

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

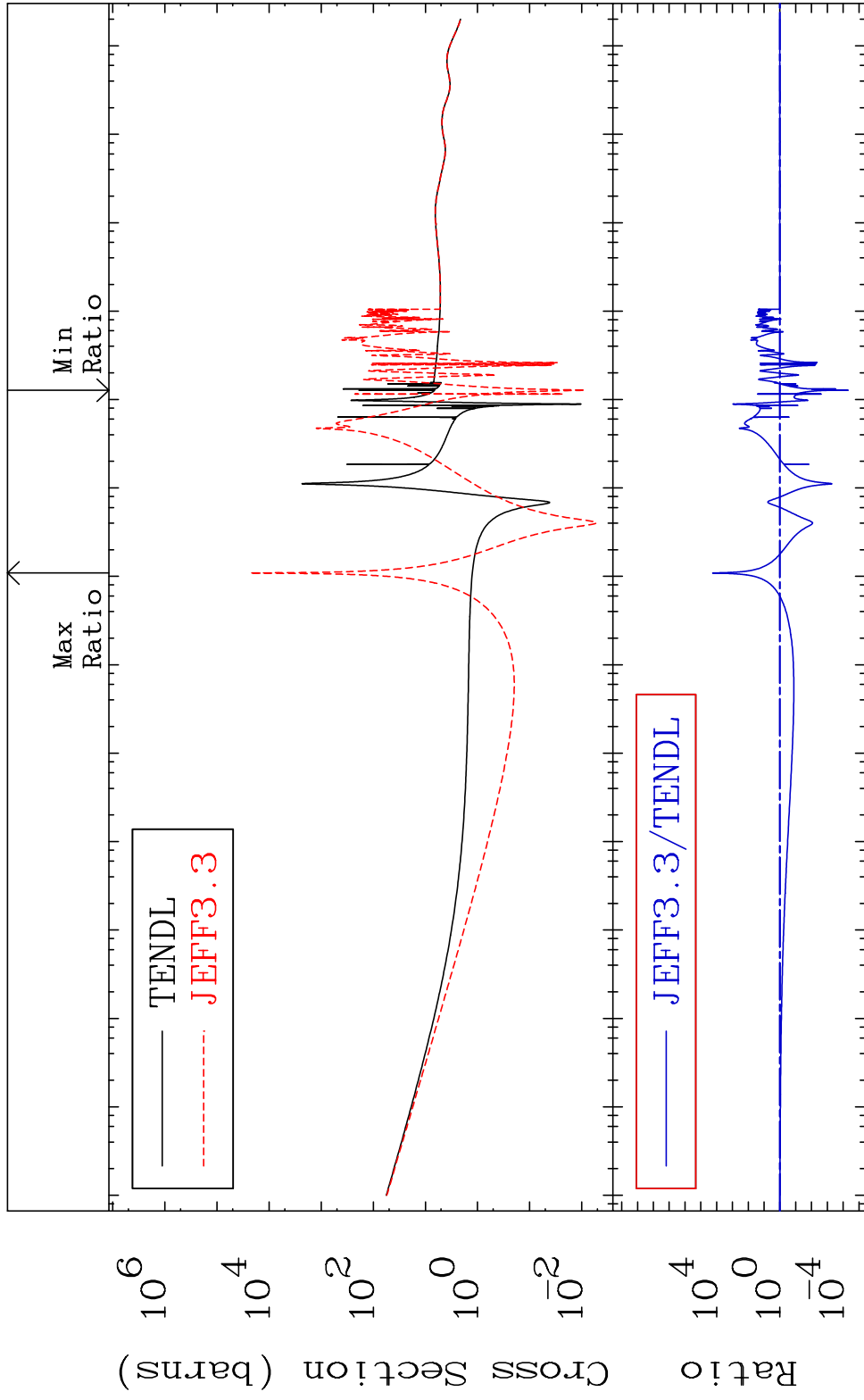
Press Mouse Button to Start

MAT 5261

Total

52-Te-132

Cross Section -100.0 To 9999. %



1

Incident Energy (eV)

52-Te-132

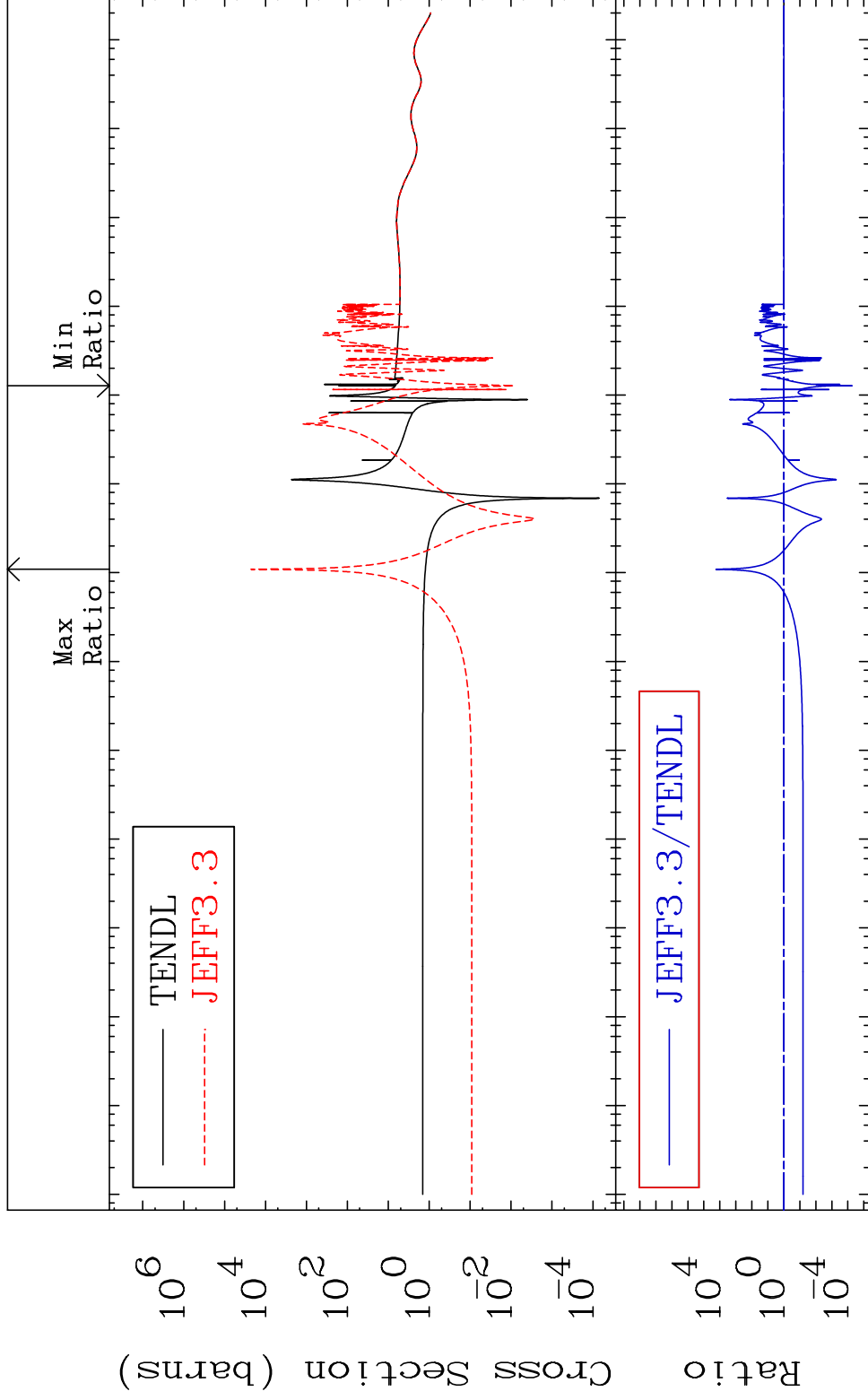
MAT 5261

Elastic

52-Te-132

Cross Section

-99.99 To 9999. %



2

Incident Energy (eV)

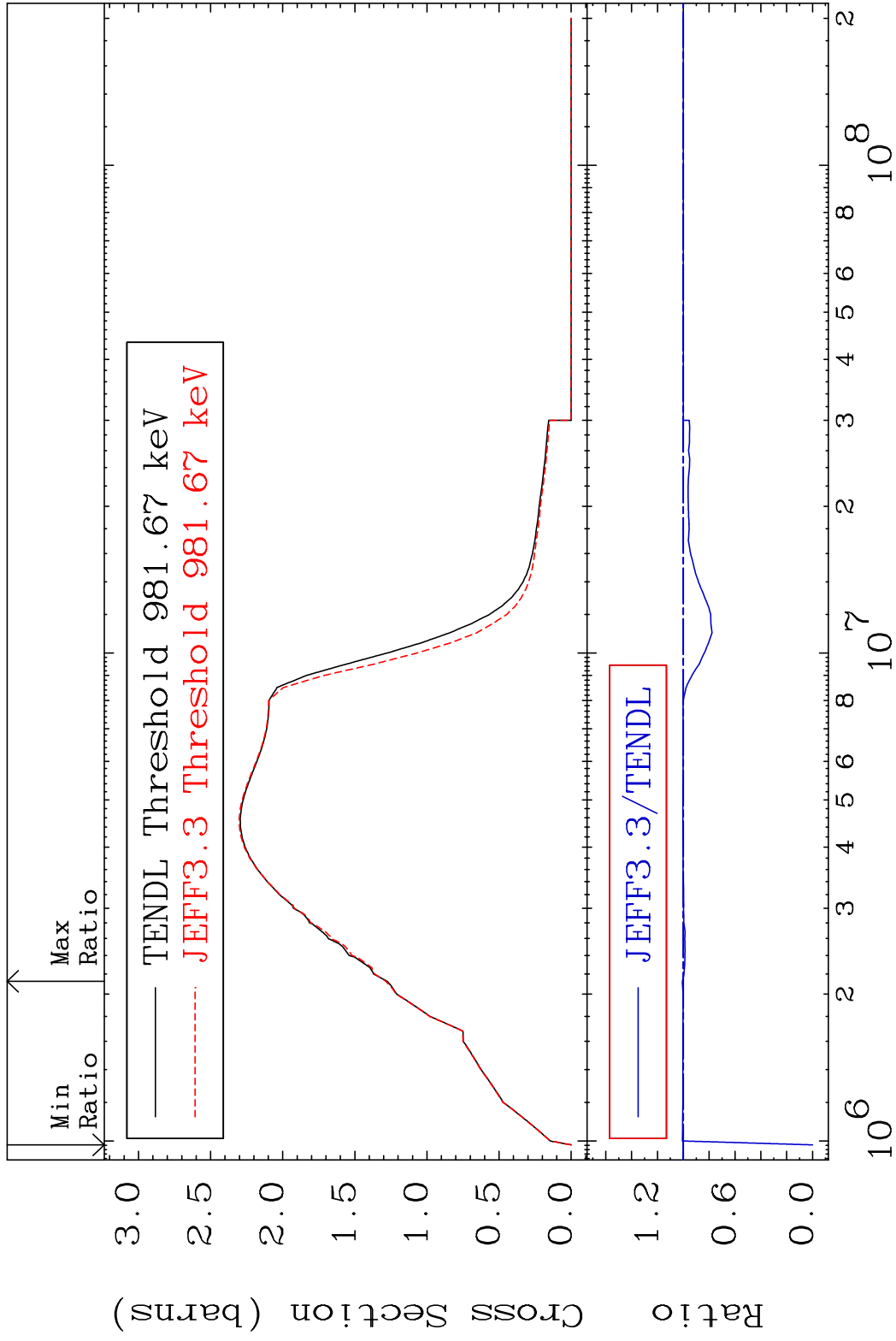
52-Te-132

MAT 5261

Inelastic

52-Te-132

Cross Section -100.0 To 0.736 %



3

Incident Energy (eV)

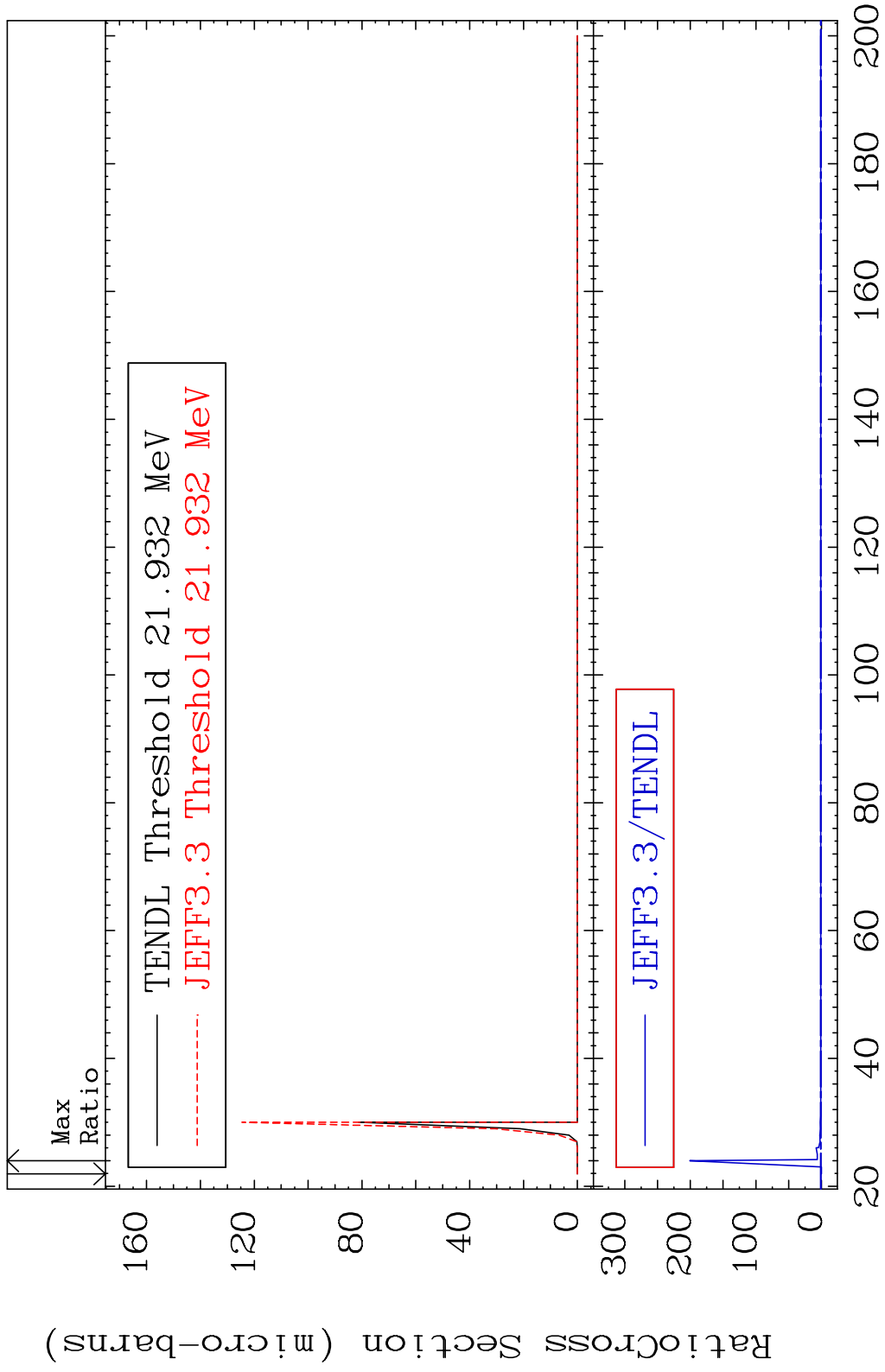
52-Te-132

MAT 5261

(n,2n) d

52-Te-132

Cross Section -100.0 To 9999. %



4

Incident Energy (MeV)

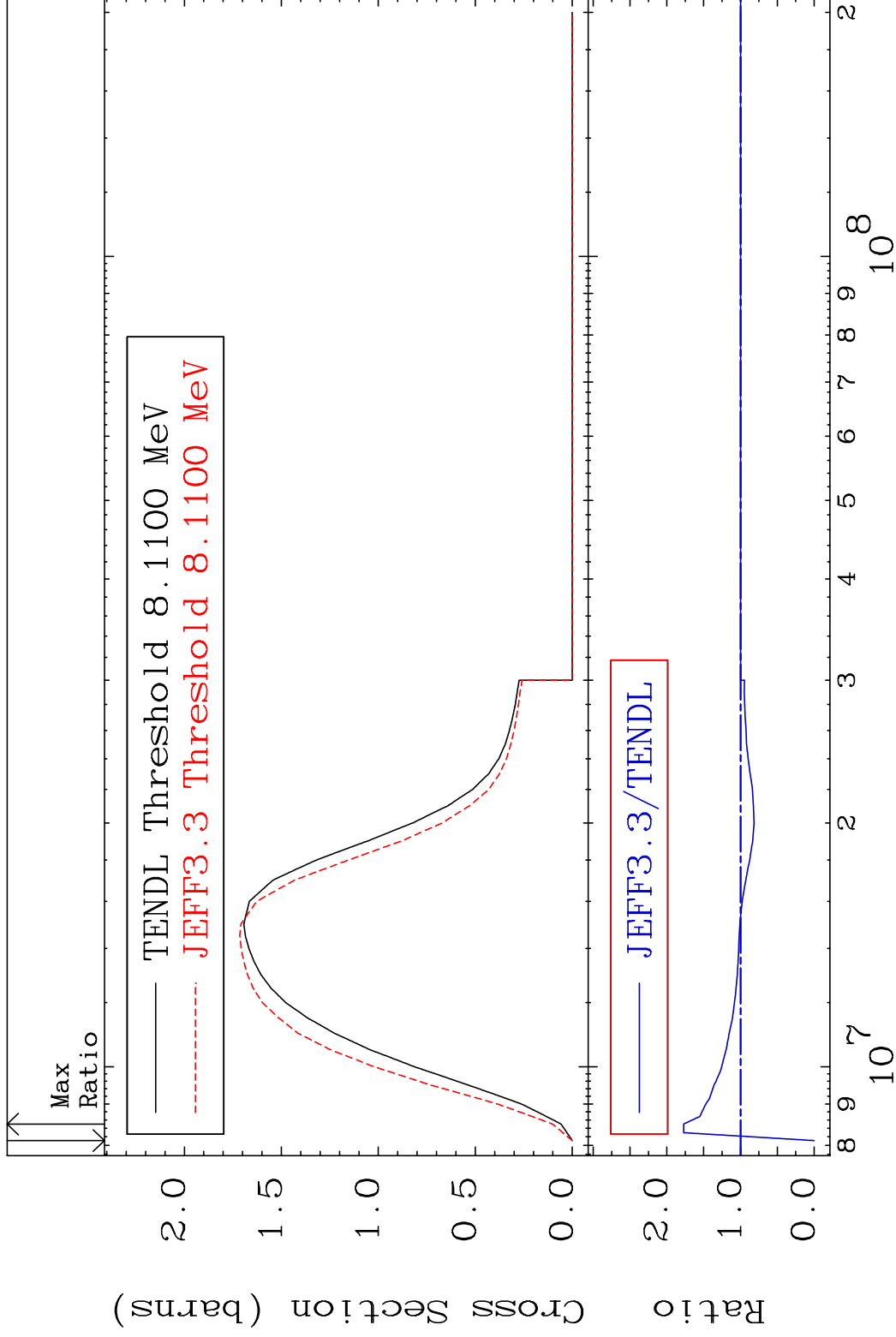
52-Te-132

MAT 5261

(n,2n)

52-Te-132

Cross Section -100.0 To 77.19 %



5

Incident Energy (eV)

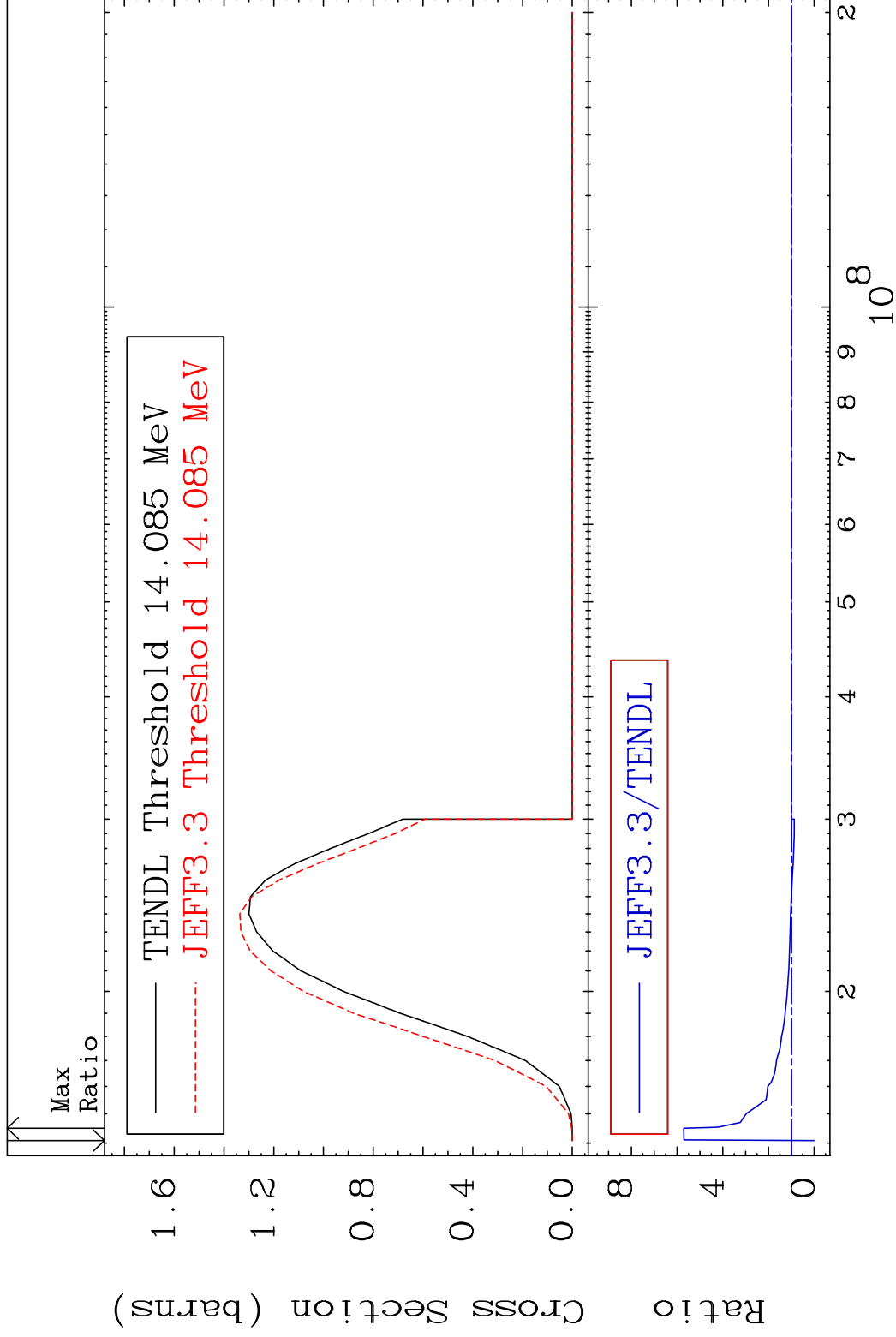
52-Te-132

MAT 5261

(n,3n)

52-Te-132

Cross Section -100.0 To 471.0 %



6

Incident Energy (eV)

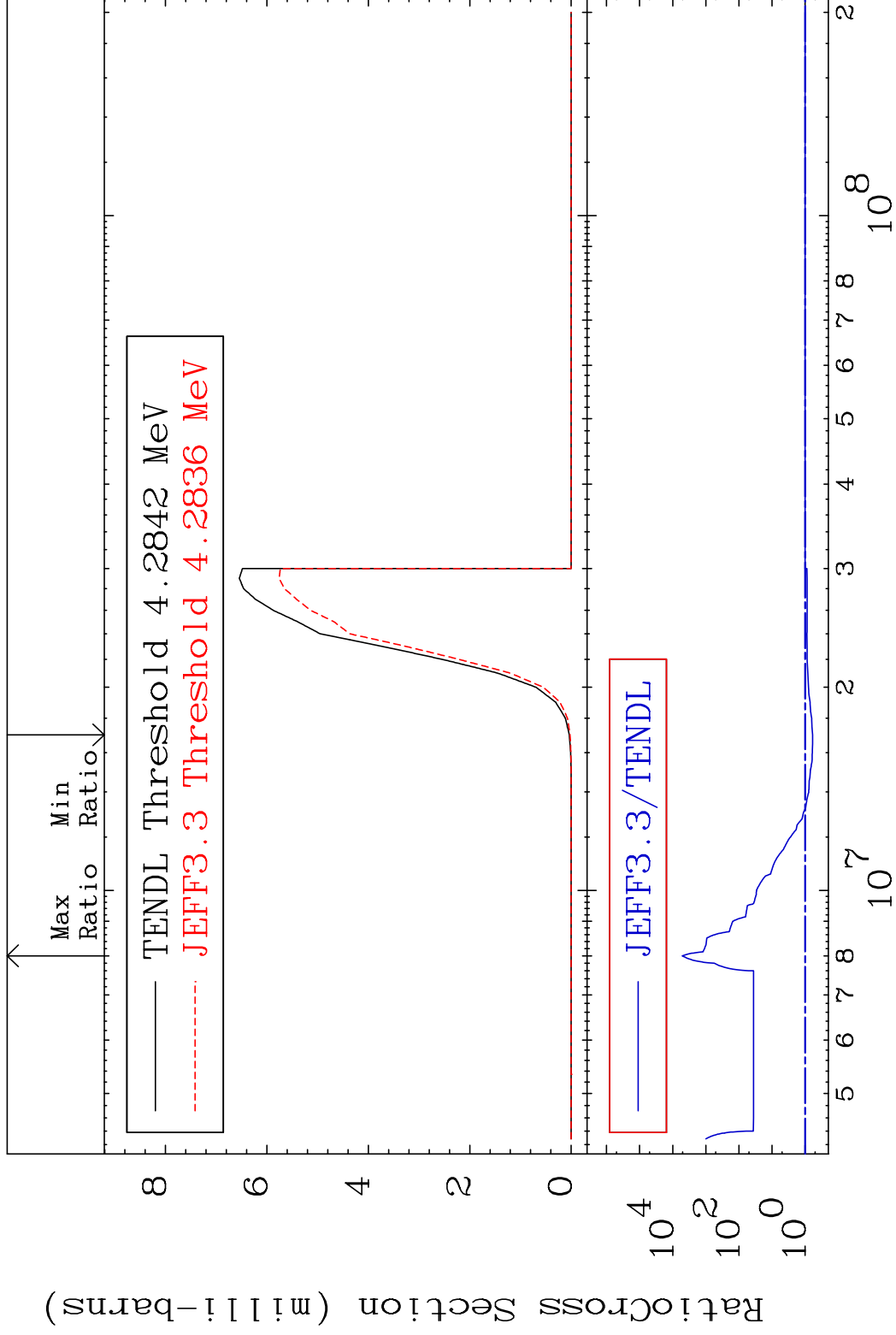
52-Te-132

MAT 5261

(n, n') α

52-Te-132

Cross Section -40.07 To 9999. %



7

Incident Energy (eV)

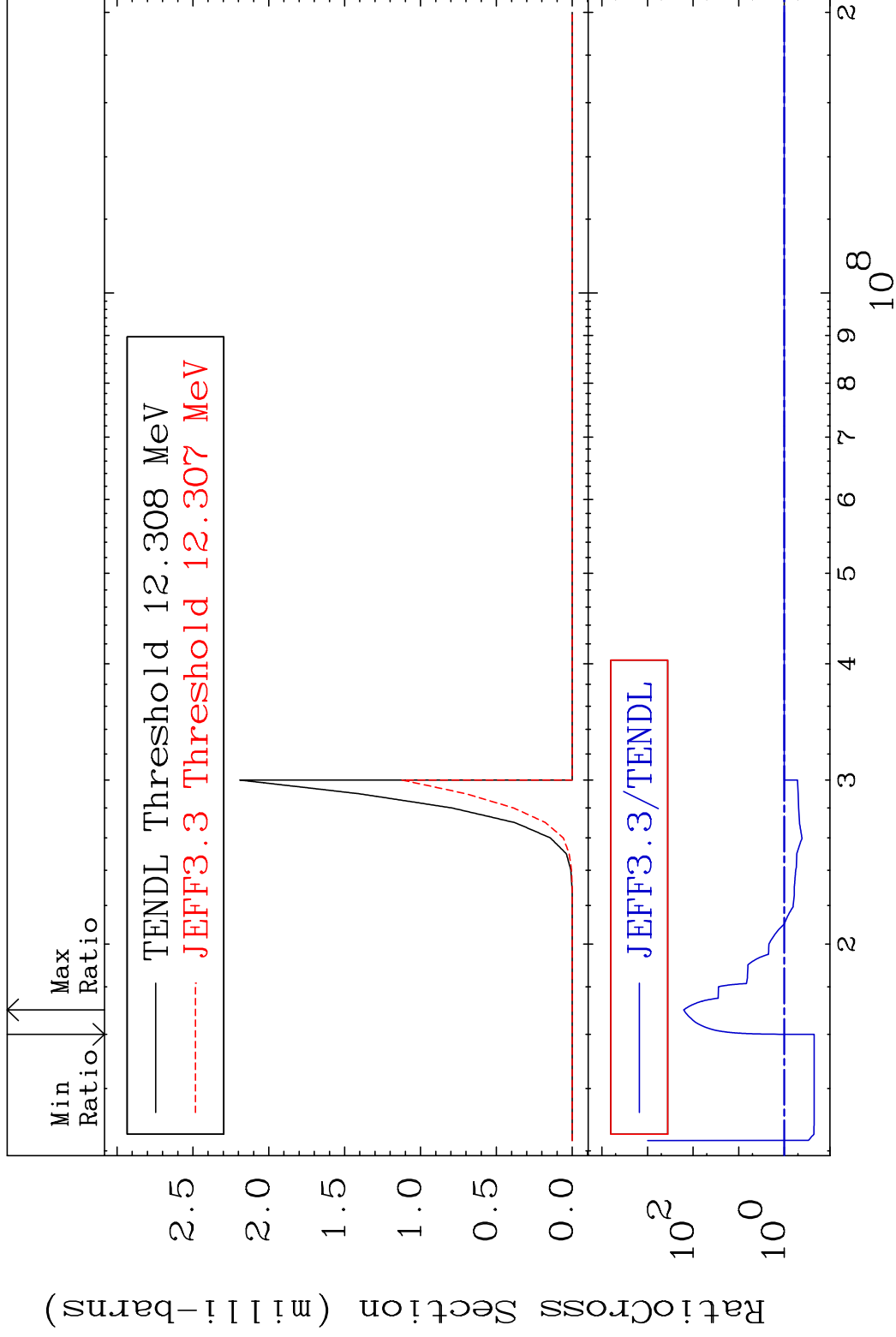
52-Te-132

MAT 5261

(n,2n) α

52-Te-132

Cross Section -77.78 To 9999. %

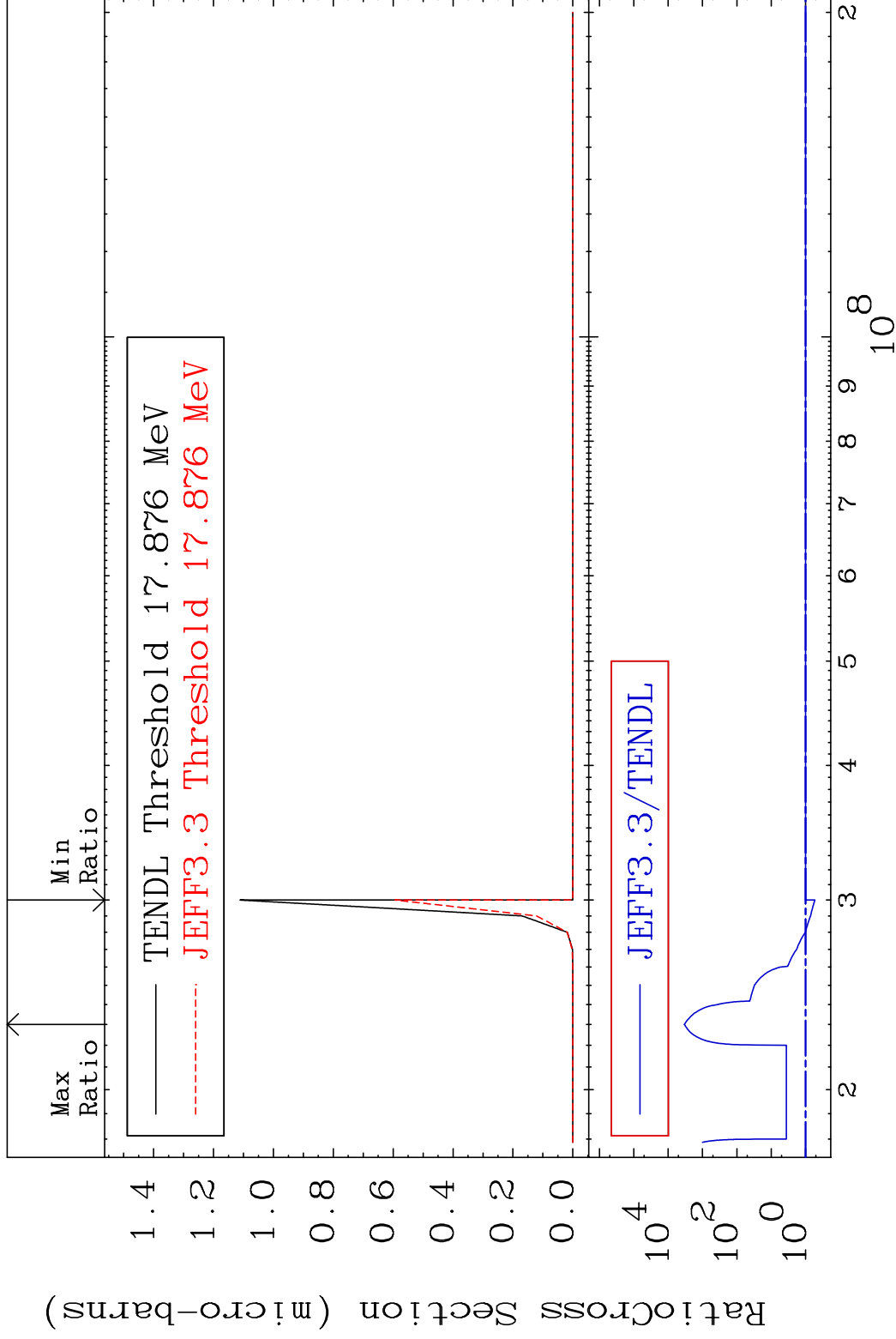


MAT 5261

(n,3n) α

52-Te-132

Cross Section -46.56 To 9999. %

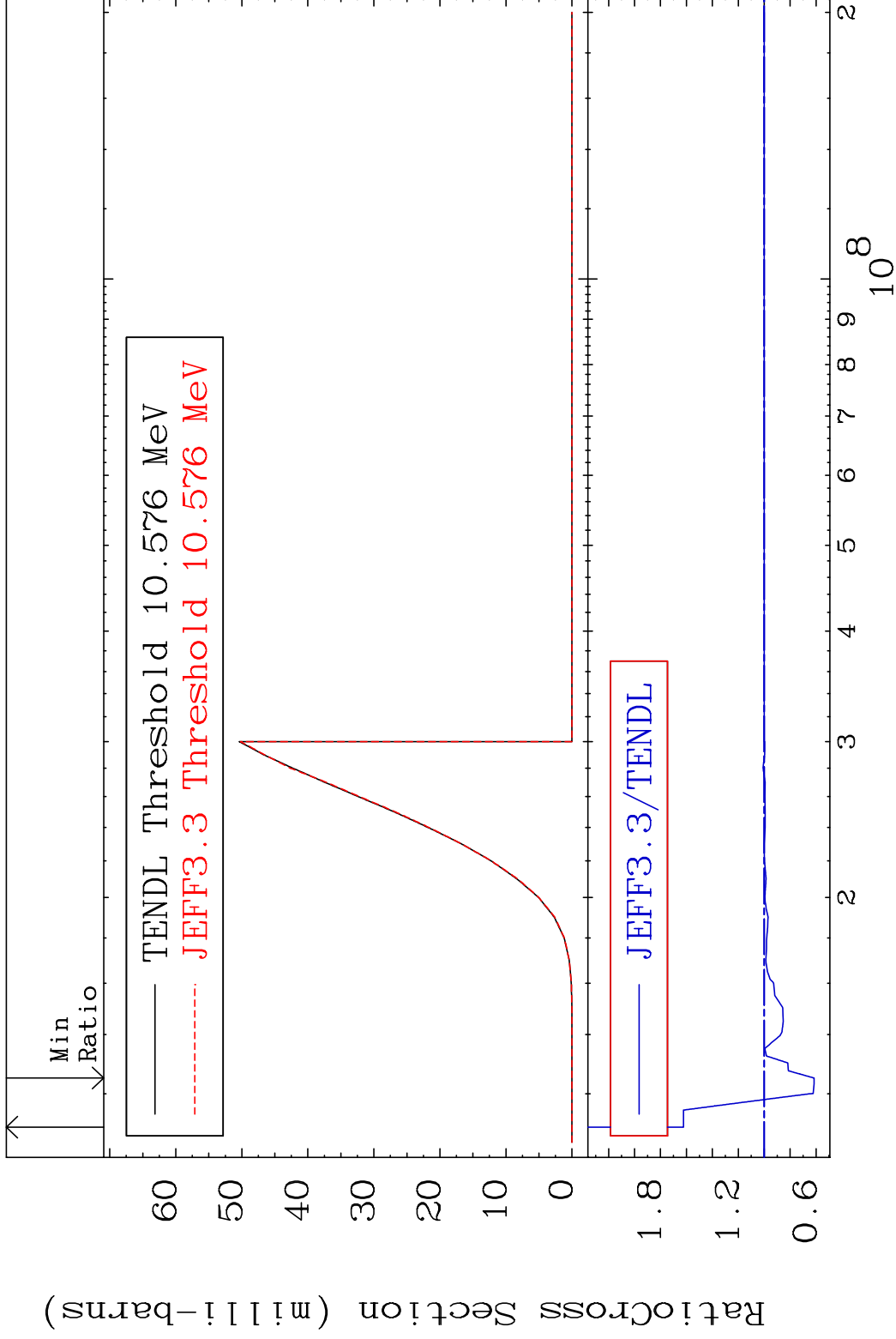


MAT 5261

(n, n') p

52-Te-132

Cross Section -38.41 To 62.30 %



10

Incident Energy (eV)

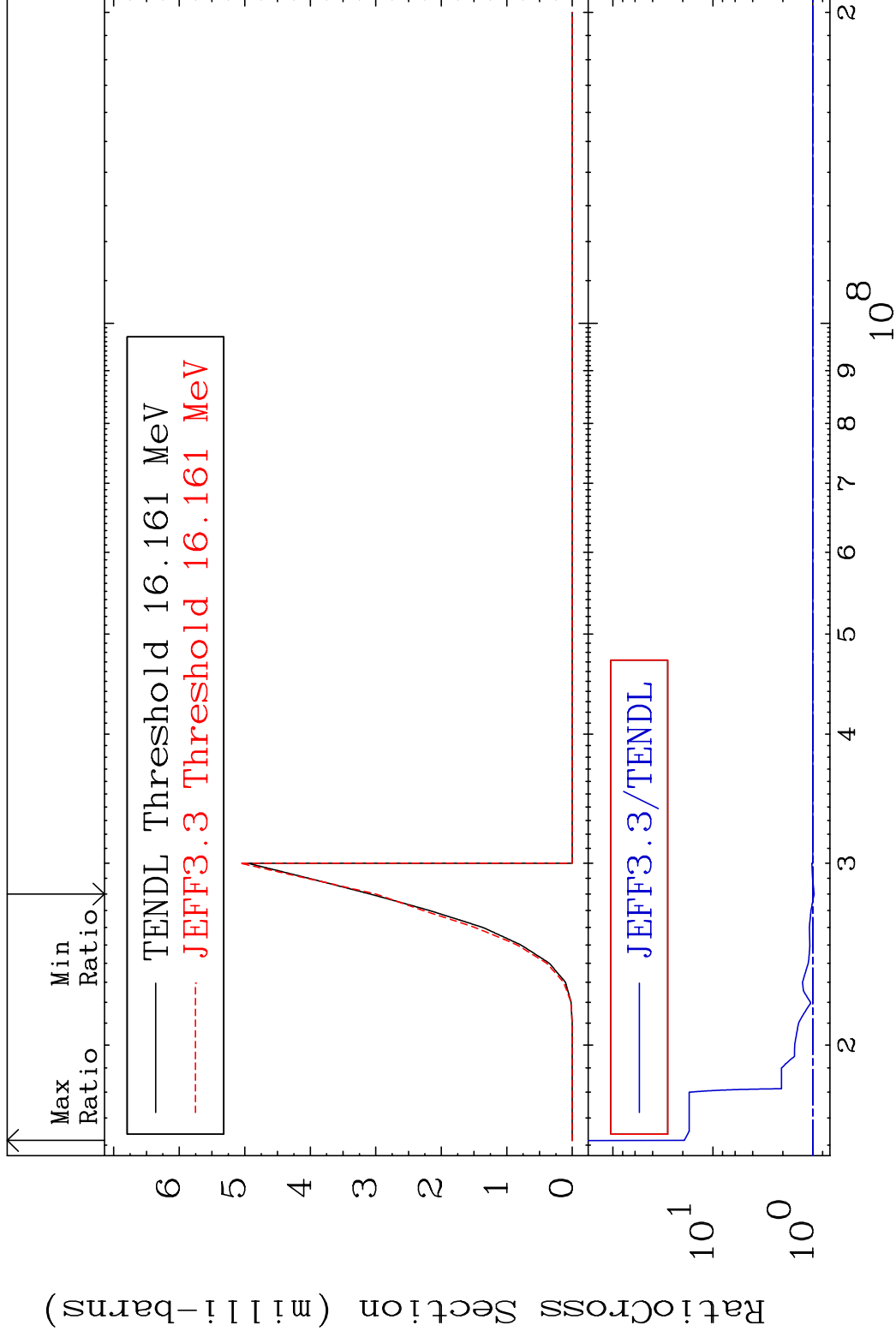
52-Te-132

MAT 5261

(n, n') d

52-Te-132

Cross Section -2.752 To 1862. %

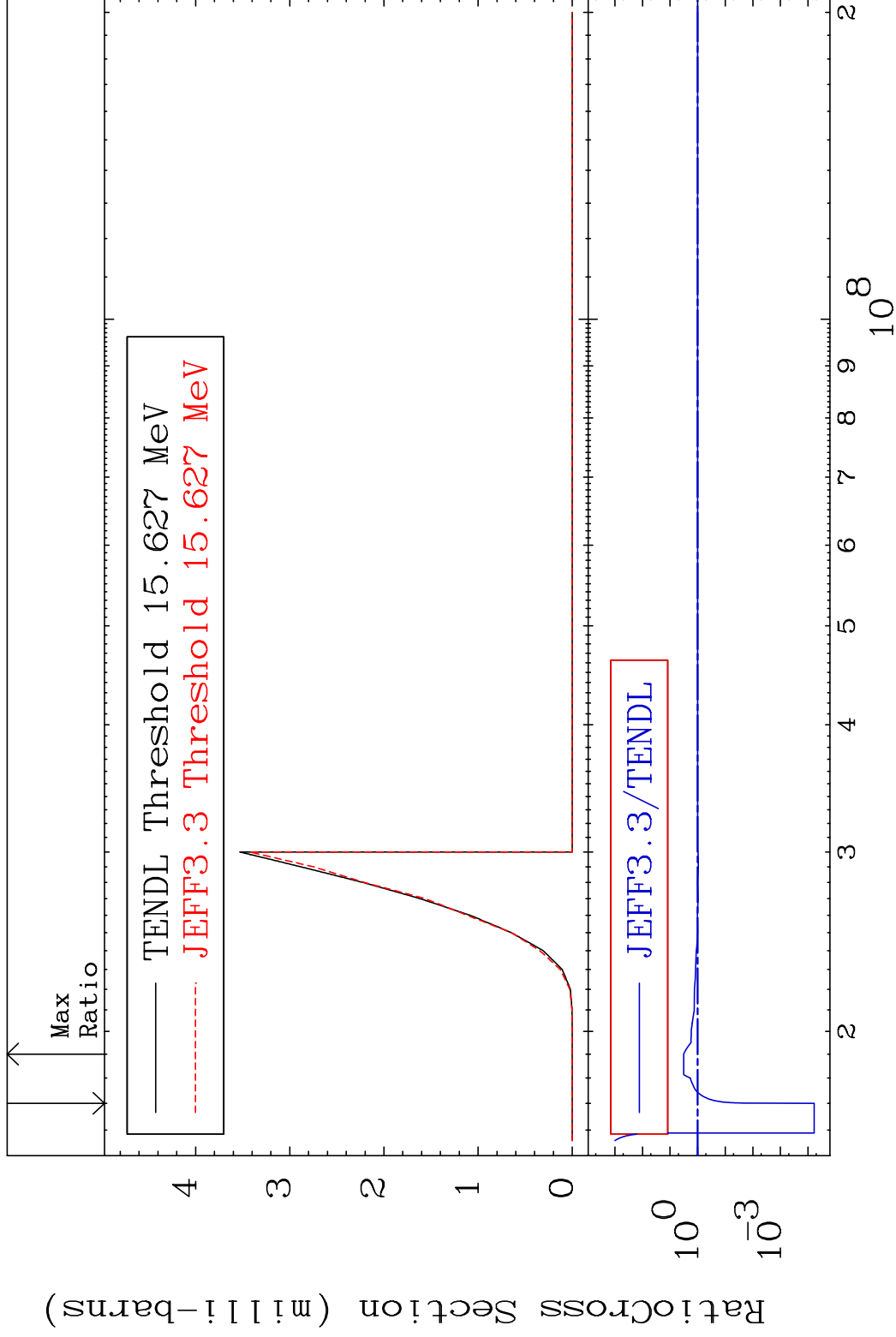


MAT 5261

(n, n') t

52-Te-132

Cross Section -99.99 To 221.9 %

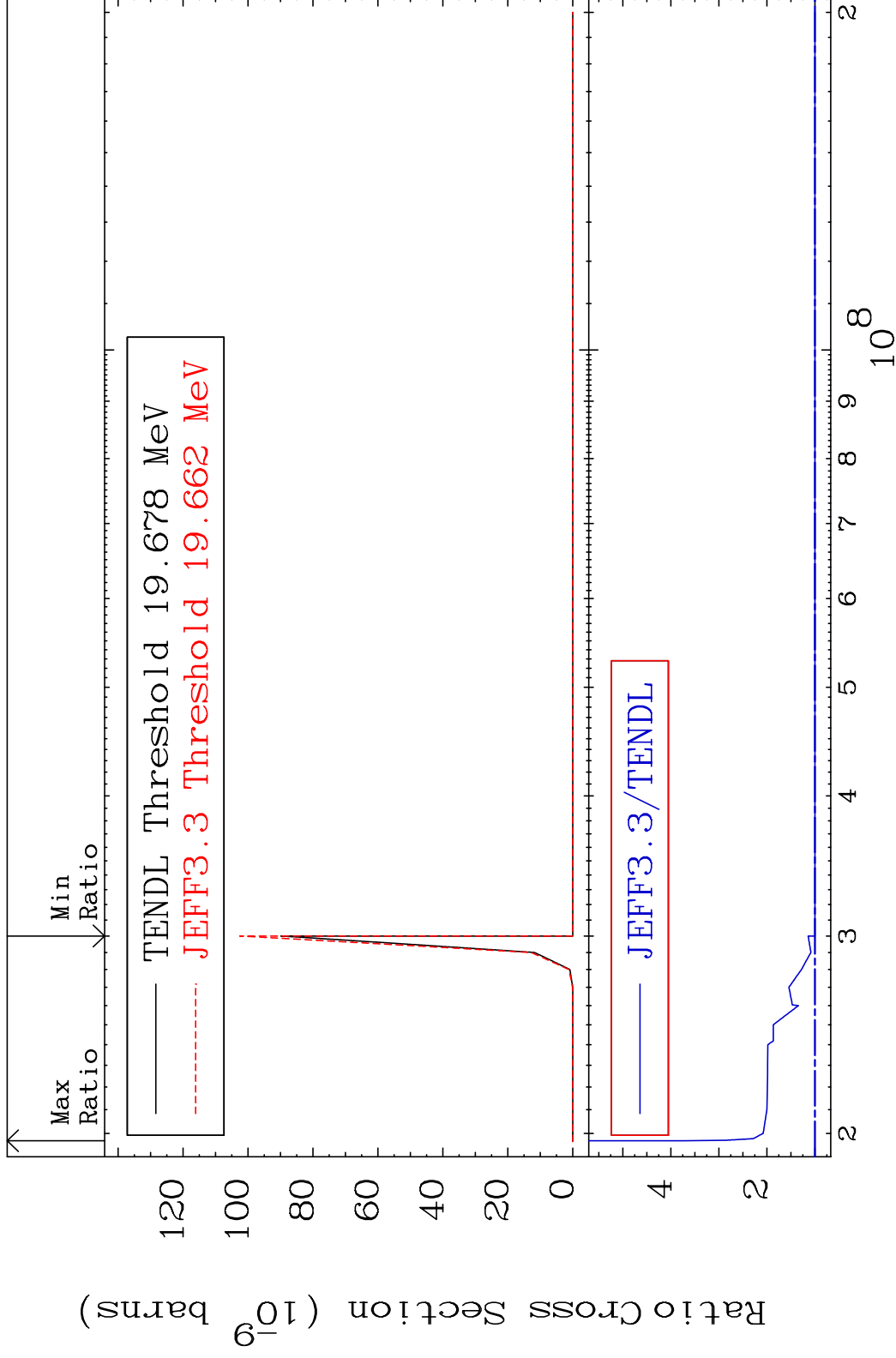


MAT 5261

(n,n') He-3

52-Te-132

Cross Section 0.000 To 271.8 %



13

Incident Energy (eV)

