

Program Complot
(Version 2018-1)

by

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(Present Contact Information)

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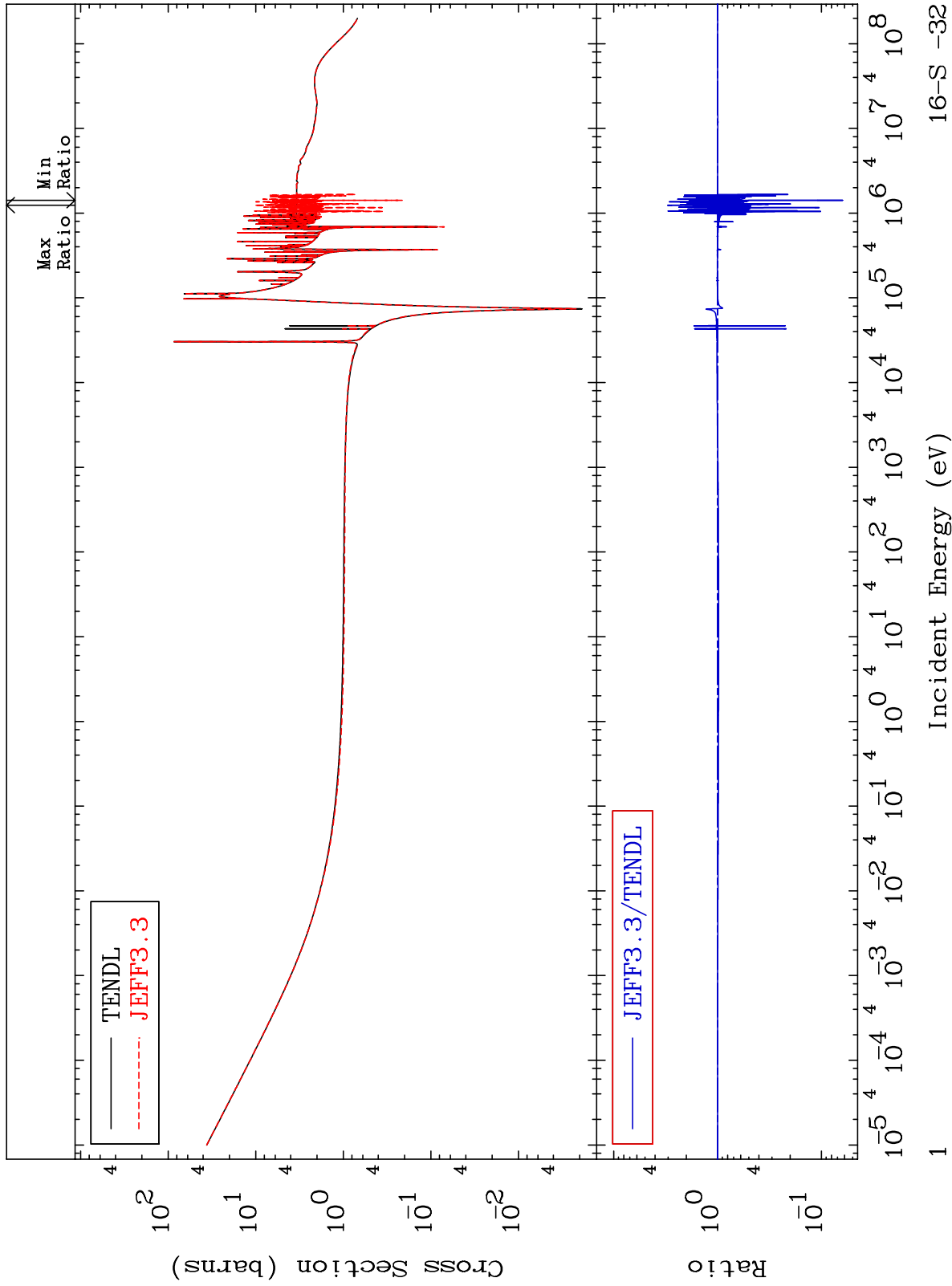
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1625

Total
Cross Section

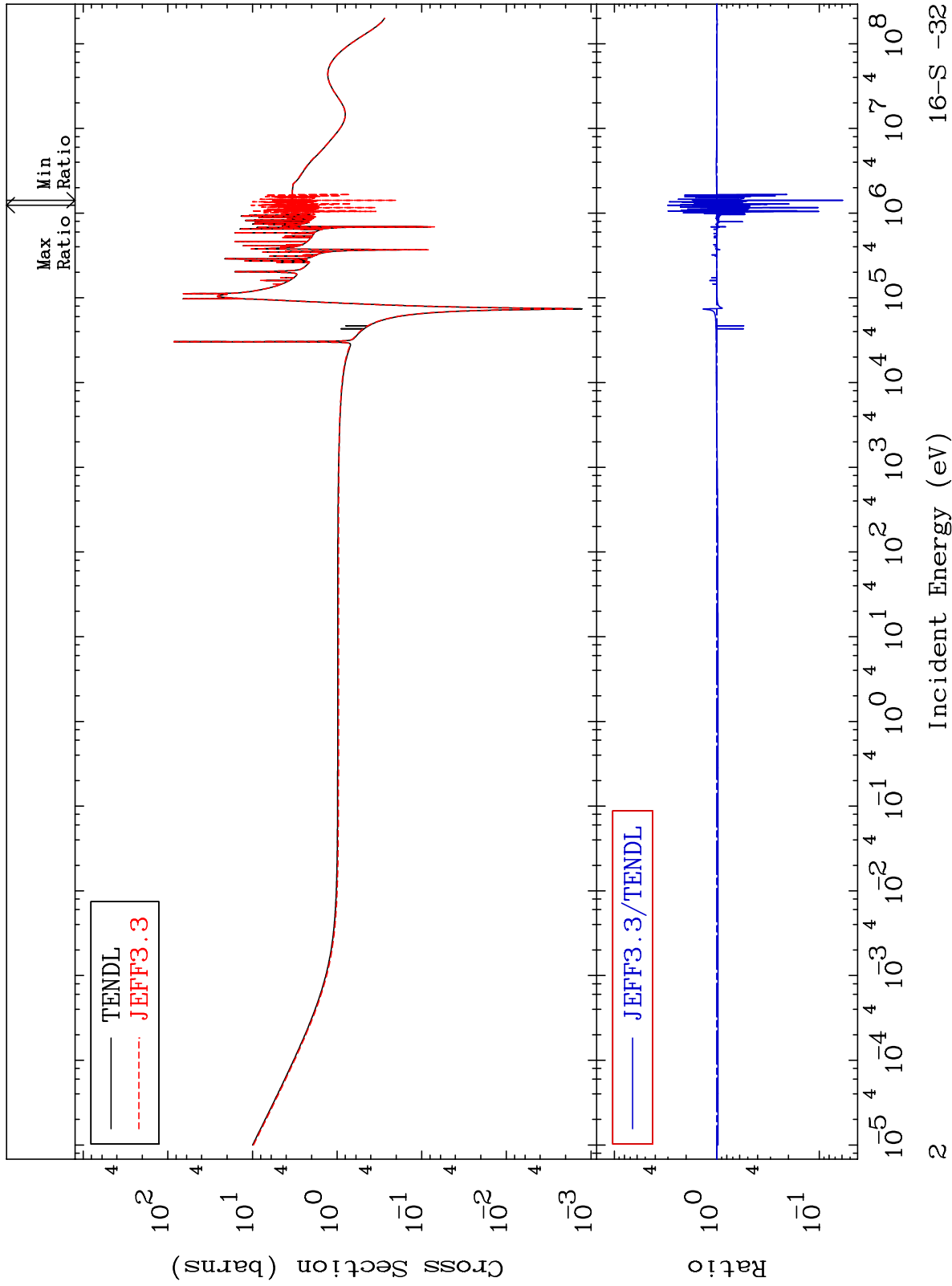
16-S -32
-93.75 To 203.2 %



MAT 1625

Elastic
Cross Section

16-S -32
-94.09 To 203.1 %

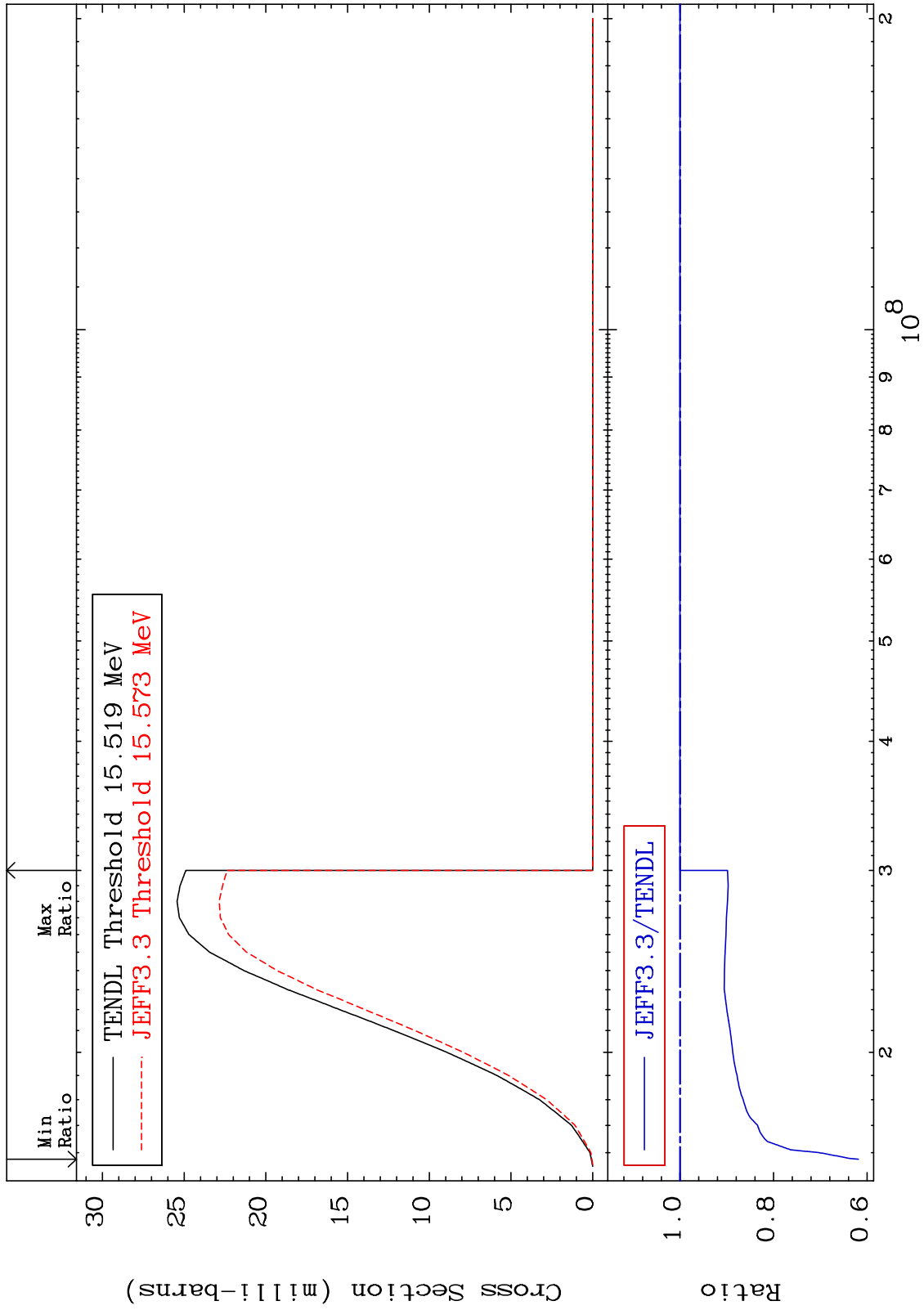


16-S -32

Incident Energy (eV)

2

MAT 1625 (n,2n) Cross Section 16-S -32 -38.13 To 0.000 %



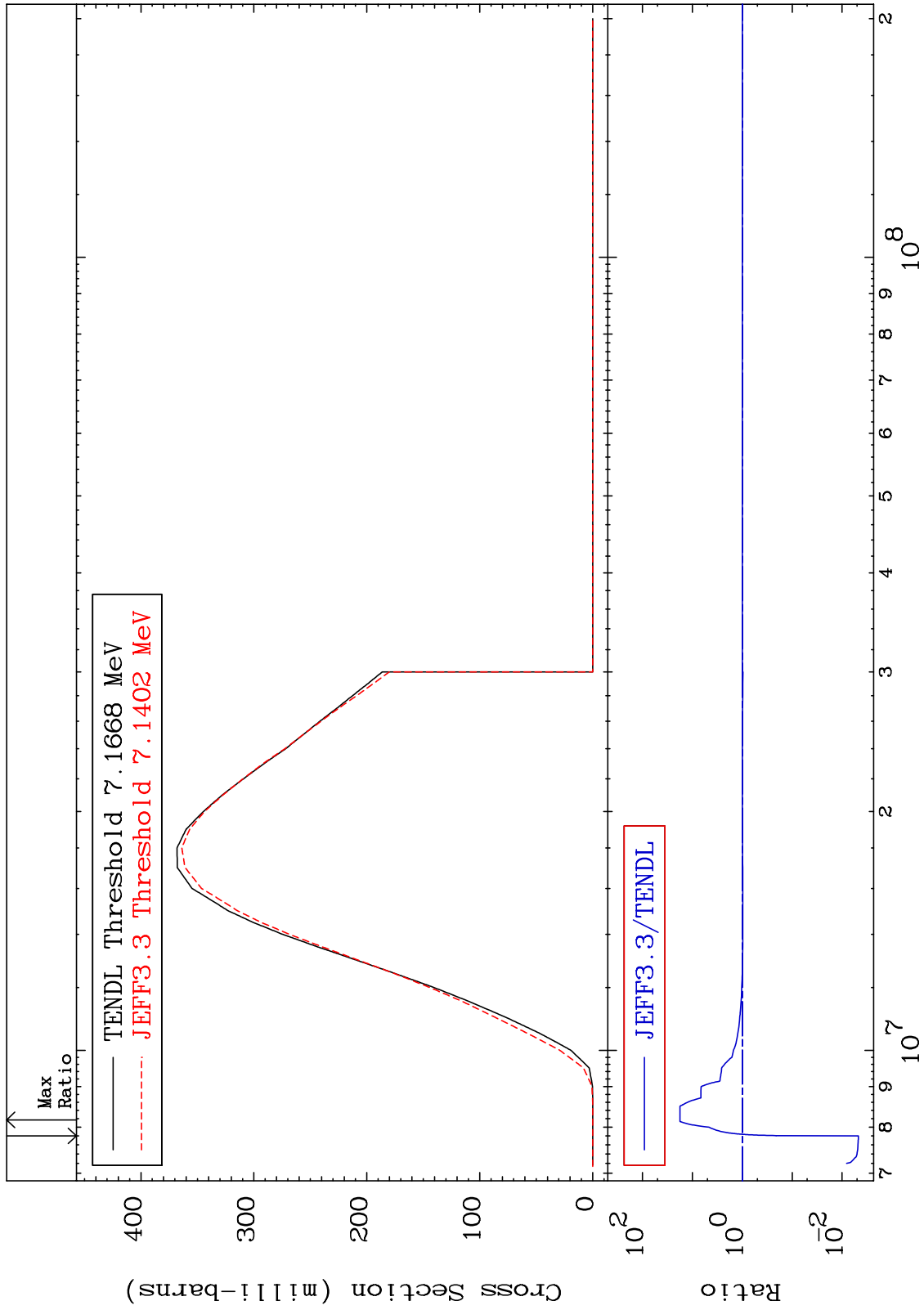
MAT 1625

(n,n') α

16-S -32

Cross Section

-99.53 To 1671. %



5

Incident Energy (eV)

16-S -32

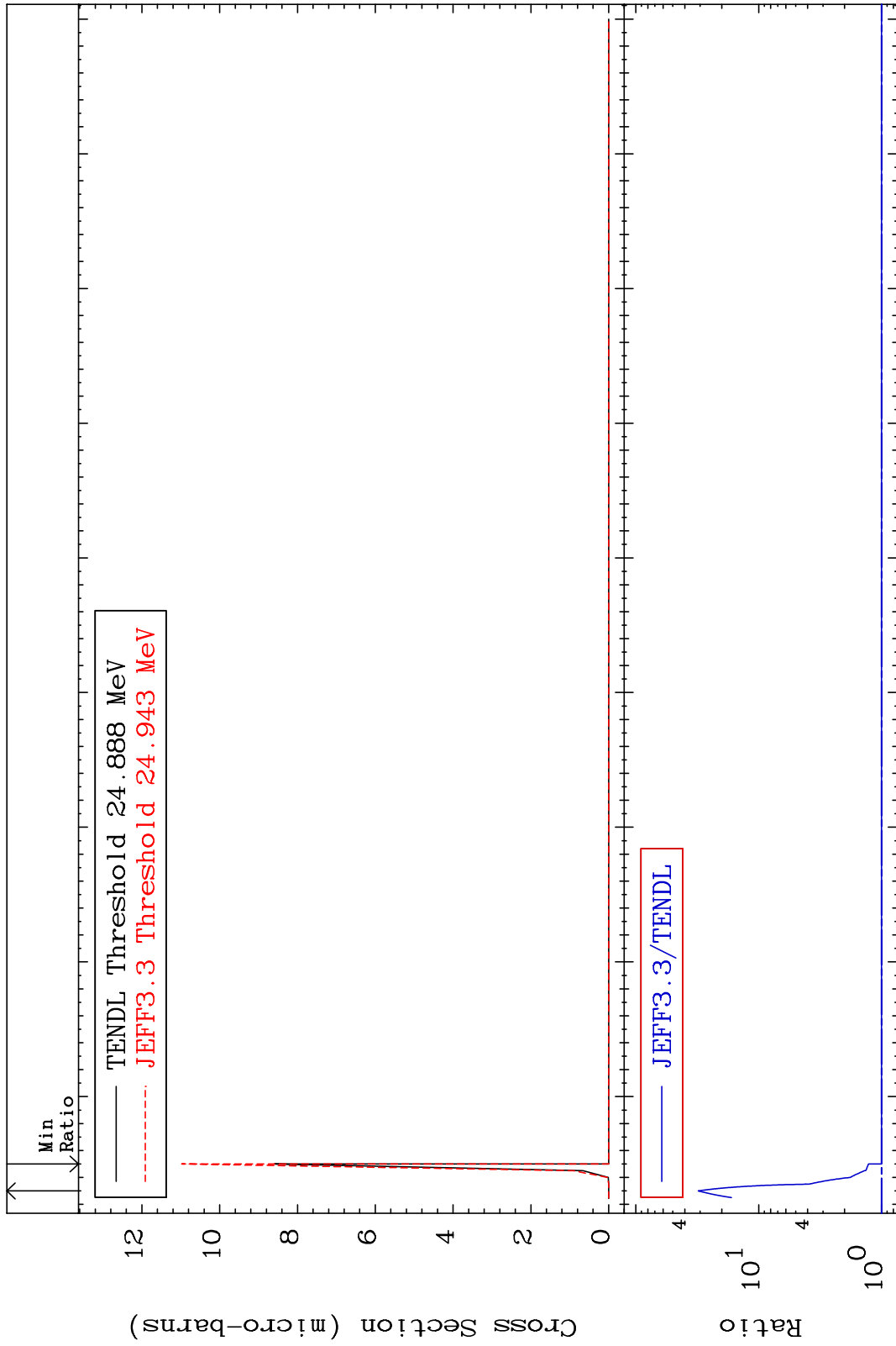
MAT 1625

(n,2n) α

16-S -32

Cross Section

0.000 To 3000. %



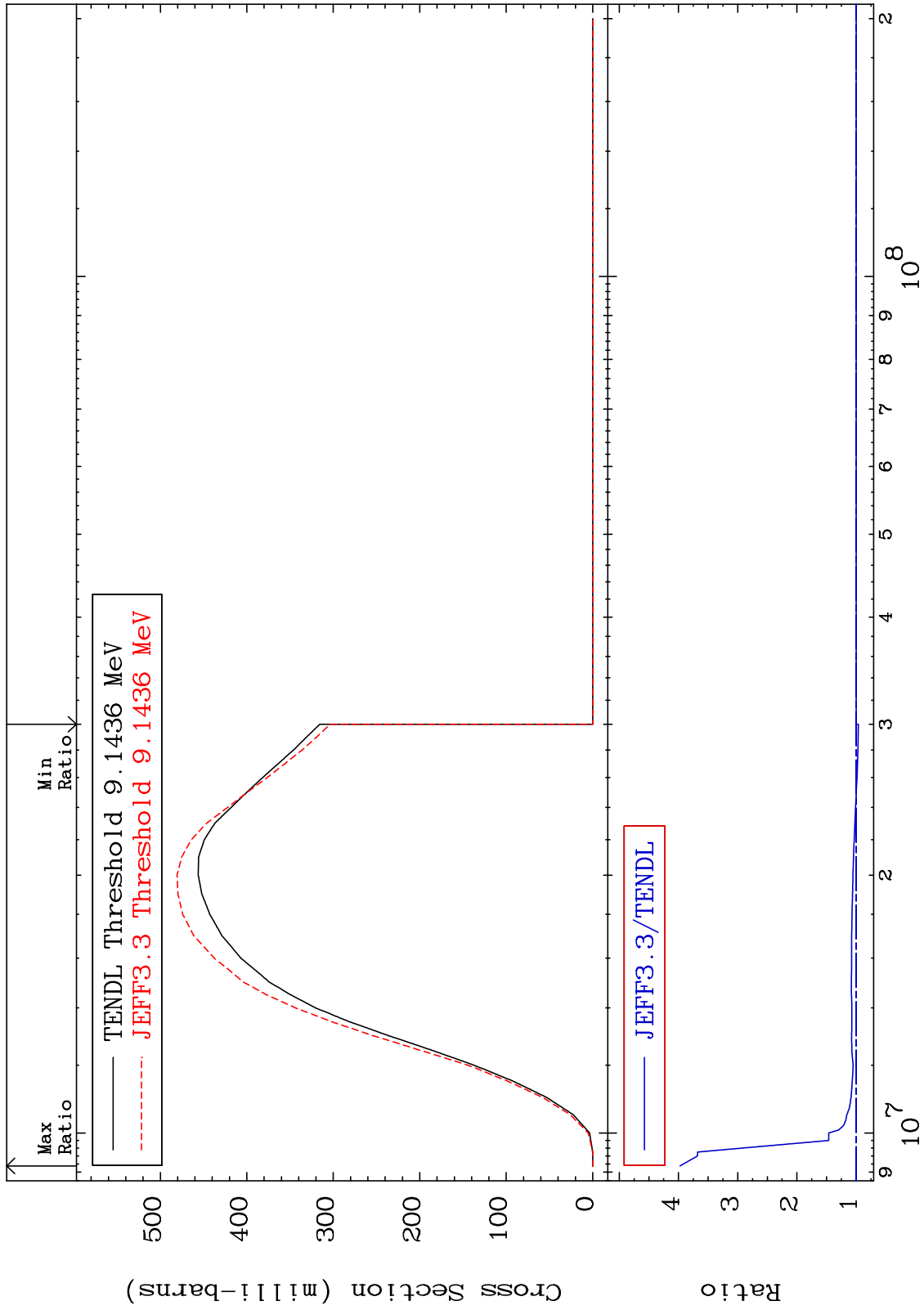
MAT 1625

(n,n') p

16-S -32

Cross Section

-3.798 To 297.4 %



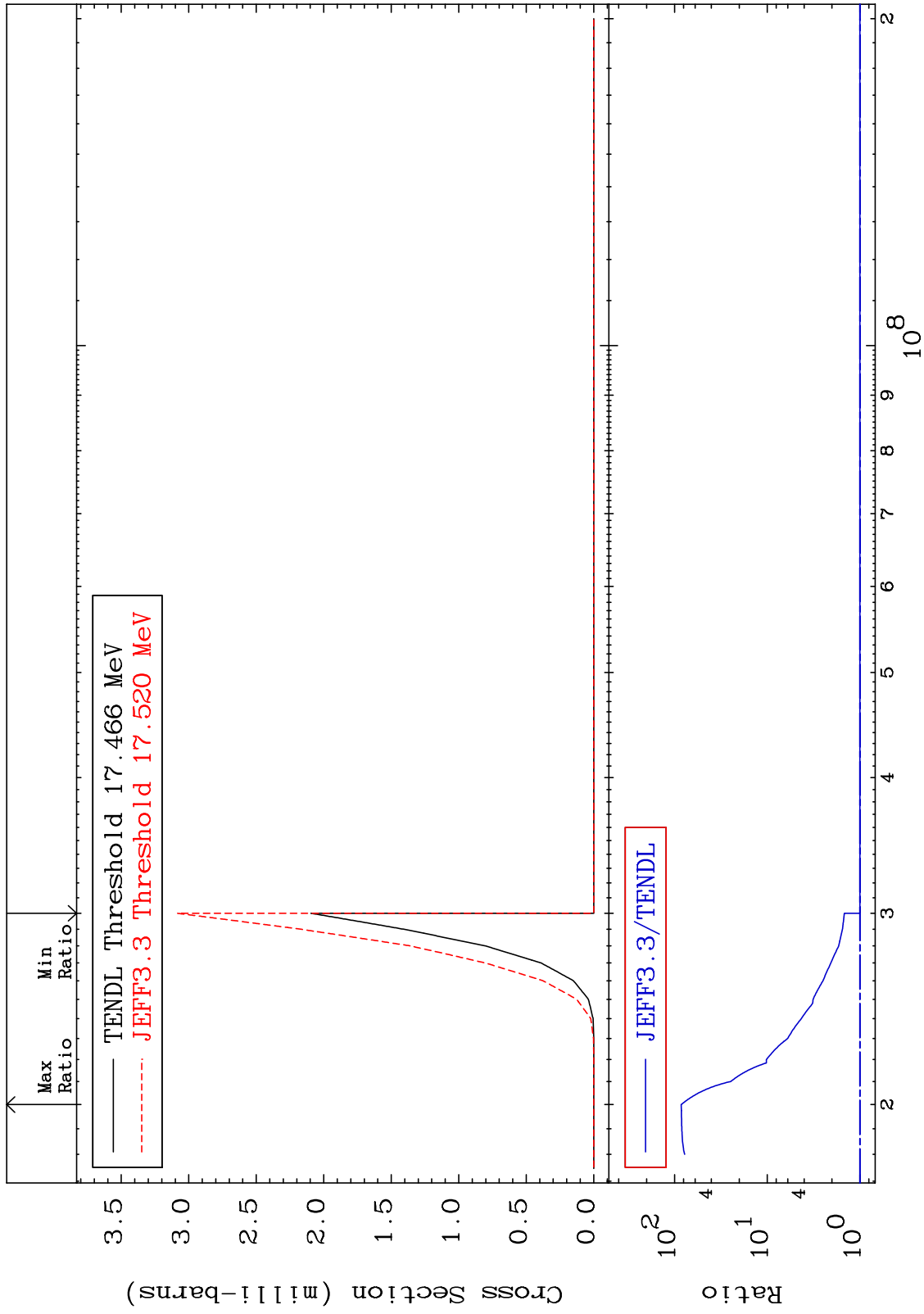
Incident Energy (eV)

16-S -32

MAT 1625

(n,n') 2α
Cross Section

16-S -32
0.000 To 8361. %



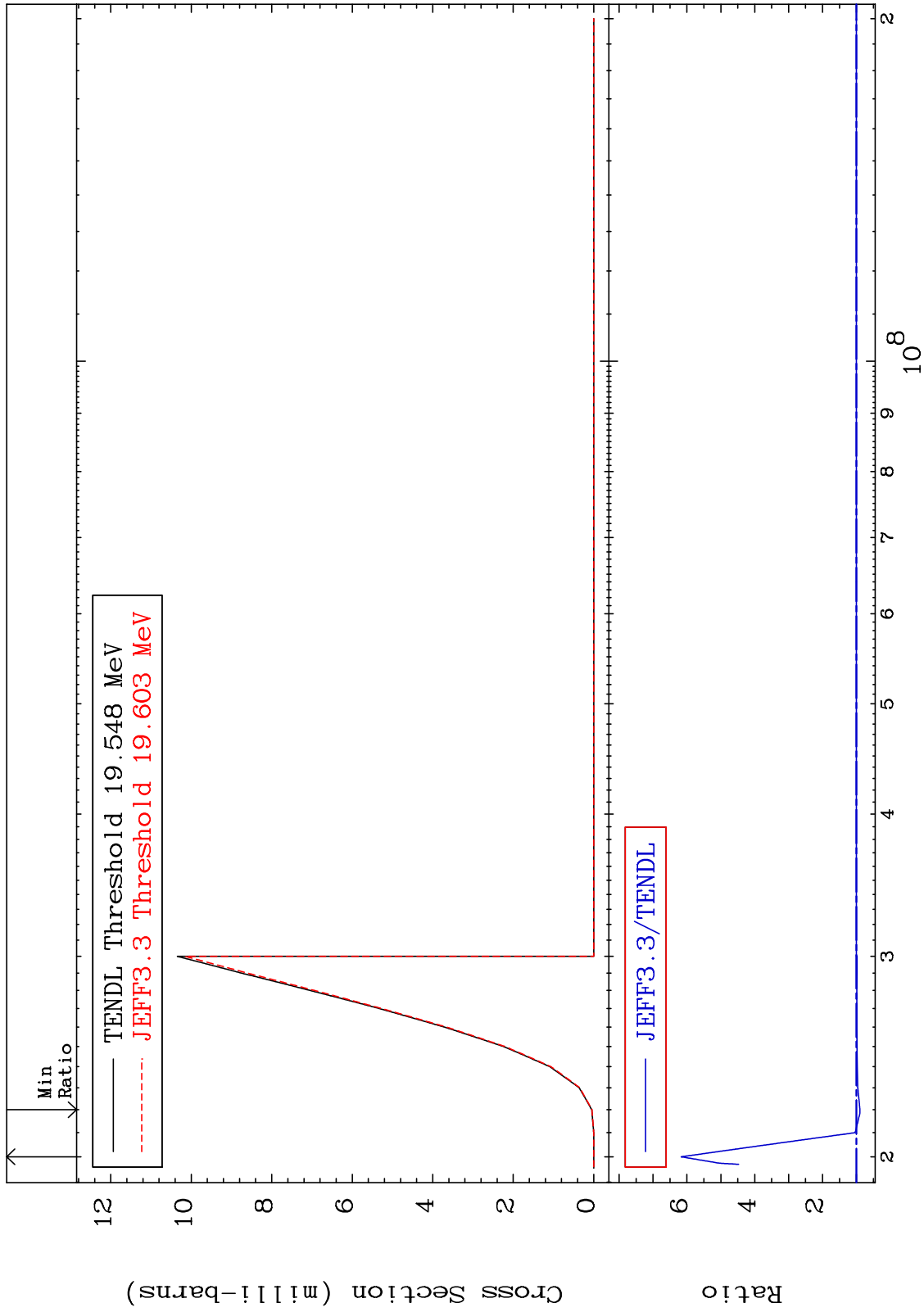
MAT 1625

(n, n') d

16-S -32

Cross Section

-10.38 To 516.8 %



9

Incident Energy (eV)

