

Program Complot
(Version 2018-1)

by

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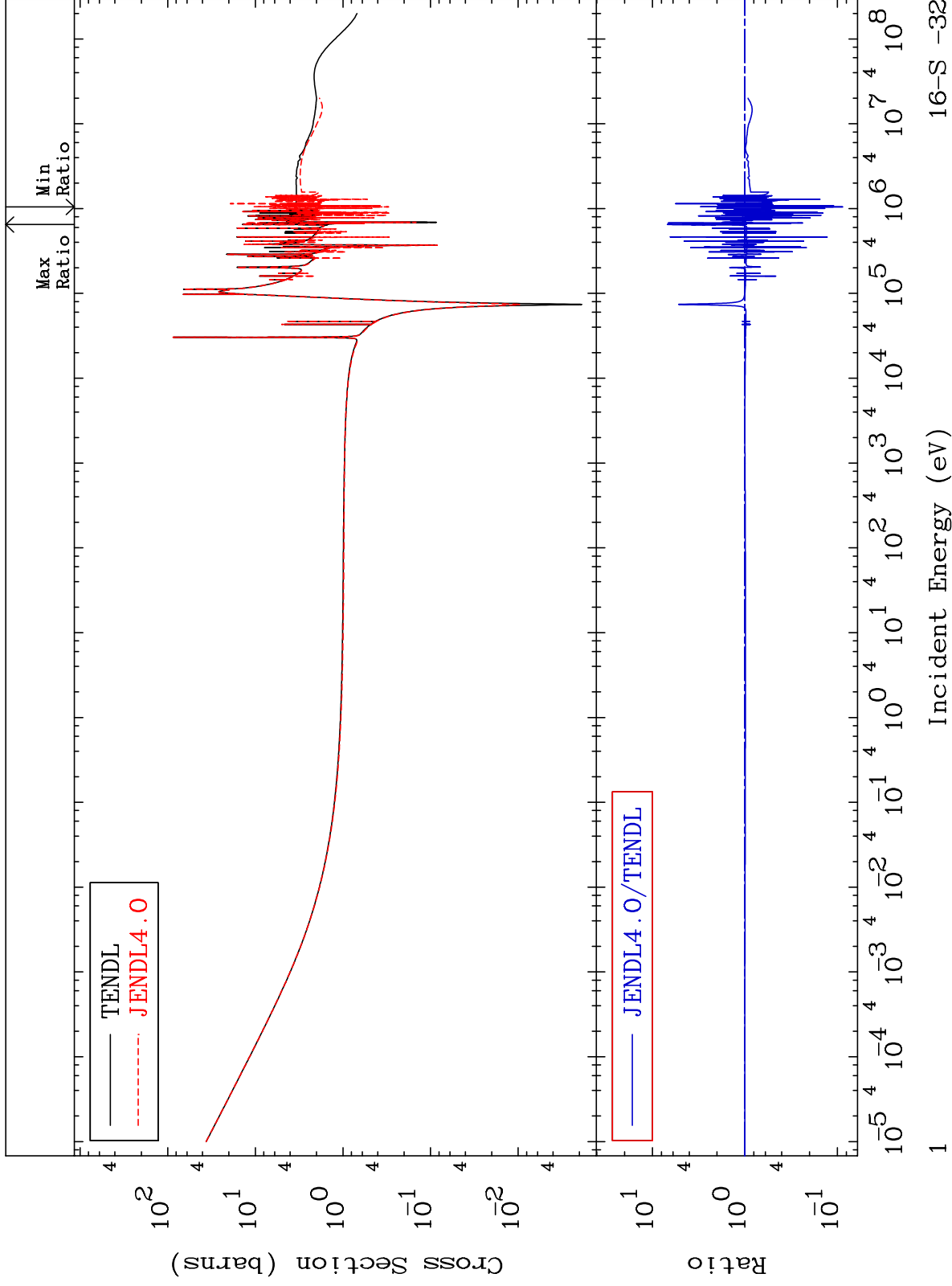
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1625

Total
Cross Section

16-S -32
-91.21 To 590.1 %

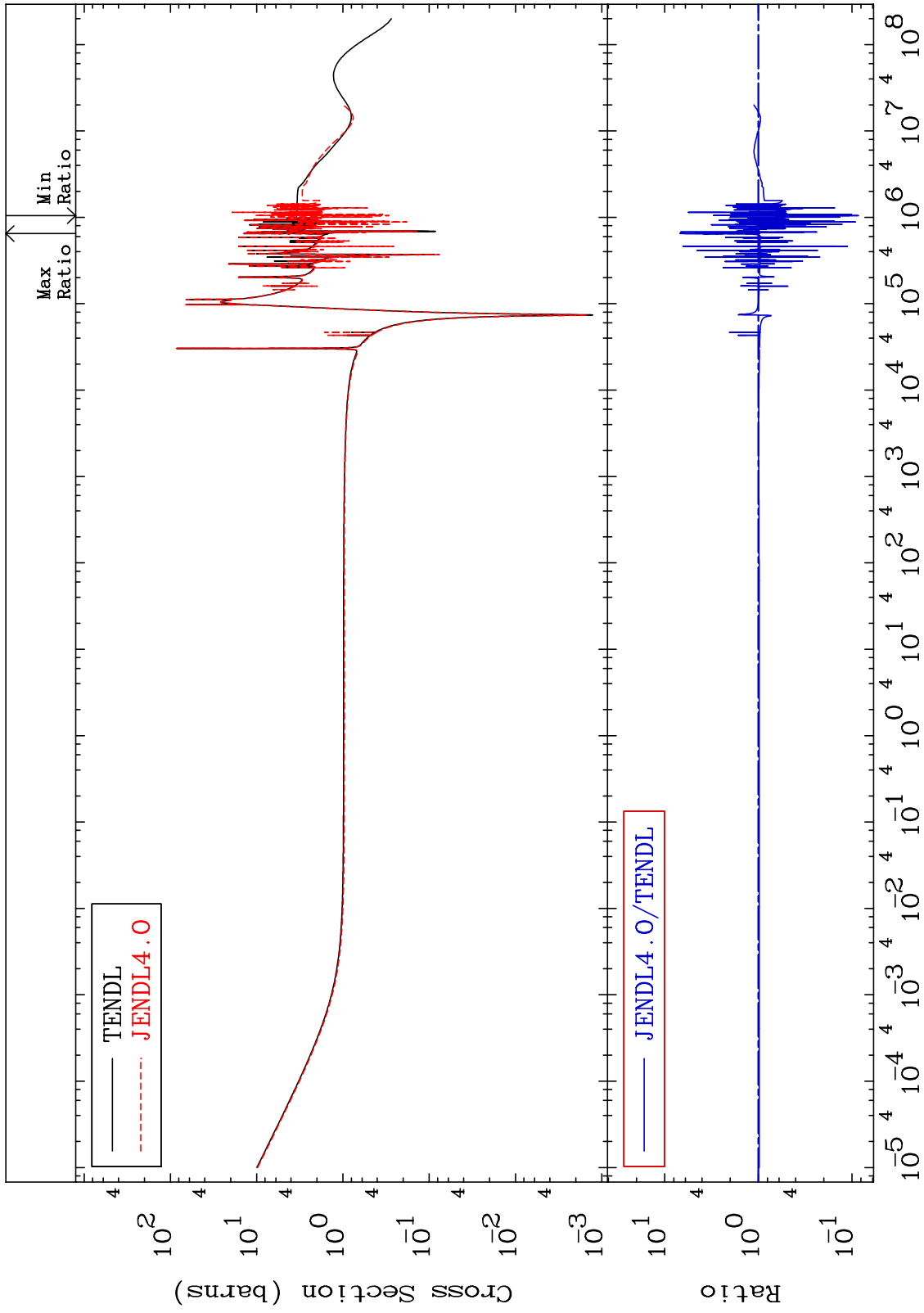


16-S -32

MAT 1625

Elastic
Cross Section

16-S -32
-91.46 To 590.0 %



Incident Energy (eV)

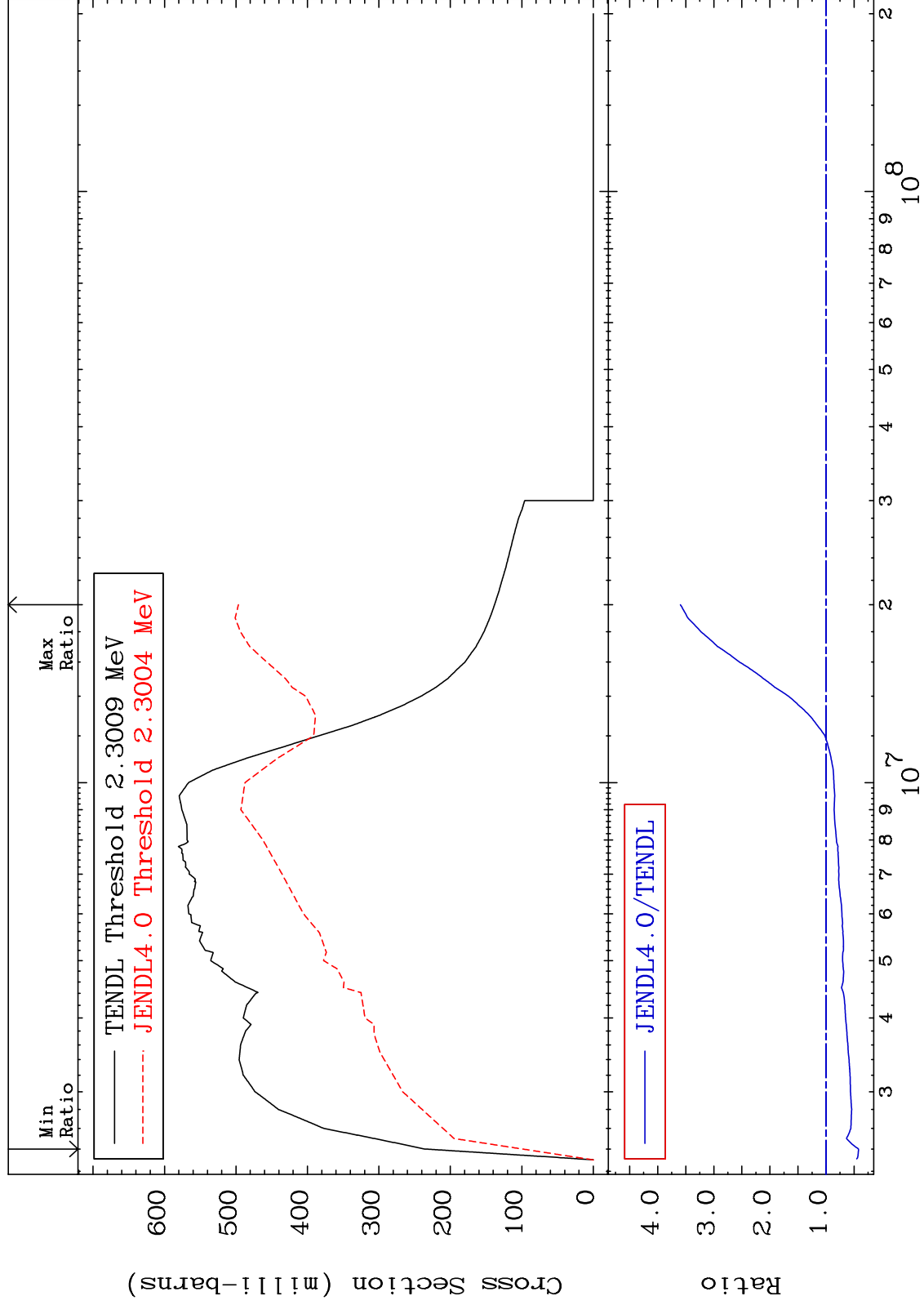
16-S -32

2

MAT 1625

Inelastic
Cross Section

16-S -32
-57.90 To 259.4 %



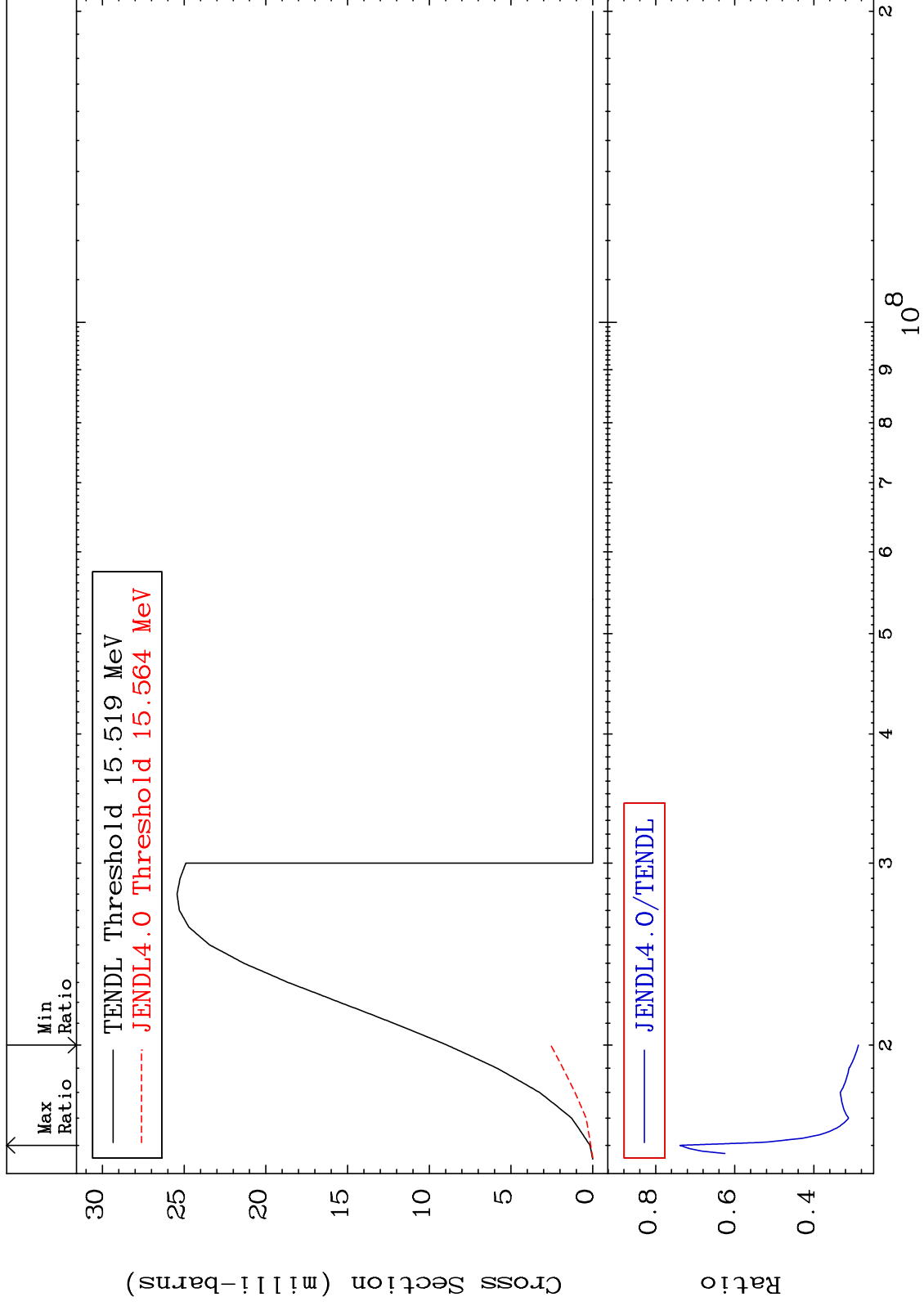
MAT 1625

(n,2n)

16-S -32

Cross Section

-71.24 To -26.16%



4

Incident Energy (eV)

16-S -32

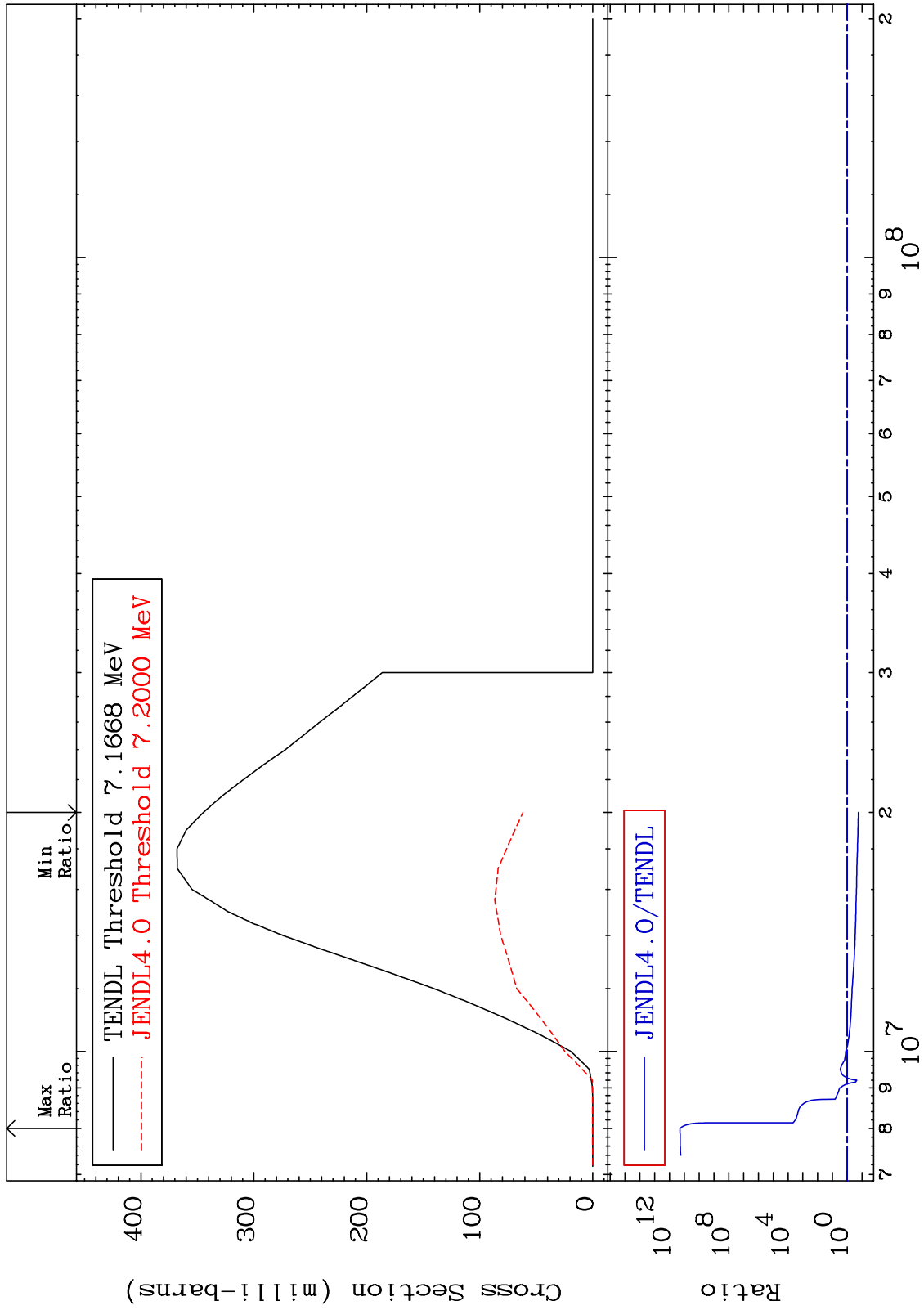
MAT 1625

(n,n') α

16-S -32

Cross Section

-82.11 To 9999. %



5

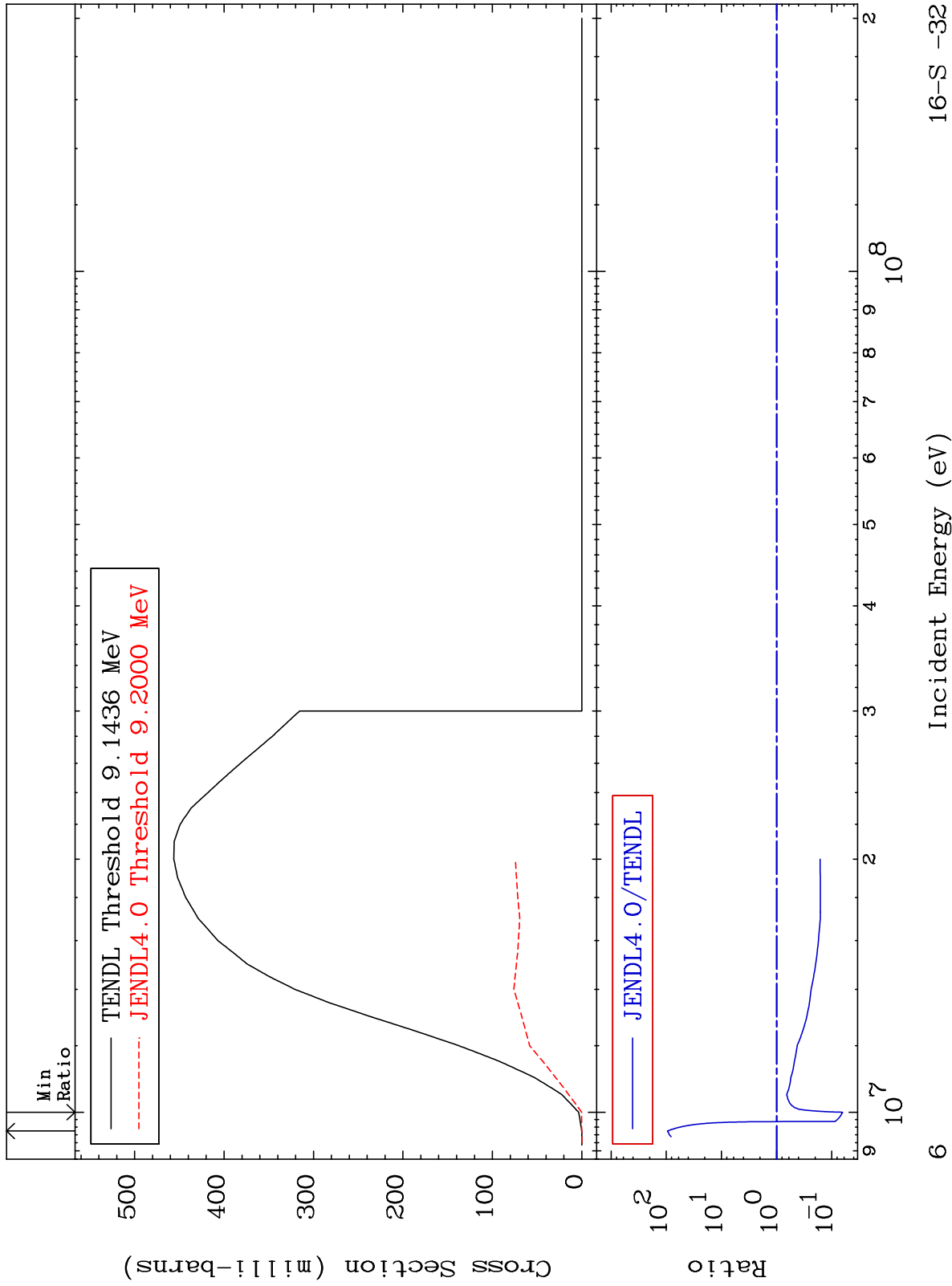
Incident Energy (eV)

16-S -32

MAT 1625

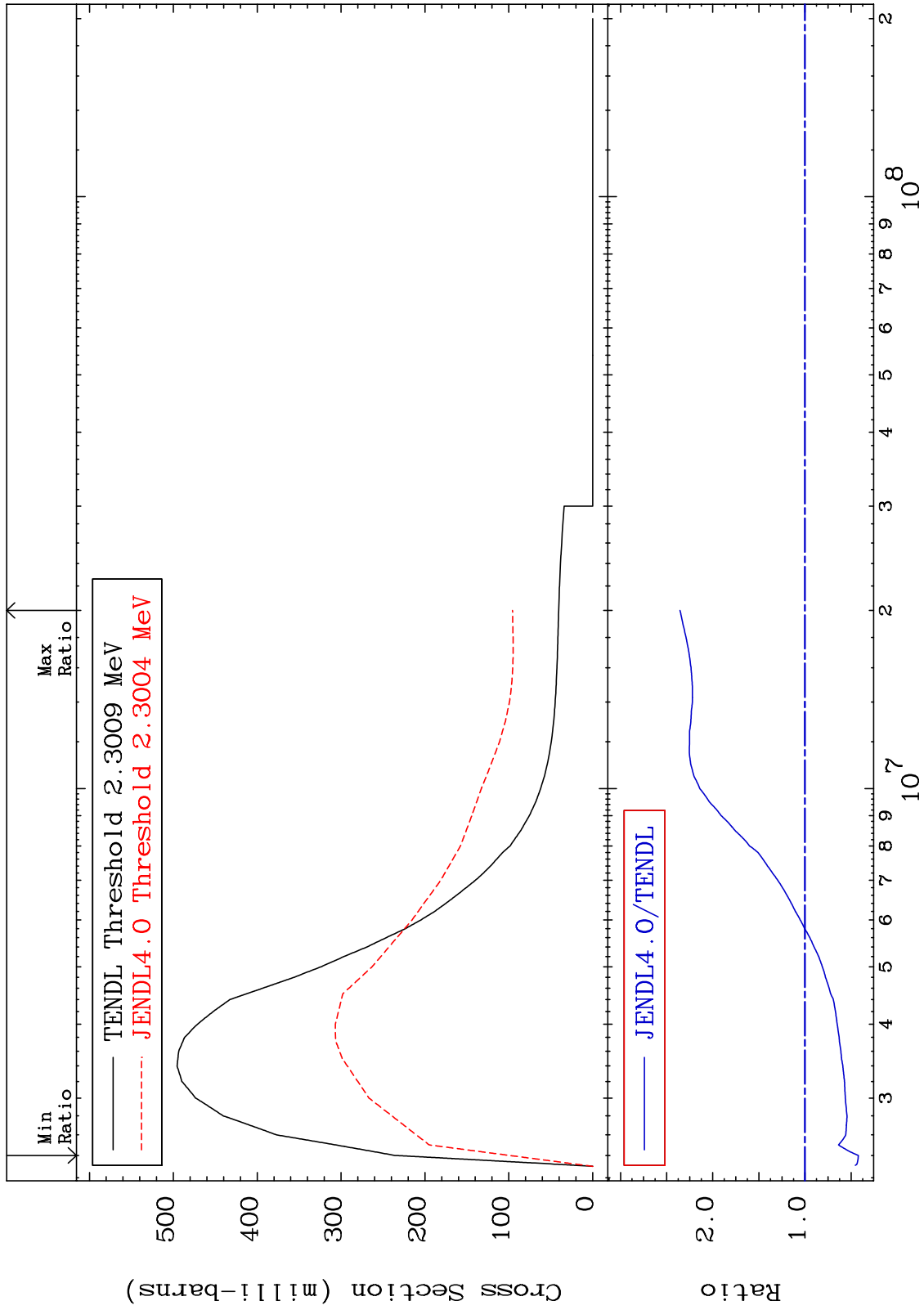
(n,n') p
Cross Section

16-S -32
-93.65 To 9385. %



16-S -32

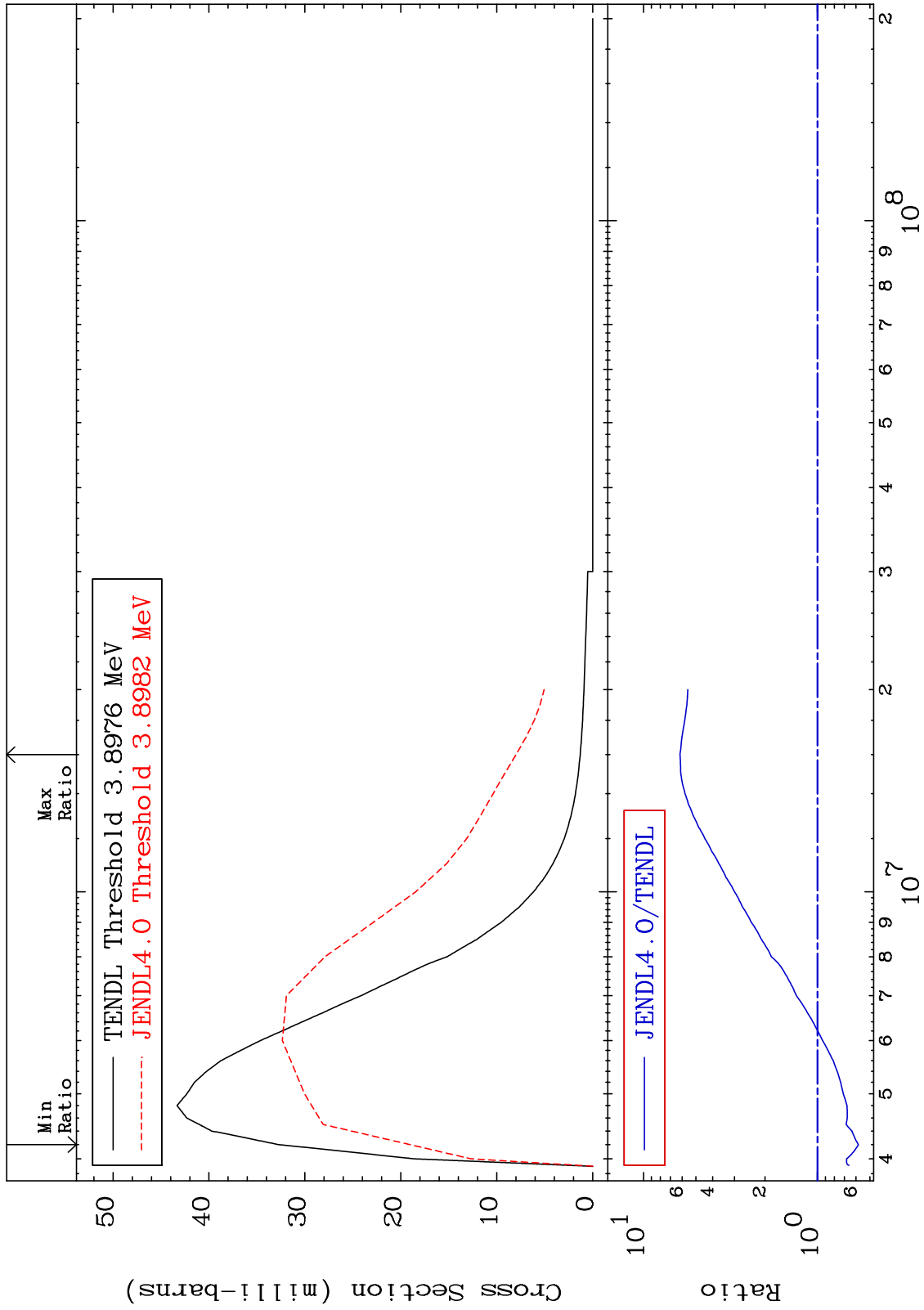
MAT 1625 MT= 51 (n,n') Level Cross Section 16-S -32
 -57.90 To 135.5 %



MAT 1625

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

16-S -32
-41.83 To 516.3 %



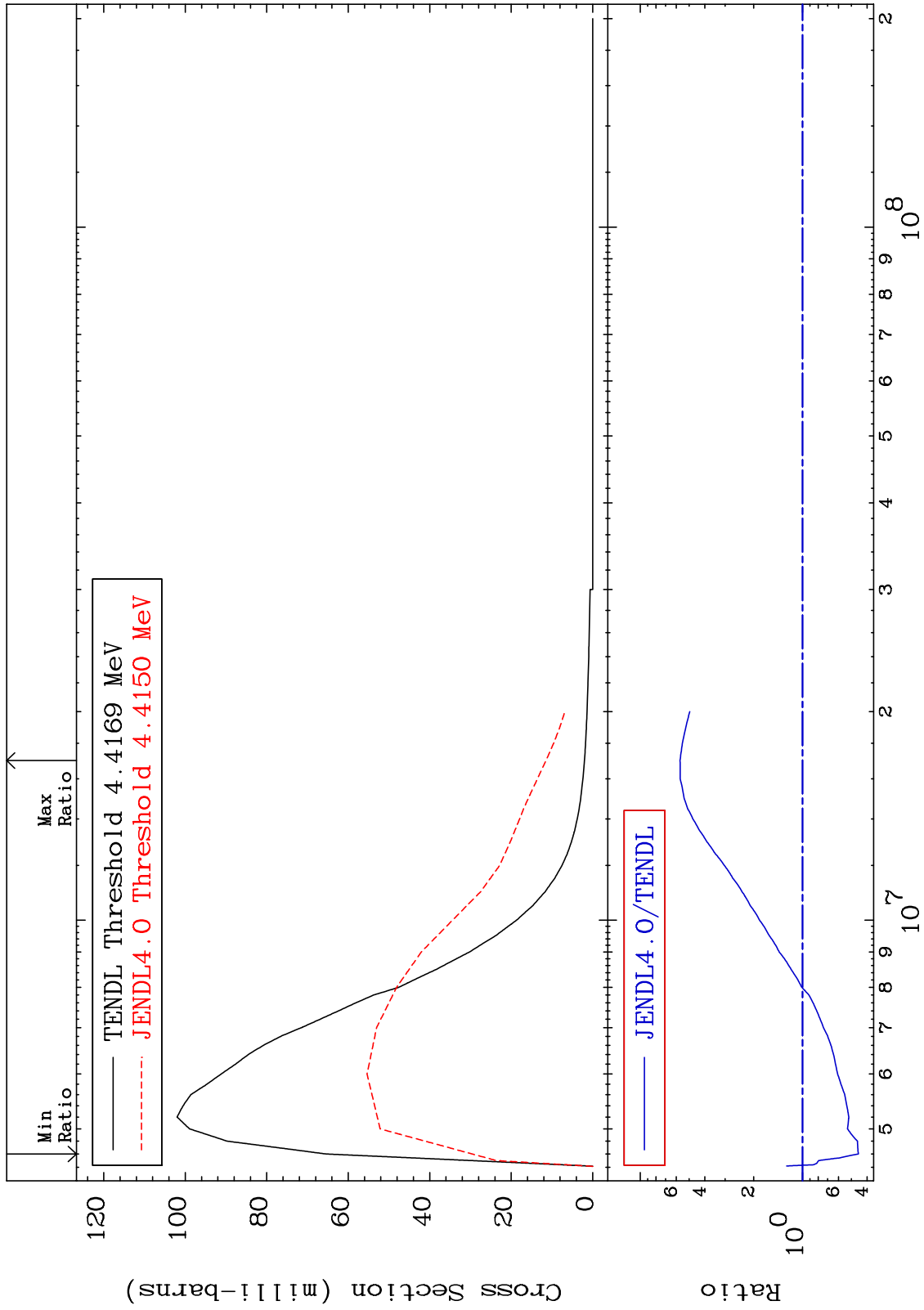
8

16-S -32

MAT 1625

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

16-S -32
-54.81 To 469.2 %



9

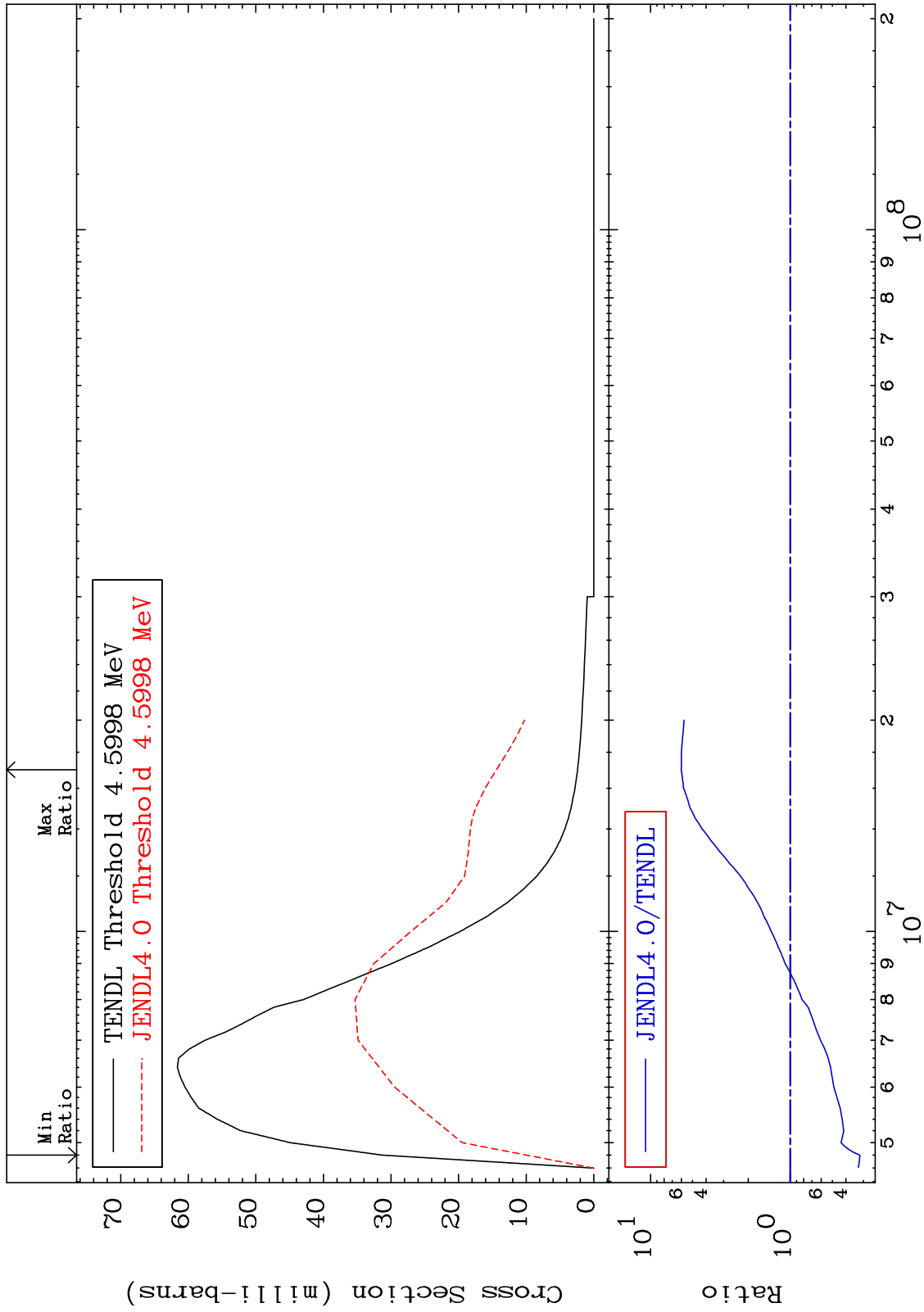
Incident Energy (eV)

