

Program Complot
(Version 2021-1)

by

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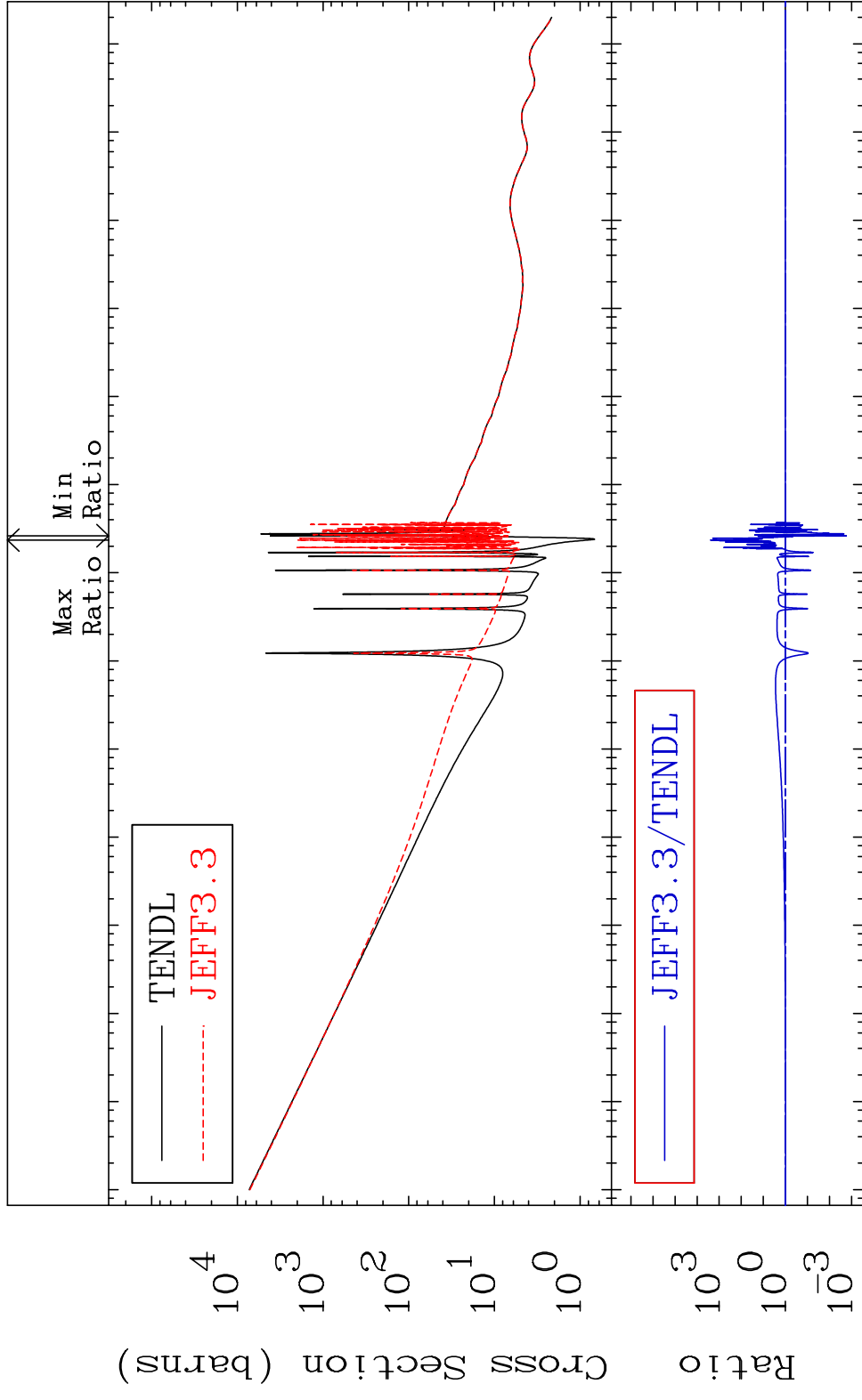
Press Mouse Button to Start

MAT 5528

55-Cs-134

Total

Cross Section -99.83 To 9999. %



1

Incident Energy (eV)

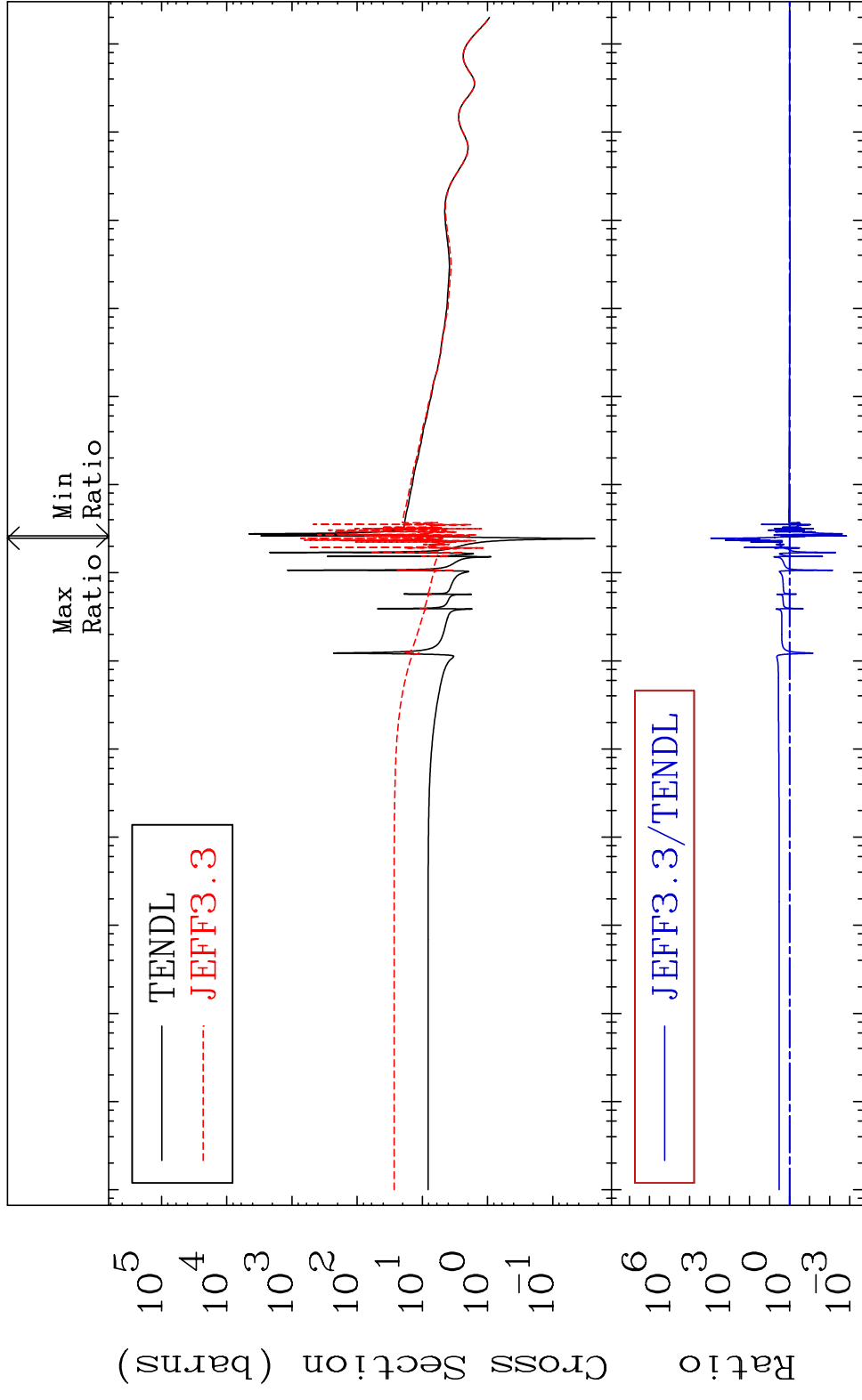
55-Cs-134

MAT 5528

55-Cs-134

Elastic

Cross Section -99.85 To 9999. %

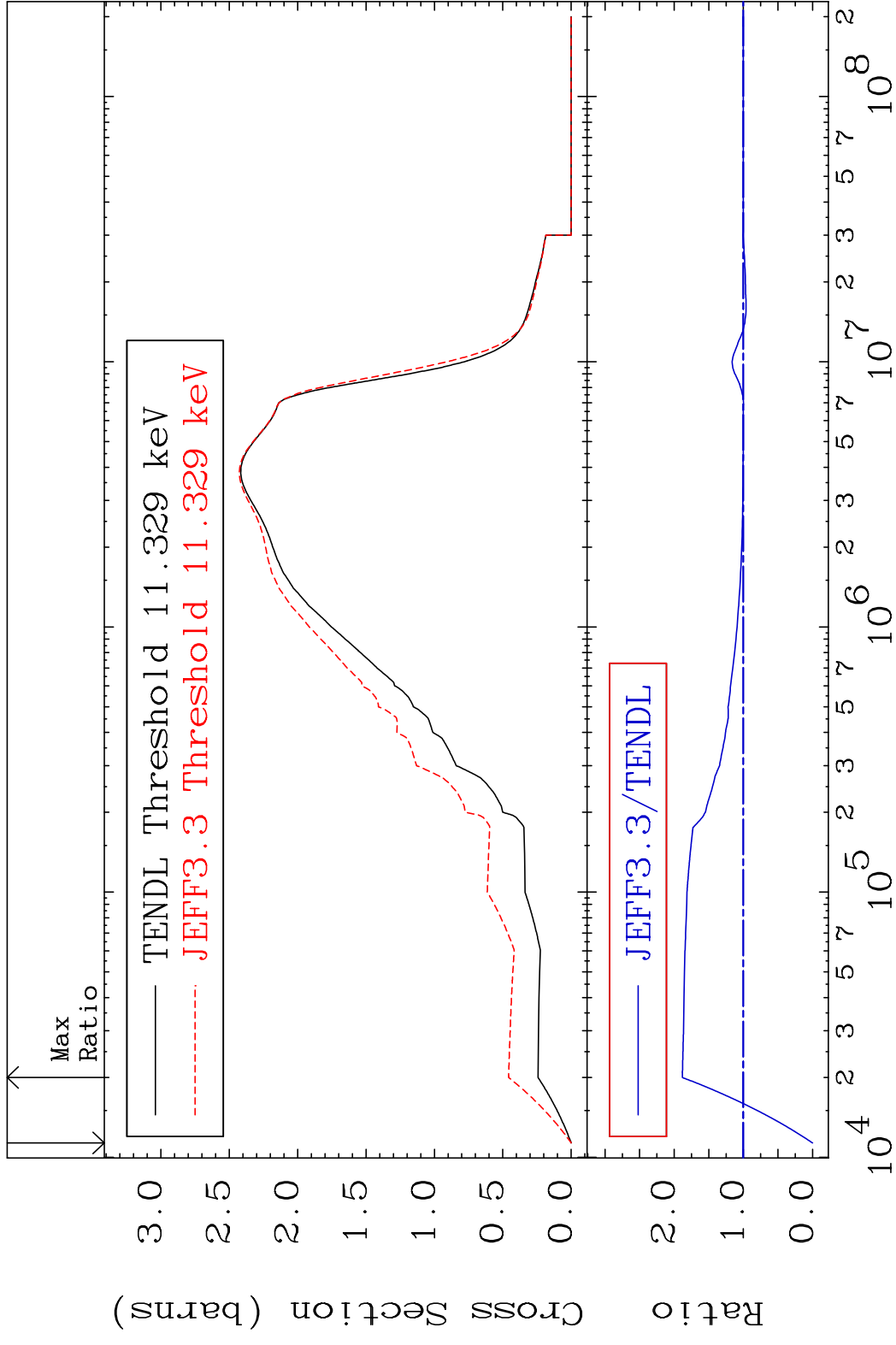


Incident Energy (eV)

2

55-Cs-134

MAT 5528 Inelastic 55-Cs-134
 Cross Section -100.0 To 88.23 %



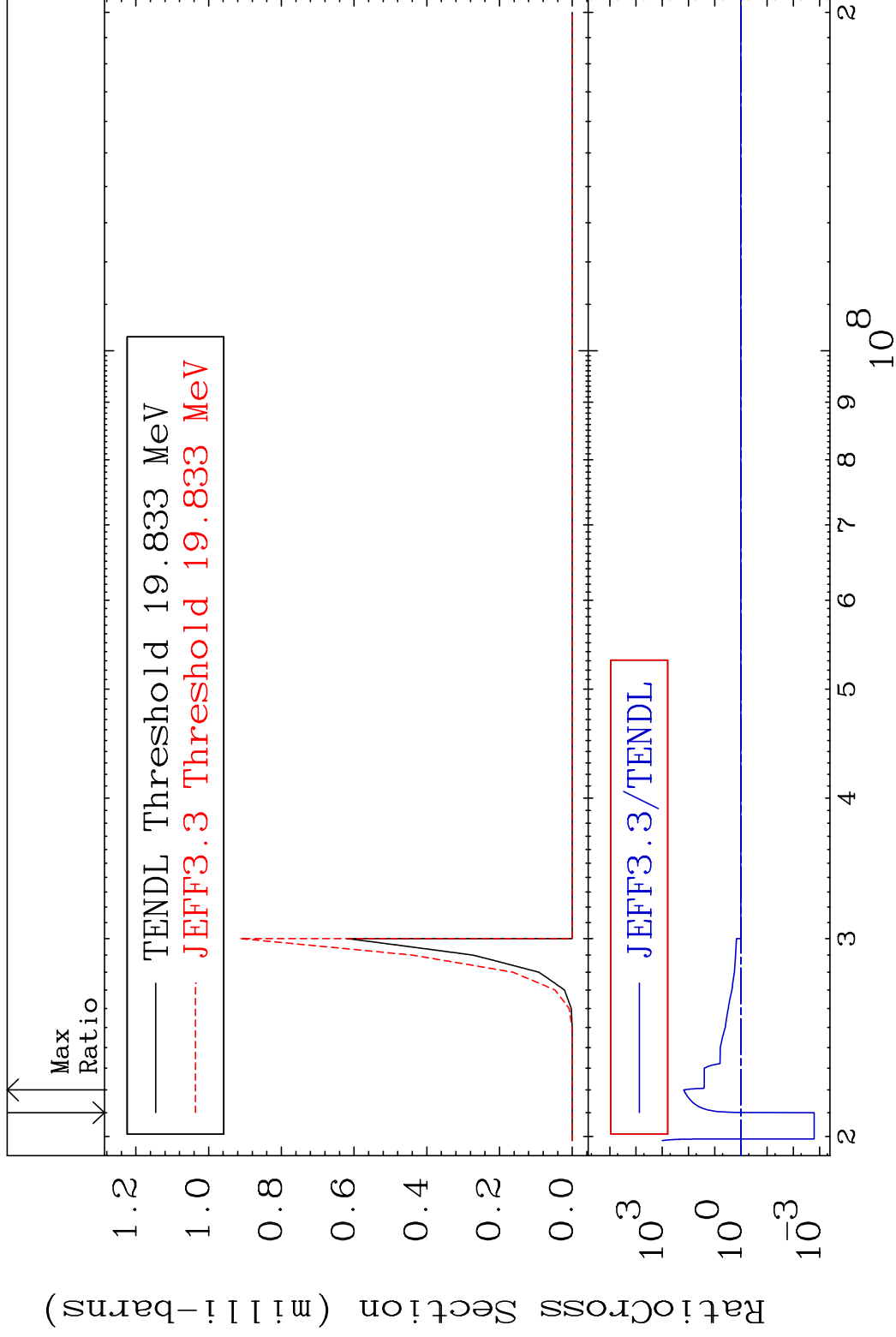
3 10⁴ 2 3 5 7 10⁵ 2 3 5 7 10⁶ 2 3 5 7 10⁷ 2 3 5 7 10⁸ 2
 55-Cs-134

MAT 5528

(n,2n) d

55-Cs-134

Cross Section -99.84 To 9999. %



4

Incident Energy (eV)

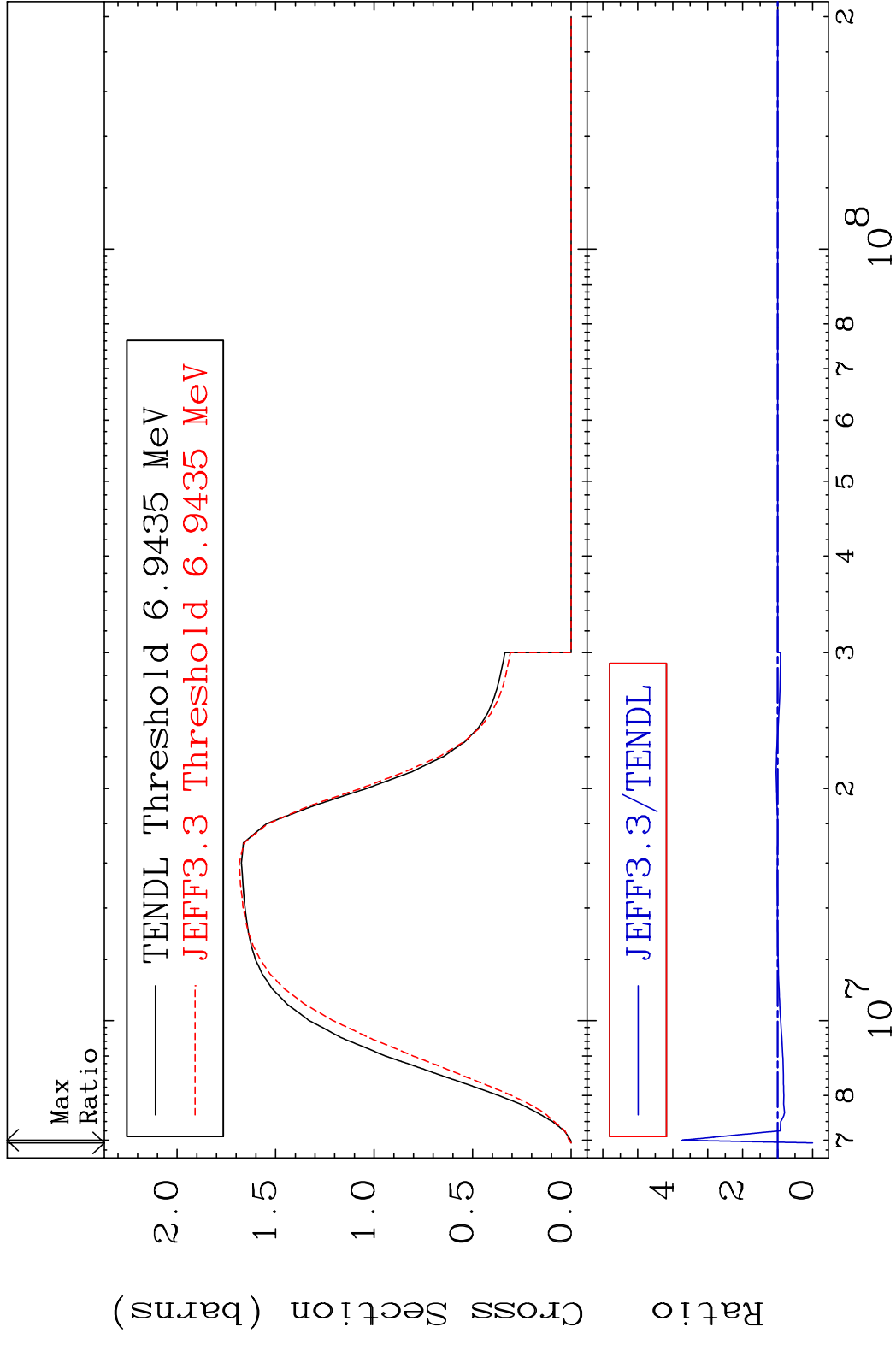
55-Cs-134

MAT 5528

(n,2n)

55-Cs-134

Cross Section -100.0 To 272.5 %



5

Incident Energy (eV)

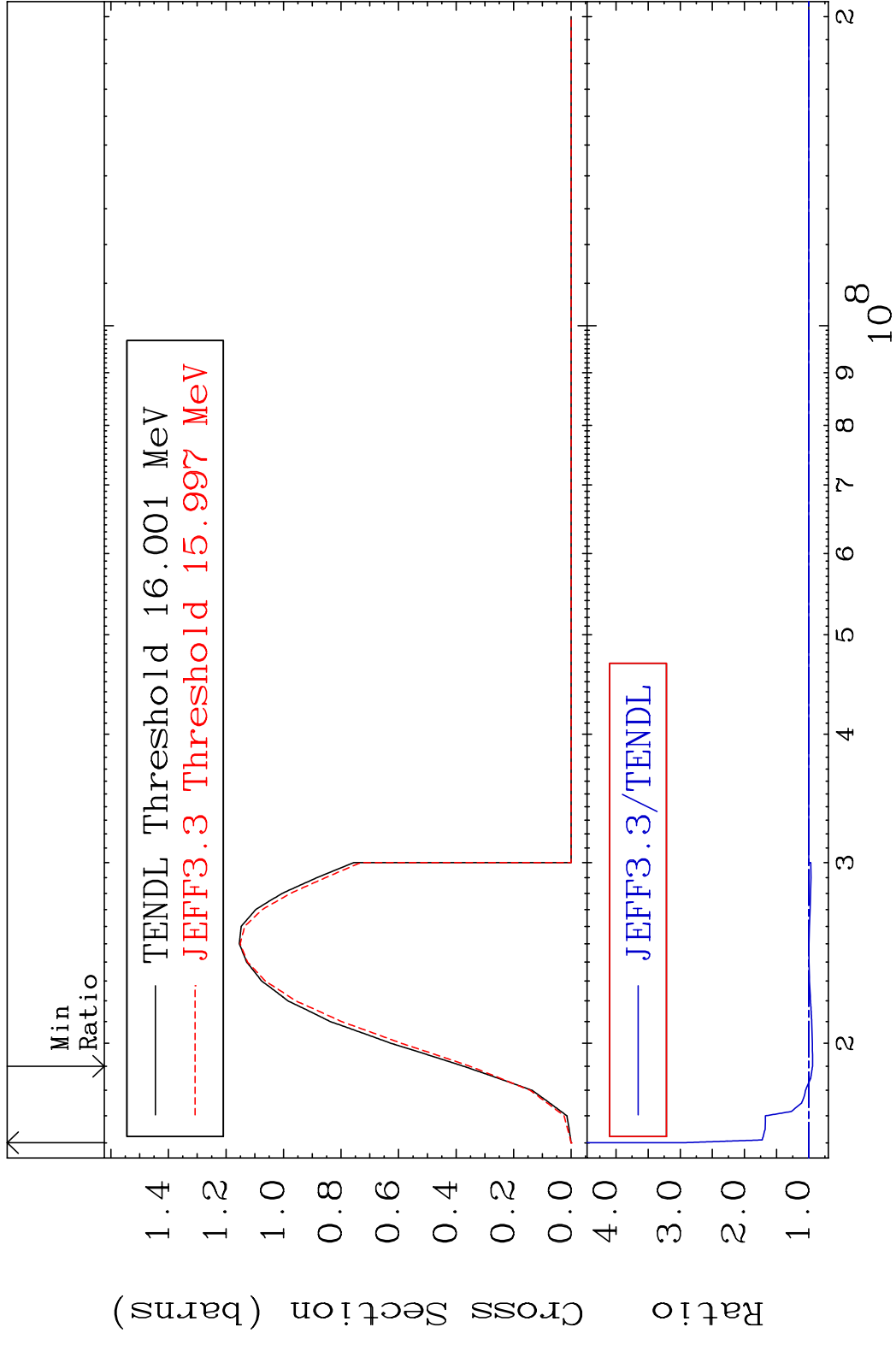
55-Cs-134

MAT 5528

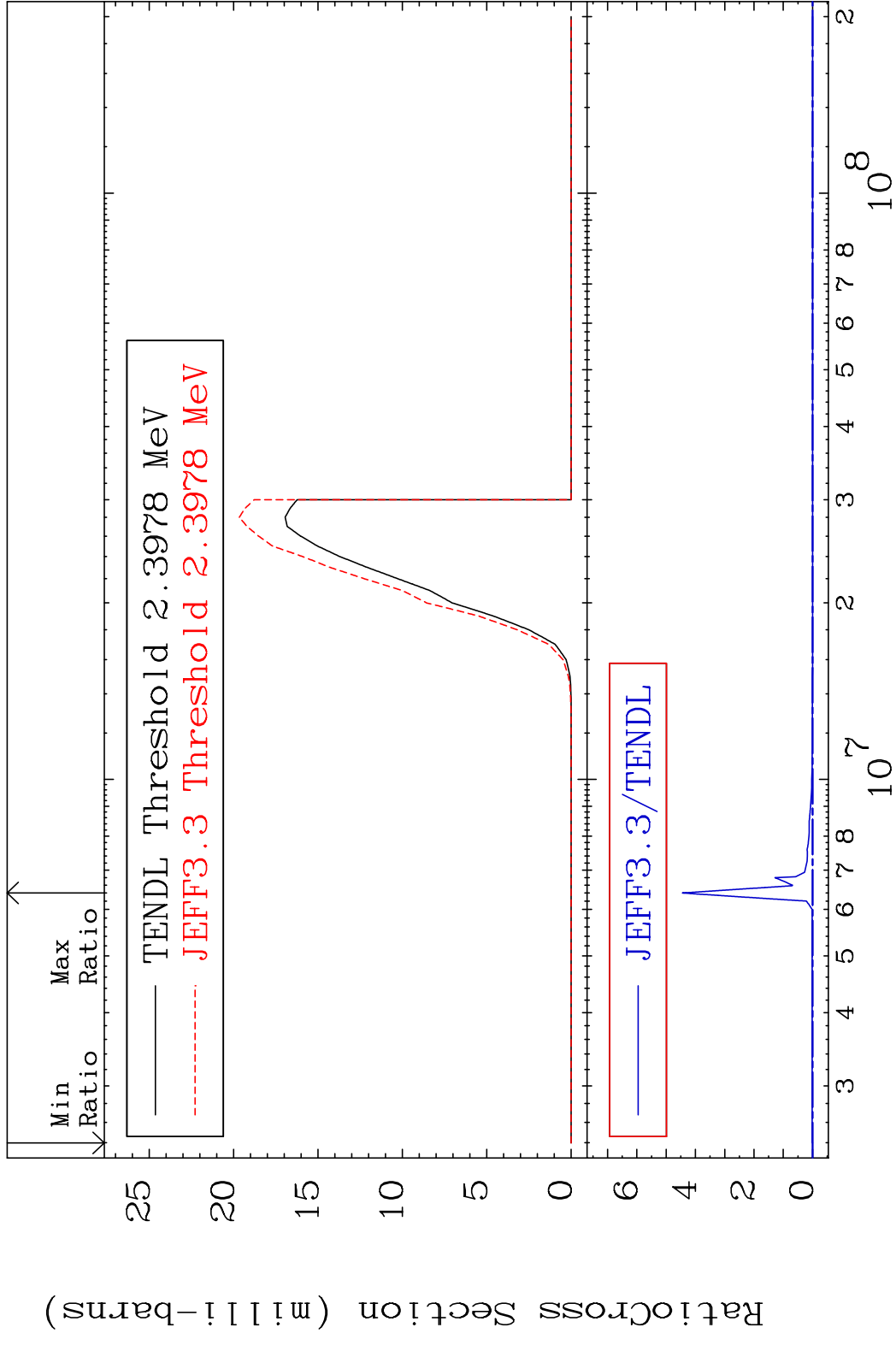
(n,3n)

55-Cs-134

Cross Section -5.915 To 196.7 %



MAT 5528 (n, n') α 55-Cs-134
 Cross Section -100.0 To 9999. %



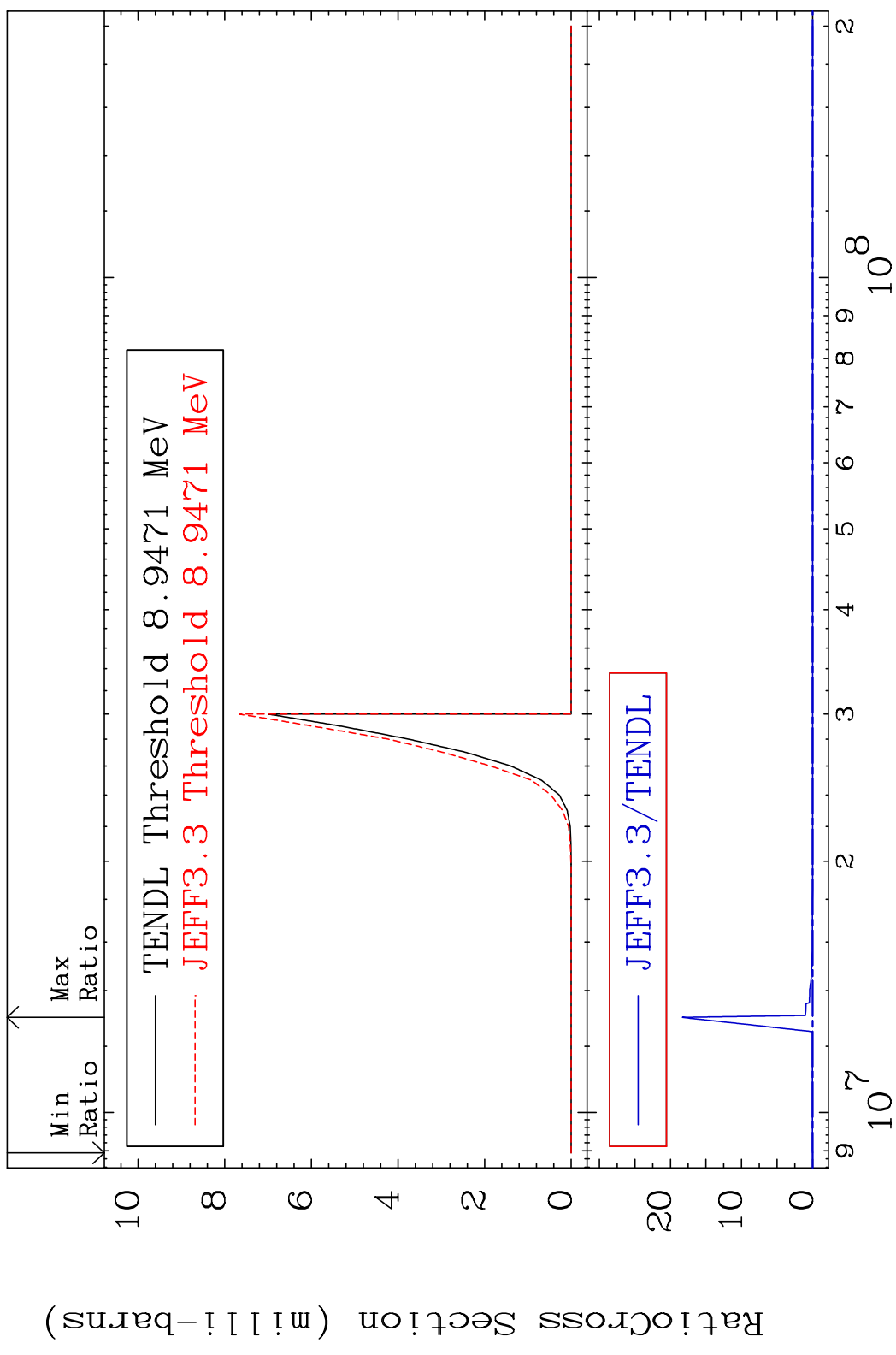
7 Incident Energy (eV) 55-Cs-134

MAT 5528

(n,2n) α

55-Cs-134

Cross Section -100.0 To 9999. %

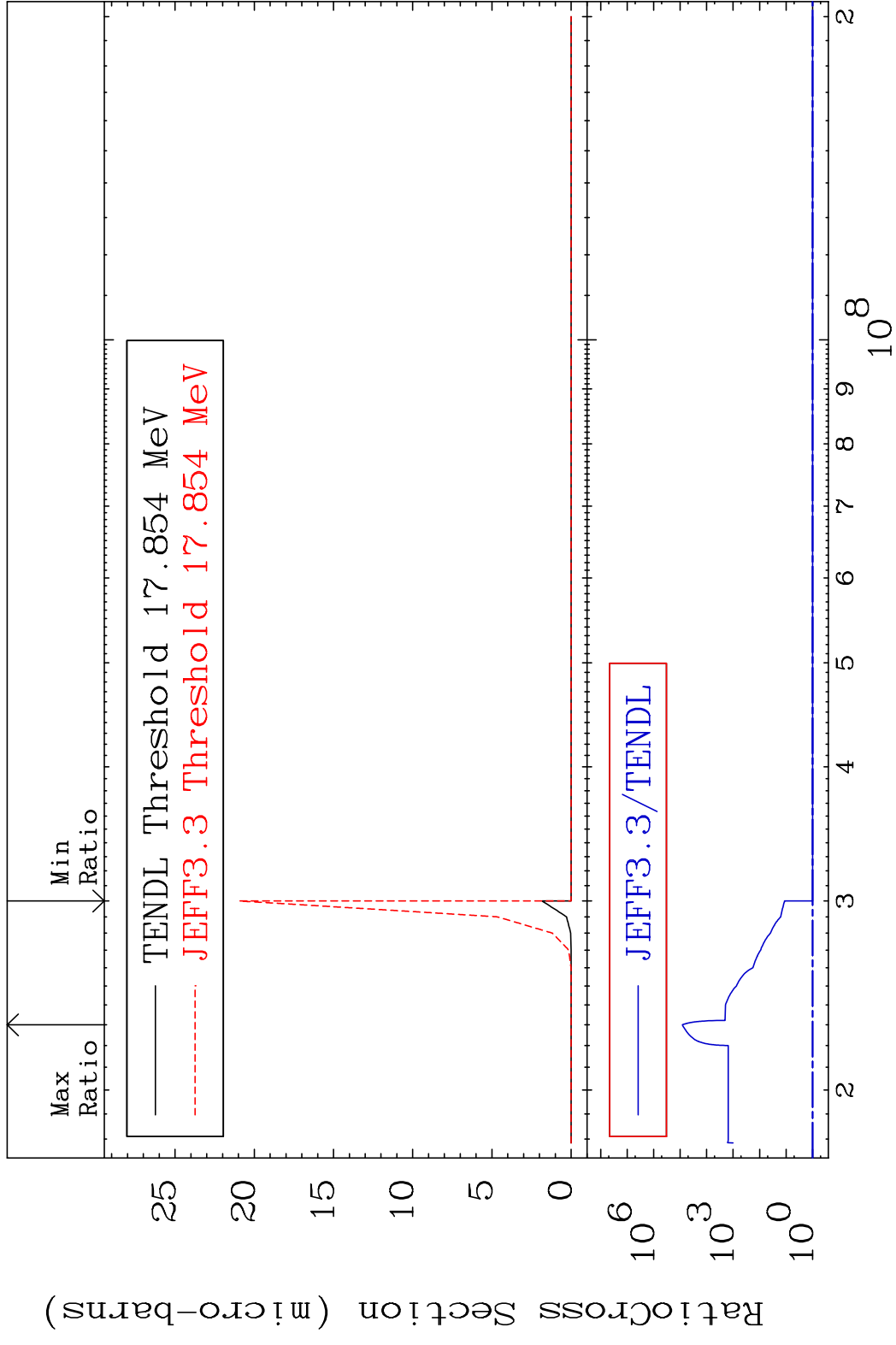


8

Incident Energy (eV)

55-Cs-134

MAT 5528 (n,3n) α 55-Cs-134
 Cross Section 0.000 To 9999. %

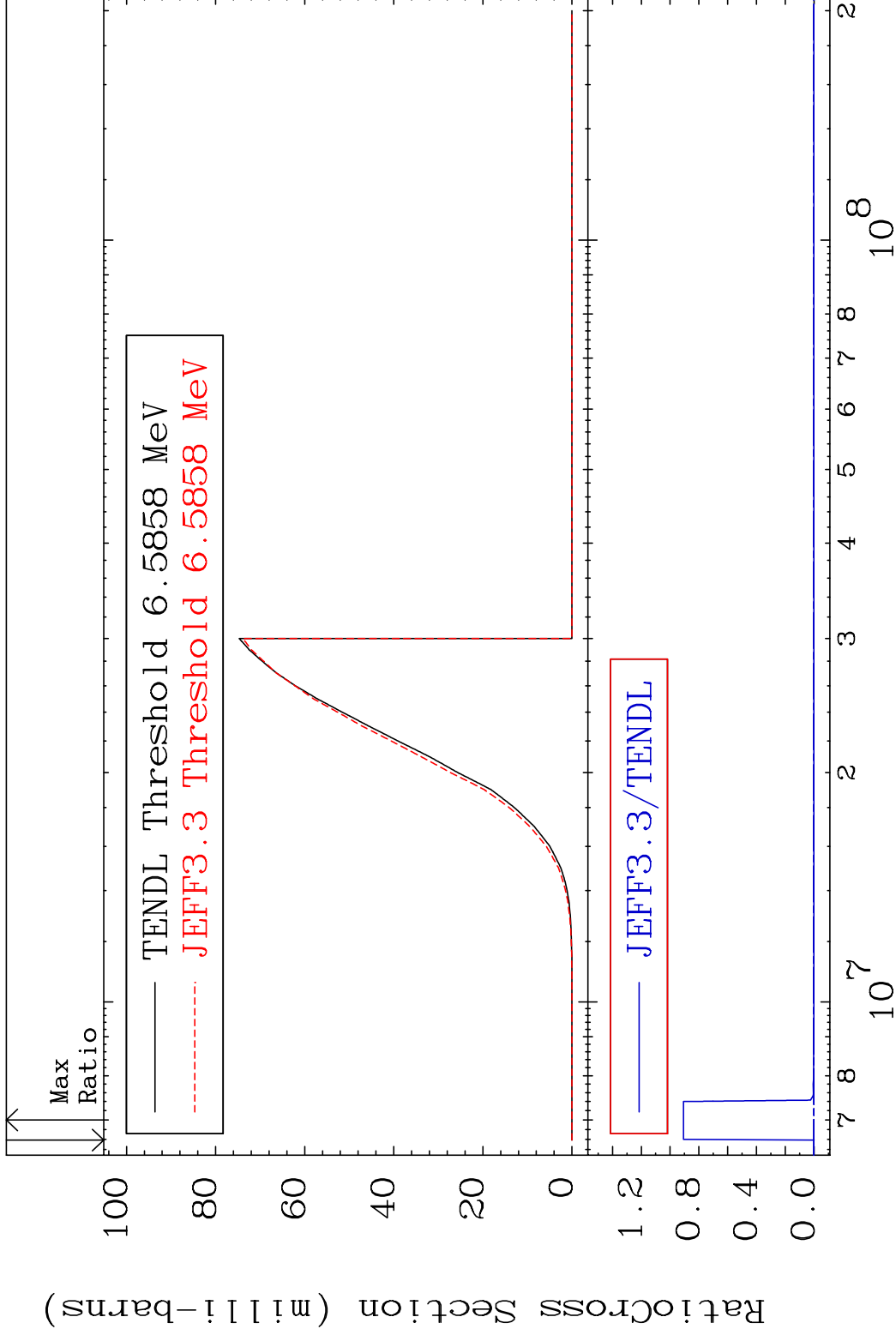


MAT 5528

(n, n') p

55-Cs-134

Cross Section -100.0 To 9999. %

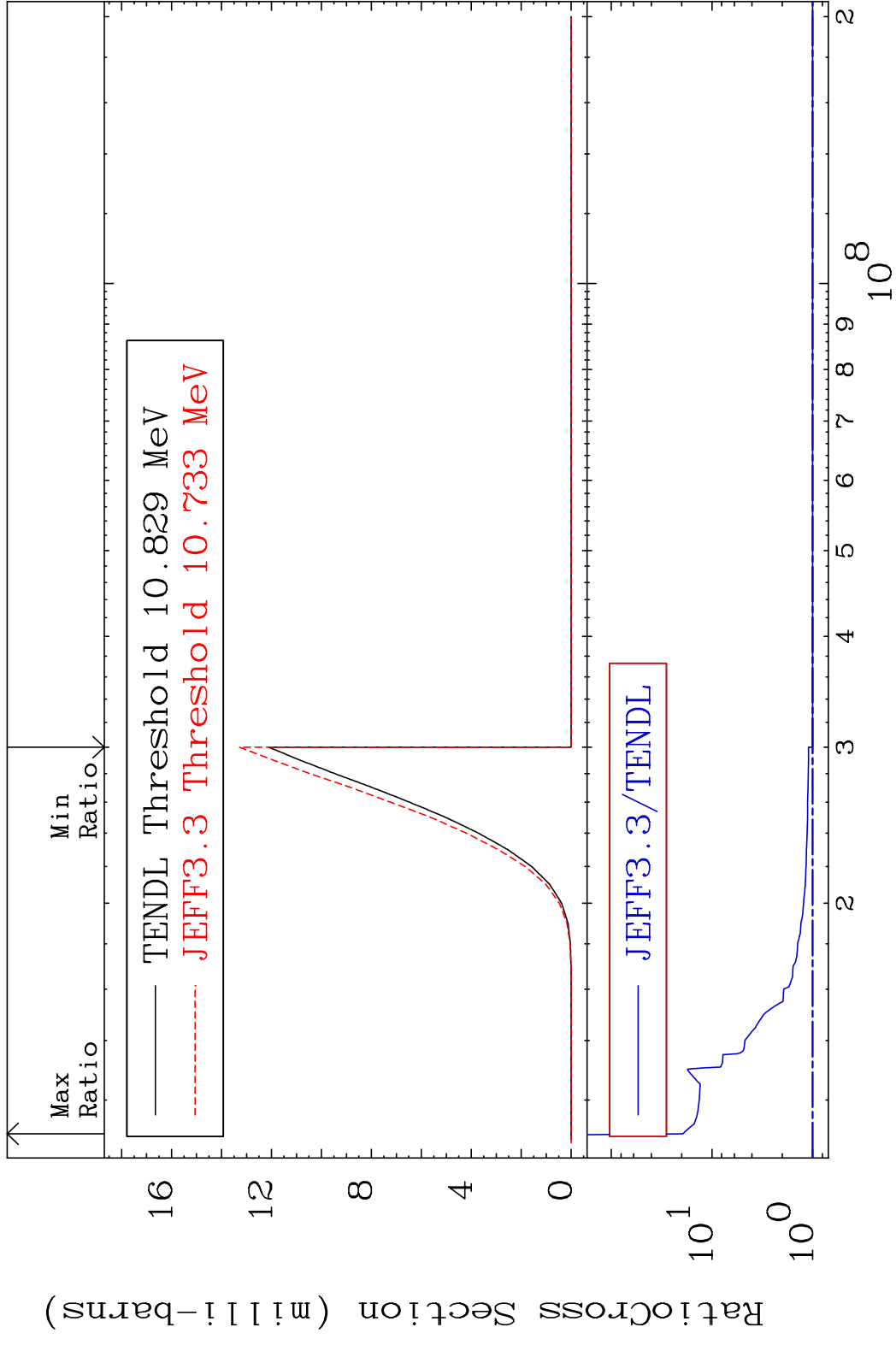


10

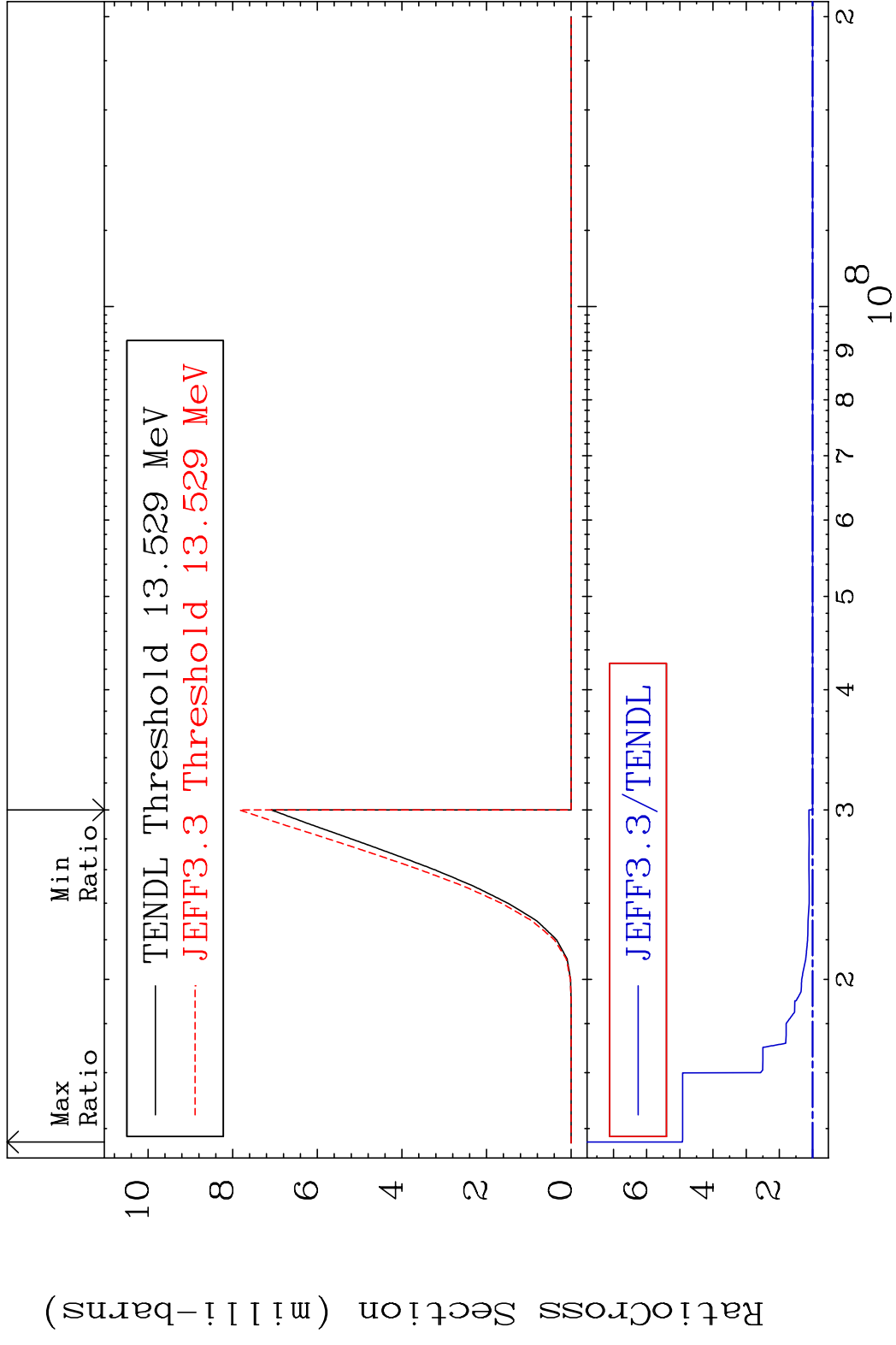
Incident Energy (eV)

