

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

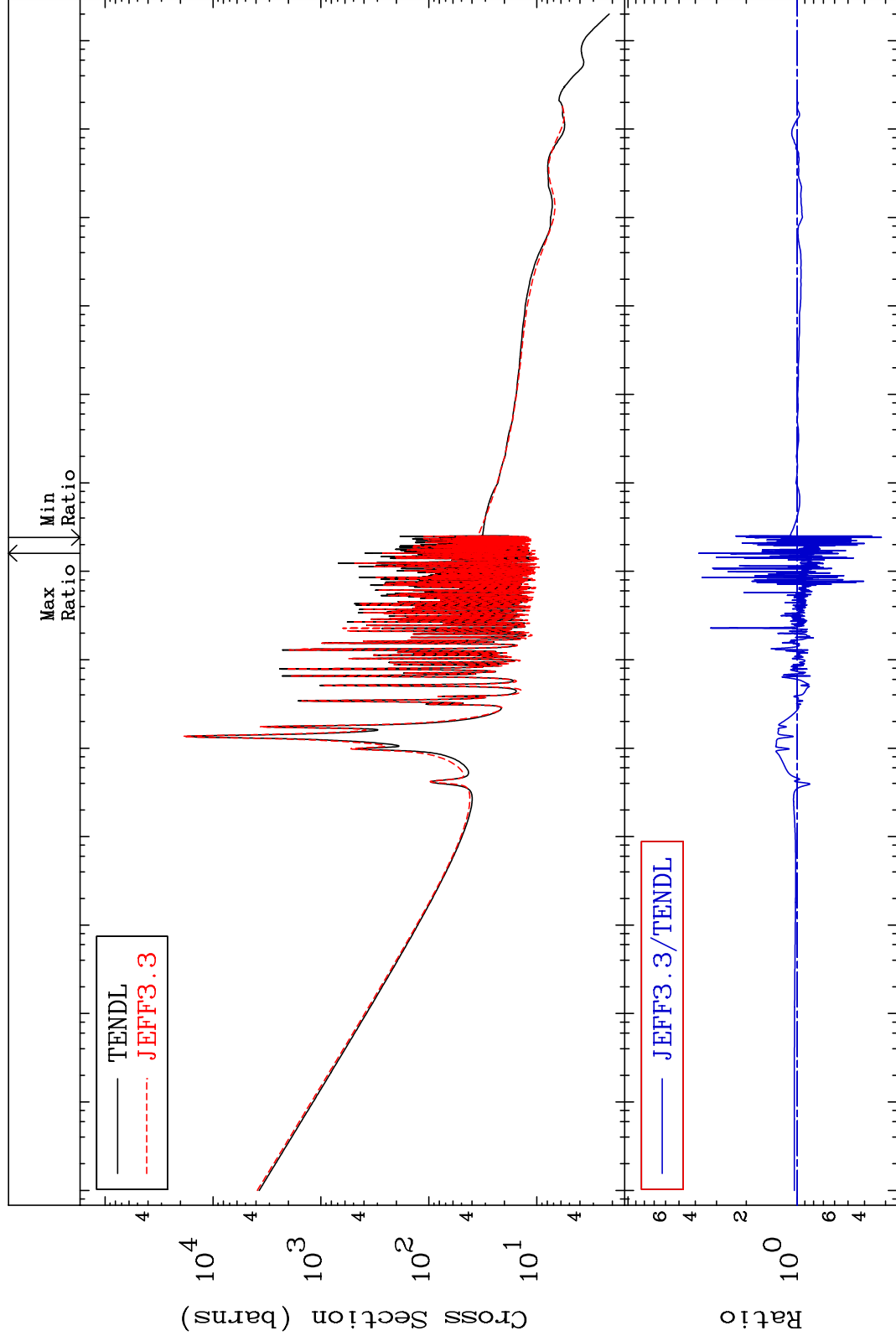
MAT 9549

Total

95-Am-243

Cross Section

-68.31 To 282.0 %



95-Am-243

Incident Energy (eV)

