

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

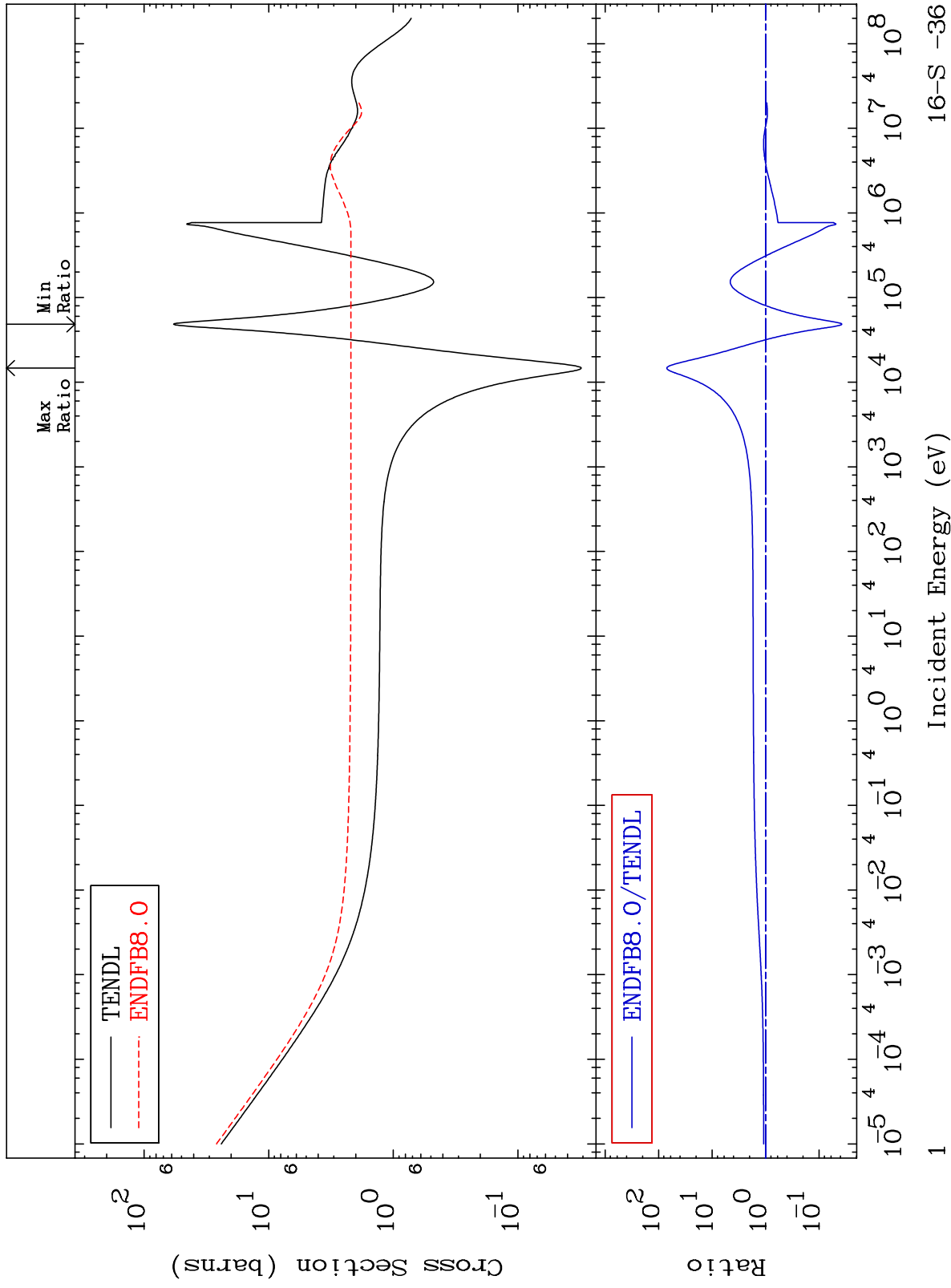
MAT 1637

Total

Cross Section

16-S -36

-96.23 To 6944. %



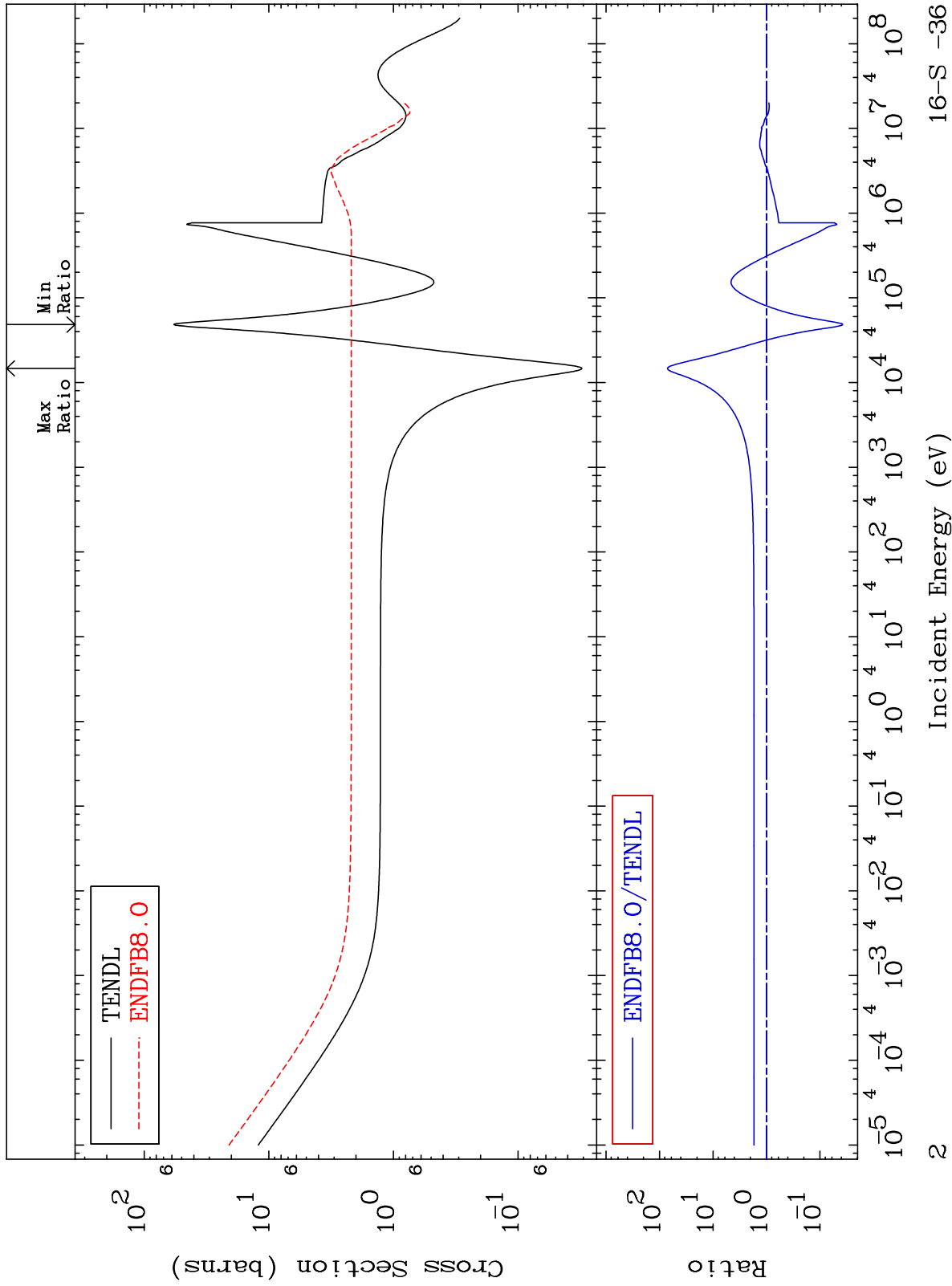
Incident Energy (eV)

16-S -36

MAT 1637

Elastic
Cross Section

16-S -36
-96.23 To 6985. %



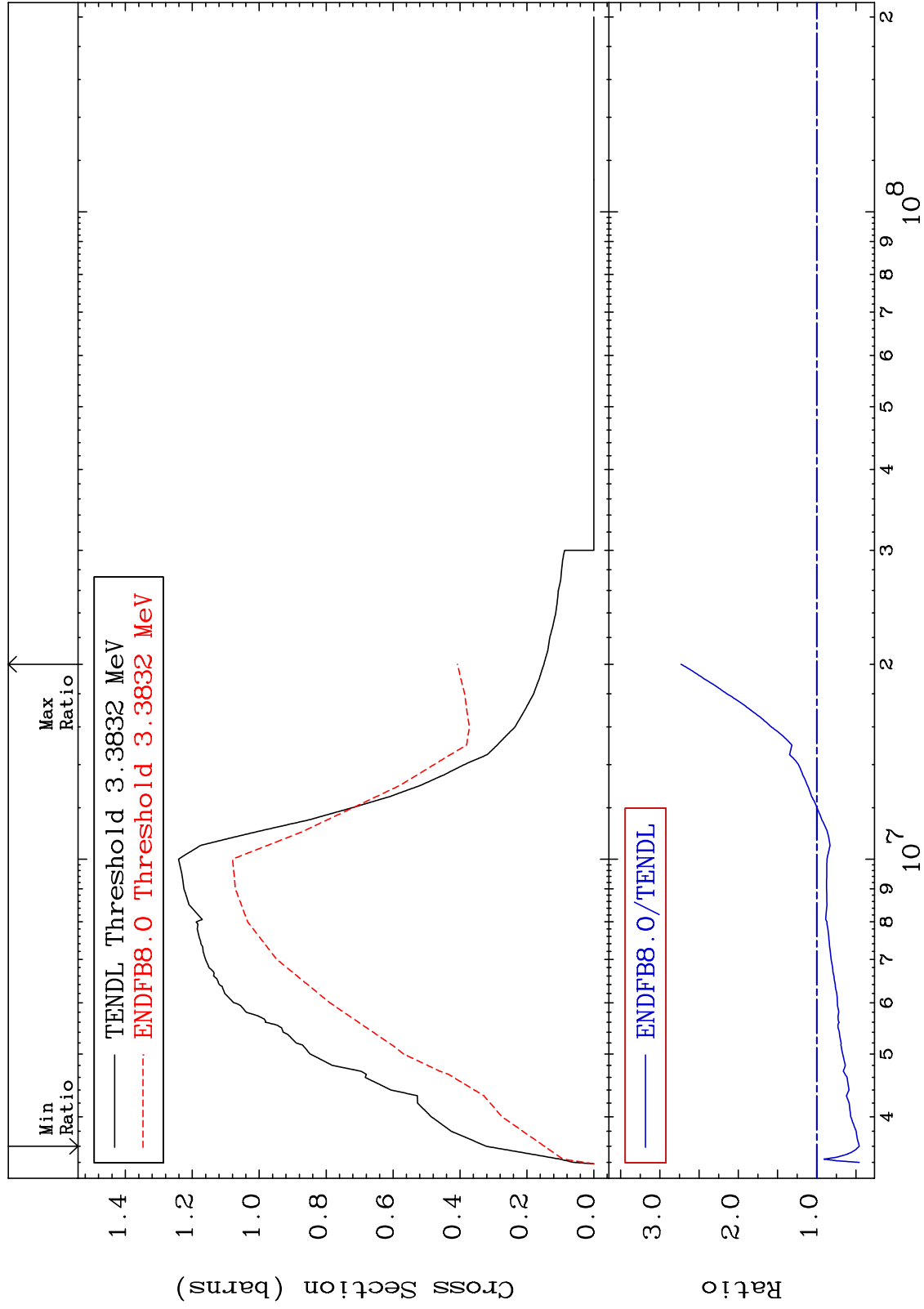
16-S -36

Incident Energy (eV)

MAT 1637

Inelastic
Cross Section

16-S -36
-54.20 To 172.9 %



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Incident Energy (eV)

