

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

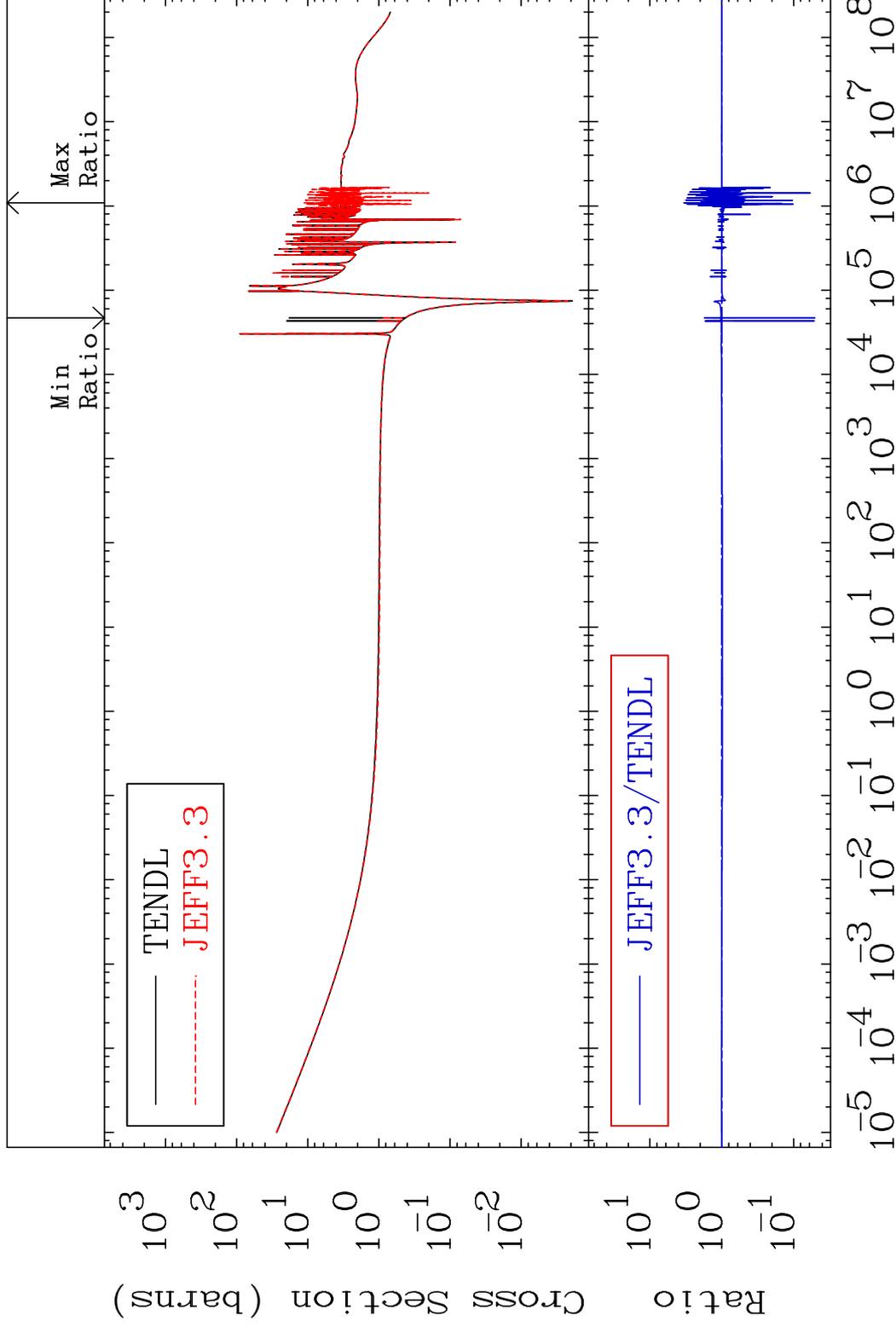
MAT 1625

Total

16-S -32

Cross Section

-94.92 To 234.0 %



1

Incident Energy (eV)

16-S -32

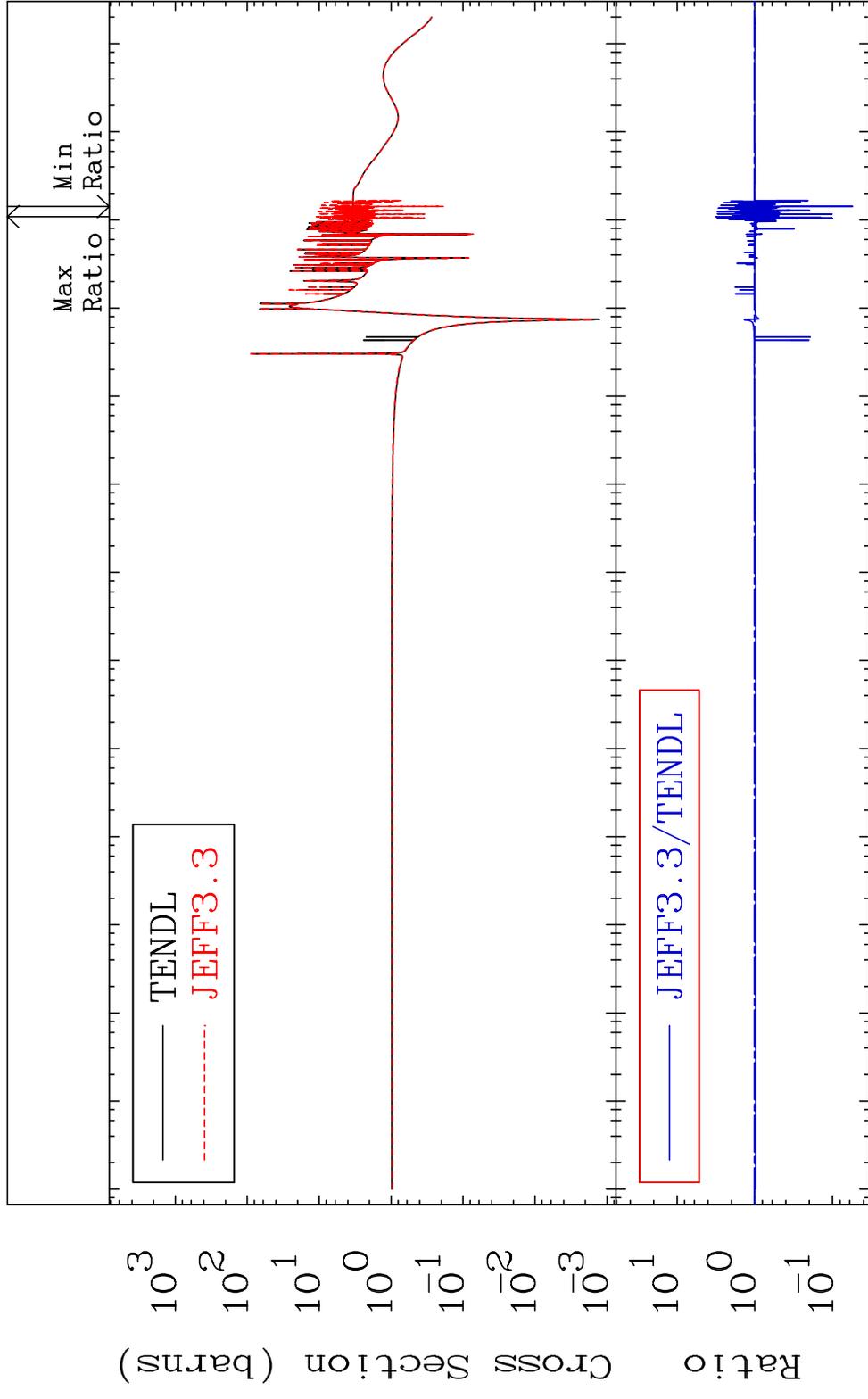
MAT 1625

Elastic

16-S -32

Cross Section

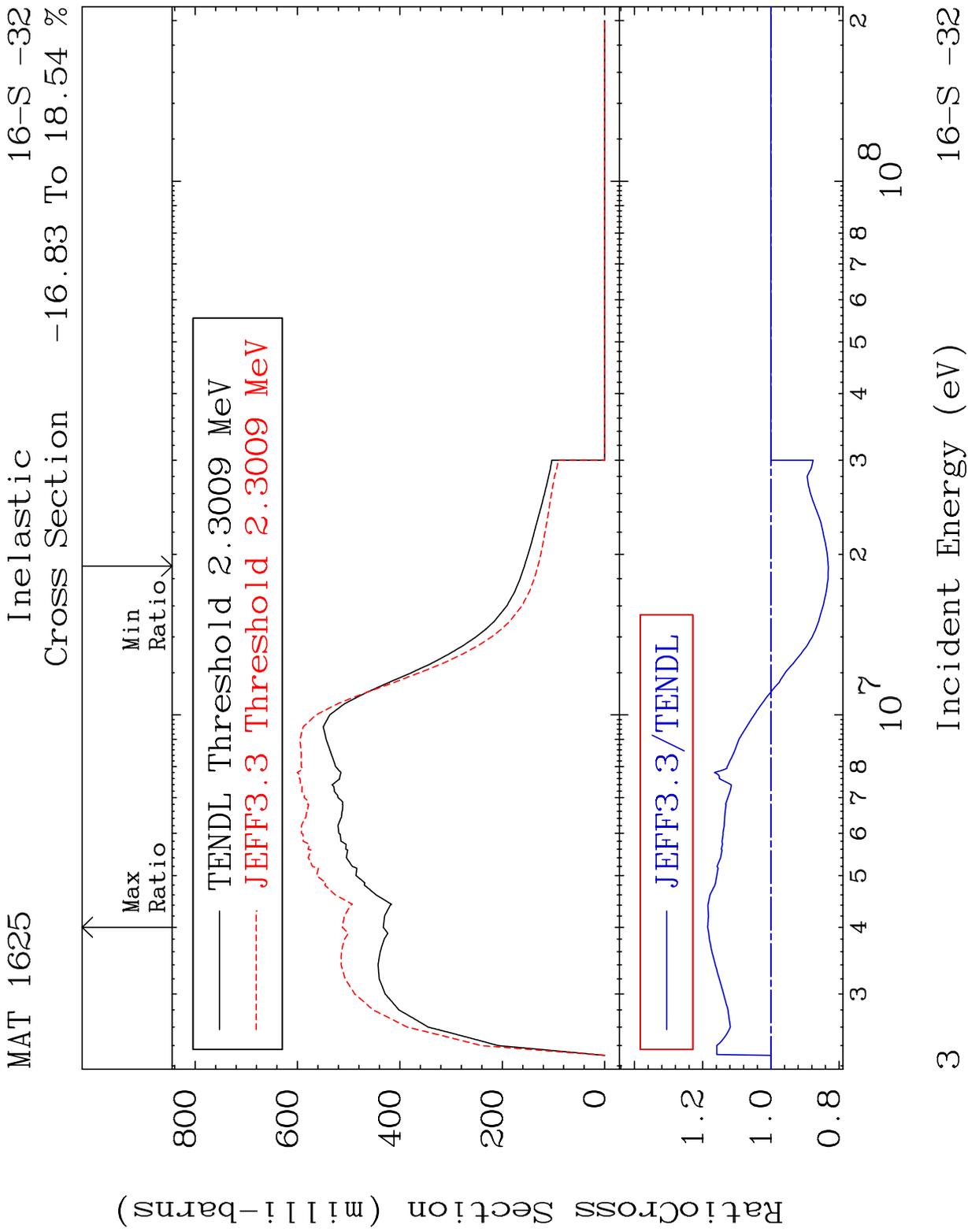
-94.46 To 216.6 %



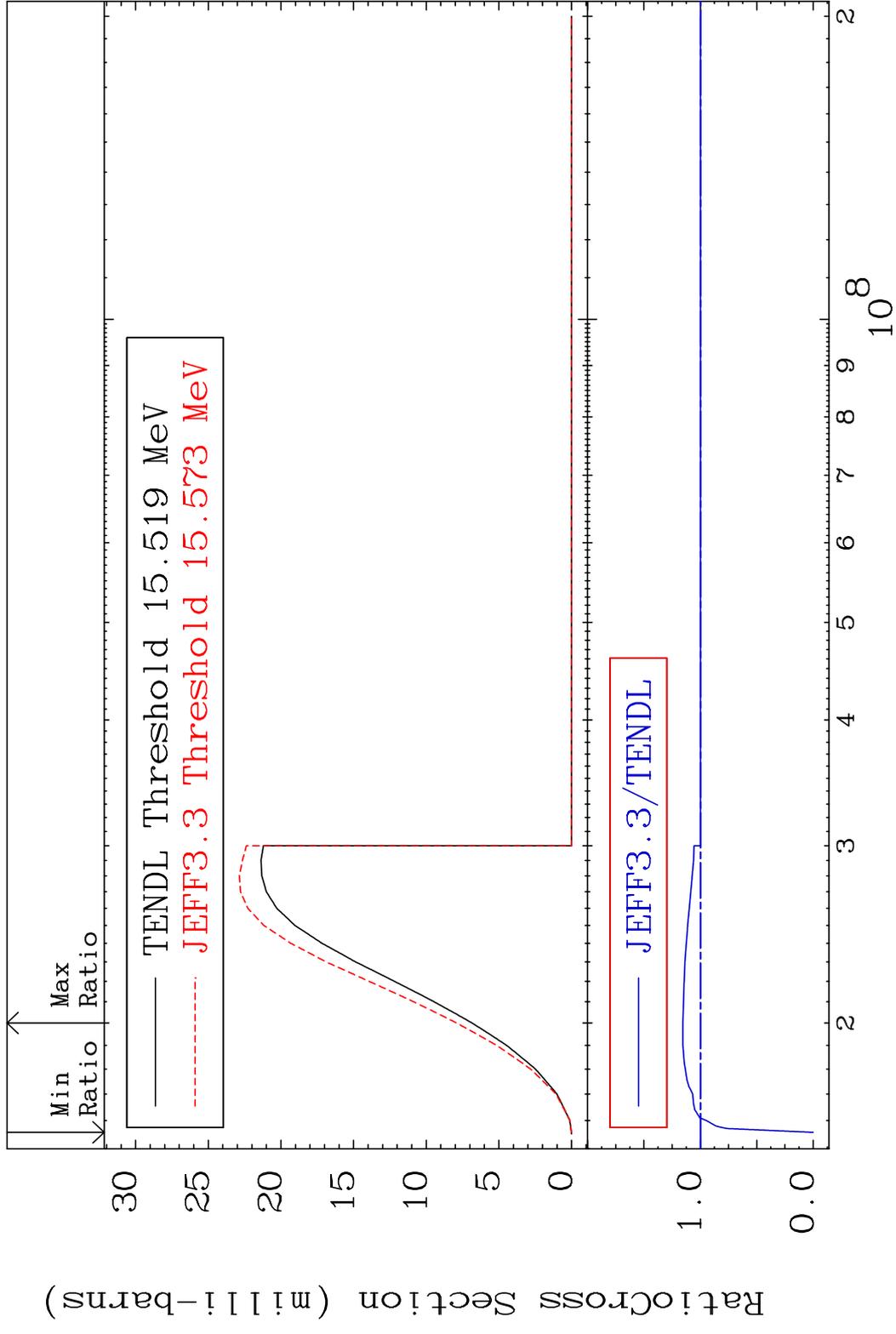
2

Incident Energy (eV)

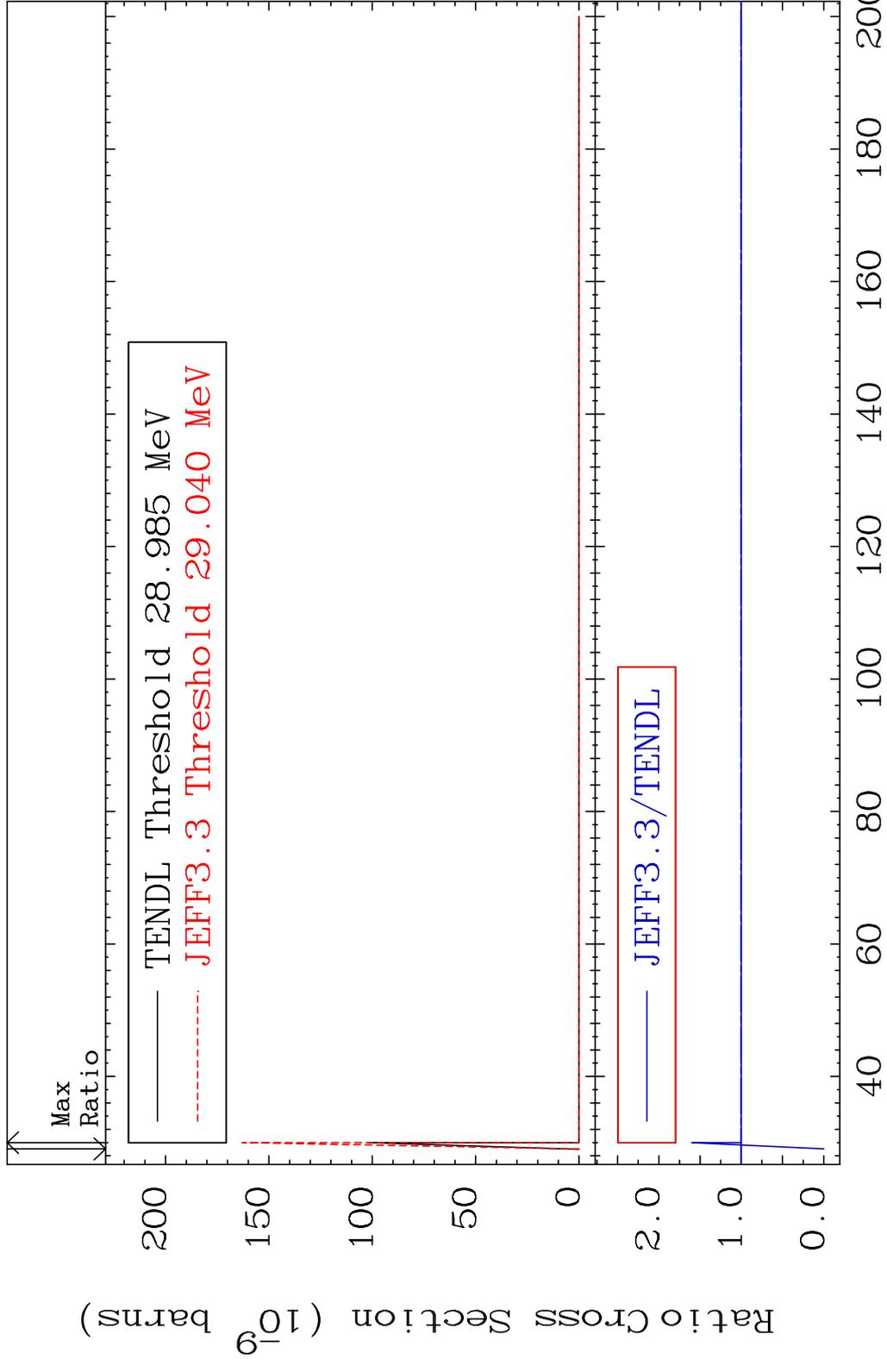
16-S -32



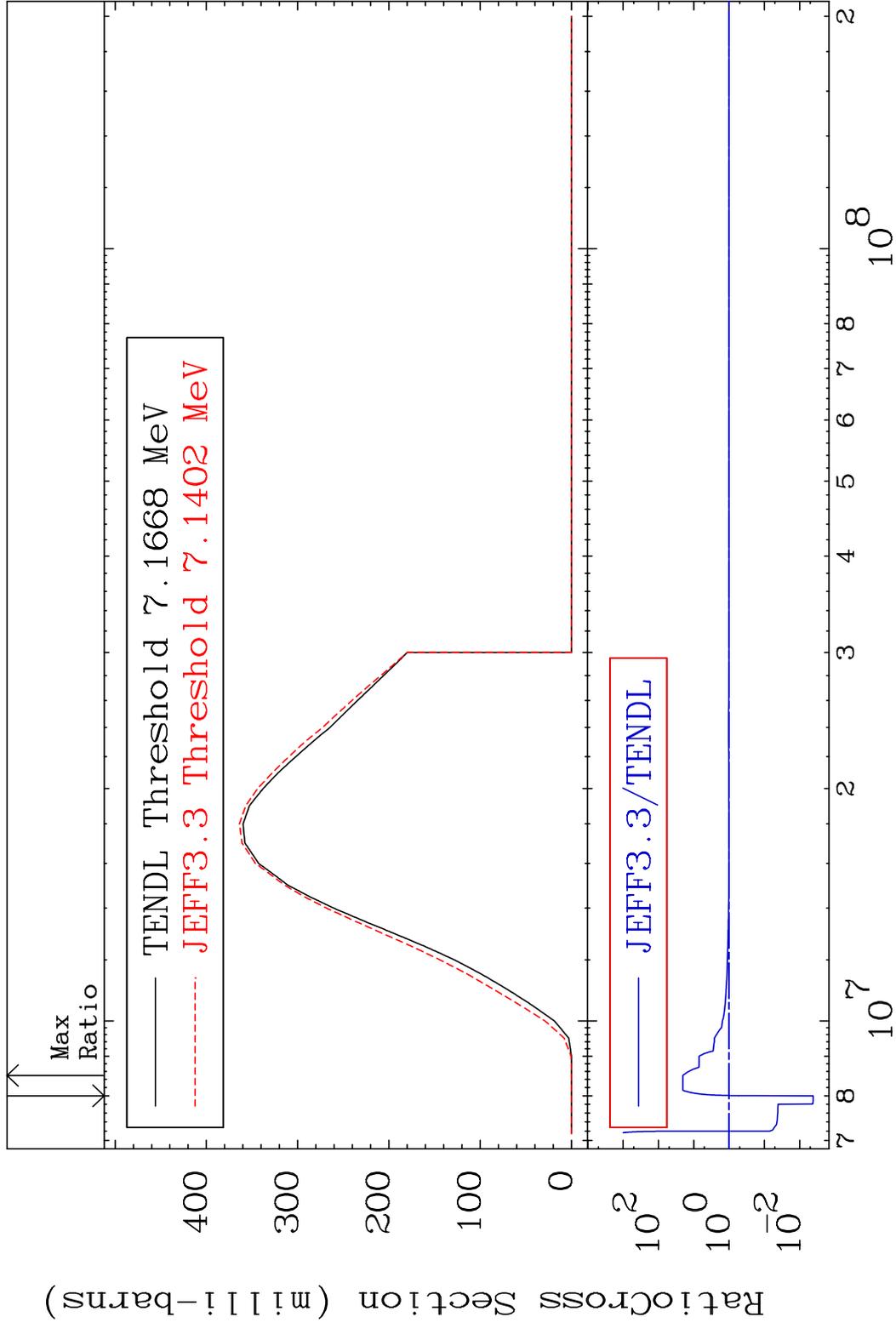
MAT 1625 (n,2n) 16-S -32  
 Cross Section -100.0 To 15.53 %



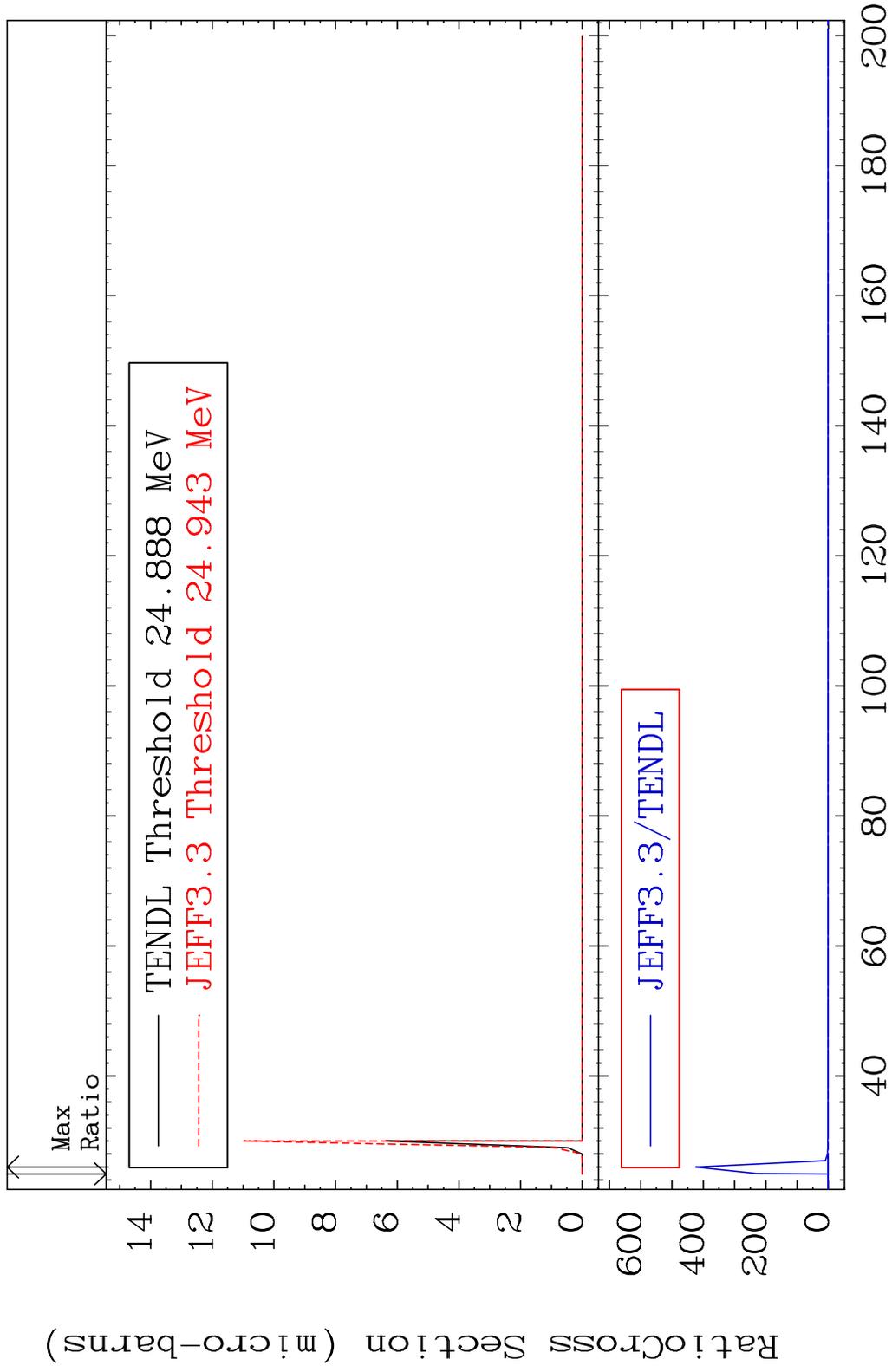
MAT 1625 (n,3n) 16-S -32  
 Cross Section -100.0 To 60.10 %



MAT 1625 (n, n')  $\alpha$  16-S -32  
 Cross Section -99.59 To 1939. %



MAT 1625 (n,2n)  $\alpha$  16-S -32  
 Cross Section -100.0 To 9999. %

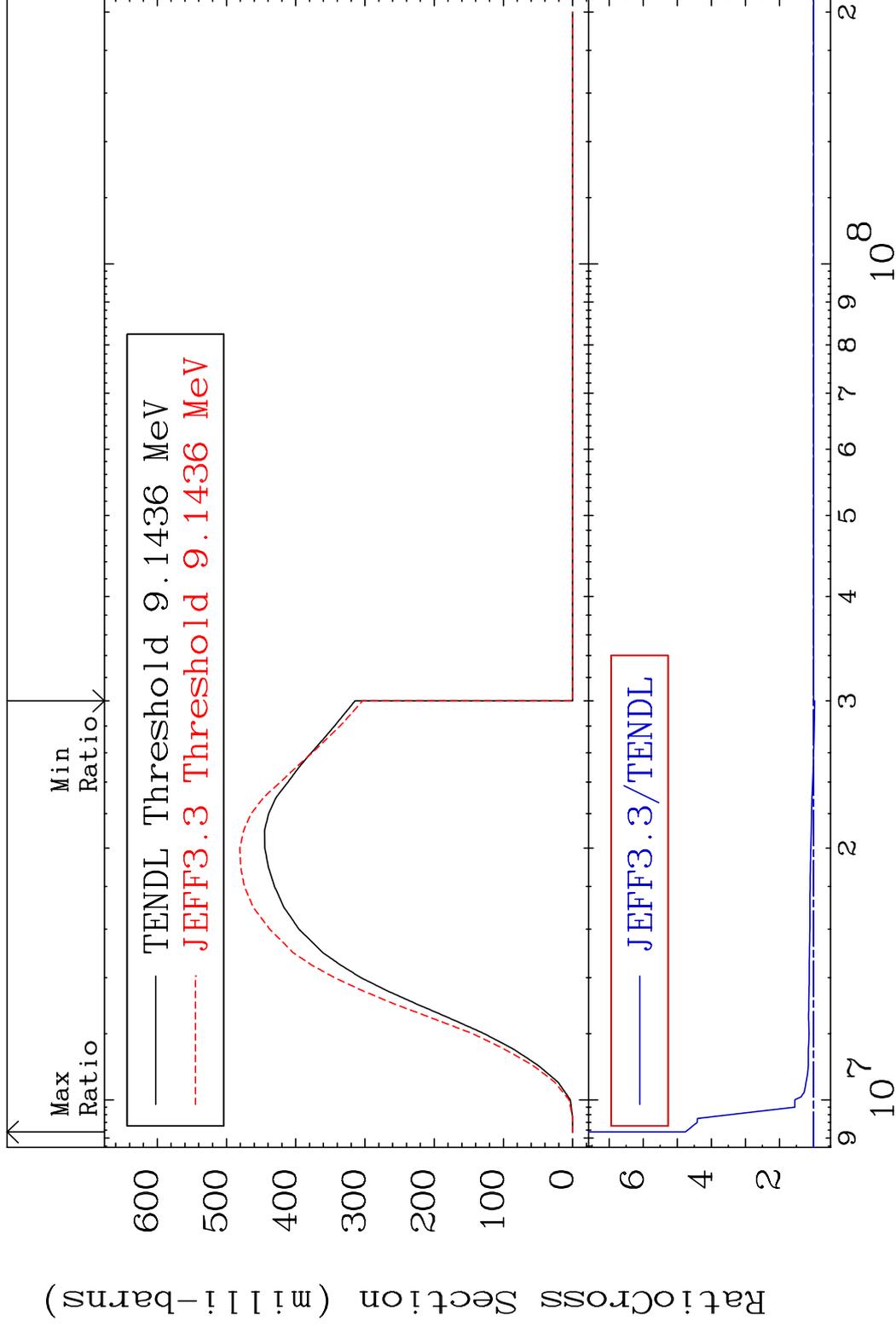


MAT 1625

(n, n') p

16-S -32

Cross Section -3.451 To 379.7 %

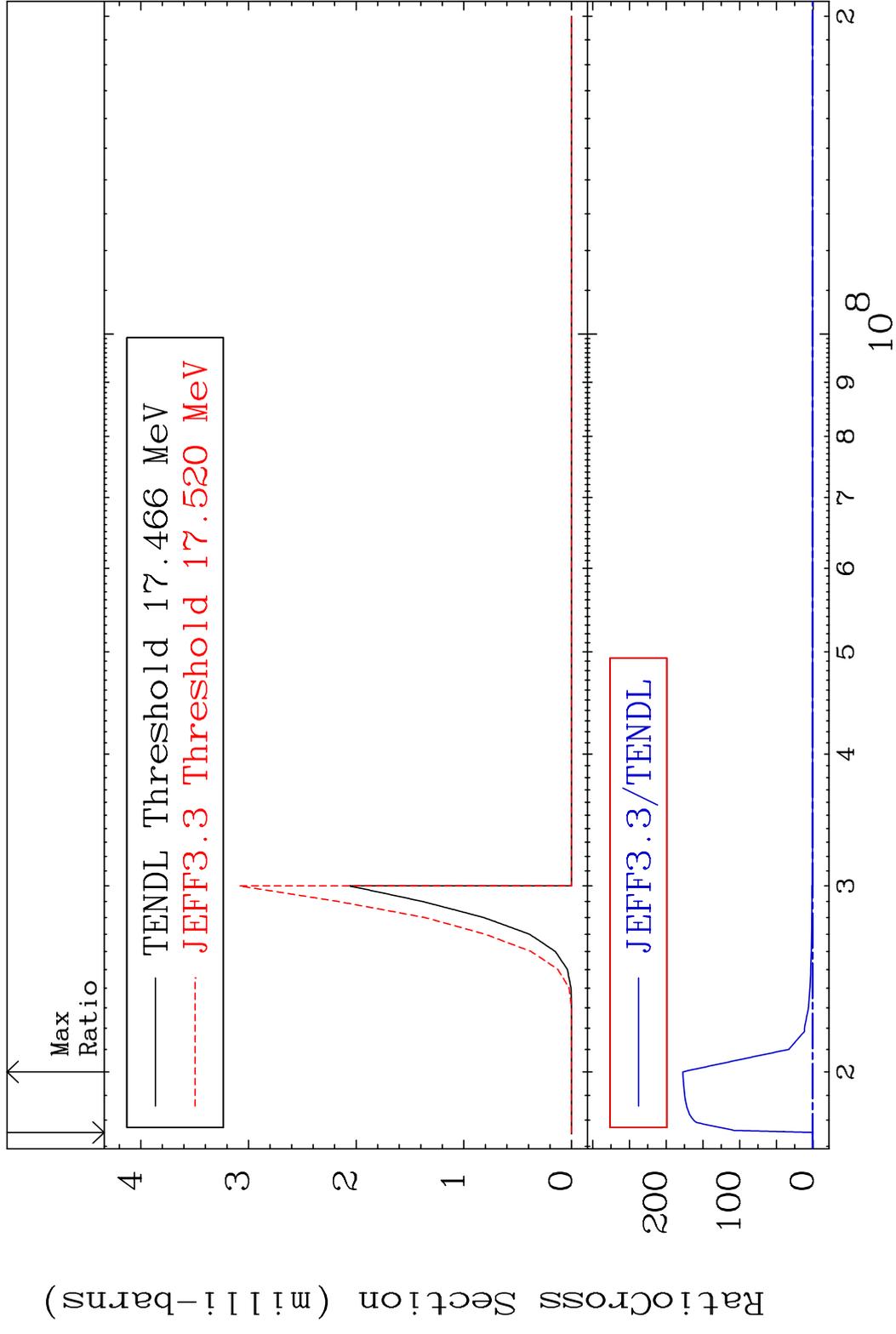


8

Incident Energy (eV)