55-Cs-134

MAT 5528 (n, n') d 55-Cs-134
 Cross Section 0.000 To 1869. %



MAT 5528 (n, n') t 55-Cs-134
 Cross Section 0.000 To 392.4 %

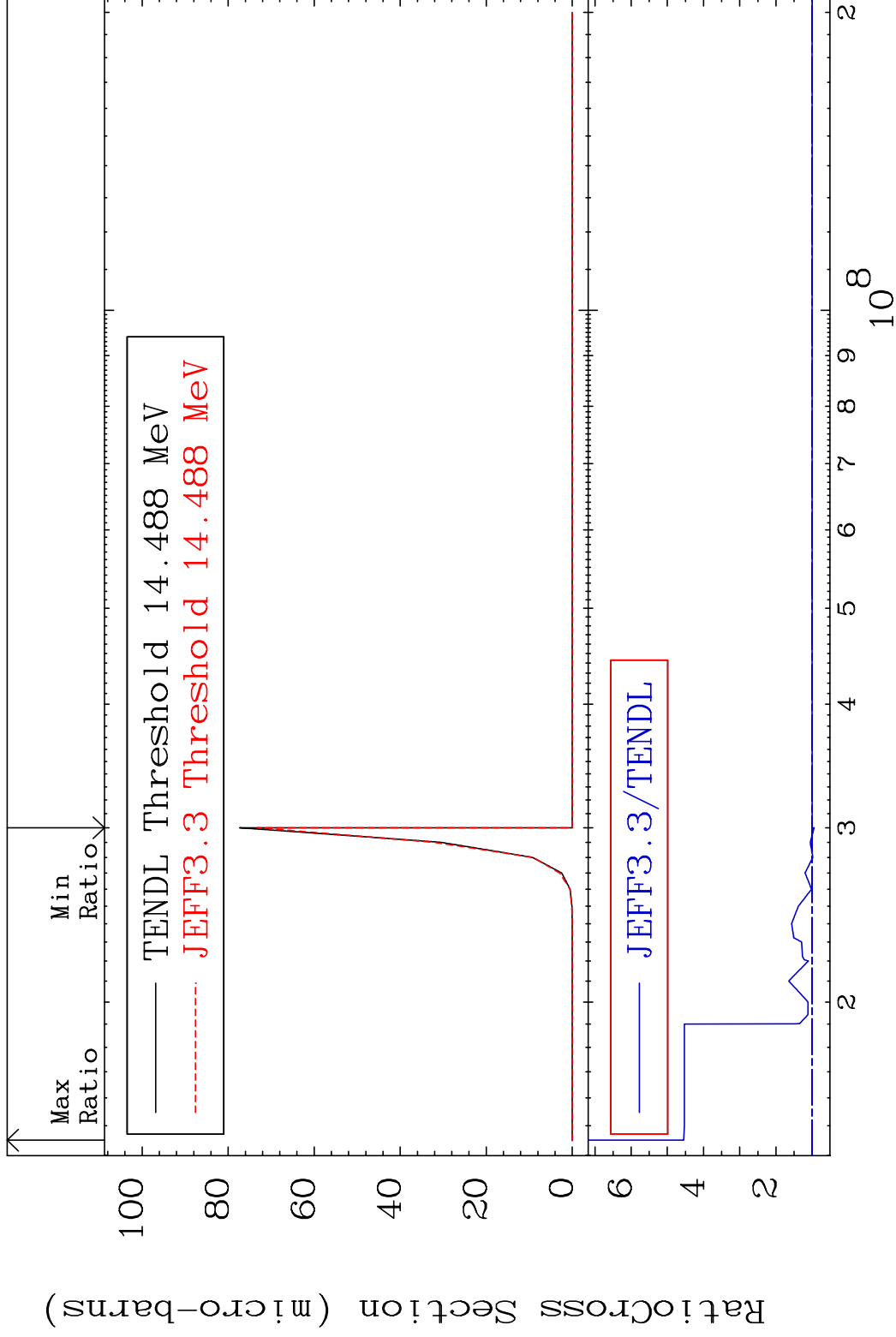


MAT 5528

(n,n') He-3

55-Cs-134

Cross Section -5.279 To 355.0 %

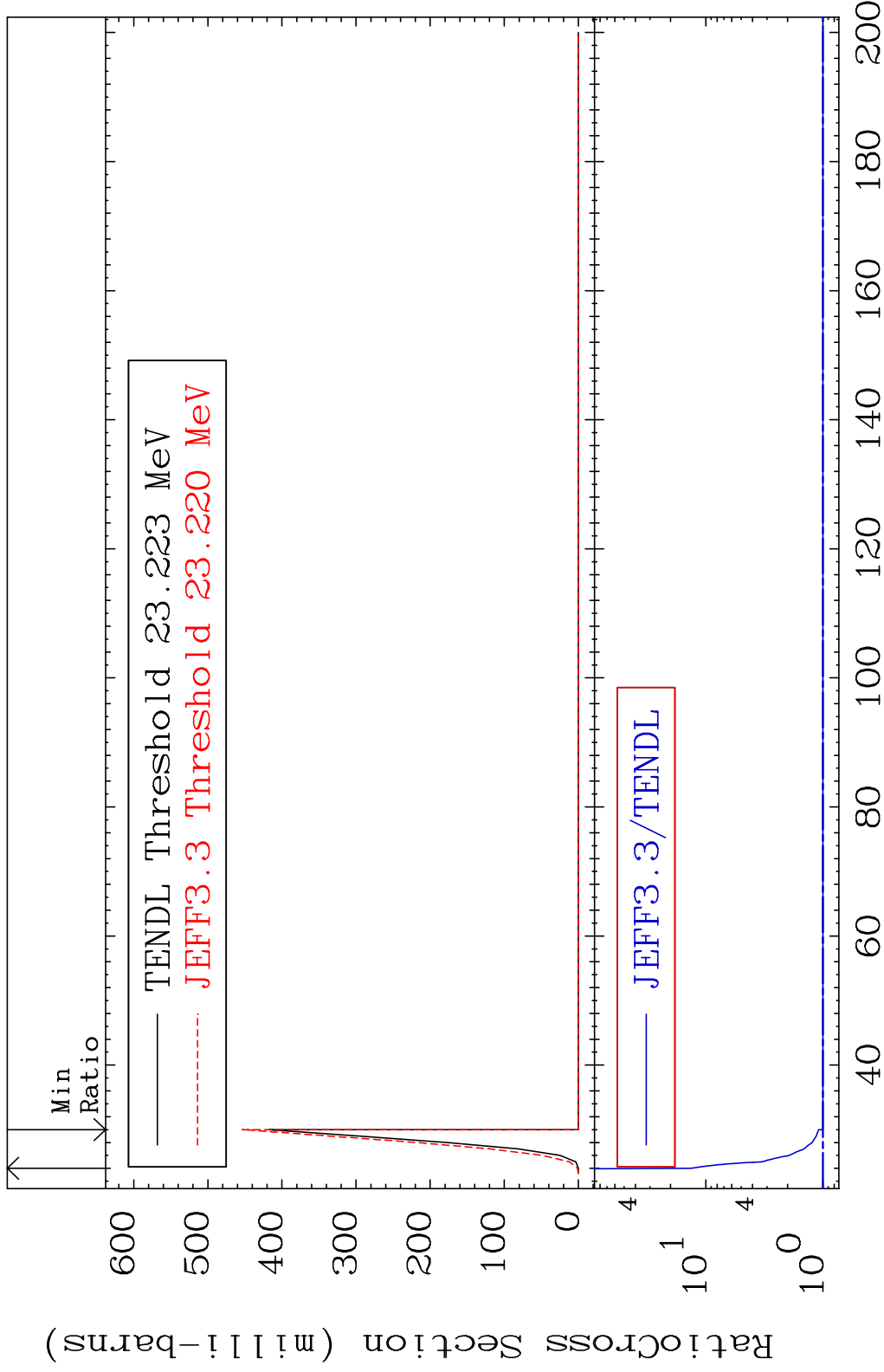


MAT 5528

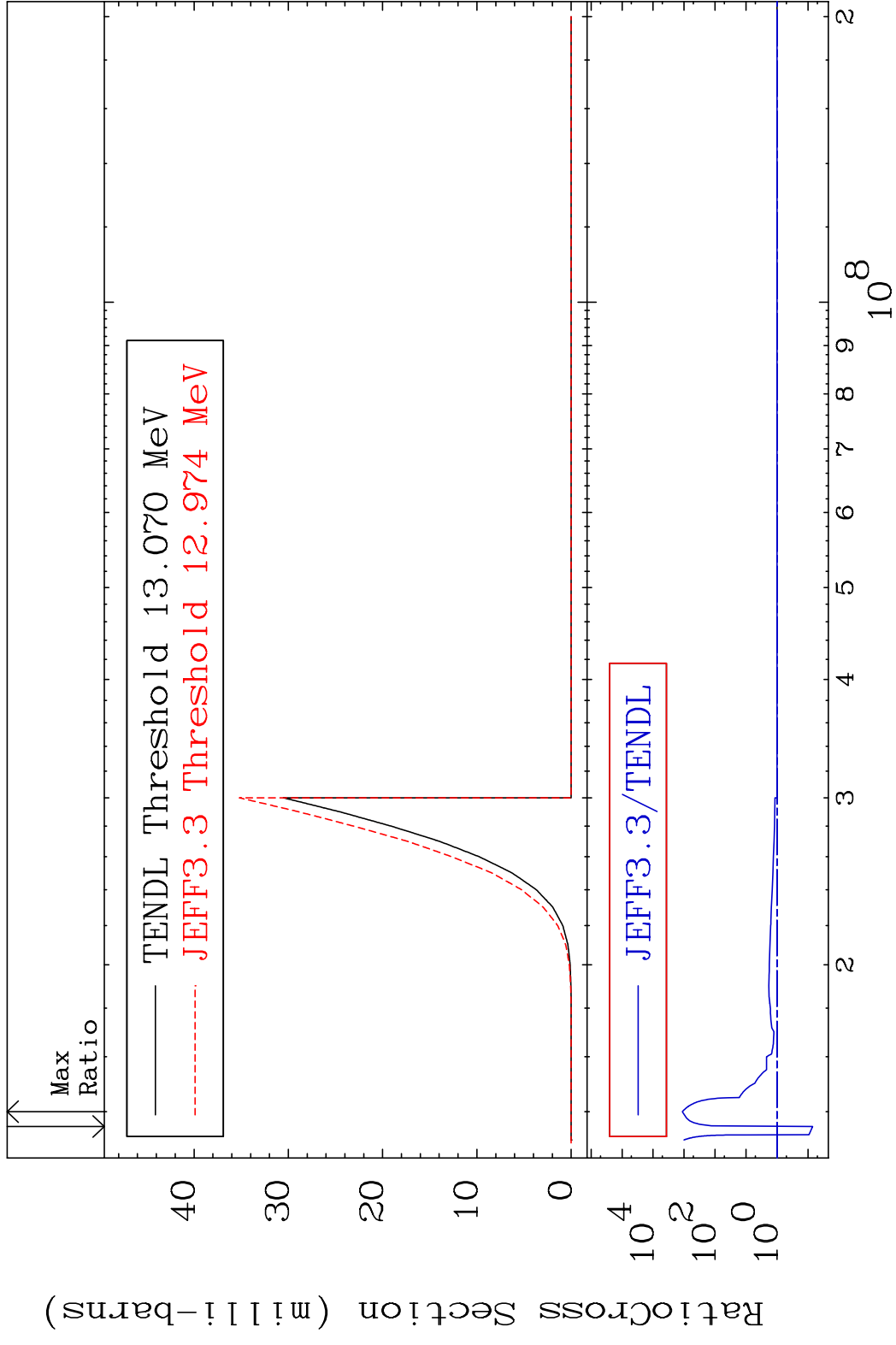
(n,4n)

55-Cs-134

Cross Section 0.000 To 1238. %



MAT 5528 (n,2n) p 55-Cs-134
 Cross Section -92.90 To 9999. %

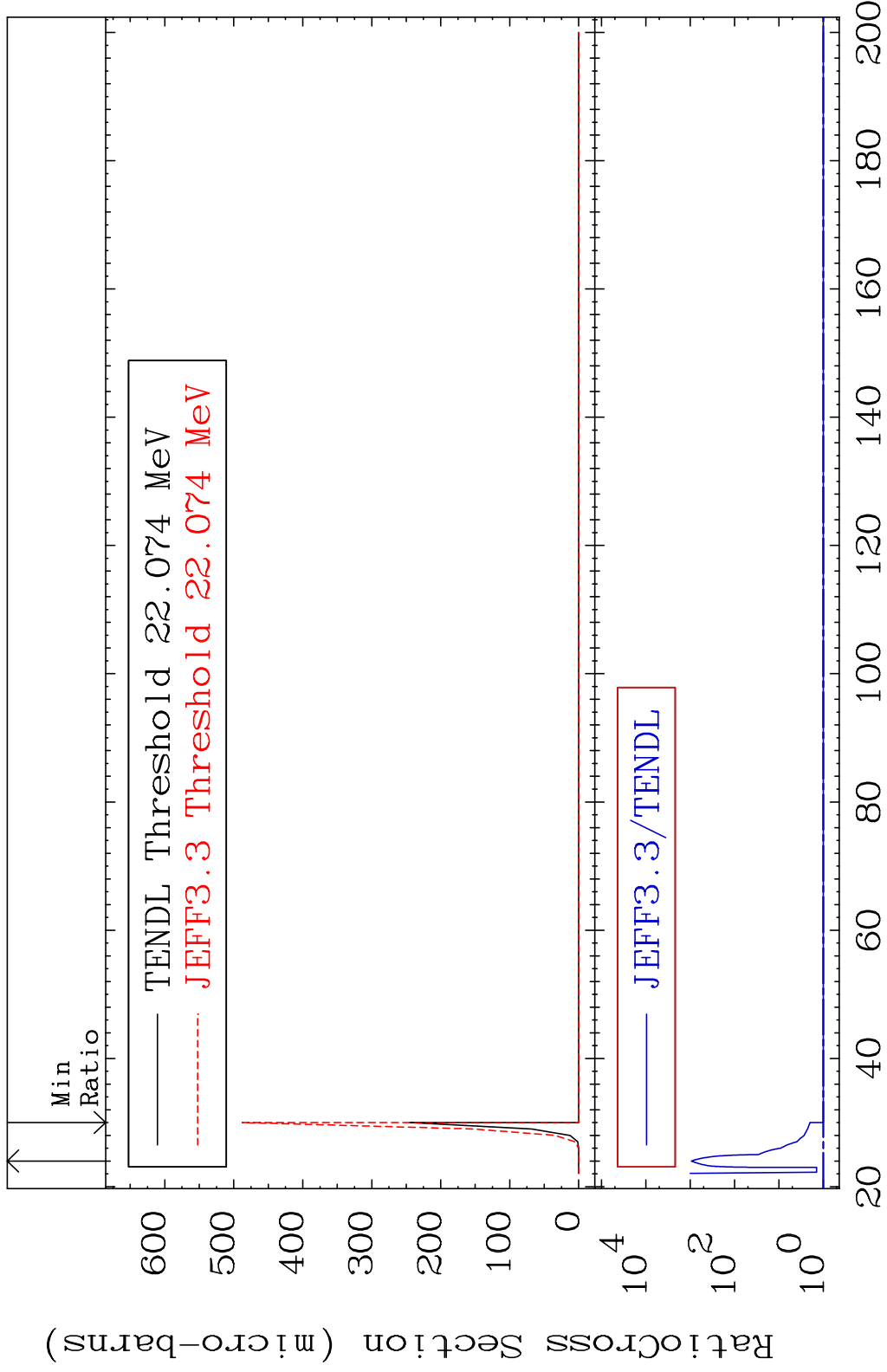


MAT 5528

(n,3n) p

55-Cs-134

Cross Section 0.000 To 9999. %

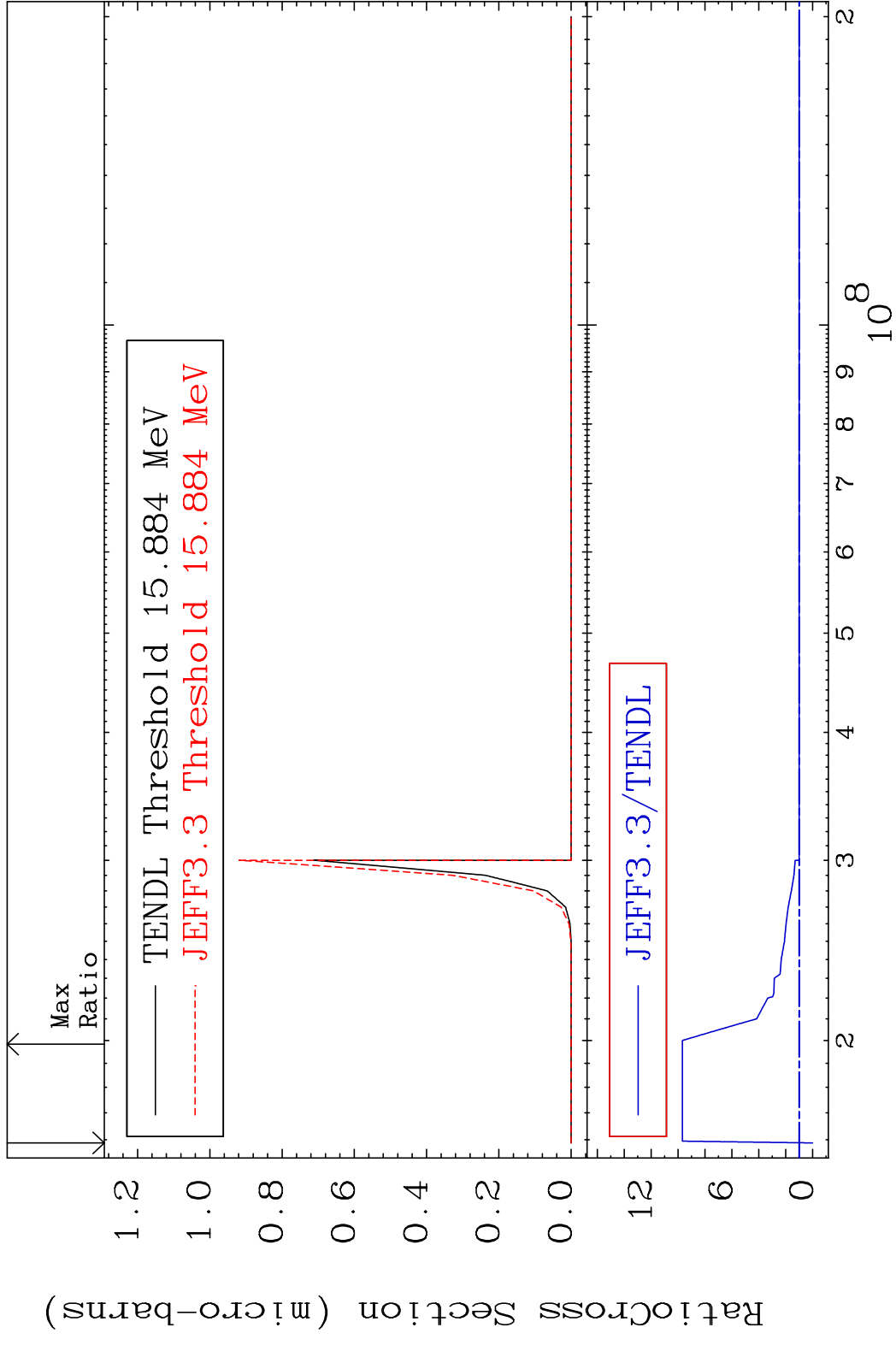


MAT 5528

(n,2n) p

55-Cs-134

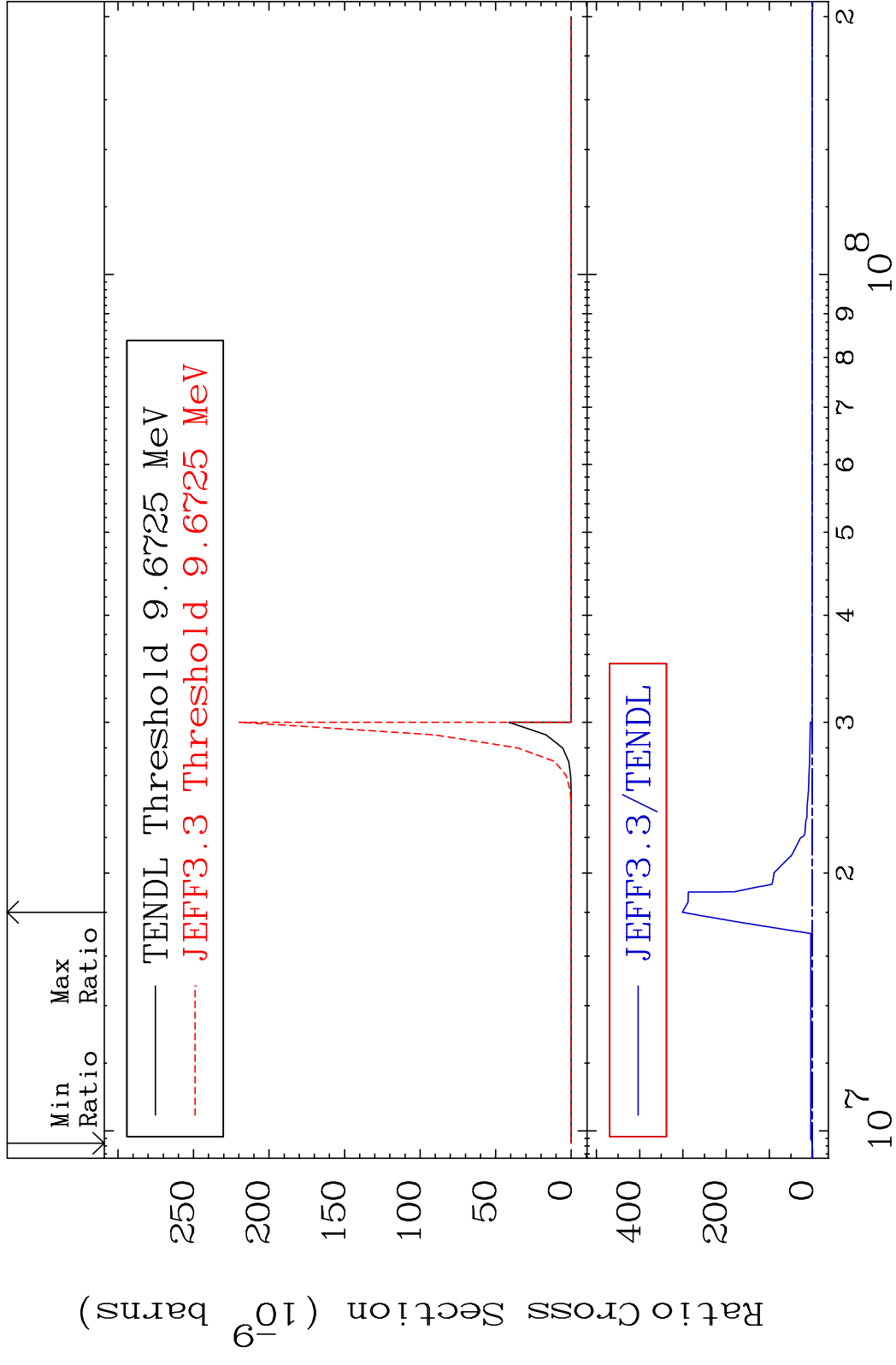
Cross Section -100.0 To 868.3 %



MAT 5528

(n,n') p α 55-Cs-134

Cross Section -100.0 To 9999. %

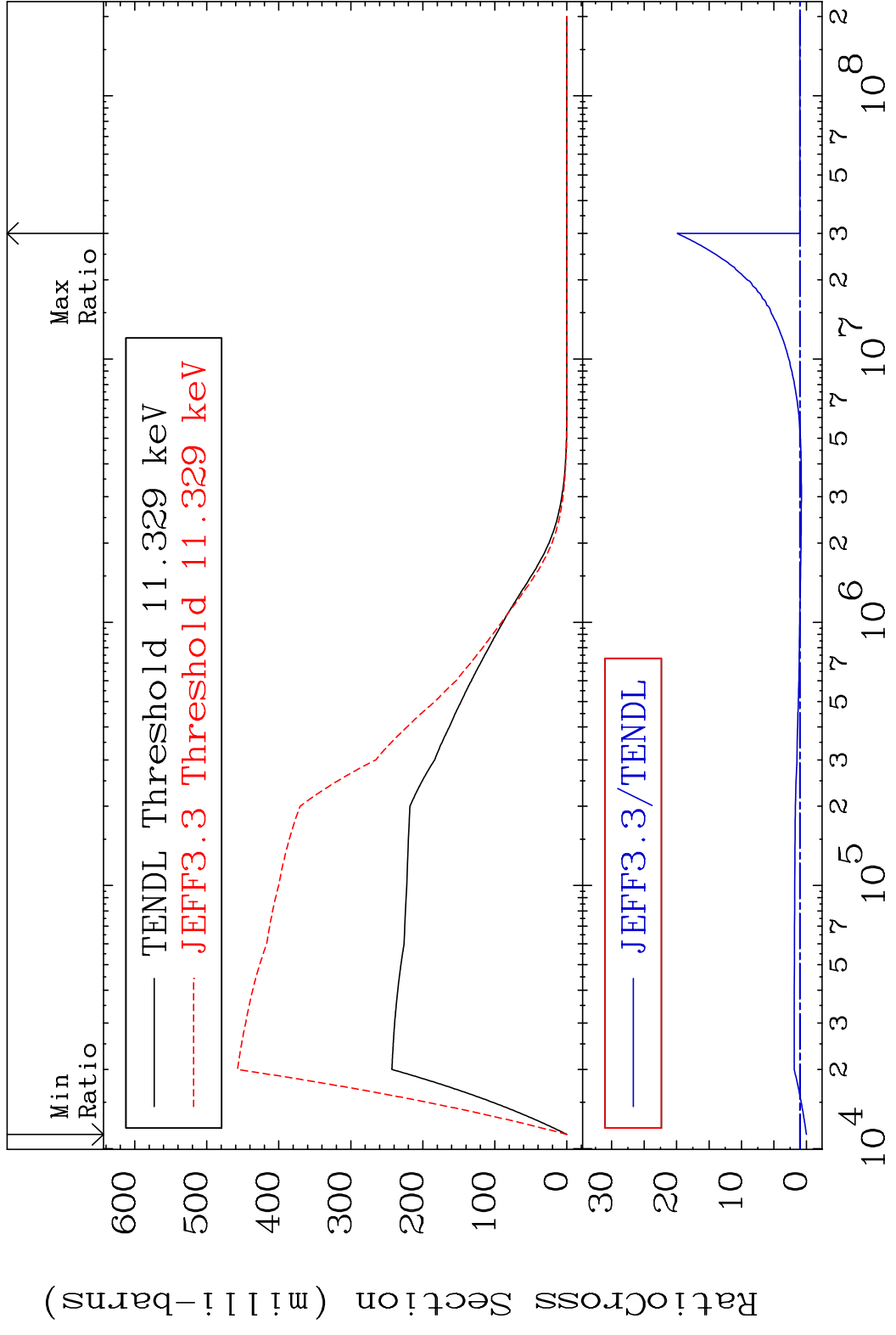


18

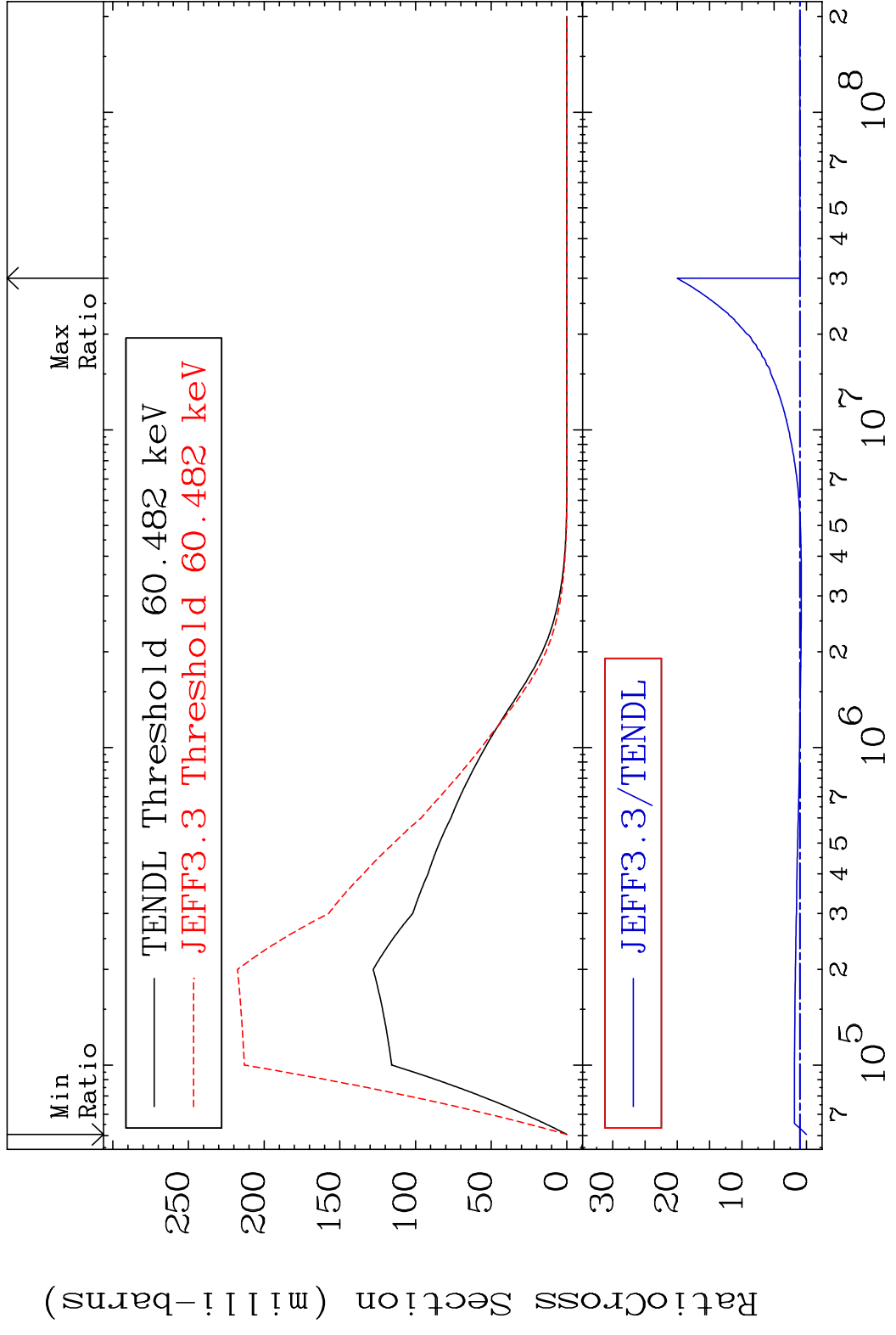
Incident Energy (eV)

55-Cs-134

MAT 5528 MT= 51 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 1891. %

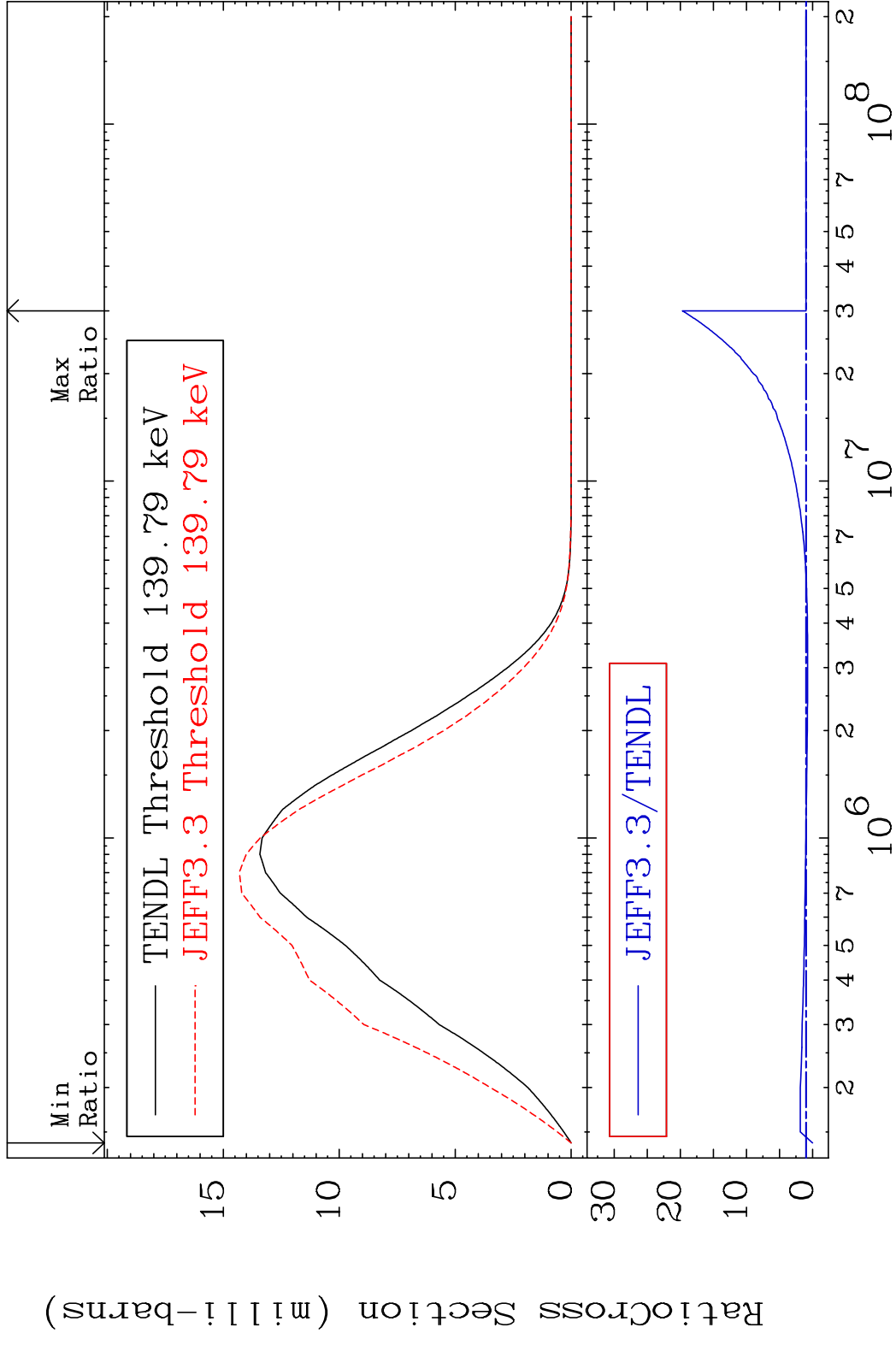


MAT 5528 MT= 52 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 1902. %

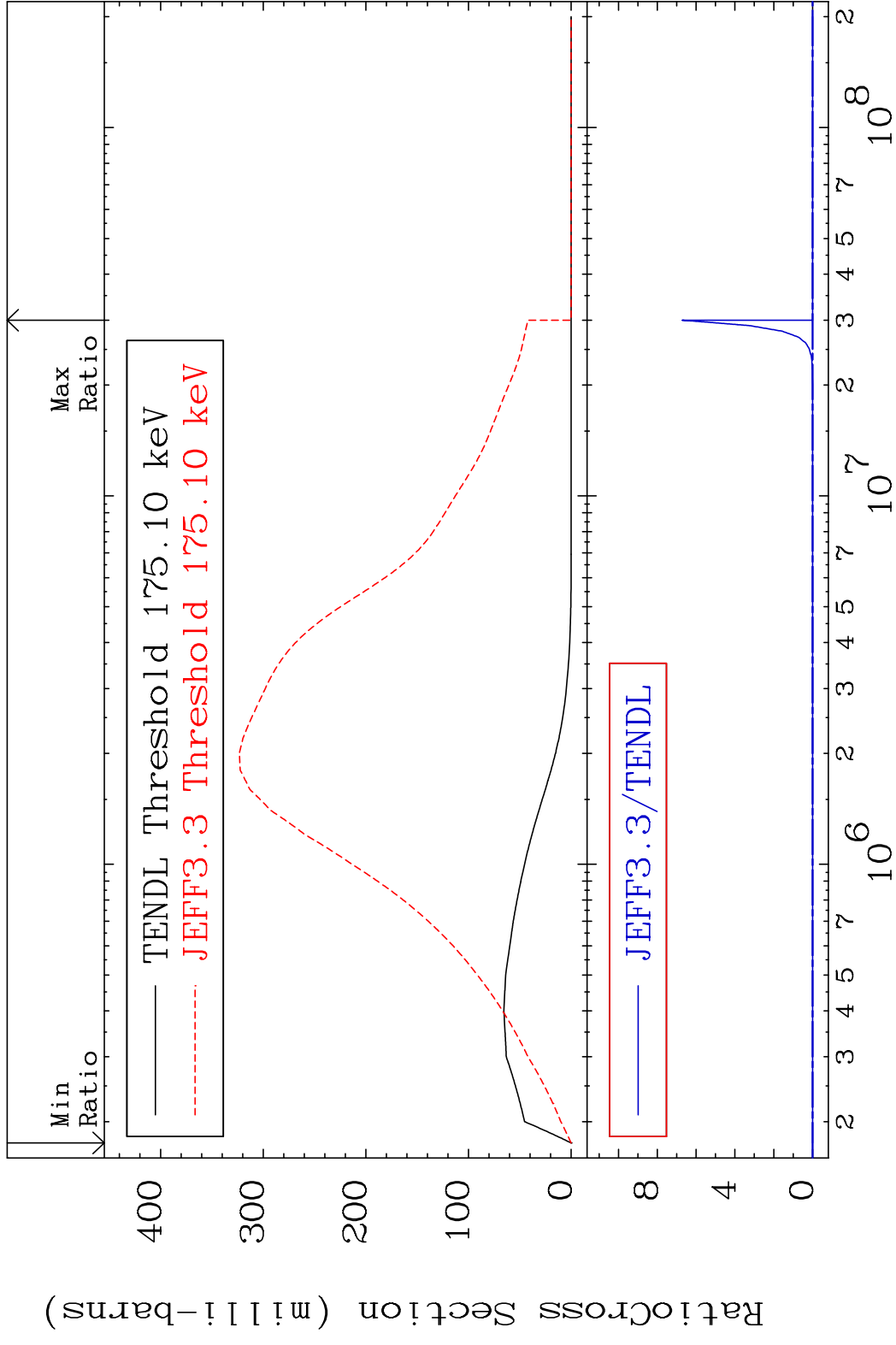


20 Incident Energy (eV) 55-Cs-134

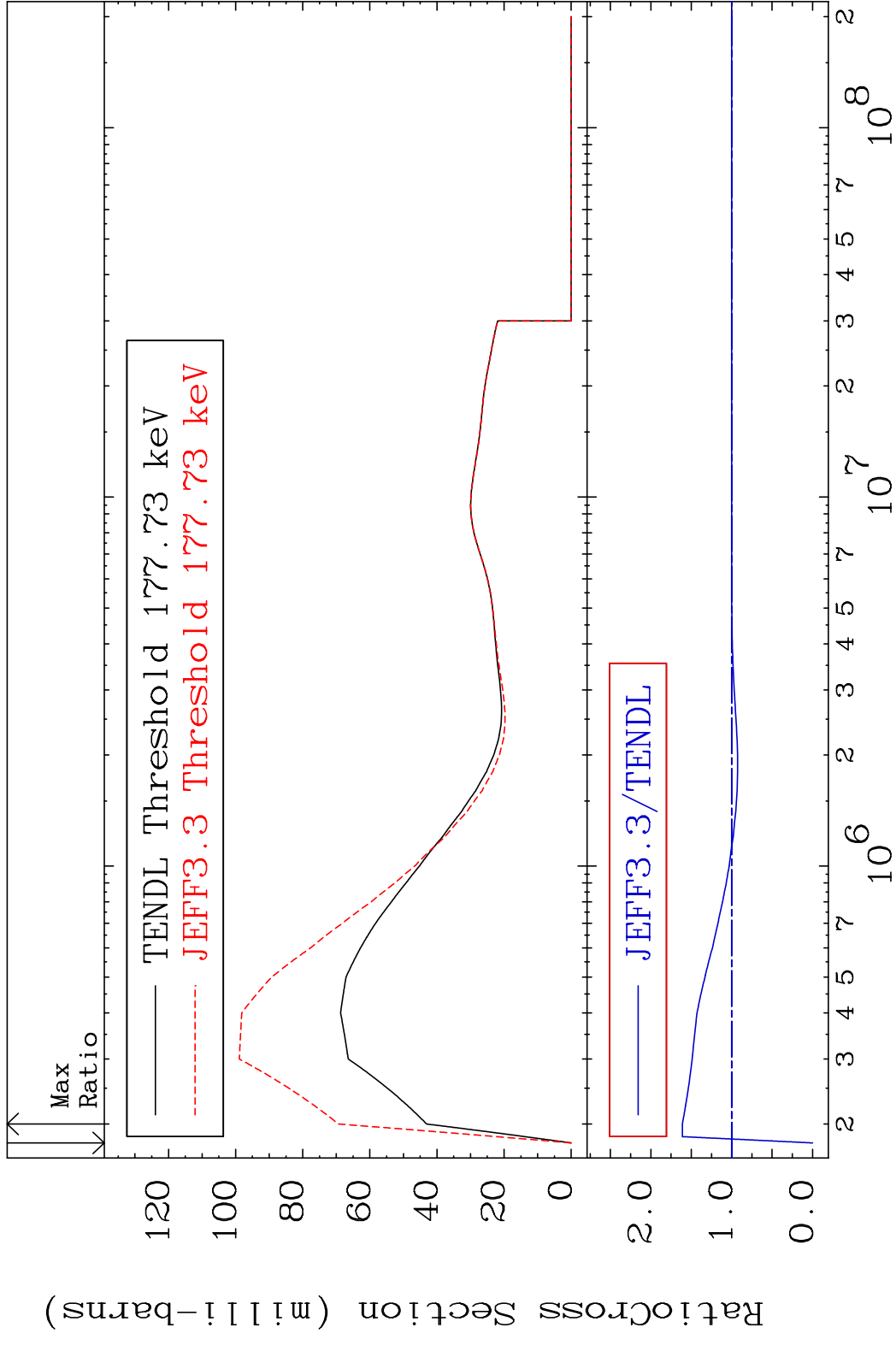
MAT 5528 MT= 53 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 1868. %



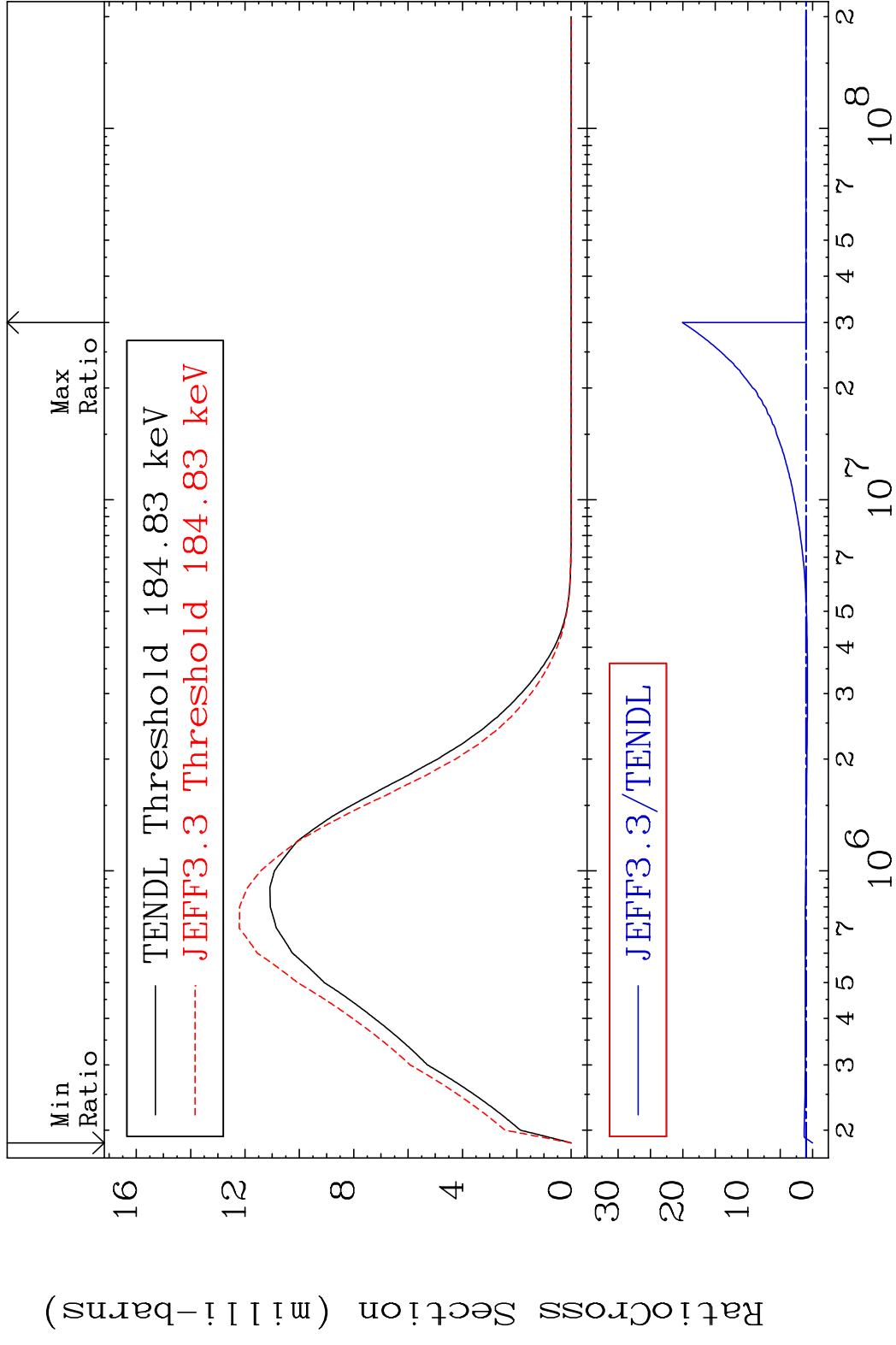
MAT 5528 MT= 54 (n, n') Level 55-Cs-134
 Cross Section -100.0 To 9999. %



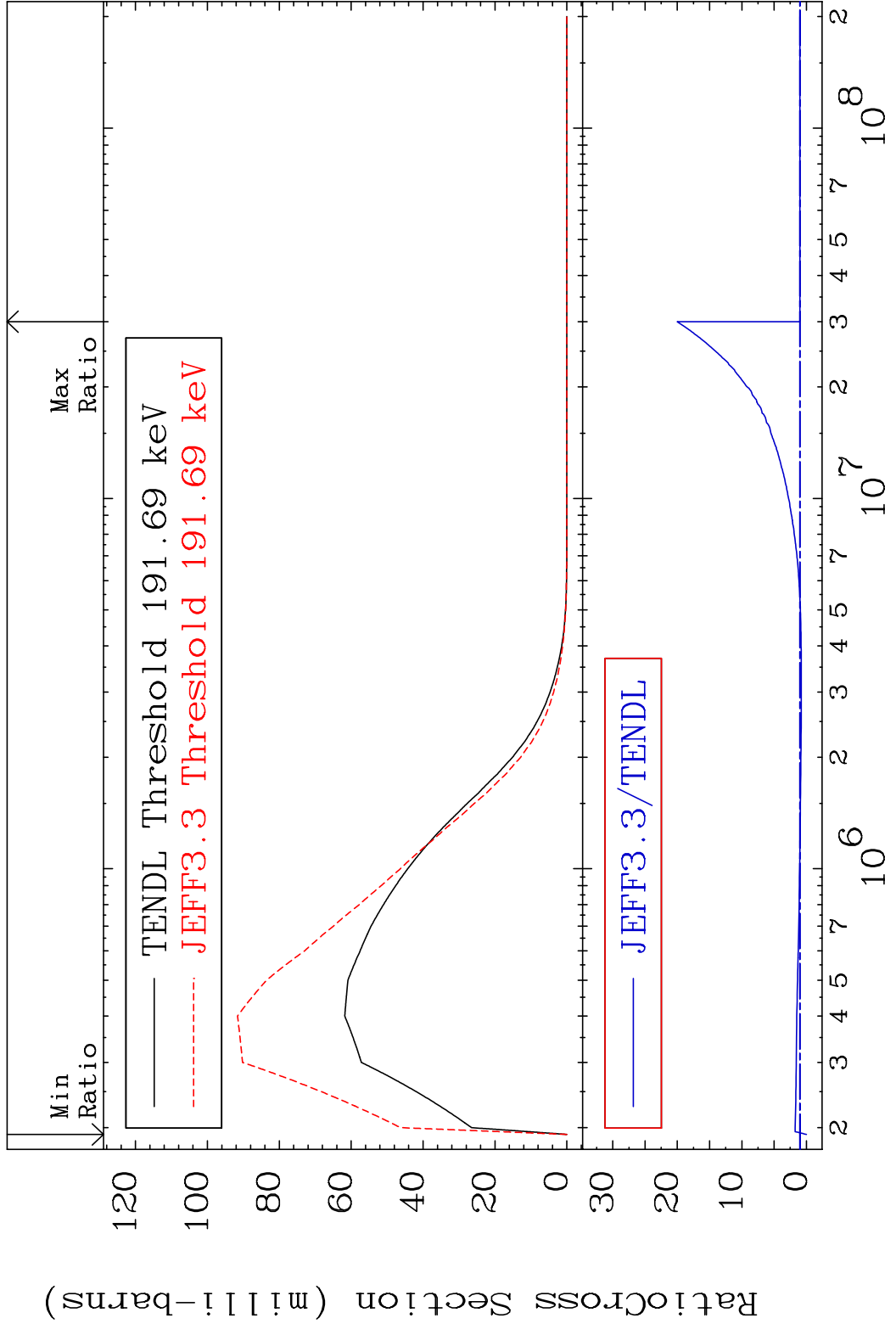
MAT 5528 MT= 55 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 61.00 %



