

Program Complot  
(Version 2018-1)

by

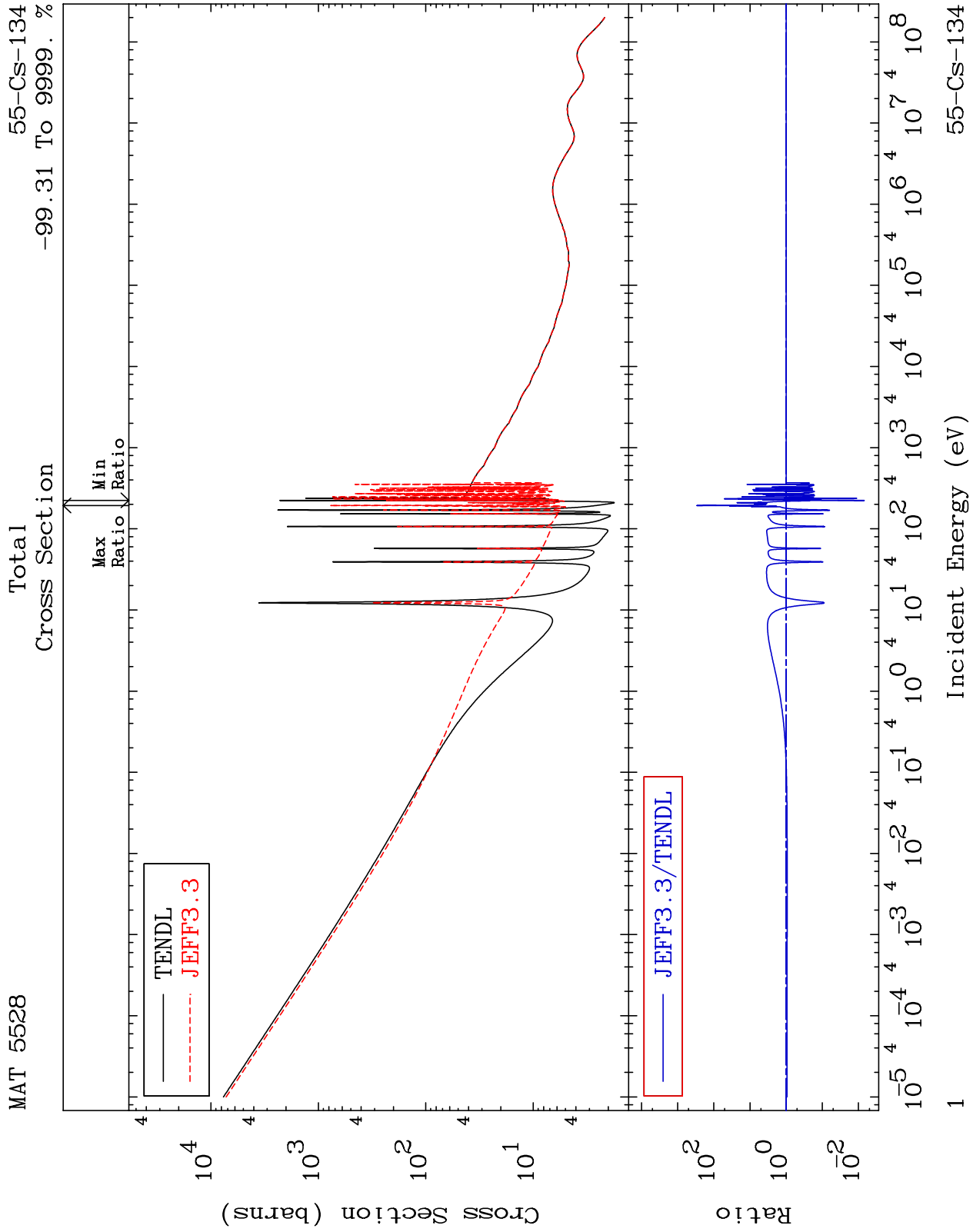
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(Present Contact Information)

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Press Mouse Button to Start



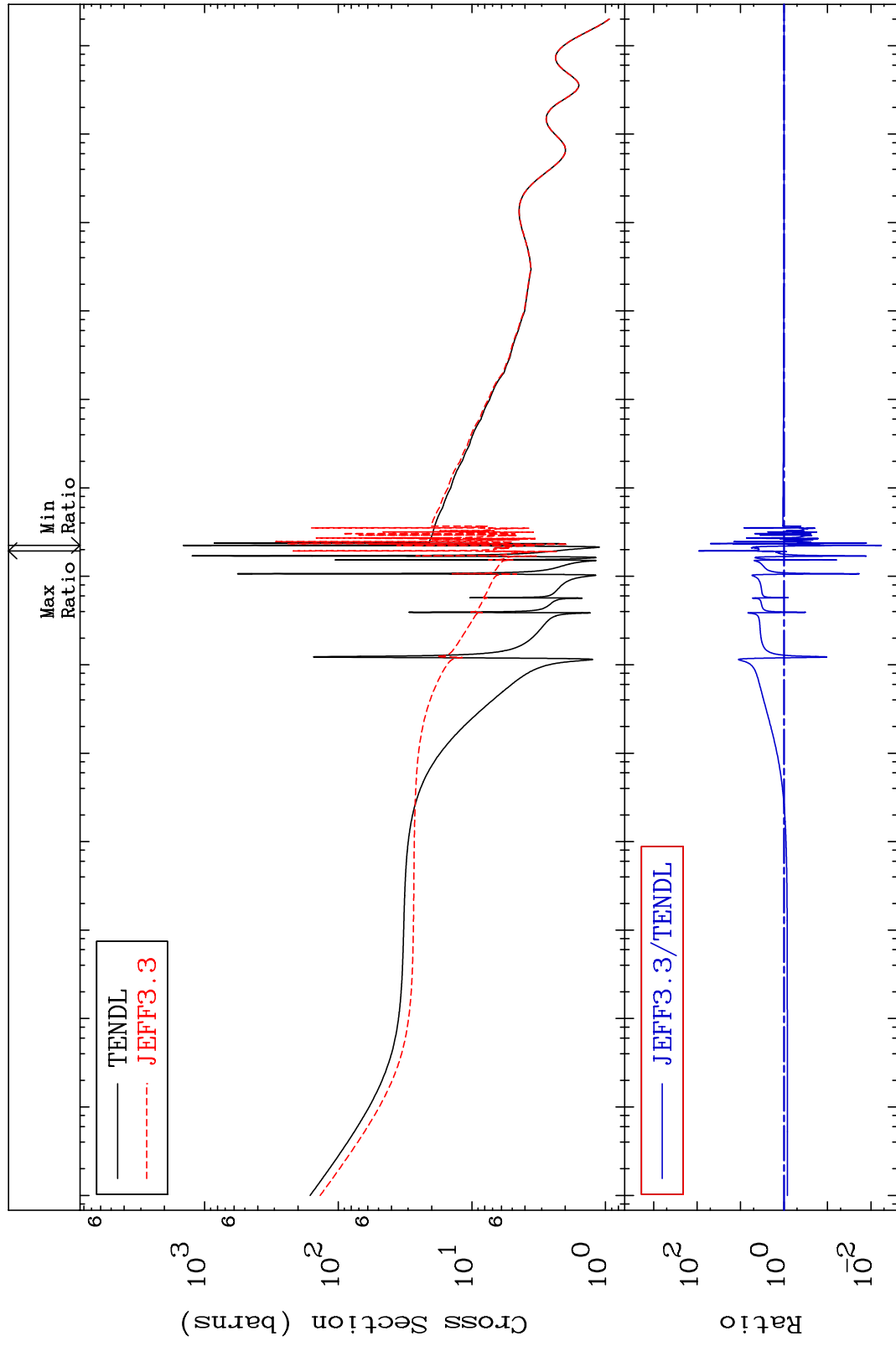
MAT 5528

Elastic

55-Cs-134

Cross Section

-99.43 To 9073. %



2

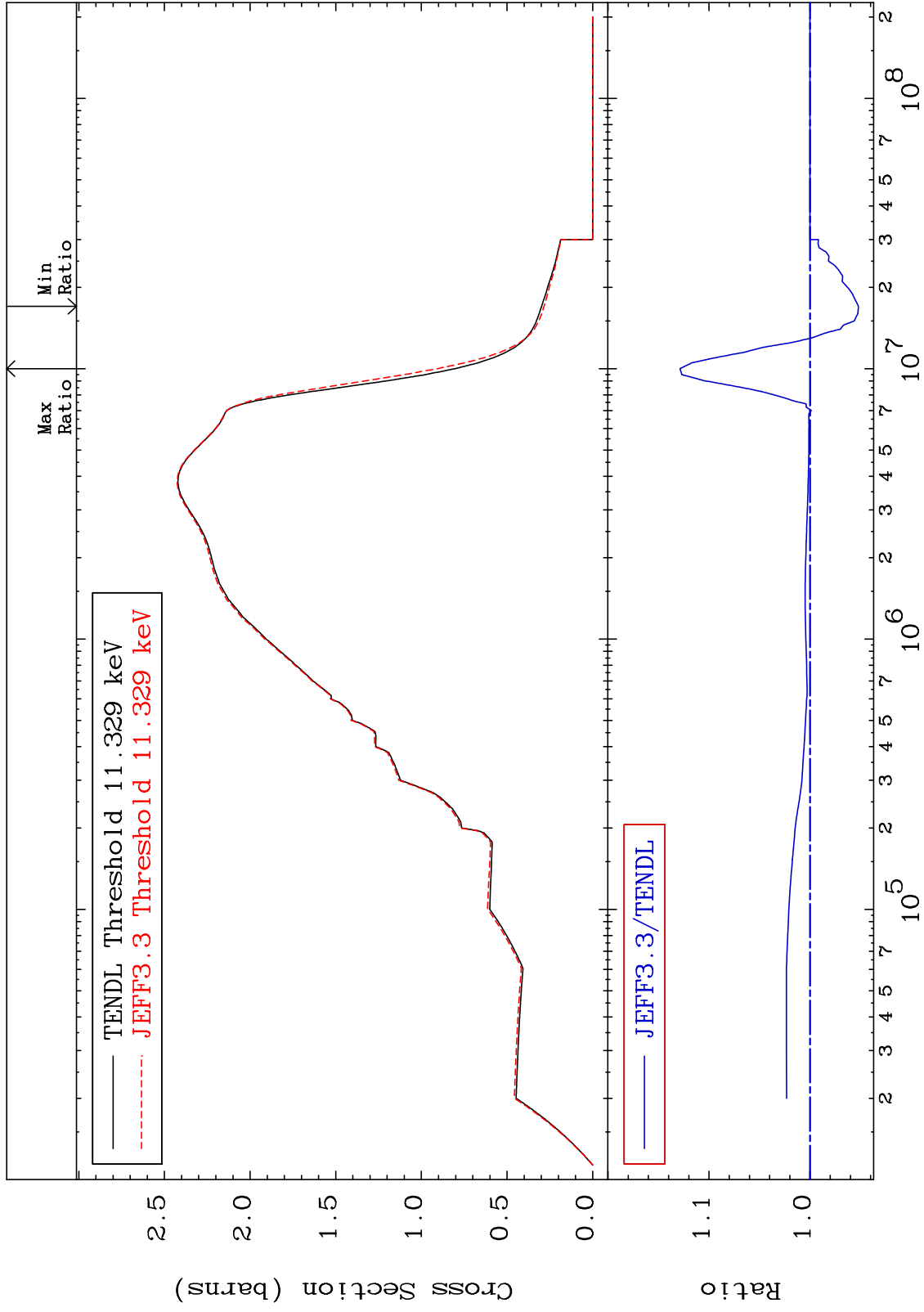
Incident Energy (eV)

55-Cs-134

MAT 5528

Inelastic  
Cross Section

55-Cs-134  
-4.791 To 12.87 %



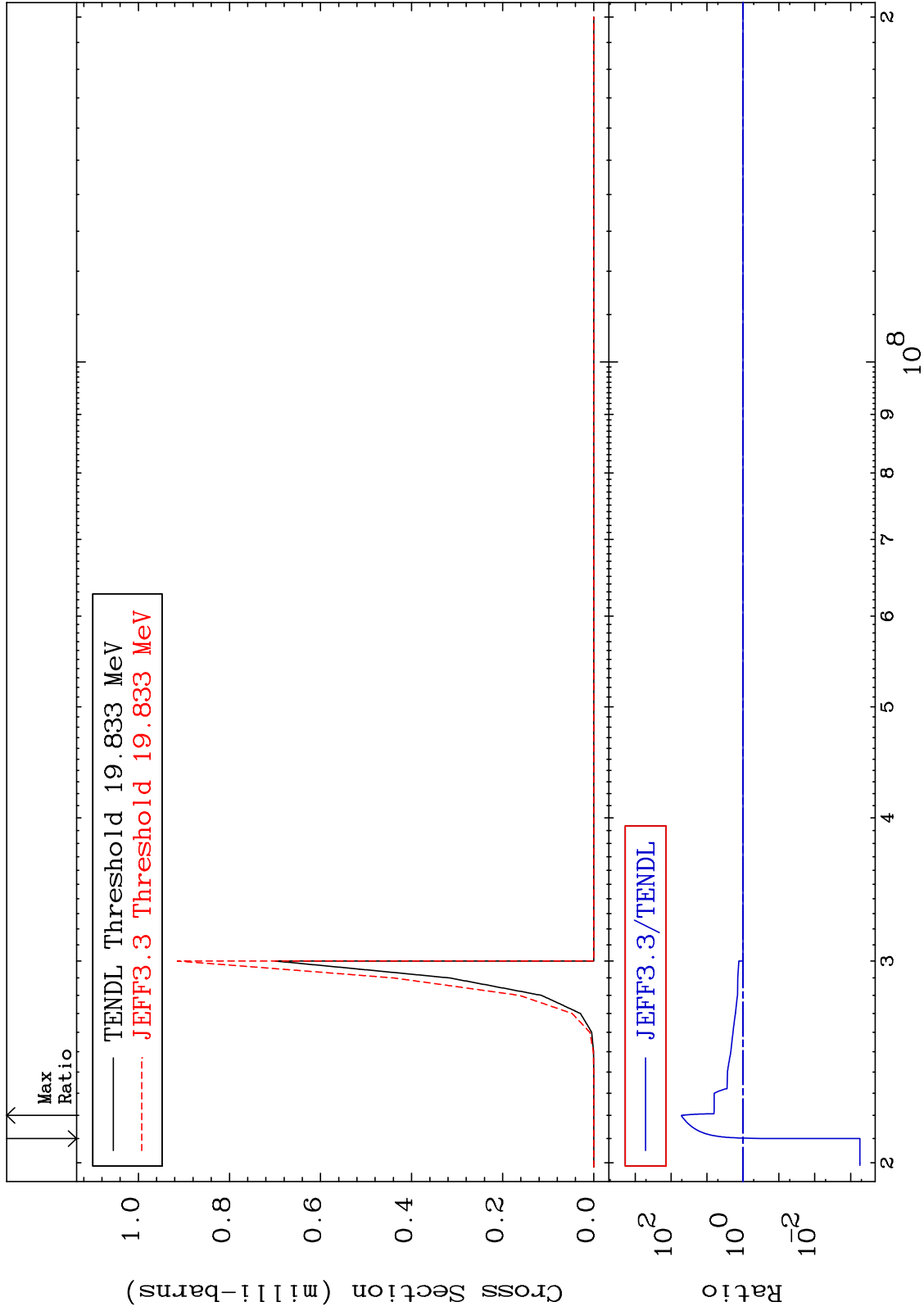
MAT 5528

(n,2n) d

55-Cs-134

Cross Section

-99.94 To 5124. %



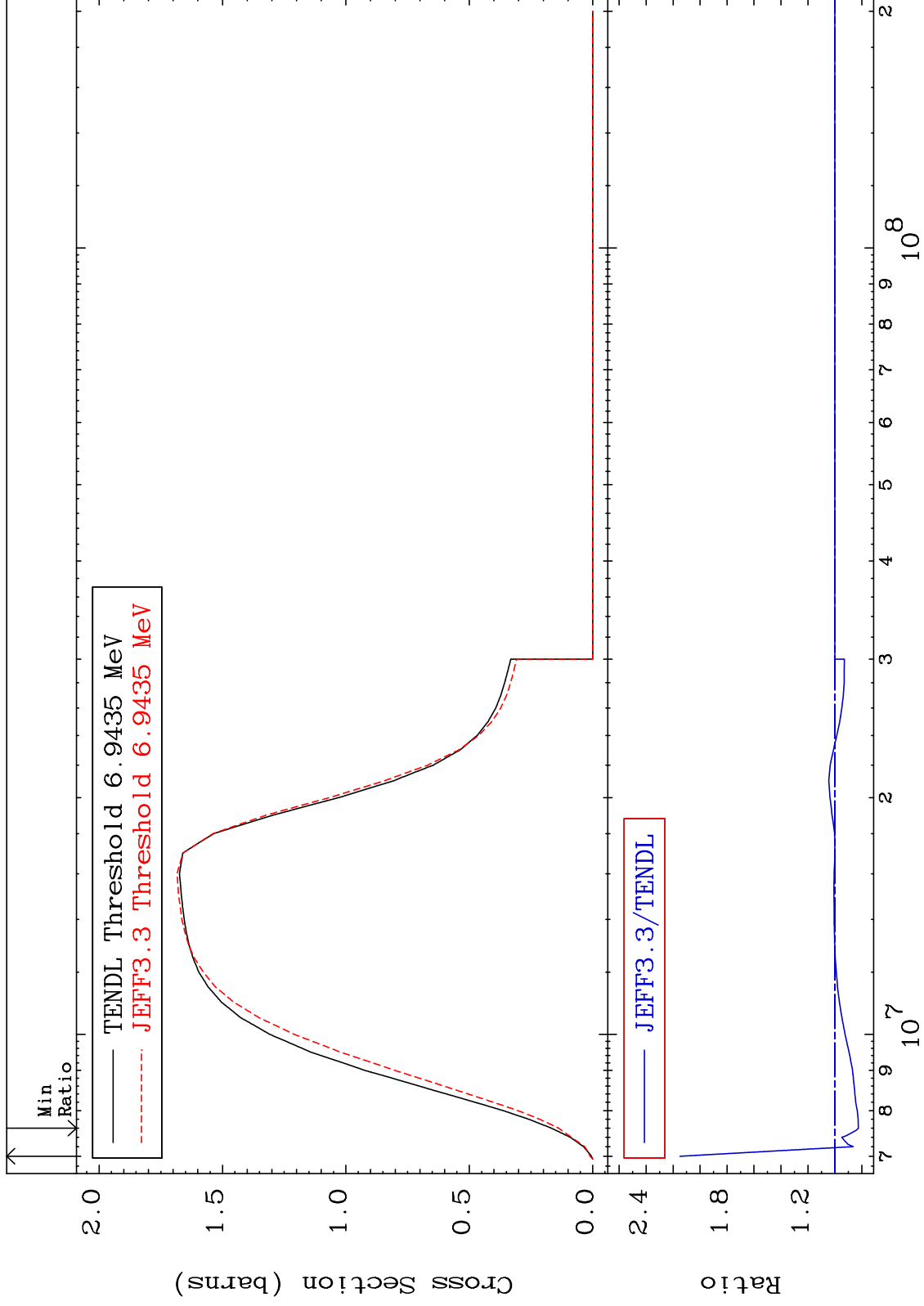
MAT 5528

(n,2n)

55-Cs-134

Cross Section

-17.45 To 114.9 %



5

Incident Energy (eV)

55-Cs-134

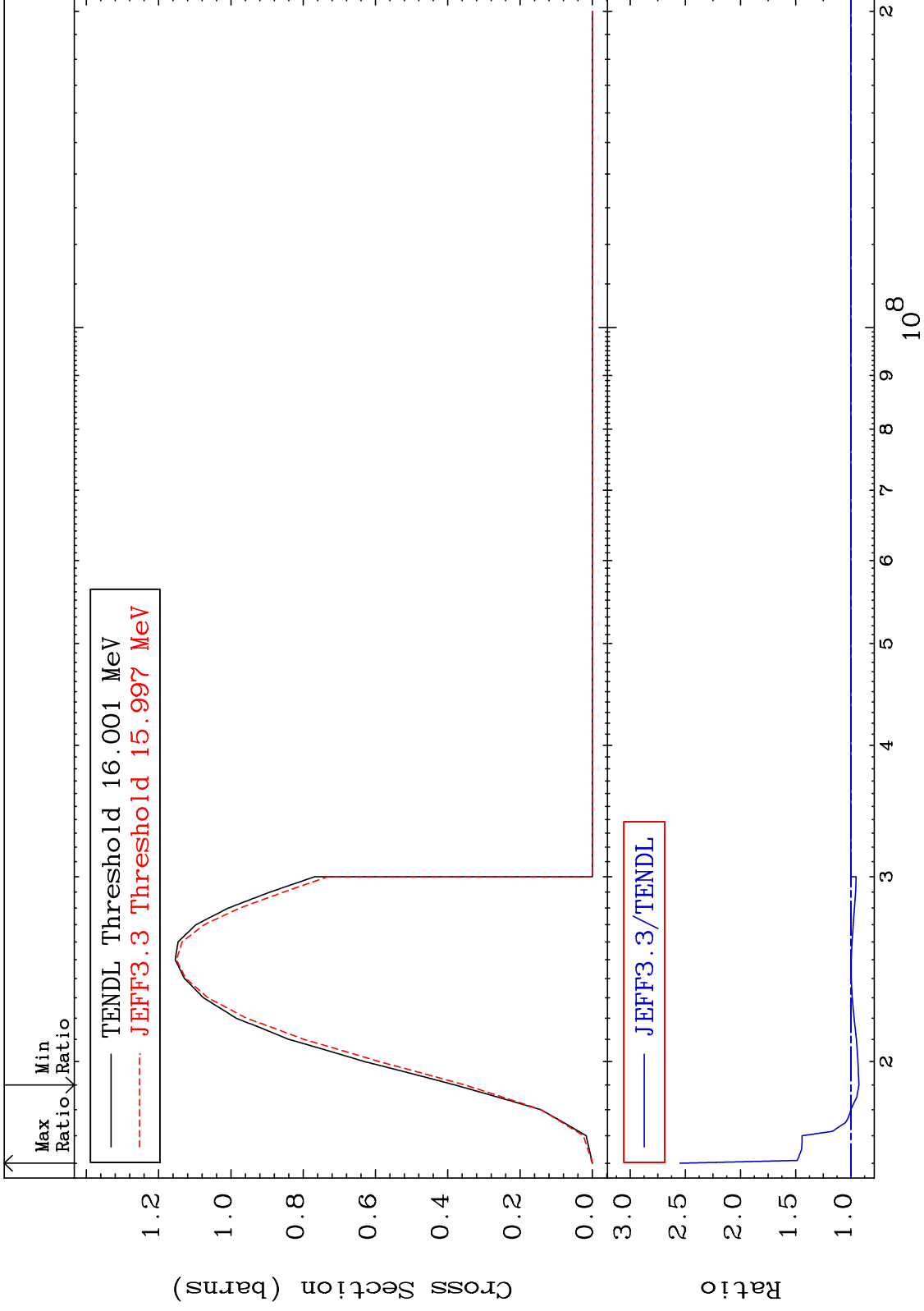
MAT 5528

(n, 3n)

55-Cs-134

Cross Section

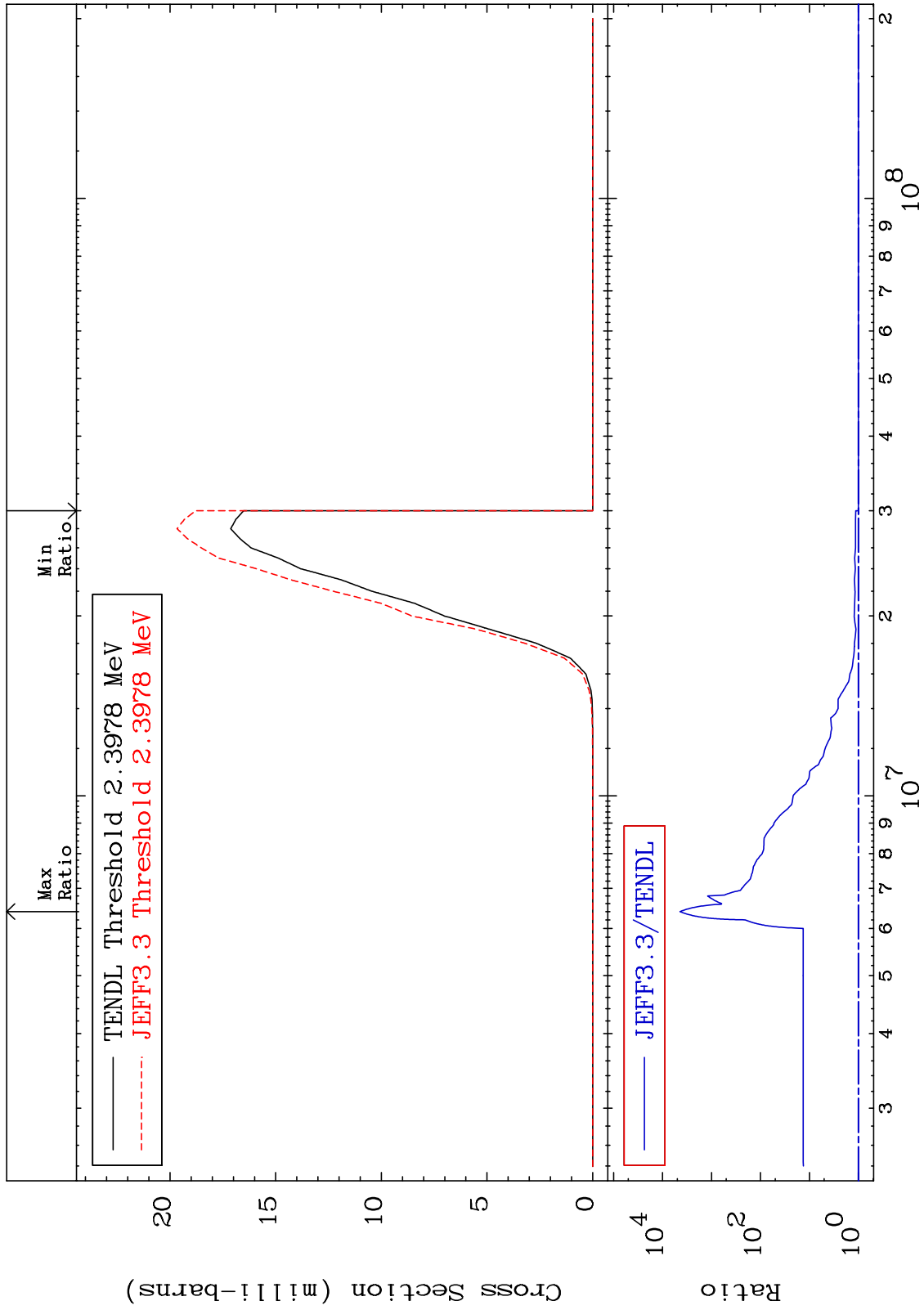
-7.314 To 155.0 %



MAT 5528

$(n, n') \alpha$   
Cross Section

55-Cs-134  
To 9999. %  
0.000





MAT 5528

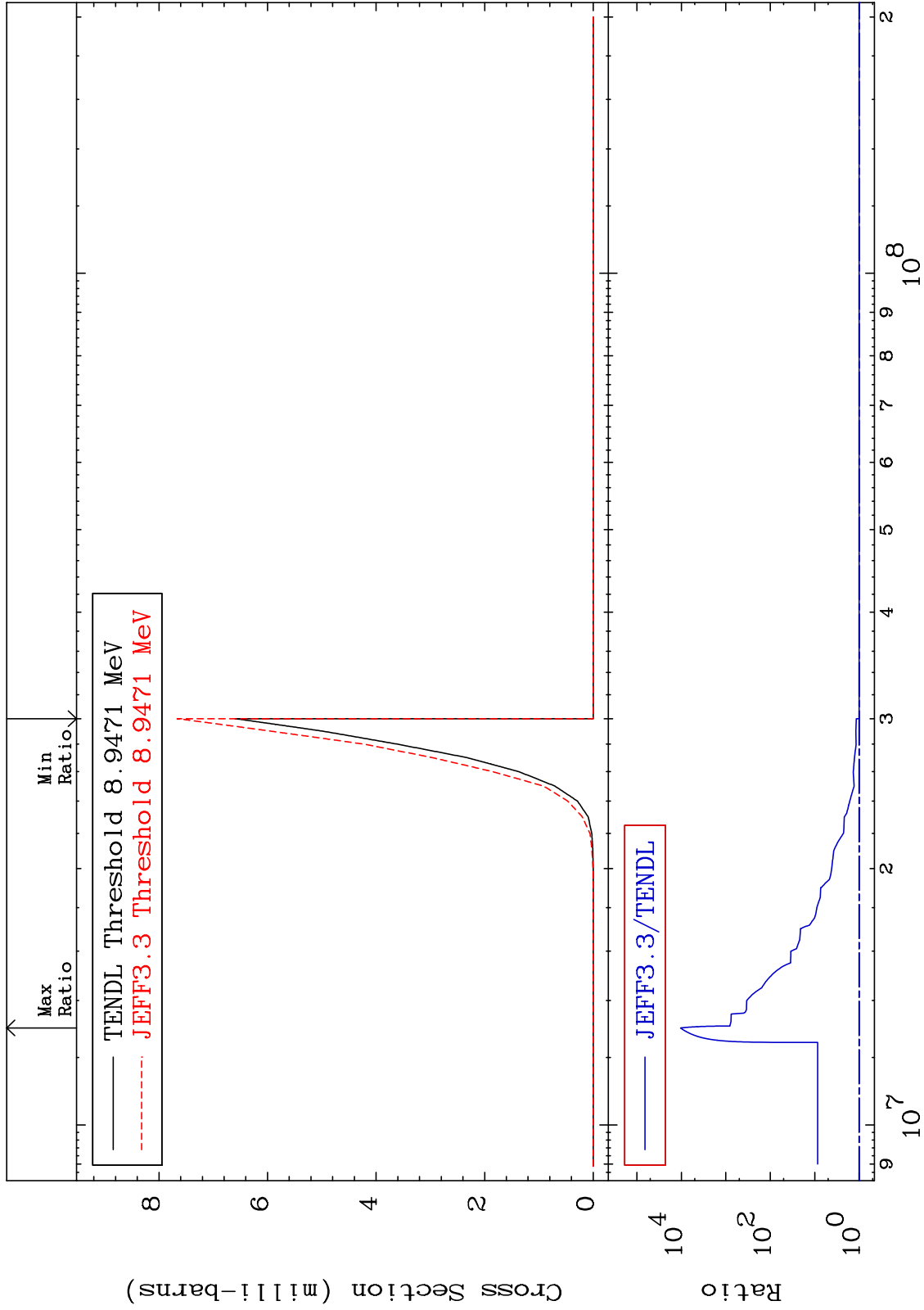
(n,2n)  $\alpha$

55-Cs-134

Cross Section

0.000

To 9999. %

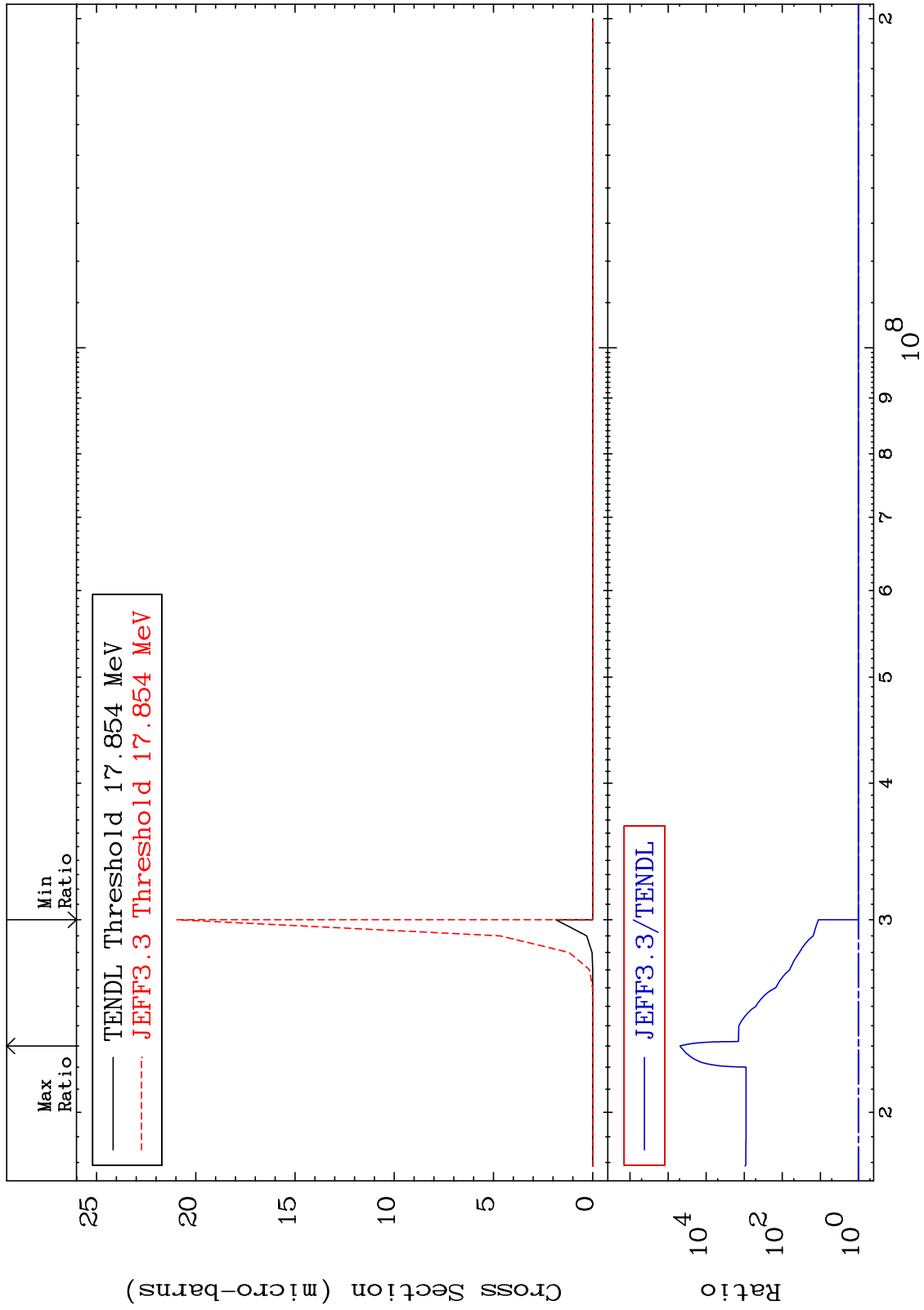


55-Cs-134

Incident Energy (eV)

8

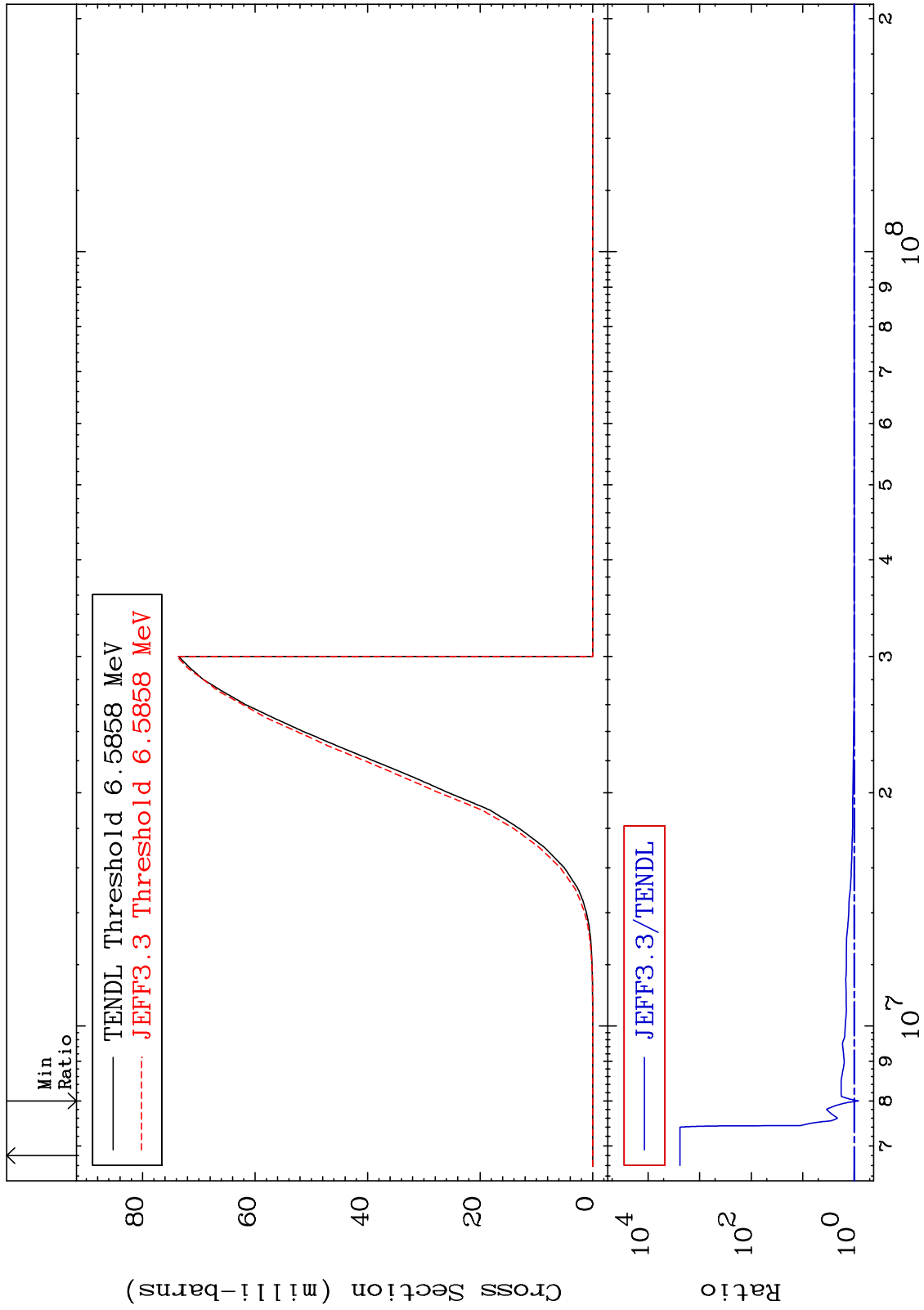
MAT 5528 (n,3n)  $\alpha$  55-Cs-134  
 Cross Section 0.000 To 9999. %



MAT 5528

(n,n') p  
Cross Section

55-Cs-134  
-16.81 To 9999. %



10

Incident Energy (eV)

55-Cs-134

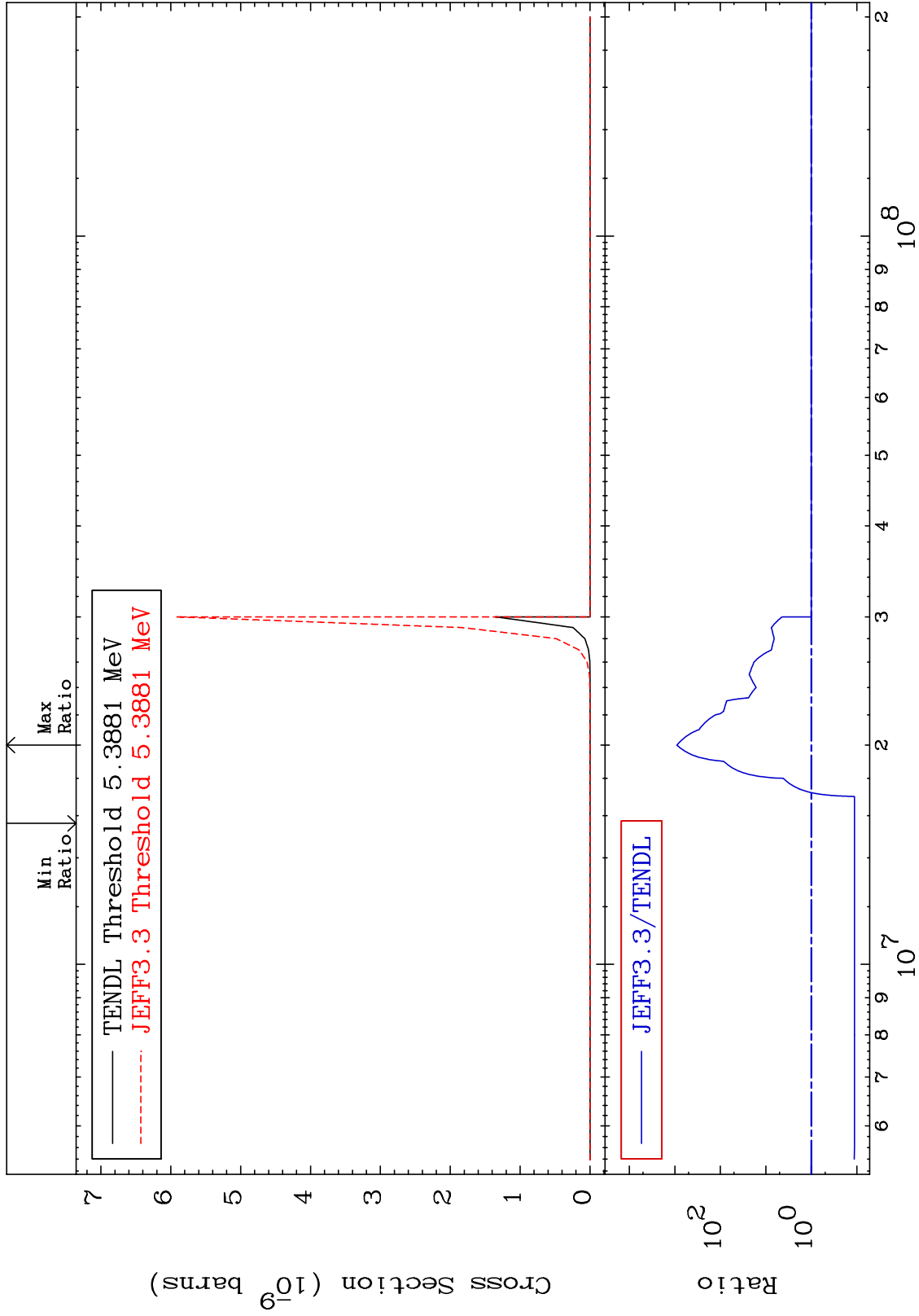
MAT 5528

(n, n') 2α

55-Cs-134

Cross Section

-88.73 To 9999. %



MAT 5528

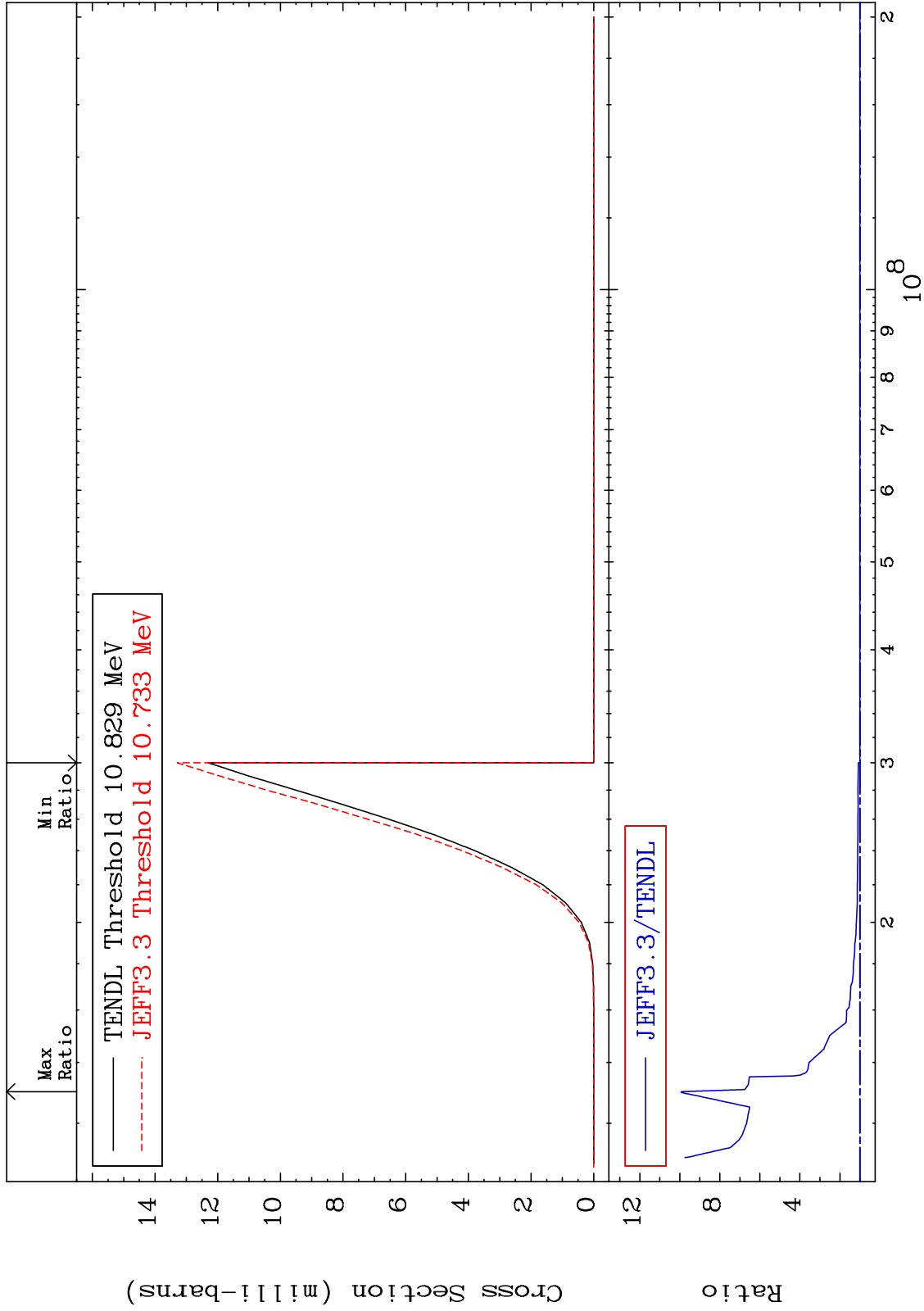
(n,n') d

55-Cs-134

Cross Section

0.000

To 892.9 %



MAT 5528

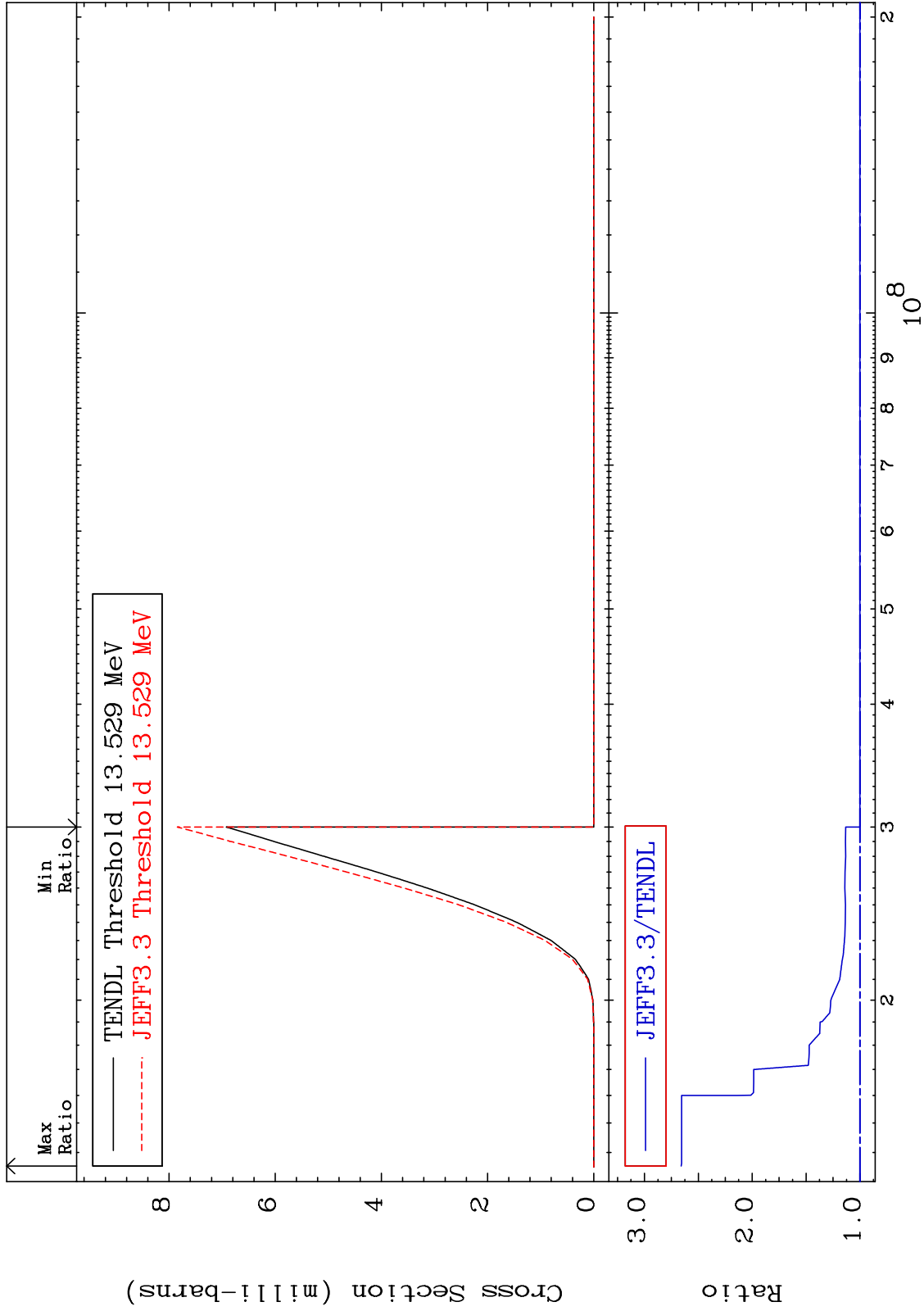
(n,n') t

55-Cs-134

Cross Section

0.000

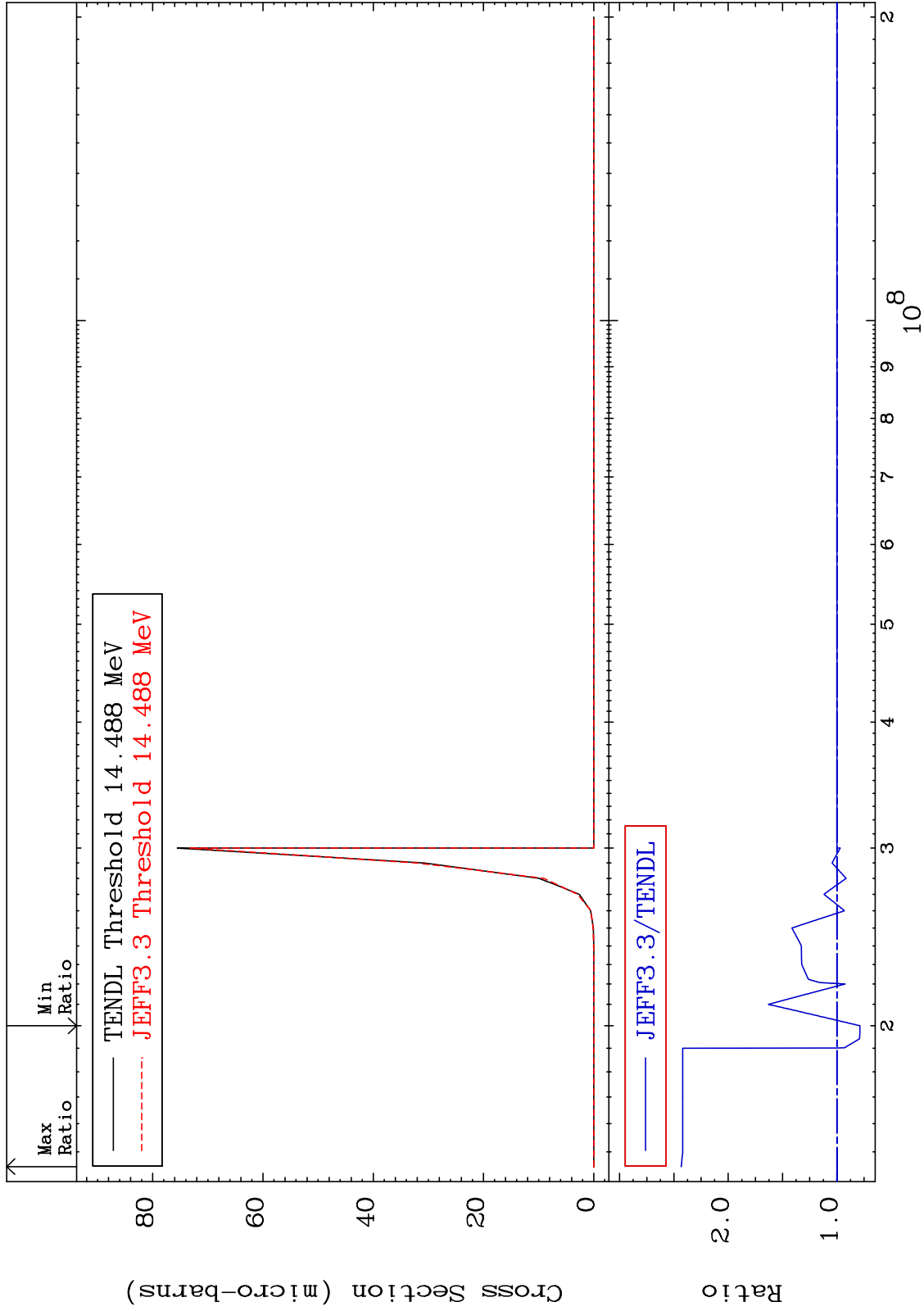
To 165.9 %



MAT 5528

(n,n') He-3  
Cross Section

55-Cs-134  
-21.22 To 143.3 %



MAT 5528

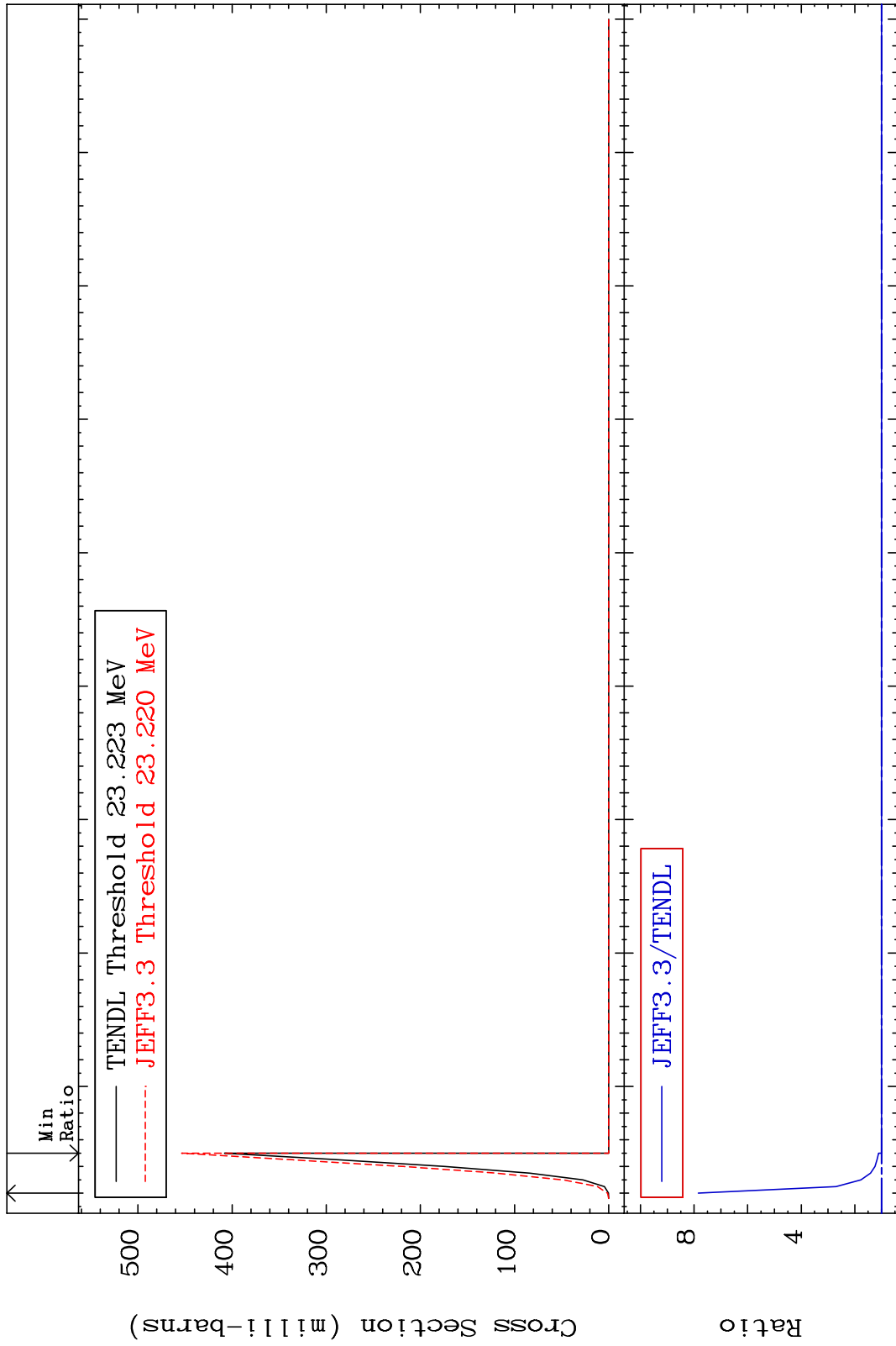
(n, 4n)