16-S -32

MAT 1625 (n, n') 2α 16-S -32  
 Cross Section -100.0 To 9999. %

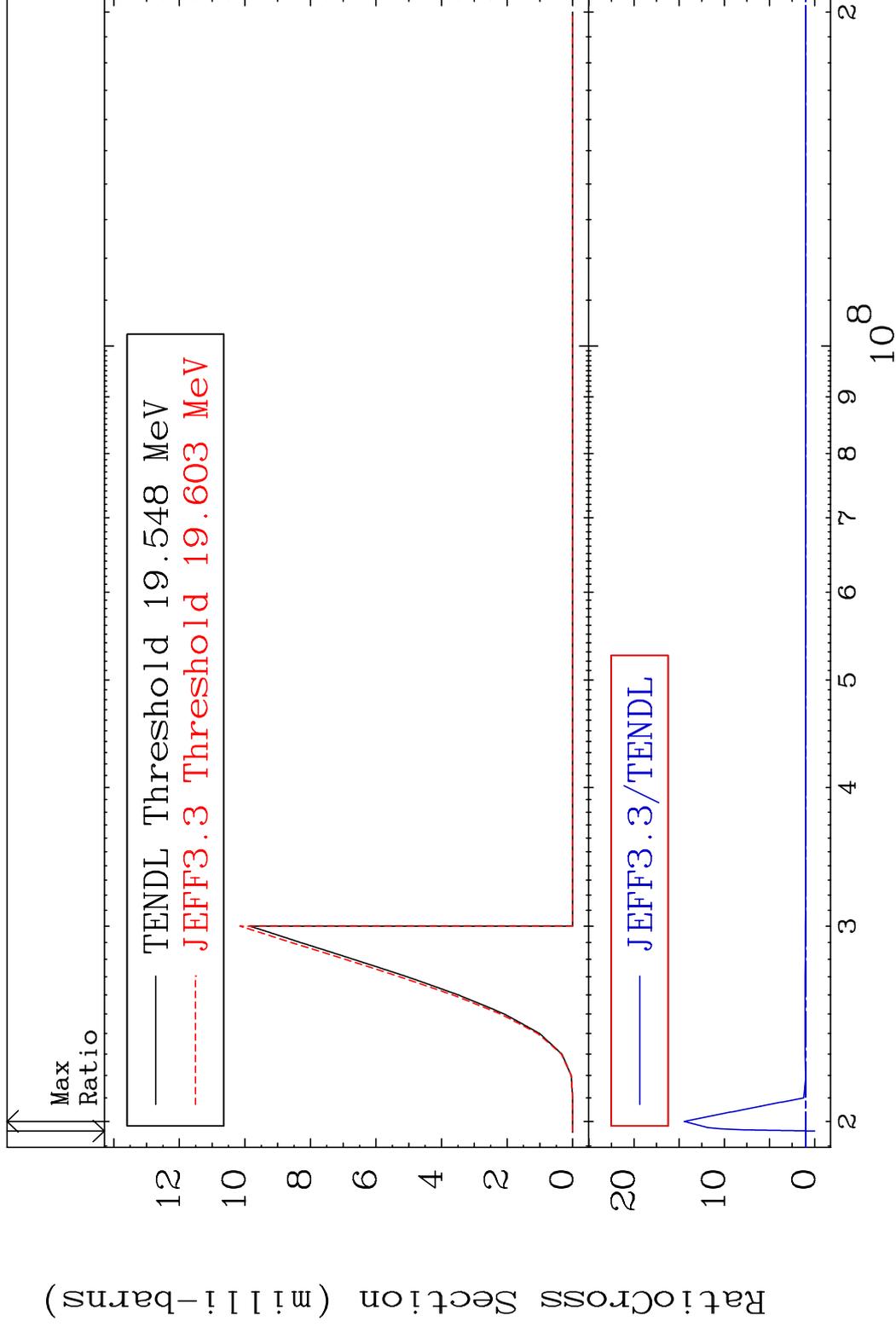


MAT 1625

(n, n') d

16-S -32

Cross Section -100.0 To 1345. %

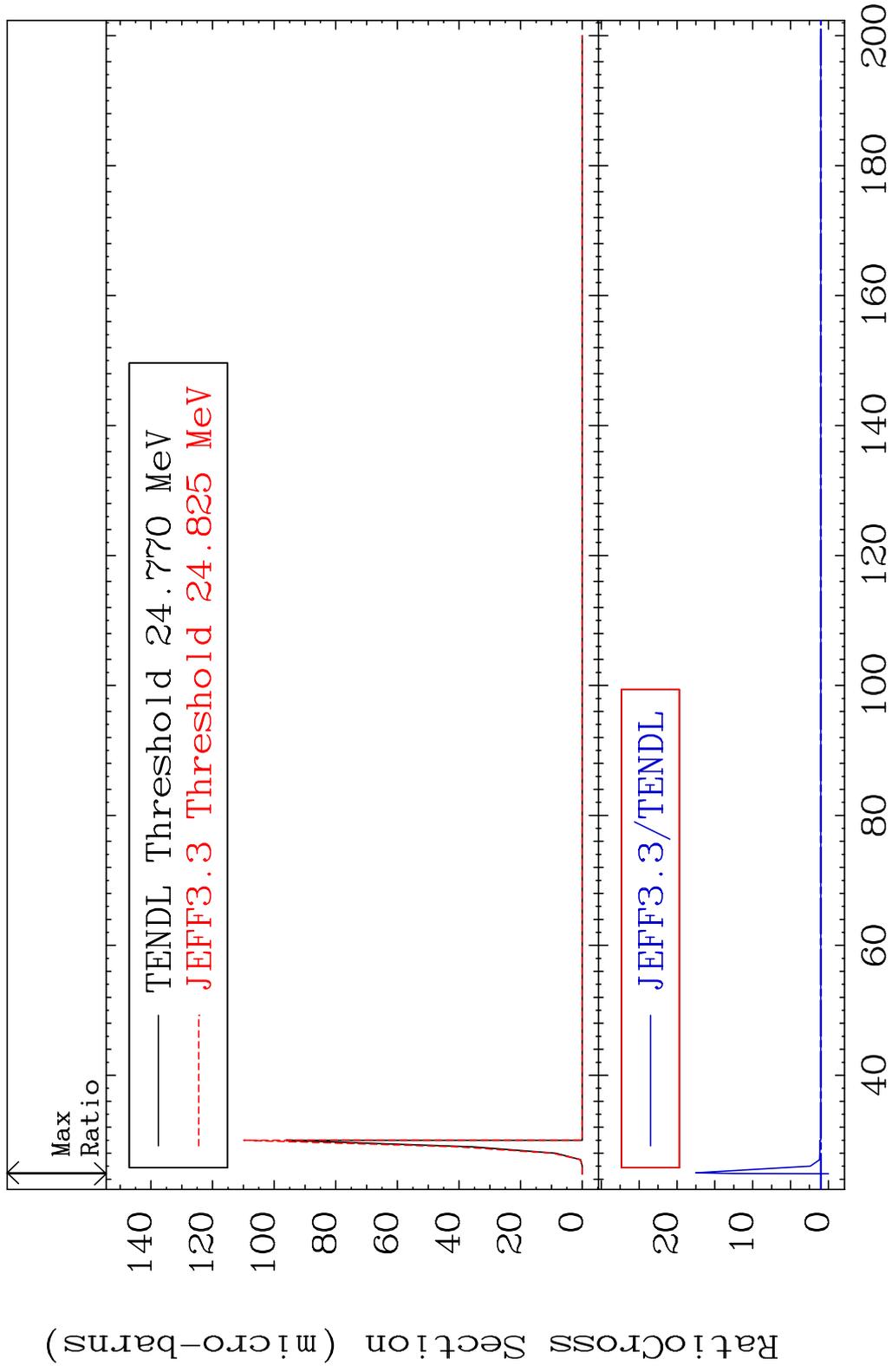


10

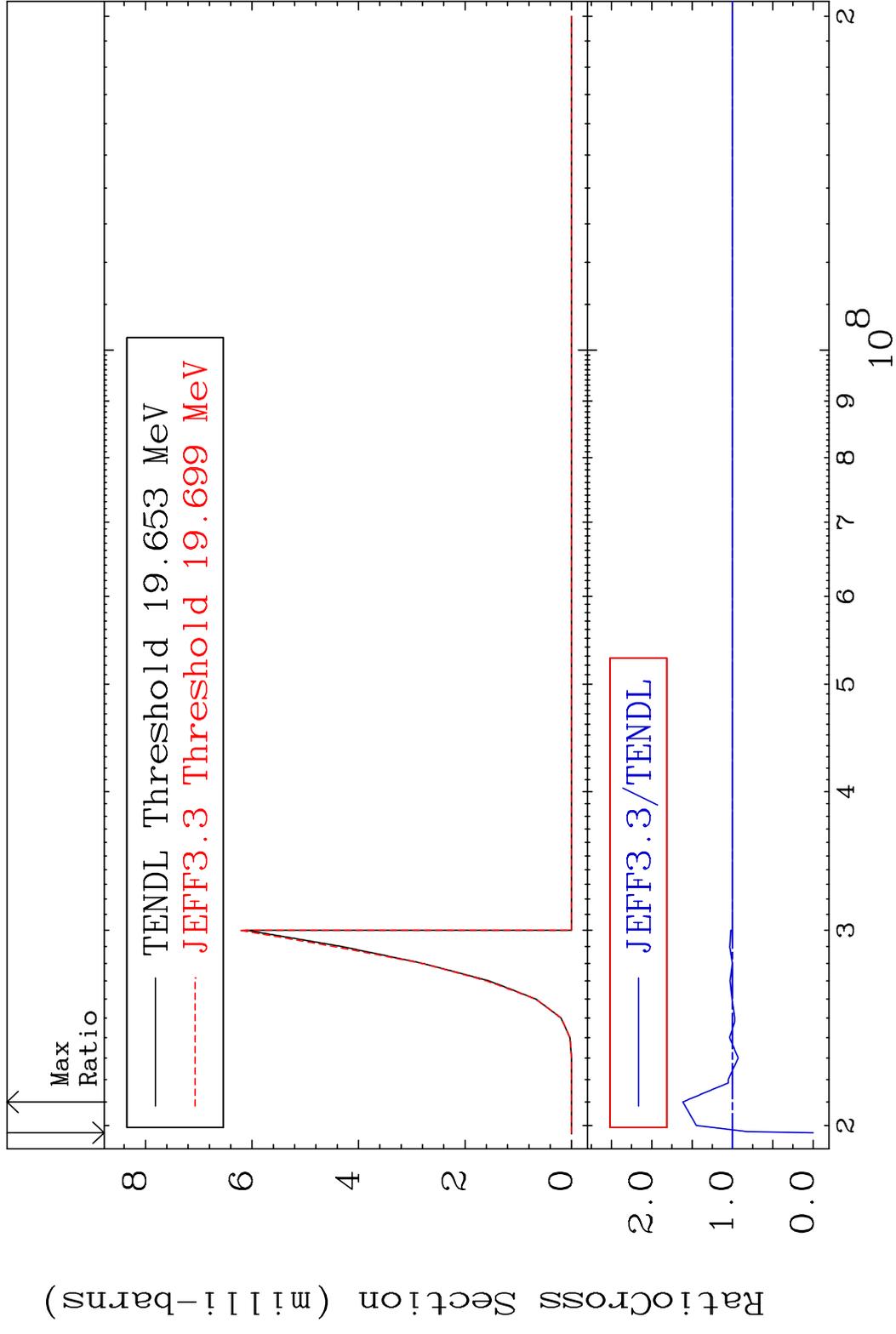
Incident Energy (eV)

16-S -32

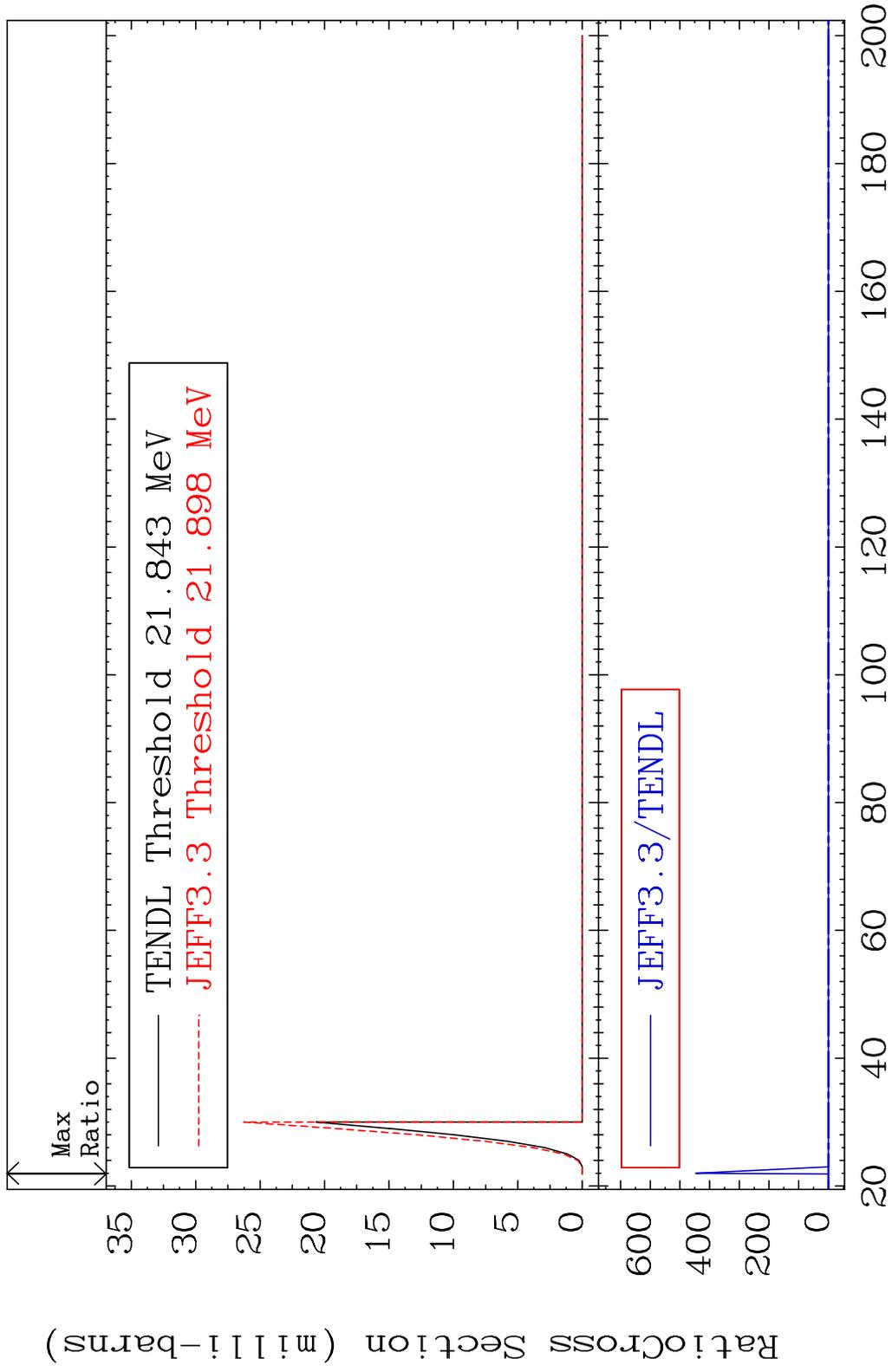
MAT 1625 (n, n') t 16-S -32  
 Cross Section -100.0 To 1654. %



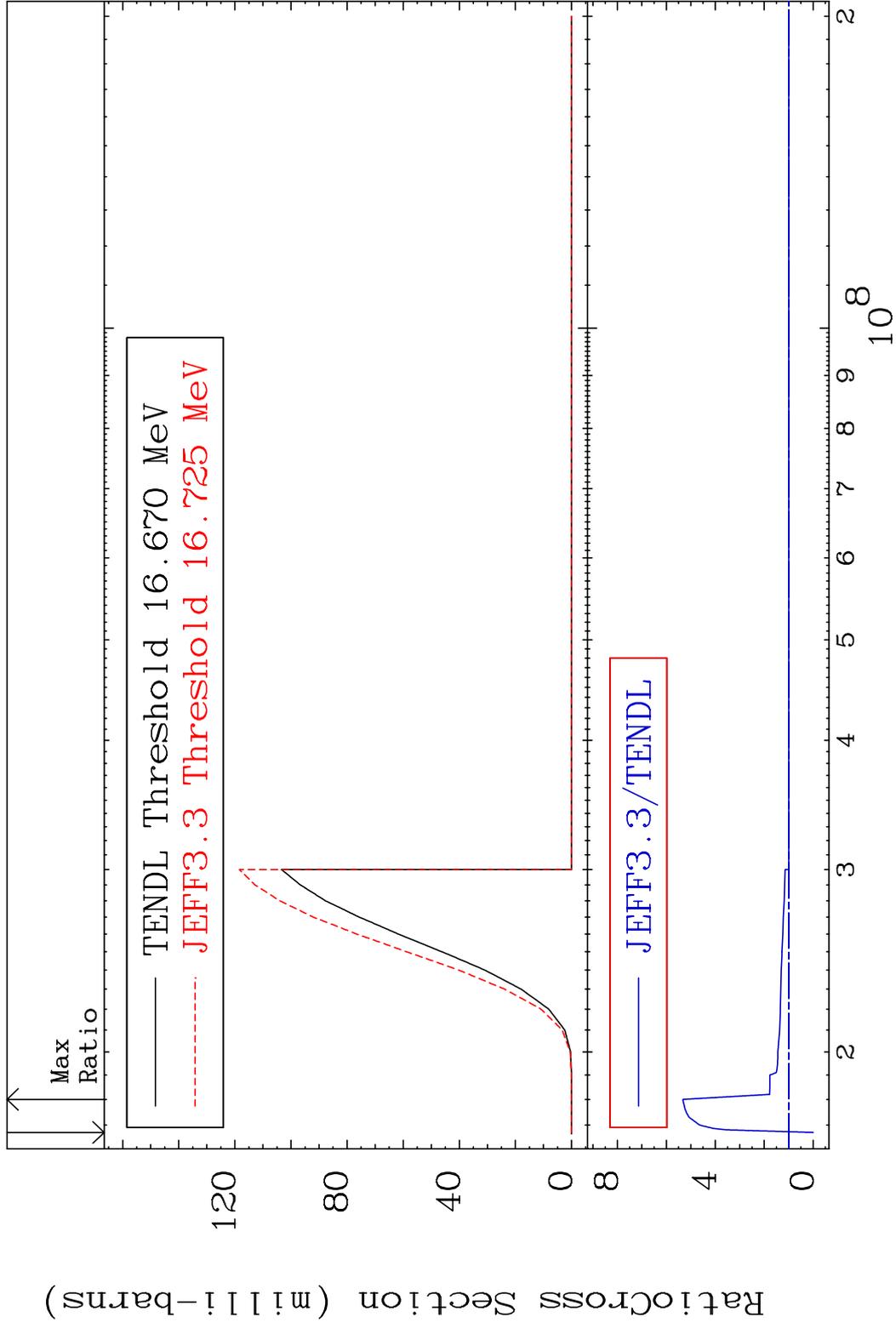
MAT 1625 (n,n') He-3 16-S -32  
 Cross Section -100.0 To 61.50 %



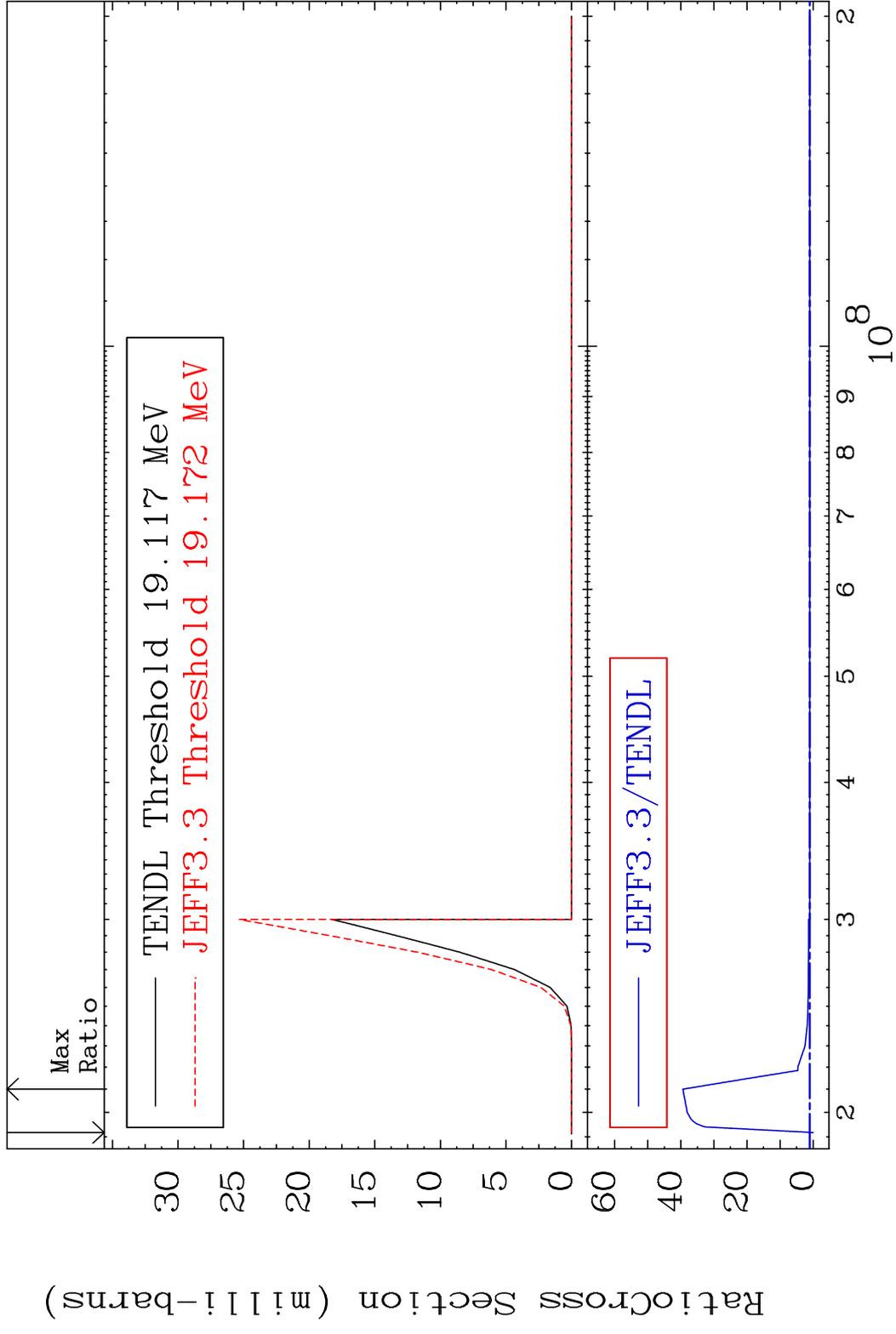
MAT 1625 (n,2n) p 16-S -32  
 Cross Section -100.0 To 9999. %



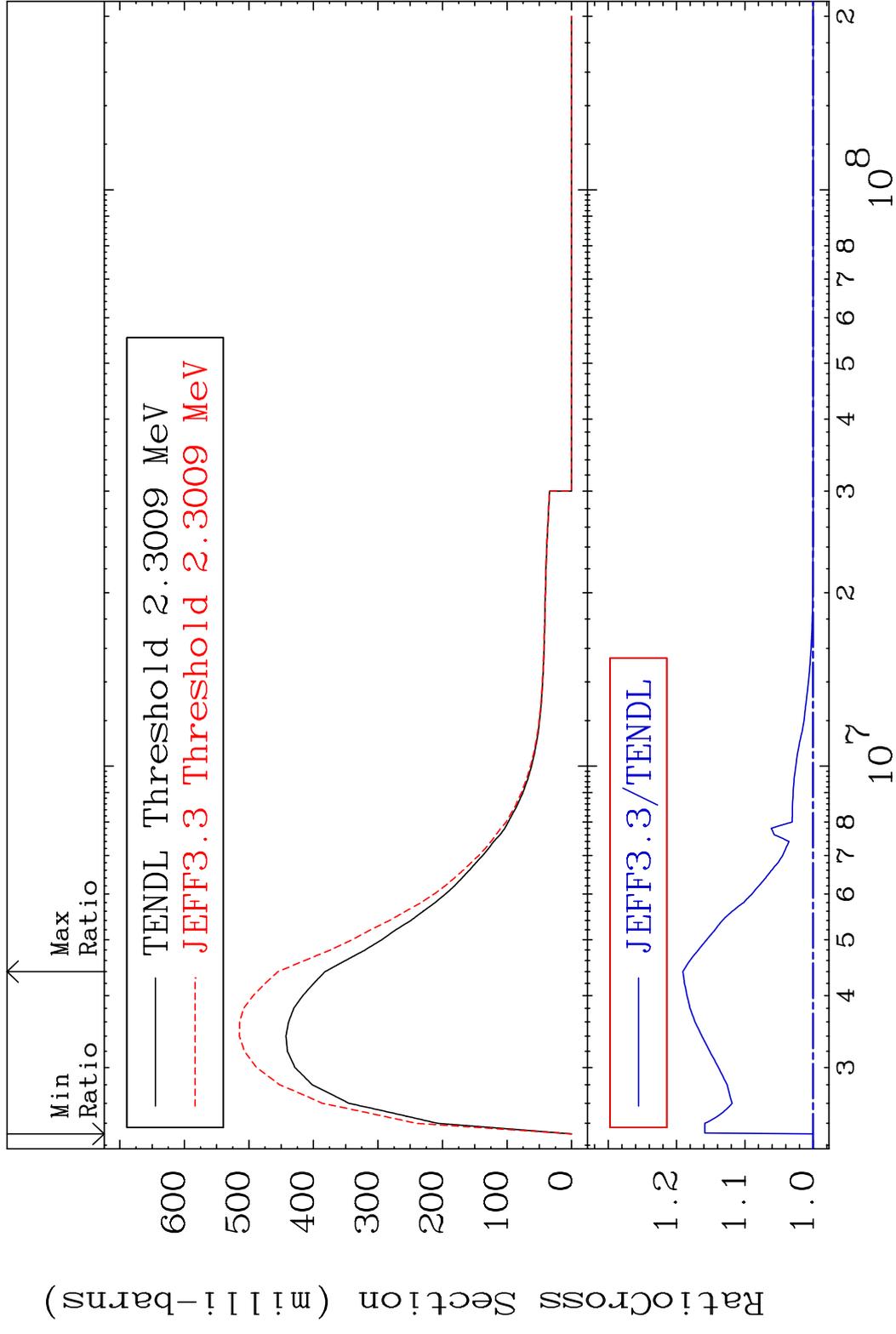
MAT 1625 (n,2n) p 16-S -32  
 Cross Section -100.0 To 432.6 %



