

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

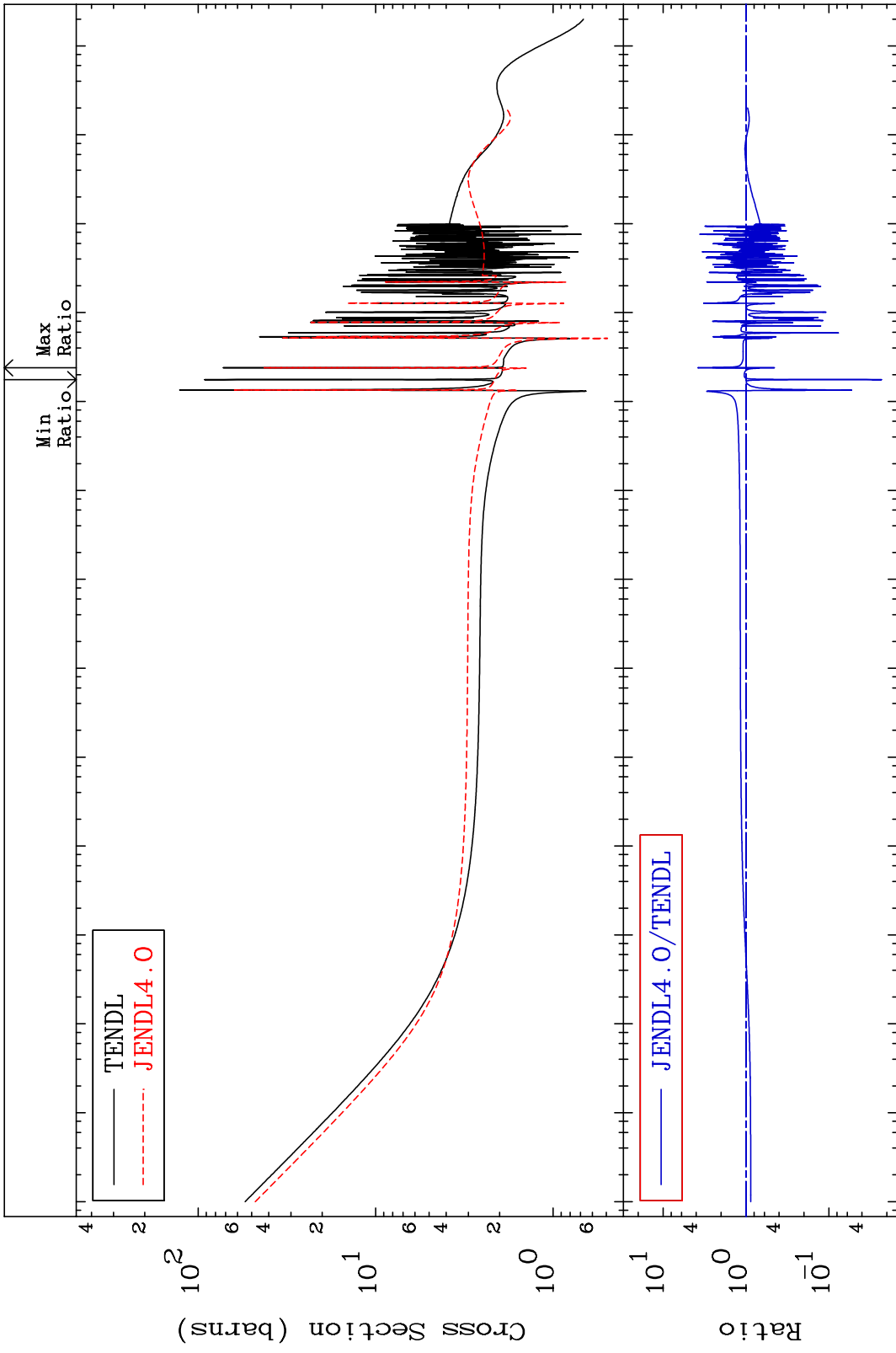
MAT 1628

Total

16-S -33

Cross Section

-97.69 To 281.5 %



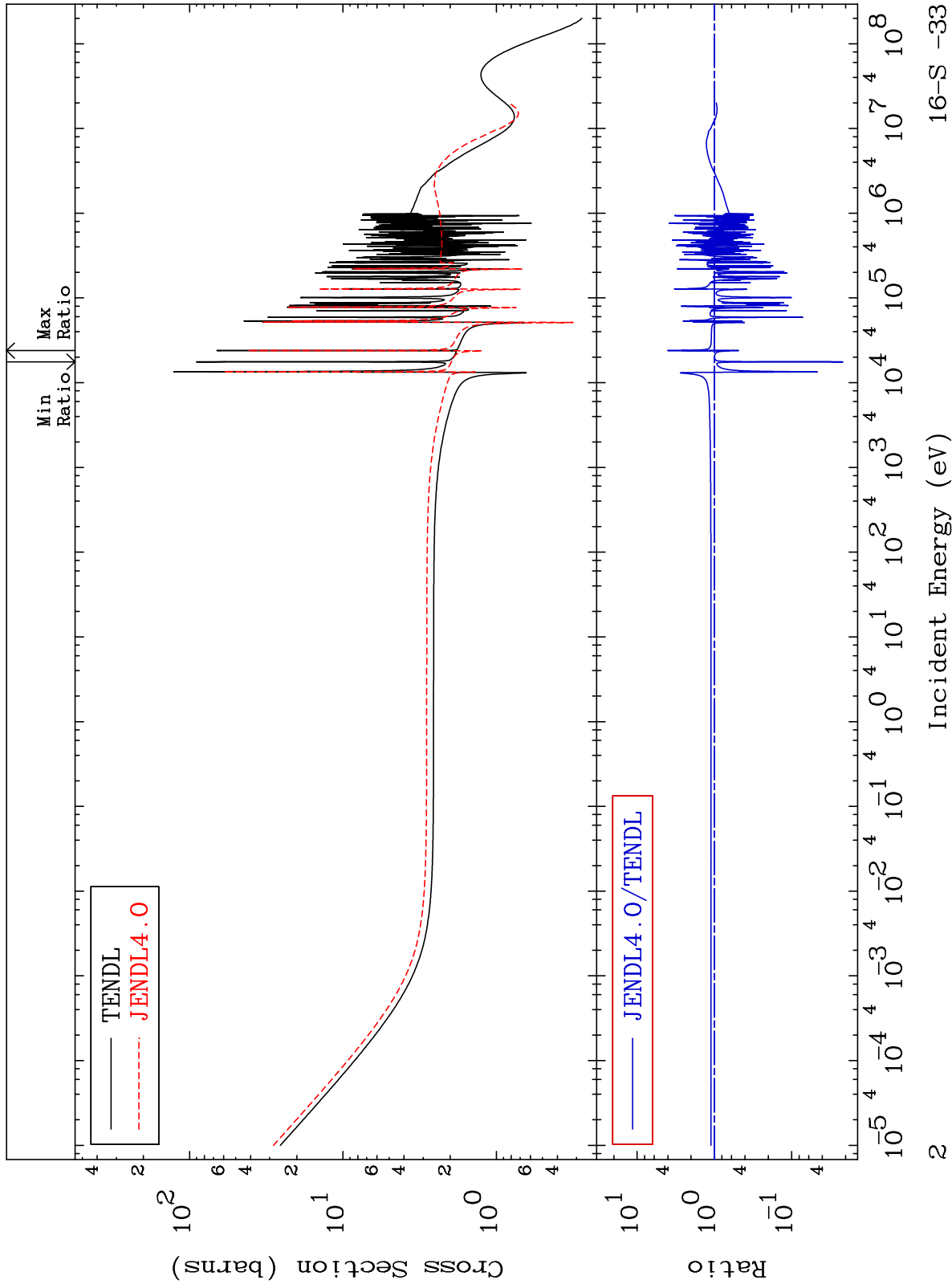
Incident Energy (eV)

16-S -33

MAT 1628

Elastic
Cross Section

16-S -33
-97.82 To 304.0 %



Incident Energy (eV)

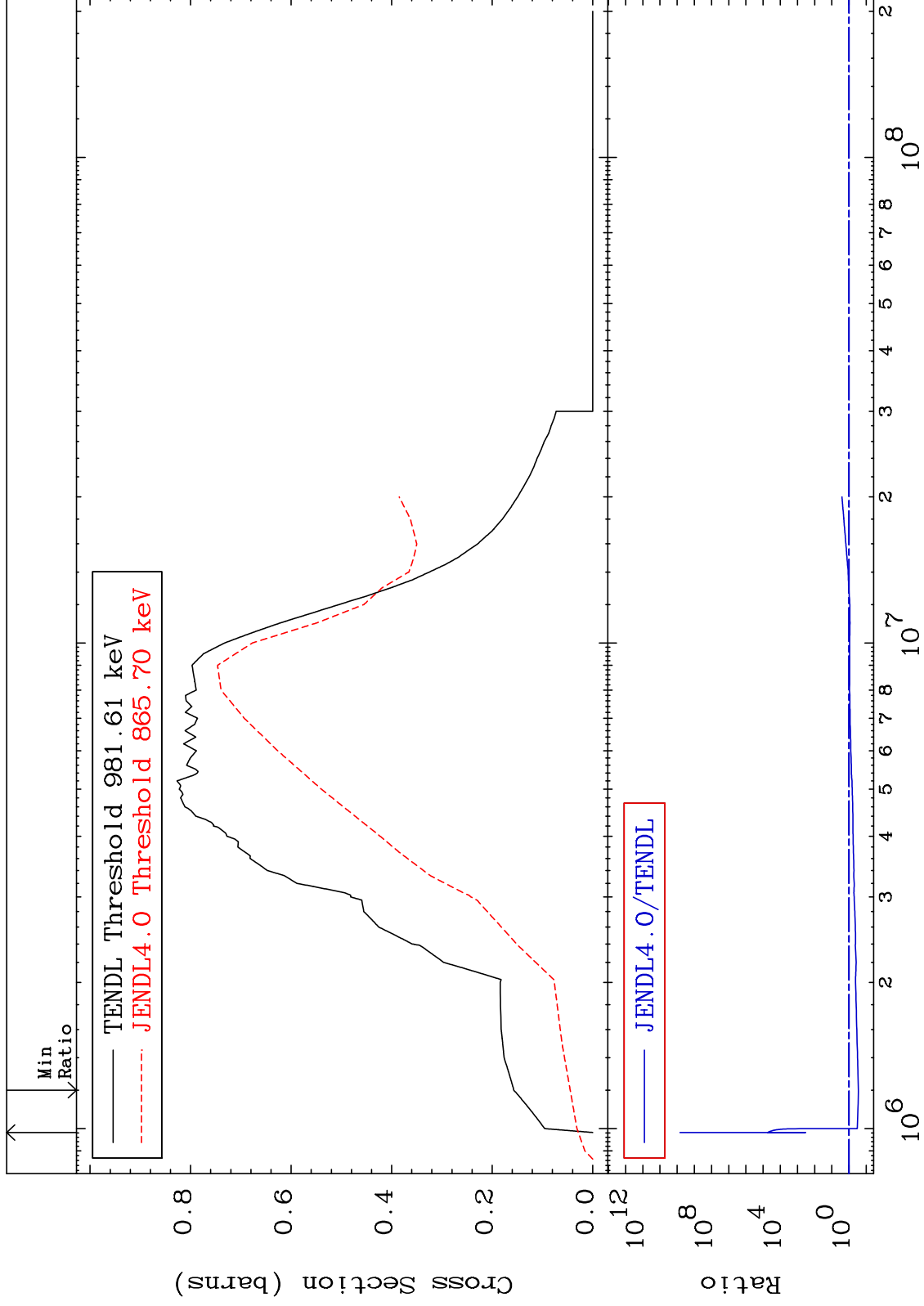
16-S -33

2

MAT 1628

Inelastic
Cross Section

16-S -33
-71.48 To 9999. %



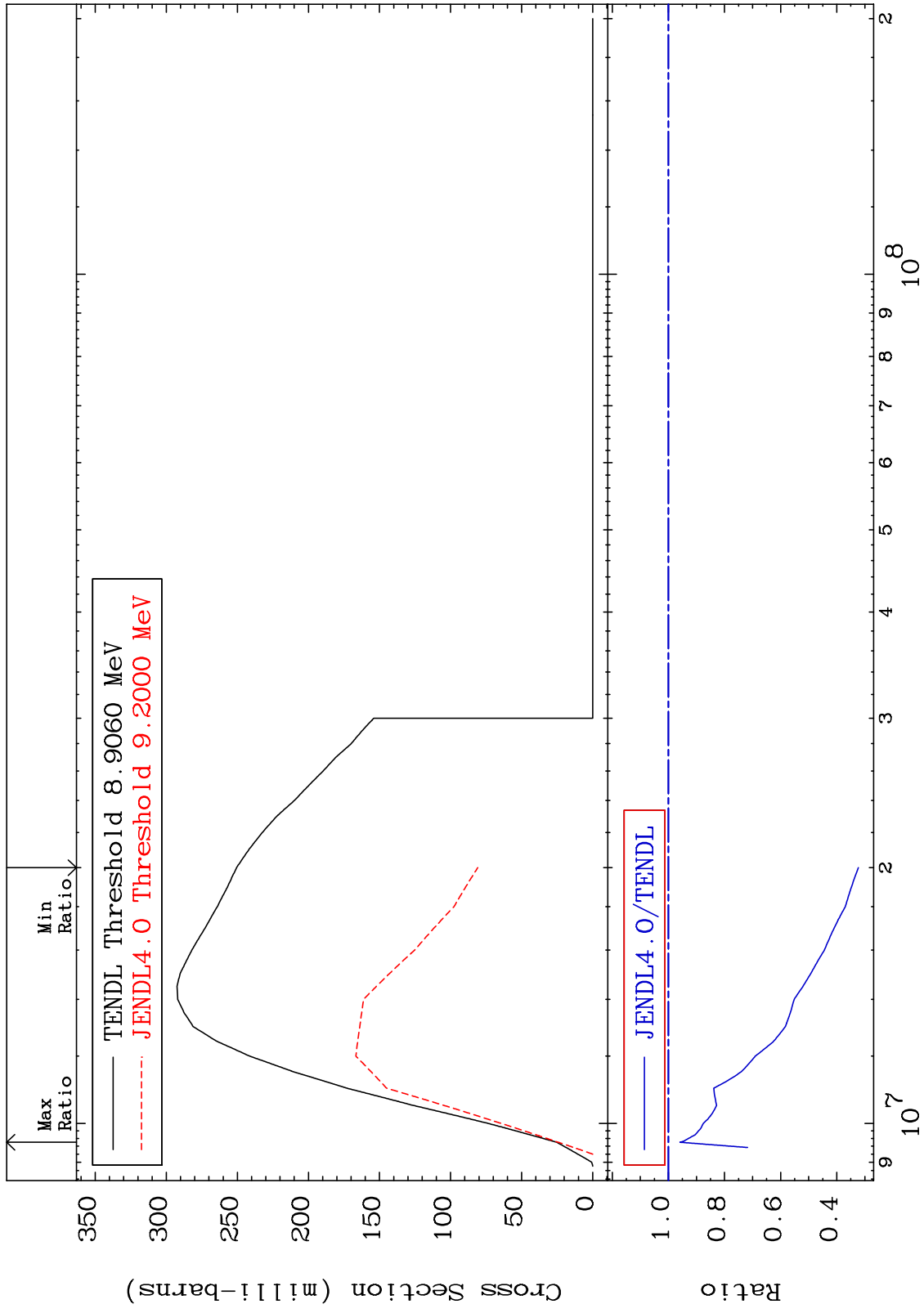
MAT 1628

(n,2n)

16-S -33

Cross Section

-67.72 To -4.147%



4

Incident Energy (eV)

16-S -33

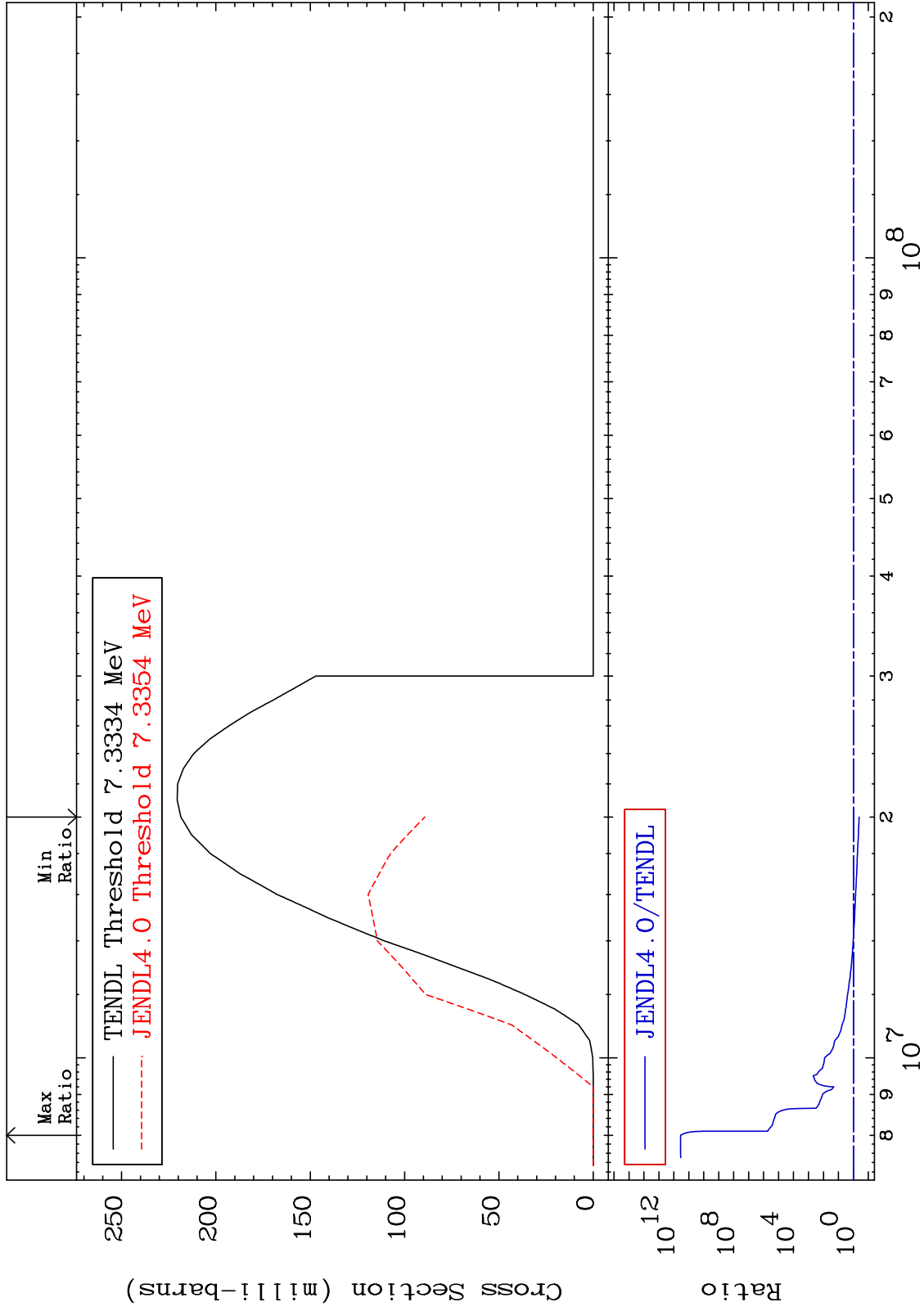
MAT 1628

(n,n') α

16-S -33

Cross Section

-59.18 To 9999. %



16-S -33

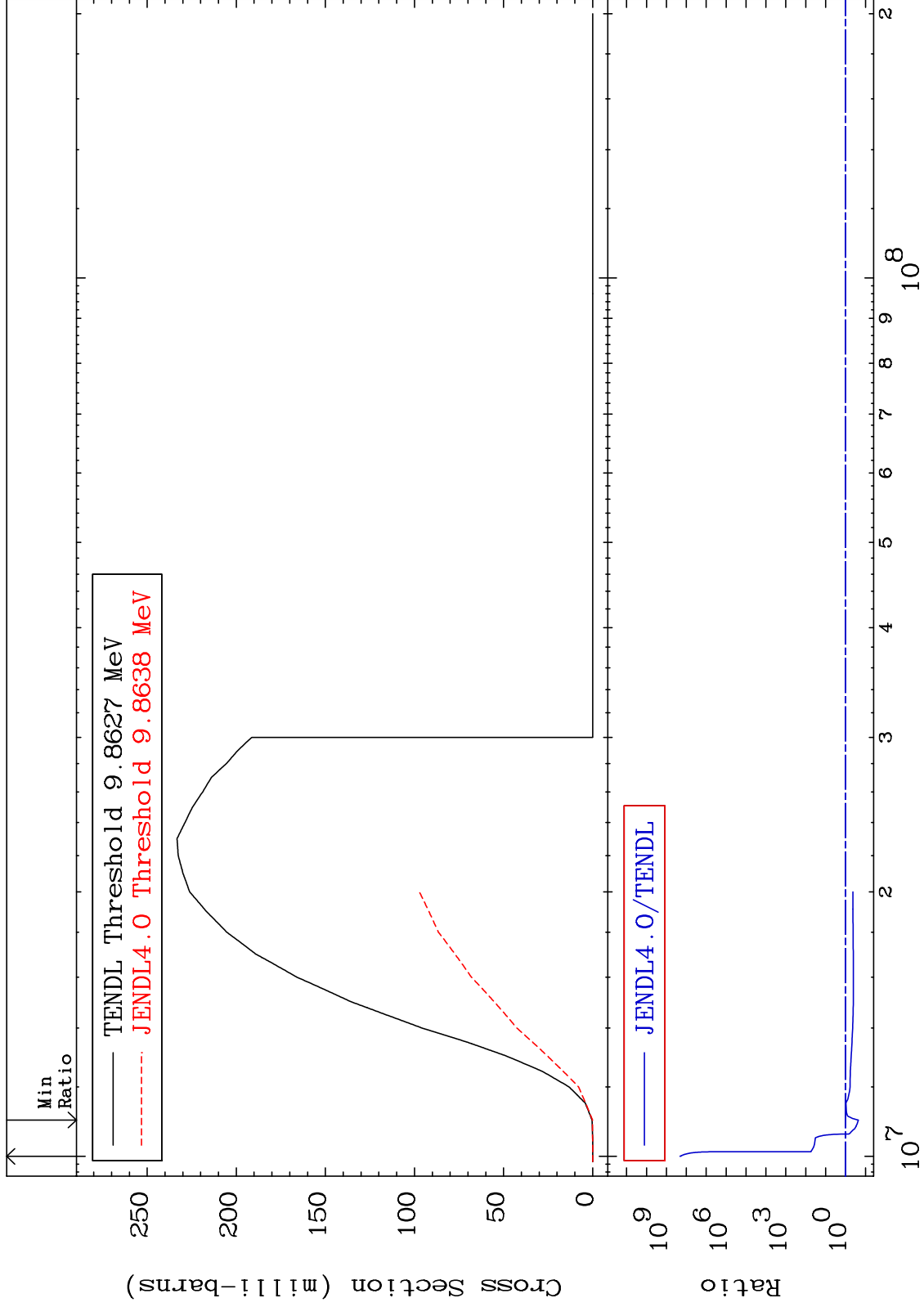
Incident Energy (eV)

5

MAT 1628

(n,n') p
Cross Section

16-S -33
-77.35 To 9999. %

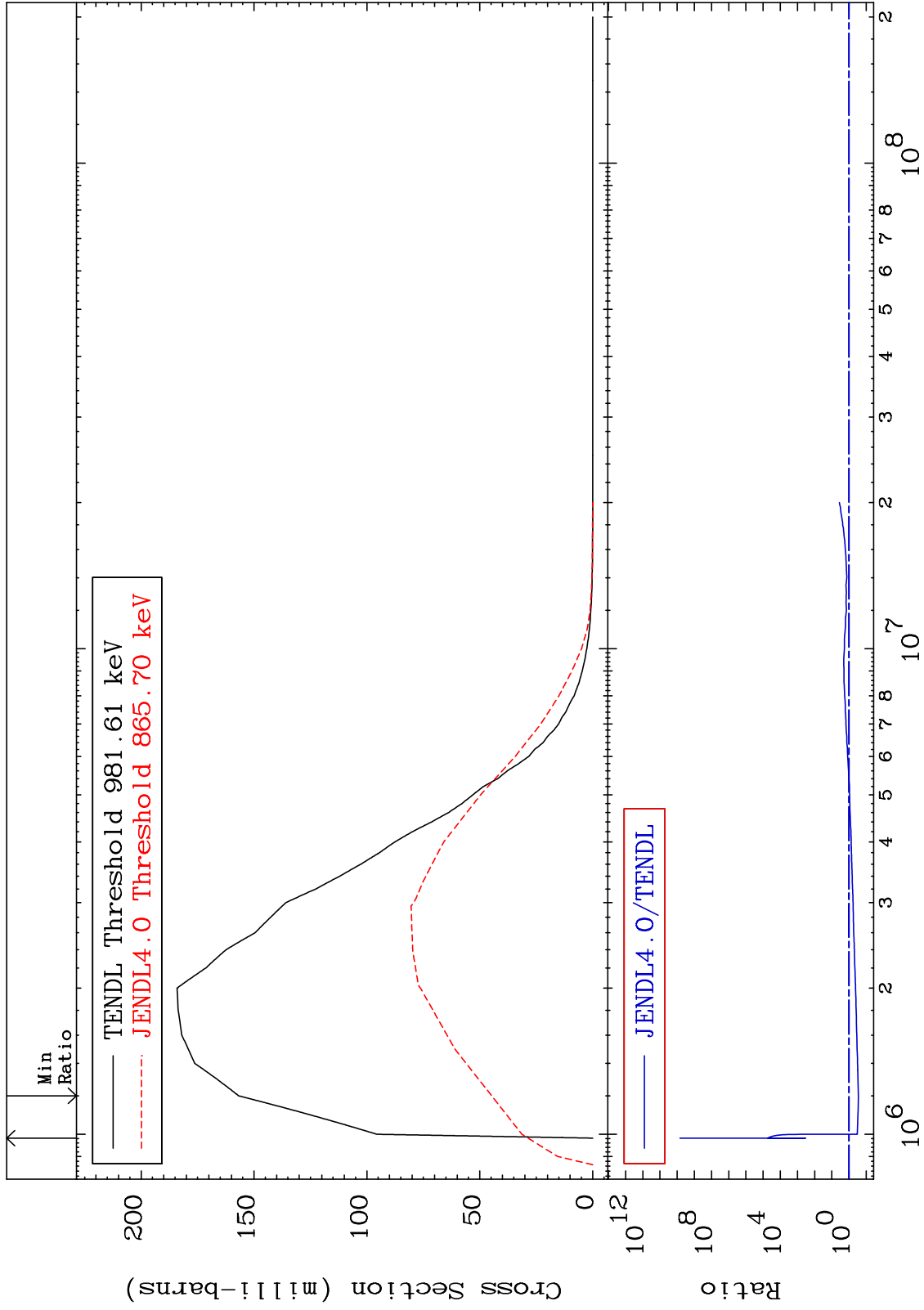


16-S -33

MAT 1628

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

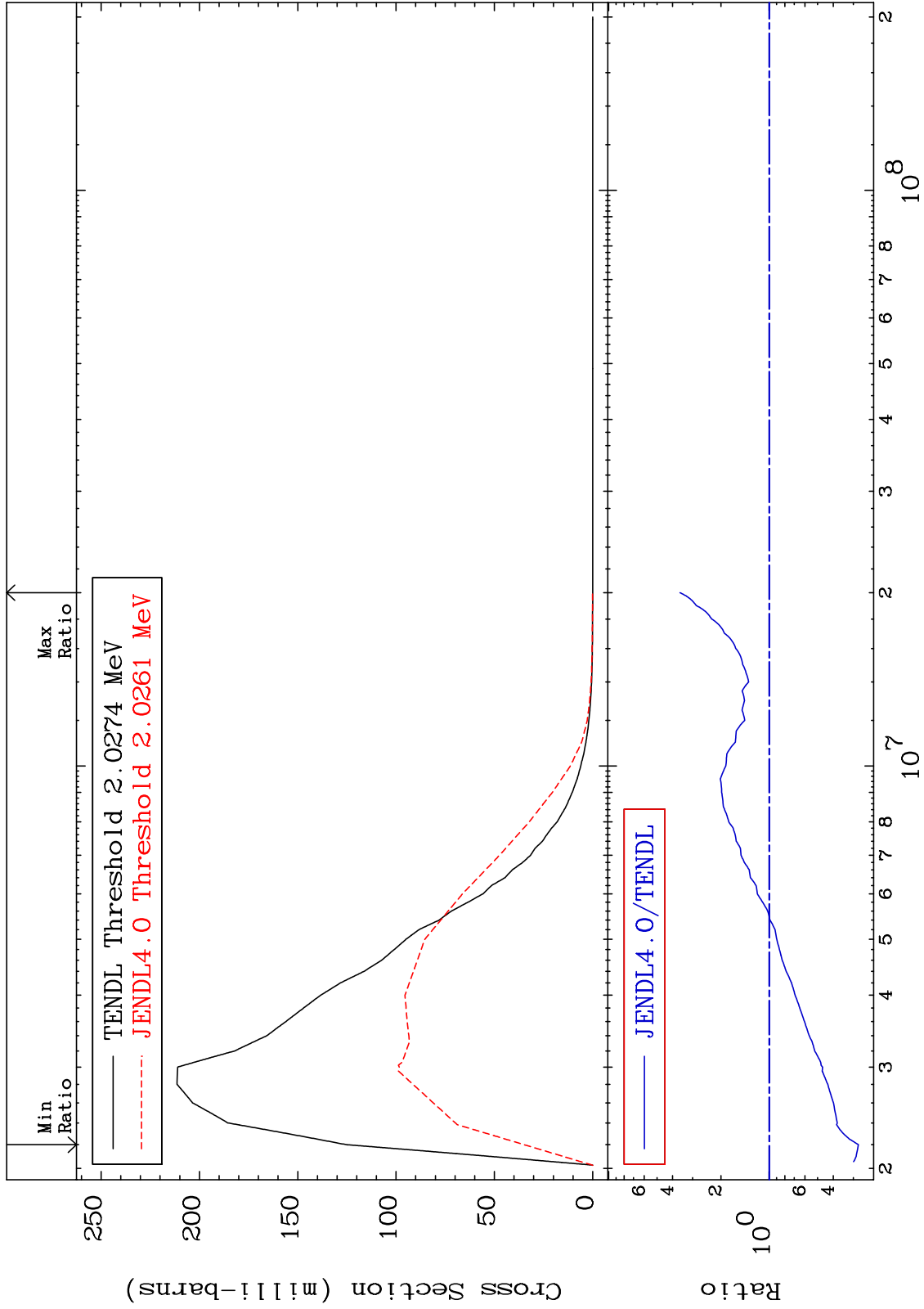
16-S -33
-71.48 To 9999. %



MAT 1628

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

16-S -33
-72.14 To 259.3 %



8

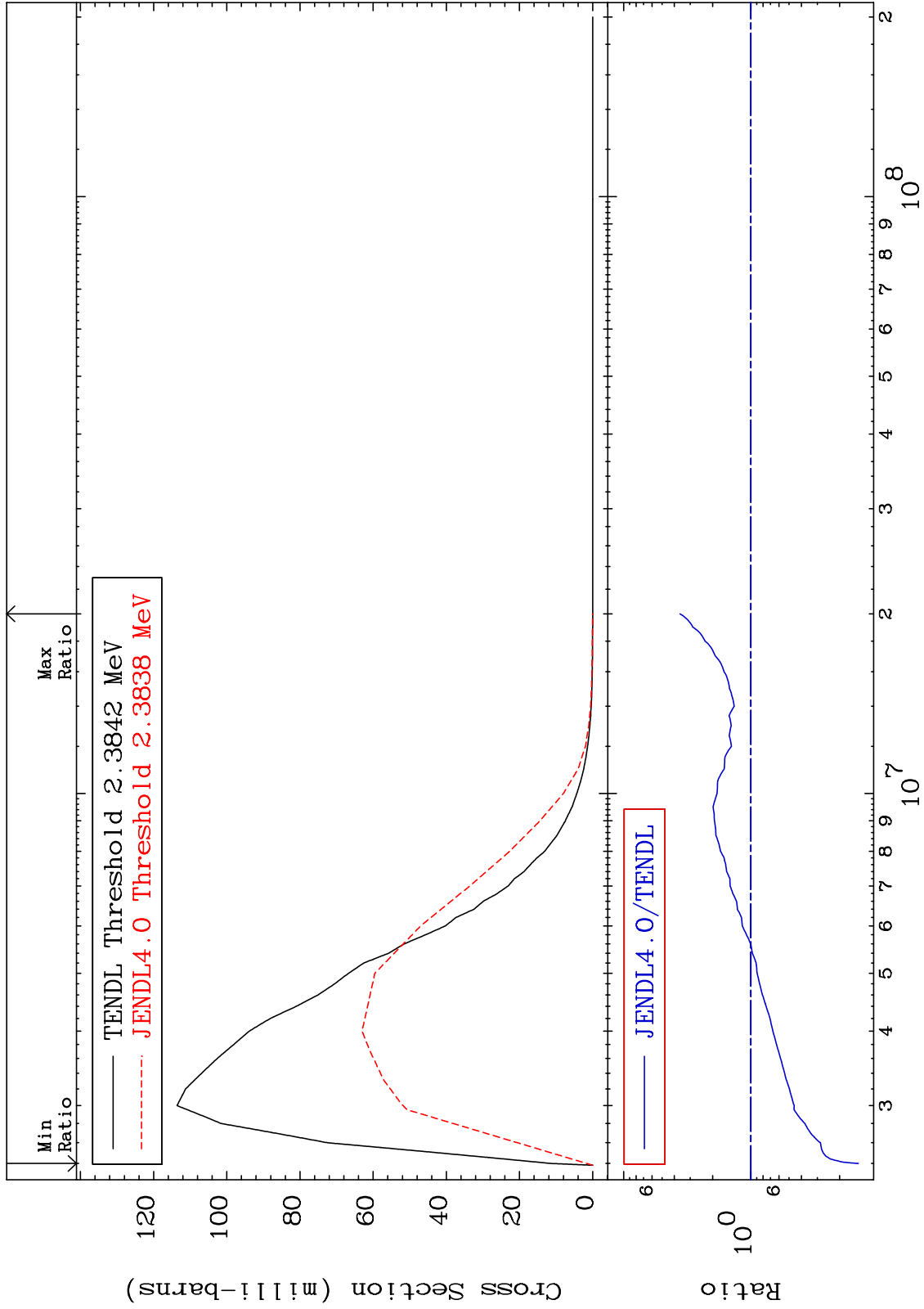
Incident Energy (eV)