16-S -32

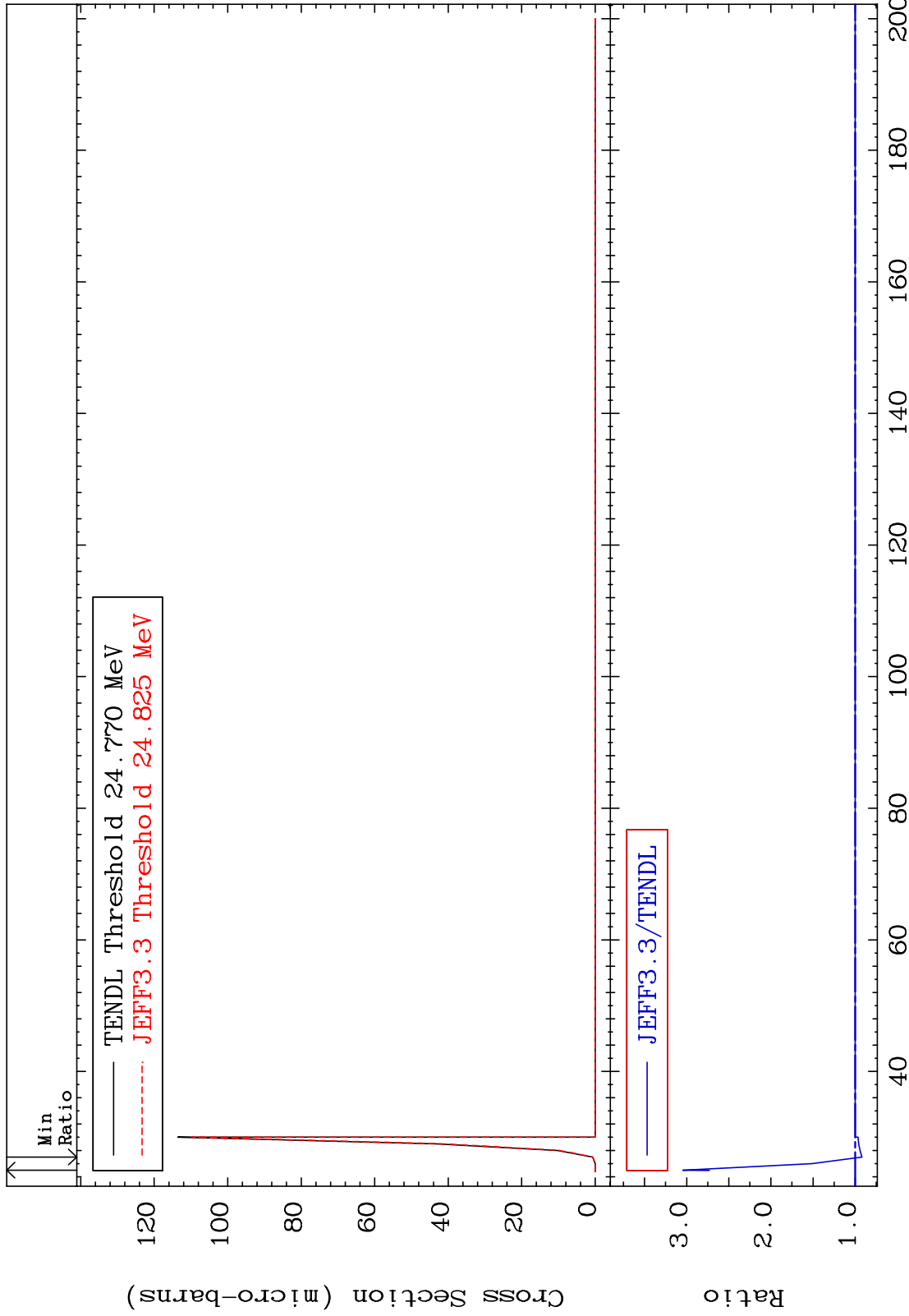
MAT 1625

(n,n') t

16-S -32

Cross Section

-8.129 To 204.5 %



10

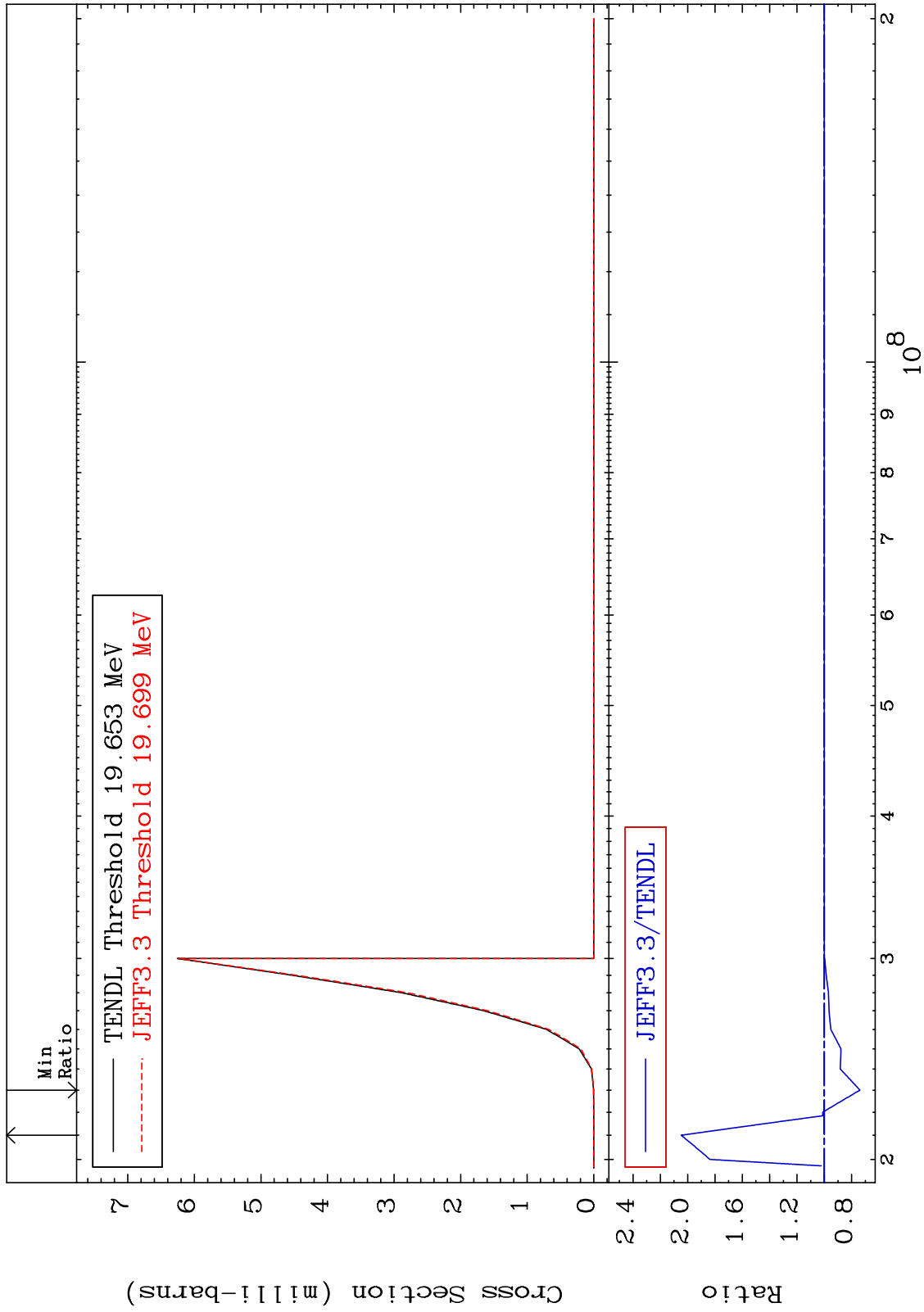
Incident Energy (MeV)

16-S -32

MAT 1625

(n, n') He-3
Cross Section

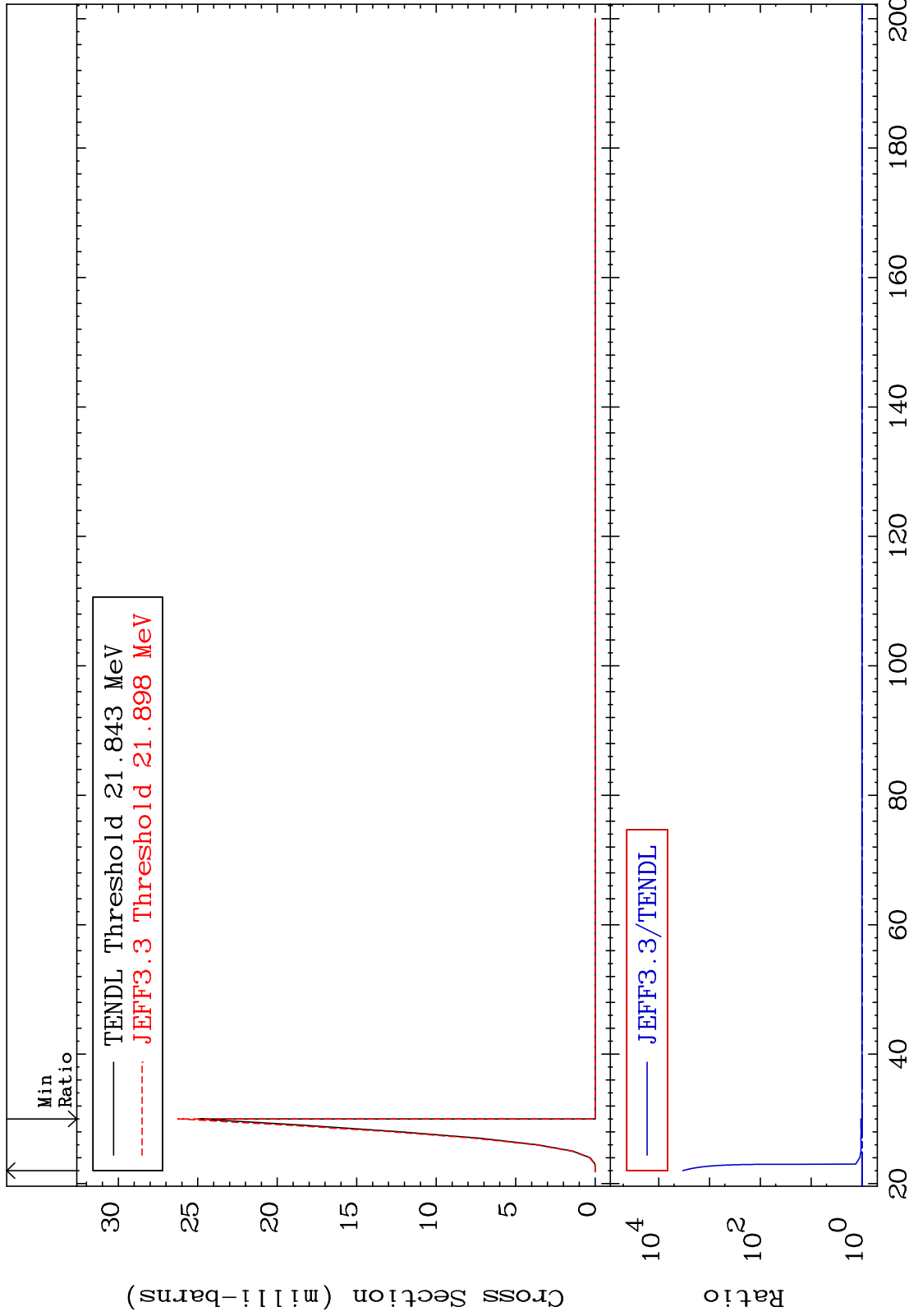
16-S -32
-26.09 To 104.7 %



MAT 1625

(n,2n) p
Cross Section

16-S -32
0.000 To 9999. %



16-S -32

Incident Energy (MeV)

12

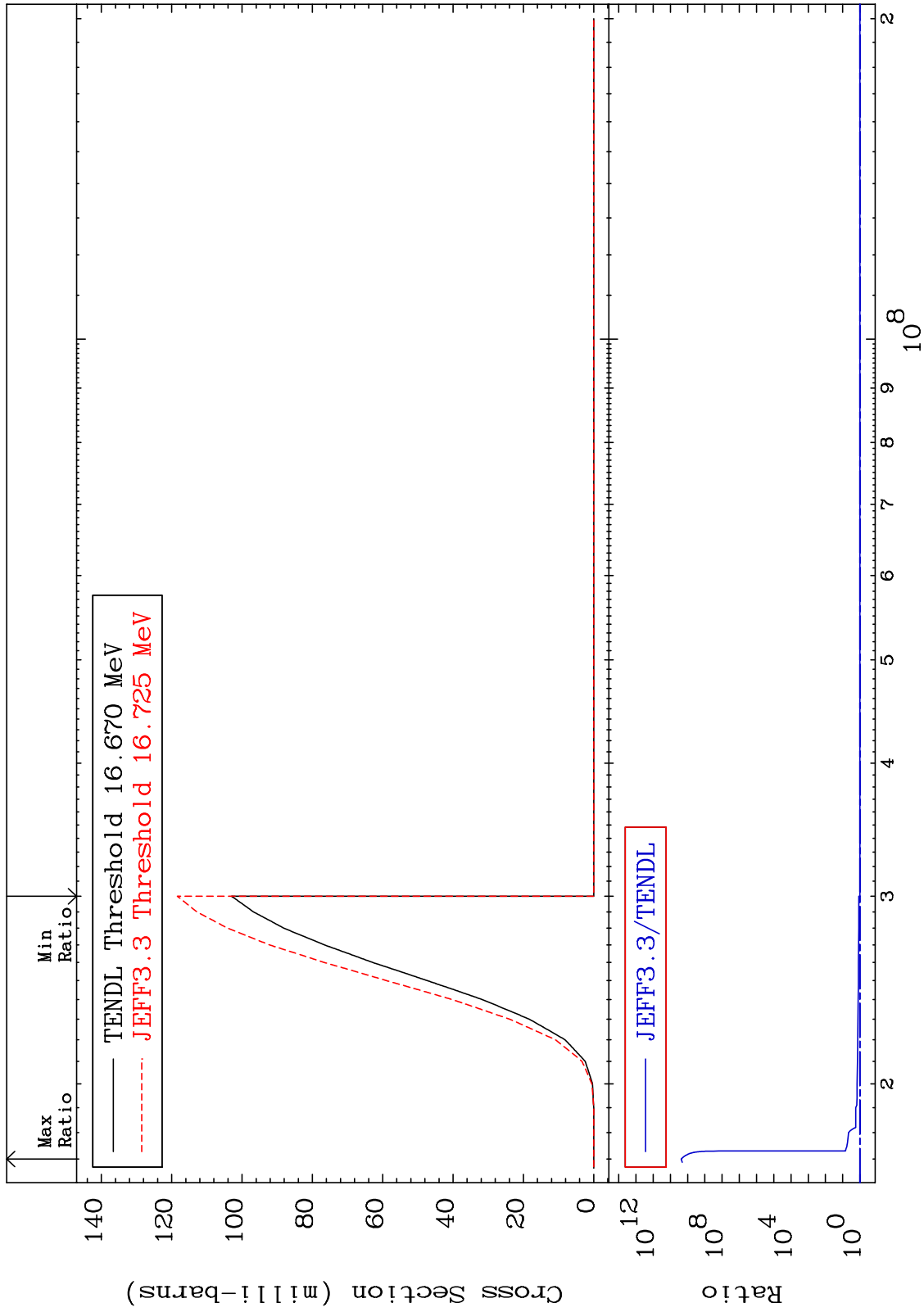
MAT 1625

(n,2n) p

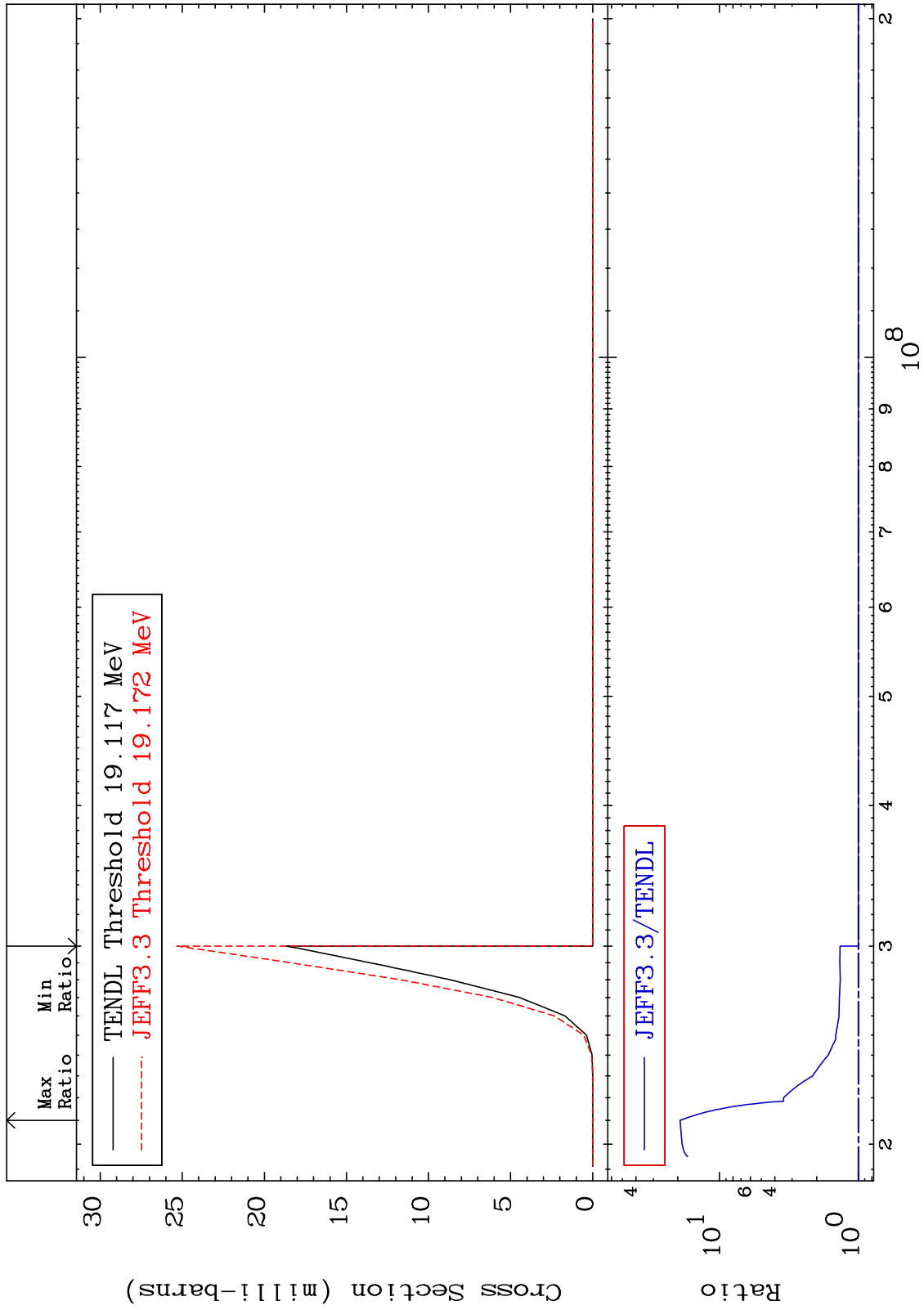
16-S -32

Cross Section

0.000 To 9999. %

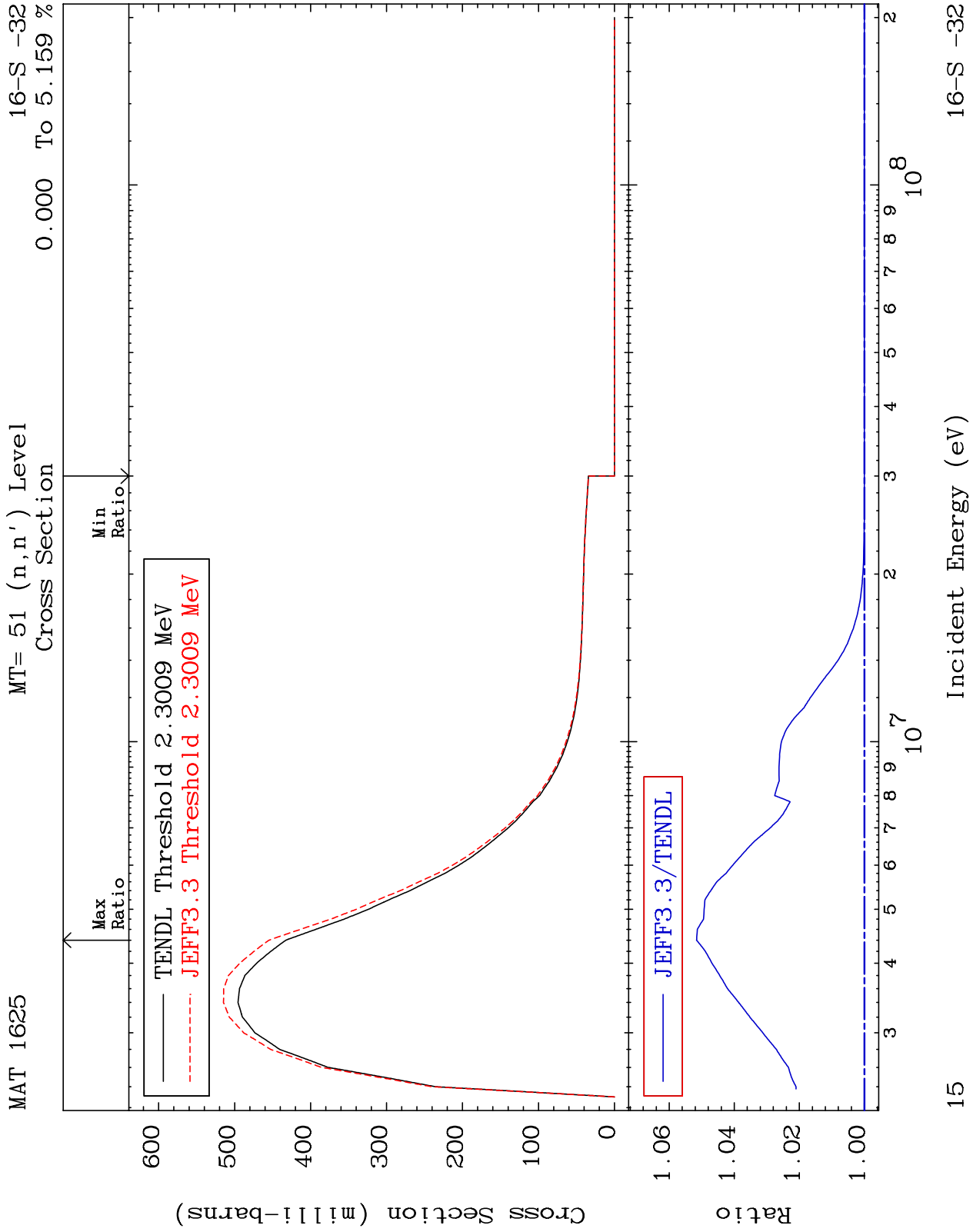


MAT 1625 (n,n') p α 16-S -32
 Cross Section 0.000 To 1825. %

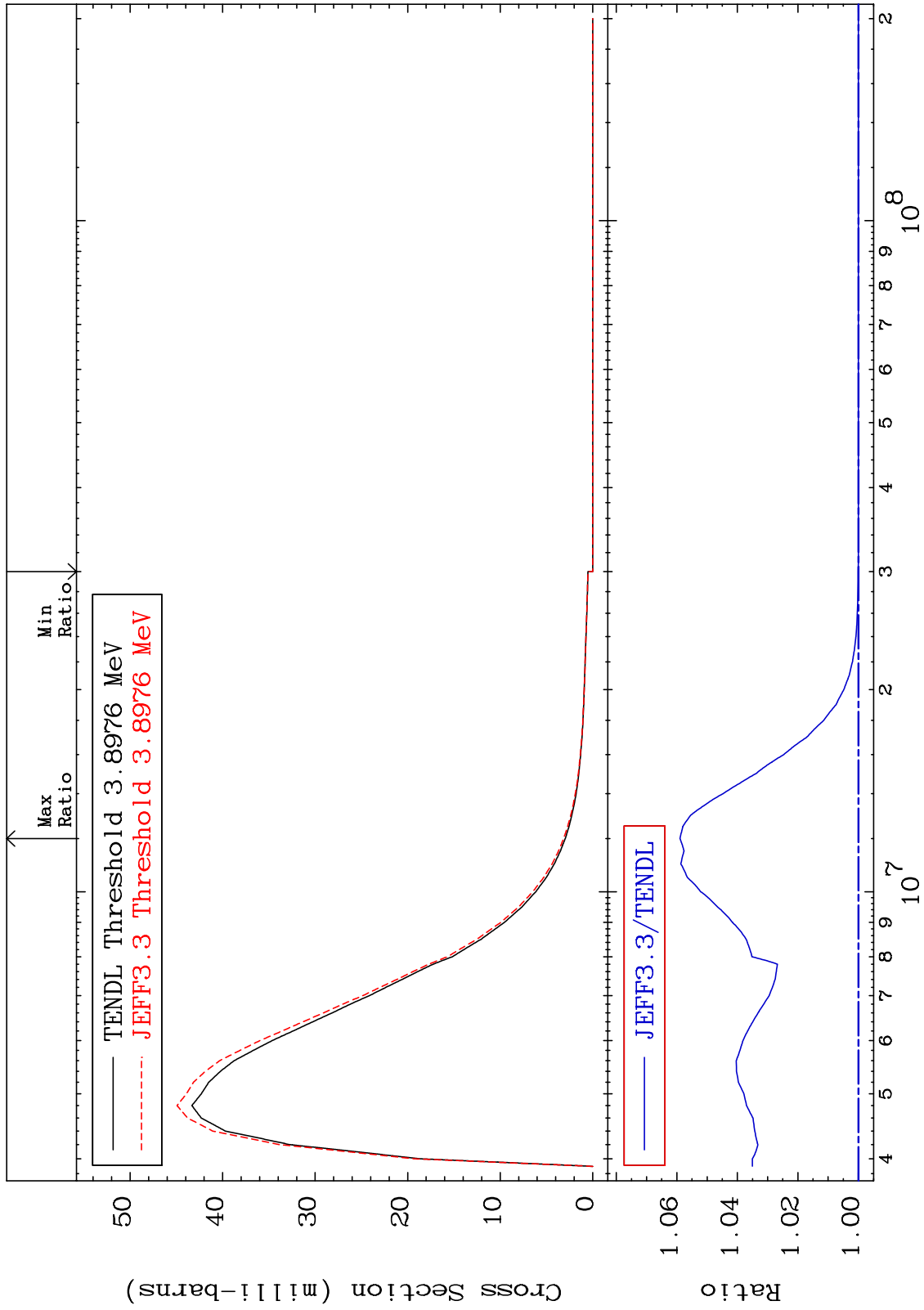


16-S -32

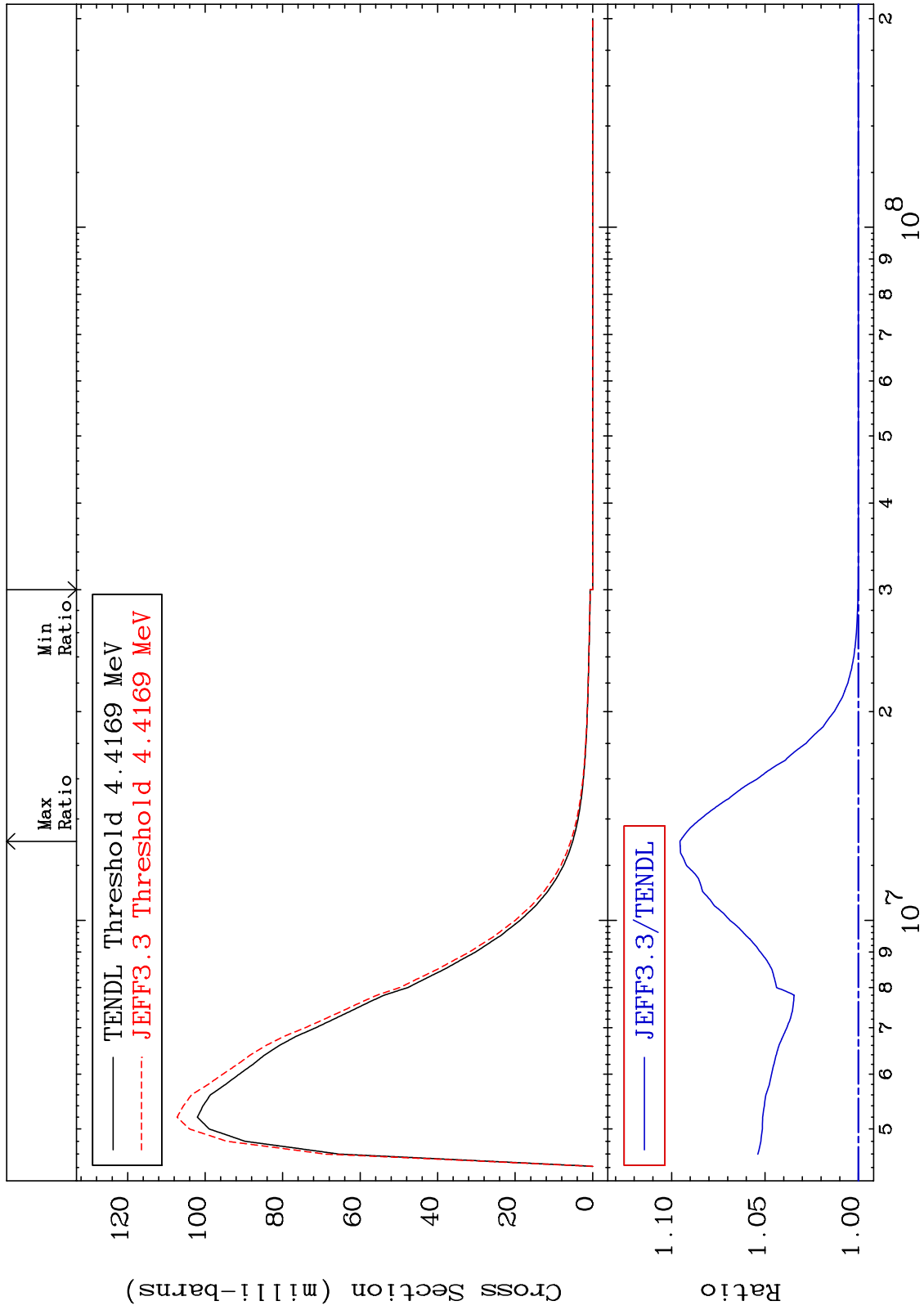
Incident Energy (eV)



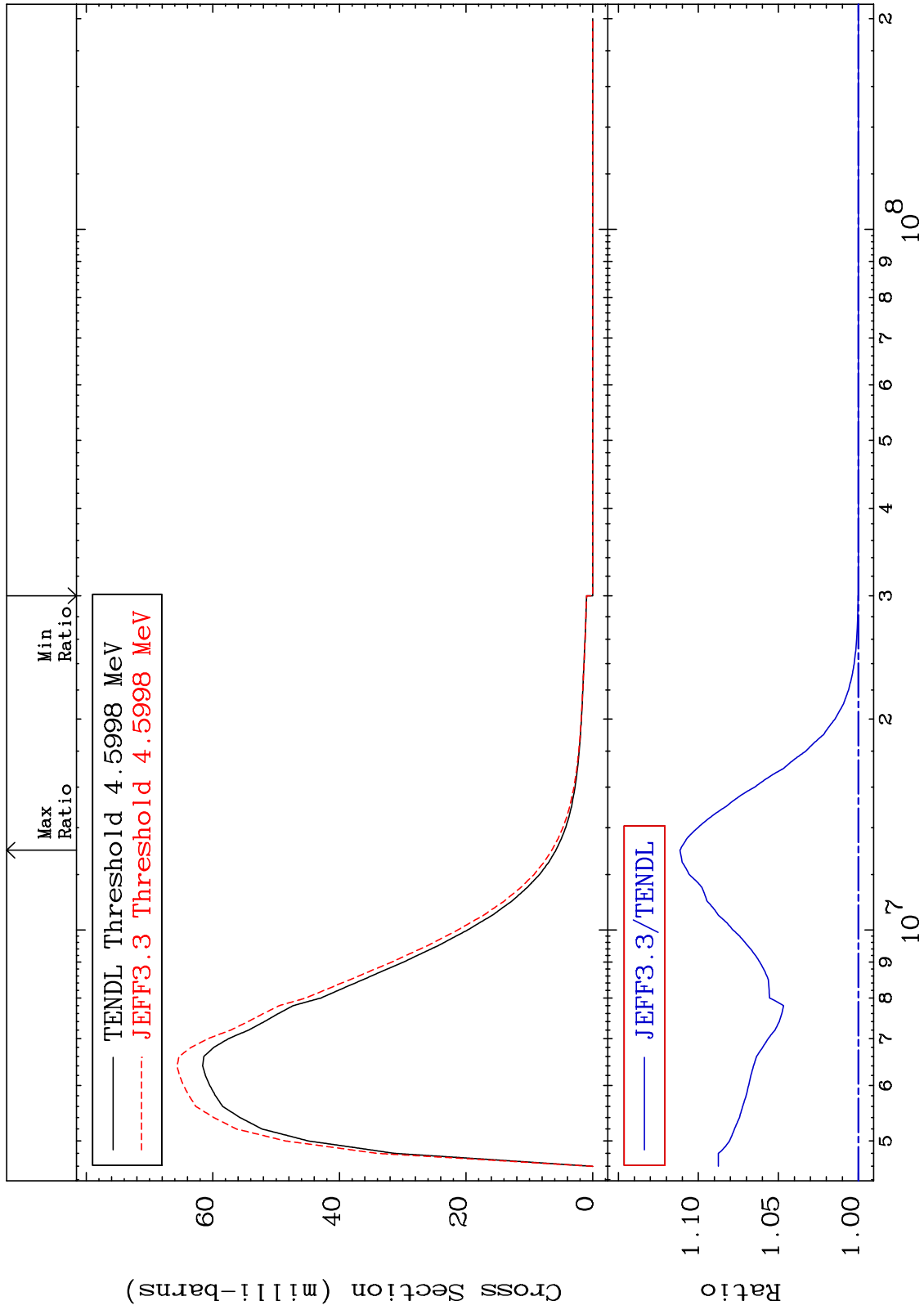
MAT 1625 MT= 52 (n,n') Level Cross Section 16-S -32
0.000 To 5.896 %