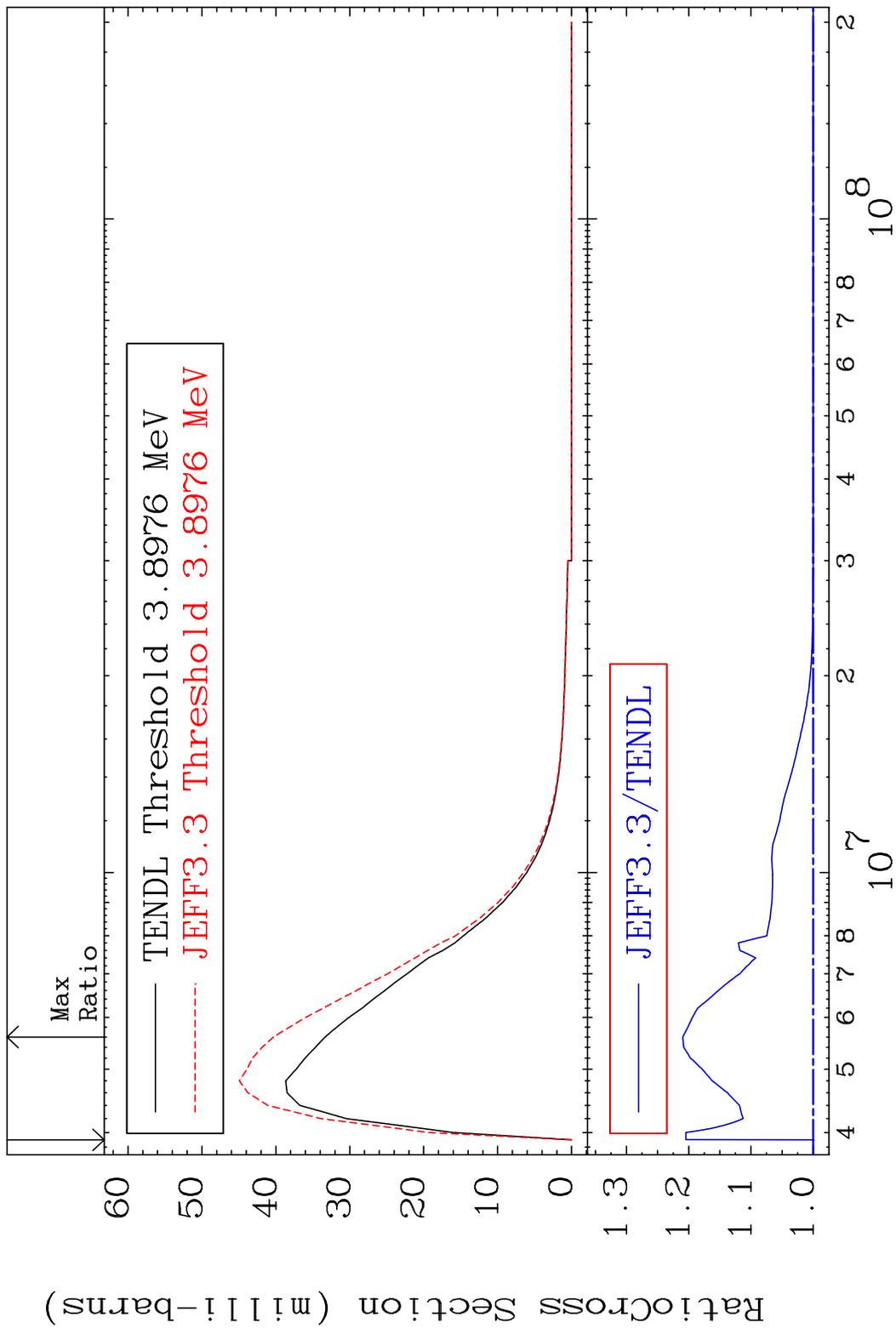
MAT 1625 (n,n') p α 16-S -32  
 Cross Section -100.0 To 3840. %



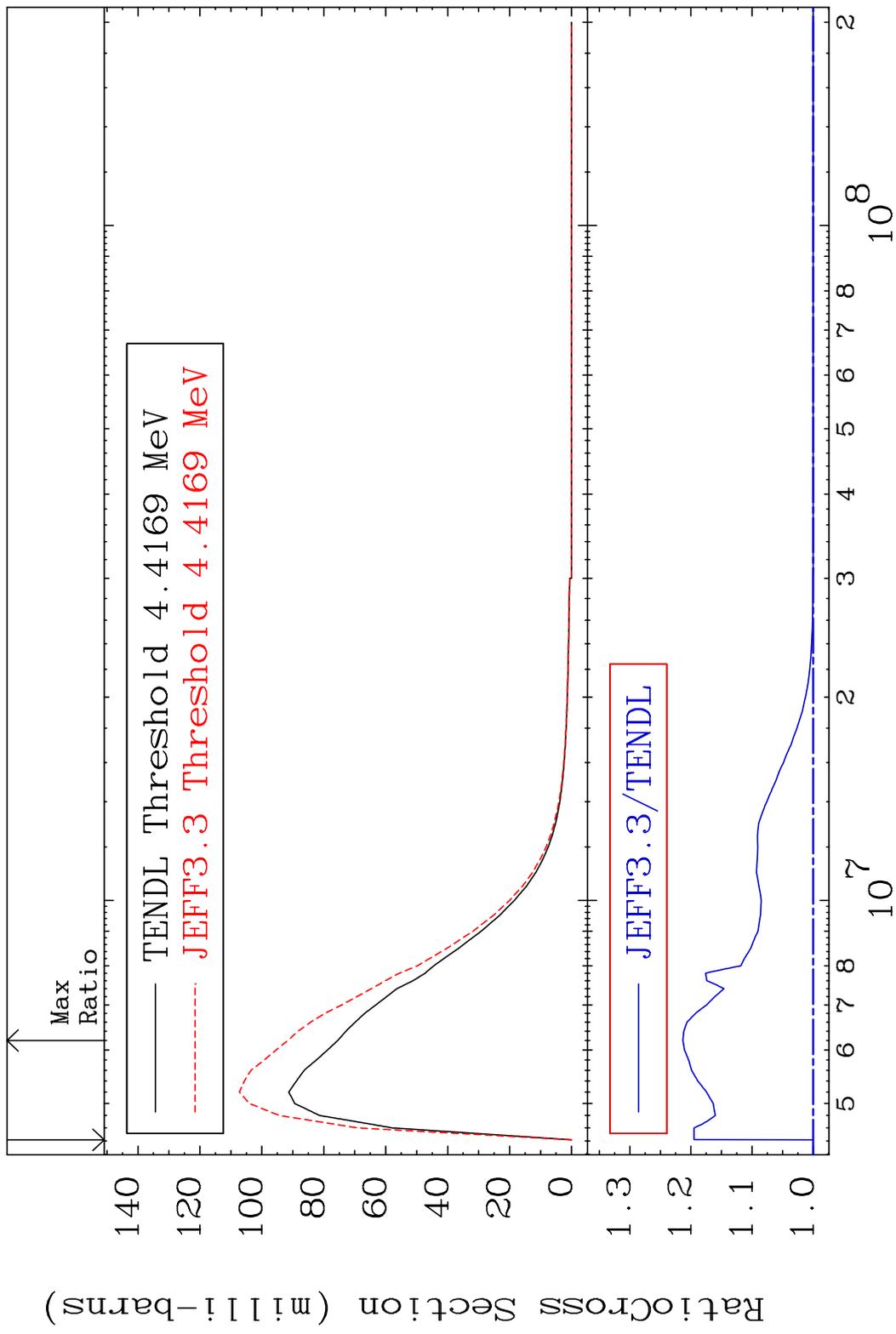
MAT 1625 MT= 51 (n, n') Level 16-S -32  
 Cross Section 0.000 To 19.08 %



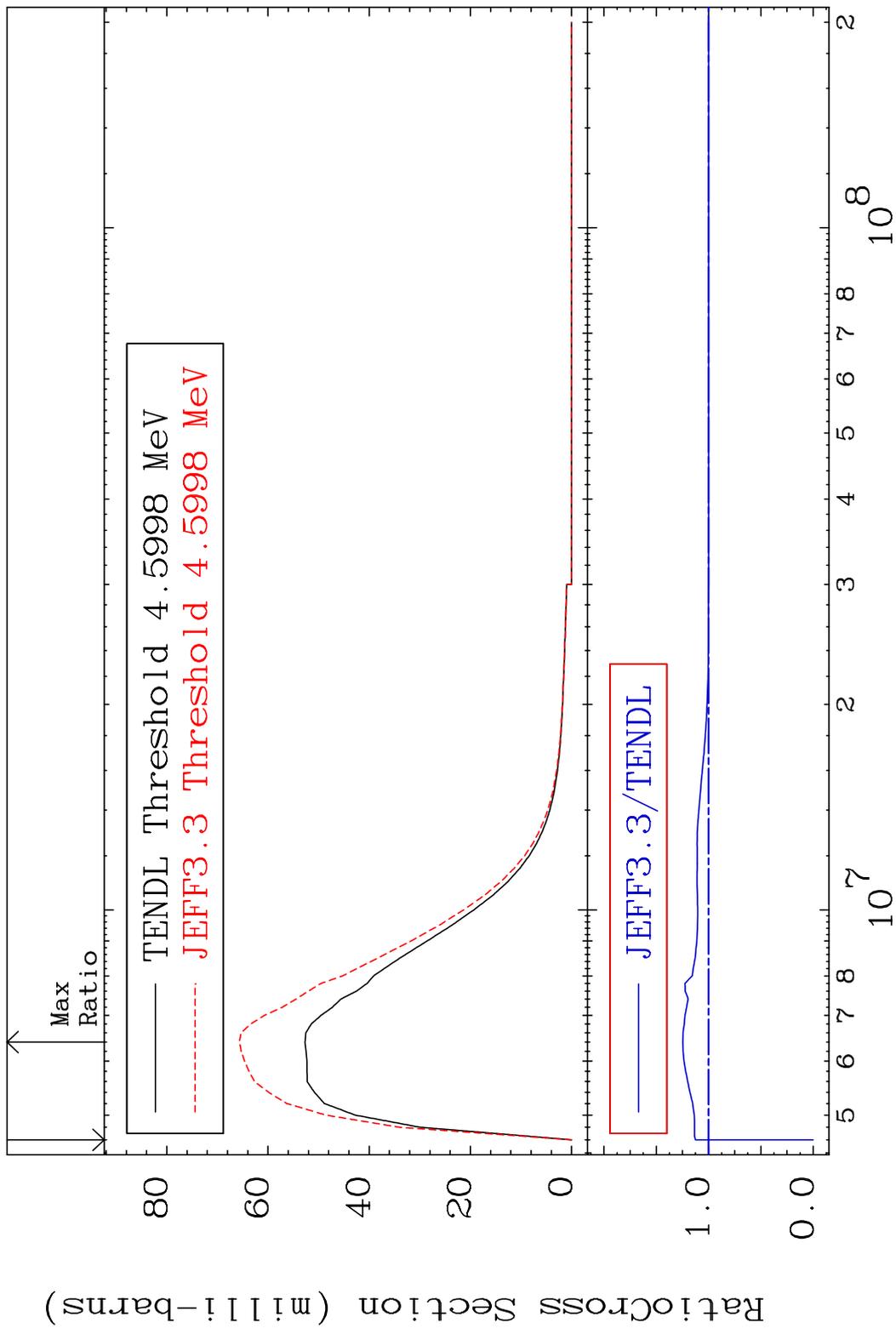
MAT 1625 MT= 52 (n,n') Level 16-S -32  
 Cross Section 0.000 To 20.95 %



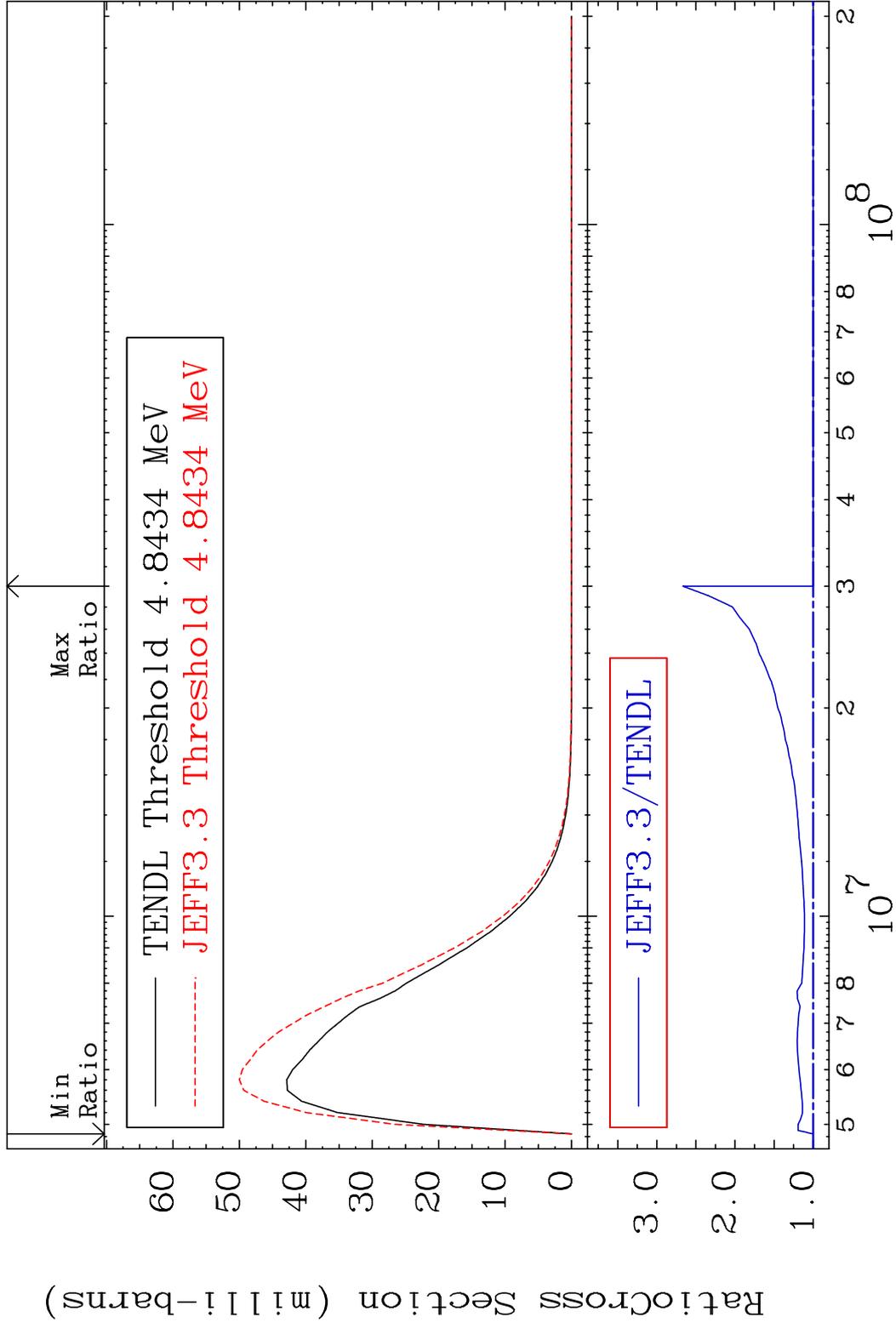
MAT 1625 MT= 53 (n, n') Level 16-S -32  
 Cross Section 0.000 To 21.33 %



MAT 1625 MT= 54 (n, n') Level 16-S -32  
 Cross Section -100.0 To 24.61 %

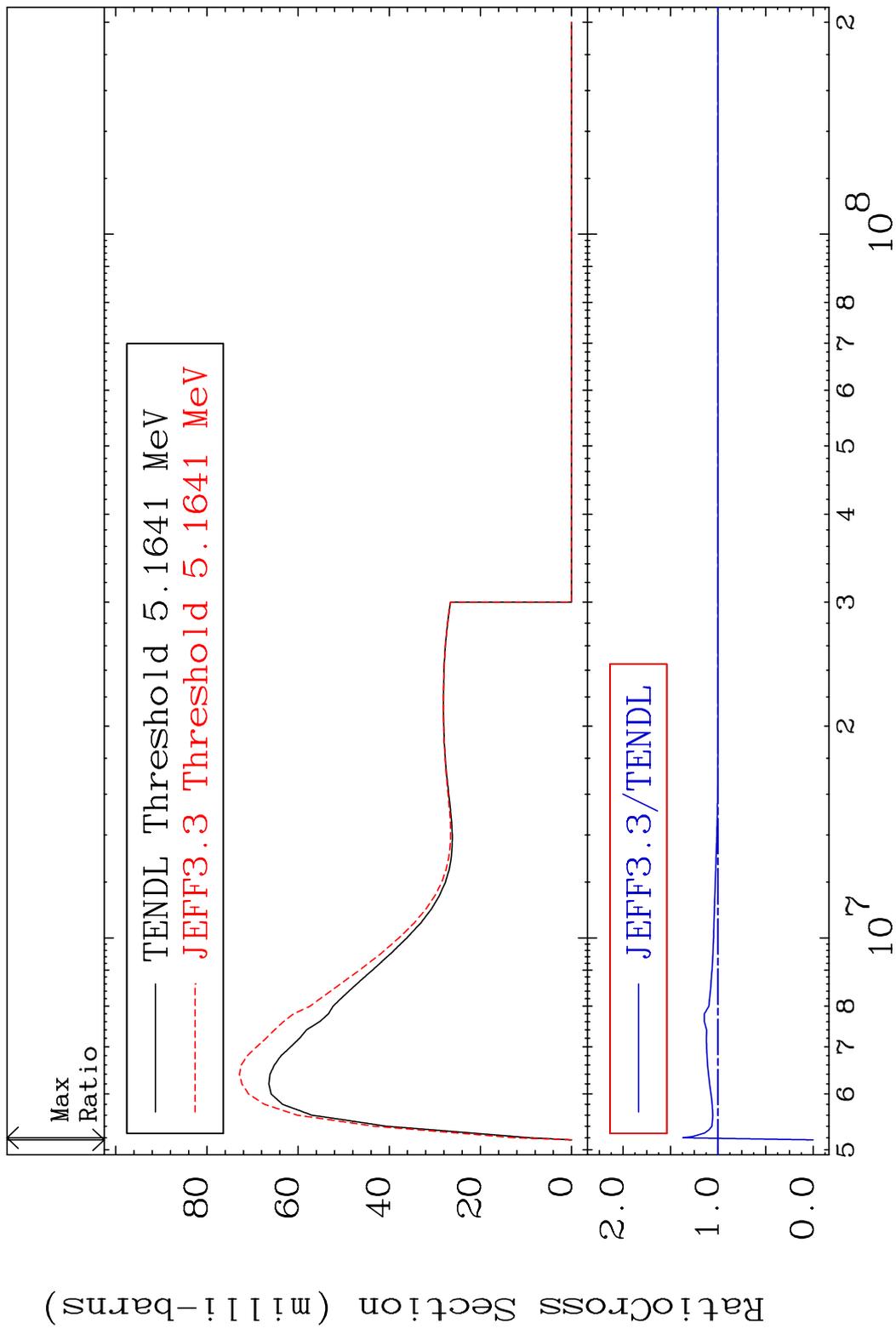


MAT 1625 MT= 55 (n, n') Level 16-S -32  
 Cross Section 0.000 To 166.8 %

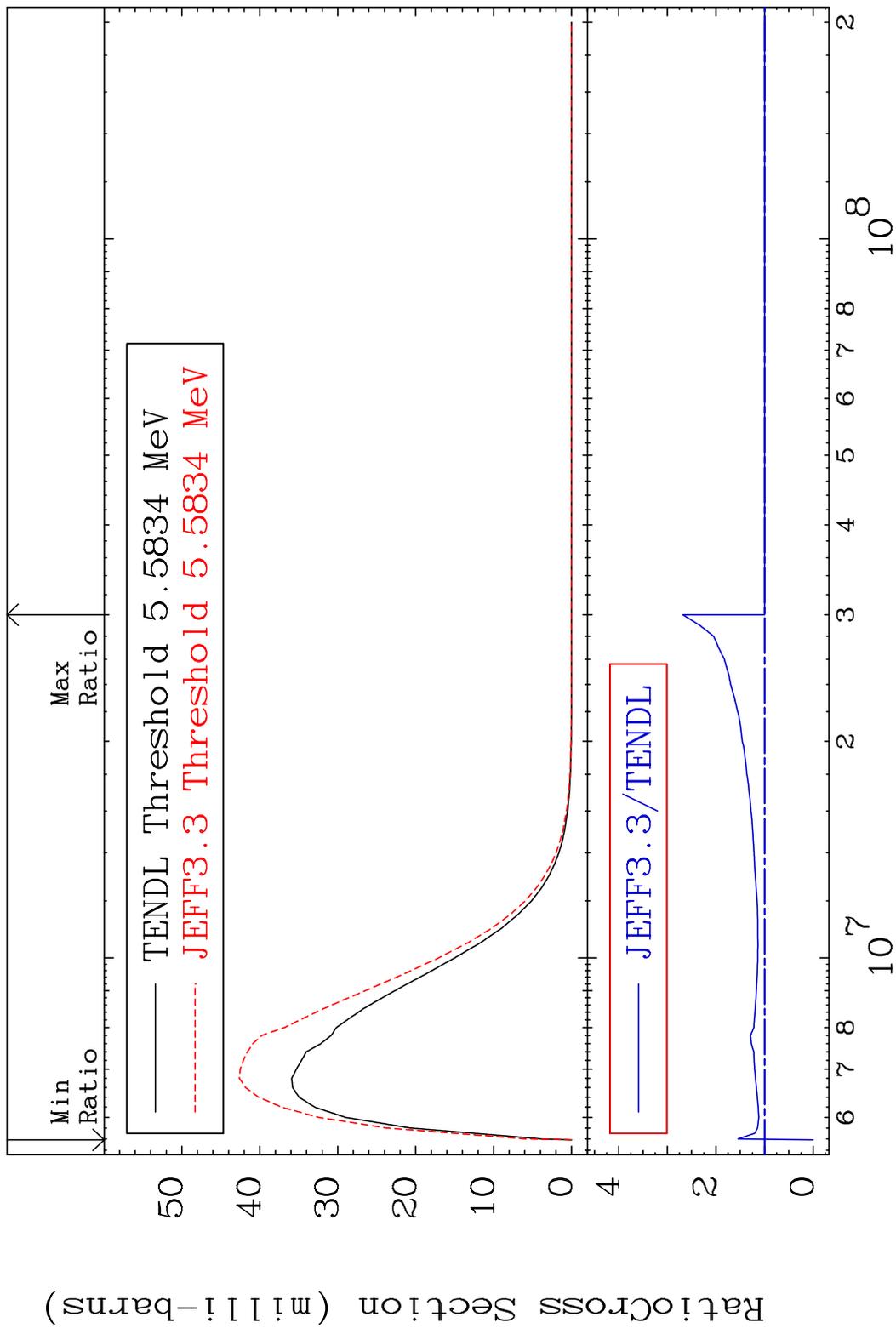


20 16-S -32

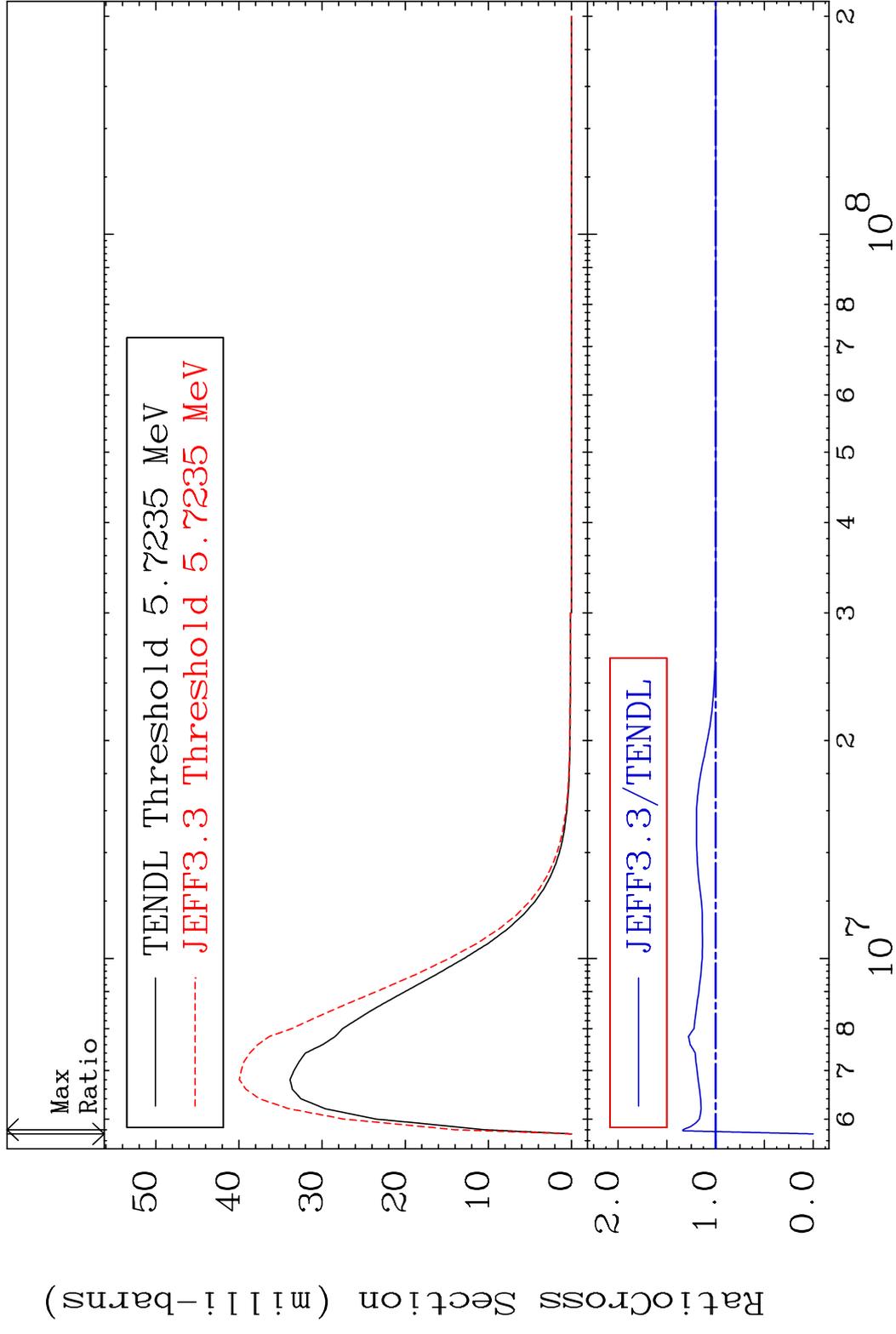
MAT 1625 MT= 56 (n, n') Level 16-S -32  
 Cross Section -100.0 To 37.09 %



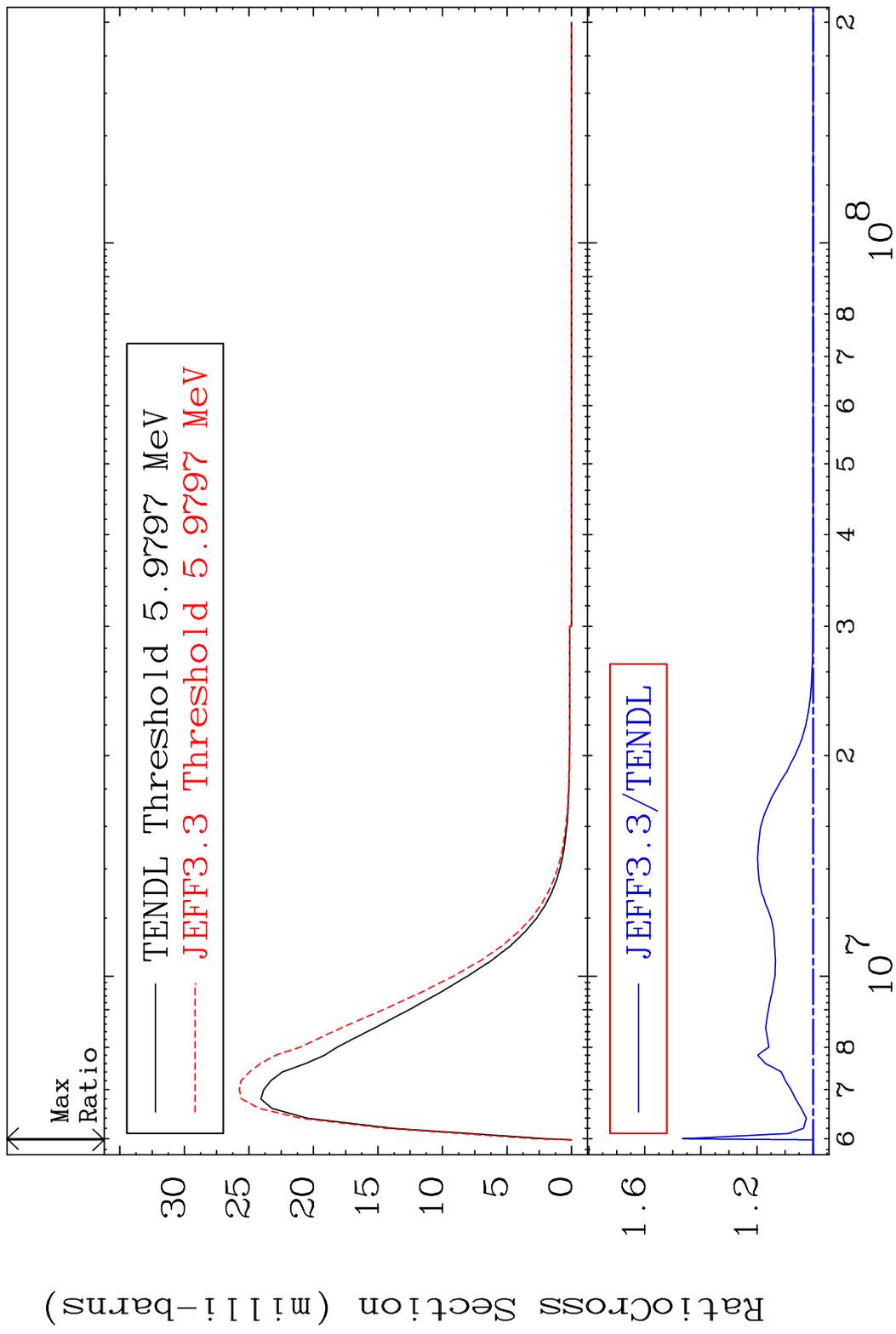
MAT 1625 MT= 57 (n, n') Level 16-S -32  
 Cross Section -100.0 To 168.1 %