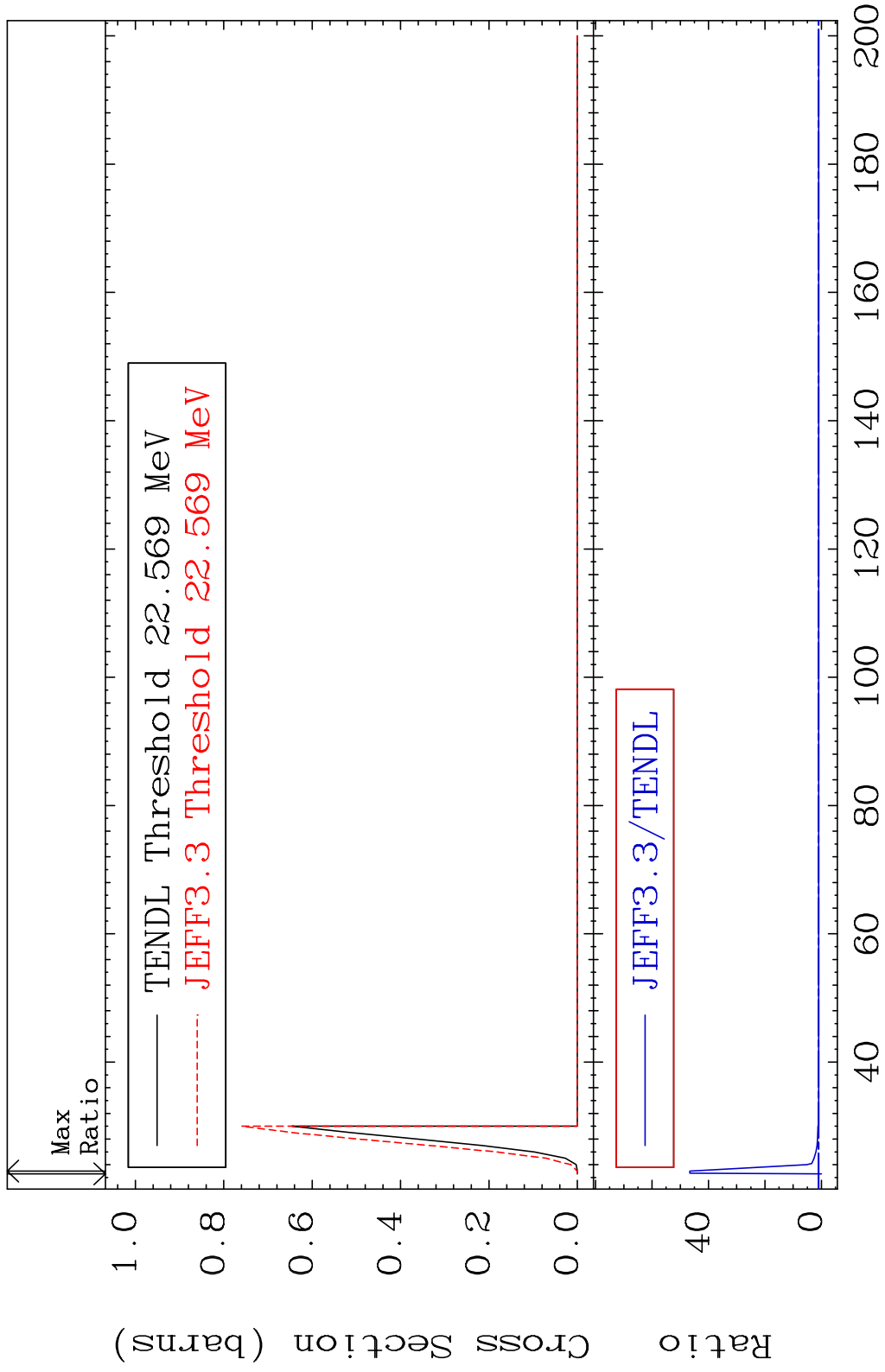
52-Te-132

MAT 5261

(n,4n)

52-Te-132

Cross Section -100.0 To 4563. %



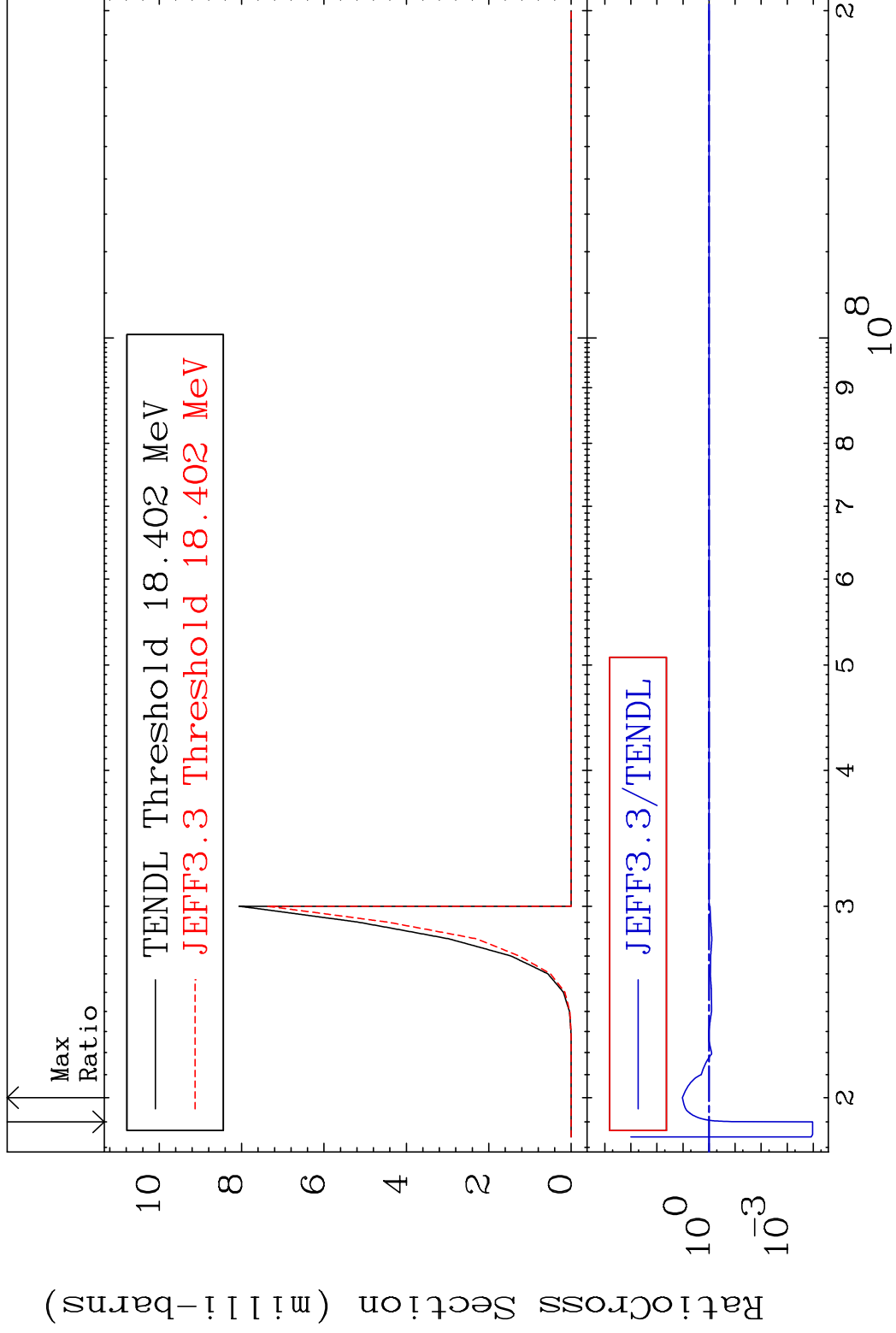
MAT 5261

(n,2n) p

52-Te-132

Cross Section

-99.99 To 955.3 %

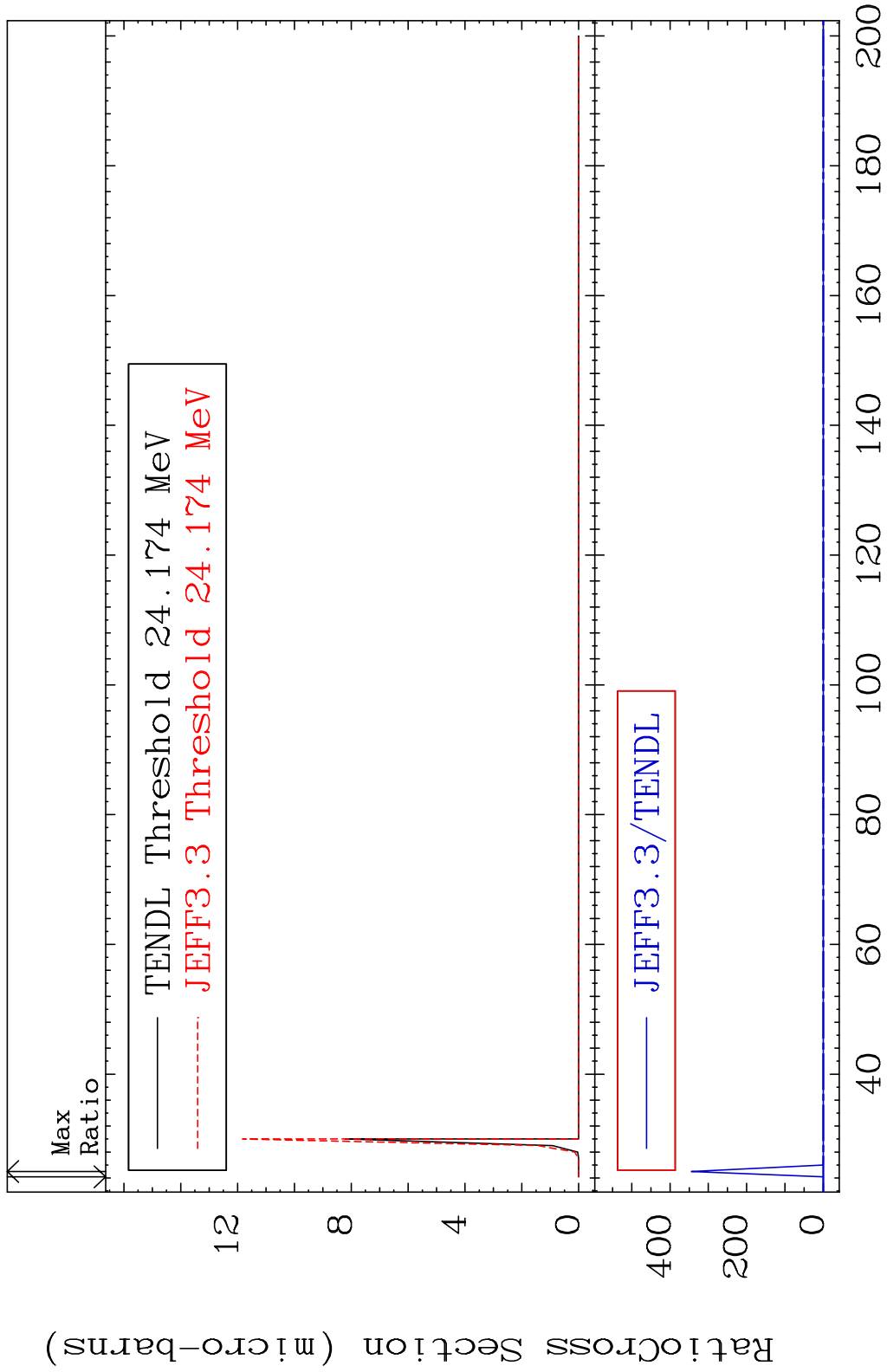


MAT 5261

(n,3n) p

52-Te-132

Cross Section -100.0 To 9999. %



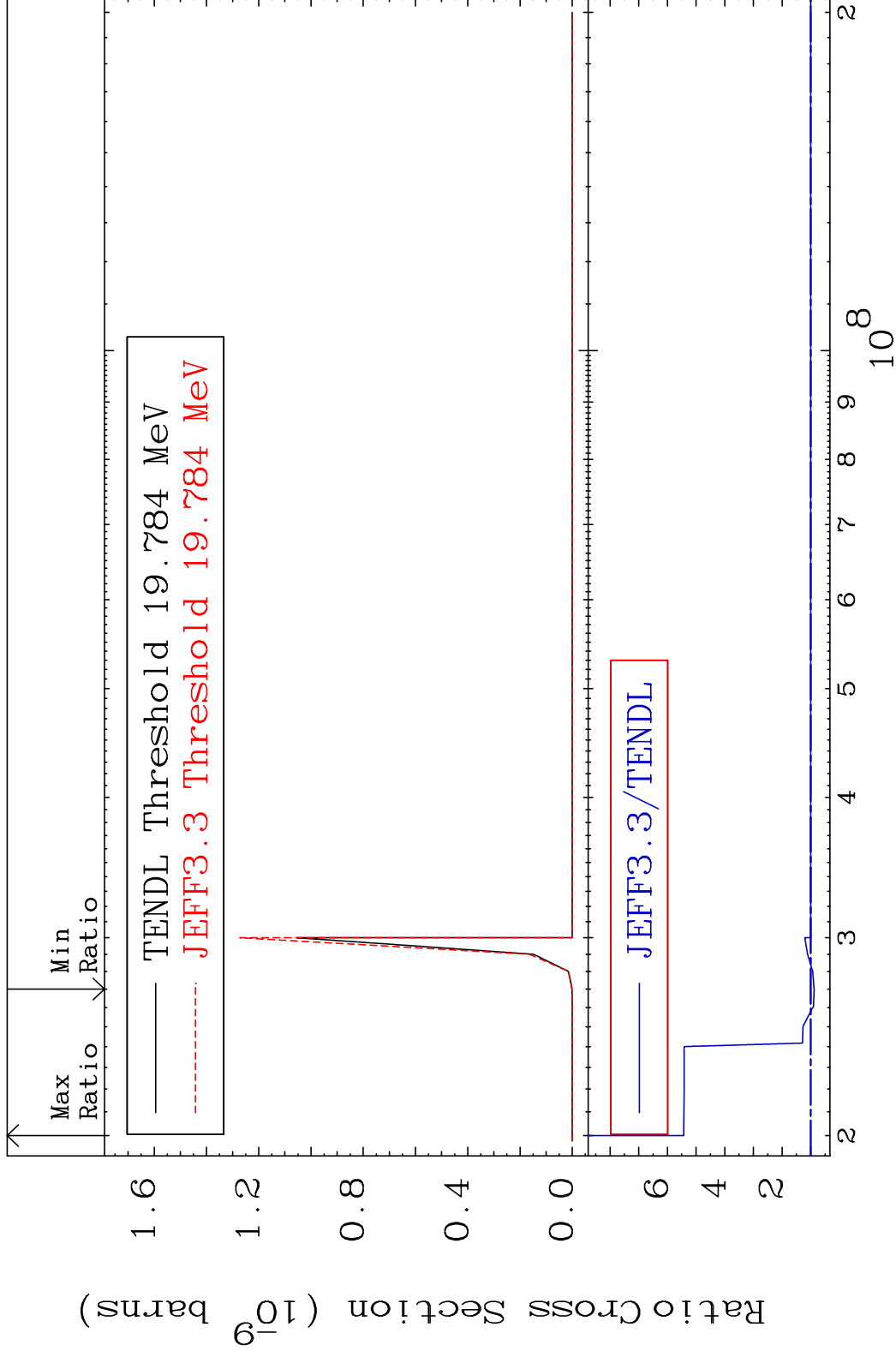
MAT 5261

(n,2n) p

52-Te-132

Cross Section

-11.69 To 443.3 %

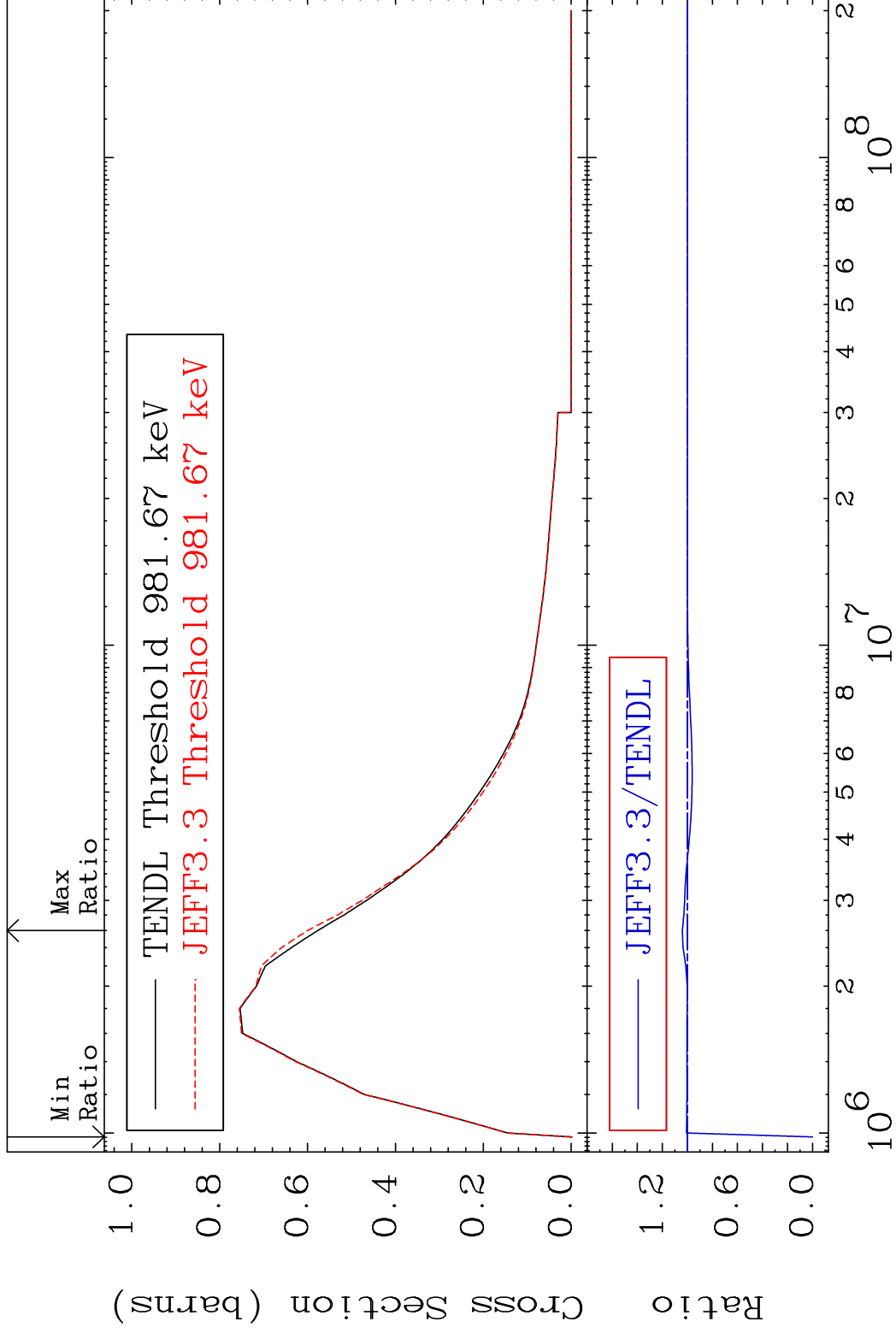


MAT 5261

MT= 51 (n, n') Level

52-Te-132

Cross Section -100.0 To 4.024 %

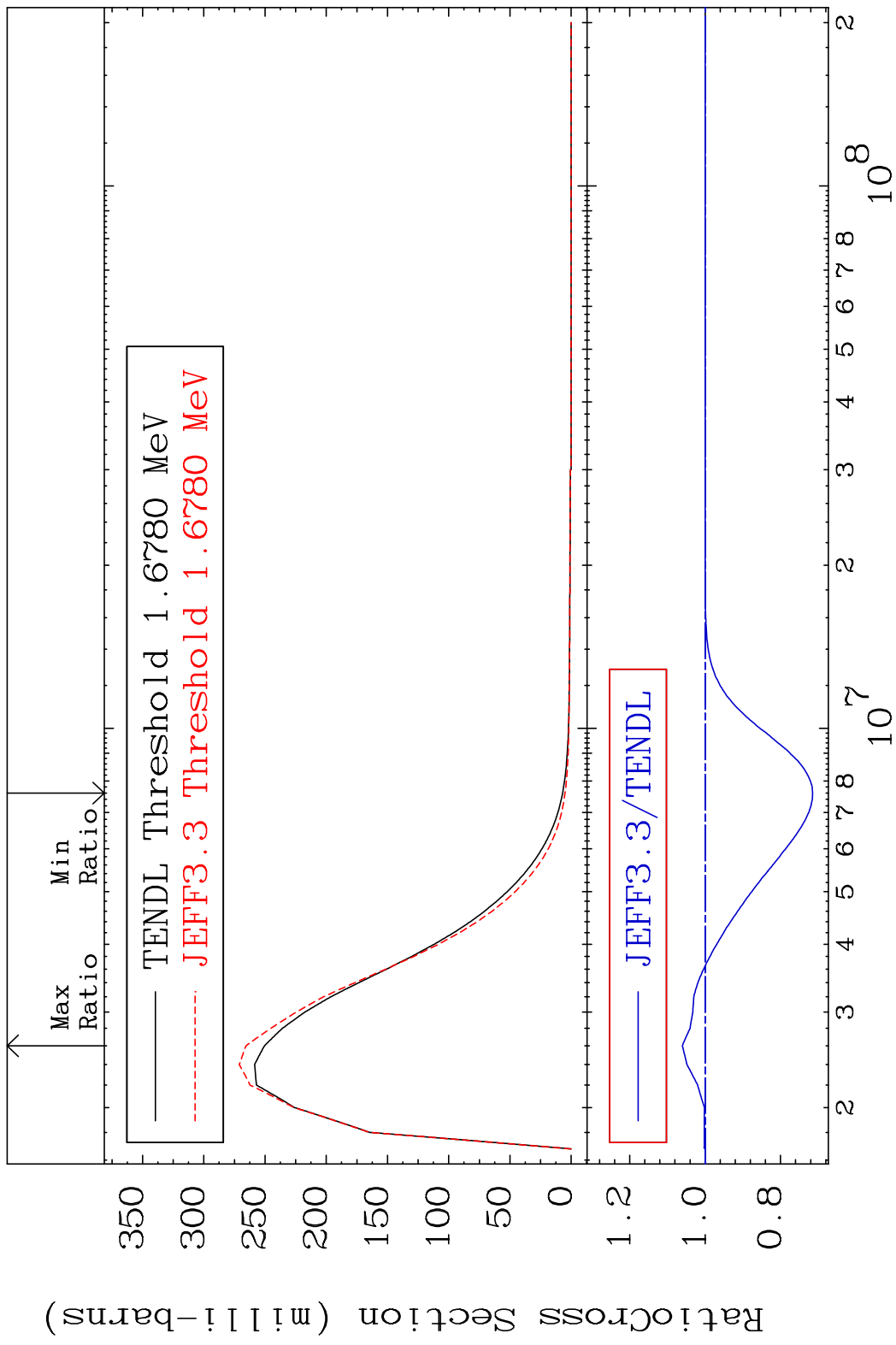


18

Incident Energy (eV)

52-Te-132

MAT 5261 MT= 52 (n,n') Level 52-Te-132
 Cross Section -28.50 To 6.041 %

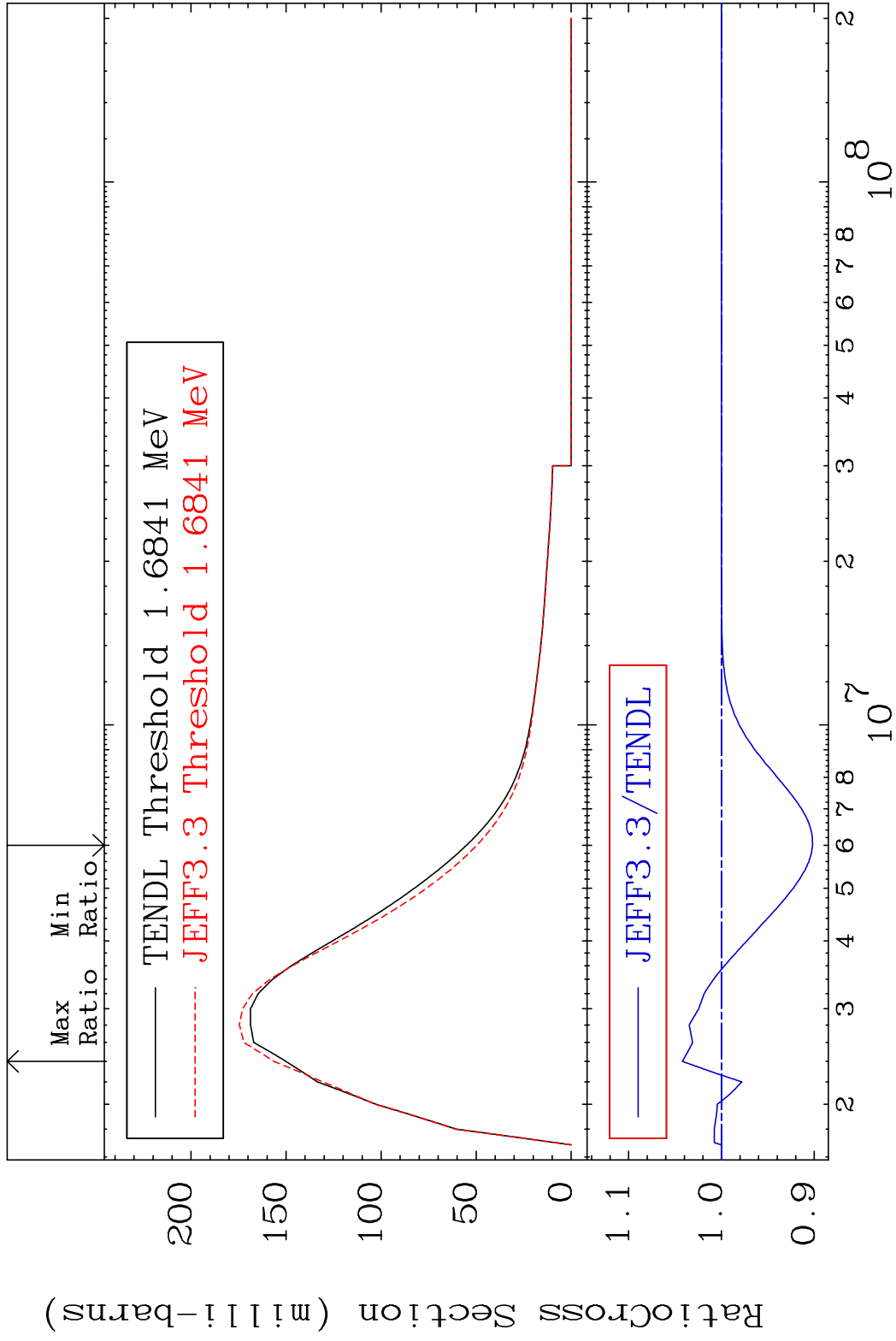


MAT 5261

MT= 53 (n,n') Level

52-Te-132

Cross Section -9.815 To 4.216 %

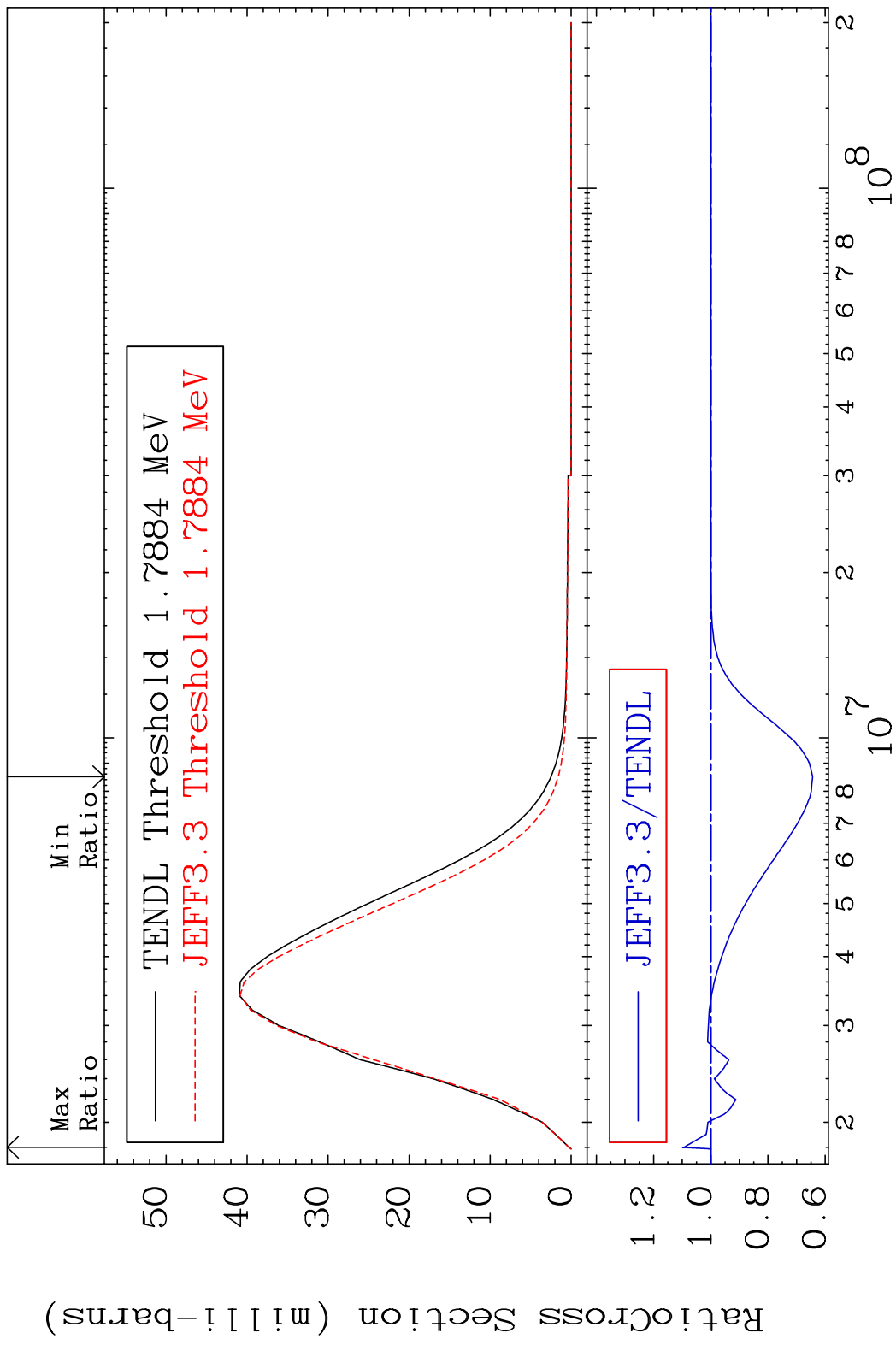


20

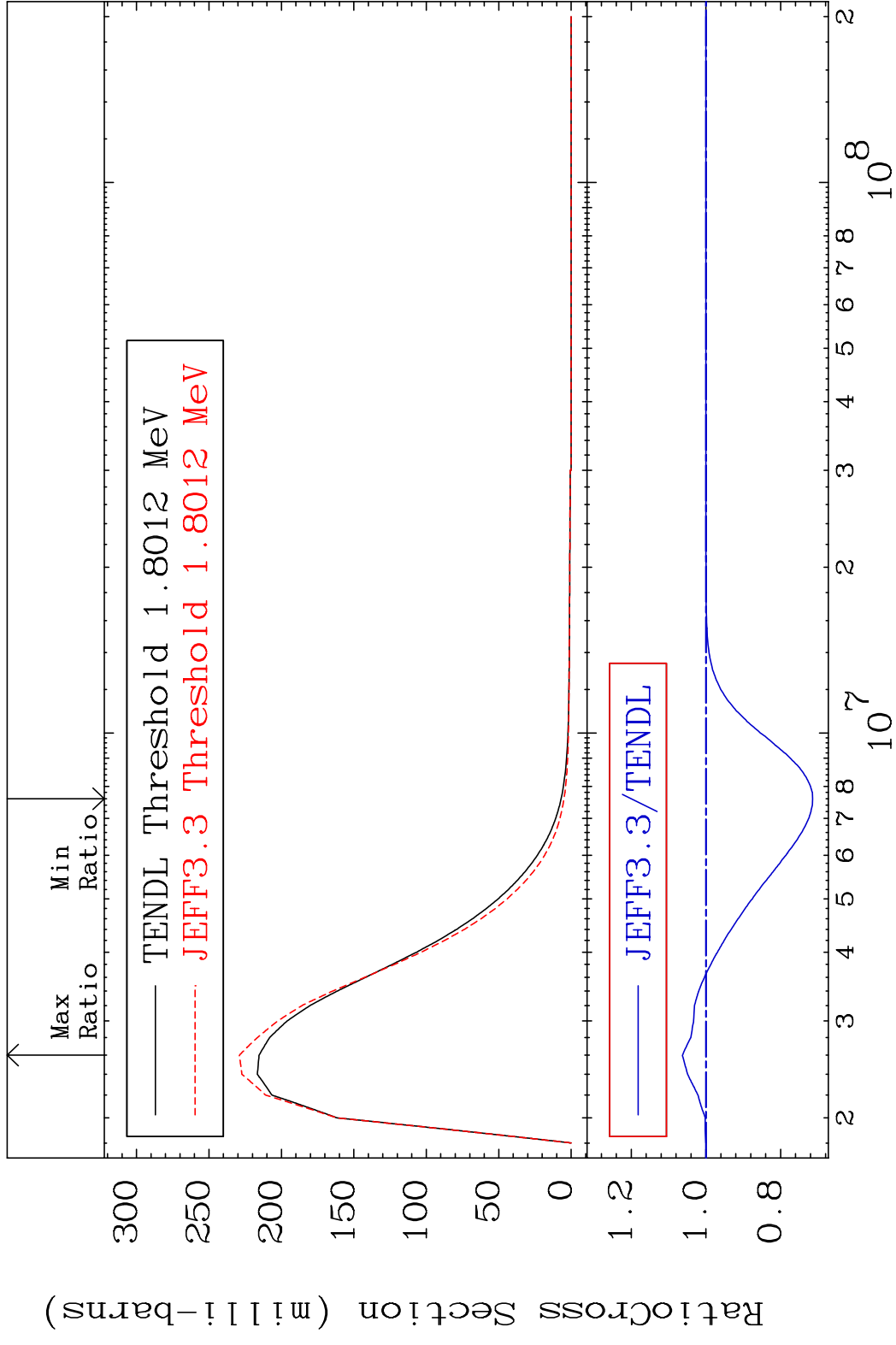
Incident Energy (eV)

52-Te-132

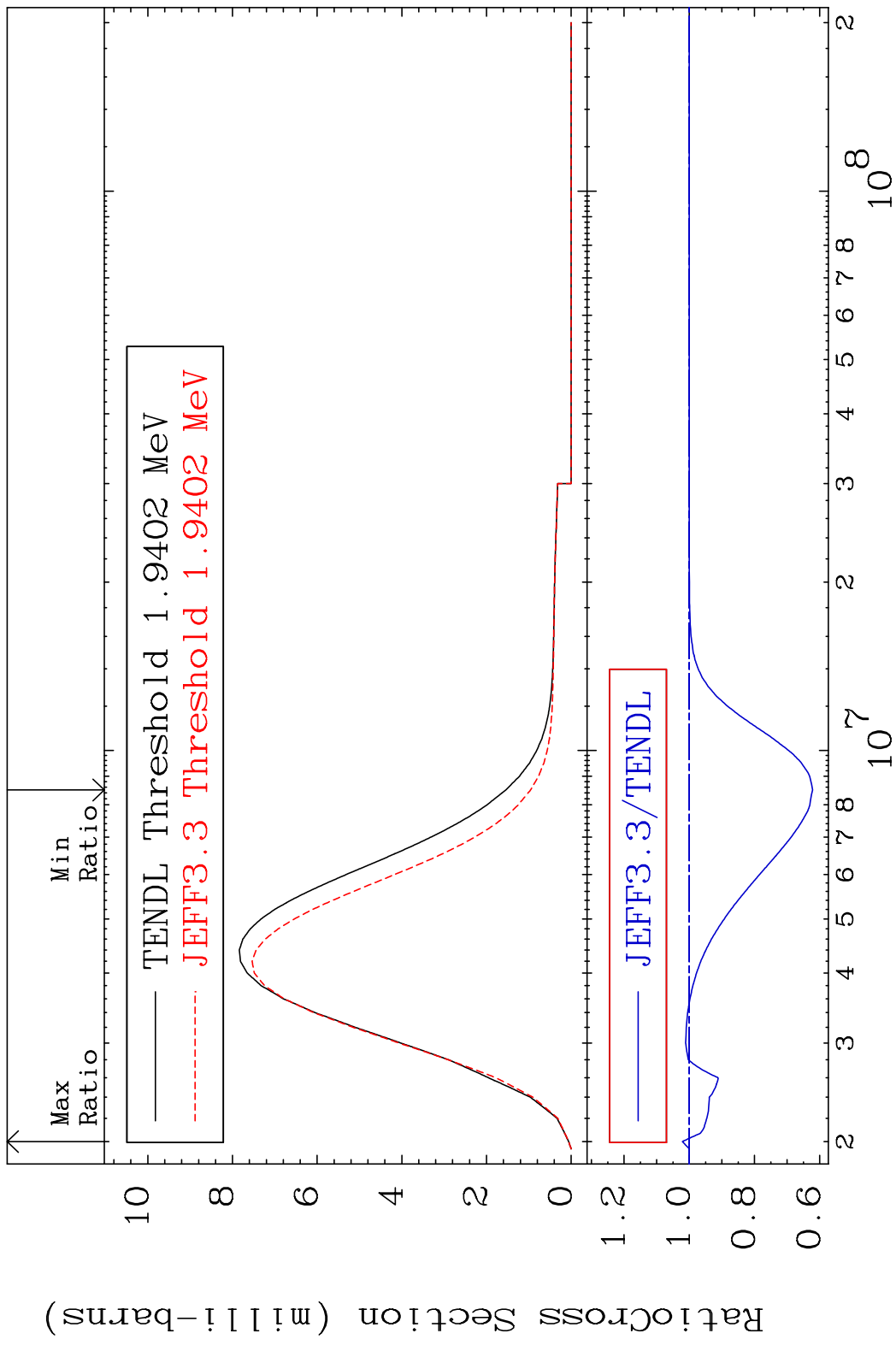
MAT 5261 MT= 54 (n,n') Level 52-Te-132
 Cross Section -35.58 To 9.944 %



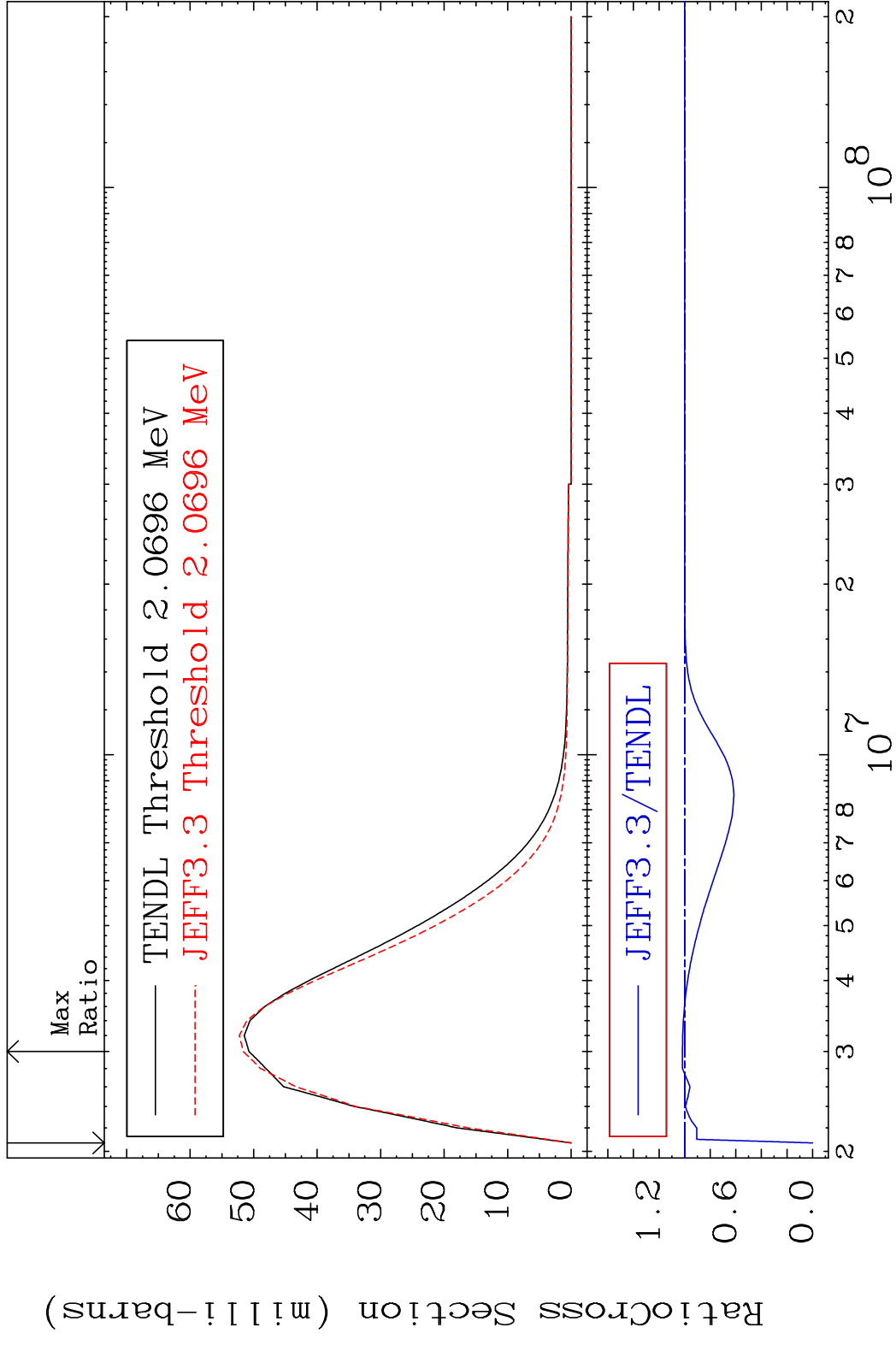
MAT 5261 MT= 55 (n,n') Level 52-Te-132
 Cross Section -28.54 To 6.324 %



