

Program Complot  
(Version 2021-1)

by

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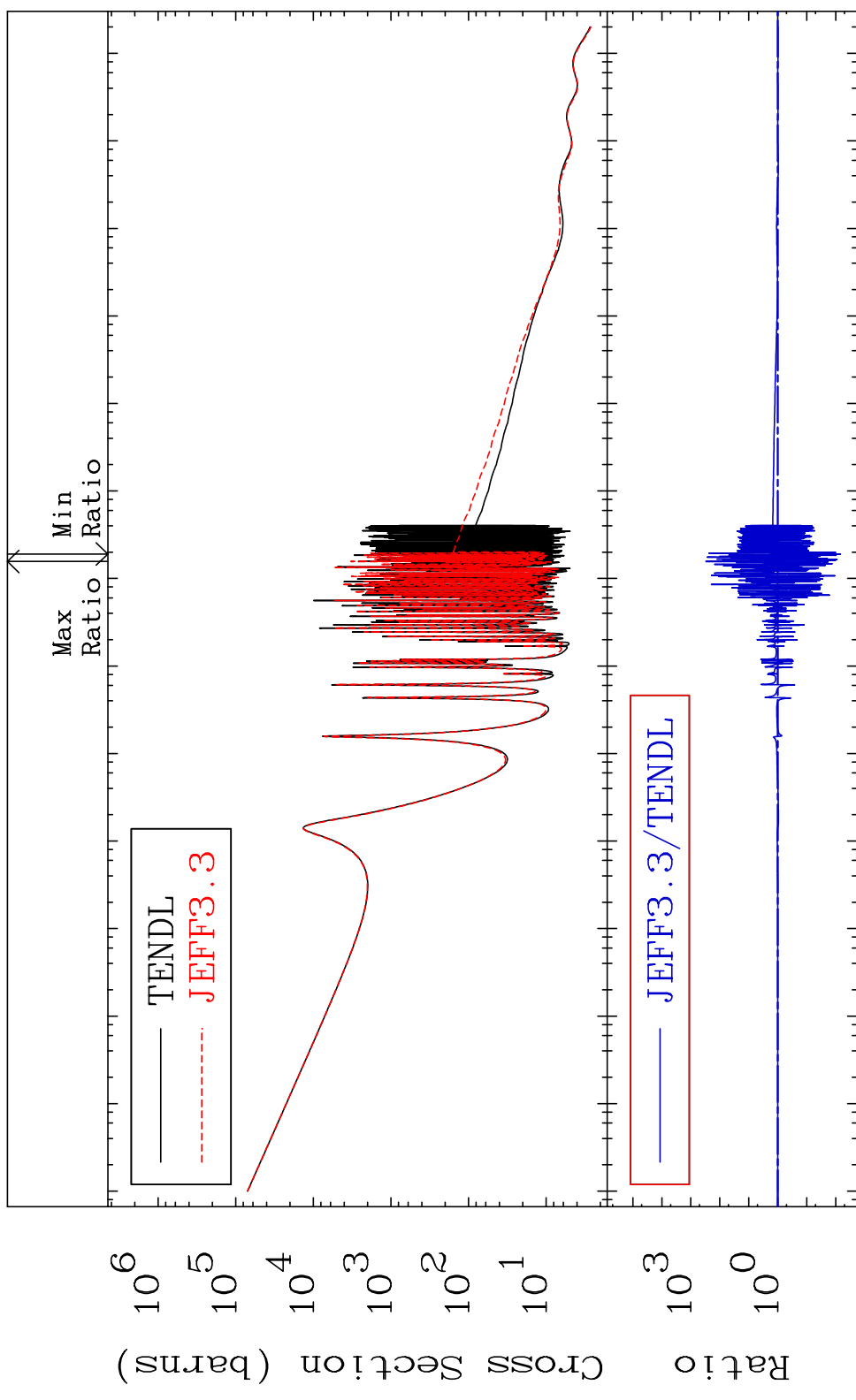
Press Mouse Button to Start

MAT 7128

Total

71-Lu-176

Cross Section -99.31 To 9999. %



1

Incident Energy (eV)

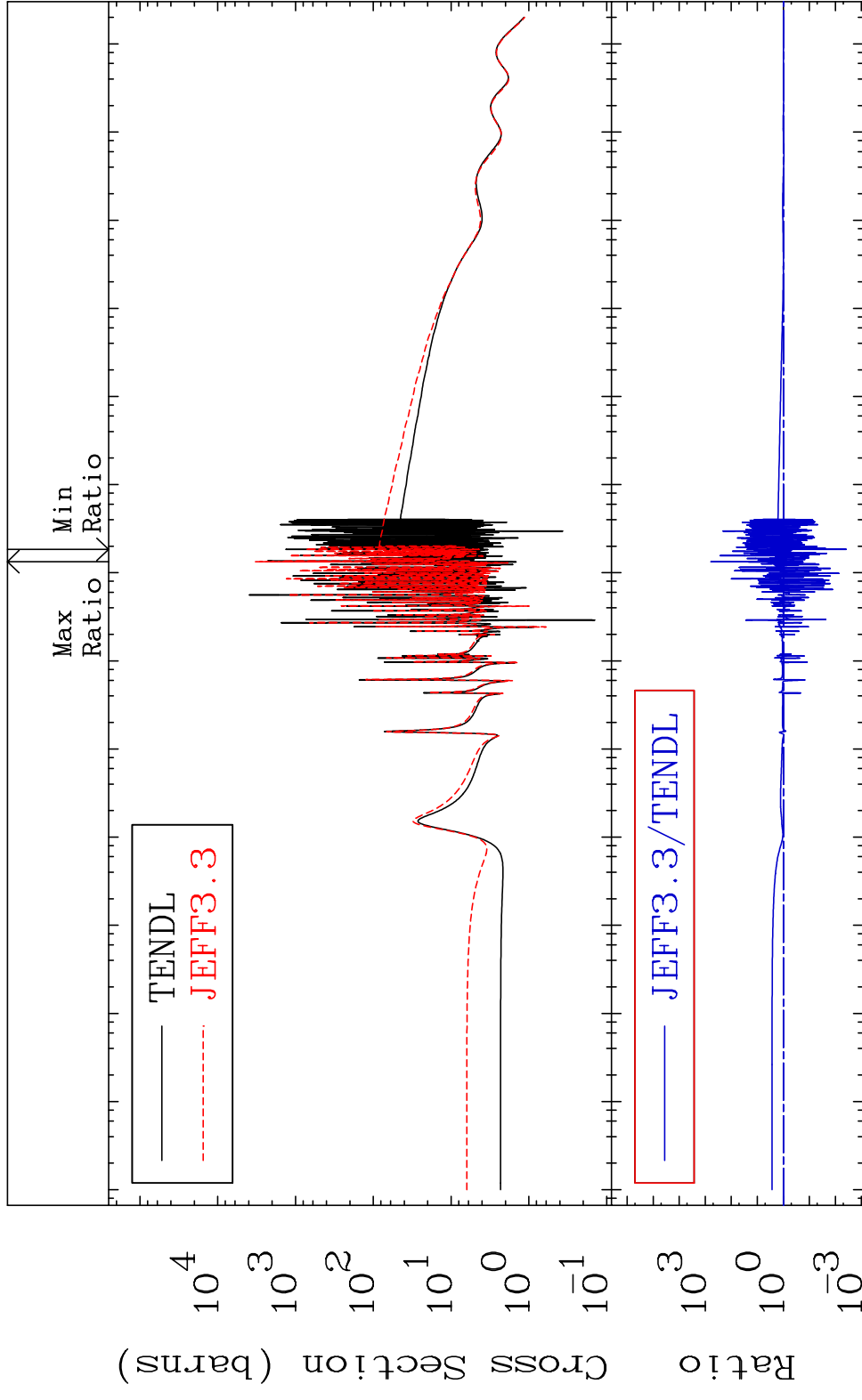
71-Lu-176

MAT 7128

71-Lu-176

Elastic

Cross Section -99.62 To 9999. %

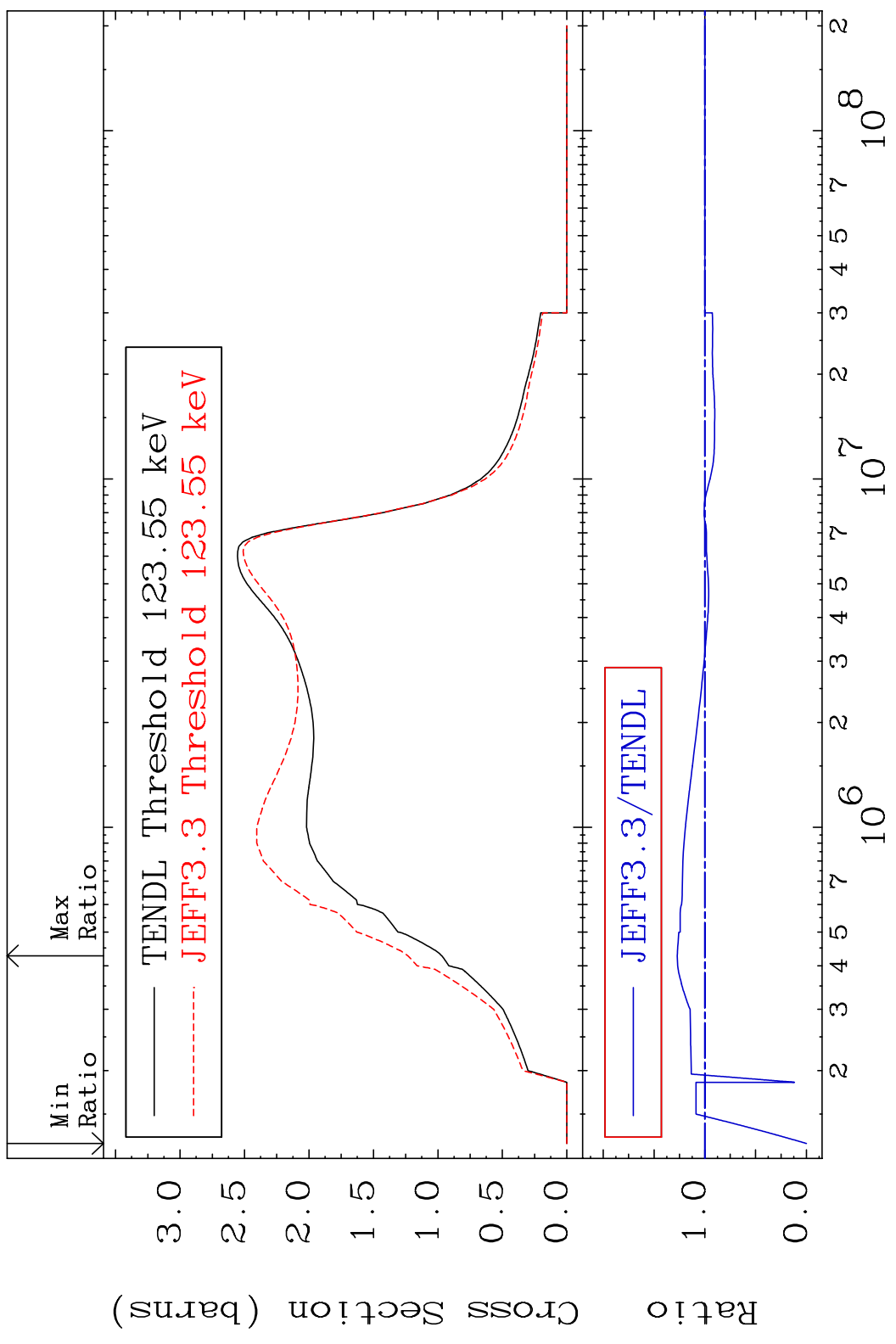


MAT 7128

Inelastic

71-Lu-176

Cross Section -100.0 To 27.21 %



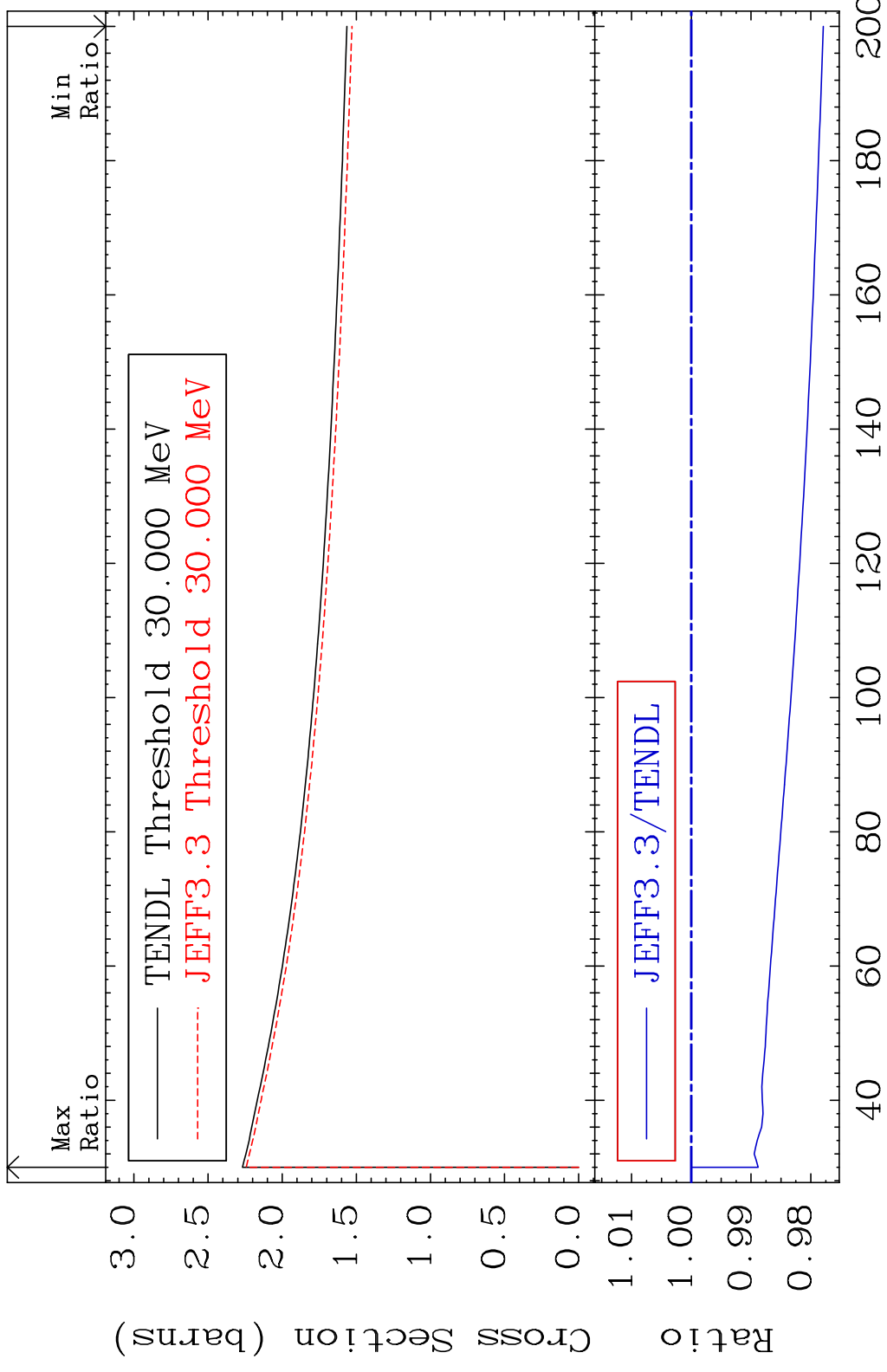
MAT 7128

(n, remainder)

71-Lu-176

Cross Section

-2.208 To 0.000 %

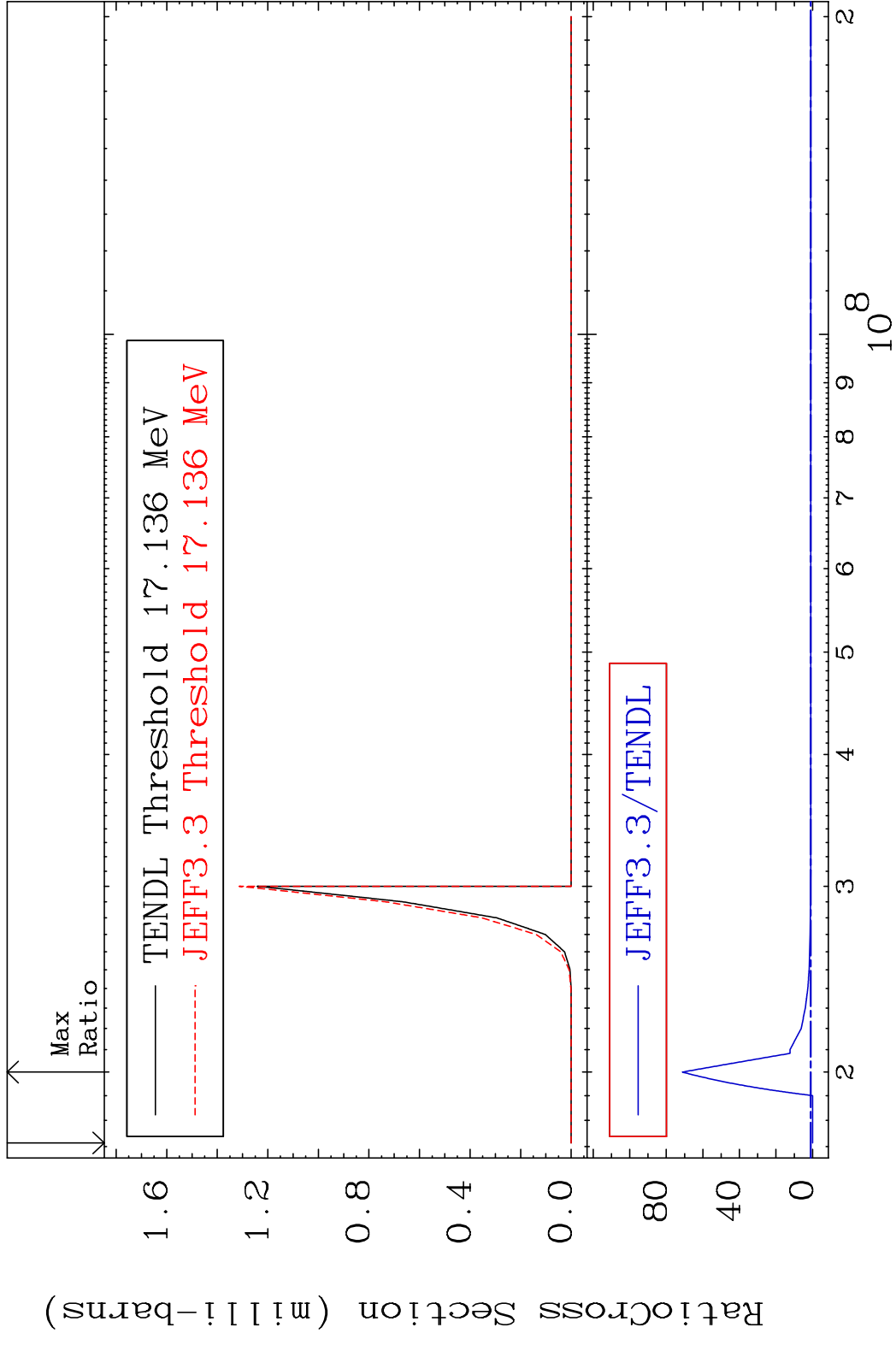


MAT 7128

(n,2n) d

71-Lu-176

Cross Section -100.0 To 7021. %

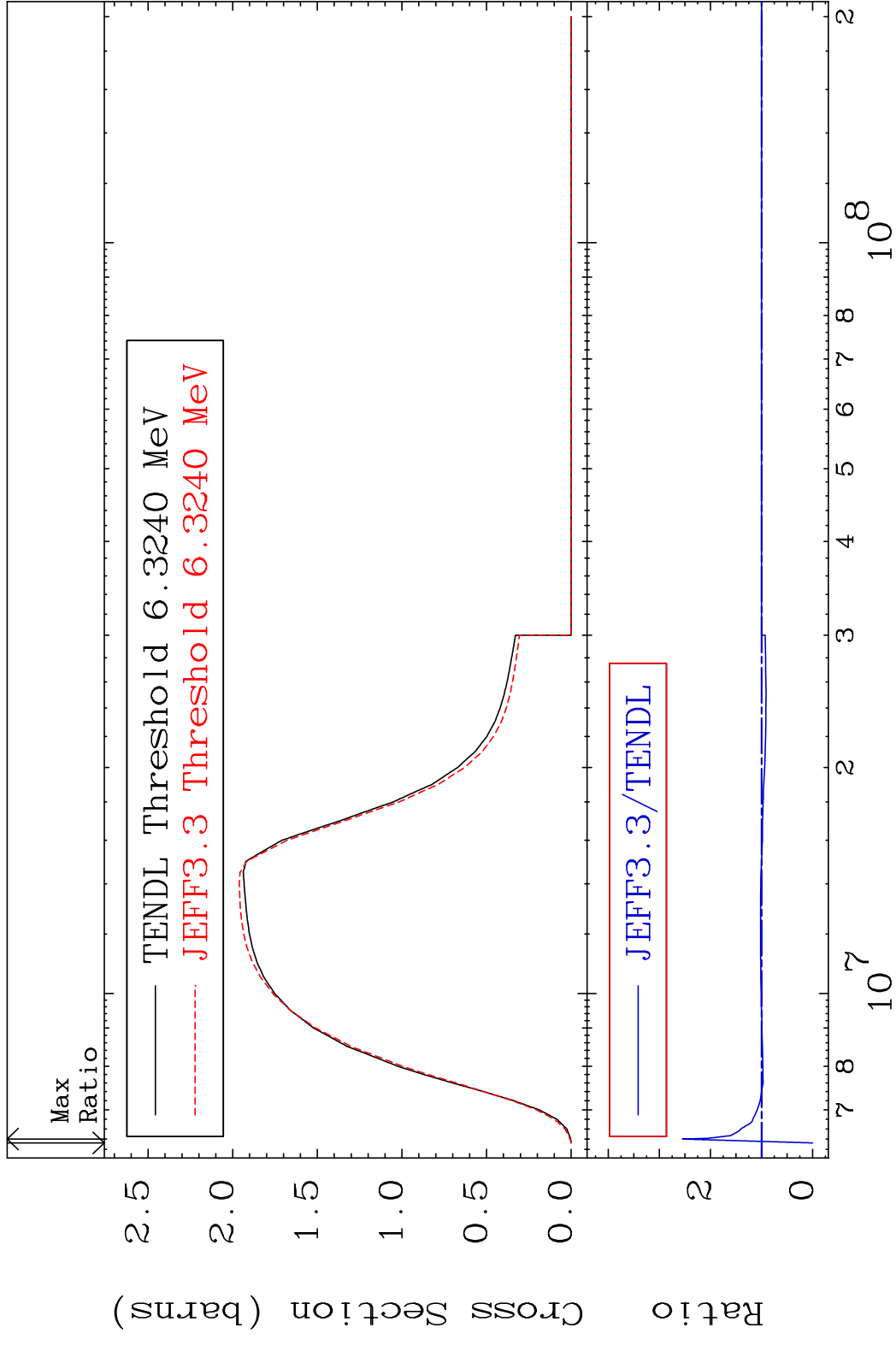


MAT 7128

(n,2n)

71-Lu-176

Cross Section -100.0 To 154.9 %

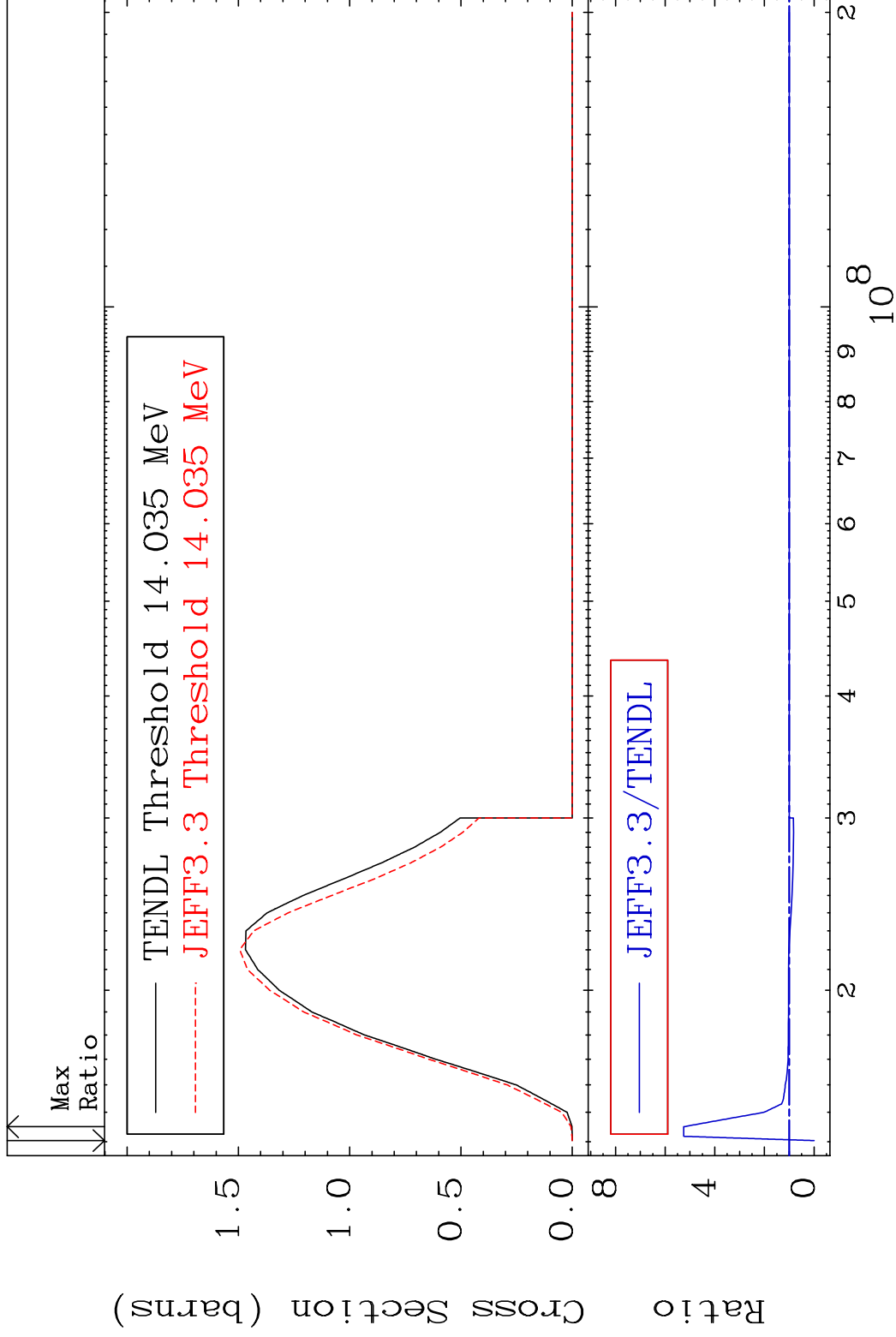


MAT 7128

(n,3n)

71-Lu-176

Cross Section -100.0 To 425.4 %



7

Incident Energy (eV)

71-Lu-176

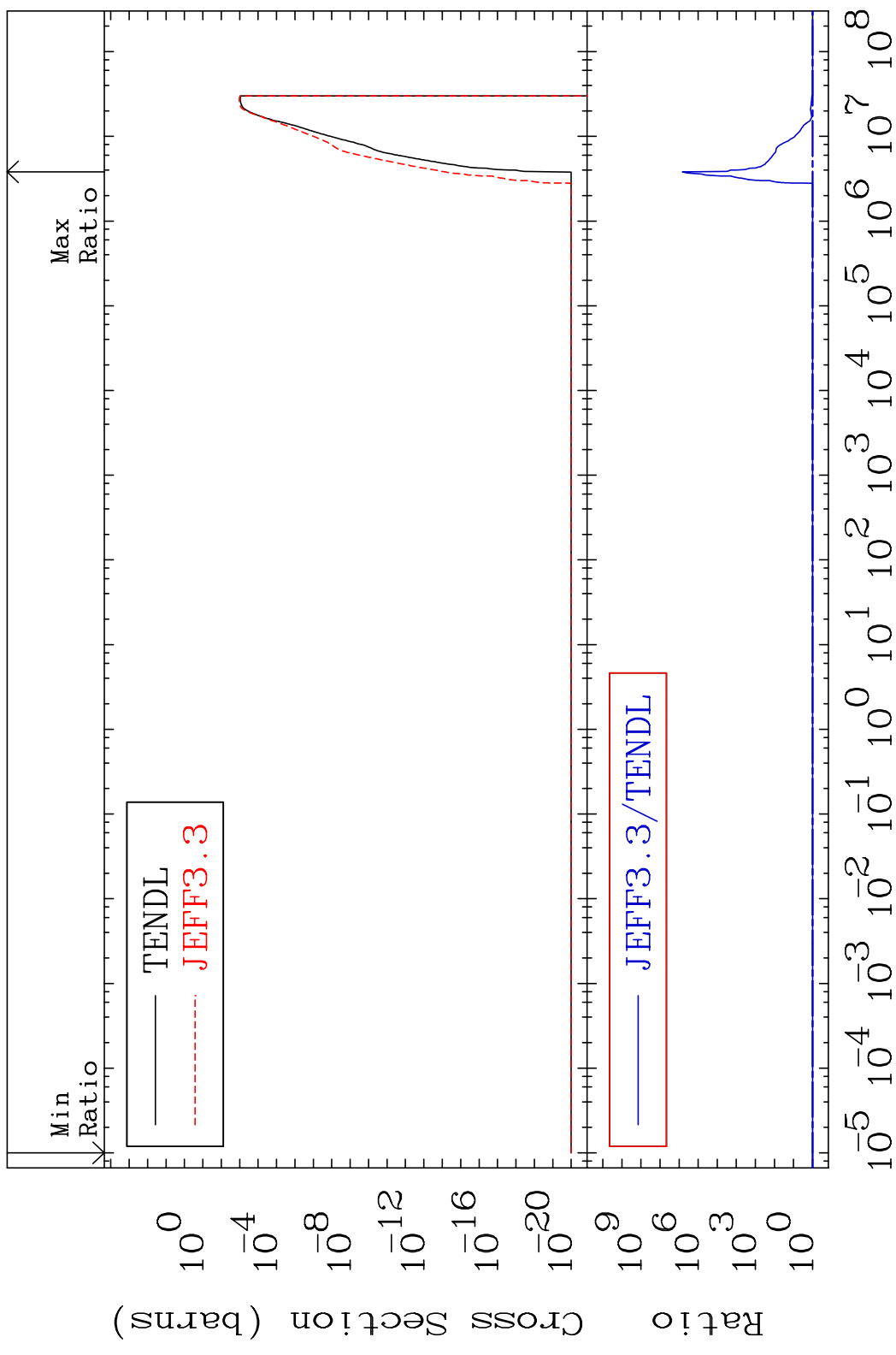


MAT 7128

(n, n')  $\alpha$

71-Lu-176

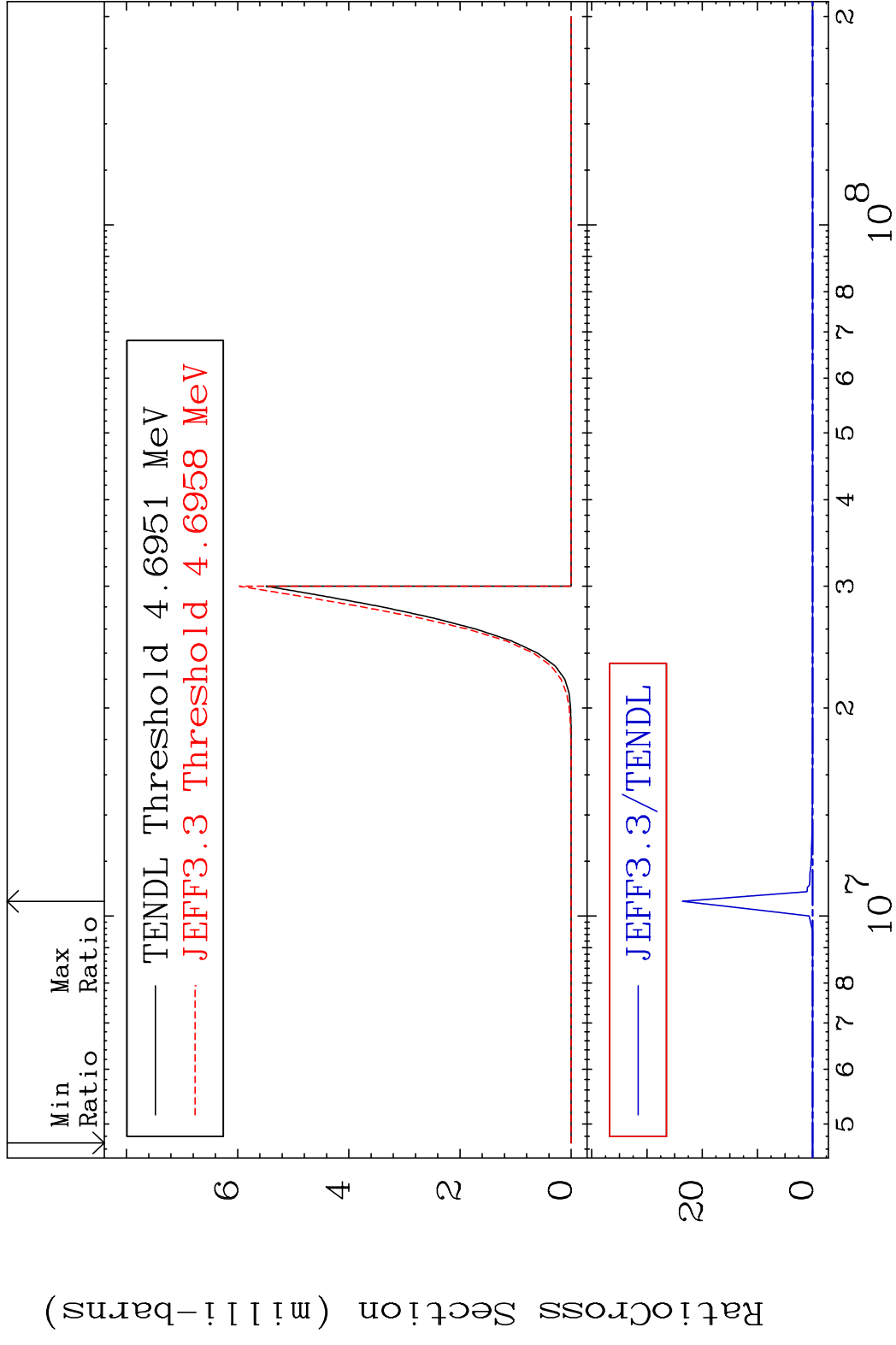
Cross Section 0.000 To 9999. %



MAT 7128

(n,2n)  $\alpha$  71-Lu-176

Cross Section -100.0 To 9999. %



9

Incident Energy (eV)

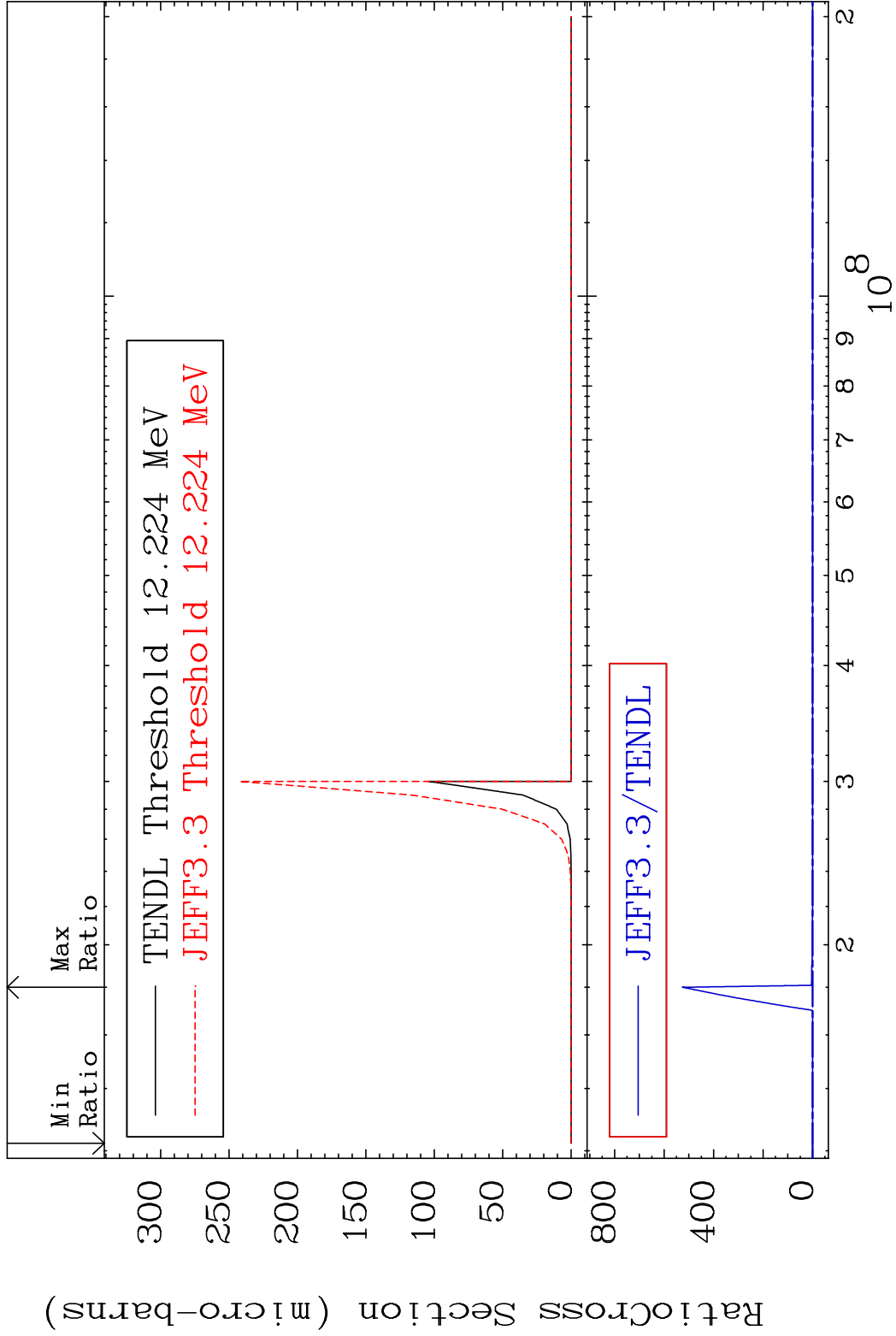
71-Lu-176

MAT 7128

(n,3n)  $\alpha$

71-Lu-176

Cross Section -100.0 To 9999. %



10

Incident Energy (eV)