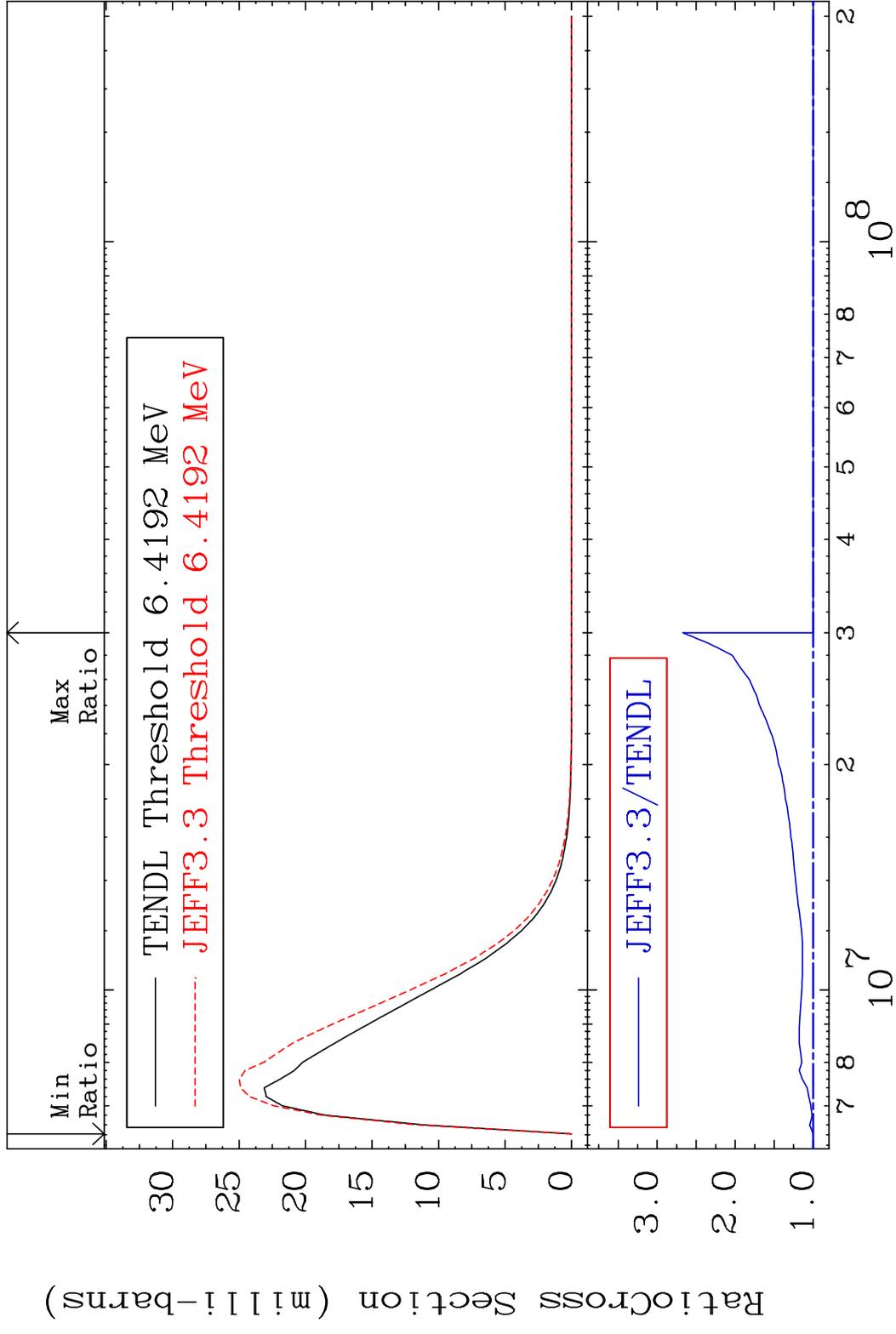
MAT 1625 MT= 58 (n, n') Level 16-S -32  
 Cross Section -100.0 To 33.62 %



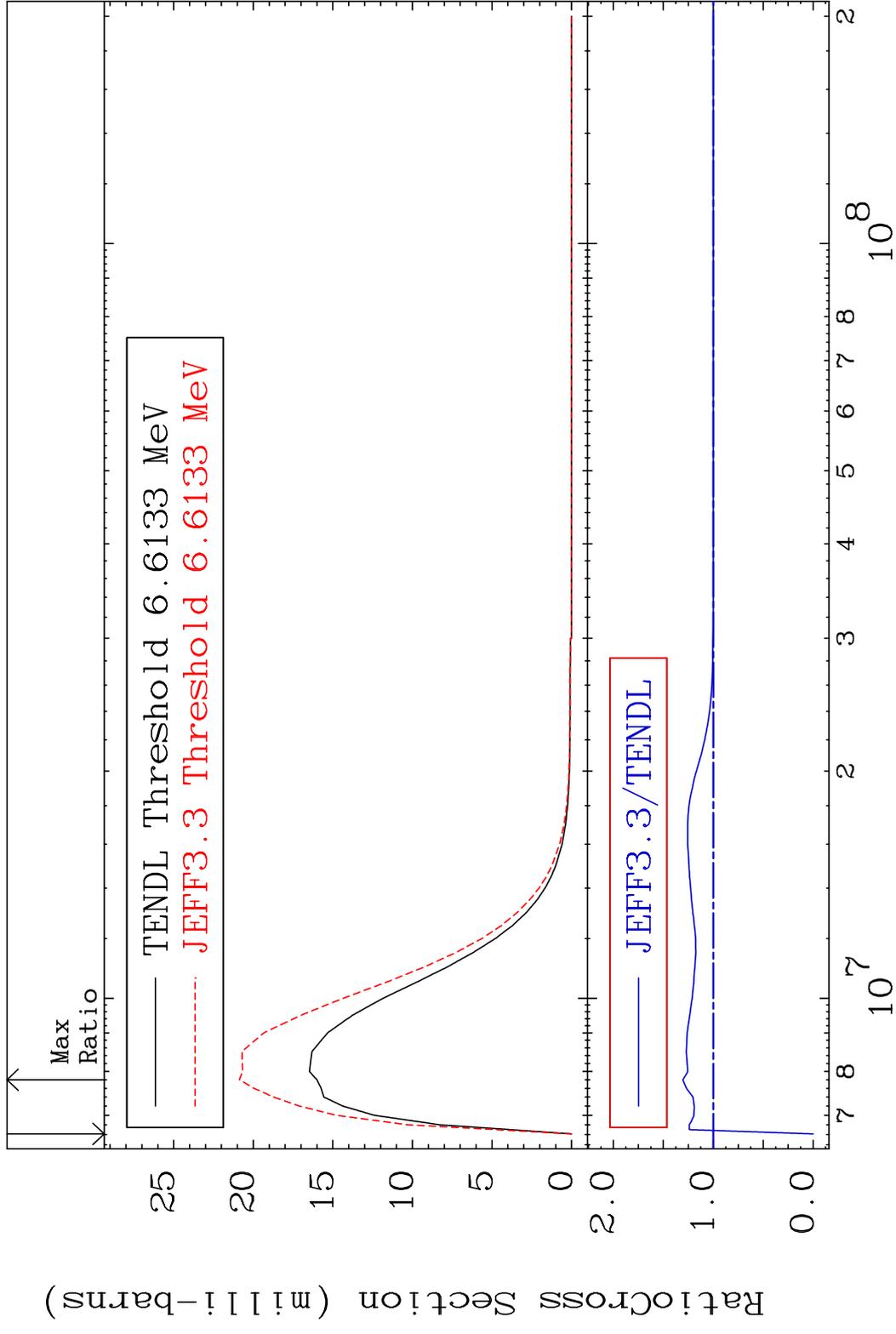
MAT 1625 MT= 59 (n, n') Level 16-S -32  
 Cross Section 0.000 To 46.45 %



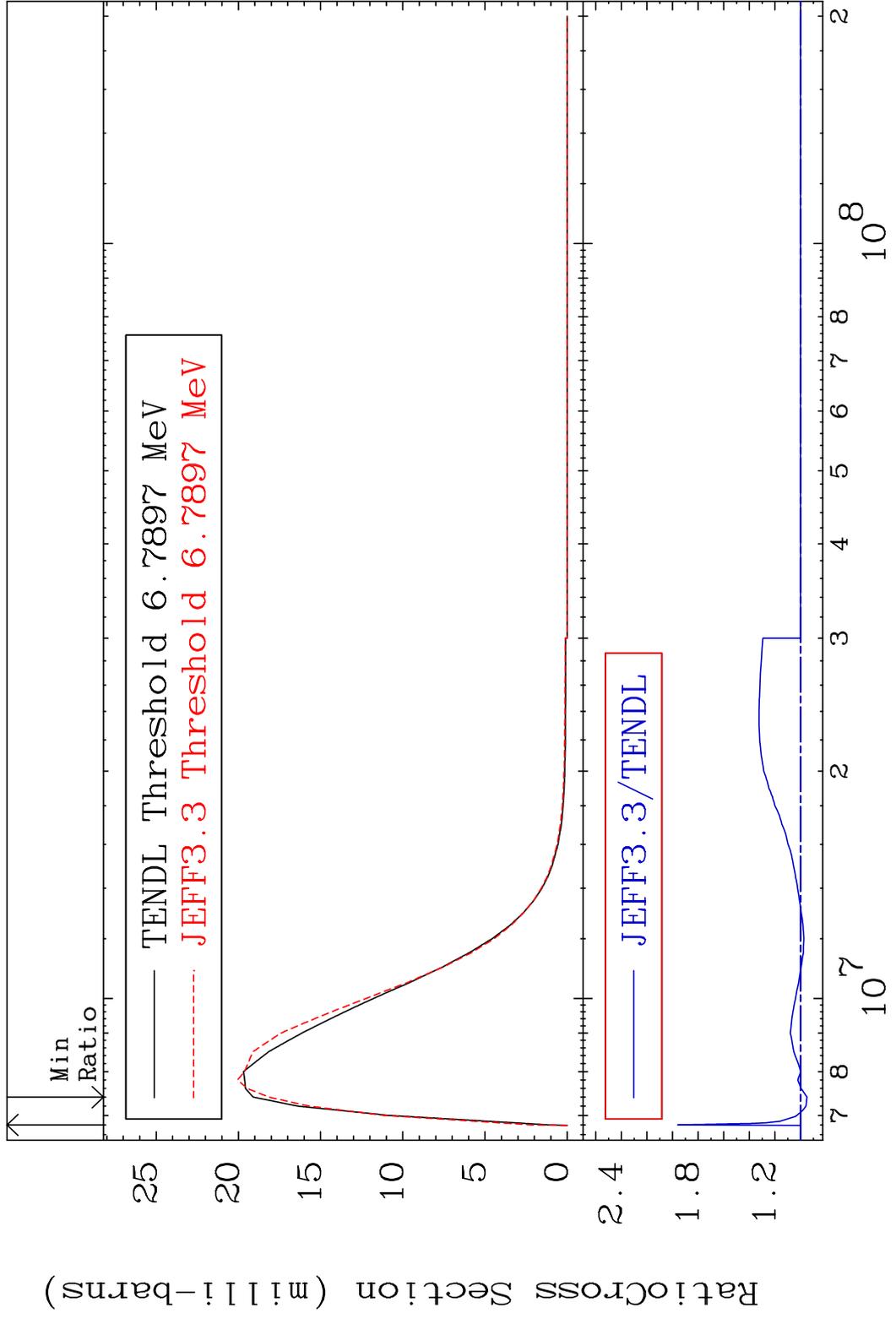
MAT 1625 MT= 60 (n, n') Level 16-S -32  
 Cross Section 0.000 To 167.1 %



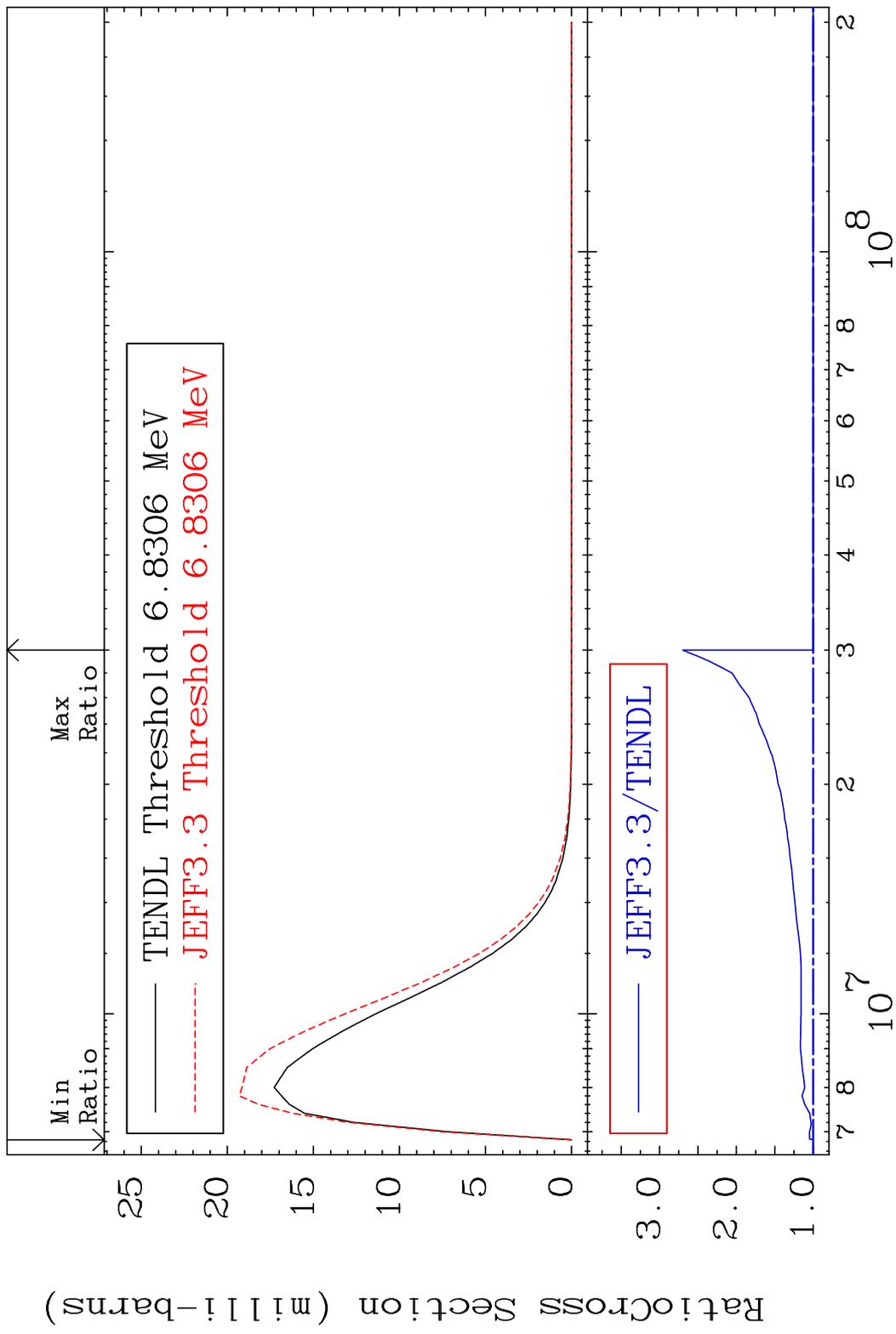
MAT 1625 MT= 61 (n,n') Level 16-S -32  
 Cross Section -100.0 To 30.44 %



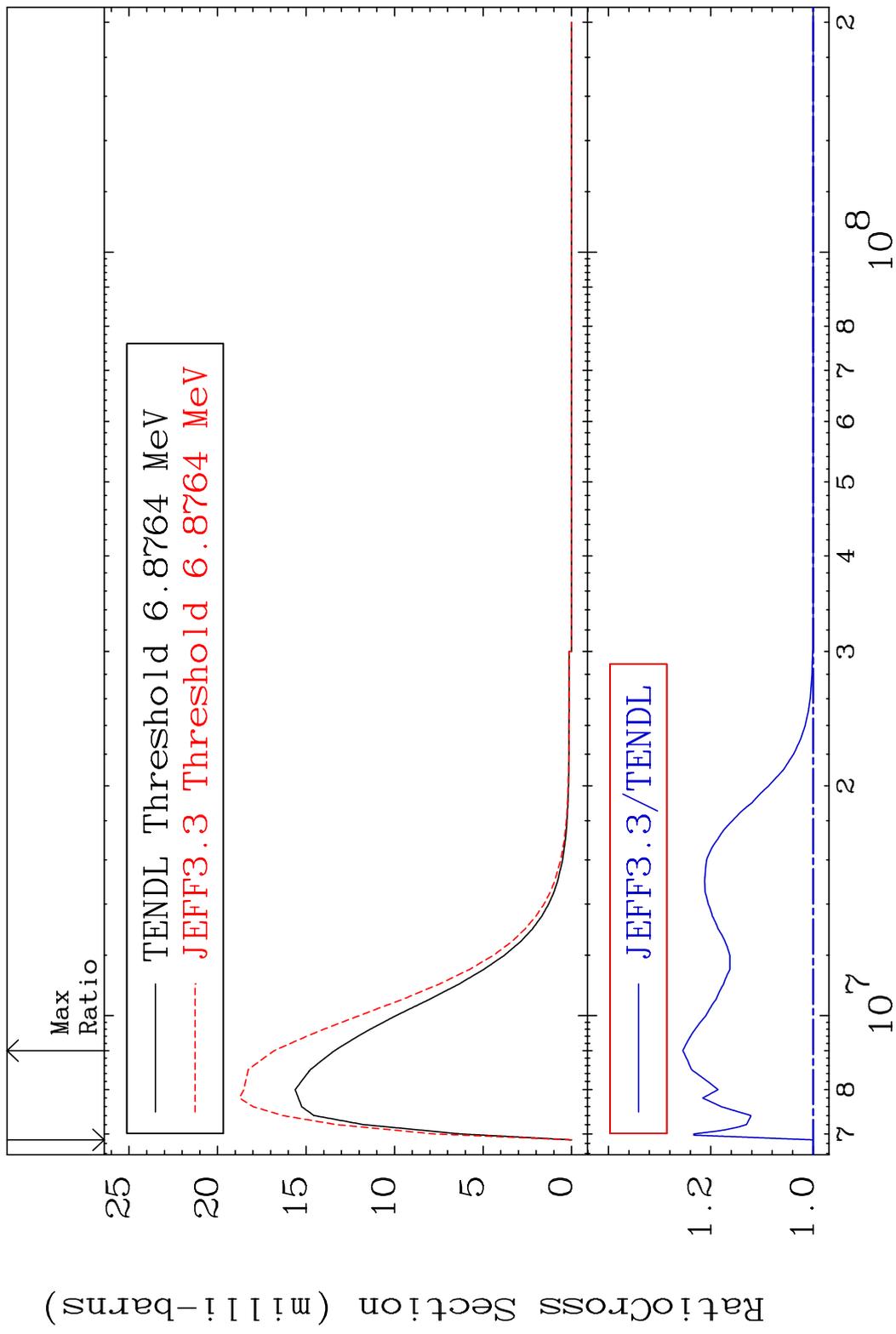
MAT 1625 MT= 62 (n,n') Level 16-S -32  
 Cross Section -5.091 To 95.99 %



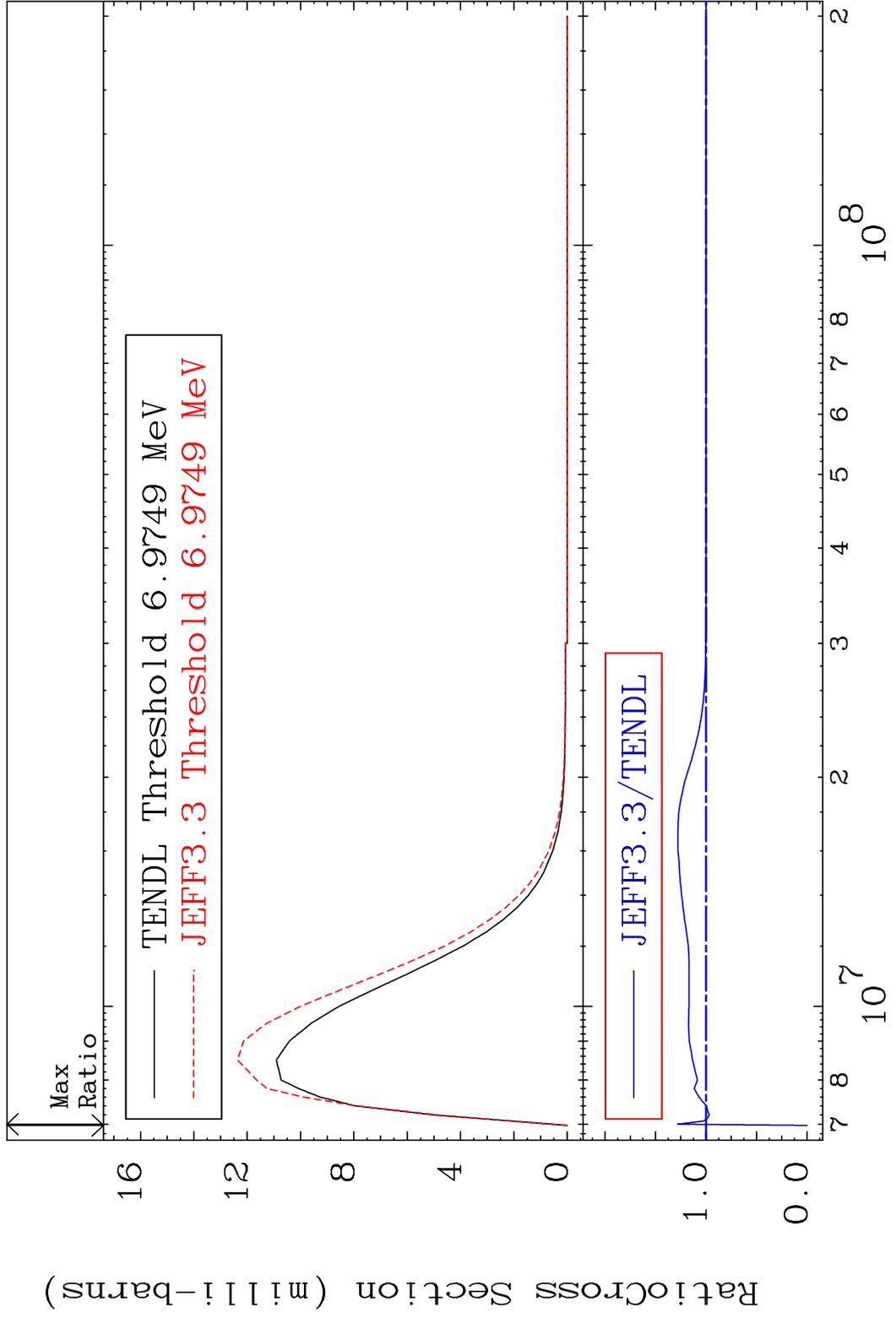
MAT 1625 MT= 63 (n, n') Level 16-S -32  
 Cross Section 0.000 To 169.7 %



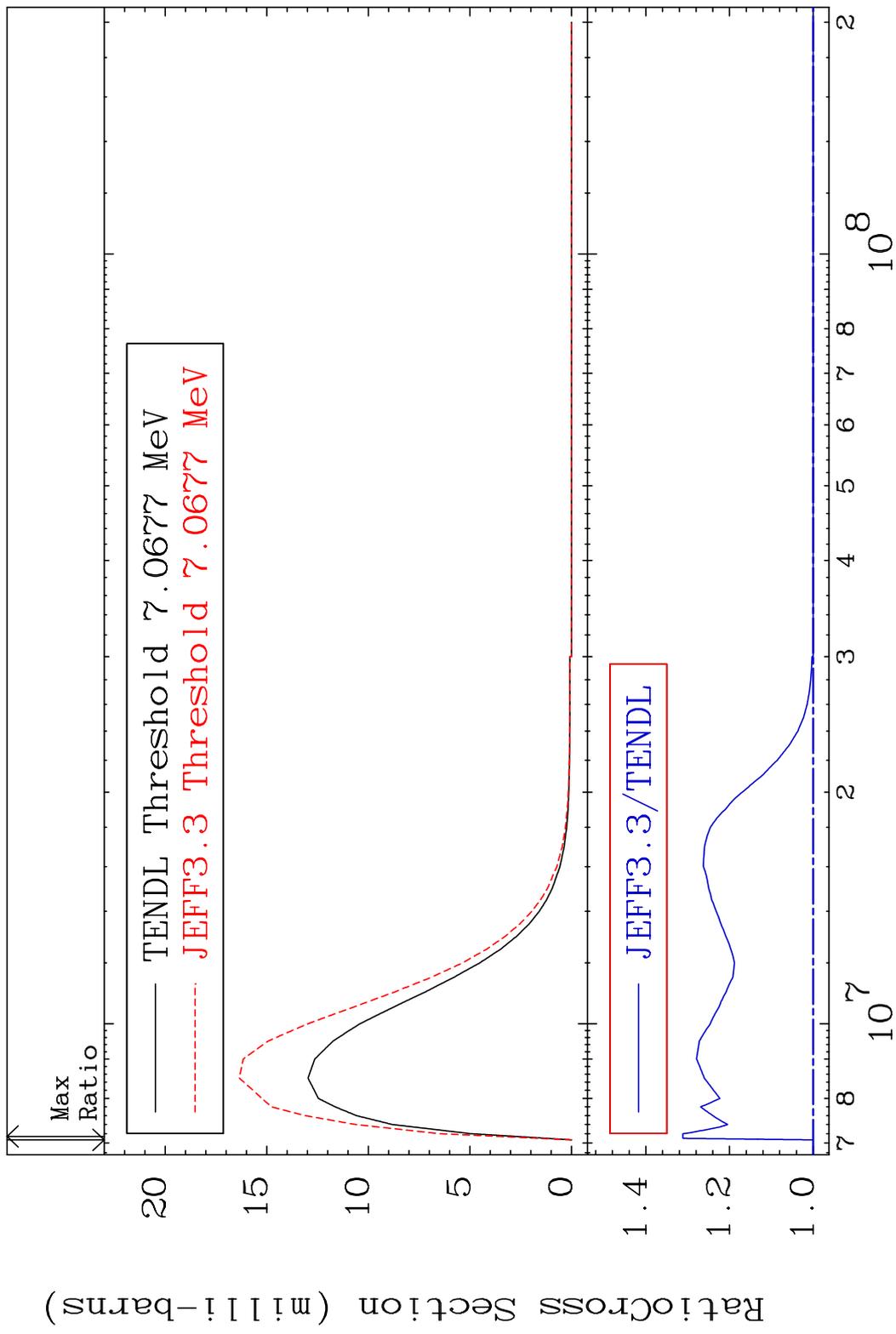
MAT 1625 MT= 64 (n, n') Level 16-S -32  
 Cross Section 0.000 To 25.47 %



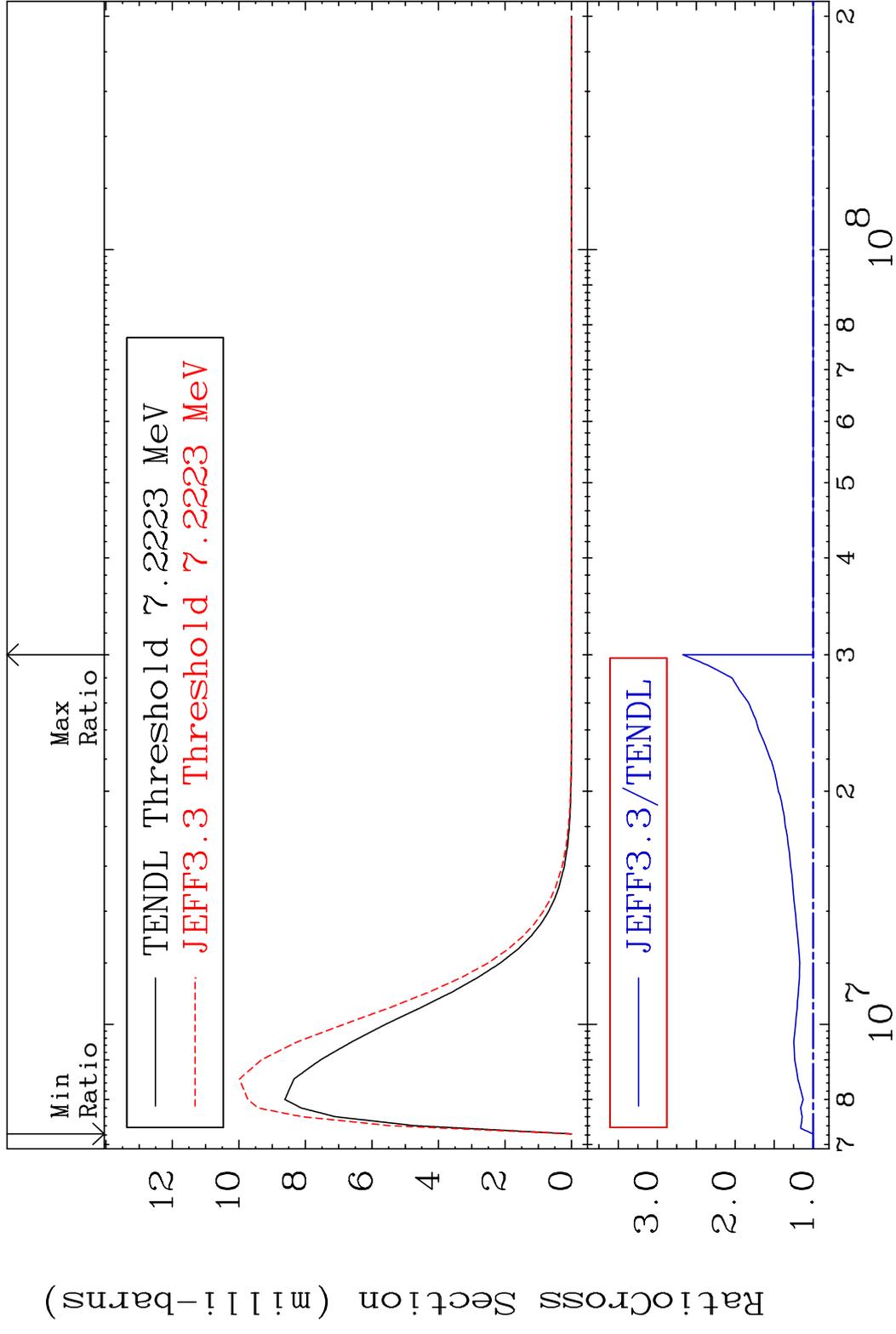
MAT 1625 MT= 65 (n,n') Level 16-S -32  
 Cross Section -100.0 To 28.05 %



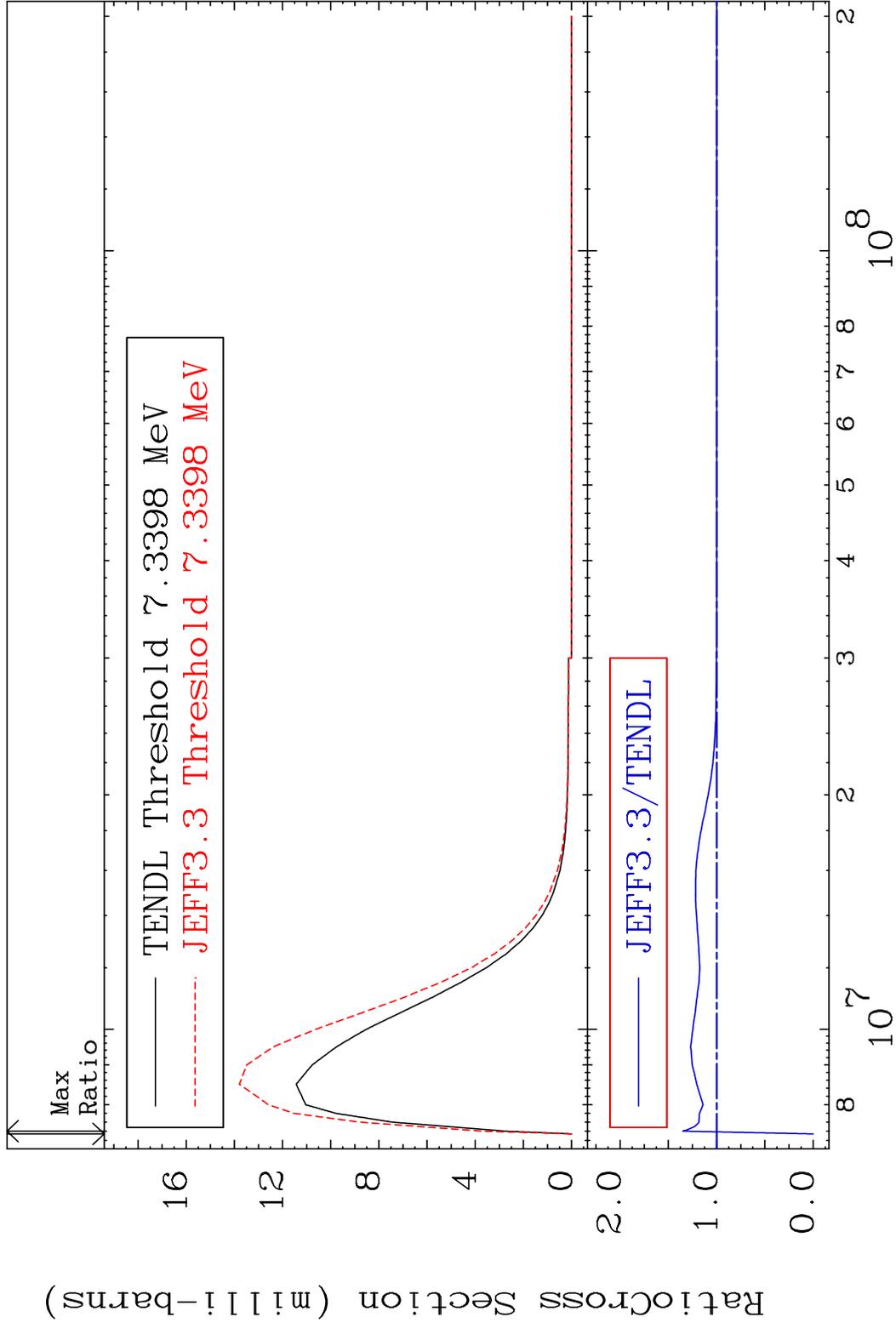
MAT 1625 MT= 66 (n, n') Level 16-S -32  
 Cross Section 0.000 To 31.17 %



