

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

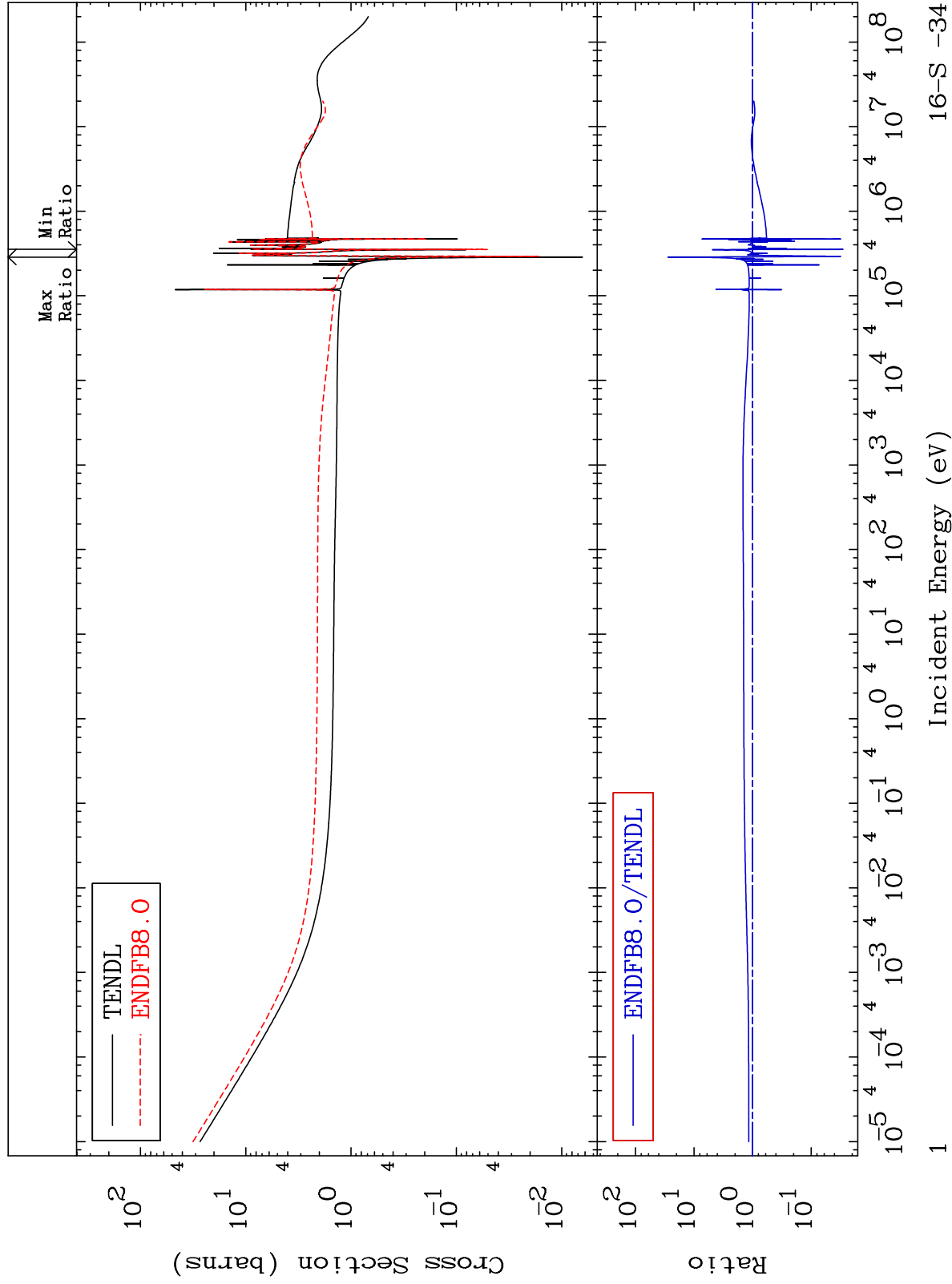
MAT 1631

Total

16-S -34

Cross Section

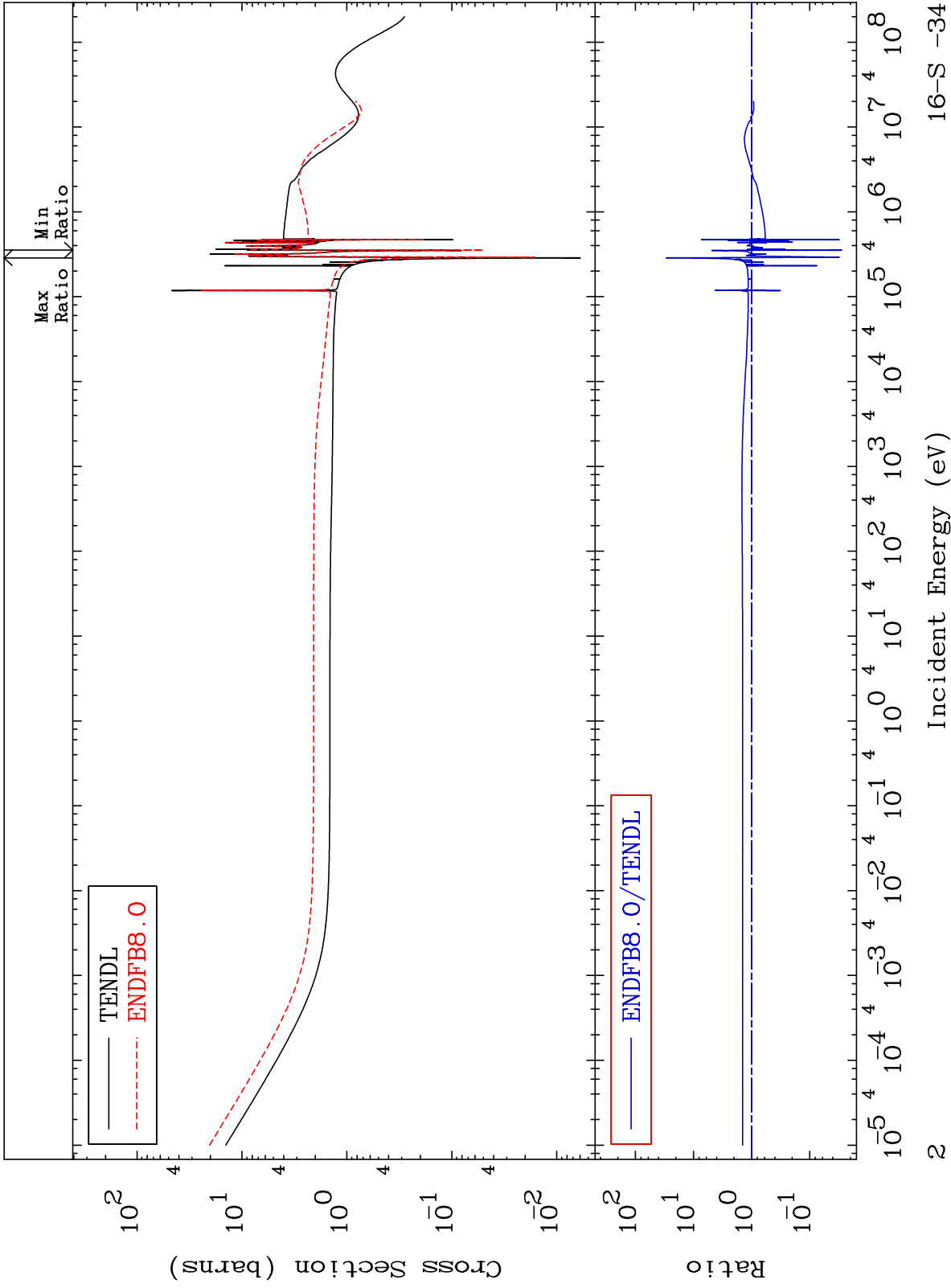
-97.11 To 2682. %



MAT 1631

Elastic
Cross Section

16-S -34
-97.16 To 2857. %



Incident Energy (eV)

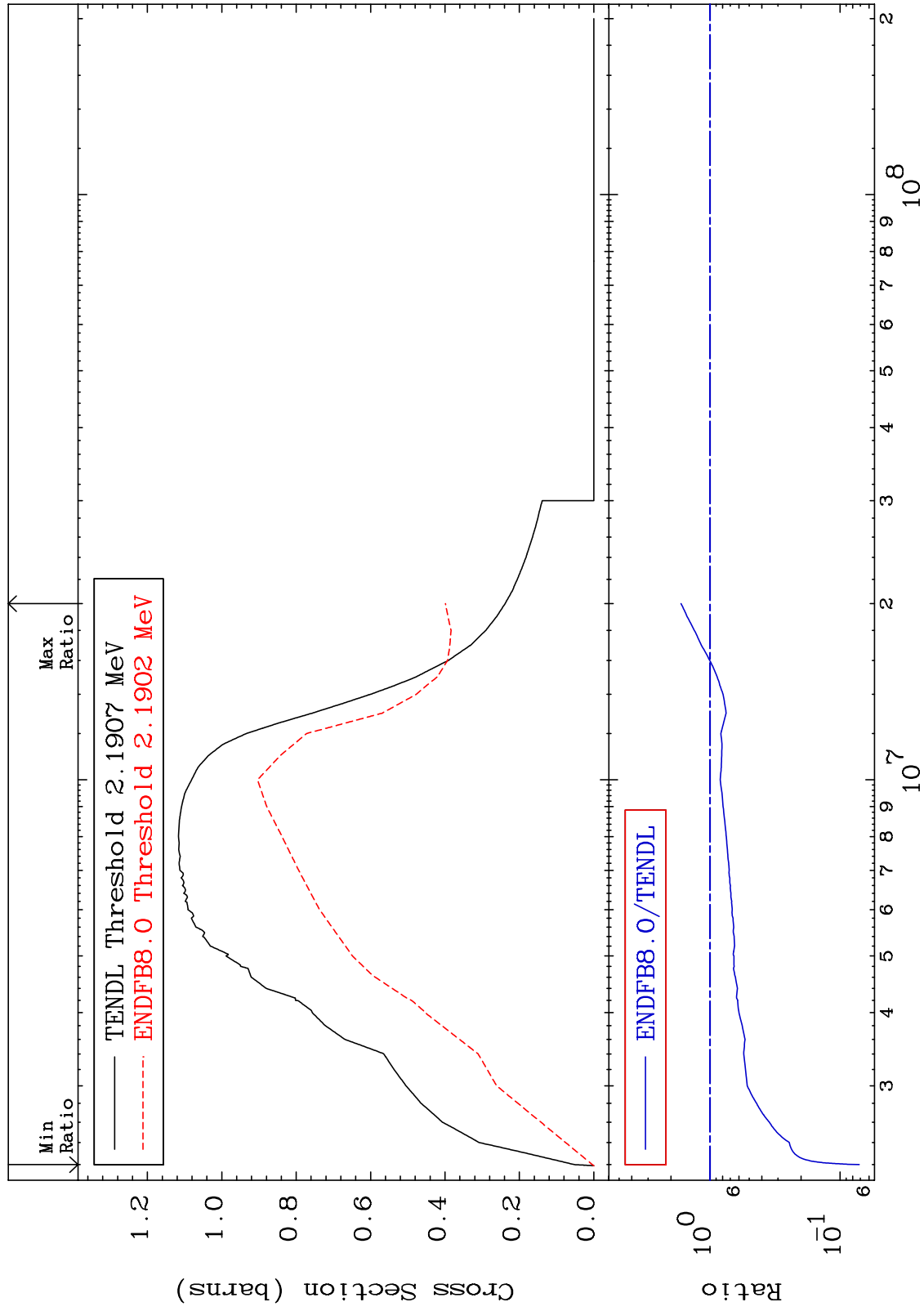
16-S -34

2

MAT 1631

Inelastic
Cross Section

16-S -34
-92.88 To 67.18 %



3

Incident Energy (eV)

16-S -34

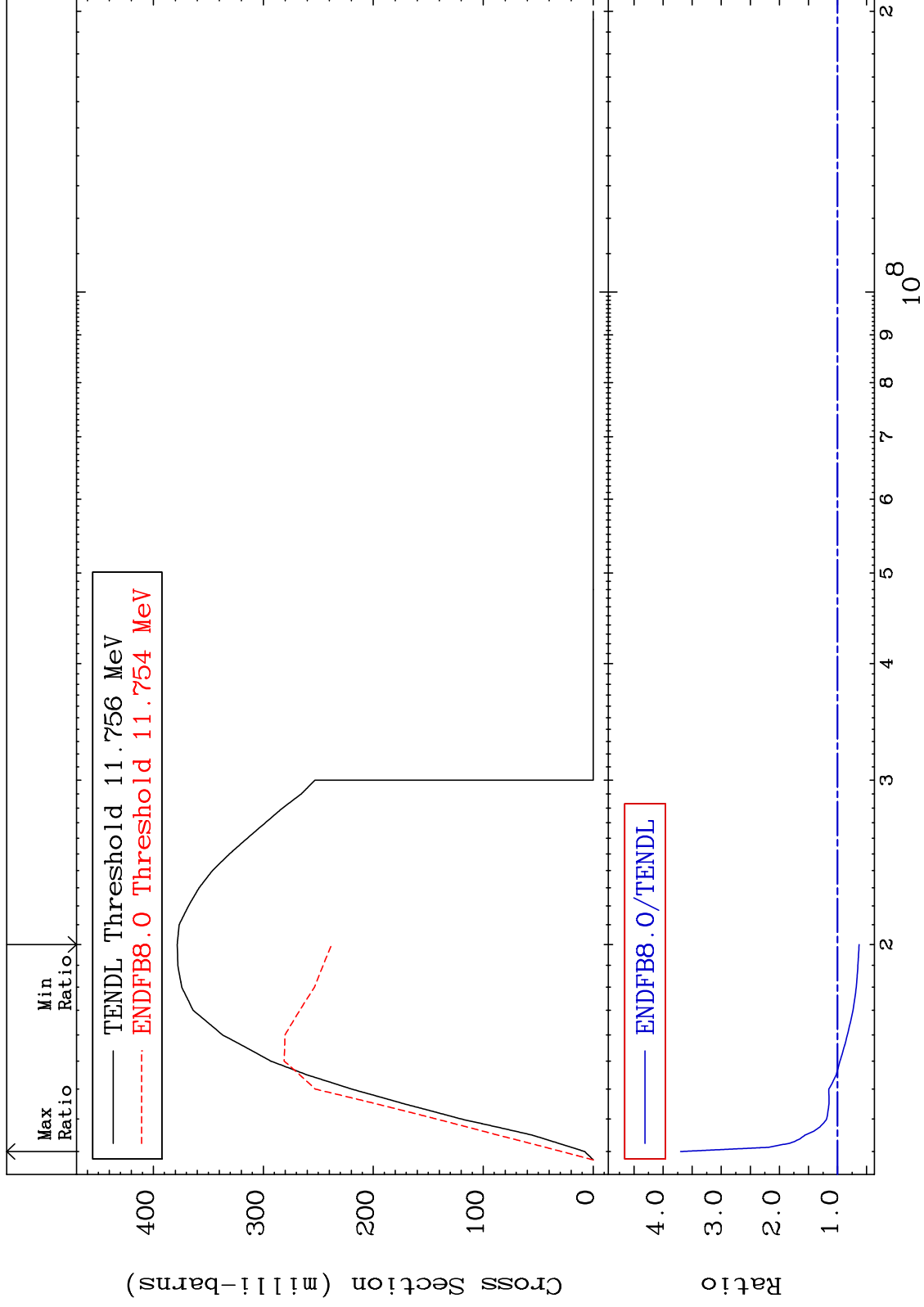
MAT 1631

(n,2n)