16-S -33

MAT 1628

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

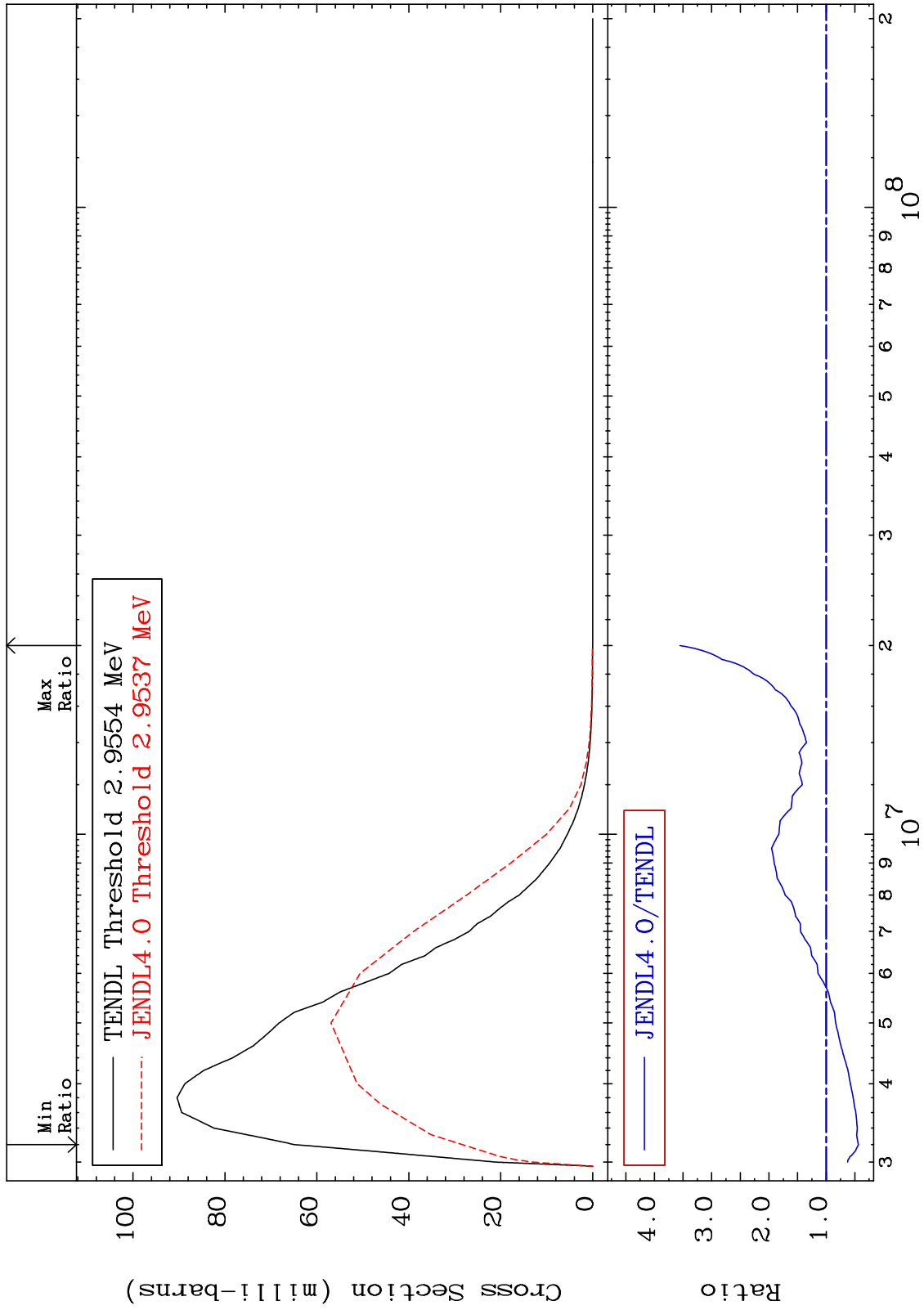
16-S -33
-85.76 To 260.7 %



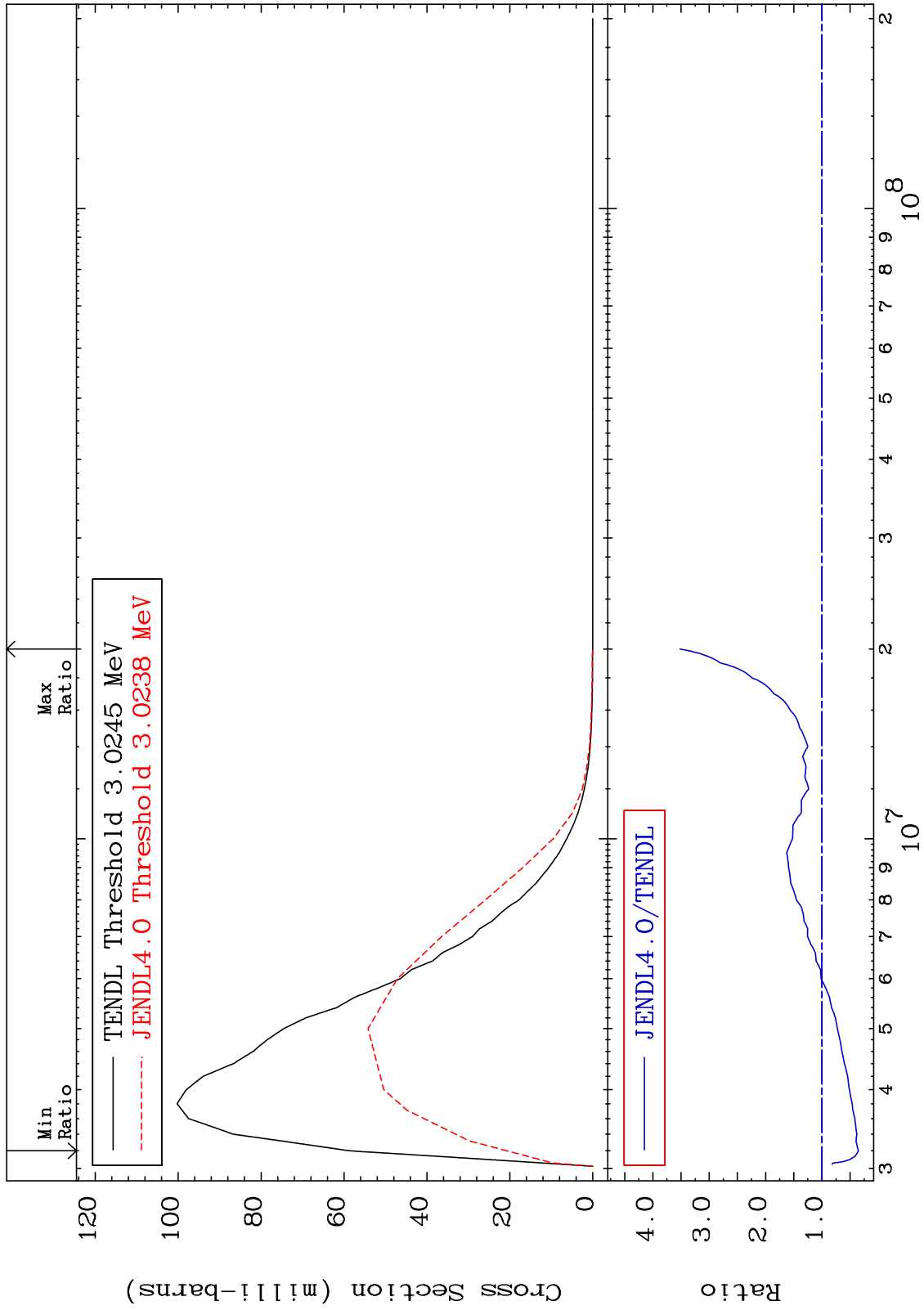
9

16-S -33

MAT 1628 MT= 54 (n,n') Level Cross Section -56.26 To 255.3 % 16-S -33



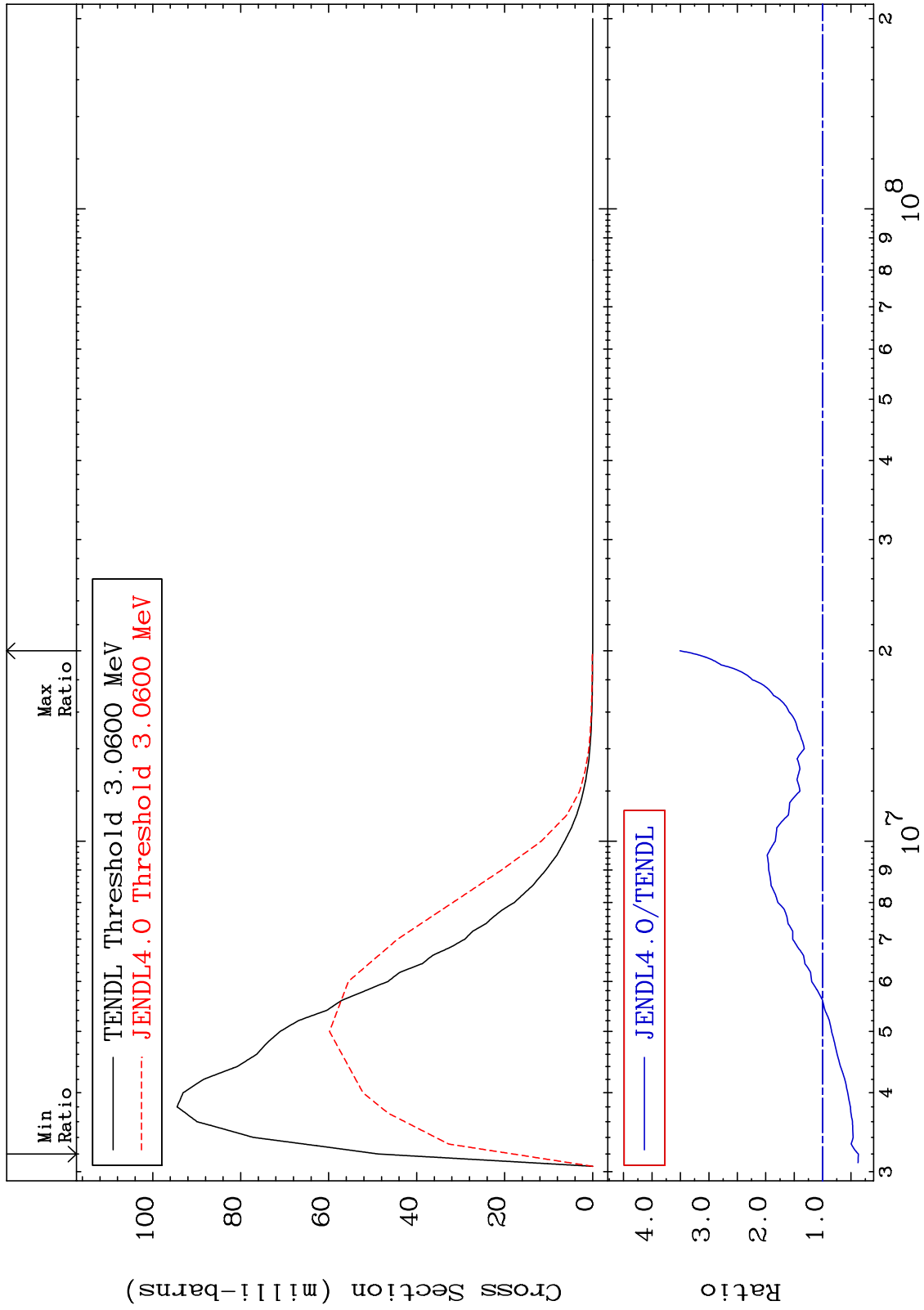
MAT 1628 MT= 55 (n,n') Level
Cross Section -64.68 To 251.8 % 16-S -33



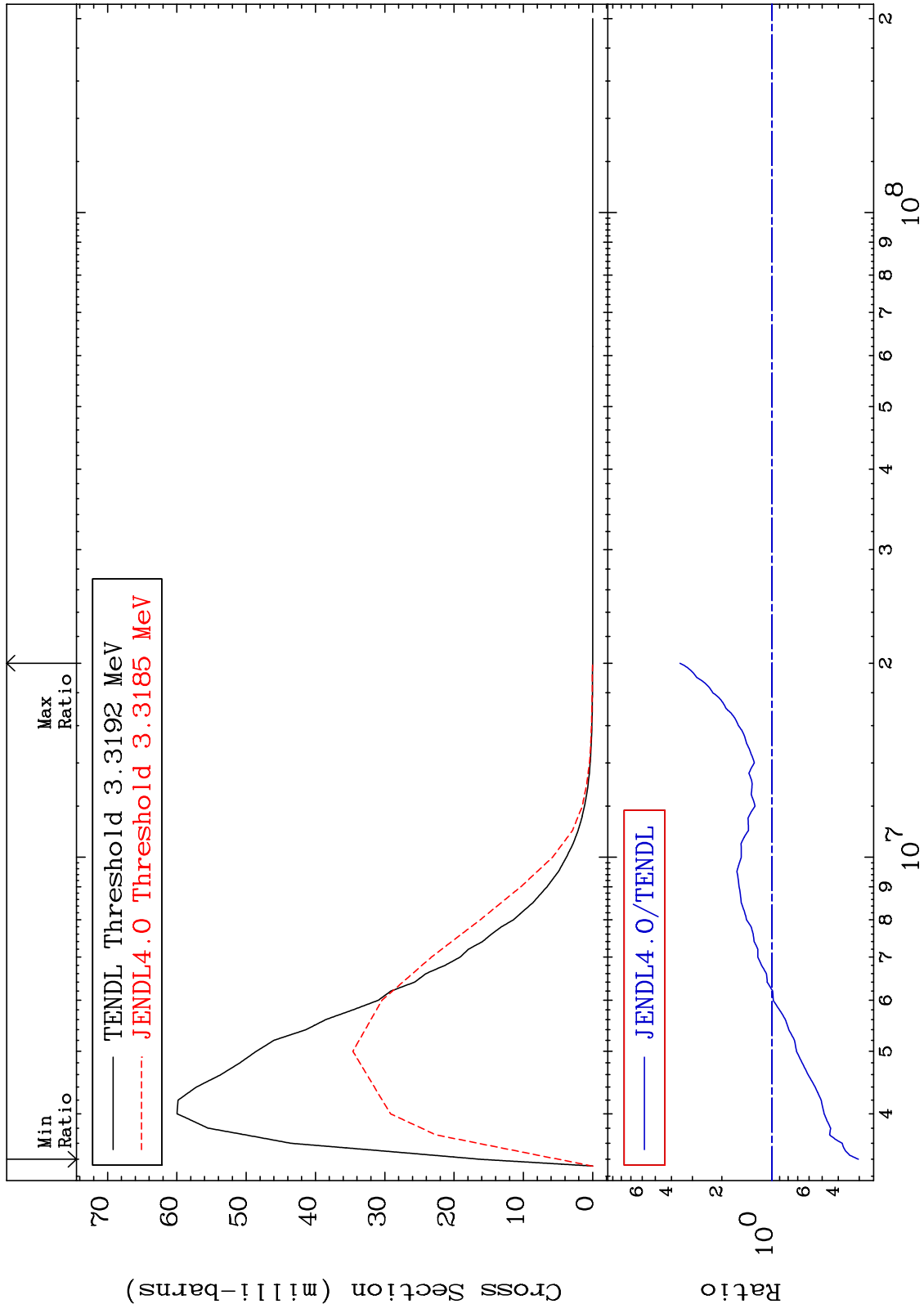
16-S -33

11

MAT 1628 MT= 56 (n,n') Level Cross Section -62.94 To 250.7 % 16-S -33



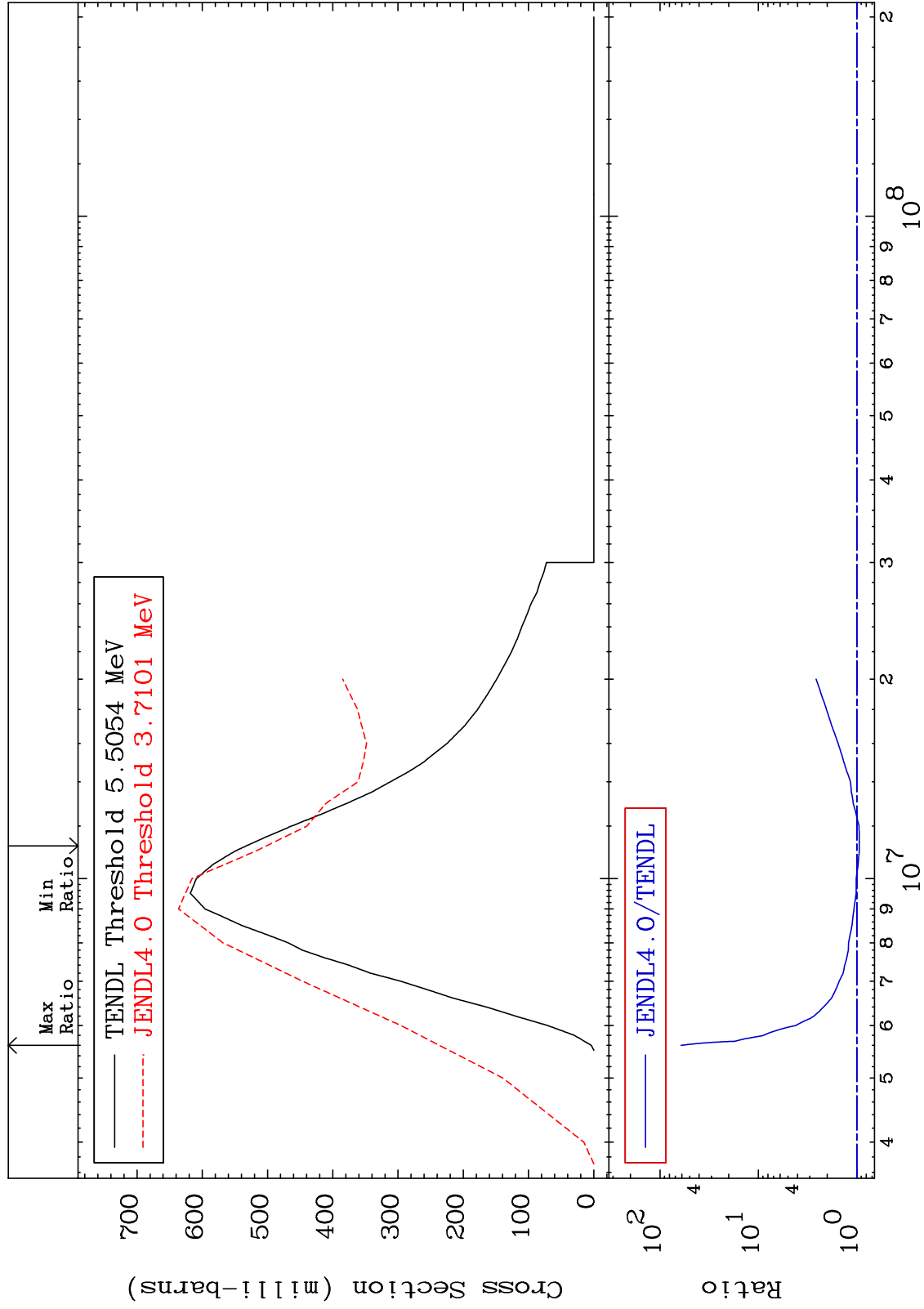
MAT 1628 MT= 57 (n,n') Level Cross Section 16-S -33
 -69.66 To 255.7 %



MAT 1628

(n, n') Continuum
Cross Section

16-S -33
-5.769 To 6006. %



14

Incident Energy (eV)

16-S -33

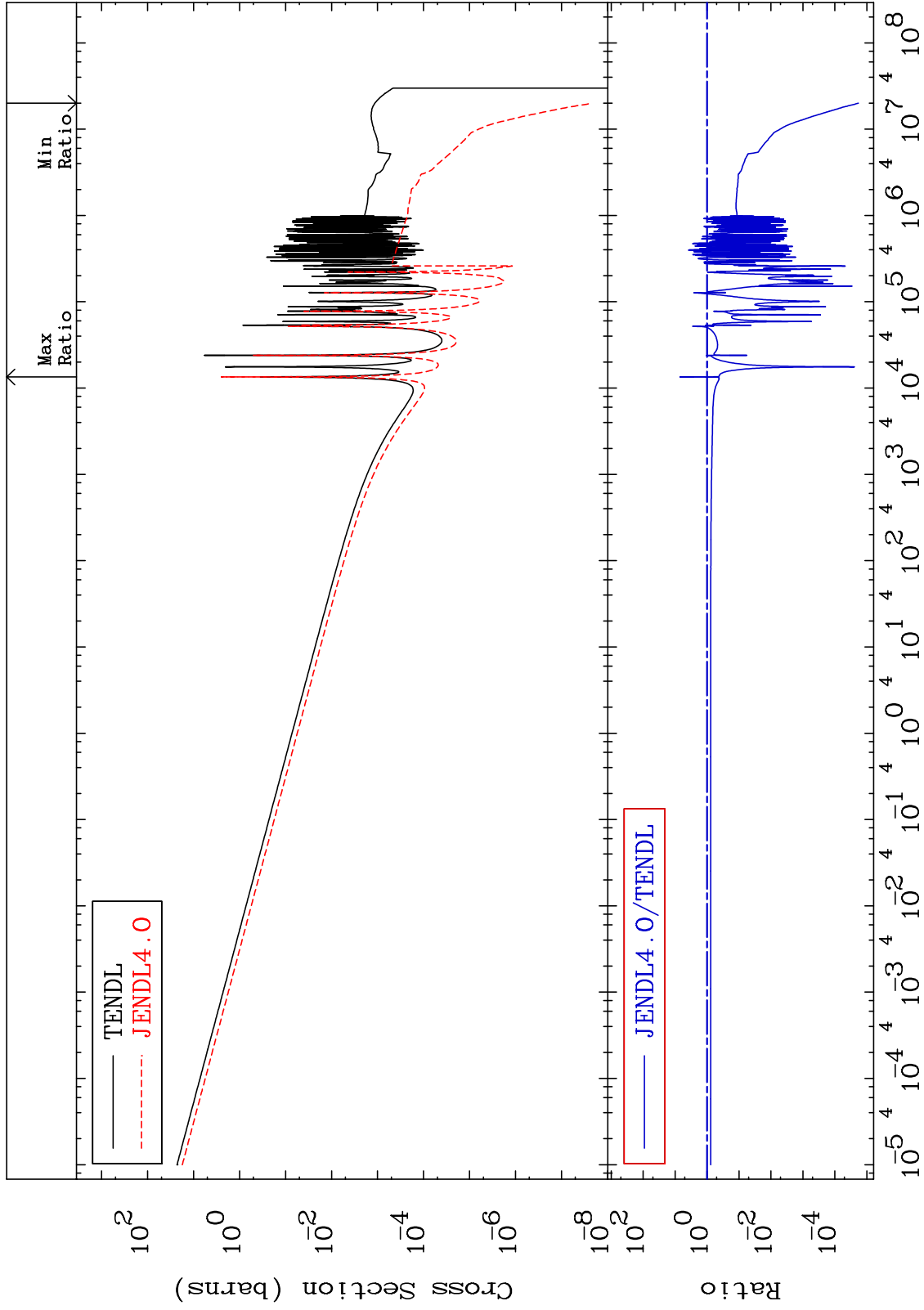
MAT 1628

(n, γ)

16-S -33

Cross Section

-100.0 To 603.2 %



15

Incident Energy (eV)

16-S -33

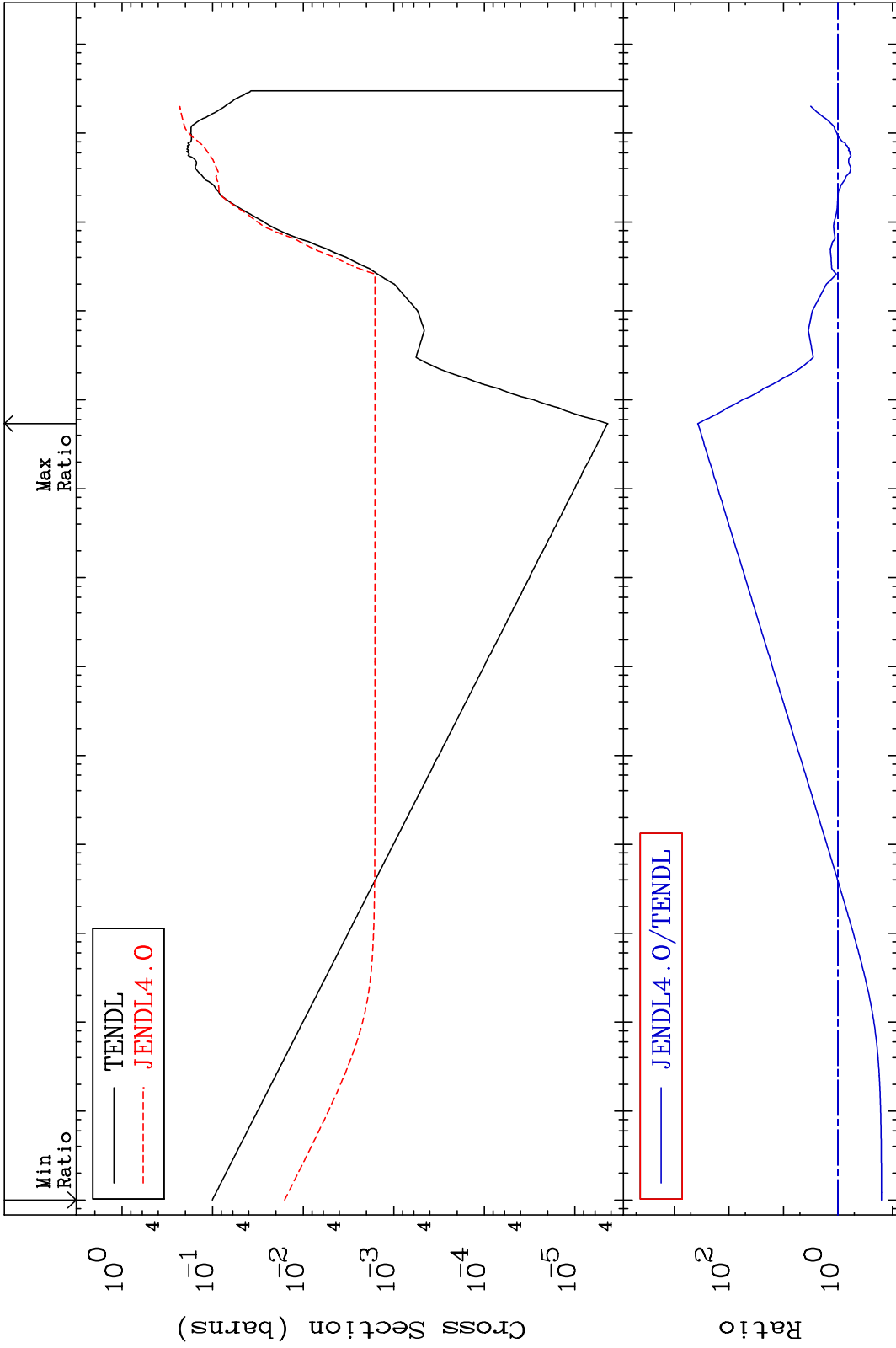
MAT 1628

(n,p)

16-S -33

Cross Section

-84.09 To 9999. %



10⁰
10⁻¹
10⁻²
10⁻³
10⁻⁴
10⁻⁵

10²
10⁰
10⁻¹
10⁻²
10⁻³
10⁻⁴
10⁻⁵

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

16-S -33

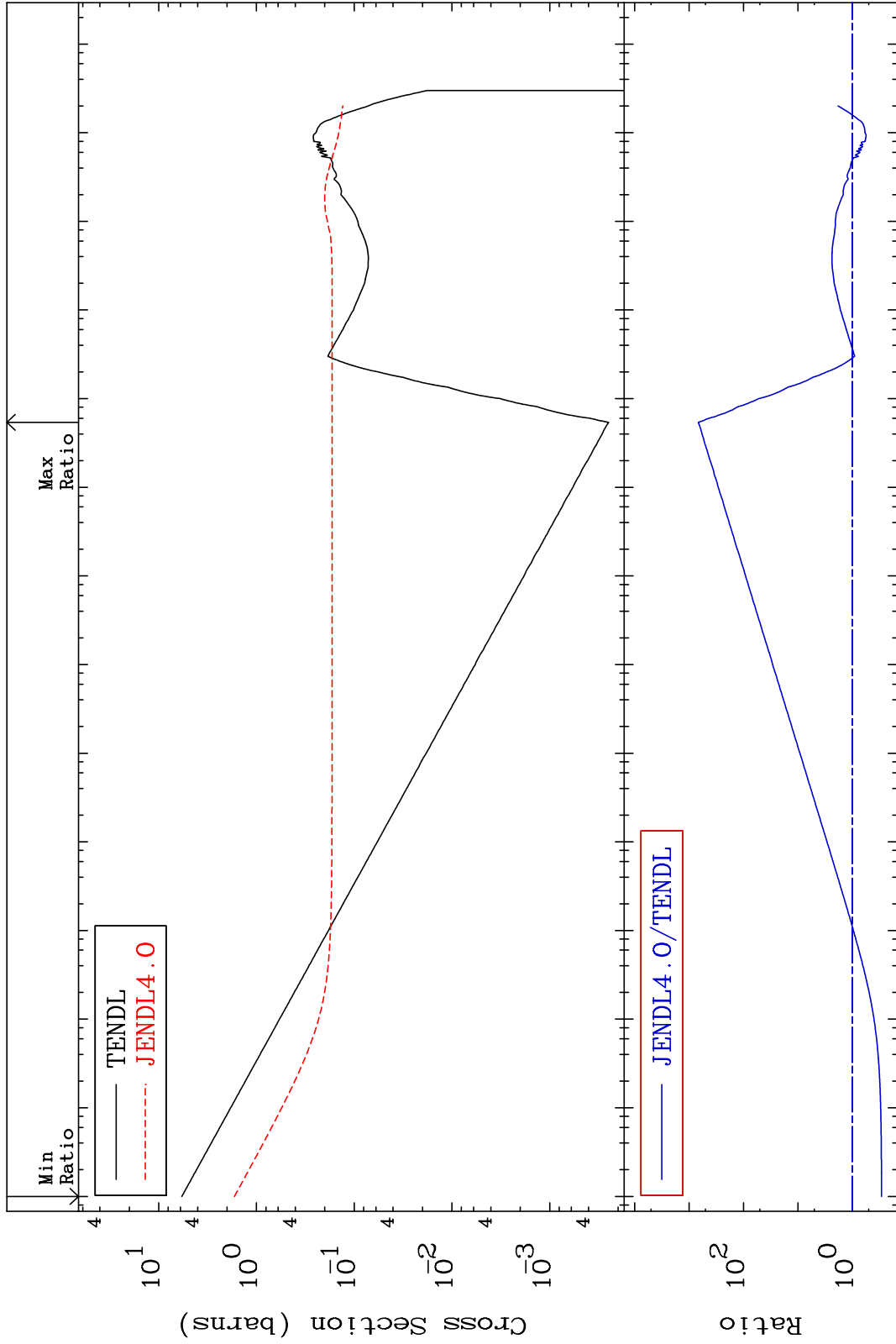
MAT 1628

(n, α)

16-S -33

-71.05 To 9999. %

Cross Section



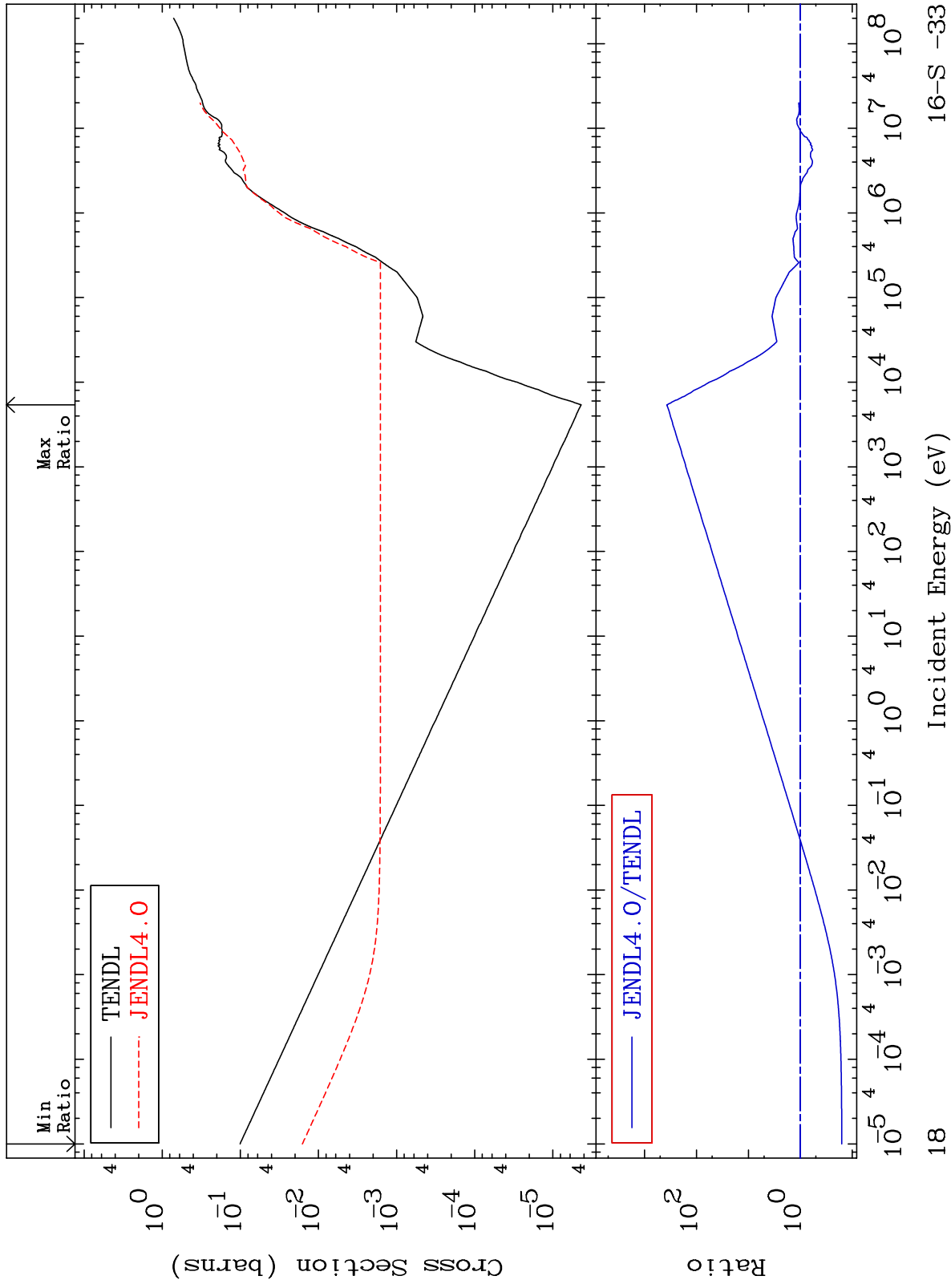
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁴ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