55-Cs-134

Cross Section

0.000

To 684.2 %

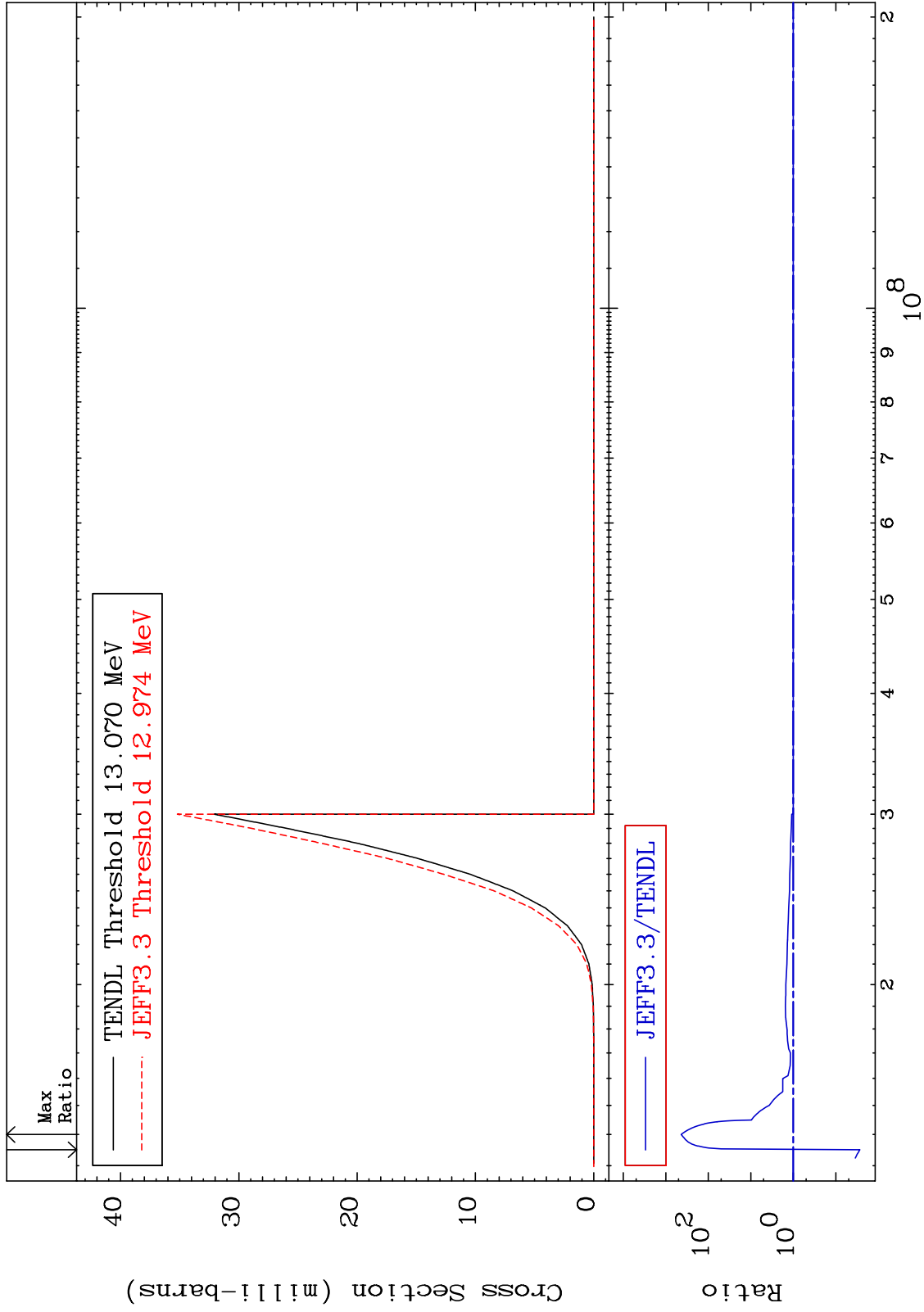




MAT 5528

(n,2n) p  
Cross Section

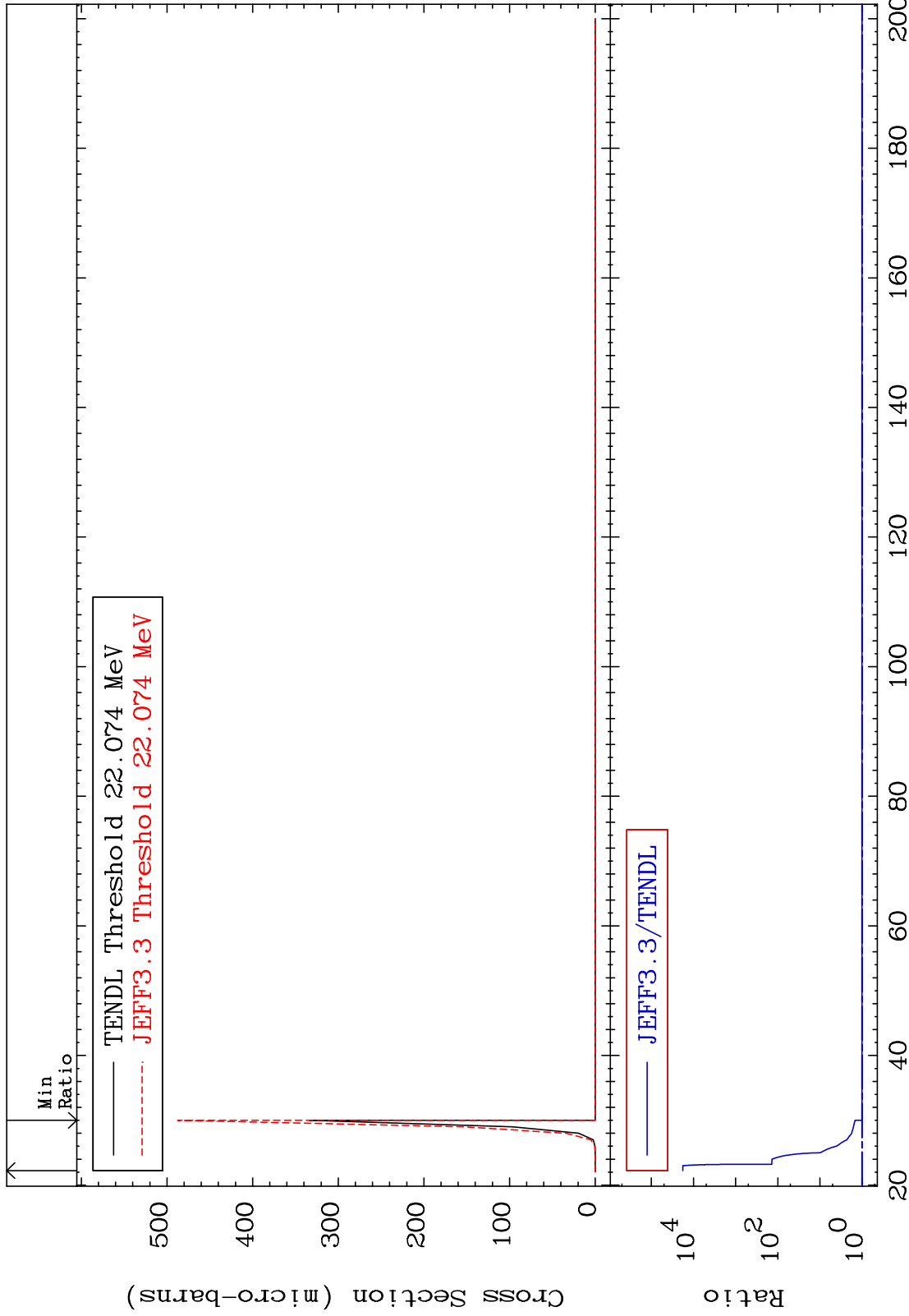
55-Cs-134  
-97.29 To 9999. %



MAT 5528

(n,3n) p  
Cross Section

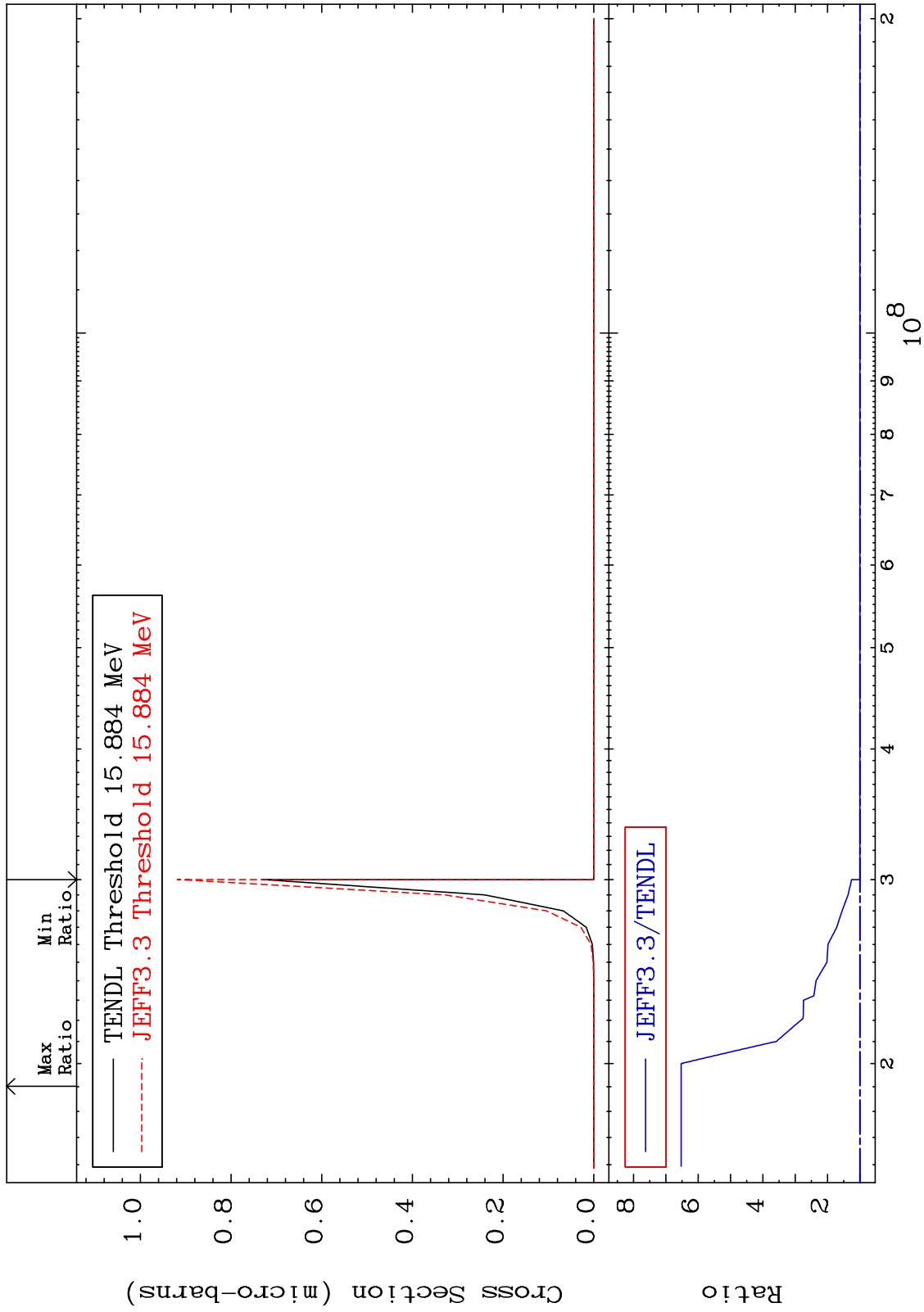
55-Cs-134  
0.000 To 9999. %



MAT 5528

(n,2n) p  
Cross Section

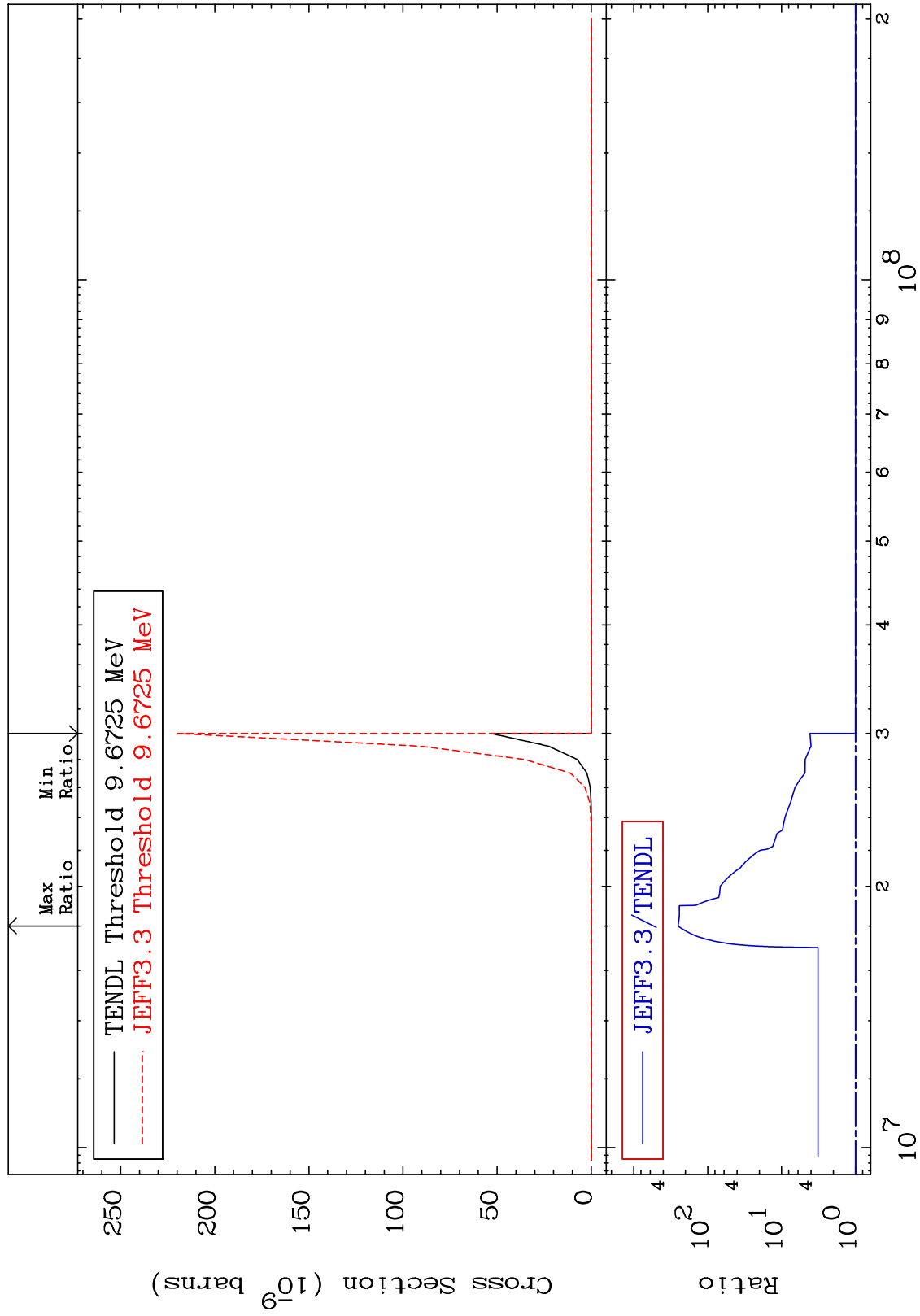
55-Cs-134  
0.000 To 552.7 %



MAT 5528

(n,n') p  $\alpha$   
Cross Section

55-Cs-134  
0.000 To 9999. %



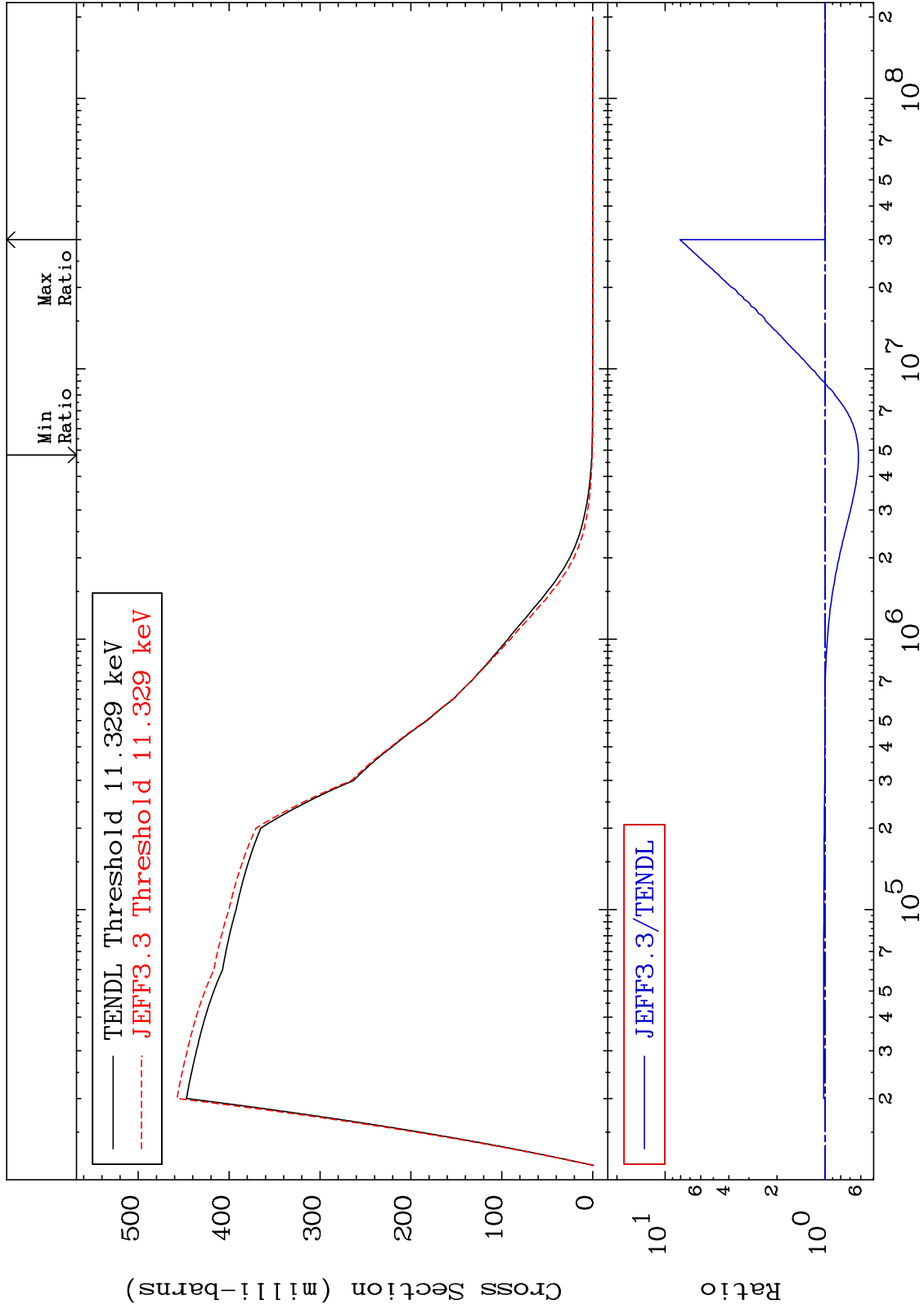
55-Cs-134  
Incident Energy (eV)

19

MAT 5528

MT= 51 (n,n') Level  
Cross Section

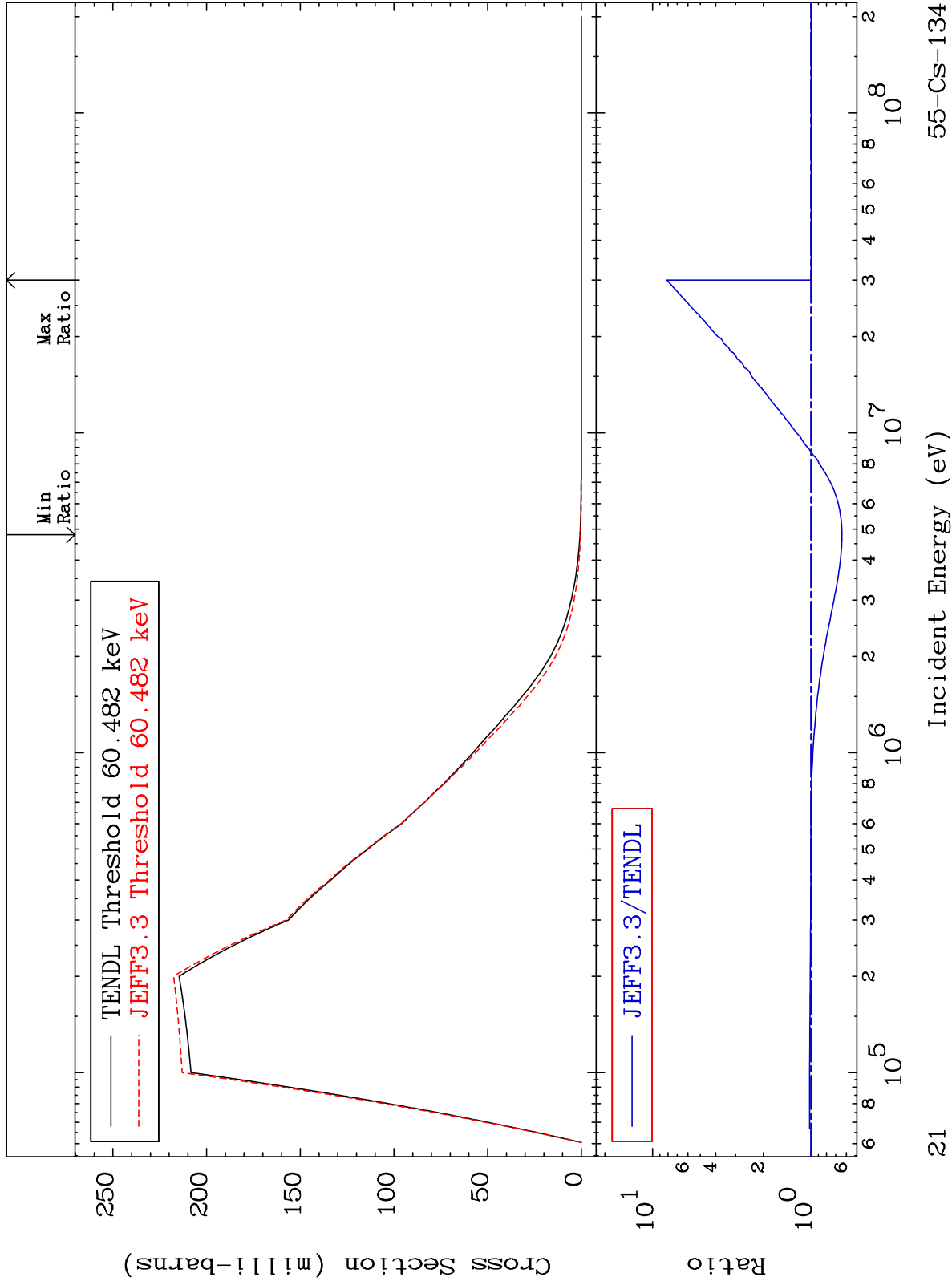
55-Cs-134  
-37.90 To 707.7 %



MAT 5528

MT= 52 (n,n') Level  
Cross Section

55-Cs-134  
-36.02 To 711.9 %



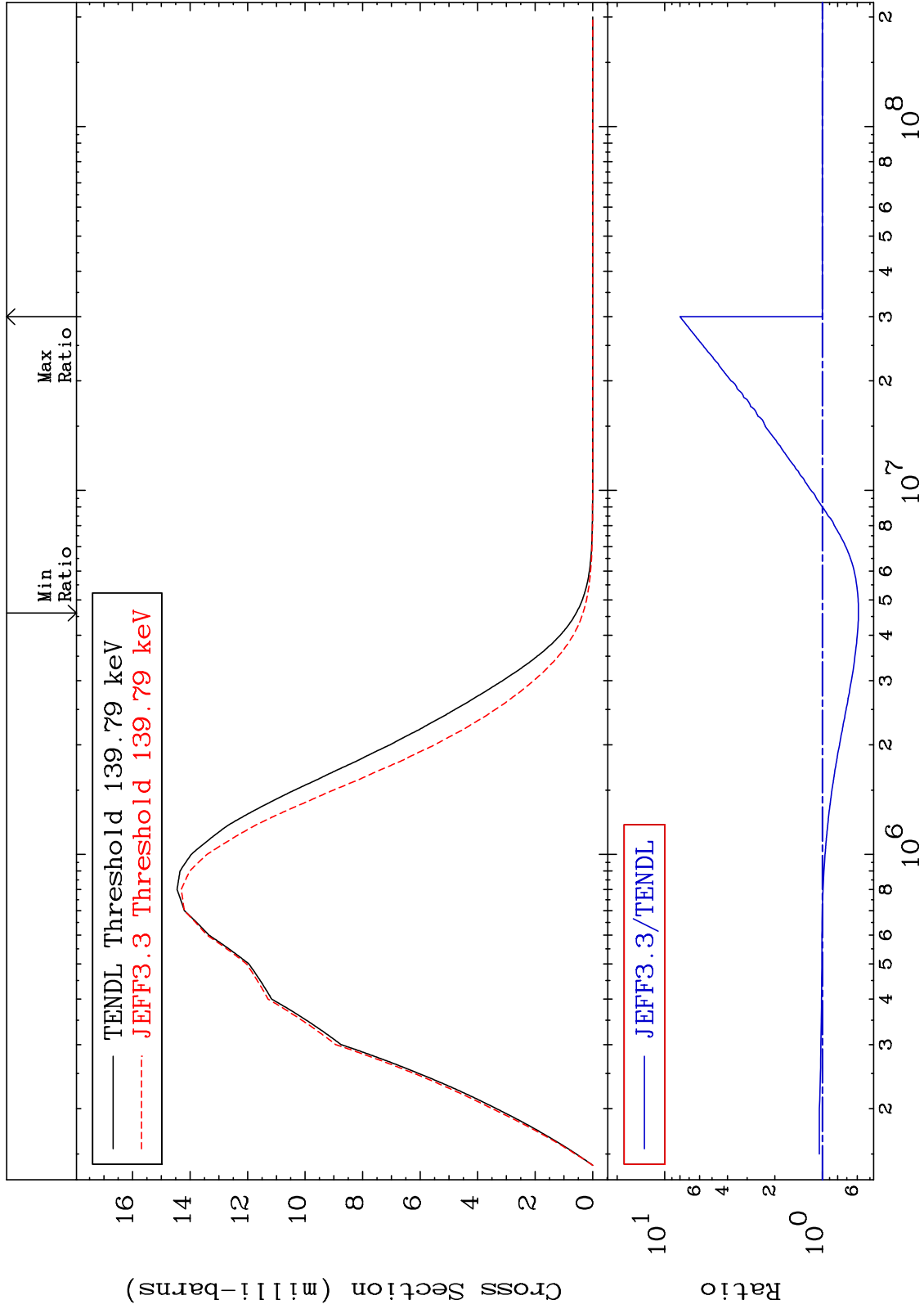
MAT 5528

MT= 53 (n, n') Level

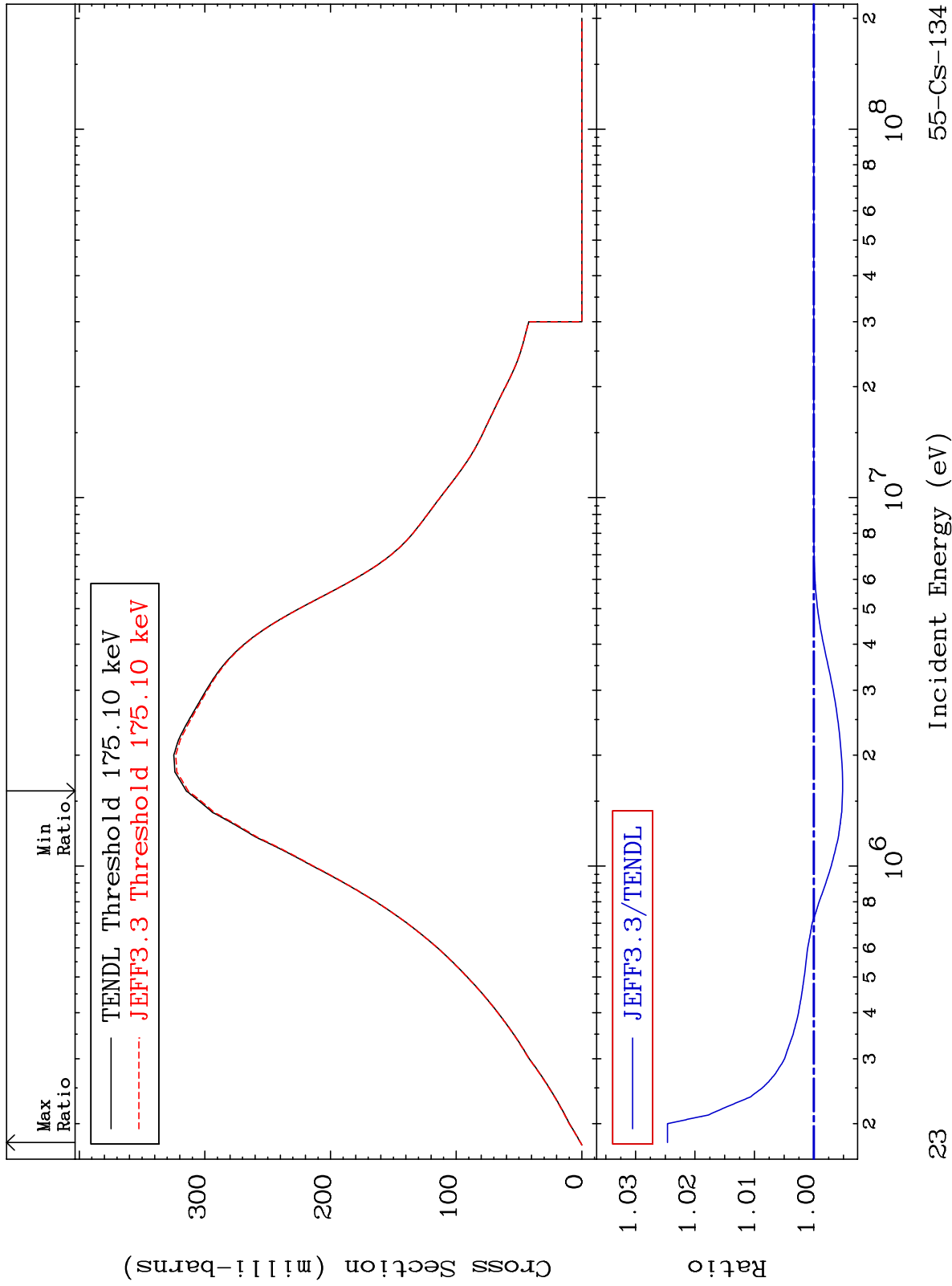
55-Cs-134

-40.93 To 698.9 %

Cross Section

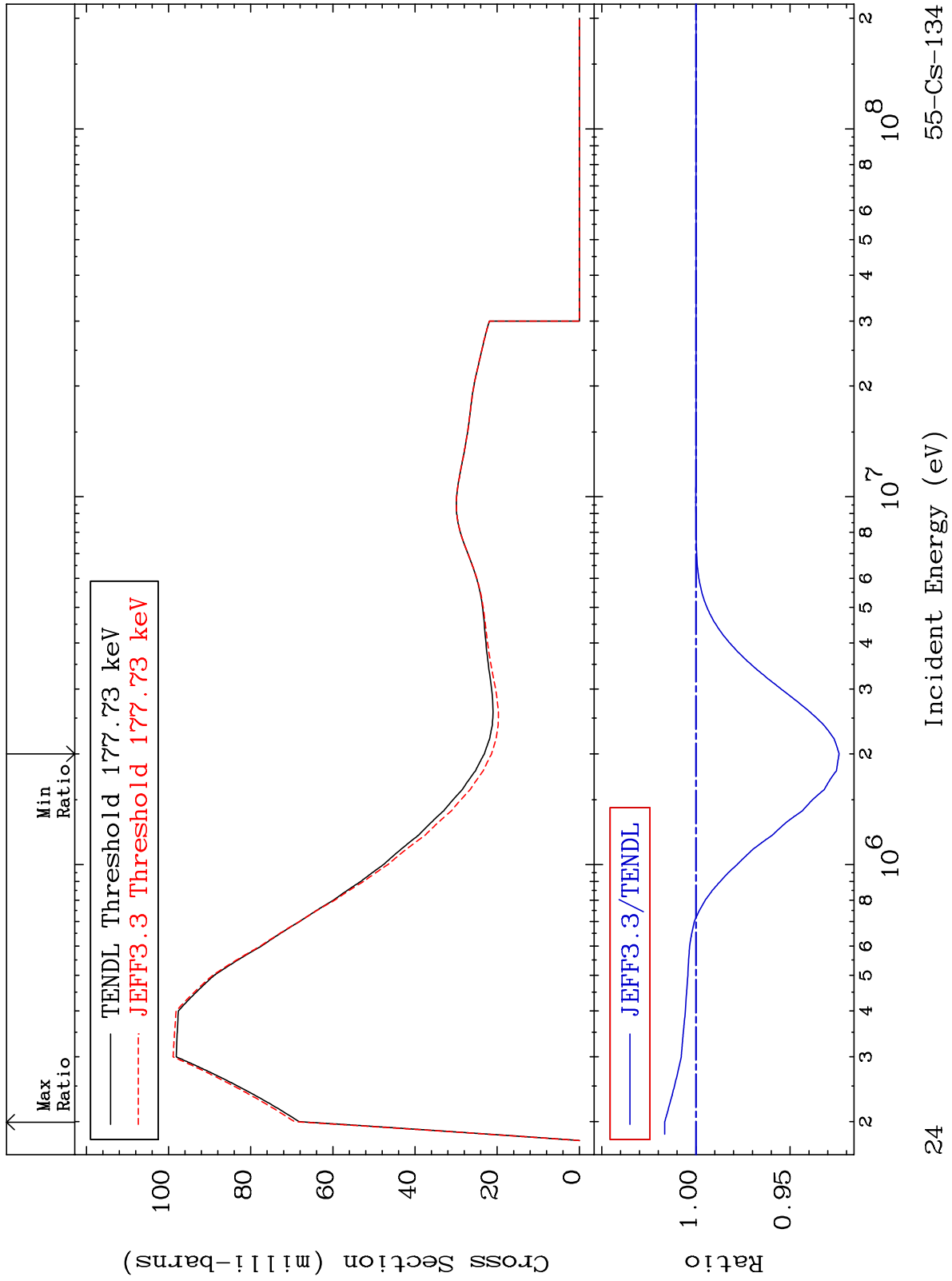


MAT 5528 MT= 54 (n,n') Level Cross Section 55-Cs-134 -0.486 To 2.462 %





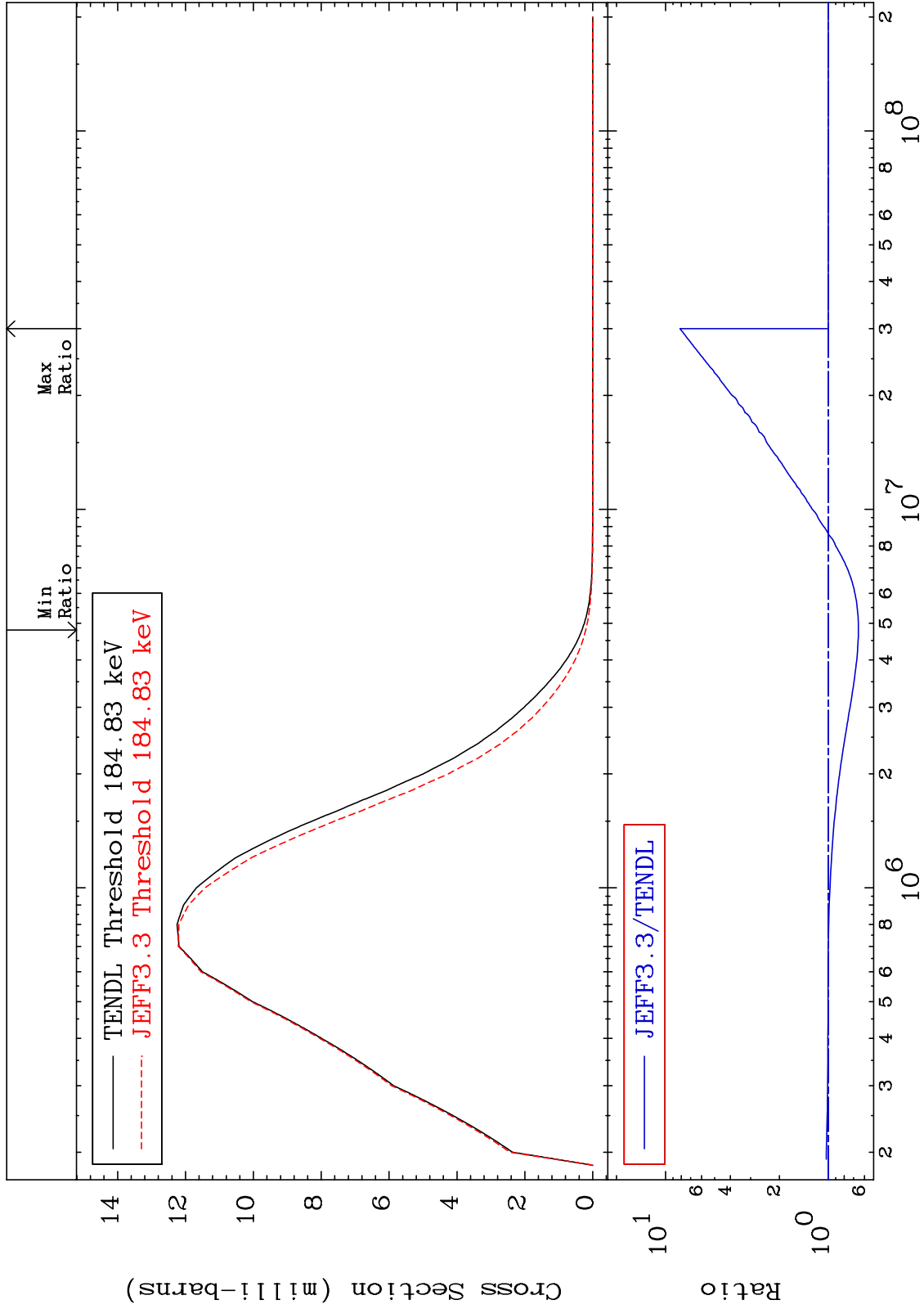
MAT 5528 MT= 55 (n,n') Level Cross Section 55-Cs-134 -7.604 To 1.656 %