16-S -32

MAT 1625

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

16-S -32
-68.28 To 502.4 %

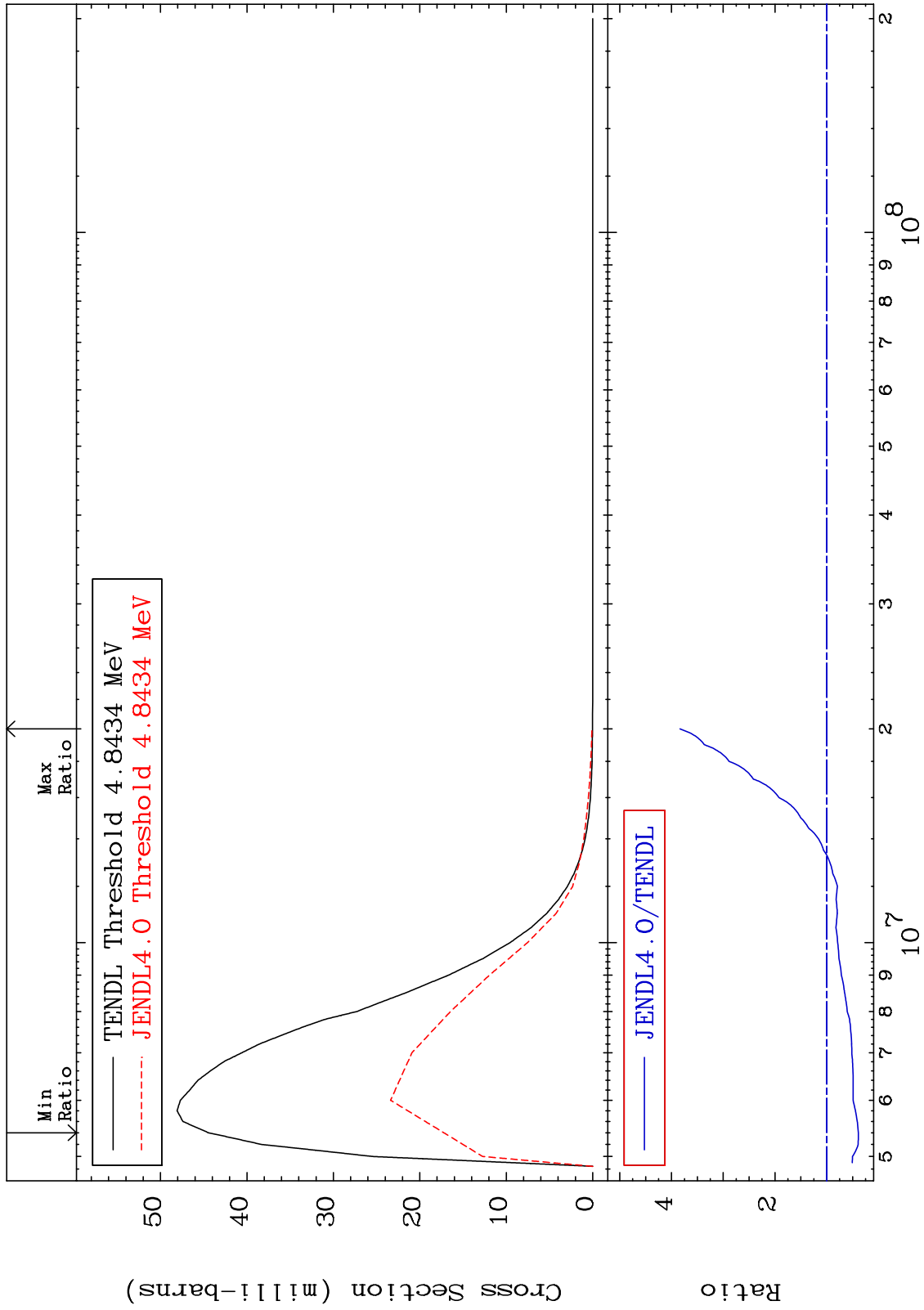


10

Incident Energy (eV)

16-S -32

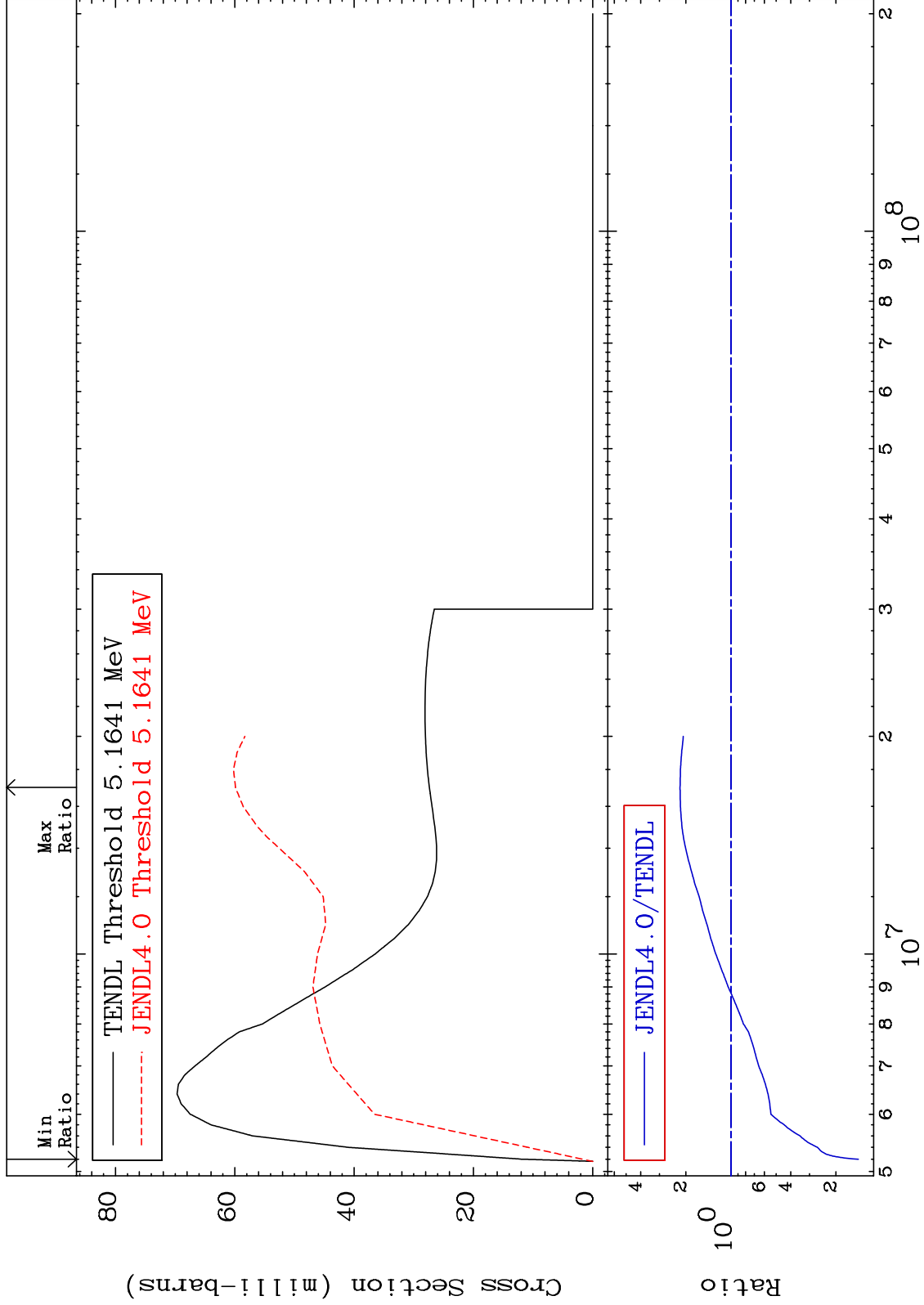
MAT 1625 MT= 55 (n,n') Level Cross Section -61.25 To 283.5 % 16-S -32



MAT 1625

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

16-S -32
-85.83 To 118.7 %



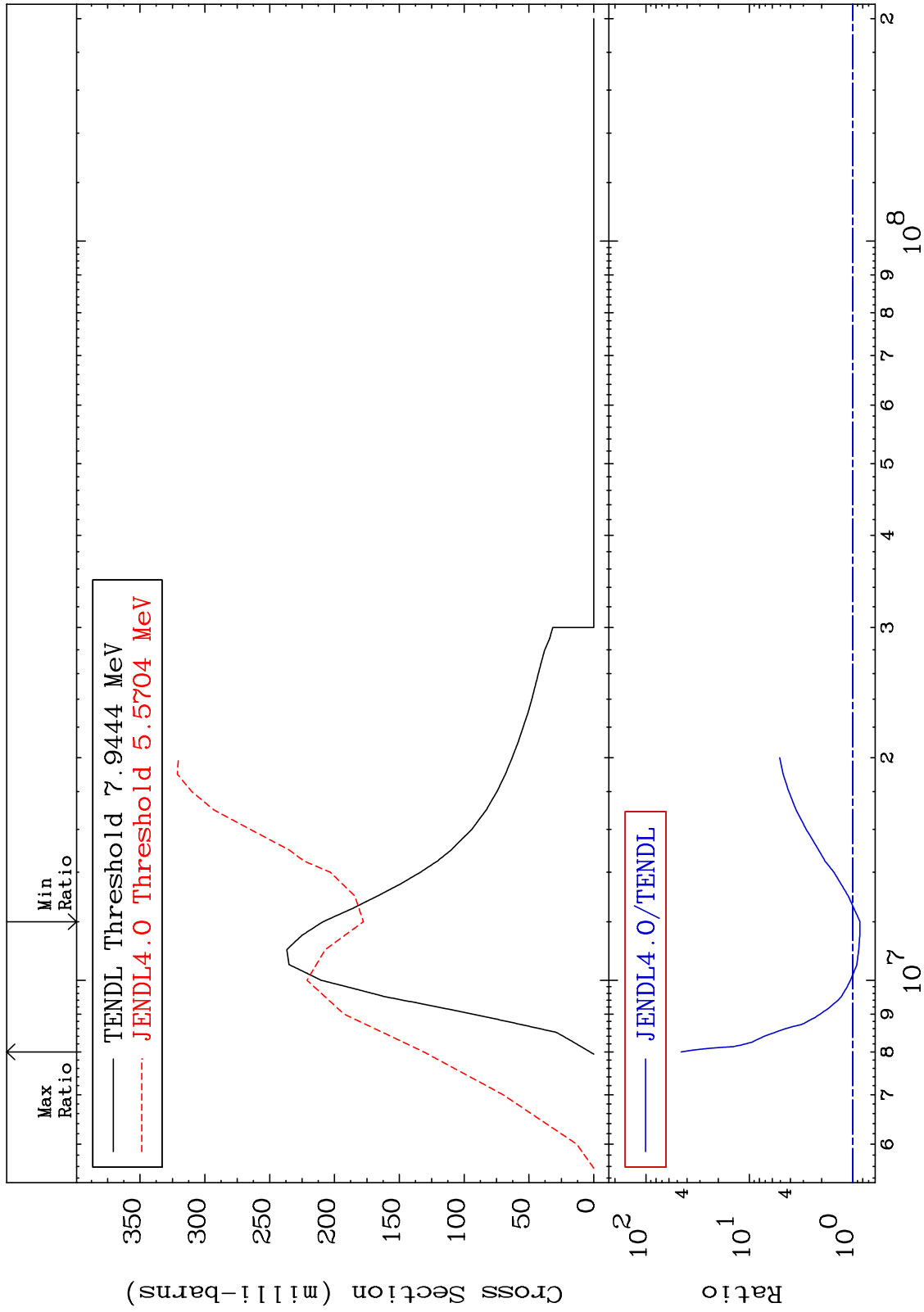
12

16-S -32

MAT 1625

(n,n') Continuum
Cross Section

16-S -32
-14.90 To 4463. %



13

Incident Energy (eV)

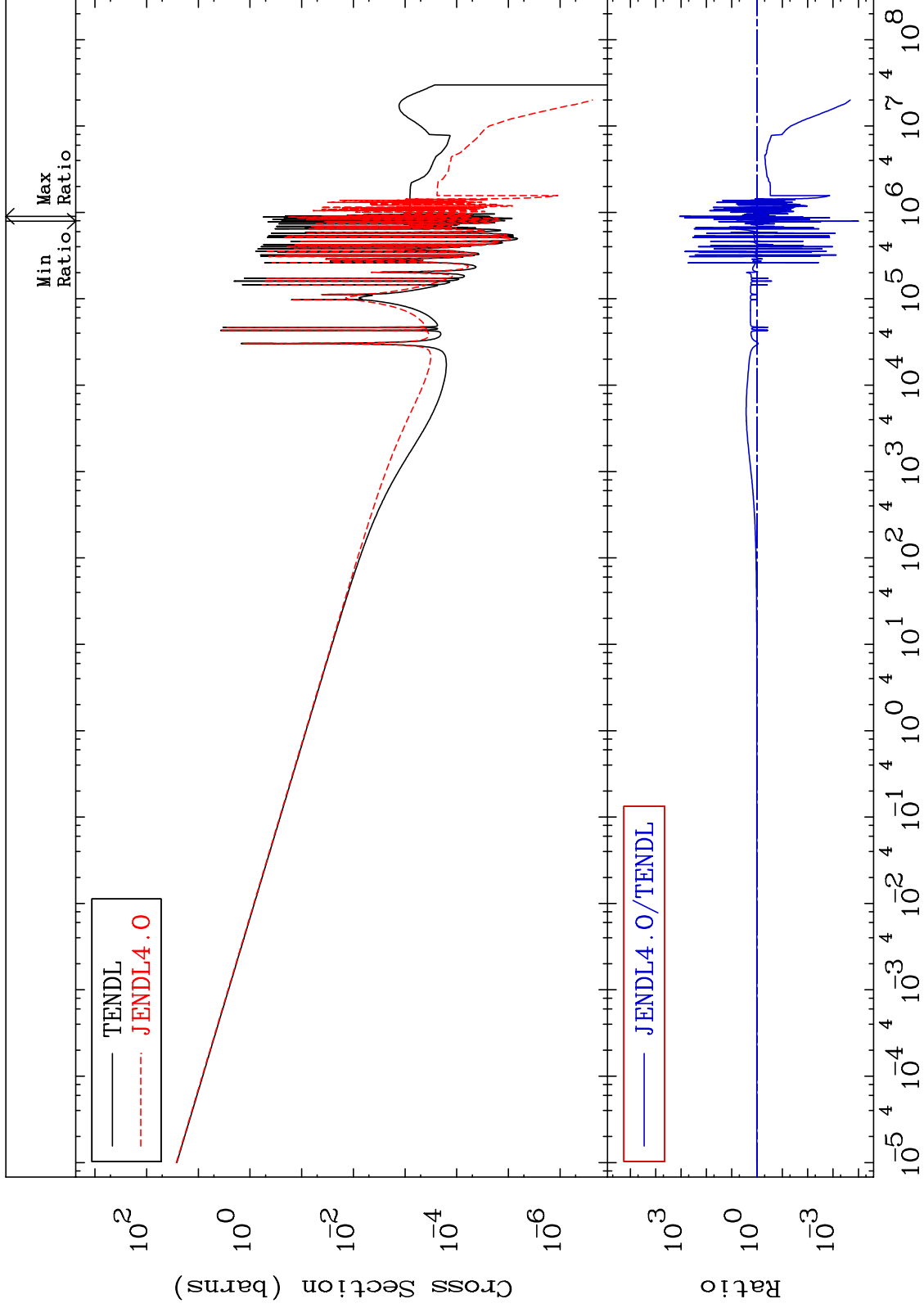
16-S -32

MAT 1625

(n, γ)

16-S -32
-99.99 To 9999. %

Cross Section



14

Incident Energy (eV)

16-S -32

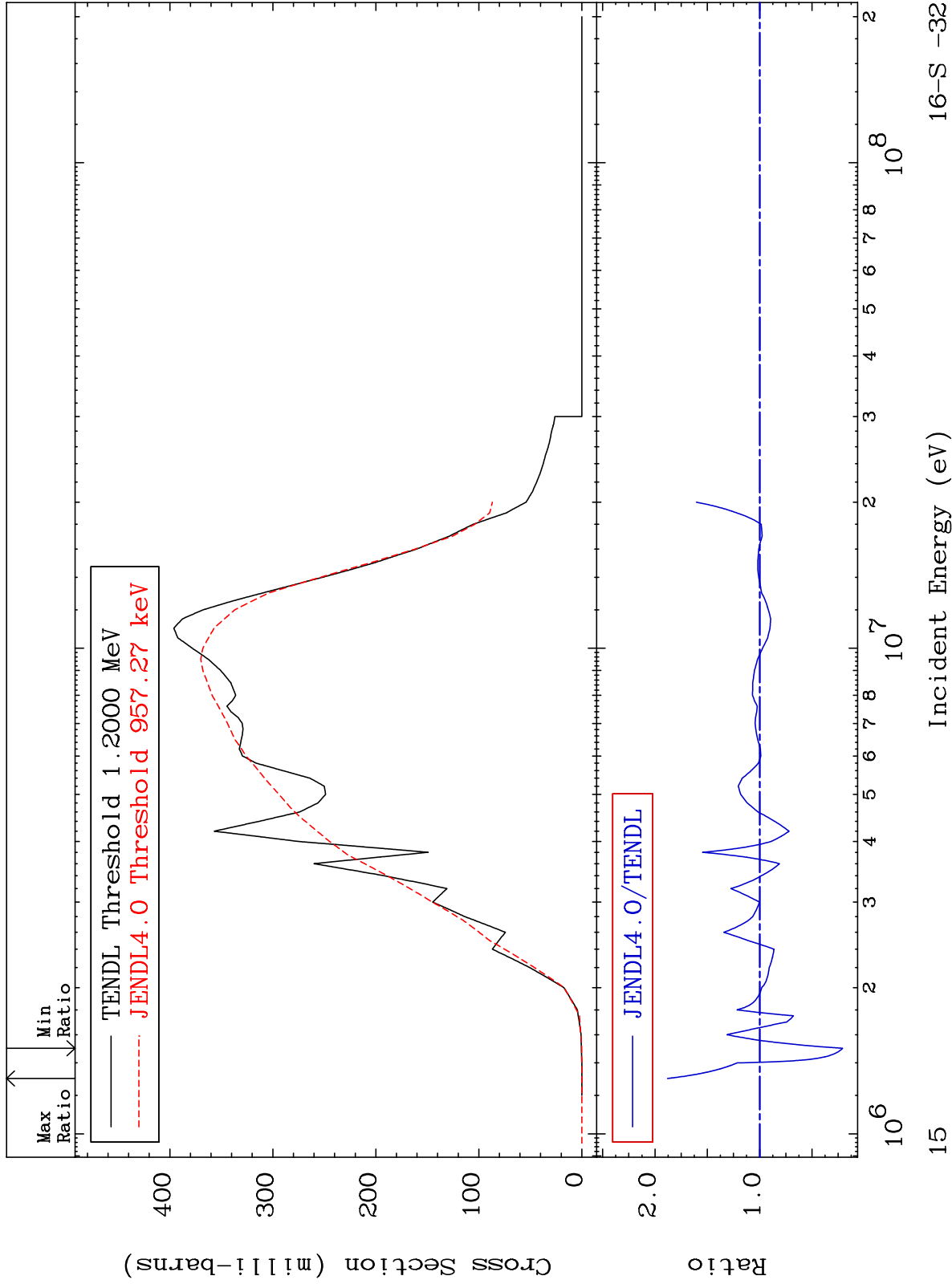
MAT 1625

(n,p)

16-S -32

Cross Section

-79.28 To 88.00 %

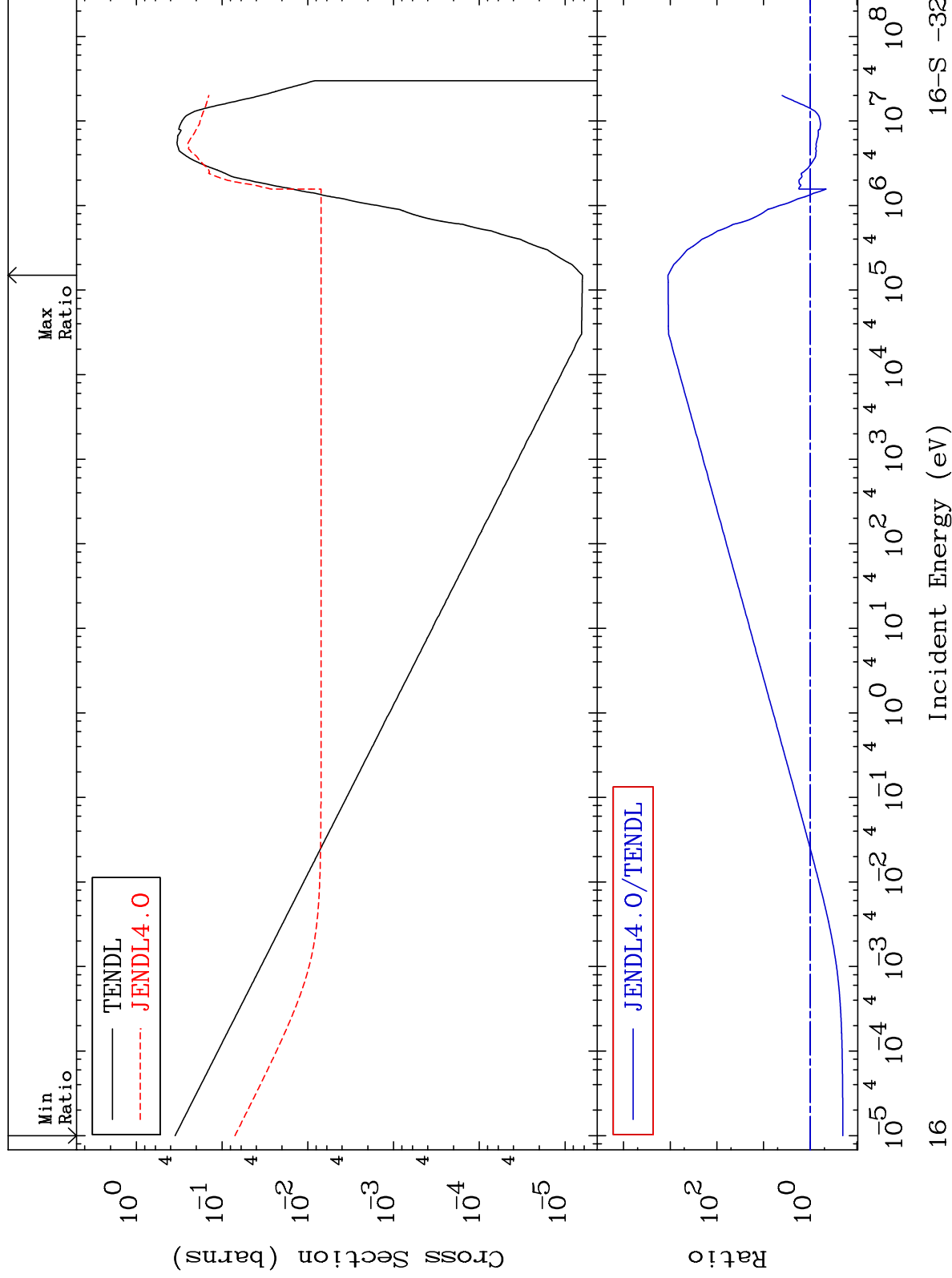


MAT 1625

(n, α)

Cross Section

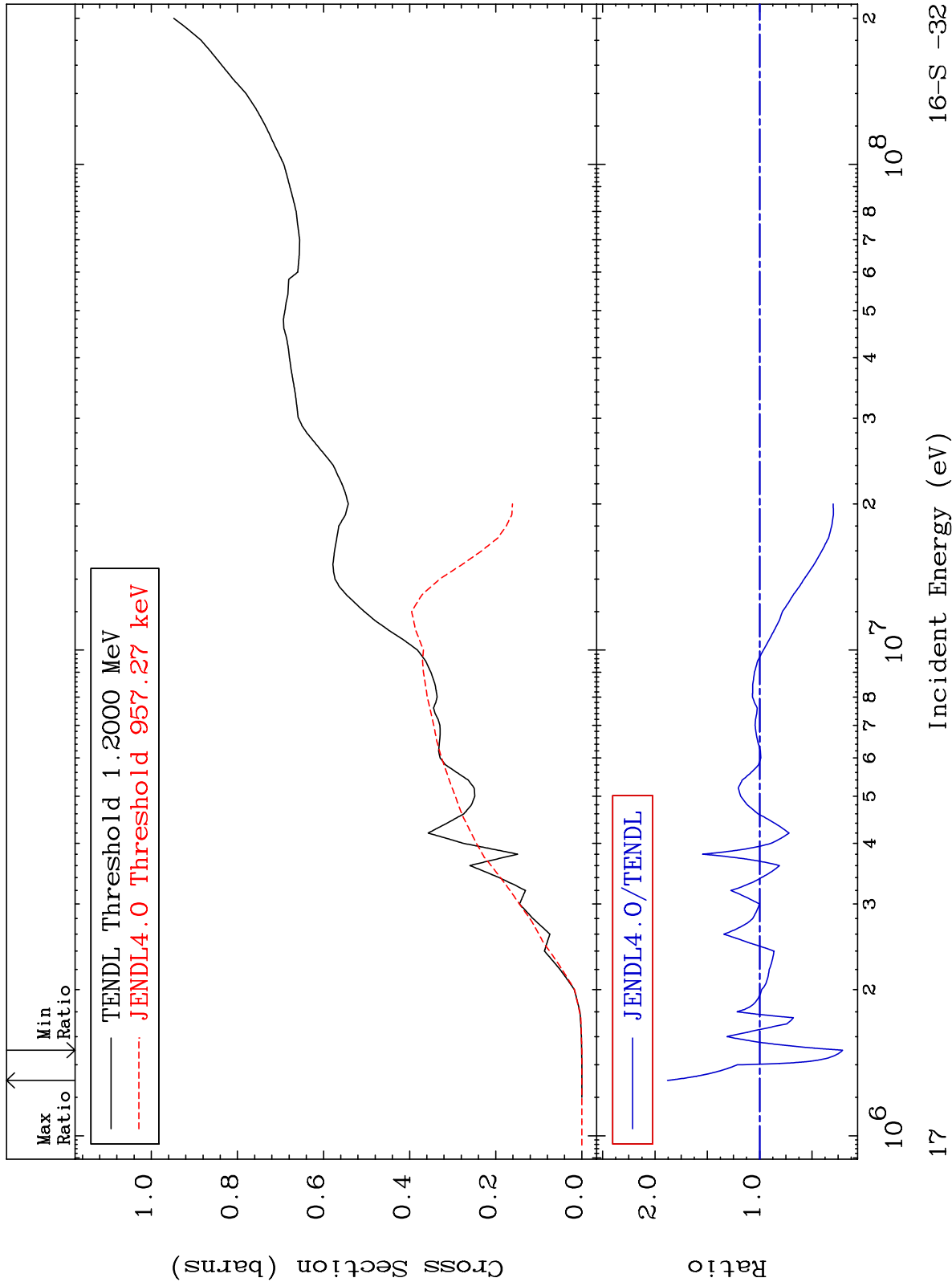
16-S -32
-79.95 To 9999. %



MAT 1625

Hydrogen Production Cross Section

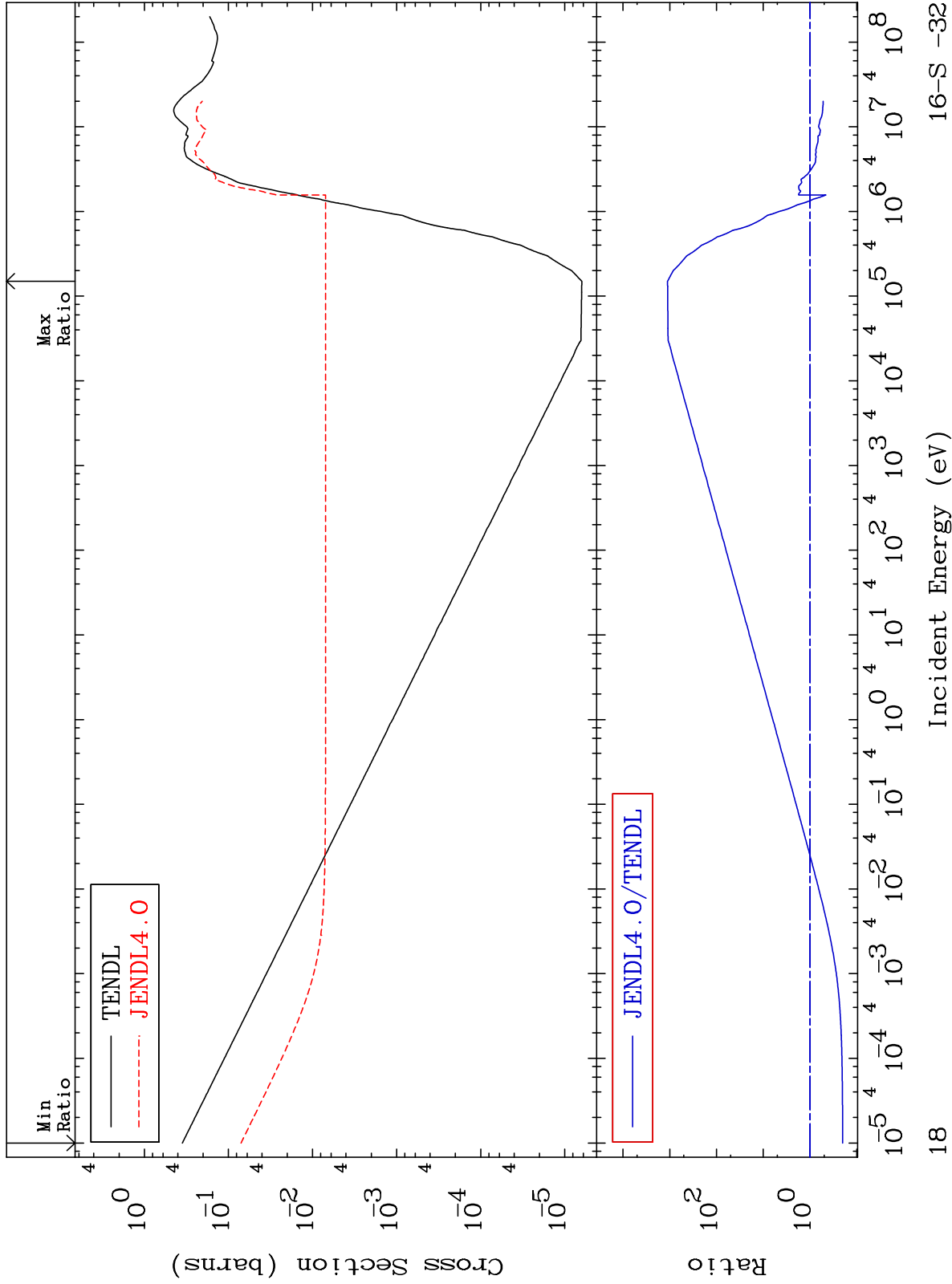
16-S -32
-79.28 To 88.00 %



MAT 1625

He-4 Production
Cross Section

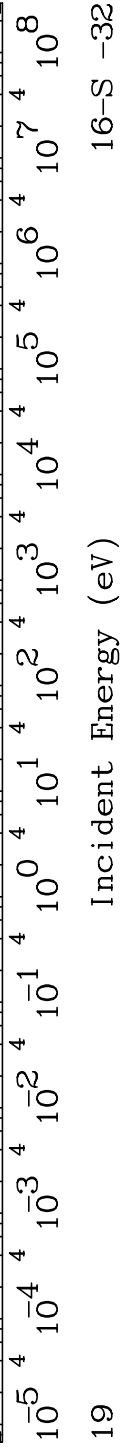
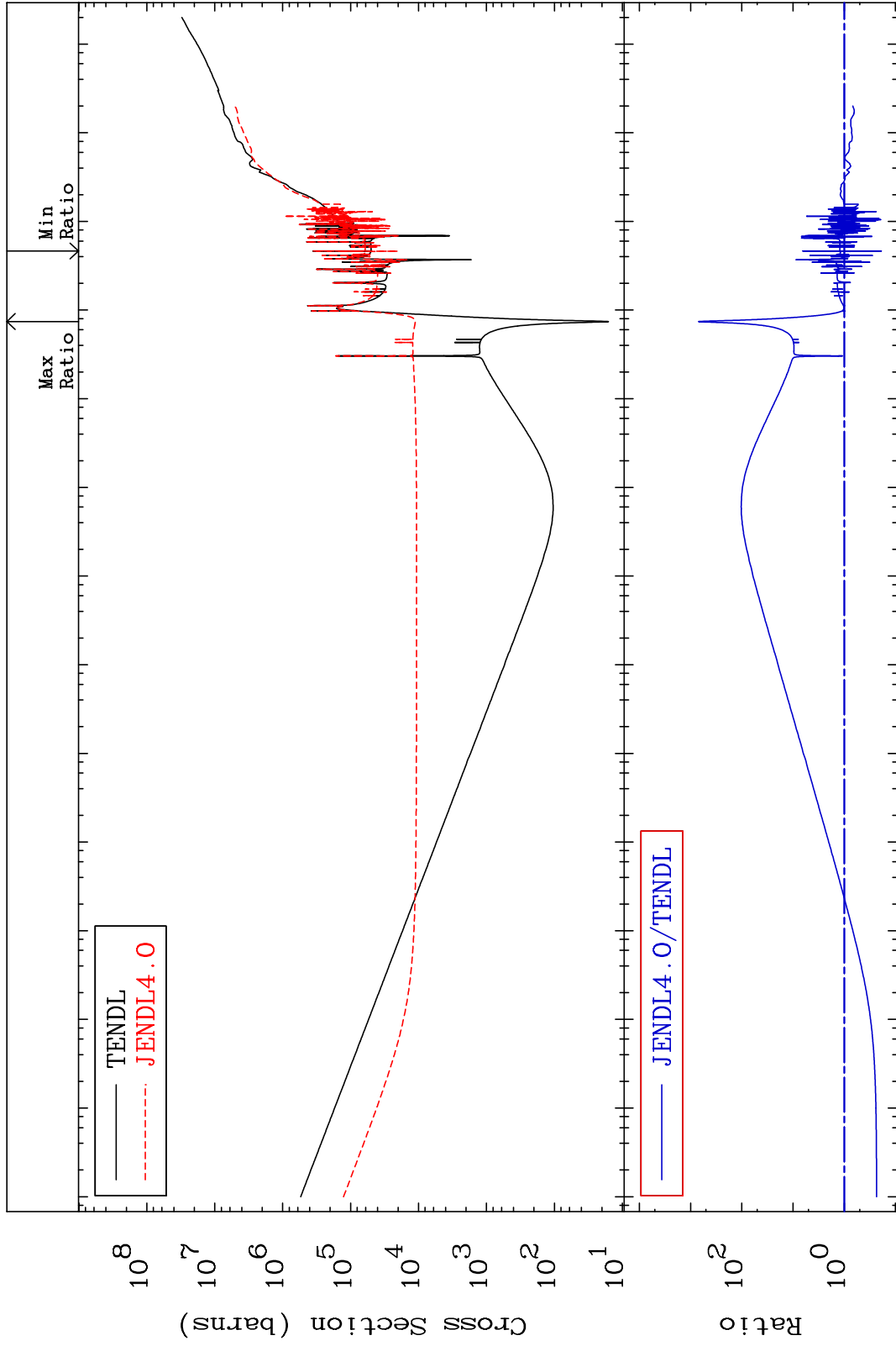
16-S -32
-79.95 To 9999. %