16-S -33

MAT 1628

Hydrogen Production
Cross Section

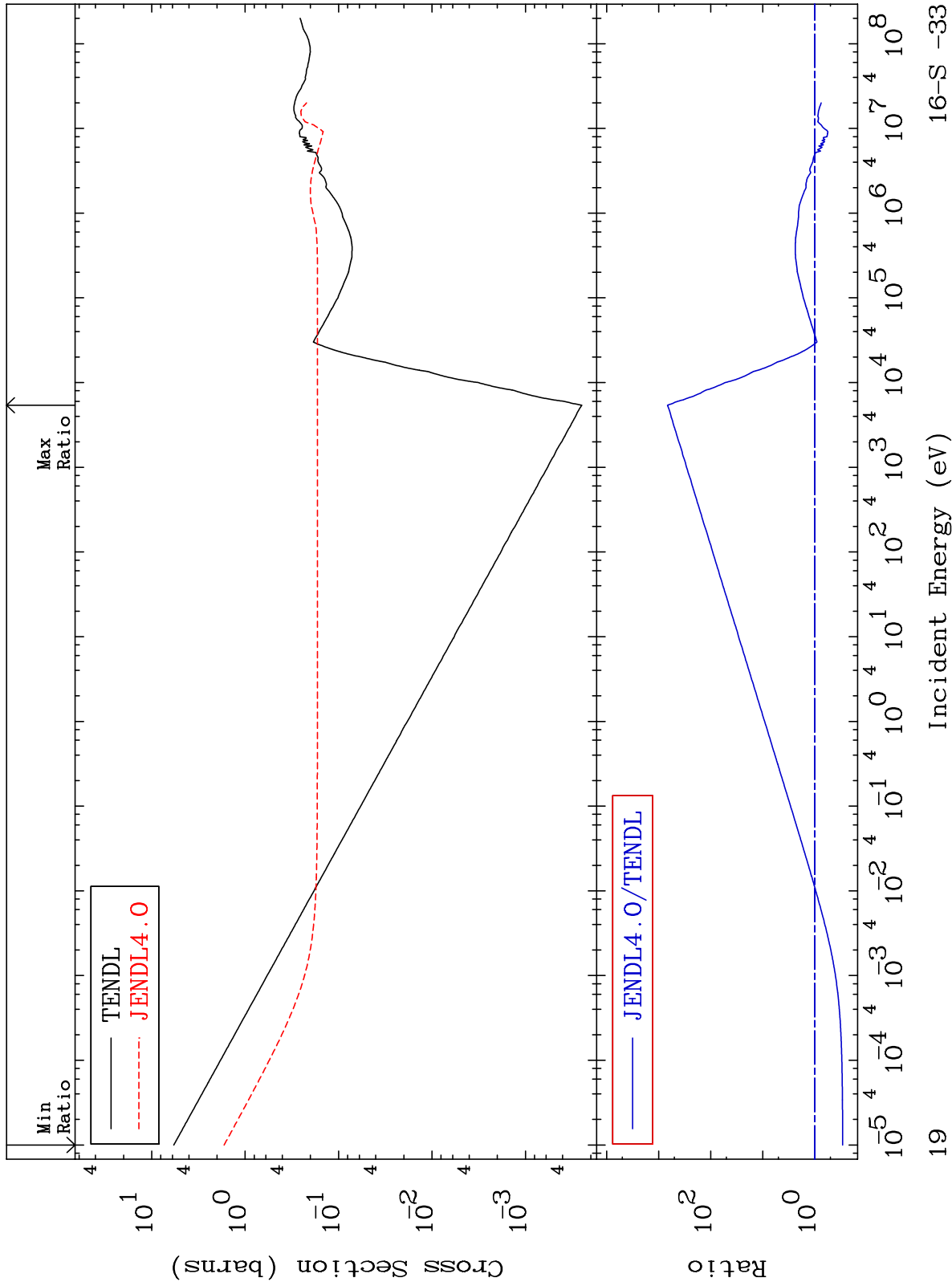
16-S -33
-84.09 To 9999. %



MAT 1628

He-4 Production
Cross Section

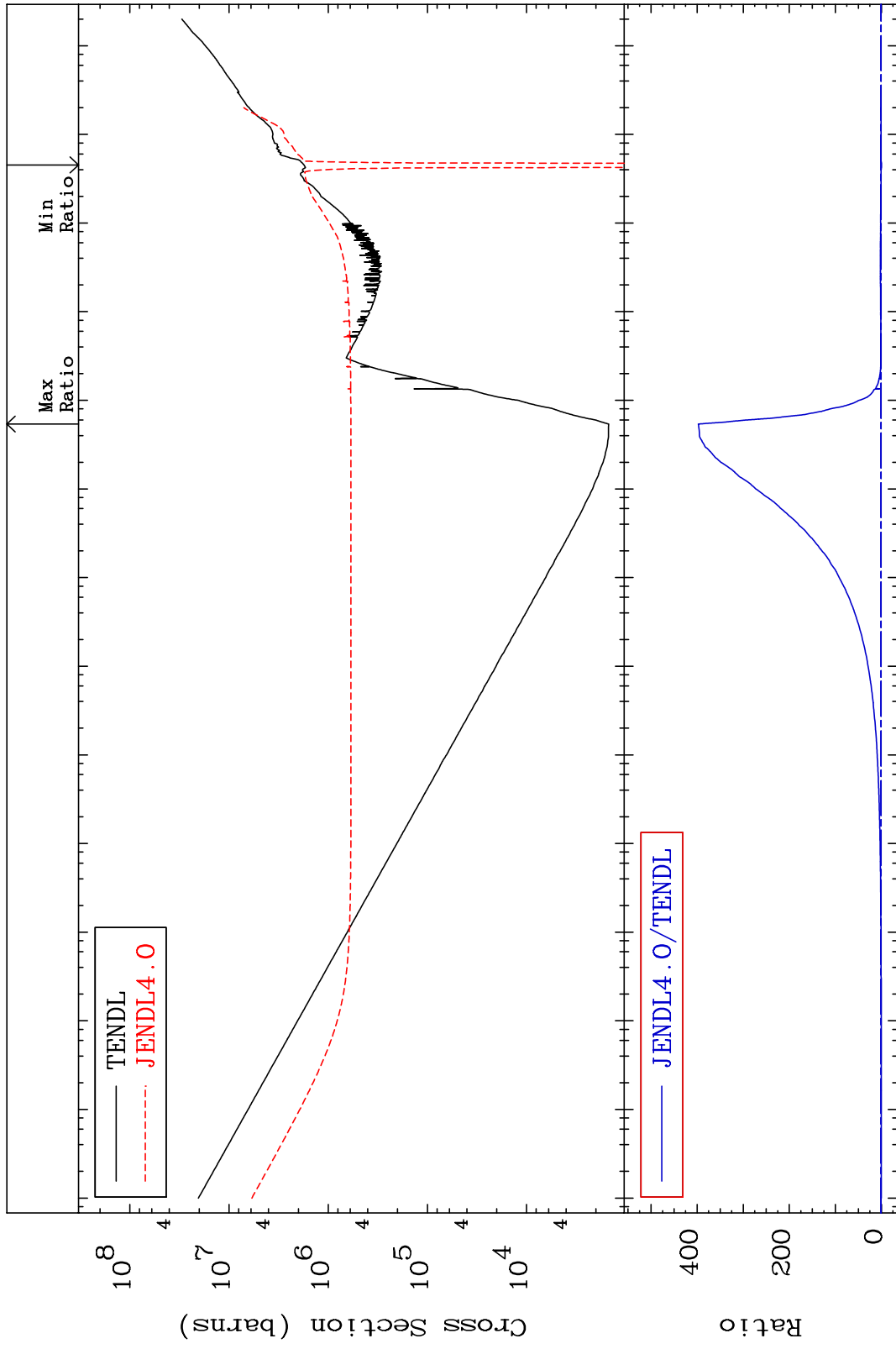
16-S -33
-71.05 To 9999. %



MAT 1628

Kerma total (eV-barns)
Cross Section

16-S -33
-126.0 To 9999. %

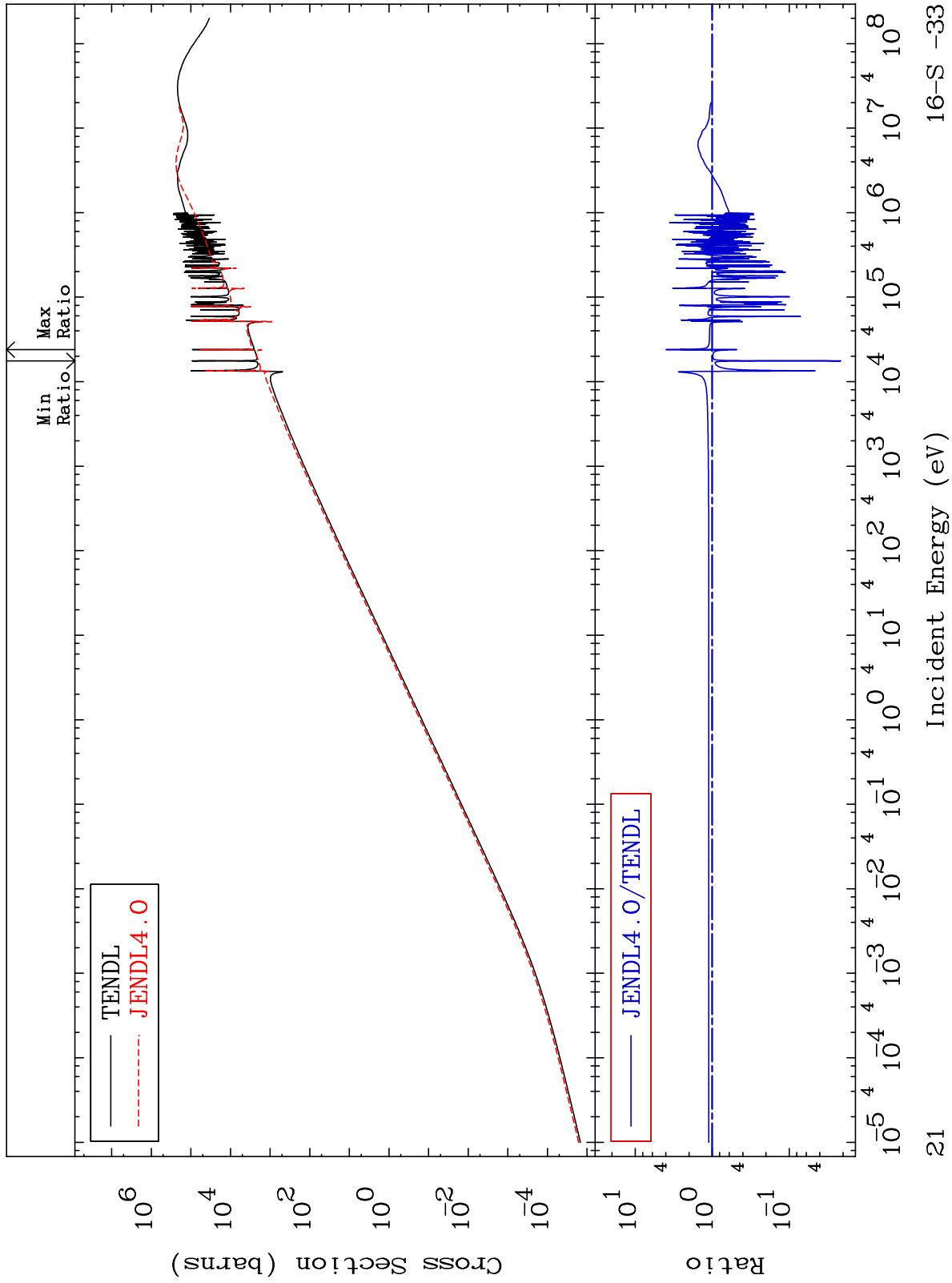


16-S -33
20

MAT 1628

Kerma elastic
Cross Section

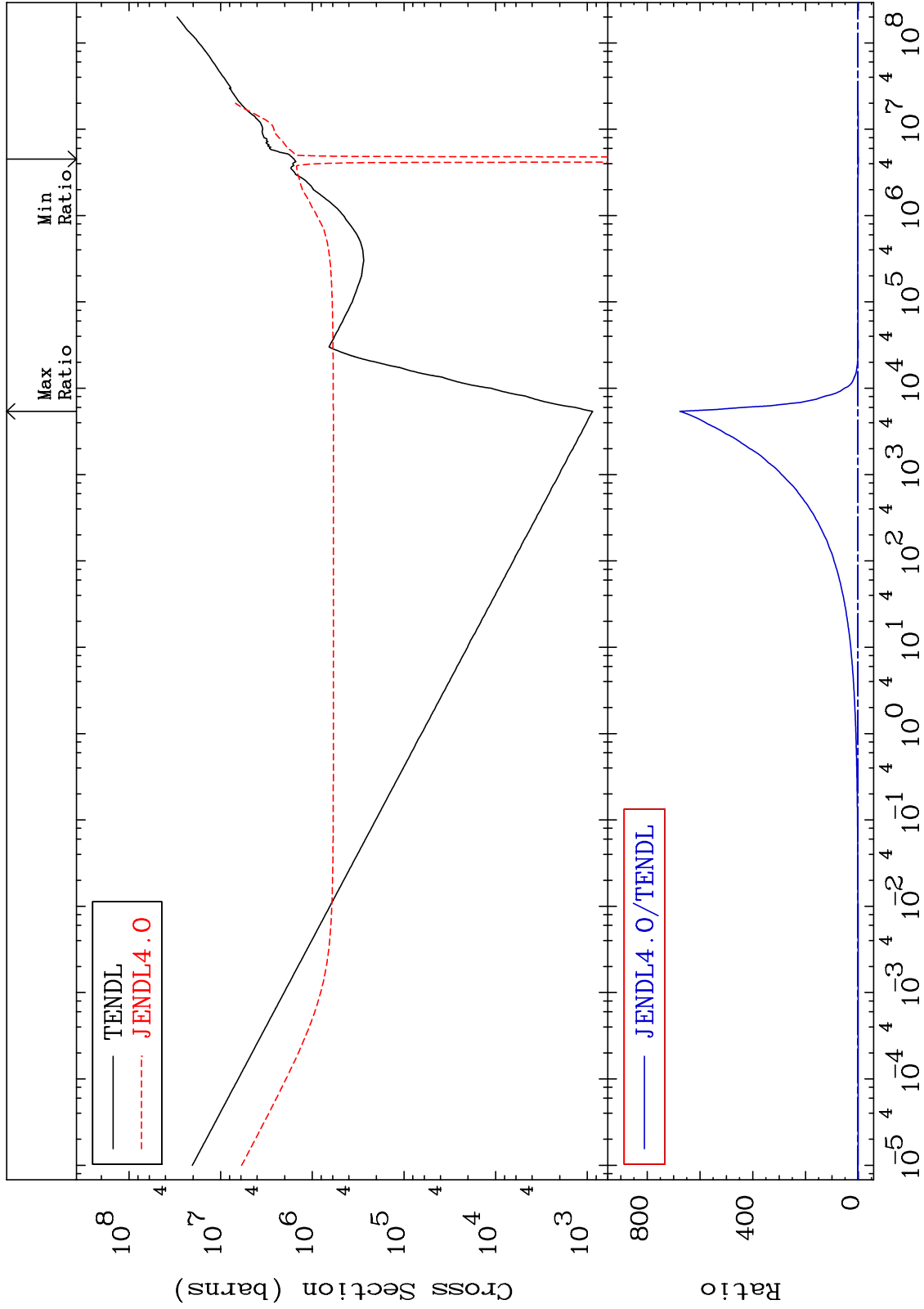
16-S -33
-97.84 To 299.8 %



MAT 1628

Kerma non-elastic (all but mt2)
Cross Section

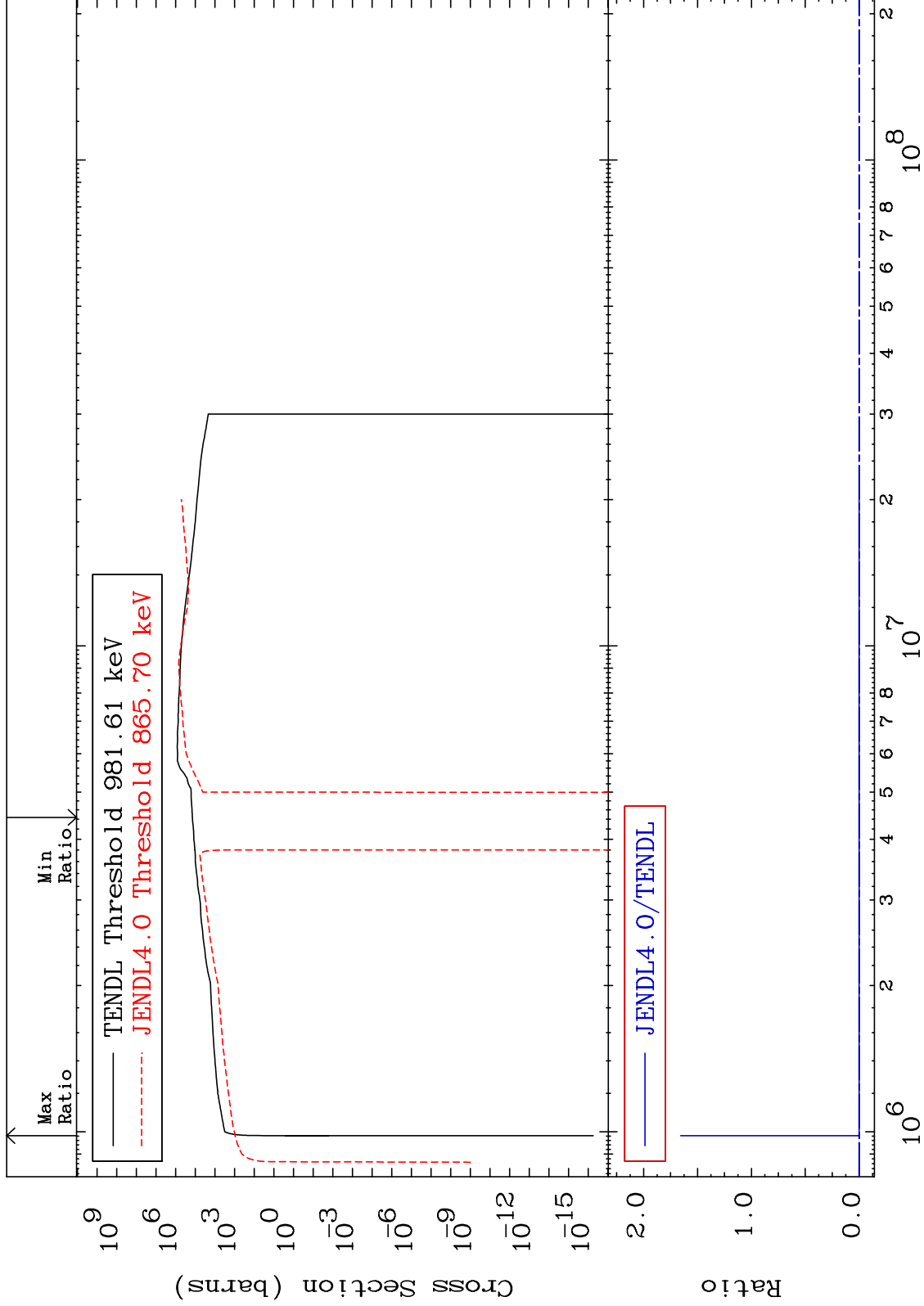
16-S -33
-143.4 To 9999. %



22

Incident Energy (eV)

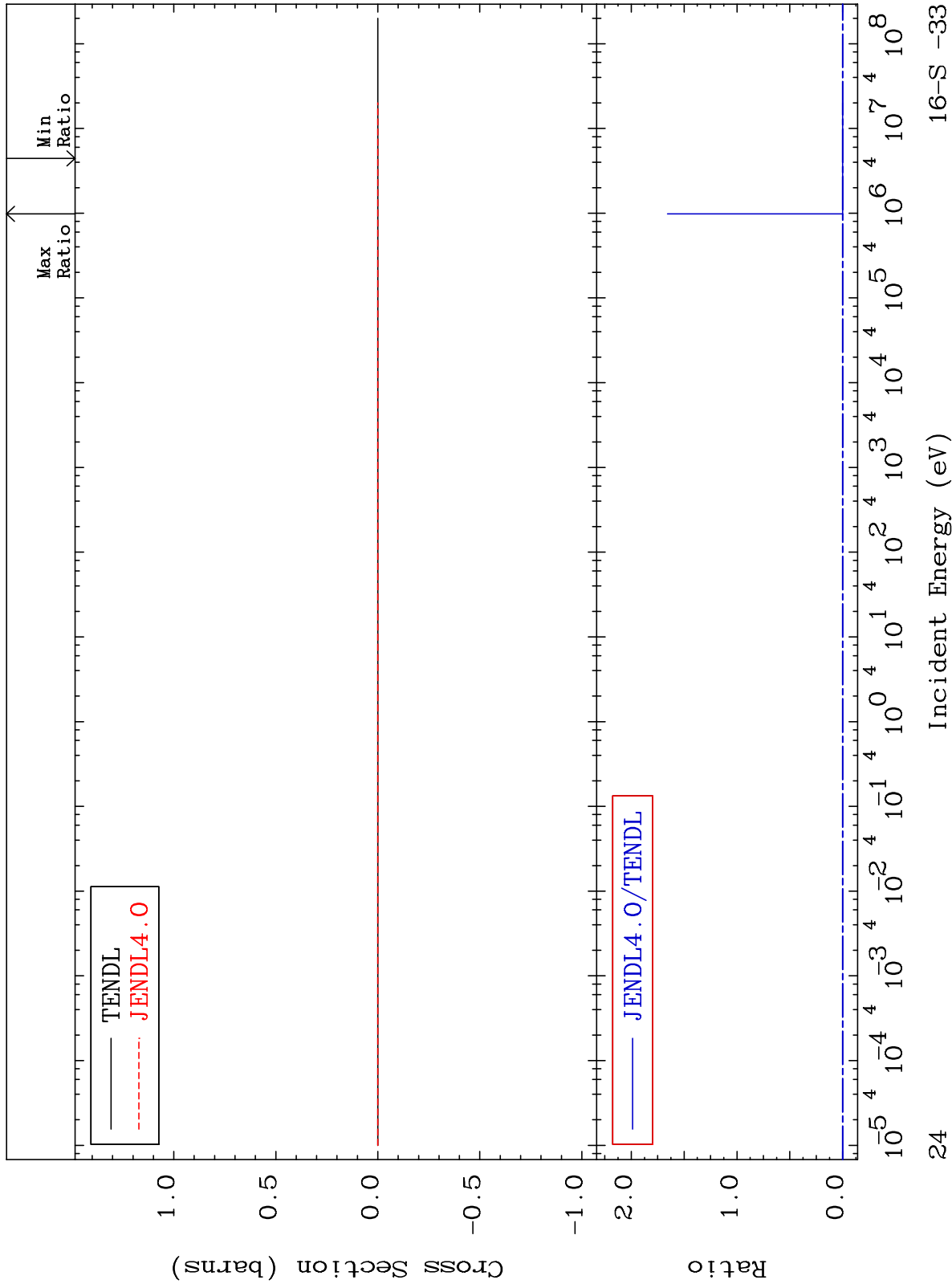
16-S -33



MAT 1628

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

16-S -33
-1636. To 9999. %



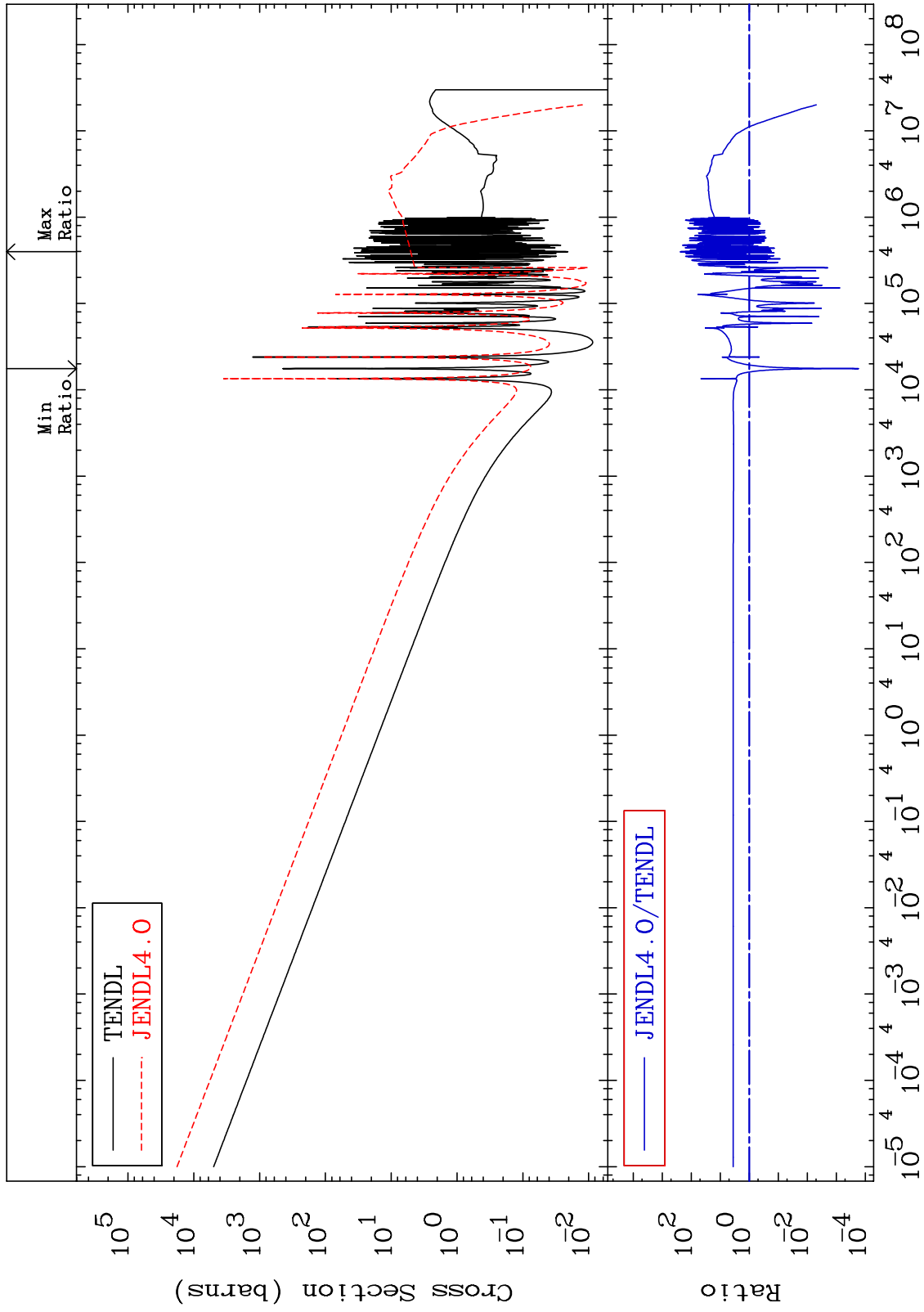
24

16-S -33

MAT 1628

Kerma capture (mt102)
Cross Section

16-S -33
-99.98 To 9999. %



25

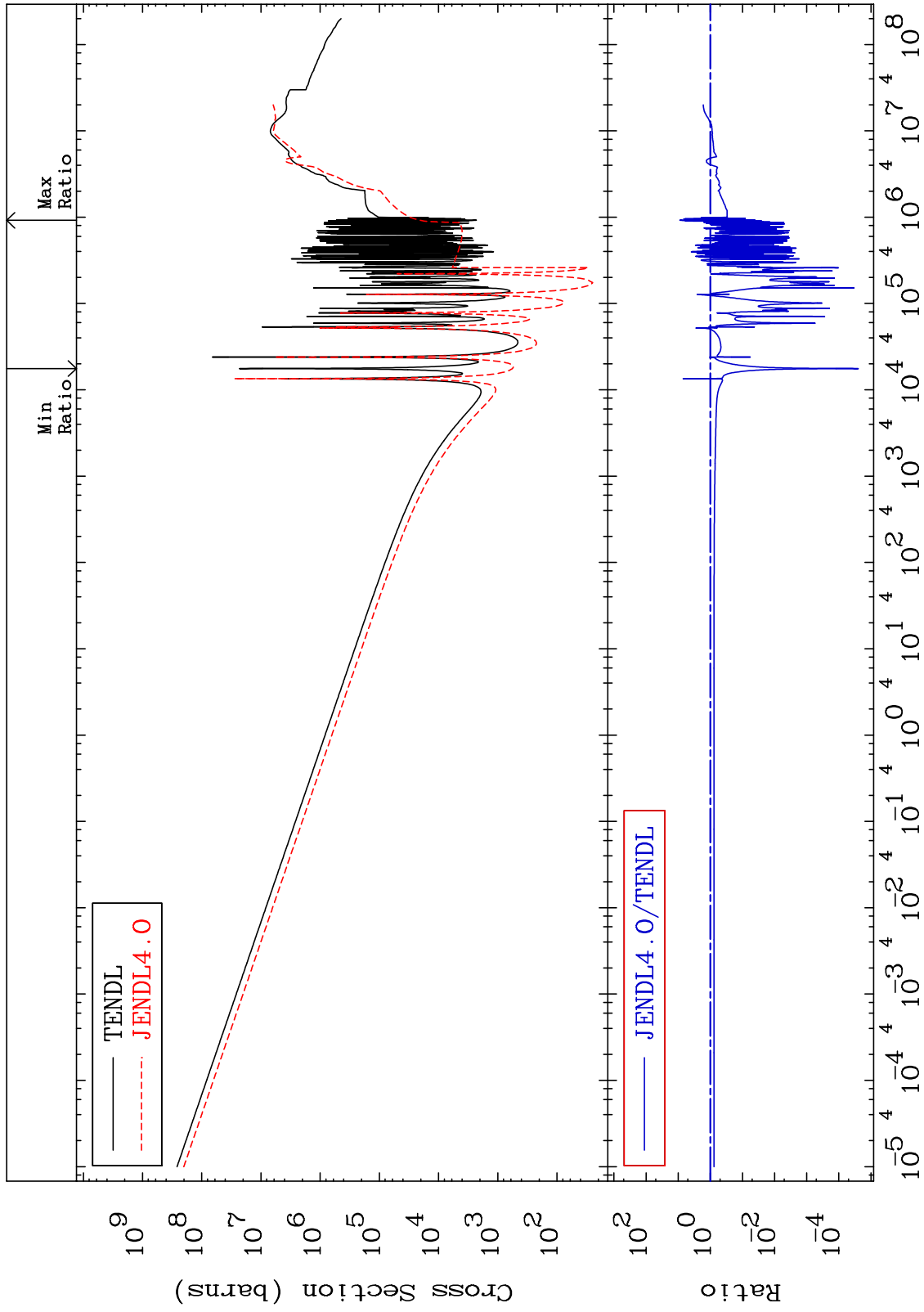
Incident Energy (eV)

16-S -33

MAT 1628

Total photon (eV-barns)
Cross Section

16-S -33
-100.0 To 778.7 %



26

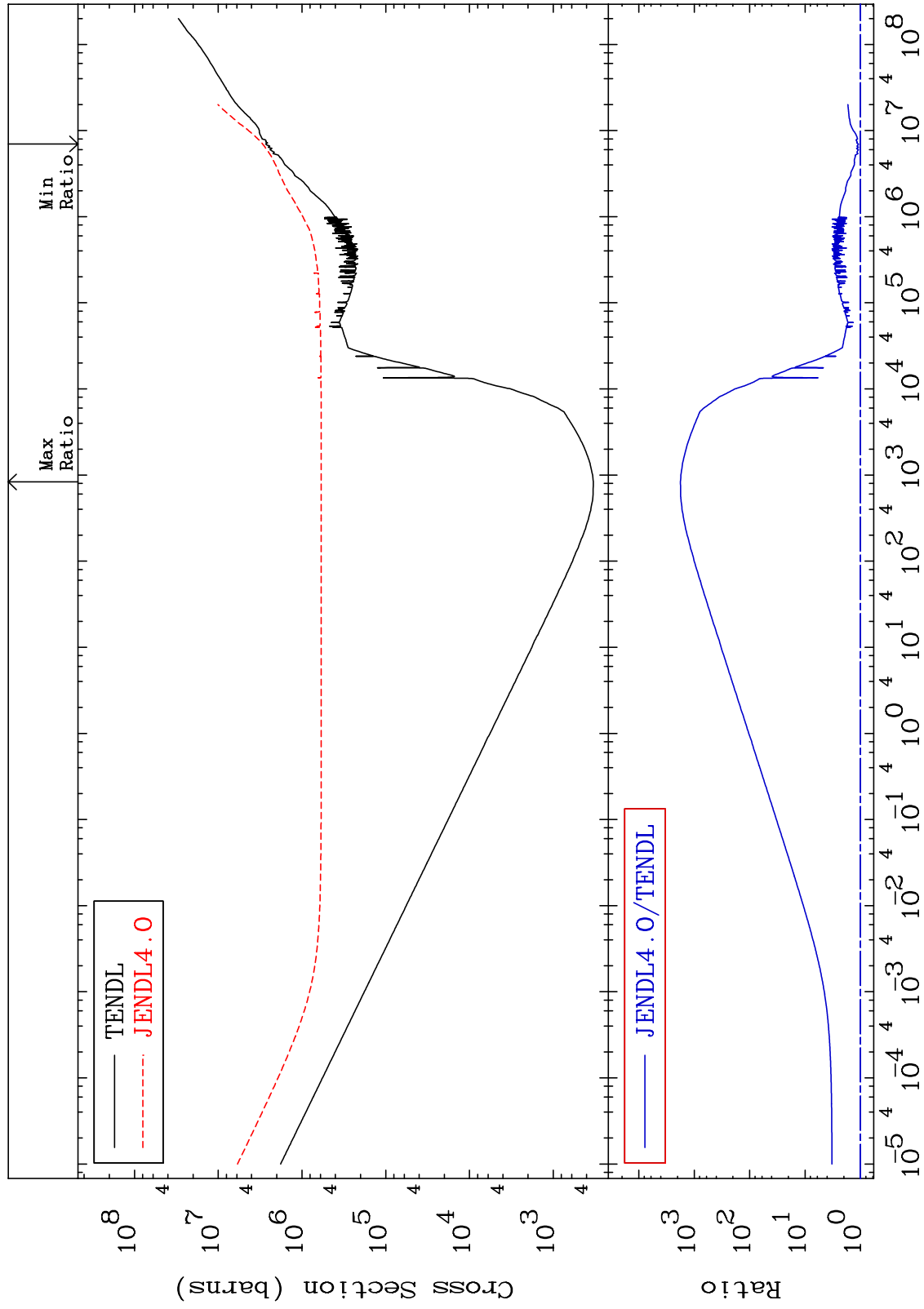
Incident Energy (eV)

16-S -33

MAT 1628

Total kinematic kerma (high limit)
Cross Section

16-S -33
8.580 To 9999. %



27

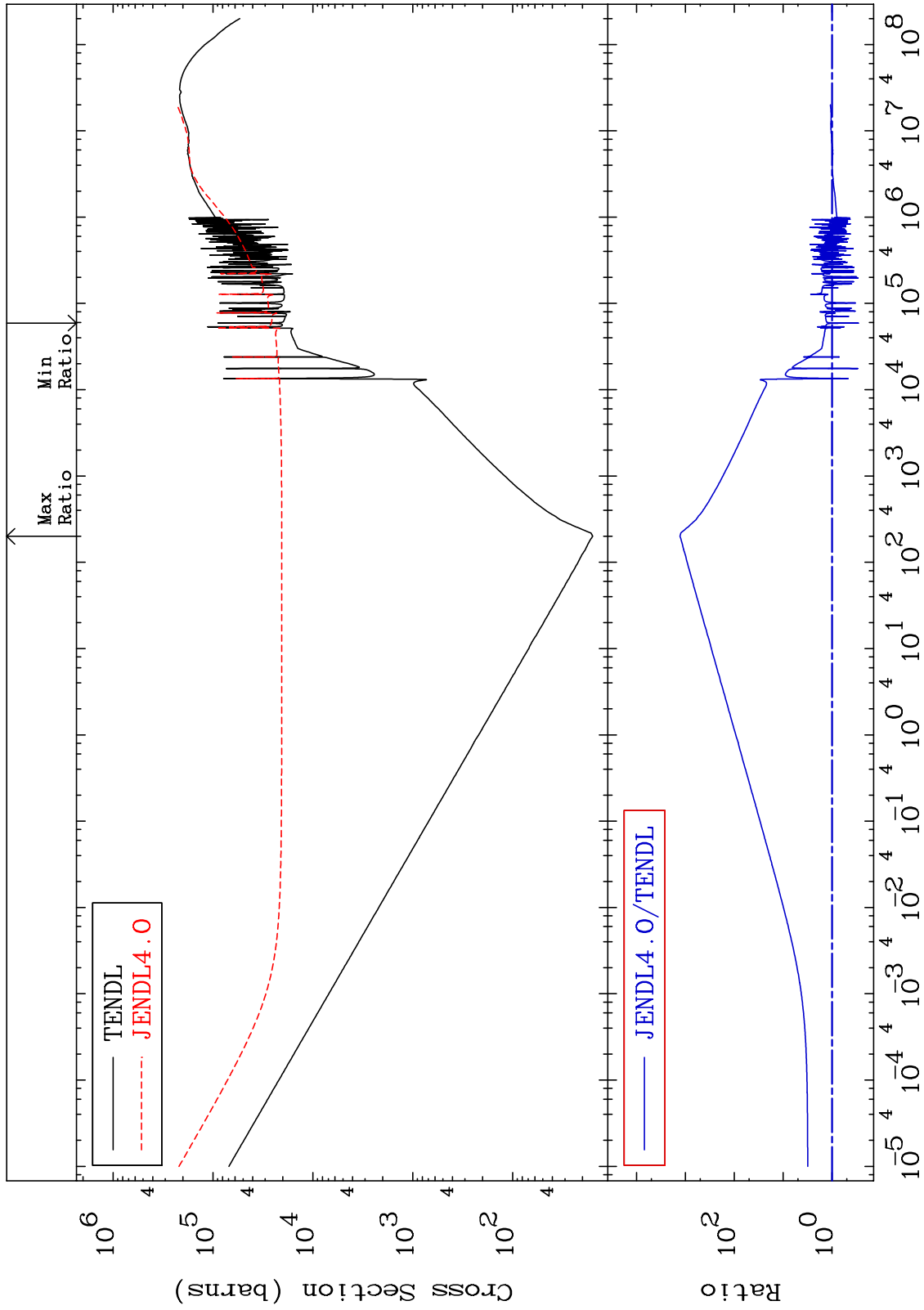
Incident Energy (eV)