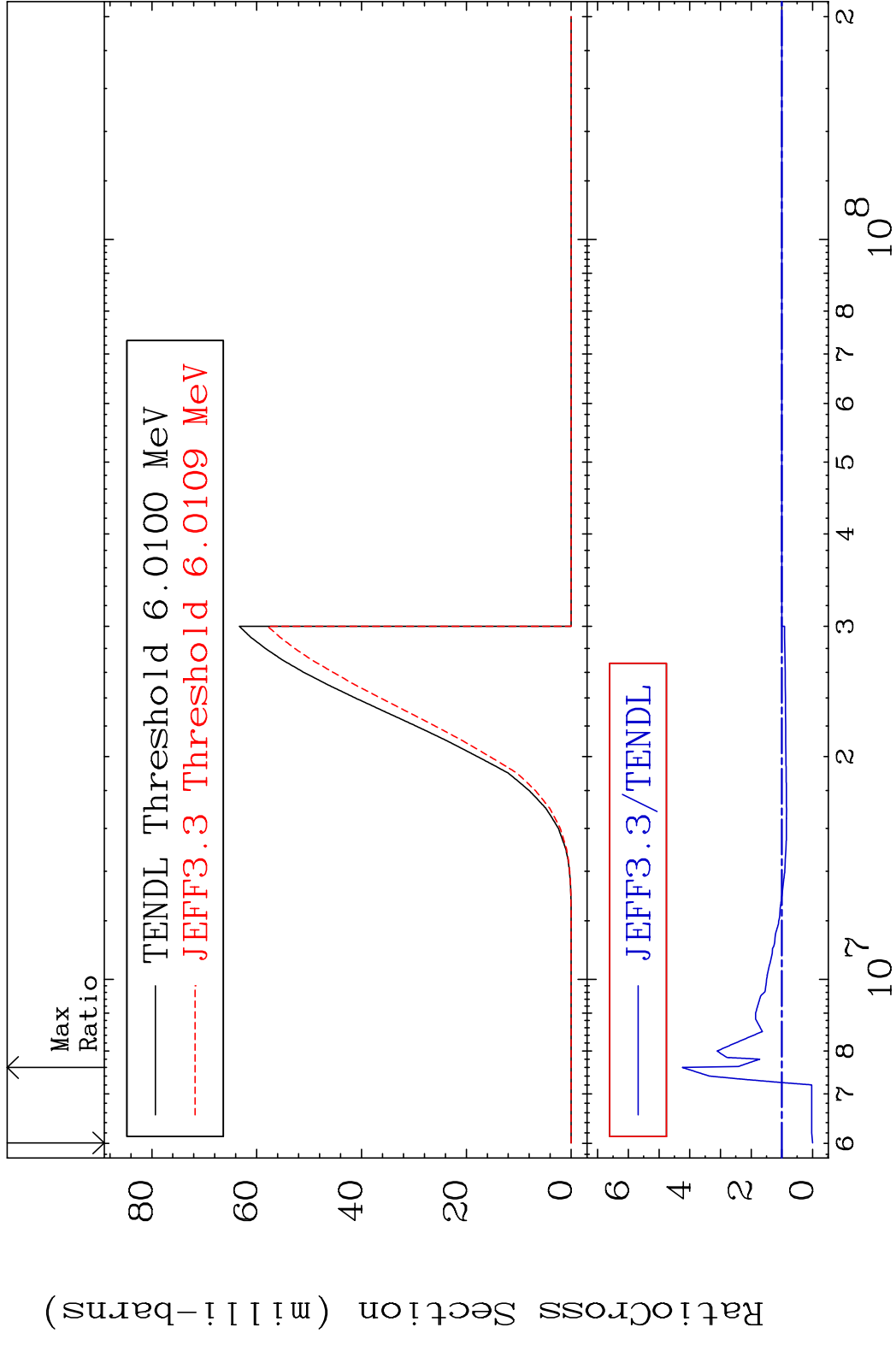
71-Lu-176

MAT 7128

(n, n') p

71-Lu-176

Cross Section -100.0 To 324.1 %

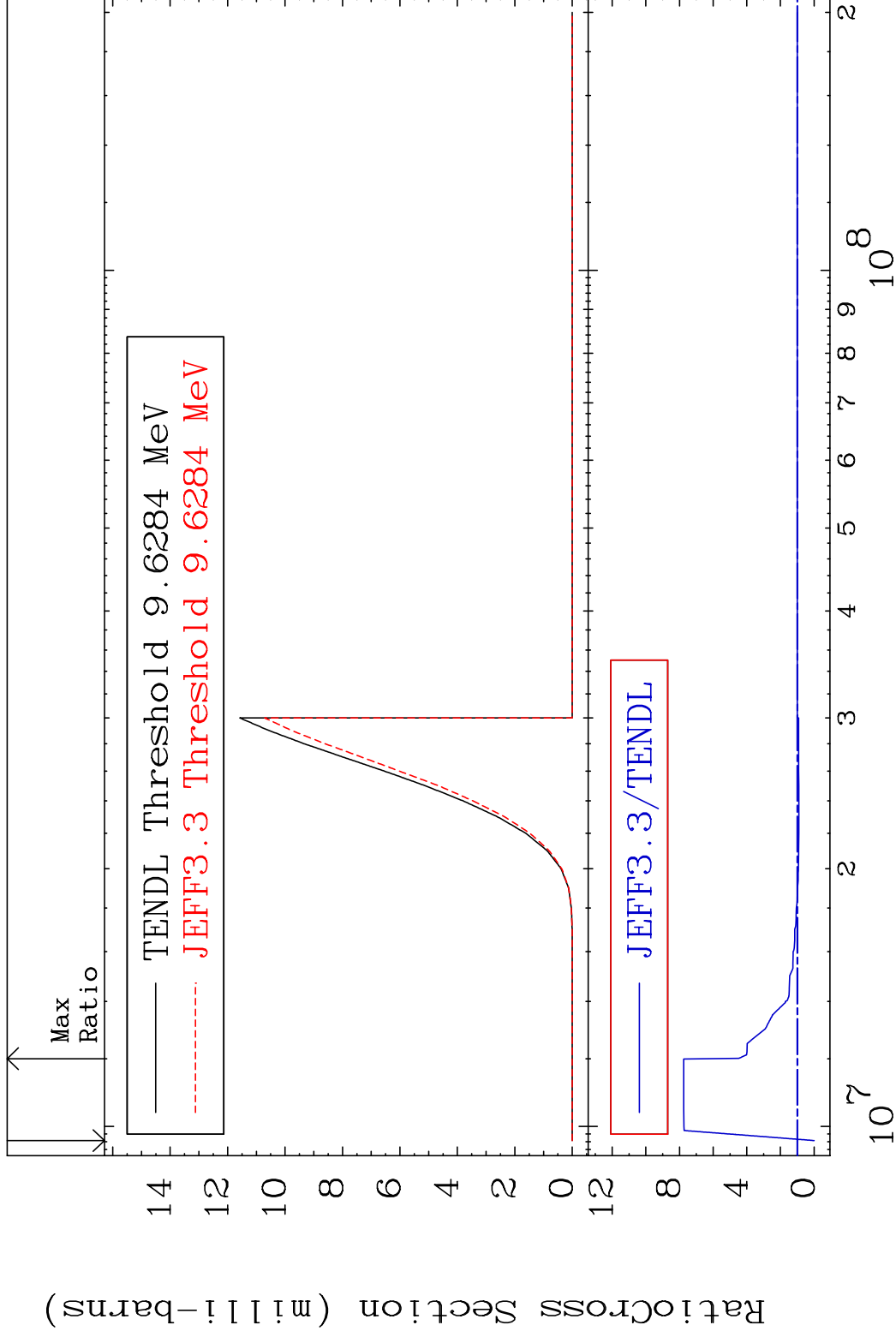


MAT 7128

(n, n') d

71-Lu-176

Cross Section -100.0 To 675.2 %



12

Incident Energy (eV)

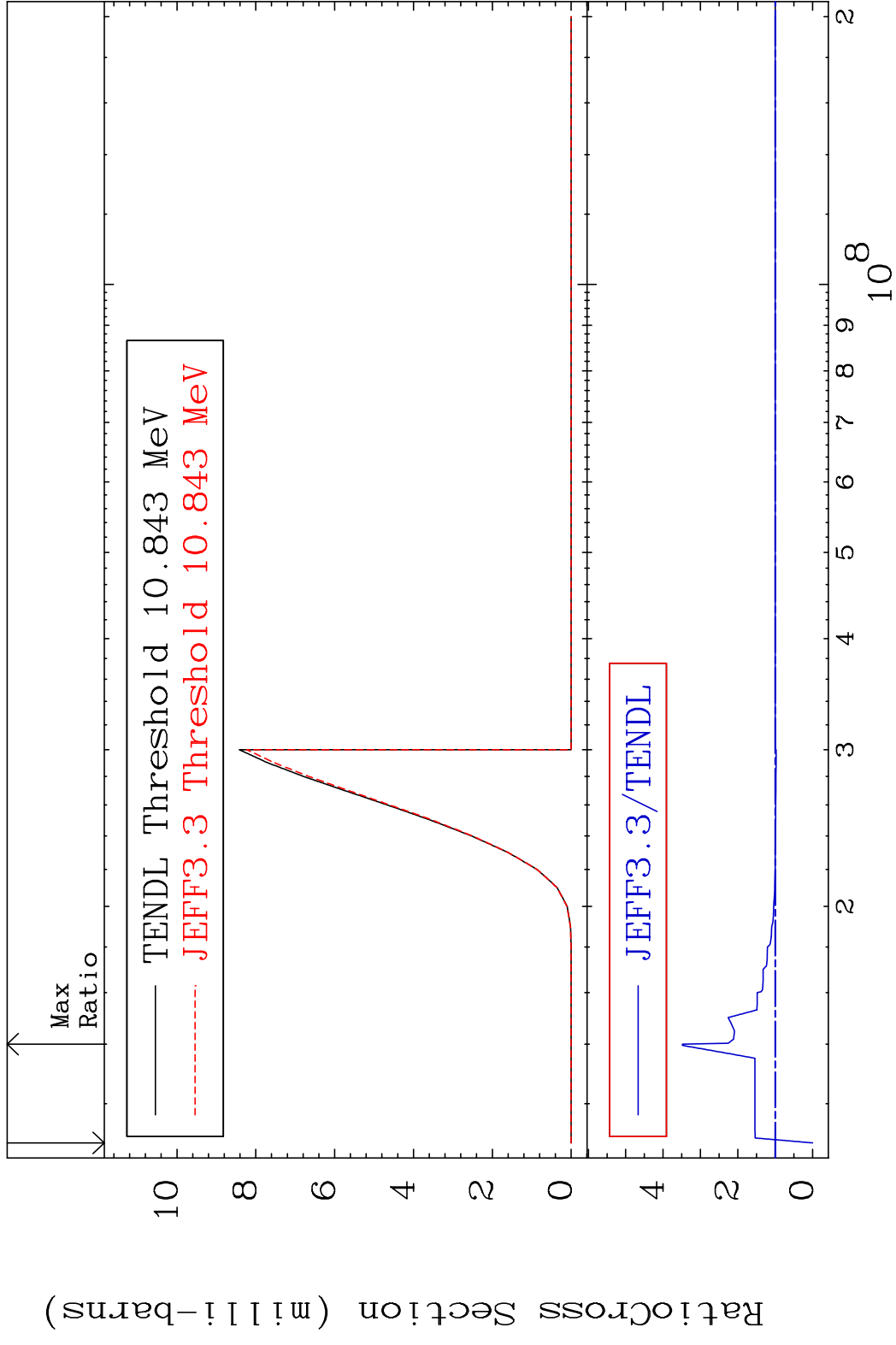
71-Lu-176

MAT 7128

(n, n') t

71-Lu-176

Cross Section -100.0 To 248.4 %

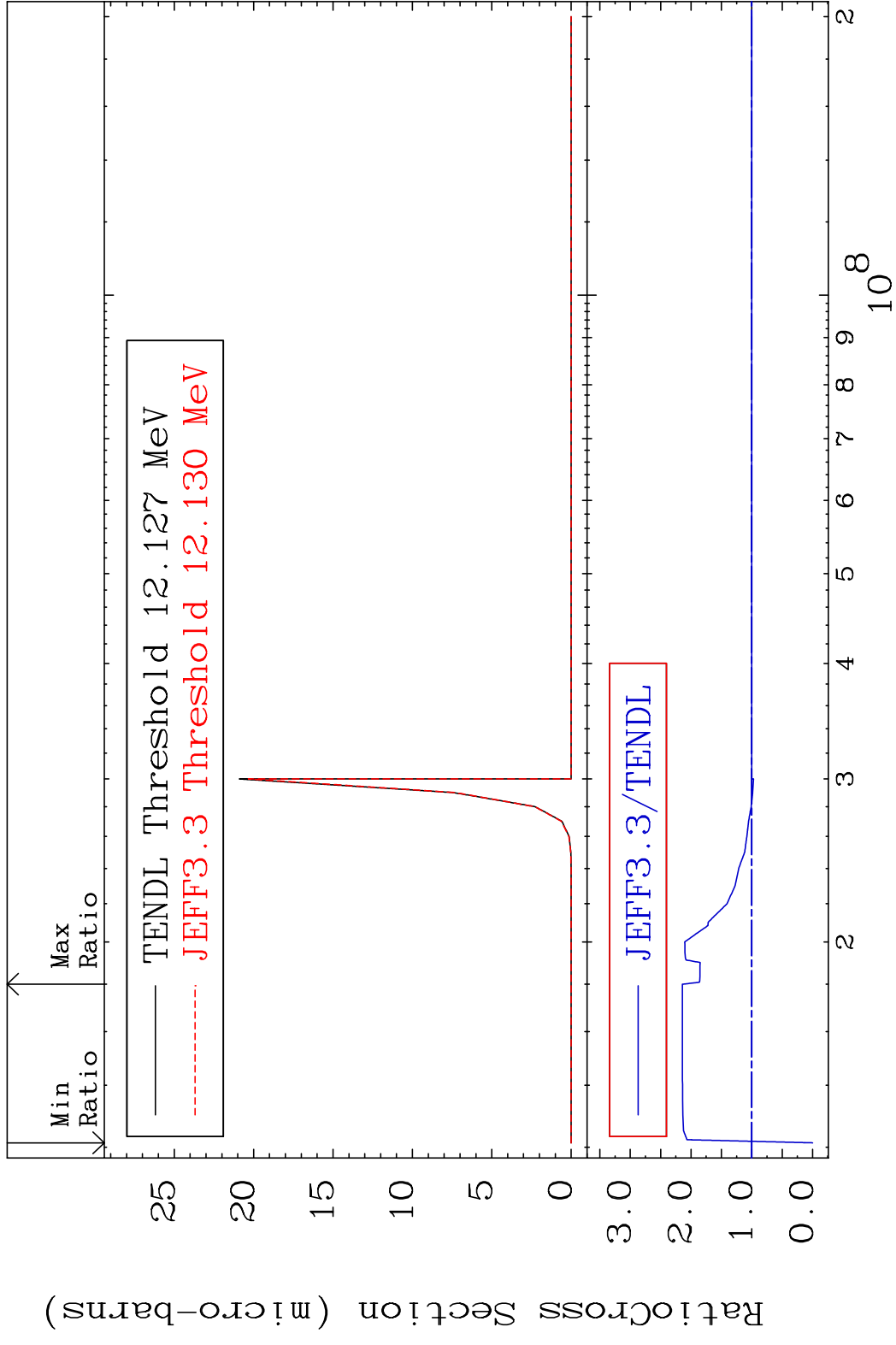


MAT 7128

(n,n') He-3

71-Lu-176

Cross Section -100.0 To 114.2 %

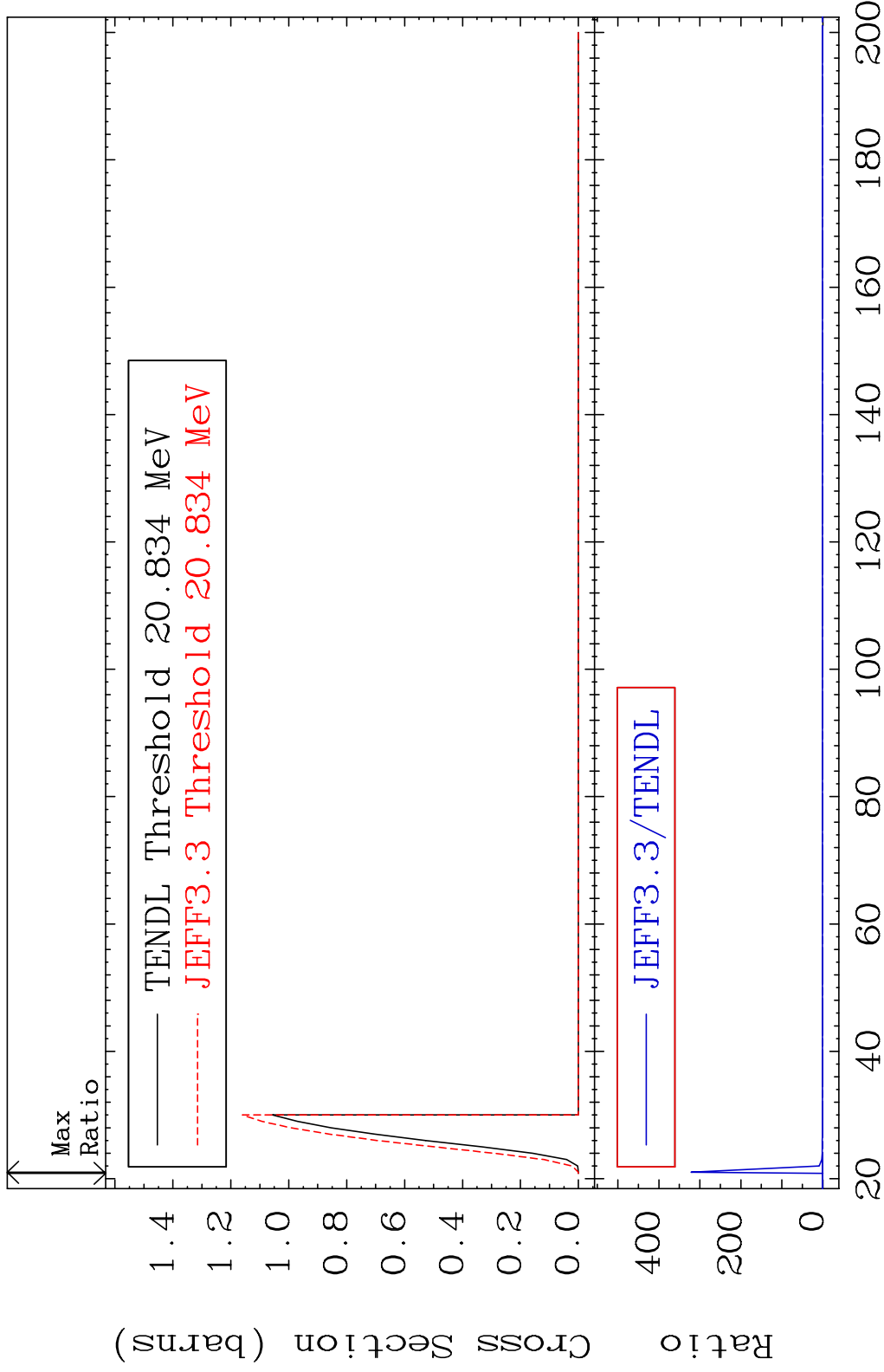


MAT 7128

(n,4n)

71-Lu-176

Cross Section -100.0 To 9999. %



15

Incident Energy (MeV)

