

Program Complot  
(Version 2021-1)

by

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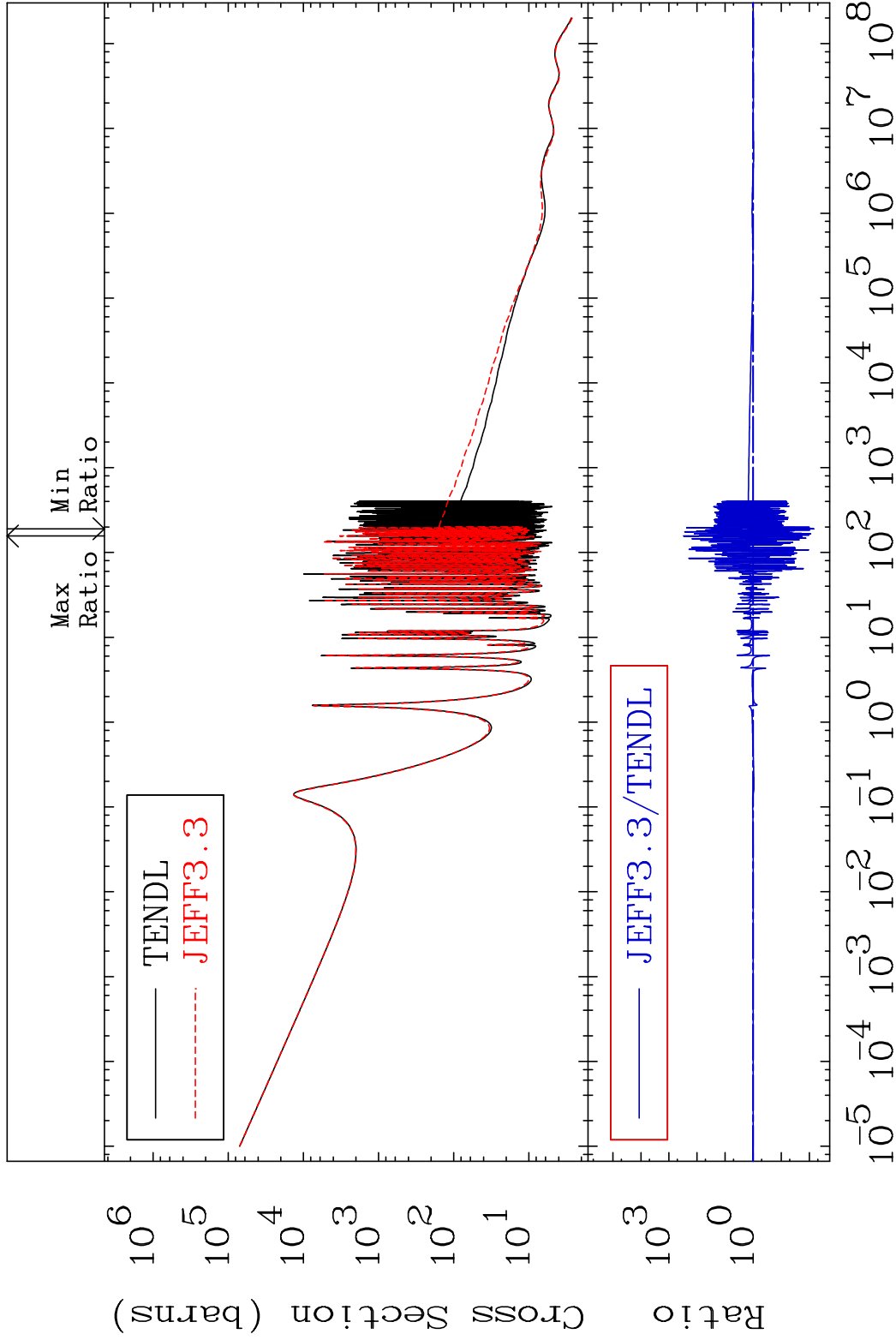
Press Mouse Button to Start

MAT 7128

Total

71-Lu-176

Cross Section -99.31 To 9999. %

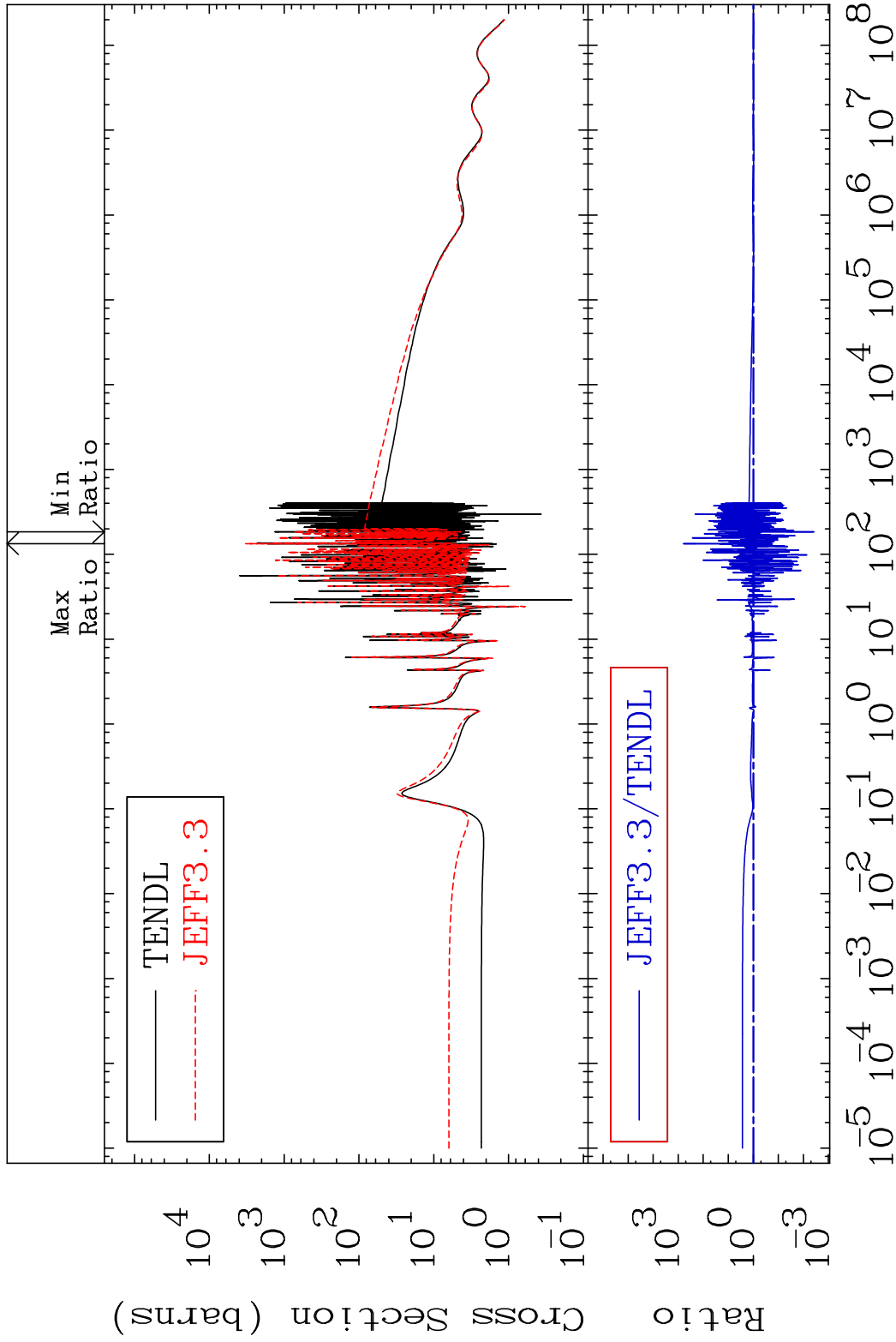


MAT 7128

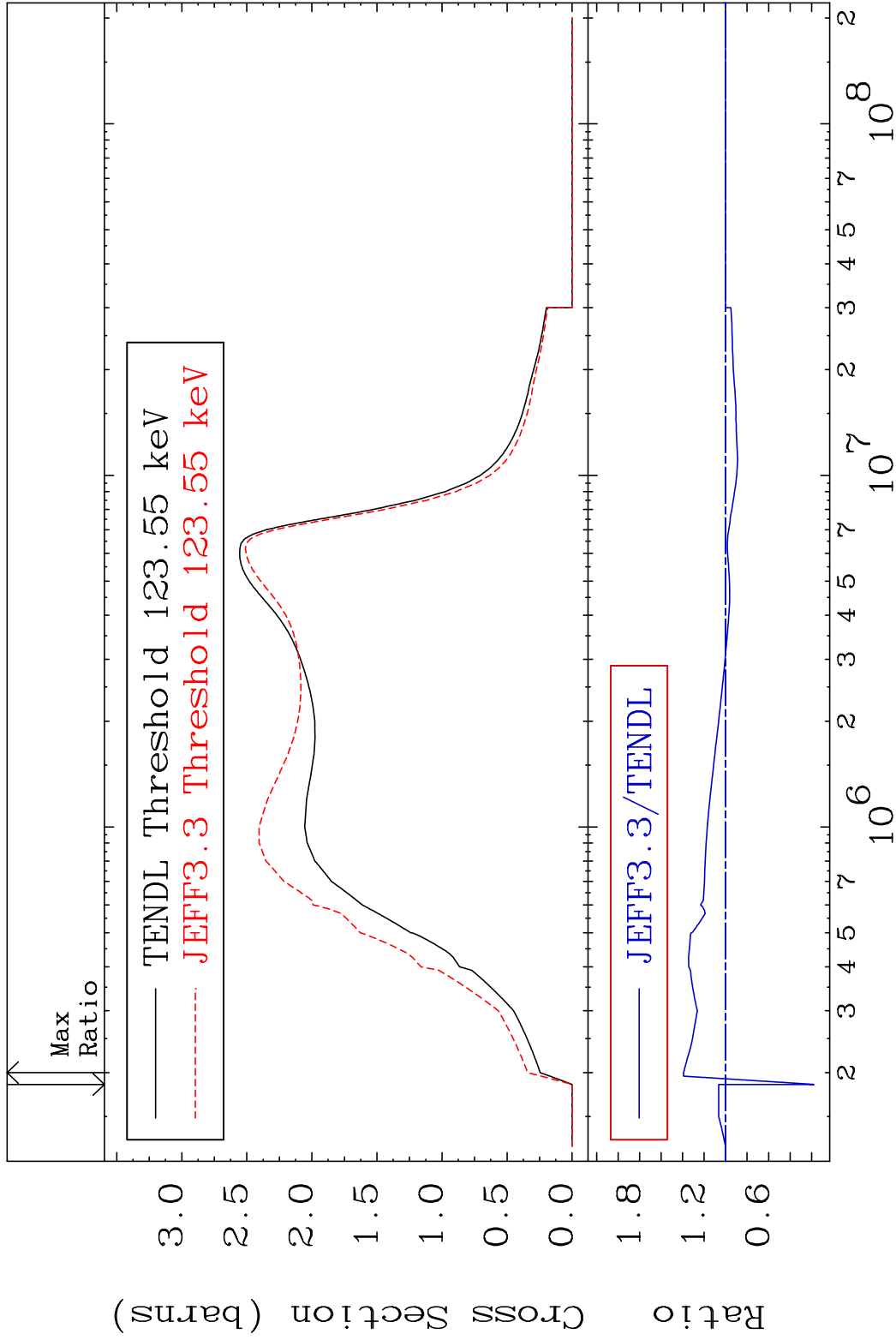
Elastic

71-Lu-176

Cross Section -99.62 To 9999. %



MAT 7128 Inelastic 71-Lu-176  
 Cross Section -82.16 To 39.25 %

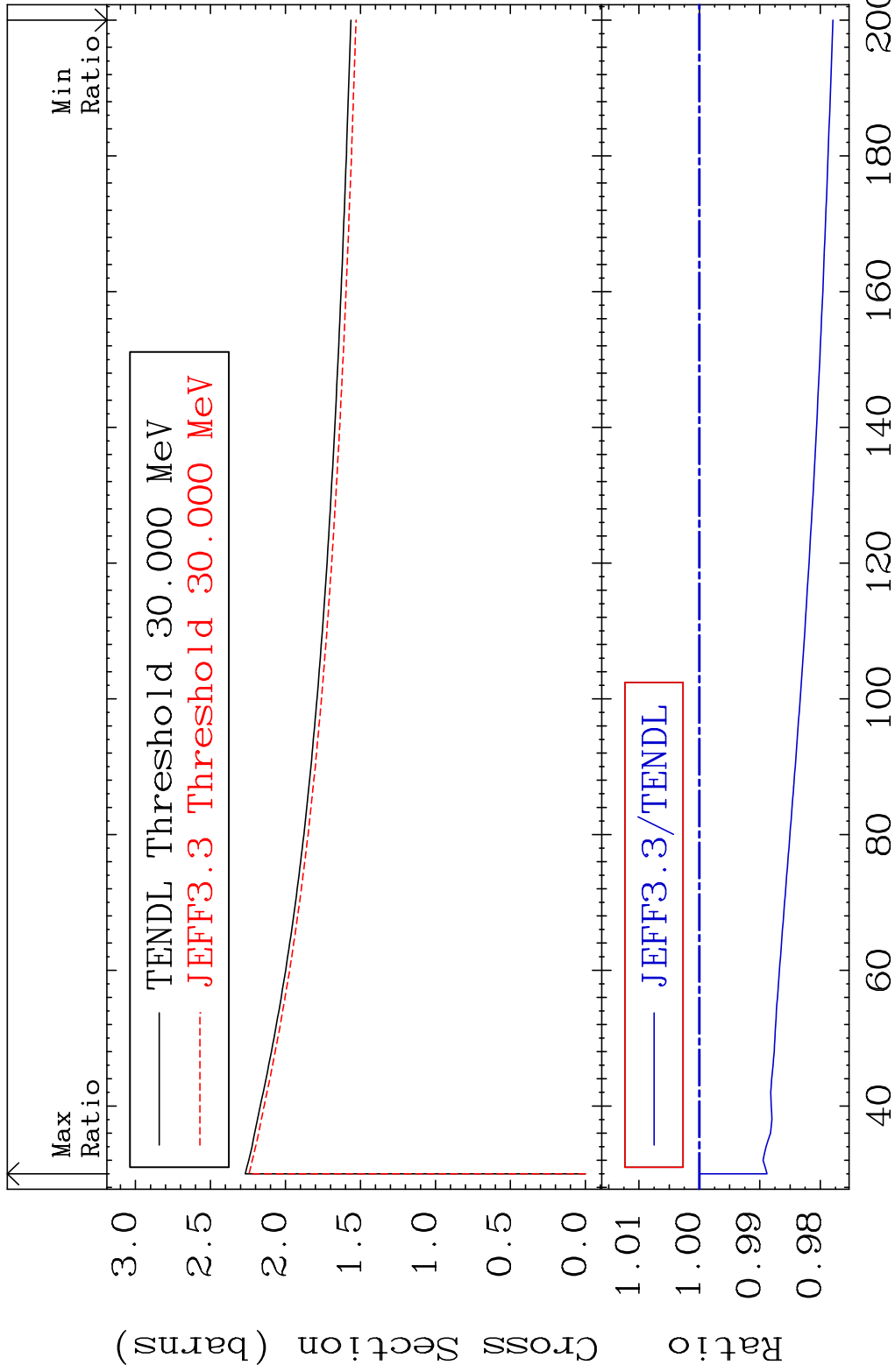


MAT 7128

(n, remainder)

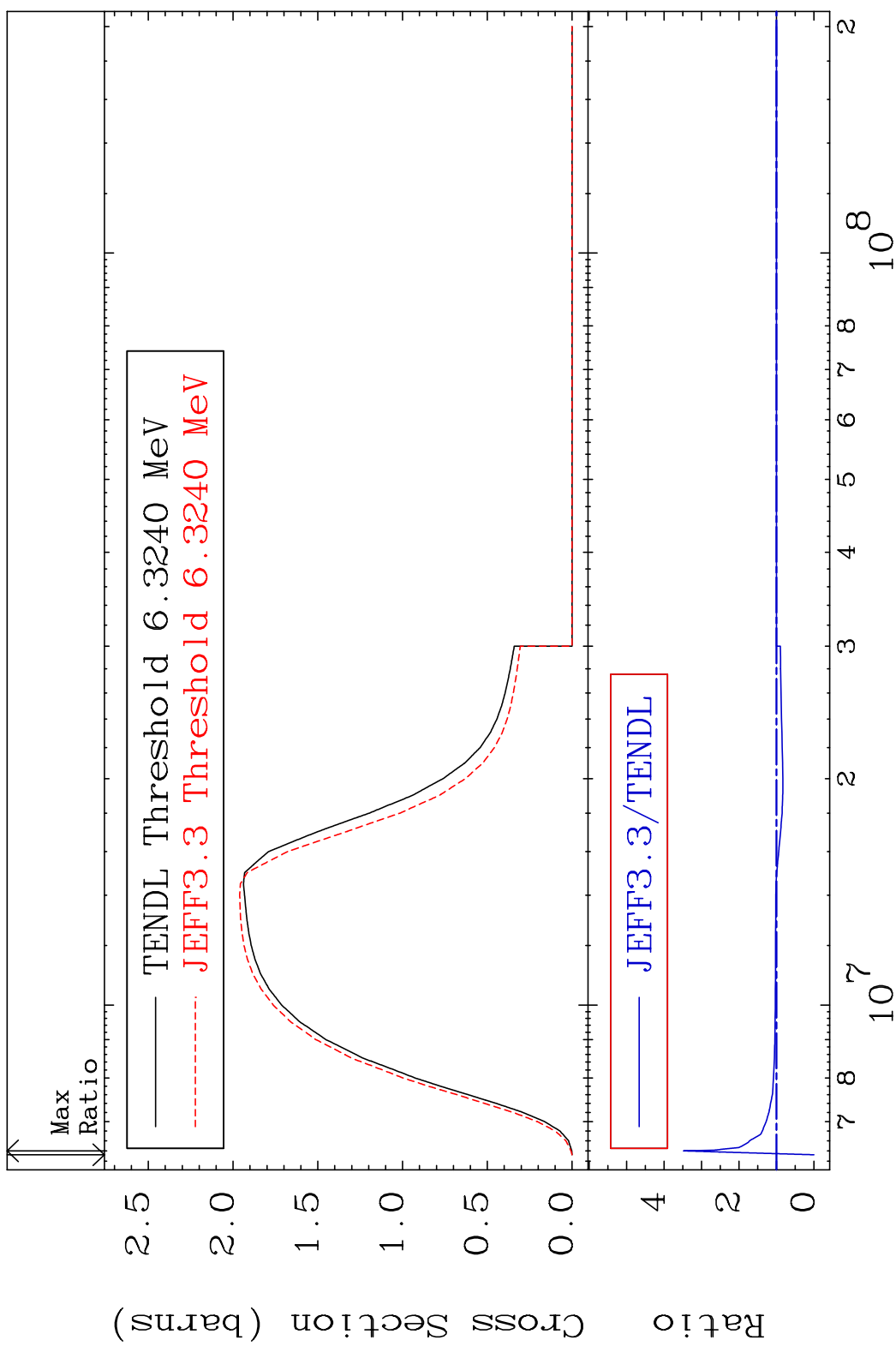
71-Lu-176

Cross Section -2.208 To 0.000 %

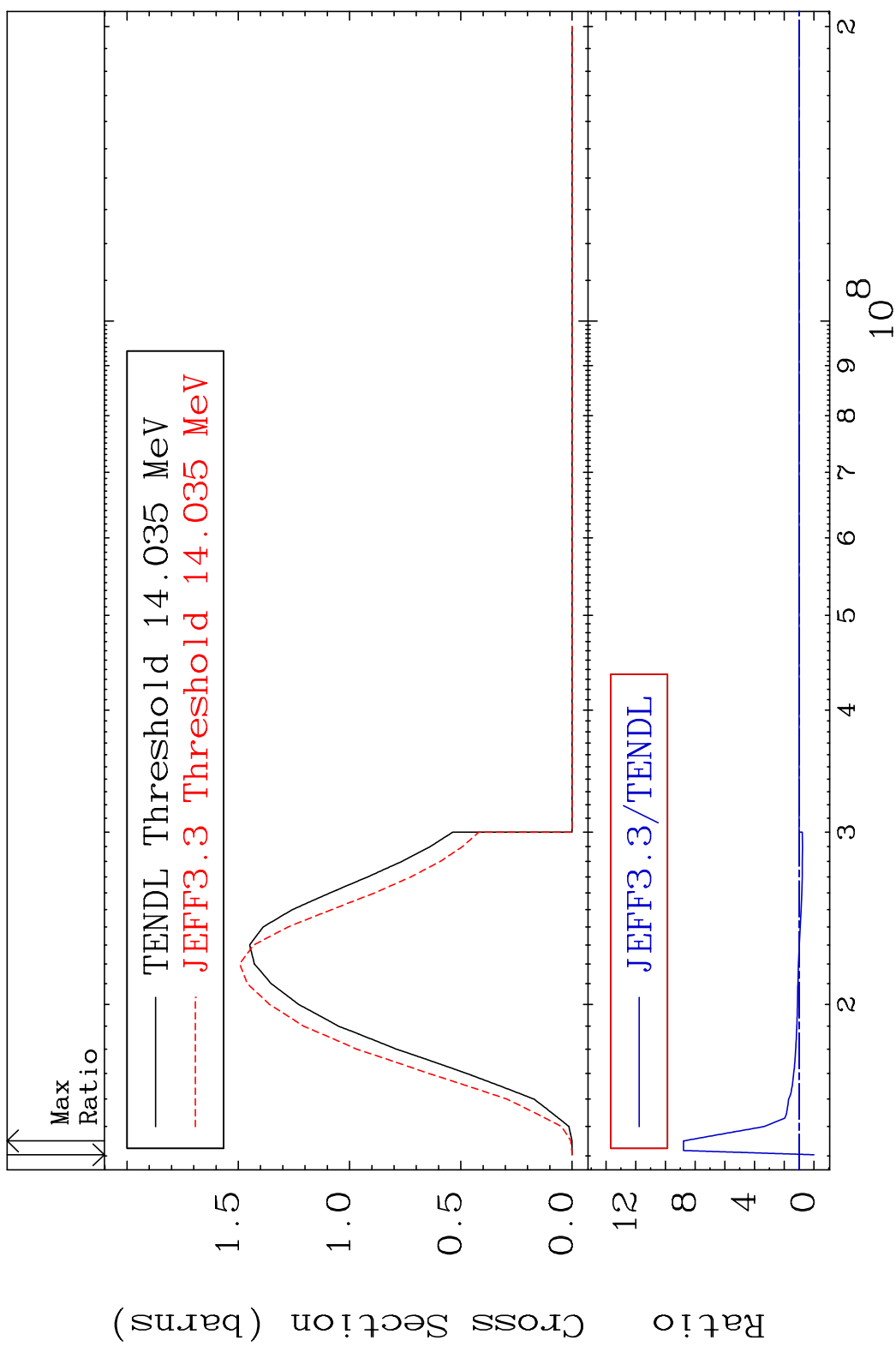




MAT 7128 (n,2n) 71-Lu-176  
 Cross Section -100.0 To 248.1 %

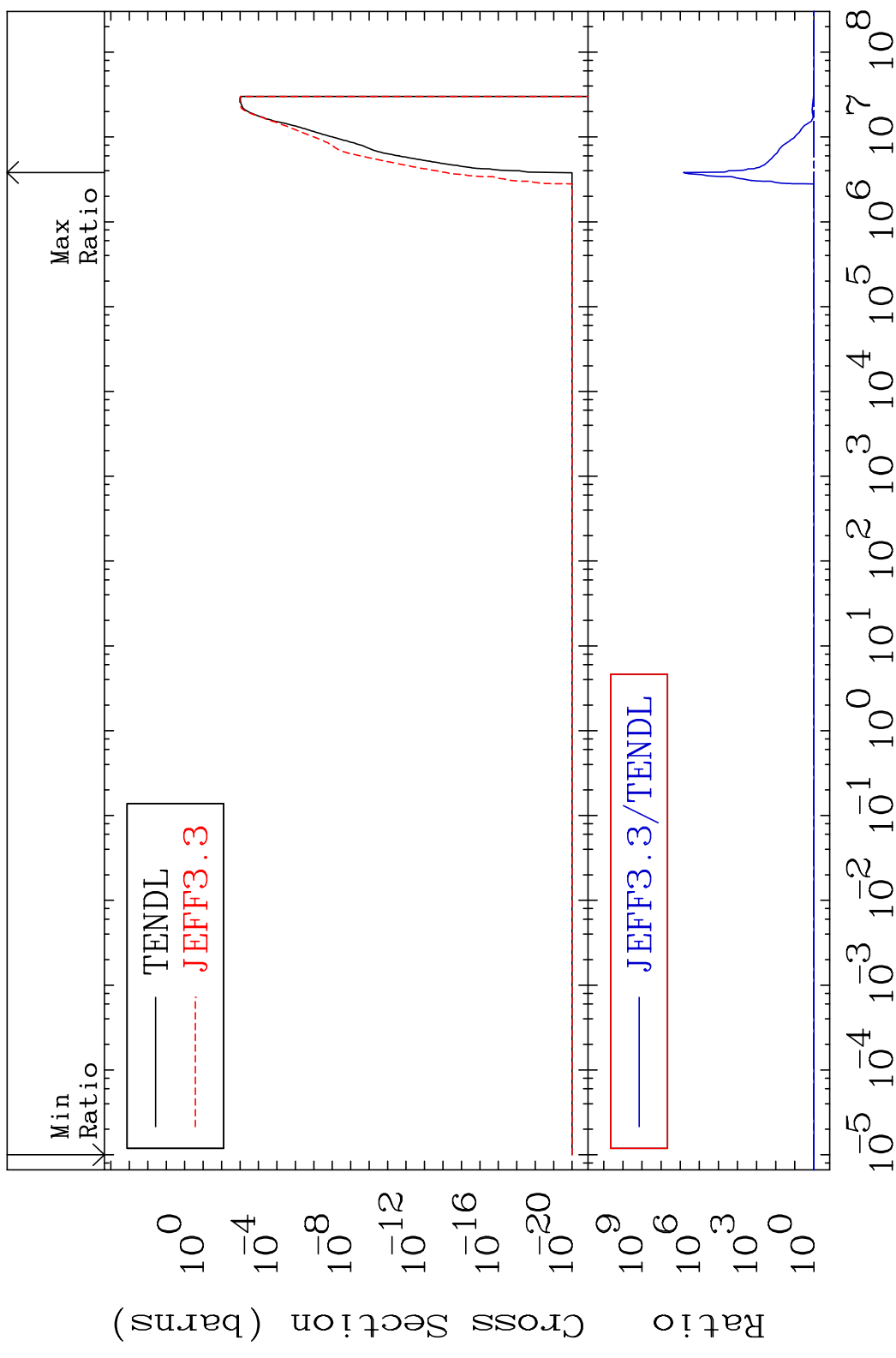


MAT 7128 (n,3n) 71-Lu-176  
 Cross Section -100.0 To 779.0 %

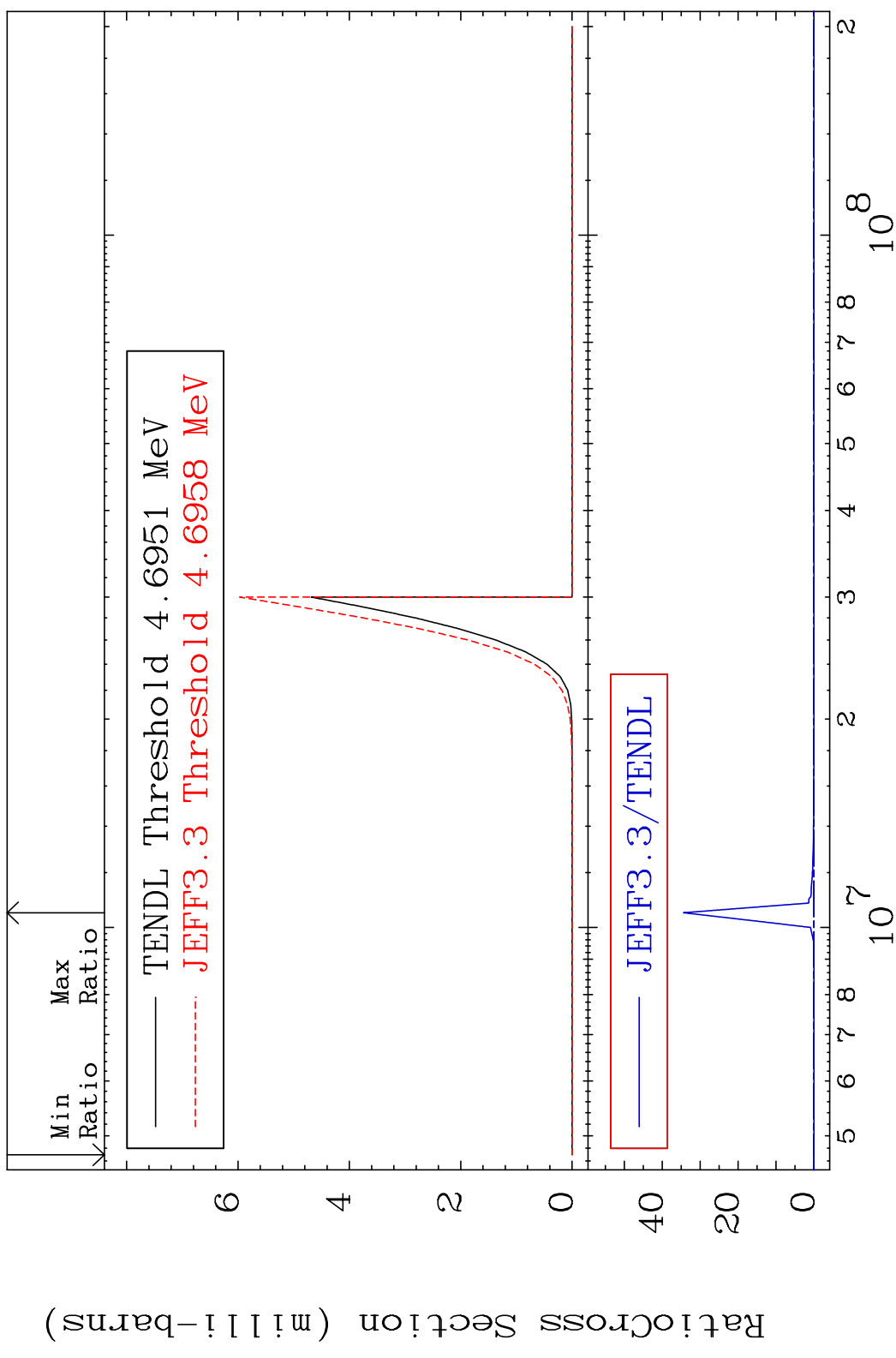




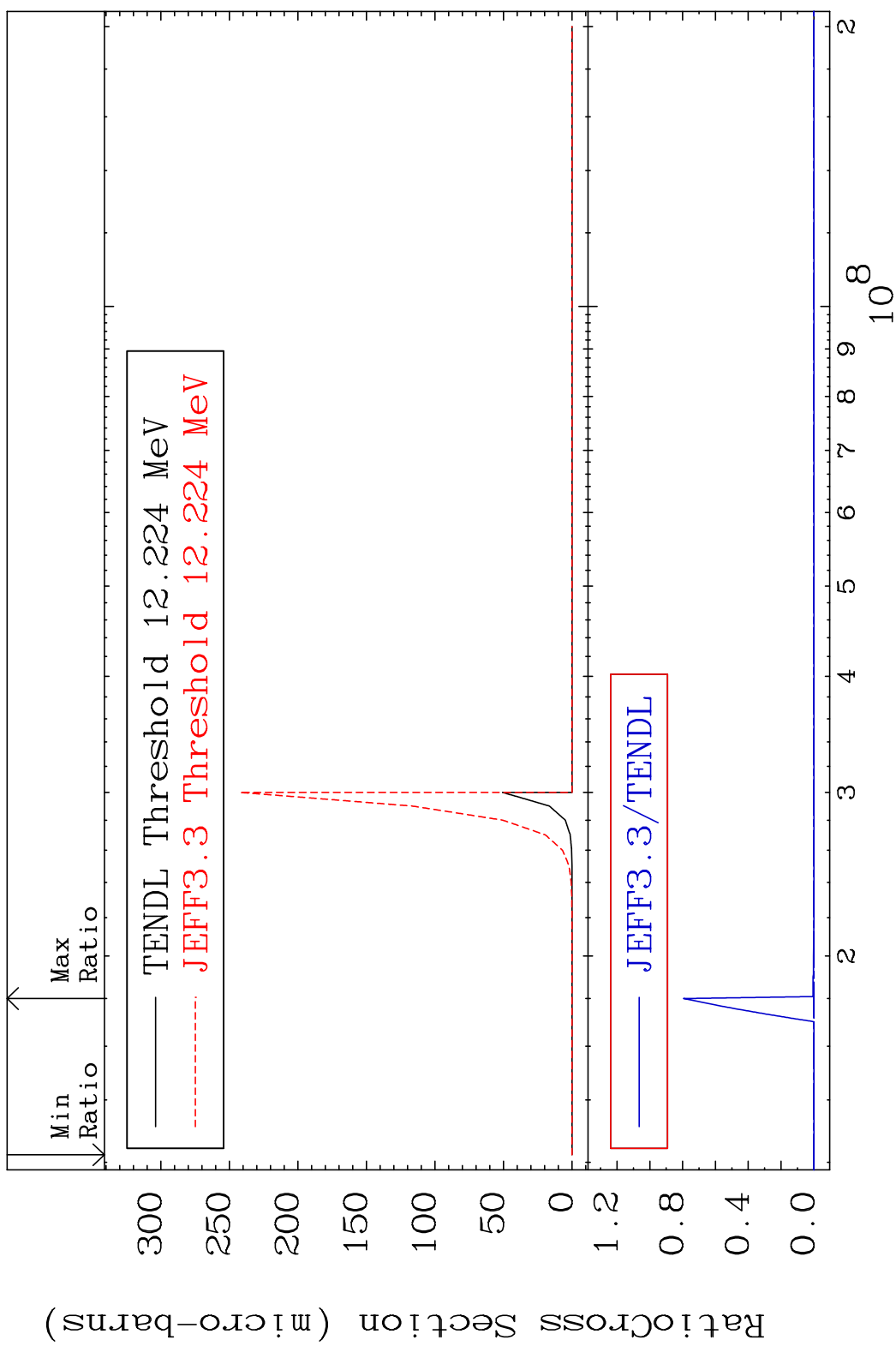
MAT 7128 (n, n')  $\alpha$  71-Lu-176  
 Cross Section 0.000 To 9999. %