MAT 1625 MT= 53 (n, n') Level Cross Section 16-S -32 To 9.549 %

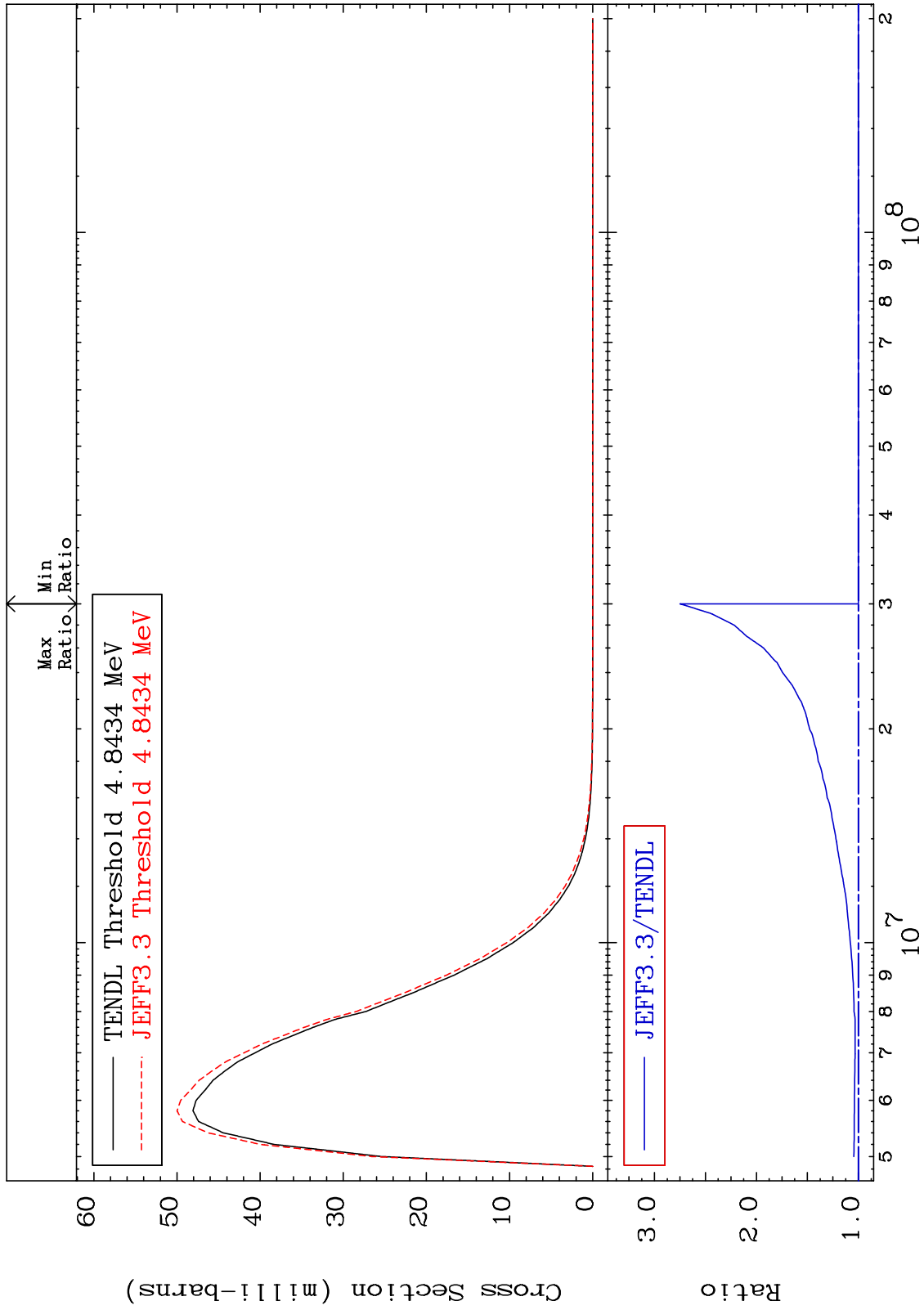


MAT 1625 MT= 54 (n, n') Level Cross Section 16-S -32 To 11.15 %
 0.000

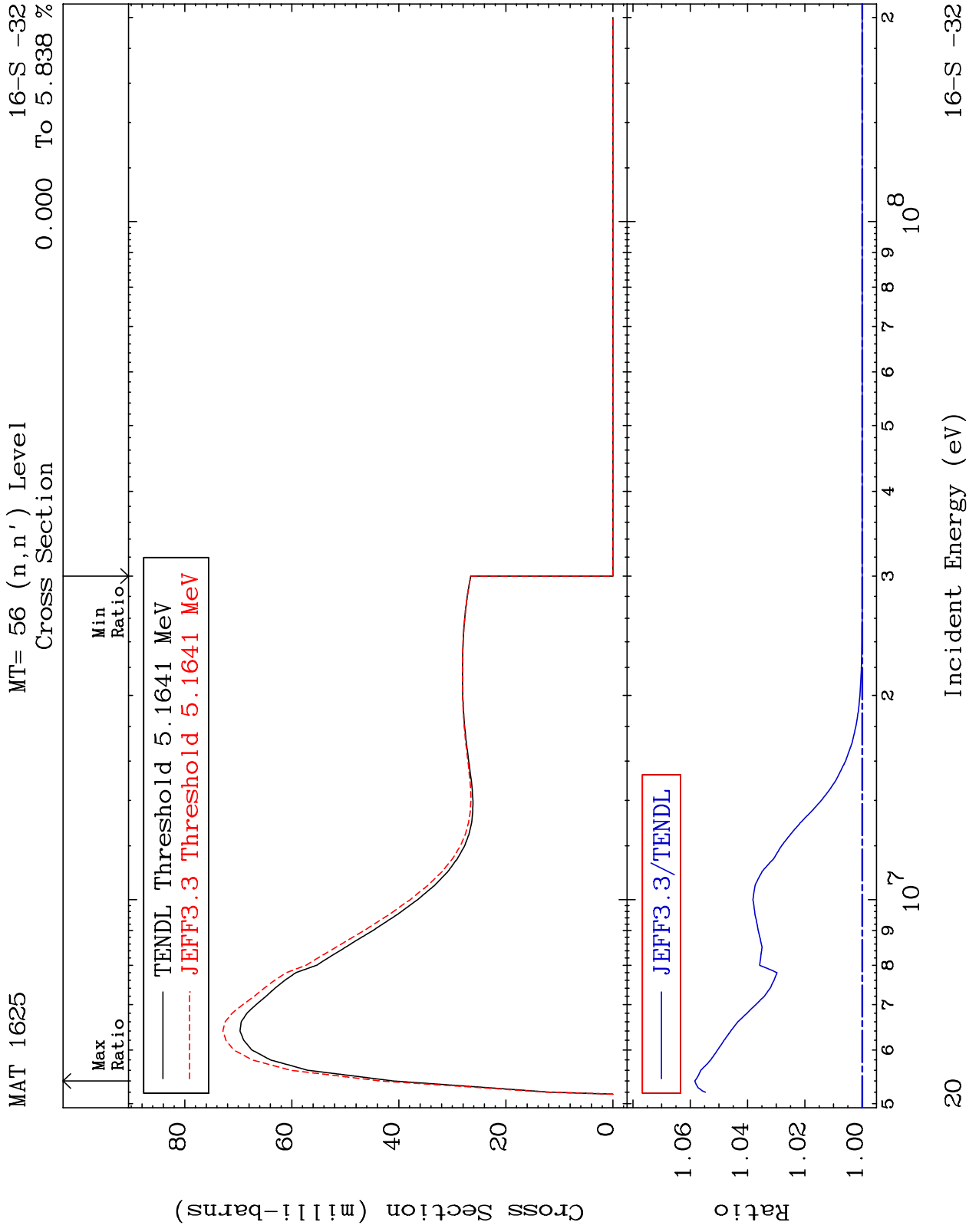


18 Incident Energy (eV) 16-S -32

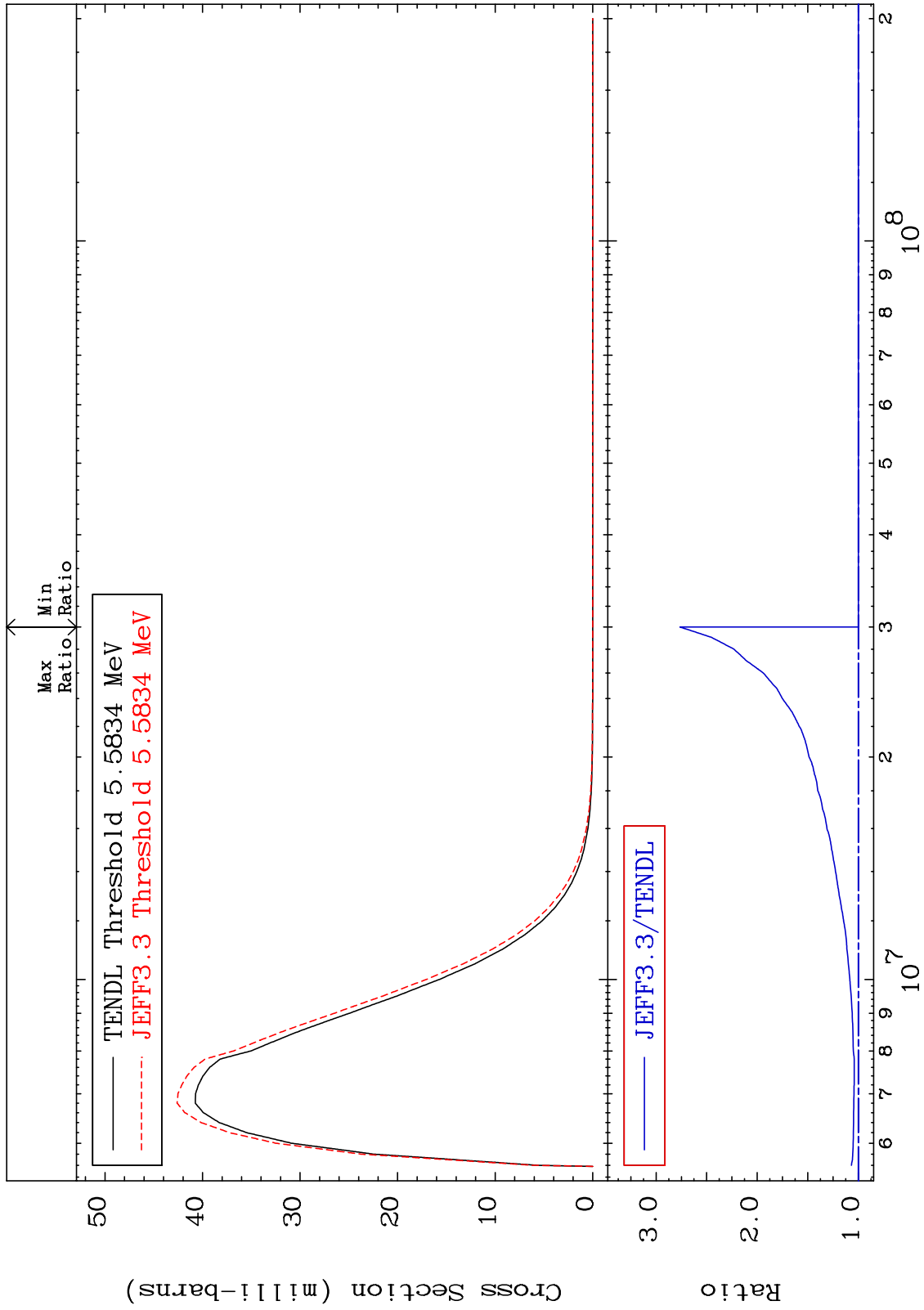
MAT 1625 MT= 55 (n, n') Level Cross Section 16-S -32
 0.000 To 174.9 %



19 Incident Energy (eV) 16-S -32



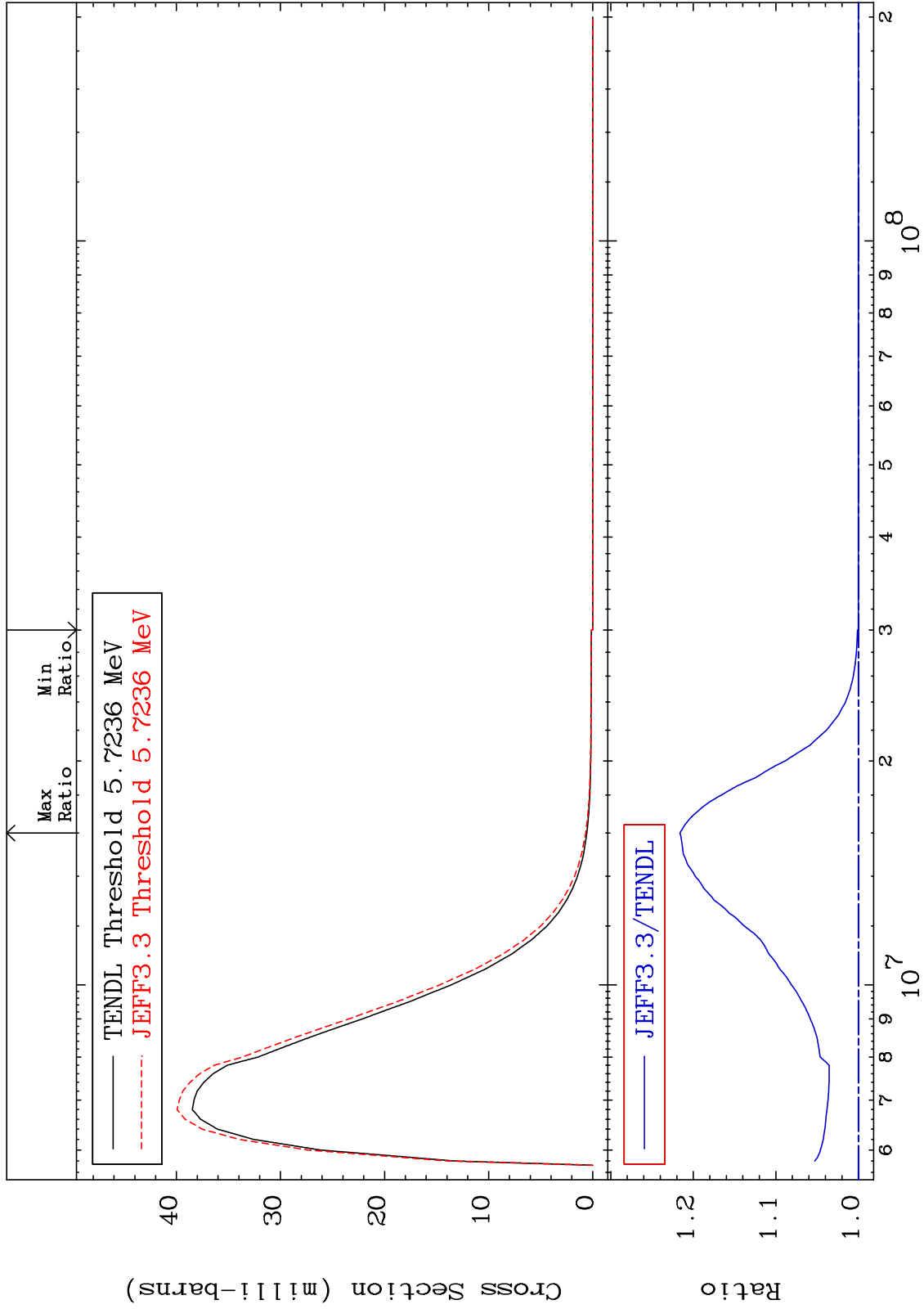
MAT 1625 MT= 57 (n, n') Level Cross Section 16-S -32 To 176.3 %



MAT 1625

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

0.000 To 21.61 %
16-S -32

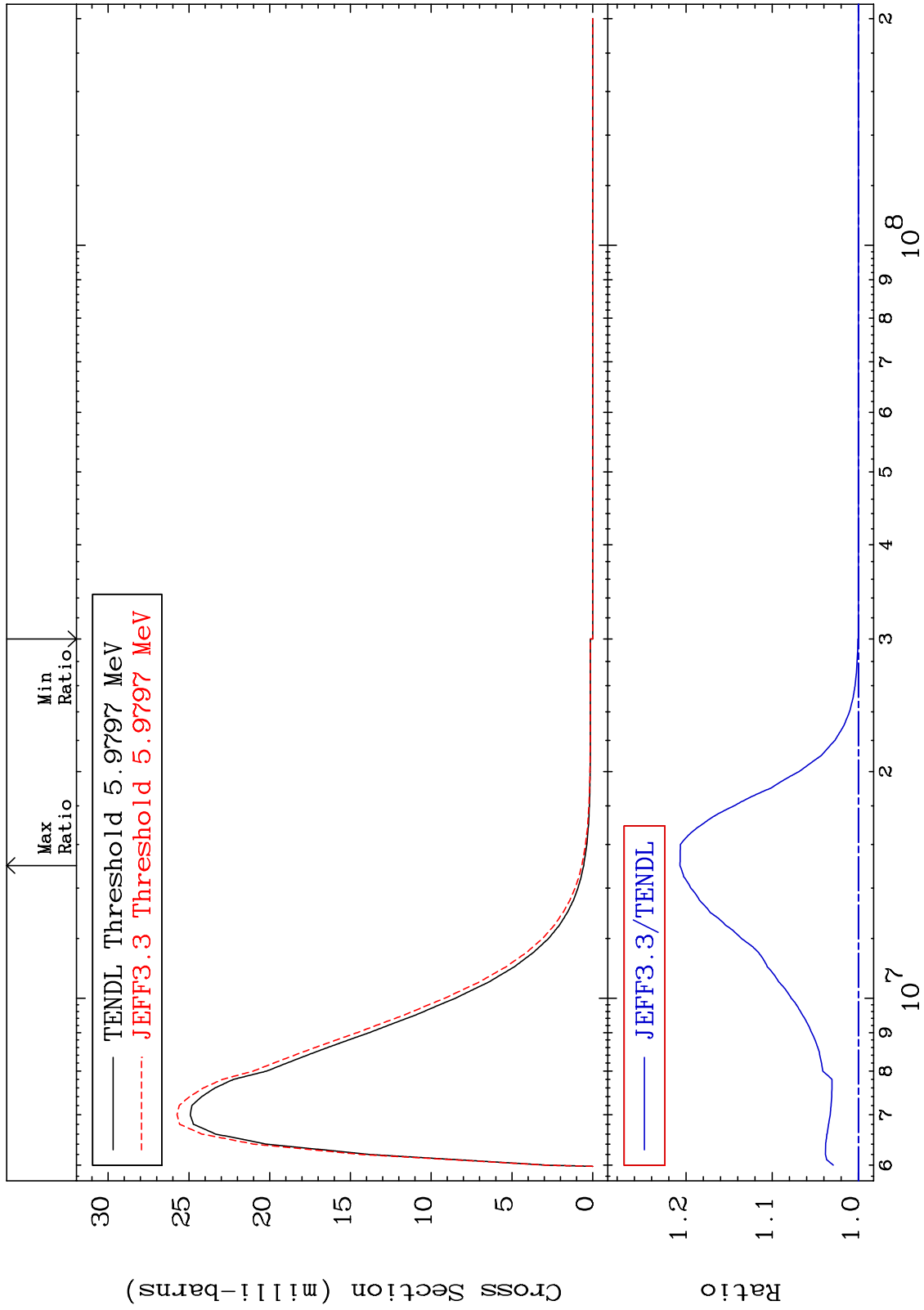


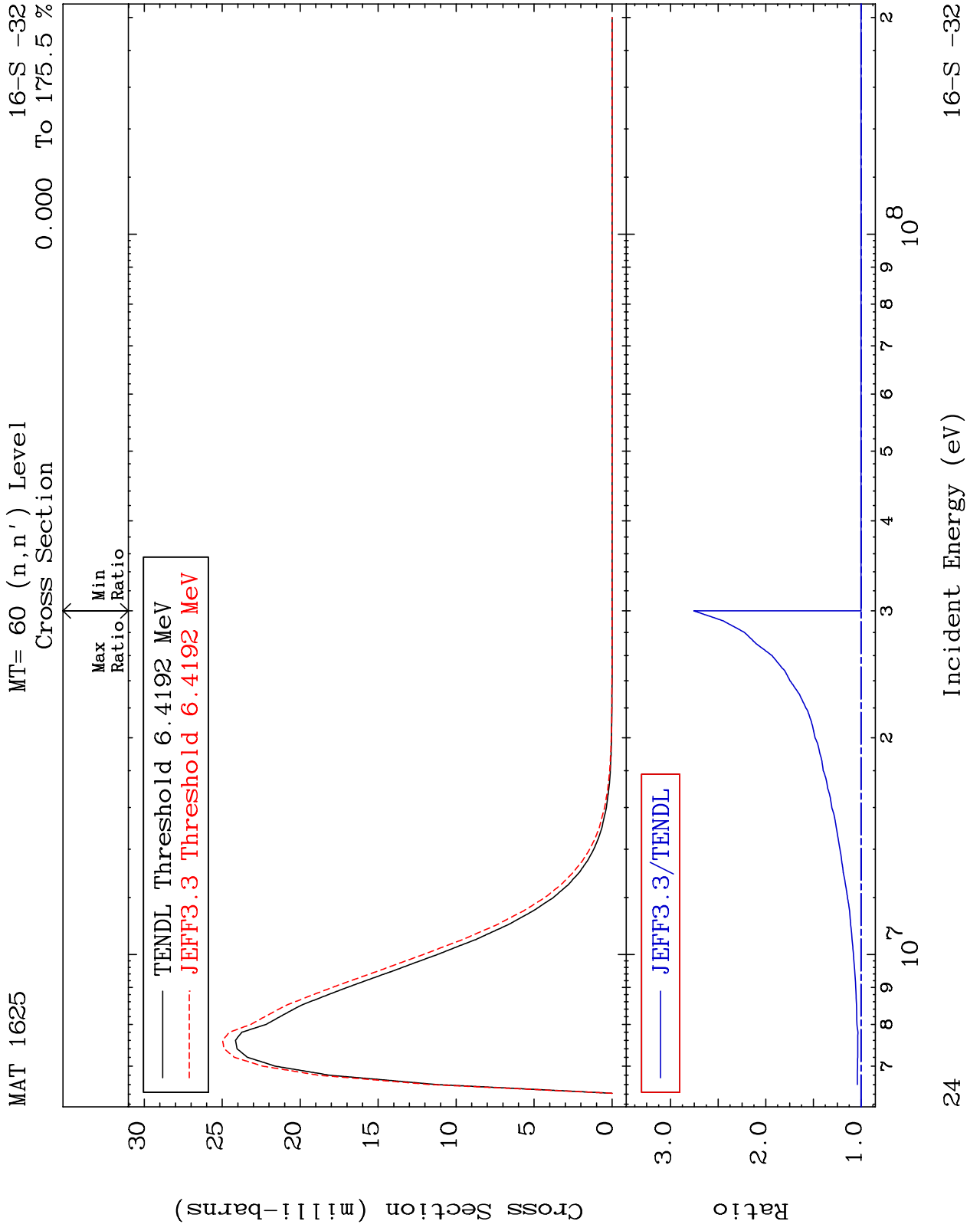
22

Incident Energy (eV)

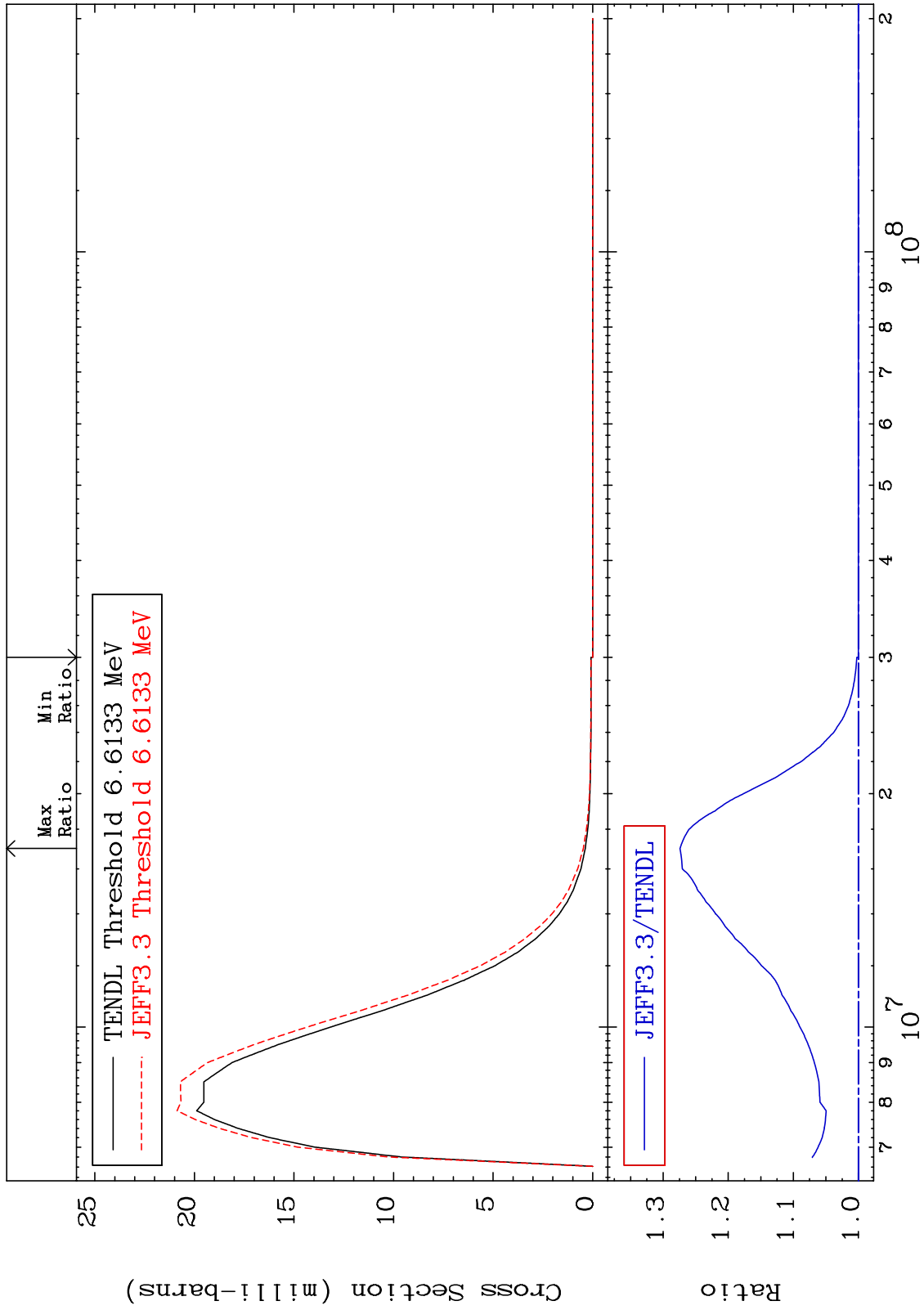
16-S -32

MAT 1625 MT= 59 (n,n') Level Cross Section 0.000 To 20.70 % 16-S -32

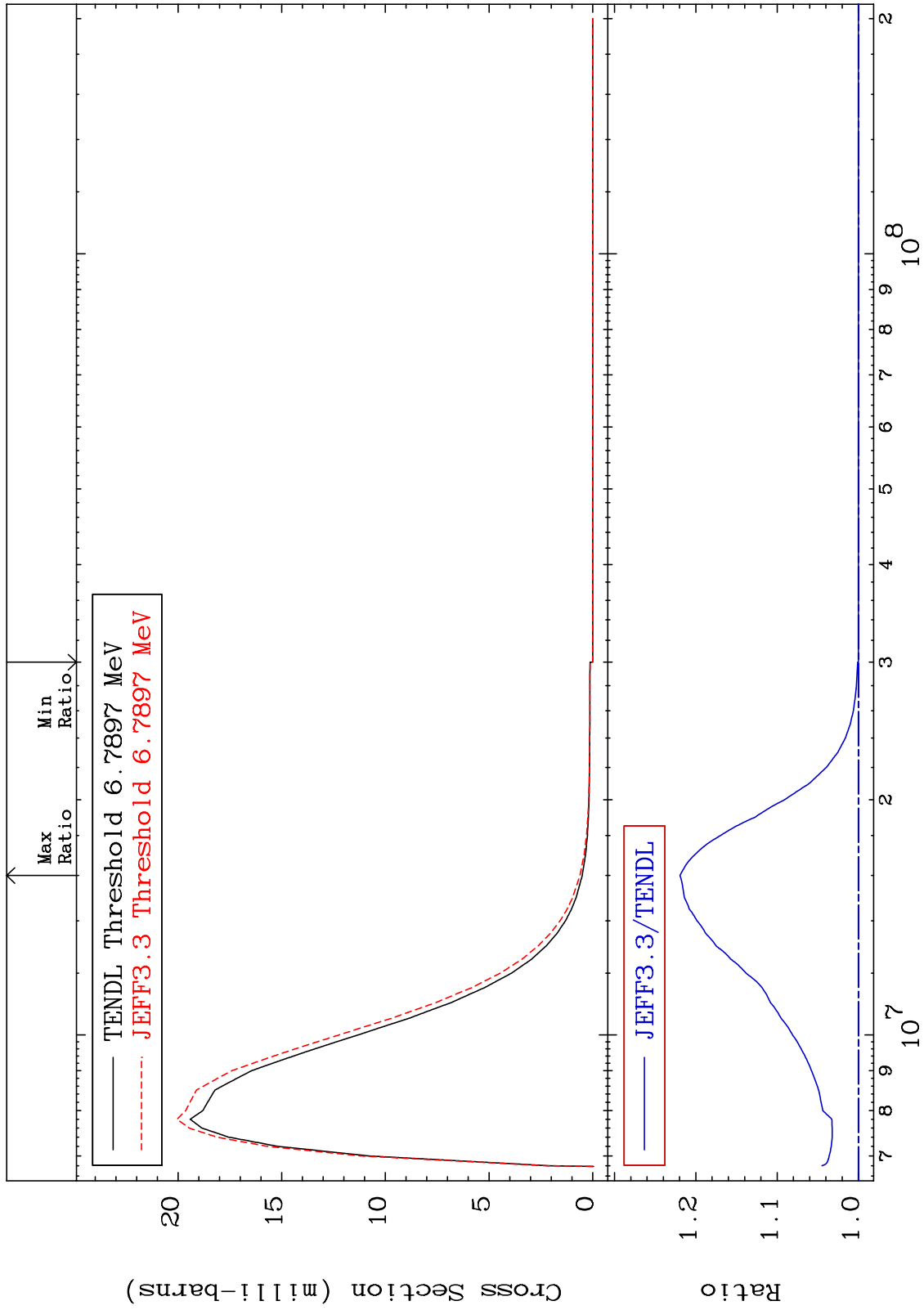




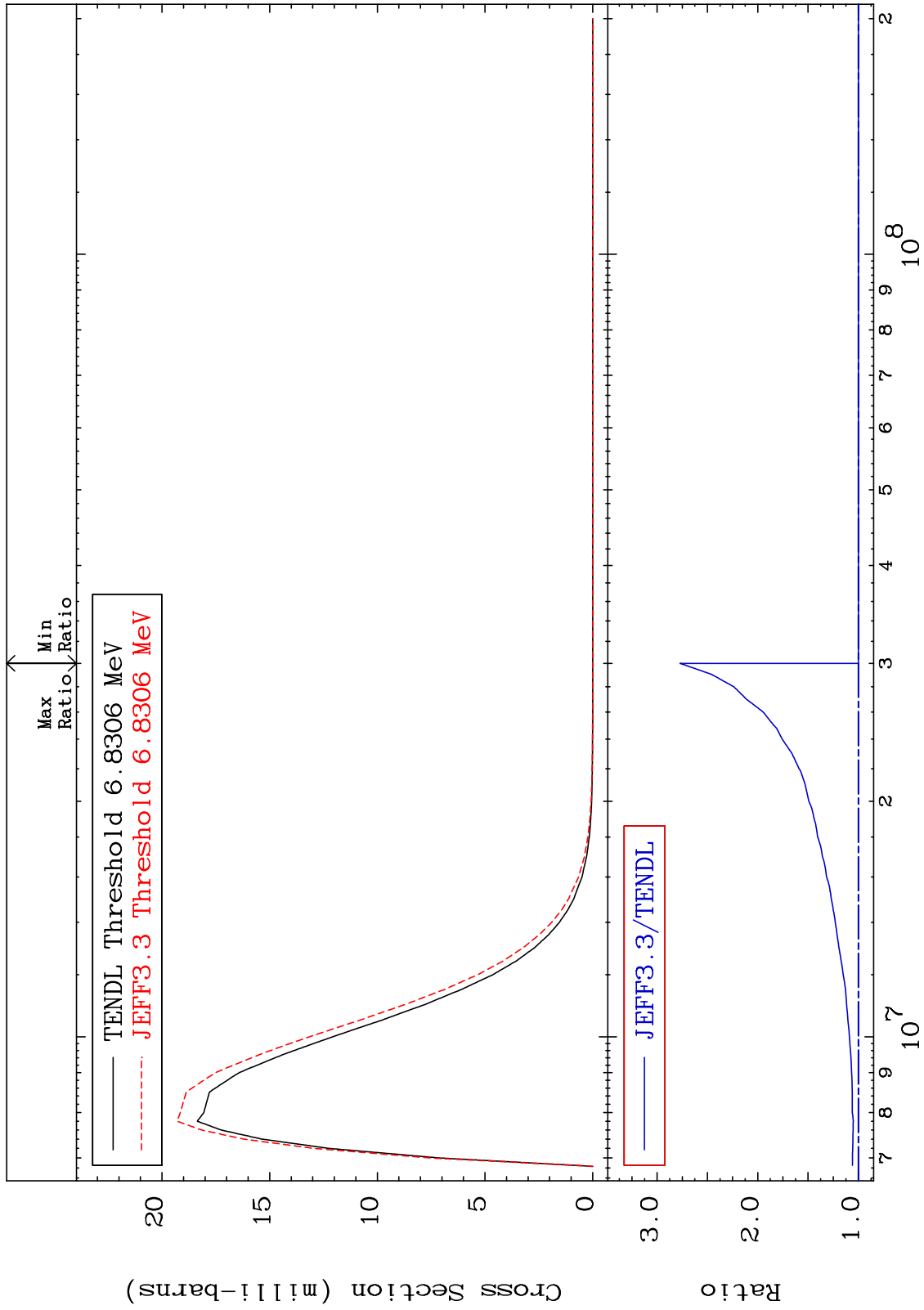
MAT 1625 MT= 61 (n,n') Level Cross Section 16-S -32
 0.000 To 27.41 %



MAT 1625 MT= 62 (n,n') Level Cross Section 0.000 To 21.95 % 16-S -32



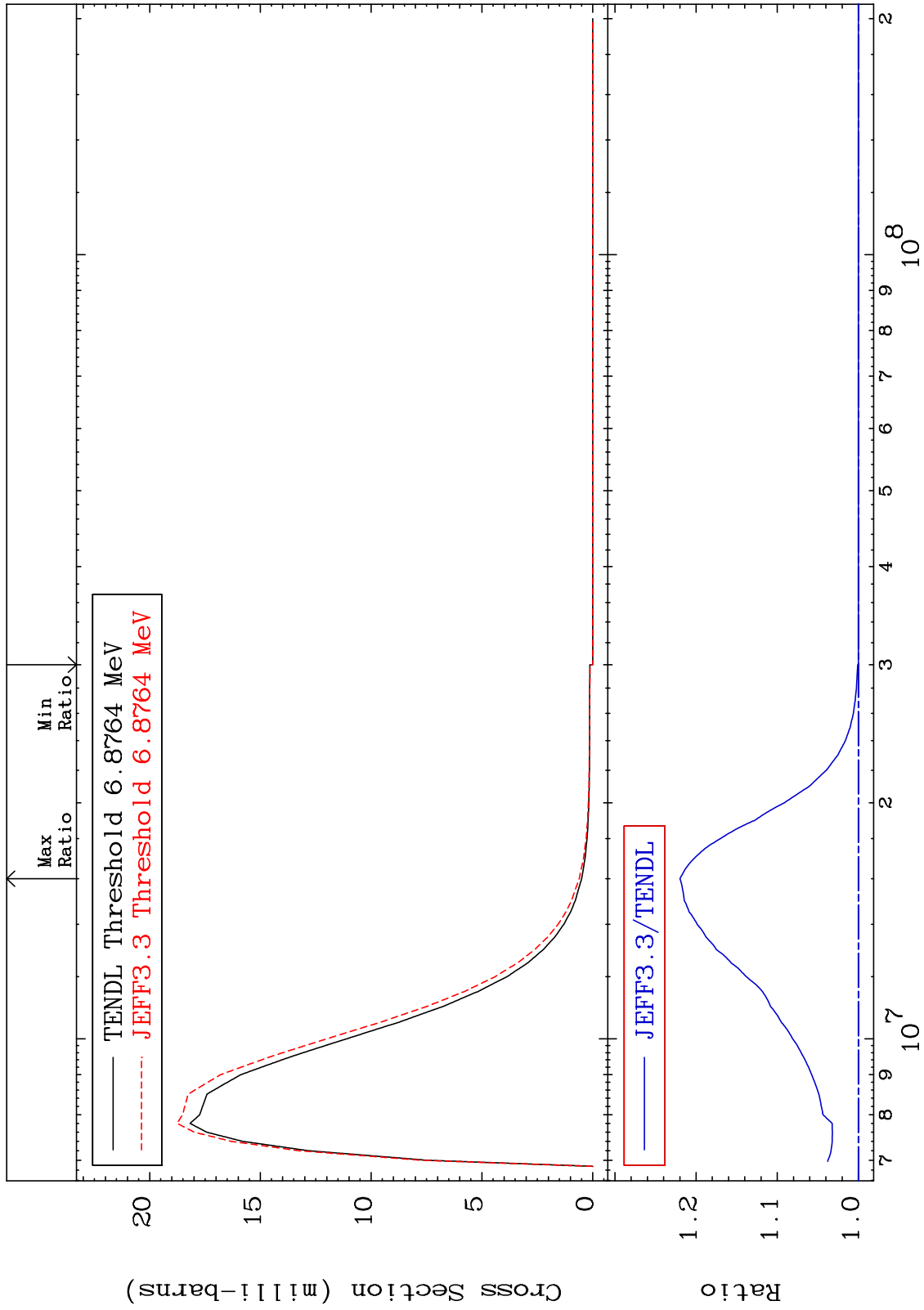
MAT 1625 MT= 63 (n,n') Level Cross Section 16-S -32
 0.000 To 177.2 %