16-S -34

Cross Section

-37.14 To 269.8 %



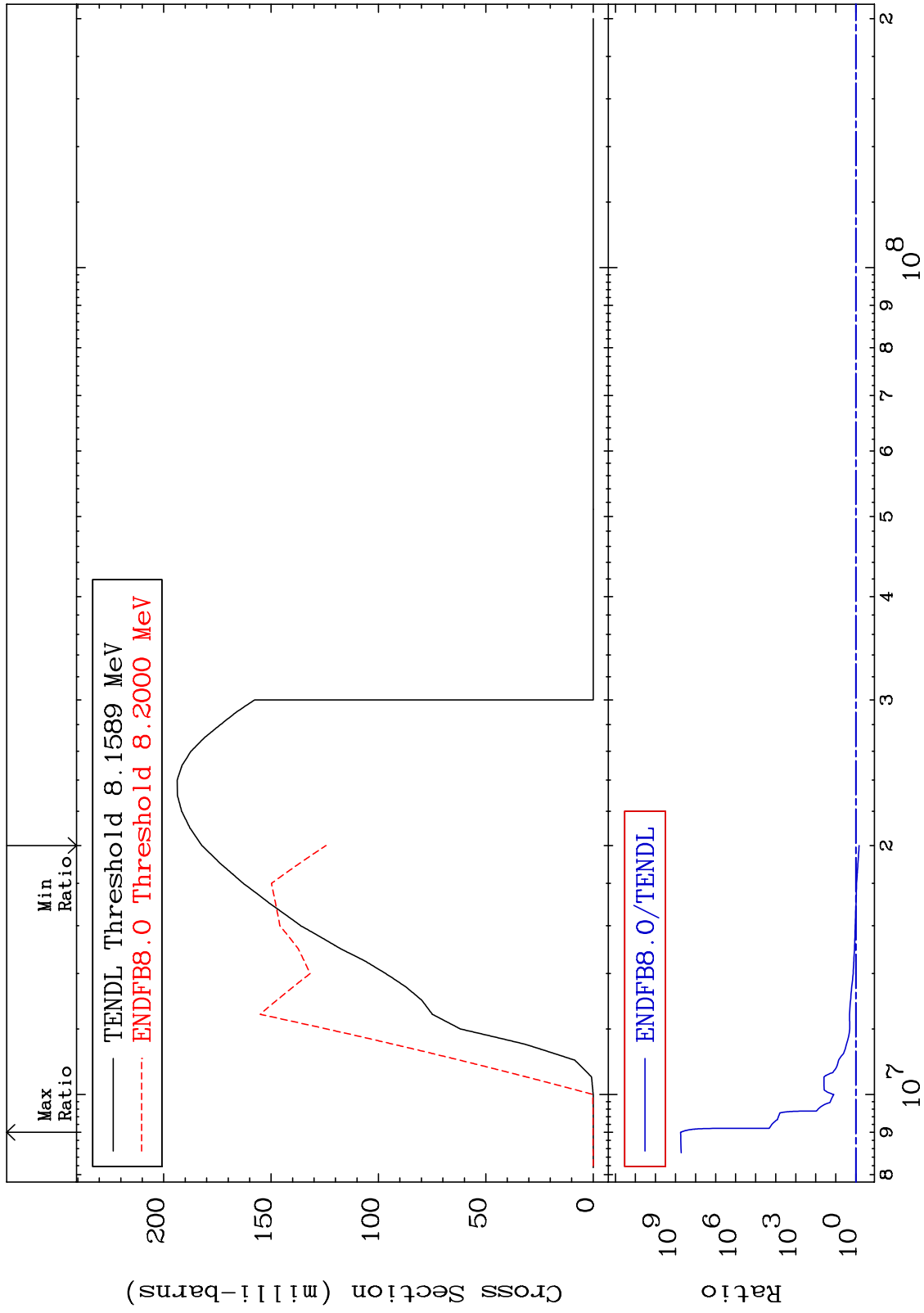
MAT 1631

(n,n') α

16-S -34

Cross Section

-31.72 To 9999. %



16-S -34

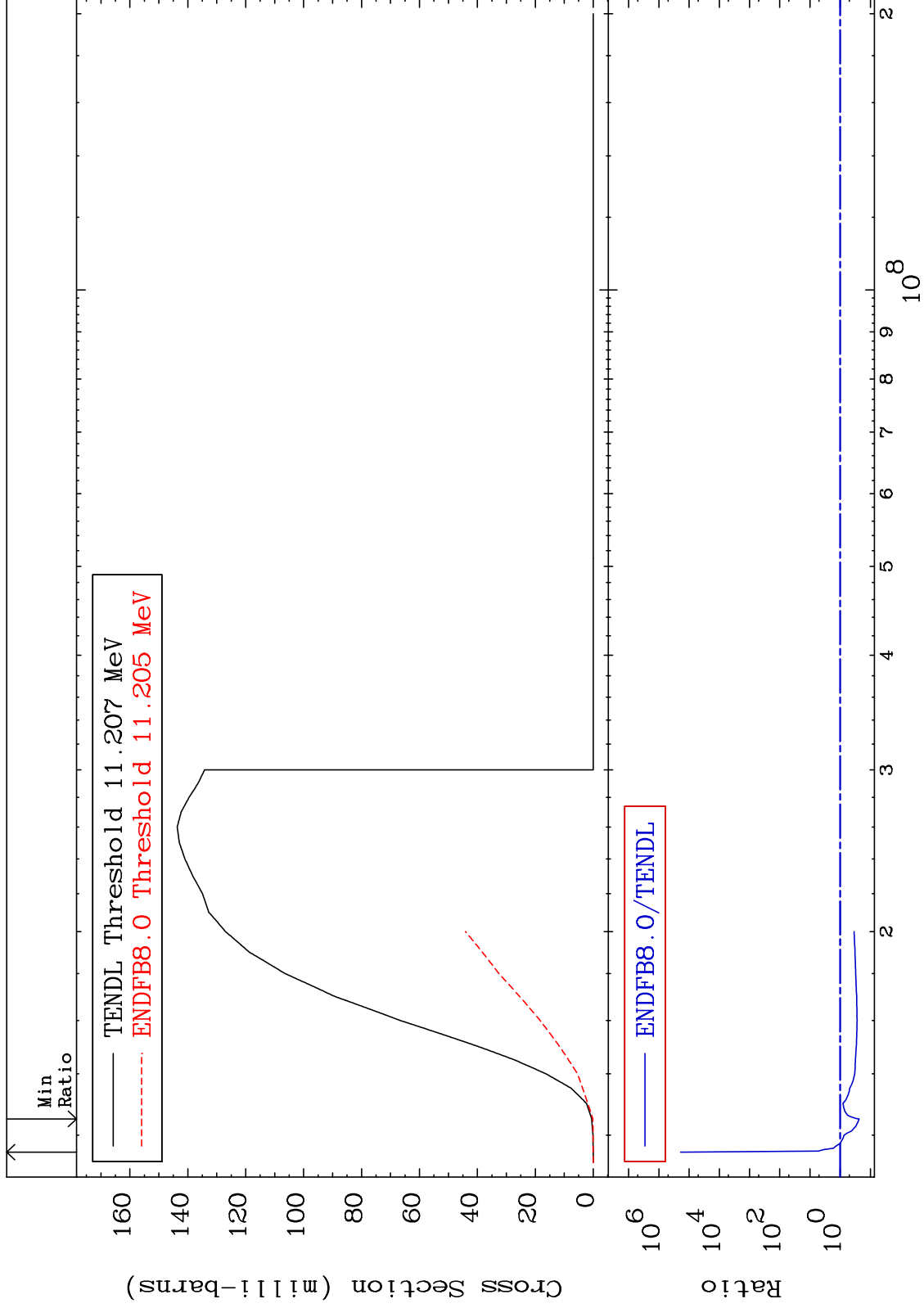
Incident Energy (eV)

