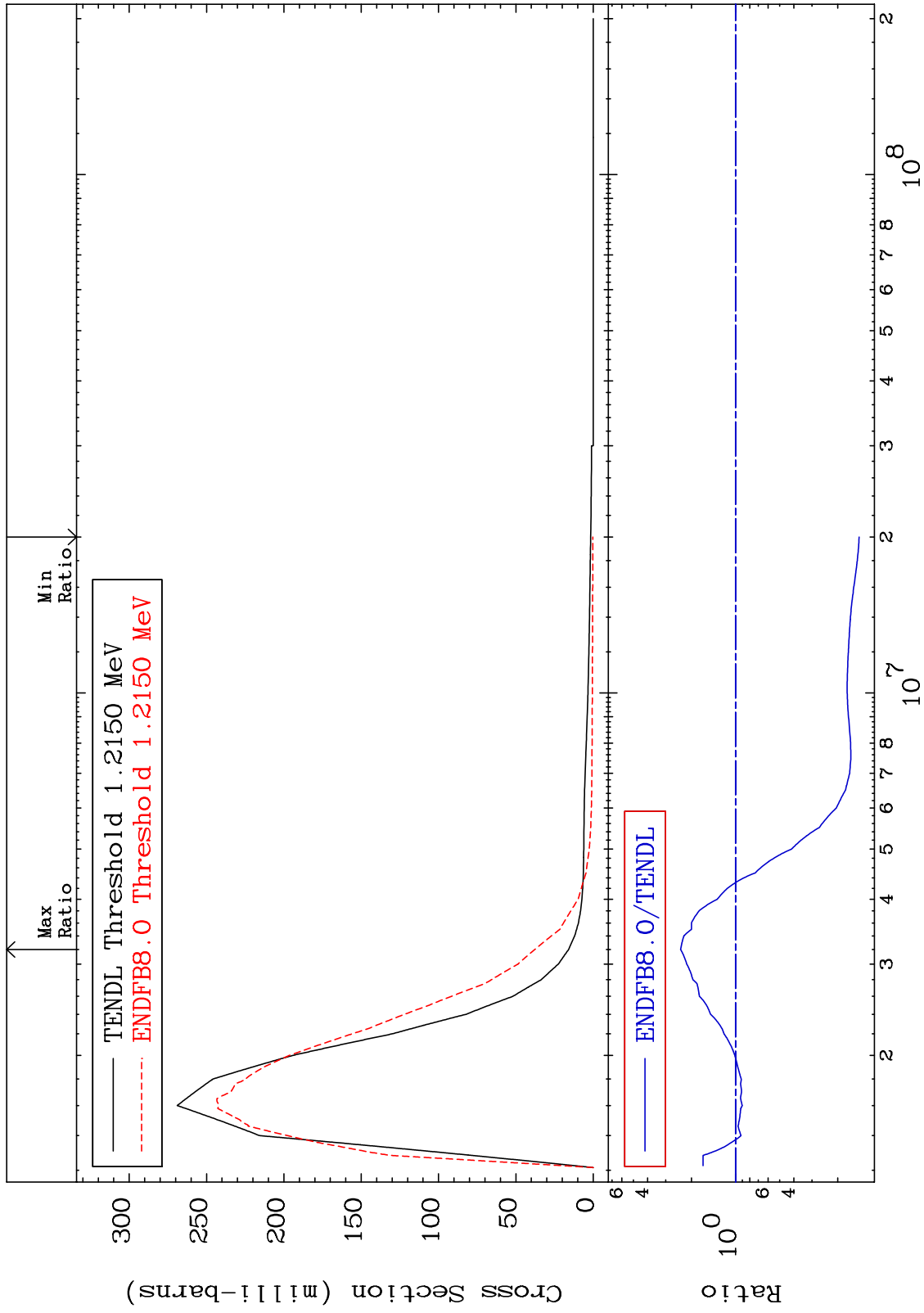
76-Os-186
-88.61 To 142.9 %



MAT 7631

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

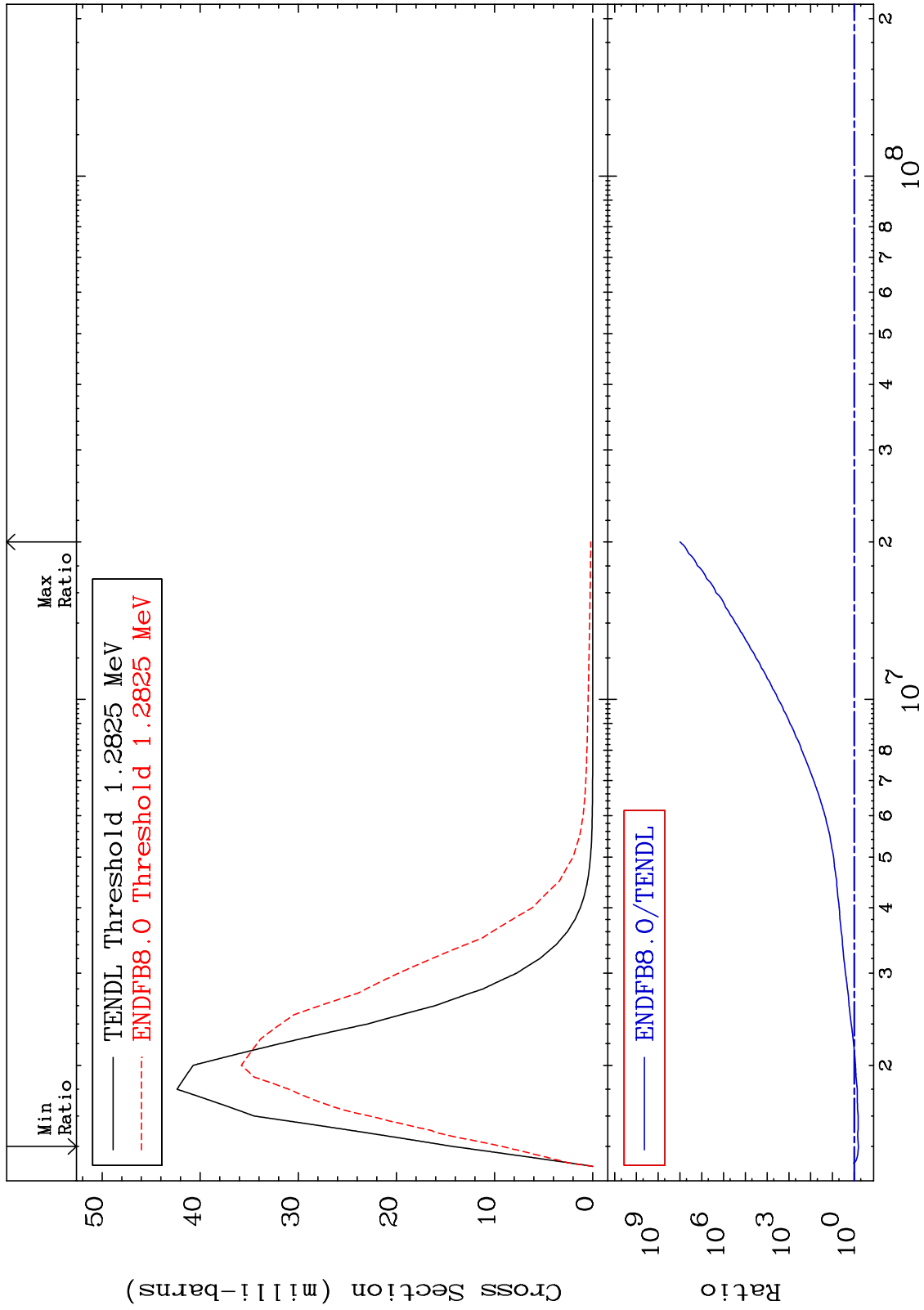
76-0s-186
-85.72 To 137.6 %



MAT 7631

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

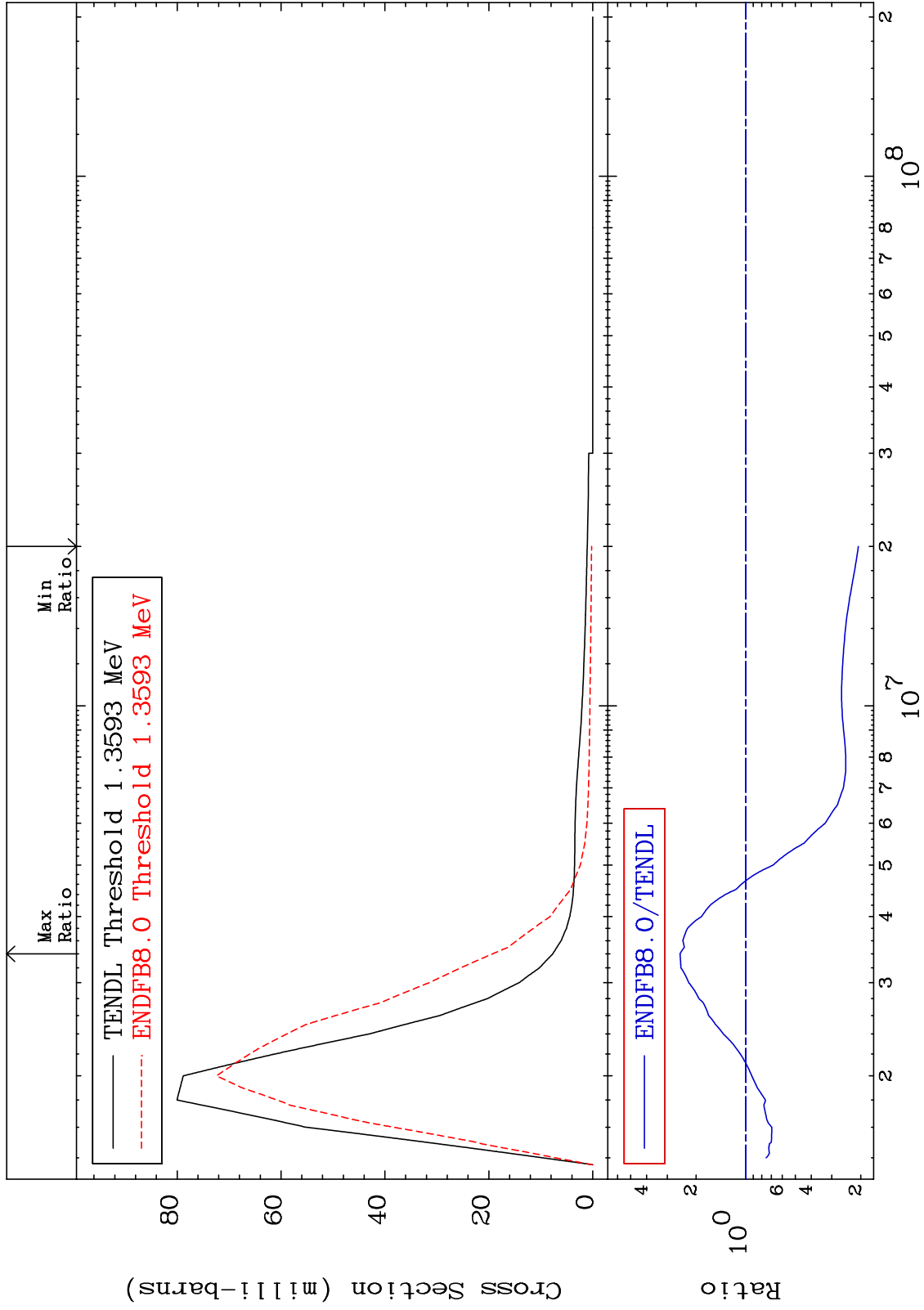
76-0s-186
-35.42 To 9999. %



MAT 7631

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

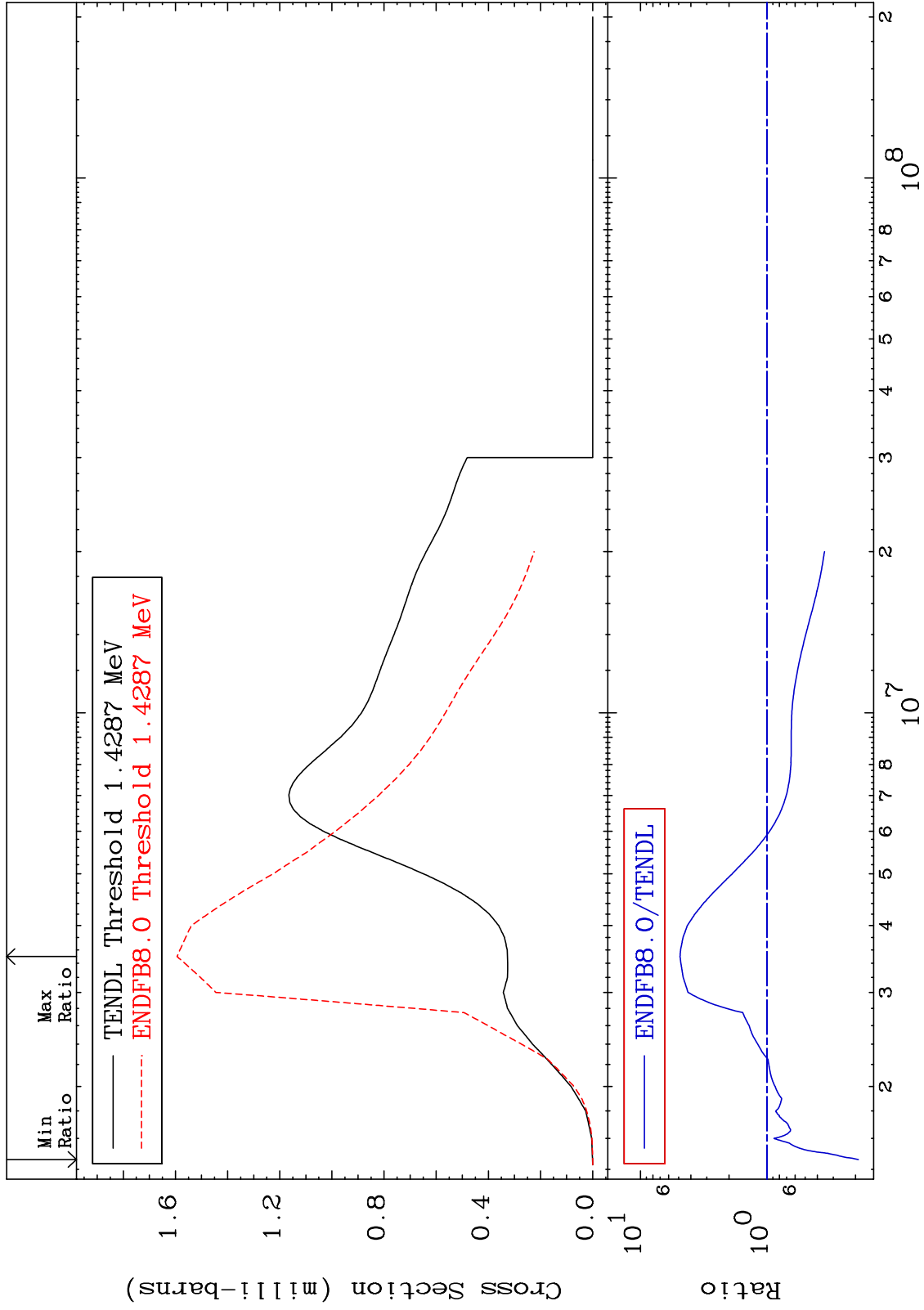
76-0s-186
-79.32 To 150.8 %



MAT 7631

MT= 61 (n,n') Level
Cross Section

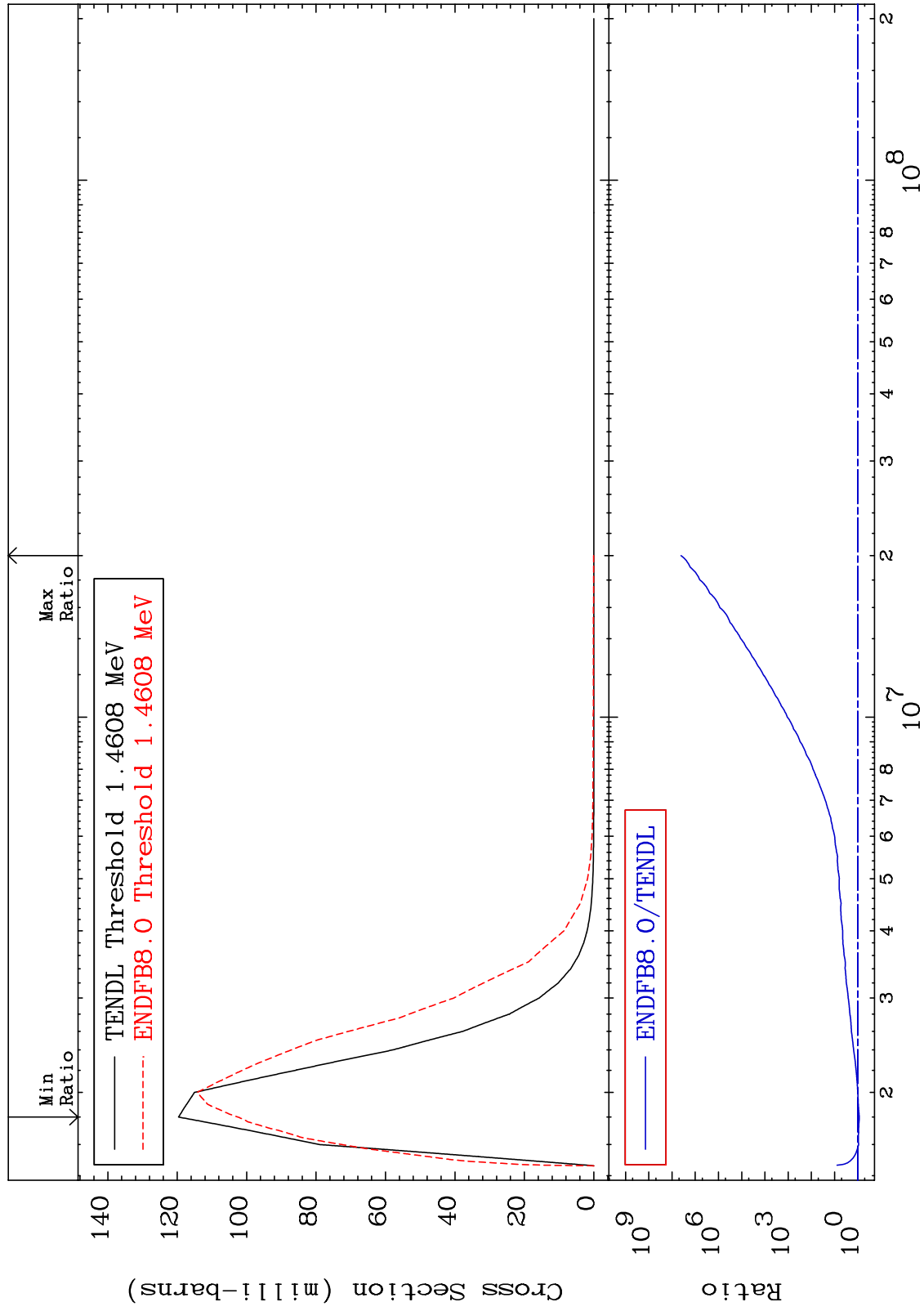
76-0s-186
-81.05 To 387.6 %



MAT 7631

MT= 62 (n,n') Level
Cross Section

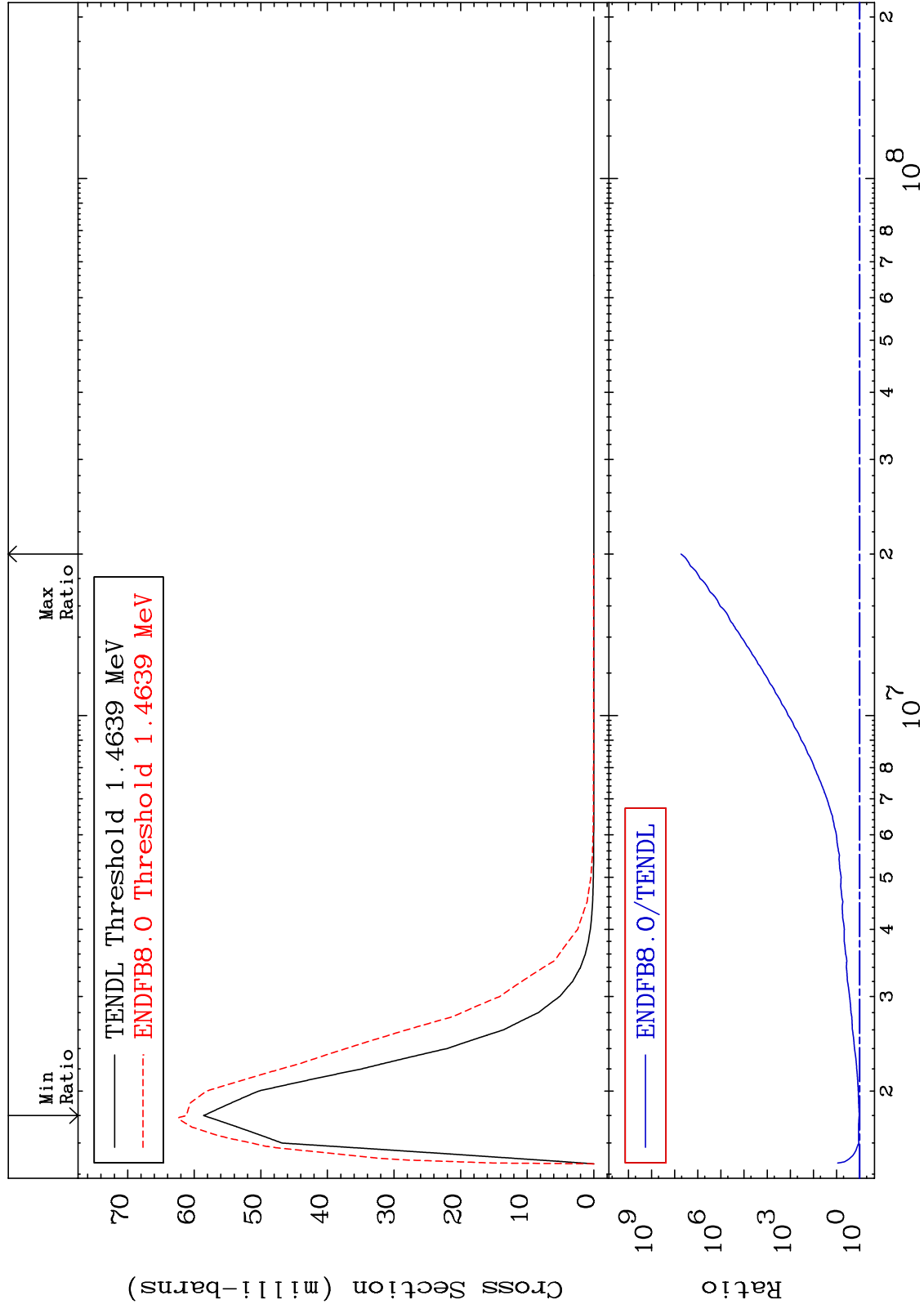
76-0s-186