MAT 5528

MT= 56 (n, n') Level  
Cross Section

55-Cs-134  
-34.65 To 714.6 %



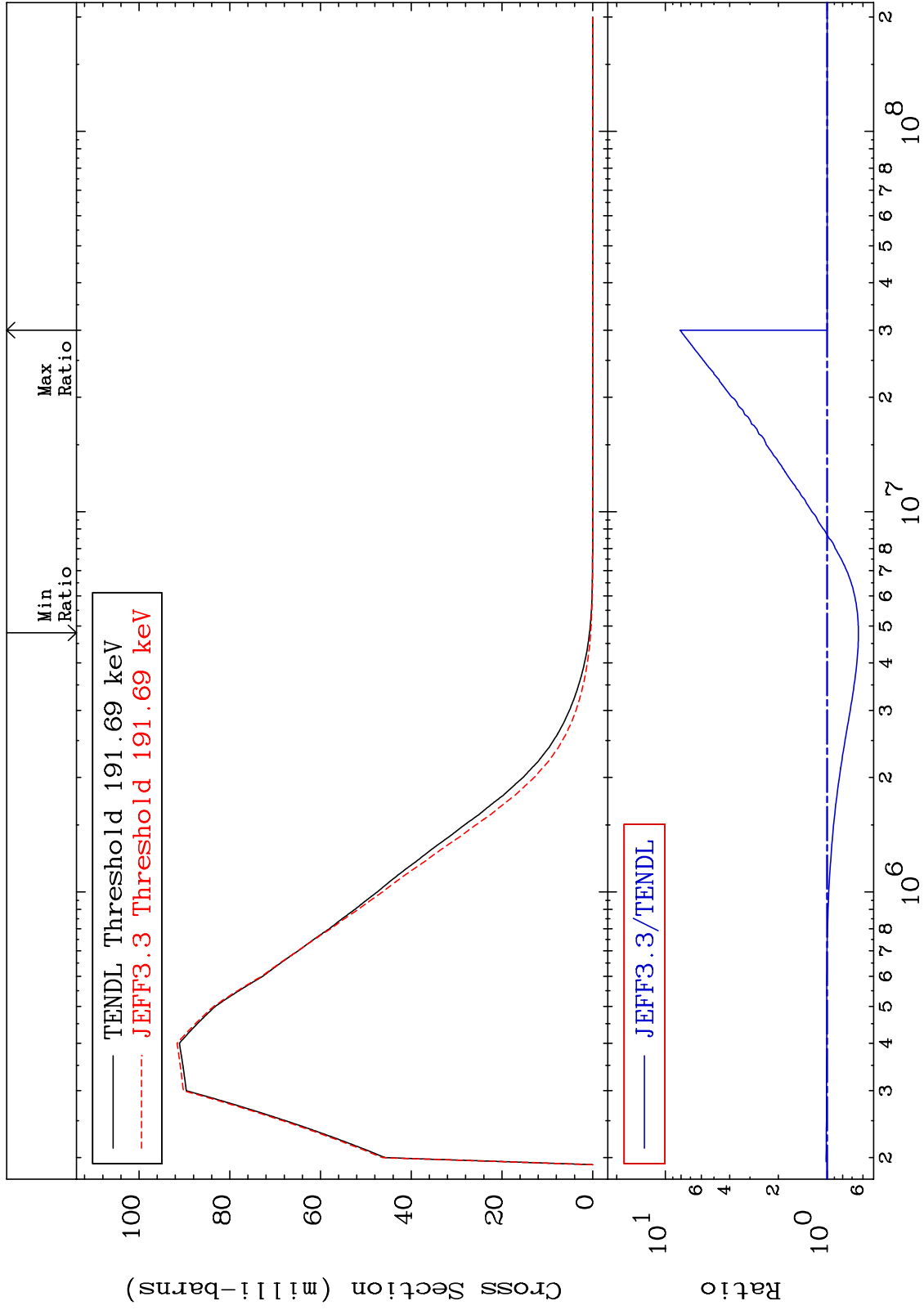
MAT 5528

MT= 57 (n, n') Level

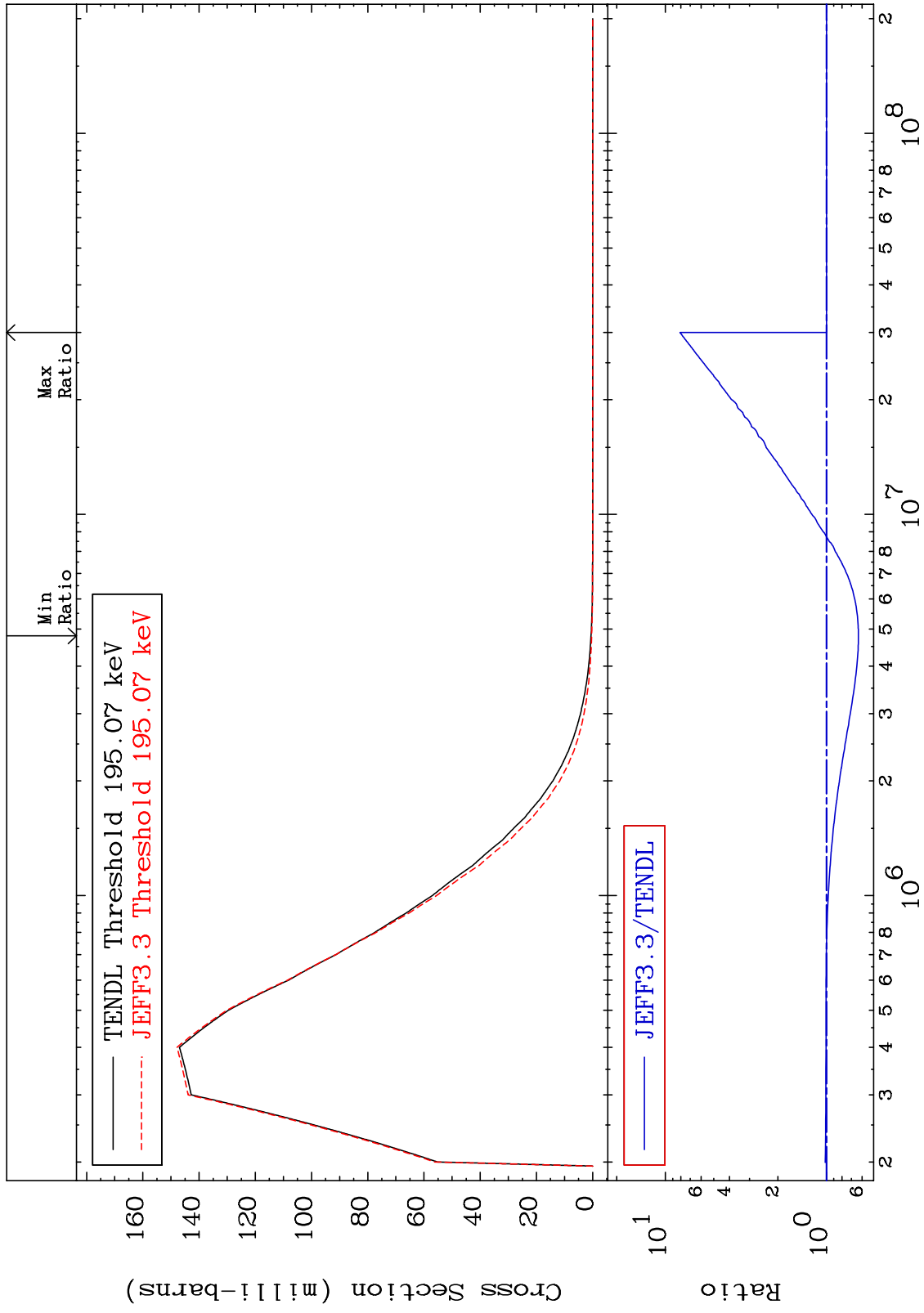
55-Cs-134

-36.01 To 712.0 %

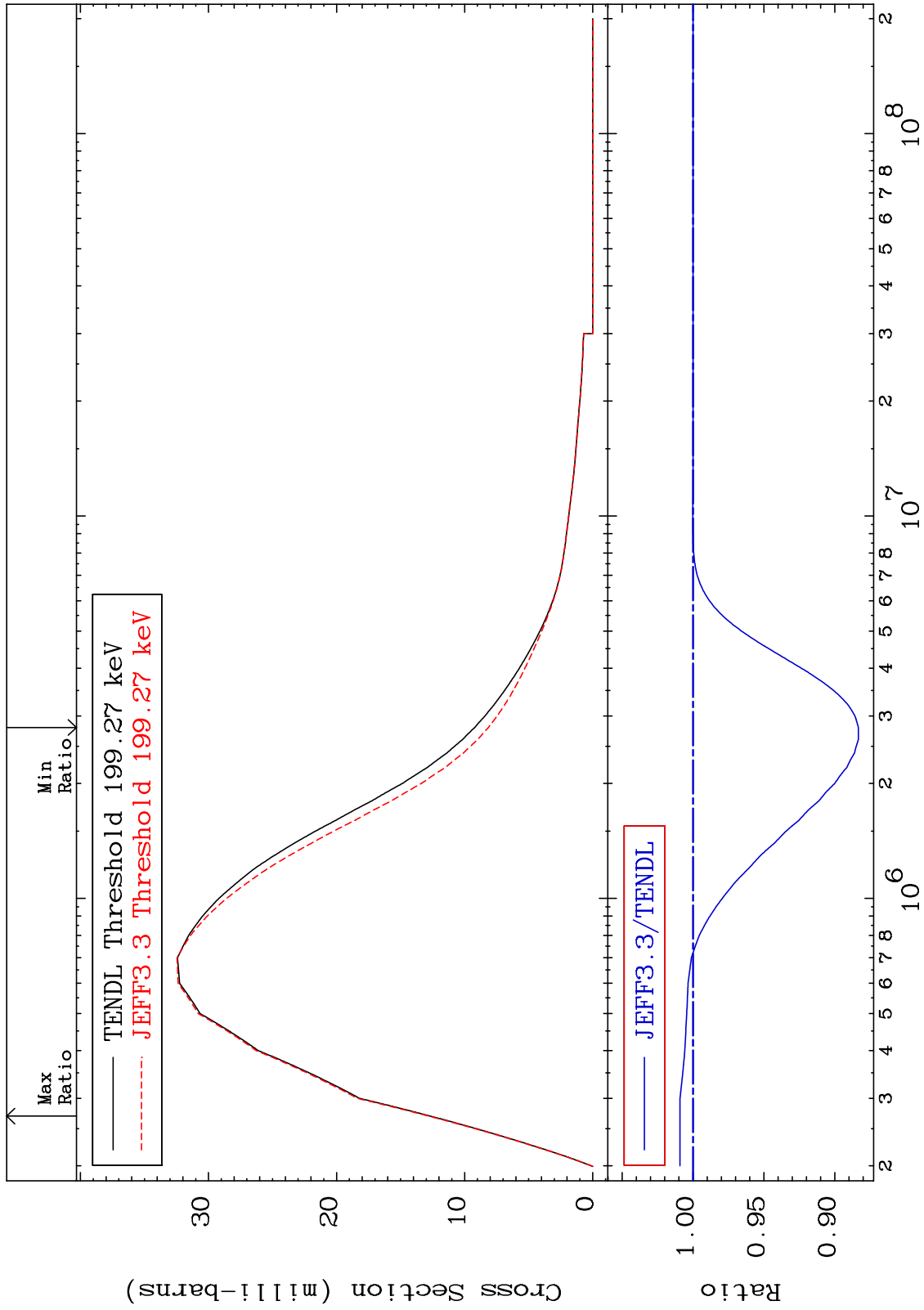
Cross Section



MAT 5528 MT= 58 (n, n') Level Cross Section 55-Cs-134 -36.70 To 710.2 %



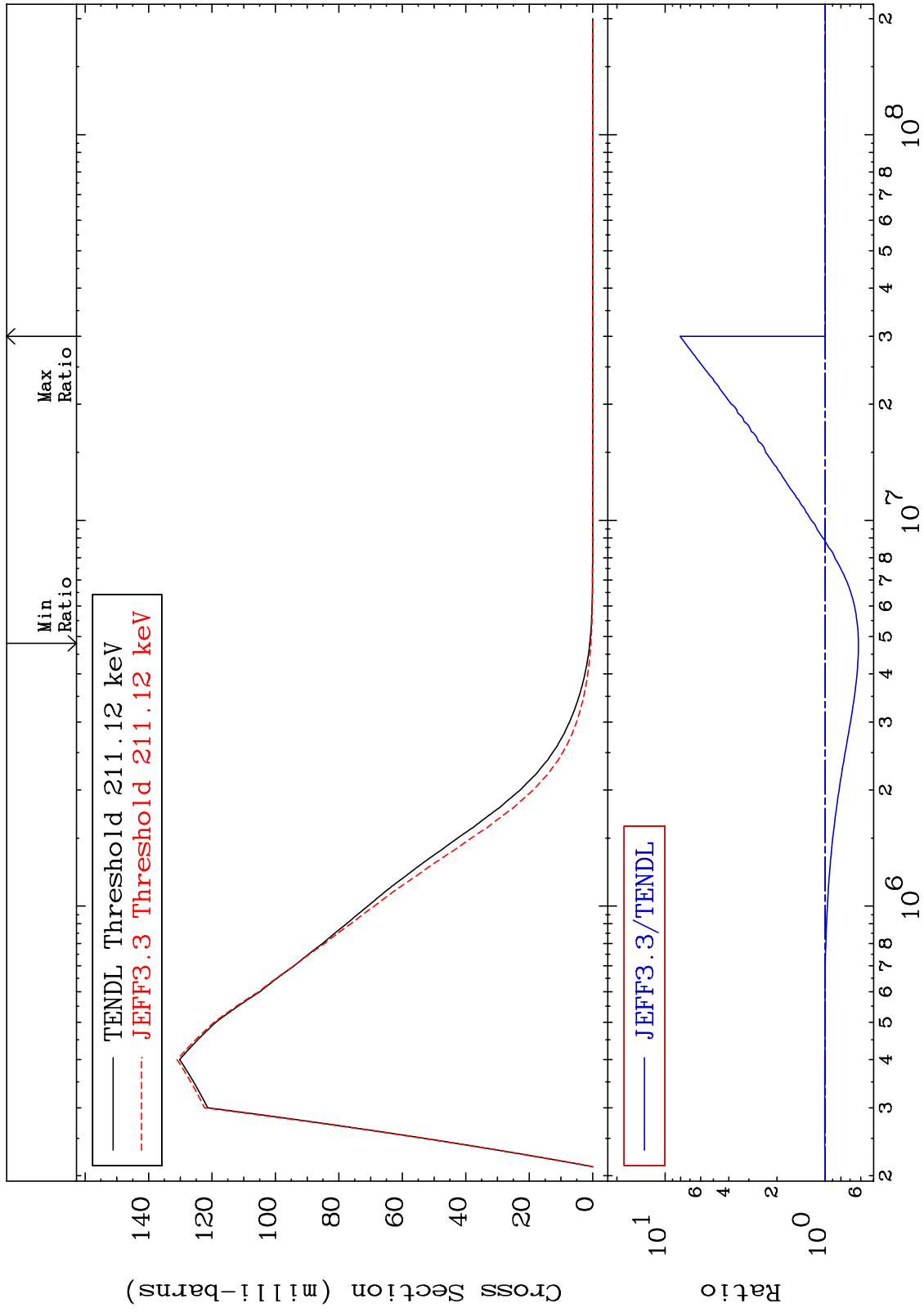
MAT 5528 MT= 59 (n,n') Level Cross Section 55-Cs-134 -11.66 To 0.918 %



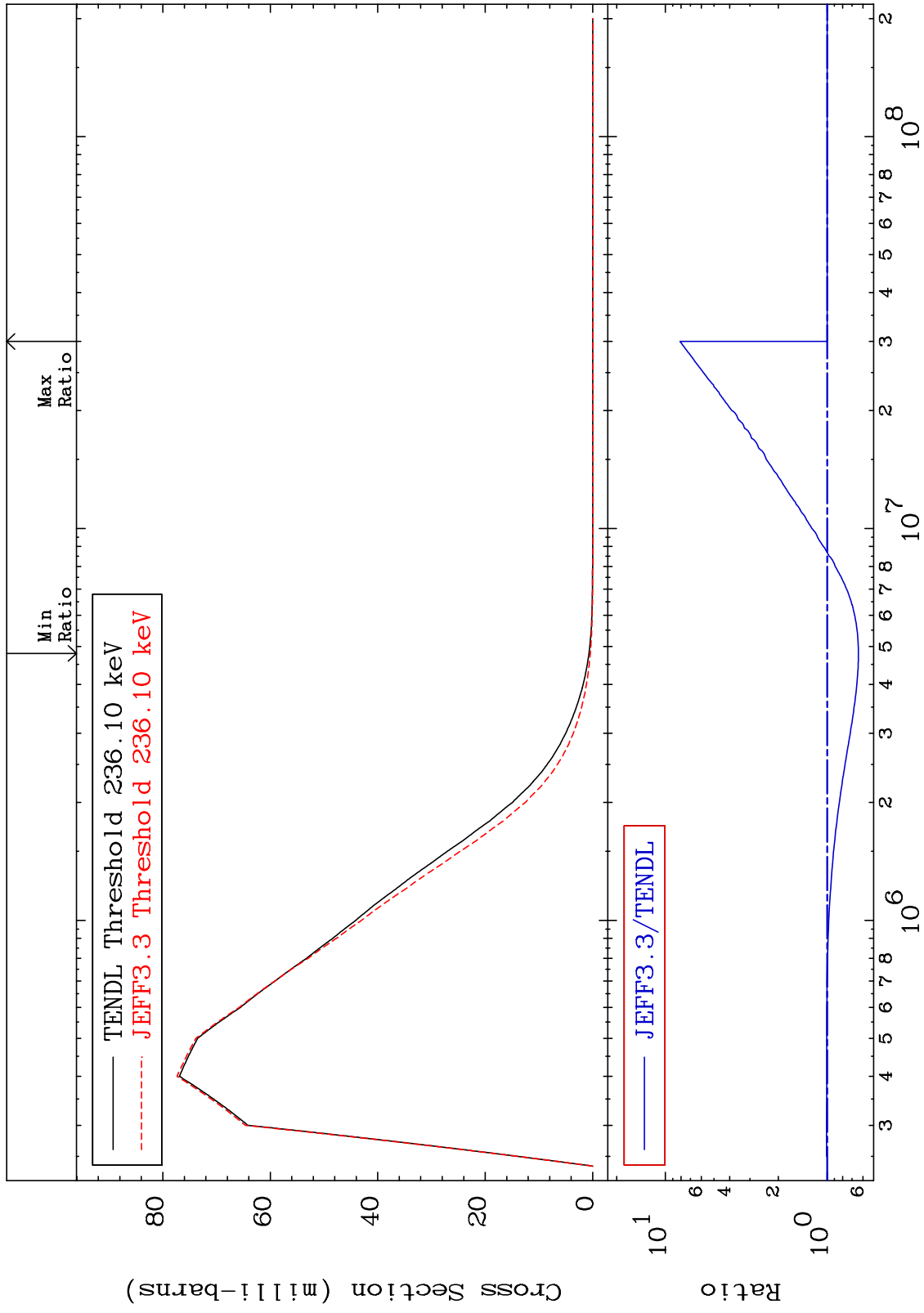
MAT 5528

MT= 60 (n,n') Level  
Cross Section

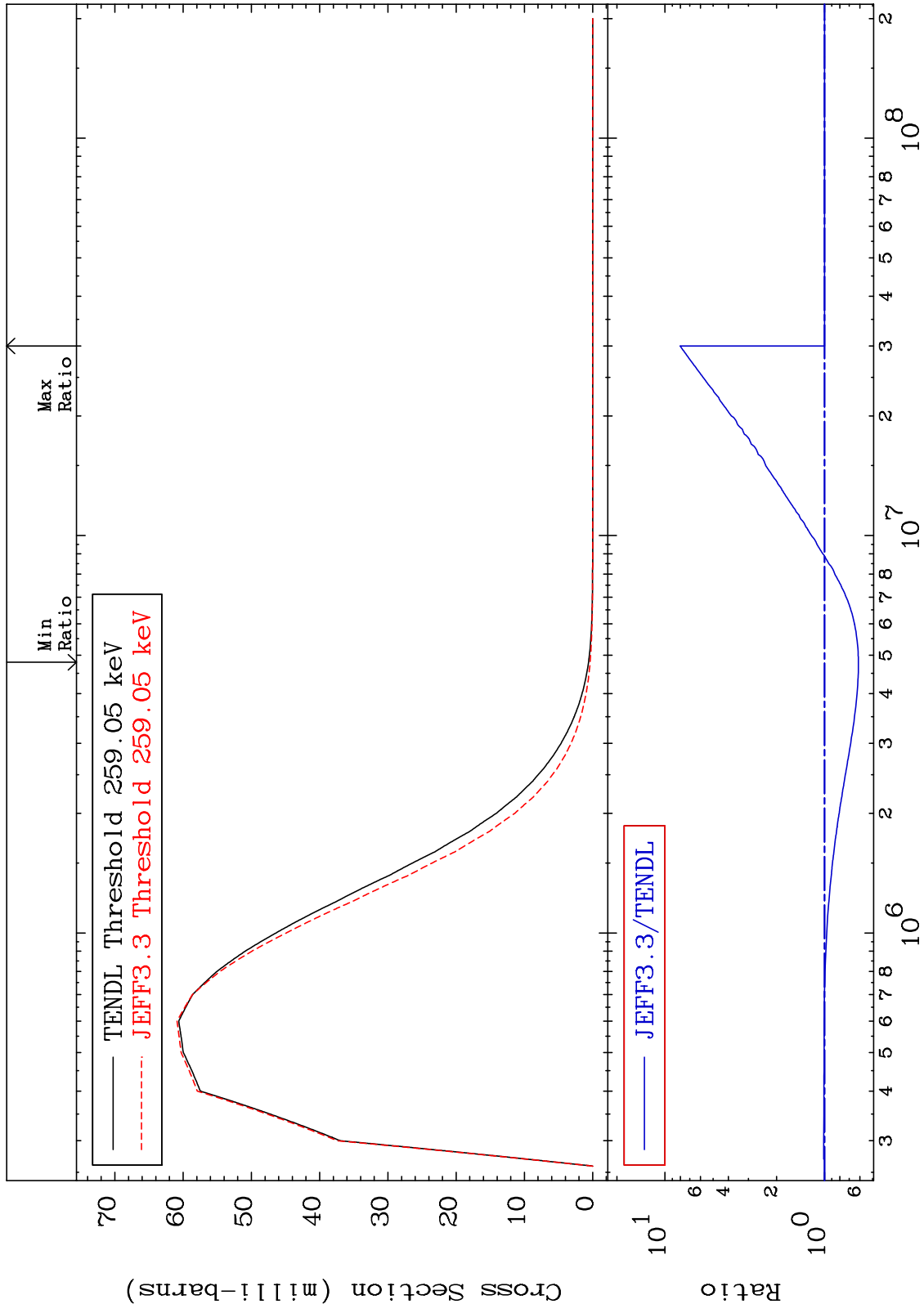
55-Cs-134  
-37.89 To 707.7 %



MAT 5528 MT= 61 (n,n') Level Cross Section 55-Cs-134 -36.00 To 712.0 %



MAT 5528      MT= 62 (n,n') Level      55-Cs-134  
 Cross Section      -38.74 To 705.1 %

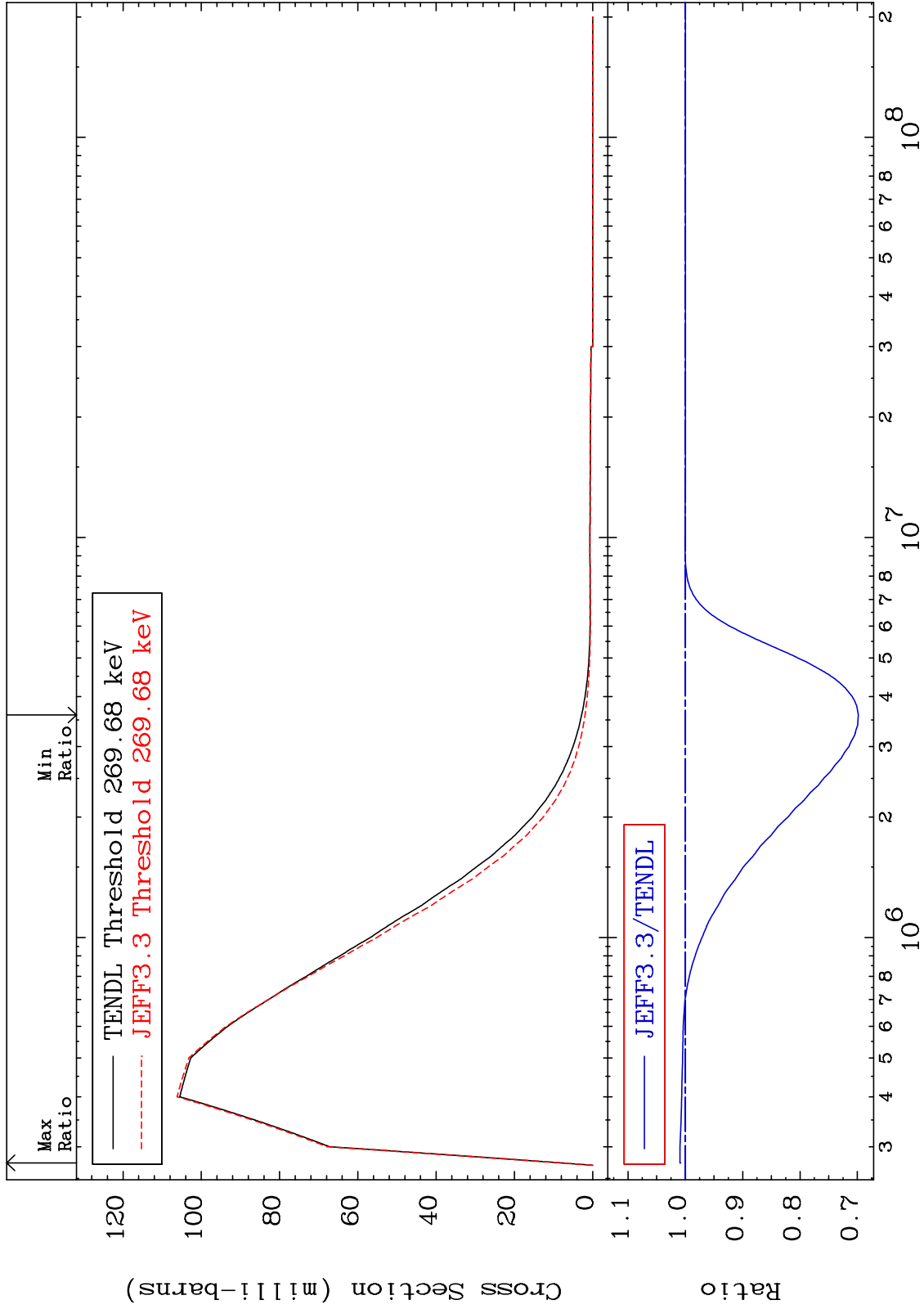




MAT 5528

MT= 63 (n,n') Level  
Cross Section

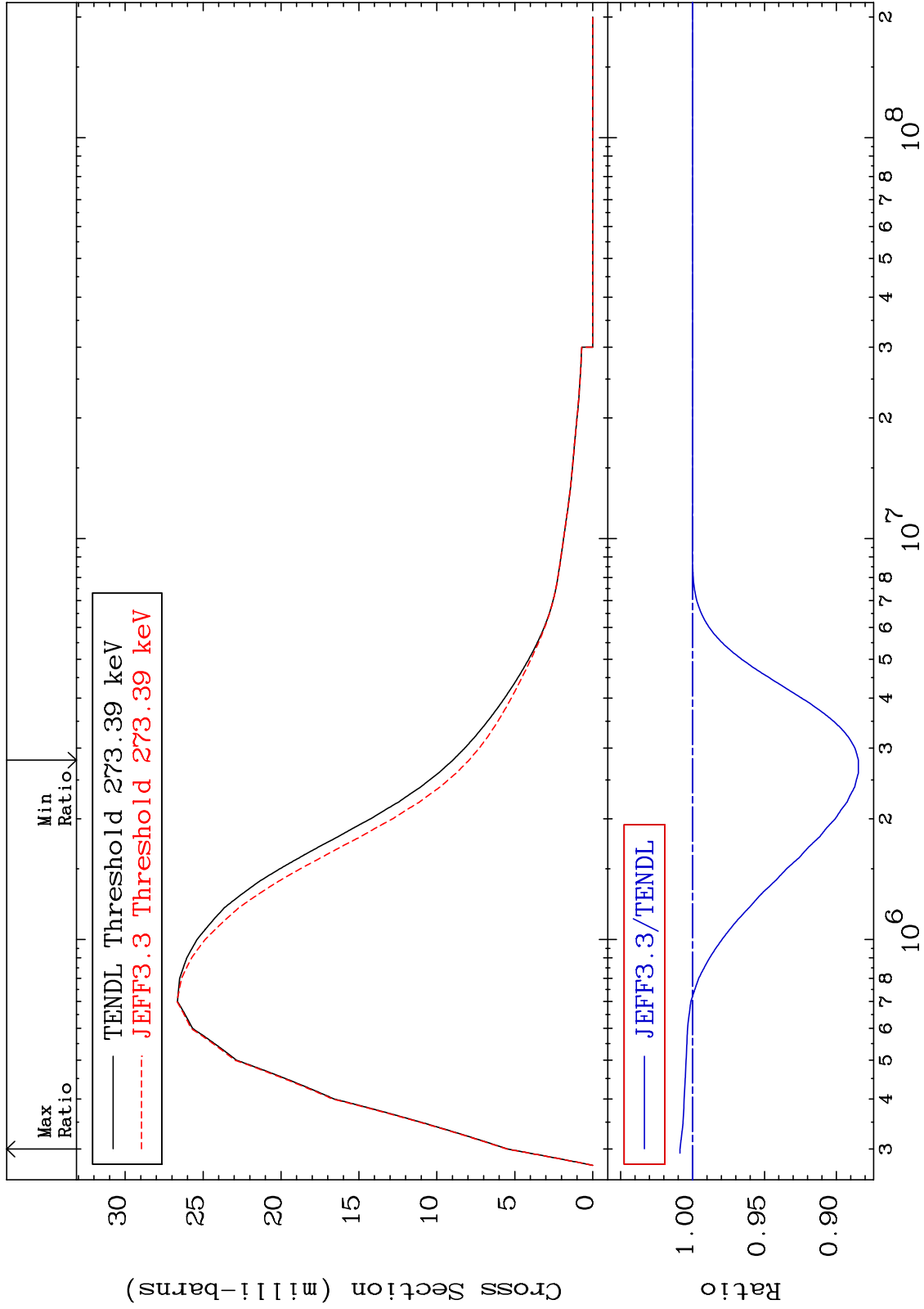
55-Cs-134  
-30.18 To 0.926 %



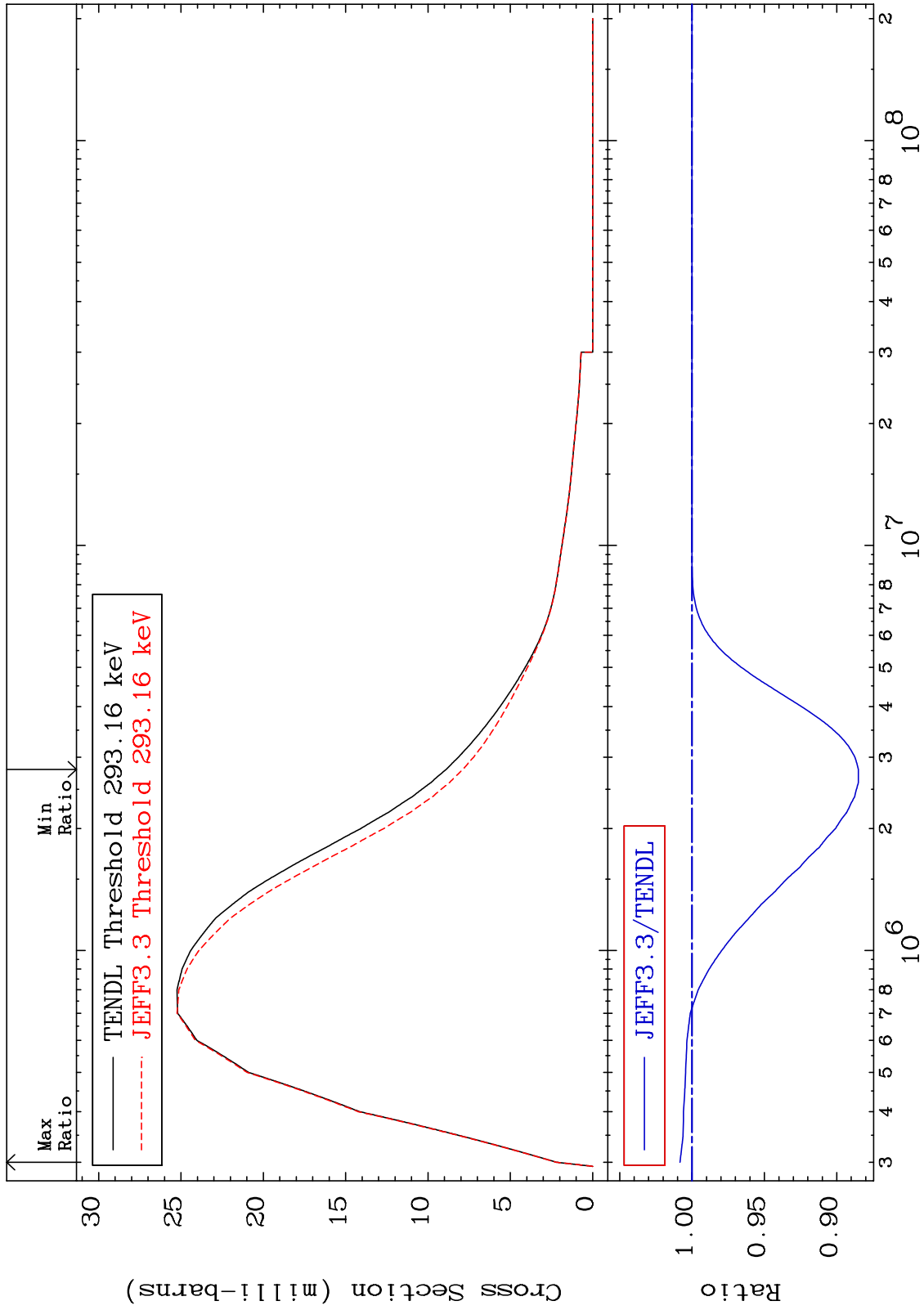
MAT 5528

MT= 64 (n,n') Level  
Cross Section

55-Cs-134  
-11.53 To 0.872 %



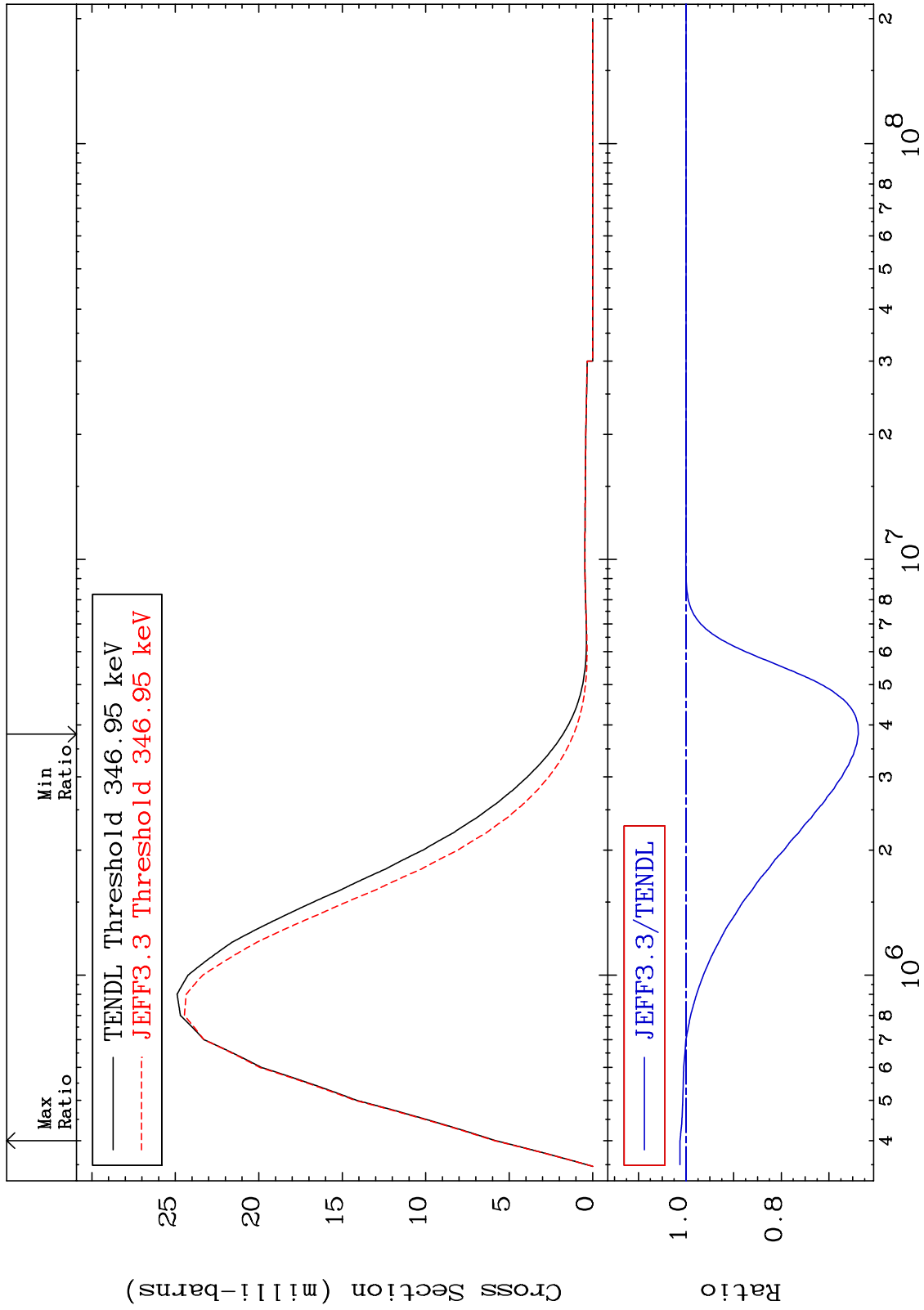
MAT 5528 MT= 65 (n,n') Level 55-Cs-134  
 Cross Section -11.50 To 0.831 %



MAT 5528

MT= 66 (n,n') Level  
Cross Section

55-Cs-134  
-36.18 To 1.265 %



35

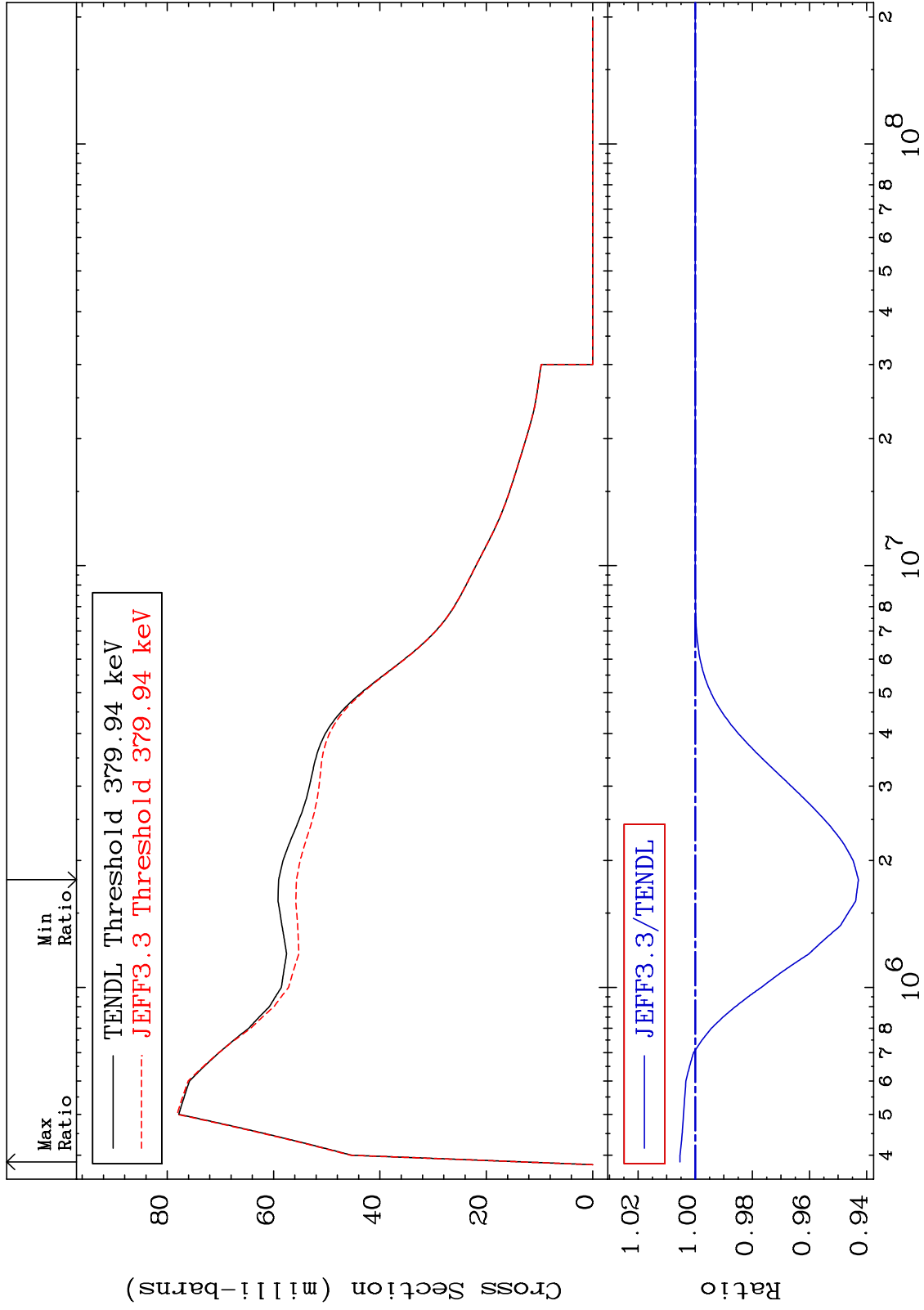
Incident Energy (eV)

55-Cs-134

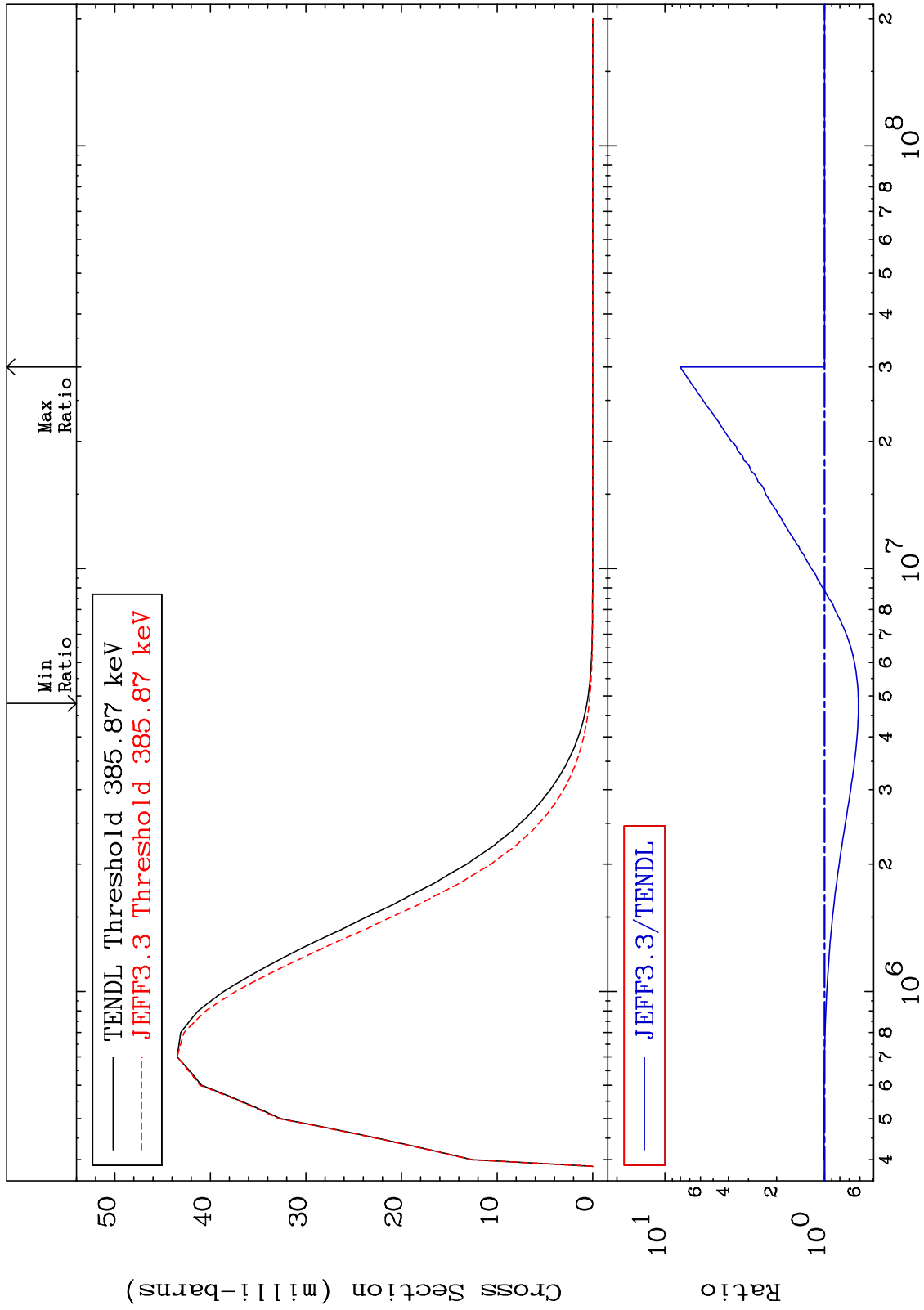
MAT 5528

MT= 67 (n,n') Level  
Cross Section

55-Cs-134  
-5.708 To 0.536 %

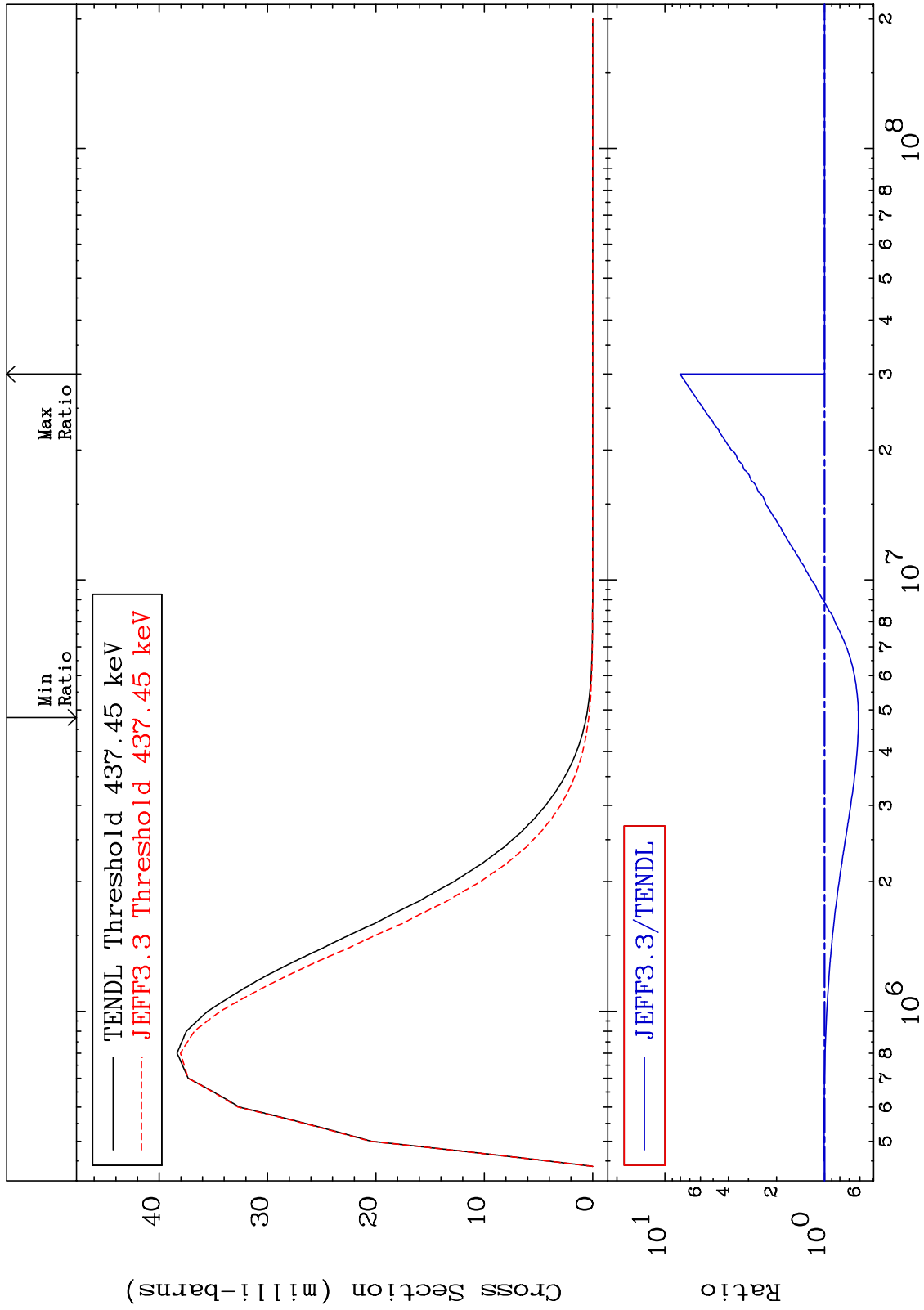


MAT 5528 MT= 68 (n,n') Level Cross Section 55-Cs-134 -38.74 To 705.1 %



37 Incident Energy (eV) 55-Cs-134

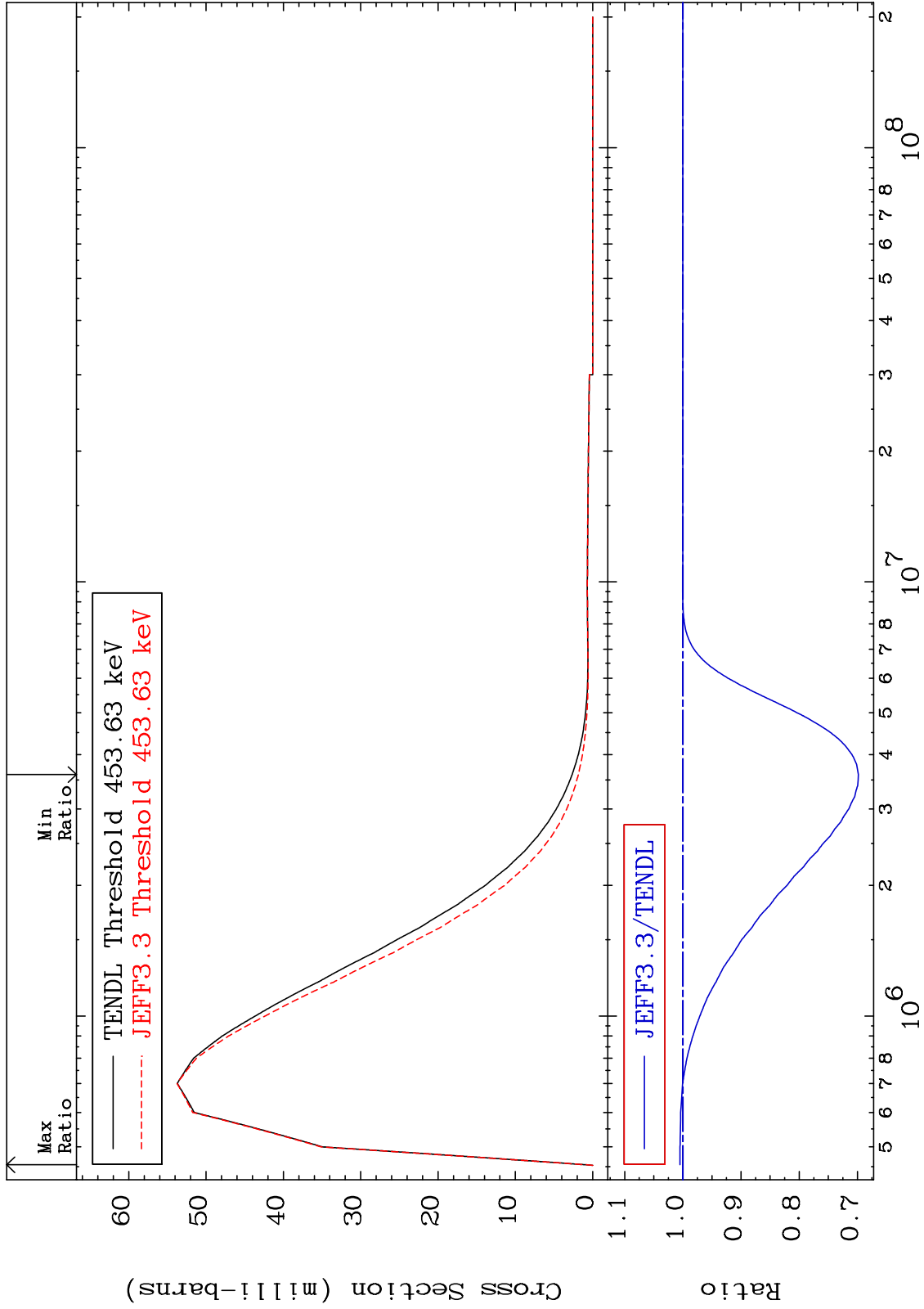
MAT 5528 MT= 69 (n,n') Level Cross Section 55-Cs-134  
 -38.75 To 705.2 %



MAT 5528

MT= 70 (n,n') Level  
Cross Section

55-Cs-134  
-30.17 To 0.487 %

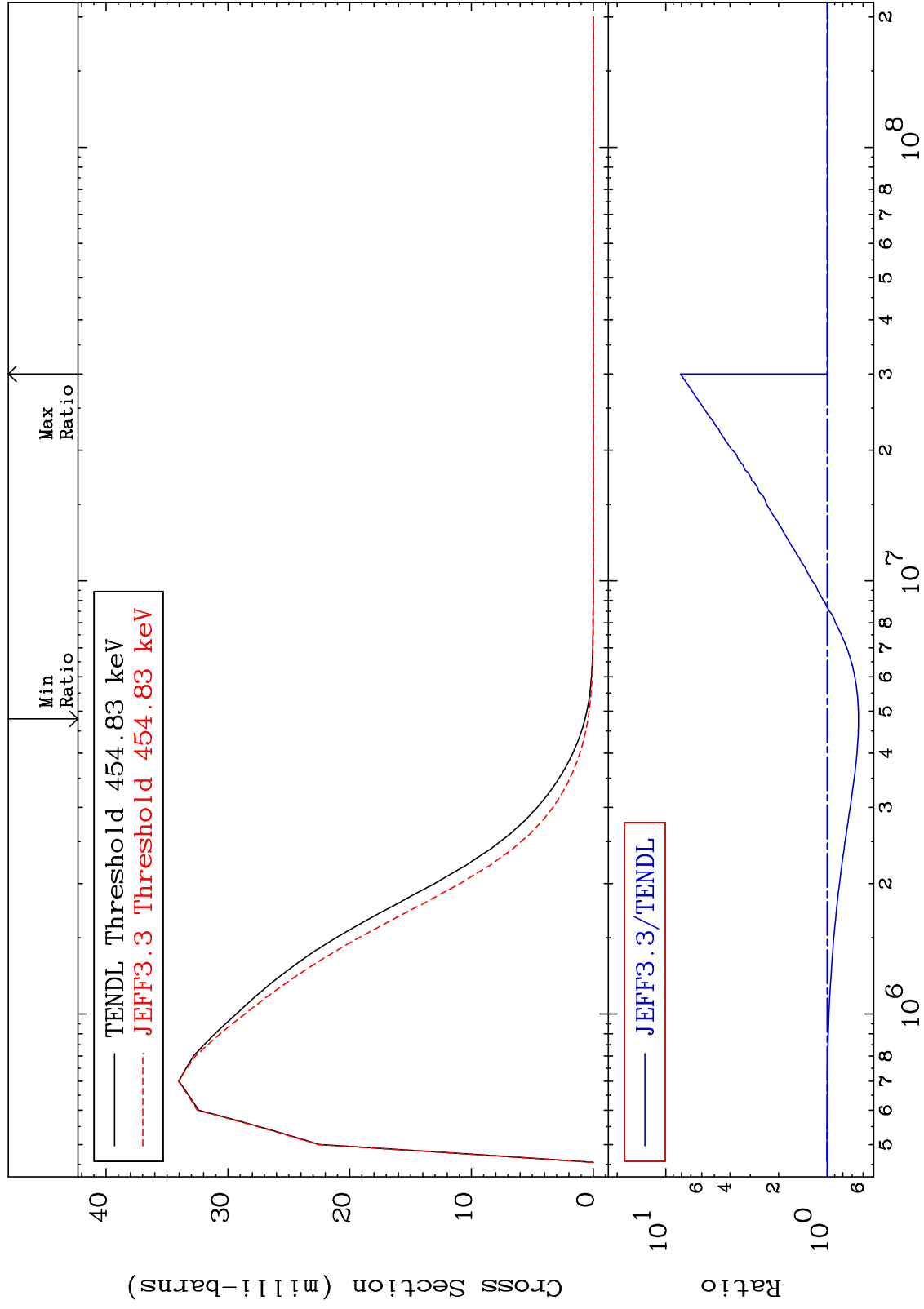




MAT 5528

MT= 71 (n,n') Level  
Cross Section

55-Cs-134  
-35.98 To 712.1 %

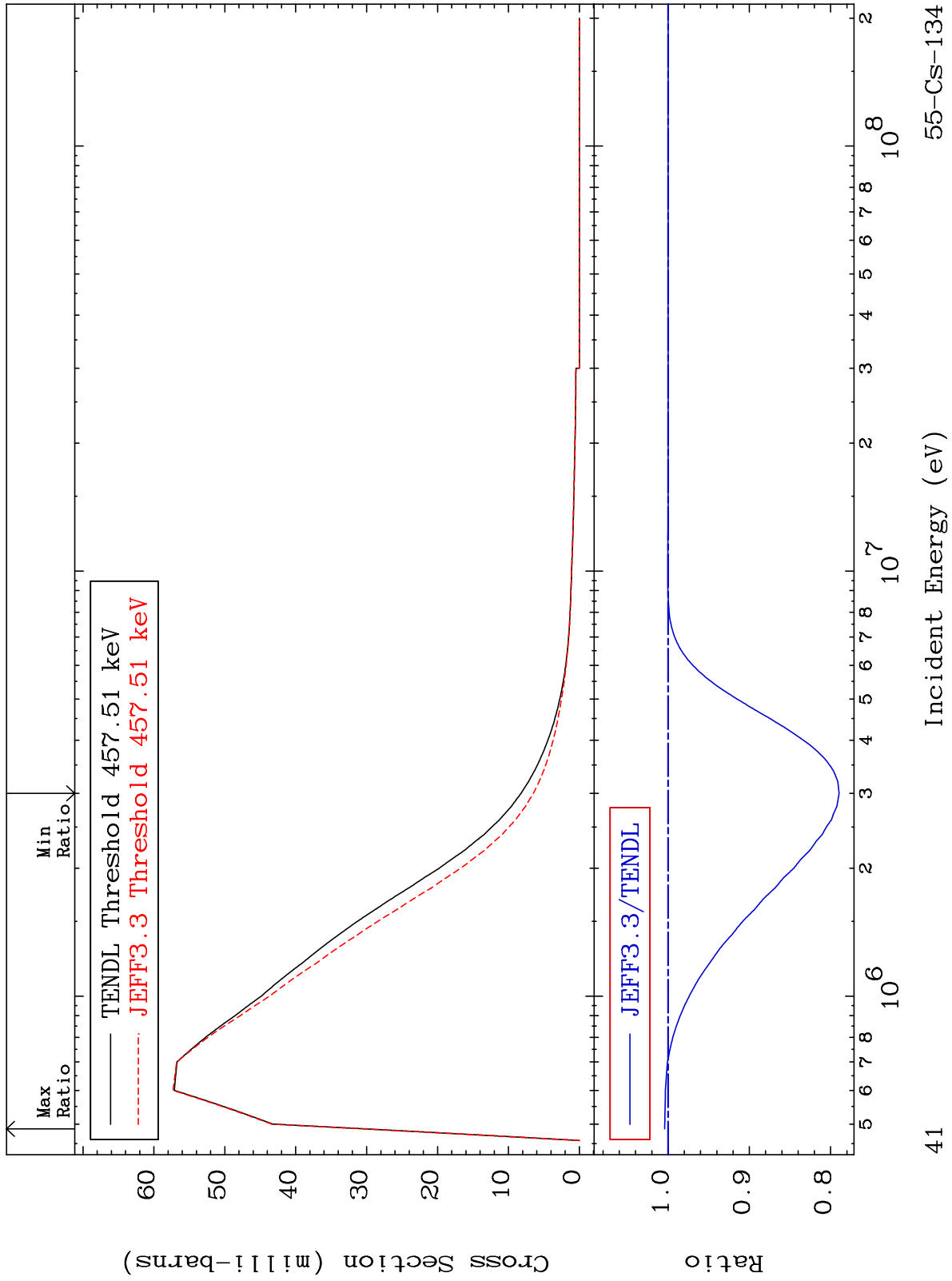


40

Incident Energy (eV)