MAT 1625

Kerma total (eV-barns)
Cross Section

16-S -32
-81.30 To 9999. %



19

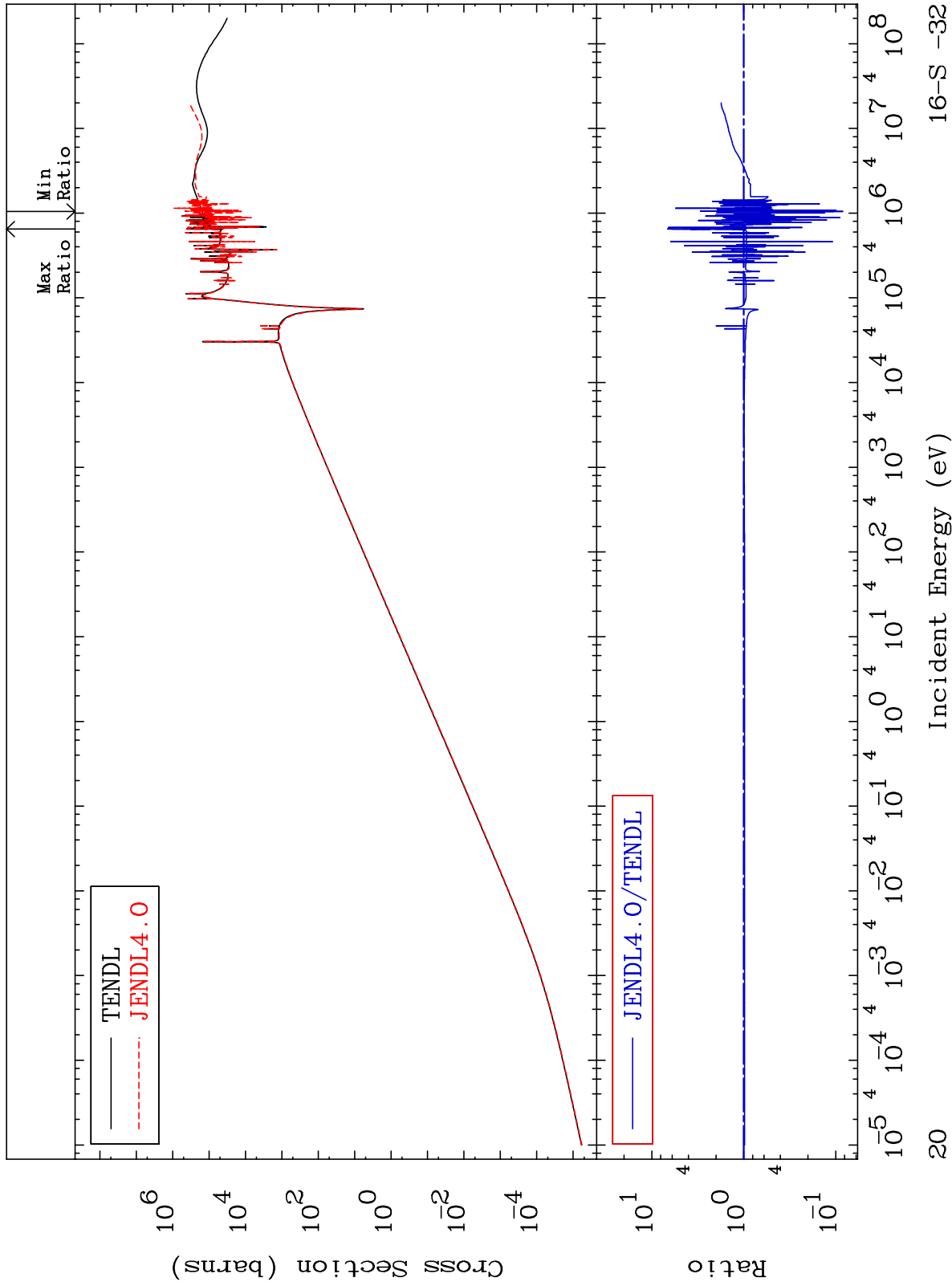
Incident Energy (eV)

16-S -32

MAT 1625

Kerma elastic
Cross Section

16-S -32
-91.60 To 573.6 %



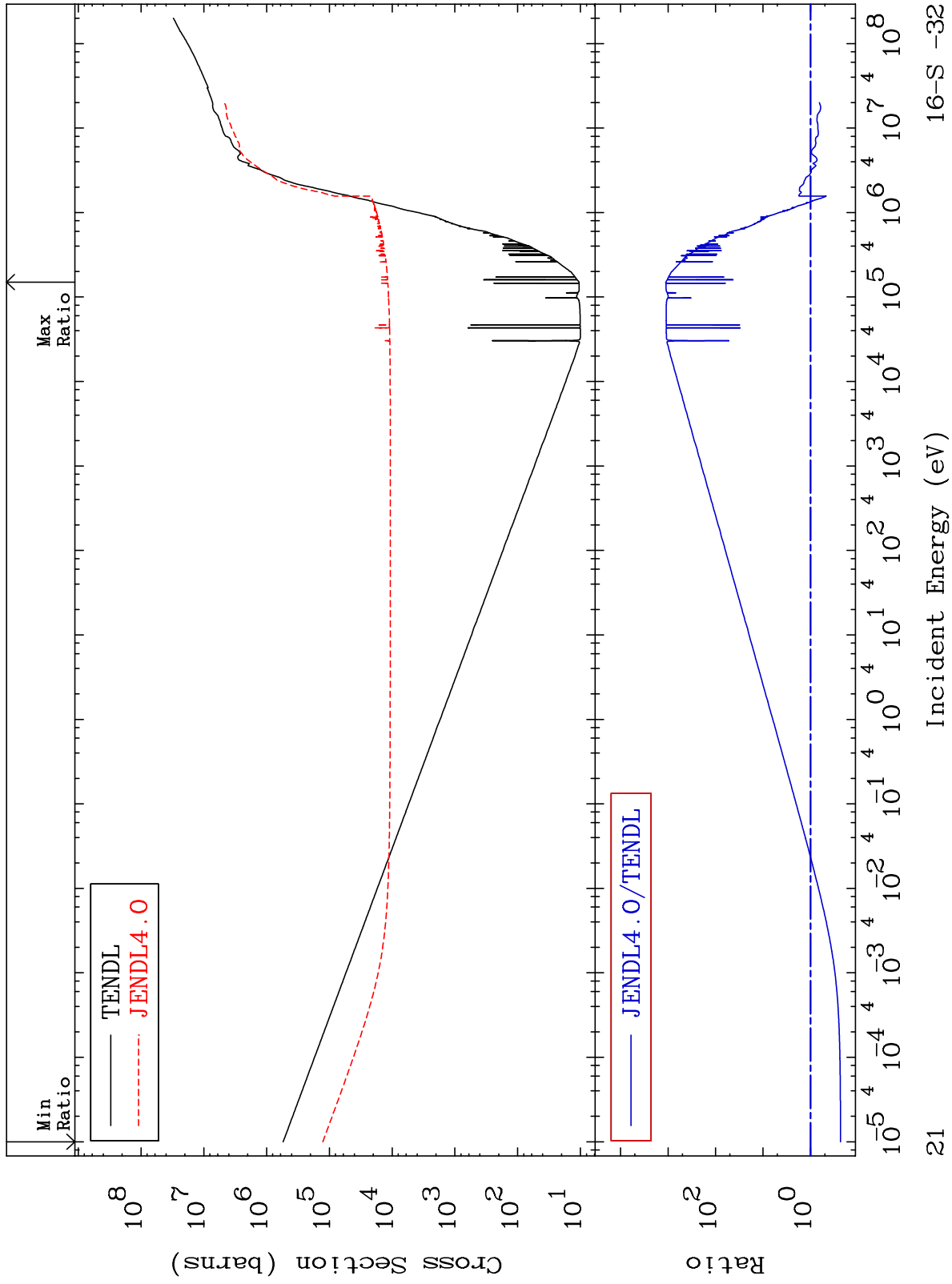
20

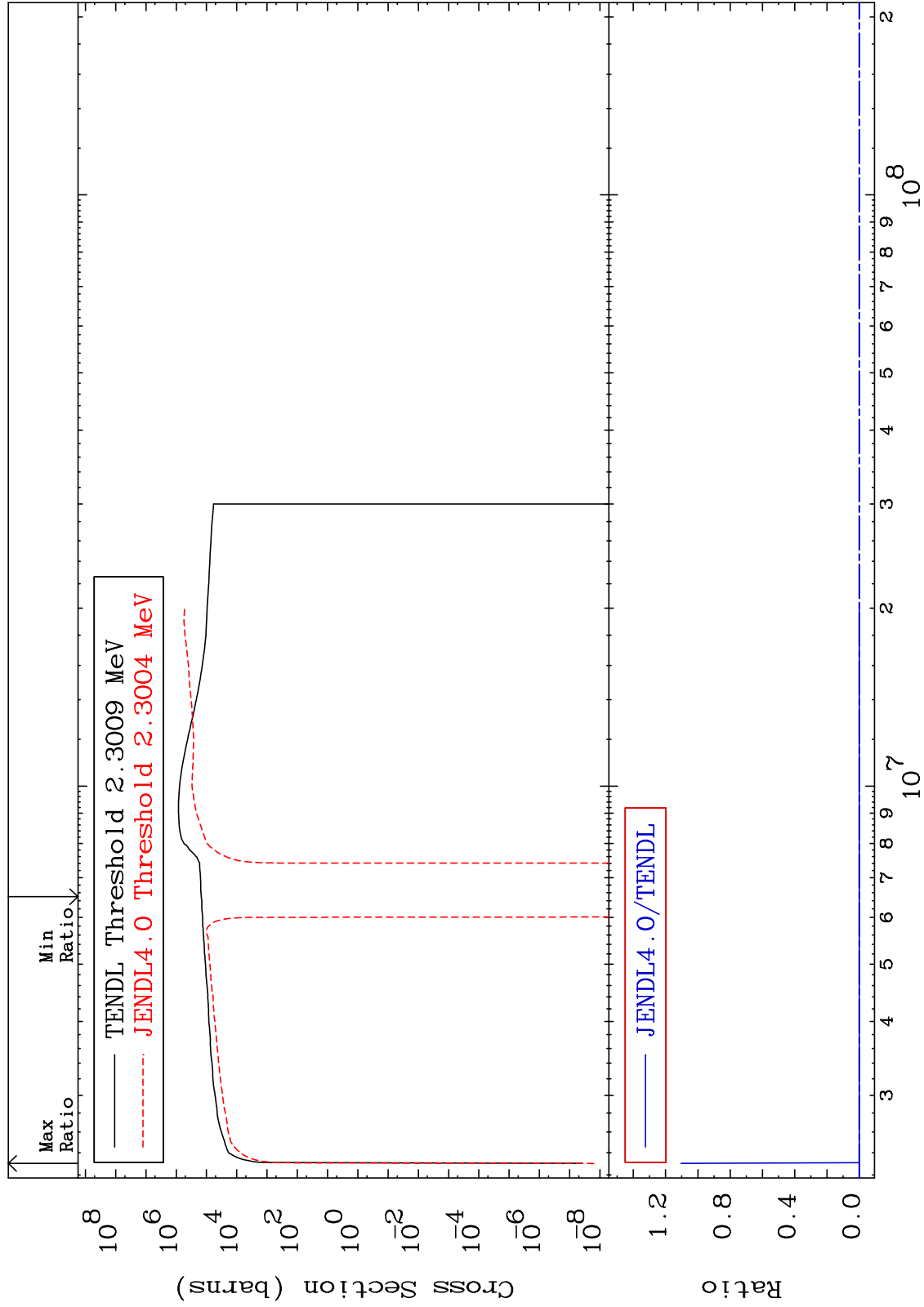
16-S -32

MAT 1625

Kerma non-elastic (all but mt2)
Cross Section

16-S -32
-76.64 To 9999. %

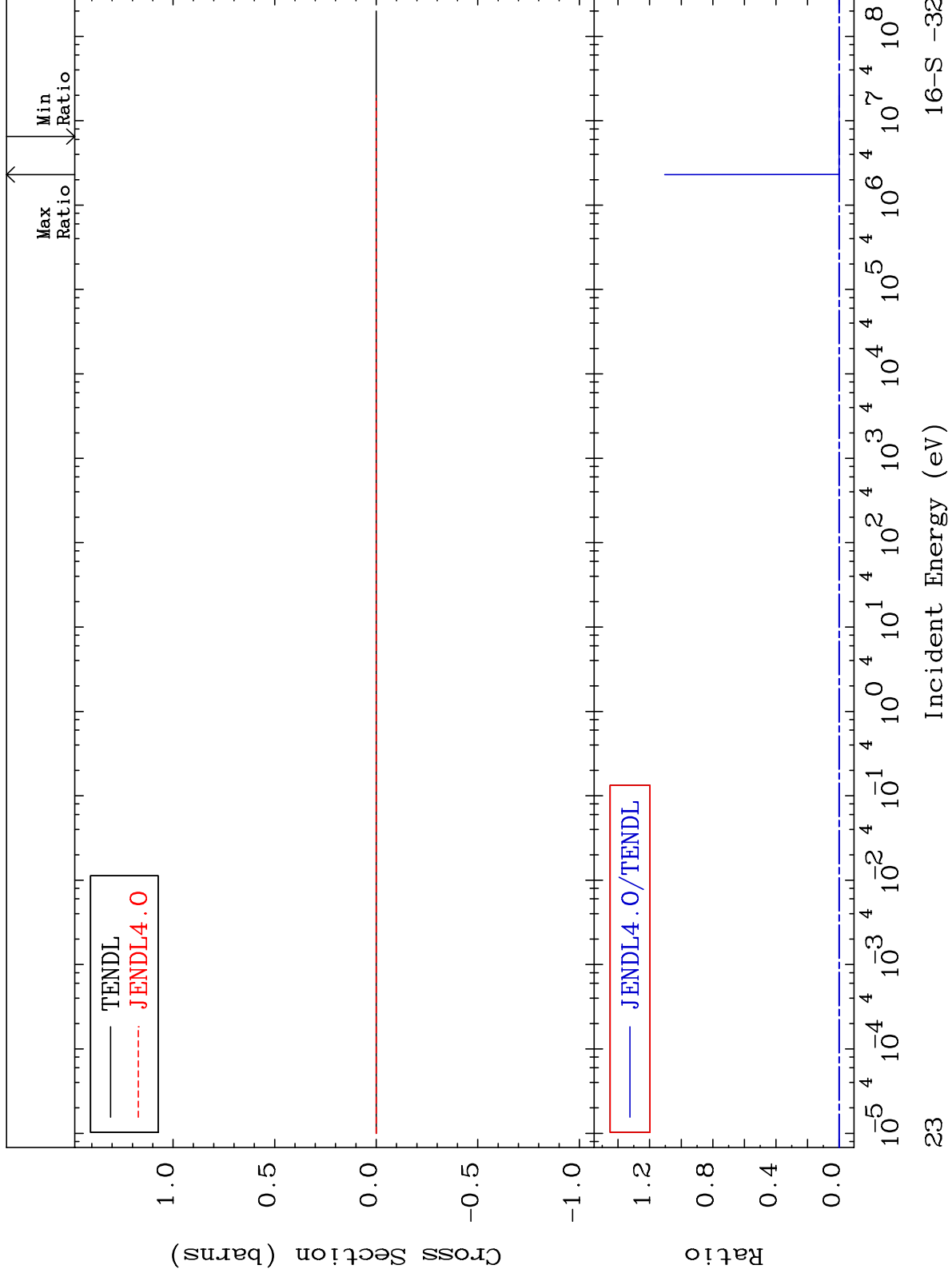




MAT 1625

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

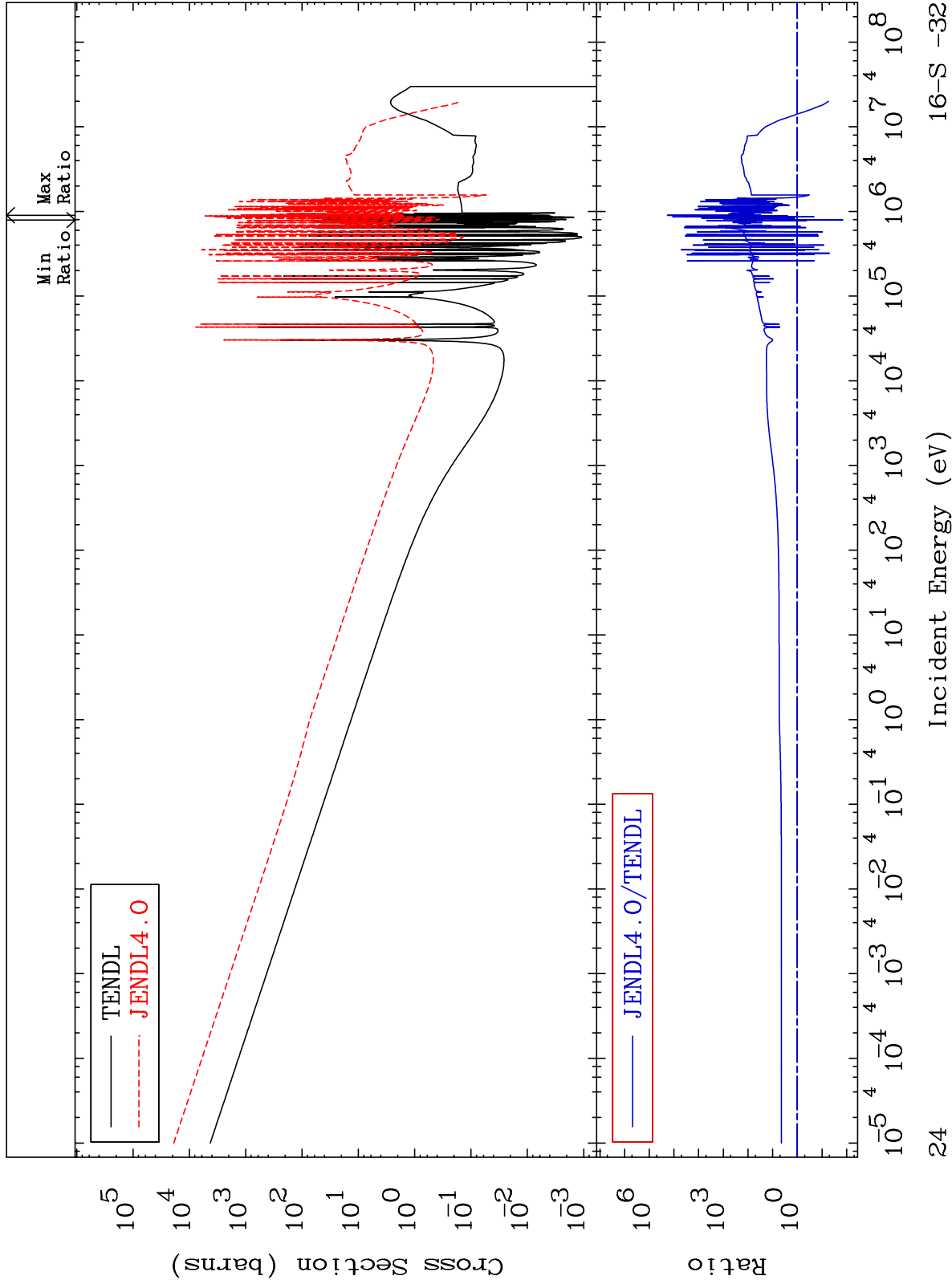
16-S -32
-161.4 To 9999. %



MAT 1625

Kerma capture (mt102)
Cross Section

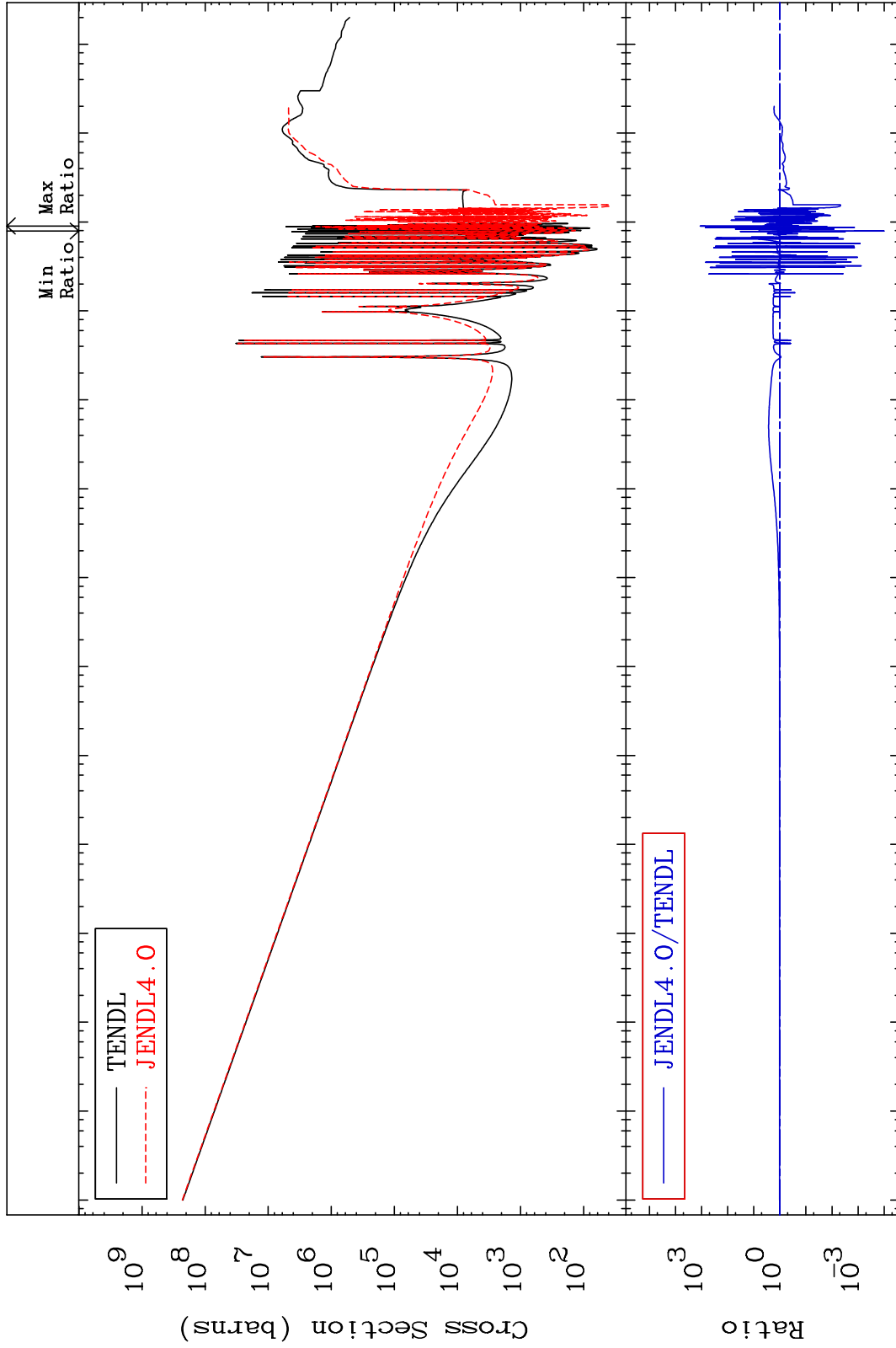
16-S -32
-98.55 To 9999. %



MAT 1625

Total photon (eV-barns)
Cross Section

16-S -32
-99.99 To 9999. %



Incident Energy (eV)

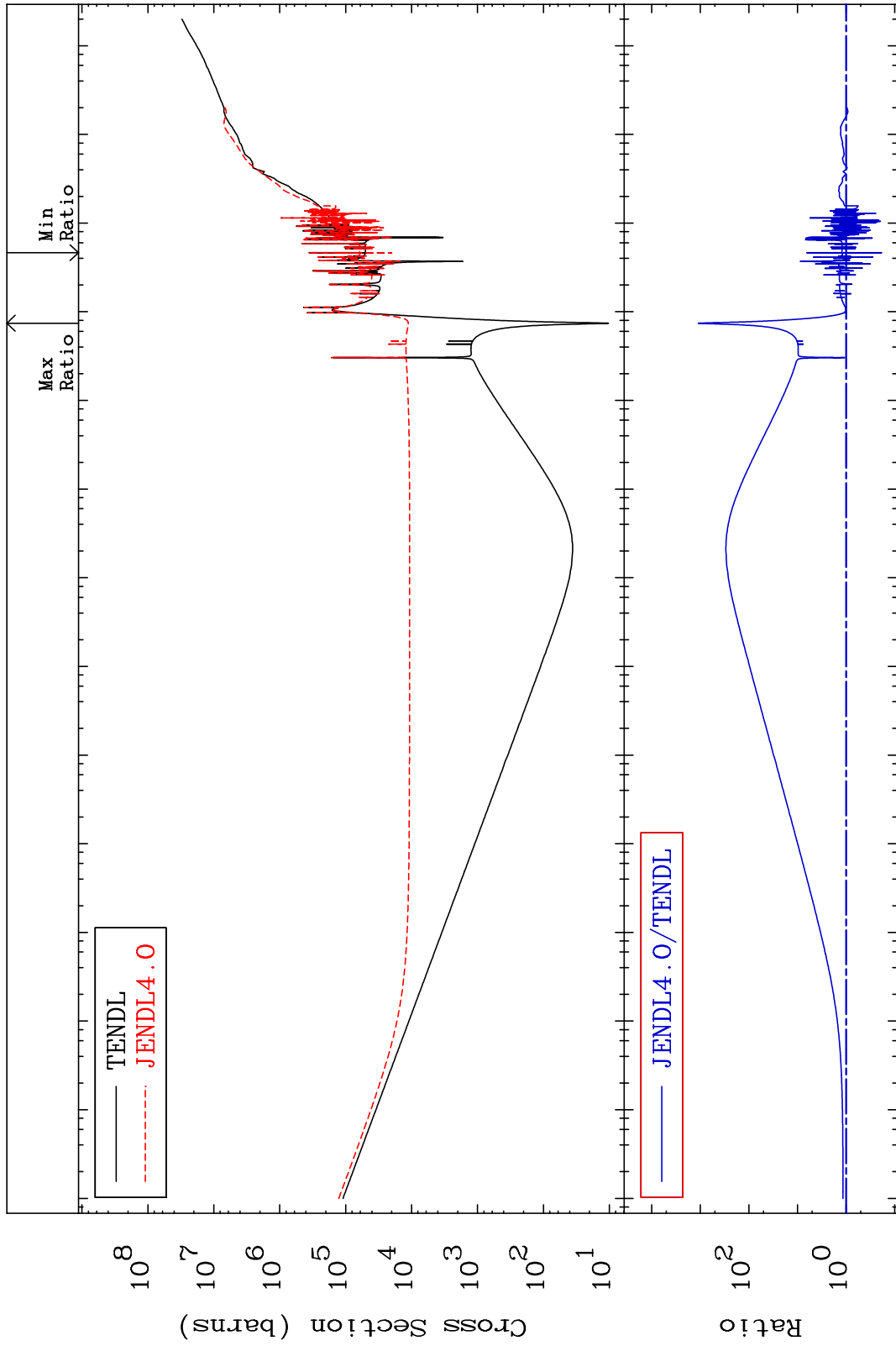
16-S -32

25

MAT 1625

Total kinematic kerma (high limit)
Cross Section

16-S -32
-81.30 To 9999. %



26

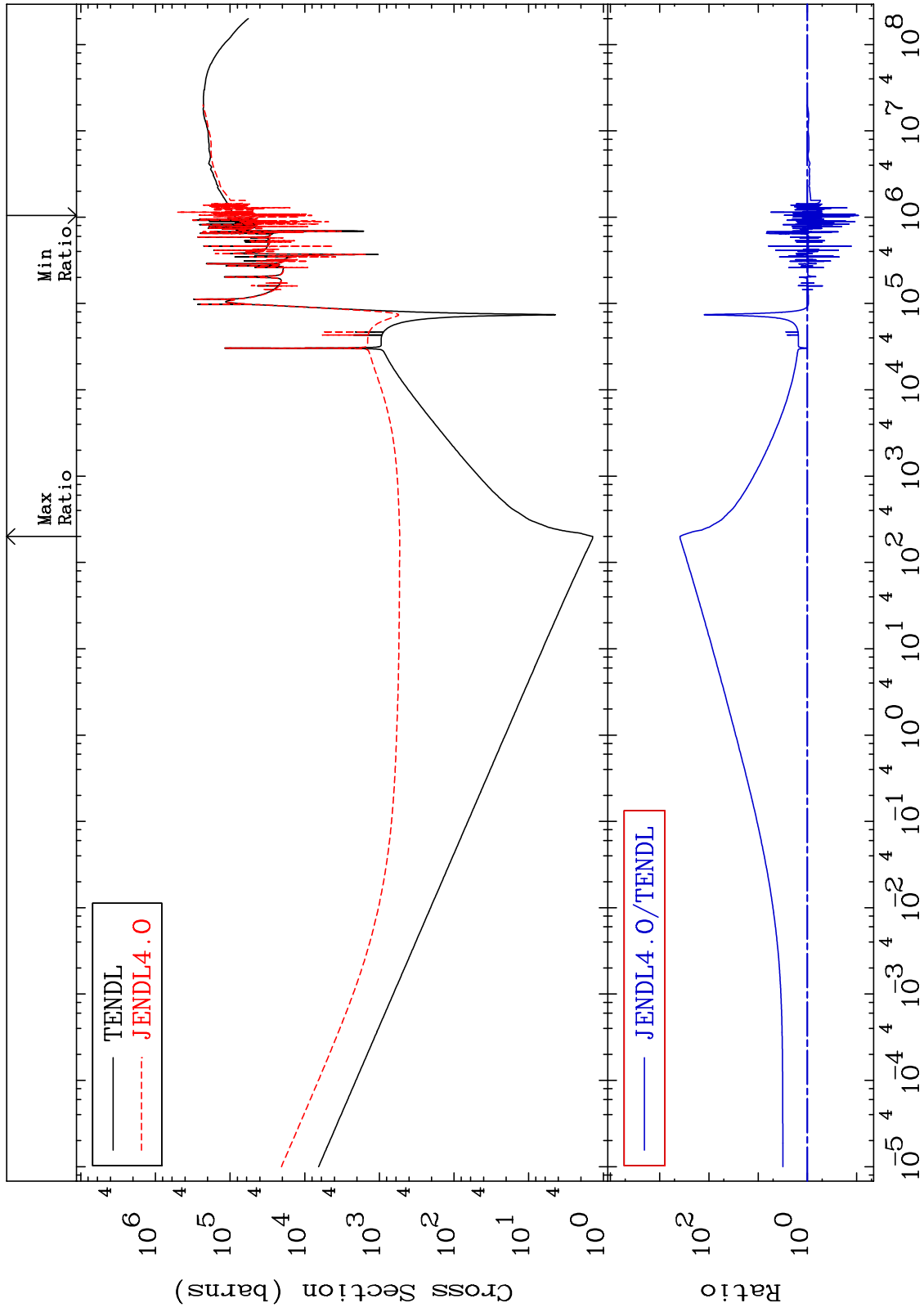
Incident Energy (eV)