-14.29 To 9999. %



MAT 7631

MT= 63 (n,n') Level
Cross Section

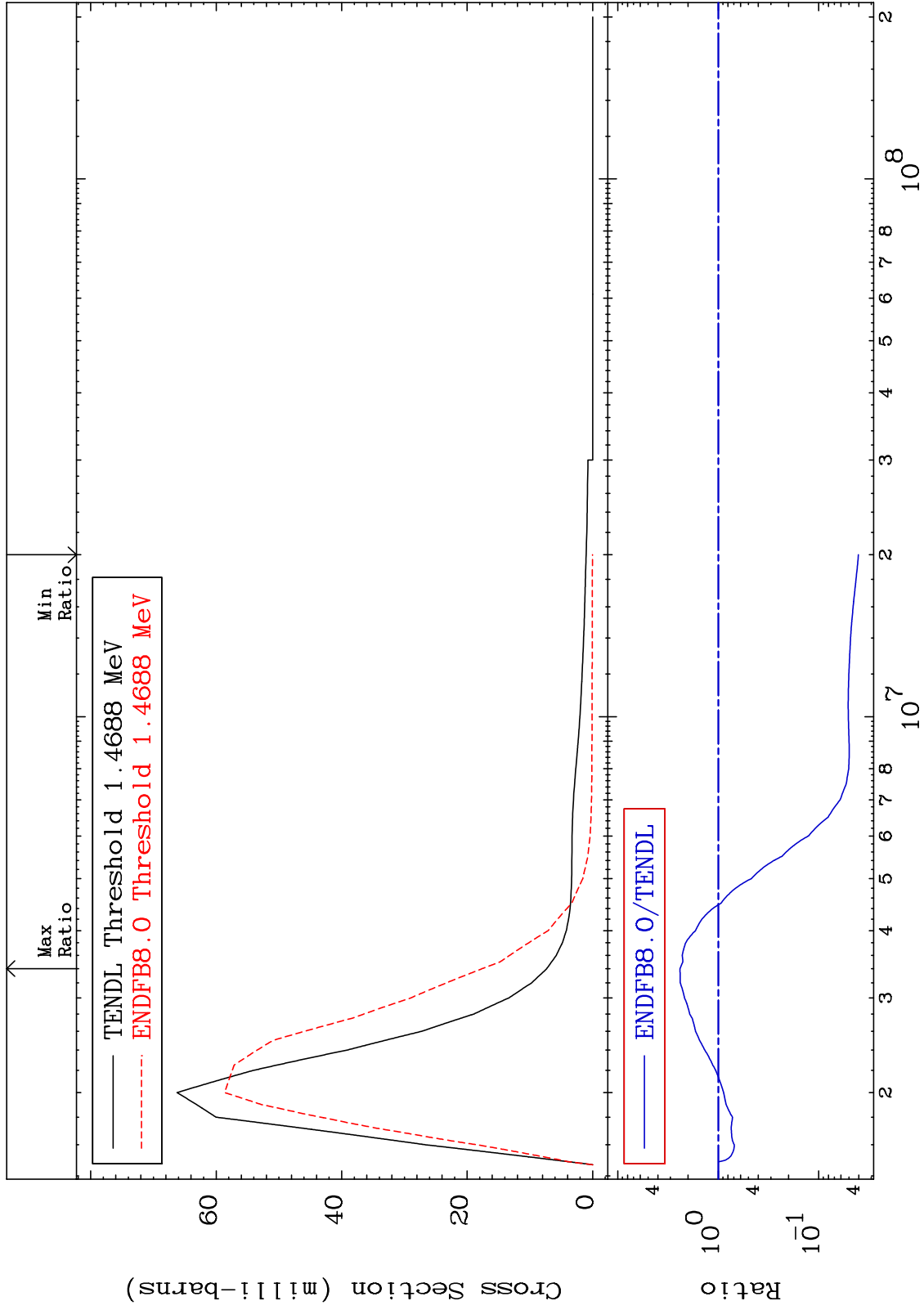
76-0s-186
4.443 To 9999. %



MAT 7631

MT= 64 (n,n') Level
Cross Section

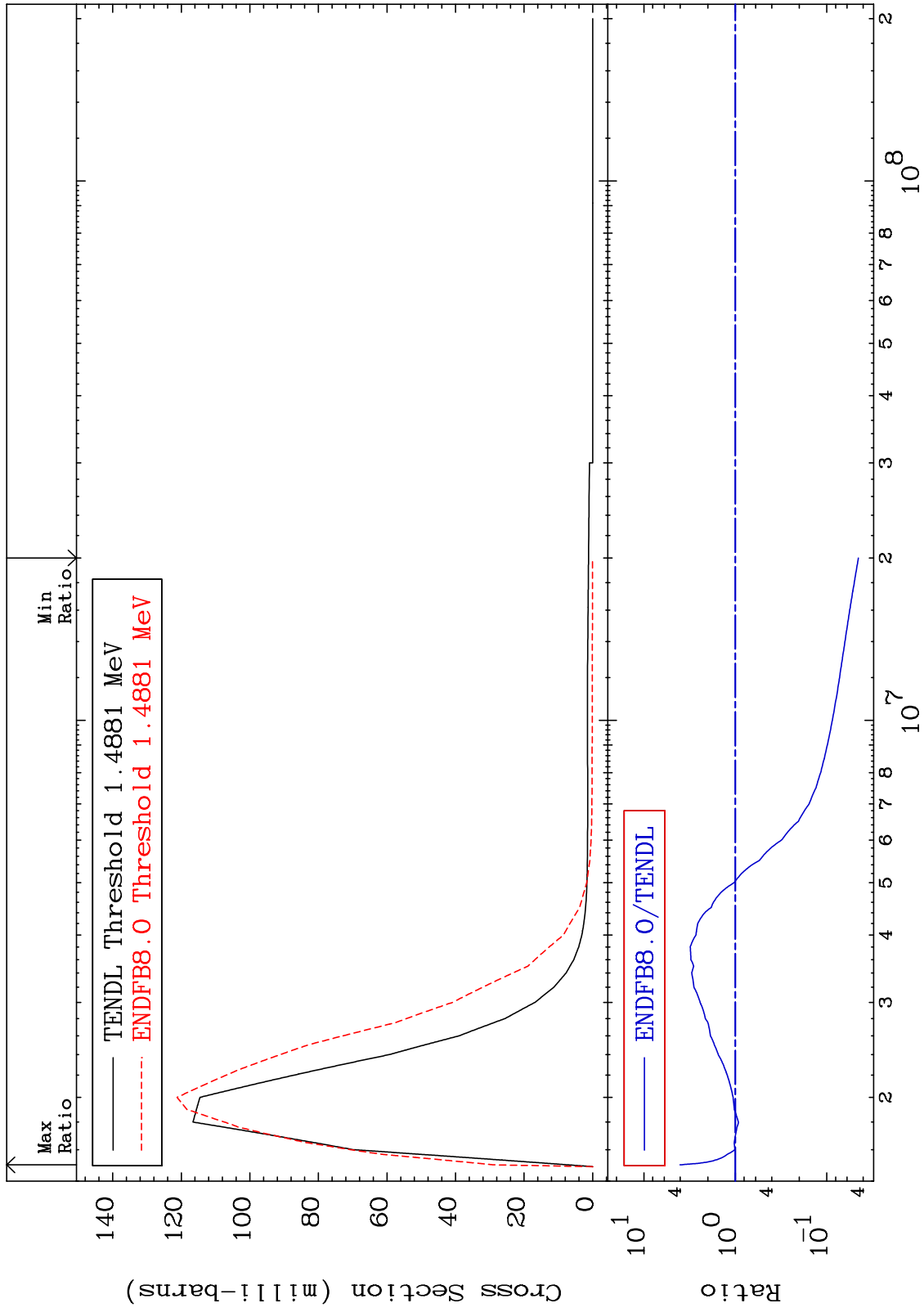
76-0s-186
-95.97 To 140.5 %



MAT 7631

MT= 65 (n,n') Level
Cross Section

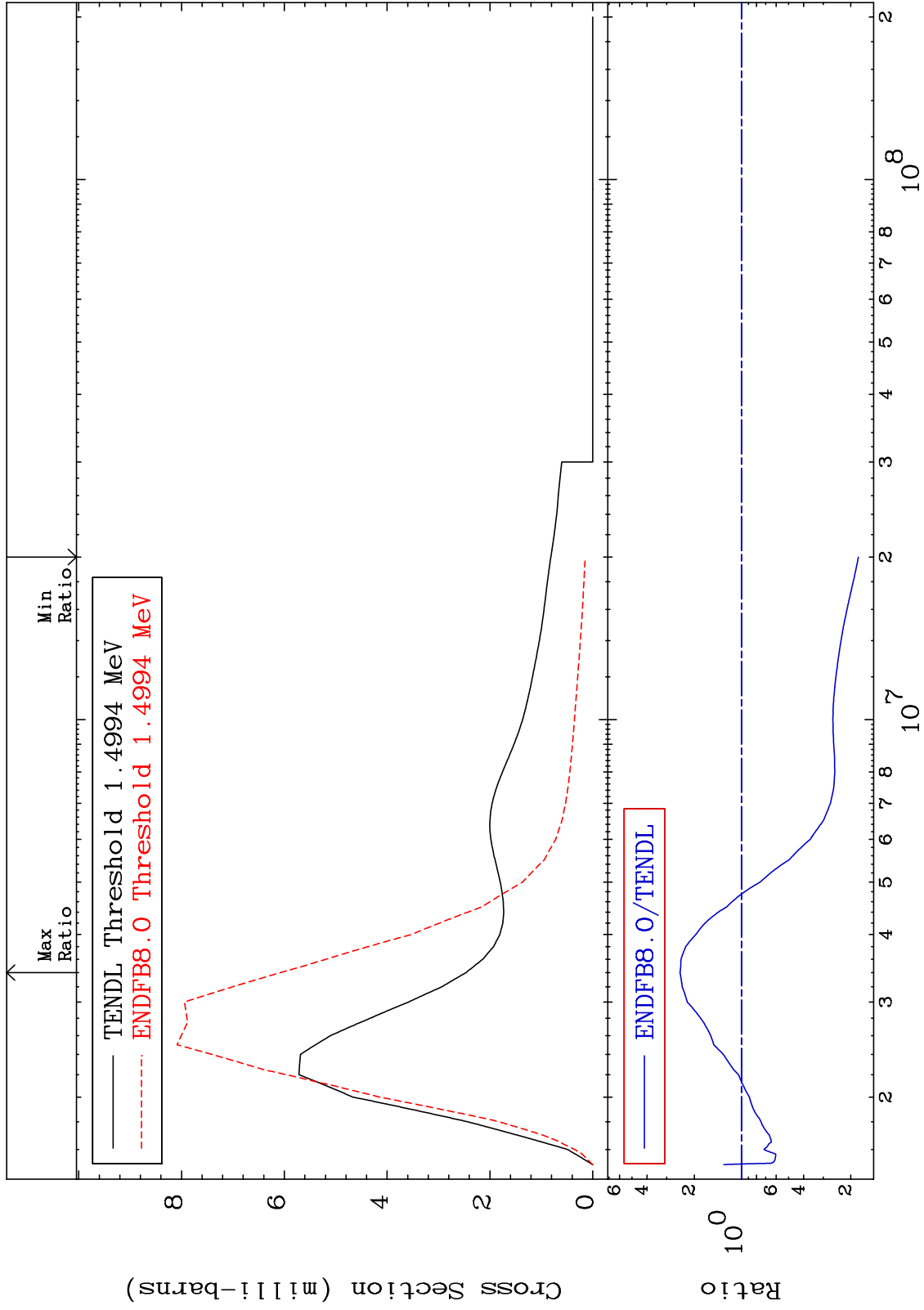
76-0s-186
-95.50 To 302.6 %



MAT 7631

MT= 66 (n,n') Level
Cross Section

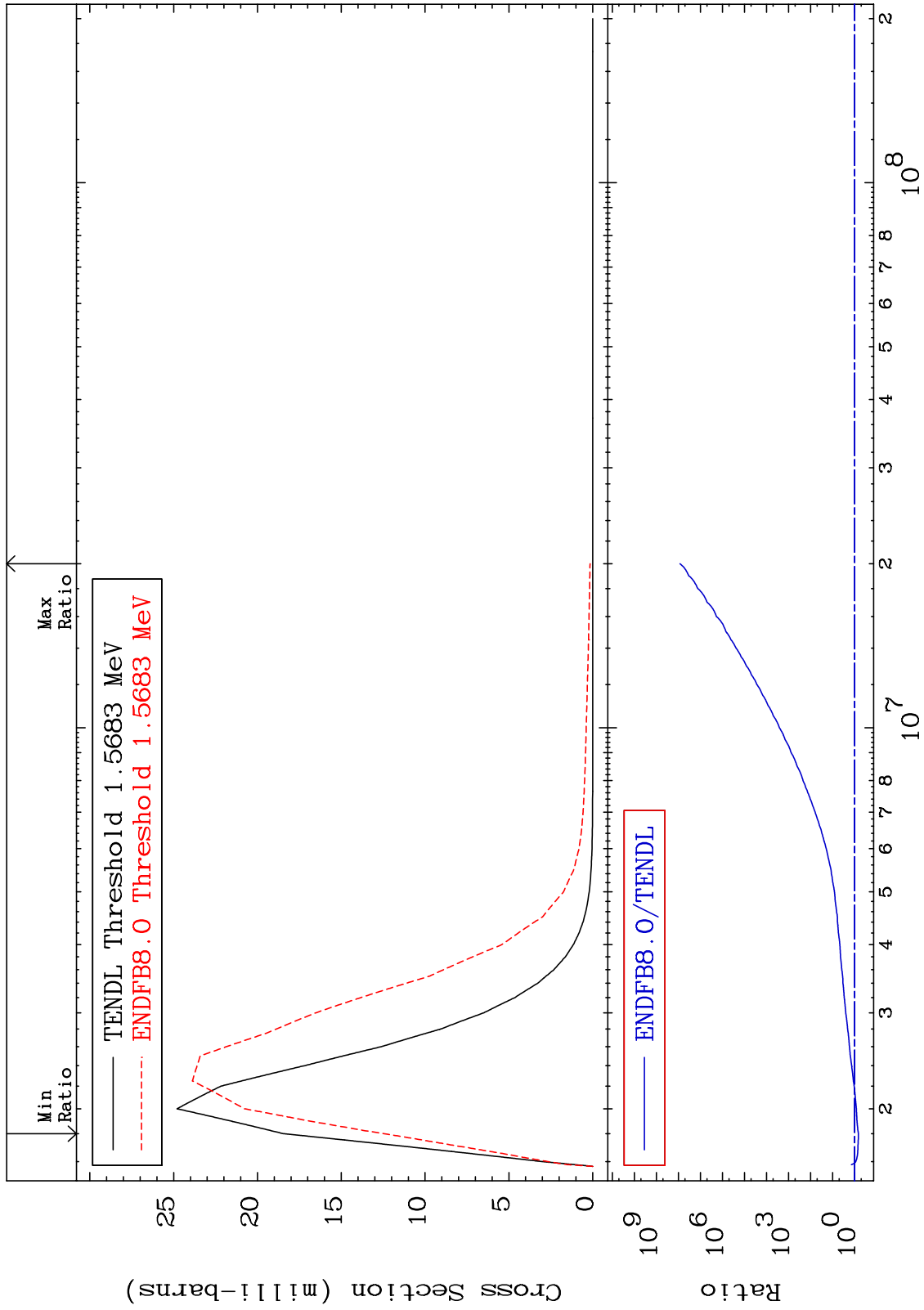
76-0s-186
-82.11 To 146.5 %



MAT 7631

MT= 67 (n,n') Level
Cross Section

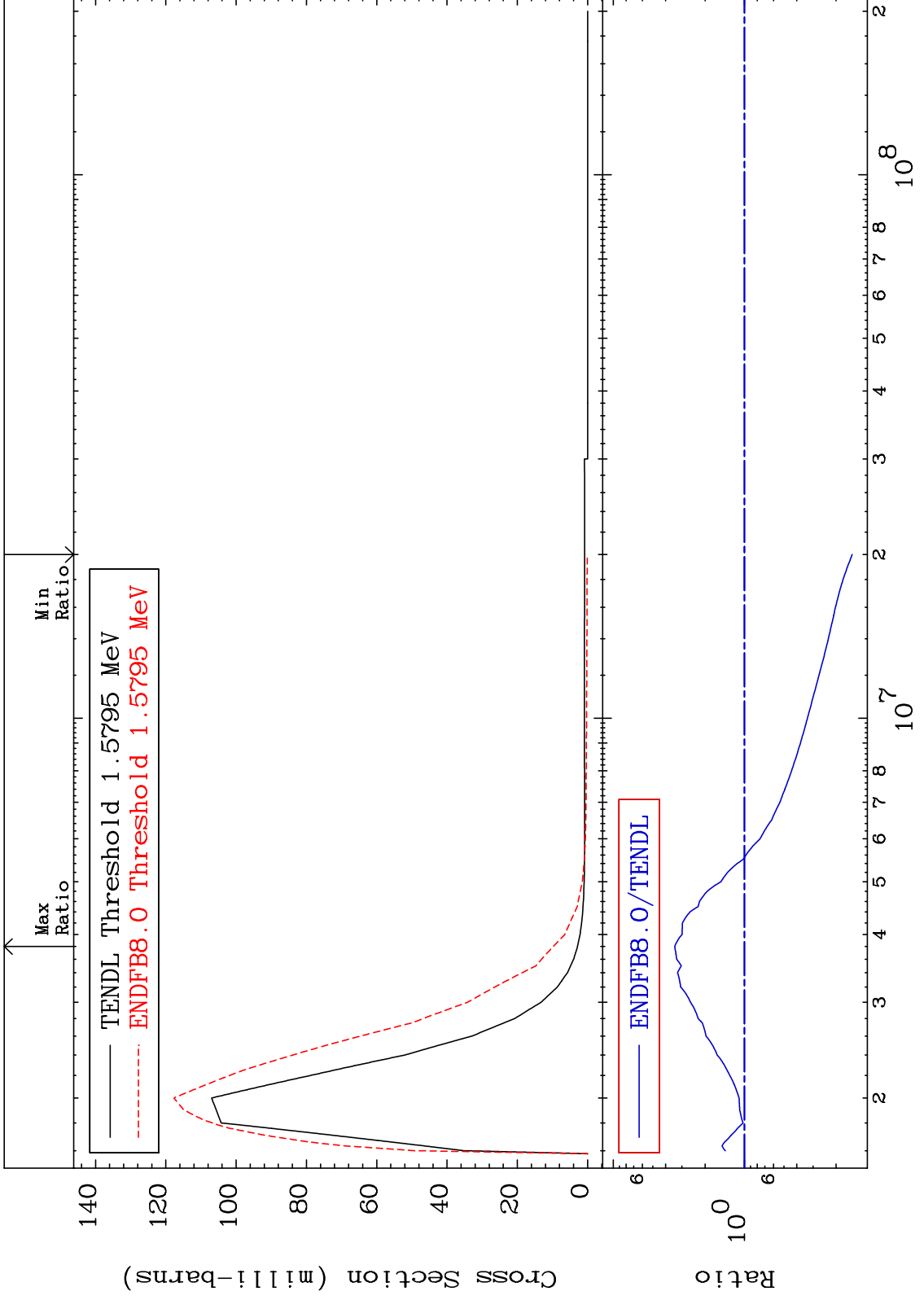
76-0s-186
-32.51 To 9999. %



MAT 7631

MT= 68 (n,n') Level
Cross Section

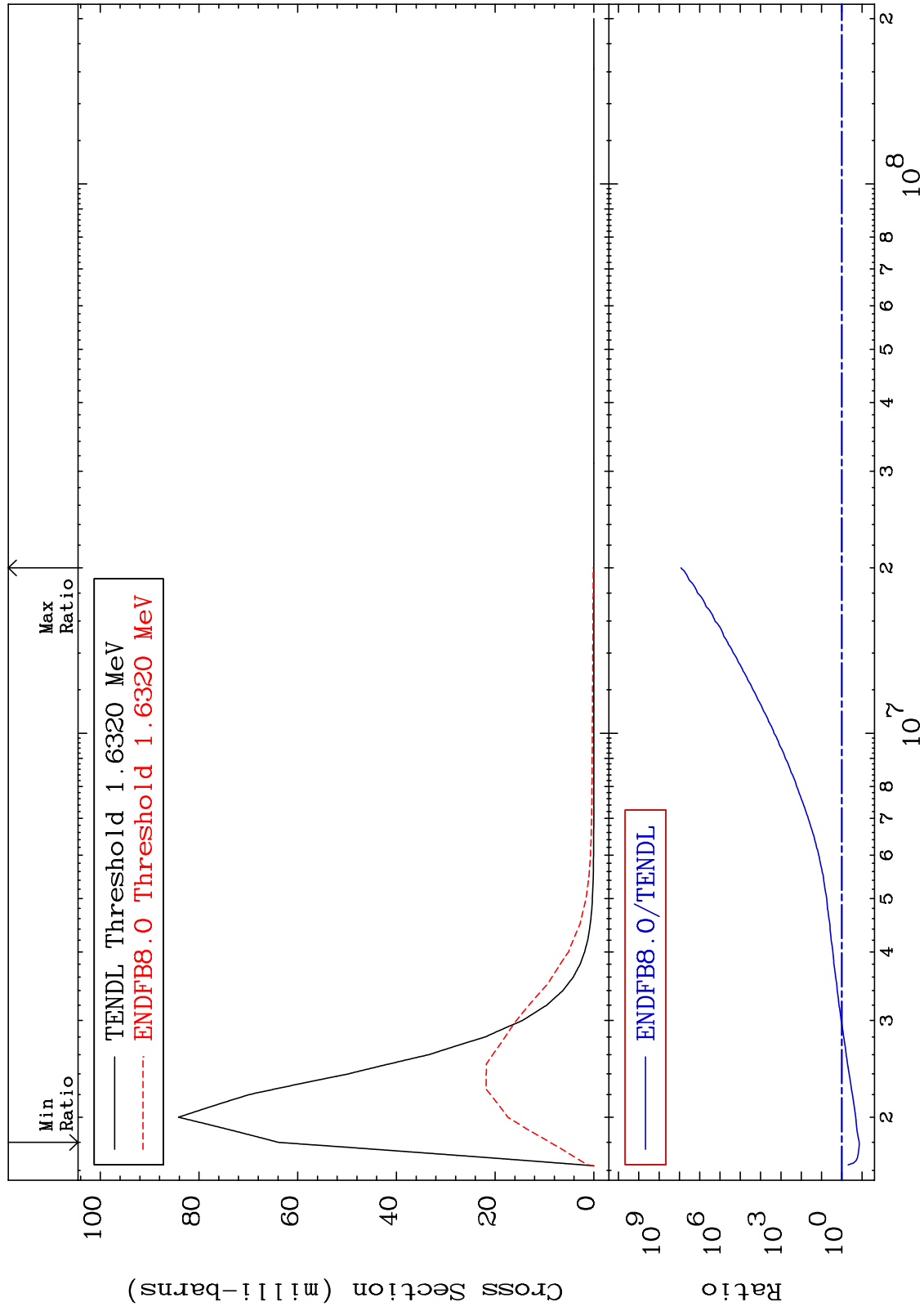
