

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

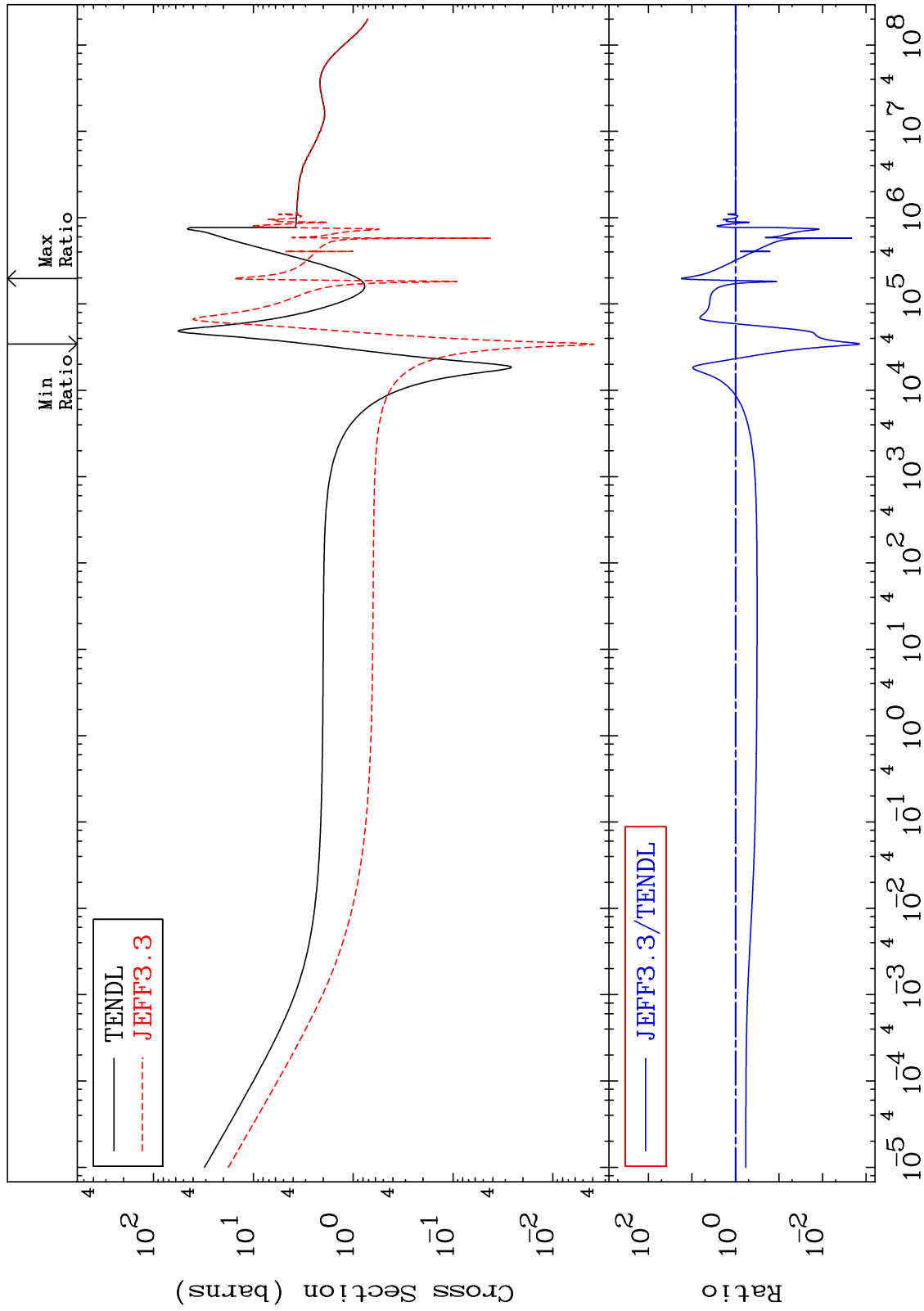
MAT 1637

Total

16-S -36

Cross Section

-99.86 To 1657. %



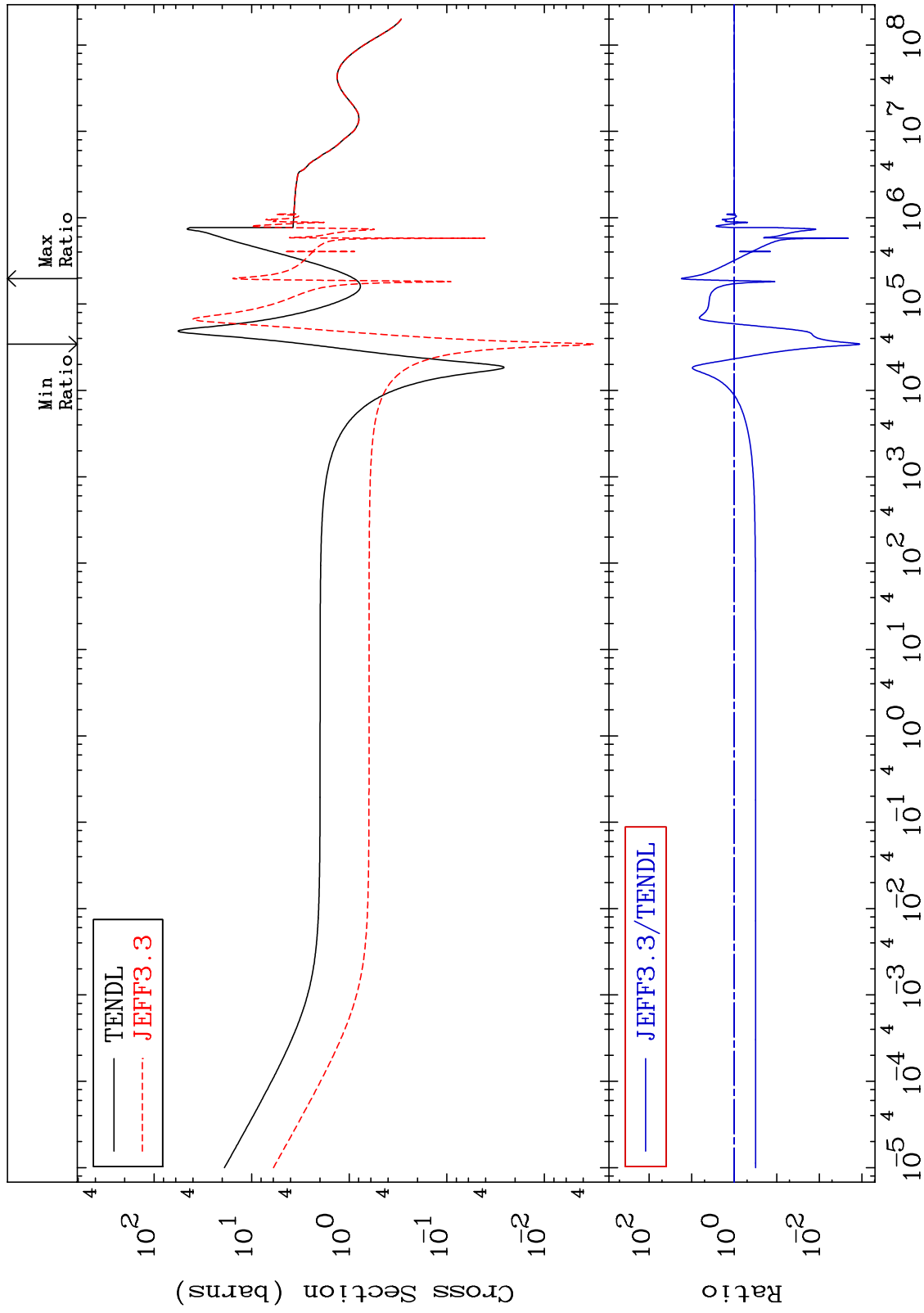
Incident Energy (eV)

16-S -36

MAT 1637

Elastic
Cross Section

16-S -36
-99.89 To 1656. %

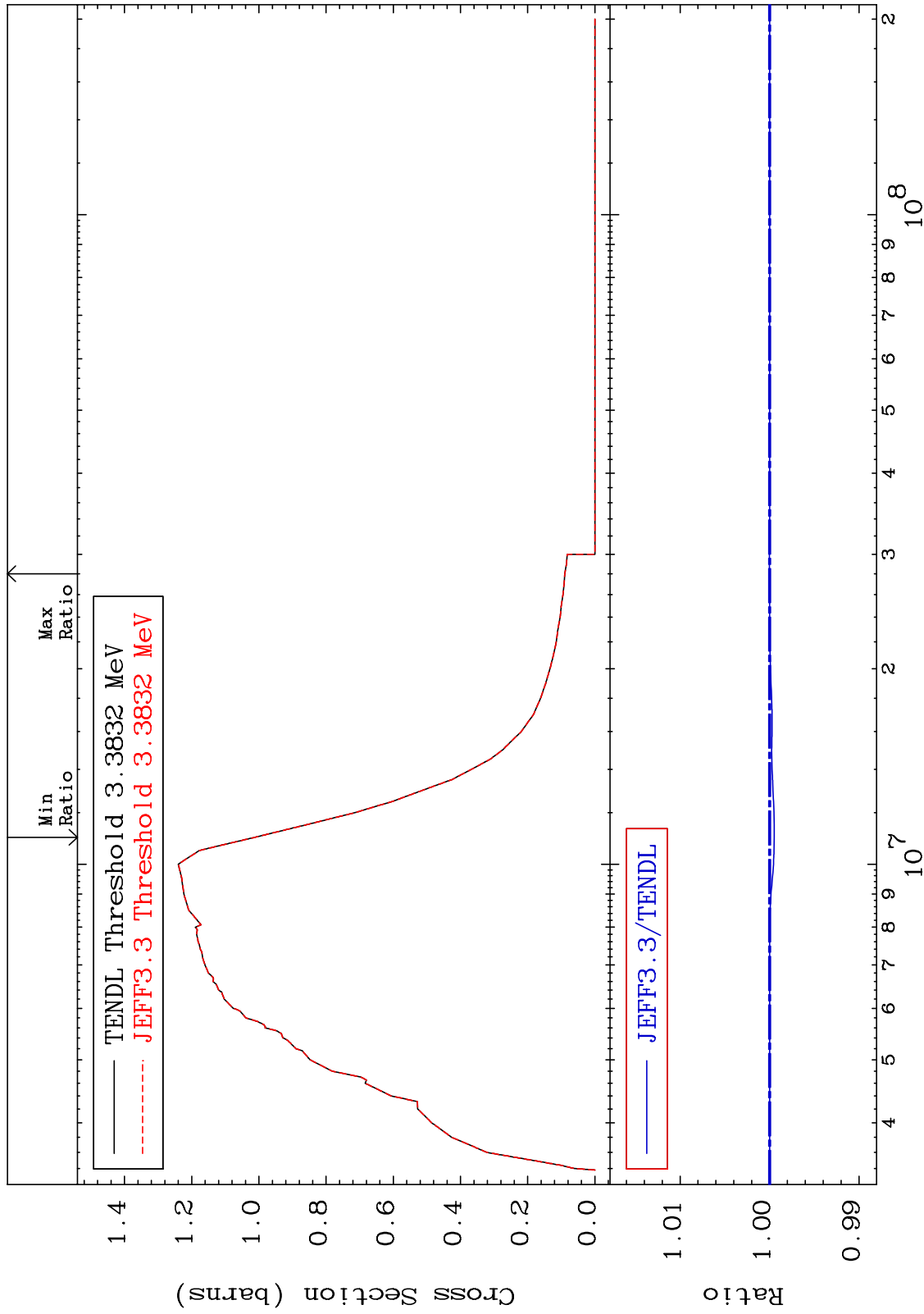


MAT 1637

Inelastic
Cross Section

16-S -36

-0.053 To 0.000 %

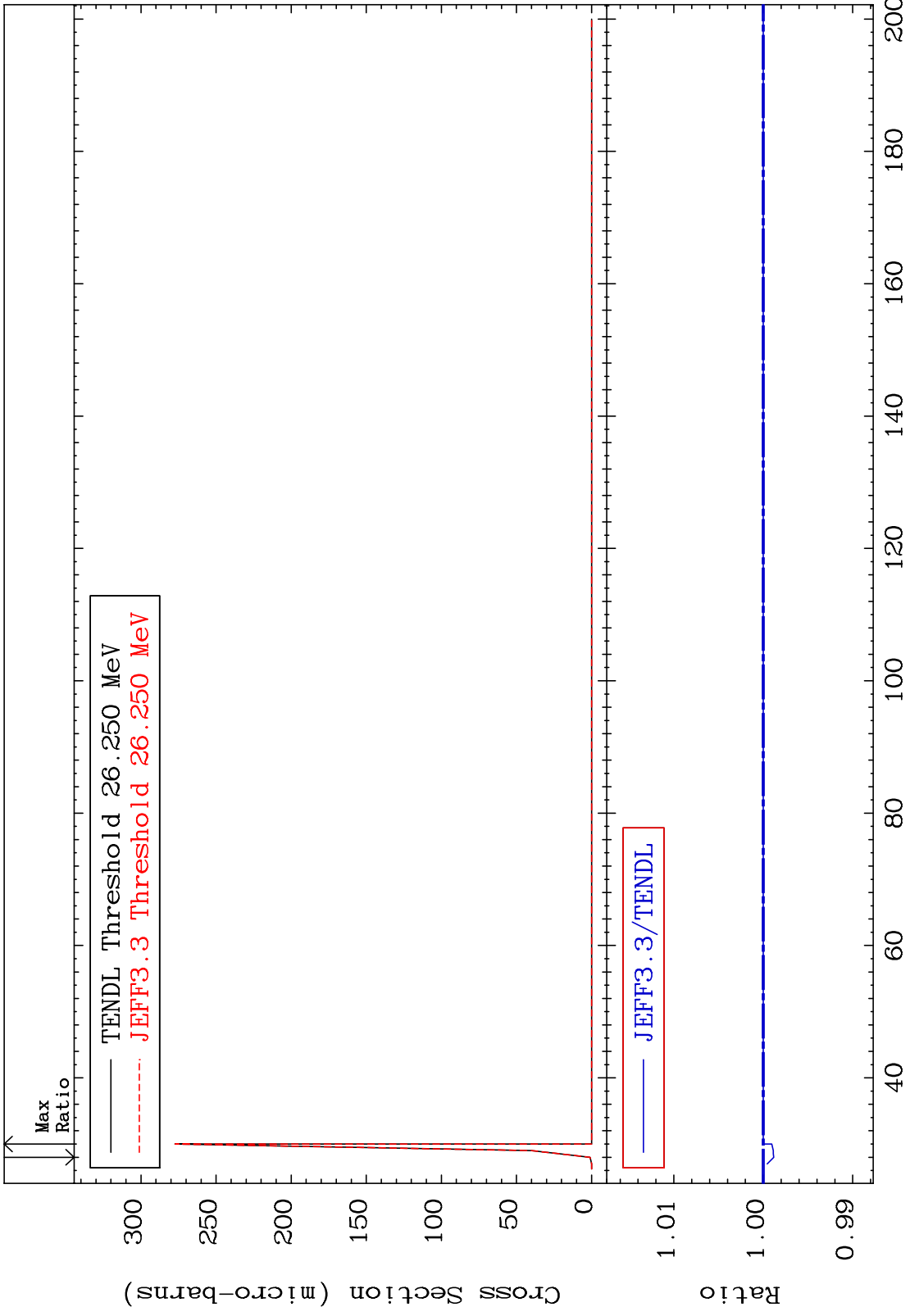


3

Incident Energy (eV)

16-S -36

MAT 1637 (n,2n) d 16-S -36
 Cross Section -0.117 To 0.000 %



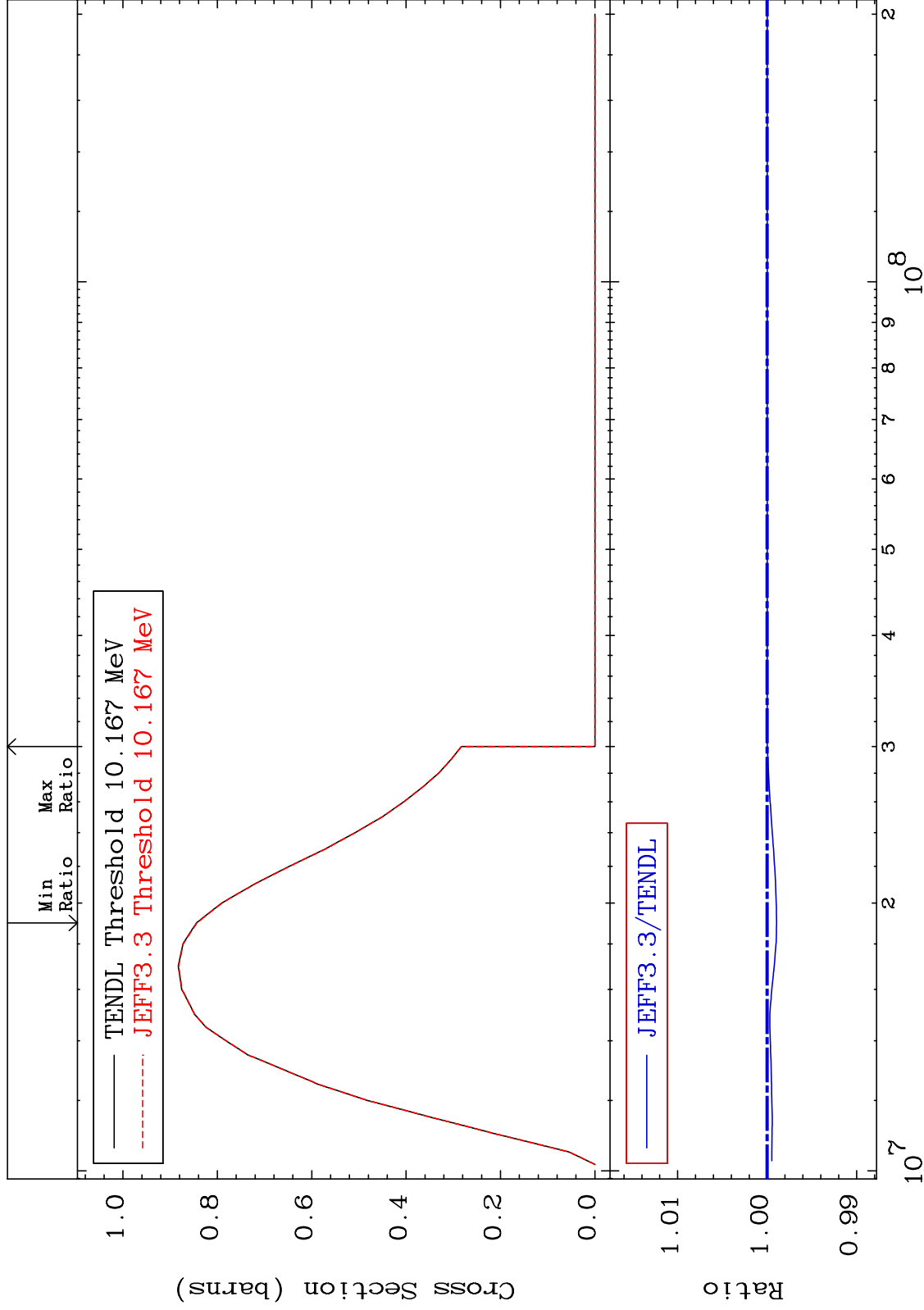
MAT 1637

(n,2n)