16-S -36

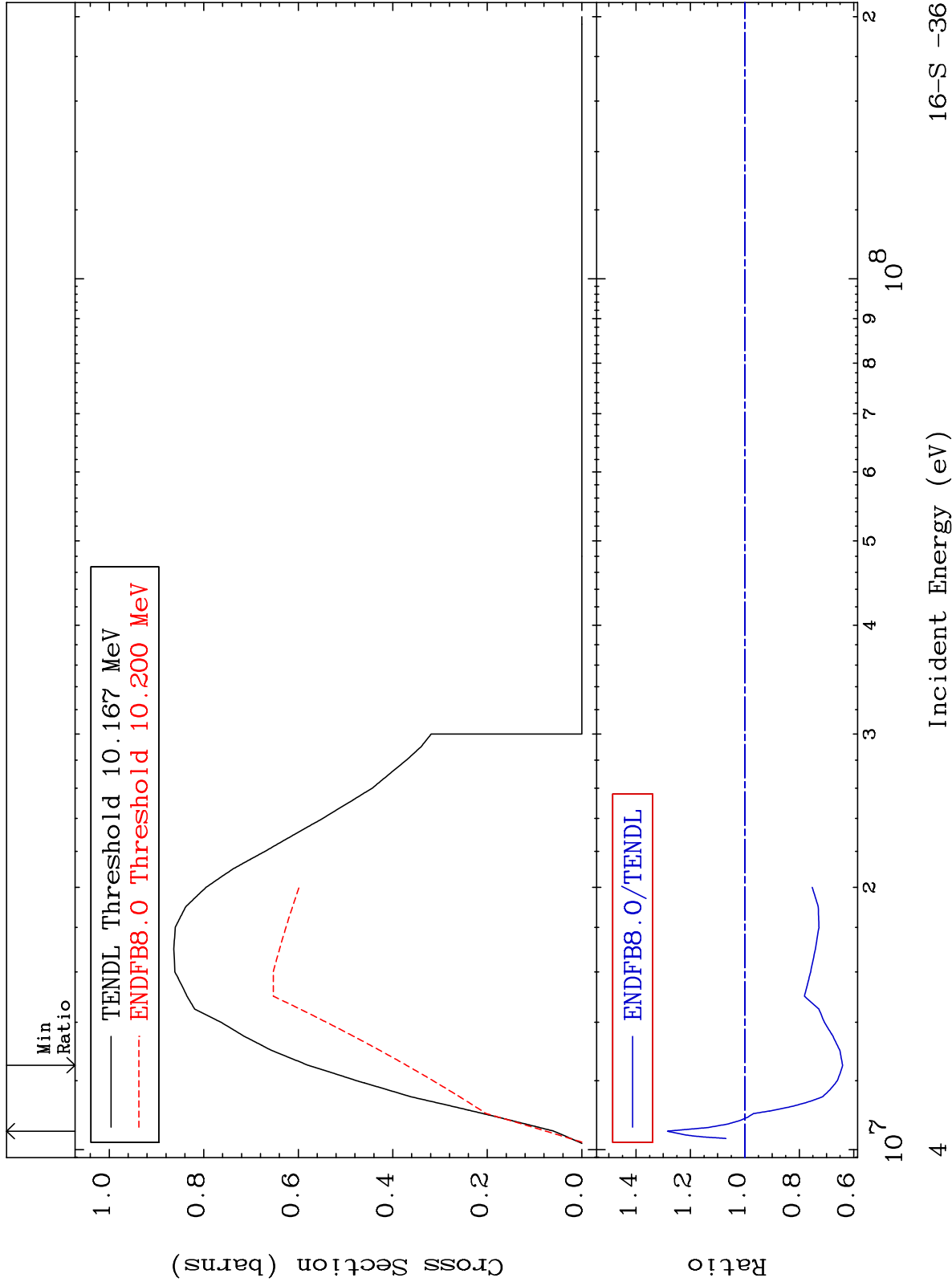
MAT 1637

(n,2n)

16-S -36

Cross Section

-35.93 To 28.42 %



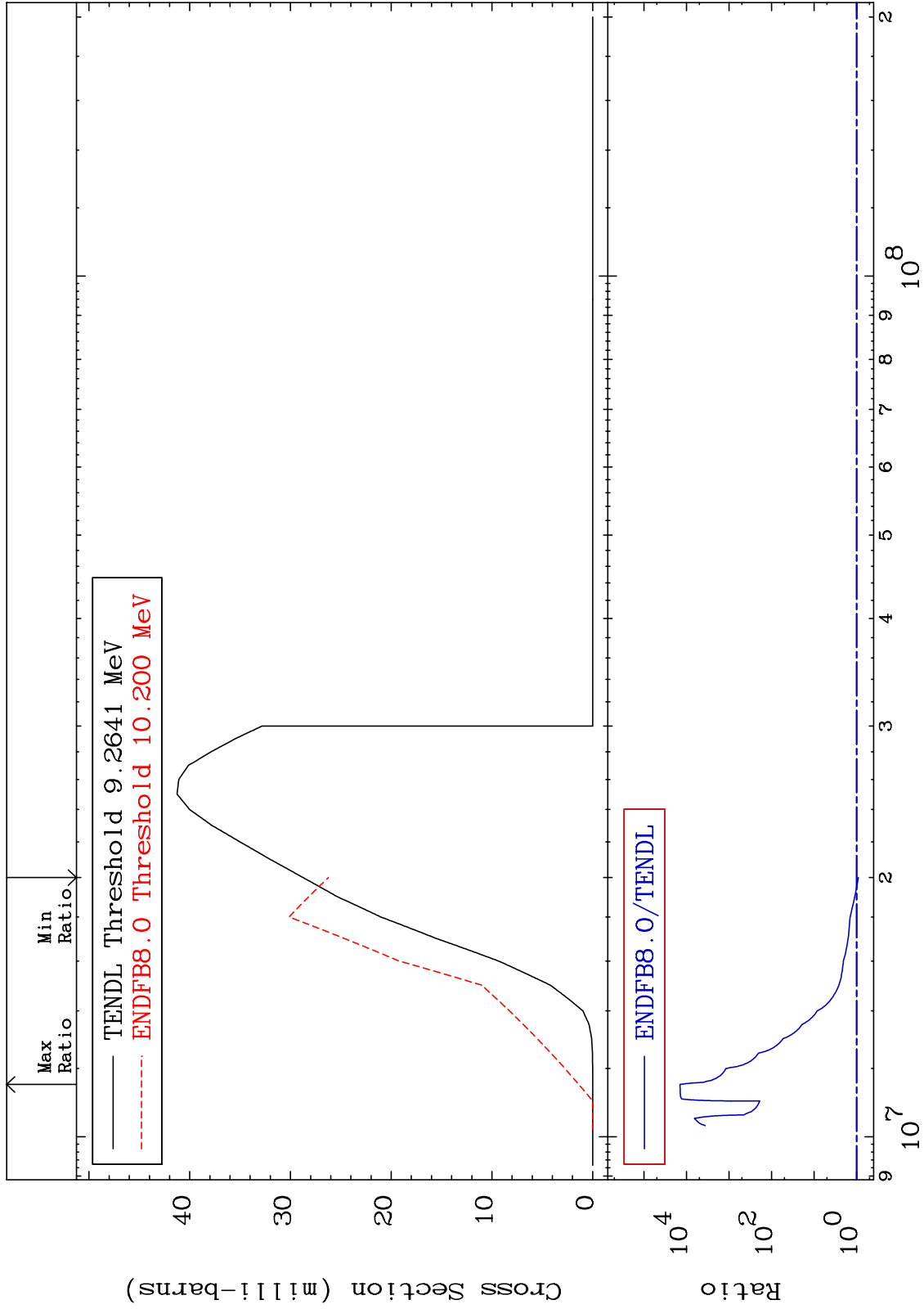
MAT 1637

(n,n') α

16-S -36

Cross Section

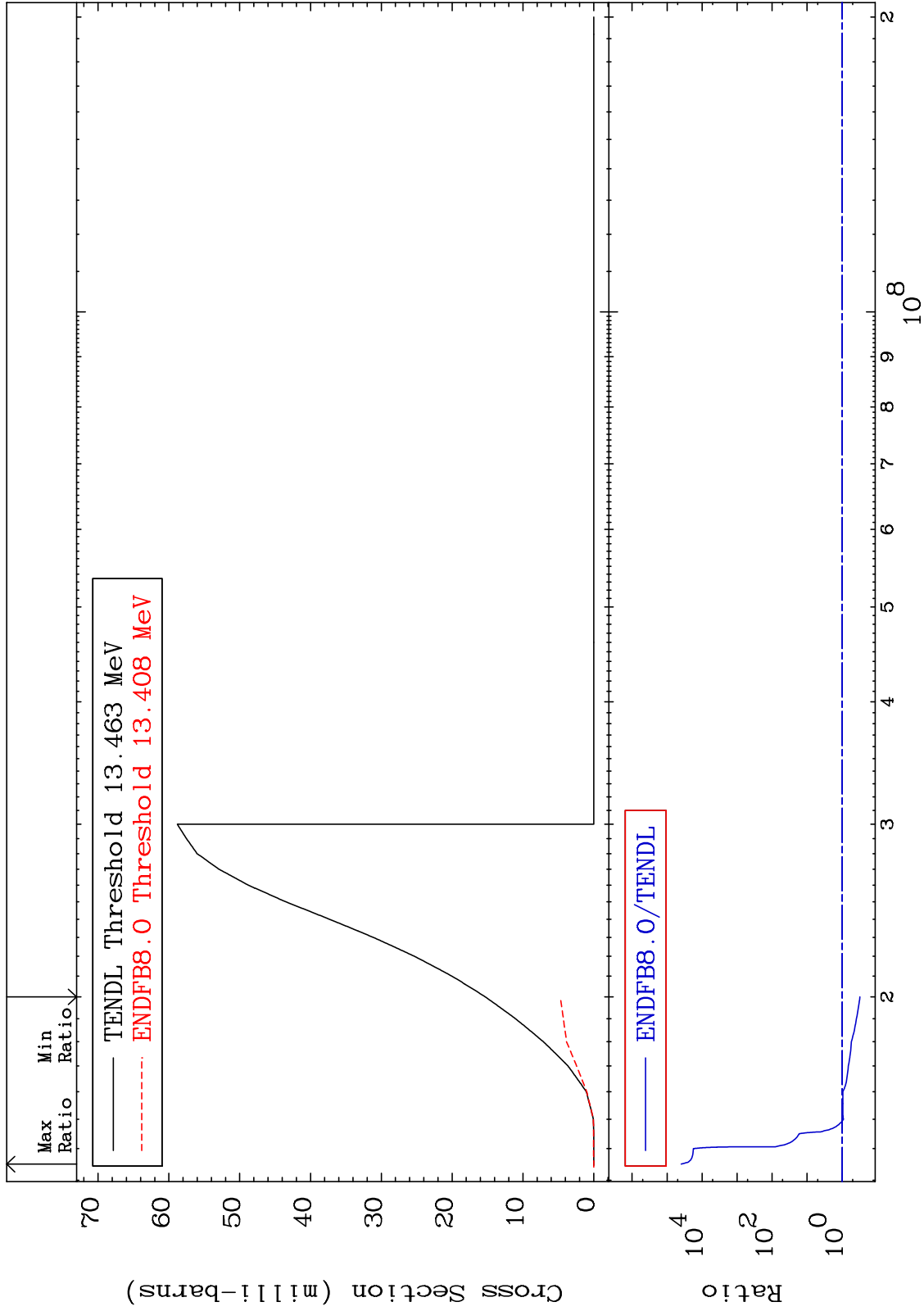
-8.739 To 9999. %



16-S -36

Incident Energy (eV)