16-S -32

MAT 1625

Dpa total (eV-barns)
Cross Section

16-S -32
-90.77 To 9999. %



27

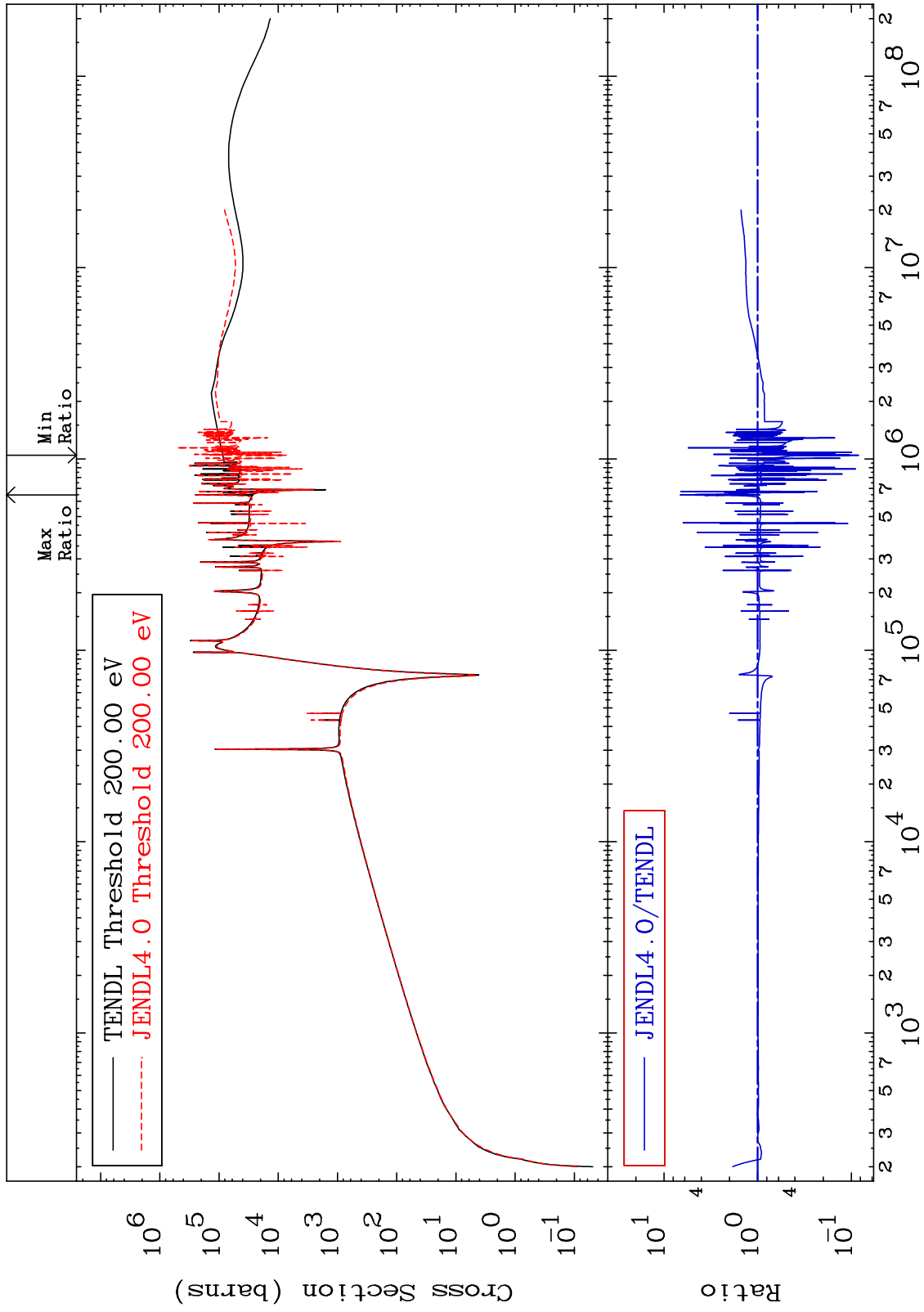
Incident Energy (eV)

16-S -32

MAT 1625

Dpa elastic (mt2)
Cross Section

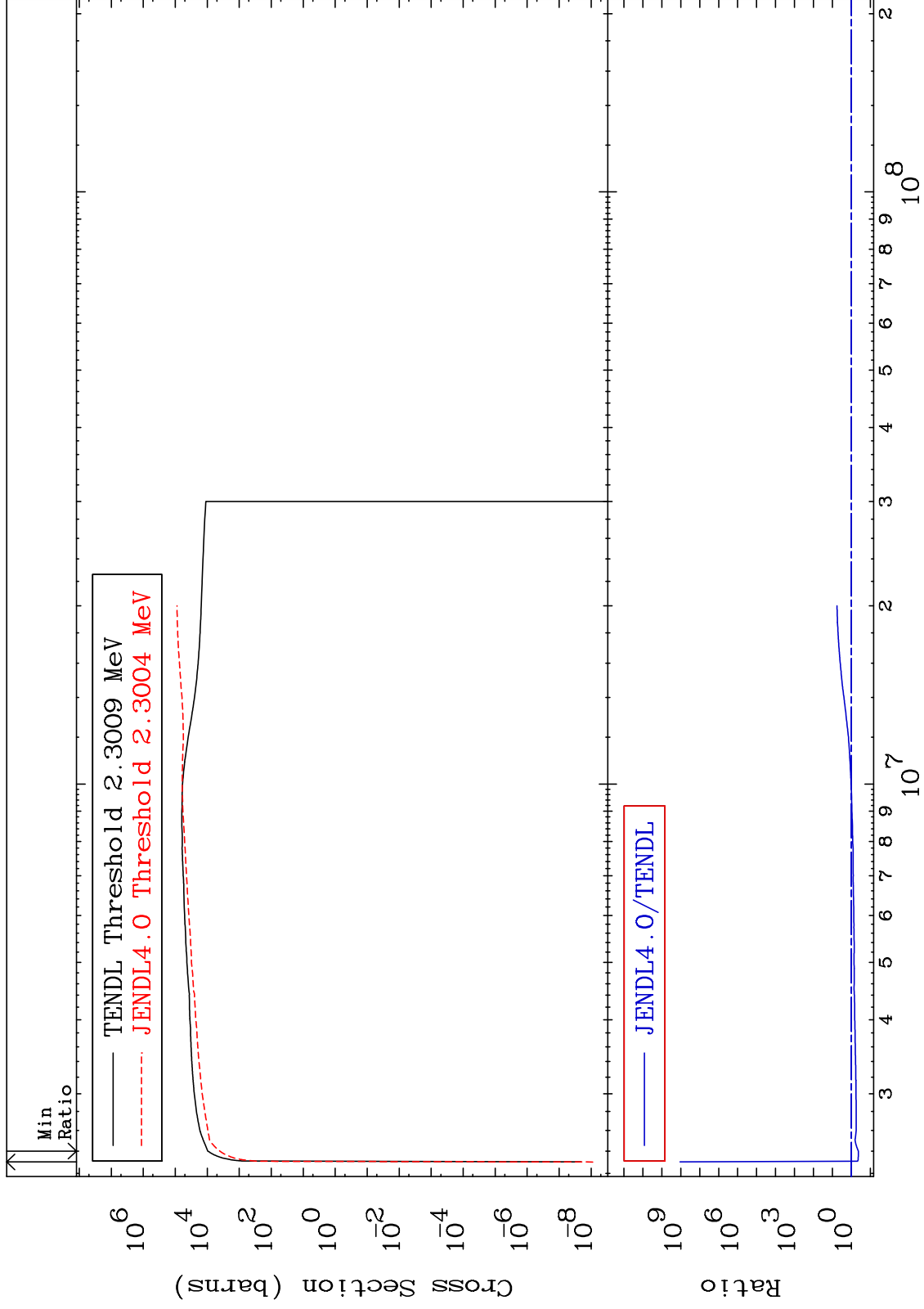
16-S -32
-91.60 To 575.0 %



MAT 1625

Dpa inelastic (mt51-91)
Cross Section

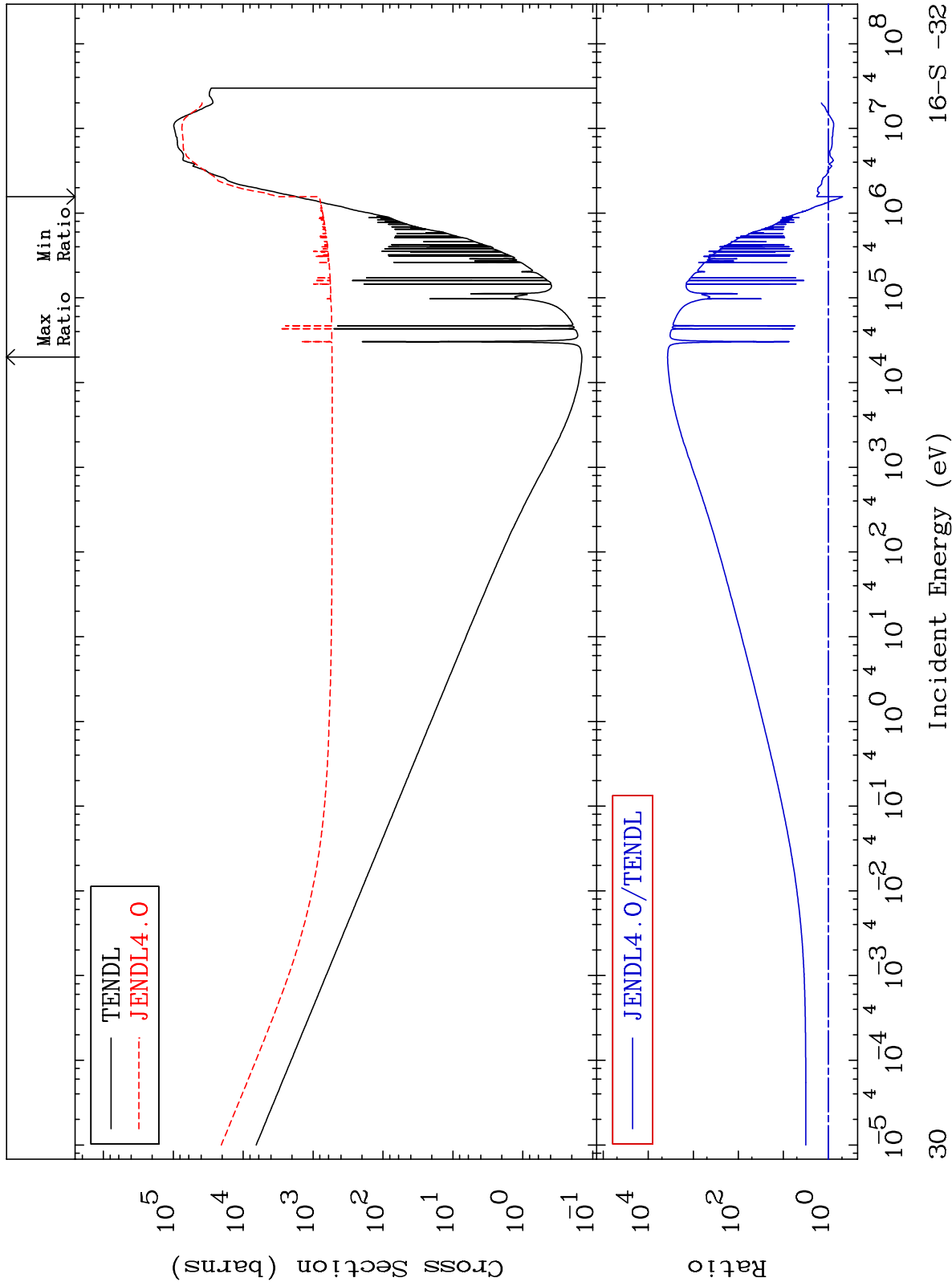
16-S -32
-57.84 To 9999. %



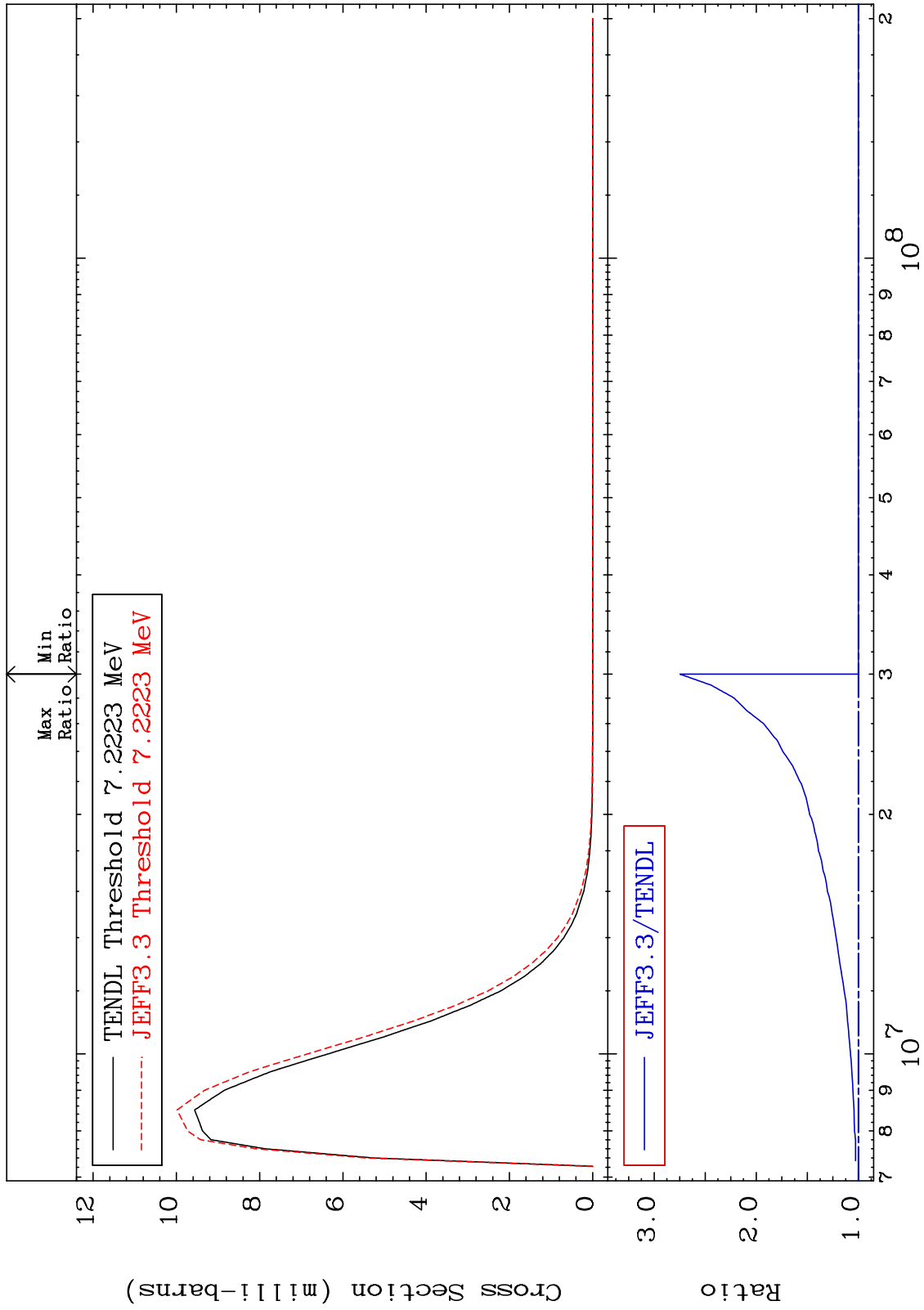
MAT 1625

Dpa disappearance (mt102 -120)
Cross Section

16-S -32
-51.94 To 9999. %



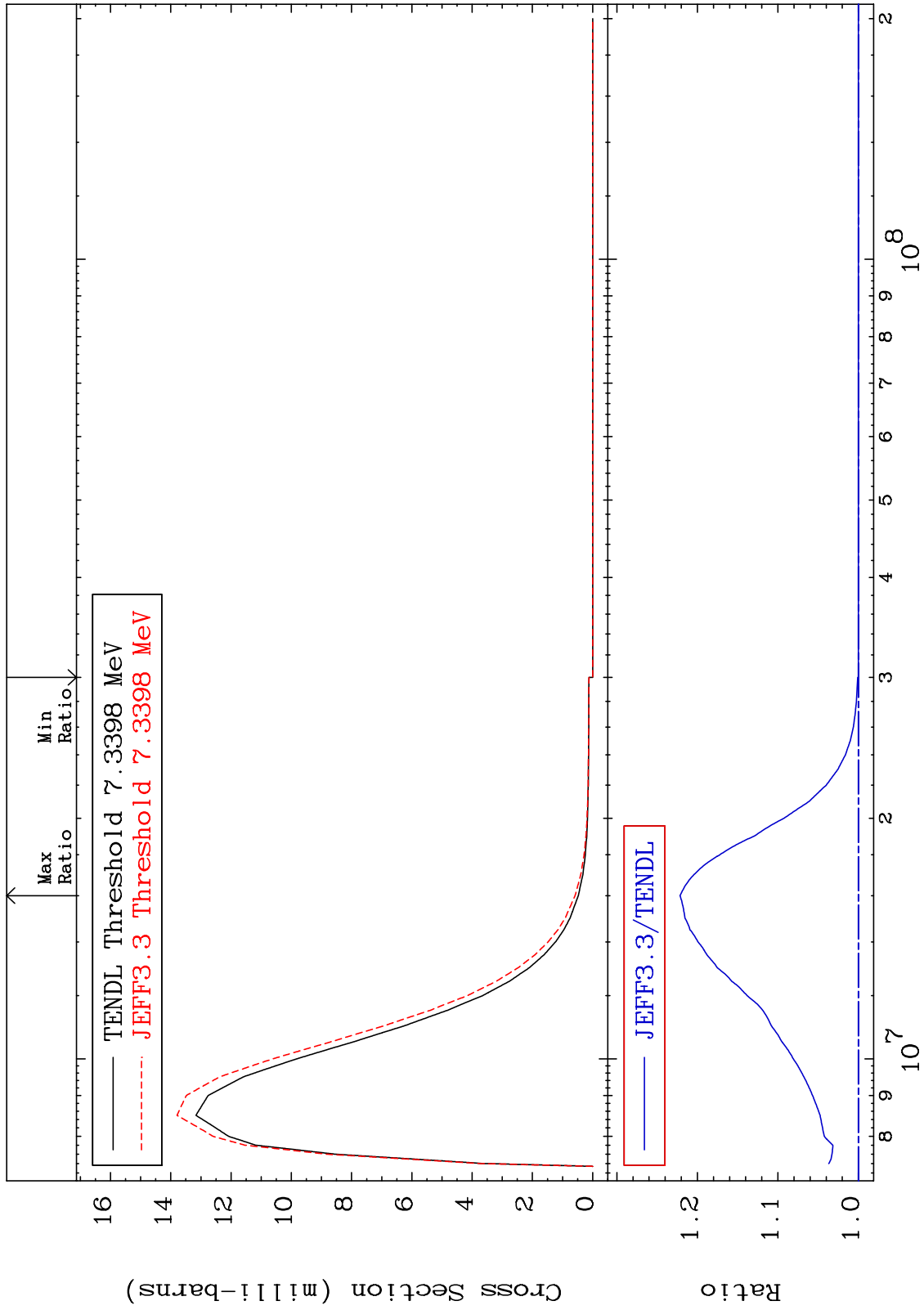
MAT 1625 MT= 67 (n,n') Level Cross Section 0.000 To 174.7 % 16-S -32



MAT 1625

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

16-S -32
0.000 To 22.15 %

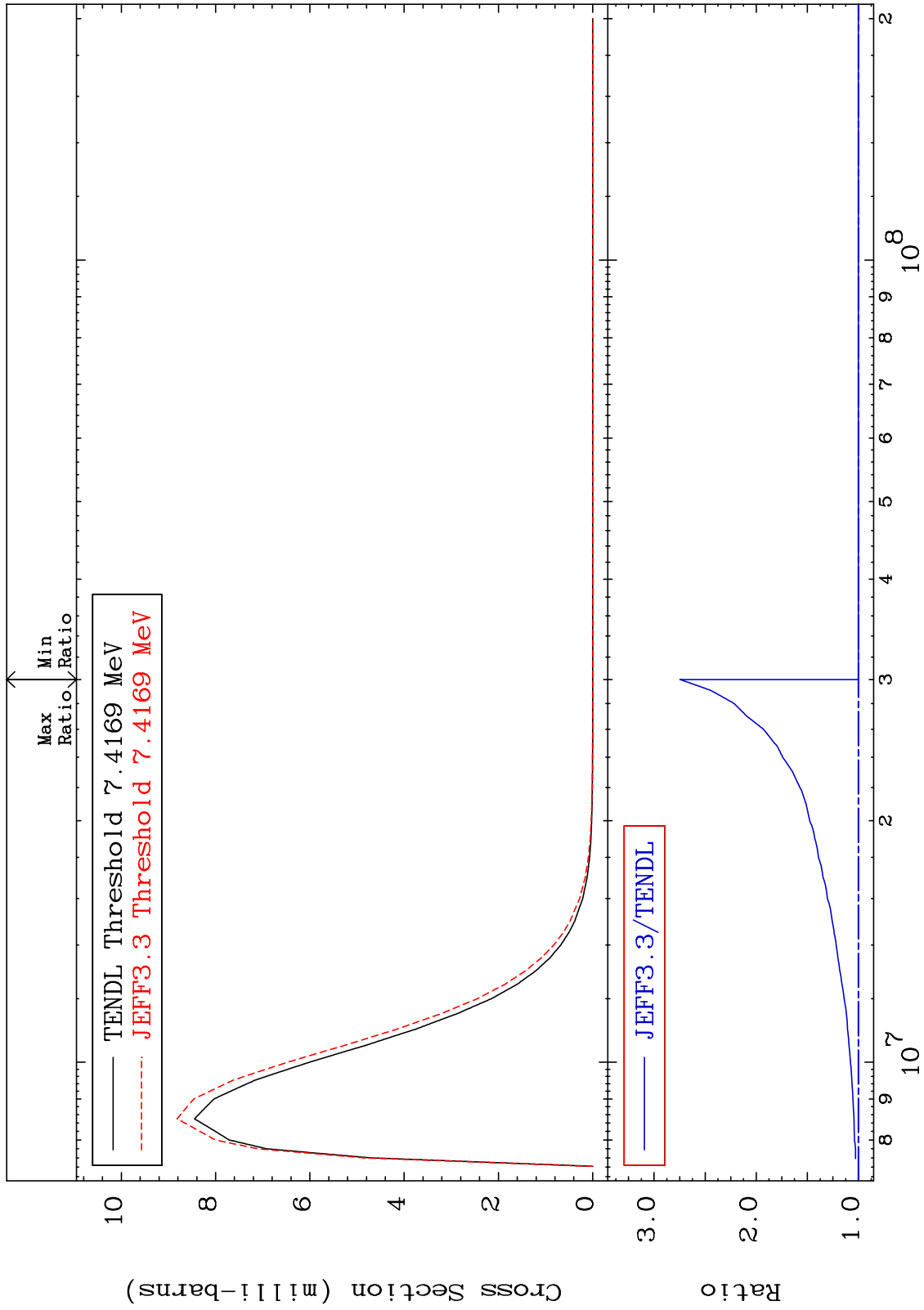


32

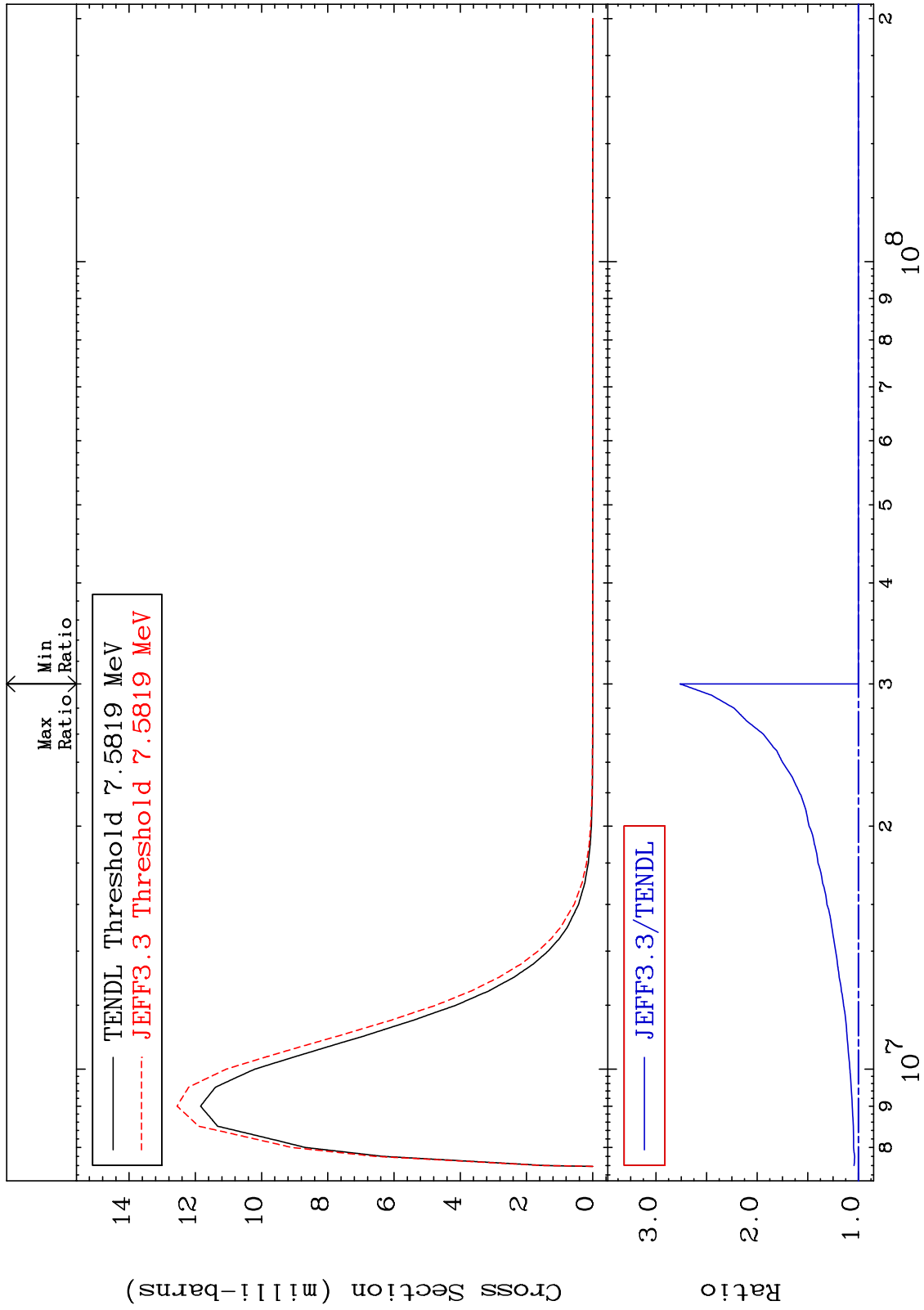
Incident Energy (eV)

16-S -32

MAT 1625 MT= 69 (n,n') Level Cross Section 16-S -32 To 174.6 %



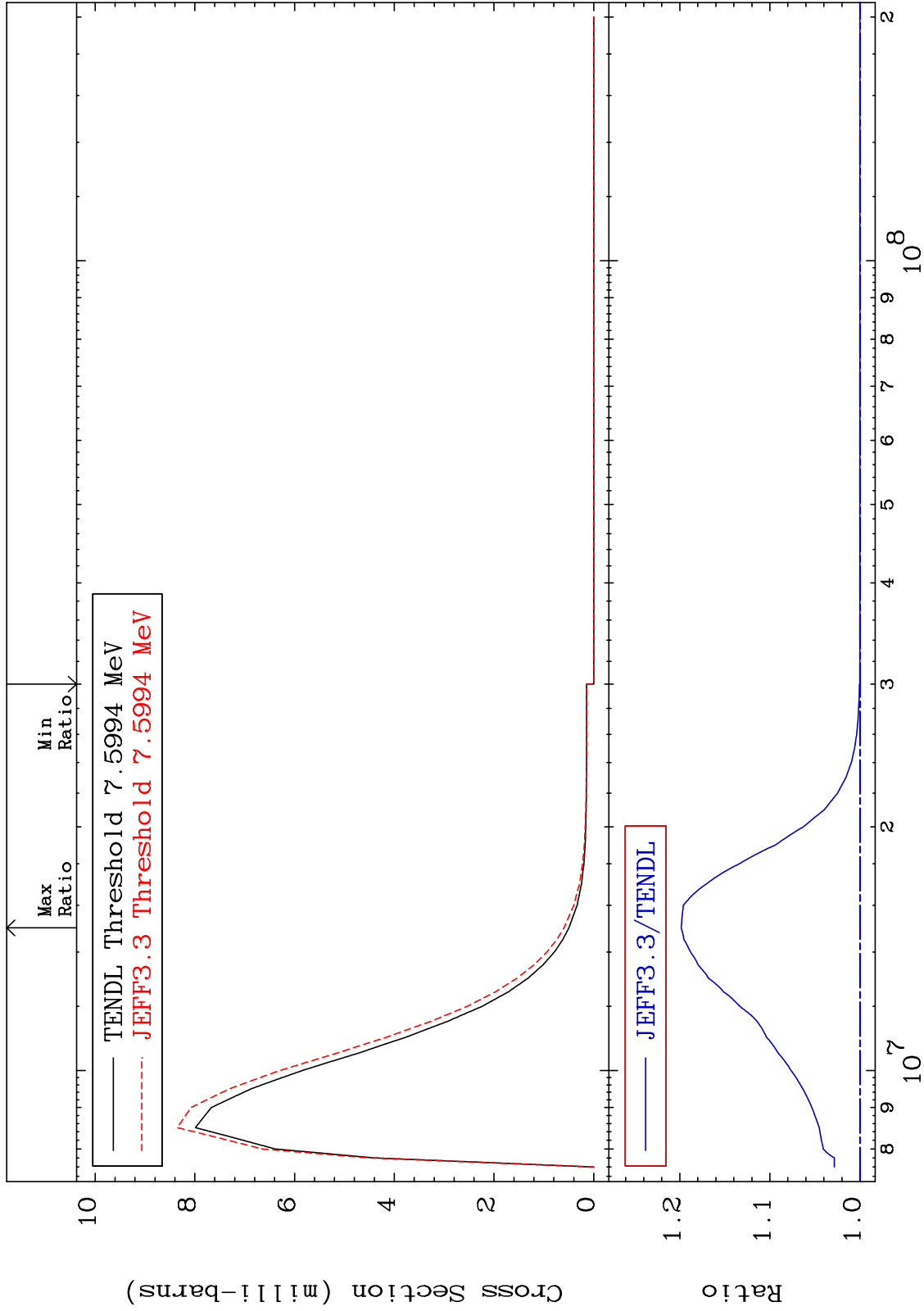
MAT 1625 MT= 70 (n,n') Level Cross Section 16-S -32 To 176.2 %



MAT 1625

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

0.000 To 19.84 %
16-S -32

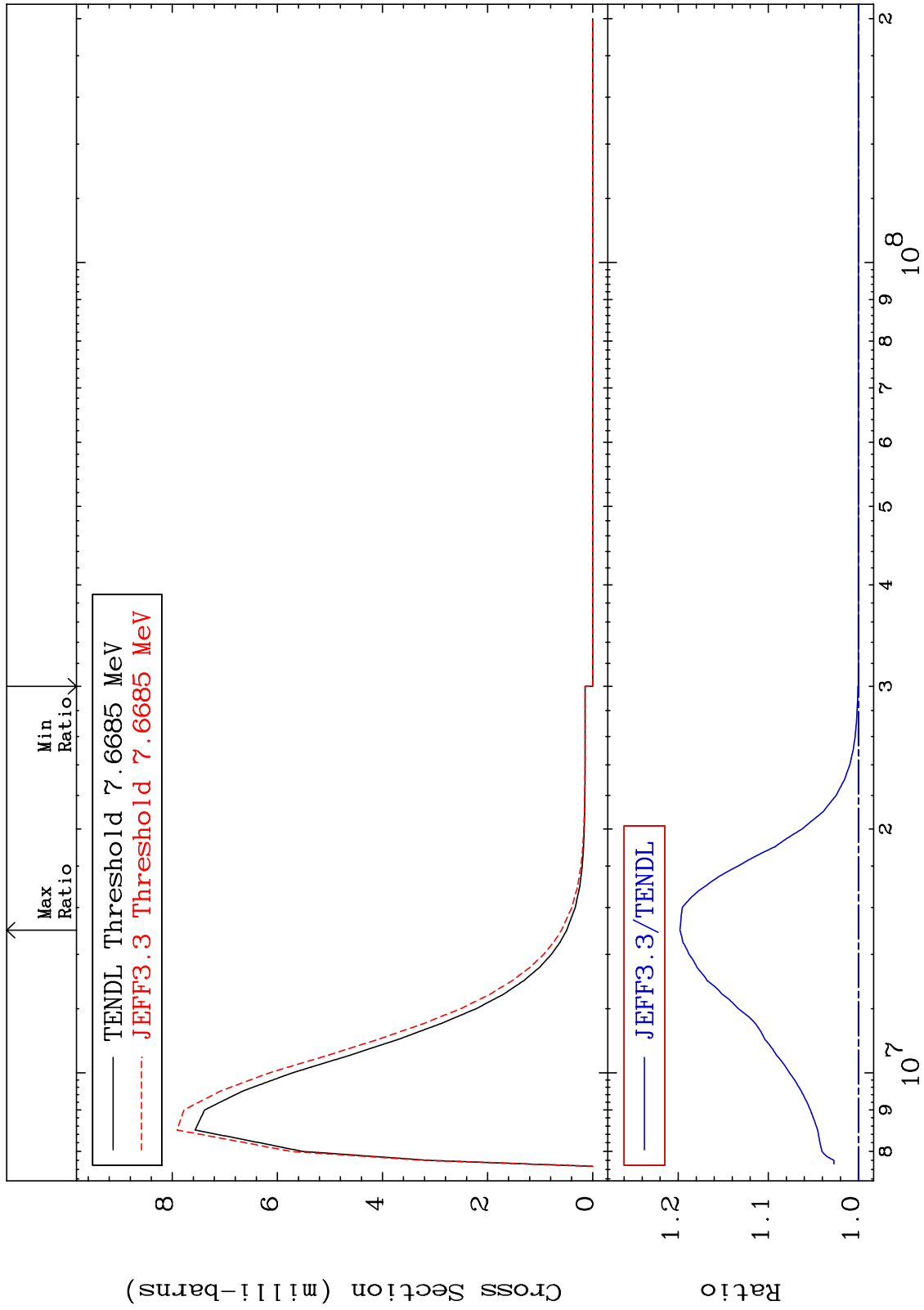


35

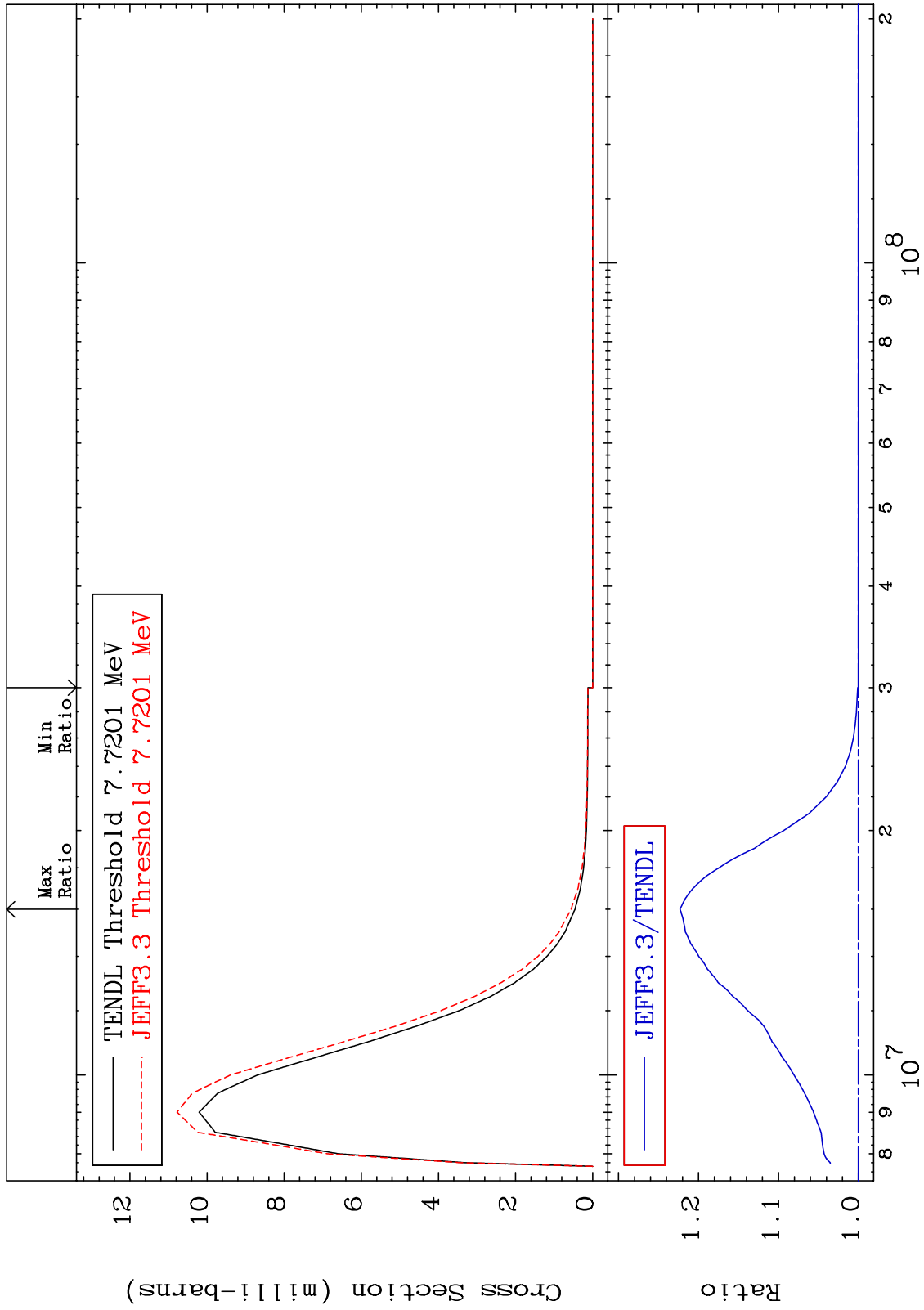
Incident Energy (eV)