55-Cs-134

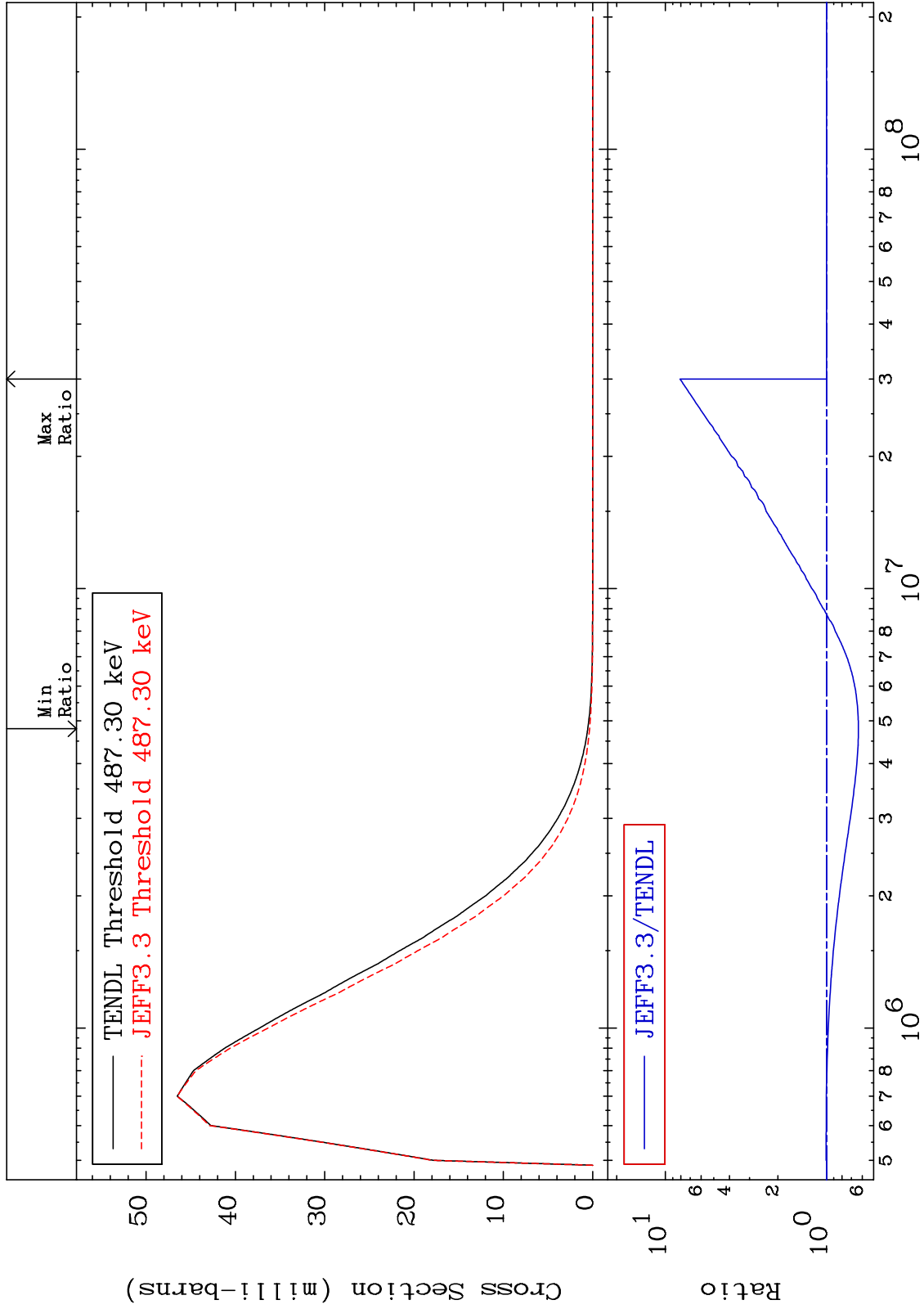
MAT 5528 MT= 72 (n,n') Level 55-Cs-134  
 Cross Section -21.04 To 0.407 %



MAT 5528

MT= 73 (n,n') Level  
Cross Section

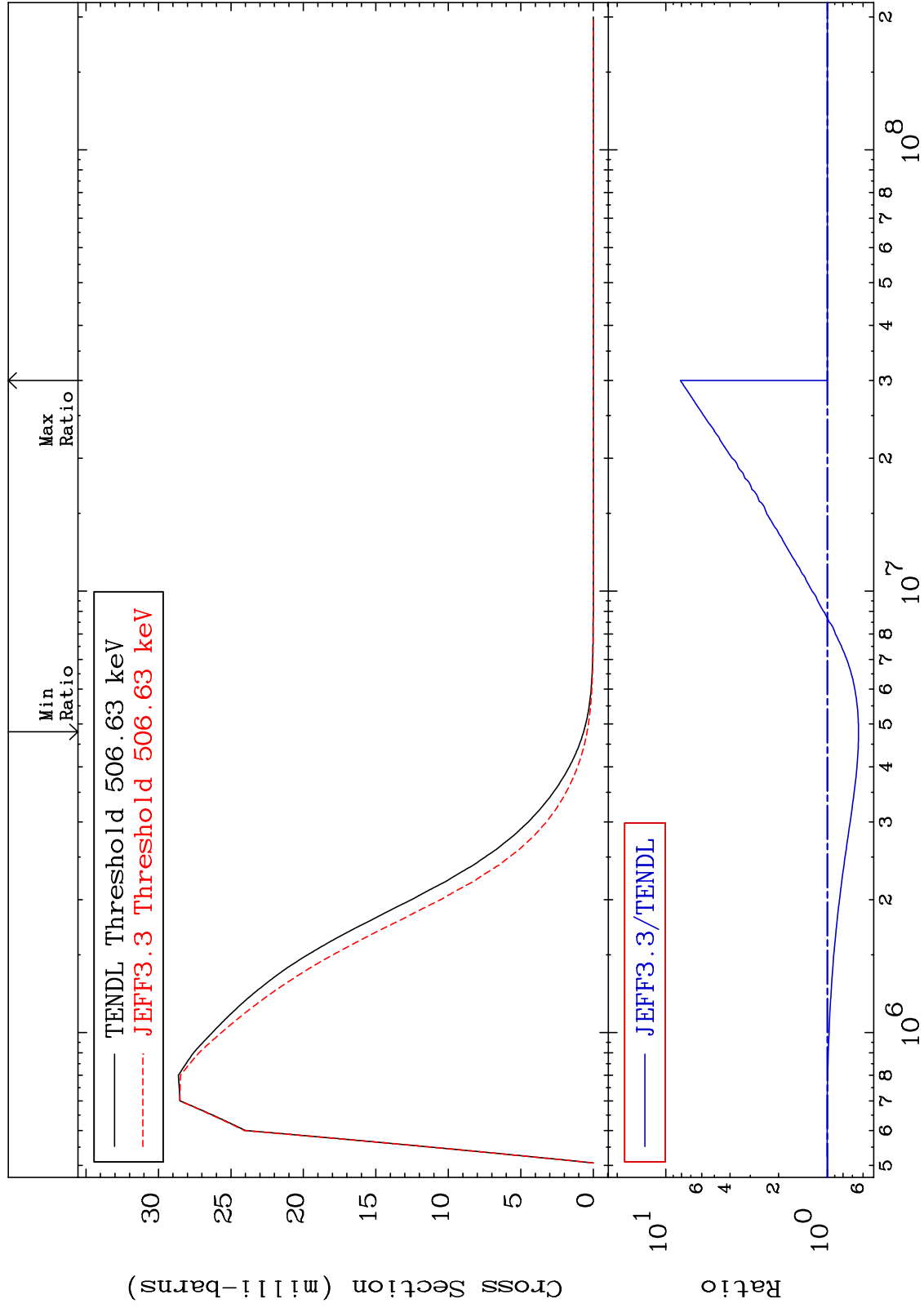
55-Cs-134  
-36.66 To 710.3 %



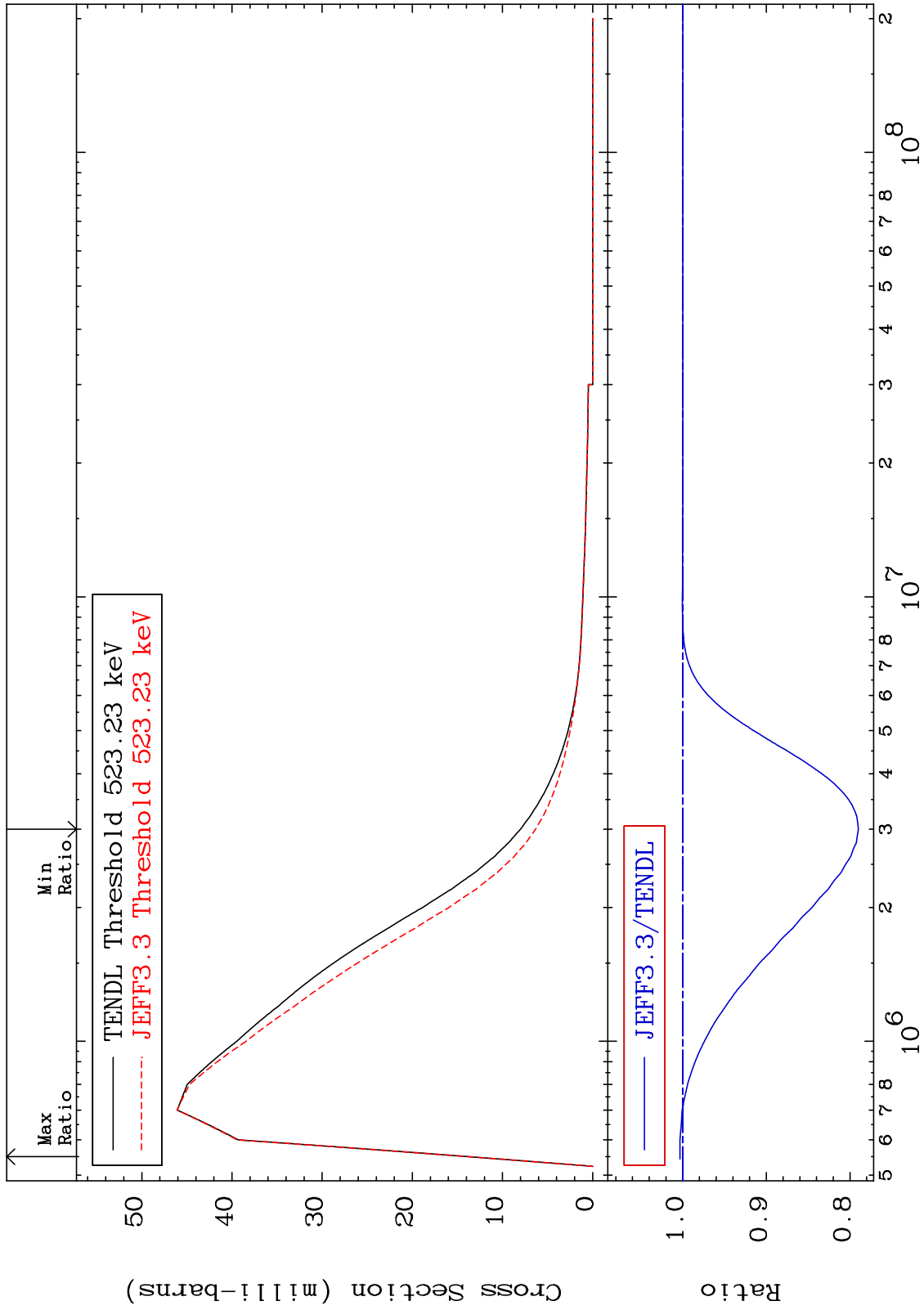
MAT 5528

MT= 74 (n,n') Level  
Cross Section

55-Cs-134  
-35.97 To 712.1 %



MAT 5528 MT= 75 (n,n') Level Cross Section 55-Cs-134 -21.00 To 0.319 %



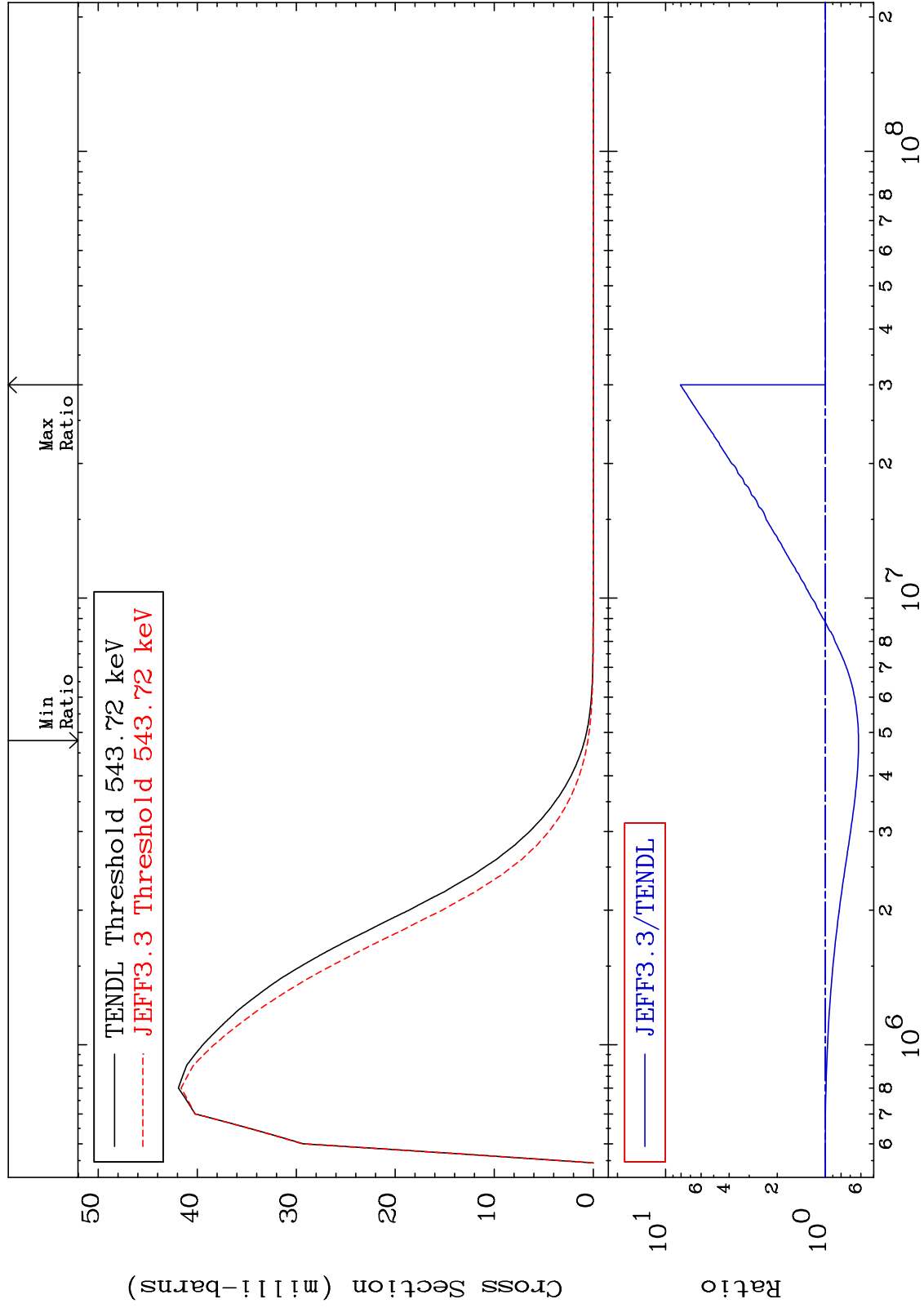
55-Cs-134

Incident Energy (eV)

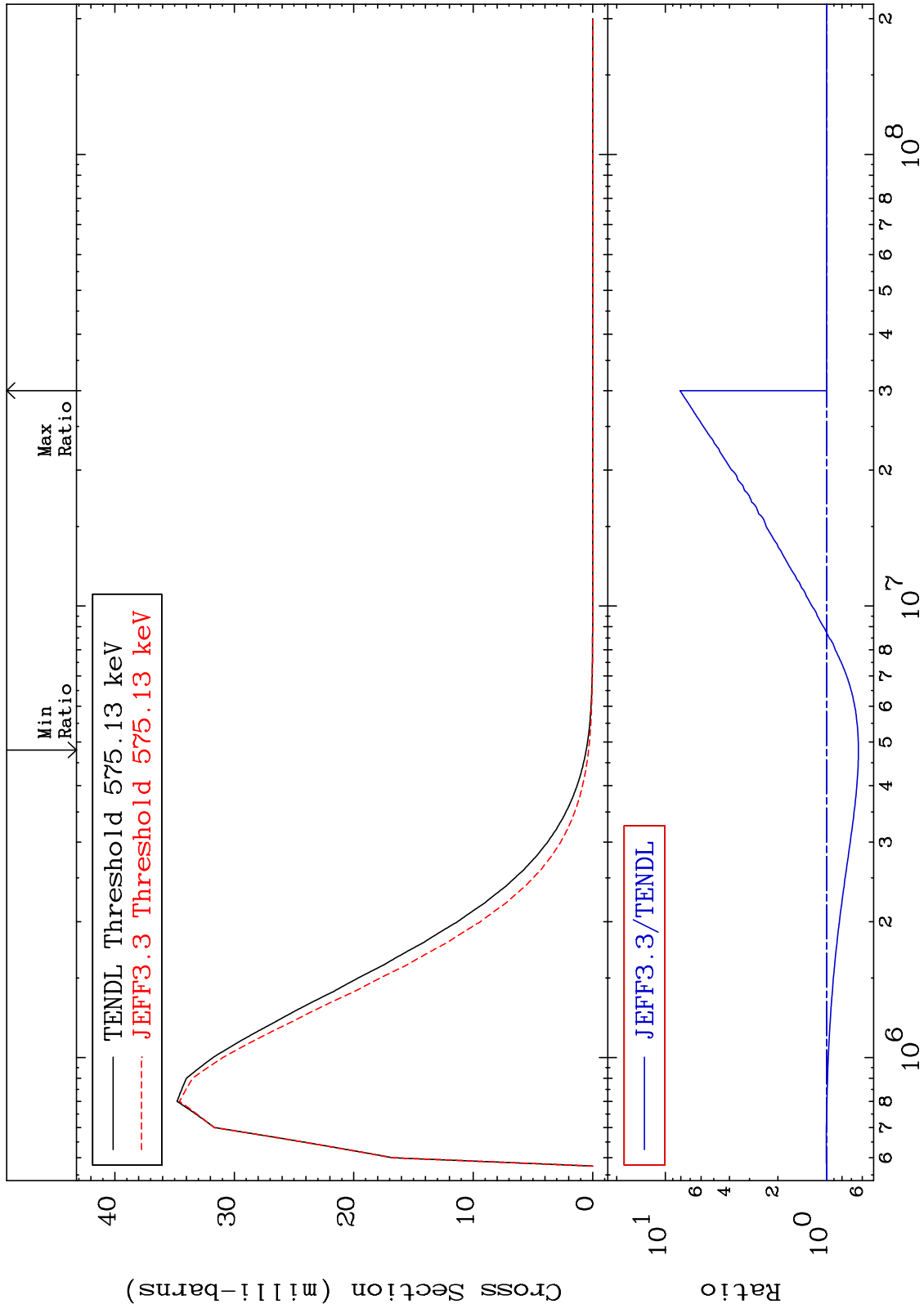
MAT 5528

MT= 76 (n,n') Level  
Cross Section

55-Cs-134  
-37.87 To 707.8 %

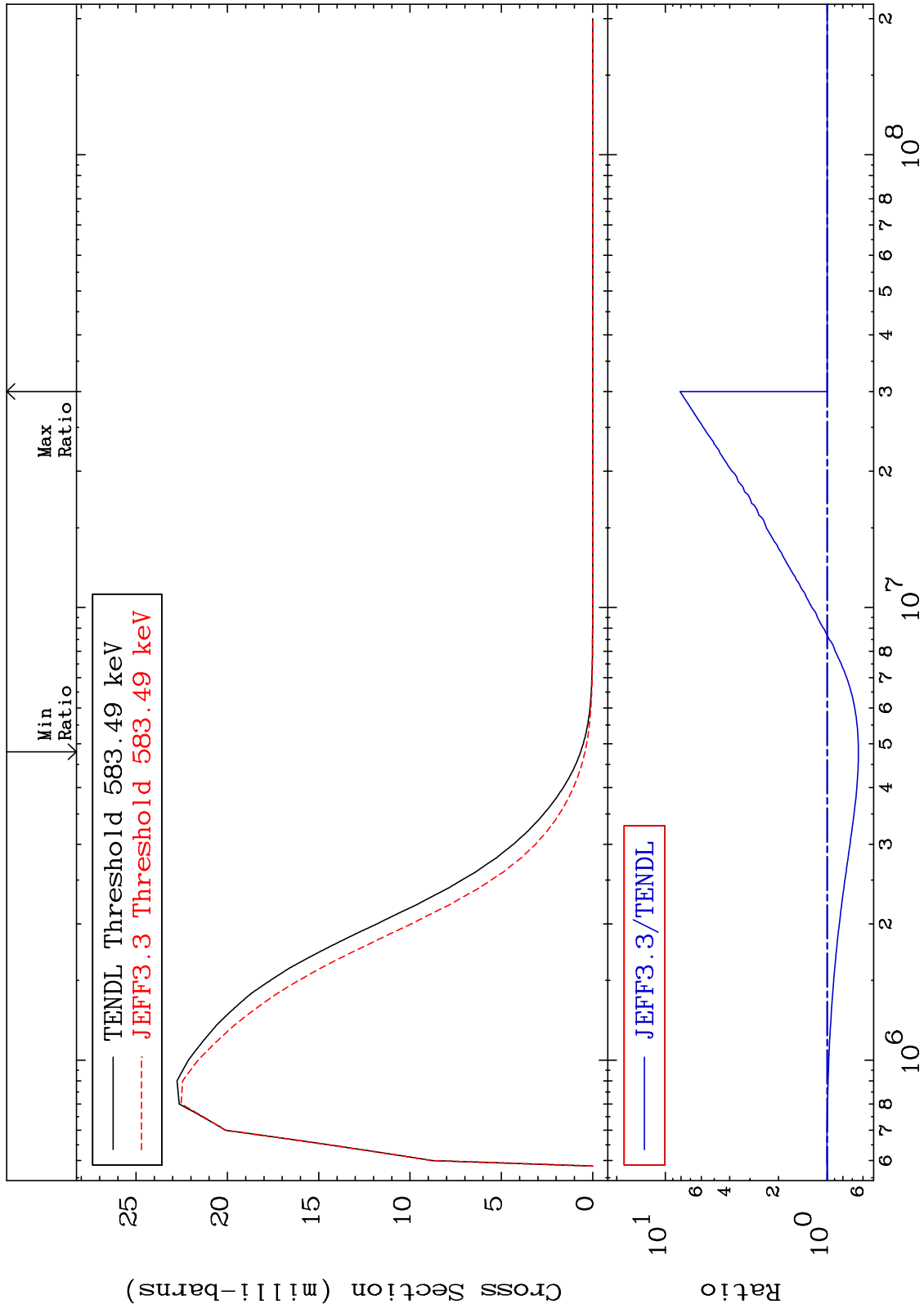


MAT 5528 MT= 77 (n,n') Level Cross Section 55-Cs-134 -36.65 To 710.3 %



46 55-Cs-134

MAT 5528 MT= 78 (n,n') Level Cross Section 55-Cs-134 -35.96 To 712.2 %

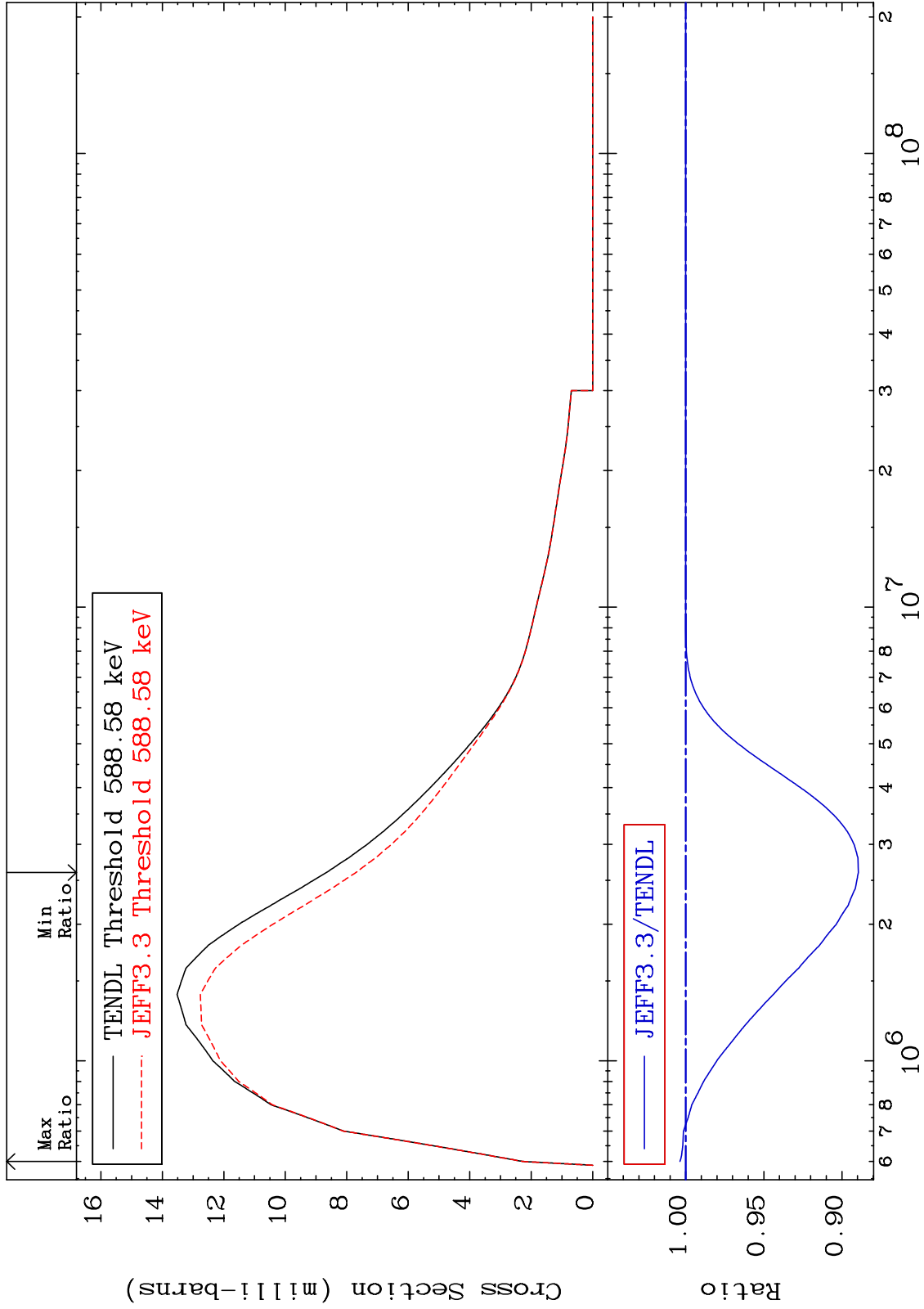




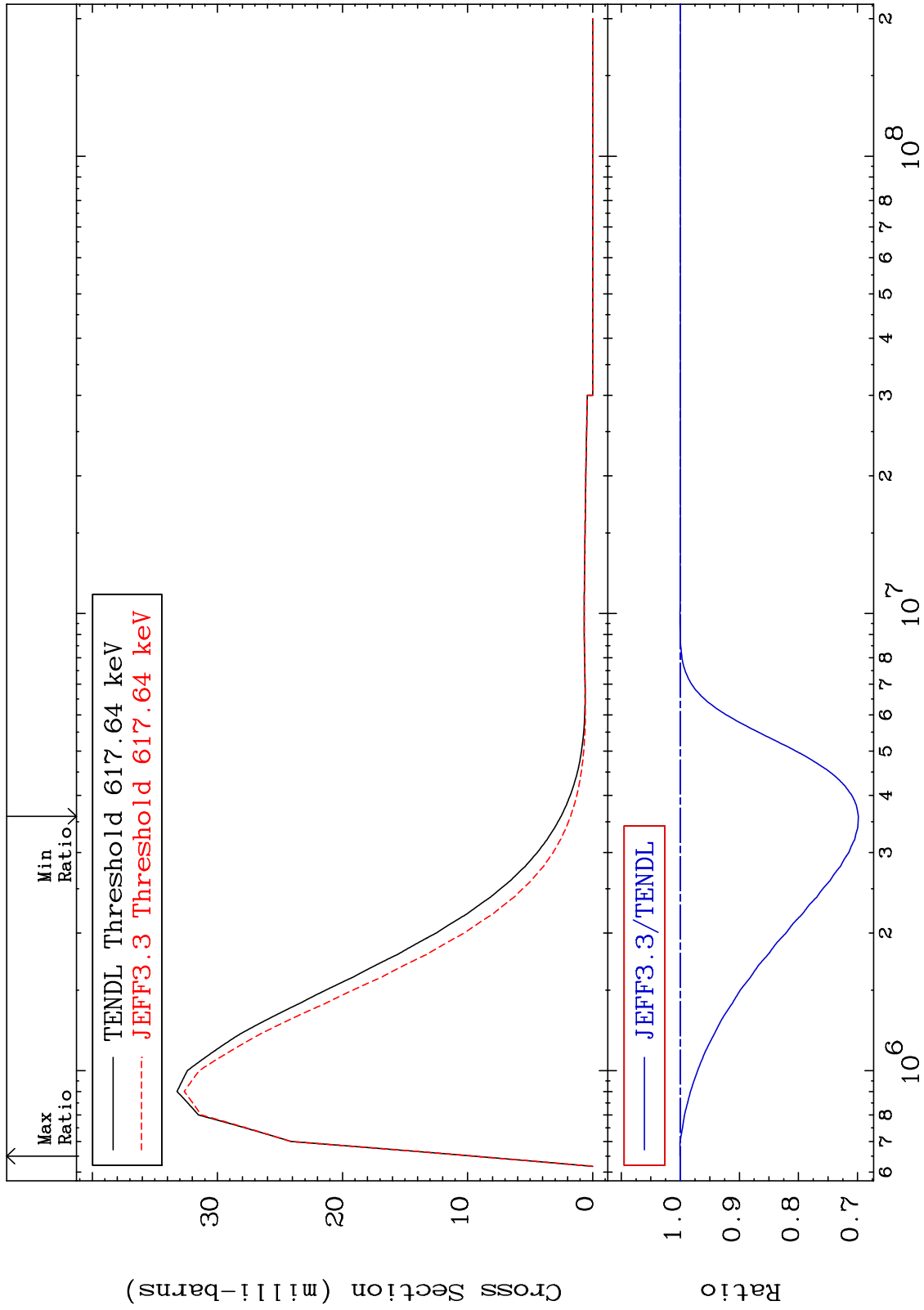
MAT 5528

MT= 79 (n,n') Level  
Cross Section

55-Cs-134  
-11.05 To 0.364 %



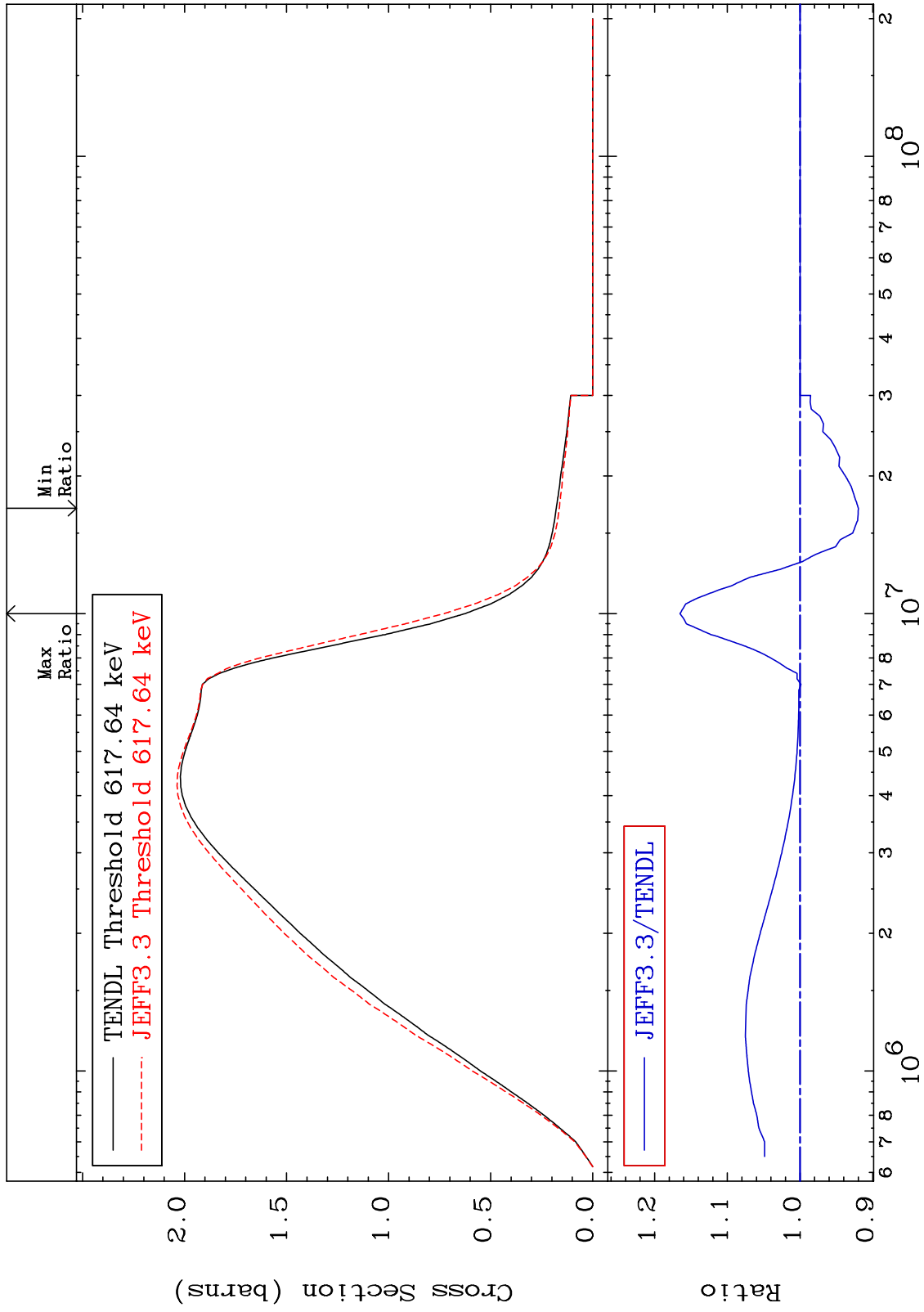
MAT 5528 MT= 80 (n,n') Level  
Cross Section 55-Cs-134  
-30.15 To 0.050 %



MAT 5528

(n, n') Continuum  
Cross Section

55-Cs-134  
-8.020 To 16.51 %



50

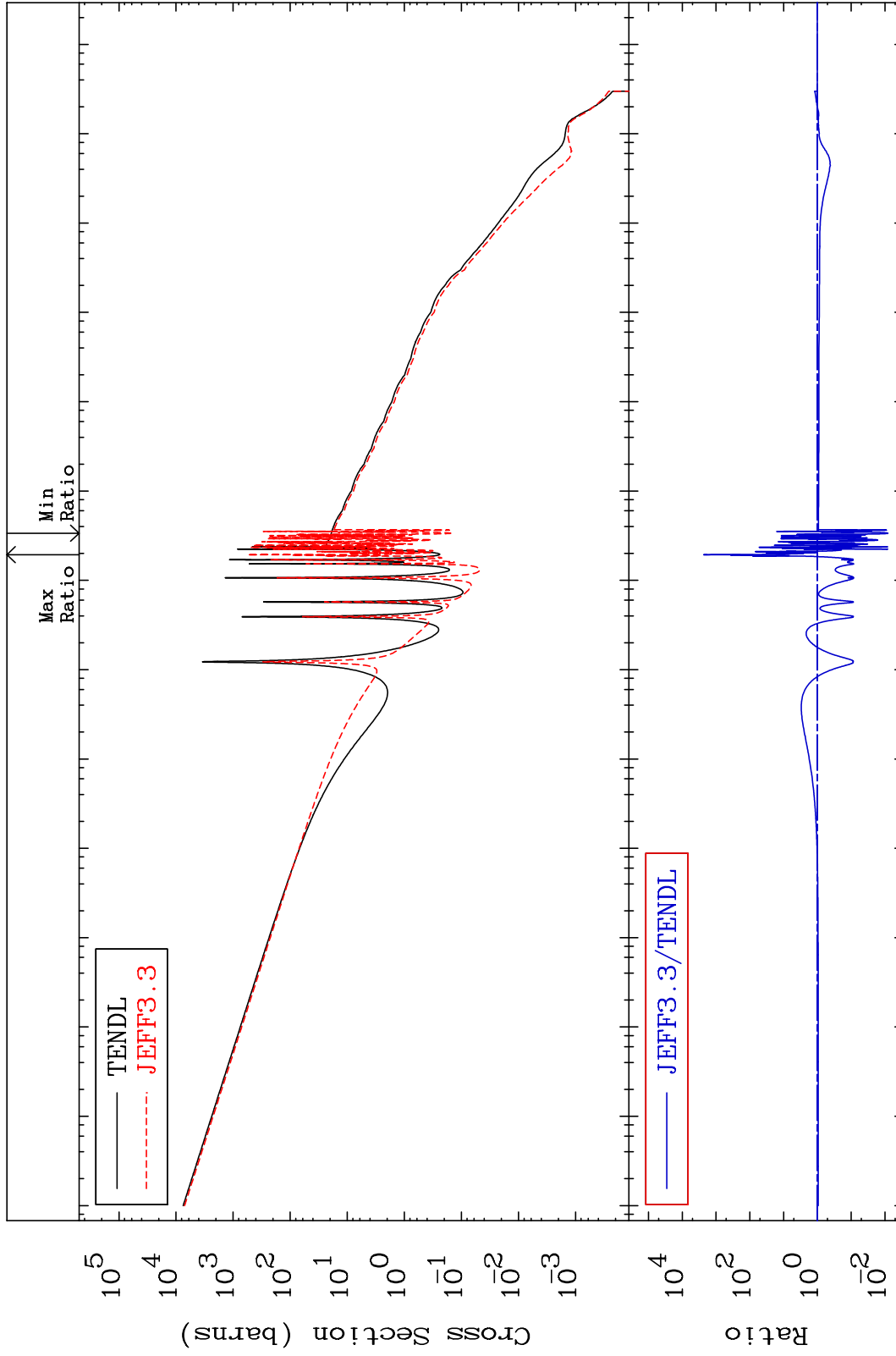
Incident Energy (eV)

55-Cs-134

MAT 5528

(n,  $\gamma$ )  
Cross Section

55-Cs-134  
-99.20 To 9999. %



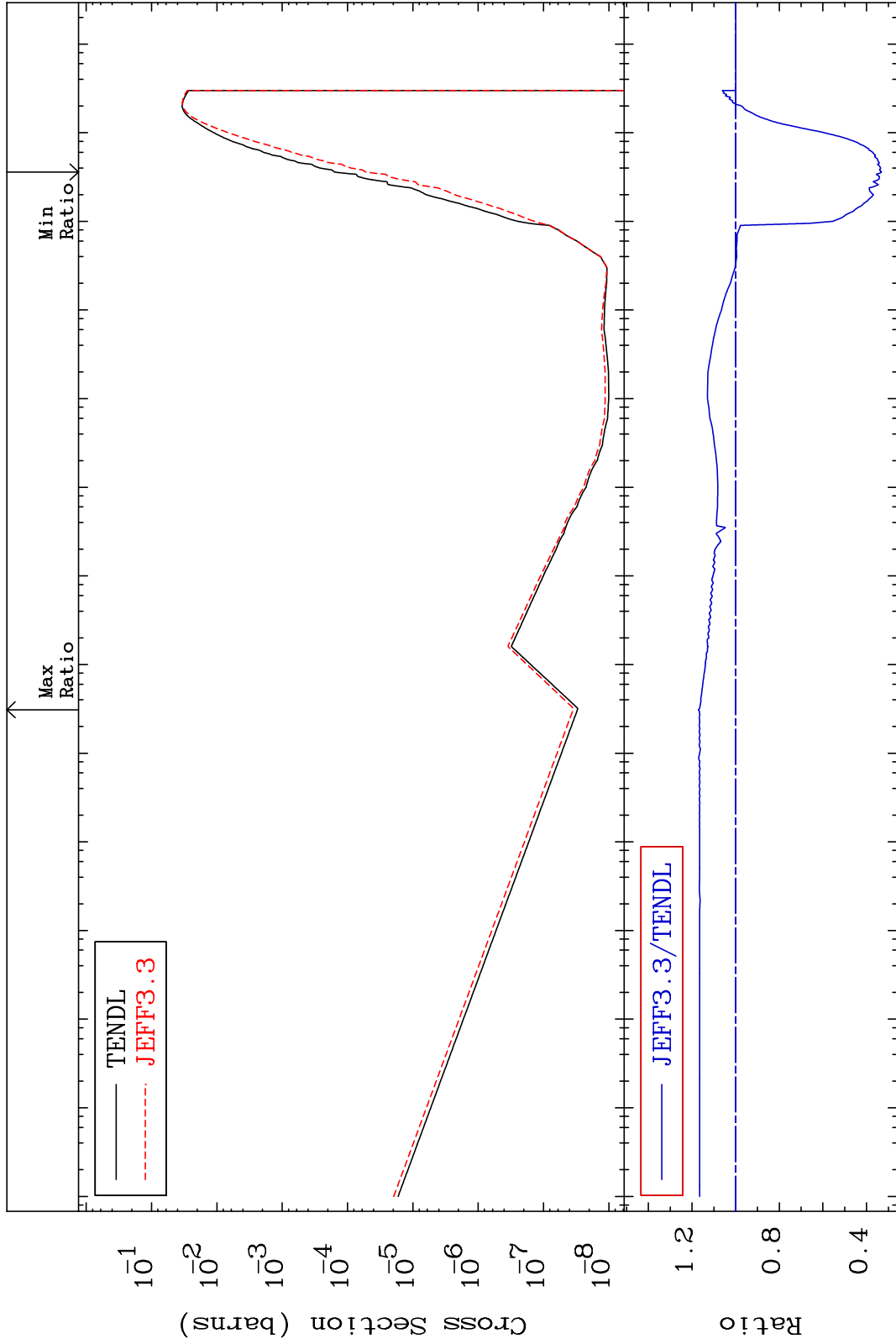
MAT 5528

(n,p)

55-Cs-134

Cross Section

-66.89 To 17.11 %



52

55-Cs-134

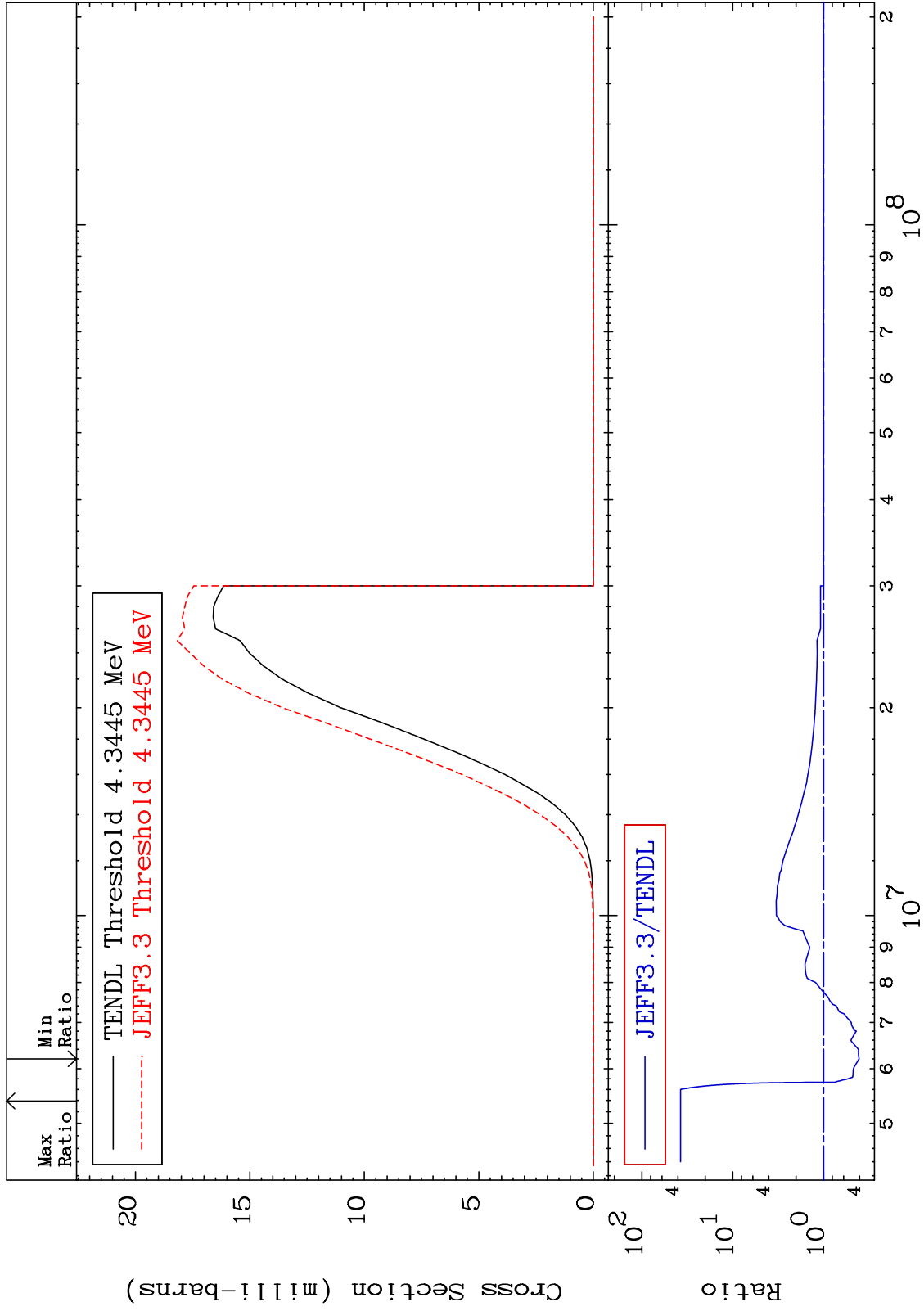
MAT 5528

(n, d)

55-Cs-134

Cross Section

-59.53 To 3640. %



53

55-Cs-134

Incident Energy (eV)

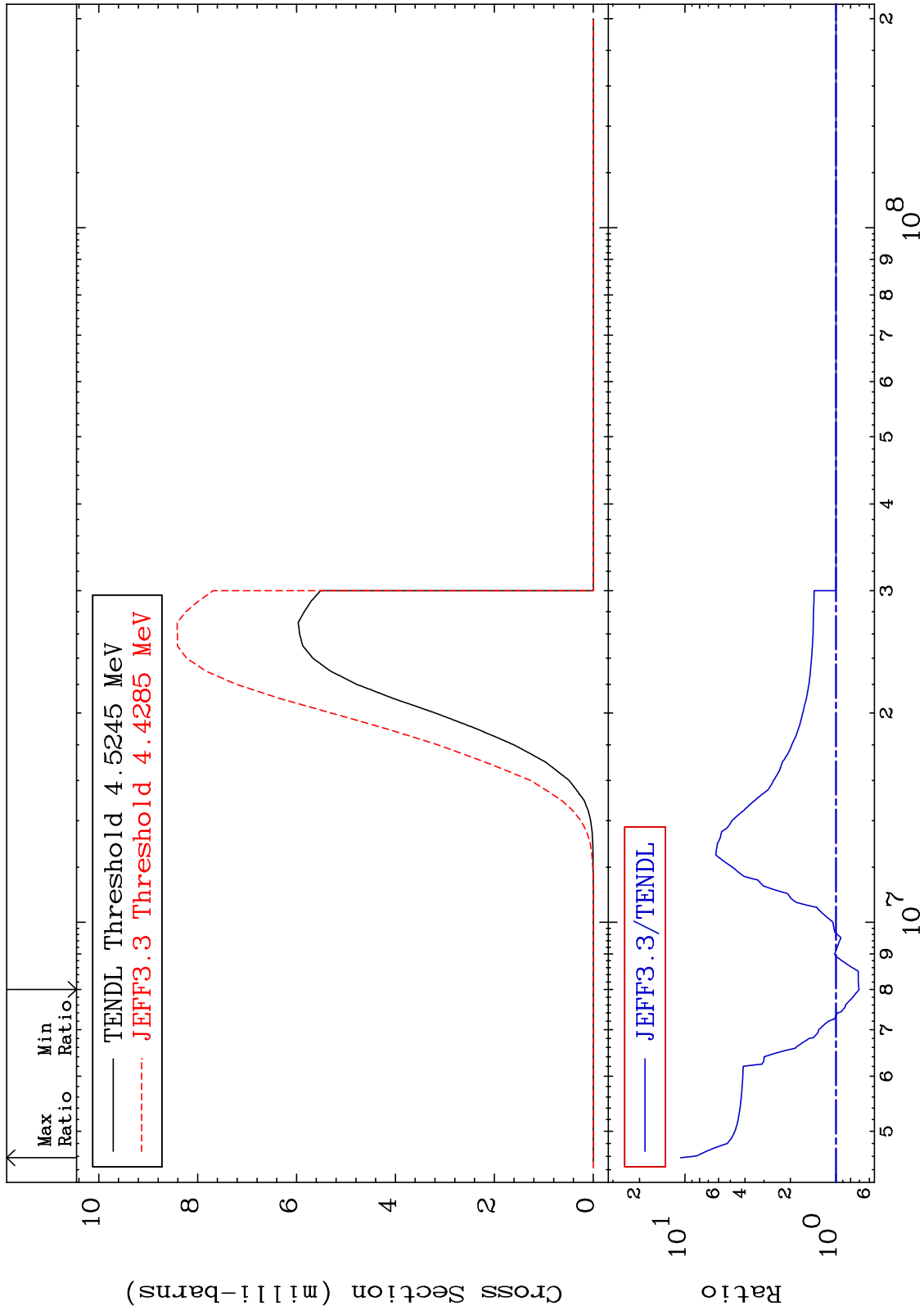
MAT 5528

(n, t)