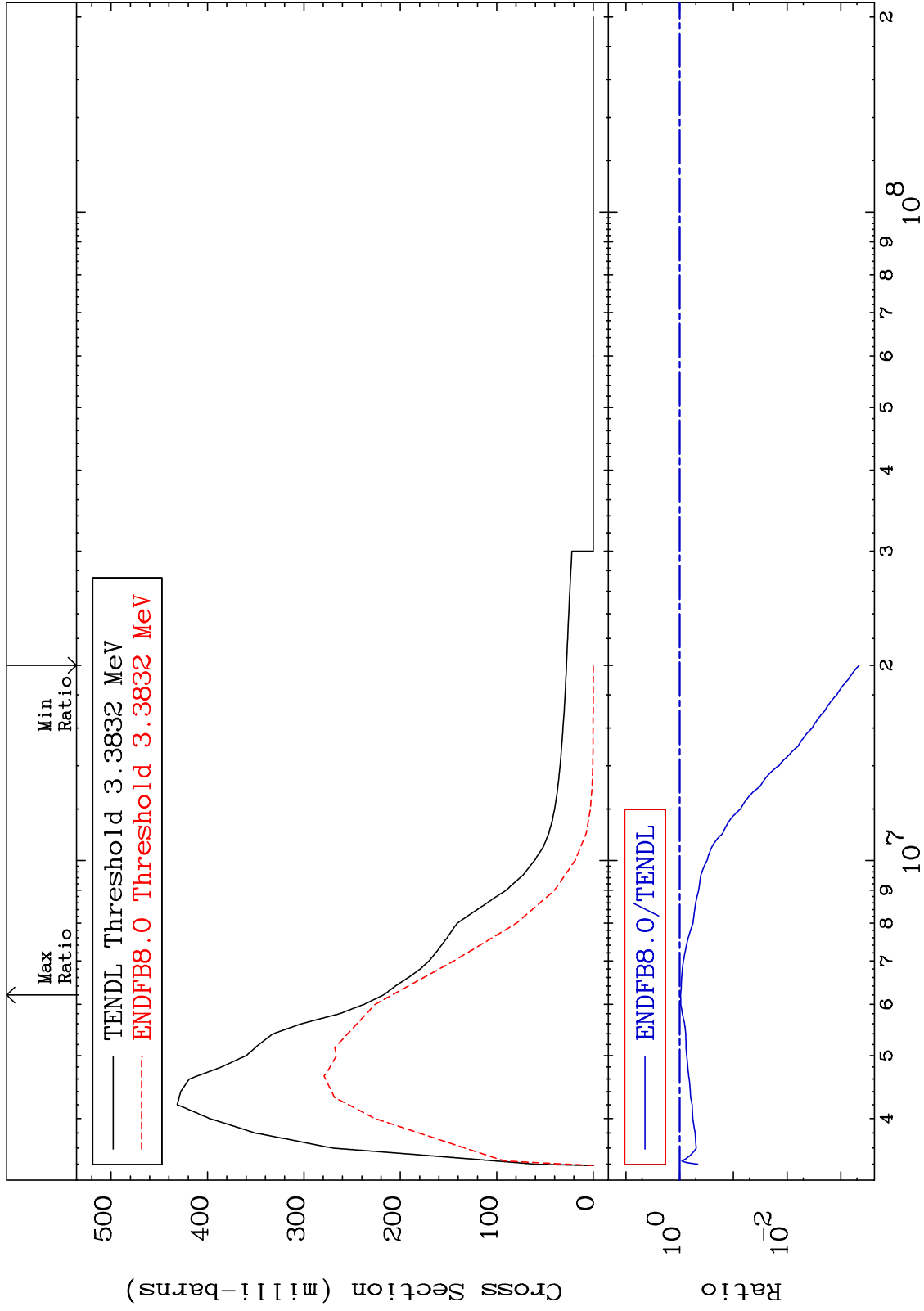
5



MAT 1637

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

16-S -36
-99.95 To -4.049%



7

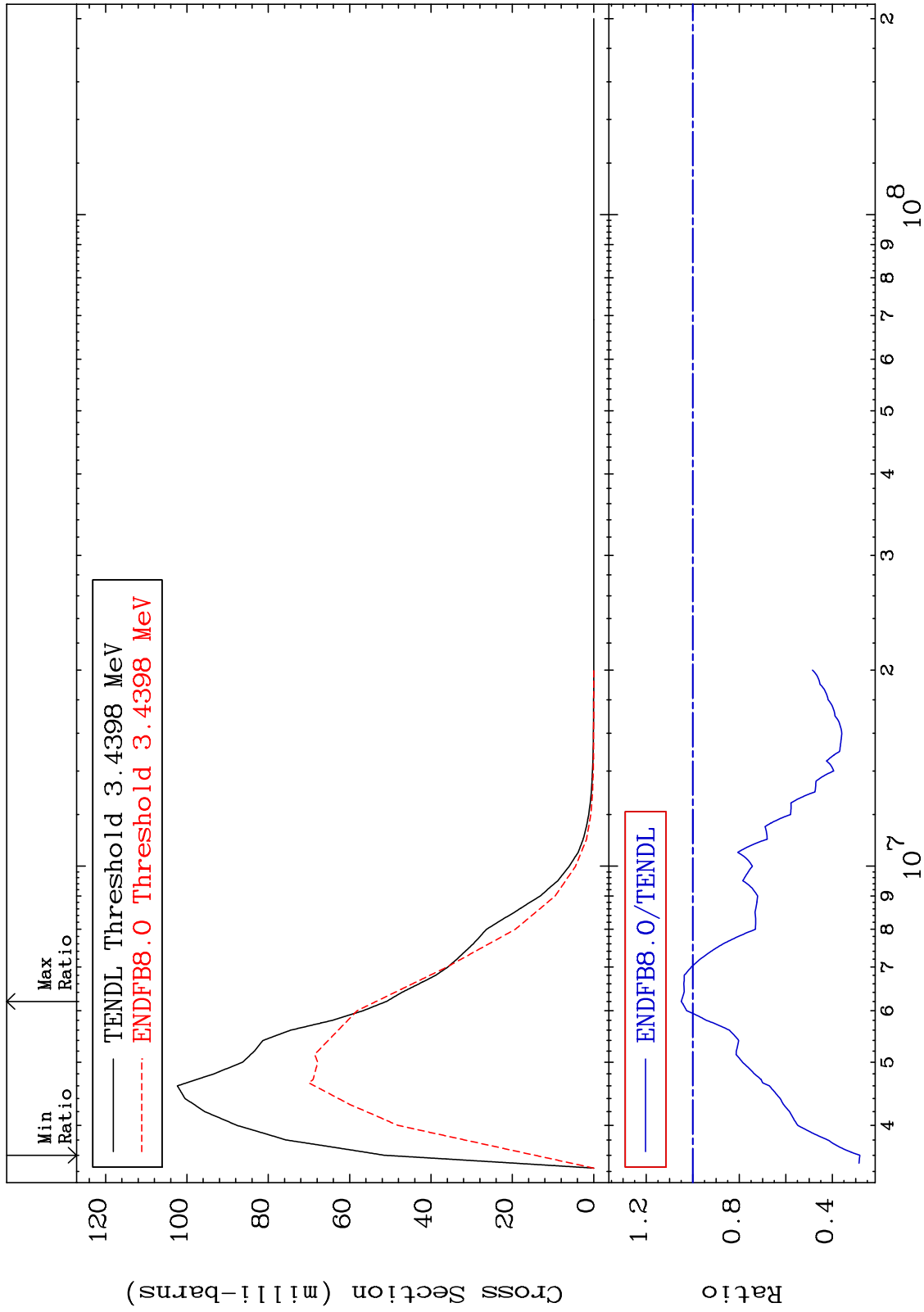
Incident Energy (eV)

16-S -36

MAT 1637

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

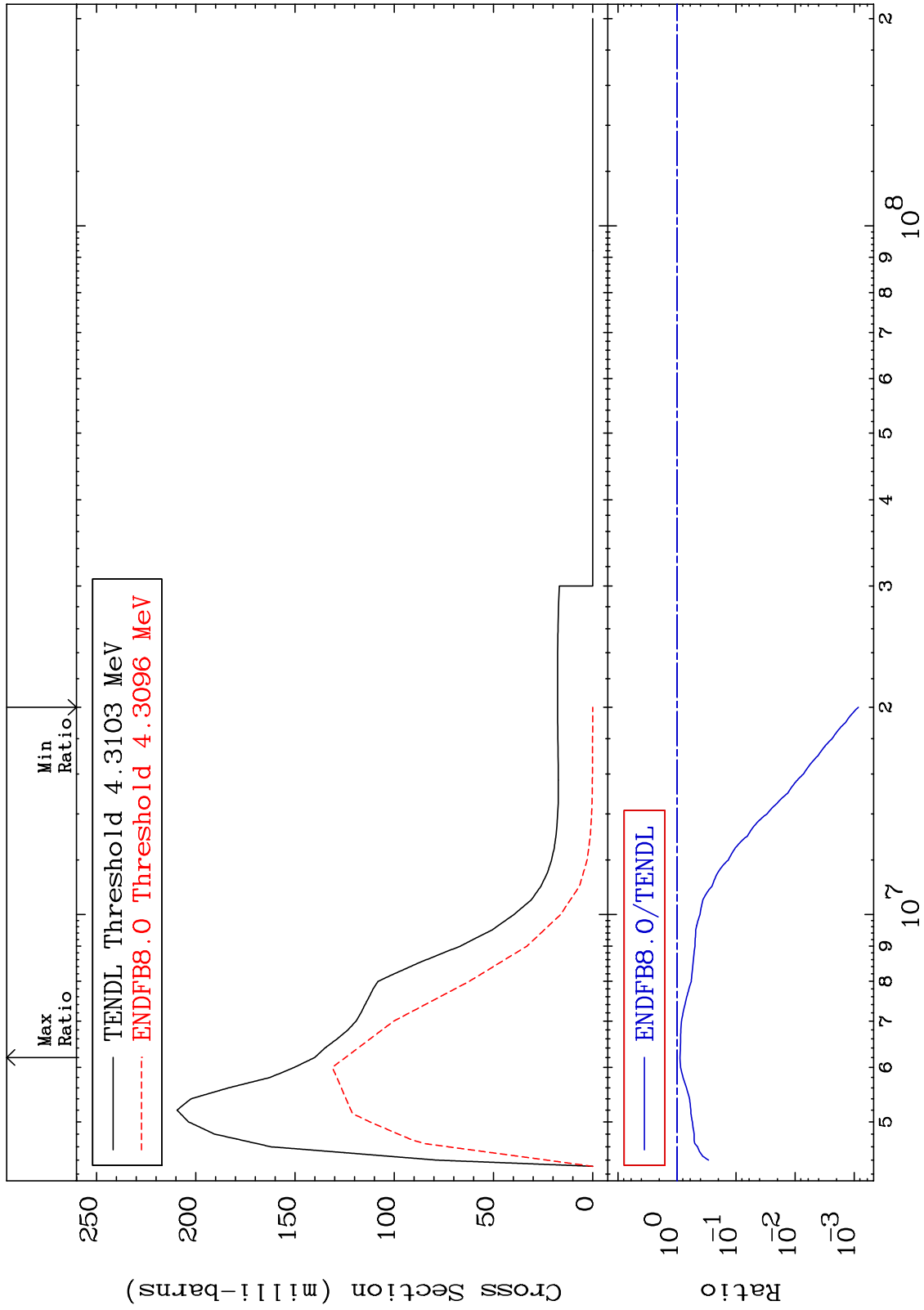
16-S -36
-71.84 To 4.984 %



8

16-S -36

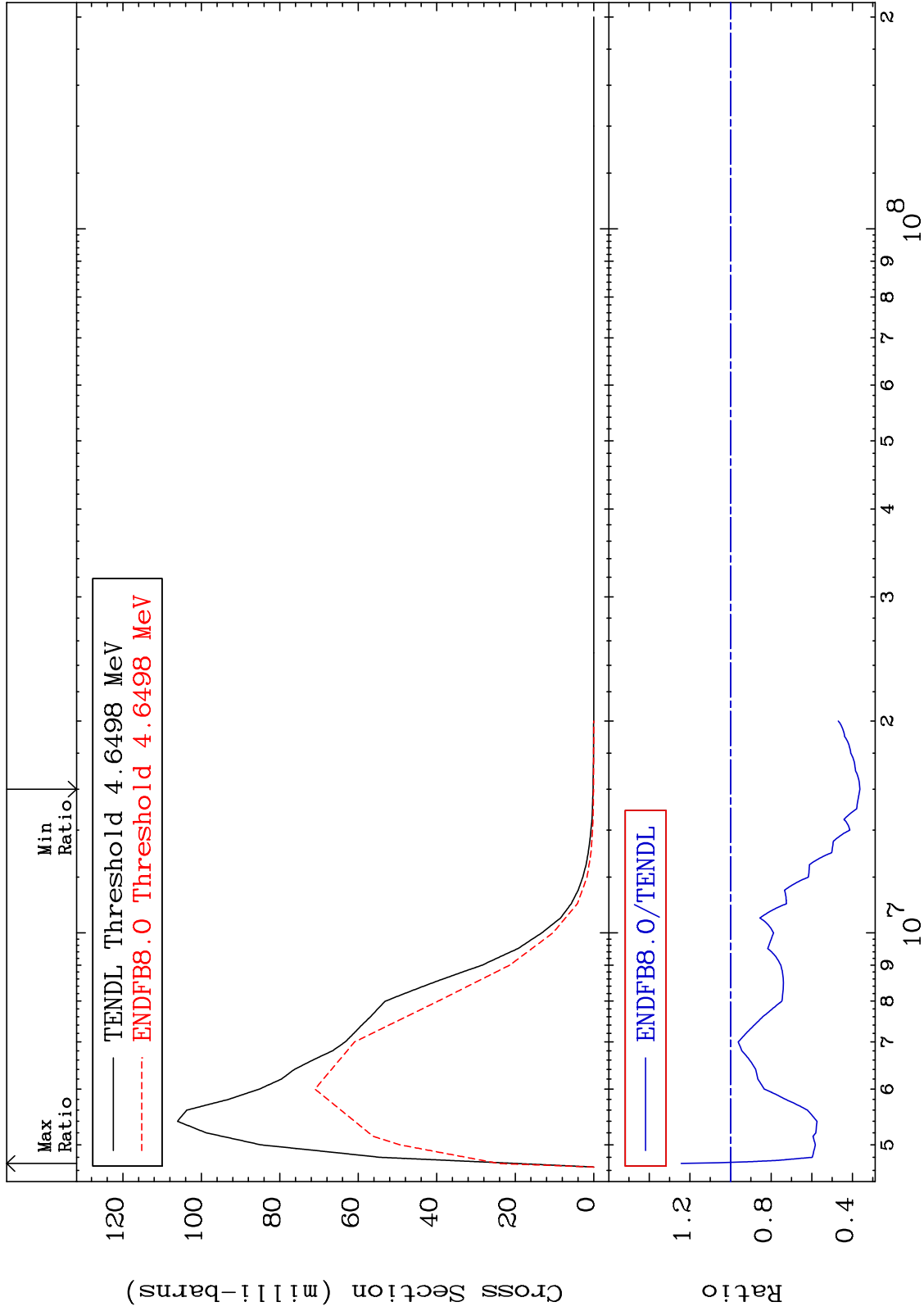
MAT 1637 MT= 53 (n,n') Level Cross Section 16-S -36 -99.92 To -11.04%



MAT 1637

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

16-S -36
-63.70 To 24.25 %



10

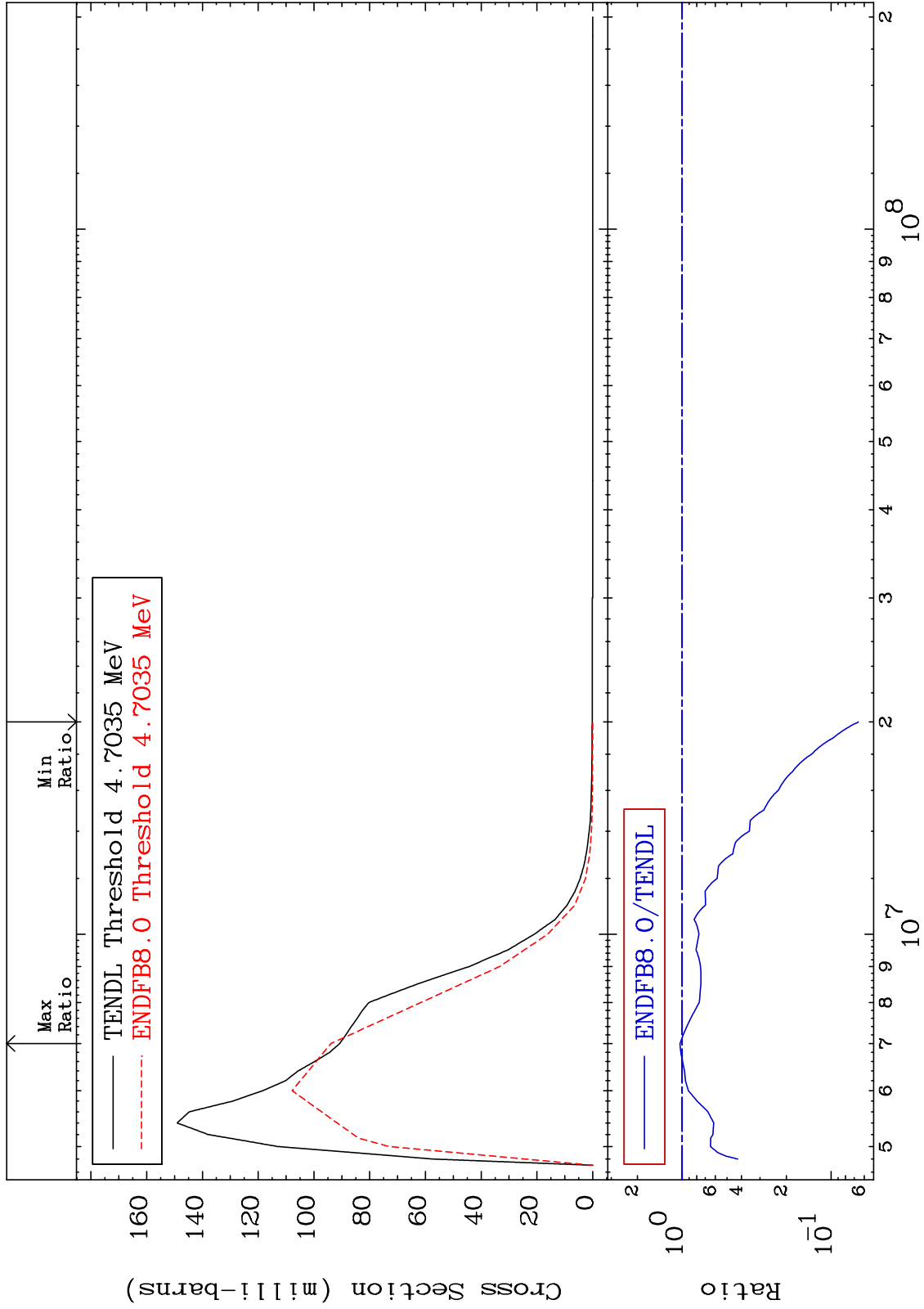
Incident Energy (eV)