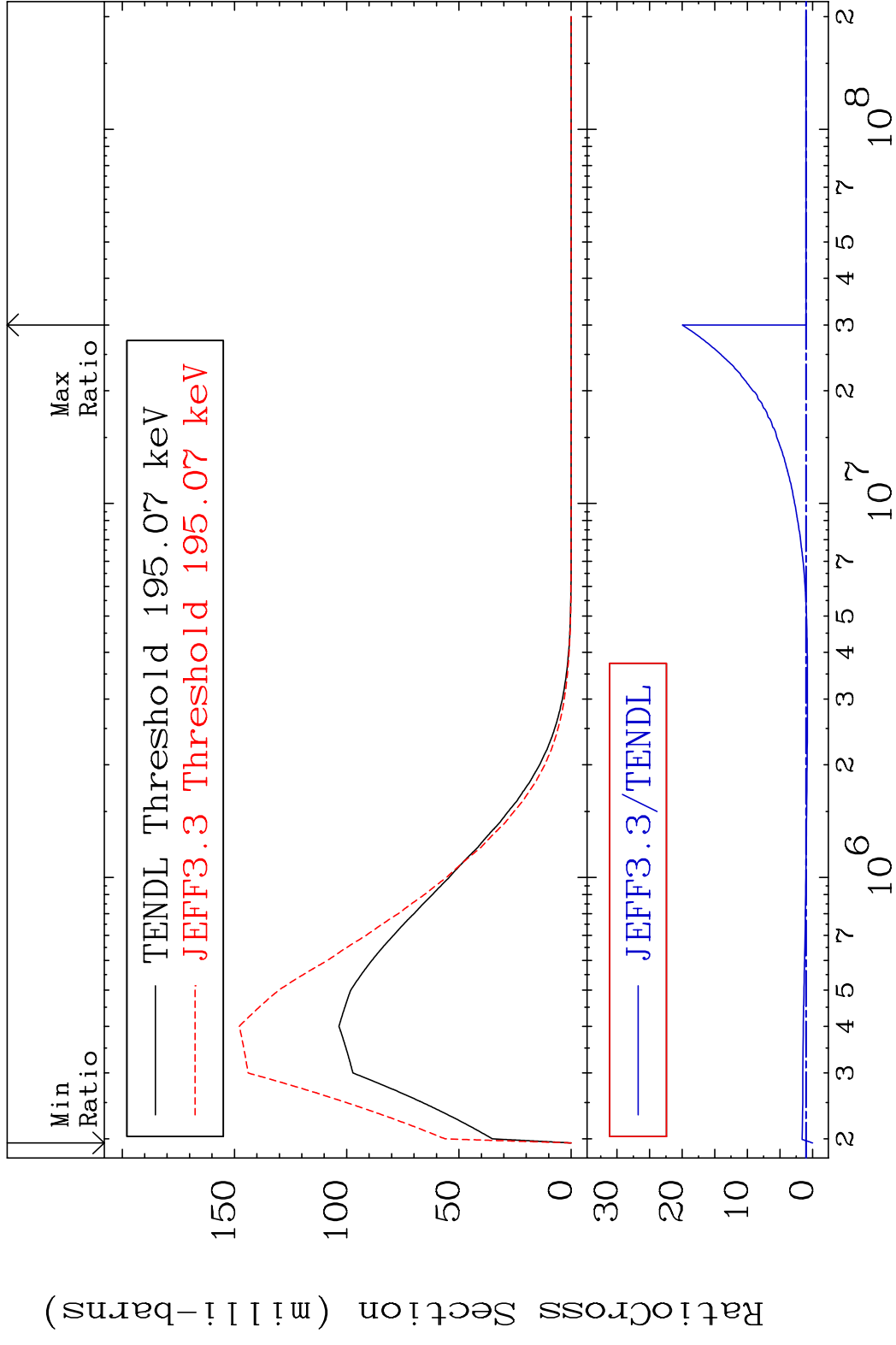
MAT 5528 MT= 56 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 1909. %



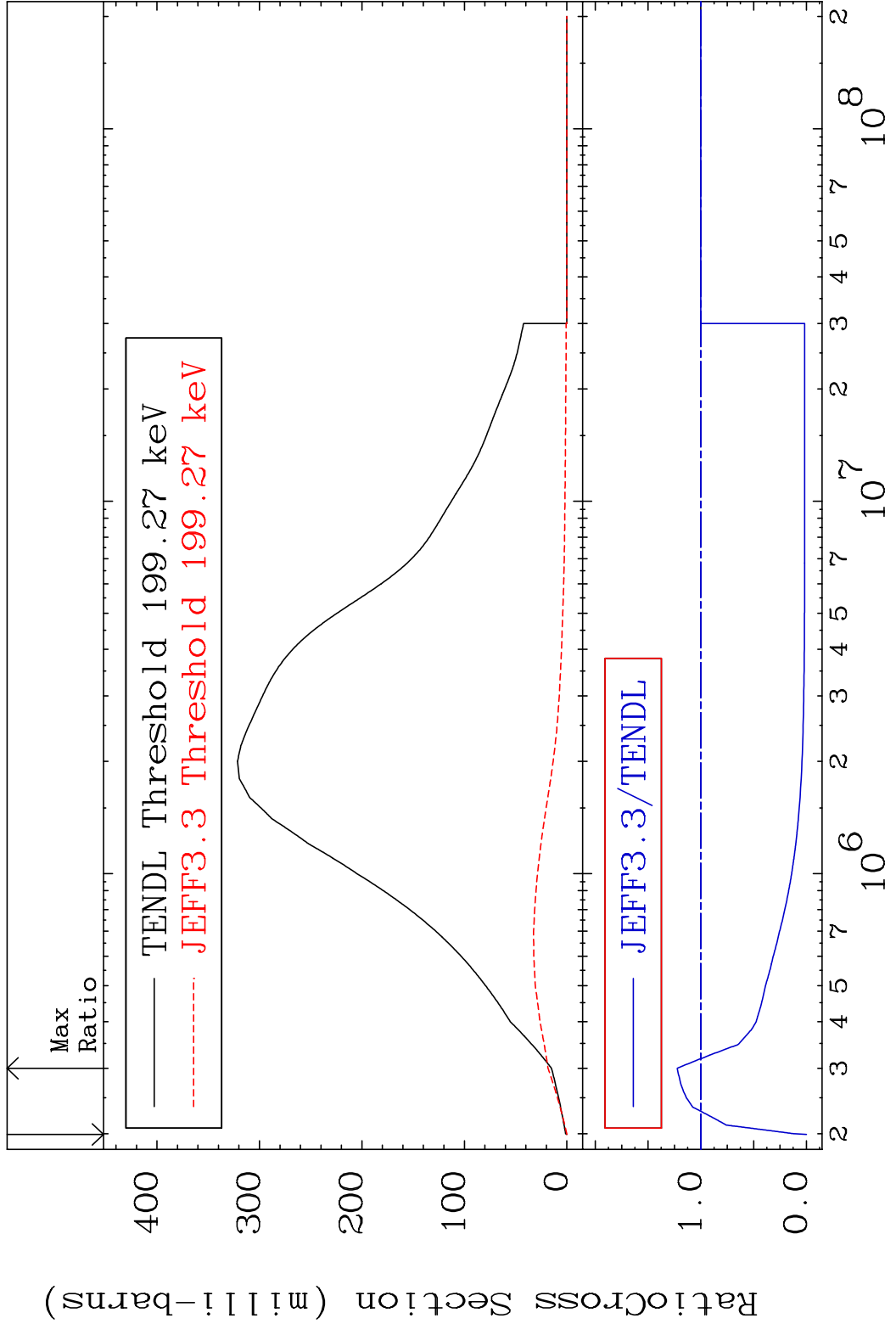
MAT 5528 MT= 57 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 1902. %



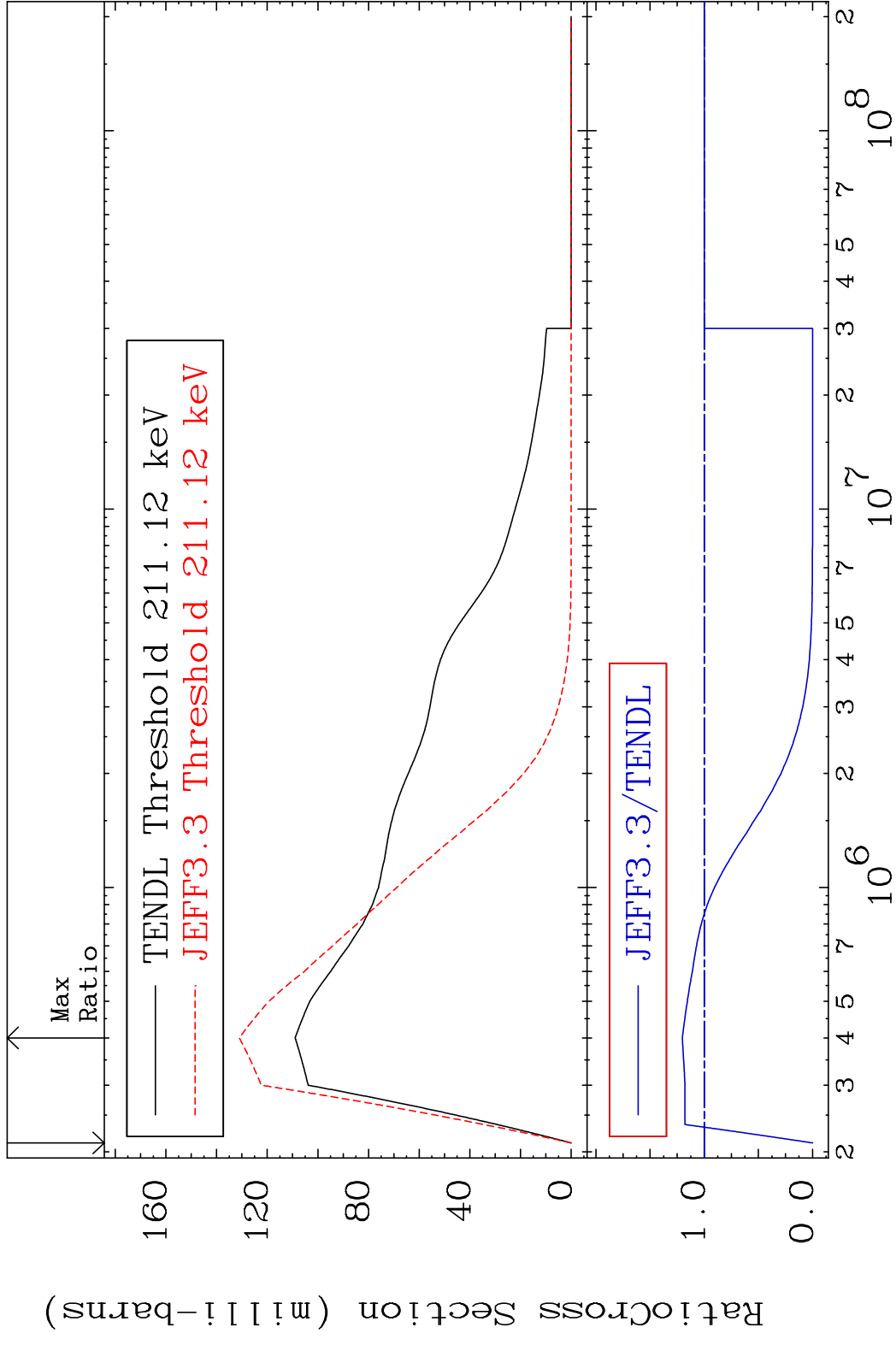
MAT 5528 MT= 58 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 1897. %



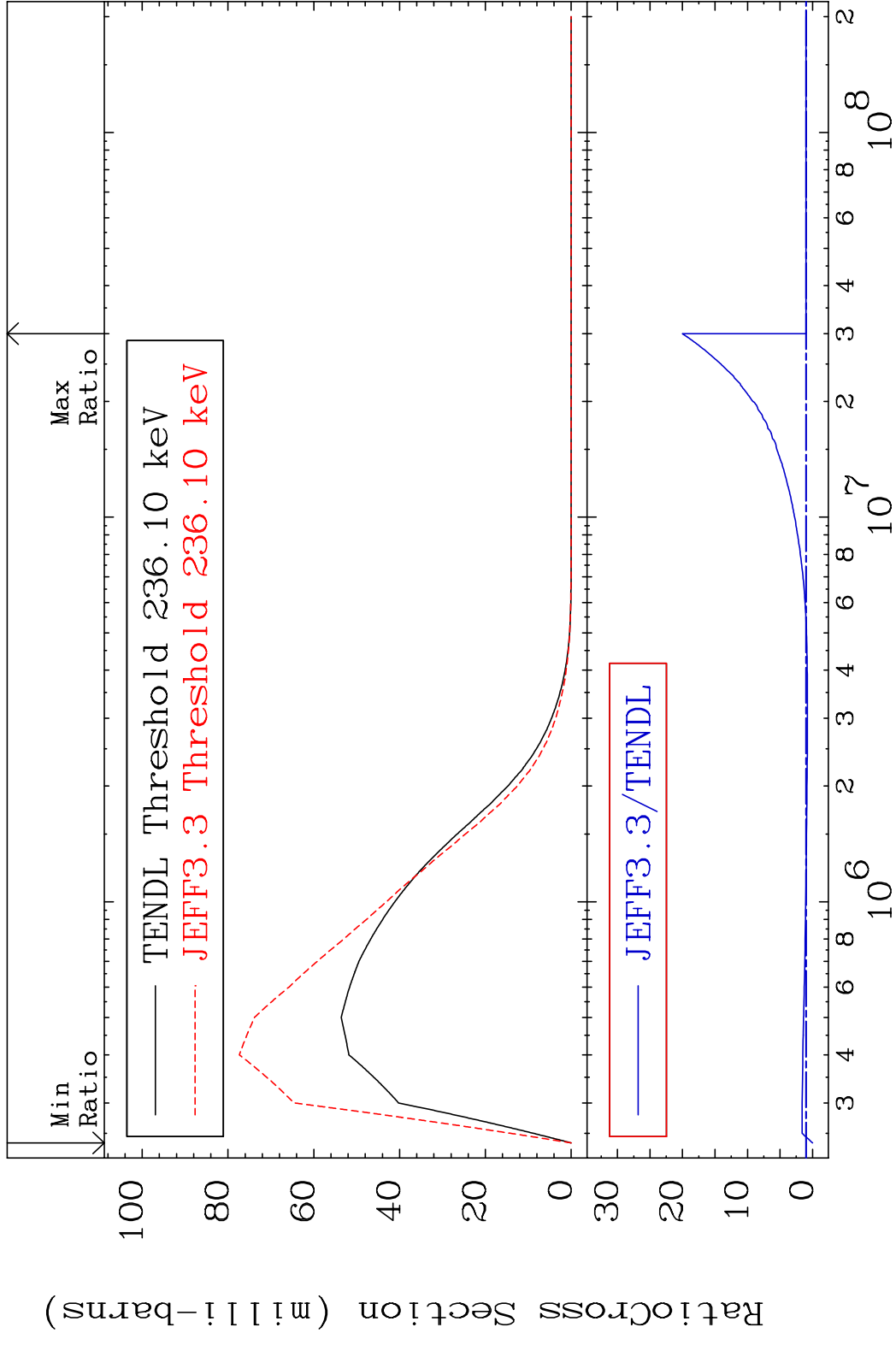
MAT 5528 MT= 59 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 22.41 %



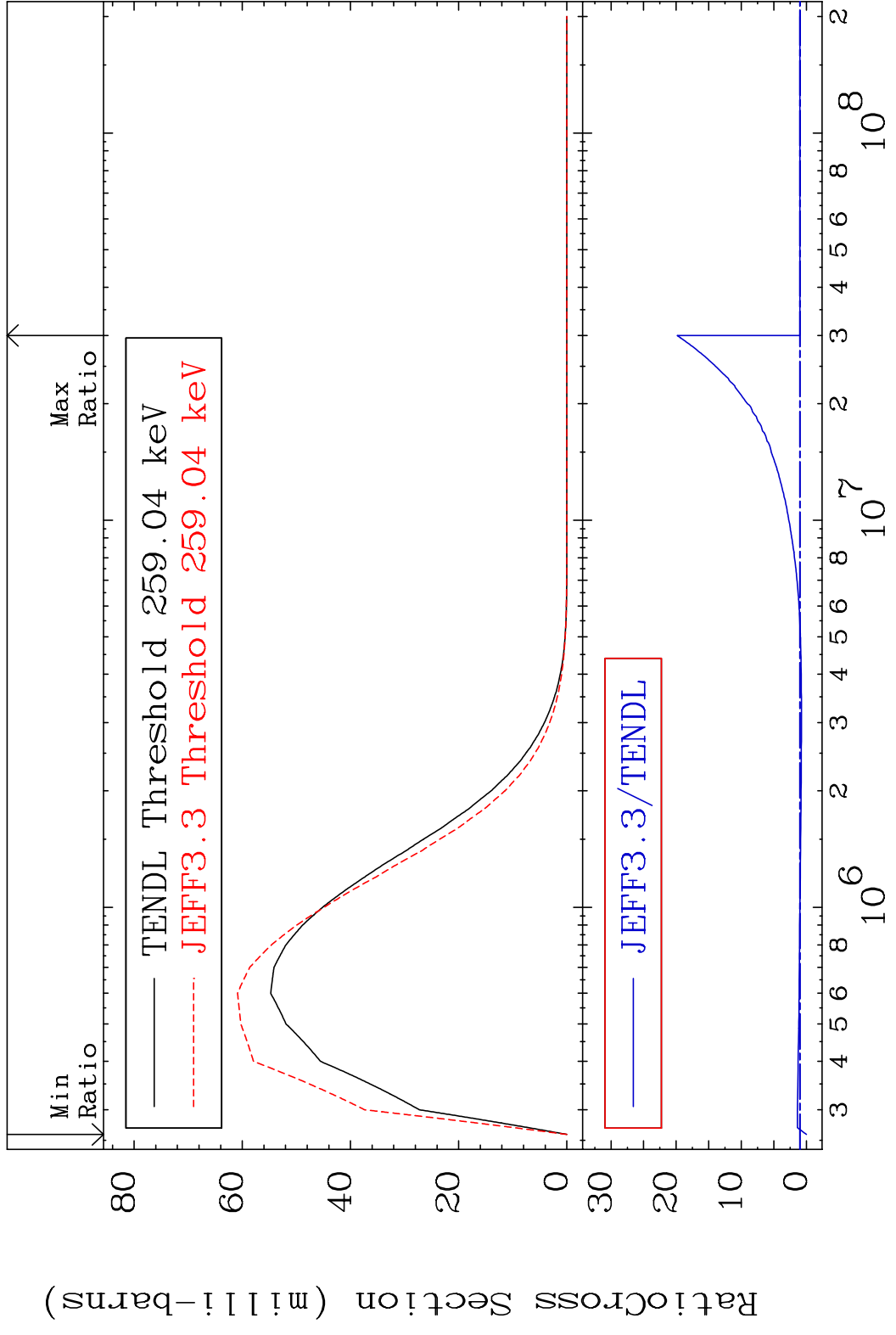
MAT 5528 MT= 60 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 20.22 %



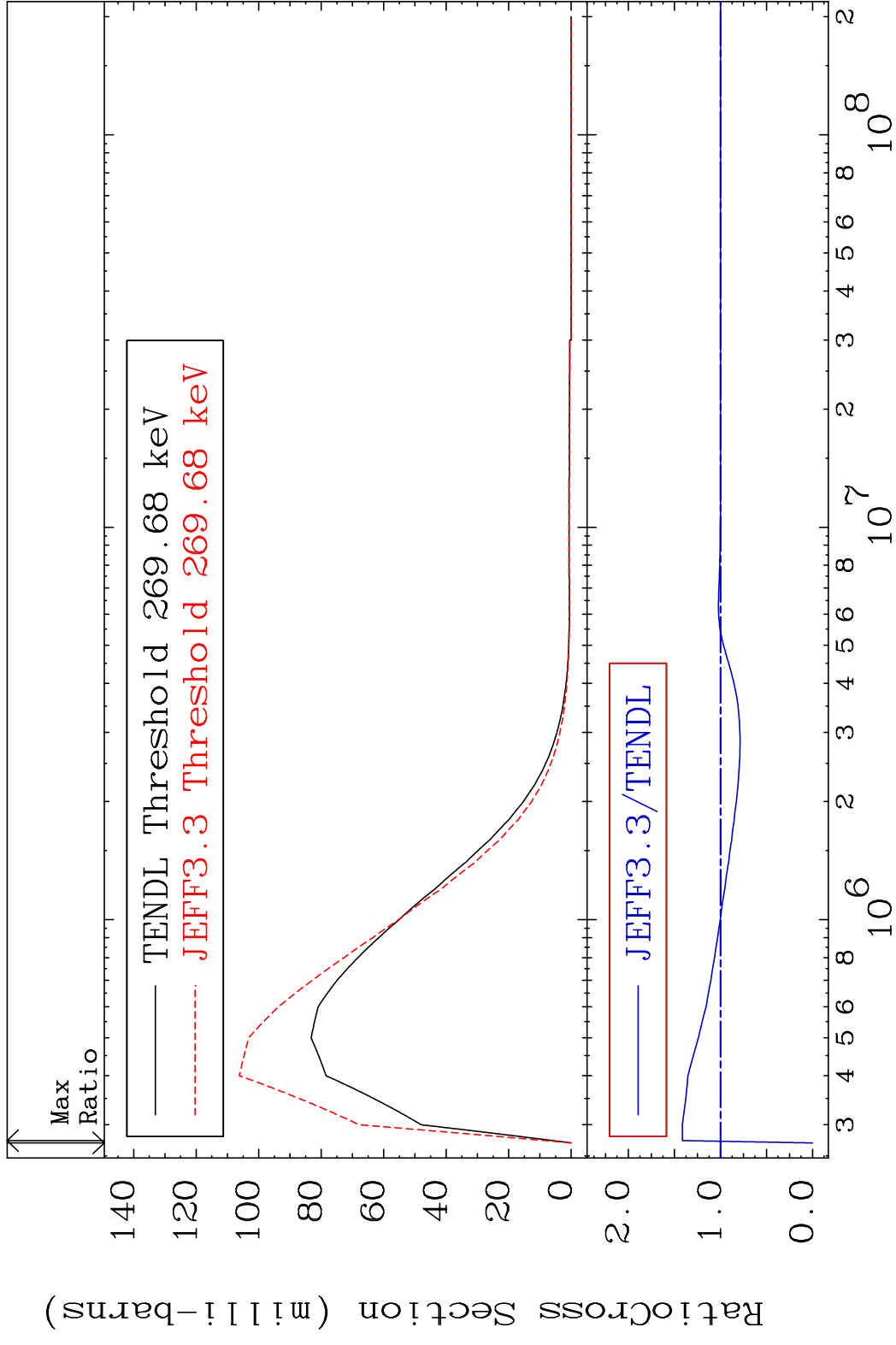
MAT 5528 MT= 61 (n, n') Level 55-Cs-134
 Cross Section -100.0 To 1902. %



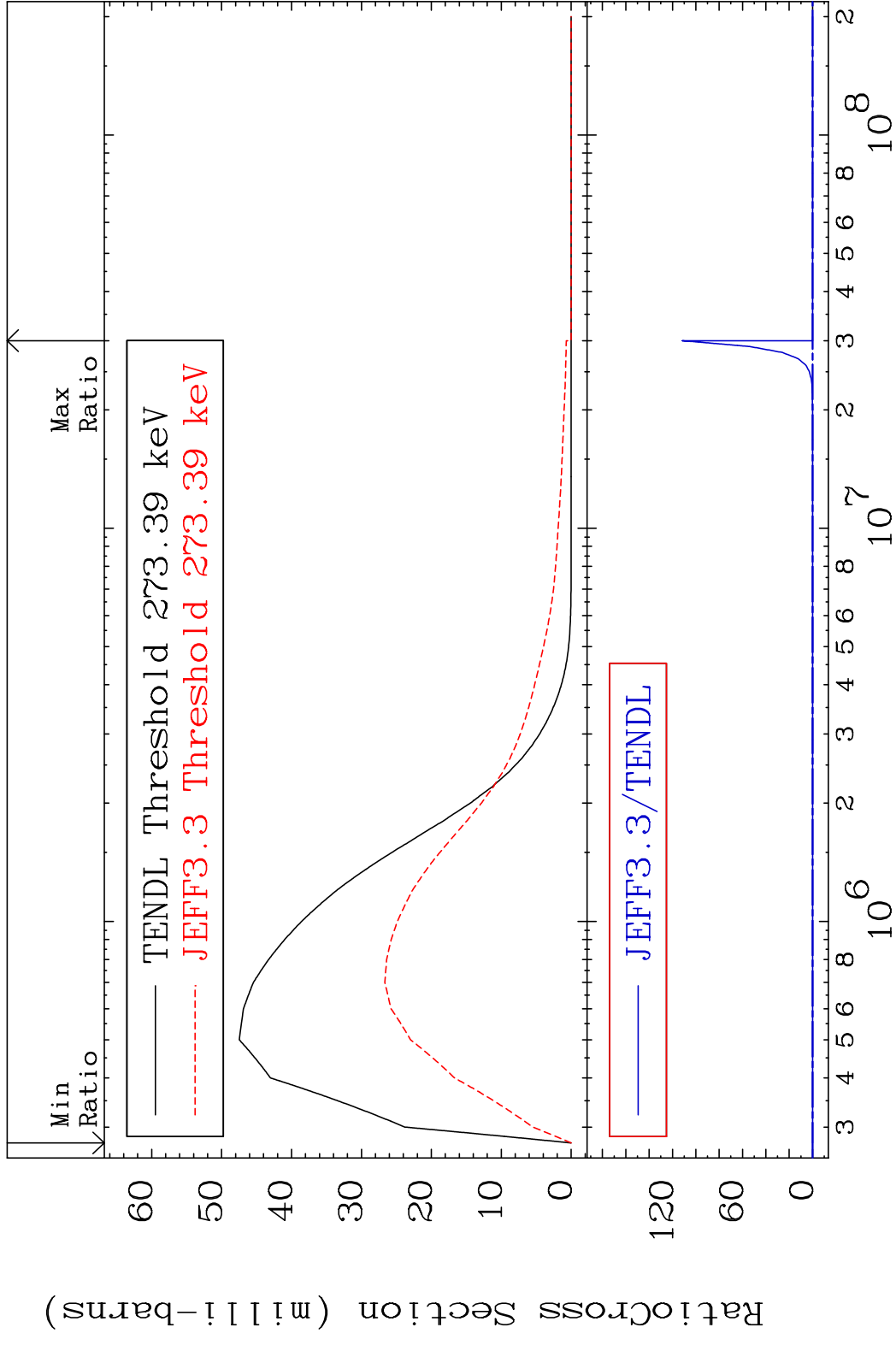
MAT 5528 MT= 62 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 1884. %



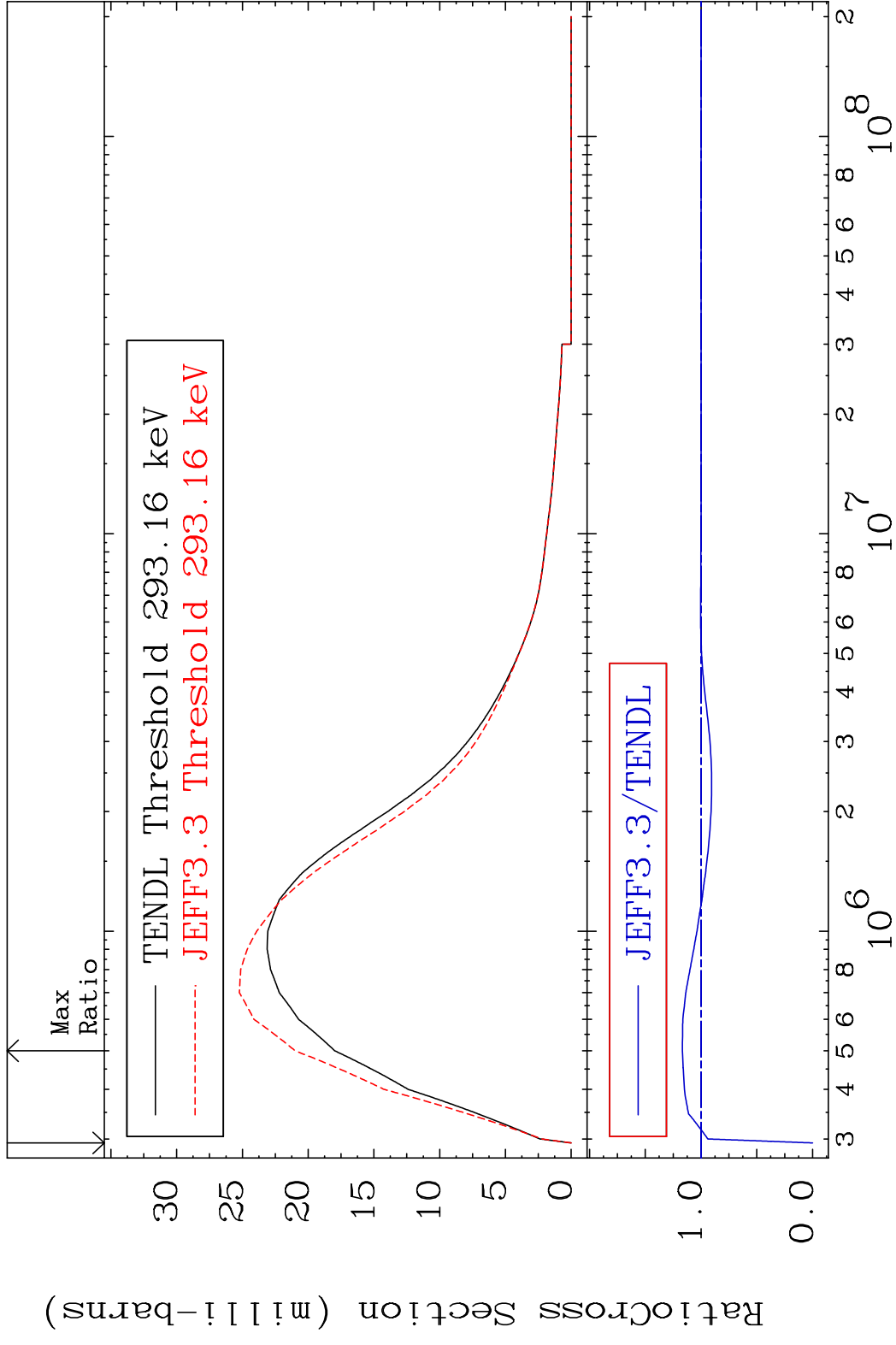
MAT 5528 MT= 63 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 41.44 %



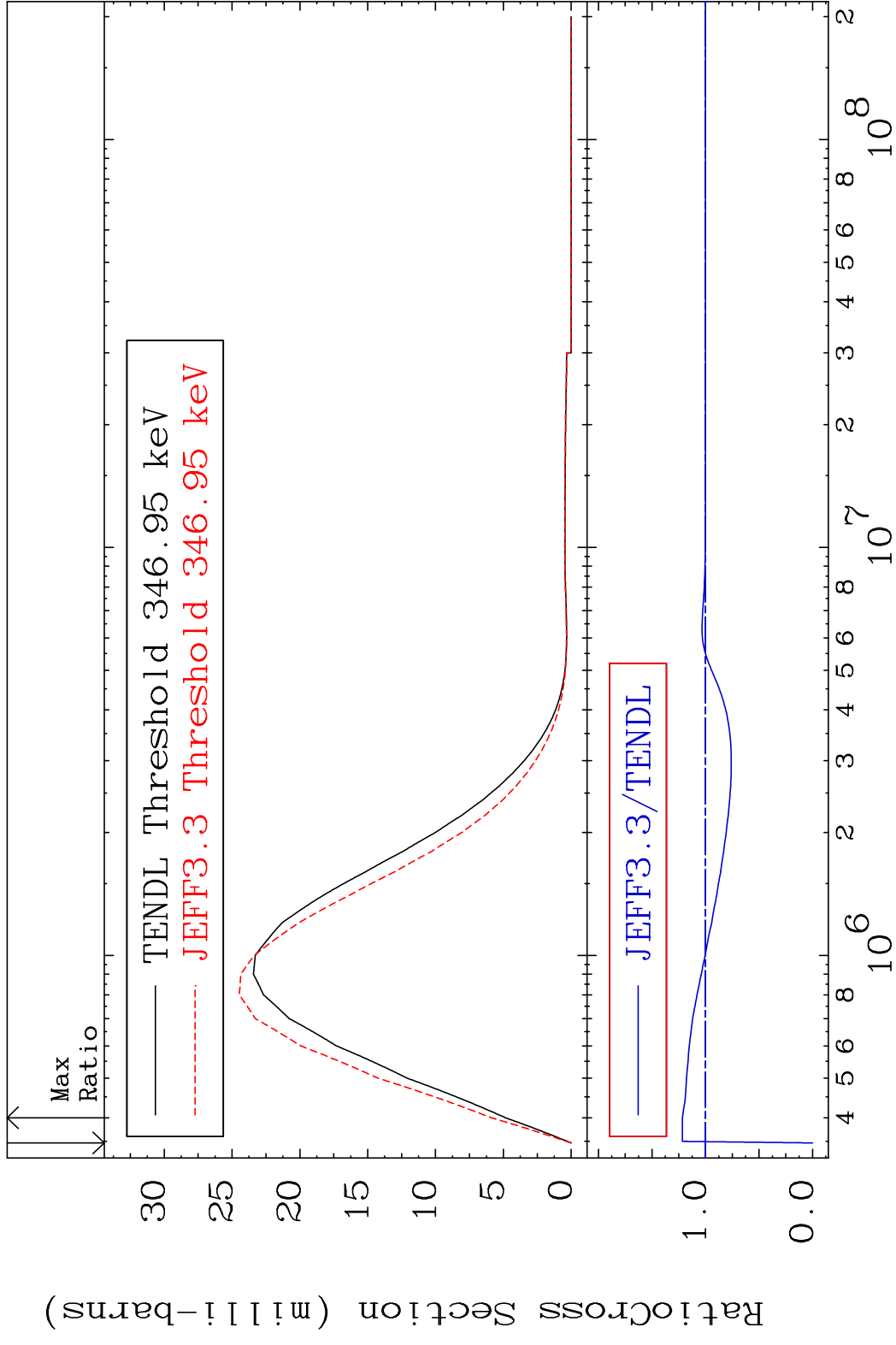
MAT 5528 MT= 64 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 9999. %



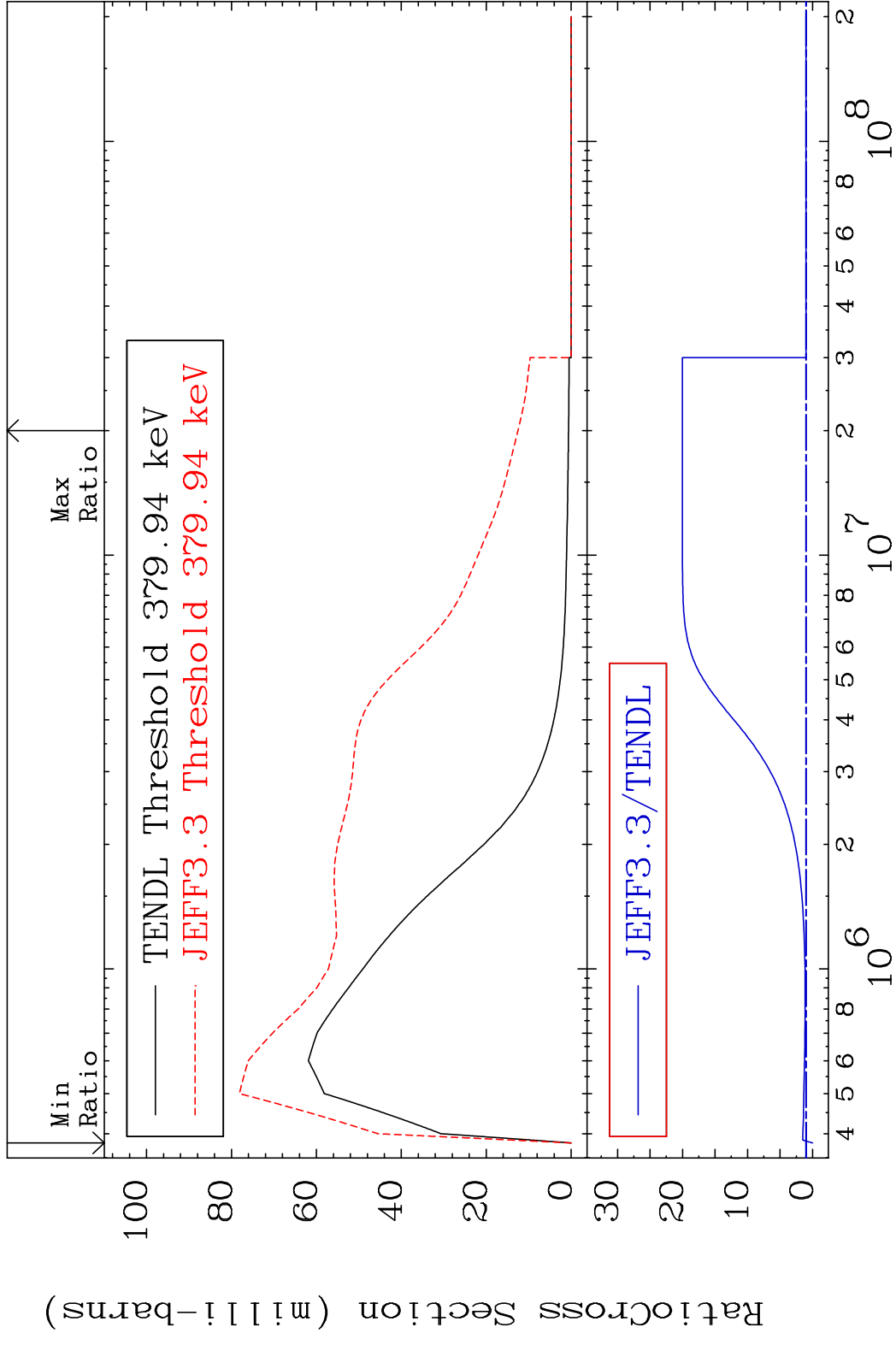
MAT 5528 MT= 65 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 16.77 %



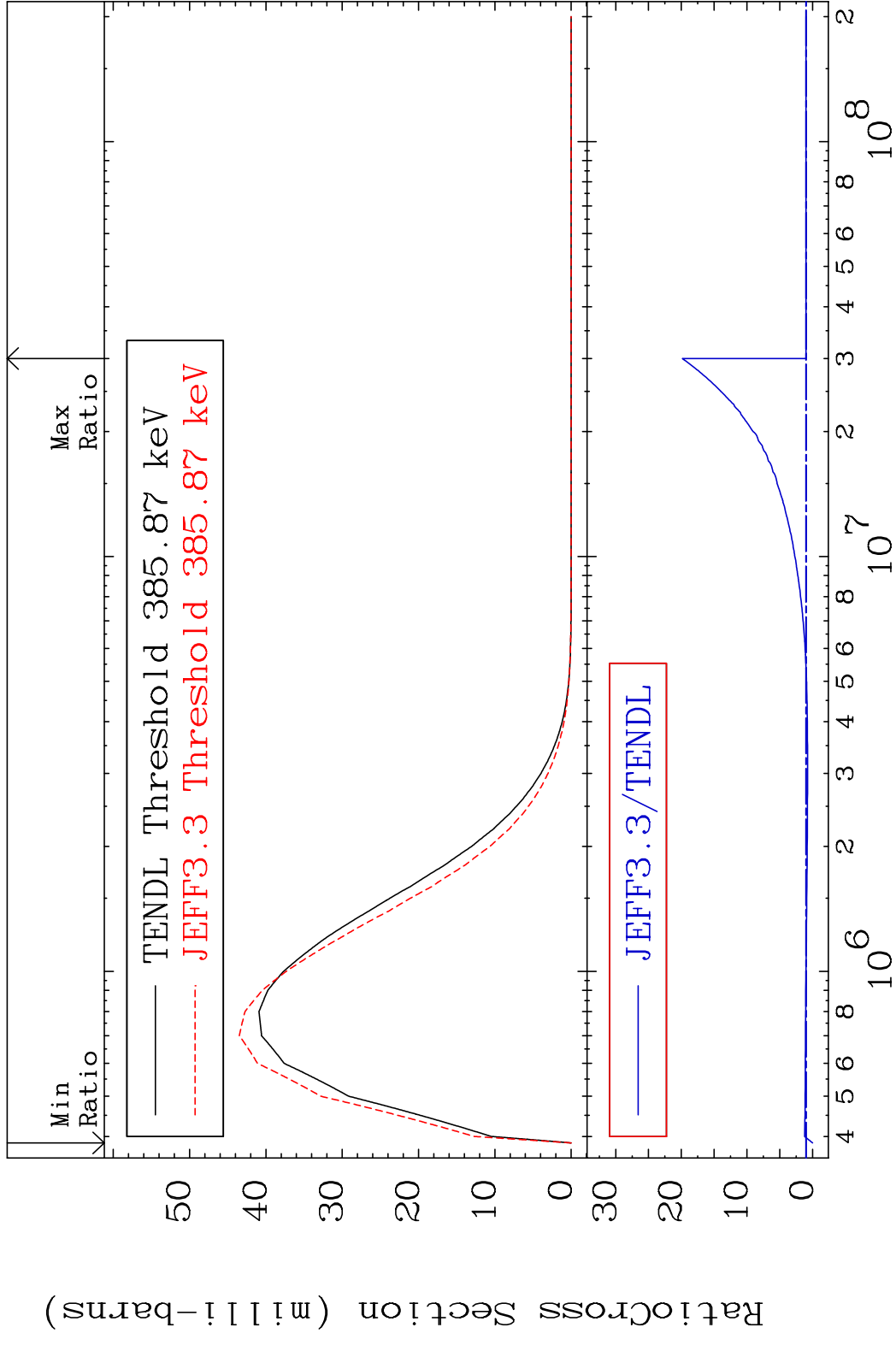
MAT 5528 MT= 66 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 21.60 %



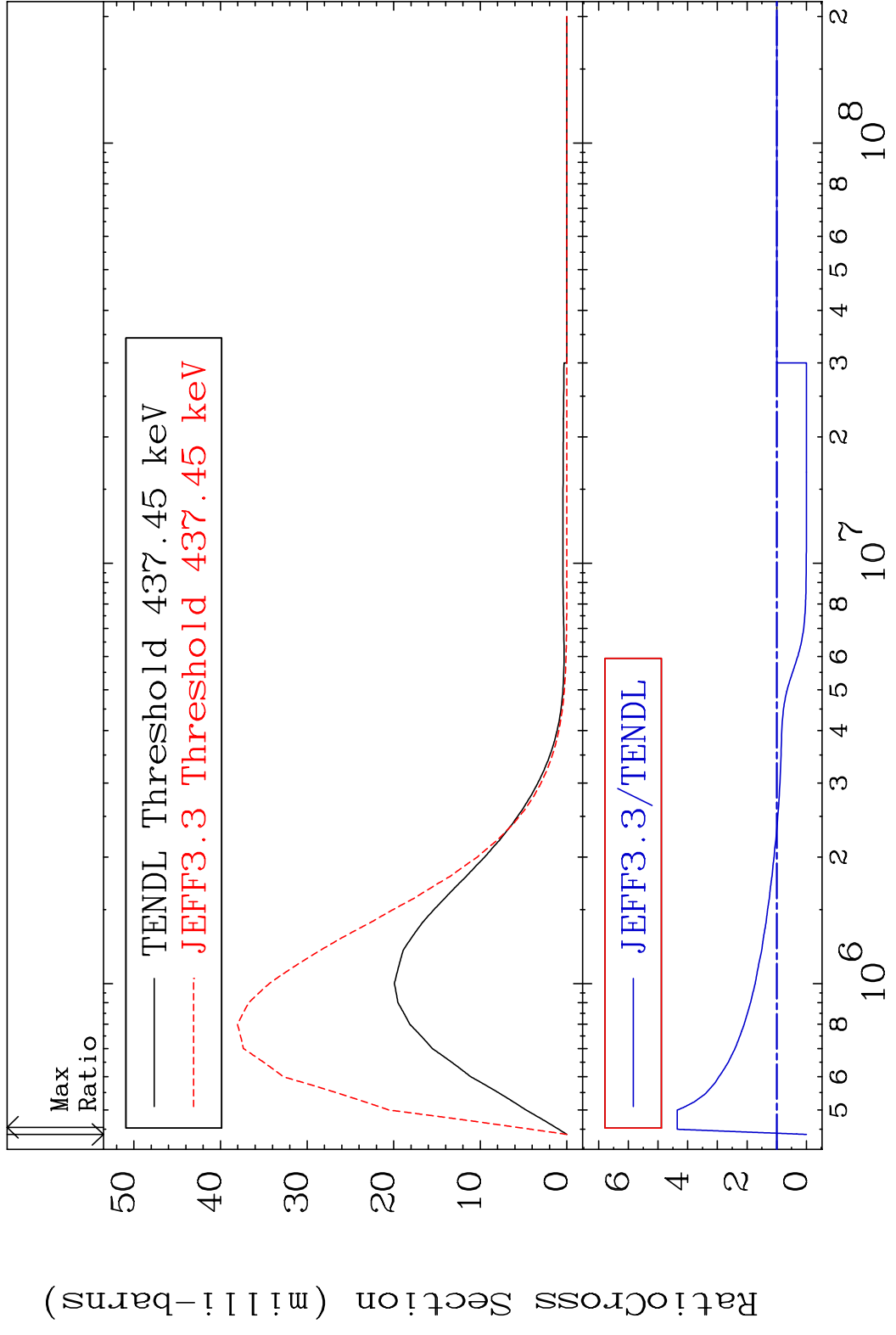
MAT 5528 MT= 67 (n, n') Level 55-Cs-134
 Cross Section -100.0 To 1903. %



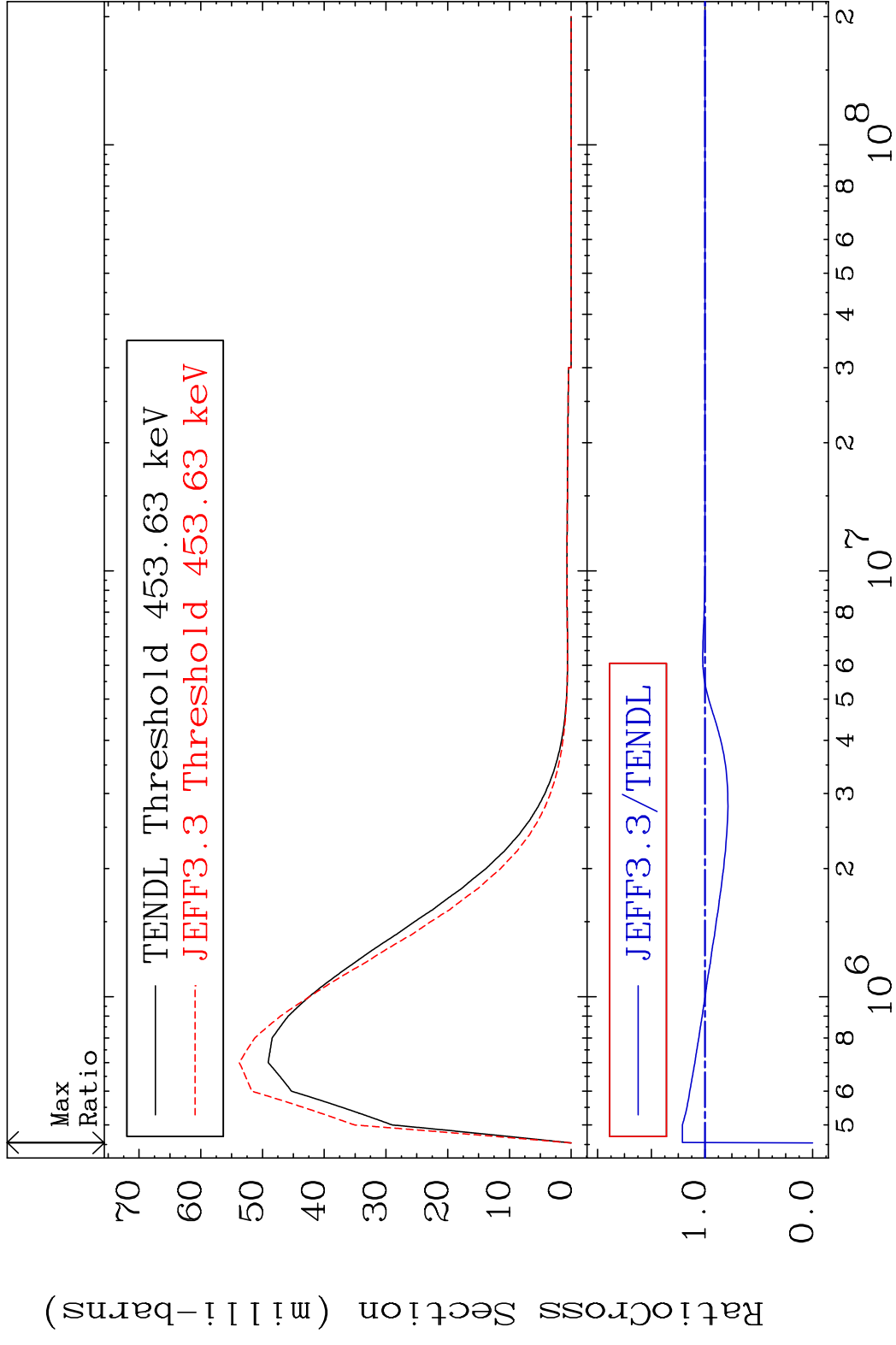
MAT 5528 MT= 68 (n, n') Level 55-Cs-134
 Cross Section -100.0 To 1884. %