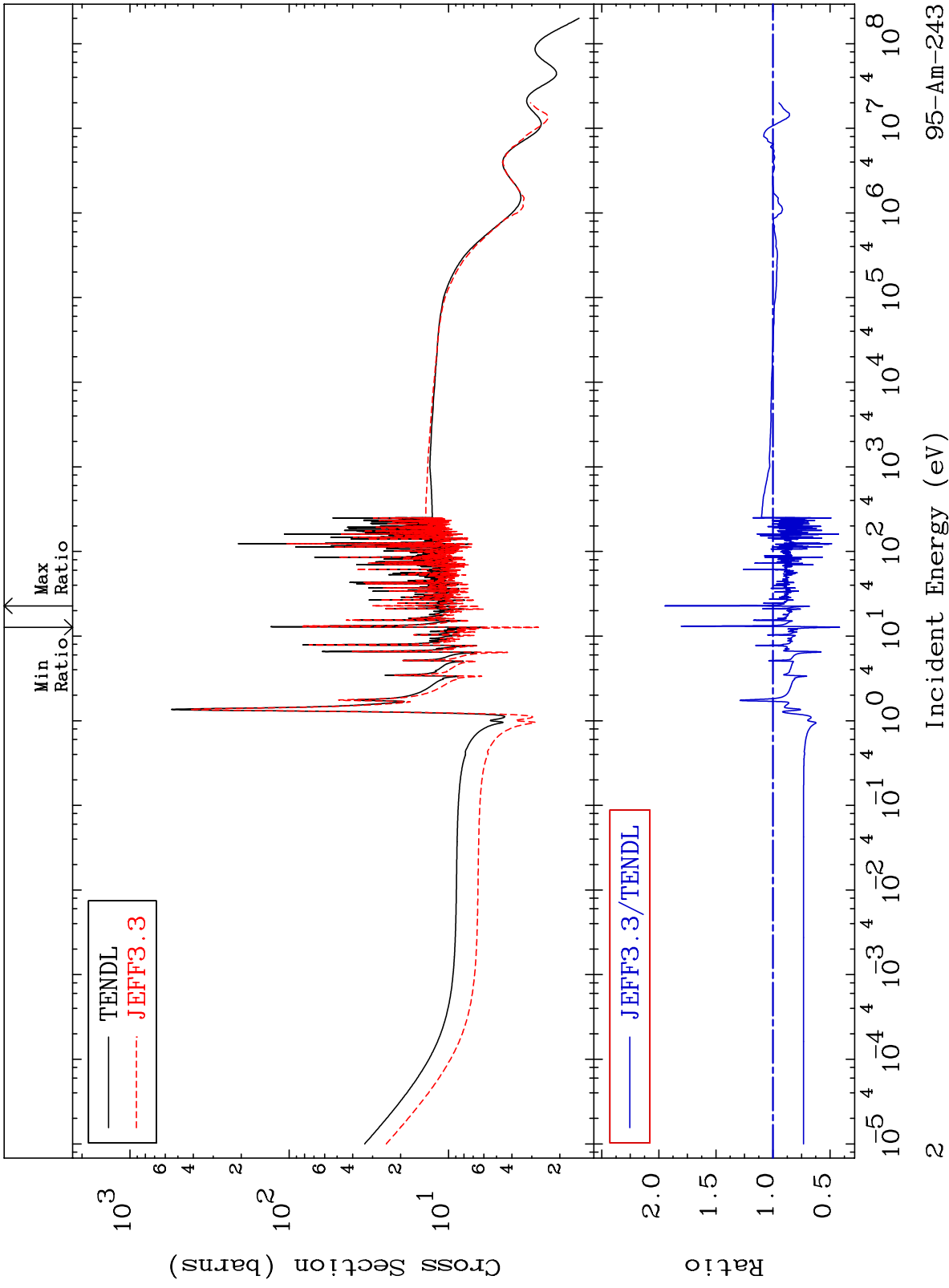
MAT 9549

Elastic

95-Am-243

Cross Section

-58.45 To 94.84 %



95-Am-243

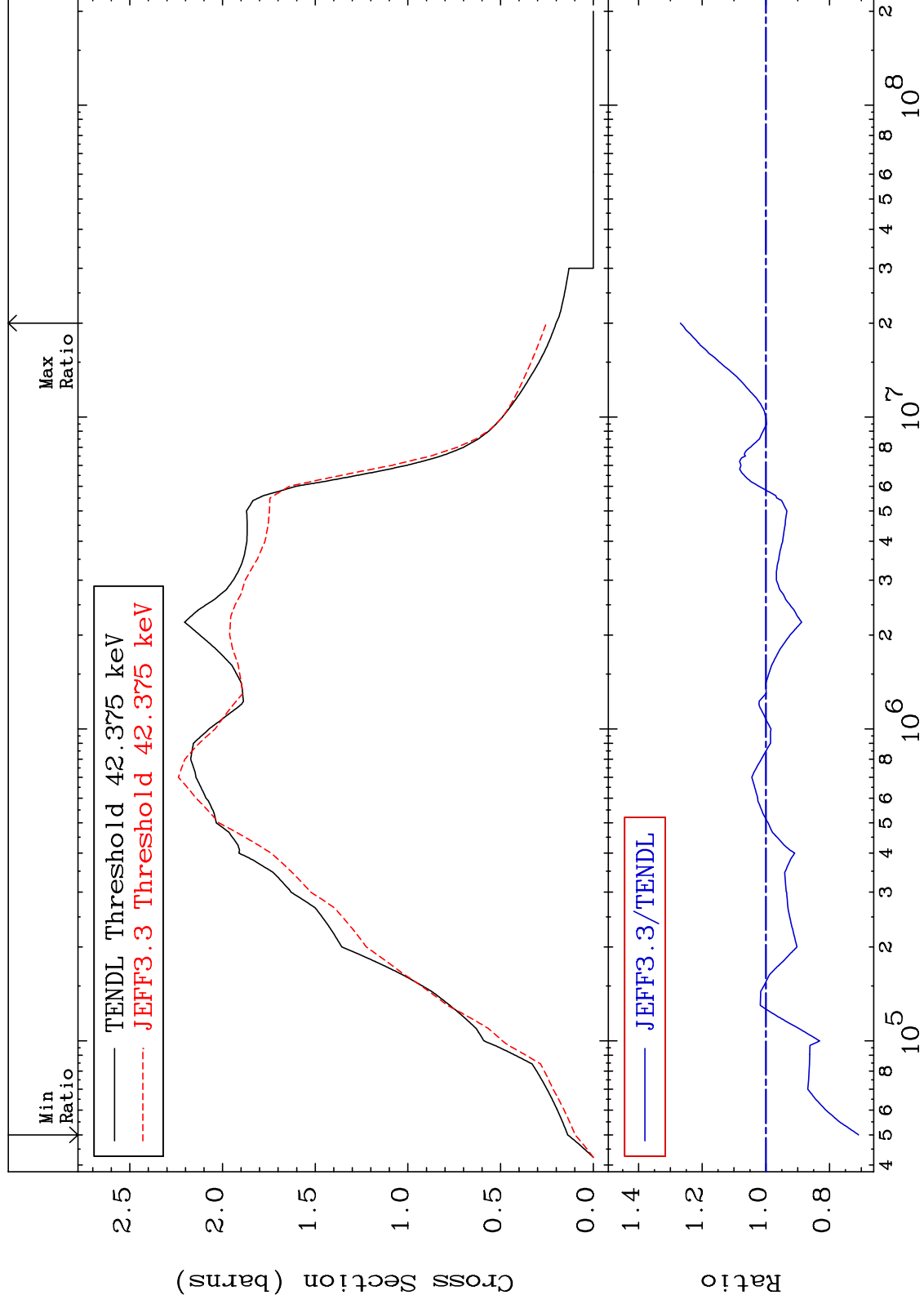
Incident Energy (eV)

2

MAT 9549

Inelastic  
Cross Section

95-Am-243  
-29.10 To 26.83 %



3

Incident Energy (eV)