16-S -32

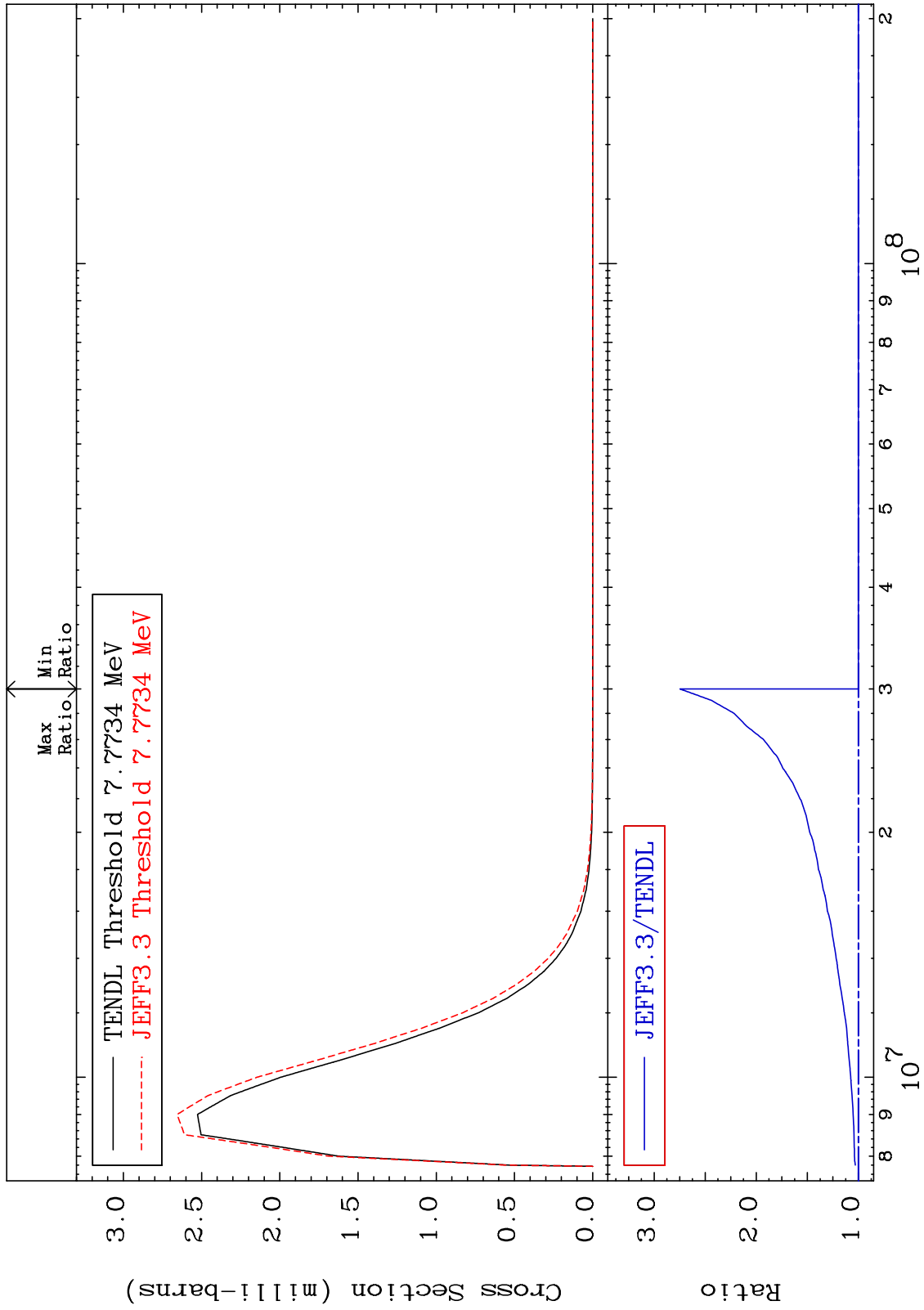
MAT 1625 MT= 72 (n,n') Level Cross Section 16-S -32
0.000 To 19.80 %



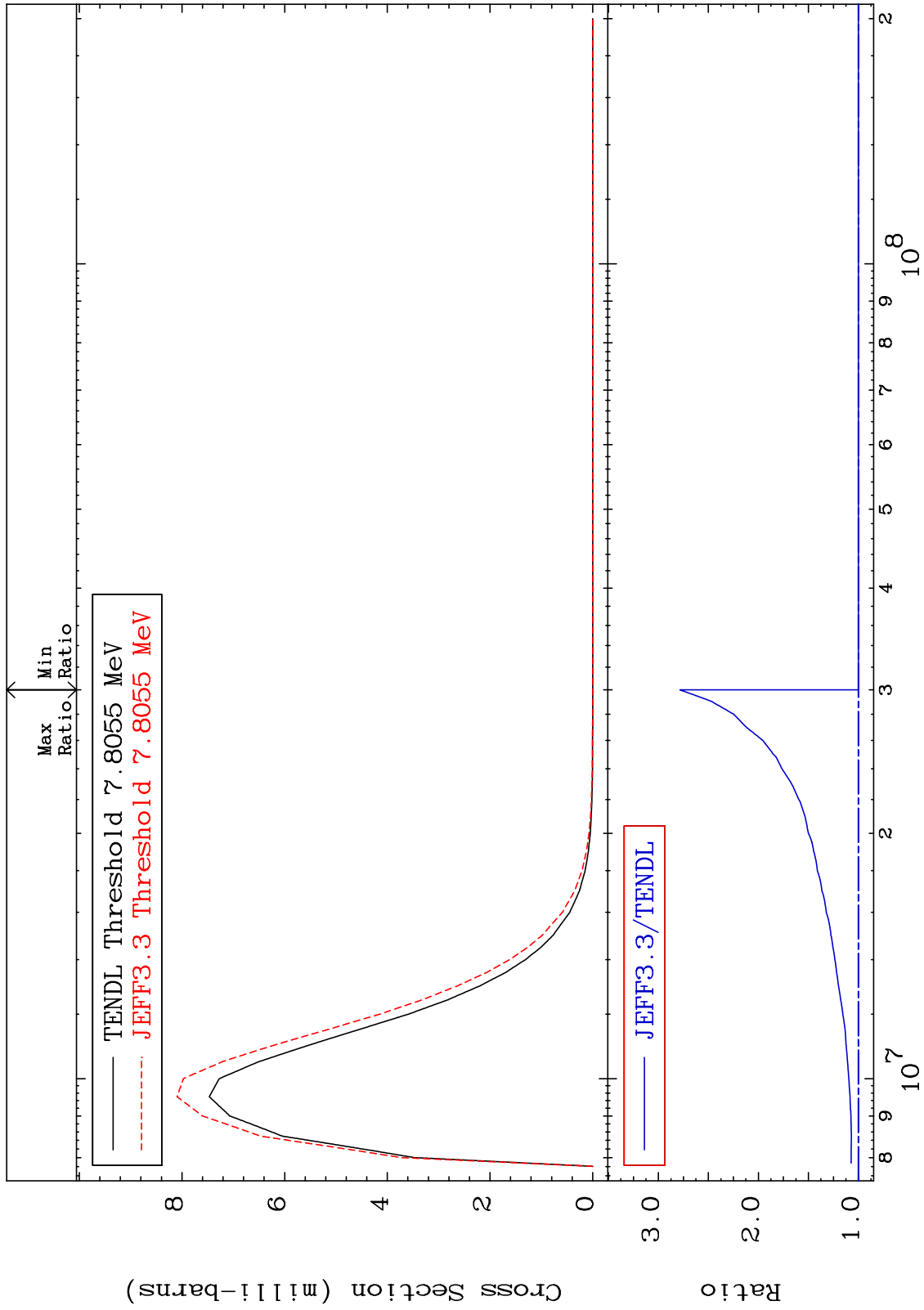
MAT 1625 MT= 73 (n,n') Level Cross Section 16-S -32
 0.000 To 22.31 %



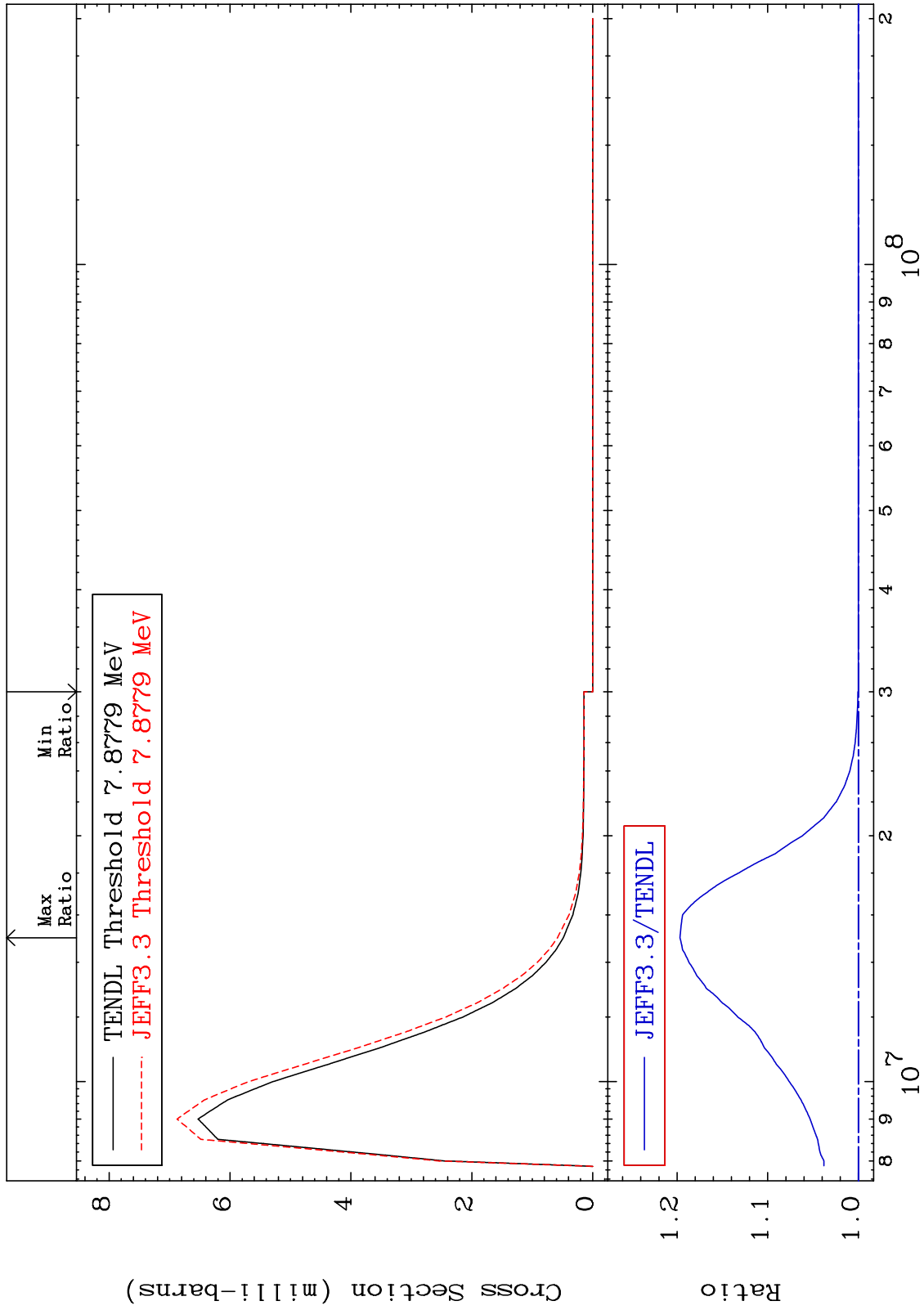
MAT 1625 MT= 74 (n,n') Level Cross Section 16-S -32 To 174.7 %



MAT 1625 MT= 75 (n,n') Level Cross Section 16-S -32 To 178.4 %

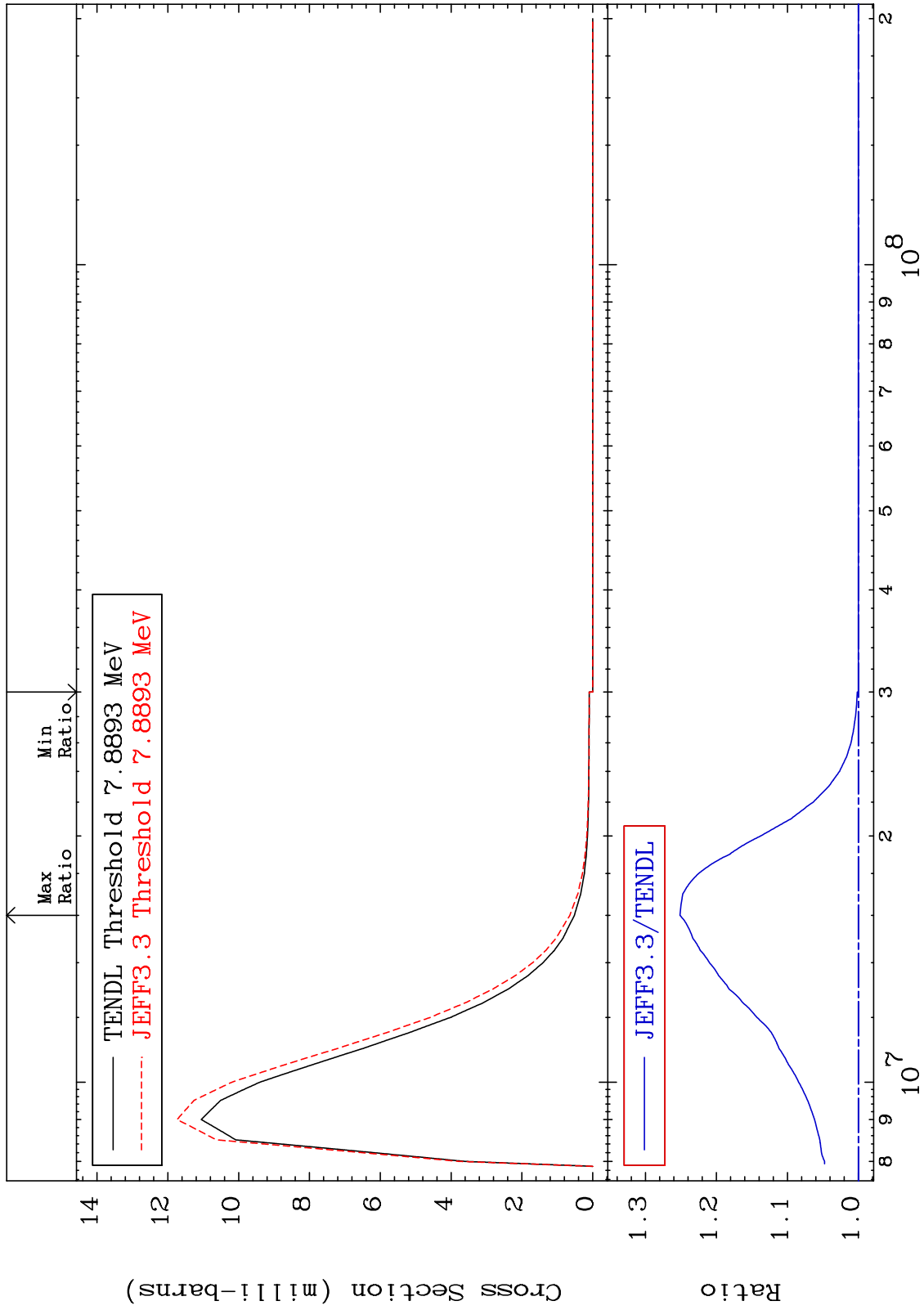


MAT 1625 MT= 76 (n,n') Level Cross Section 16-S -32
0.000 To 19.67 %

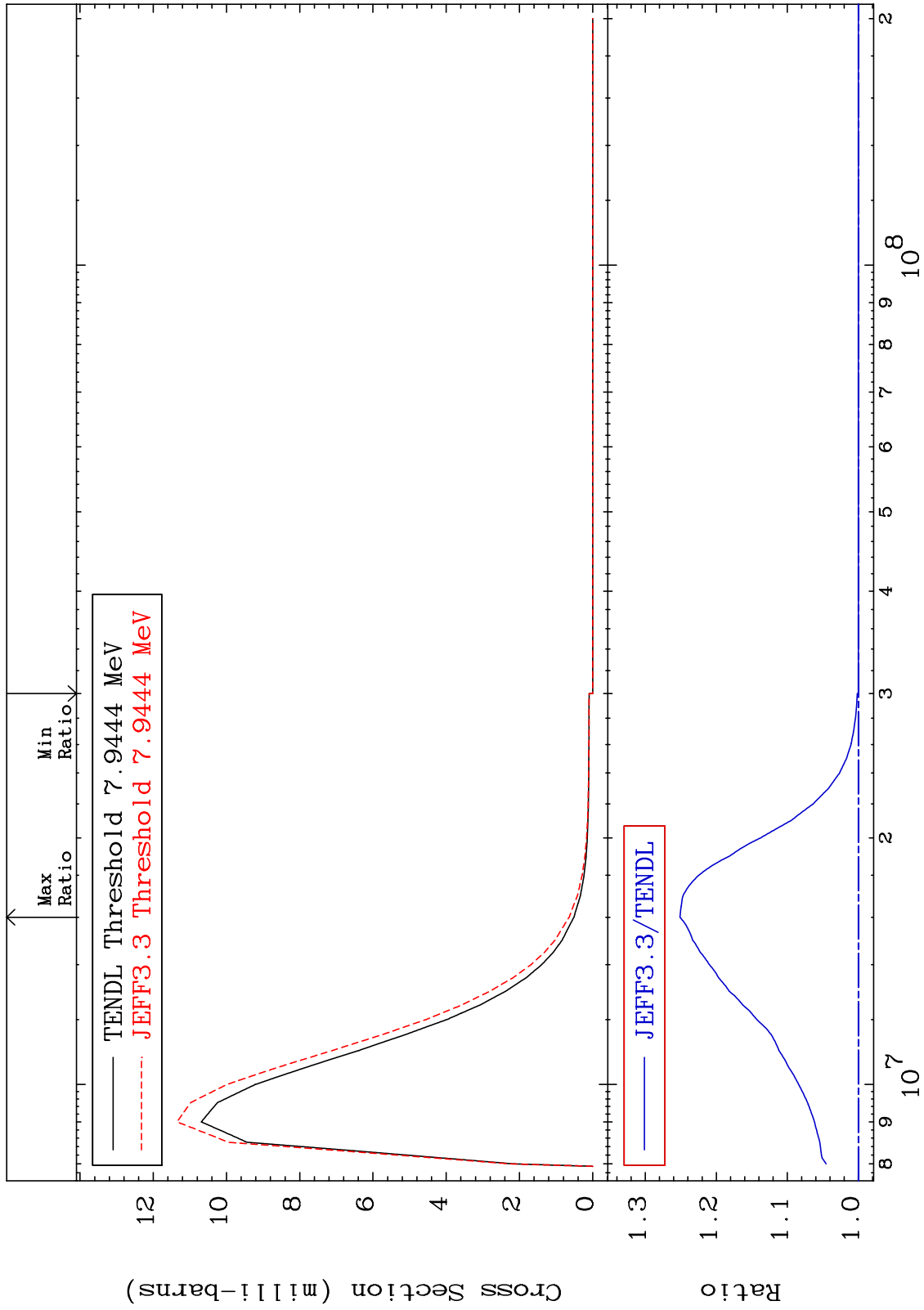


40 Incident Energy (eV) 16-S -32

MAT 1625 MT= 77 (n,n') Level Cross Section 16-S -32
 0.000 To 25.13 %



MAT 1625 MT= 78 (n,n') Level Cross Section 16-S -32 To 25.11 %

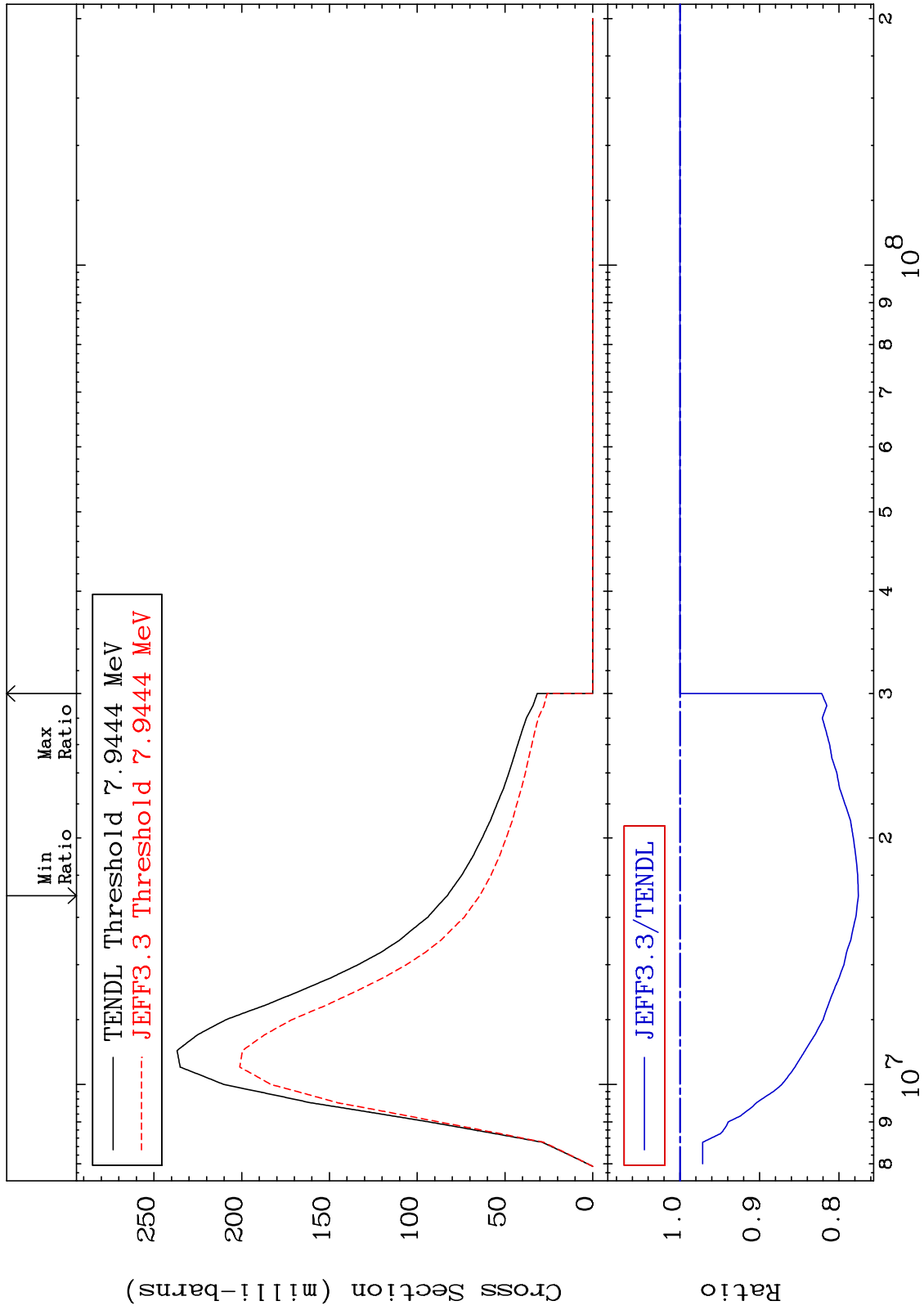


42 16-S -32

MAT 1625

(n, n') Continuum
Cross Section

16-S -32
-22.44 To 0.000 %



43

Incident Energy (eV)

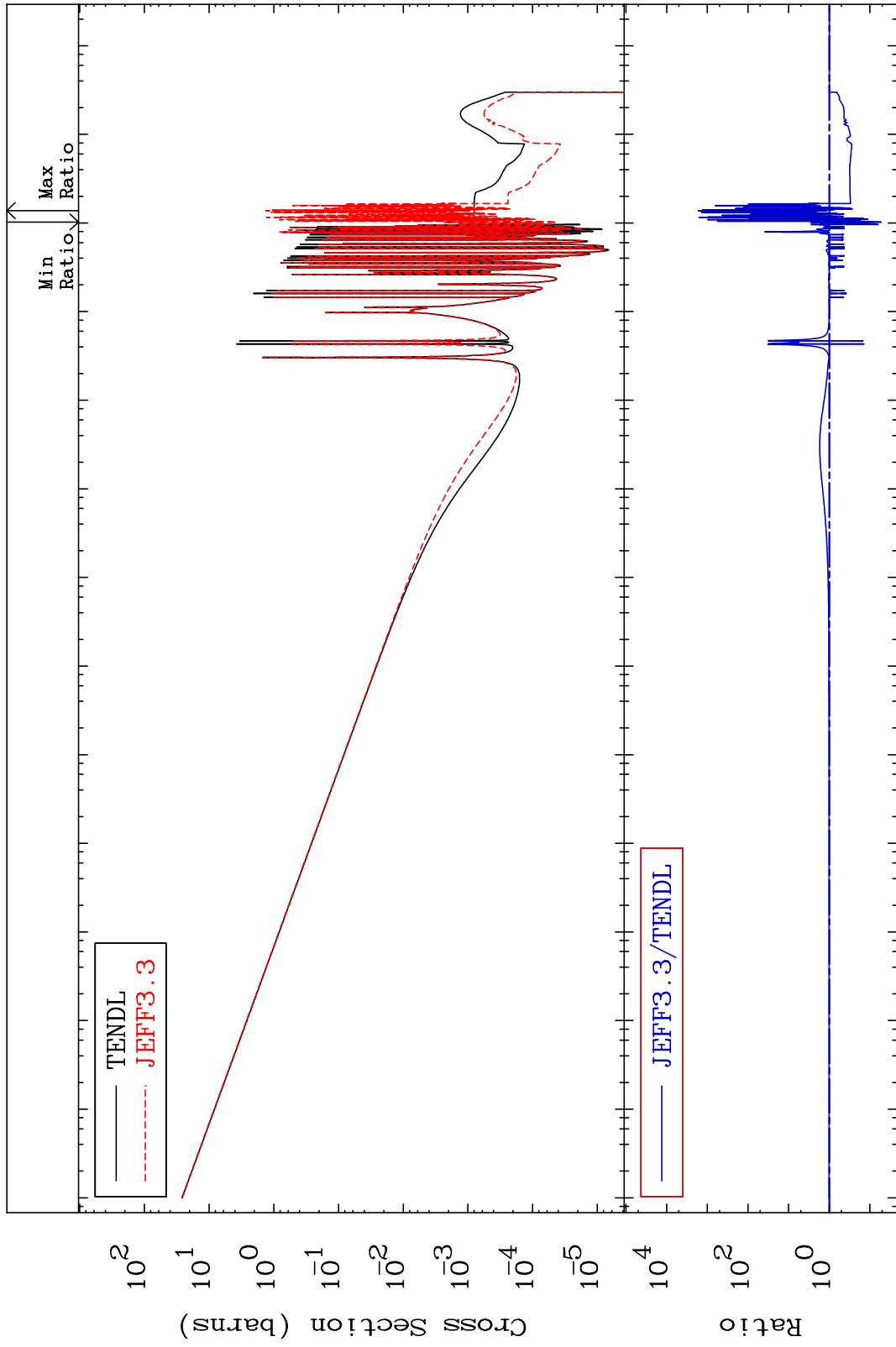
16-S -32

MAT 1625

(n, γ)

Cross Section

16-S -32
-94.83 To 9999. %



44

Incident Energy (eV)

16-S -32

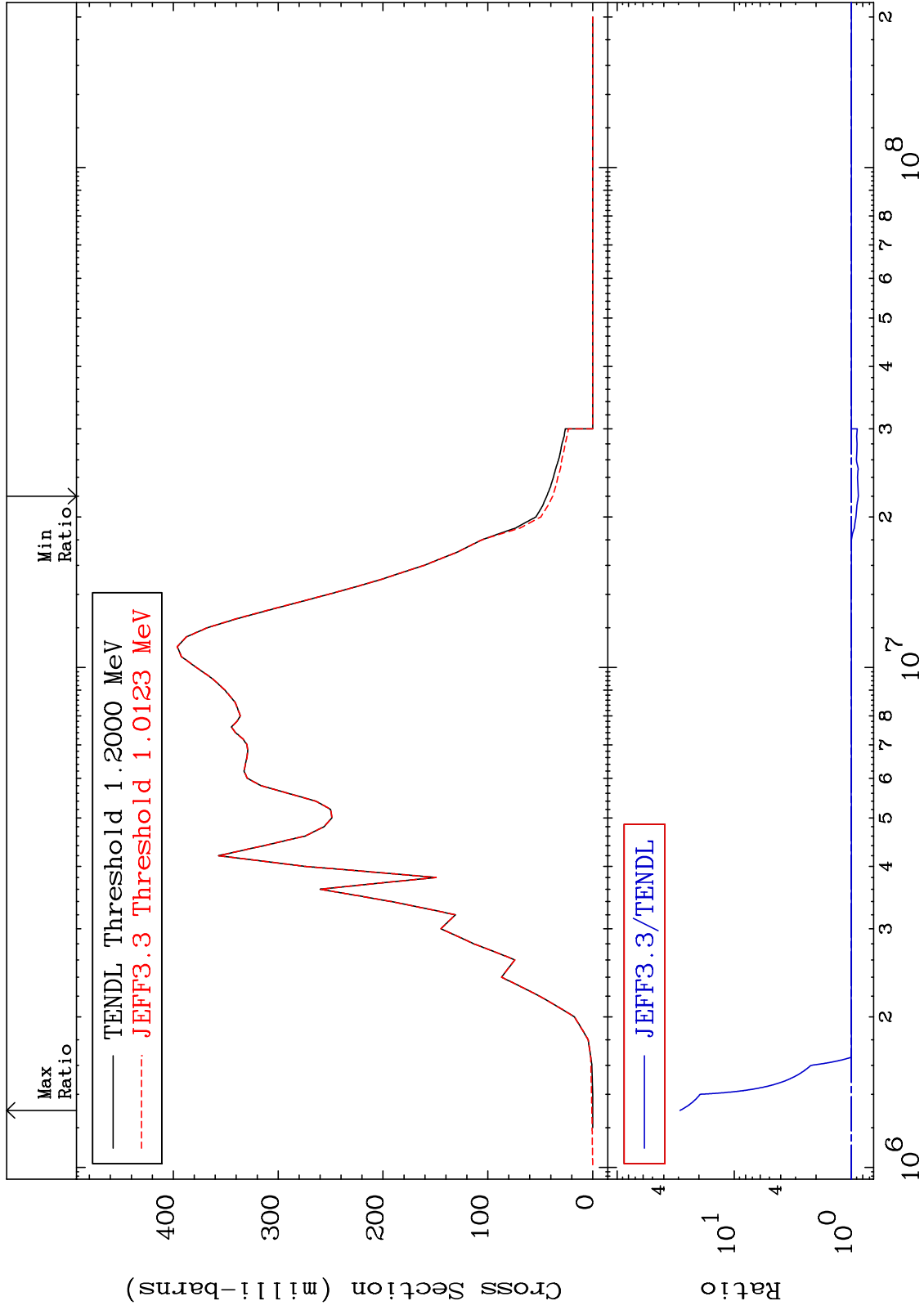
MAT 1625

(n,p)