71-Lu-176

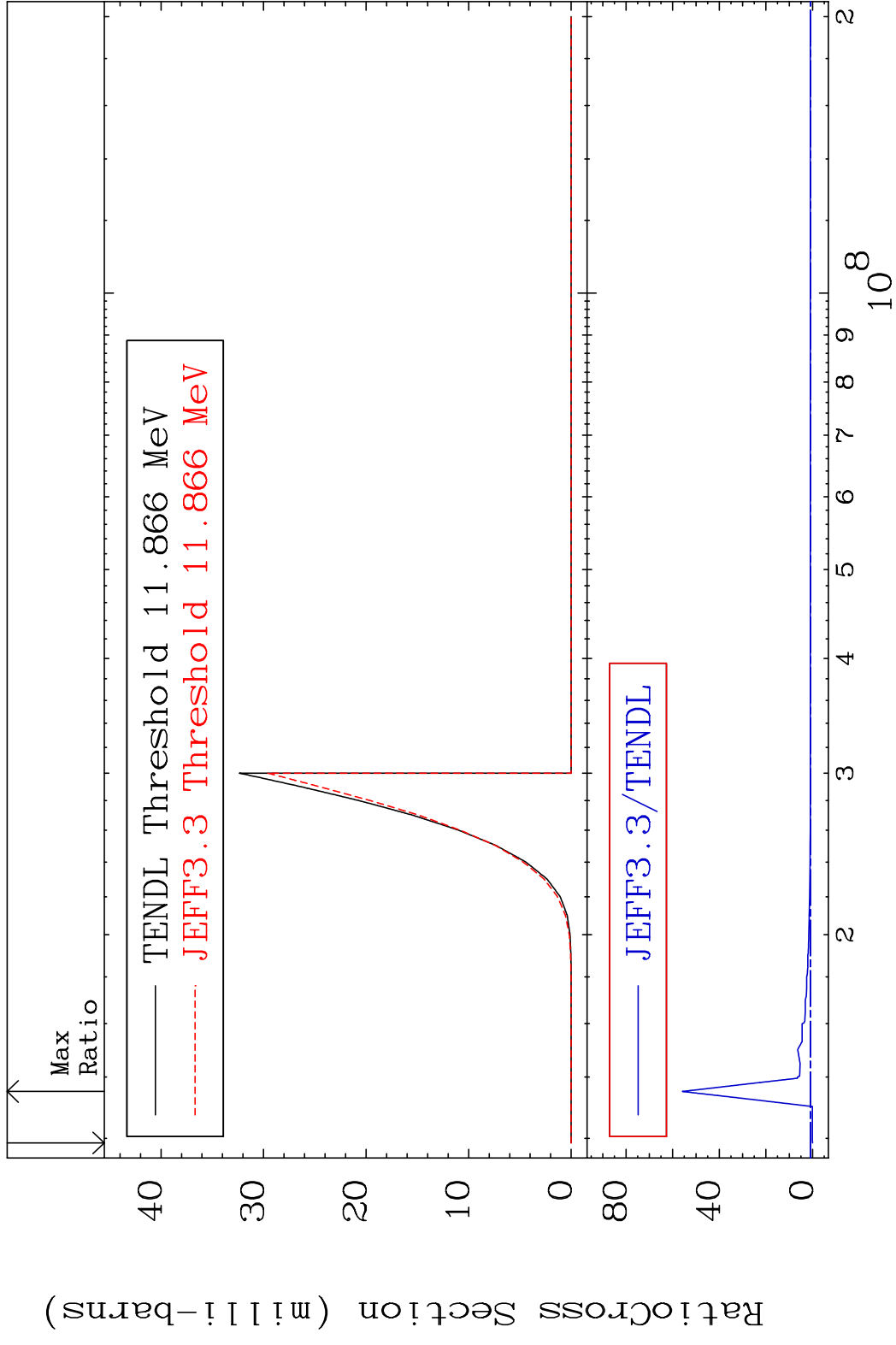


MAT 7128

(n,2n) p

71-Lu-176

Cross Section -100.0 To 5484. %

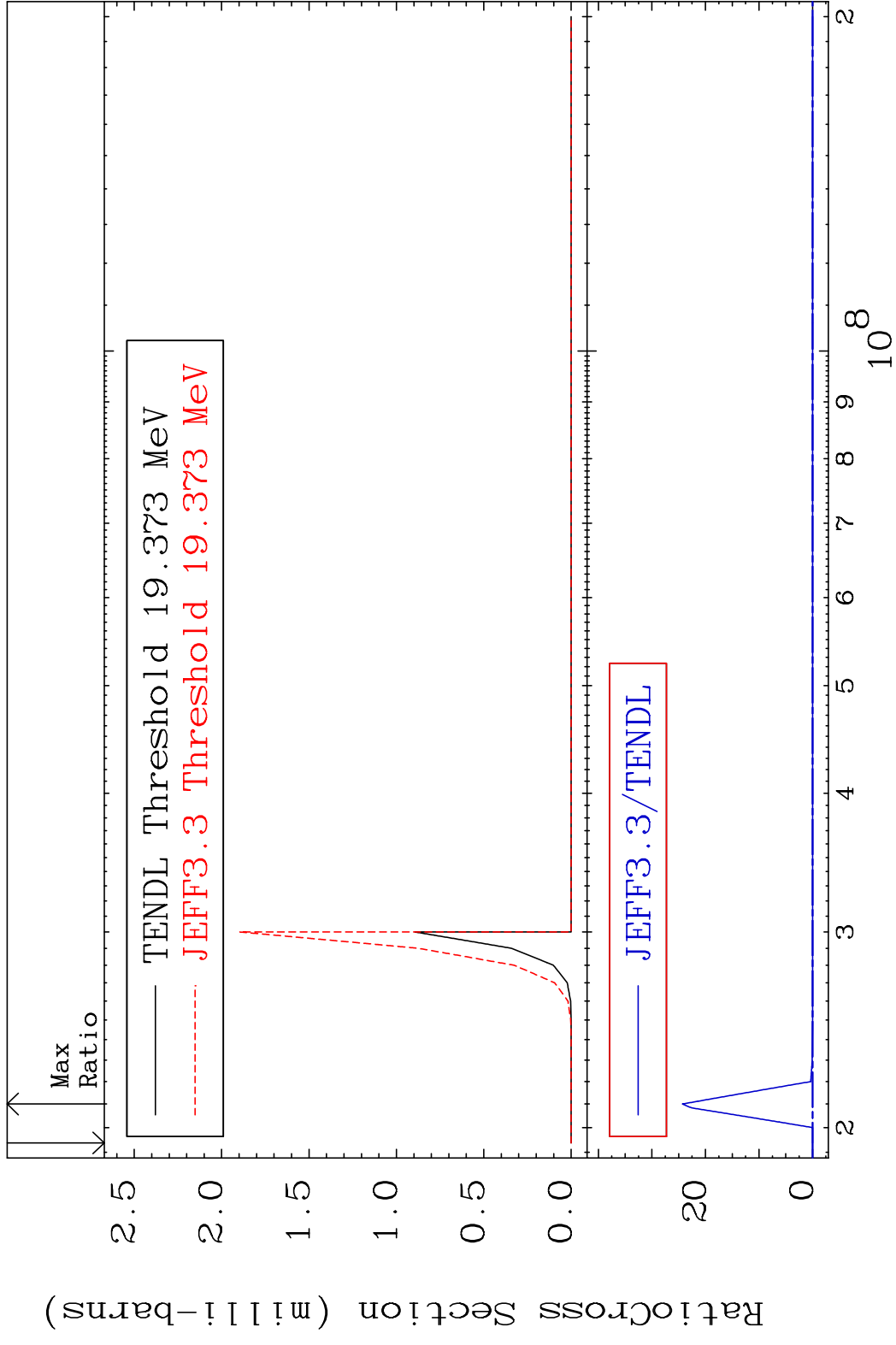


MAT 7128

(n,3n) p

71-Lu-176

Cross Section -100.0 To 9999. %

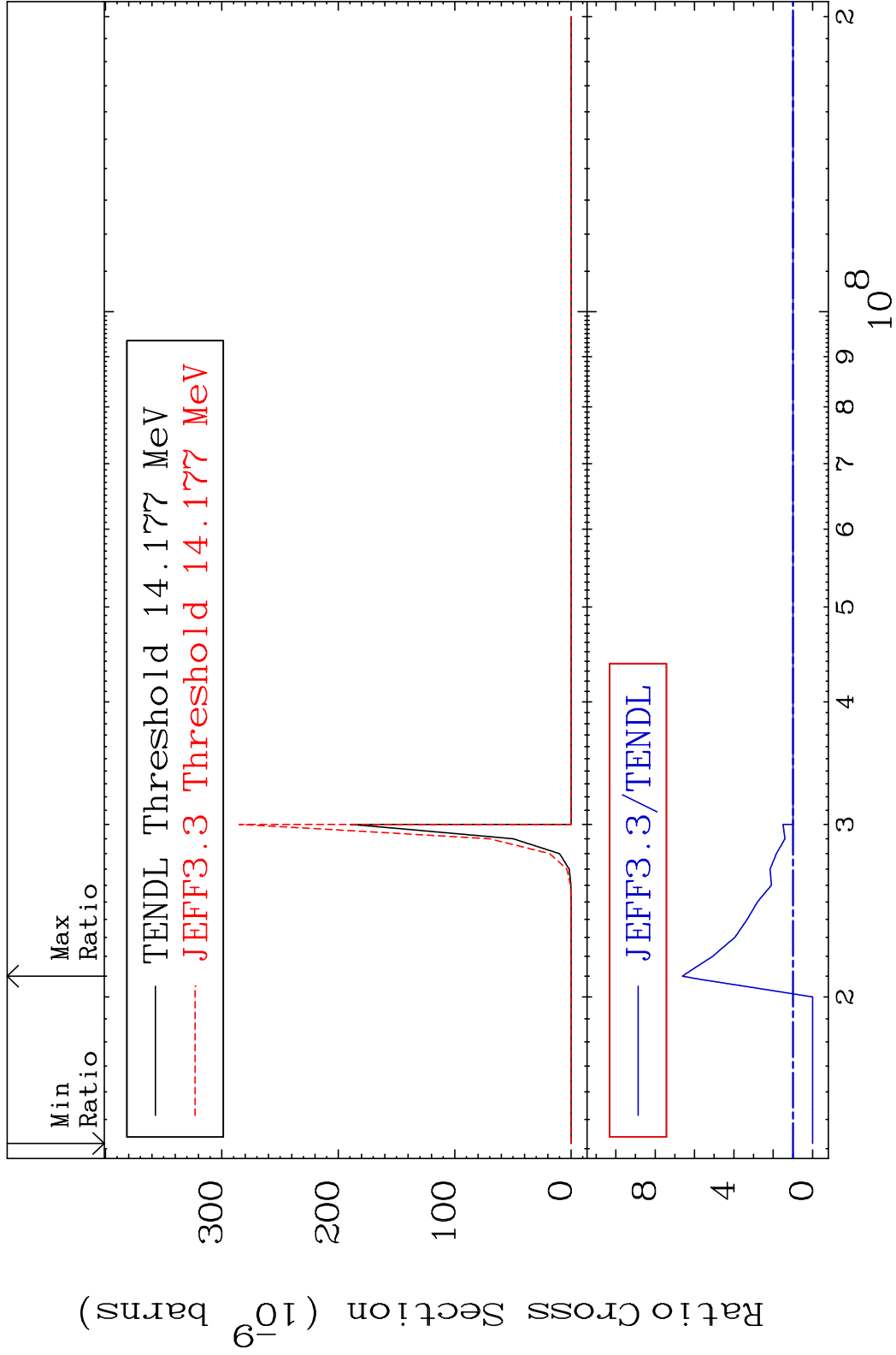


MAT 7128

(n,2n) p

71-Lu-176

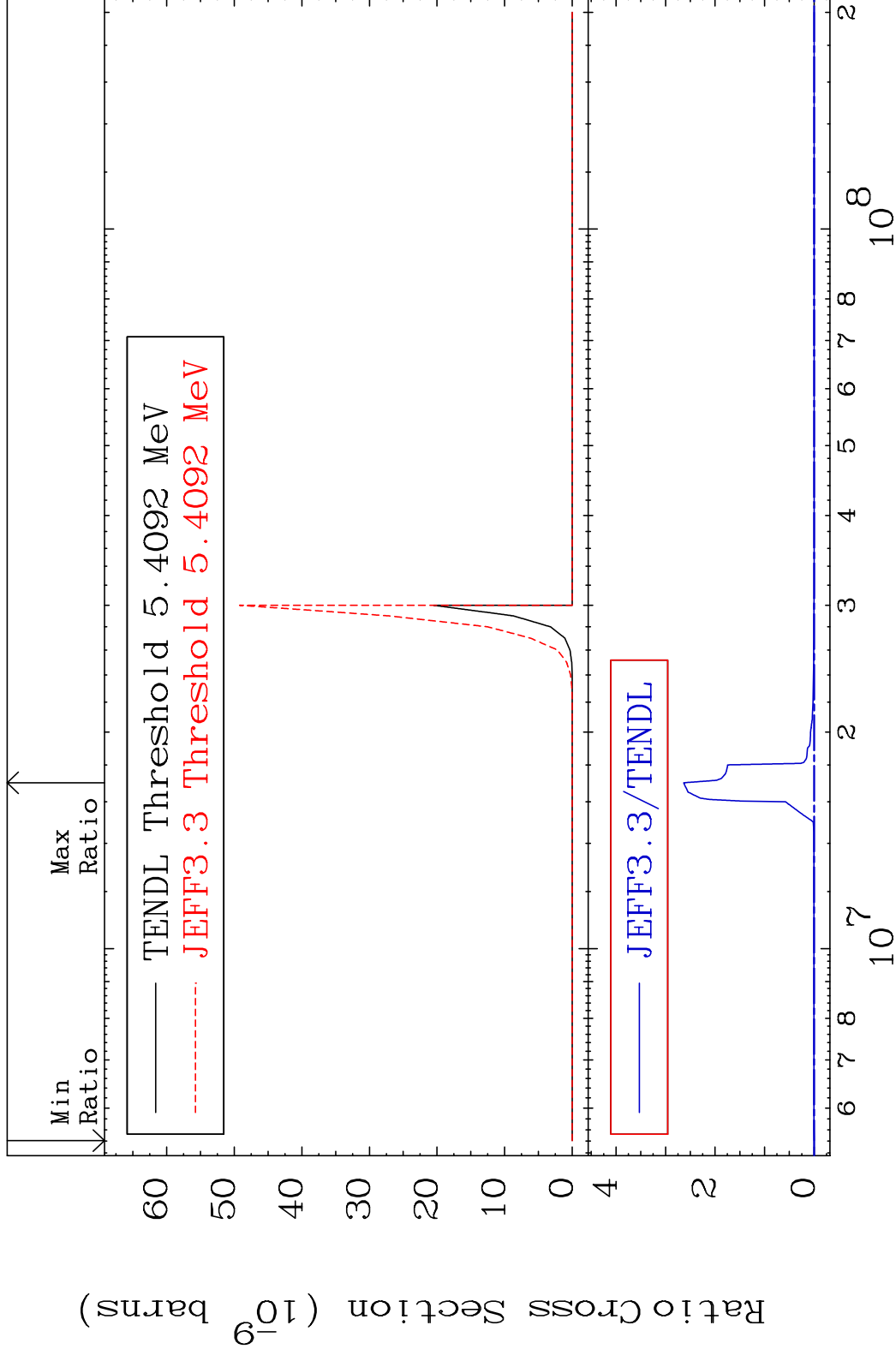
Cross Section -100.0 To 561.9 %



MAT 7128

(n,n') p  $\alpha$  71-Lu-176

Cross Section -100.0 To 9999. %

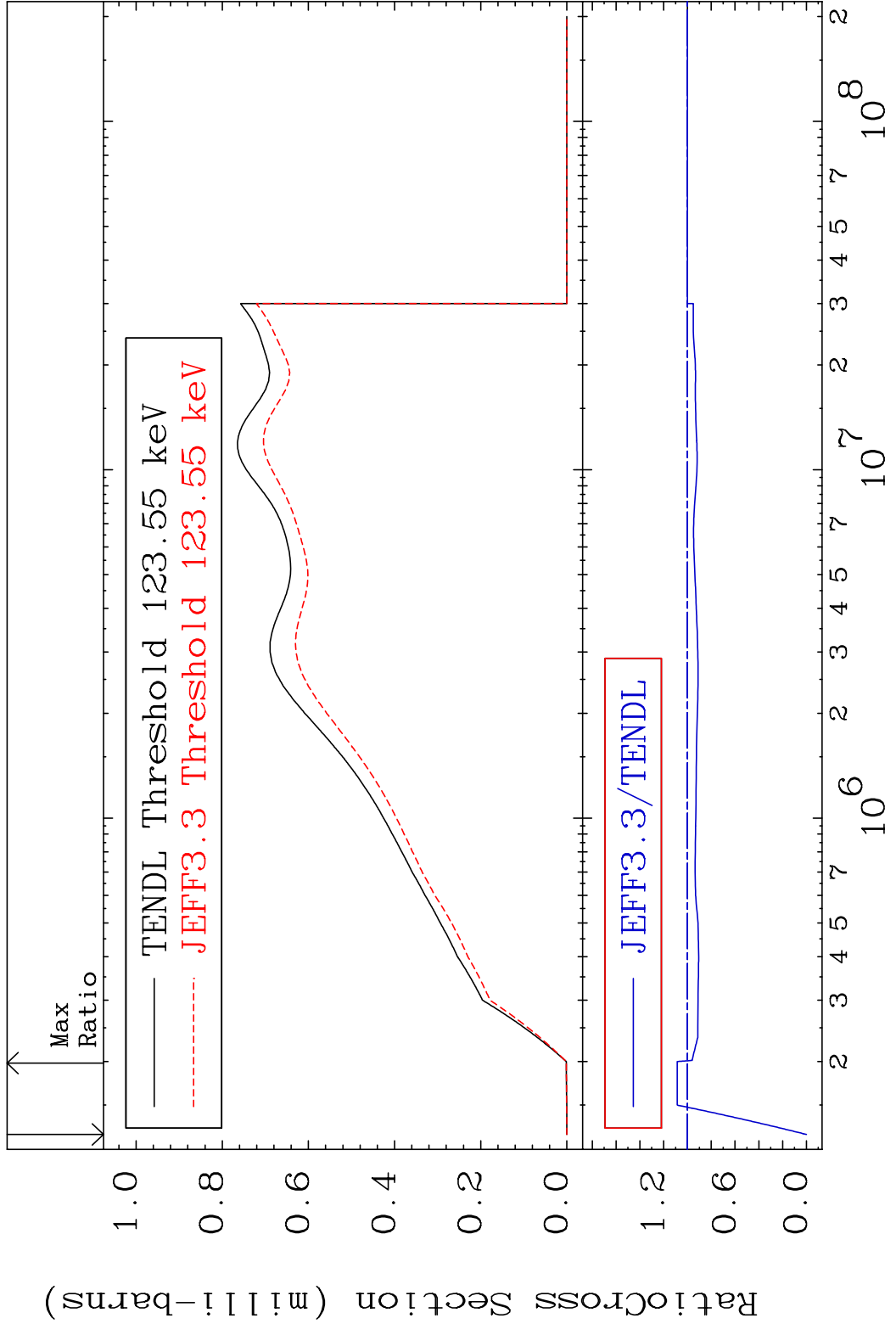


19

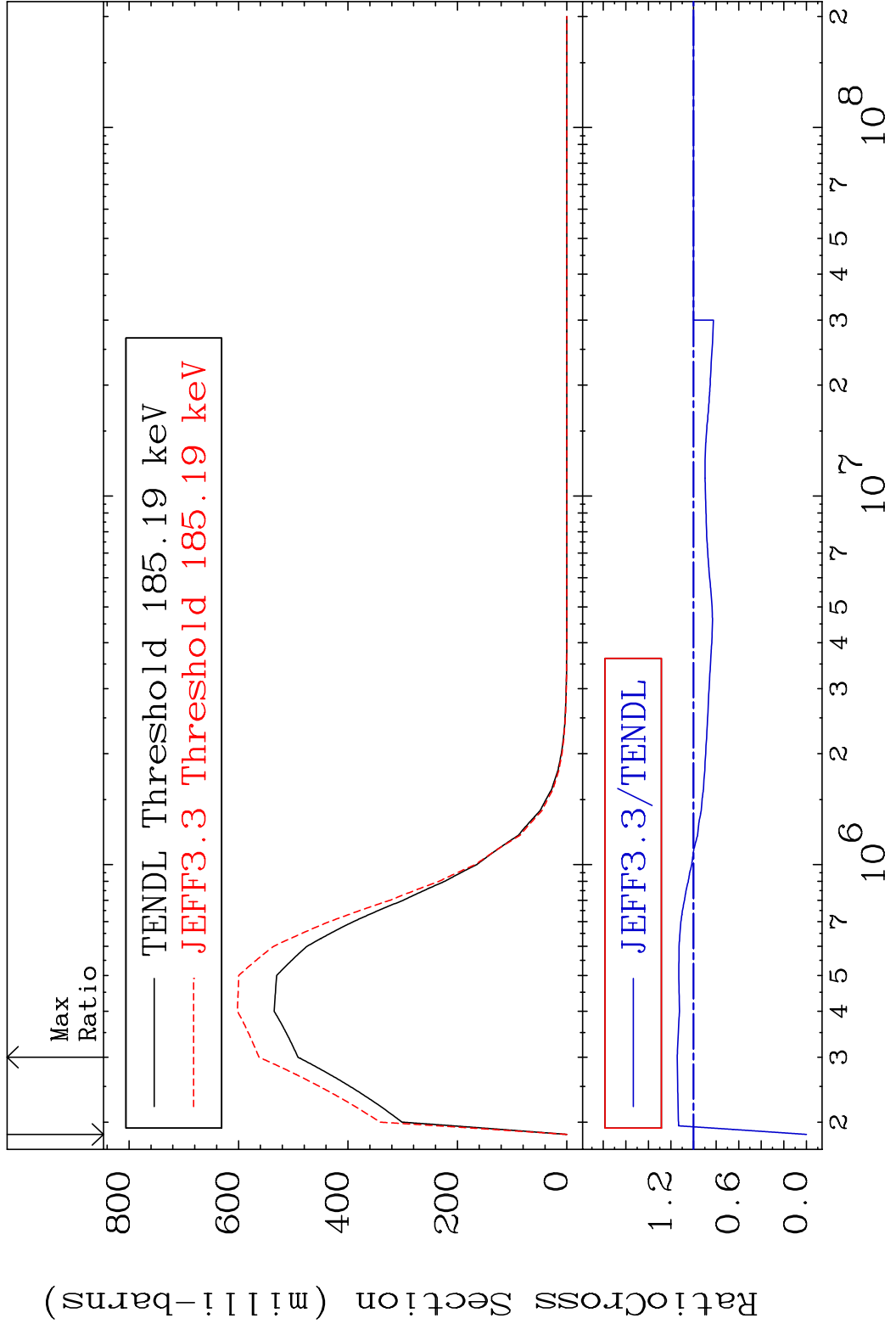
Incident Energy (eV)

71-Lu-176

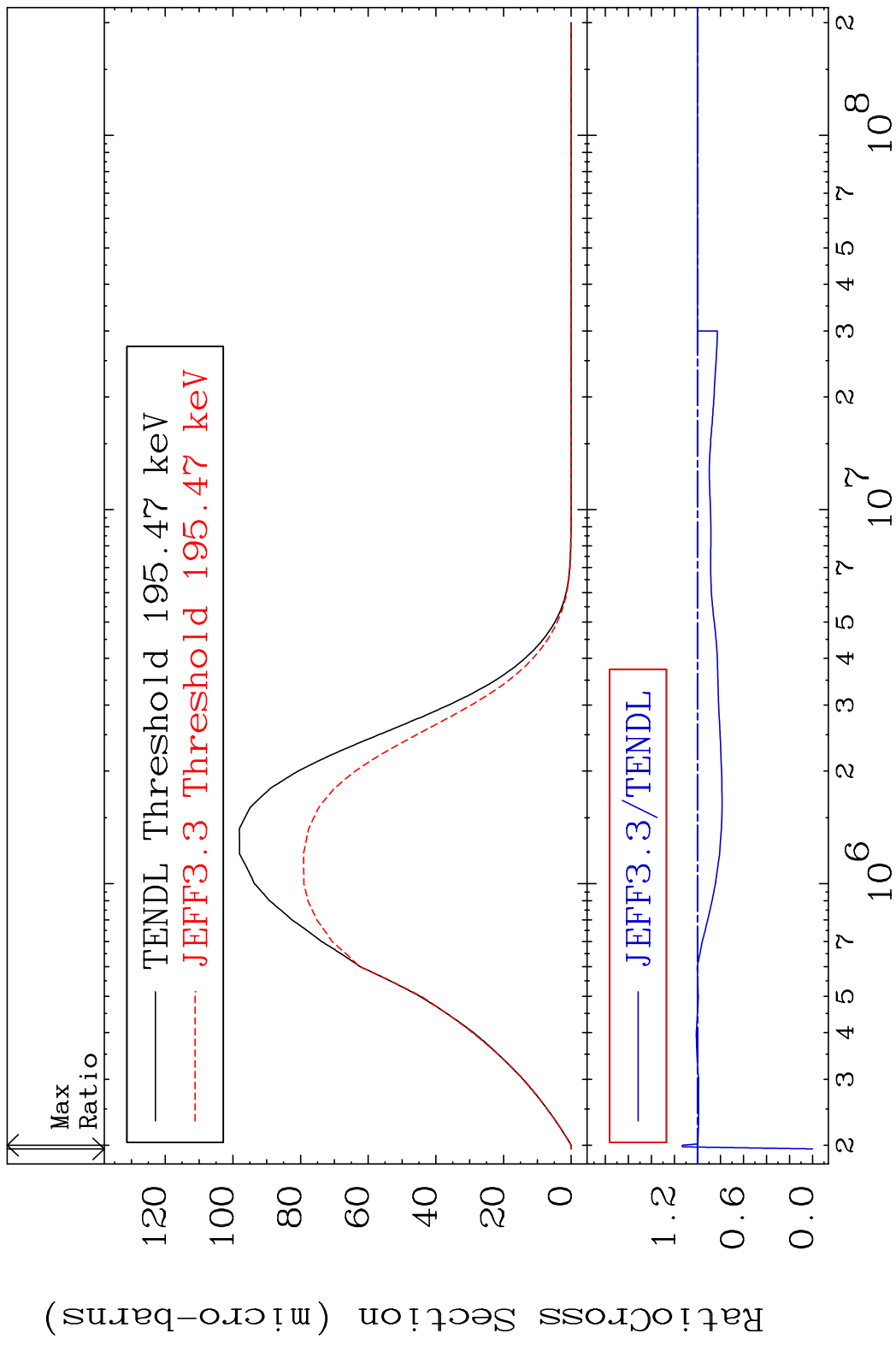
MAT 7128 MT= 51 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 8.609 %



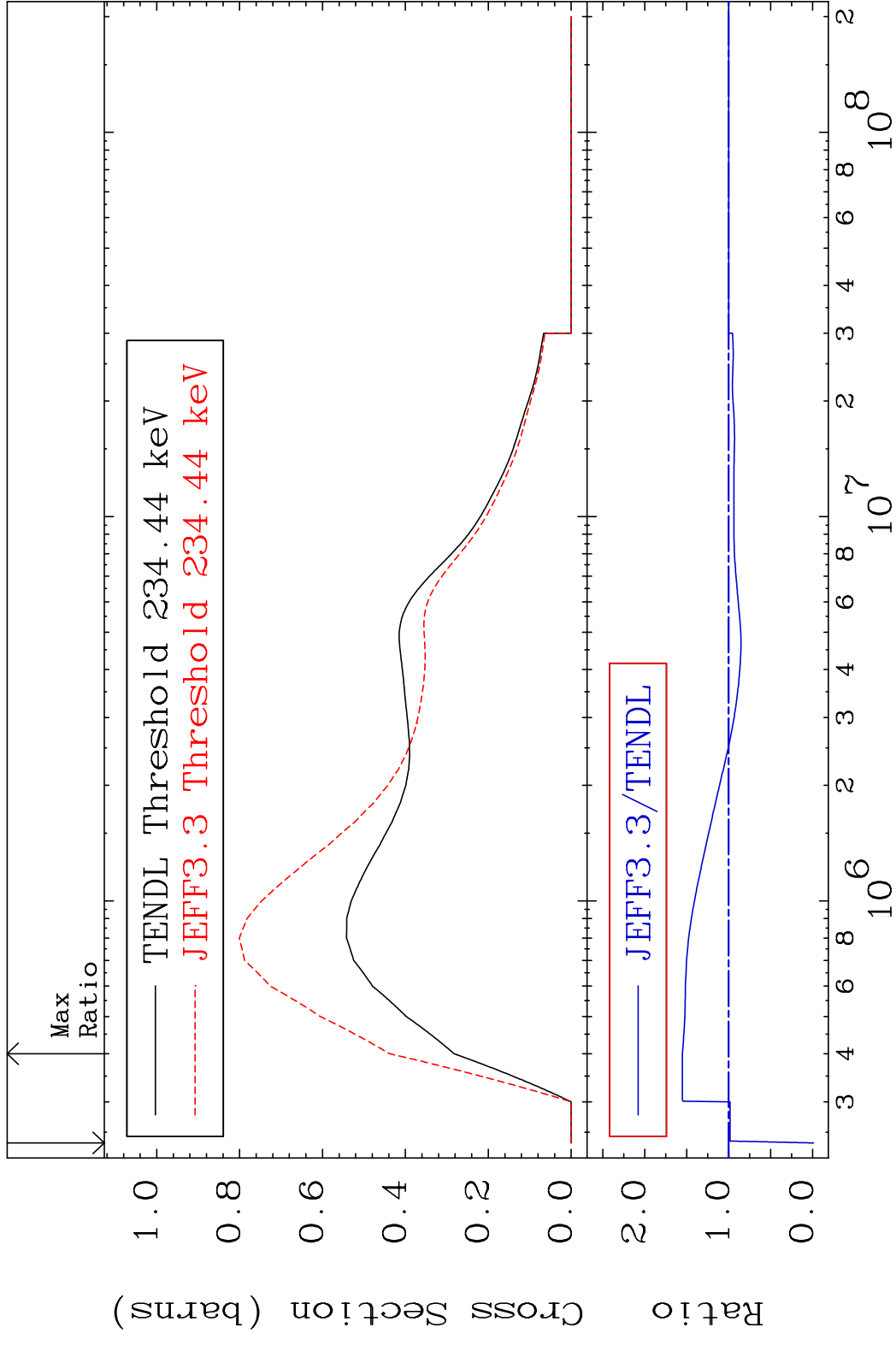
MAT 7128 MT= 52 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 14.51 %



MAT 7128 MT= 53 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 13.12 %

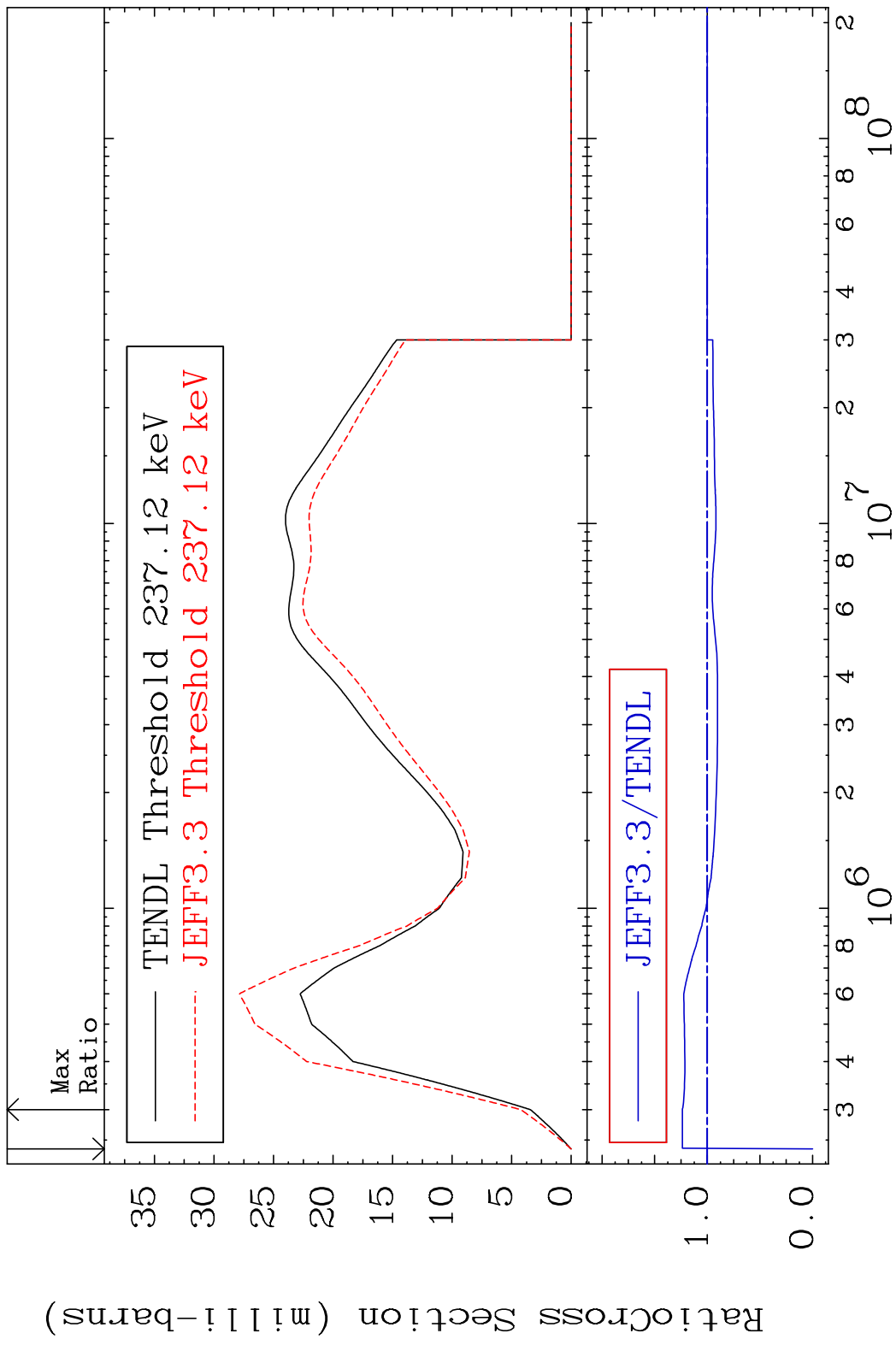


MAT 7128 MT= 54 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 55.16 %

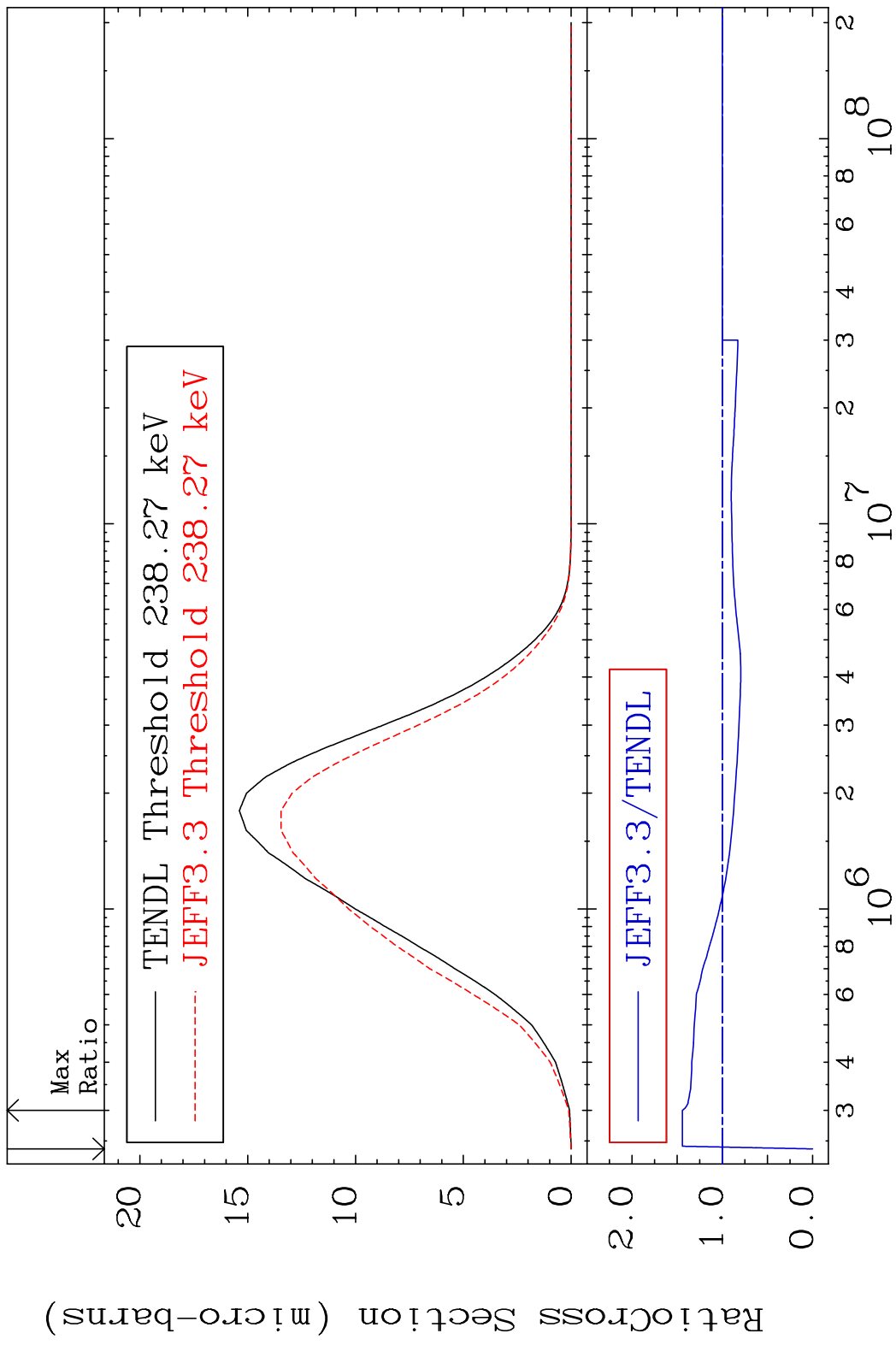




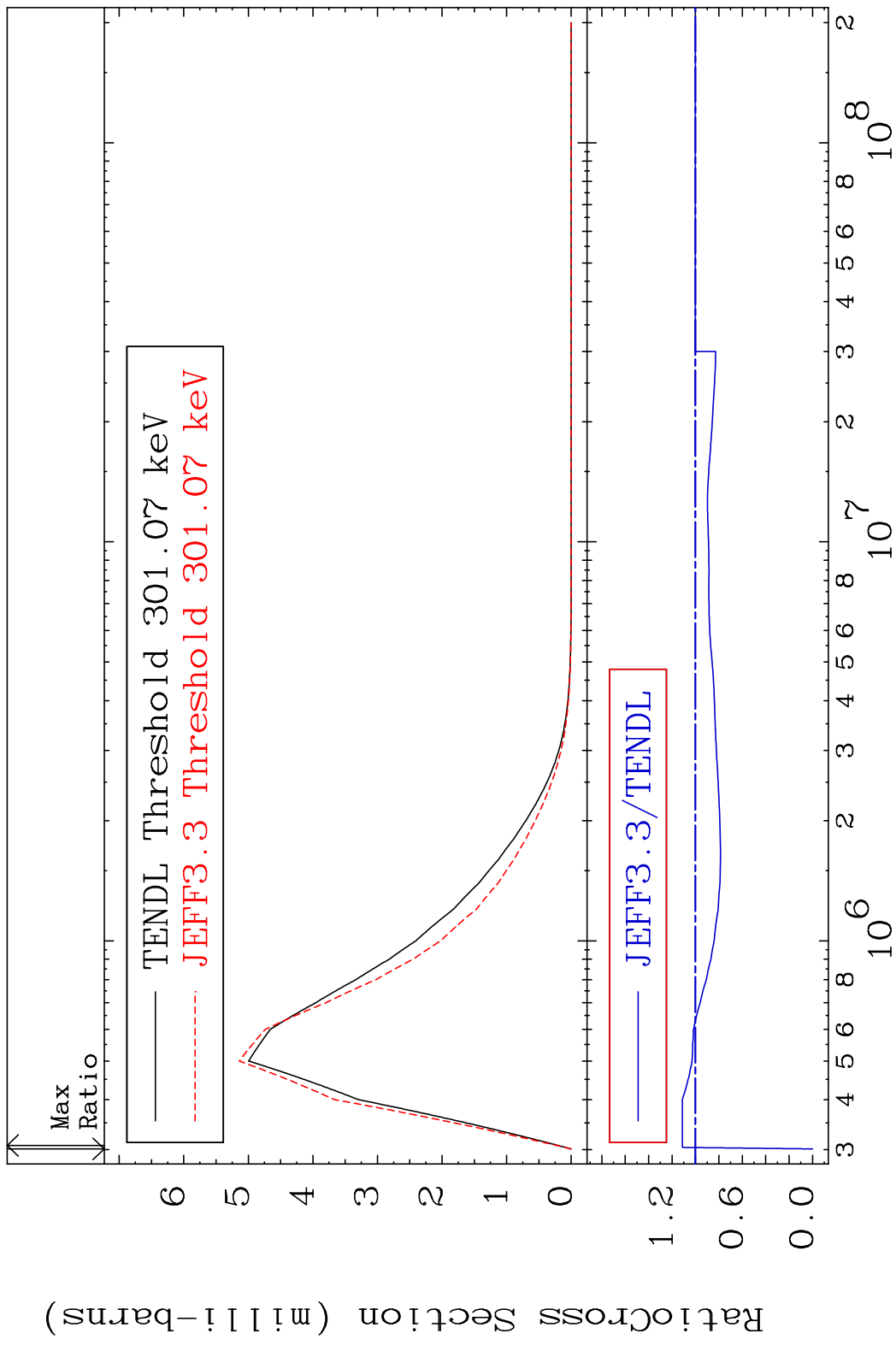
MAT 7128 MT= 55 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 23.70 %



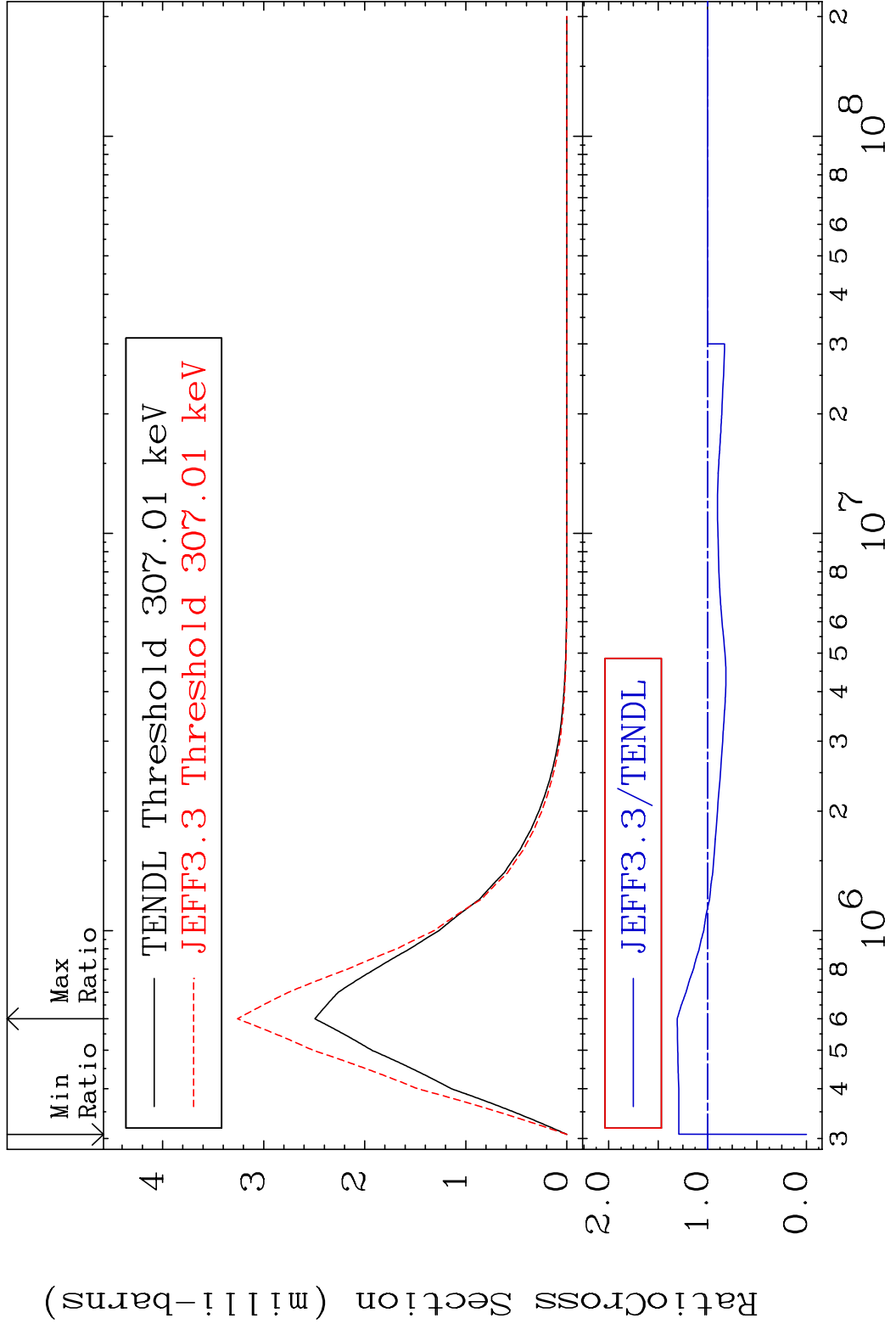
MAT 7128 MT= 56 (n,n') Level 71-Lu-176  
 Cross Section -100.0 To 44.15 %



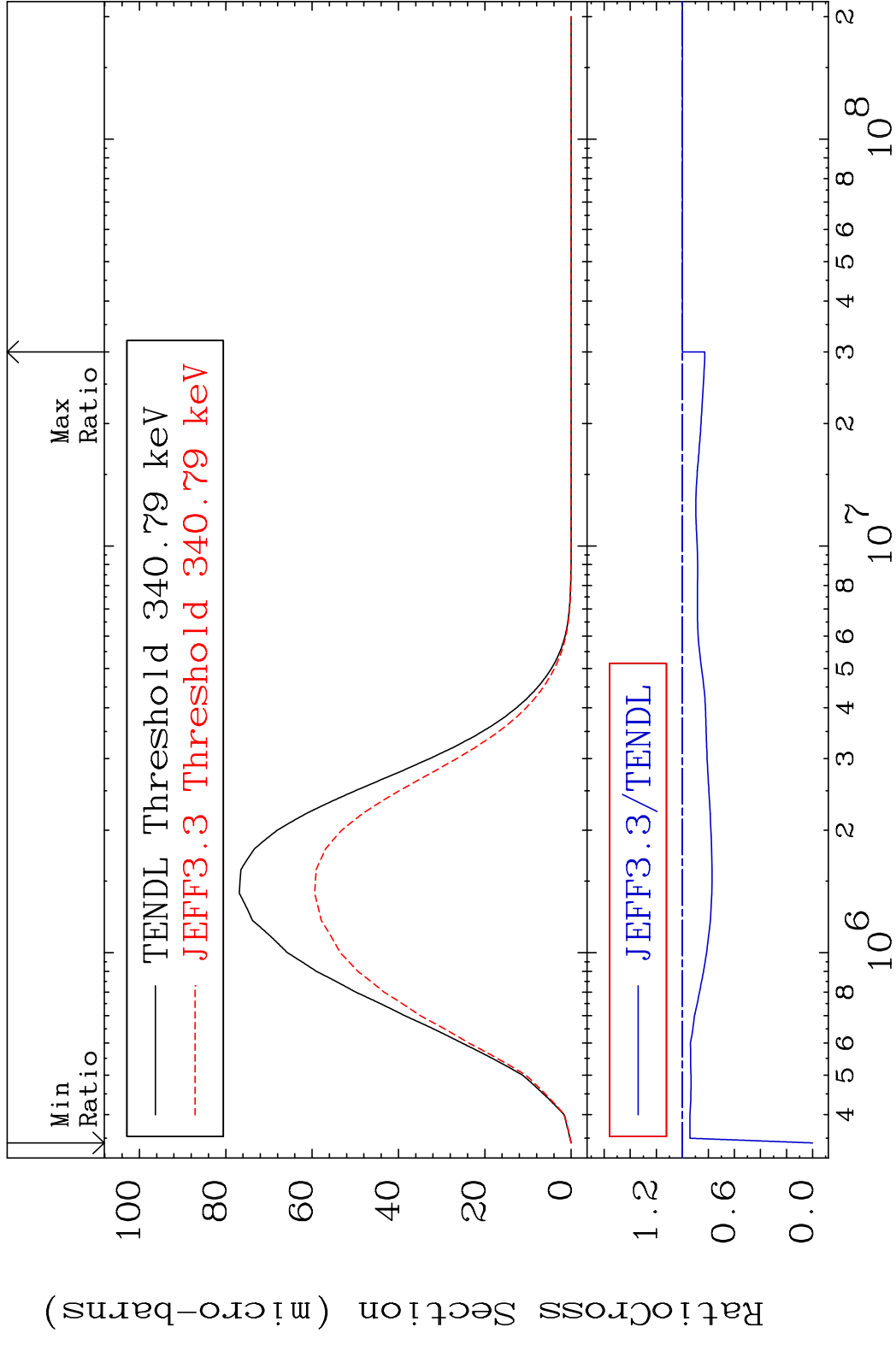
MAT 7128 MT= 57 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 11.19 %



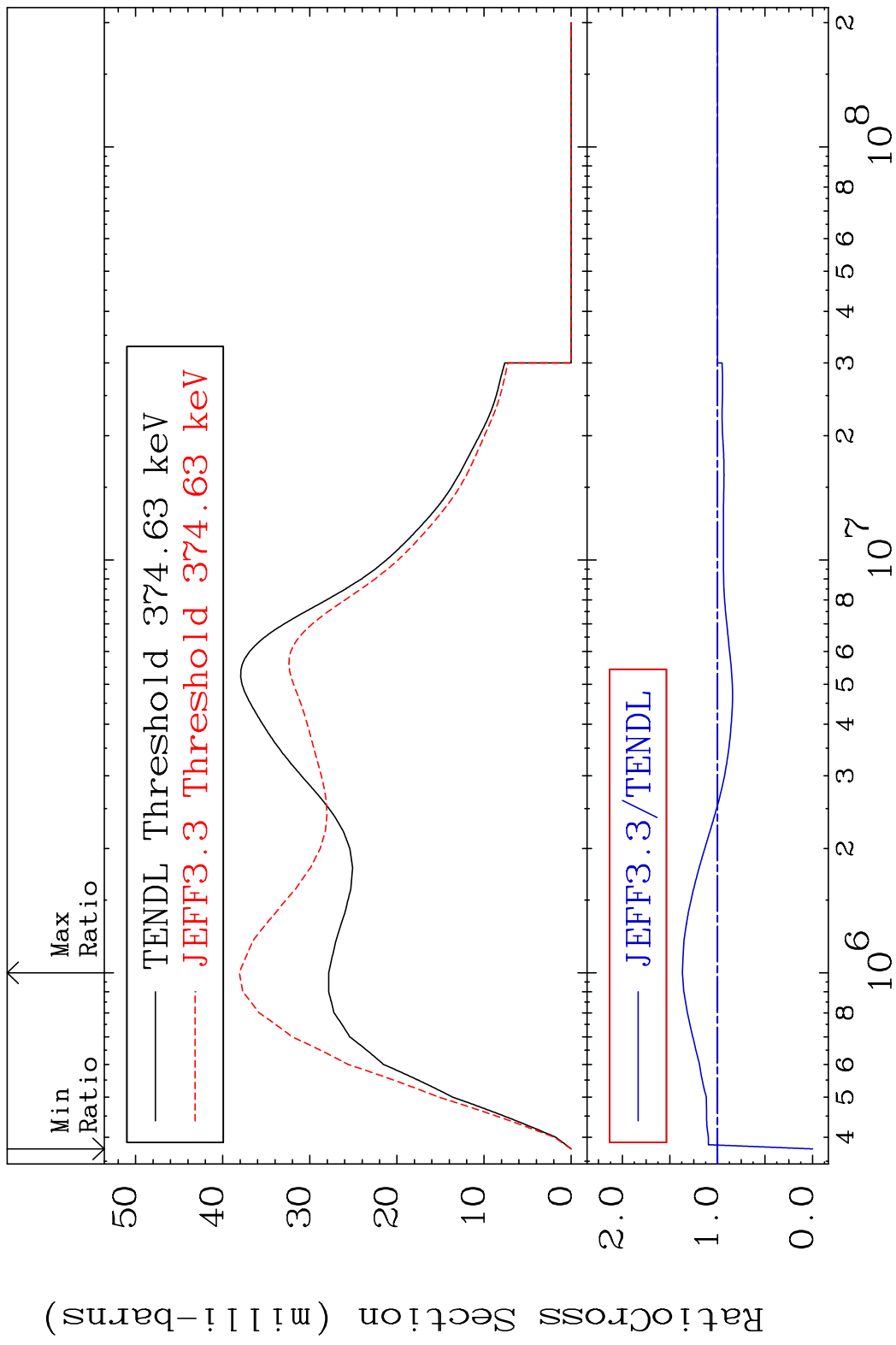
MAT 7128 MT= 58 (n,n') Level 71-Lu-176  
 Cross Section -100.0 To 30.70 %