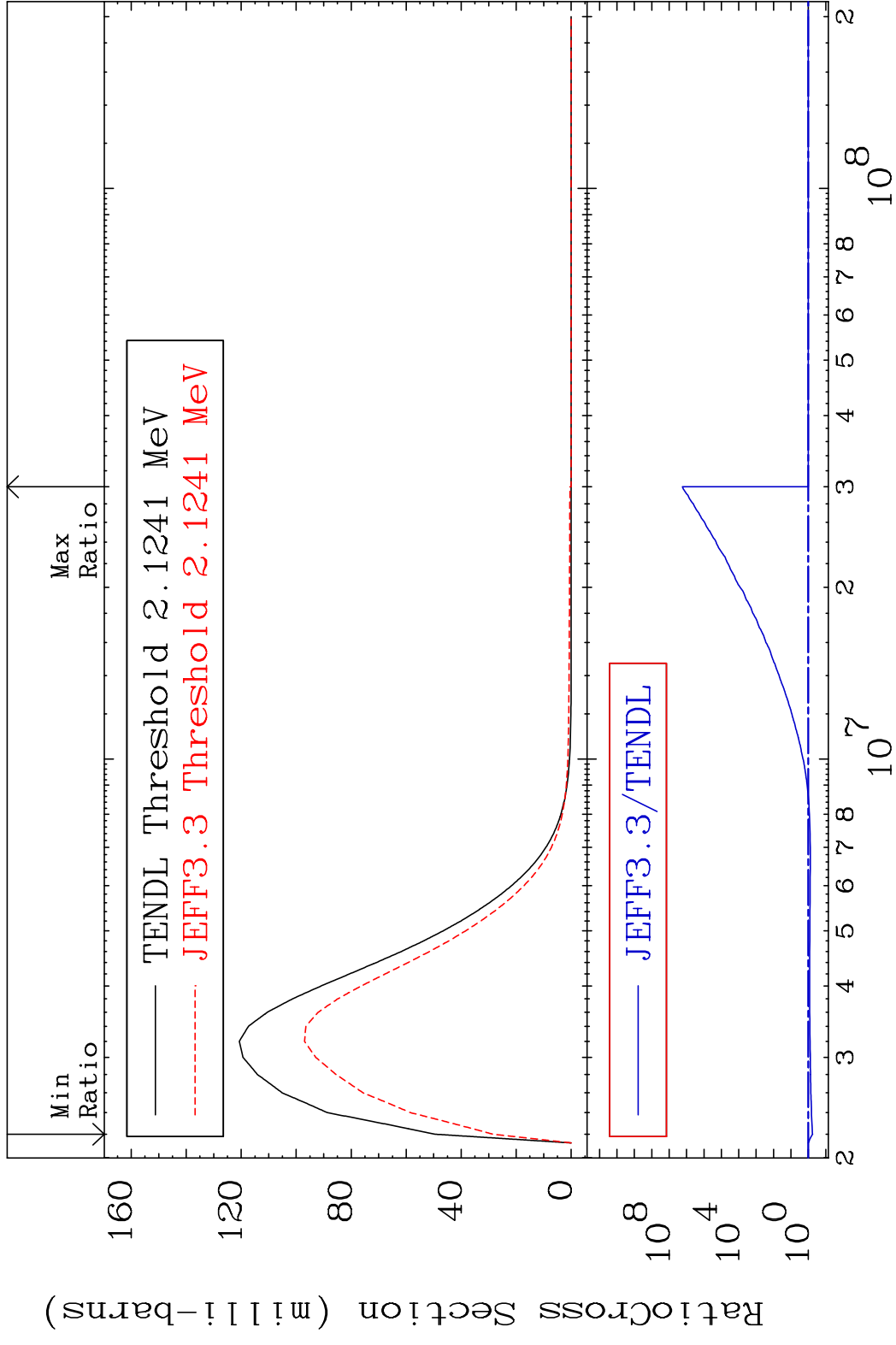
MAT 5261 MT= 56 (n,n') Level 52-Te-132
 Cross Section -37.80 To 2.127 %



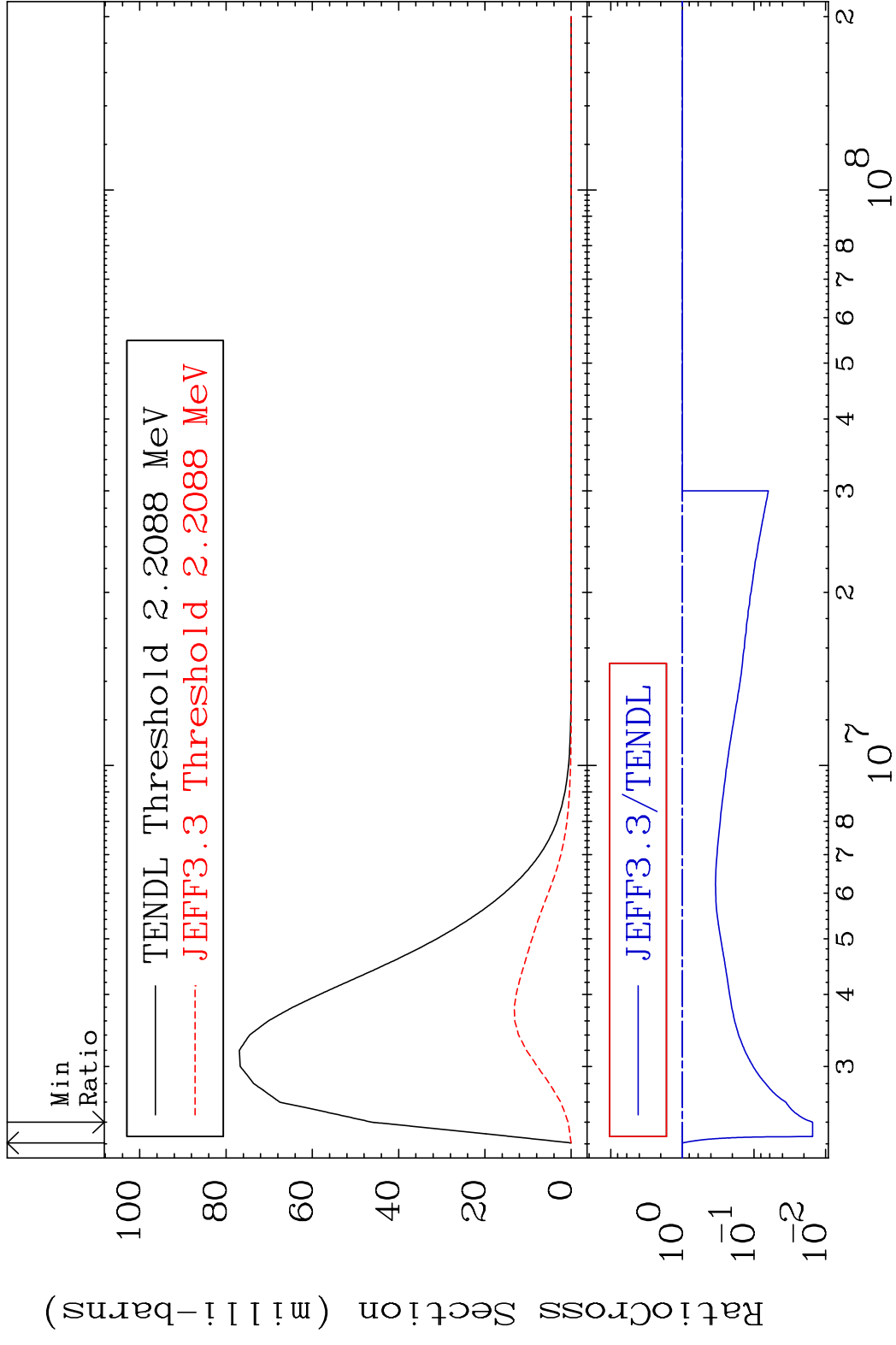
MAT 5261 MT= 57 (n,n') Level 52-Te-132
 Cross Section -100.0 To 1.775 %



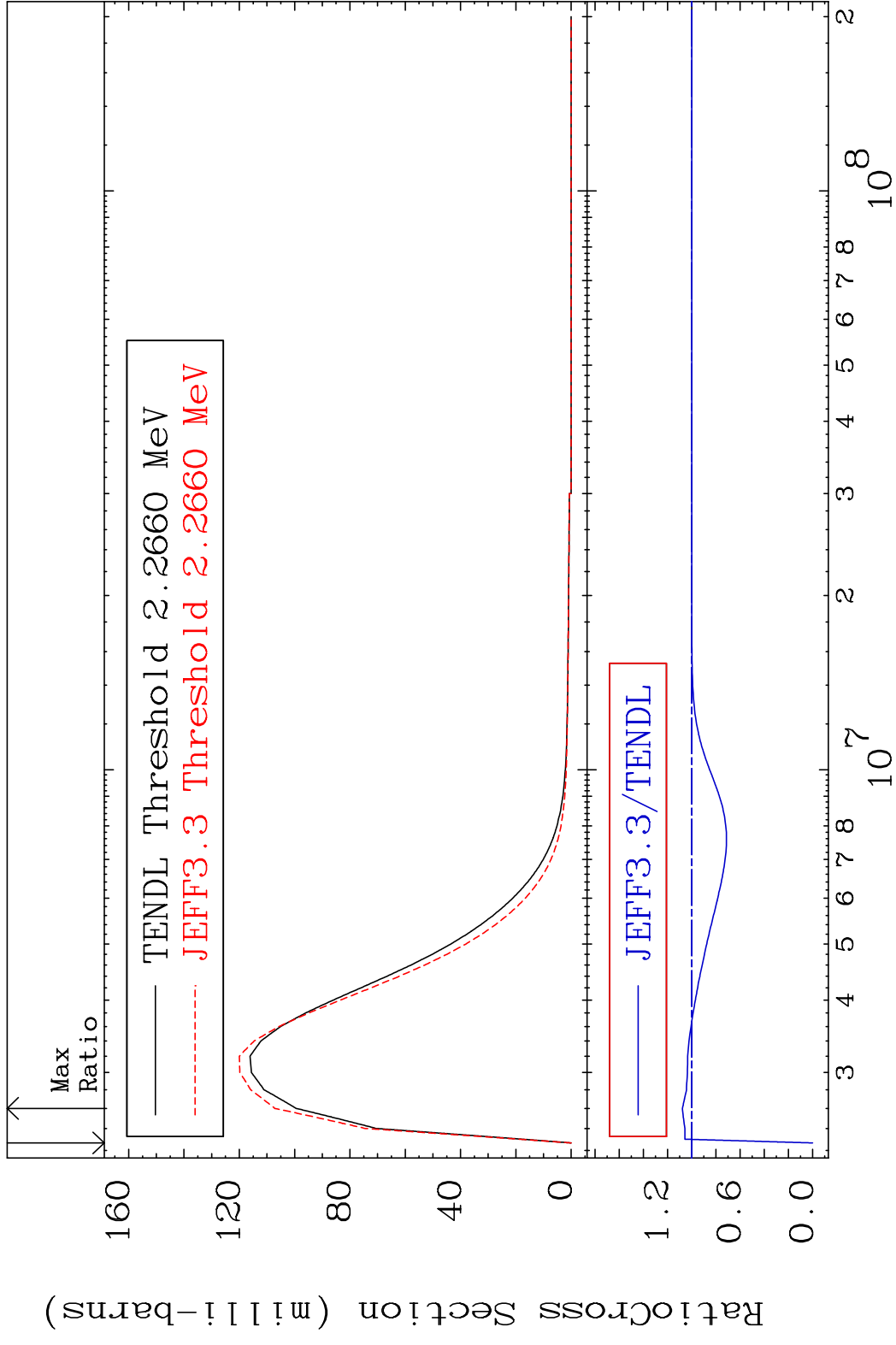
MAT 5261 MT= 58 (n, n') Level 52-Te-132
 Cross Section -42.56 To 9999. %



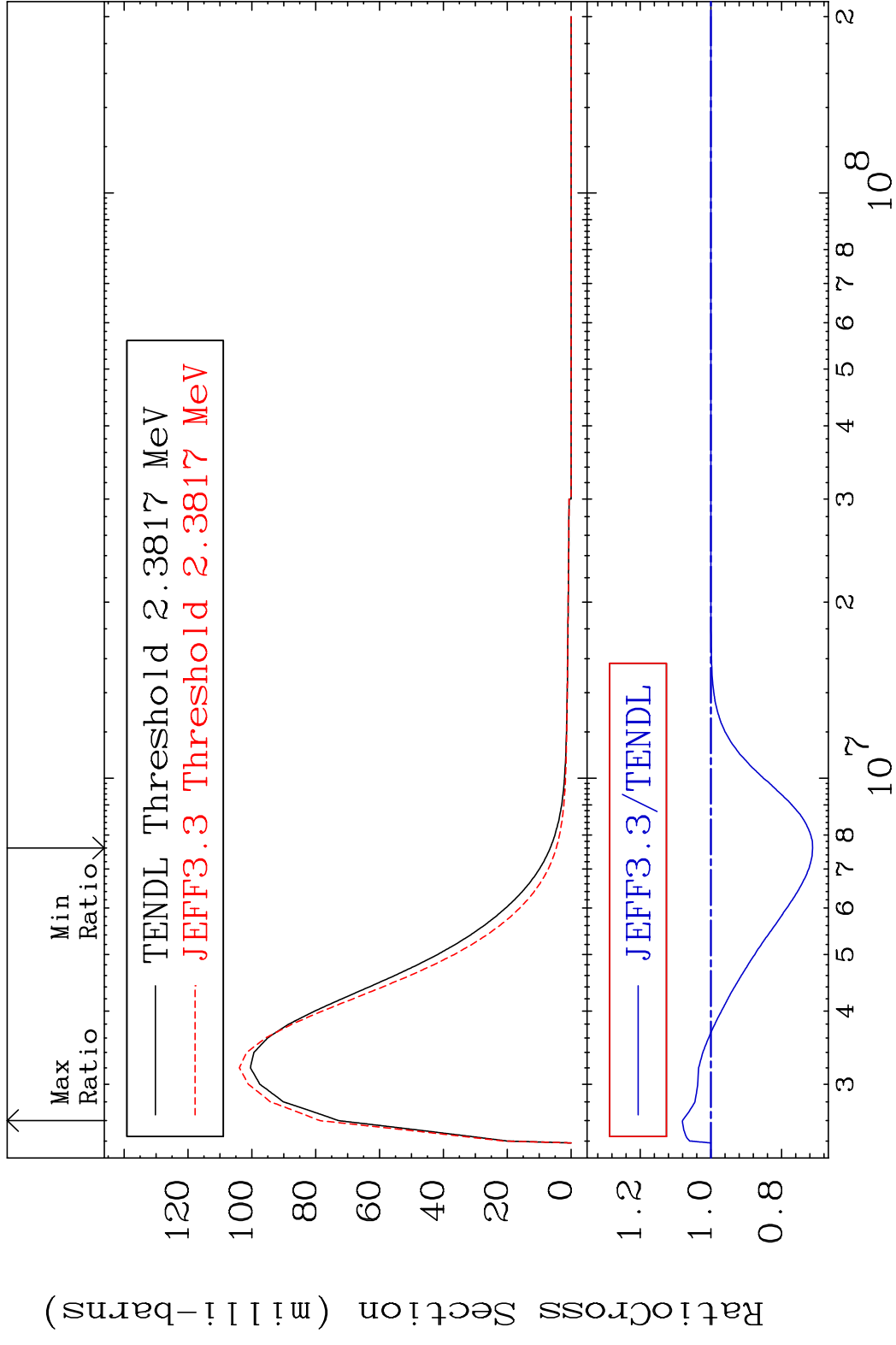
MAT 5261 MT= 59 (n,n') Level 52-Te-132
 Cross Section -98.48 To 0.000 %



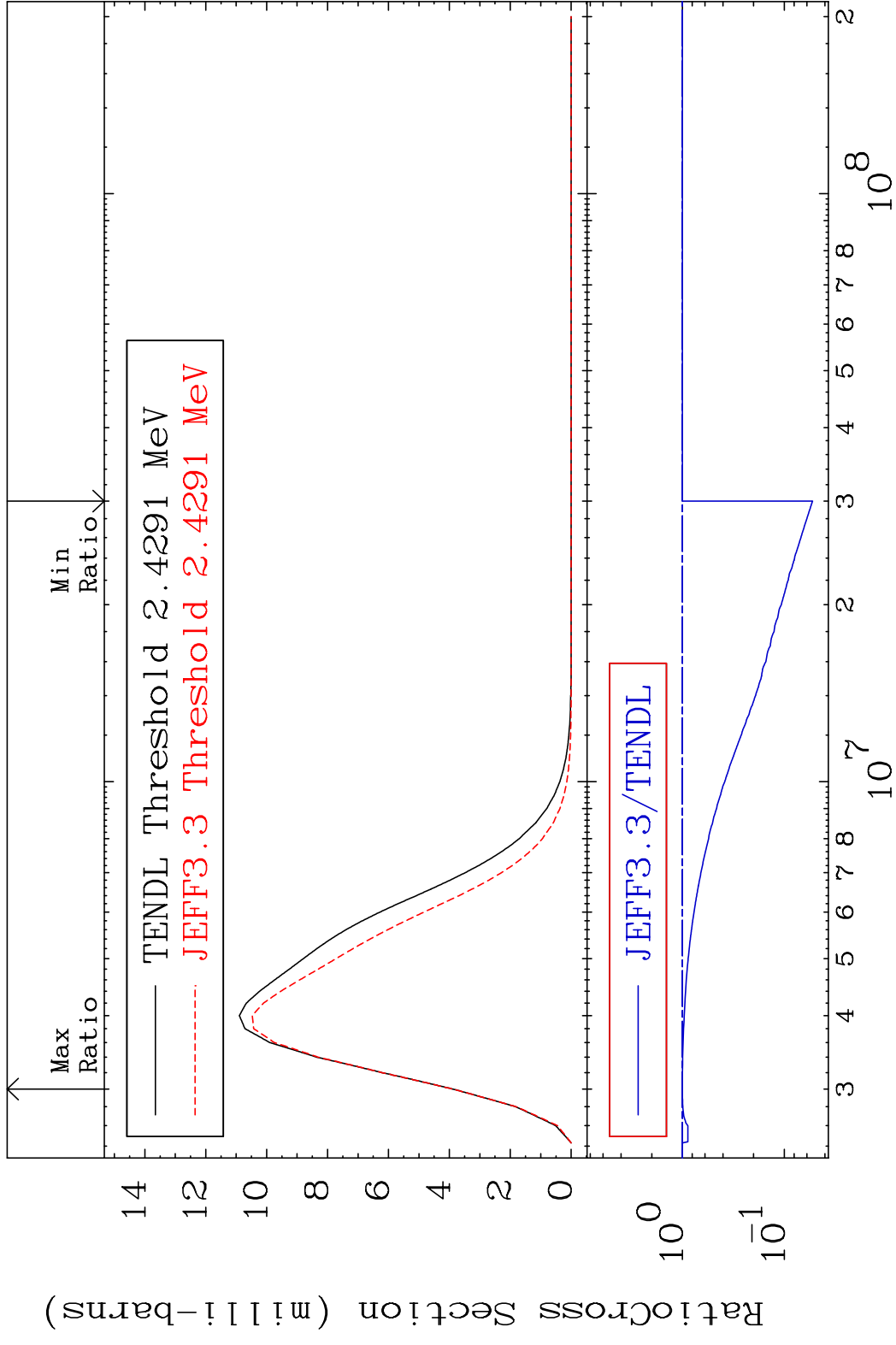
MAT 5261 MT= 60 (n,n') Level 52-Te-132
 Cross Section -100.0 To 7.750 %



MAT 5261 MT= 61 (n,n') Level 52-Te-132
 Cross Section -28.77 To 8.059 %

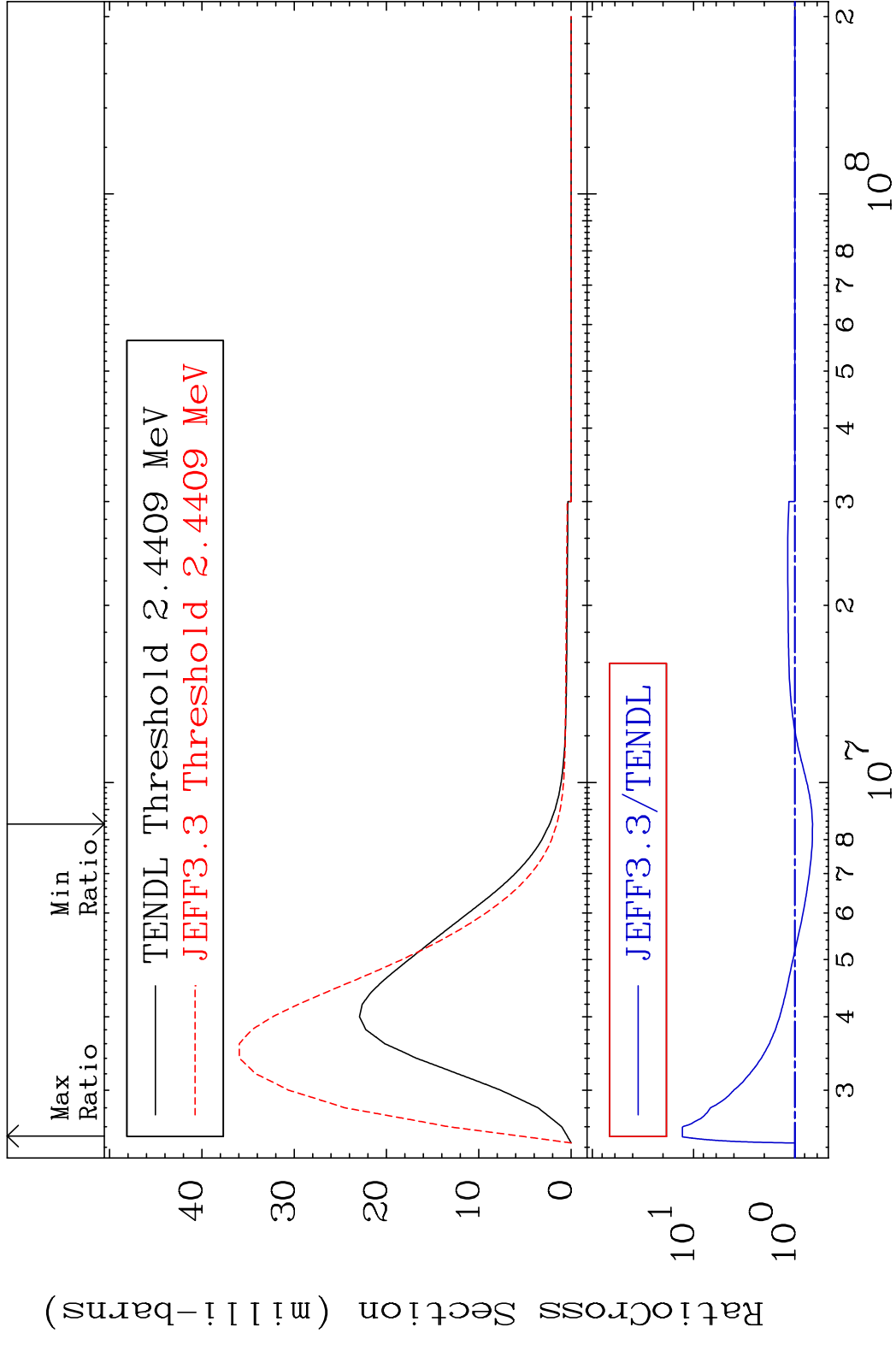


MAT 5261 MT= 62 (n, n') Level 52-Te-132
 Cross Section -94.72 To 0.111 %



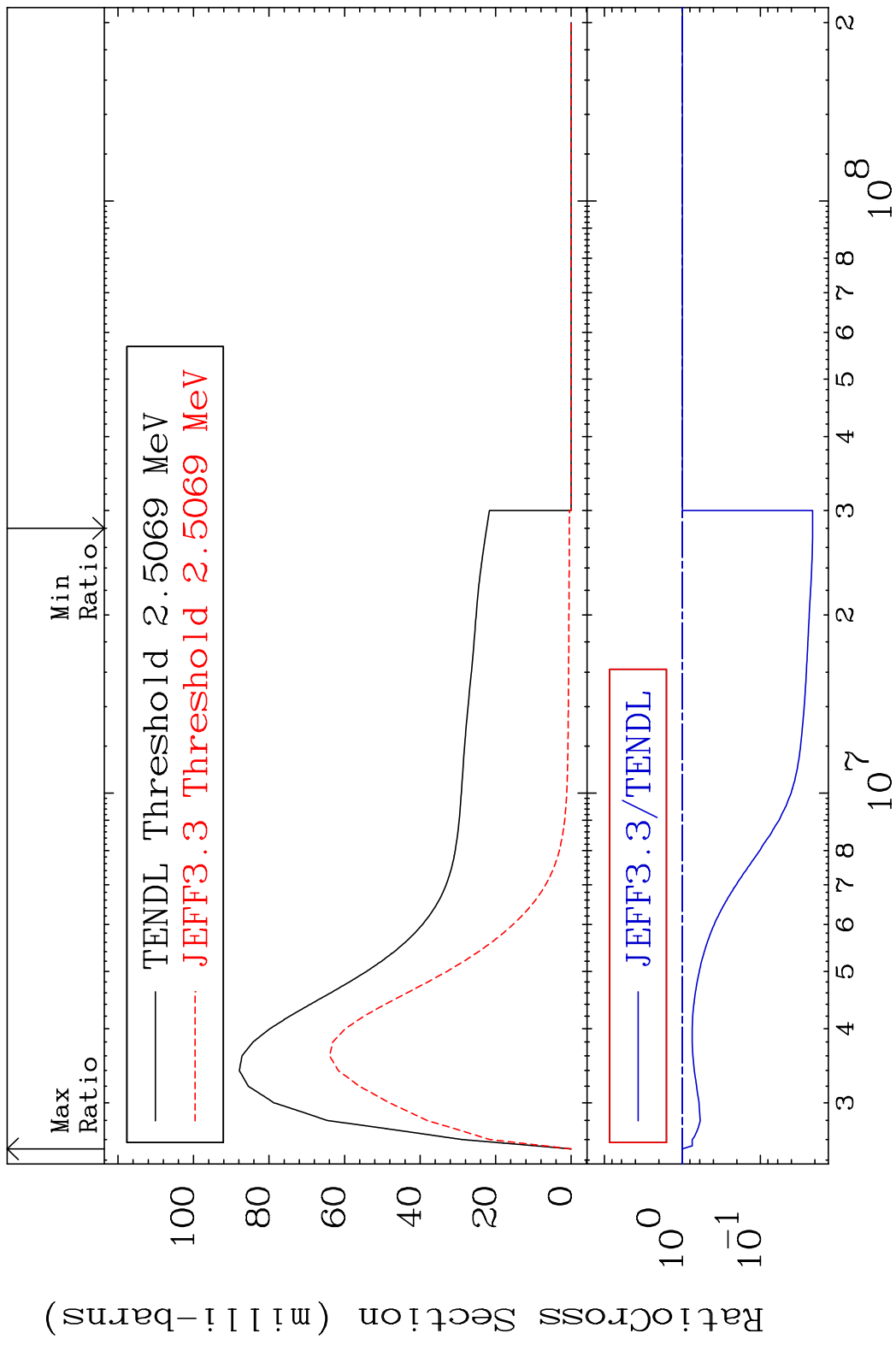
29 Incident Energy (eV) 52-Te-132

MAT 5261 MT= 63 (n, n') Level 52-Te-132
 Cross Section -33.22 To 1191. %

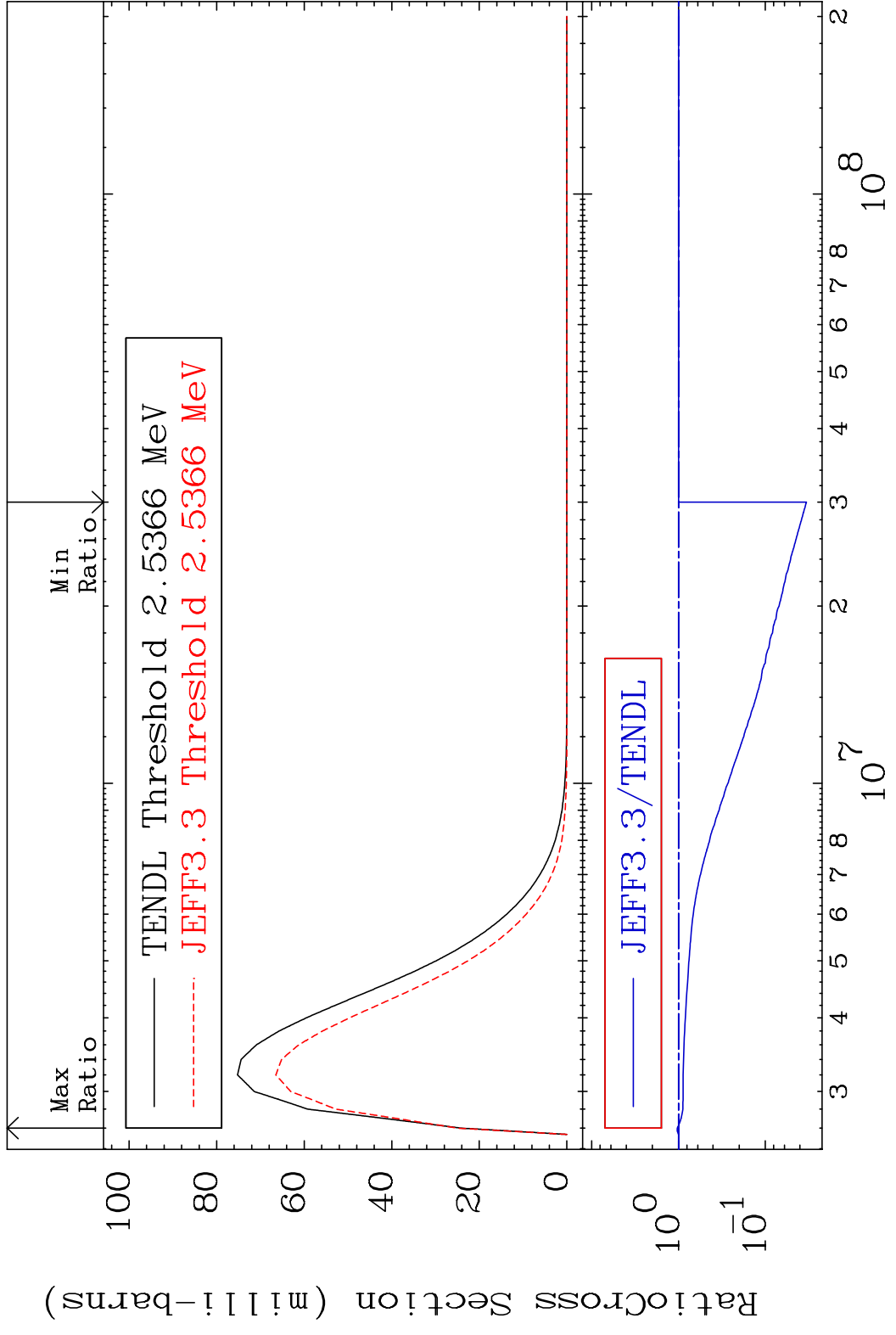


30 Incident Energy (eV) 52-Te-132

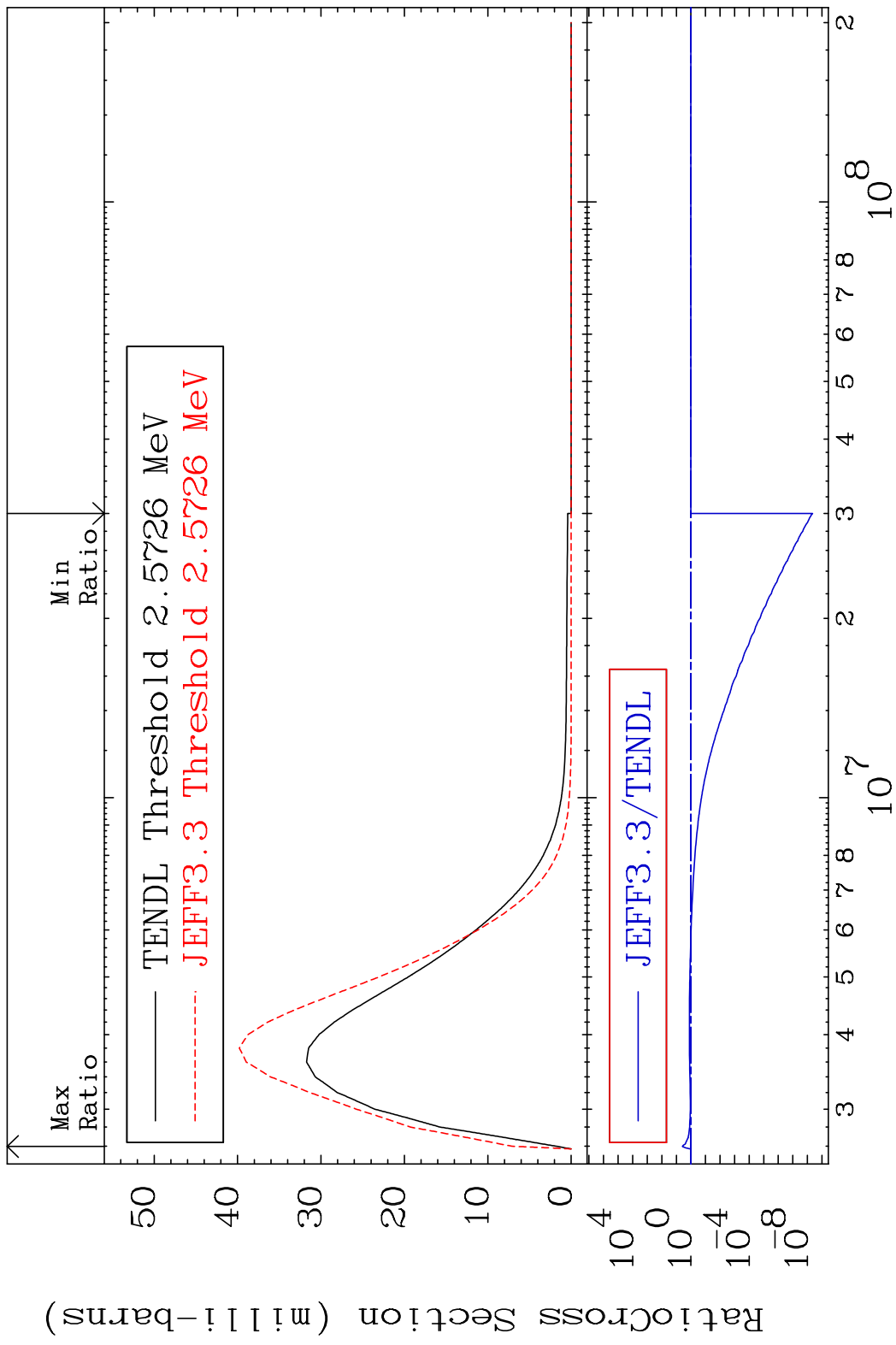
MAT 5261 MT= 64 (n, n') Level 52-Te-132
 Cross Section -97.85 To 0.000 %



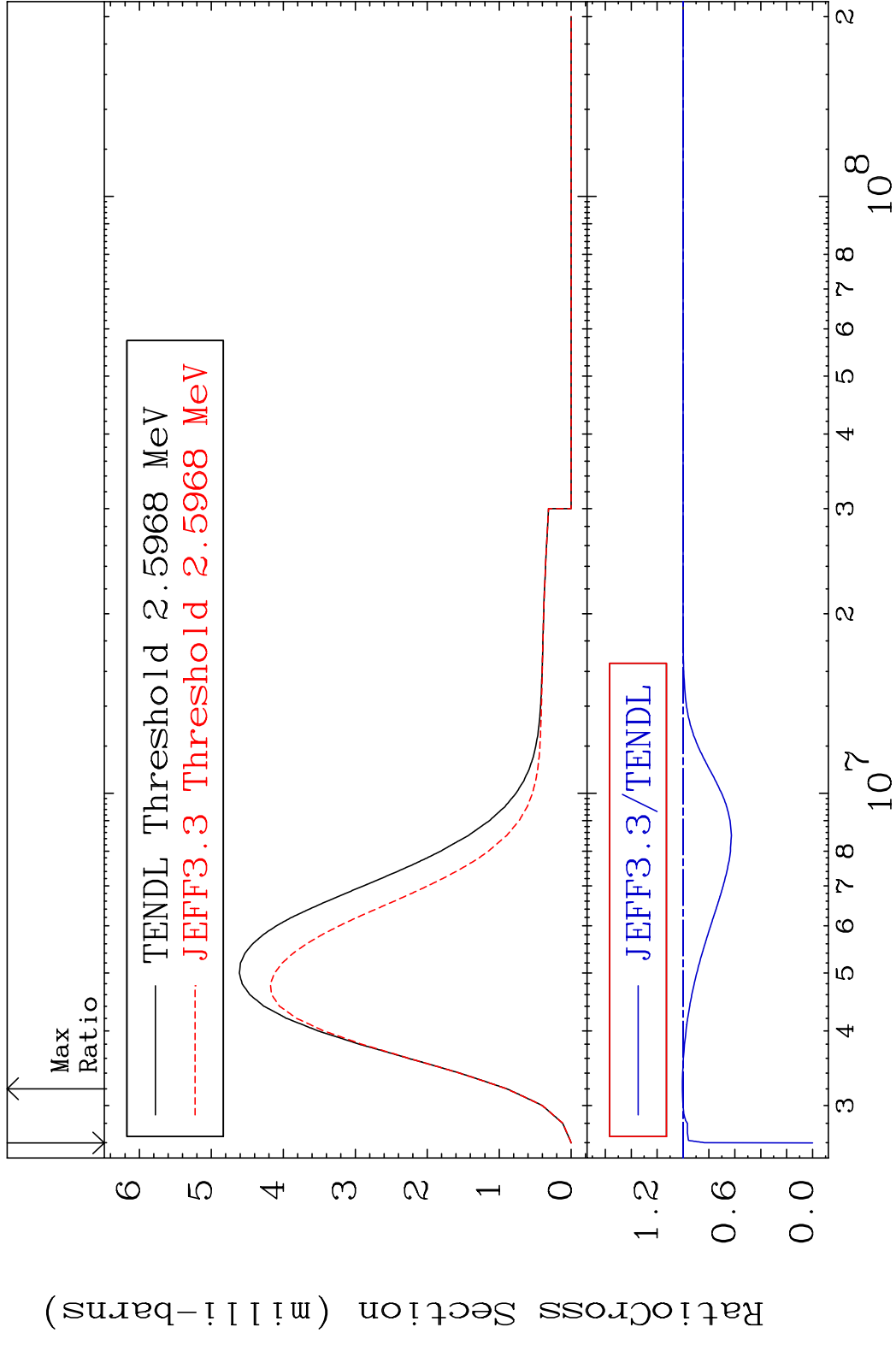
MAT 5261 MT= 65 (n, n') Level 52-Te-132
 Cross Section -96.64 To 3.549 %



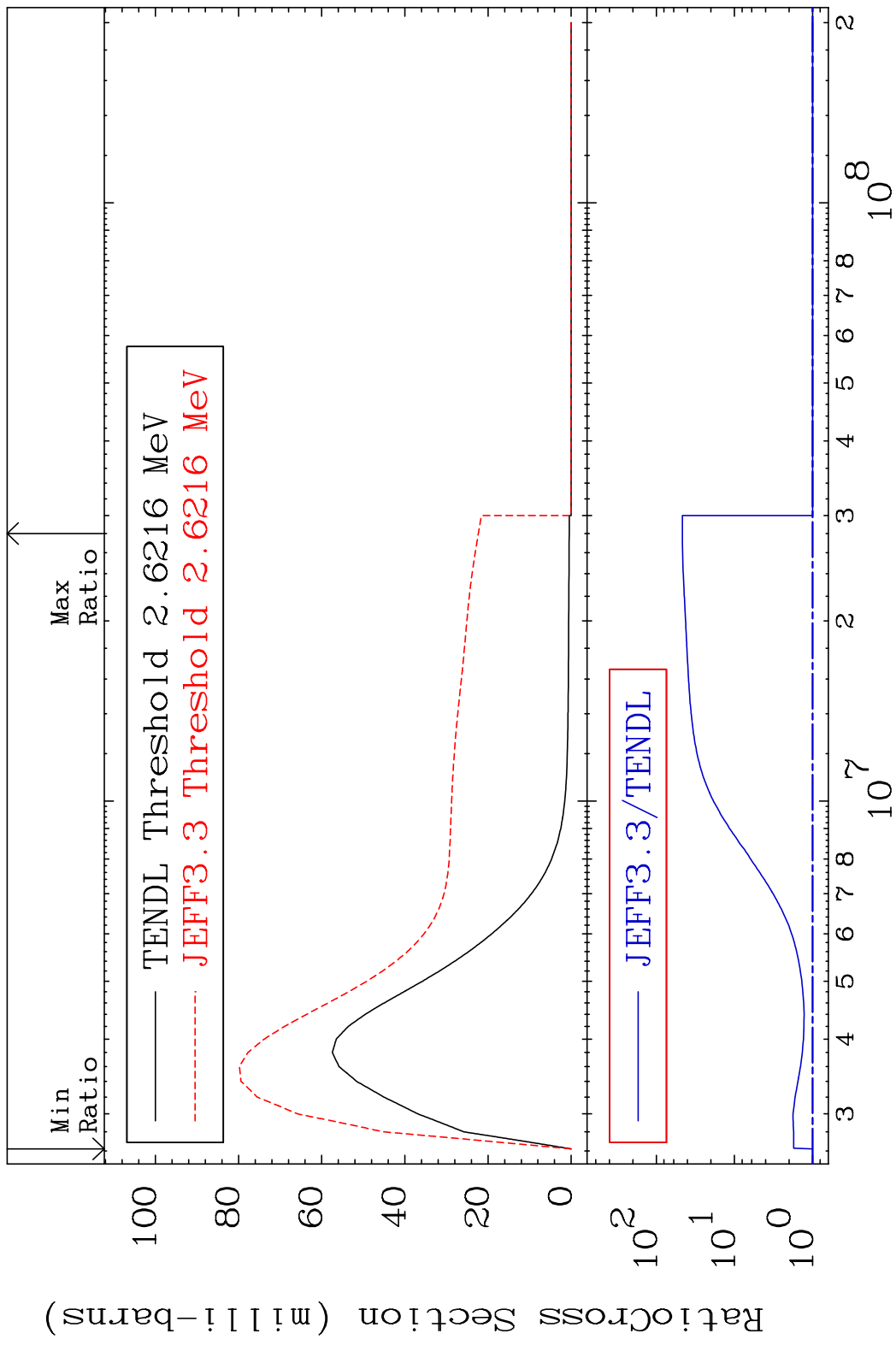
MAT 5261 MT= 66 (n, n') Level 52-Te-132
 Cross Section -100.0 To 287.4 %