76-0s-186
-84.91 To 241.4 %



MAT 7631

MT= 69 (n,n') Level
Cross Section

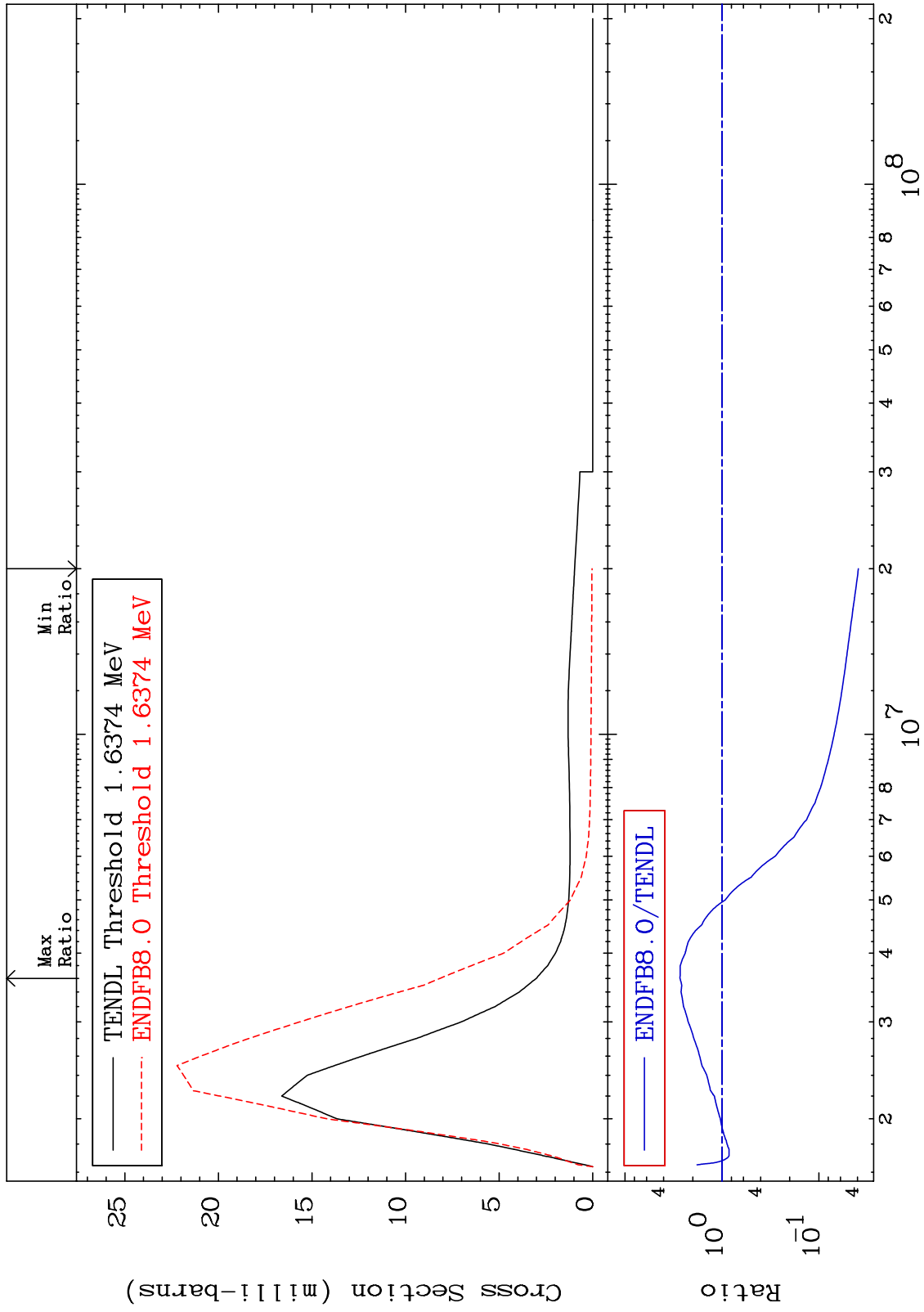
76-0s-186
-86.19 To 9999. %



MAT 7631

MT= 70 (n,n') Level
Cross Section

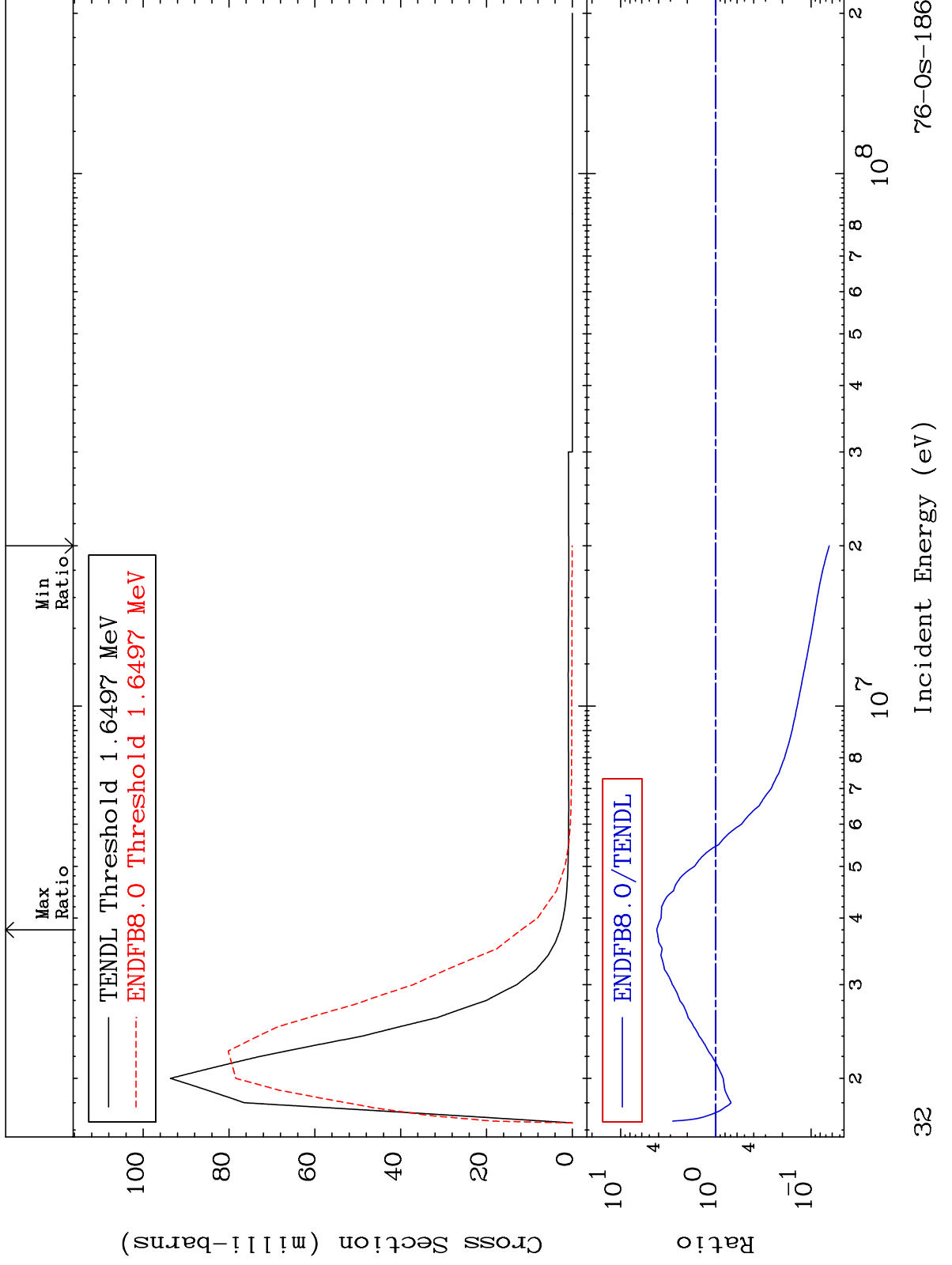
76-0s-186
-96.08 To 170.7 %



MAT 7631

MT= 71 (n,n') Level
Cross Section

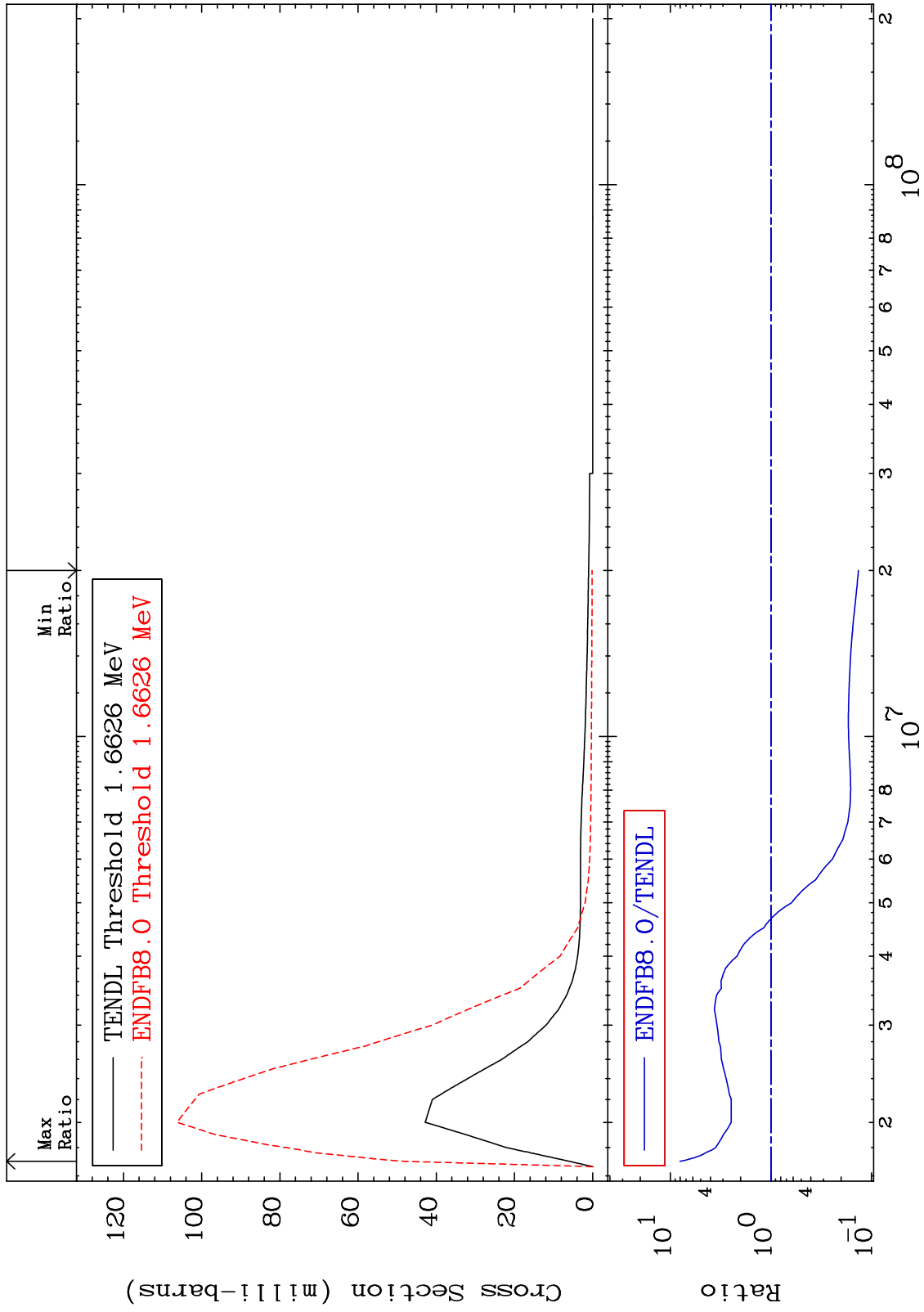
76-0s-186
-93.57 To 317.7 %



MAT 7631

MT= 72 (n,n') Level
Cross Section

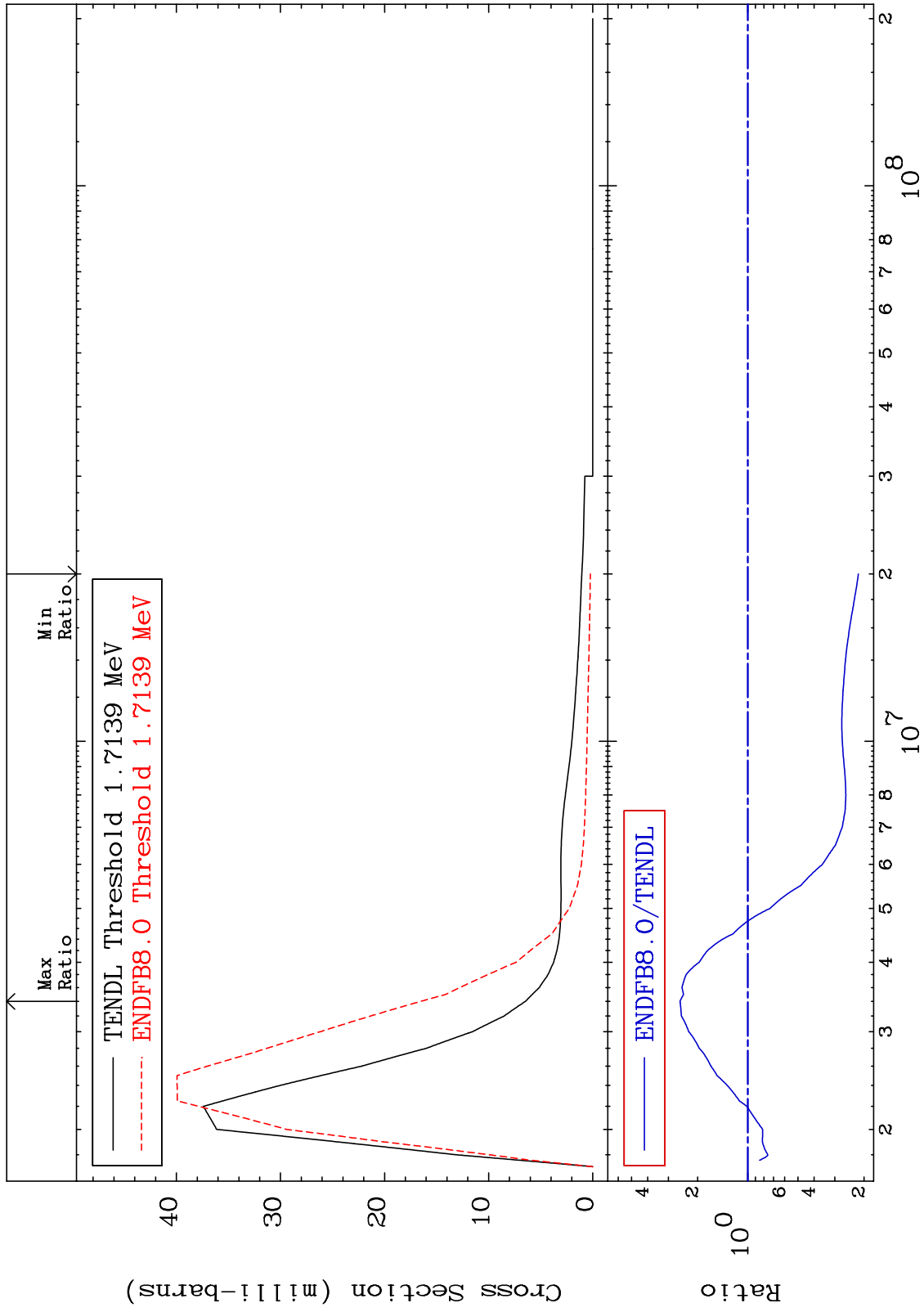
76-0s-186
-86.54 To 703.2 %



MAT 7631

MT= 73 (n,n') Level
Cross Section

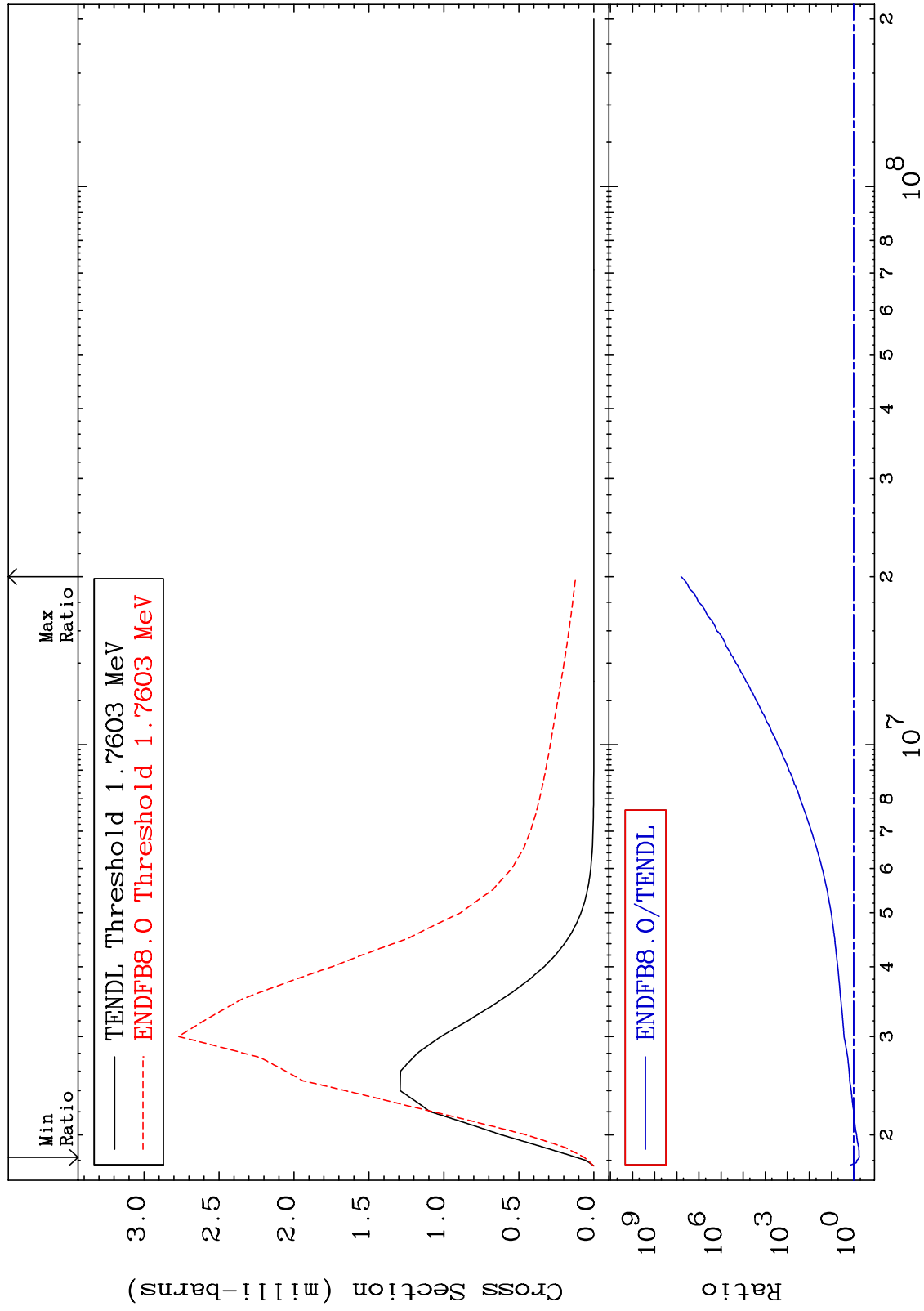
76-0s-186
-78.36 To 155.5 %



MAT 7631

MT= 74 (n,n') Level
Cross Section

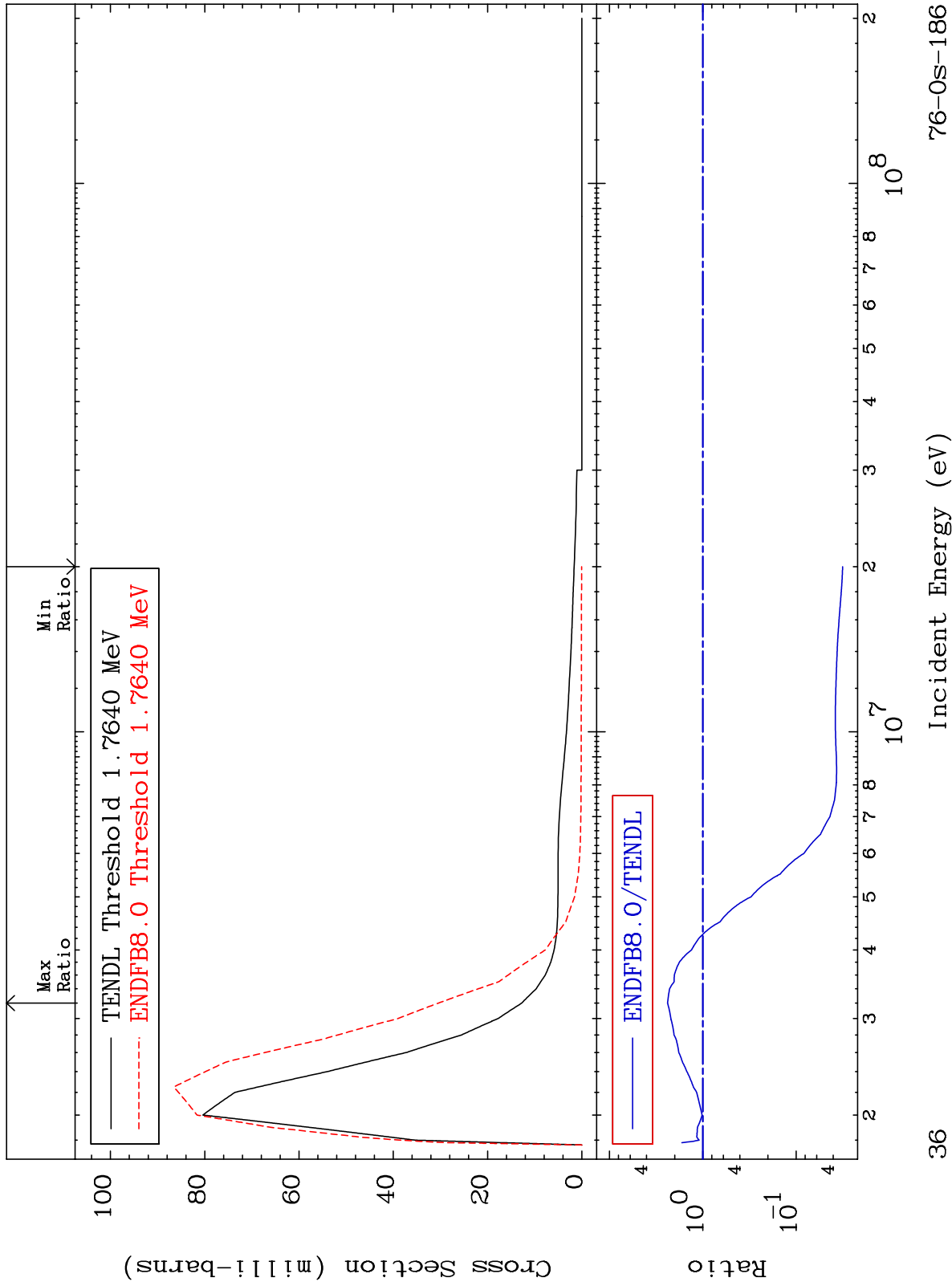