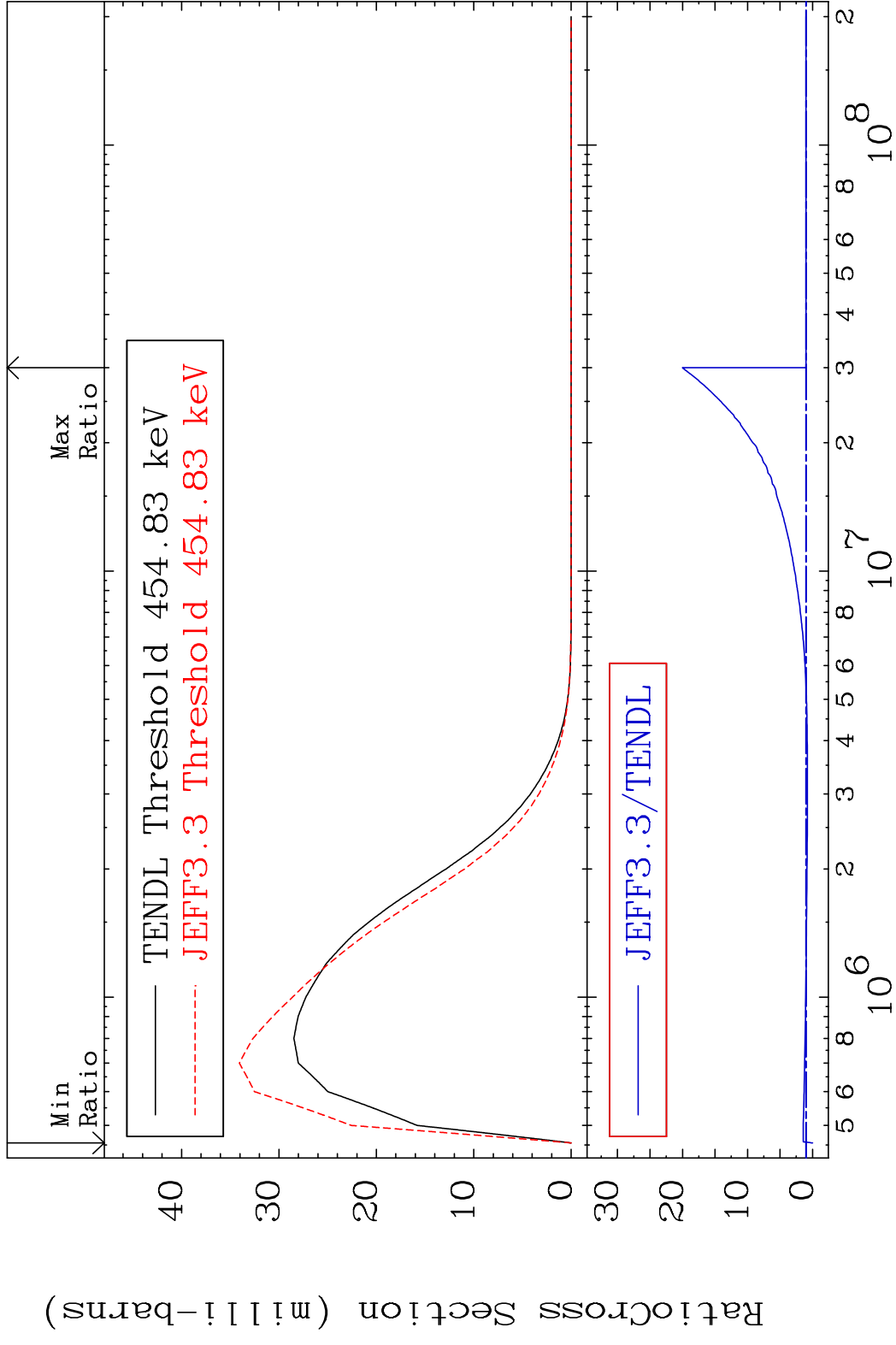
MAT 5528 MT= 69 (n, n') Level 55-Cs-134
 Cross Section -100.0 To 335.5 %



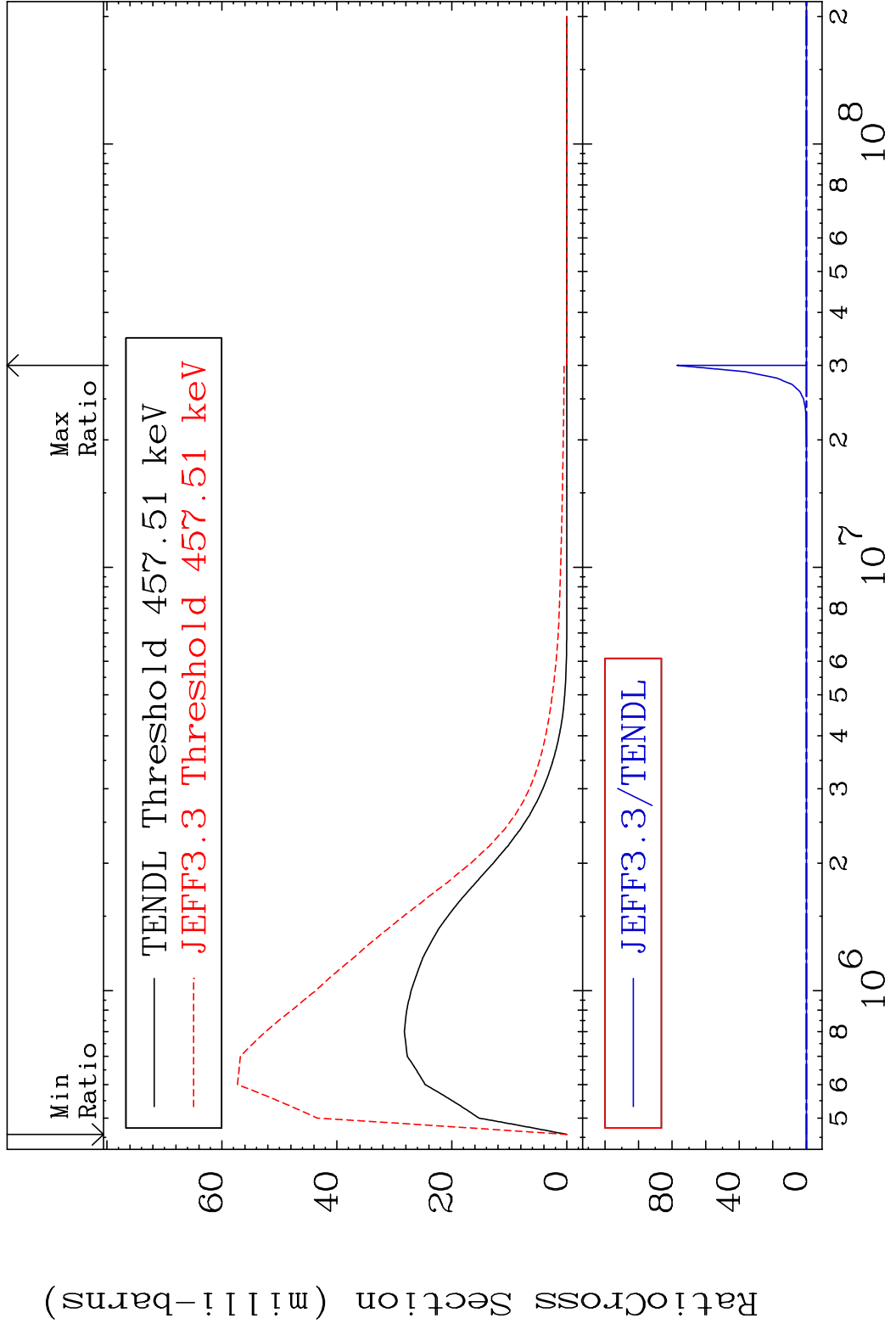
MAT 5528 MT= 70 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 21.13 %



MAT 5528 MT= 71 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 1902. %

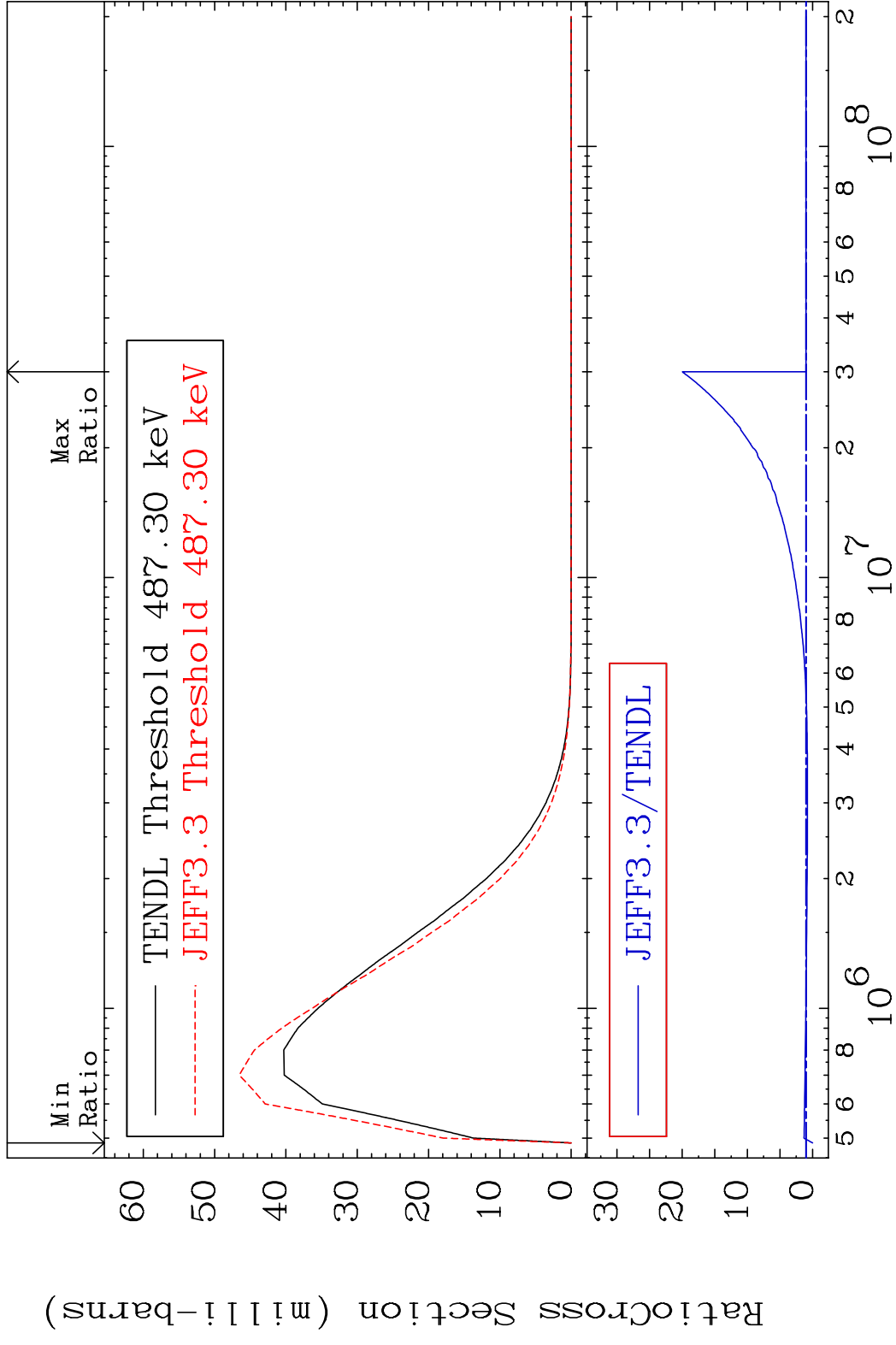


MAT 5528 MT= 72 (n, n') Level 55-Cs-134
 Cross Section -100.0 To 9999. %

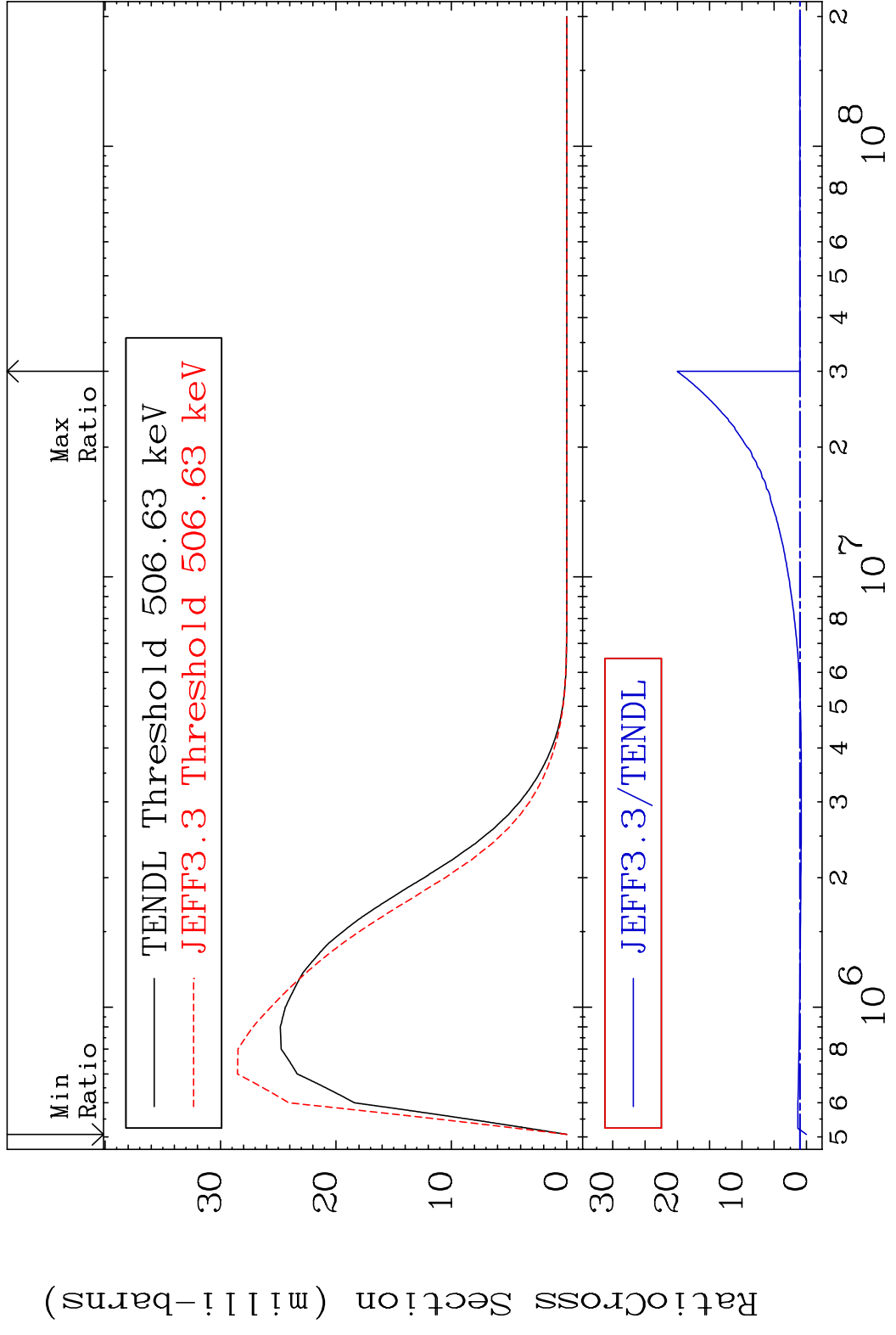


40 55-Cs-134

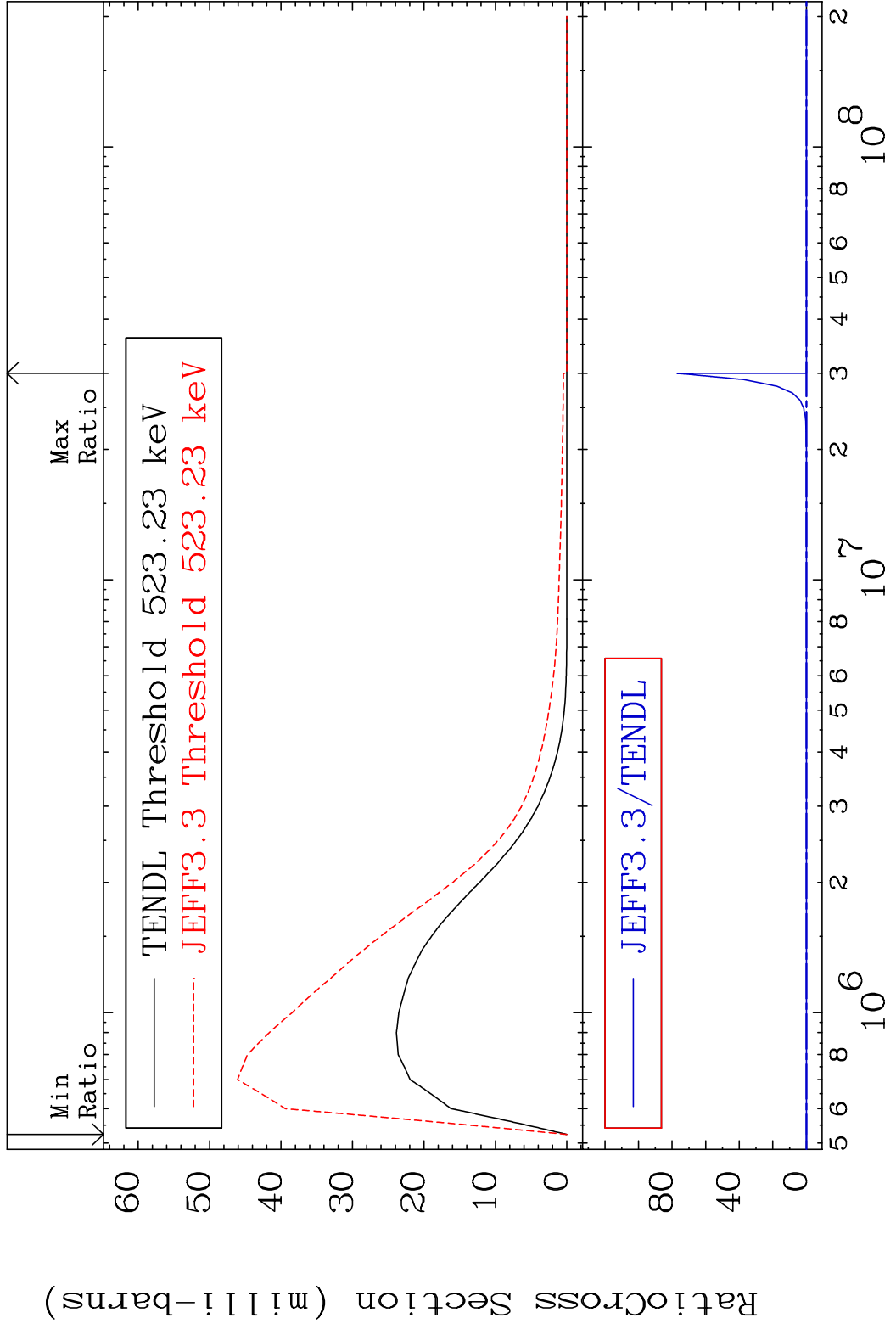
MAT 5528 MT= 73 (n, n') Level 55-Cs-134
 Cross Section -100.0 To 1898. %



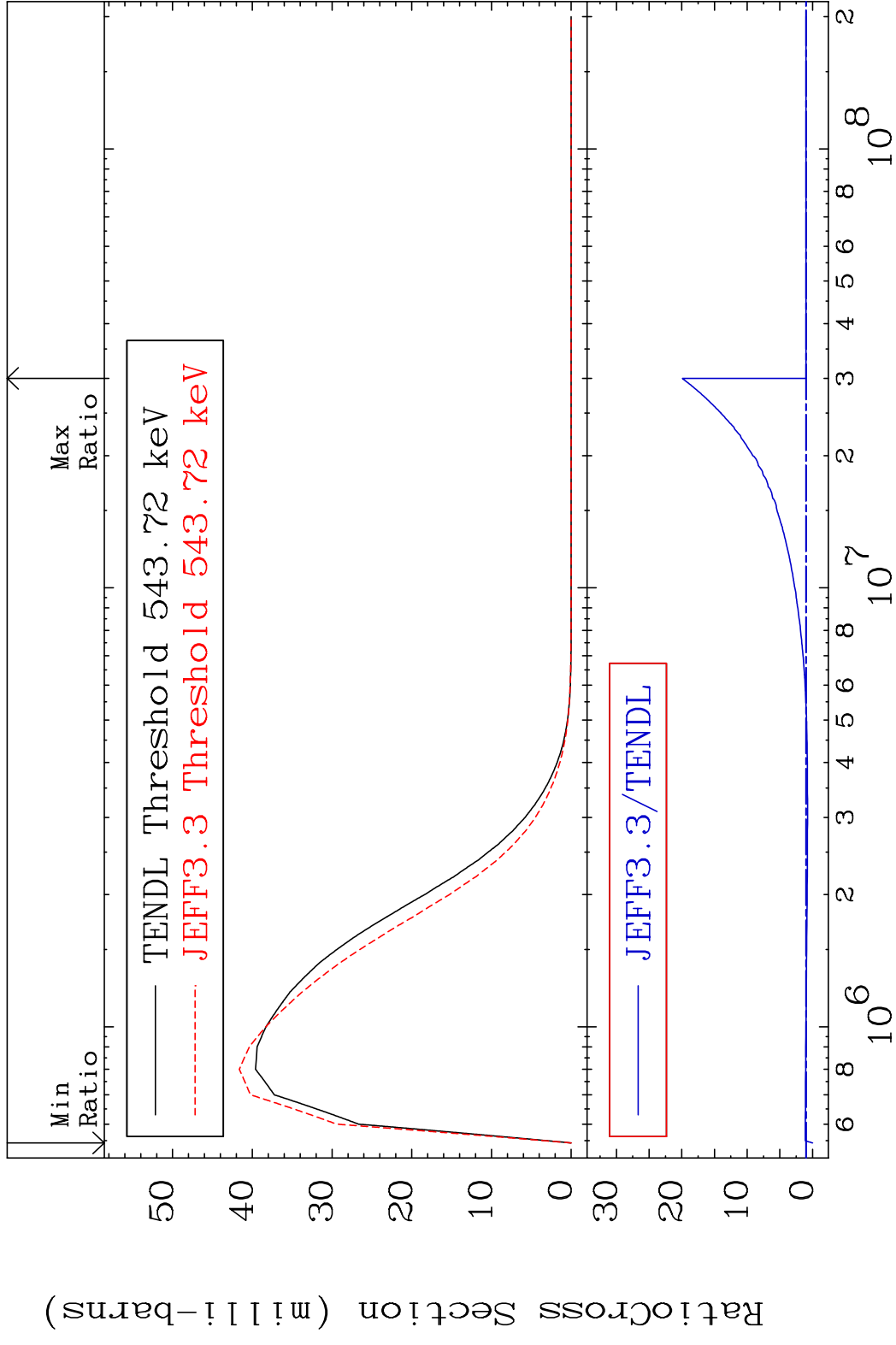
MAT 5528 MT= 74 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 1902. %



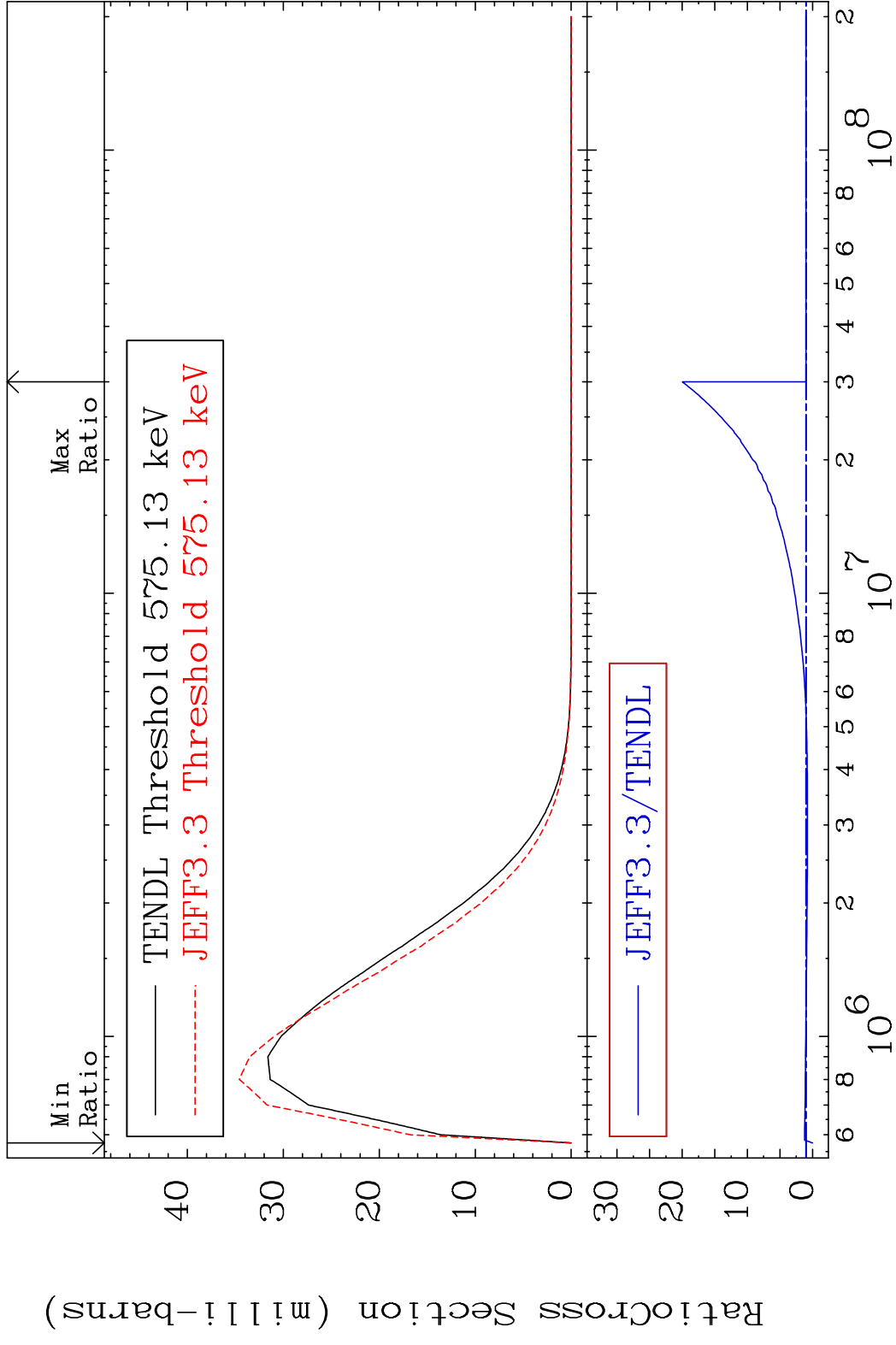
MAT 5528 MT= 75 (n, n') Level 55-Cs-134
 Cross Section -100.0 To 9999. %



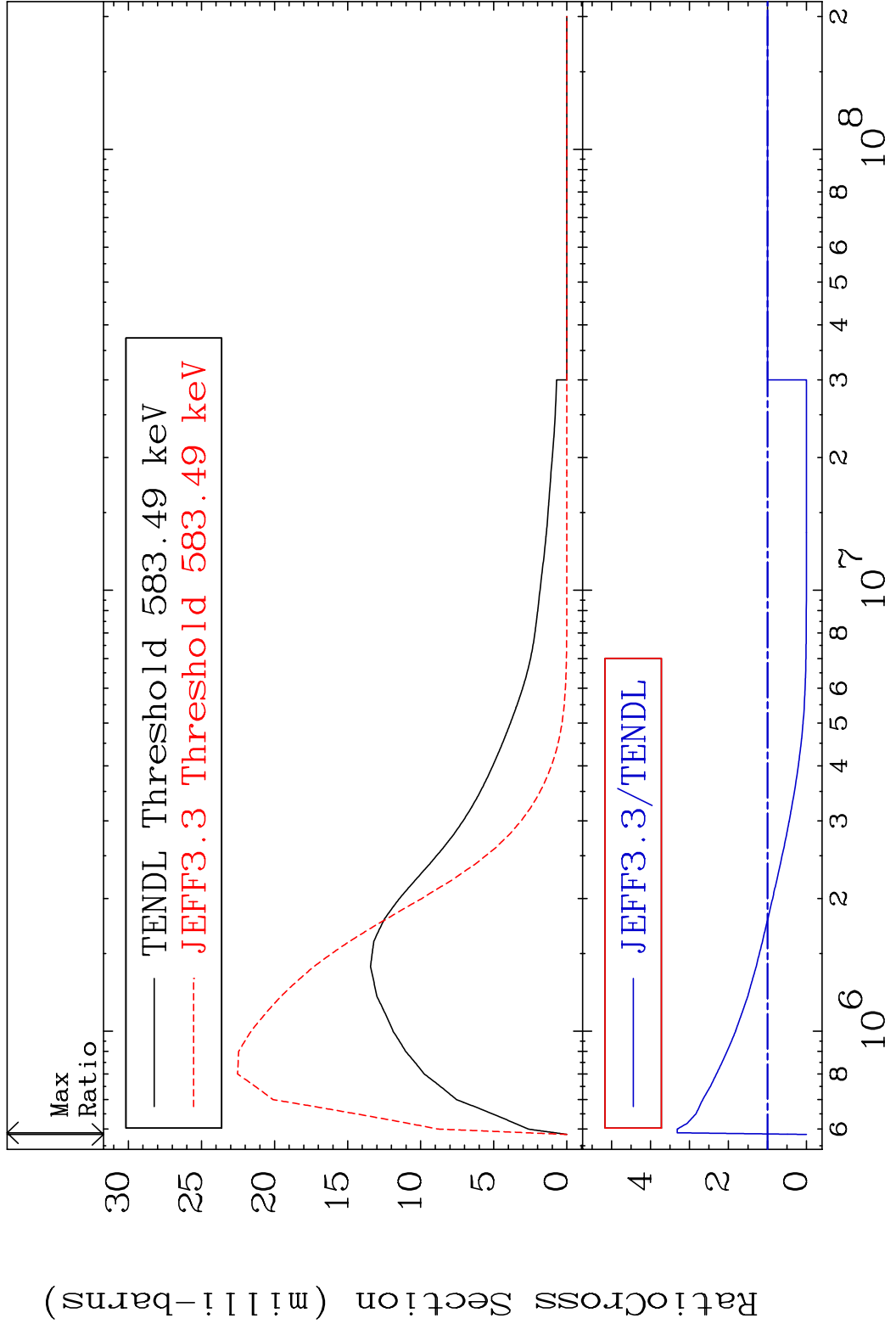
MAT 5528 MT= 76 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 1891. %



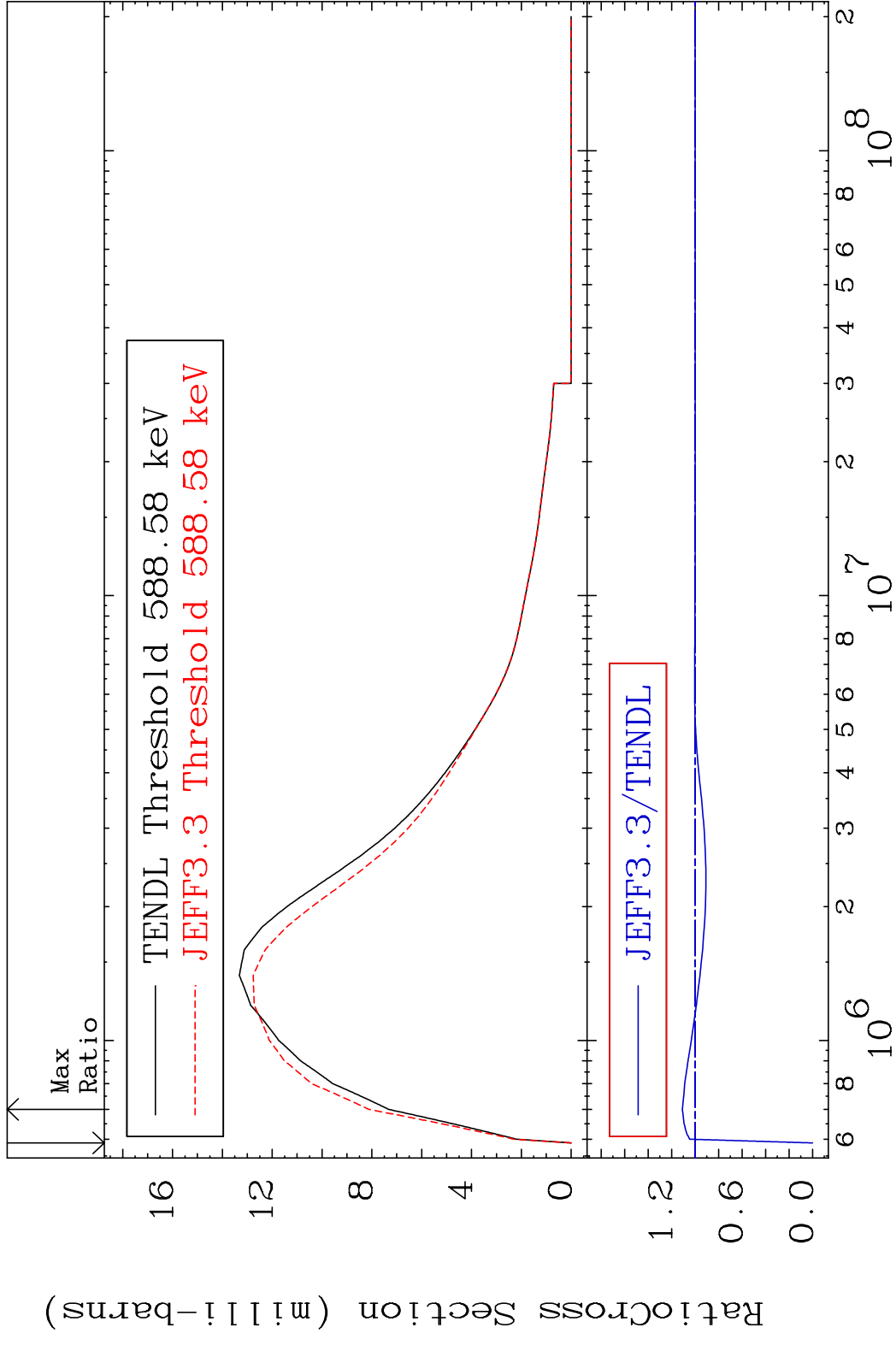
MAT 5528 MT= 77 (n, n') Level 55-Cs-134
 Cross Section -100.0 To 1898. %



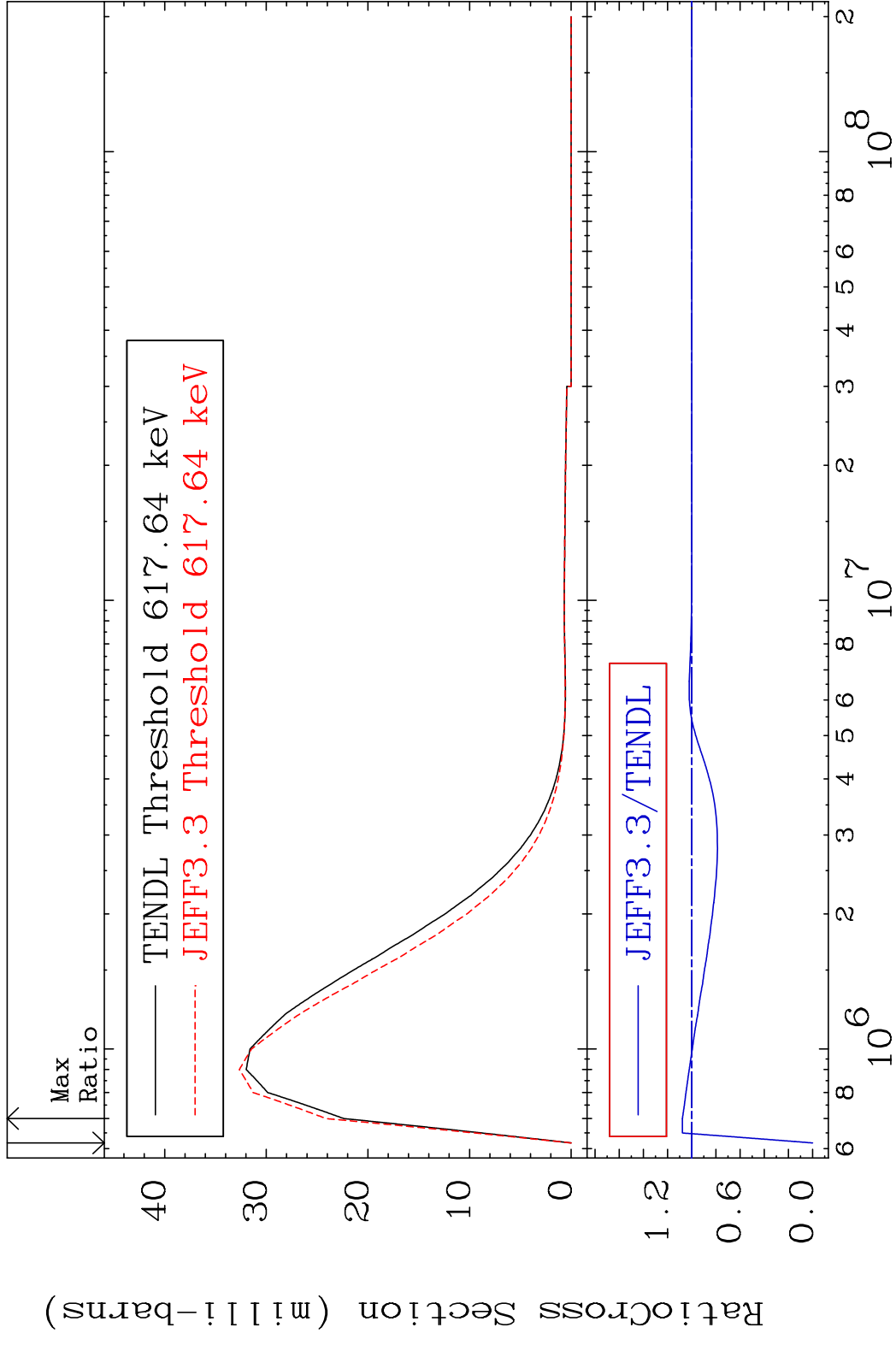
MAT 5528 MT= 78 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 231.7 %



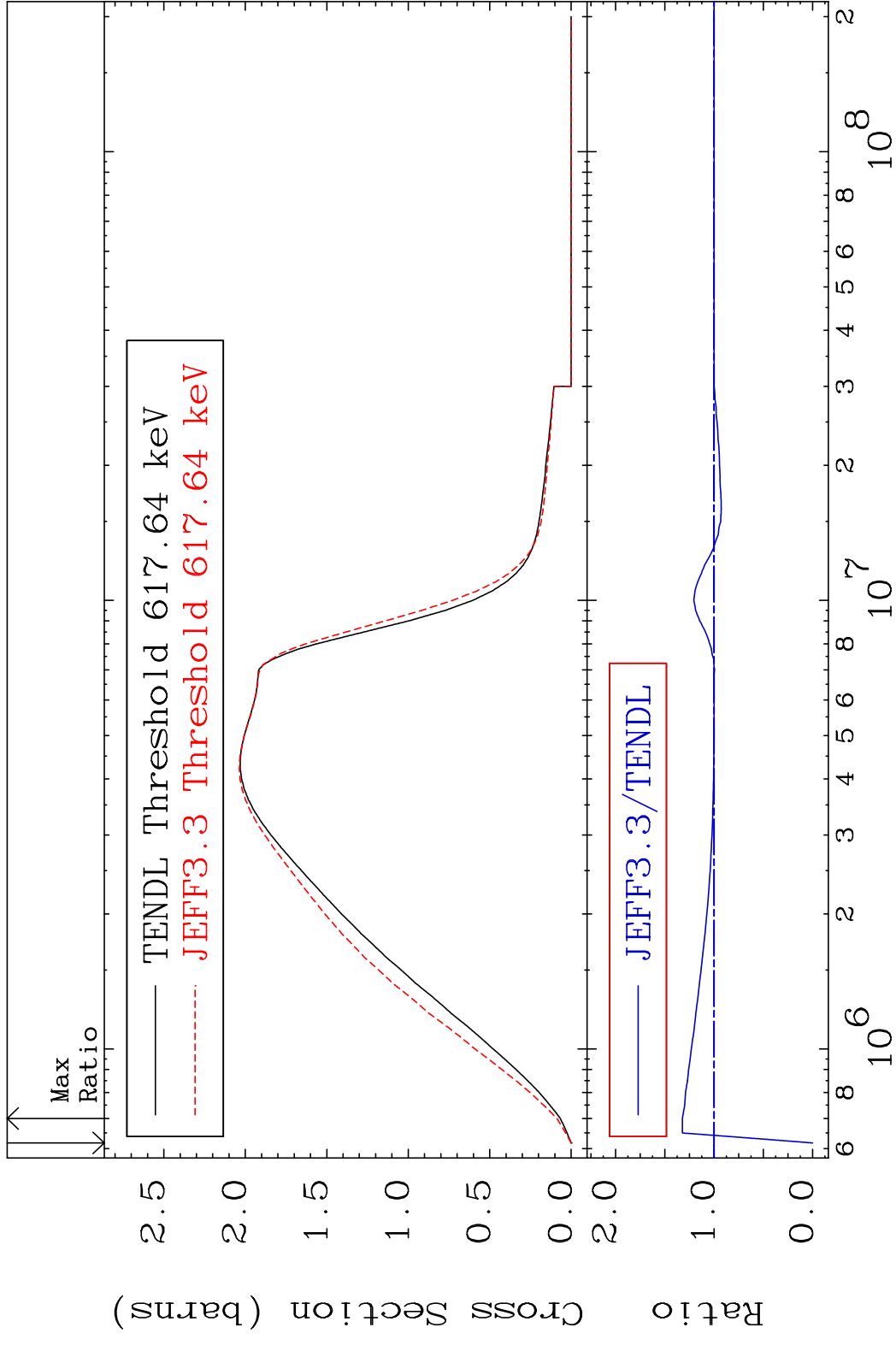
MAT 5528 MT= 79 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 10.83 %



MAT 5528 MT= 80 (n,n') Level 55-Cs-134
 Cross Section -100.0 To 7.788 %



MAT 5528 (n,n') Continuum 55-Cs-134
 Cross Section -100.0 To 32.16 %



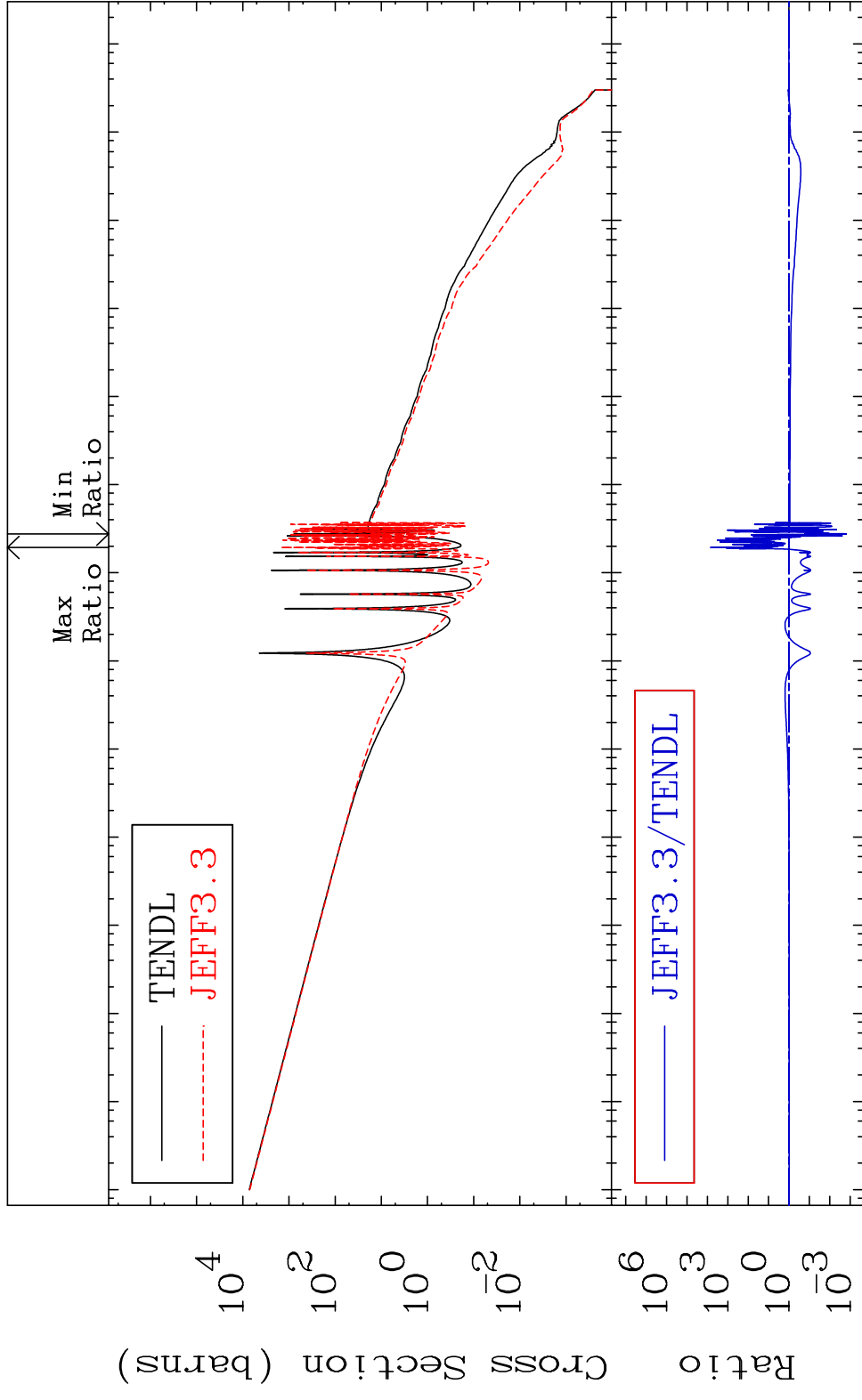
49 Incident Energy (eV) 55-Cs-134

MAT 5528

55-Cs-134

(n, γ)

Cross Section -99.85 To 9999. %

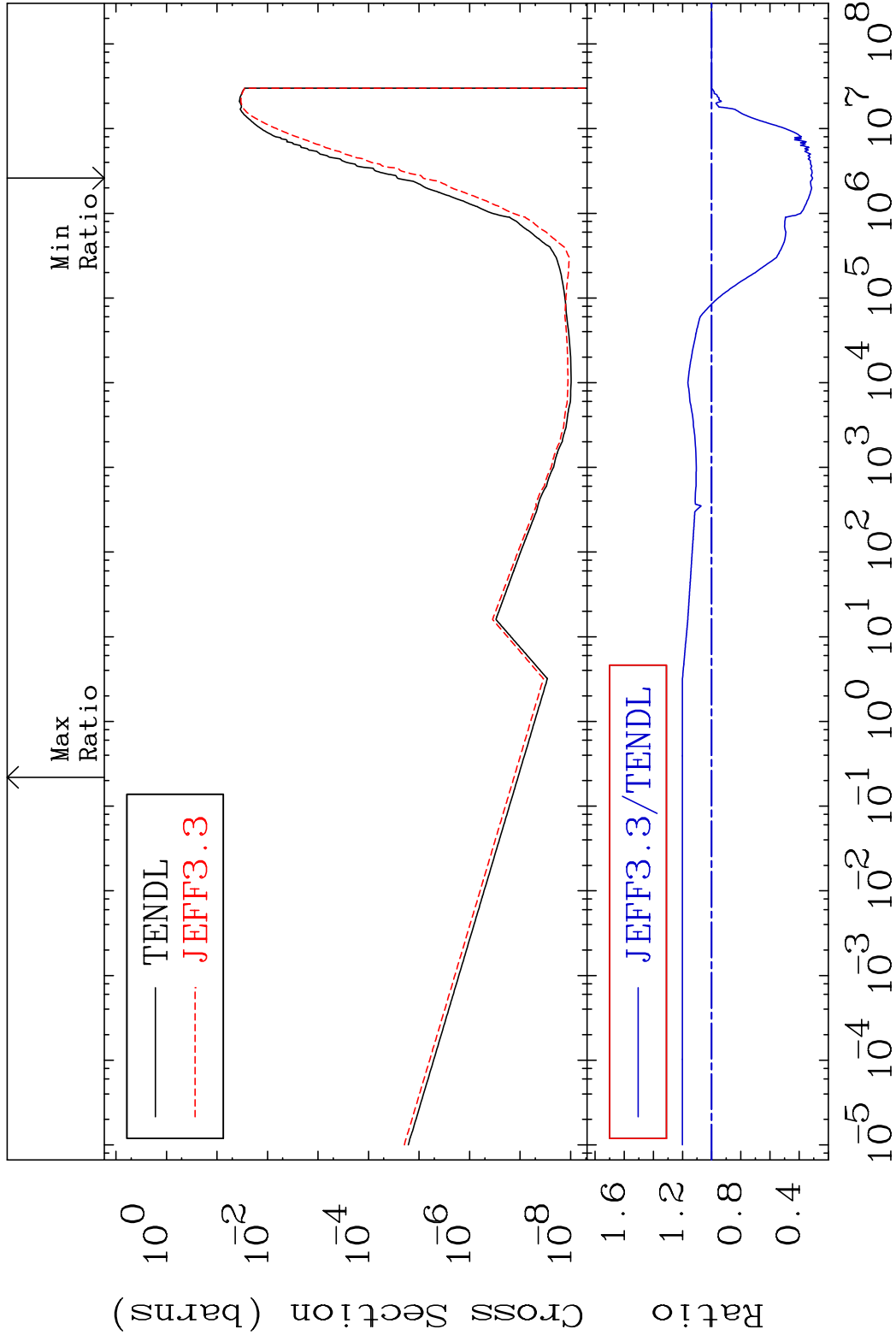


MAT 5528

(n, p)