16-S -36

-0.106 To 0.000 %

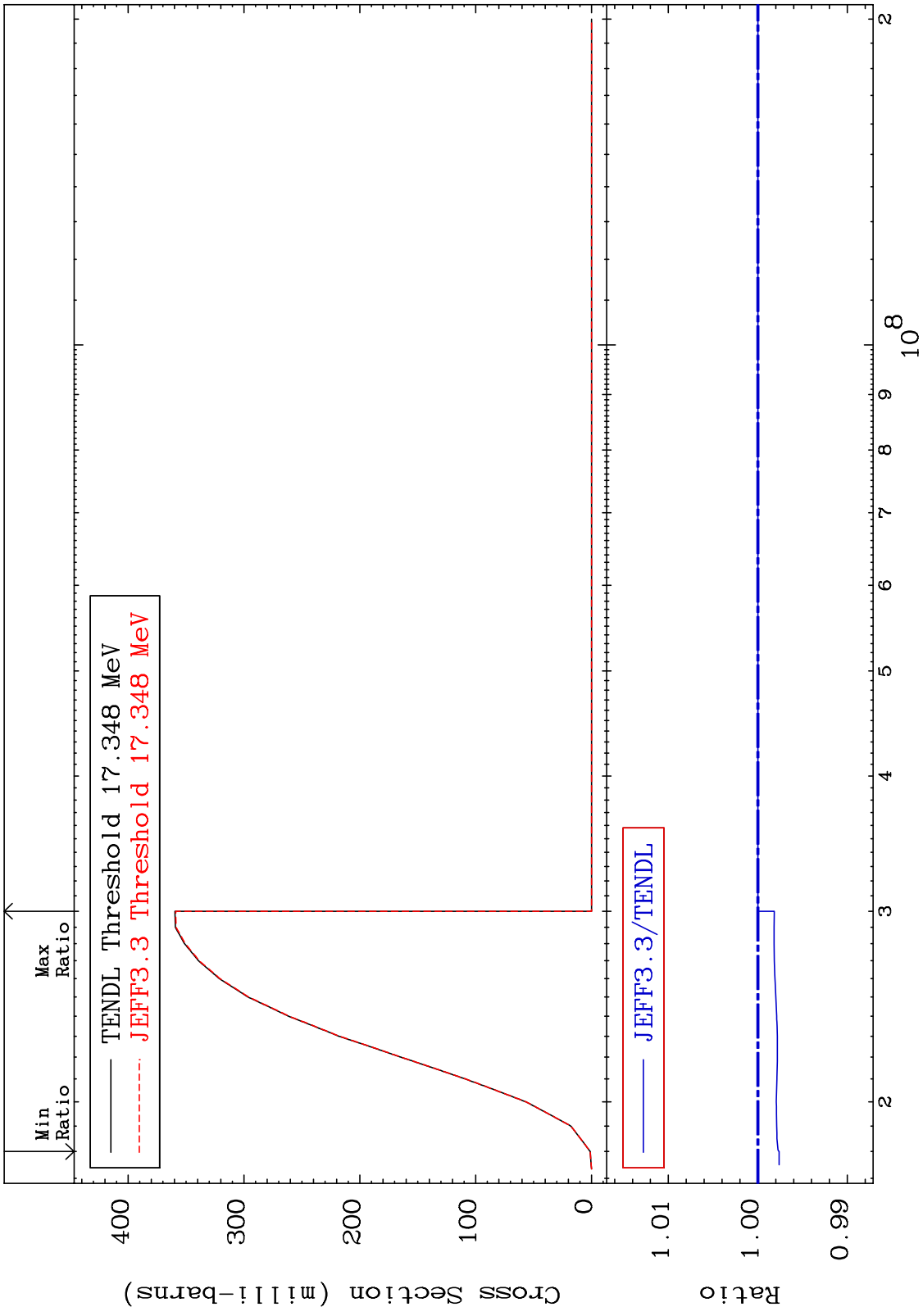
Cross Section



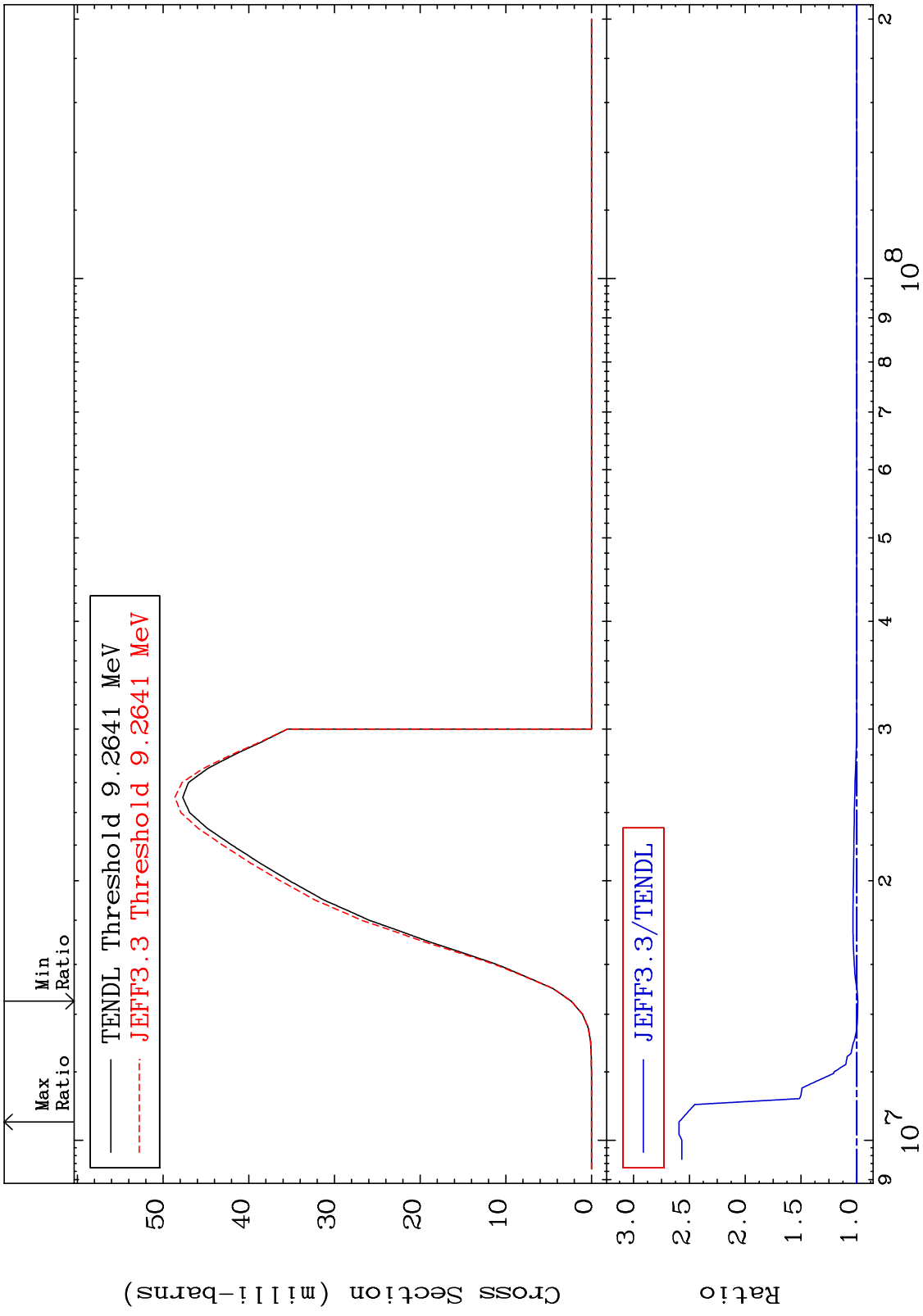
16-S -36

16-S -36

MAT 1637 (n,3n) Cross Section 16-S -36
-0.237 To 0.000 %

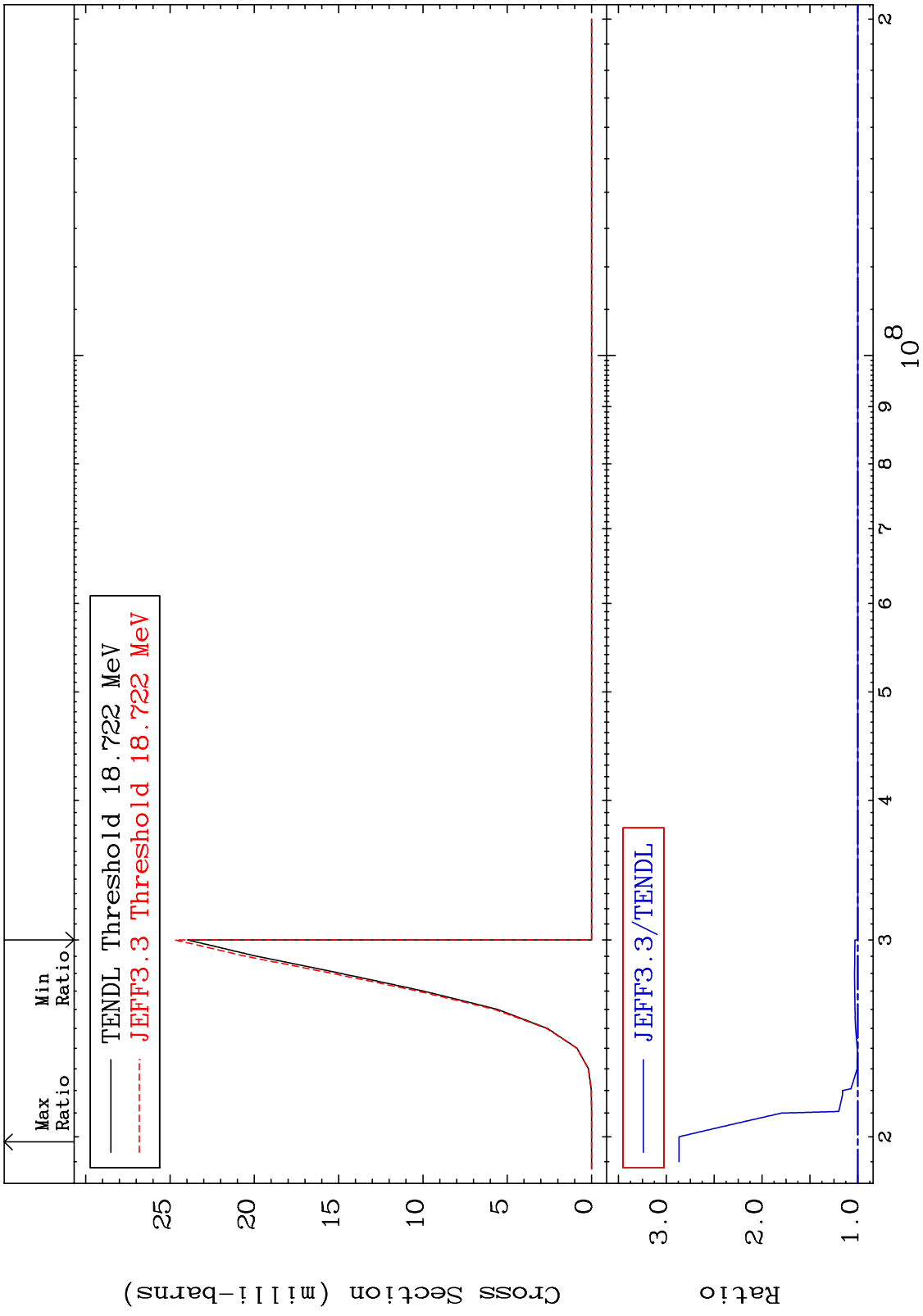


MAT 1637 (n,n') α 16-S -36
Cross Section -0.926 To 159.3 %

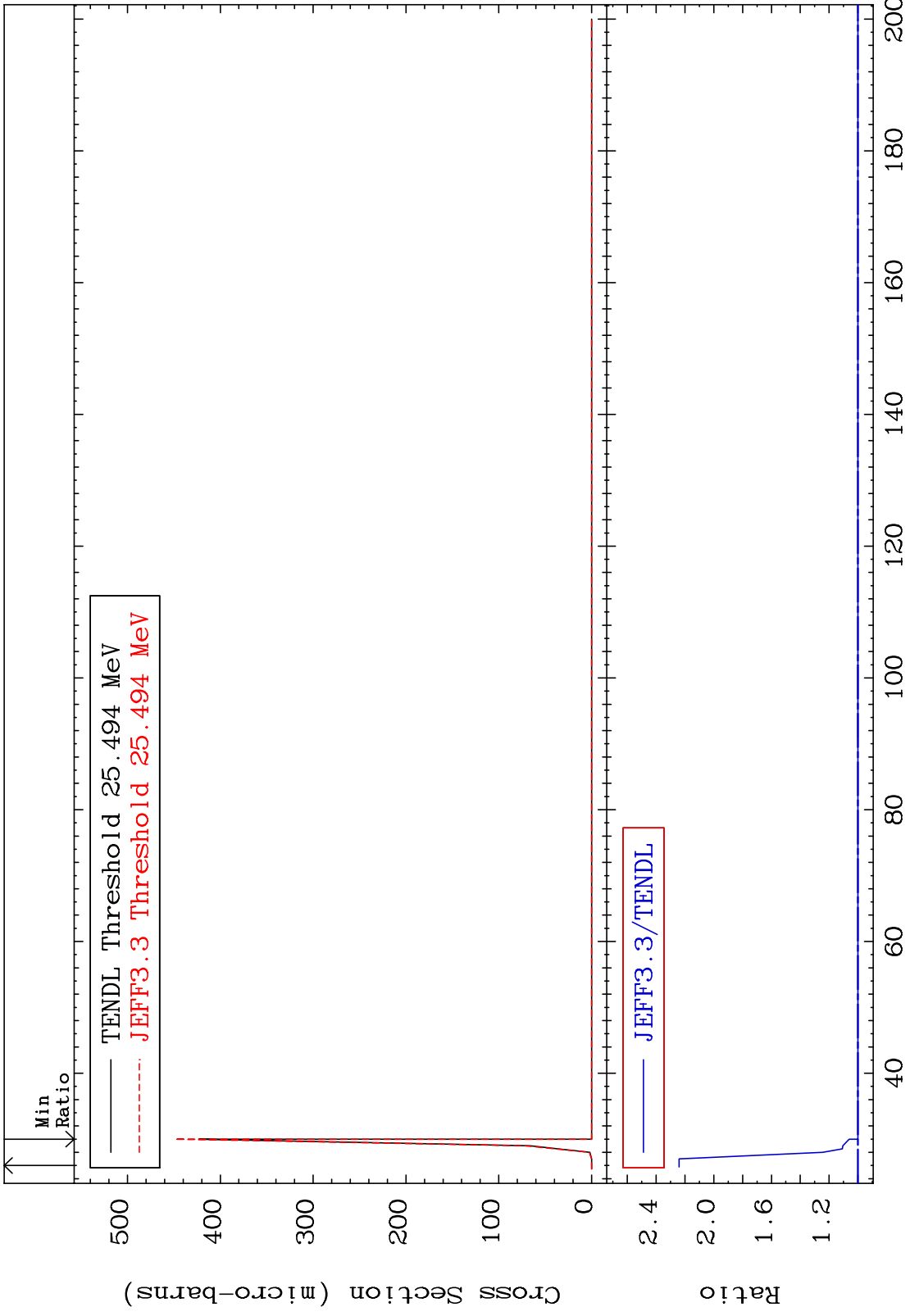


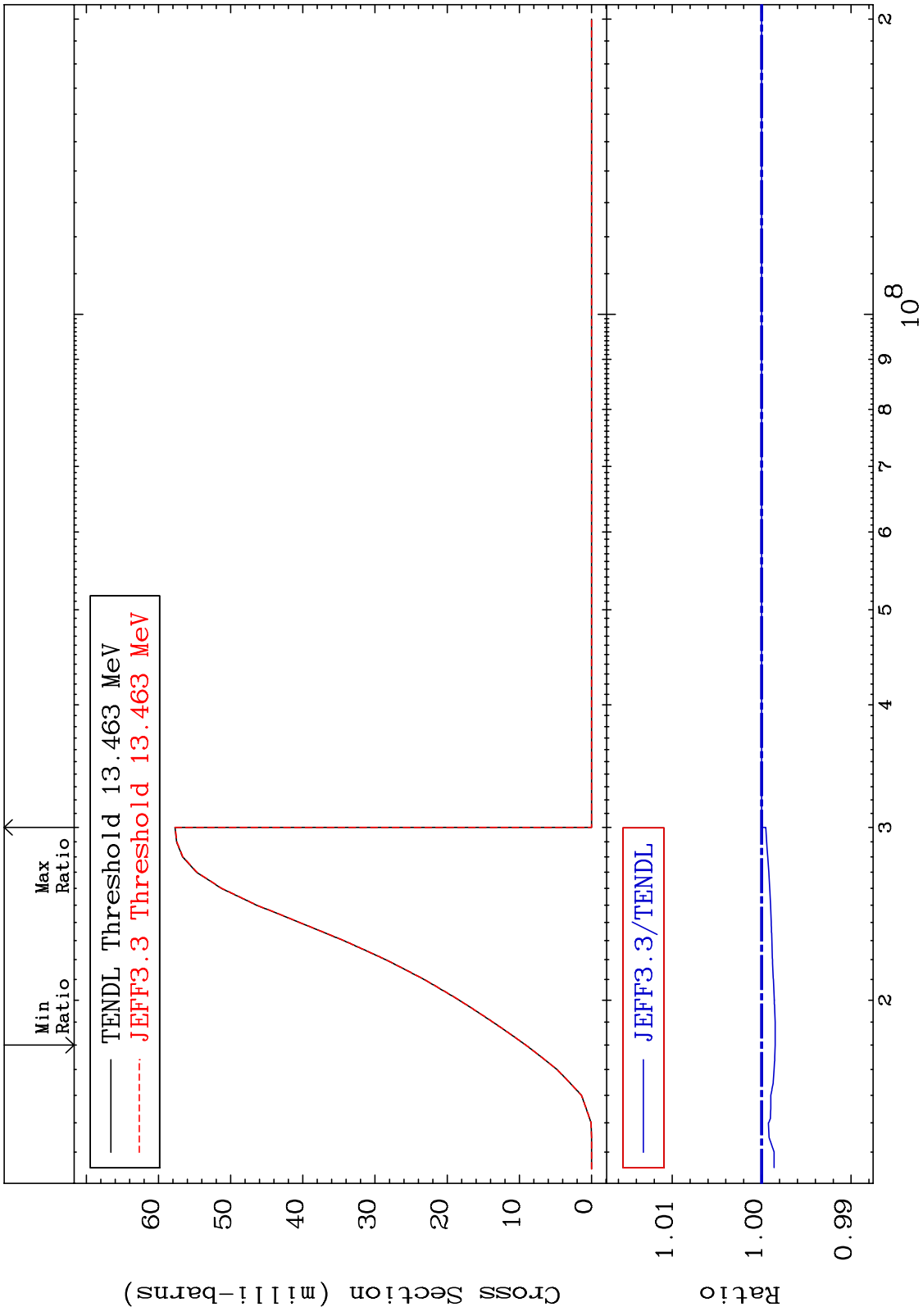
Incident Energy (eV) 16-S -36

MAT 1637 $(n, 2n) \alpha$ 16-S -36
 Cross Section 0.000 To 186.7 %

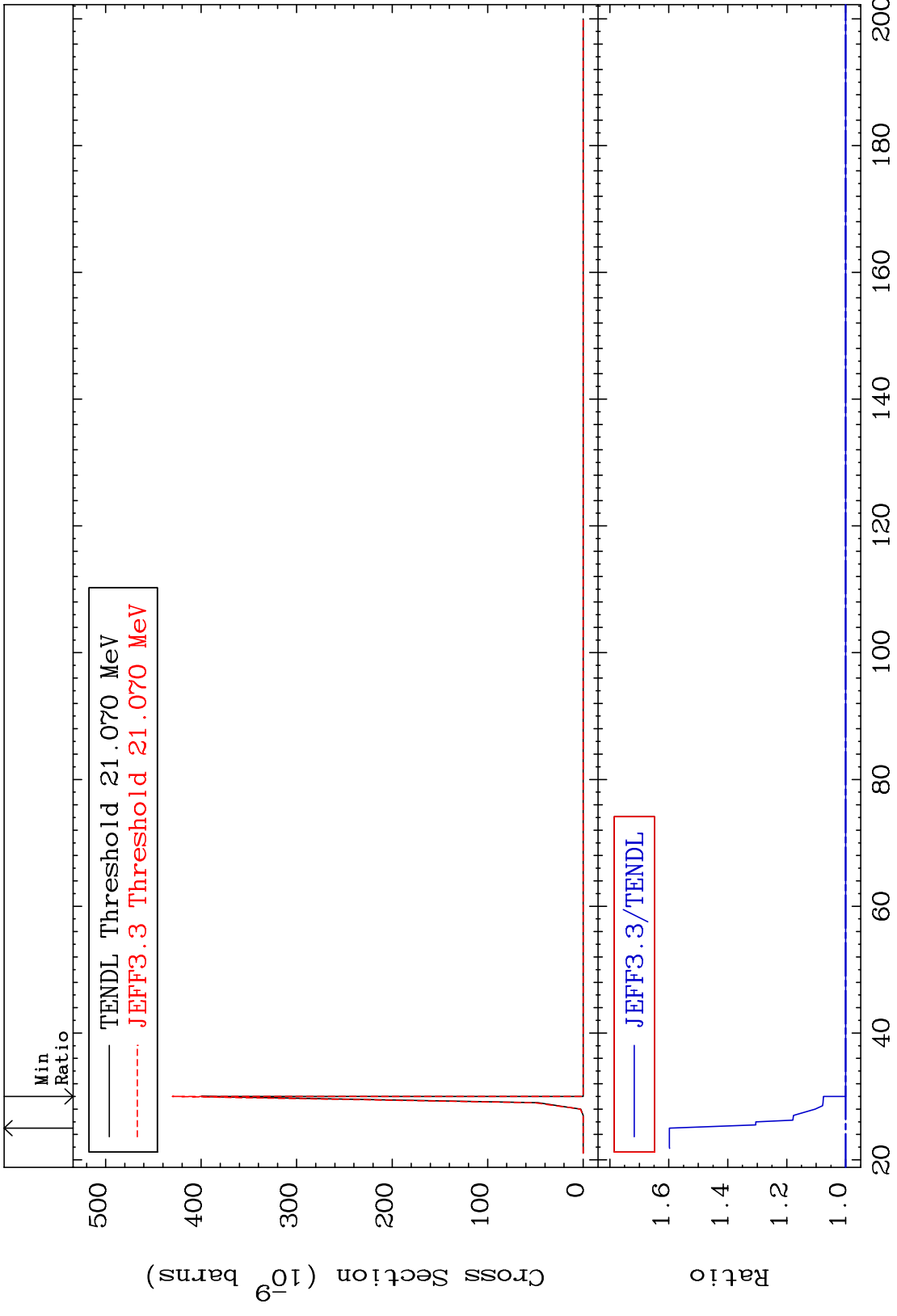


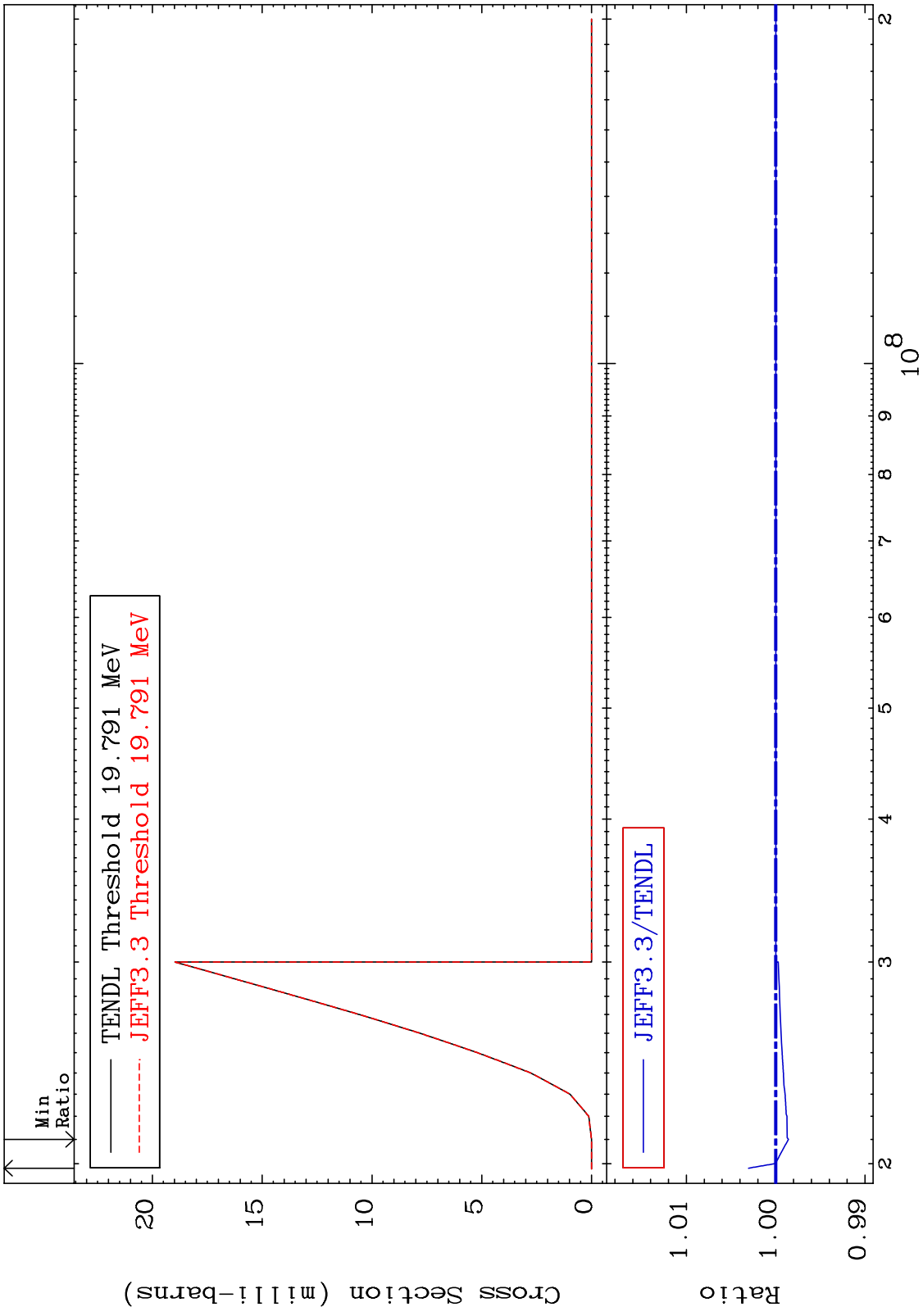
MAT 1637 (n,3n) α 16-S -36
Cross Section 0.000 To 124.0 %

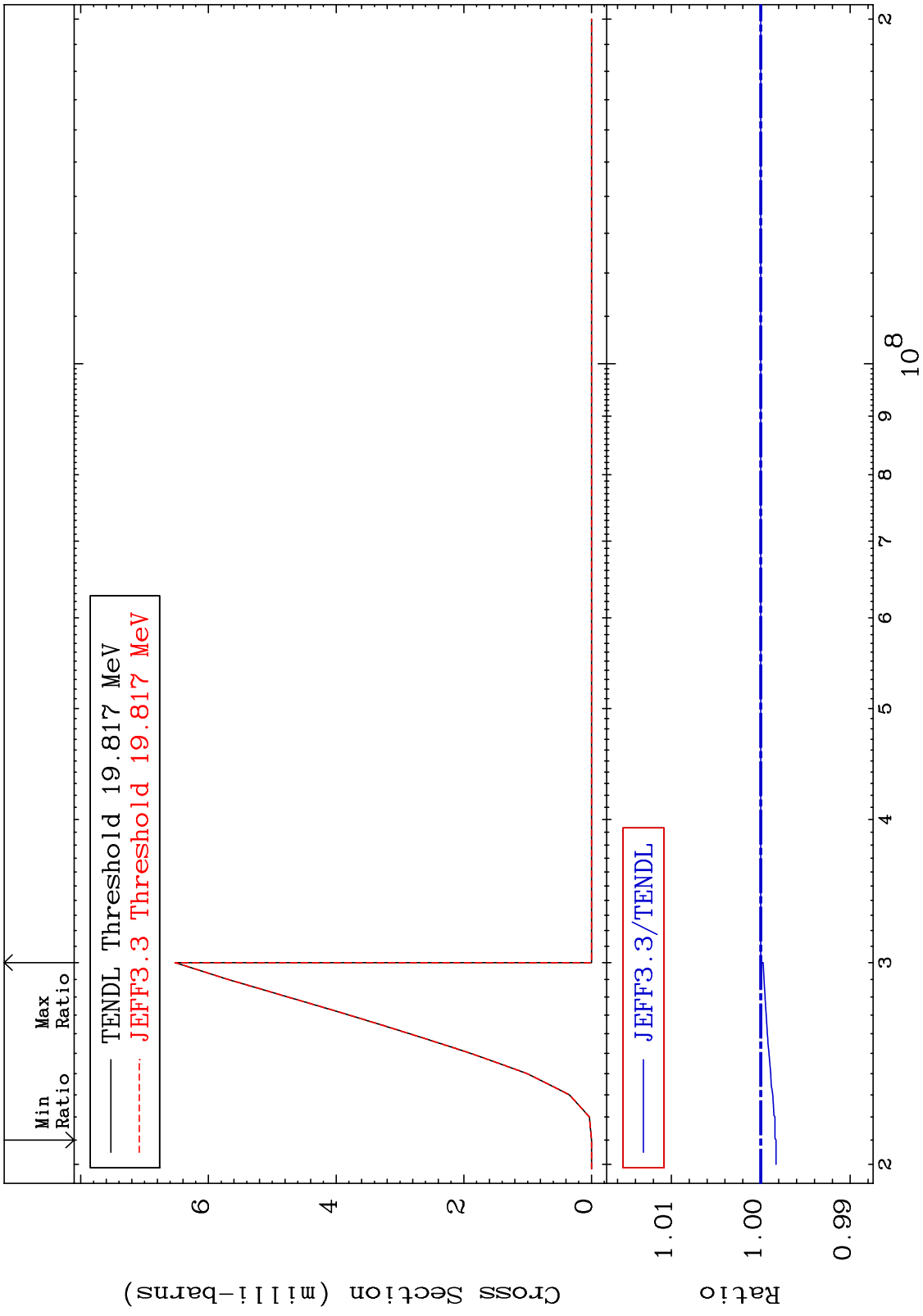




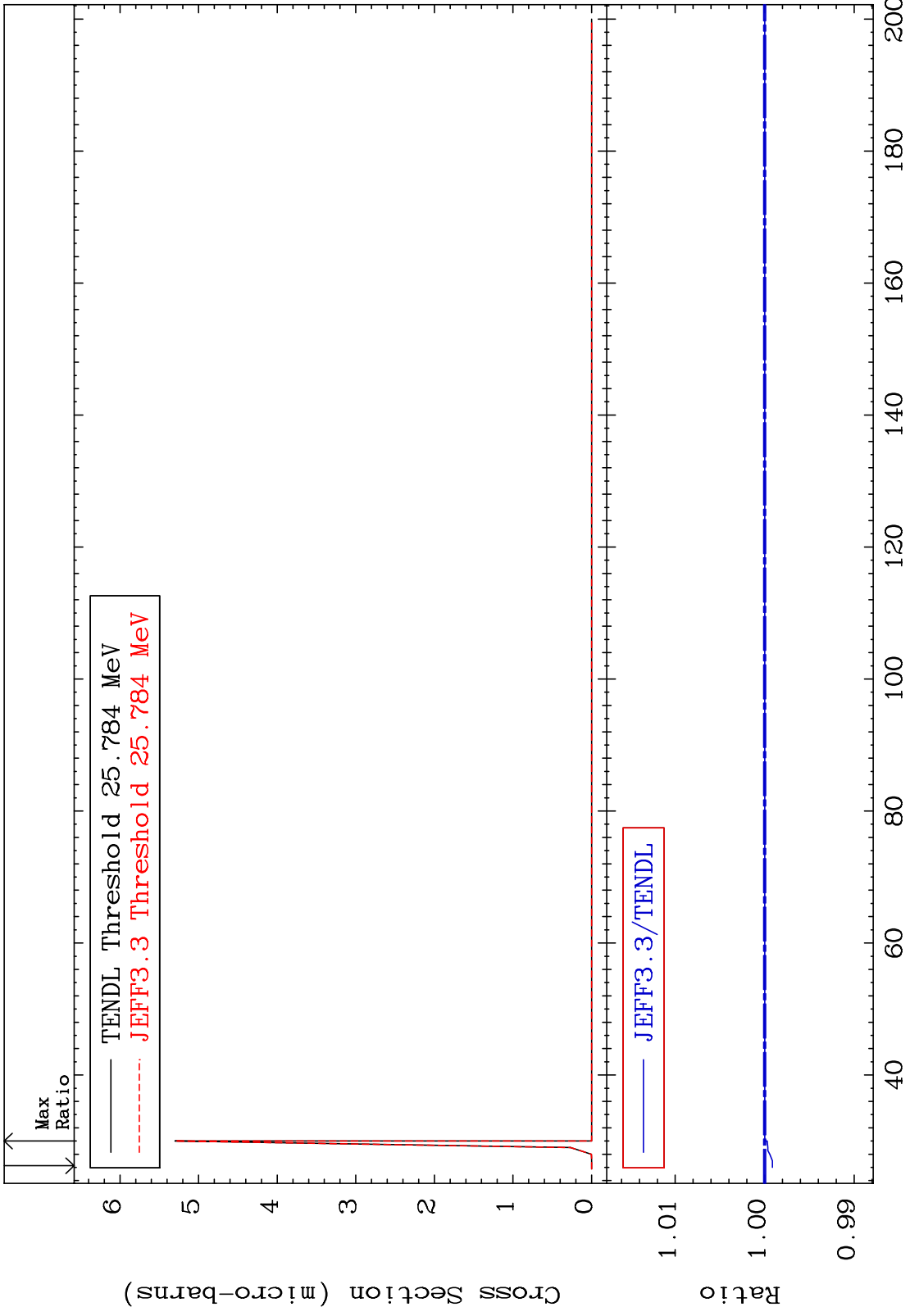
MAT 1637 (n,n') 2α 16-S -36
 Cross Section 0.000 To 59.79 %



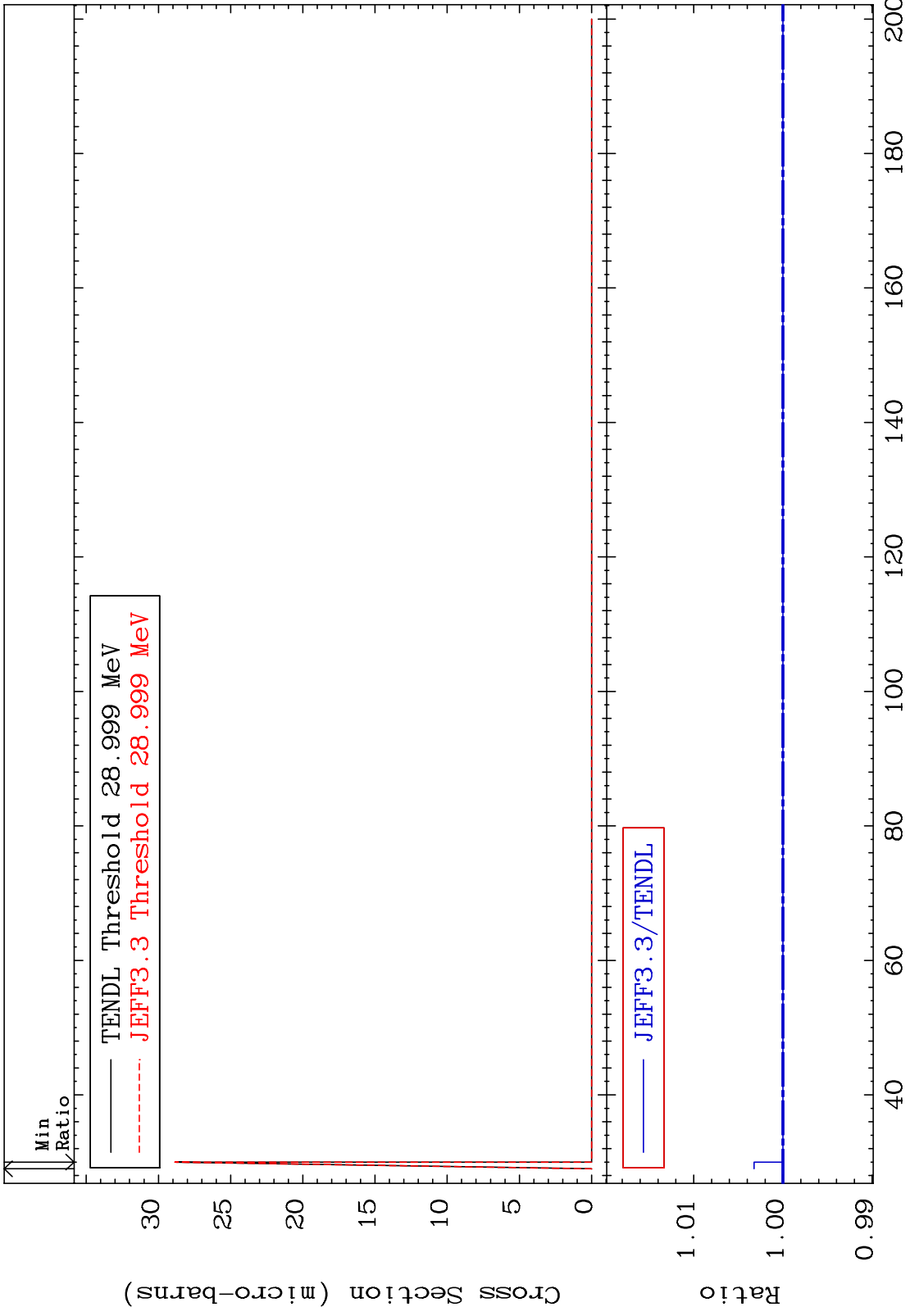




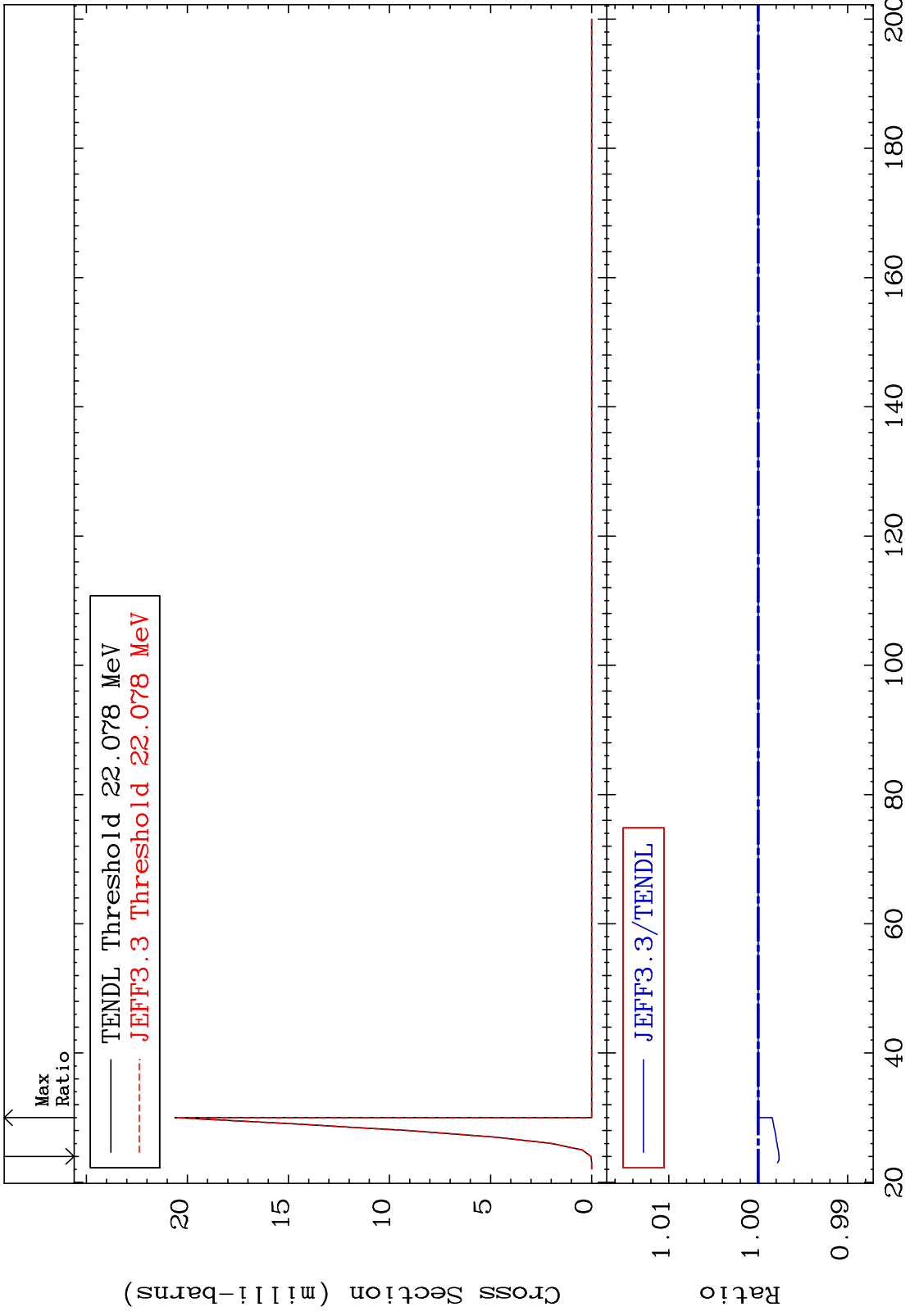
MAT 1637 (n, n') He-3 16-S -36
Cross Section -0.087 To 0.000 %



MAT 1637 (n,4n) 16-S -36
Cross Section 0.000 To 0.323 %

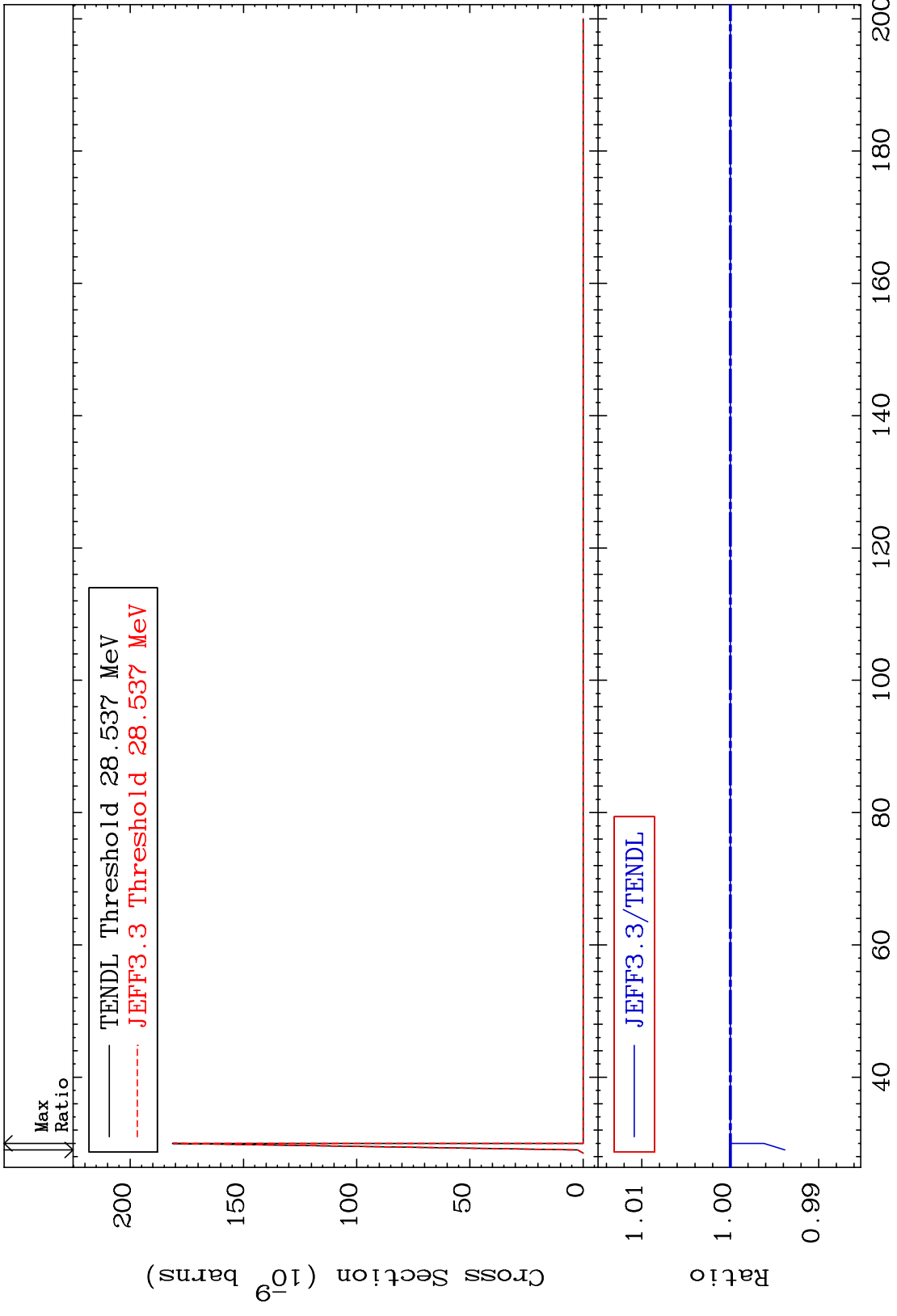


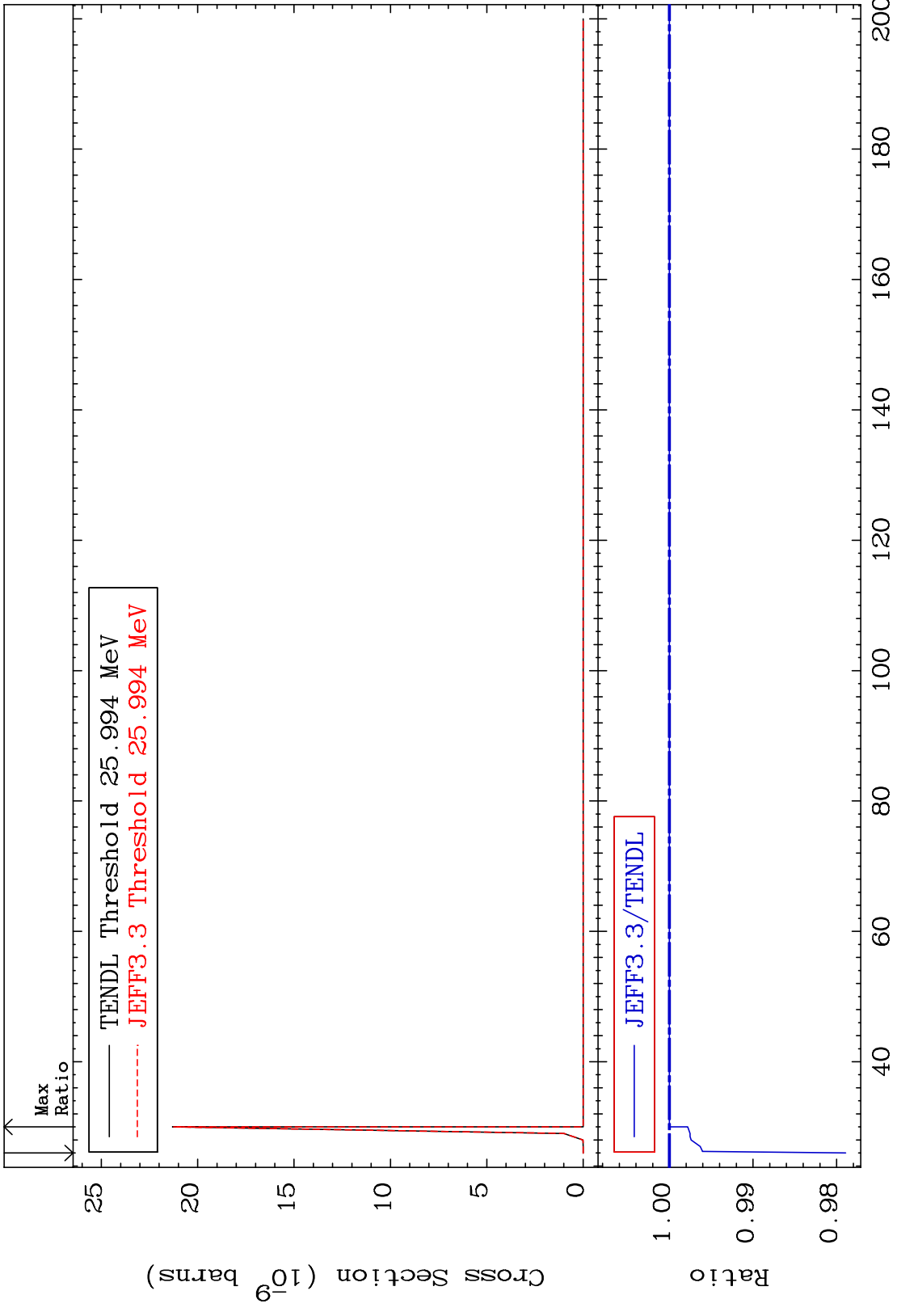
MAT 1637 (n,2n) p 16-S -36
Cross Section -0.231 To 0.000 %