76-0s-186
-44.43 To 9999. %



MAT 7631

MT= 75 (n,n') Level
Cross Section

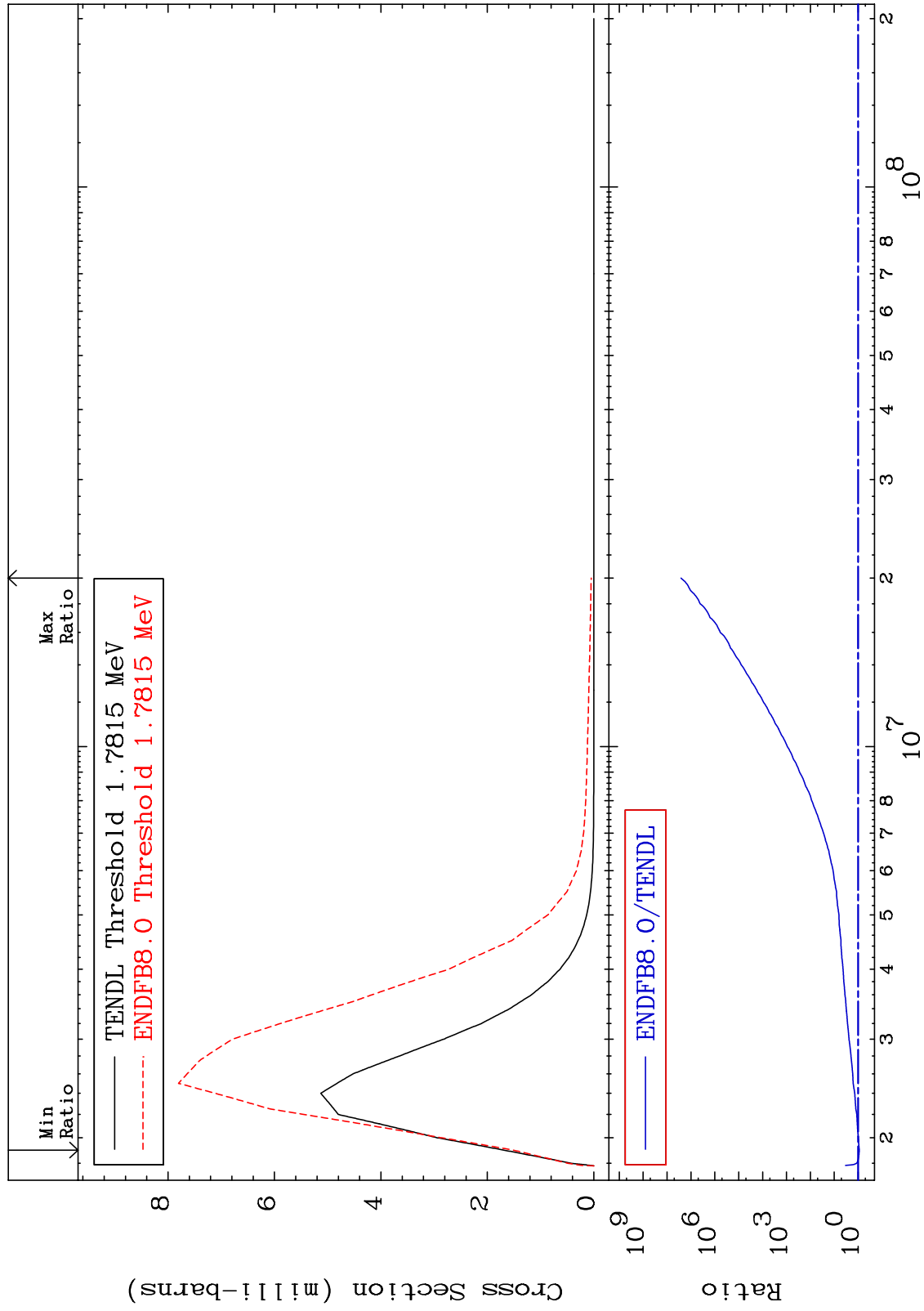
76-0s-186
-96.83 To 138.4 %



MAT 7631

MT= 76 (n,n') Level
Cross Section

76-0s-186
-10.54 To 9999. %



37

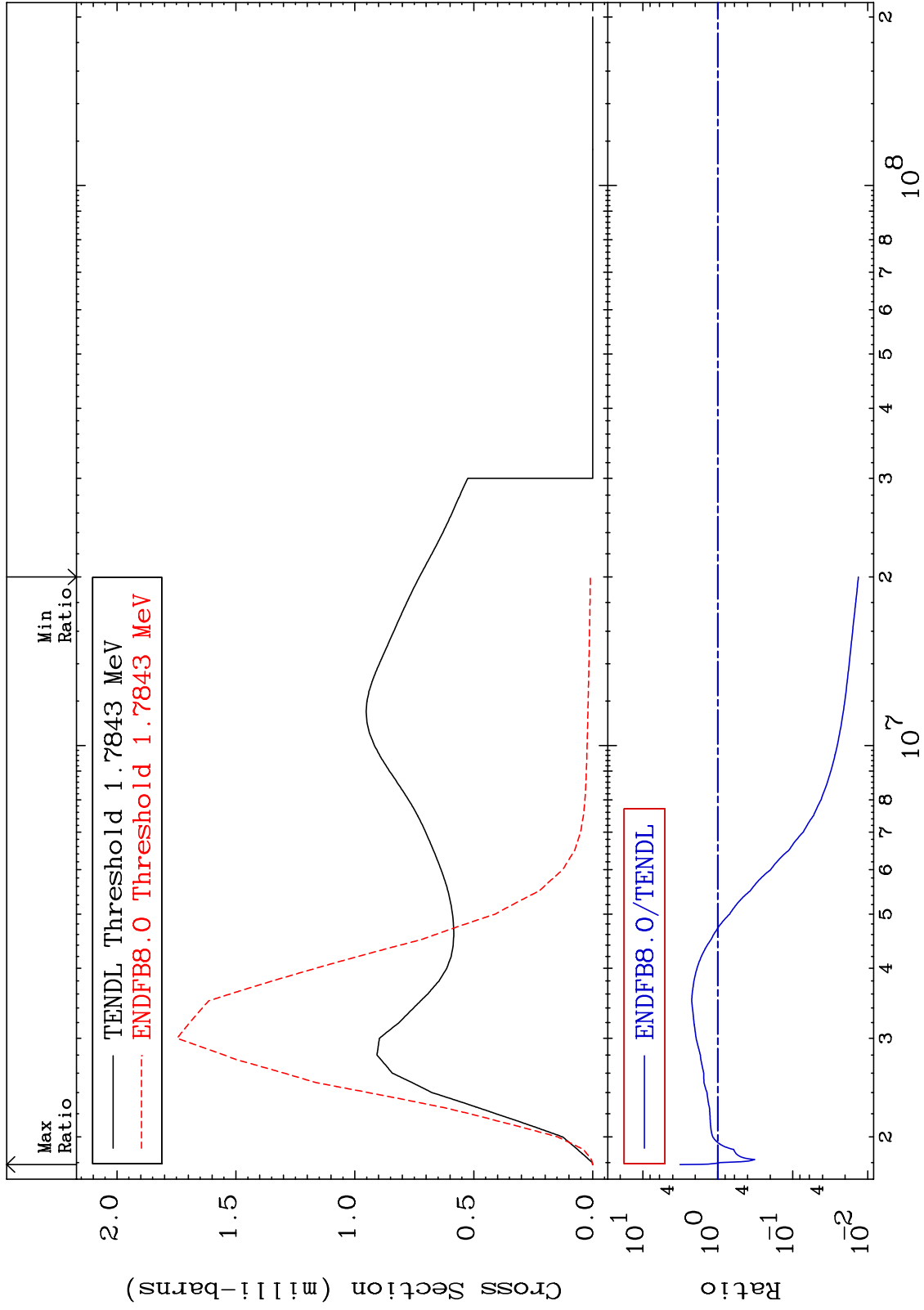
Incident Energy (eV)

76-0s-186

MAT 7631

MT= 77 (n,n') Level
Cross Section

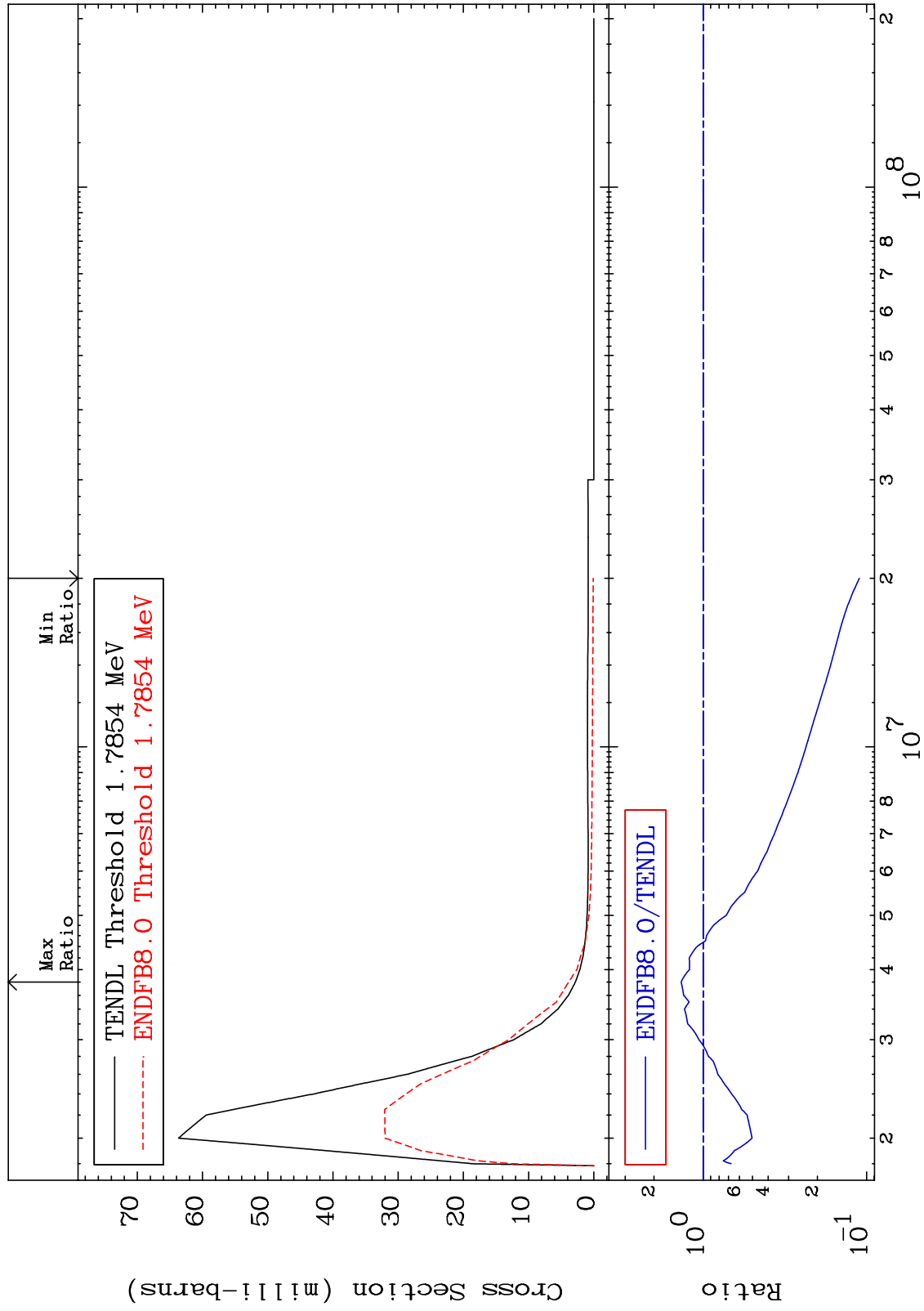
76-0s-186
-98.67 To 219.2 %



MAT 7631

MT= 78 (n,n') Level
Cross Section

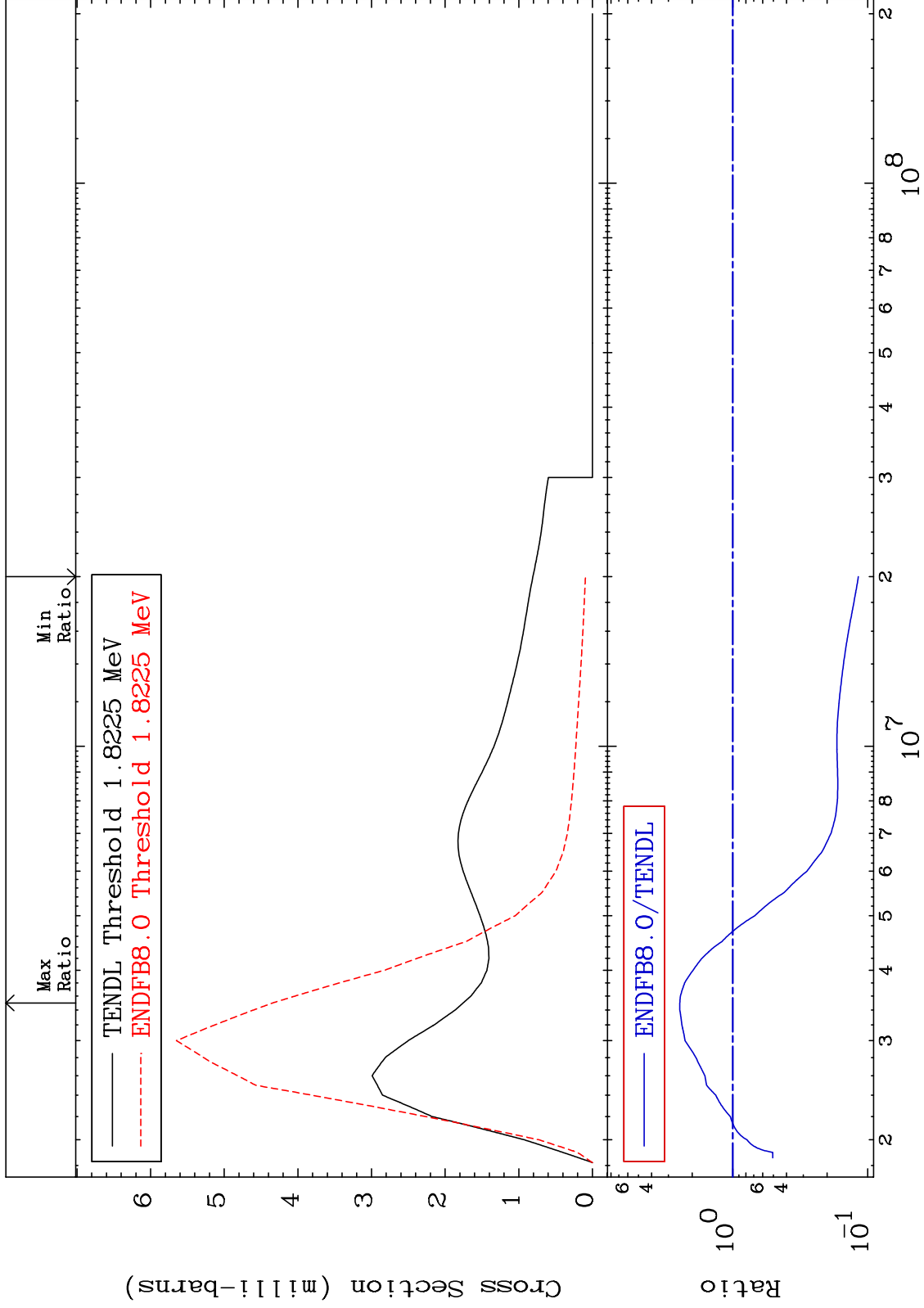
76-0s-186
-88.91 To 36.63 %



MAT 7631

MT= 79 (n,n') Level
Cross Section

76-0s-186
-88.29 To 147.2 %



40

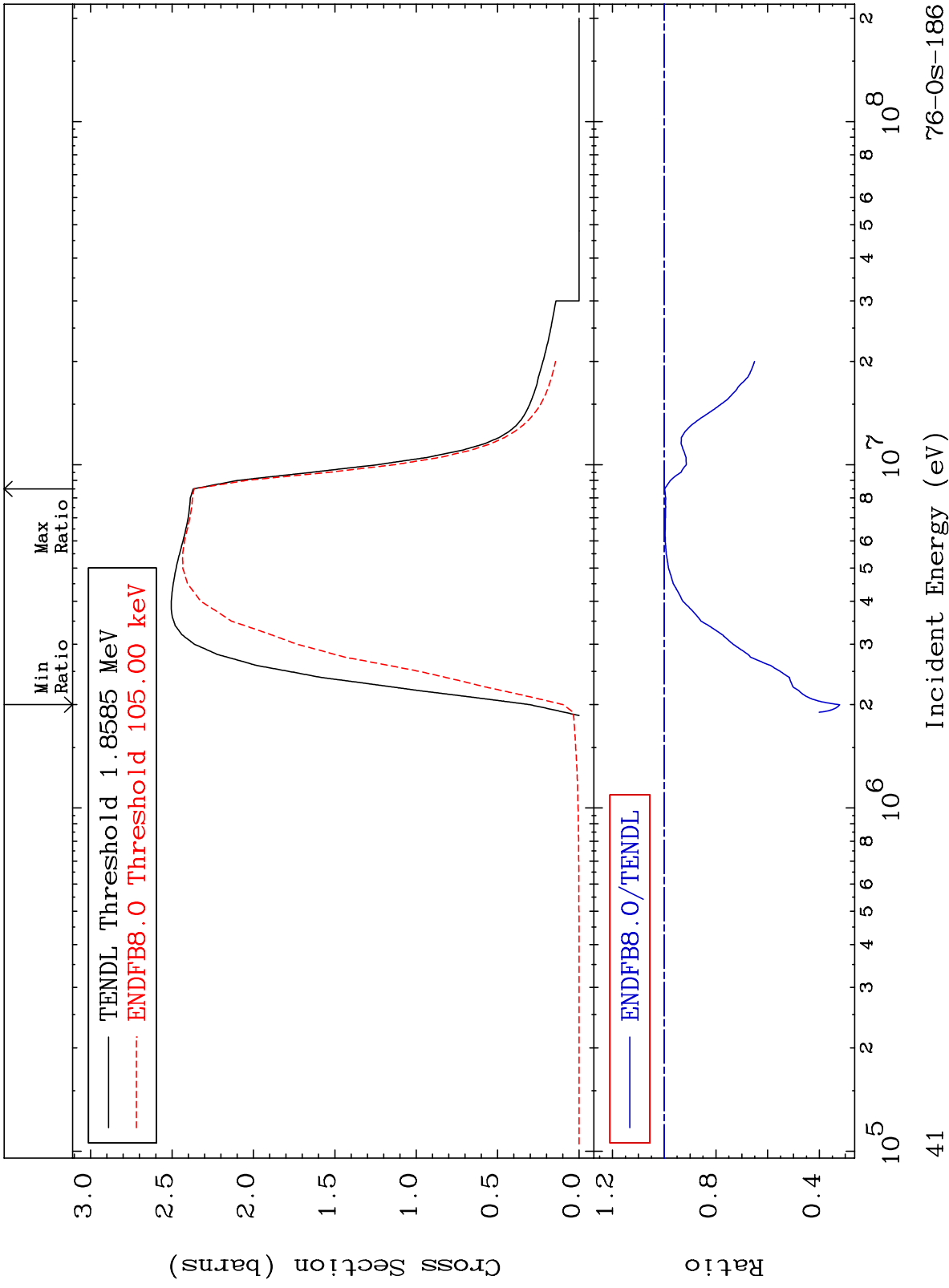
Incident Energy (eV)