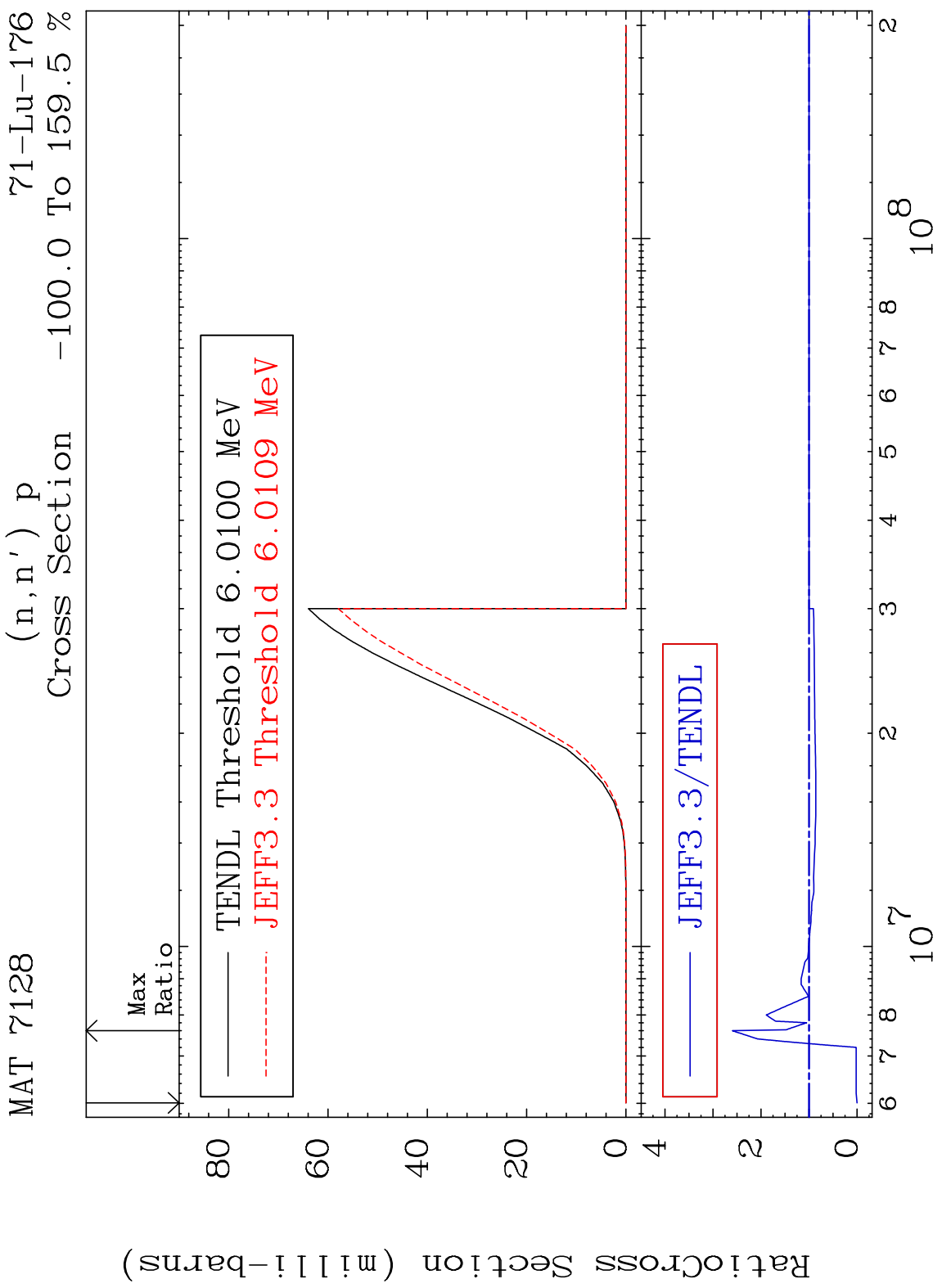
MAT 7128 (n,2n)  $\alpha$  71-Lu-176  
 Cross Section -100.0 To 9999. %



MAT 7128 (n, 3n)  $\alpha$  71-Lu-176  
 Cross Section -100.0 To 9999. %



10 71-Lu-176

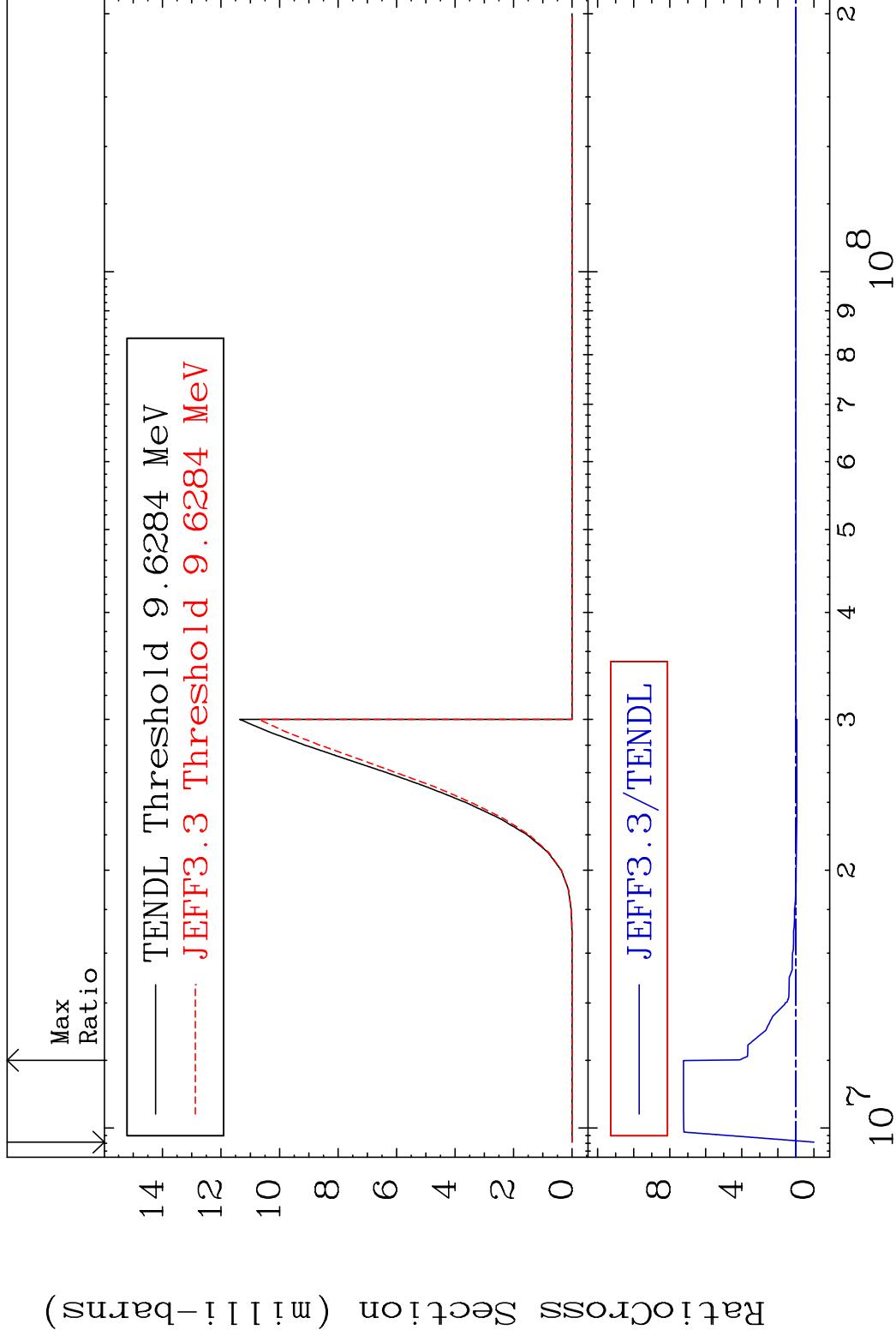


MAT 7128

(n, n') d

71-Lu-176

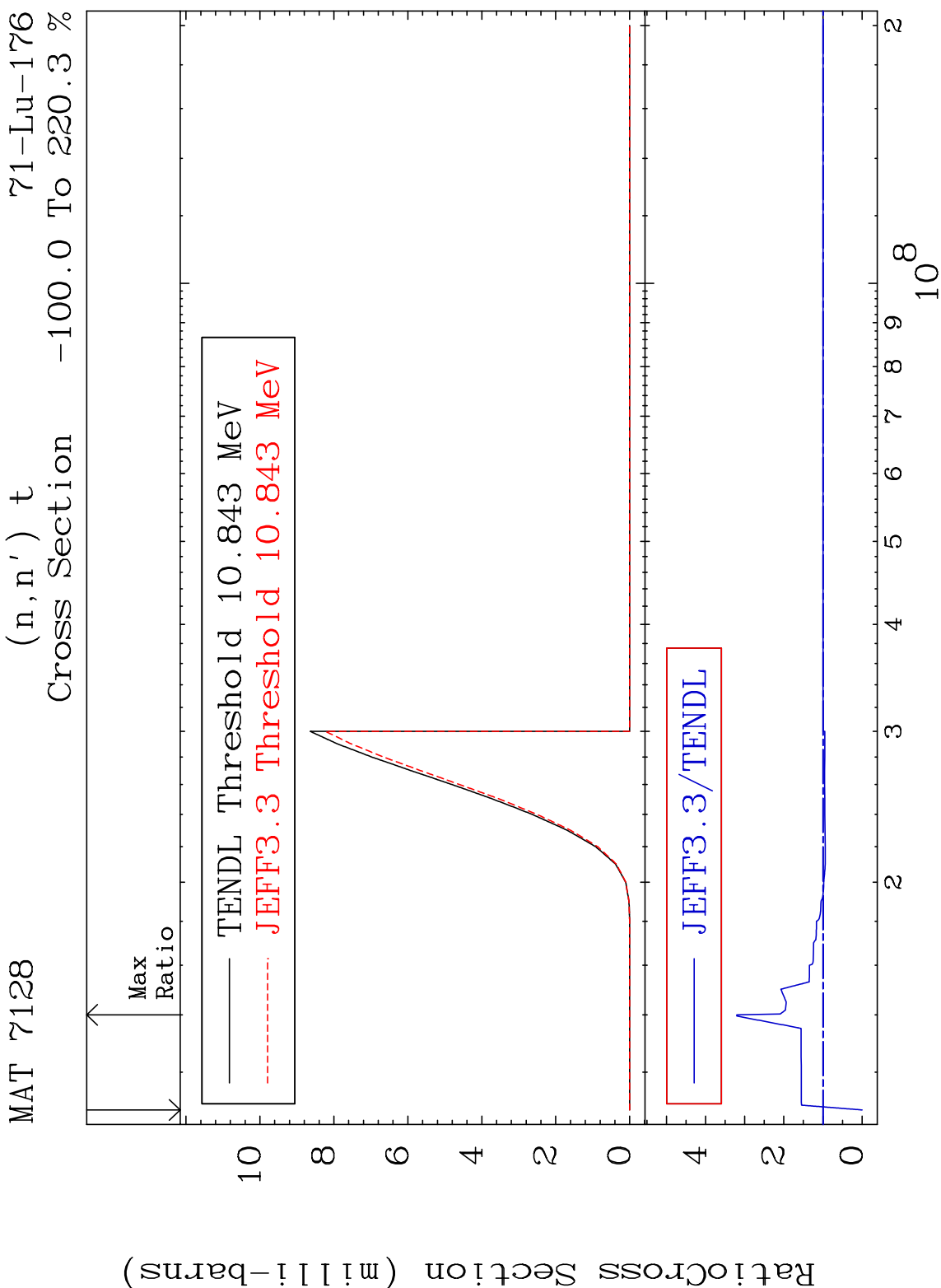
Cross Section -100.0 To 623.8 %



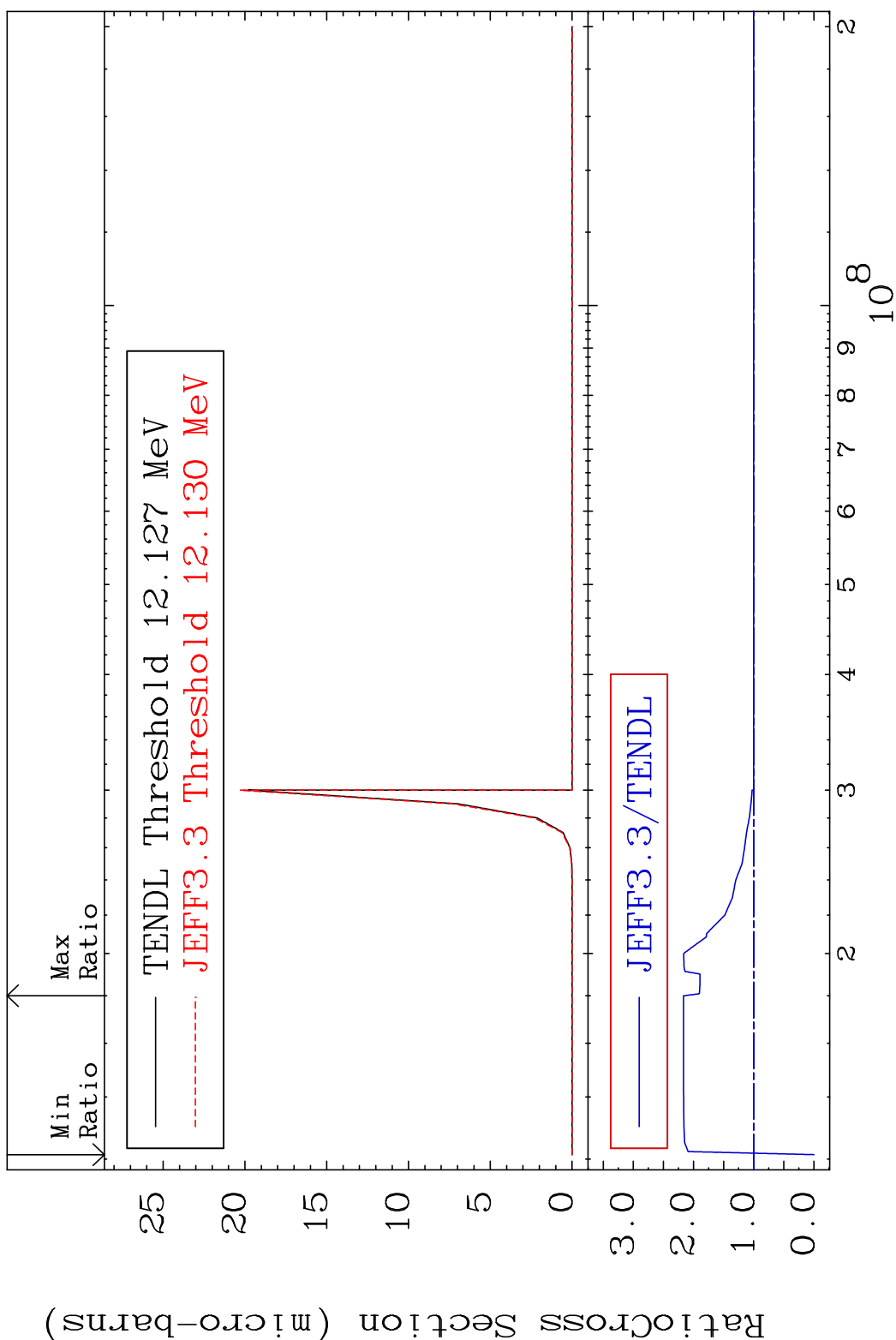
12

Incident Energy (eV)

71-Lu-176



MAT 7128 (n, n') He-3 71-Lu-176  
 Cross Section -100.0 To 116.7 %

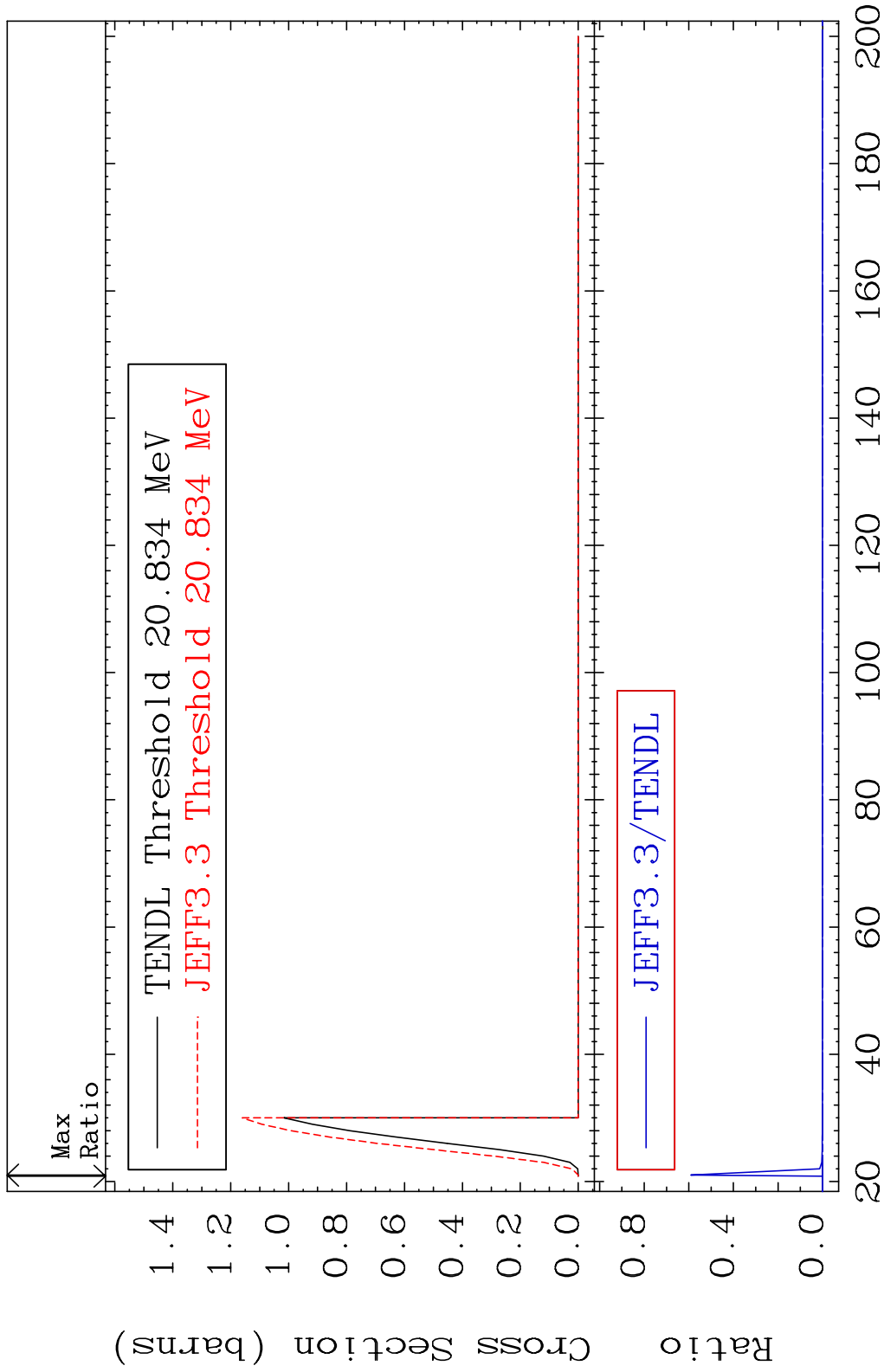


MAT 7128

(n,4n)

71-Lu-176

Cross Section -100.0 To 9999. %



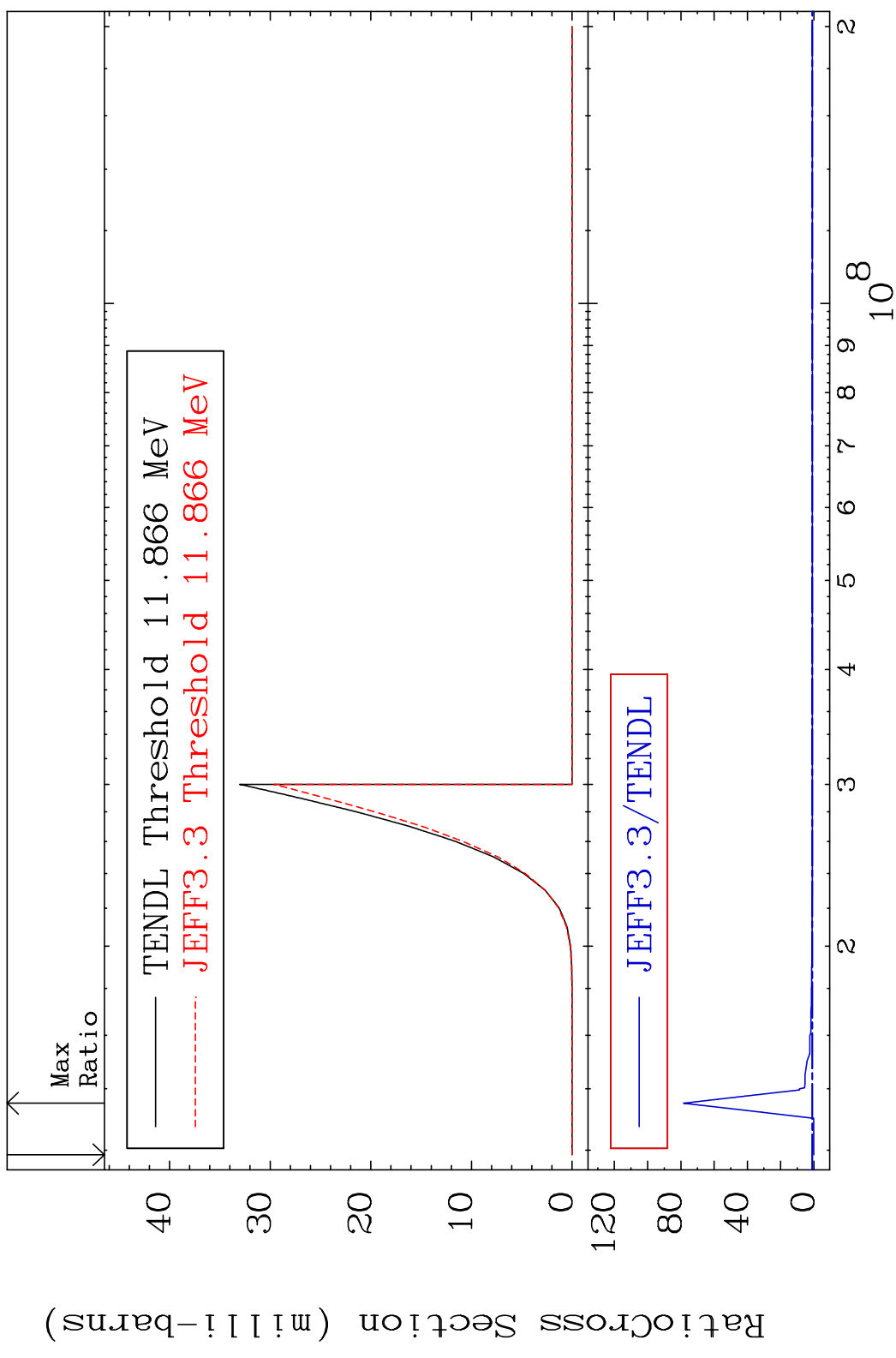
15

Incident Energy (MeV)