16 16-S -36

MAT 1637 (n,3n) p 16-S -36
Cross Section -0.618 To 0.000 %

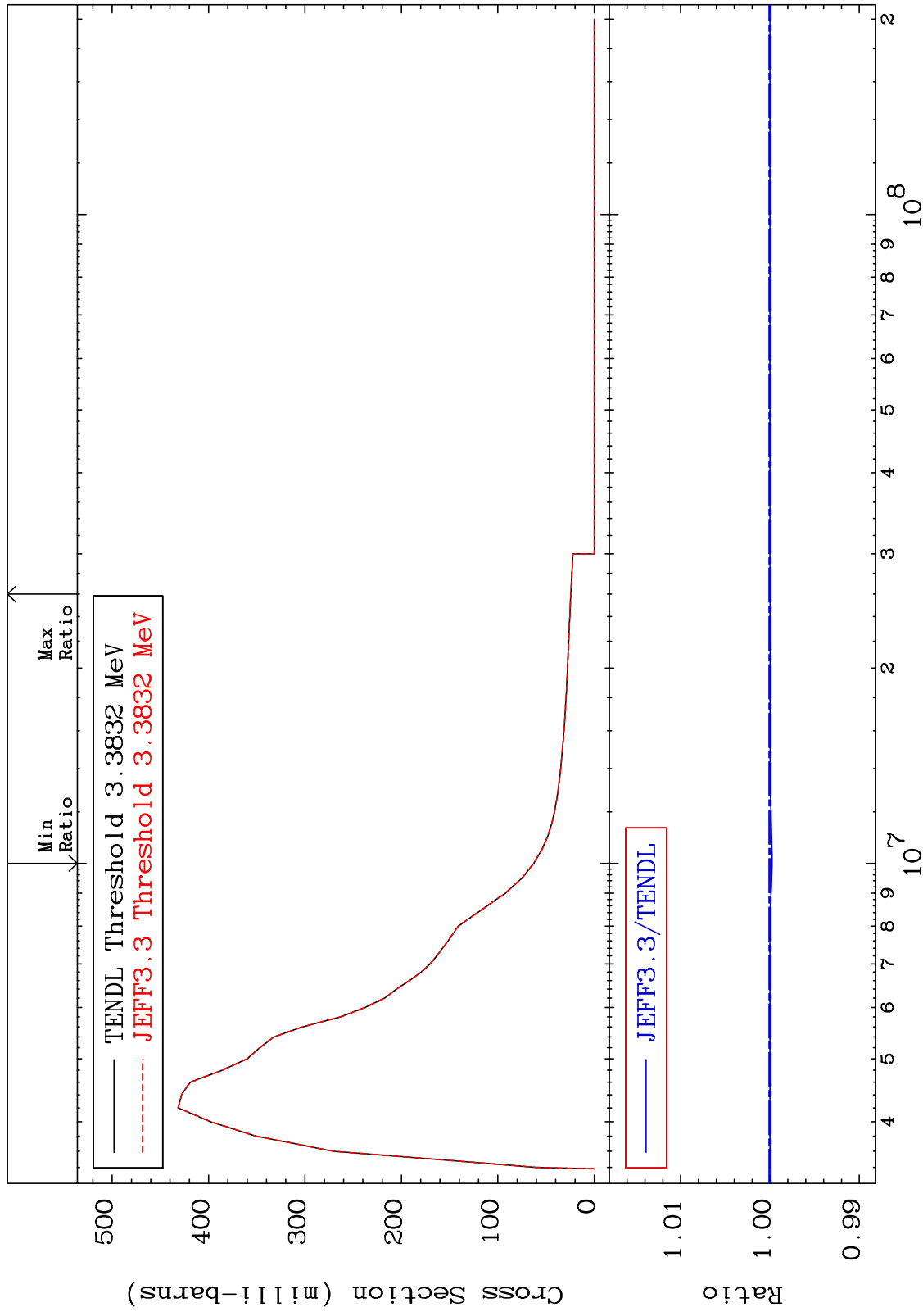




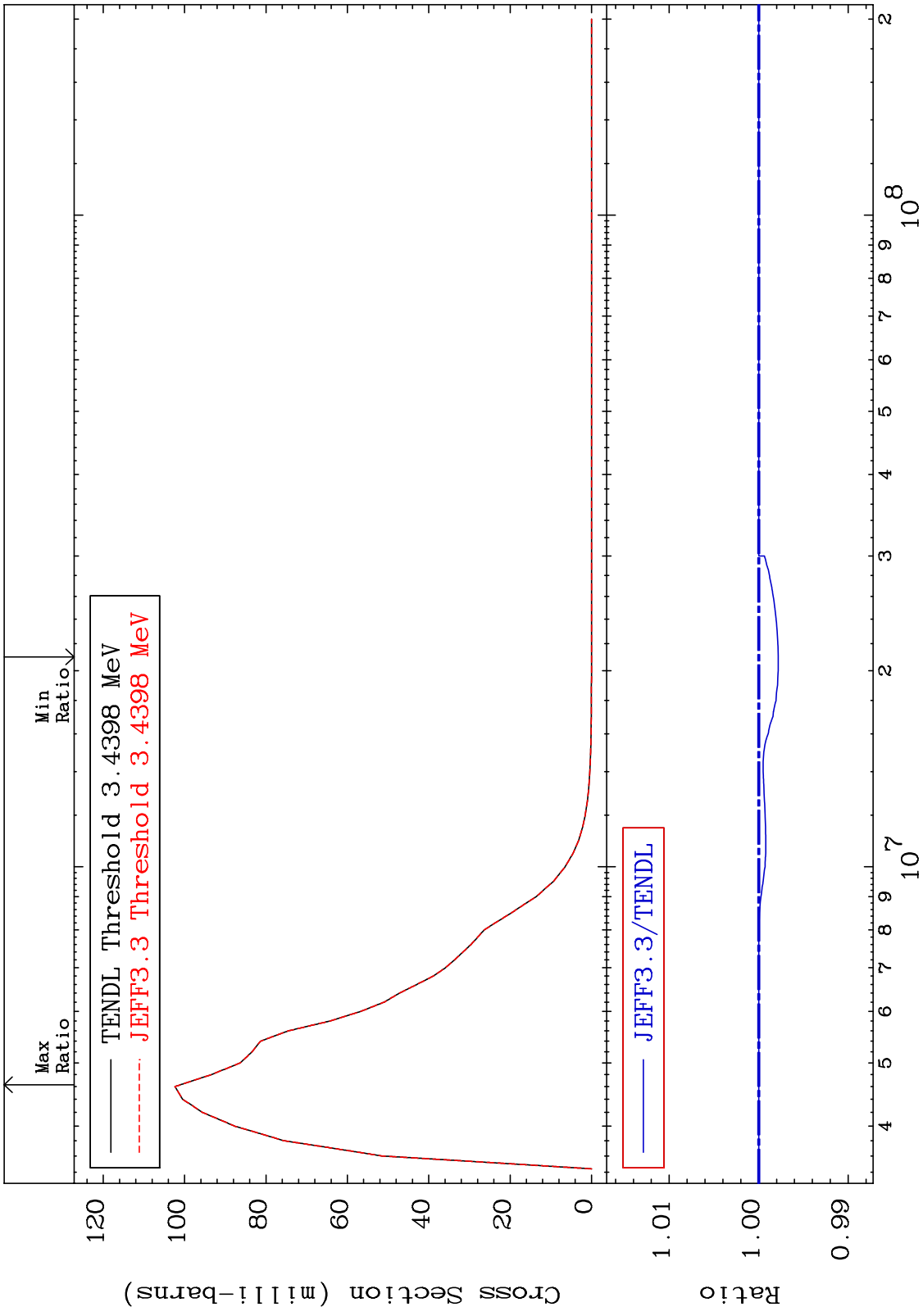
MAT 1637

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

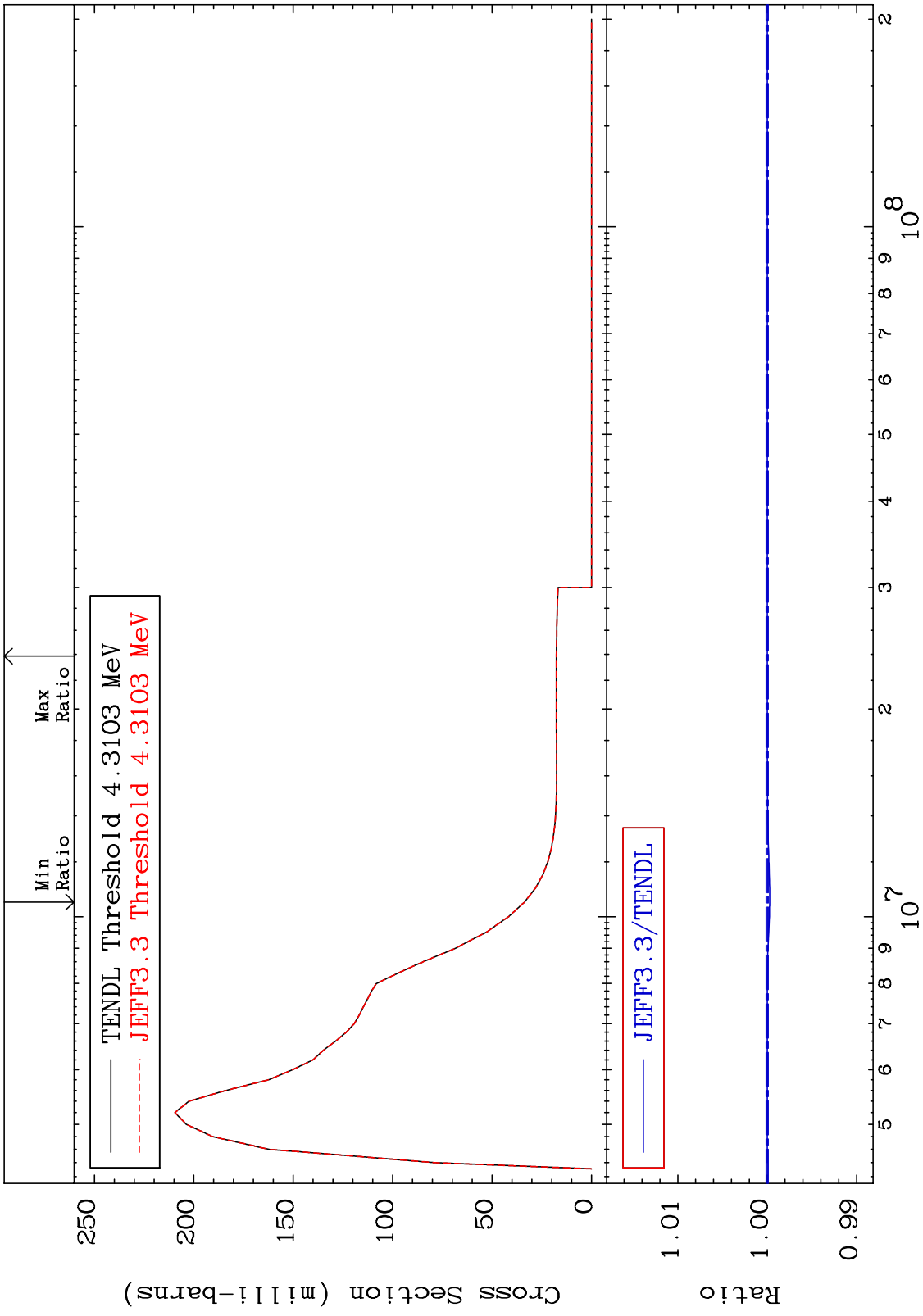
16-S -36
-0.023 To 0.000 %



MAT 1637 MT= 52 (n,n') Level Cross Section -0.218 To 0.000 % 16-S -36

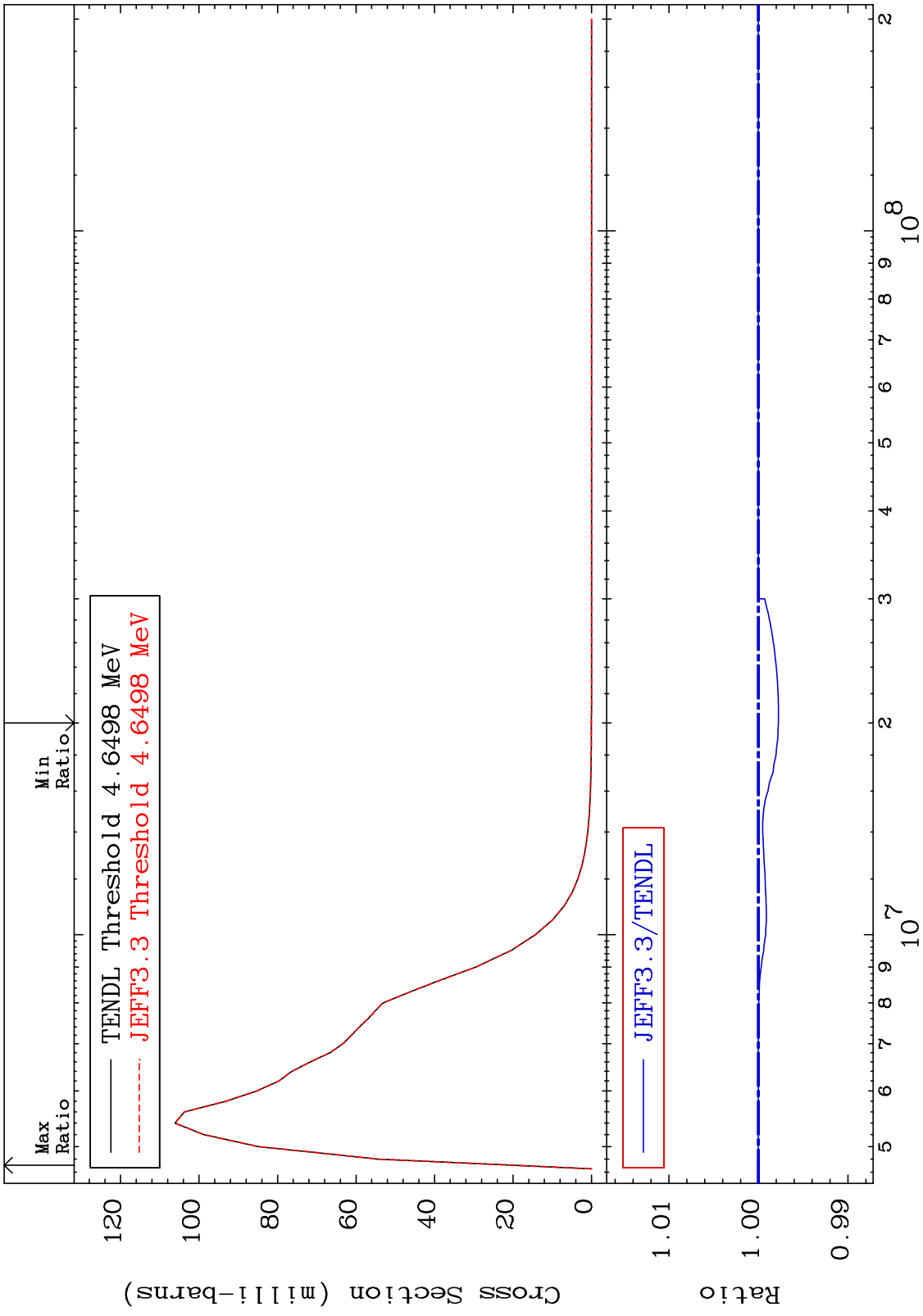


MAT 1637 MT= 53 (n,n') Level Cross Section 16-S -36
 -0.028 To 0.000 %

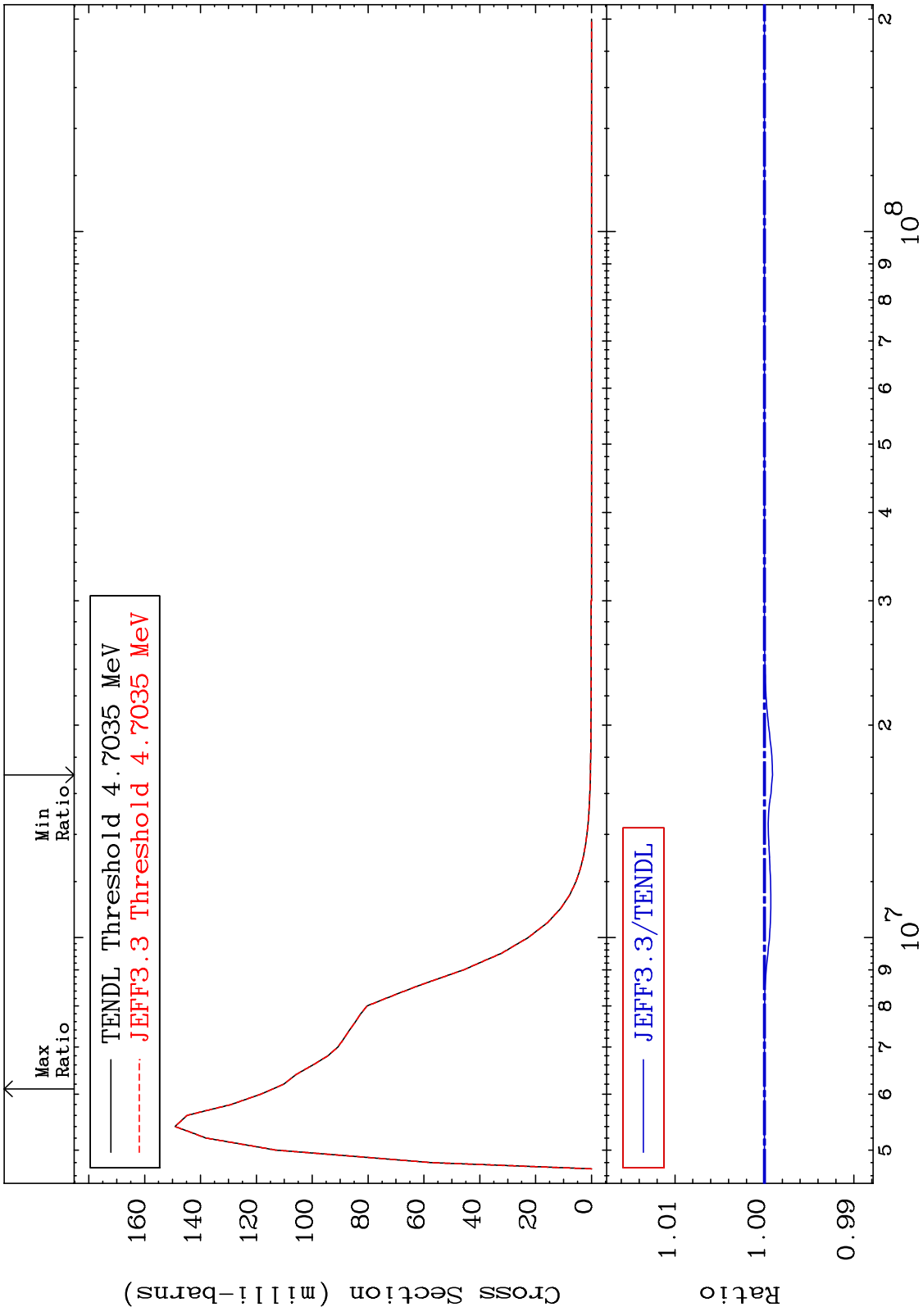


21 16-S -36

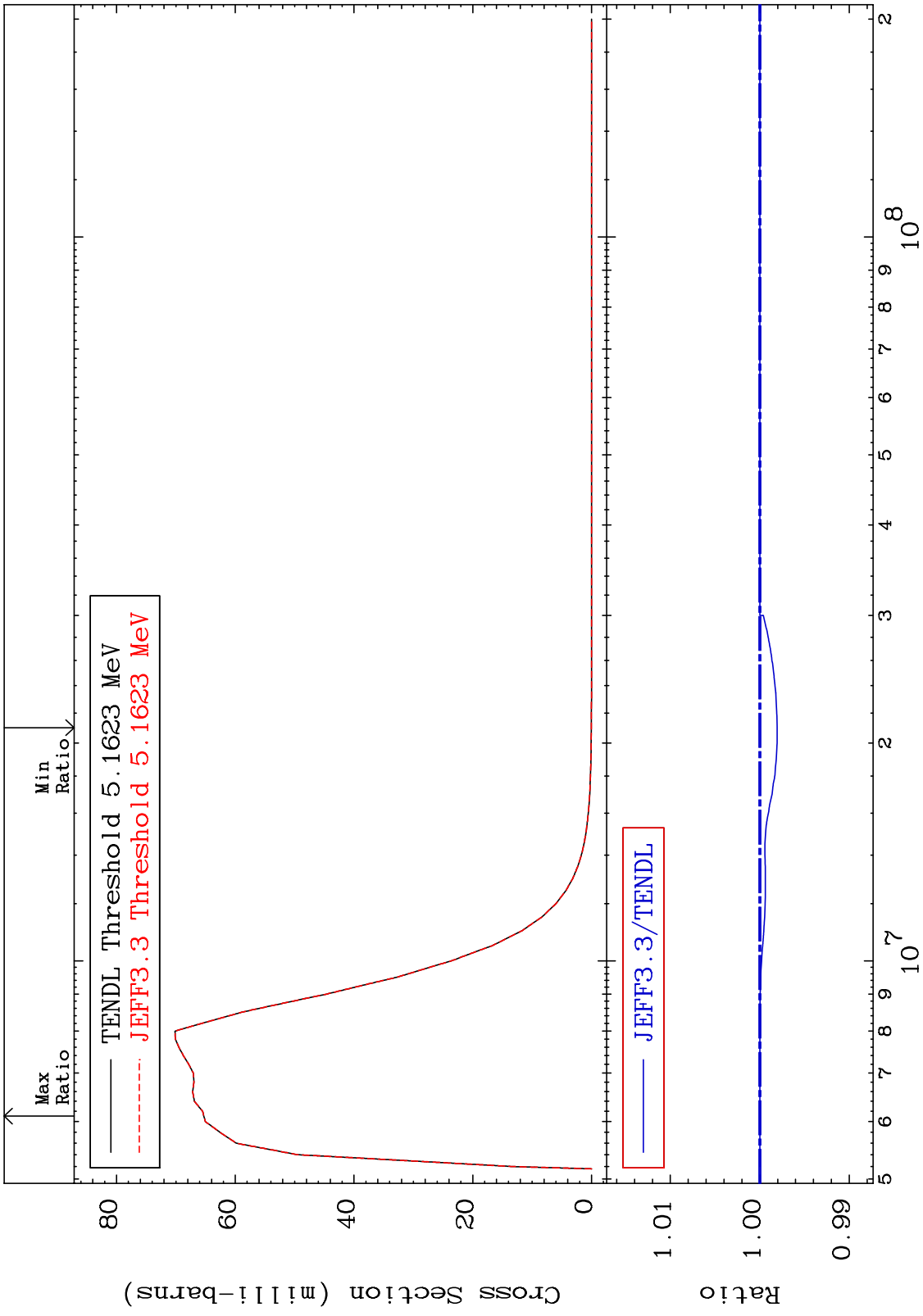
MAT 1637 MT= 54 (n,n') Level Cross Section 16-S -36
 -0.224 To 0.000 %



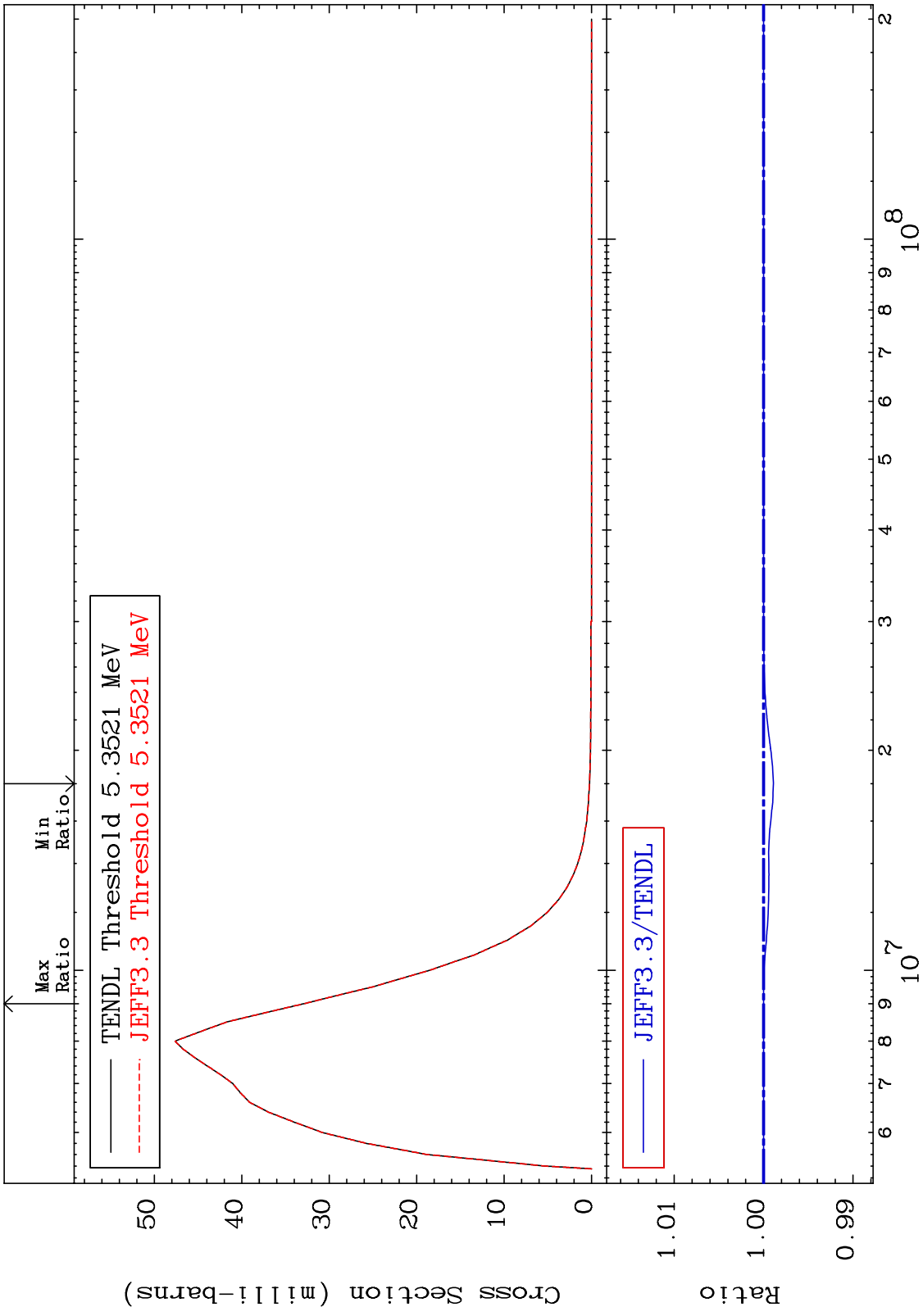
MAT 1637 MT= 55 (n,n') Level Cross Section 16-S -36
 -0.090 To 0.000 %



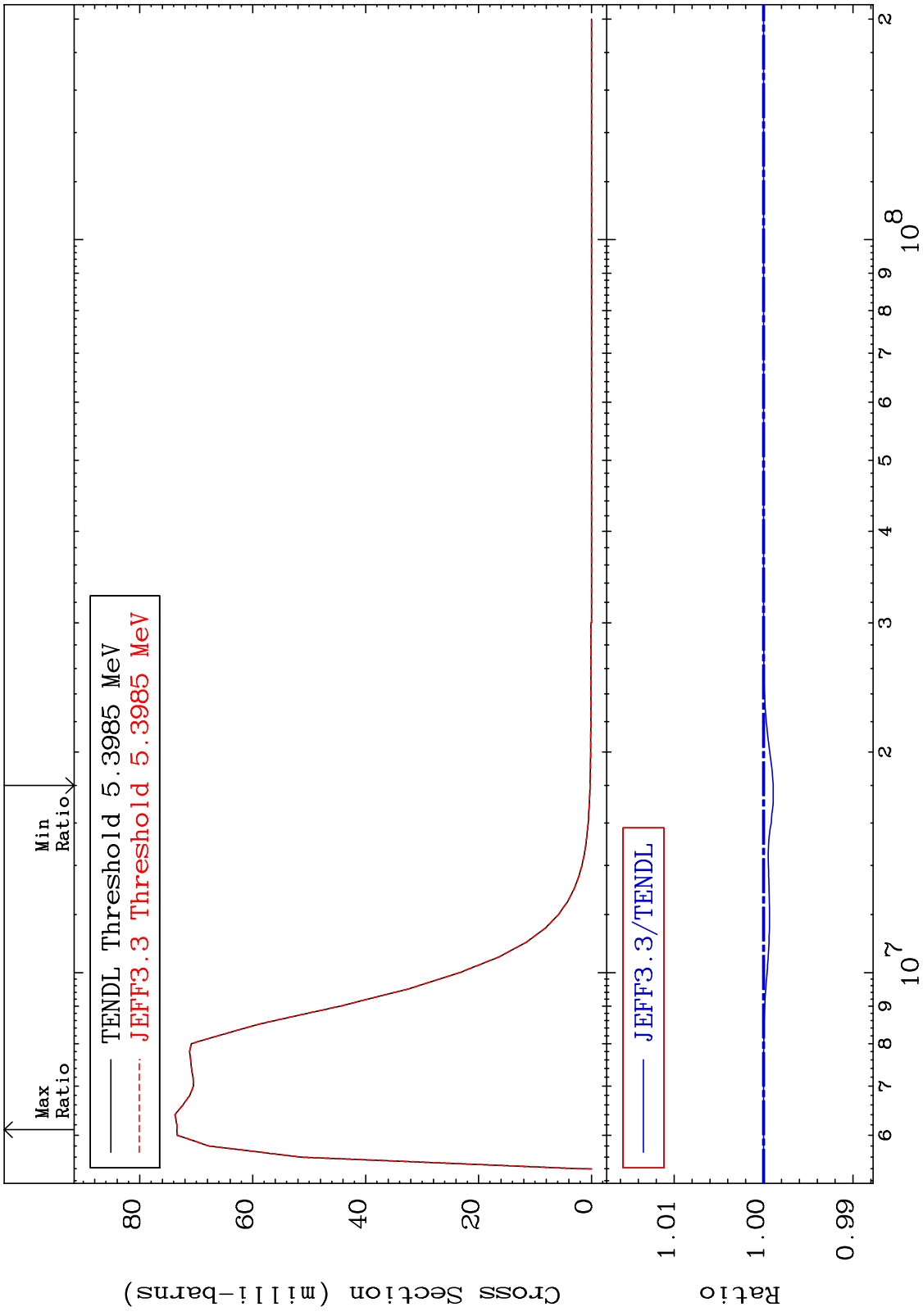
MAT 1637 MT= 56 (n,n') Level Cross Section 16-S -36
 -0.193 To 0.000 %



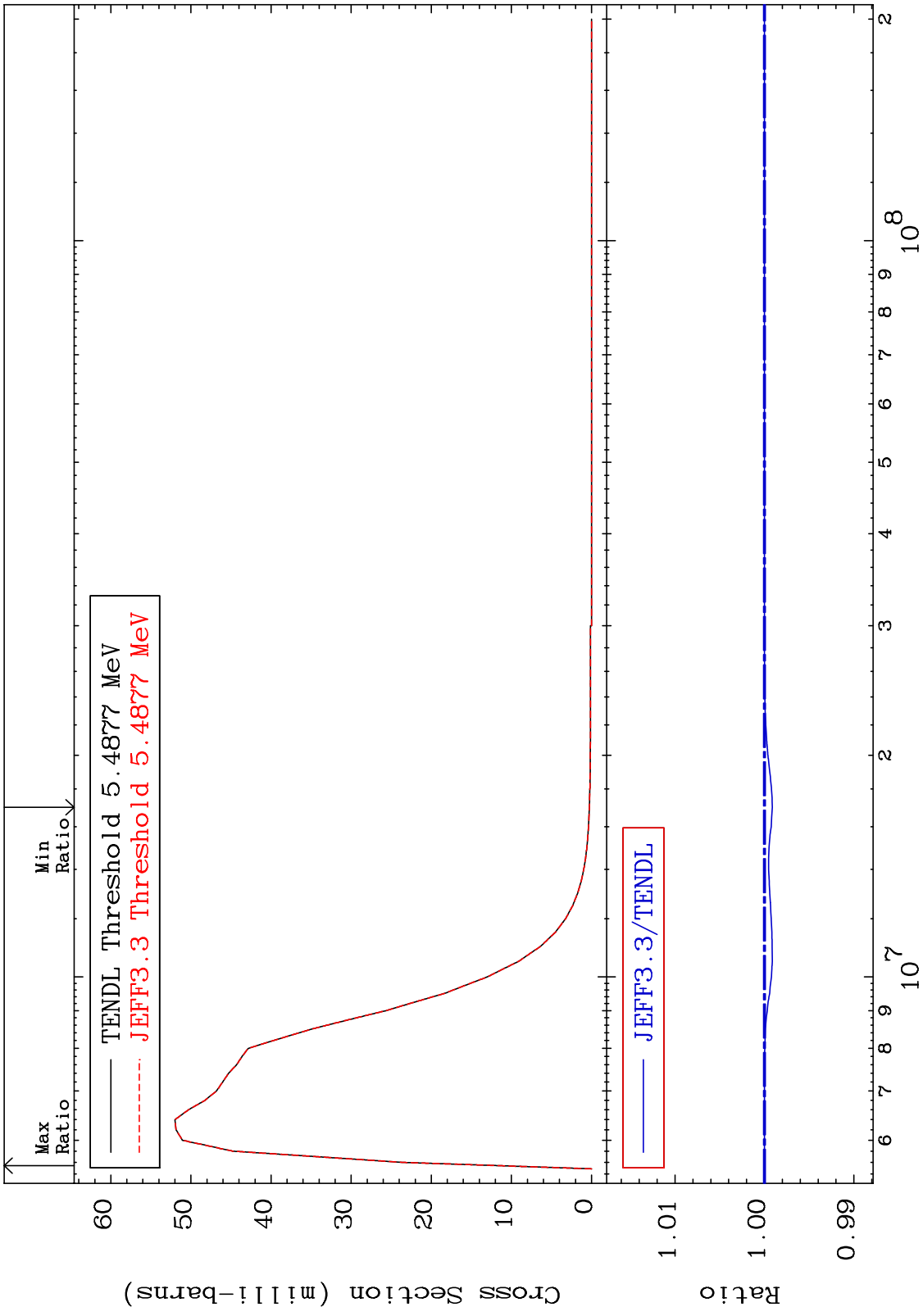
MAT 1637 MT= 57 (n,n') Level Cross Section 16-S -36
 -0.109 To 0.002 %



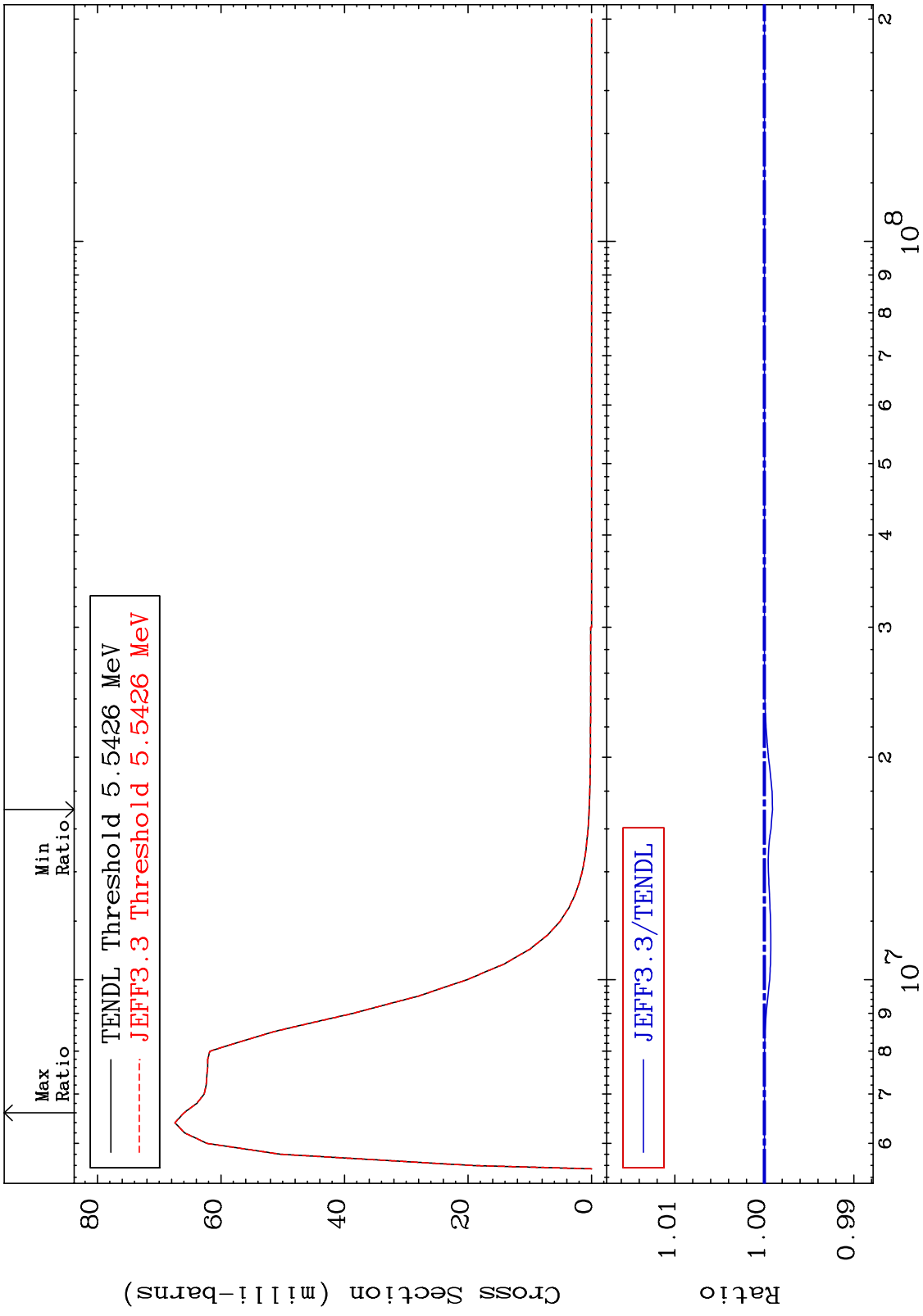
MAT 1637 MT= 58 (n,n') Level Cross Section 16-S -36
 -0.108 To 0.000 %



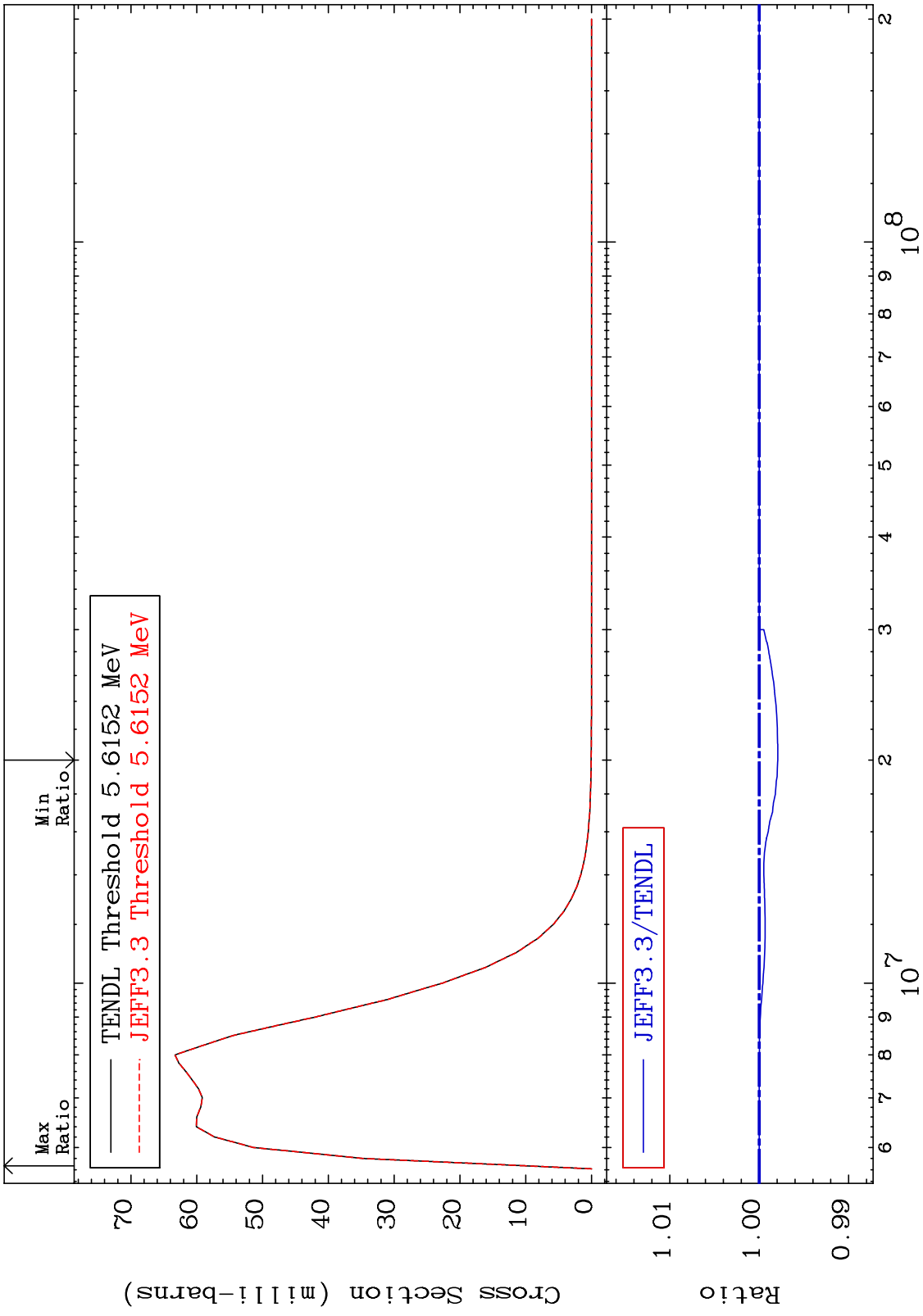
MAT 1637 MT= 59 (n,n') Level Cross Section 16-S -36
 -0.089 To 0.000 %