95-Am-243

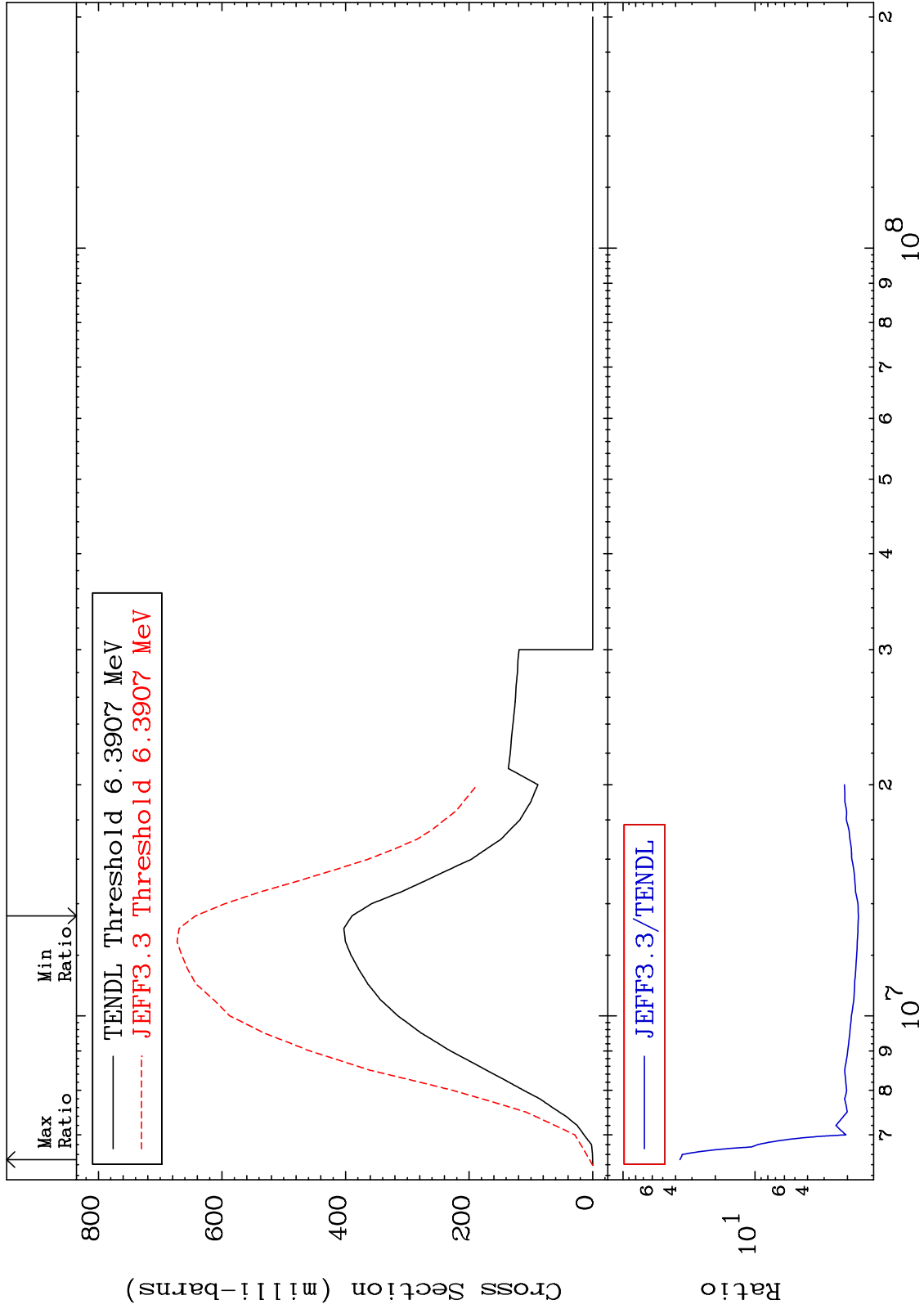
MAT 9549

(n,2n)

95-Am-243

Cross Section

65.02 To 3597. %



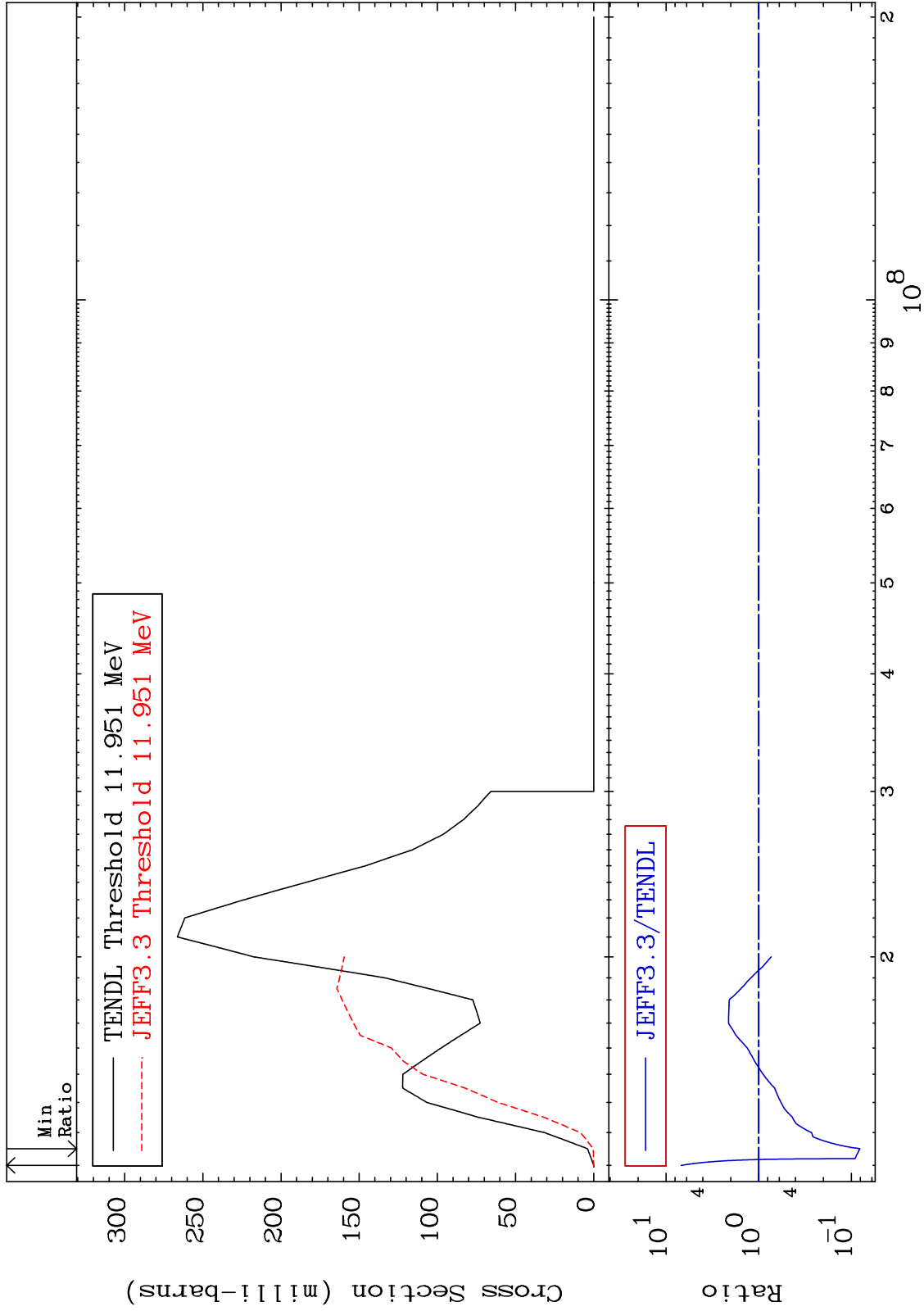
MAT 9549

(n, 3n)