71-Lu-176

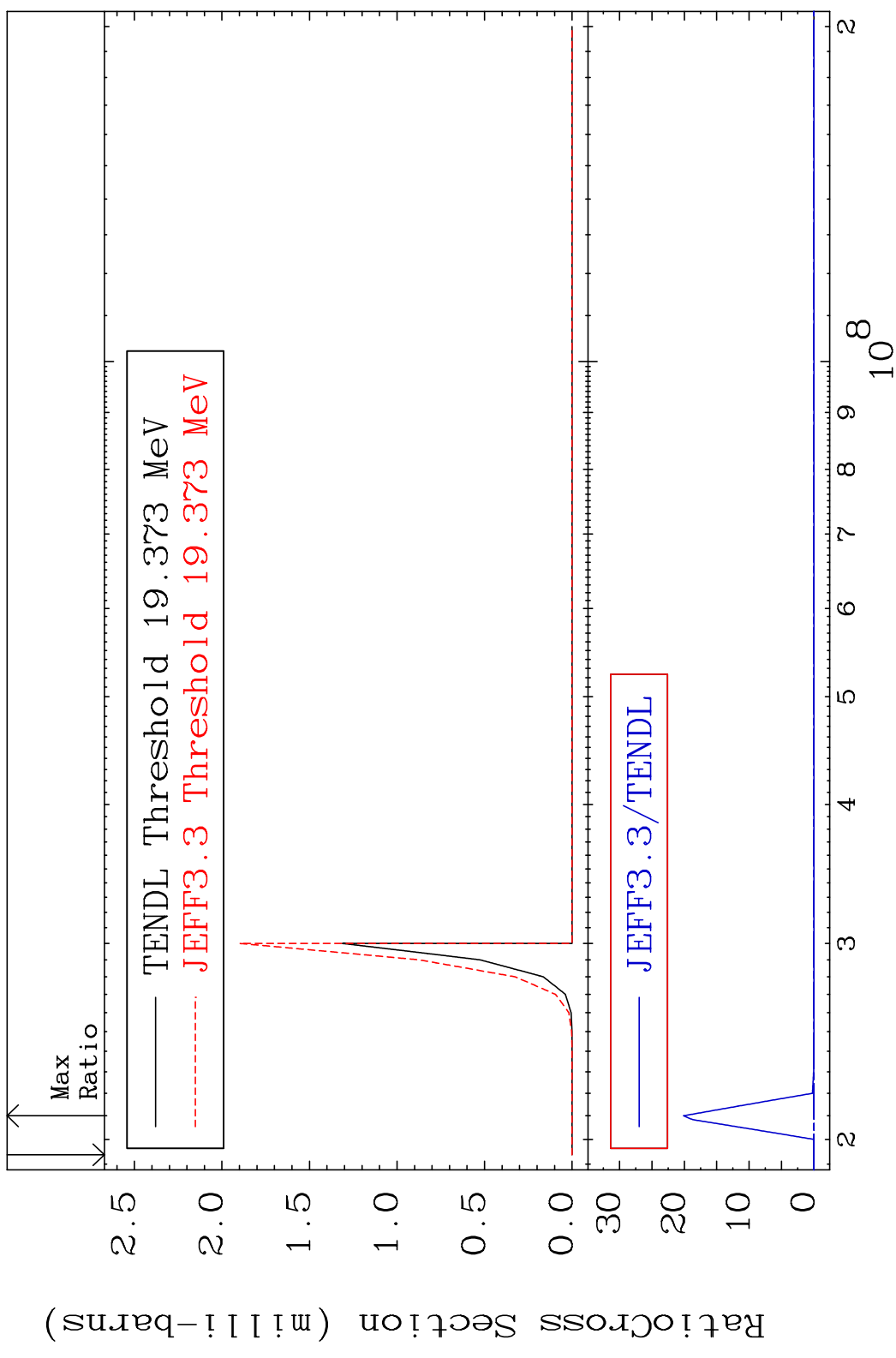


MAT 7128 (n,2n) p 71-Lu-176  
 Cross Section -100.0 To 7745. %

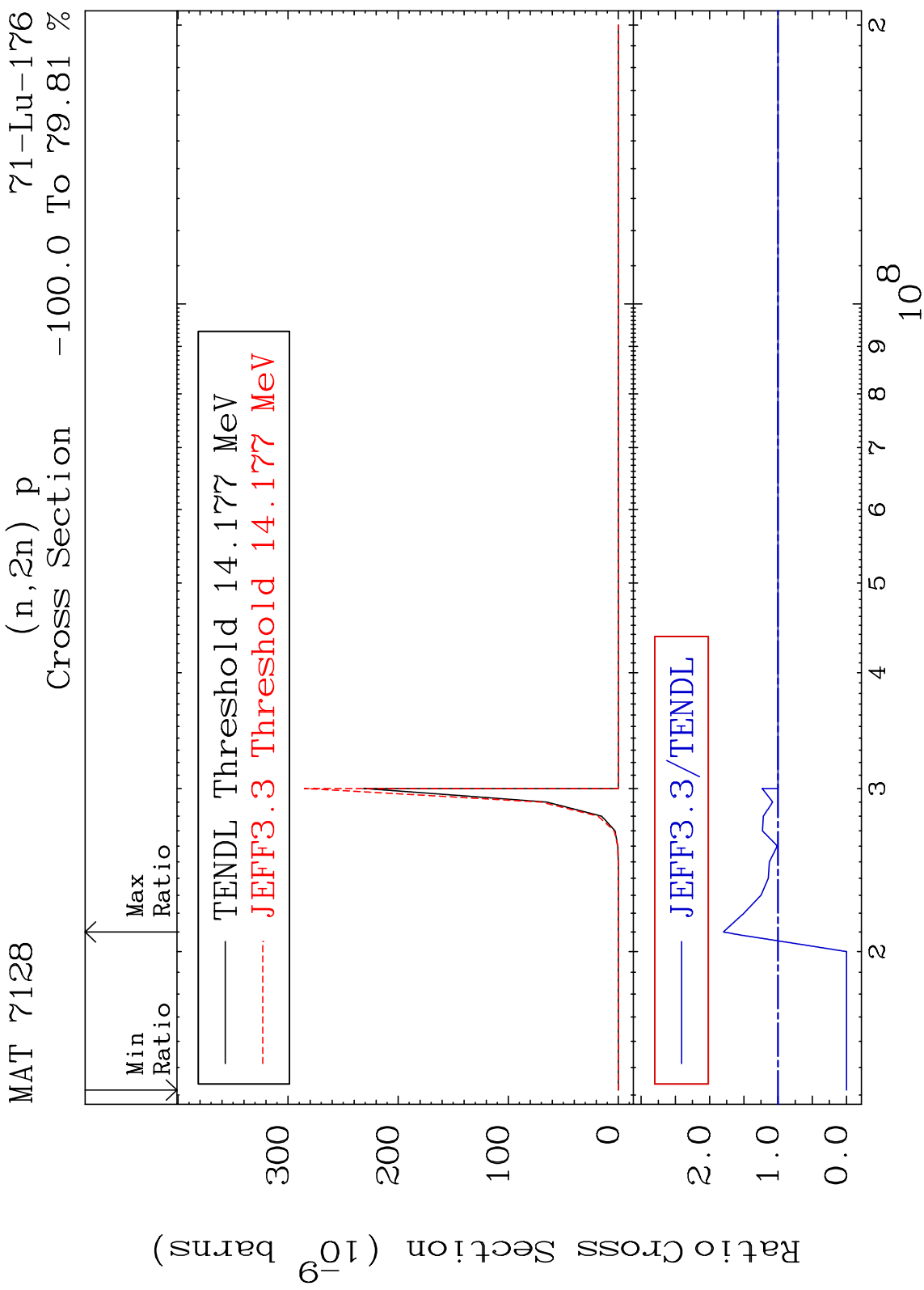


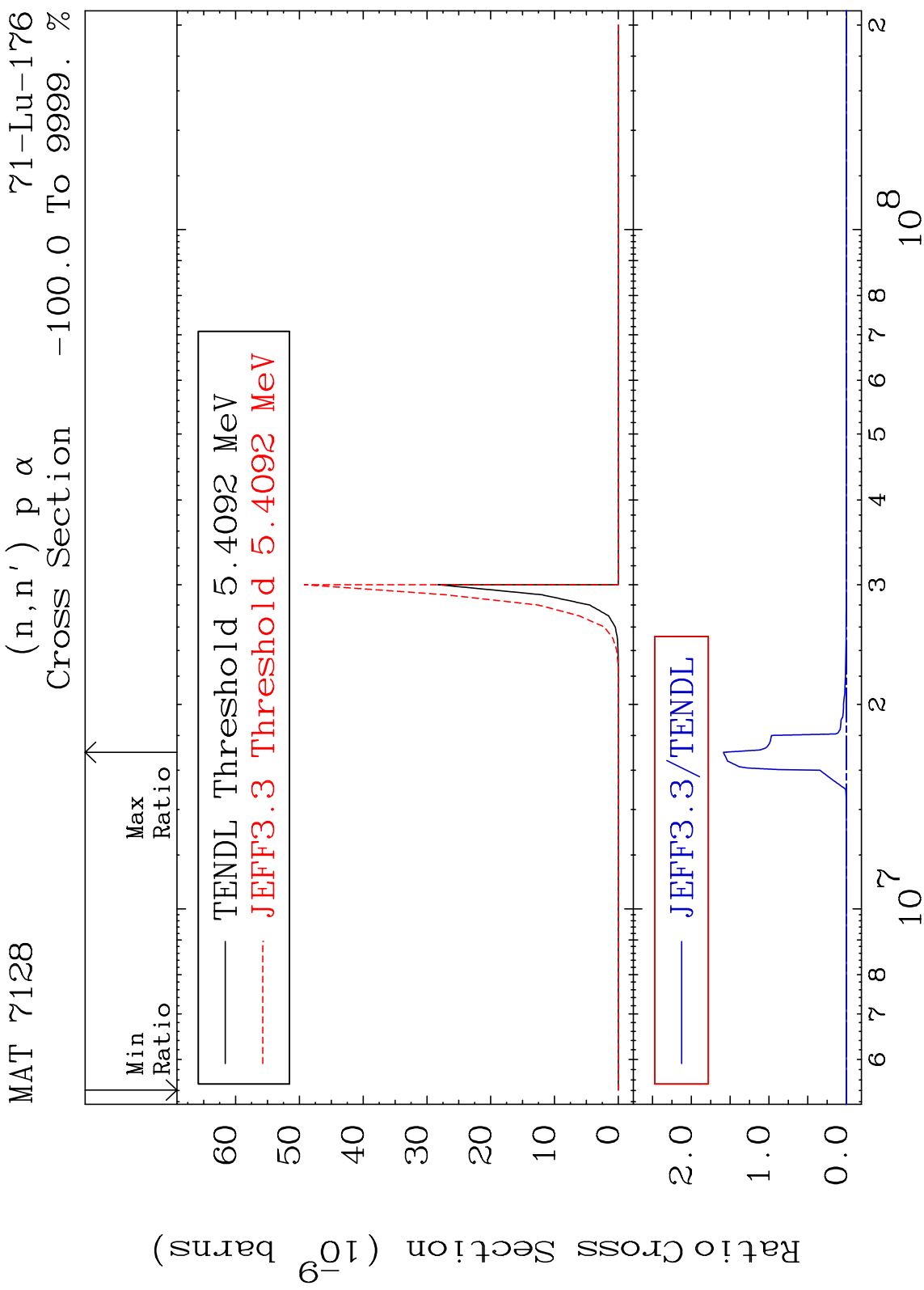
16 71-Lu-176

MAT 7128 (n,3n) p 71-Lu-176  
 Cross Section -100.0 To 9999. %

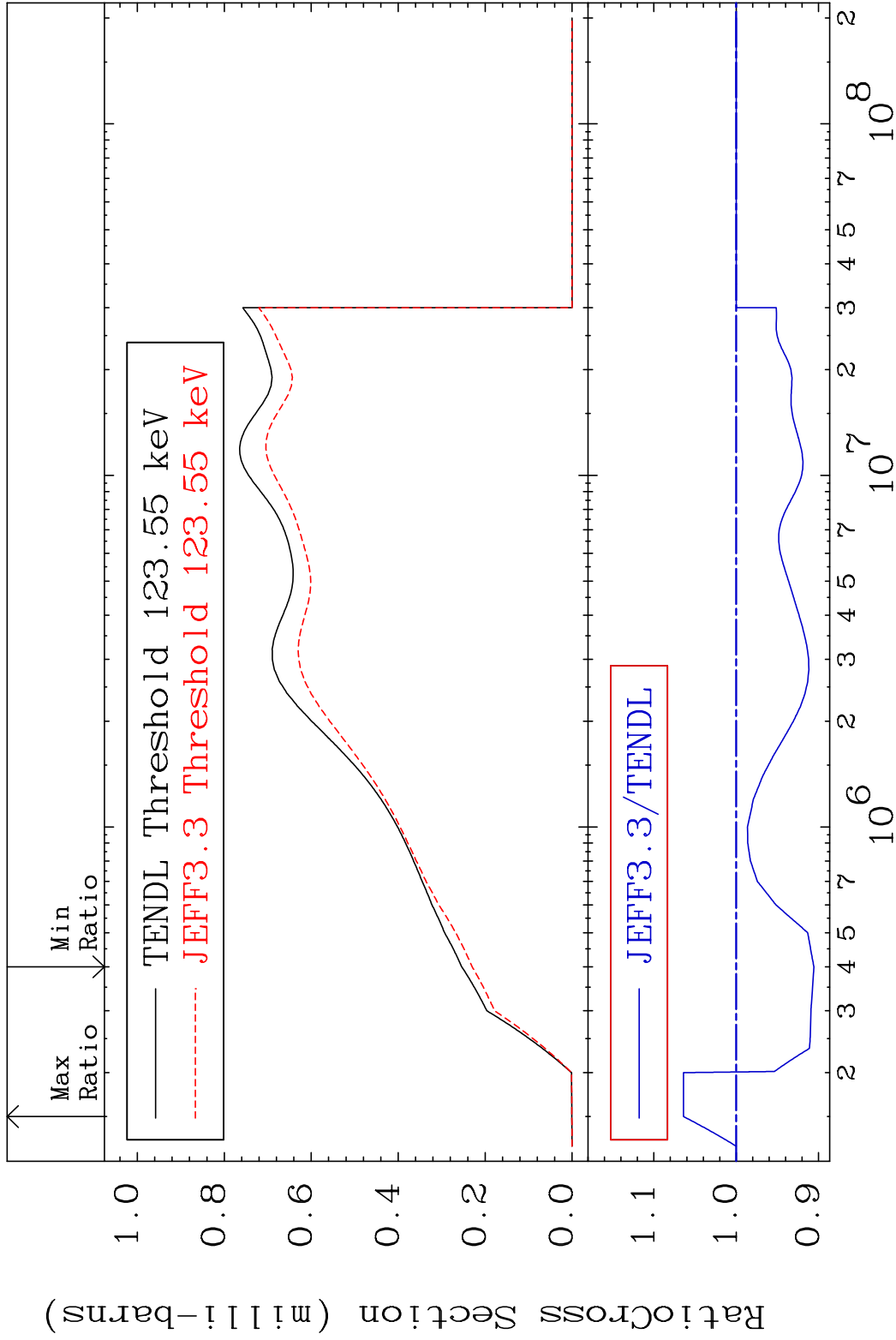


17 71-Lu-176

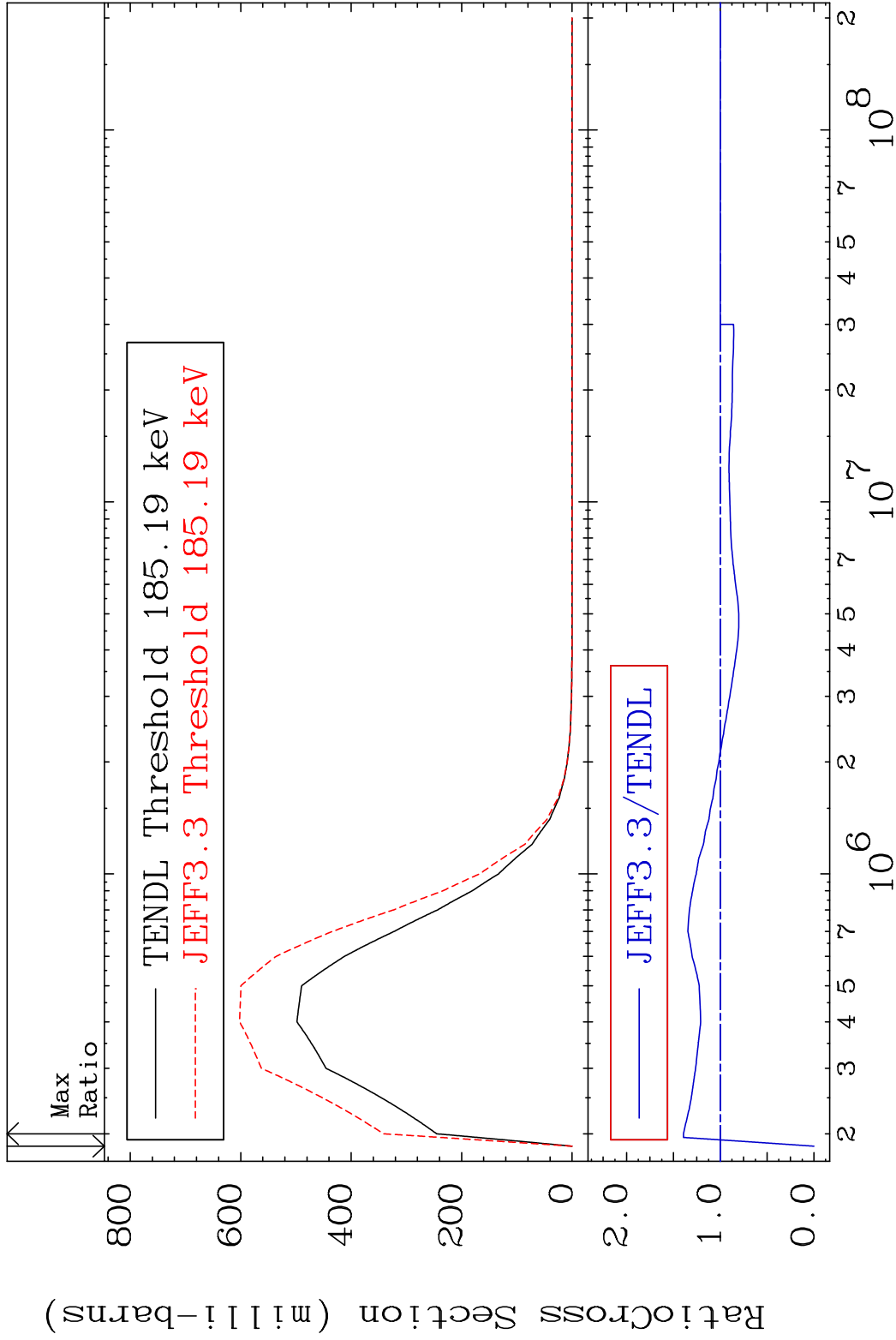




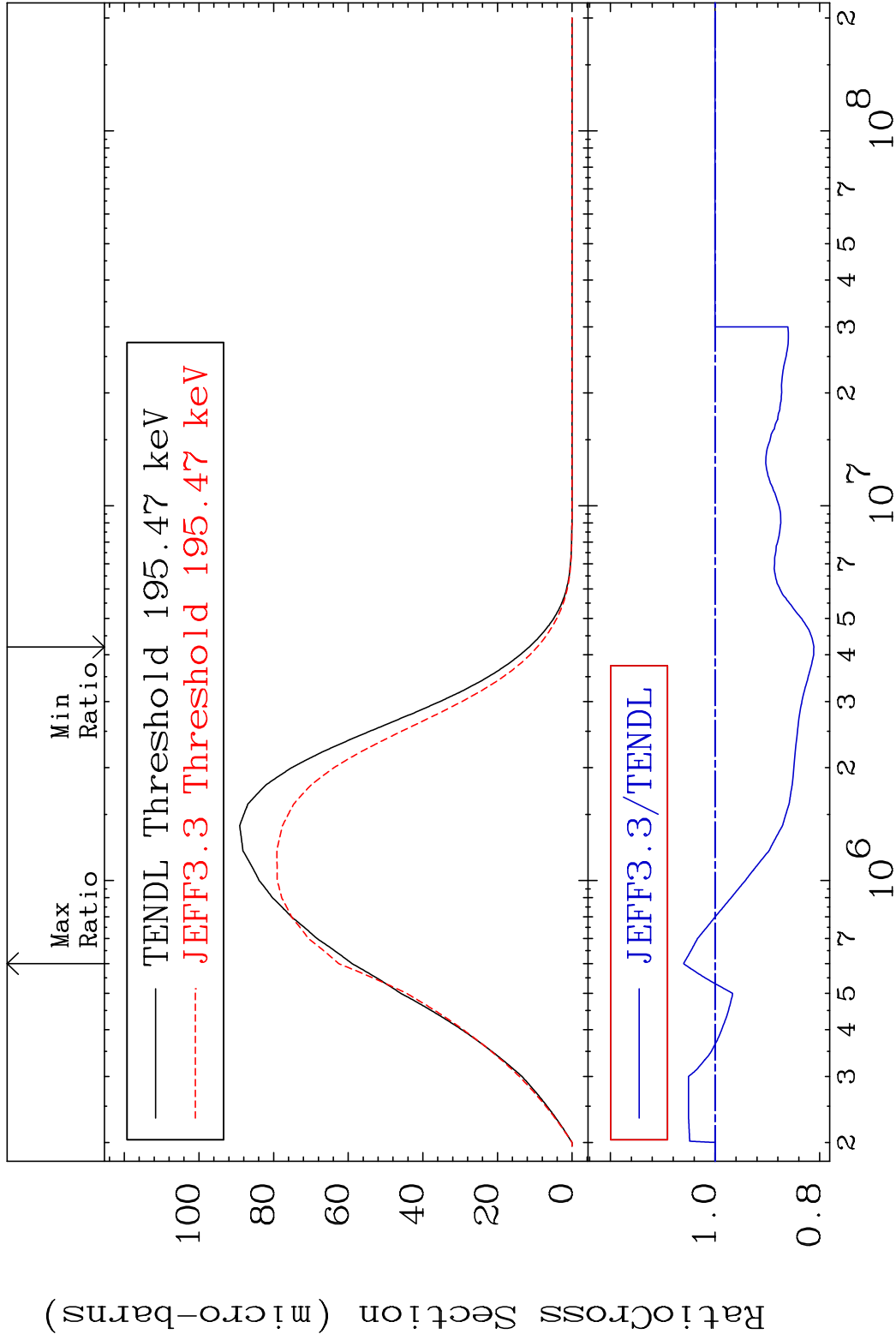
MAT 7128 MT= 51 (n, n') Level 71-Lu-176  
 Cross Section -9.444 To 6.407 %



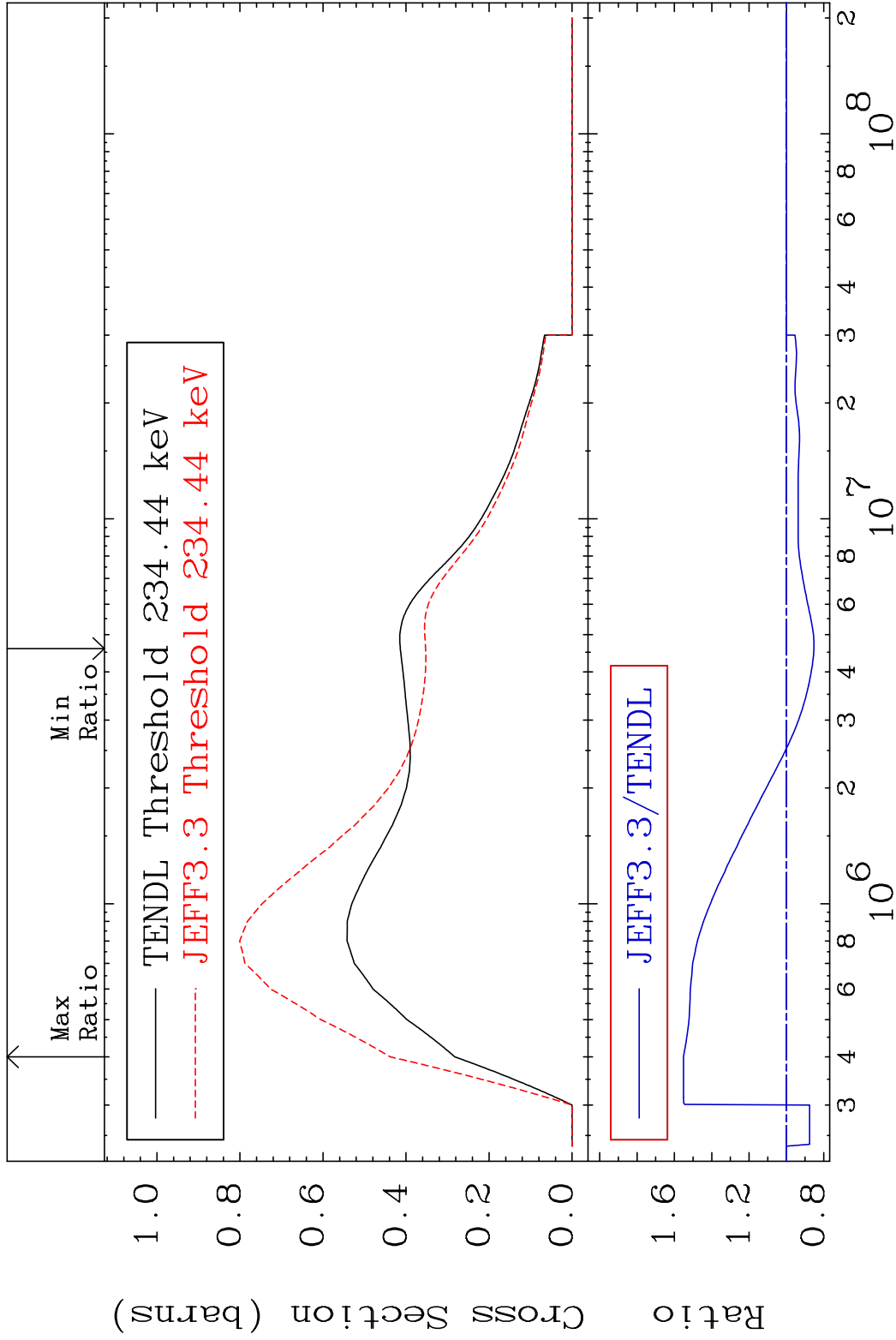
MAT 7128 MT= 52 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 39.25 %



MAT 7128 MT= 53 (n, n') Level 71-Lu-176  
 Cross Section -18.88 To 6.046 %

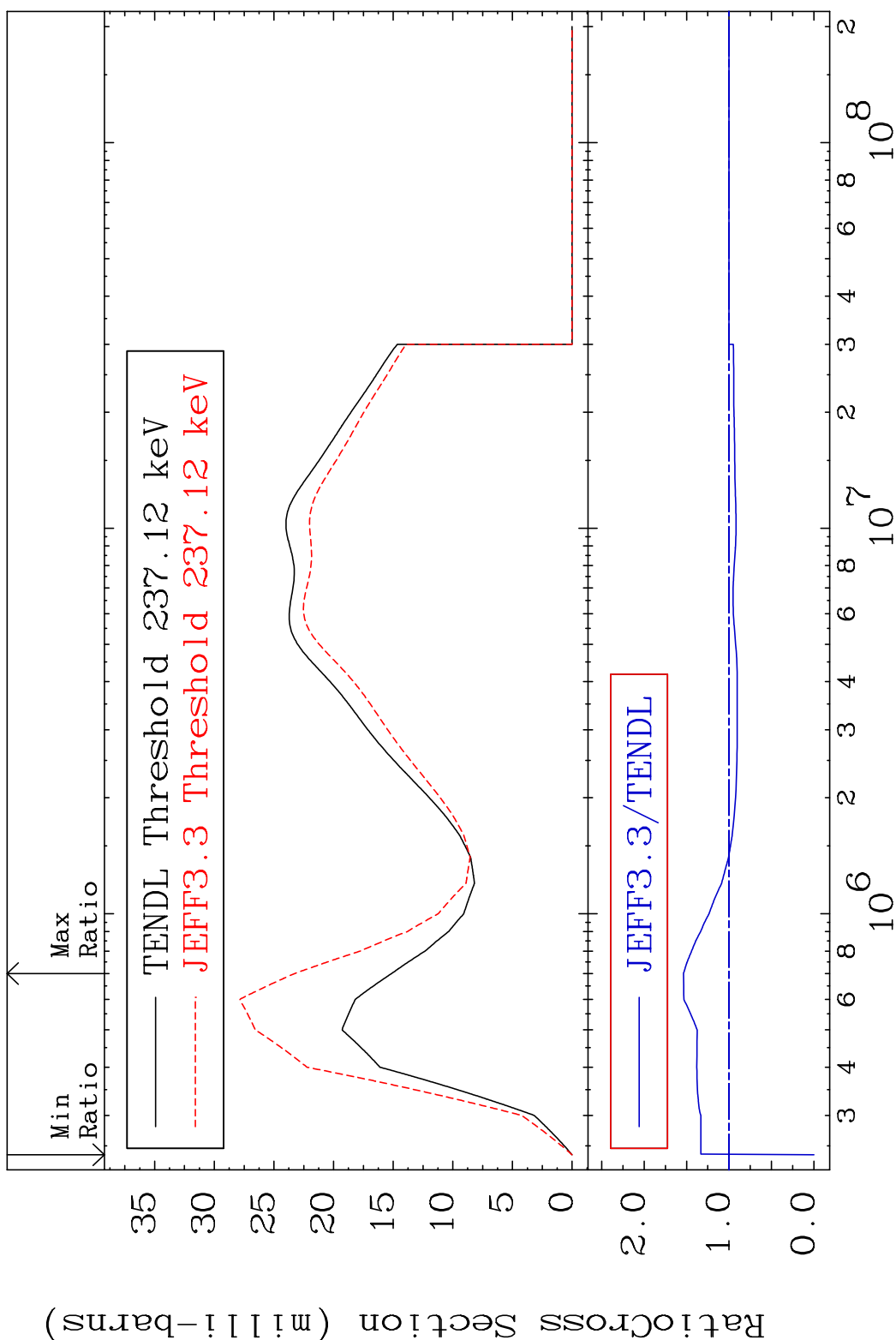


MAT 7128 MT= 54 (n, n') Level 71-Lu-176  
 Cross Section -14.69 To 55.15 %

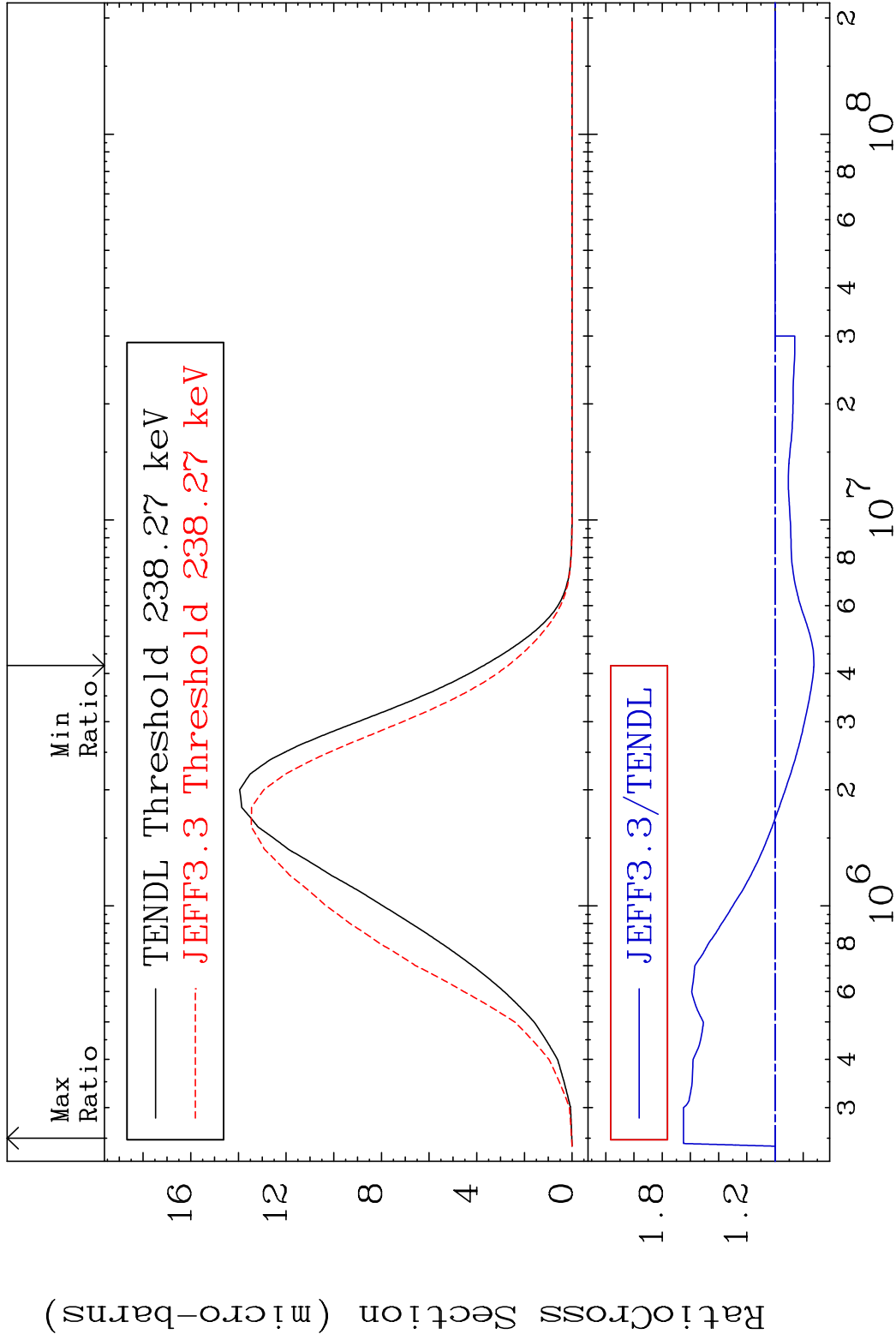




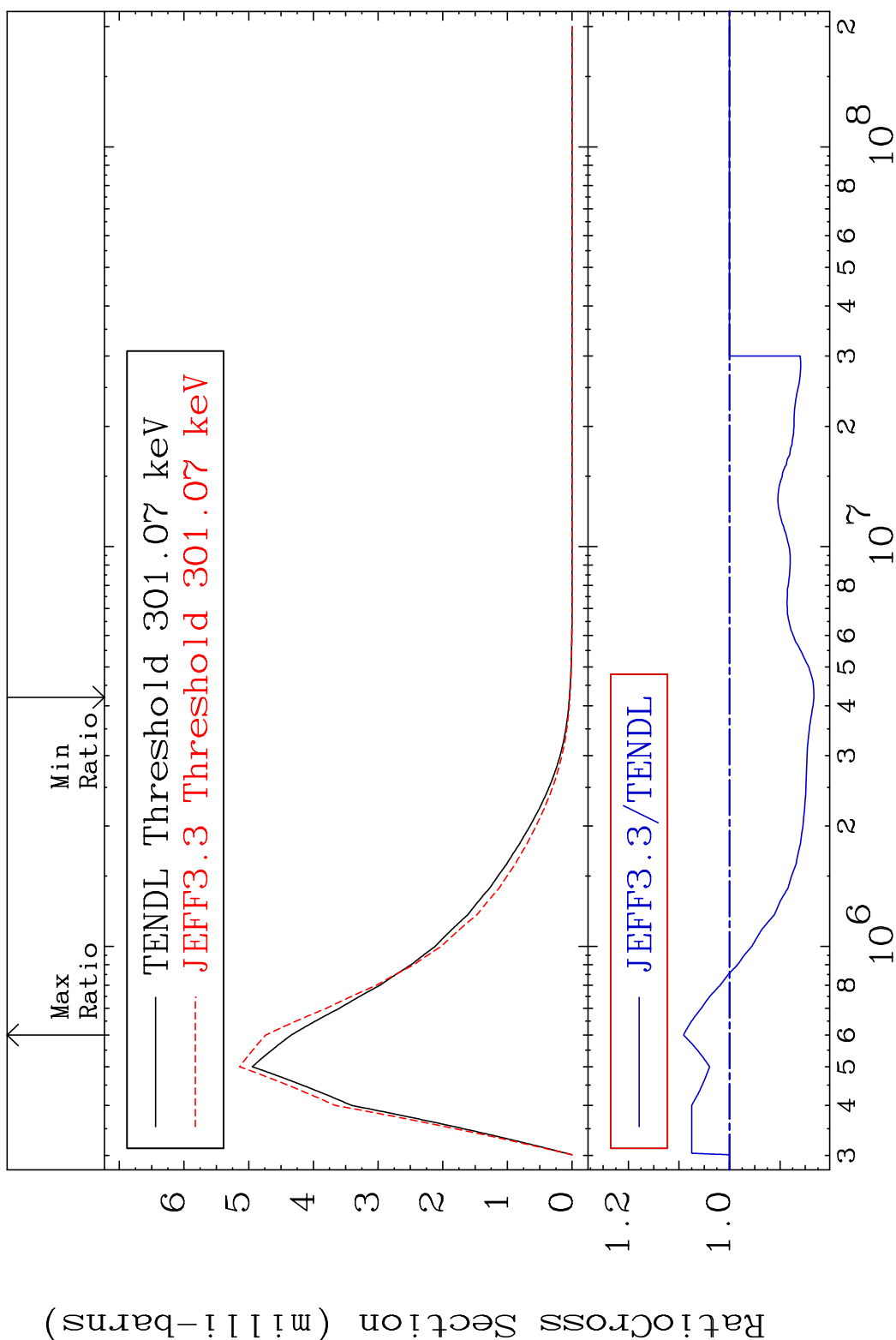
MAT 7128 MT= 55 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 53.71 %



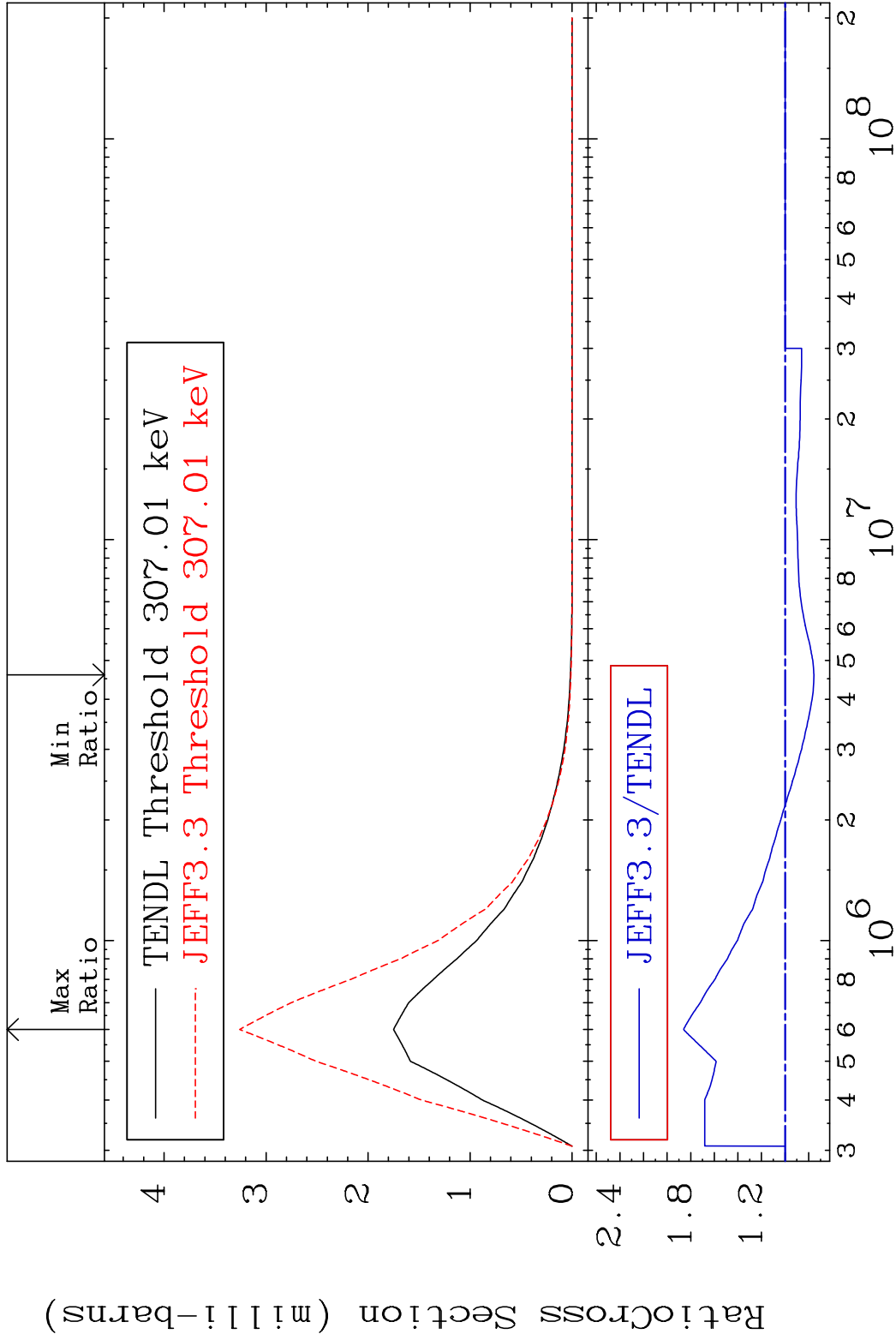
MAT 7128 MT= 56 (n, n') Level 71-Lu-176  
 Cross Section -27.52 To 64.95 %