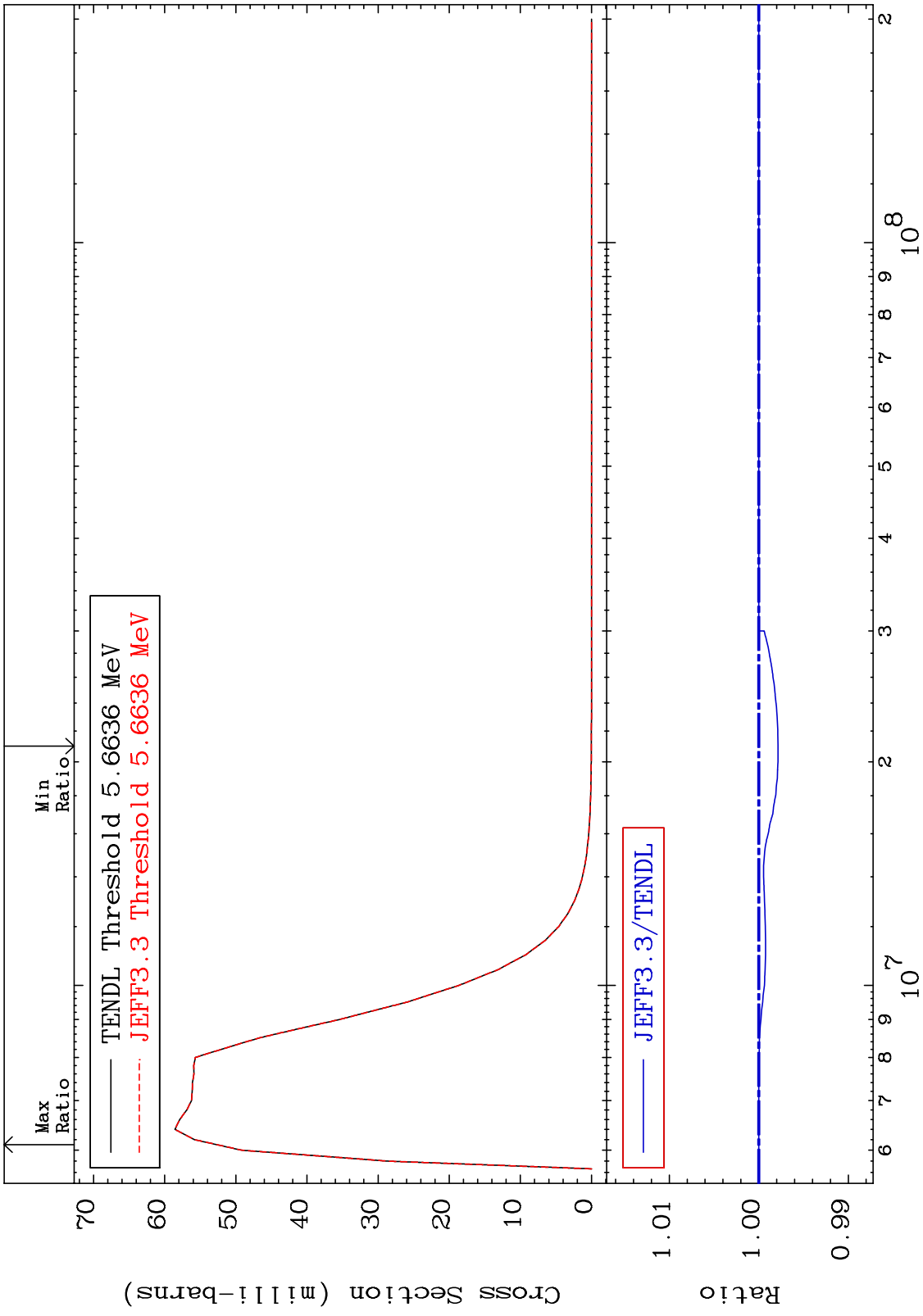
MAT 1637 MT= 60 (n,n') Level Cross Section 16-S -36
 -0.092 To 0.000 %



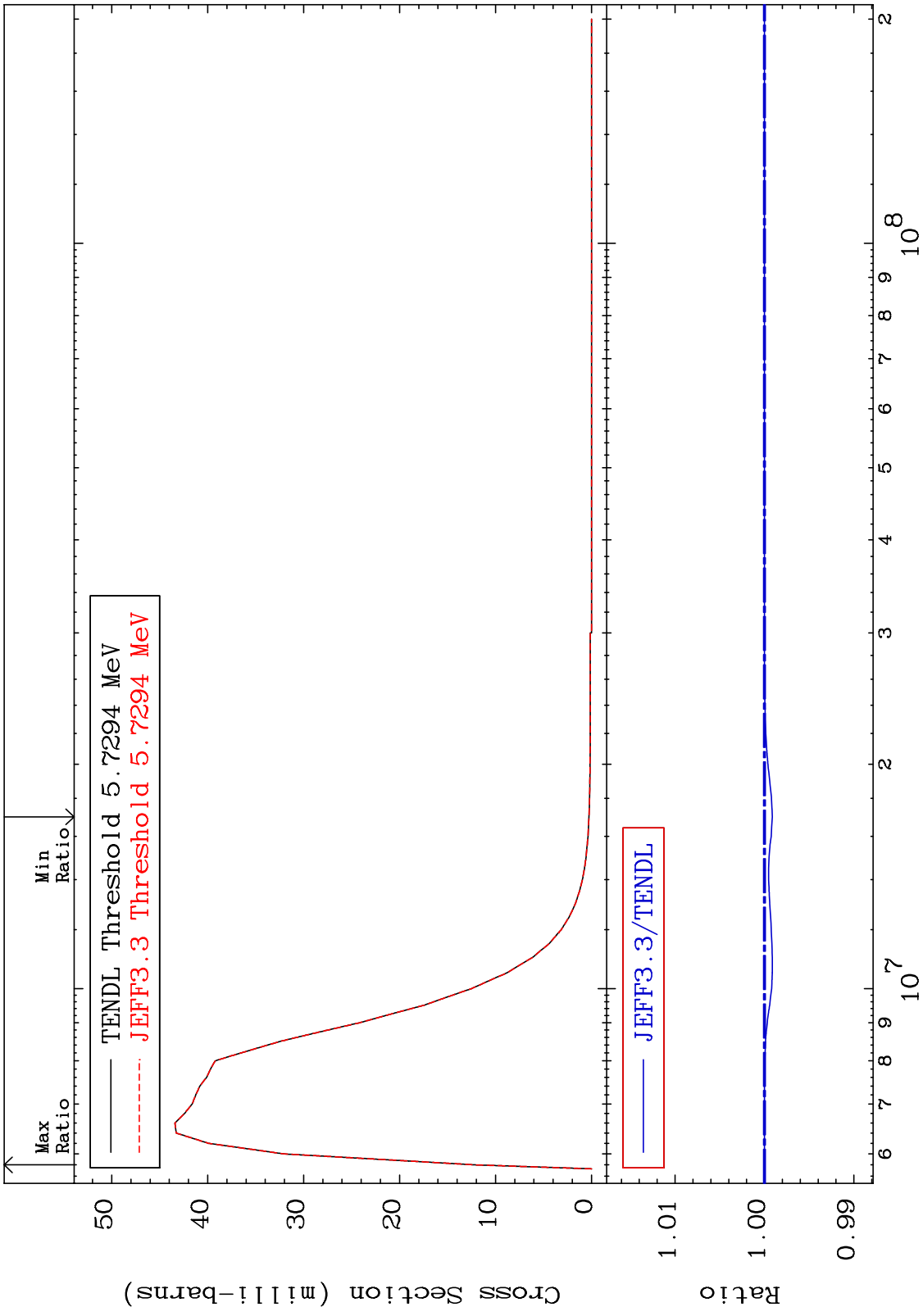
MAT 1637 MT= 61 (n,n') Level Cross Section 16-S -36
 -0.207 To 0.000 %



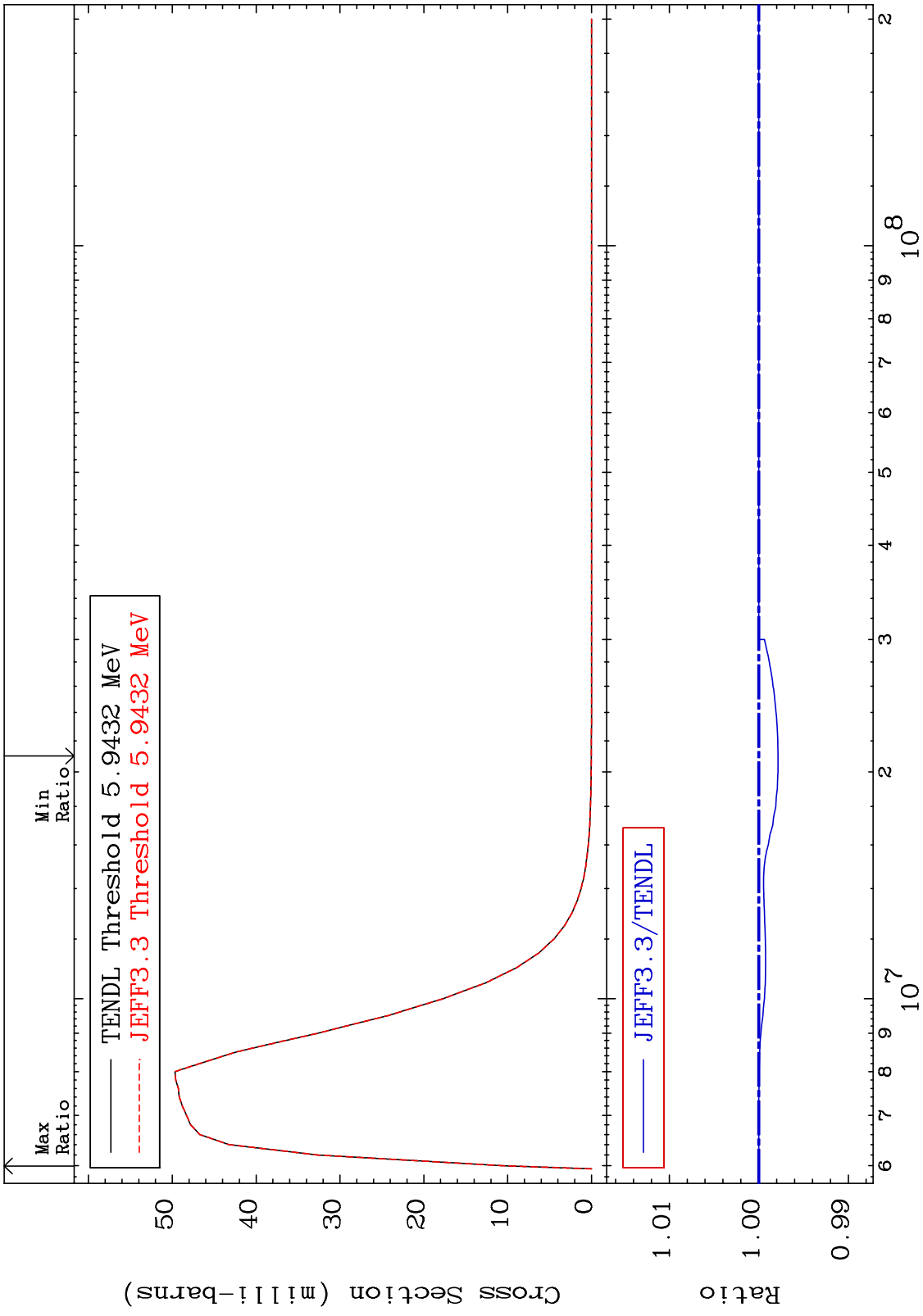
MAT 1637 MT= 62 (n,n') Level Cross Section 16-S -36
-0.216 To 0.000 %



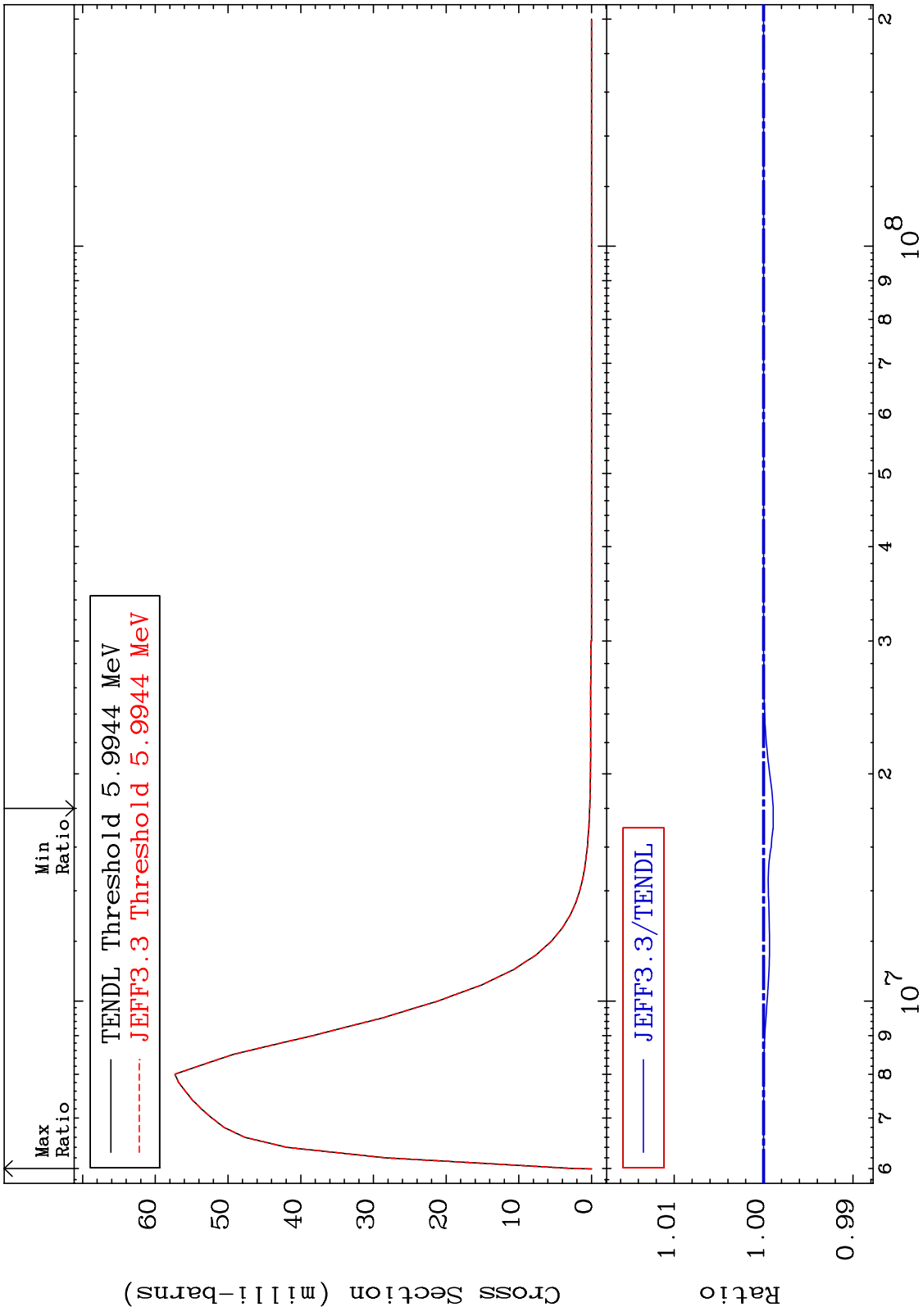
MAT 1637 MT= 63 (n,n') Level Cross Section 16-S -36
 -0.088 To 0.000 %



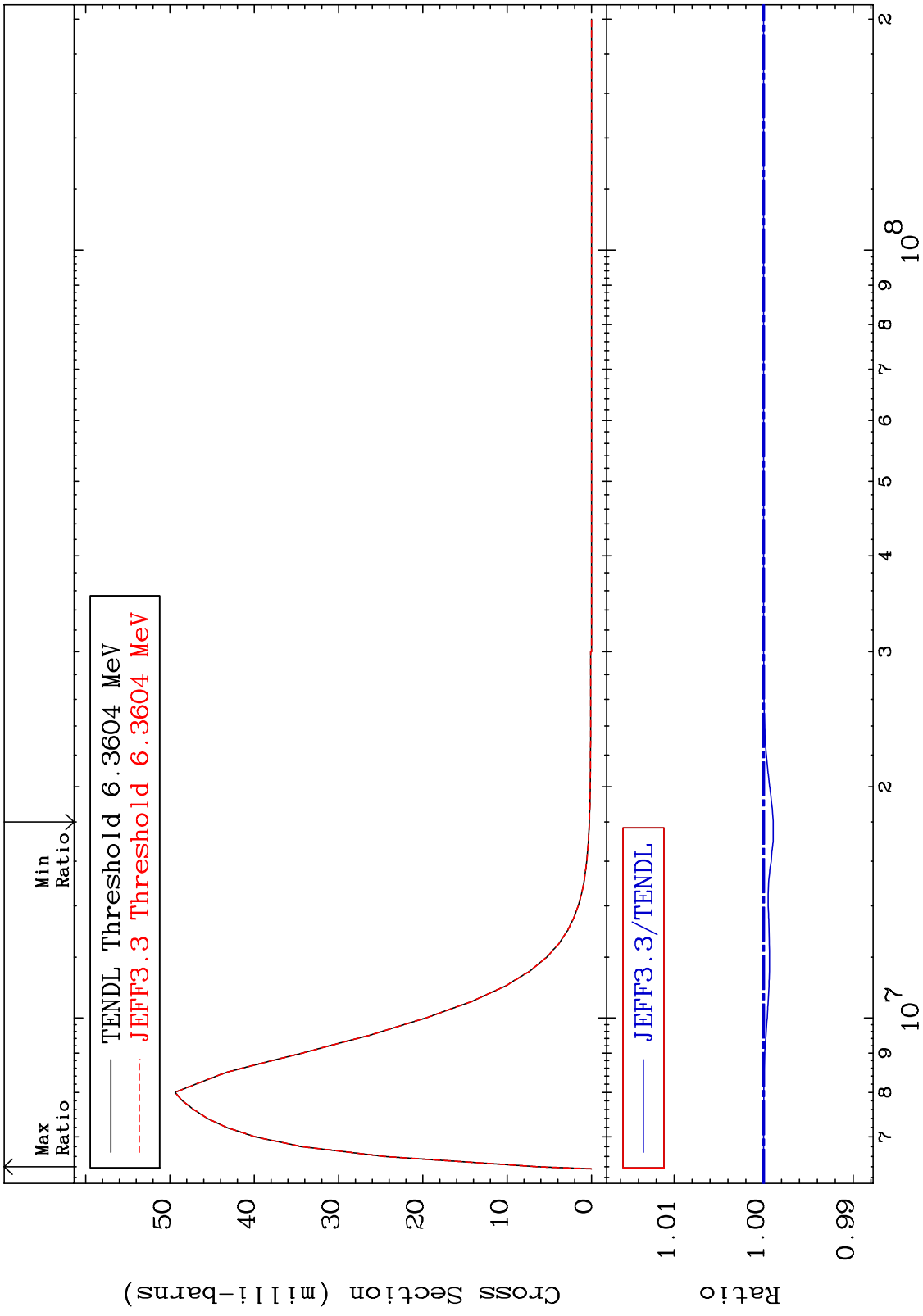
MAT 1637 MT= 64 (n,n') Level Cross Section 16-S -36
 -0.216 To 0.000 %



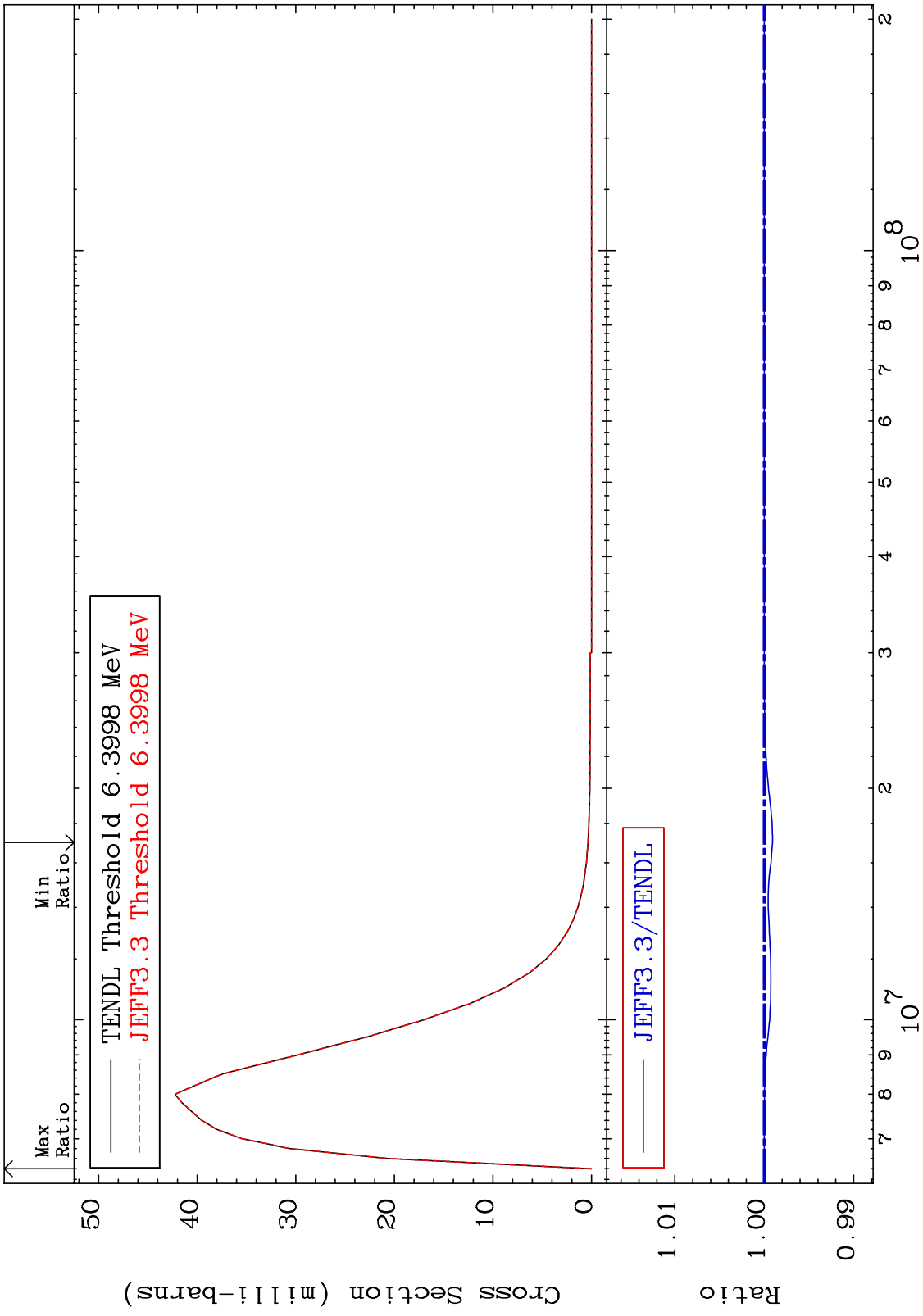
MAT 1637 MT= 65 (n,n') Level Cross Section 16-S -36
 -0.107 To 0.000 %



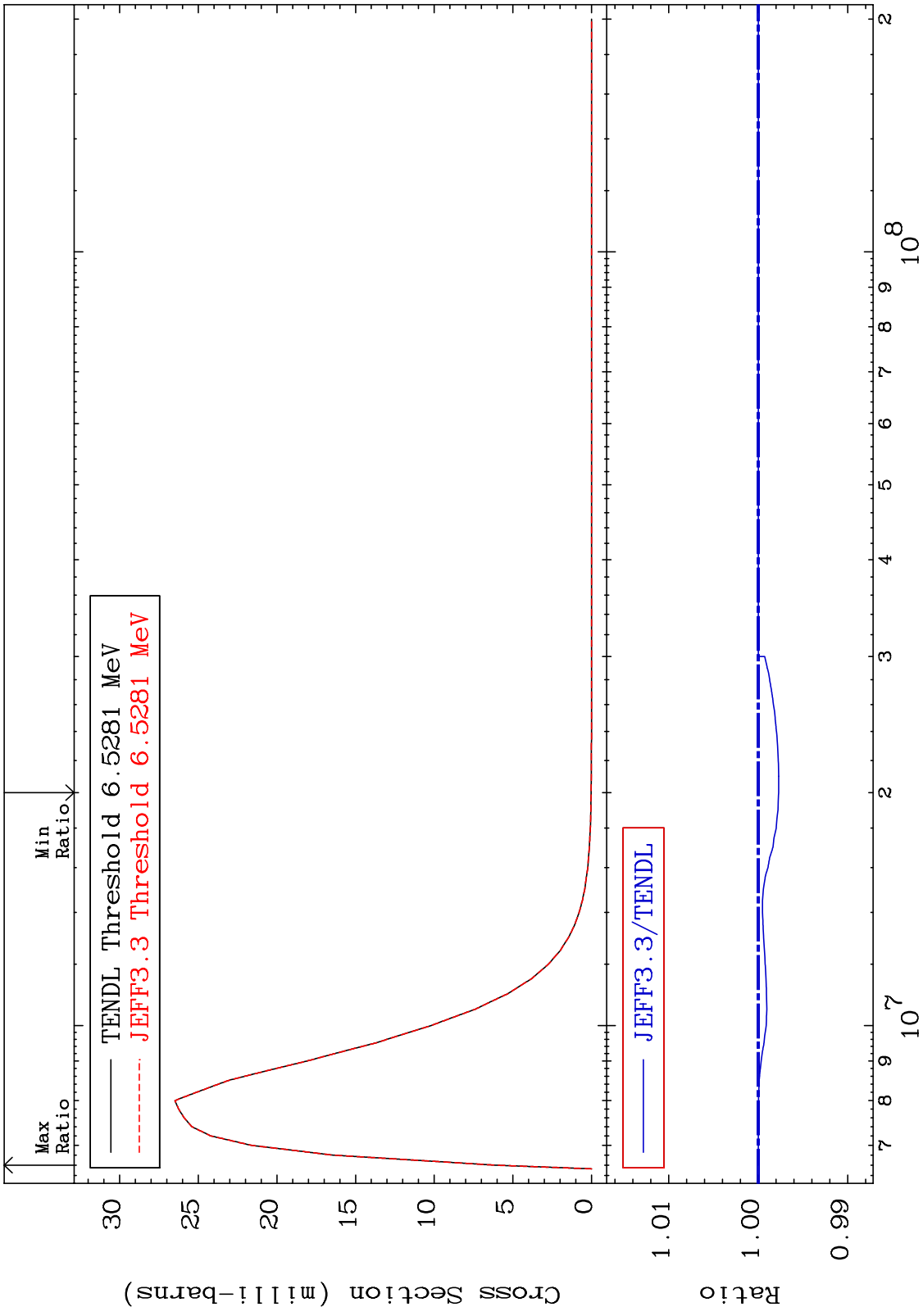
MAT 1637 MT= 66 (n,n') Level Cross Section 16-S -36
 -0.107 To 0.000 %



MAT 1637 MT= 67 (n,n') Level Cross Section 16-S -36
-0.094 To 0.000 %



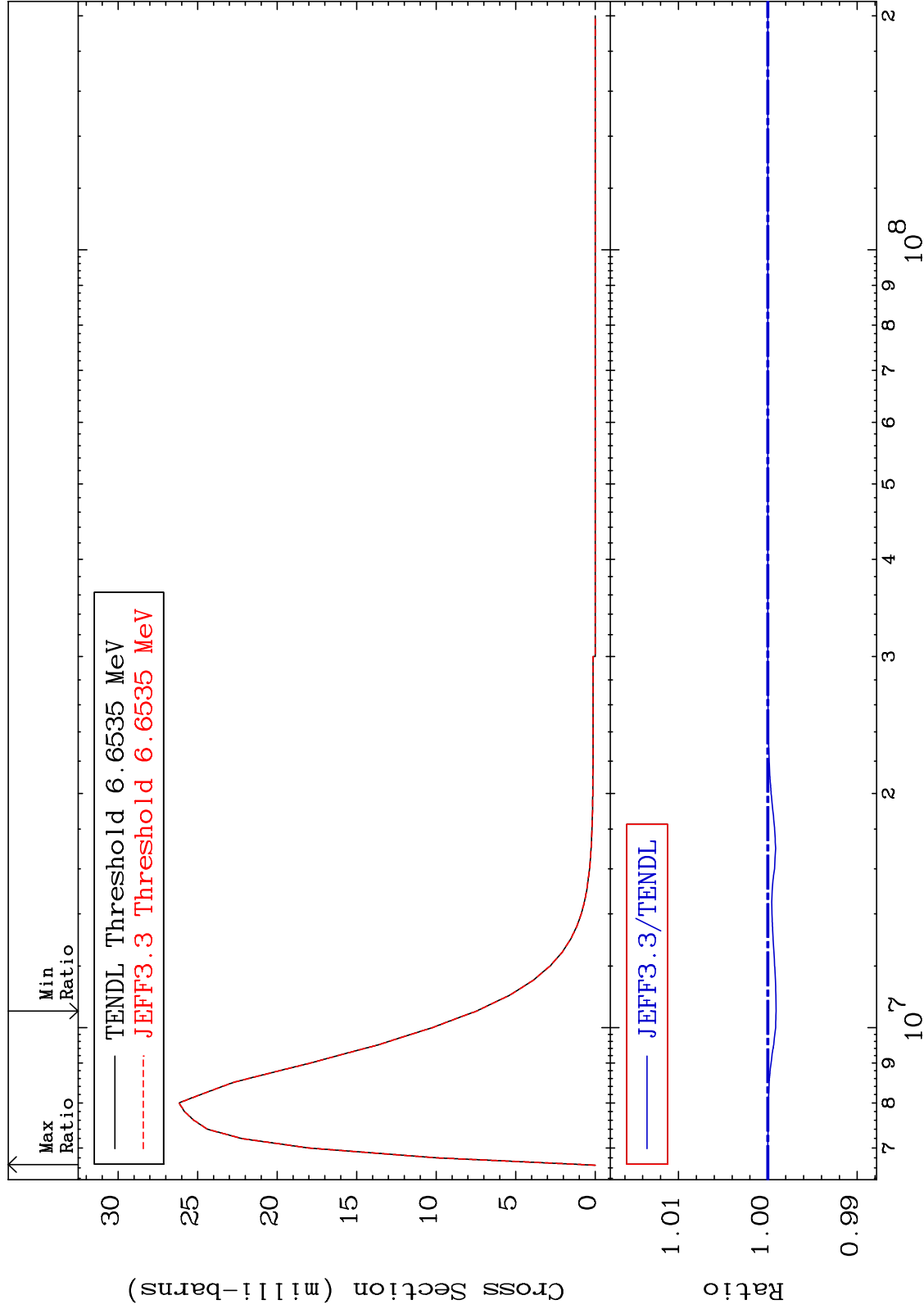
MAT 1637 MT= 68 (n,n') Level Cross Section 16-S -36
-0.228 To 0.000 %



MAT 1637

MT= 69 (n,n') Level
Cross Section

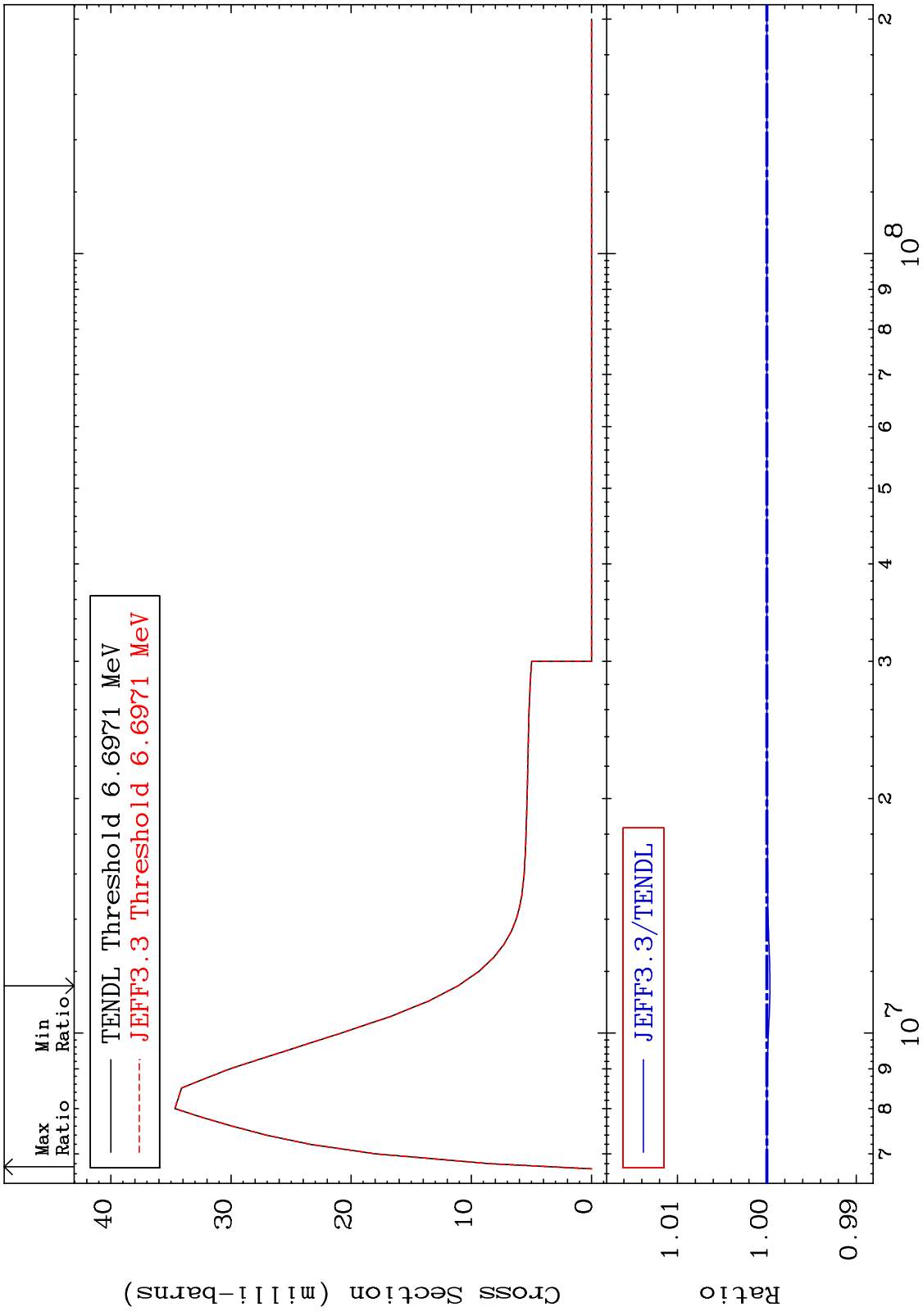
16-S -36
-0.093 To 0.000 %



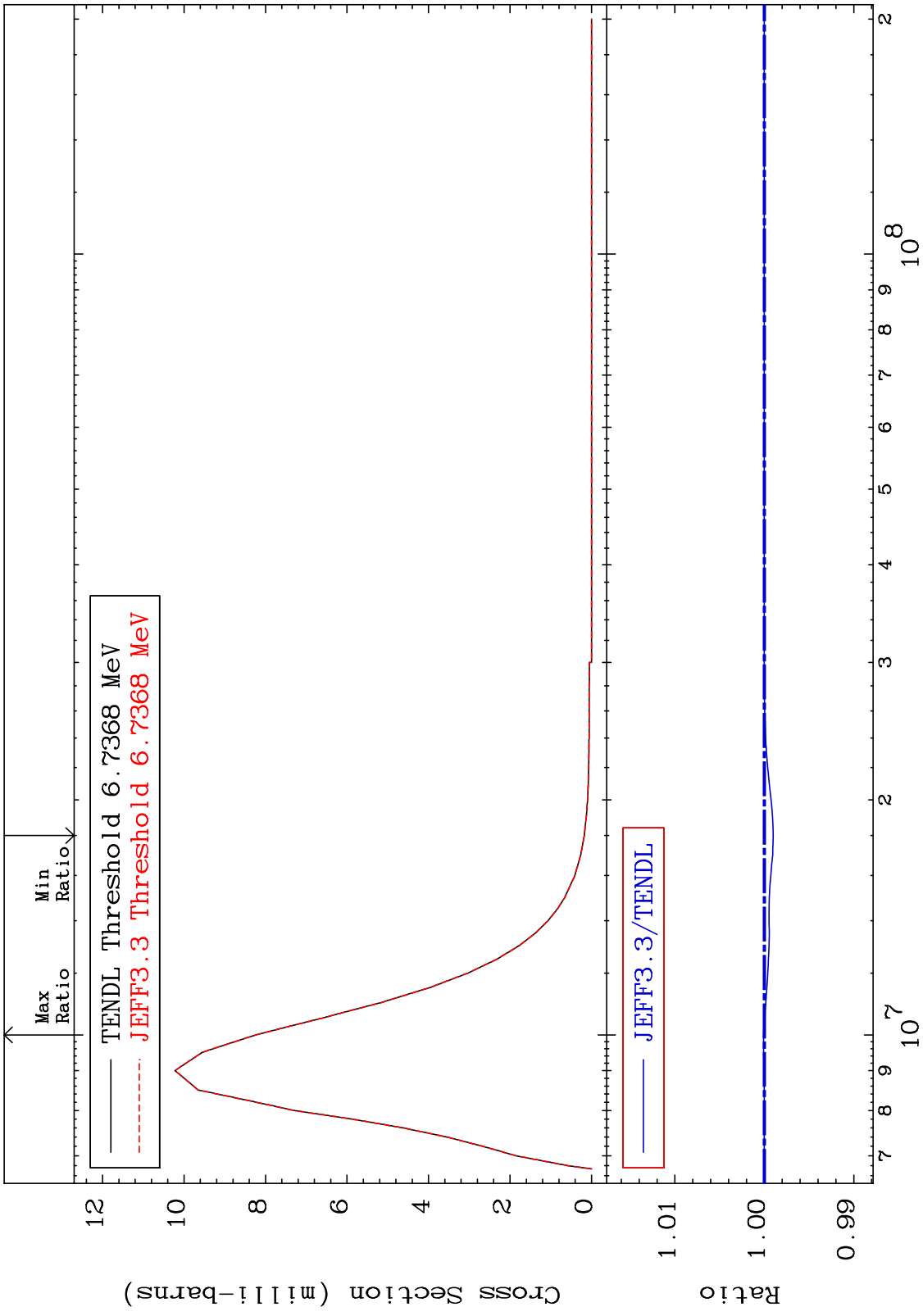
37

16-S -36

MAT 1637 MT= 70 (n,n') Level Cross Section 16-S -36
 -0.034 To 0.000 %



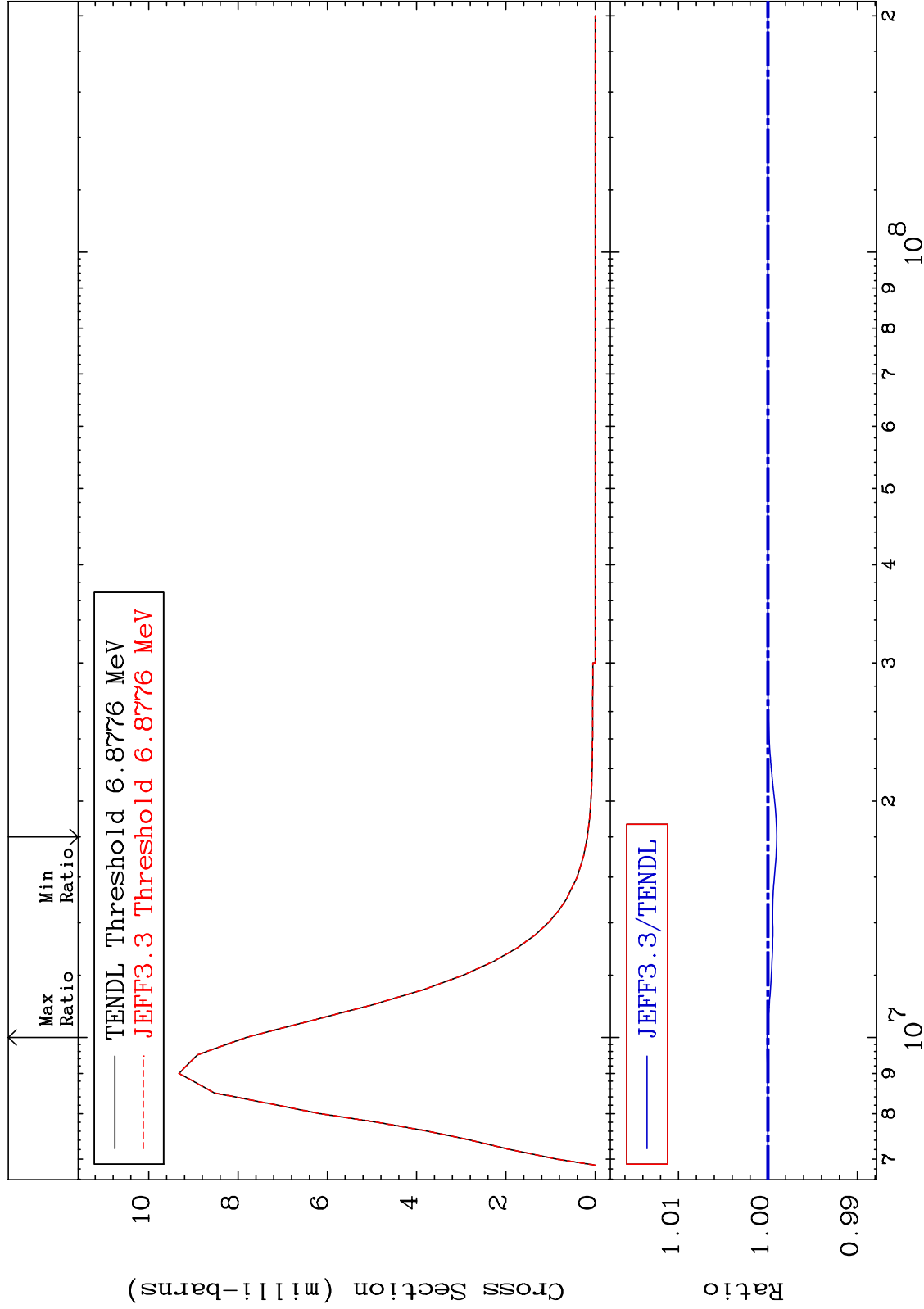
MAT 1637 MT= 71 (n,n') Level Cross Section 16-S -36
 -0.099 To 0.008 %