76-0s-186

MAT 7631

(n, n') Continuum
Cross Section

76-0s-186
-67.87 To -0.194%



41

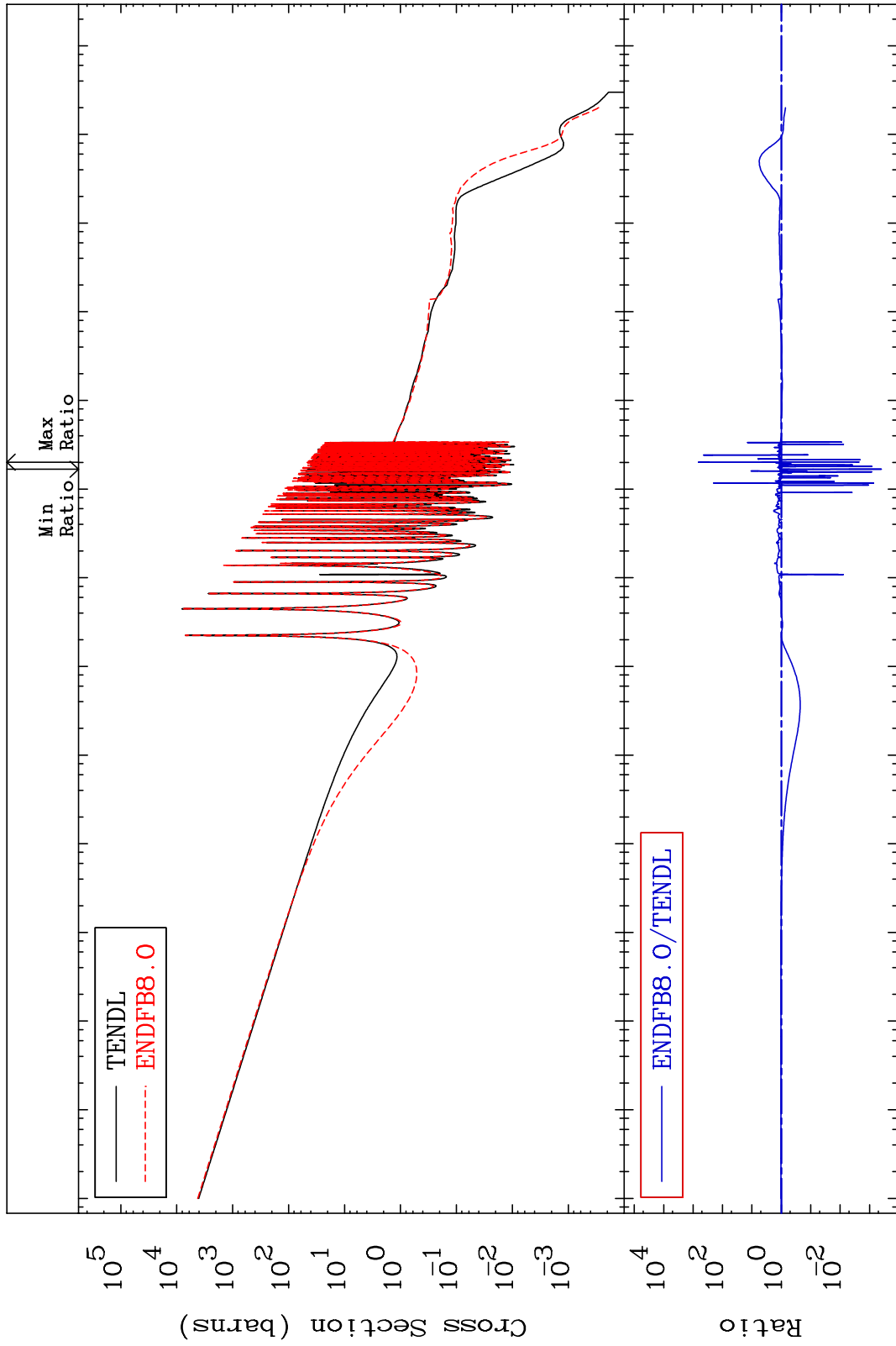
Incident Energy (eV)

76-0s-186

MAT 7631

(n, γ)
Cross Section

76-0s-186
-99.96 To 9999. %



76-0s-186

Incident Energy (eV)

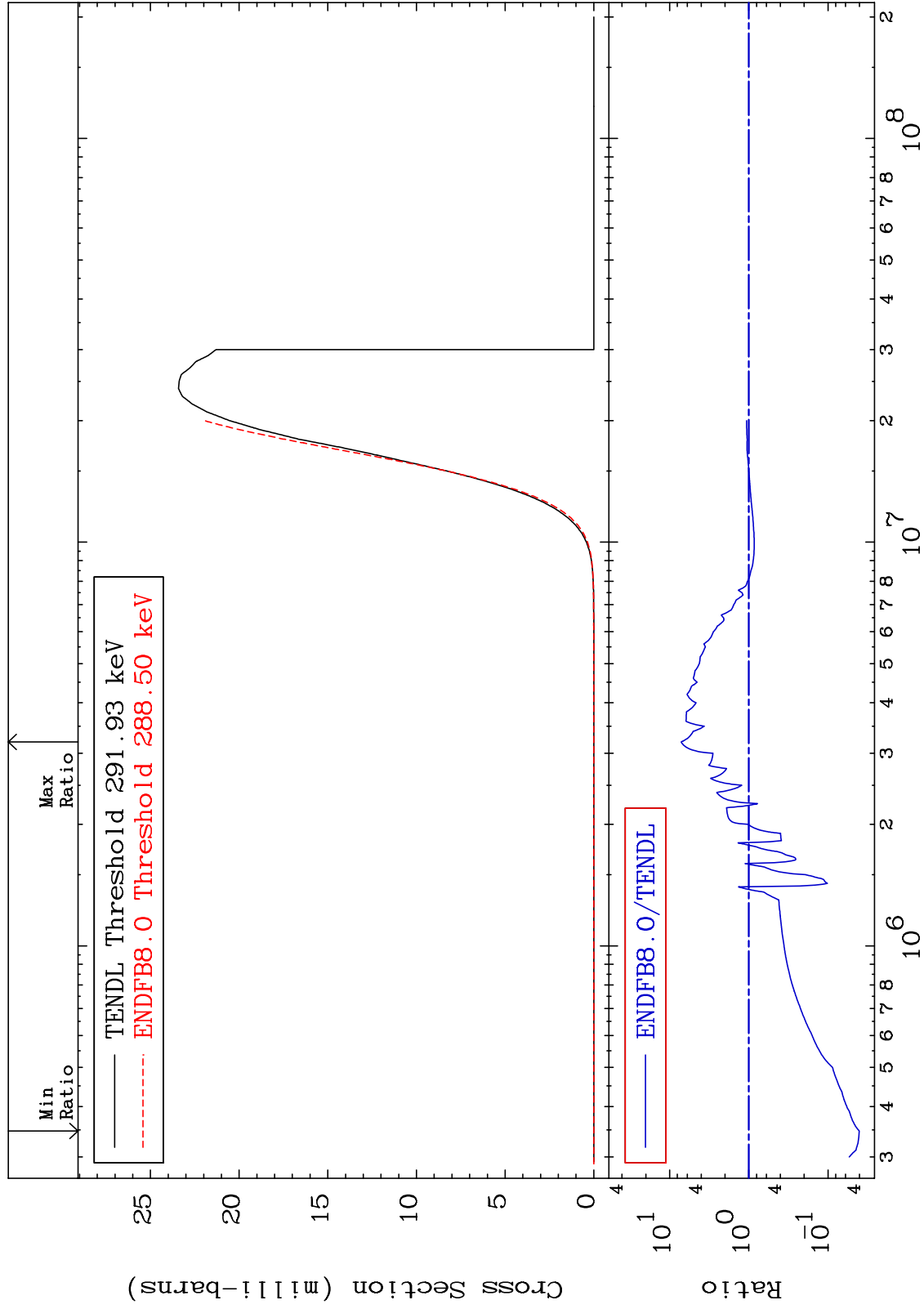
MAT 7631

(n,p)

76-0s-186

Cross Section

-95.97 To 617.9 %



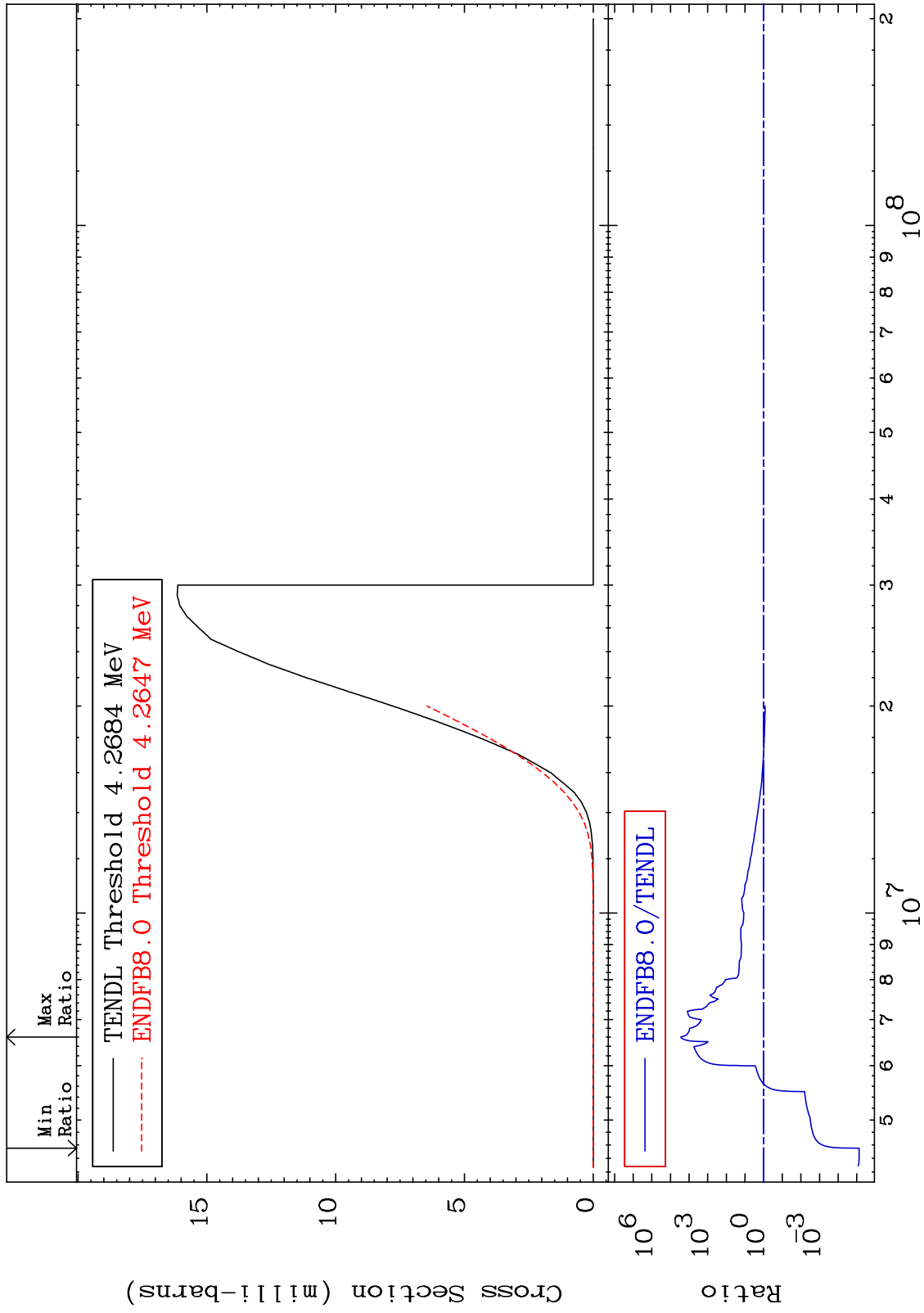
MAT 7631

(n,d)

76-0s-186

Cross Section

-100.0 To 9999. %



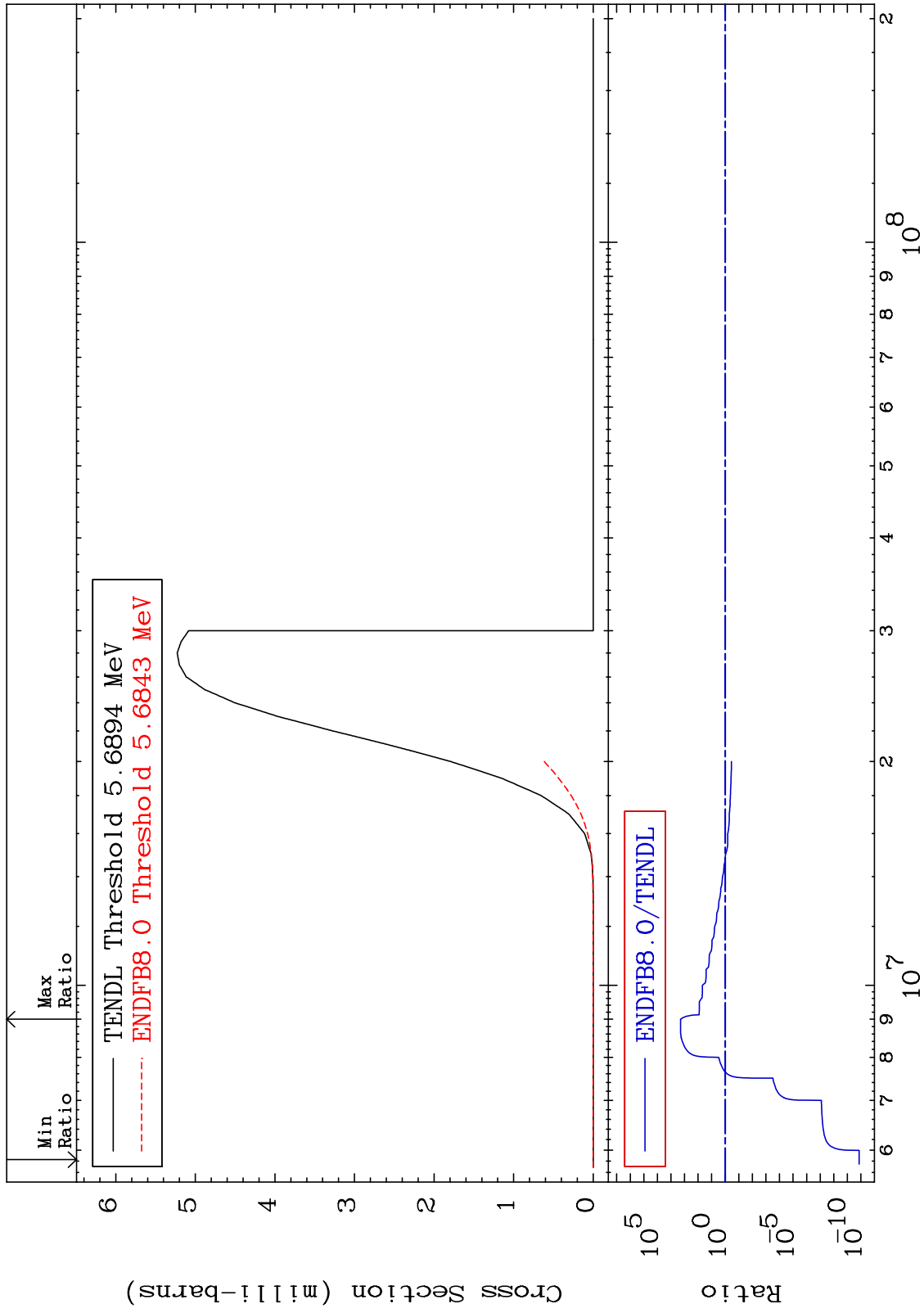
MAT 7631

(n, t)

76-0s-186

Cross Section

-100.0 To 9999. %



45

Incident Energy (eV)

76-0s-186

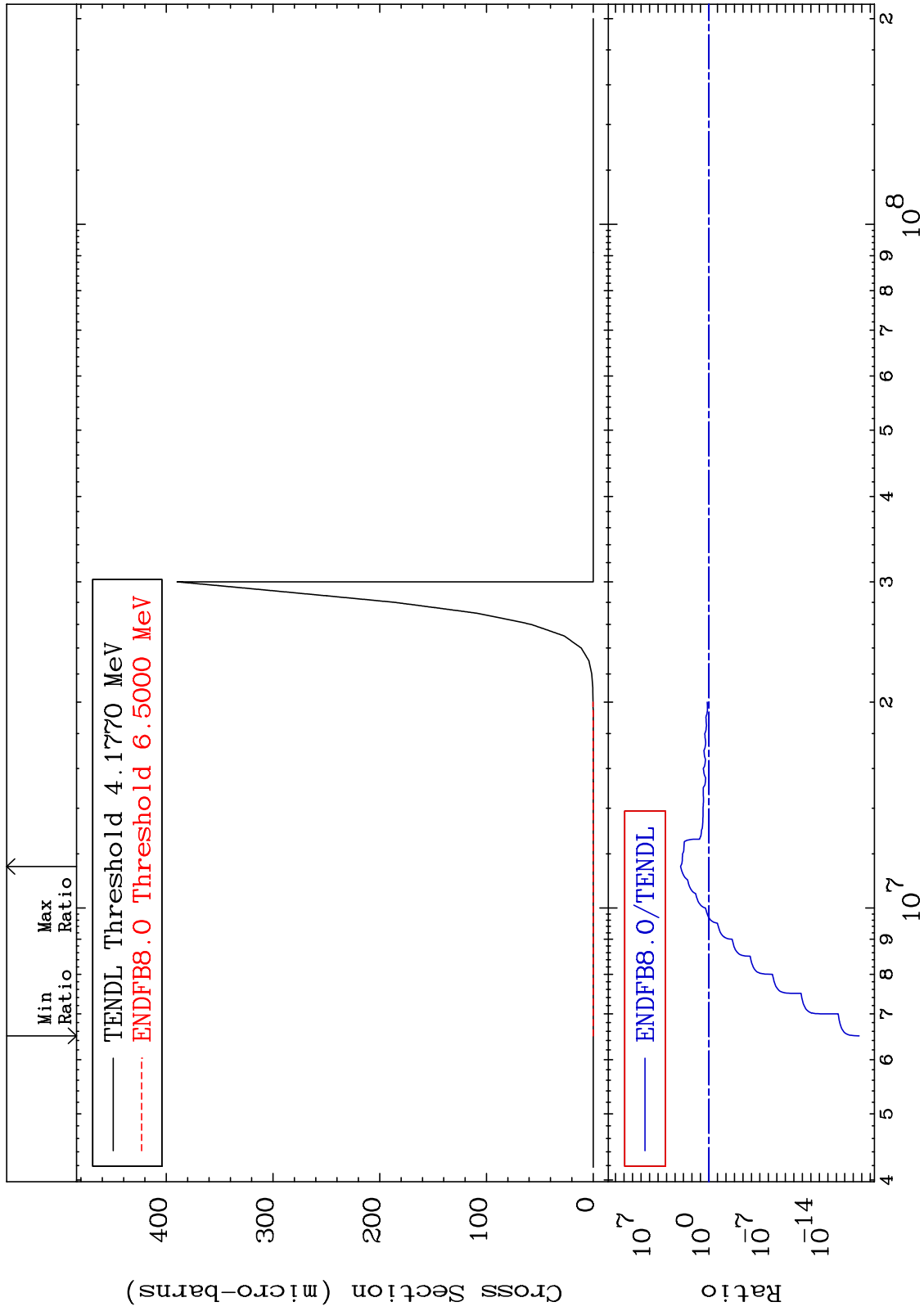
MAT 7631

(n, He-3)