55-Cs-134

Cross Section

-29.89 To 968.8 %



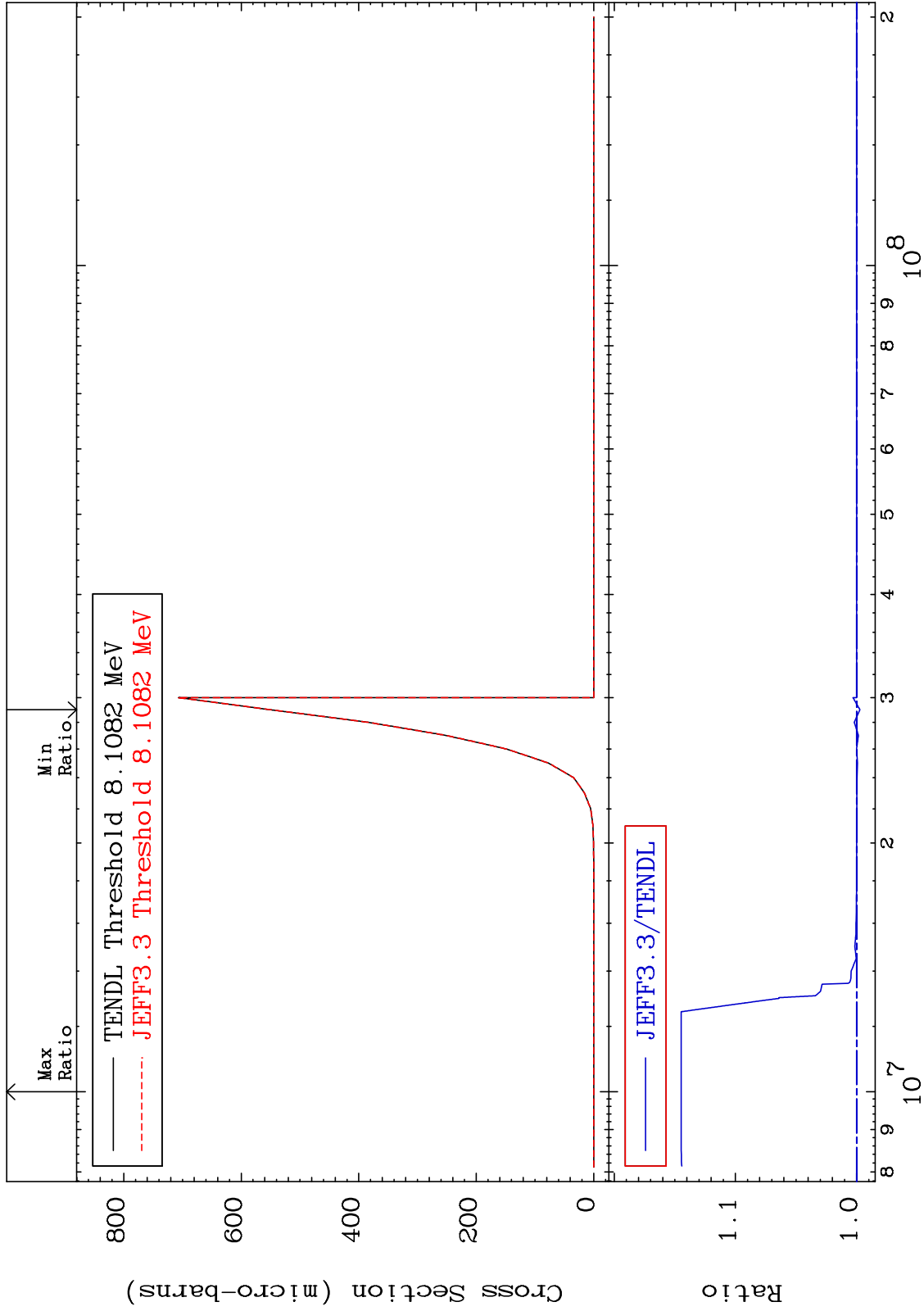
MAT 5528

(n, He-3)

55-Cs-134

Cross Section

-0.273 To 14.47 %



55

Incident Energy (eV)

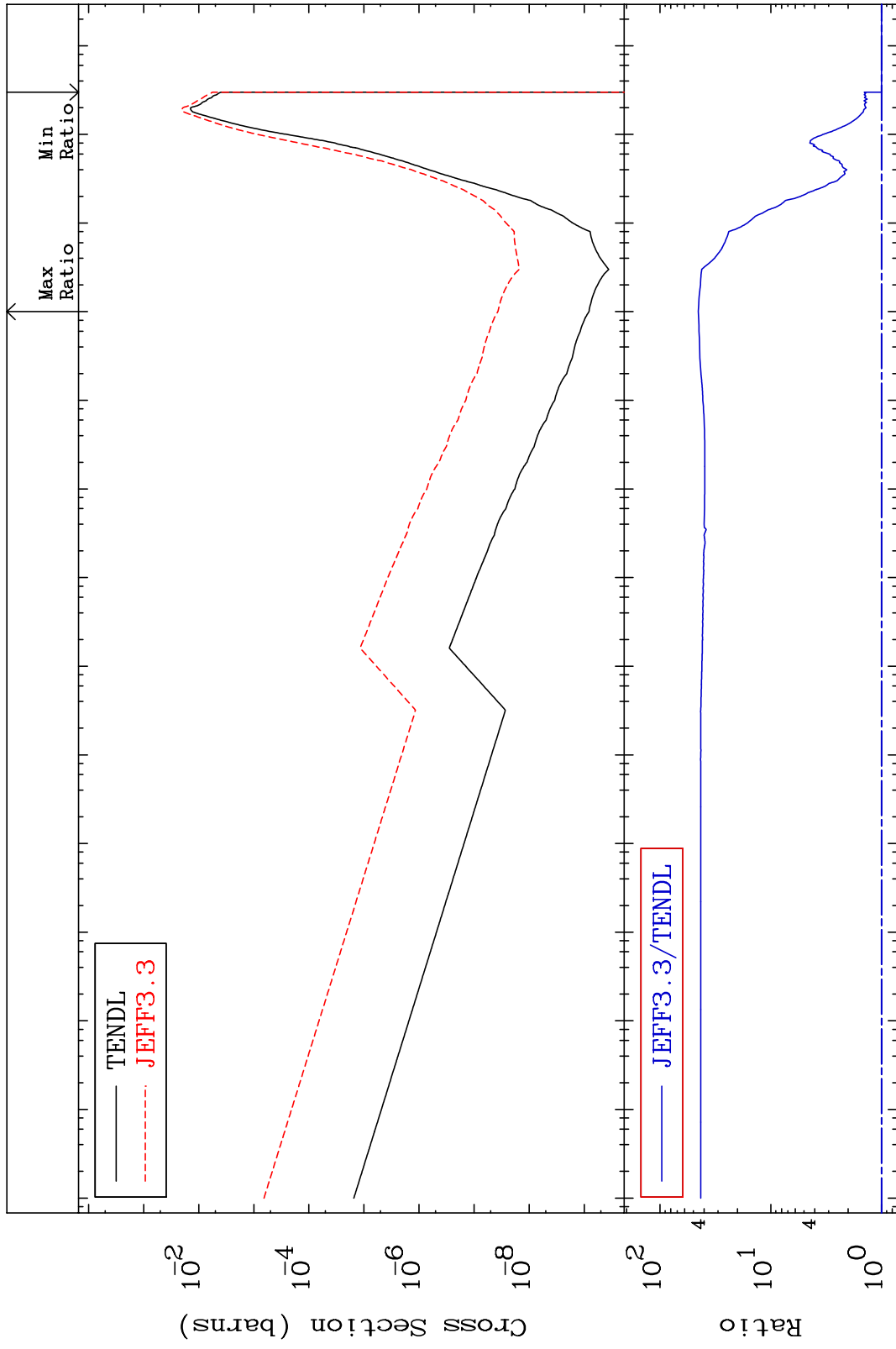
55-Cs-134



MAT 5528

(n,  $\alpha$ )  
Cross Section

55-Cs-134  
0.000 To 4404. %



55-Cs-134

Incident Energy (eV)

56

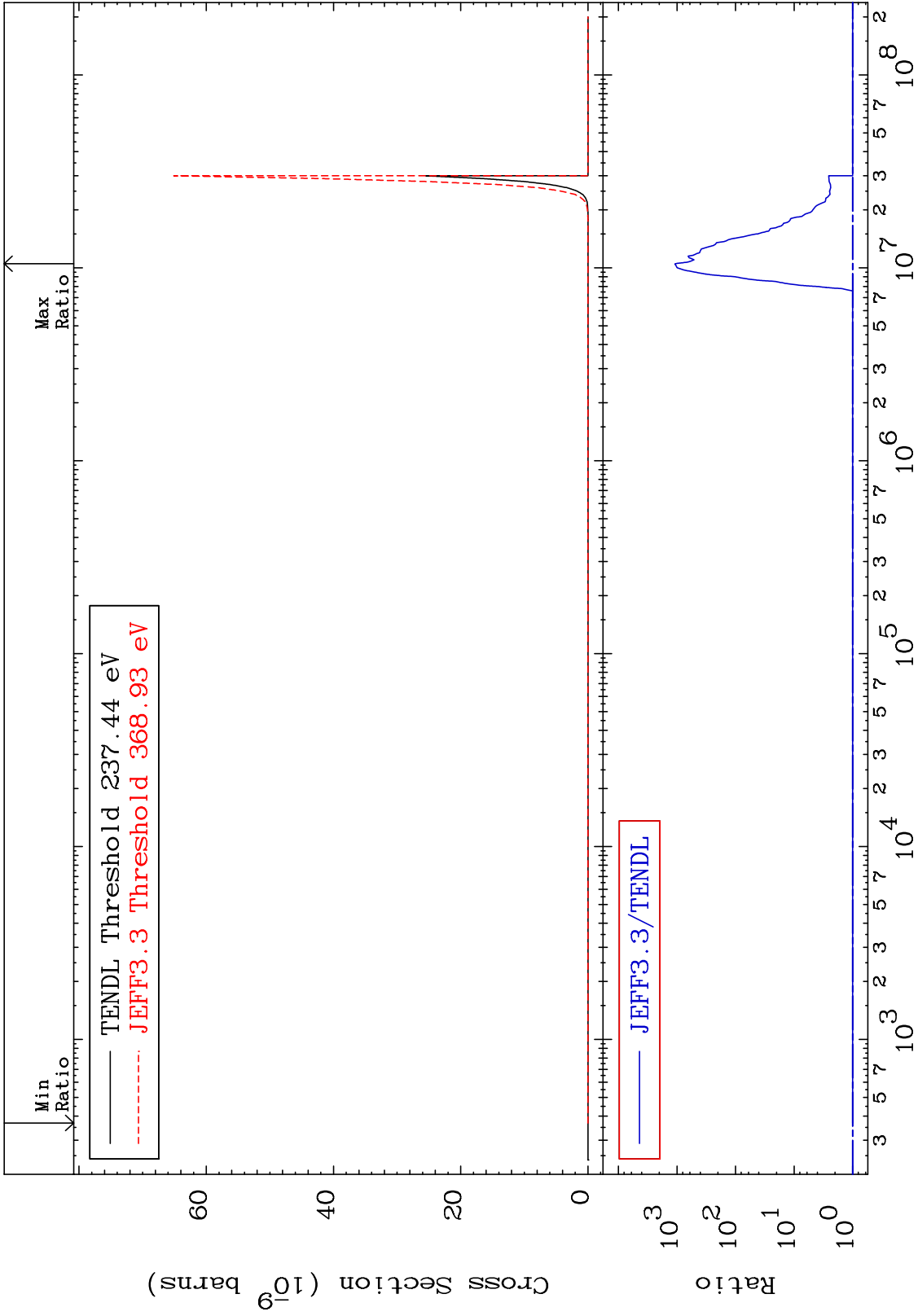
MAT 5528

(n,2α)

55-Cs-134

Cross Section

0.000 To 9999. %



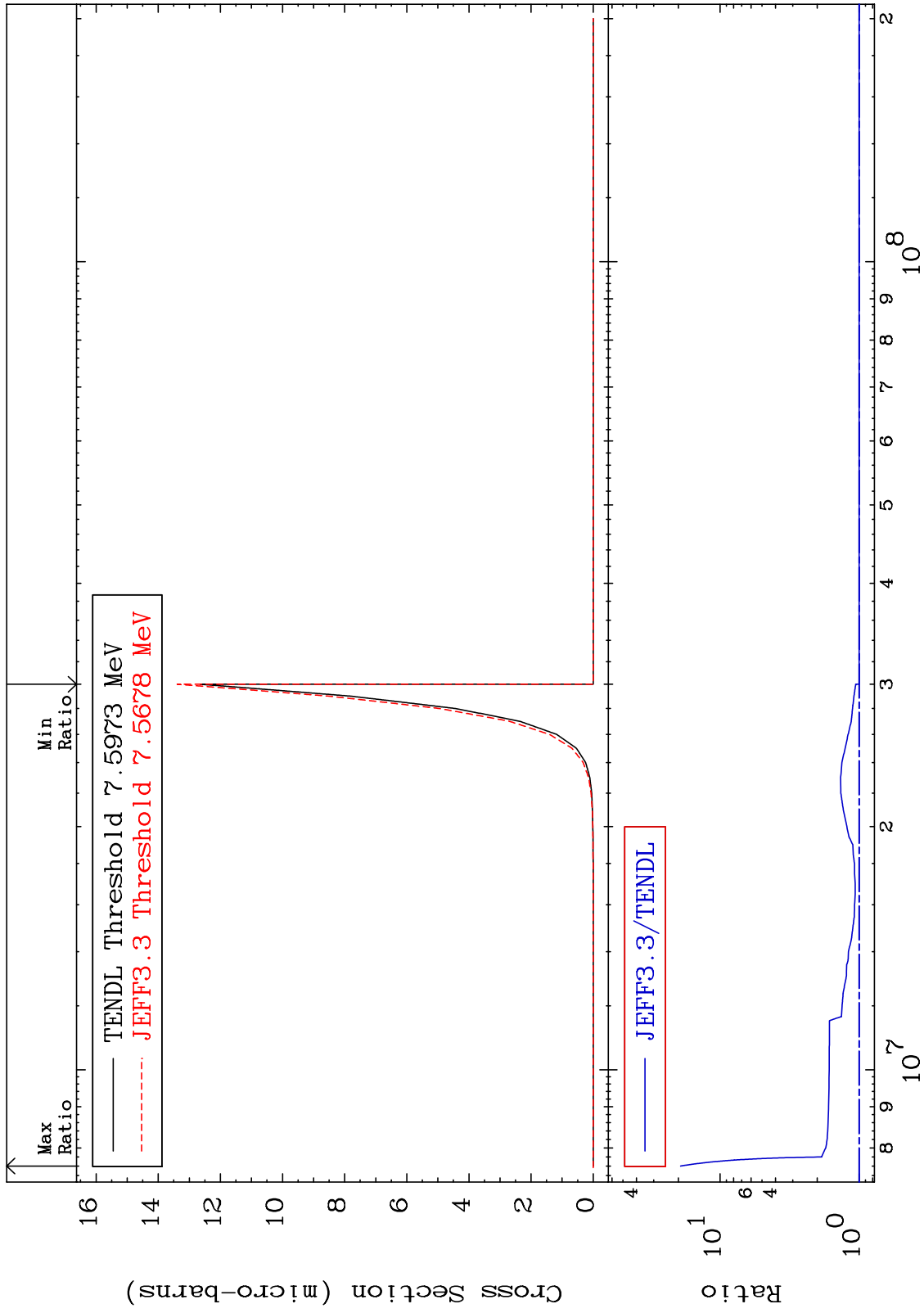
MAT 5528

(n,2p)

55-Cs-134

0.000 To 1823. %

Cross Section



58

Incident Energy (eV)

55-Cs-134

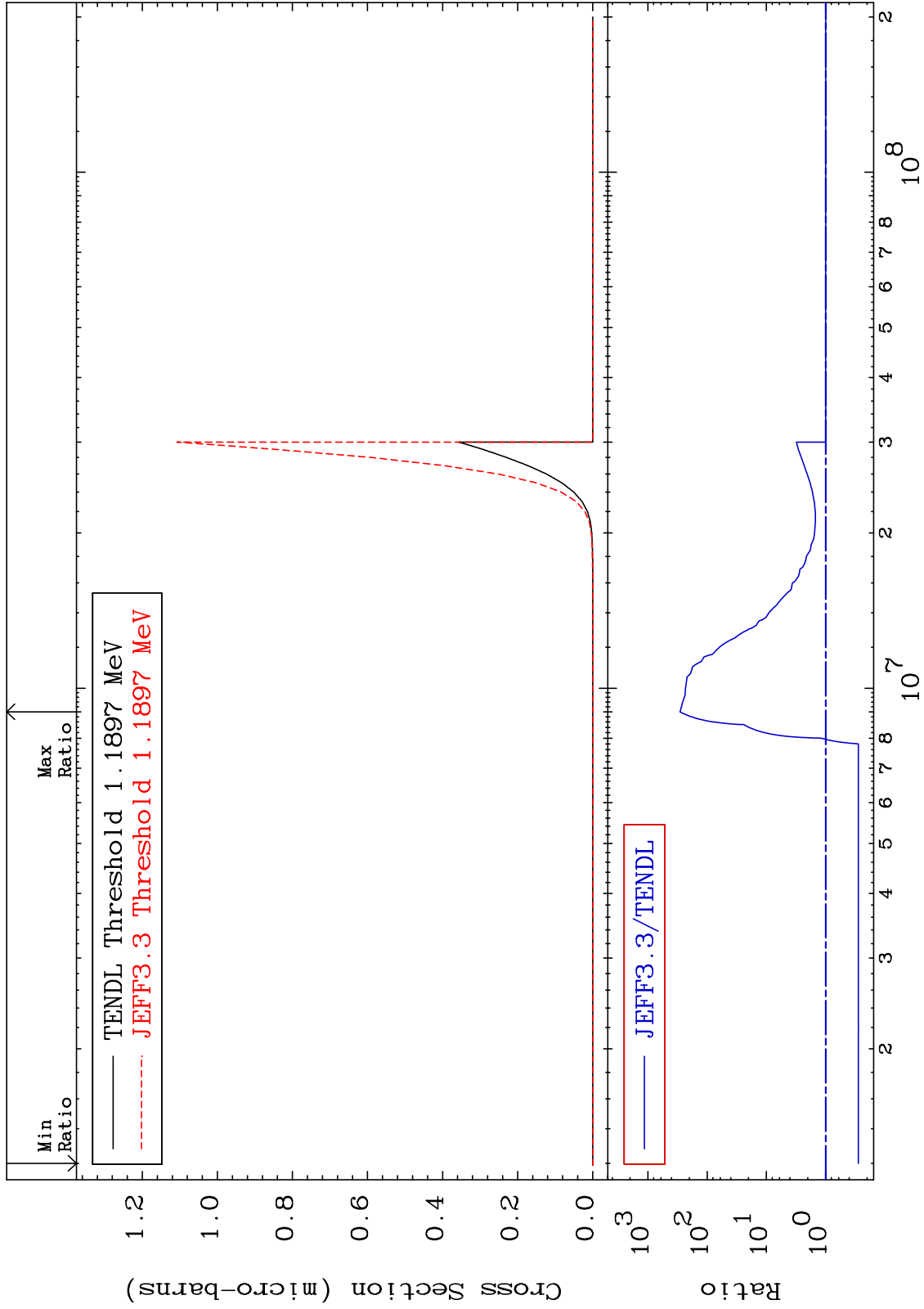
MAT 5528

(n,p)  $\alpha$

55-Cs-134

-72.07 To 9999. %

Cross Section



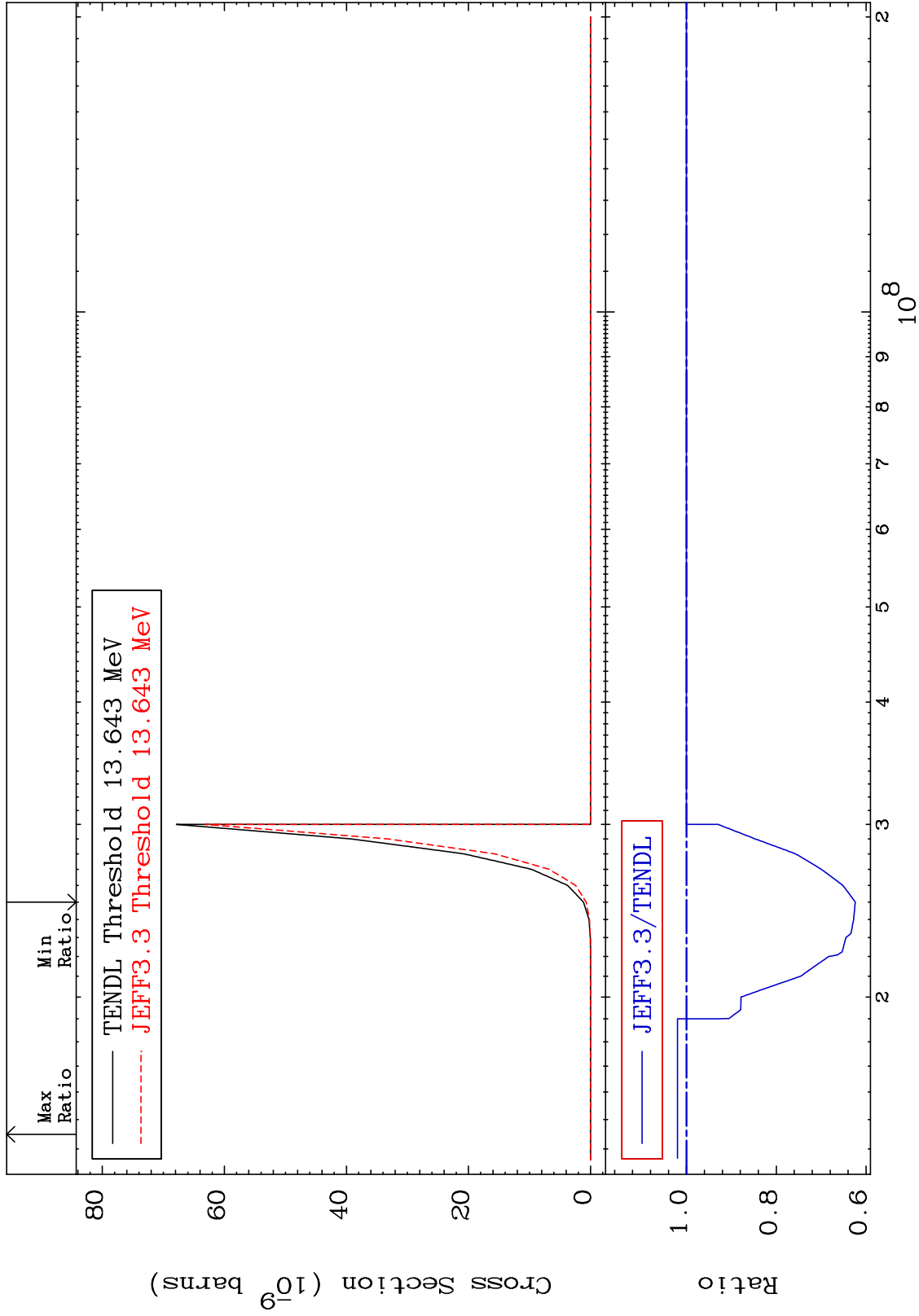
MAT 5528

(n,p) d

55-Cs-134

Cross Section

-37.59 To 1.989 %

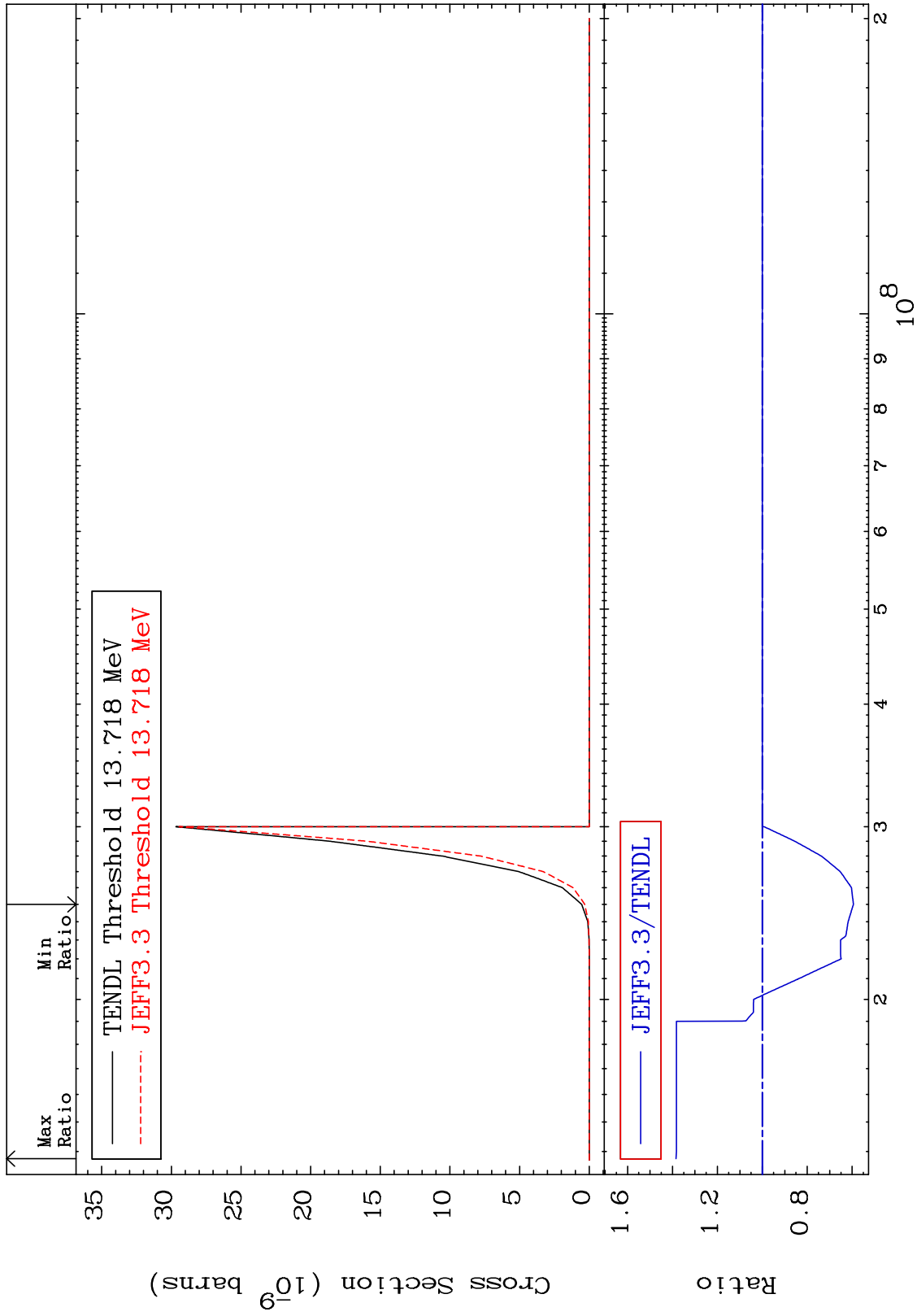


60

Incident Energy (eV)

55-Cs-134

MAT 5528 (n,p) t 55-Cs-134  
 Cross Section -40.55 To 38.40 %



55-Cs-134

Incident Energy (eV)

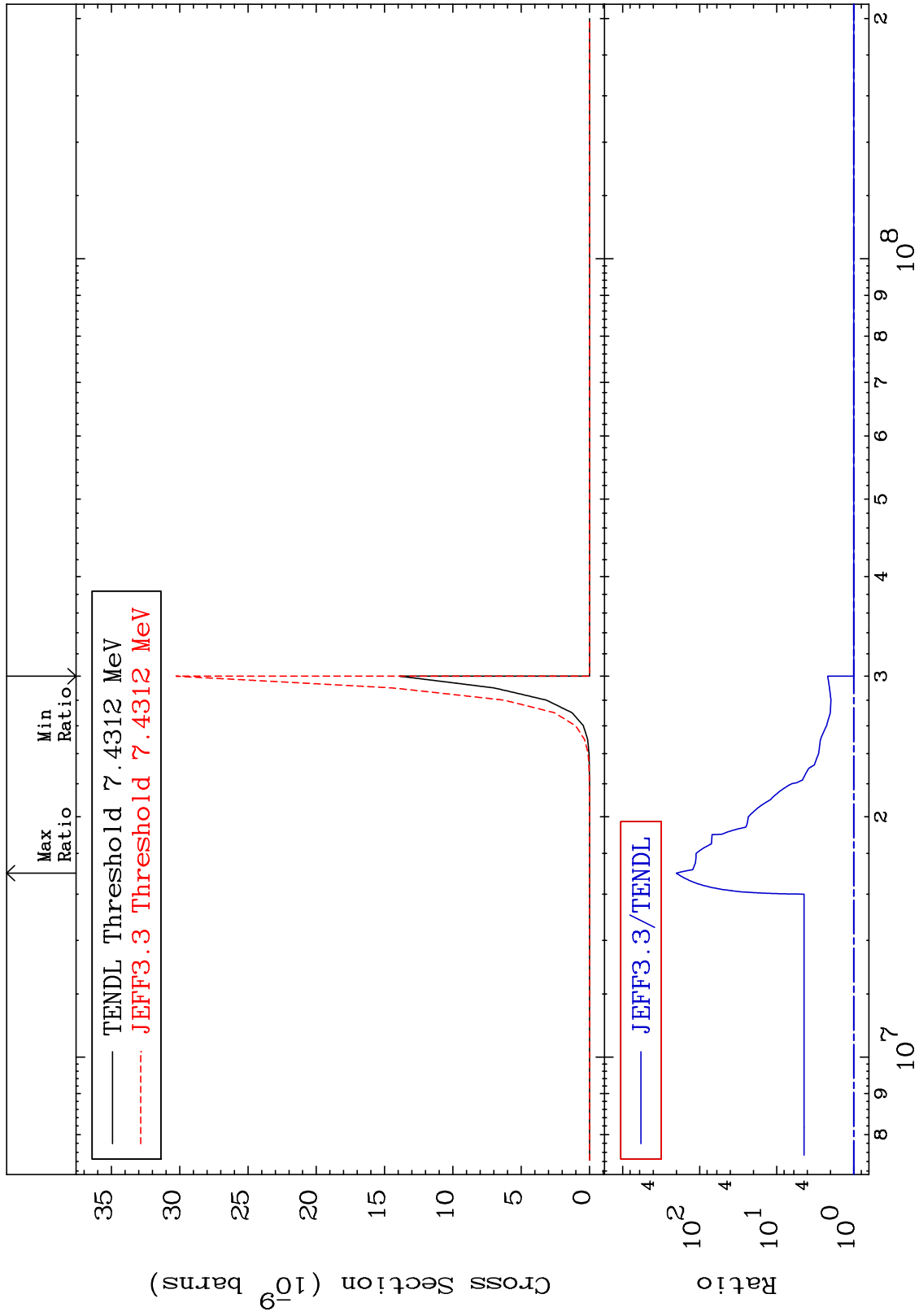
MAT 5528

(n,d)  $\alpha$

55-Cs-134

Cross Section

0.000 To 9999. %



62

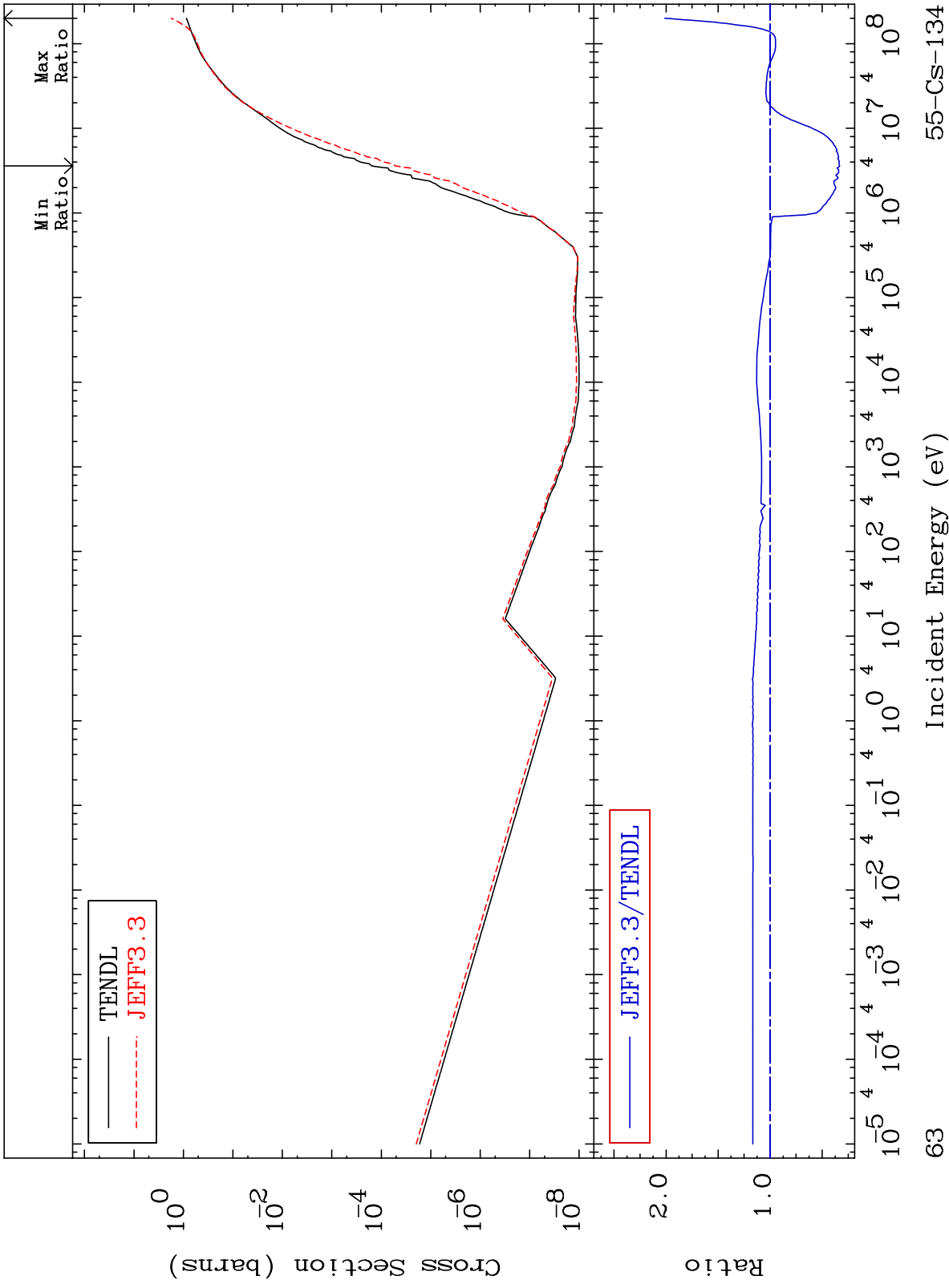
Incident Energy (eV)

55-Cs-134

MAT 5528

Hydrogen Production  
Cross Section

55-Cs-134  
-66.89 To 101.3 %



63

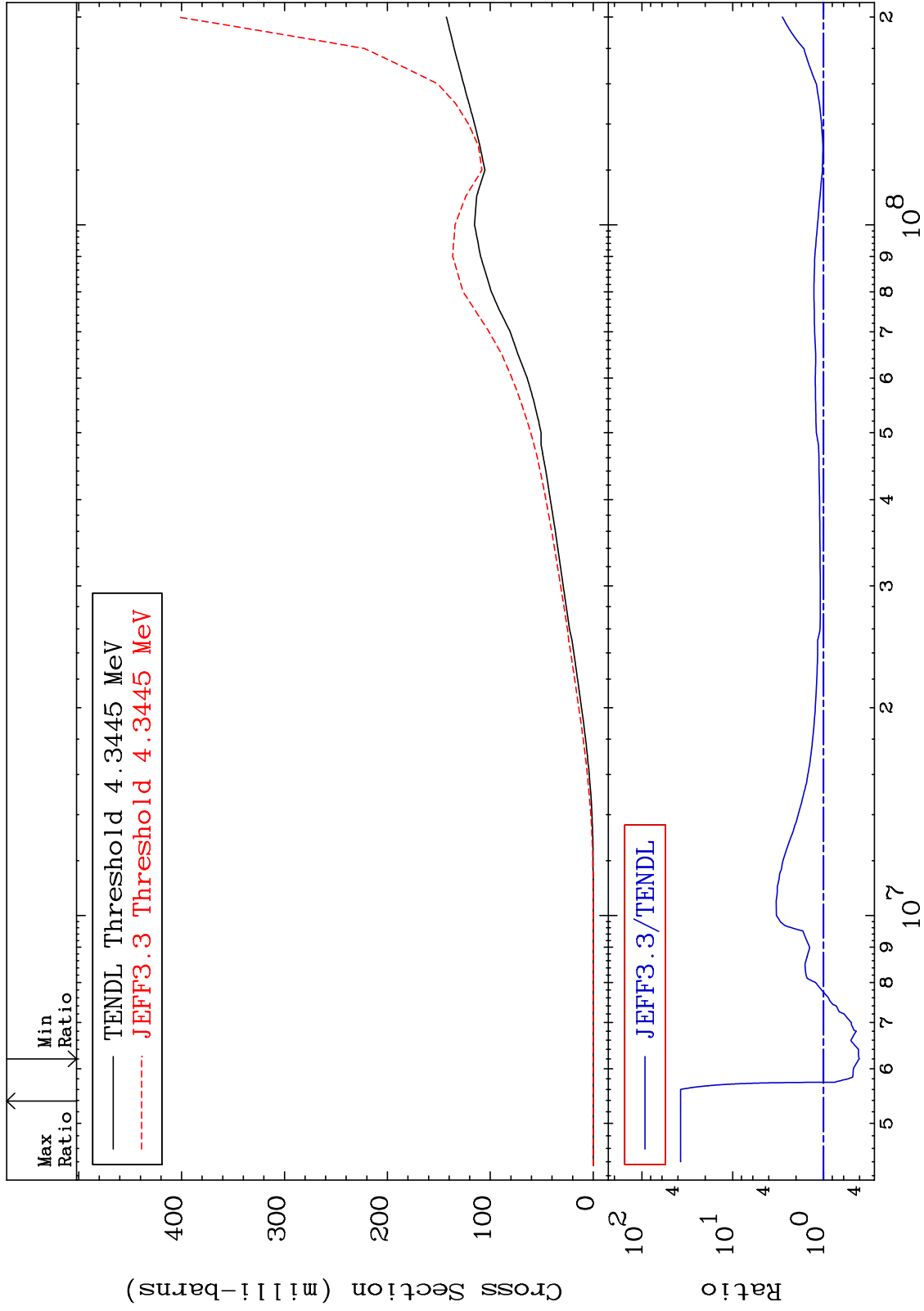
55-Cs-134



MAT 5528

Deuterium Production  
Cross Section

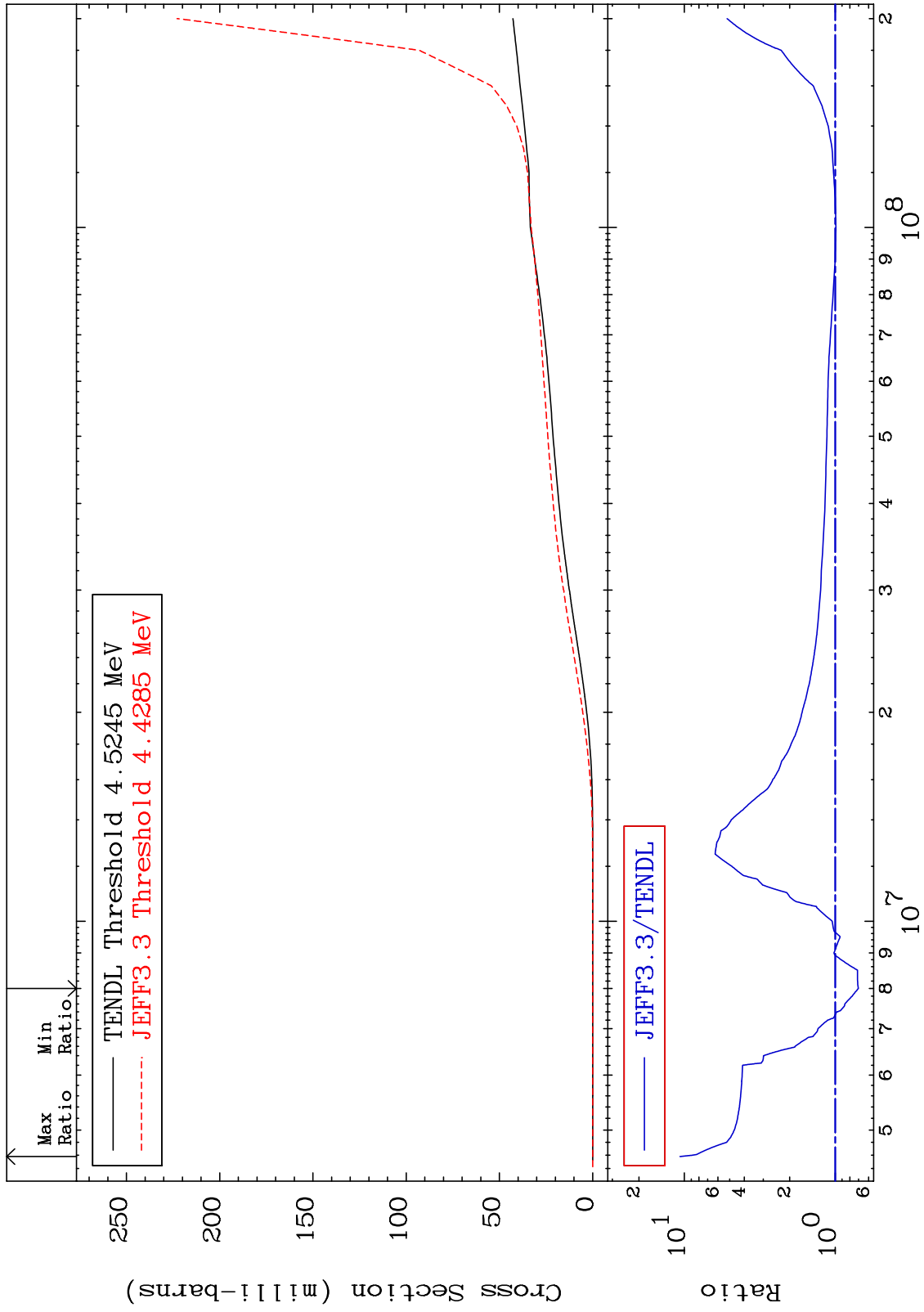
55-Cs-134  
-59.53 To 3640. %



MAT 5528

Tritium Production  
Cross Section

55-Cs-134  
-29.89 To 968.8 %

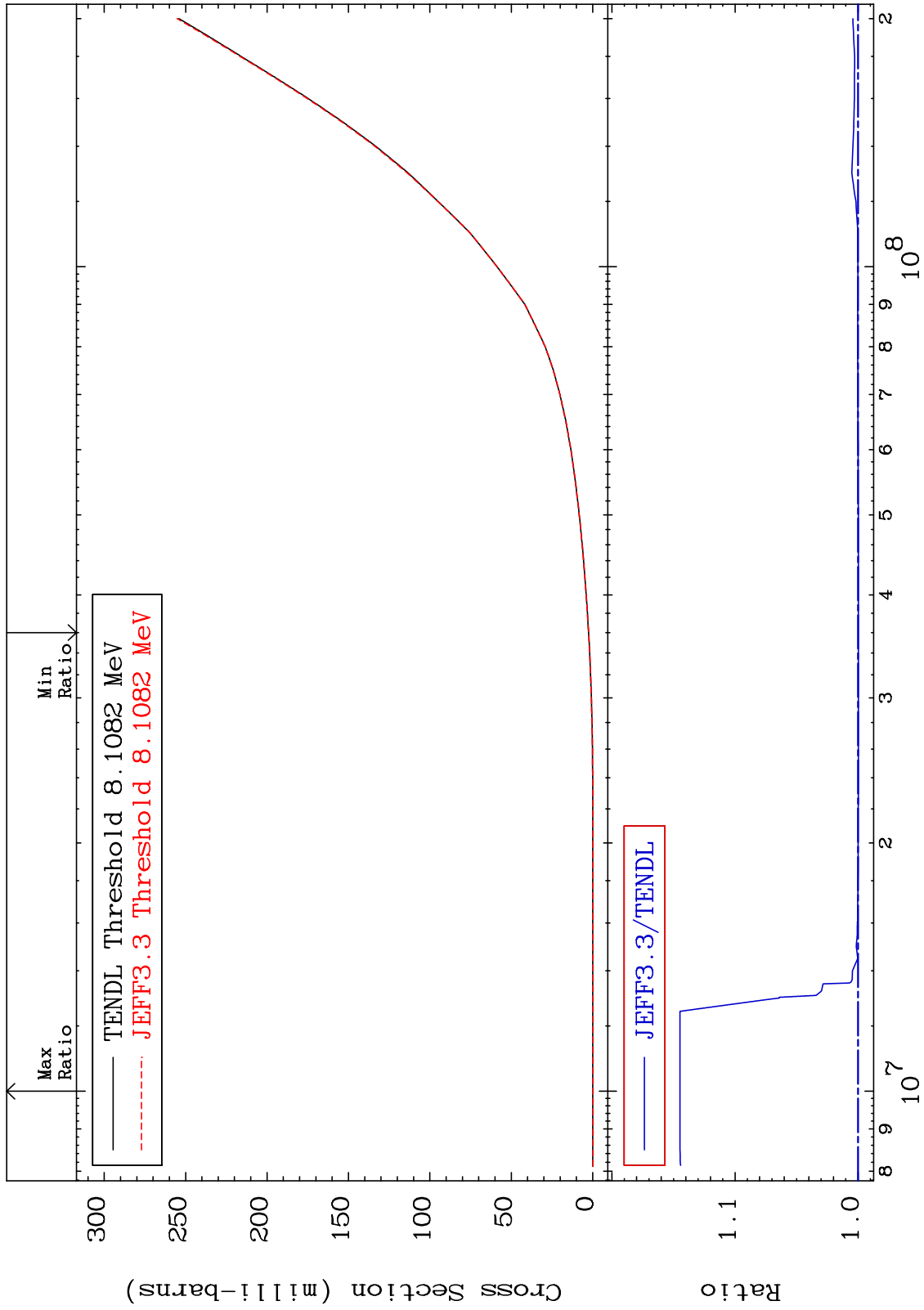


65

Incident Energy (eV)

55-Cs-134

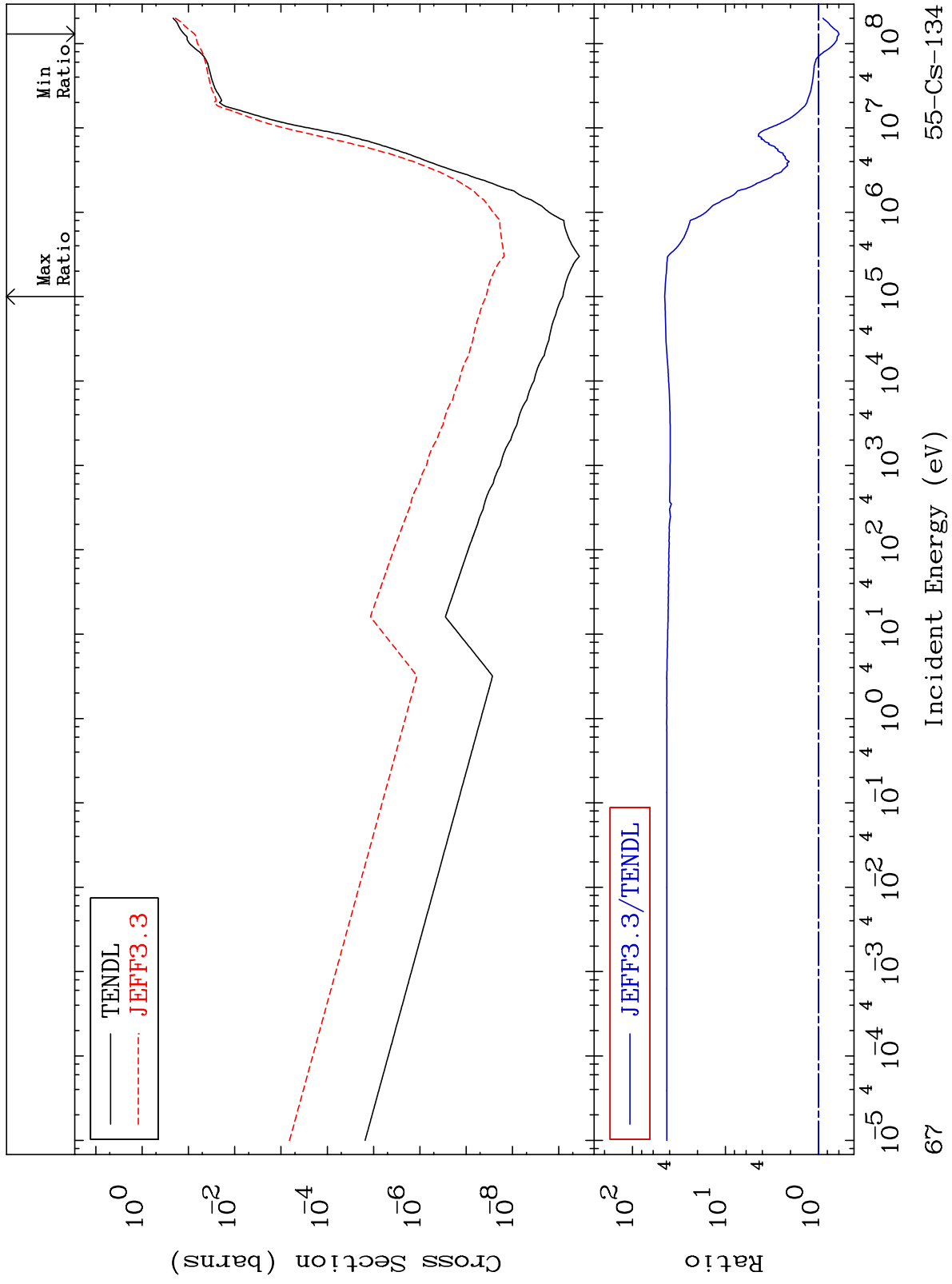
MAT 5528 He-3 Production Cross Section 55-Cs-134 -0.026 To 14.47 %