55-Cs-134

Cross Section -69.24 To 20.11 %



51

Incident Energy (eV)

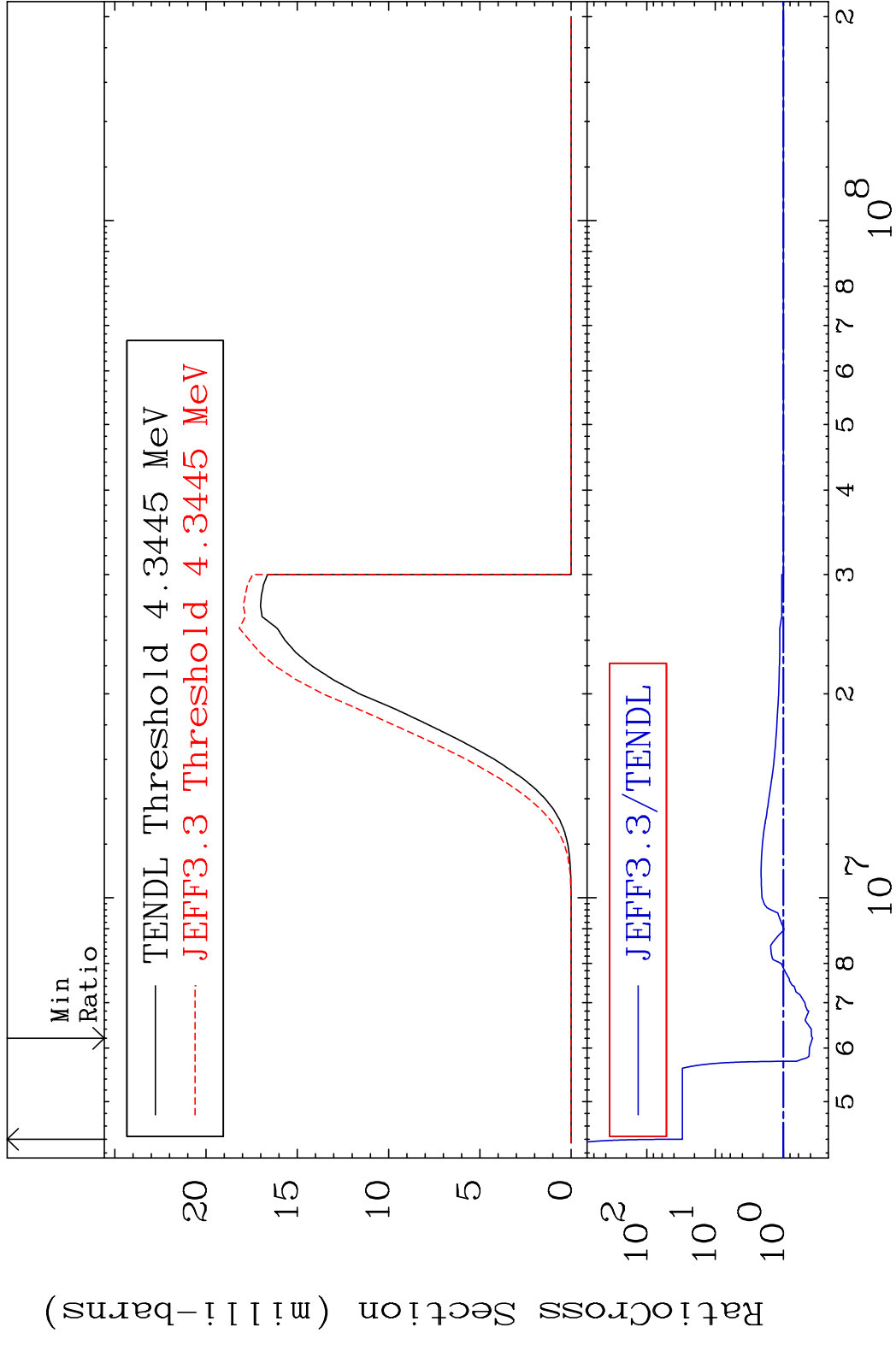
55-Cs-134

MAT 5528

(n,d)

55-Cs-134

Cross Section -62.68 To 2921. %



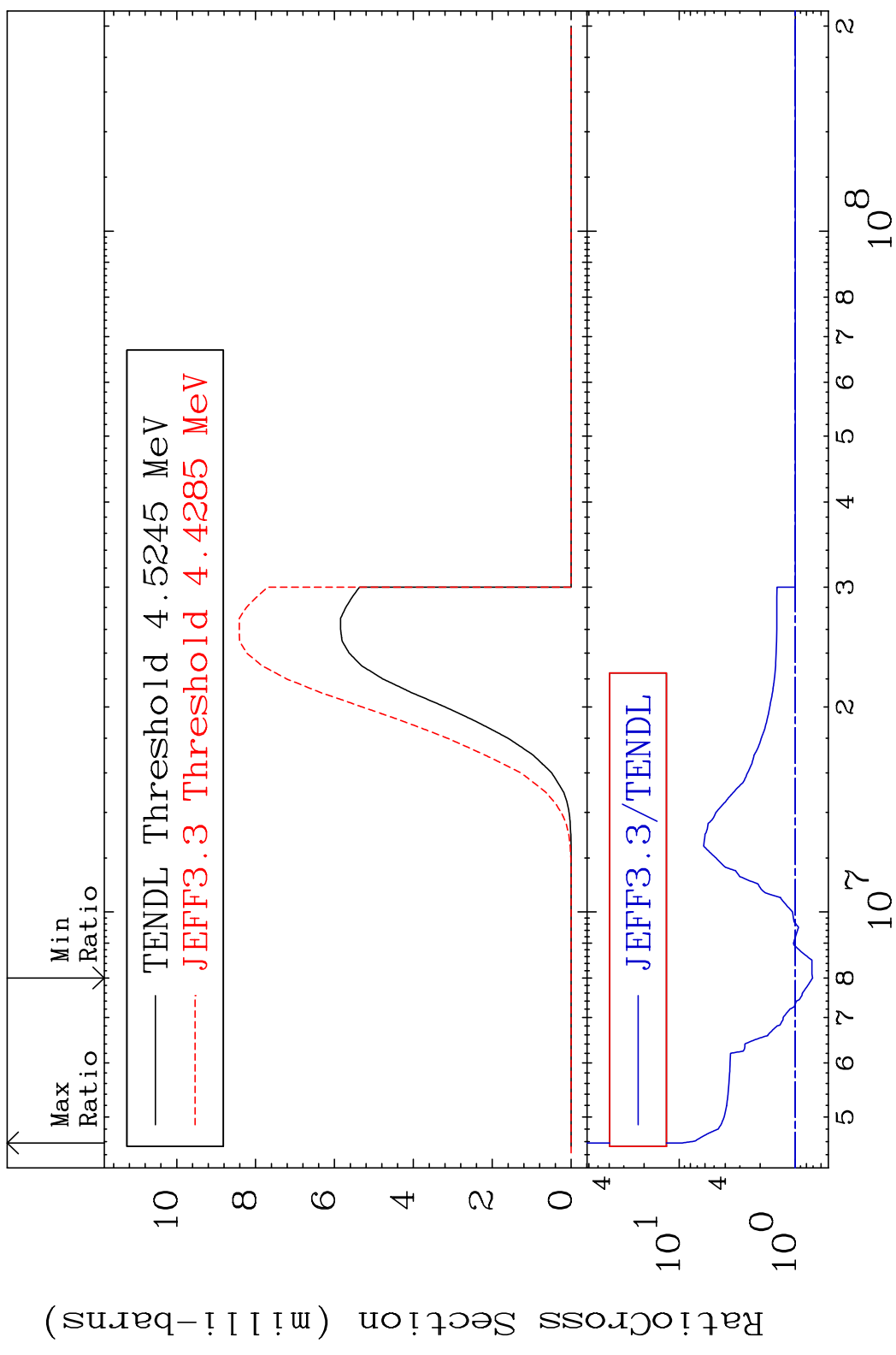
MAT 5528

(n, t)

55-Cs-134

Cross Section

-29.15 To 838.0 %

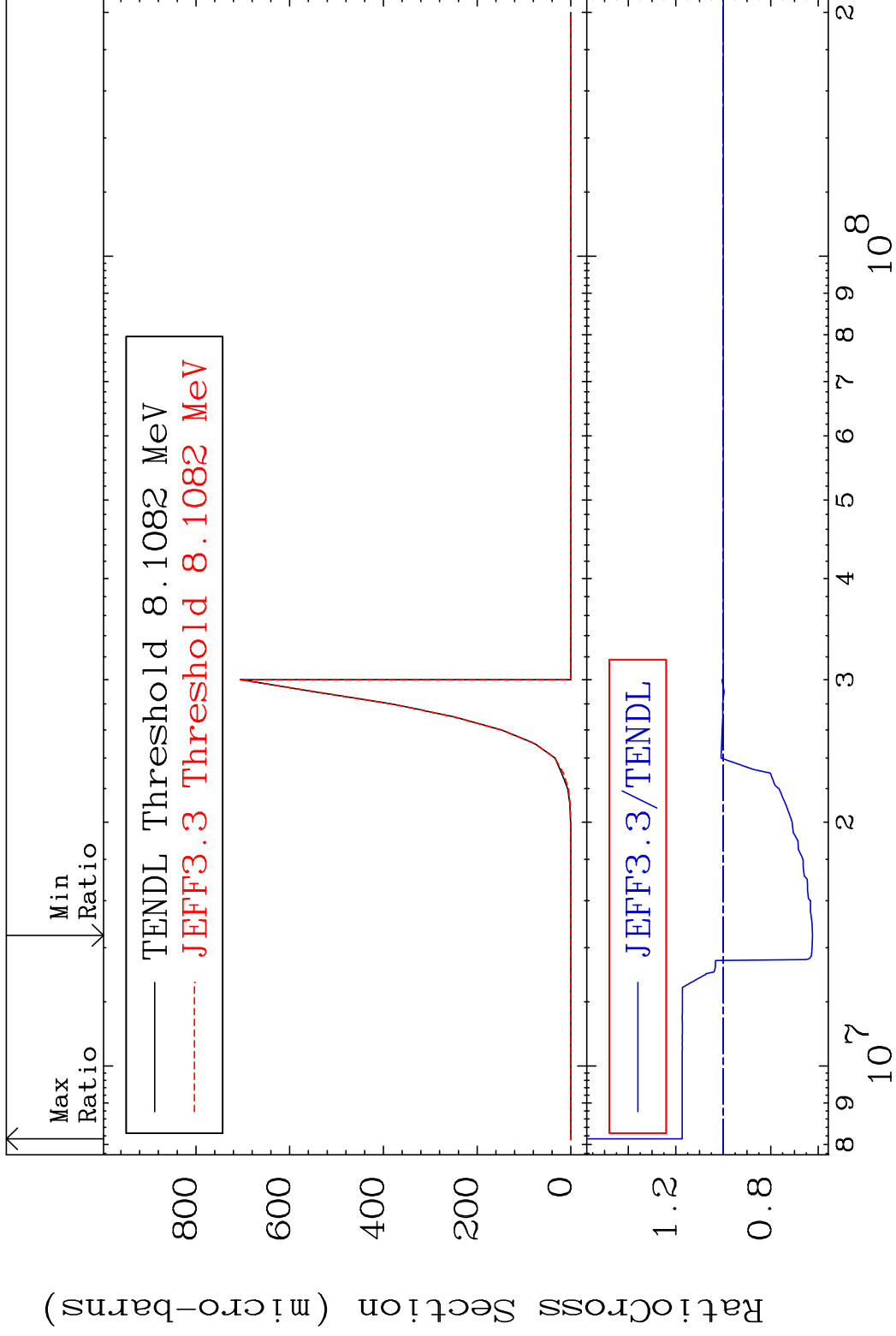


MAT 5528

(n, He-3)

55-Cs-134

Cross Section -37.58 To 17.34 %



54

Incident Energy (eV)

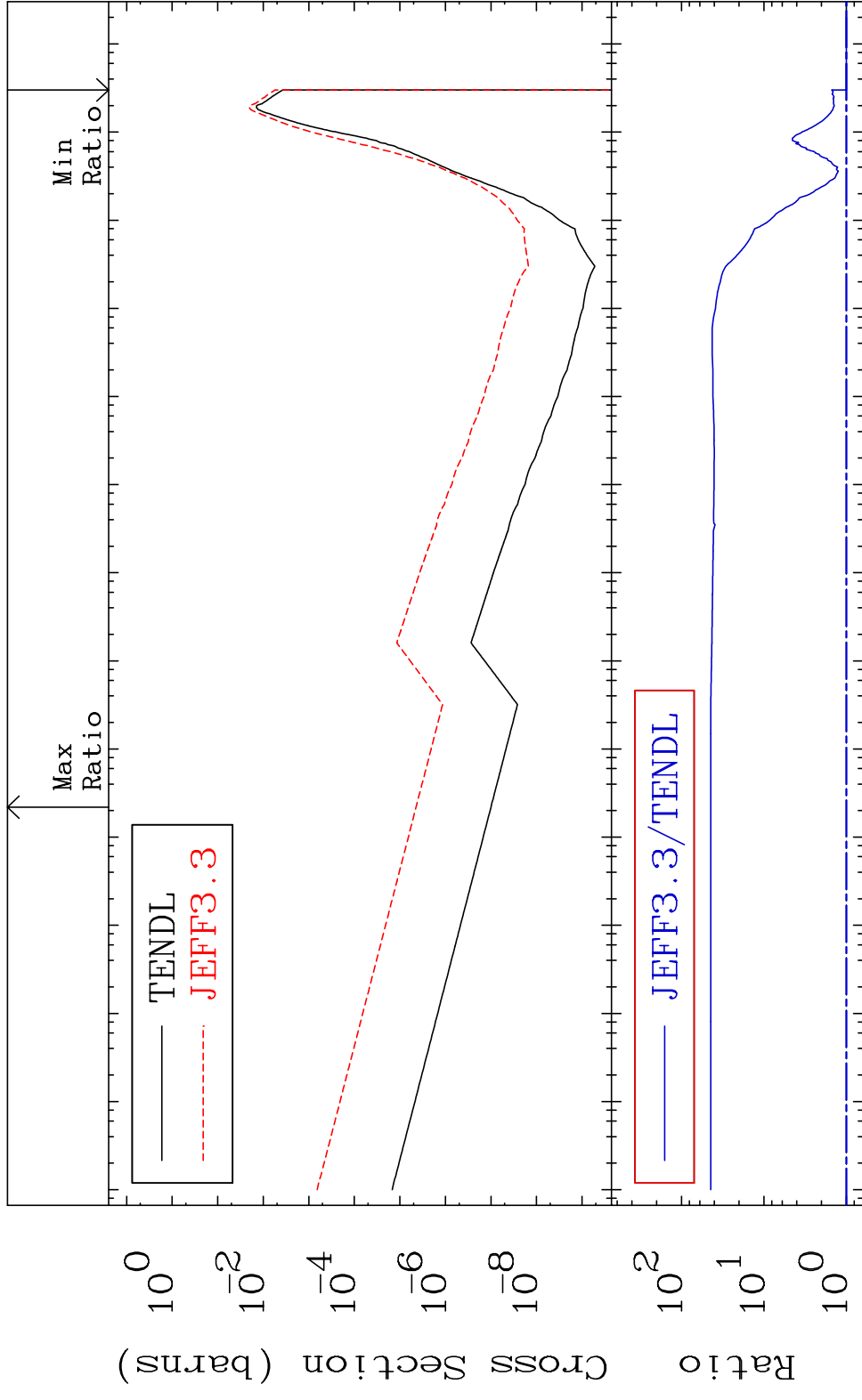
55-Cs-134

MAT 5528

55-Cs-134

(n, α)

Cross Section 0.000 To 4314. %



55

Incident Energy (eV)

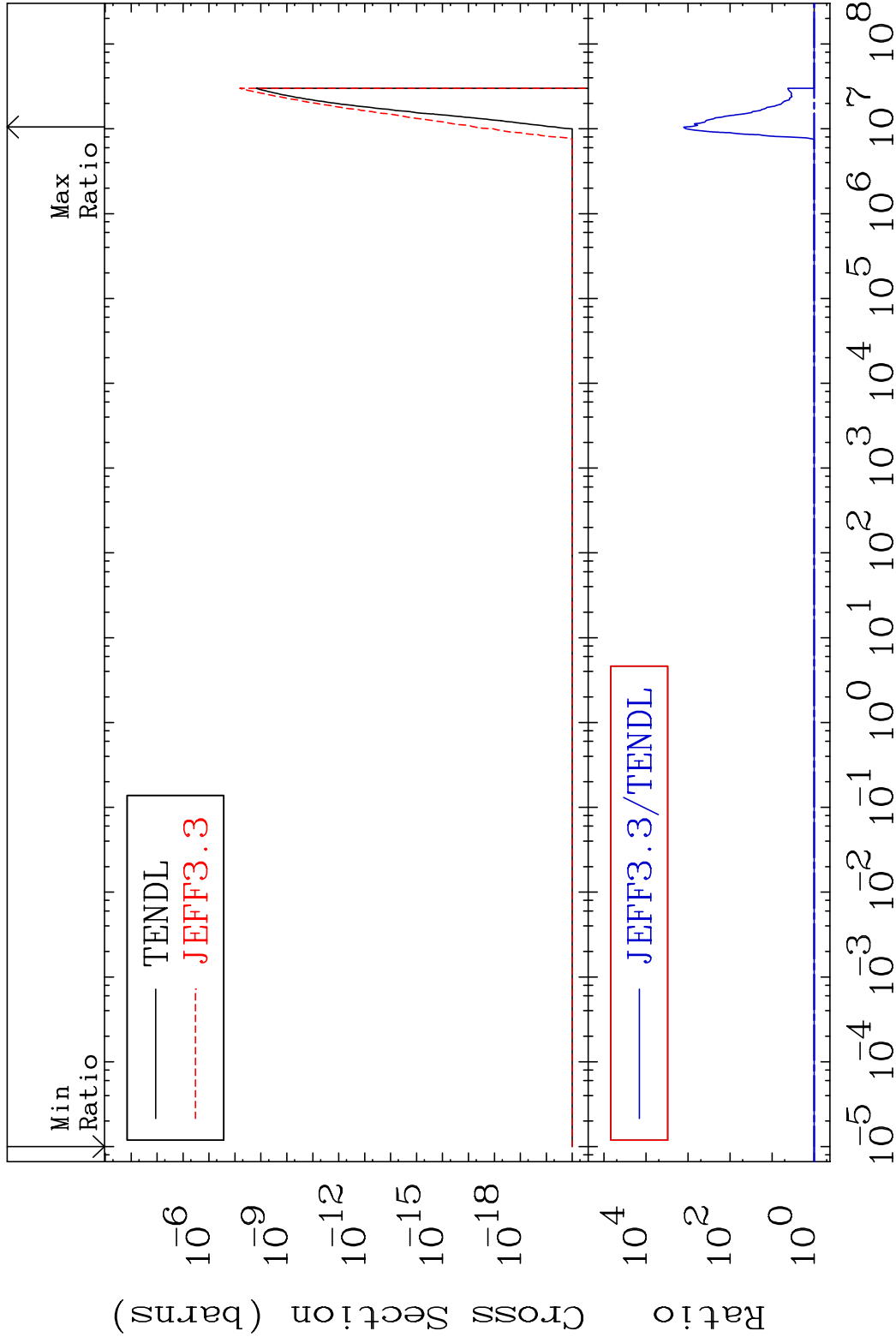
55-Cs-134

MAT 5528

(n,2α)

55-Cs-134

Cross Section 0.000 To 9999. %



56

Incident Energy (eV)

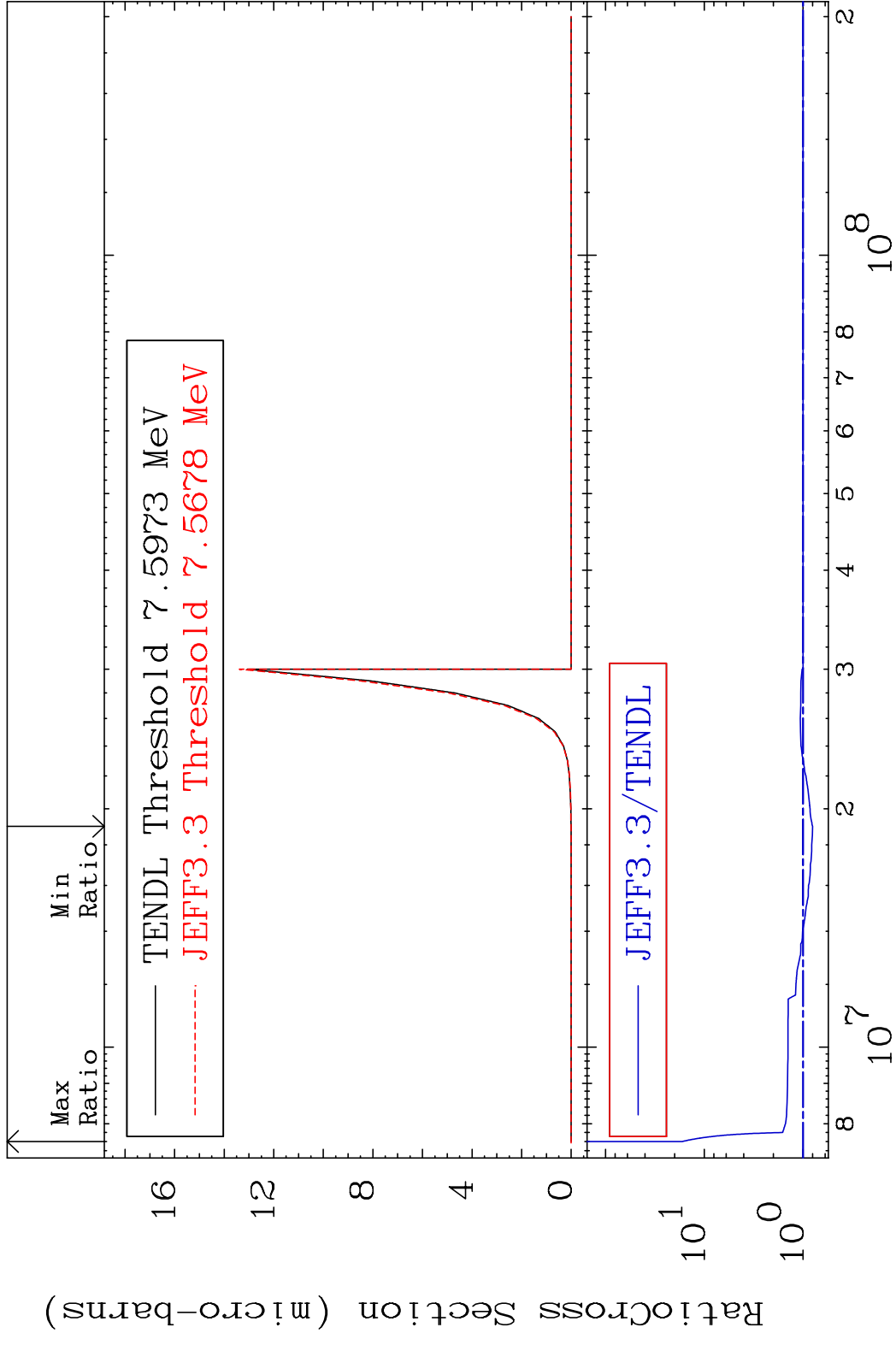
55-Cs-134

MAT 5528

(n,2p)

55-Cs-134

Cross Section -19.71 To 1570. %



57

Incident Energy (eV)

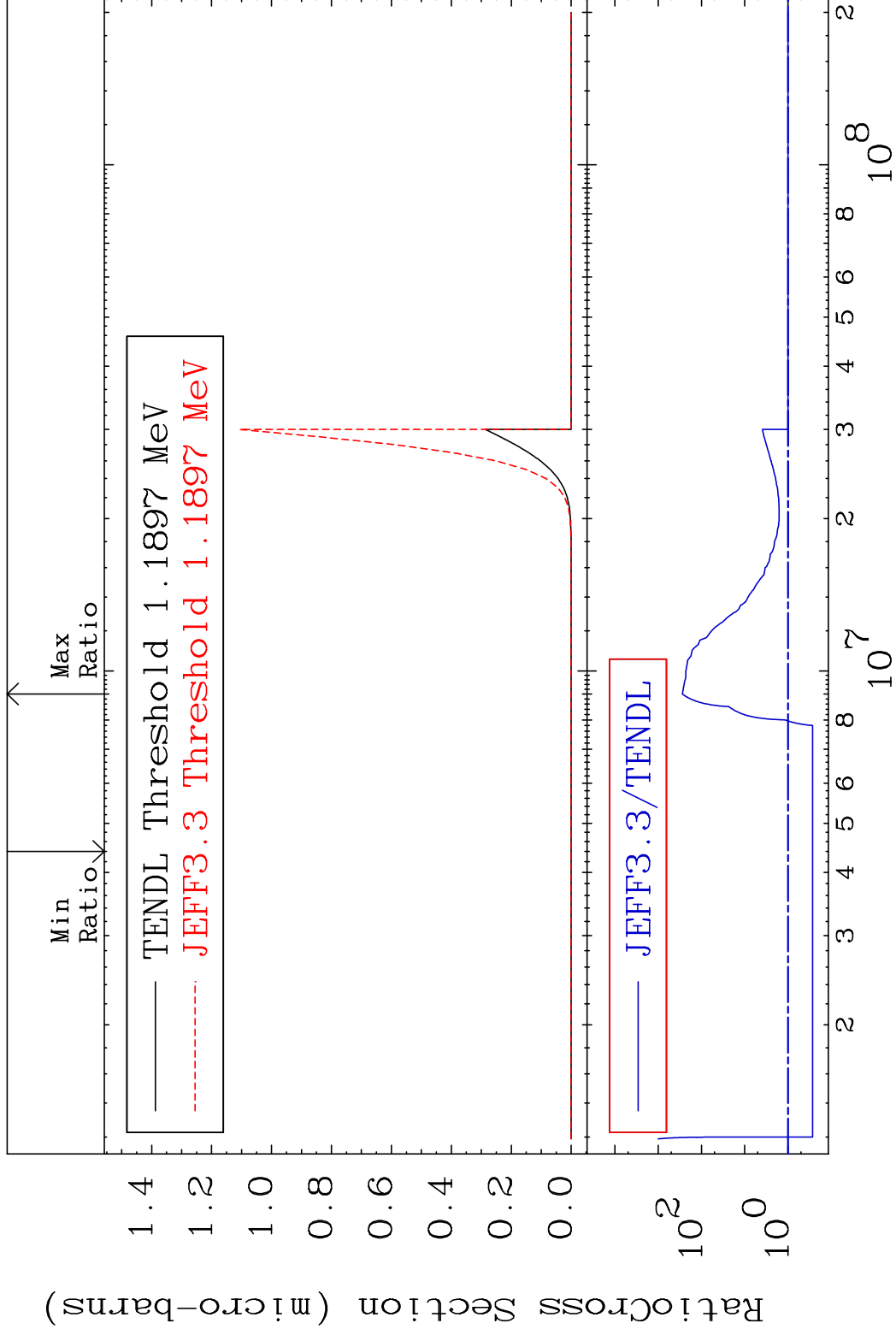
55-Cs-134

MAT 5528

(n,p) α

55-Cs-134

Cross Section -73.06 To 9999. %



58

Incident Energy (eV)

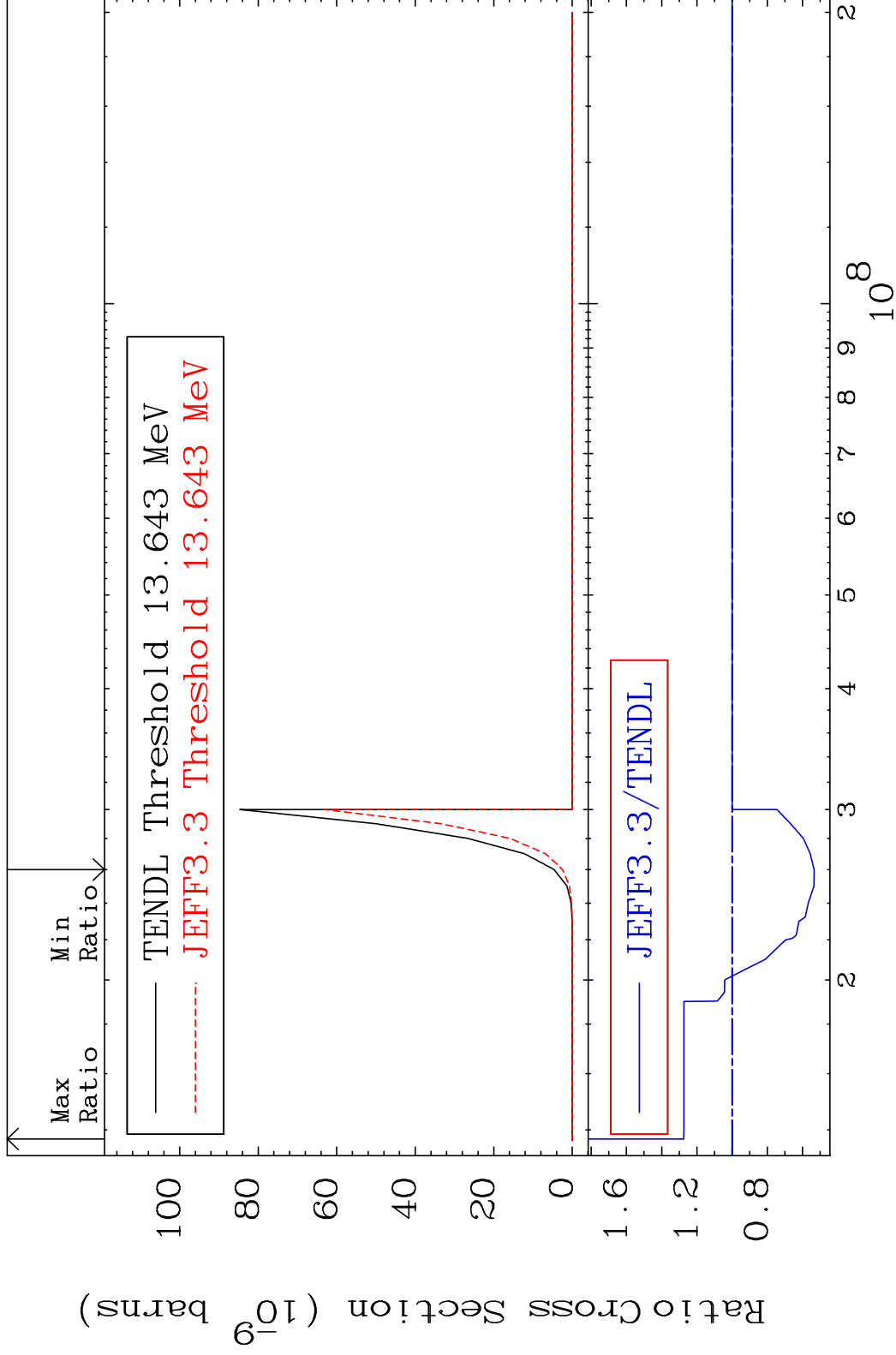
55-Cs-134

MAT 5528

(n,p) d

55-Cs-134

Cross Section -46.62 To 27.49 %



59

Incident Energy (eV)

55-Cs-134

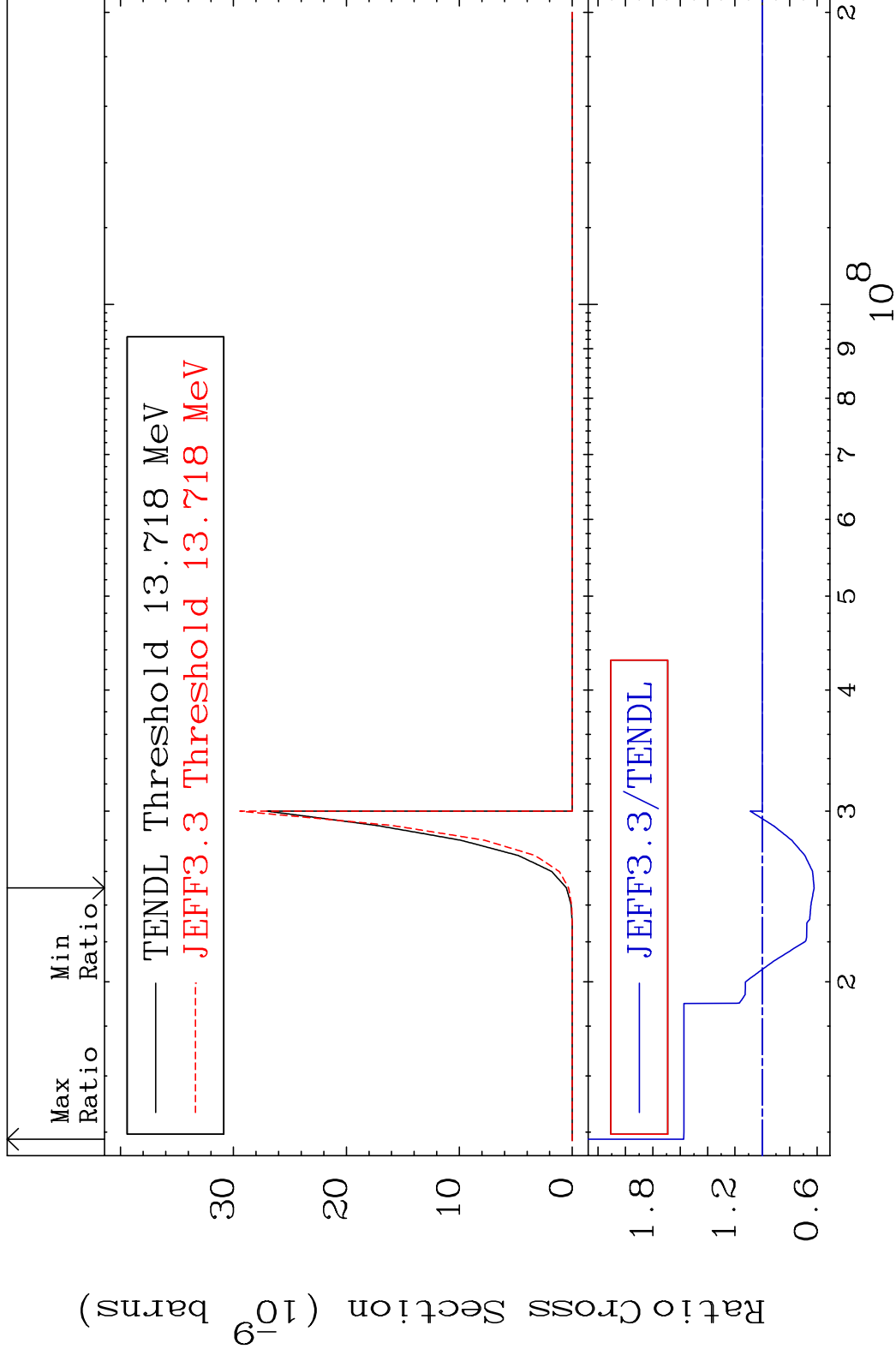
MAT 5528

(n,p) t

55-Cs-134

Cross Section

-37.76 To 57.45 %

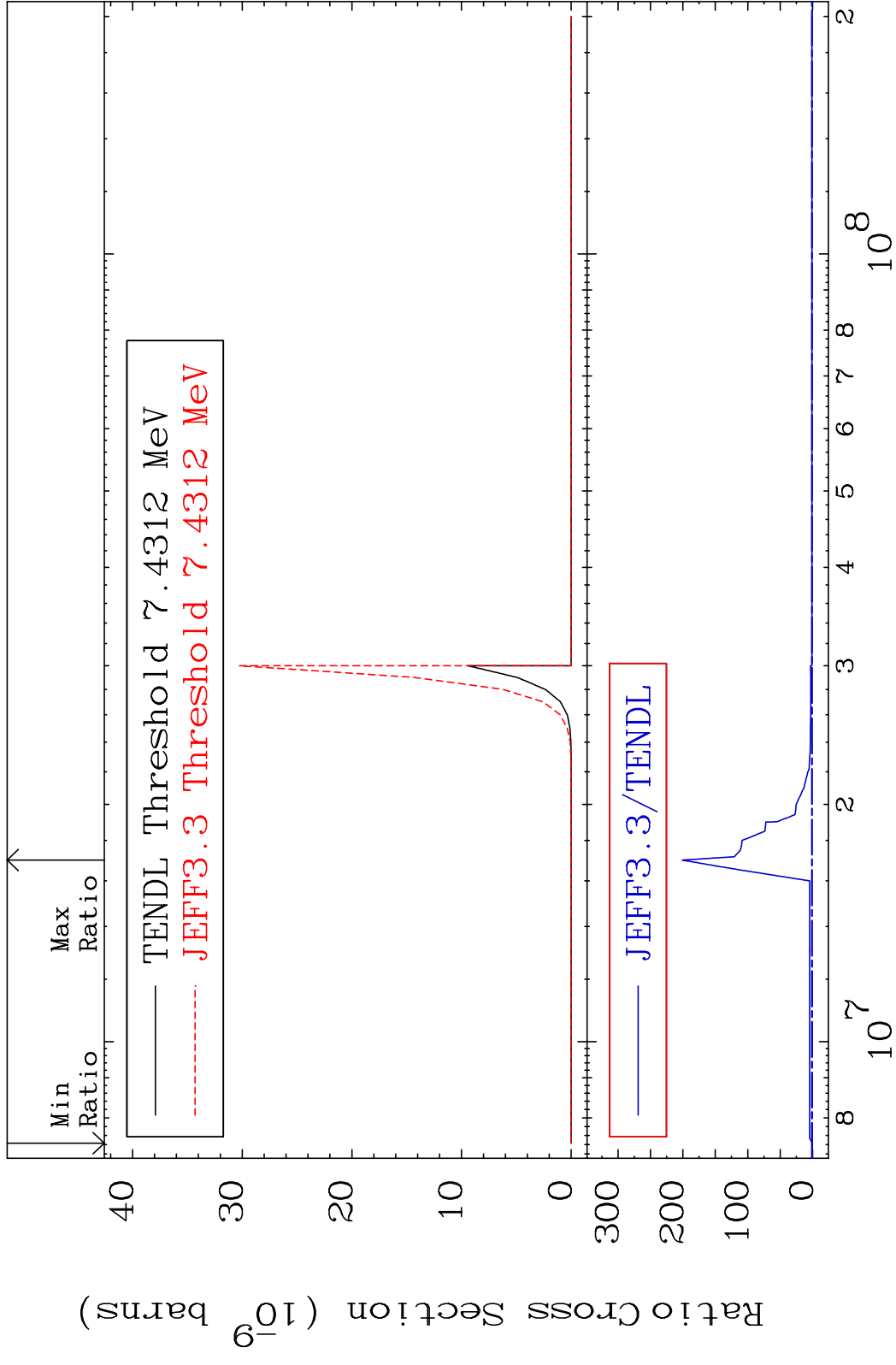


60

Incident Energy (eV)

55-Cs-134

MAT 5528 (n,d) α 55-Cs-134
 Cross Section -100.0 To 9999. %



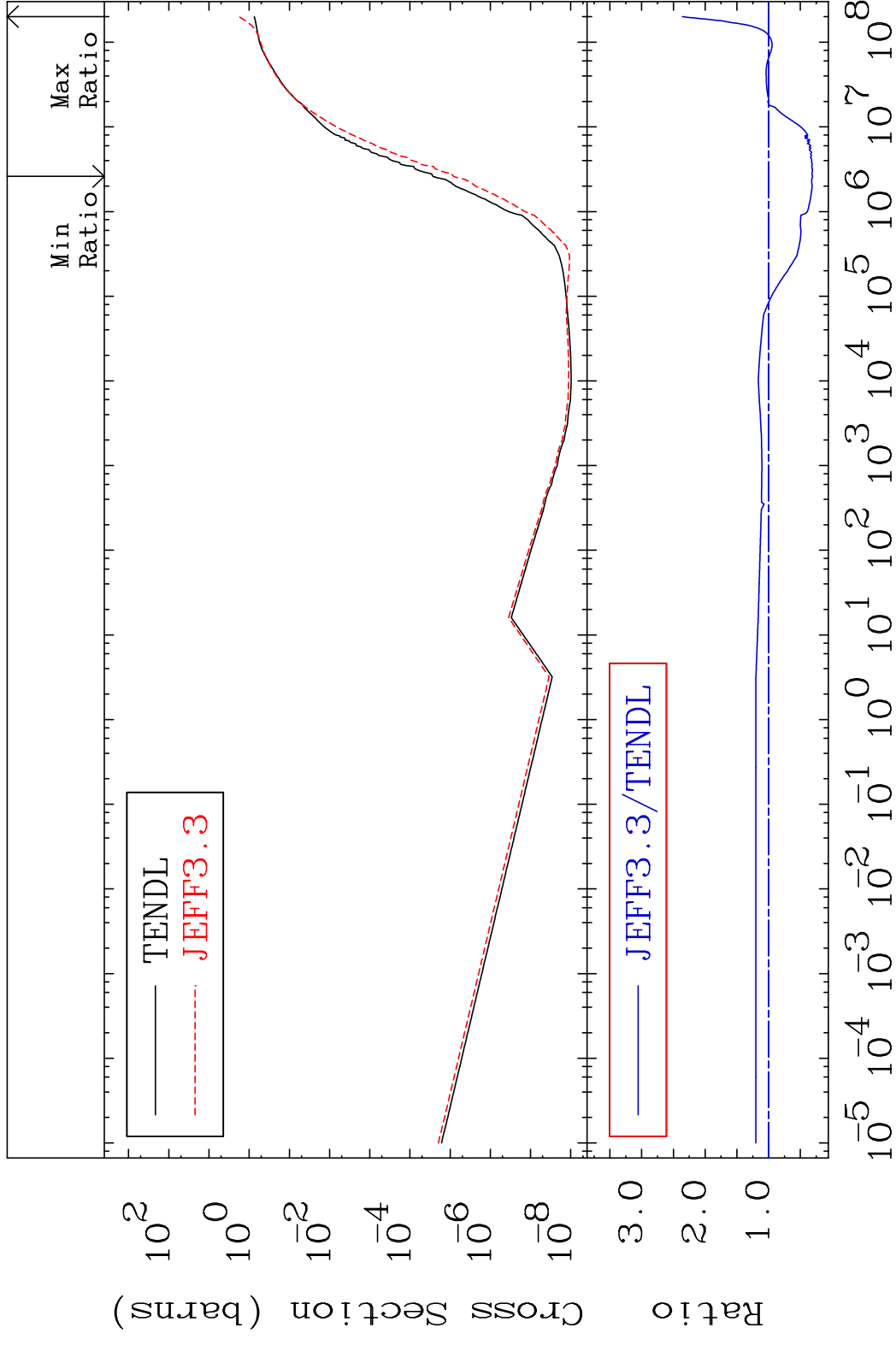
MAT 5528

Hydrogen Production

55-Cs-134

Cross Section

-69.24 To 135.9 %

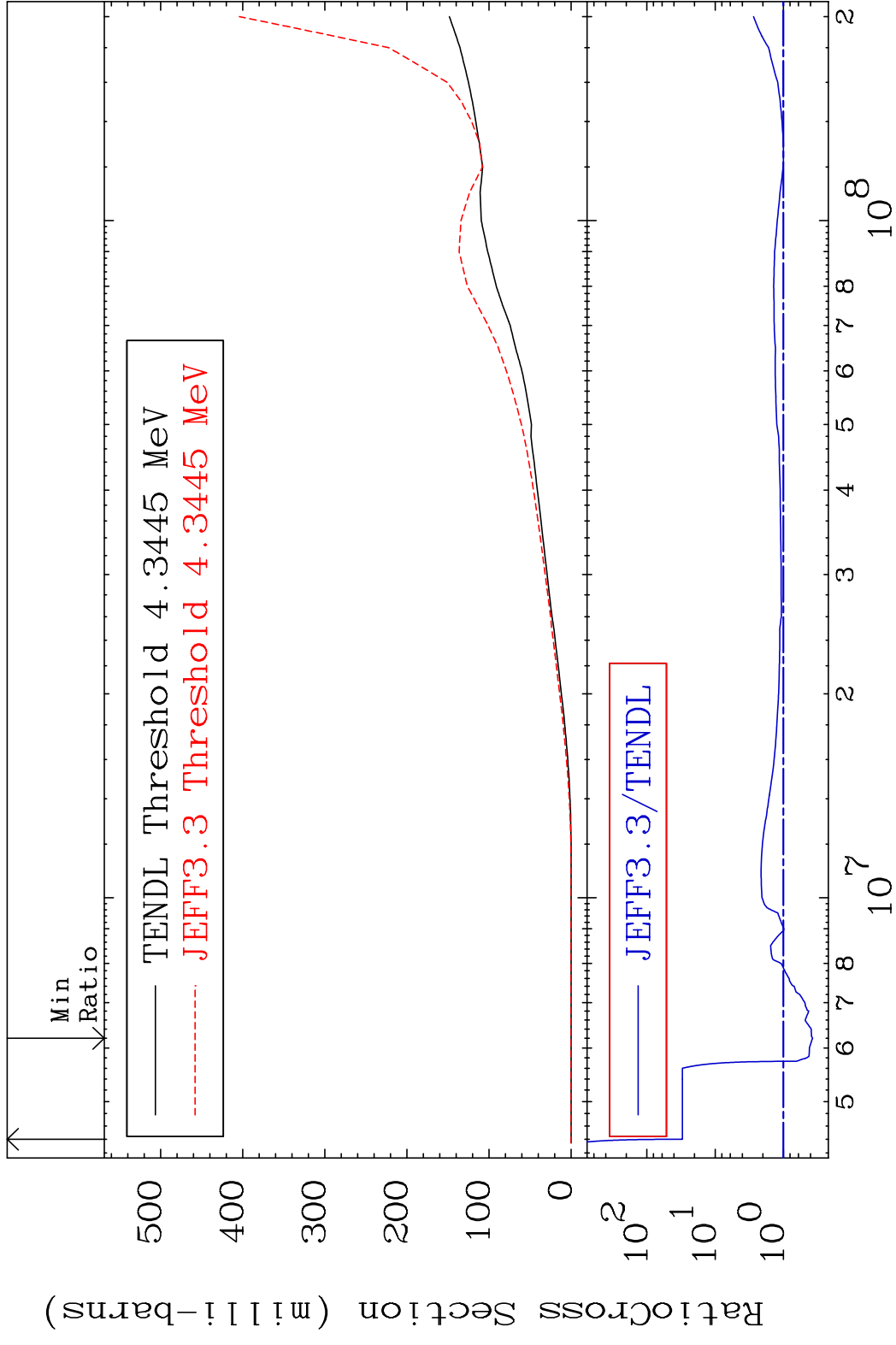


MAT 5528

Deuterium Production

55-Cs-134

Cross Section -62.68 To 2921. %



63

Incident Energy (eV)