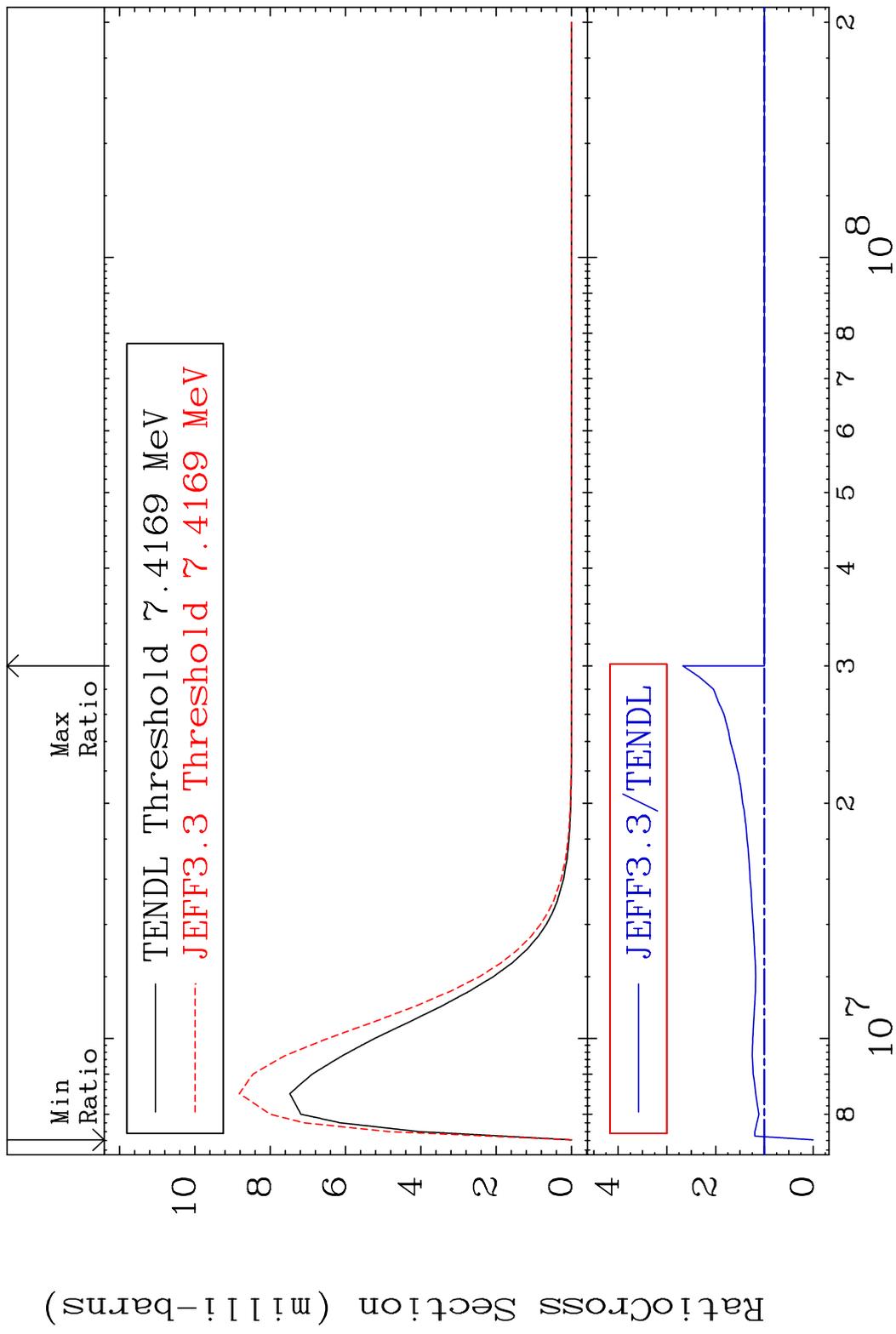
MAT 1625 MT= 67 (n, n') Level 16-S -32  
 Cross Section 0.000 To 167.2 %



MAT 1625 MT= 68 (n,n') Level 16-S -32  
 Cross Section -100.0 To 35.00 %

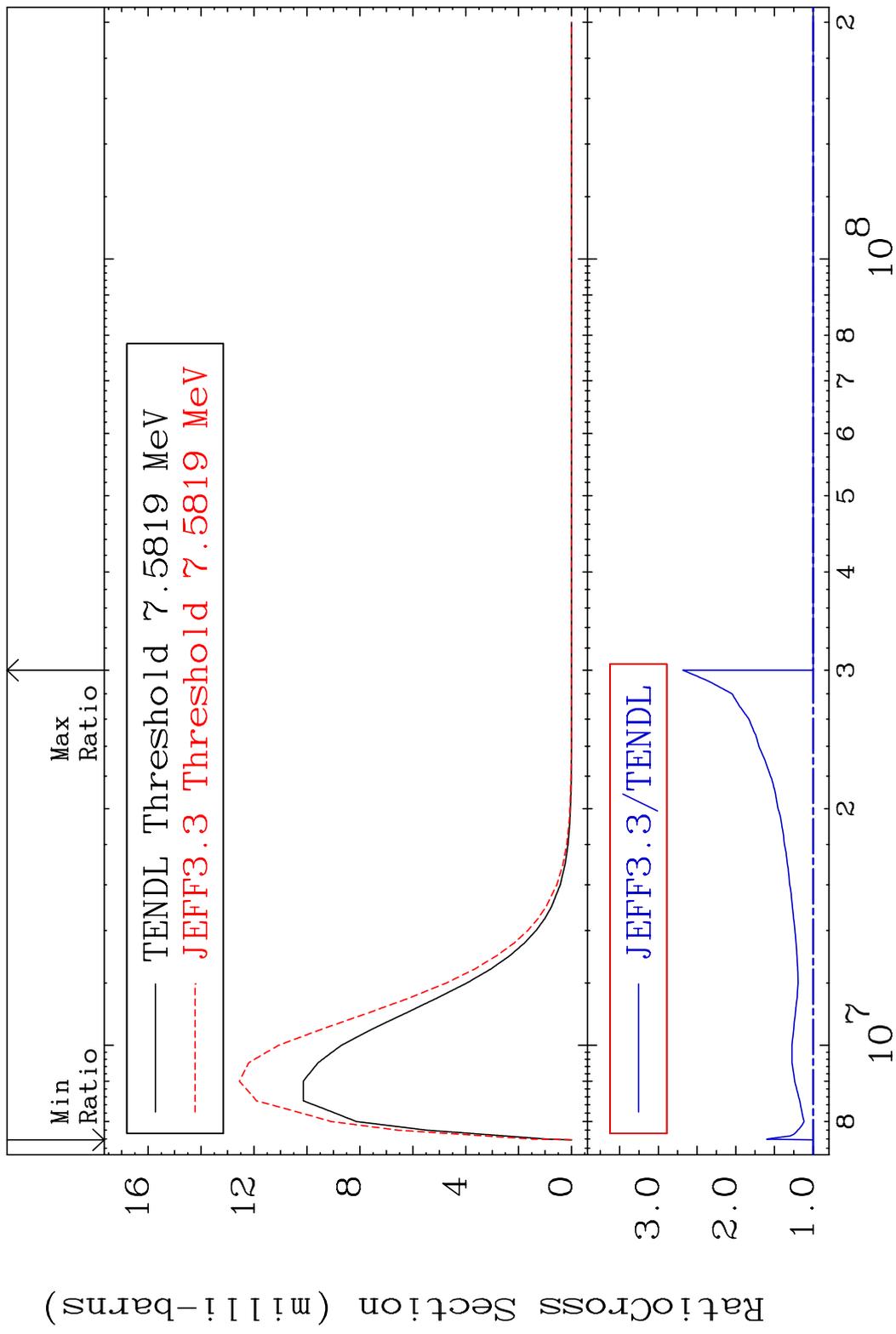


MAT 1625 MT= 69 (n, n') Level 16-S -32  
 Cross Section -100.0 To 167.3 %

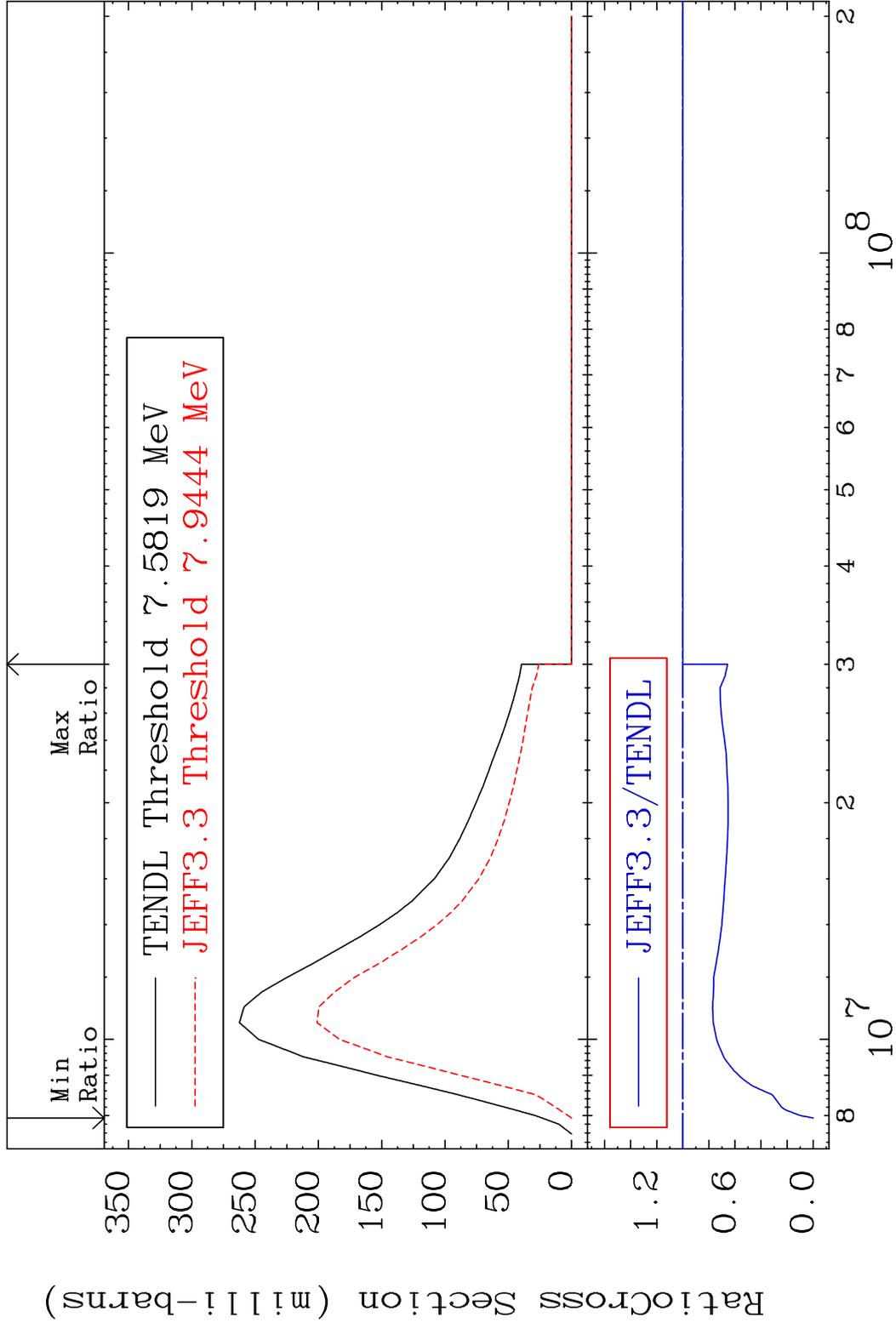


34 Incident Energy (eV) 16-S -32

MAT 1625 MT= 70 (n, n') Level 16-S -32  
 Cross Section 0.000 To 168.4 %



MAT 1625 (n,n') Continuum 16-S -32  
 Cross Section -100.0 To 0.000 %

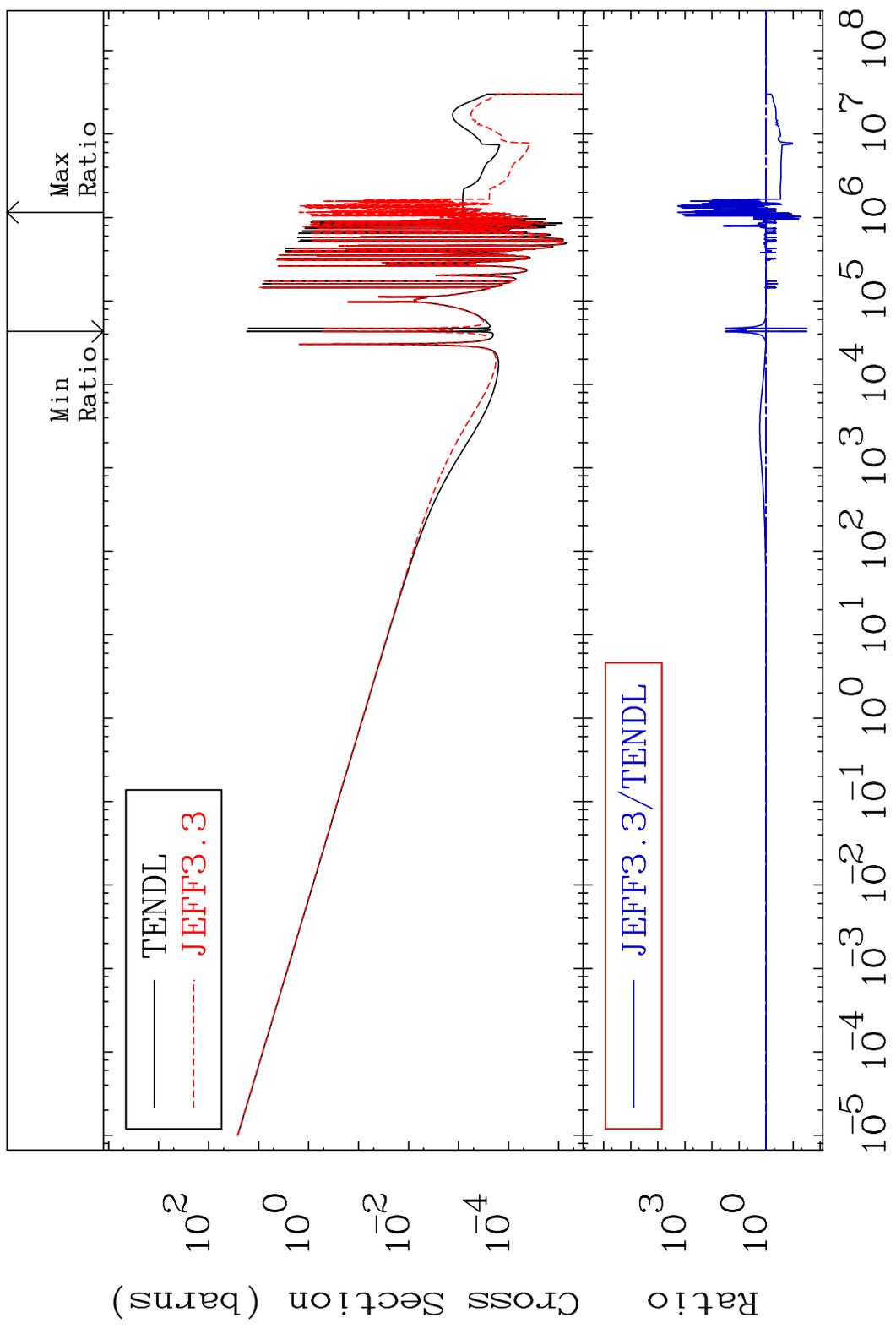


MAT 1625

(n,  $\gamma$ )

16-S -32

Cross Section -96.92 To 9999. %

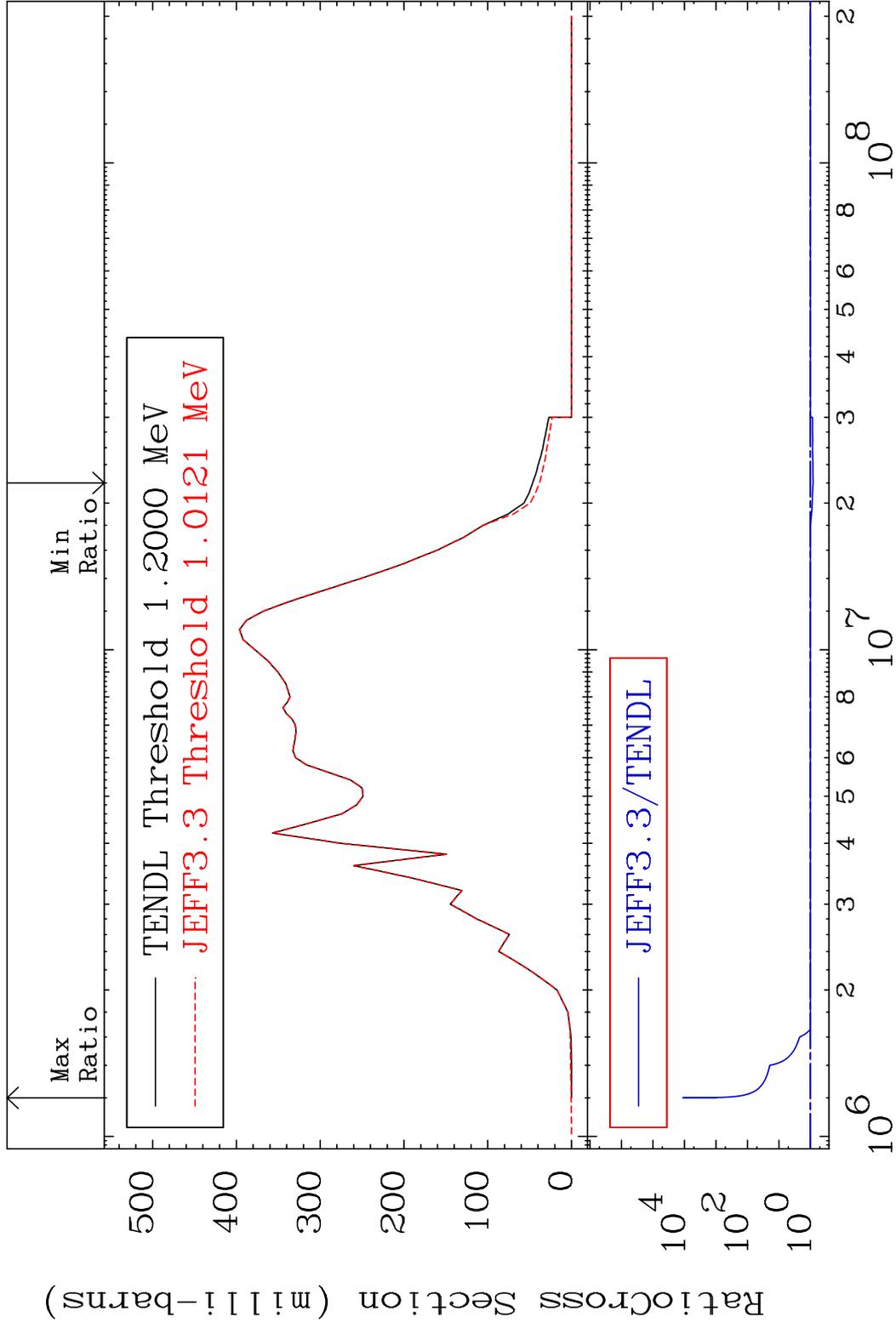


37

Incident Energy (eV)

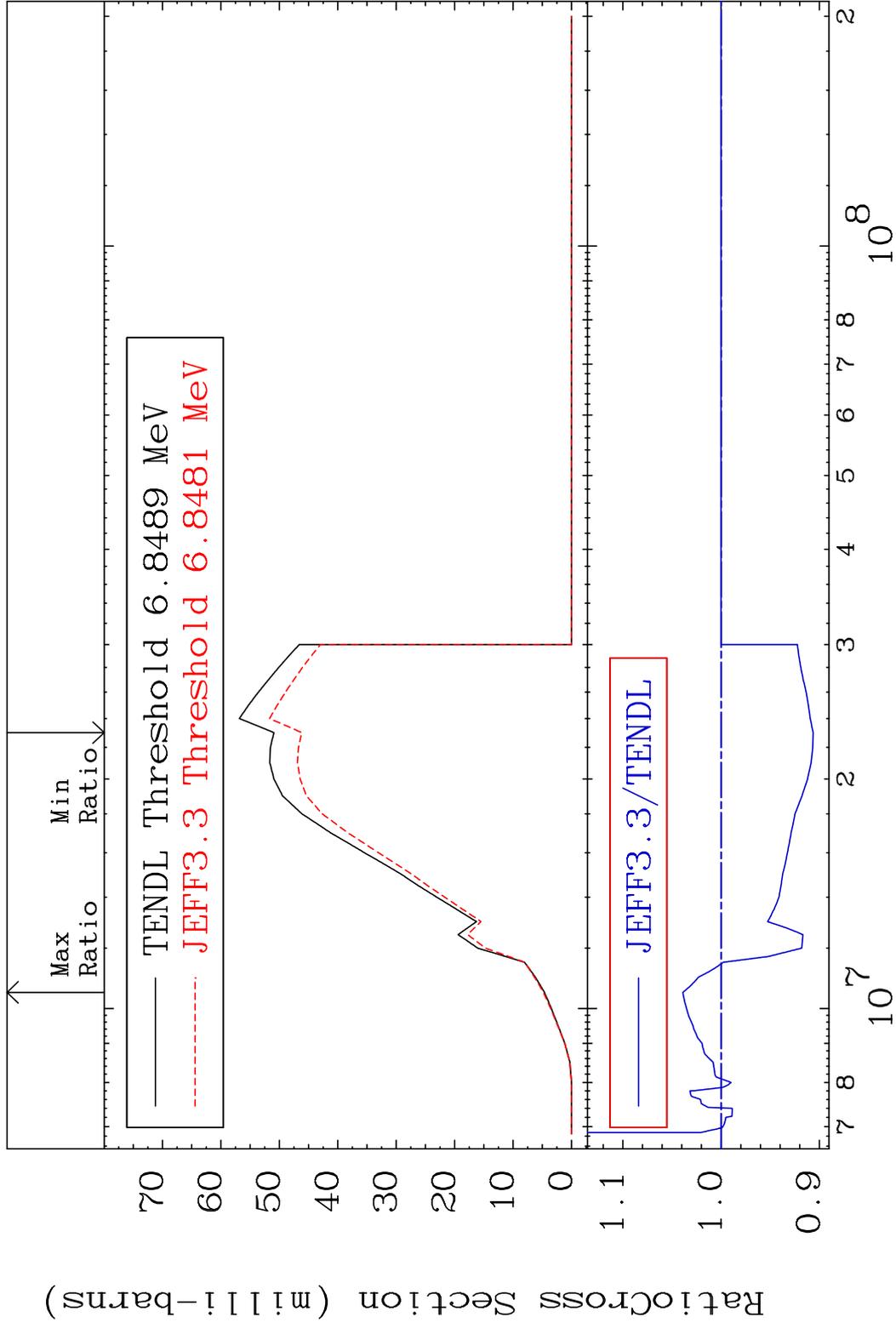
16-S -32

MAT 1625 (n,p) 16-S -32  
 Cross Section -18.11 To 9999. %

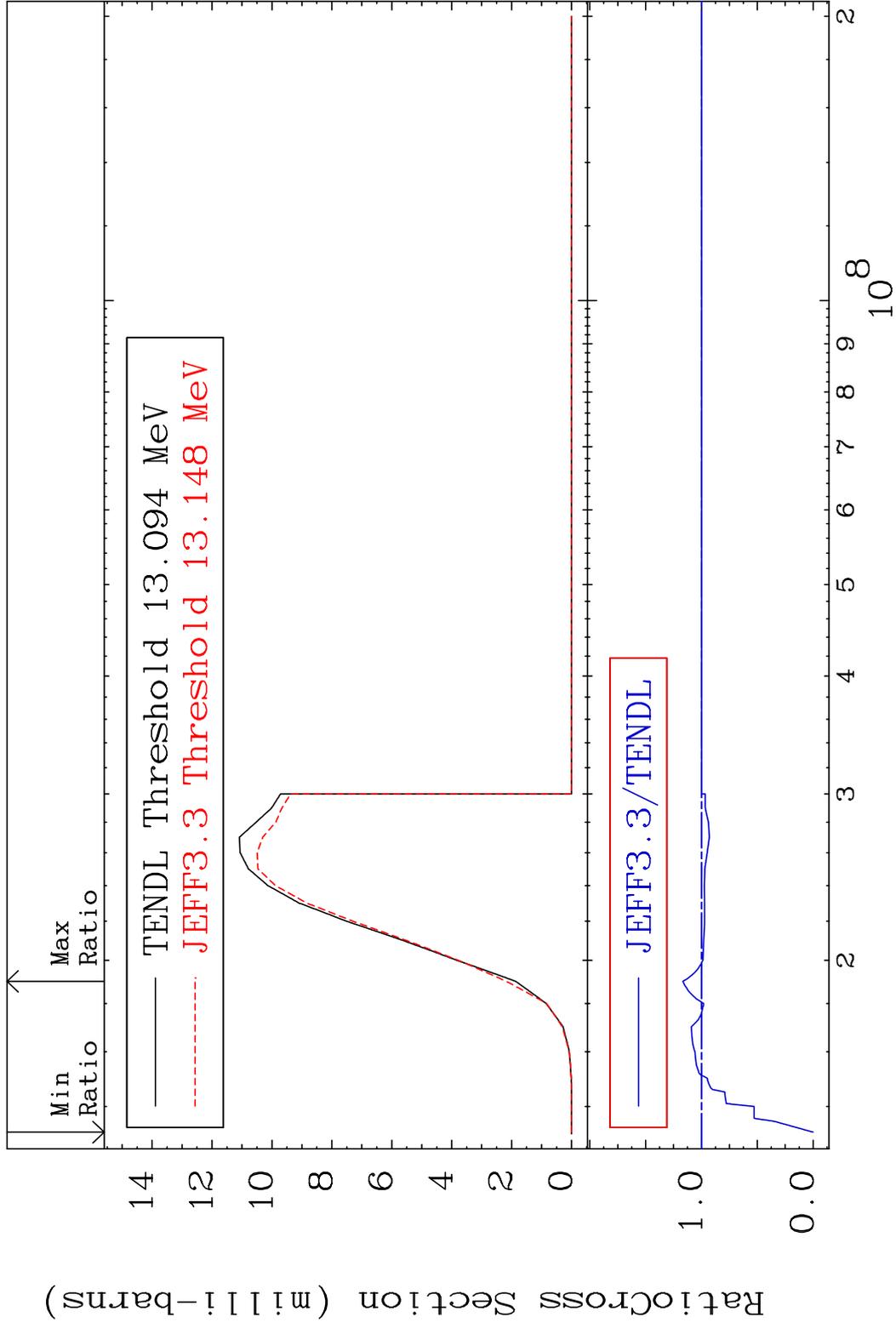


38 Incident Energy (eV) 16-S -32

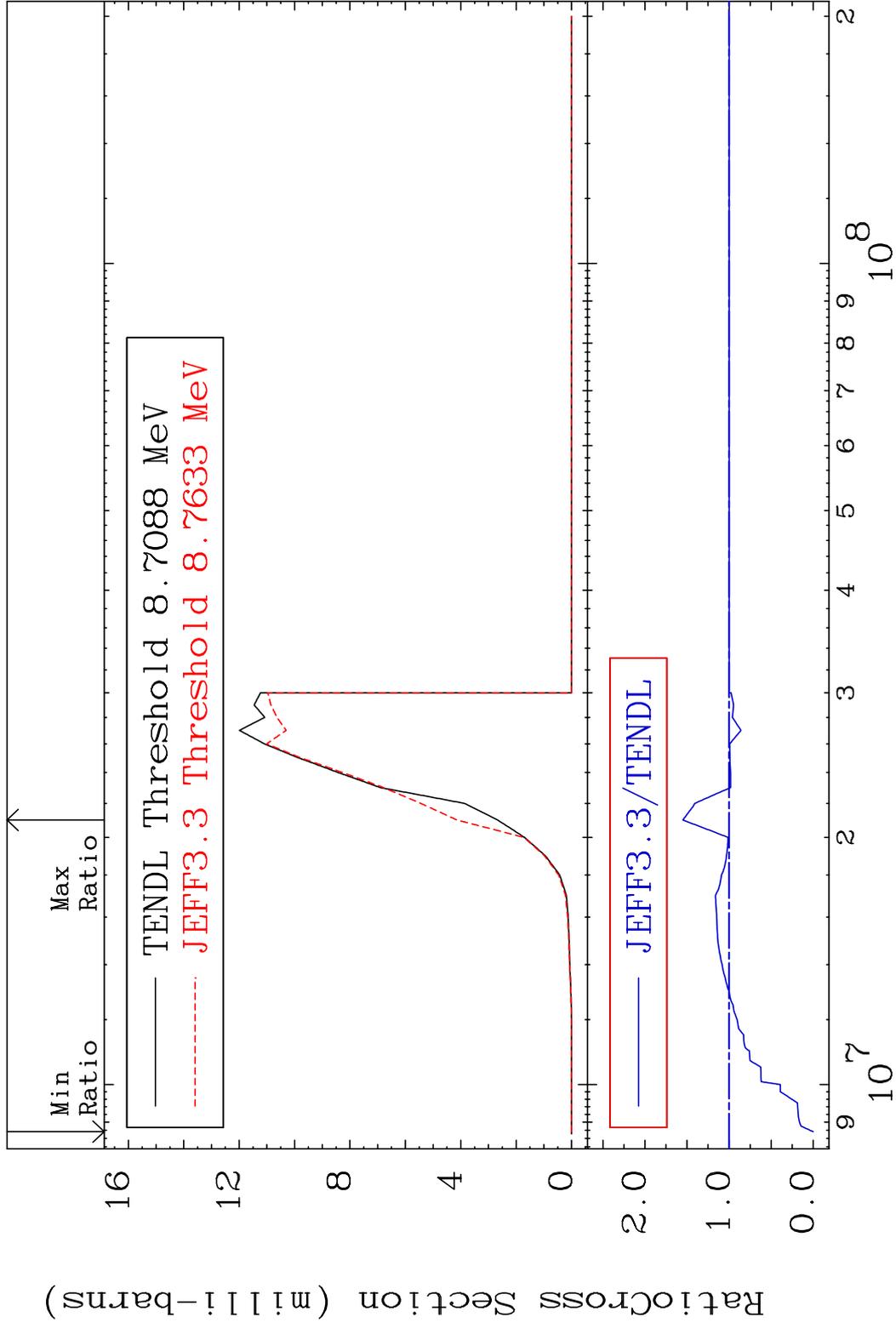
MAT 1625 (n,d) 16-S -32  
 Cross Section -9.369 To 3.894 %