MAT 1625

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

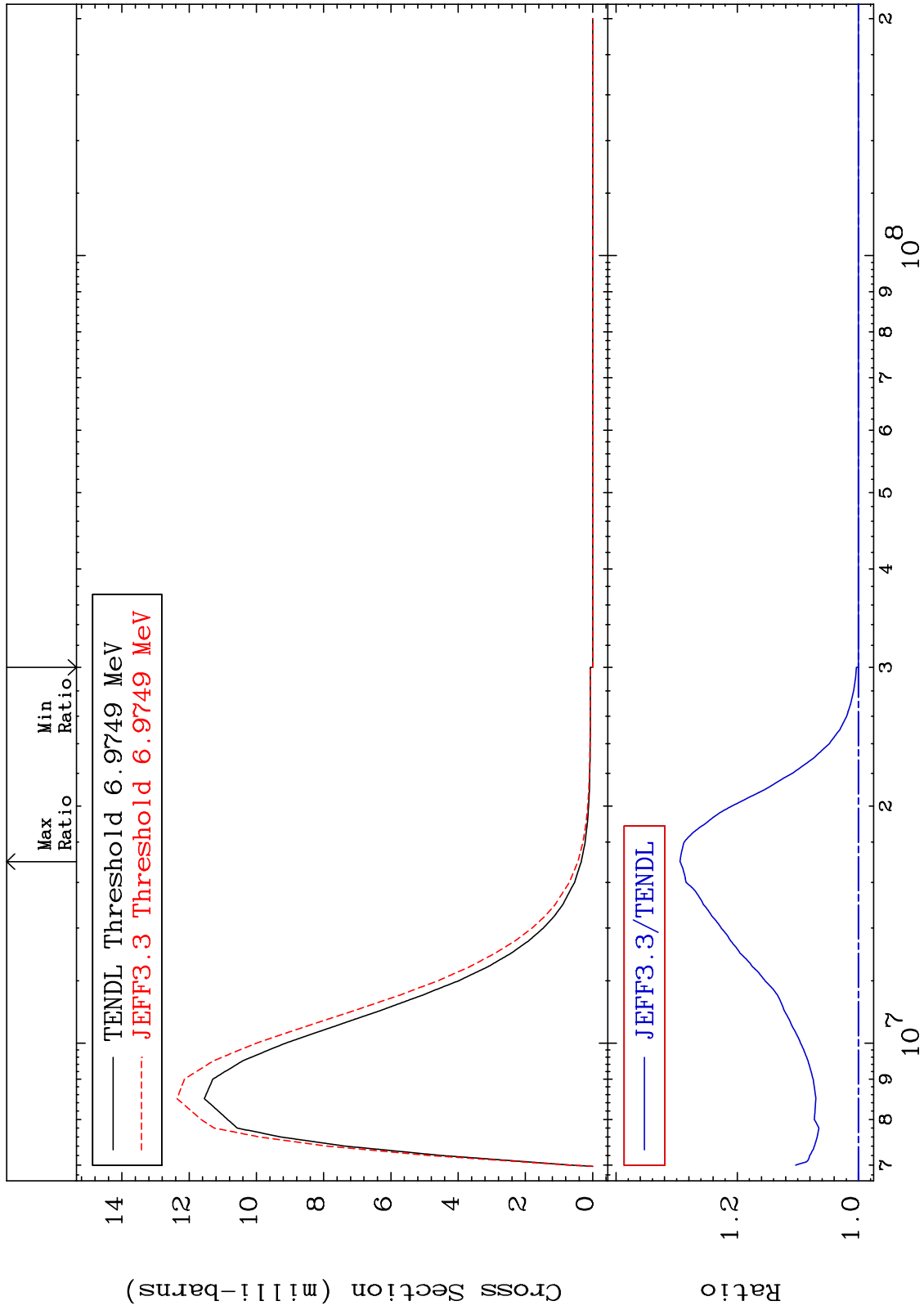
0.000 To 21.98 %
16-S -32



28

16-S -32

MAT 1625 MT= 65 (n,n') Level Cross Section 16-S -32
0.000 To 29.45 %

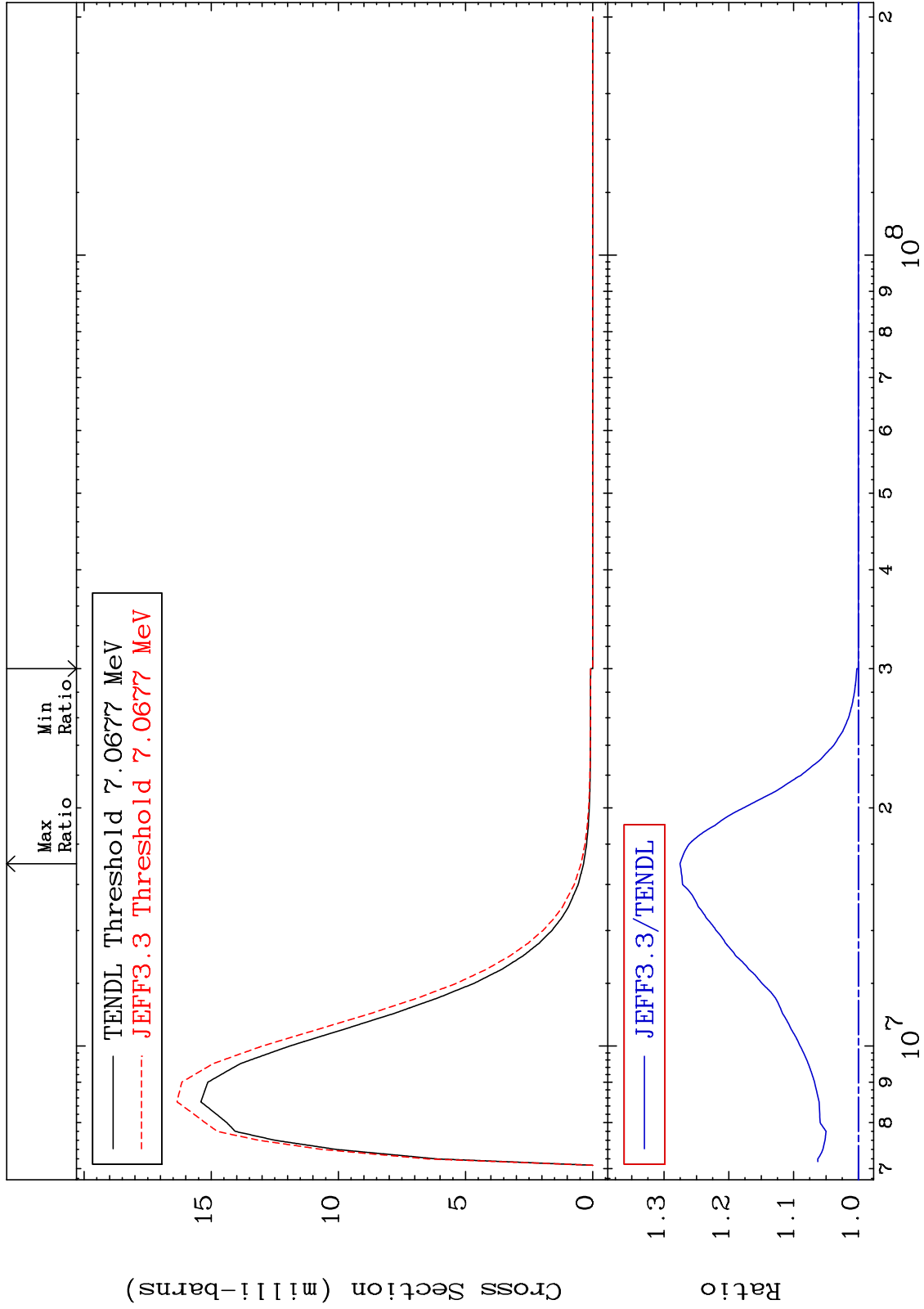


29 Incident Energy (eV) 16-S -32

MAT 1625

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

16-S -32
0.000 To 27.54 %

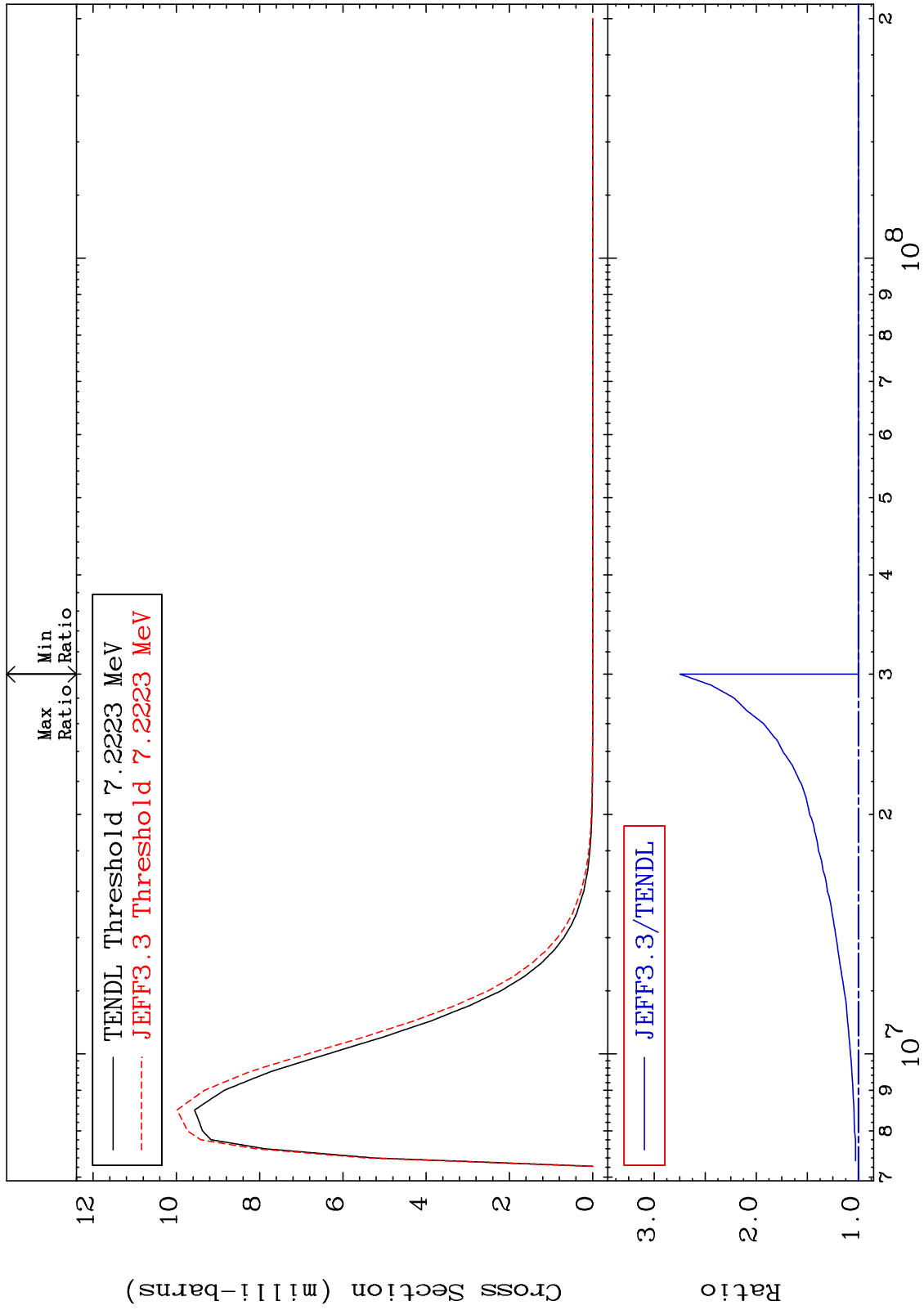


30

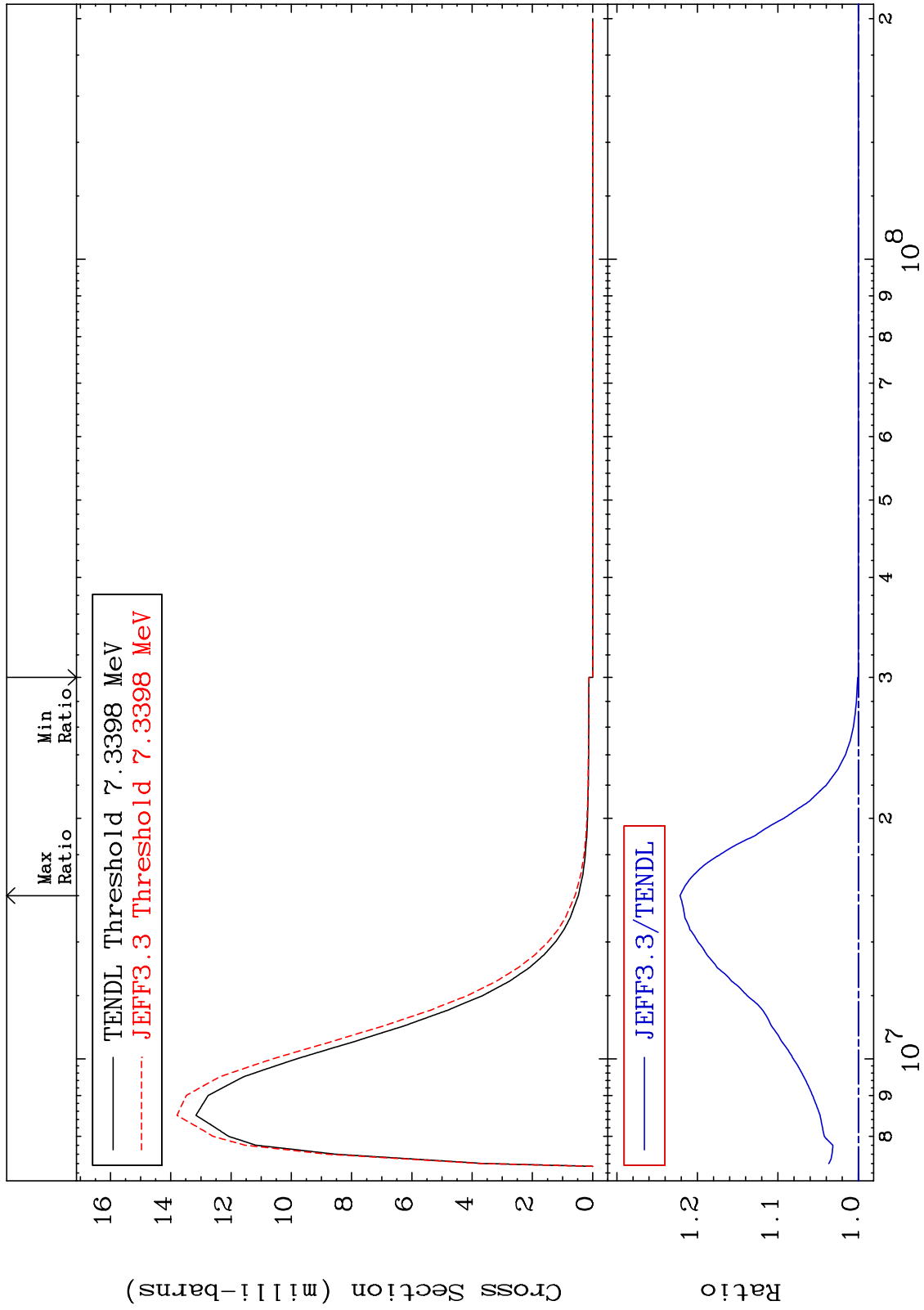
Incident Energy (eV)

16-S -32

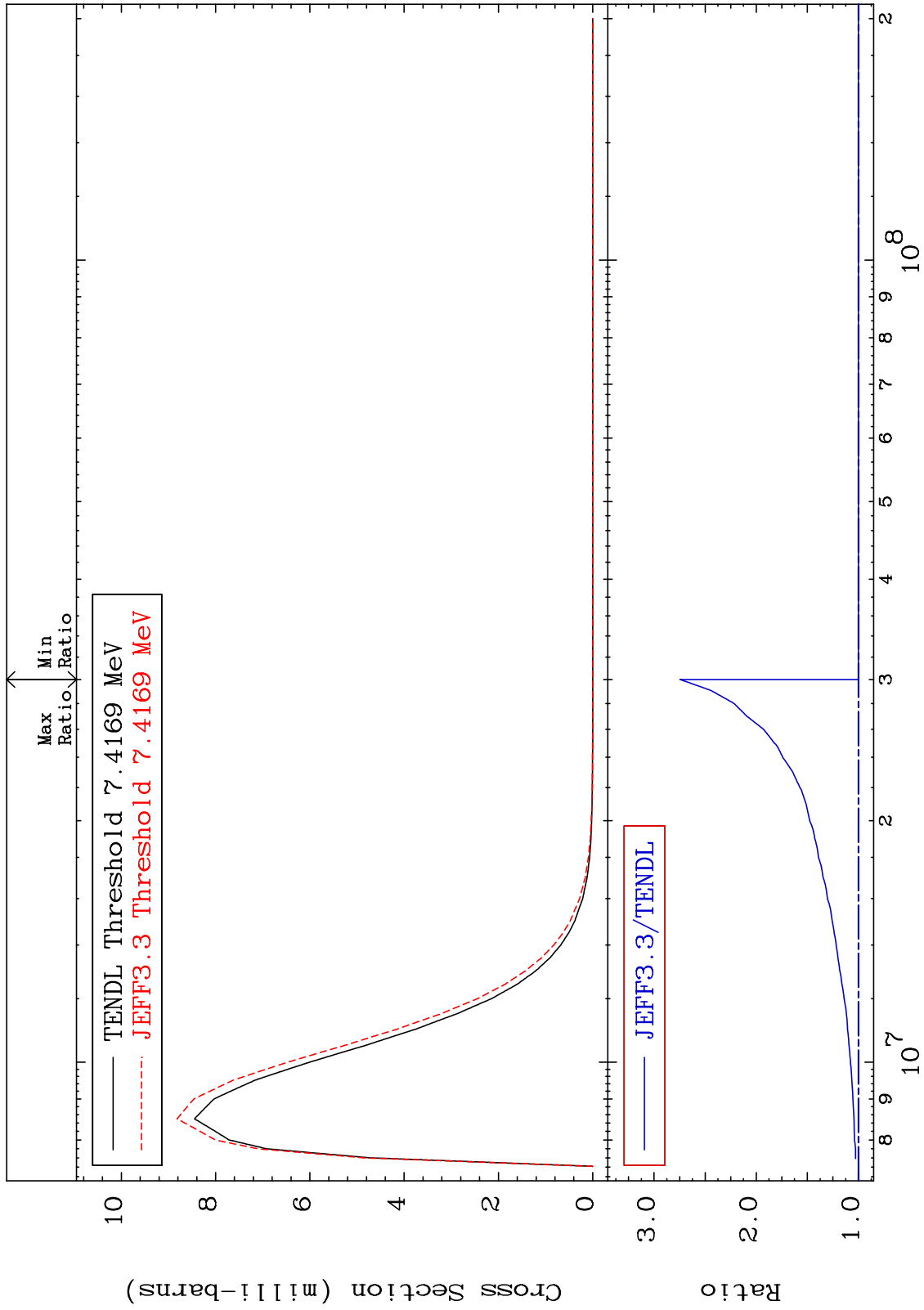
MAT 1625 MT= 67 (n,n') Level Cross Section 0.000 To 174.7 % 16-S -32



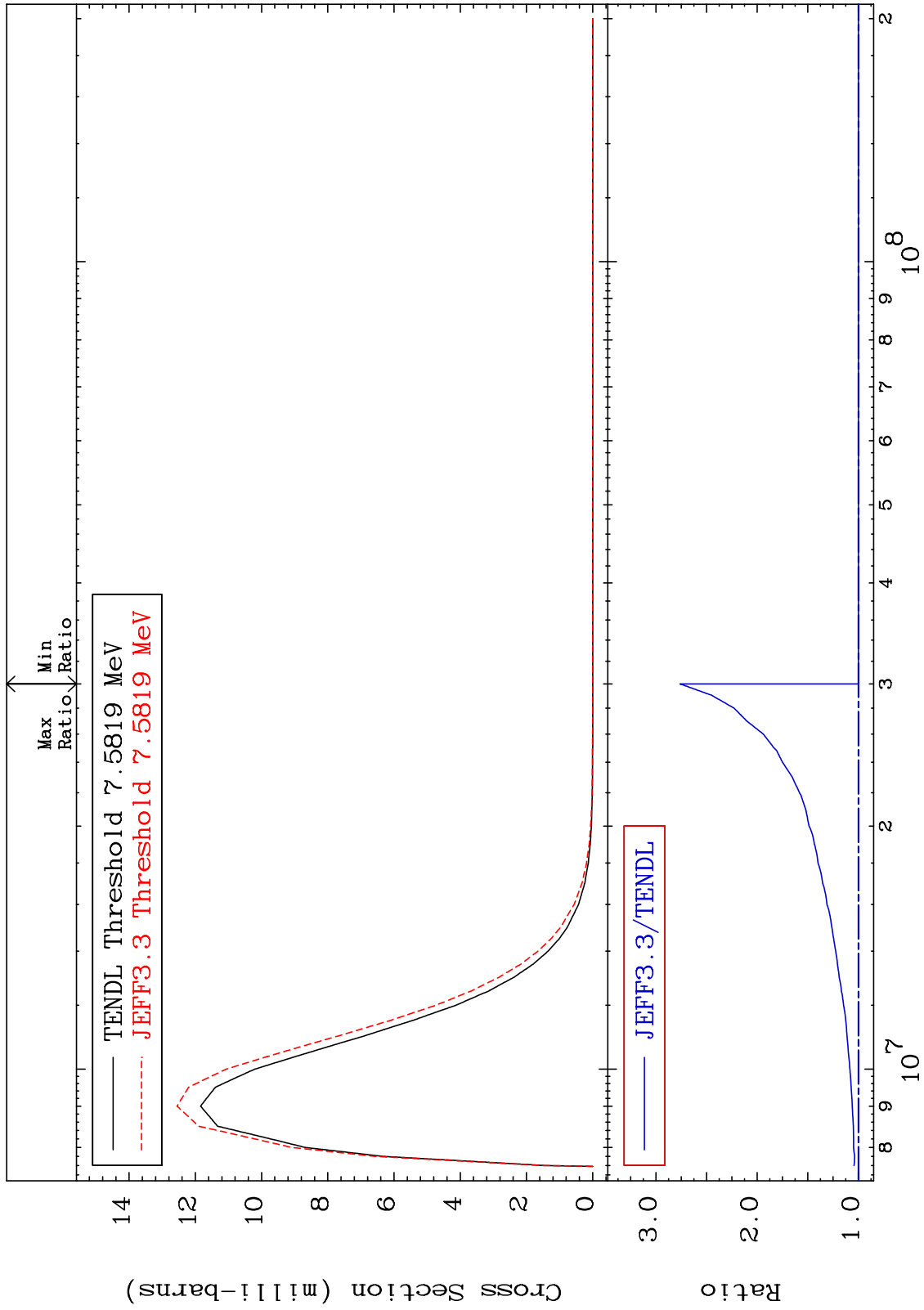
MAT 1625 MT= 68 (n,n') Level Cross Section 16-S -32
 0.000 To 22.15 %



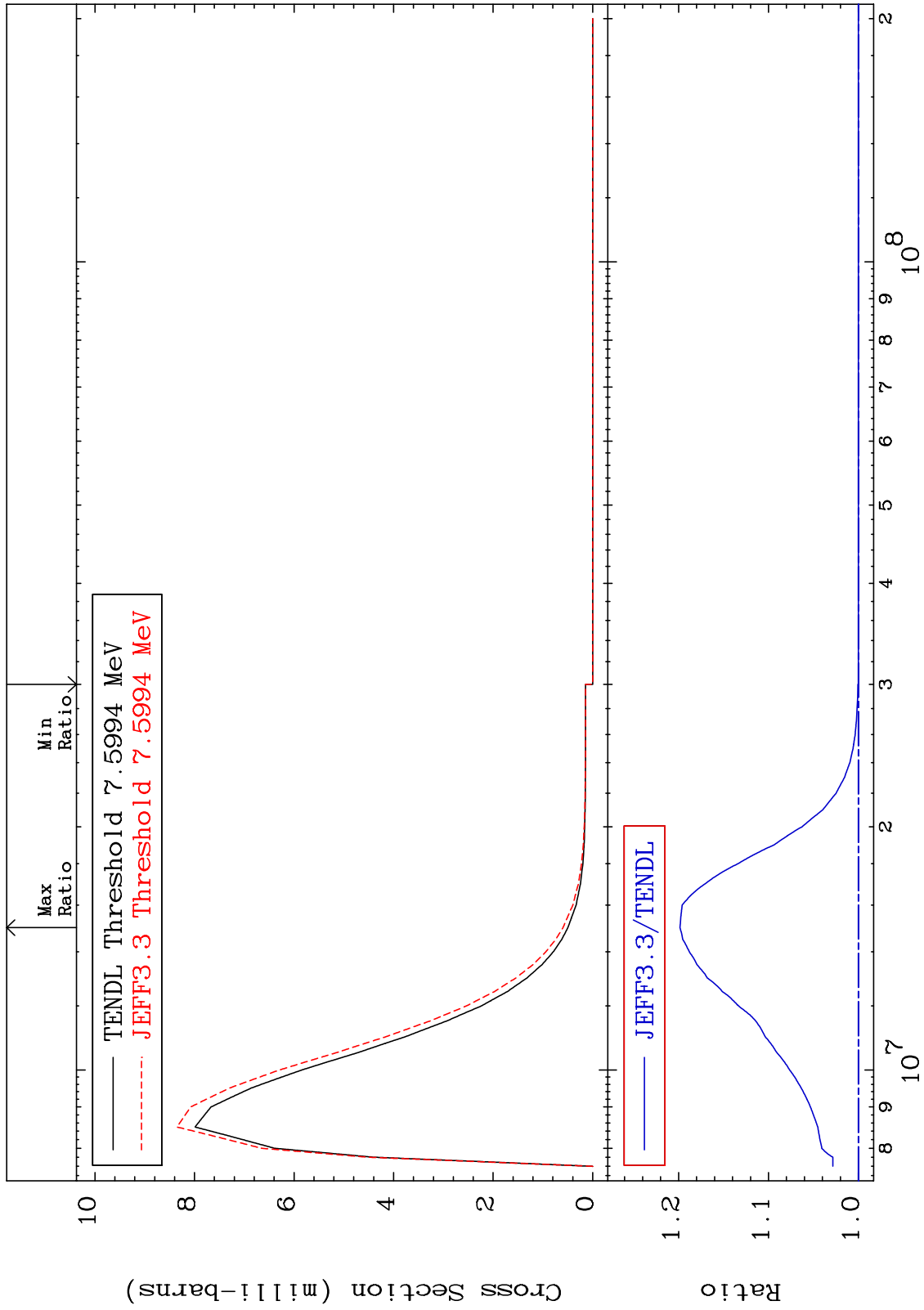
MAT 1625 MT= 69 (n,n') Level Cross Section 16-S -32 To 174.6 %



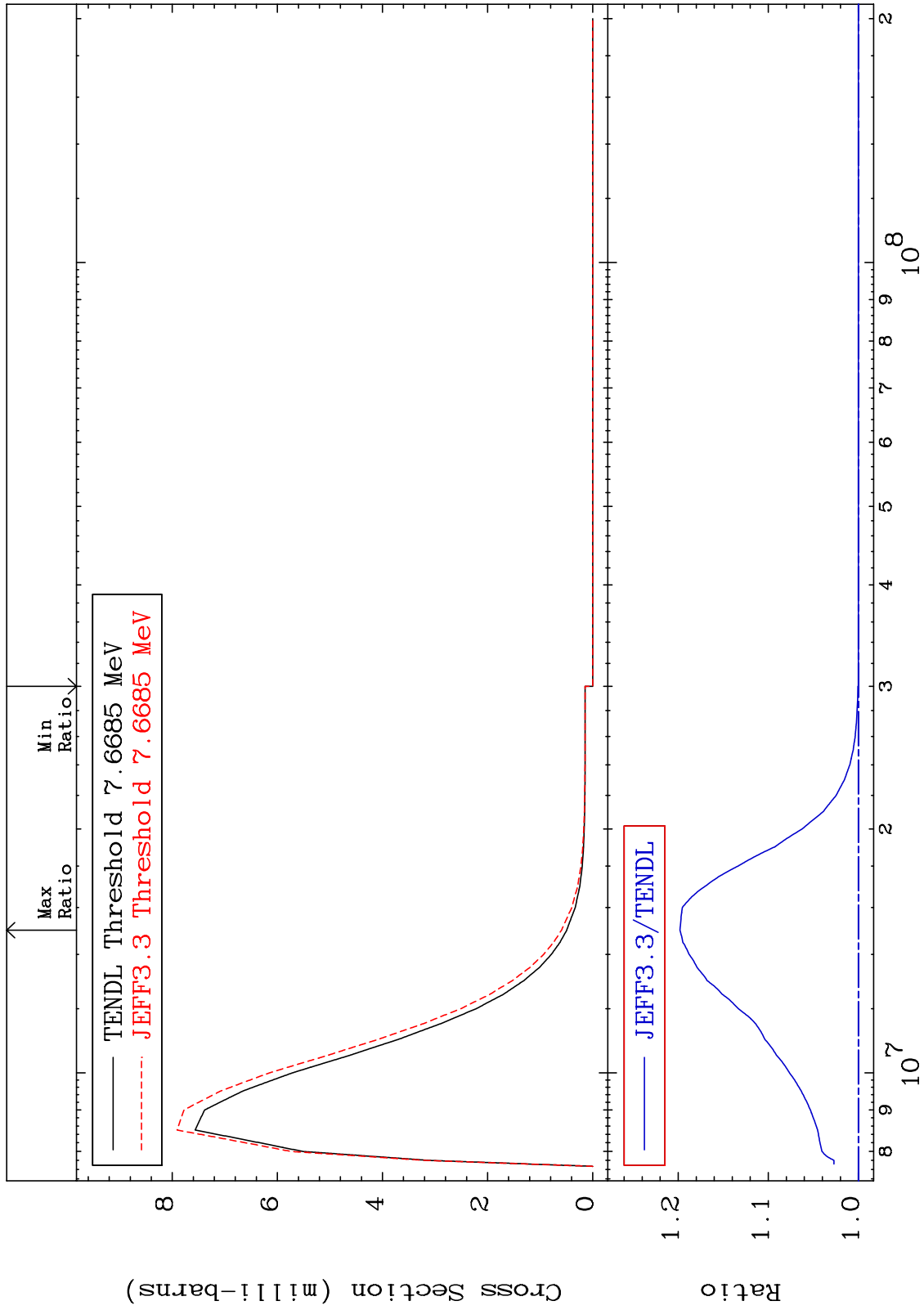
MAT 1625 MT= 70 (n,n') Level Cross Section 16-S -32 To 176.2 %



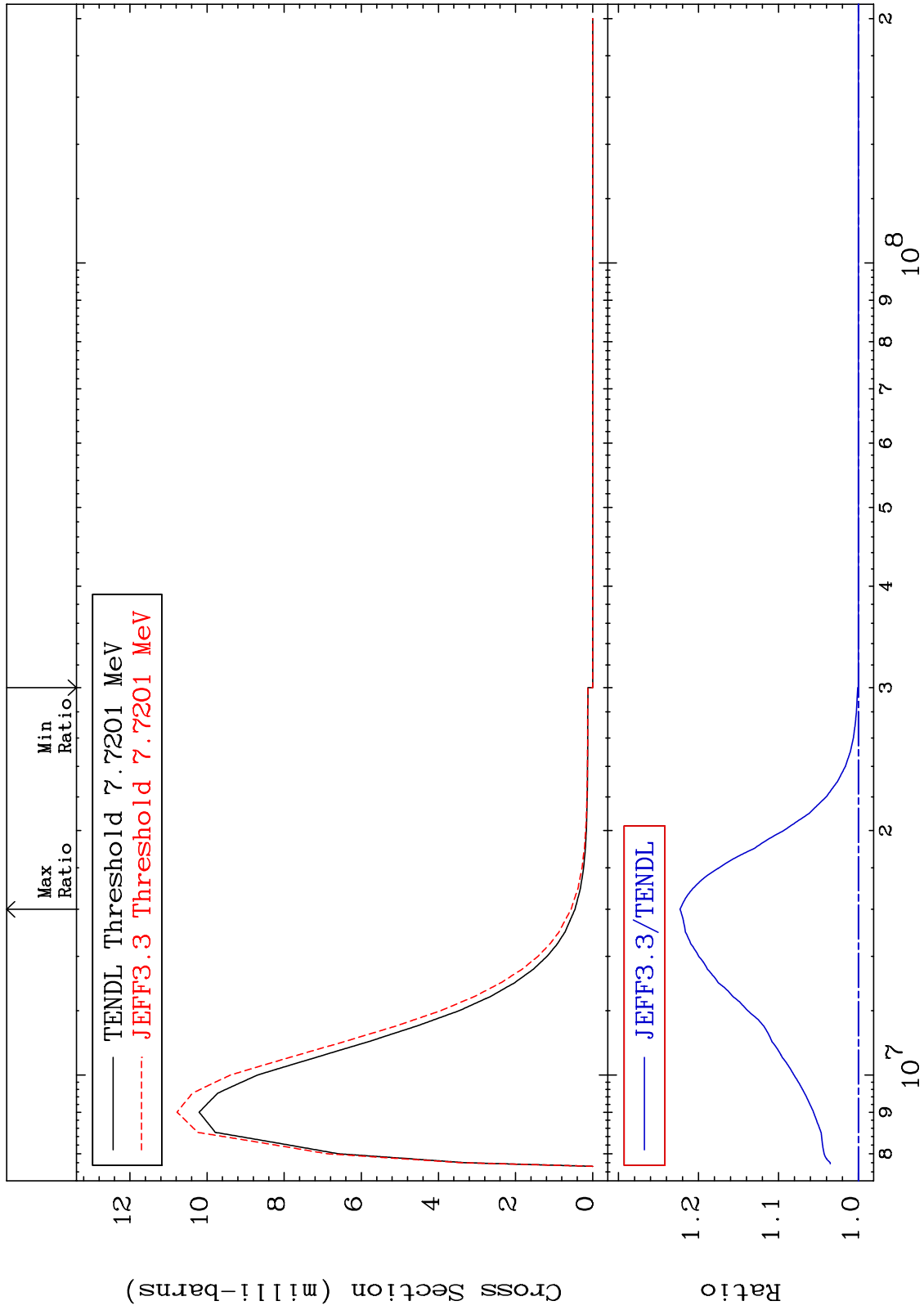
MAT 1625 MT= 71 (n,n') Level Cross Section 16-S -32 To 19.84 %