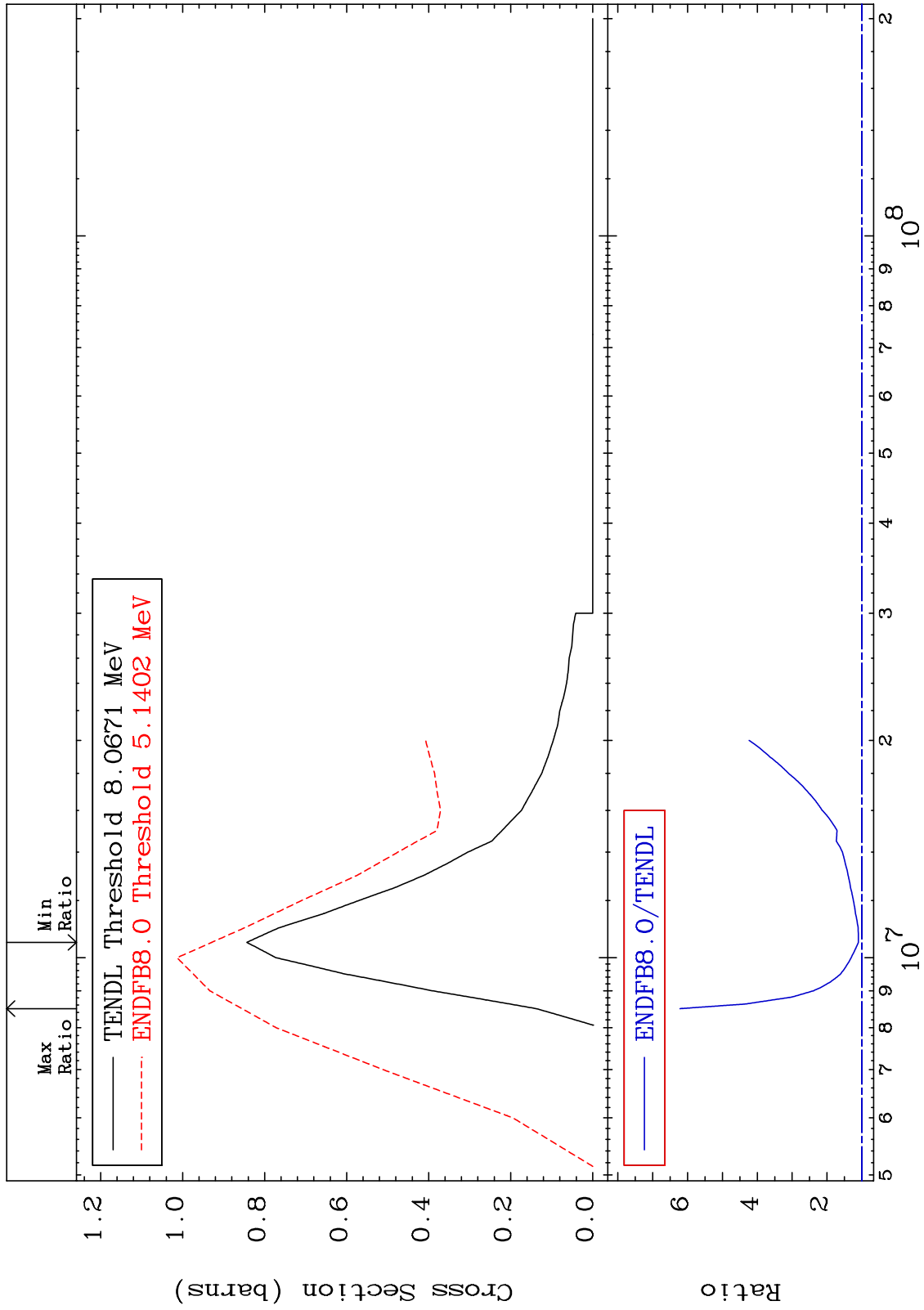
16-S -36

MAT 1637

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

16-S -36
-93.44 To 3.451 %





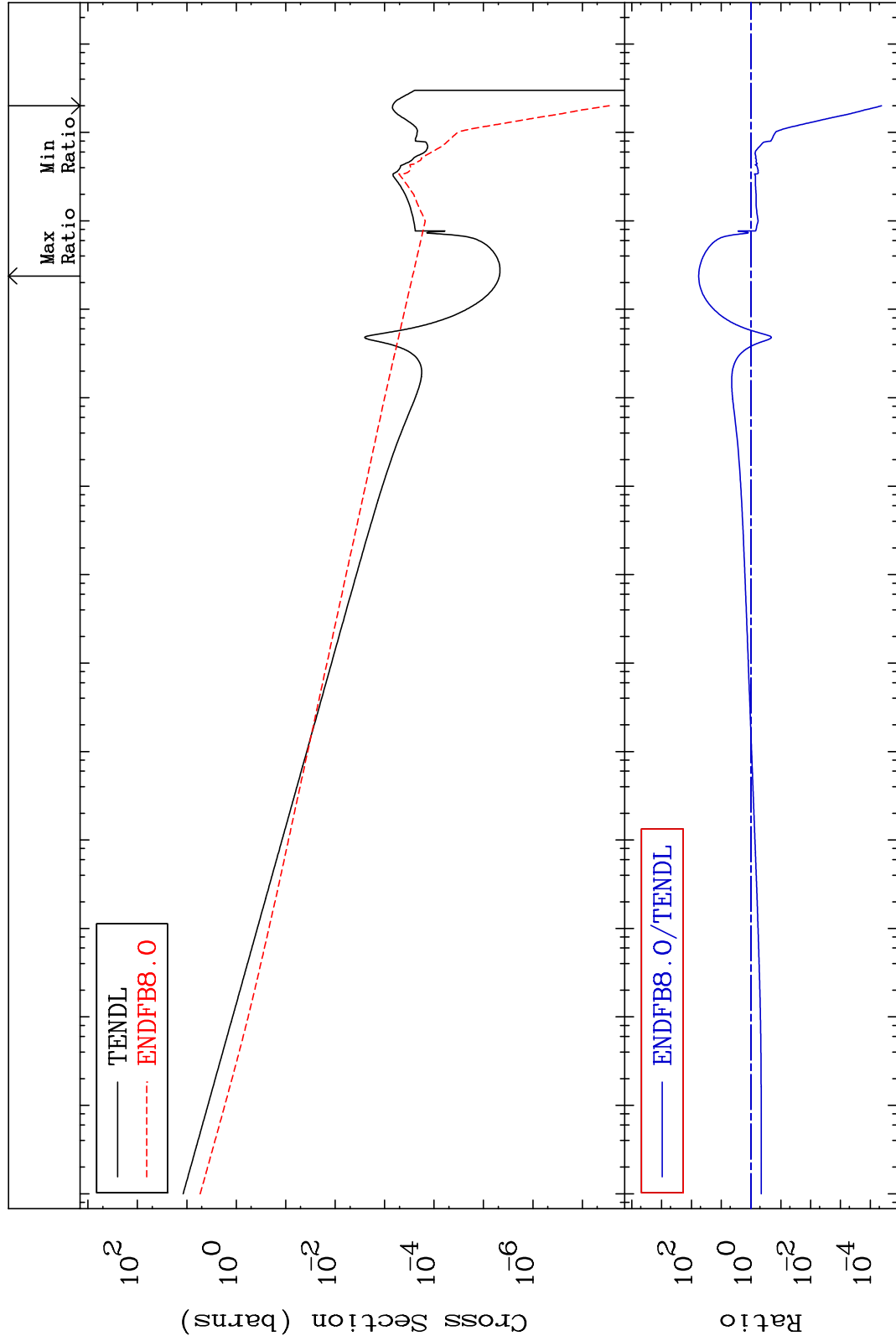
MAT 1637

(n, γ)

16-S -36

Cross Section

-100.0 To 5587. %



10²
10⁰
10⁻²
10⁻⁴
10⁻⁶
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁴ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸
Incident Energy (eV) 16-S -36

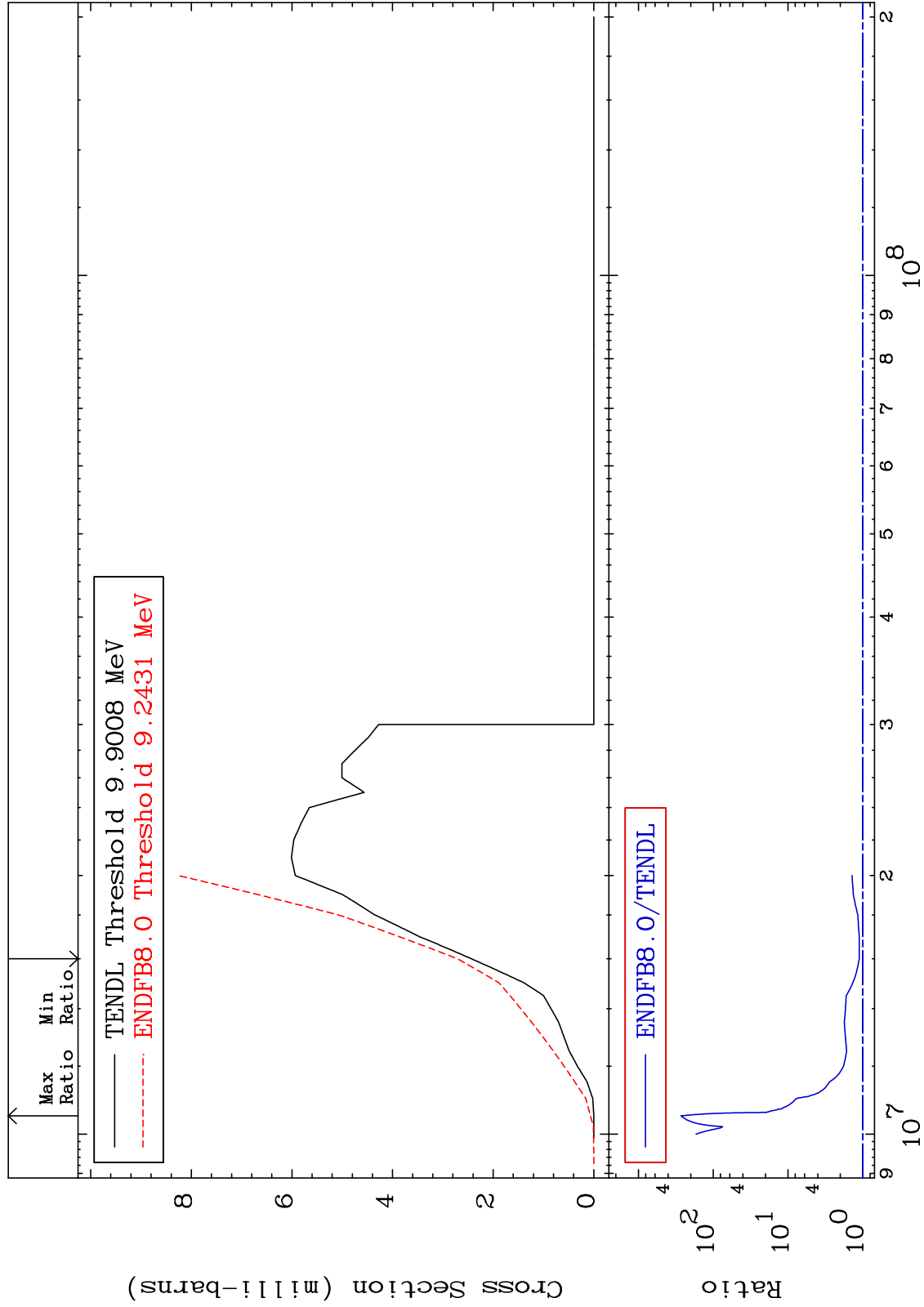
MAT 1637

(n,p)

16-S -36

Cross Section

11.47 To 9999. %



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Incident Energy (eV)