16-S -32

Cross Section

-13.04 To 2803. %



16-S -32

45

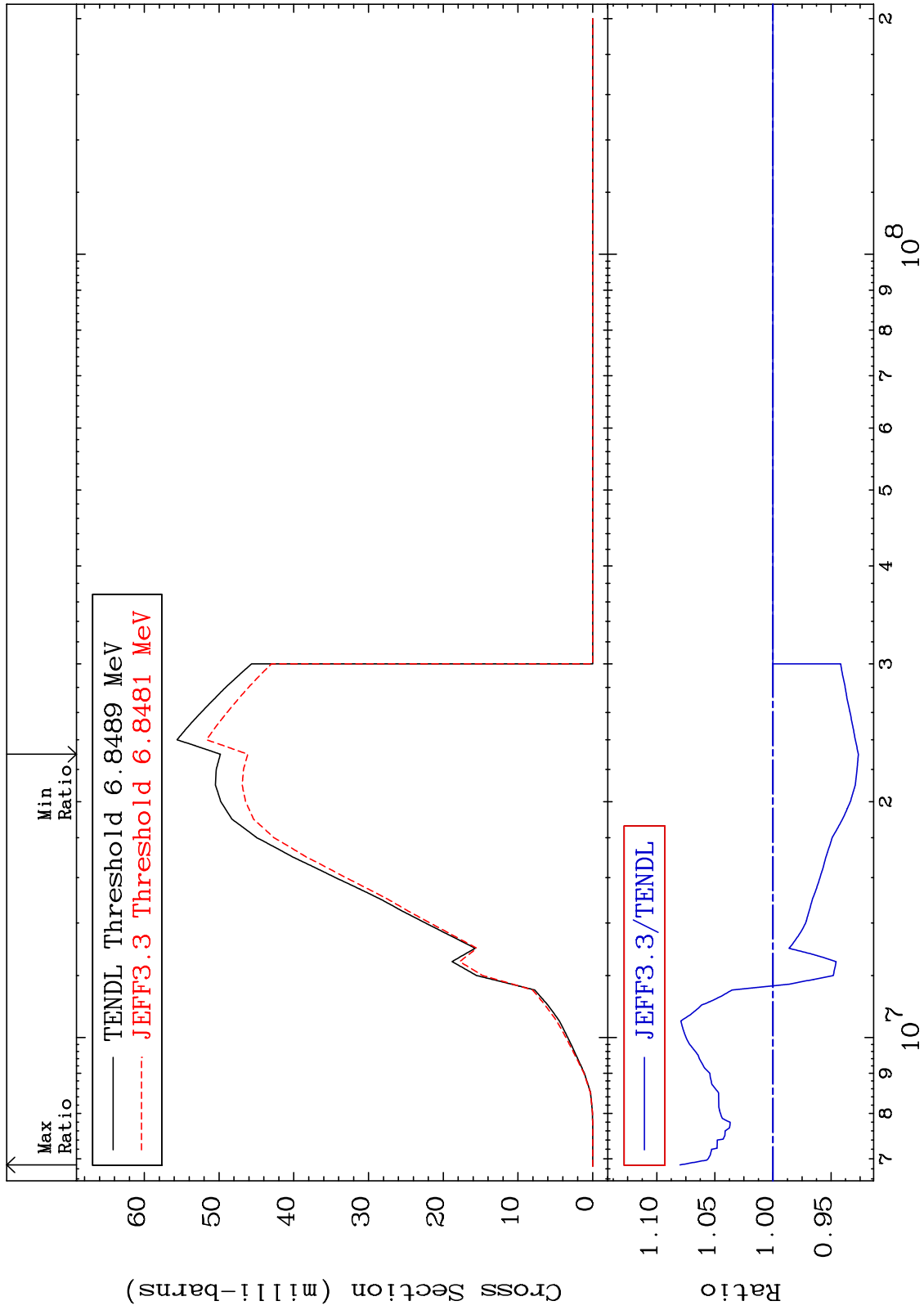
MAT 1625

(n, d)

16-S -32

Cross Section

-7.354 To 7.998 %



46

Incident Energy (eV)

16-S -32

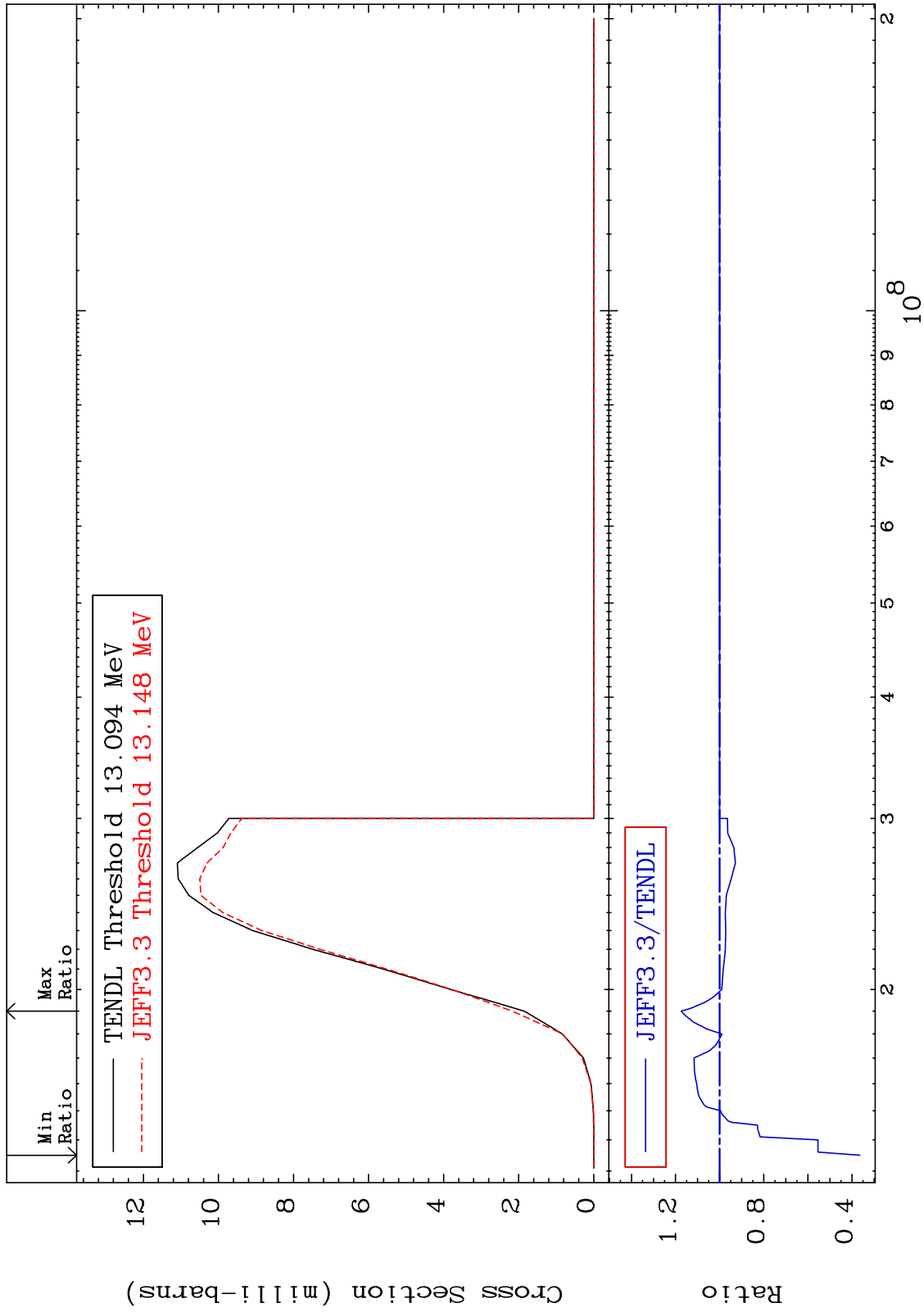
MAT 1625

(n, t)

16-S -32

Cross Section

-63.58 To 17.44 %



47

Incident Energy (eV)

16-S -32

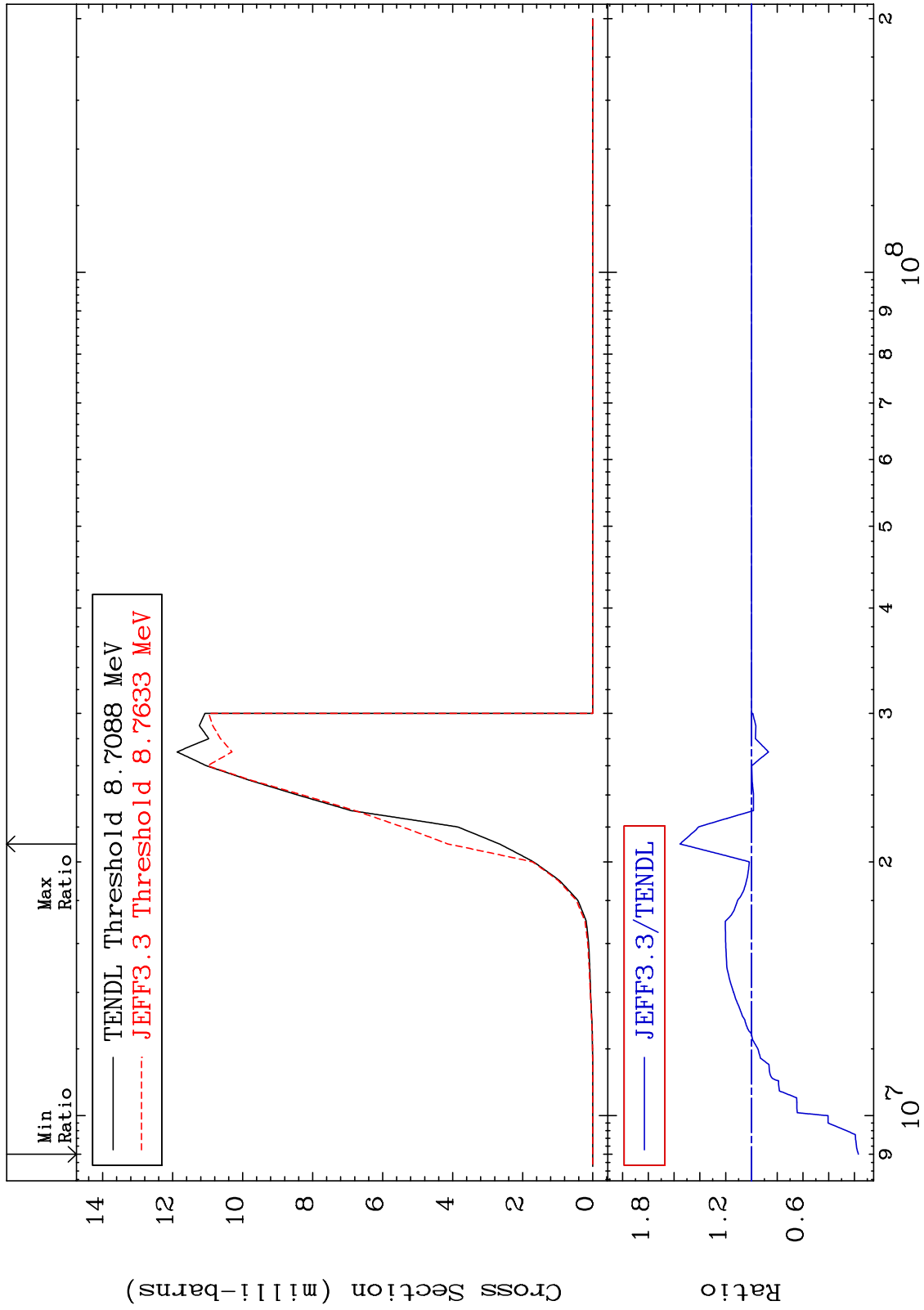
MAT 1625

(n, He-3)

16-S -32

Cross Section

-83.06 To 55.42 %



48

Incident Energy (eV)

16-S -32

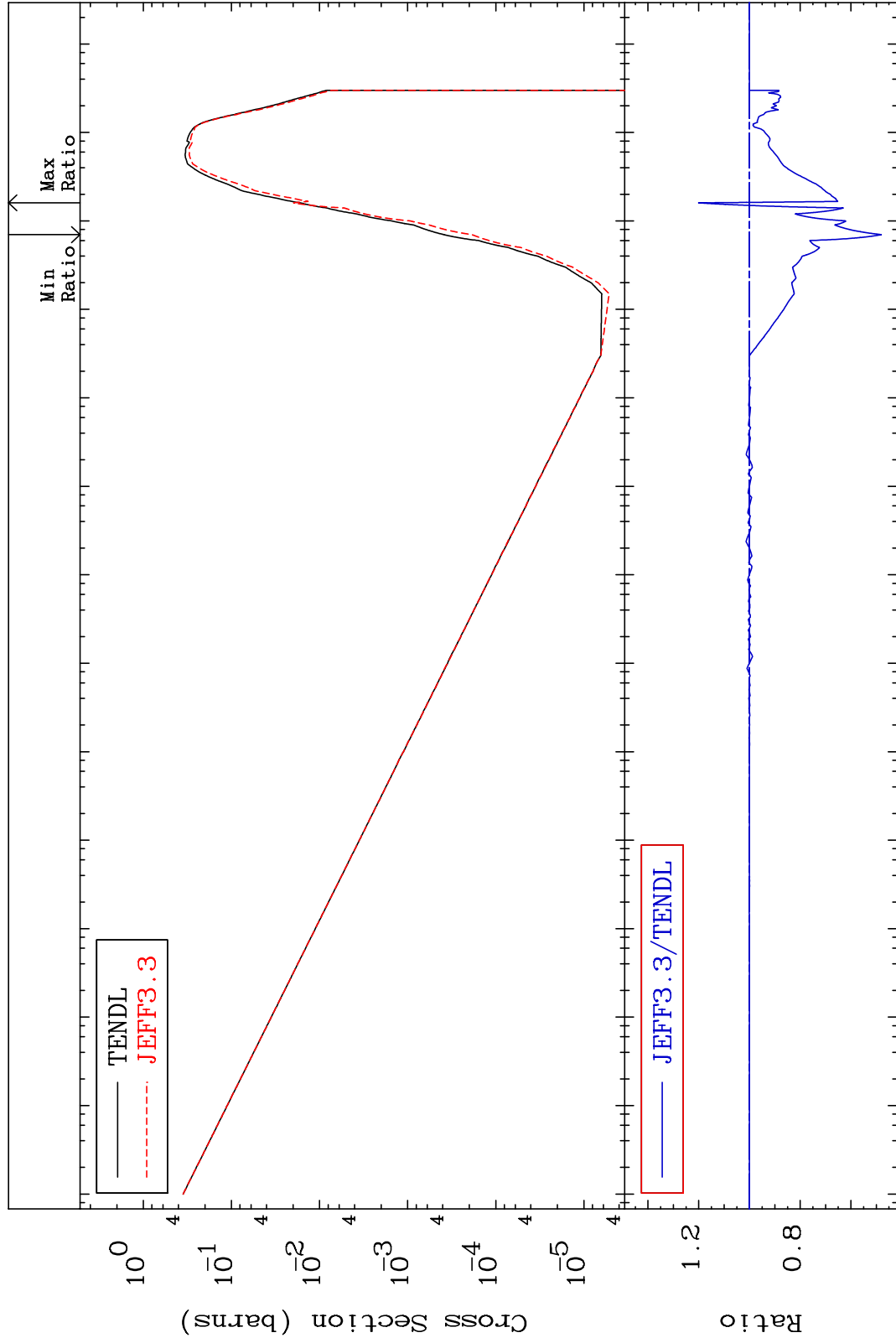
MAT 1625

(n, α)

16-S -32

Cross Section

-52.08 To 20.01 %



49

Incident Energy (eV)

16-S -32

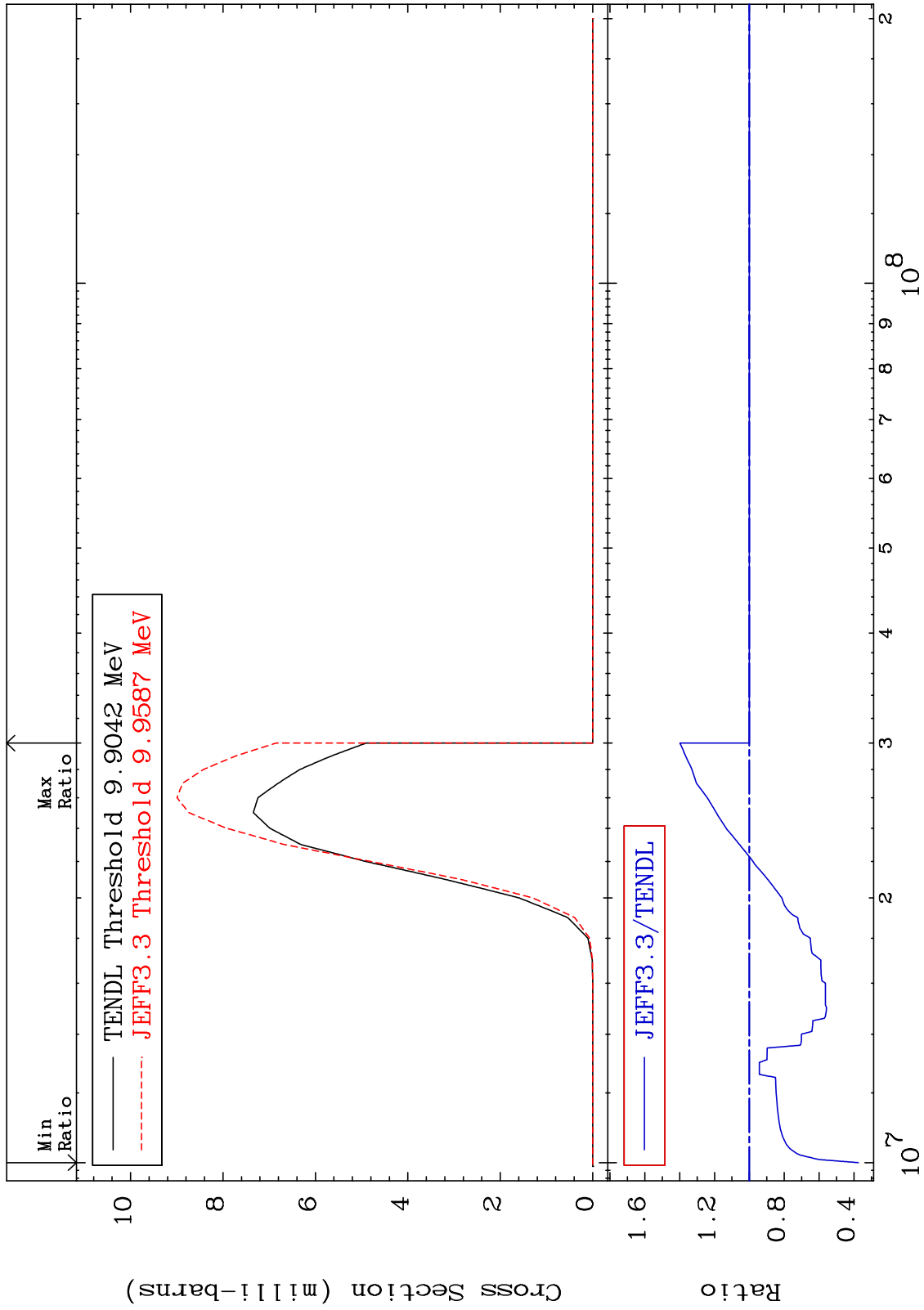
MAT 1625

(n,2α)

16-S -32

Cross Section

-62.52 To 39.79 %



16-S -32

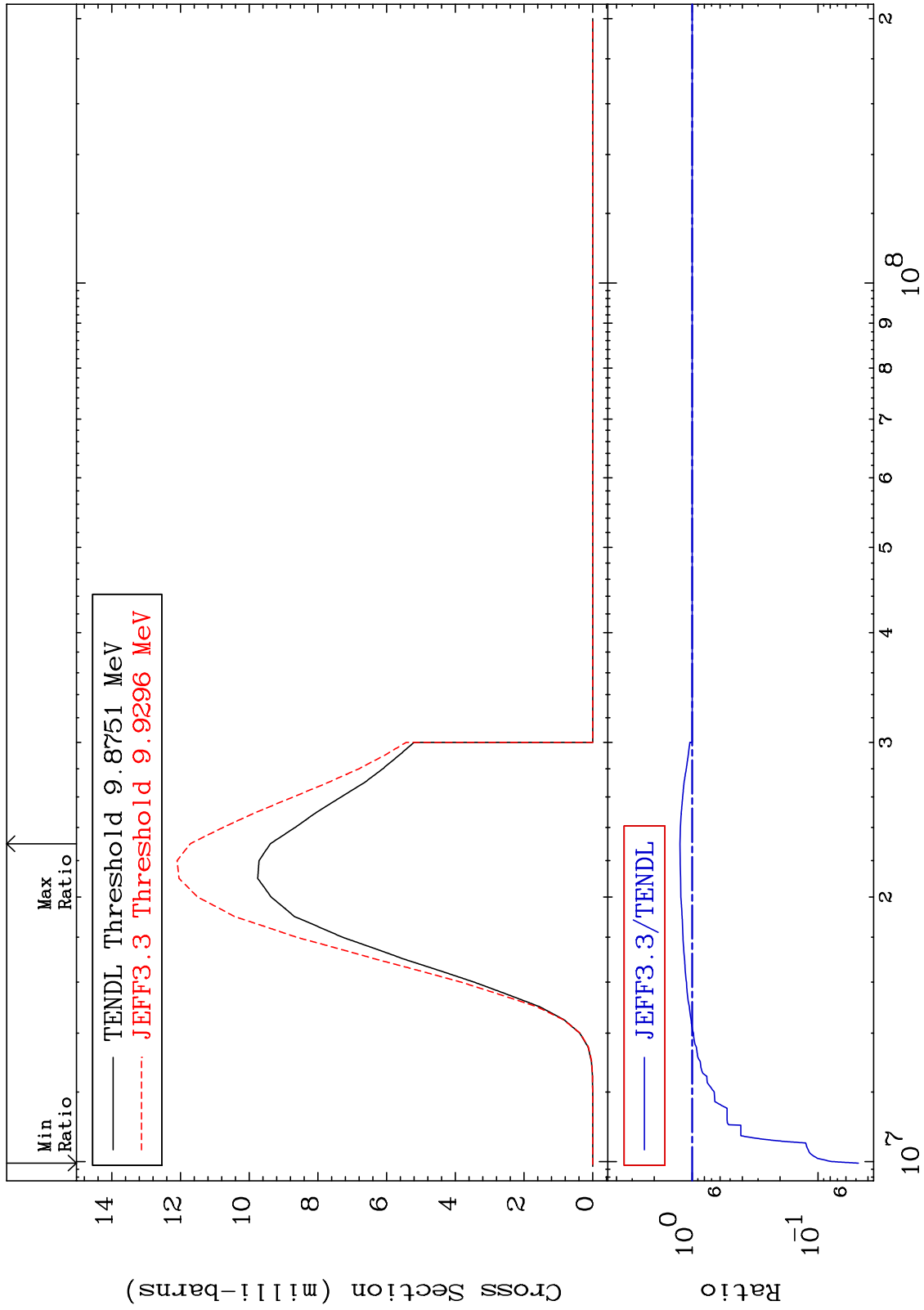
MAT 1625

(n,2p)

16-S -32

Cross Section

-95.23 To 24.86 %

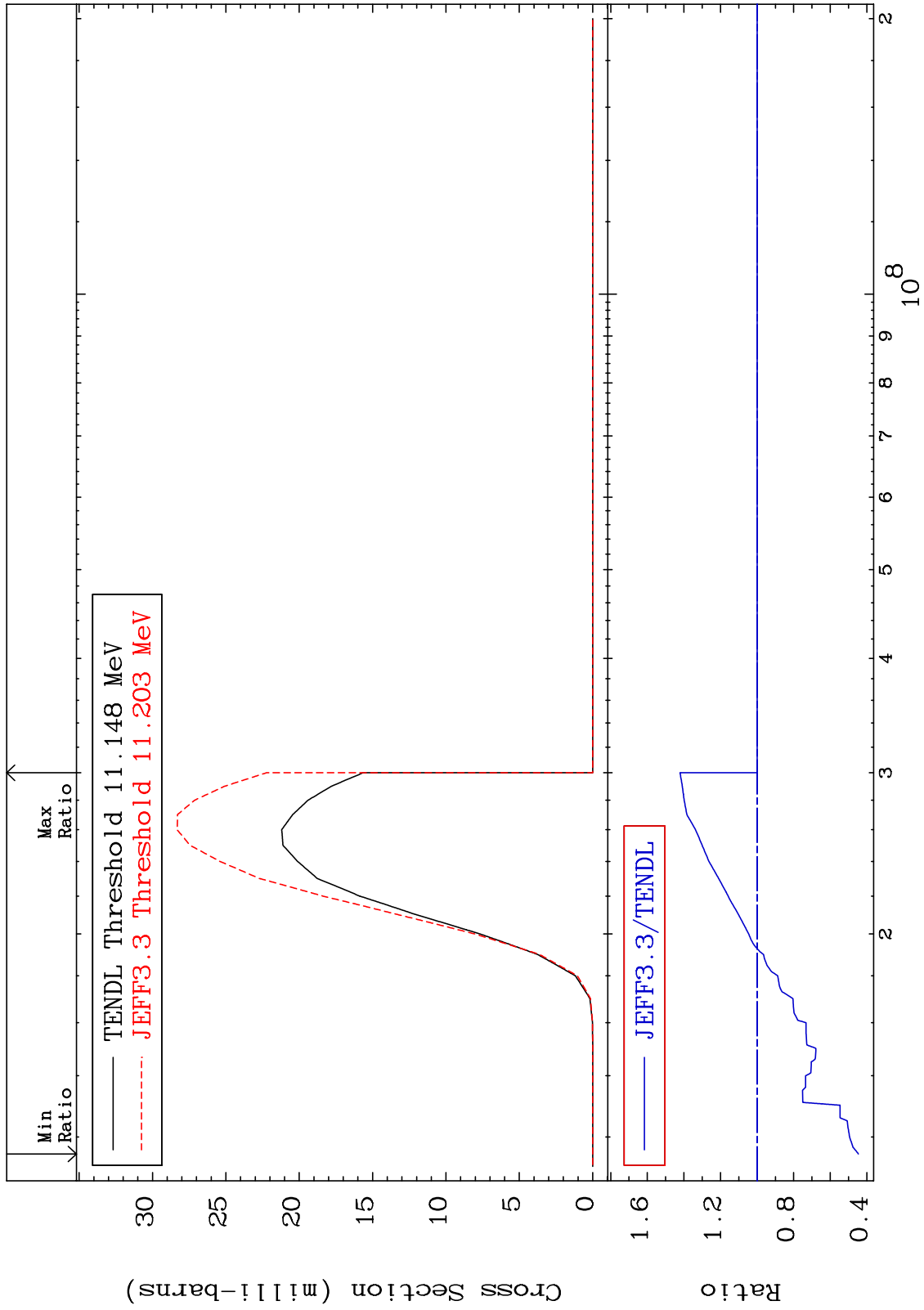


51

Incident Energy (eV)