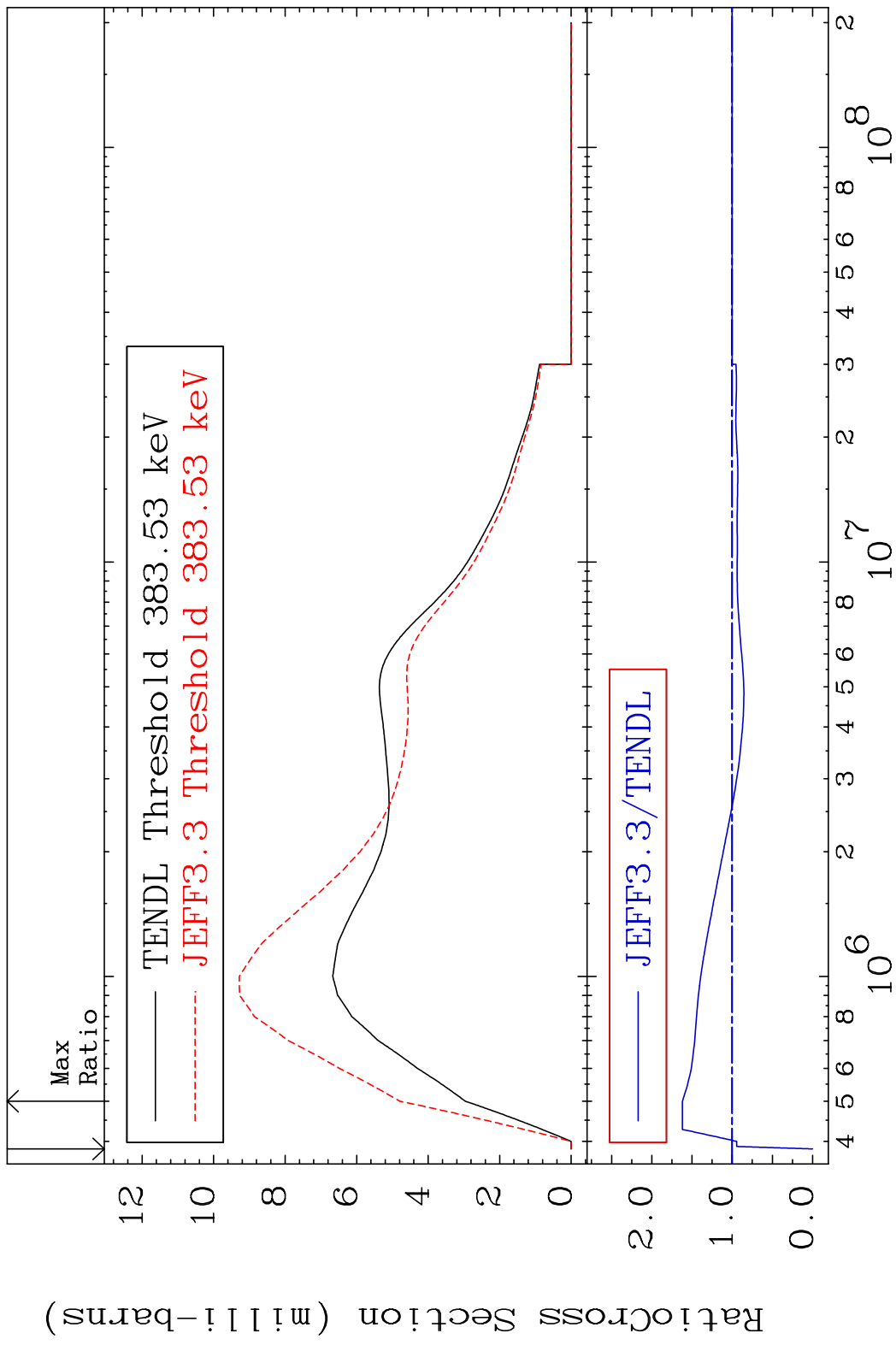
MAT 7128 MT= 59 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 0.000 %



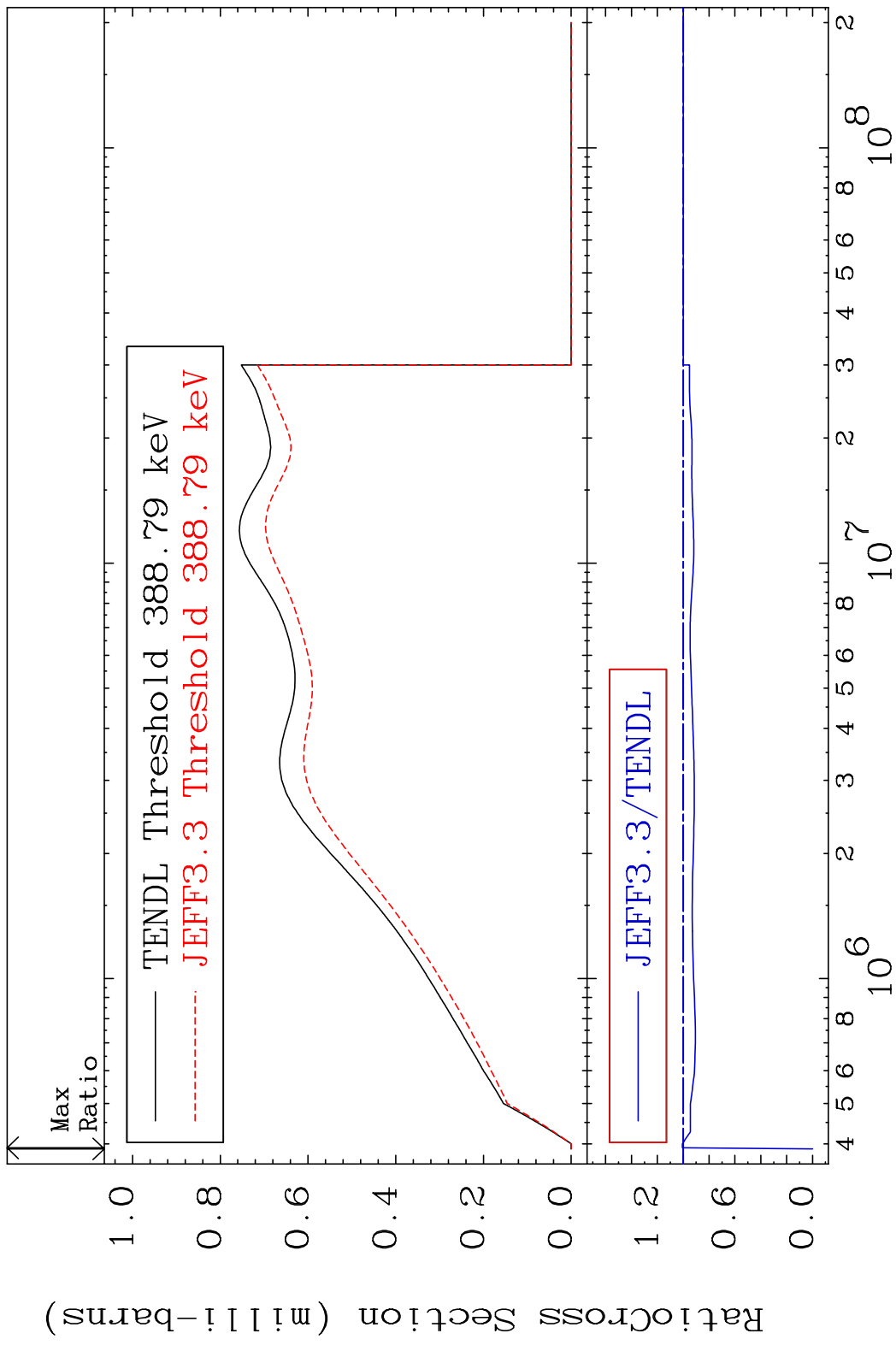
MAT 7128 MT= 60 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 36.91 %



MAT 7128 MT= 61 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 61.97 %

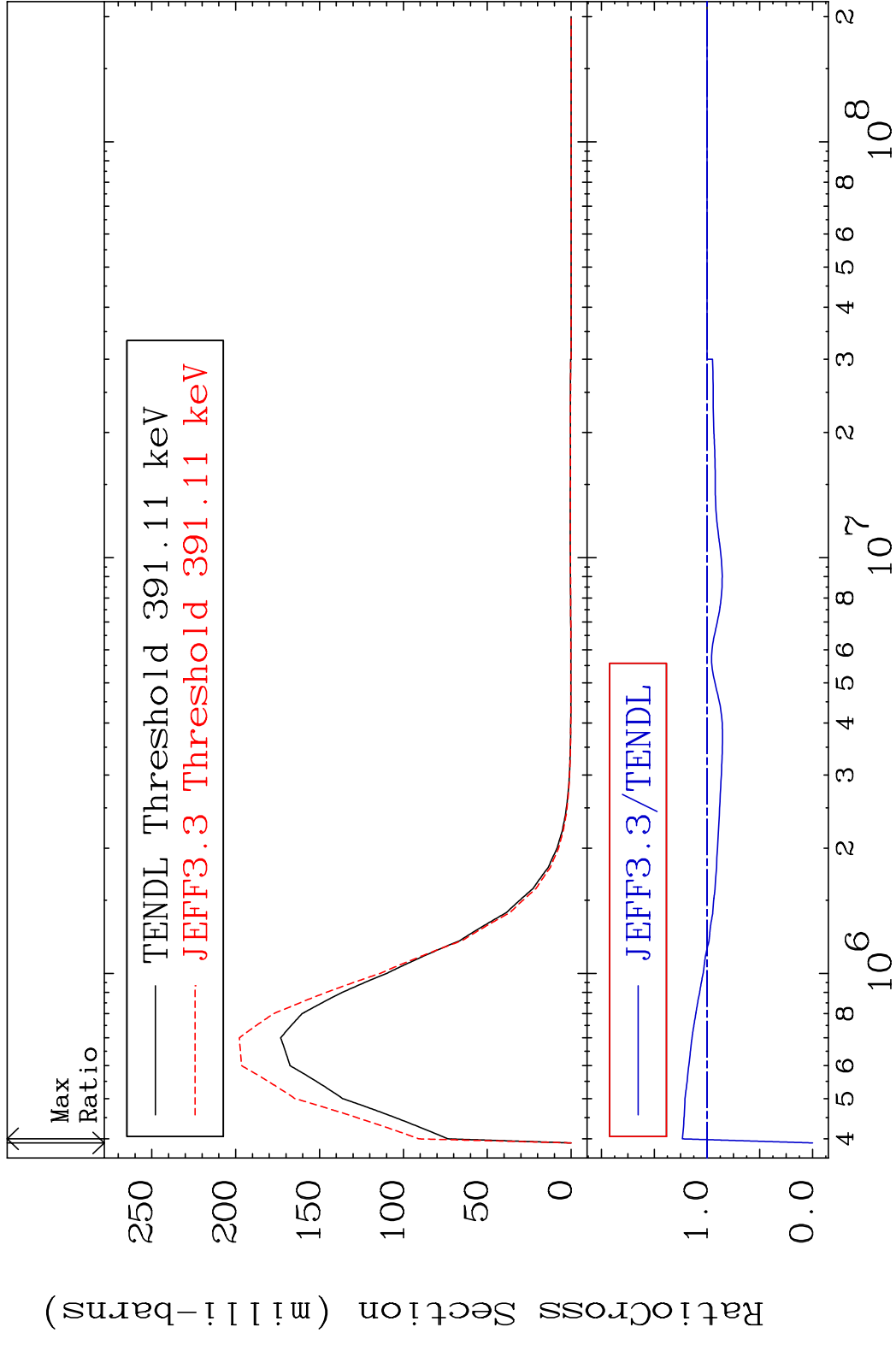


MAT 7128 MT= 62 (n,n') Level 71-Lu-176  
 Cross Section -100.0 To 0.669 %

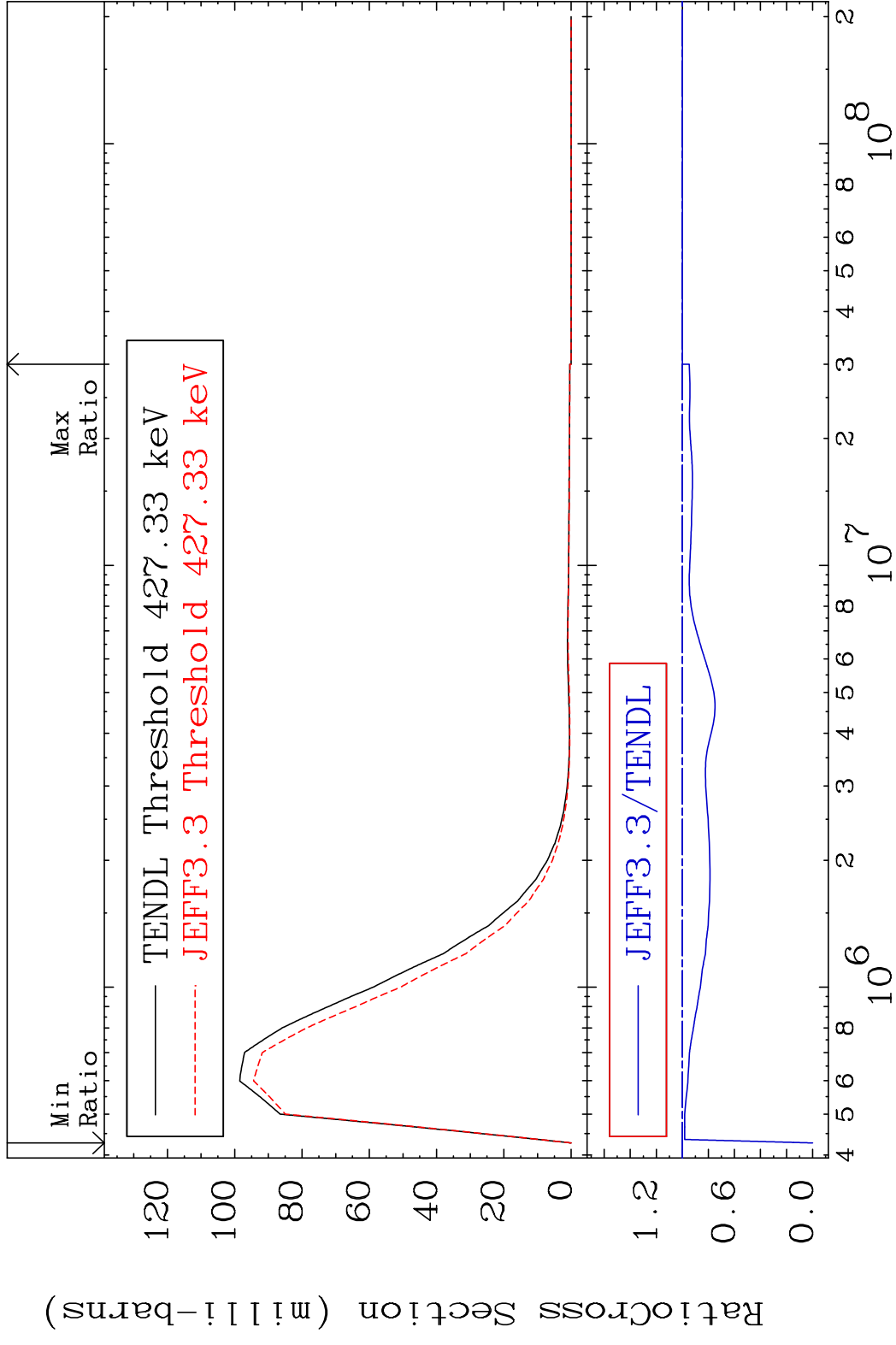




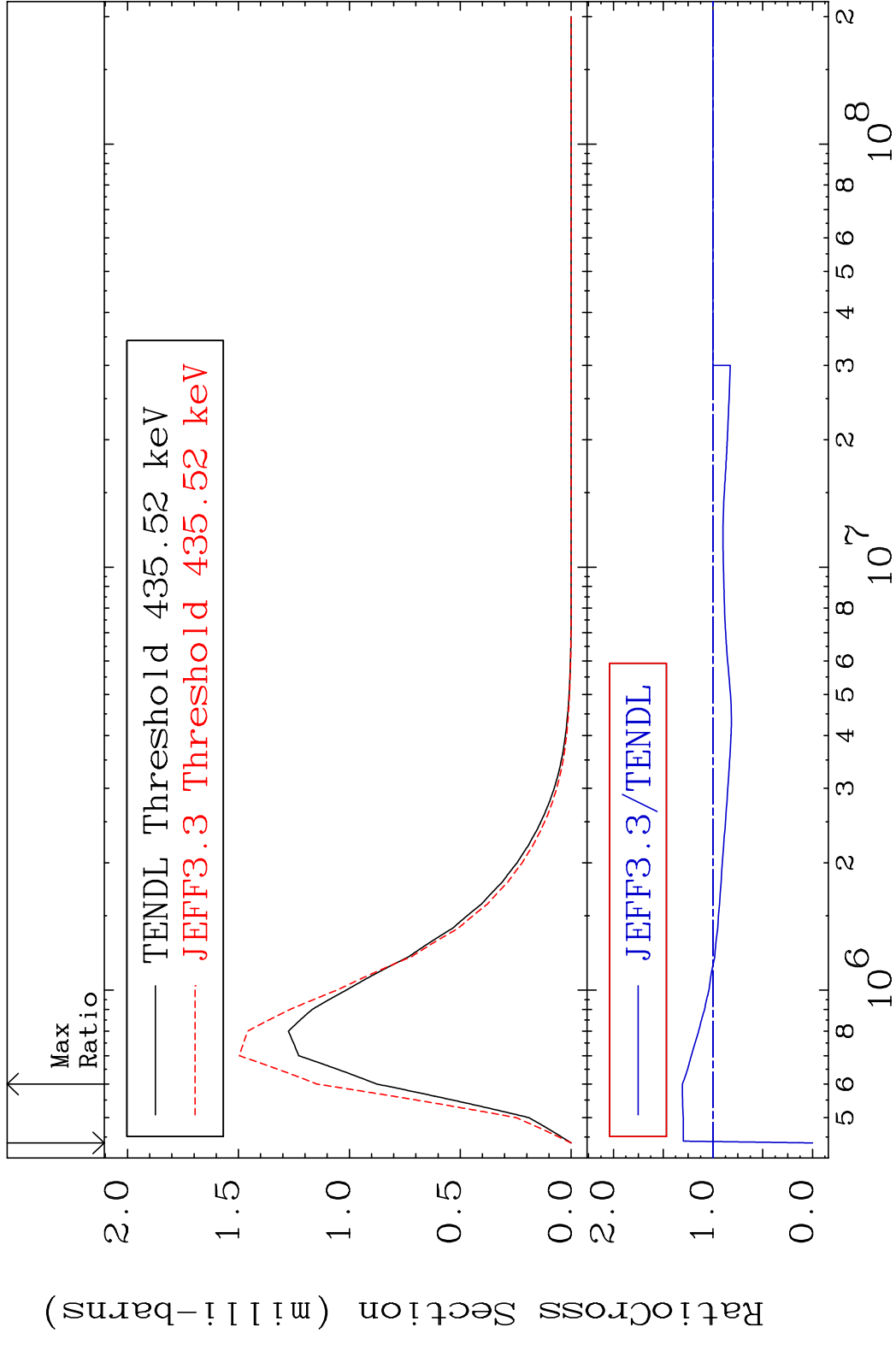
MAT 7128 MT= 63 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 23.36 %



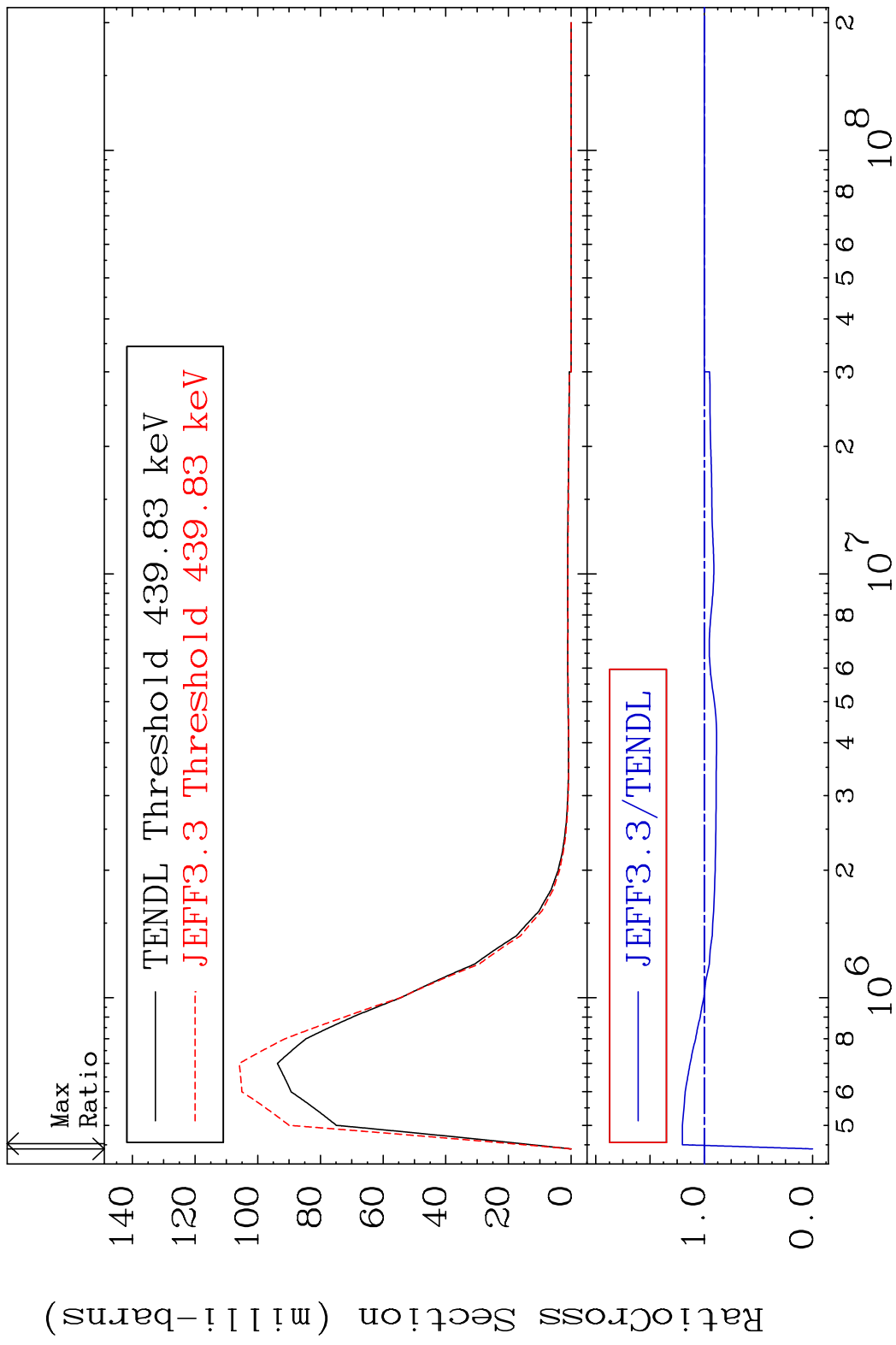
MAT 7128 MT= 64 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 0.000 %



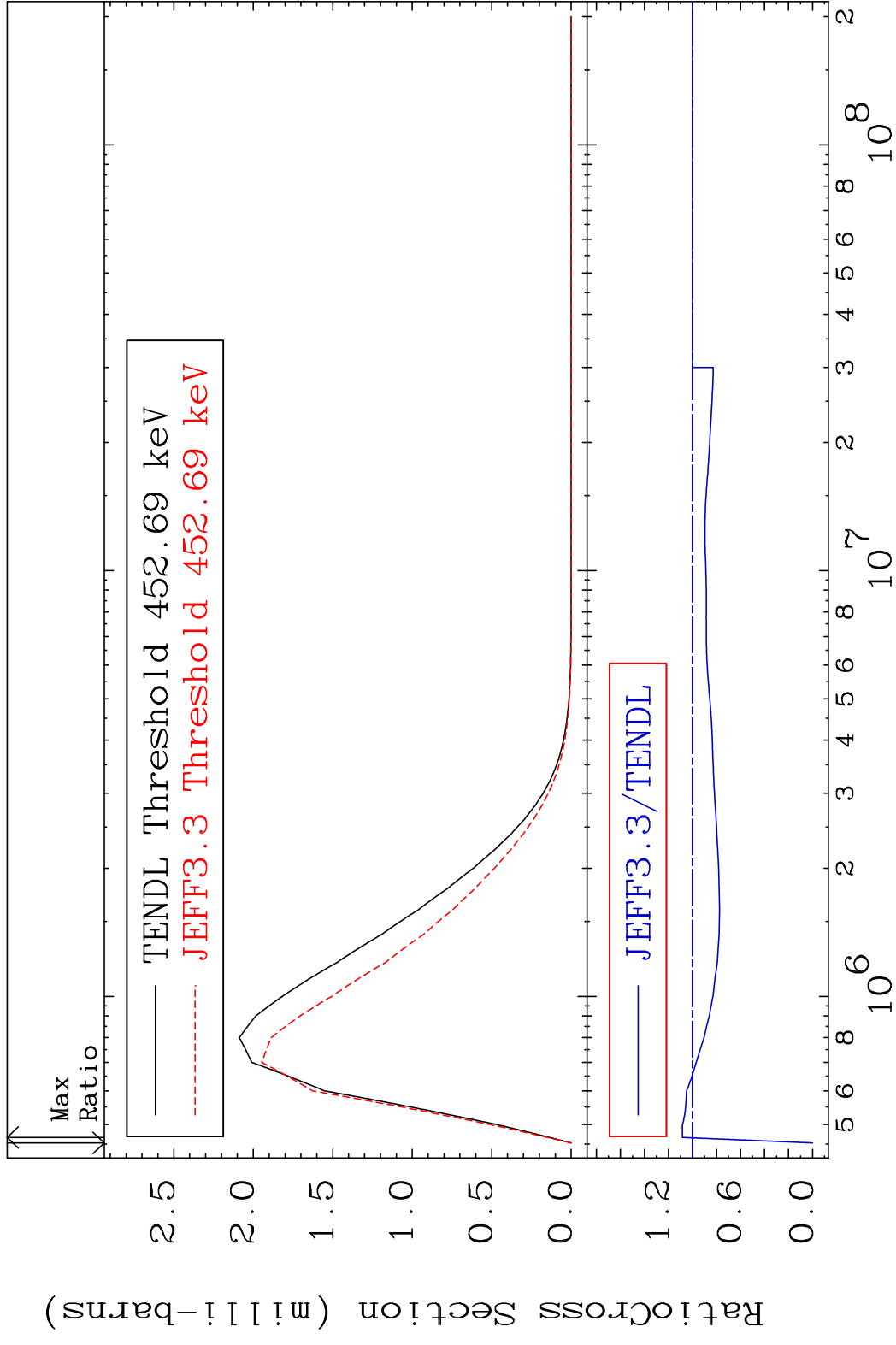
MAT 7128 MT= 65 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 30.77 %



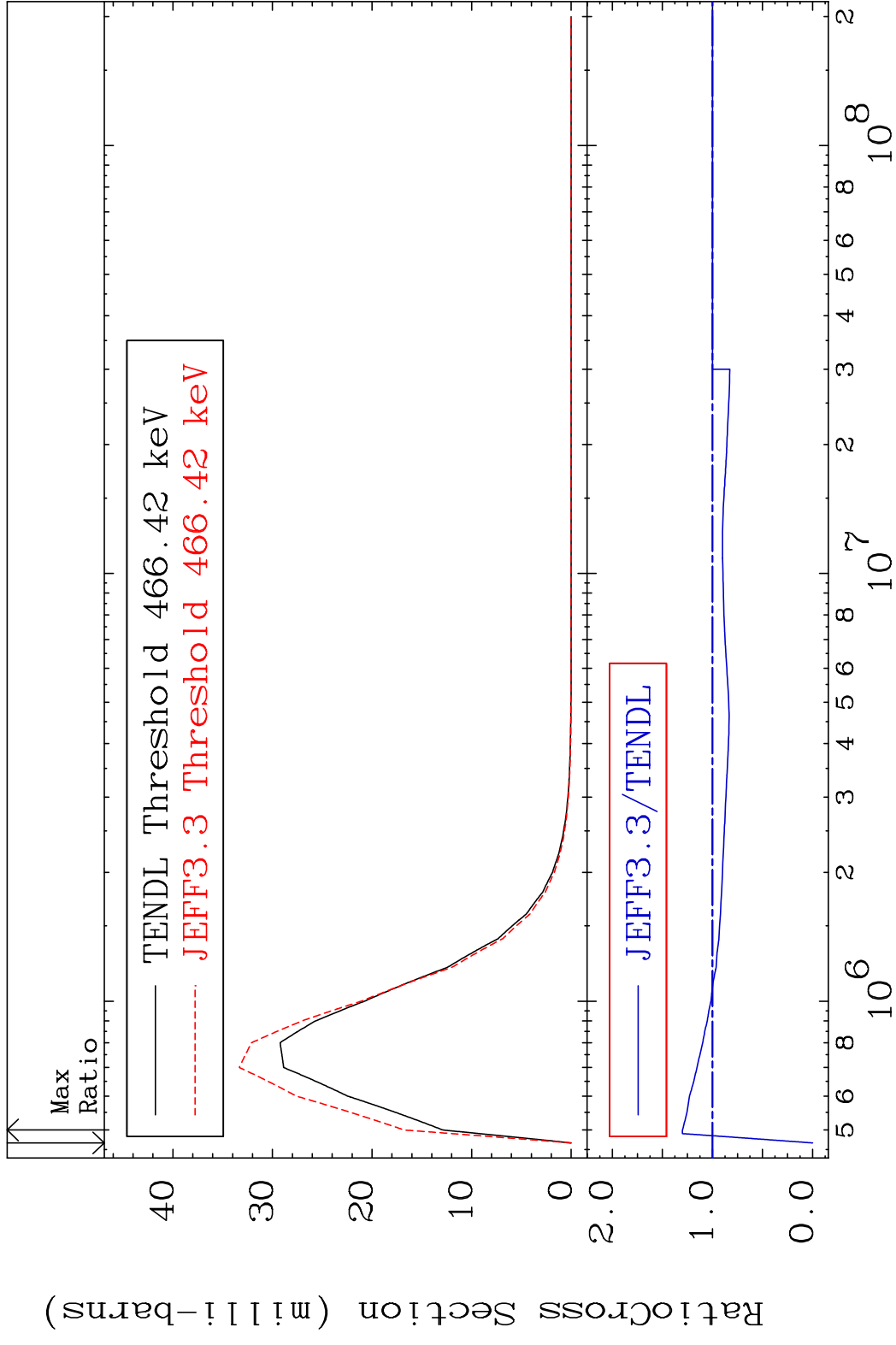
MAT 7128 MT= 66 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 20.15 %



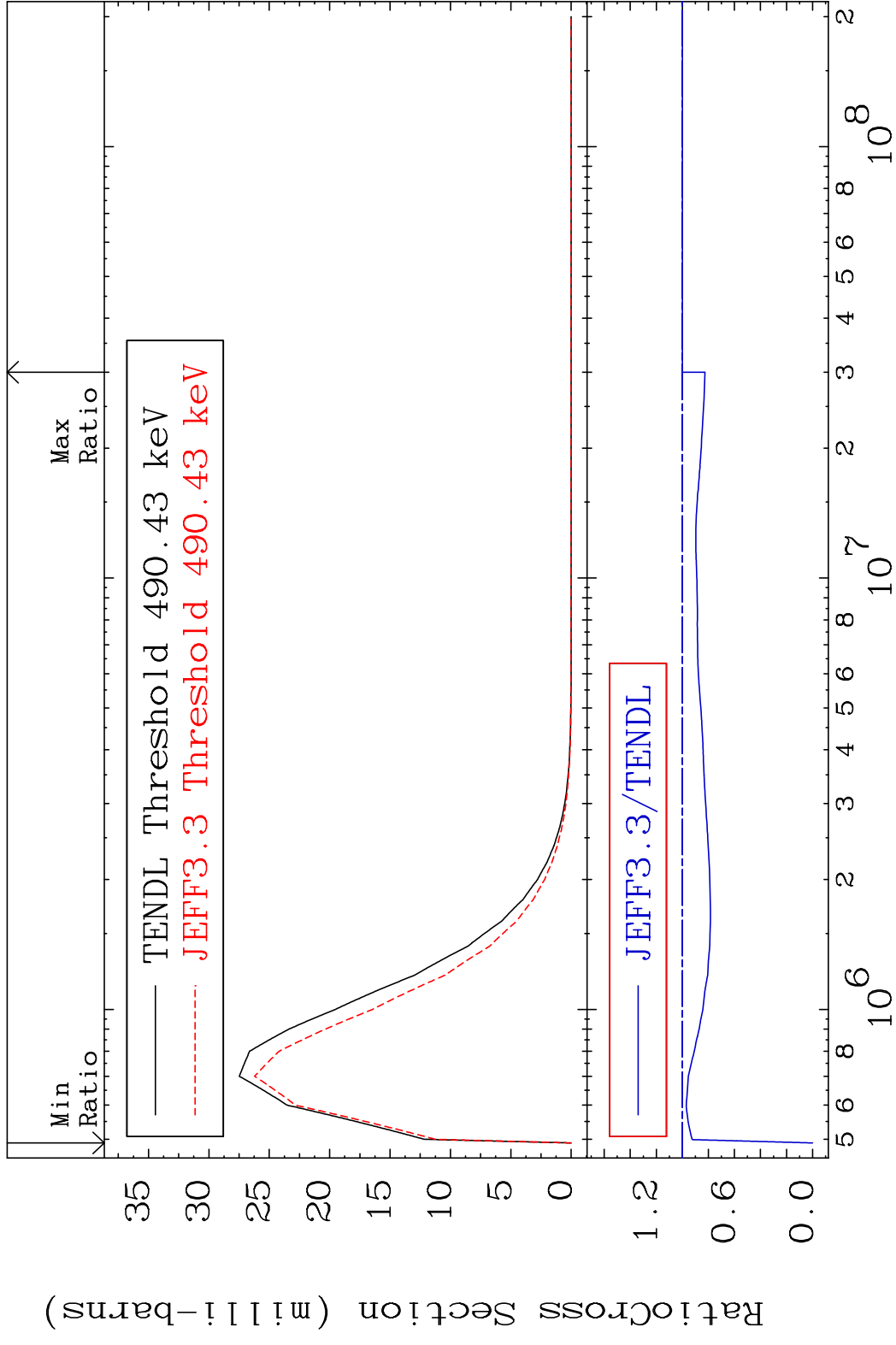
MAT 7128 MT= 67 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 8.420 %



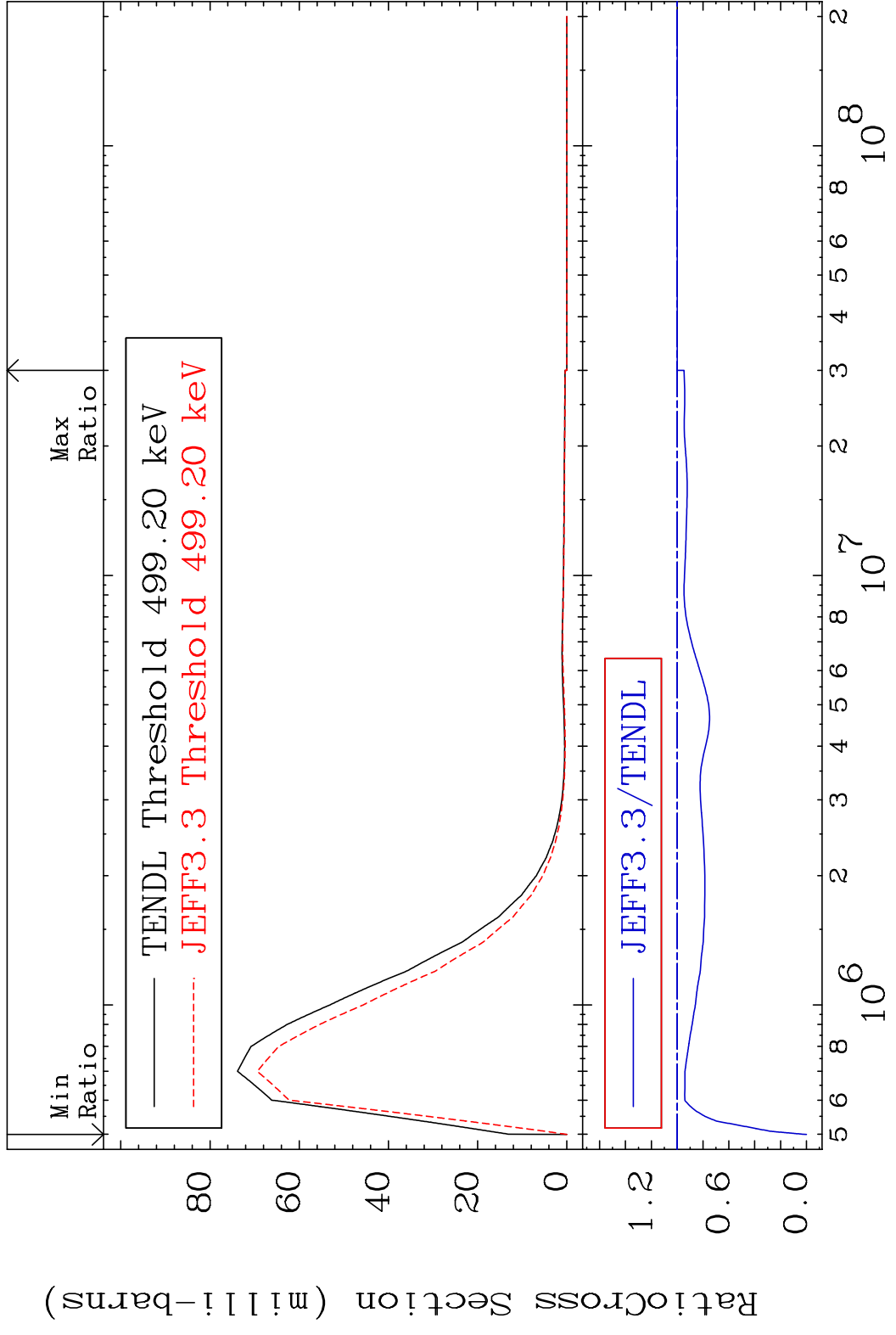
MAT 7128 MT= 68 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 30.08 %