95-Am-243

Cross Section

-91.94 To 584.8 %



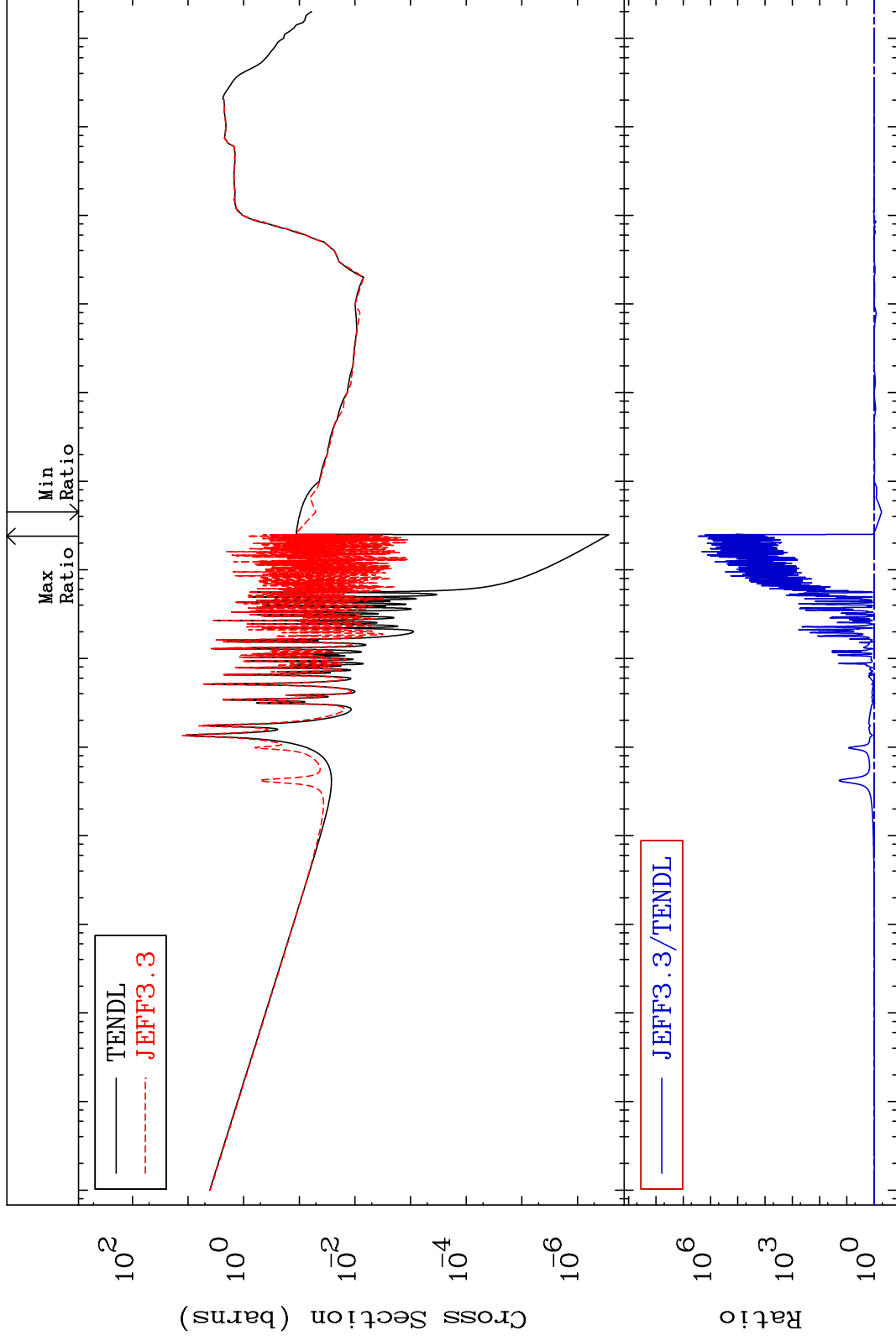
MAT 9549

Fission

95-Am-243

-46.64 To 9999. %

Cross Section



6

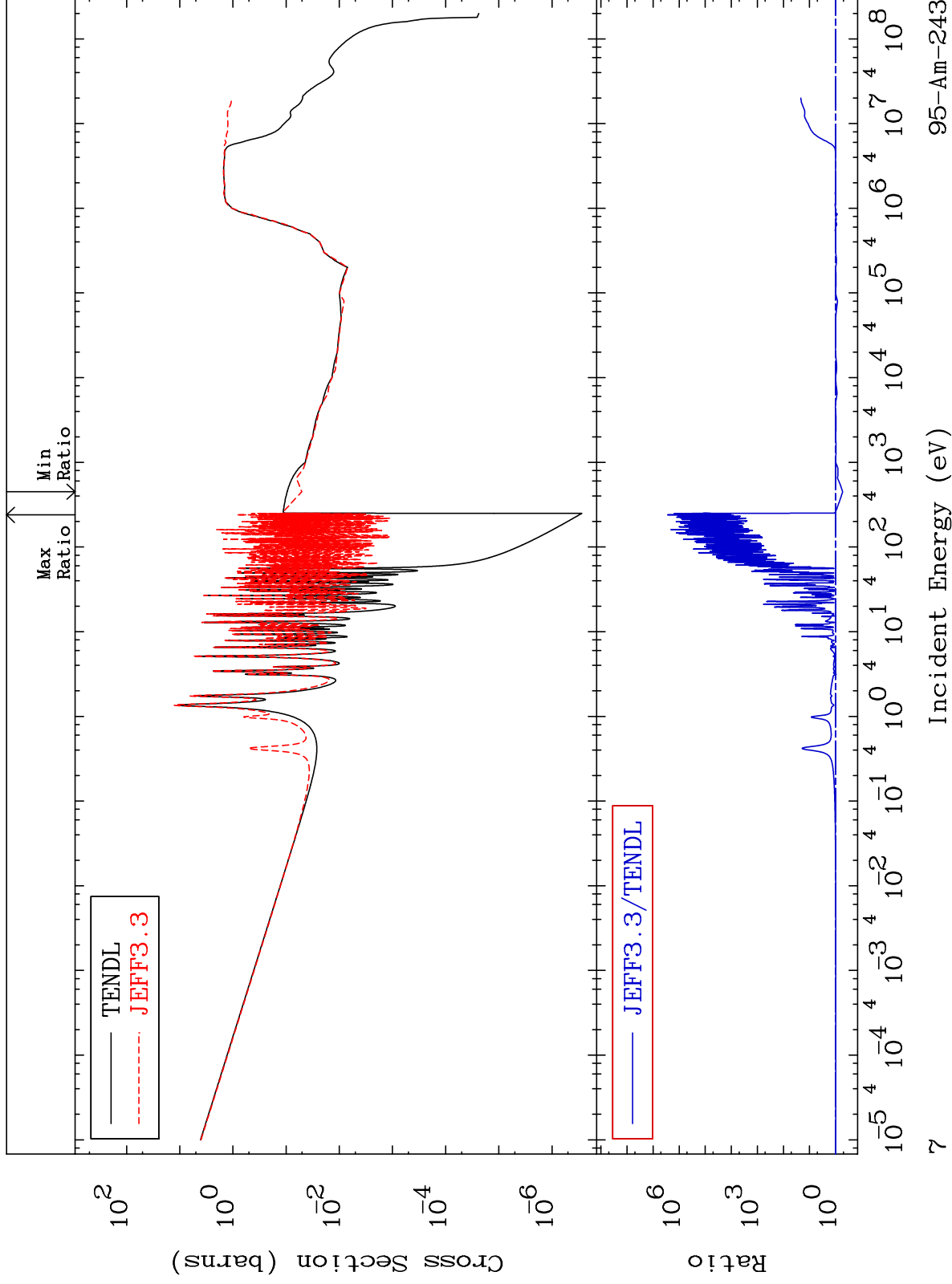
Incident Energy (eV)