5

MAT 1631

(n,n') p
Cross Section

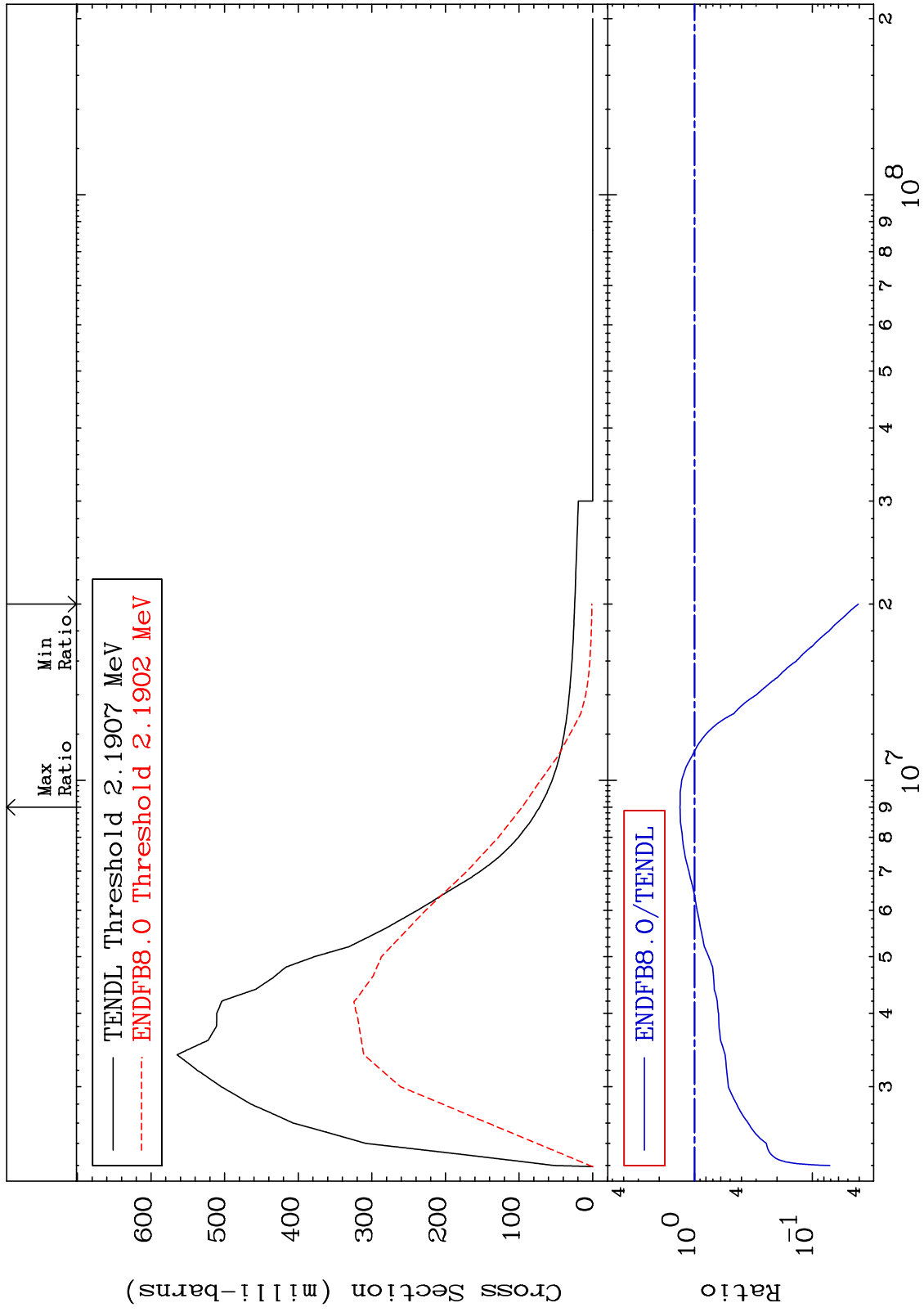
16-S -34
-76.50 To 9999. %



MAT 1631

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

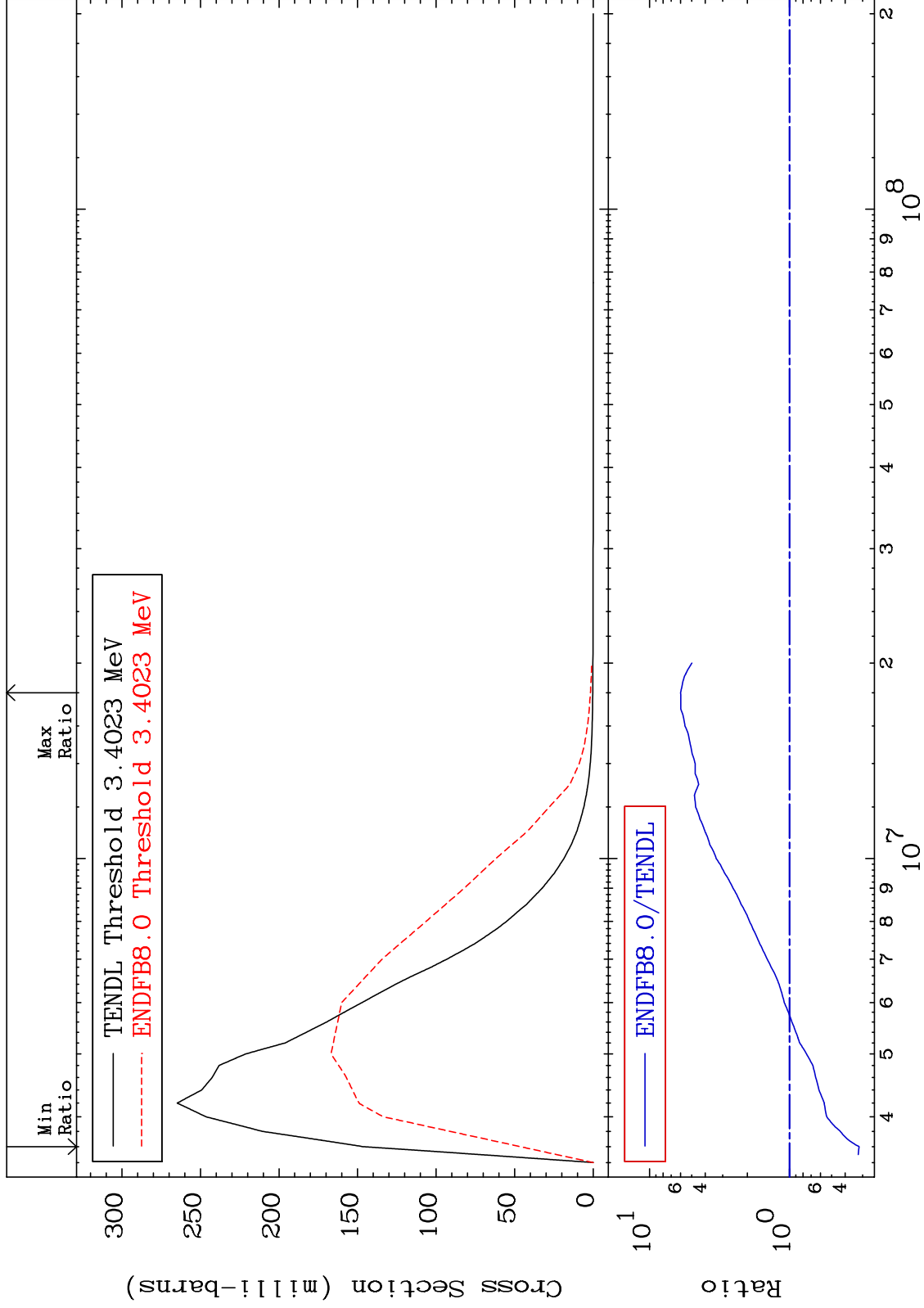
16-S -34
-95.93 To 32.94 %



MAT 1631

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

16-S -34
-68.28 To 499.4 %



8

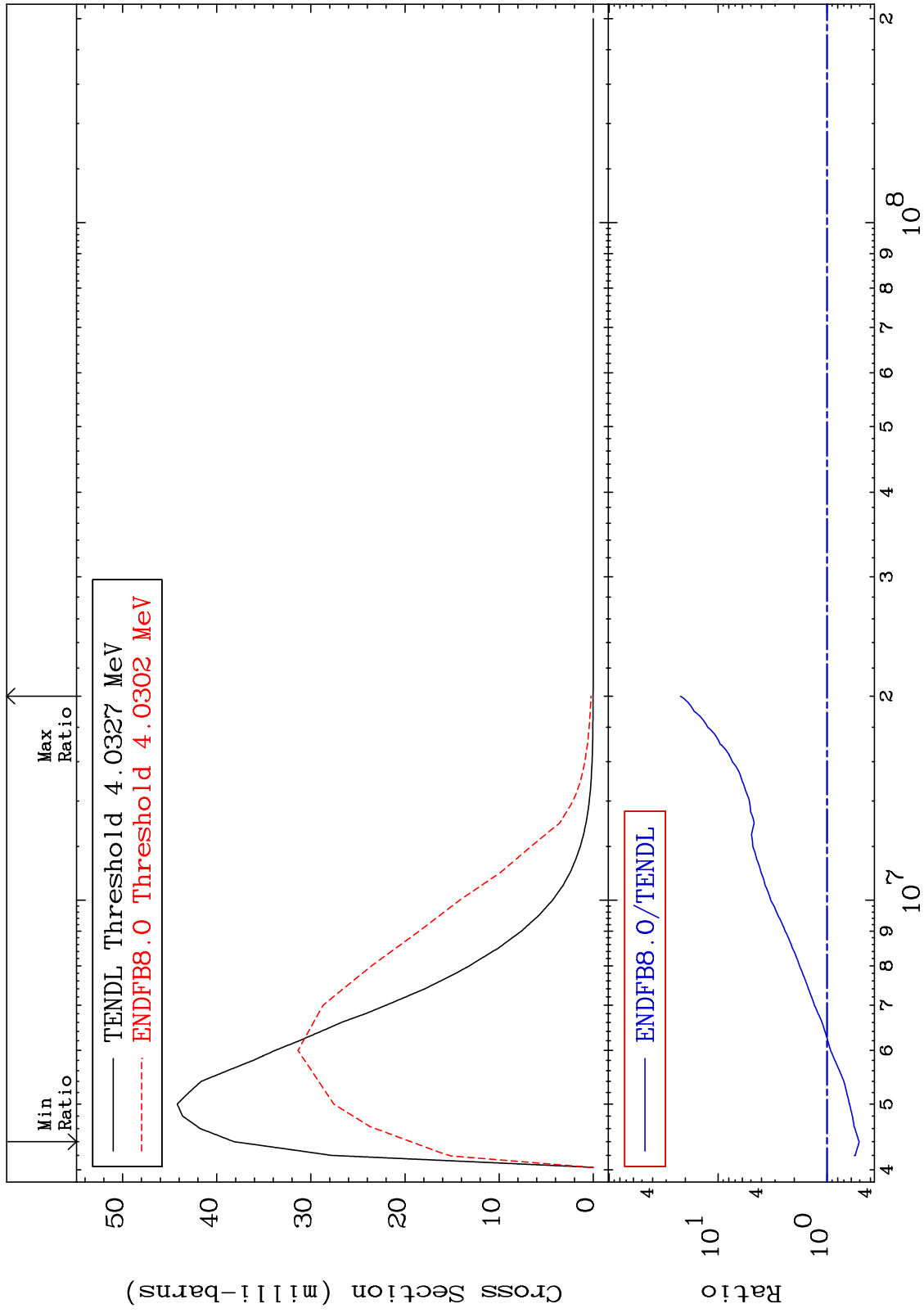
Incident Energy (eV)

16-S -34

MAT 1631

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

16-S -34
-49.26 To 2111. %



9

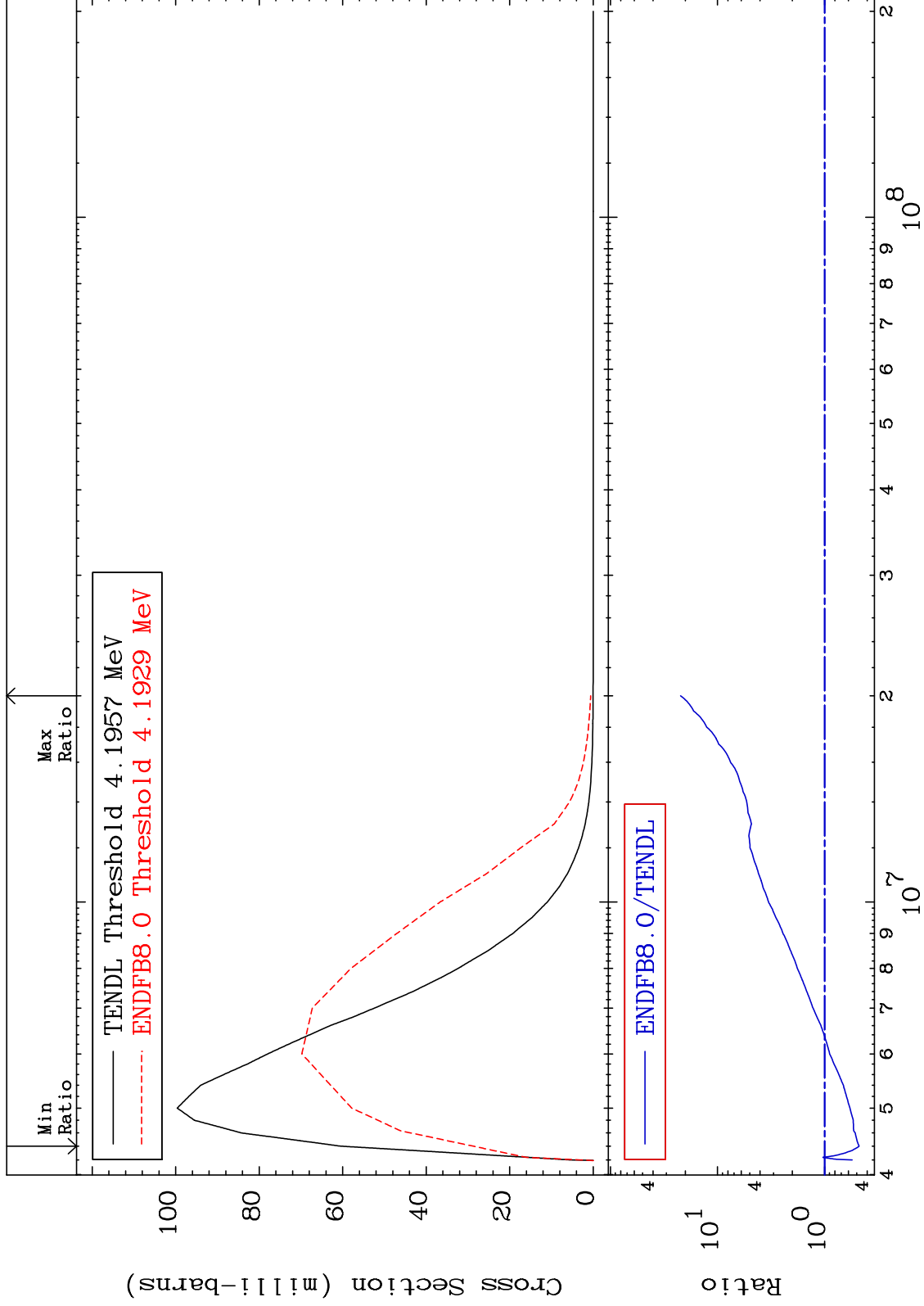
Incident Energy (eV)

16-S -34

MAT 1631

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

16-S -34
-52.46 To 2110. %



10

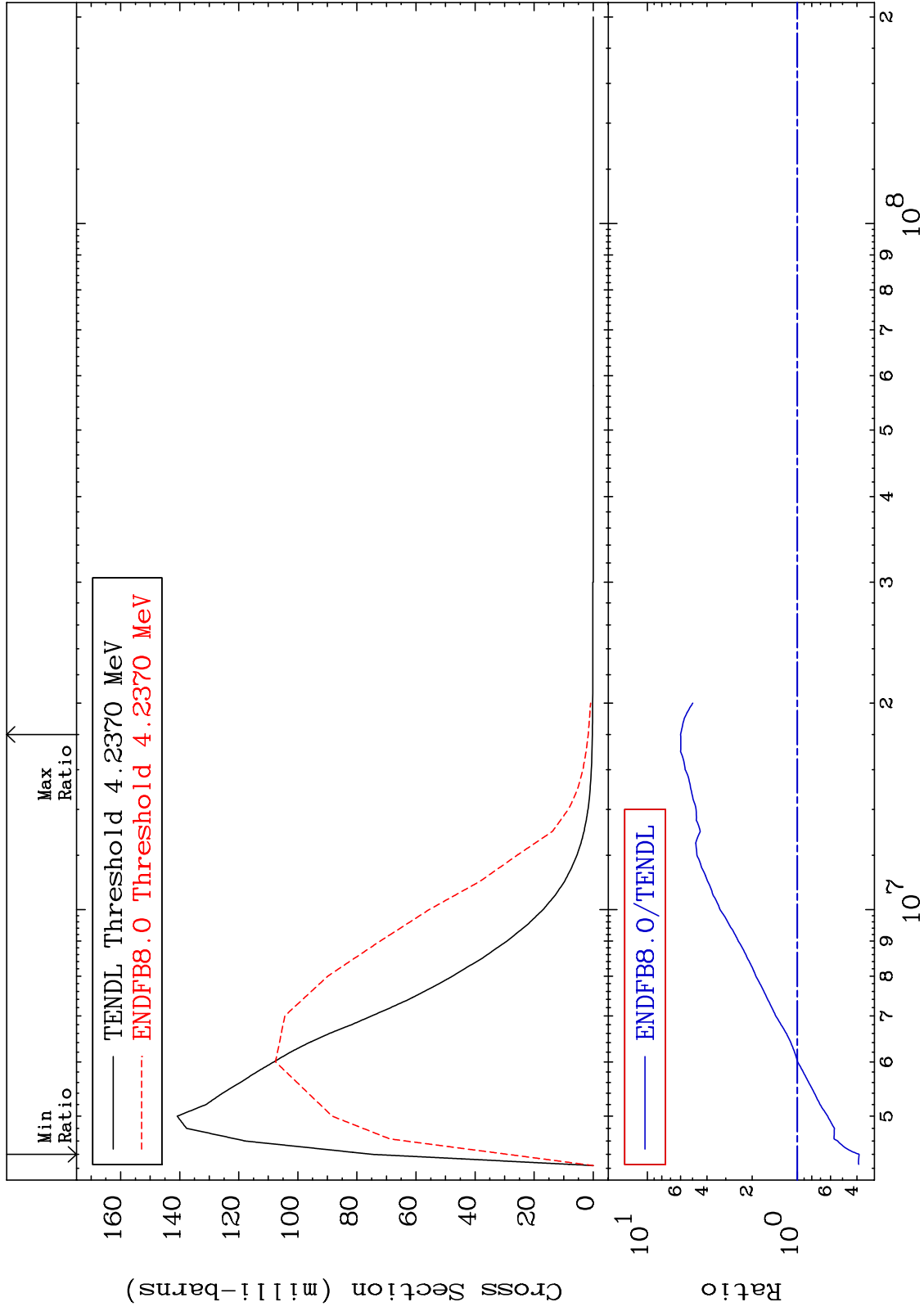
Incident Energy (eV)