MAT 7128 MT= 69 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 0.000 %

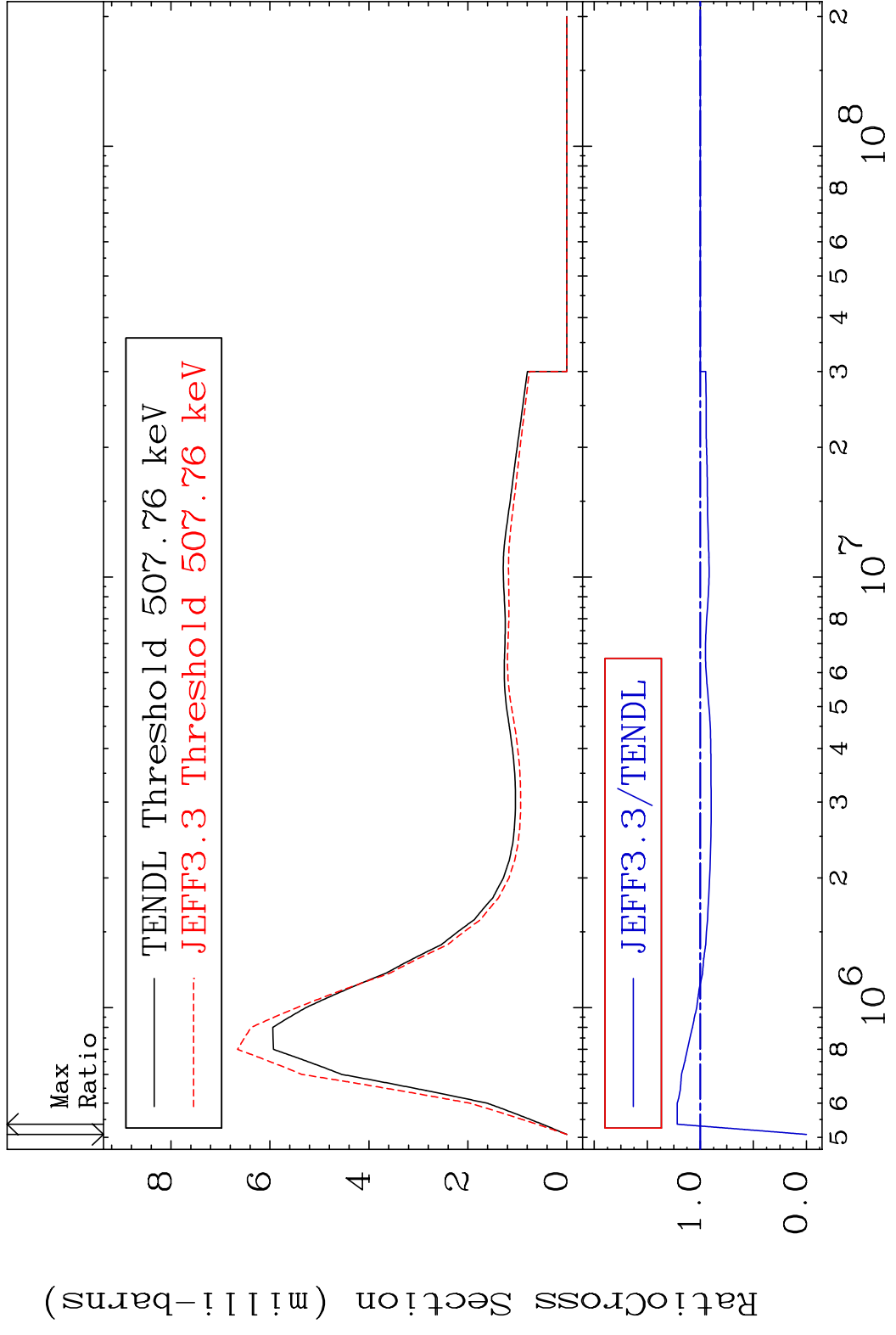


MAT 7128 MT= 70 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 0.000 %



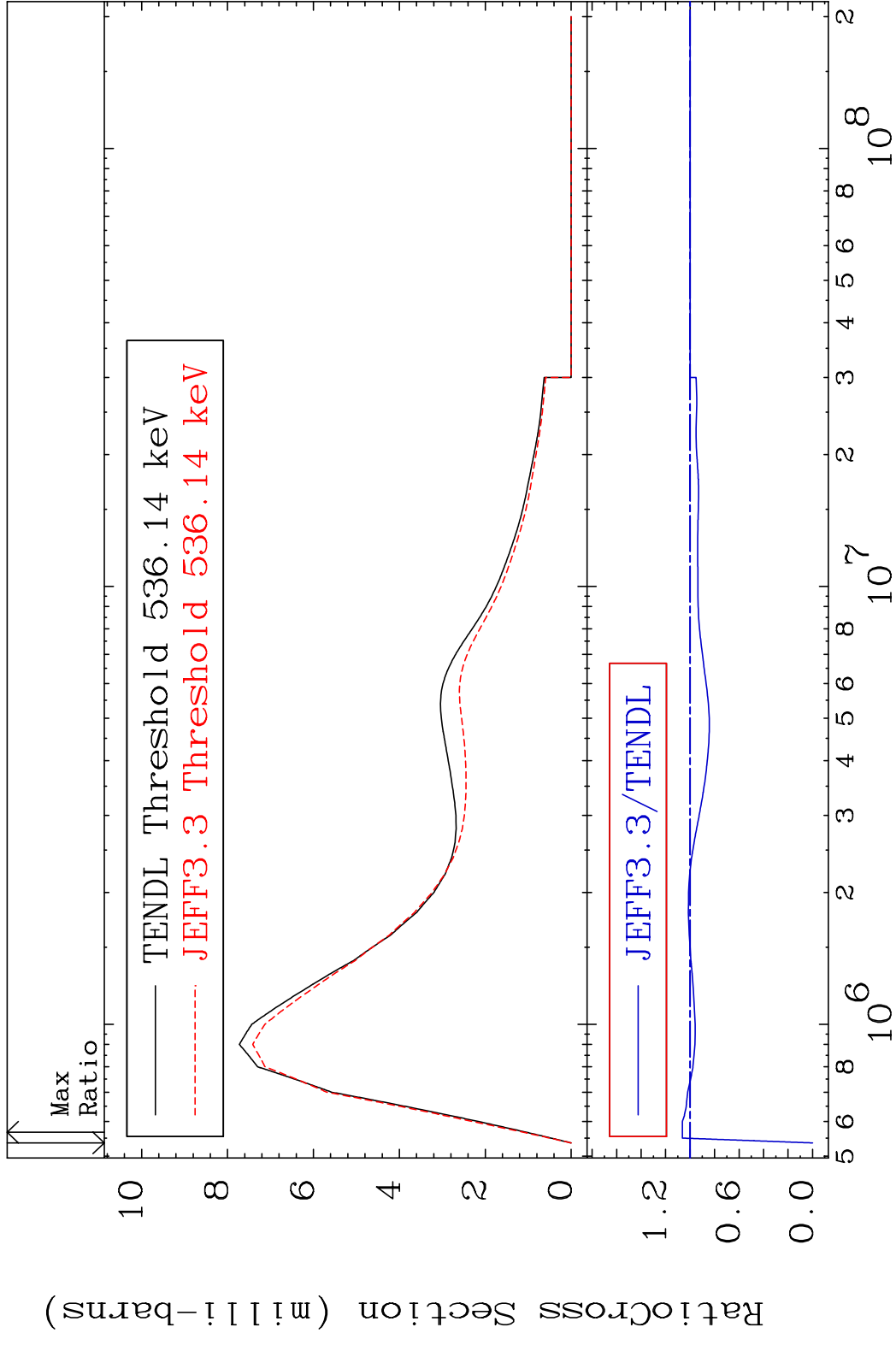


MAT 7128 MT= 71 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 21.81 %

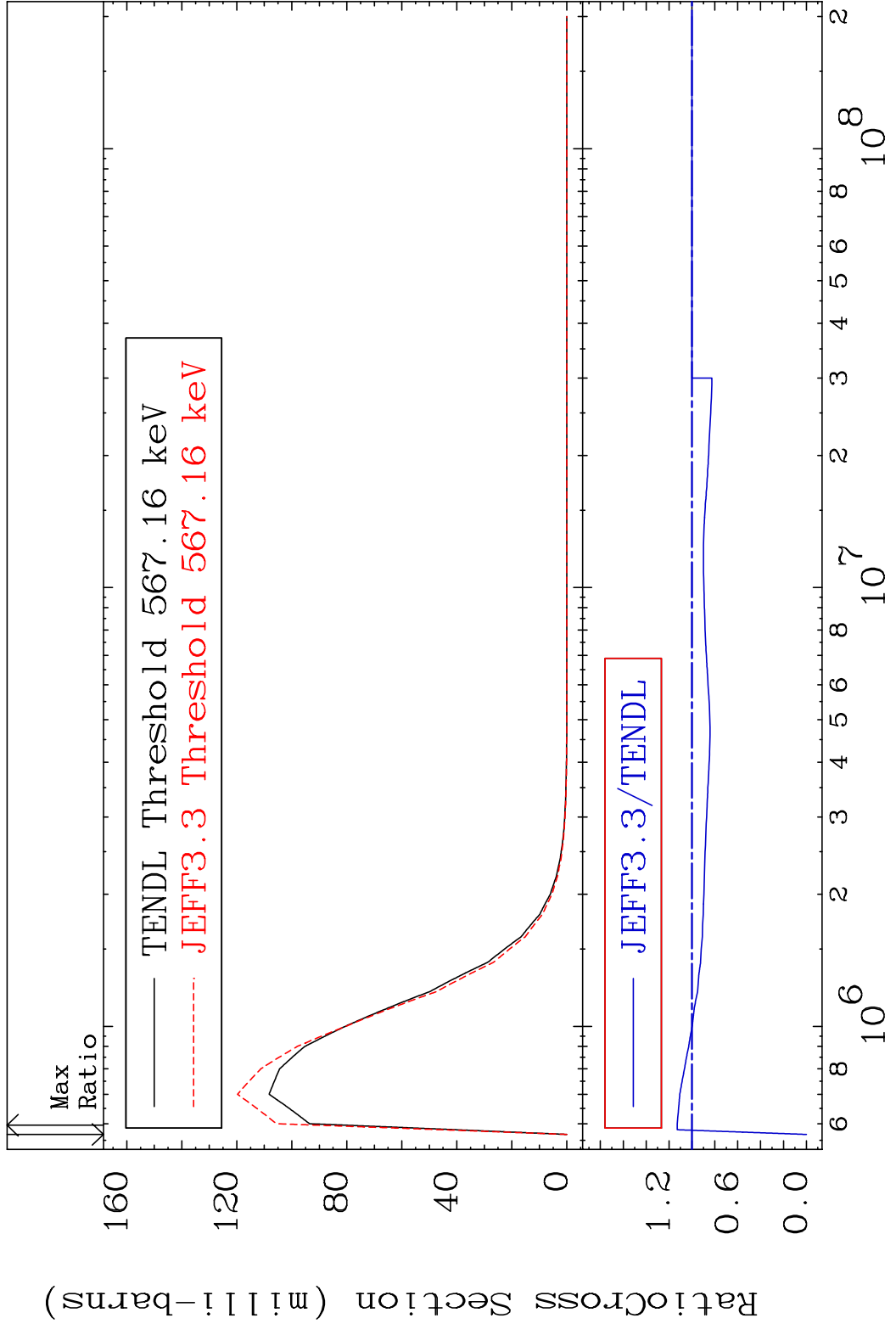


40 Incident Energy (eV) 71-Lu-176

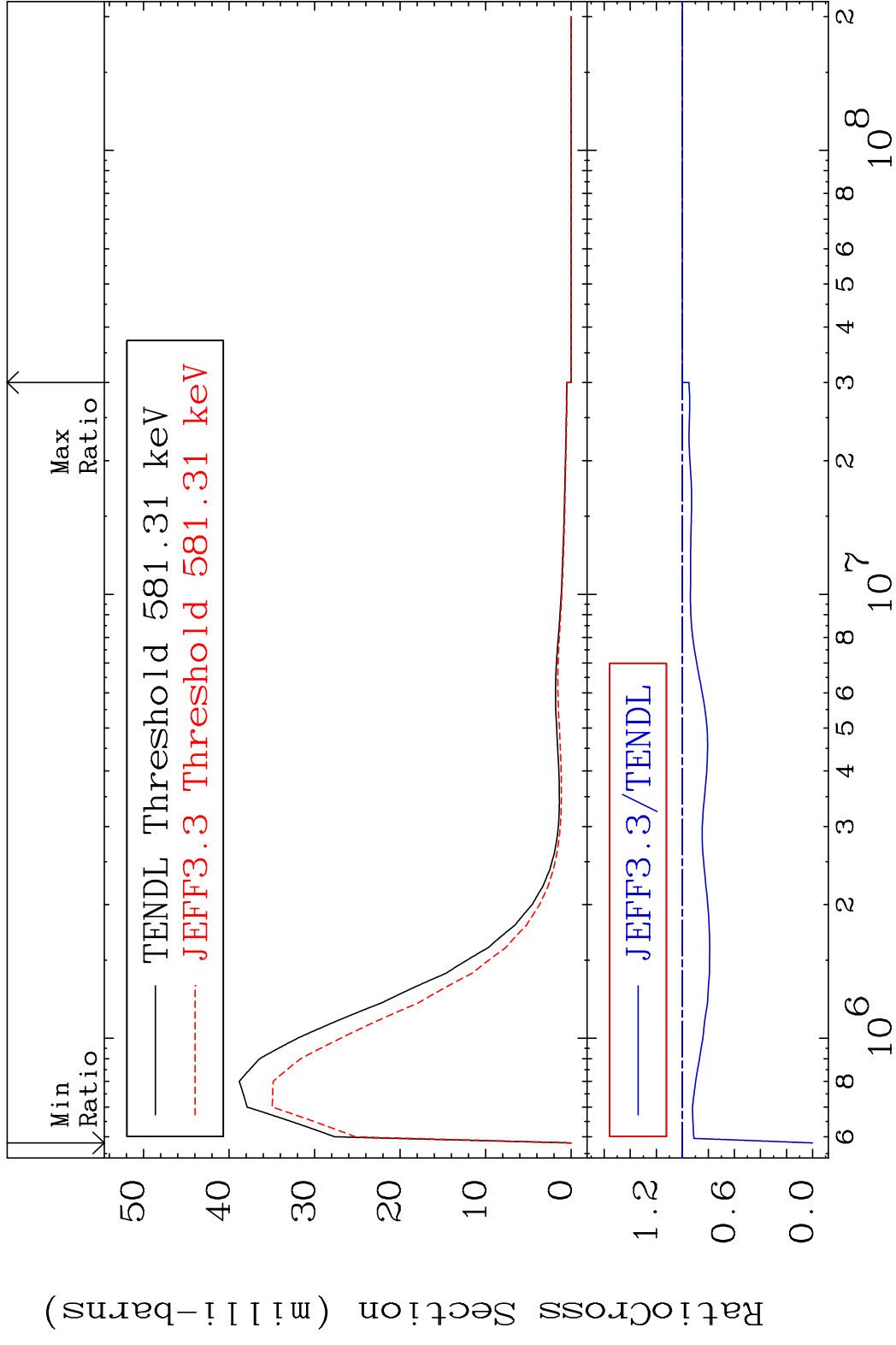
MAT 7128 MT= 72 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 6.315 %



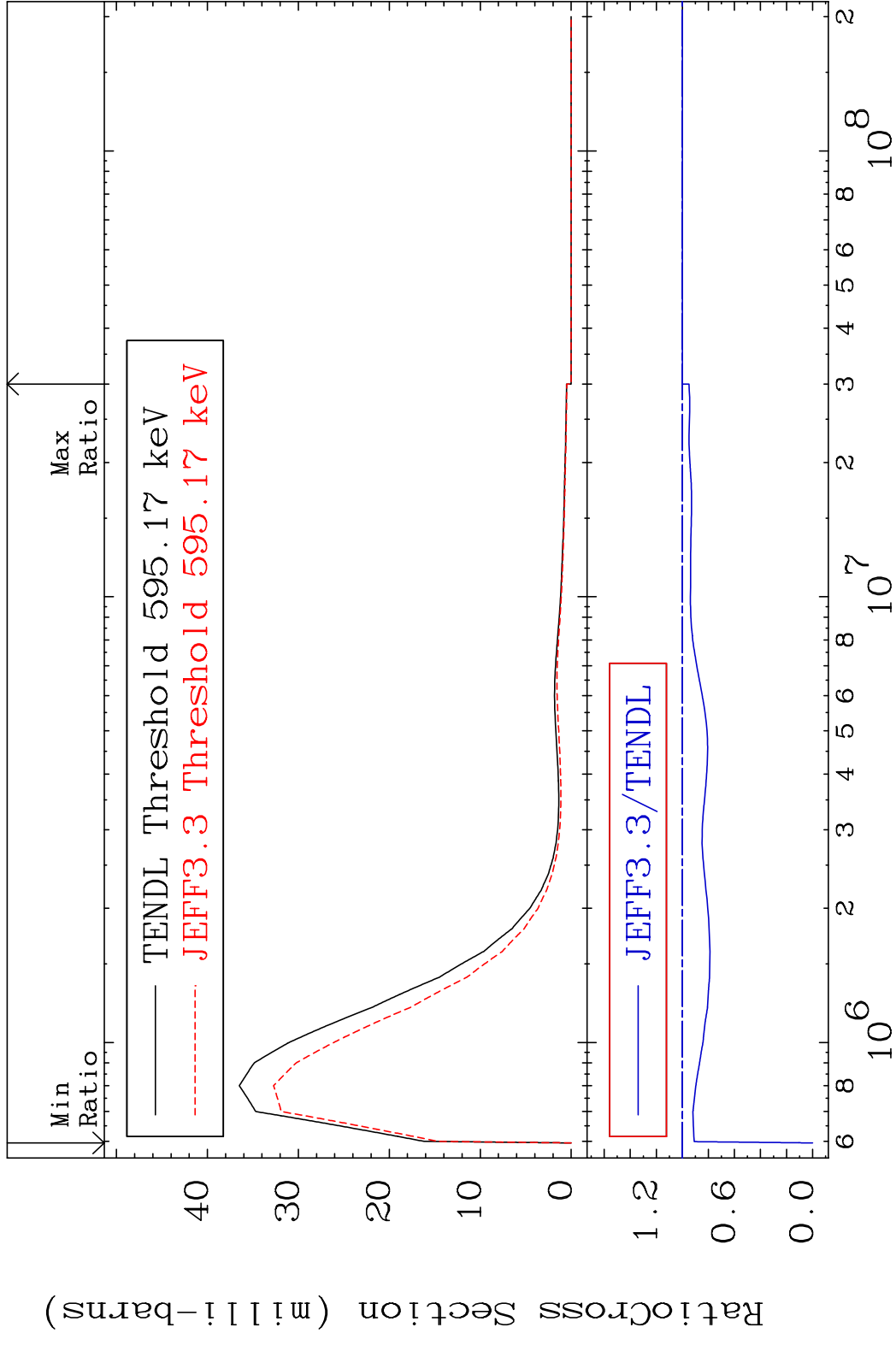
MAT 7128 MT= 73 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 12.89 %



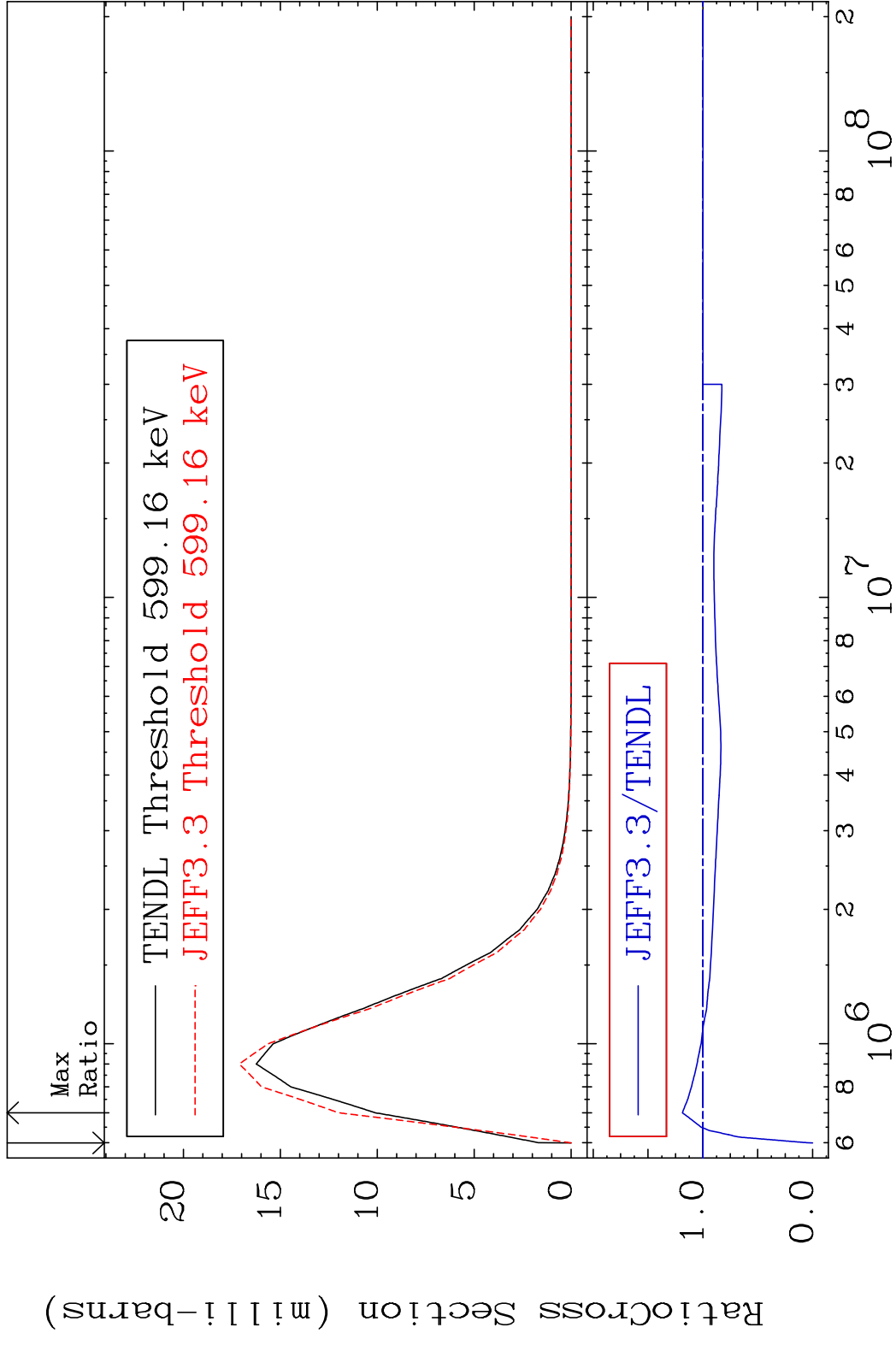
MAT 7128 MT= 74 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 0.000 %



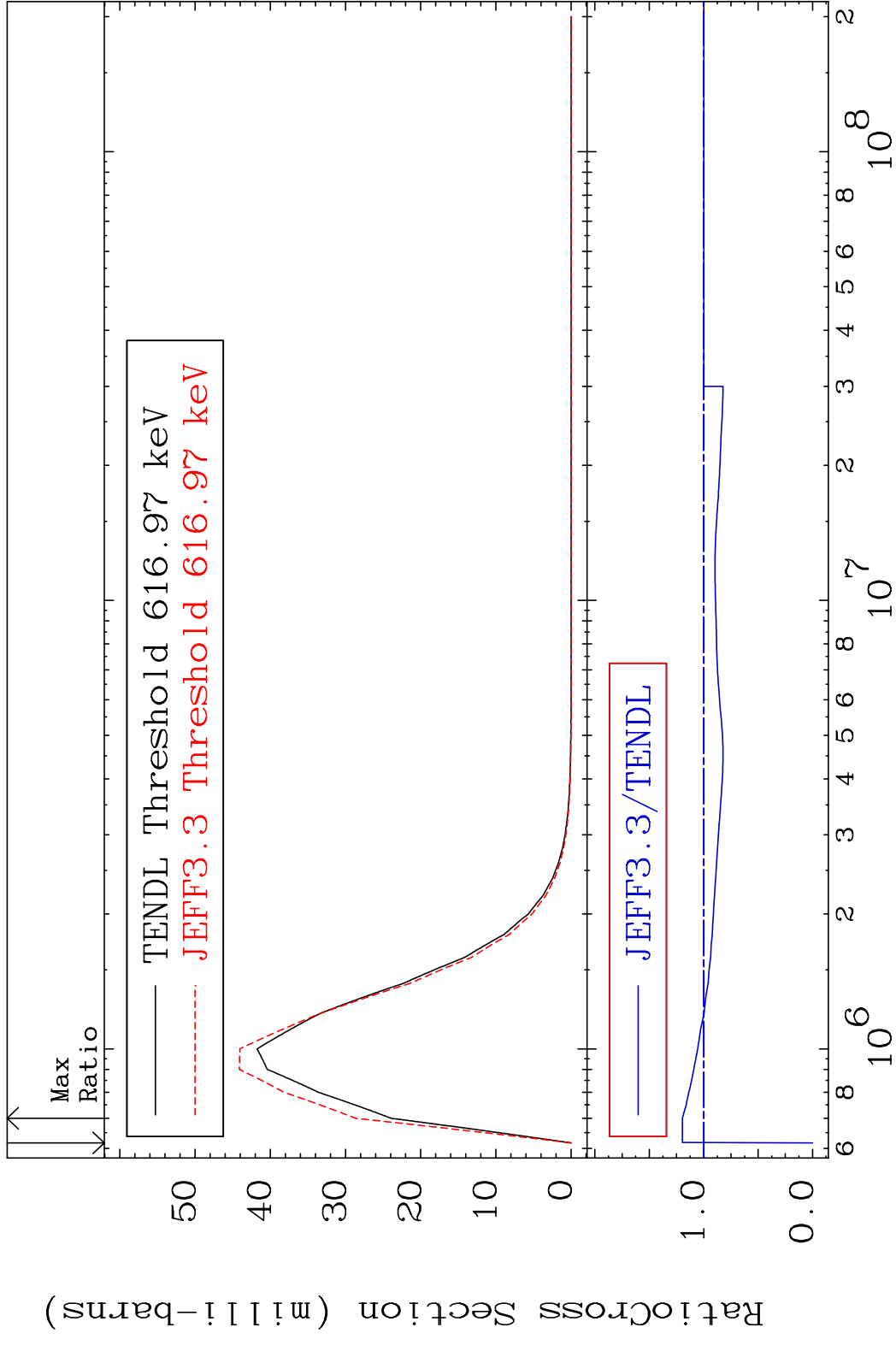
MAT 7128 MT= 75 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 0.000 %



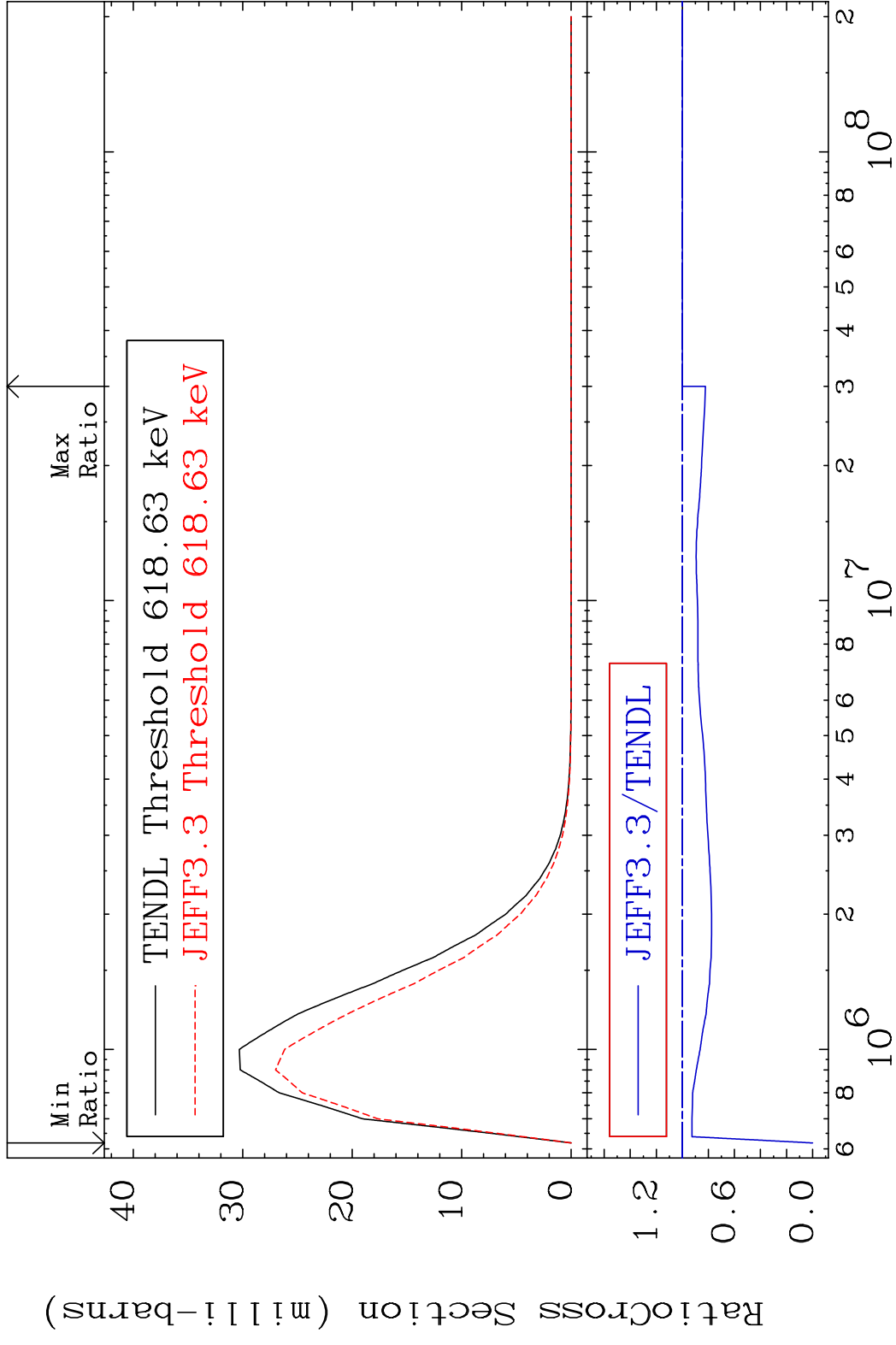
MAT 7128 MT= 76 (n,n') Level 71-Lu-176  
 Cross Section -100.0 To 18.71 %



MAT 7128 MT= 77 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 19.65 %

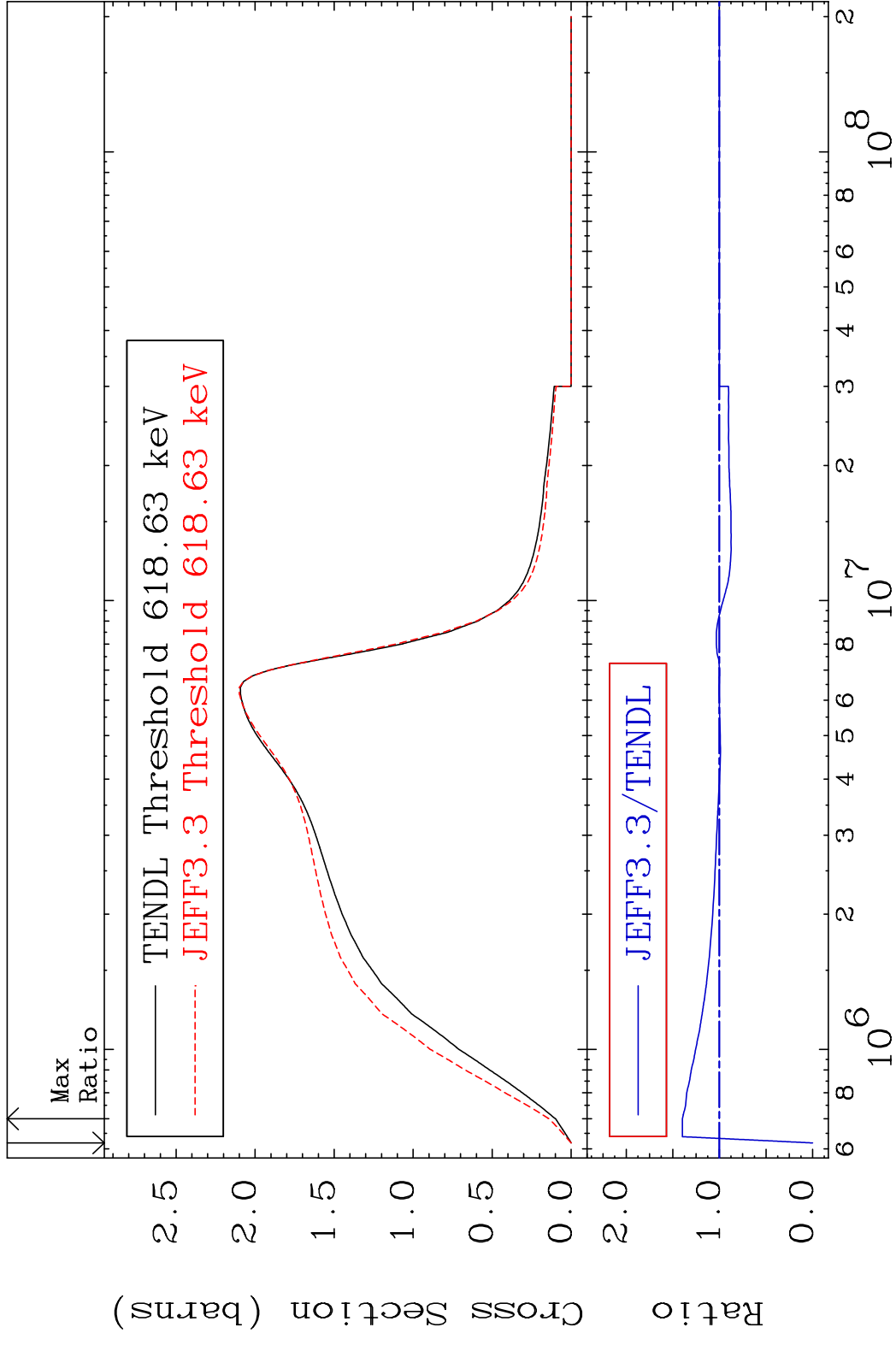


MAT 7128 MT= 78 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 0.000 %





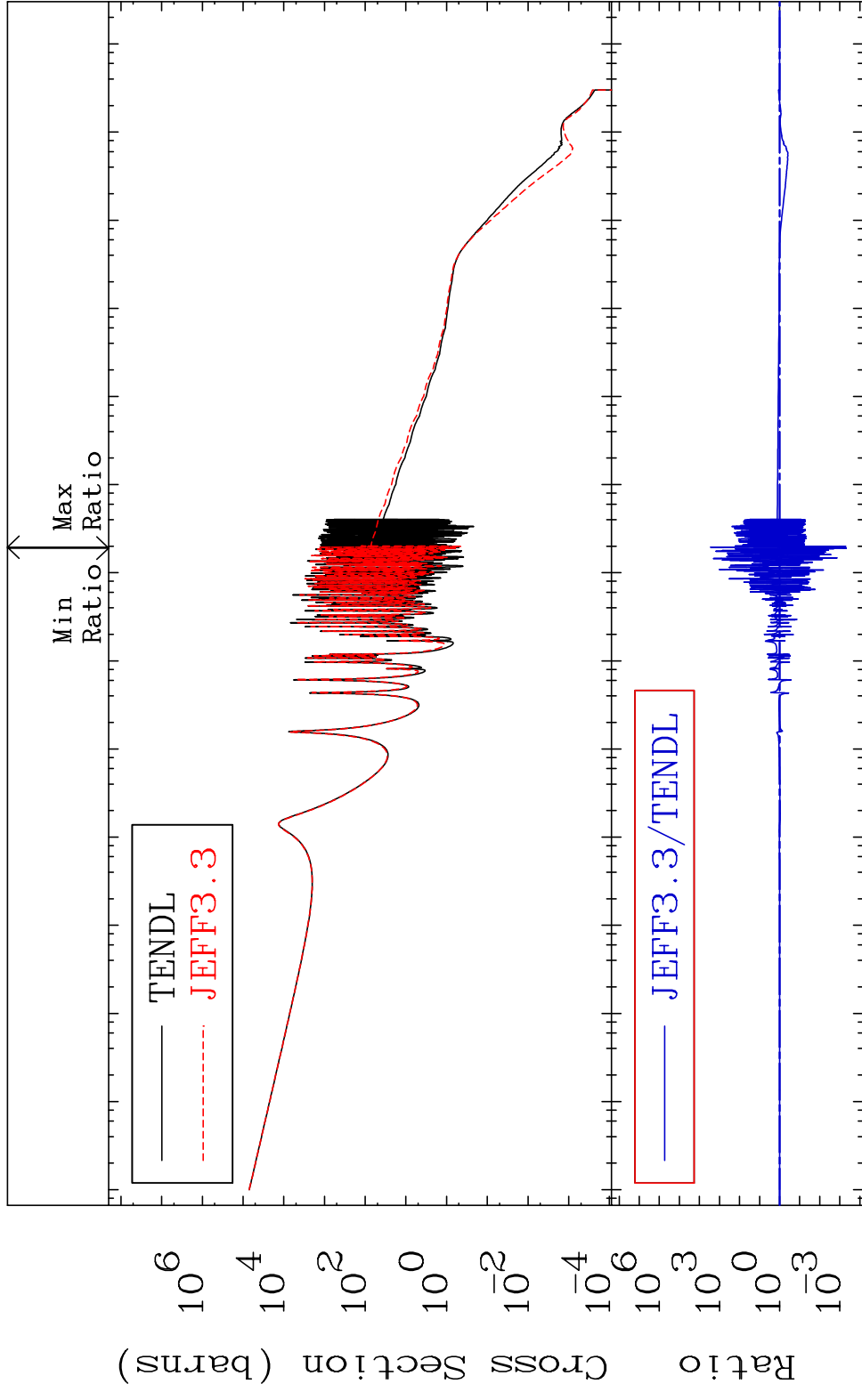
MAT 7128 (n, n') Continuum 71-Lu-176  
 Cross Section -100.0 To 39.79 %