76-0s-186

Cross Section

-100.0 To 9999. %



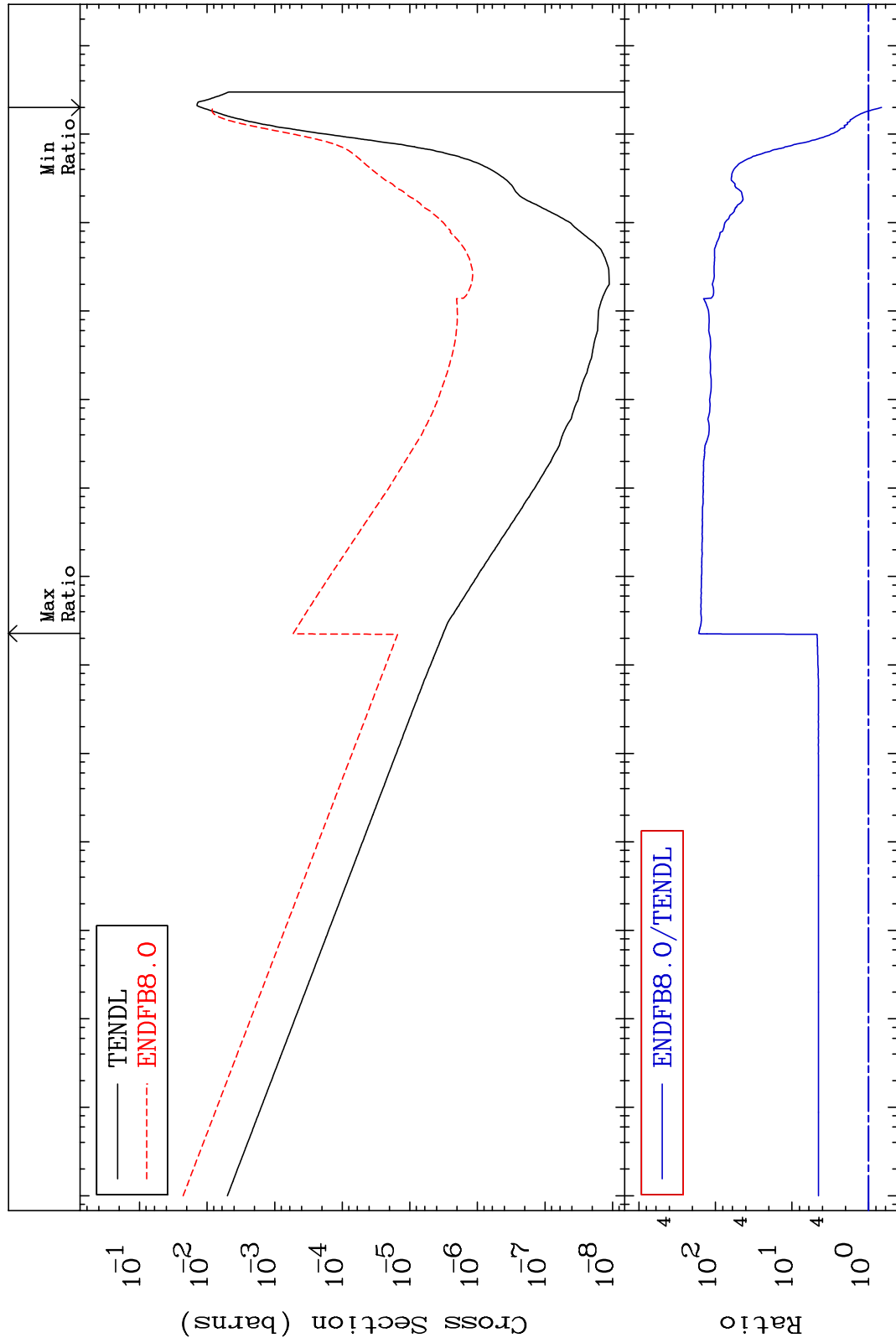
MAT 7631

(n, α)

76-0s-186

Cross Section

-32.50 To 9999. %



Max Ratio

Min Ratio

— TENDL
- - - ENDFB8.0

— ENDFB8.0/TENDL

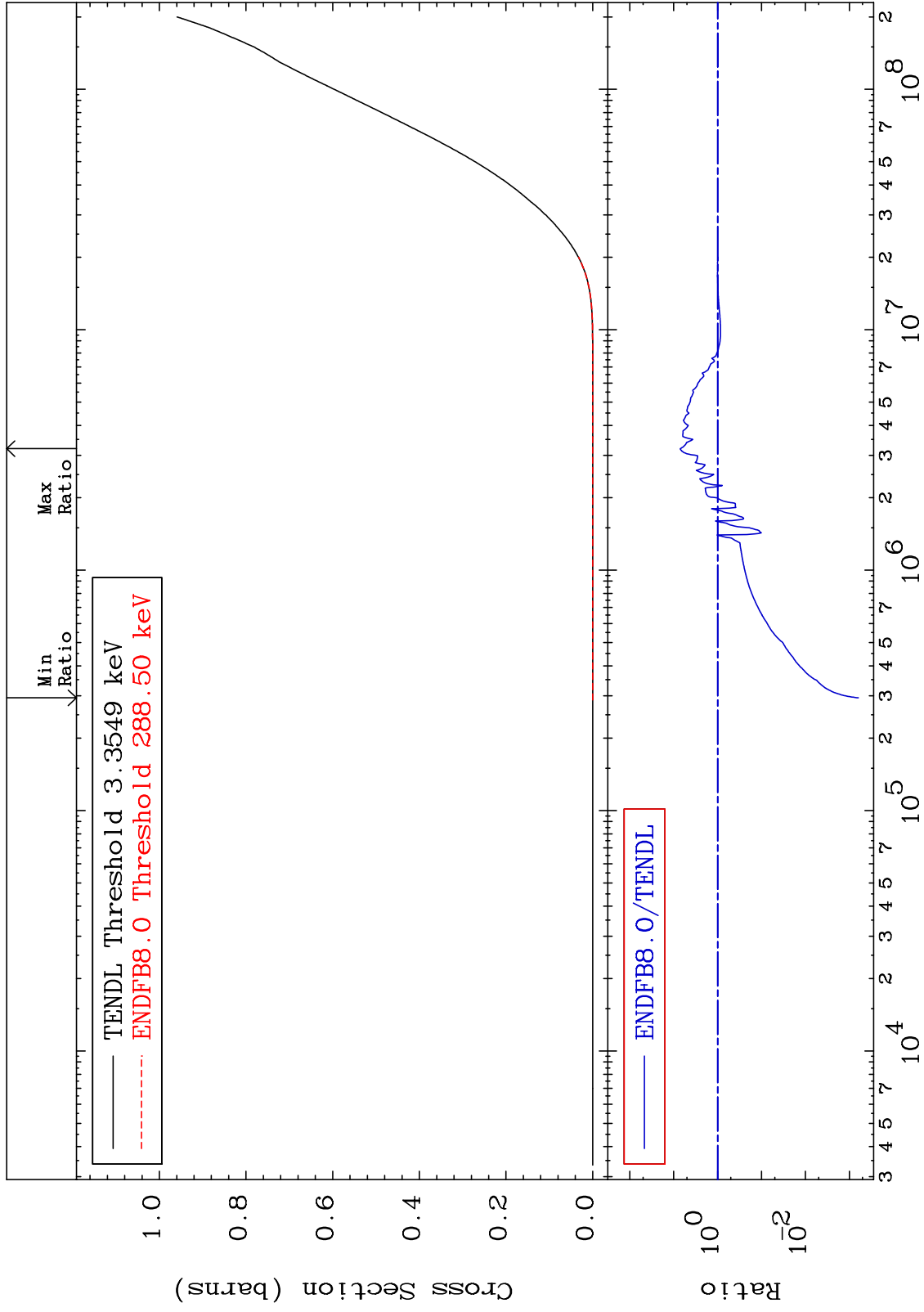
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

Incident Energy (eV) 76-0s-186

MAT 7631

Hydrogen Production
Cross Section

76-0s-186
-99.94 To 617.9 %



48

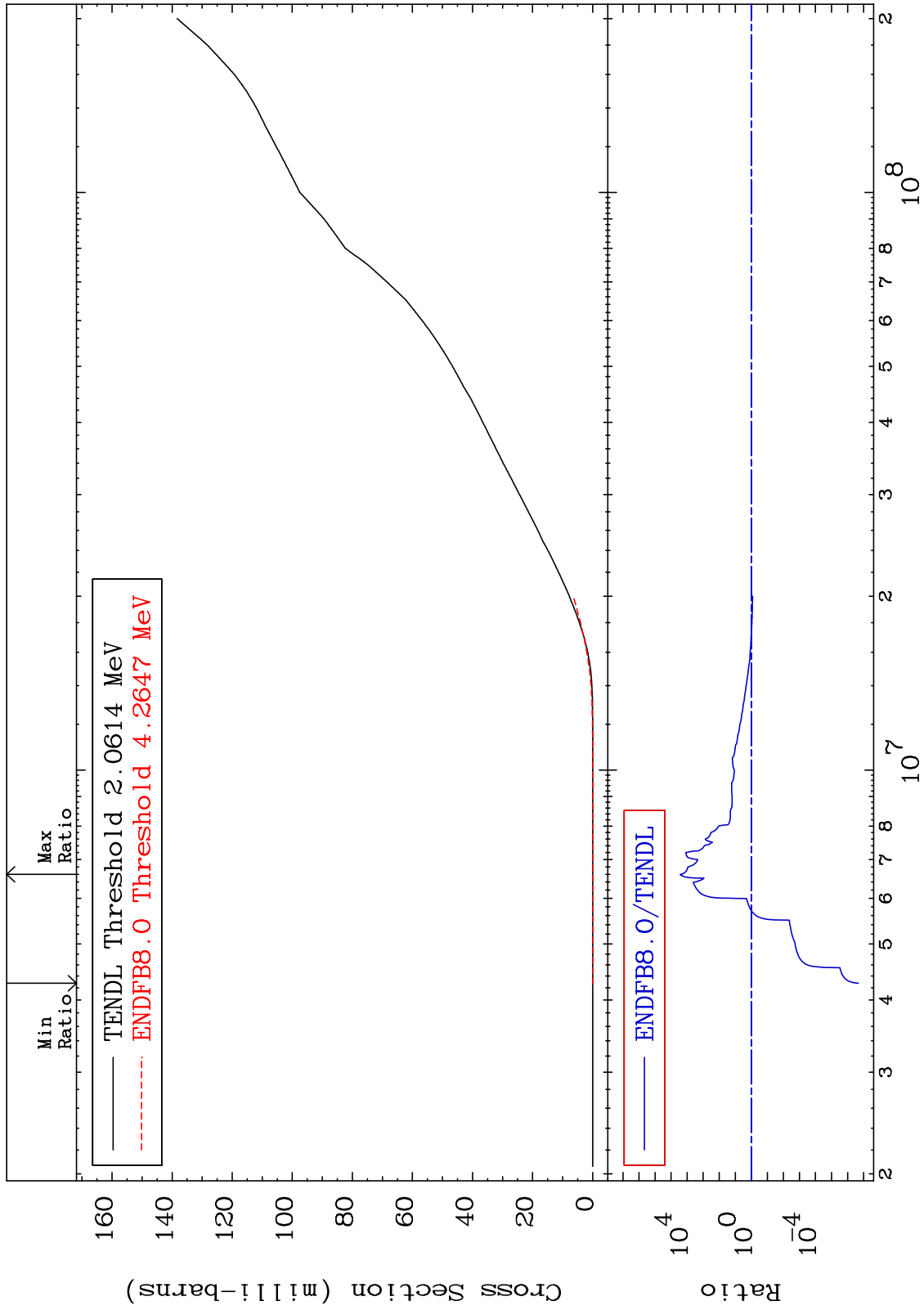
Incident Energy (eV)

76-0s-186

MAT 7631

Deuterium Production
Cross Section

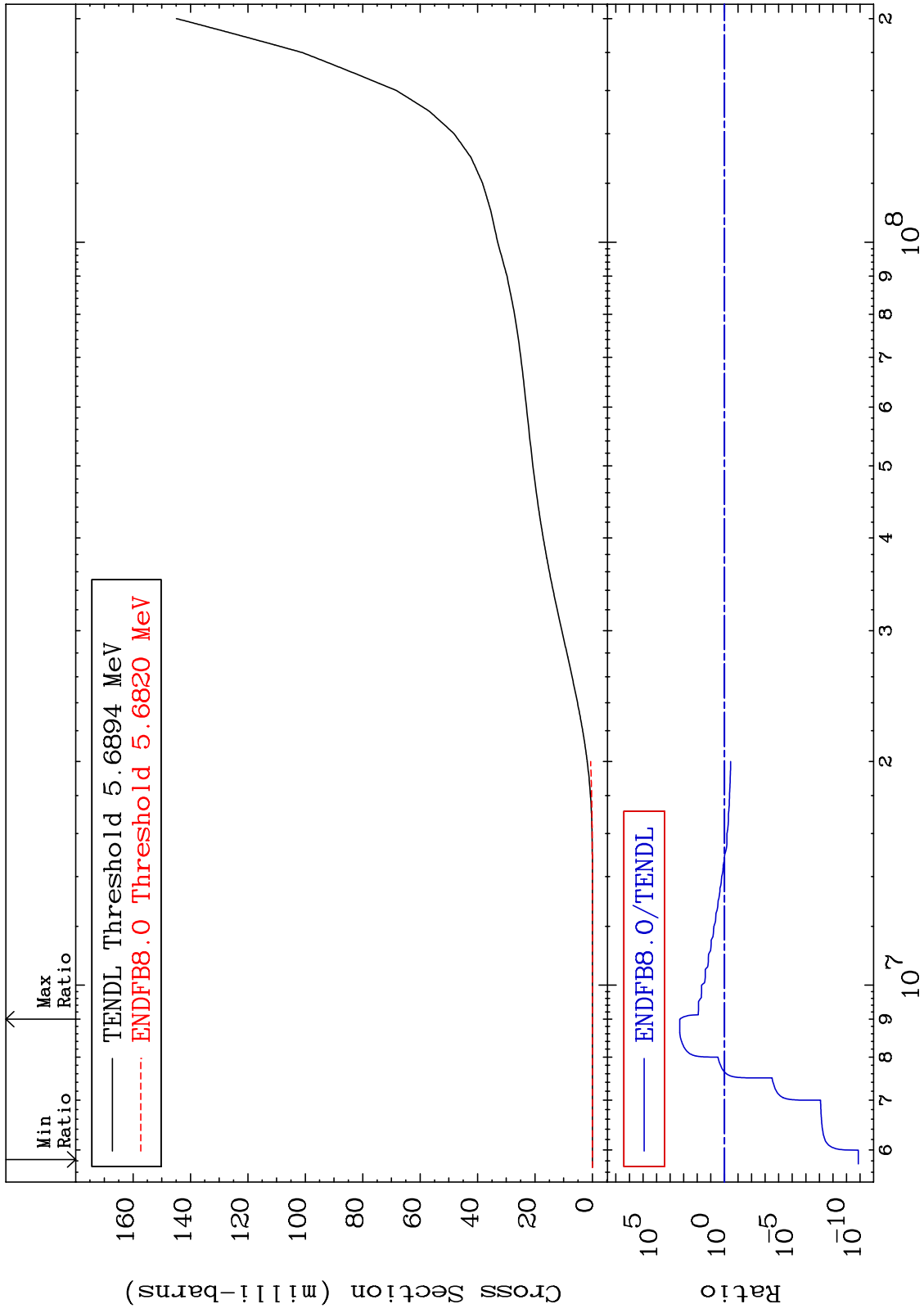
76-0s-186
-100.0 To 9999. %



MAT 7631

Tritium Production
Cross Section

76-0s-186
-100.0 To 9999. %



50

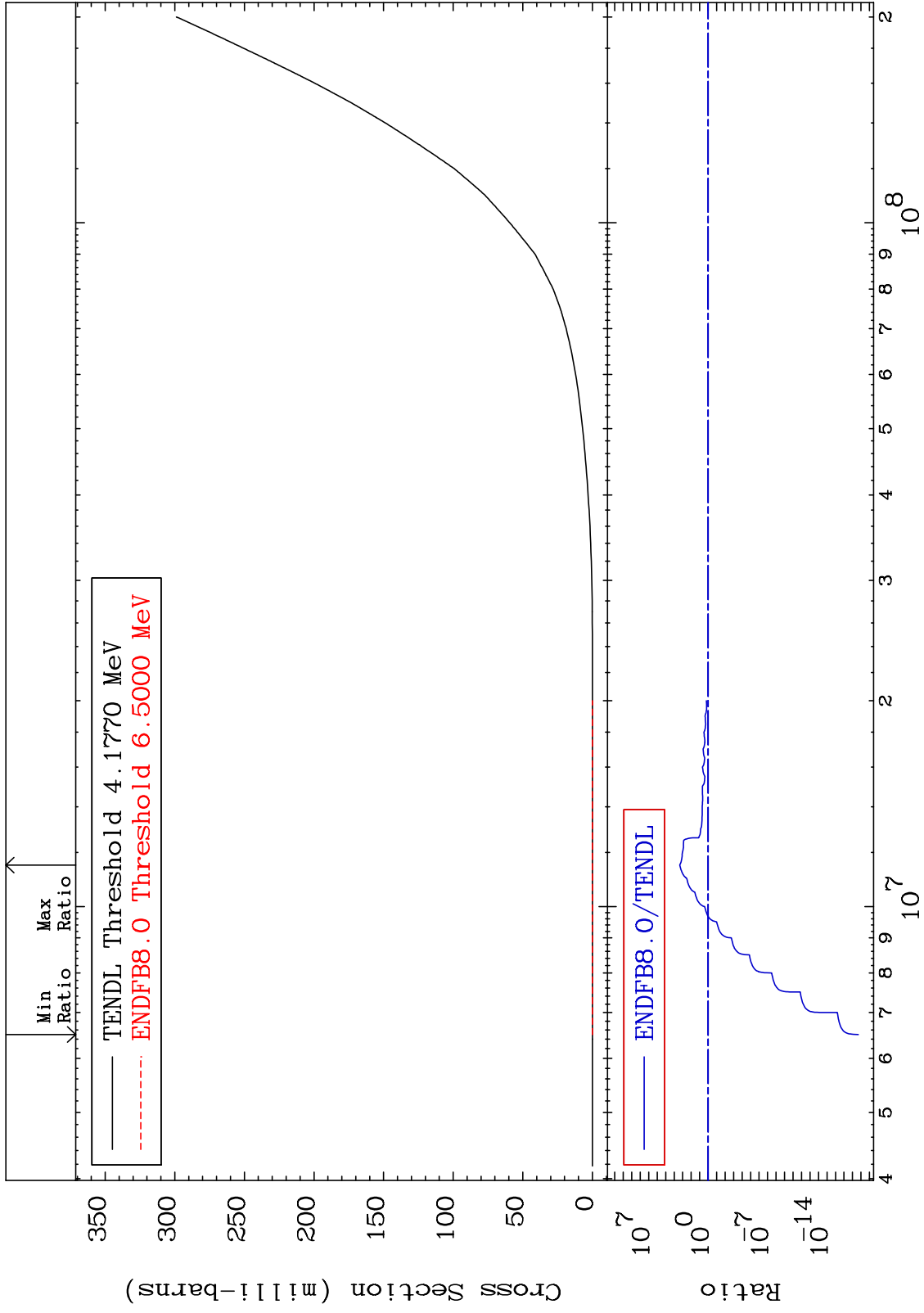
Incident Energy (eV)

76-0s-186

MAT 7631

He-3 Production
Cross Section

76-0s-186
-100.0 To 9999. %



51

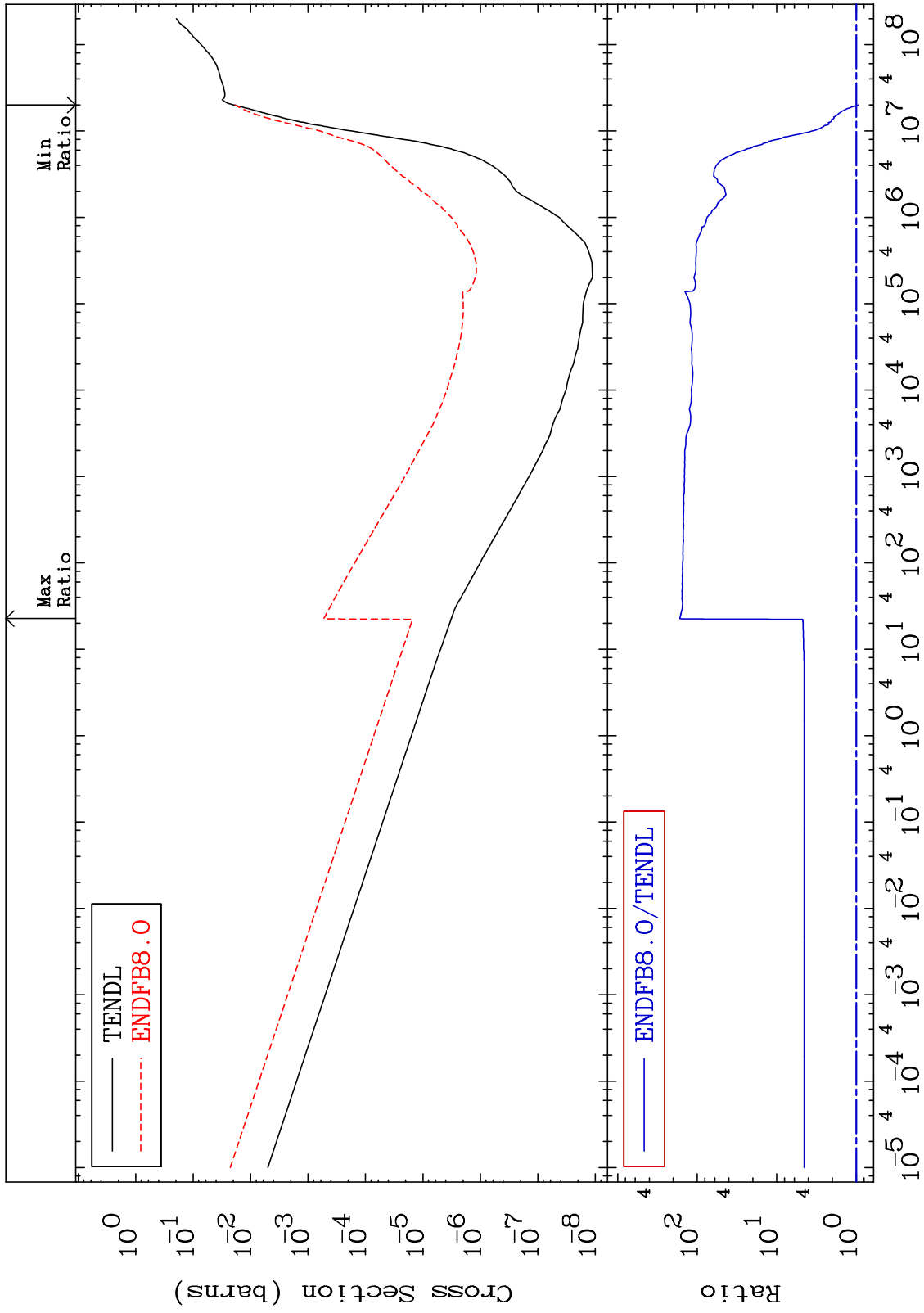
Incident Energy (eV)