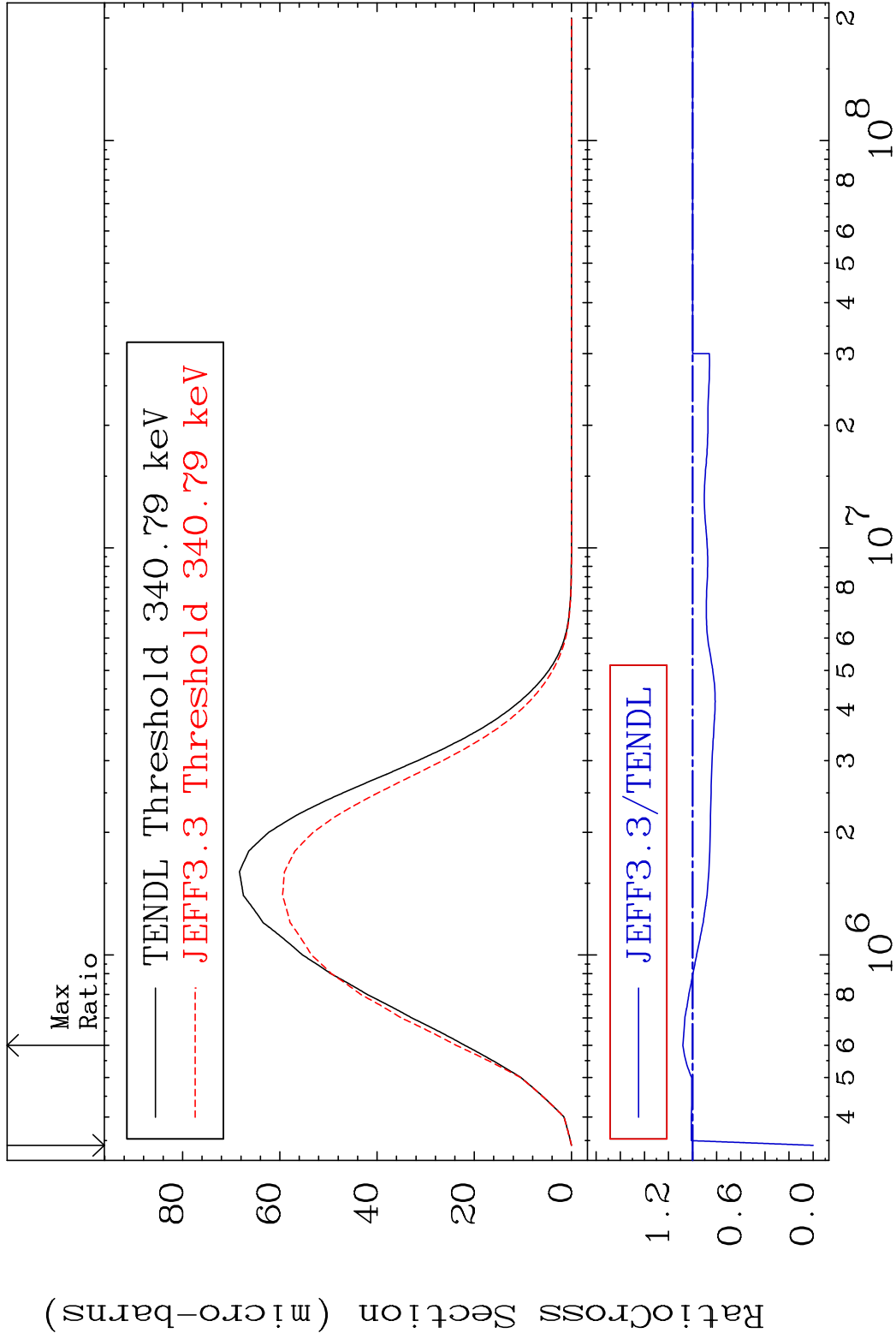
MAT 7128 MT= 57 (n, n') Level 71-Lu-176  
 Cross Section -16.69 To 9.112 %



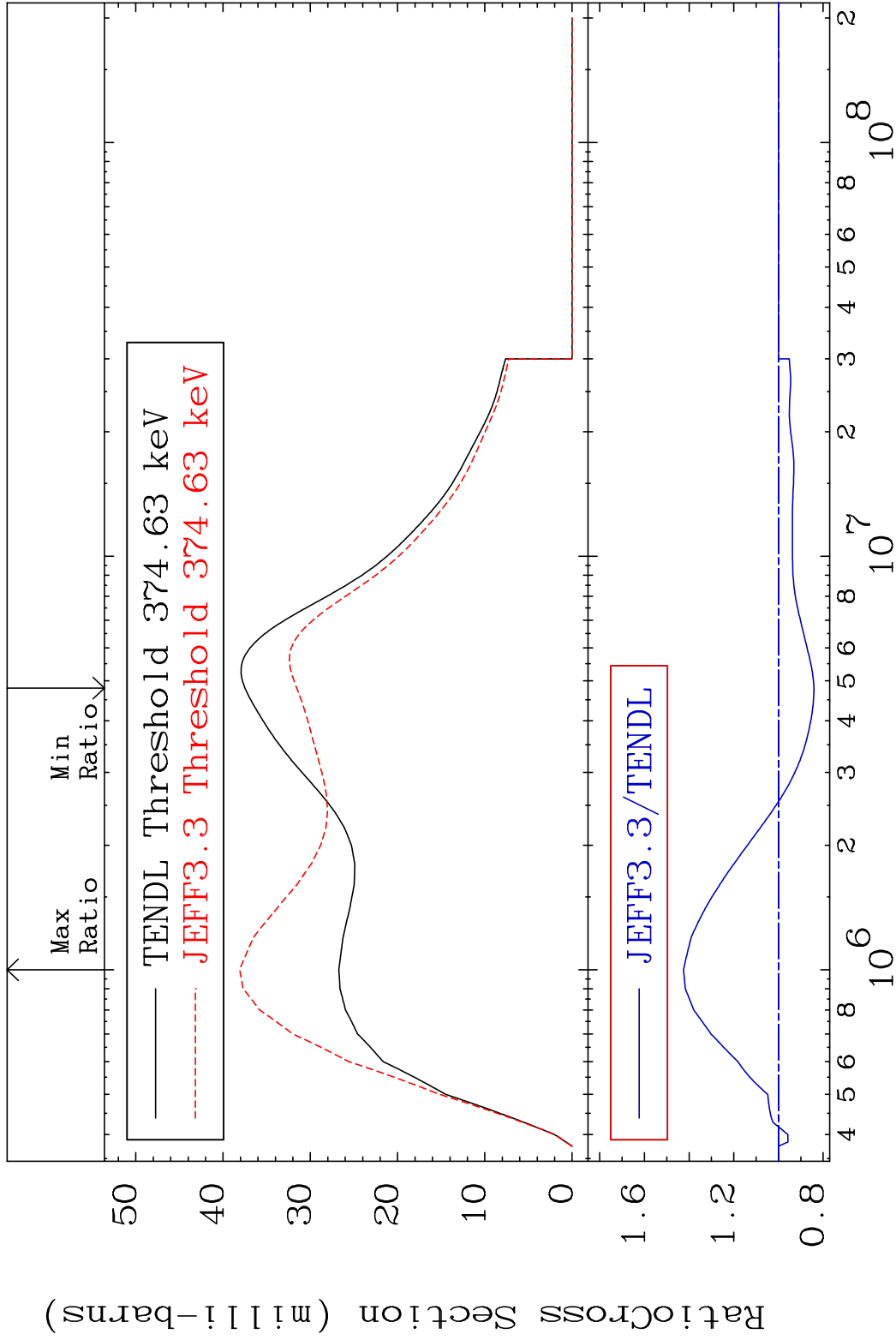
MAT 7128 MT= 58 (n, n') Level 71-Lu-176  
 Cross Section -24.40 To 86.15 %



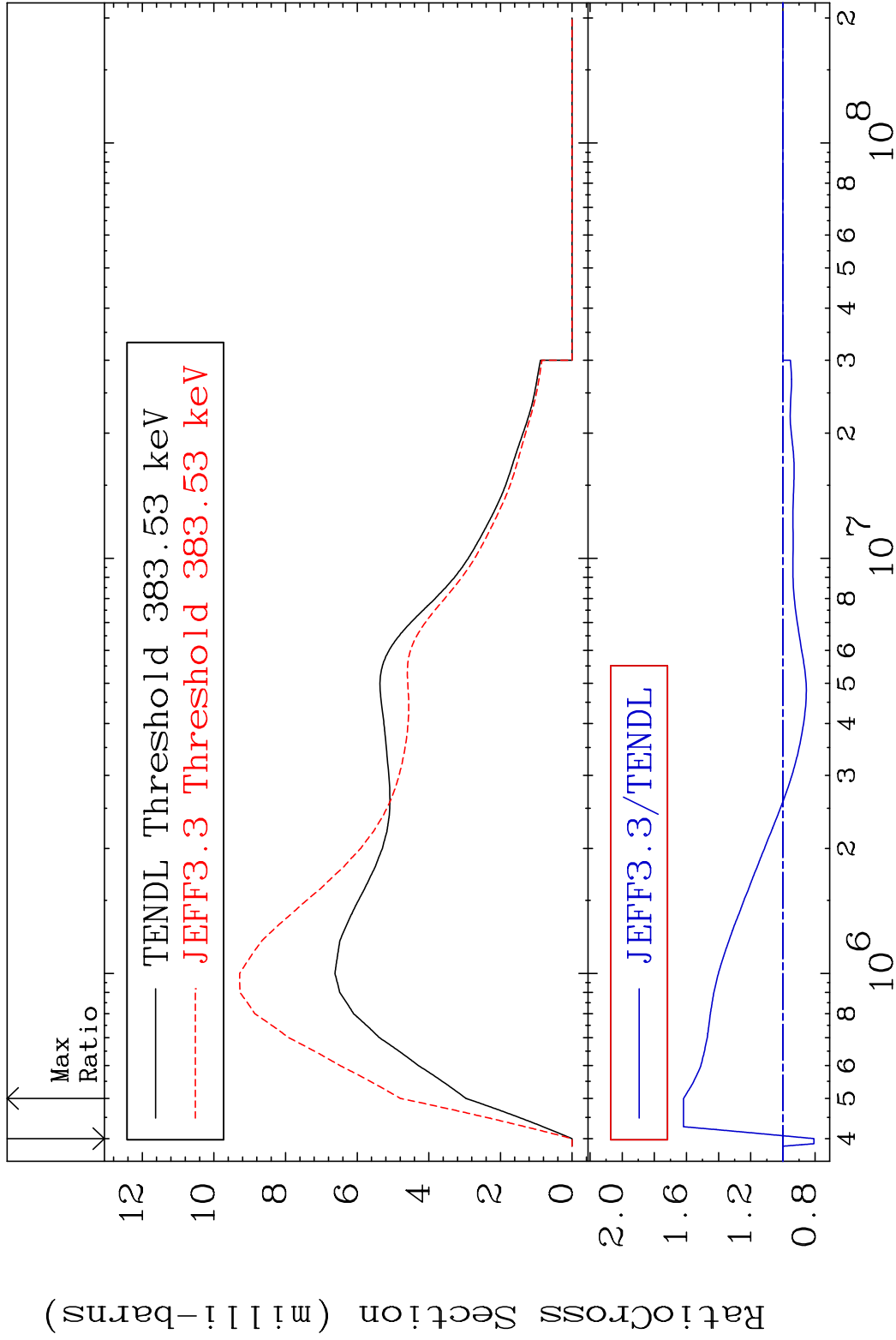
MAT 7128 MT= 59 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 8.132 %



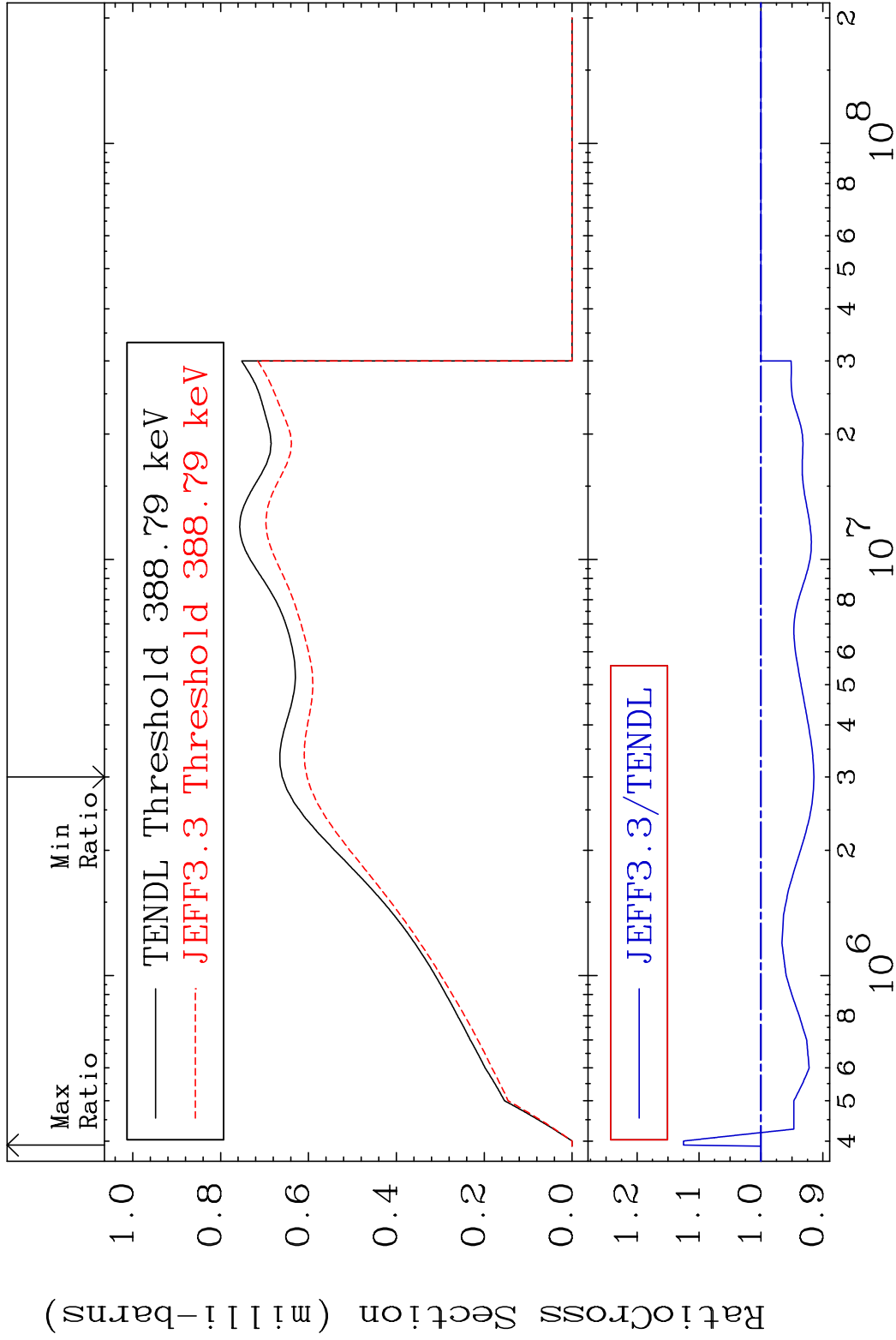
MAT 7128 MT= 60 (n, n') Level 71-Lu-176  
 Cross Section -15.84 To 42.53 %



MAT 7128 MT= 61 (n, n') Level 71-Lu-176  
 Cross Section -19.28 To 61.88 %

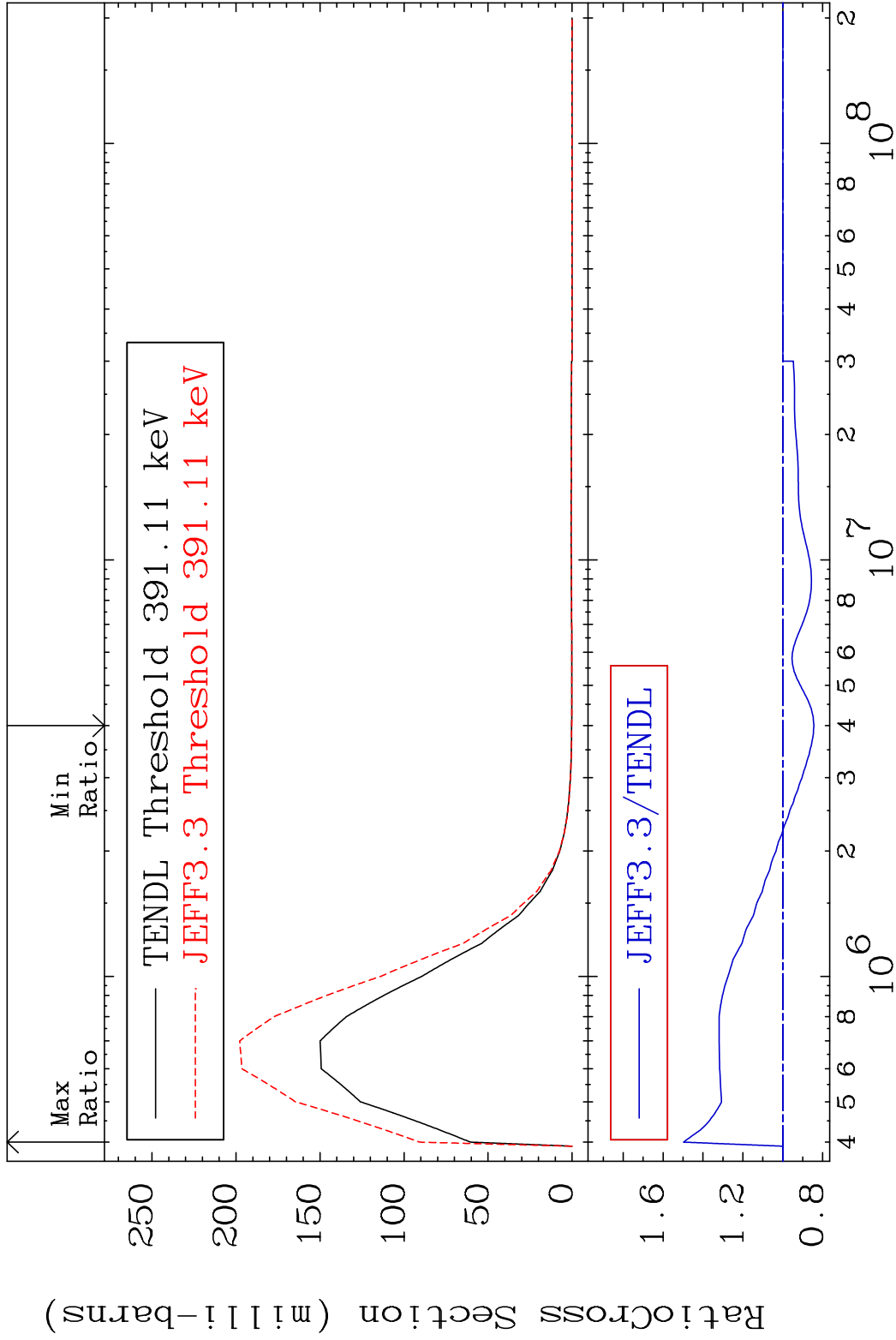


MAT 7128 MT= 62 (n, n') Level 71-Lu-176  
 Cross Section -8.537 To 12.51 %

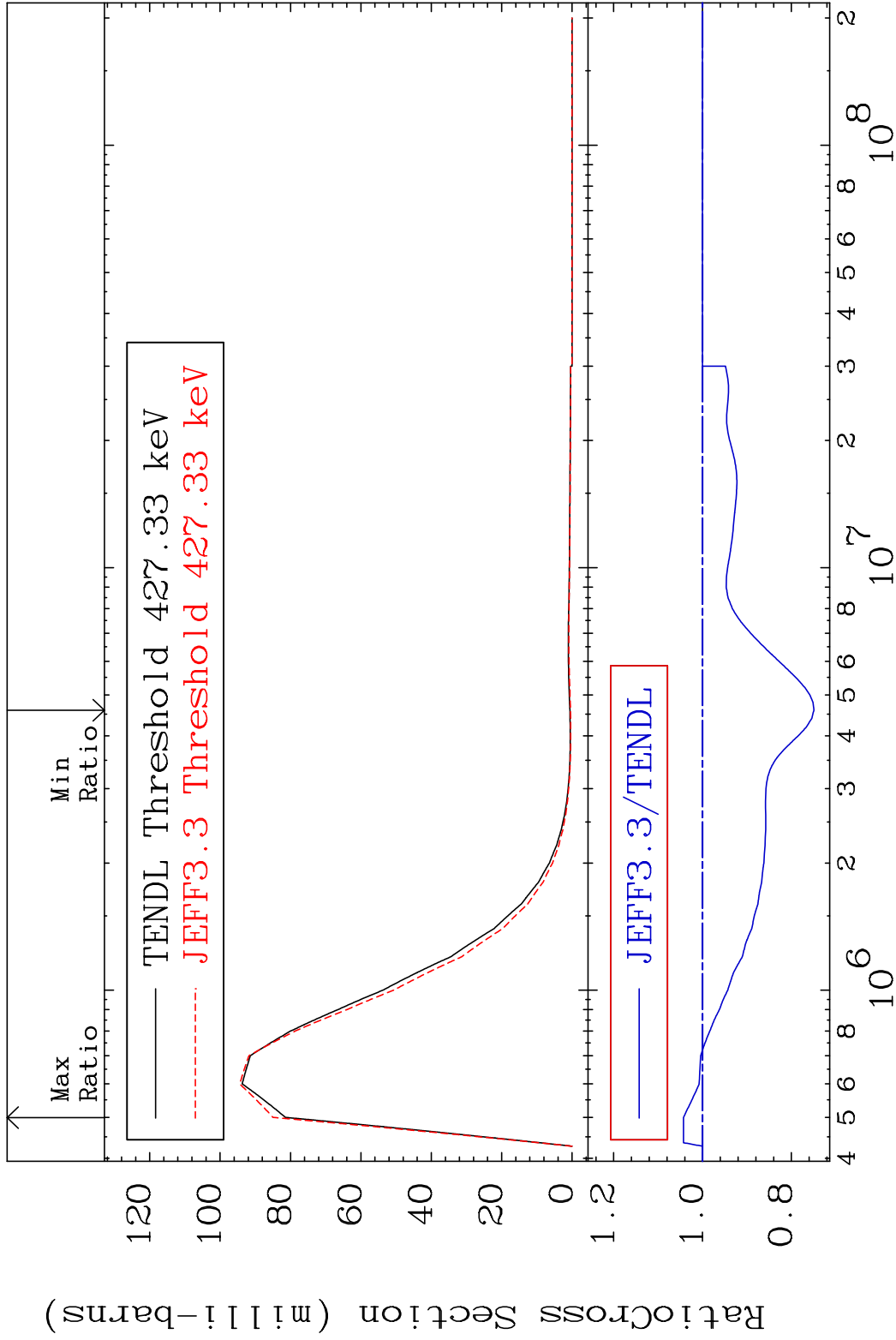




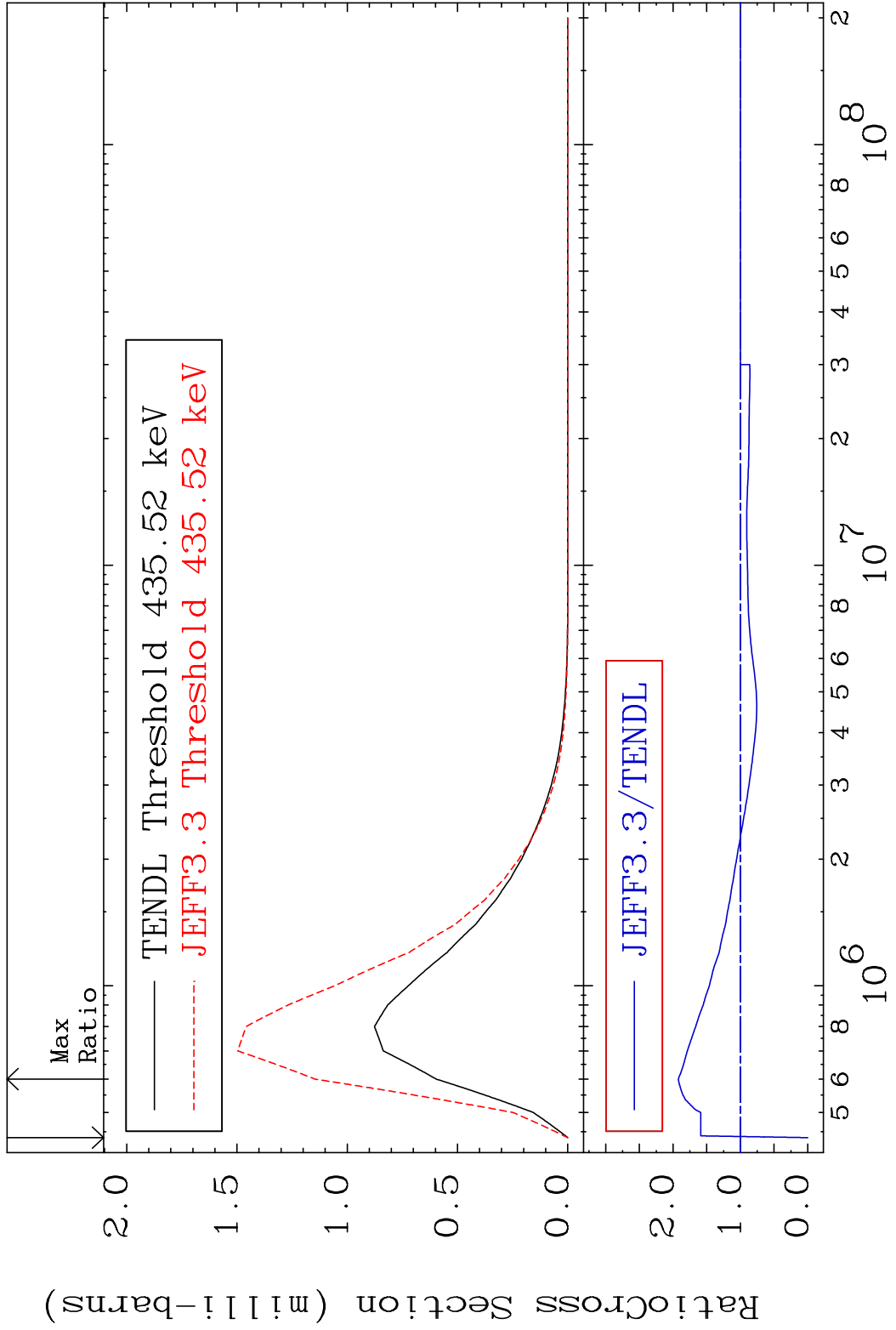
MAT 7128 MT= 63 (n, n') Level 71-Lu-176  
 Cross Section -15.57 To 49.80 %



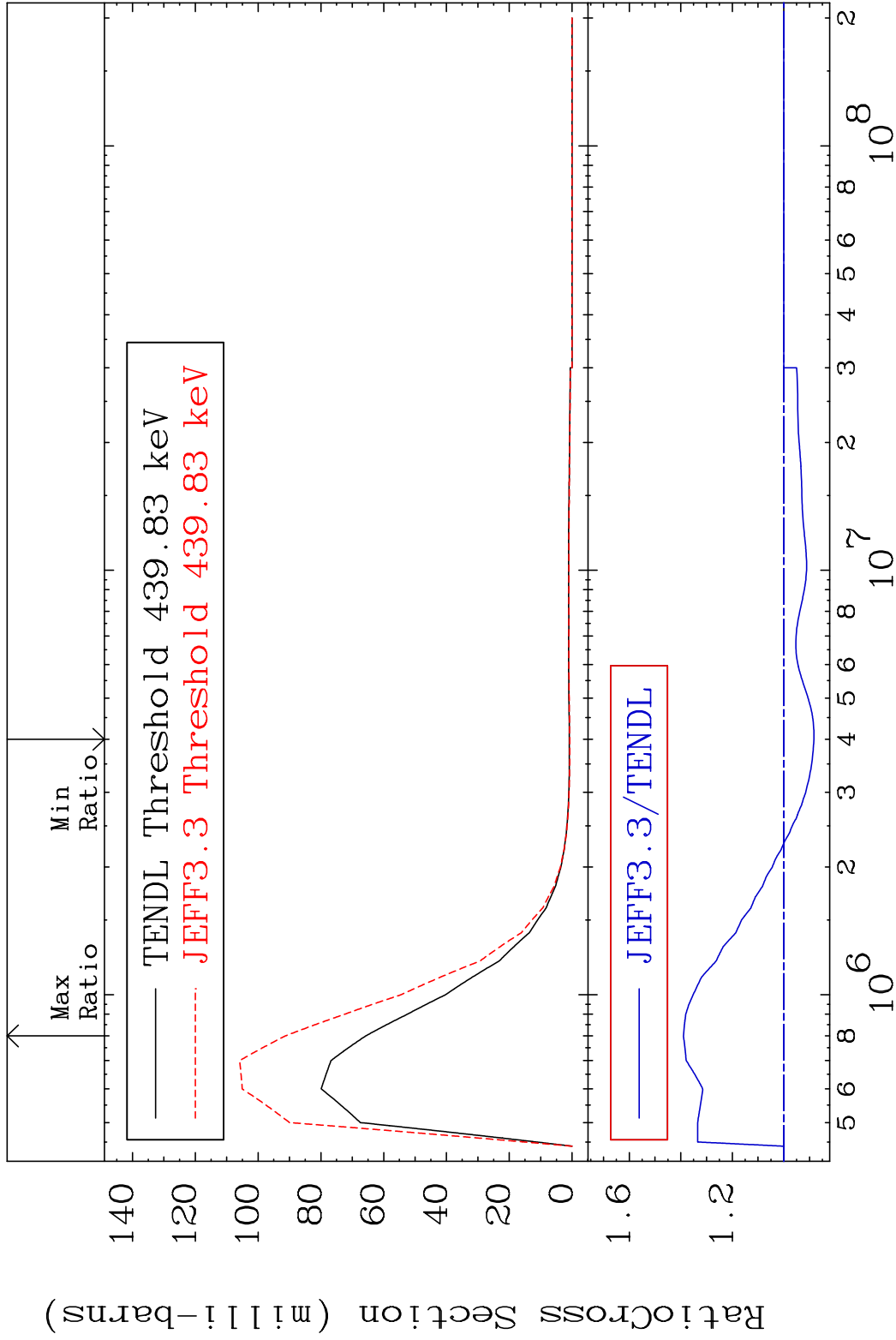
MAT 7128 MT= 64 (n, n') Level 71-Lu-176  
 Cross Section -25.06 To 4.295 %