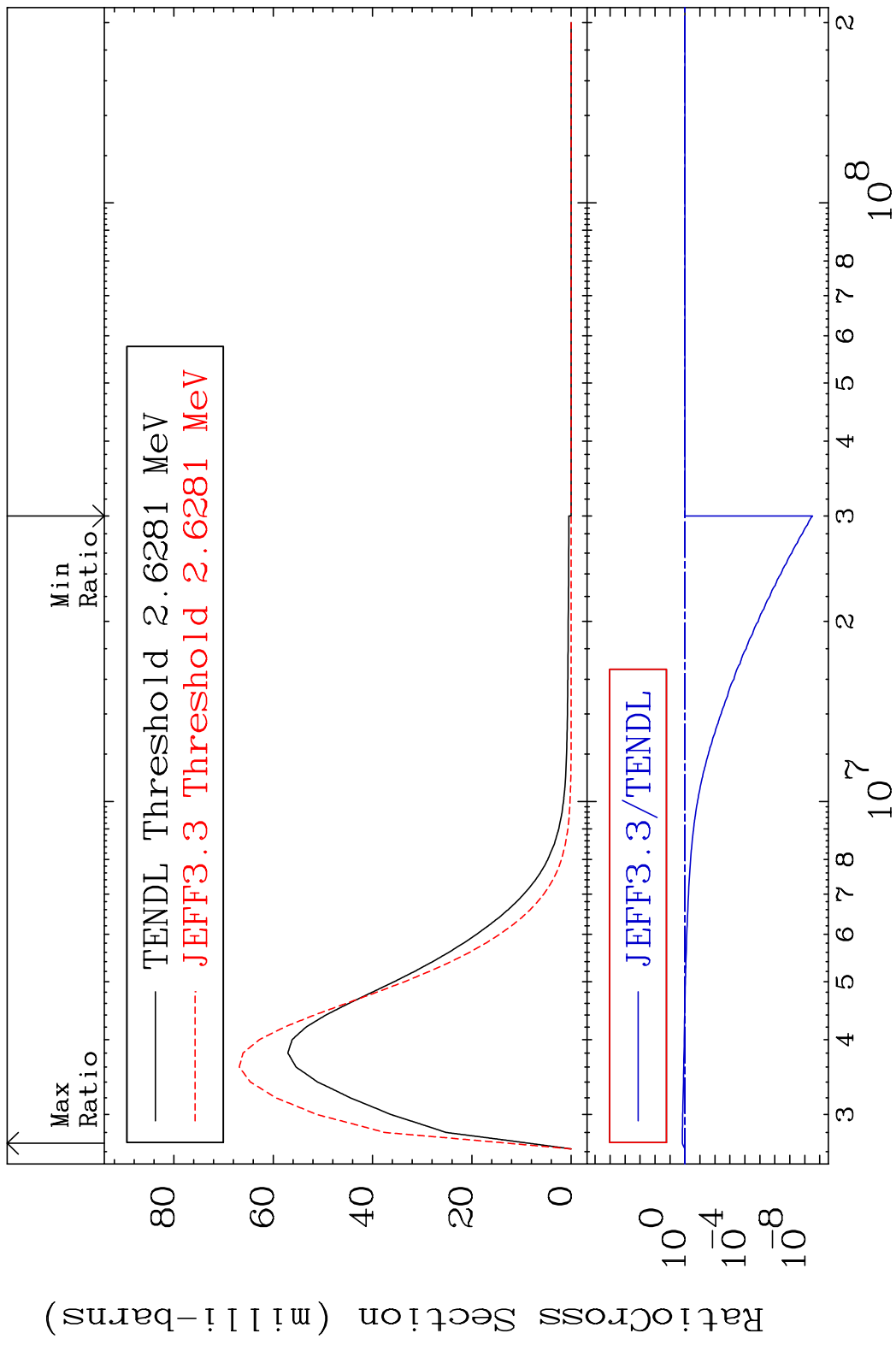
MAT 5261 MT= 67 (n, n') Level 52-Te-132
 Cross Section -100.0 To 0.522 %



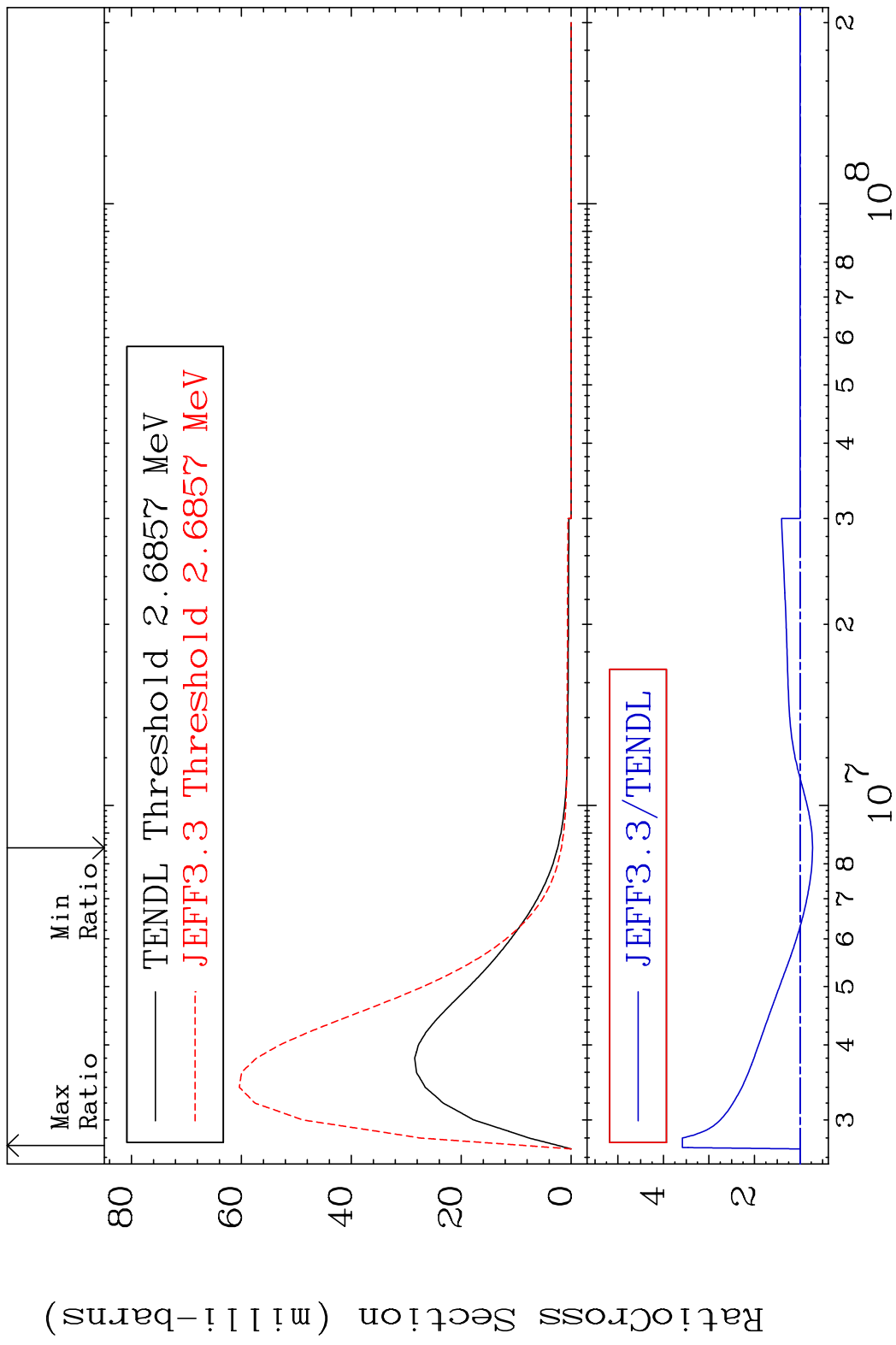
MAT 5261 MT= 68 (n, n') Level 52-Te-132
 Cross Section 0.000 To 4554. %



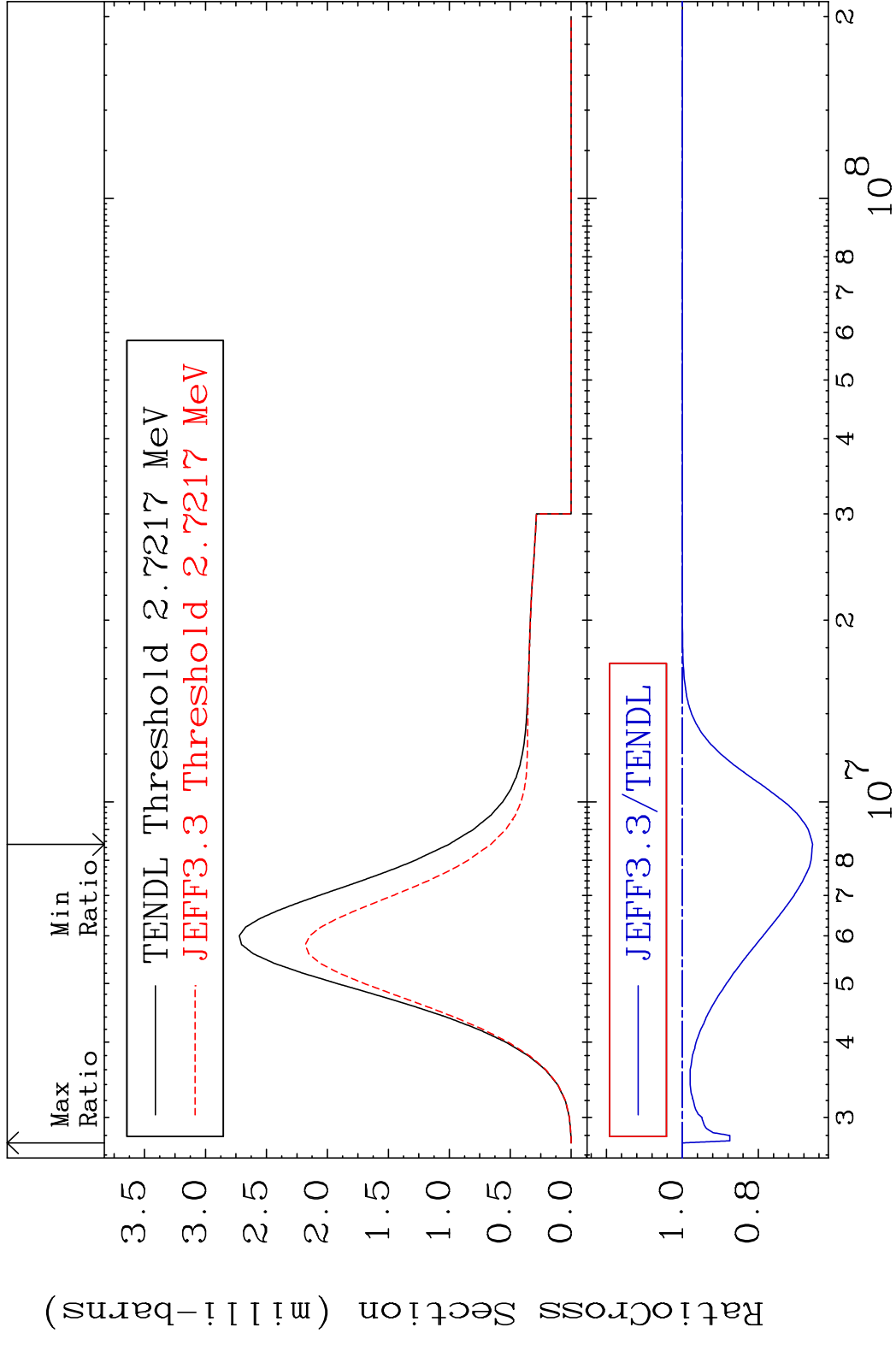
MAT 5261 MT= 69 (n, n') Level 52-Te-132
 Cross Section -100.0 To 48.95 %



MAT 5261 MT= 70 (n,n') Level 52-Te-132
 Cross Section -27.68 To 258.4 %



MAT 5261 MT= 71 (n, n') Level 52-Te-132
 Cross Section -34.28 To 0.000 %

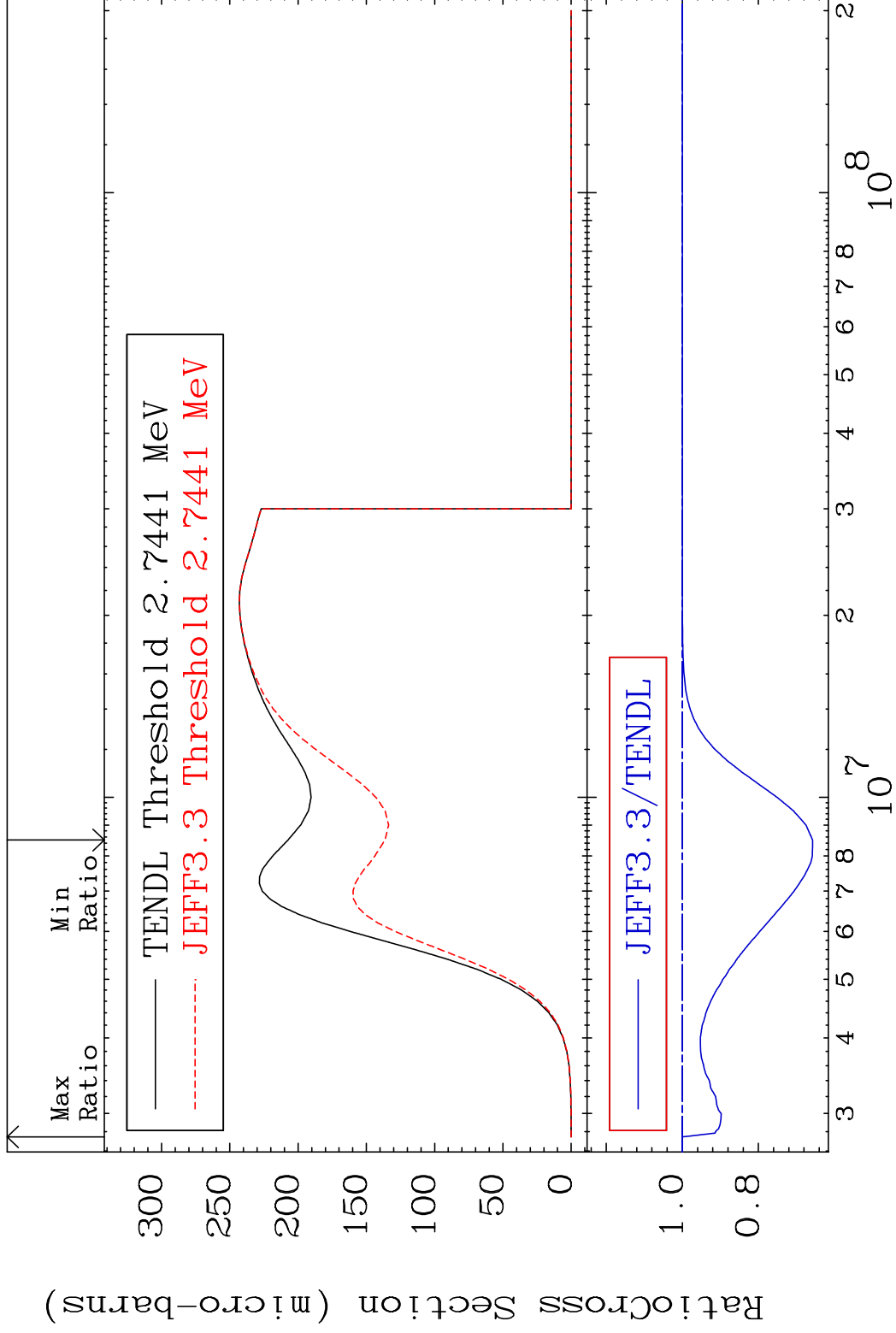


MAT 5261

MT= 72 (n, n') Level

52-Te-132

Cross Section -34.25 To 0.000 %

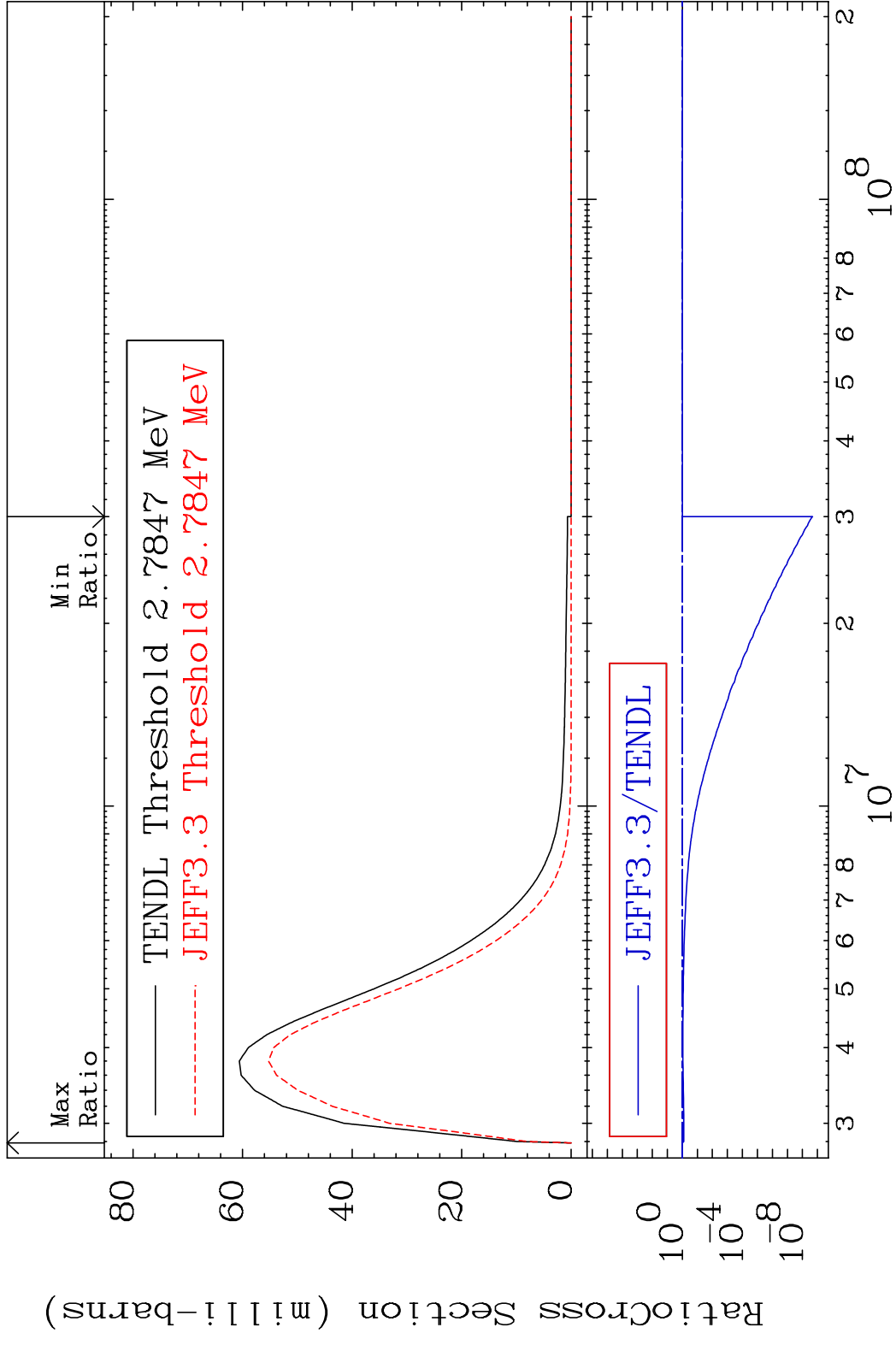


39

Incident Energy (eV)

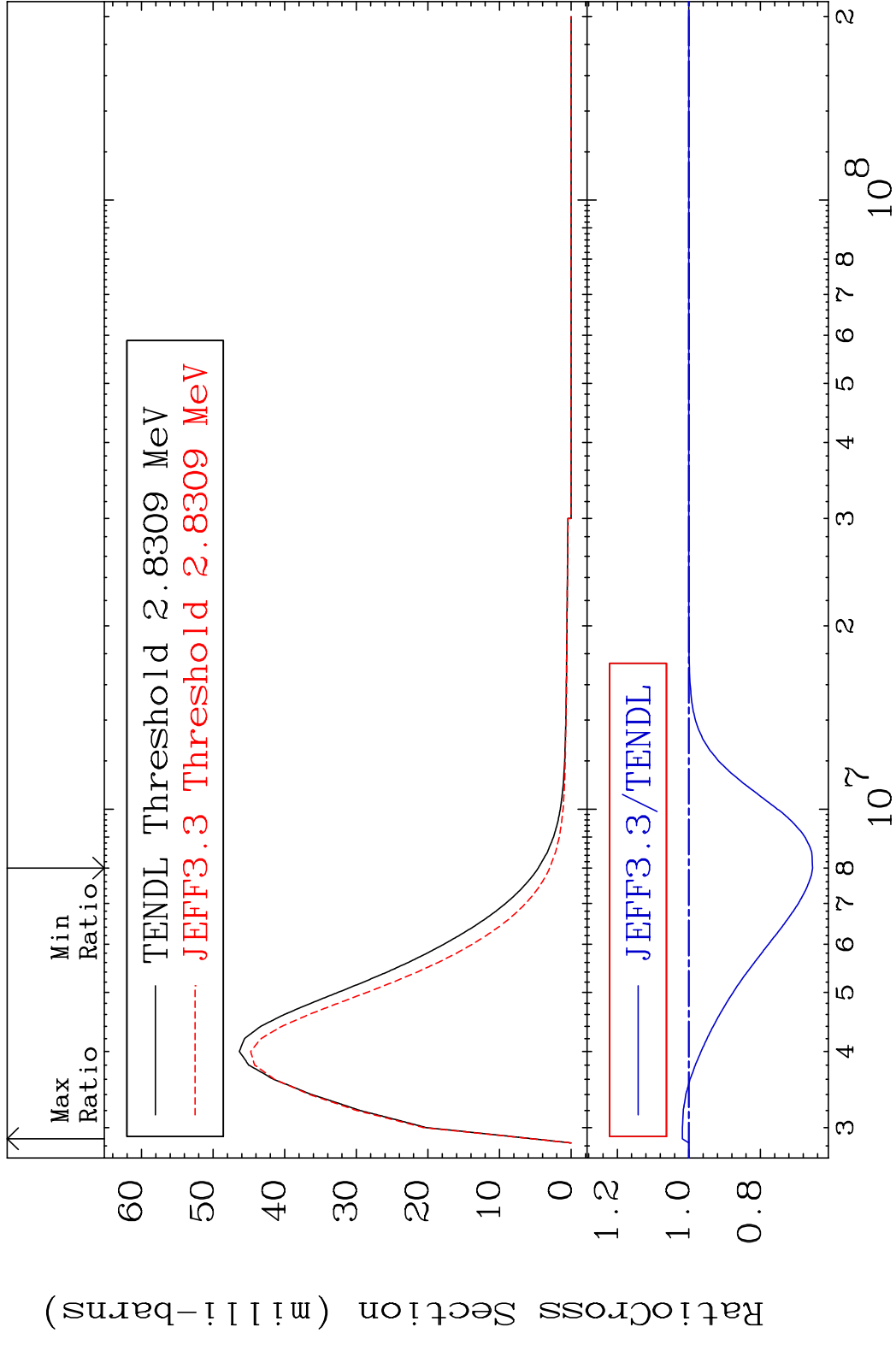
52-Te-132

MAT 5261 MT= 73 (n, n') Level 52-Te-132
 Cross Section -100.0 To 0.000 %

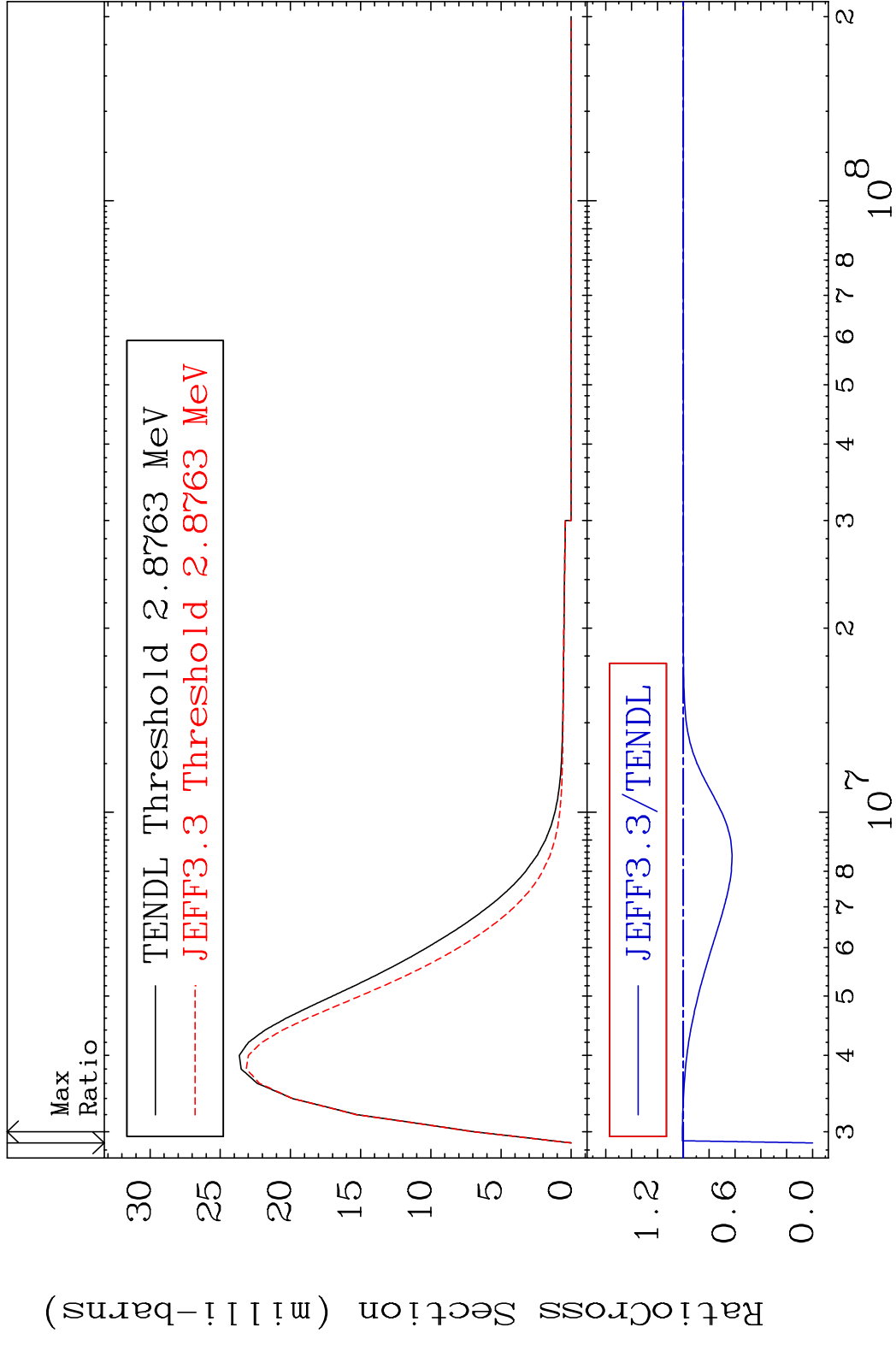


40 Incident Energy (eV) 52-Te-132

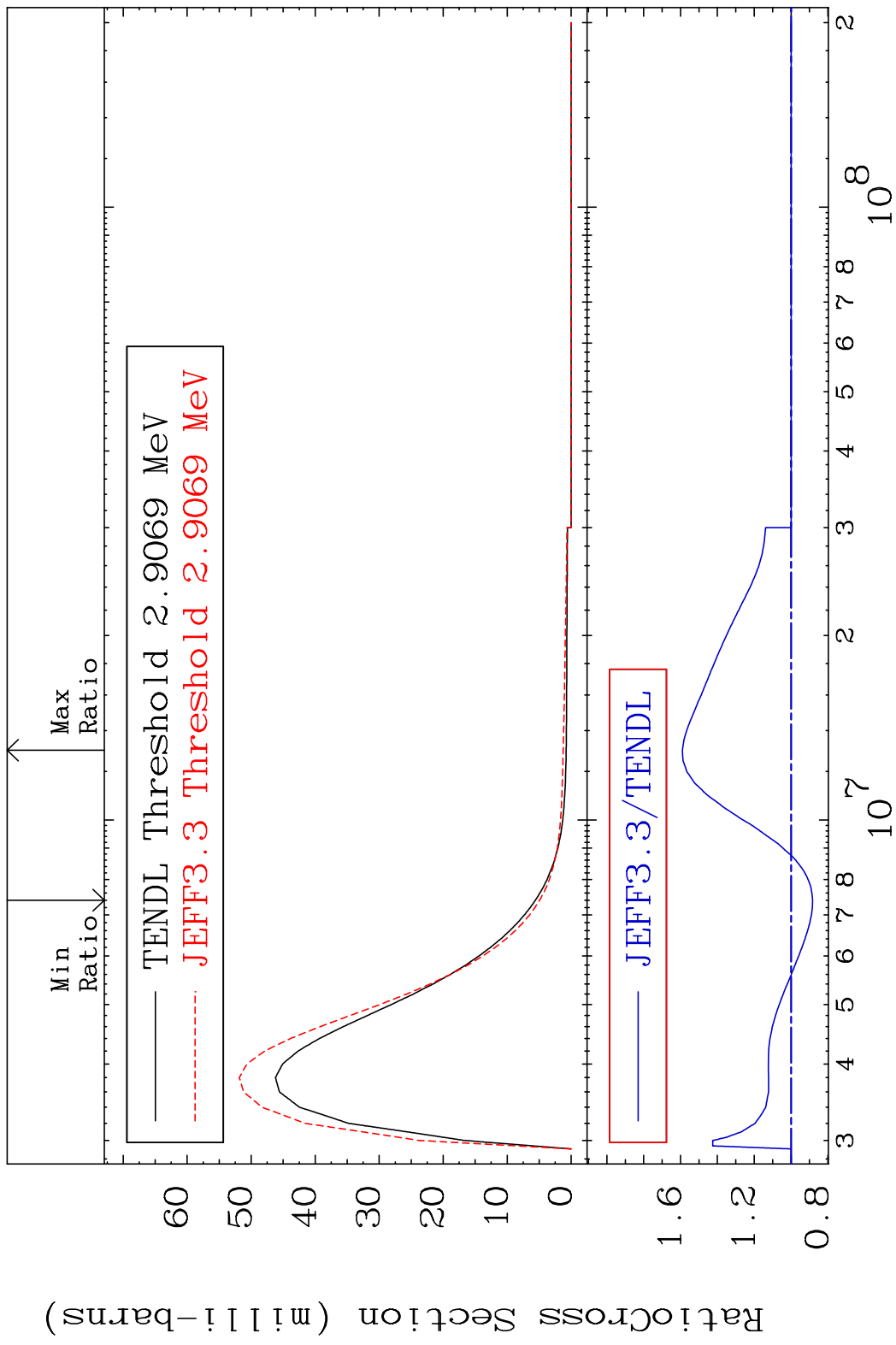
MAT 5261 MT= 74 (n,n') Level 52-Te-132
 Cross Section -34.59 To 1.815 %



MAT 5261 MT= 75 (n,n') Level 52-Te-132
 Cross Section -100.0 To 0.733 %



MAT 5261 MT= 76 (n,n') Level 52-Te-132
 Cross Section -11.66 To 59.02 %

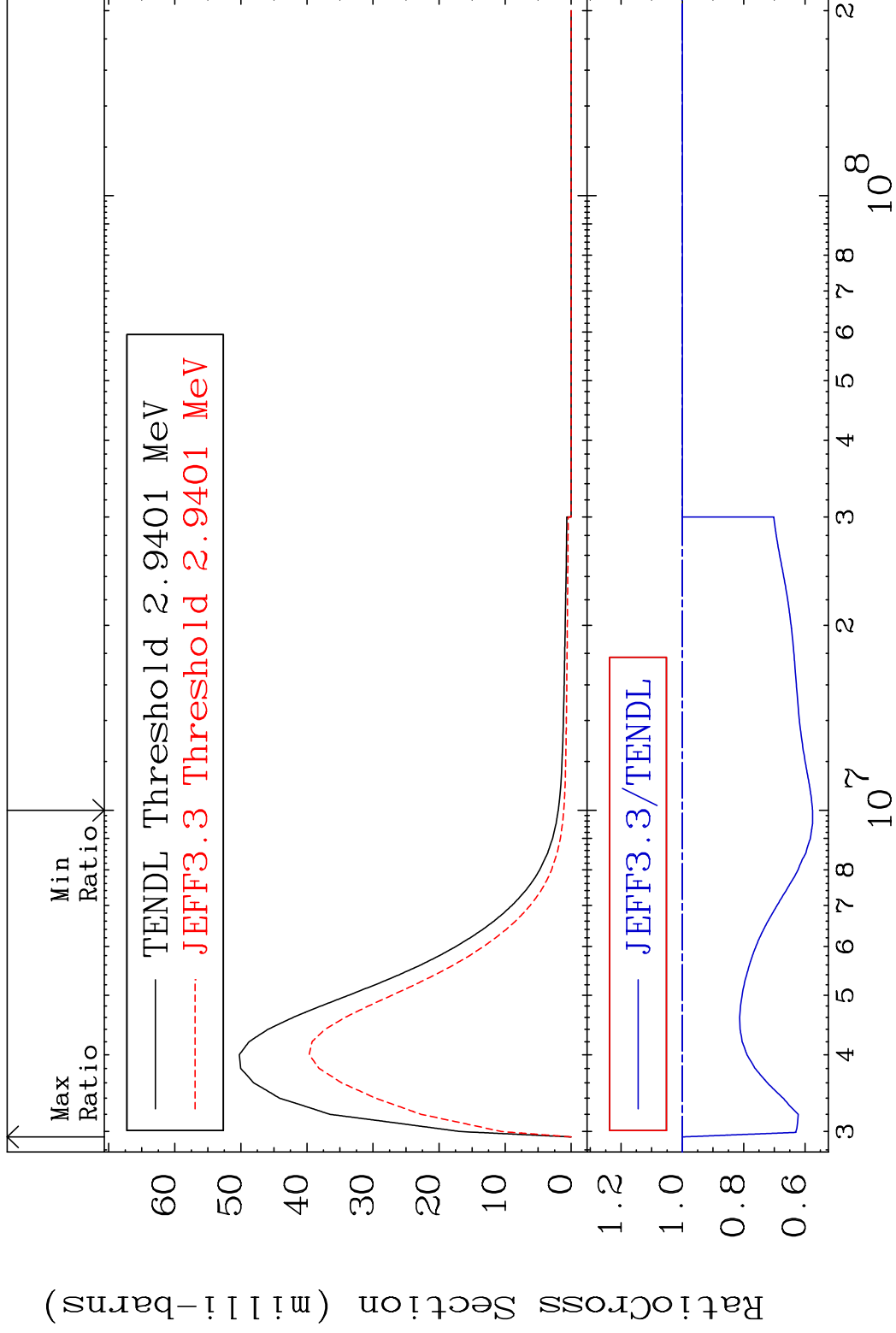


MAT 5261

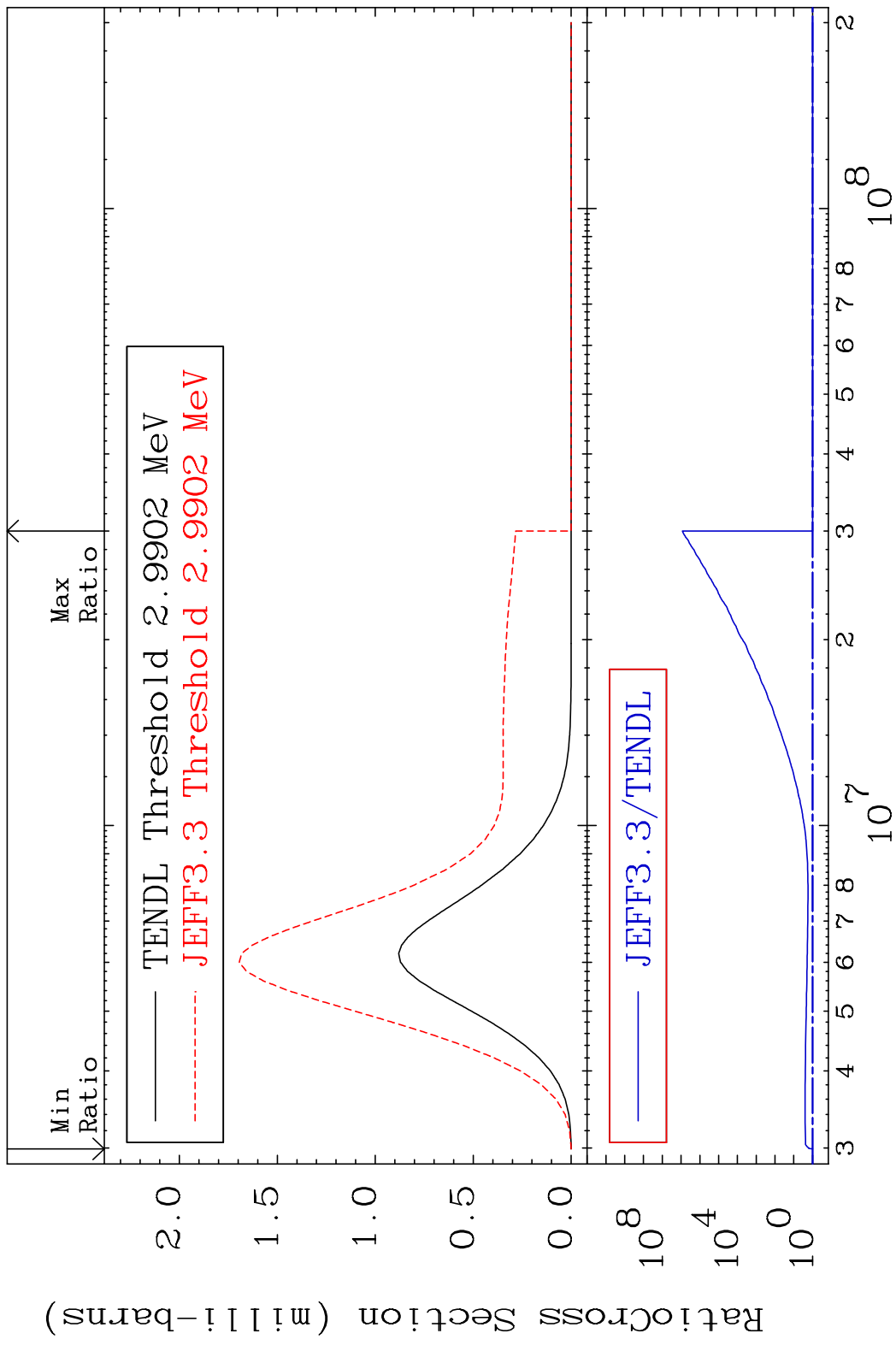
MT= 77 (n, n') Level

52-Te-132

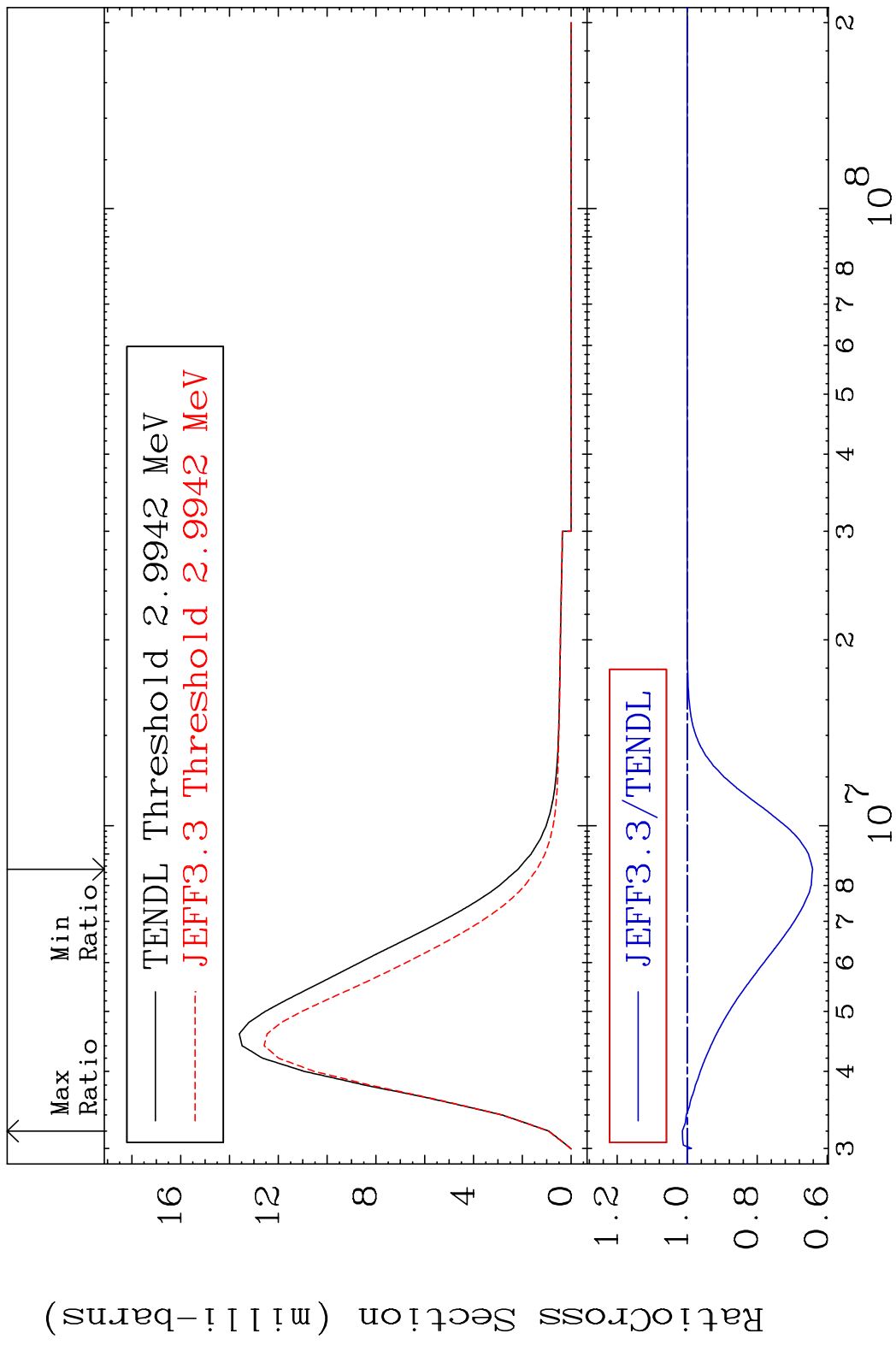
Cross Section -42.44 To 0.000 %



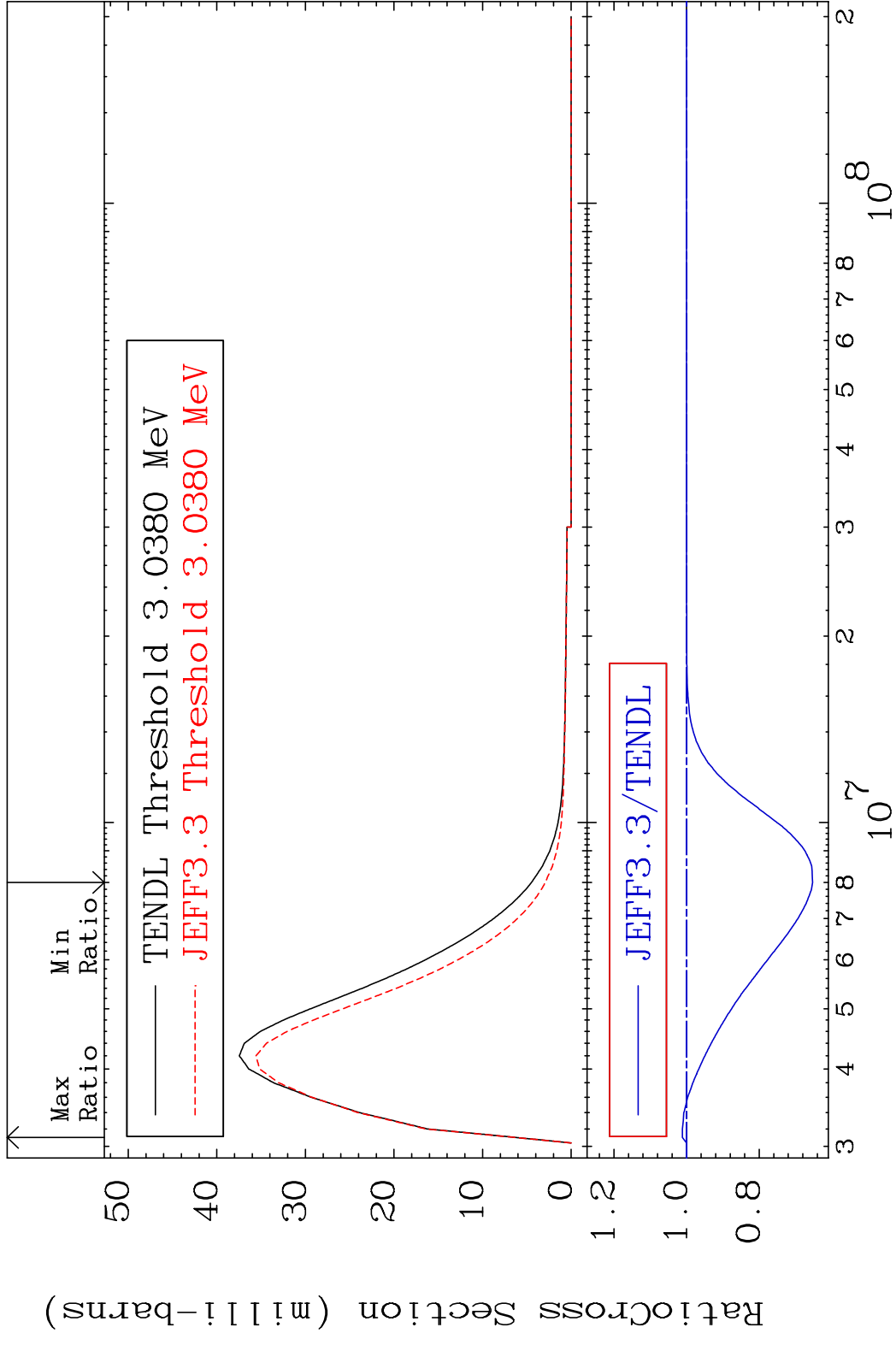
MAT 5261 MT= 78 (n, n') Level 52-Te-132
 Cross Section 0.000 To 9999. %