16-S -33

MAT 1628

Dpa total (eV-barns)
Cross Section

16-S -33
-71.08 To 9999. %



28

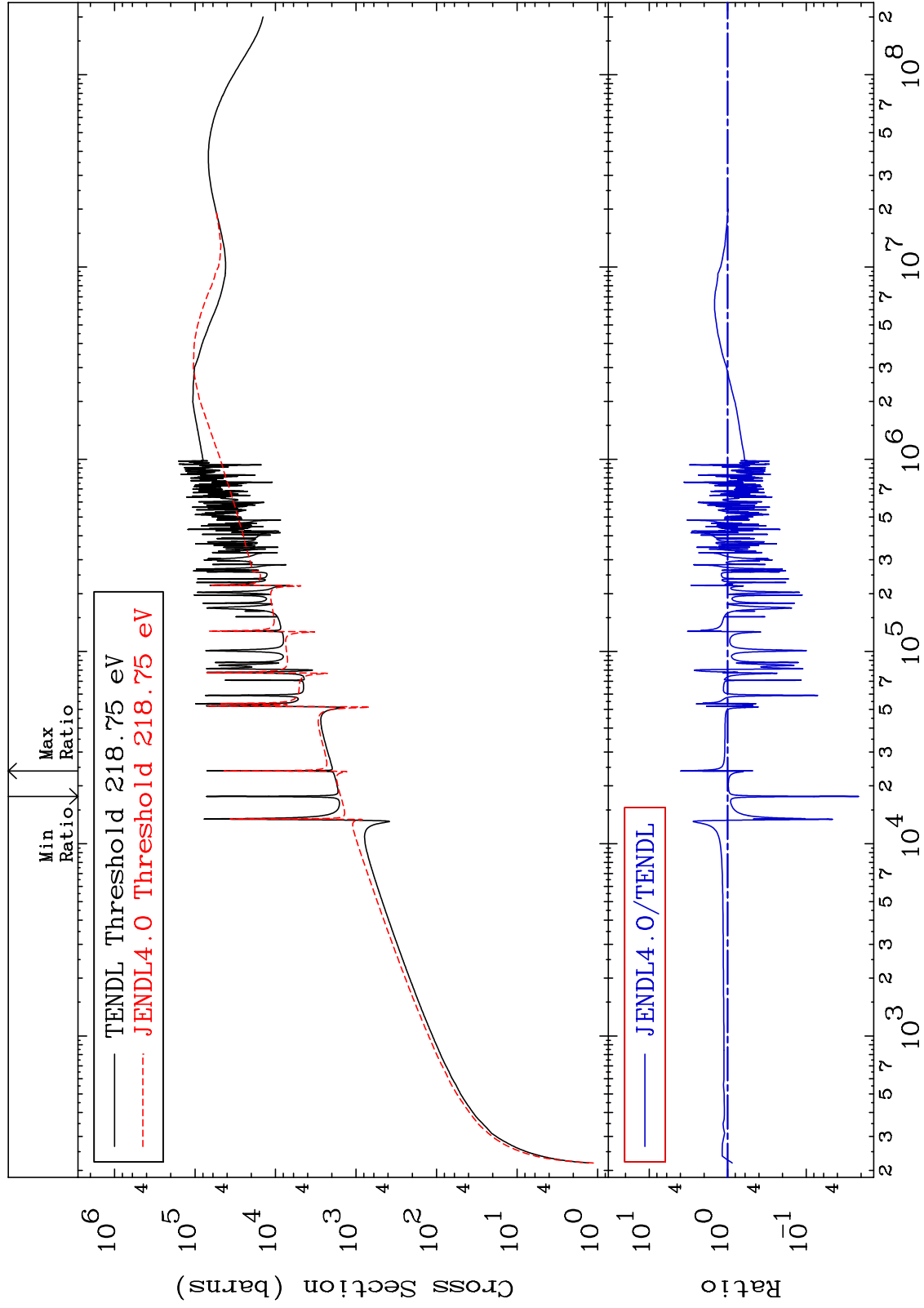
Incident Energy (eV)

16-S -33

MAT 1628

Dpa elastic (mt2)
Cross Section

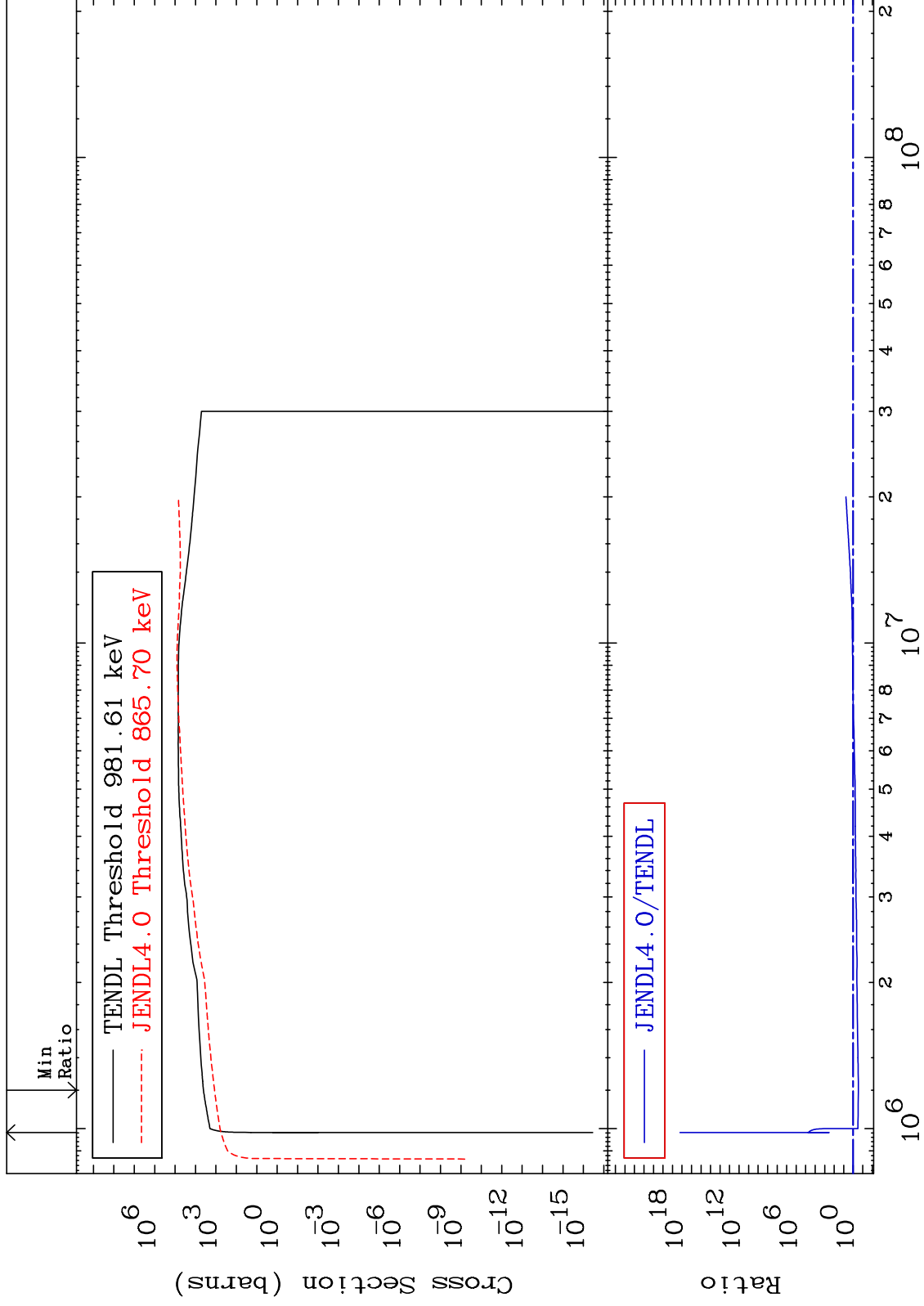
16-S -33
-97.84 To 299.9 %



MAT 1628

Dpa inelastic (mt51-91)
Cross Section

16-S -33
-71.45 To 9999. %



30

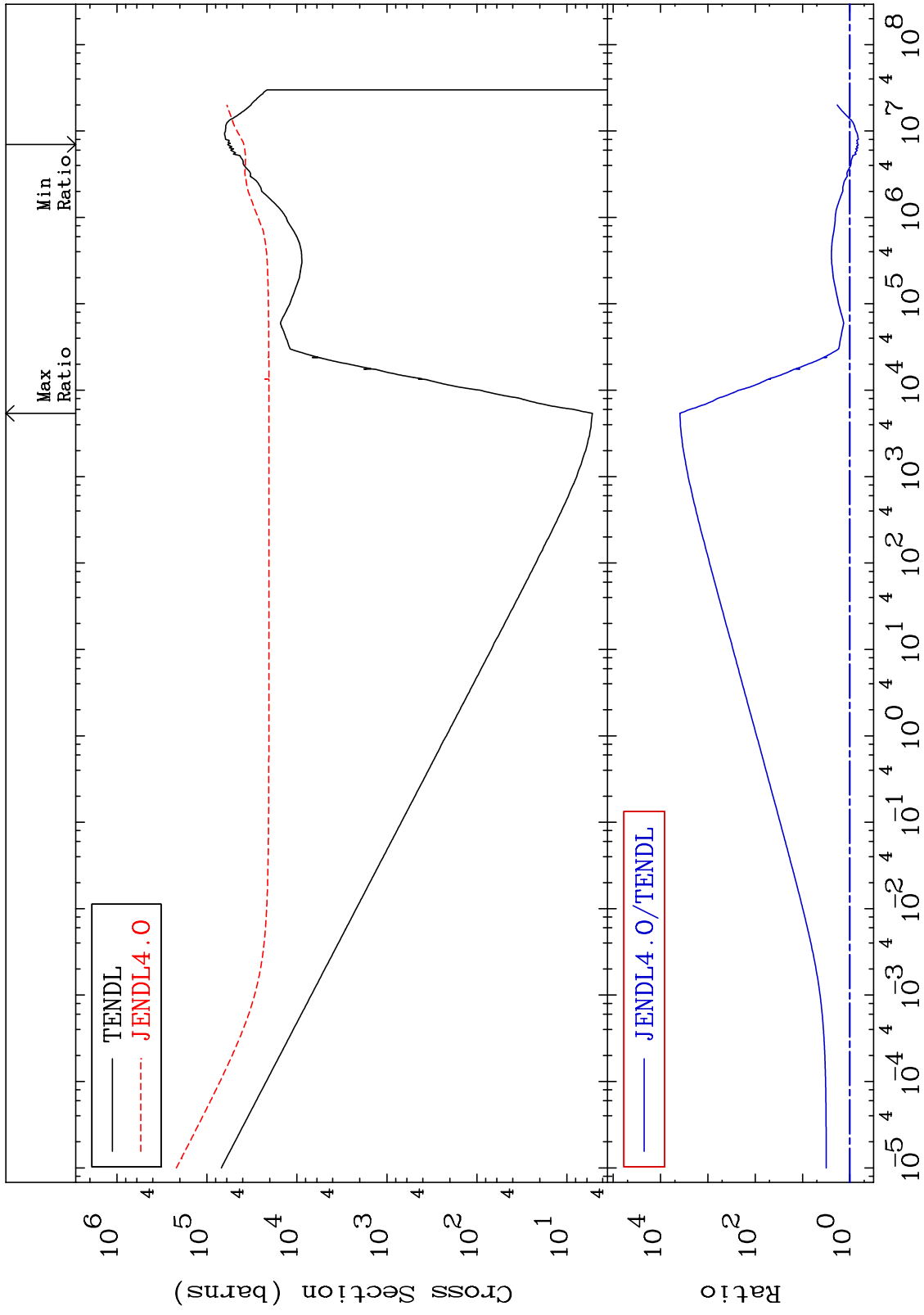
Incident Energy (eV)

16-S -33

MAT 1628

Dpa disappearance (mt102 -120)
Cross Section

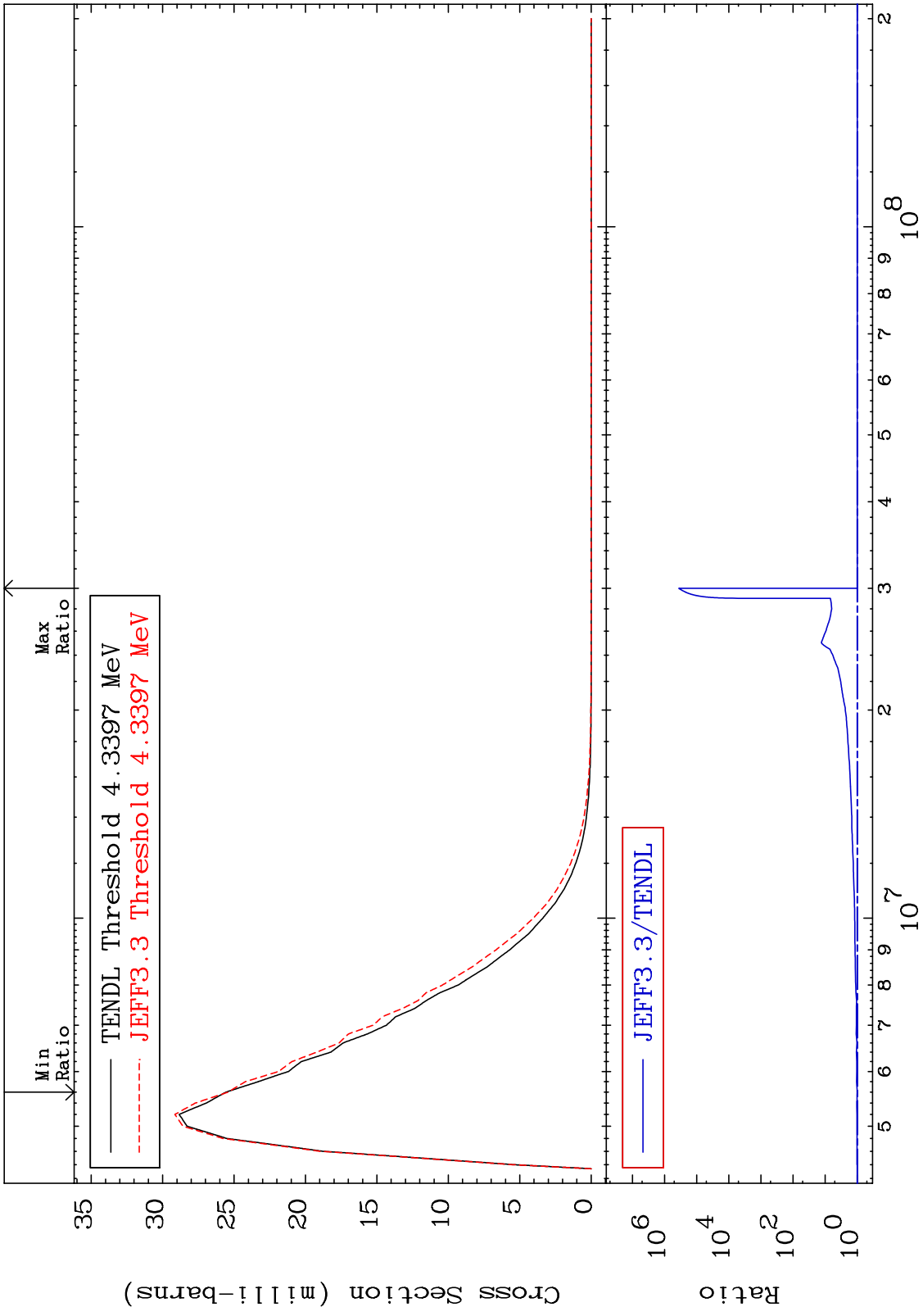
16-S -33
-33.81 To 9999. %



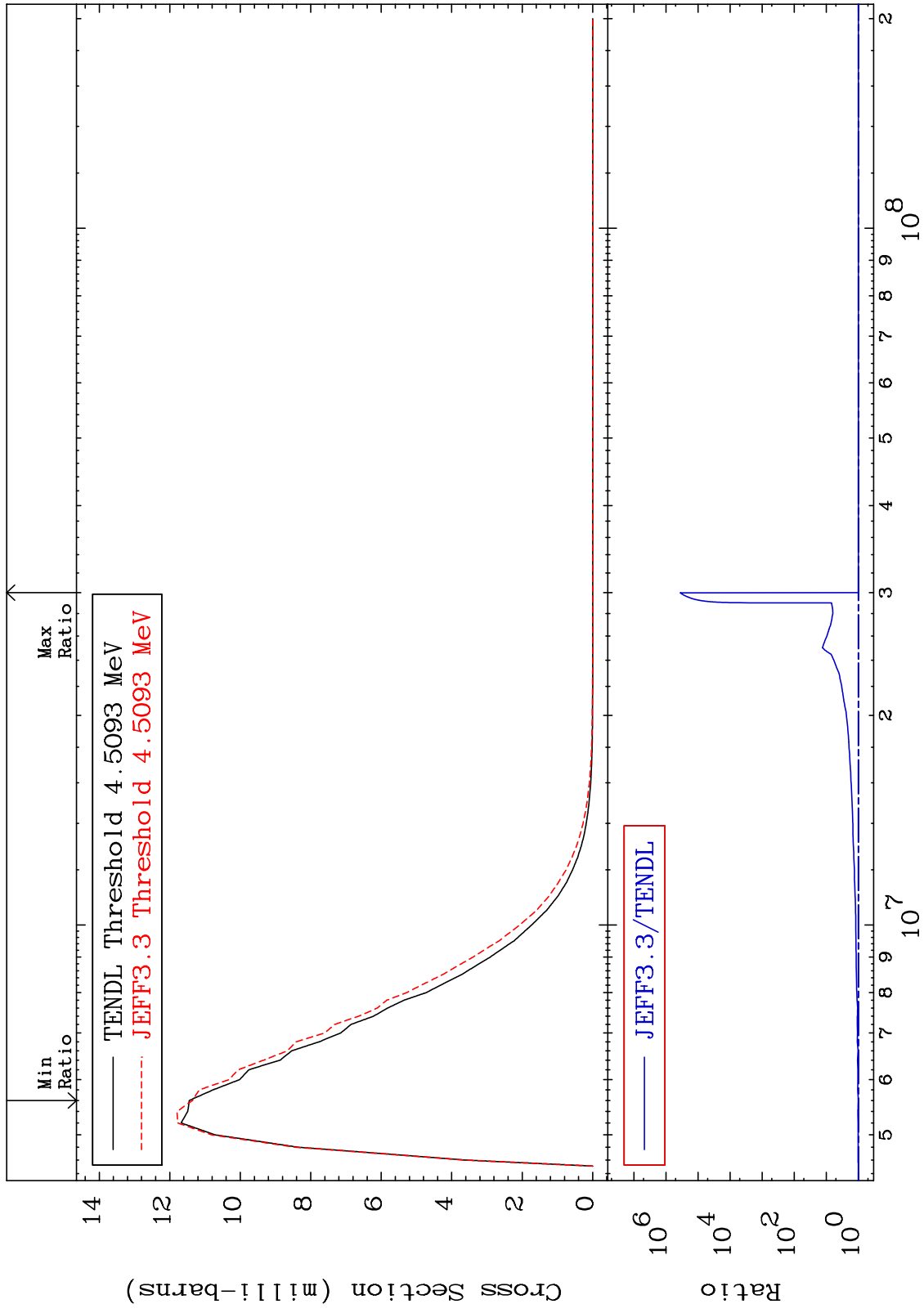
MAT 1628

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

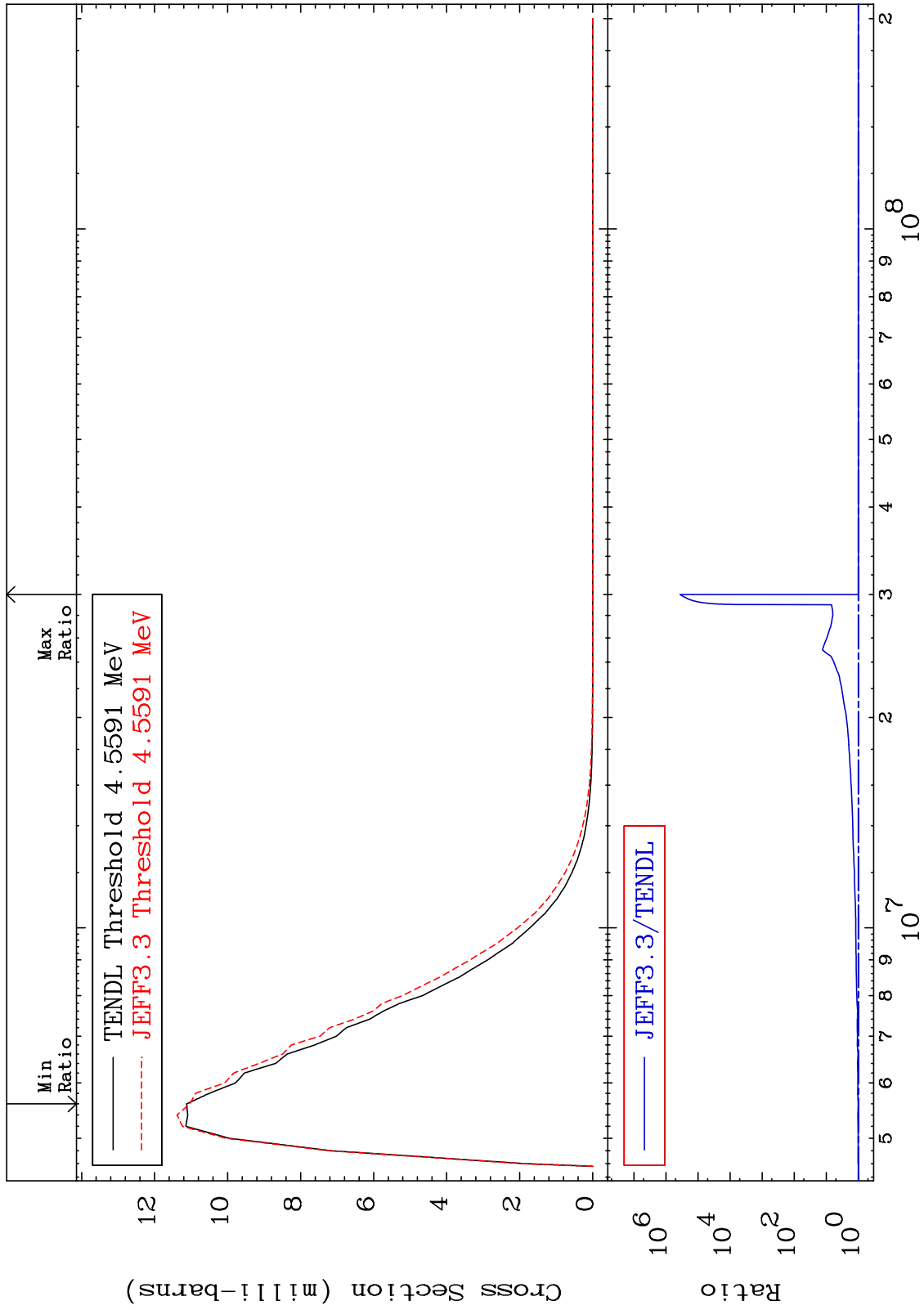
16-S -33
-0.574 To 9999. %



MAT 1628 MT= 67 (n,n') Level Cross Section -0.810 To 9999. % 16-S -33



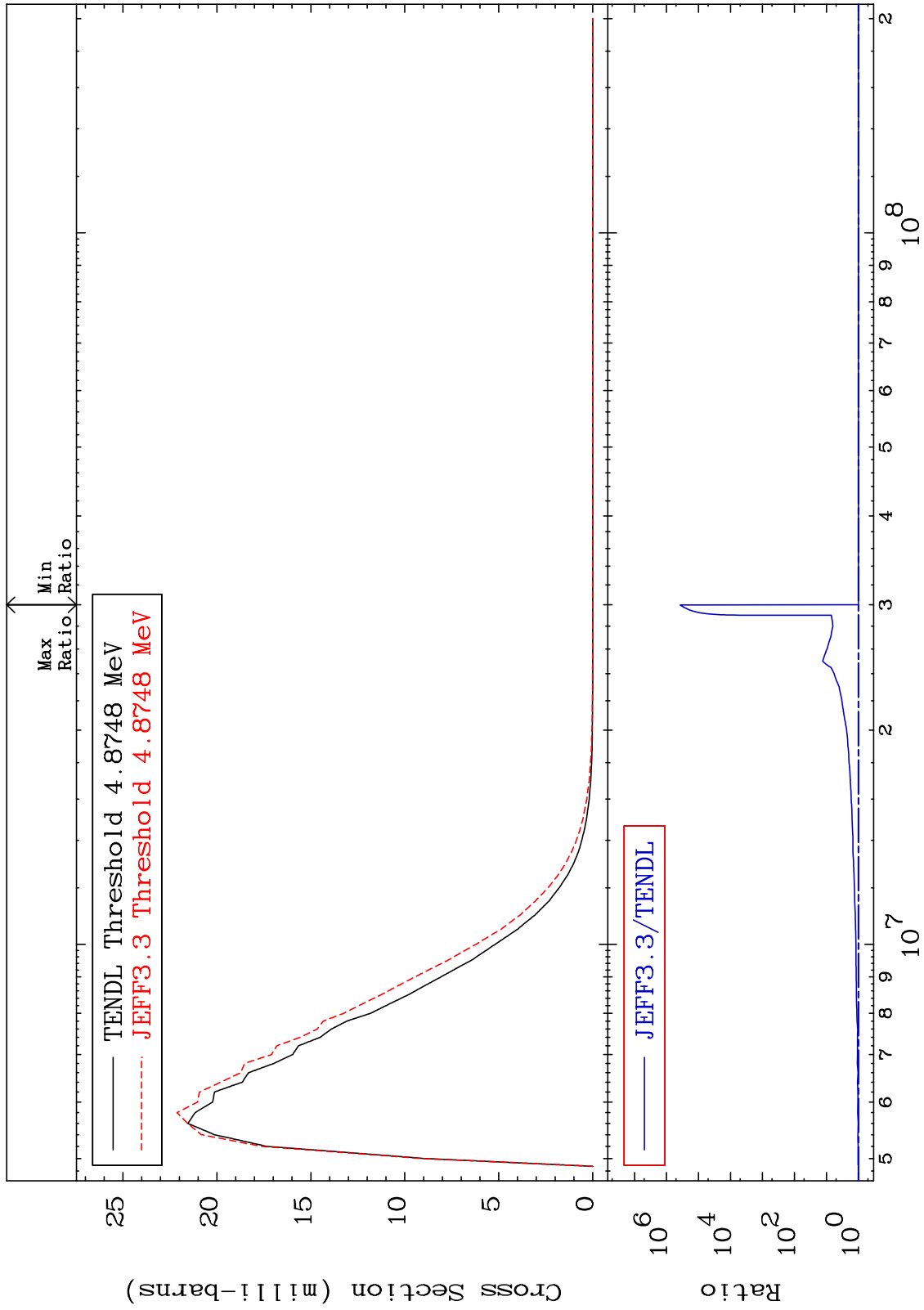
MAT 1628 MT= 68 (n,n') Level Cross Section -0.815 To 9999. % 16-S -33



16-S -33

Incident Energy (eV)

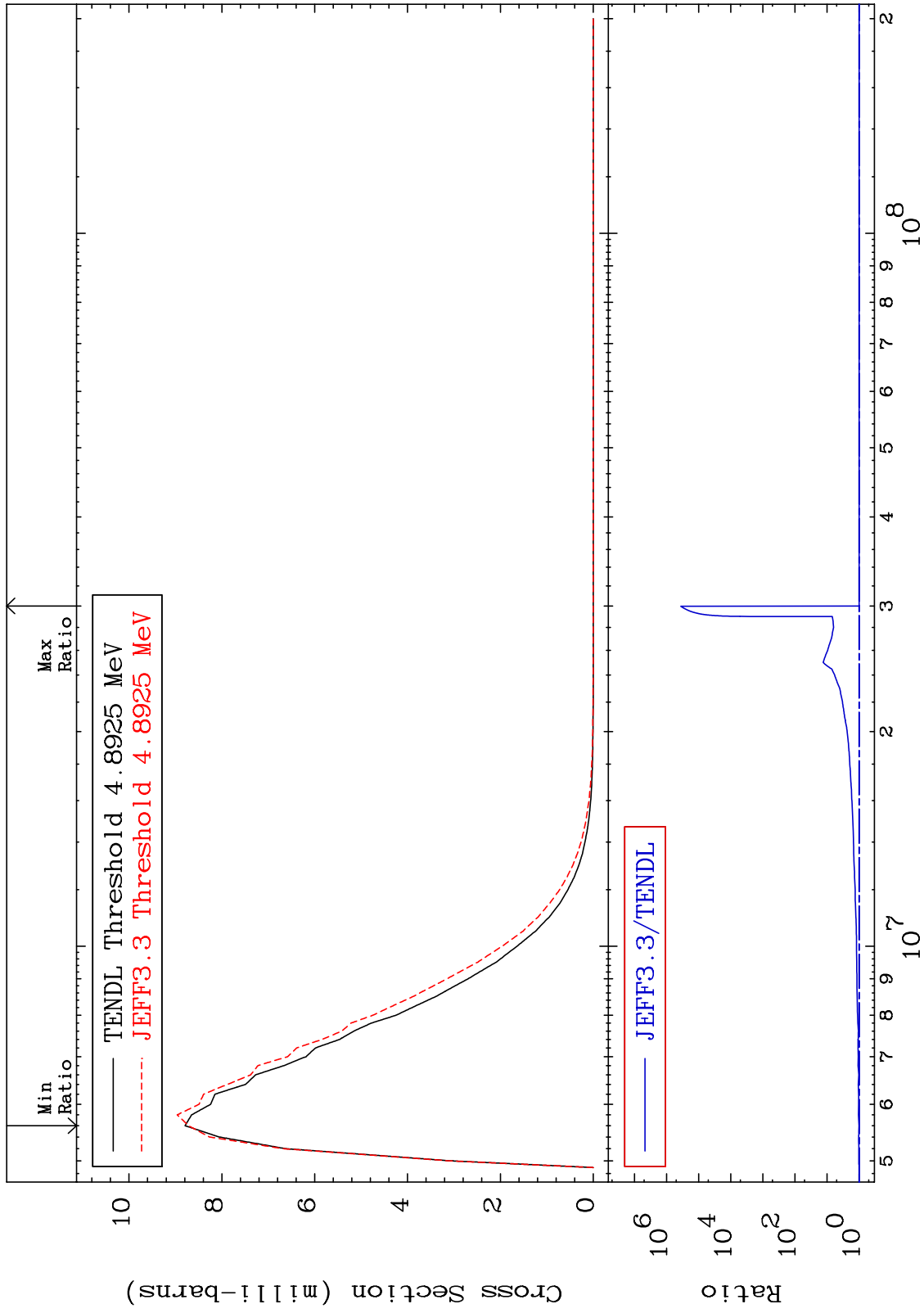
MAT 1628 MT= 69 (n, n') Level Cross Section 16-S -33
0.000 To 9999. %



MAT 1628

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

16-S -33
-0.847 To 9999. %



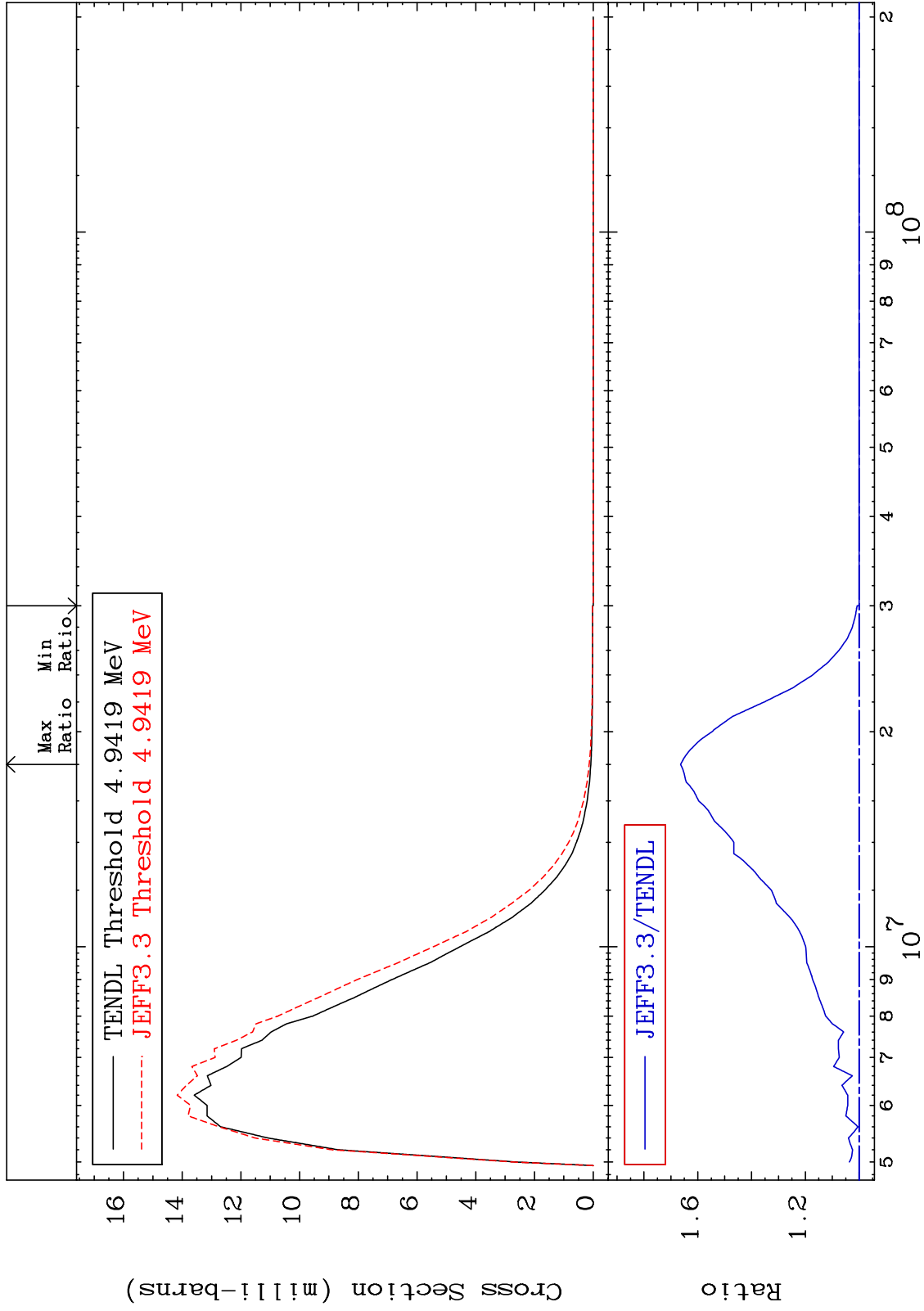
36

16-S -33

MAT 1628

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

0.000 To 66.38 %
16-S -33



37

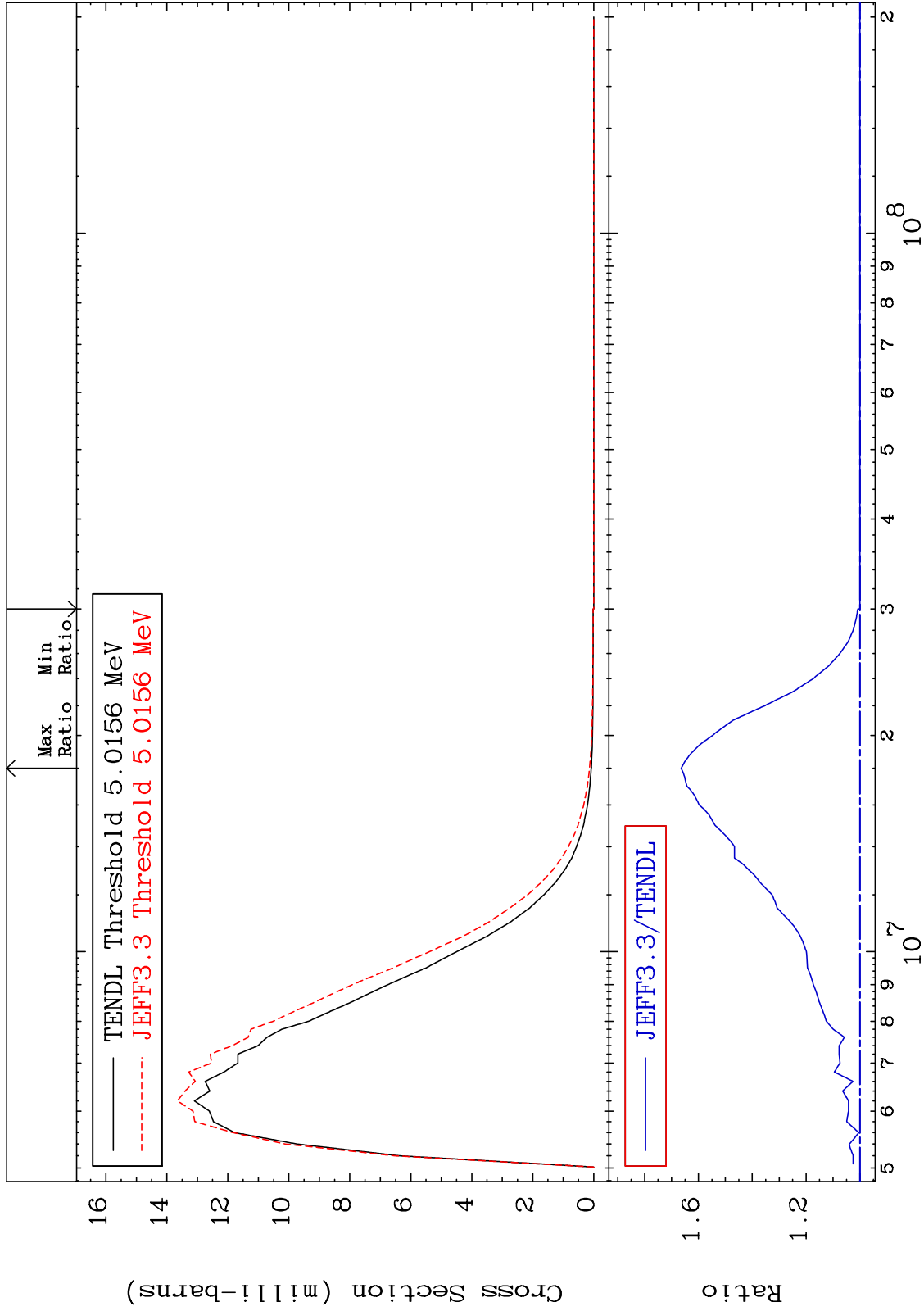
Incident Energy (eV)