16-S -34

MAT 1631

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

16-S -34
-61.32 To 499.6 %



11

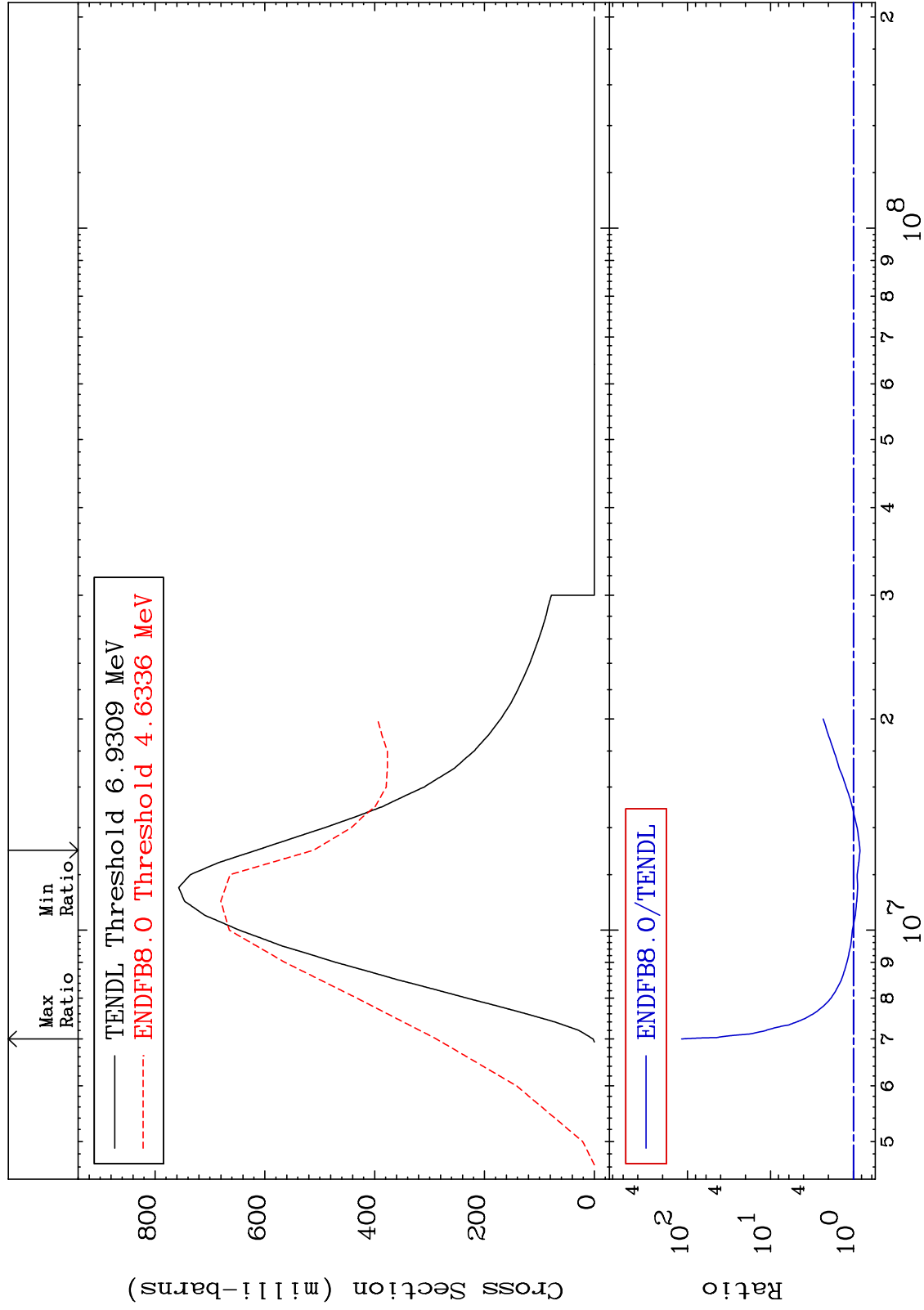
Incident Energy (eV)

16-S -34

MAT 1631

(n,n') Continuum
Cross Section

16-S -34
-16.87 To 9999. %



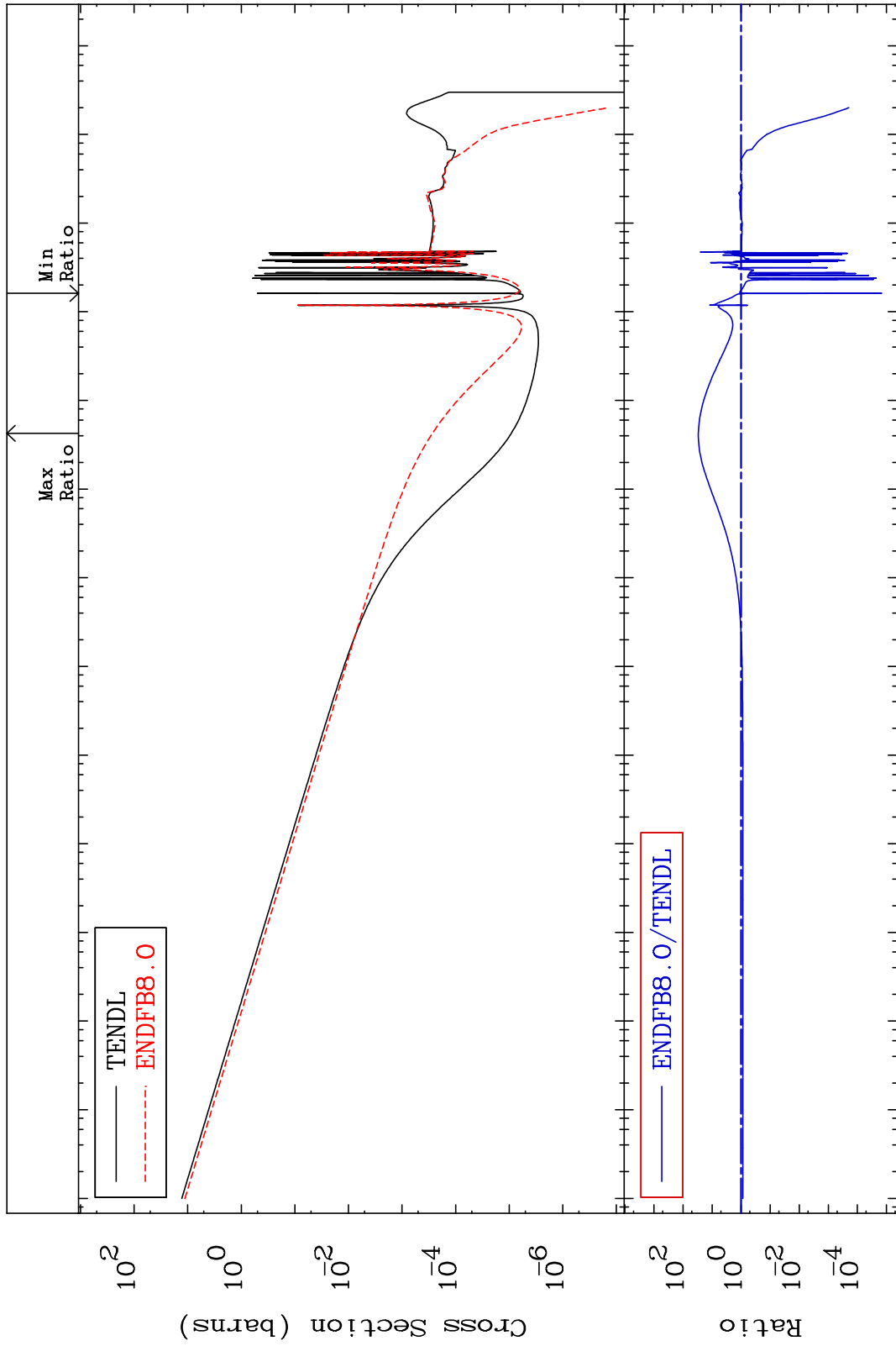
12

16-S -34

MAT 1631

(n, γ)
Cross Section

16-S -34
-100.0 To 2869. %



Incident Energy (eV)

16-S -34

13

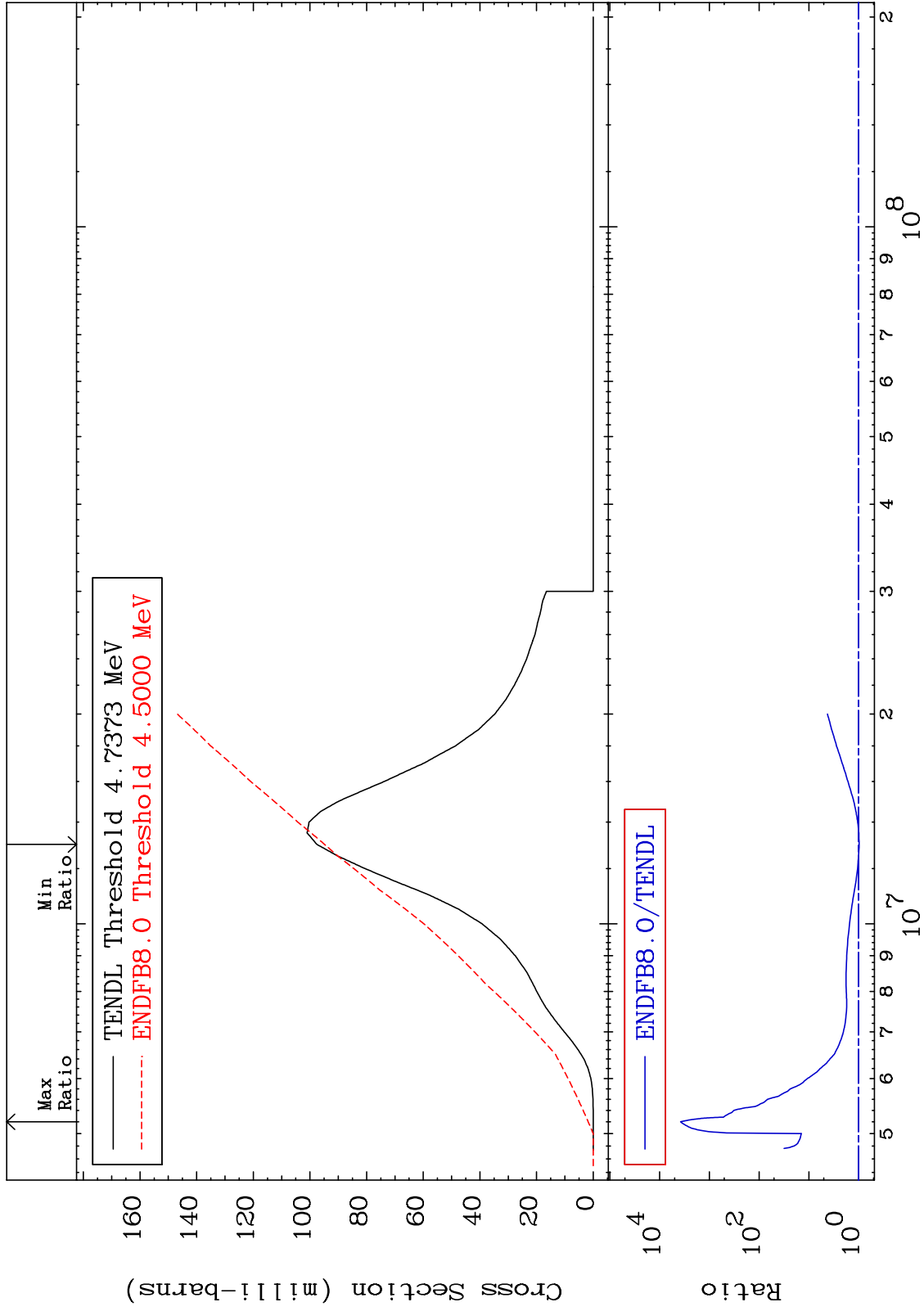
MAT 1631

(n,p)

16-S -34

Cross Section

-2.805 To 9999. %



14

Incident Energy (eV)