MAT 7128

(n,  $\gamma$ )  
Cross Section -99.95 To 9999. %

71-Lu-176



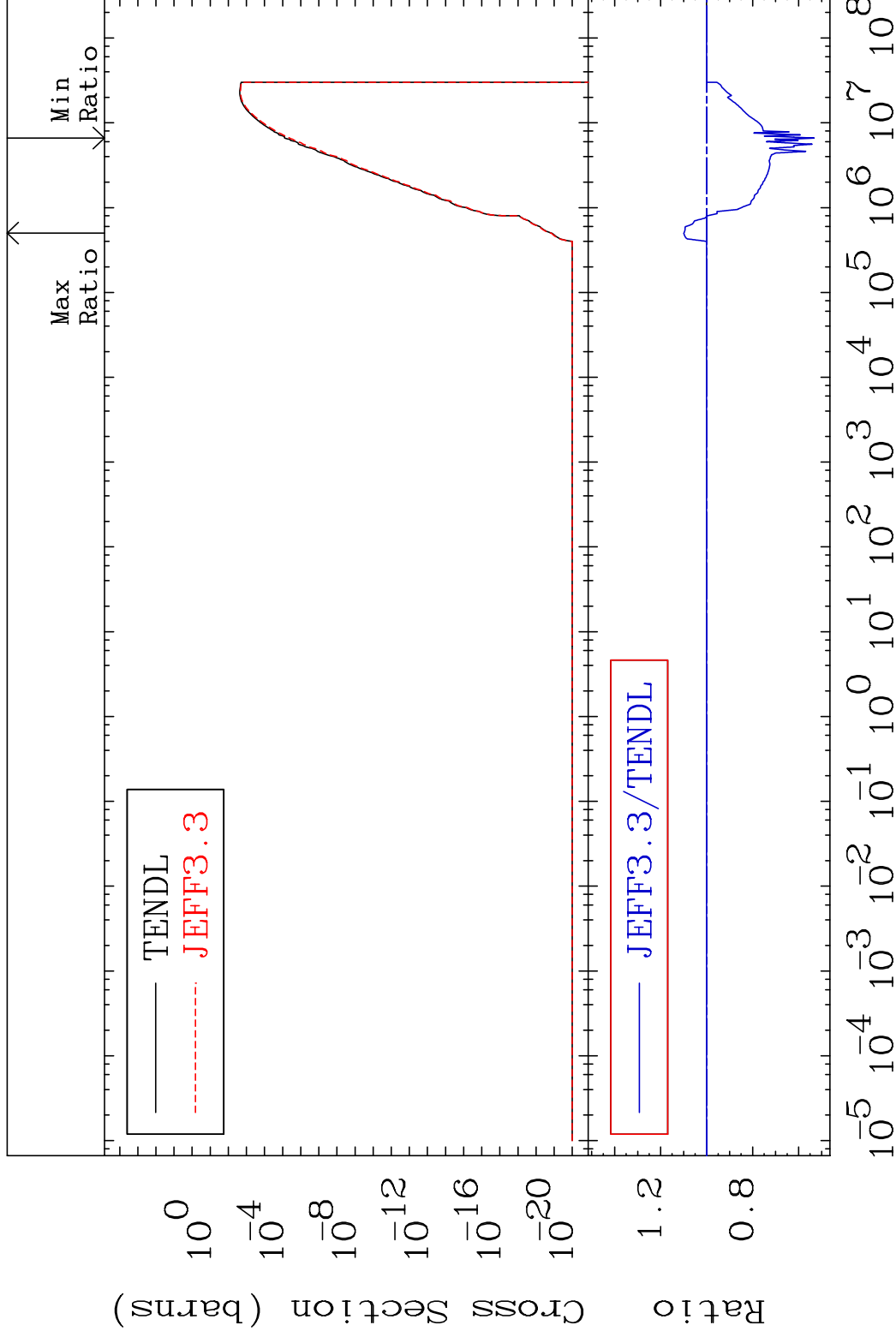
MAT 7128

(n, p)

71-Lu-176

Cross Section

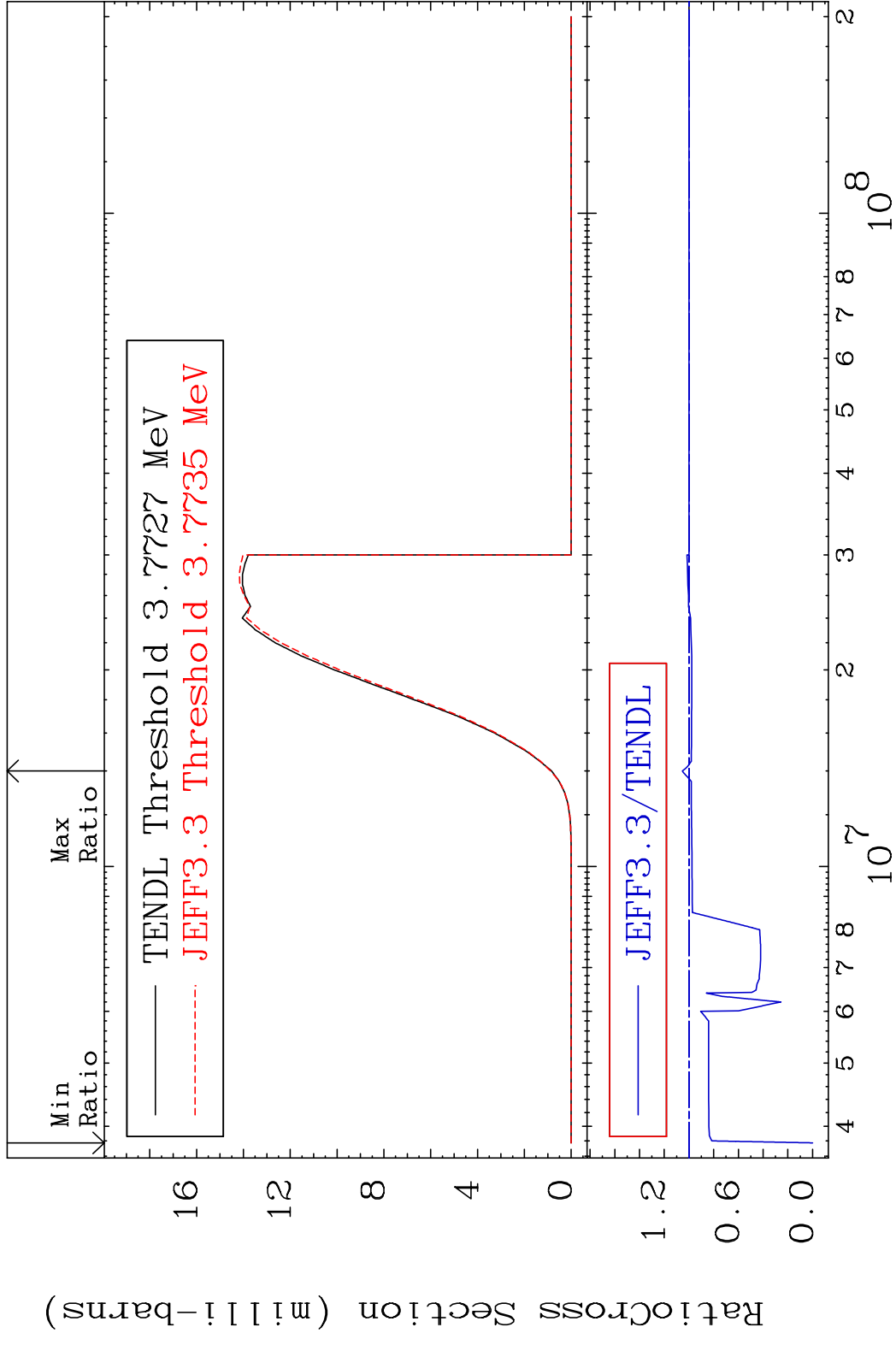
-46.74 To 9.994 %



50

Incident Energy (eV)

71-Lu-176

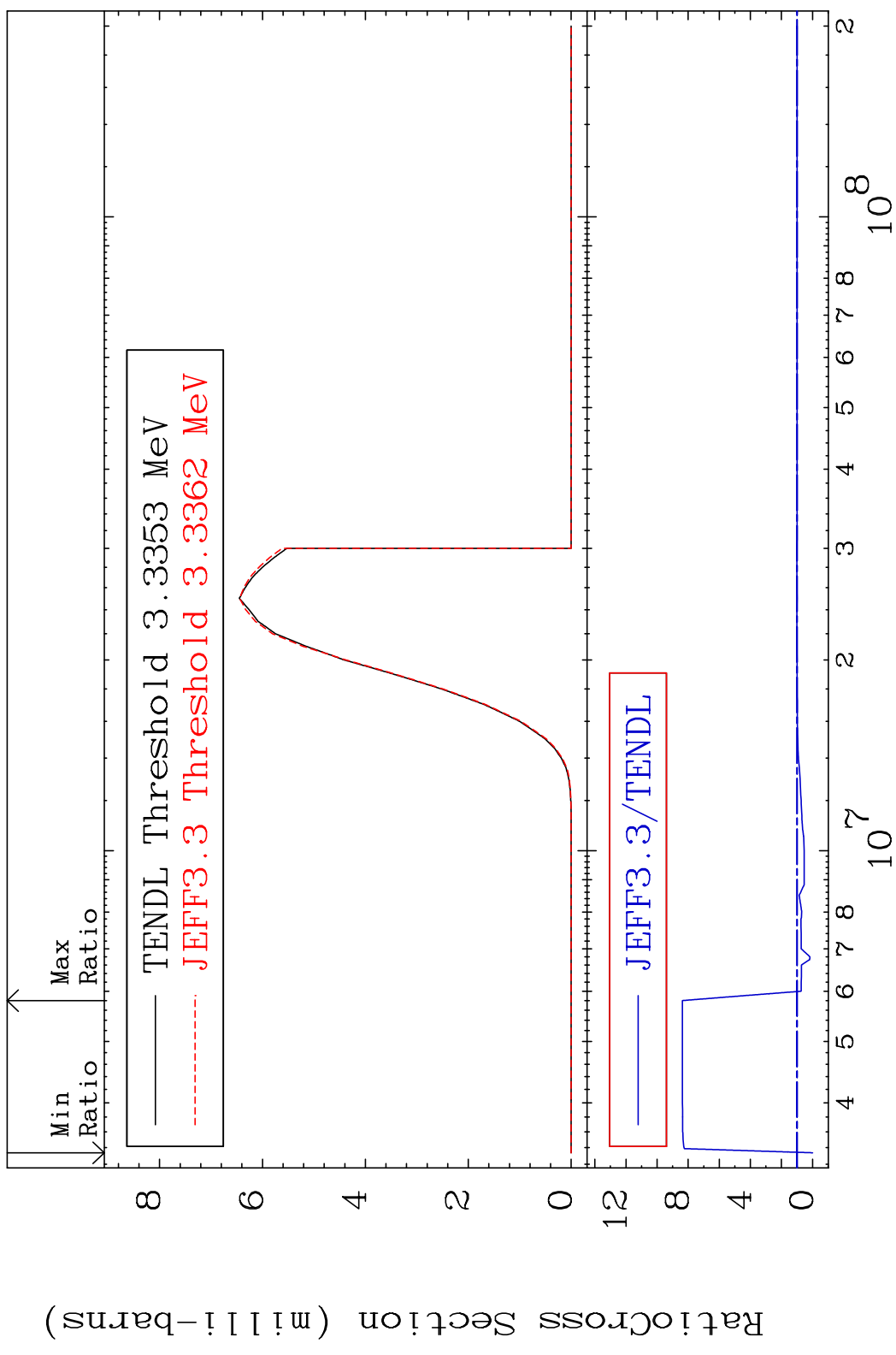


MAT 7128

(n, t)

71-Lu-176

Cross Section -100.0 To 737.4 %

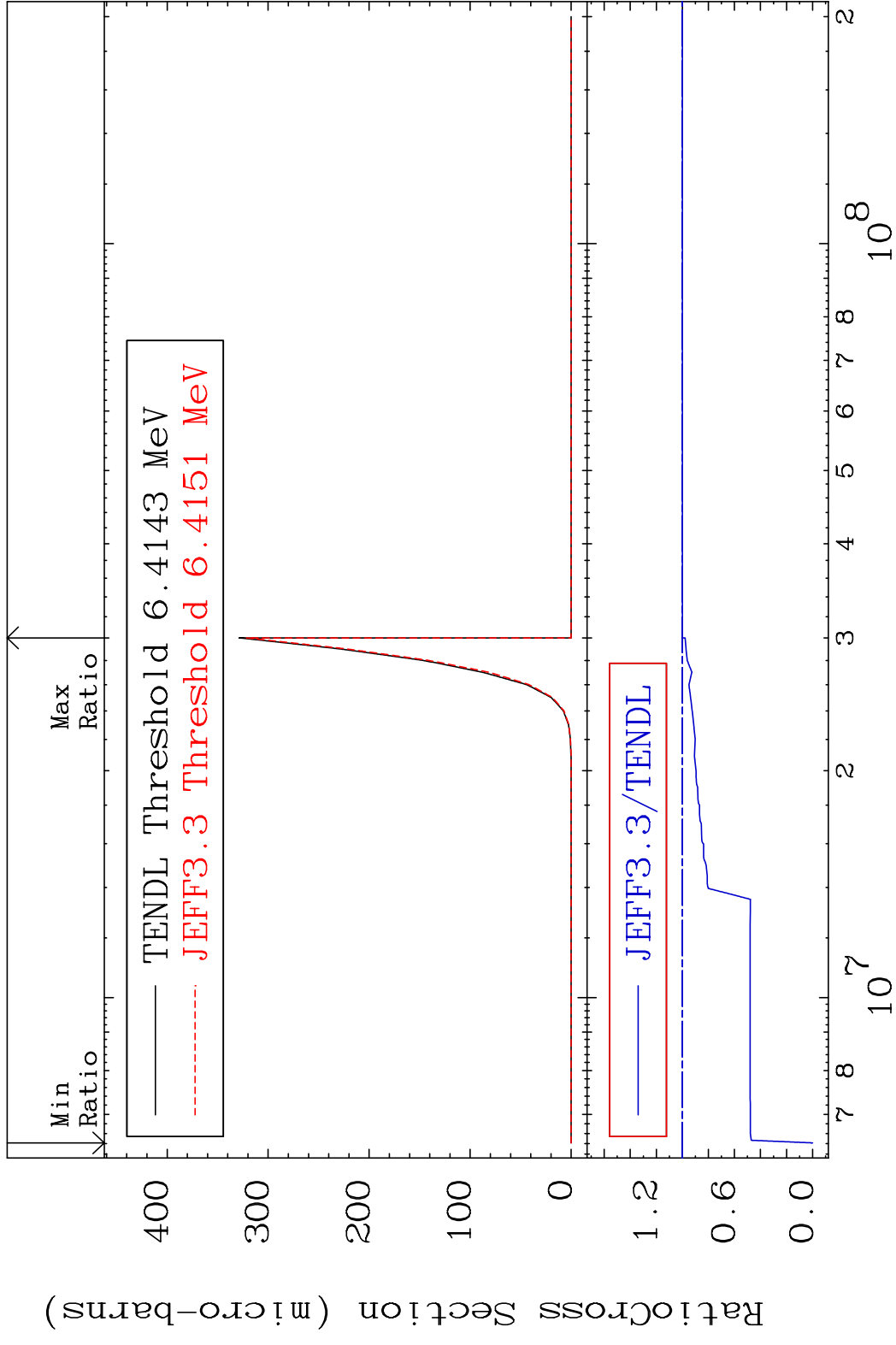


MAT 7128

(n, He-3)

71-Lu-176

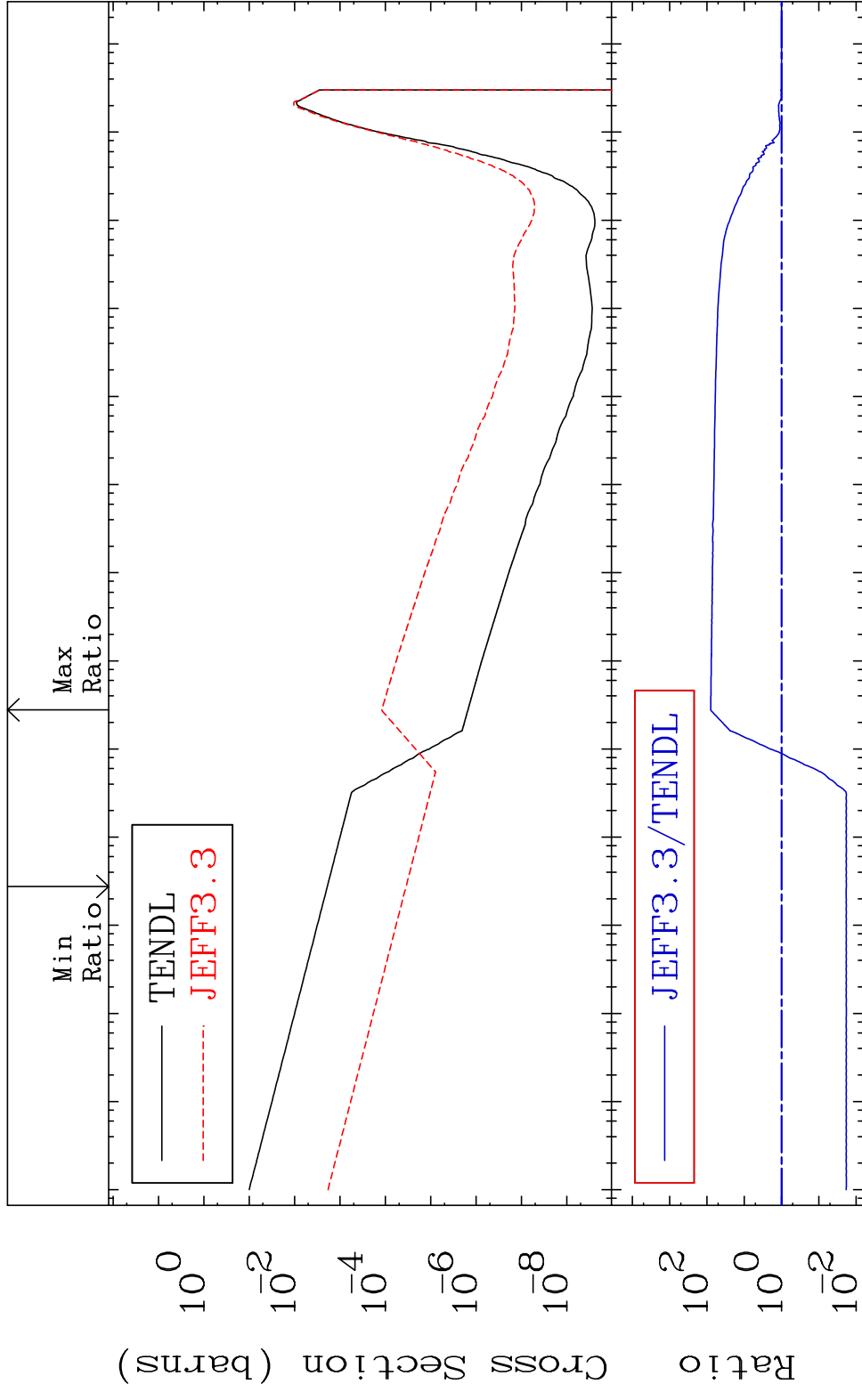
Cross Section -100.0 To 0.000 %



MAT 7128

71-Lu-176

(n,  $\alpha$ )  
Cross Section -98.17 To 7830. %

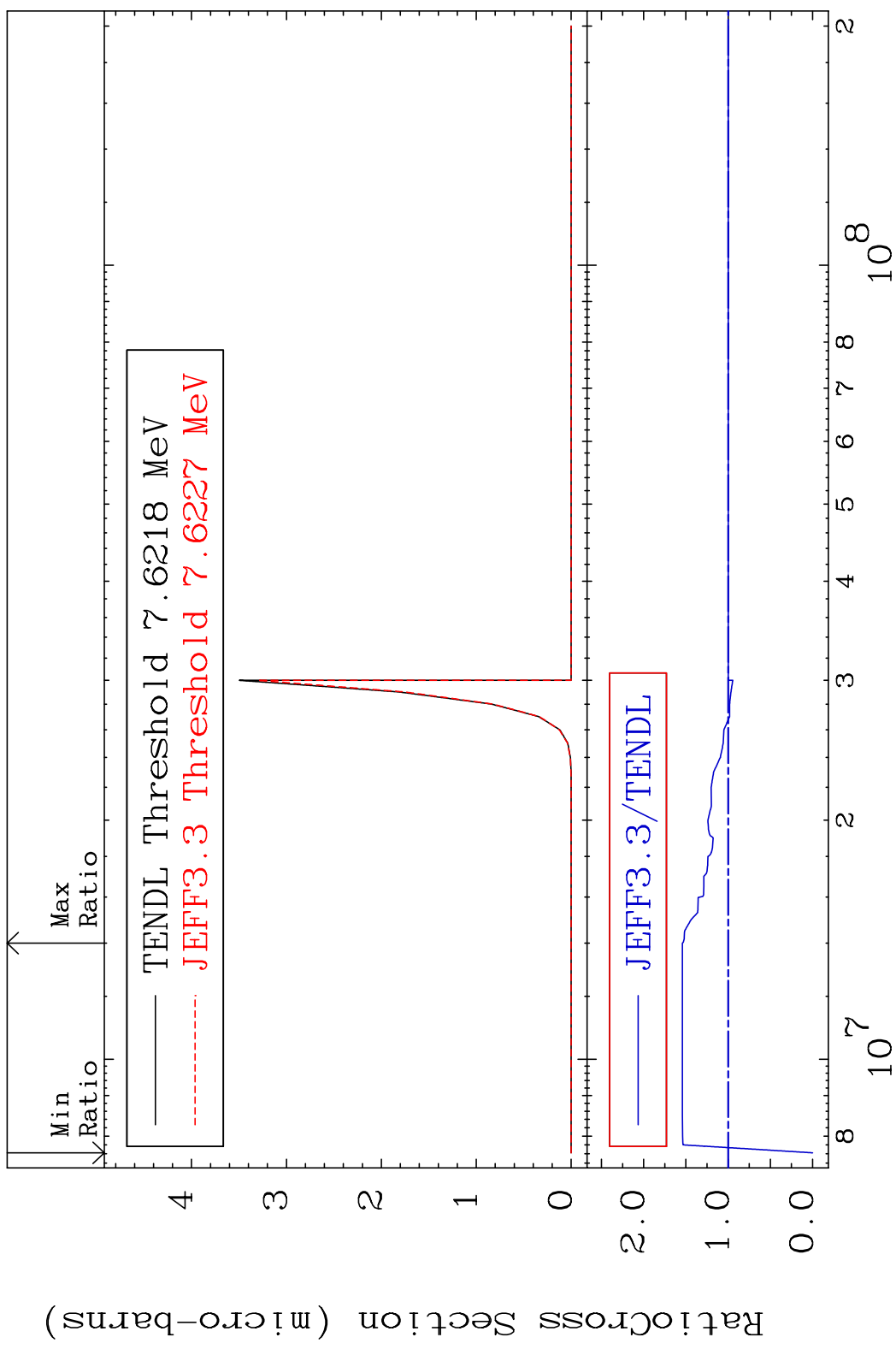


MAT 7128

(n,2p)

71-Lu-176

Cross Section -100.0 To 54.19 %



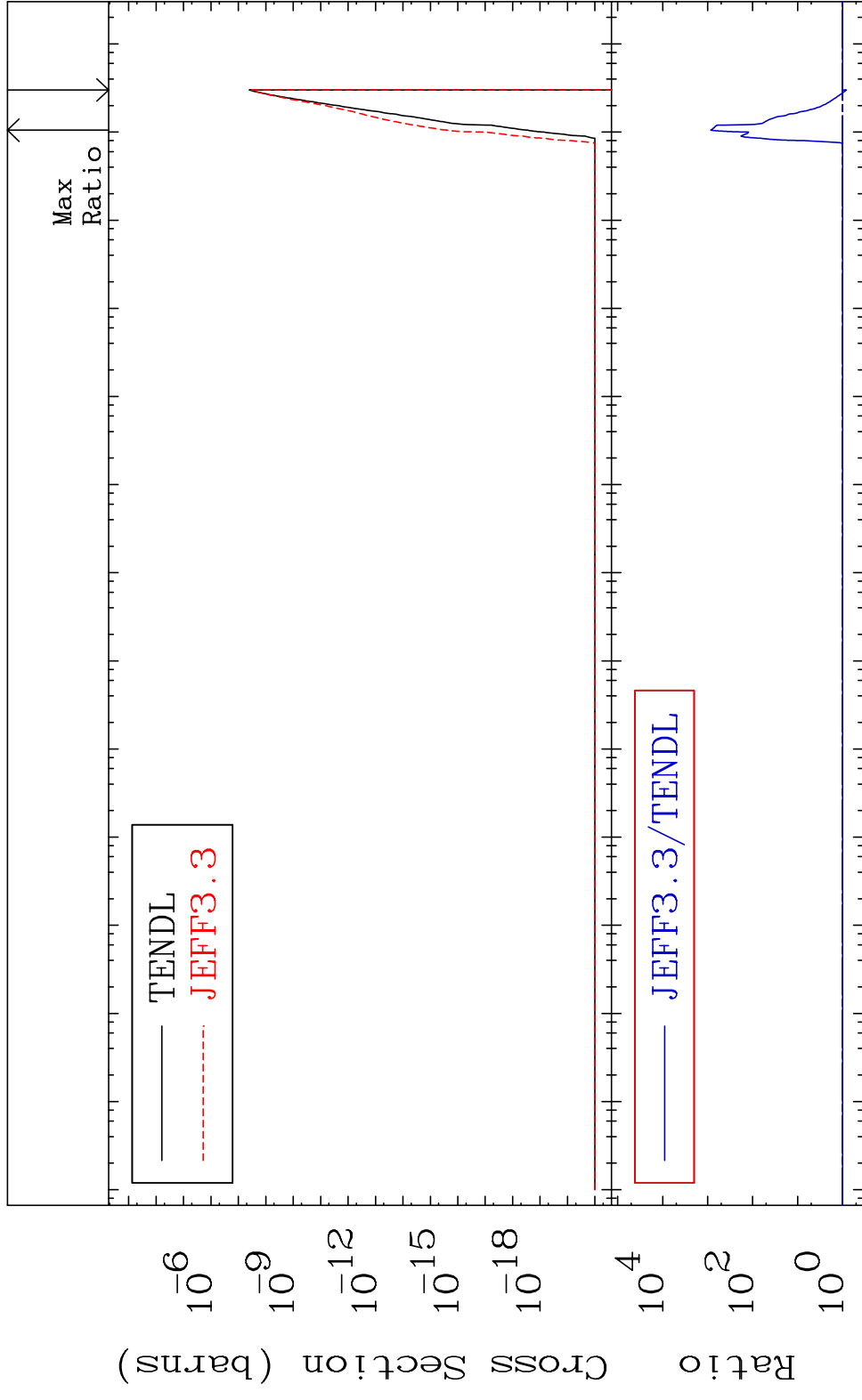


MAT 7128

(n,p)  $\alpha$

71-Lu-176

Cross Section -17.23 To 9999. %

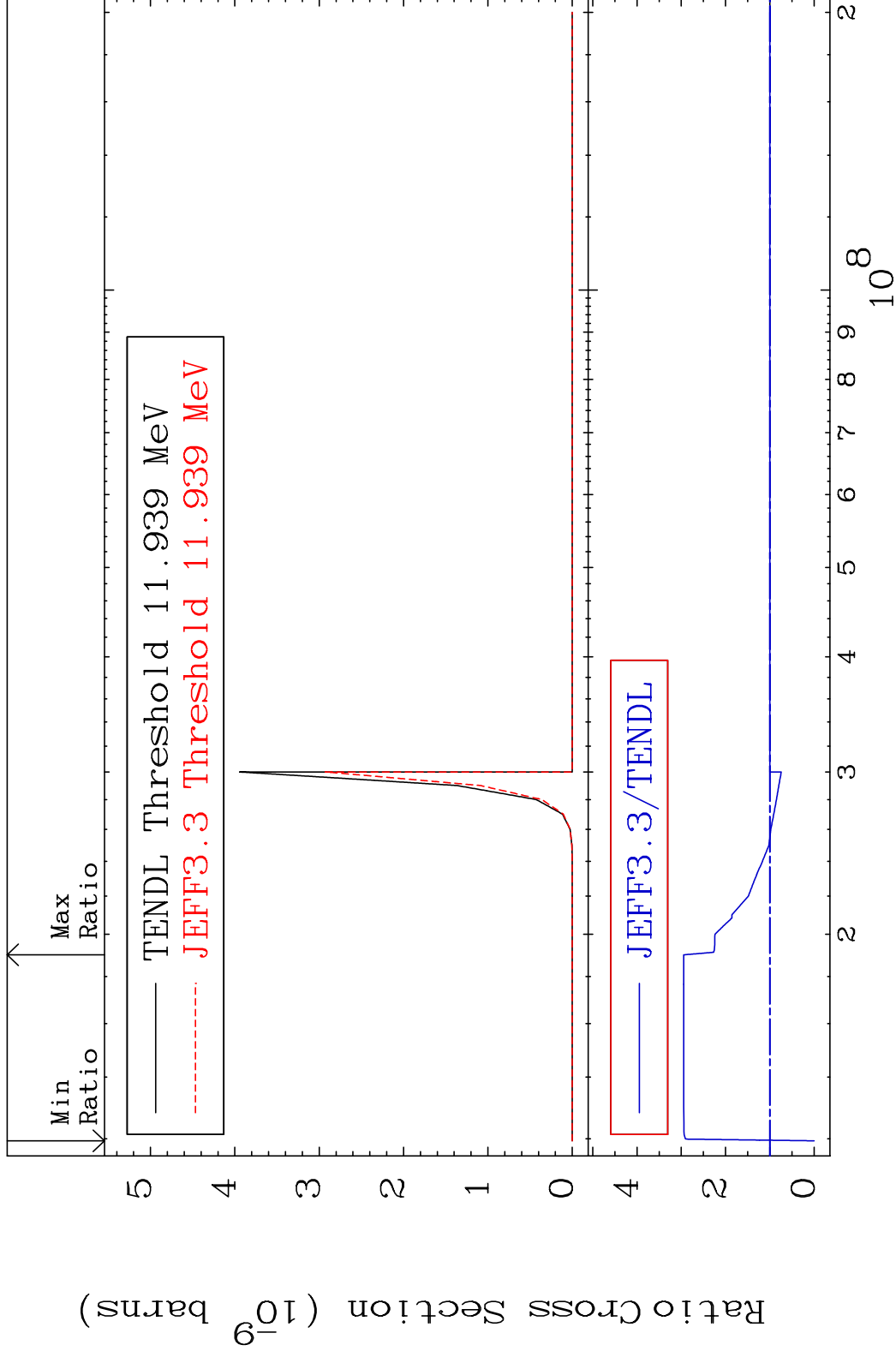


MAT 7128

(n,p) d

71-Lu-176

Cross Section -100.0 To 194.6 %



57

Incident Energy (eV)

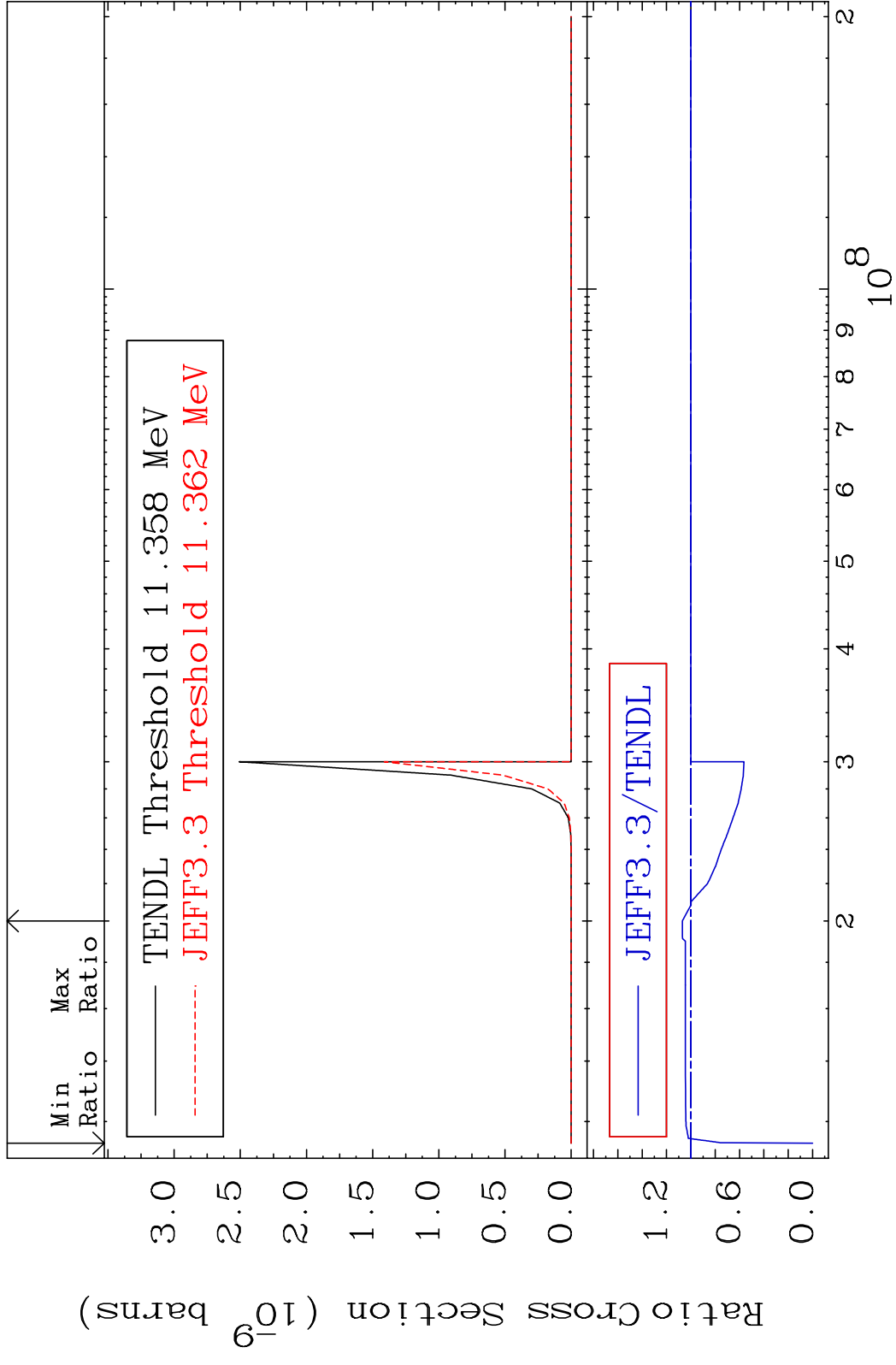
71-Lu-176

MAT 7128

(n,p) t

71-Lu-176

Cross Section -100.0 To 7.000 %

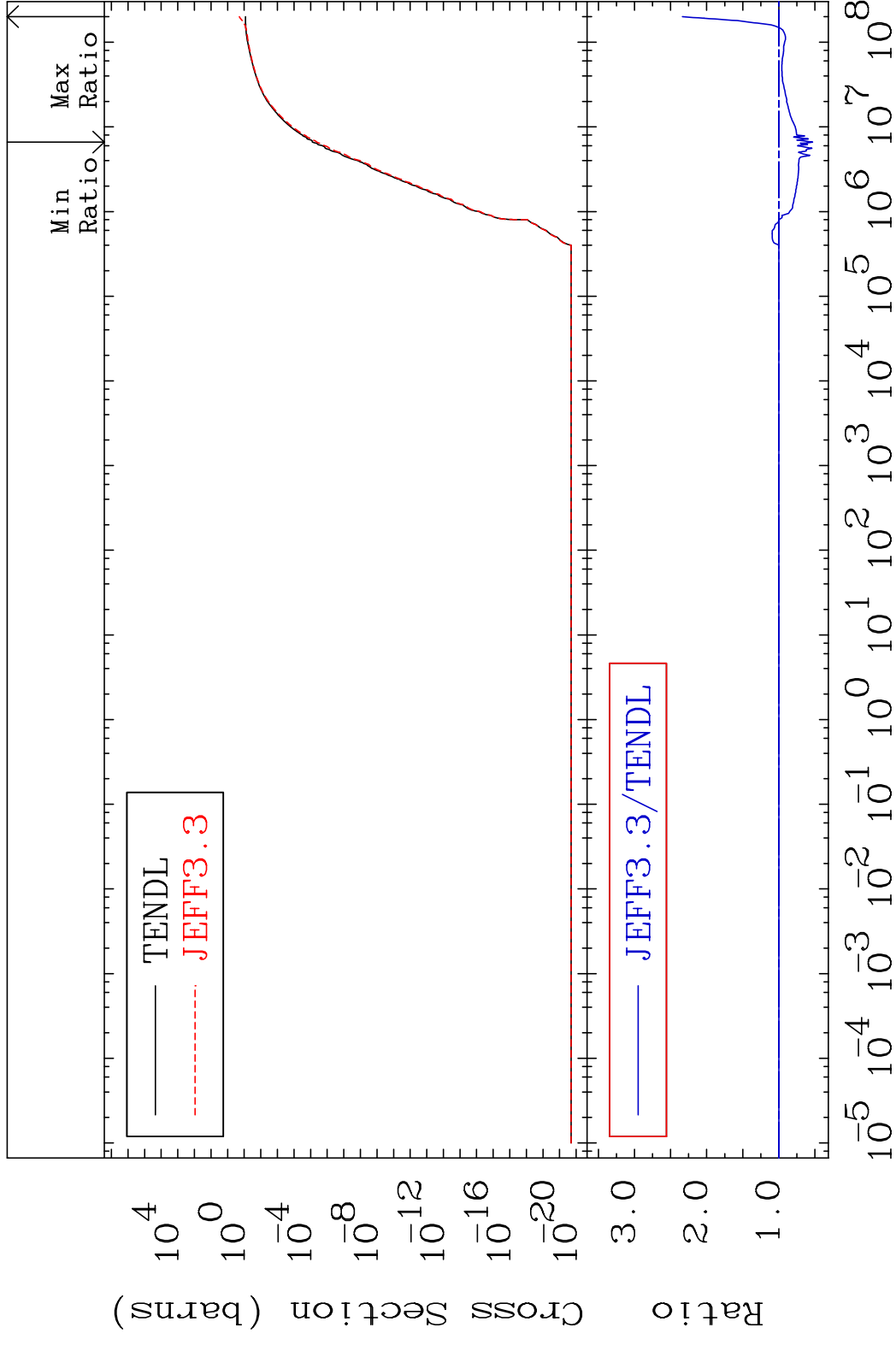


MAT 7128

Hydrogen Production

71-Lu-176

Cross Section -46.74 To 133.7 %



59

Incident Energy (eV)