95-Am-243

MAT 9549

(n,f) First Chance  
Cross Section

95-Am-243  
-46.64 To 9999. %



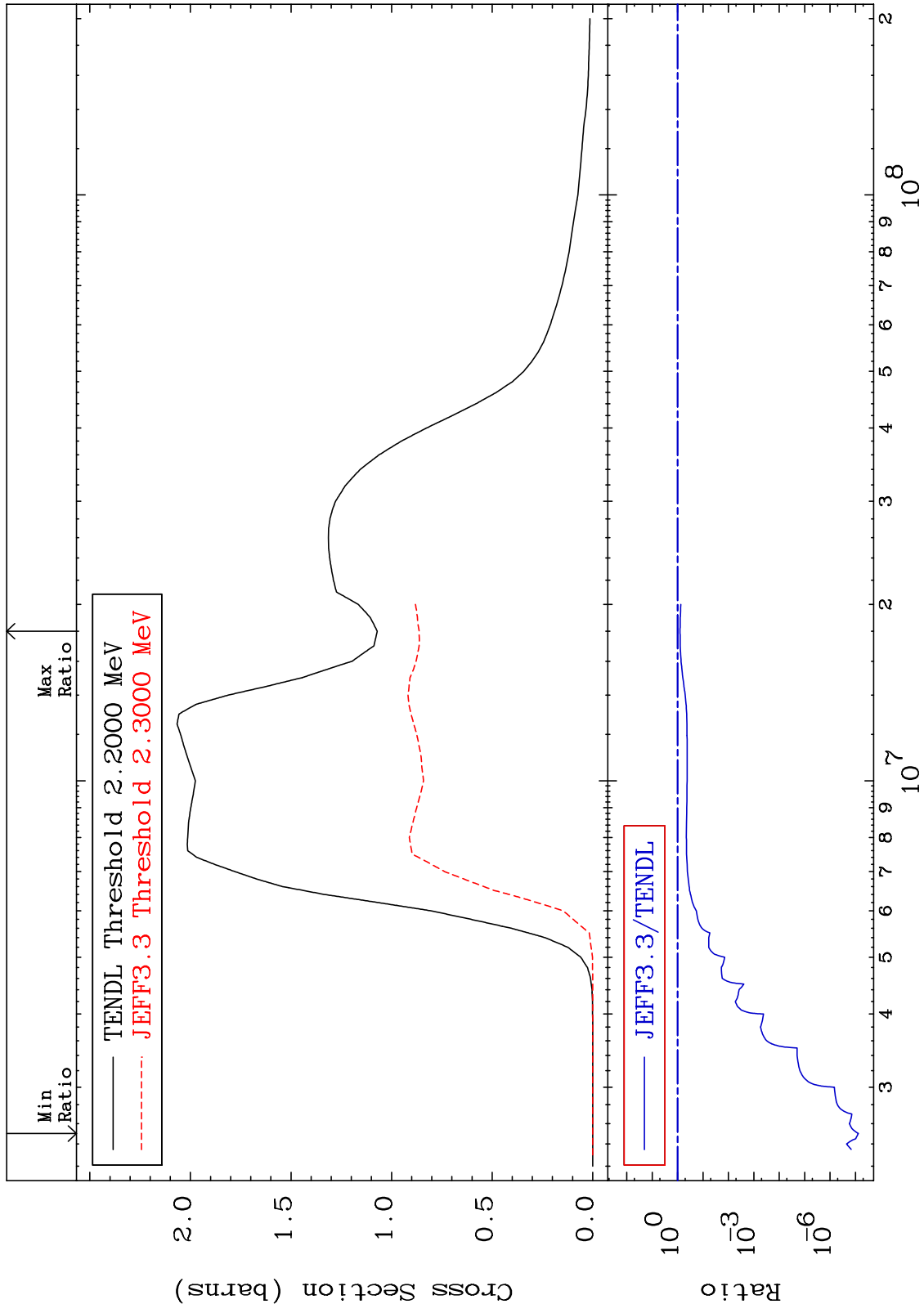
95-Am-243



MAT 9549

(n, nf) Second Chance  
Cross Section