16-S -34

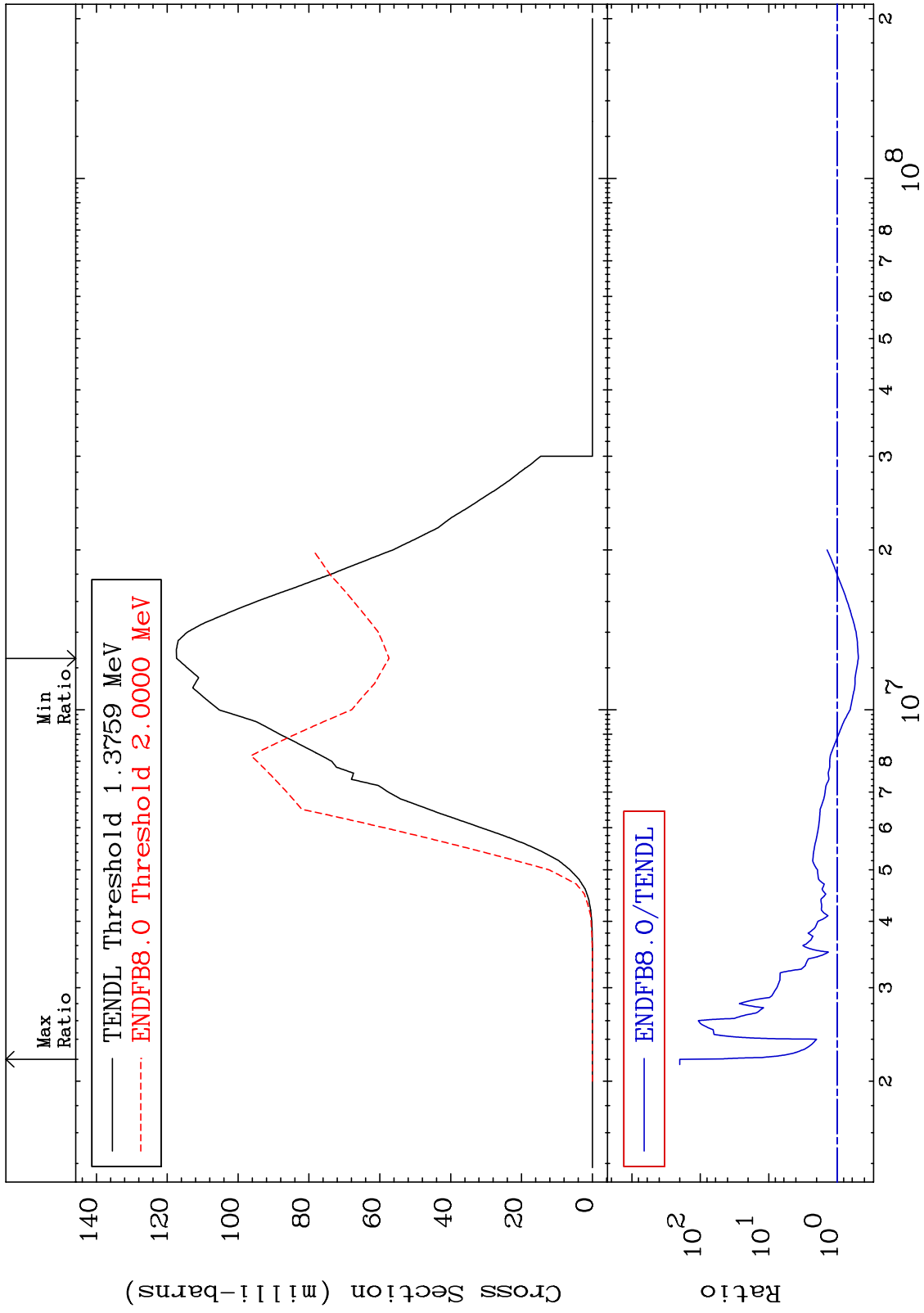
MAT 1631

(n, α)

16-S -34

-51.11 To 9999. %

Cross Section



15

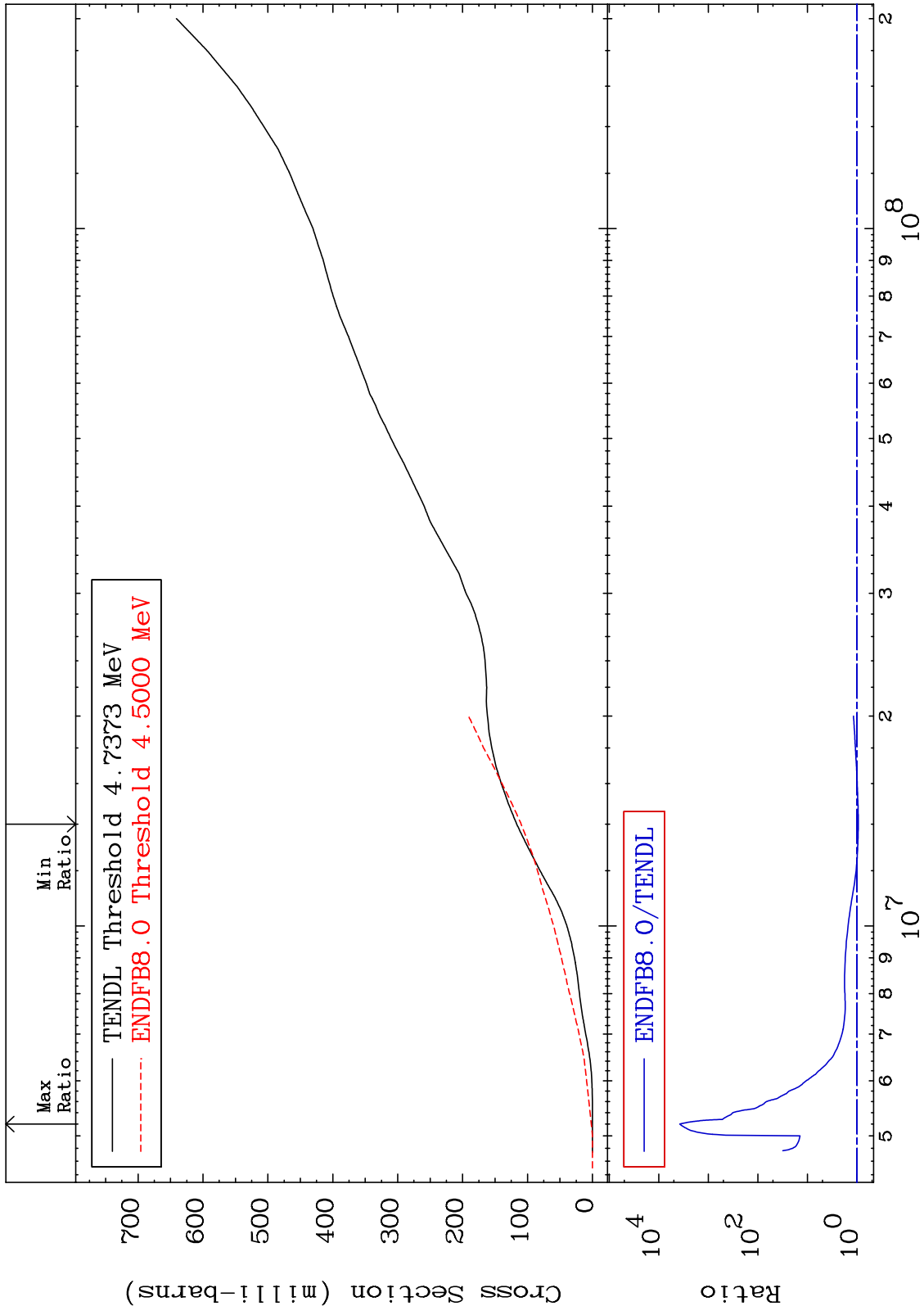
16-S -34

16-S -34

MAT 1631

Hydrogen Production
Cross Section

16-S -34
-5.916 To 9999. %



16

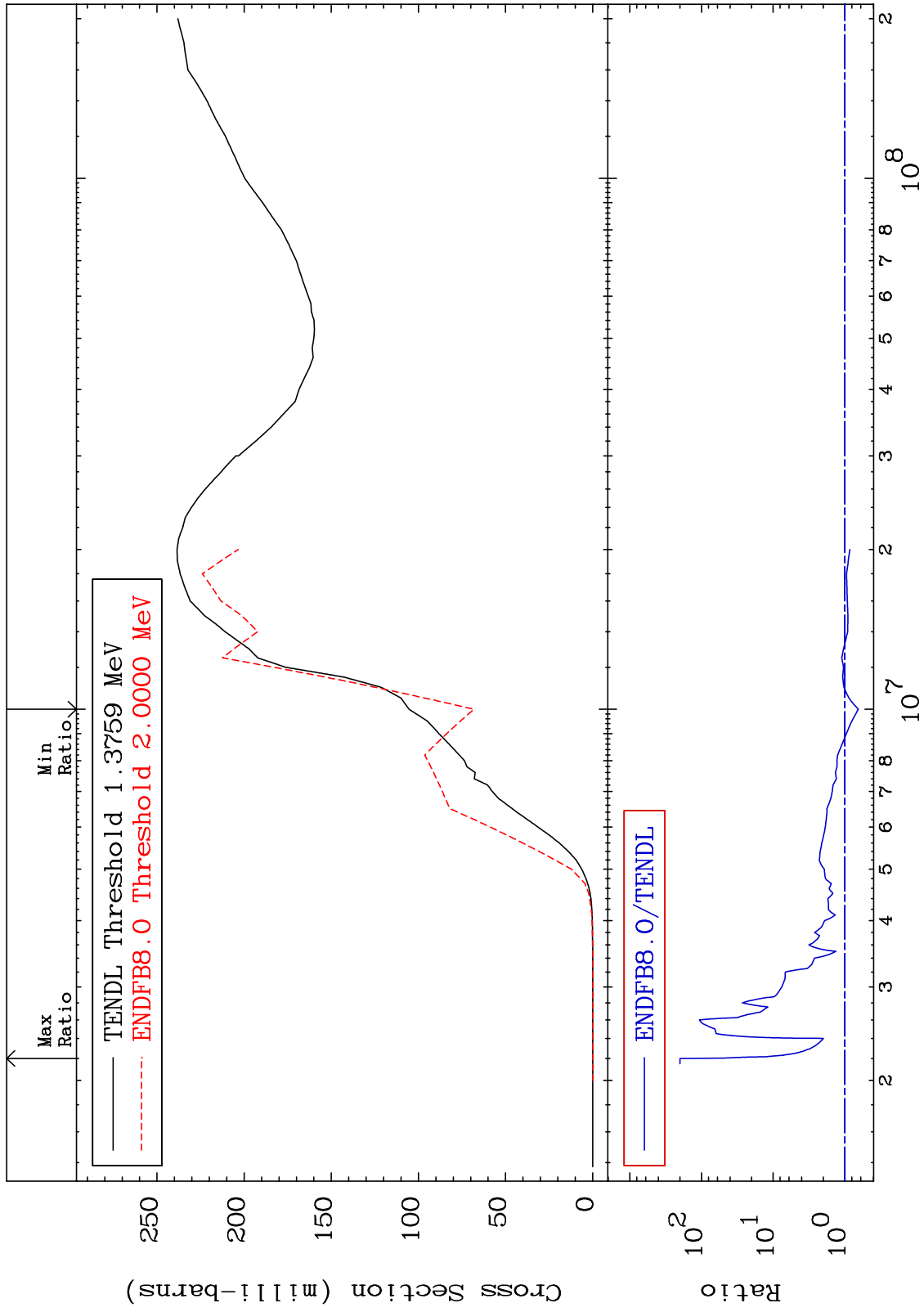
Incident Energy (eV)

16-S -34

MAT 1631

He-4 Production
Cross Section

16-S -34
-35.39 To 9999. %



17

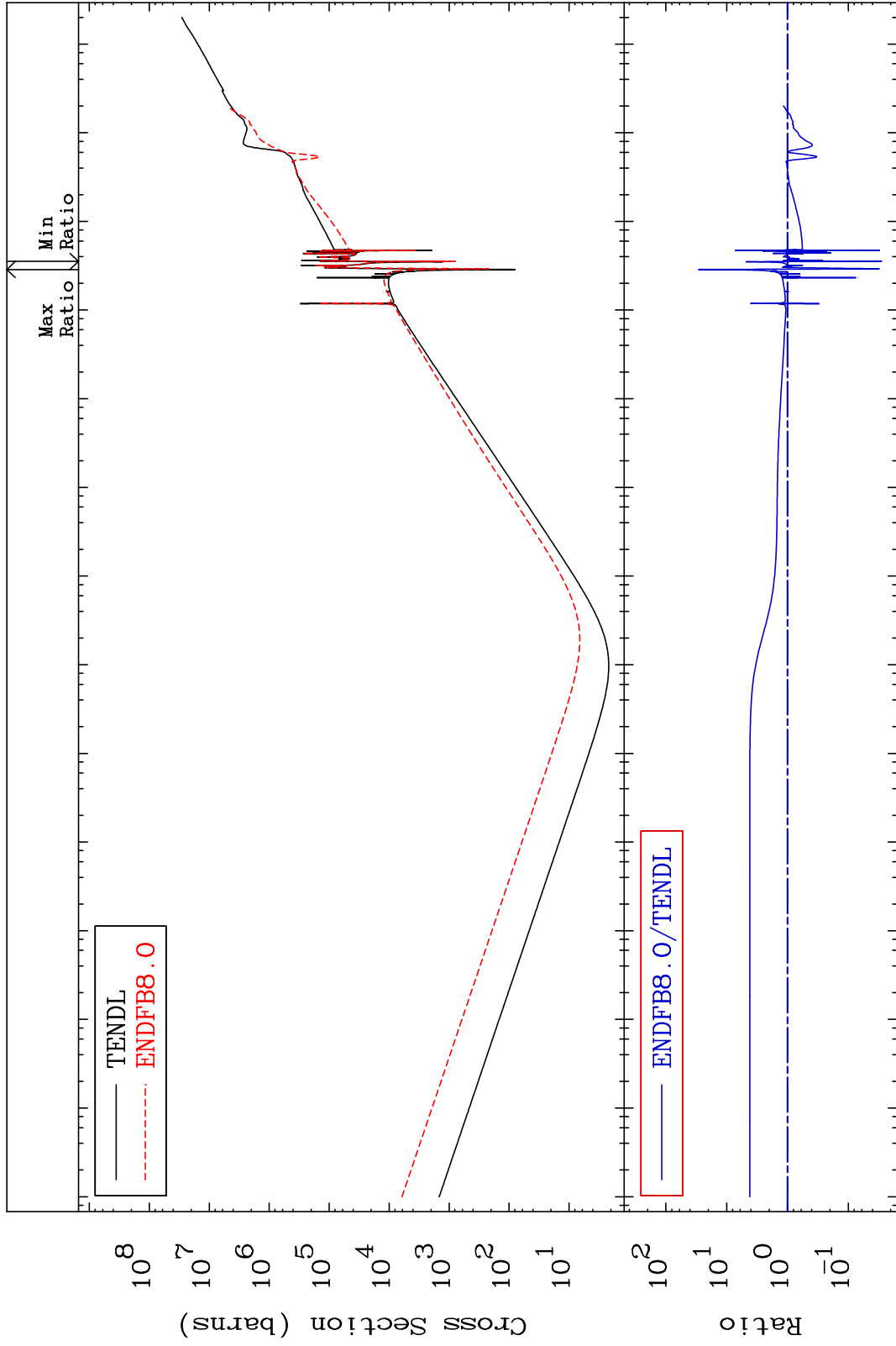
Incident Energy (eV)