16-S -36

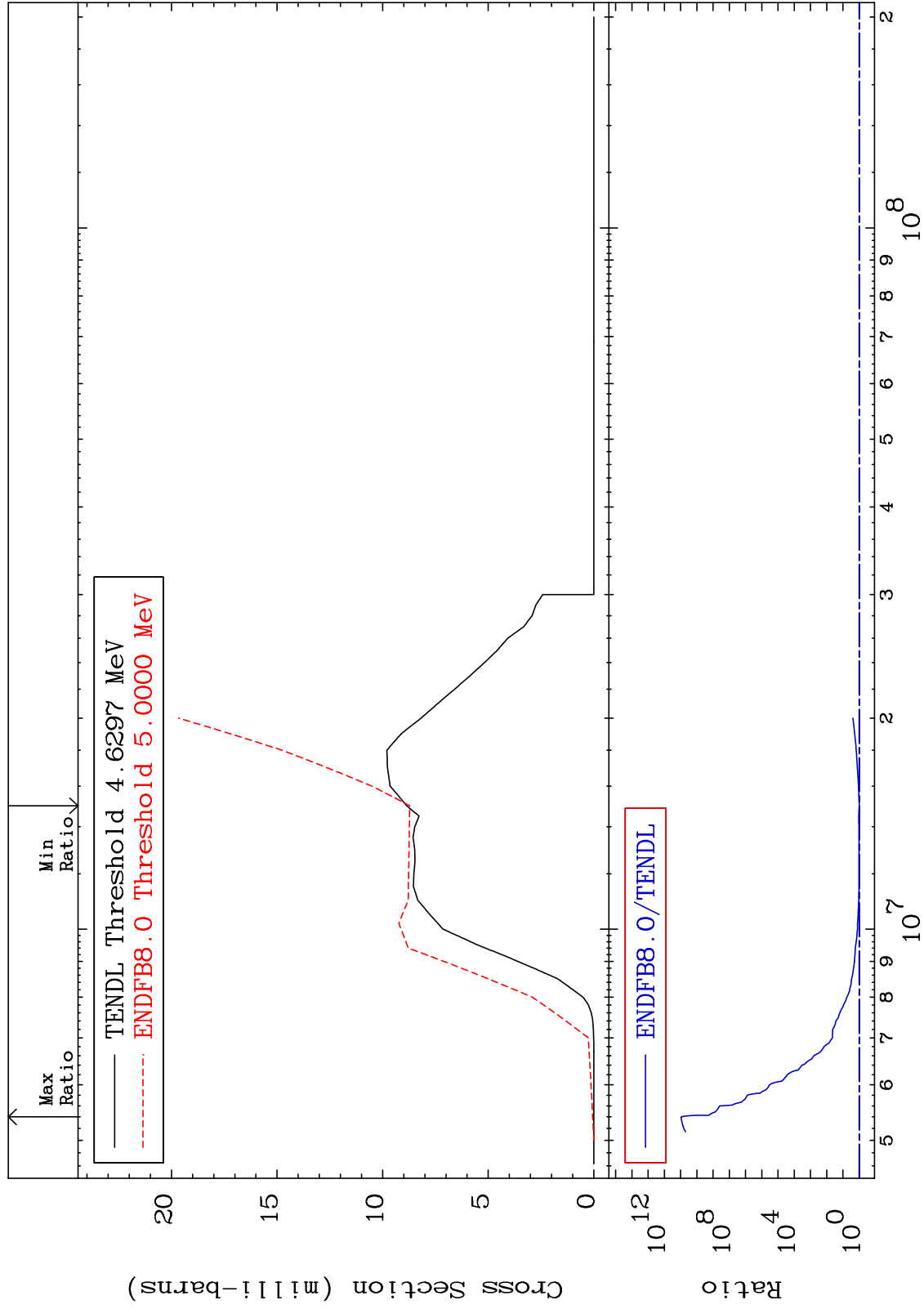
MAT 1637

(n, α)

16-S -36

Cross Section

-1.631 To 9999. %



15

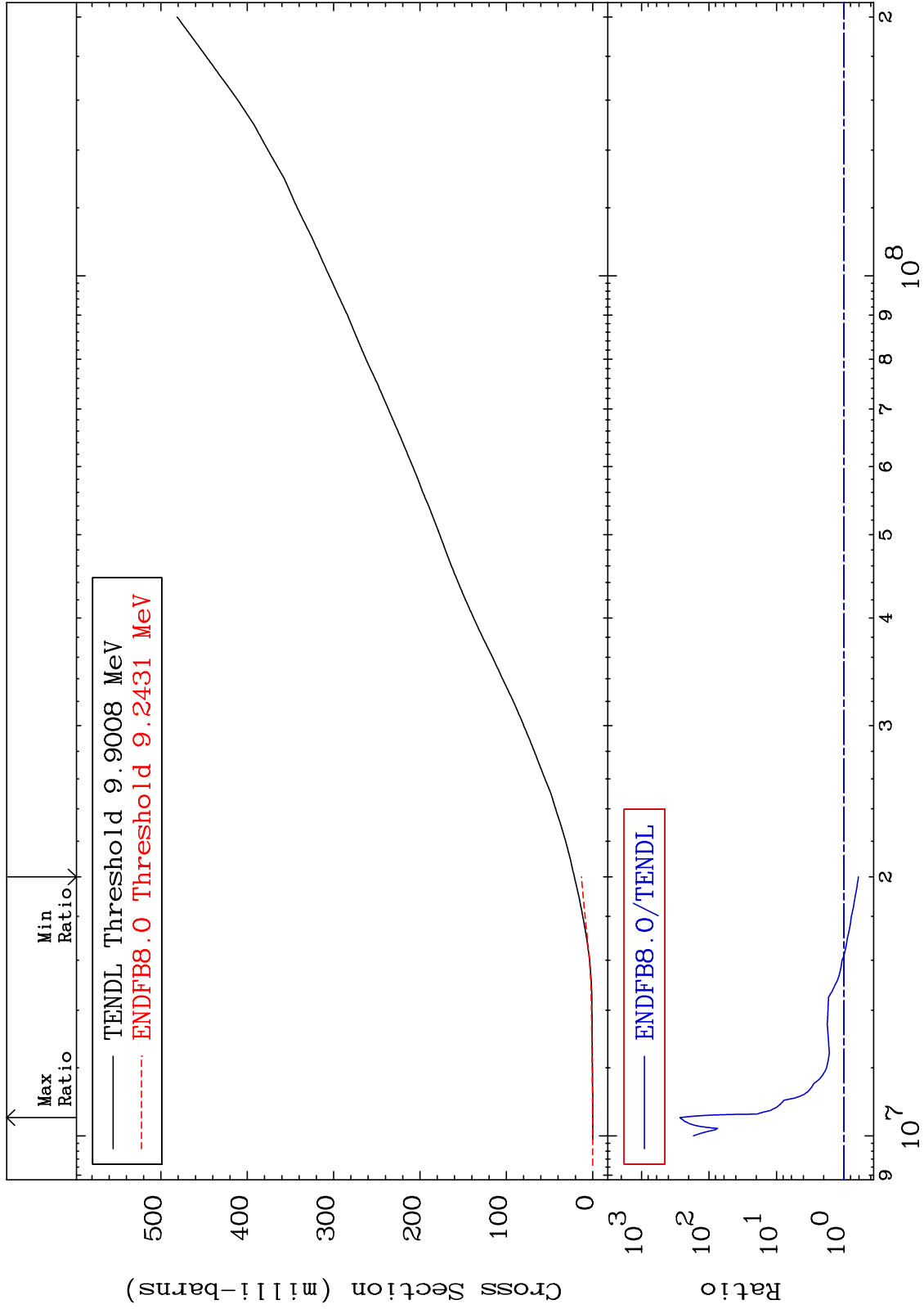
Incident Energy (eV)

16-S -36

MAT 1637

Hydrogen Production
Cross Section

16-S -36
-38.88 To 9999. %



16

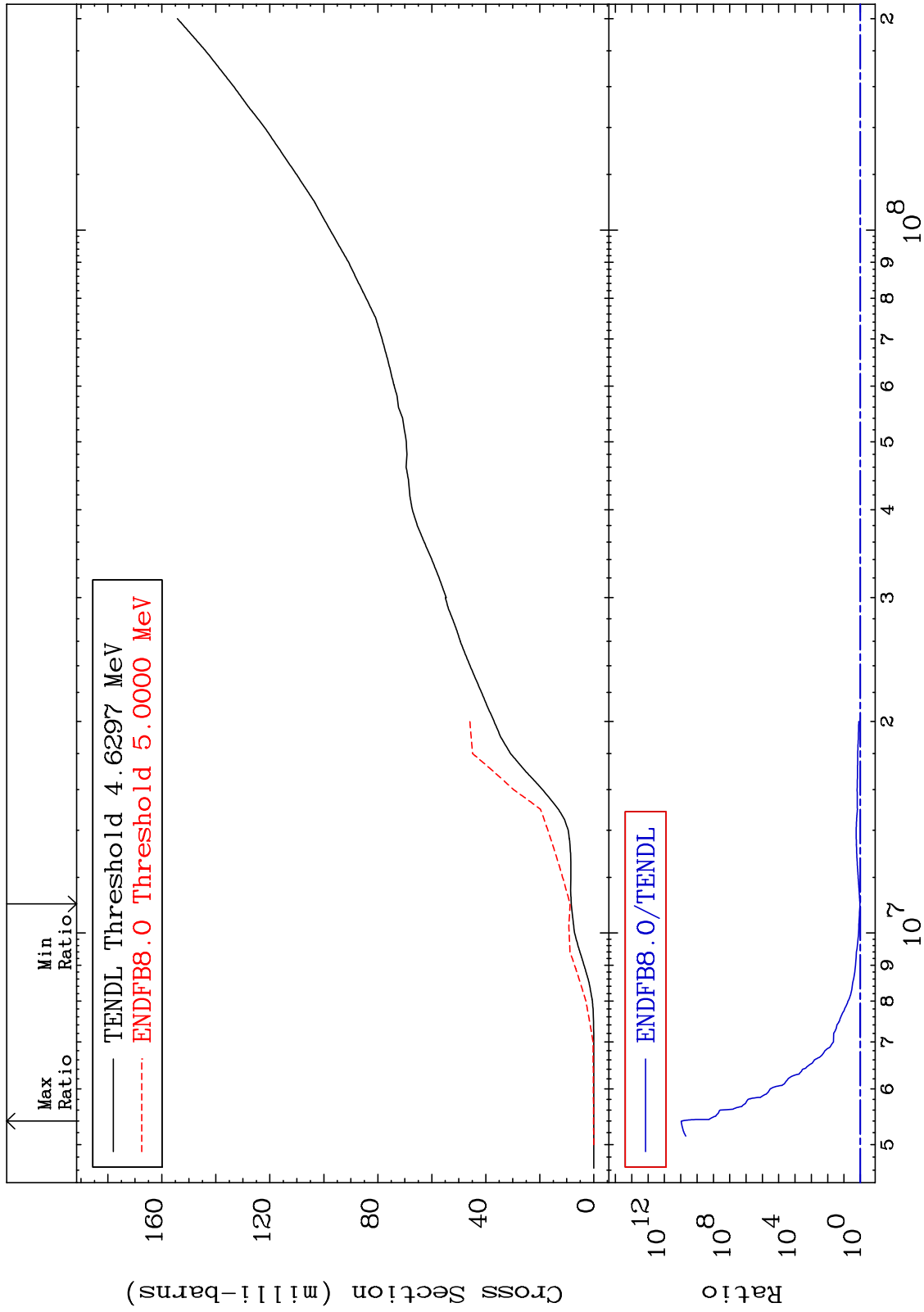
Incident Energy (eV)

16-S -36

MAT 1637

He-4 Production
Cross Section

16-S -36
5.426 To 9999. %



17

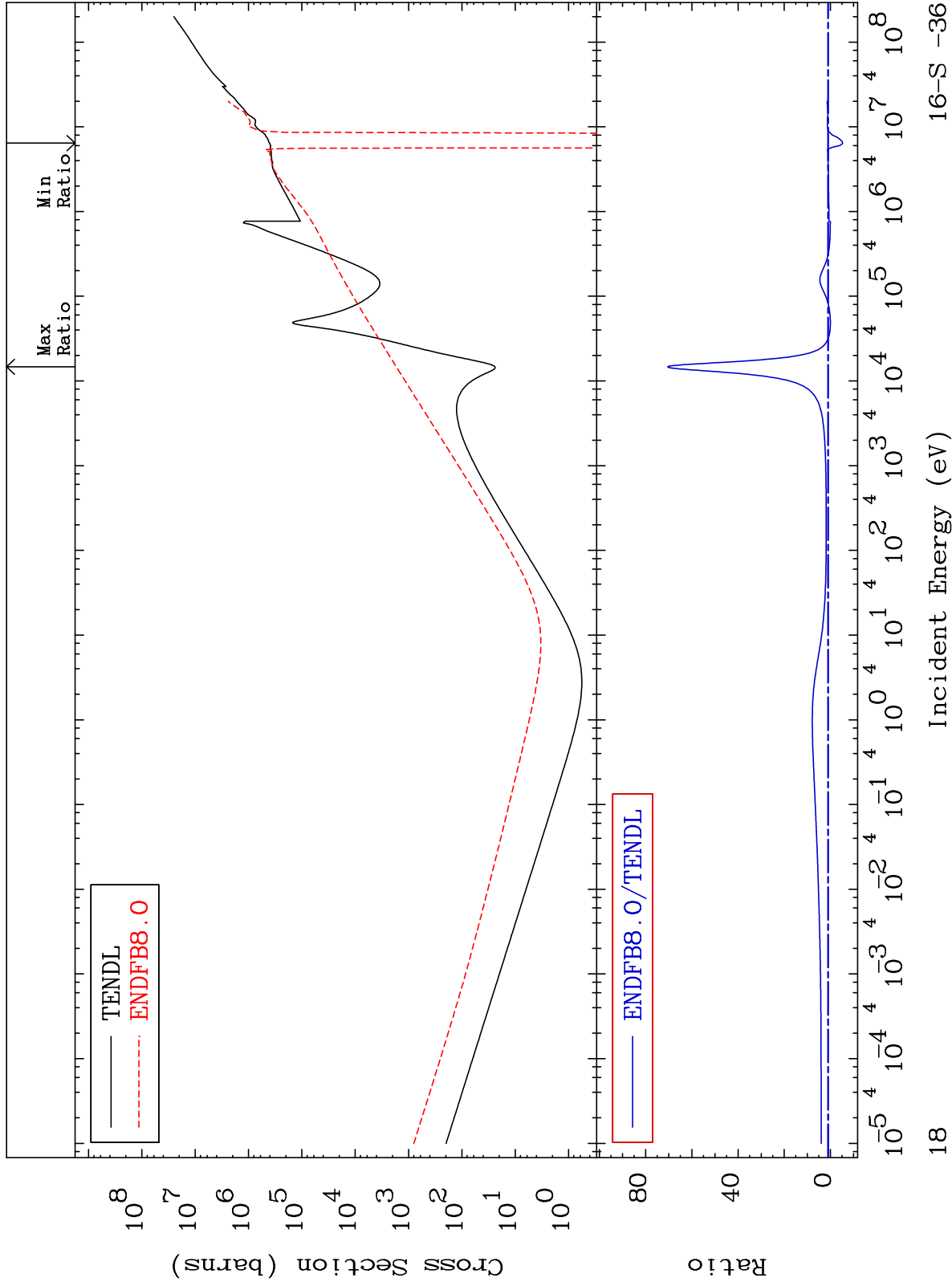
Incident Energy (eV)