16-S -33

MAT 1628

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

0.000 To 66.40 %
16-S -33



38

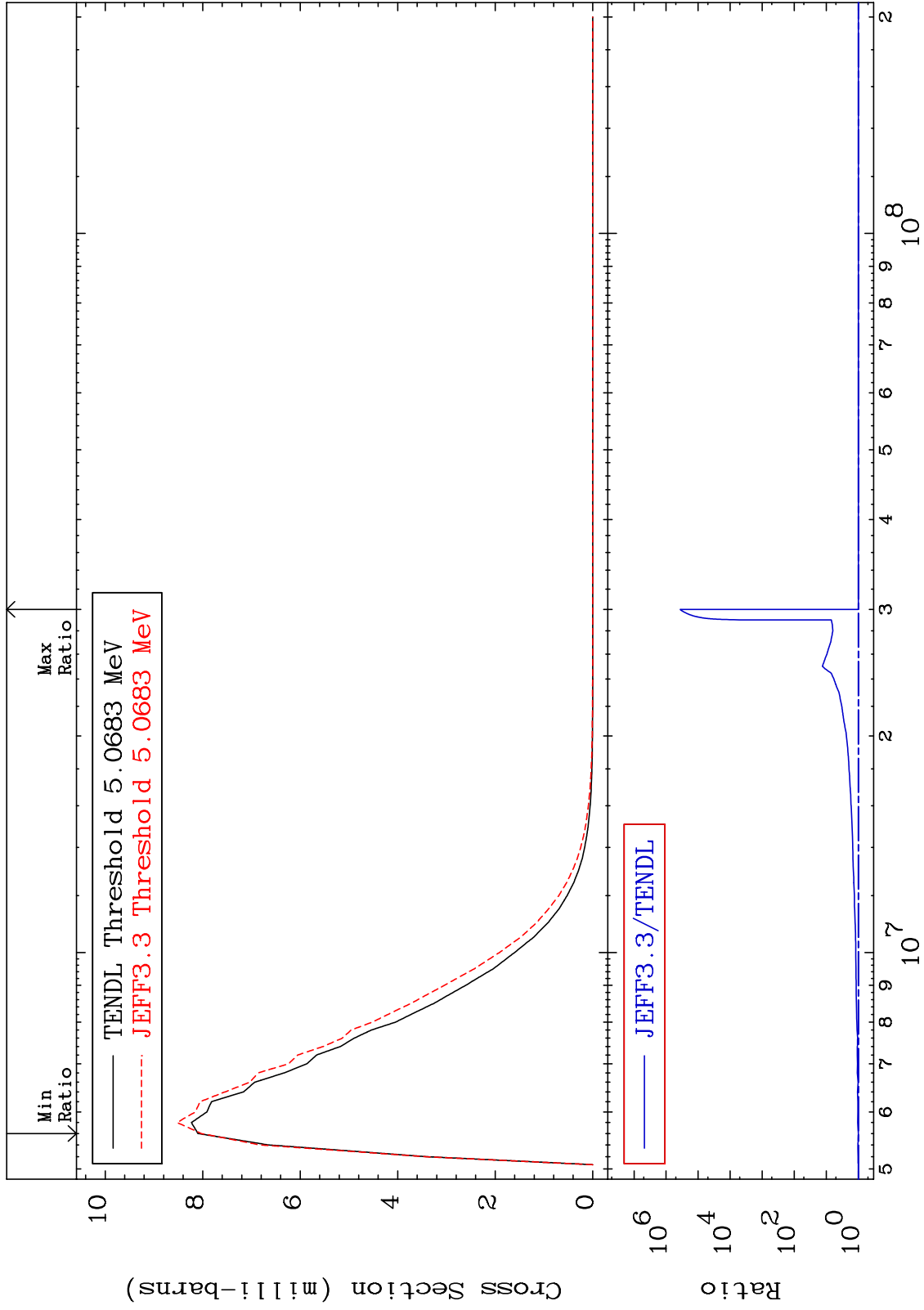
Incident Energy (eV)

16-S -33

MAT 1628

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

16-S -33
-0.858 To 9999. %

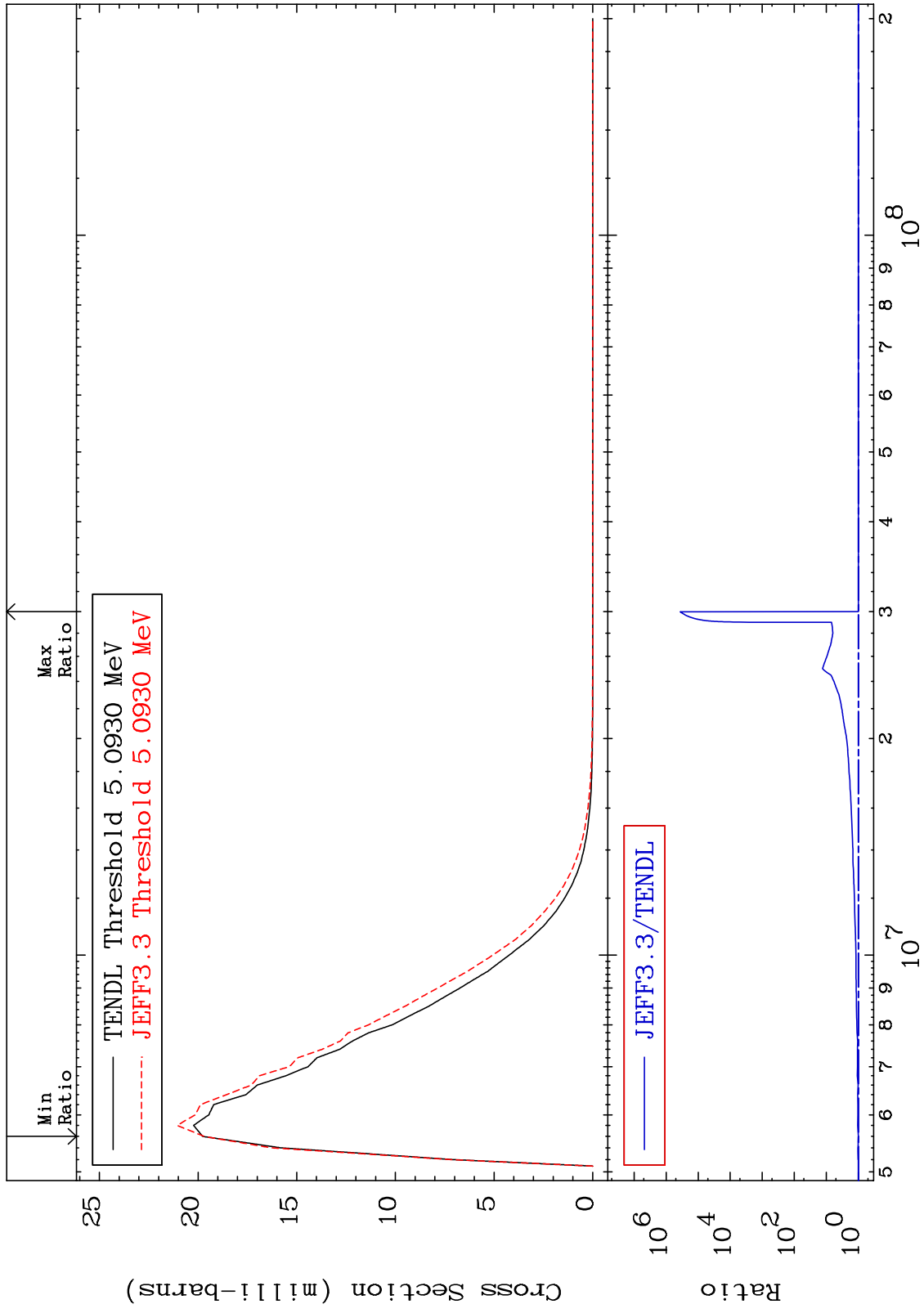


39

Incident Energy (eV)

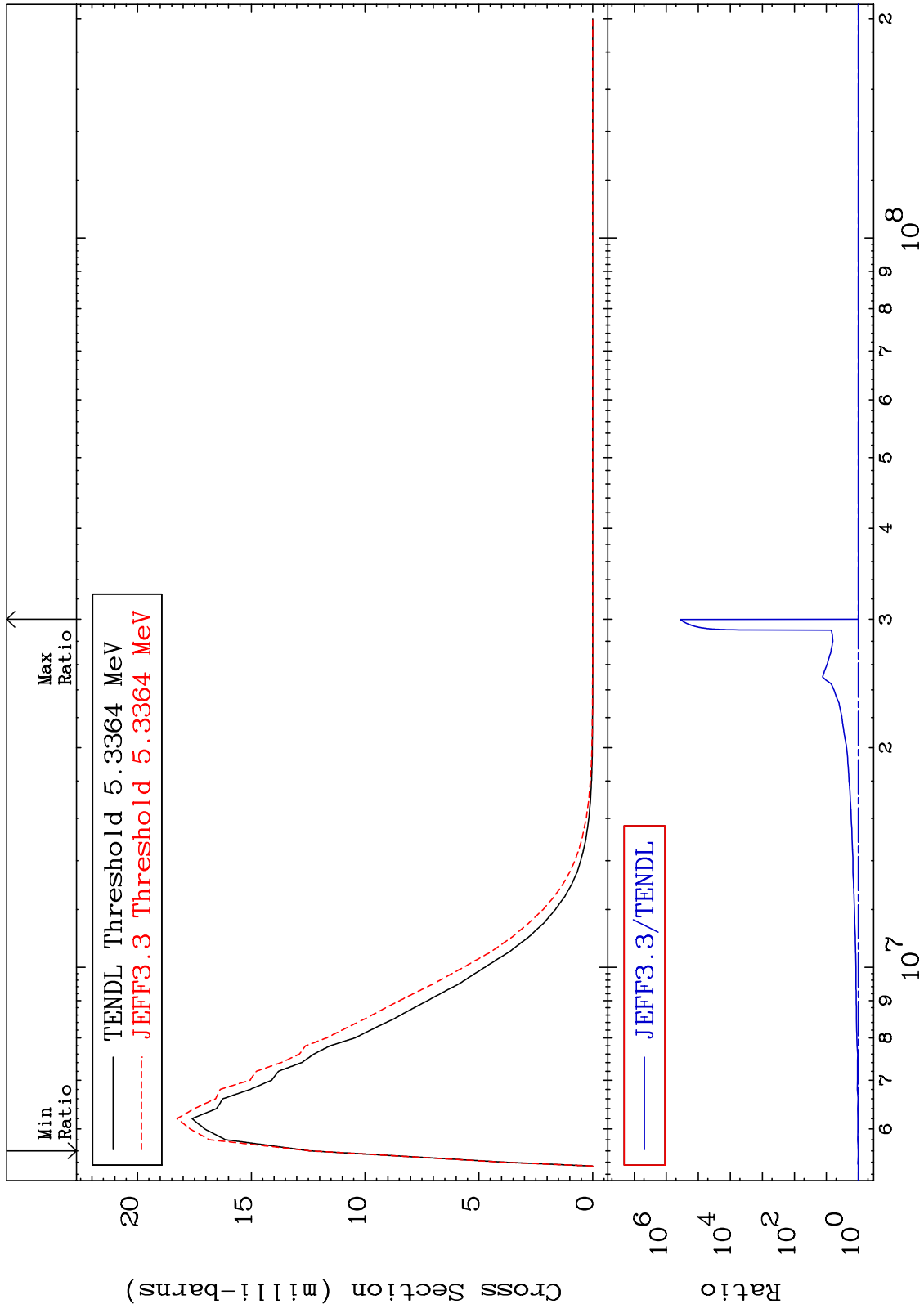
16-S -33

MAT 1628 MT= 74 (n,n') Level Cross Section -0.330 To 9999. % 16-S -33



40 16-S -33

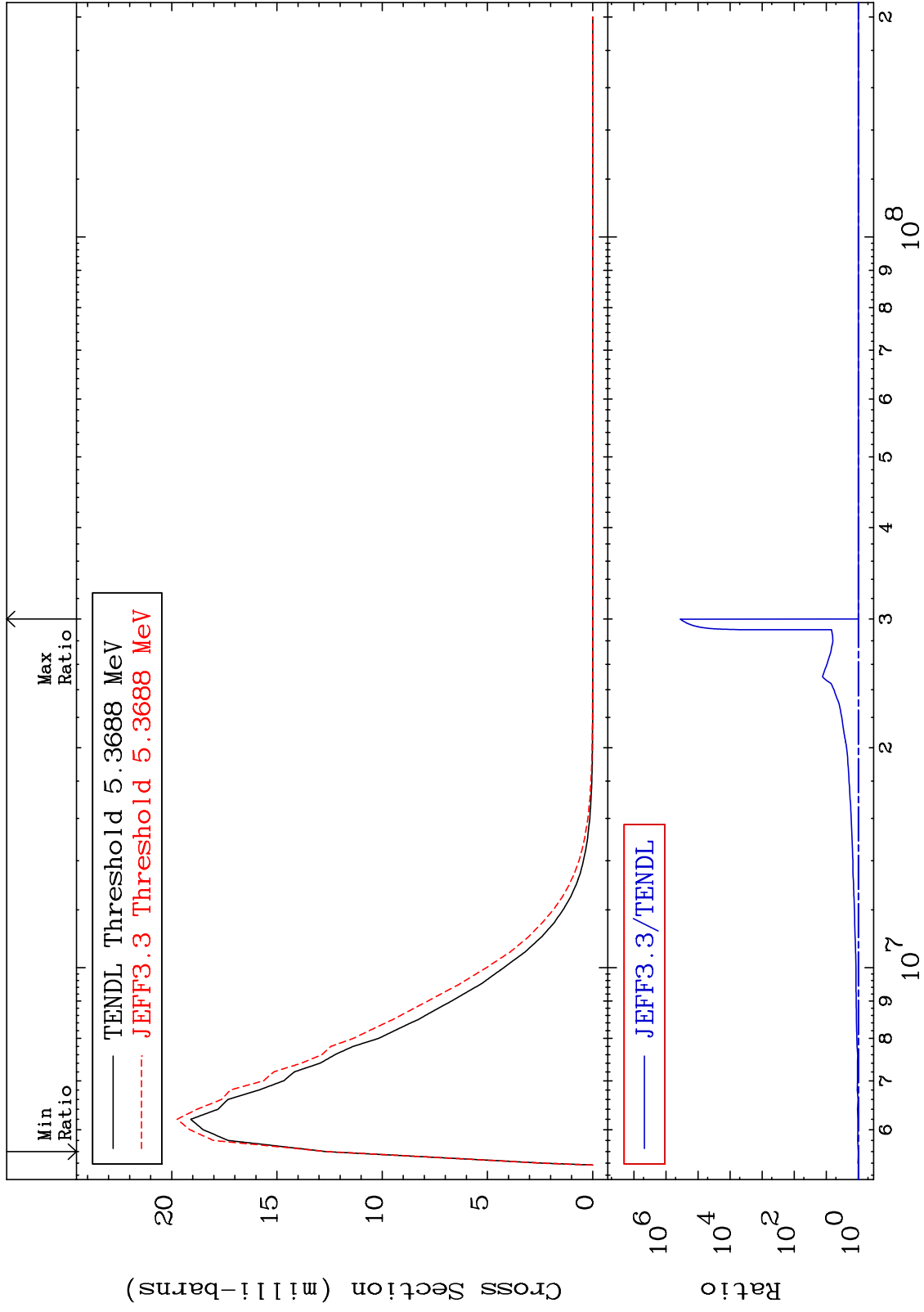
MAT 1628 MT= 75 (n,n') Level Cross Section -0.121 To 9999. % 16-S -33



MAT 1628

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

16-S -33
-0.424 To 9999. %



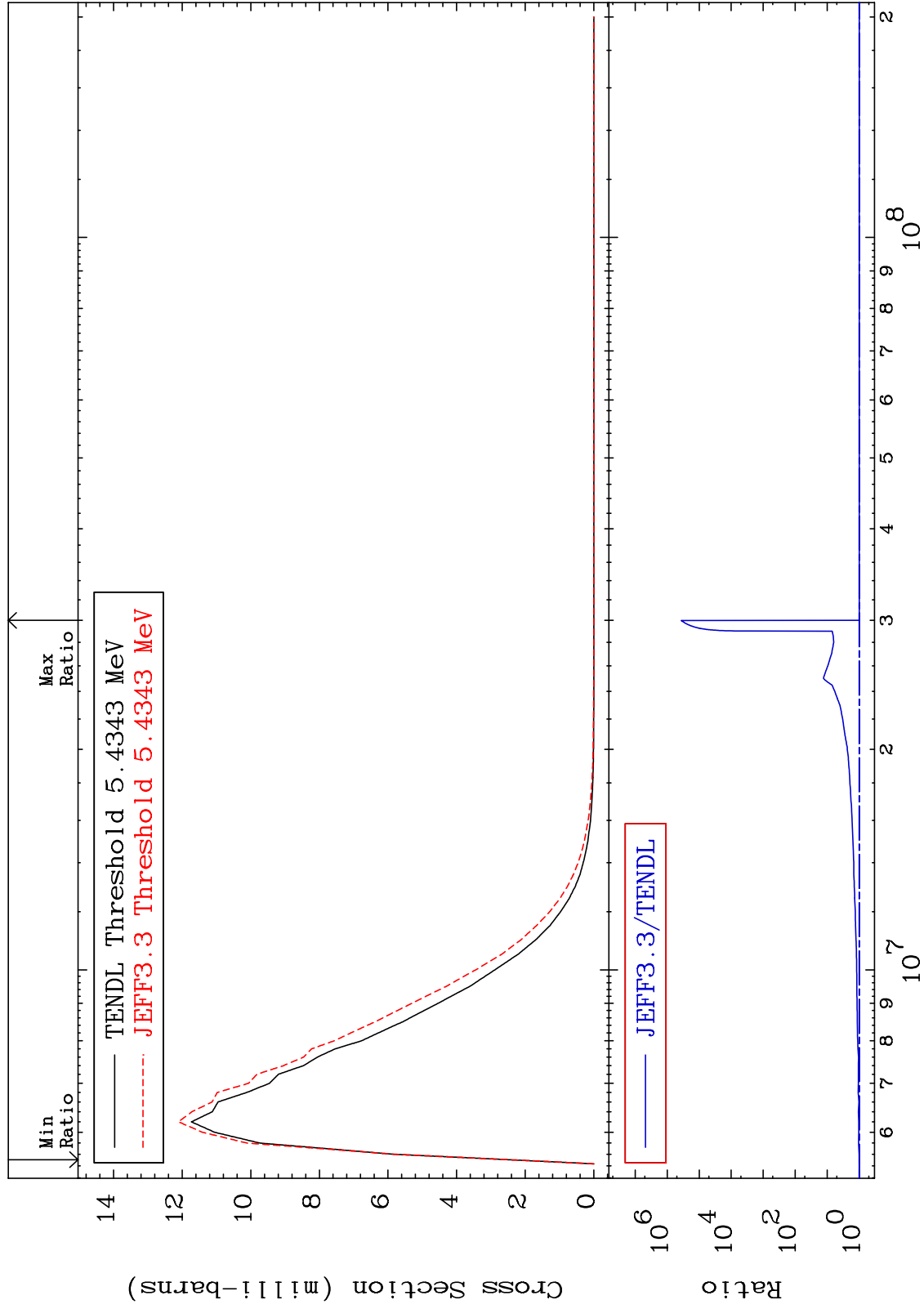
42

16-S -33

MAT 1628

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

16-S -33
-0.612 To 9999. %



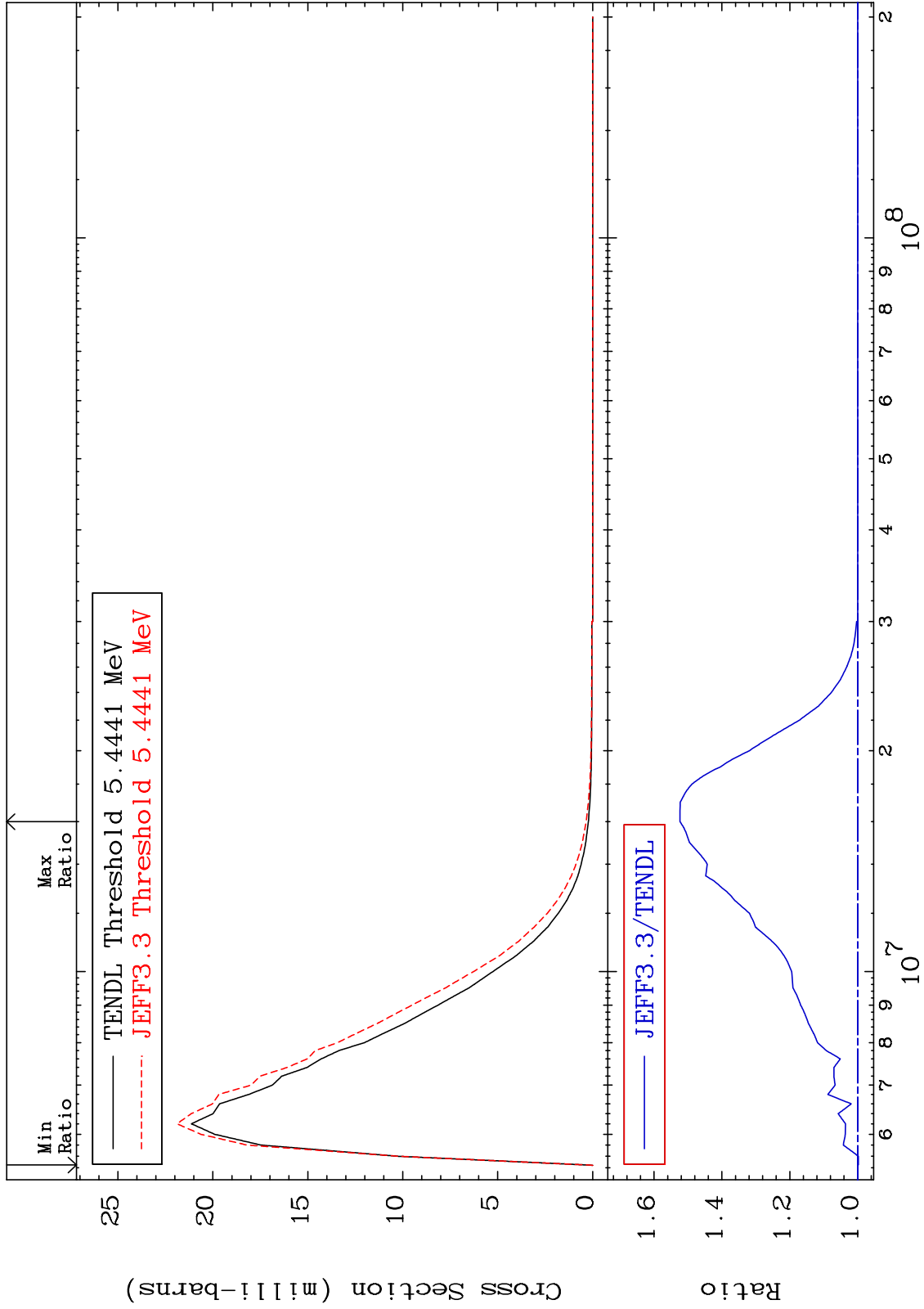
43

16-S -33

MAT 1628

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

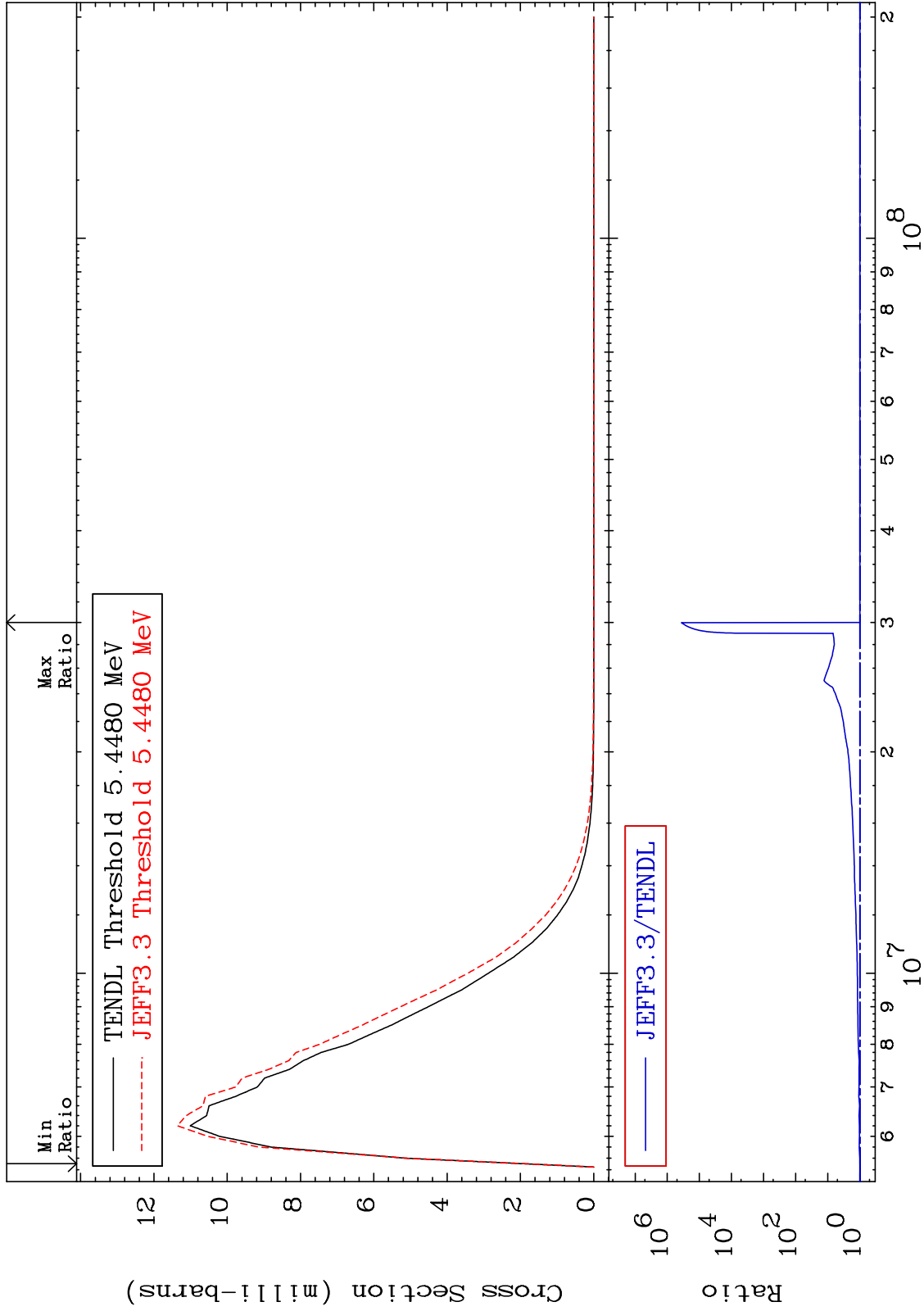
16-S -33
-0.227 To 52.35 %



MAT 1628

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

16-S -33
-0.640 To 9999. %



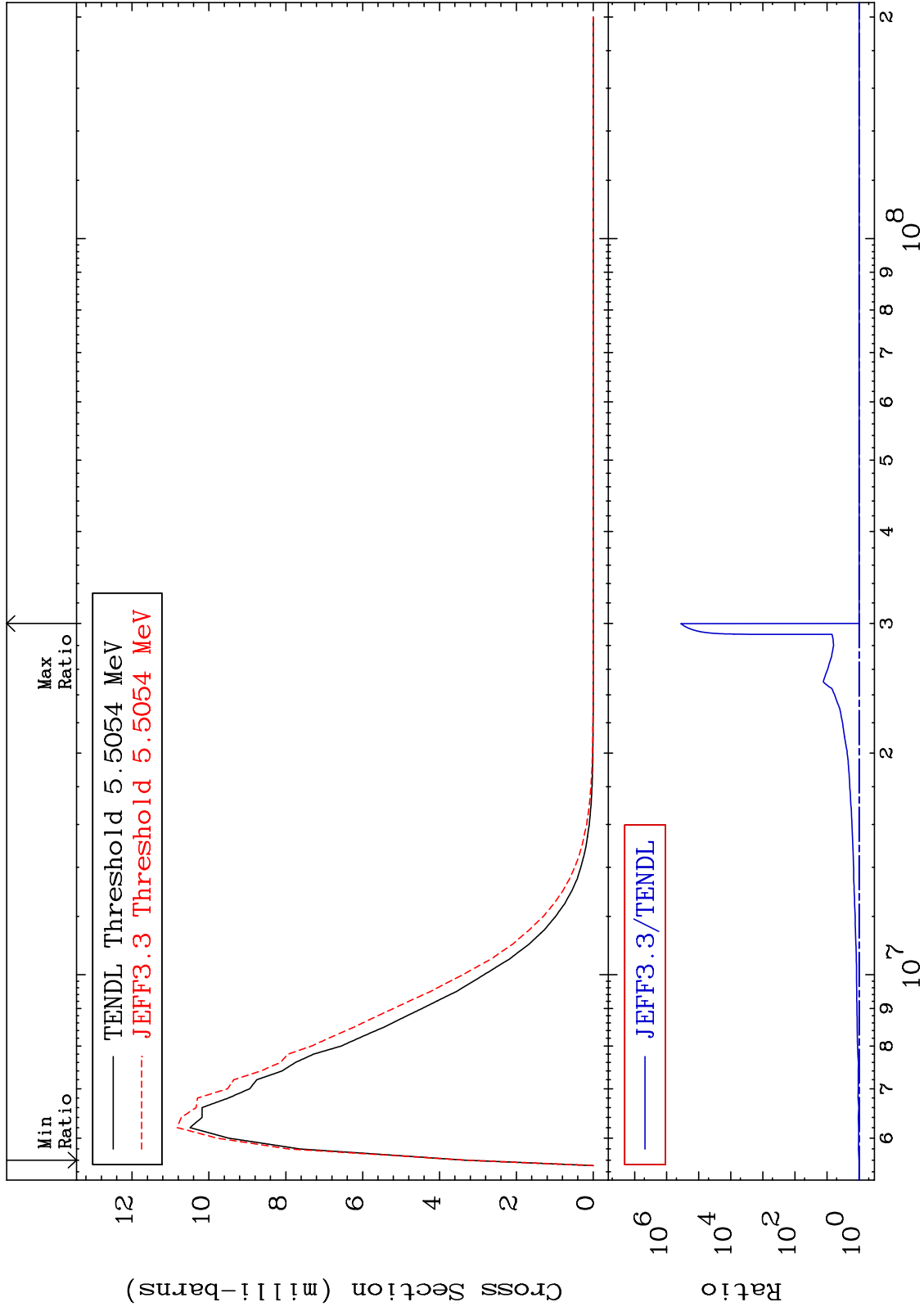
45

16-S -33

MAT 1628

MT= 80 (n,n') Level
Cross Section

16-S -33
-0.651 To 9999. %



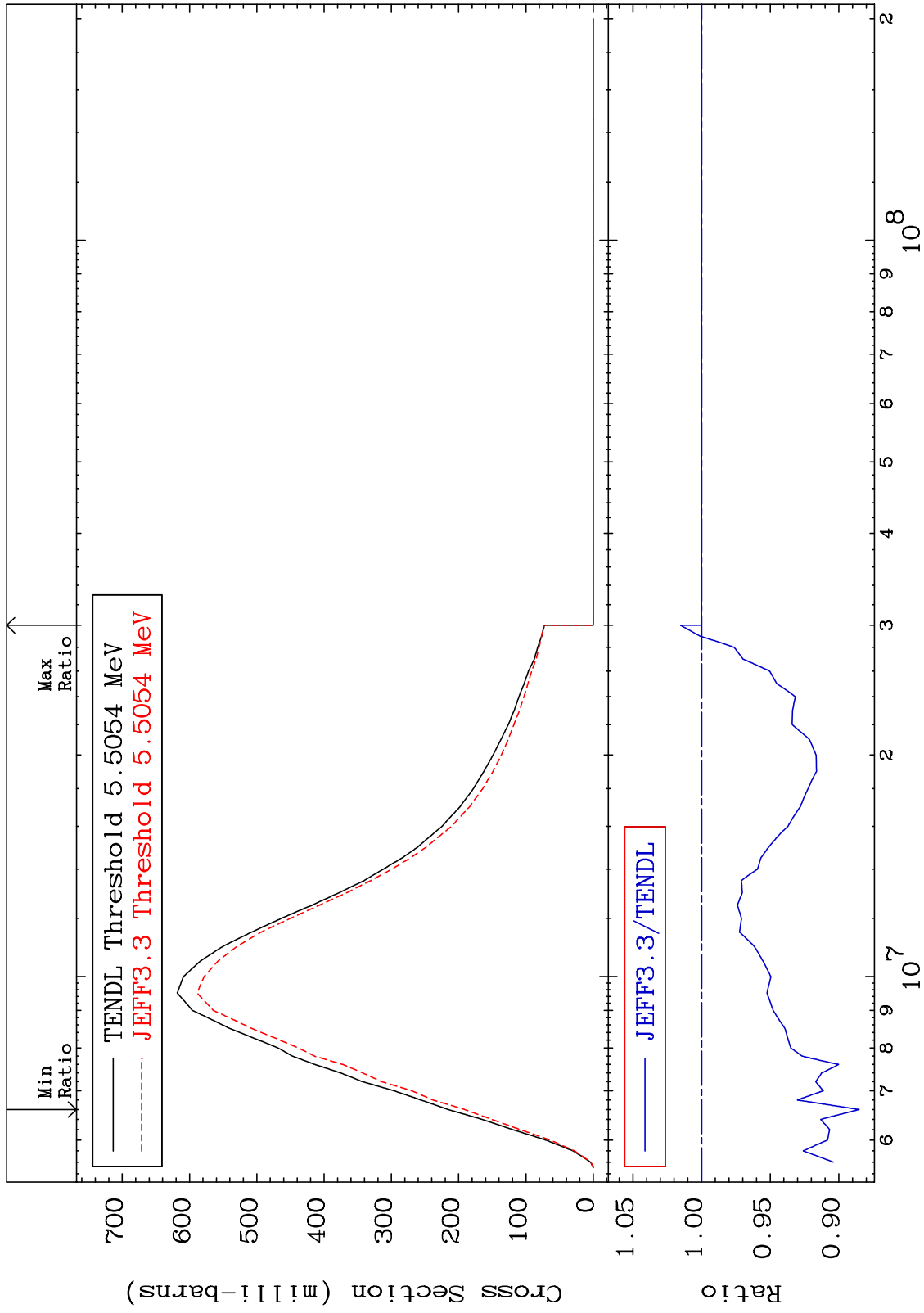
46

16-S -33

MAT 1628

(n, n') Continuum
Cross Section

16-S -33
-11.48 To 1.524 %



47

16-S -33

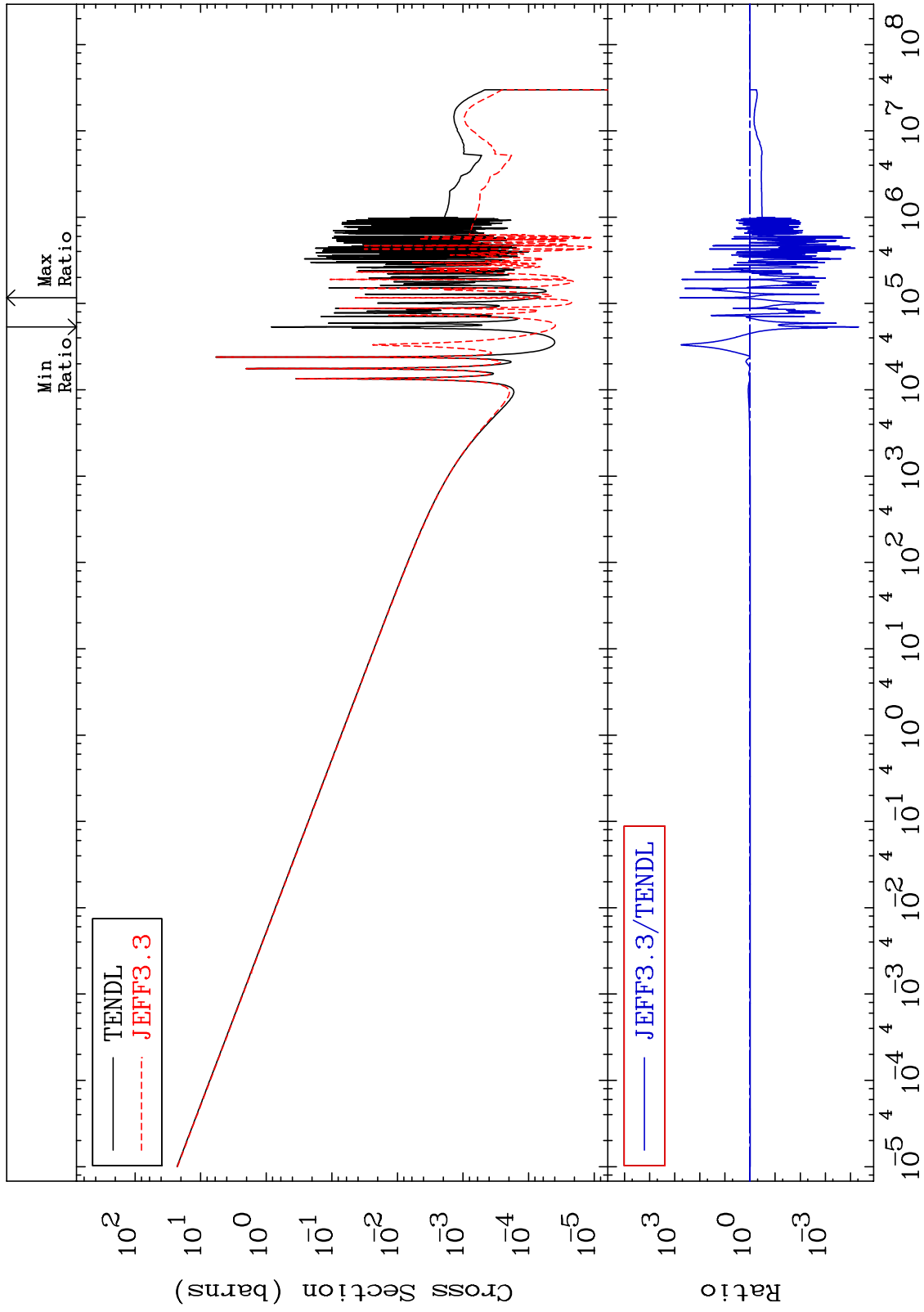
MAT 1628

(n, γ)