MAT 5528

He-4 Production  
Cross Section

55-Cs-134  
-40.28 To 4404. %



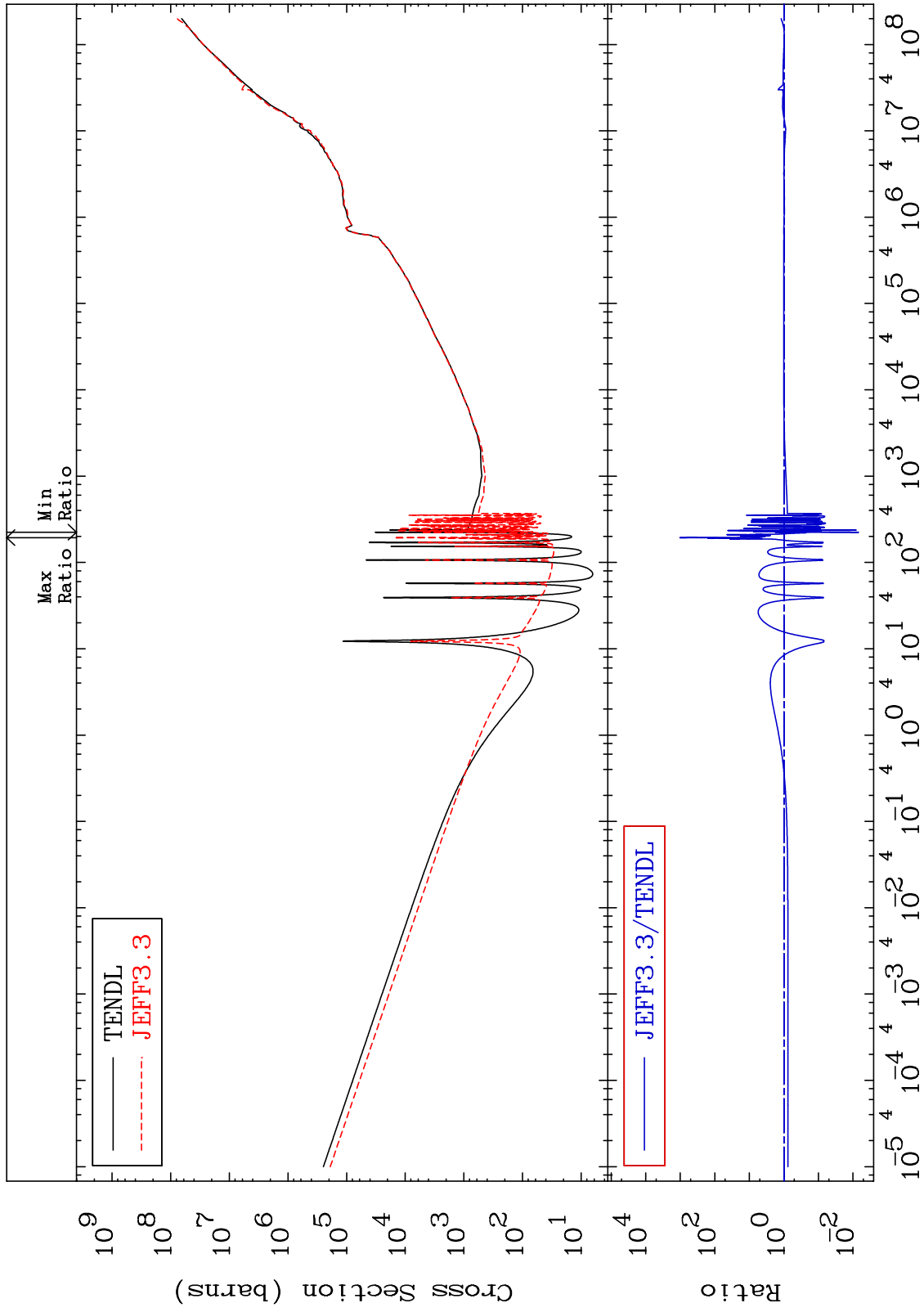
67

55-Cs-134

MAT 5528

Kerma total (eV-barns)  
Cross Section

55-Cs-134  
-99.30 To 9999. %



68

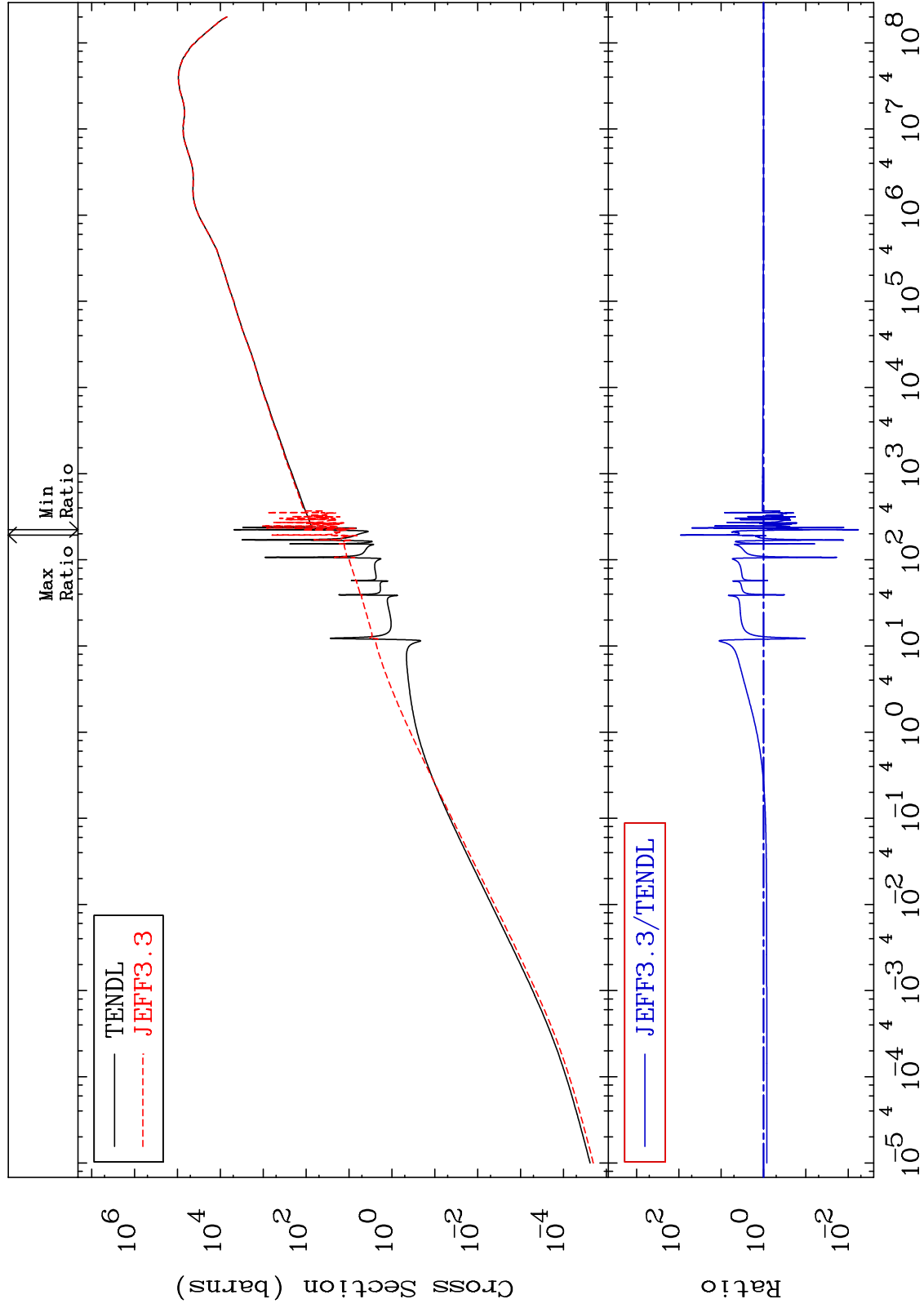
Incident Energy (eV)

55-Cs-134

MAT 5528

Kerma elastic  
Cross Section

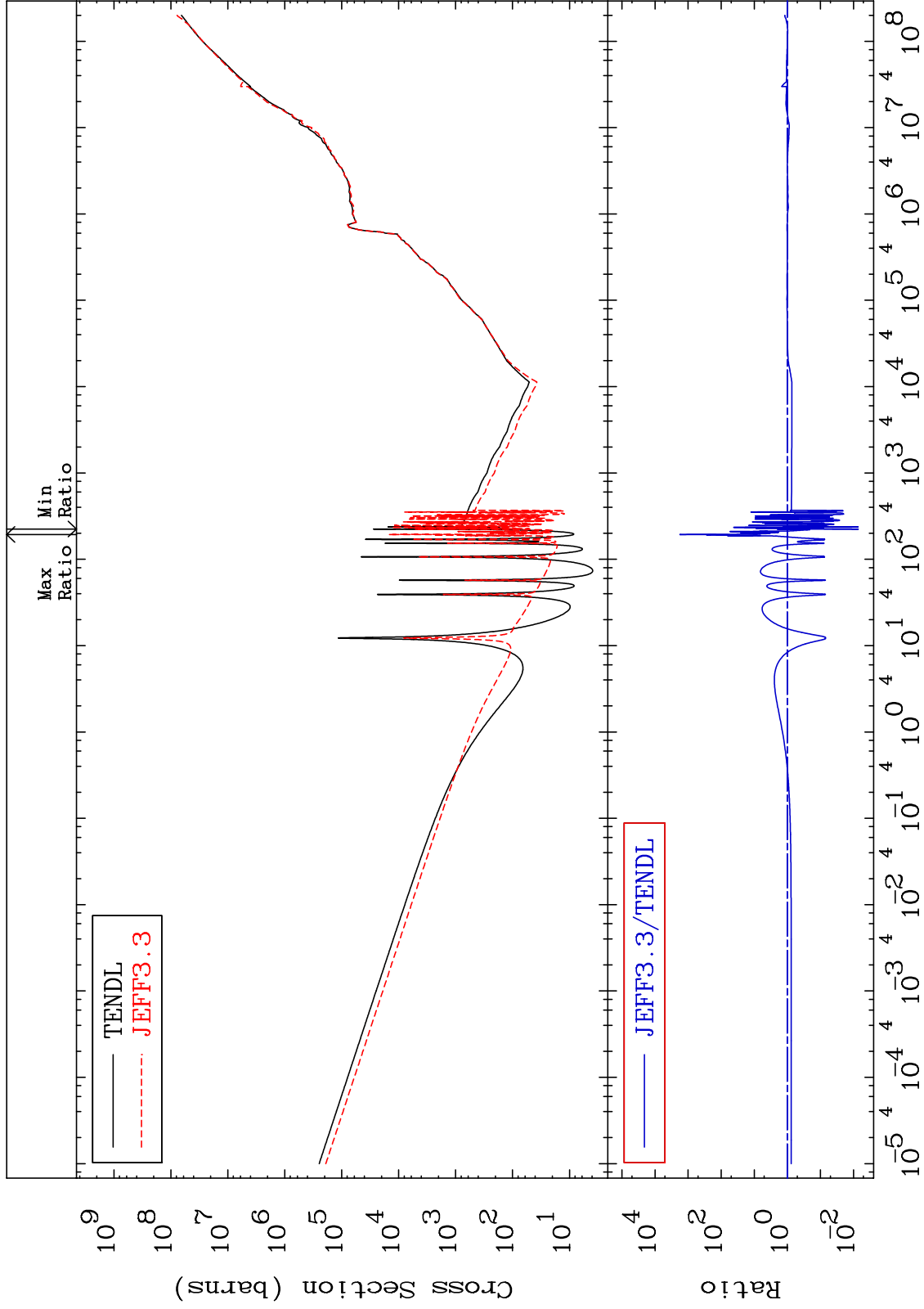
55-Cs-134  
-99.43 To 9072. %



MAT 5528

Kerma non-elastic (all but mt2)  
Cross Section

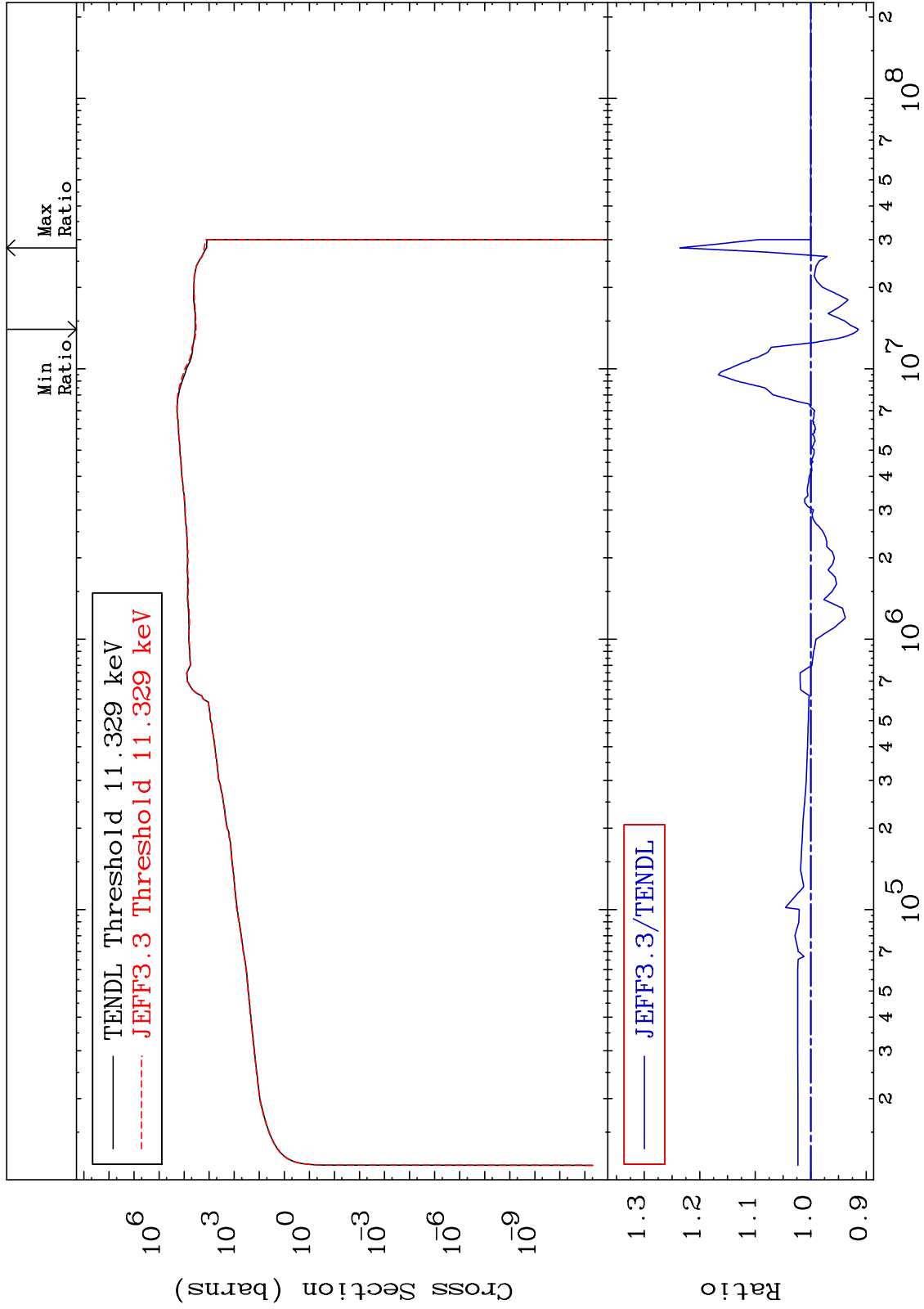
55-Cs-134  
-99.29 To 9999. %



MAT 5528

Kerma inelastic (mt51-91)  
Cross Section

55-Cs-134  
-8.584 To 23.55 %

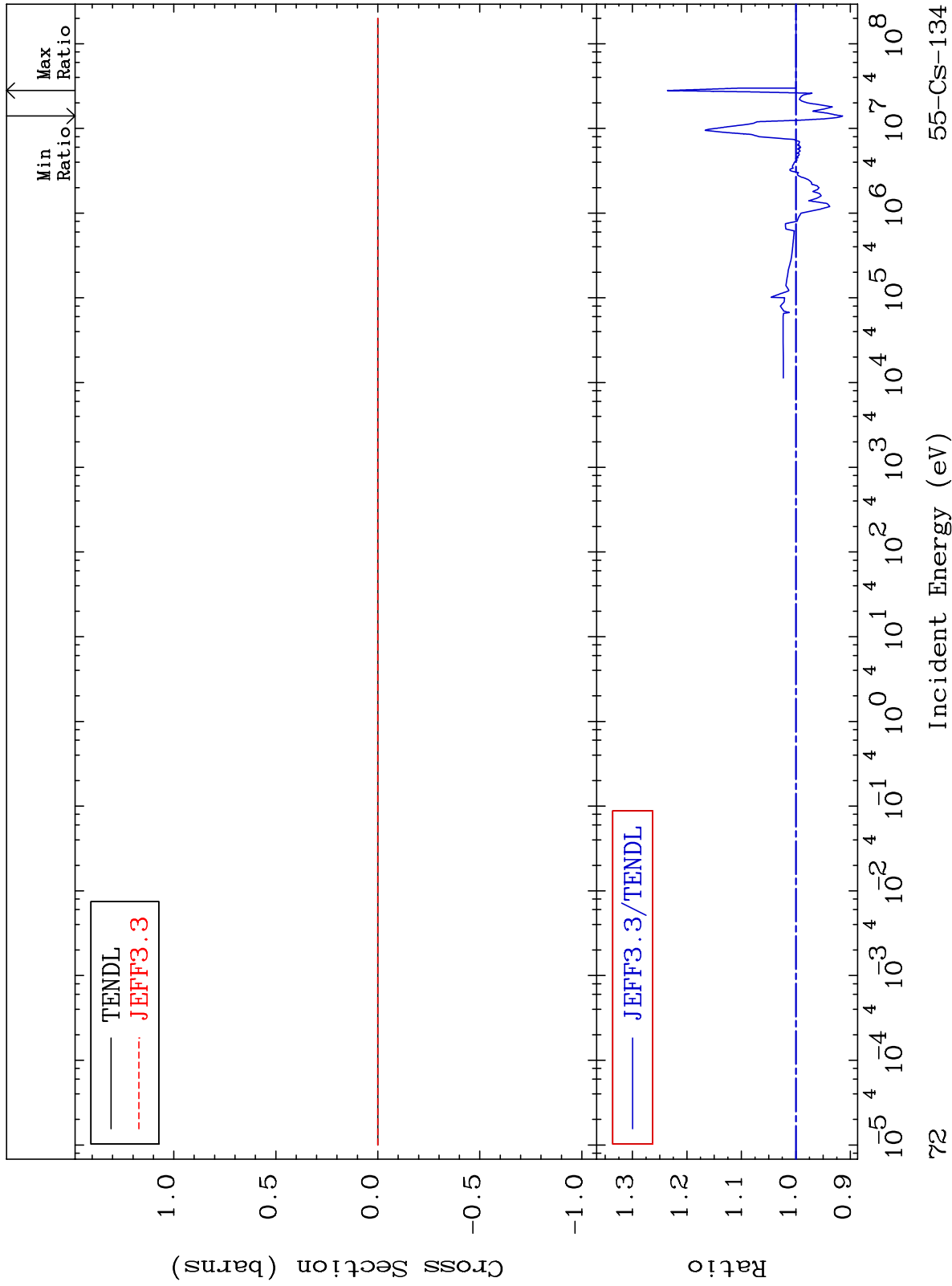




MAT 5528

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

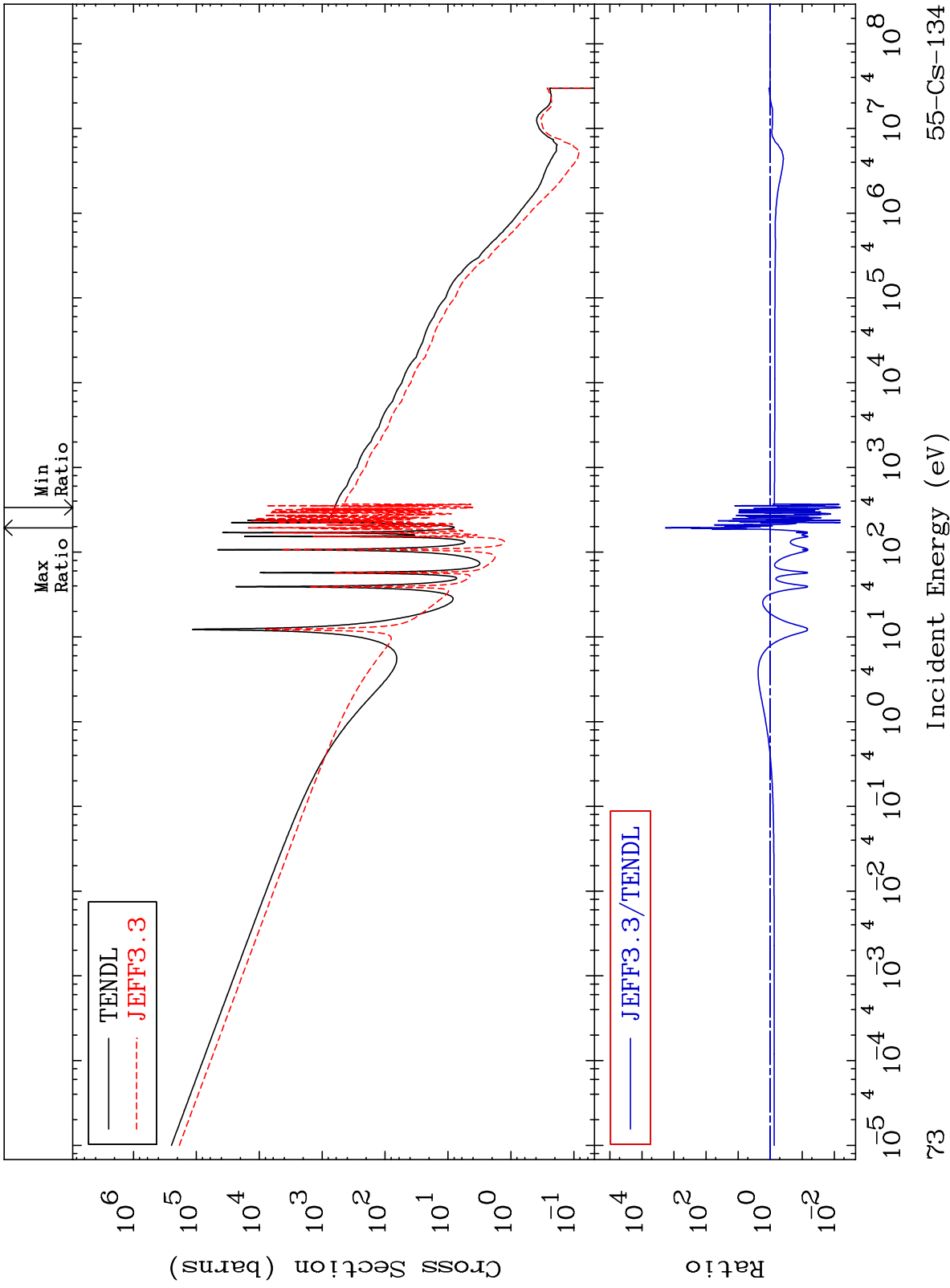
55-Cs-134  
-8.584 To 23.55 %



MAT 5528

Kerma capture (mt102)  
Cross Section

55-Cs-134  
-99.37 To 9999. %



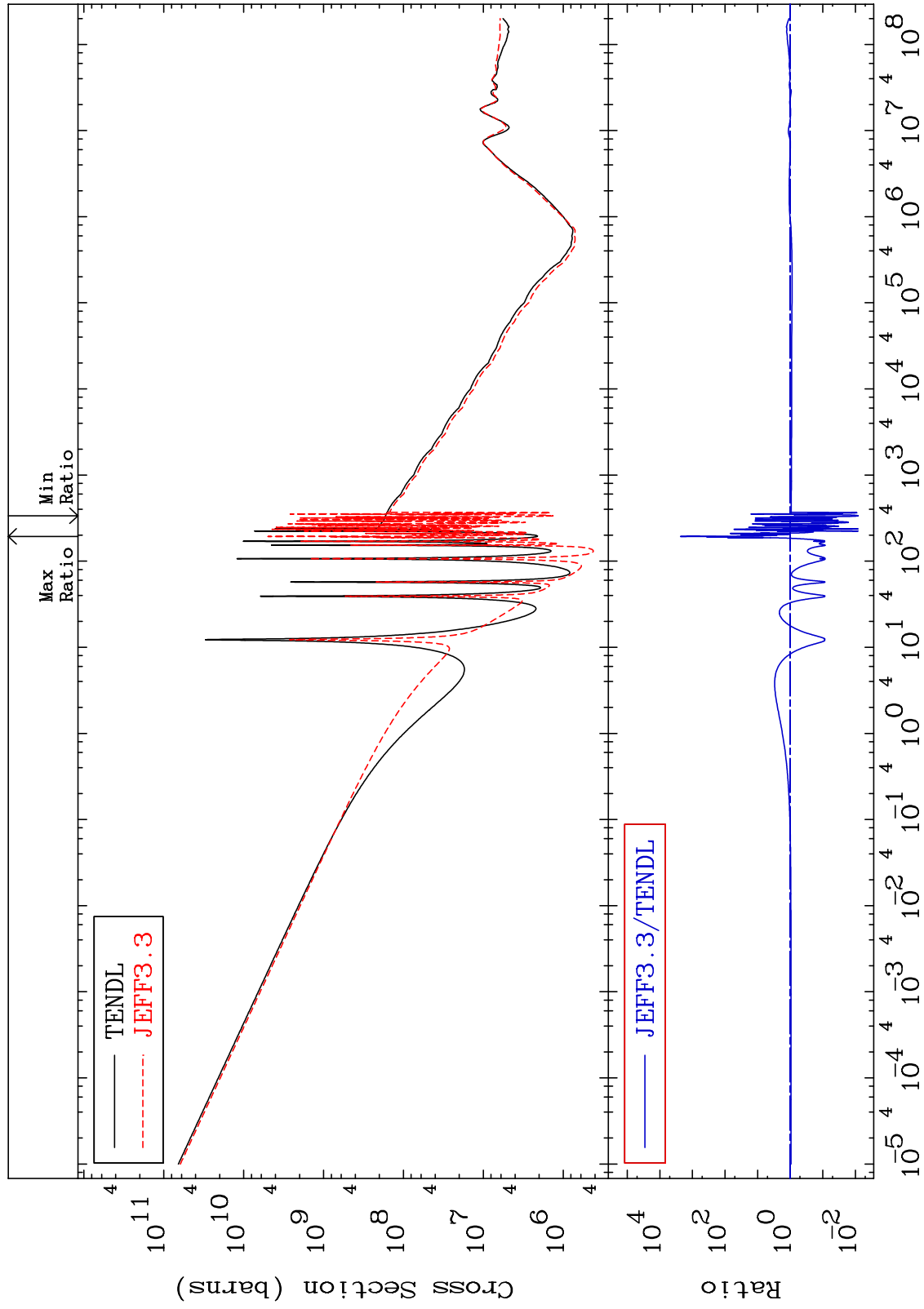
73

55-Cs-134

MAT 5528

Total photon (eV-barns)  
Cross Section

55-Cs-134  
-99.20 To 9999. %



74

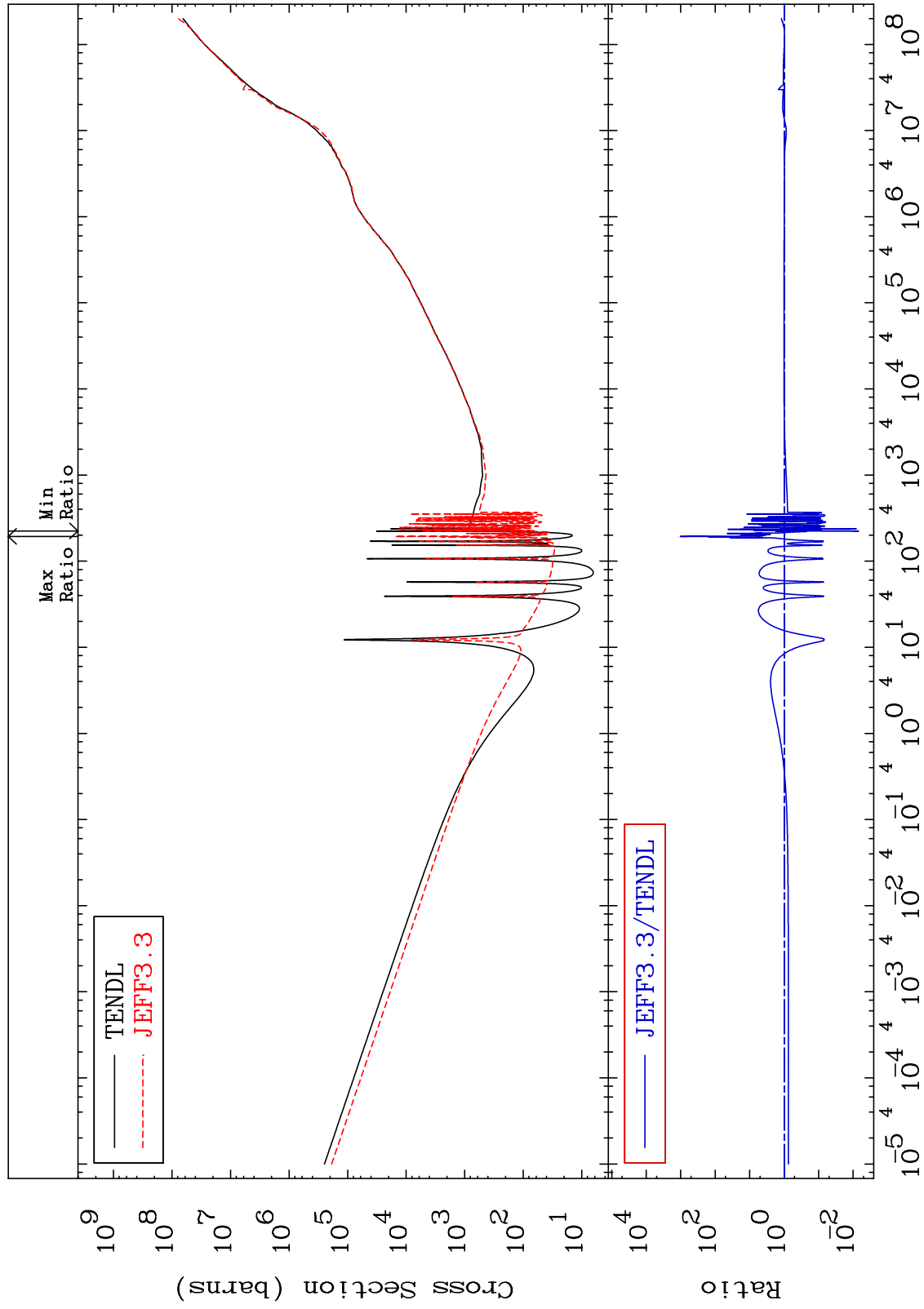
Incident Energy (eV)

55-Cs-134

MAT 5528

Total kinematic kerma (high limit)  
Cross Section

55-Cs-134  
-99.30 To 9999. %



75

Incident Energy (eV)

55-Cs-134

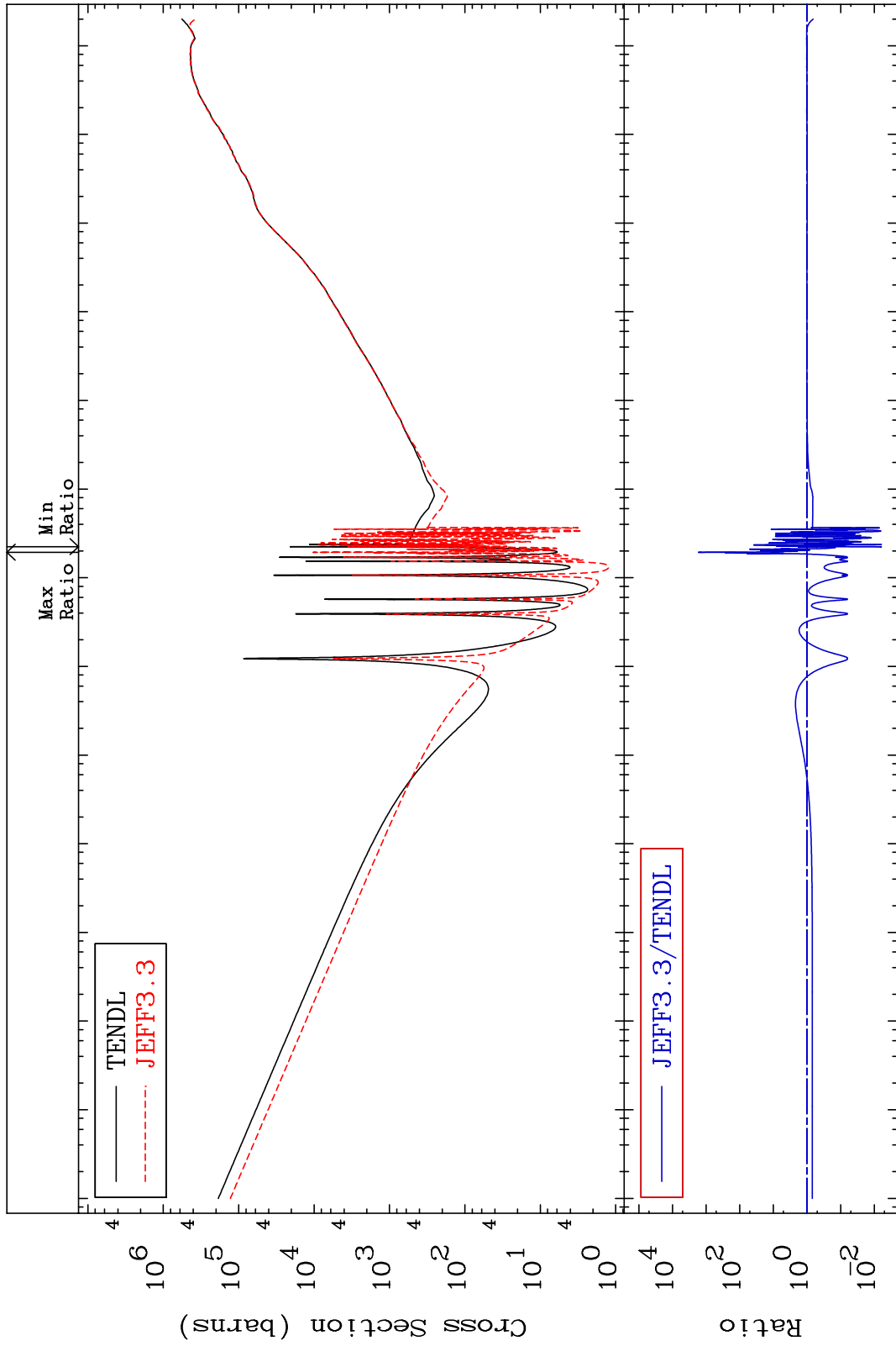
MAT 5528

Dpa total (eV-barns)

55-Cs-134

-99.39 To 9999. %

Cross Section



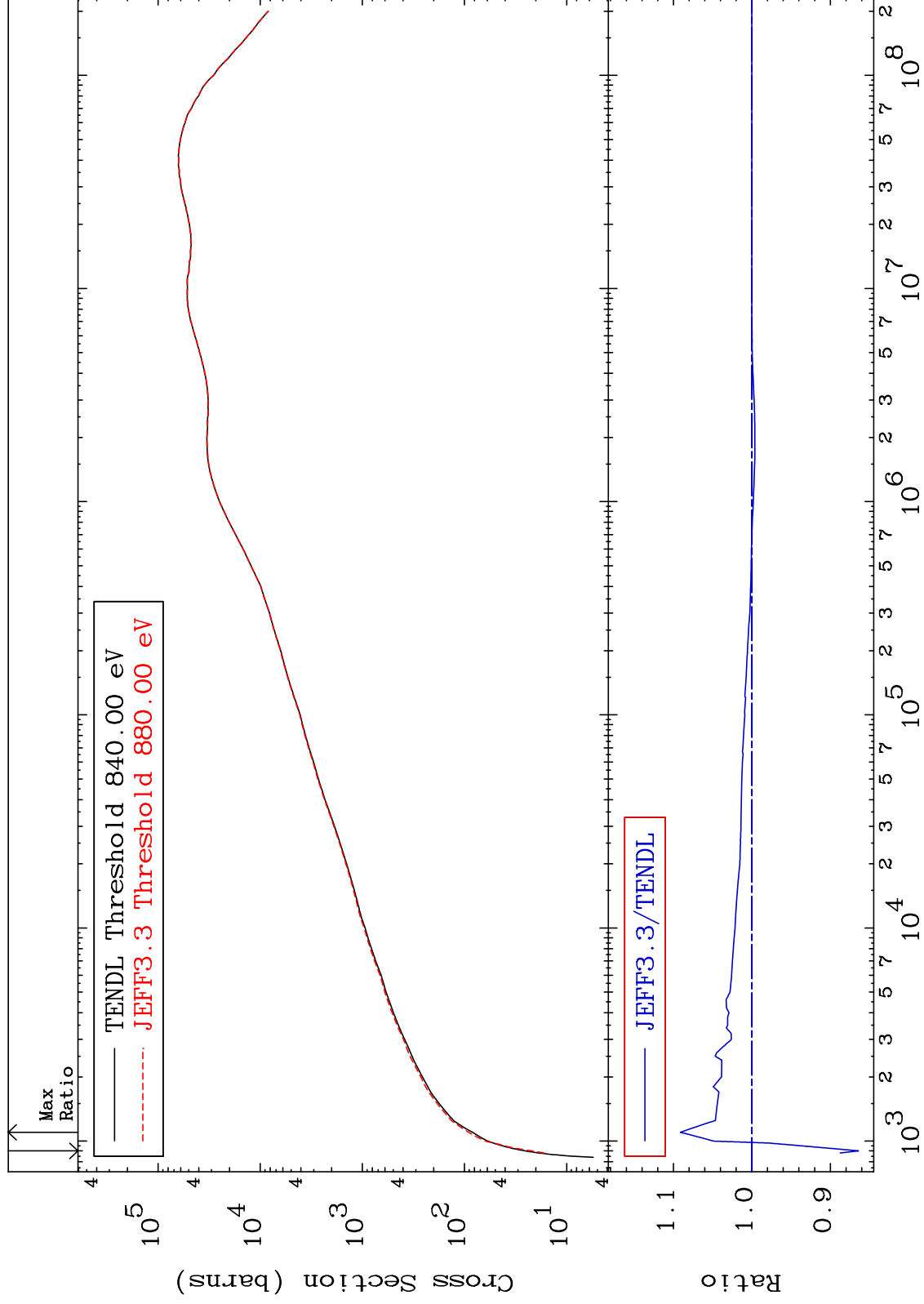
76

55-Cs-134

MAT 5528

Dpa elastic (mt2)  
Cross Section

55-Cs-134  
-13.60 To 9.097 %



77

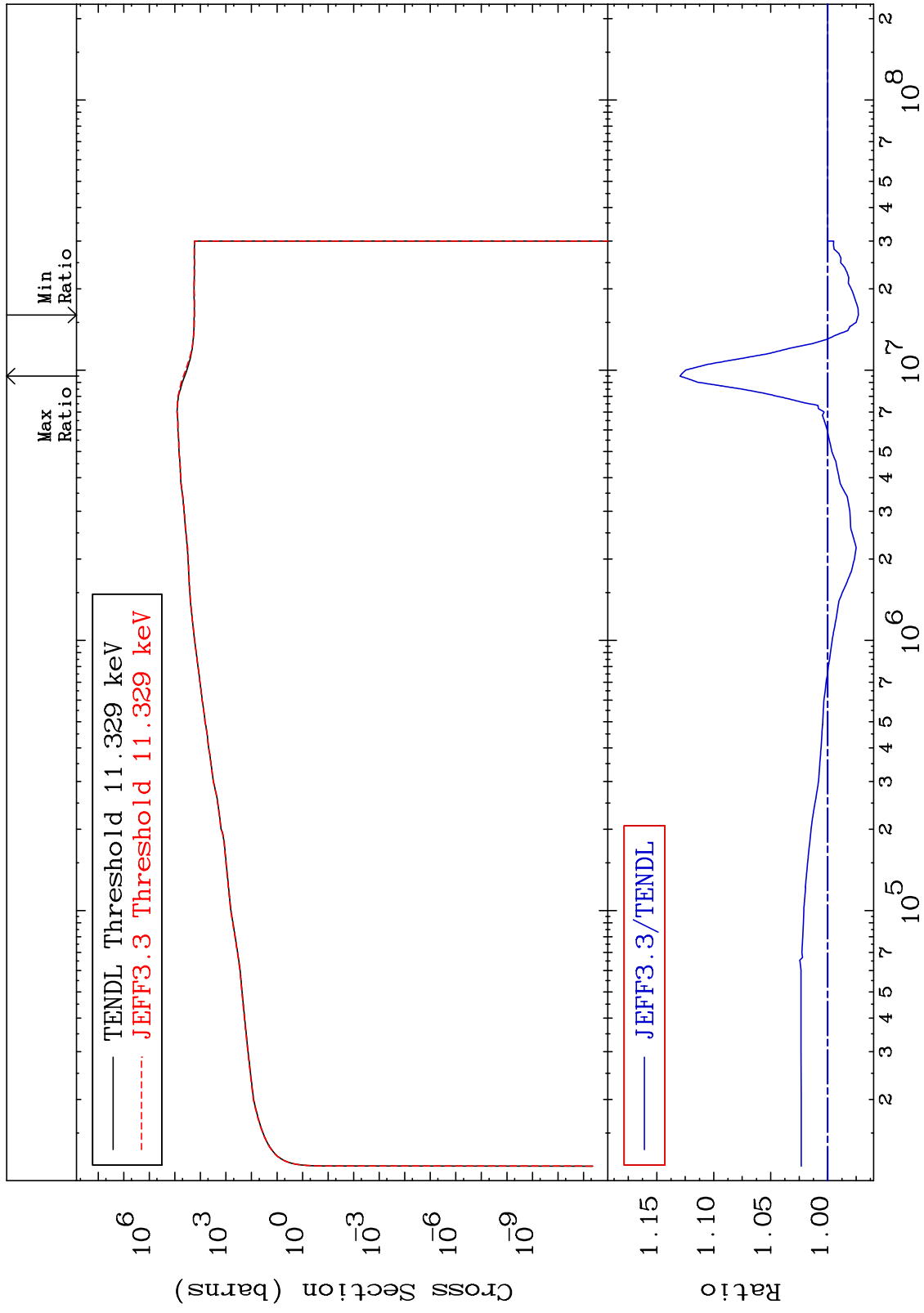
Incident Energy (eV)

55-Cs-134

MAT 5528

Dpa inelastic (mt51-91)  
Cross Section

55-Cs-134  
-2.698 To 12.96 %



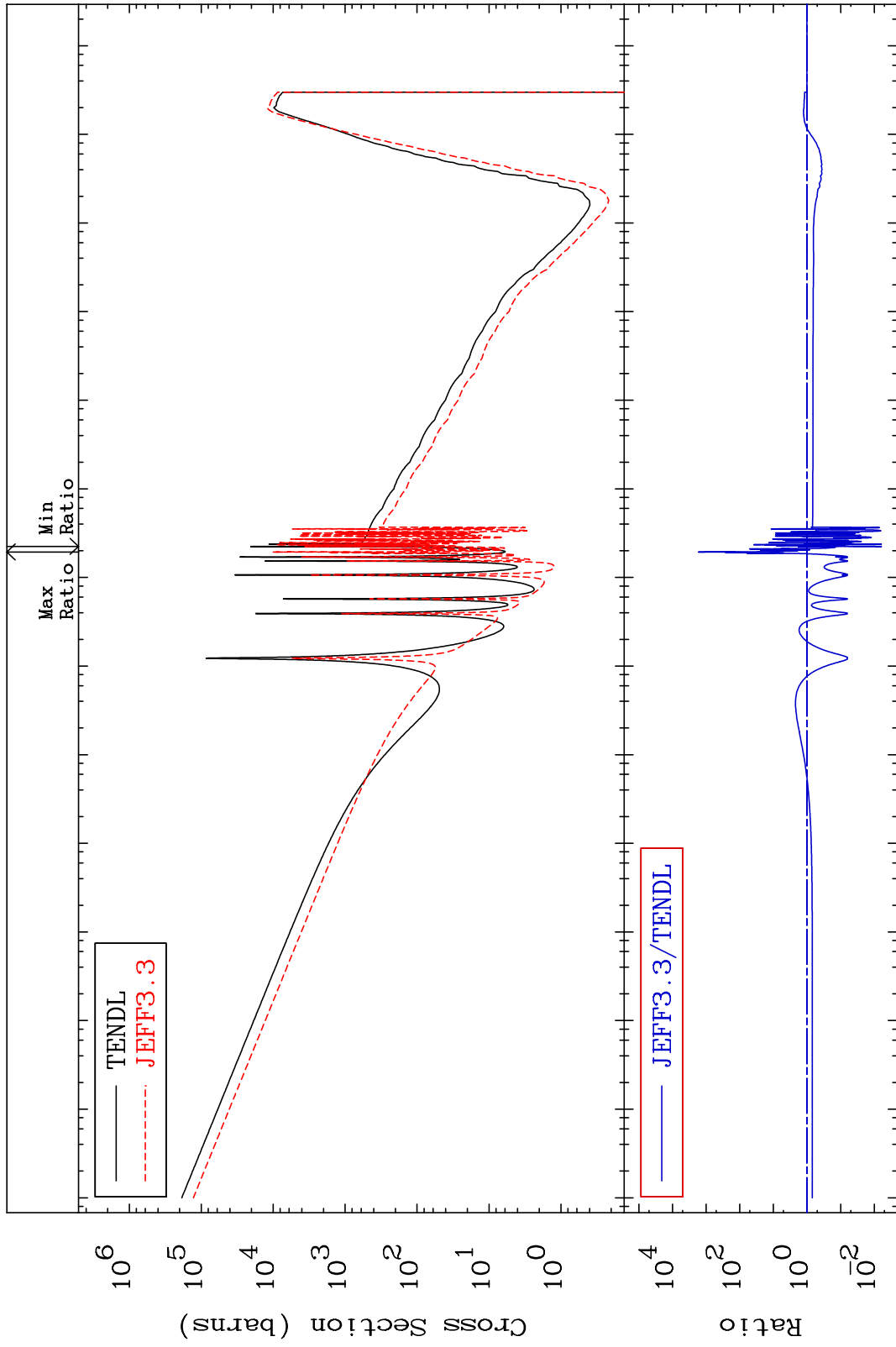
MAT 5528

Dpa disappearance (mt102 -120)

55-Cs-134

-99.39 To 9999. %

Cross Section



Incident Energy (eV)