16-S -36

MAT 1637

Kerma total (eV-barns)
Cross Section

16-S -36
-628.6 To 6953. %



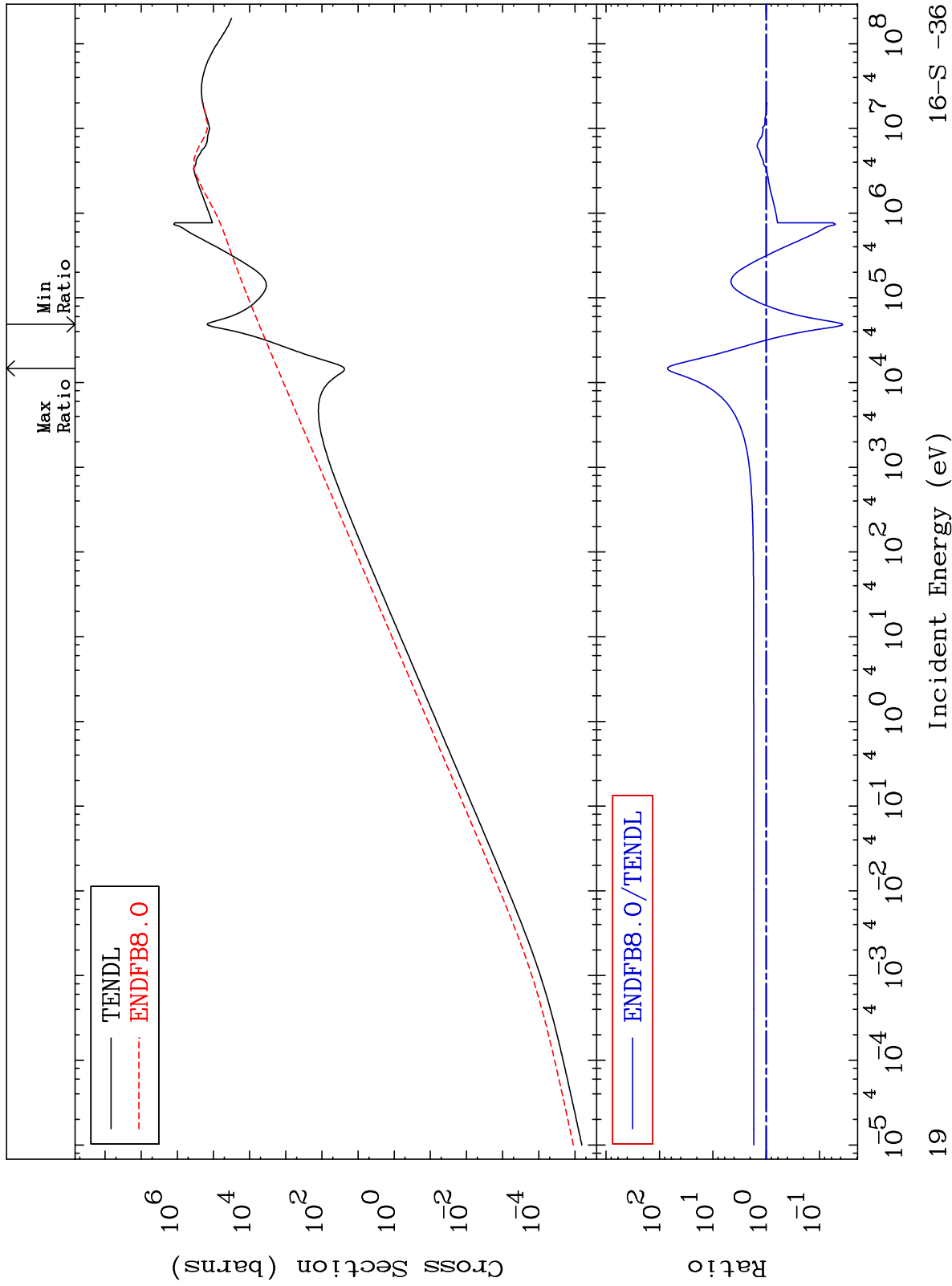
18

16-S -36

MAT 1637

Kerma elastic
Cross Section

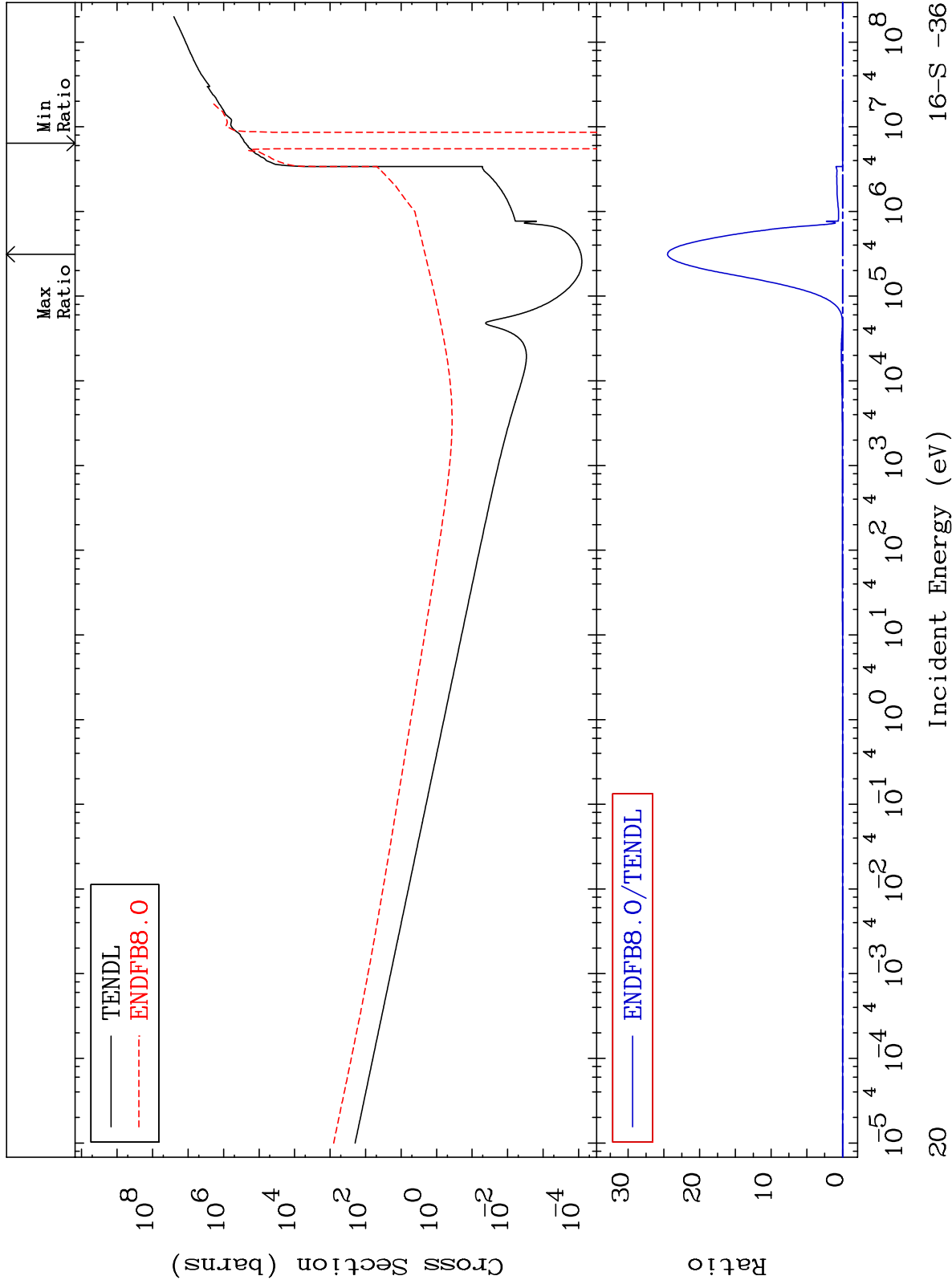
16-S -36
-96.31 To 6952. %



MAT 1637

Kerma non-elastic (all but mt2)
Cross Section

16-S -36
-1087. To 9999. %



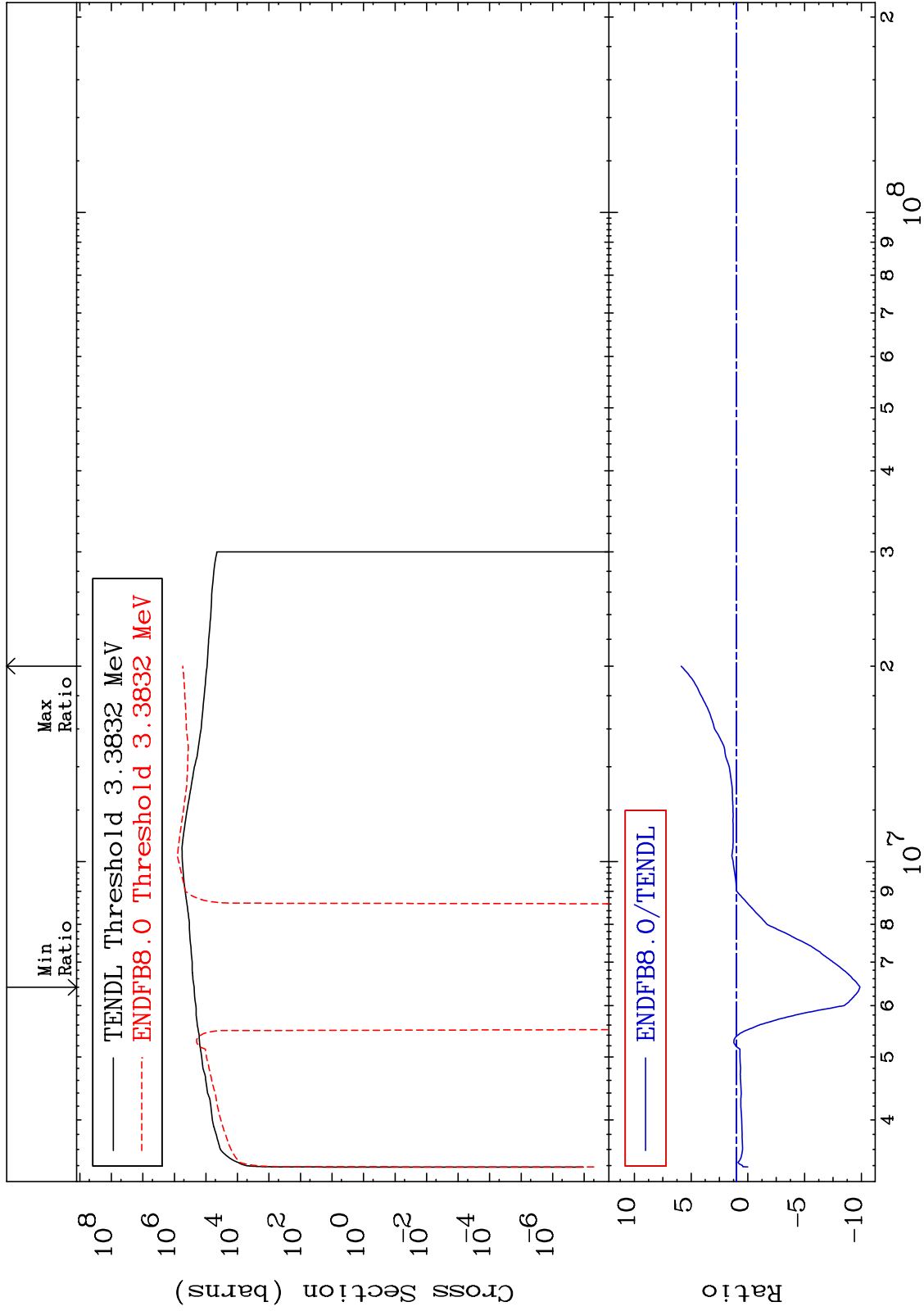
20

16-S -36

MAT 1637

Kerma inelastic (mt51-91)
Cross Section

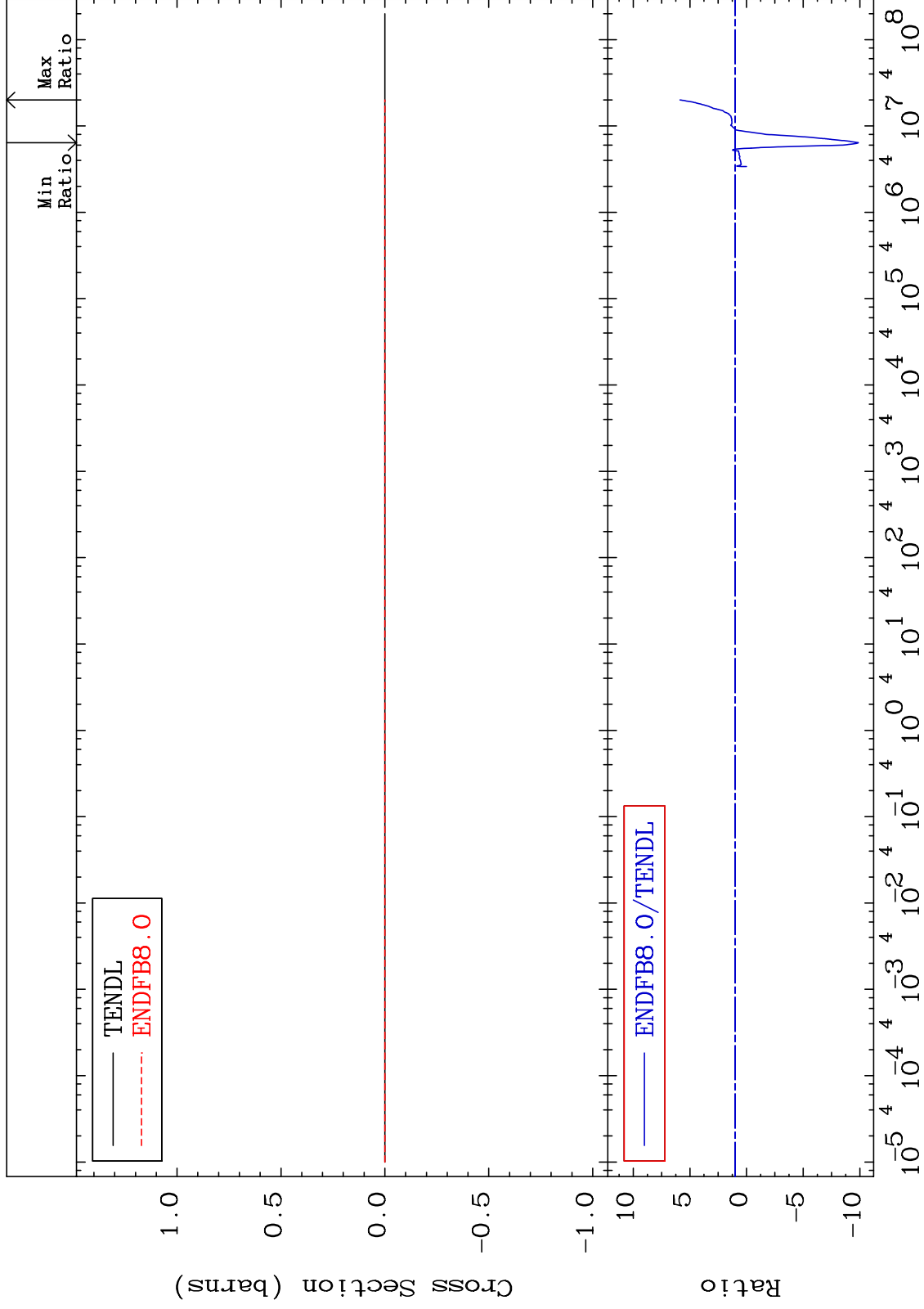