76-0s-186

MAT 7631

He-4 Production
Cross Section

76-0s-186
-5.788 To 9999. %



52

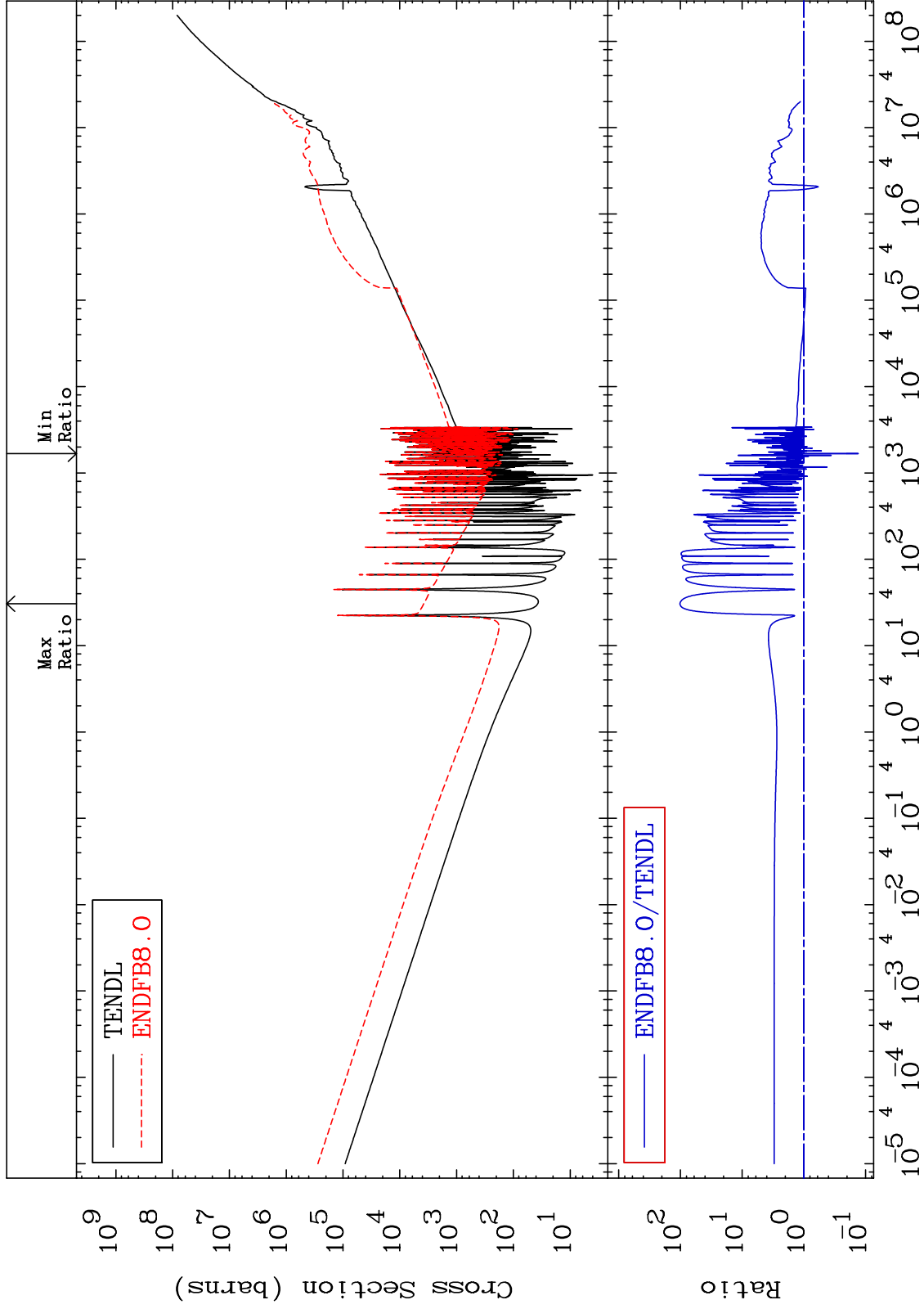
Incident Energy (eV)

76-0s-186

MAT 7631

Kerma total (eV-barns)
Cross Section

76-0s-186
-86.92 To 9999. %



53

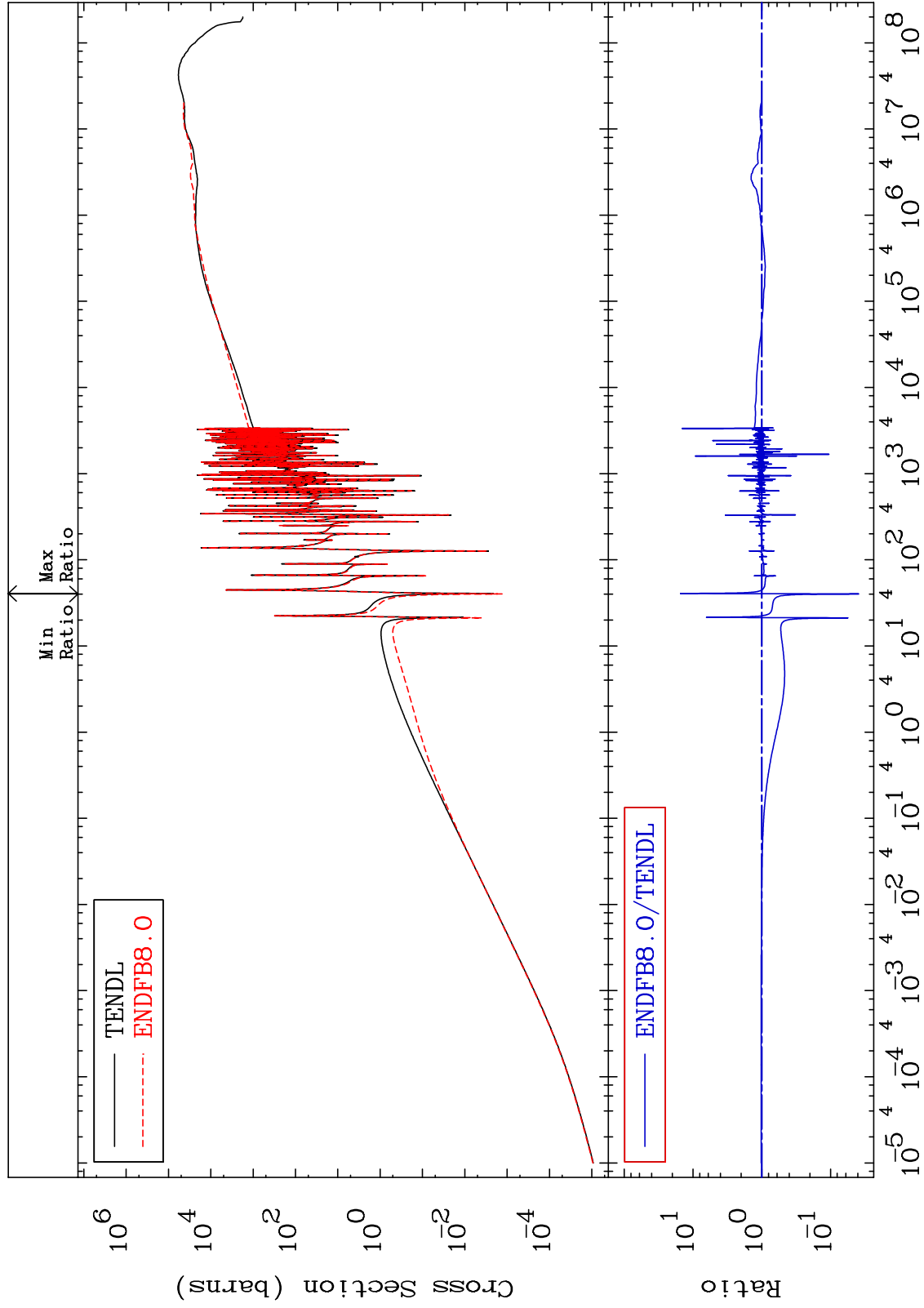
Incident Energy (eV)

76-0s-186

MAT 7631

Kerma elastic
Cross Section

76-0s-186
-96.08 To 1425. %



54

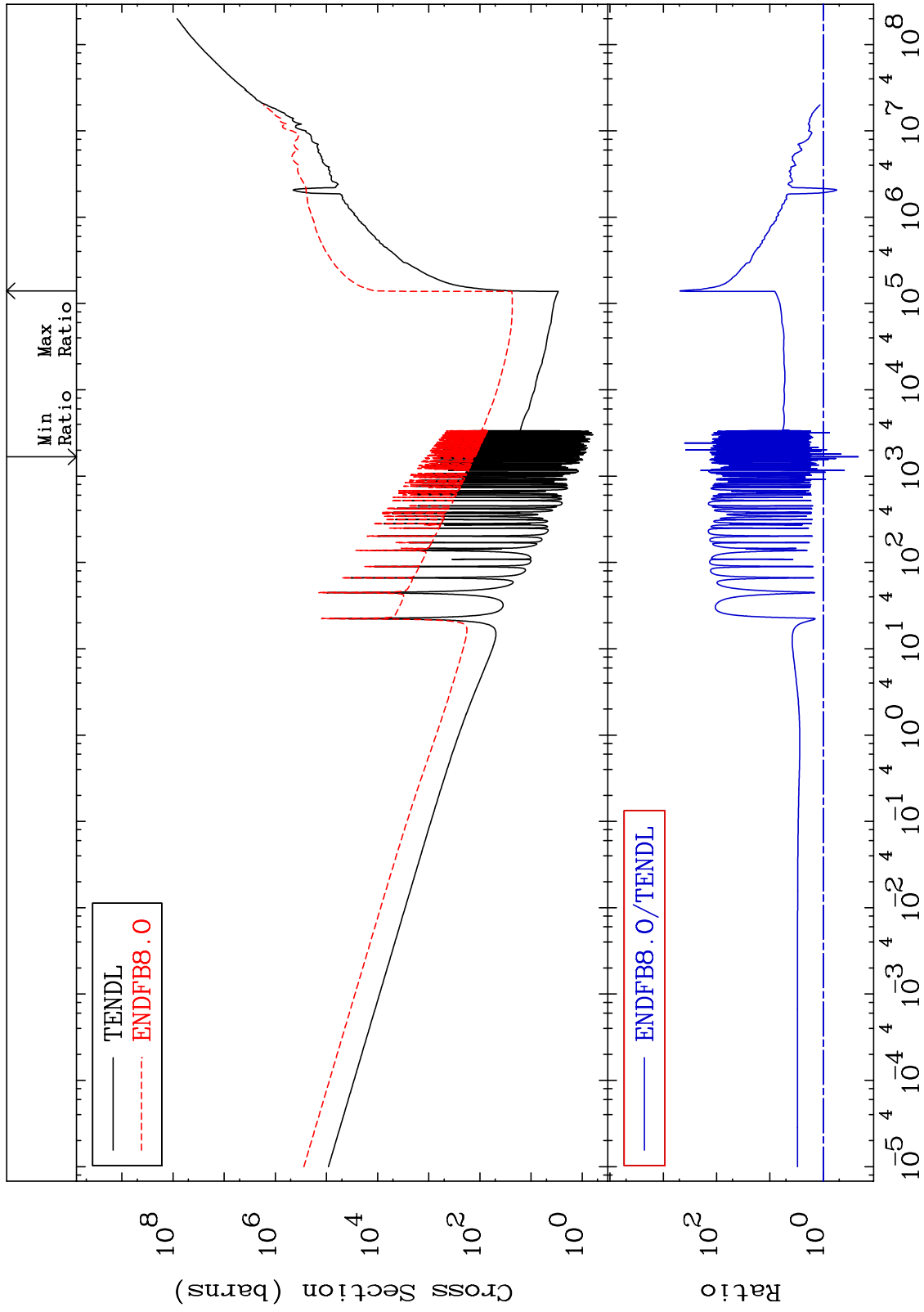
Incident Energy (eV)

76-0s-186

MAT 7631

Kerma non-elastic (all but mt2)
Cross Section

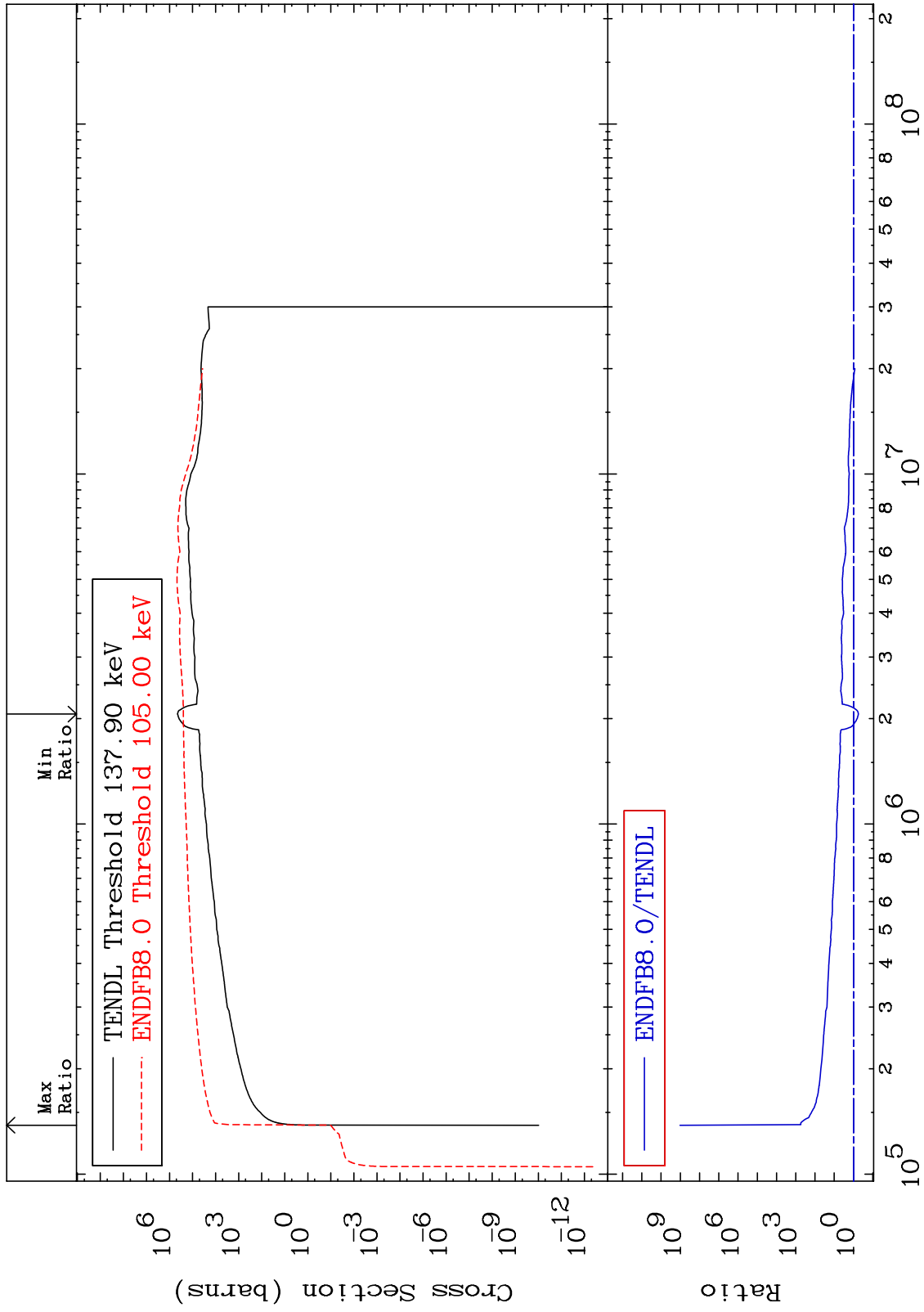
76-0s-186
-78.22 To 9999. %



MAT 7631

Kerma inelastic (mt51-91)
Cross Section

76-0s-186
-44.55 To 9999. %



56

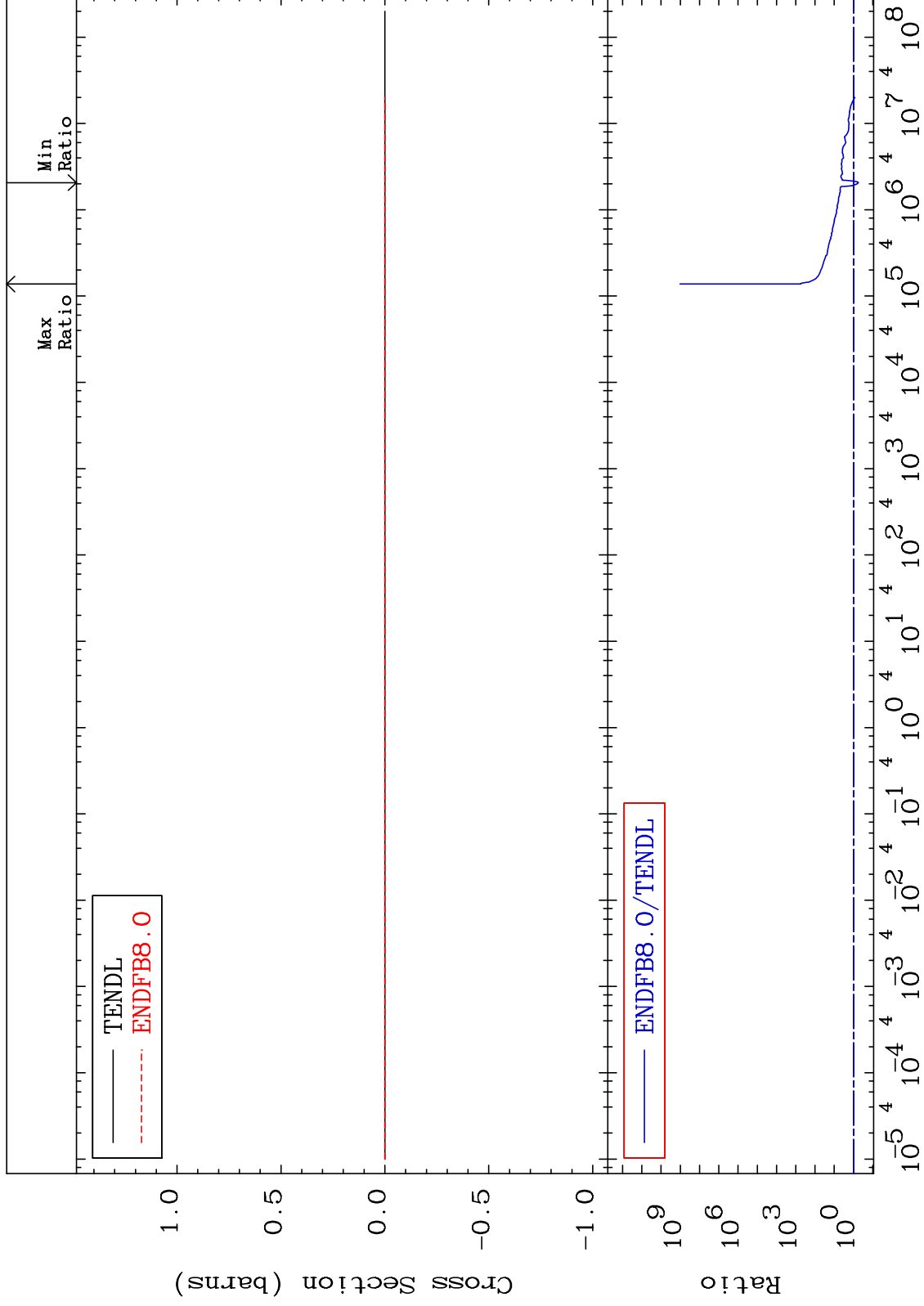
Incident Energy (eV)