MAT 1637

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

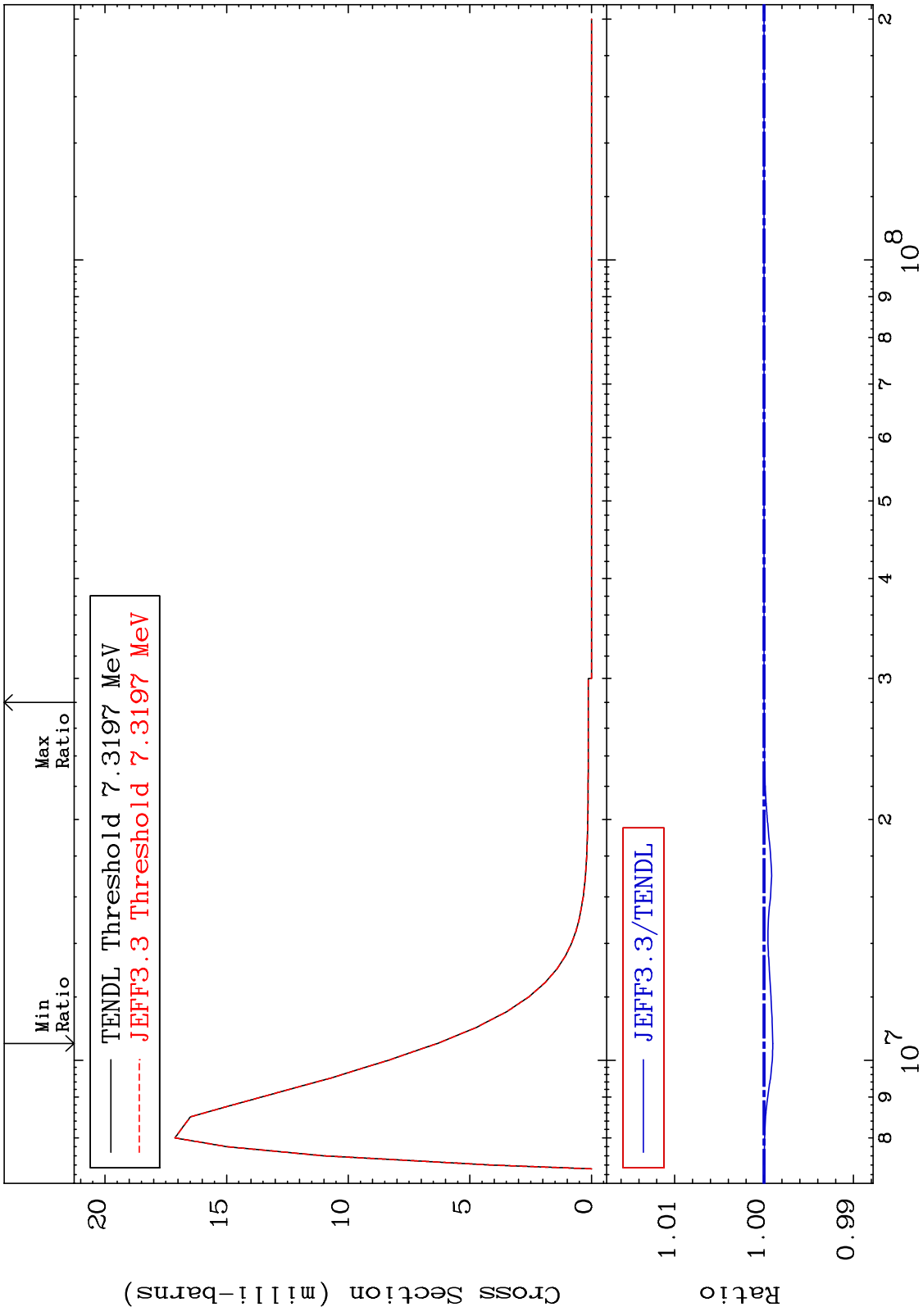
16-S -36
-0.100 To 0.008 %



40

16-S -36

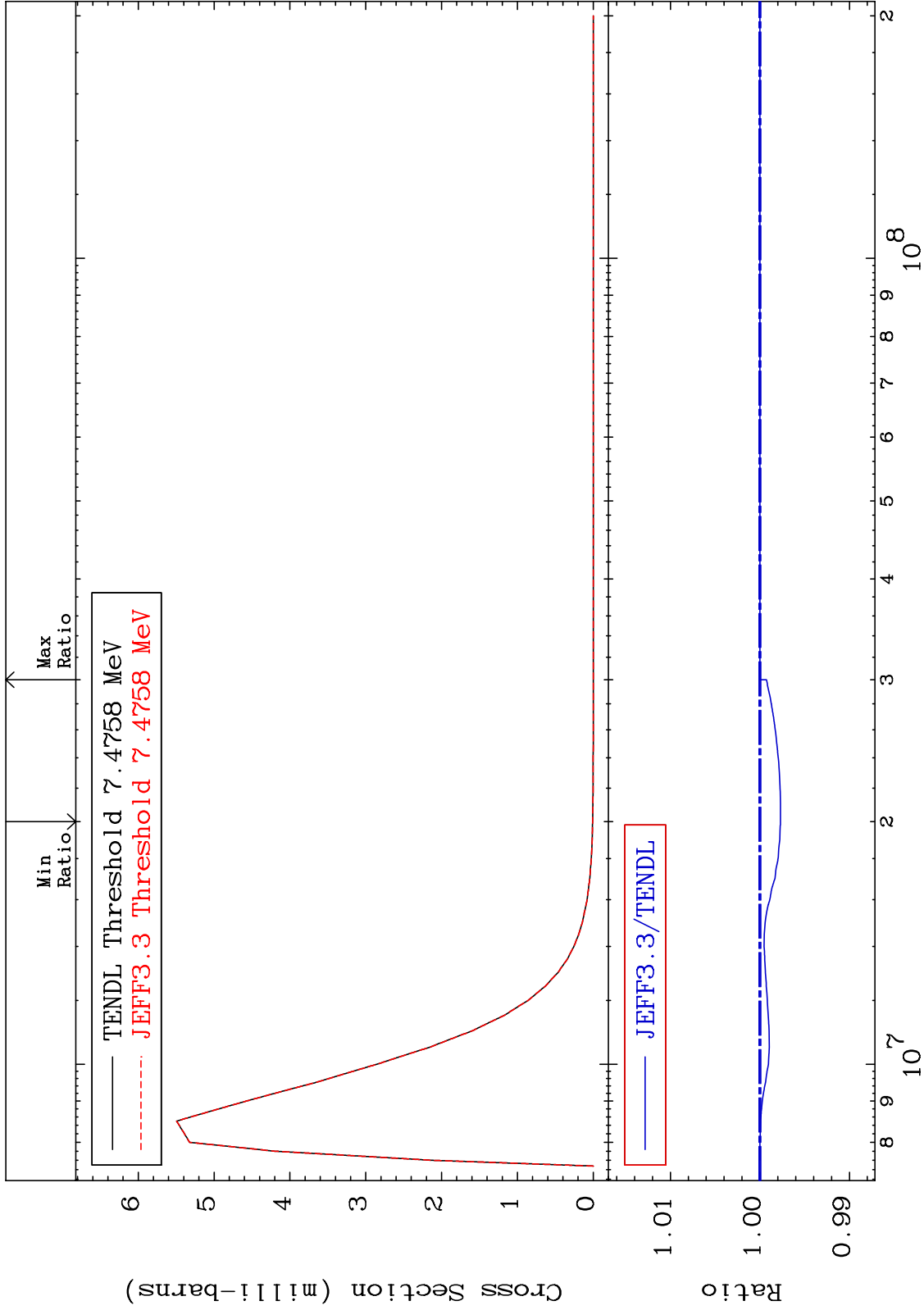
MAT 1637 MT= 73 (n,n') Level Cross Section 16-S -36
 -0.098 To 0.000 %



MAT 1637

MT= 74 (n,n') Level
Cross Section

16-S -36
-0.230 To 0.000 %



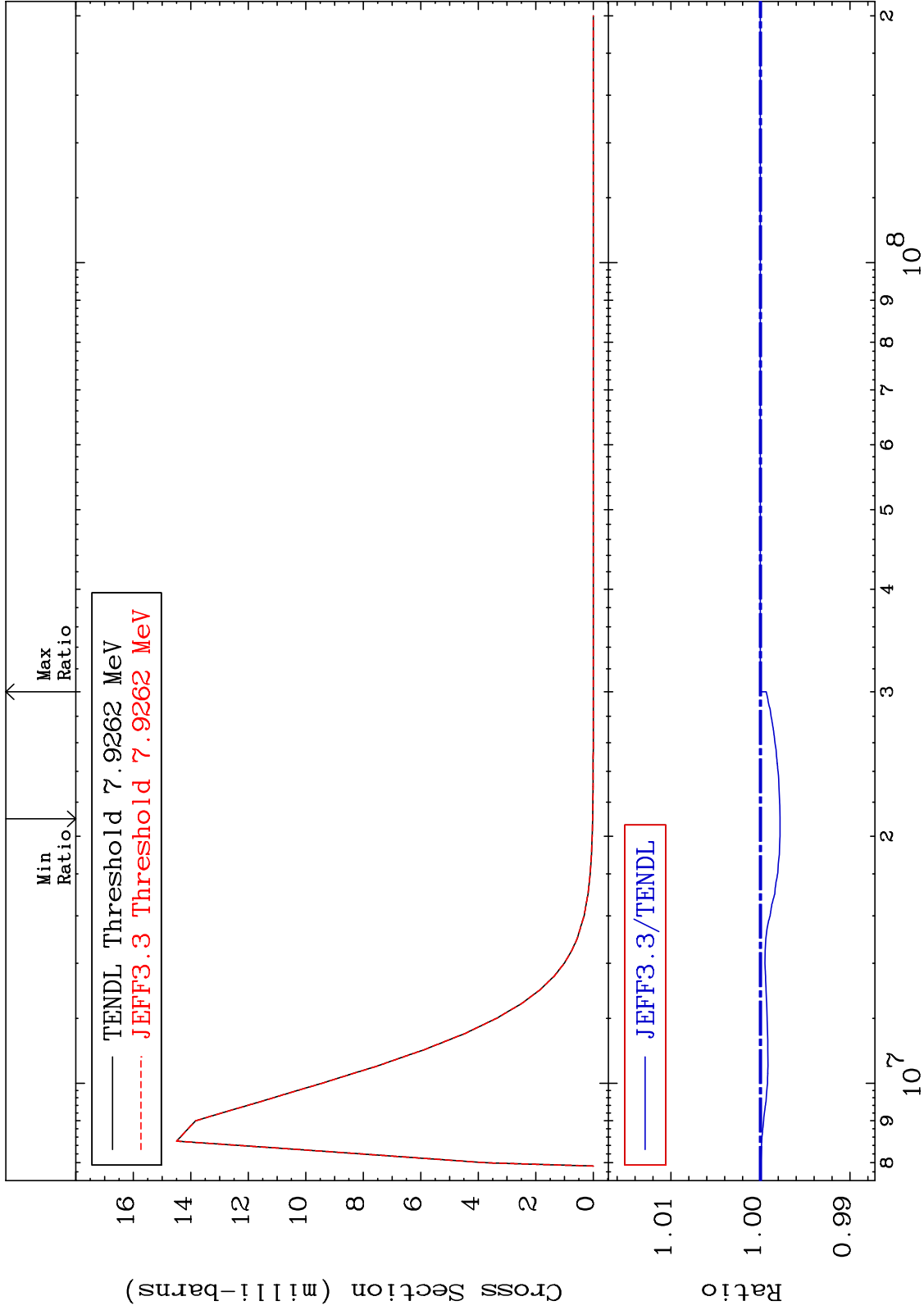
42

16-S -36

MAT 1637

MT= 75 (n,n') Level
Cross Section

16-S -36
-0.219 To 0.000 %

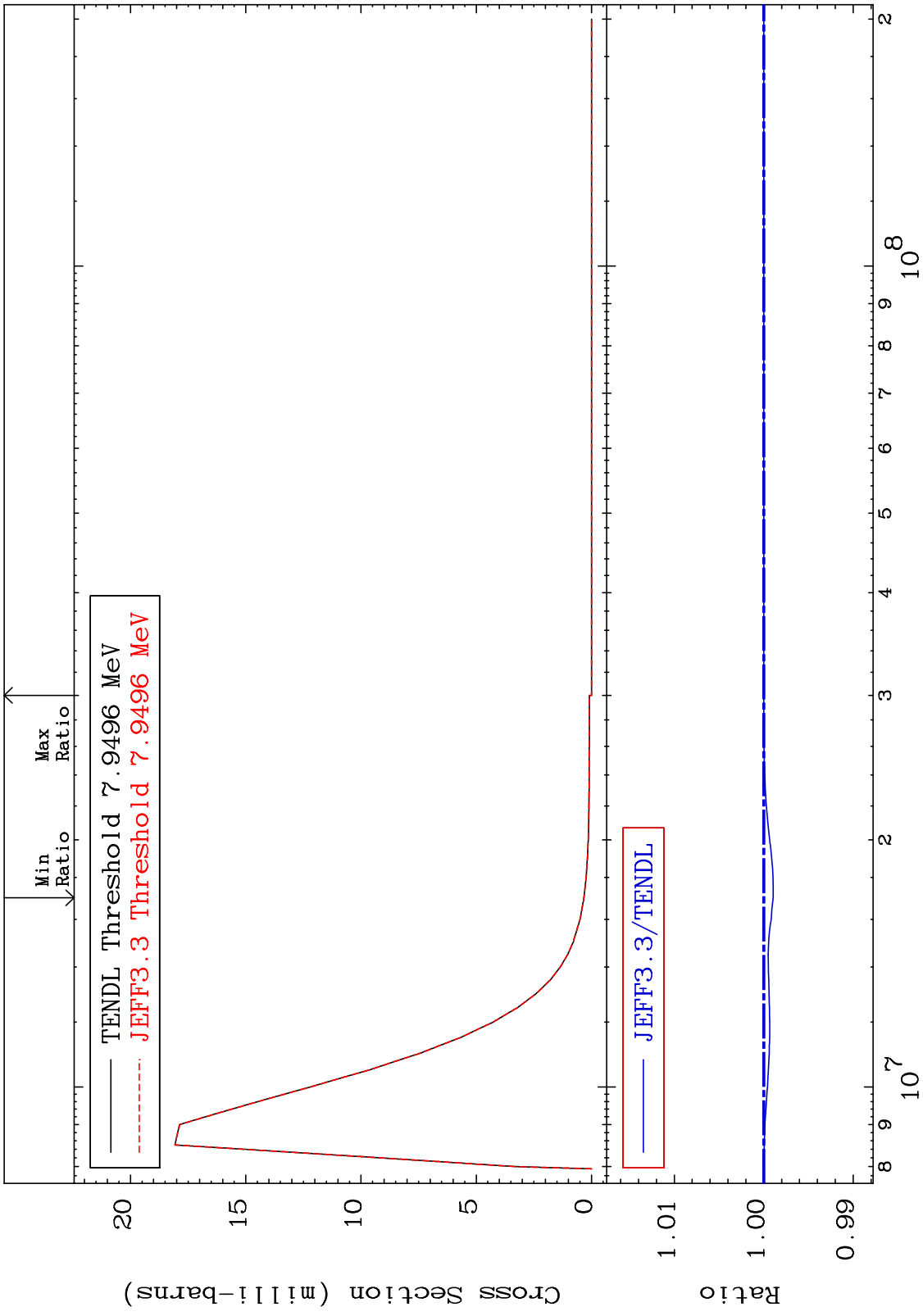


43

Incident Energy (eV)

16-S -36

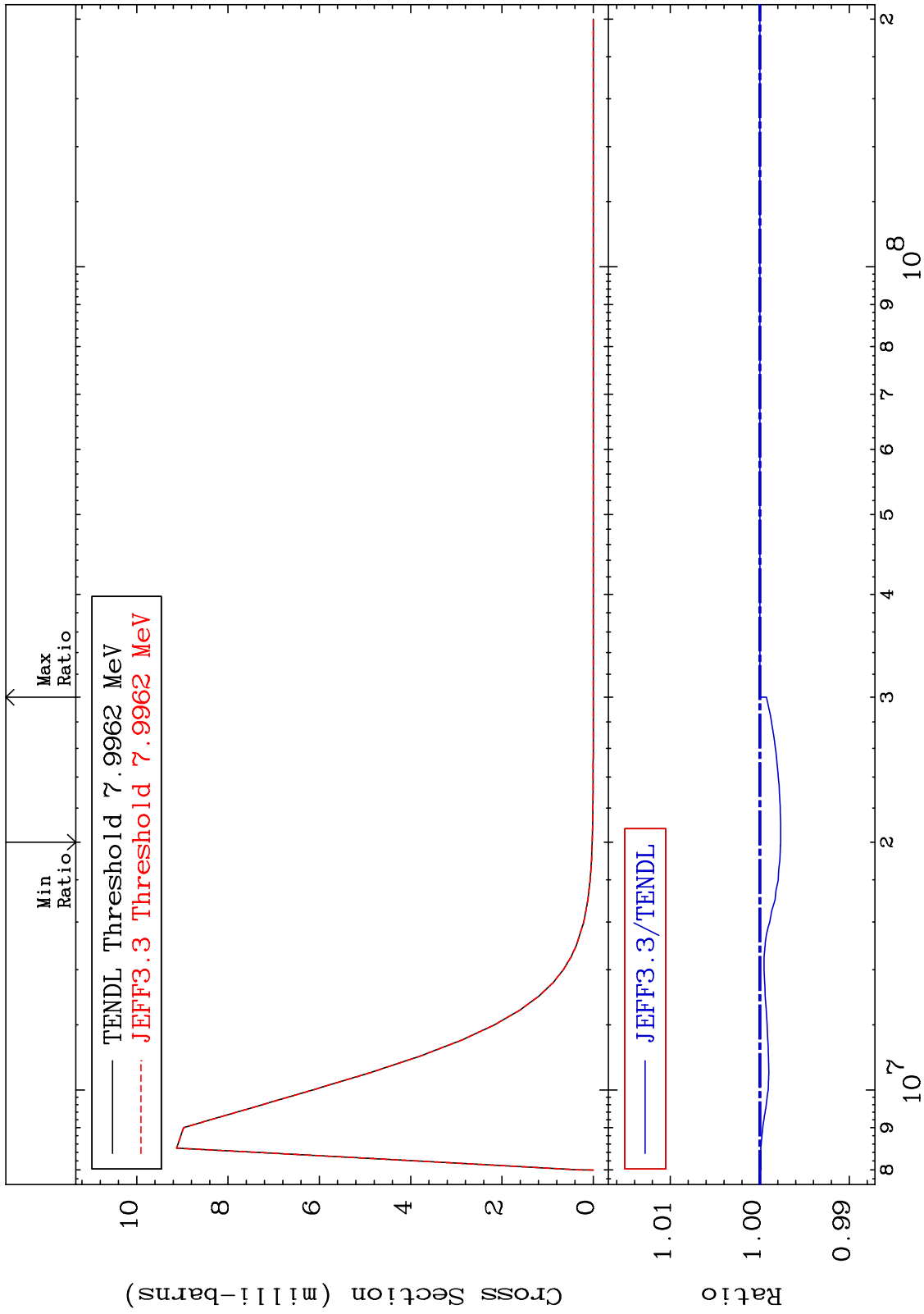
MAT 1637 MT= 76 (n,n') Level Cross Section 16-S -36
 -0.105 To 0.000 %



MAT 1637

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

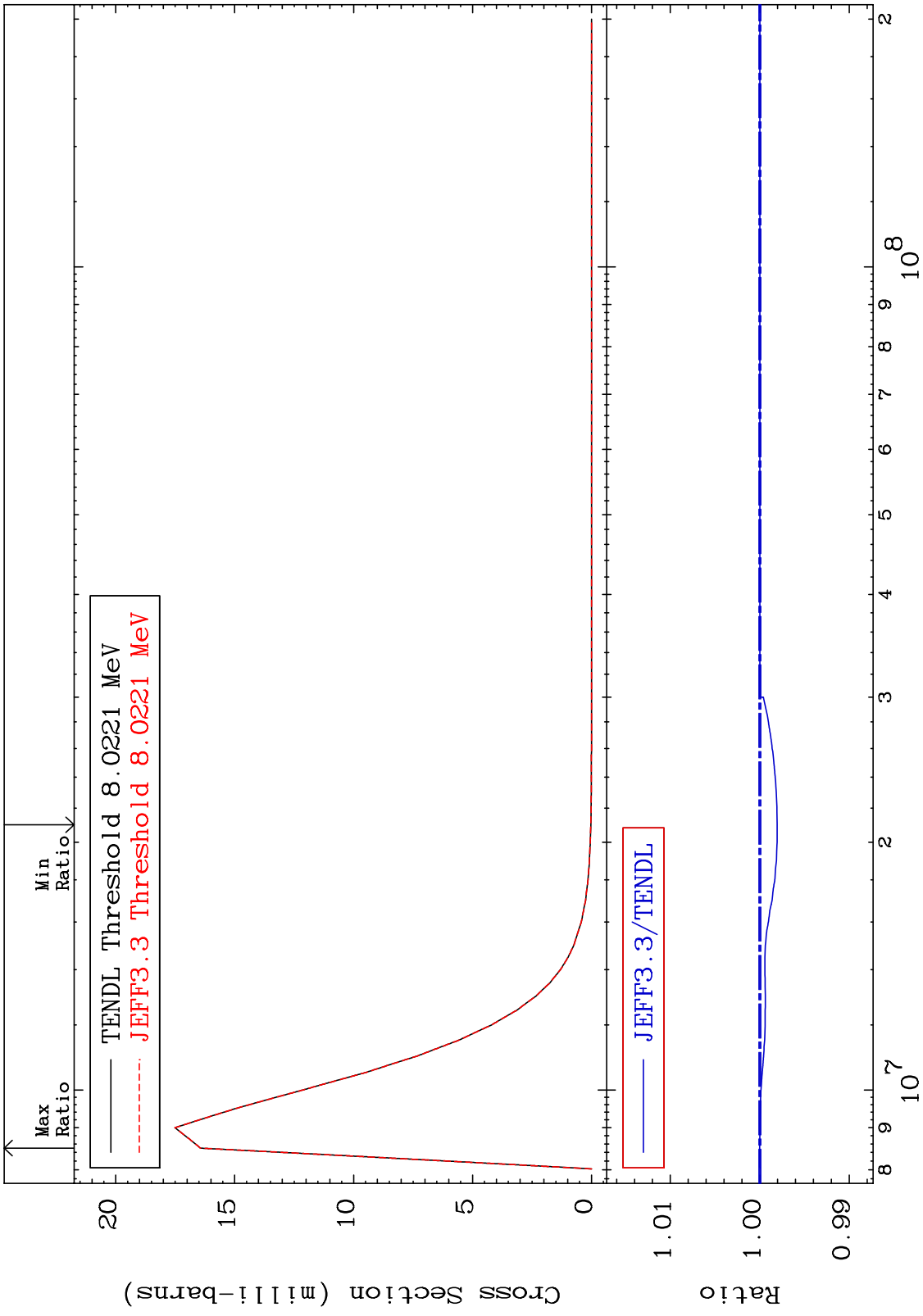
16-S -36
-0.232 To 0.000 %



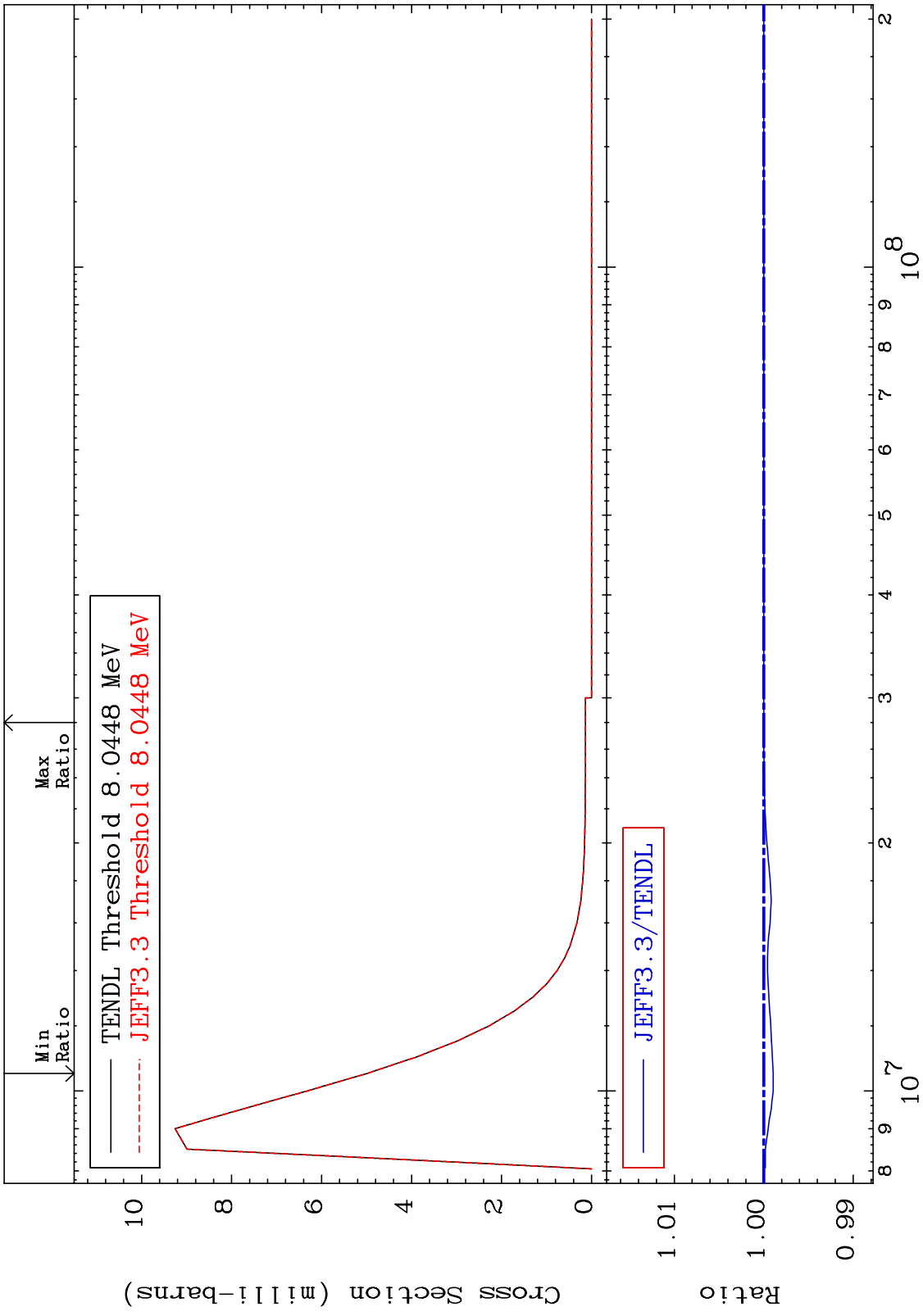
45

16-S -36

MAT 1637 MT= 78 (n,n') Level Cross Section 16-S -36
 -0.194 To 0.000 %



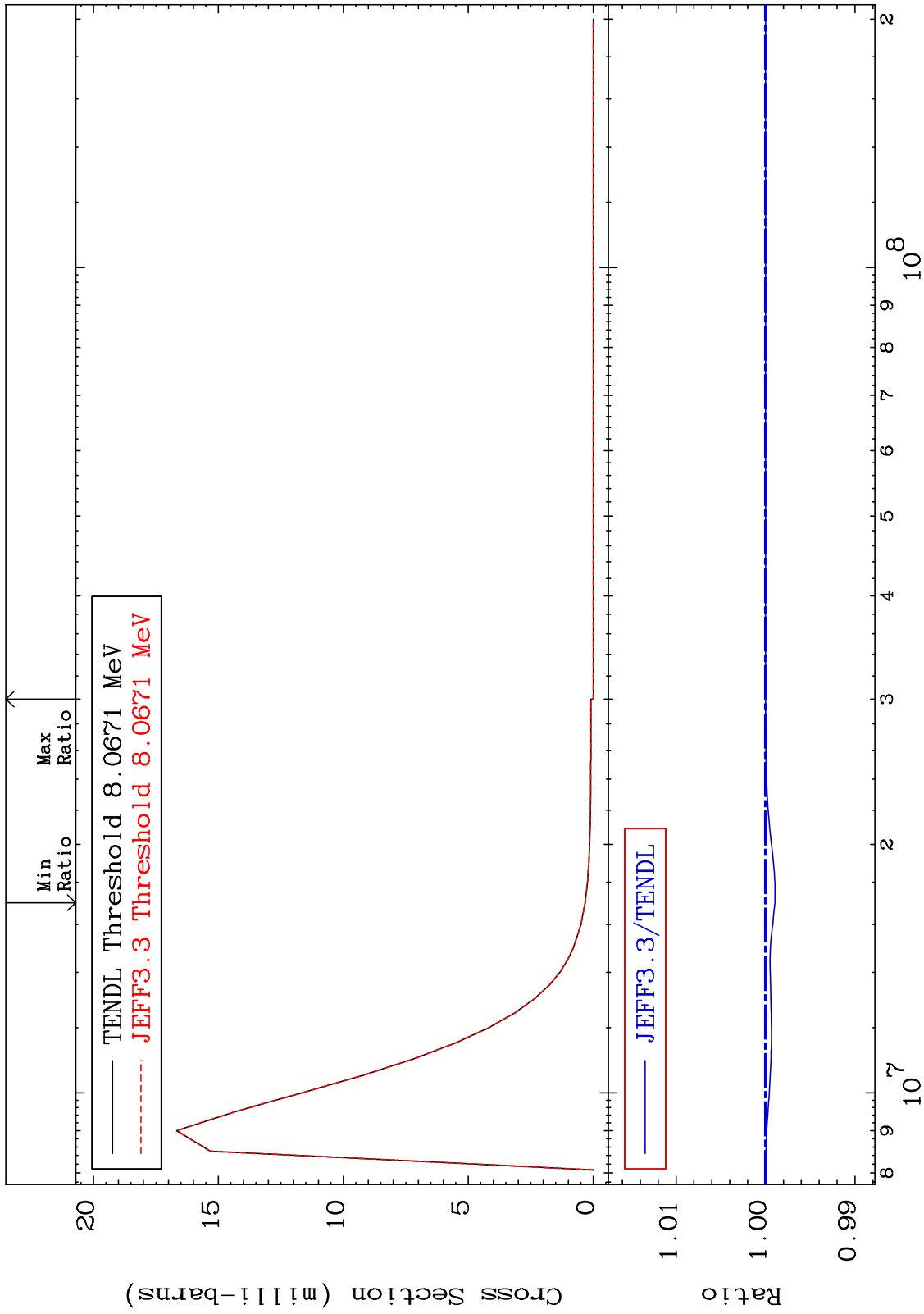
MAT 1637 MT= 79 (n,n') Level Cross Section 16-S -36
-0.105 To 0.000 %



MAT 1637

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

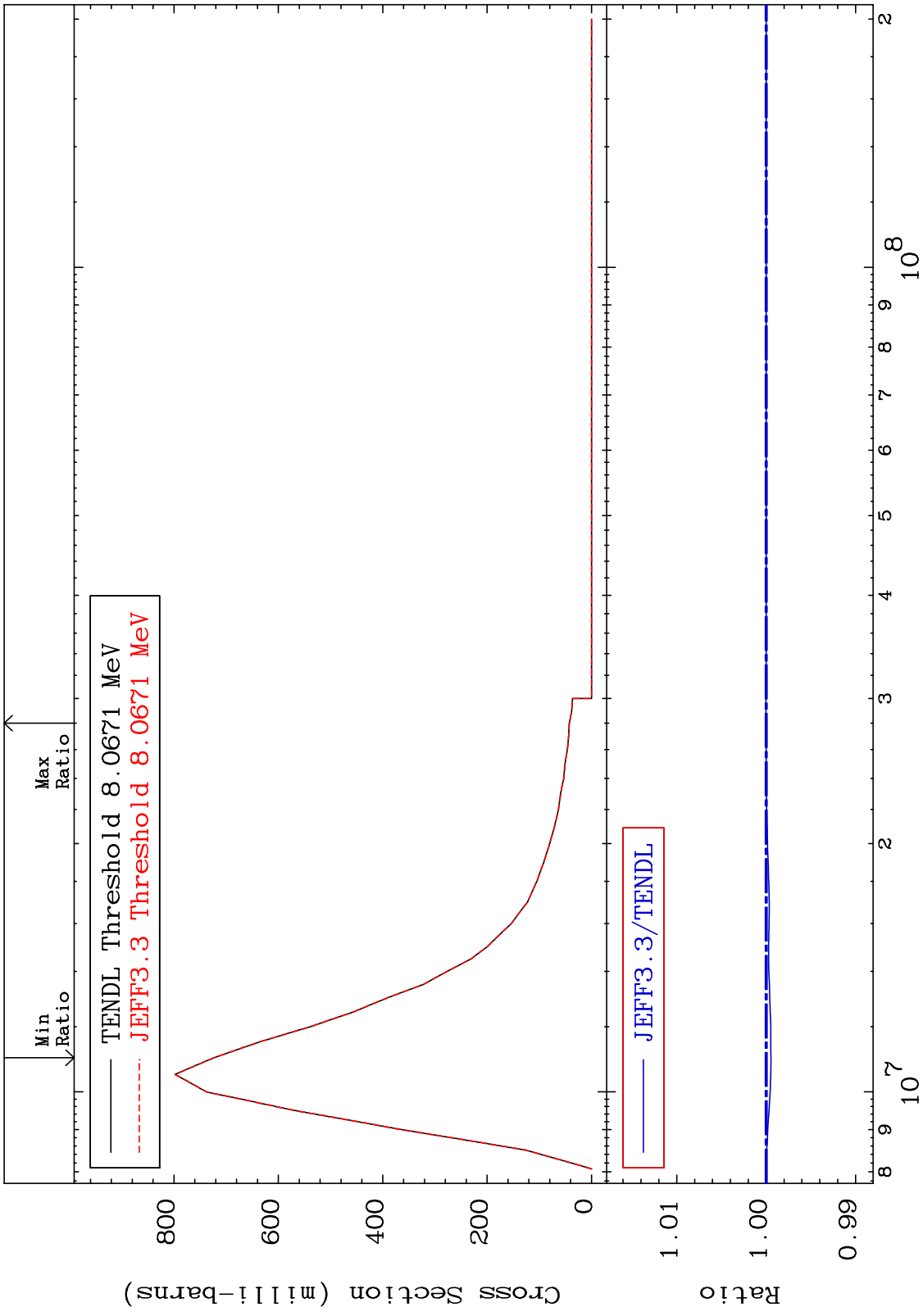
16-S -36
-0.105 To 0.000 %



48

Incident Energy (eV)