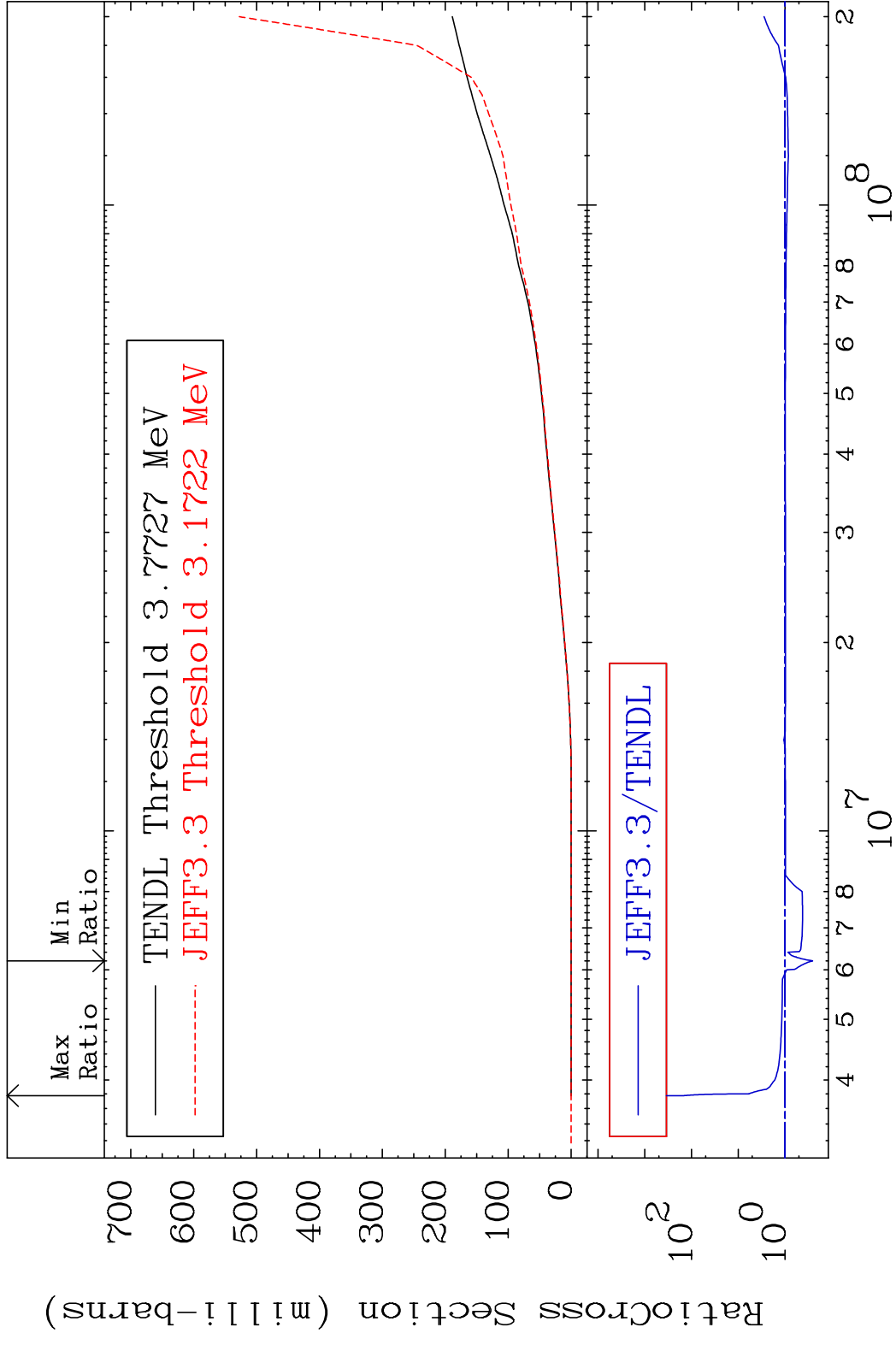
71-Lu-176

MAT 7128

Deuterium Production

71-Lu-176

Cross Section -74.36 To 9999. %



60

Incident Energy (eV)

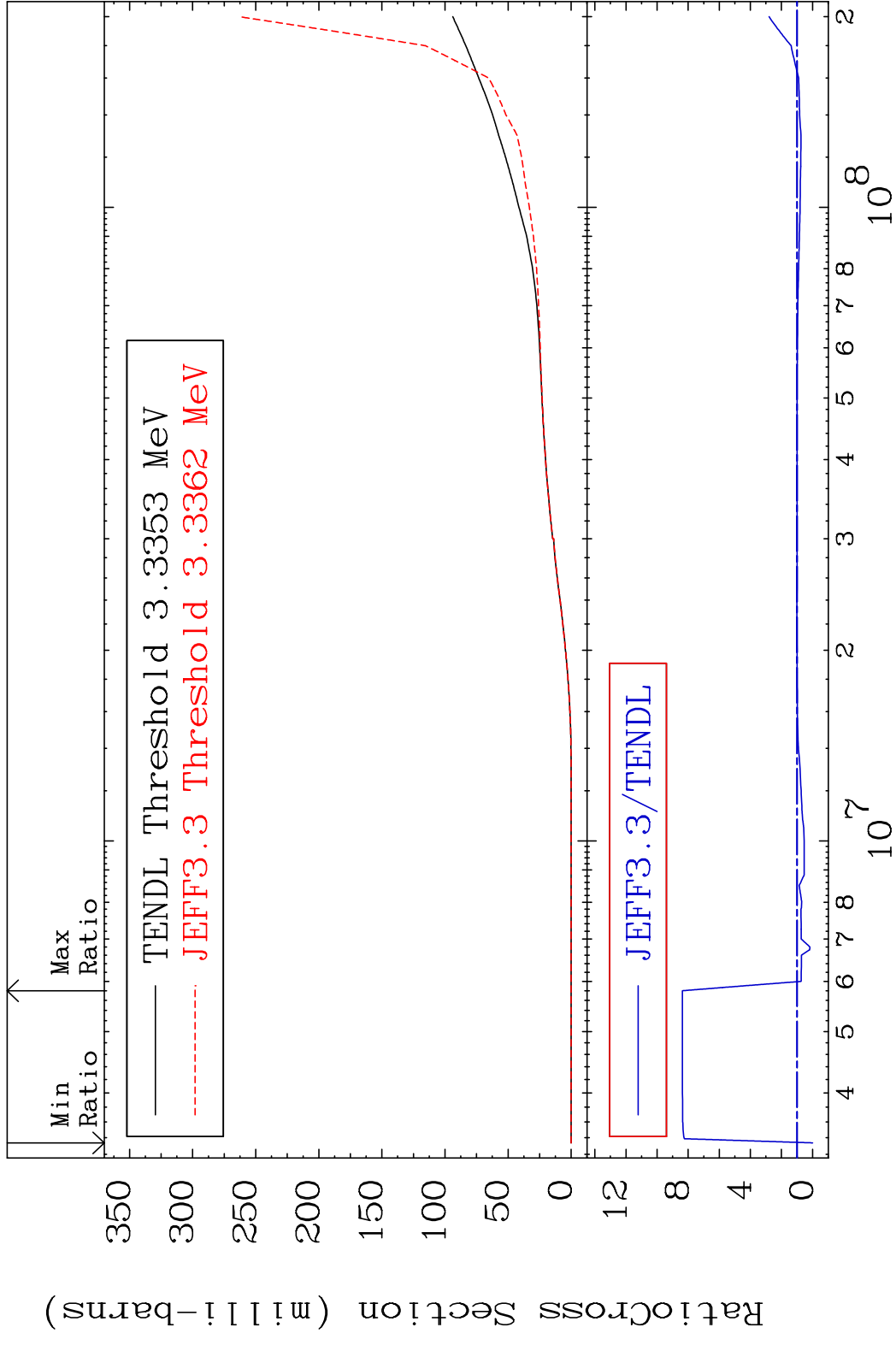
71-Lu-176

MAT 7128

Tritium Production

71-Lu-176

Cross Section -100.0 To 737.4 %

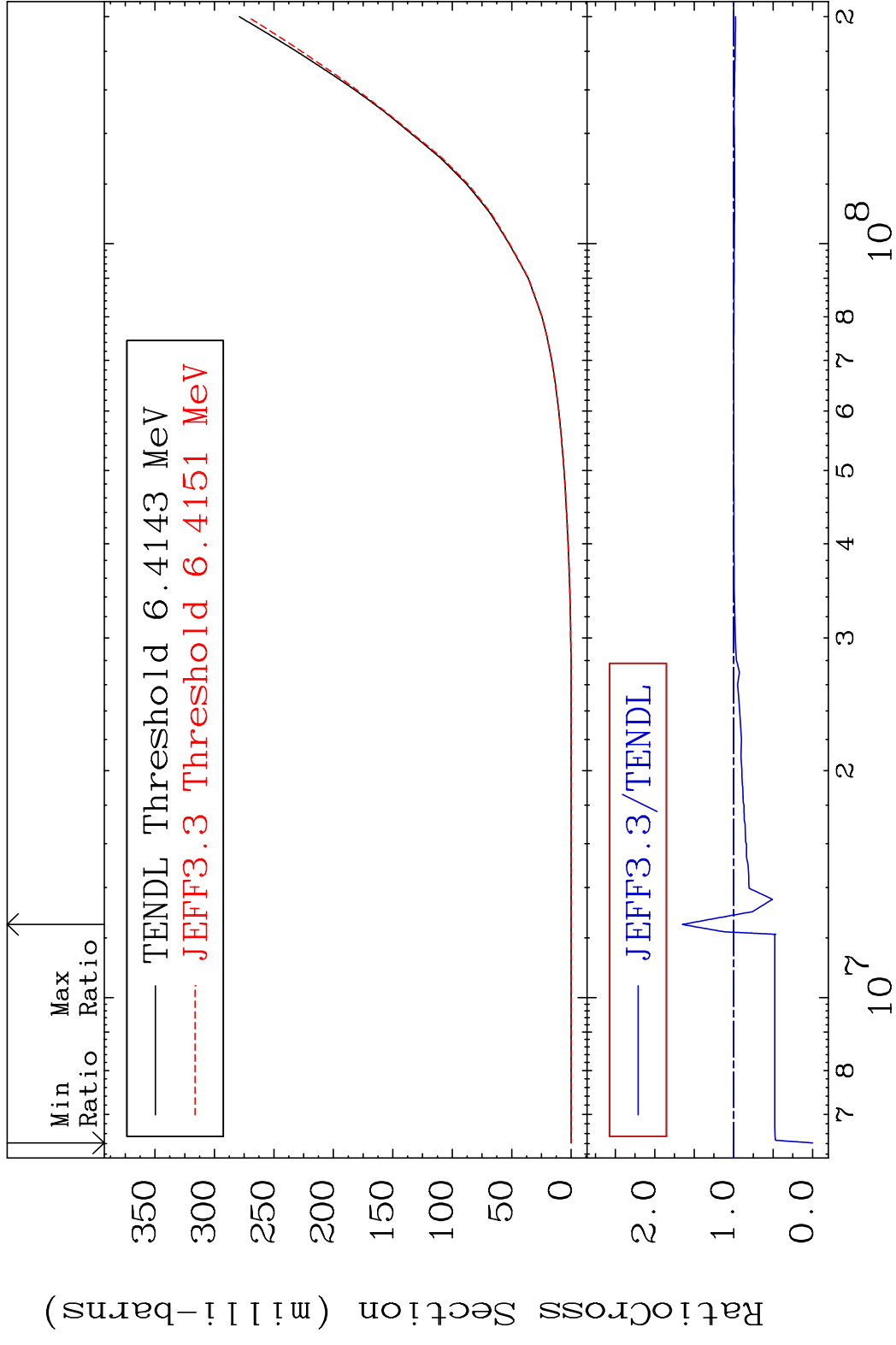


MAT 7128

He-3 Production

71-Lu-176

Cross Section -100.0 To 65.02 %

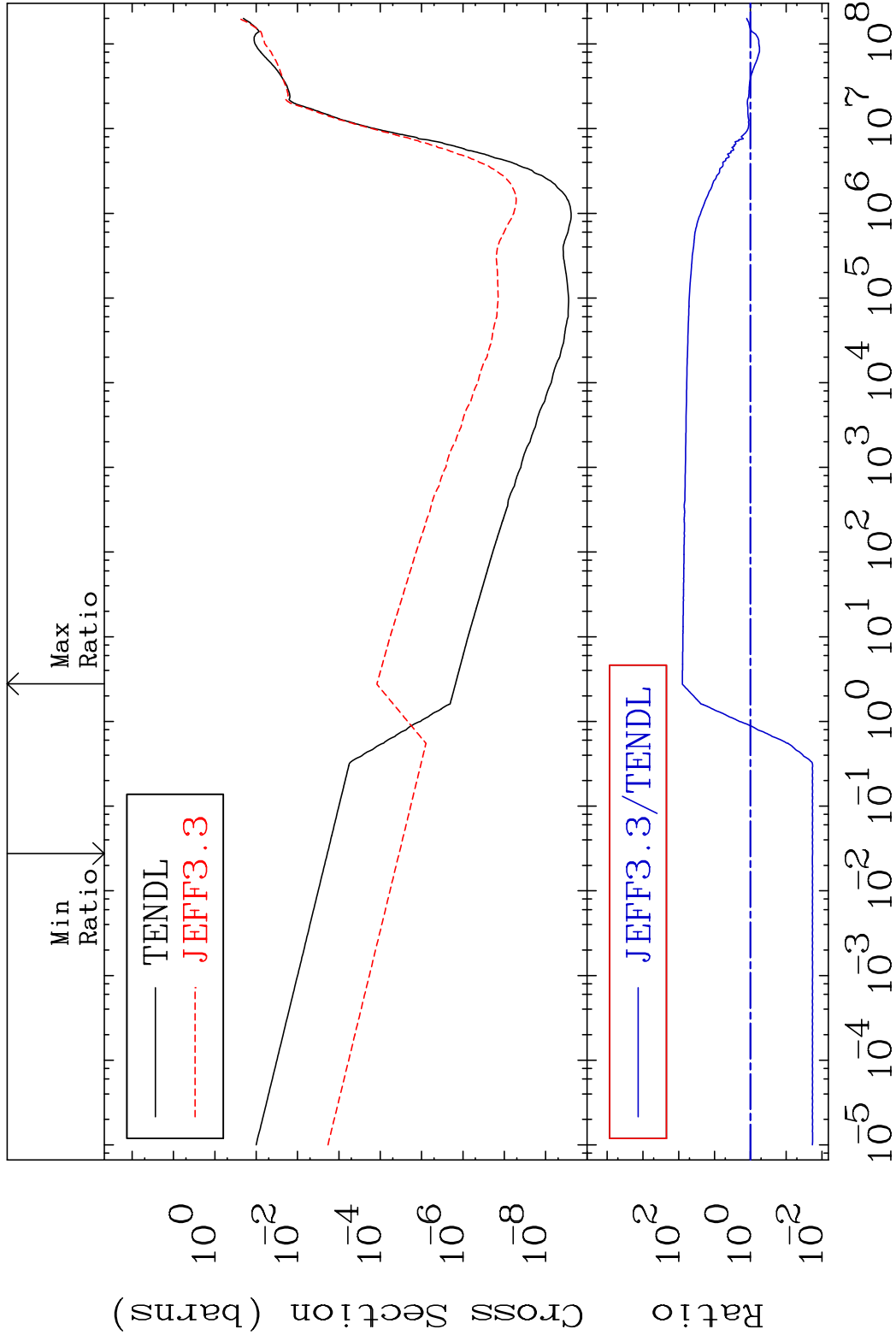


MAT 7128

He-4 Production

71-Lu-176

Cross Section -98.17 To 7830. %



63

Incident Energy (eV)

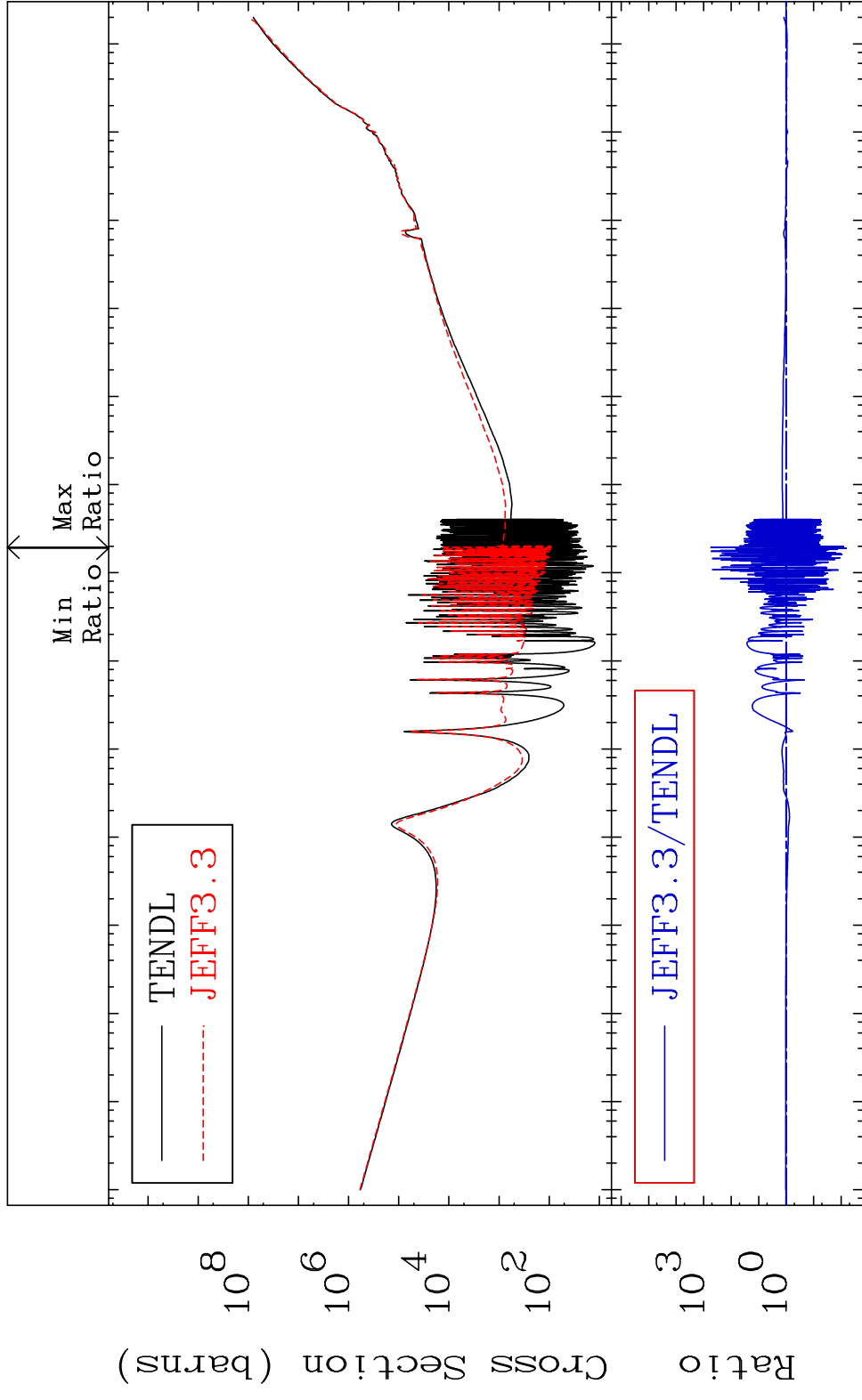
71-Lu-176



MAT 7128

Kerma total (eV-barns) 71-Lu-176

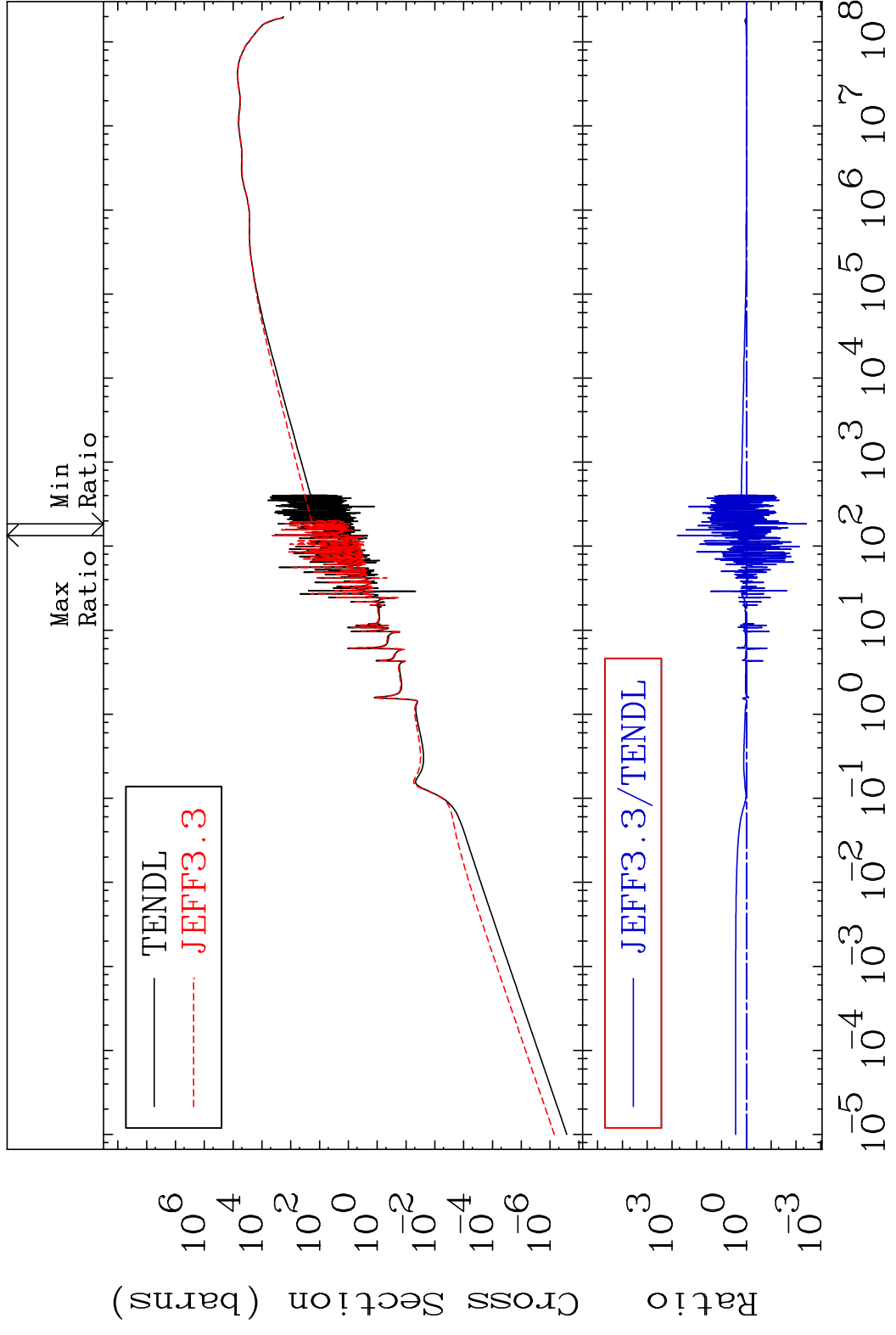
Cross Section -99.35 To 9999. %



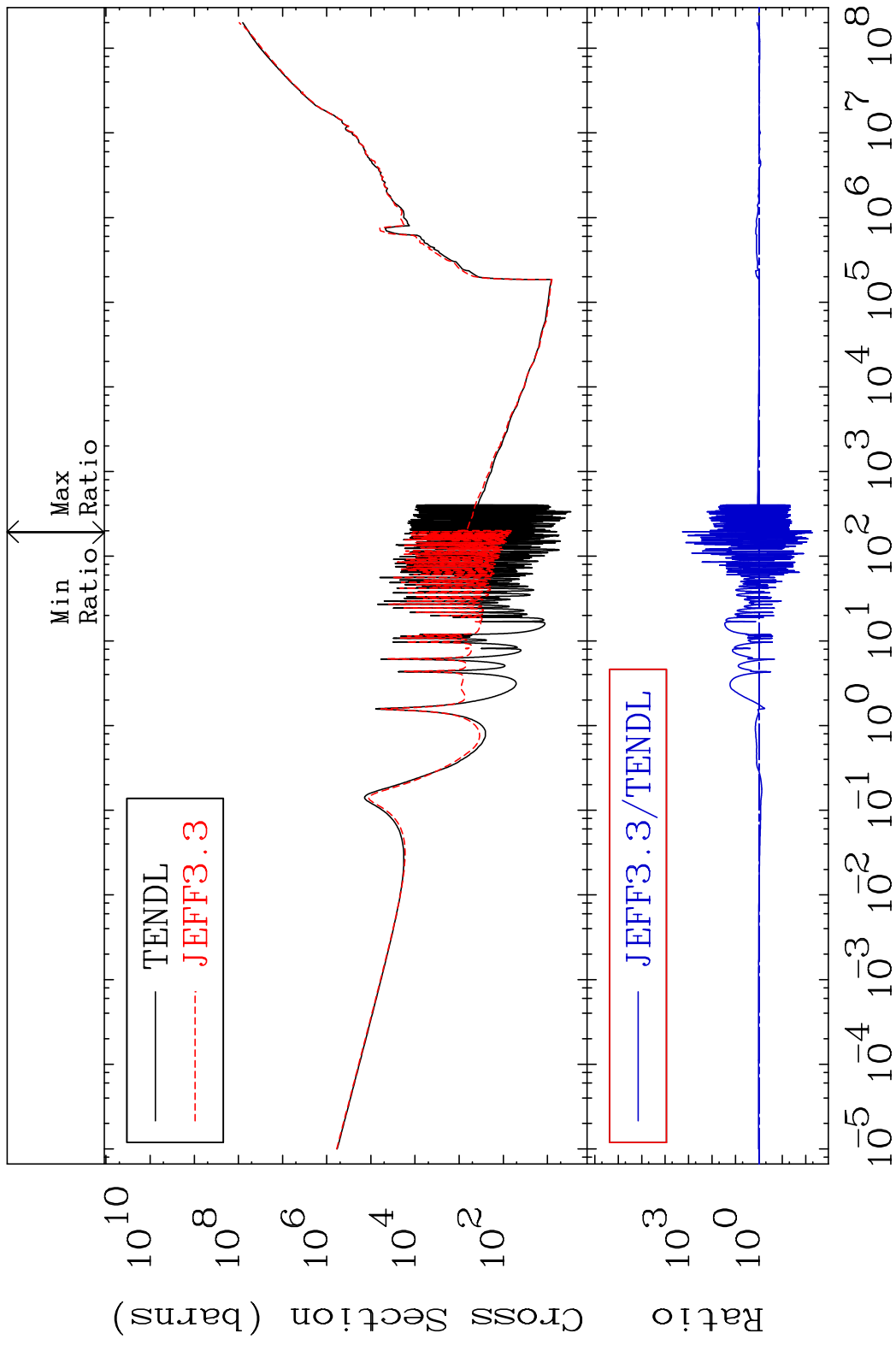
MAT 7128

Kerma elastic  
Cross Section

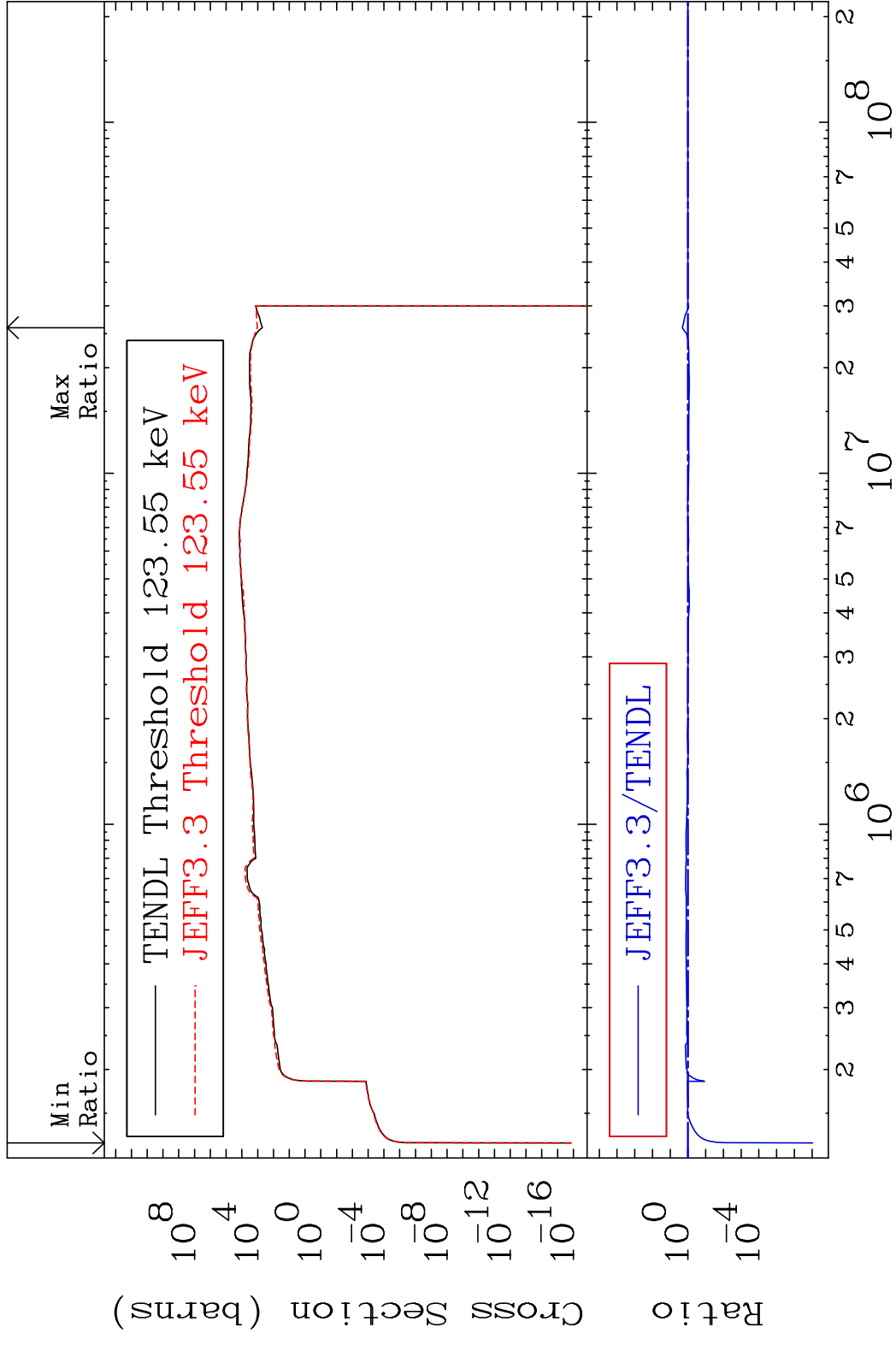
71-Lu-176  
-99.62 To 9999. %



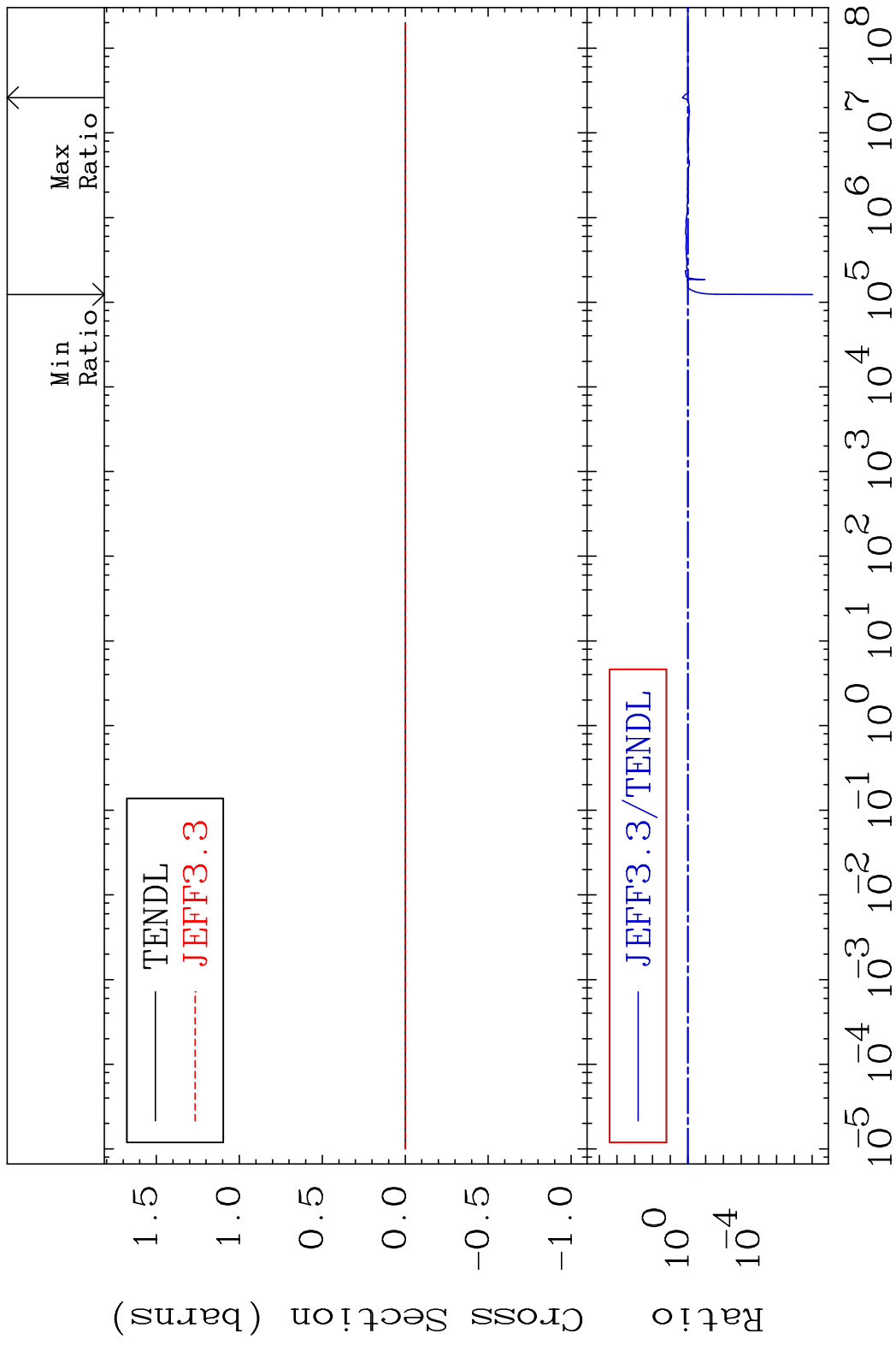
MAT 7128 Kerma non-elastic (all but mt2) 71-Lu-176  
 Cross Section -99.48 To 9999. %