16-S -33

Cross Section

-100.0 To 9999. %



48

Incident Energy (eV)

16-S -33

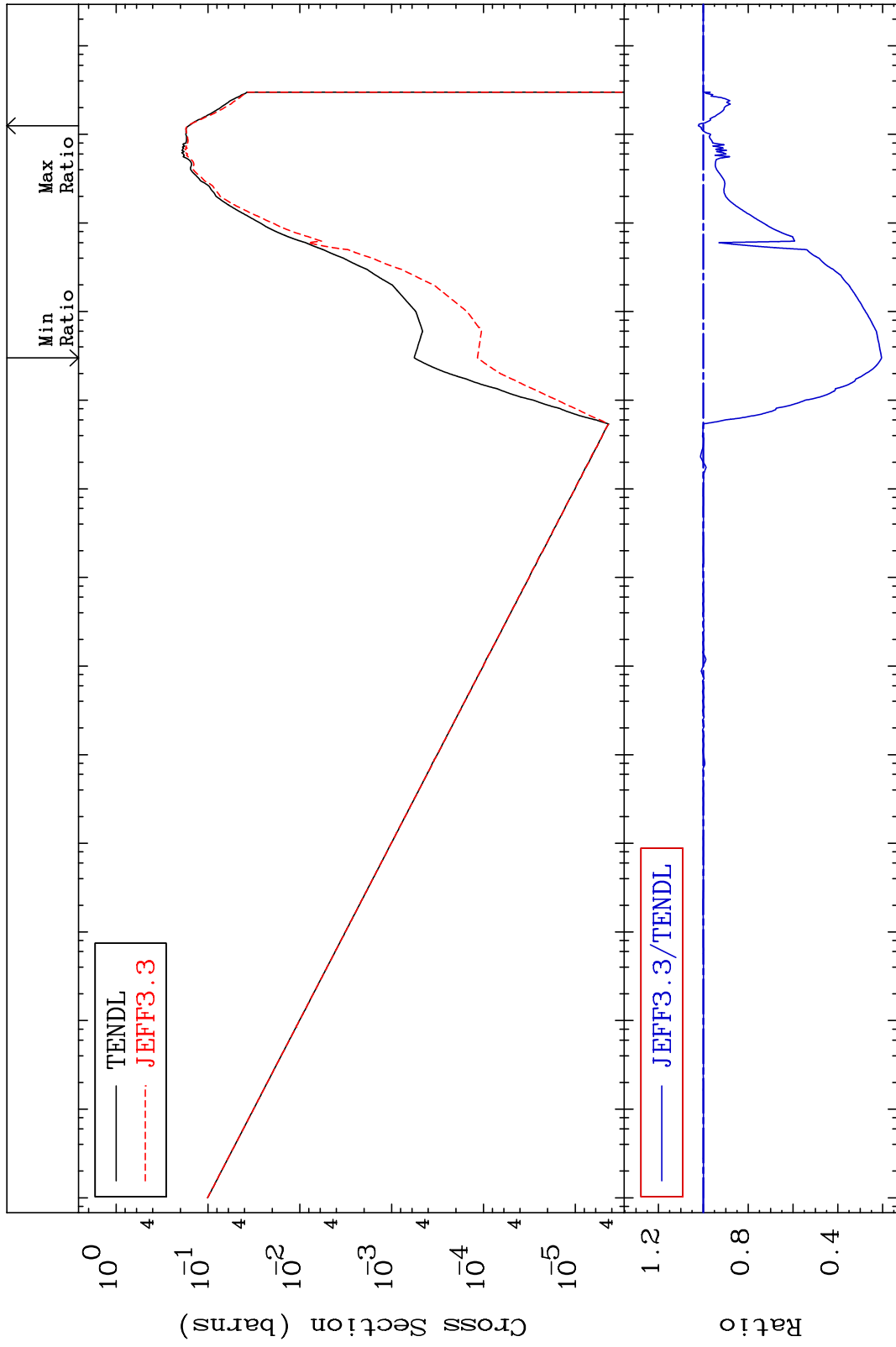
MAT 1628

(n,p)

16-S -33

Cross Section

-79.50 To 2.207 %



49

Incident Energy (eV)

16-S -33

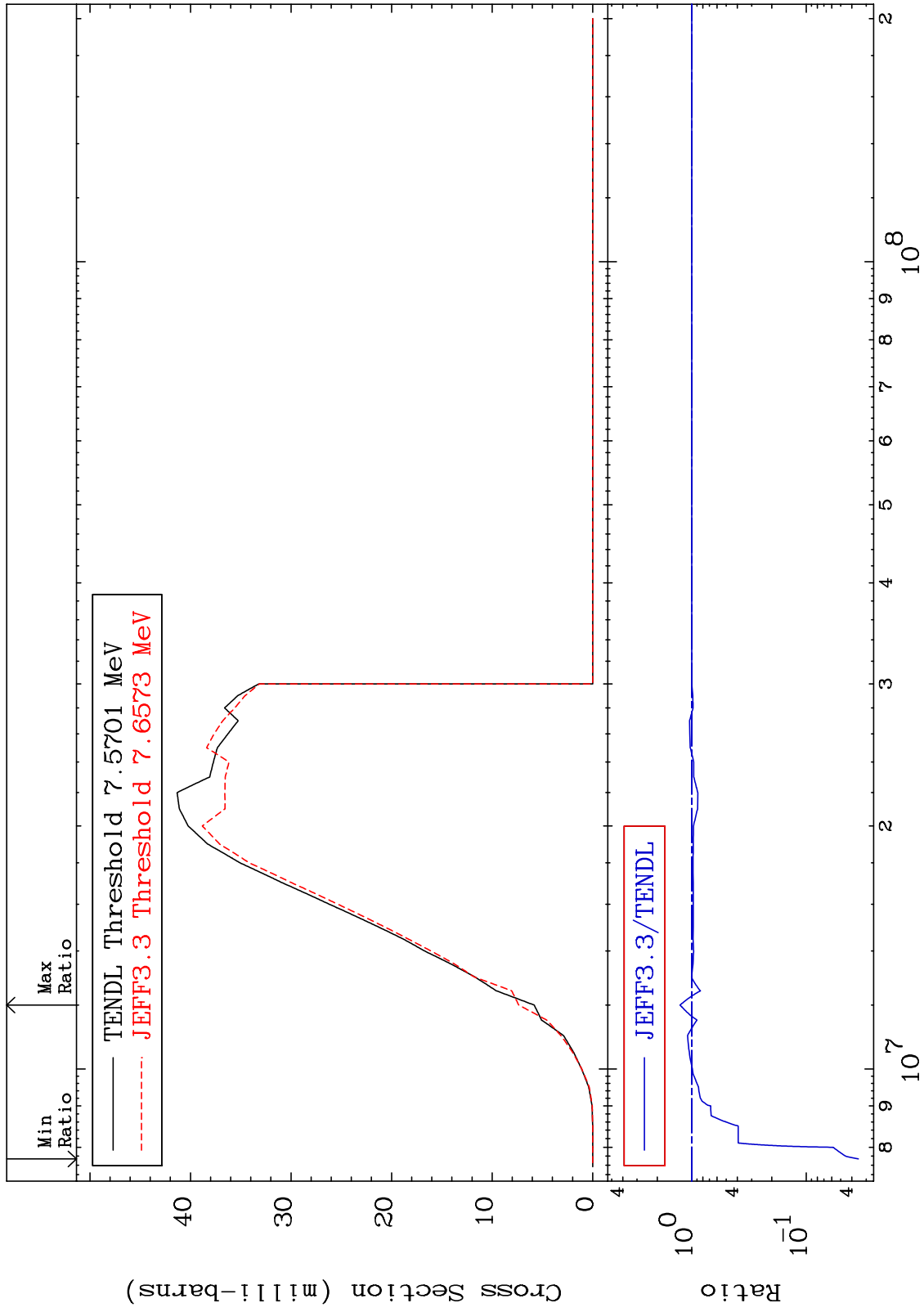
MAT 1628

(n, d)

16-S -33

Cross Section

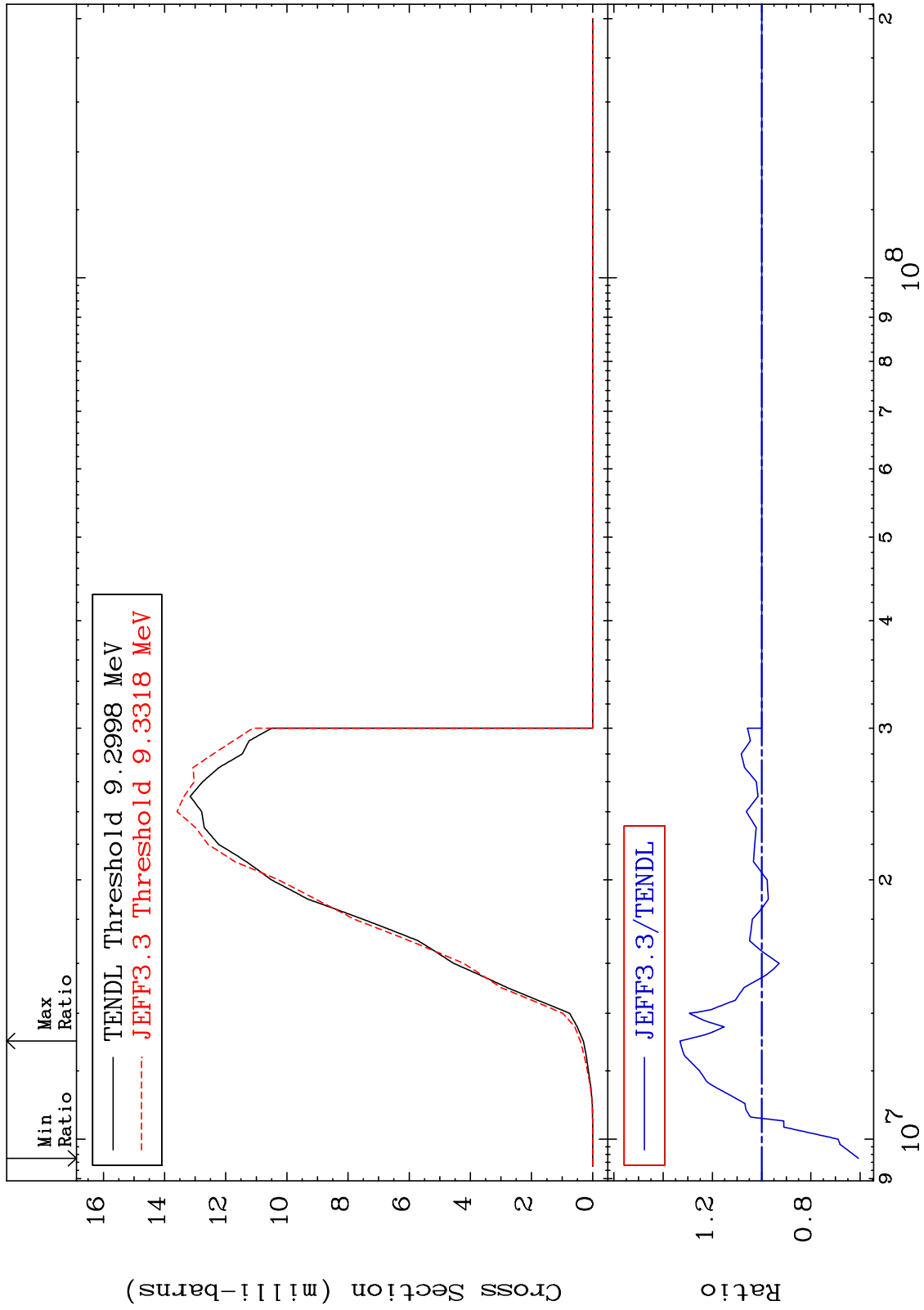
-96.49 To 26.48 %



50

Incident Energy (eV)

16-S -33



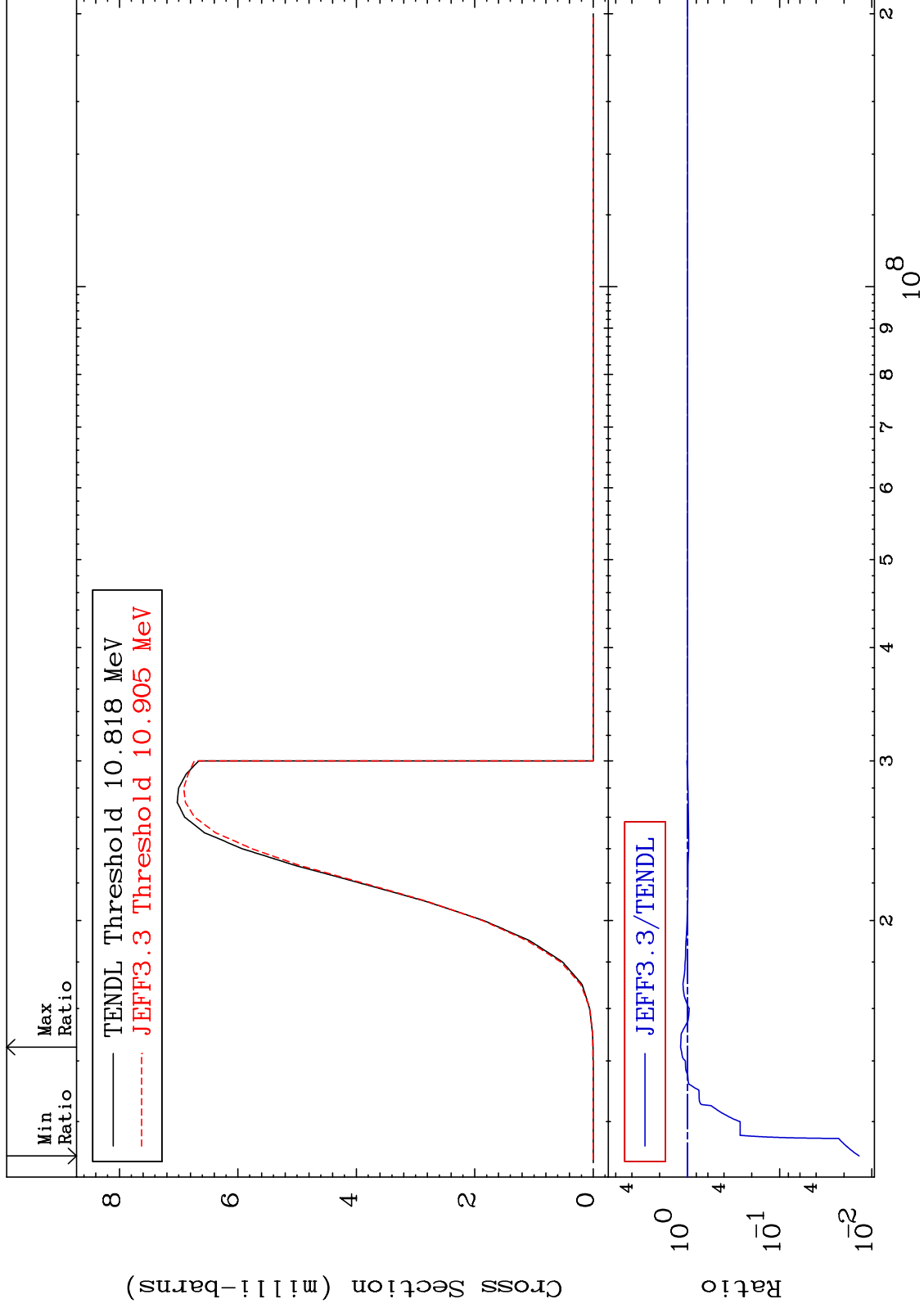
MAT 1628

(n, He-3)

16-S -33

Cross Section

-98.63 To 18.55 %



52

Incident Energy (eV)

16-S -33

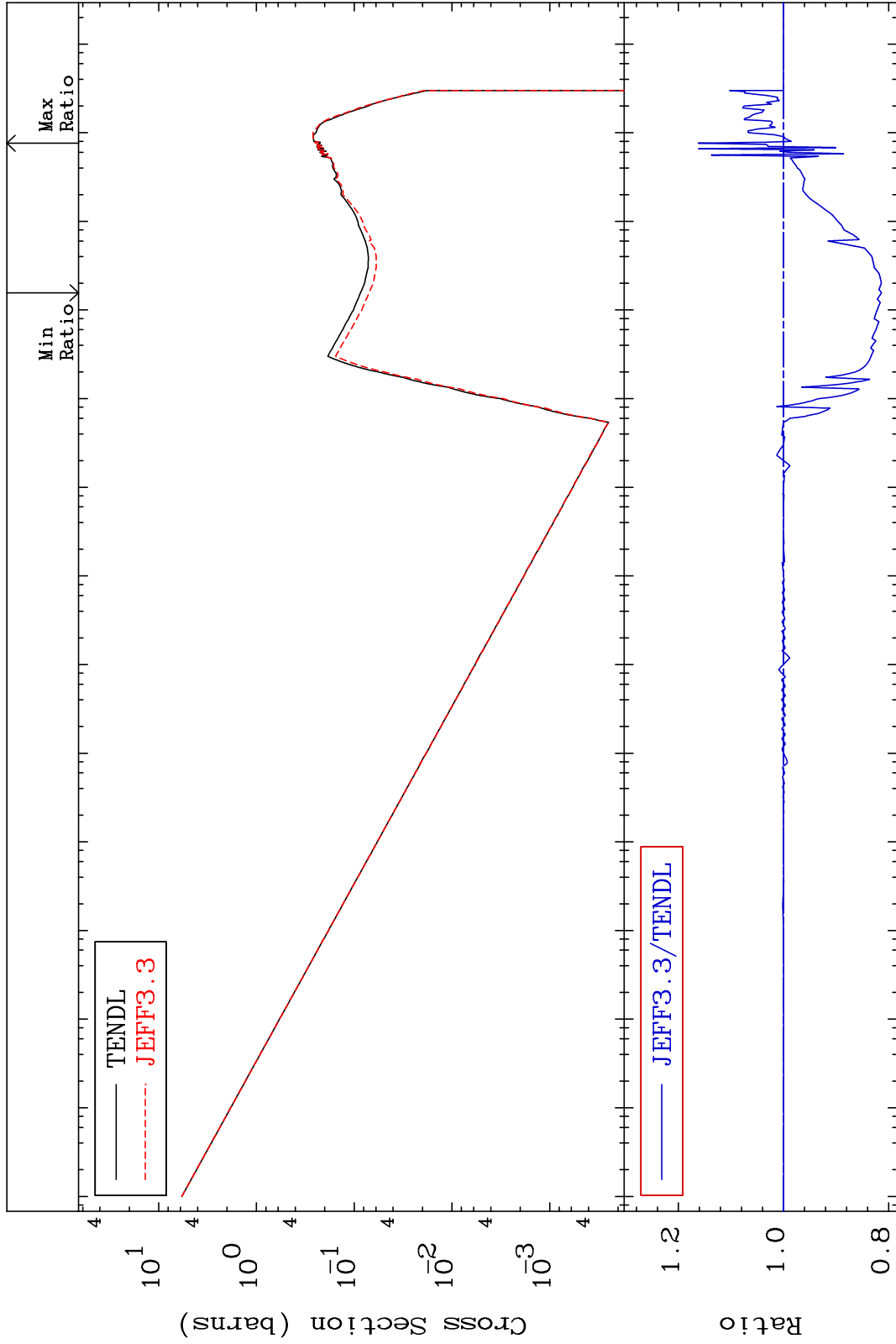
MAT 1628

(n, α)

16-S -33

Cross Section

-18.67 To 16.21 %

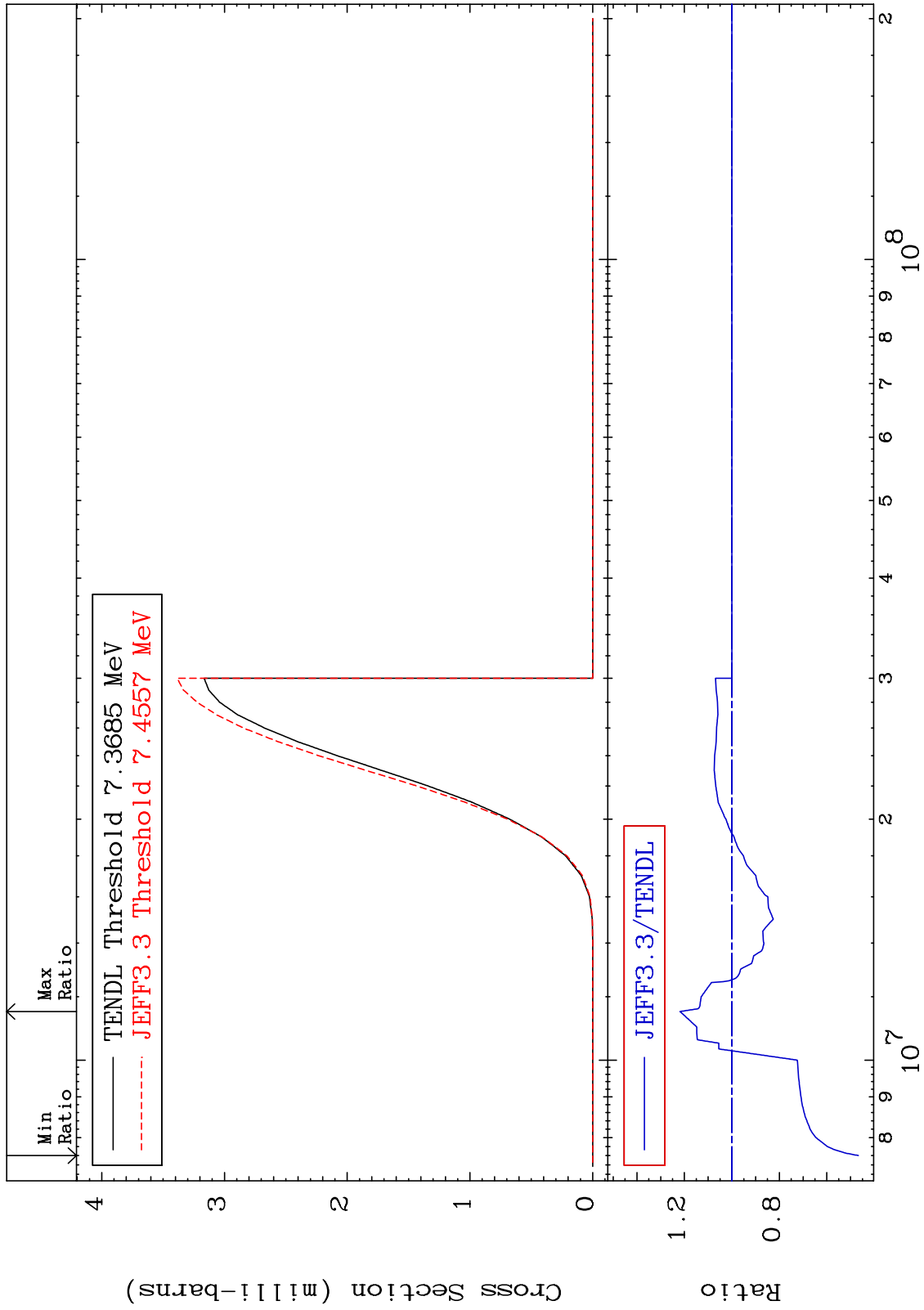


Incident Energy (eV)

53

16-S -33

MAT 1628 (n,2α) Cross Section 16-S -33 -53.30 To 21.85 %



54 16-S -33

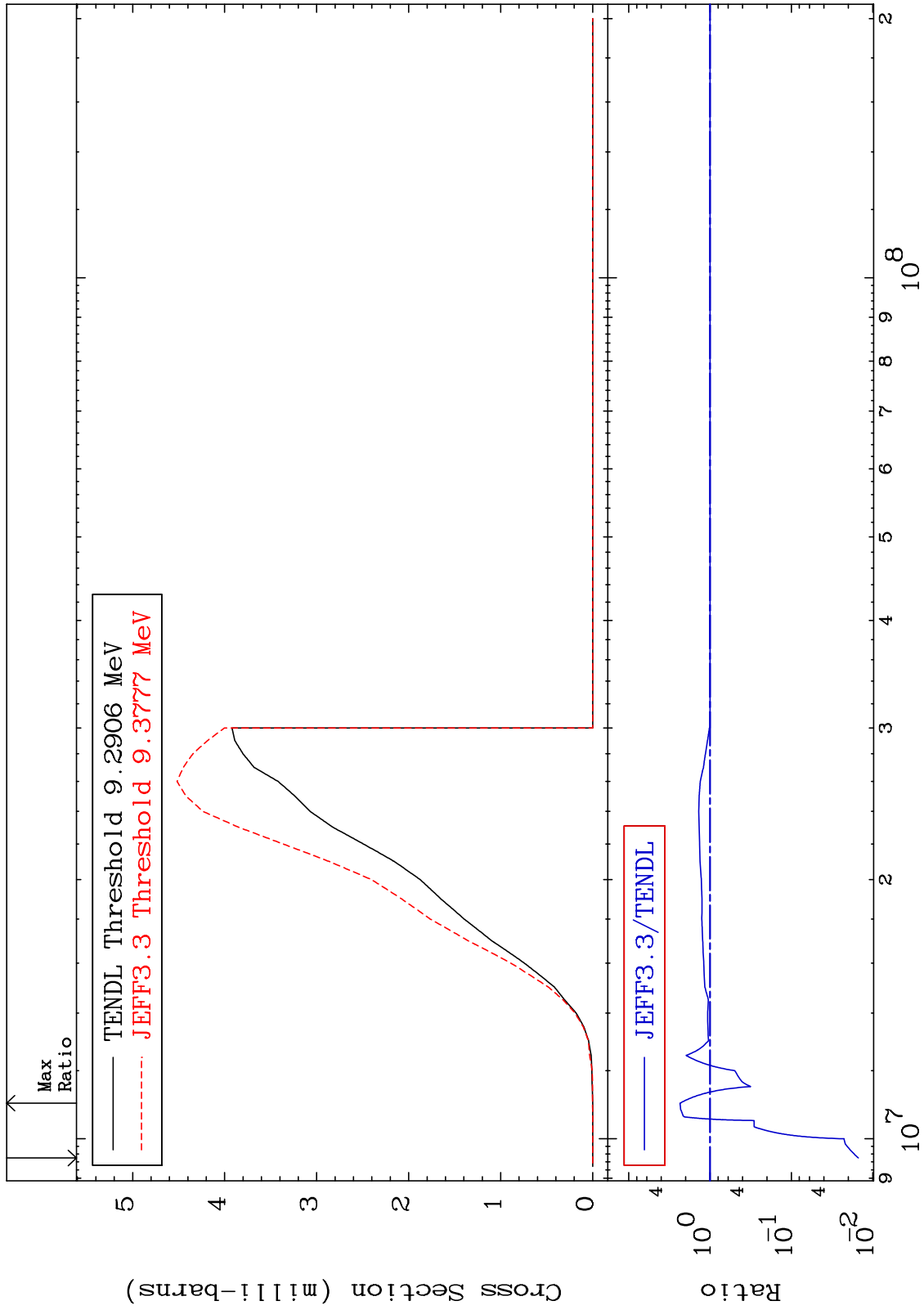
MAT 1628

(n,2p)

16-S -33

Cross Section

-98.50 To 134.5 %



55

16-S -33

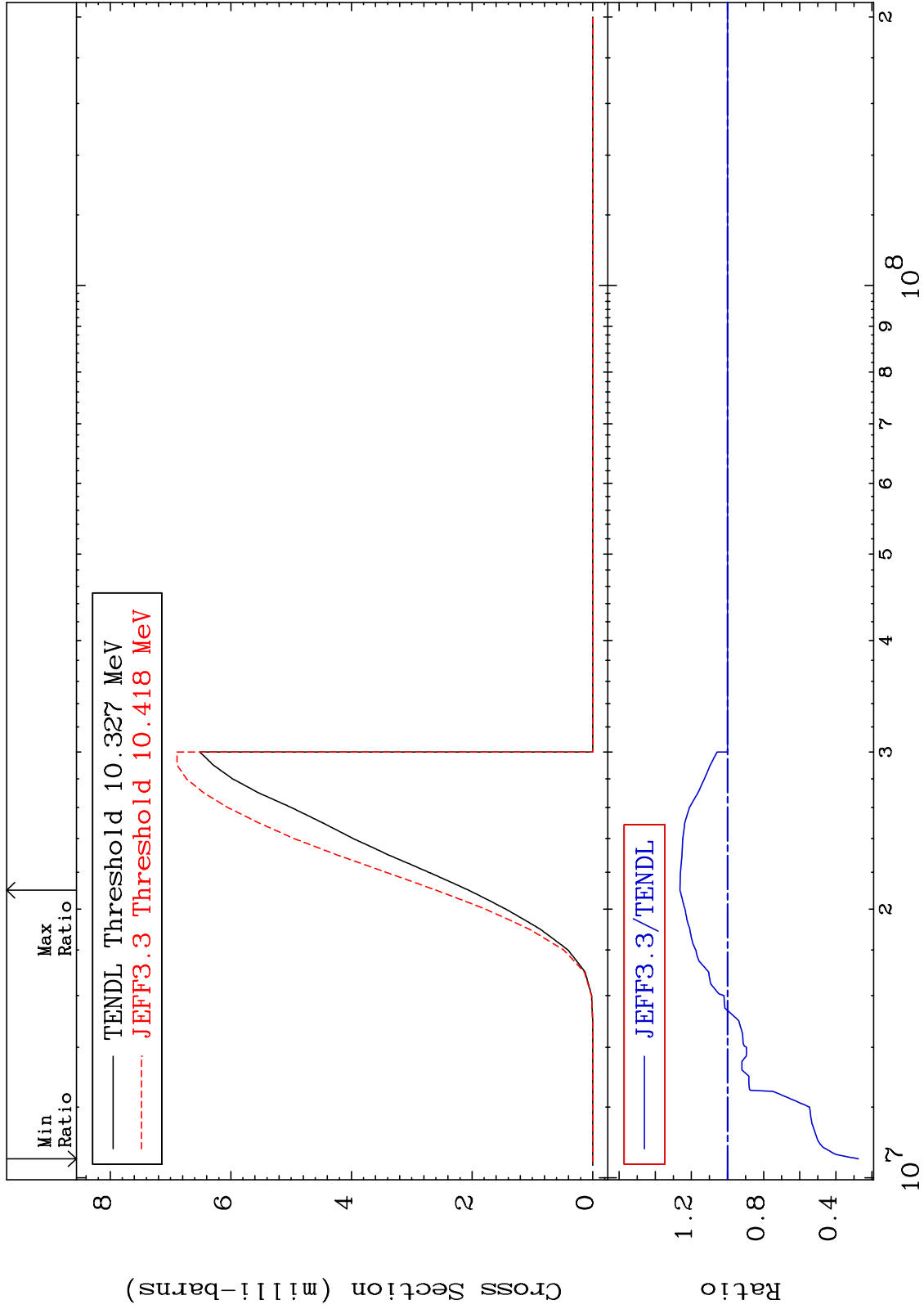
MAT 1628

(n,p) α

16-S -33

Cross Section

-72.49 To 26.28 %



56

Incident Energy (eV)