16-S -34

MAT 1631

Kerma total (eV-barns)
Cross Section

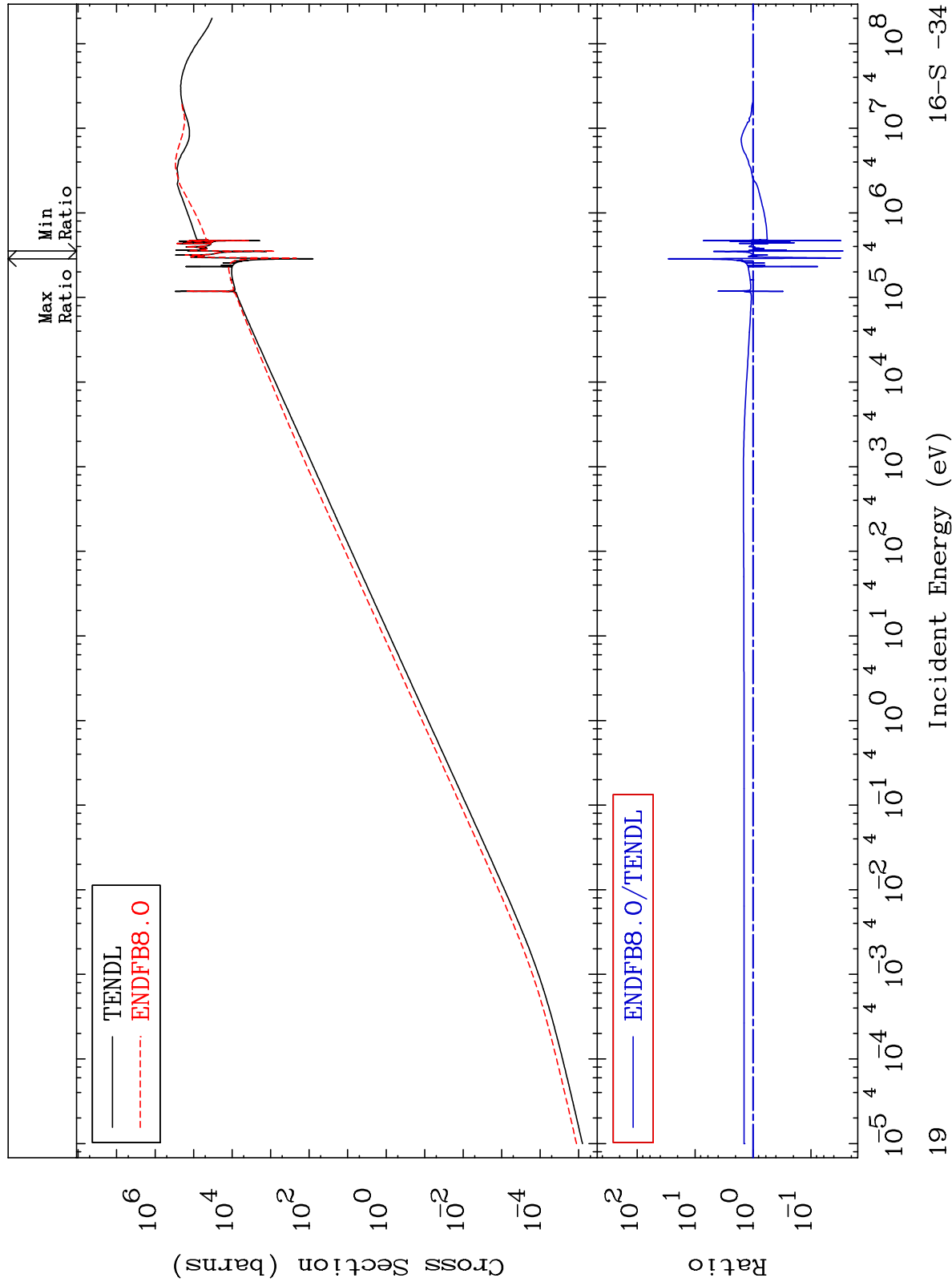
16-S -34
-97.16 To 2827. %



MAT 1631

Kerma elastic
Cross Section

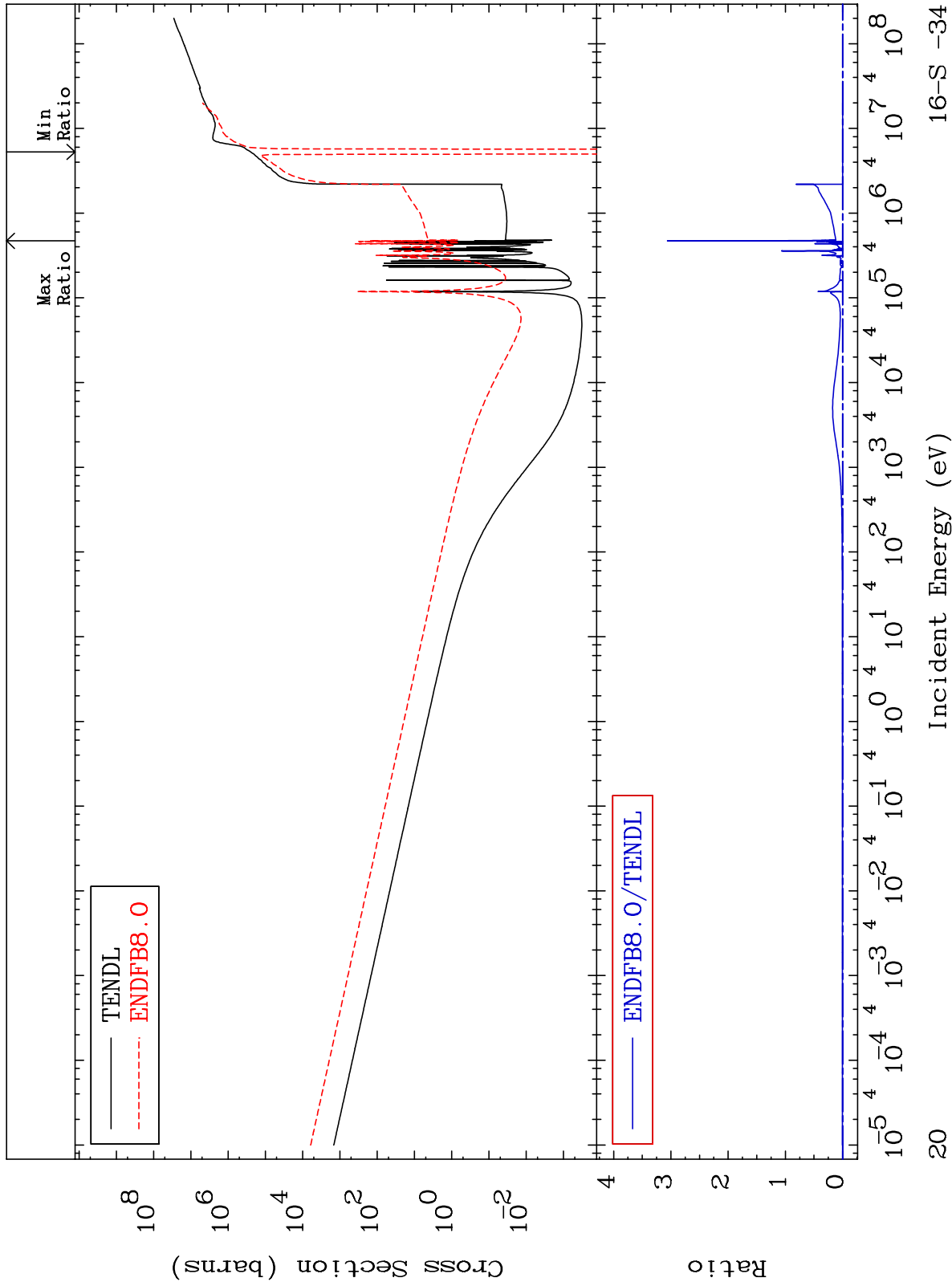
16-S -34
-97.19 To 2827. %



MAT 1631

Kerma non-elastic (all but mt2)
Cross Section

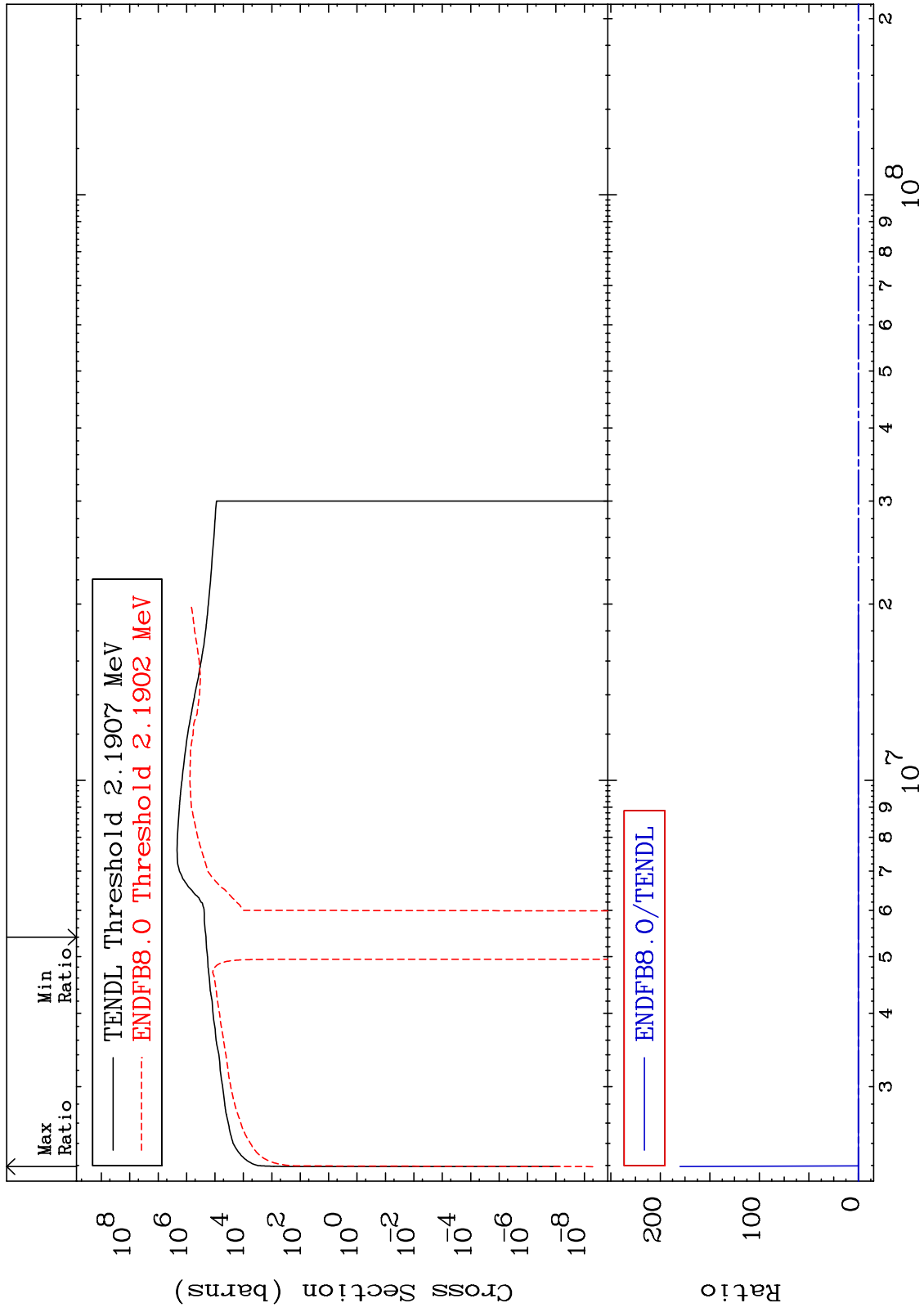
16-S -34
-147.7 To 9999. %



MAT 1631

Kerma inelastic (mt51-91)
Cross Section

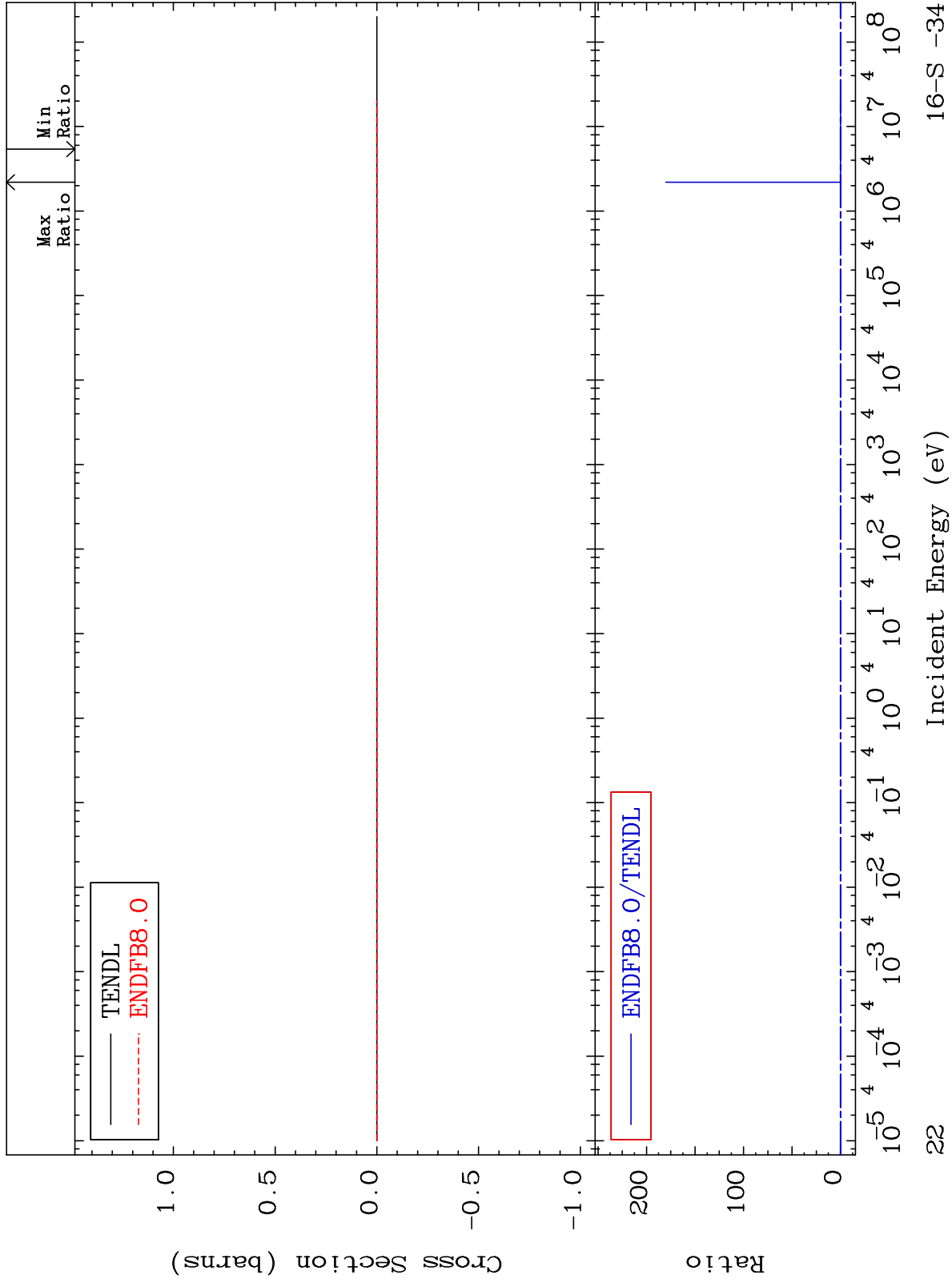
16-S -34
-215.9 To 9999. %