16-S -36



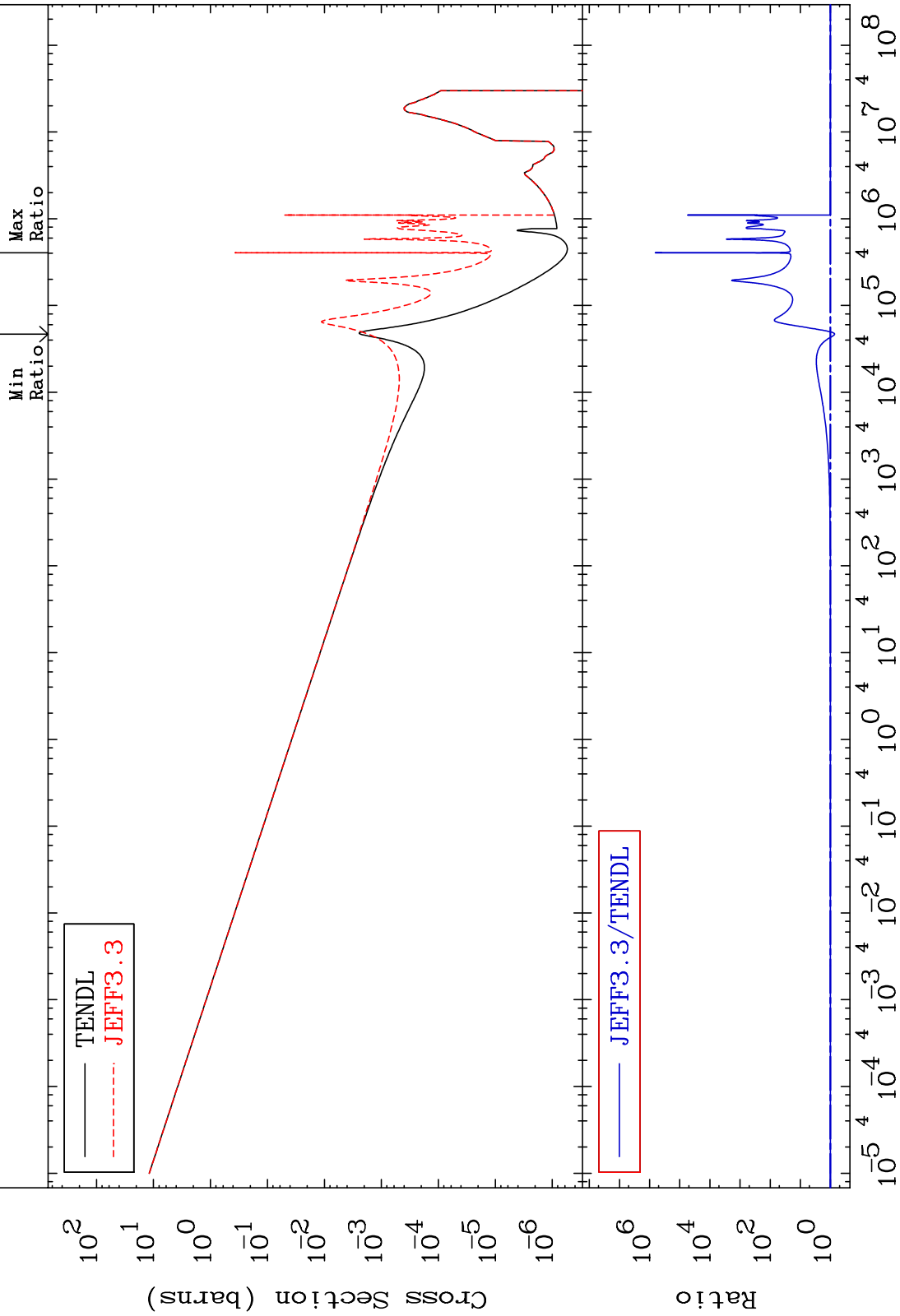
MAT 1637

(n, γ)

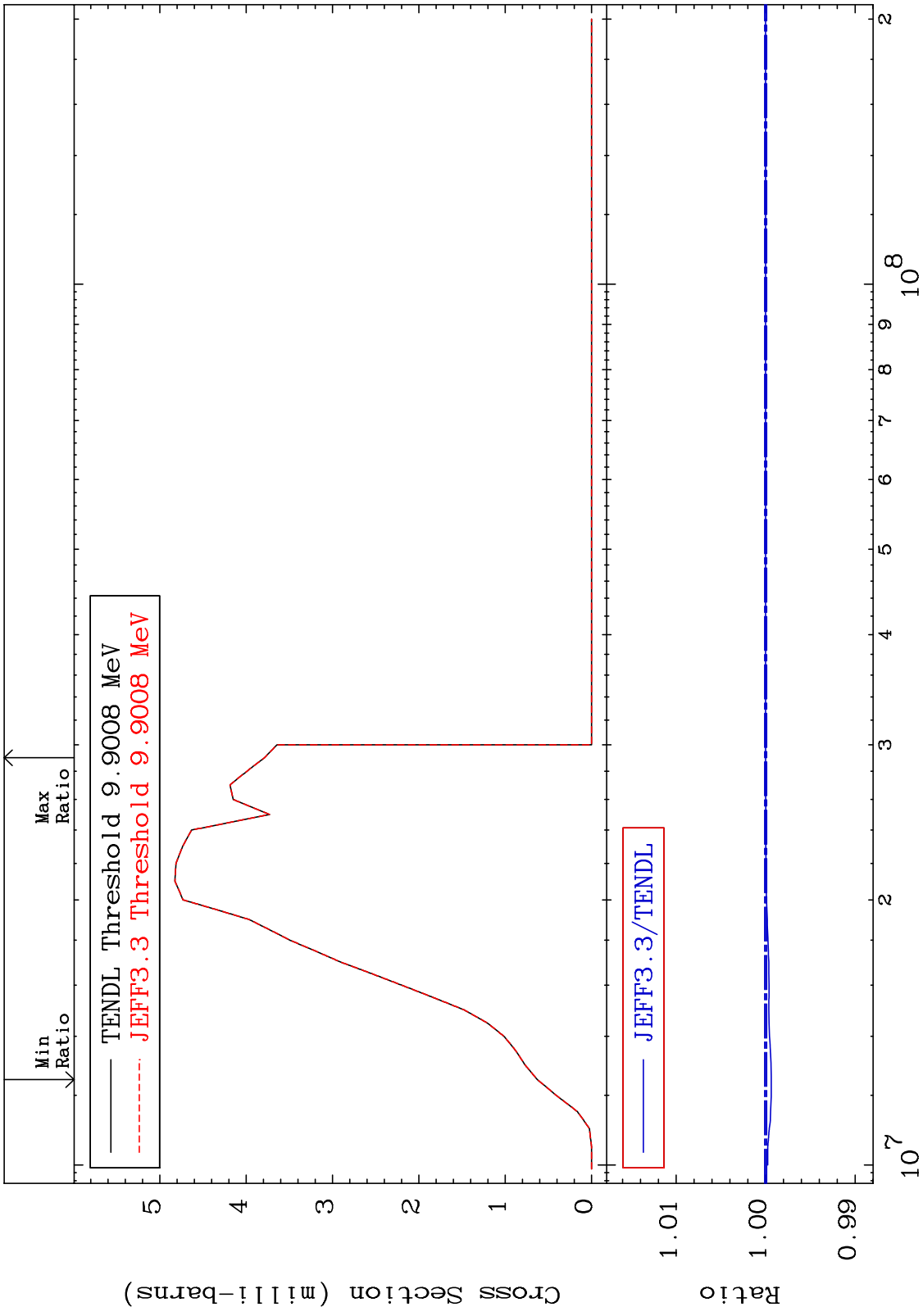
16-S -36

Cross Section

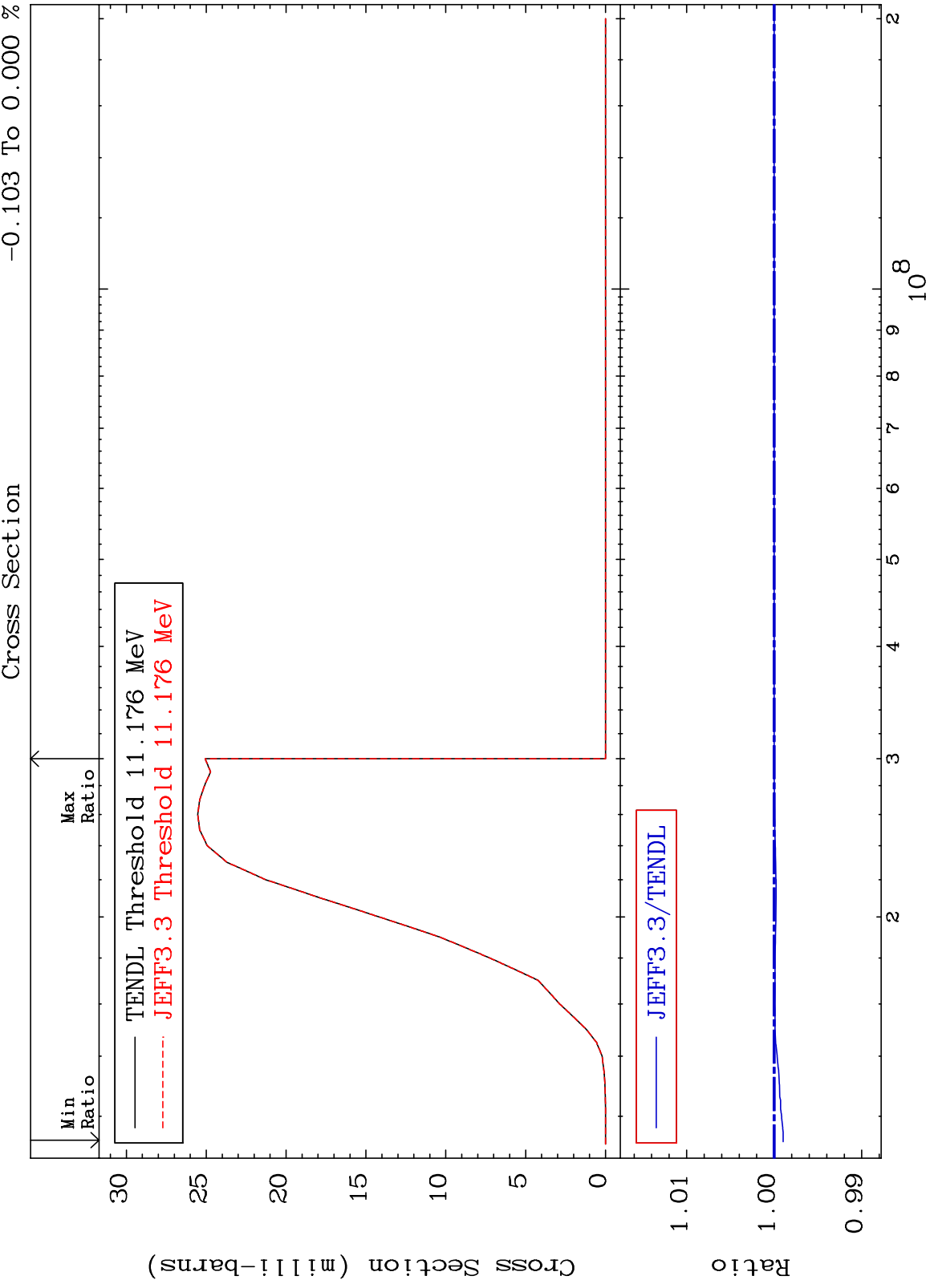
-26.99 To 9999. %

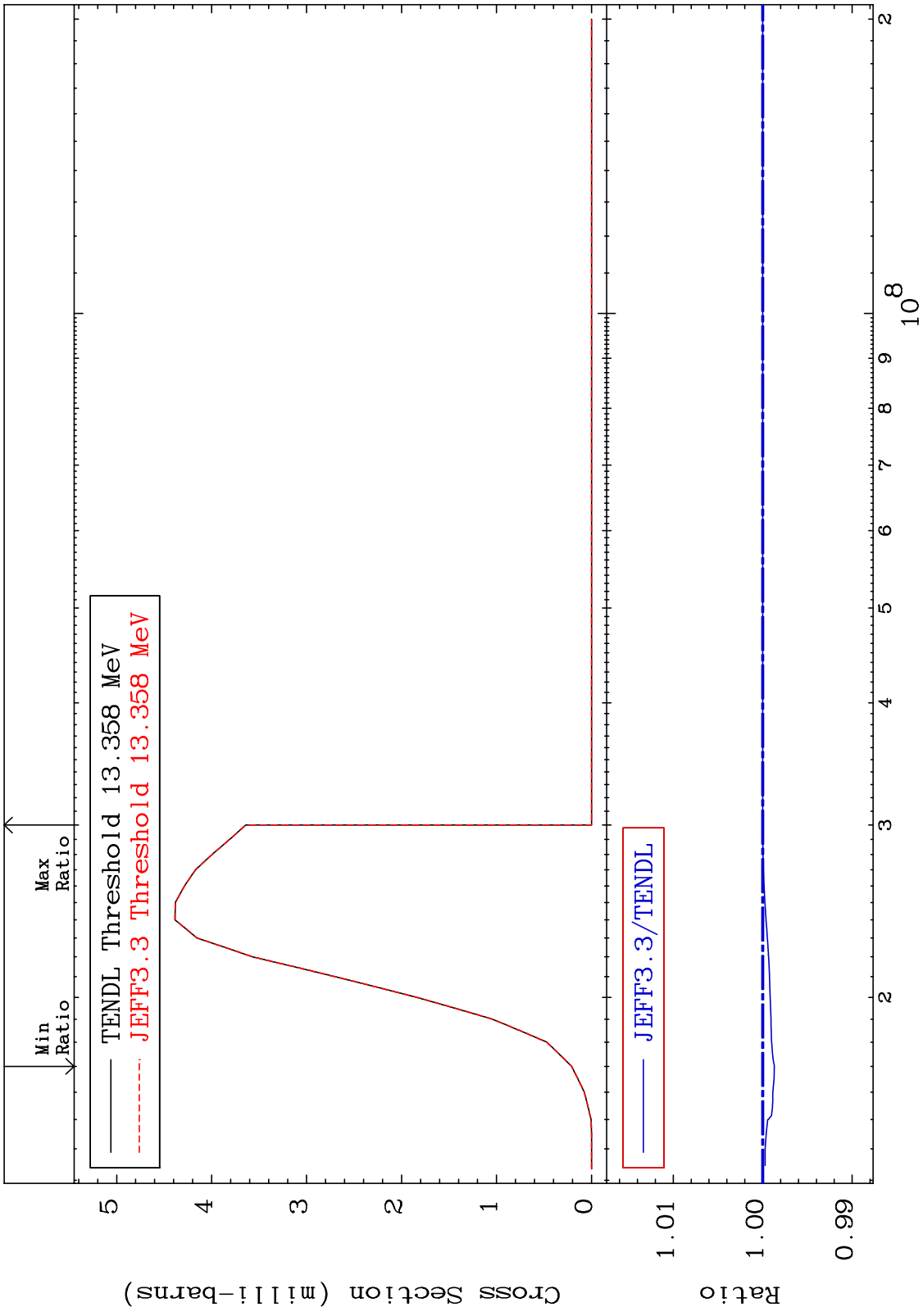


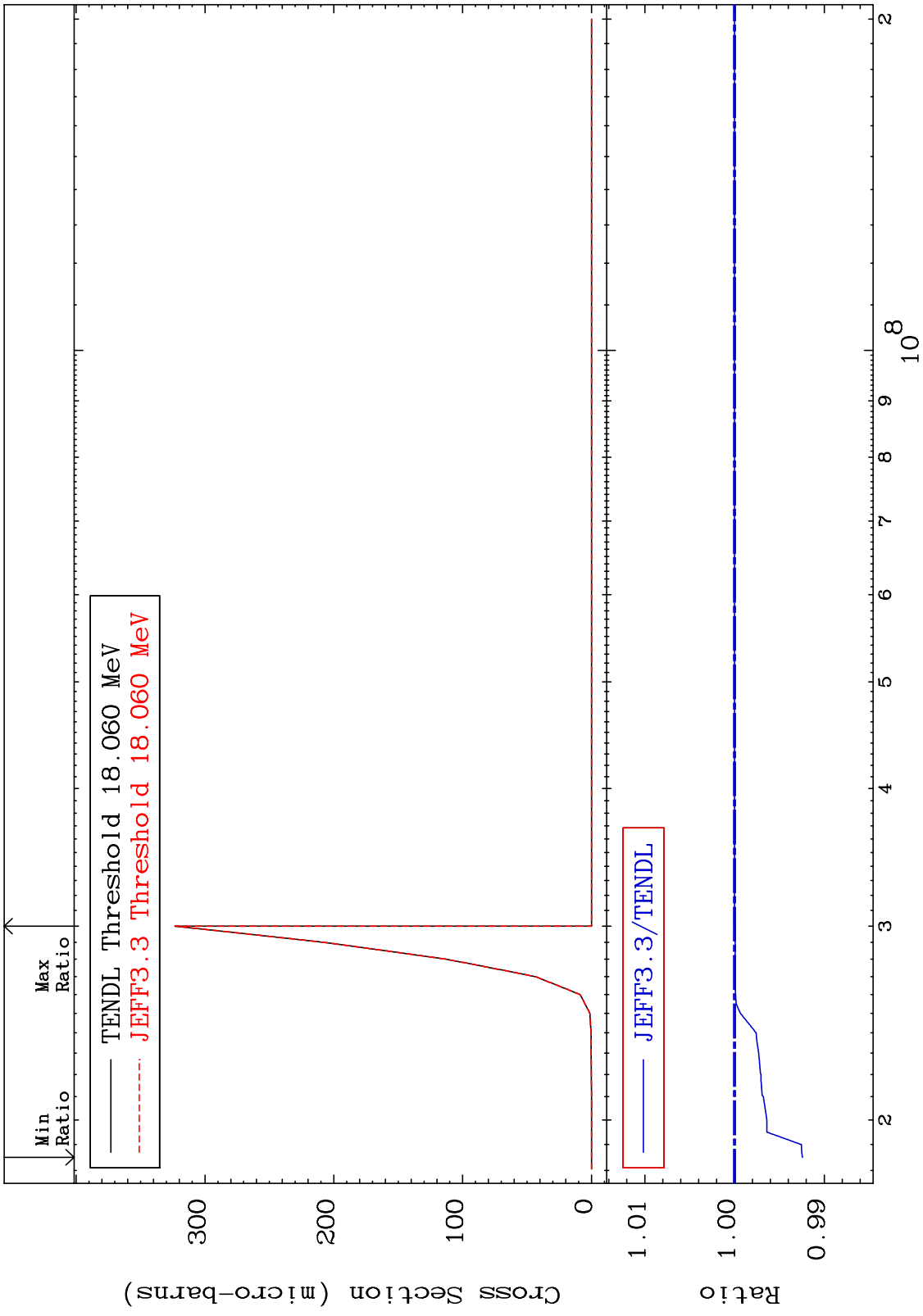
MAT 1637 (n,p) Cross Section 16-S -36 -0.063 To 0.000 %



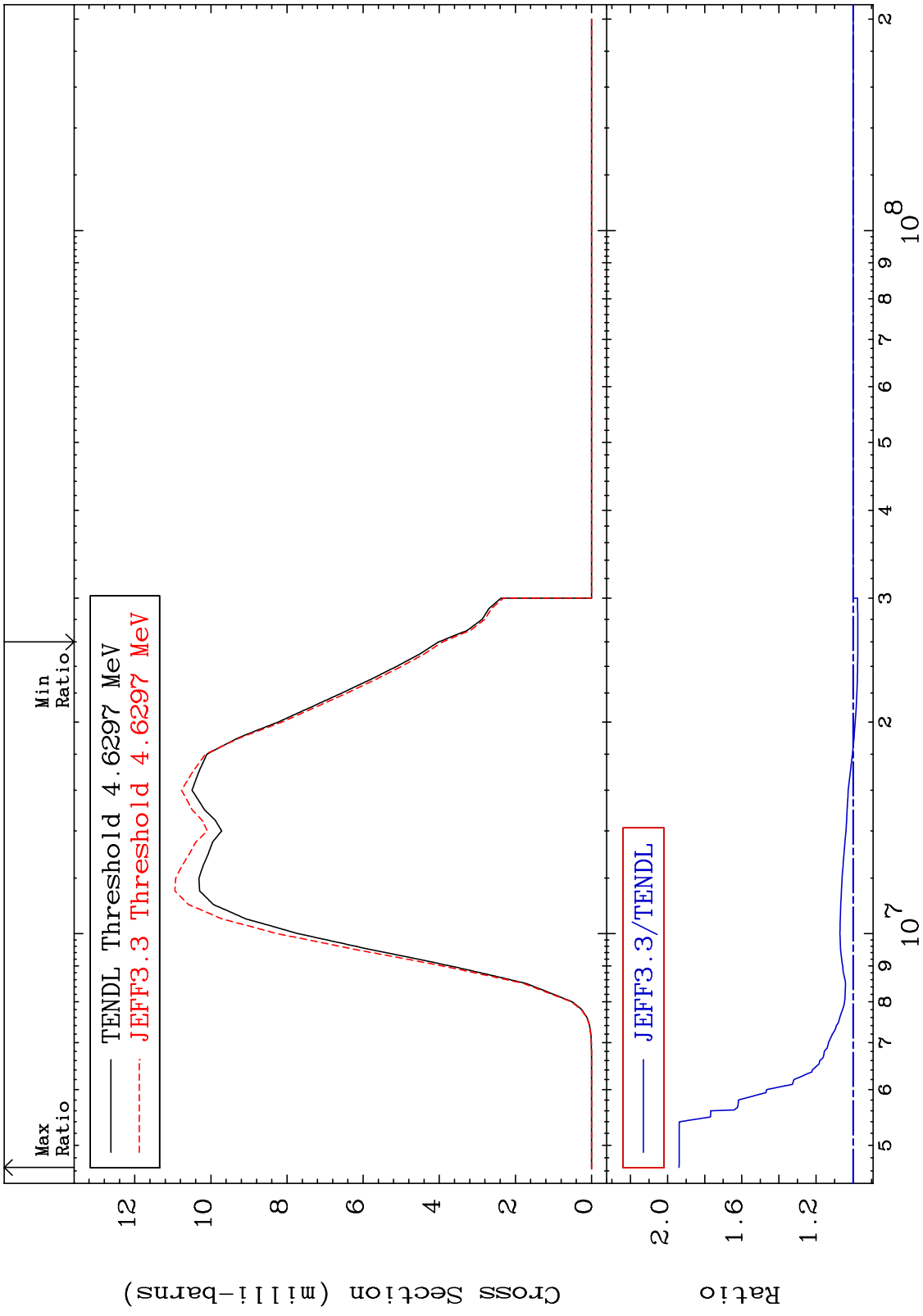
51 16-S -36



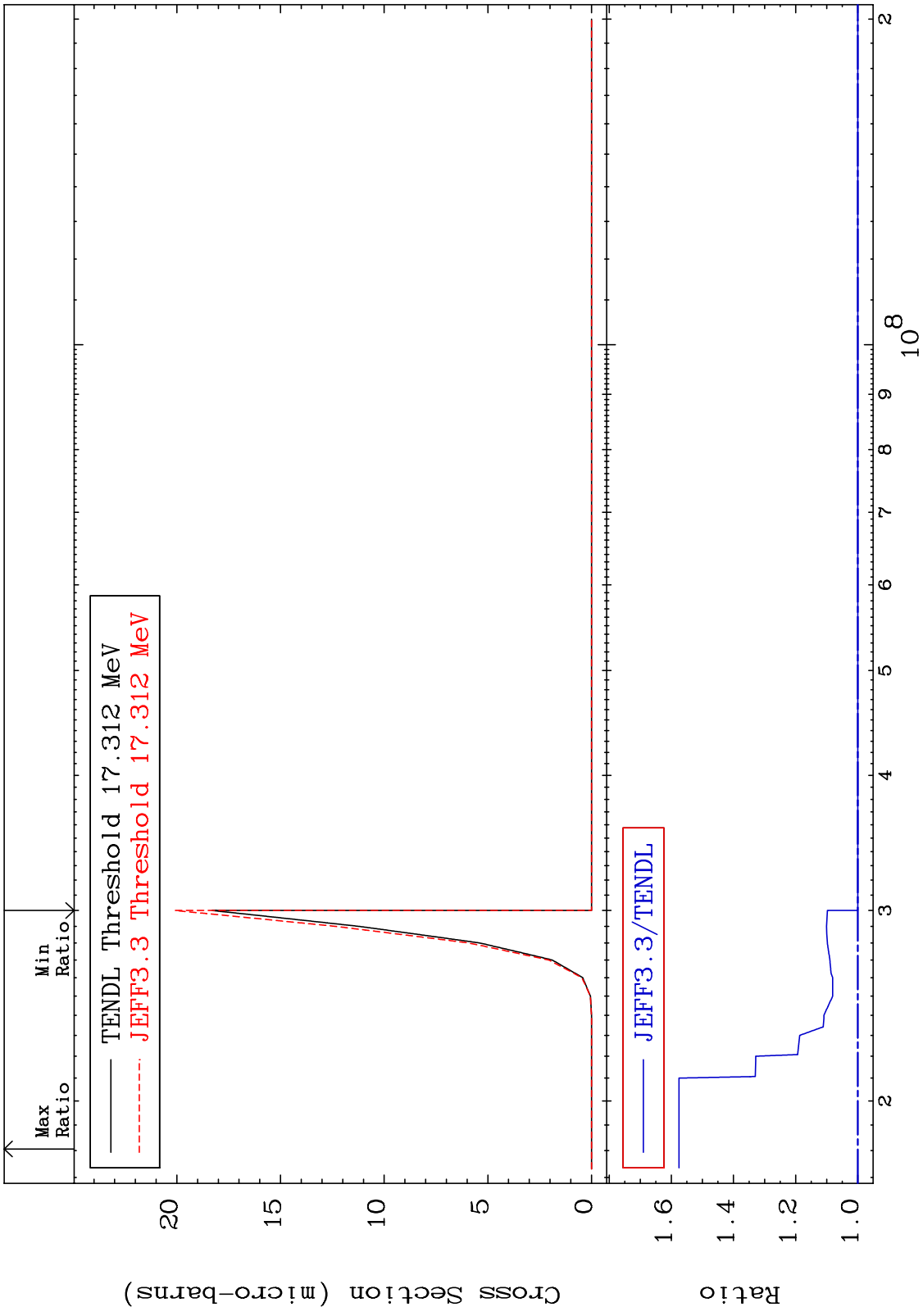


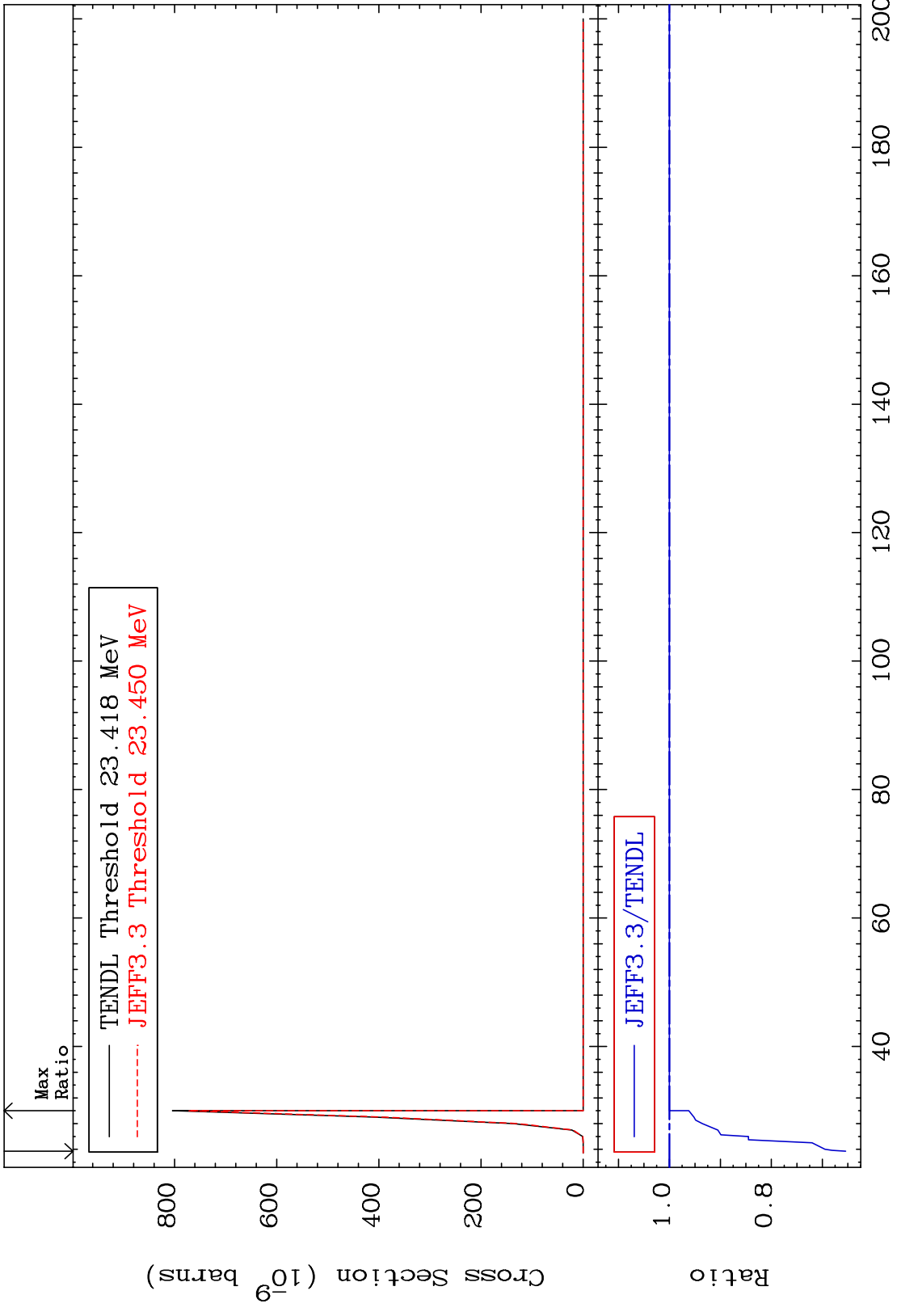


MAT 1637 (n,α) 16-S -36
-2.556 To 93.82 %

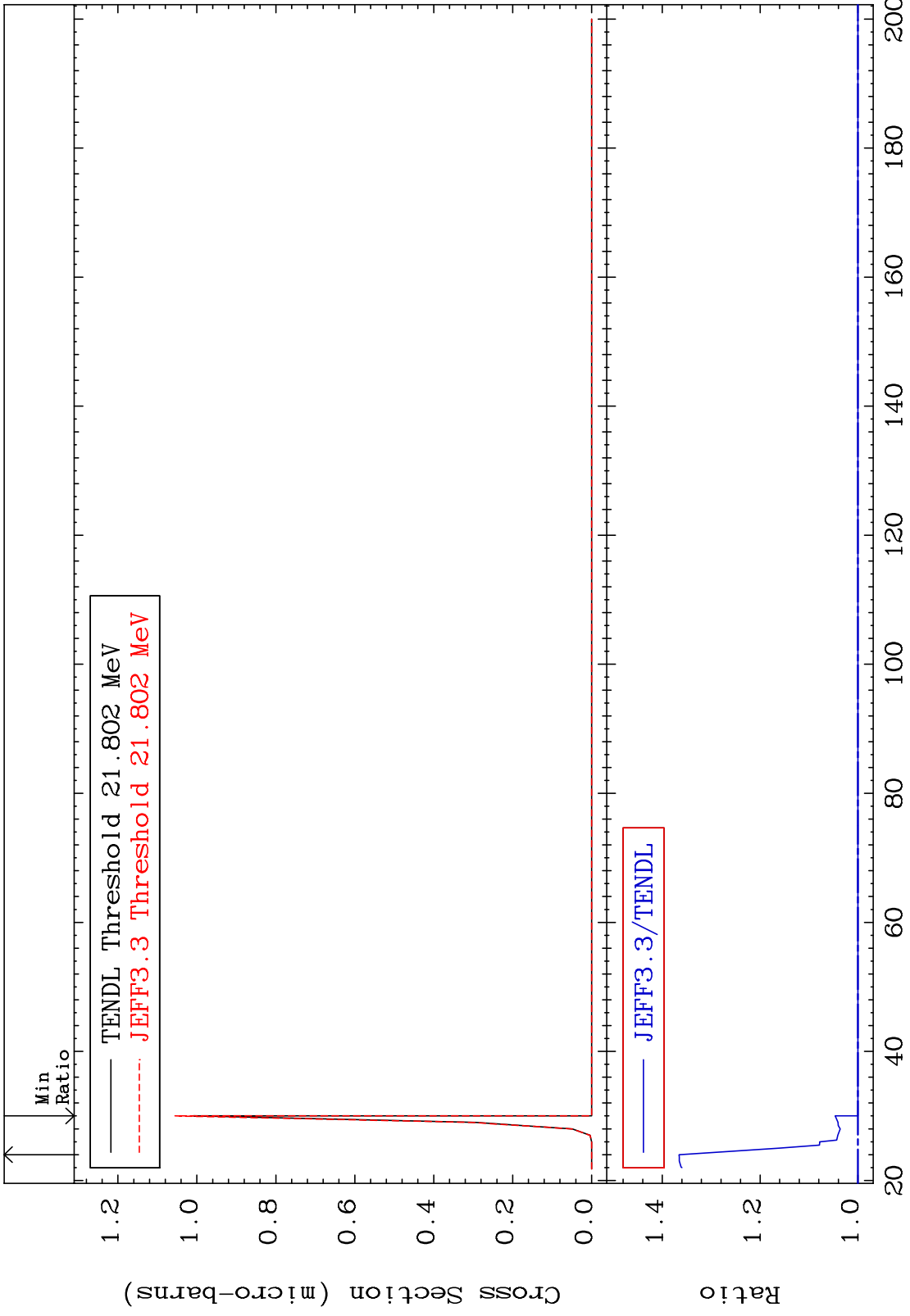


MAT 1637 $(n, 2\alpha)$ 16-S -36
 Cross Section 0.000 To 57.52 %

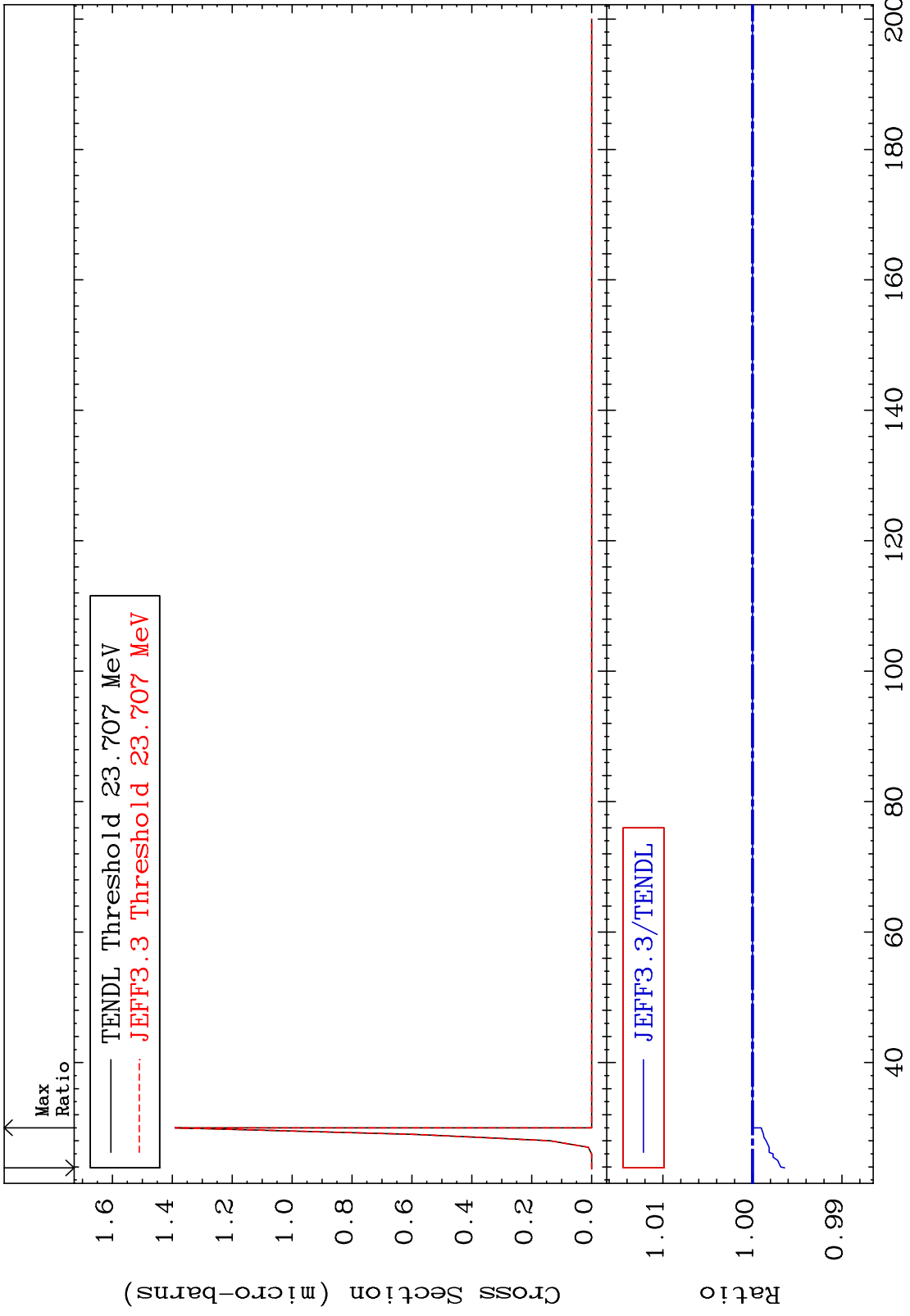




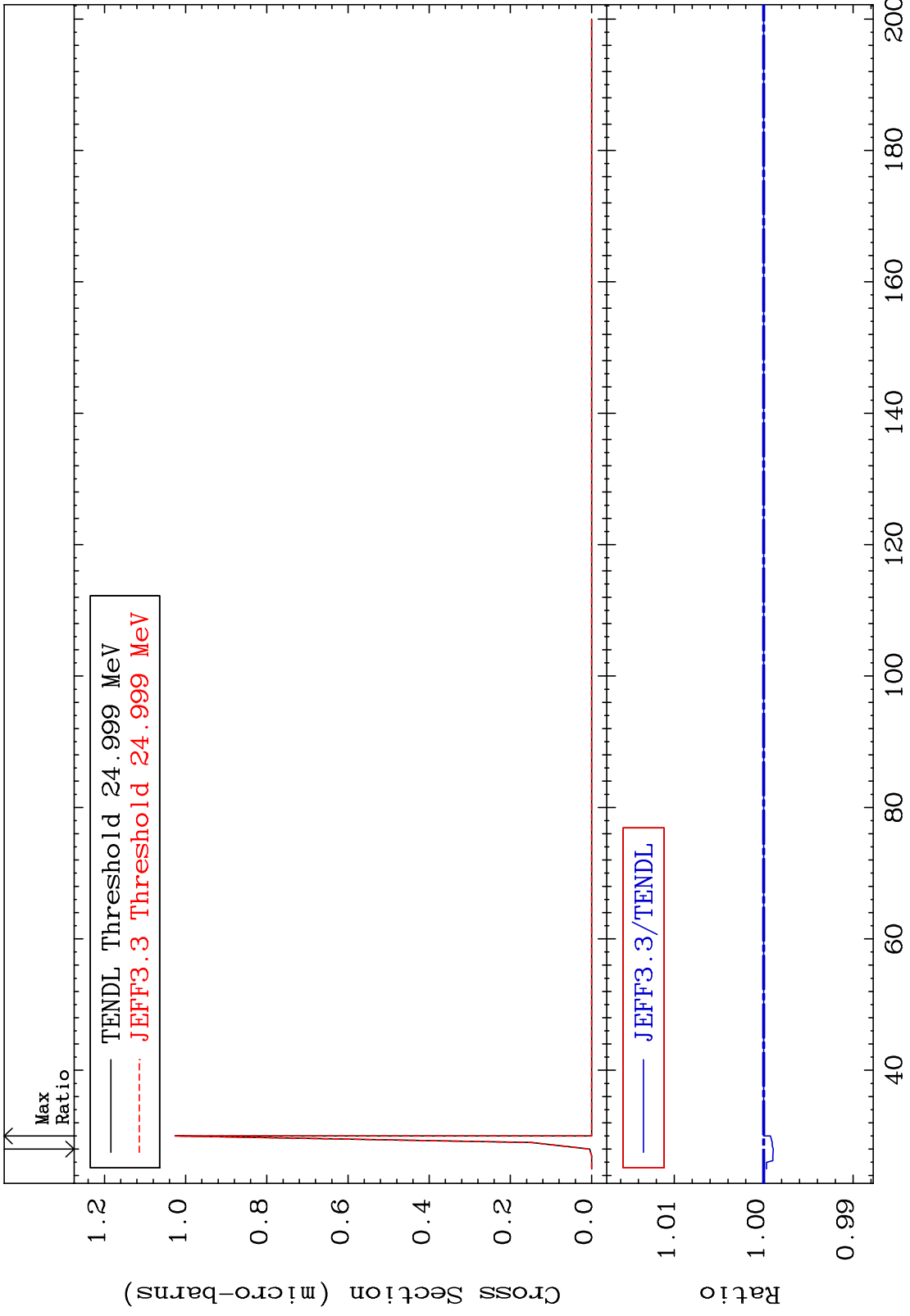
MAT 1637 (n,p) α 16-S -36
Cross Section 0.000 To 36.55 %