MAT 1625 (n, t) 16-S -32  
 Cross Section -100.0 To 16.70 %



MAT 1625 (n, He-3) 16-S -32  
 Cross Section -100.0 To 55.03 %



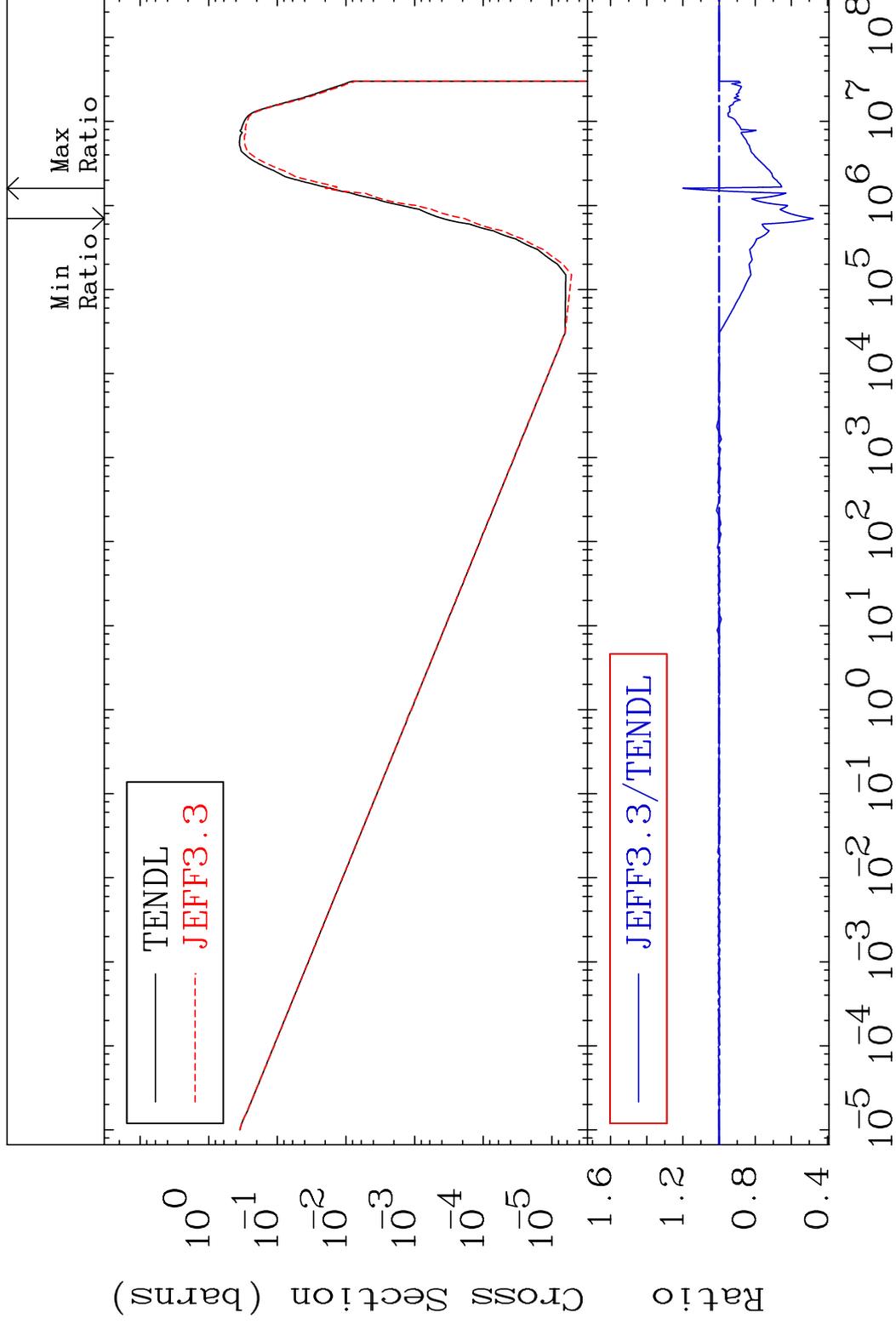
41 Incident Energy (eV) 16-S -32

MAT 1625

(n,  $\alpha$ )

16-S -32

Cross Section -52.07 To 20.04 %



42

Incident Energy (eV)

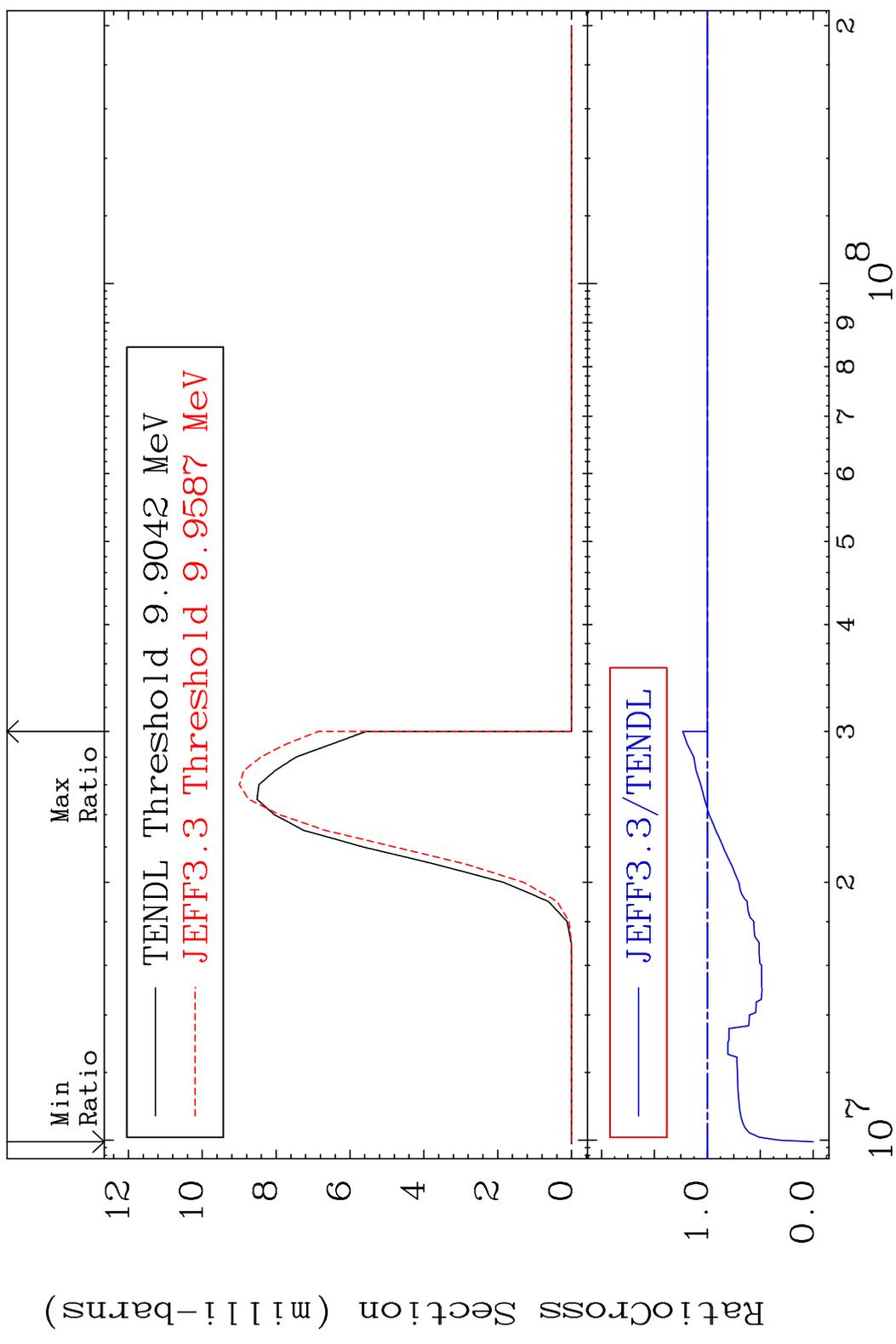
16-S -32

MAT 1625

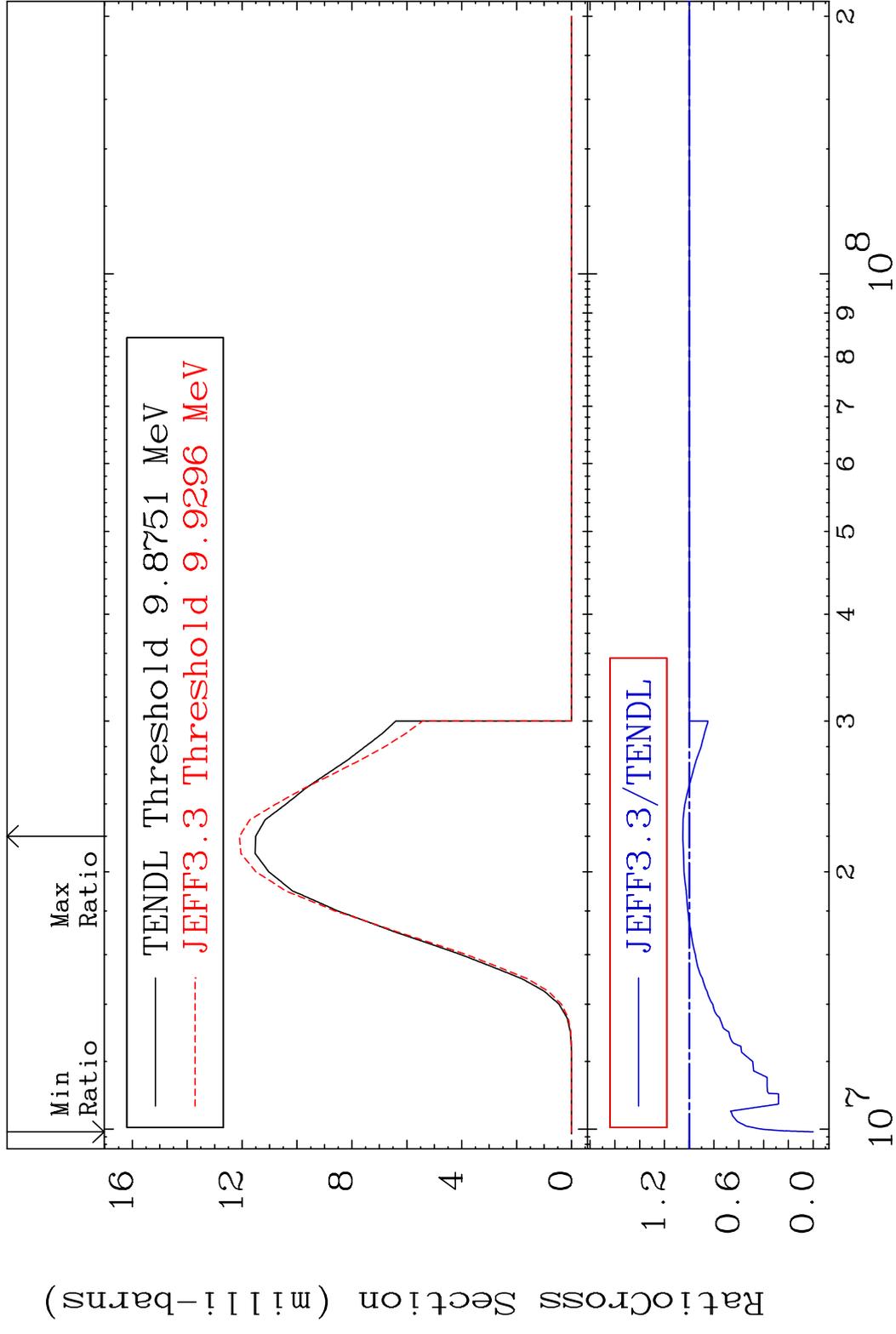
(n,2α)

16-S -32

Cross Section -100.0 To 23.14 %

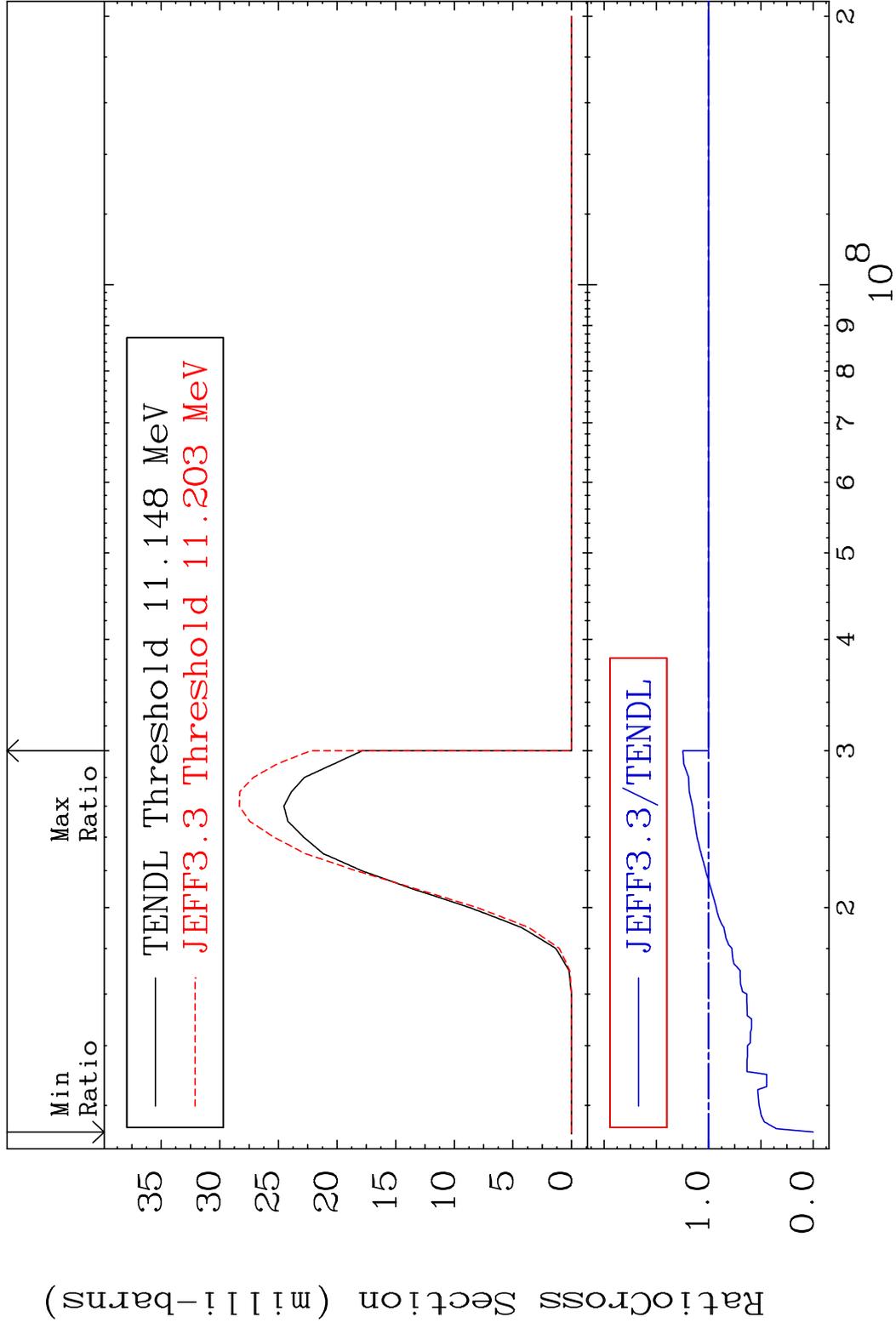


MAT 1625 (n,2p) 16-S -32  
 Cross Section -100.0 To 5.142 %

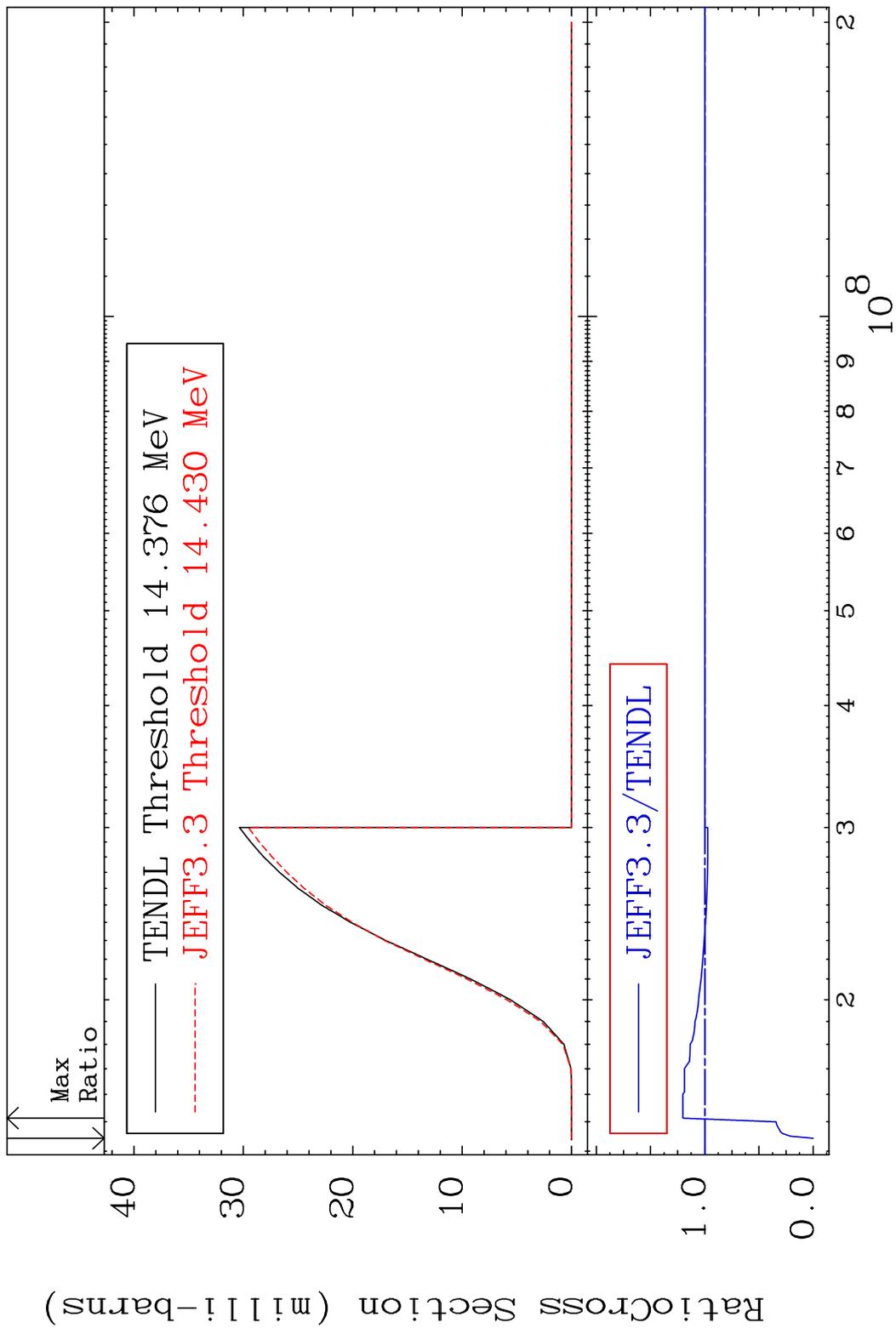


44 16-S -32

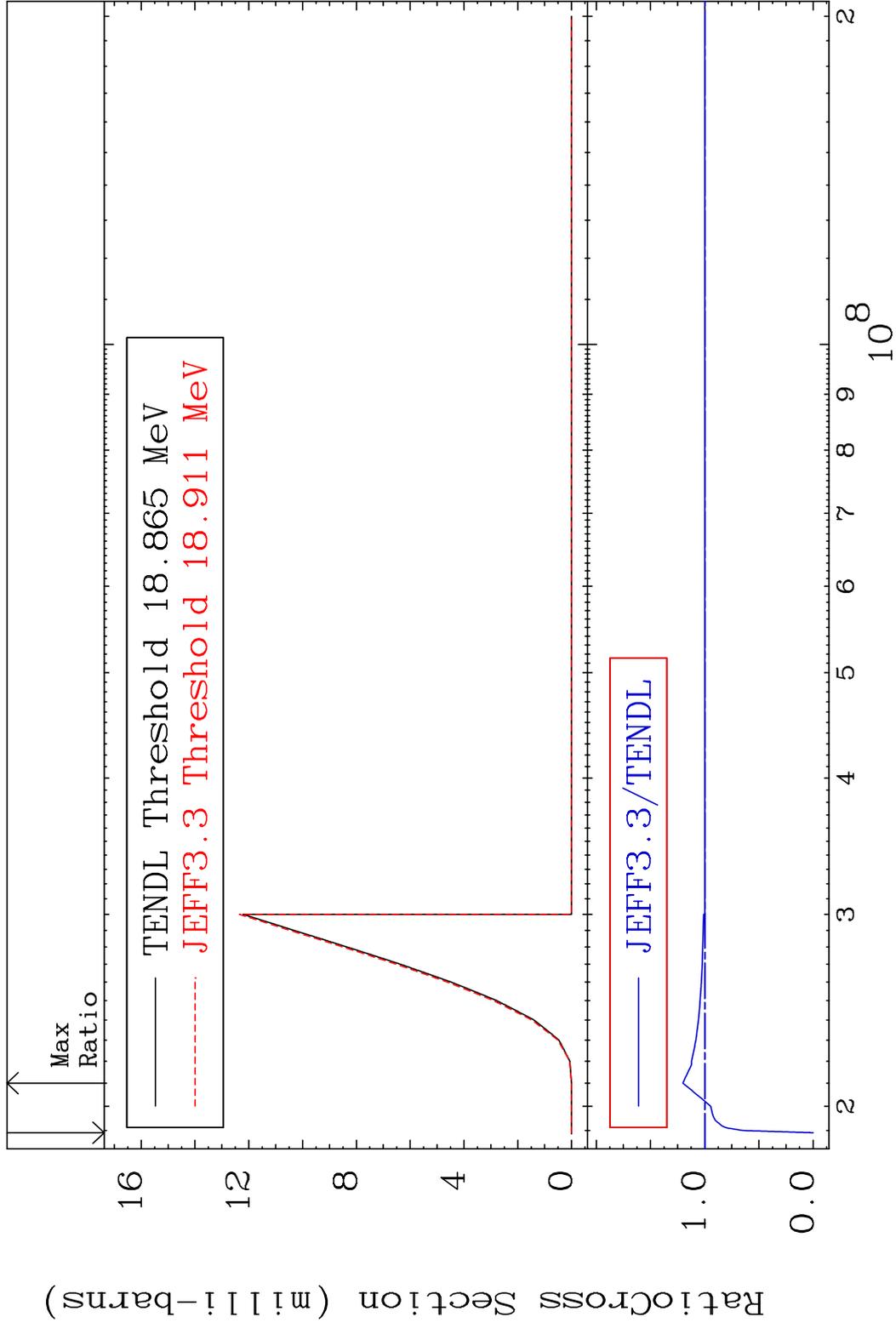
MAT 1625 (n,p)  $\alpha$  16-S -32  
 Cross Section -100.0 To 24.70 %



MAT 1625 (n,p) d 16-S -32  
 Cross Section -100.0 To 20.22 %

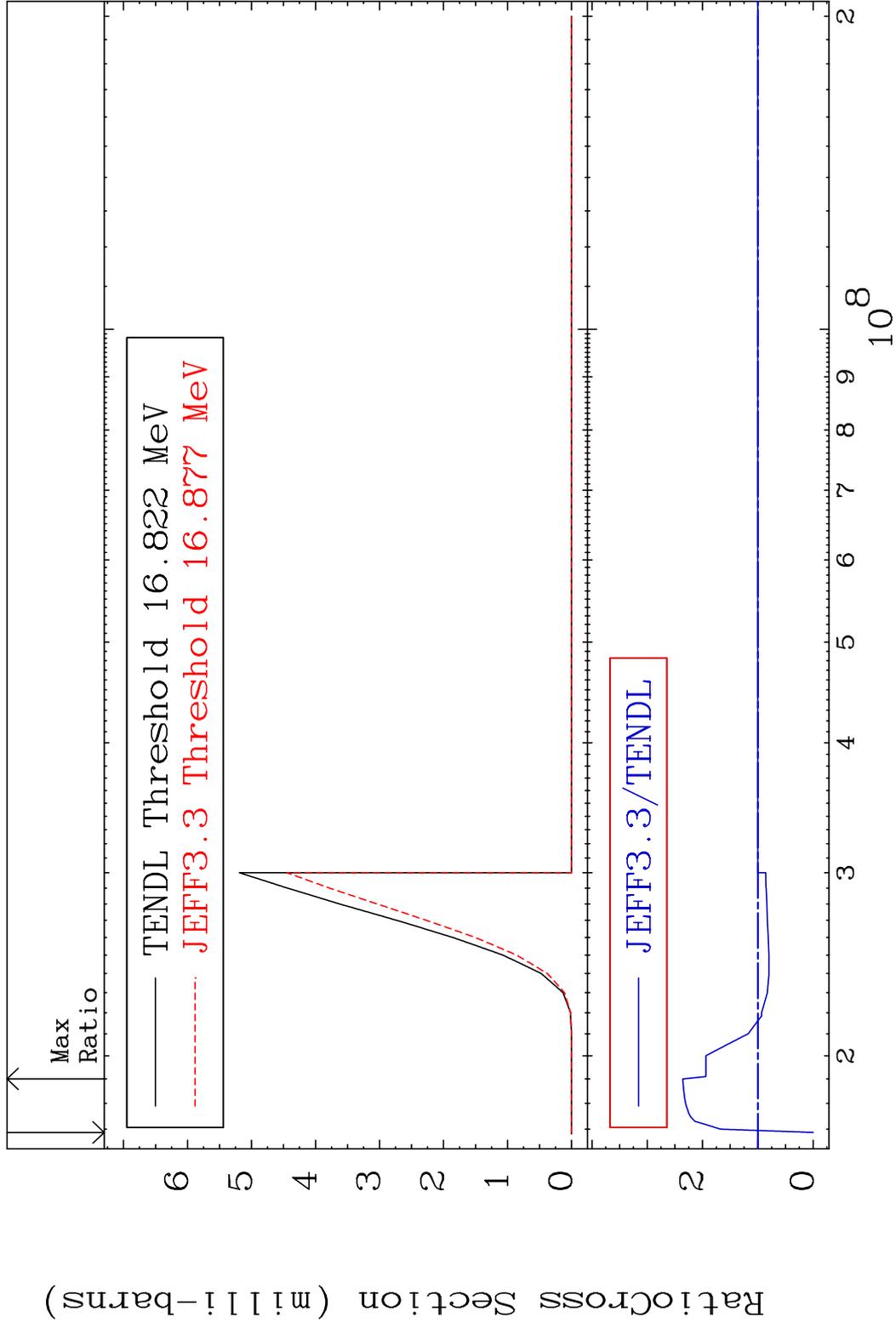


MAT 1625 (n,p) t 16-S -32  
 Cross Section -100.0 To 20.17 %



47 Incident Energy (eV) 16-S -32

MAT 1625 (n,d)  $\alpha$  16-S -32  
 Cross Section -100.0 To 135.6 %

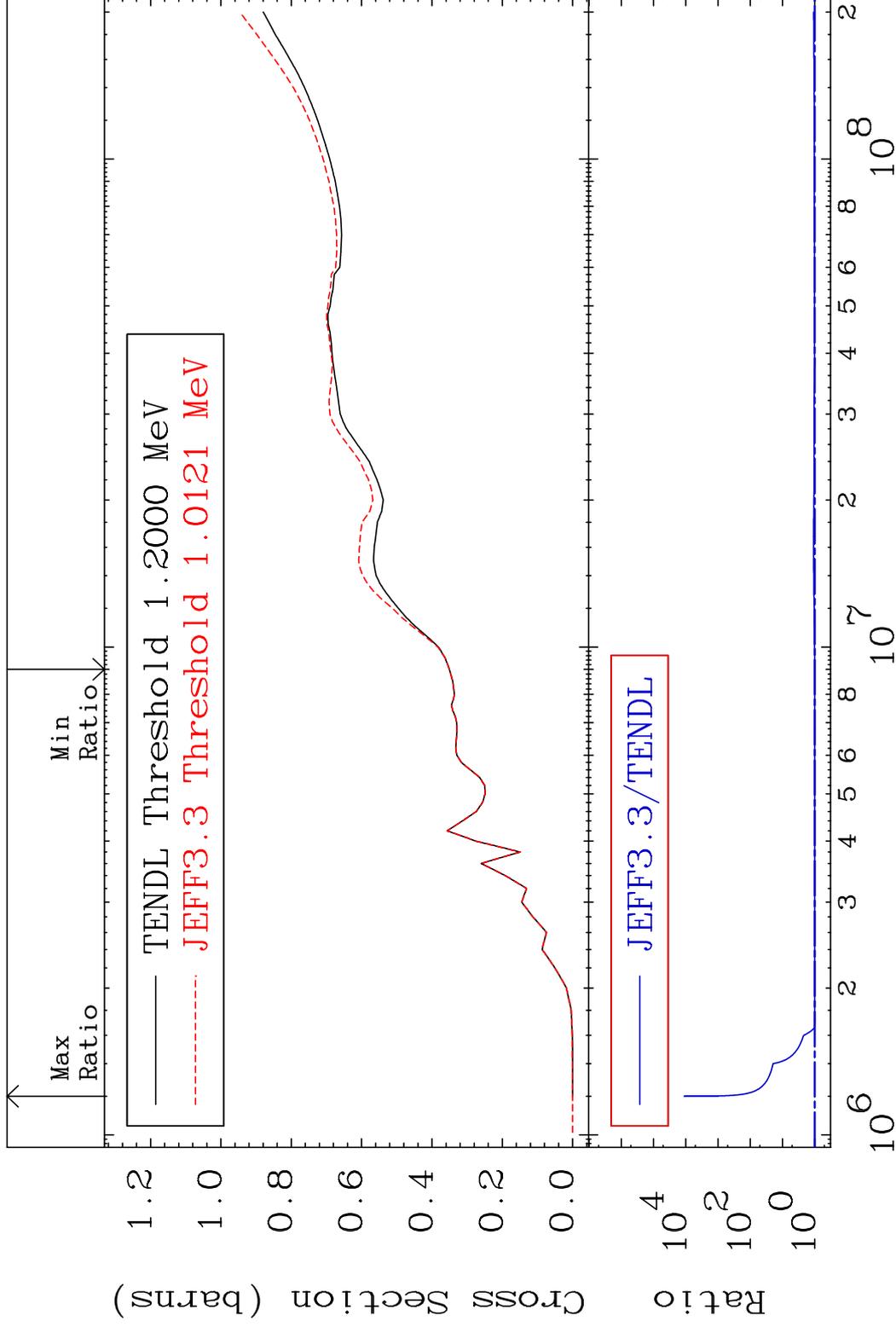


MAT 1625

Hydrogen Production

16-S -32

Cross Section -0.066 To 9999. %



49

Incident Energy (eV)