MAT 1631

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

16-S -34
-215.9 To 9999. %



16-S -34

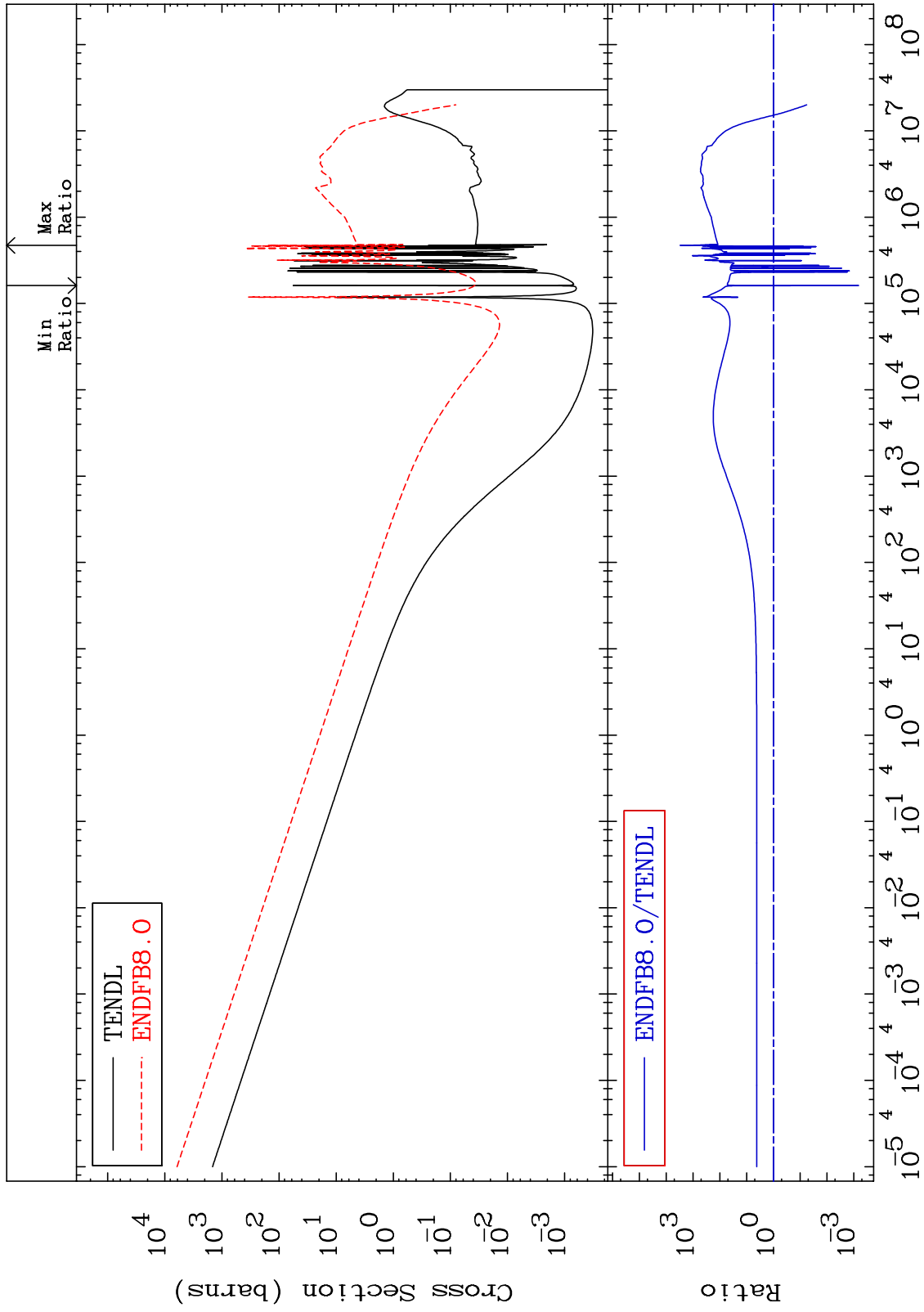
Incident Energy (eV)

22

MAT 1631

Kerma capture (mt102)
Cross Section

16-S -34
-99.93 To 9999. %



23

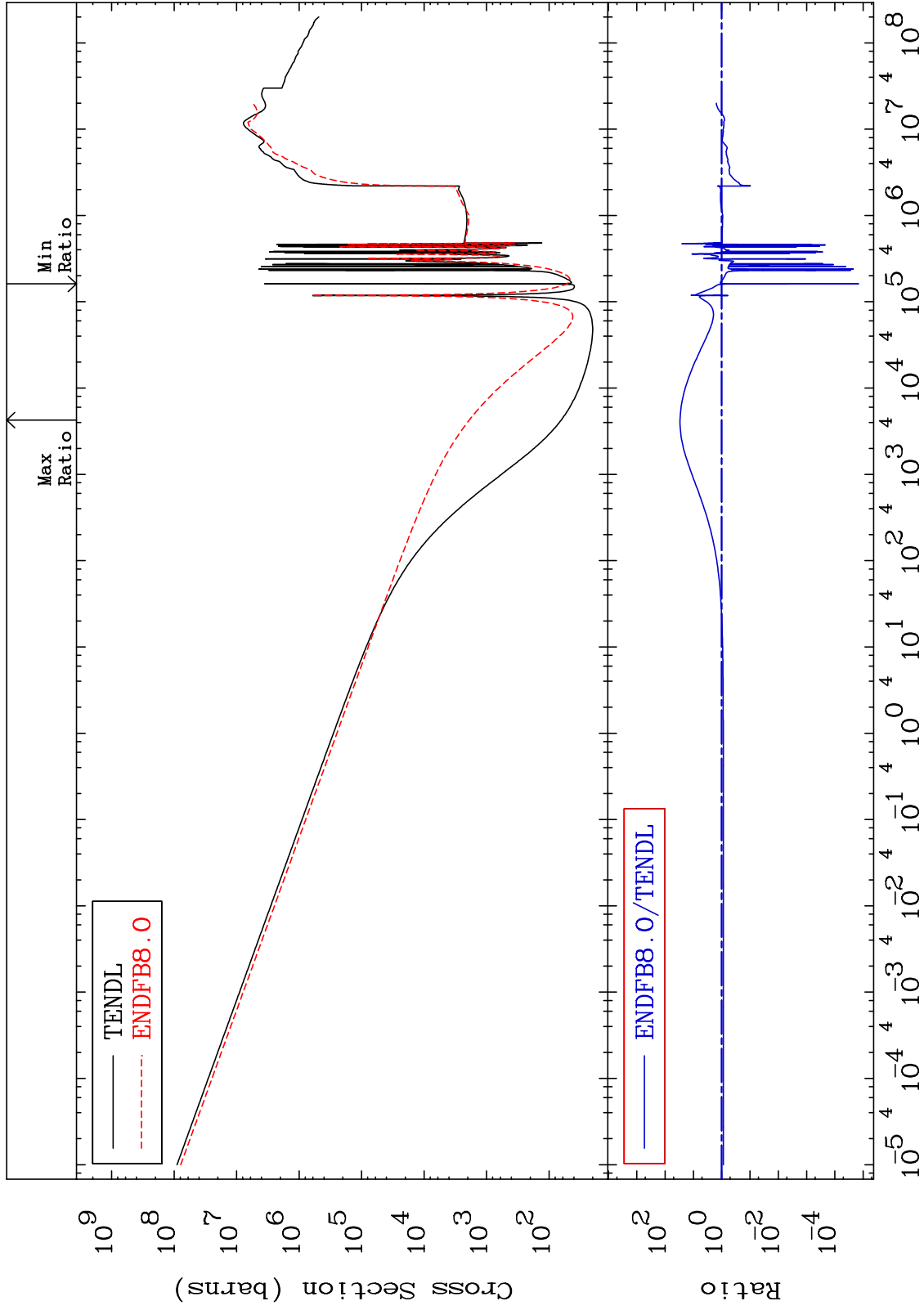
Incident Energy (eV)

16-S -34

MAT 1631

Total photon (eV-barns)
Cross Section

16-S -34
-100.0 To 2870. %



24

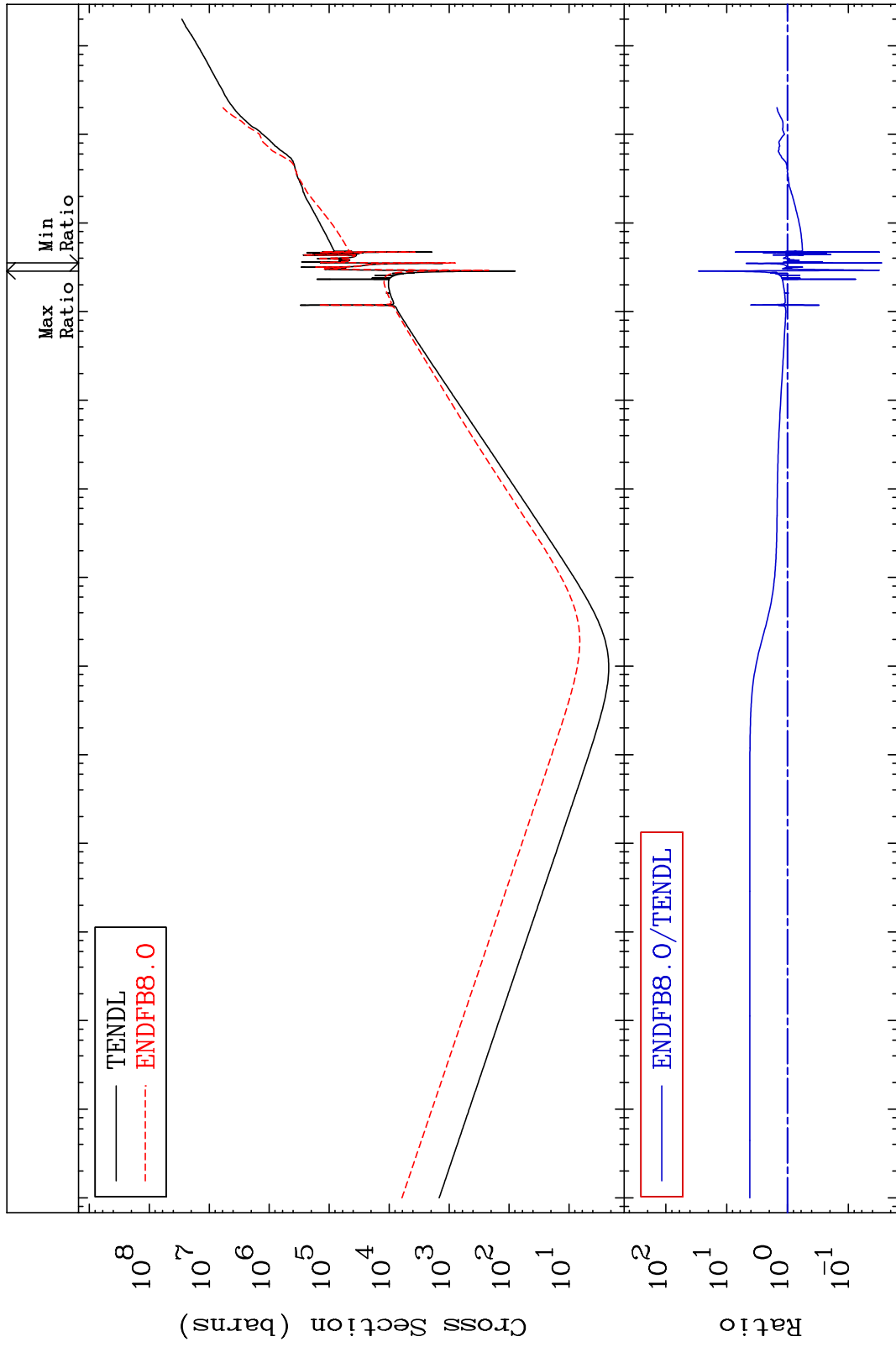
Incident Energy (eV)