58 16-S -36

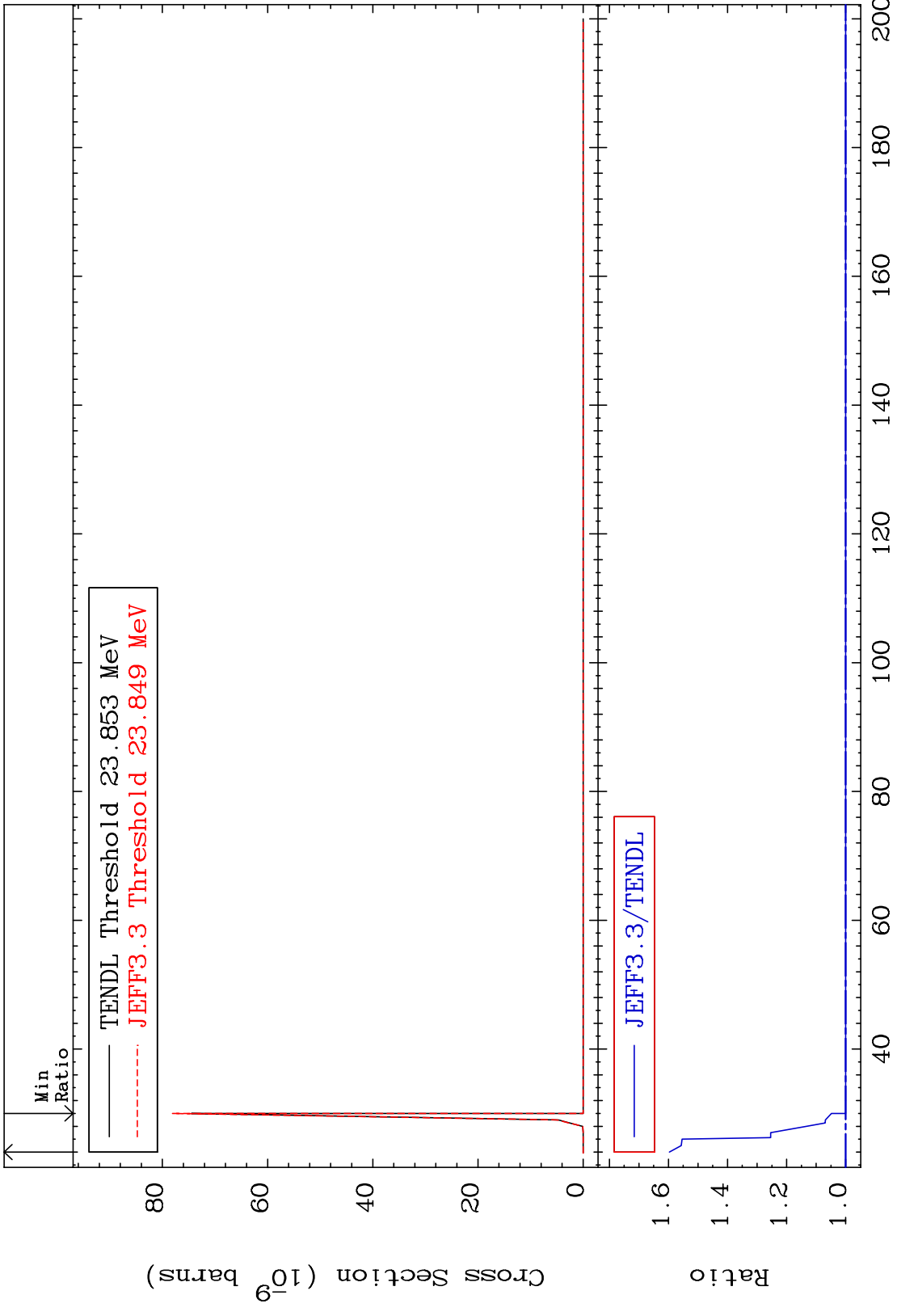


MAT 1637 (n,p) t 16-S -36
Cross Section -0.108 To 0.000 %

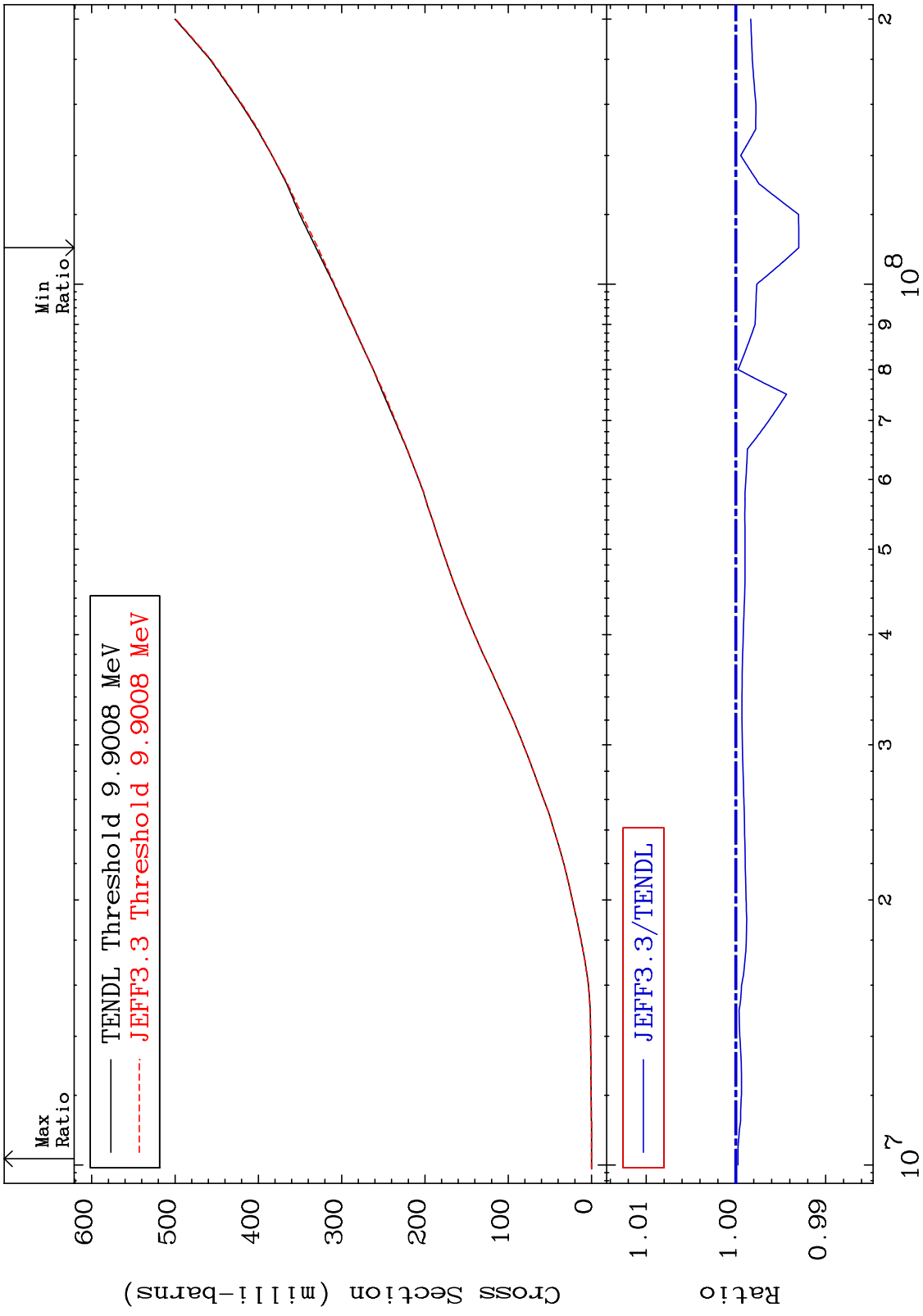


60 Incident Energy (MeV) 16-S -36

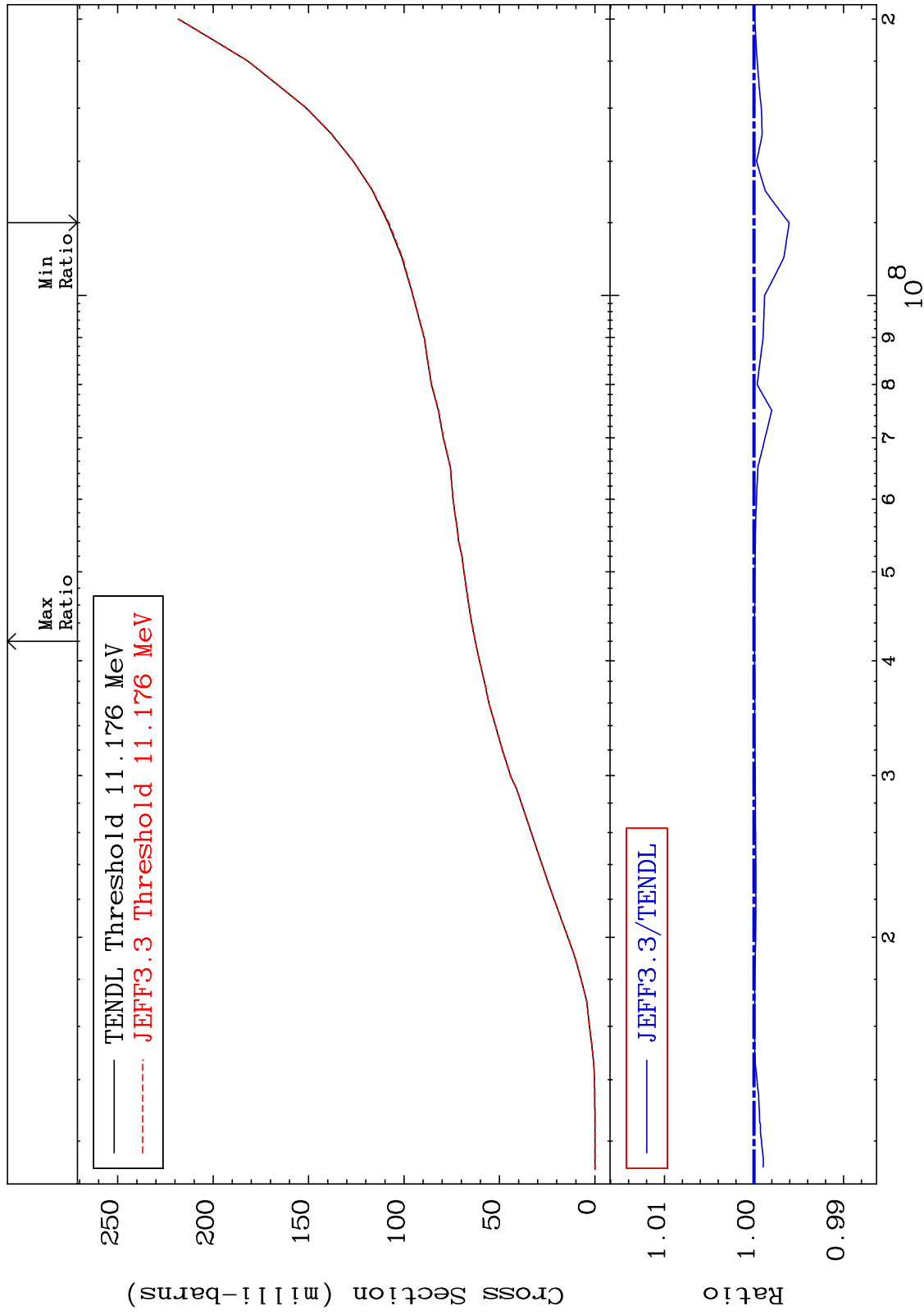
MAT 1637 (n,d) α 16-S -36
Cross Section To 59.67 % 0.000



MAT 1637 Hydrogen Production Cross Section 16-S -36
-0.702 To -0.024%



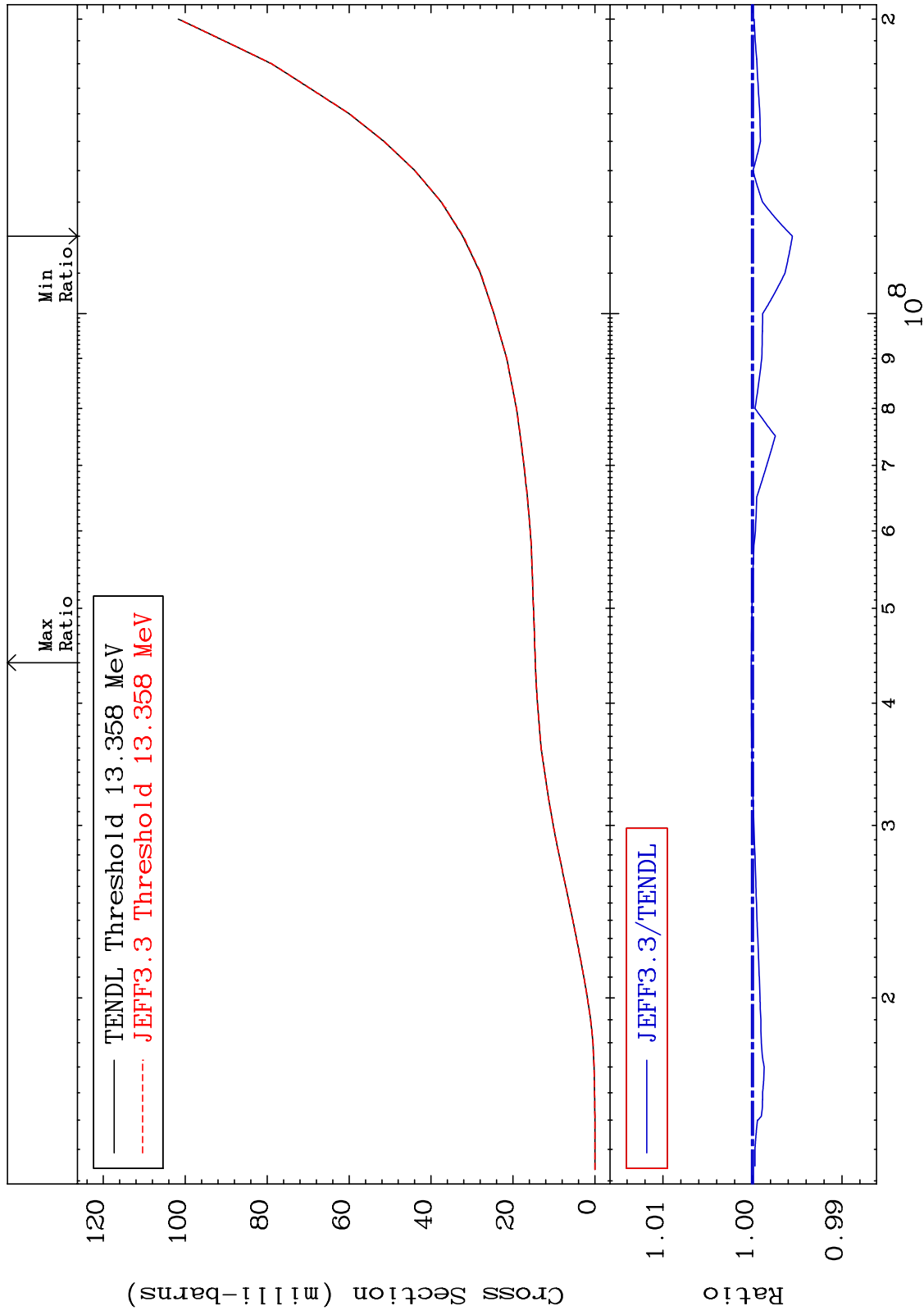
62 16-S -36



MAT 1637

Tritium Production
Cross Section

16-S -36
-0.446 To 0.013 %



64

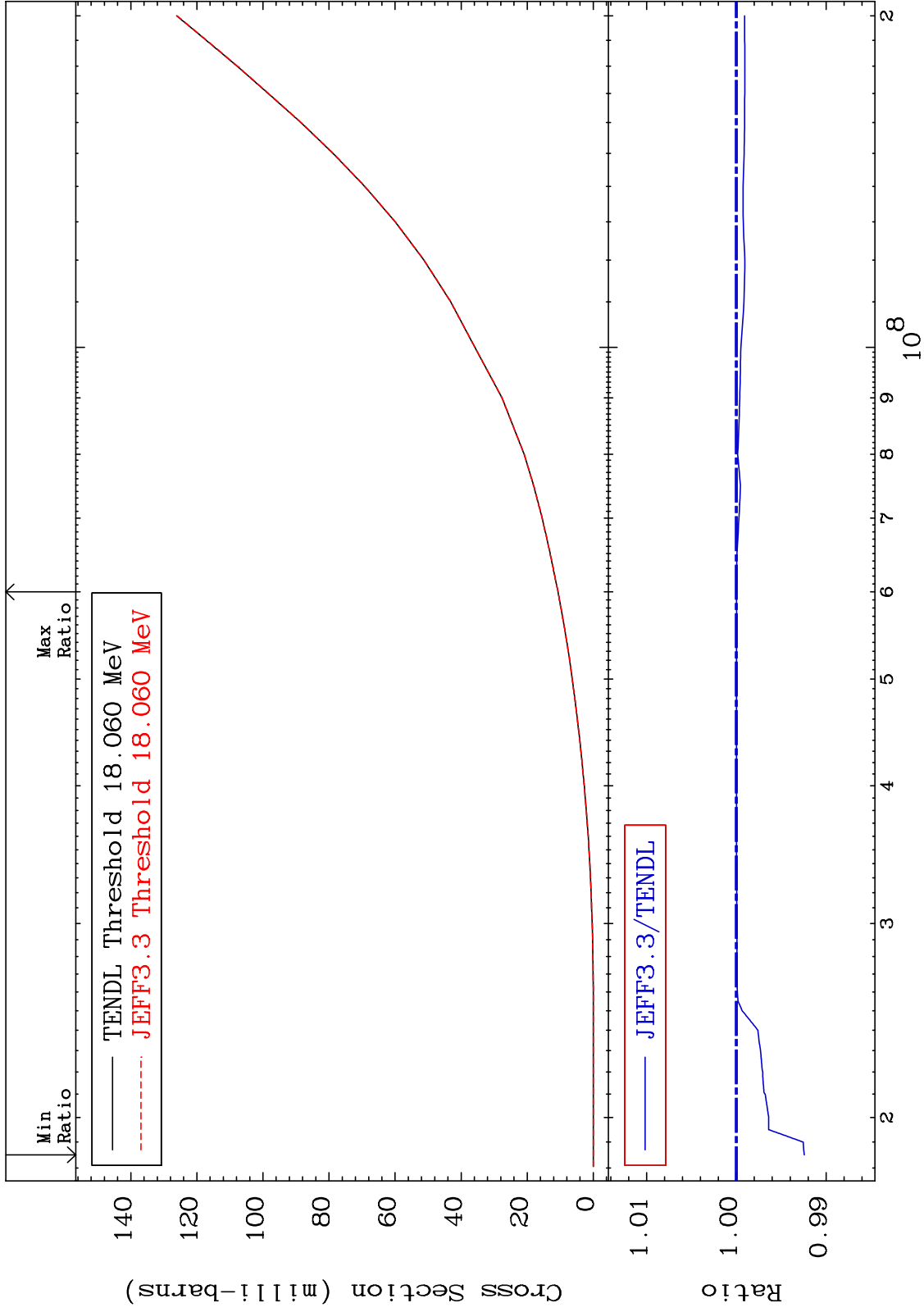
Incident Energy (eV)

16-S -36

MAT 1637

He-3 Production
Cross Section

16-S -36
-0.756 To 0.001 %

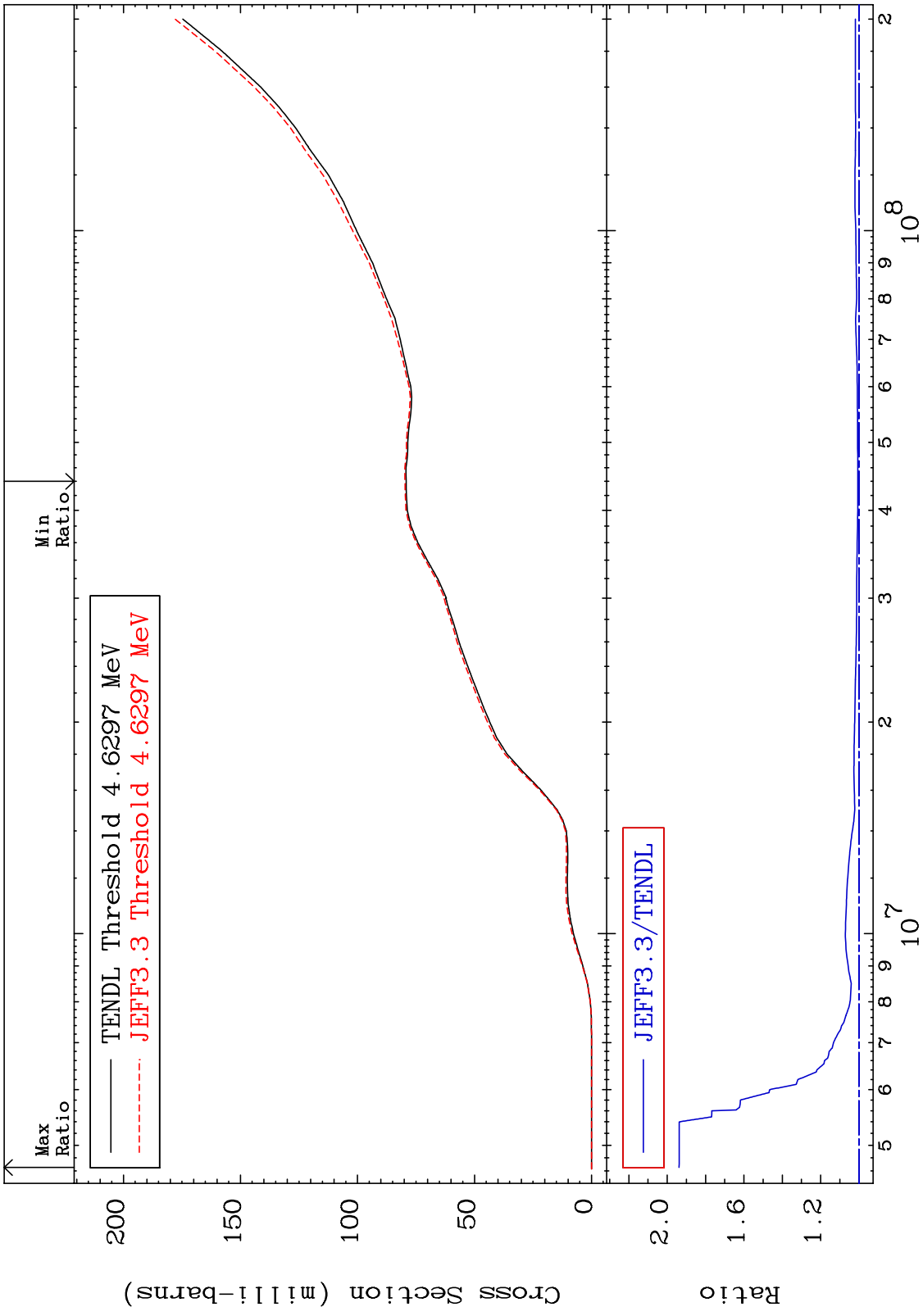


65

Incident Energy (eV)

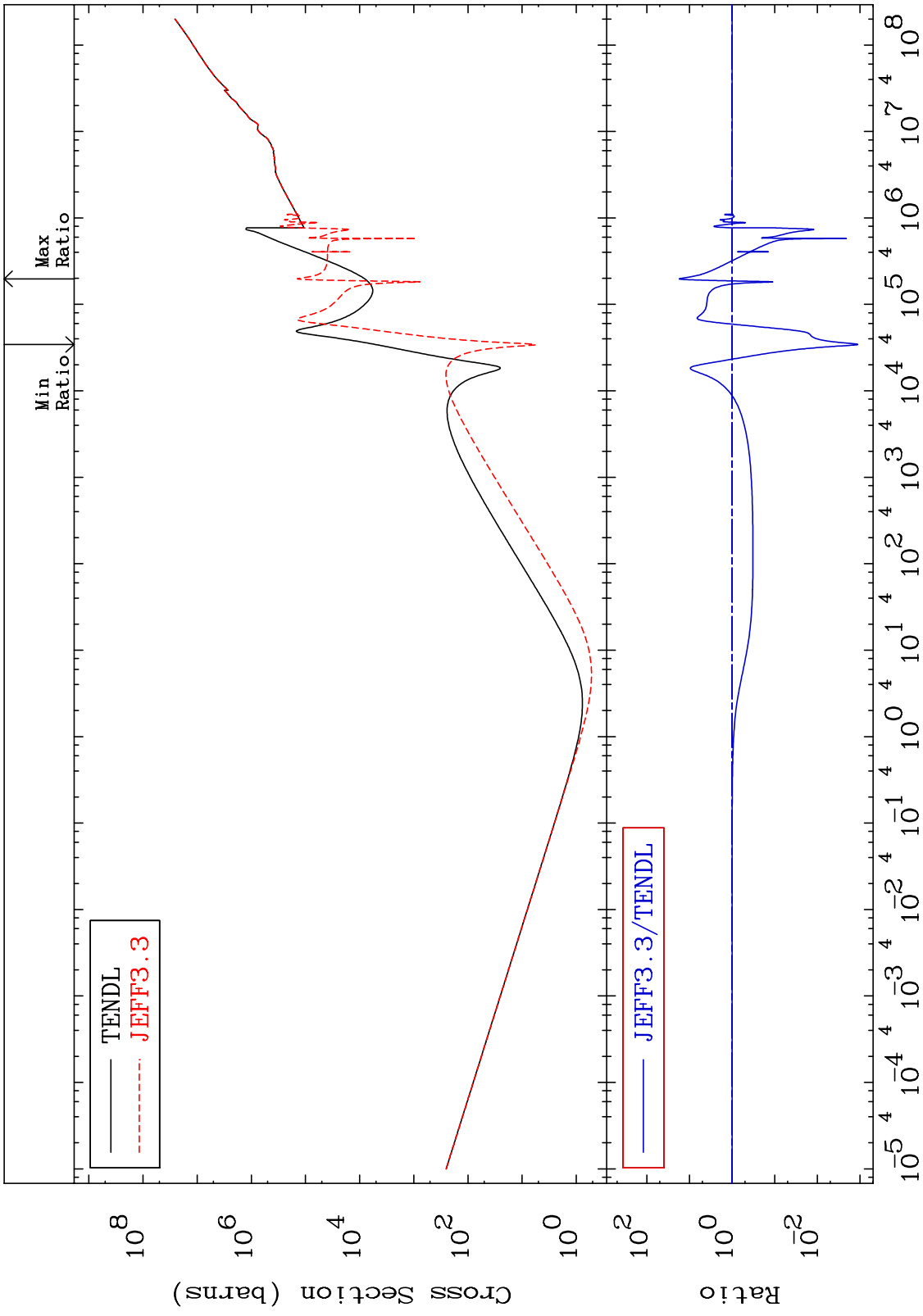
16-S -36

MAT 1637 He-4 Production Cross Section 16-S -36 To 93.82 %



66 16-S -36

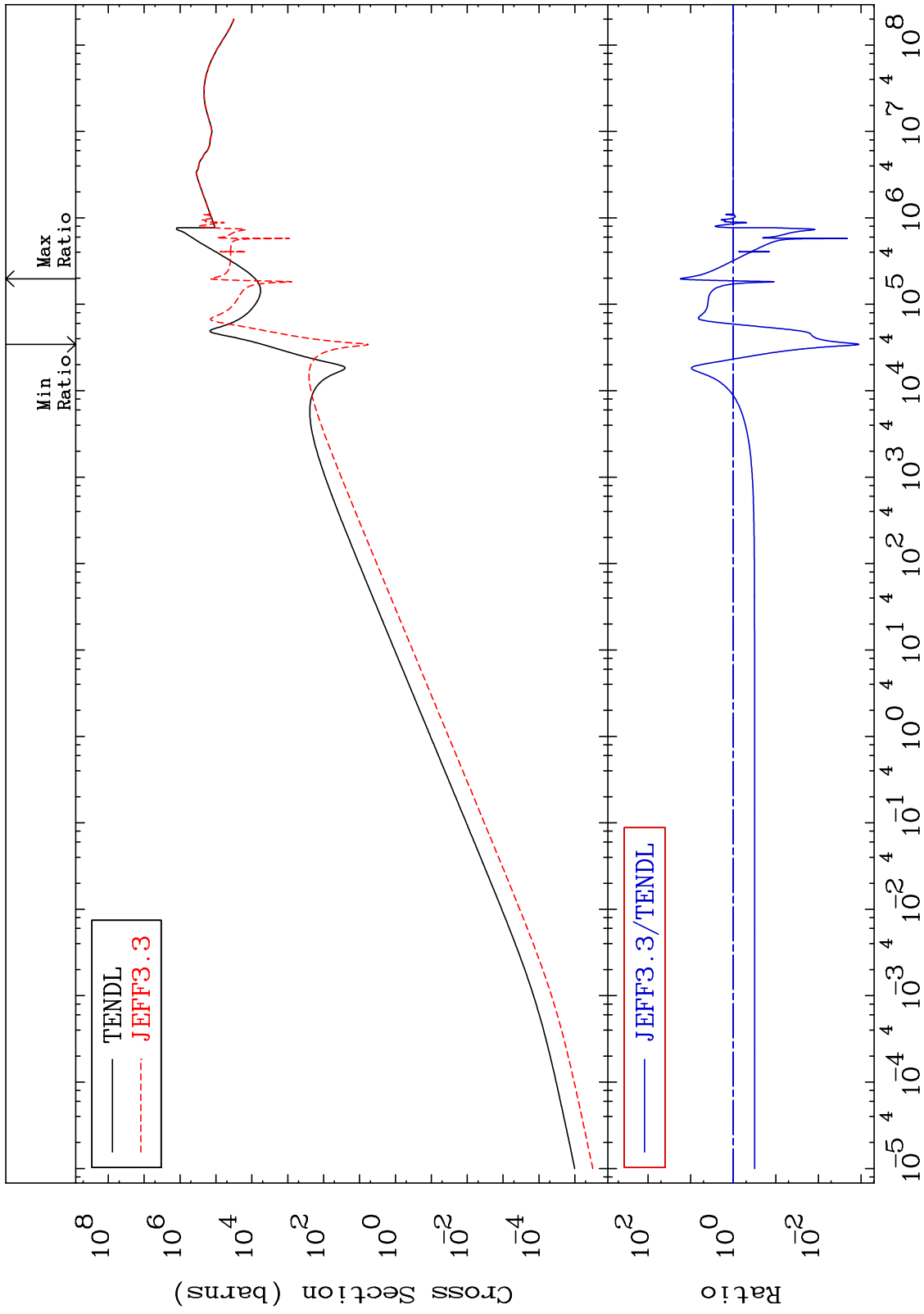
MAT 1637 Kerma total (eV-barns) Cross Section 16-S -36
 -99.89 To 1656. %