16-S -36
-1088. To 487.0 %



MAT 1637

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

16-S -36
-1088. To 487.0 %



22

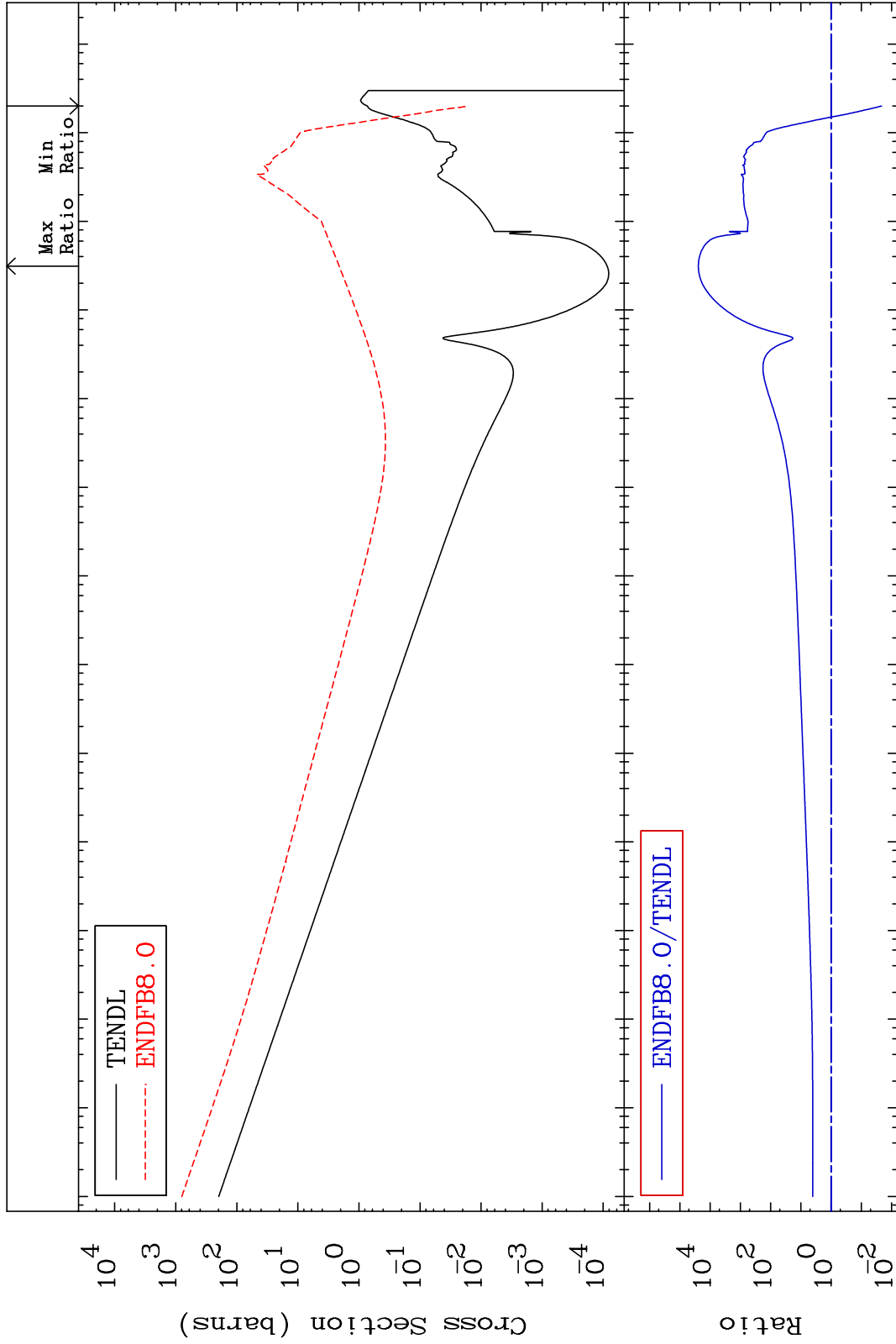
Incident Energy (eV)

16-S -36

MAT 1637

Kerma capture (mt102)
Cross Section

16-S -36
-97.84 To 9999. %



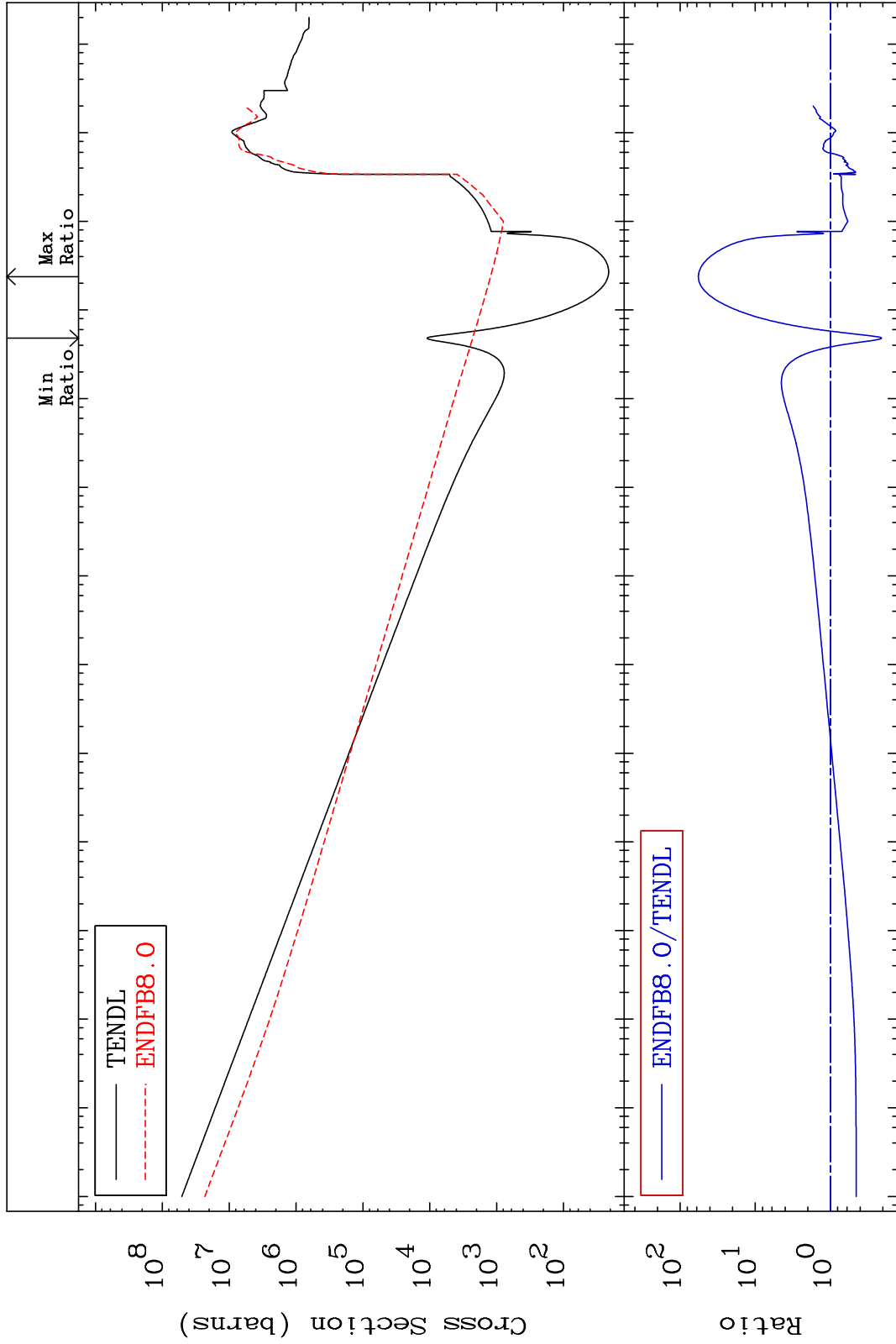
23

16-S -36

MAT 1637

Total photon (eV-barns)
Cross Section

16-S -36
-79.15 To 5607. %



24

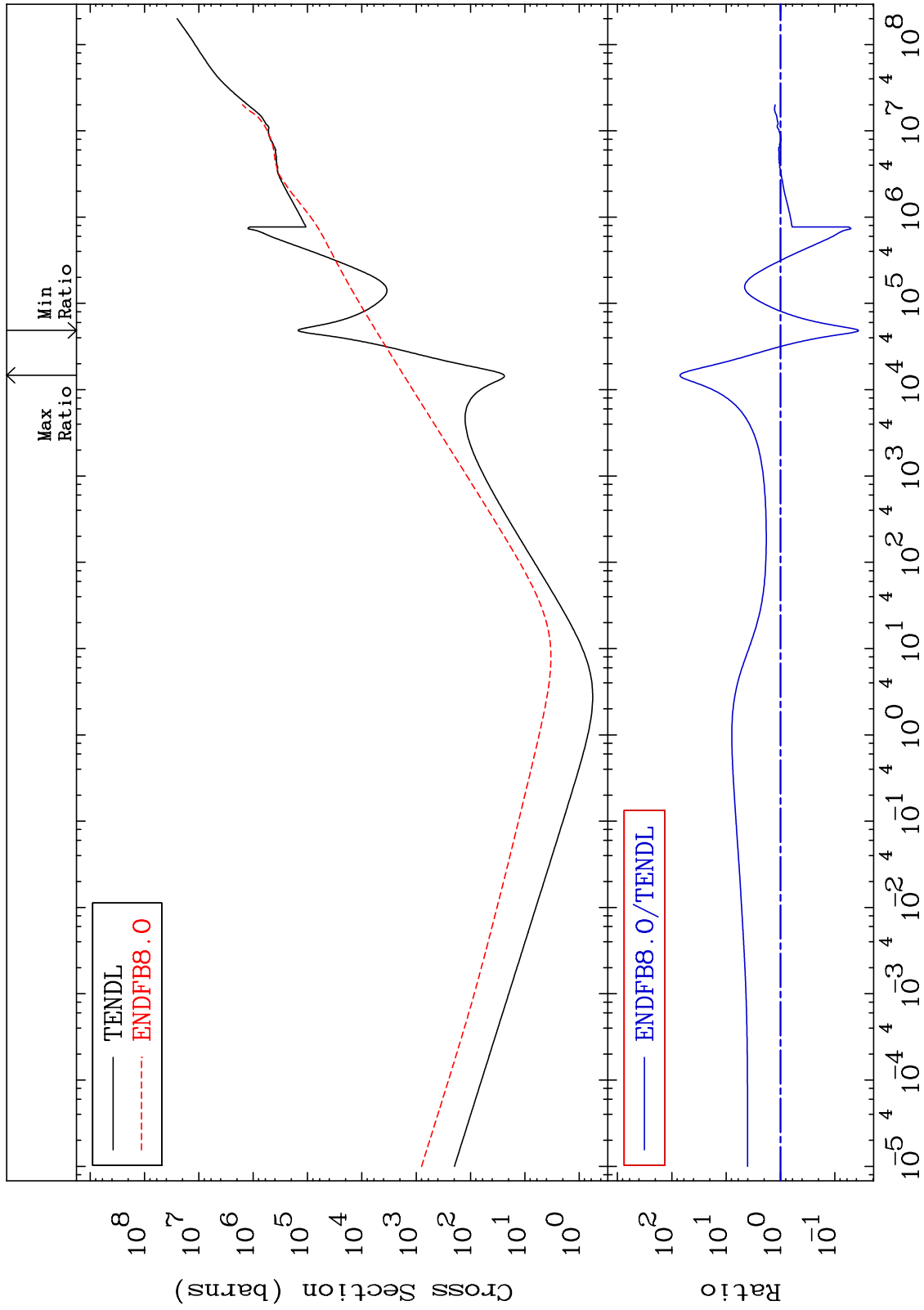
Incident Energy (eV)