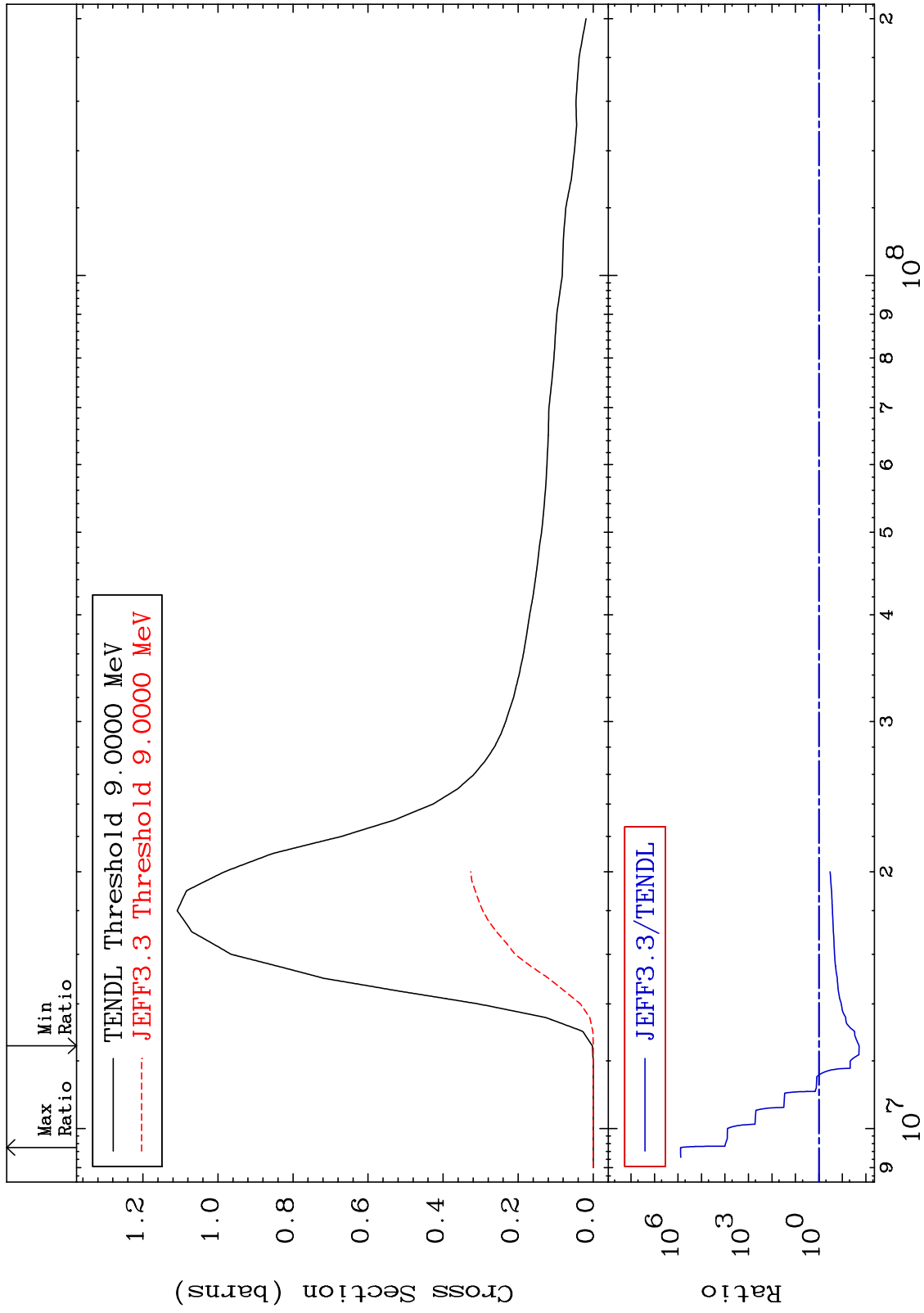
95-Am-243  
-100.0 To -19.42%



MAT 9549

(n,2nf) Third Chance  
Cross Section

95-Am-243  
-98.06 To 9999. %



9

Incident Energy (eV)