MAT 7128 MT= 65 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 92.27 %

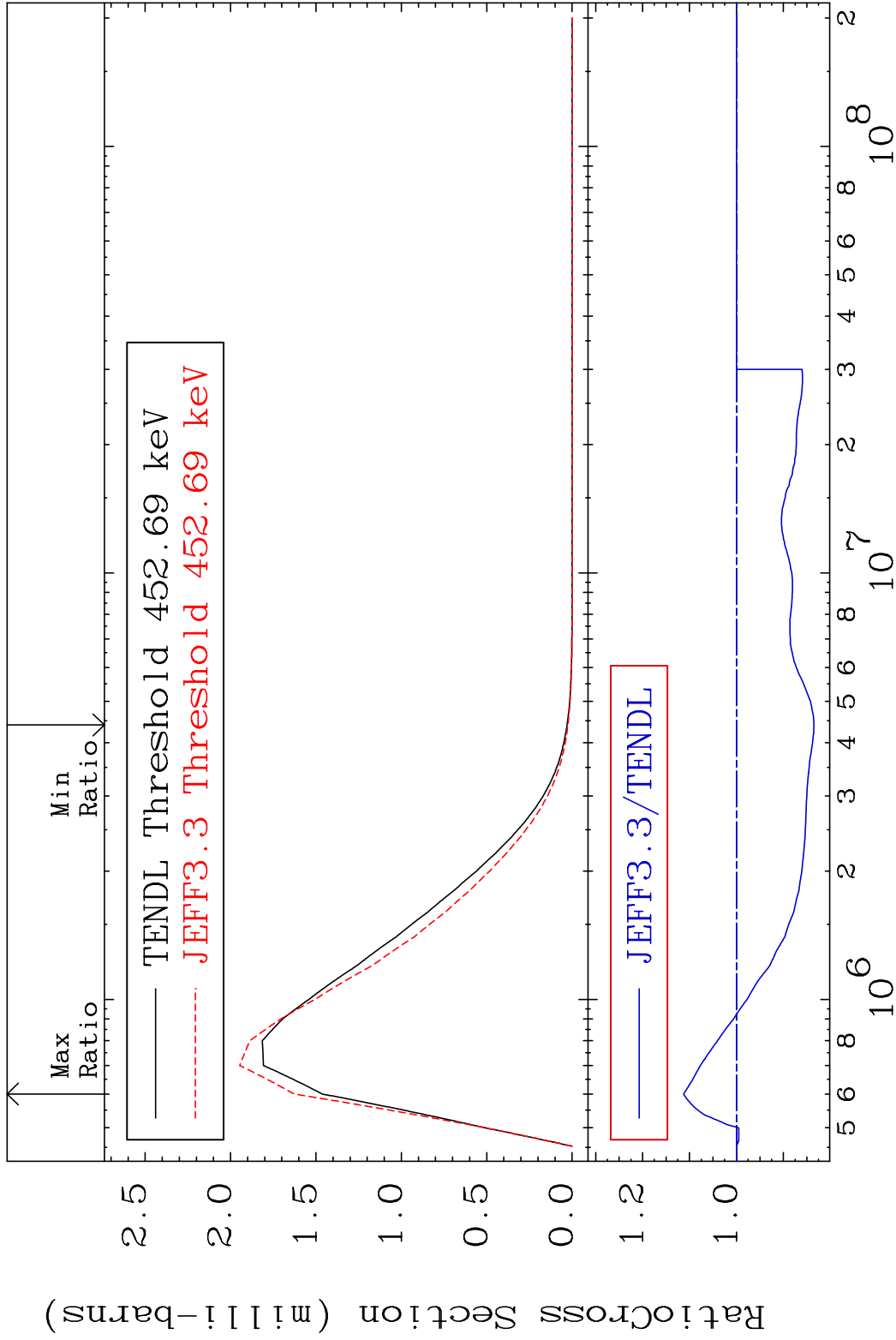


MAT 7128 MT= 66 (n, n') Level 71-Lu-176  
 Cross Section -11.69 To 38.96 %

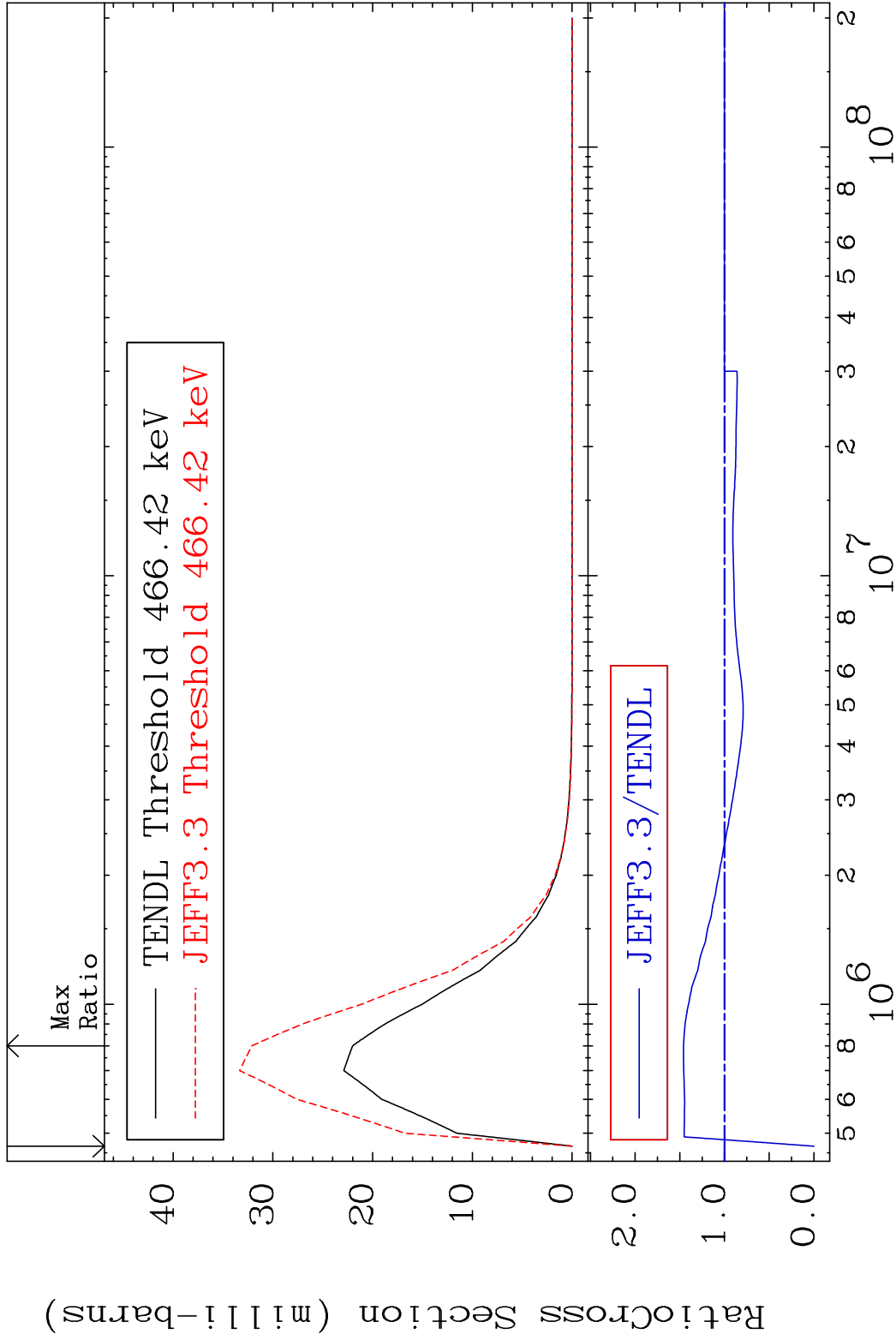


35 Incident Energy (eV) 71-Lu-176

MAT 7128 MT= 67 (n, n') Level 71-Lu-176  
 Cross Section -16.50 To 11.29 %

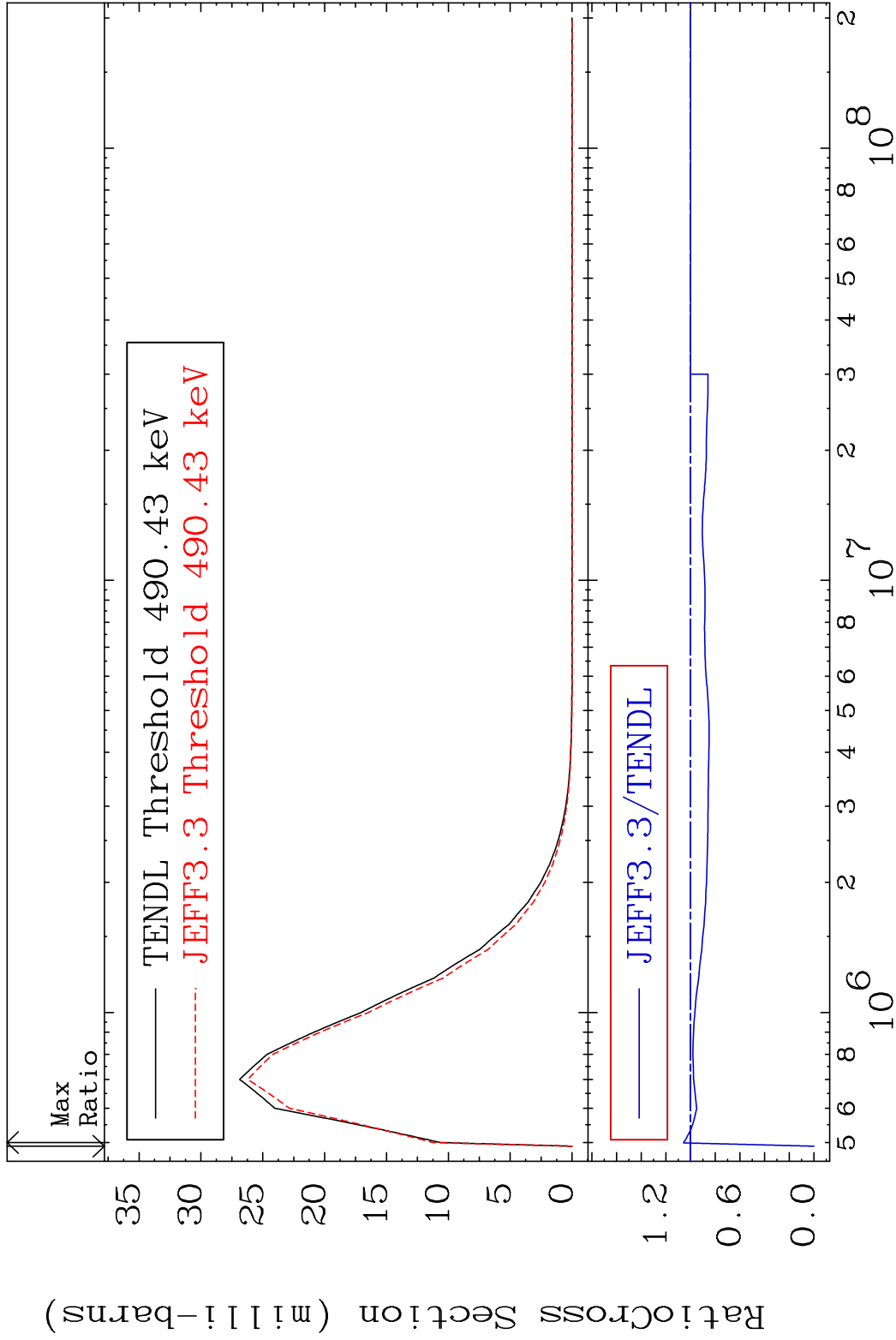


MAT 7128 MT= 68 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 45.90 %



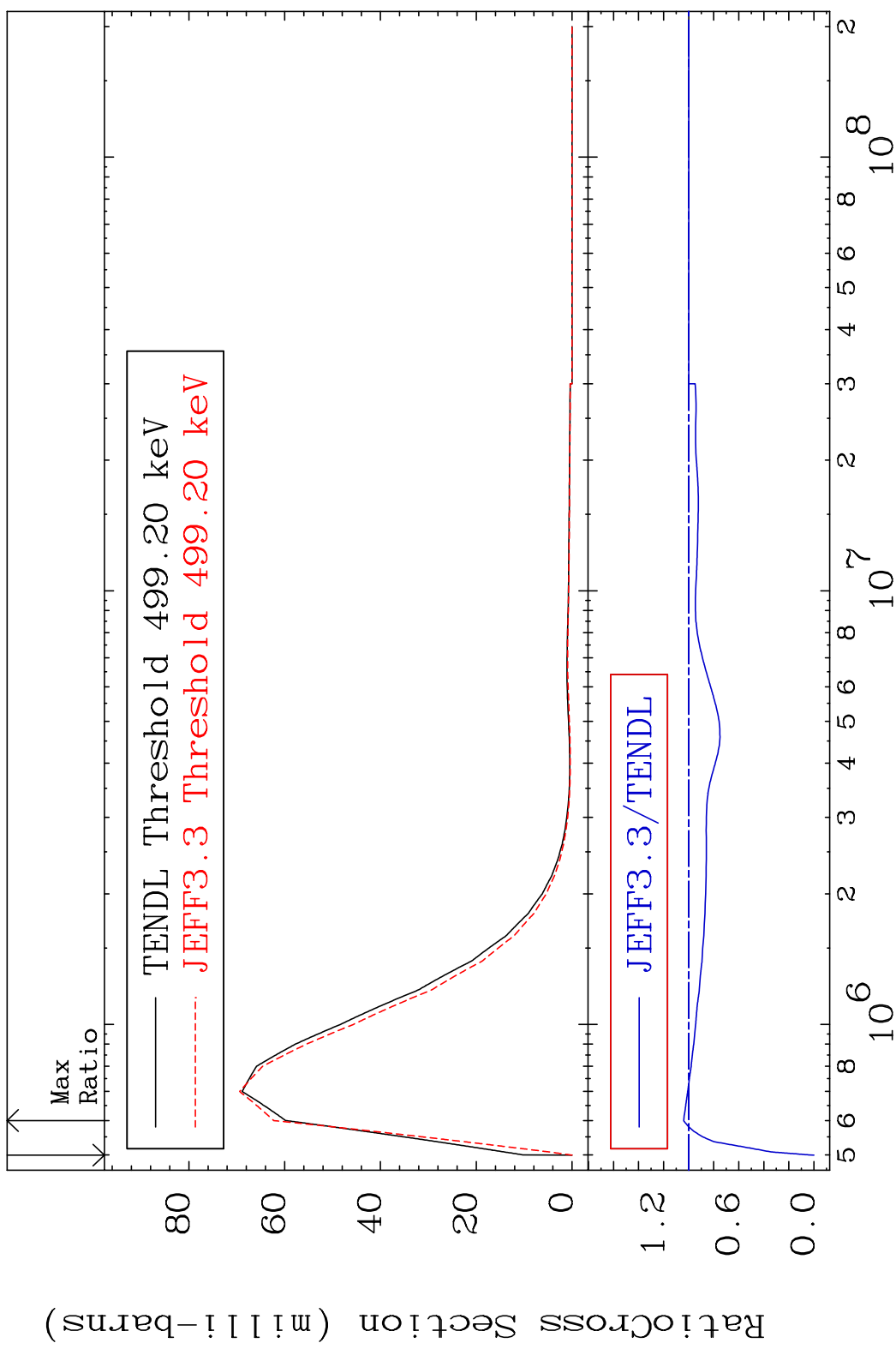
37 Incident Energy (eV) 71-Lu-176

MAT 7128 MT= 69 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 5.771 %



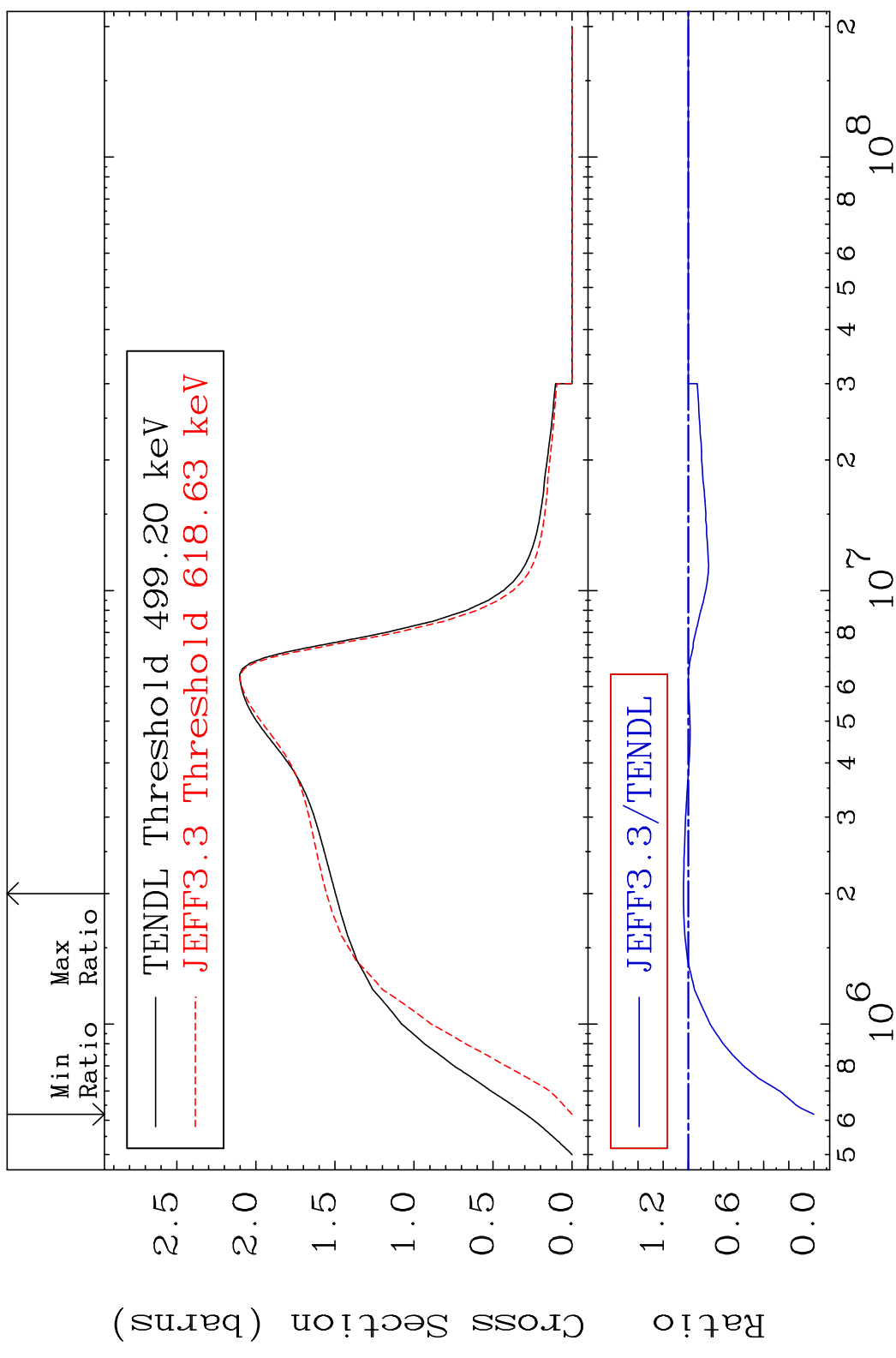
38 71-Lu-176

MAT 7128 MT= 70 (n, n') Level 71-Lu-176  
 Cross Section -100.0 To 4.170 %





MAT 7128 (n, n') Continuum 71-Lu-176  
 Cross Section -100.0 To 3.807 %



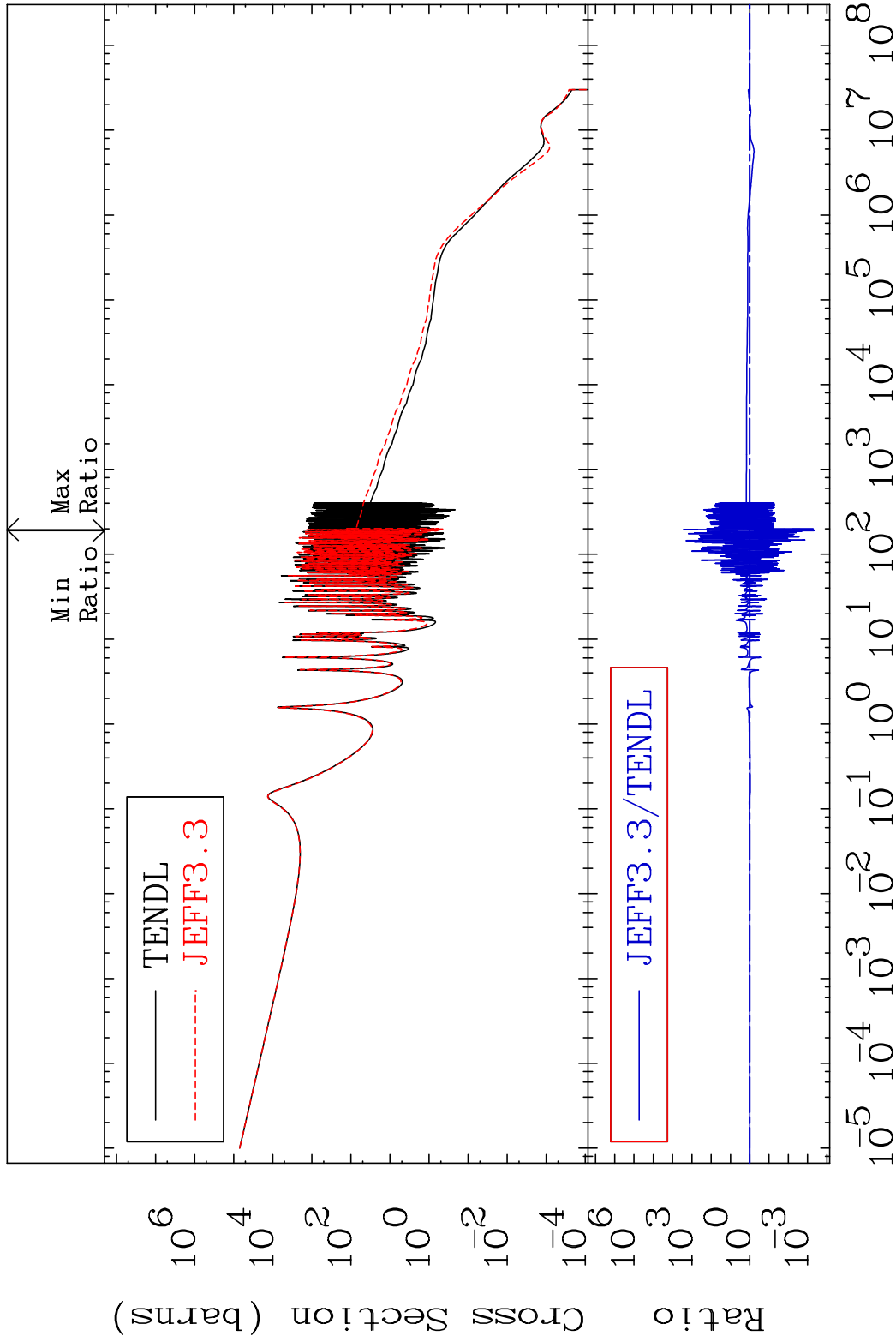
40 Incident Energy (eV) 71-Lu-176

MAT 7128

(n,  $\gamma$ )

71-Lu-176

Cross Section -99.95 To 9999. %



41

Incident Energy (eV)

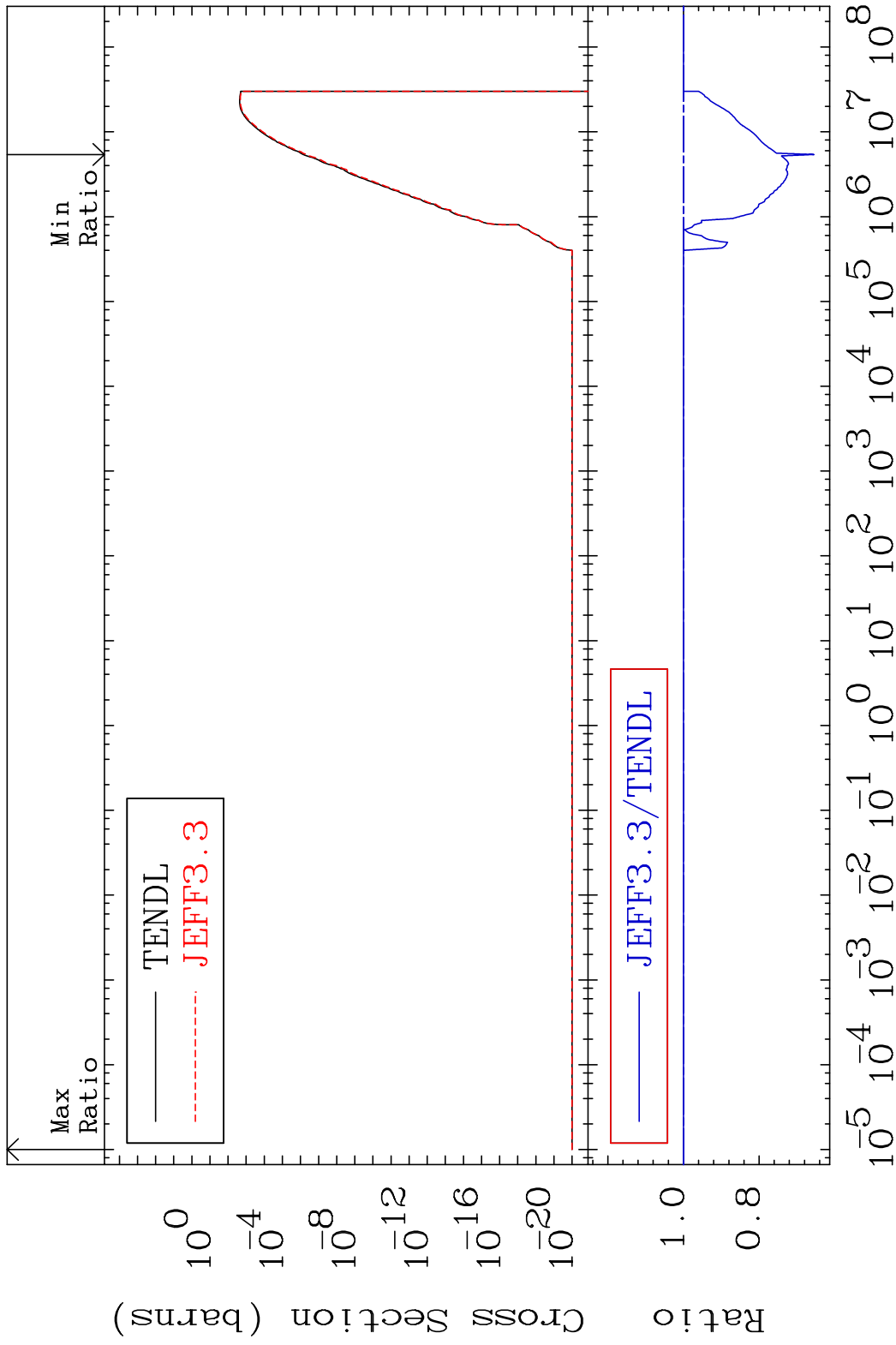
71-Lu-176

MAT 7128

(n, p)

71-Lu-176

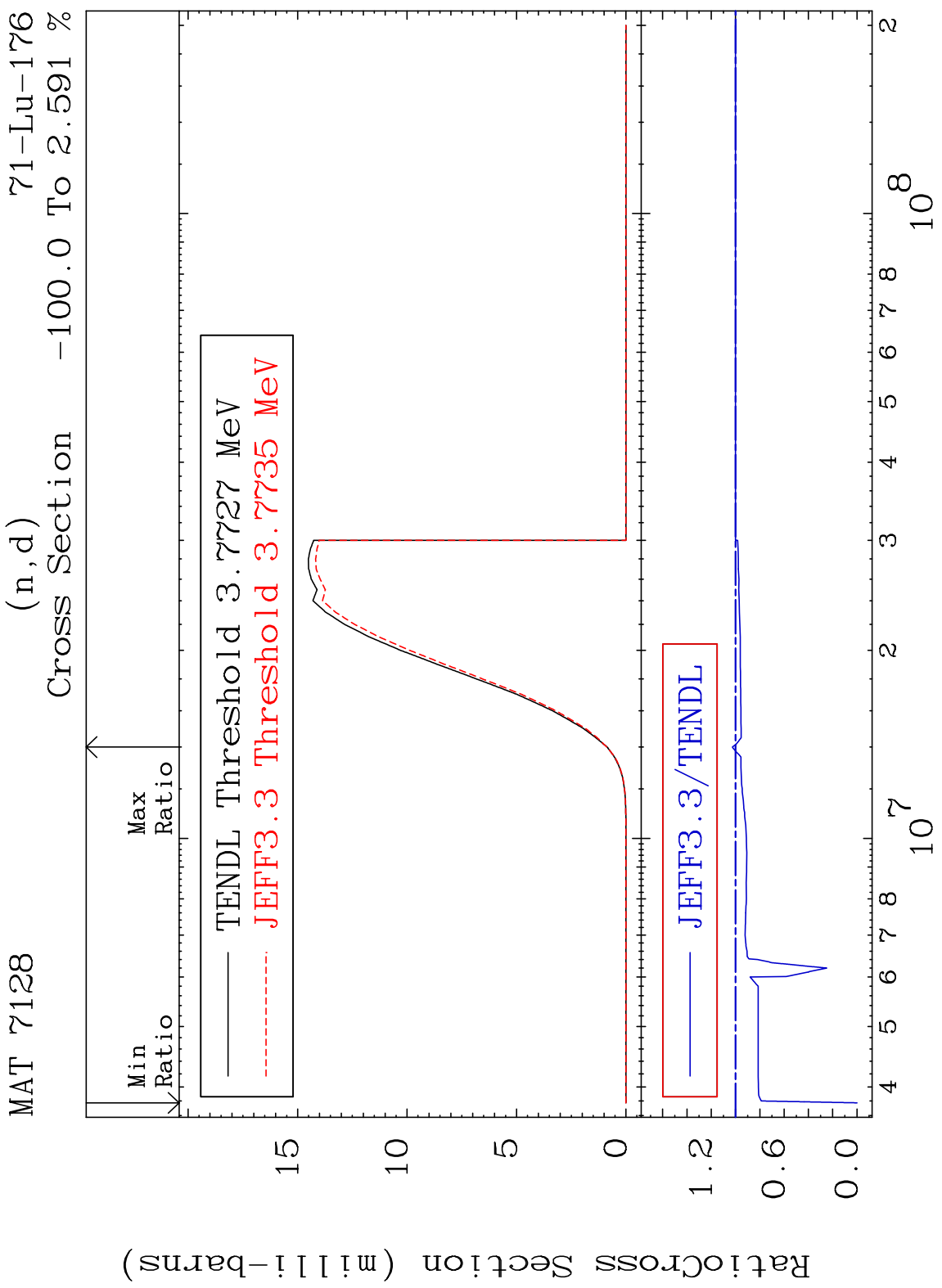
Cross Section -34.49 To 0.000 %

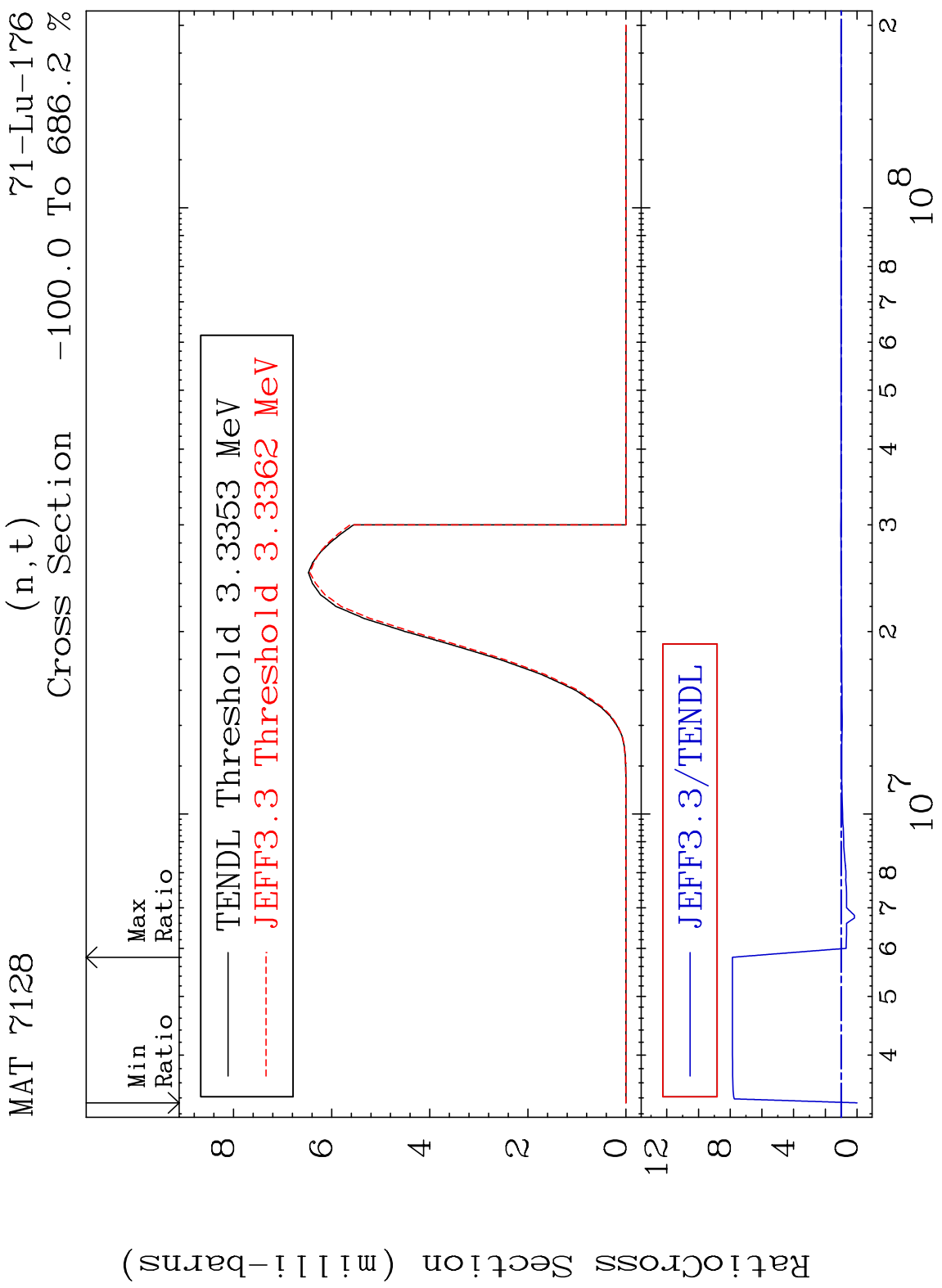


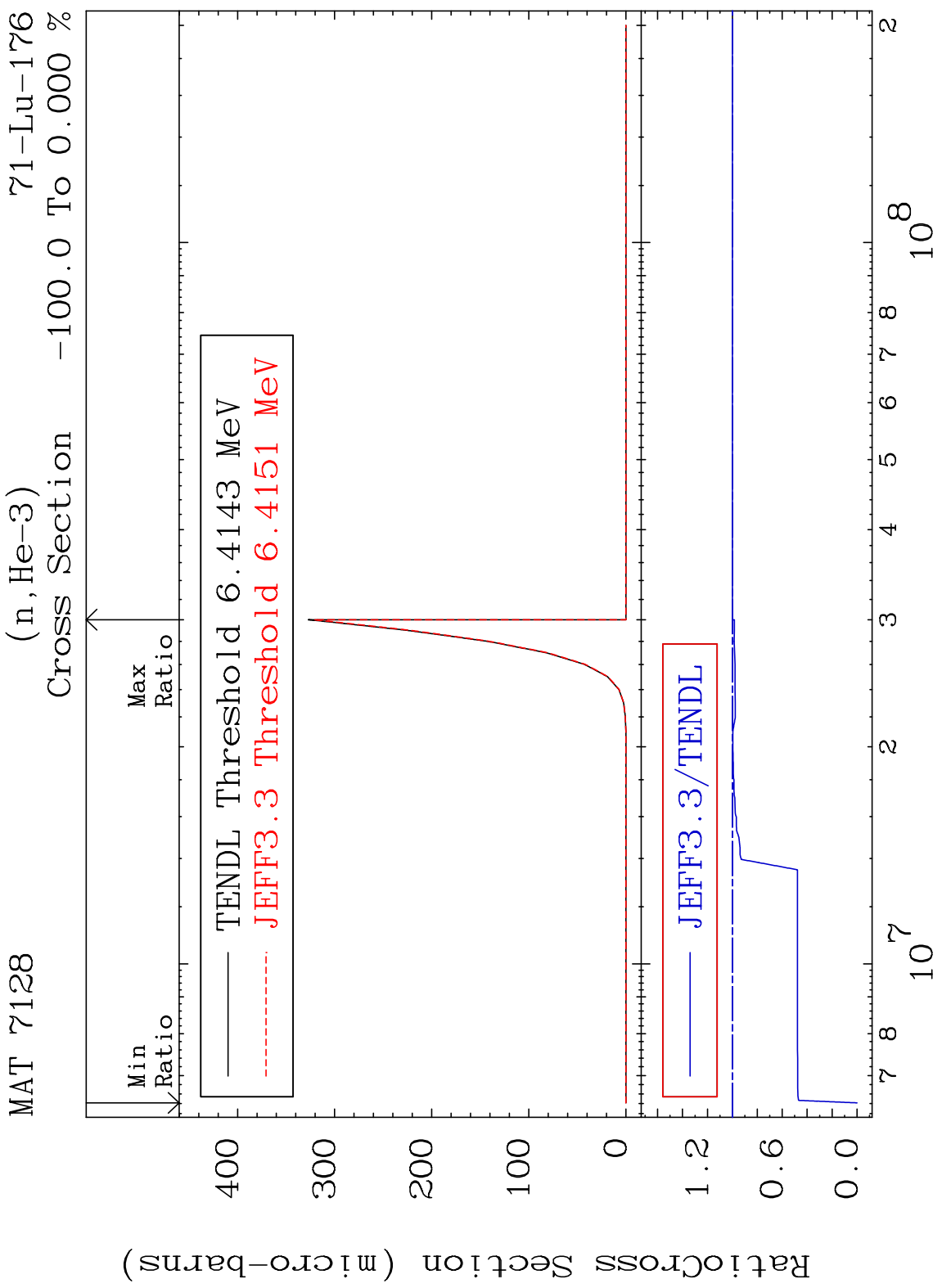
42

Incident Energy (eV)