55-Cs-134

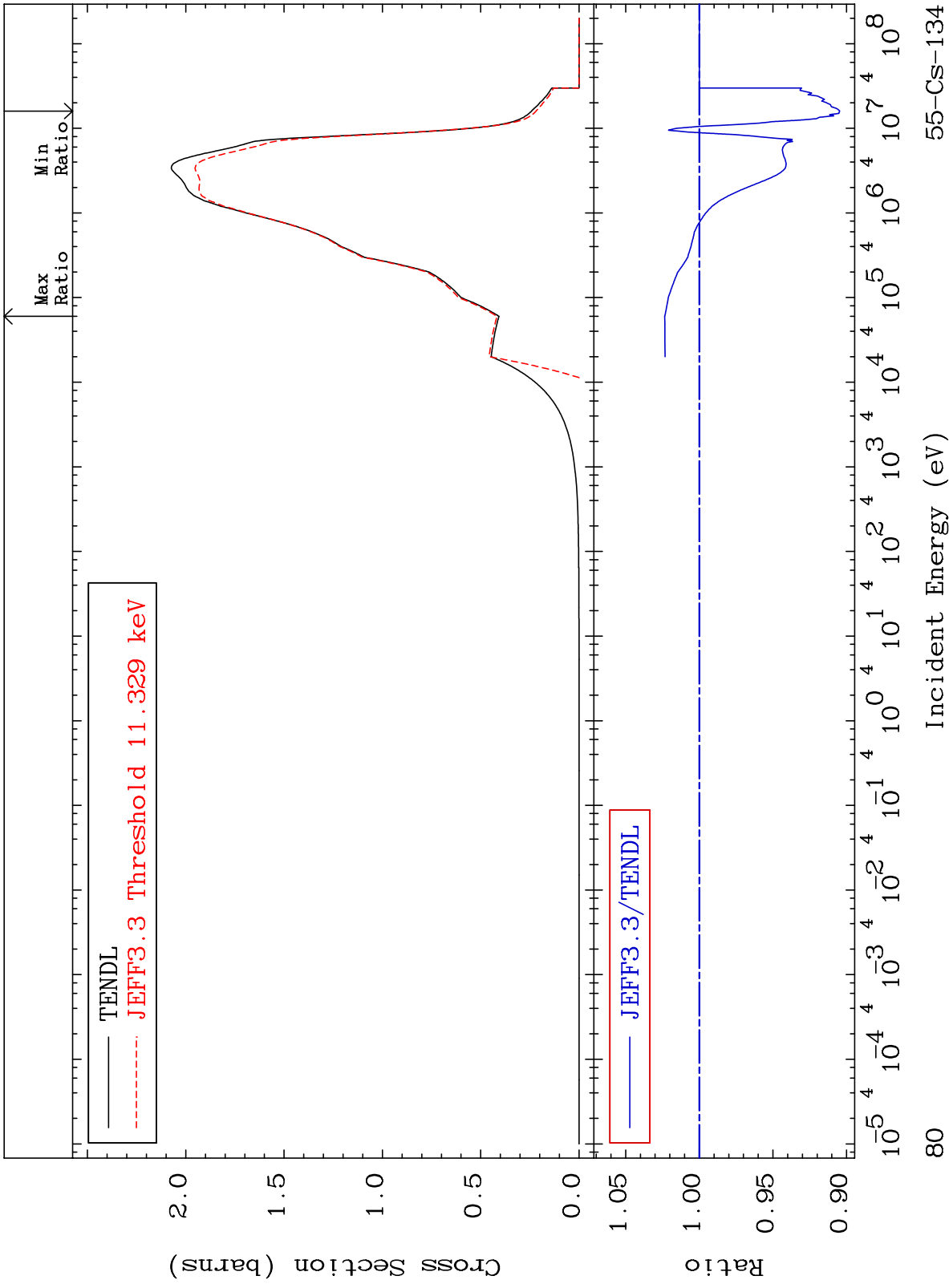


MAT 5528

Inelastic:55-Cs-134g

55-Cs-134

Radionuclide Production Cross Section -9.535 To 2.348 %

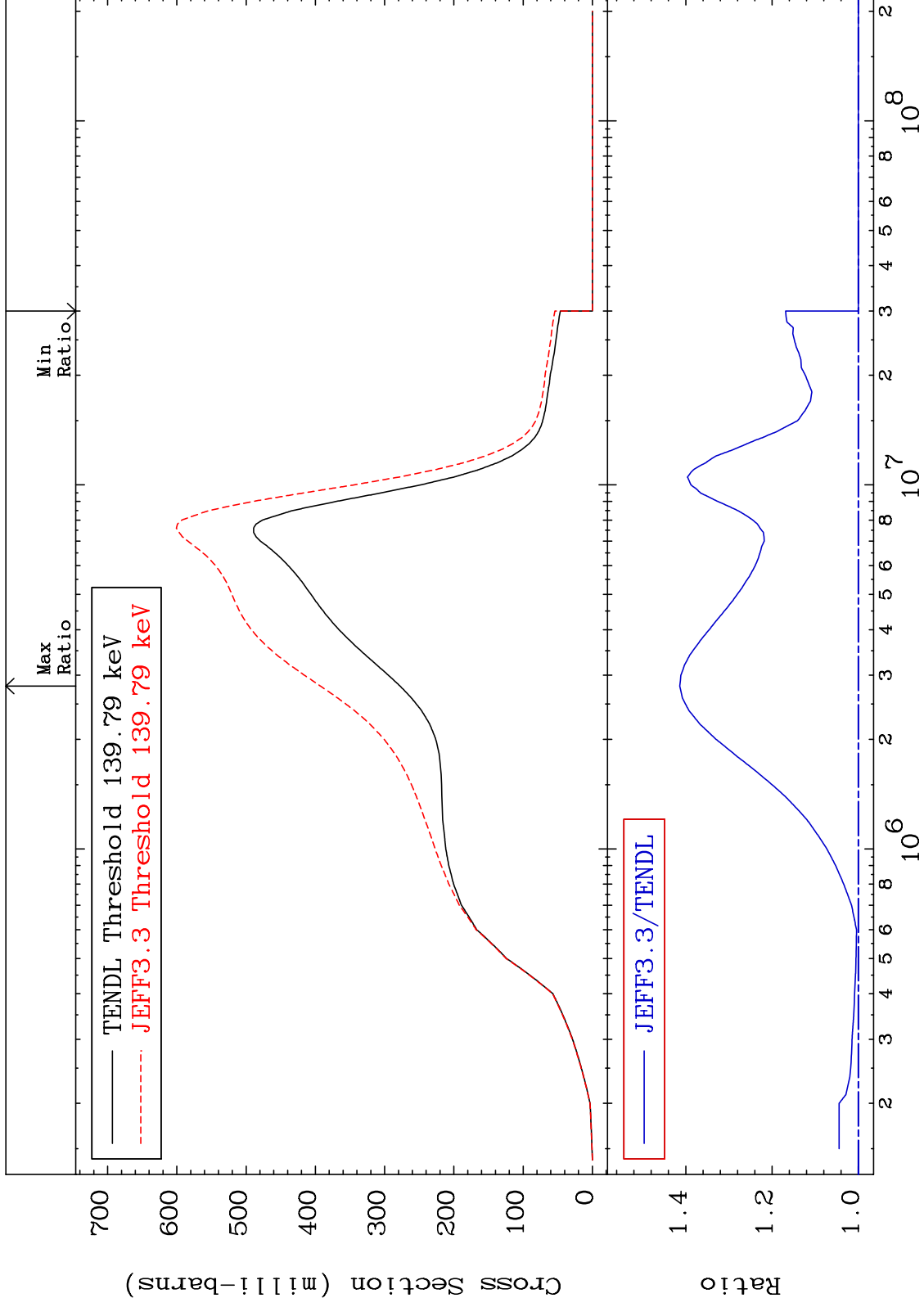


MAT 5528

Inelastic:55-Cs-134m3

55-Cs-134

Radionuclide Production Cross Section 0.000 To 41.38 %

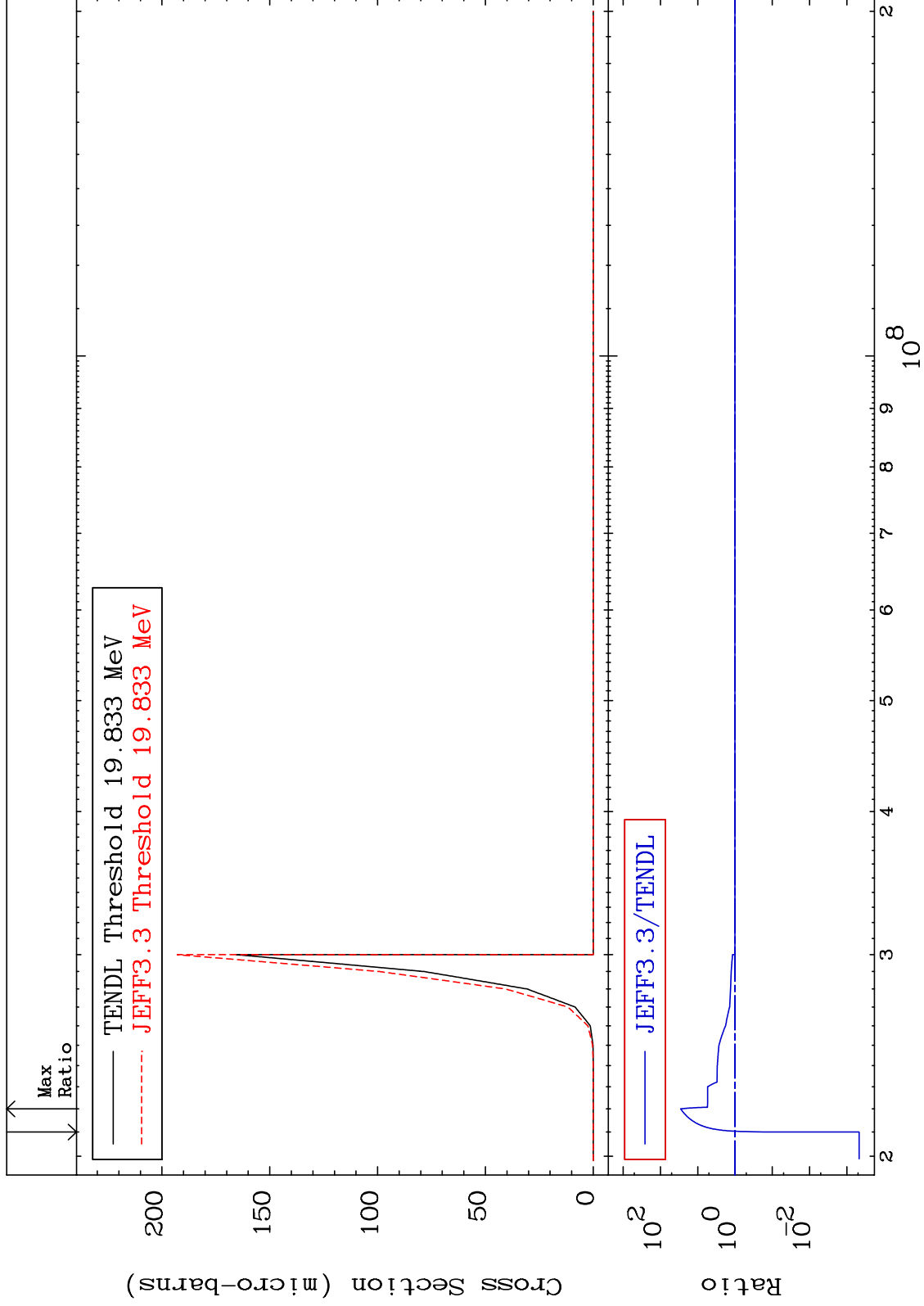


MAT 5528

(n,2n) d:54-Xe-131g

55-Cs-134

Radionuclide Production Cross Section -99.95 To 2773. %

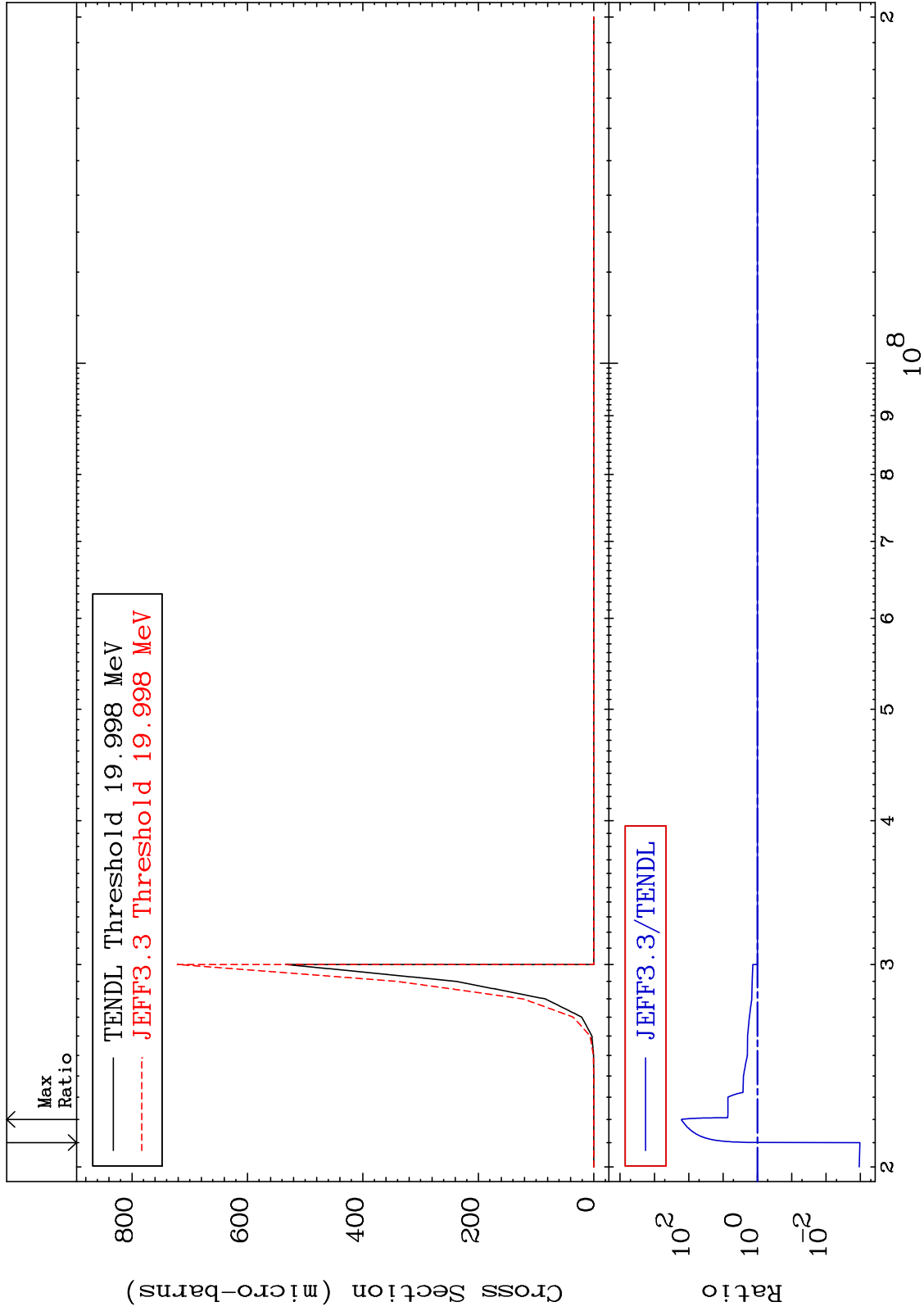


MAT 5528

(n,2n) d:54-Xe-131m2

55-Cs-134

Radionuclide Production Cross Section -99.90 To 9999. %

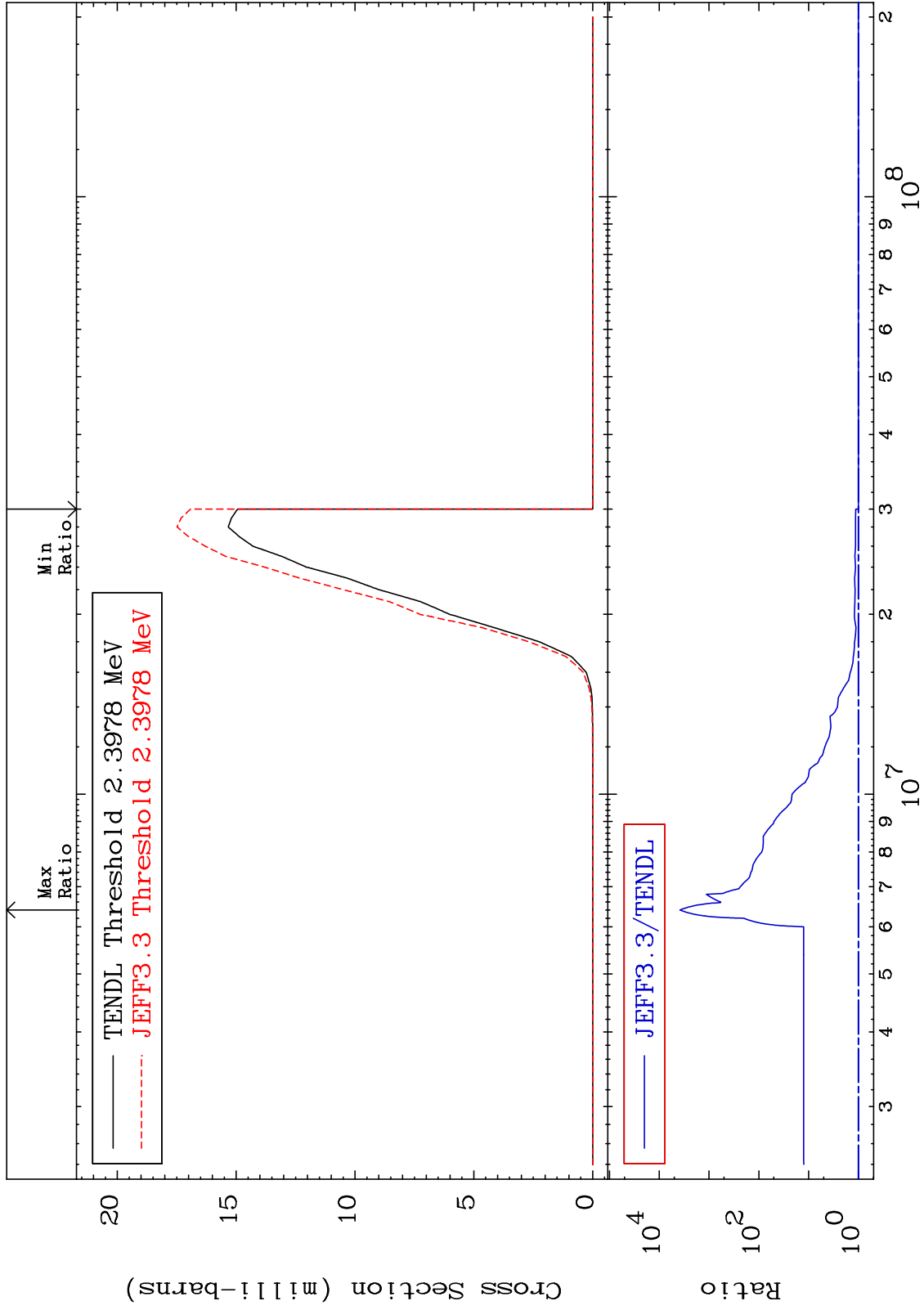


MAT 5528

55-Cs-134

(n, n')  $\alpha$ :53-I -130g

Radionuclide Production Cross Section 0.000 To 9999. %

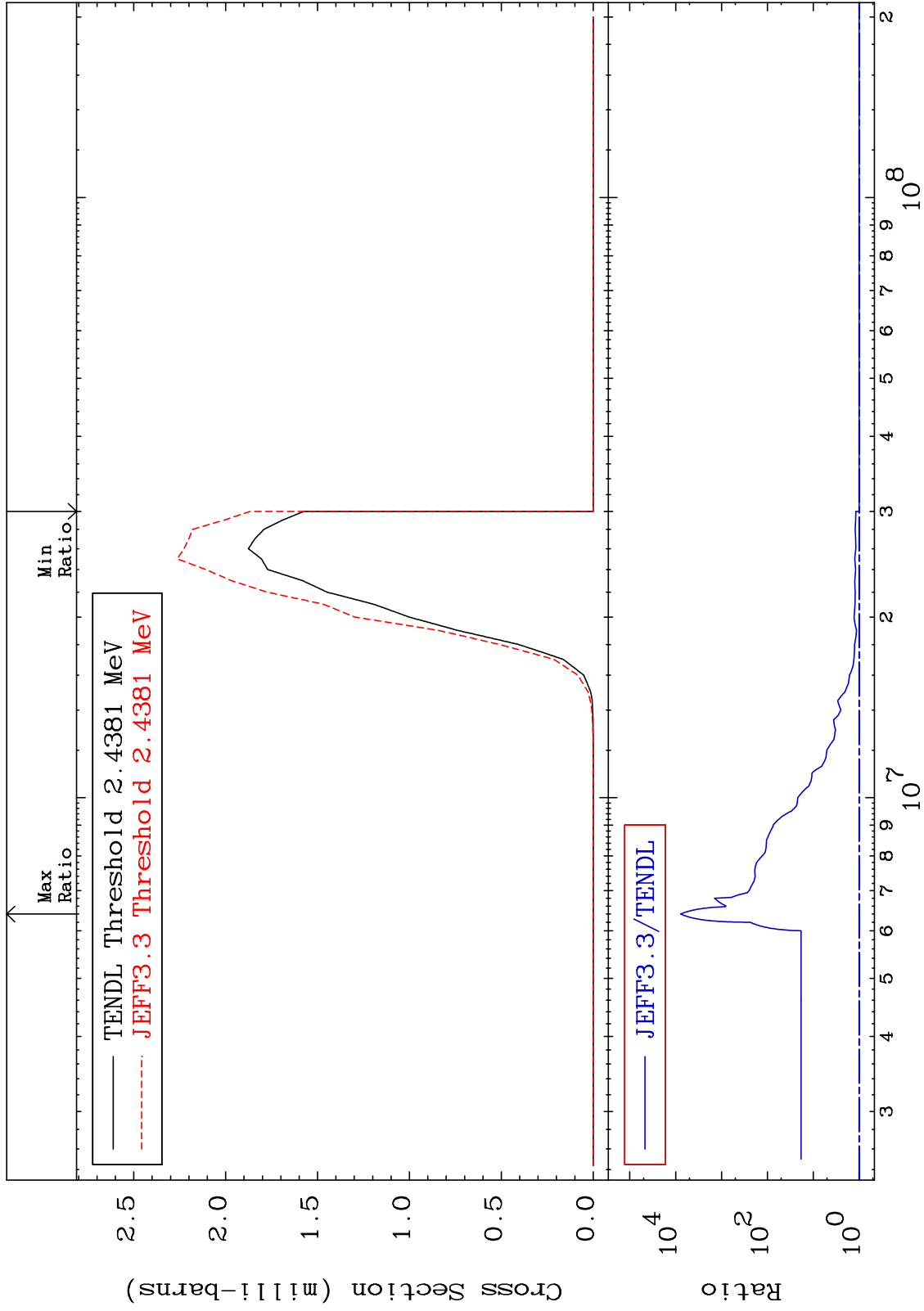


MAT 5528

(n, n')  $\alpha$ :53-I -130m1

55-Cs-134

Radionuclide Production Cross Section 0.000 To 9999. %



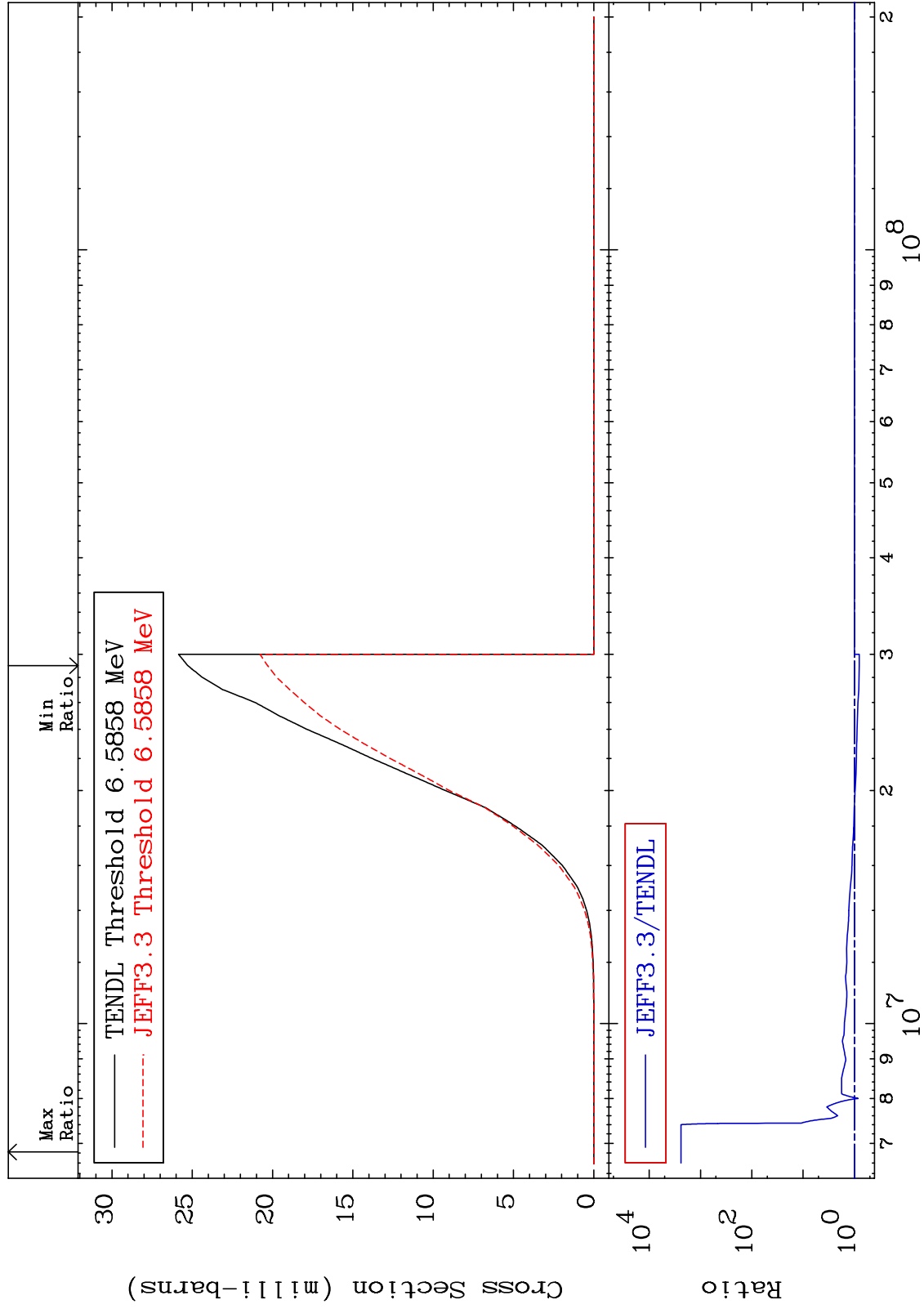
MAT 5528

(n, n') p:54-Xe-133g

55-Cs-134

Radionuclide Production Cross Section

-19.67 To 9999. %



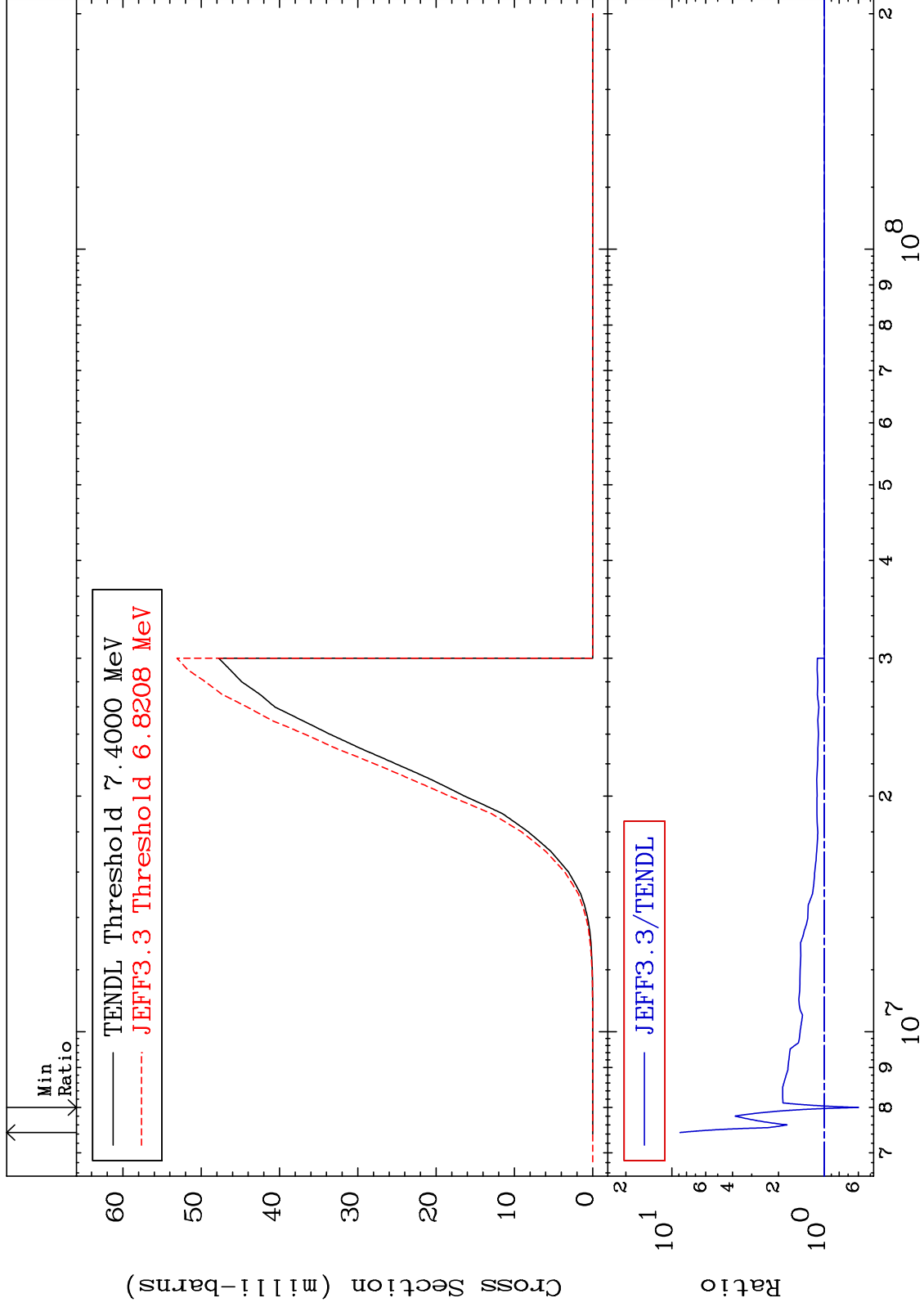
MAT 5528

(n, n') p:54-Xe-133m1

55-Cs-134

Radionuclide Production Cross Section

-40.12 To 783.5 %



87

Incident Energy (eV)

55-Cs-134

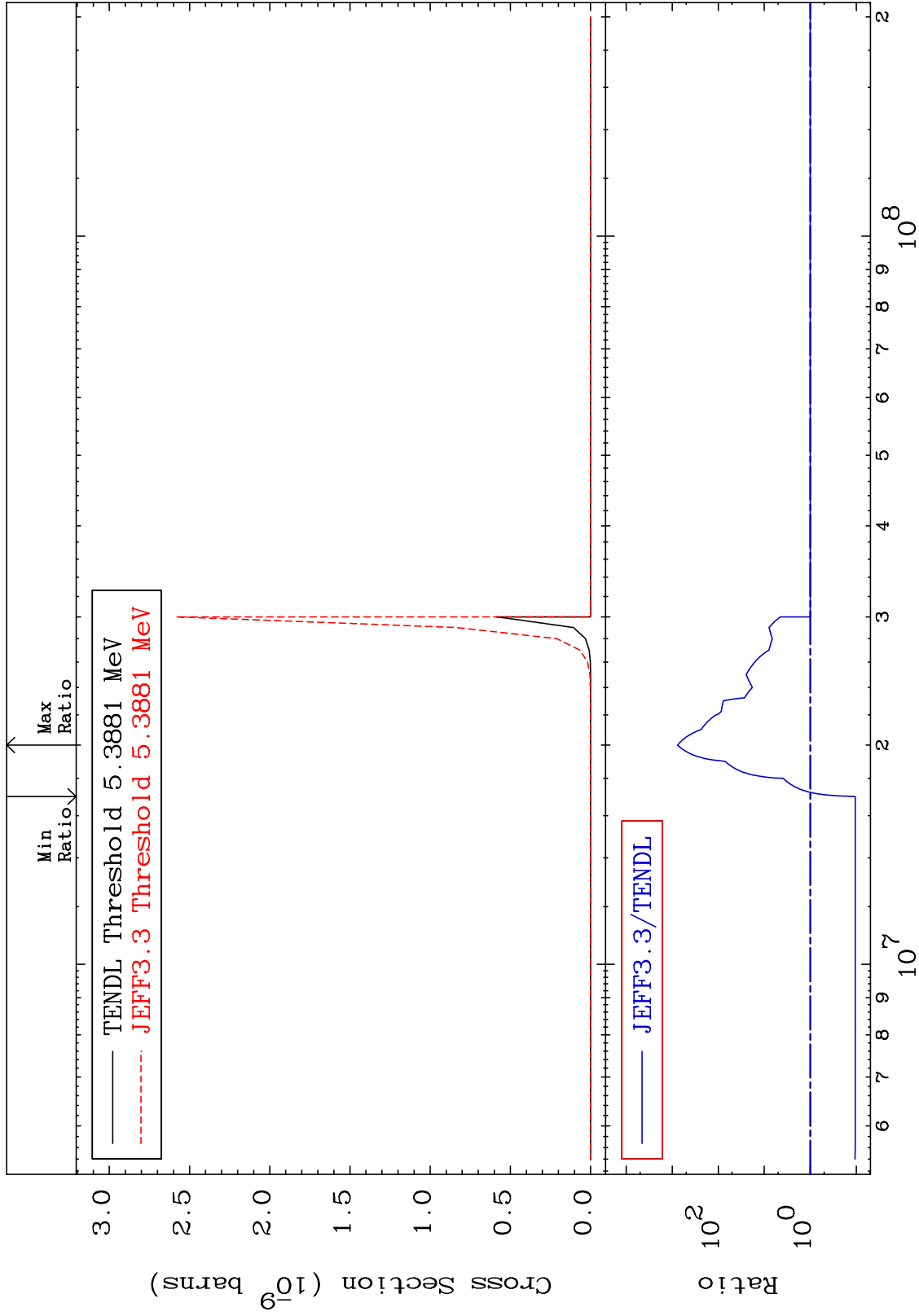


MAT 5528

55-Cs-134

(n, n') 2α:51-Sb-126g

Radionuclide Production Cross Section -89.51 To 9999. %



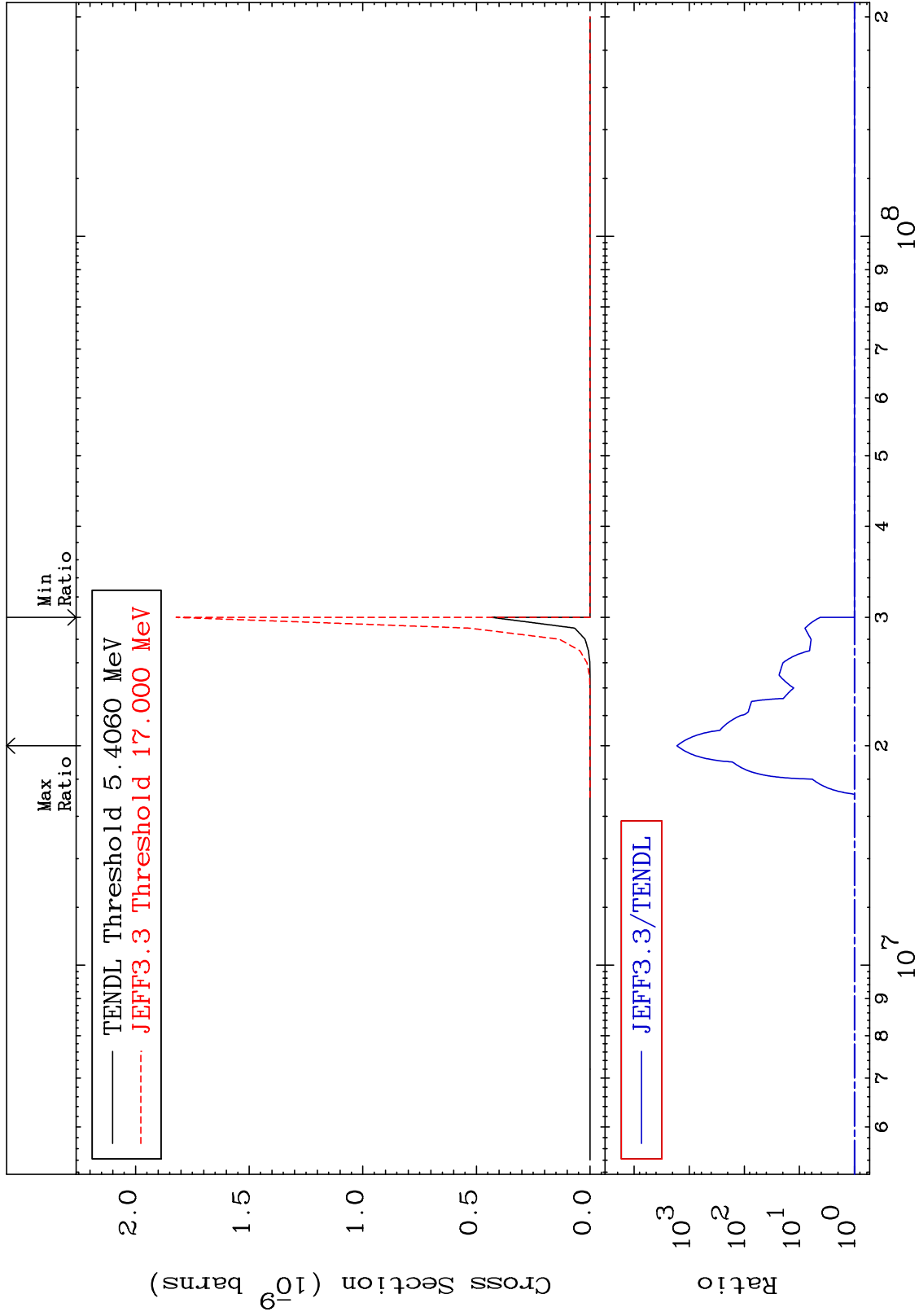
88

Incident Energy (eV)

55-Cs-134

MAT 5528

(n, n')  $2\alpha$ :51-Sb-126m1 55-Cs-134  
Radionuclide Production Cross Section 0.000 To 9999. %

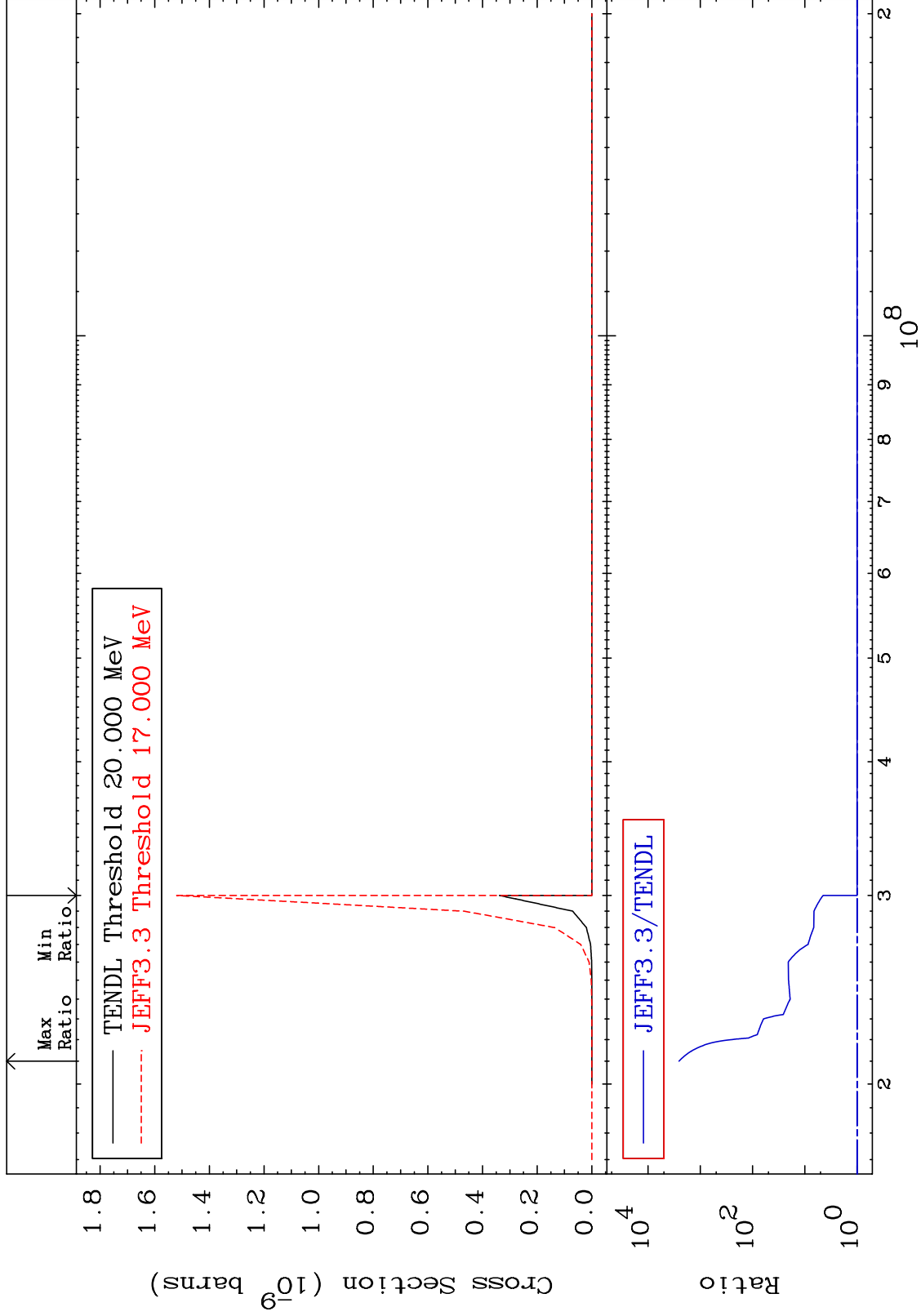


MAT 5528

(n, n') 2α:51-Sb-126m2

55-Cs-134

Radionuclide Production Cross Section 0.000 To 9999. %

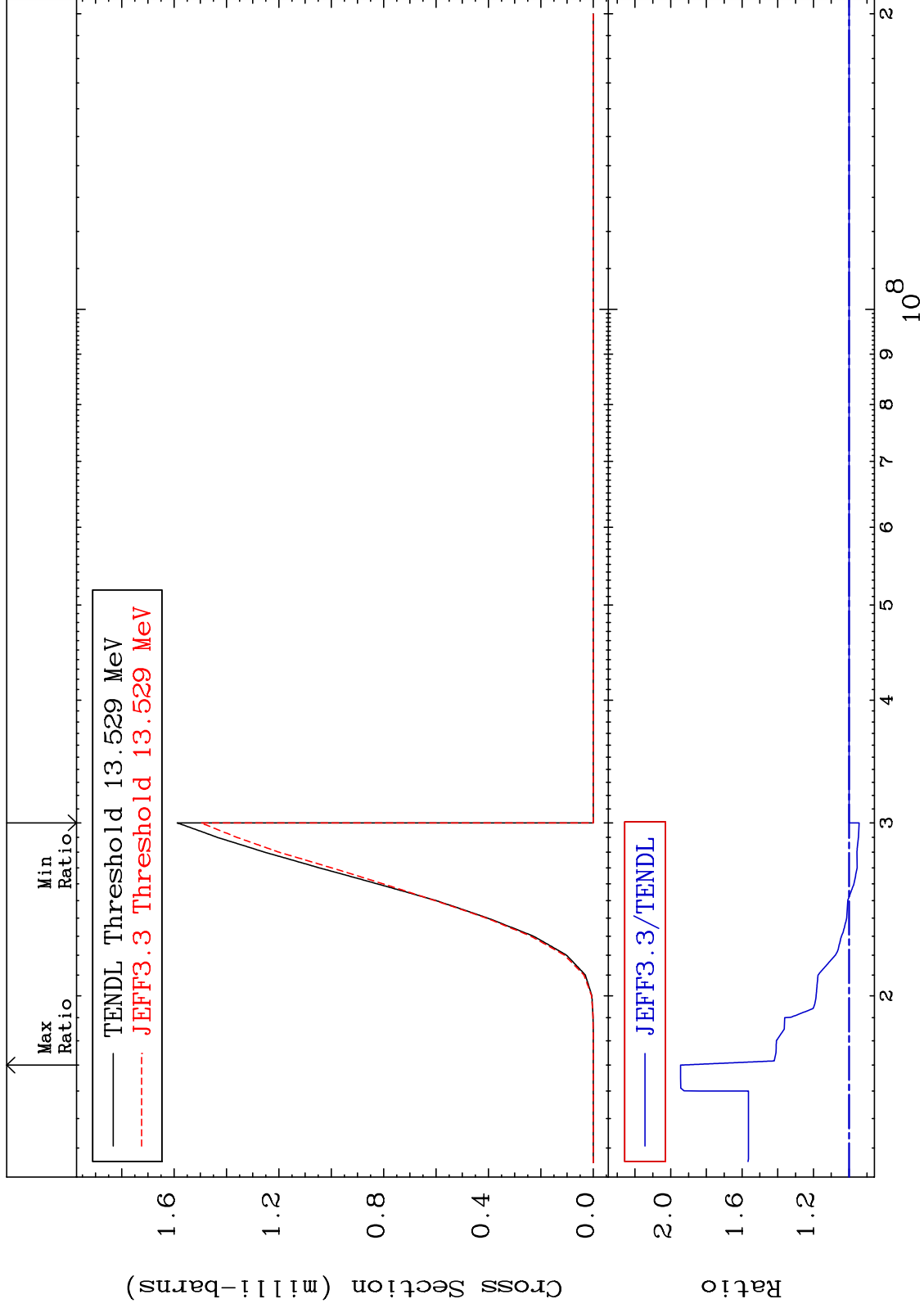


MAT 5528

(n, n') t:54-Xe-131g

55-Cs-134

Radionuclide Production Cross Section -5.655 To 94.44 %

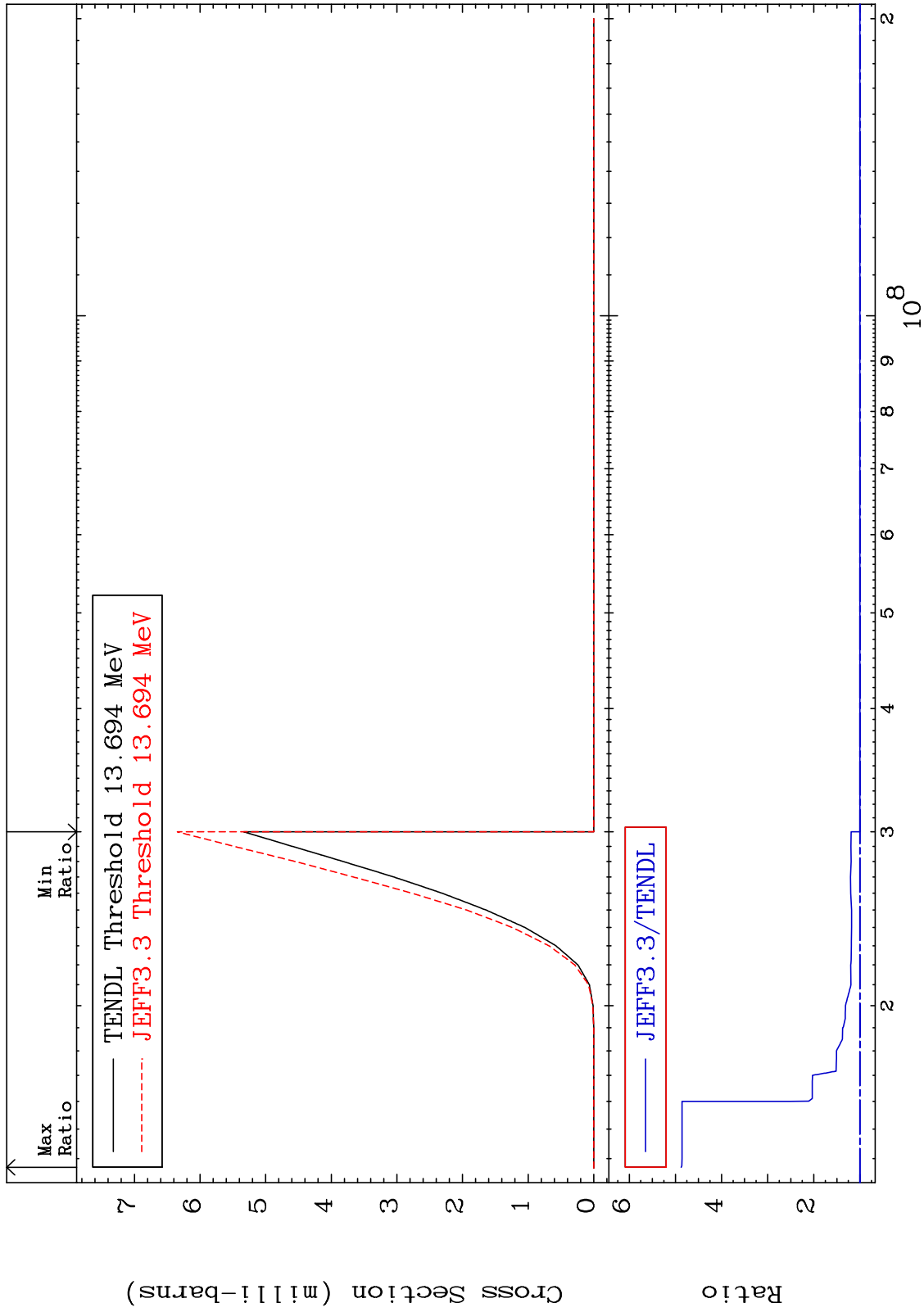


MAT 5528

(n, n') t:54-Xe-131m2

55-Cs-134

Radionuclide Production Cross Section 0.000 To 387.4 %

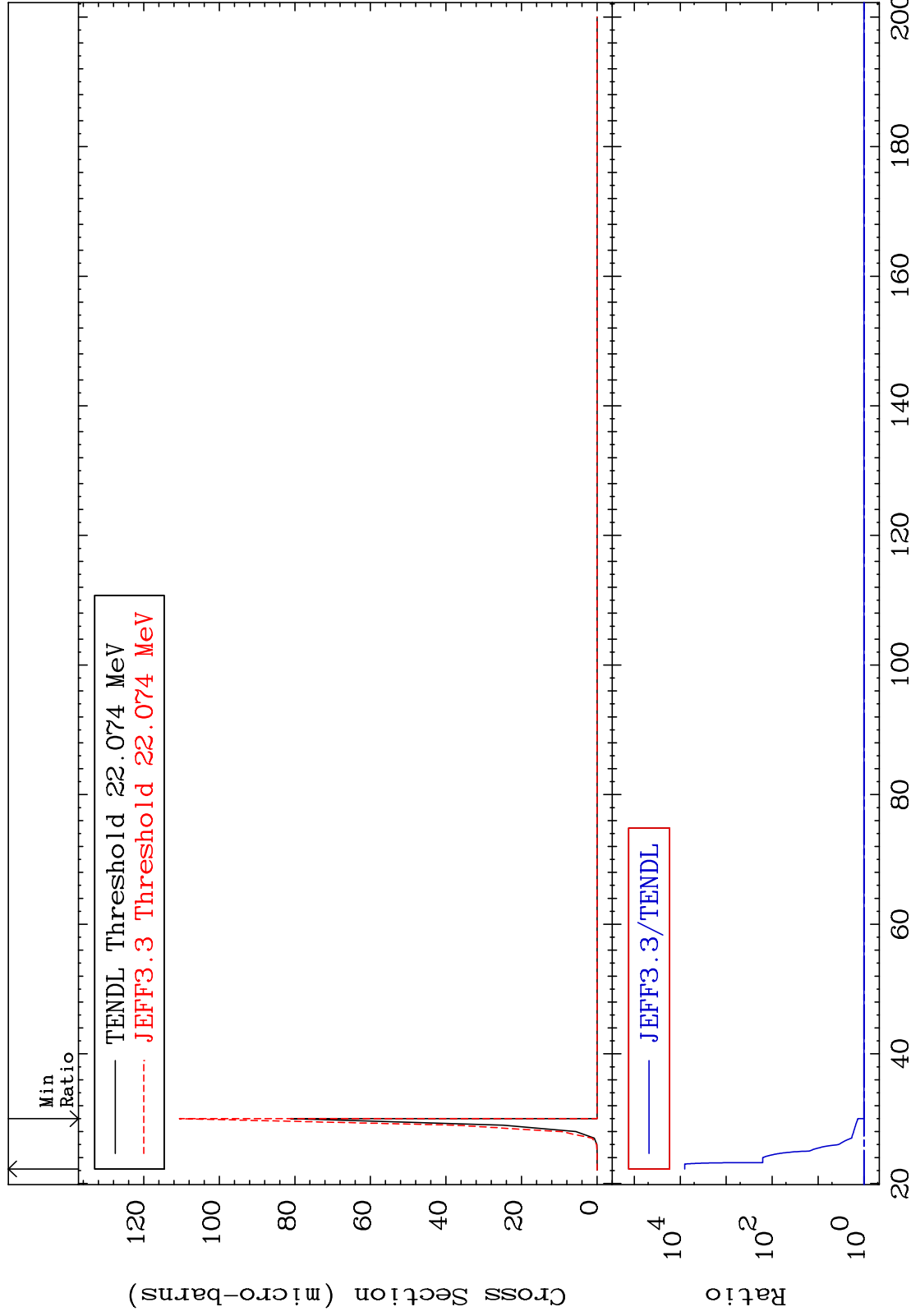


MAT 5528

(n,3n) p:54-Xe-131g

55-Cs-134

Radionuclide Production Cross Section 0.000 To 9999. %



93

Incident Energy (MeV)