76-0s-186

MAT 7631

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

76-0s-186
-44.55 To 9999. %



57

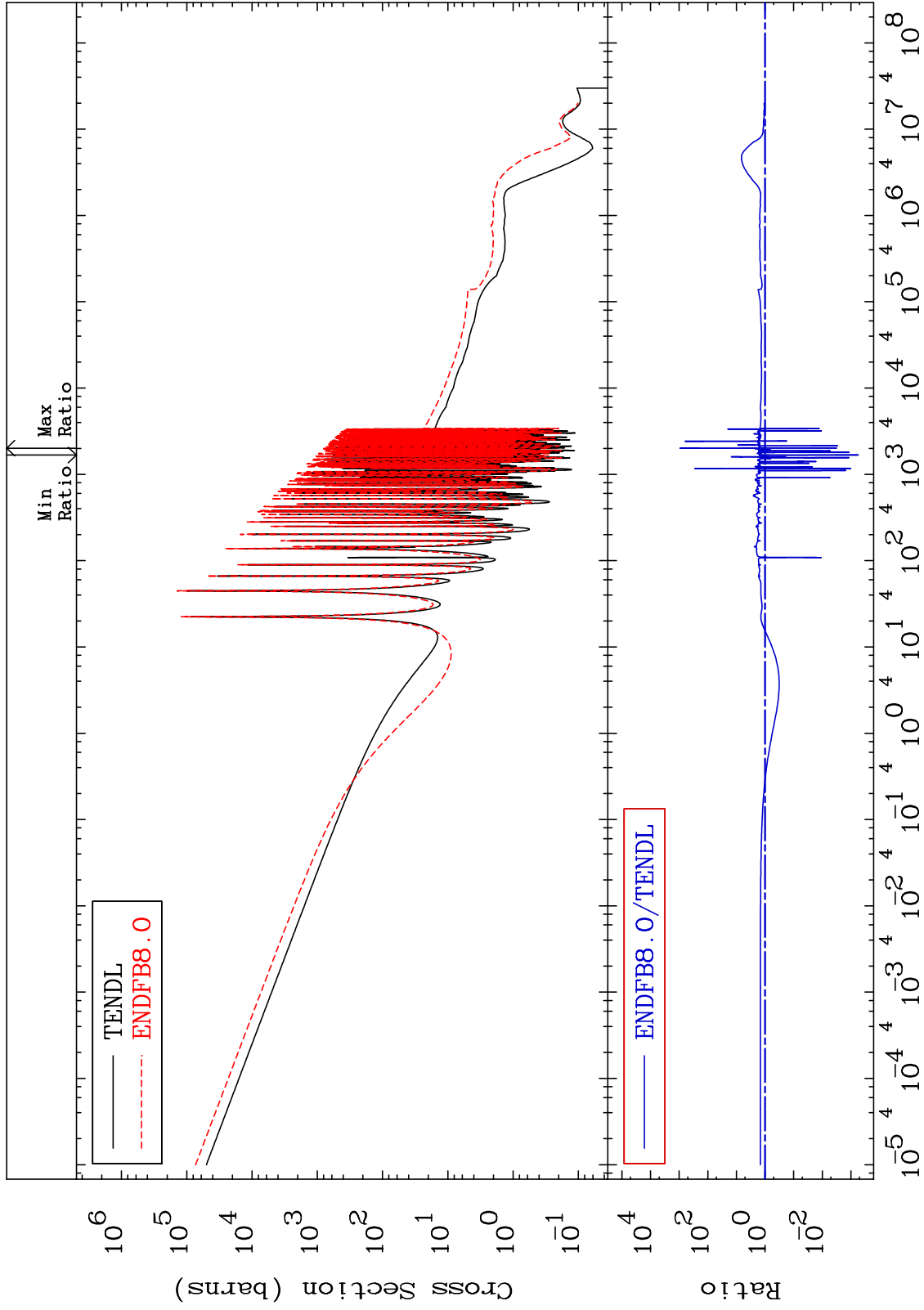
Incident Energy (eV)

76-0s-186

MAT 7631

Kerma capture (mt102)
Cross Section

76-0s-186
-99.95 To 9999. %



58

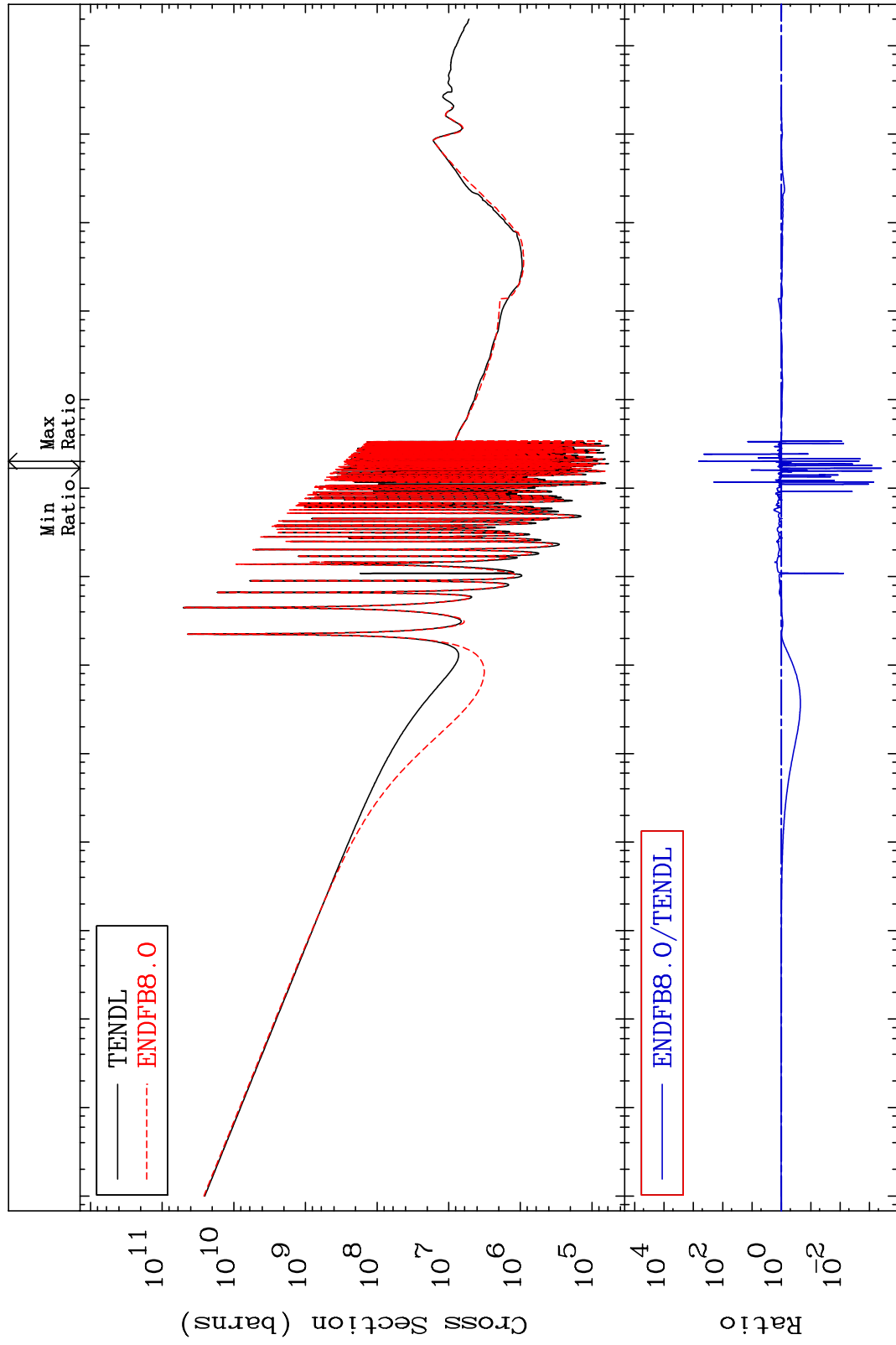
Incident Energy (eV)

76-0s-186

MAT 7631

Total photon (eV-barns)
Cross Section

76-0s-186
-99.96 To 9999. %



59

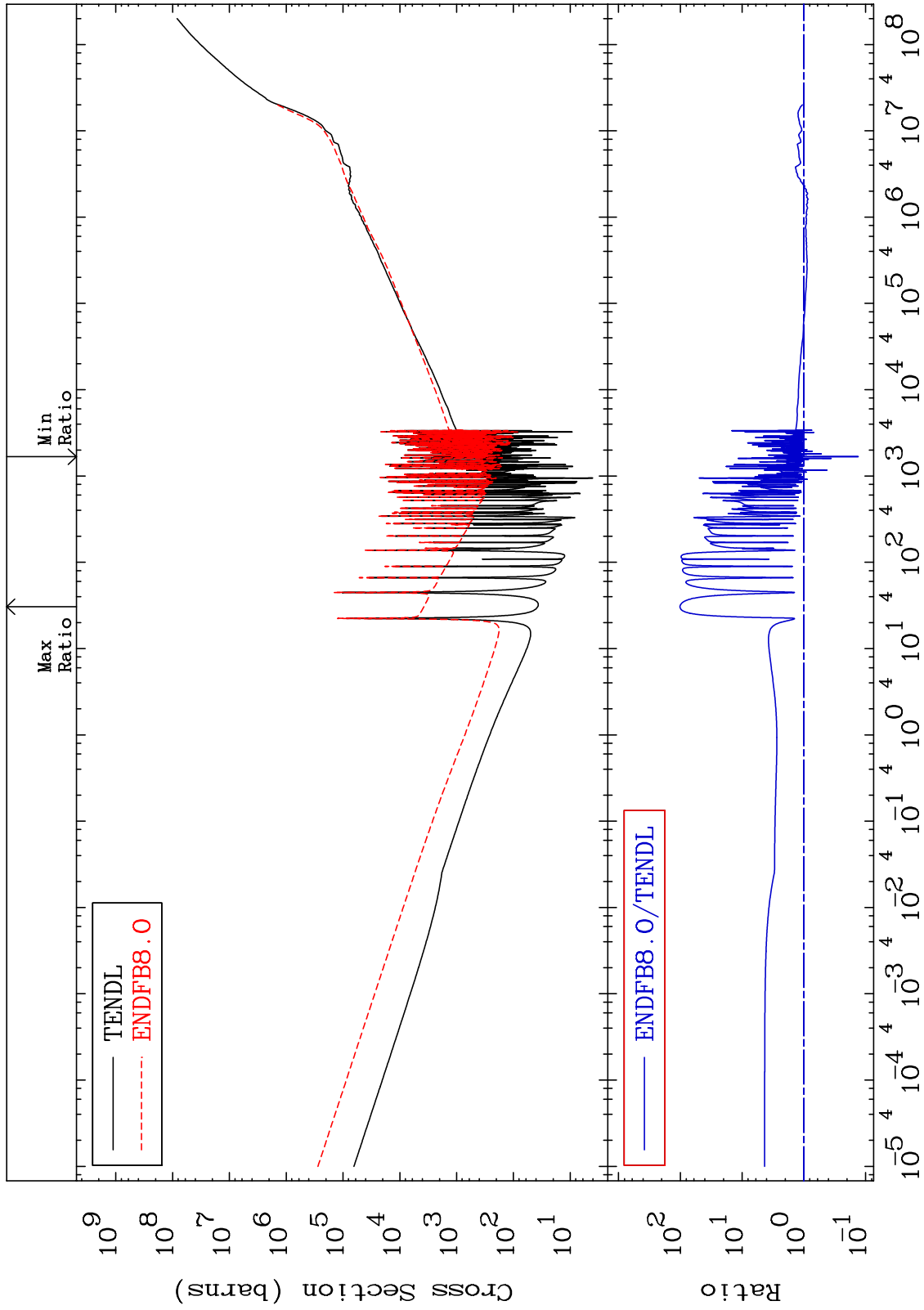
Incident Energy (eV)

76-0s-186

MAT 7631

Total kinematic kerma (high limit)
Cross Section

76-0s-186
-86.92 To 9999. %



60

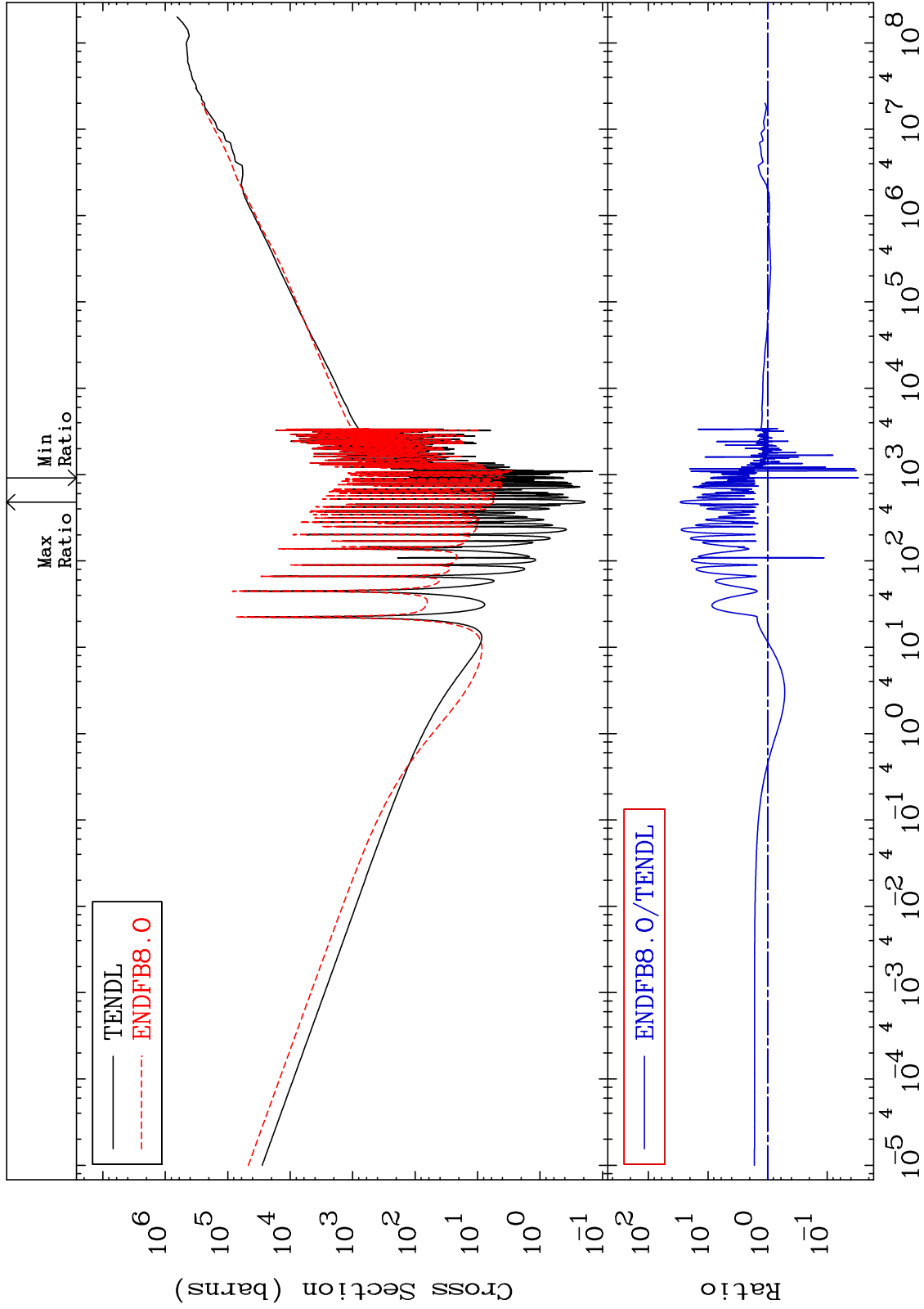
Incident Energy (eV)

76-0s-186

MAT 7631

Dpa total (eV-barns)
Cross Section

76-0s-186
-97.00 To 2845. %



61

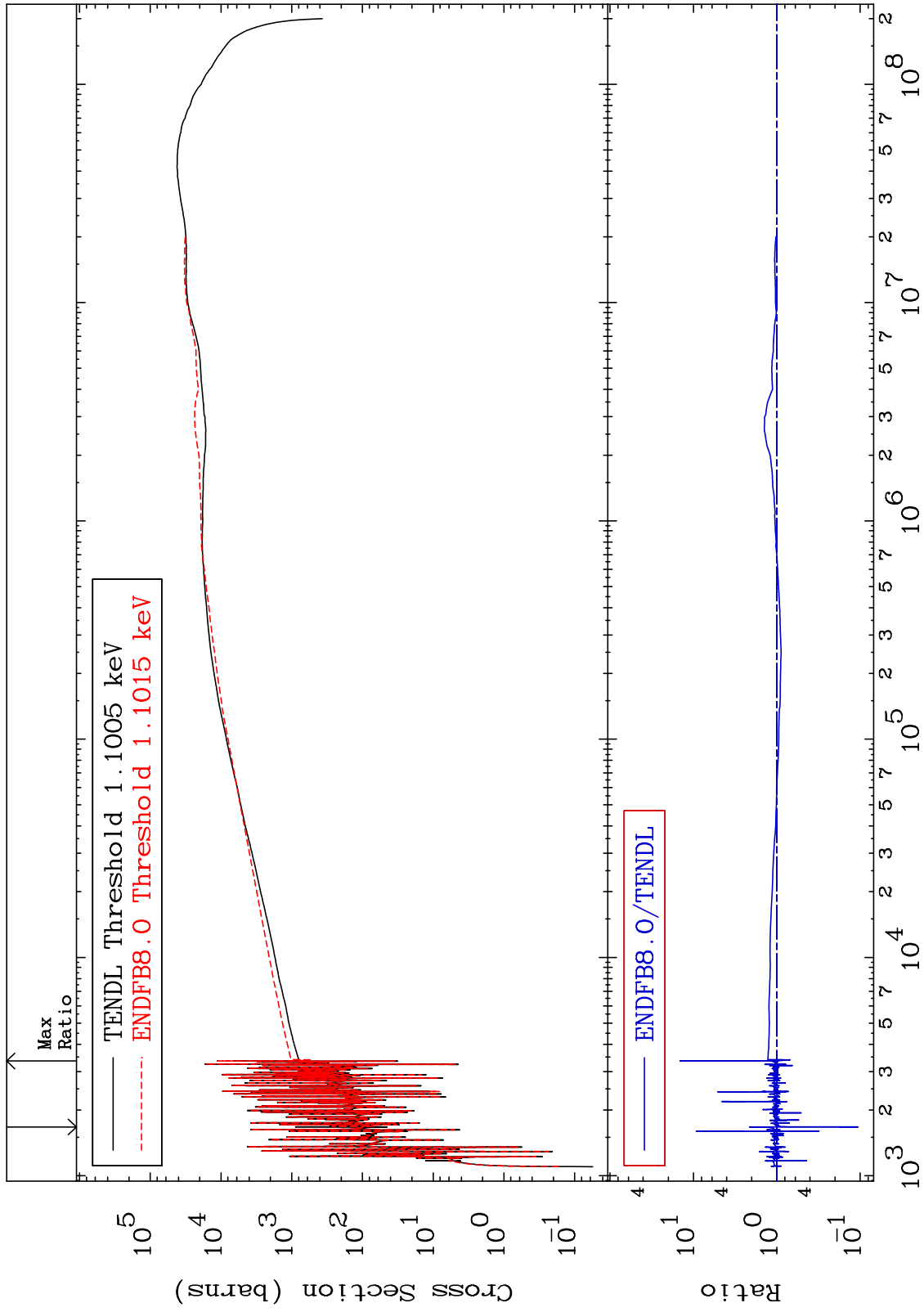
Incident Energy (eV)

76-0s-186

MAT 7631

Dpa elastic (mt2)
Cross Section

76-0s-186
-89.49 To 1347. %



62

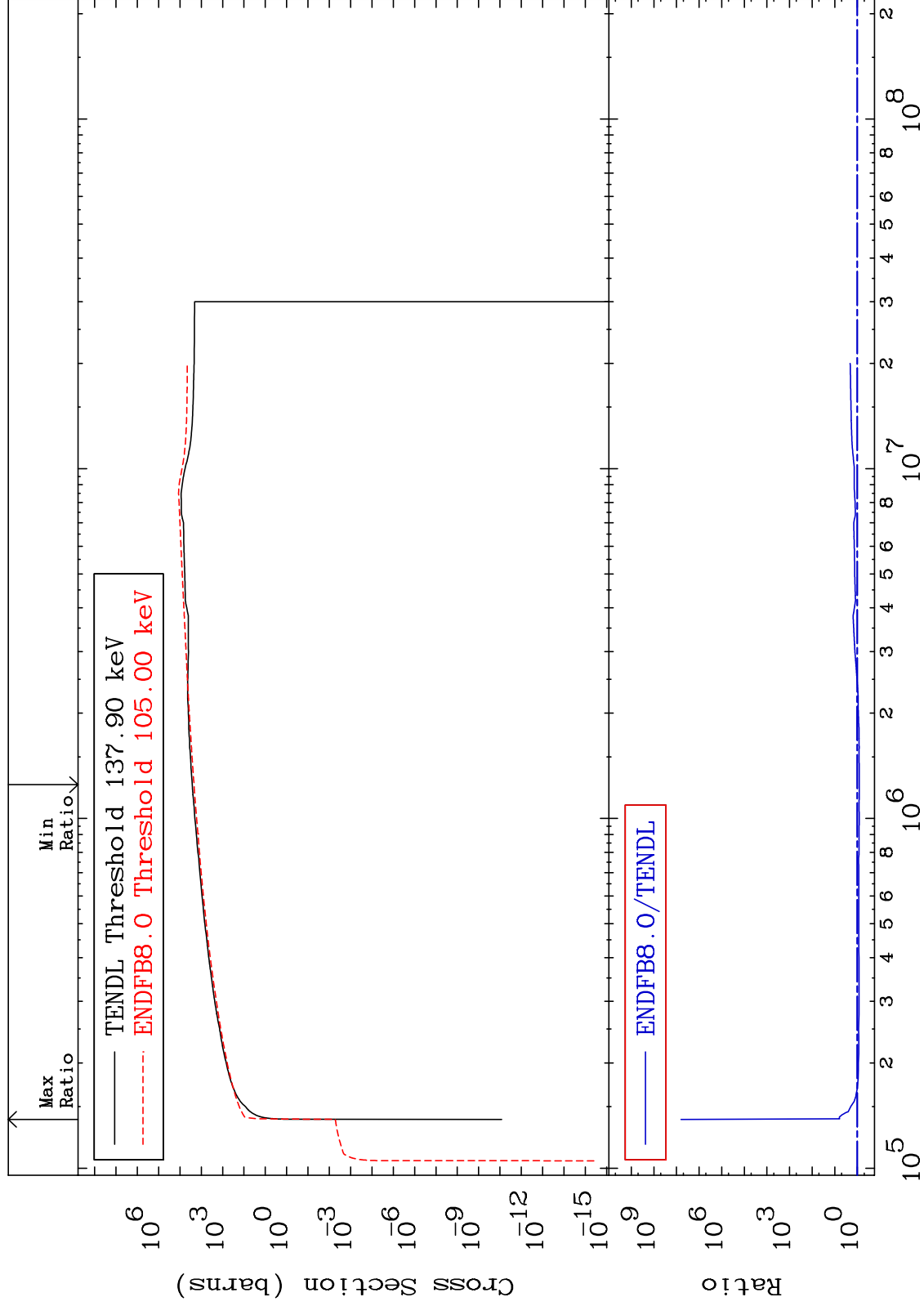
Incident Energy (eV)

76-0s-186

MAT 7631

Dpa inelastic (mt51-91)
Cross Section

76-0s-186
-17.61 To 9999. %



63

Incident Energy (eV)

76-0s-186

MAT 7631

Dpa disappearance (mt102 -120)
Cross Section

76-0s-186
-99.36 To 9999. %