16-S -33

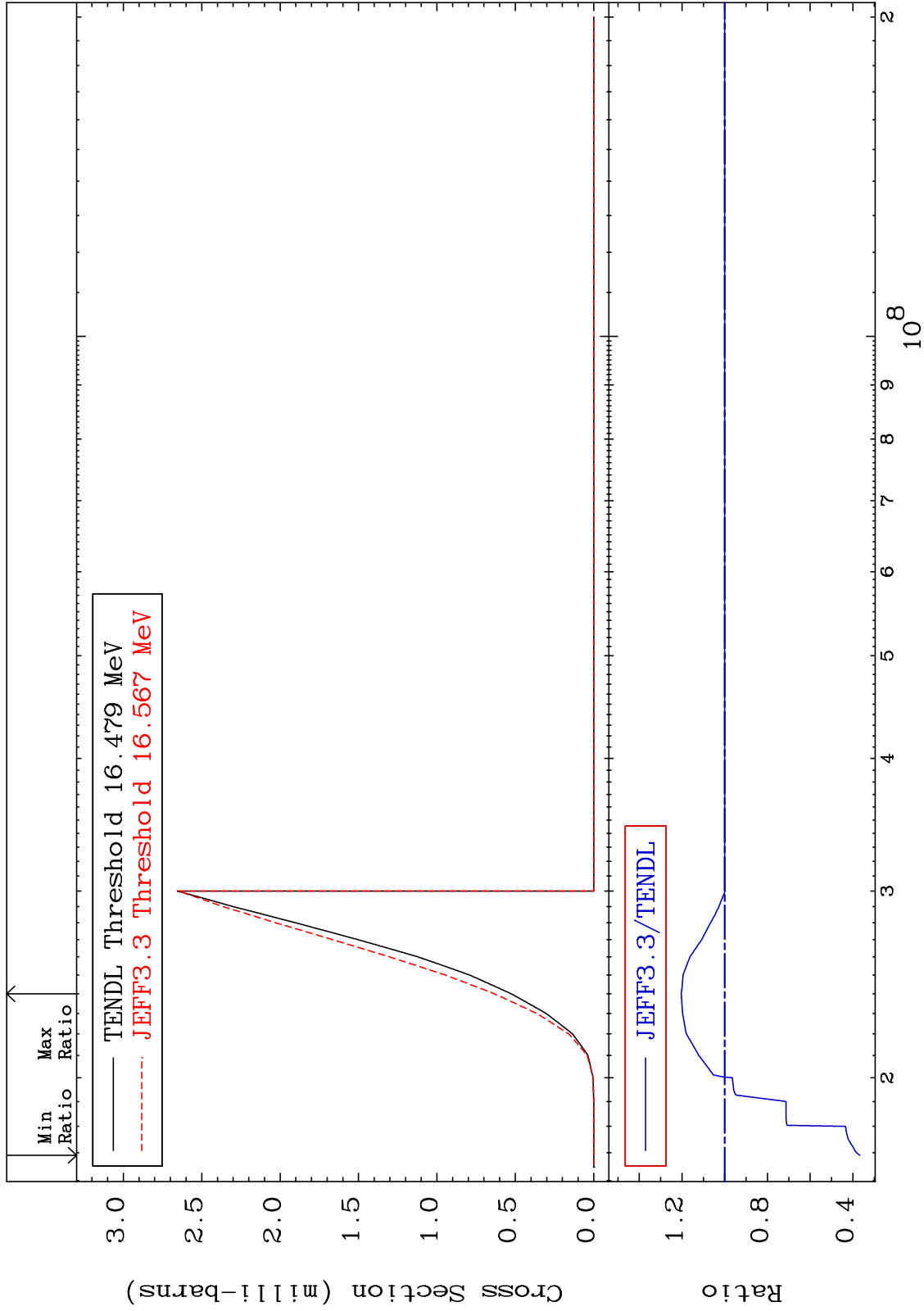
MAT 1628

(n,p) d

16-S -33

Cross Section

-63.30 To 20.37 %



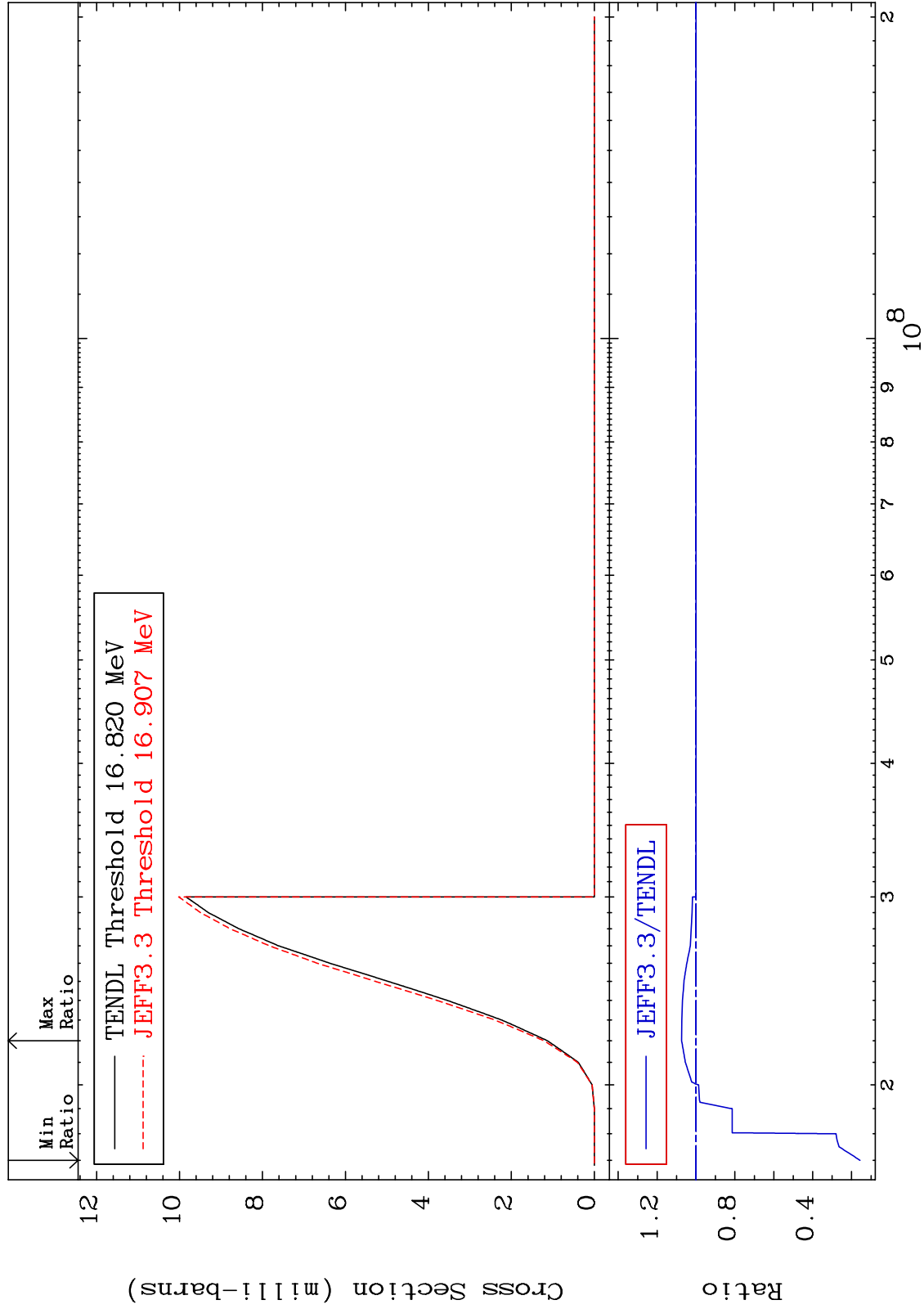
MAT 1628

(n,p) t

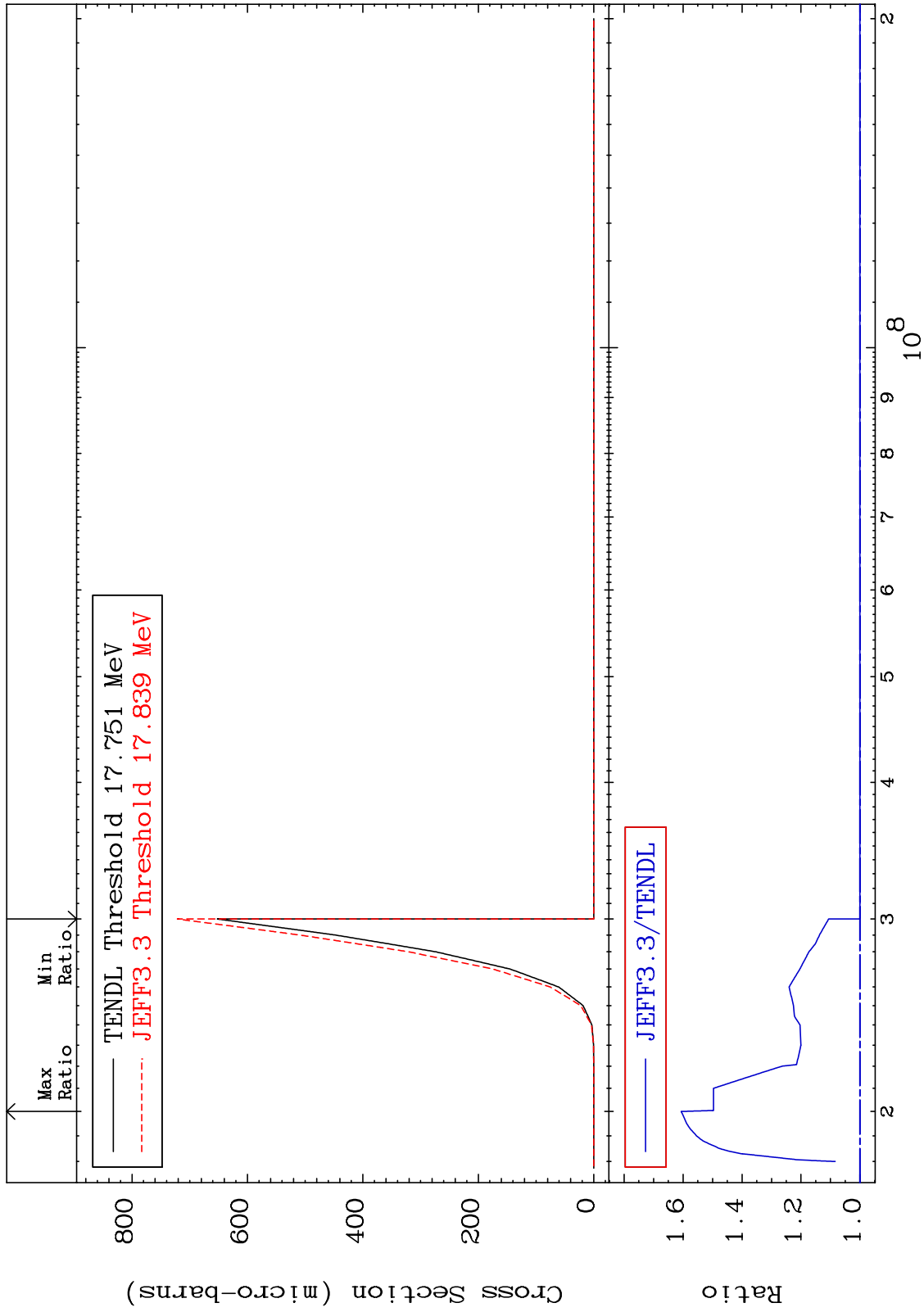
16-S -33

Cross Section

-84.34 To 7.379 %



MAT 1628 (n,d) α 16-S -33
 Cross Section 0.000 To 60.63 %



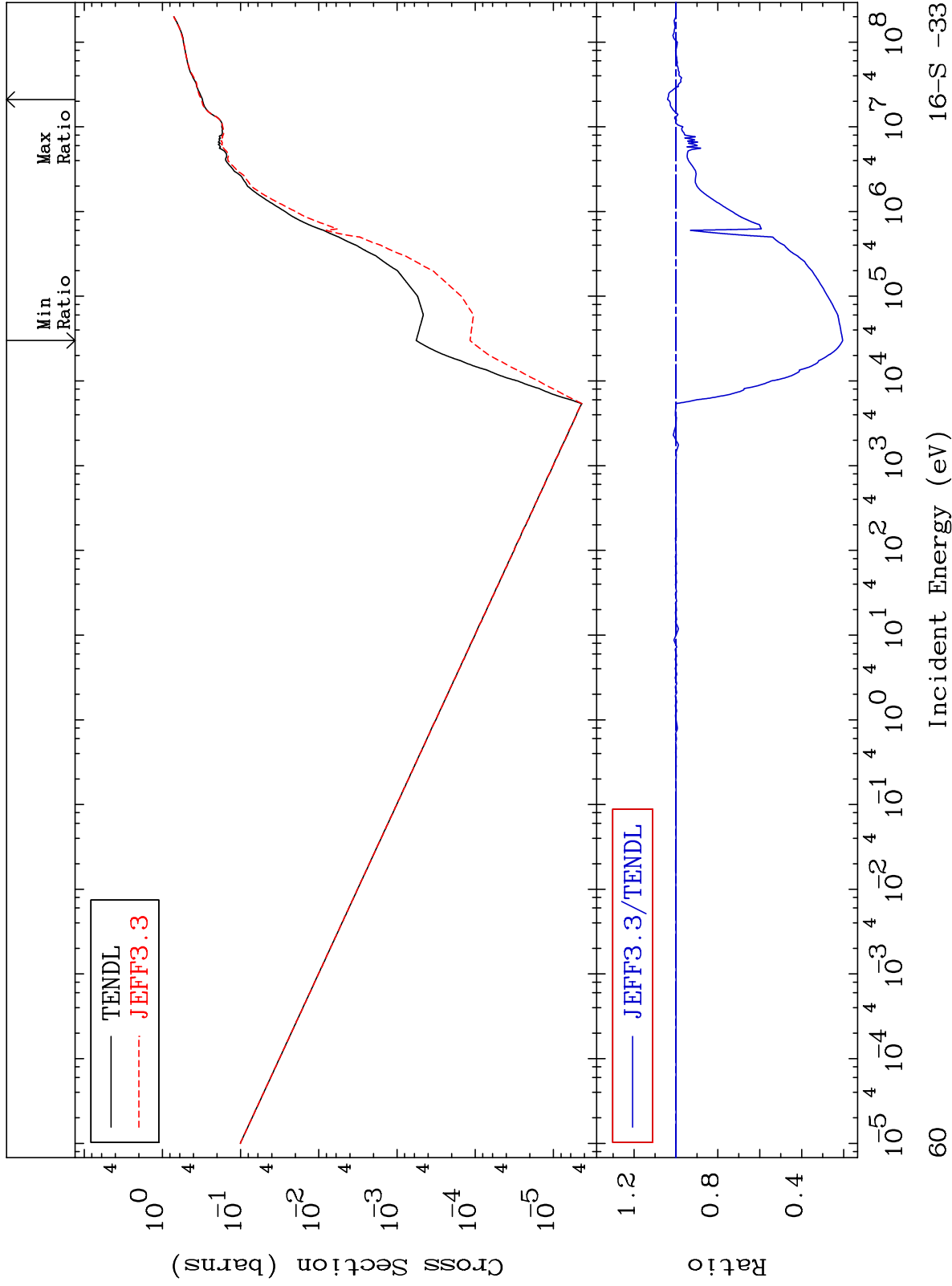
16-S -33

Incident Energy (eV)

MAT 1628

Hydrogen Production Cross Section

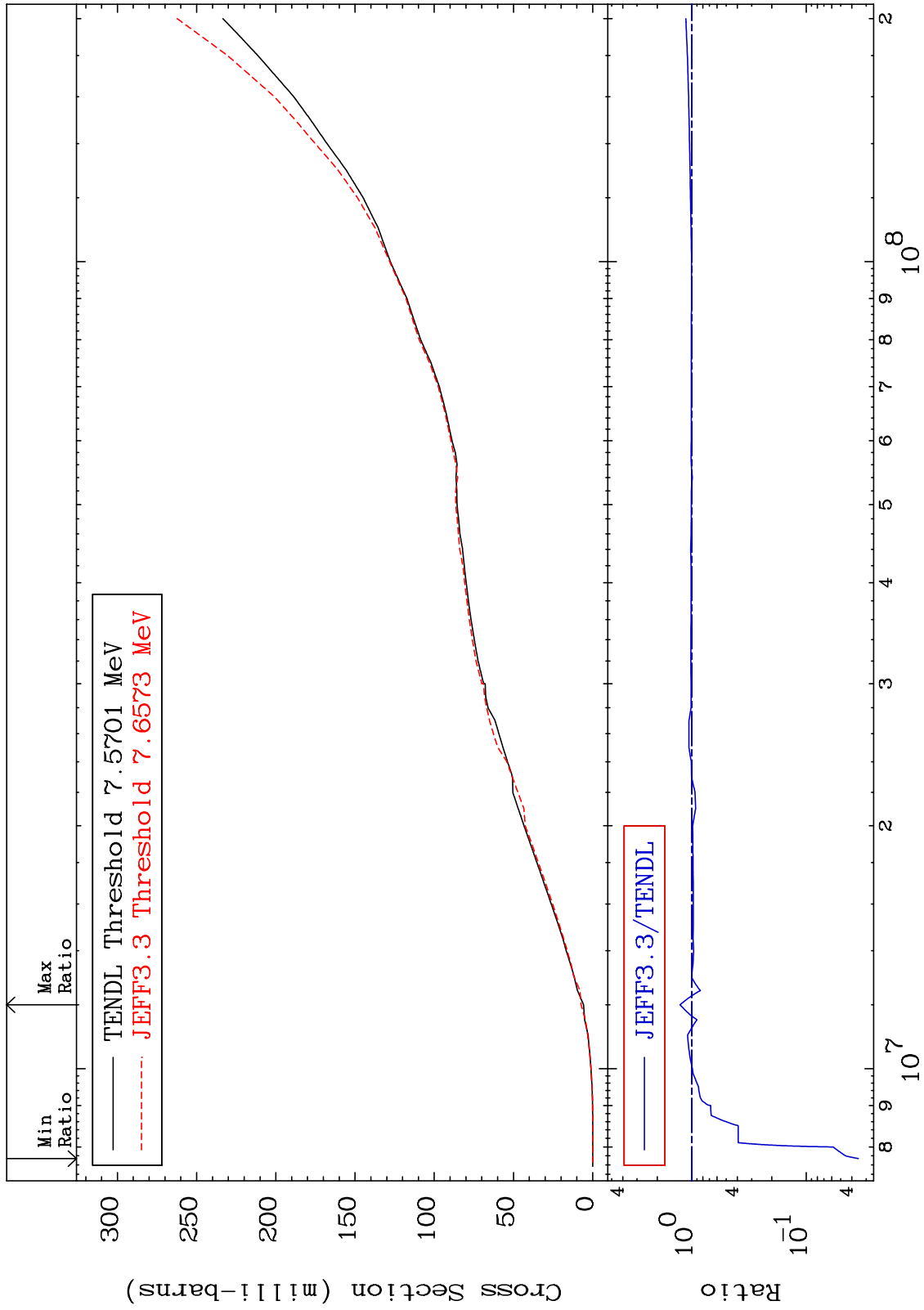
16-S -33
-79.50 To 4.011 %



MAT 1628

Deuterium Production
Cross Section

16-S -33
-96.49 To 26.48 %



61

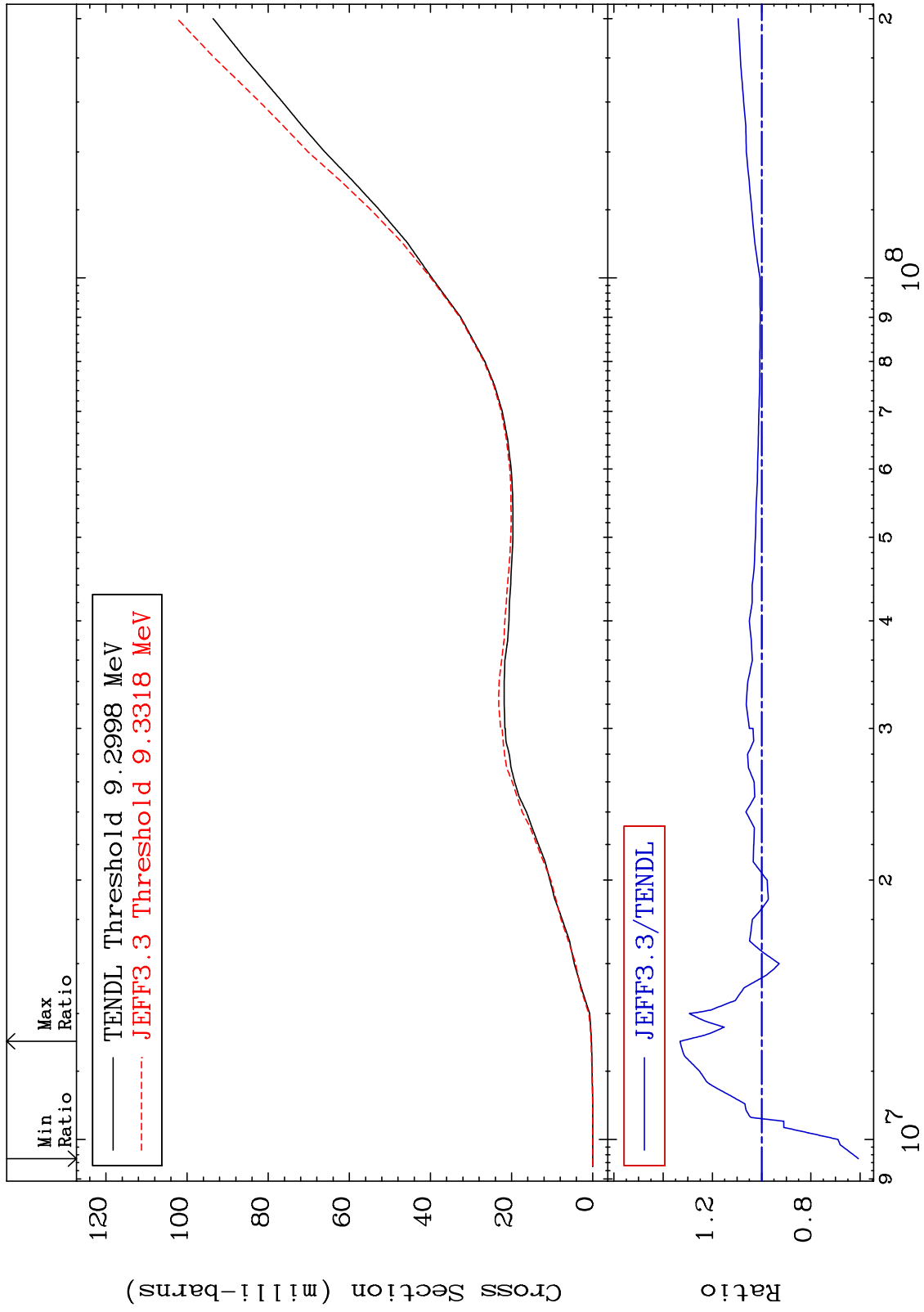
Incident Energy (eV)

16-S -33

MAT 1628

Tritium Production
Cross Section

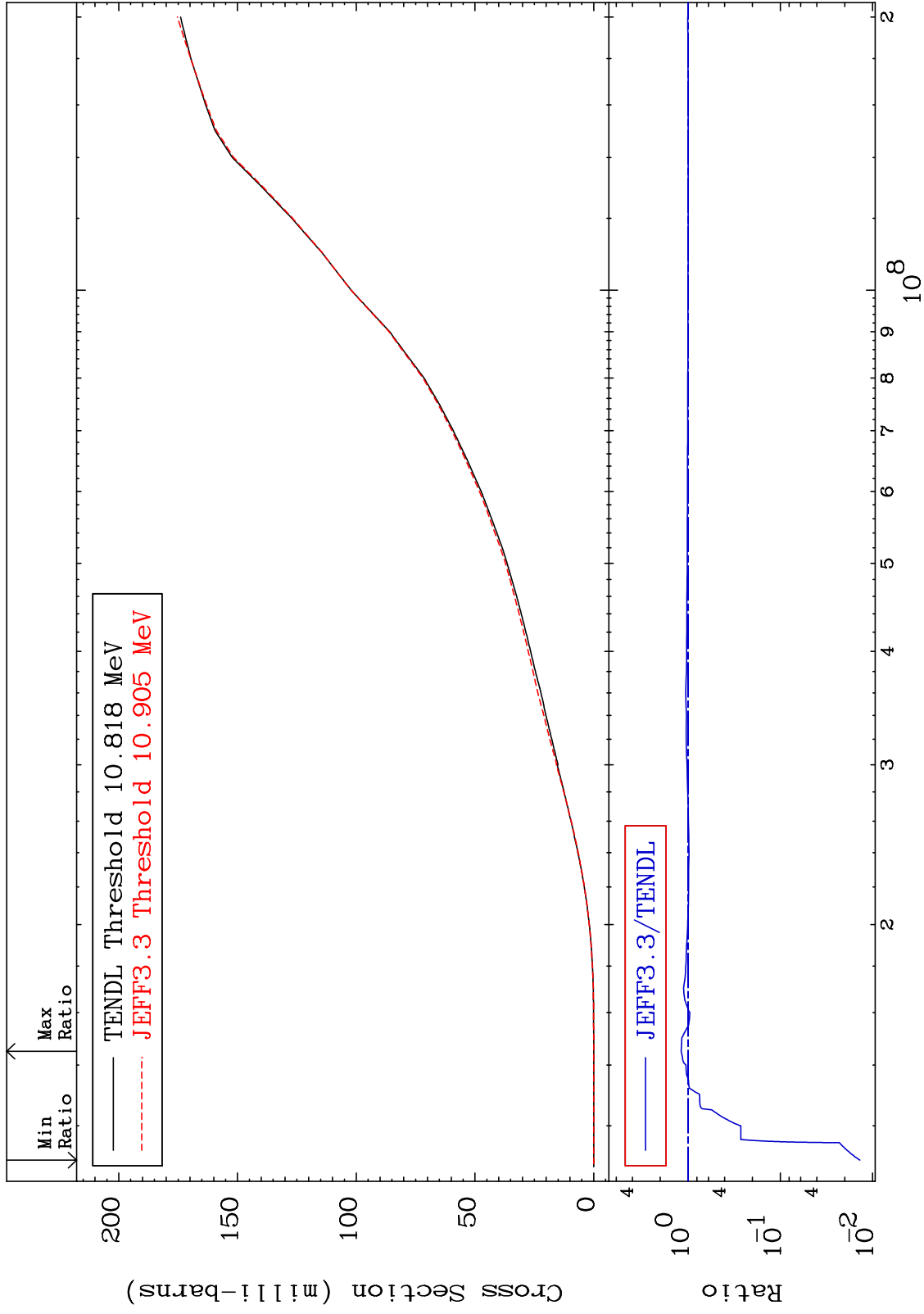
16-S -33
-39.29 To 33.17 %



62

Incident Energy (eV)

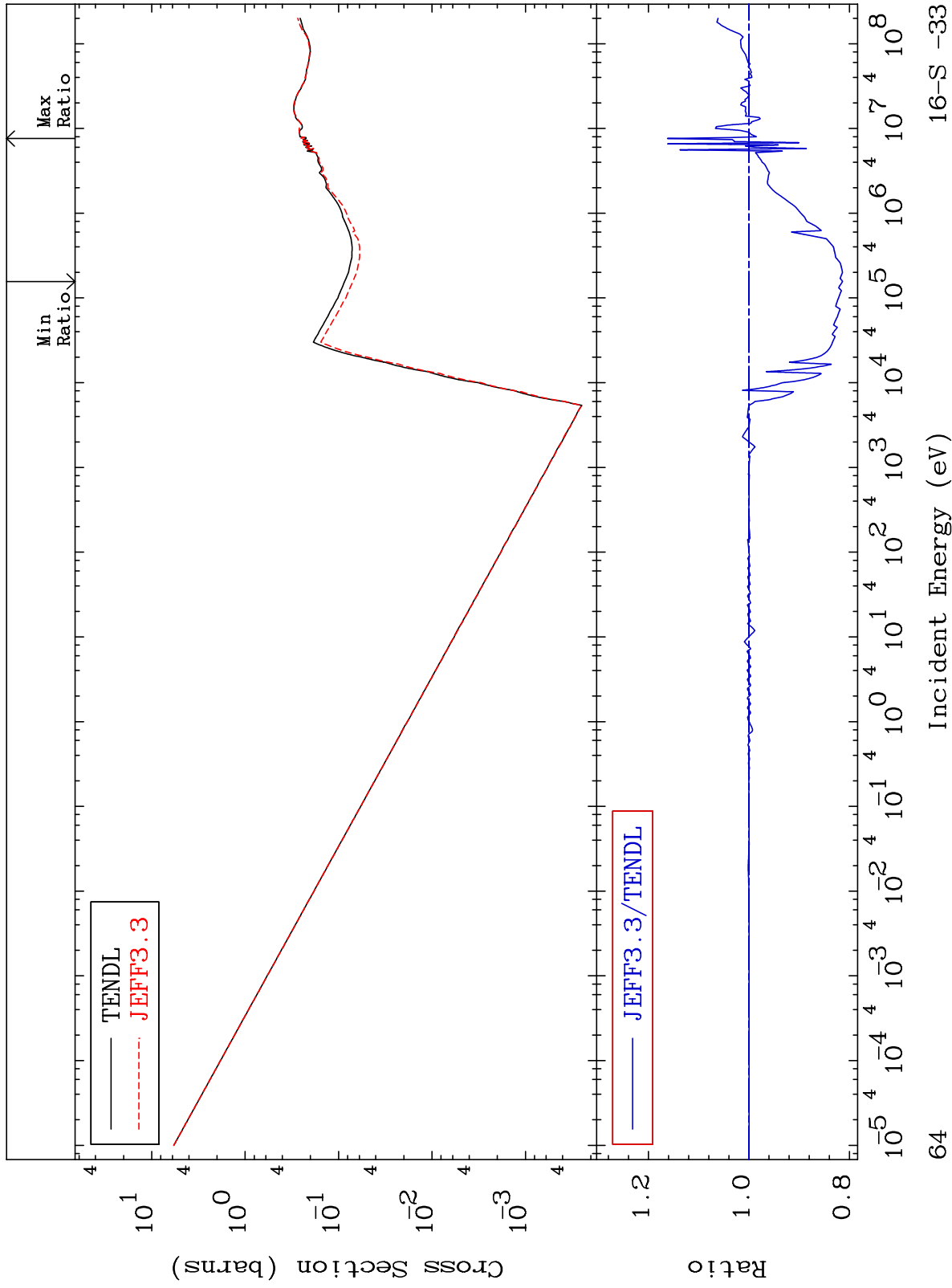
16-S -33



MAT 1628

He-4 Production
Cross Section

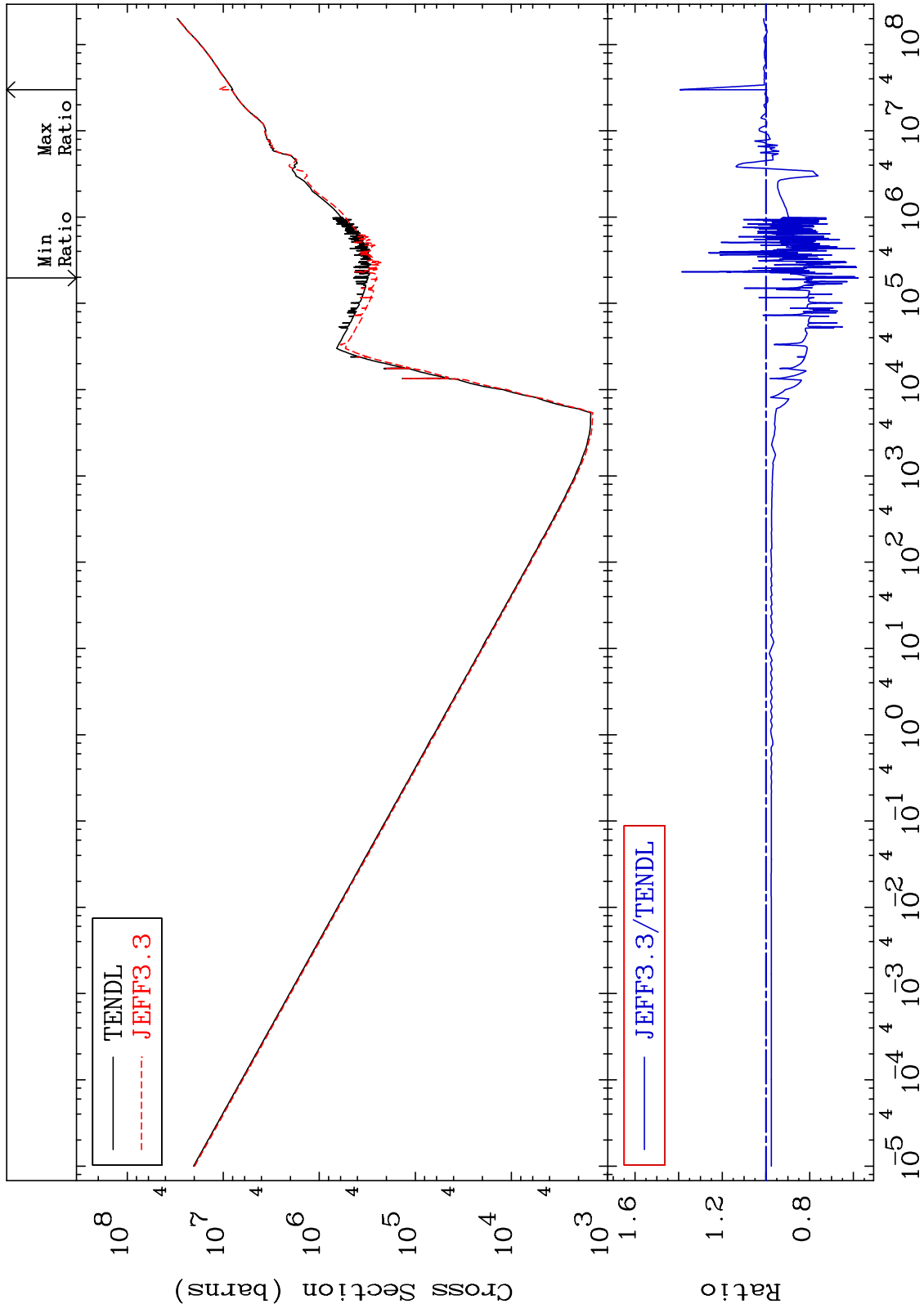
16-S -33
-18.67 To 16.21 %



MAT 1628

Kerma total (eV-barns)
Cross Section

16-S -33
-42.36 To 39.40 %



65

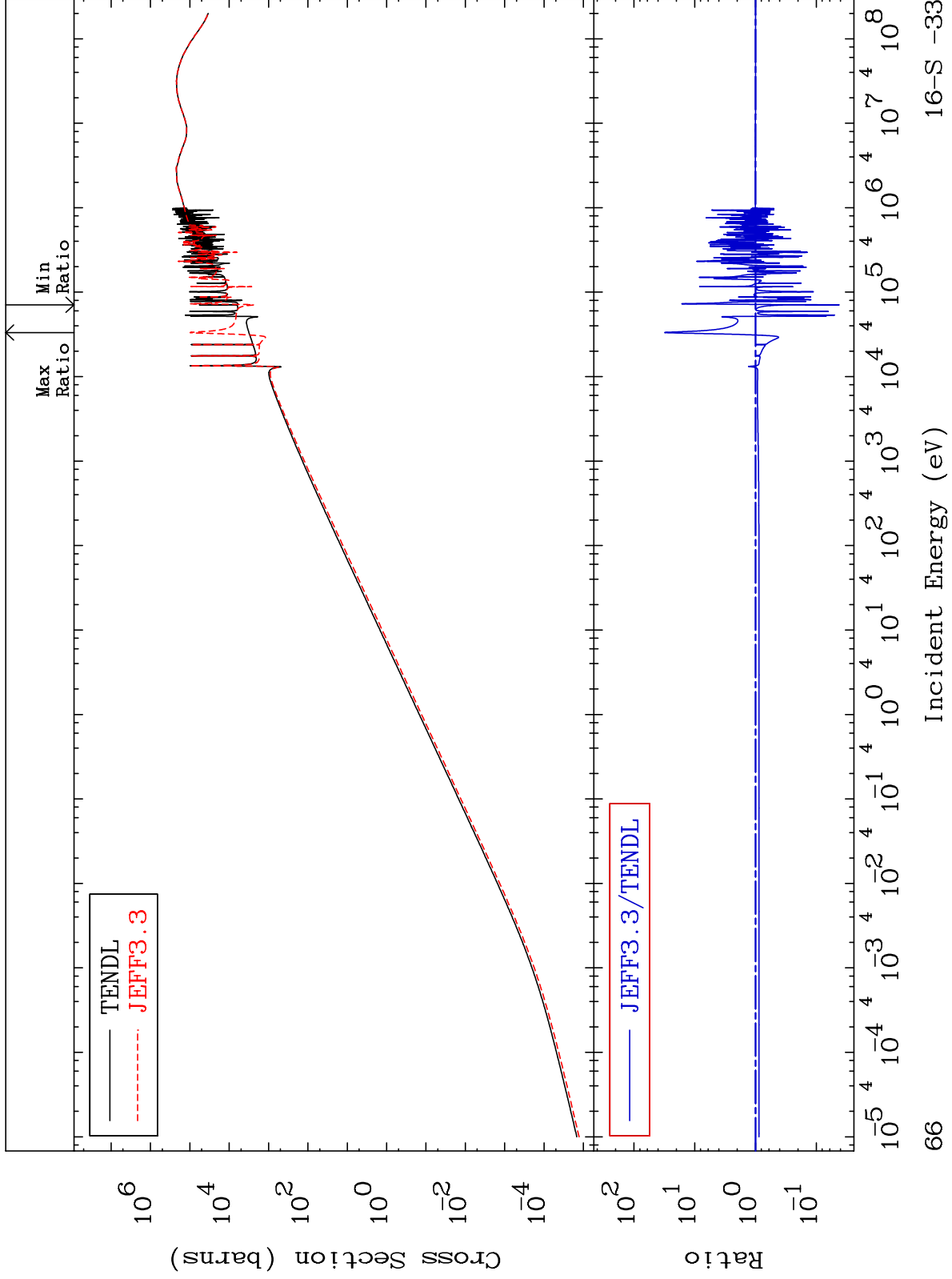
Incident Energy (eV)