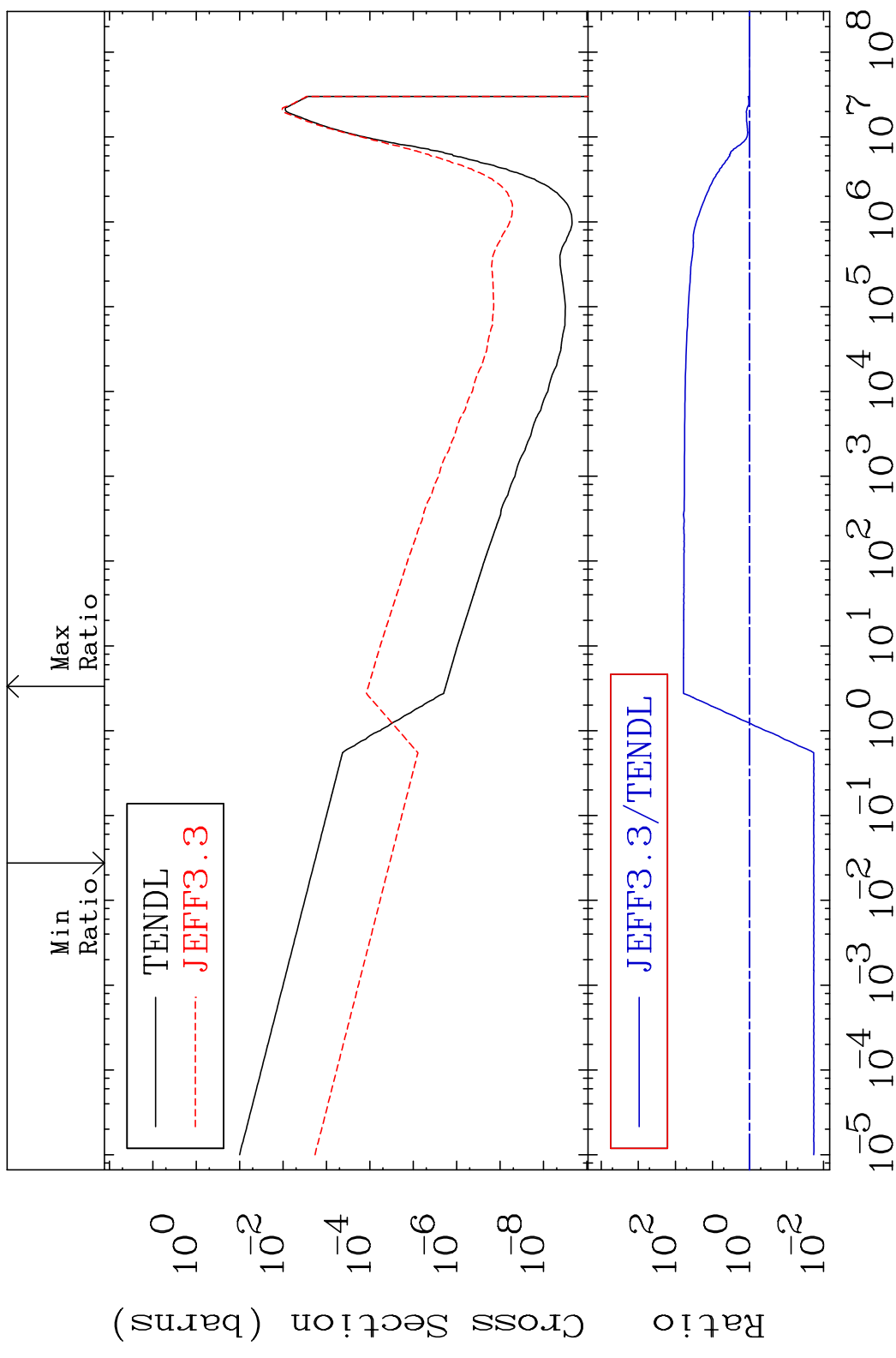
71-Lu-176







MAT 7128 (n,  $\alpha$ ) 71-Lu-176  
 Cross Section -98.17 To 5955. %

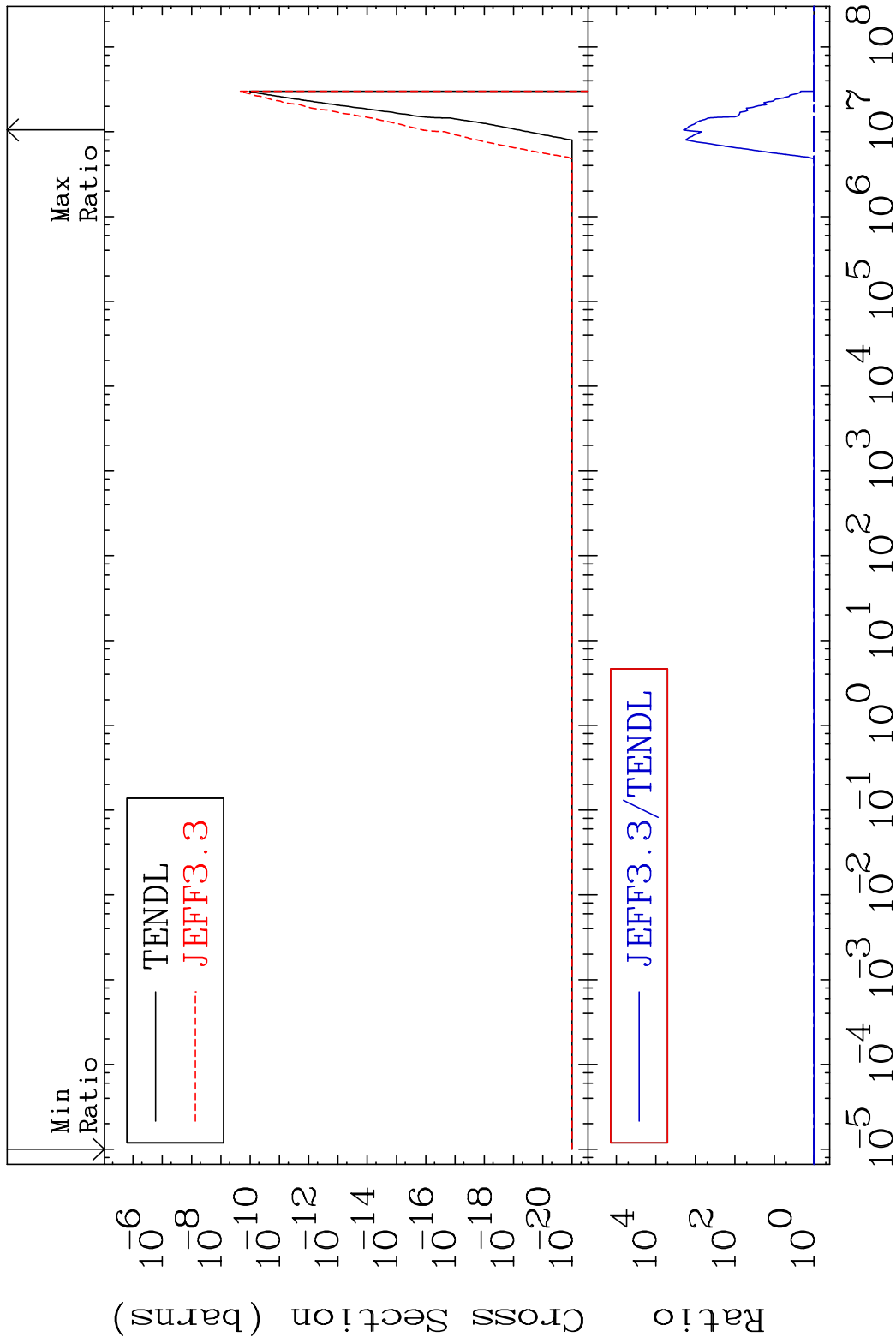


MAT 7128

(n,2α)

71-Lu-176

Cross Section 0.000 To 9999. %

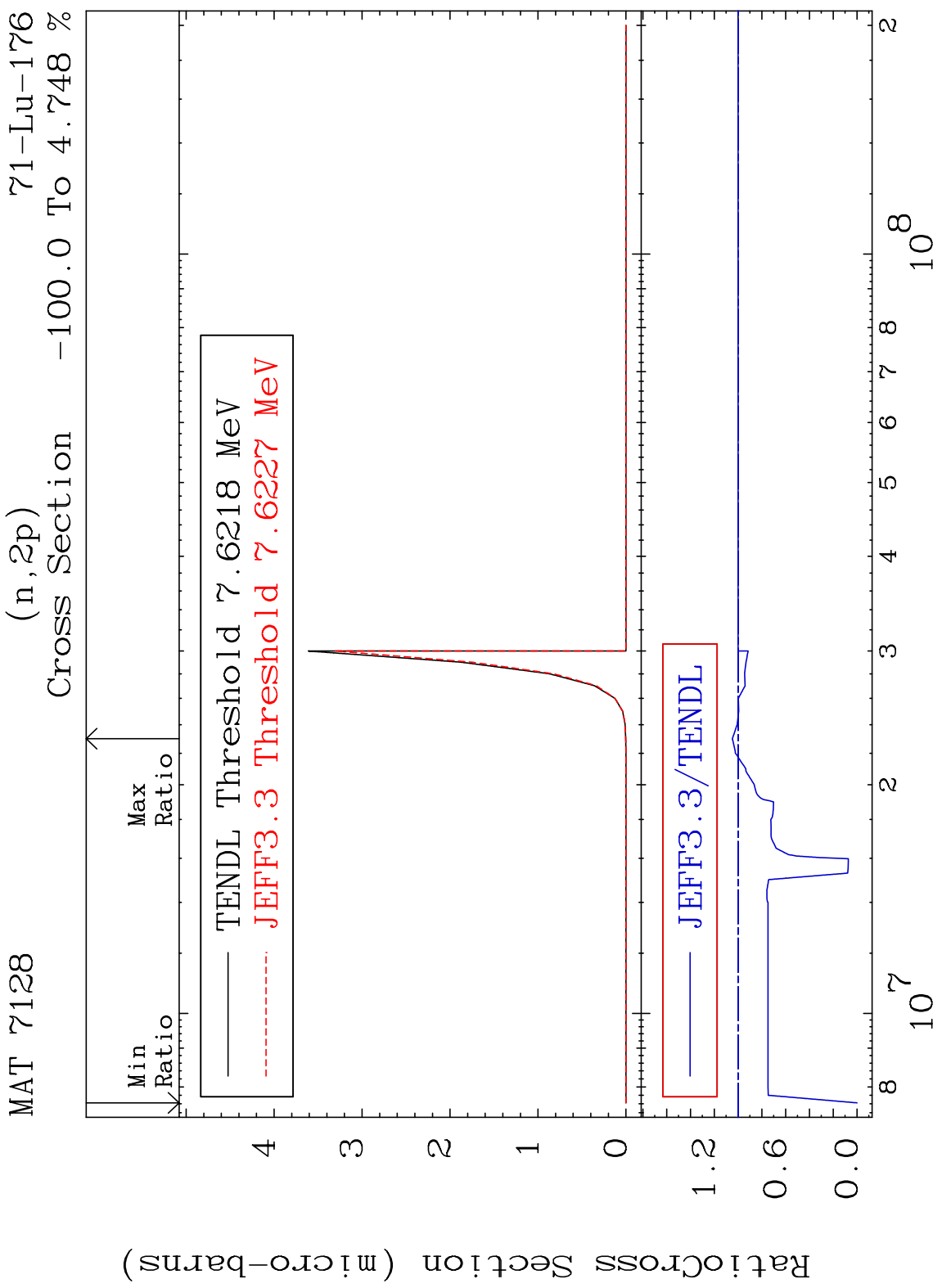


47

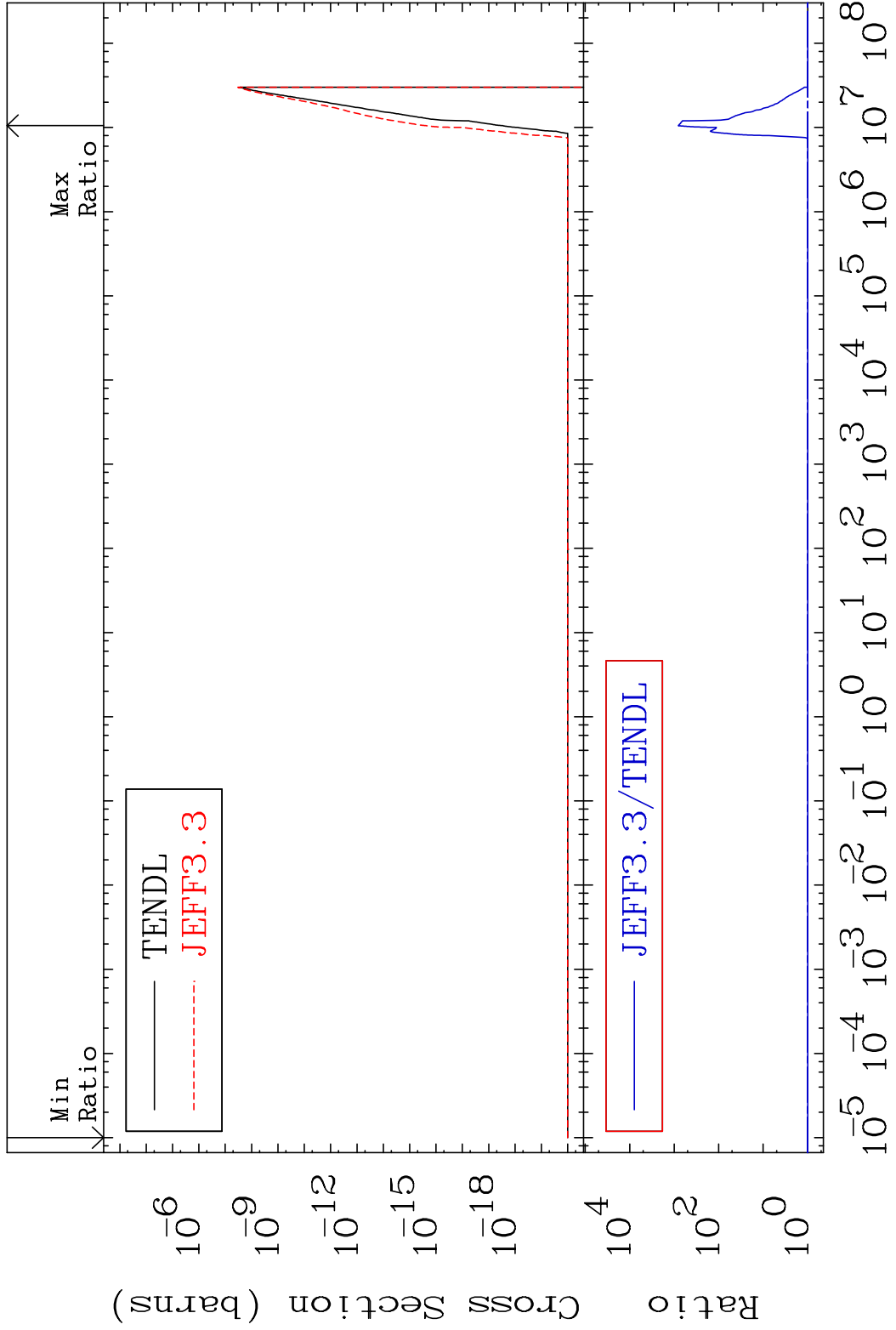
Incident Energy (eV)

71-Lu-176

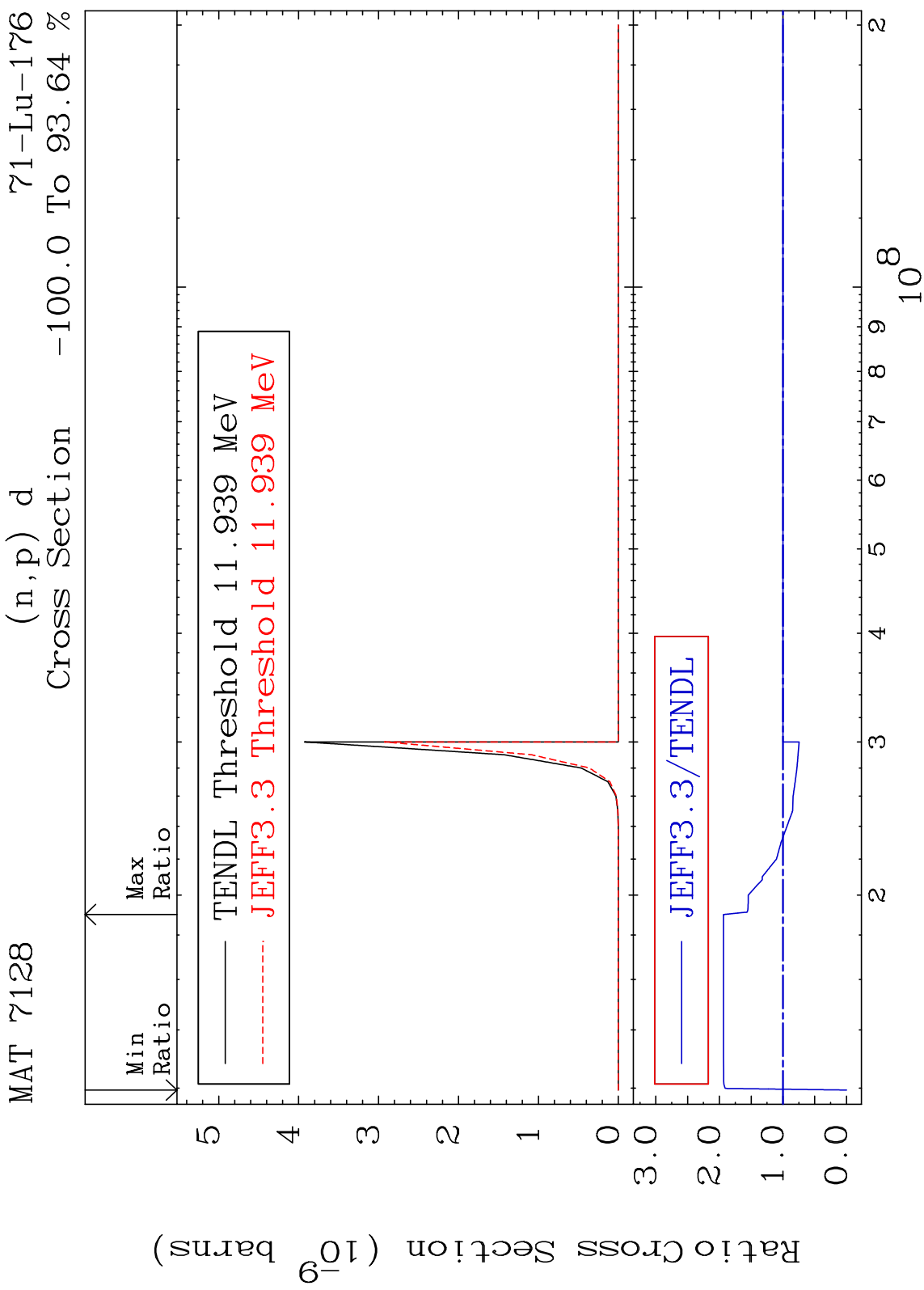


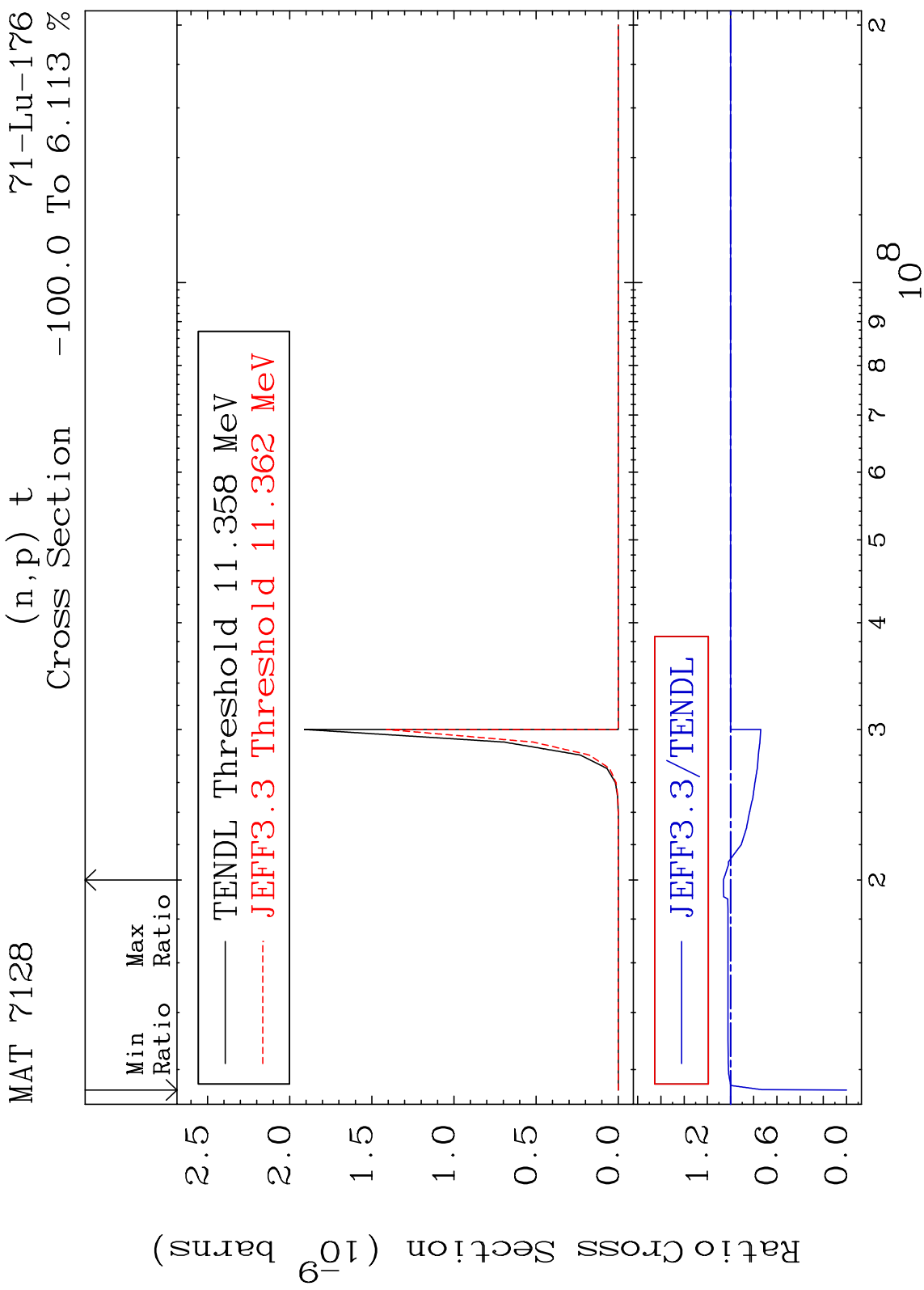


MAT 7128 (n,p)  $\alpha$  71-Lu-176  
Cross Section 0.000 To 9999. %



49 Incident Energy (eV) 71-Lu-176

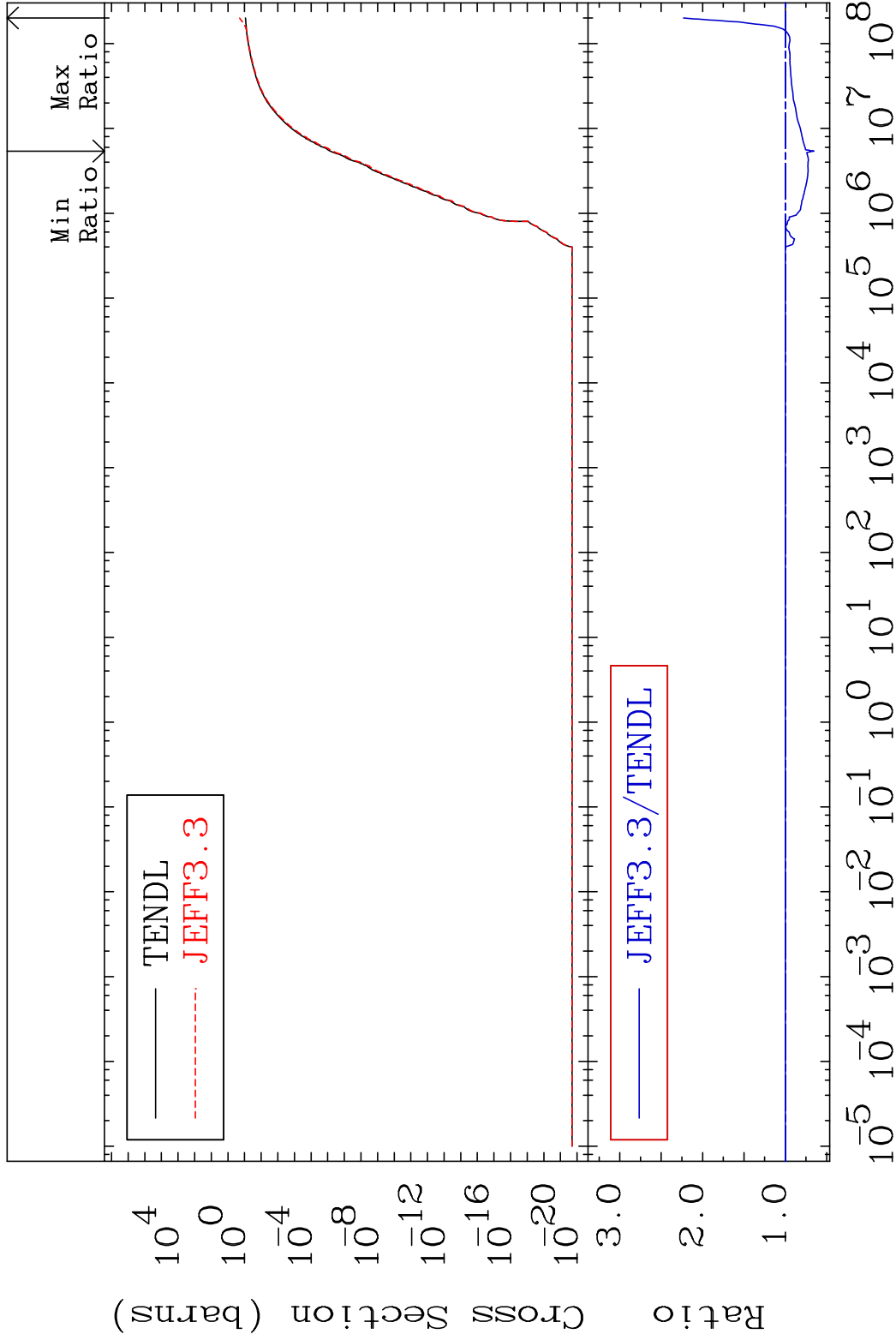




MAT 7128

Hydrogen Production  
Cross Section -34.49 To 123.1 %

71-Lu-176

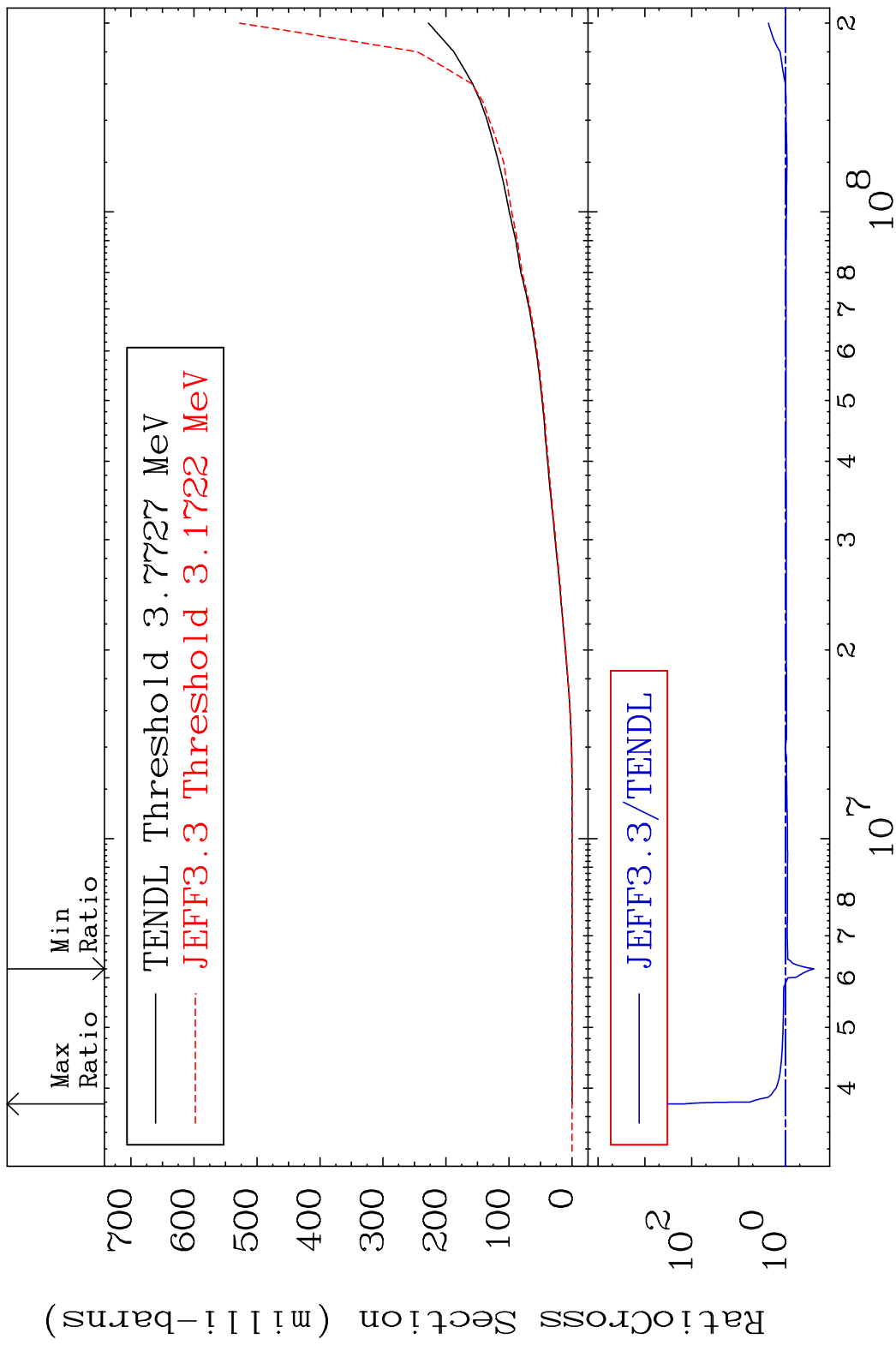


52

Incident Energy (eV)

71-Lu-176

MAT 7128 Deuterium Production 71-Lu-176  
 Cross Section -75.08 To 9999. %

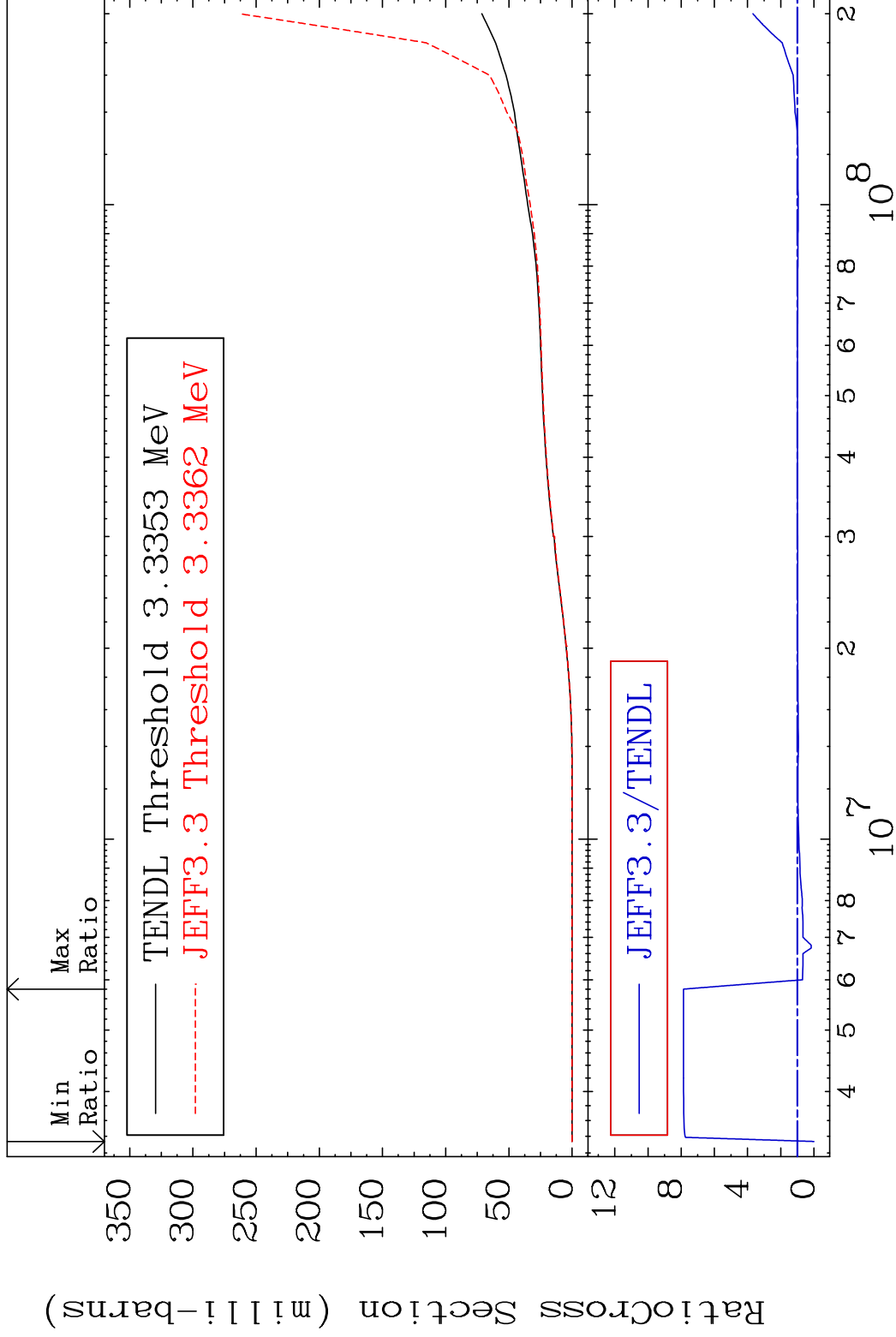


MAT 7128

Tritium Production

71-Lu-176

Cross Section -100.0 To 686.2 %



54

Incident Energy (eV)