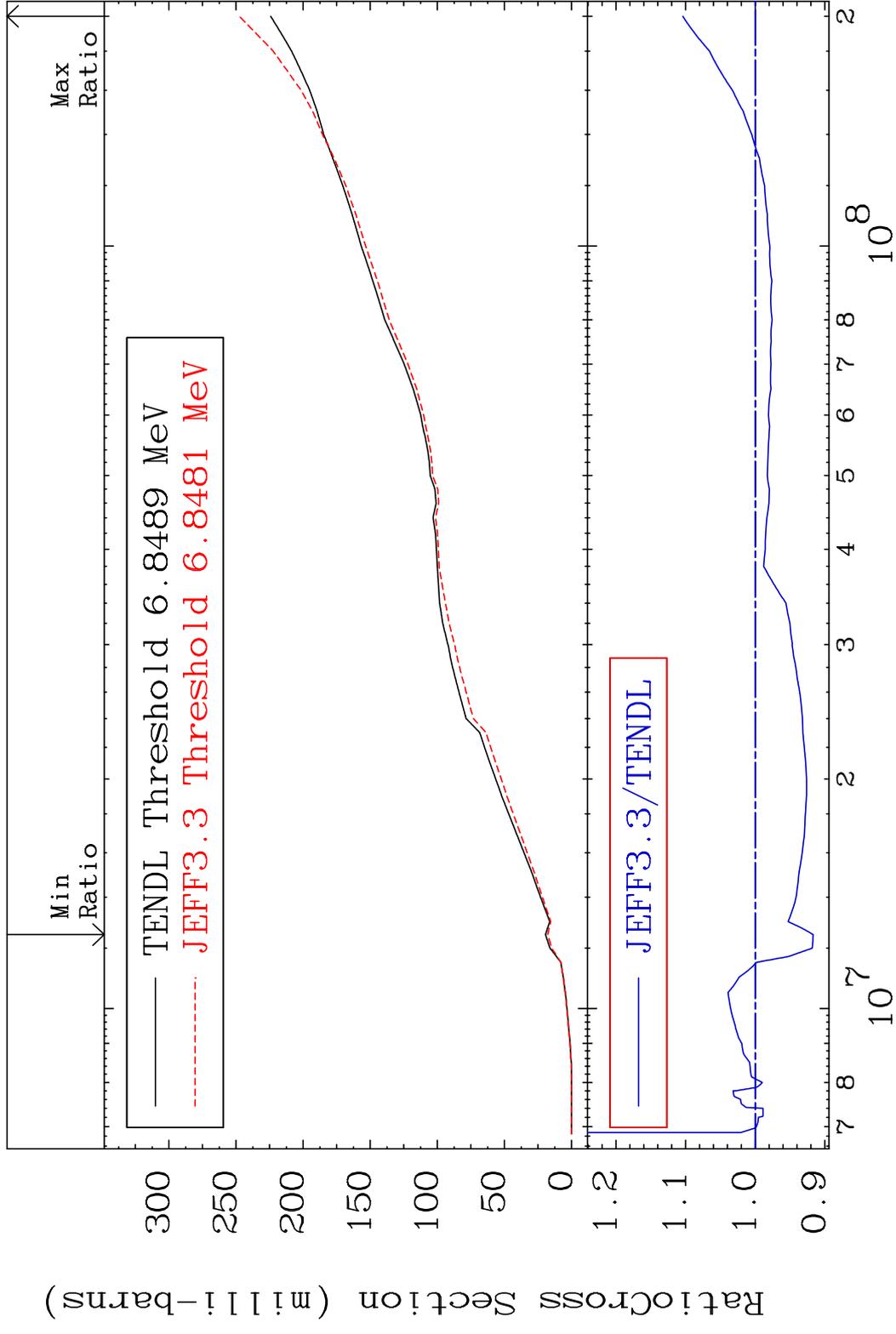
16-S -32

MAT 1625

Deuterium Production

16-S -32

Cross Section -8.324 To 10.39 %

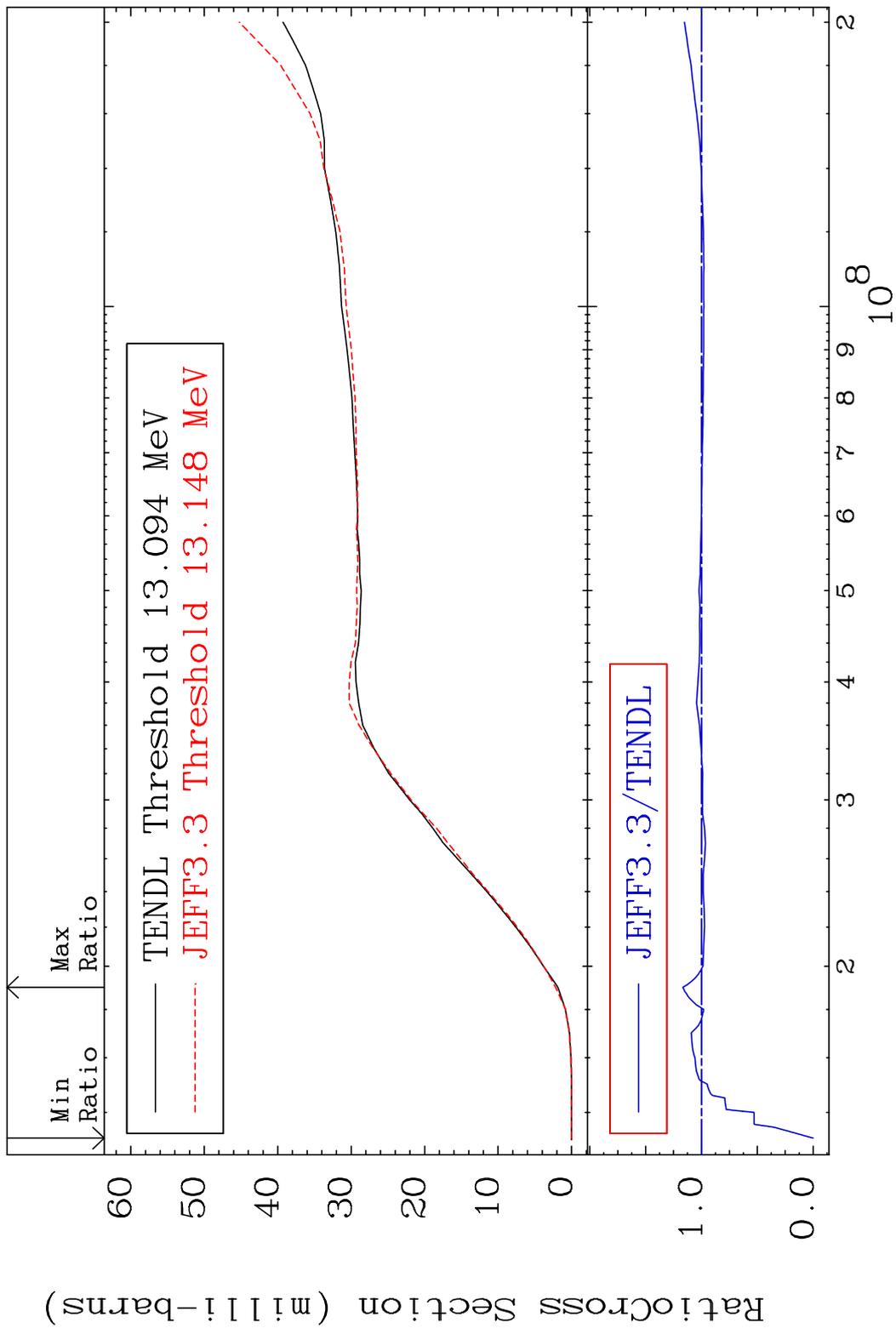


50

Incident Energy (eV)

16-S -32

MAT 1625 Tritium Production 16-S -32  
 Cross Section -100.0 To 16.70 %

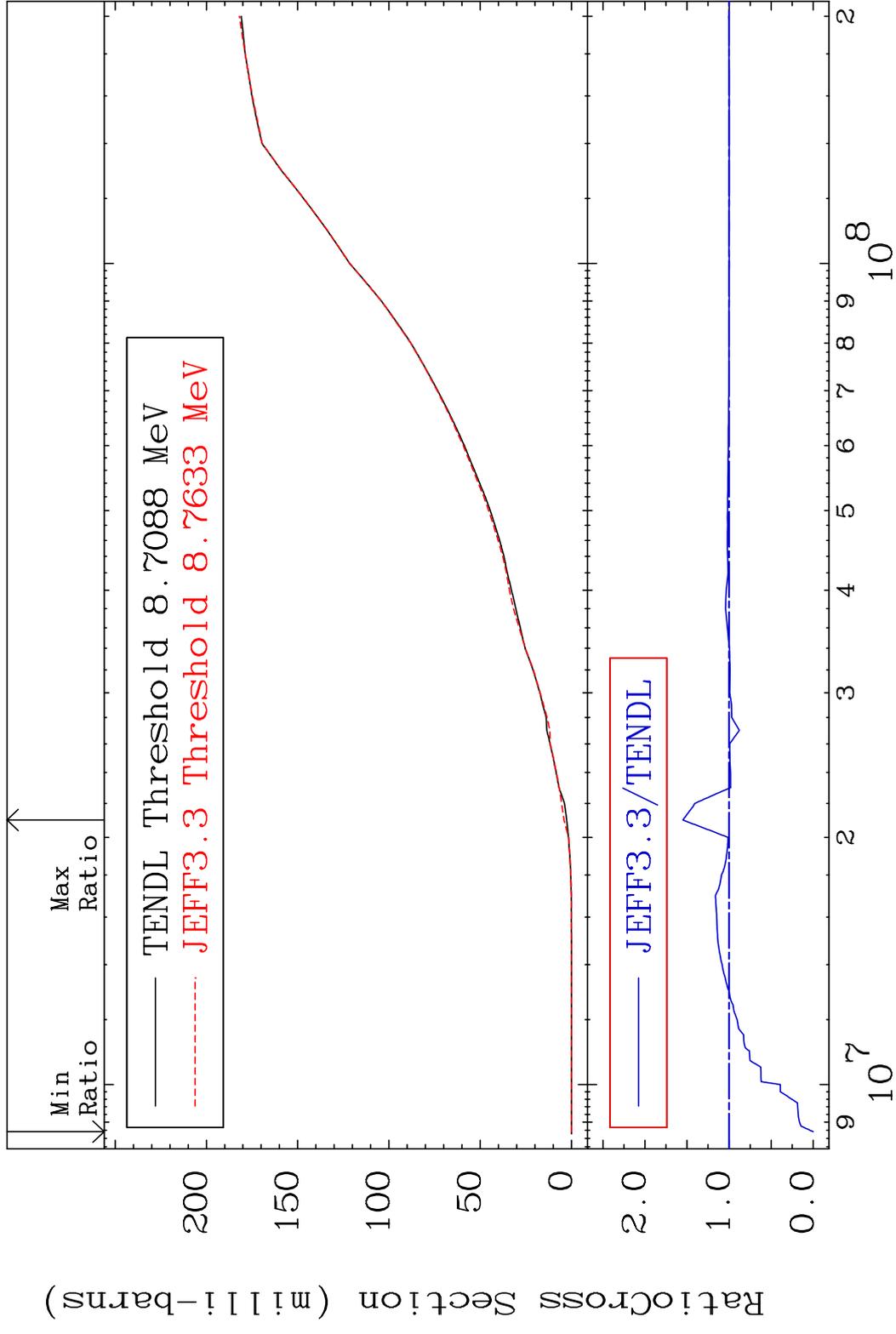


MAT 1625

He-3 Production

16-S -32

Cross Section -100.0 To 55.03 %



52

Incident Energy (eV)

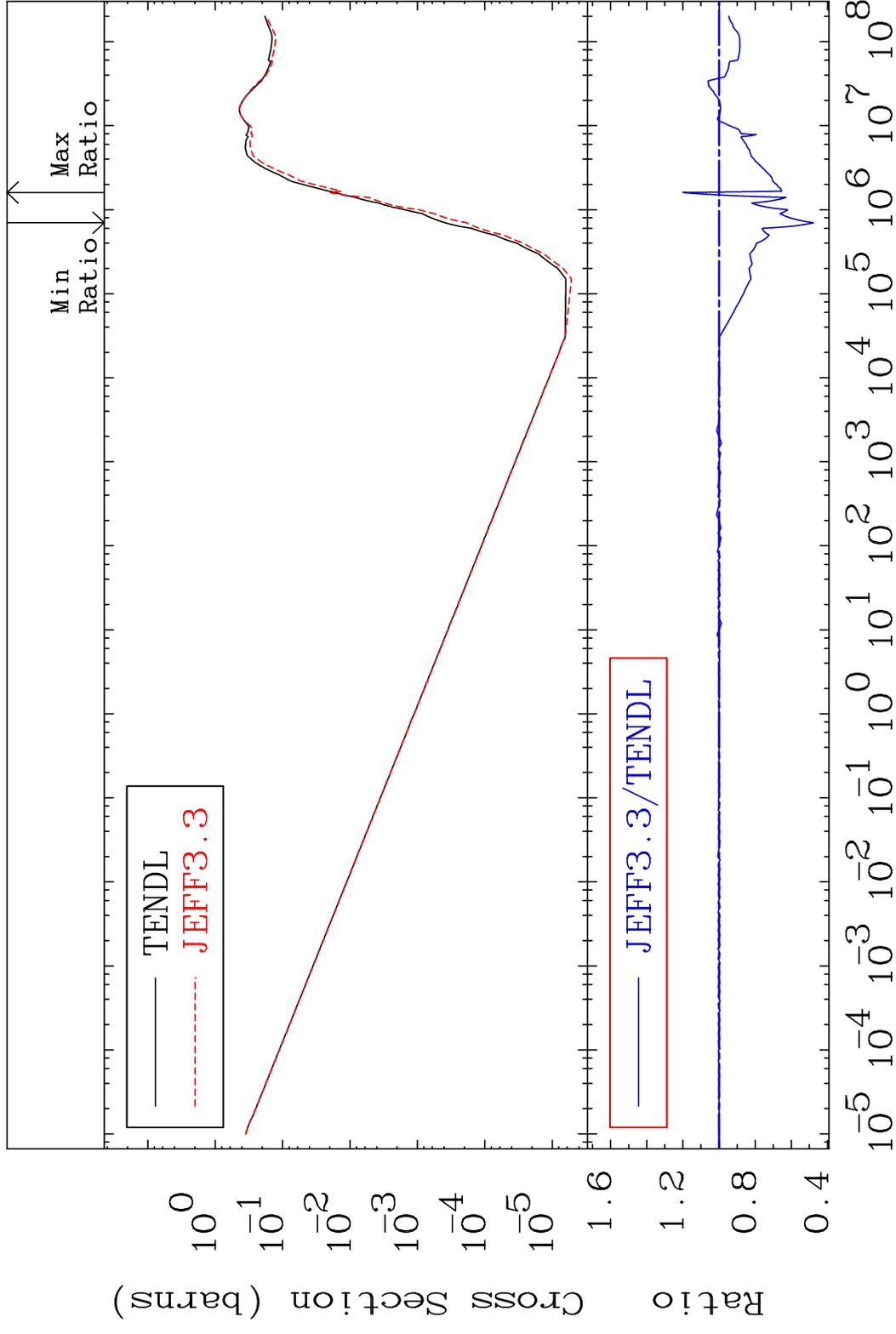
16-S -32

MAT 1625

He-4 Production

16-S -32

Cross Section -52.07 To 20.04 %

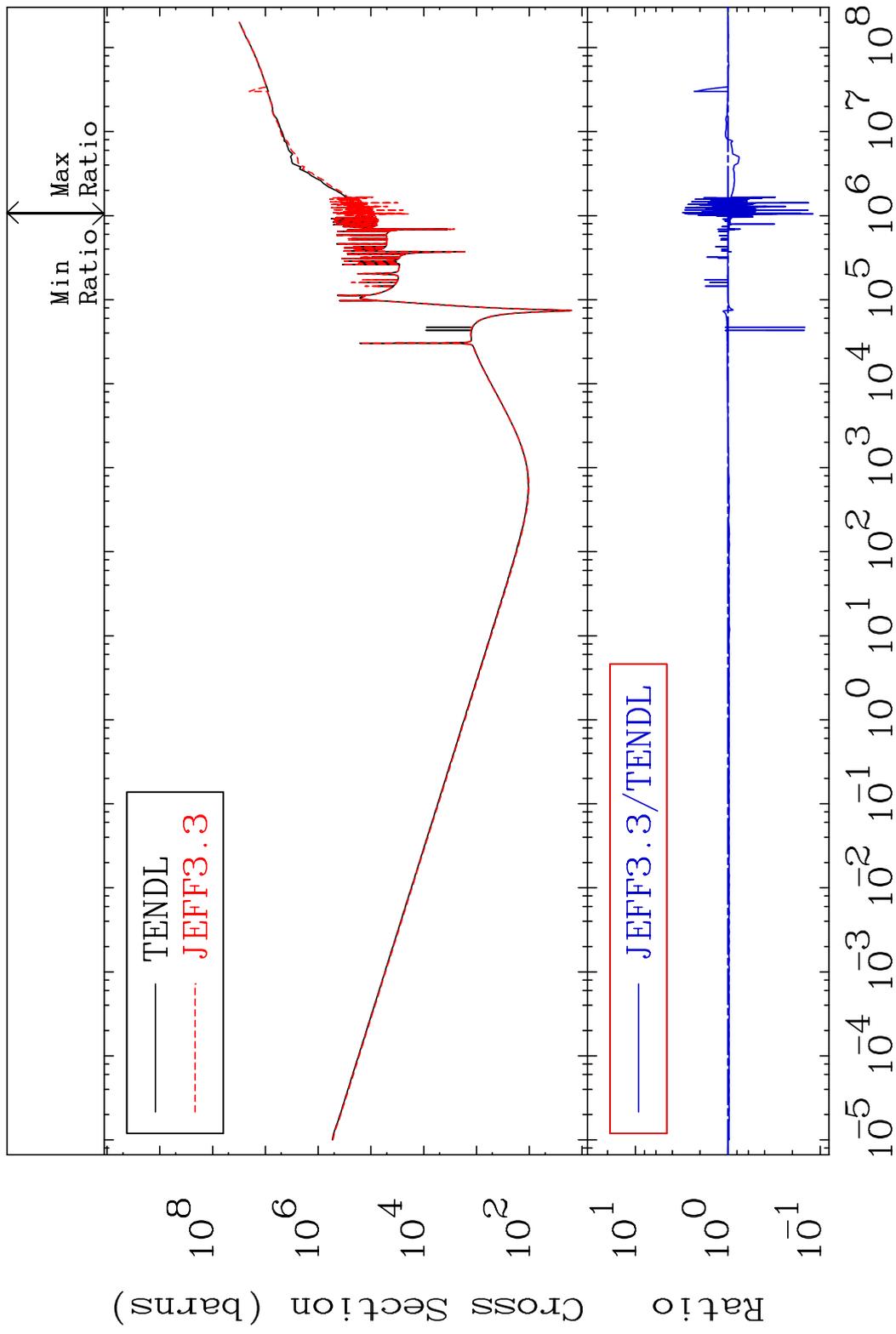


53

Incident Energy (eV)

16-S -32

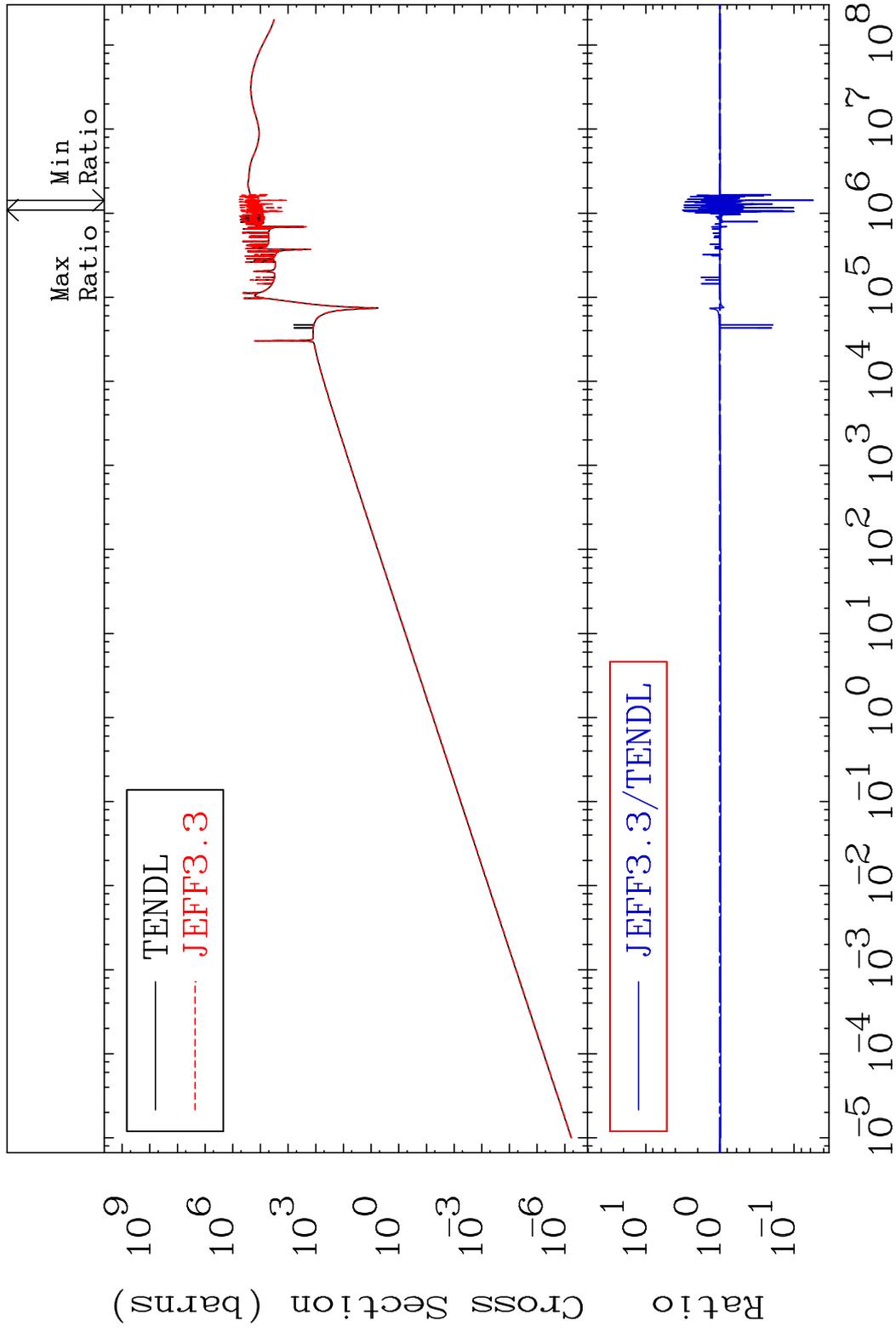
MAT 1625 Kerma total (eV-barns) 16-S -32  
 Cross Section -88.04 To 207.4 %



MAT 1625

Kerma elastic  
Cross Section

16-S -32  
-94.46 To 216.7 %

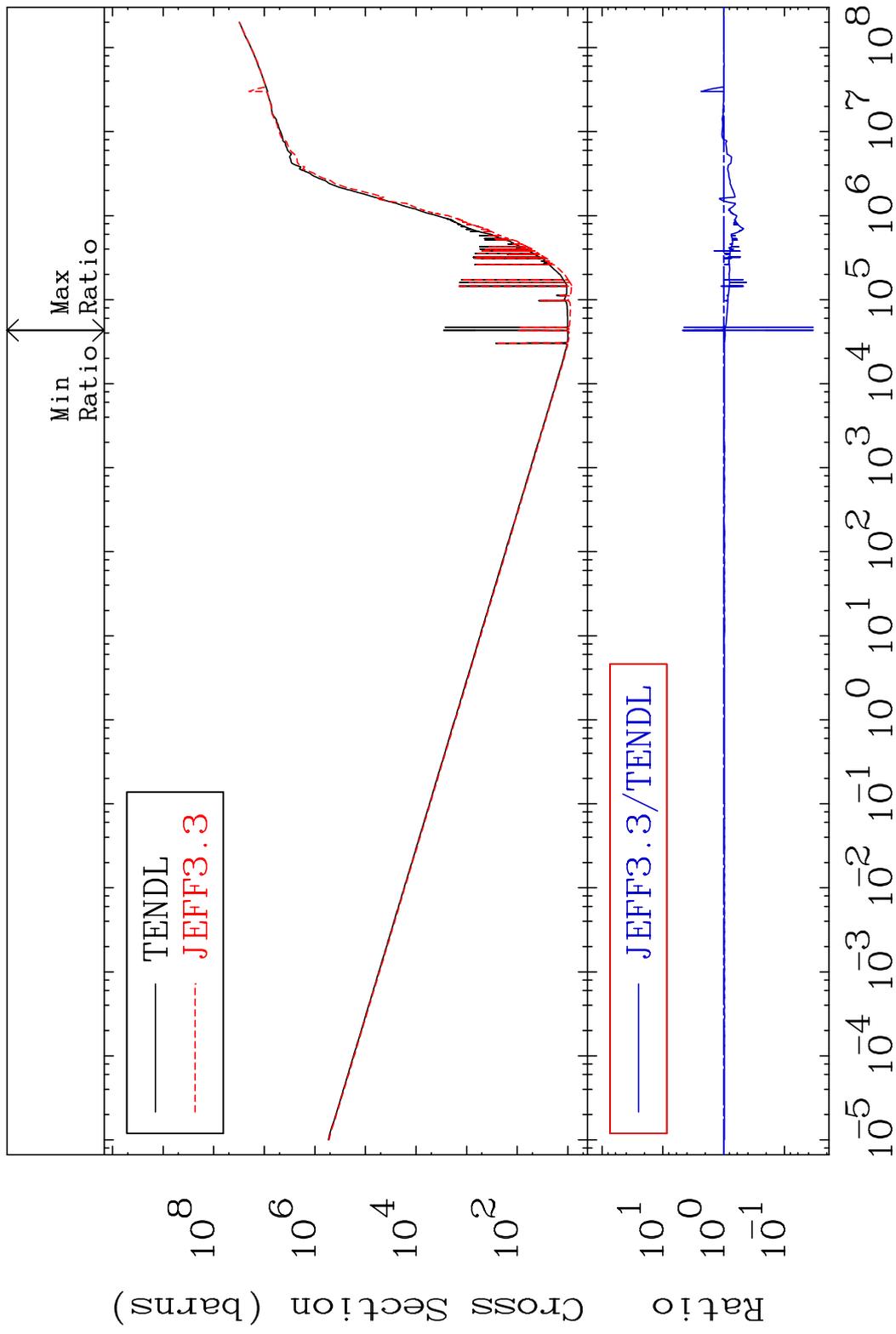


55

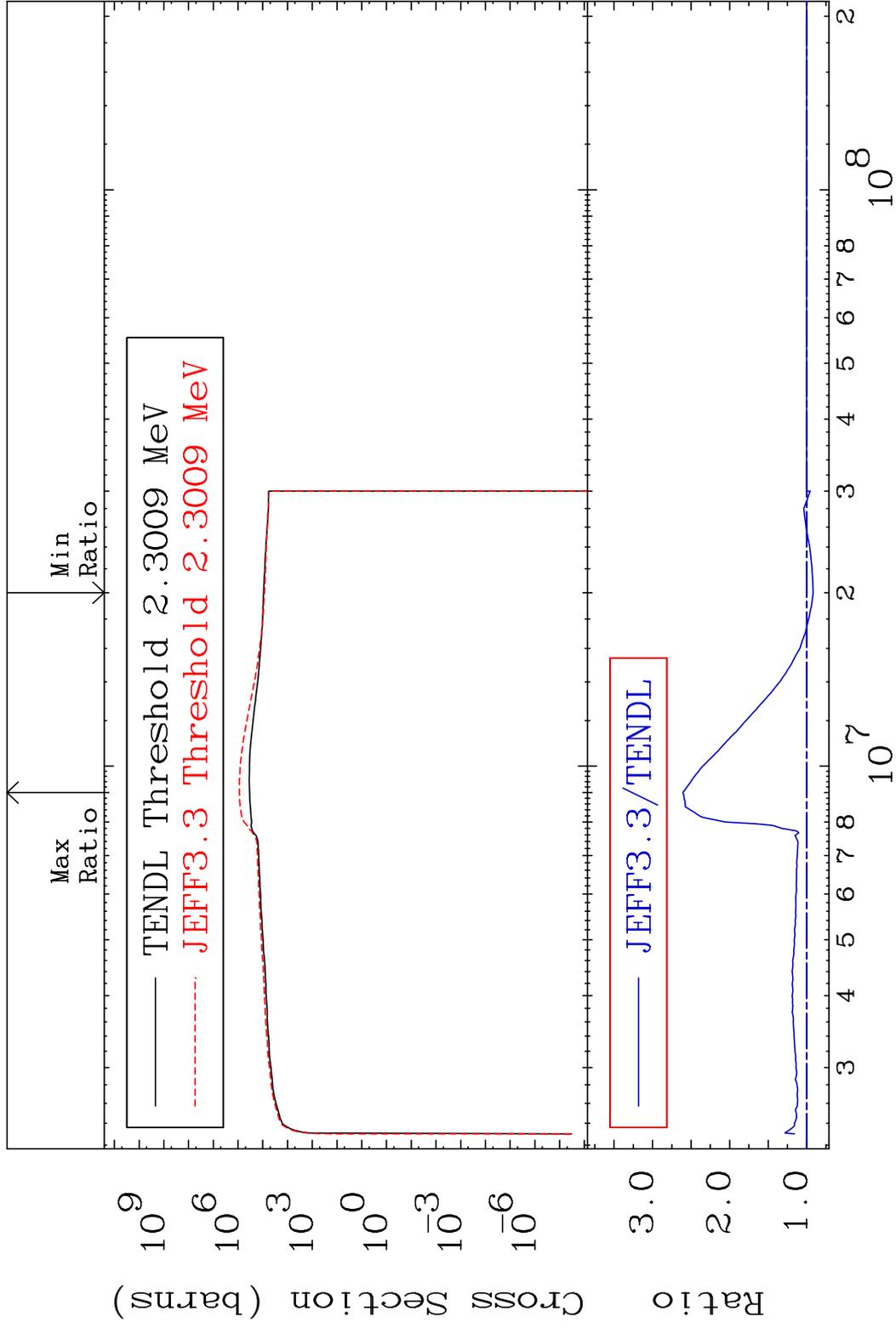
Incident Energy (eV)