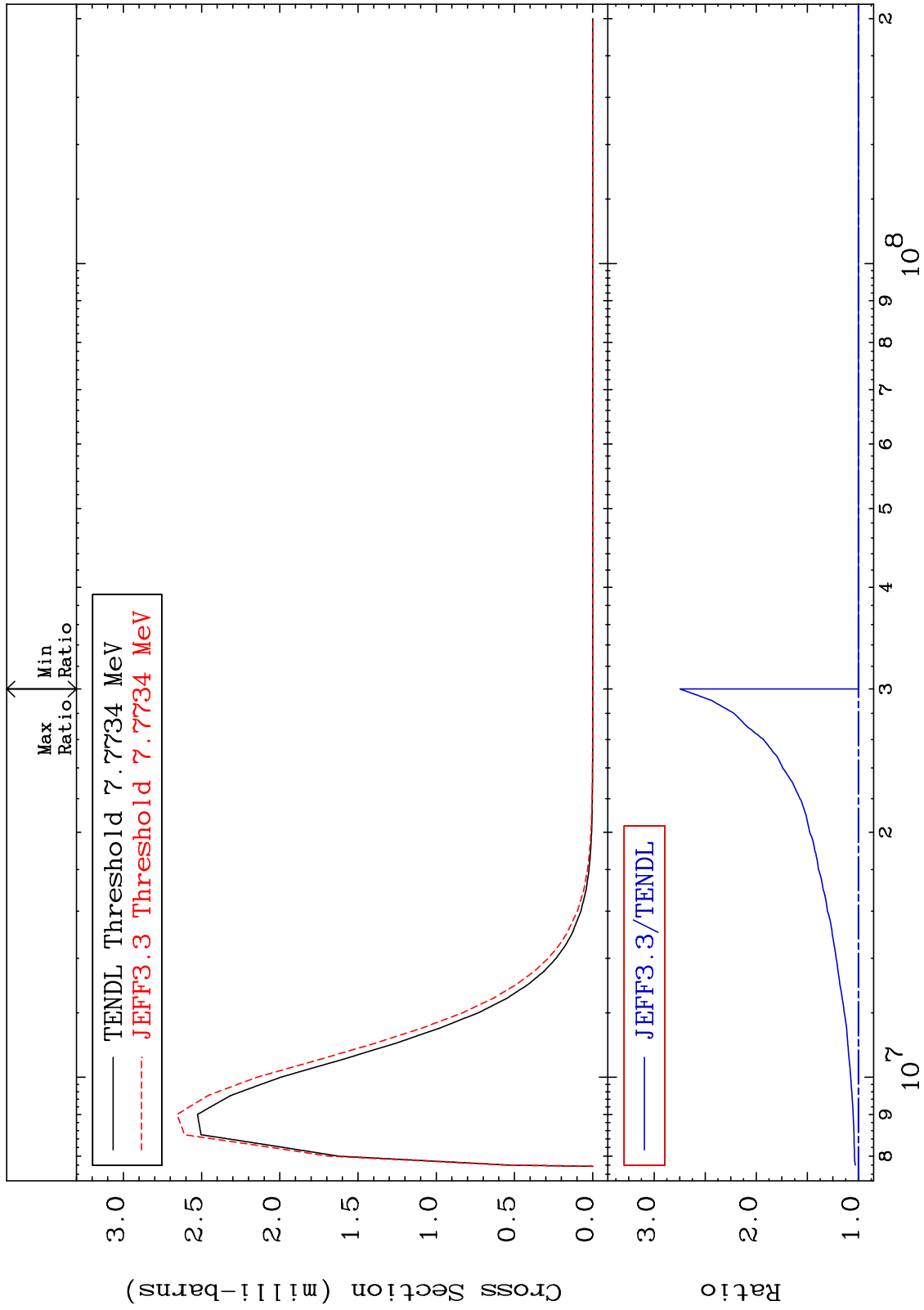
MAT 1625 MT= 72 (n,n') Level Cross Section 16-S -32 To 19.80 %



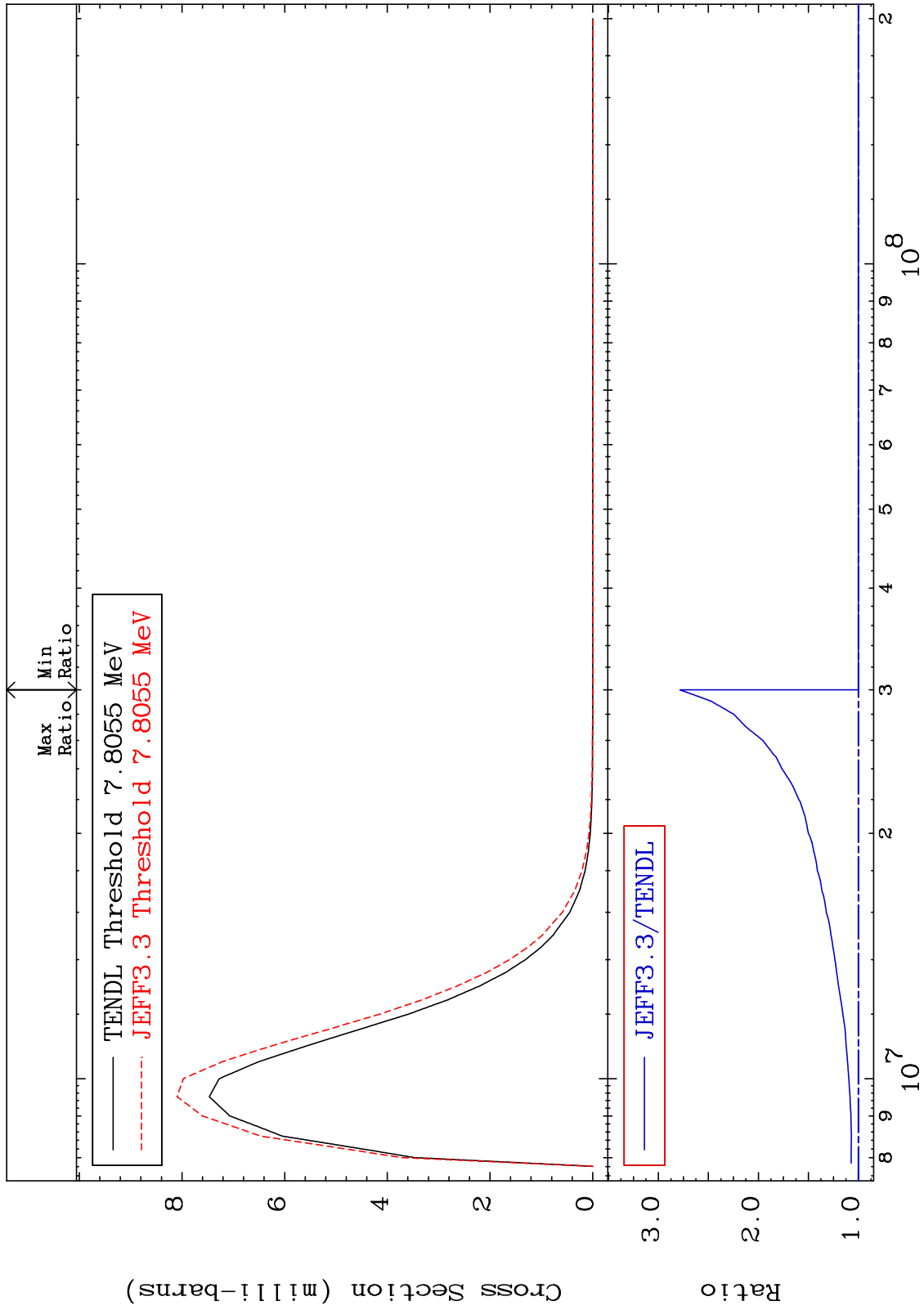
MAT 1625 MT= 73 (n,n') Level Cross Section 16-S -32
0.000 To 22.31 %



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

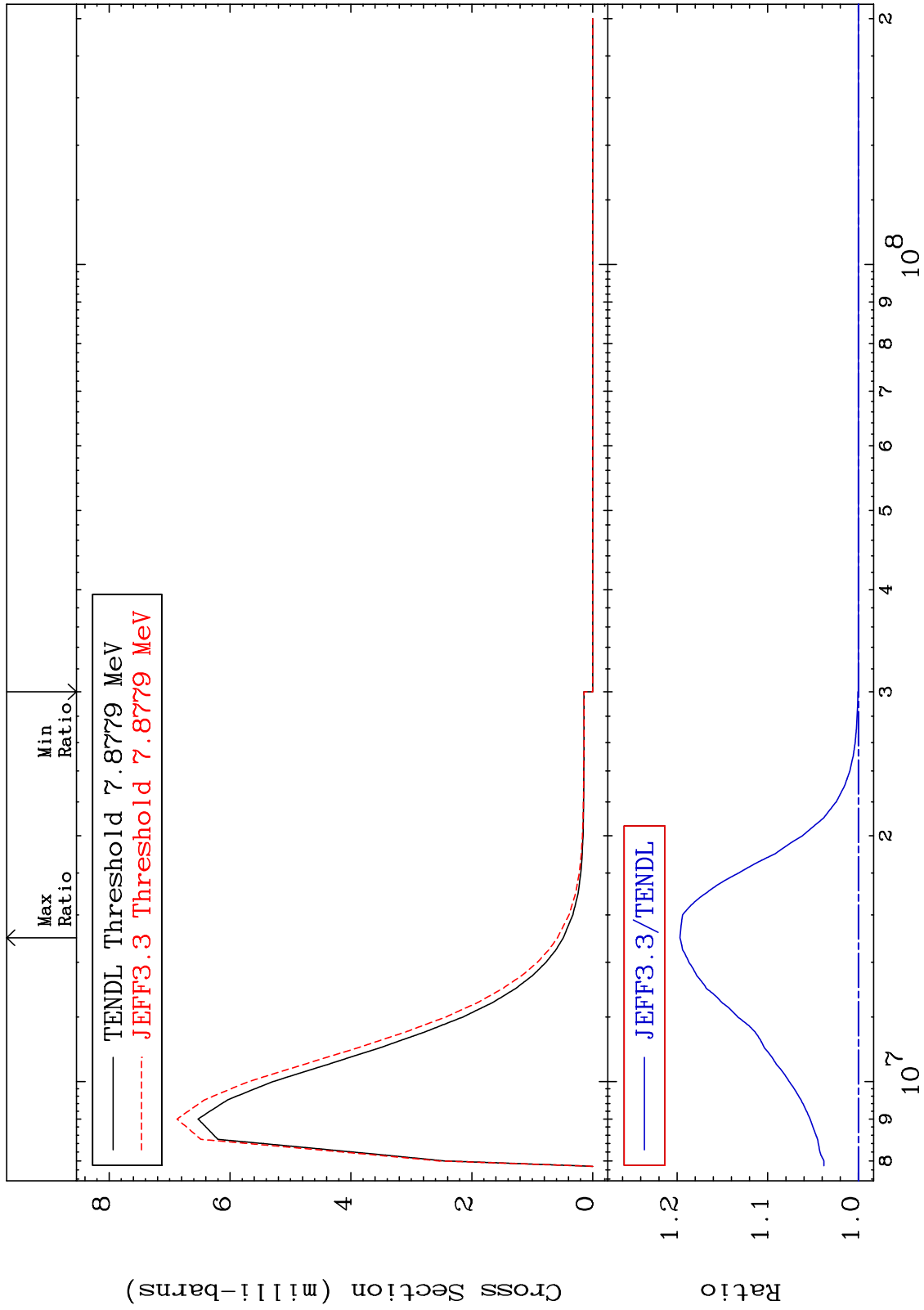


MAT 1625 MT= 75 (n,n') Level Cross Section 16-S -32 To 178.4 %



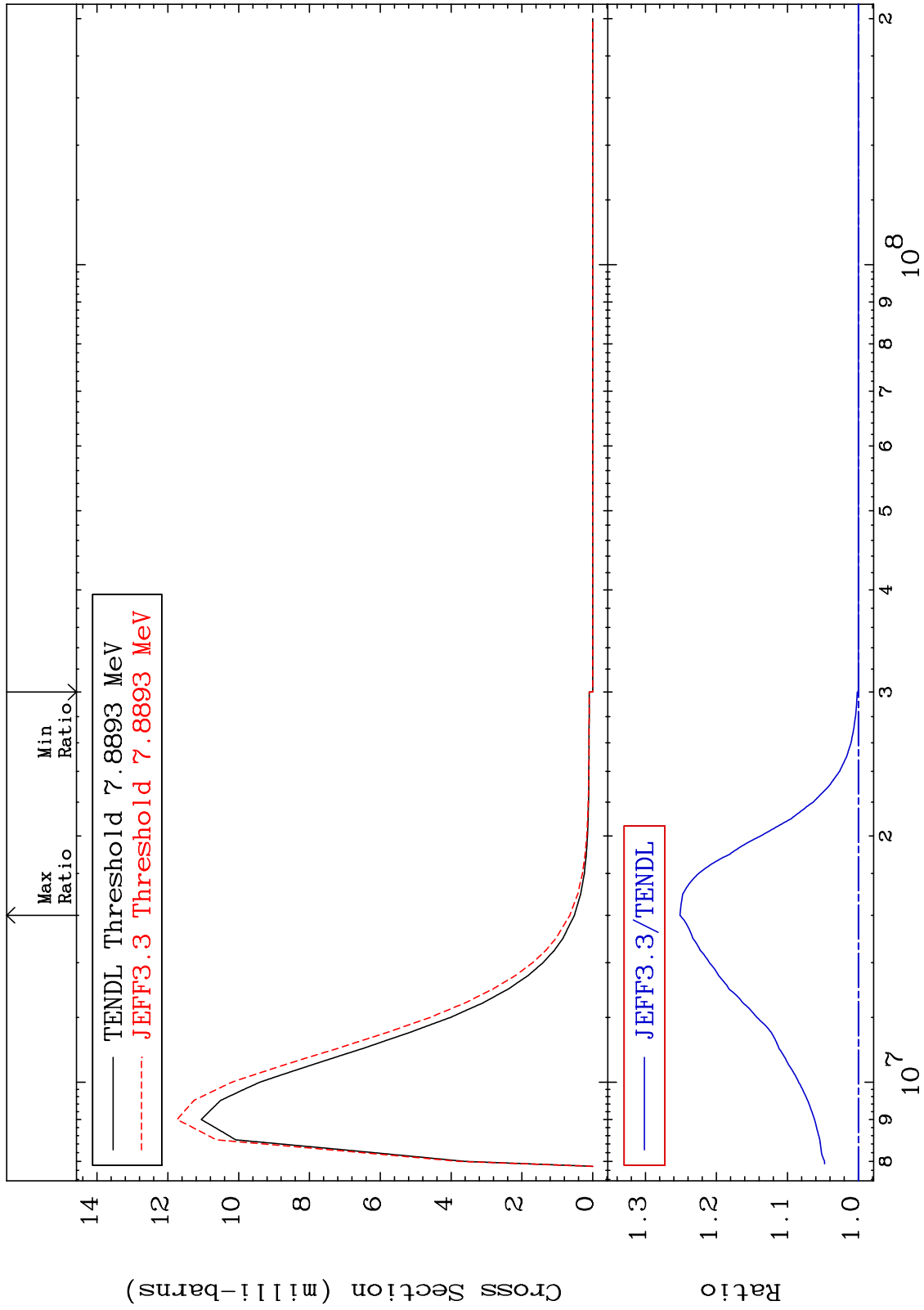
39 Incident Energy (eV) 16-S -32

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

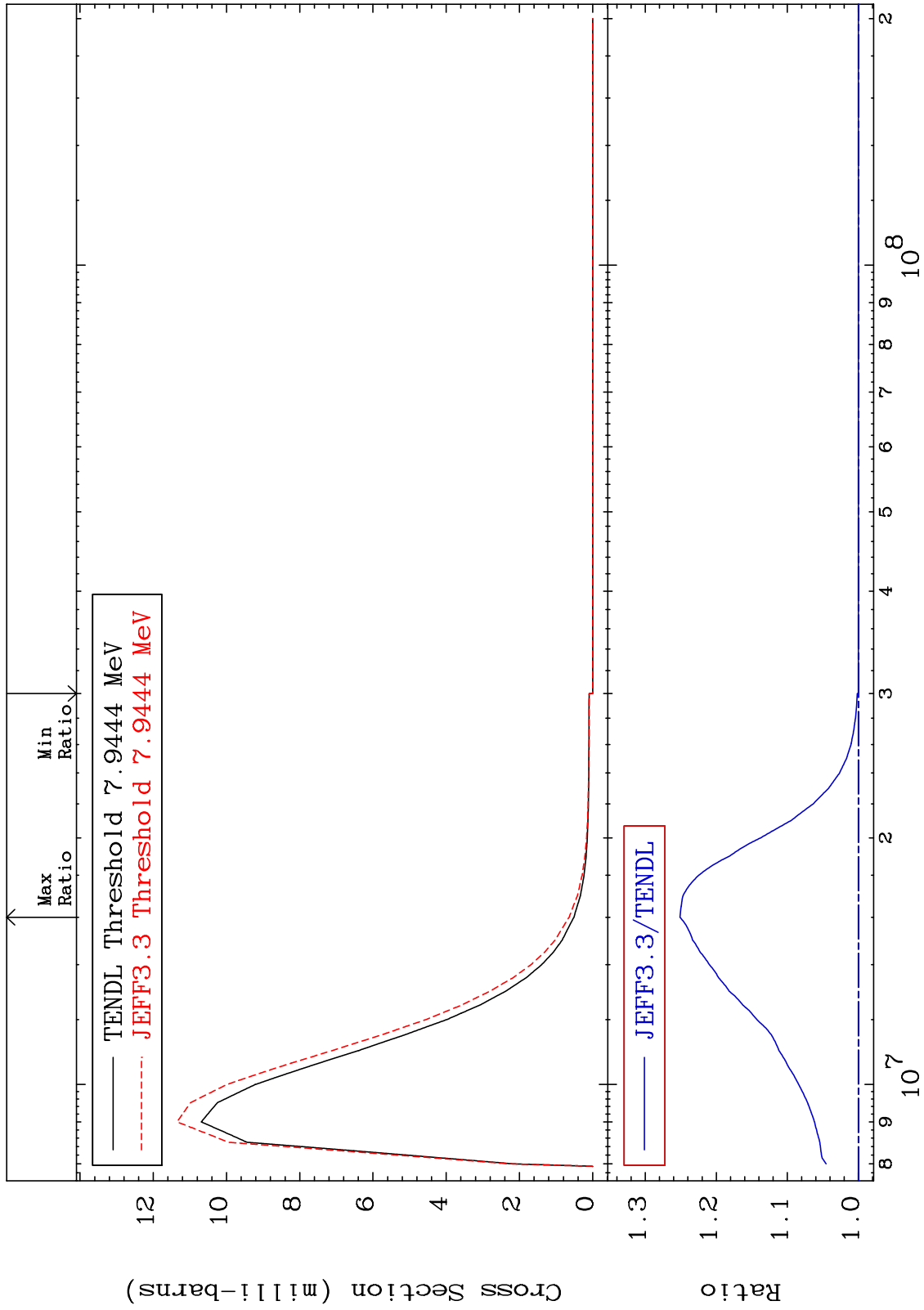


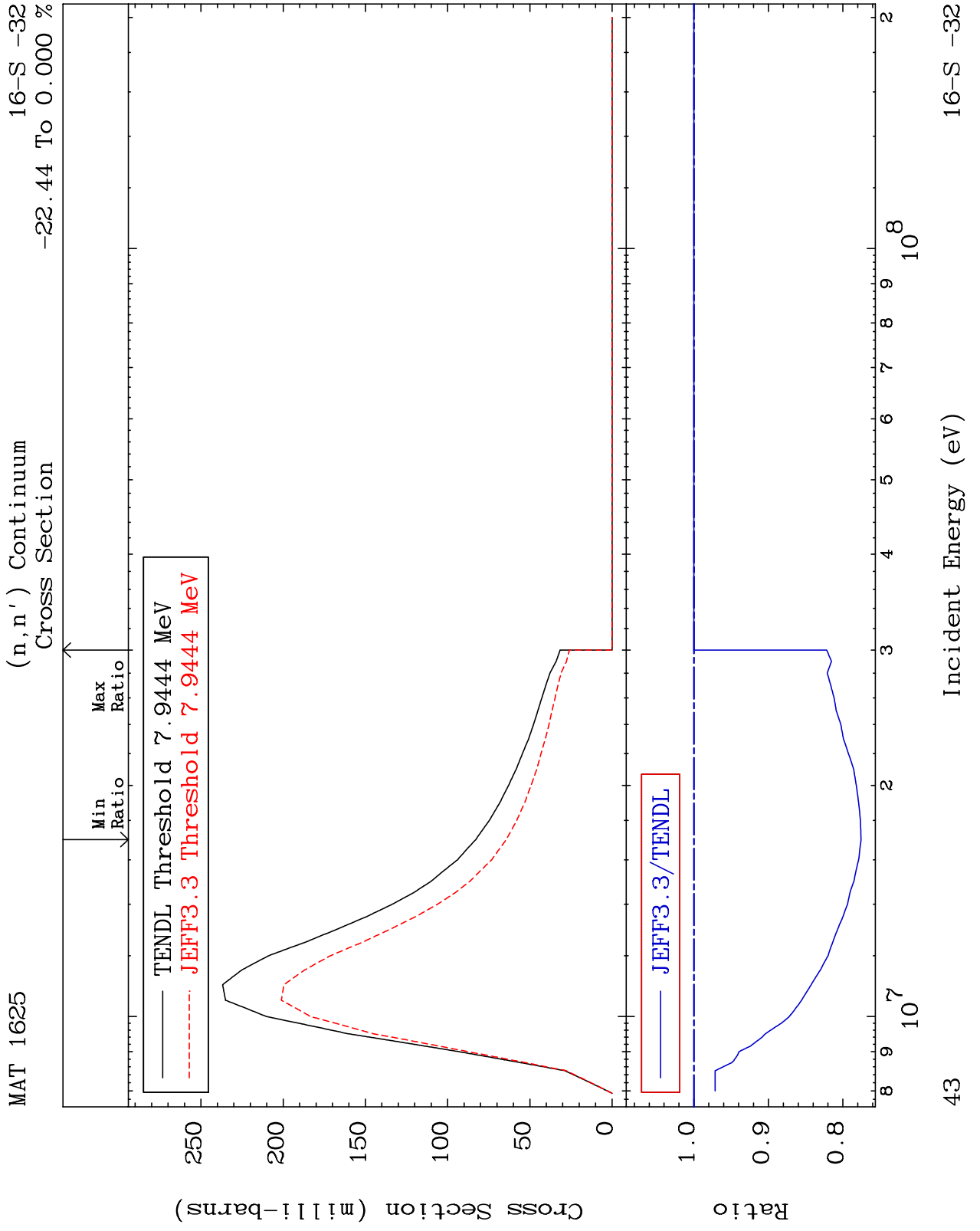
Incident Energy (eV) 16-S -32

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 %



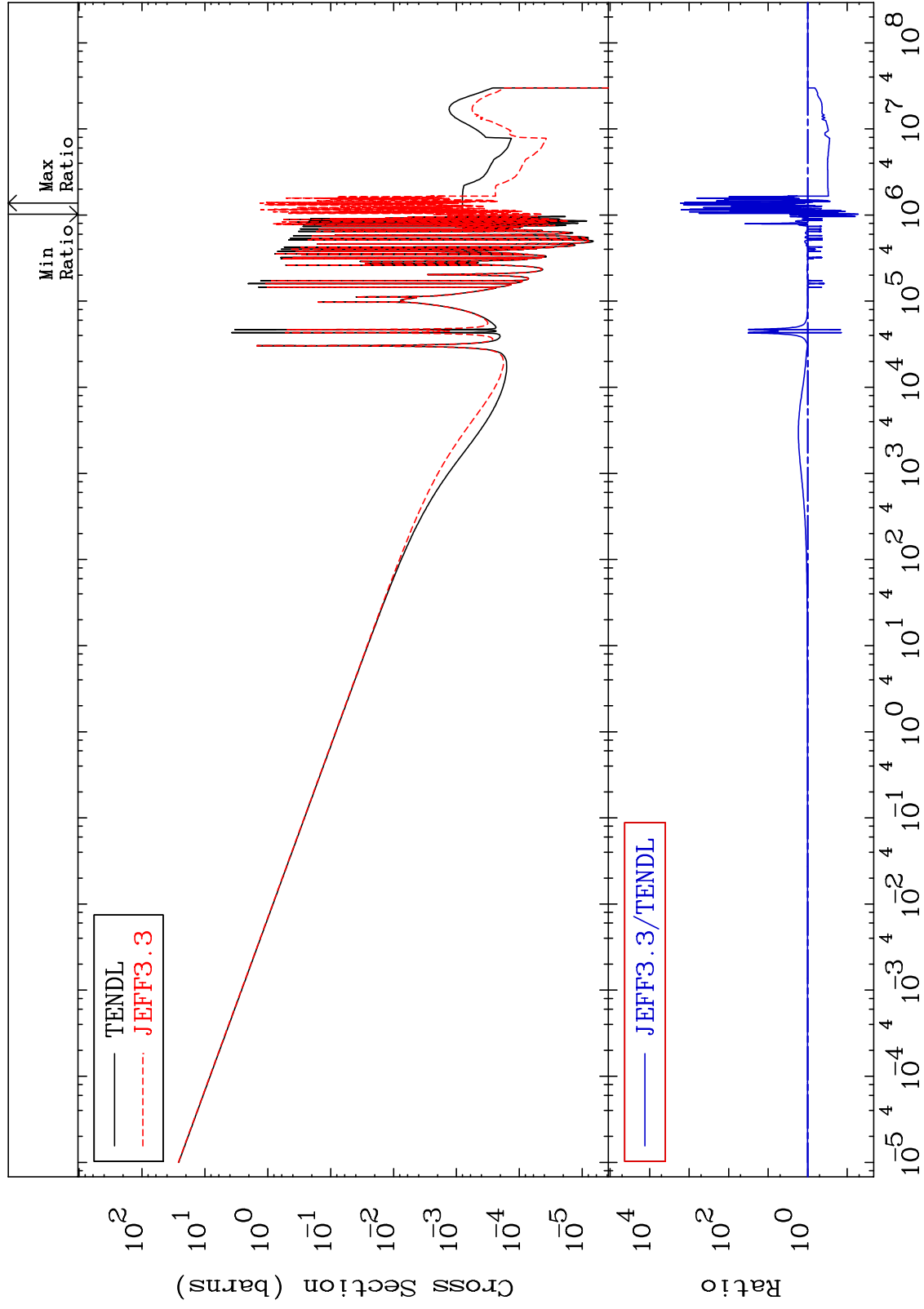


MAT 1625

(n, γ)

Cross Section

16-S -32
-94.83 To 9999. %

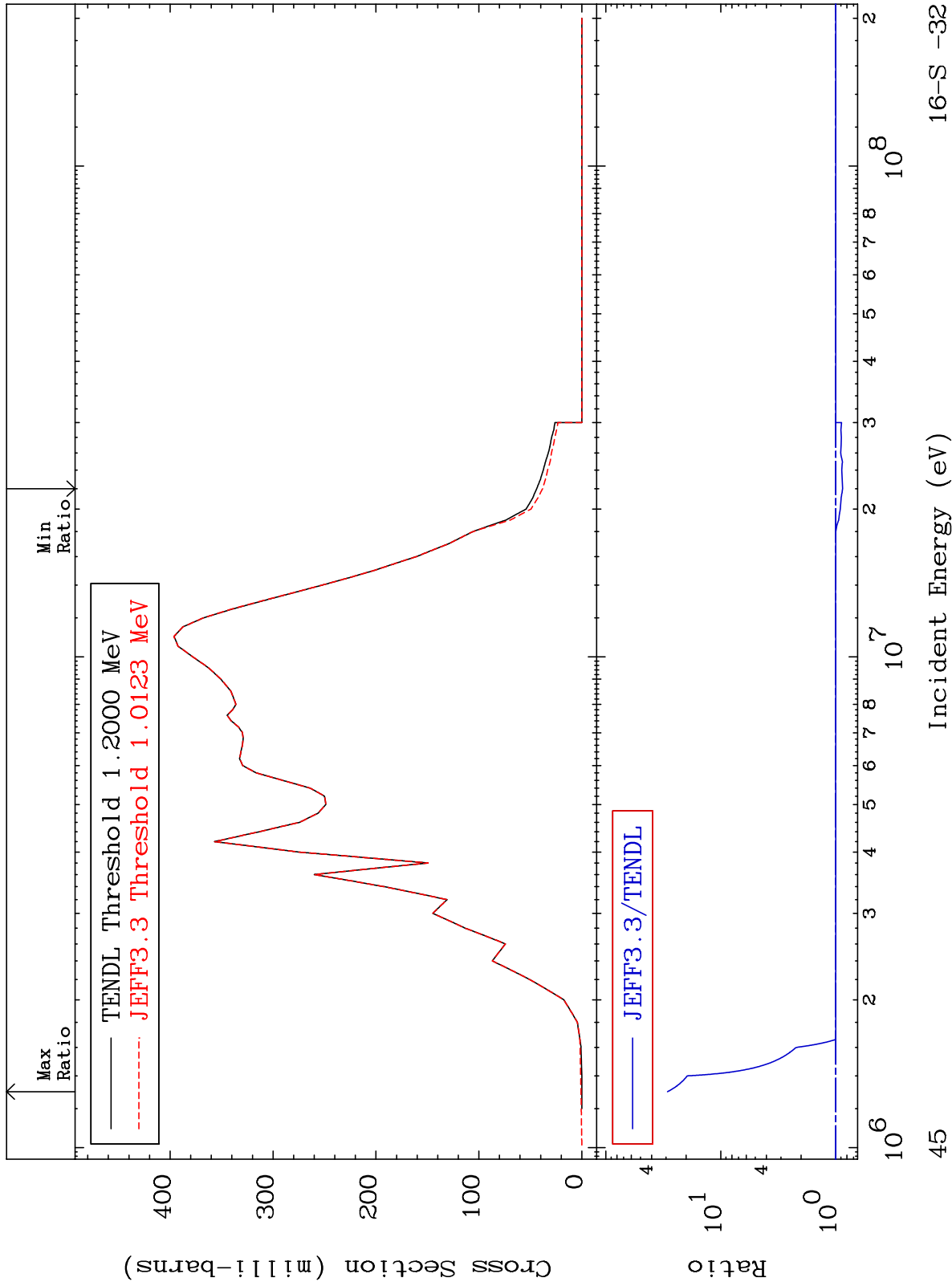


44

Incident Energy (eV)