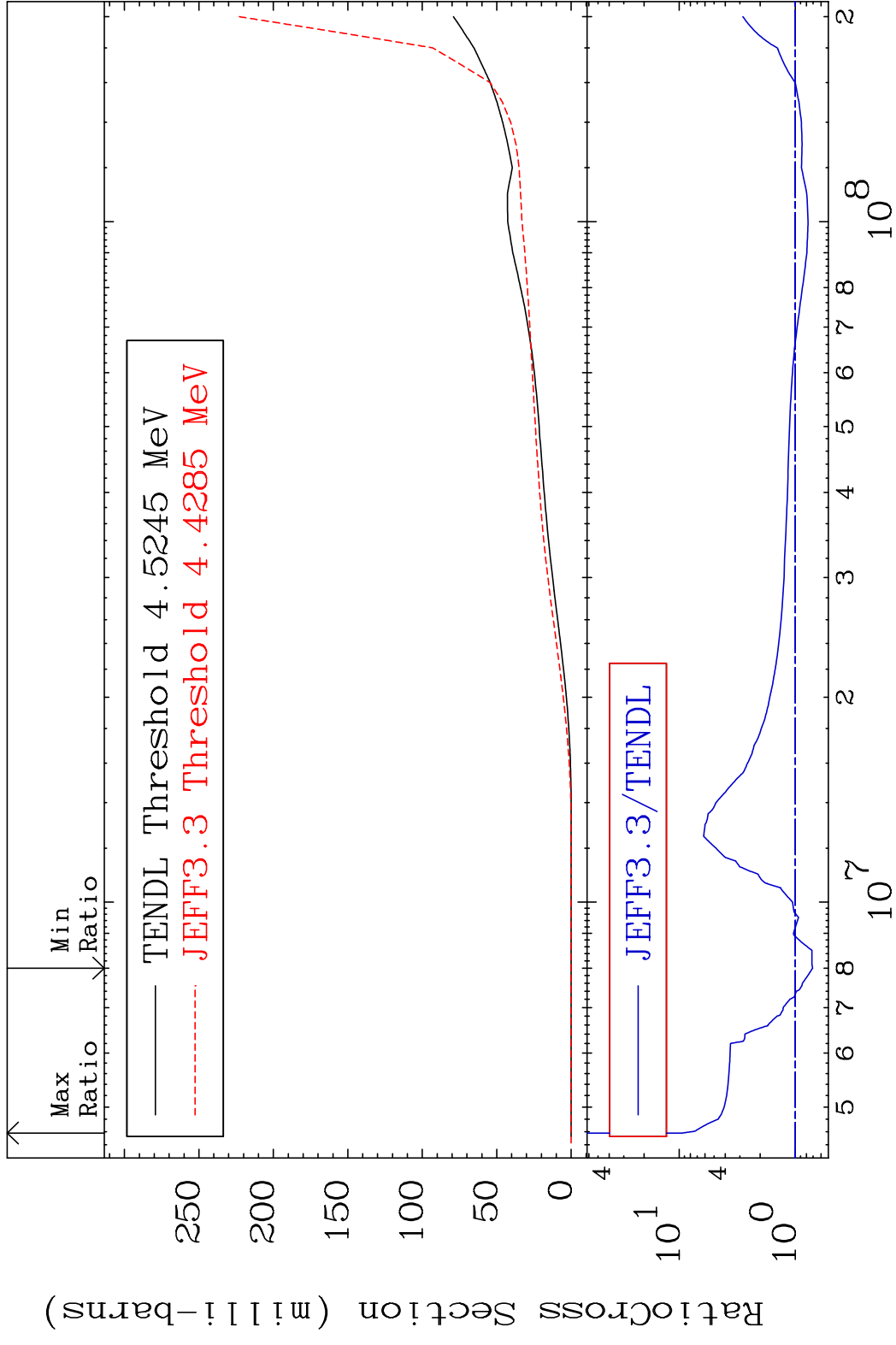
55-Cs-134

MAT 5528

Tritium Production

55-Cs-134

Cross Section -29.15 To 838.0 %

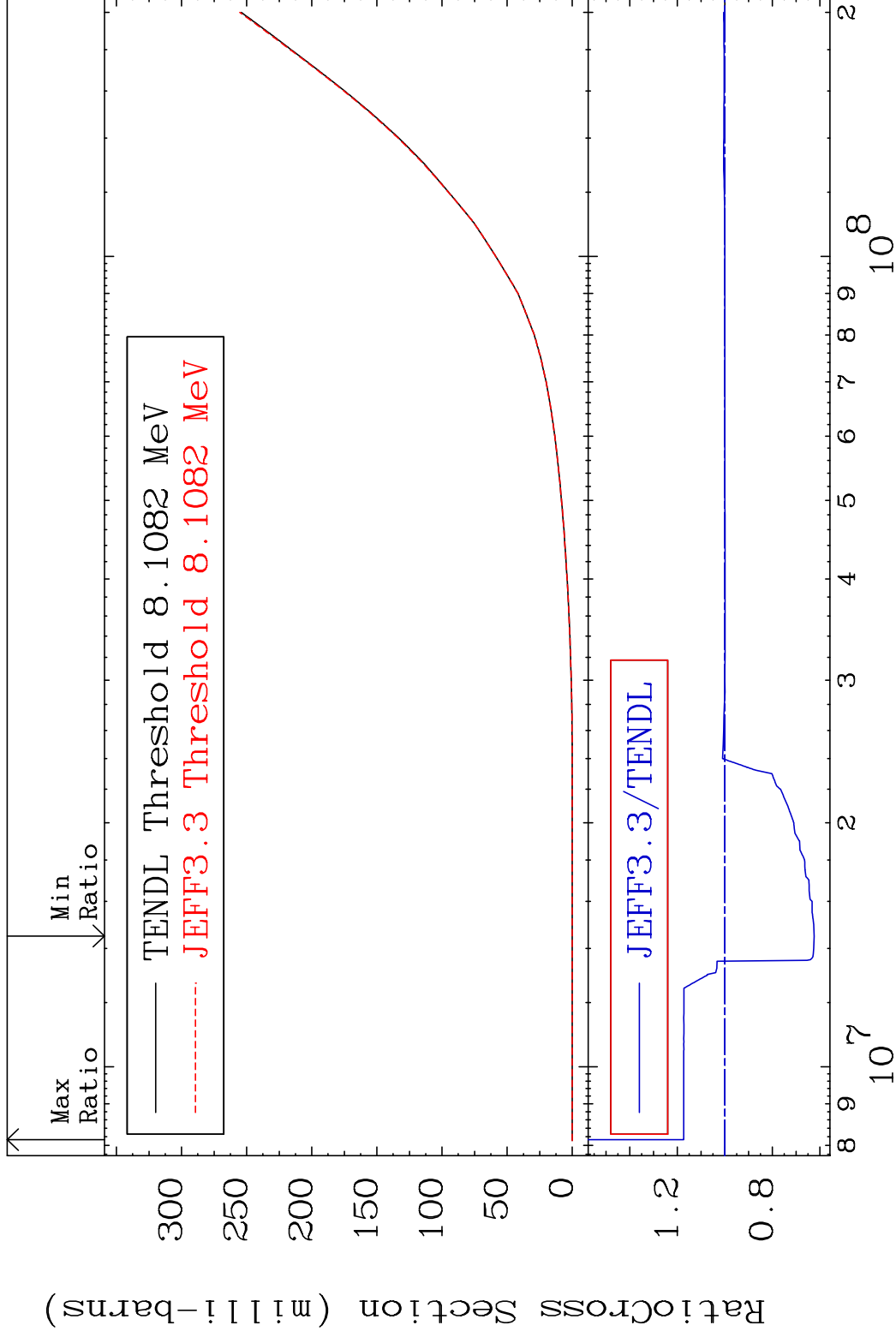


MAT 5528

He-3 Production

55-Cs-134

Cross Section -37.58 To 17.34 %



65

Incident Energy (eV)

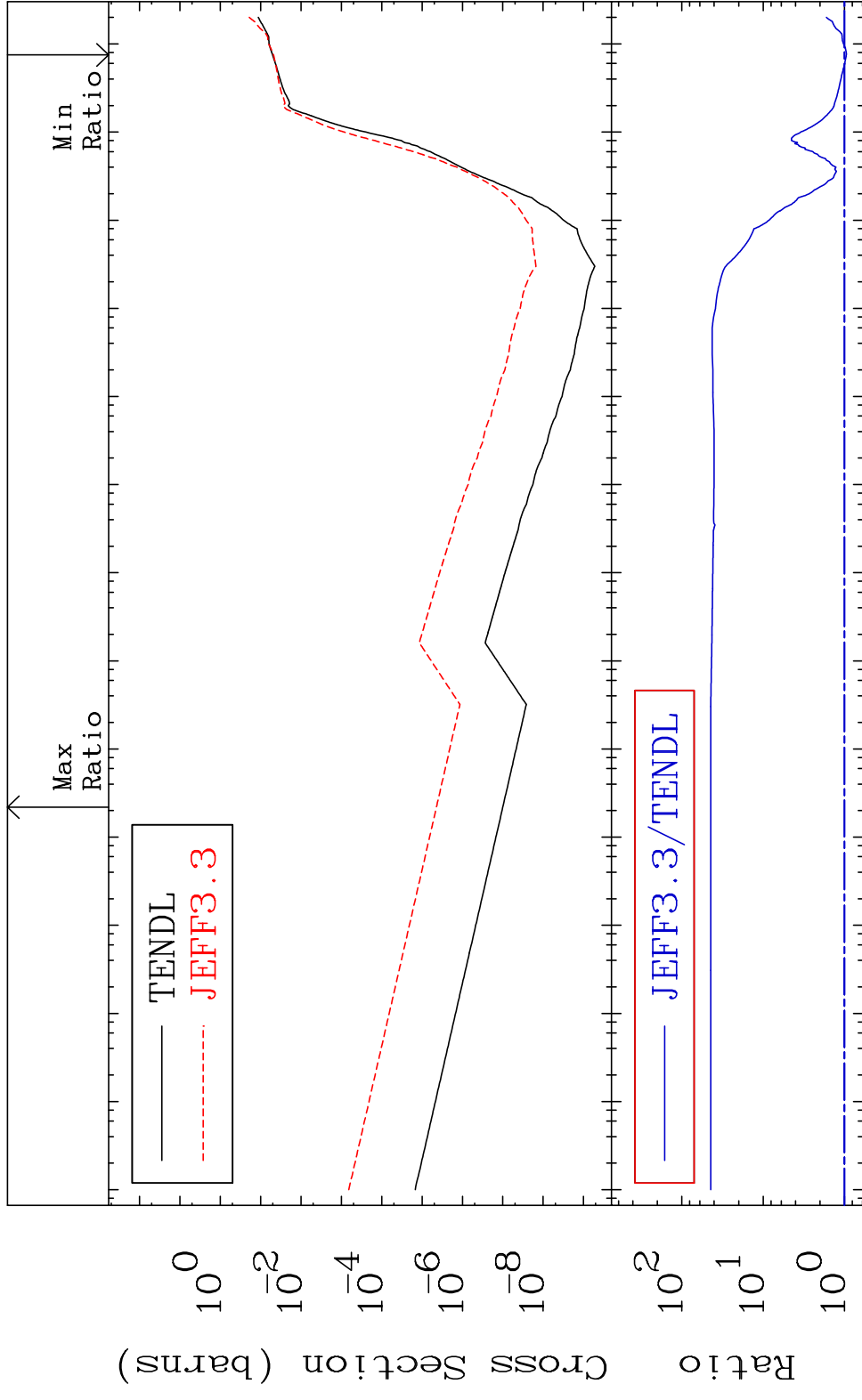
55-Cs-134

MAT 5528

He-4 Production

55-Cs-134

Cross Section -5.046 To 4314. %

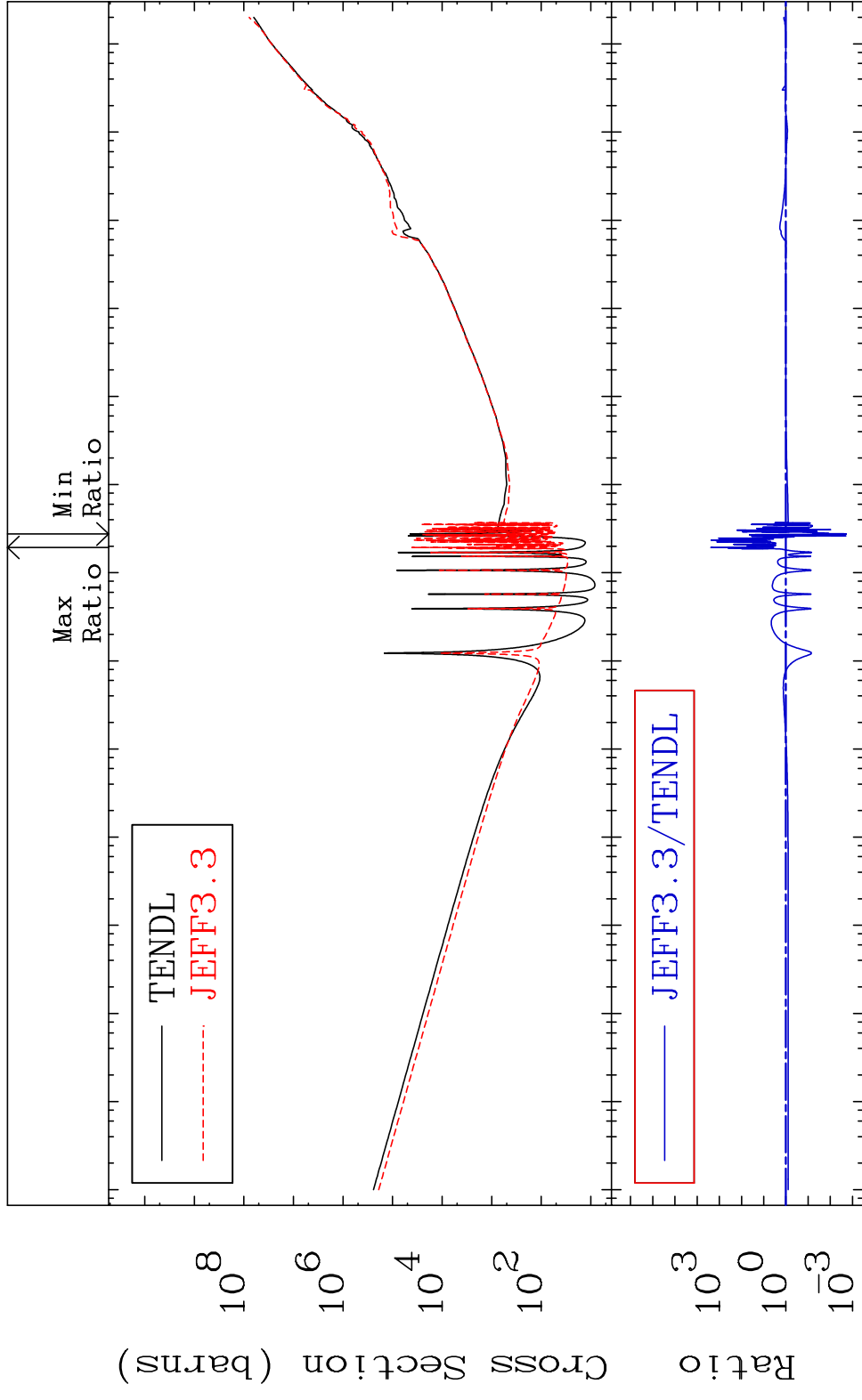


66

Incident Energy (eV)

55-Cs-134

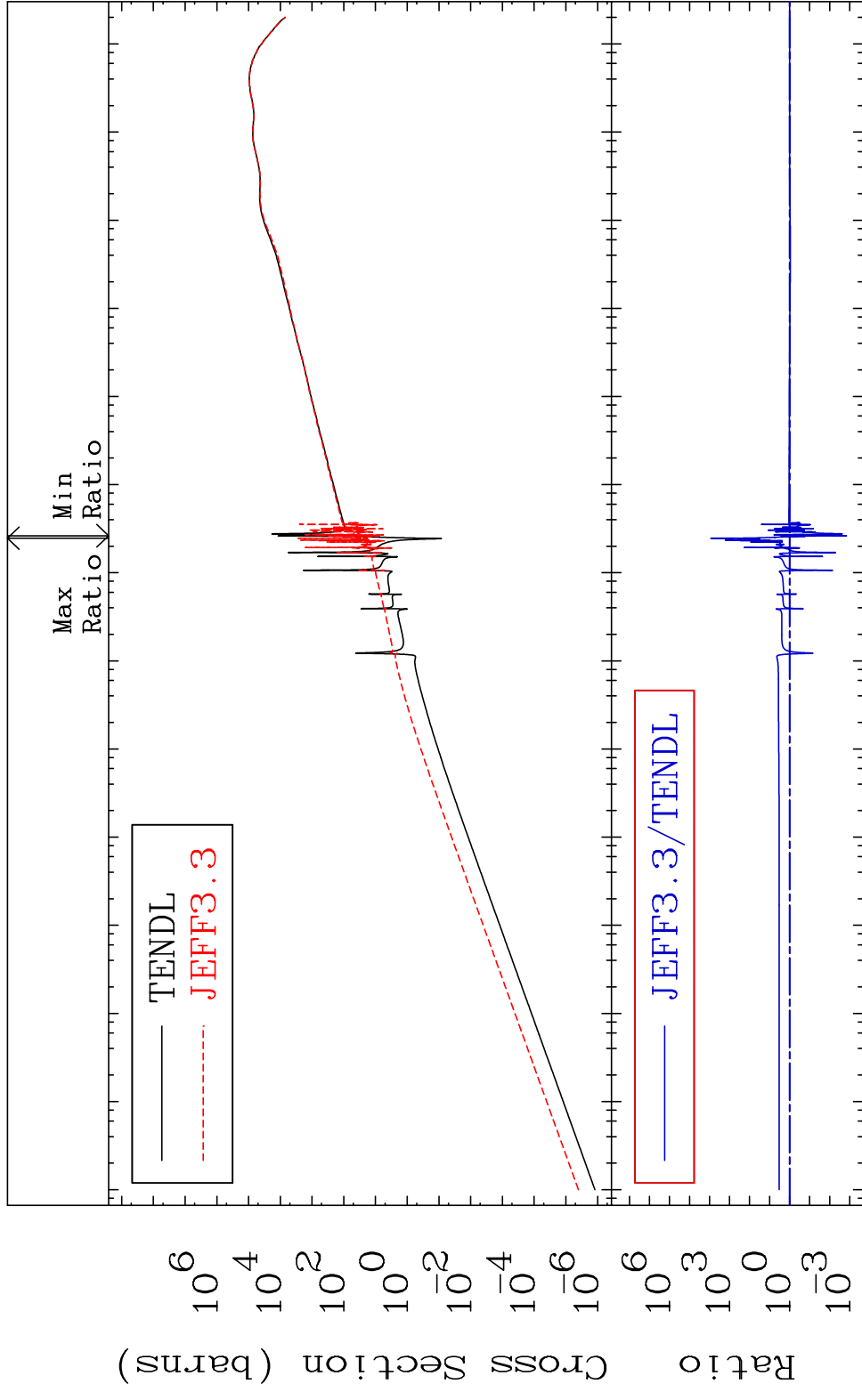
MAT 5528 Kerma total (eV-barns) 55-Cs-134
 Cross Section -99.81 To 9999. %



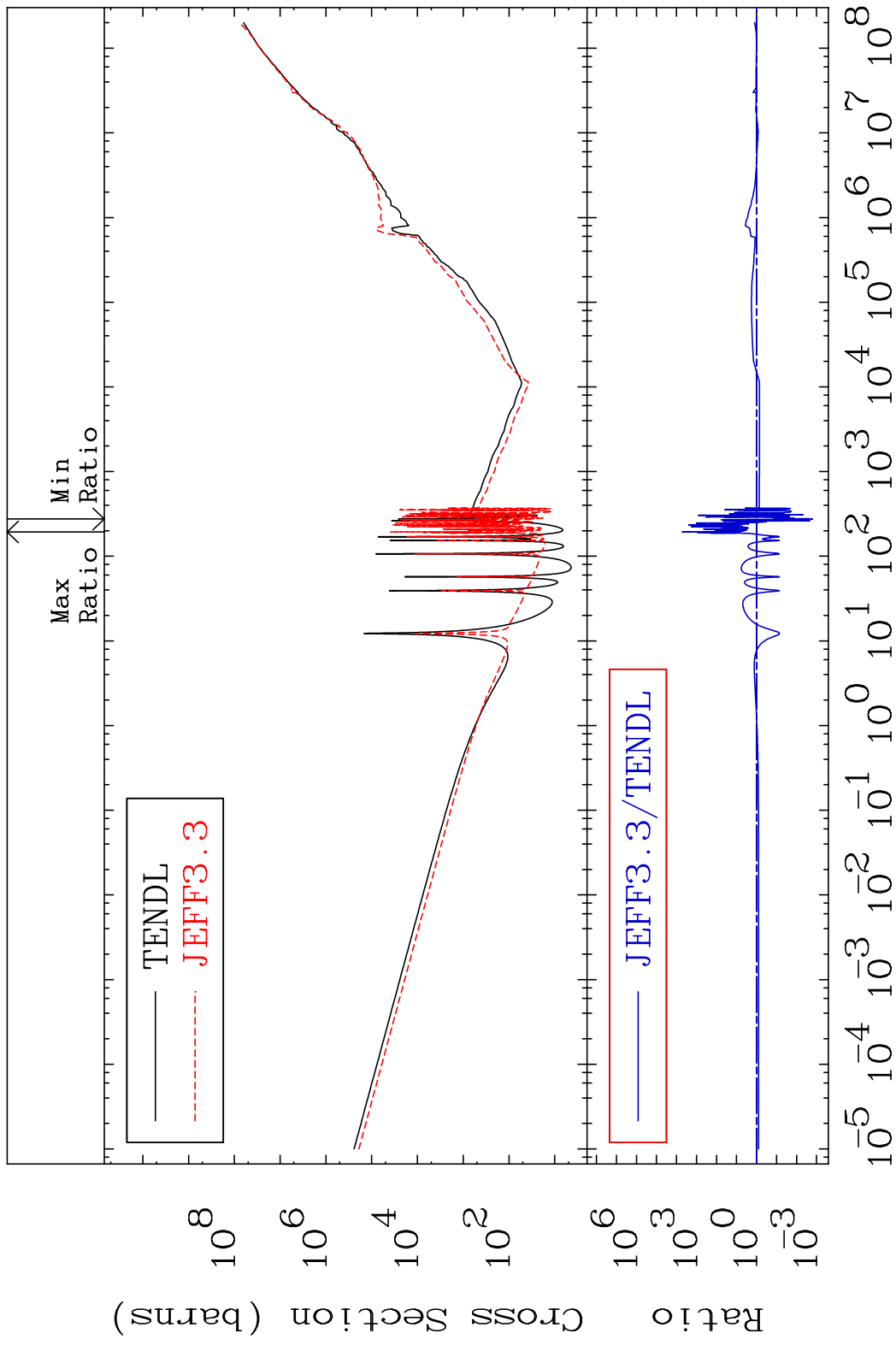
MAT 5528

Kerma elastic
Cross Section -99.85 To 9999. %

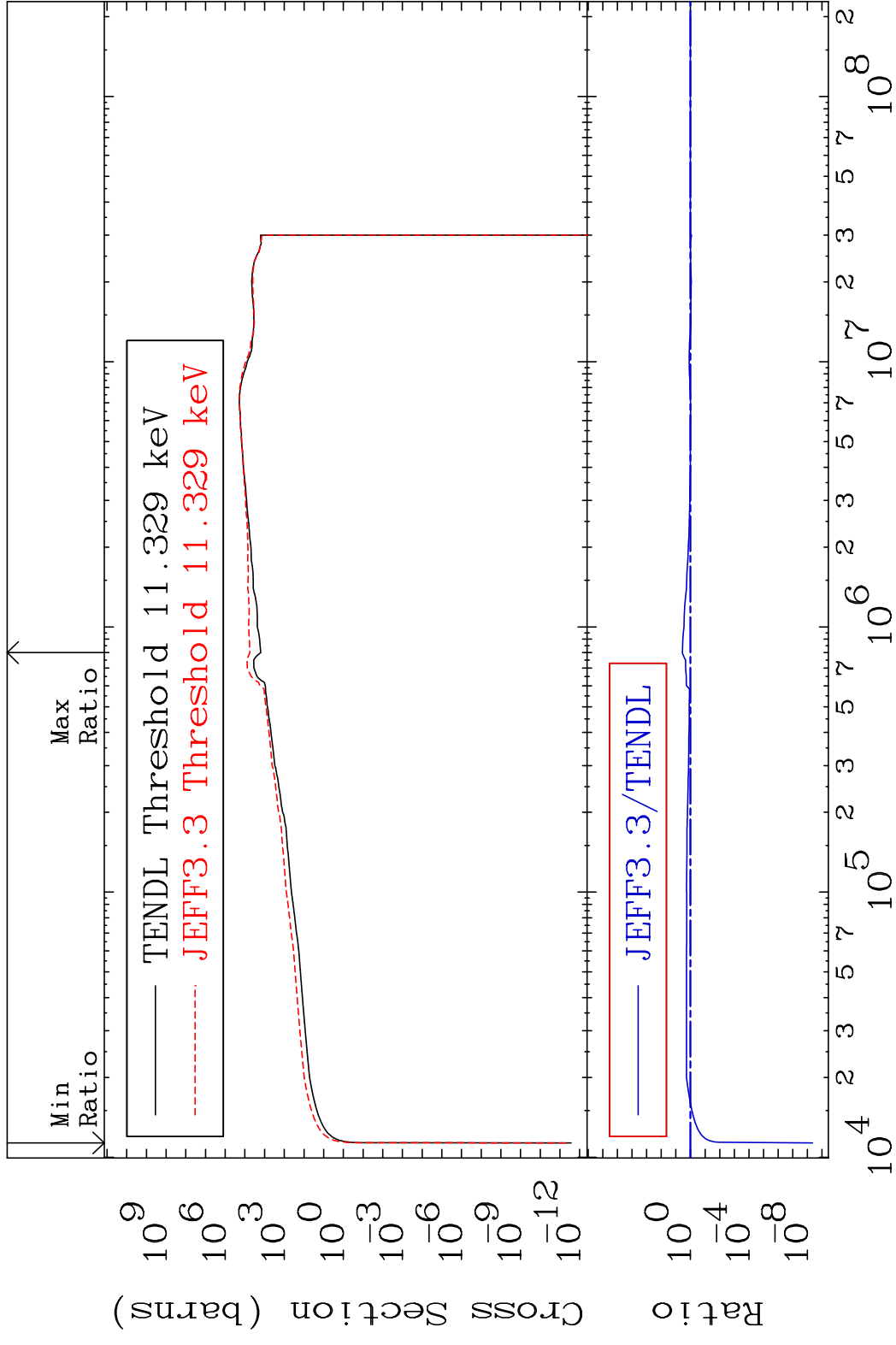
55-Cs-134



MAT 5528 Kerma non-elastic (all but mt2) 55-Cs-134
 Cross Section -99.84 To 9999. %

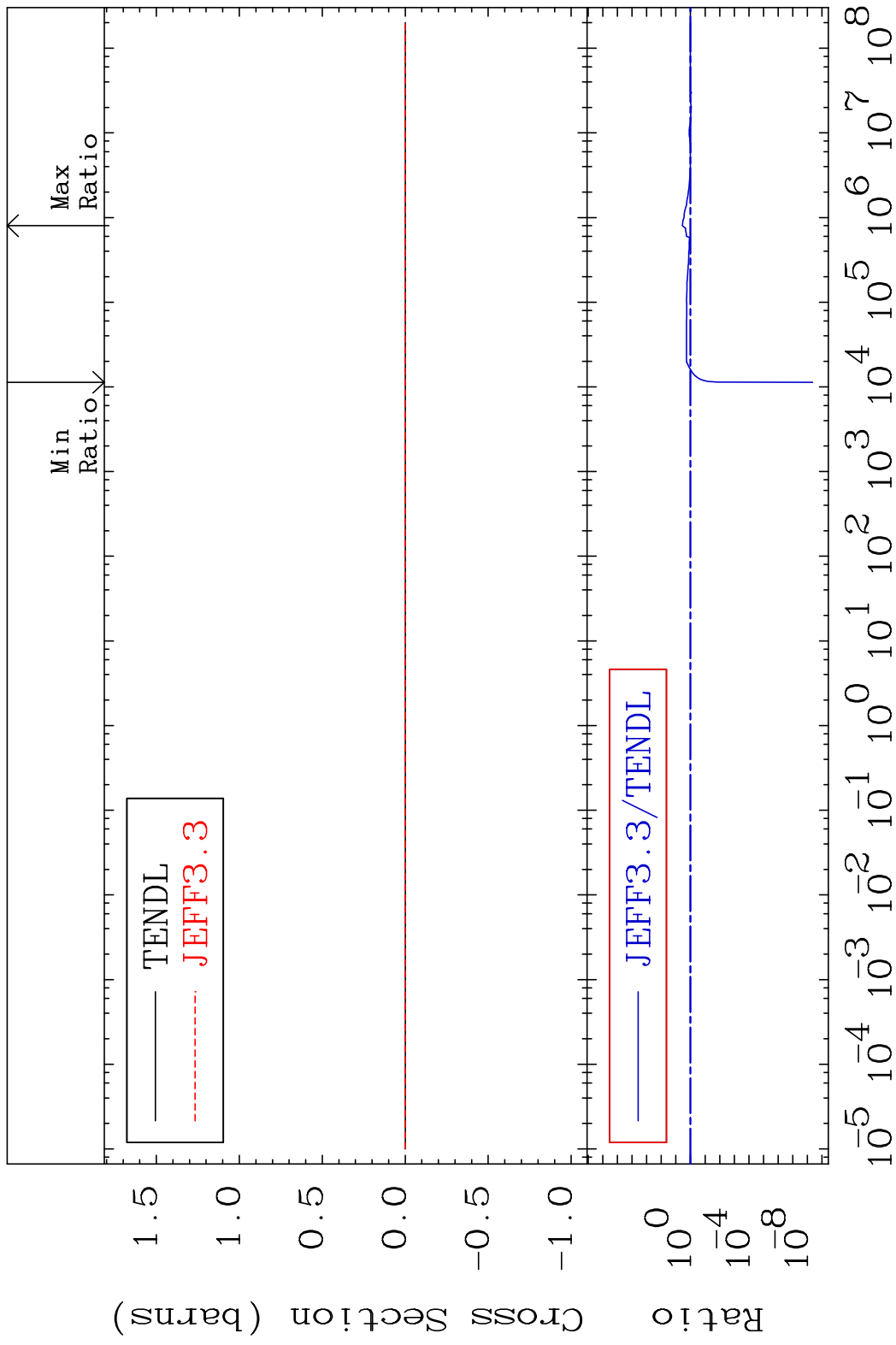


MAT 5528 Kerma inelastic (mt51-91) 55-Cs-134
 Cross Section -100.0 To 259.7 %



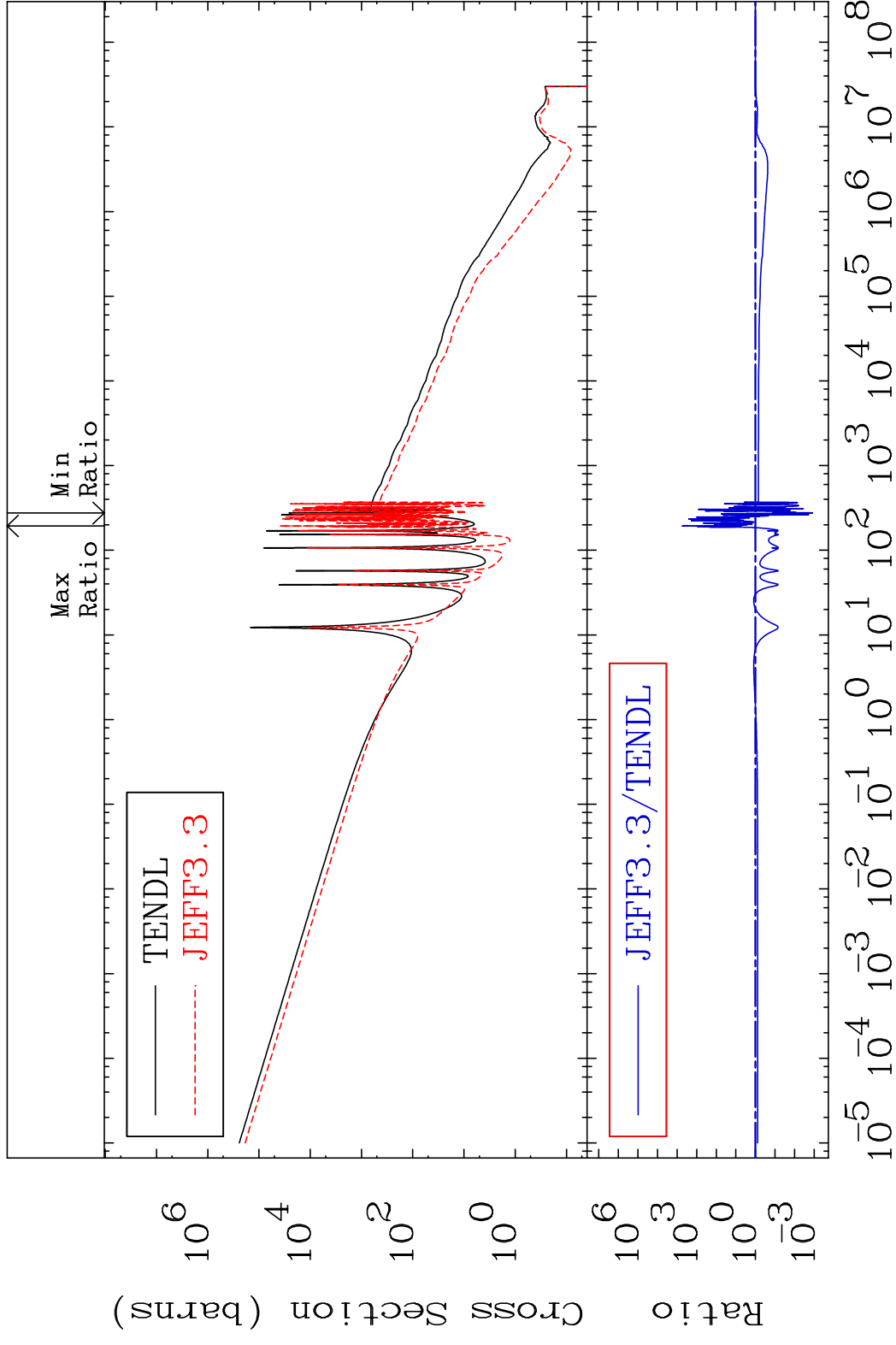
70 Incident Energy (eV) 55-Cs-134

MAT 5528 Kerma fission (mt18 or mt19-20-21-38) 55-Cs-134
 Cross Section -100.0 To 259.7 %

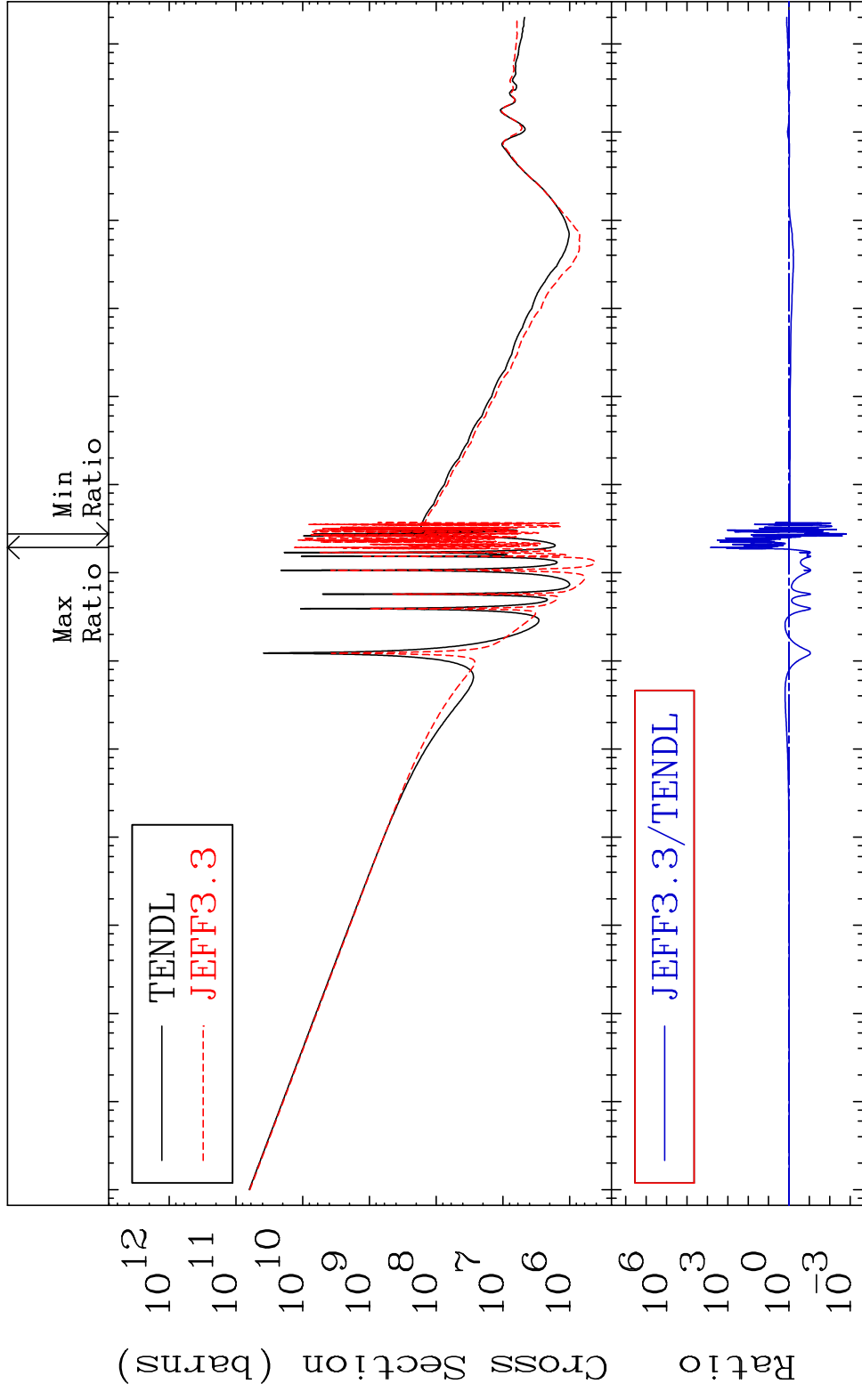


MAT 5528

Kerma capture (mt102) 55-Cs-134
Cross Section -99.88 To 9999. %

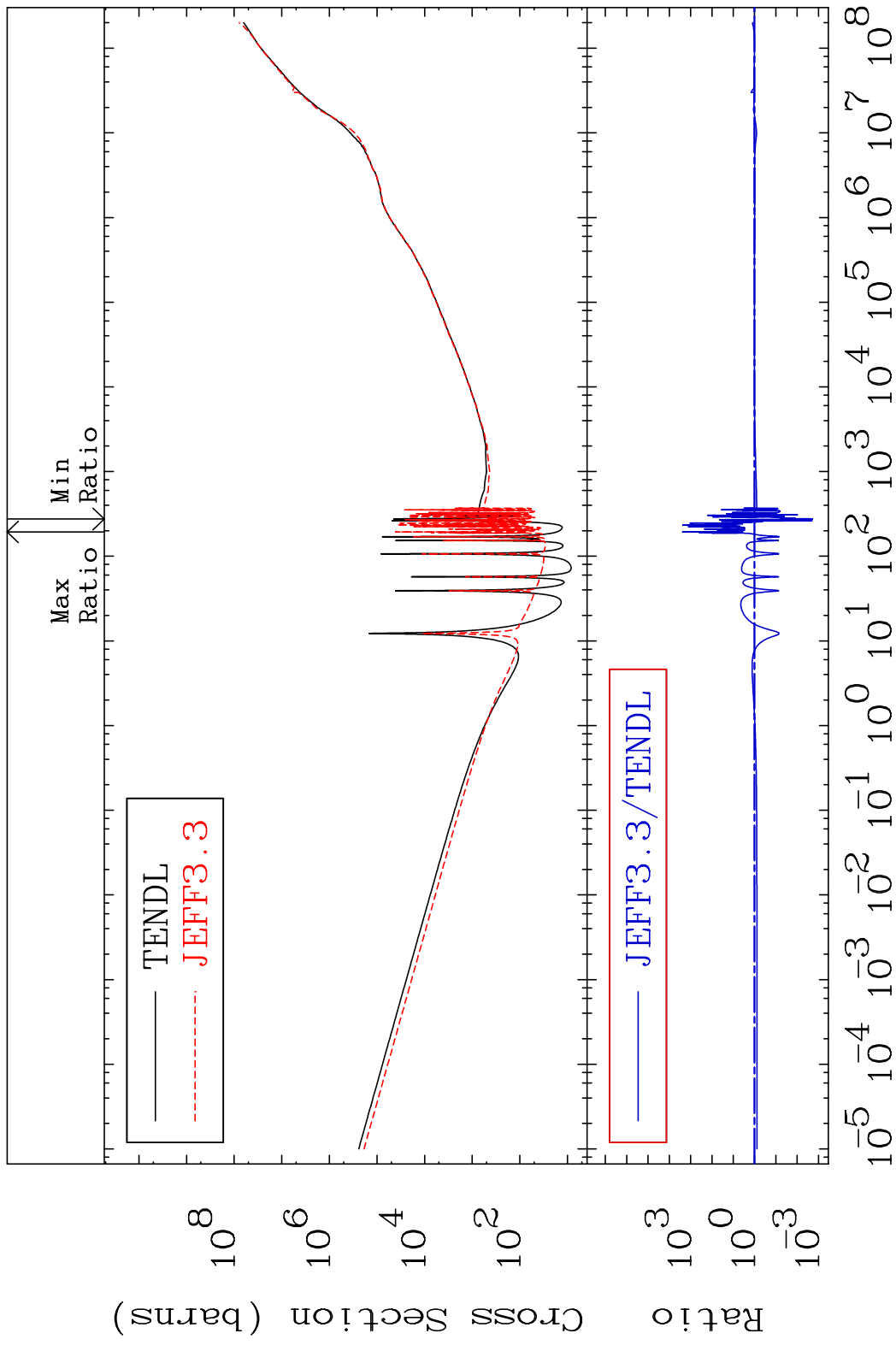


MAT 5528 Total photon (eV-barns) 55-Cs-134
 Cross Section -99.85 To 9999. %

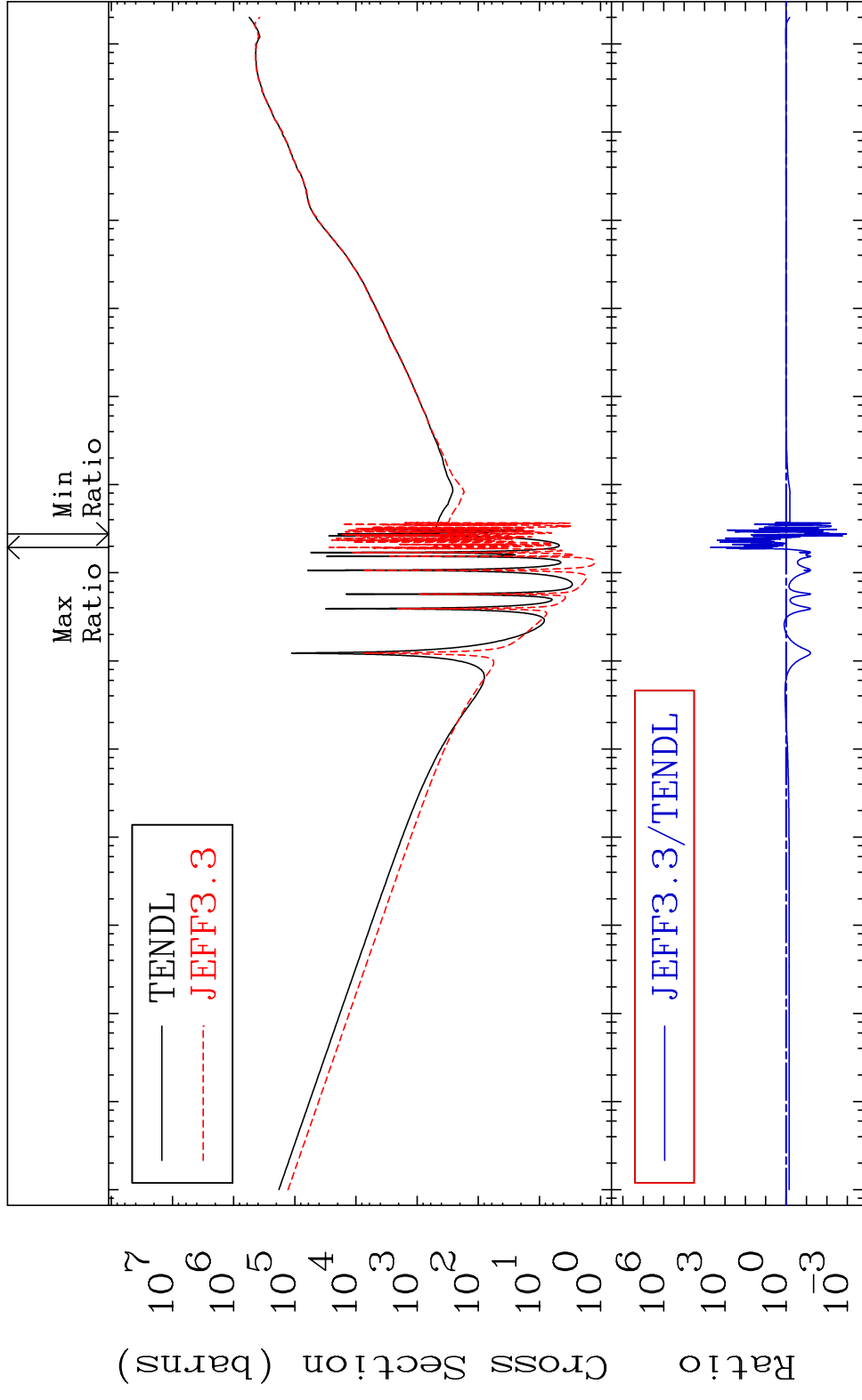


73 Incident Energy (eV) 55-Cs-134

MAT 5528 Total kinematic kerma (high limit) 55-Cs-134
 Cross Section -99.81 To 9999. %



MAT 5528 Dpa total (eV-barns) 55-Cs-134
 Cross Section -99.89 To 9999. %



75 Incident Energy (eV) 55-Cs-134

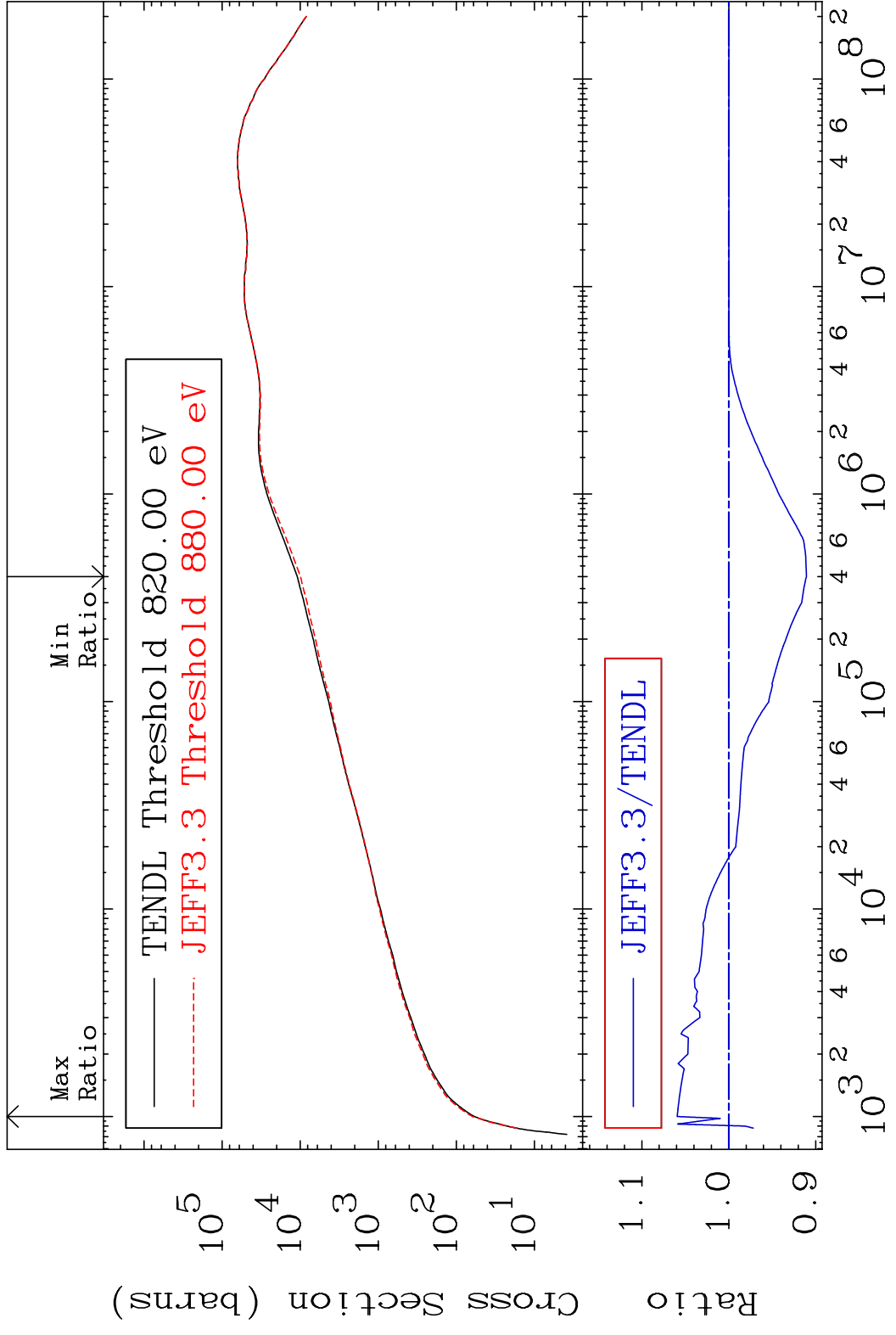
MAT 5528

Dpa elastic (mt2)