95-Am-243

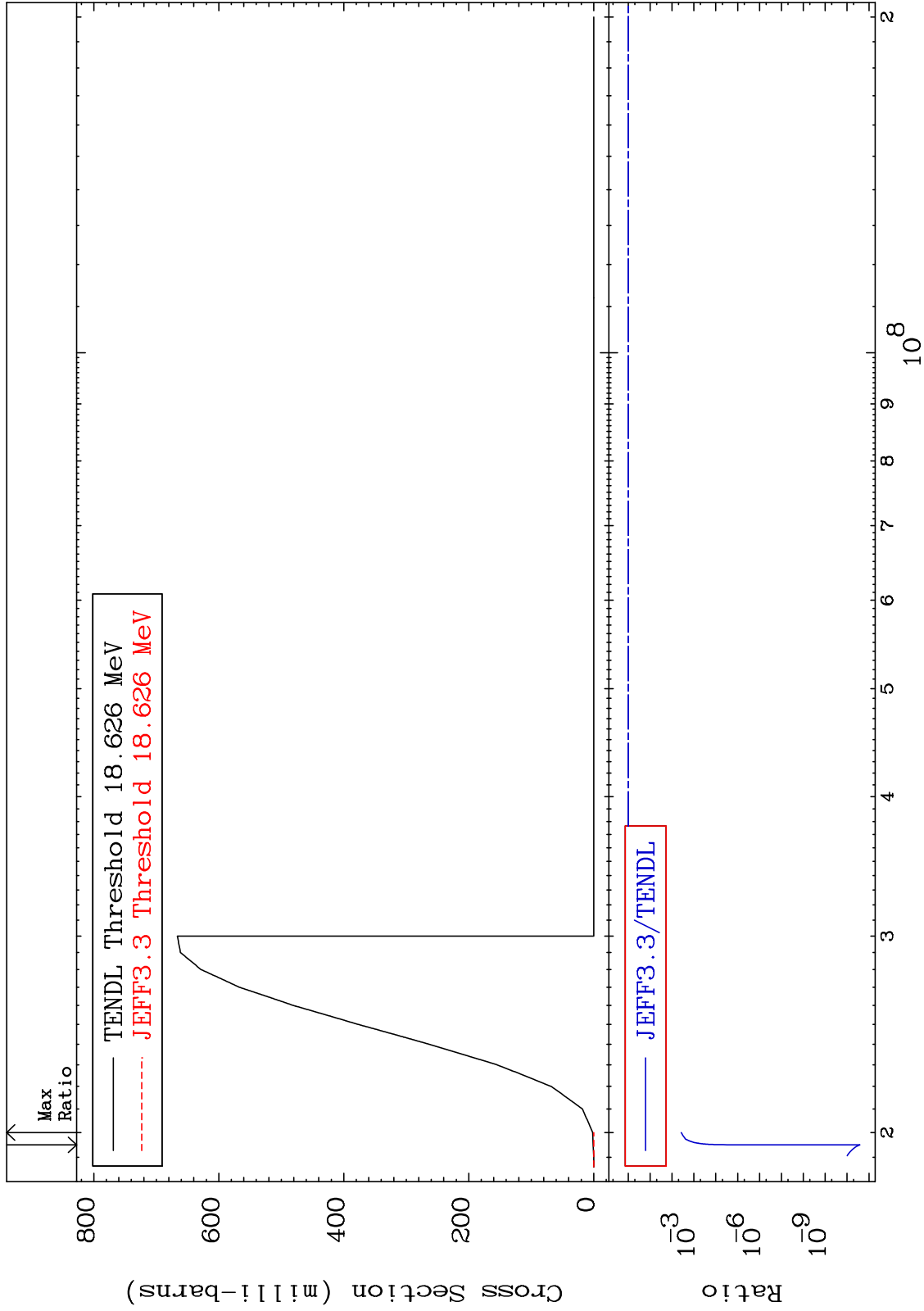
MAT 9549

(n, 4n)

95-Am-243

Cross Section

-100.0 To -99.62%



10

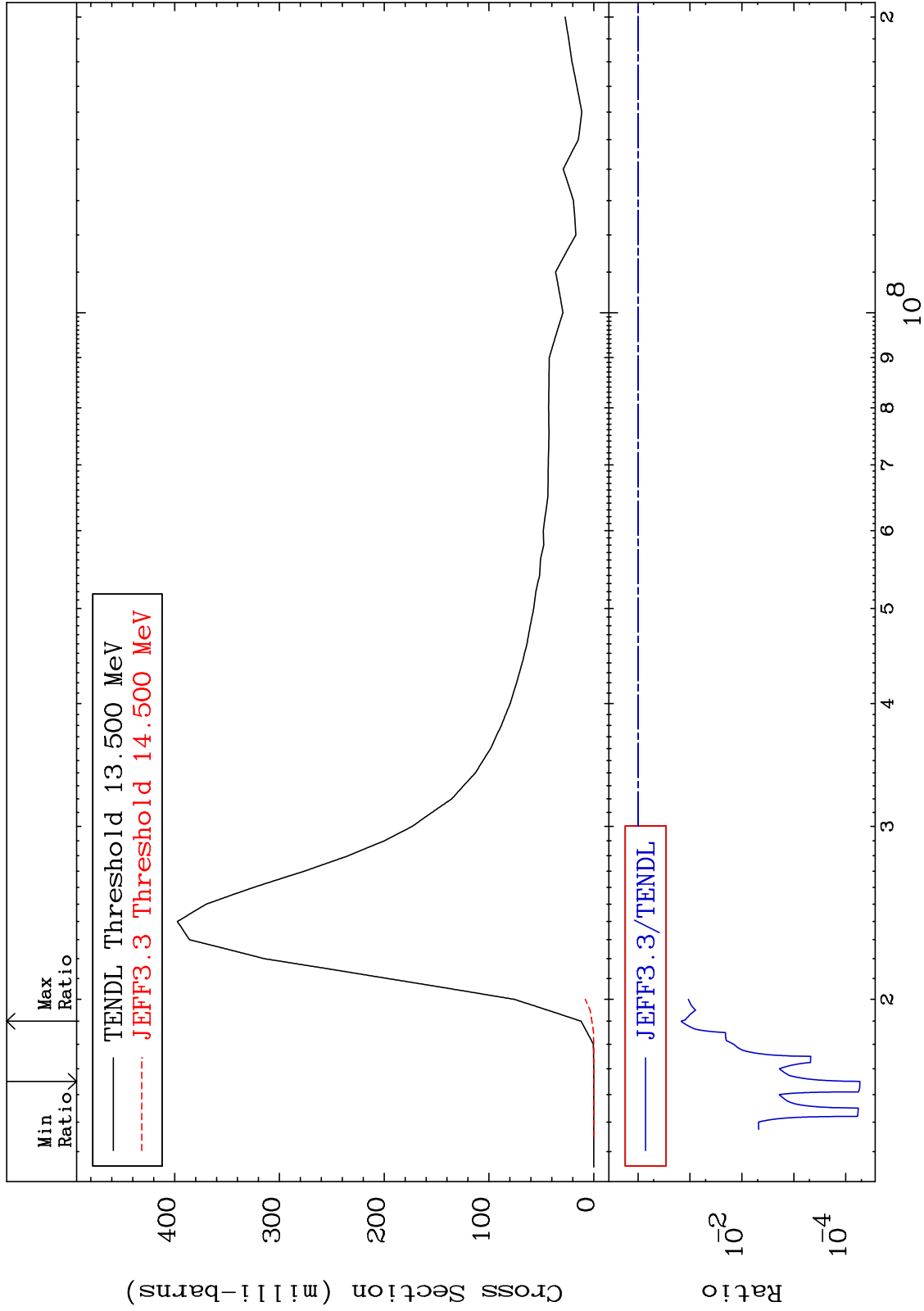
Incident Energy (eV)