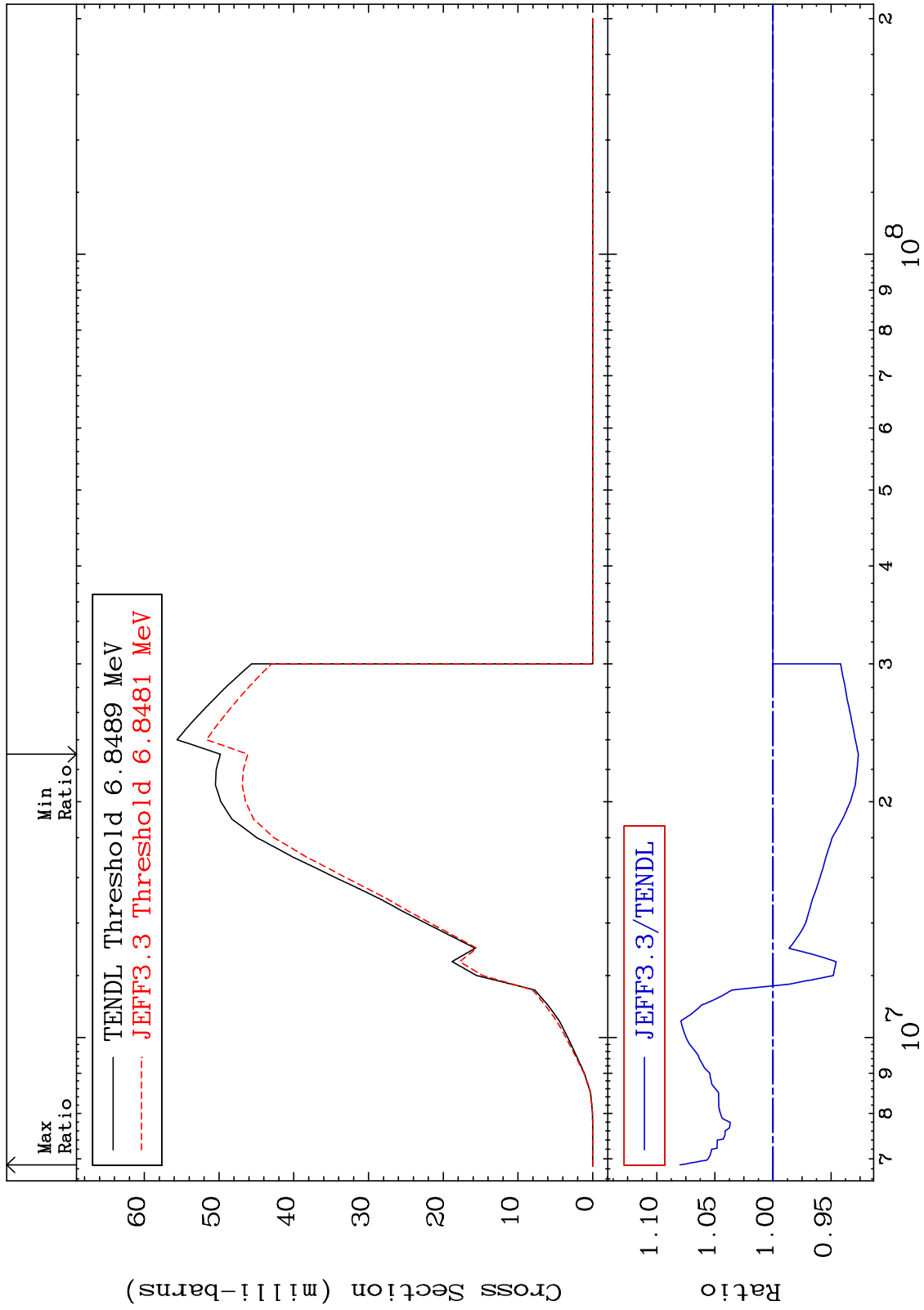
16-S -32

MAT 1625 (n,p) Cross Section 16-S -32 -13.04 To 2803. %



45

MAT 1625 (n,d) Cross Section 16-S -32
 -7.354 To 7.998 %



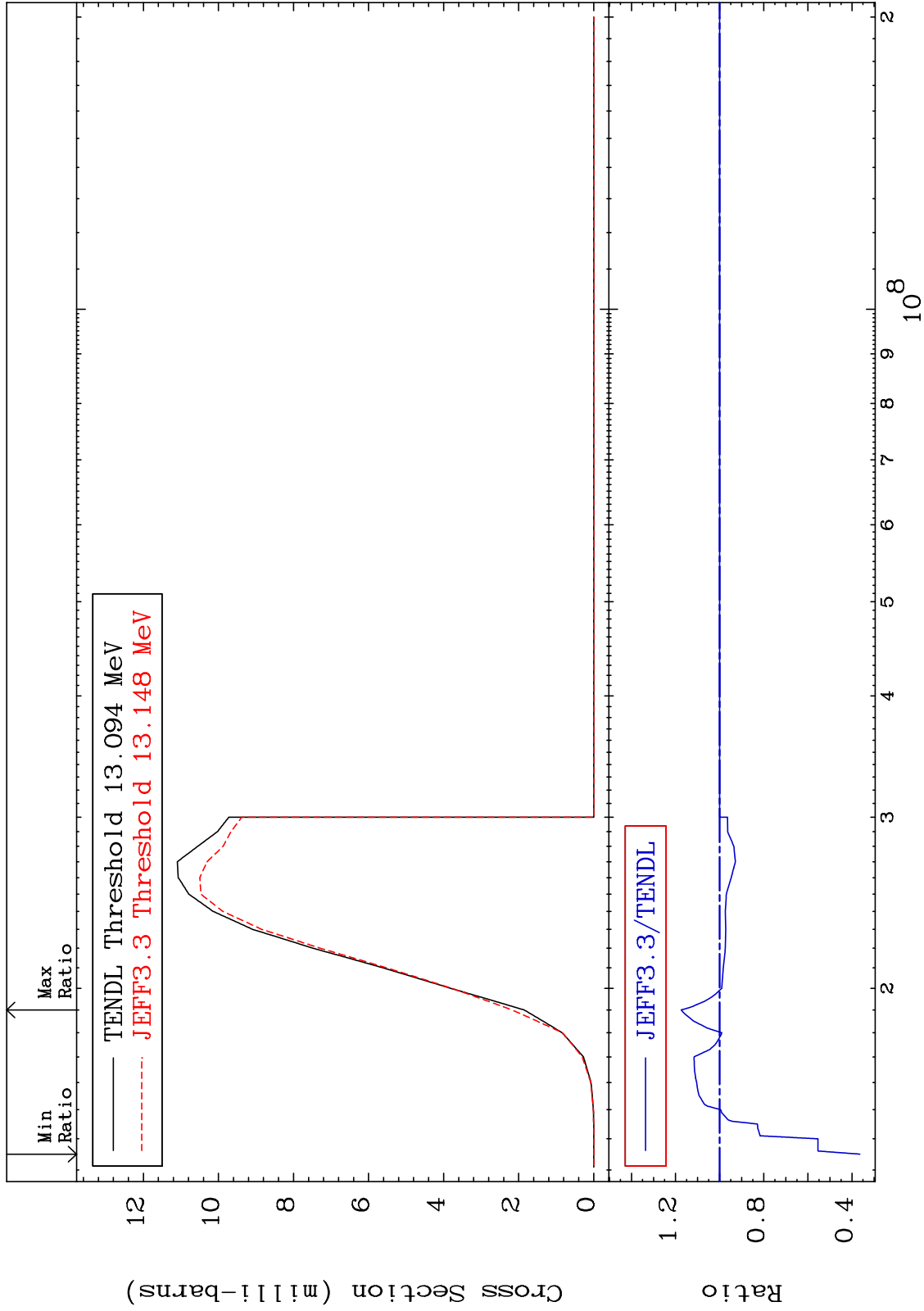
MAT 1625

(n, t)

16-S -32

Cross Section

-63.58 To 17.44 %



47

16-S -32

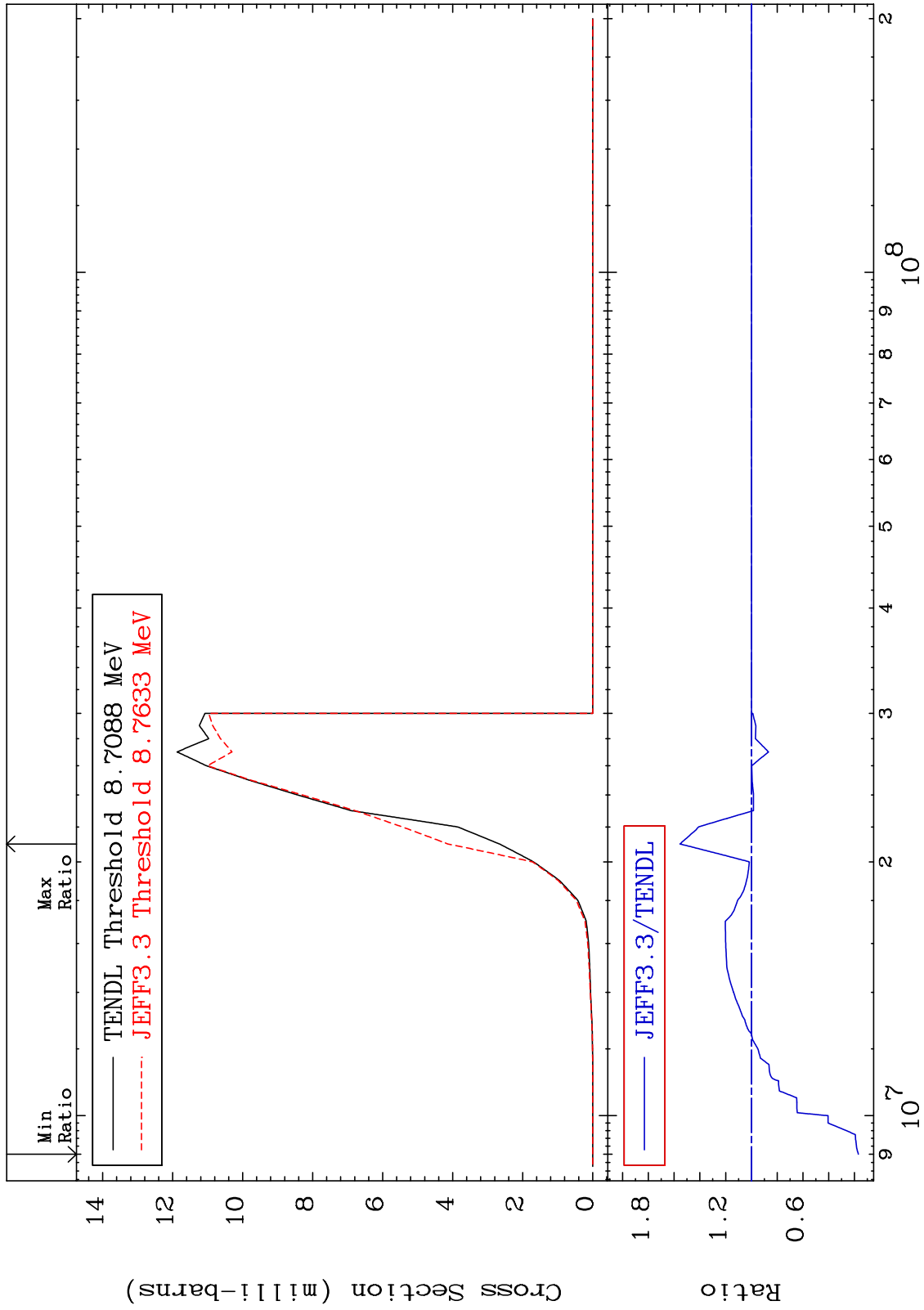
MAT 1625

(n, He-3)

16-S -32

Cross Section

-83.06 To 55.42 %



48

Incident Energy (eV)

16-S -32

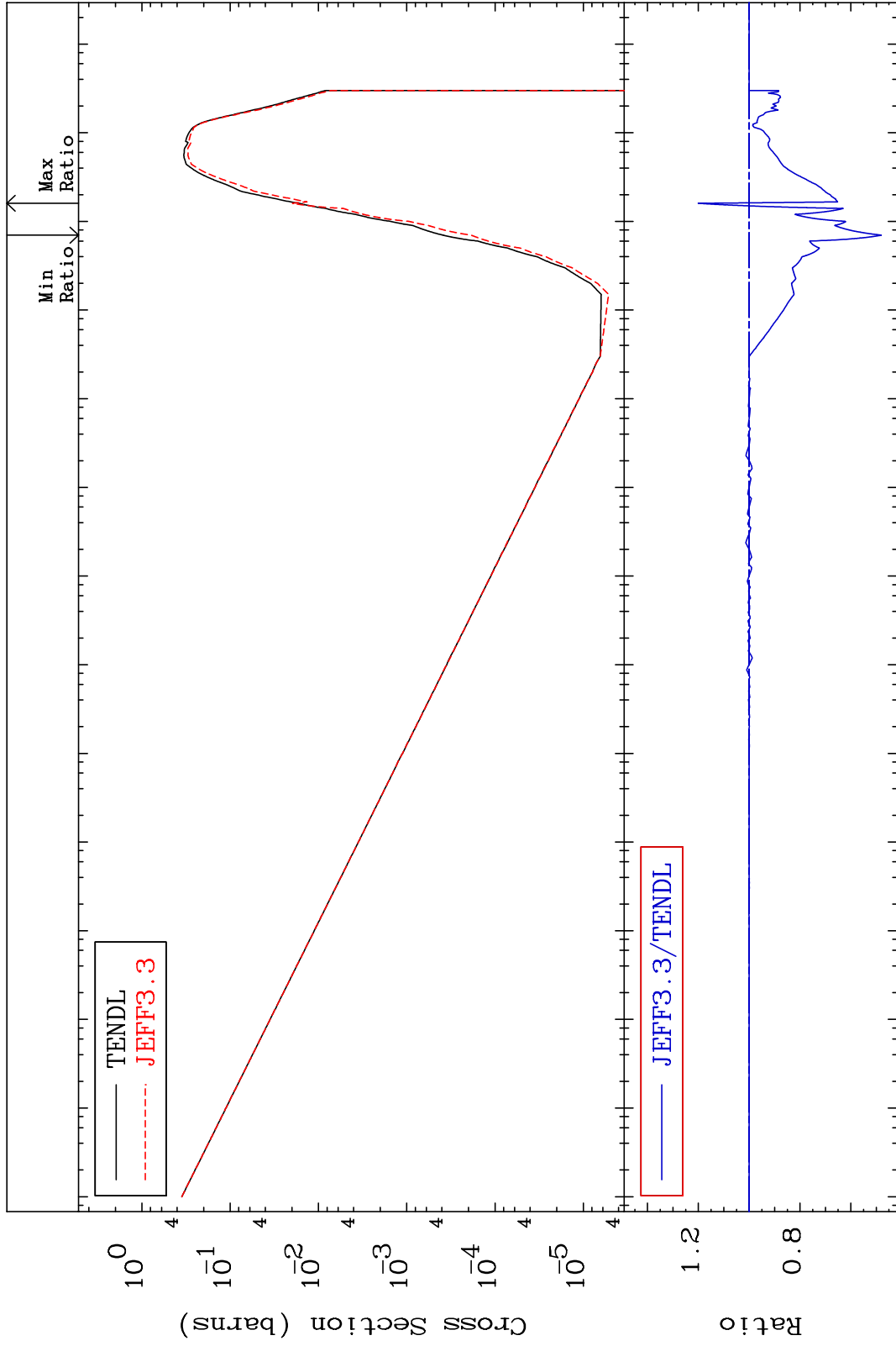
MAT 1625

(n, α)

16-S -32

Cross Section

-52.08 To 20.01 %



49

Incident Energy (eV)

16-S -32

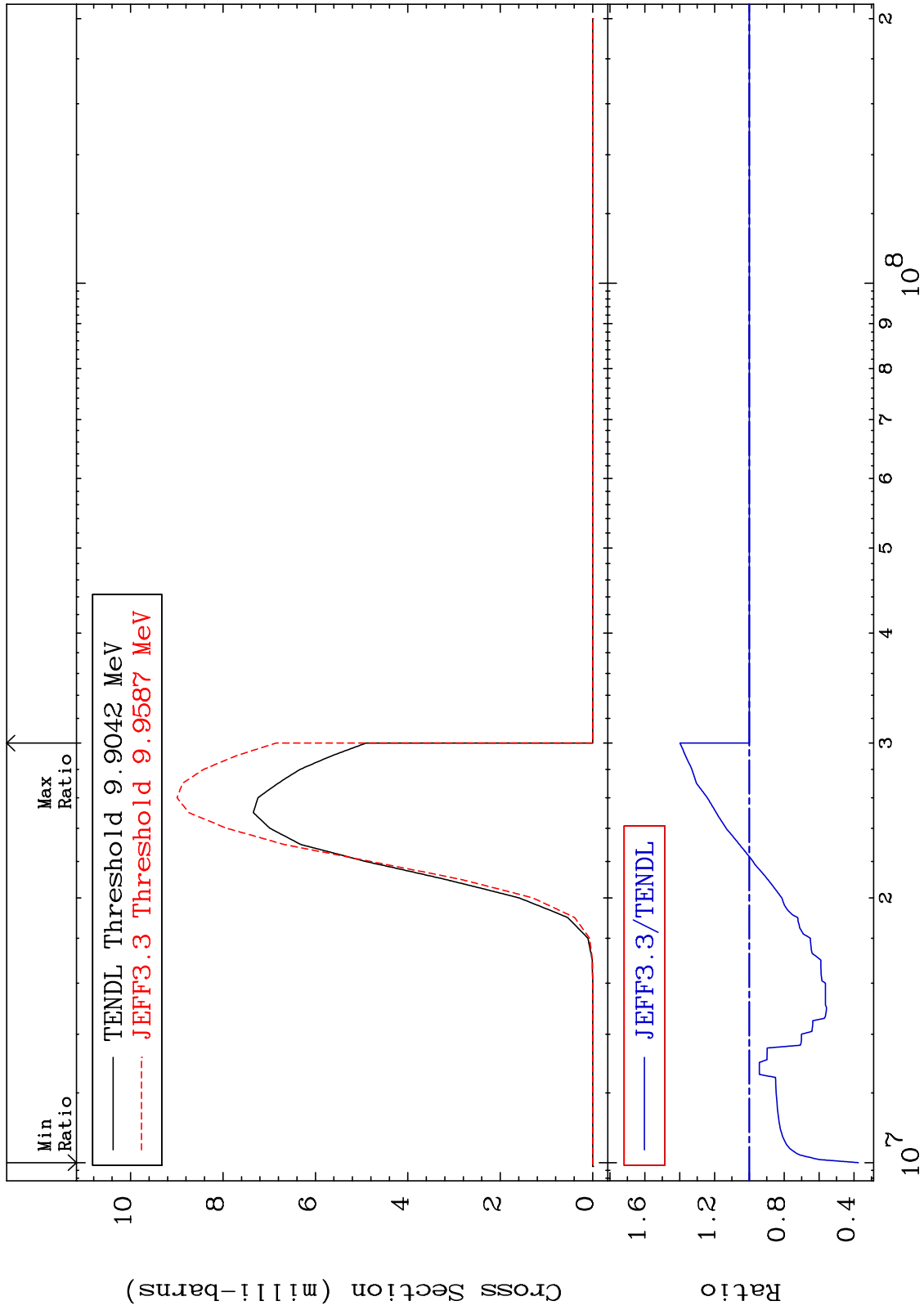
MAT 1625

(n,2α)

16-S -32

Cross Section

-62.52 To 39.79 %



16-S -32

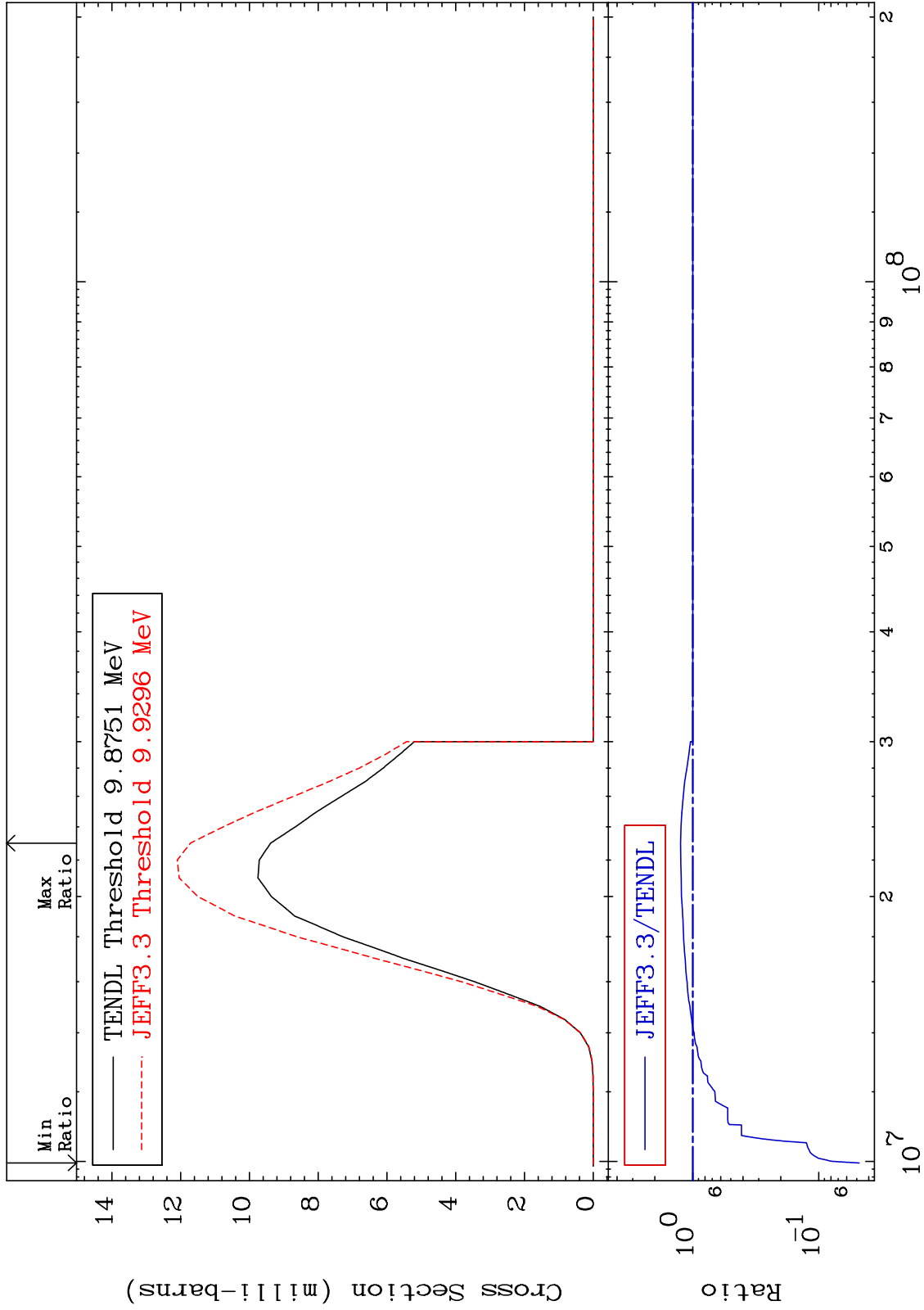
MAT 1625

(n,2p)

16-S -32

Cross Section

-95.23 To 24.86 %

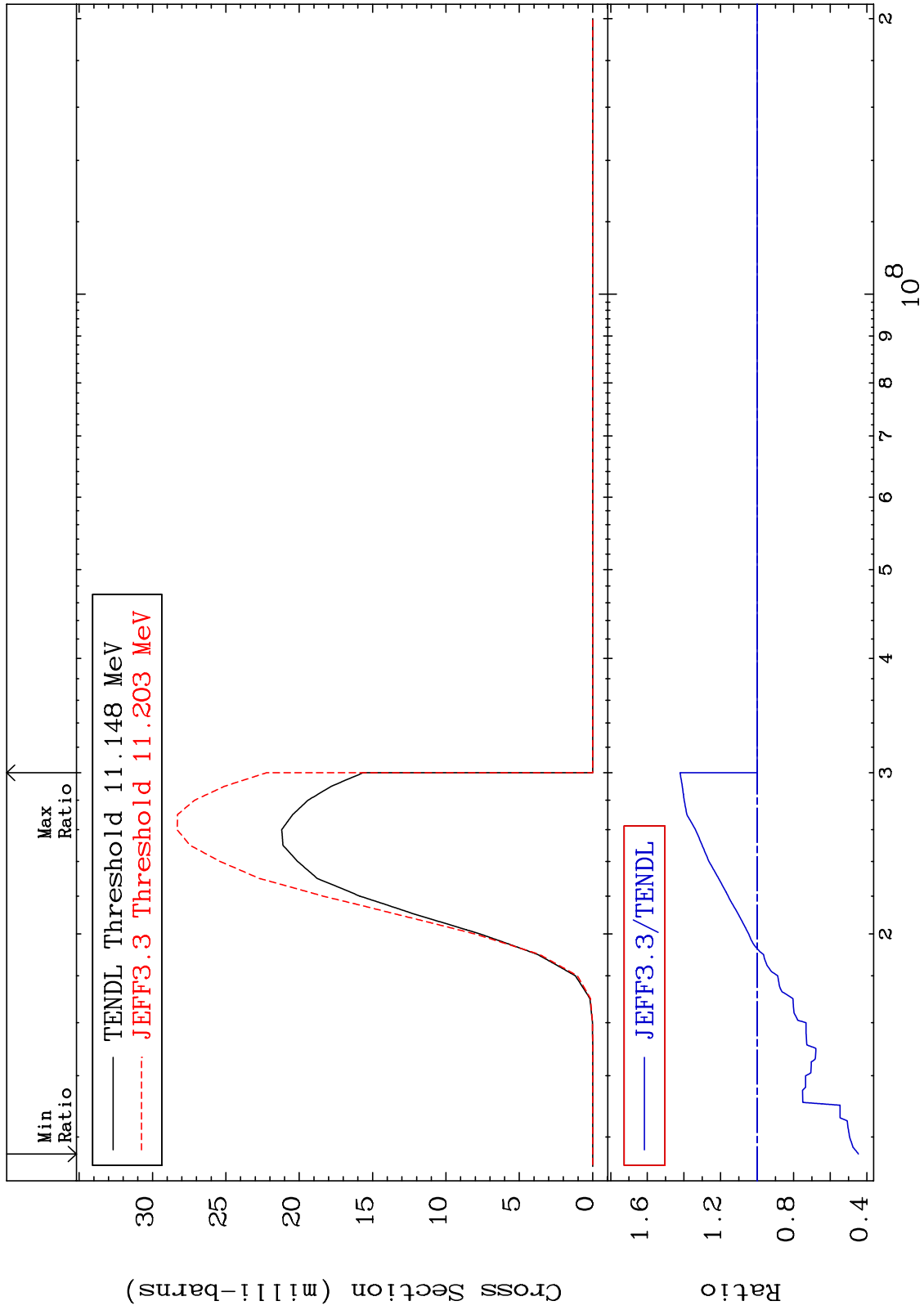


51

Incident Energy (eV)

16-S -32

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



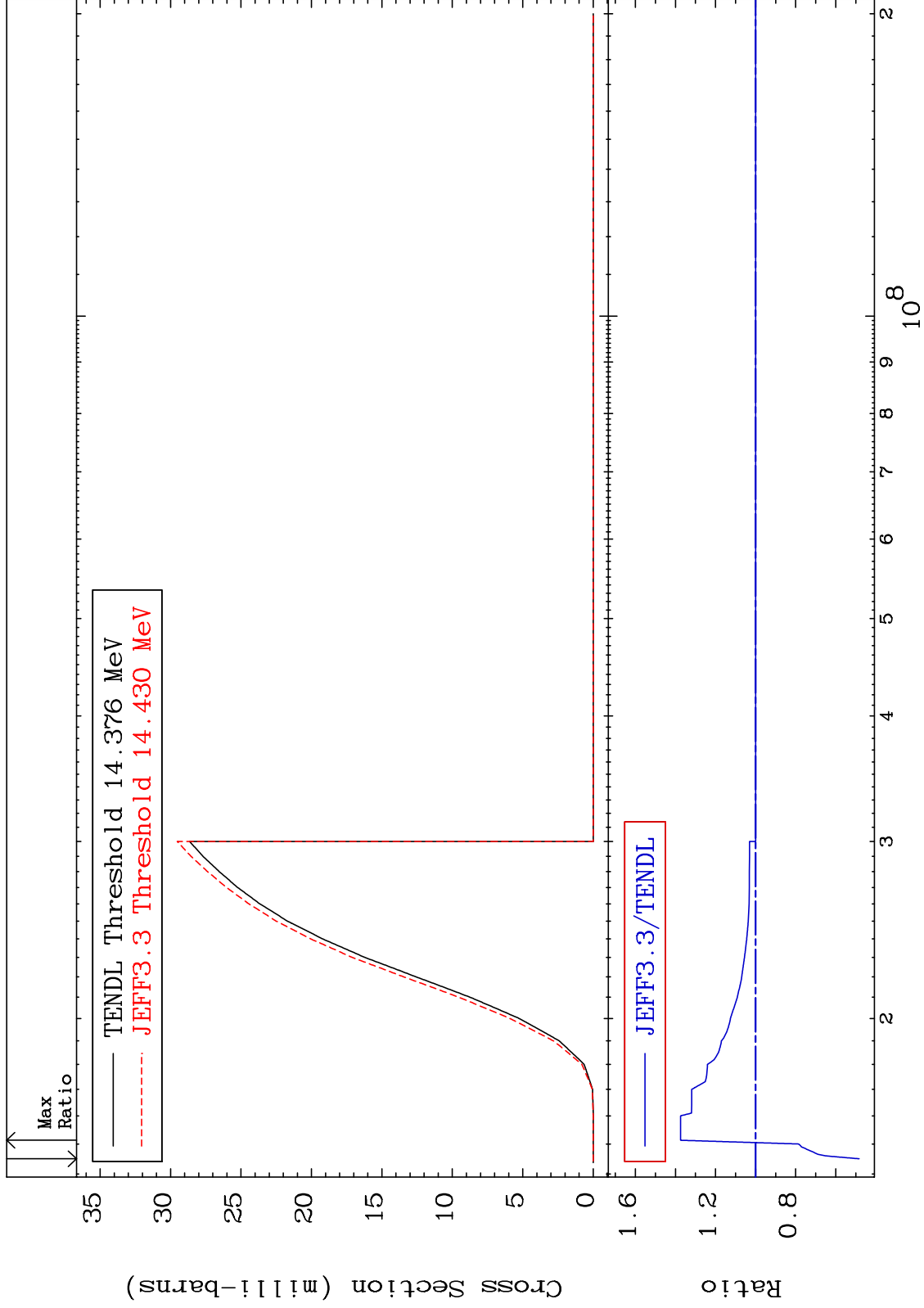
MAT 1625

(n,p) d

16-S -32

Cross Section

-51.71 To 37.43 %



53

Incident Energy (eV)