MAT 5261 MT= 79 (n,n') Level 52-Te-132
 Cross Section -35.80 To 1.398 %



MAT 5261 MT= 80 (n,n') Level 52-Te-132
 Cross Section -34.68 To 1.169 %



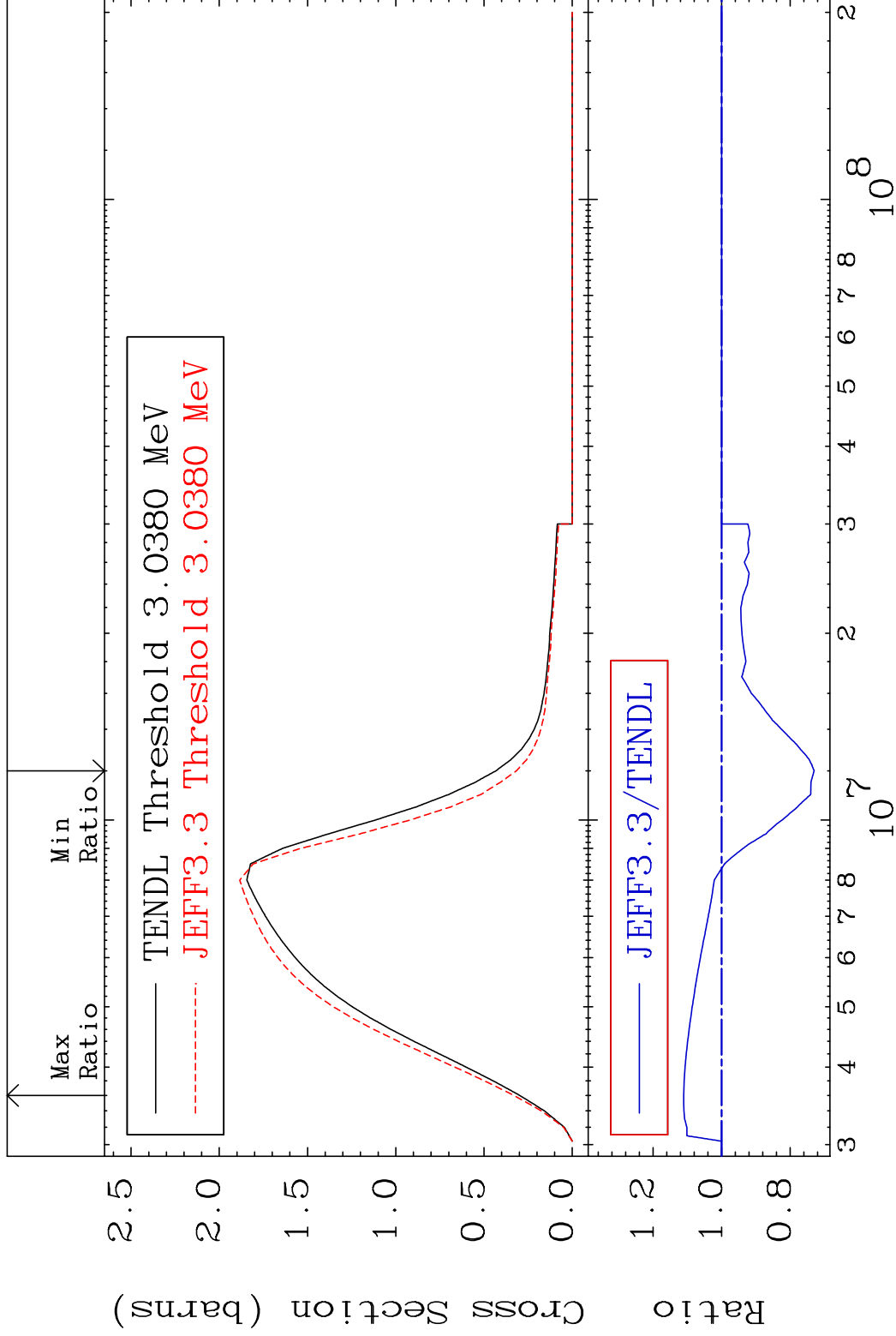
MAT 5261

(n, n') Continuum

52-Te-132

Cross Section

-26.97 To 11.10 %



48

Incident Energy (eV)

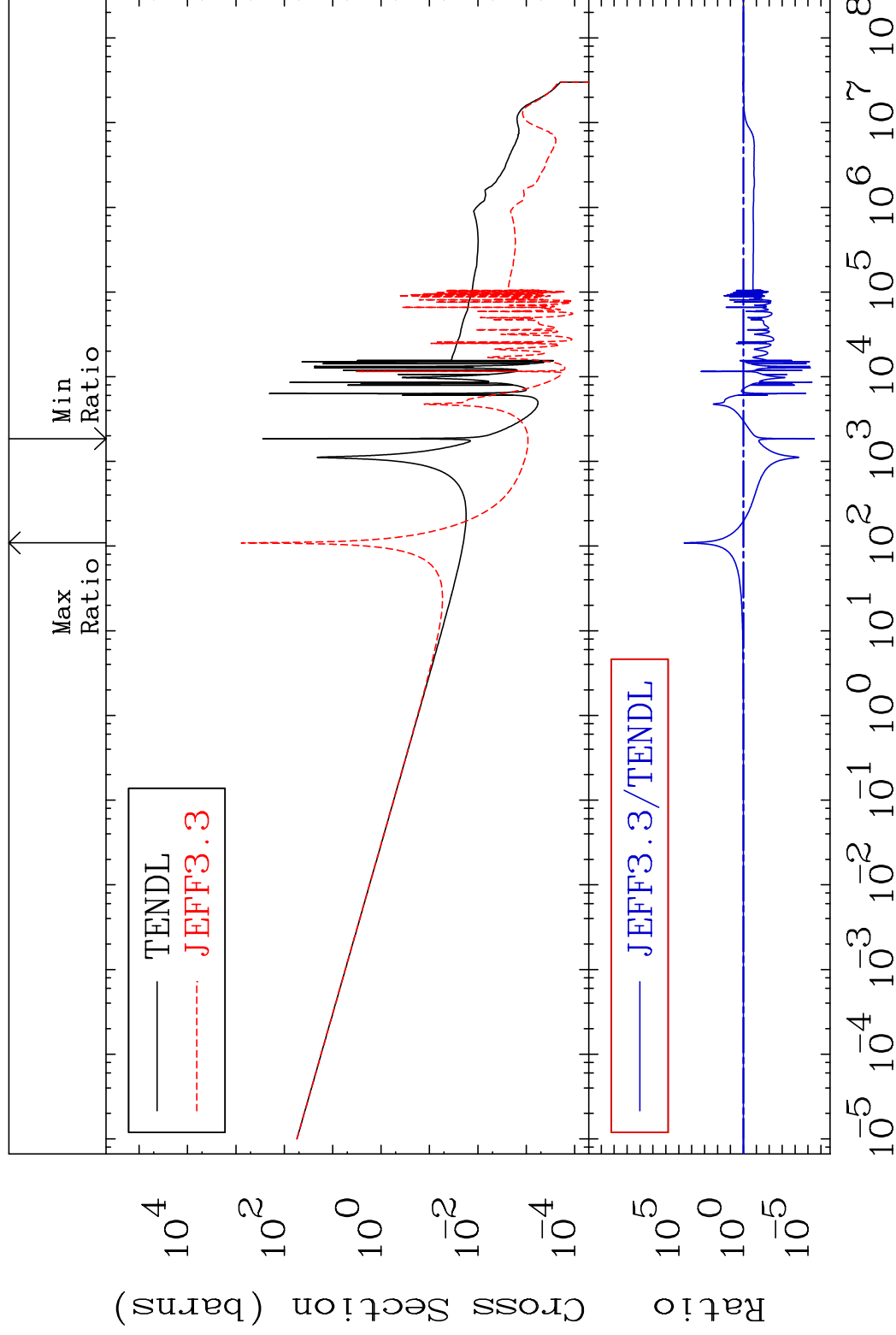
52-Te-132

MAT 5261

(n, γ)

52-Te-132

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

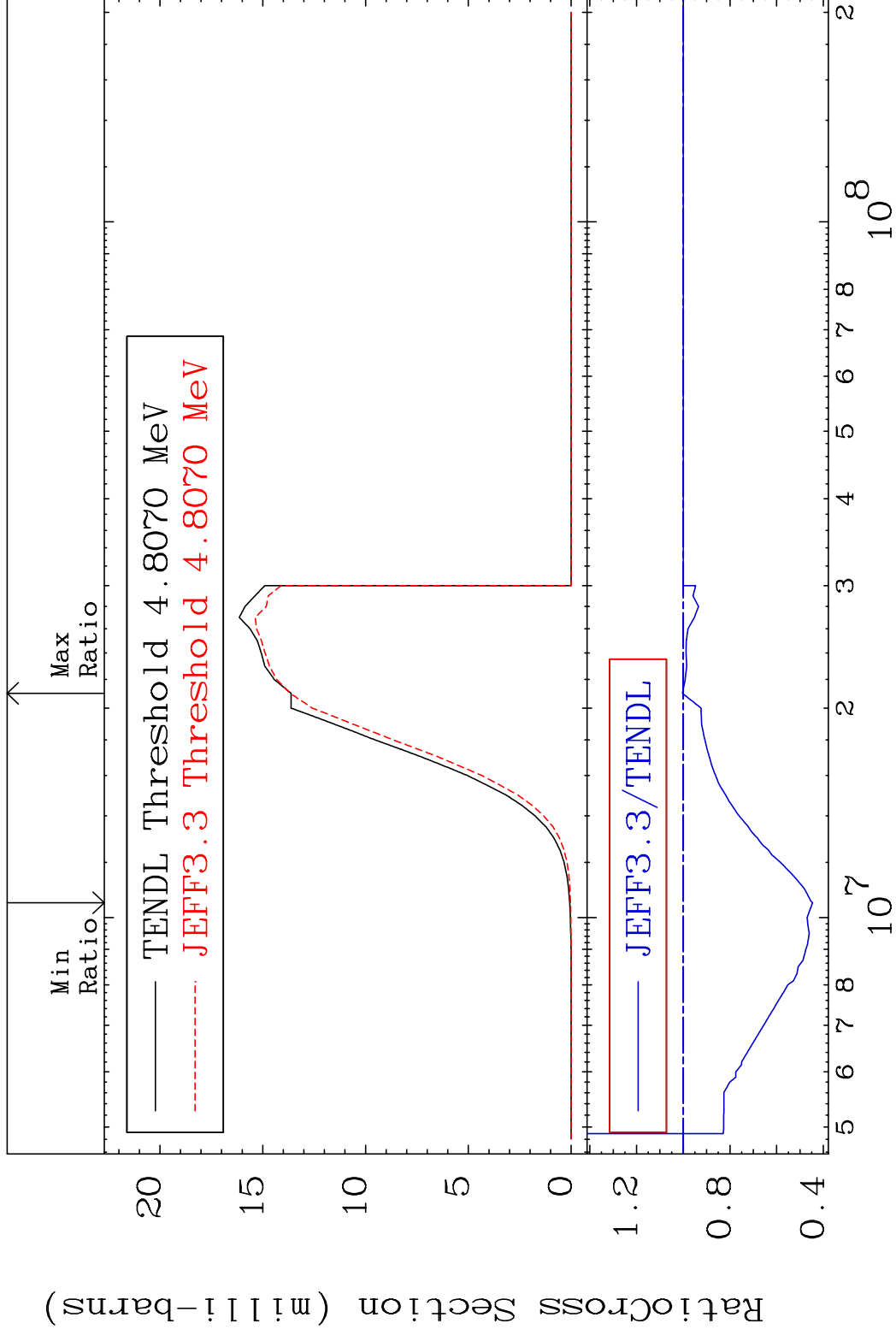
52-Te-132

MAT 5261

(n, p)

52-Te-132

Cross Section -55.37 To 0.384 %



50

Incident Energy (eV)

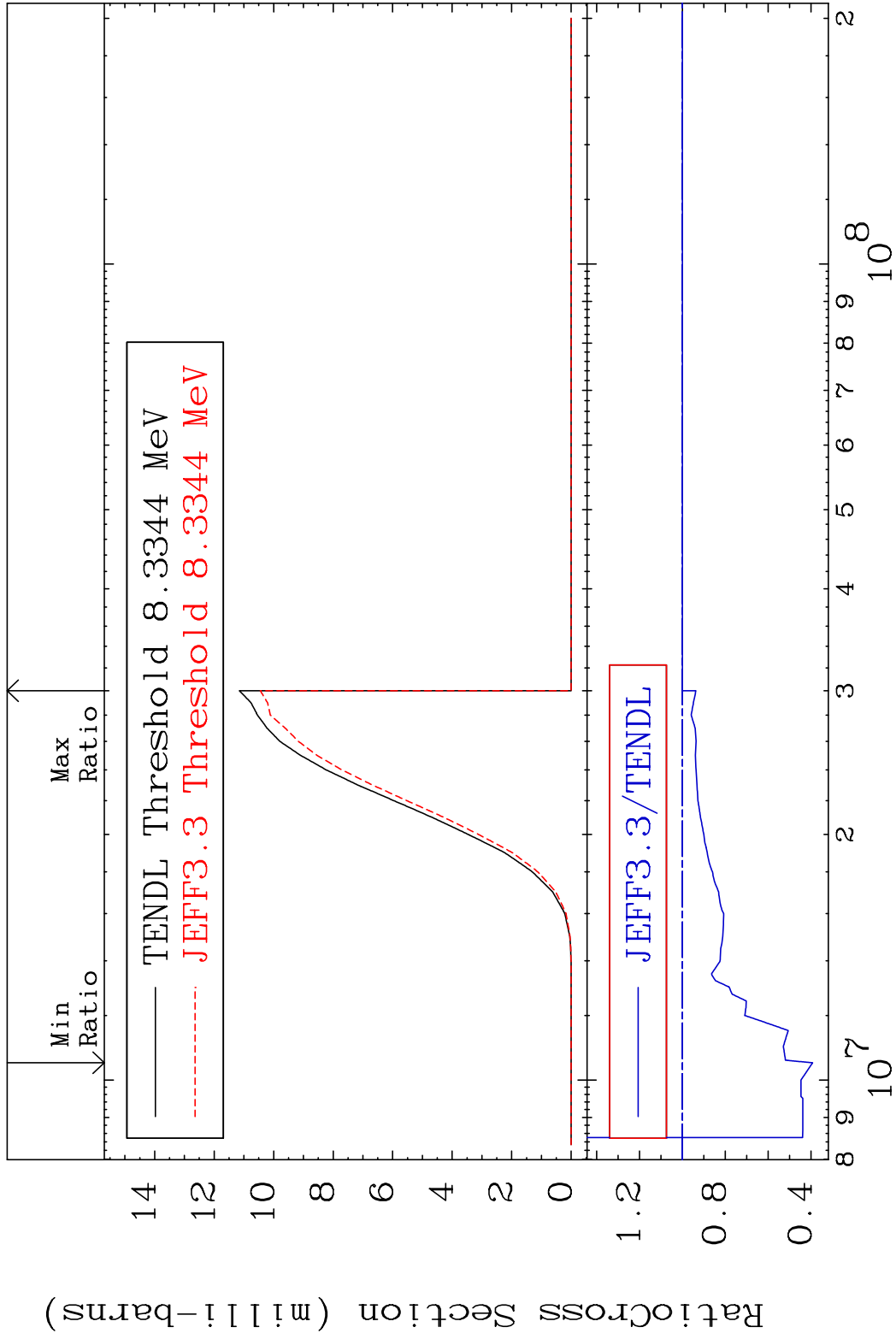
52-Te-132

MAT 5261

(n, d)

52-Te-132

Cross Section -60.74 To 0.000 %



51

Incident Energy (eV)

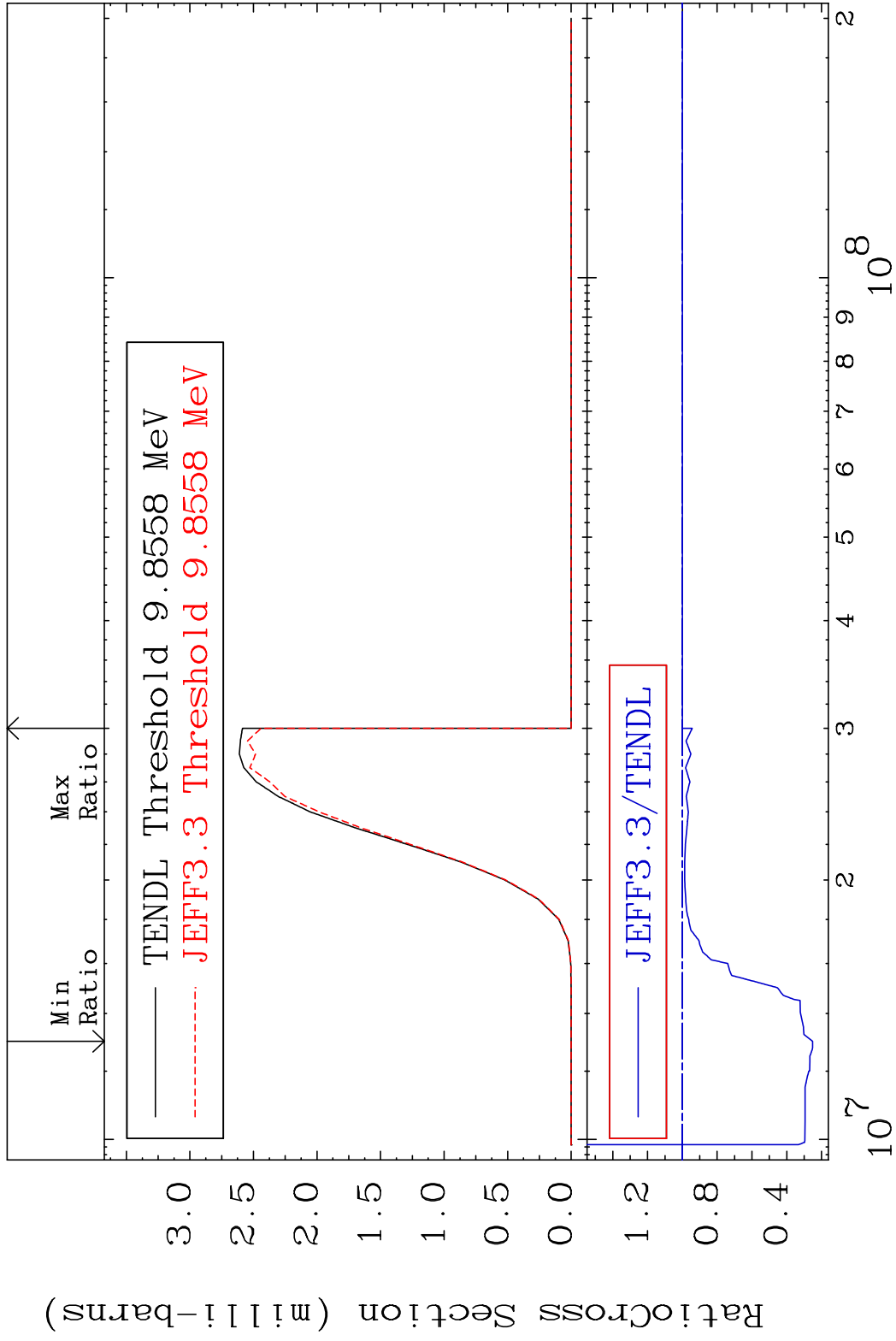
52-Te-132

MAT 5261

(n, t)

52-Te-132

Cross Section -74.83 To 0.000 %



52

Incident Energy (eV)

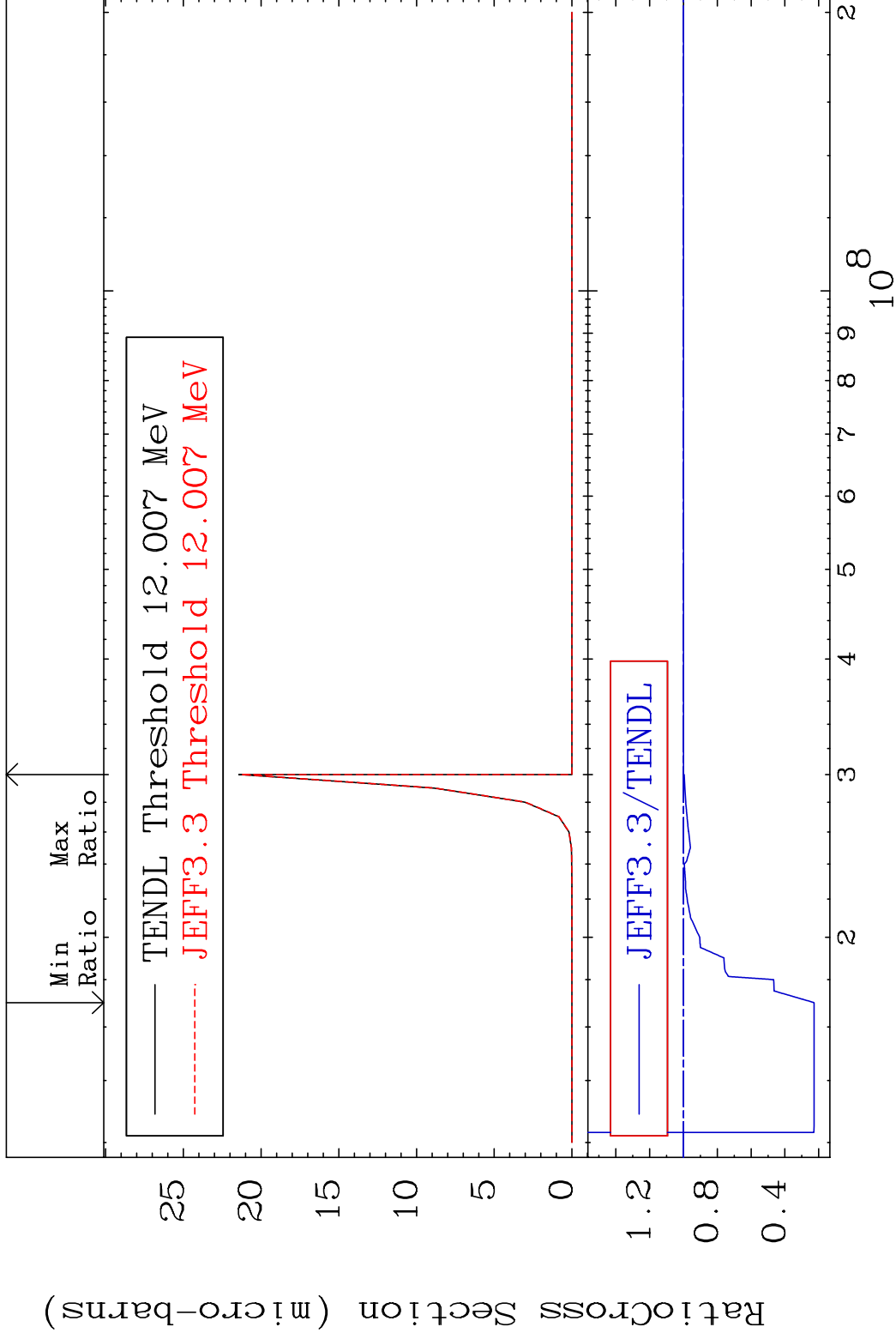
52-Te-132

MAT 5261

(n, He-3)

52-Te-132

Cross Section -77.22 To 0.000 %



53

Incident Energy (eV)

52-Te-132

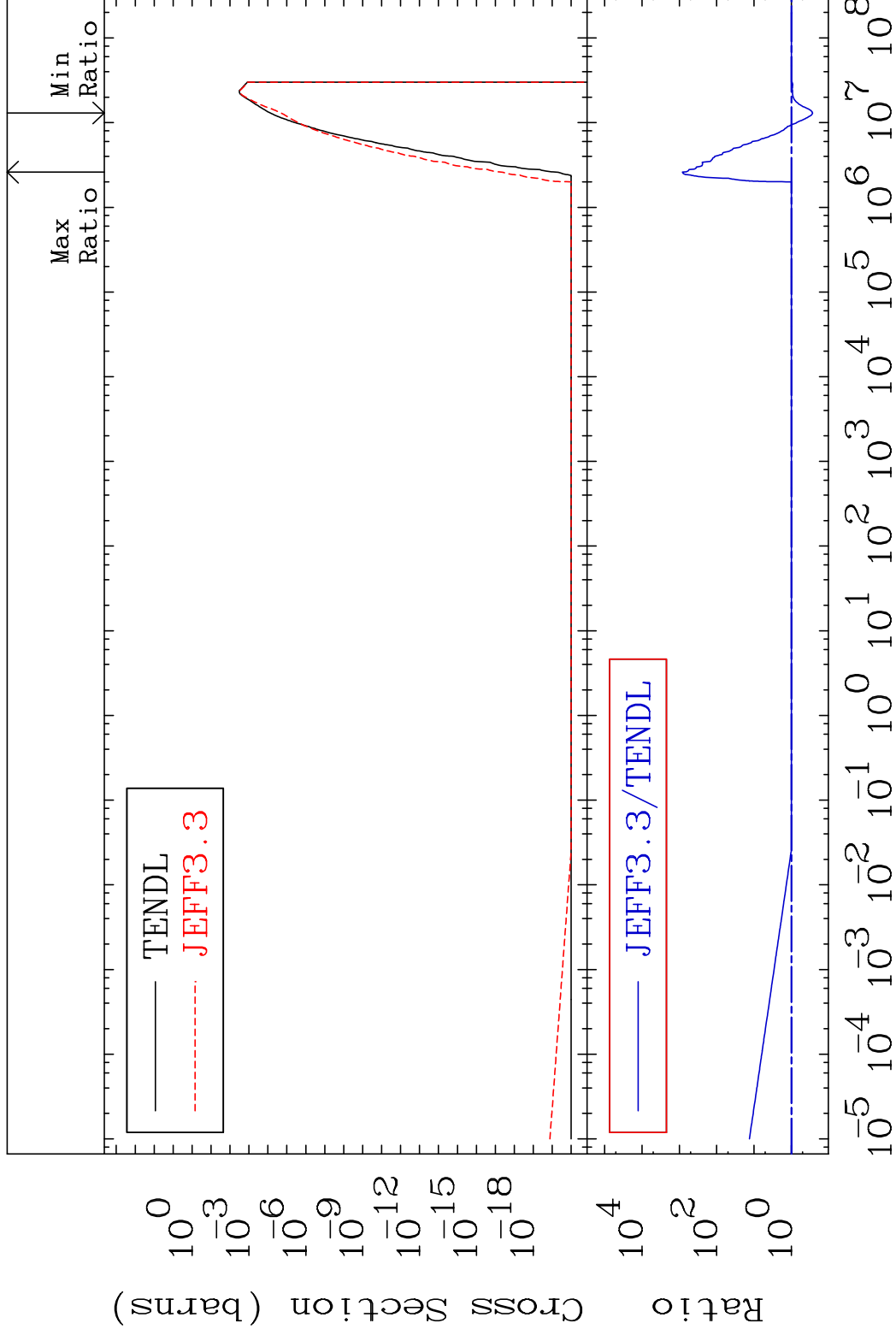
MAT 5261

(n, α)

52-Te-132

Cross Section

-73.03 To 9999. %



54

Incident Energy (eV)

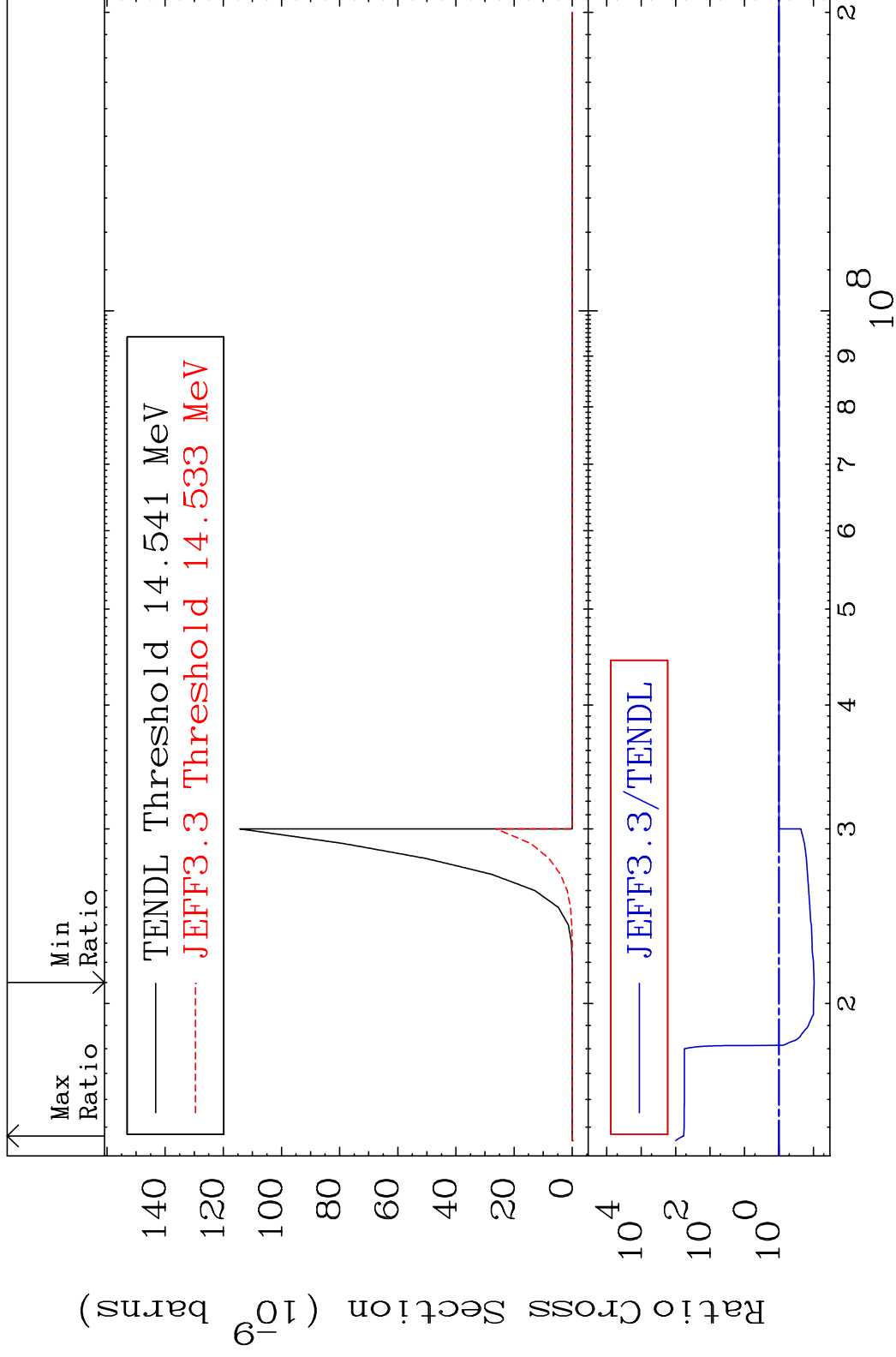
52-Te-132

MAT 5261

(n,2p)

52-Te-132

Cross Section -90.48 To 9999. %



55

Incident Energy (eV)

52-Te-132

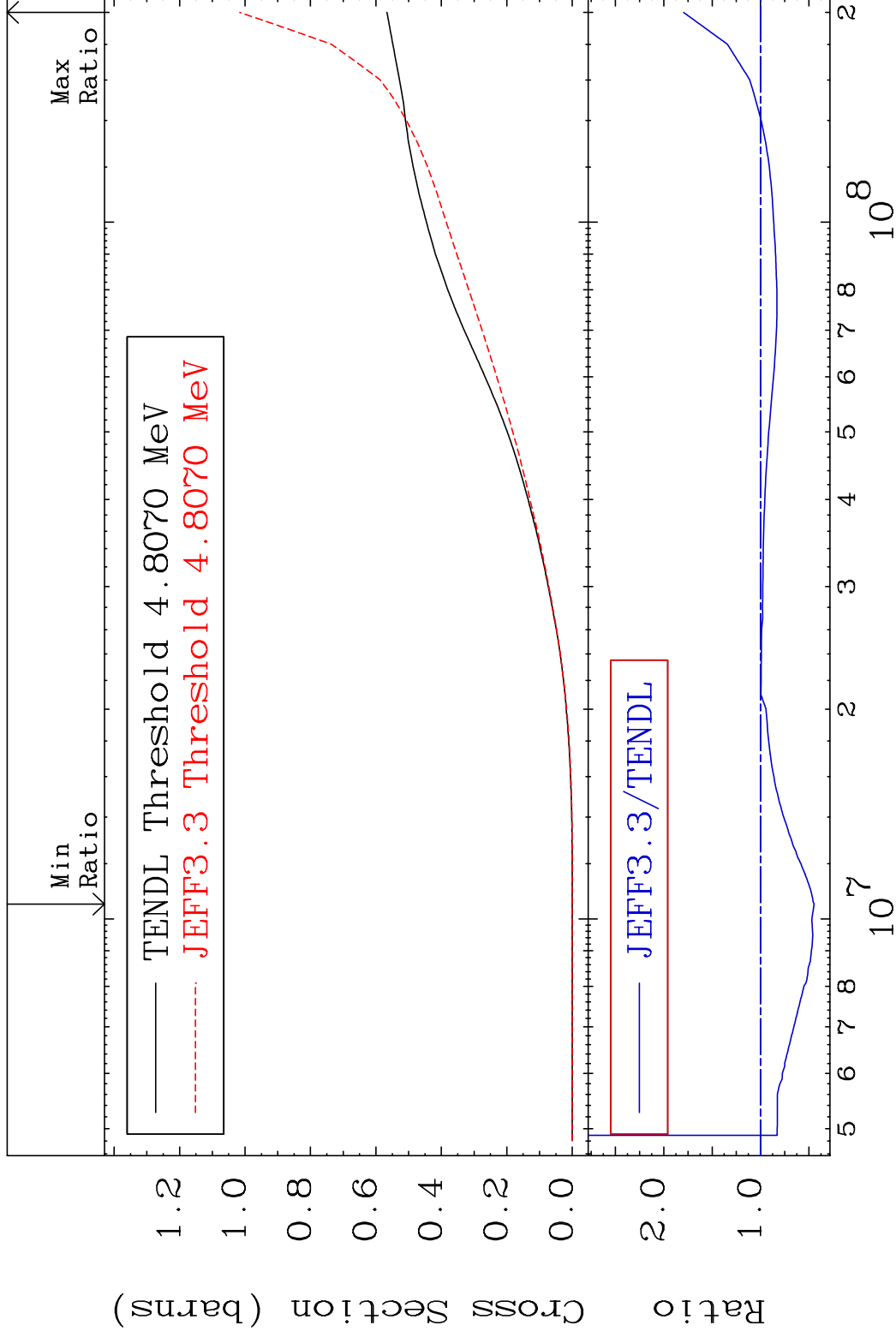
MAT 5261

Hydrogen Production

52-Te-132

Cross Section

-55.37 To 79.45 %



56

Incident Energy (eV)

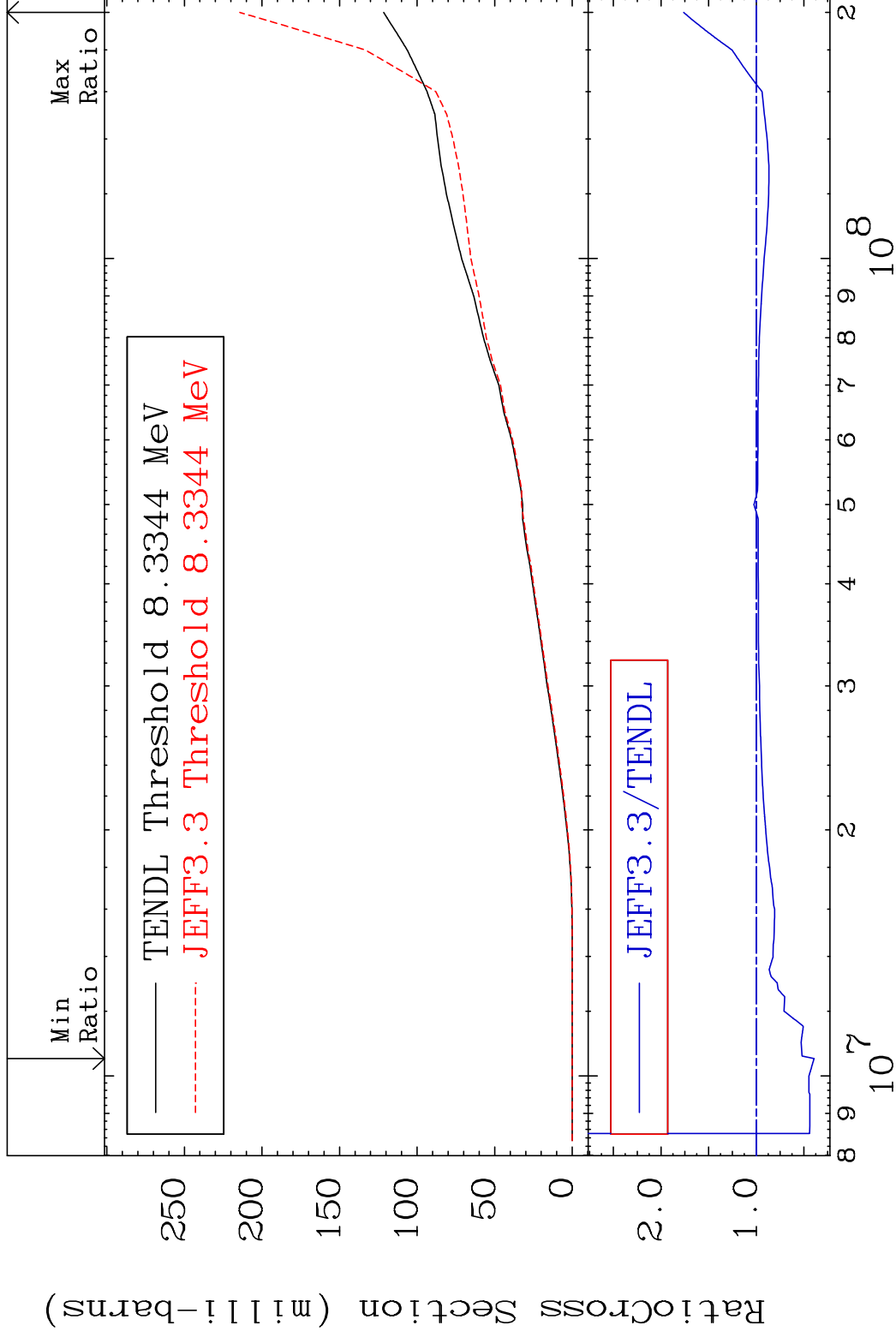
52-Te-132

MAT 5261

Deuterium Production

52-Te-132

Cross Section -60.74 To 76.23 %



57

Incident Energy (eV)

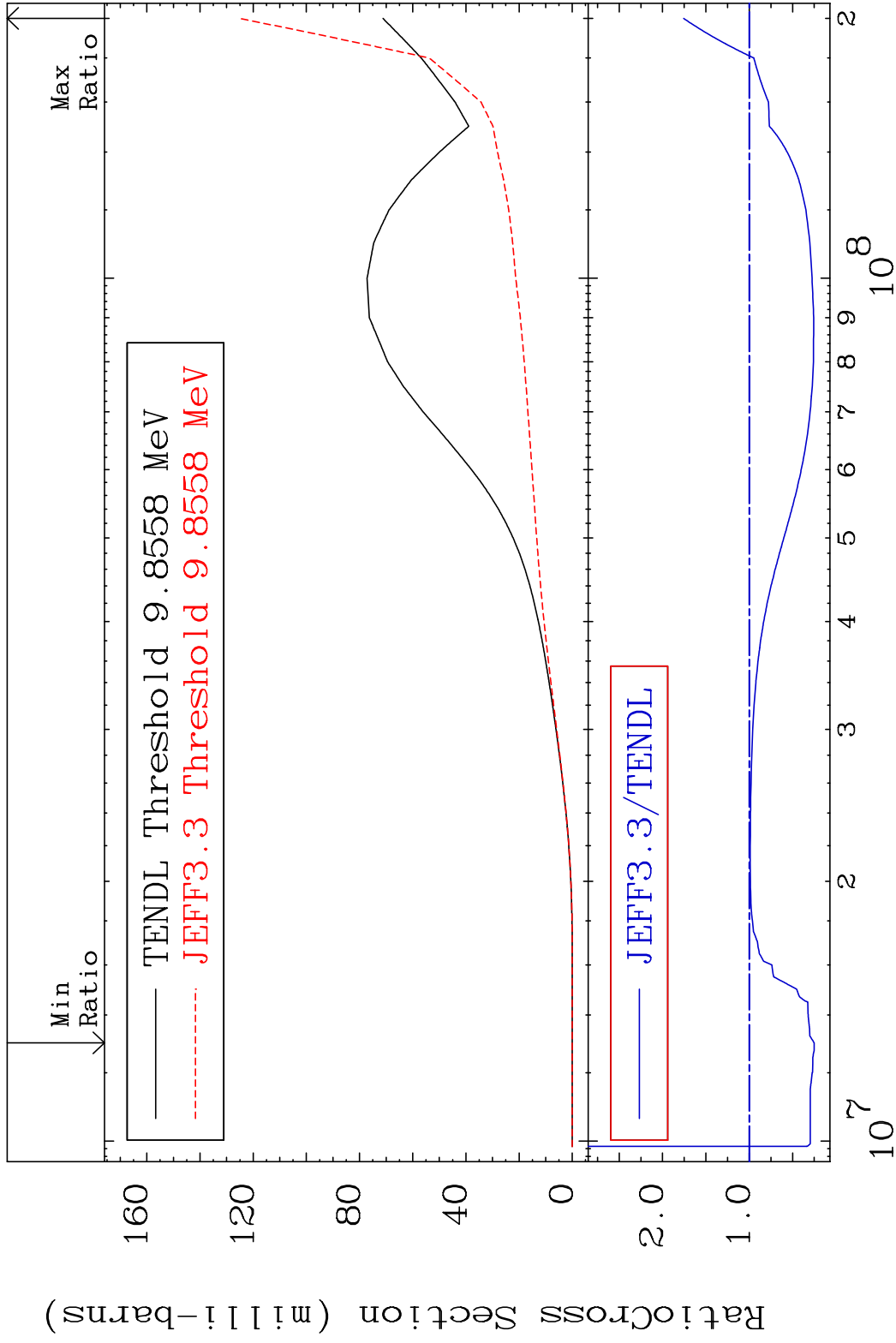
52-Te-132

MAT 5261

Tritium Production

52-Te-132

Cross Section -74.83 To 75.64 %



58

Incident Energy (eV)

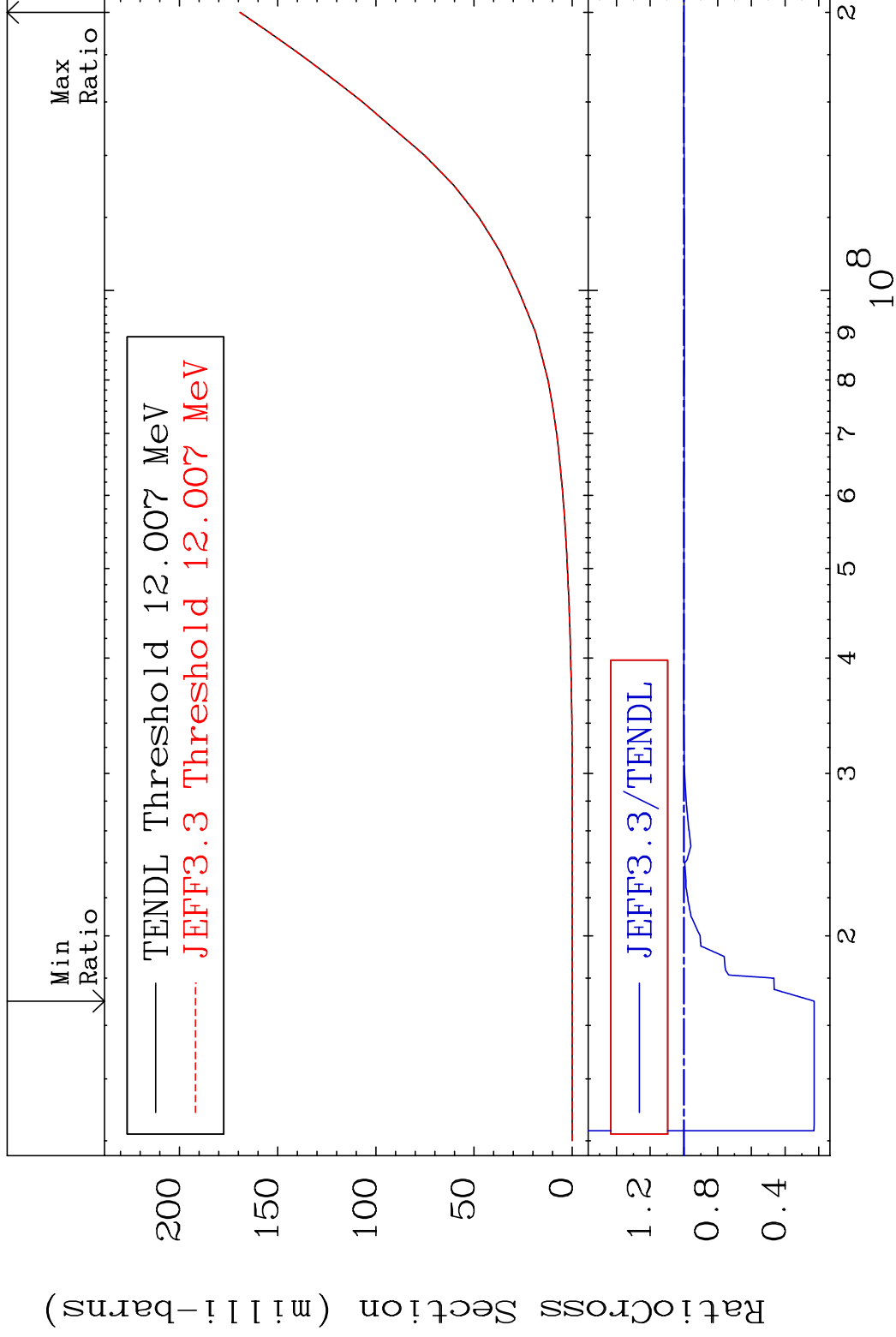
52-Te-132

MAT 5261

He-3 Production

52-Te-132

Cross Section -77.22 To 0.149 %



59

Incident Energy (eV)