16-S -34

MAT 1631

Total kinematic kerma (high limit)
Cross Section

16-S -34
-97.16 To 2827. %



25

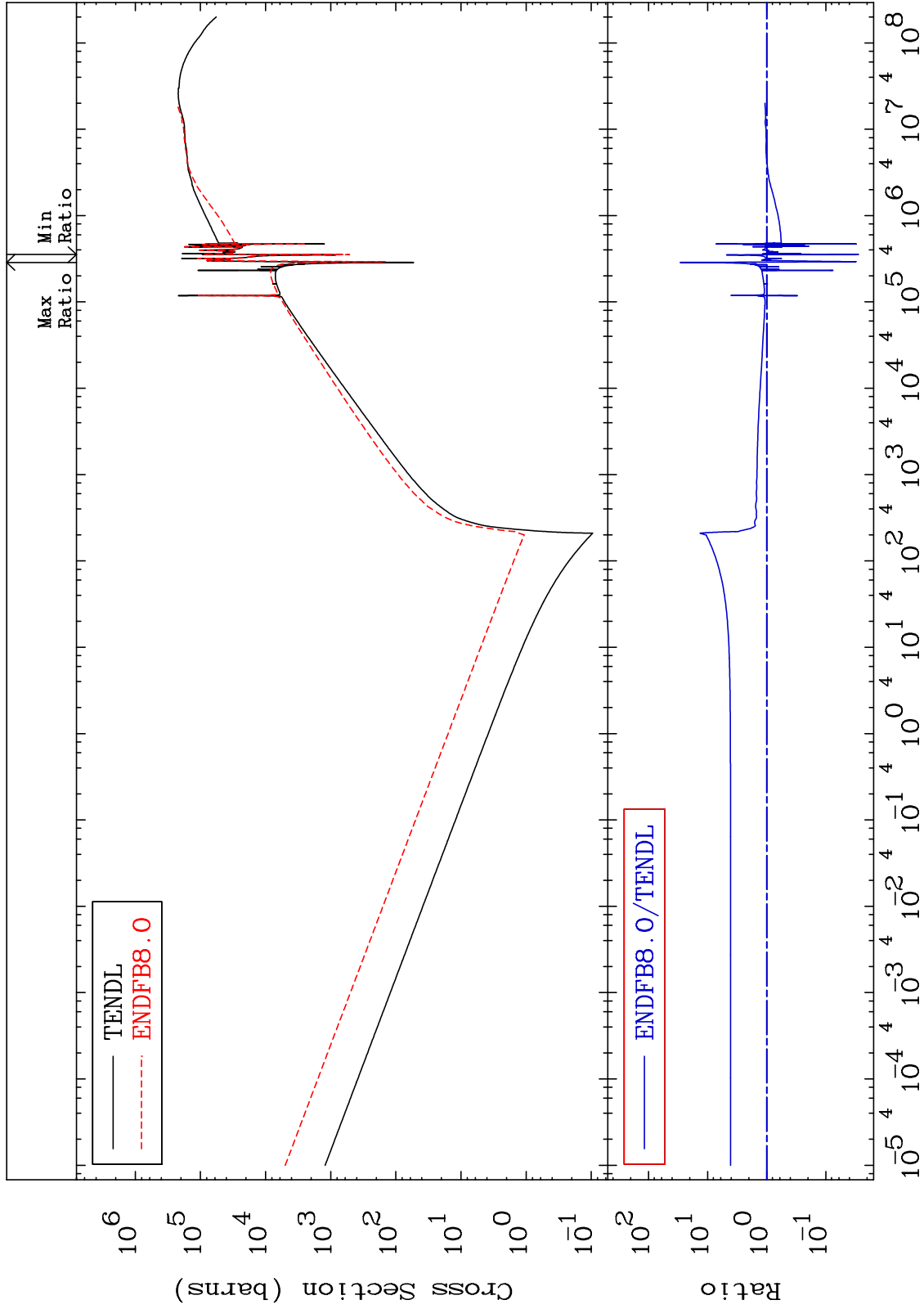
Incident Energy (eV)

16-S -34

MAT 1631

Dpa total (eV-barns)
Cross Section

16-S -34
-97.18 To 2832. %



26

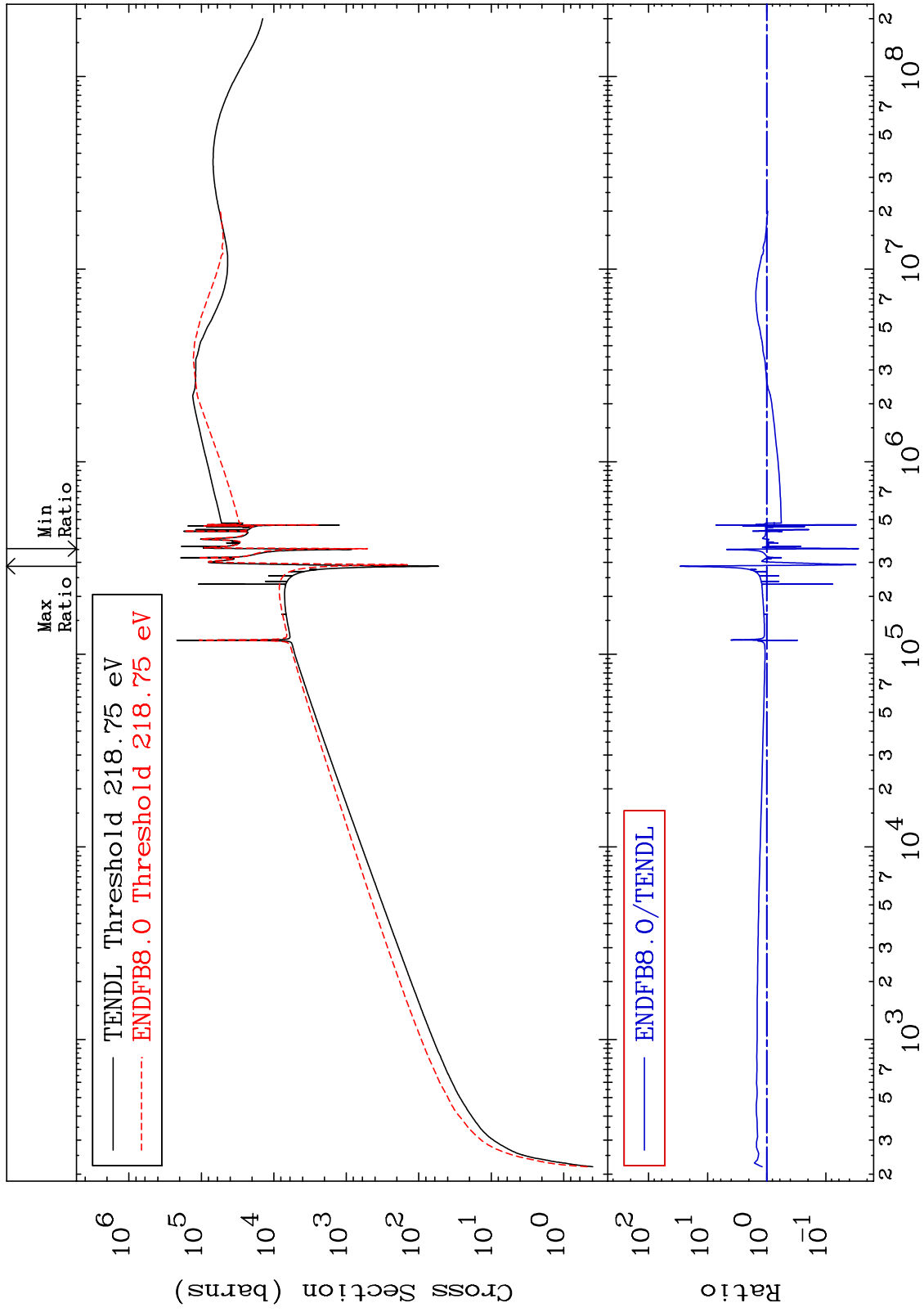
Incident Energy (eV)

16-S -34

MAT 1631

Dpa elastic (mt2)
Cross Section

16-S -34
-97.19 To 2834. %



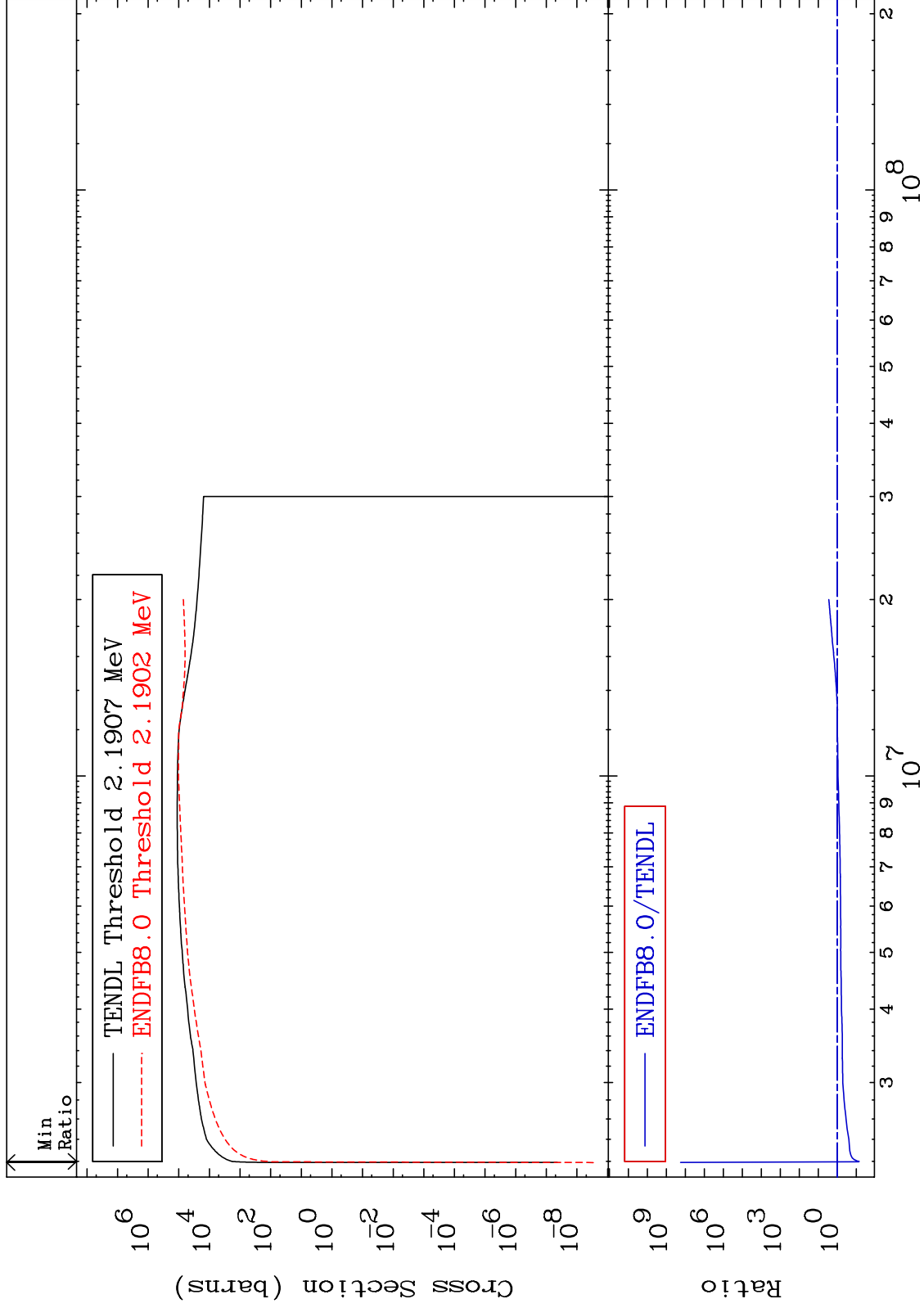
27

16-S -34

MAT 1631

Dpa inelastic (mt51-91)
Cross Section

16-S -34
-92.87 To 9999. %



MAT 1631

Dpa disappearance (mt102 -120)
Cross Section

16-S -34
-99.99 To 9999. %