16-S -32

MAT 1625 (n,p) α Cross Section 16-S -32
 -55.38 To 42.12 %



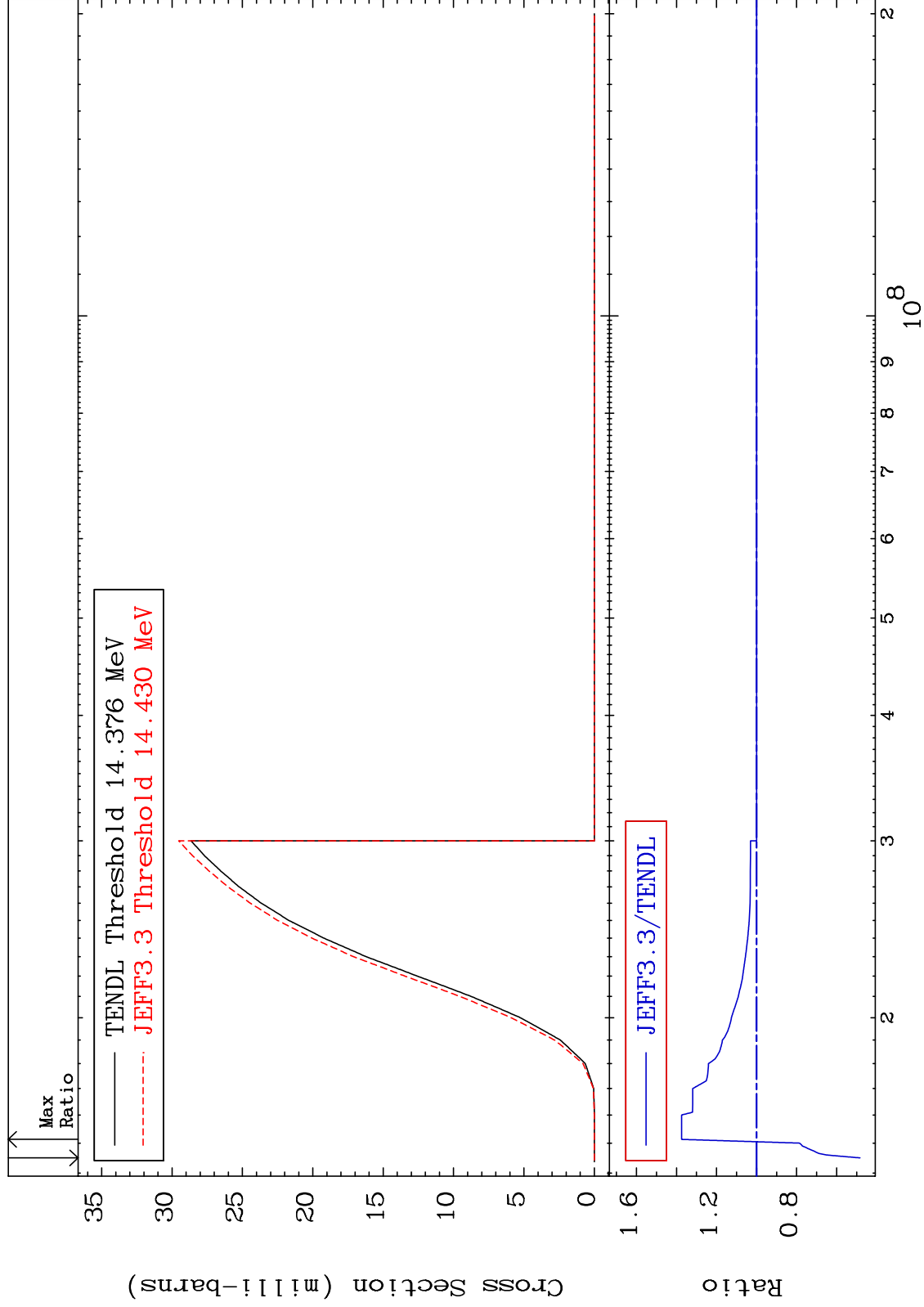
MAT 1625

(n,p) d

16-S -32

Cross Section

-51.71 To 37.43 %



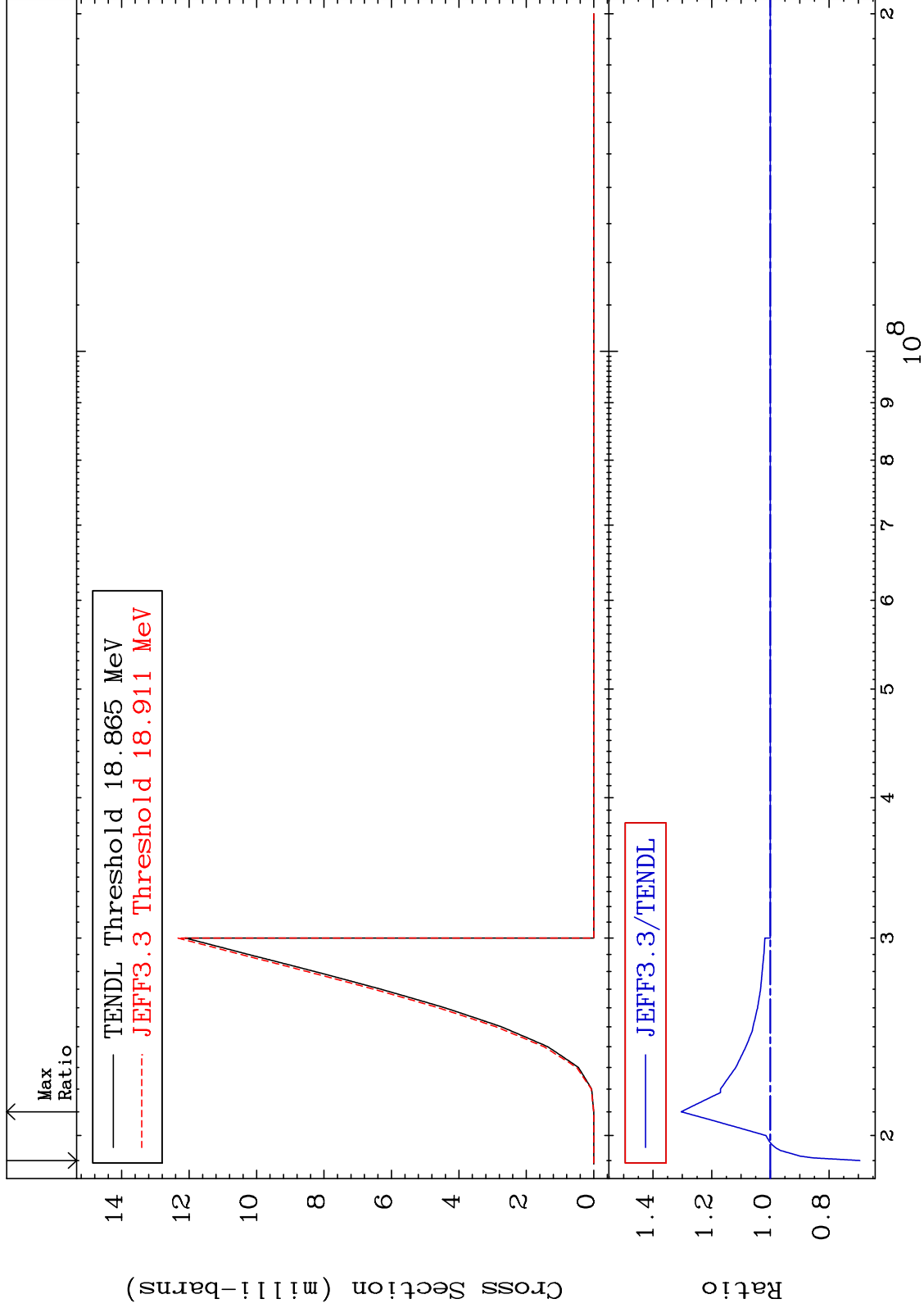
MAT 1625

(n,p) t

16-S -32

Cross Section

-30.52 To 30.38 %



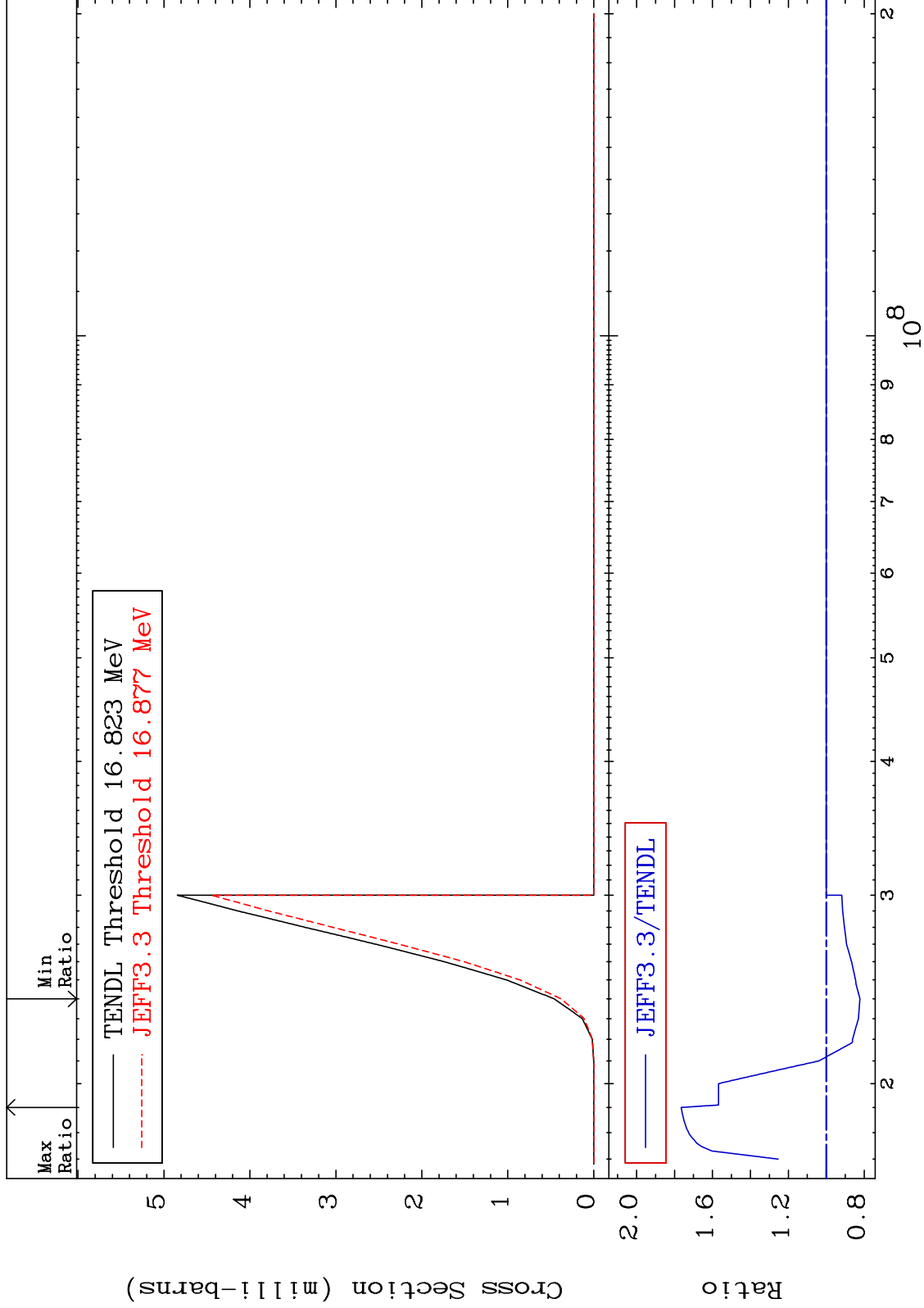
MAT 1625

(n,d) α

16-S -32

Cross Section

-17.72 To 76.46 %



55

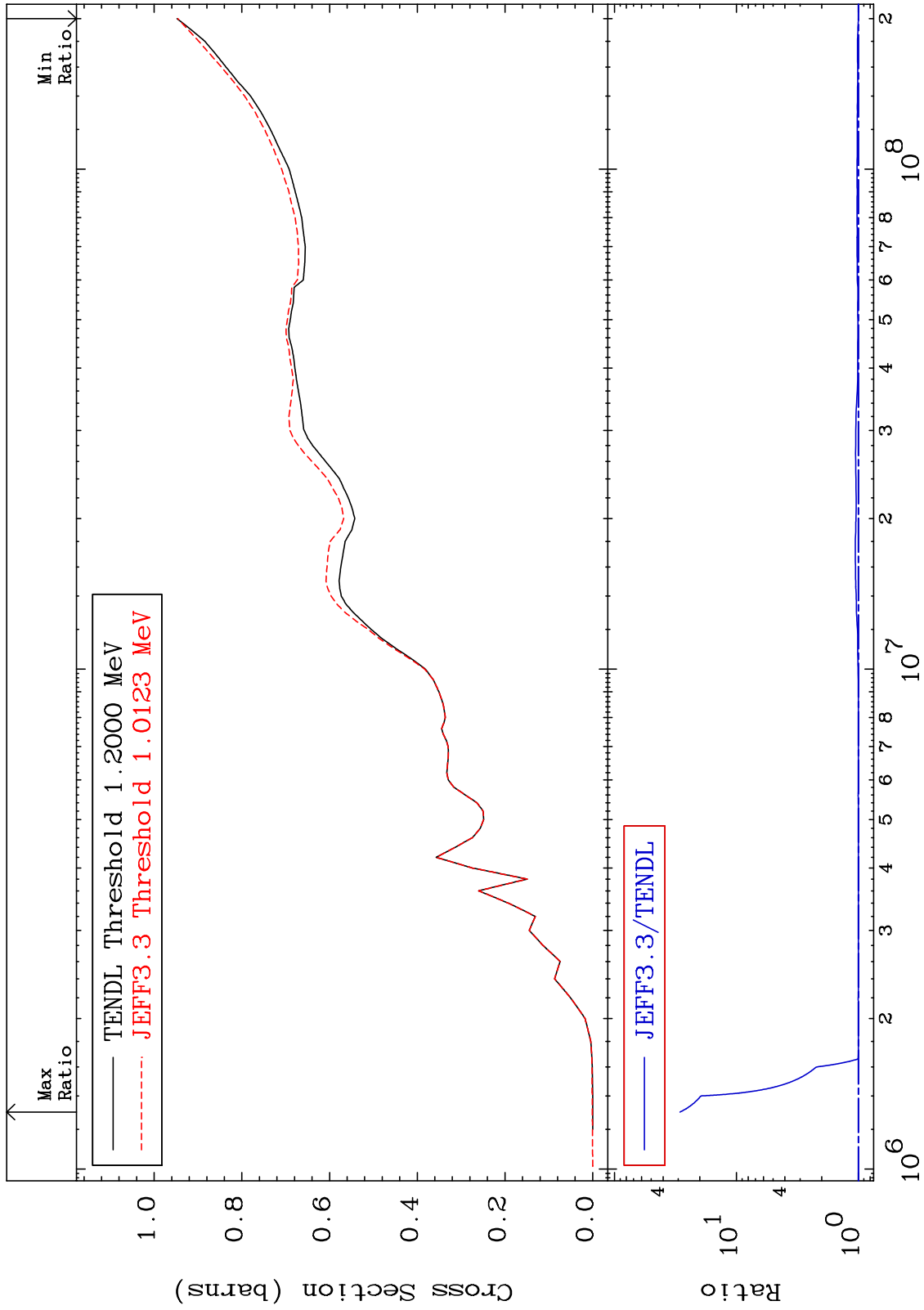
Incident Energy (eV)

16-S -32

MAT 1625

Hydrogen Production
Cross Section

16-S -32
-0.179 To 2803. %



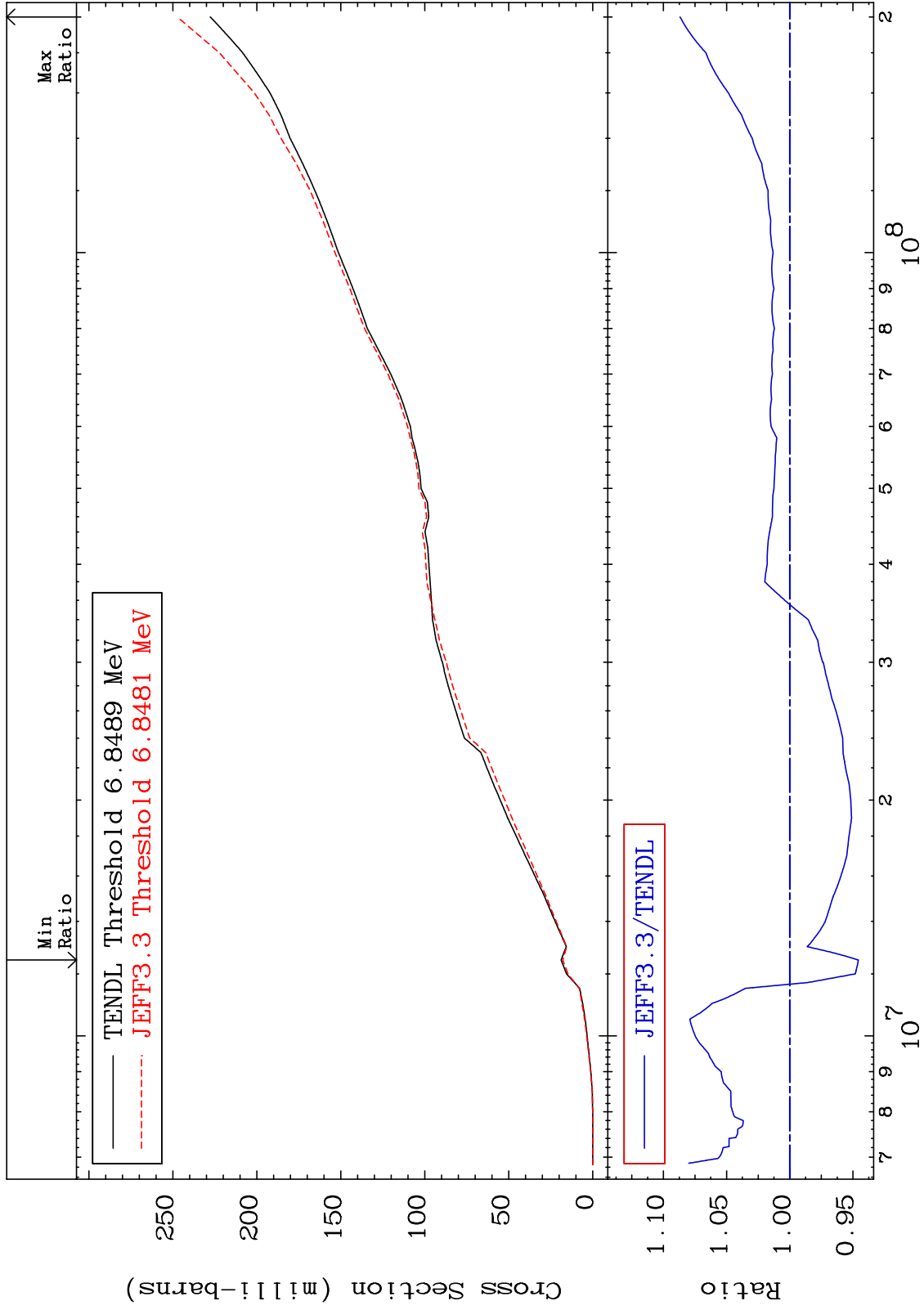
56

16-S -32

MAT 1625

Deuterium Production
Cross Section

16-S -32
-5.430 To 8.686 %



57

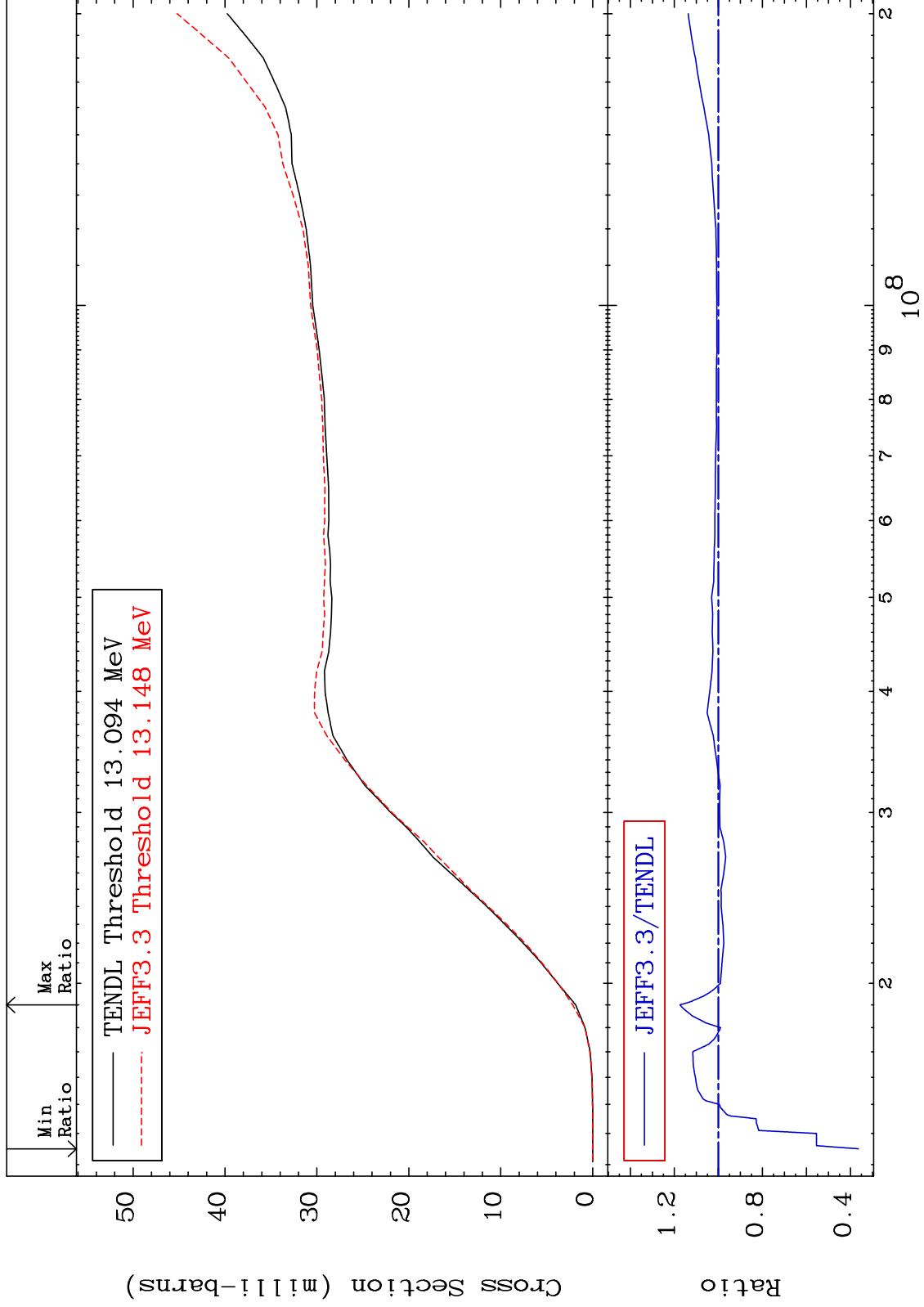
Incident Energy (eV)

16-S -32

MAT 1625

Tritium Production
Cross Section

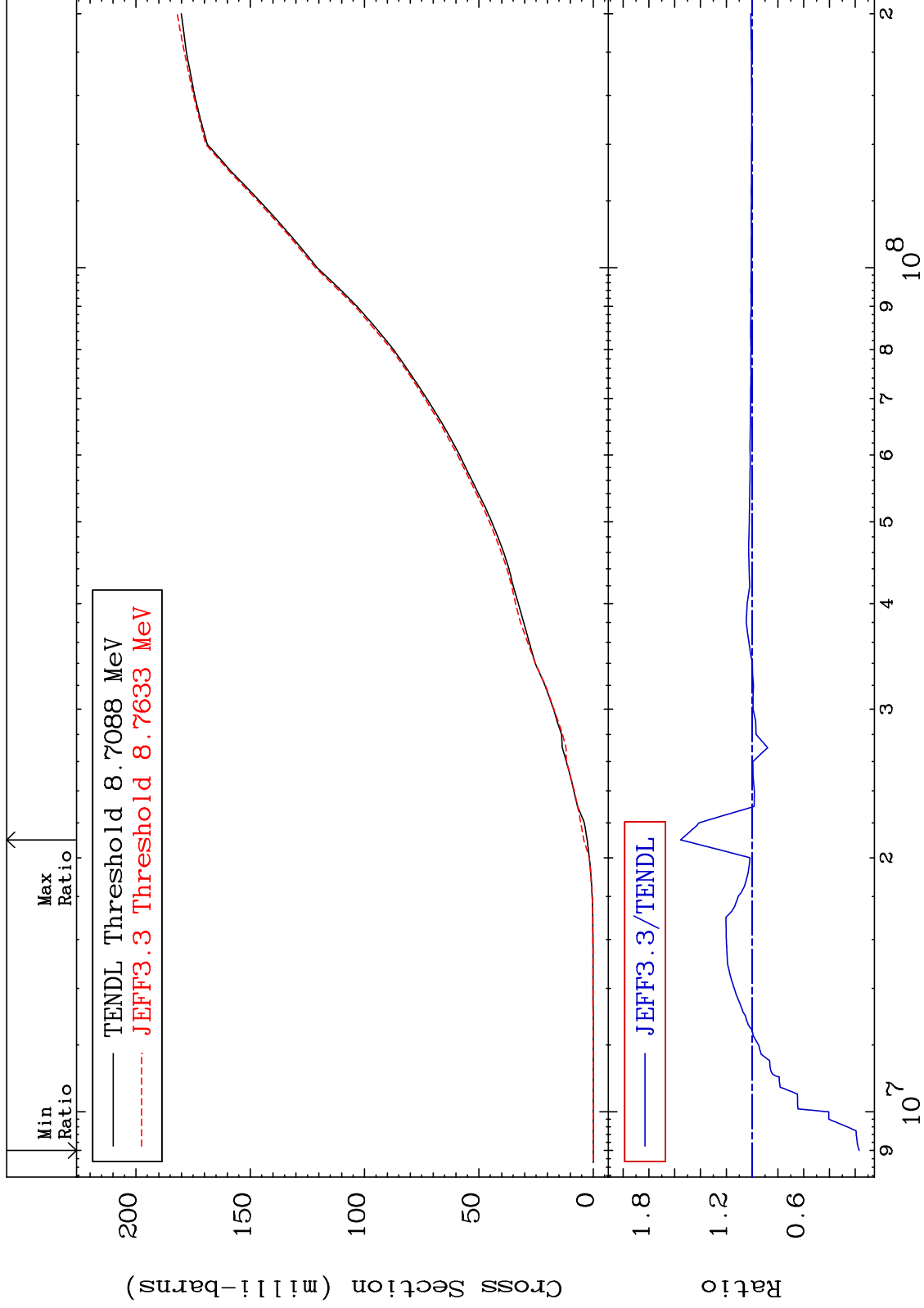
16-S -32
-63.58 To 17.44 %



MAT 1625

He-3 Production
Cross Section

16-S -32
-83.06 To 55.42 %



59

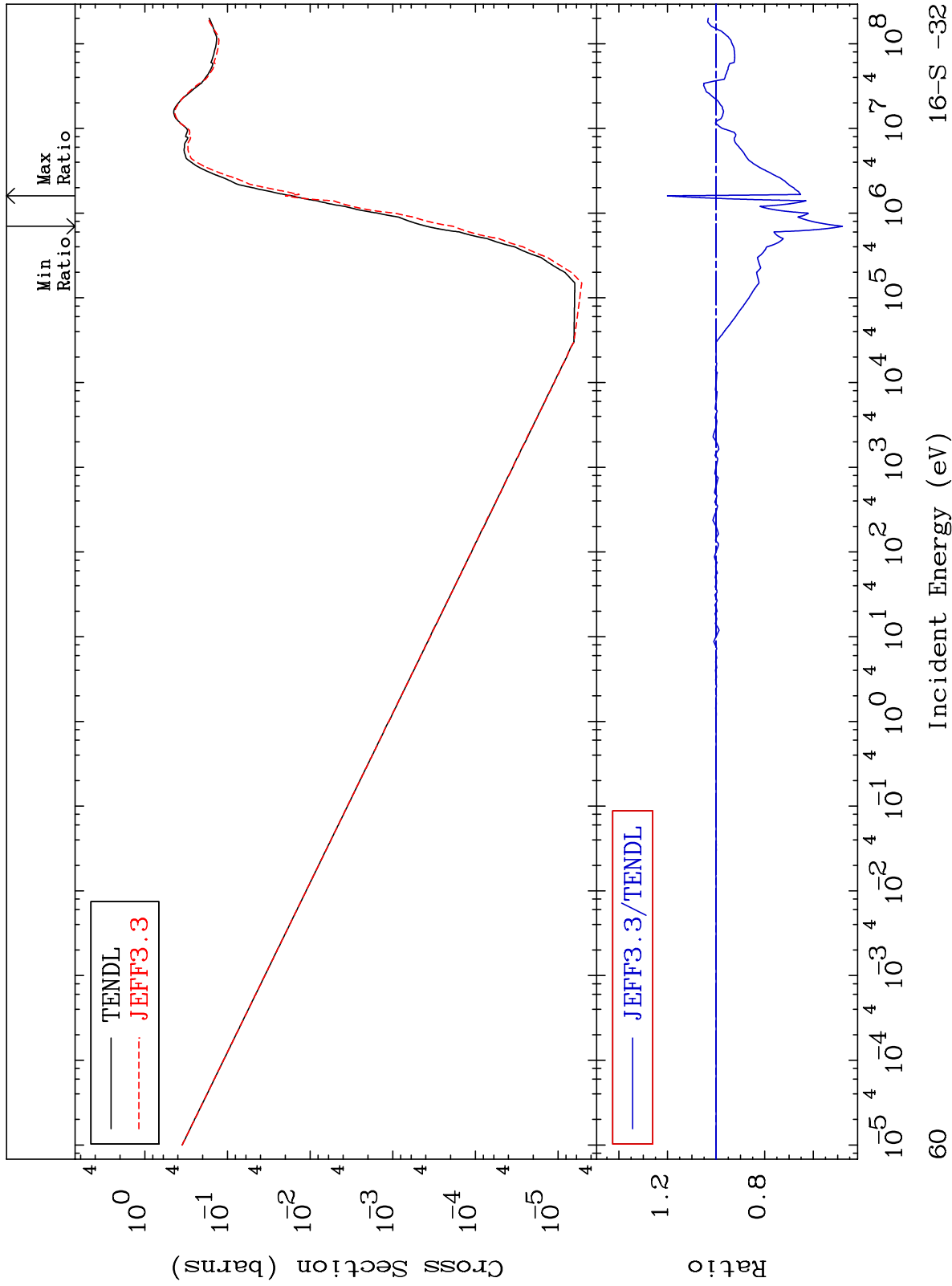
Incident Energy (eV)

16-S -32

MAT 1625

He-4 Production
Cross Section

16-S -32
-52.08 To 20.01 %



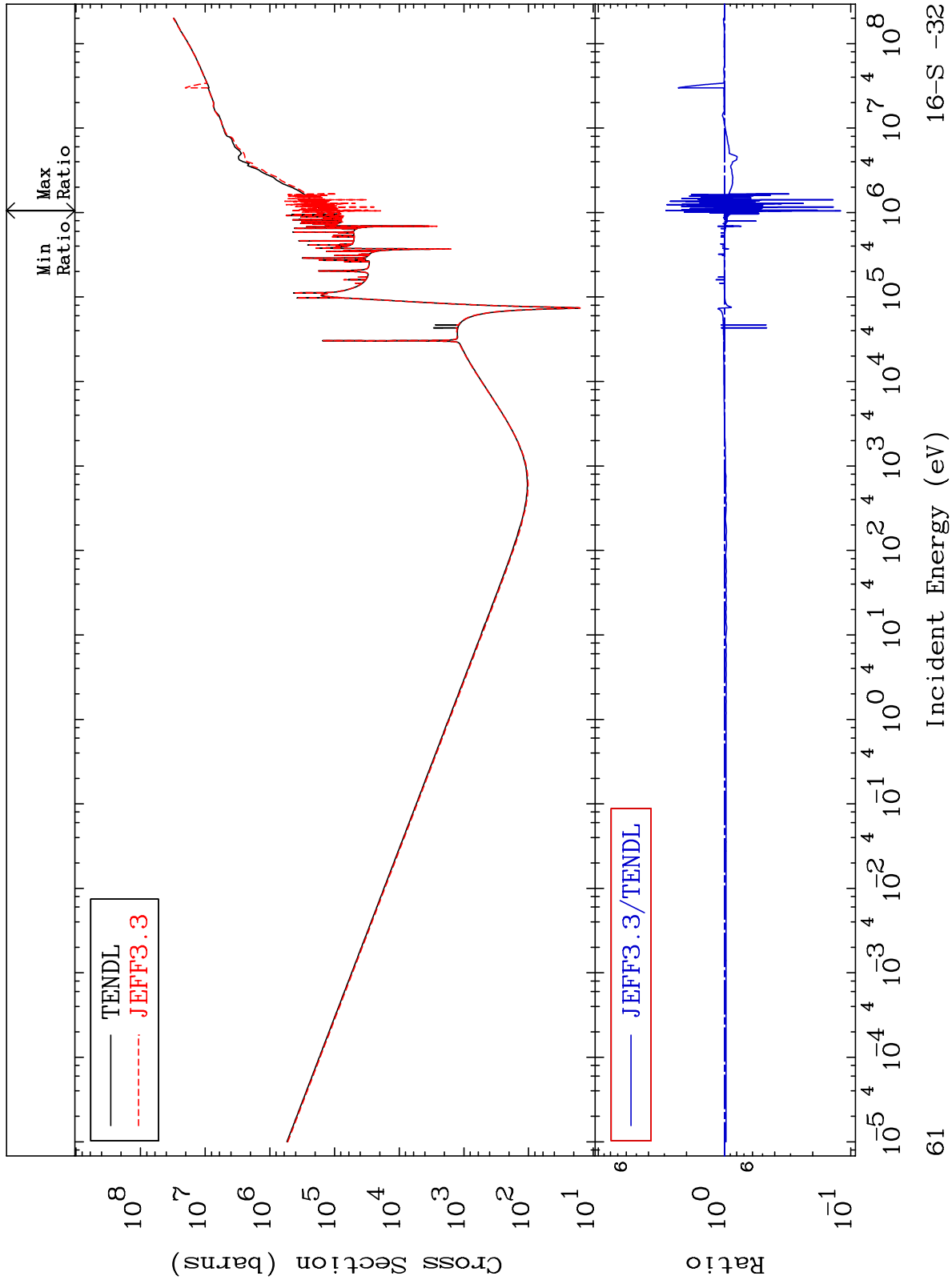
60

16-S -32

MAT 1625

Kerma total (eV-barns)
Cross Section

16-S -32
-87.97 To 191.5 %



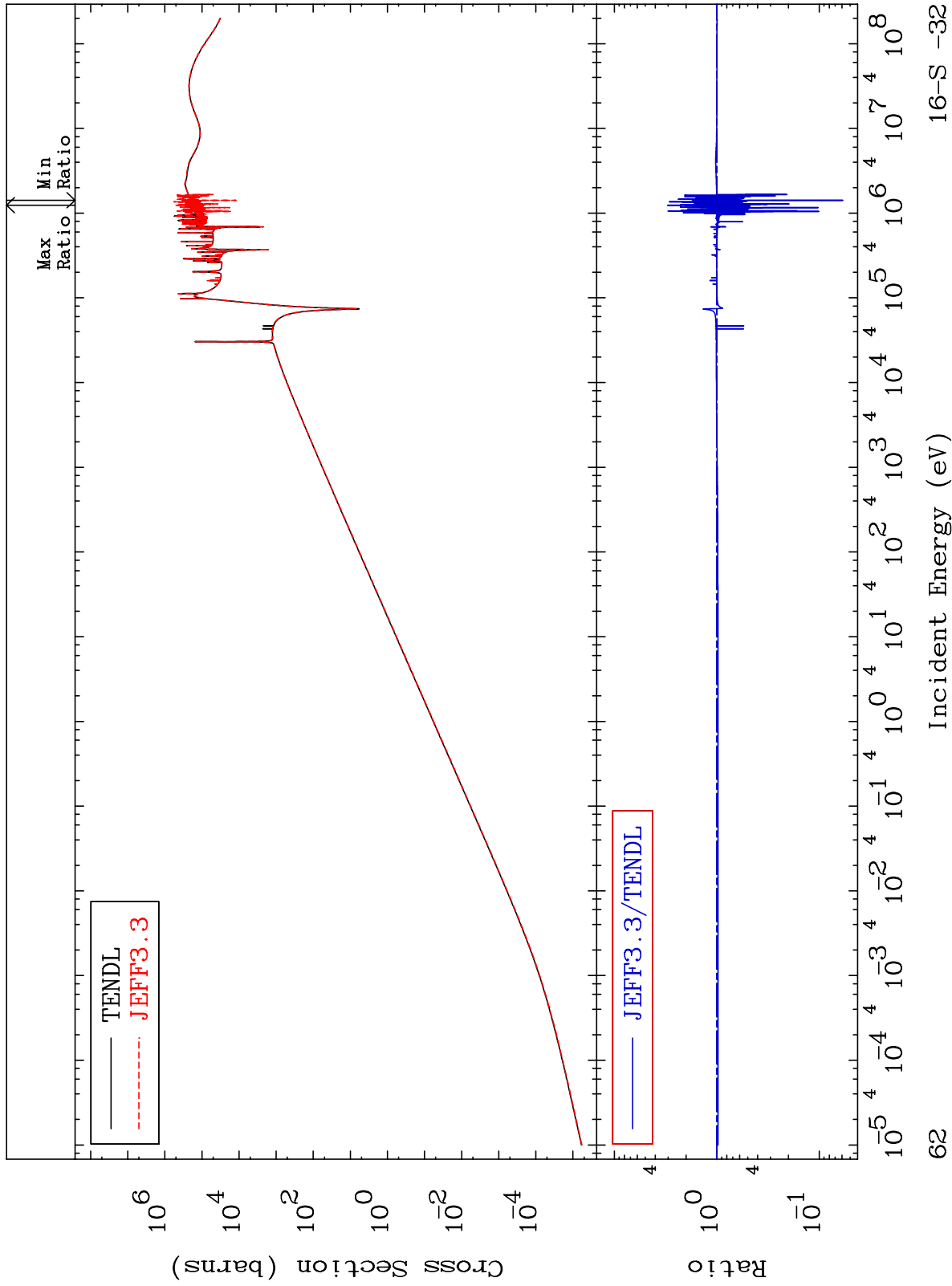
61

16-S -32

MAT 1625

Kerma elastic
Cross Section

16-S -32
-94.08 To 203.2 %



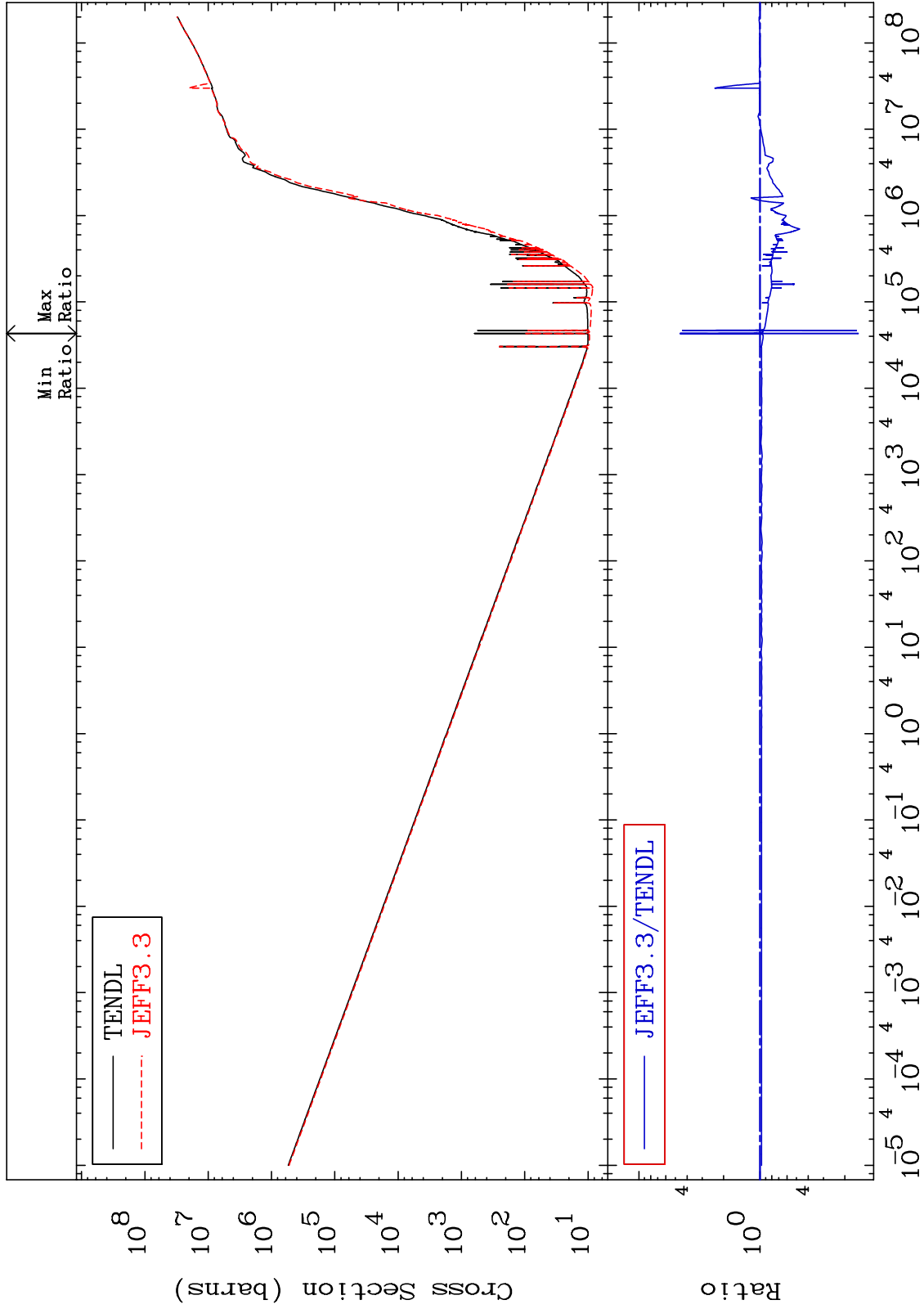
62

16-S -32

MAT 1625

Kerma non-elastic (all but mt2)
Cross Section

16-S -32
-84.58 To 357.8 %



63

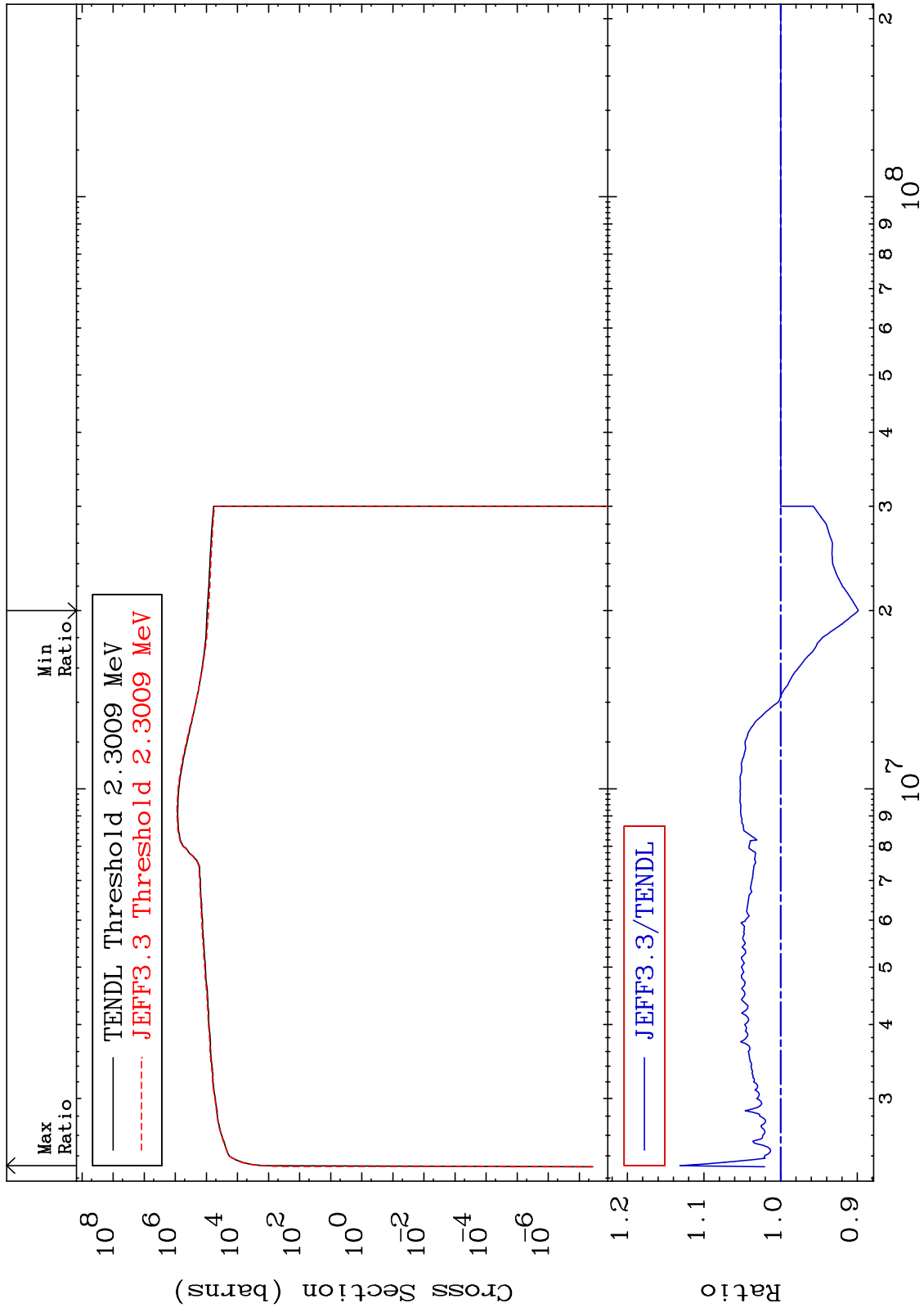
Incident Energy (eV)