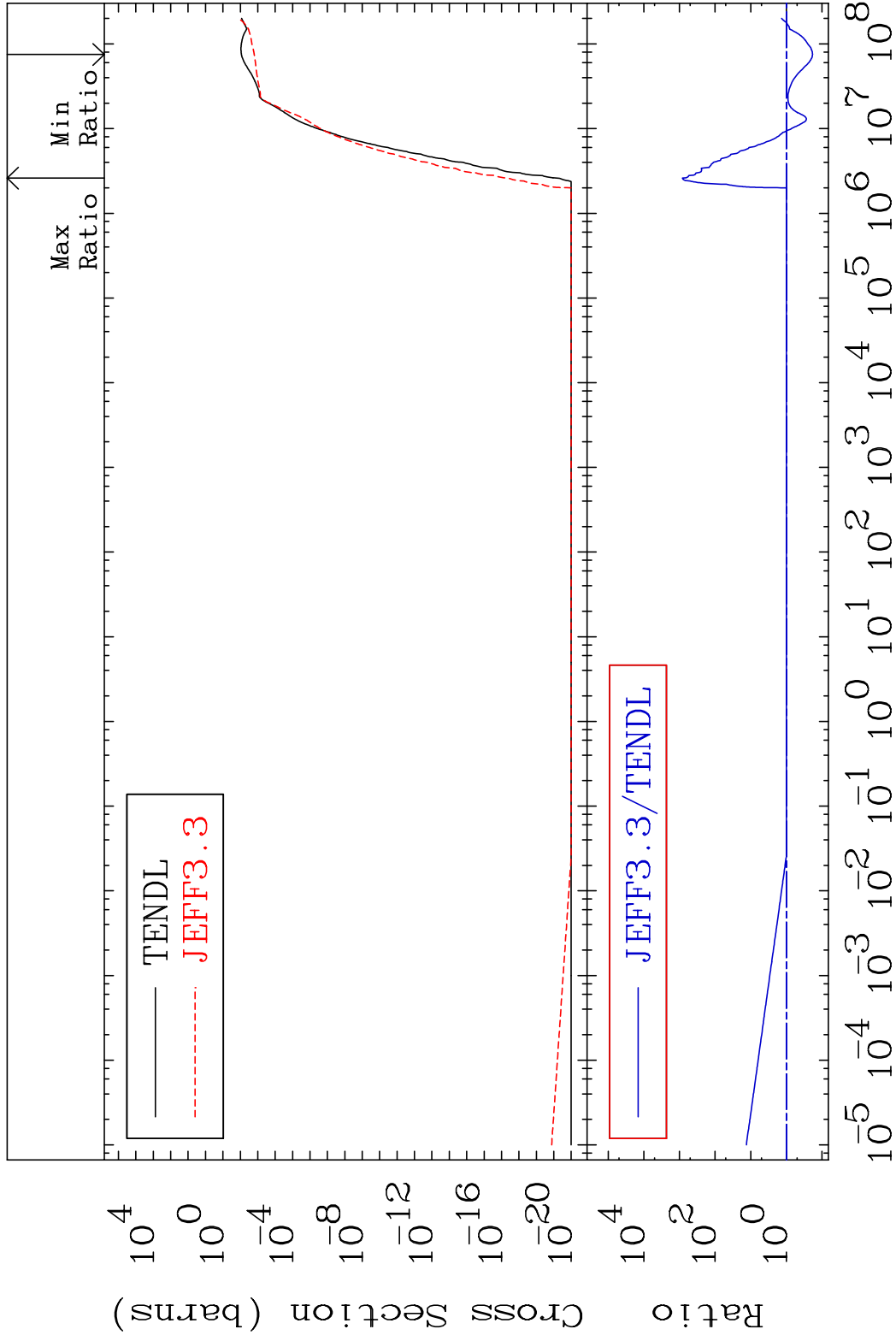
52-Te-132

MAT 5261

He-4 Production

52-Te-132

Cross Section -81.67 To 9999. %



60

Incident Energy (eV)

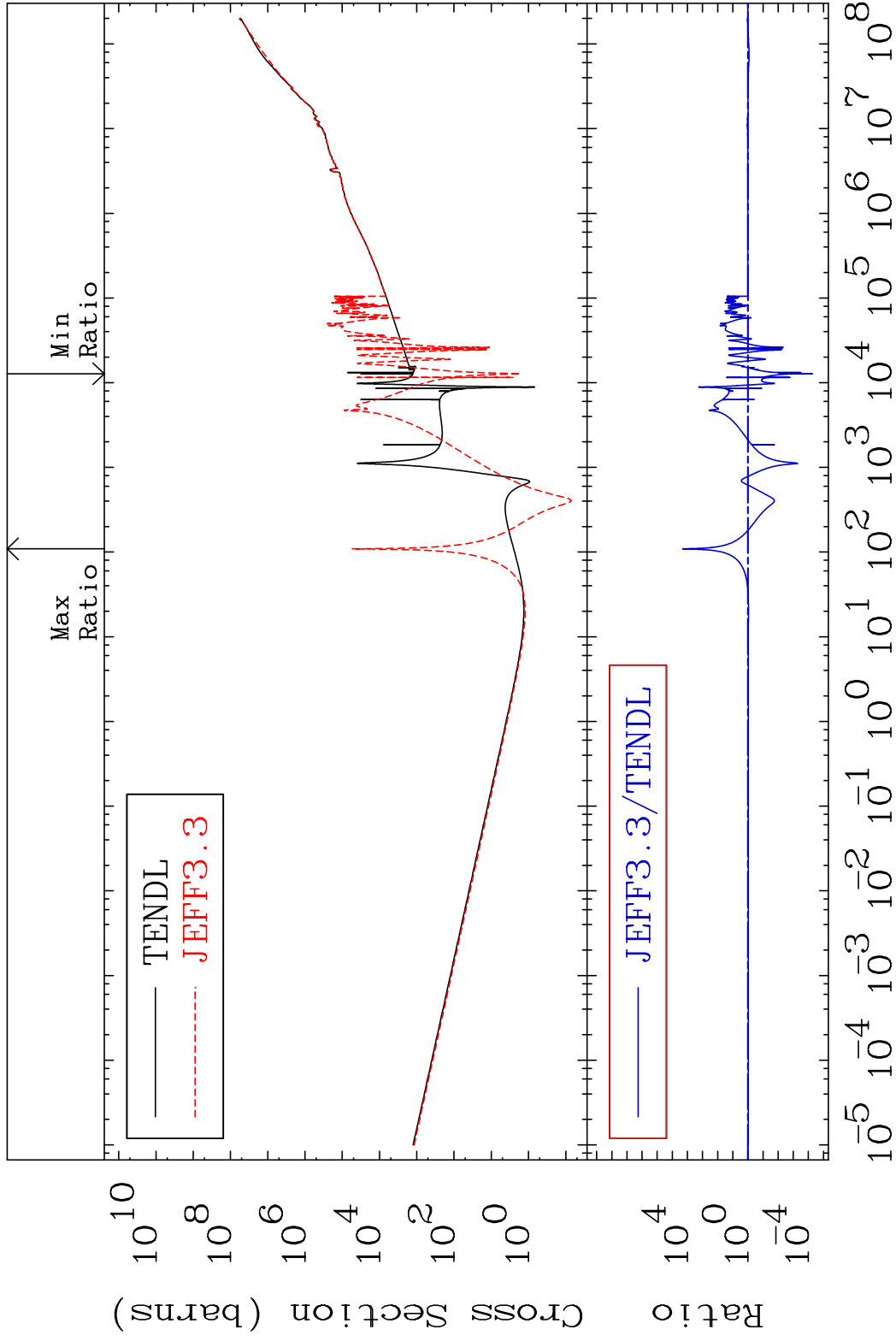
52-Te-132

MAT 5261

Kerma total (eV-barns)

52-Te-132

Cross Section -99.99 To 9999. %



61

Incident Energy (eV)

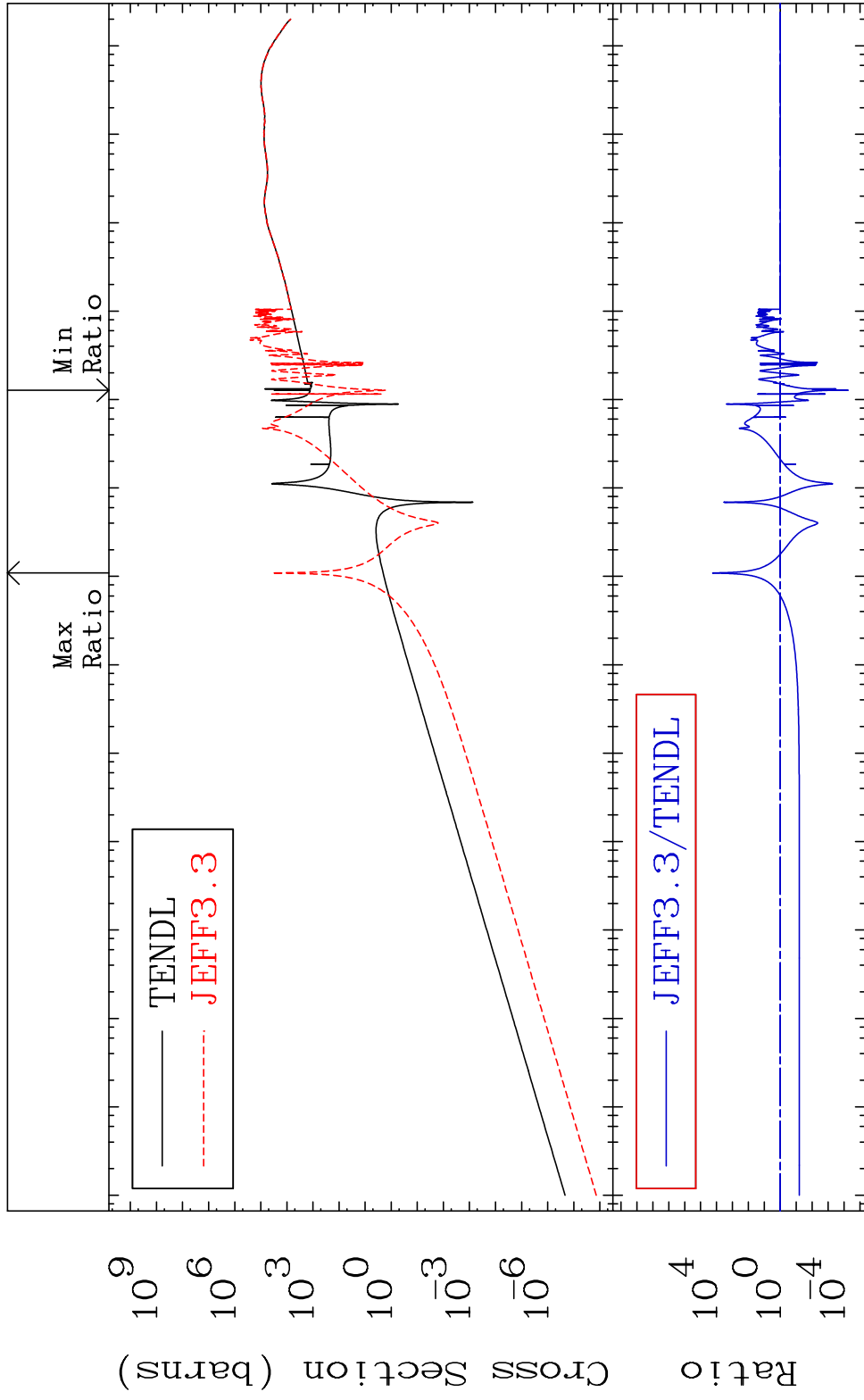
52-Te-132

MAT 5261

Kerma elastic

52-Te-132

Cross Section -99.99 To 9999. %

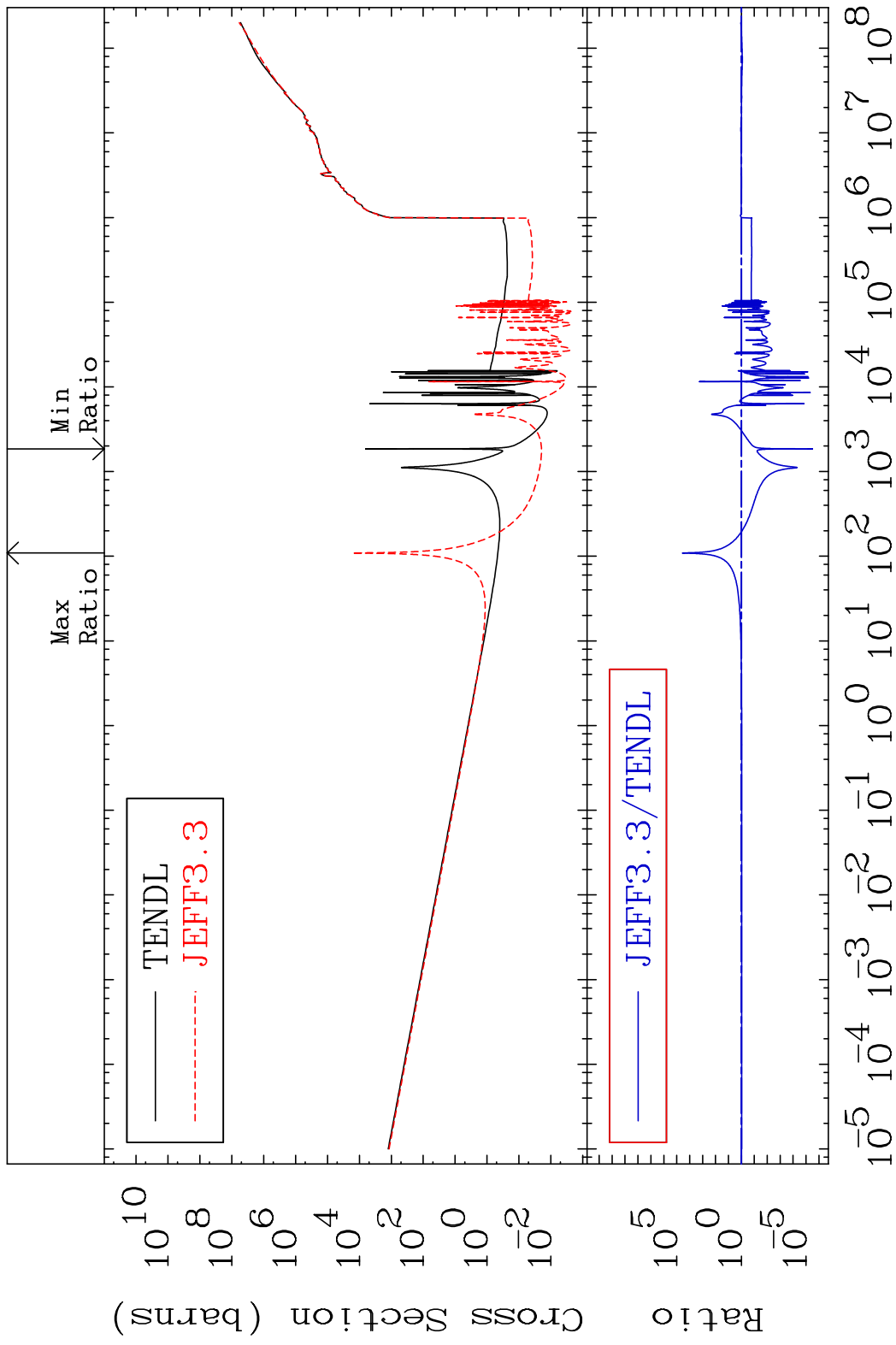


62

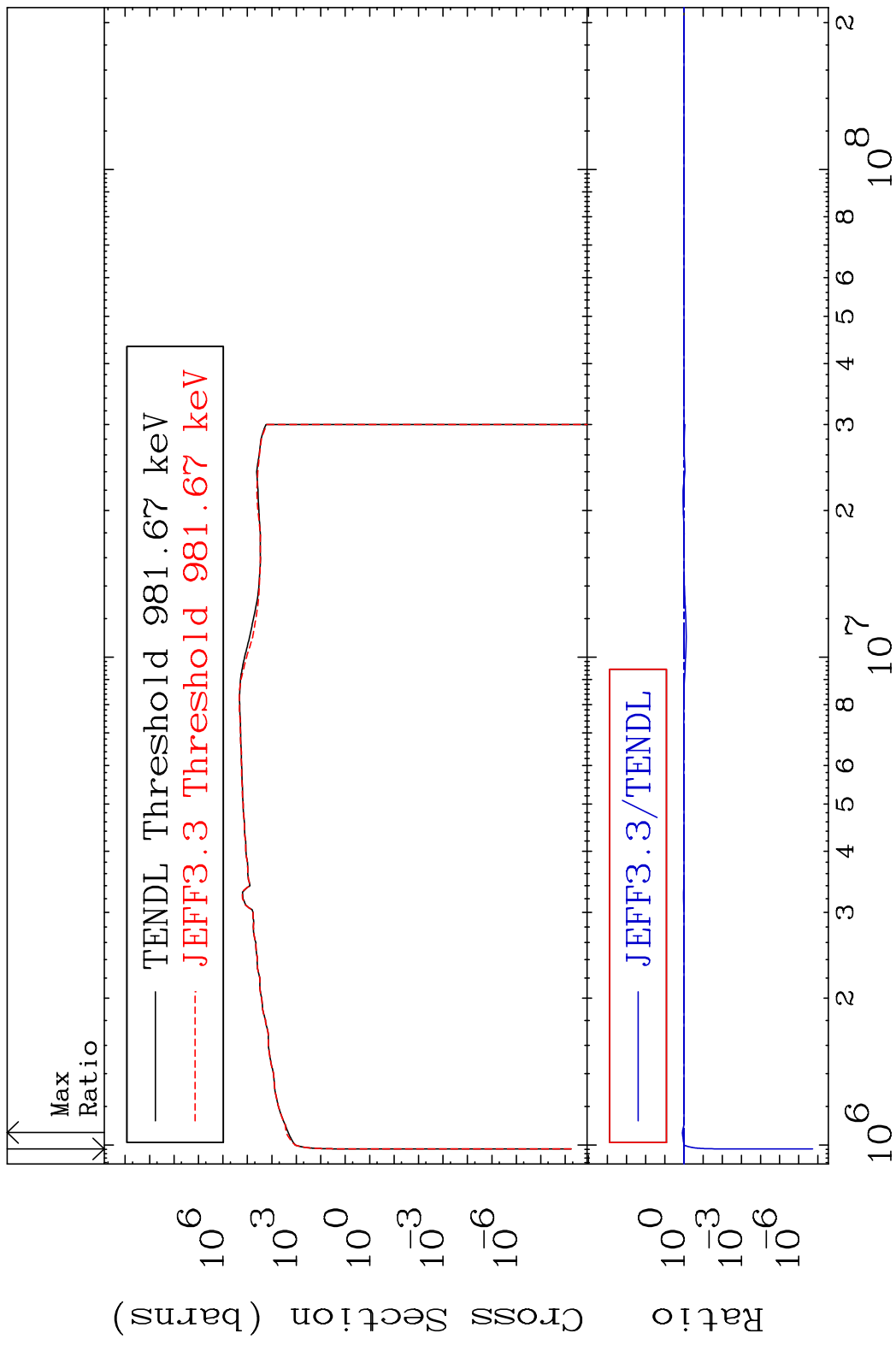
Incident Energy (eV)

52-Te-132

MAT 5261 Kerma non-elastic (all but mt2) 52-Te-132
 Cross Section -100.0 To 9999. %

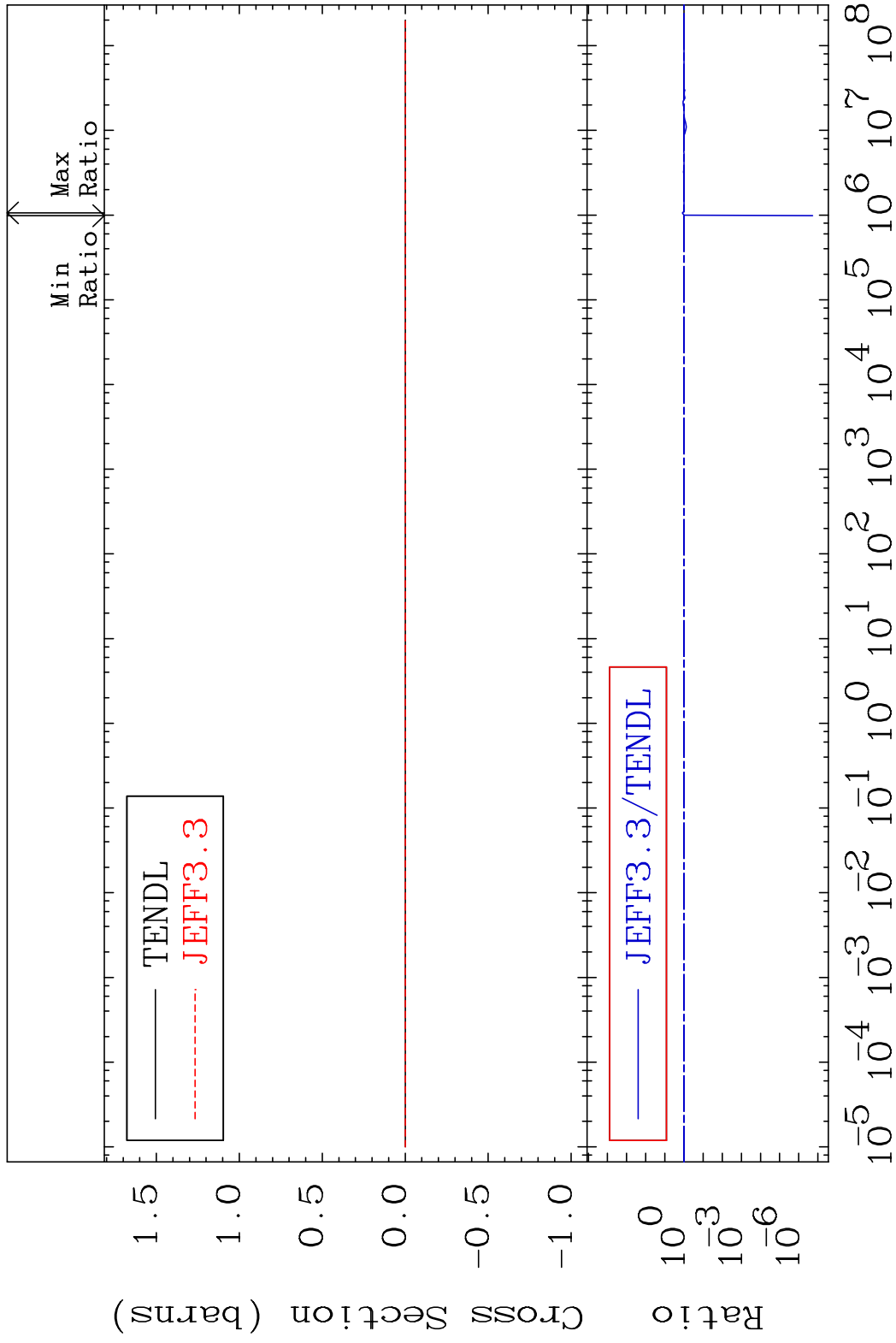


MAT 5261 Kerma inelastic (mt51-91) 52-Te-132
 Cross Section -100.0 To 21.71 %



64 Incident Energy (eV) 52-Te-132

MAT 5261 Kerma fission (mt18 or mt19-20-21-38) 52-Te-132
 Cross Section -100.0 To 21.71 %

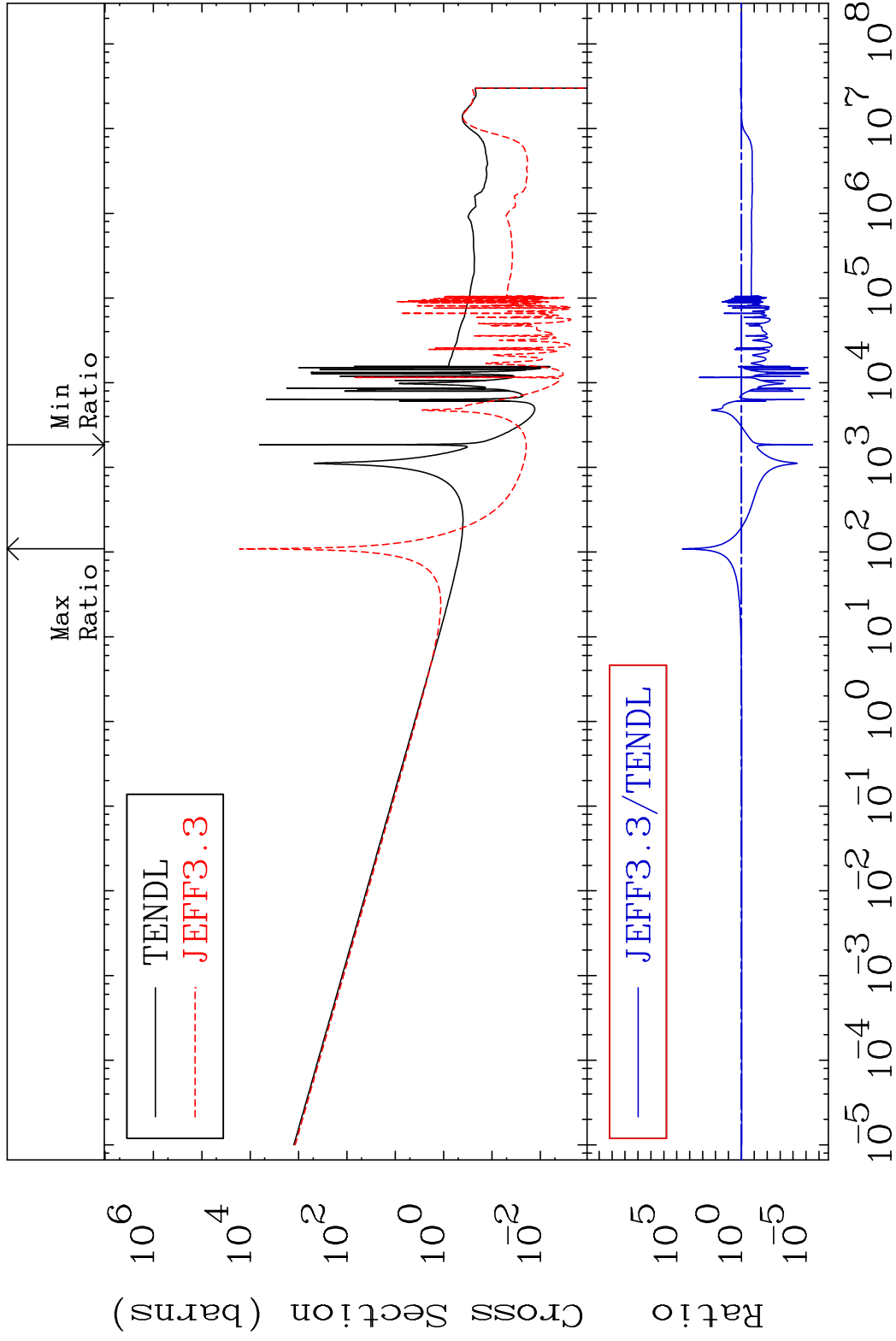


MAT 5261

Kerma capture (mt102)

52-Te-132

Cross Section -100.0 To 9999. %

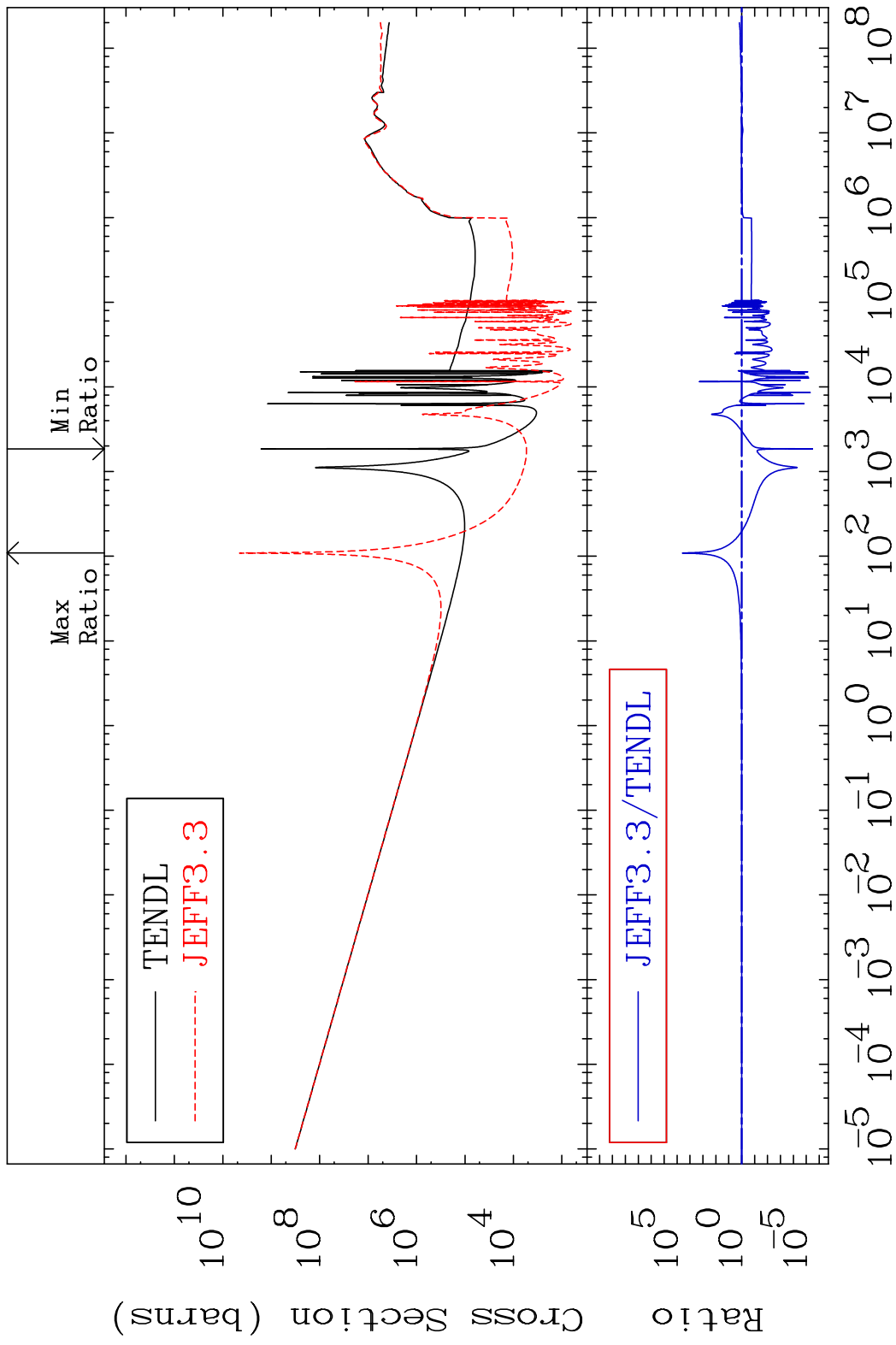


66

Incident Energy (eV)

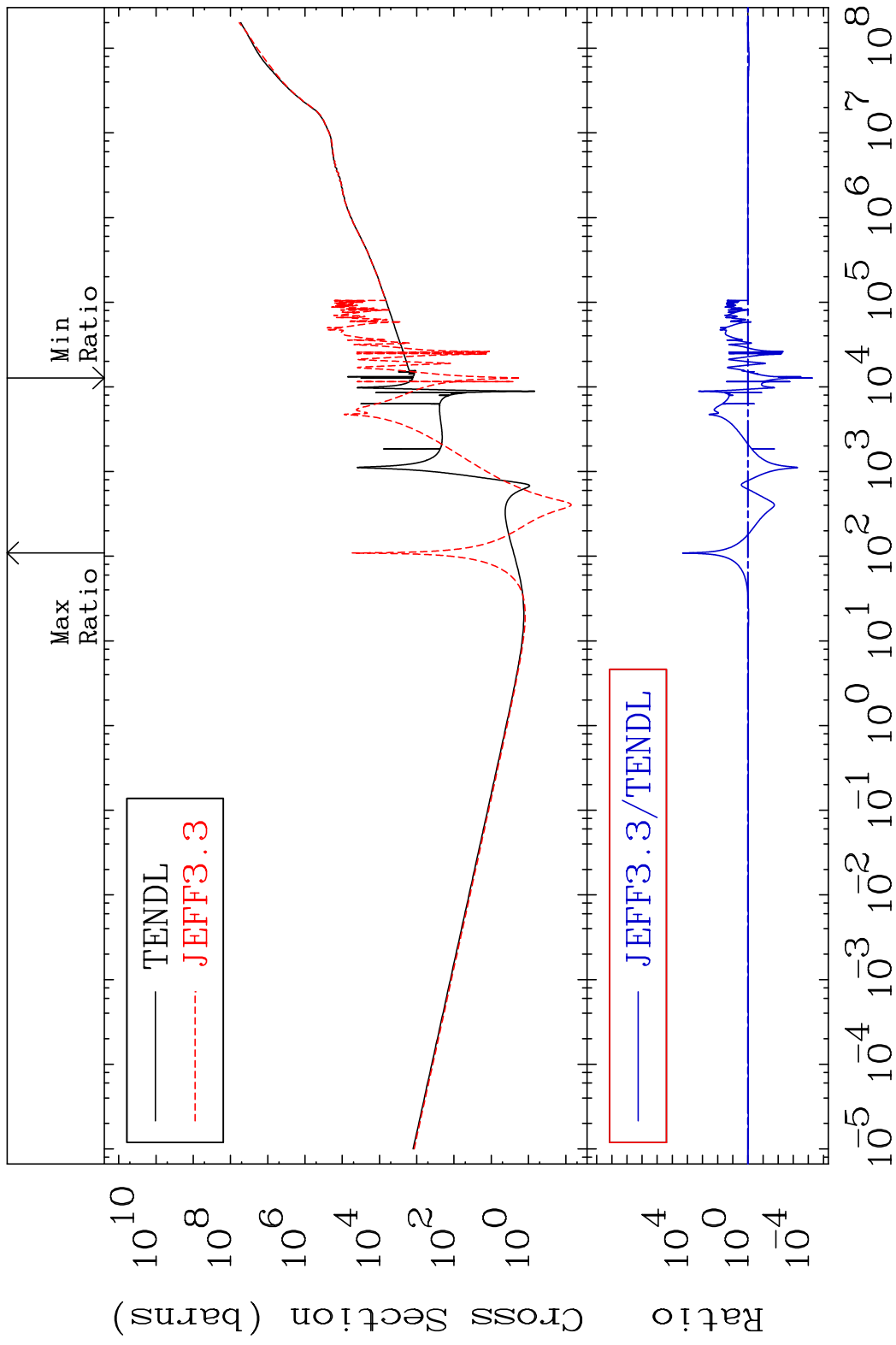
52-Te-132

MAT 5261 Total photon (eV-barns) 52-Te-132
 Cross Section -100.0 To 9999. %



67 Incident Energy (eV) 52-Te-132

MAT 5261 Total kinematic kerma (high limit) 52-Te-132
 Cross Section -99.99 To 9999. %

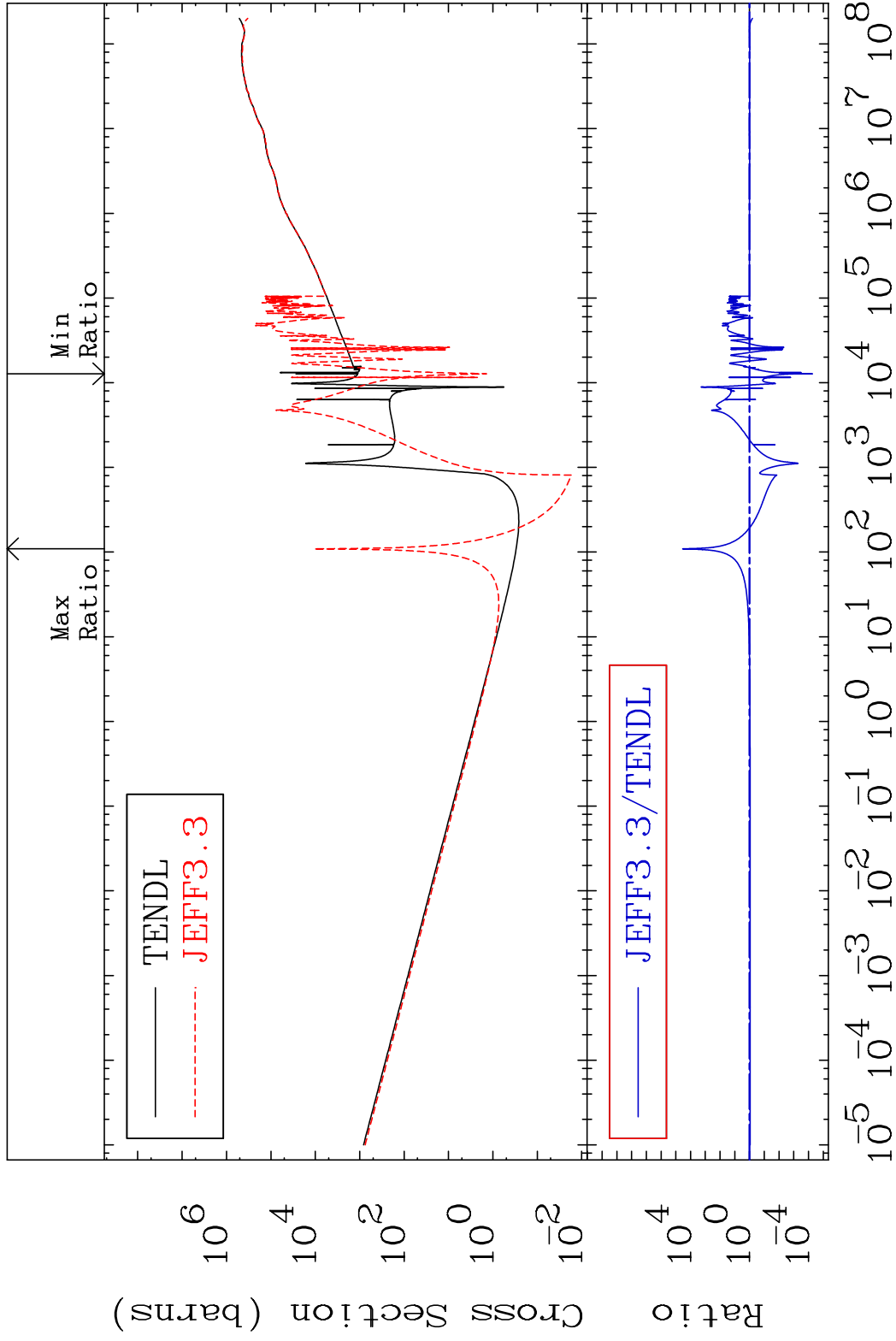


MAT 5261

Dpa total (eV-barns)

52-Te-132

Cross Section -99.99 To 9999. %



69

Incident Energy (eV)

52-Te-132

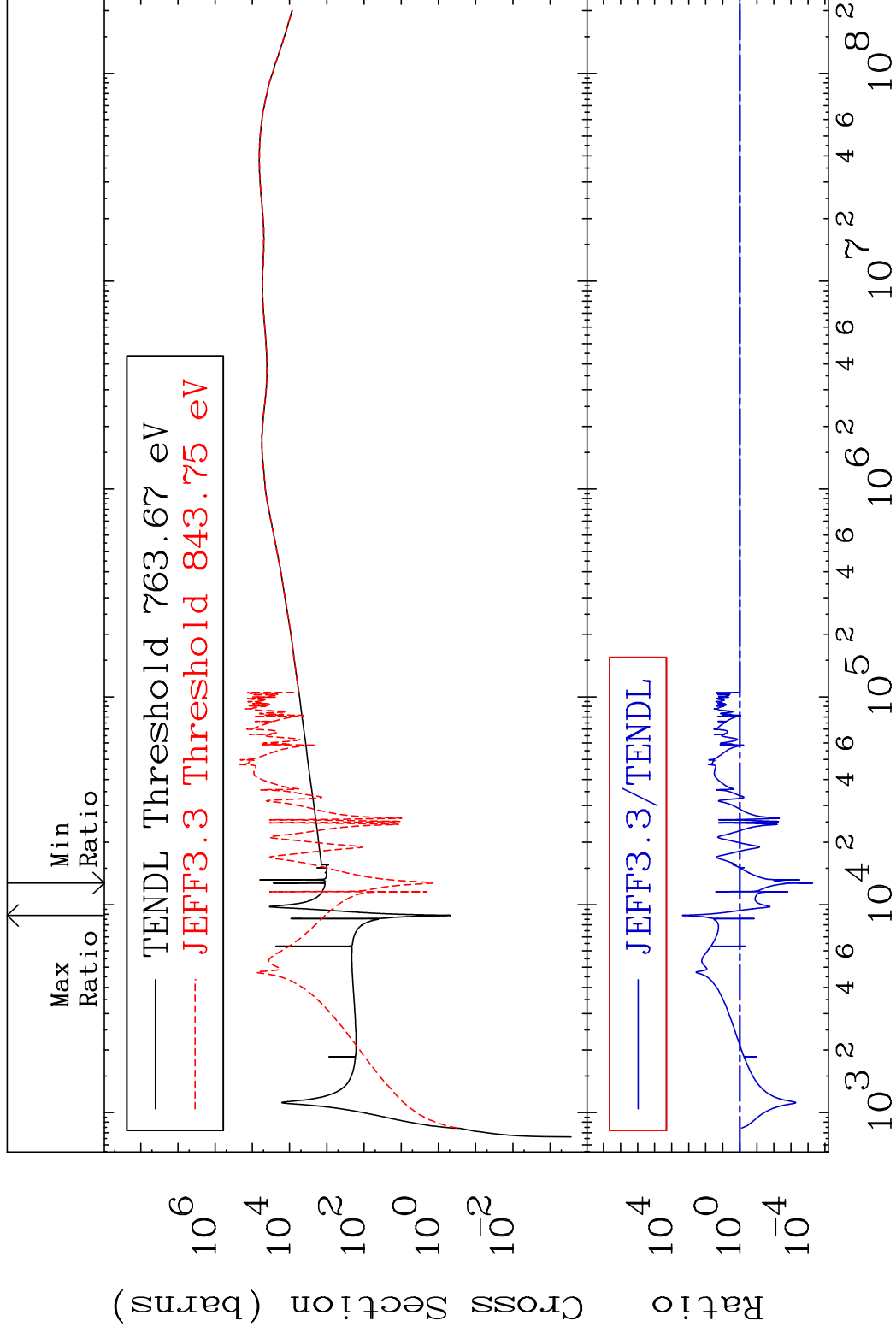
MAT 5261

Dpa elastic (mt2)

52-Te-132

Cross Section

-99.99 To 9999. %

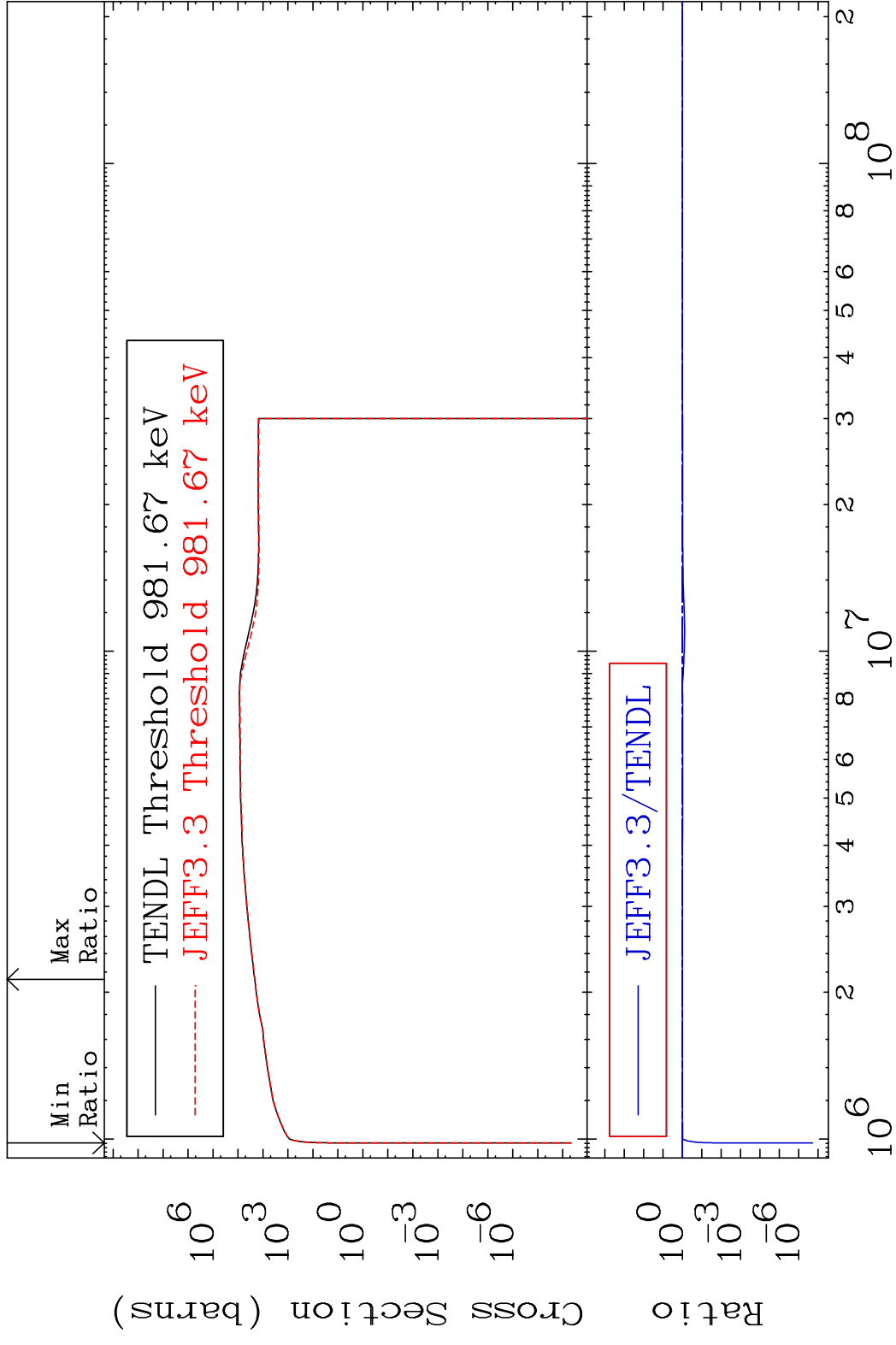


70

Incident Energy (eV)