16-S -36

MAT 1637

Total kinematic kerma (high limit)
Cross Section

16-S -36
-96.31 To 6953. %



25

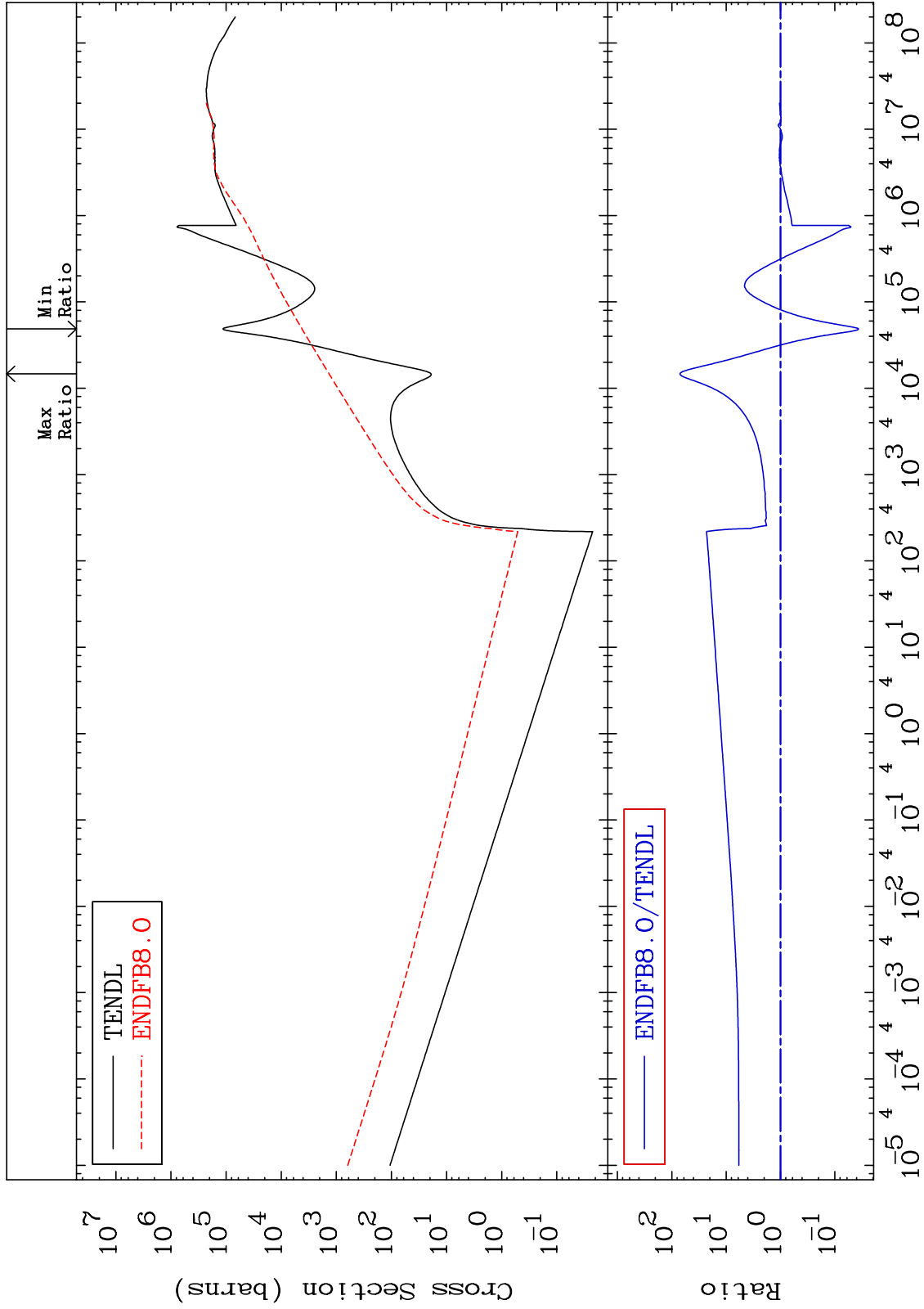
Incident Energy (eV)

16-S -36

MAT 1637

Dpa total (eV-barns)
Cross Section

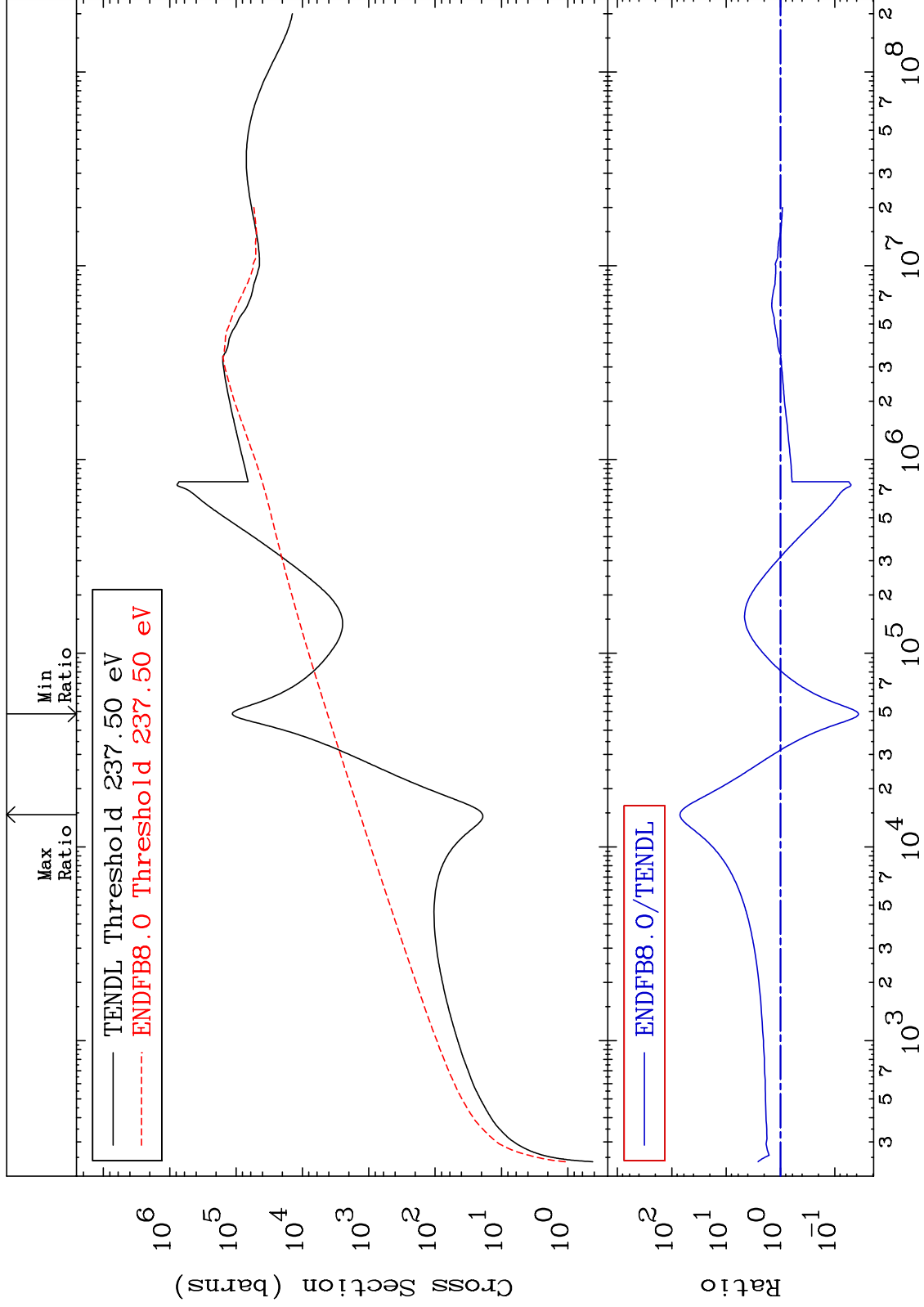
16-S -36
-96.31 To 6952. %



MAT 1637

Dpa elastic (mt2)
Cross Section

16-S -36
-96.31 To 6952. %



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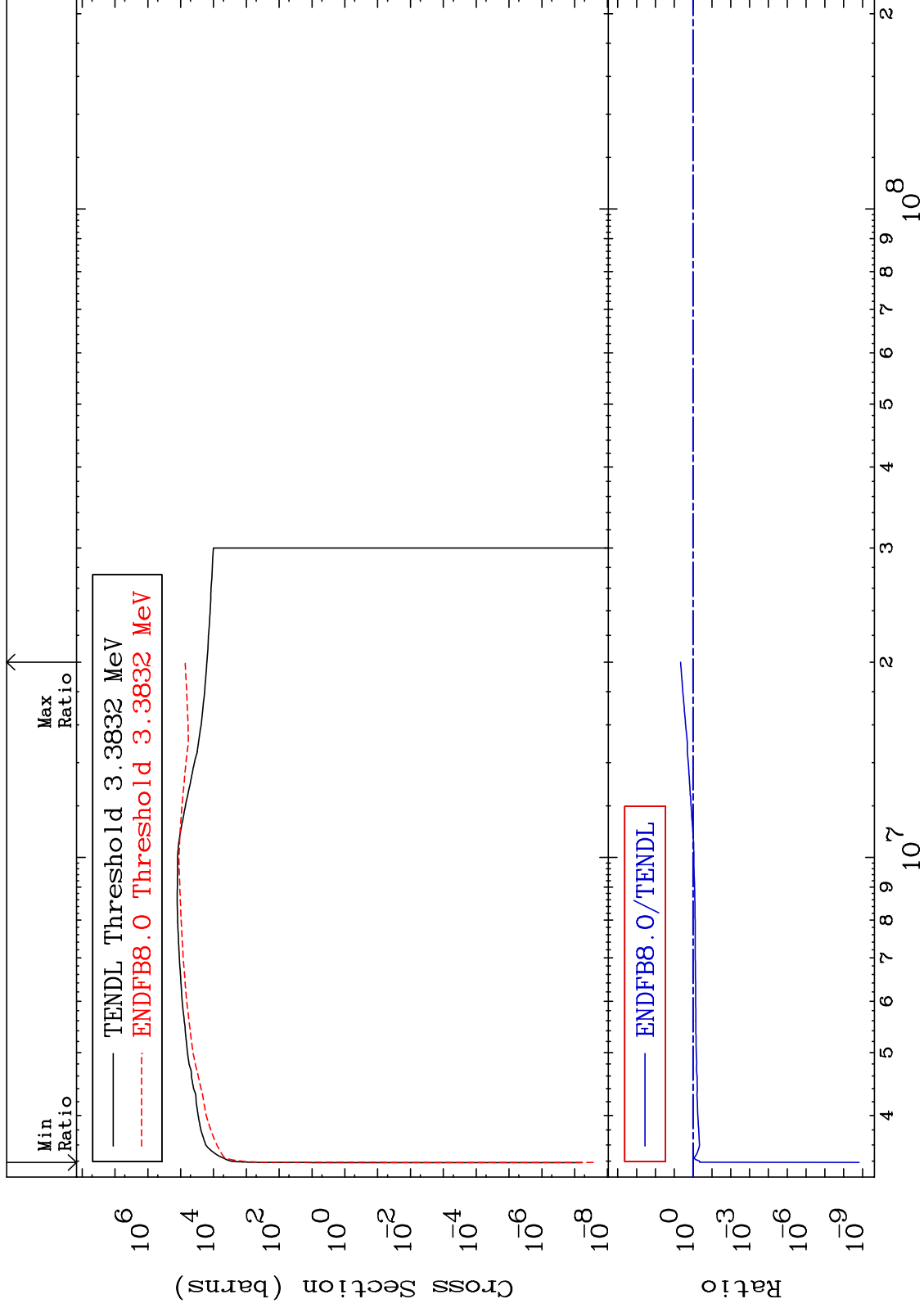
Incident Energy (eV)

16-S -36

MAT 1637

Dpa inelastic (mt51-91)
Cross Section

16-S -36
-100.0 To 359.2 %



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Incident Energy (eV)

16-S -36

MAT 1637

Dpa disappearance (mt102 -120)
Cross Section

16-S -36
-8.096 To 9999. %