16-S -32

MAT 1625

Kerma inelastic (mt51-91)
Cross Section

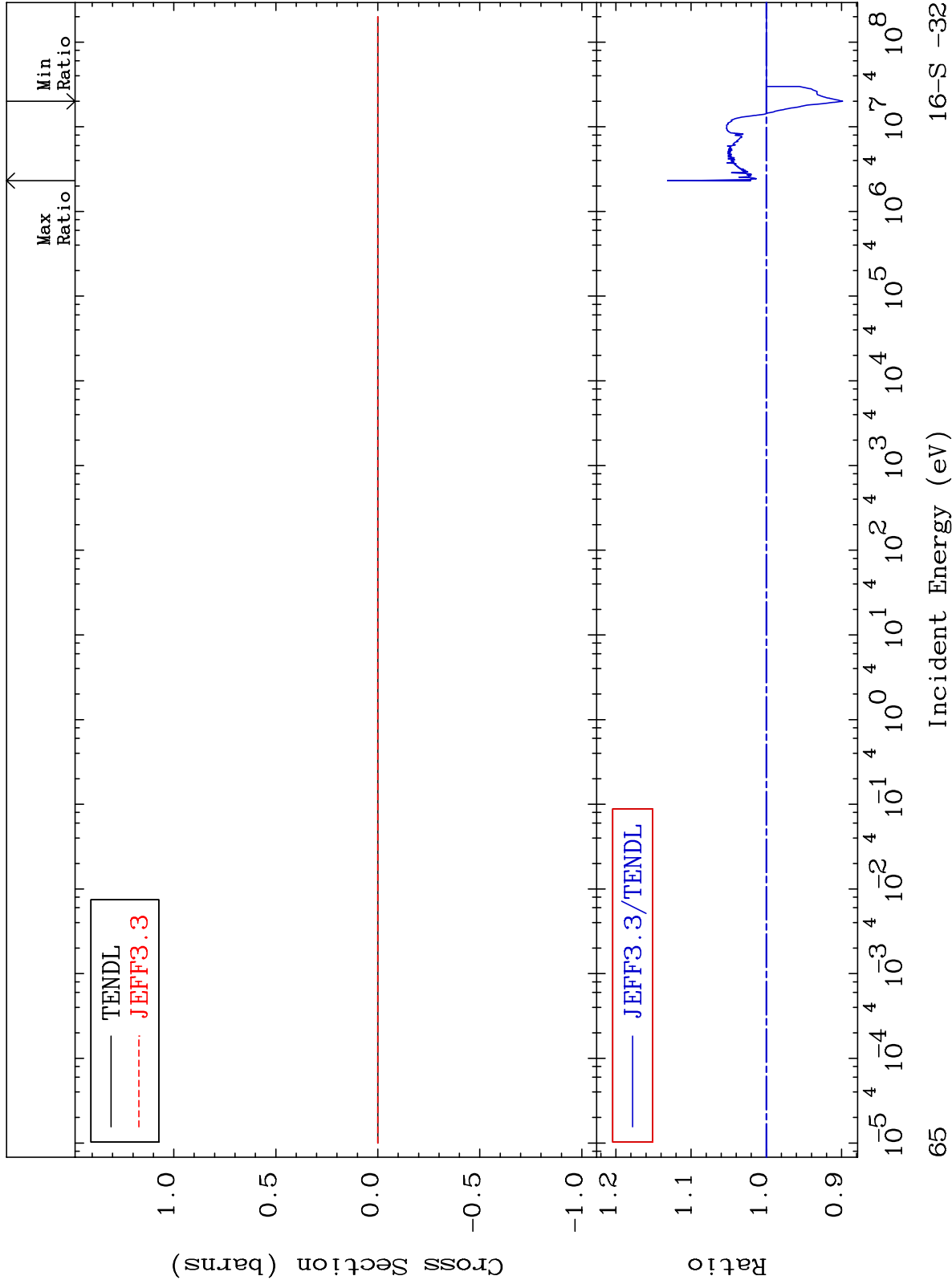
16-S -32
-10.14 To 13.13 %



MAT 1625

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

16-S -32
-10.14 To 13.13 %



65

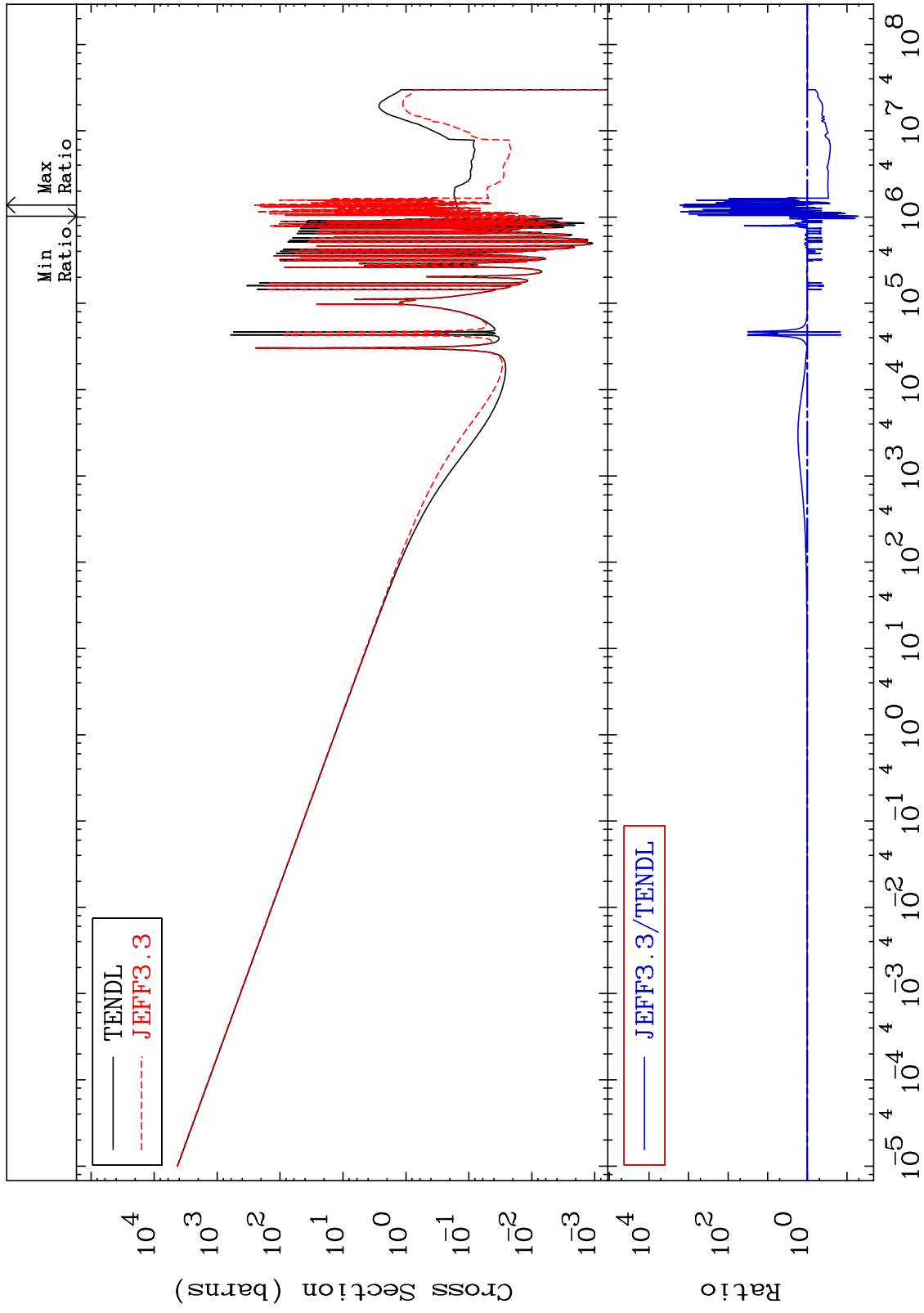
Incident Energy (eV)

16-S -32

MAT 1625

Kerma capture (mt102)
Cross Section

16-S -32
-94.86 To 9999. %



66

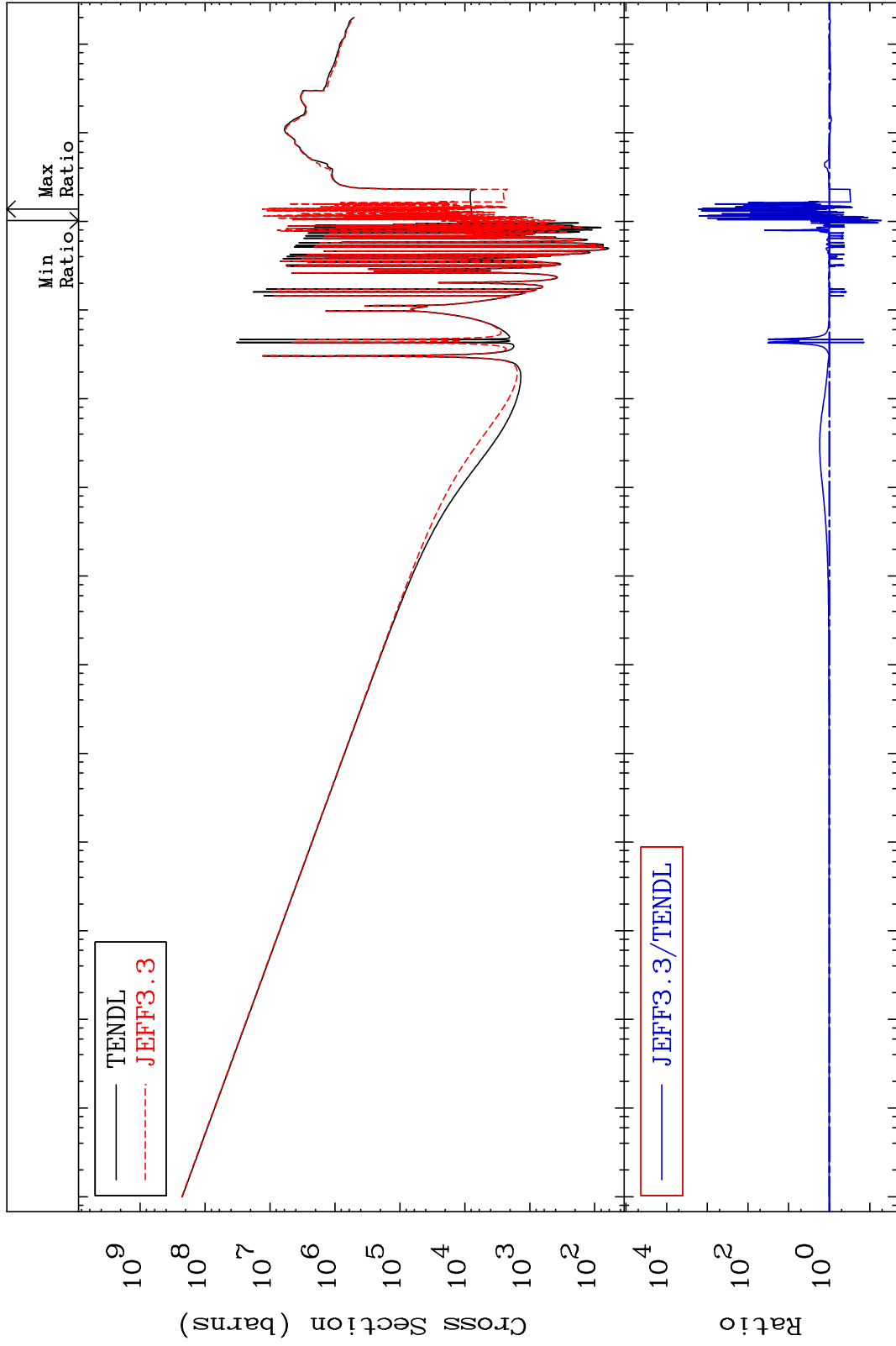
Incident Energy (eV)

16-S -32

MAT 1625

Total photon (eV-barns)
Cross Section

16-S -32
-94.82 To 9999. %



67

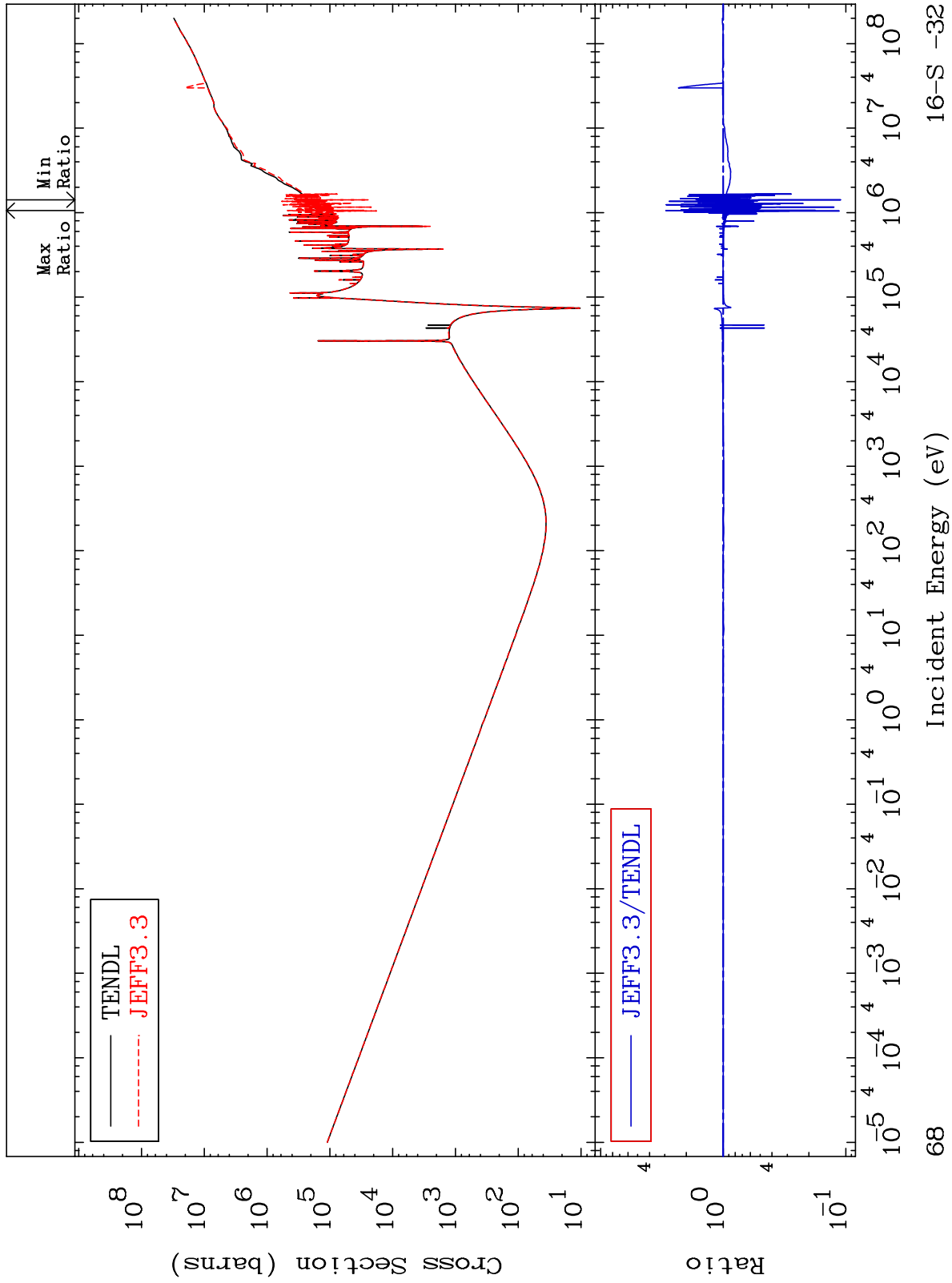
Incident Energy (eV)

16-S -32

MAT 1625

Total kinematic kerma (high limit)
Cross Section

16-S -32
-88.95 To 194.0 %



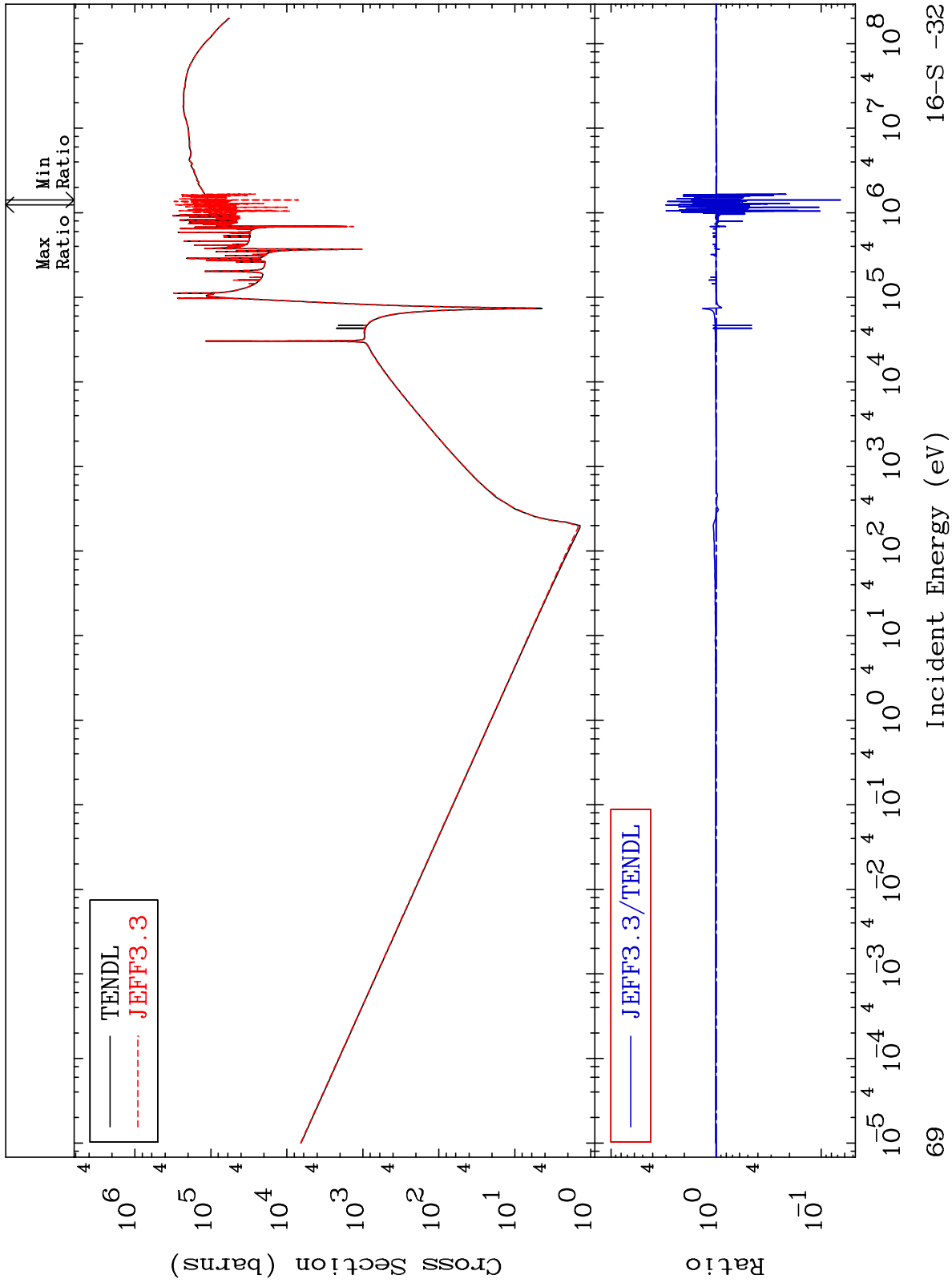
68

16-S -32

MAT 1625

Dpa total (eV-barns)
Cross Section

16-S -32
-93.43 To 202.1 %



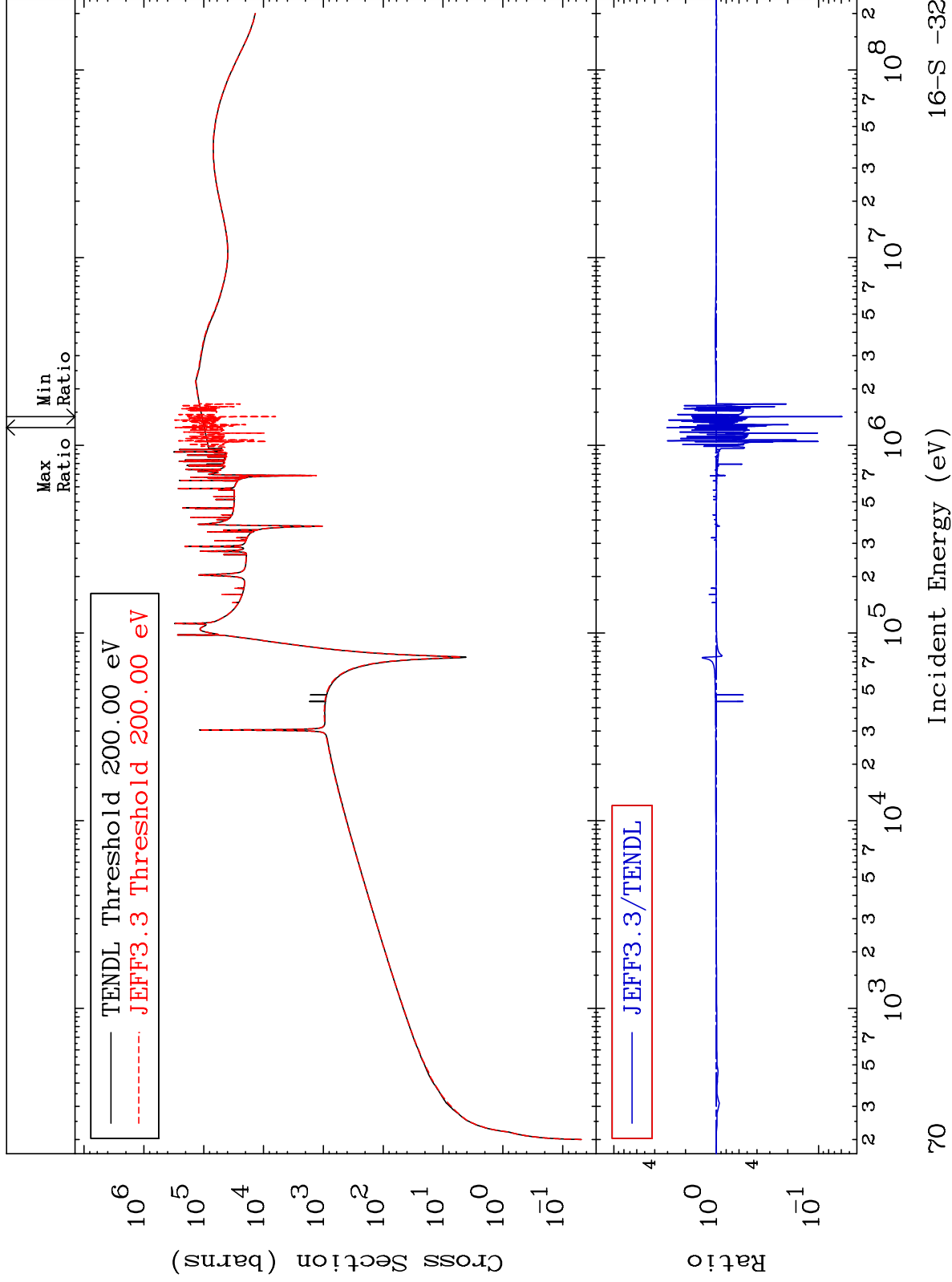
69

16-S -32

MAT 1625

Dpa elastic (mt2)
Cross Section

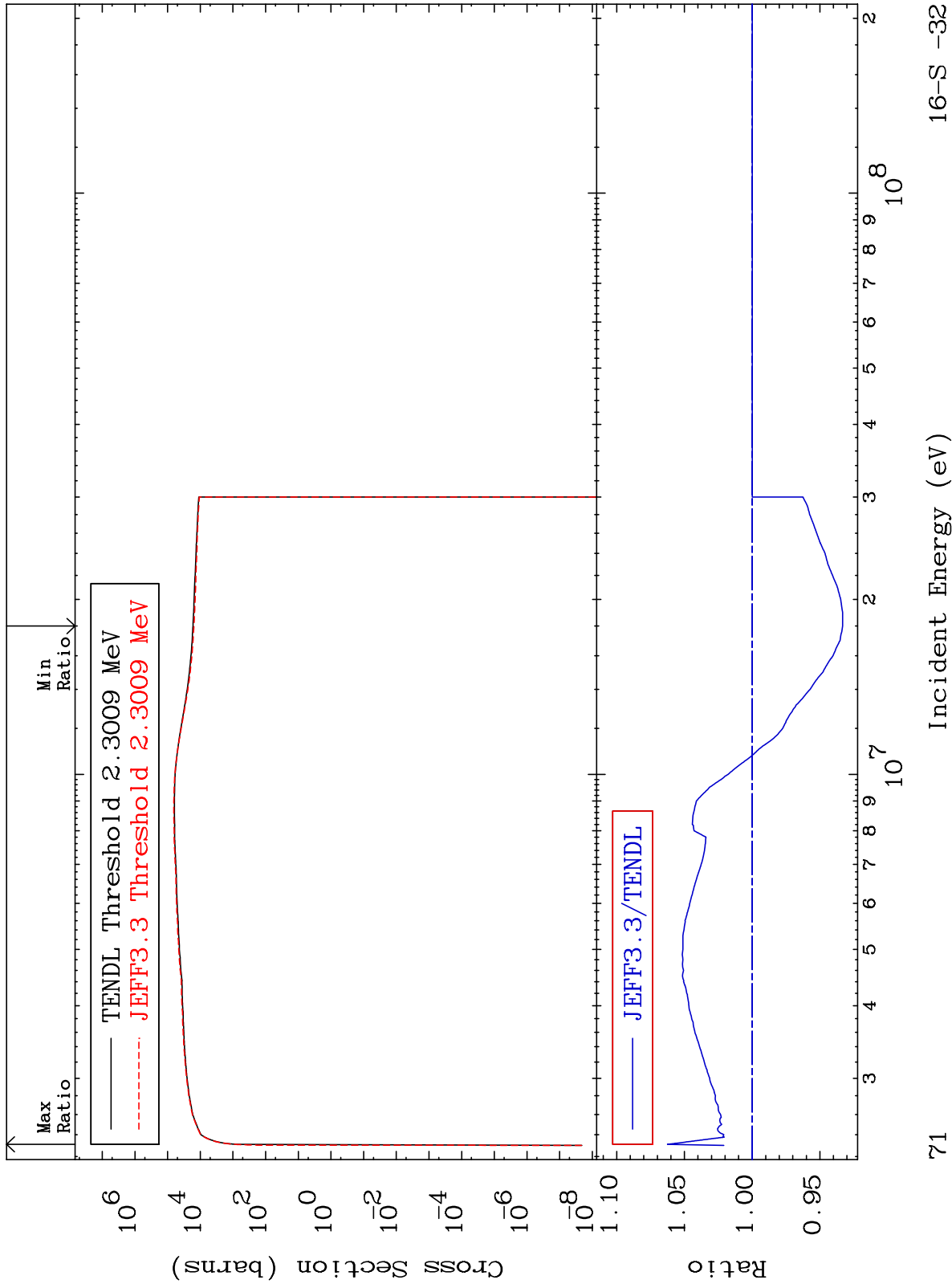
16-S -32
-94.08 To 203.2 %



MAT 1625

Dpa inelastic (mt51-91)
Cross Section

16-S -32
-6.679 To 6.247 %



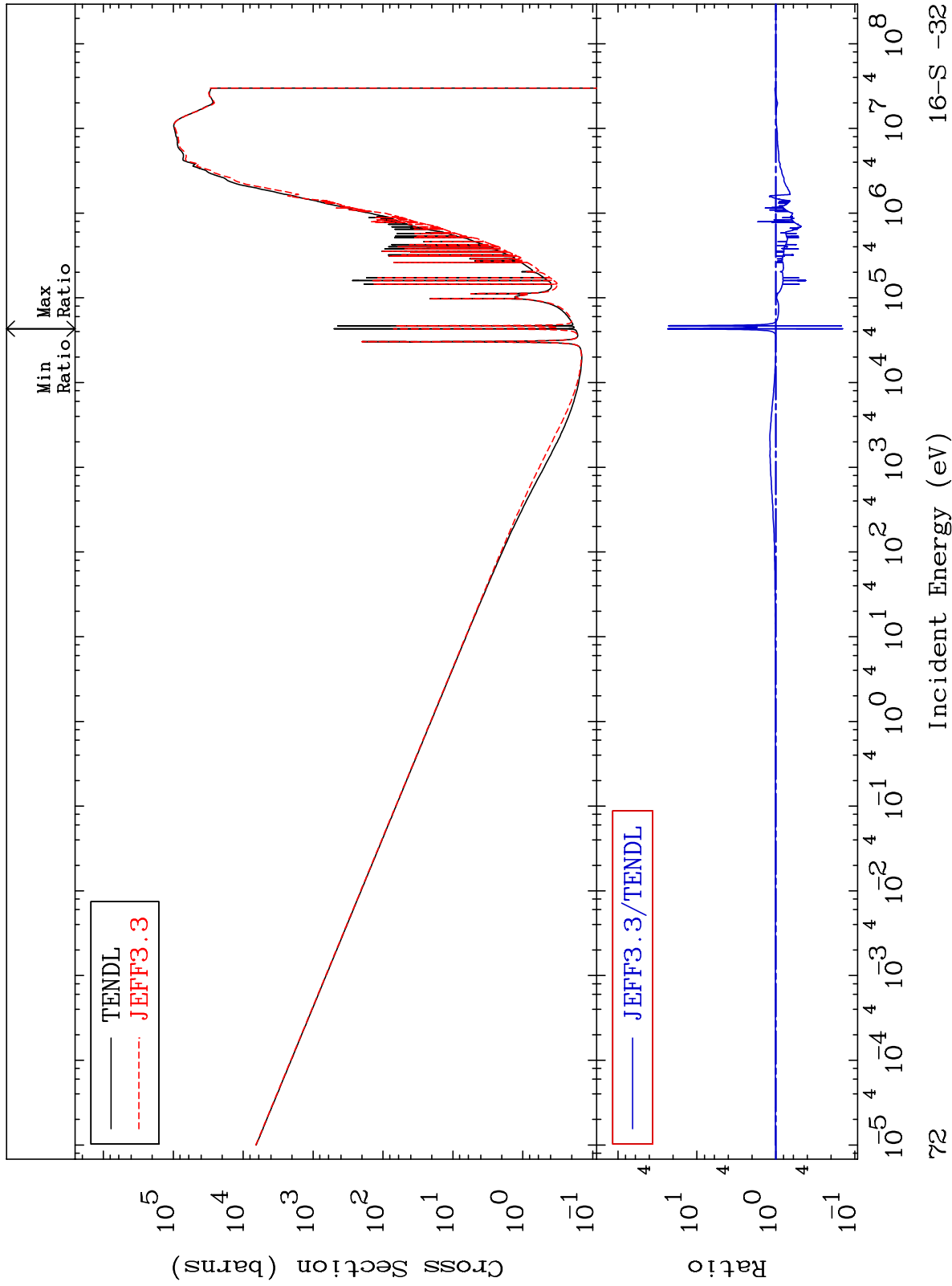
71

16-S -32

MAT 1625

Dpa disappearance (mt102 -120)
Cross Section

16-S -32
-85.75 To 2253. %



72

16-S -32