16-S -32

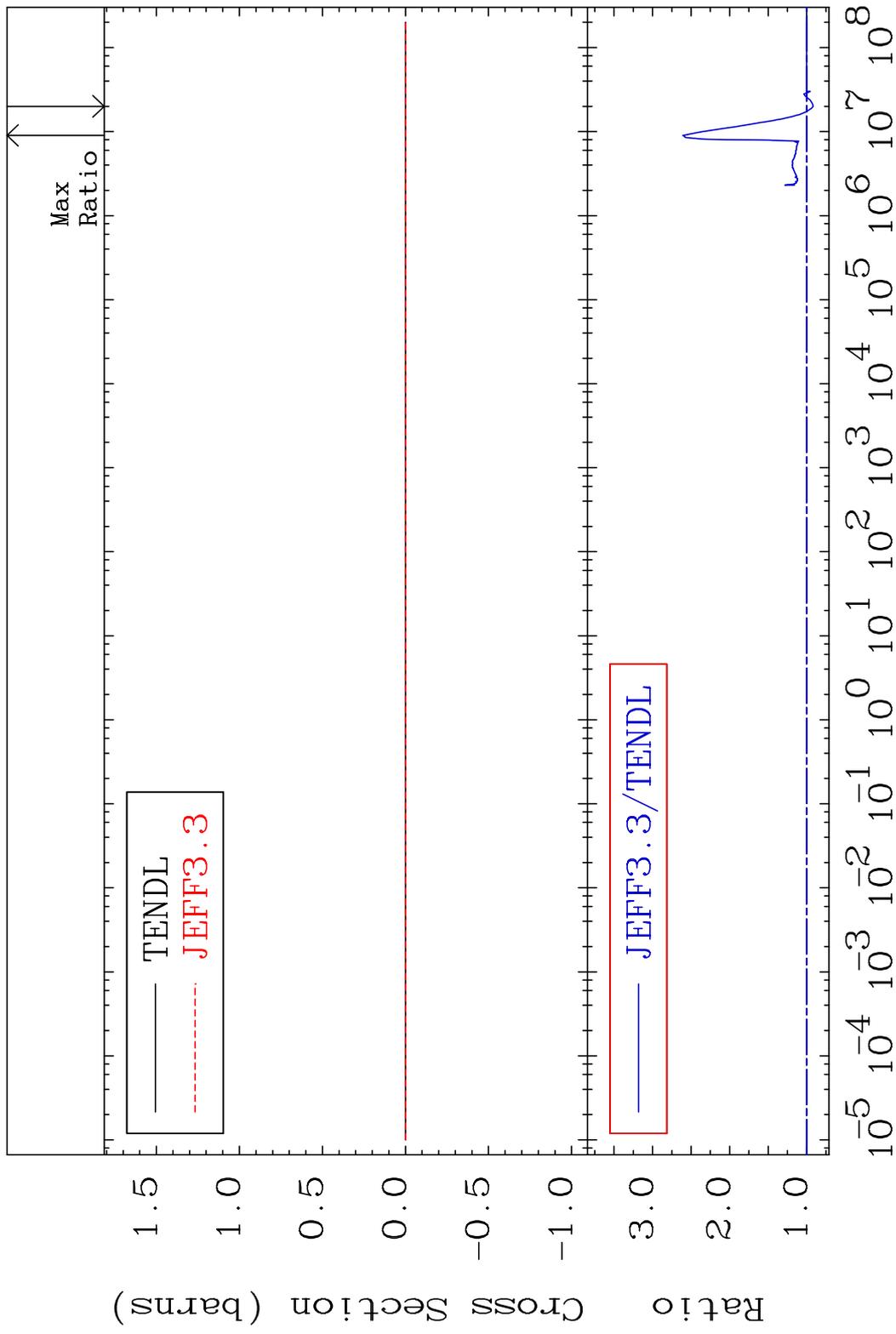
MAT 1625 Kerma non-elastic (all but mt2) 16-S -32  
 Cross Section -96.64 To 369.5 %



MAT 1625 Kerma inelastic (mt51-91) 16-S -32  
 Cross Section -8.410 To 160.7 %

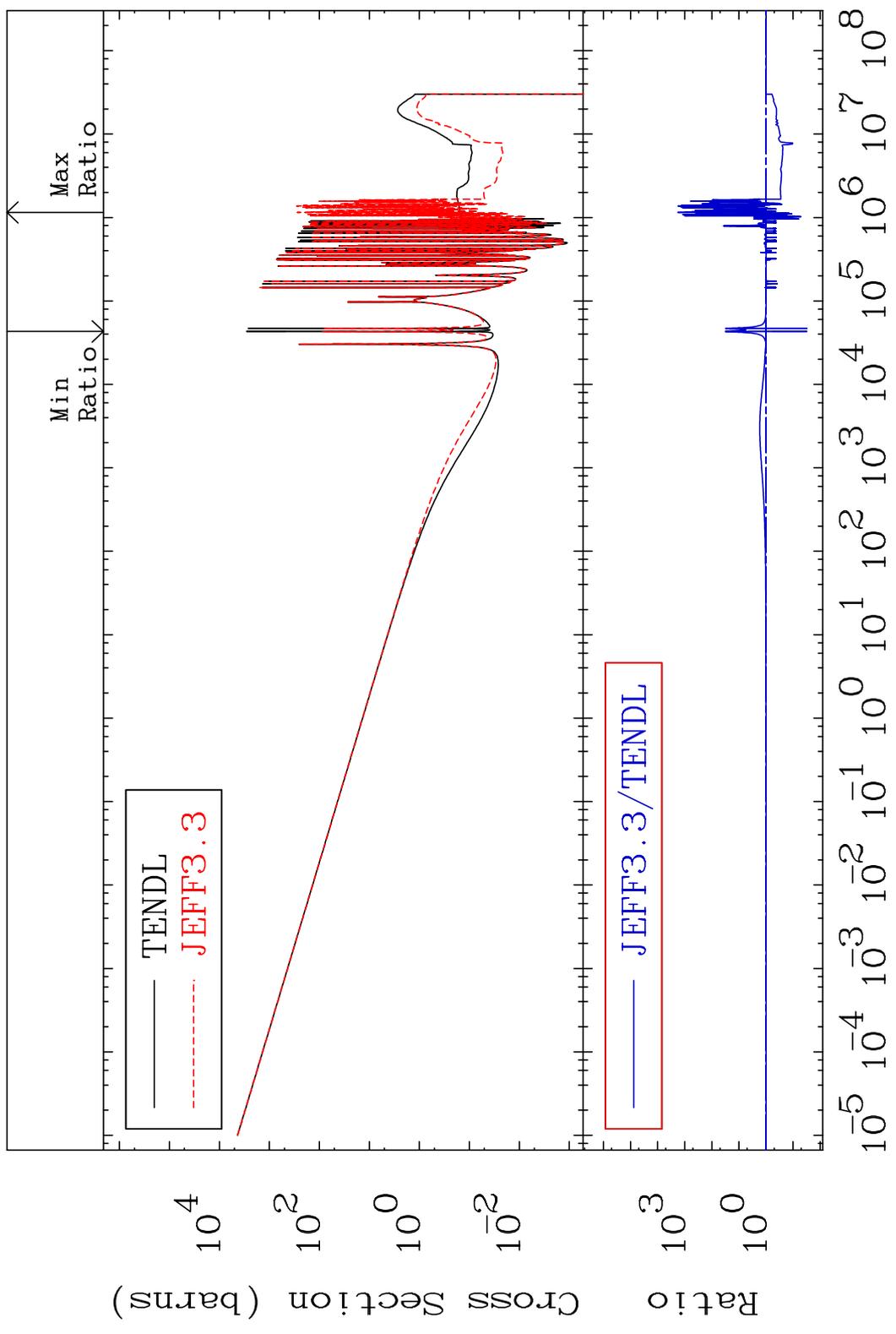


MAT 1625 Kerma fission (mt18 or mt19-20-21-38) 16-S -32  
 Cross Section -8.410 To 160.7 %



MAT 1625

Kerma capture (mt102) 16-S -32  
Cross Section -96.95 To 9999. %



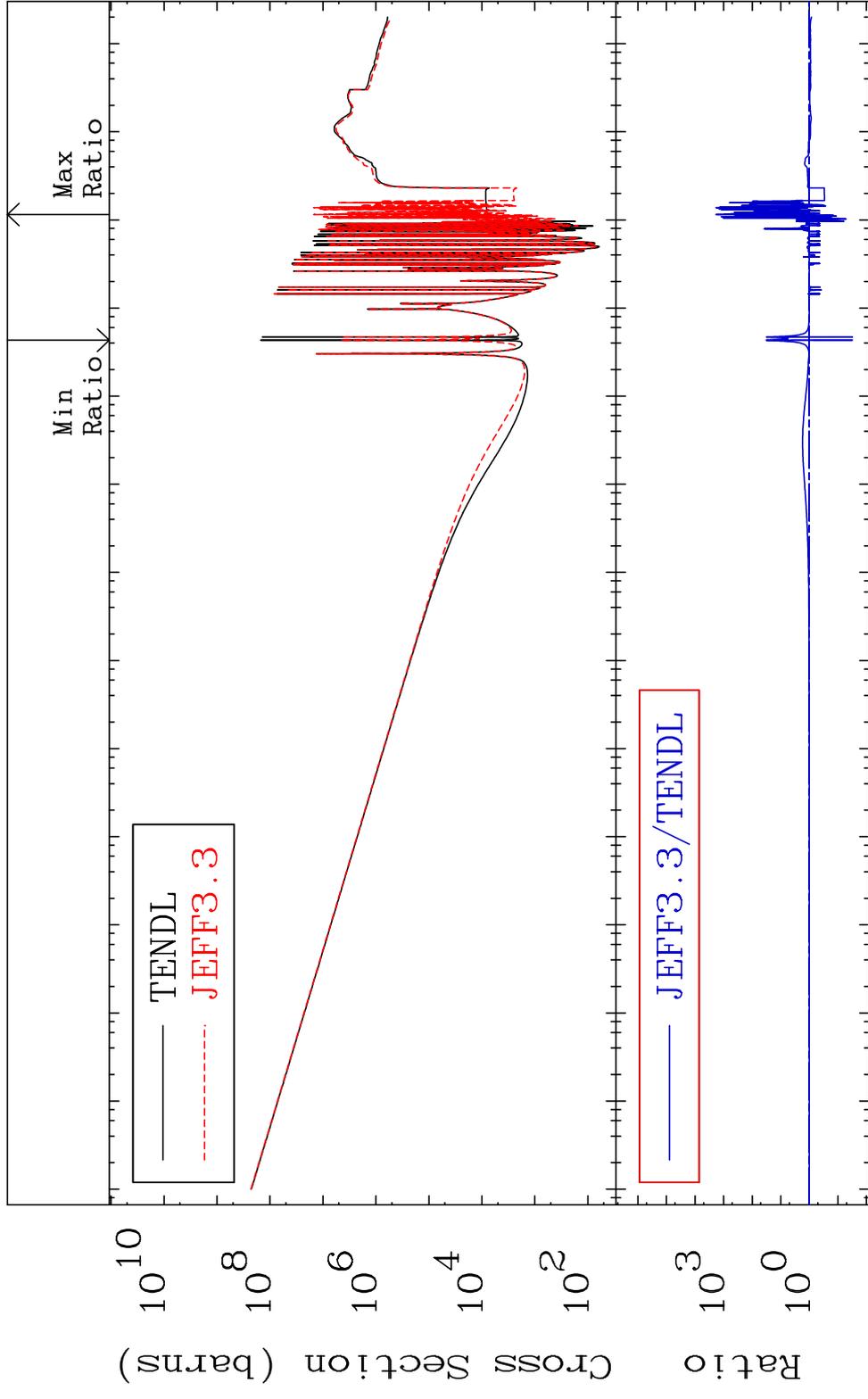
59

Incident Energy (eV)

16-S -32

MAT 1625

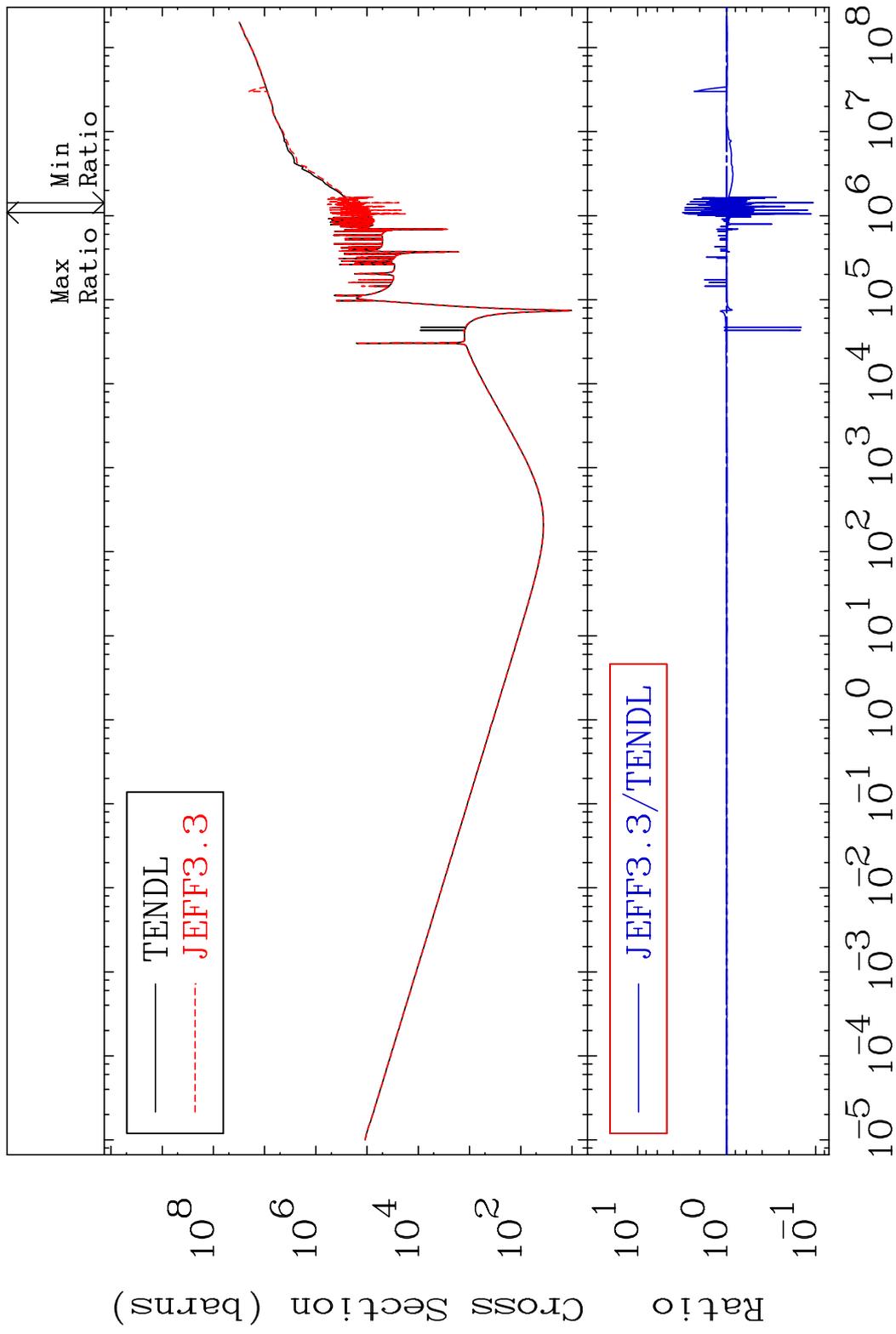
Total photon (eV-barns) 16-S -32  
Cross Section -96.91 To 9999. %



60

Incident Energy (eV) 16-S -32

MAT 1625 Total kinematic kerma (high limit) 16-S -32  
 Cross Section -89.30 To 210.4 %

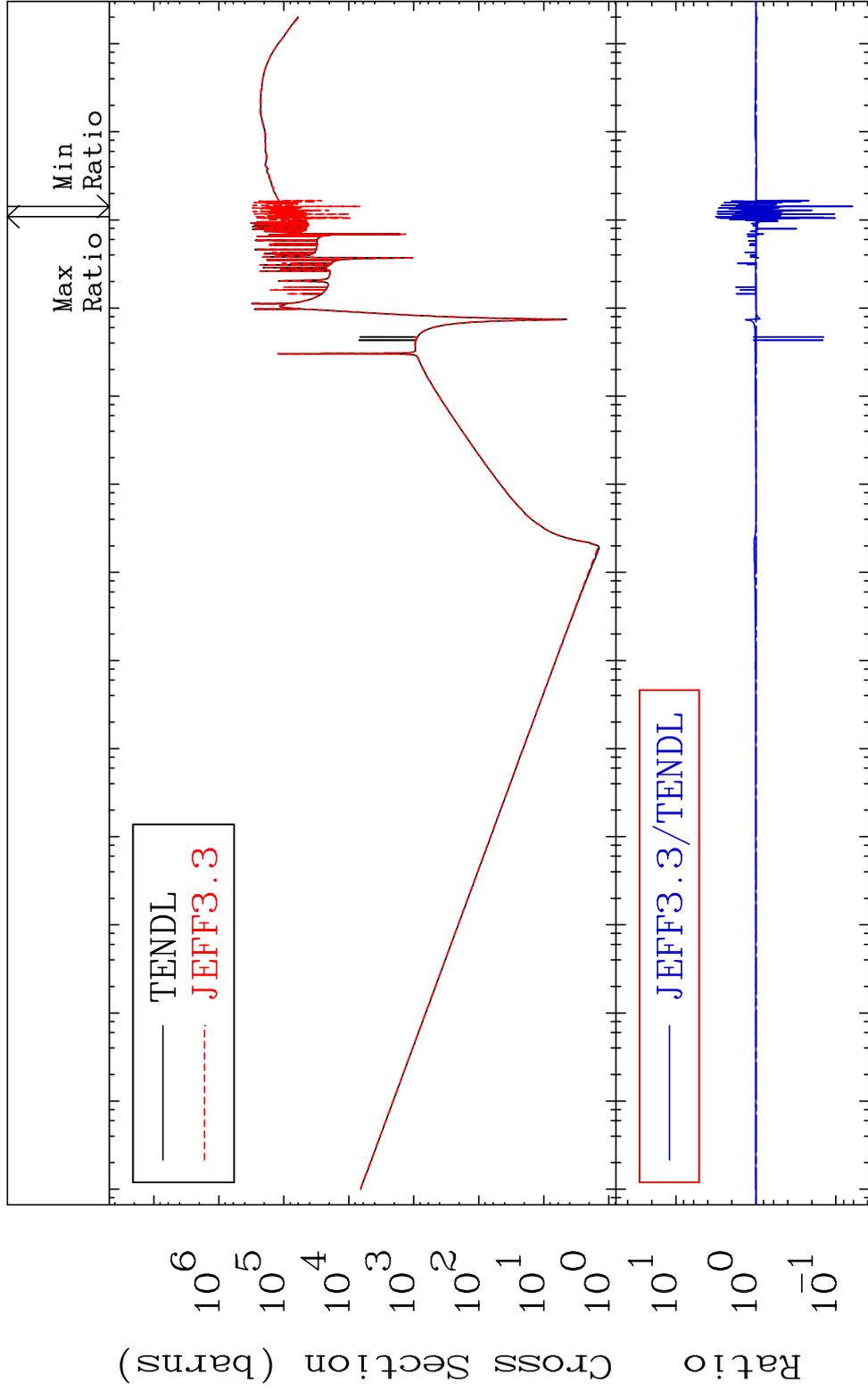


MAT 1625

Dpa total (eV-barns)

16-S -32

Cross Section -93.81 To 216.0 %

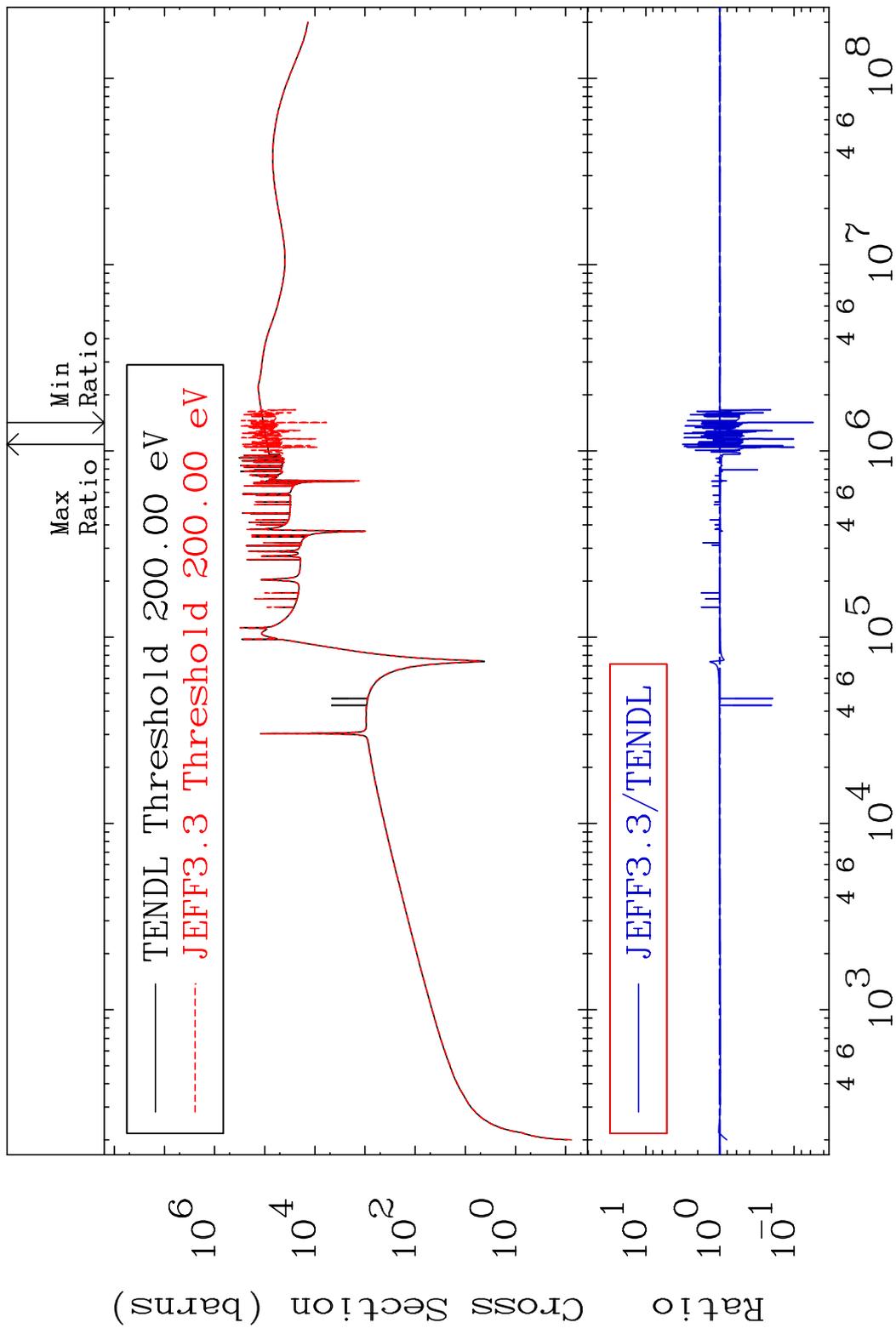


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Incident Energy (eV)

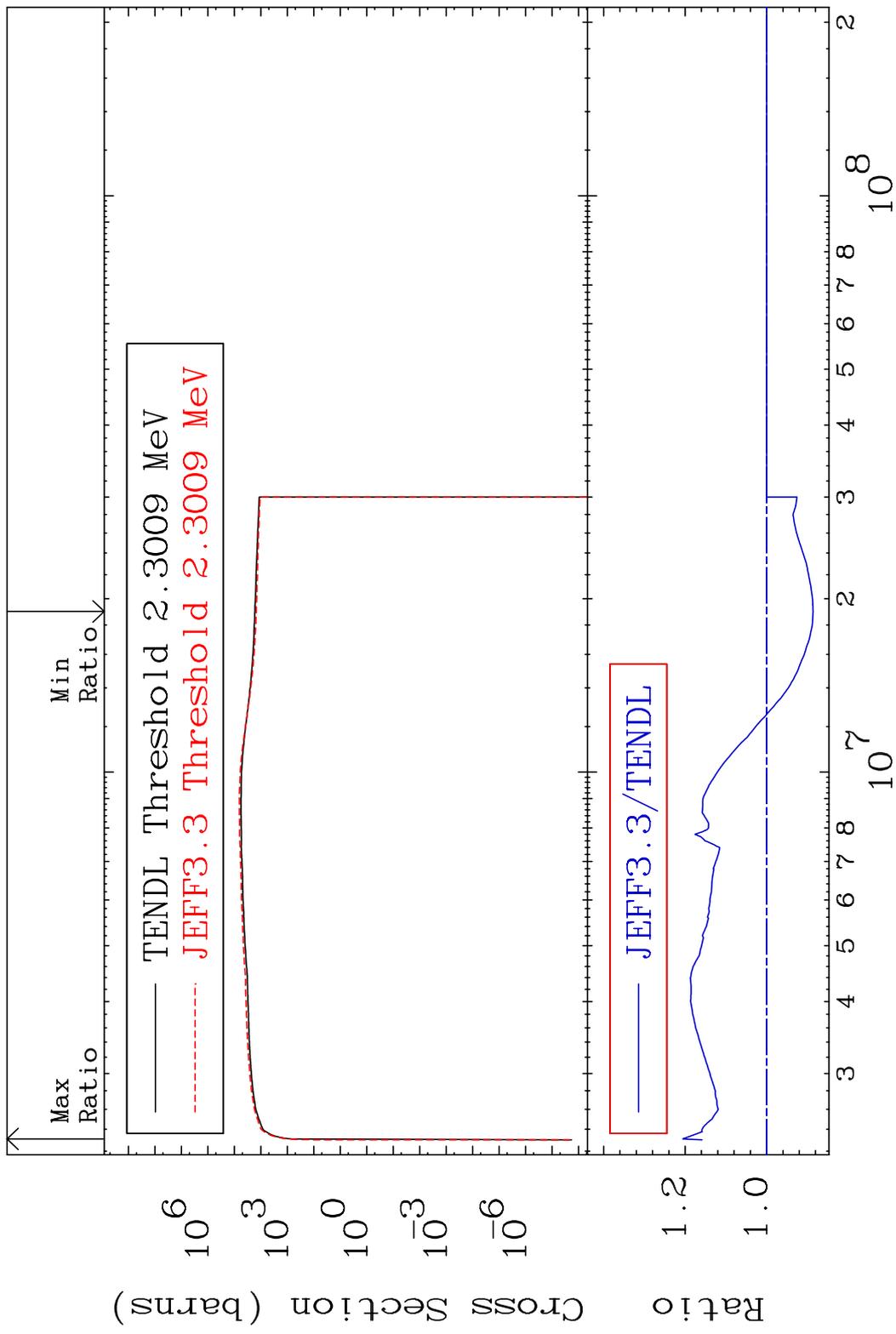
16-S -32

MAT 1625 Dpa elastic (mt2) 16-S -32  
 Cross Section -94.46 To 216.6 %

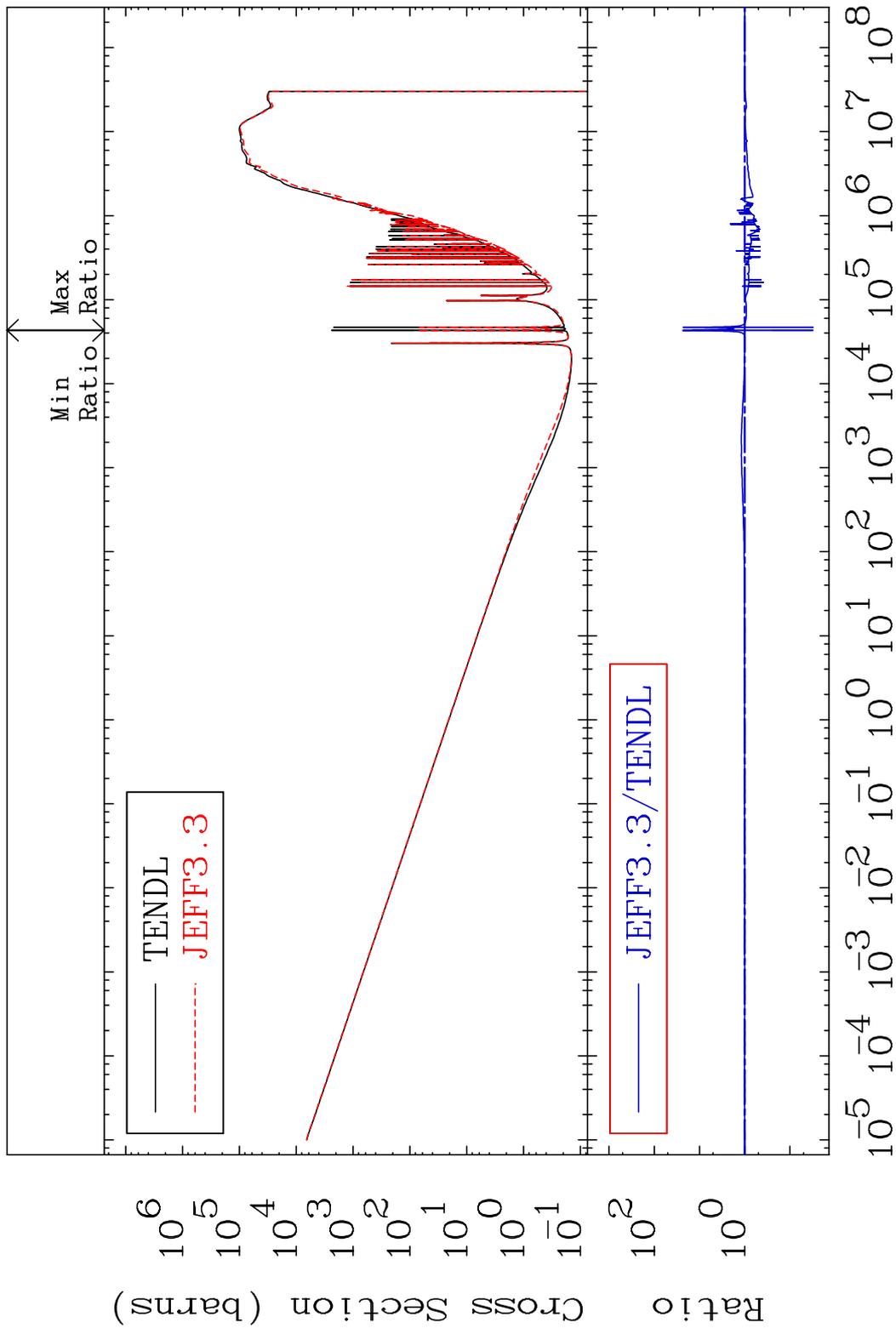


63 Incident Energy (eV) 16-S -32

MAT 1625 Dpa inelastic (mt51-91) 16-S -32  
 Cross Section -11.41 To 20.57 %



MAT 1625 Dpa disappearance (mt102 -120) 16-S -32  
 Cross Section -96.93 To 2232. %



65 Incident Energy (eV) 16-S -32