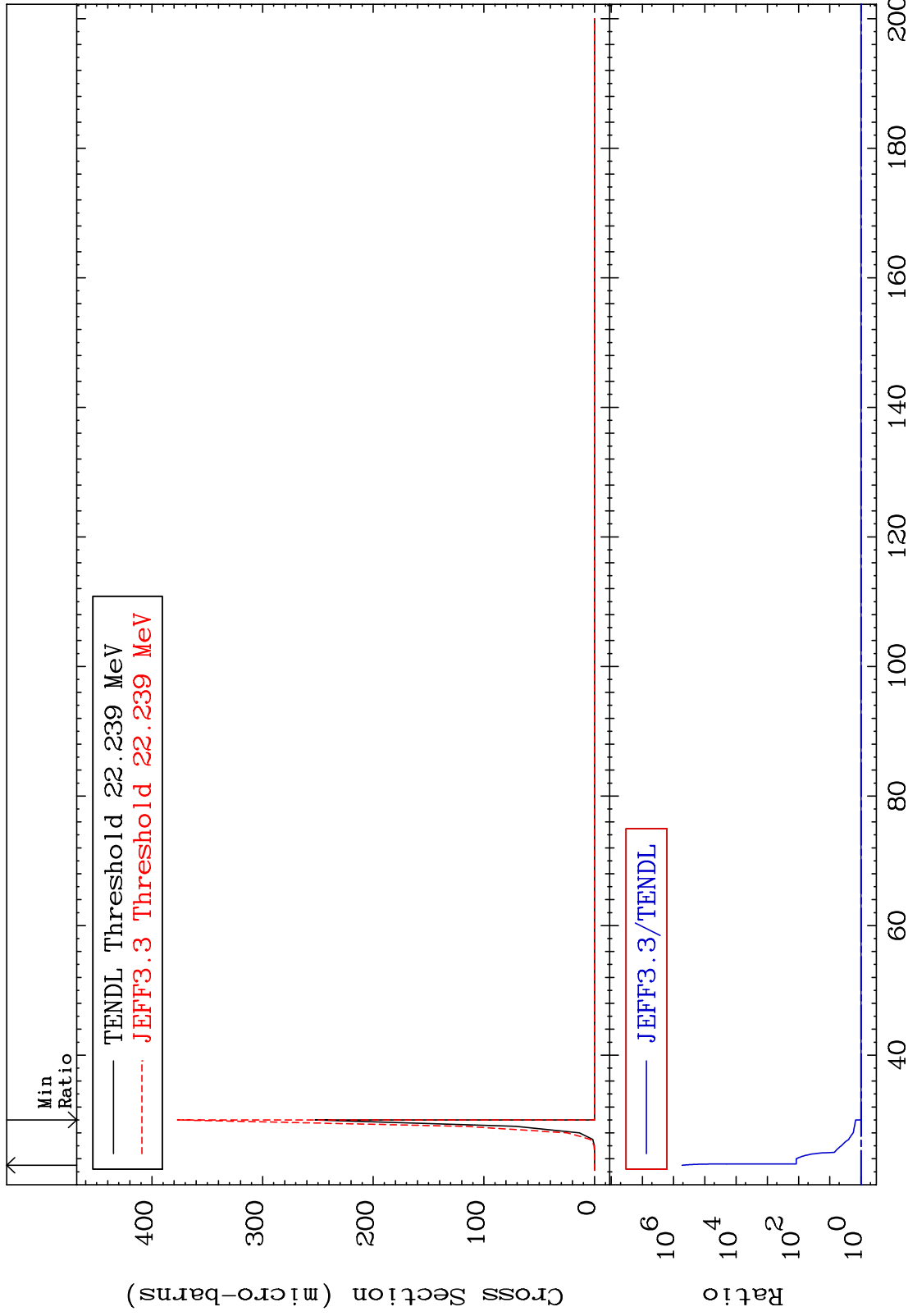
55-Cs-134

MAT 5528

(n,3n) p:54-Xe-131m2

55-Cs-134

Radionuclide Production Cross Section 0.000 To 9999. %

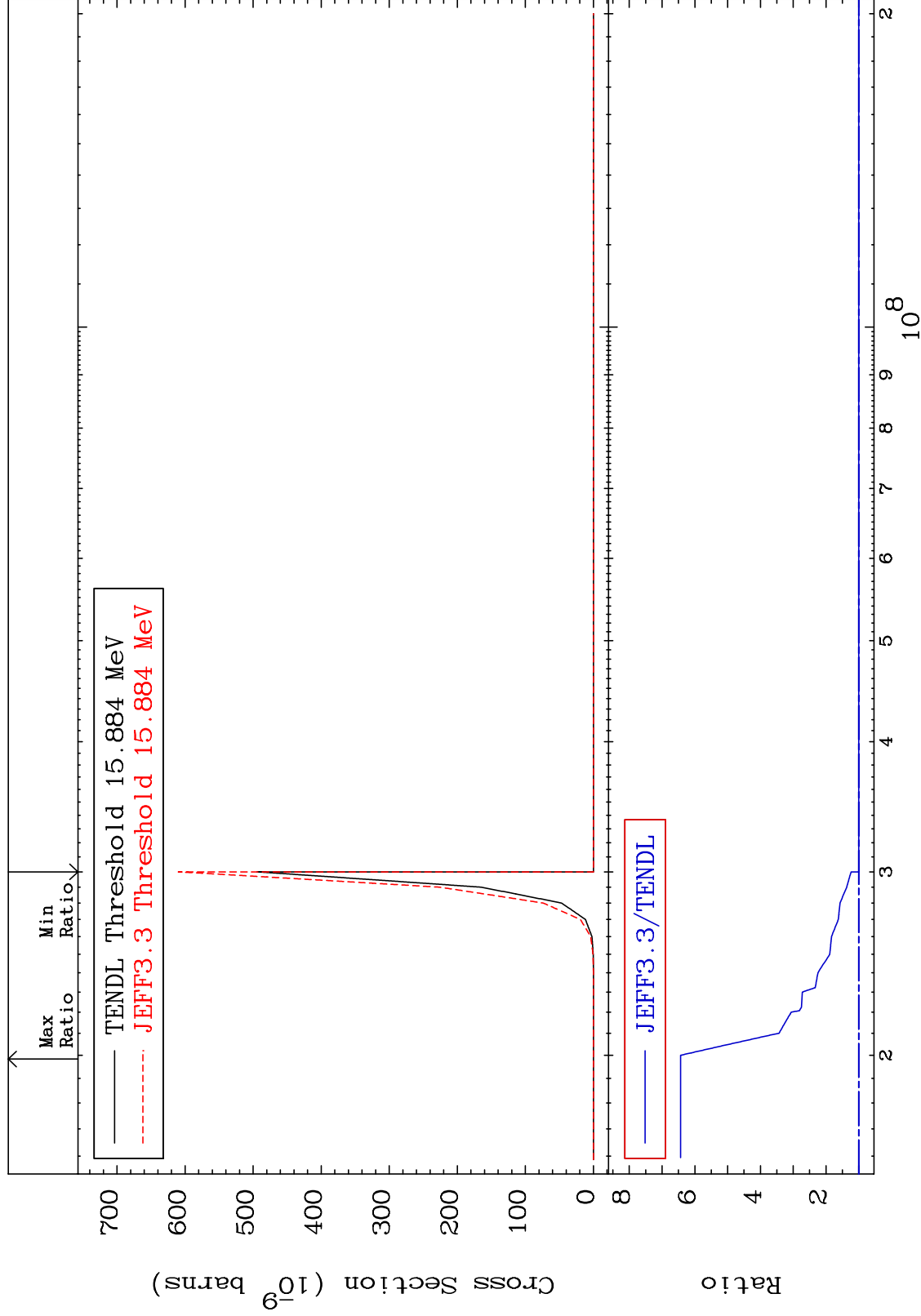


MAT 5528

(n,2n) p:53-I -132g

55-Cs-134

Radionuclide Production Cross Section 0.000 To 543.3 %



95

Incident Energy (eV)

55-Cs-134

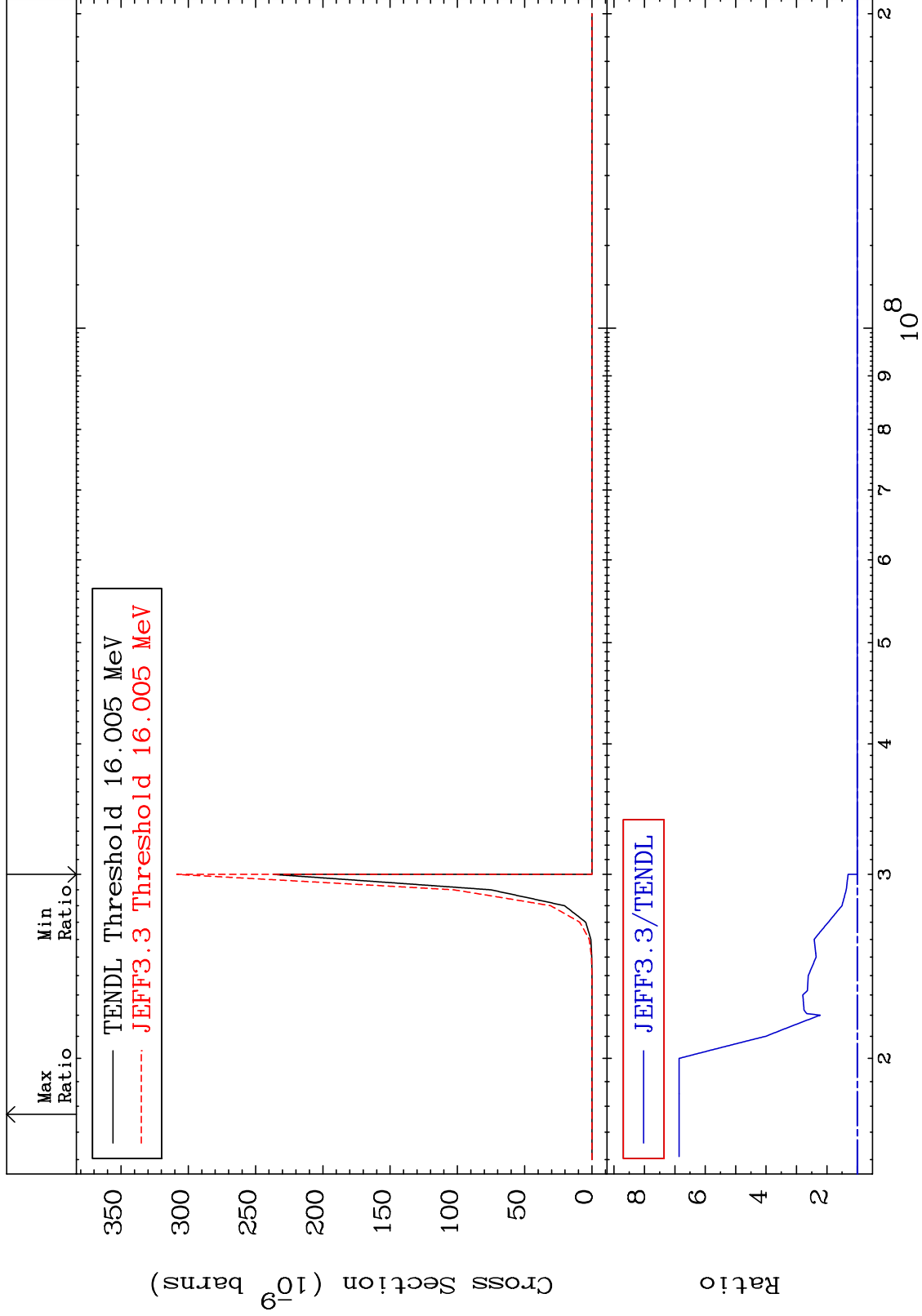


MAT 5528

(n,2n) p:53-I -132m3

55-Cs-134

Radionuclide Production Cross Section 0.000 To 585.9 %

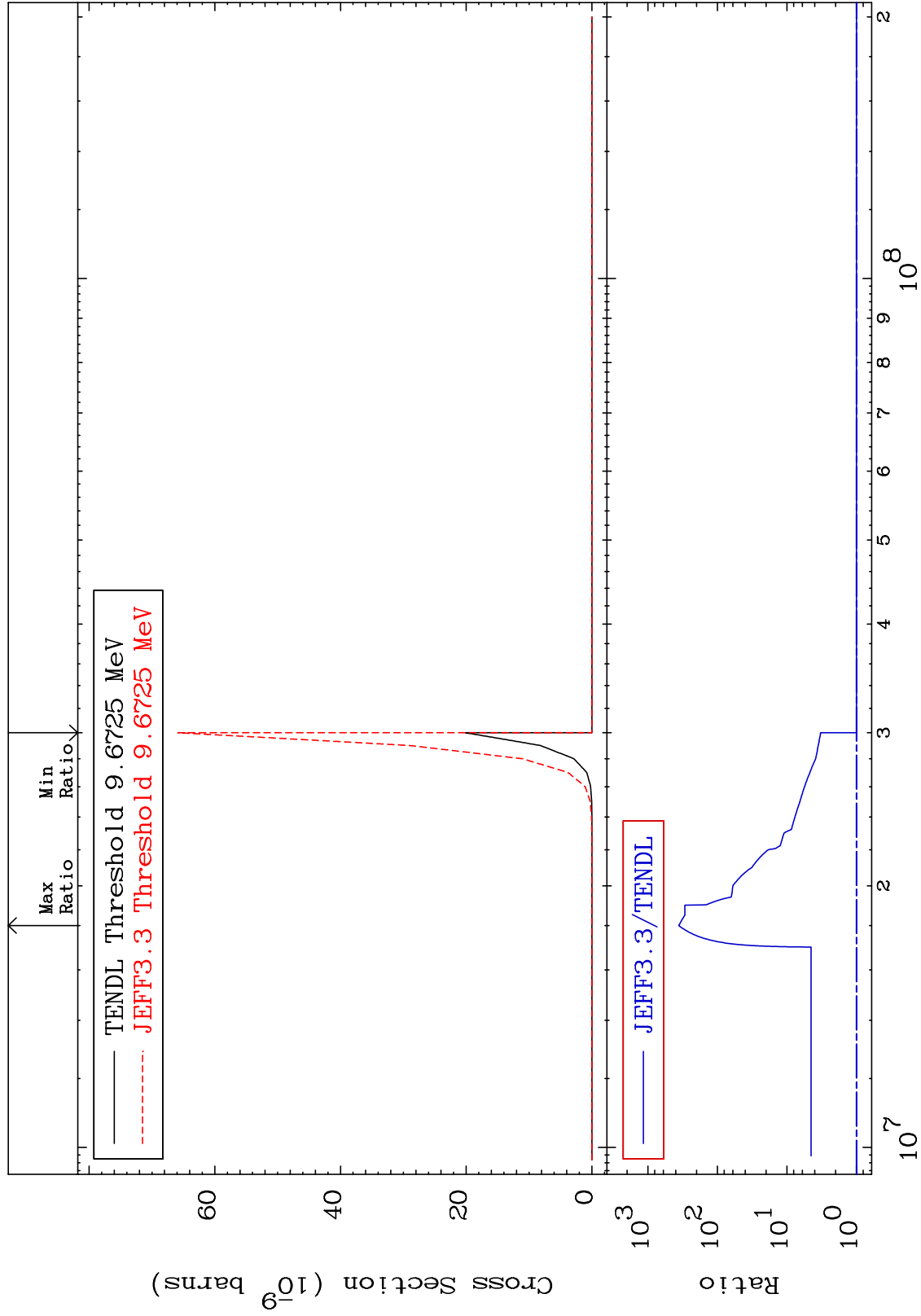


MAT 5528

(n, n') p  $\alpha$ :52-Te-129g

55-Cs-134

Radionuclide Production Cross Section 0.000 To 9999. %



55-Cs-134

Incident Energy (eV)

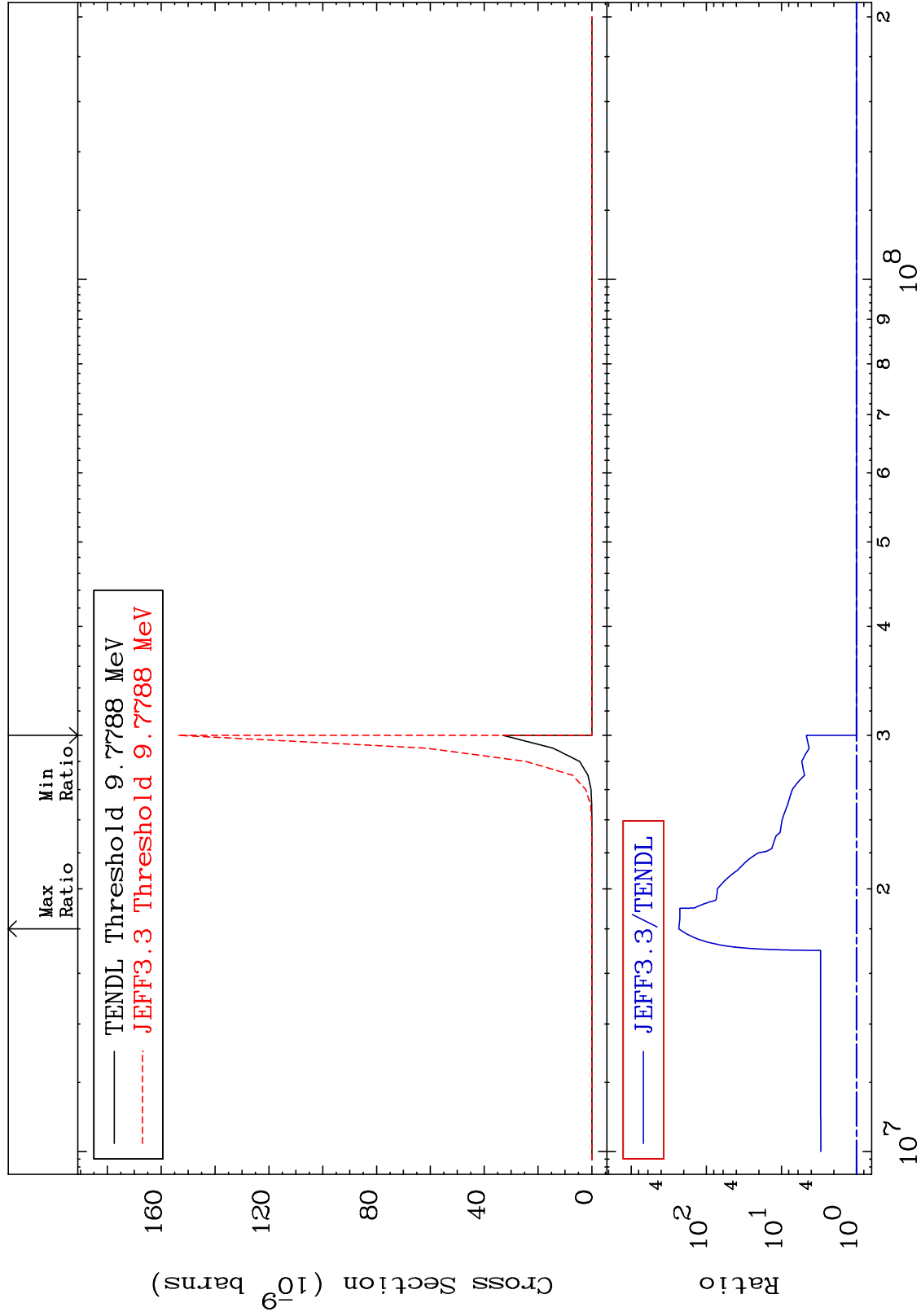
97

MAT 5528

(n, n') p  $\alpha$ :52-Te-129m1

55-Cs-134

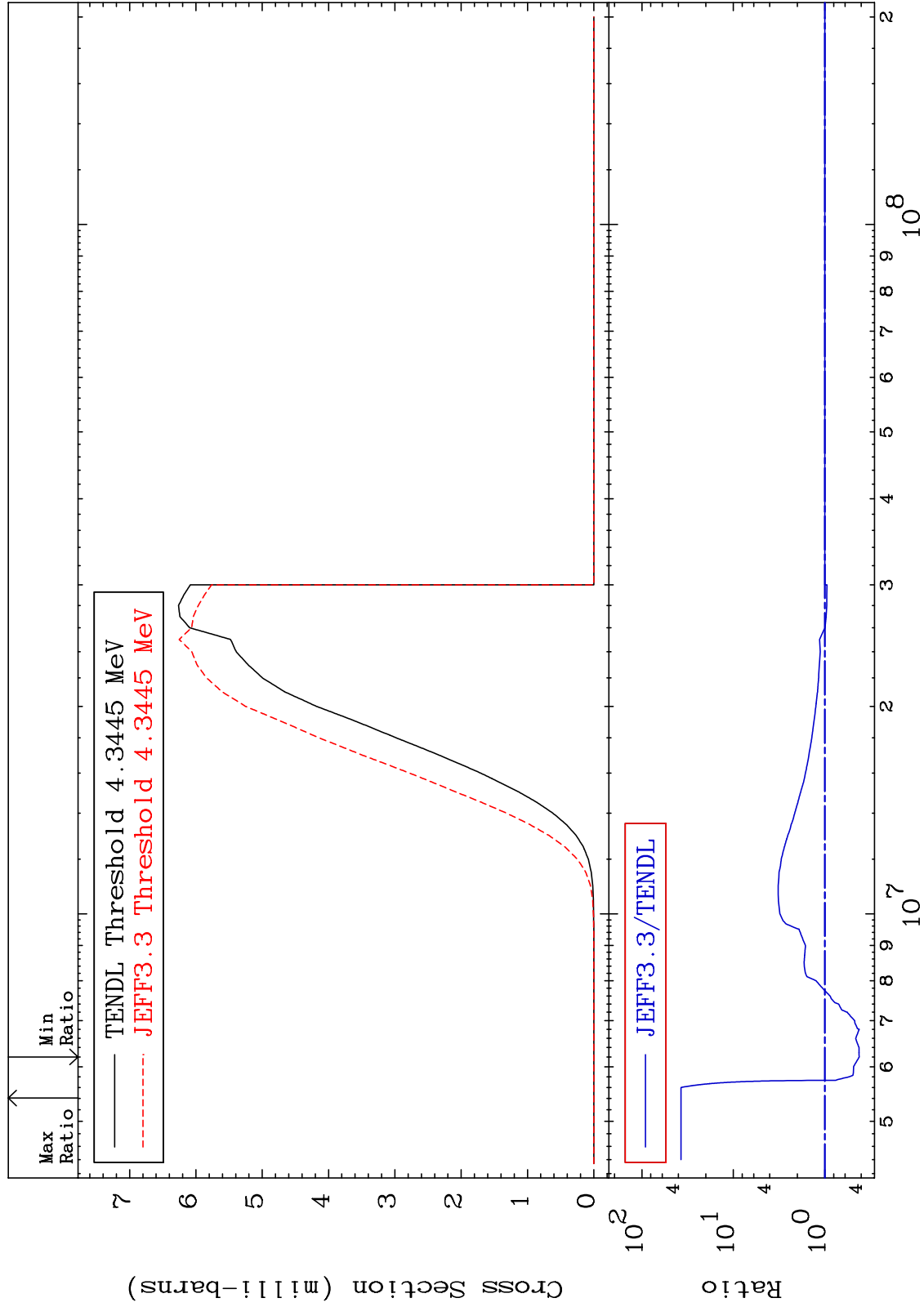
Radionuclide Production Cross Section 0.000 To 9999. %



55-Cs-134

Incident Energy (eV)

98



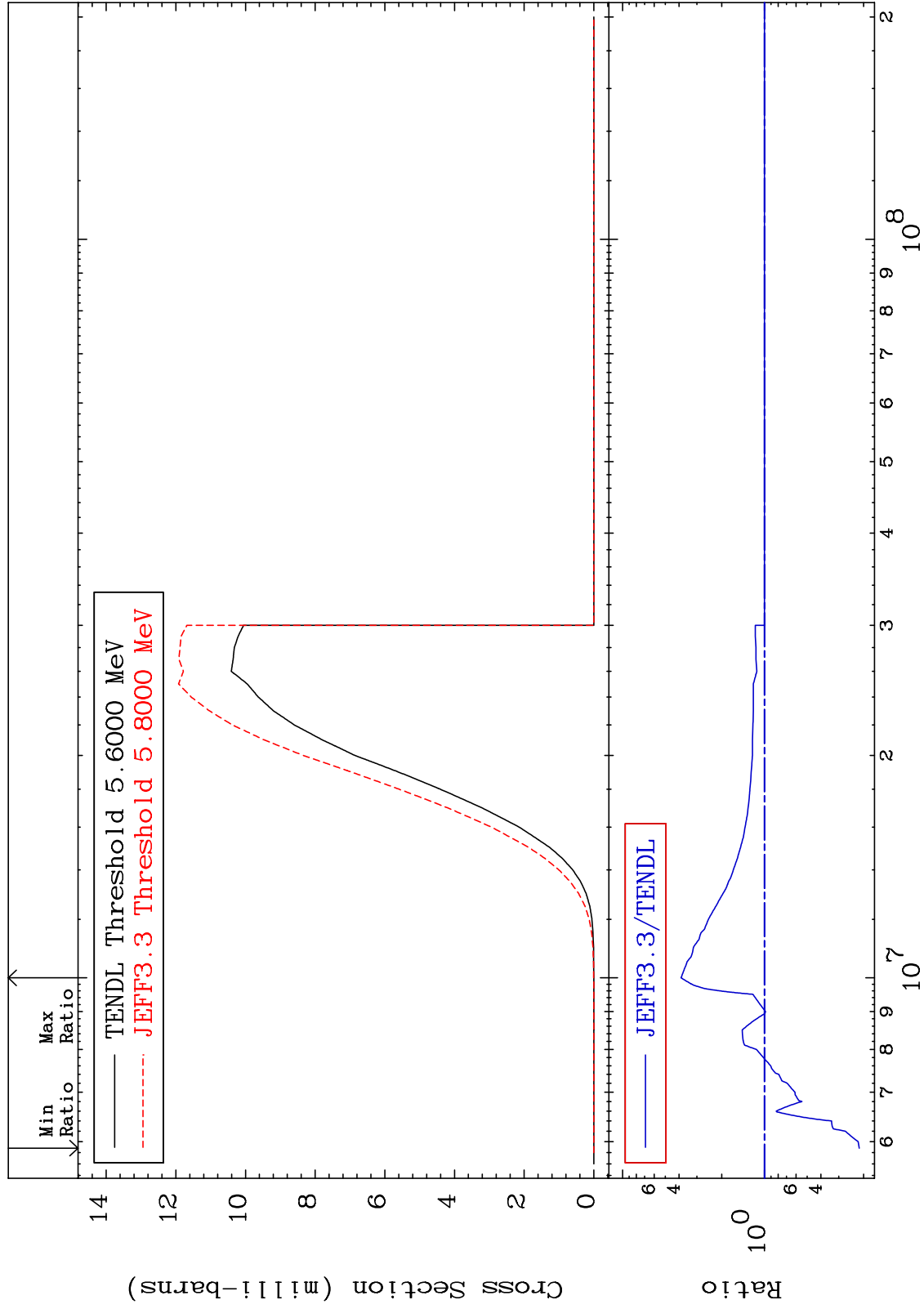
MAT 5528

(n,d):54-Xe-133m1

55-Cs-134

Radionuclide Production Cross Section

-78.51 To 287.5 %



100

Incident Energy (eV)

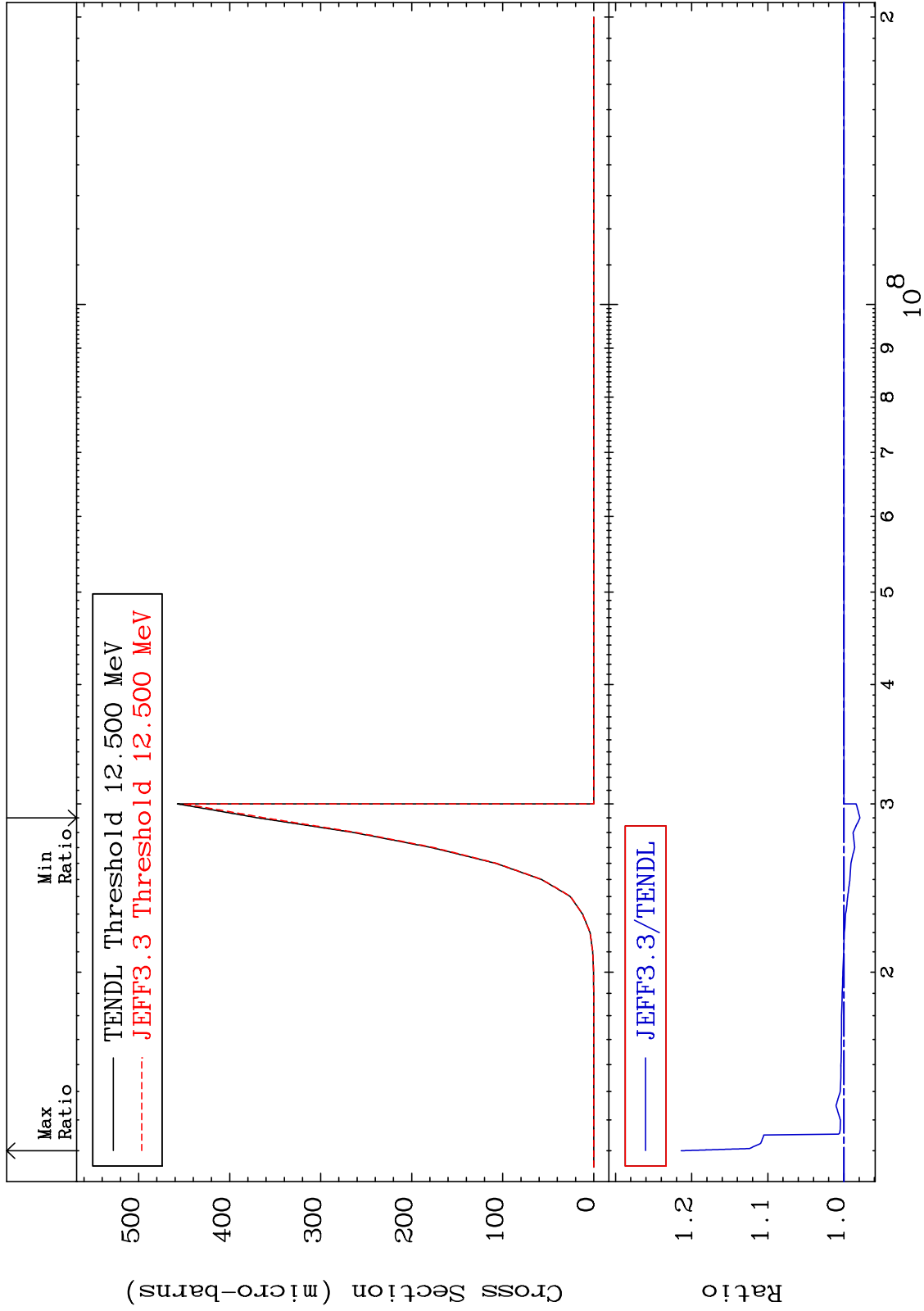
55-Cs-134

MAT 5528

(n,He-3):53-I -132g

55-Cs-134

Radionuclide Production Cross Section -2.106 To 21.37 %

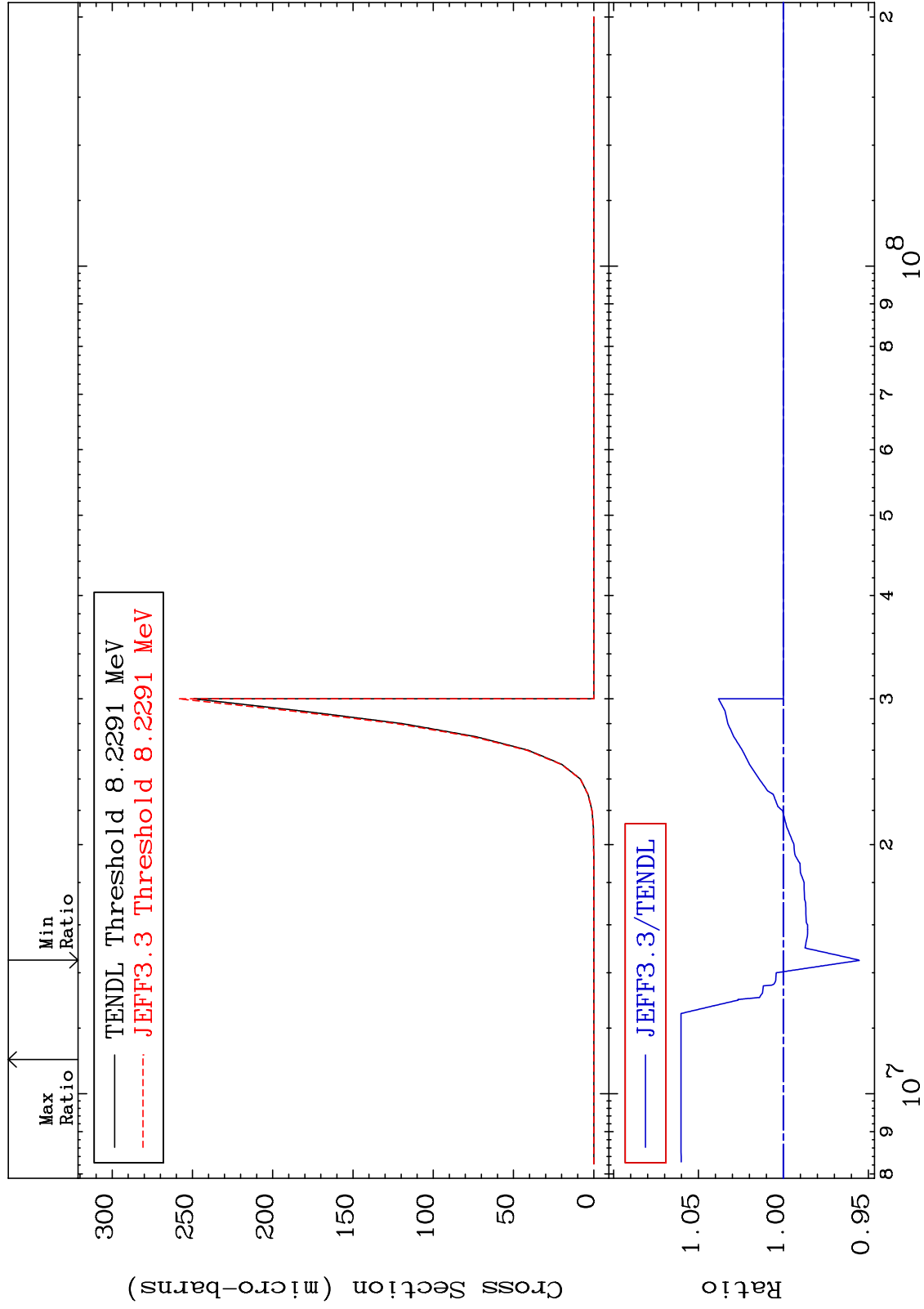


MAT 5528

(n, He-3):53-I -132m3

55-Cs-134

Radionuclide Production Cross Section -4.465 To 6.028 %



102

Incident Energy (eV)

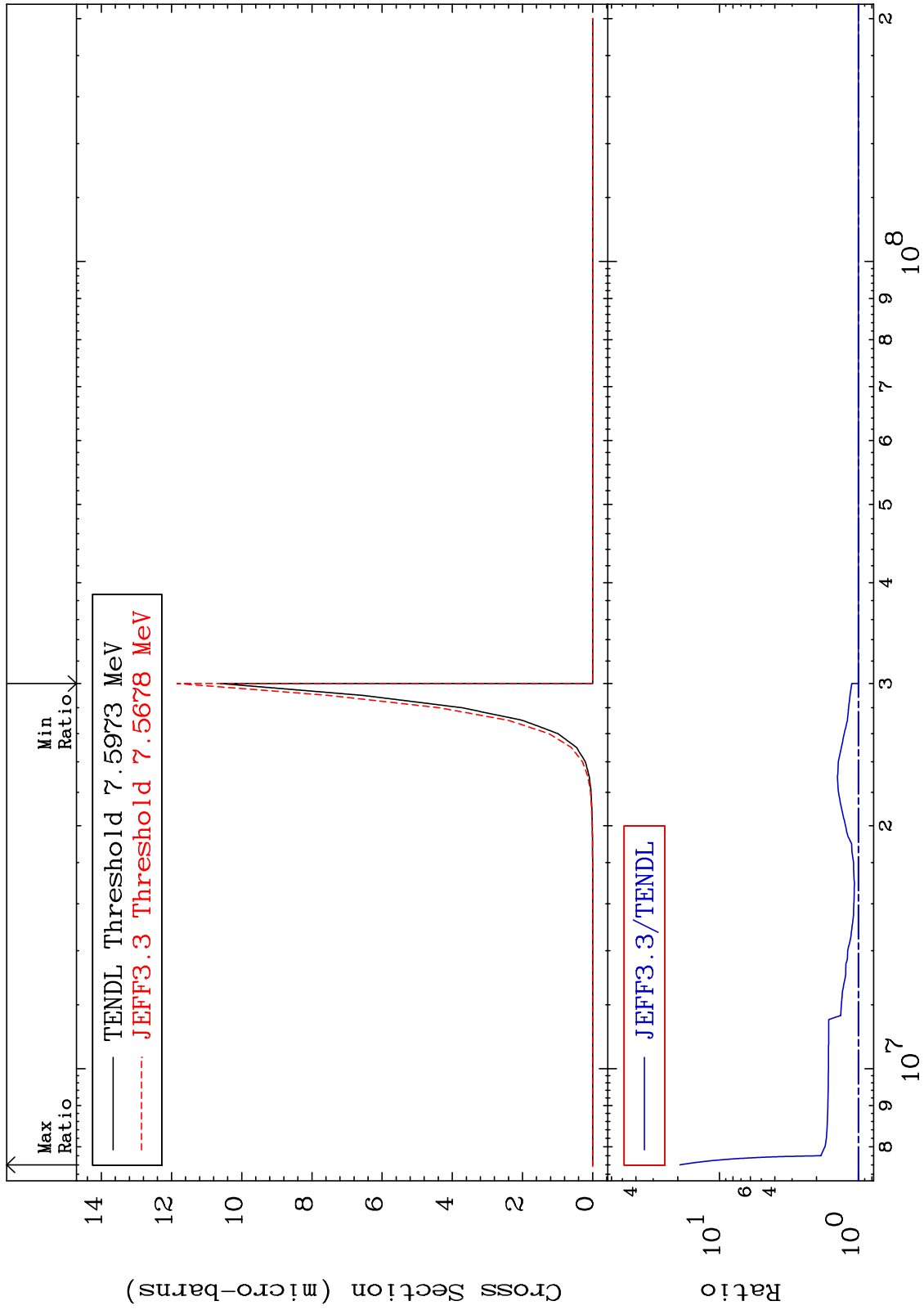
55-Cs-134

MAT 5528

(n,2p):53-I -133g

55-Cs-134

Radionuclide Production Cross Section 0.000 To 1823. %



103

Incident Energy (eV)

55-Cs-134



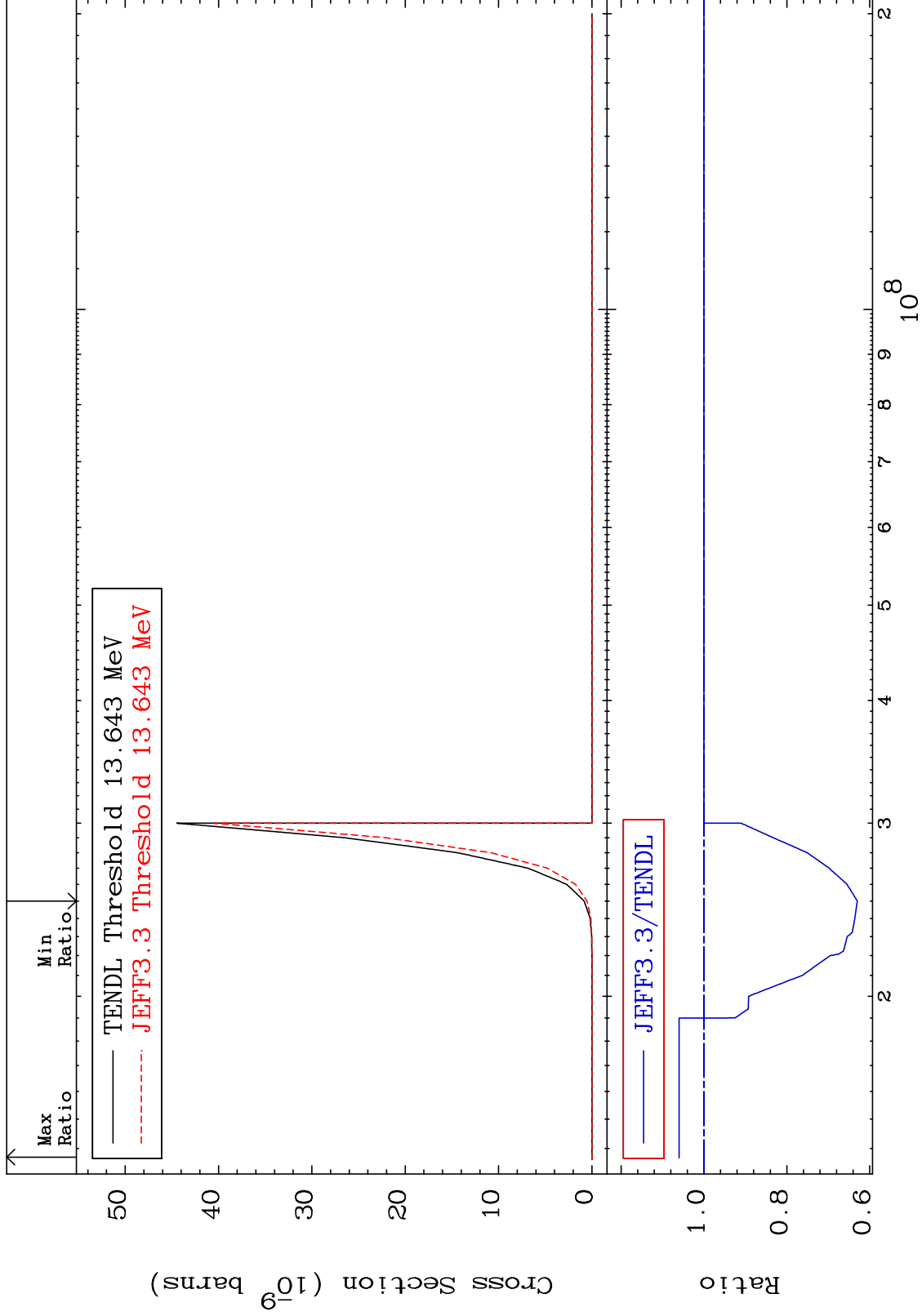
MAT 5528

(n, p) d:53-I -132g

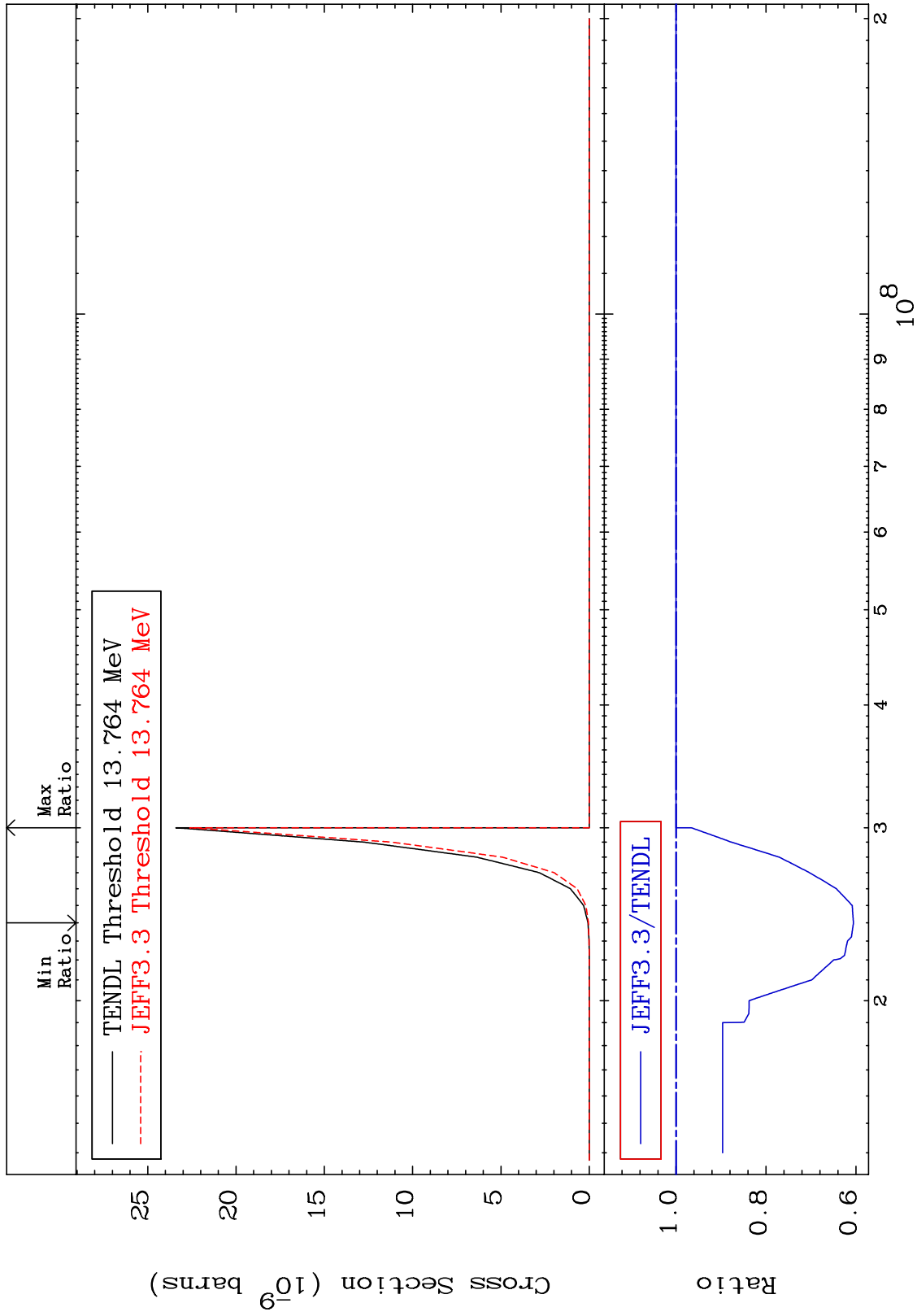
55-Cs-134

Radionuclide Production Cross Section

-37.01 To 5.980 %



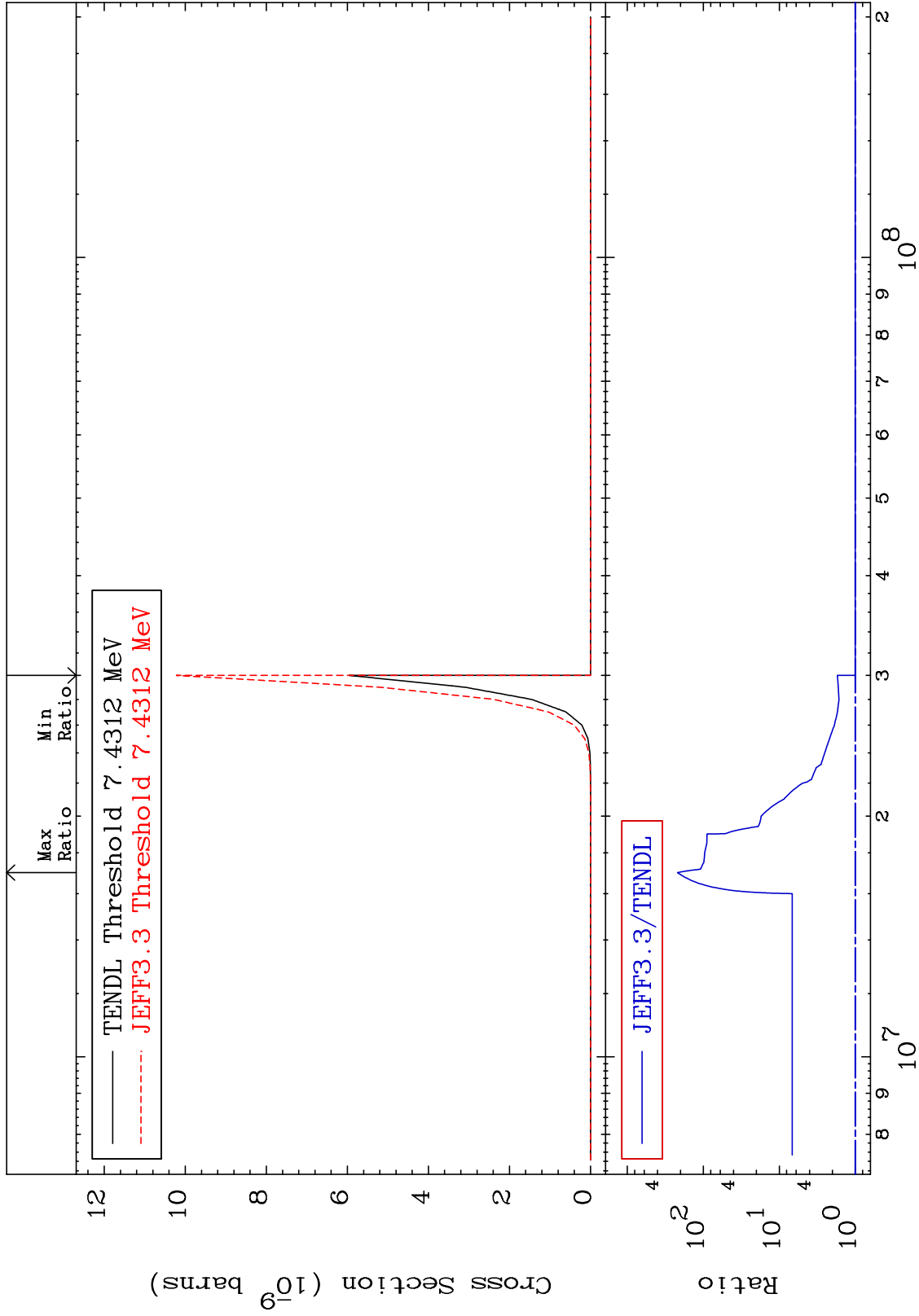
Radionuclide Production Cross Section -39.42 To 0.000 %



MAT 5528

(n, d)  $\alpha$ :52-Te-129g  
Radionuclide Production Cross Section 0.000 To 9999. %

55-Cs-134



55-Cs-134

Incident Energy (eV)

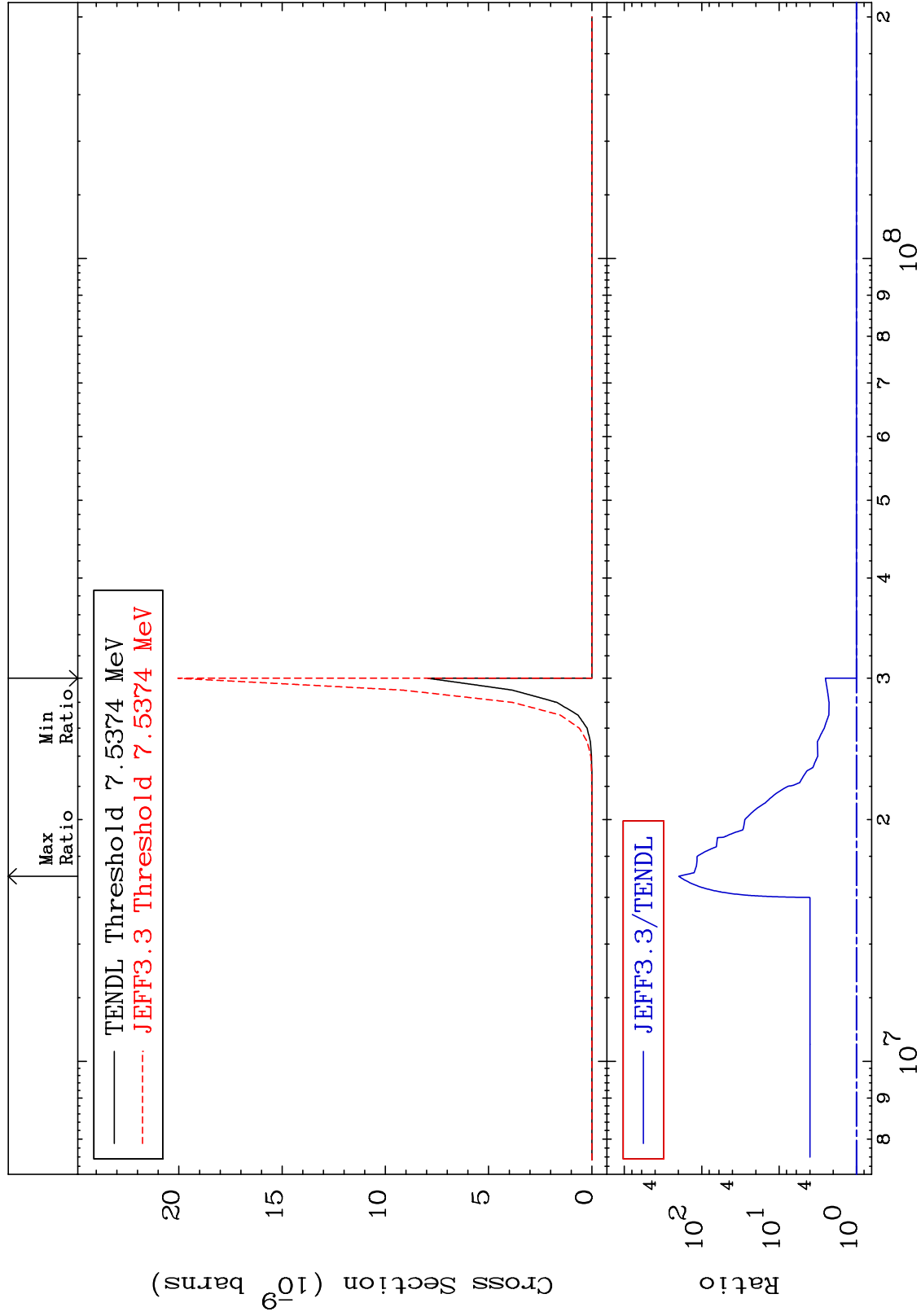
106

MAT 5528

(n,d)  $\alpha$ :52-Te-129m1

55-Cs-134

Radionuclide Production Cross Section 0.000 To 9999. %



107

Incident Energy (eV)

55-Cs-134