MAT 1637

Kerma elastic
Cross Section

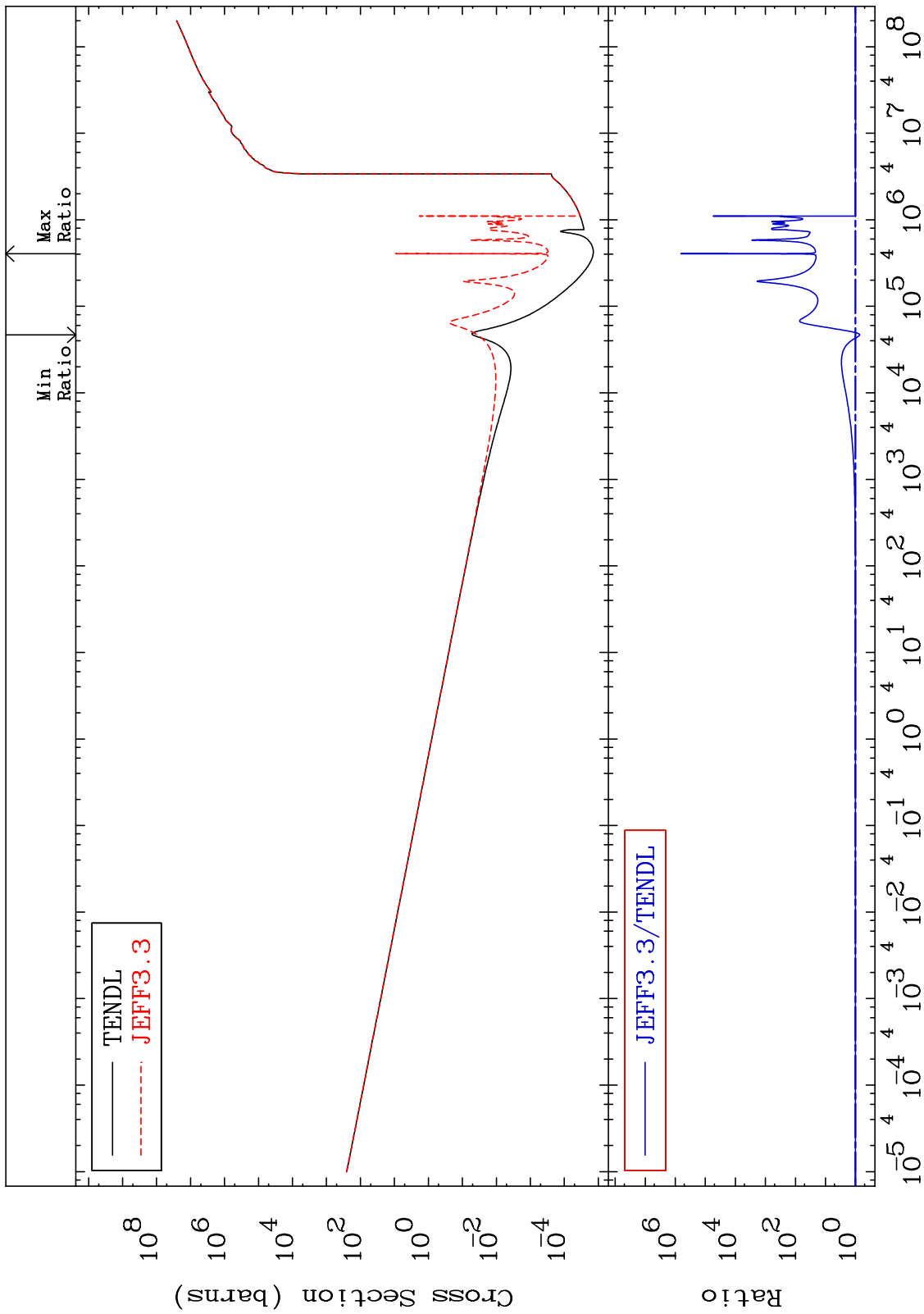
16-S -36
-99.89 To 1656. %

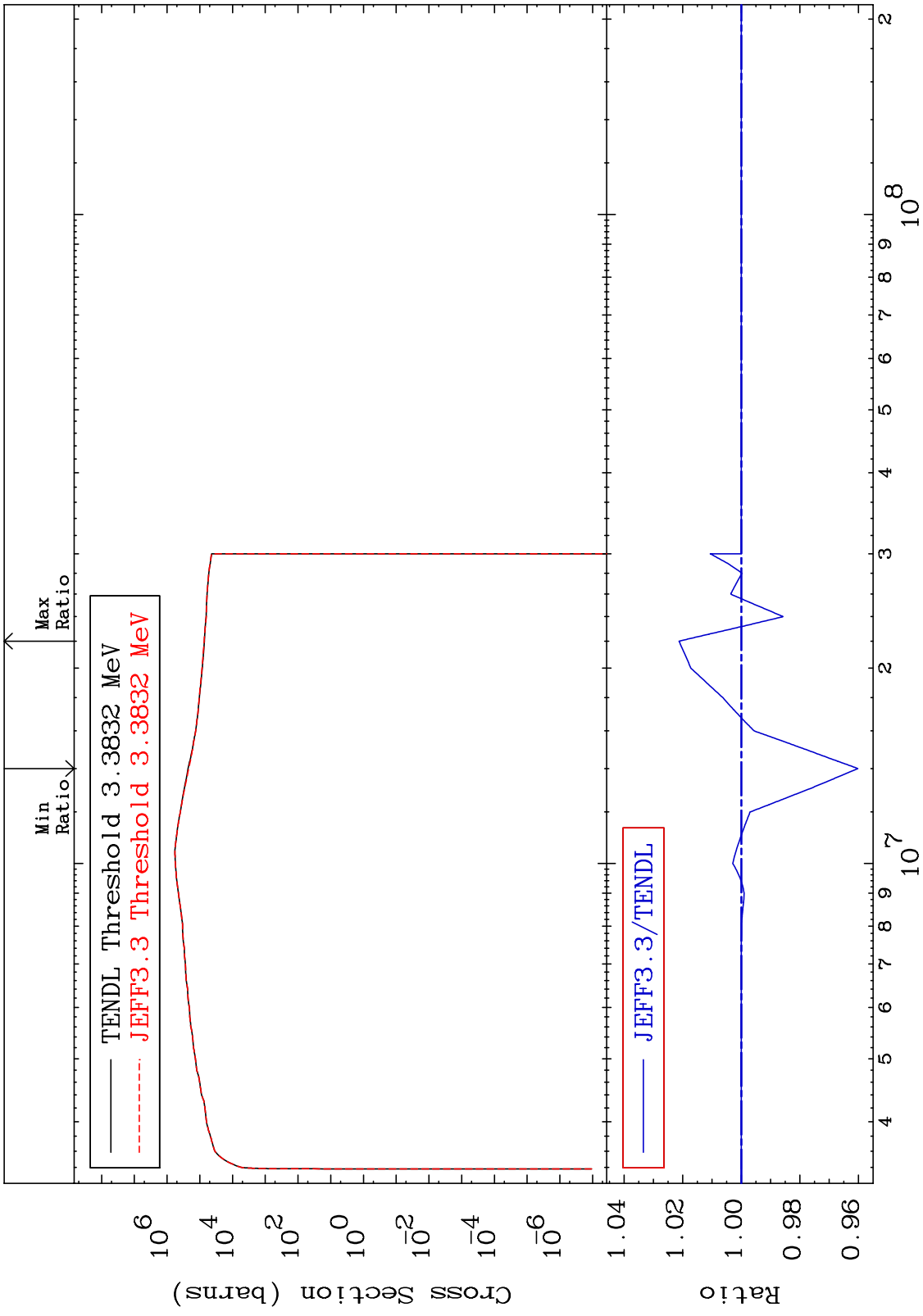


MAT 1637

Kerma non-elastic (all but mt.2)
Cross Section

16-S -36
-26.99 To 9999. %

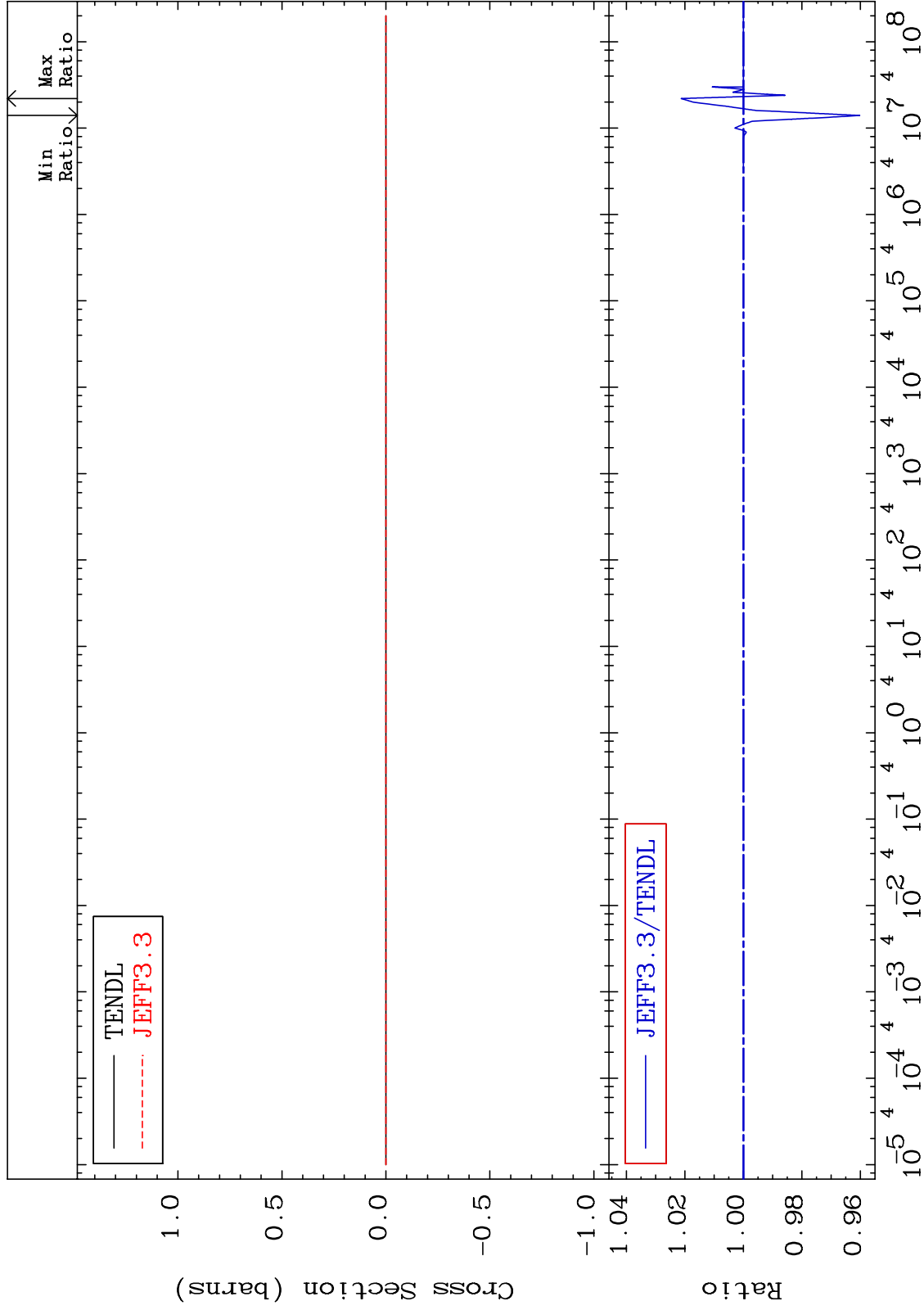




MAT 1637

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

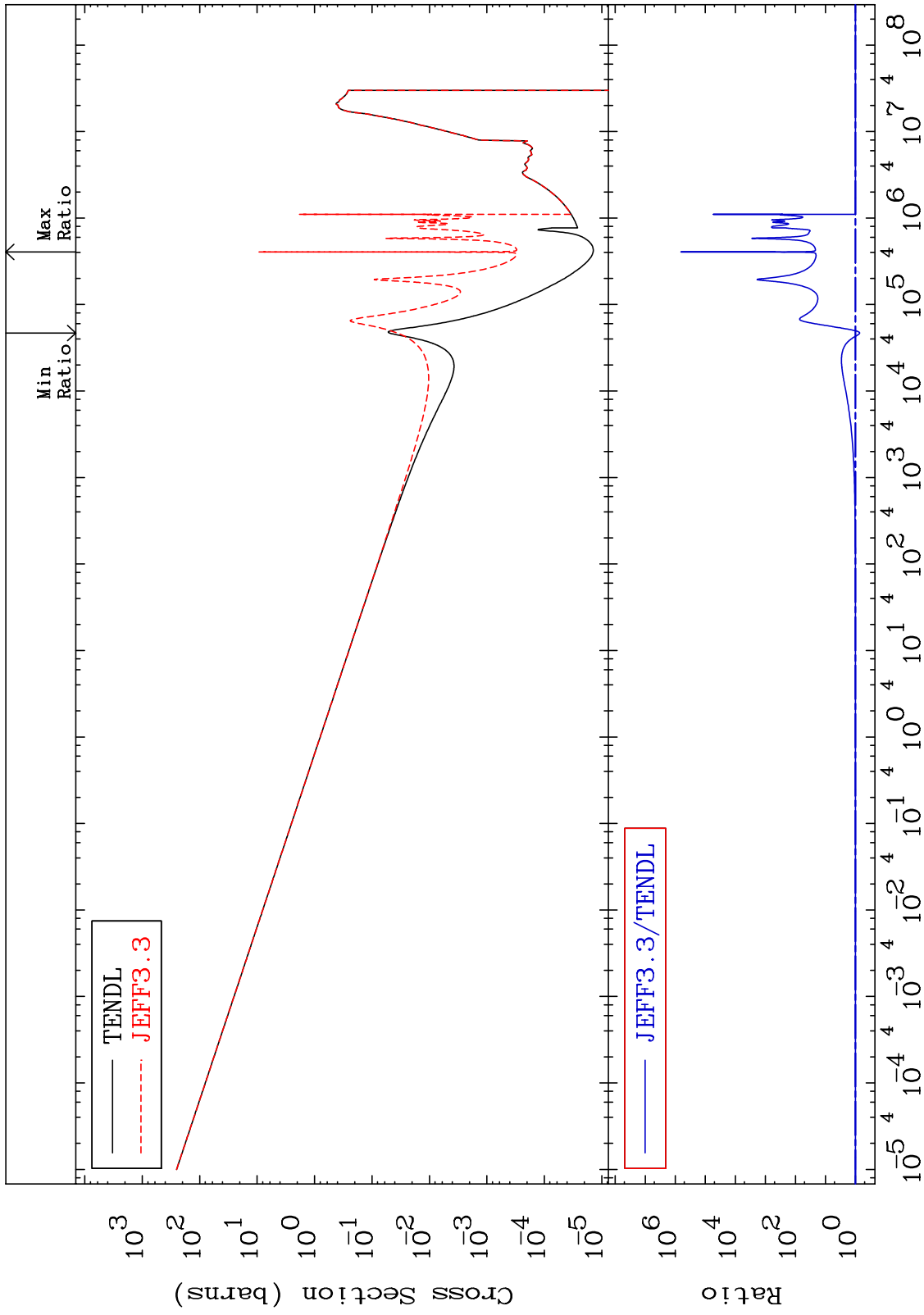
16-S -36
-3.977 To 2.128 %



MAT 1637

Kerma capture (mt102)
Cross Section

16-S -36
-26.99 To 9999. %



72

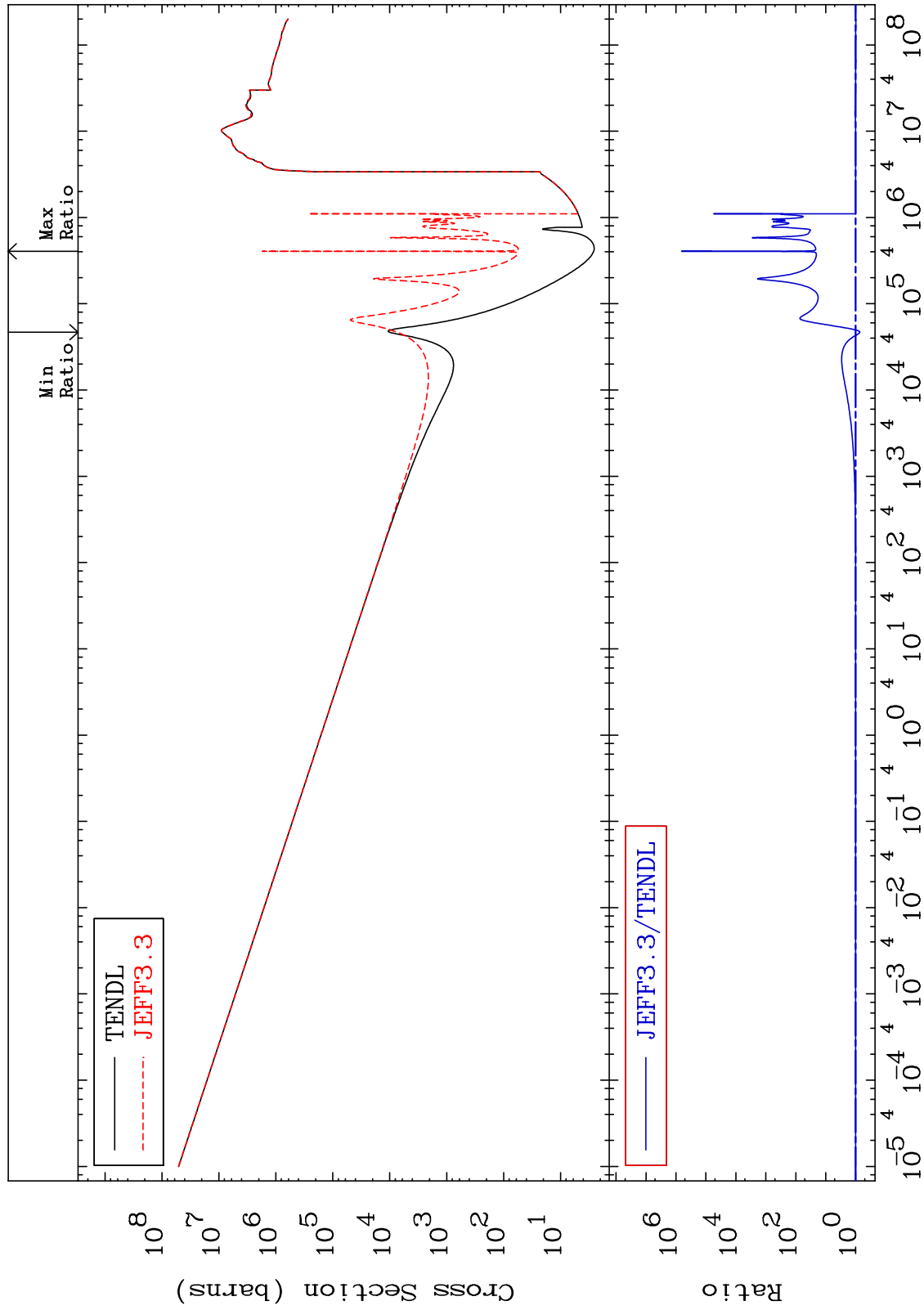
Incident Energy (eV)

16-S -36

MAT 1637

Total photon (eV-barns)
Cross Section

16-S -36
-26.99 To 9999. %



73

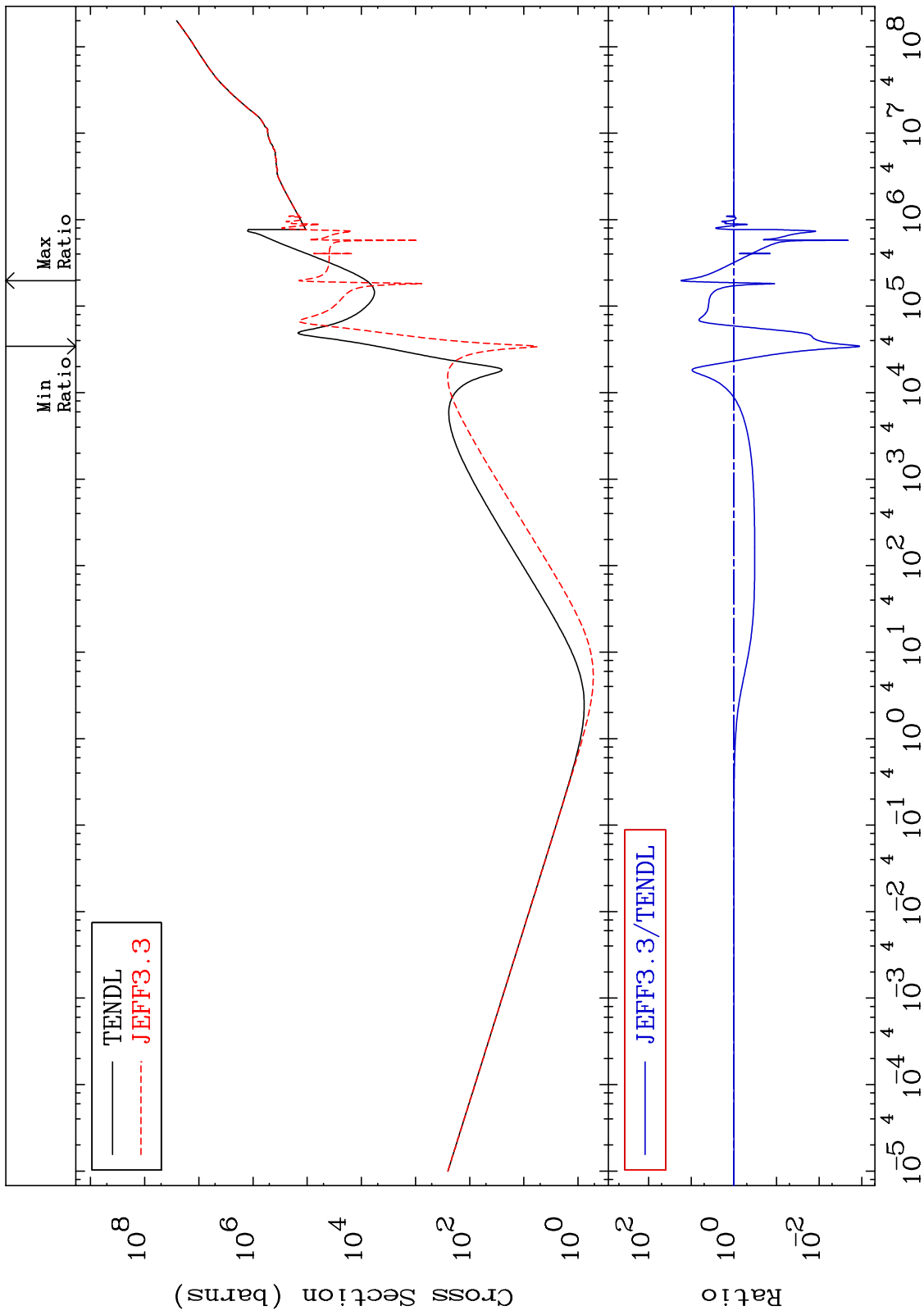
Incident Energy (eV)

16-S -36

MAT 1637

Total kinematic kerma (high limit)
Cross Section

16-S -36
-99.89 To 1656. %



74

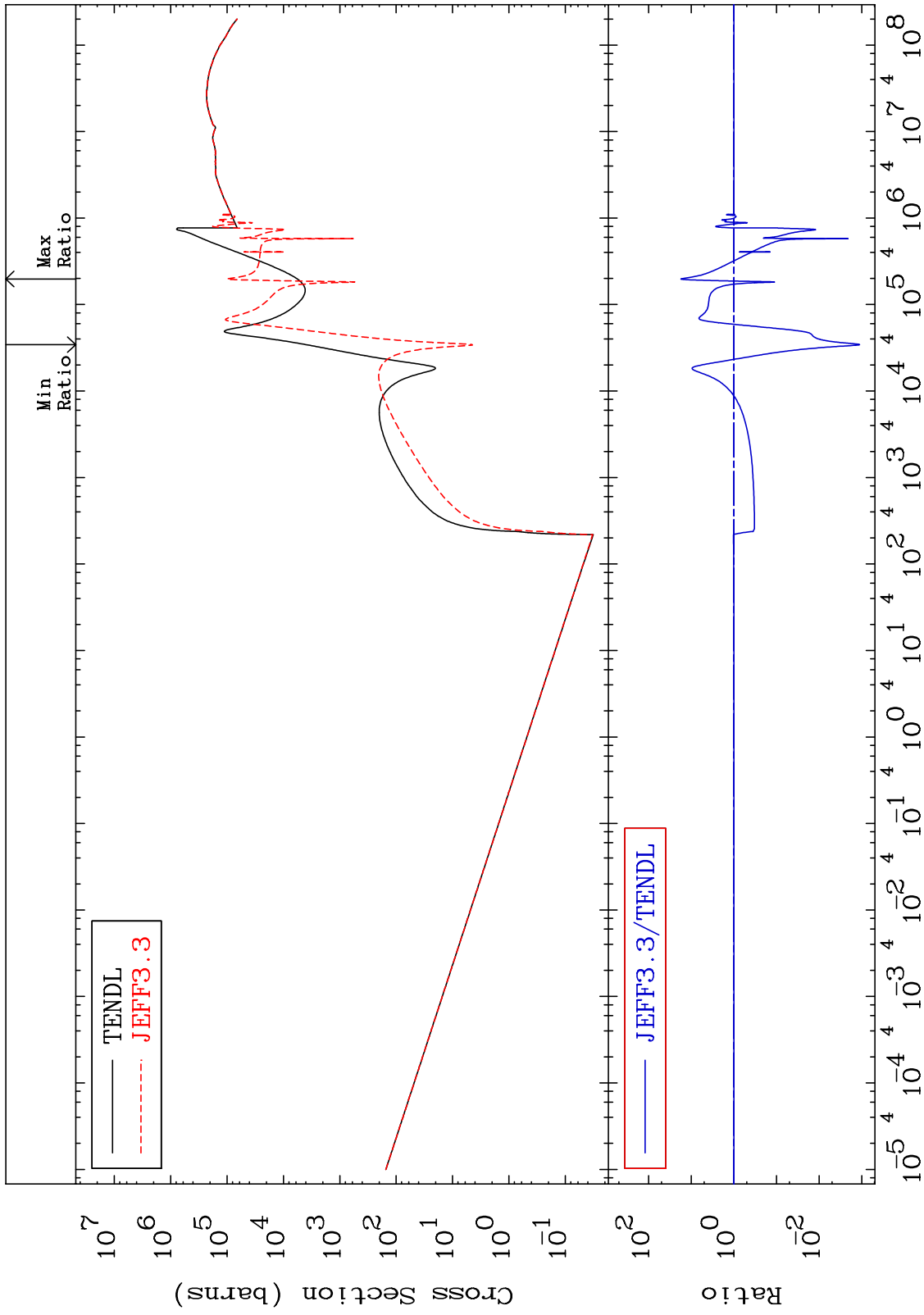
Incident Energy (eV)

16-S -36

MAT 1637

Dpa total (eV-barns)
Cross Section

16-S -36
-99.89 To 1656. %



75

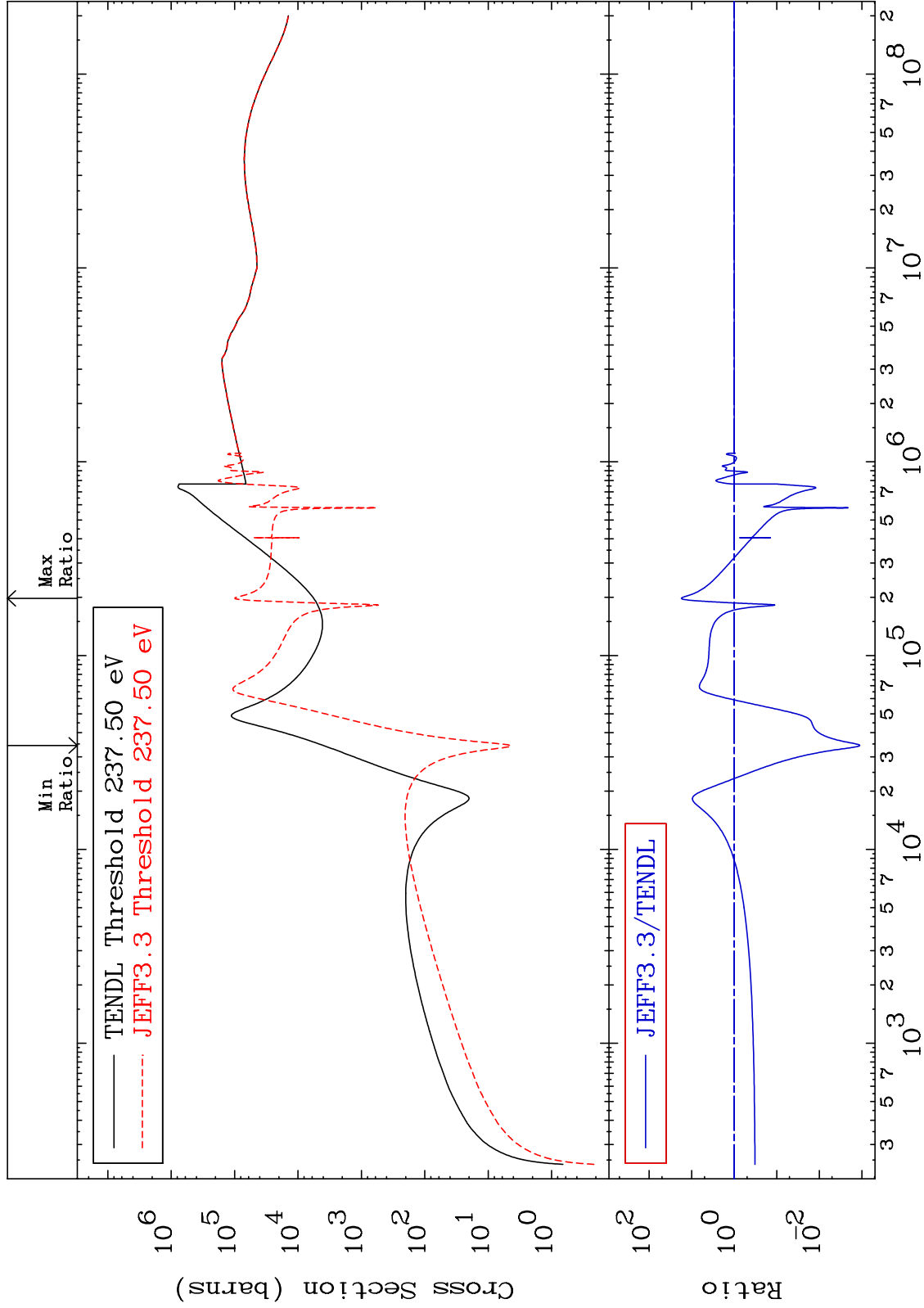
Incident Energy (eV)

16-S -36

MAT 1637

Dpa elastic (mt2)
Cross Section

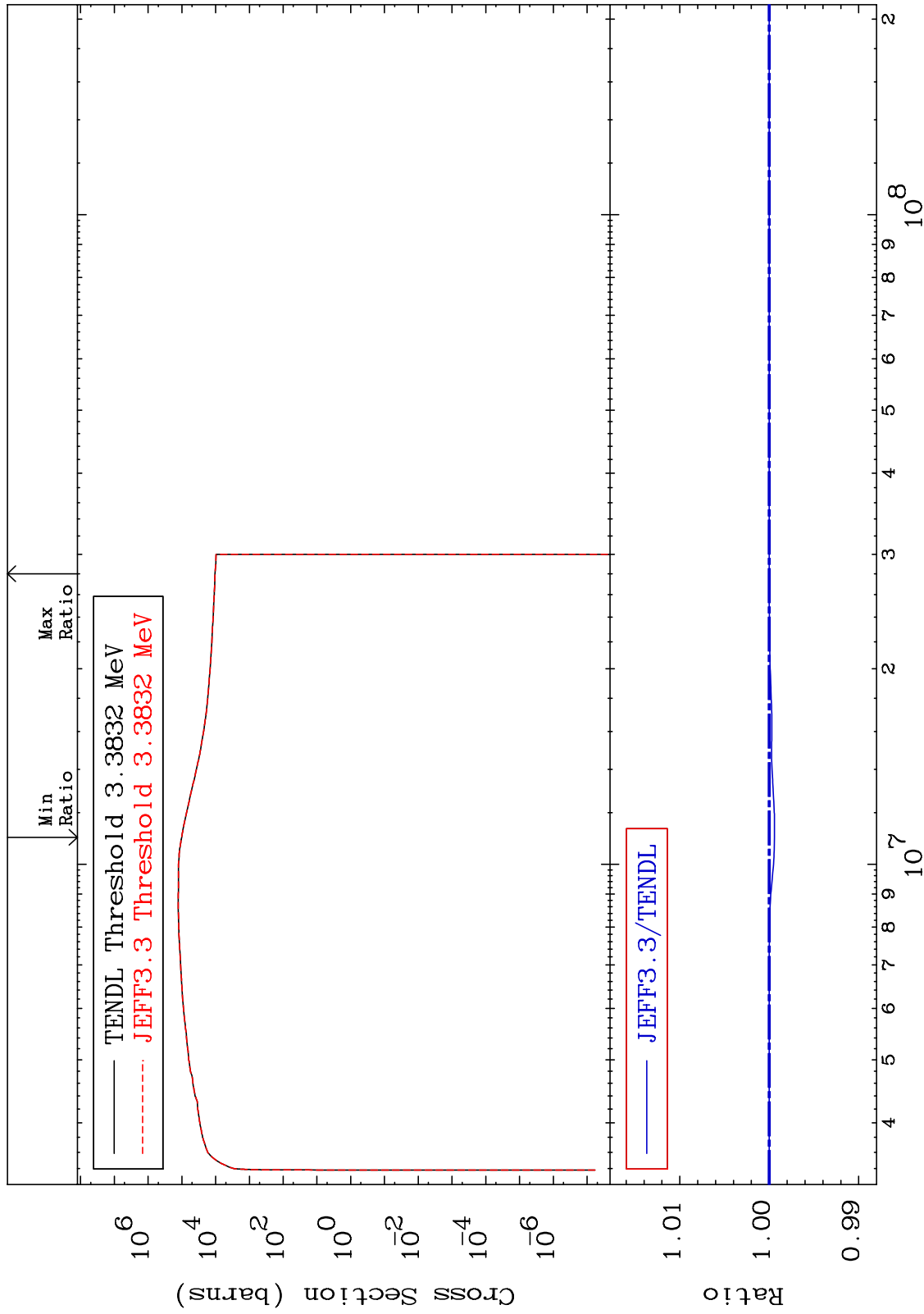
16-S -36
-99.89 To 1656. %



MAT 1637

Dpa inelastic (mt51-91)
Cross Section

16-S -36
-0.059 To 0.000 %



77

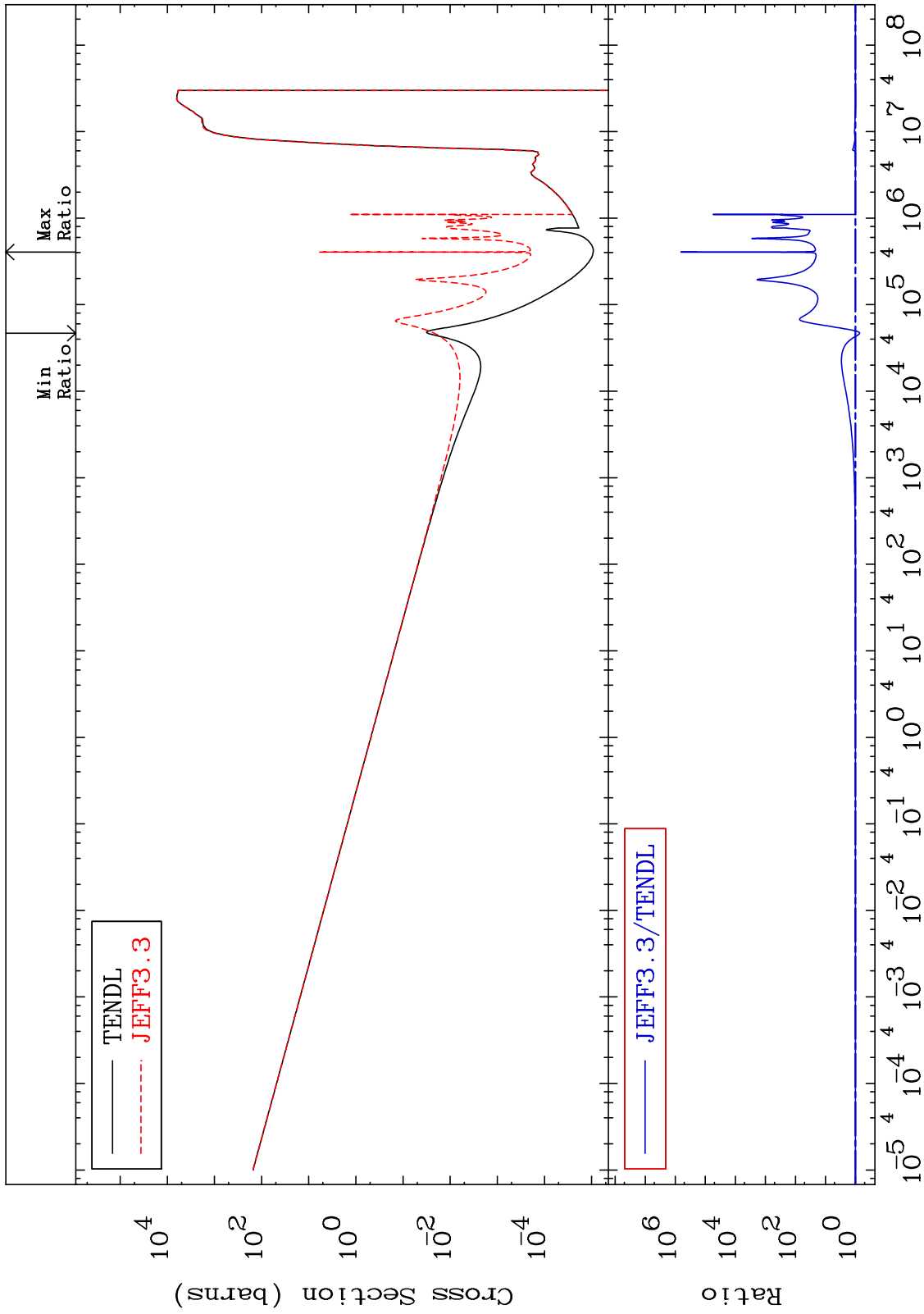
Incident Energy (eV)

16-S -36

MAT 1637

Dpa disappearance (mt102 -120)
Cross Section

16-S -36
-26.99 To 9999. %



78

Incident Energy (eV)

16-S -36