55-Cs-134

Cross Section

-8.932 To 5.932 %

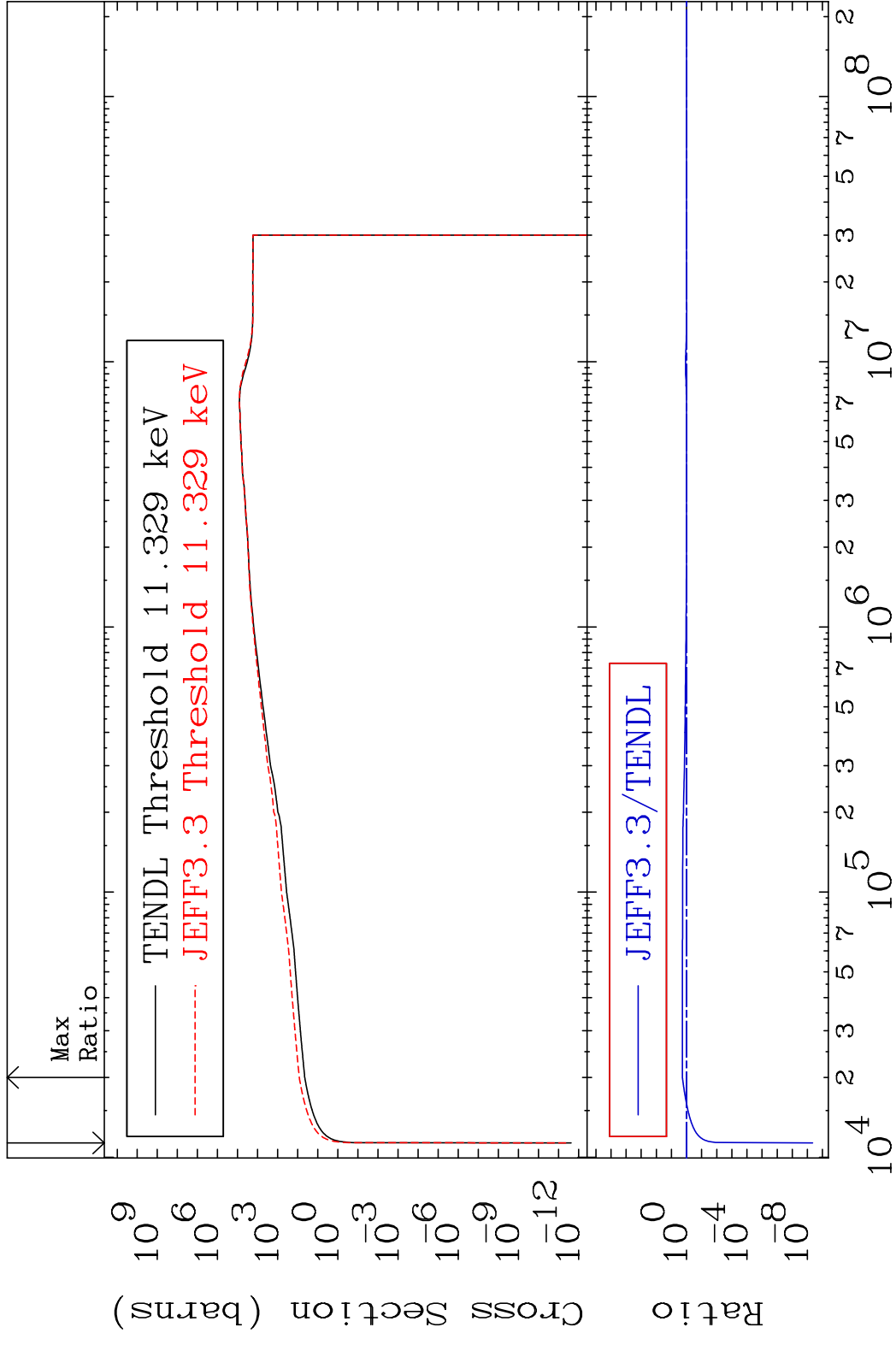


76

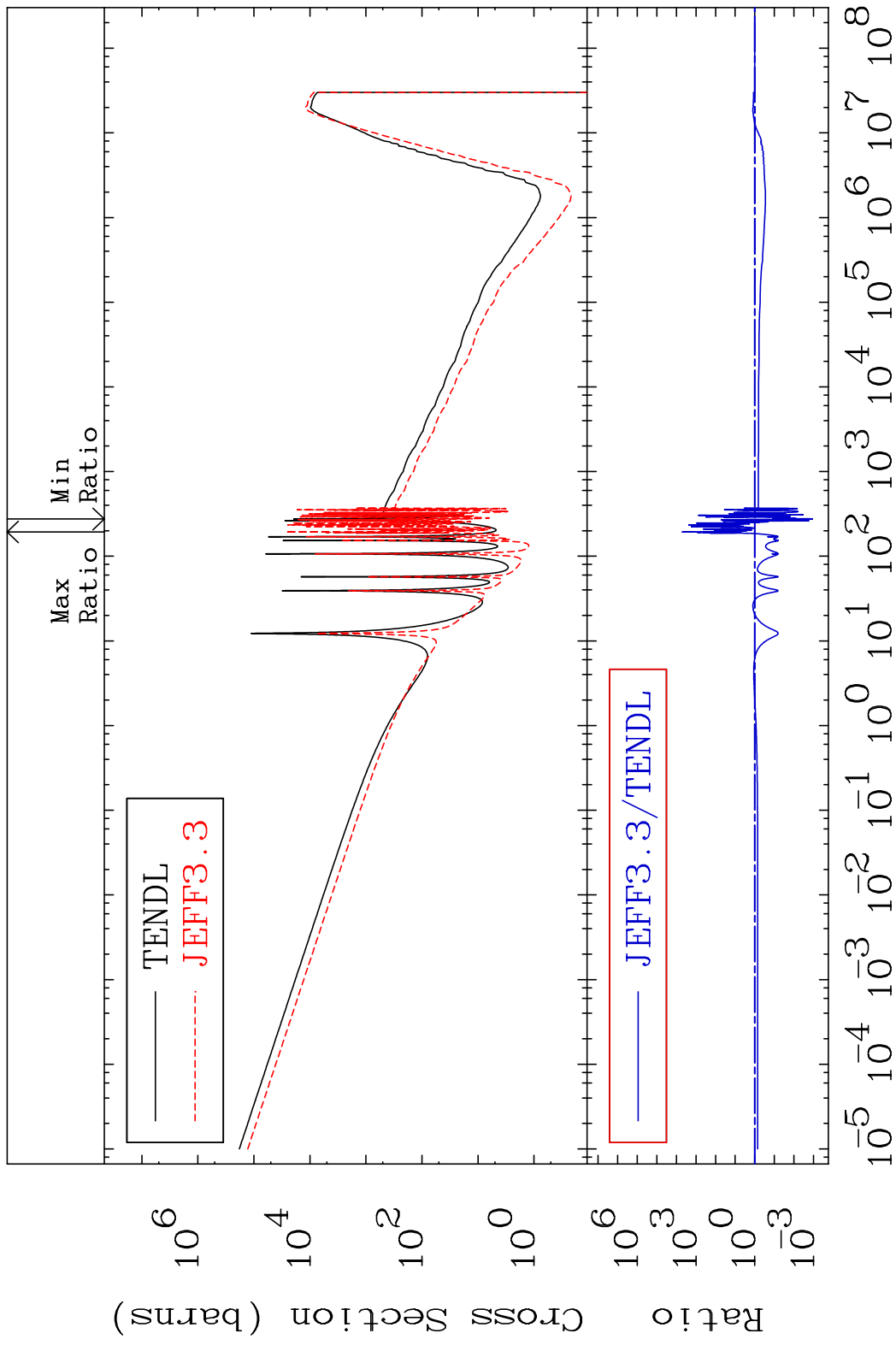
Incident Energy (eV)

55-Cs-134

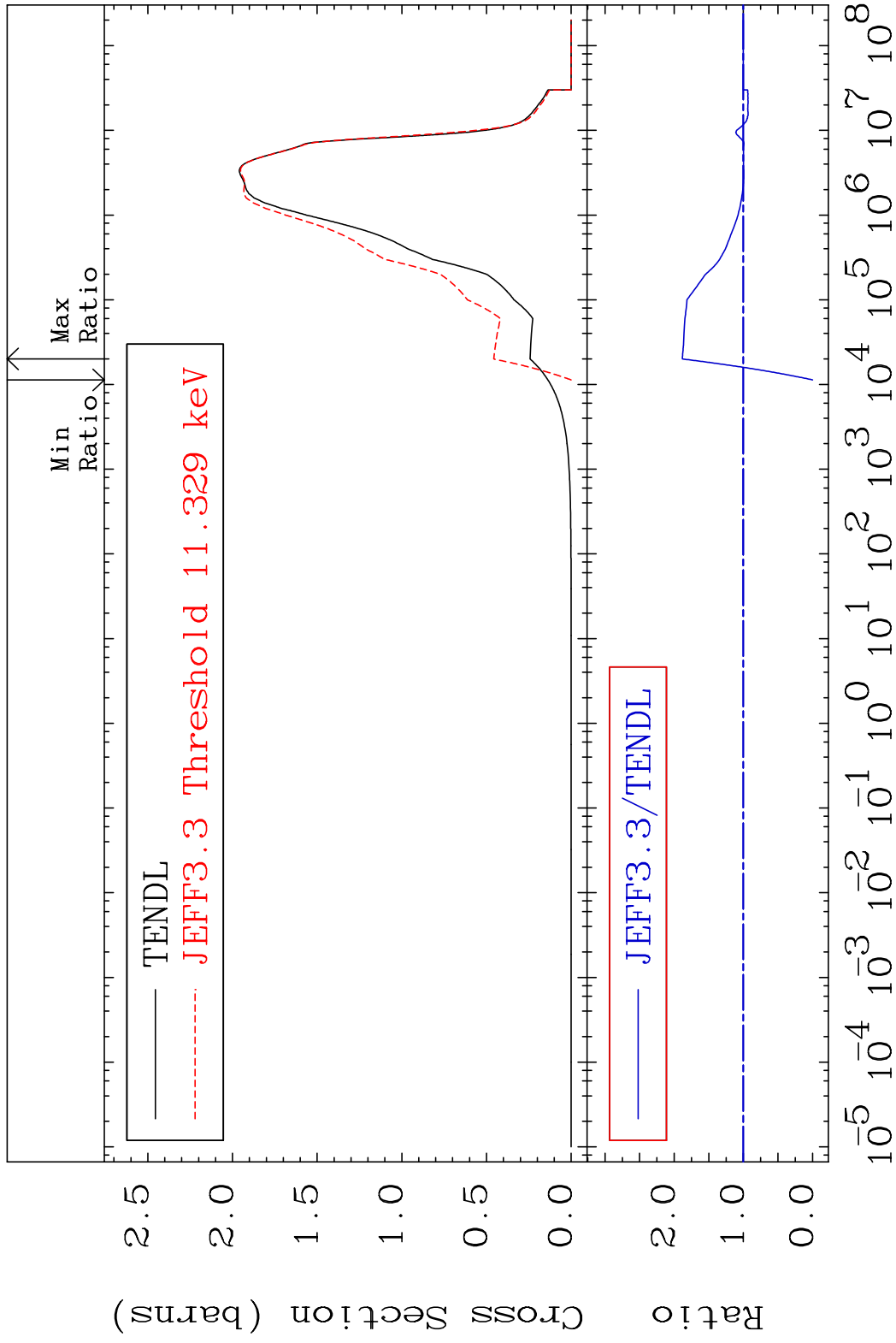
MAT 5528 Dpa inelastic (mt51-91) 55-Cs-134
 Cross Section -100.0 To 88.22 %



MAT 5528 Dpa disappearance (mt102 -120) 55-Cs-134
 Cross Section -99.89 To 9999. %

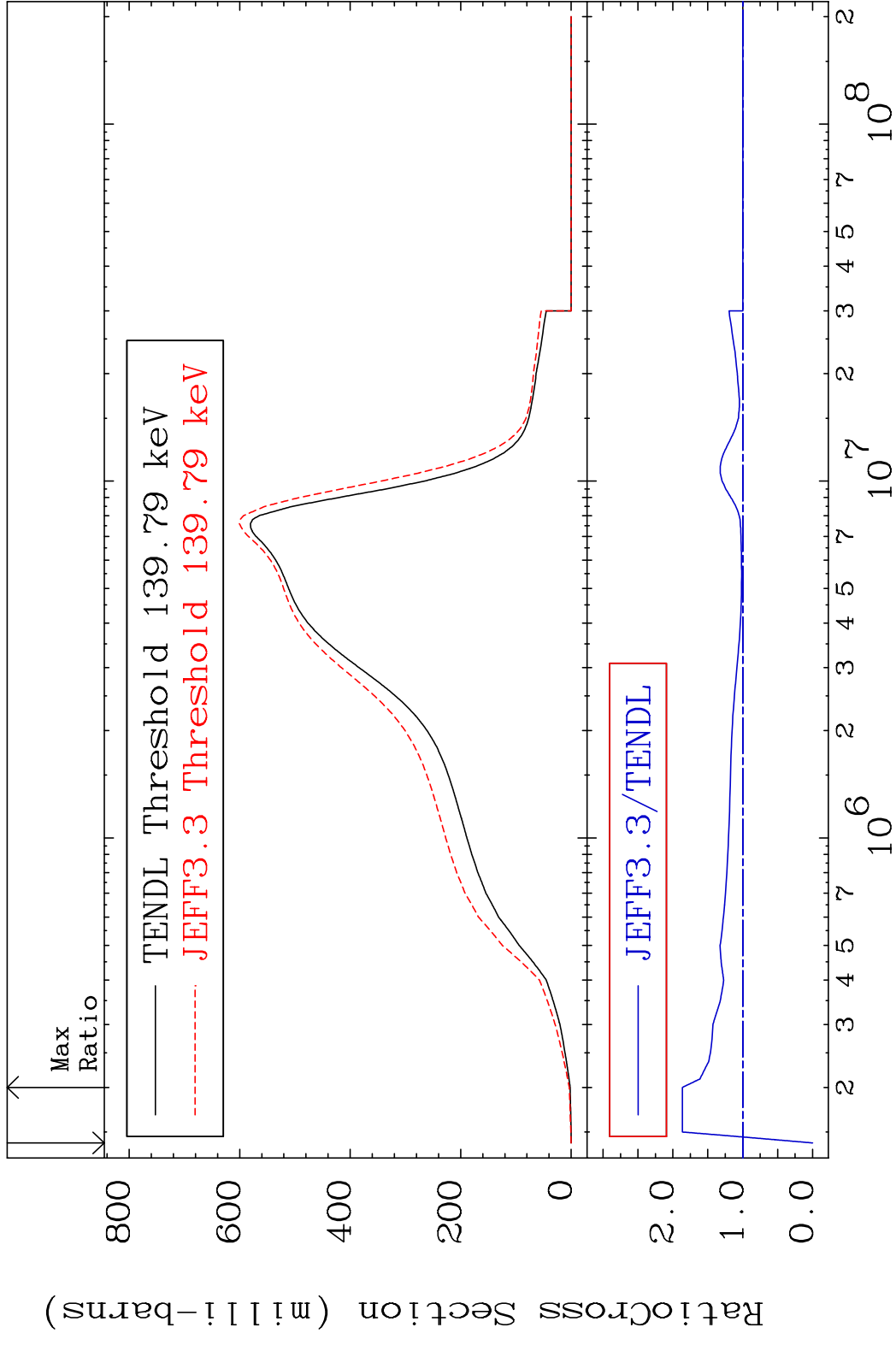


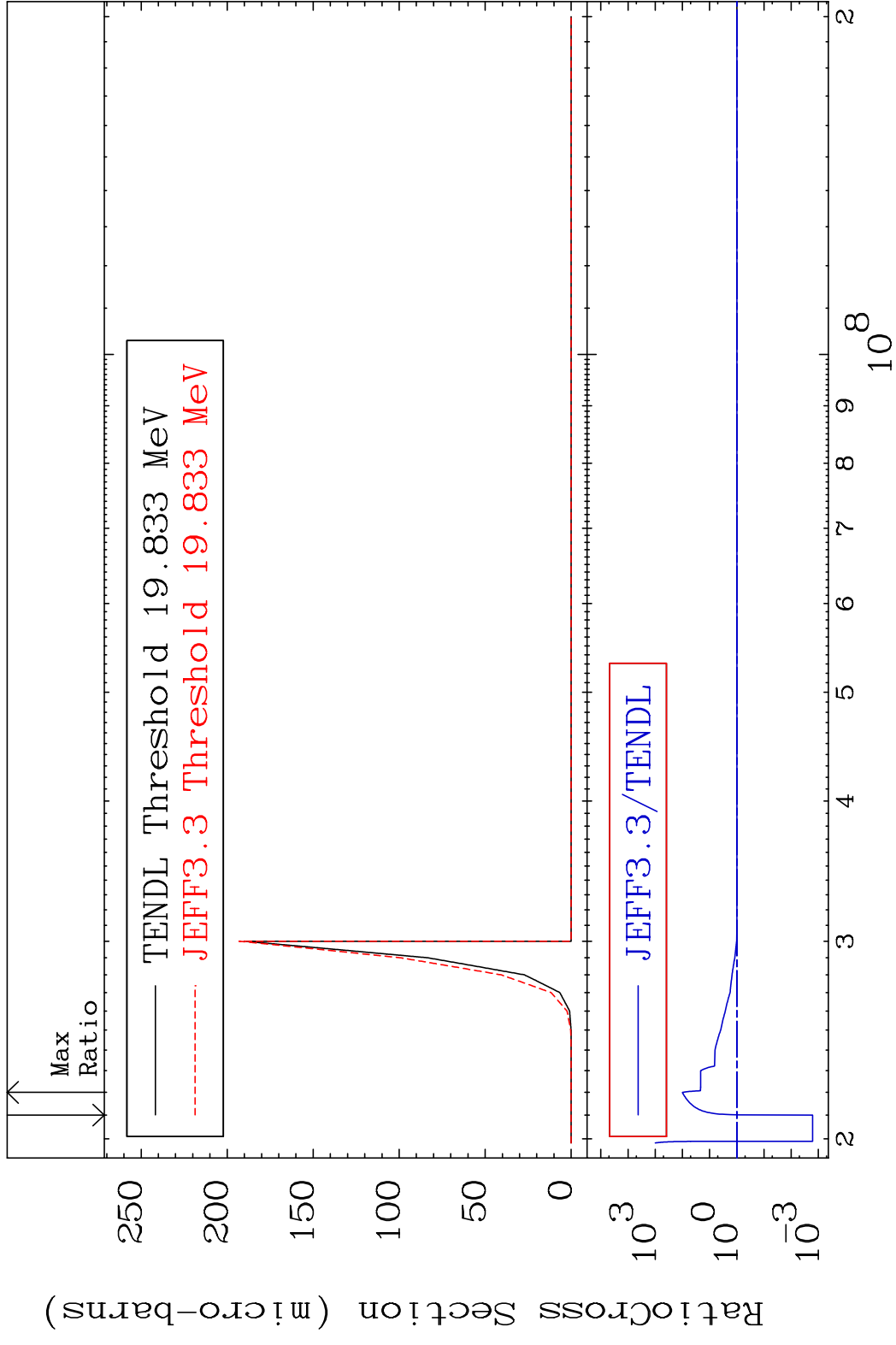
MAT 5528 Inelastic:55-Cs-134g 55-Cs-134
 Radionuclide Production Cross Section Ratio 88.23 %

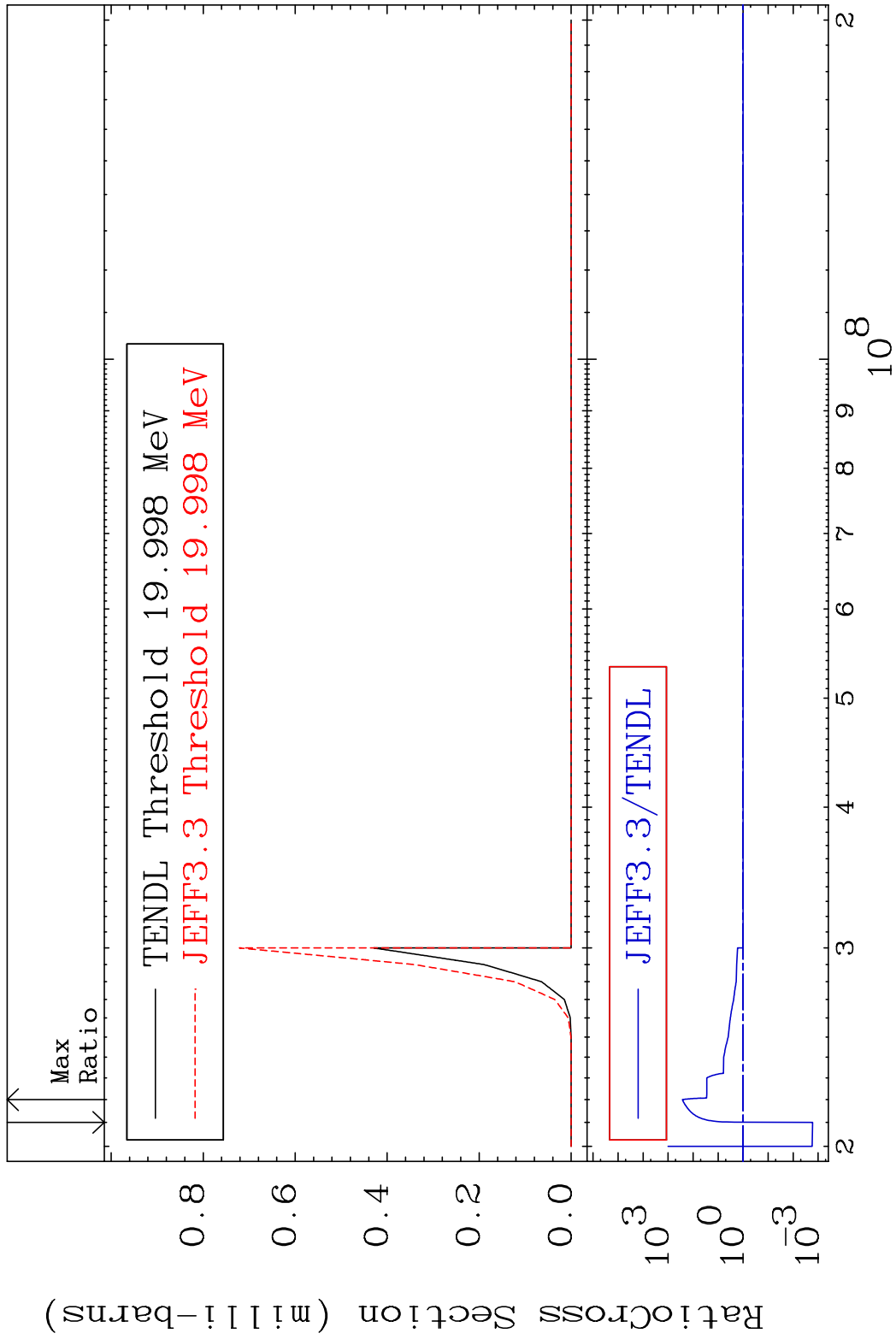


79 Incident Energy (eV) 55-Cs-134

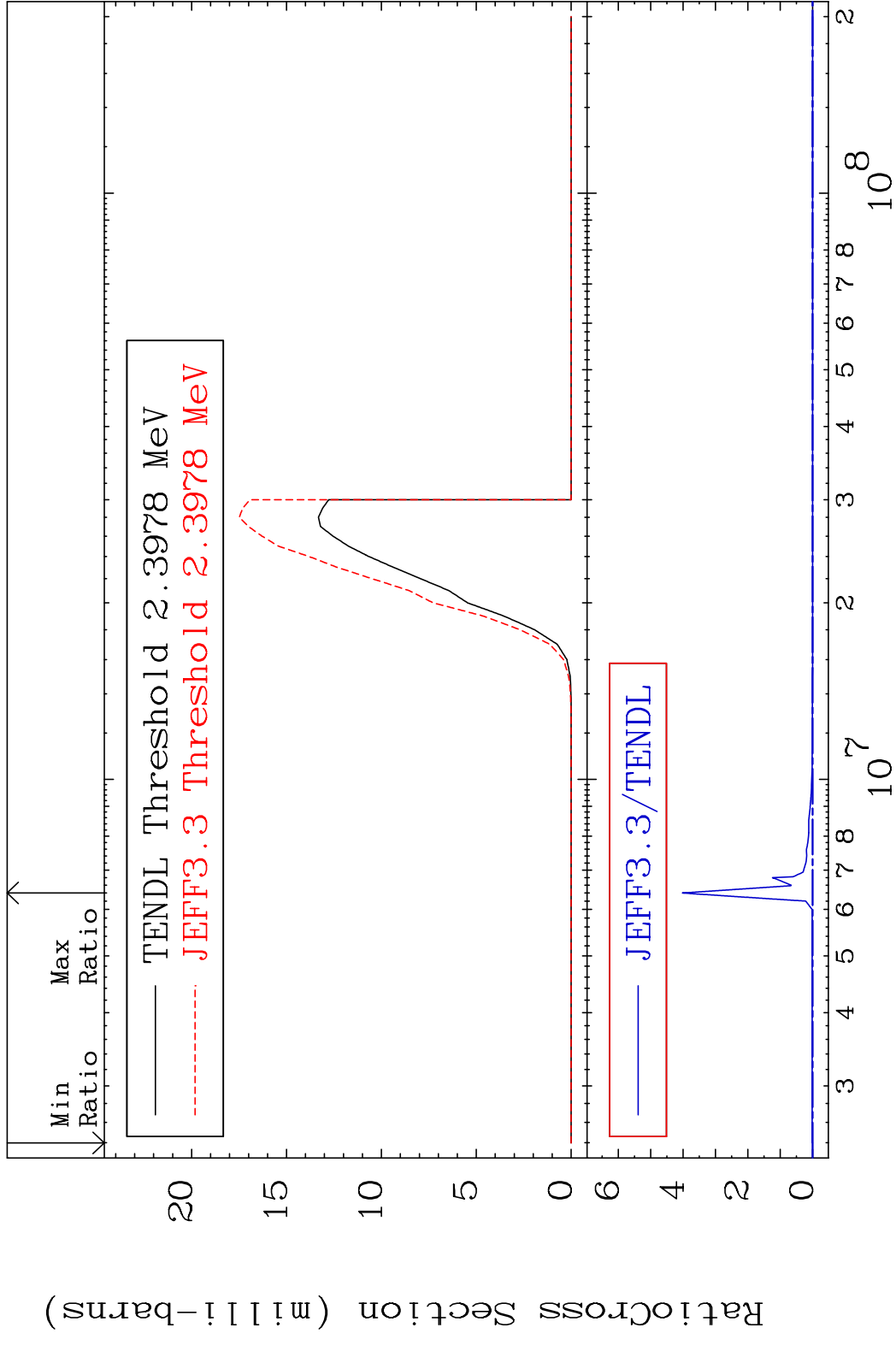
MAT 5528 Inelastic:55-Cs-134m3 55-Cs-134
 Radionuclide Production Cross Section Ratio 86.46 %



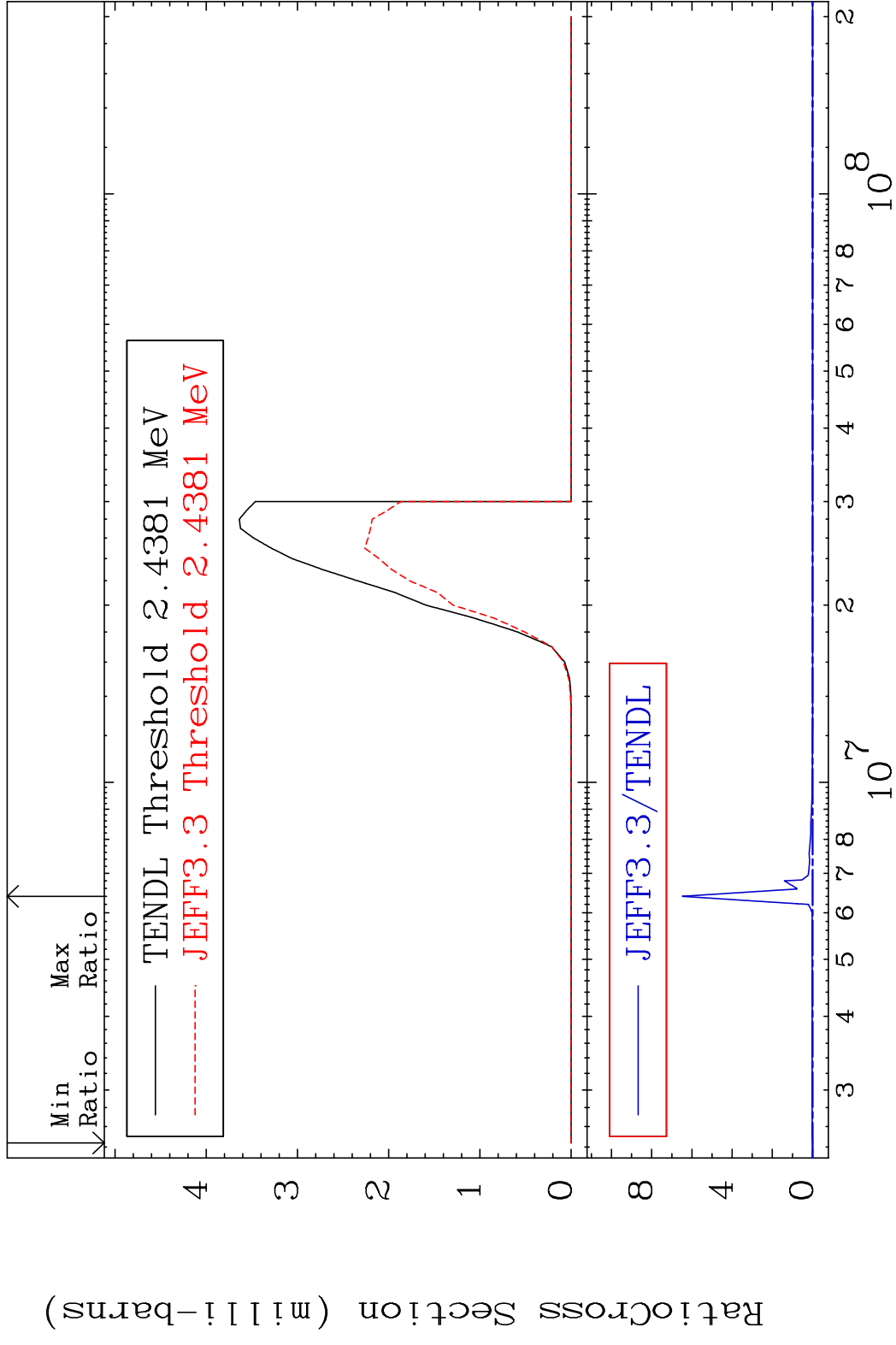




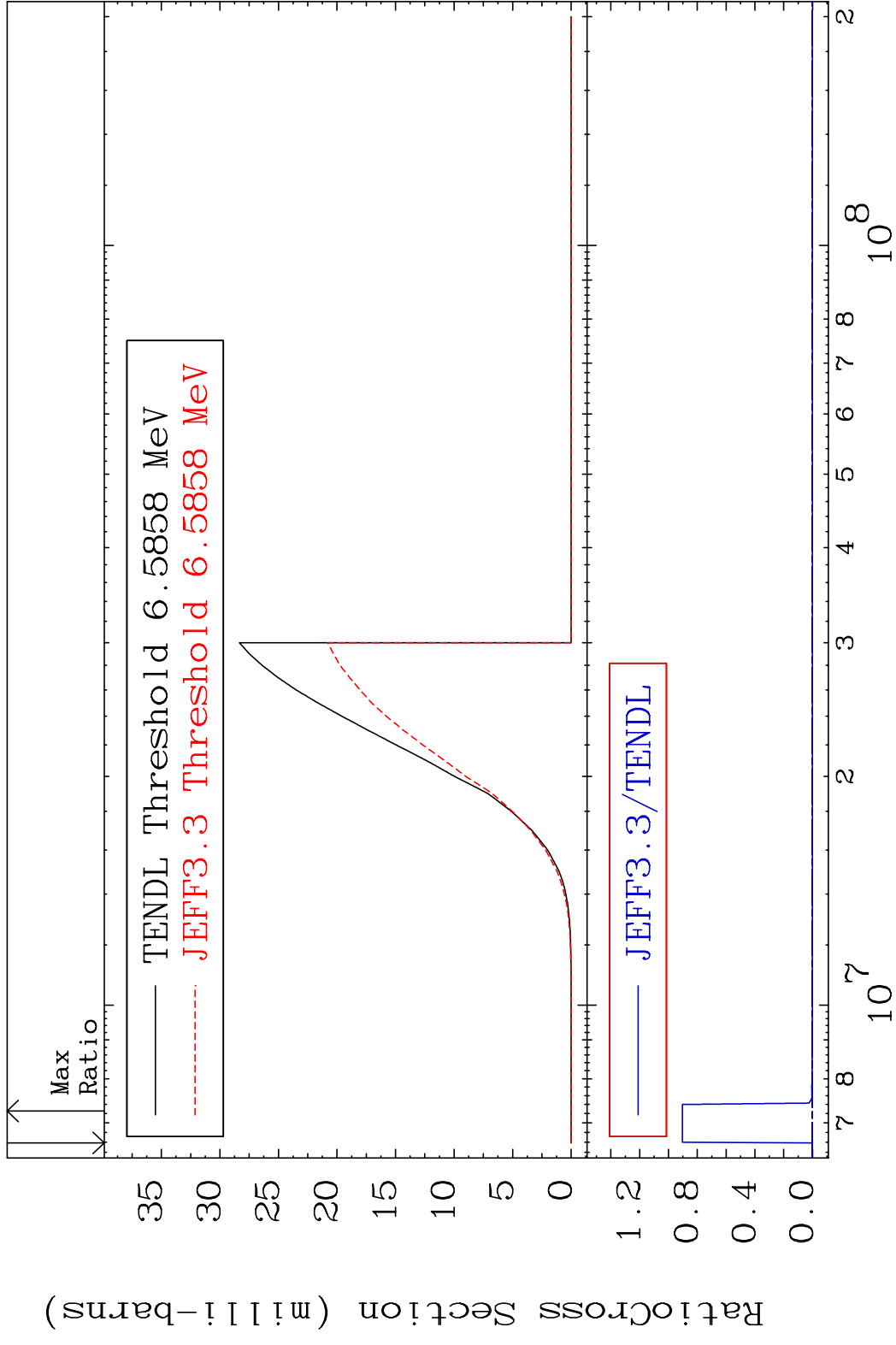
MAT 5528 (n, n') α :53-I -130g 55-Cs-134
 Radionuclide Production Cross Section to 9999. %

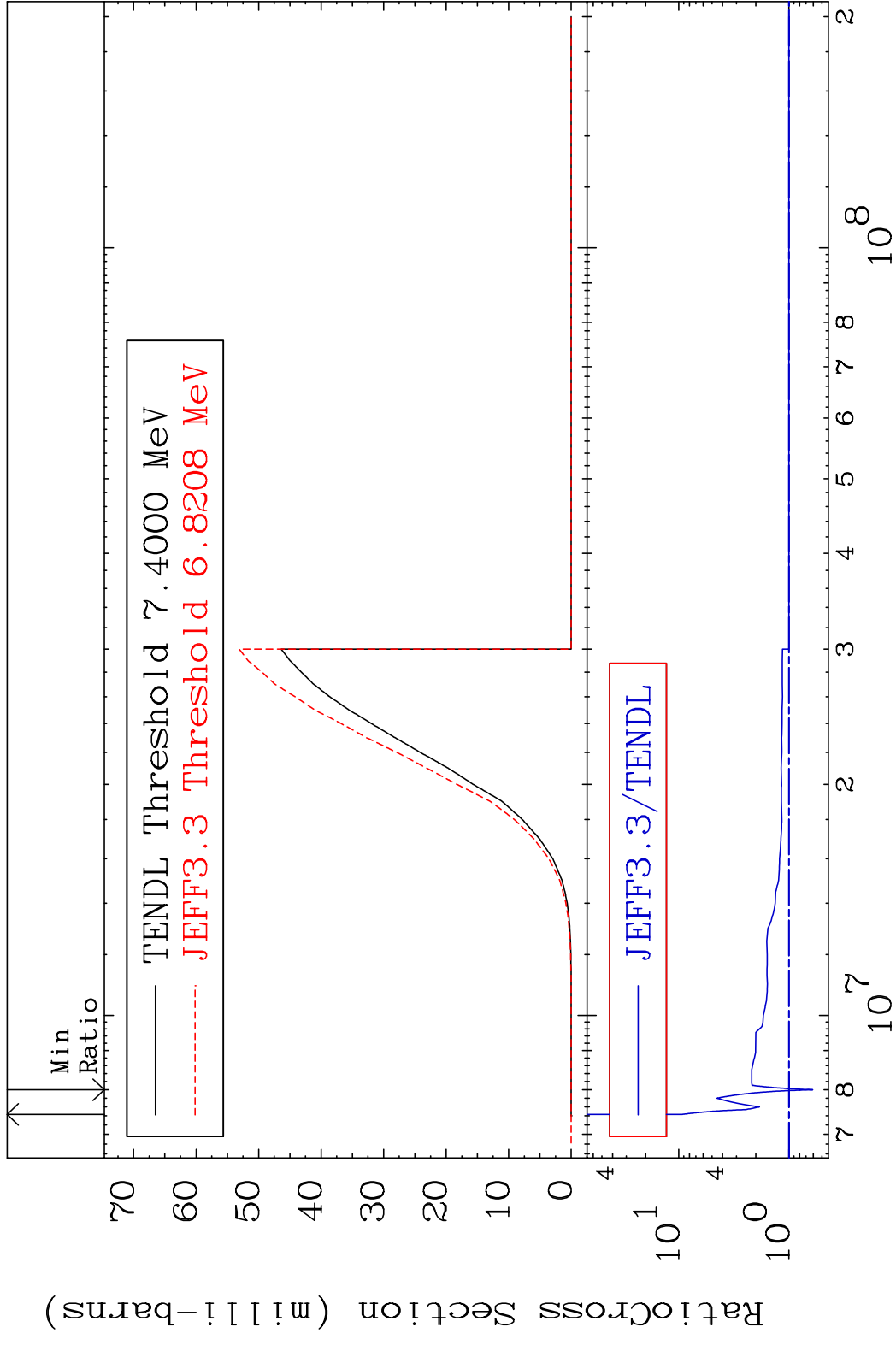


MAT 5528 (n, n') α :53-I -130m1 55-Cs-134
 Radionuclide Production Cross Section to 9999. %

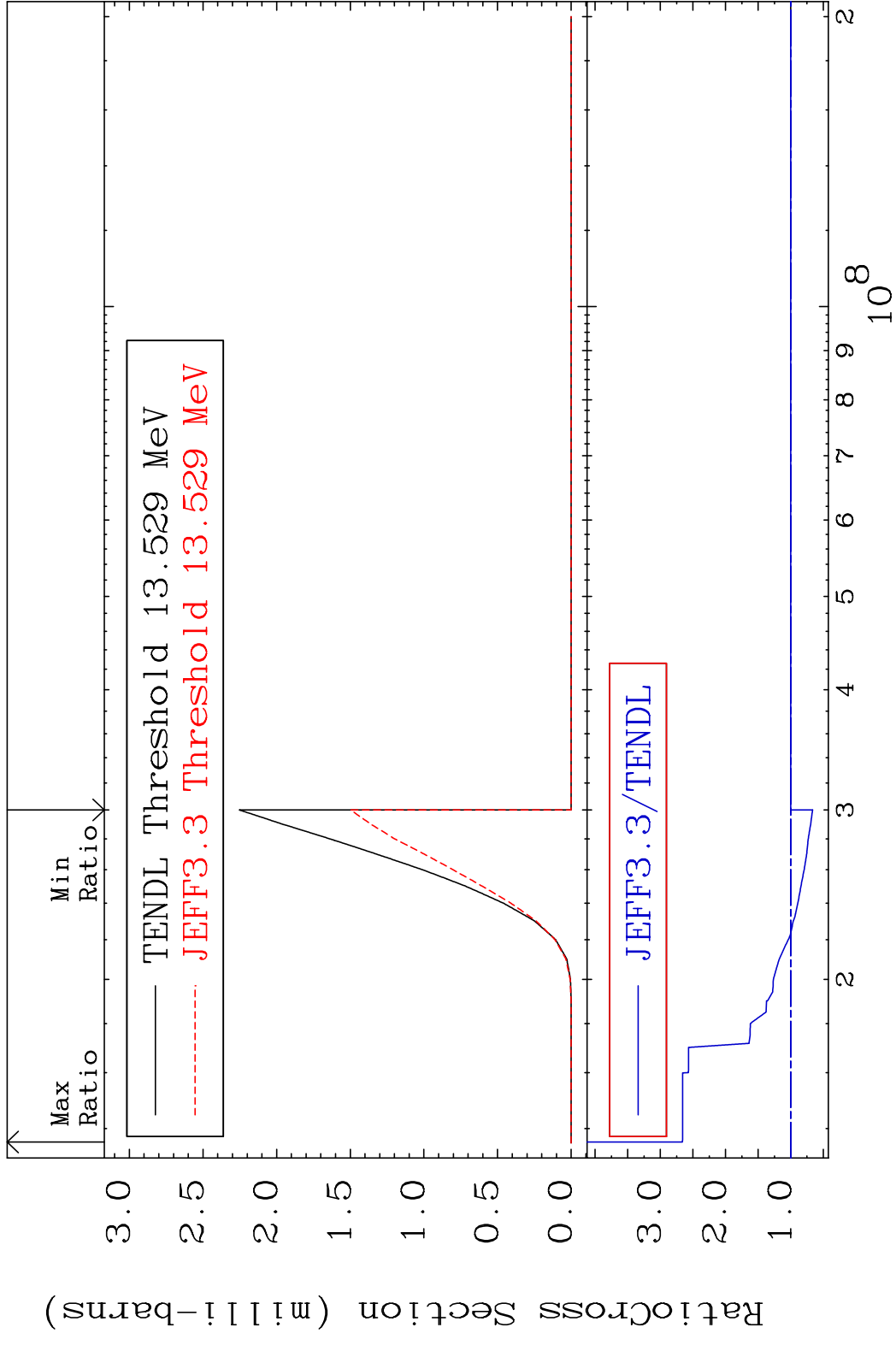


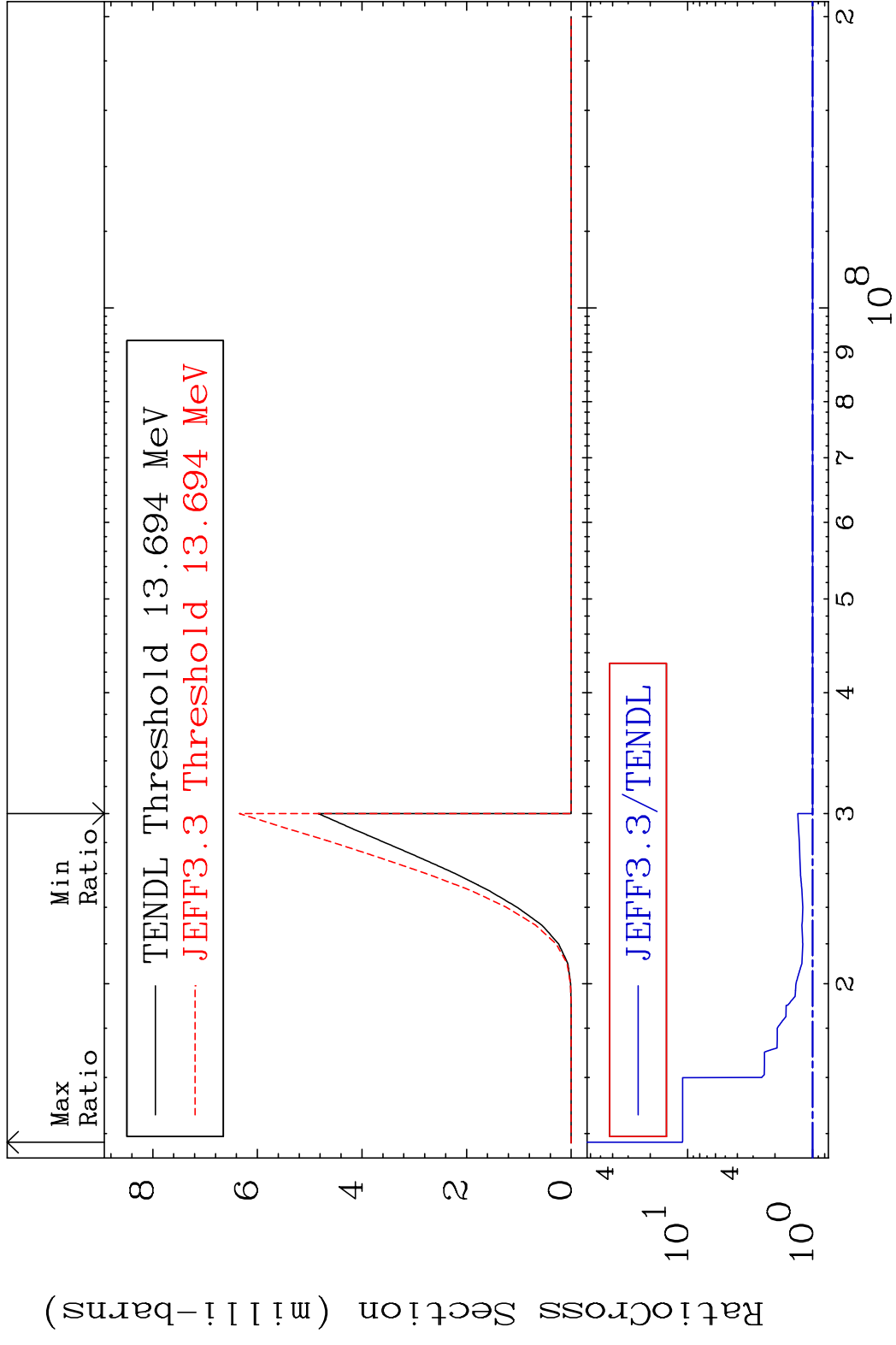
MAT 5528 (n, n') p:54-Xe-133g 55-Cs-134
 Radionuclide Production Cross Section Ratio 9999. %