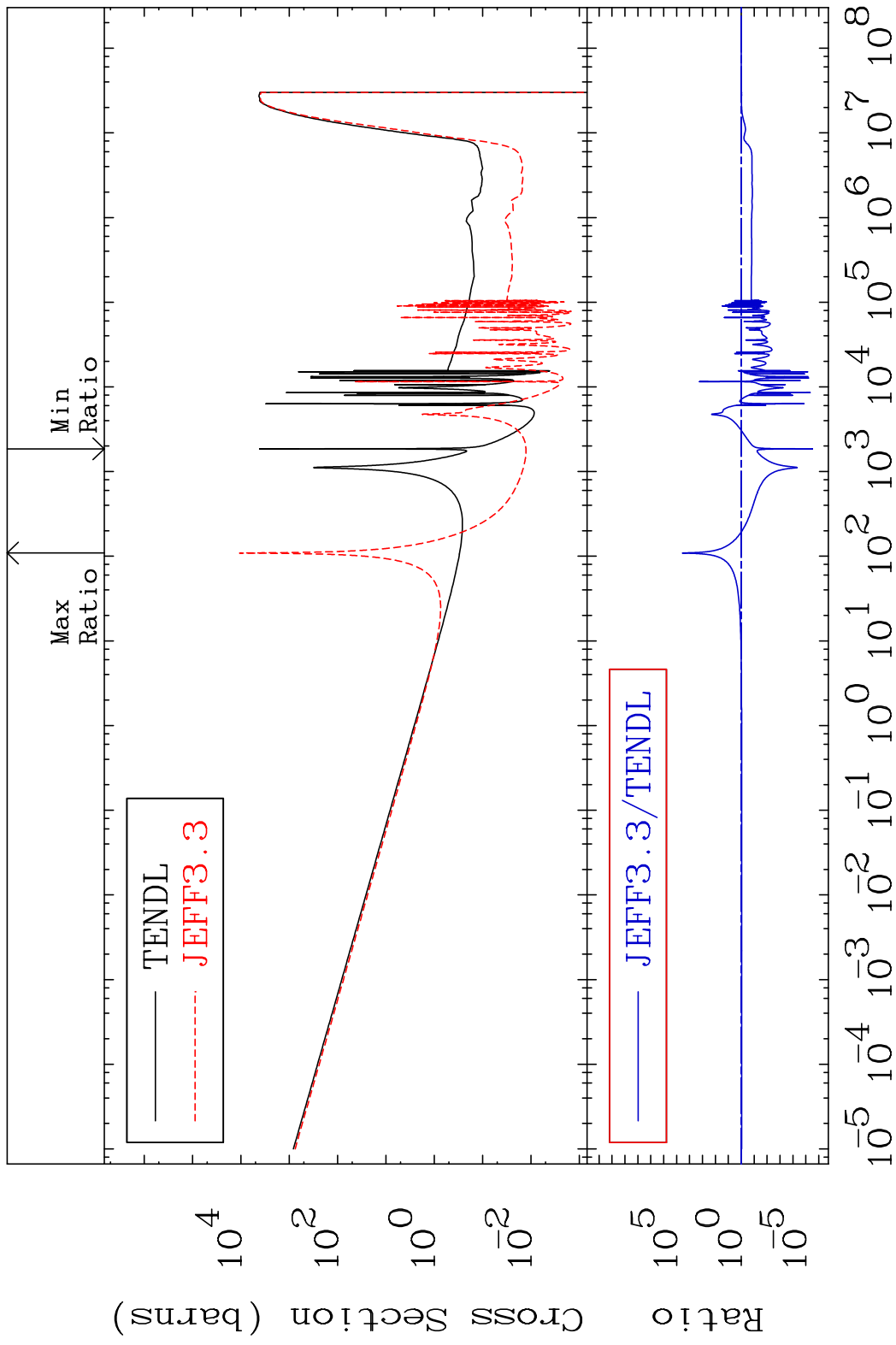
52-Te-132

MAT 5261 Dpa inelastic (mt51-91) 52-Te-132
 Cross Section -100.0 To 0.766 %

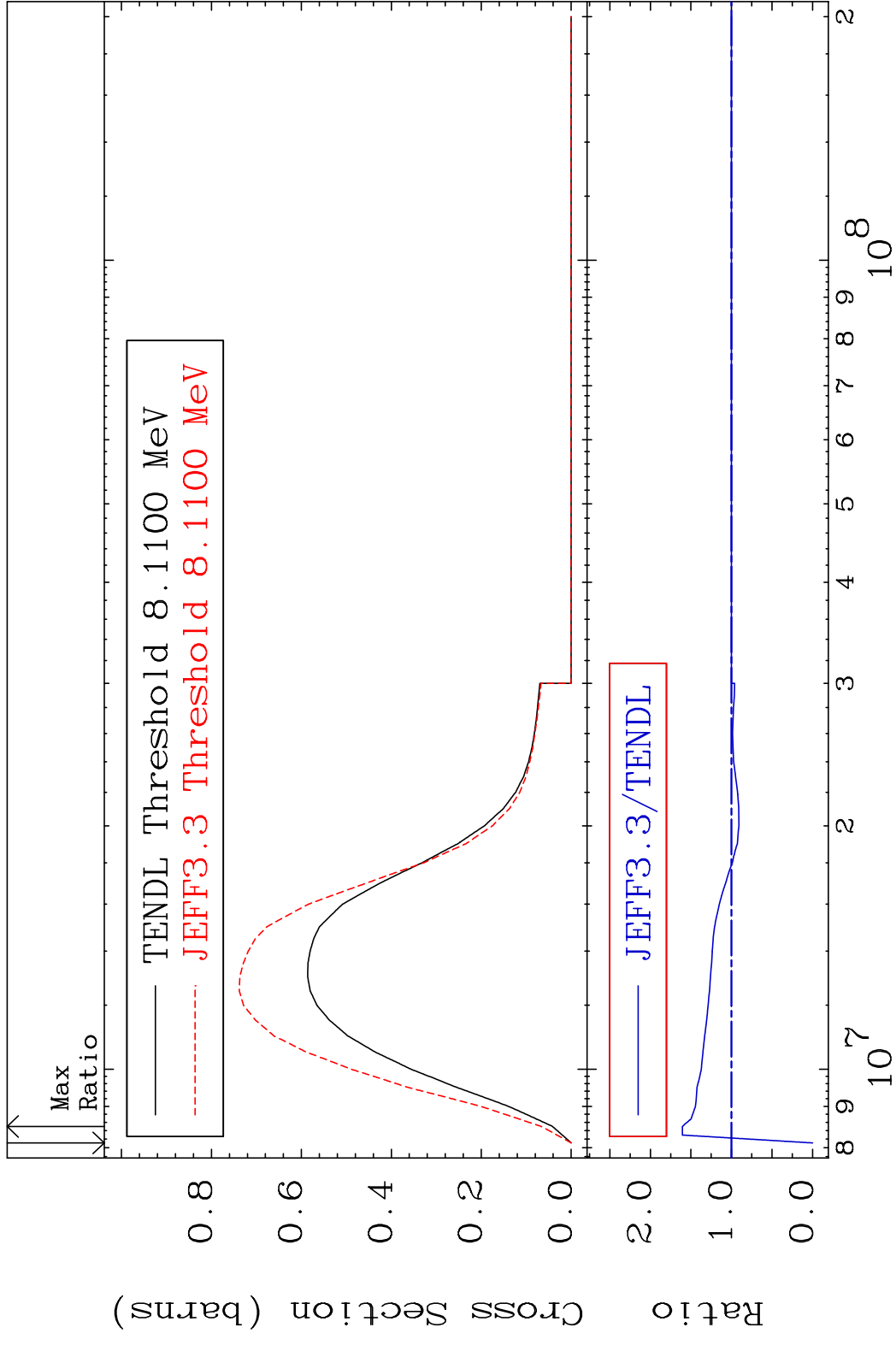


71 Incident Energy (eV) 52-Te-132

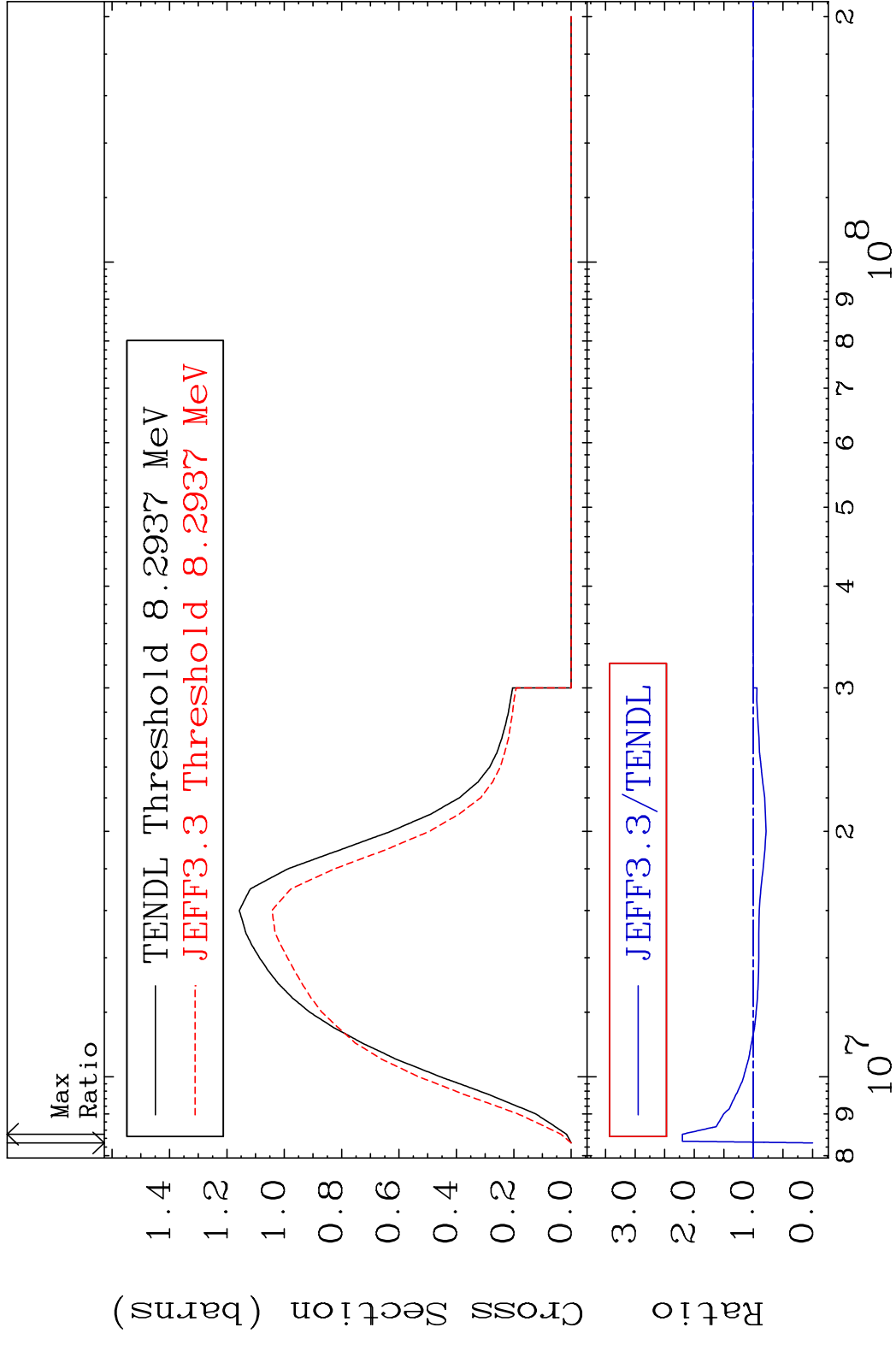
MAT 5261 Dpa disappearance (mt102 -120) 52-Te-132
 Cross Section -100.0 To 9999. %



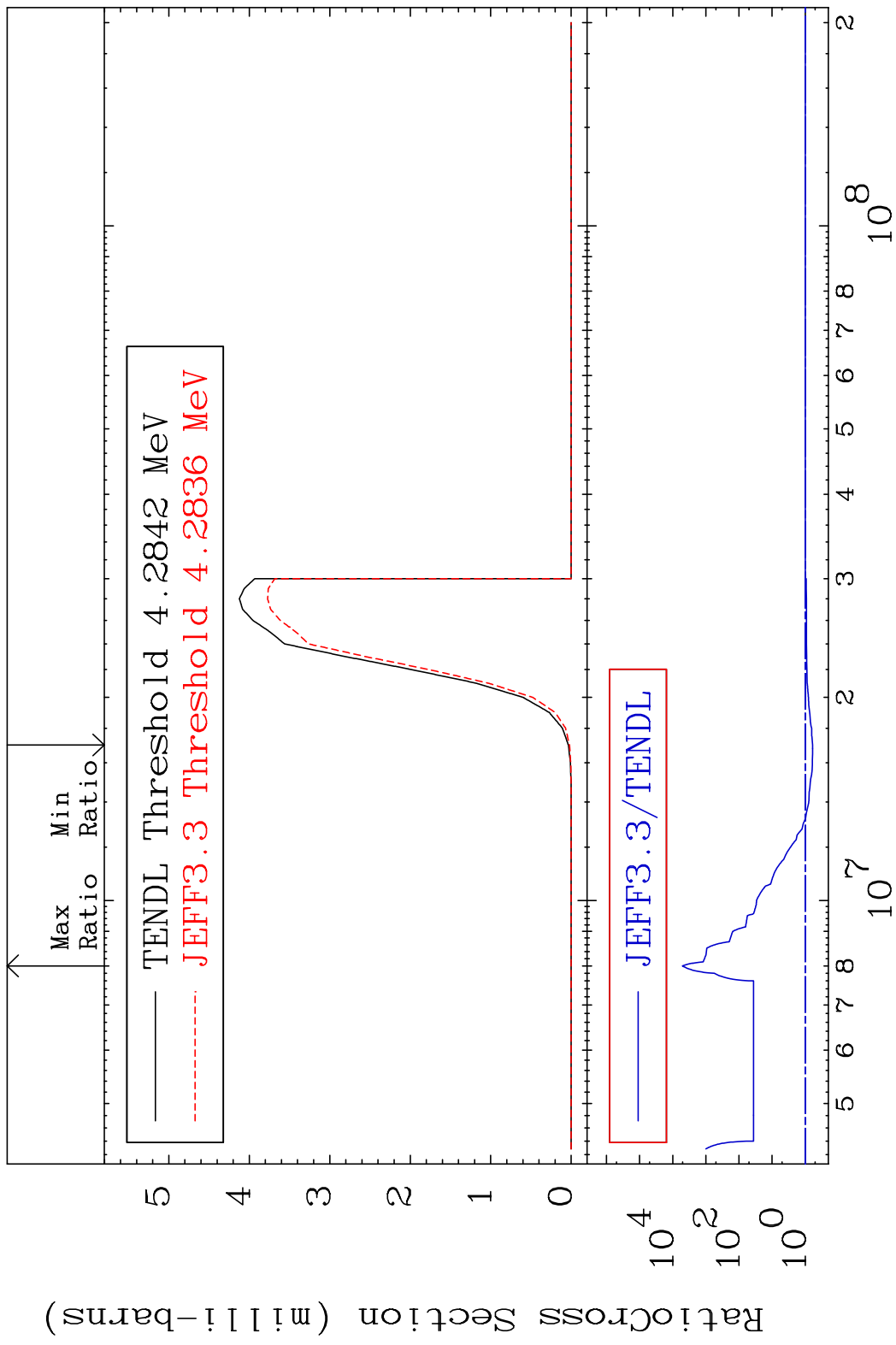
MAT 5261 (n,2n):52-Te-131g 52-Te-132
 Radionuclide Production Cross Section Ratio 60.57 %



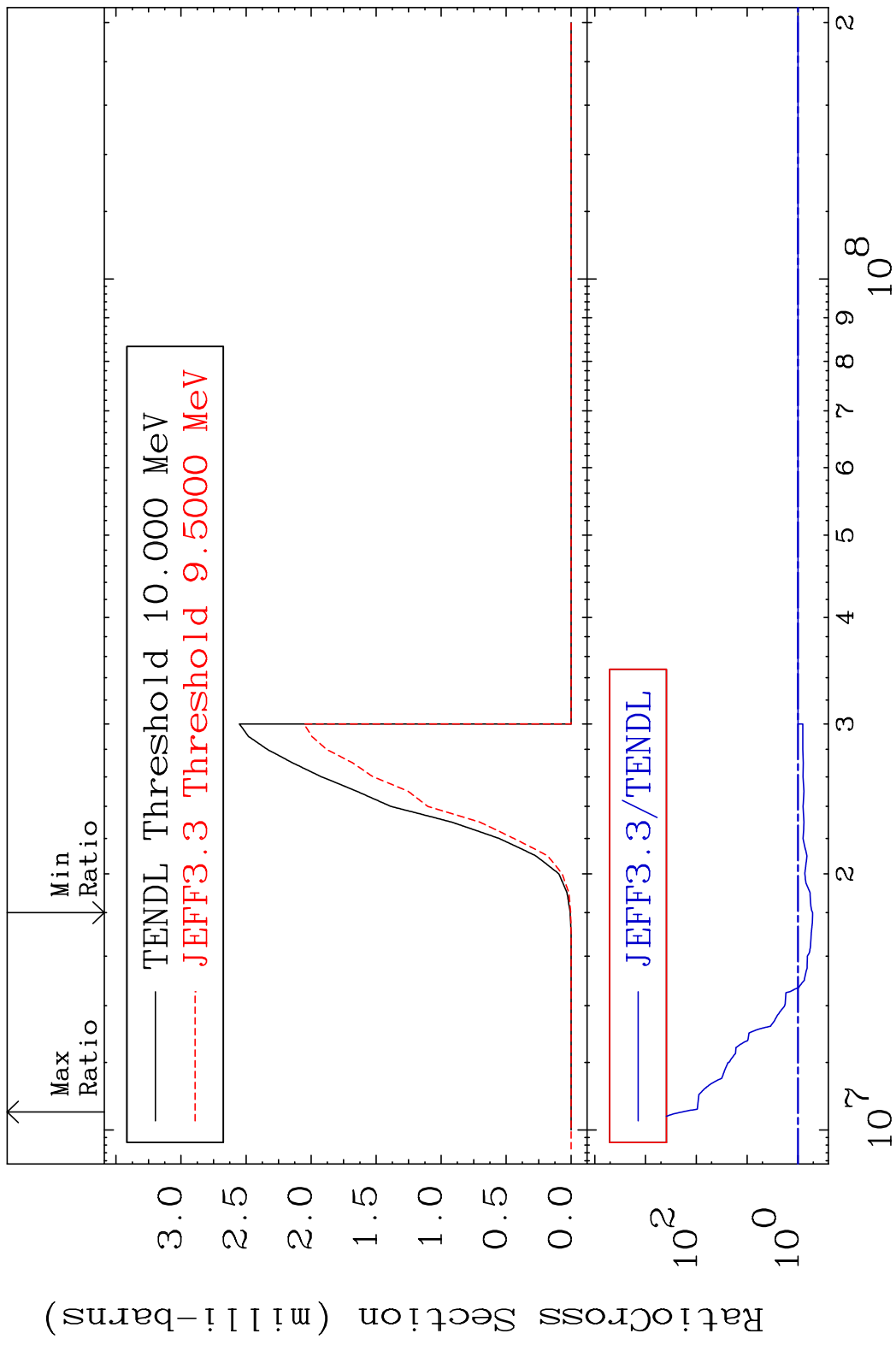
MAT 5261 (n,2n):52-Te-131m1 52-Te-132
 Radionuclide Production Cross Section 180.0 dth 120.1 %



MAT 5261 (n, n') α :50-Sn-128g 52-Te-132
 Radionuclide Production Cross Section Ratio 9999. %

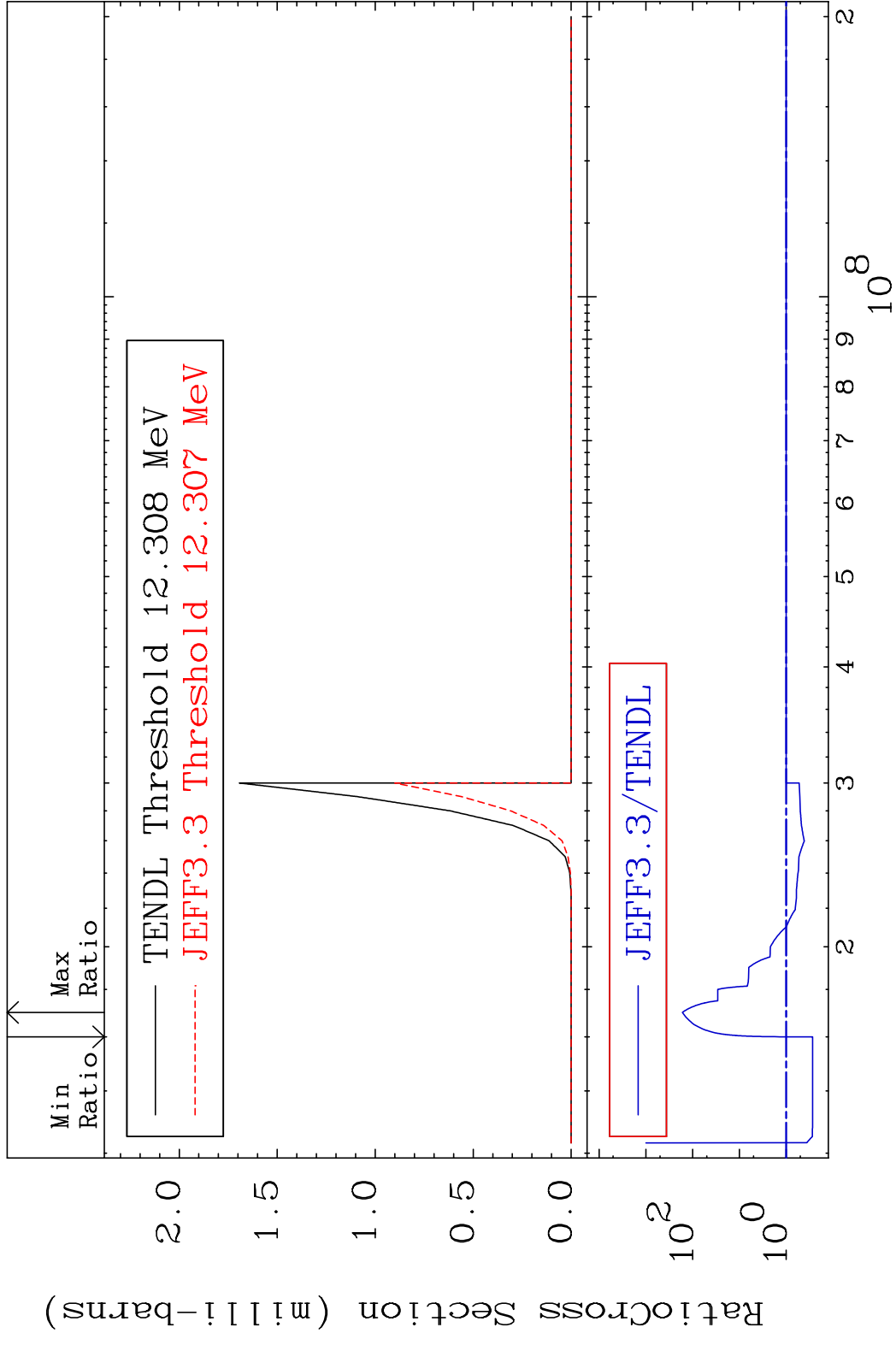


MAT 5261 (n, n') α :50-Sn-128m3 52-Te-132
 Radionuclide Production Cross Section 48e311d10 9999. %

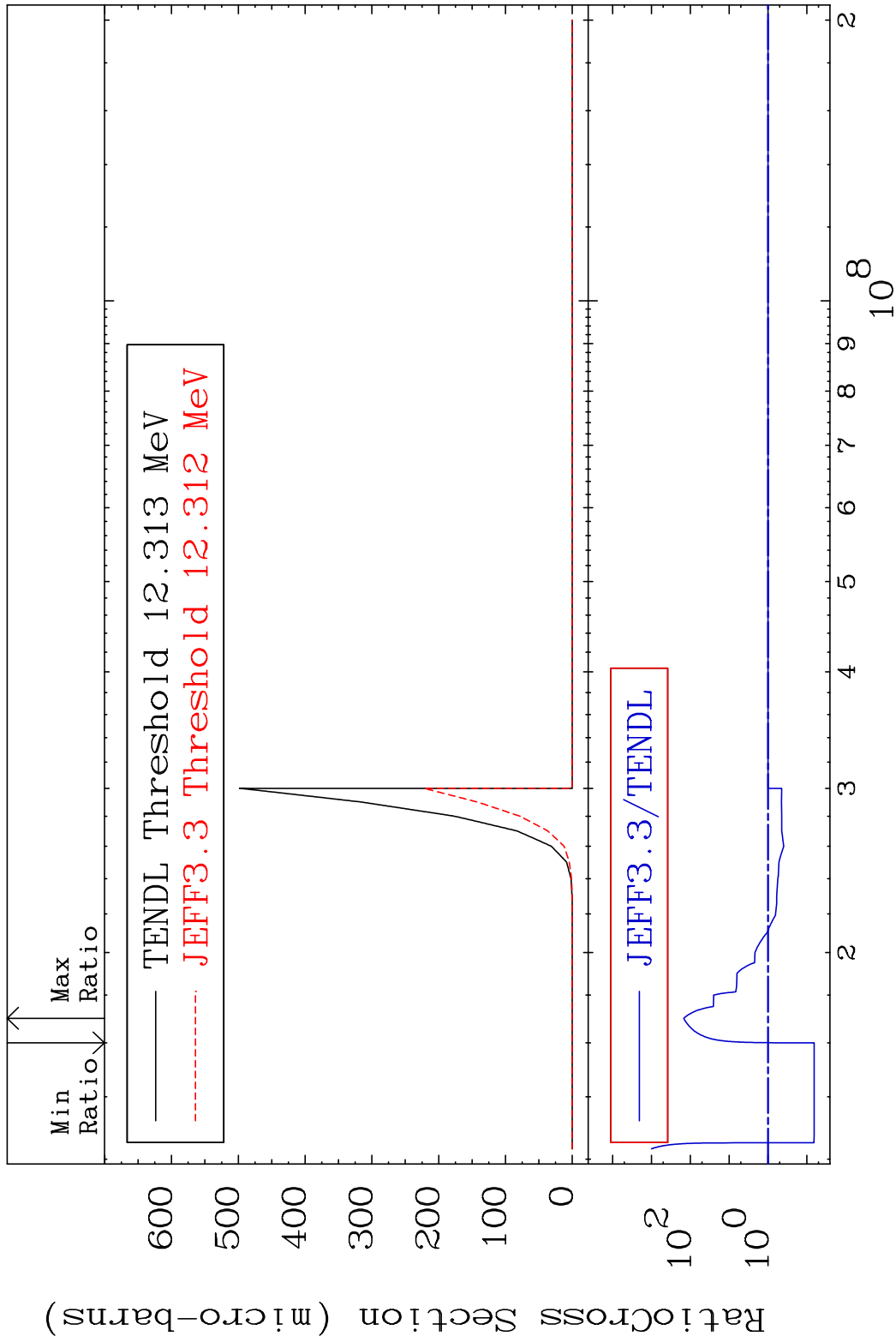


76 Incident Energy (eV) 52-Te-132

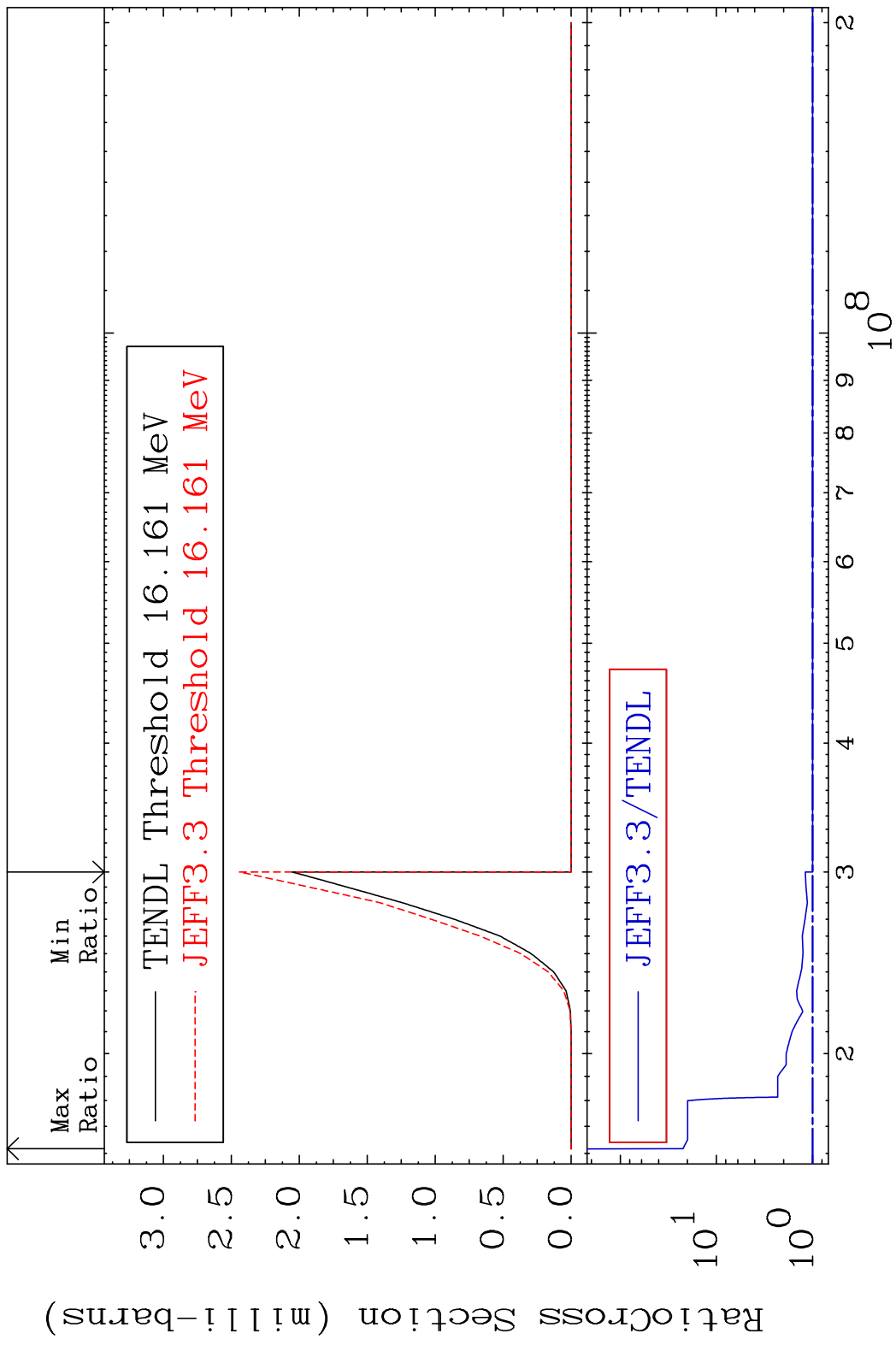
MAT 5261 (n,2n) α :50-Sn-127g 52-Te-132
 Radionuclide Production Cross Section to 9999. %



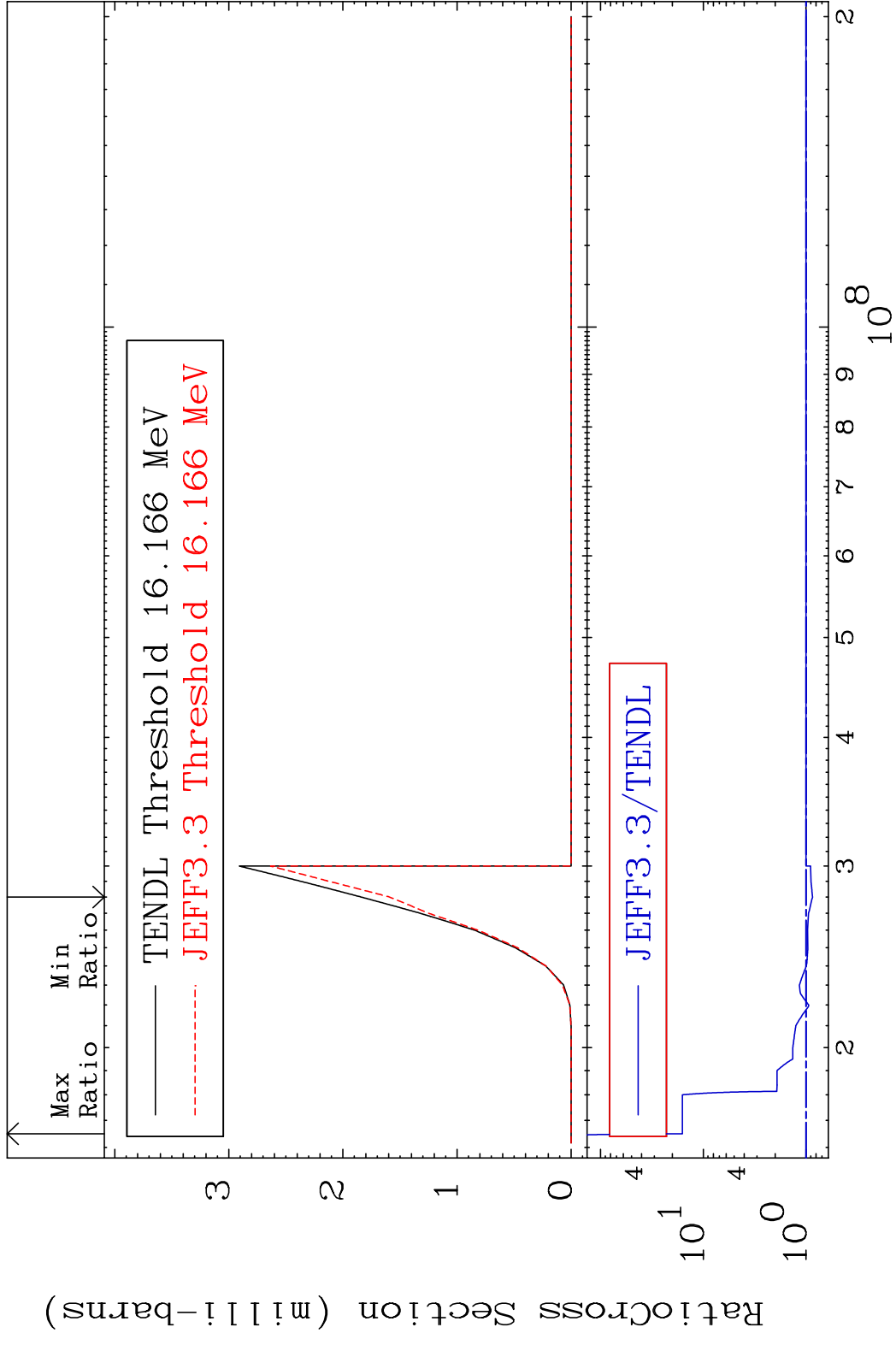
MAT 5261 (n,2n) α :50-Sn-127m1 52-Te-132
 Radionuclide Production Cross Section Ratio 99999. %



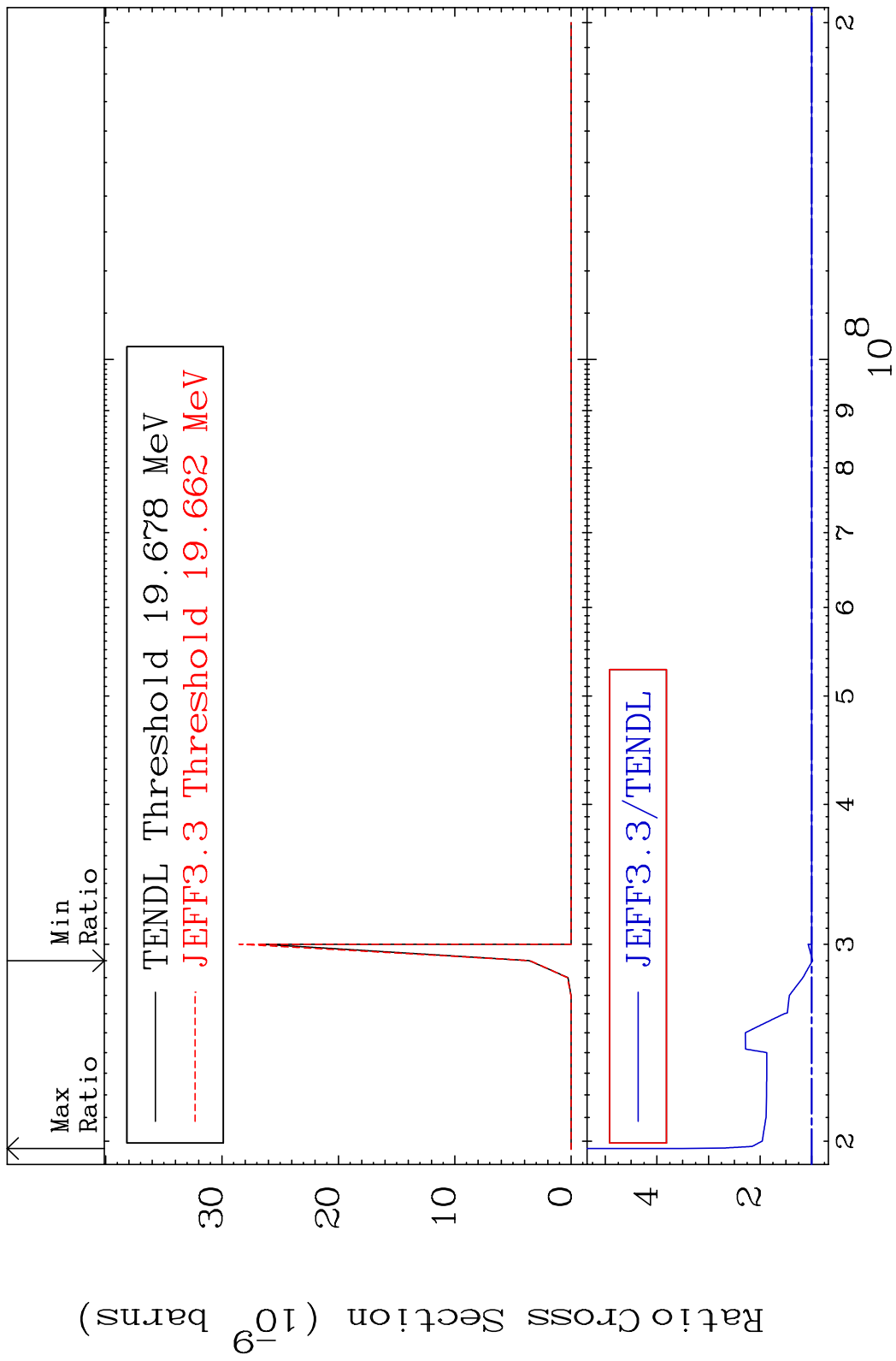
MAT 5261 (n, n') d:51-Sb-130g 52-Te-132
 Radionuclide Production Cross Section 2163. %



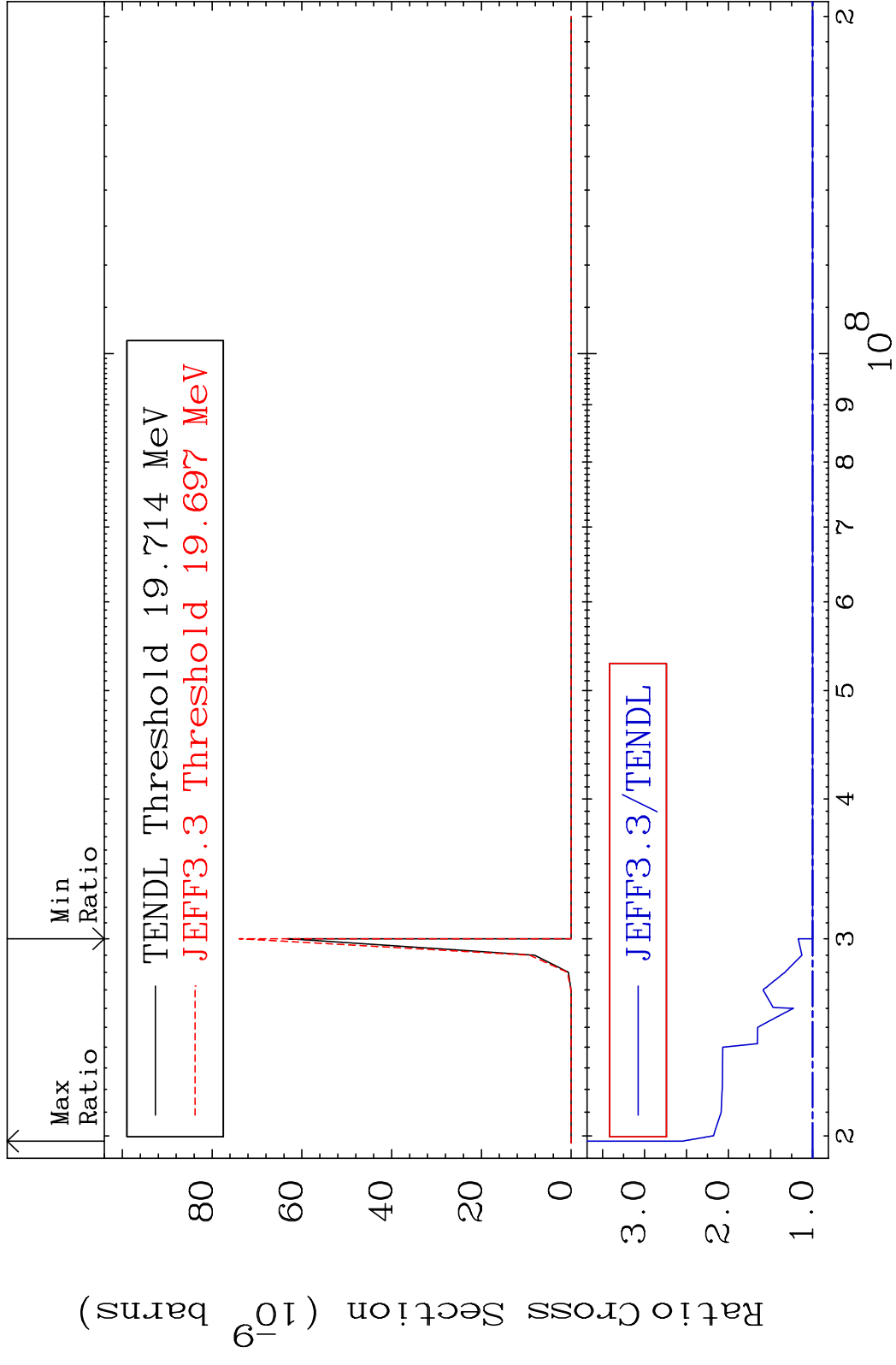
MAT 5261 (n, n') d:51-Sb-130m1 52-Te-132
 Radionuclide Production Cross Section 1501. %