MAT 7128 Kerma inelastic (mt51-91) 71-Lu-176  
 Cross Section -100.0 To 107.1 %

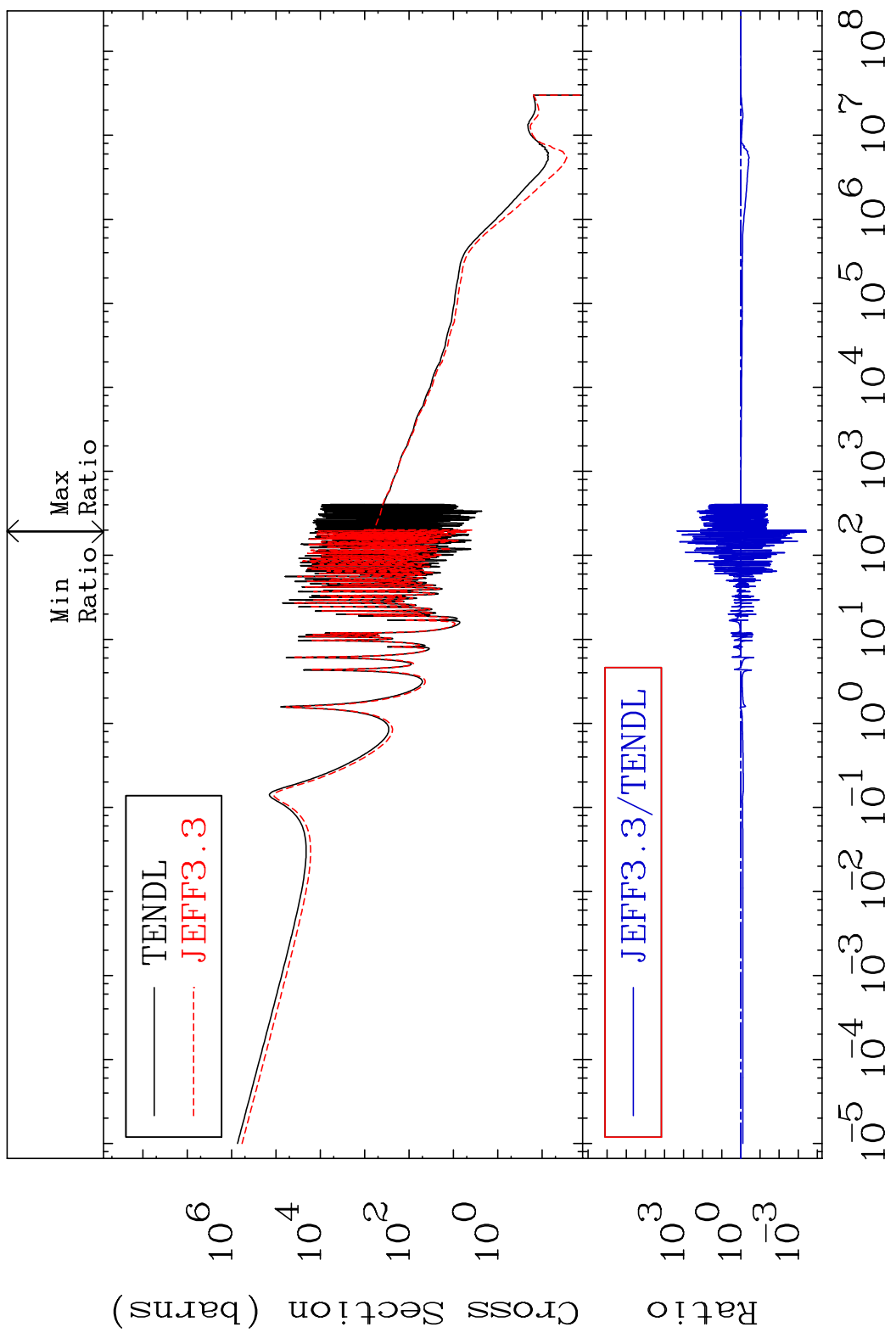


MAT 7128 Kerma fission (mt18 or mt19-20-21-38) 71-Lu-176  
 Cross Section -100.0 To 107.1 %



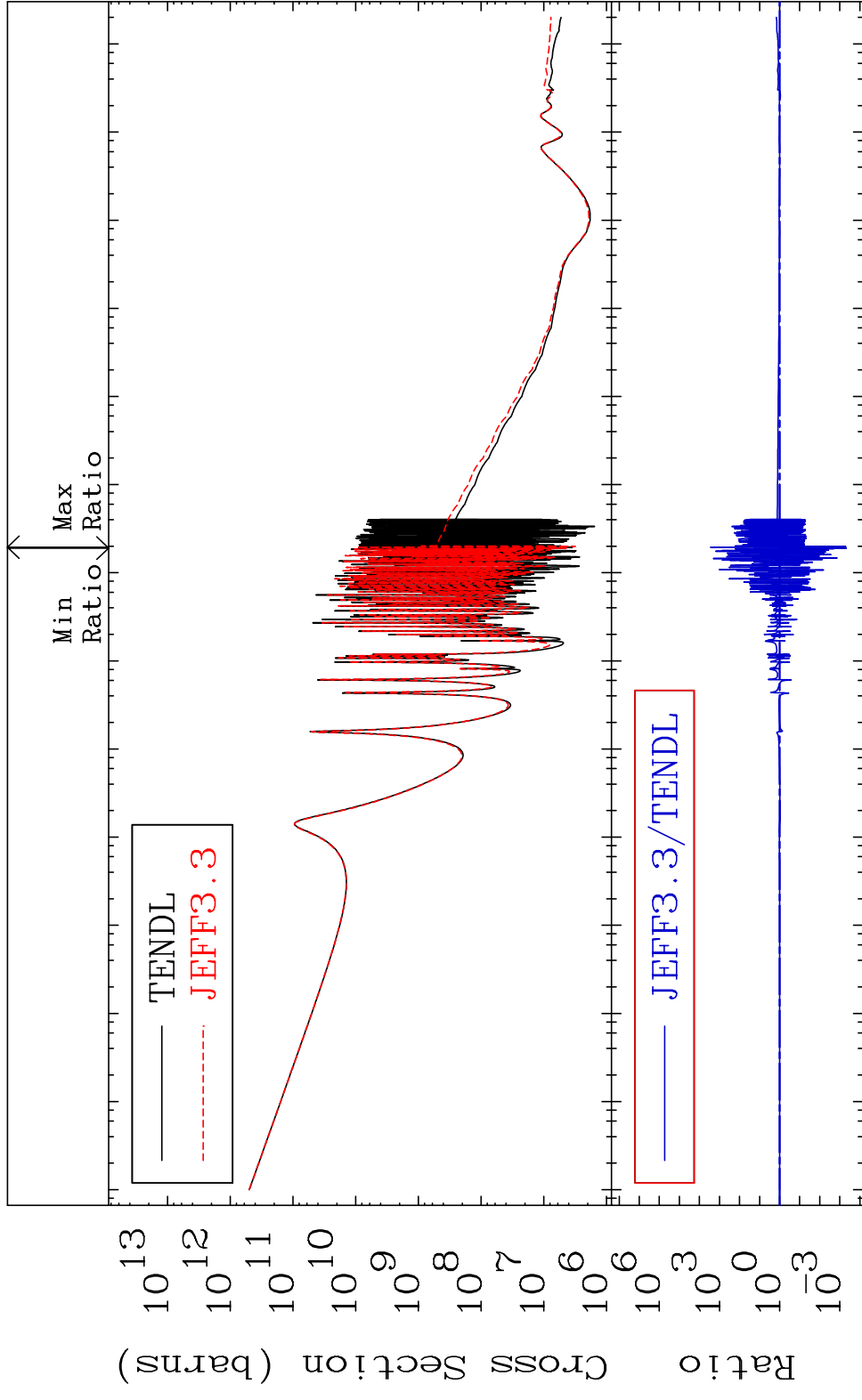
MAT 7128

Kerma capture (mt102) 71-Lu-176  
Cross Section -99.96 To 9999. %



MAT 7128

Total photon (eV-barns) 71-Lu-176  
Cross Section -99.95 To 9999. %

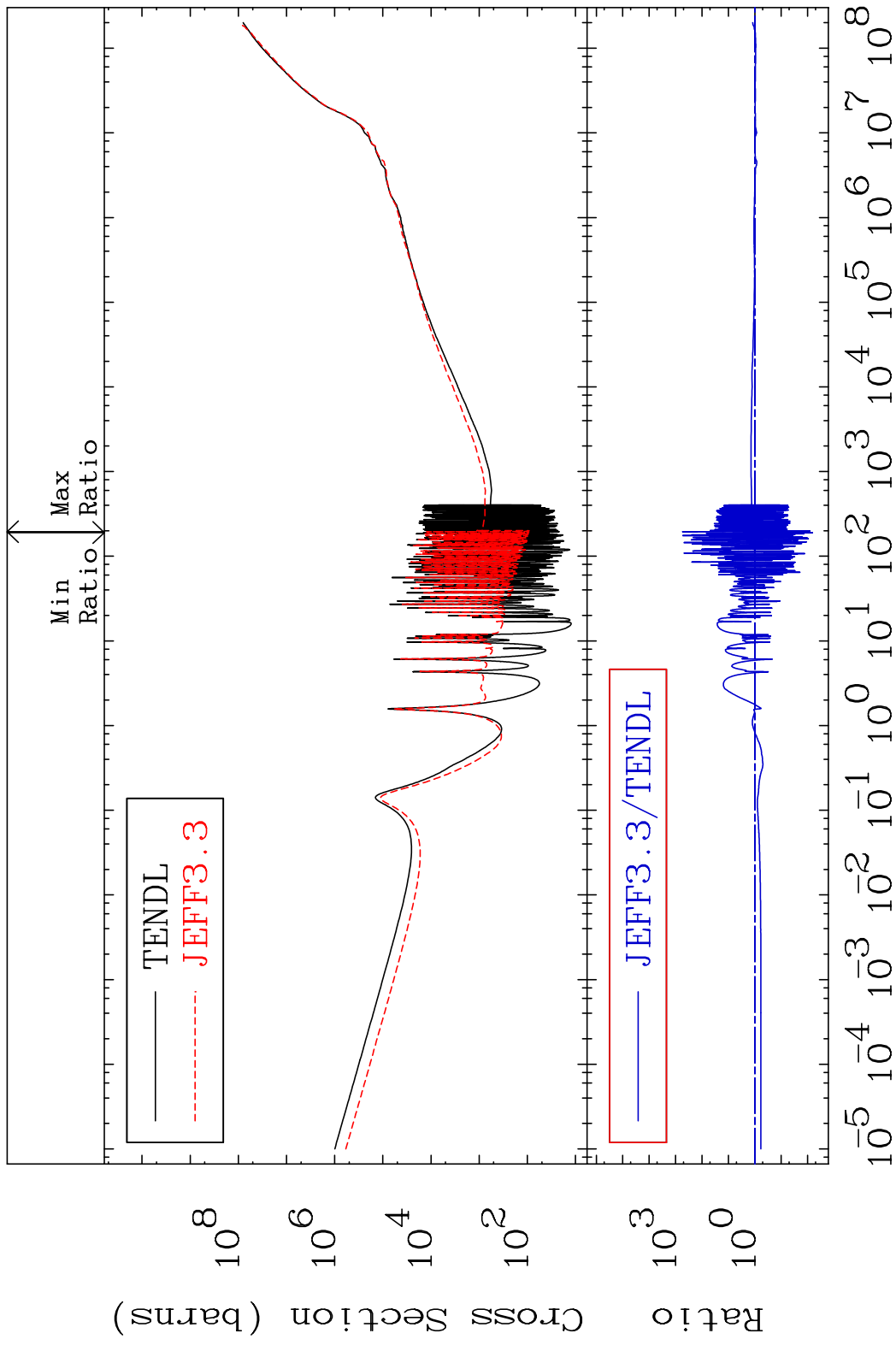


70

Incident Energy (eV)

71-Lu-176

MAT 7128 Total kinematic kerma (high limit) 71-Lu-176  
 Cross Section -99.35 To 9999. %



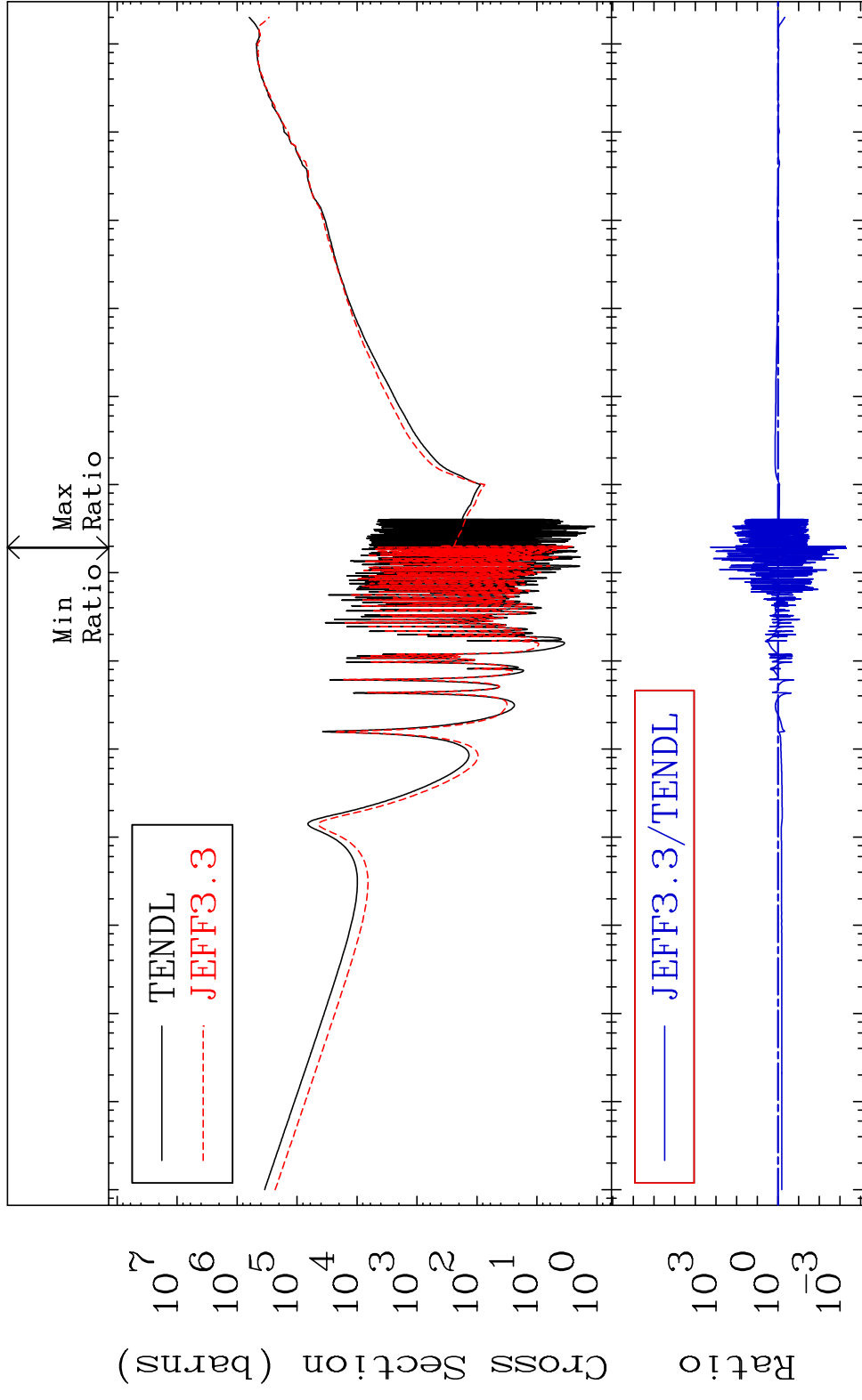


MAT 7128

Dpa total (eV-barns)

71-Lu-176

Cross Section -99.95 To 9999. %

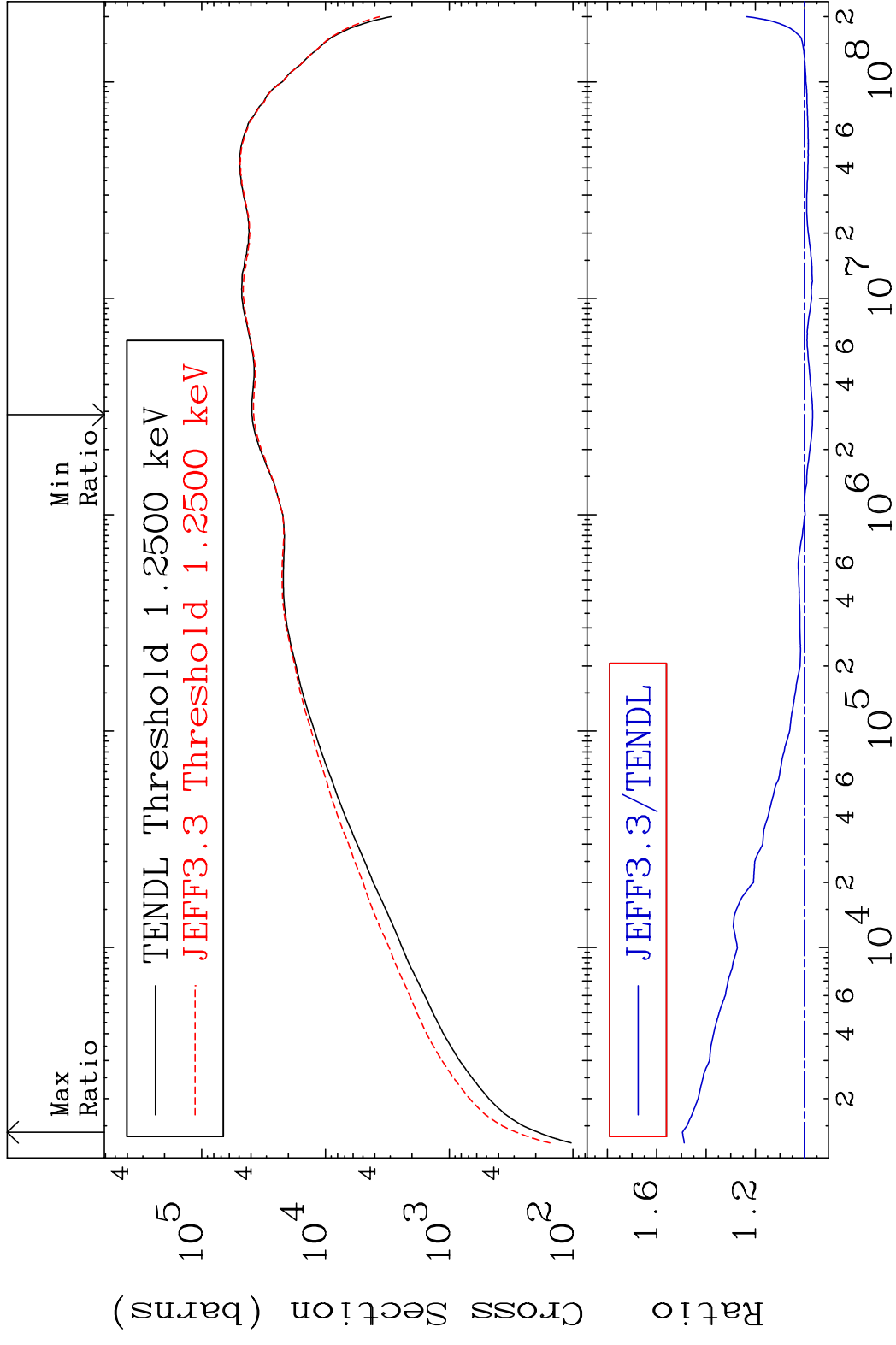


MAT 7128

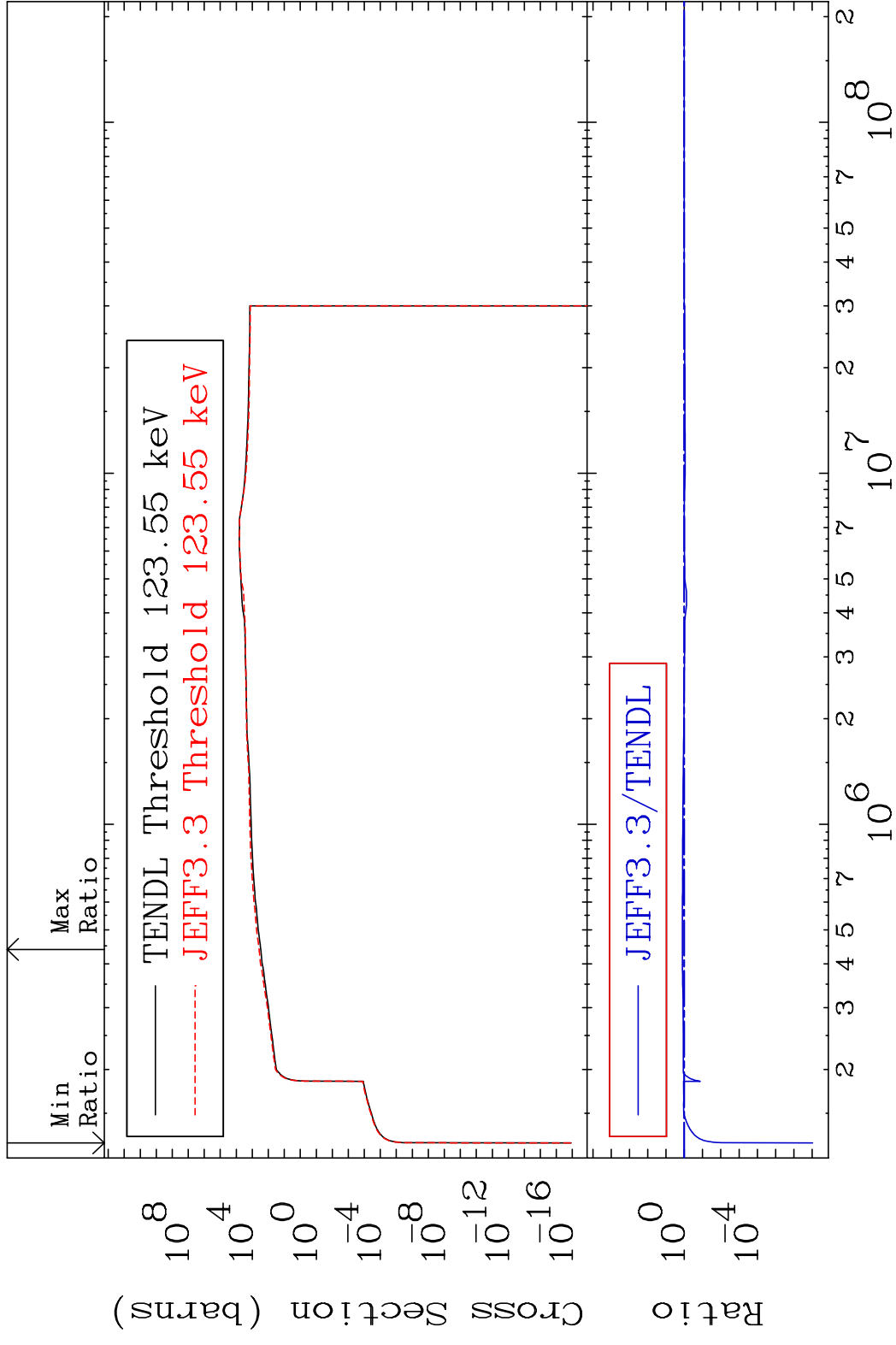
Dpa elastic (mt2)

71-Lu-176

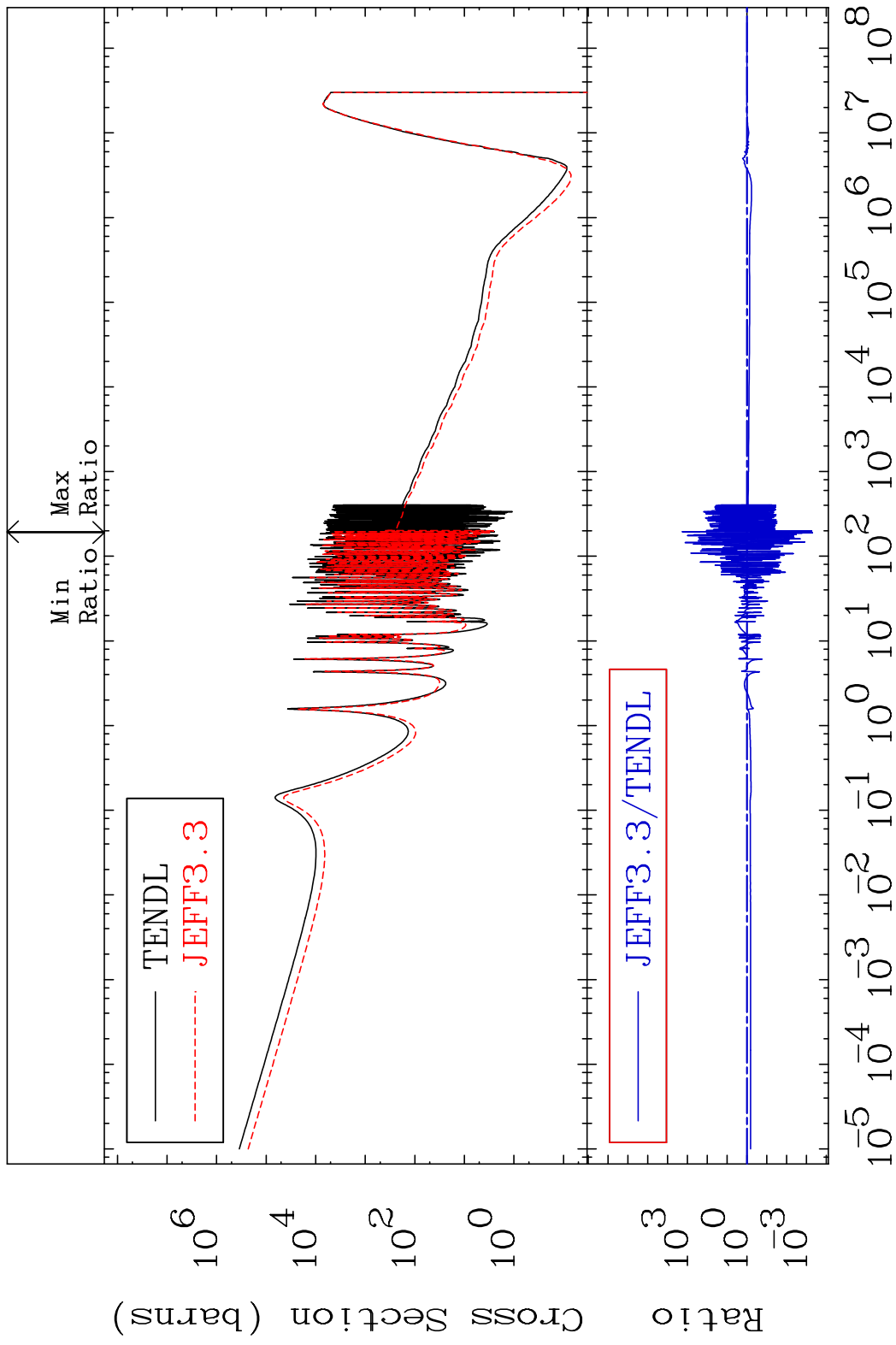
Cross Section -3.201 To 49.61 %



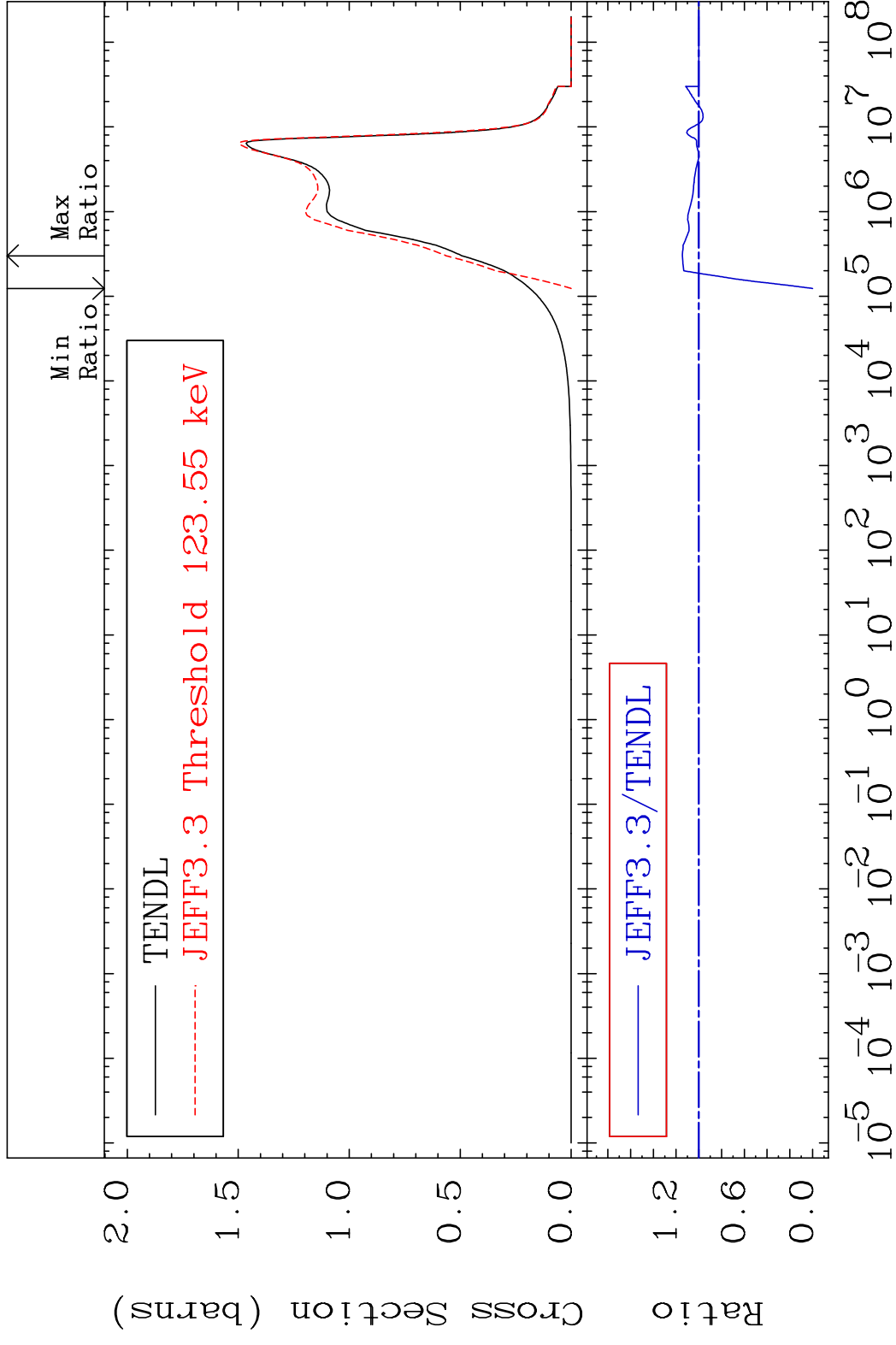
MAT 7128      Dpa inelastic (mt51-91)      71-Lu-176  
 Cross Section      -100.0 To 27.02 %

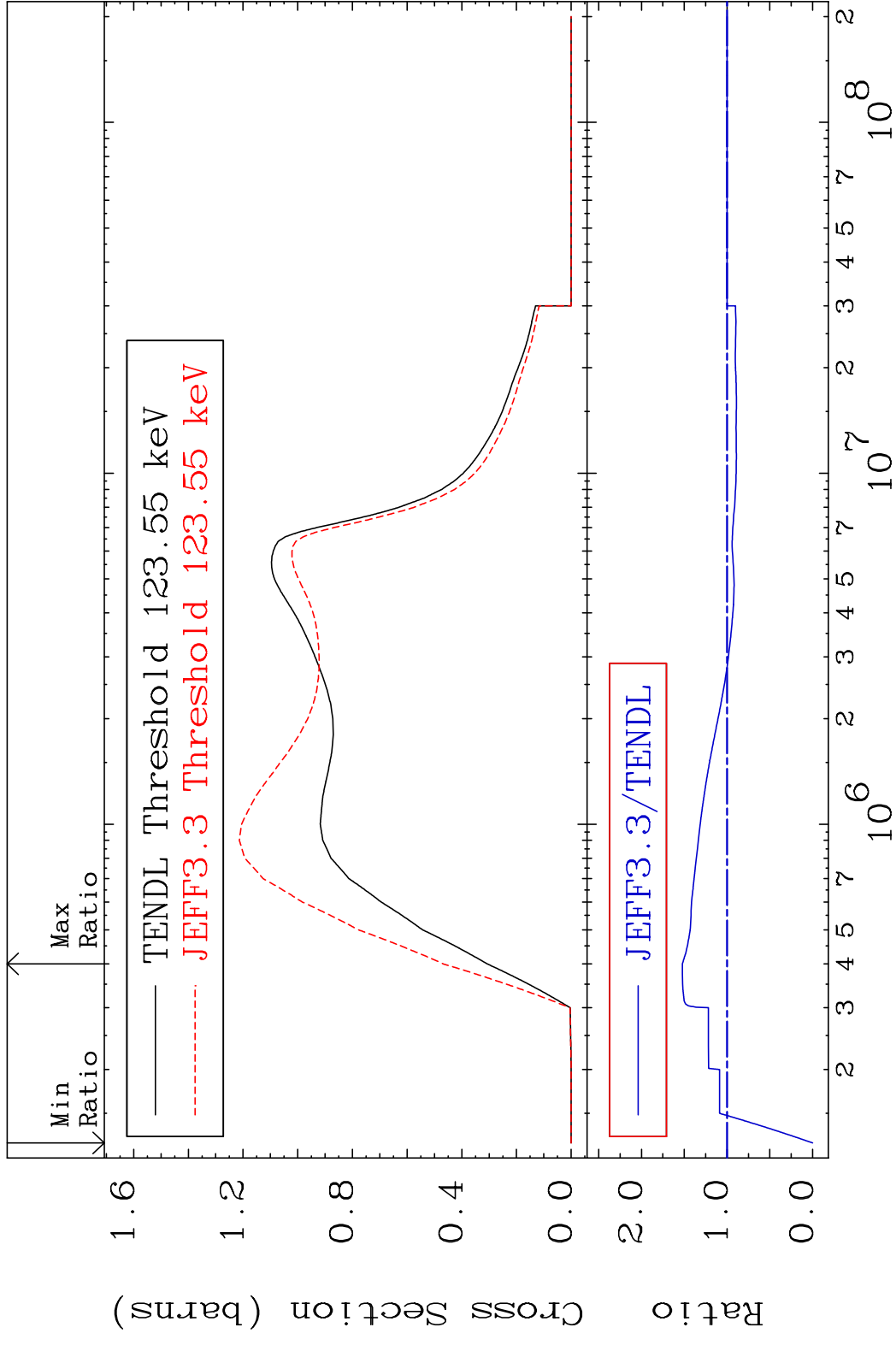


MAT 7128 Dpa disappearance (mt102 -120) 71-Lu-176  
 Cross Section -99.95 To 9999. %

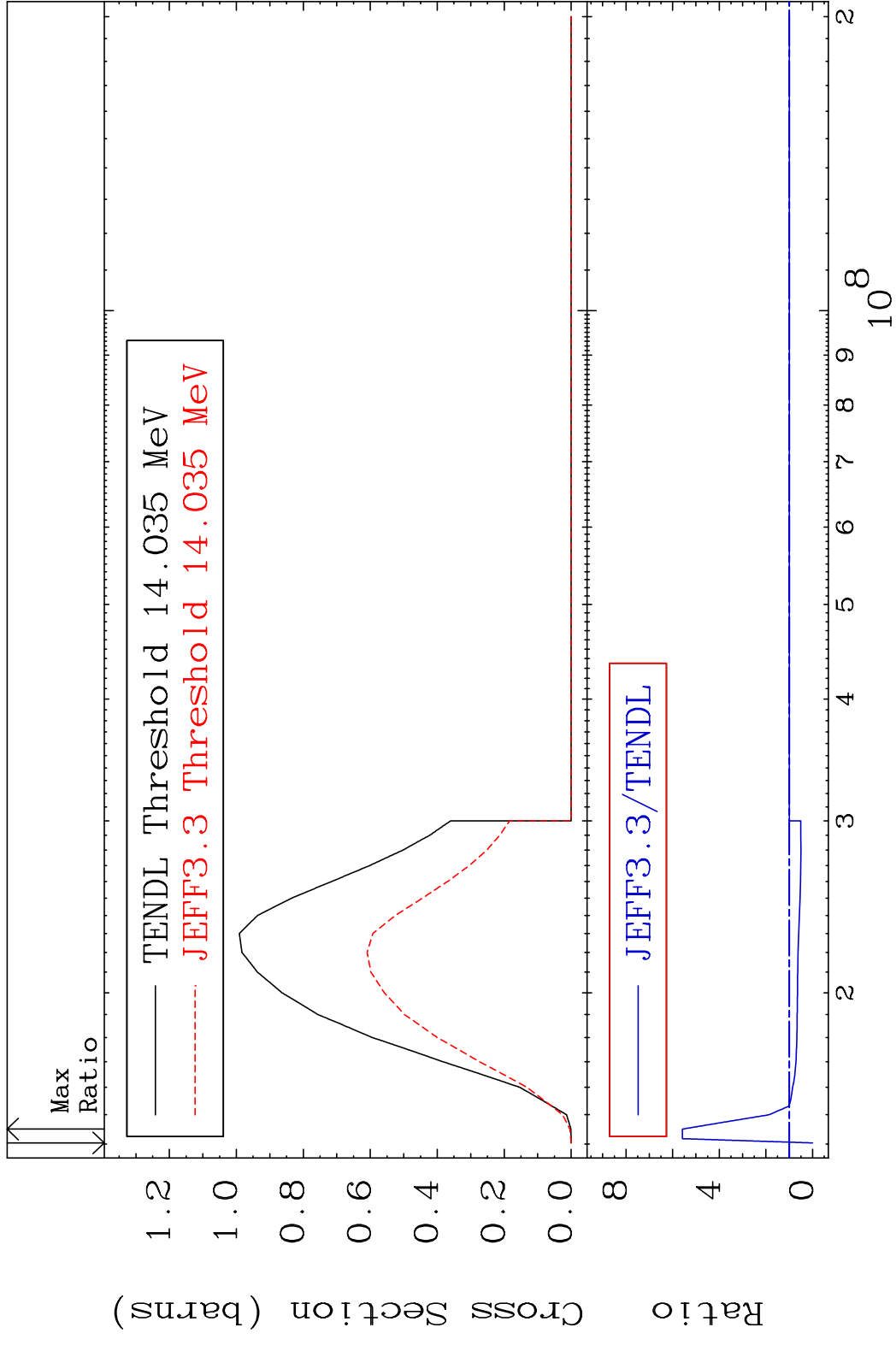


75 Incident Energy (eV) 71-Lu-176





MAT 7128 (n,3n):71-Lu-174g 71-Lu-176  
 Radionuclide Production Cross Section 180.0 dth 458.3 %



MAT 7128 (n, 3n): 71-Lu-174m3 71-Lu-176  
 Radionuclide Production Cross Section 180.01 dth 366.9 %