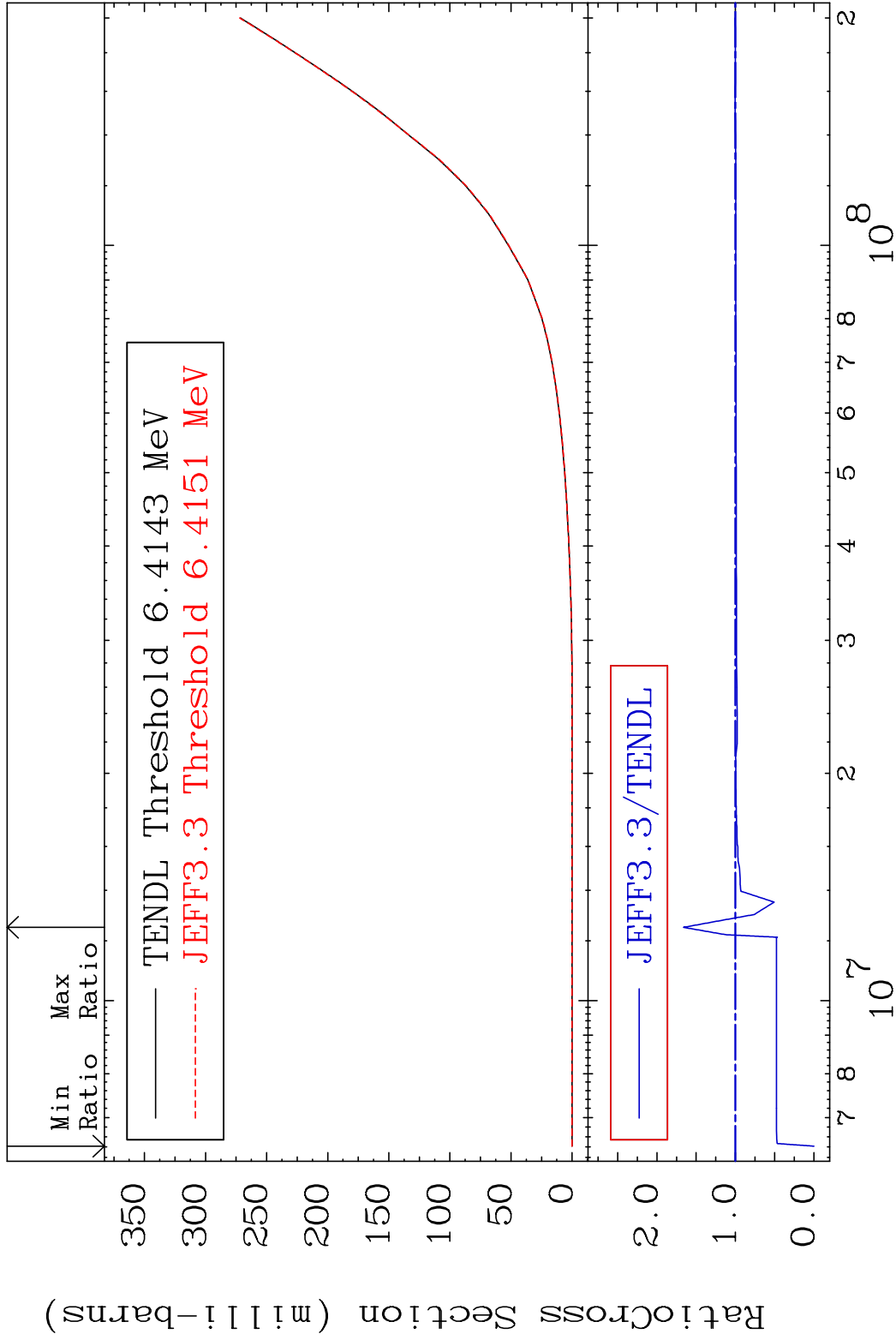
71-Lu-176

MAT 7128

He-3 Production

71-Lu-176

Cross Section -100.0 To 66.19 %



55

Incident Energy (eV)

71-Lu-176

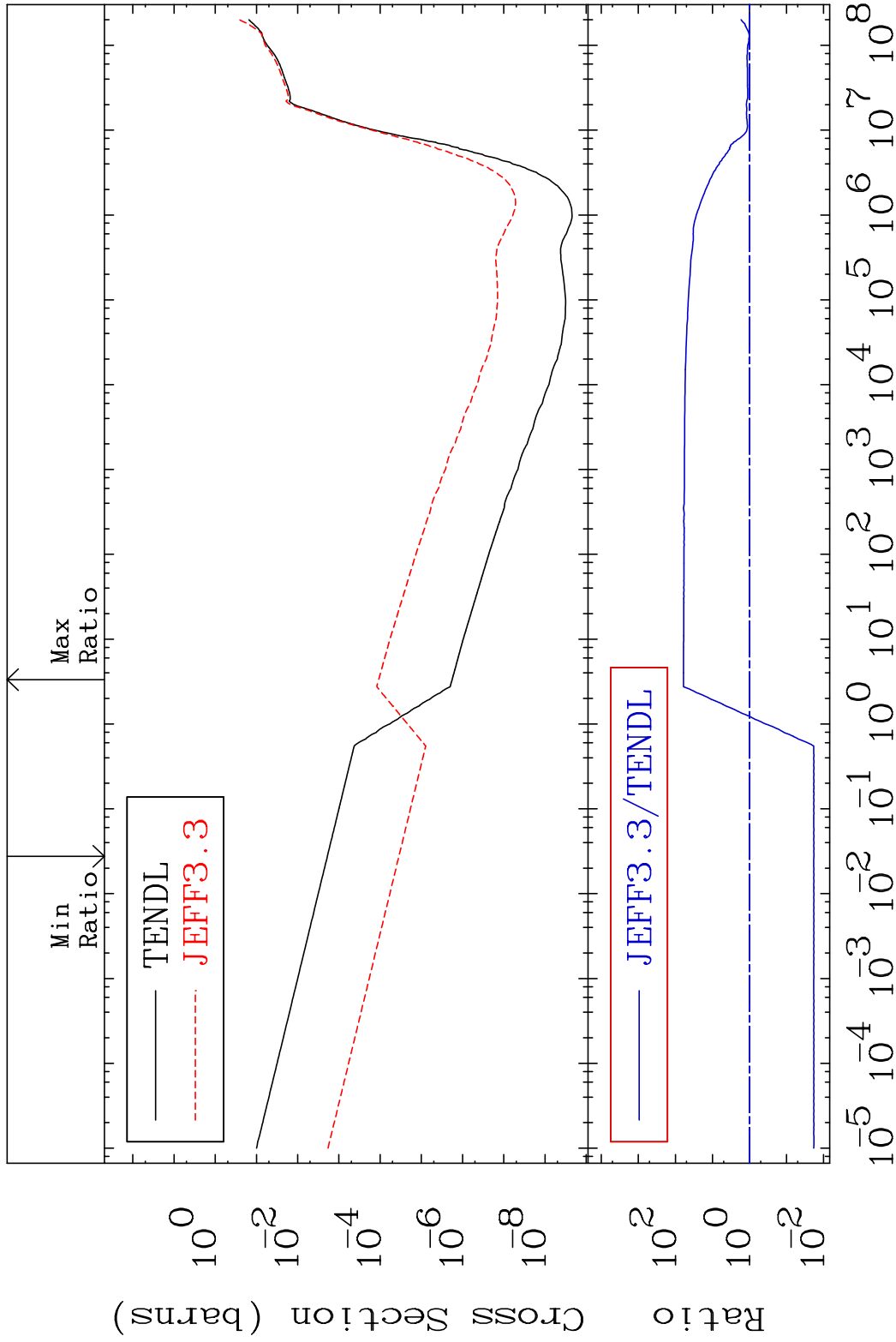


MAT 7128

He-4 Production

71-Lu-176

Cross Section -98.17 To 5955. %

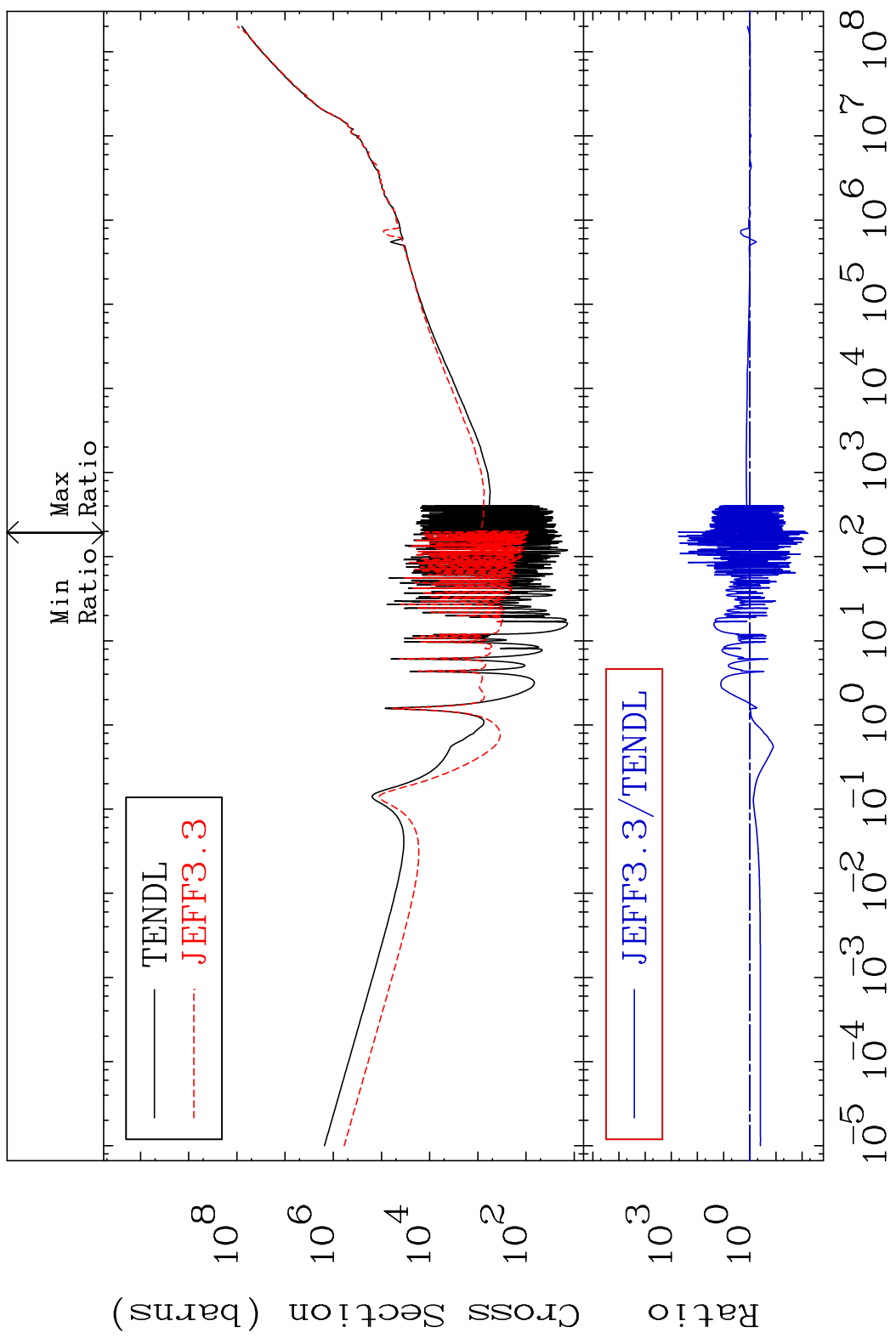


56

Incident Energy (eV)

71-Lu-176

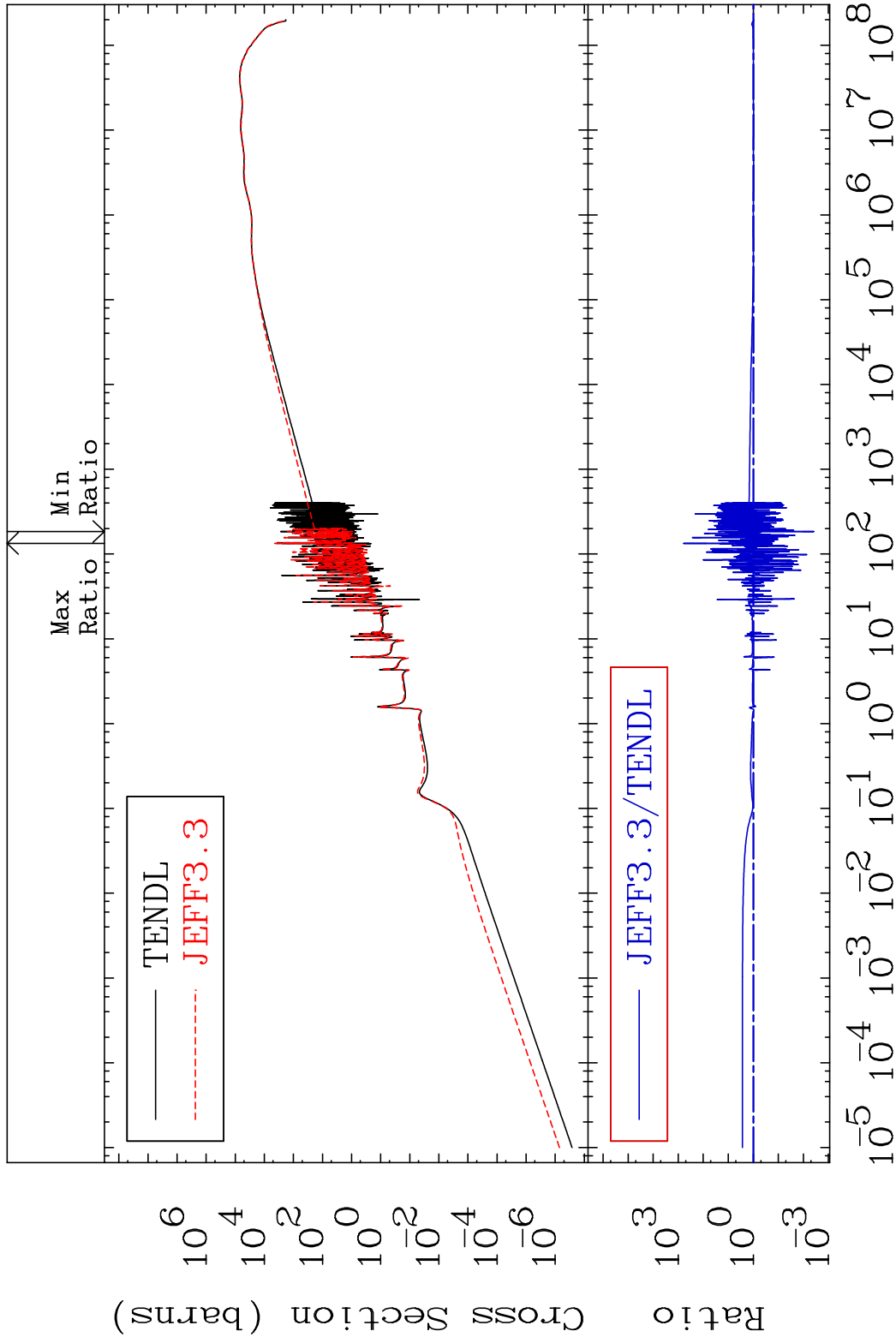
MAT 7128 Kerma total (eV-barns) 71-Lu-176  
 Cross Section -99.39 To 9999. %



MAT 7128

Kerma elastic  
Cross Section

71-Lu-176  
-99.62 To 9999. %

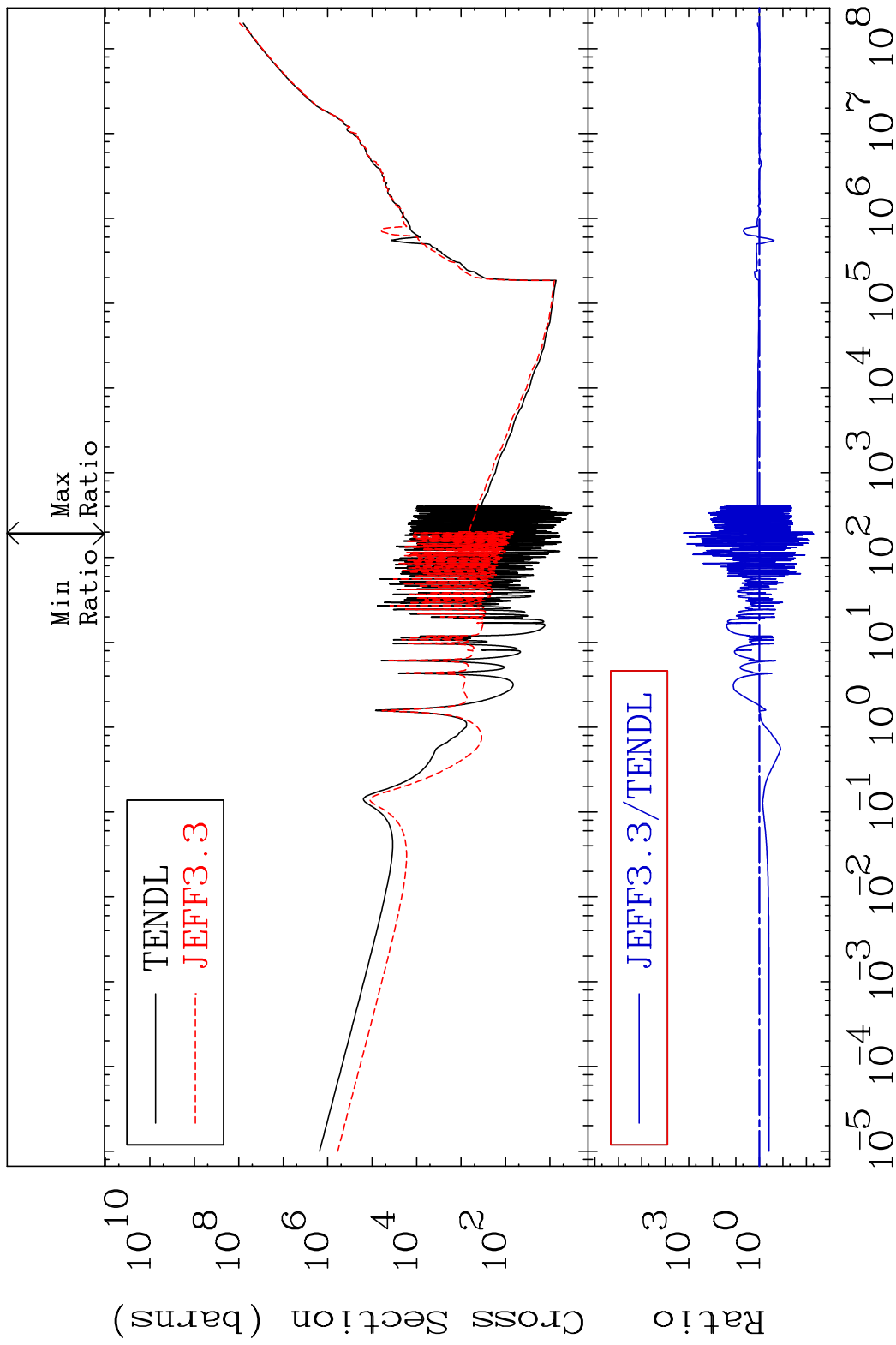


58

Incident Energy (eV)

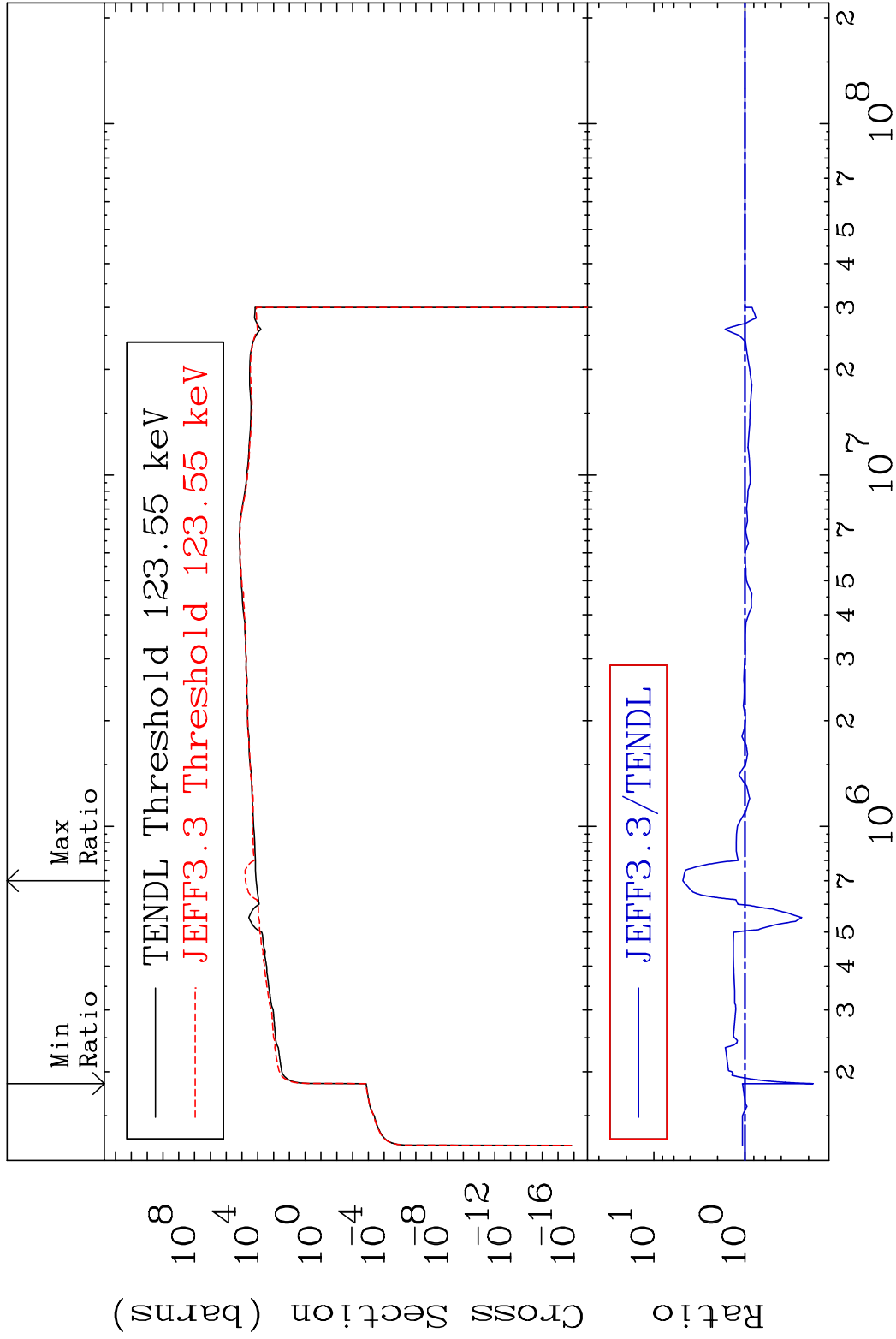
71-Lu-176

MAT 7128 Kerma non-elastic (all but mt2) 71-Lu-176  
 Cross Section -99.52 To 9999. %



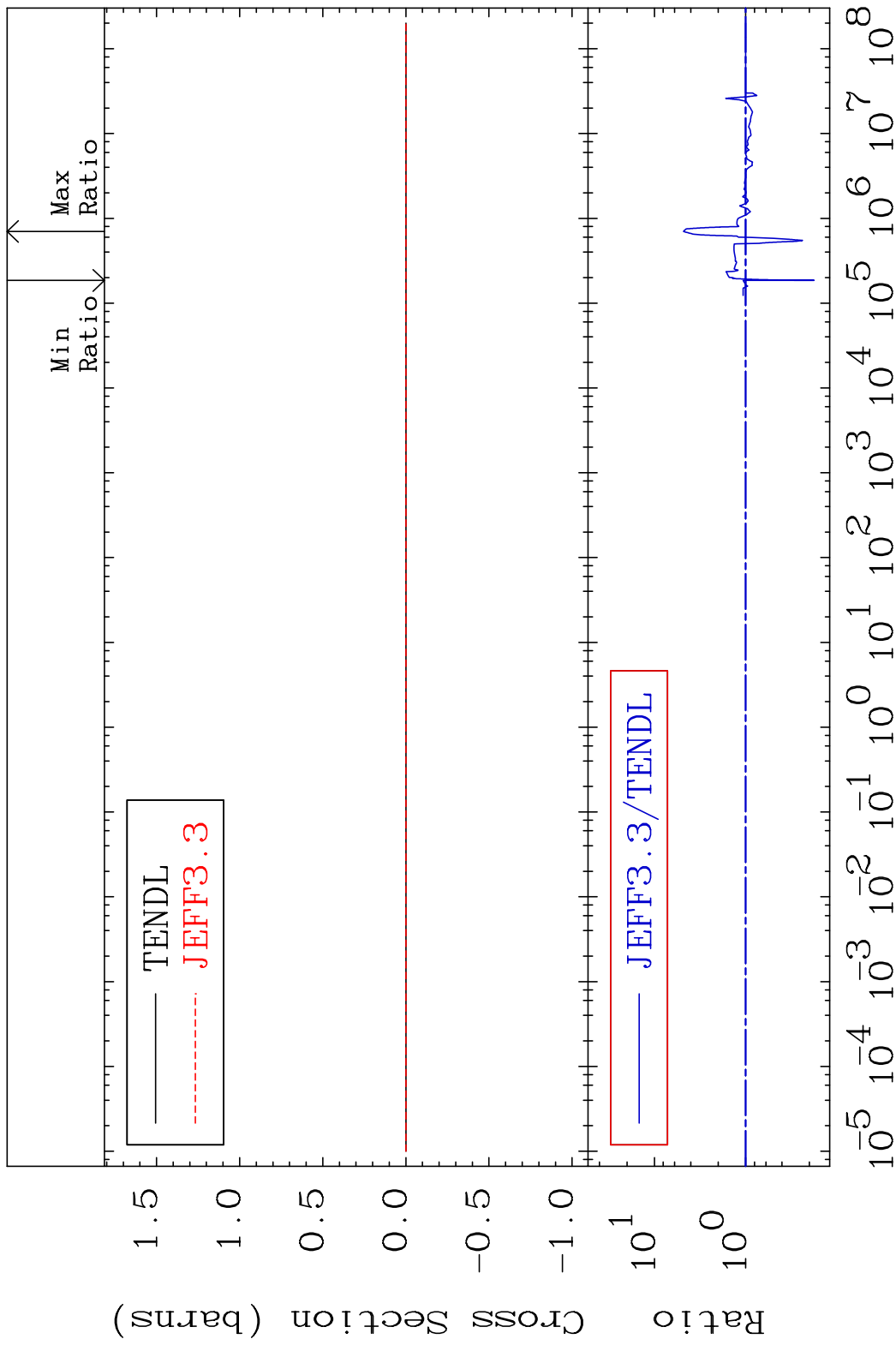
59 Incident Energy (eV) 71-Lu-176

MAT 7128 Kerma inelastic (mt51-91) 71-Lu-176  
 Cross Section -82.14 To 380.6 %



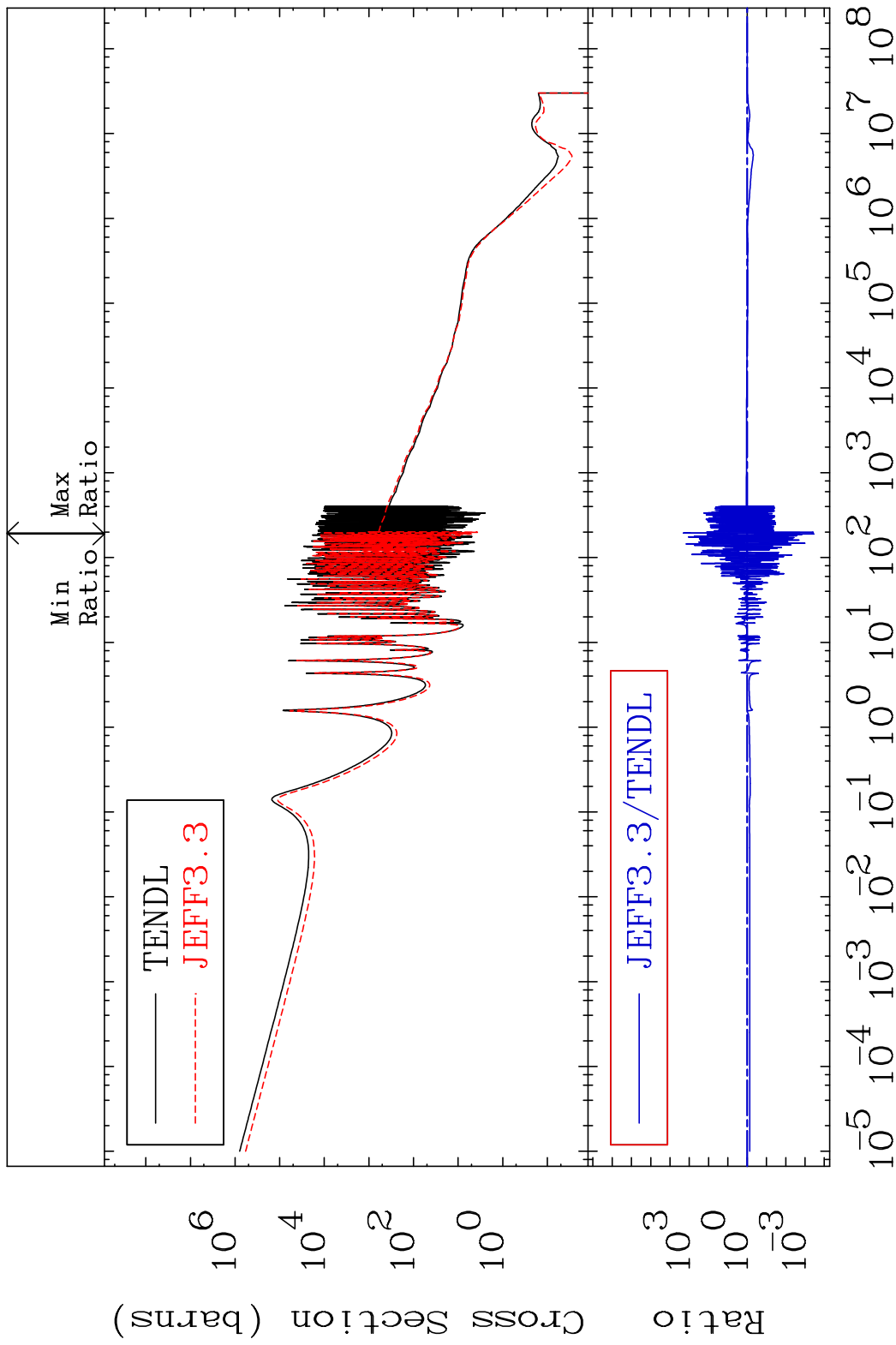
60 Incident Energy (eV) 71-Lu-176

MAT 7128 Kerma fission (mt18 or mt19-20-21-38) 71-Lu-176  
 Cross Section -82.14 To 380.6 %