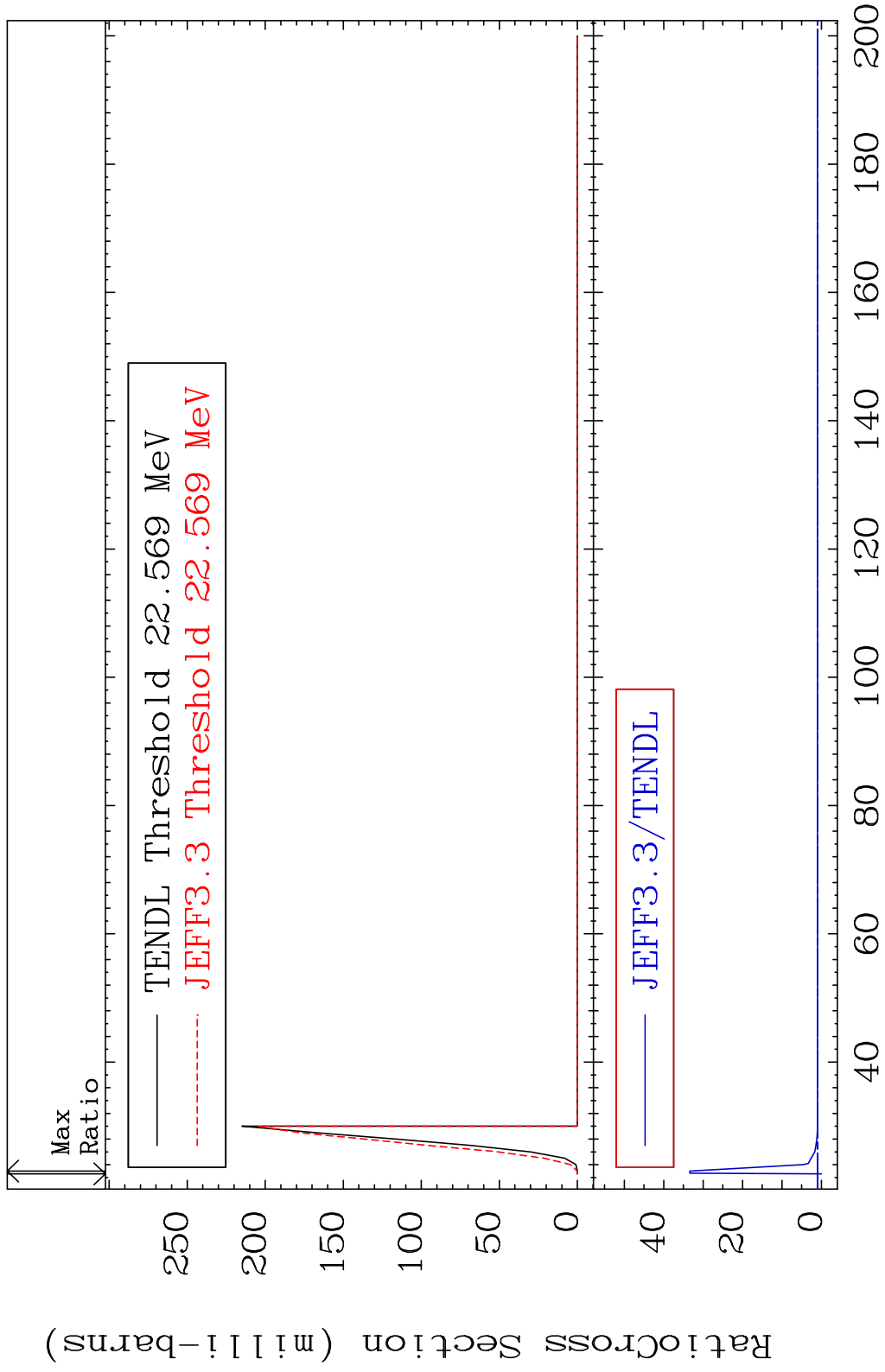
MAT 5261 (n, n') He-3:50-Sn-129g 52-Te-132
 Radionuclide Production Cross Section Ratio 250.7 %



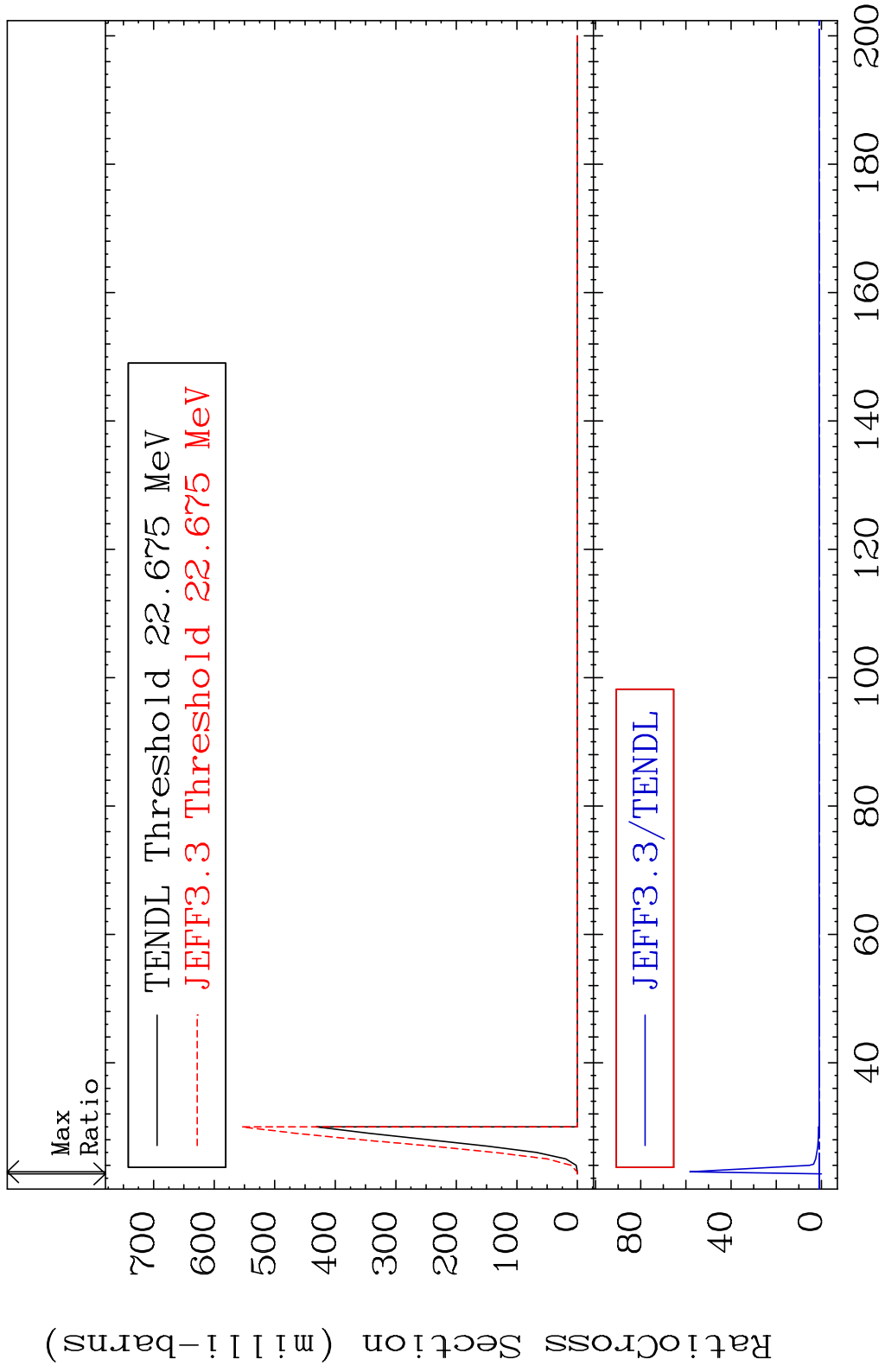
MAT 5261 (n, n') He-3:50-Sn-129m1 52-Te-132
 Radionuclide Production Cross Section 155.0 %



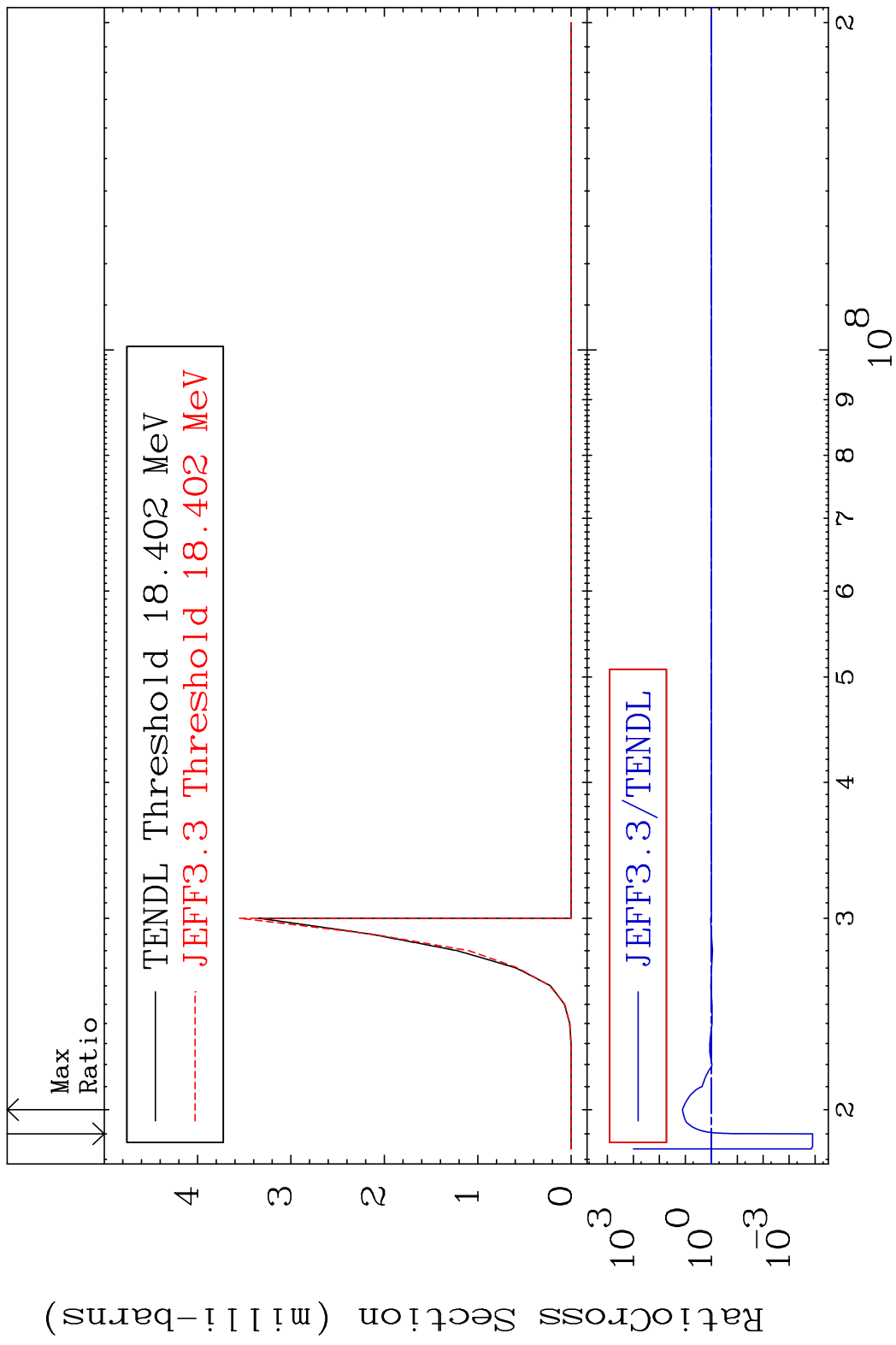
MAT 5261 (n,4n):52-Te-129g 52-Te-132
 Radionuclide Production Cross Section 180.01 dth 3239. %

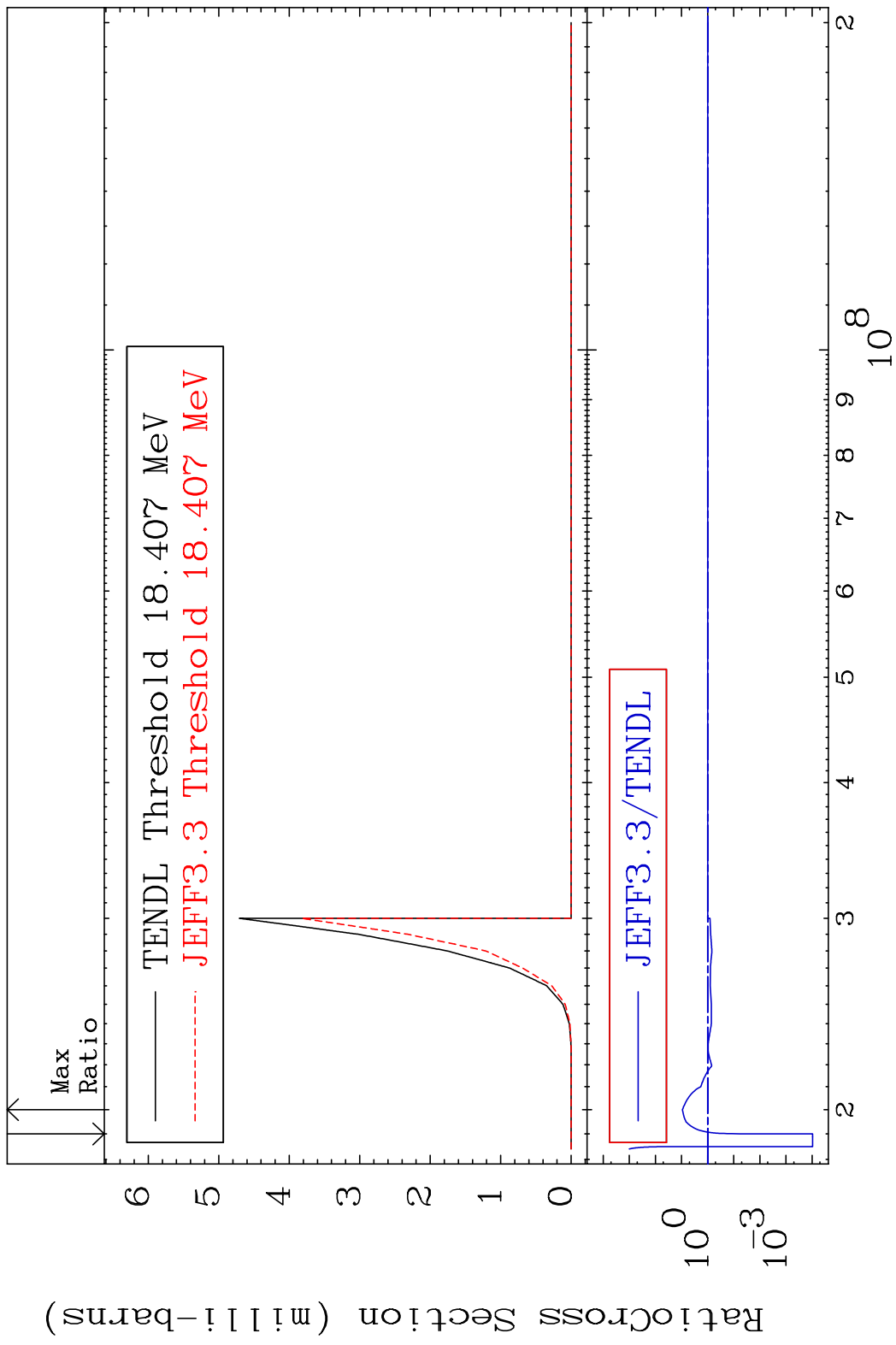


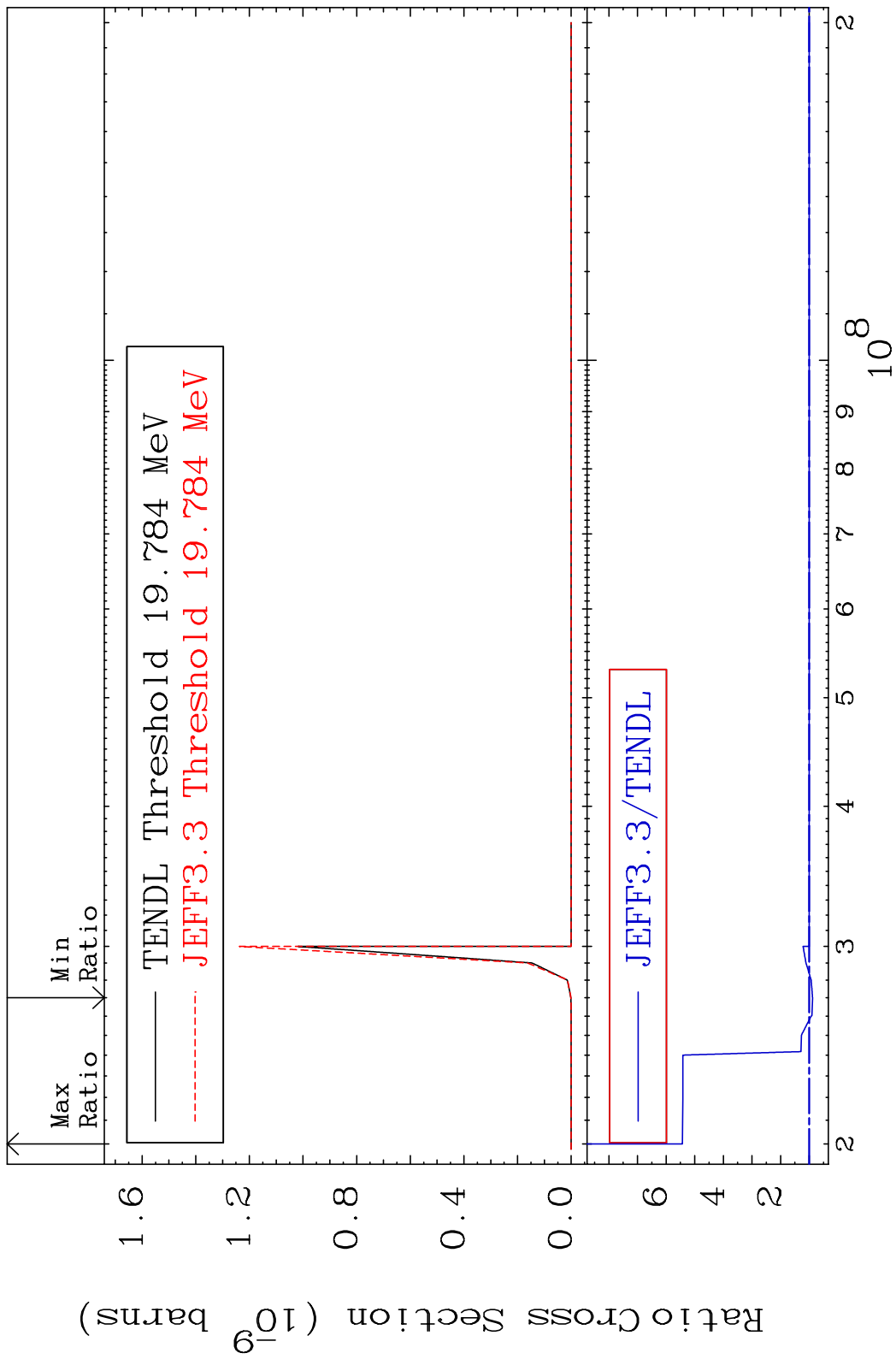
MAT 5261 (n, 4n):52-Te-129m1 52-Te-132
 Radionuclide Production Cross Section Ratio 5729. %



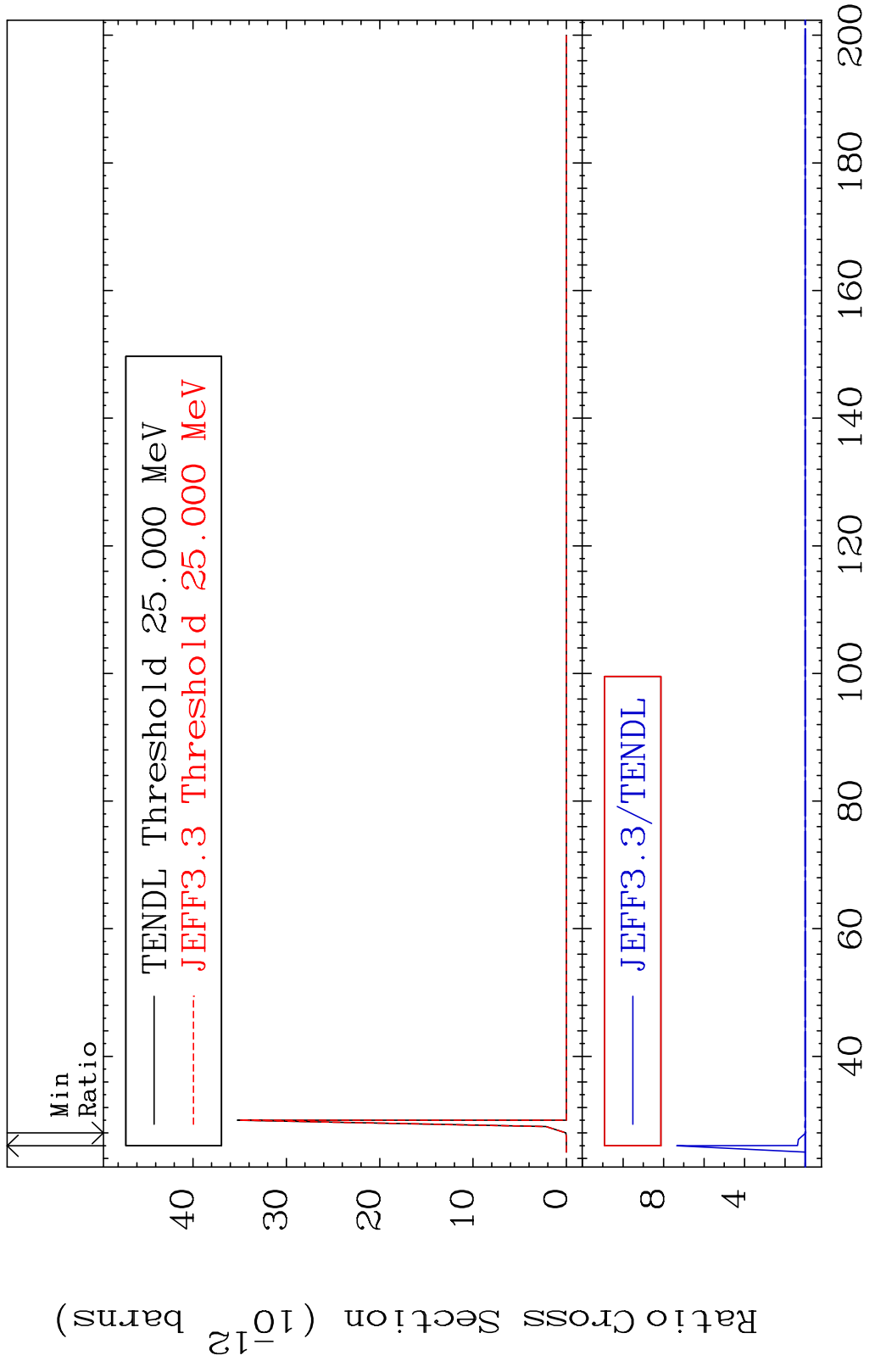
MAT 5261 (n,2n) p:51-Sb-130g 52-Te-132
 Radionuclide Production Cross Section 98.991 dth 1195. %

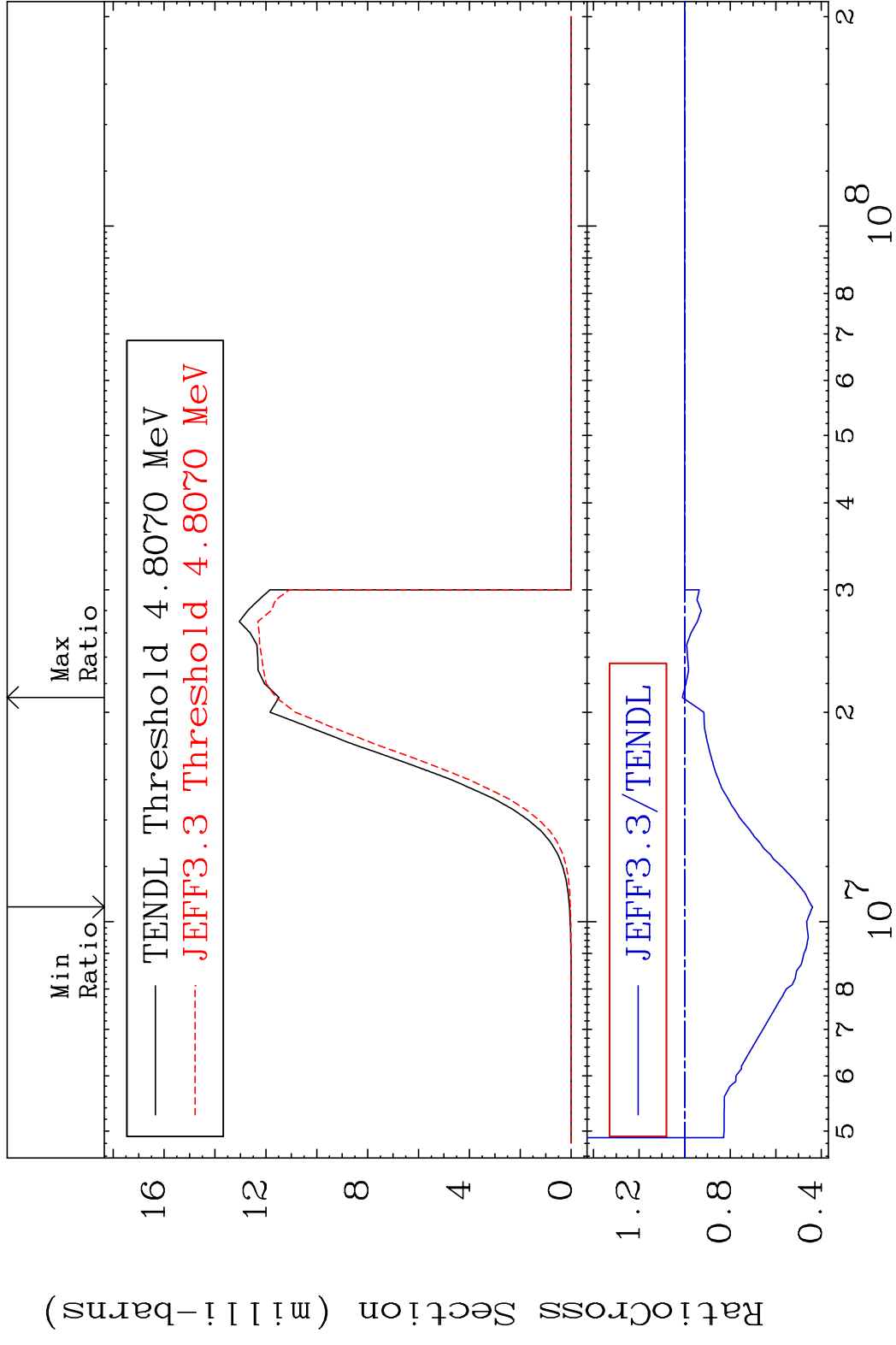




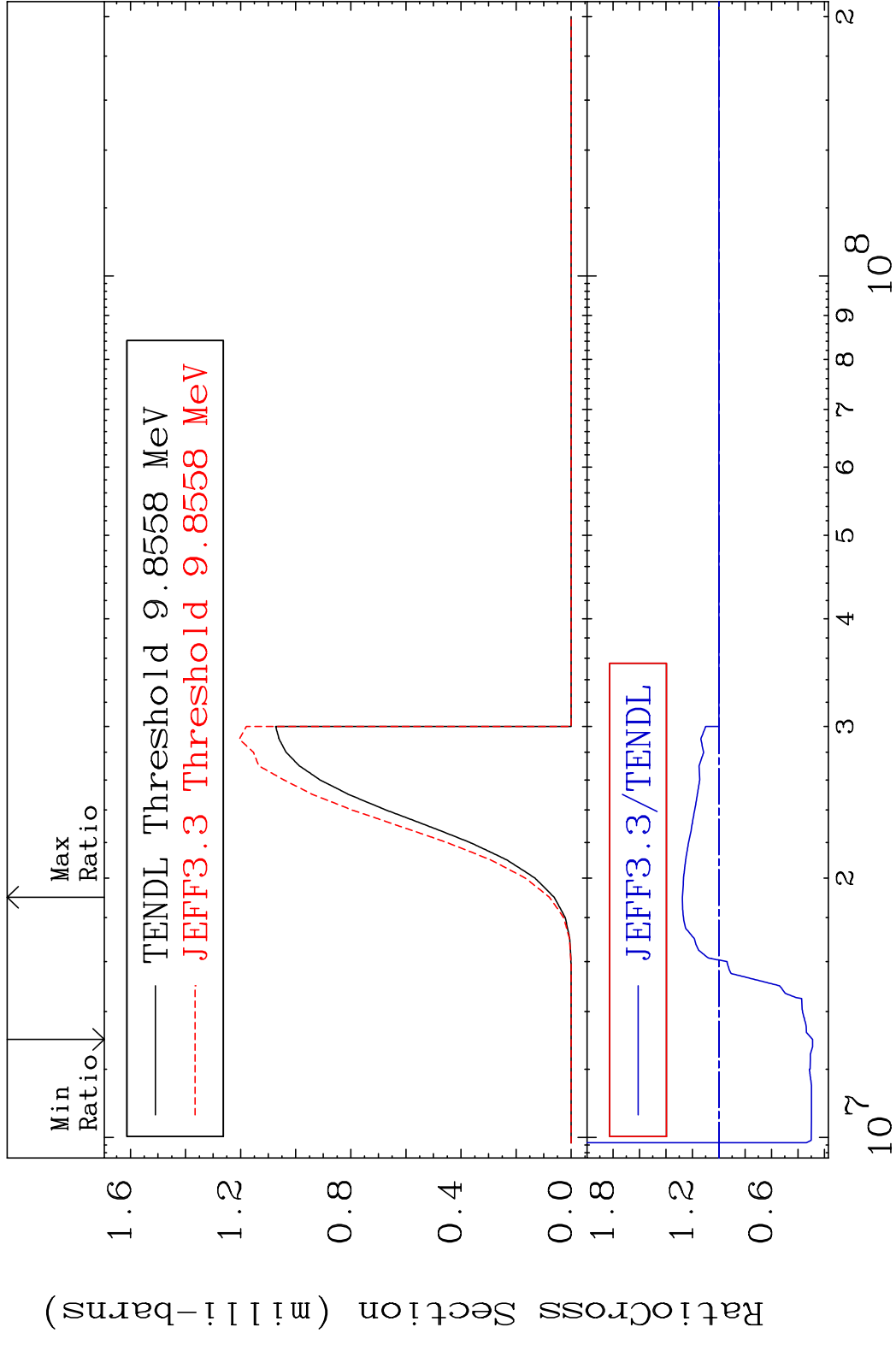


MAT 5261 (n,2n) p:50-Sn-130m2 52-Te-132
 Radionuclide Production Cross Section 635.0 %



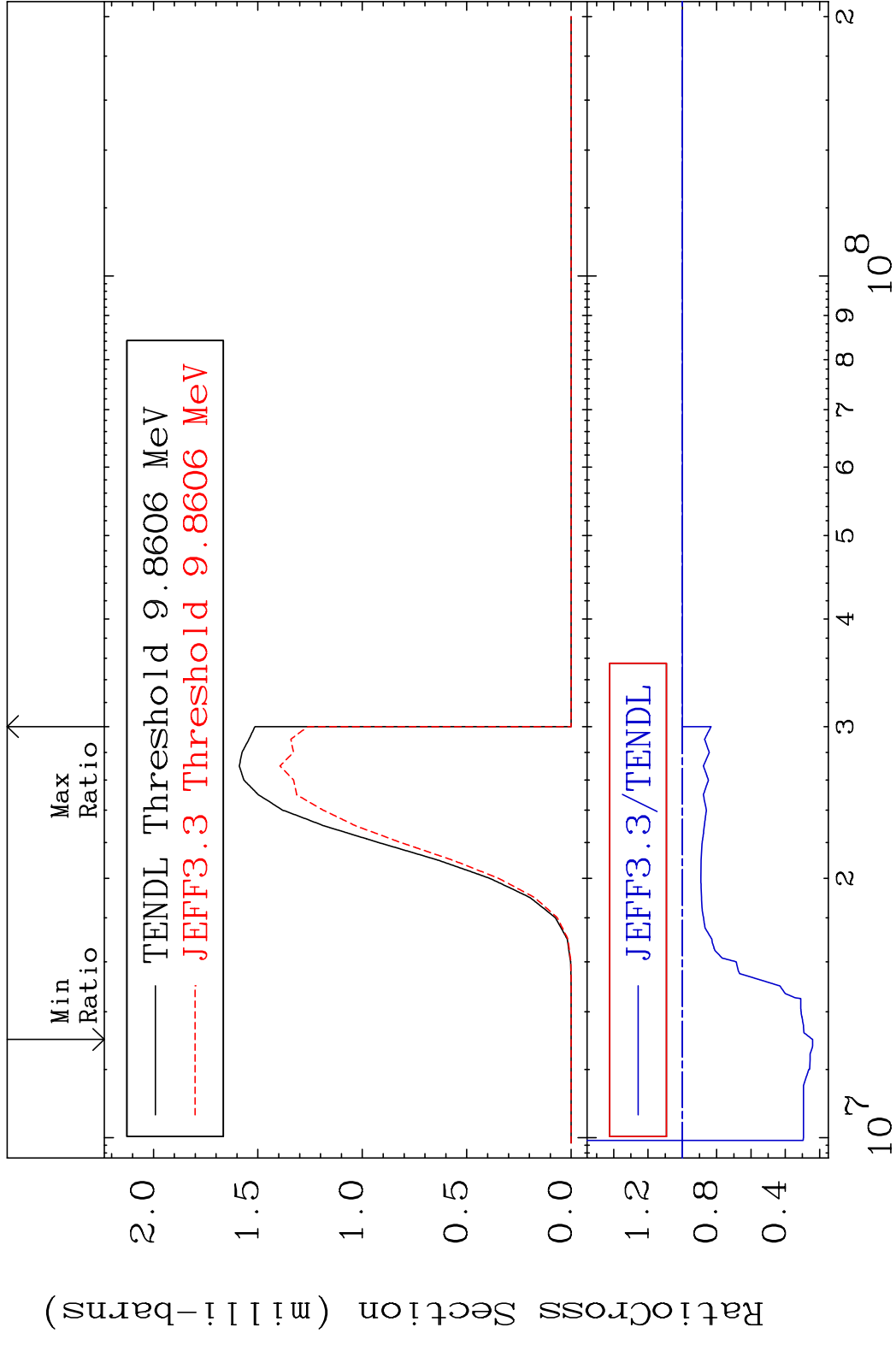


MAT 5261 (n, t):51-Sb-130g 52-Te-132
 Radionuclide Production Cross Section 27.58 %



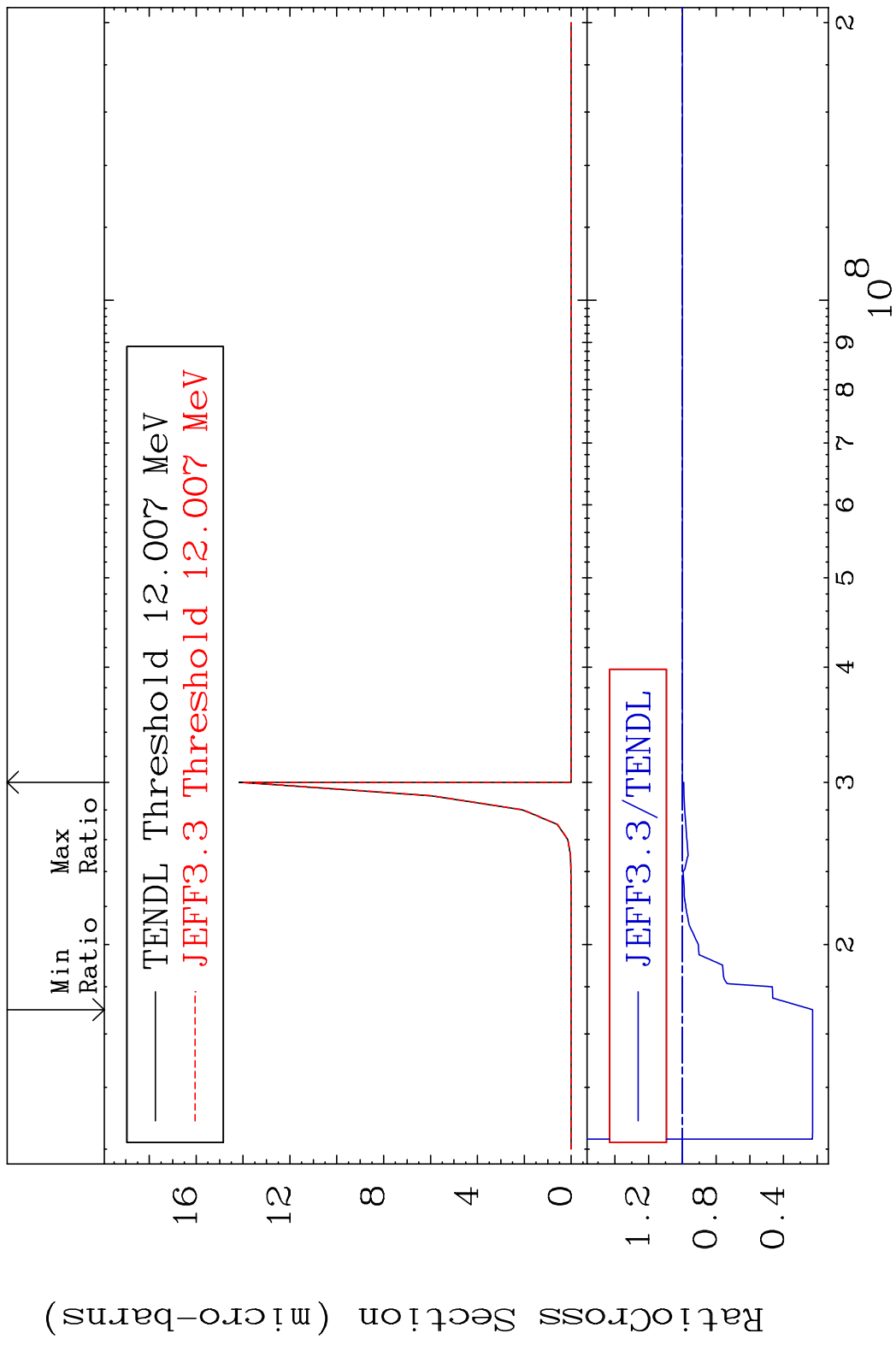
90 Incident Energy (eV) 52-Te-132

MAT 5261 (n, t):51-Sb-130m1 52-Te-132
 Radionuclide Production Cross Section to 0.000 %

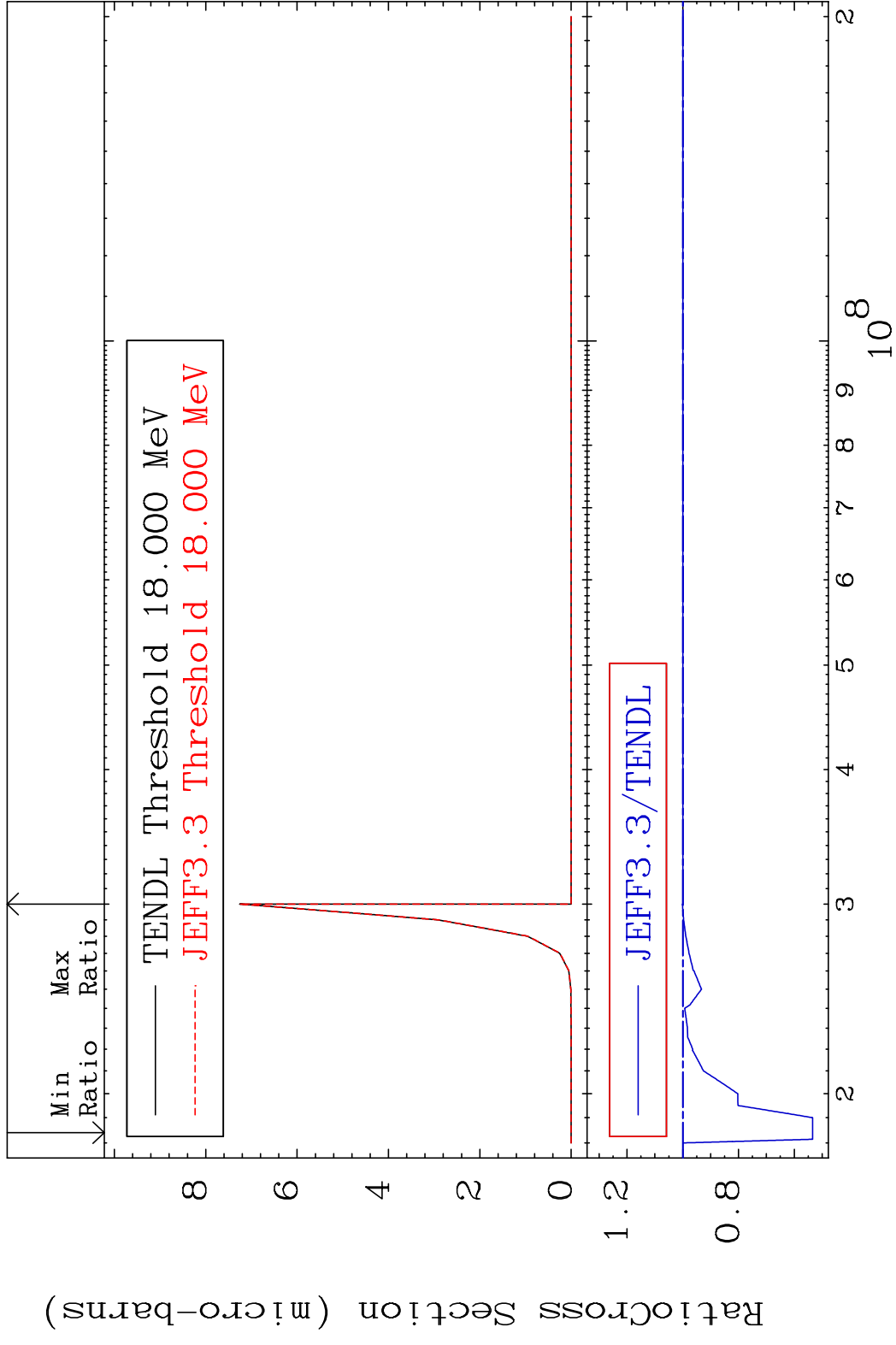


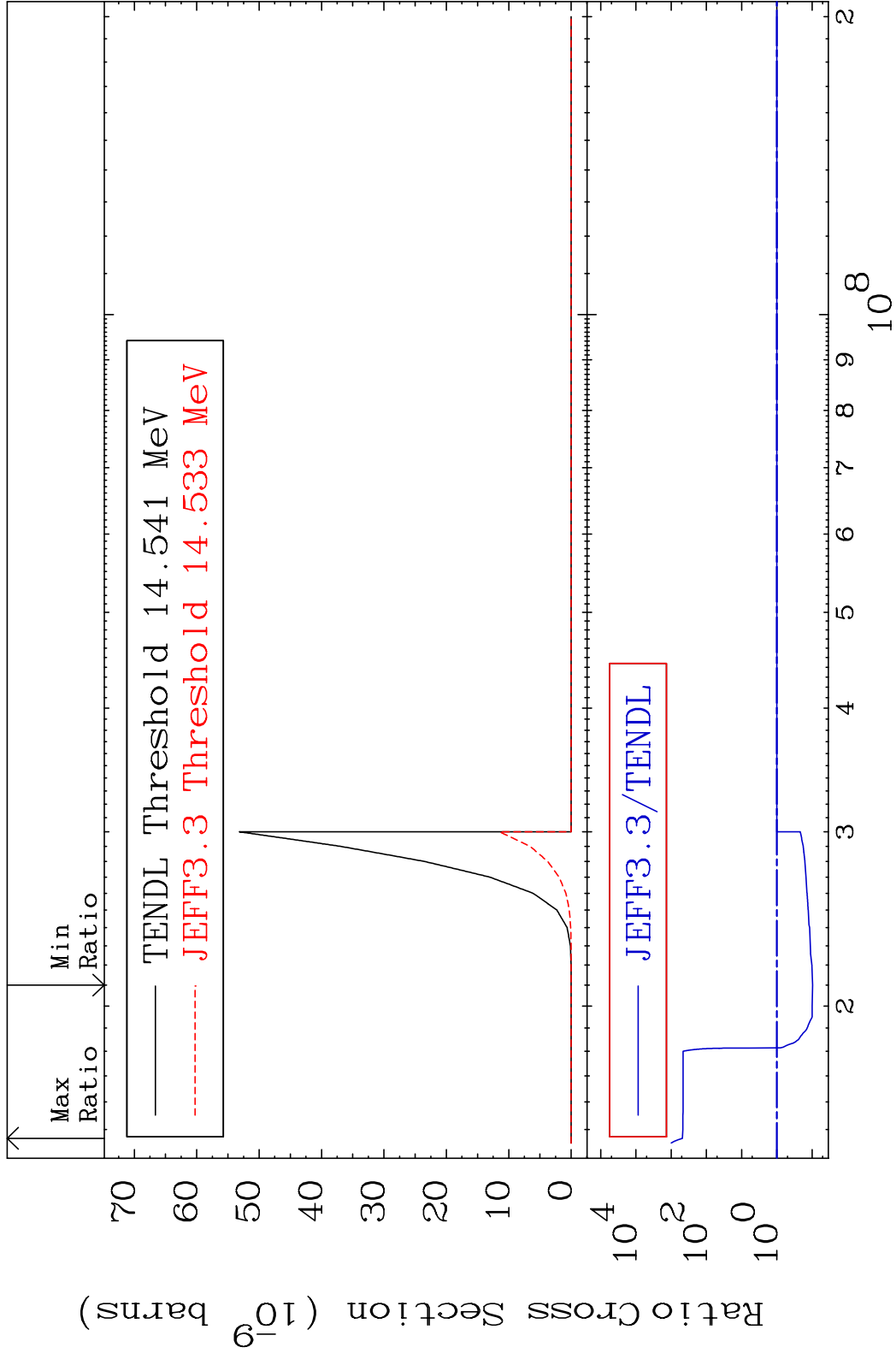
91 Incident Energy (eV) 52-Te-132

MAT 5261 (n, He-3):50-Sn-130g 52-Te-132
 Radionuclide Production Cross Section 0.000 %



MAT 5261 (n, He-3) : 50-Sn-130m2 52-Te-132
 Radionuclide Production Cross Section 48.571 d10 0.152 %





MAT 5261 (n, 2p):50-Sn-131m1 52-Te-132
 Radionuclide Production Cross Section 98.72 dth 0.000 %