16-S -33

MAT 1628

Kerma elastic
Cross Section

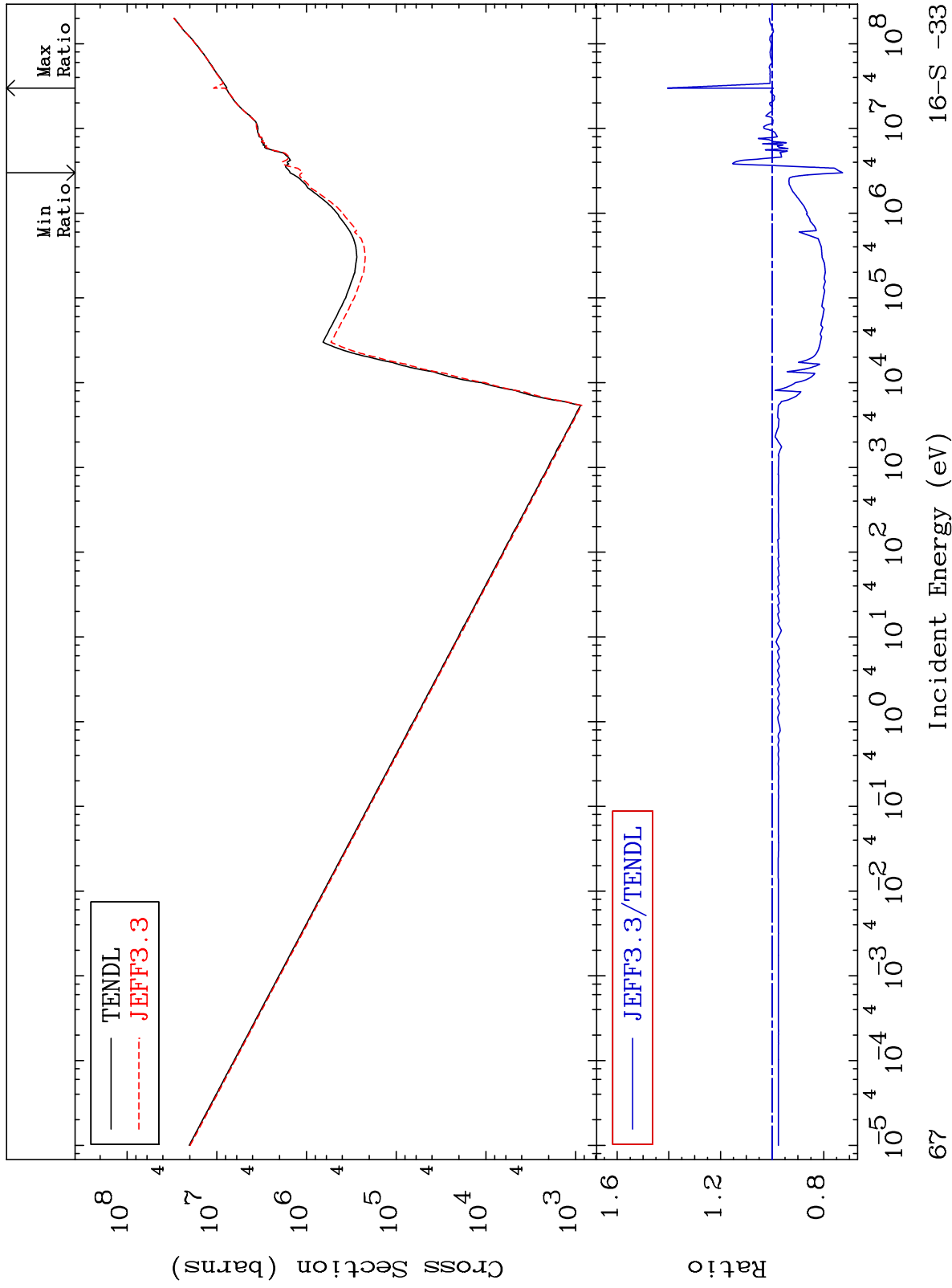
16-S -33
-95.77 To 3038. %



MAT 1628

Kerma non-elastic (all but mt2)
Cross Section

16-S -33
-27.33 To 40.50 %



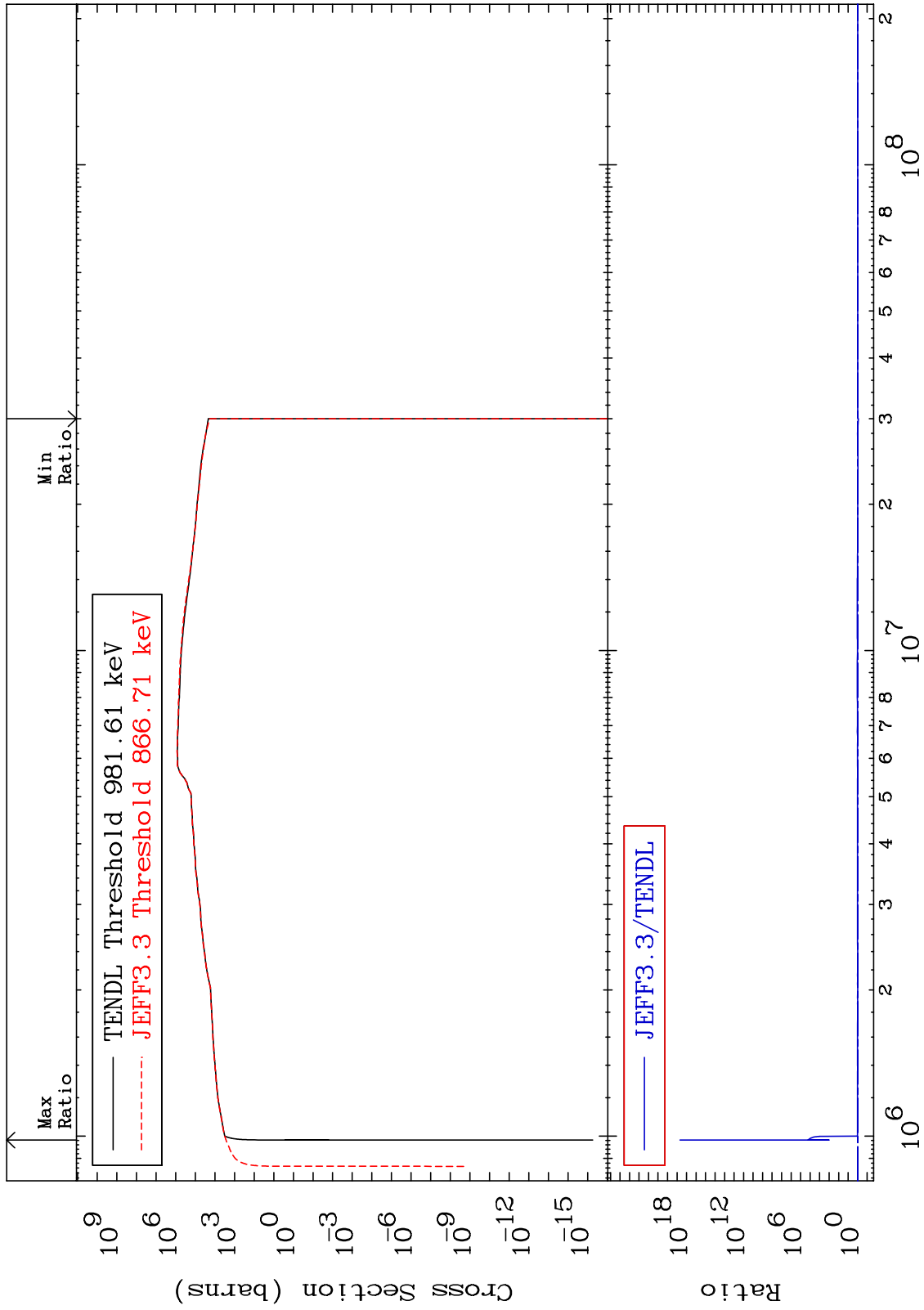
67

16-S -33

MAT 1628

Kerma inelastic (mt51-91)
Cross Section

16-S -33
-17.01 To 9999. %



68

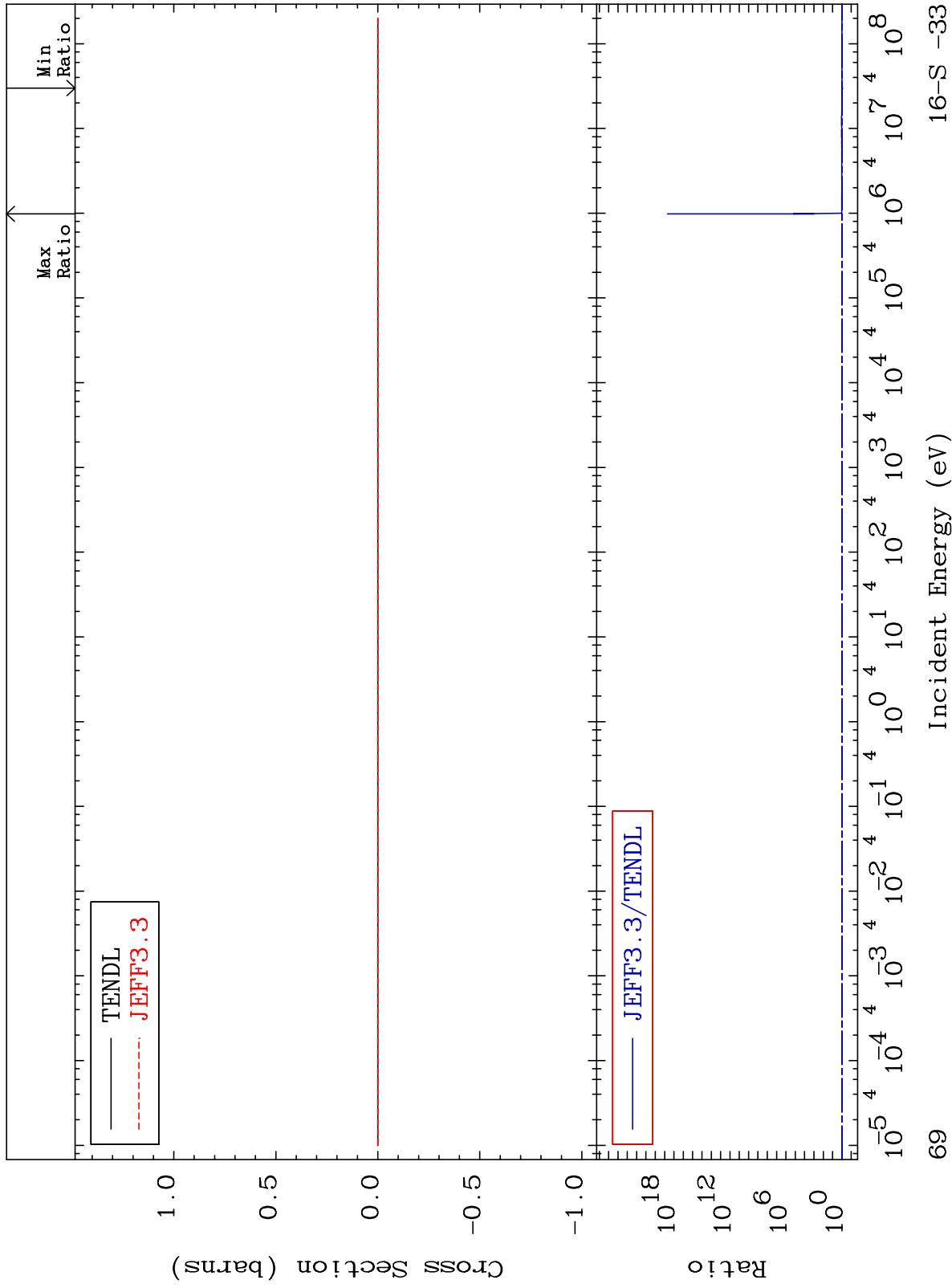
Incident Energy (eV)

16-S -33

MAT 1628

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

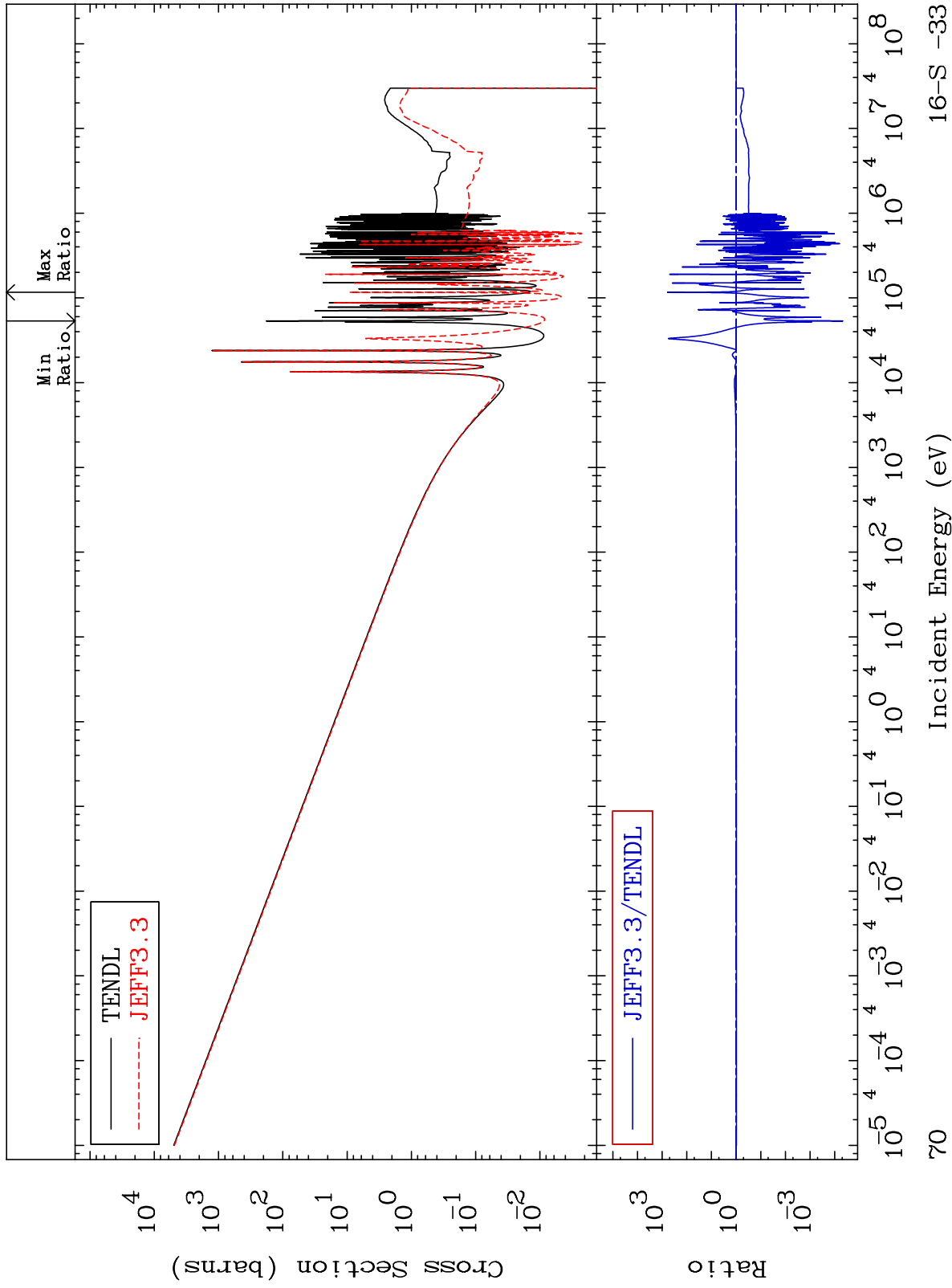
16-S -33
-17.01 To 9999. %



MAT 1628

Kerma capture (mt102)
Cross Section

16-S -33
-100.0 To 9999. %



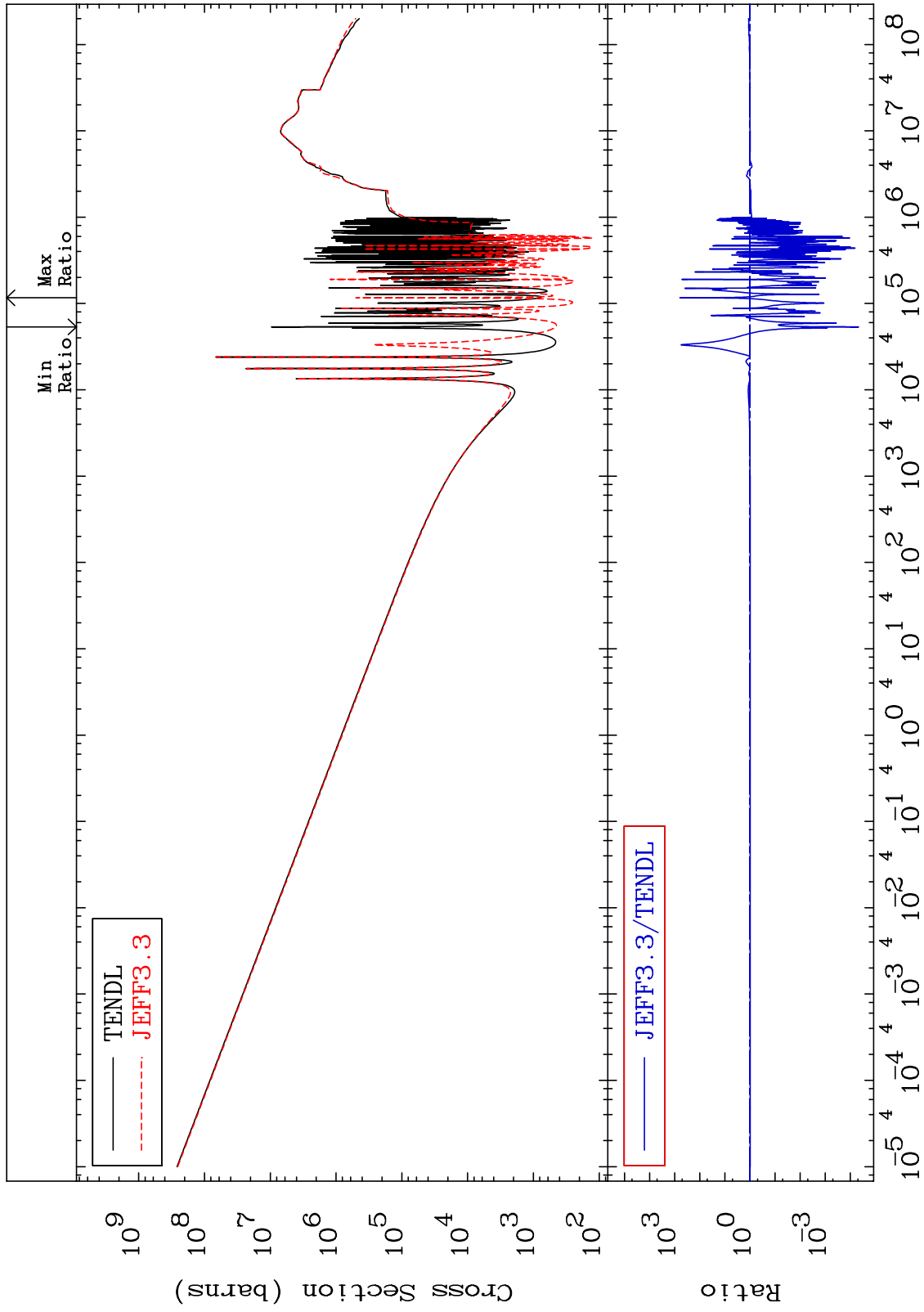
70

16-S -33

MAT 1628

Total photon (eV-barns)
Cross Section

16-S -33
-100.0 To 9999. %



71

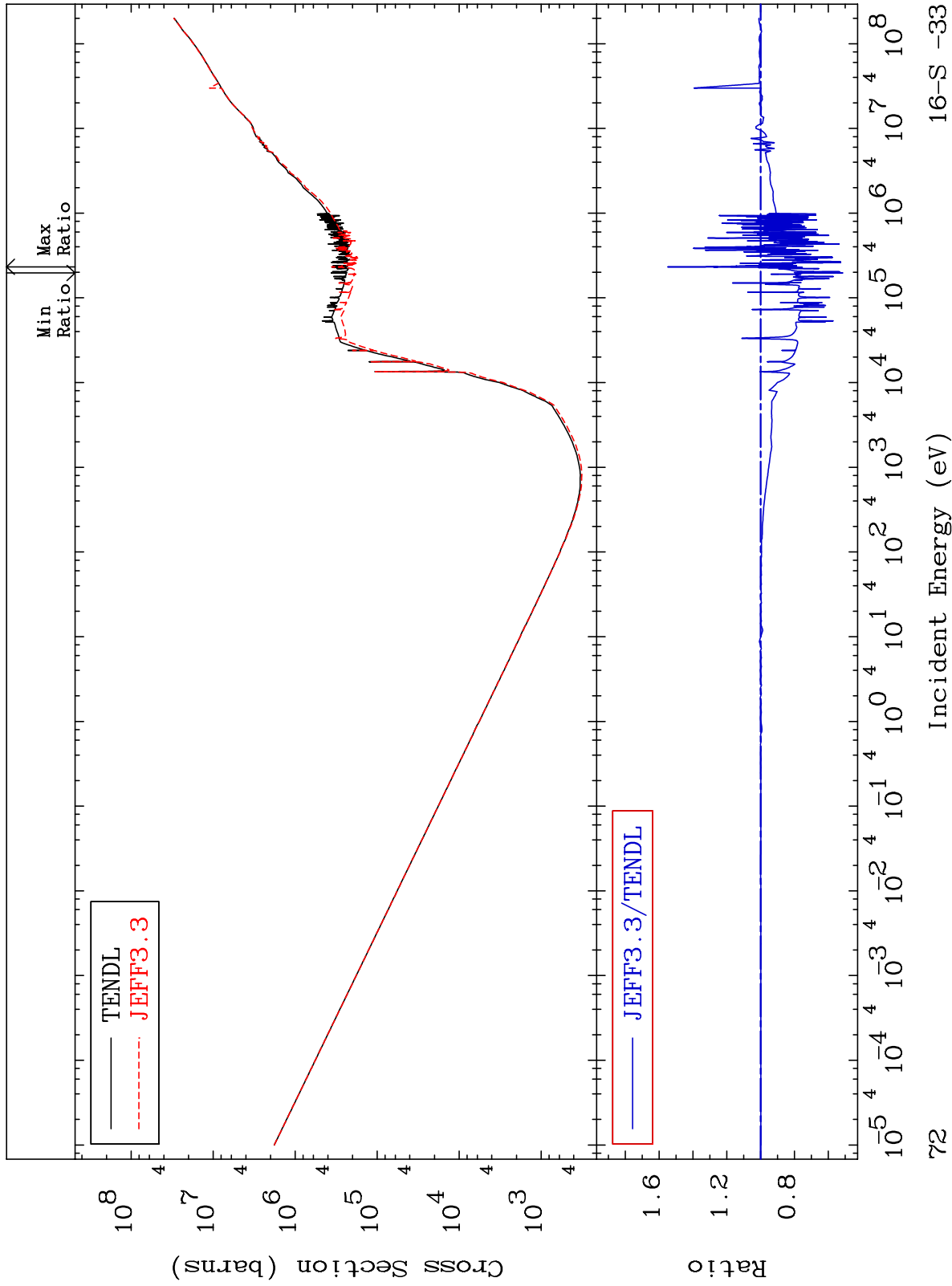
Incident Energy (eV)

16-S -33

MAT 1628

Total kinematic kerma (high limit)
Cross Section

16-S -33
-48.49 To 55.05 %



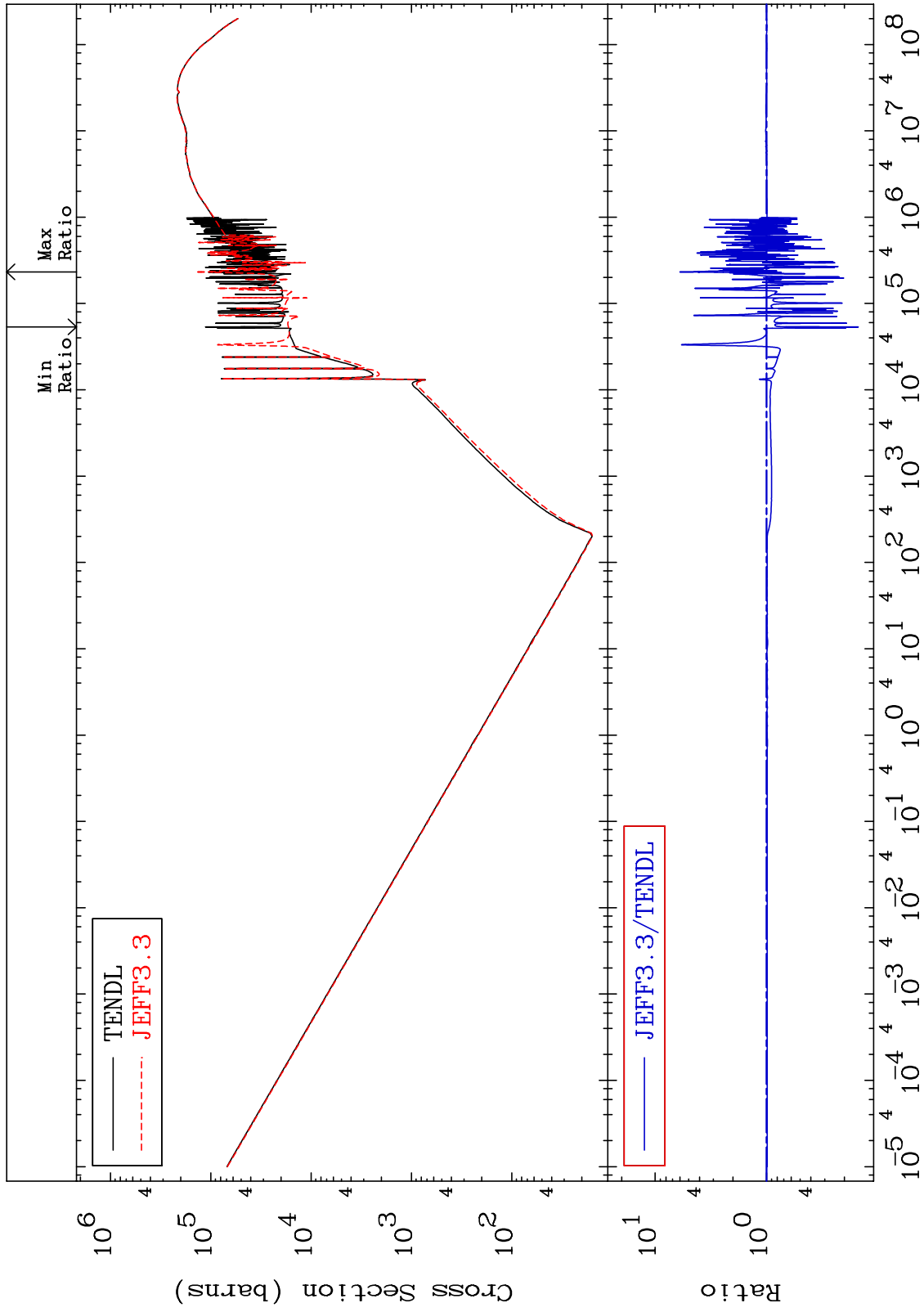
72

16-S -33

MAT 1628

Dpa total (eV-barns)
Cross Section

16-S -33
-85.04 To 498.3 %



73

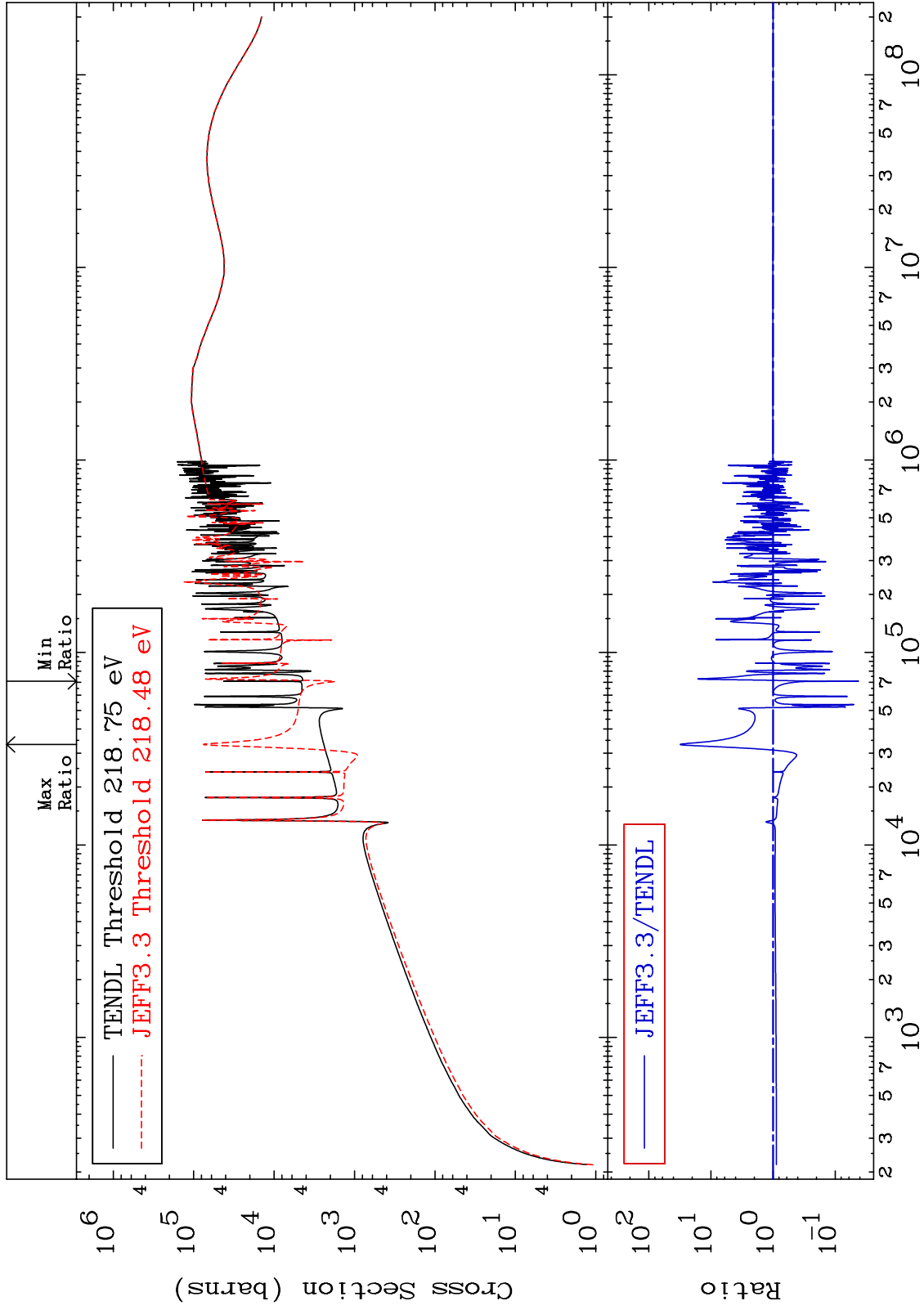
Incident Energy (eV)

16-S -33

MAT 1628

Dpa elastic (mt2)
Cross Section

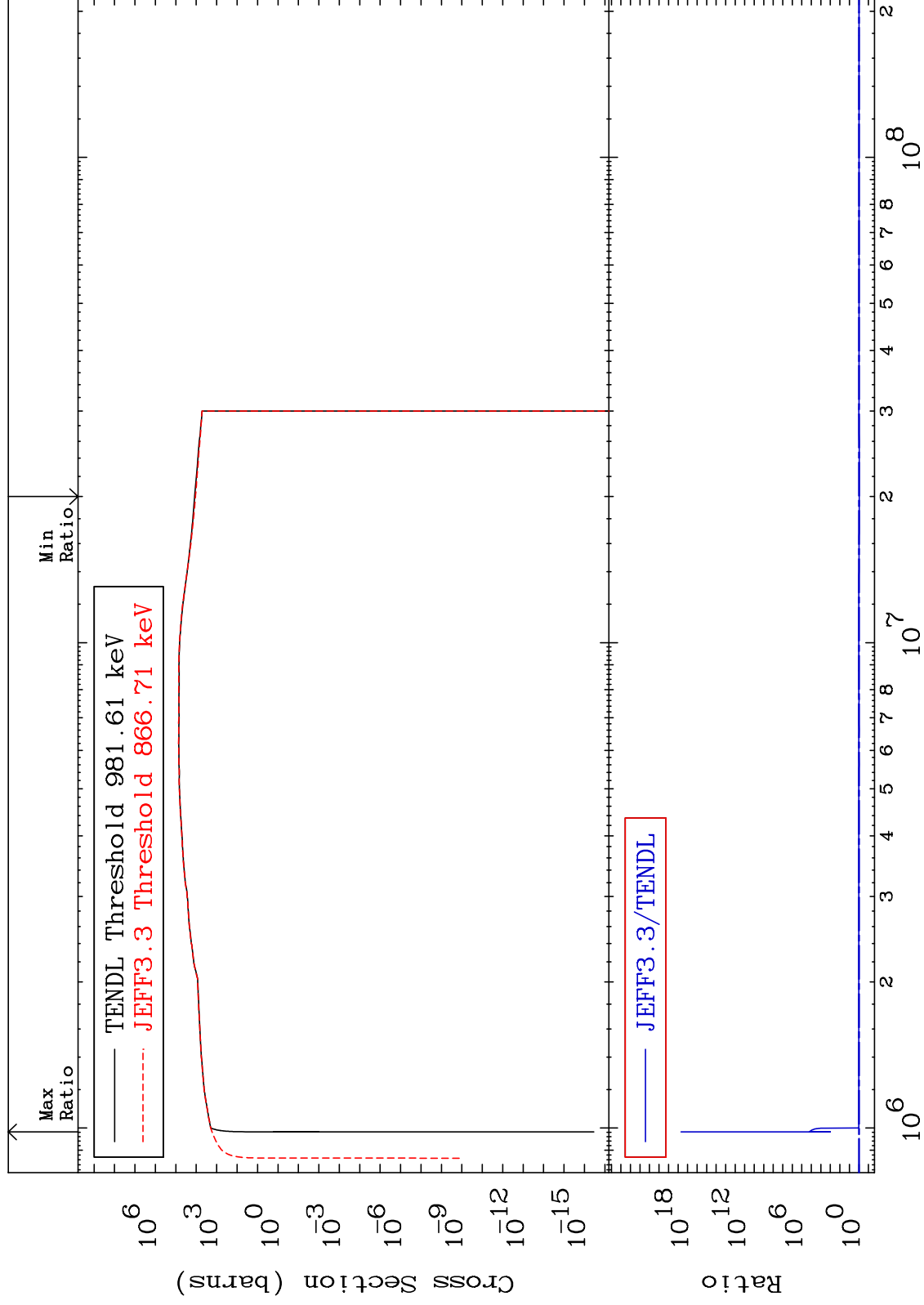
16-S -33
-95.77 To 3038. %



MAT 1628

Dpa inelastic (mt51-91)
Cross Section

16-S -33
-8.483 To 9999. %



75

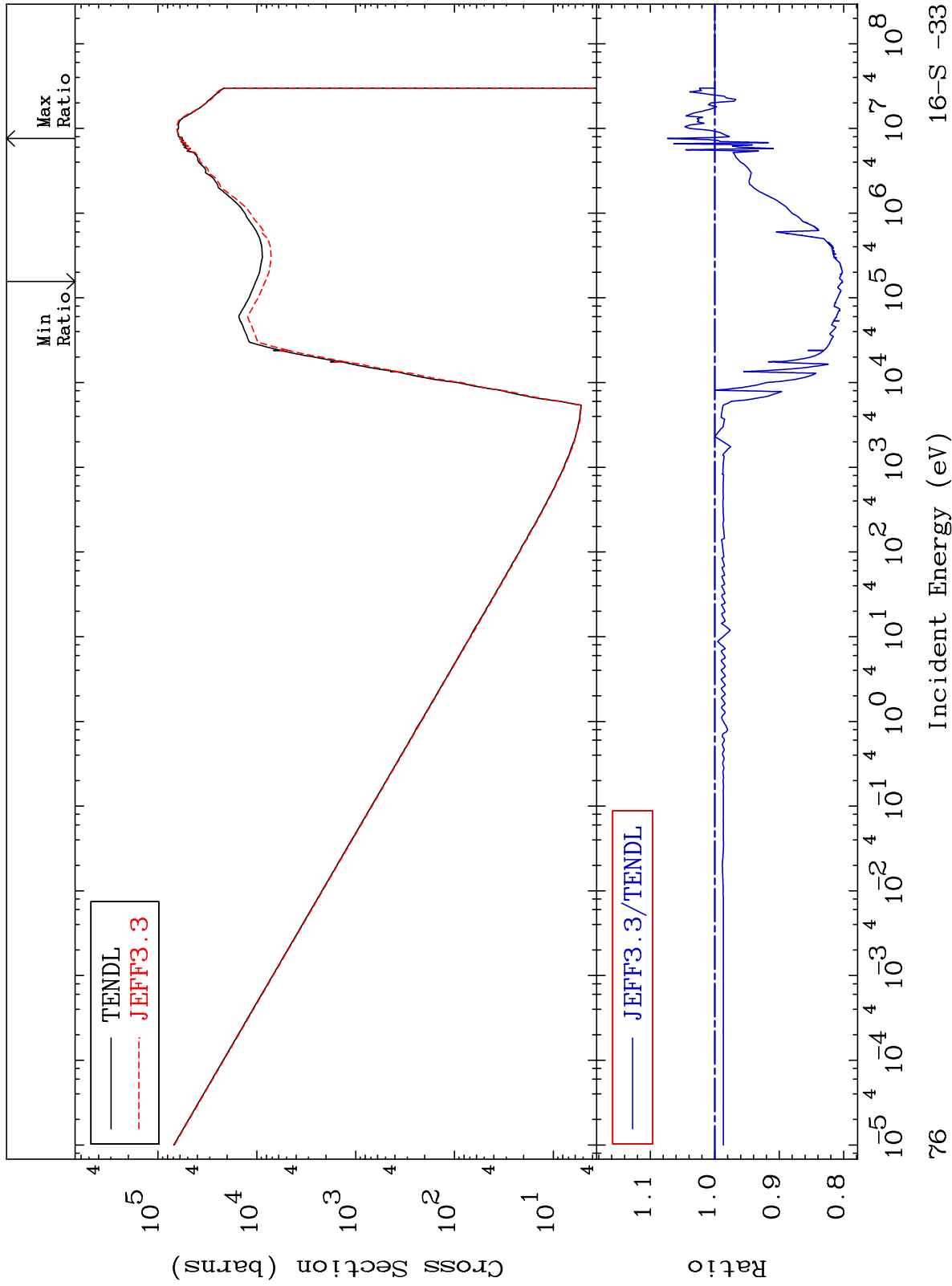
Incident Energy (eV)

16-S -33

MAT 1628

Dpa disappearance (mt102 -120)
Cross Section

16-S -33
-19.84 To 7.335 %



76

16-S -33