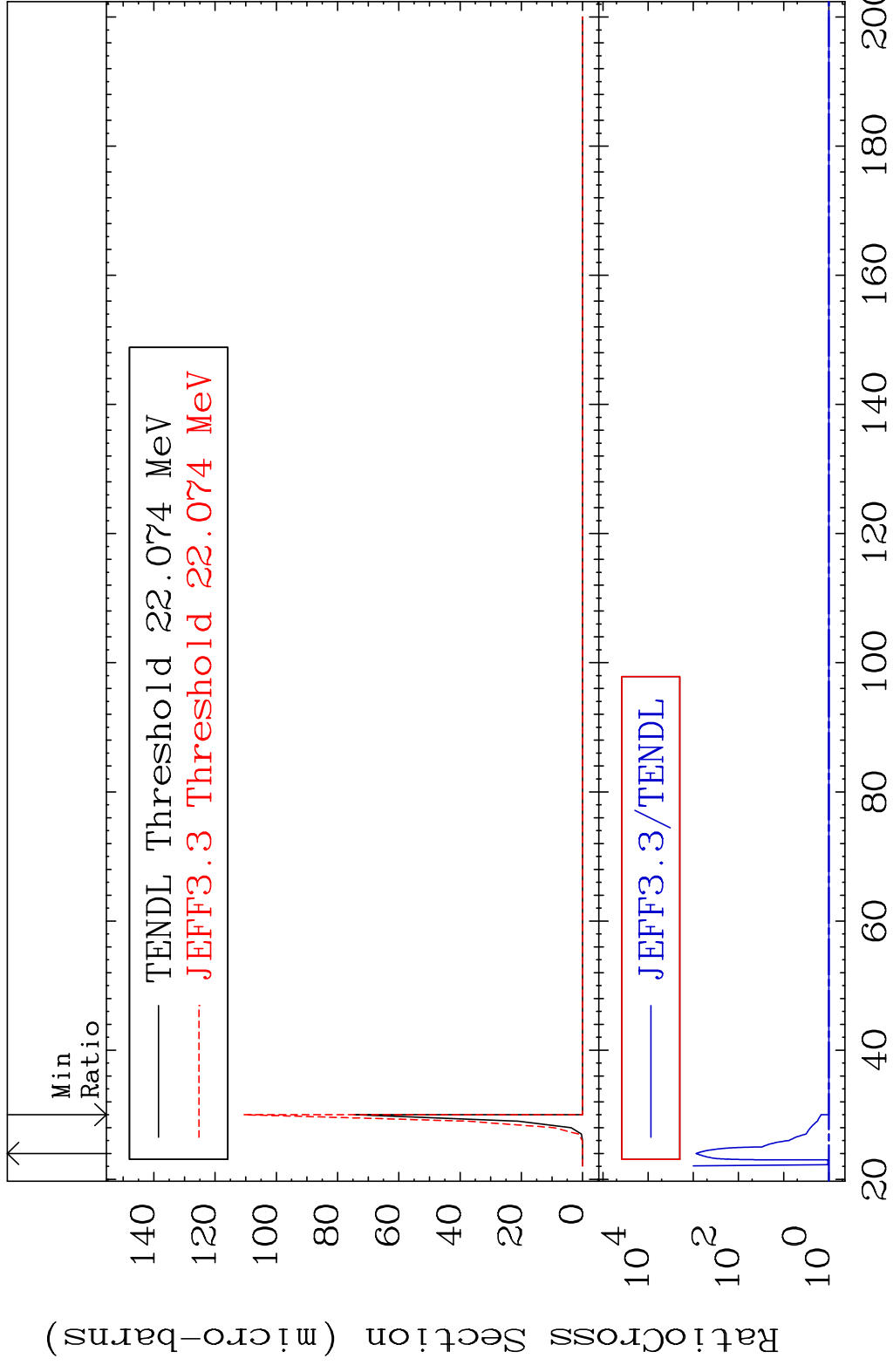


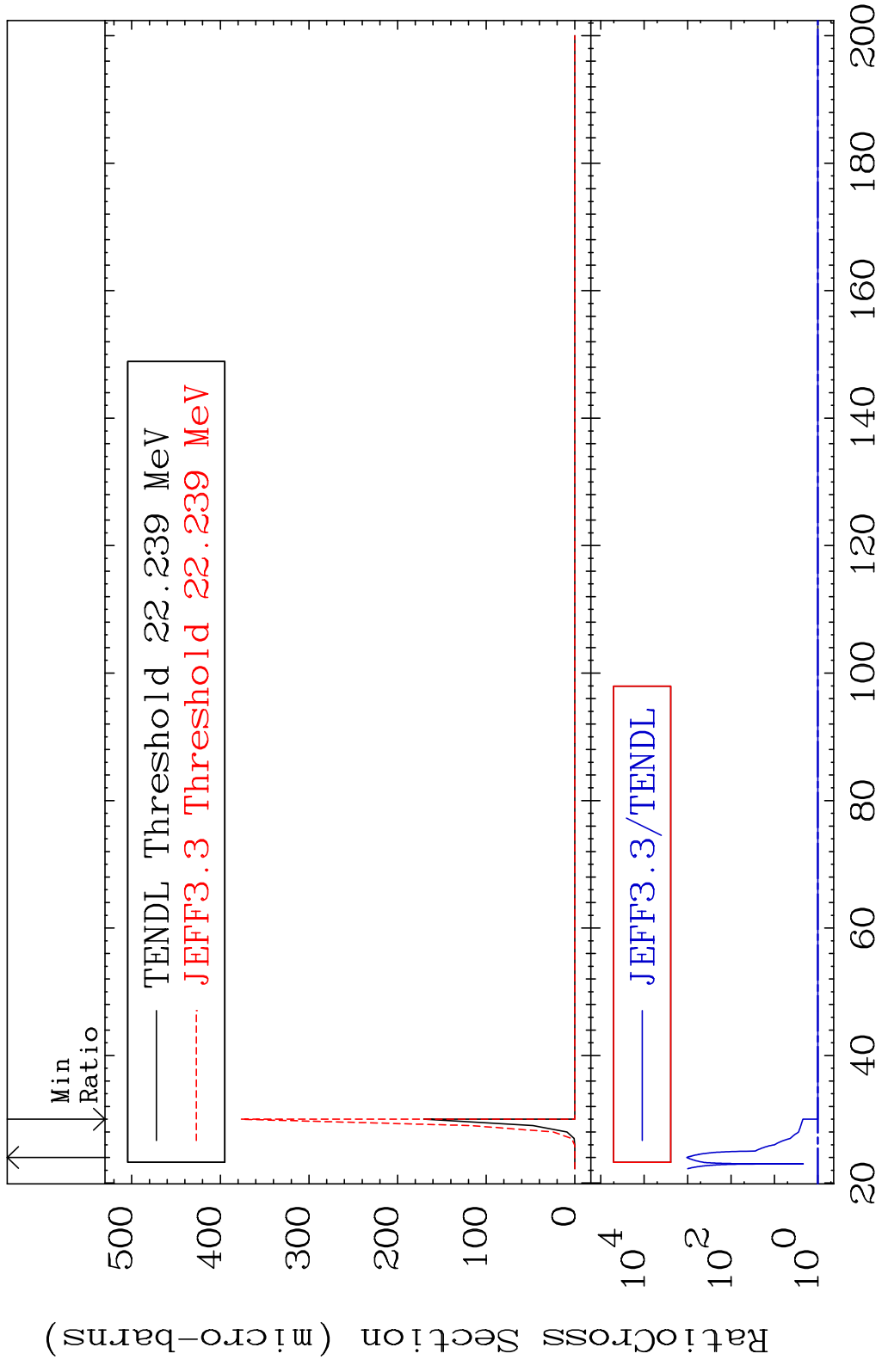


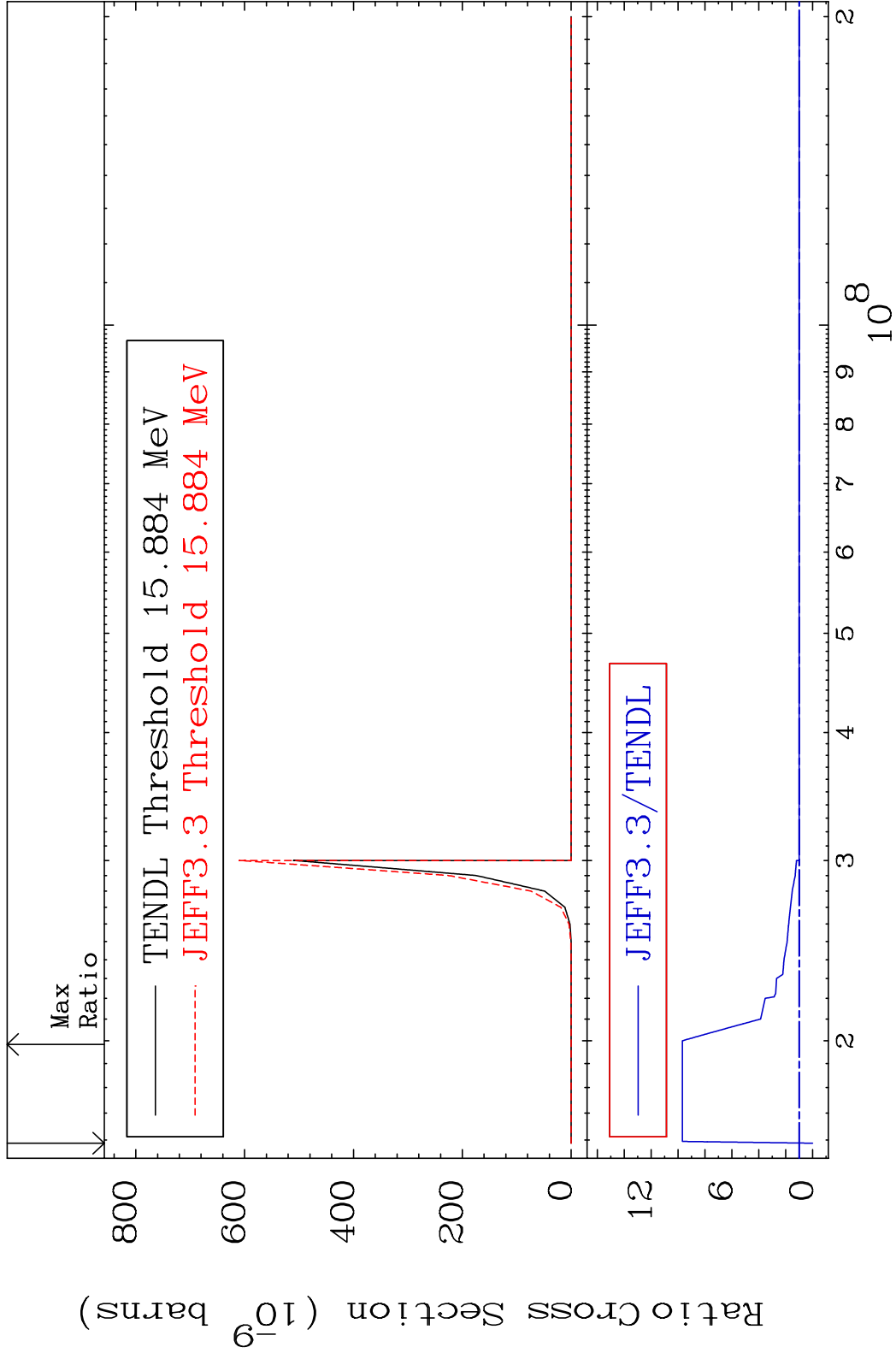
MAT 5528 (n, n') t:54-Xe-131g 55-Cs-134
 Radionuclide Production Cross Section 166.2 %

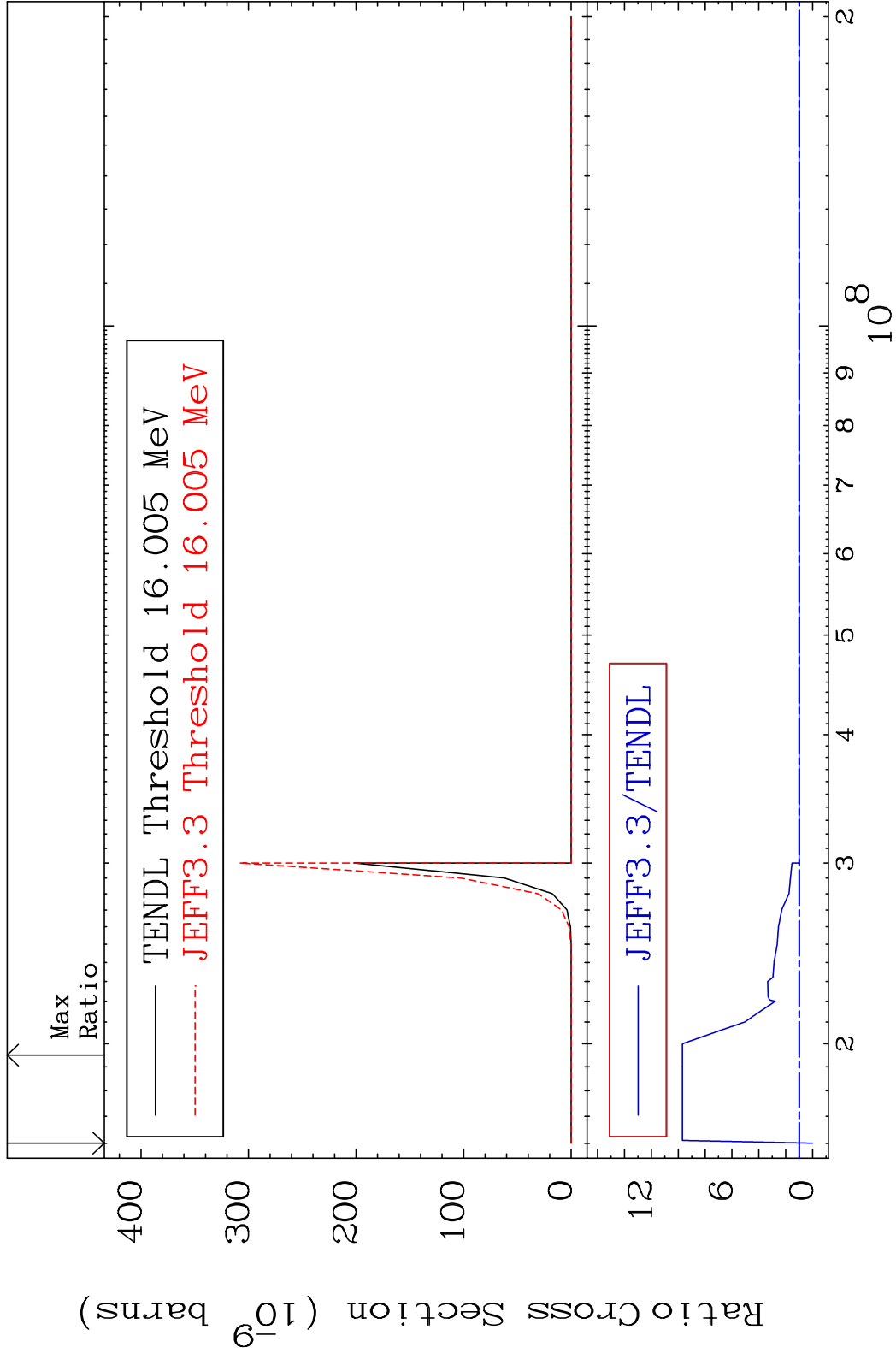




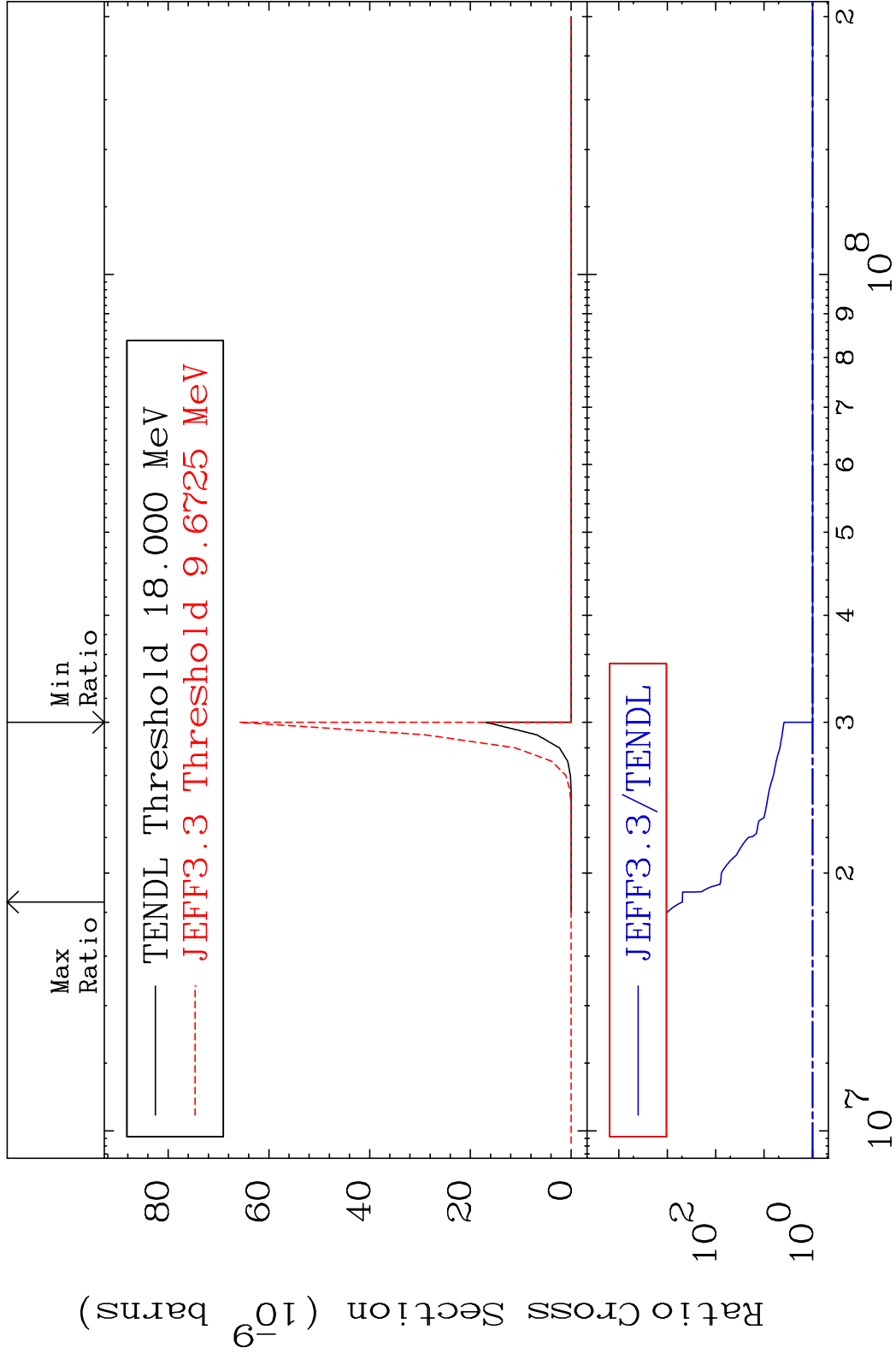






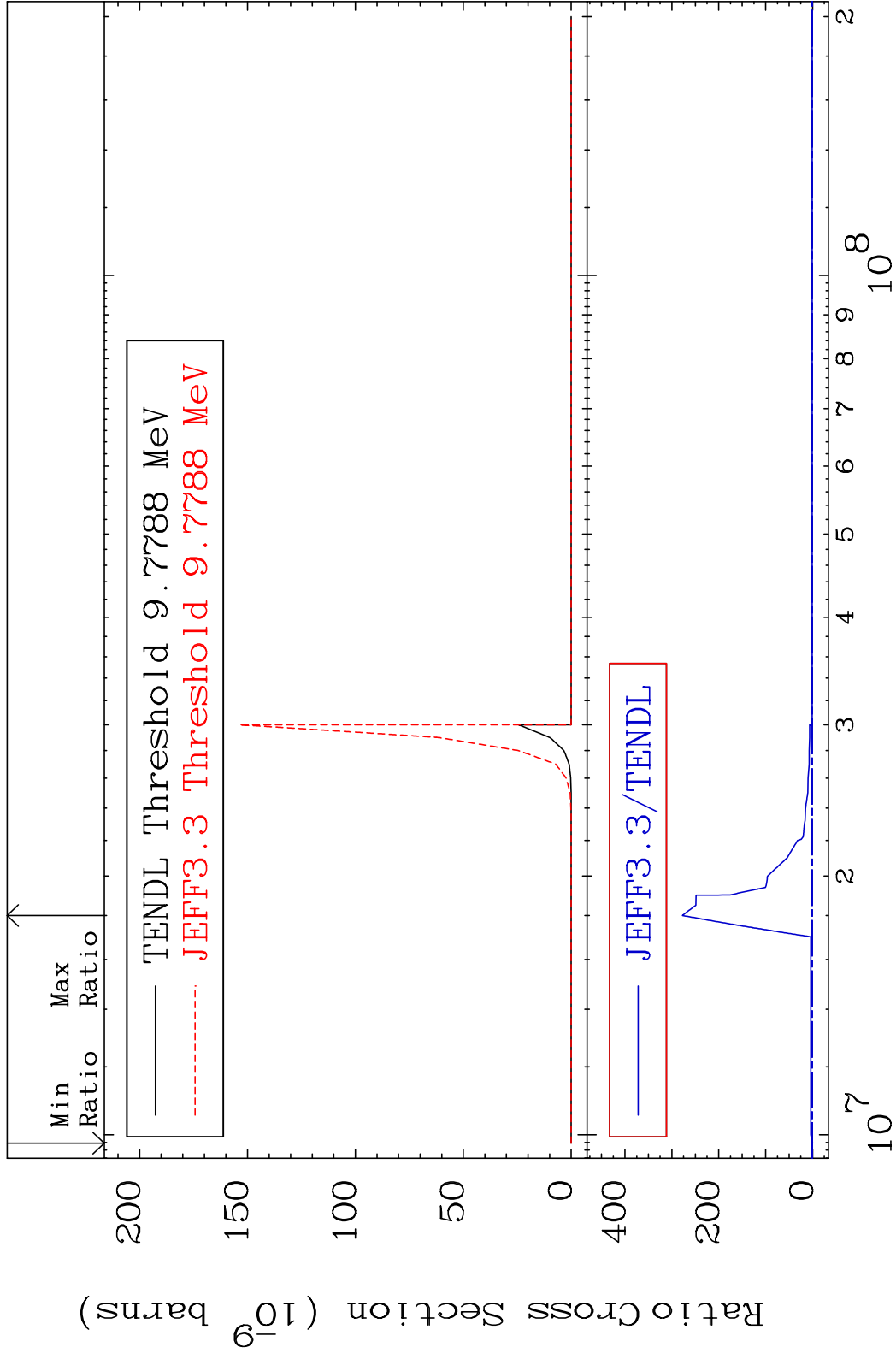


MAT 5528 (n,n') p α:52-Te-129g 55-Cs-134
 Radionuclide Production Cross Section 9999. %



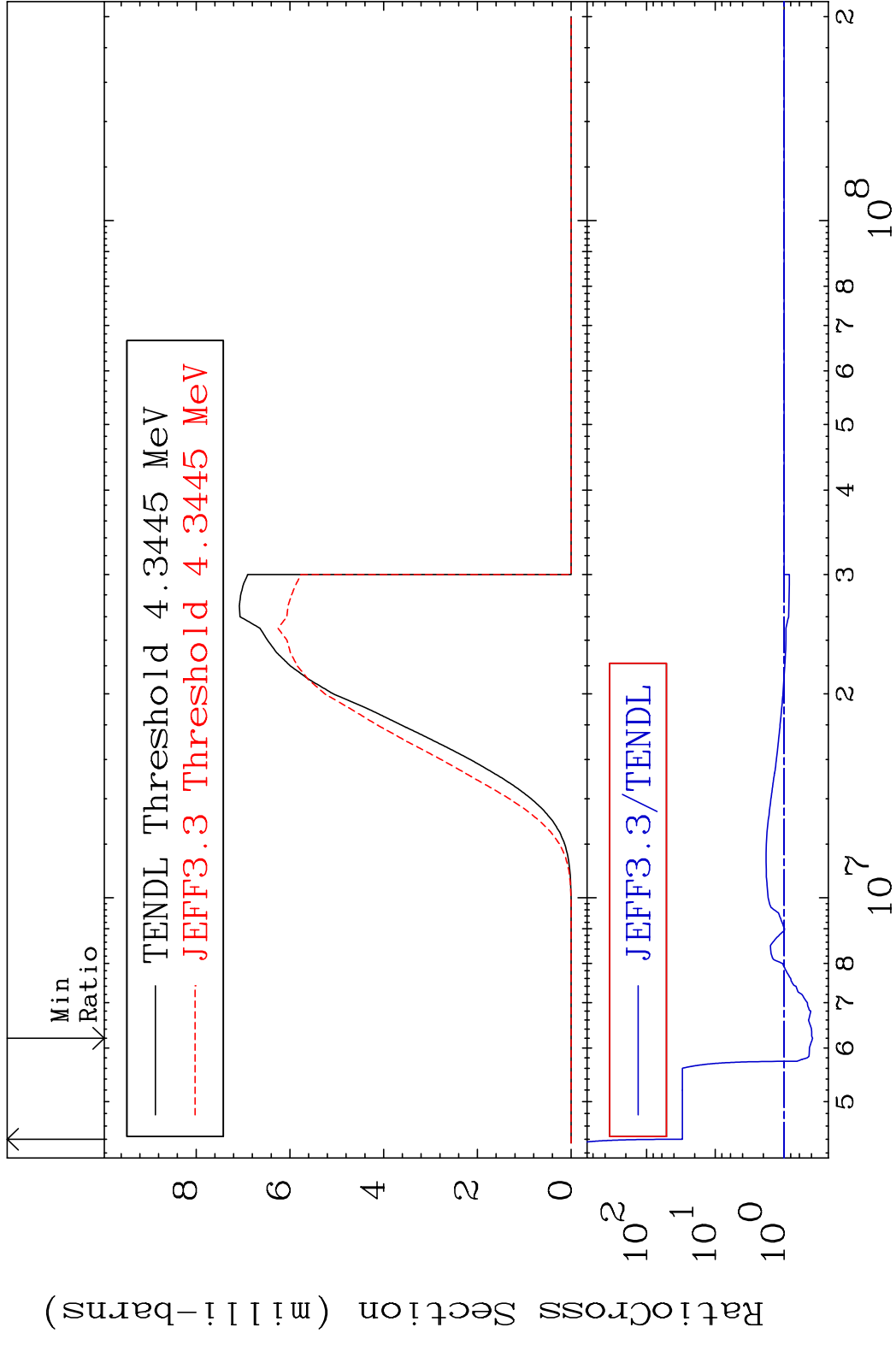
93 Incident Energy (eV) 55-Cs-134

MAT 5528 (n, n') p α:52-Te-129m1 55-Cs-134
 Radionuclide Production Cross Section Ratio 9999. %

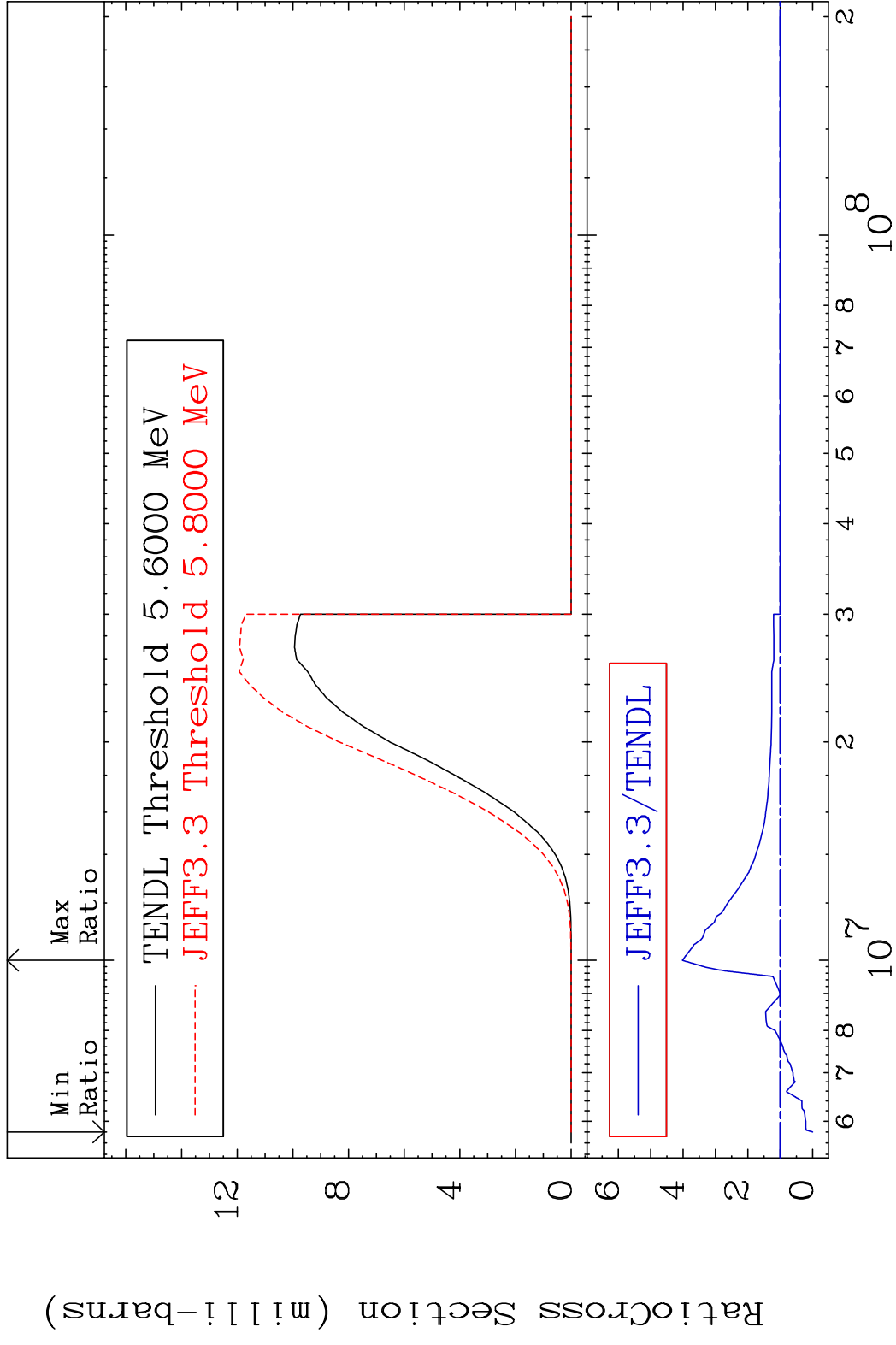


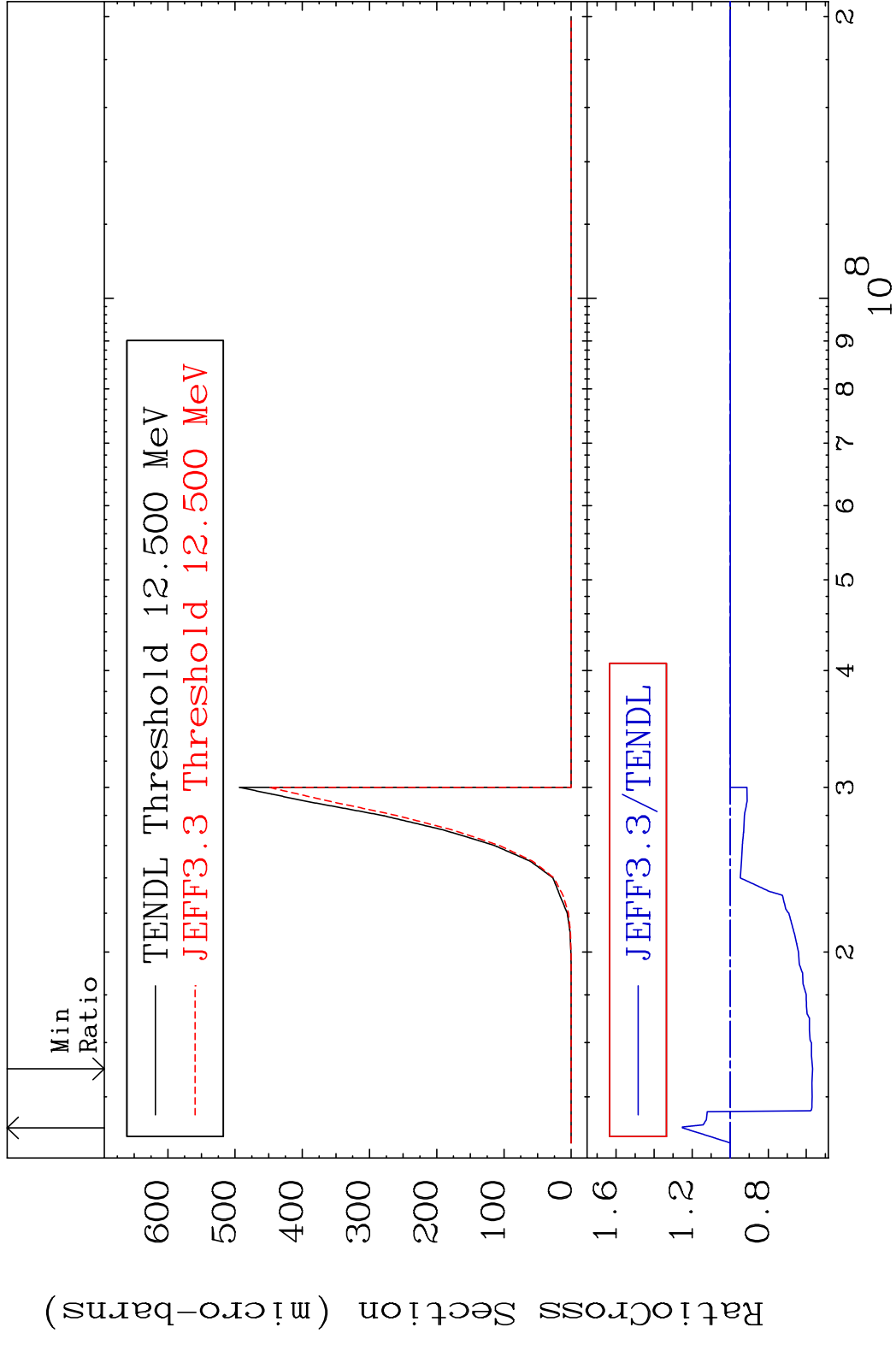
94 Incident Energy (eV) 55-Cs-134

MAT 5528 (n,d):54-Xe-133g 55-Cs-134
 Radionuclide Production Cross Section 2914. %

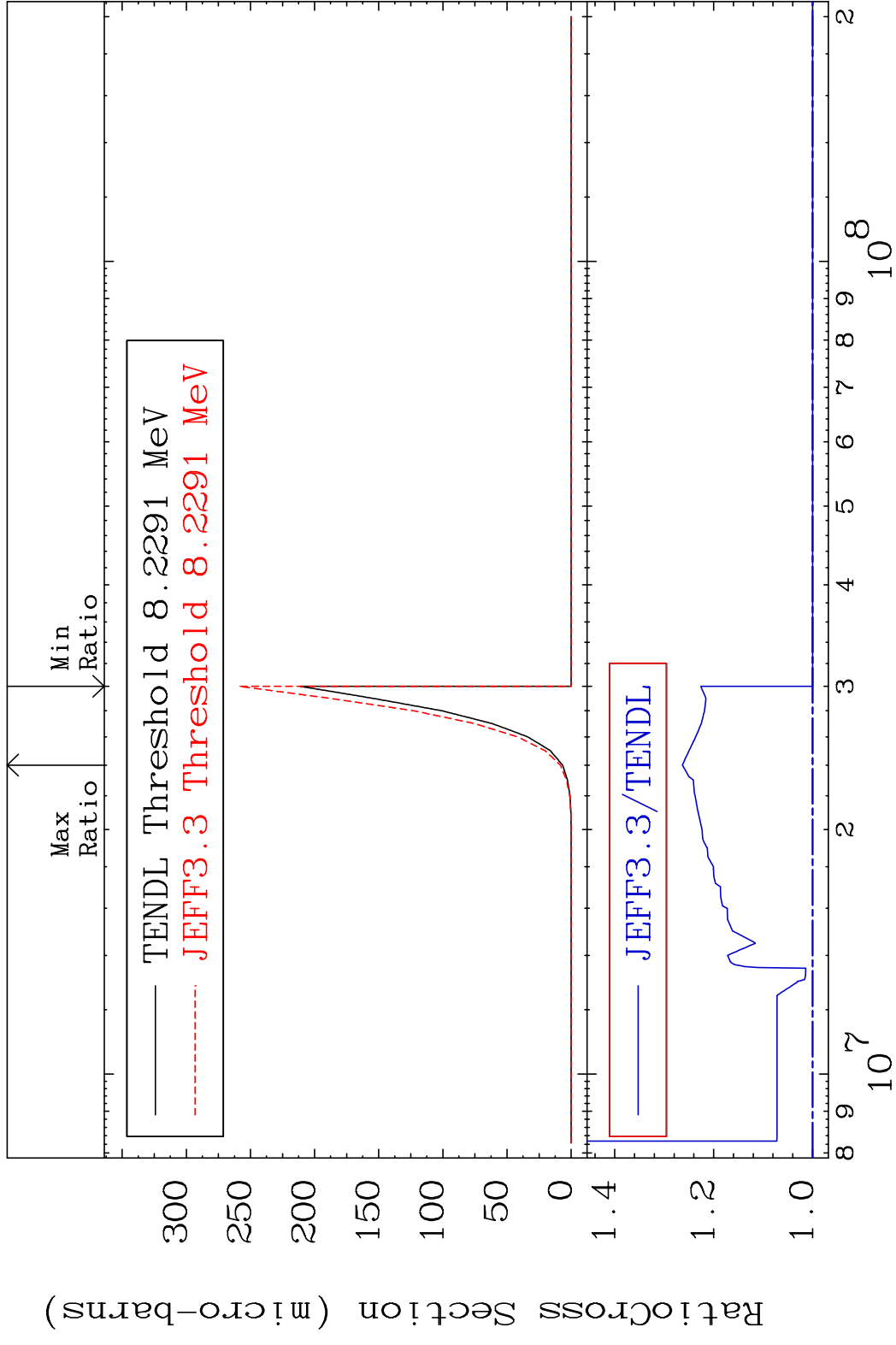


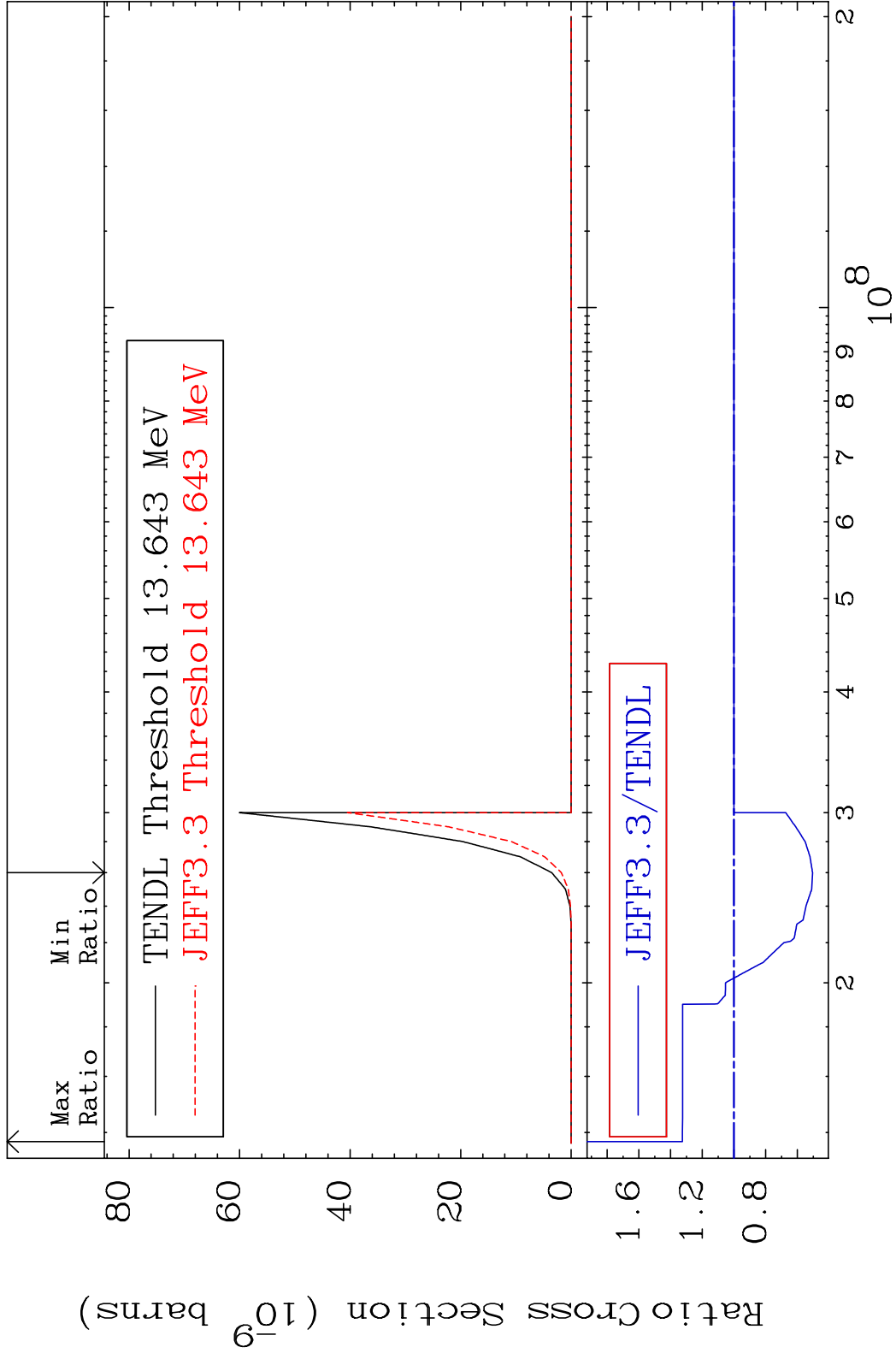
MAT 5528 (n, d):54-Xe-133m1 55-Cs-134
 Radionuclide Production Cross Section 100% to 302.3 %



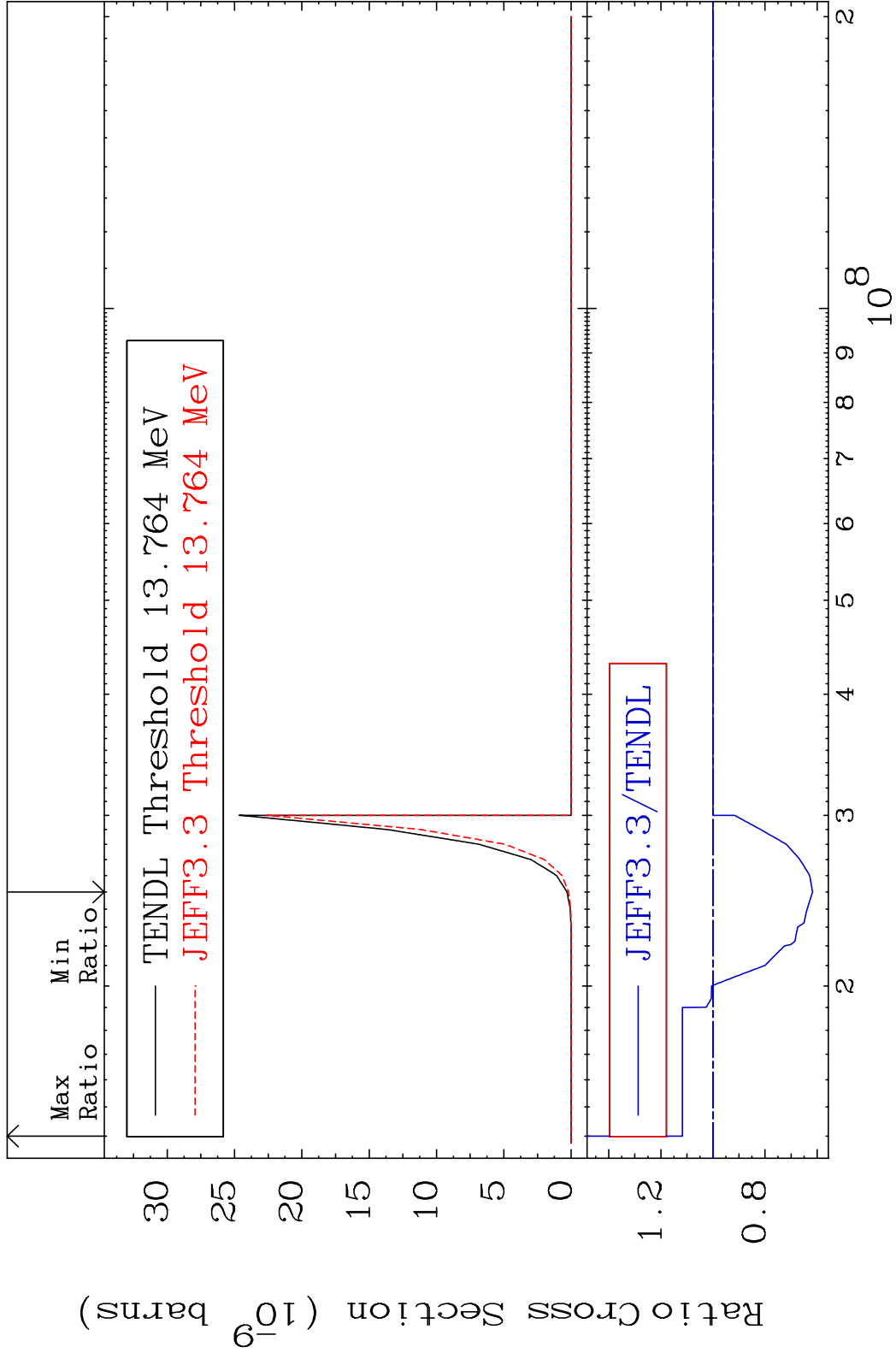


MAT 5528 (n, He-3):53-I -132m3 55-Cs-134
 Radionuclide Production Cross Section 26.33 %



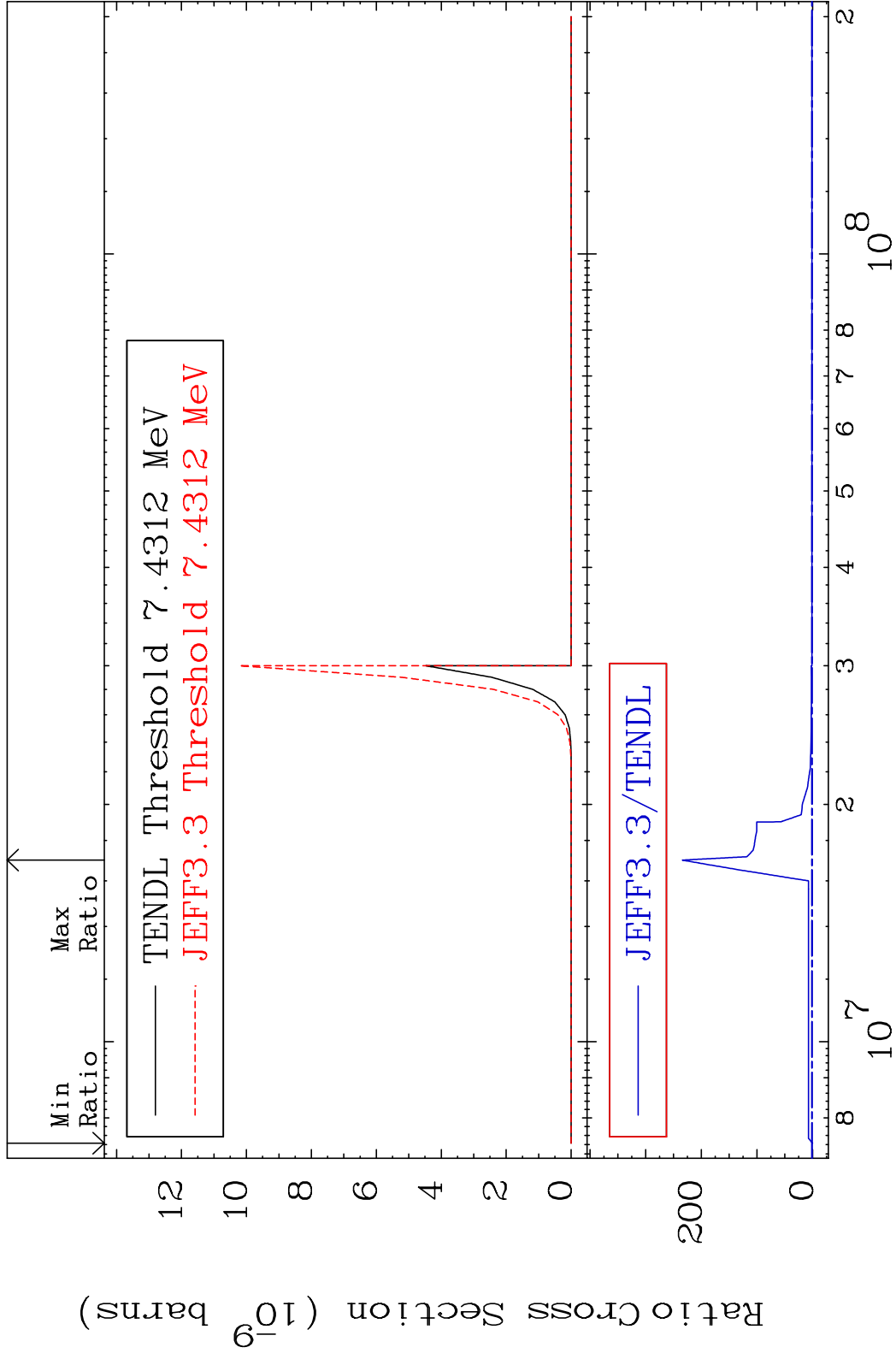


MAT 5528 (n,p) d:53-I -132m3 55-Cs-134
 Radionuclide Production Cross Section 38e26id10 11.75 %



100 Incident Energy (eV) 55-Cs-134

MAT 5528 (n, d) α :52-Te-129g 55-Cs-134
 Radionuclide Production Cross Section Ratio 9999. %



MAT 5528 (n,d) α :52-Te-129m1 55-Cs-134
 Radionuclide Production Cross Section Ratio 9999. %