16-S -32

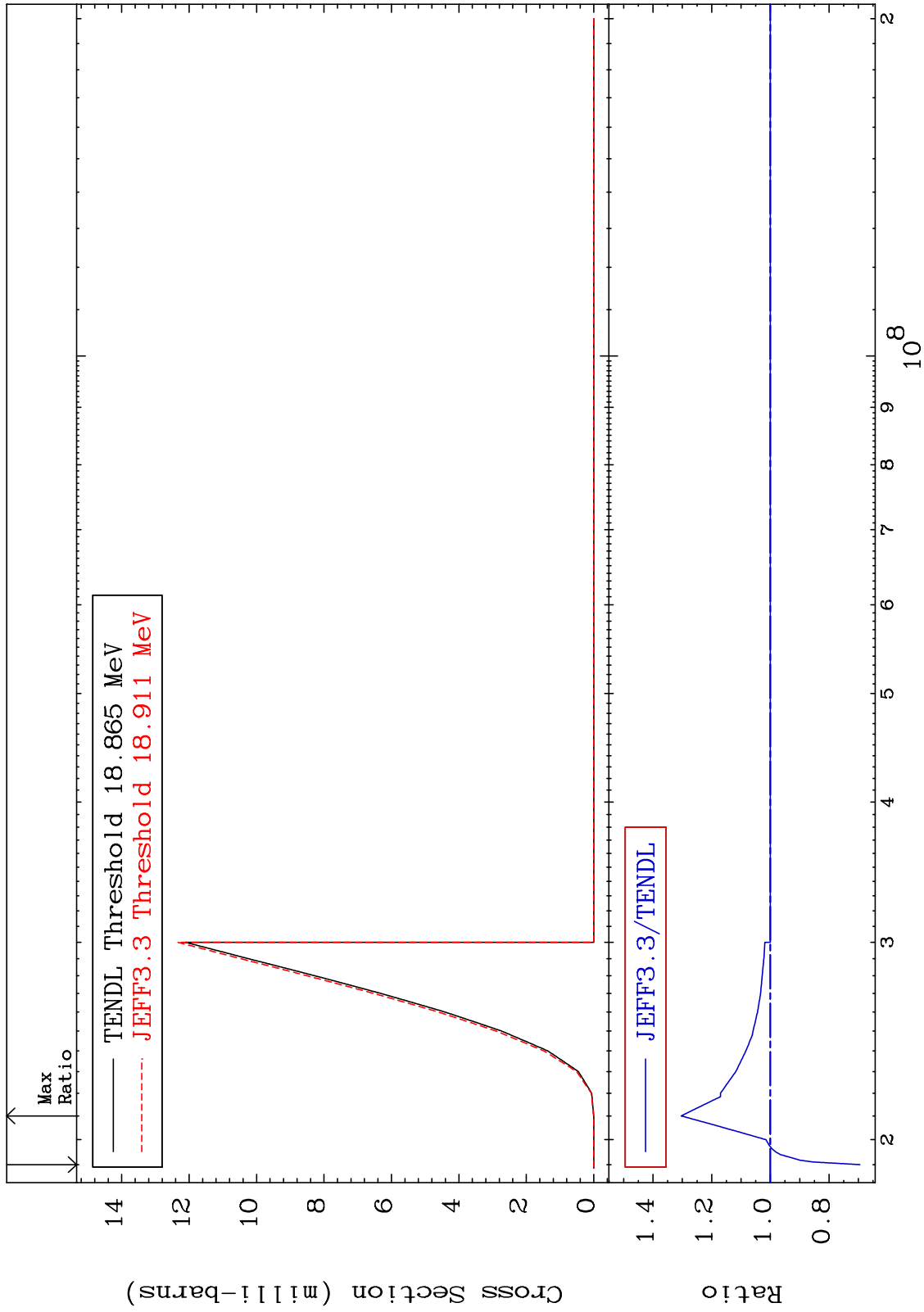
MAT 1625

(n,p) t

16-S -32

Cross Section

-30.52 To 30.38 %



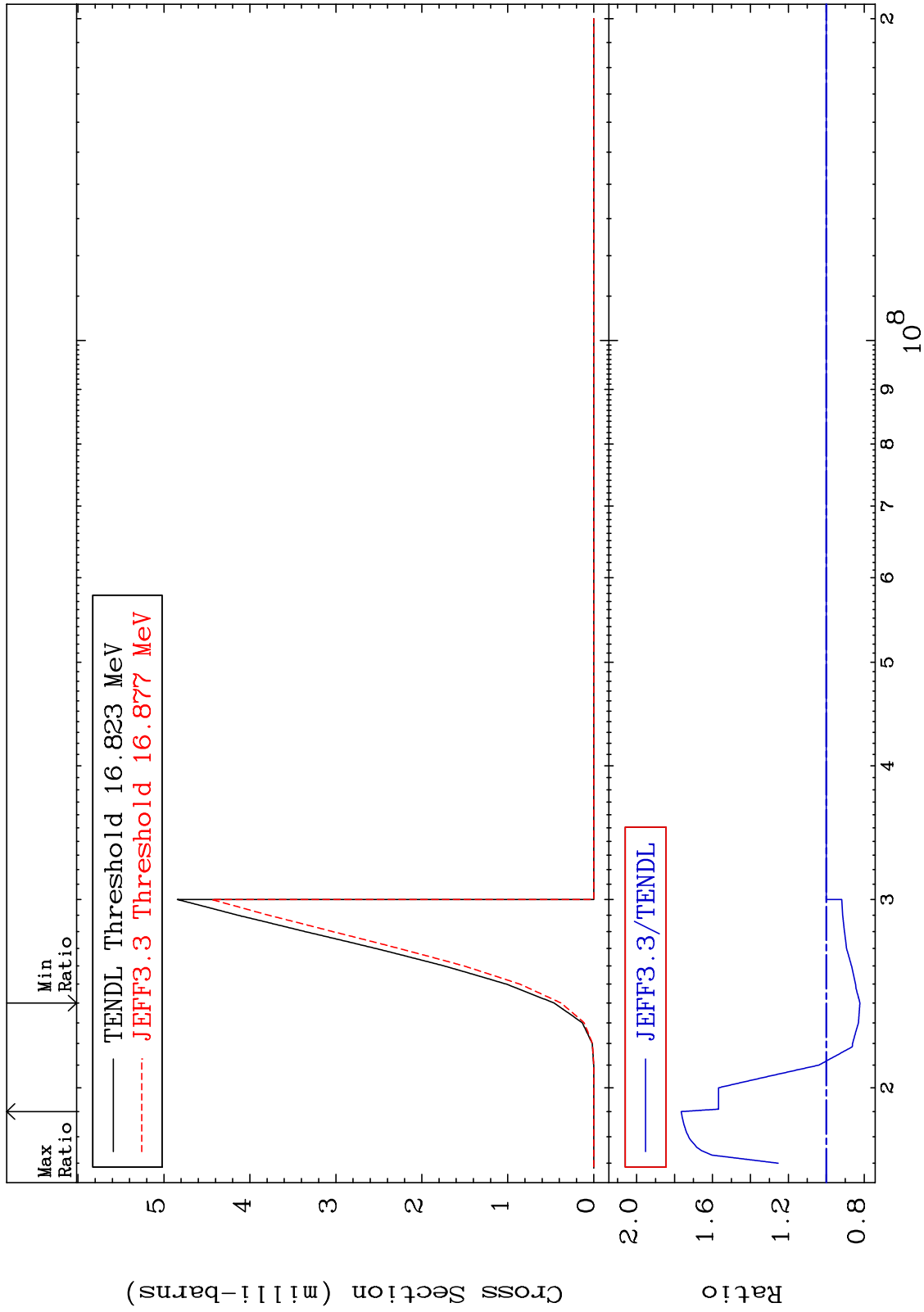
MAT 1625

(n,d) α

16-S -32

Cross Section

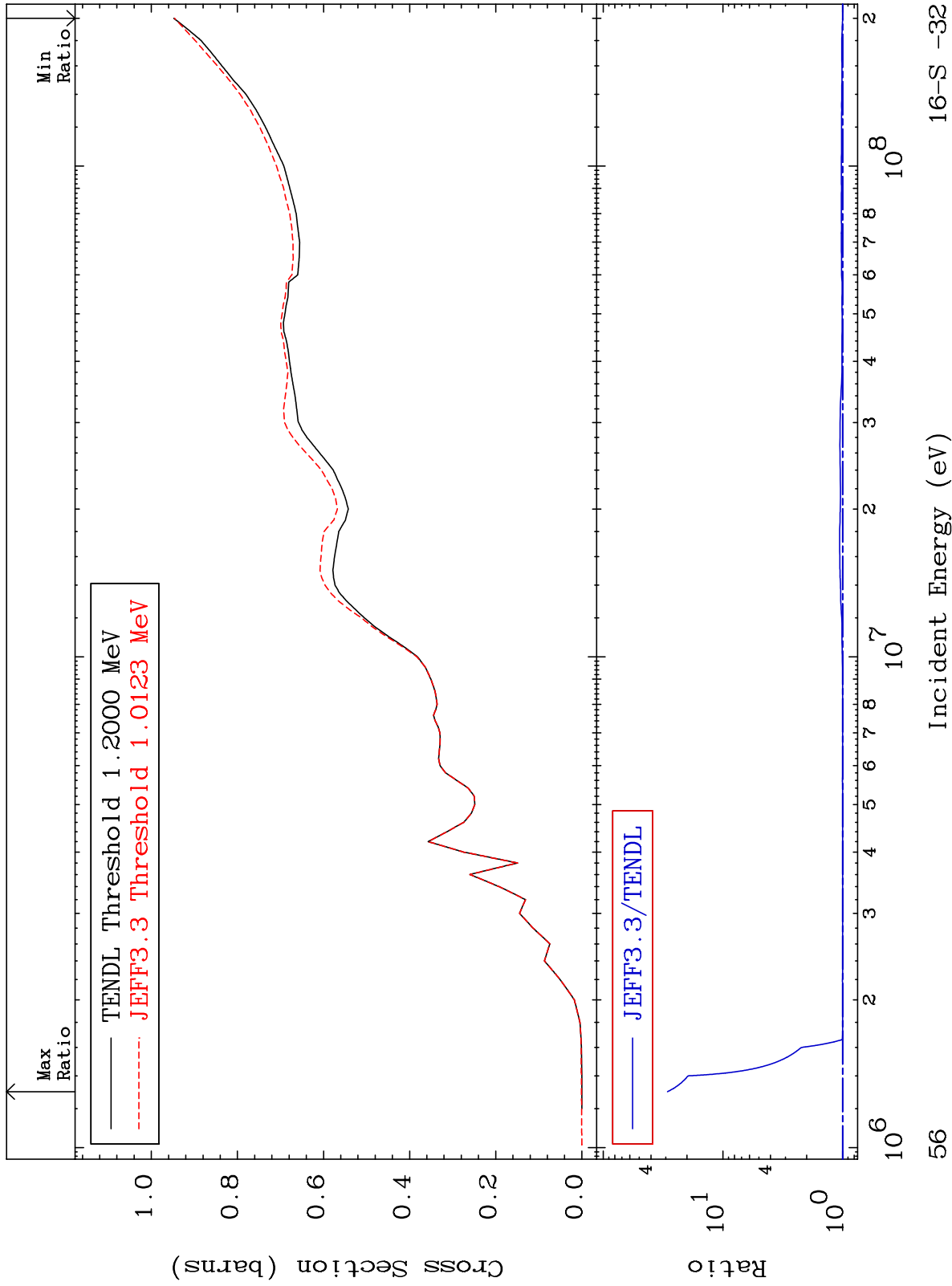
-17.72 To 76.46 %



MAT 1625

Hydrogen Production
Cross Section

16-S -32
-0.179 To 2803. %



56

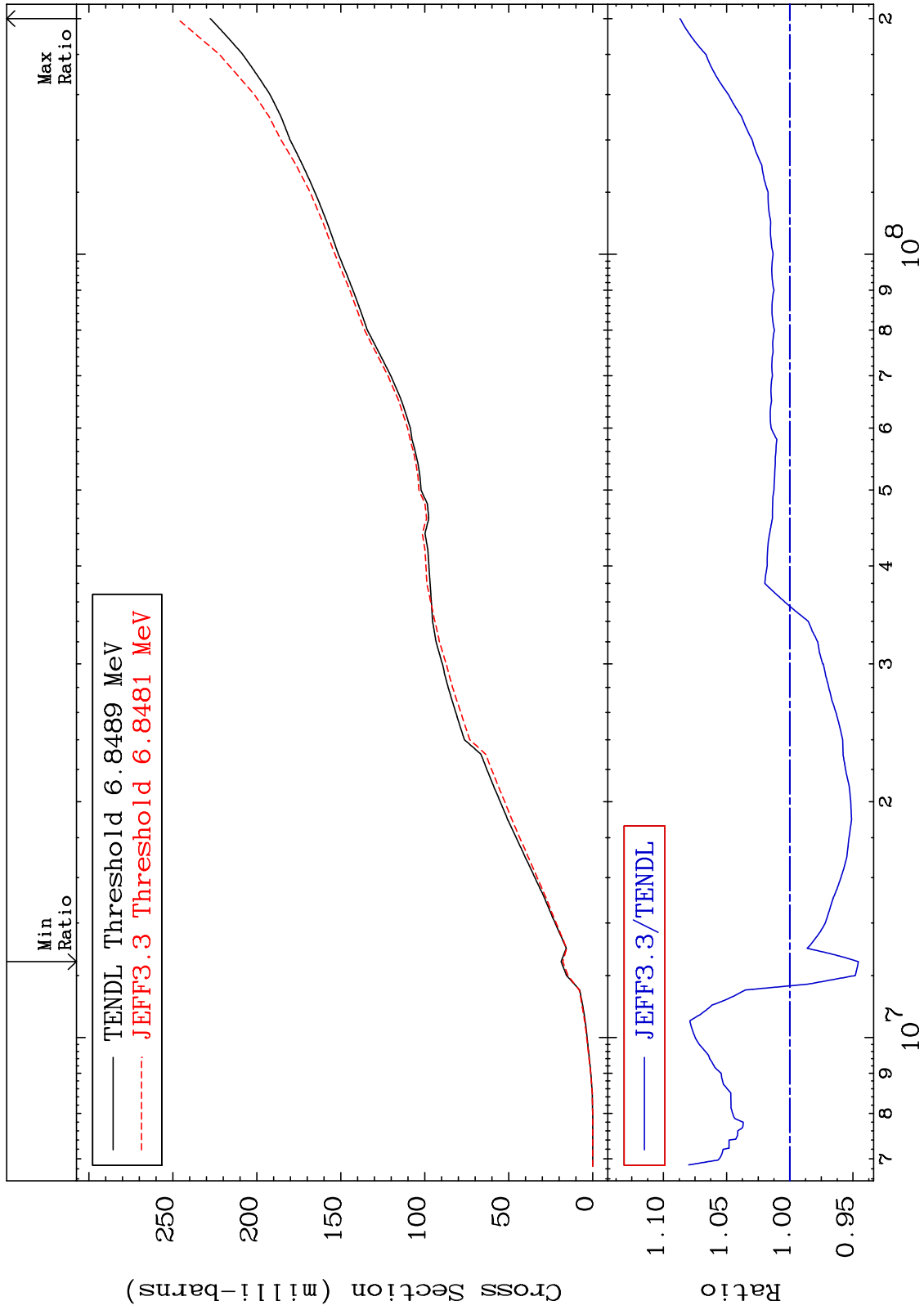
Incident Energy (eV)

16-S -32

MAT 1625

Deuterium Production
Cross Section

16-S -32
-5.430 To 8.686 %



57

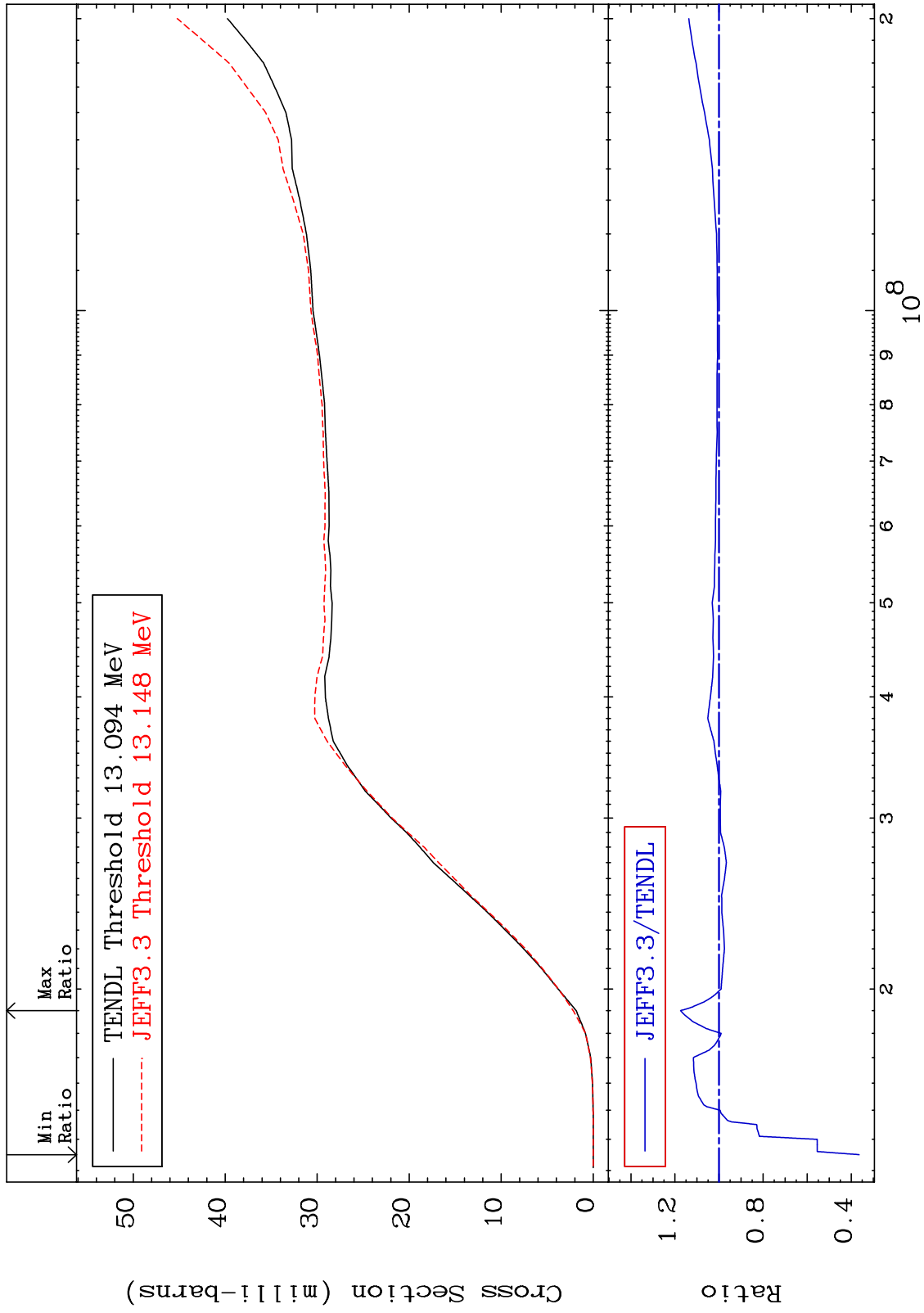
Incident Energy (eV)

16-S -32

MAT 1625

Tritium Production
Cross Section

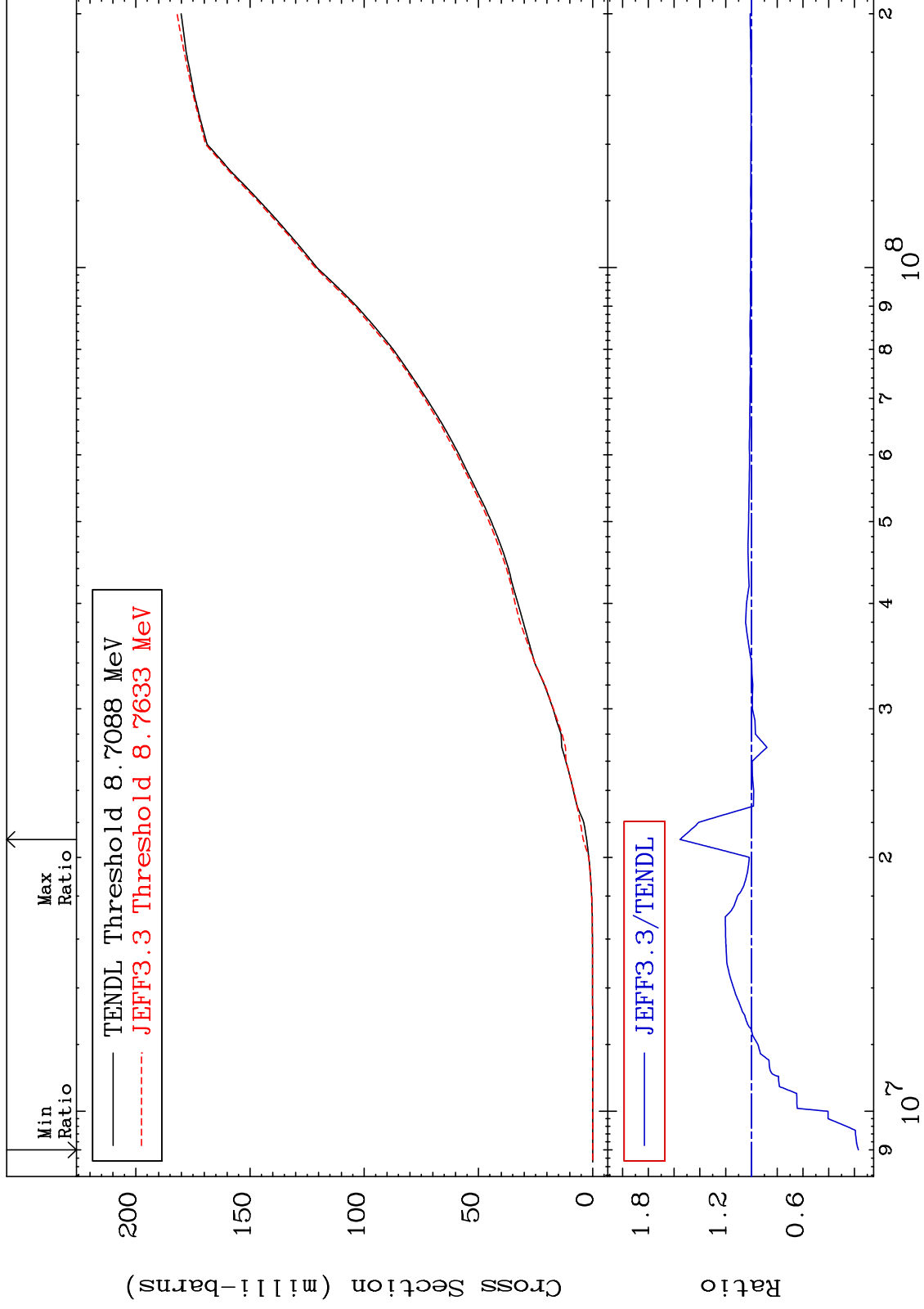
16-S -32
-63.58 To 17.44 %



MAT 1625

He-3 Production
Cross Section

16-S -32
-83.06 To 55.42 %



59

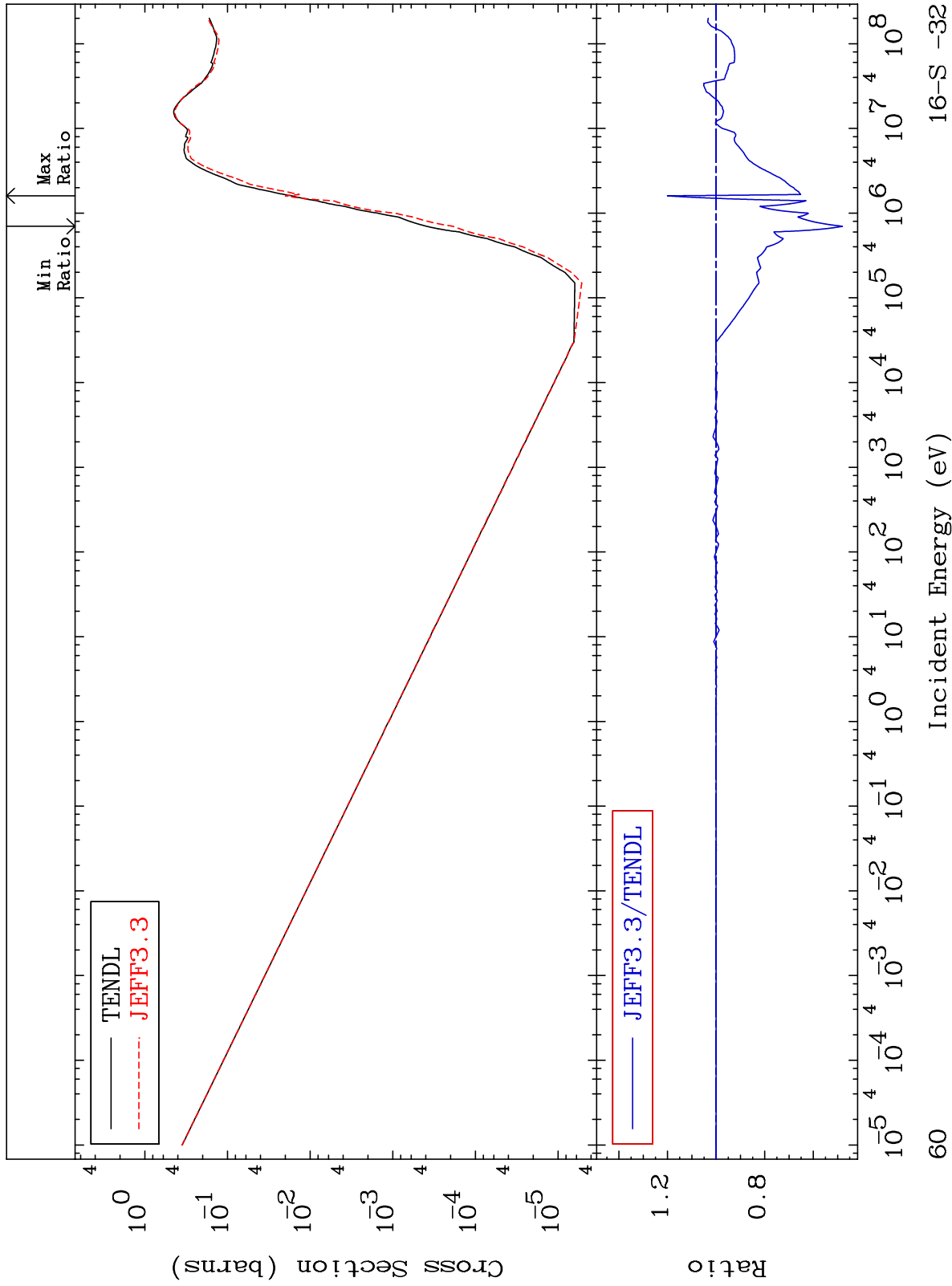
Incident Energy (eV)

16-S -32

MAT 1625

He-4 Production
Cross Section

16-S -32
-52.08 To 20.01 %



60

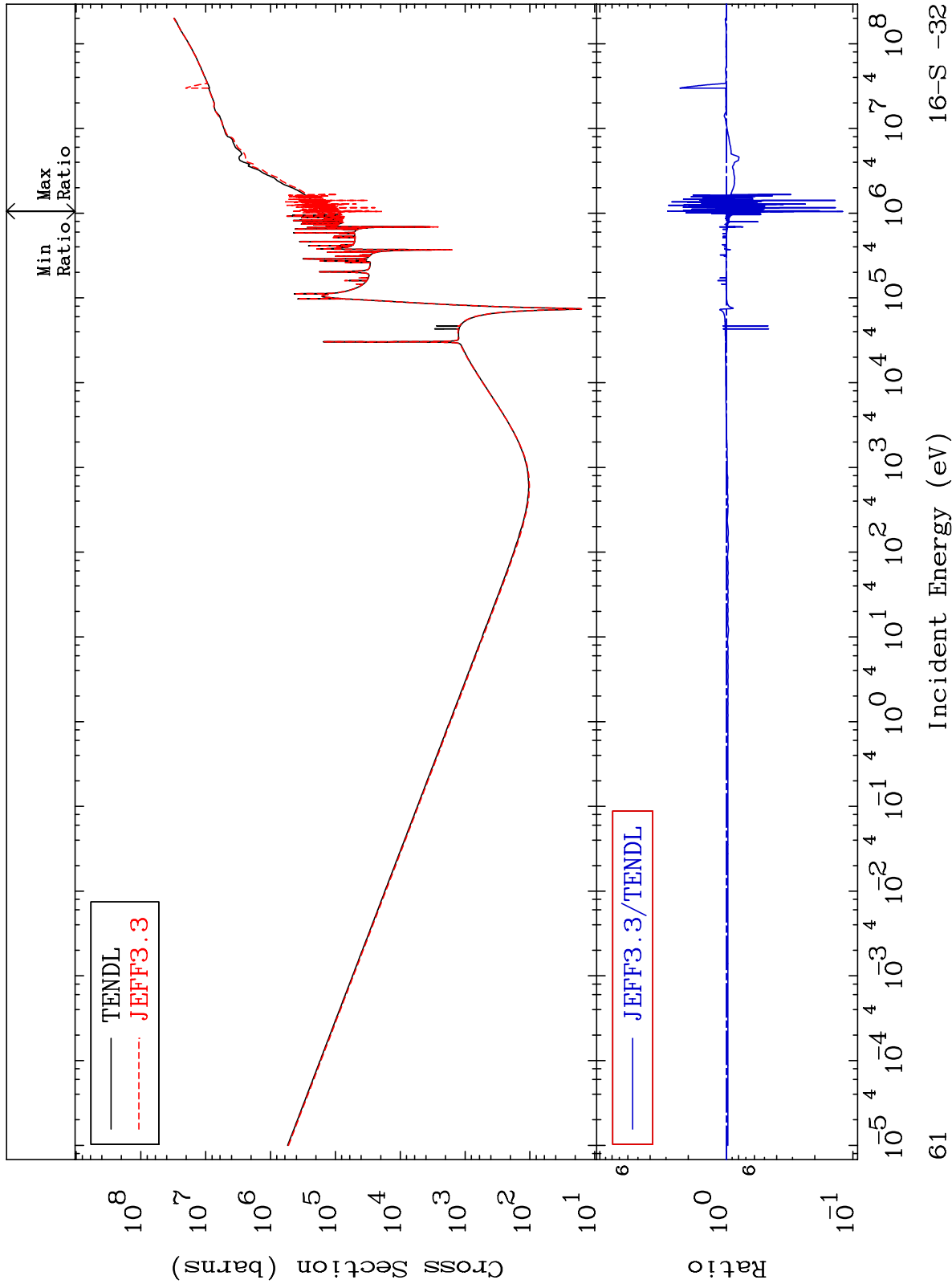
Incident Energy (eV)

16-S -32

MAT 1625

Kerma total (eV-barns)
Cross Section

16-S -32
-87.97 To 191.5 %



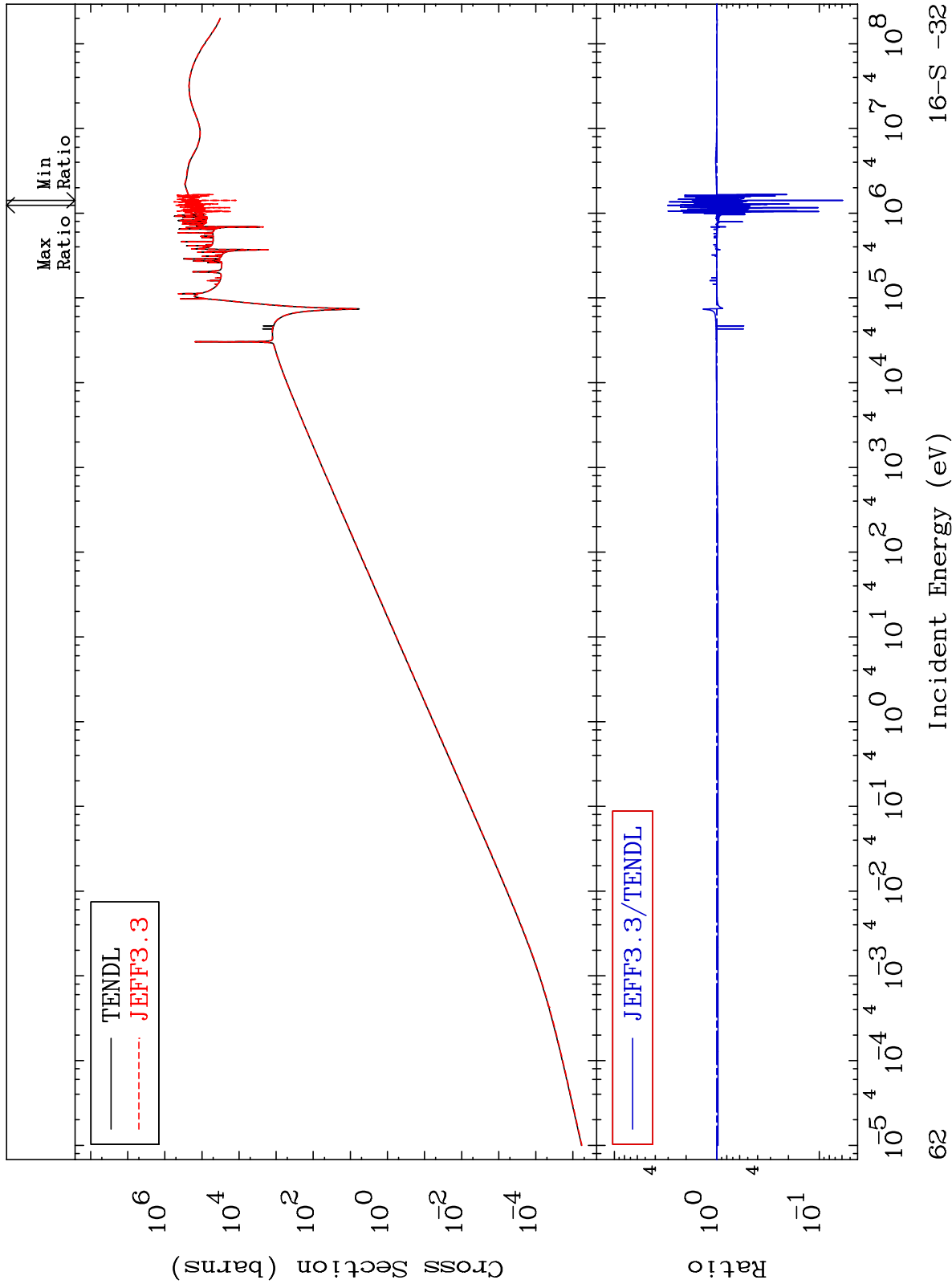
61

16-S -32

MAT 1625

Kerma elastic
Cross Section

16-S -32
-94.08 To 203.2 %



62

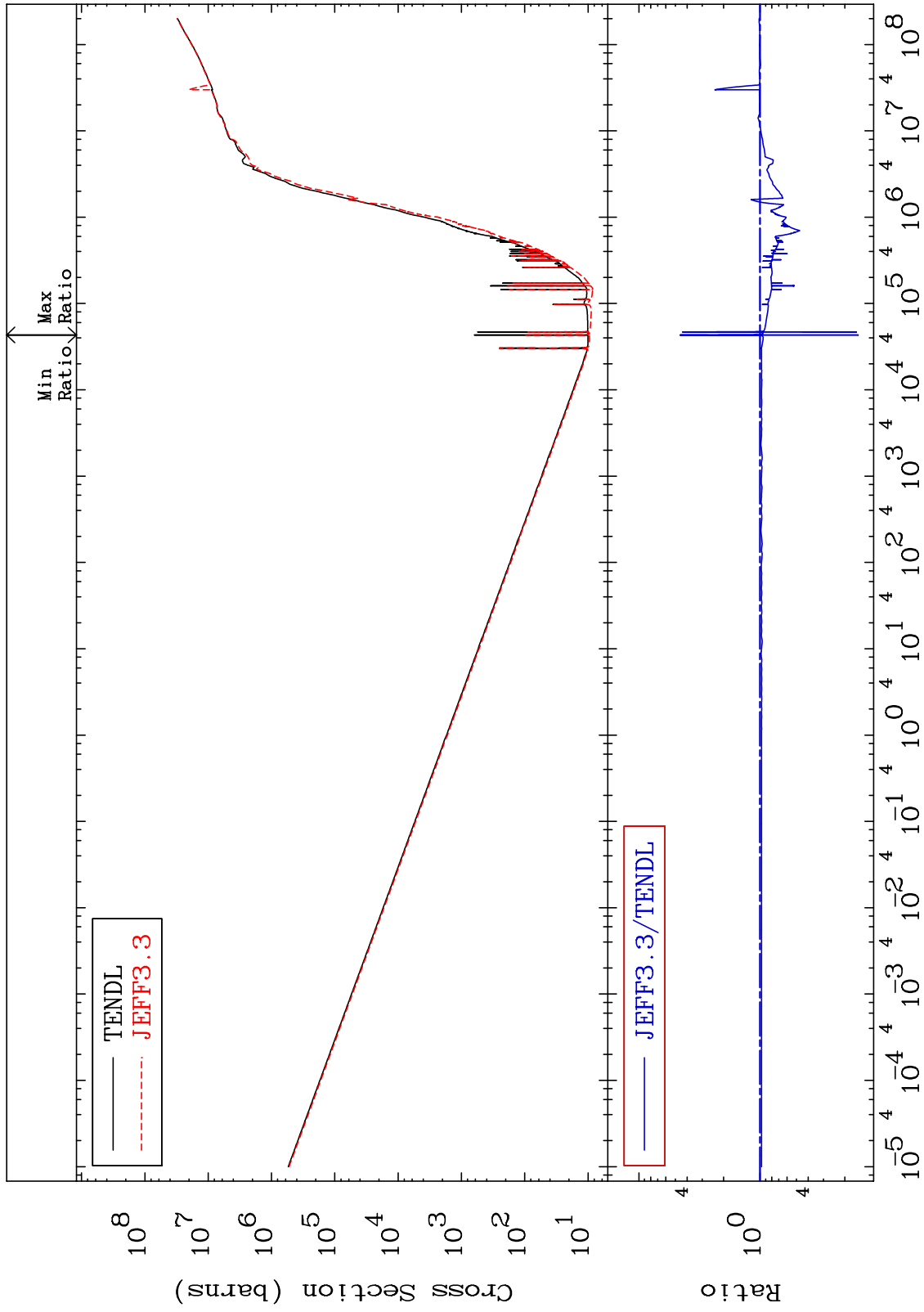
Incident Energy (eV)