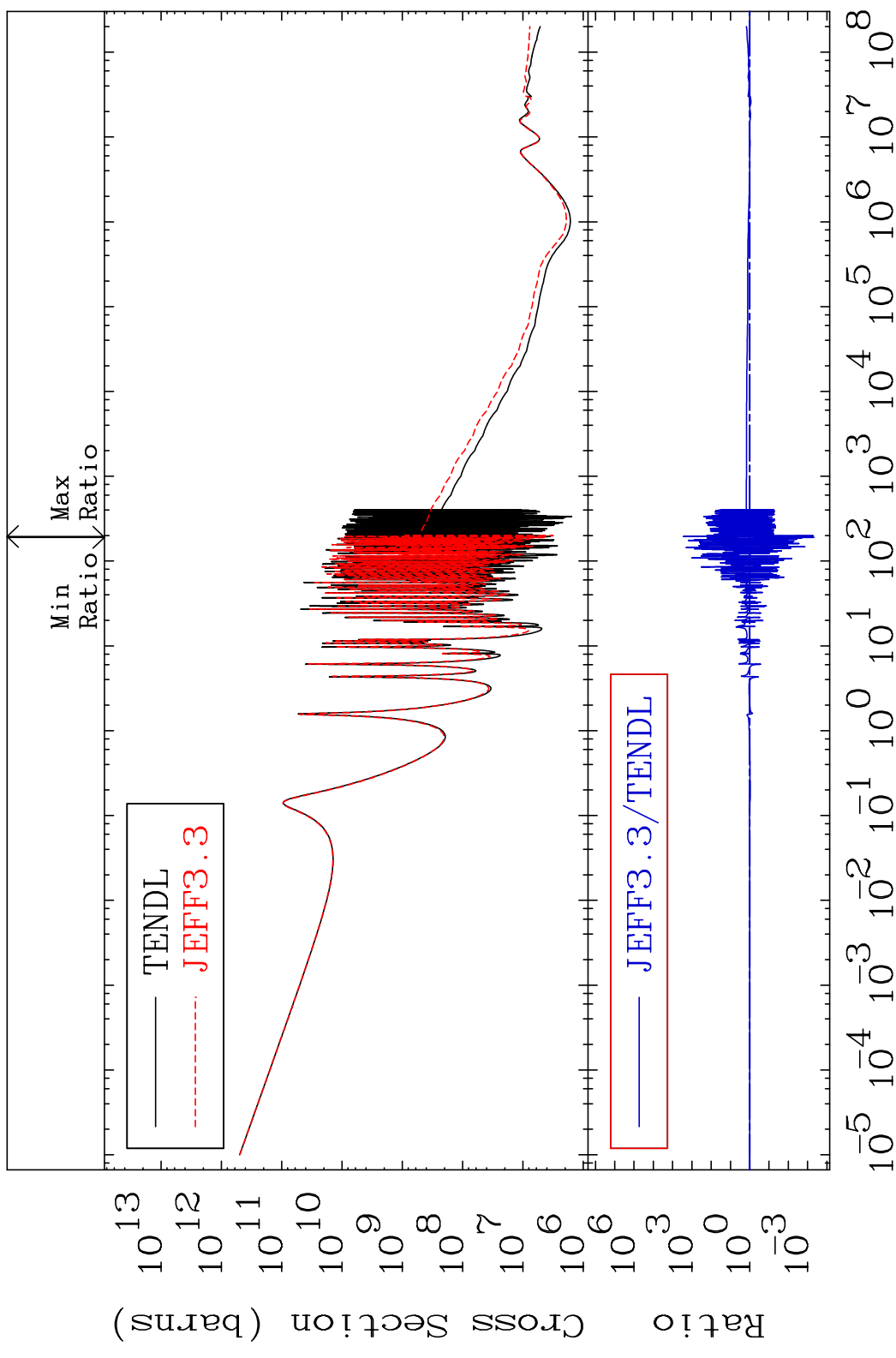
61 Incident Energy (eV) 71-Lu-176

MAT 7128 Kerma capture (mt102) 71-Lu-176  
 Cross Section -99.97 To 9999. %



62 Incident Energy (eV) 71-Lu-176

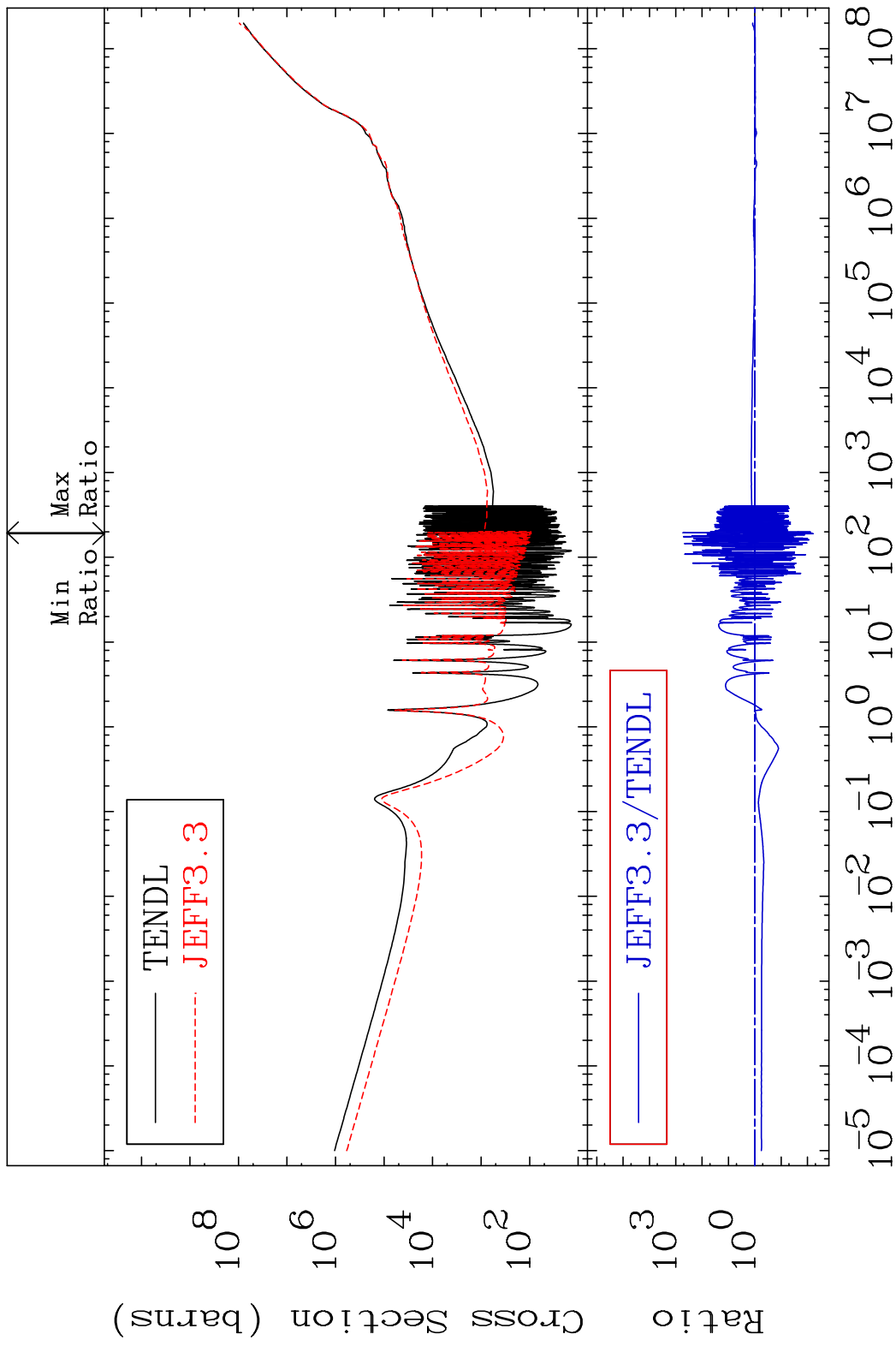
MAT 7128 Total photon (eV-barns) 71-Lu-176  
 Cross Section -99.95 To 9999. %



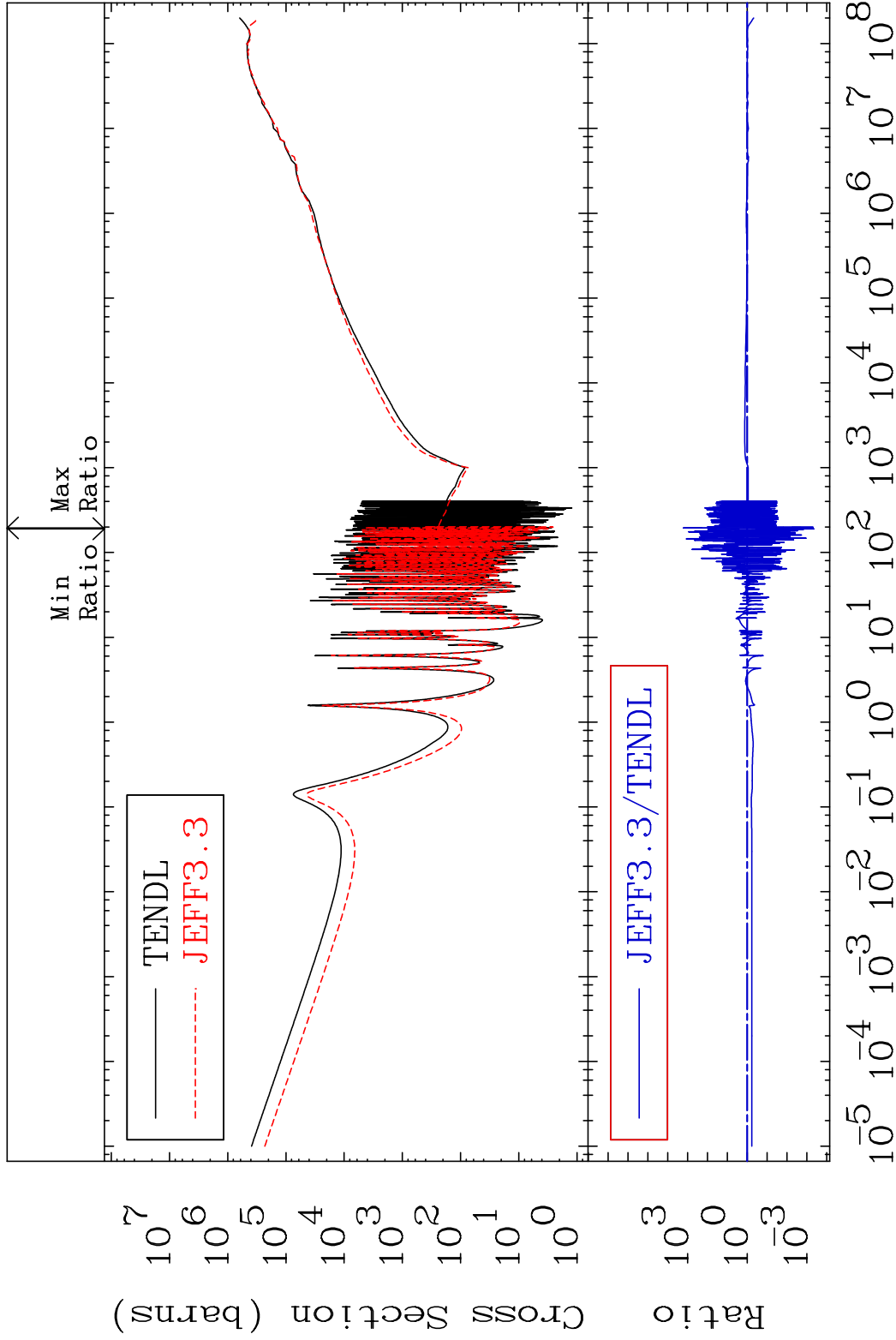
63 Incident Energy (eV) 71-Lu-176



MAT 7128 Total kinematic kerma (high limit) 71-Lu-176  
 Cross Section -99.39 To 9999. %

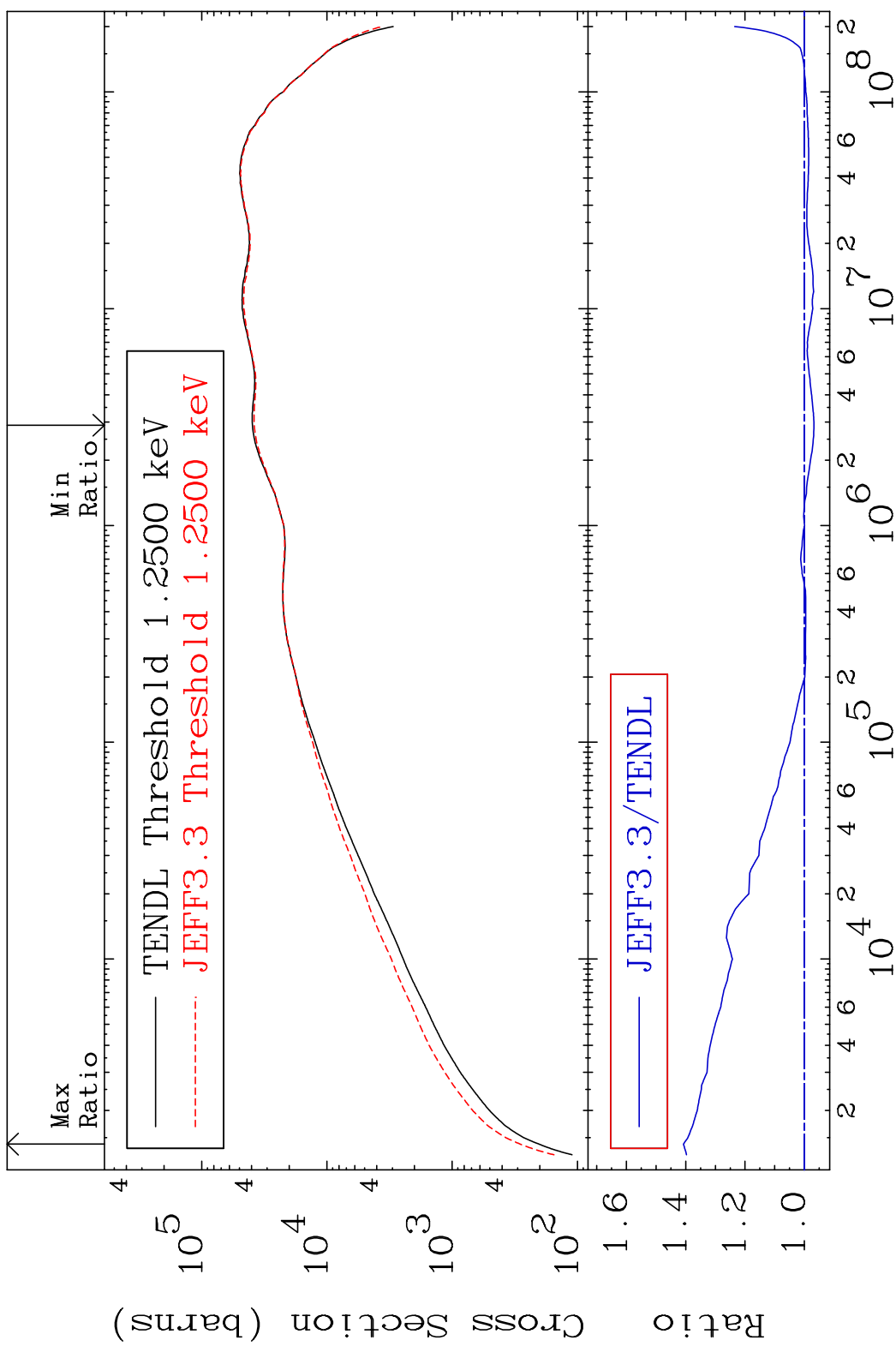


MAT 7128      Dpa total (eV-barns)      71-Lu-176  
 Cross Section      -99.96 To 9999. %

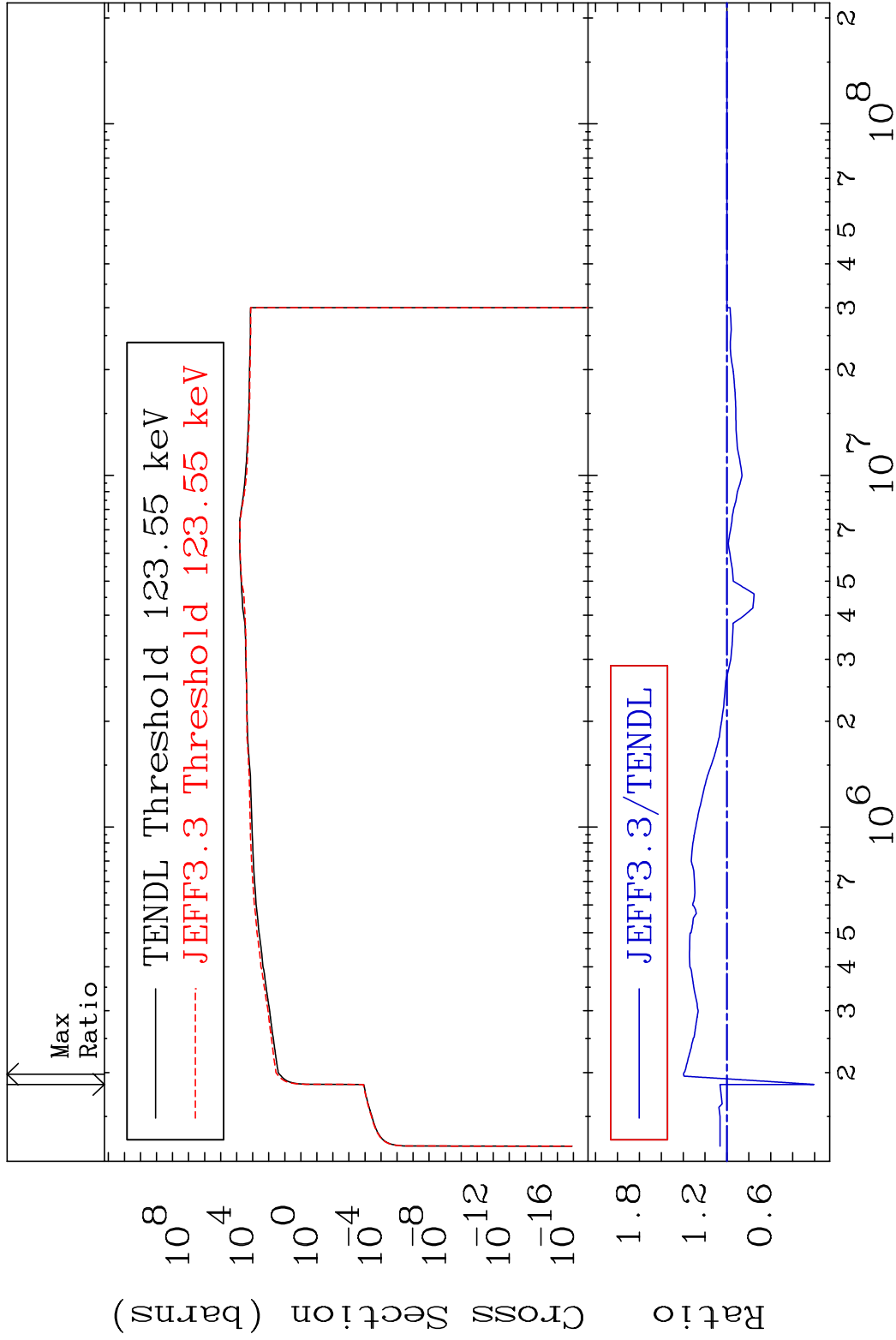


65      Incident Energy (eV)      71-Lu-176

MAT 7128 Dpa elastic (mt2) 71-Lu-176  
 Cross Section -3.199 To 40.76 %

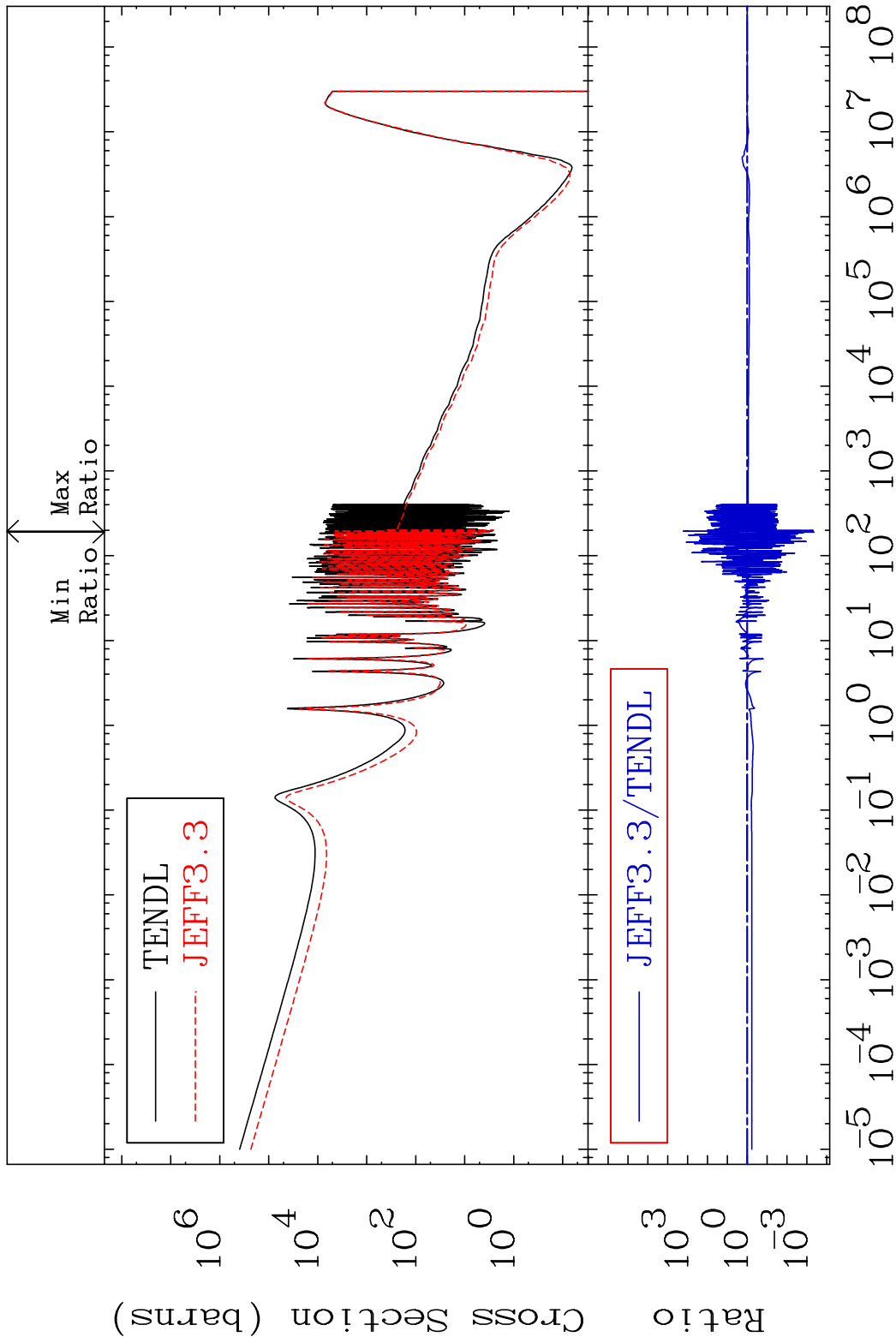


MAT 7128 Dpa inelastic (mt51-91) 71-Lu-176  
 Cross Section -79.43 To 39.75 %



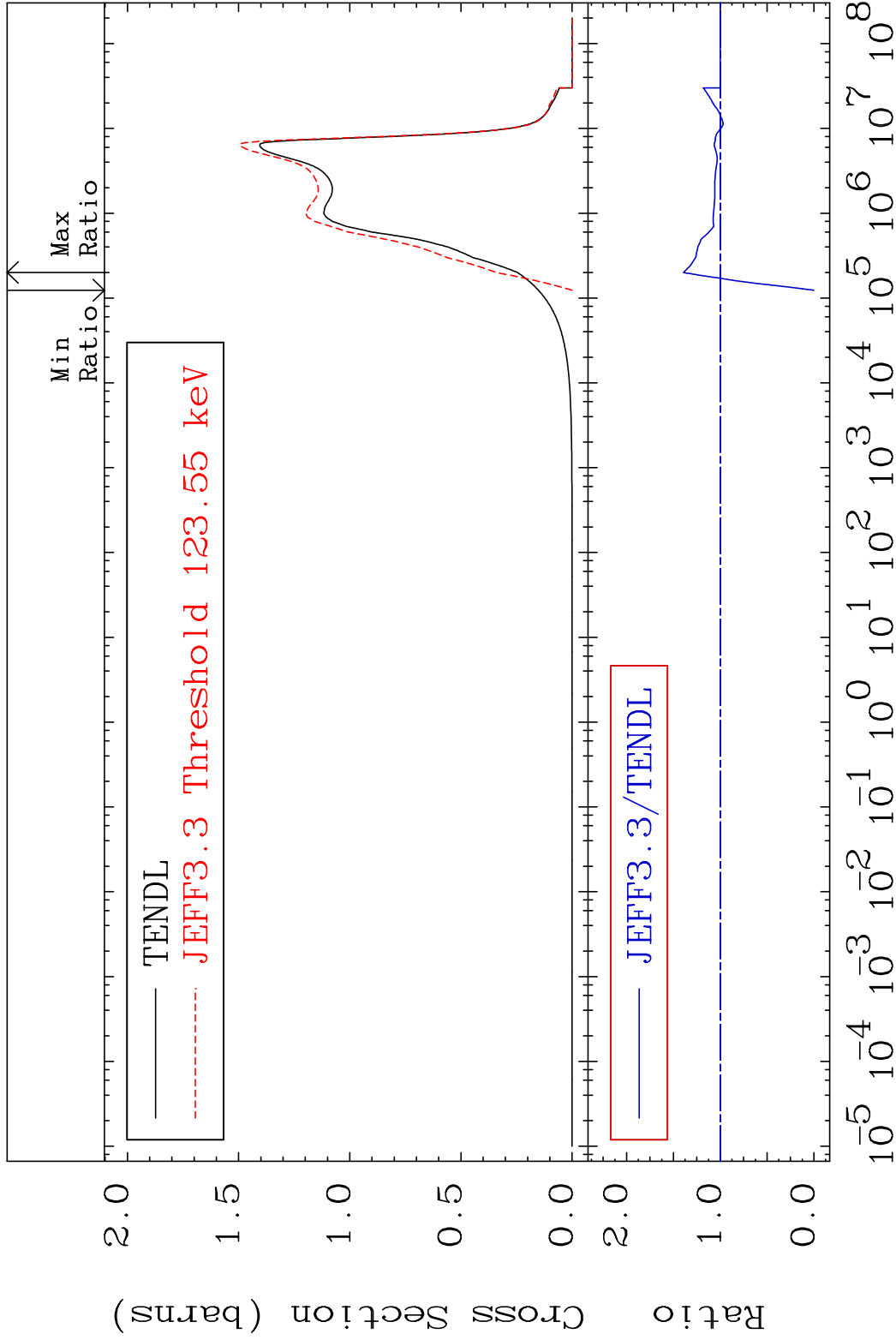
67 Incident Energy (eV) 71-Lu-176

MAT 7128 Dpa disappearance (mt102 -120) 71-Lu-176  
 Cross Section -99.96 To 9999. %



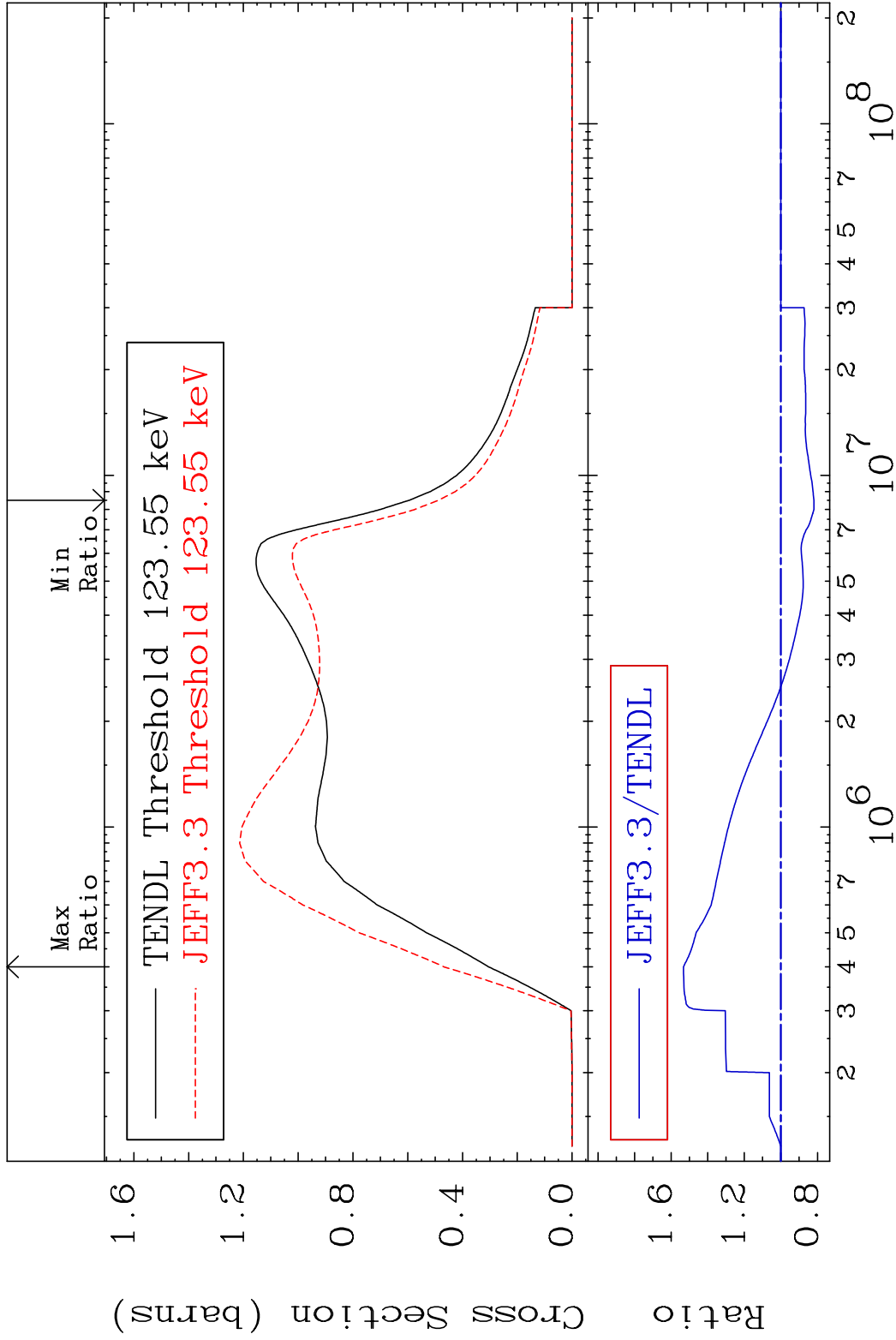
68 Incident Energy (eV) 71-Lu-176

MAT 7128 Inelastic:71-Lu-176g 71-Lu-176  
 Radionuclide Production Cross Section 1800.0 dth 39.25 %



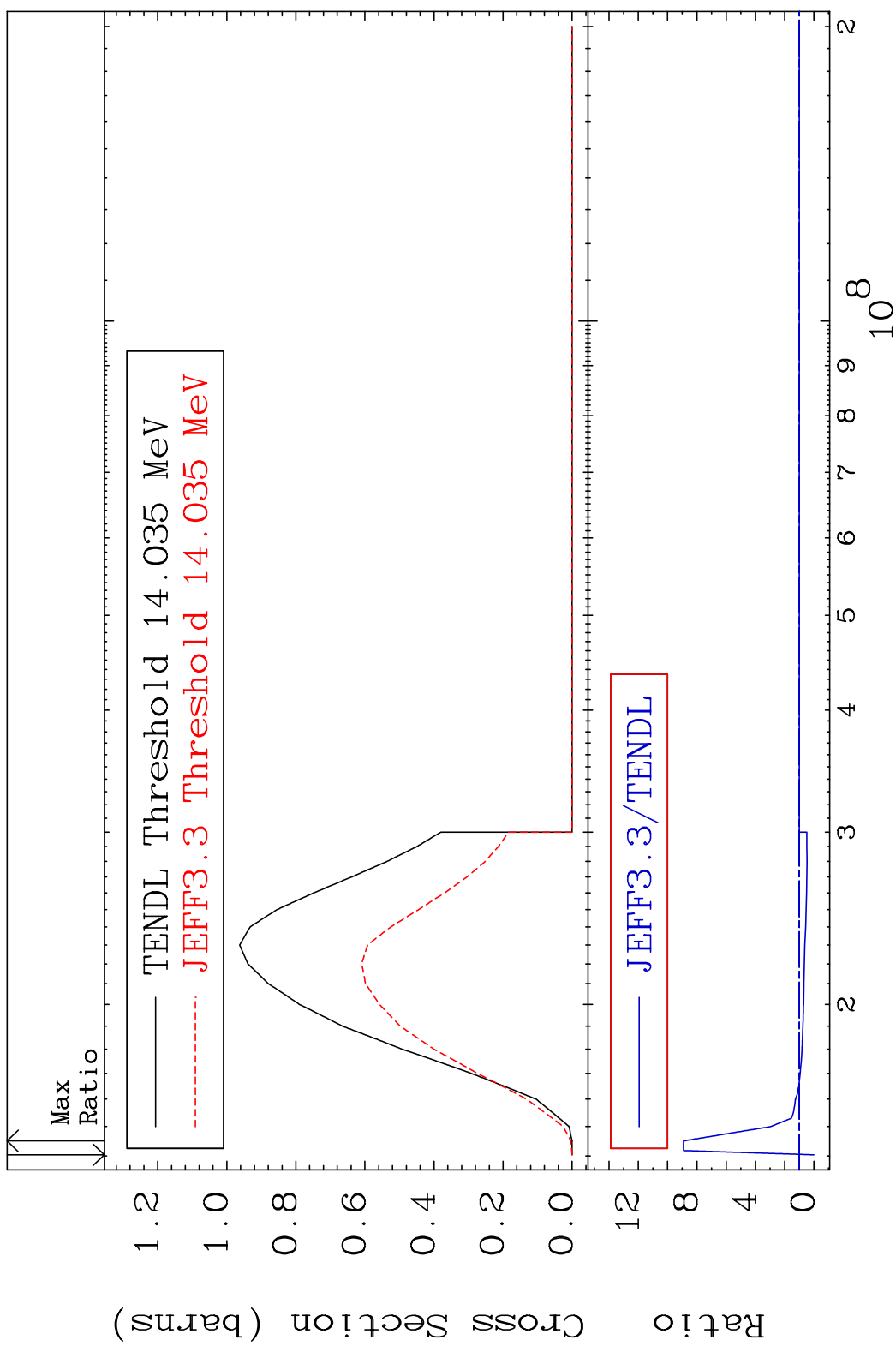
69 Incident Energy (eV) 71-Lu-176

MAT 7128 Inelastic: 71-Lu-176m1 71-Lu-176  
 Radionuclide Production Cross Section 53.29 %



70 71-Lu-176

MAT 7128 (n,3n): 71-Lu-174g 71-Lu-176  
 Radionuclide Production Cross Section 1800.0 dpo 791.6 %





MAT 7128 (n, 3n): 71-Lu-174m3 71-Lu-176  
 Radionuclide Production Cross Section 1800.0 d/d 753.2 %