16-S -32

MAT 1625

Kerma non-elastic (all but mt2)
Cross Section

16-S -32
-84.58 To 357.8 %



63

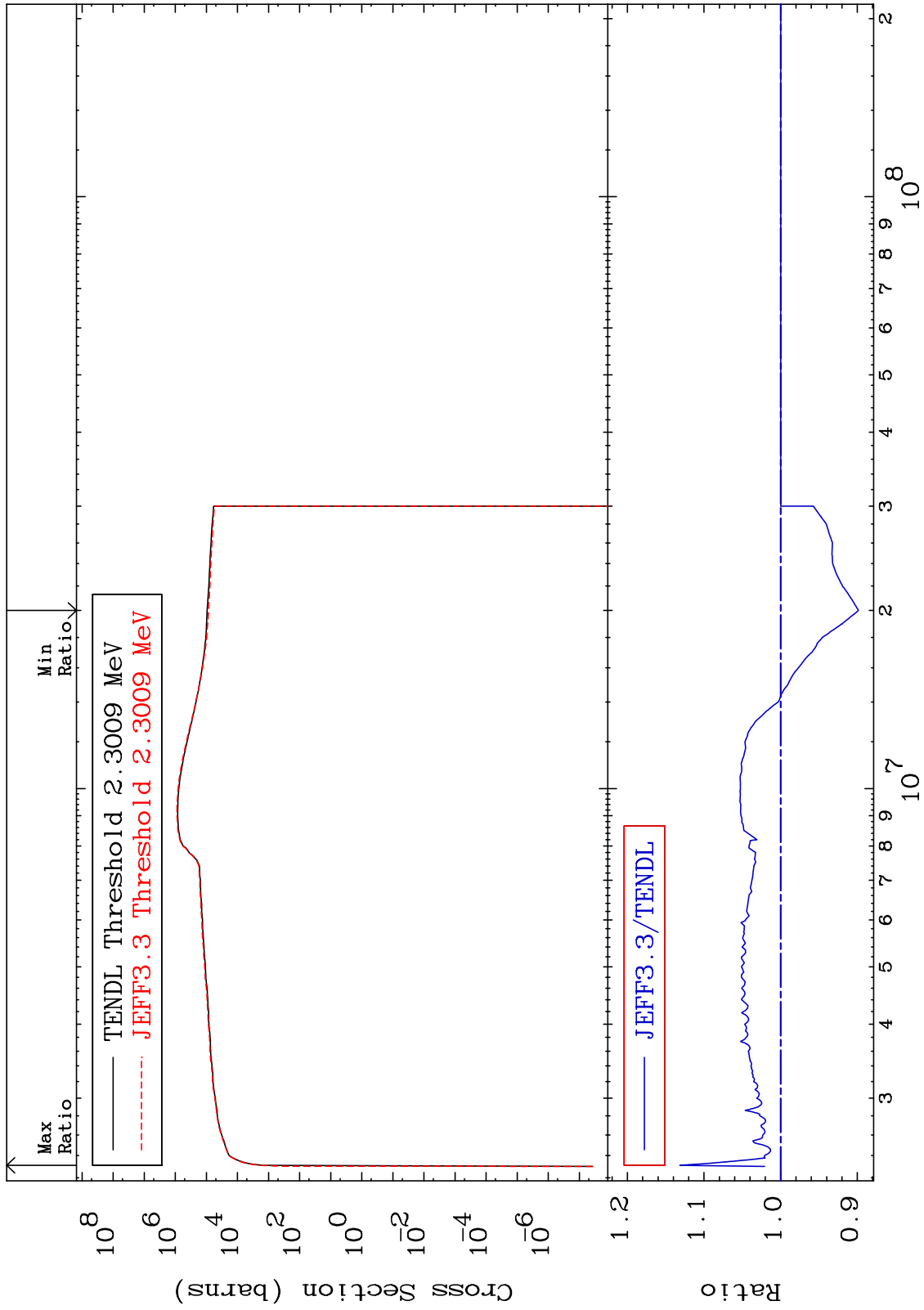
Incident Energy (eV)

16-S -32

MAT 1625

Kerma inelastic (mt51-91)
Cross Section

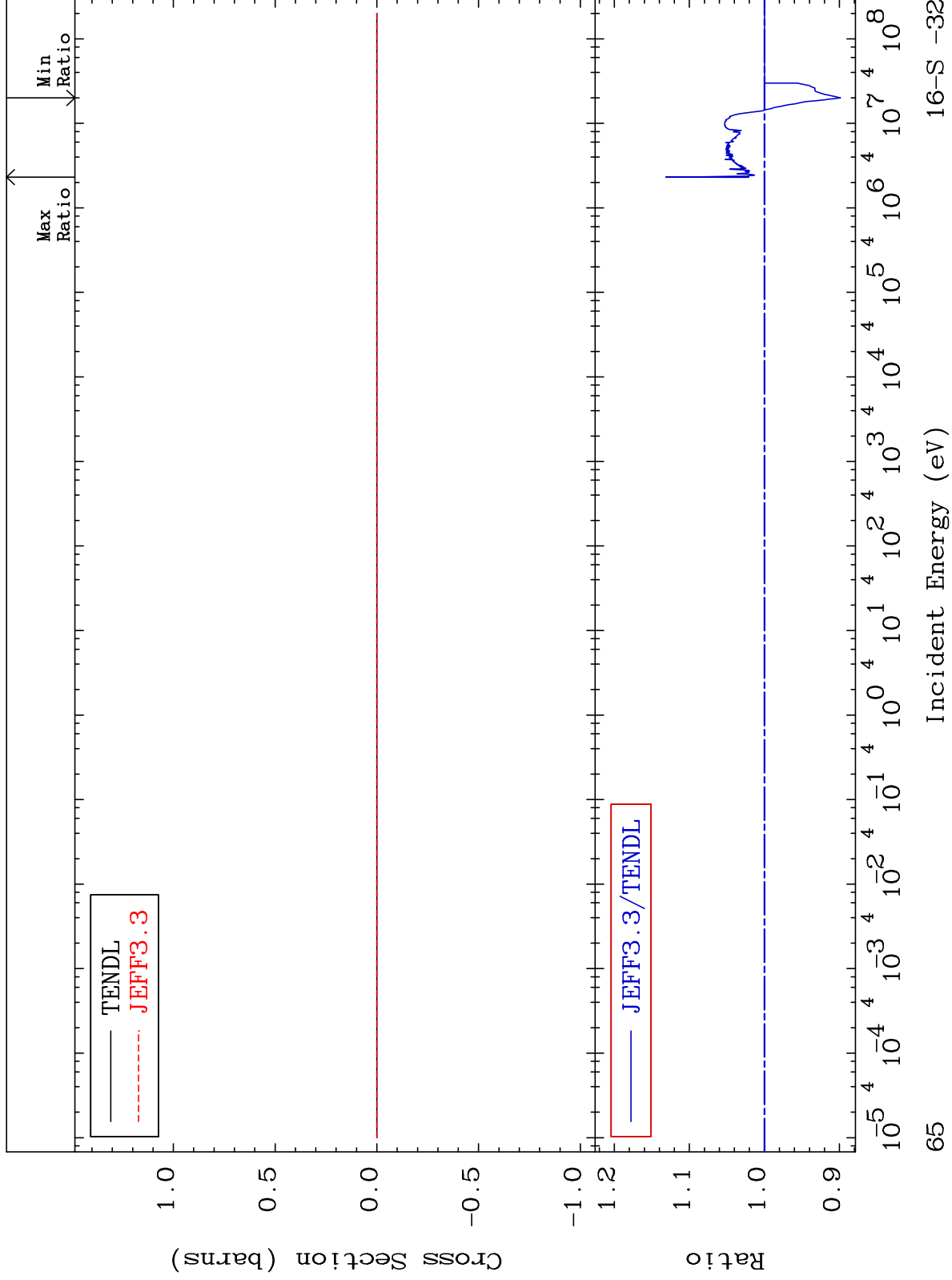
16-S -32
-10.14 To 13.13 %



MAT 1625

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

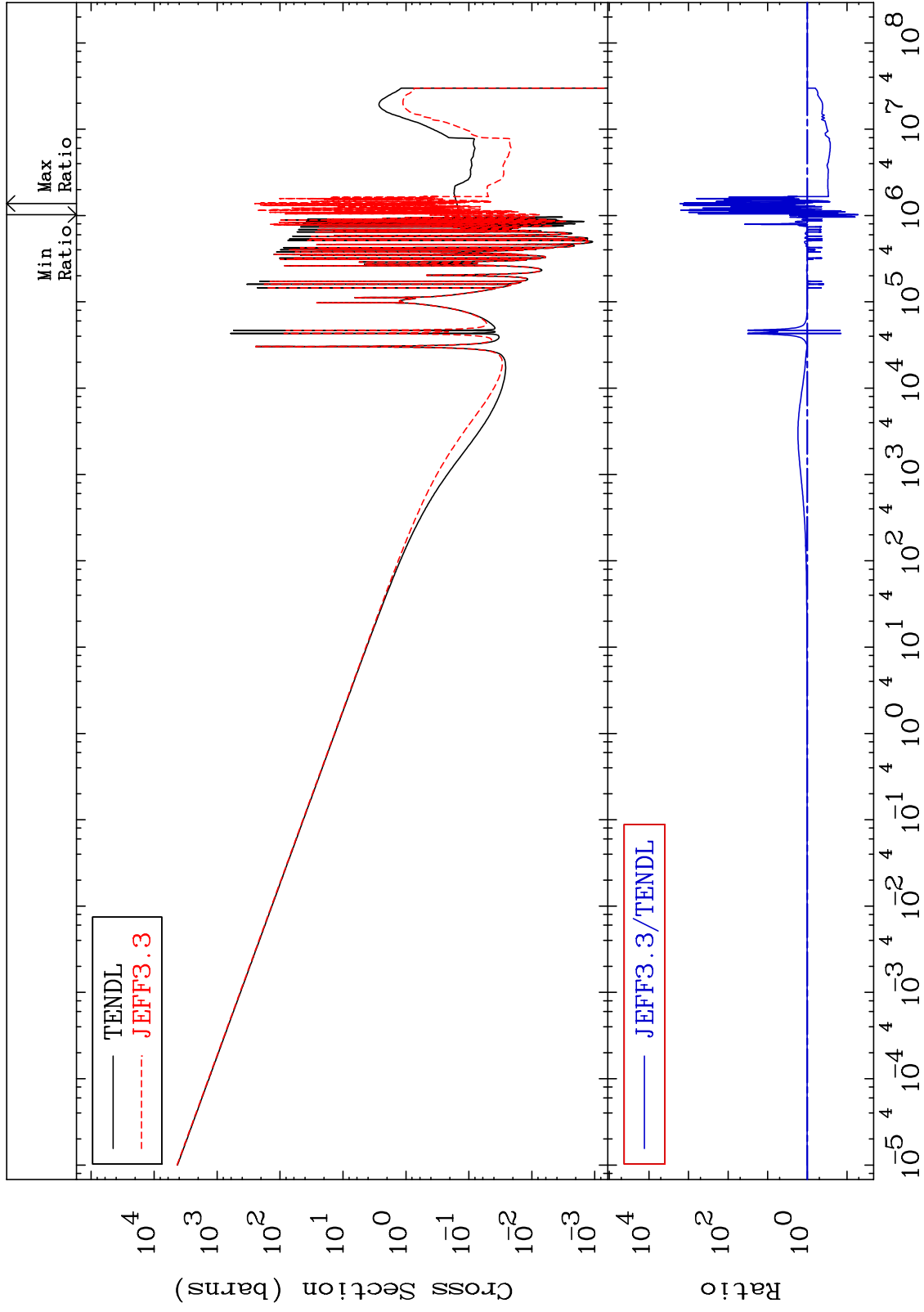
16-S -32
-10.14 To 13.13 %



MAT 1625

Kerma capture (mt102)
Cross Section

16-S -32
-94.86 To 9999. %



66

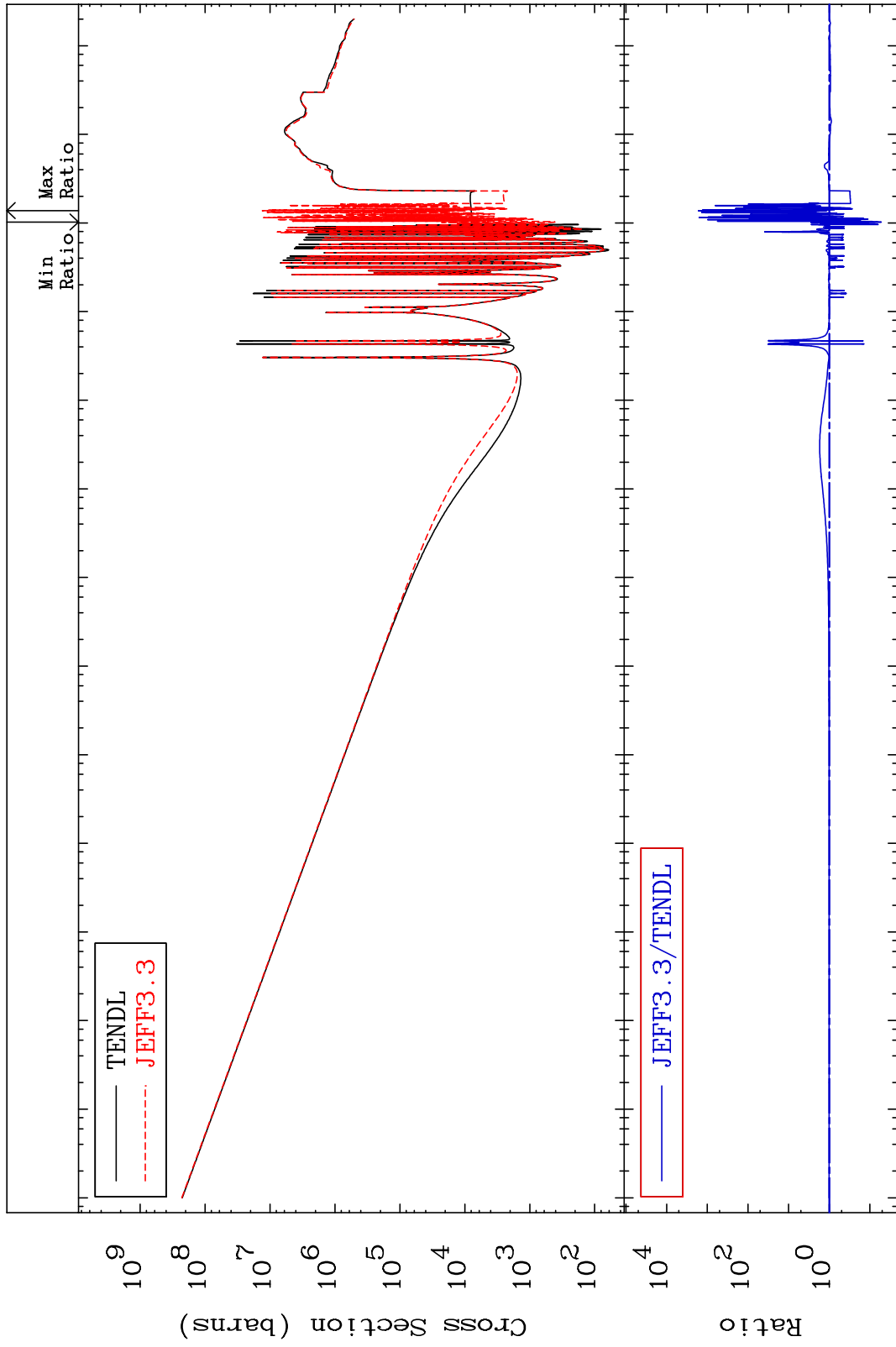
Incident Energy (eV)

16-S -32

MAT 1625

Total photon (eV-barns)
Cross Section

16-S -32
-94.82 To 9999. %



67

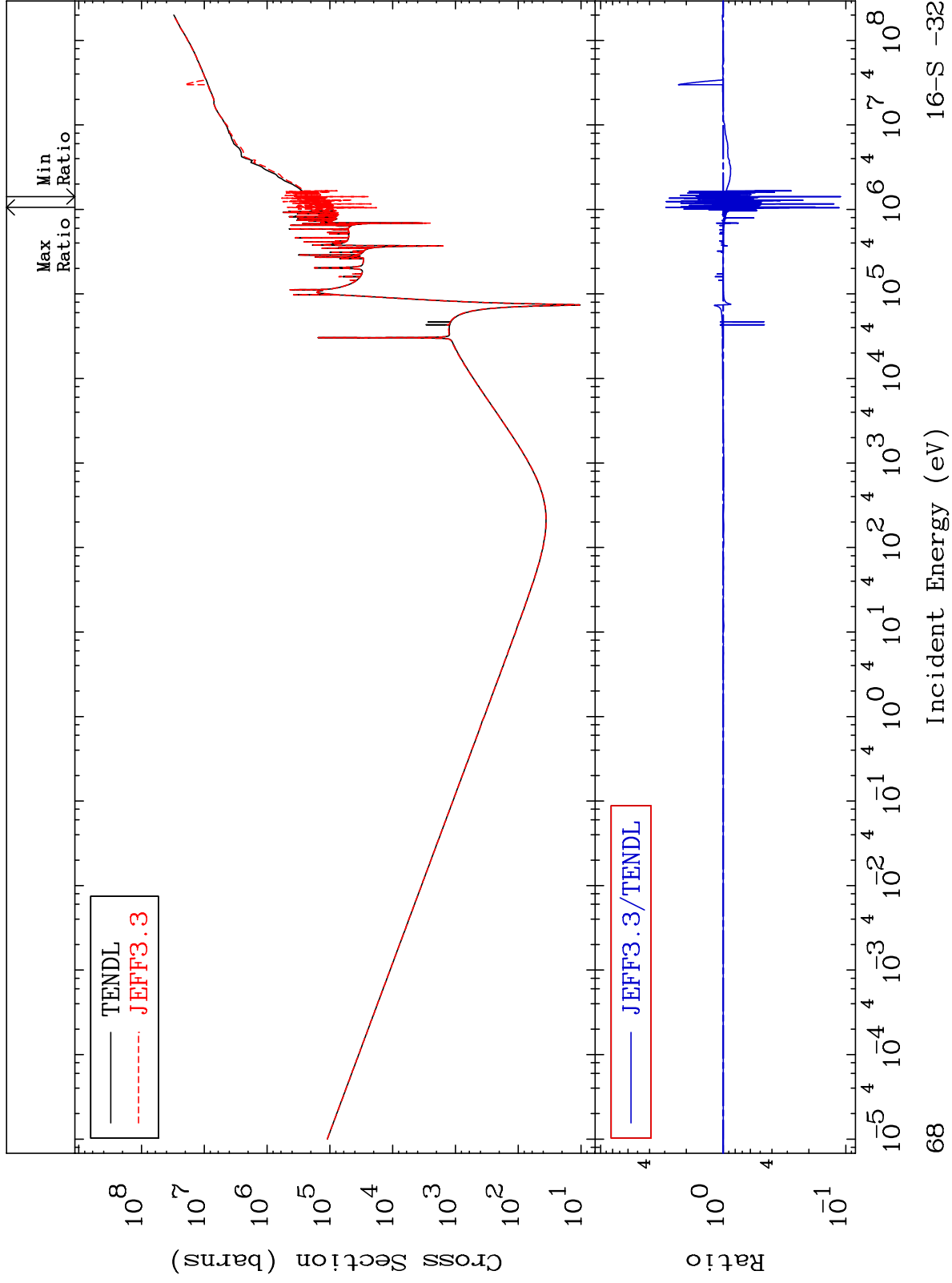
Incident Energy (eV)

16-S -32

MAT 1625

Total kinematic kerma (high limit)
Cross Section

16-S -32
-88.95 To 194.0 %



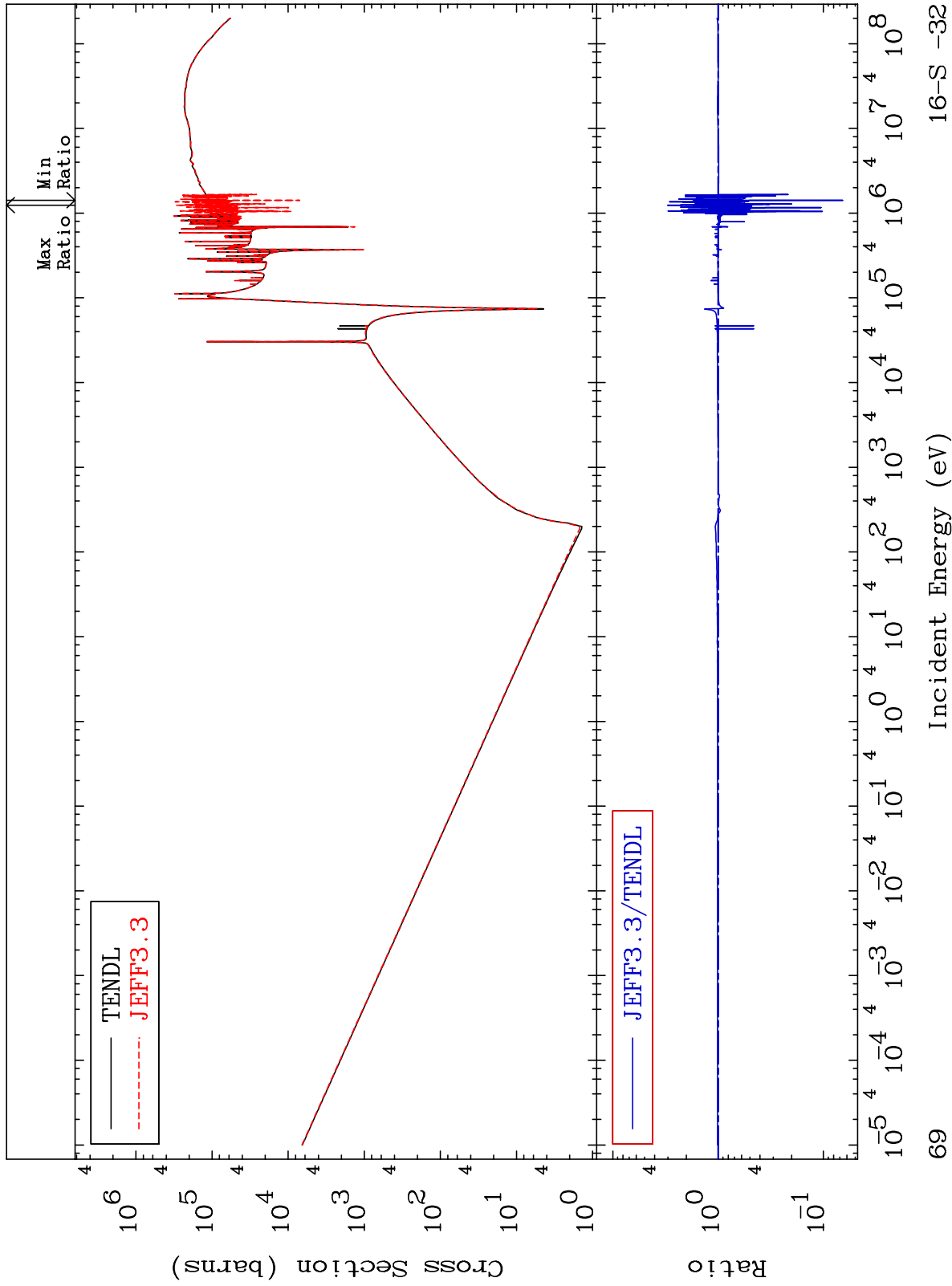
68

16-S -32

MAT 1625

Dpa total (eV-barns)
Cross Section

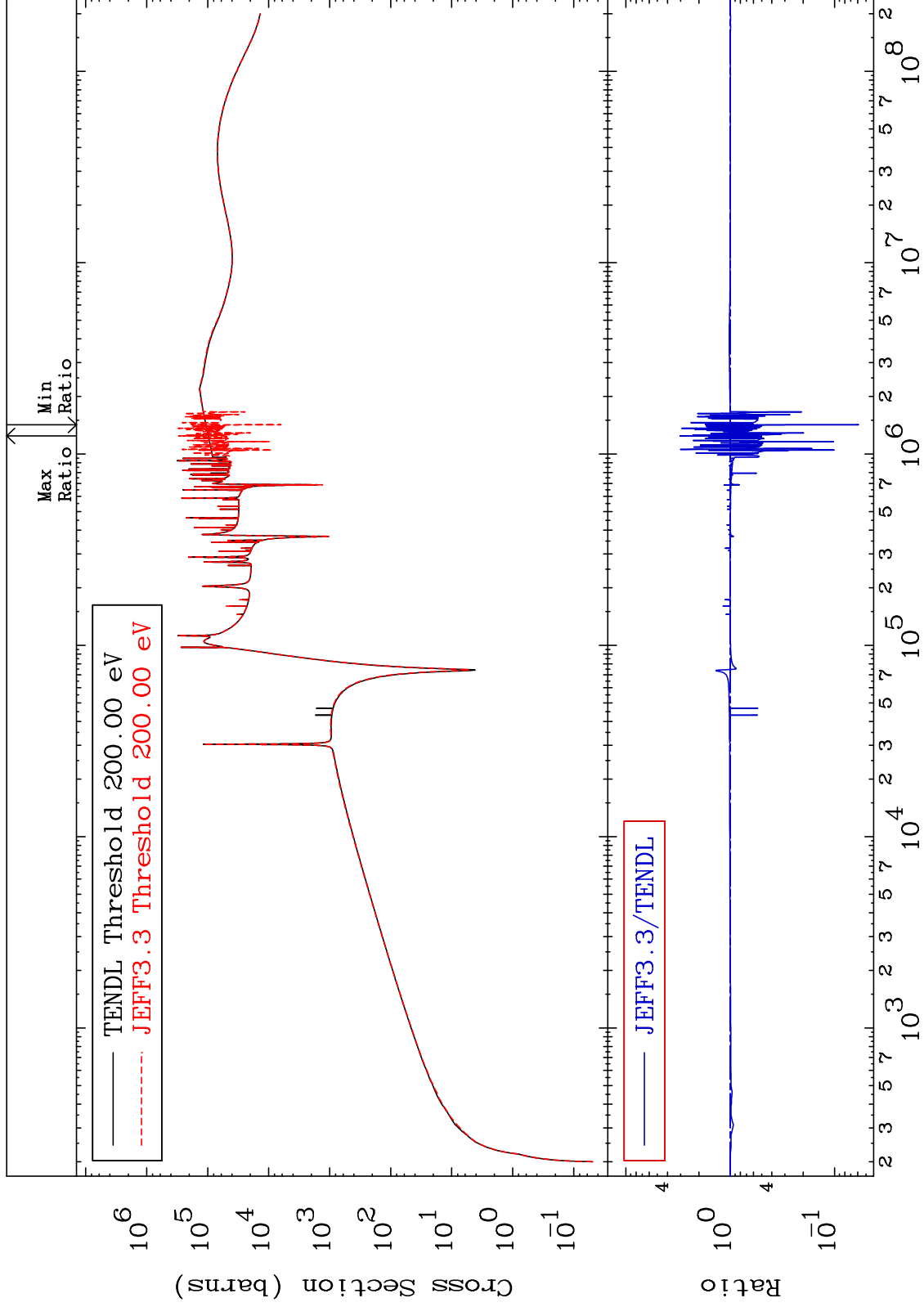
16-S -32
-93.43 To 202.1 %



MAT 1625

Dpa elastic (mt2)
Cross Section

16-S -32
-94.08 To 203.2 %



70

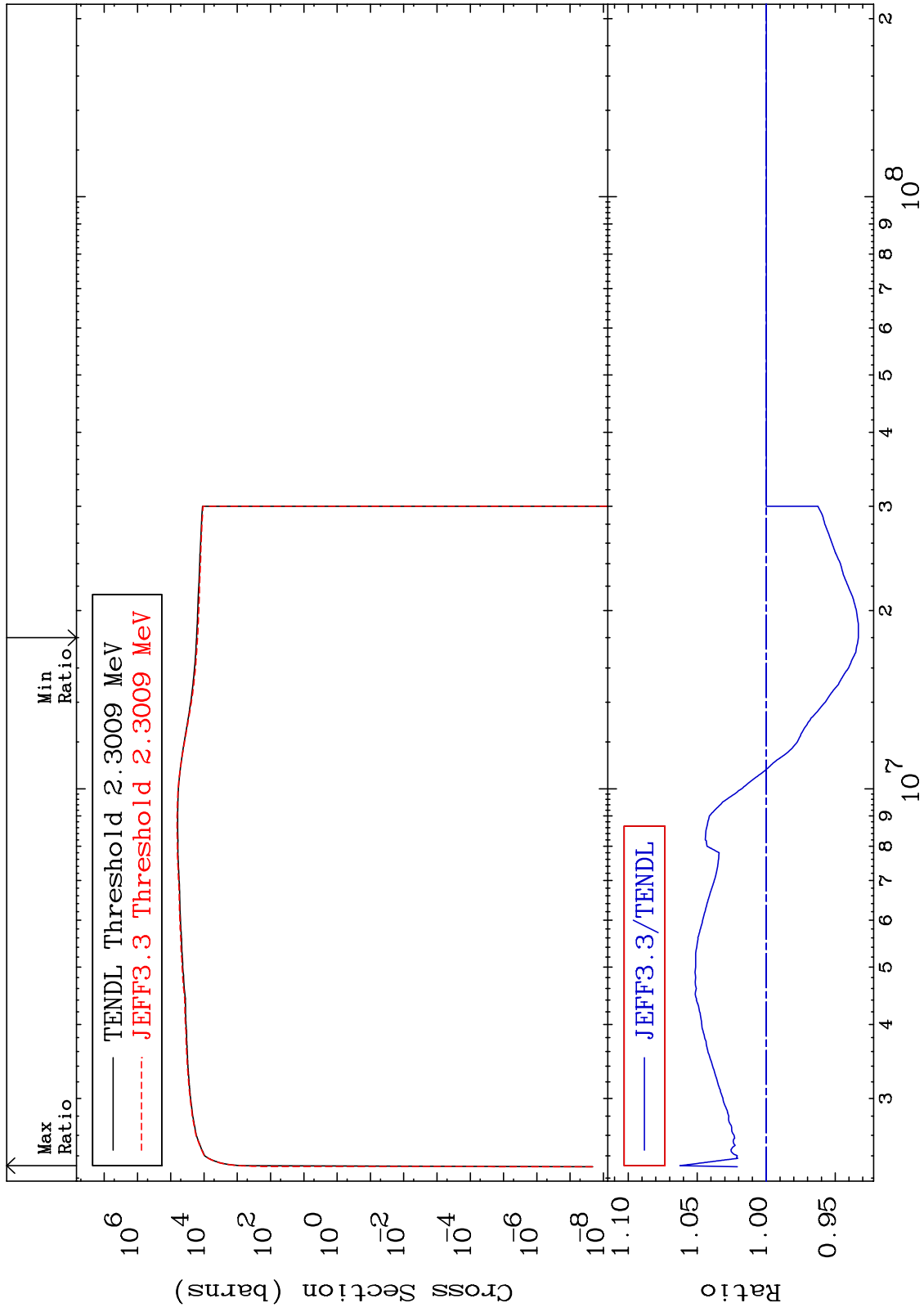
Incident Energy (eV)

16-S -32

MAT 1625

Dpa inelastic (mt51-91)
Cross Section

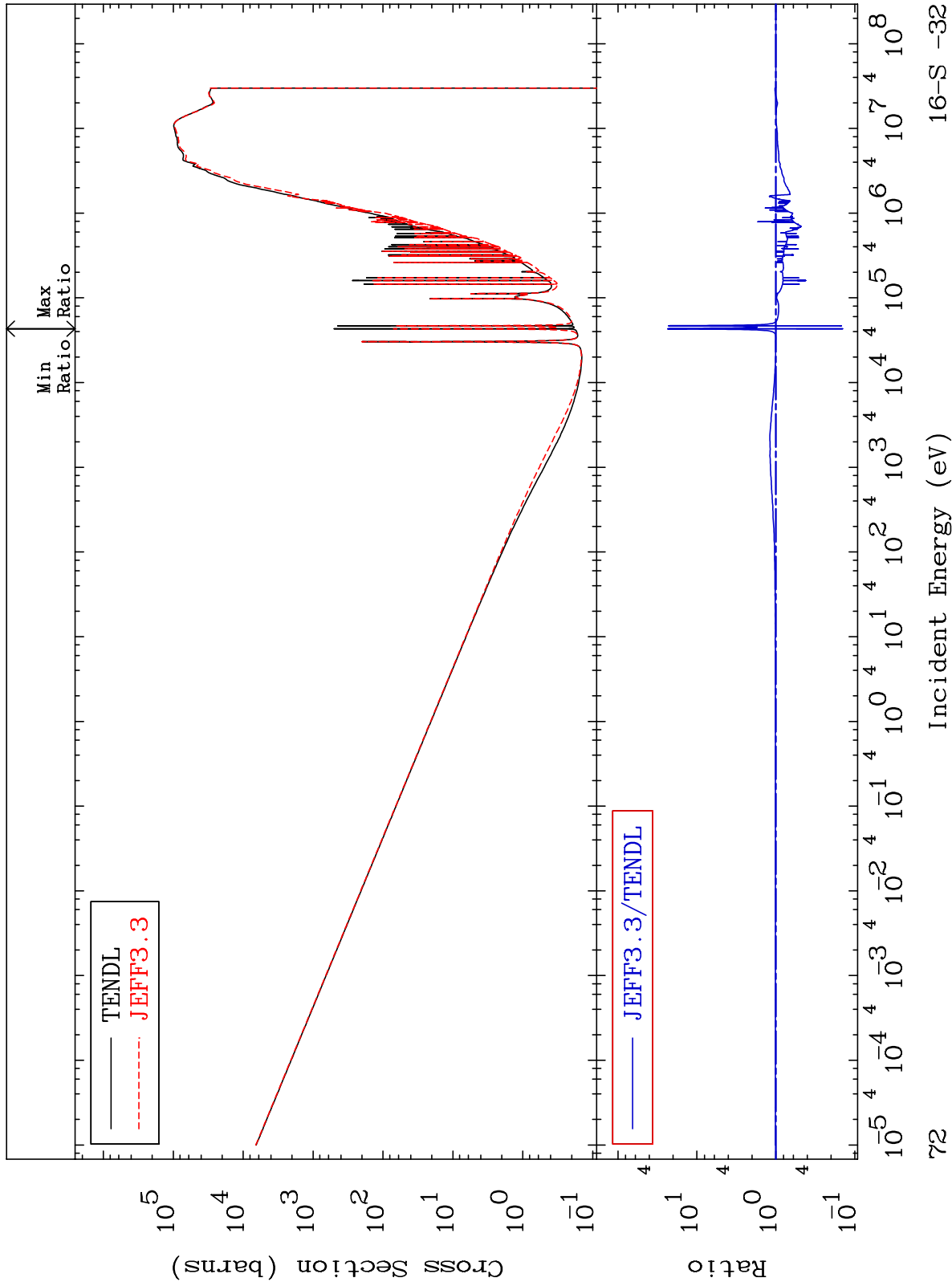
16-S -32
-6.679 To 6.247 %



MAT 1625

Dpa disappearance (mt102 -120)
Cross Section

16-S -32
-85.75 To 2253. %



72

16-S -32