95-Am-243

MAT 9549

(n,3nf) Fourth Chance  
Cross Section

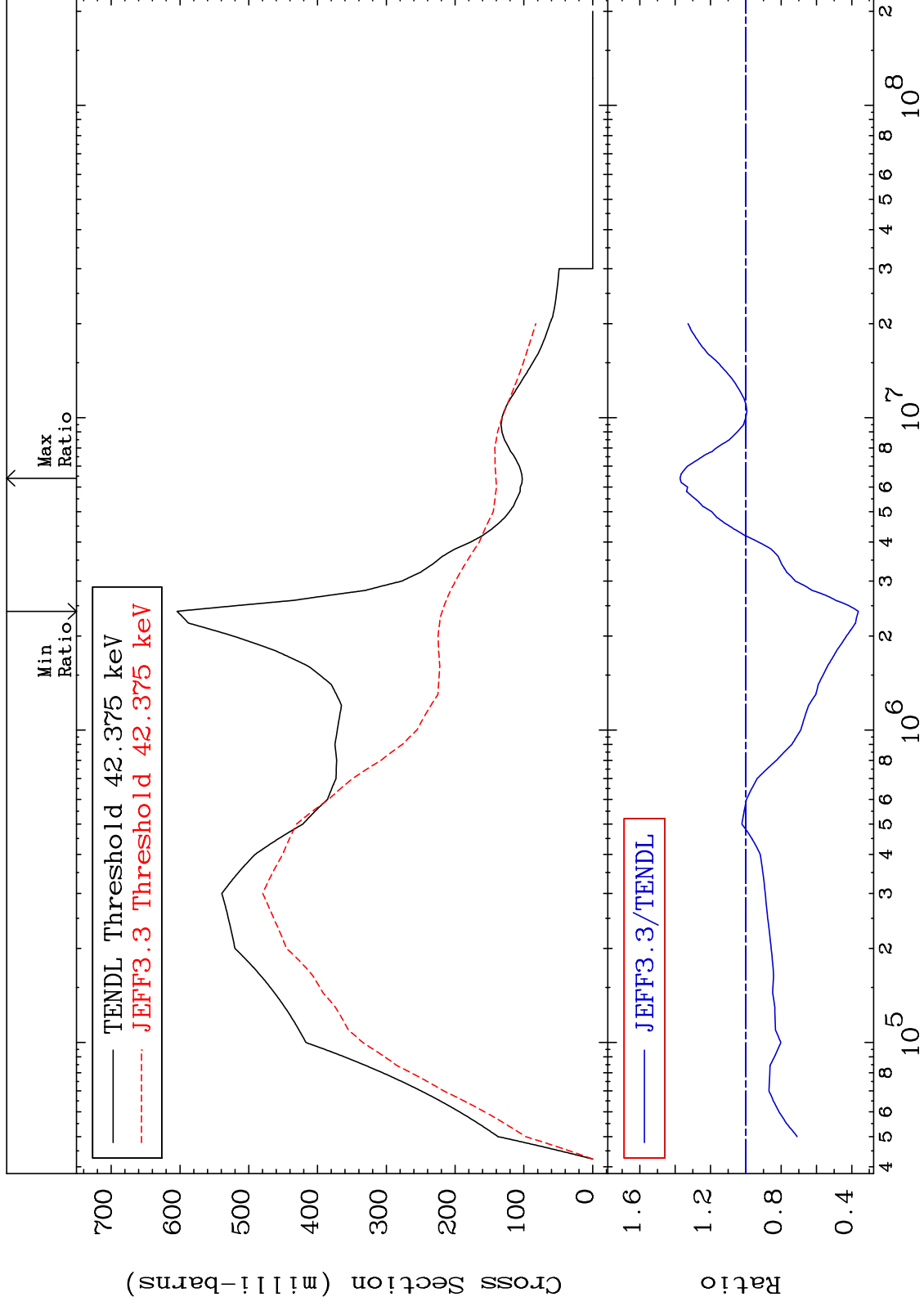
95-Am-243  
-99.99 To -85.26%



MAT 9549

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

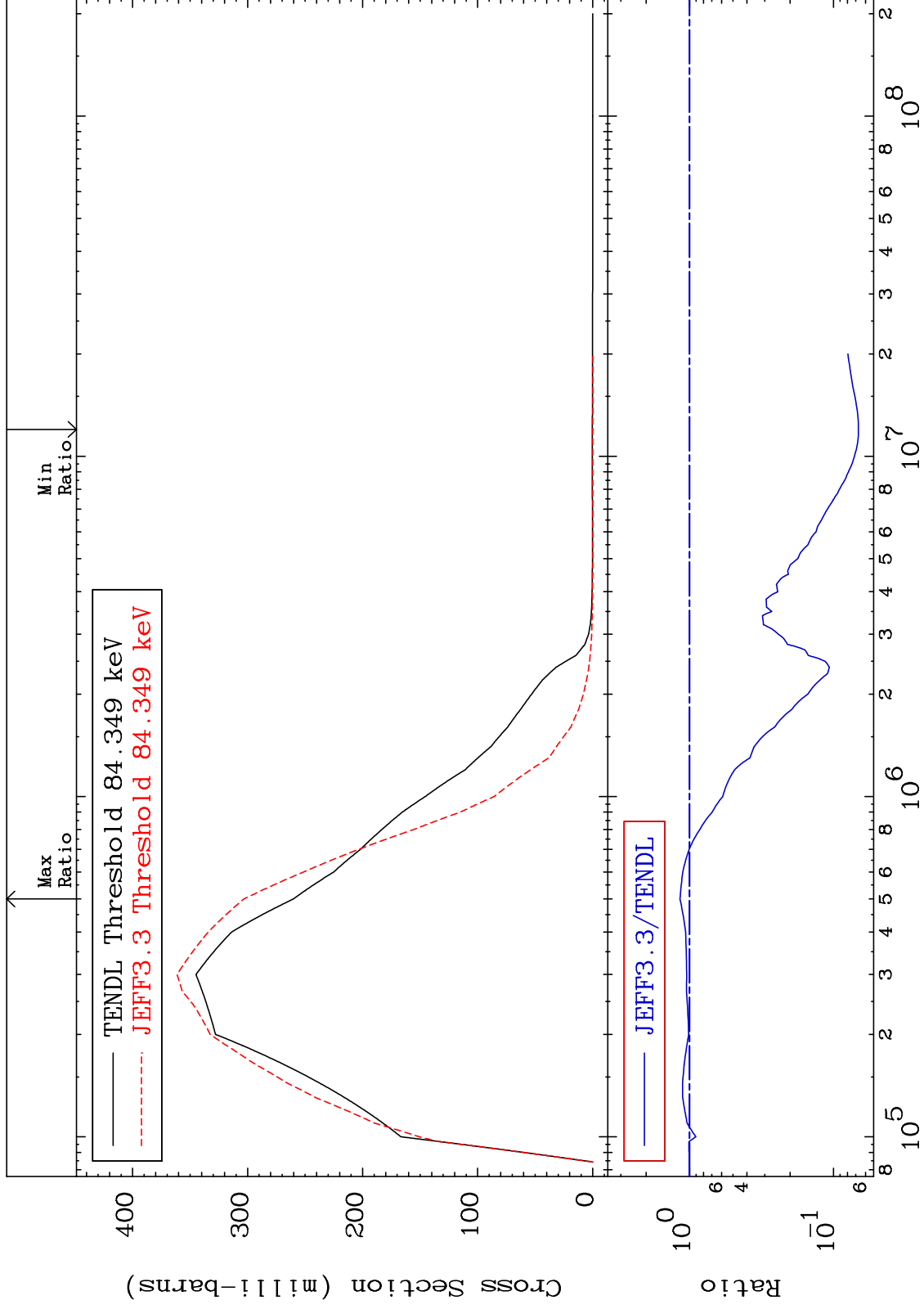
95-Am-243  
-63.79 To 37.24 %



MAT 9549

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

95-Am-243  
-93.28 To 16.51 %



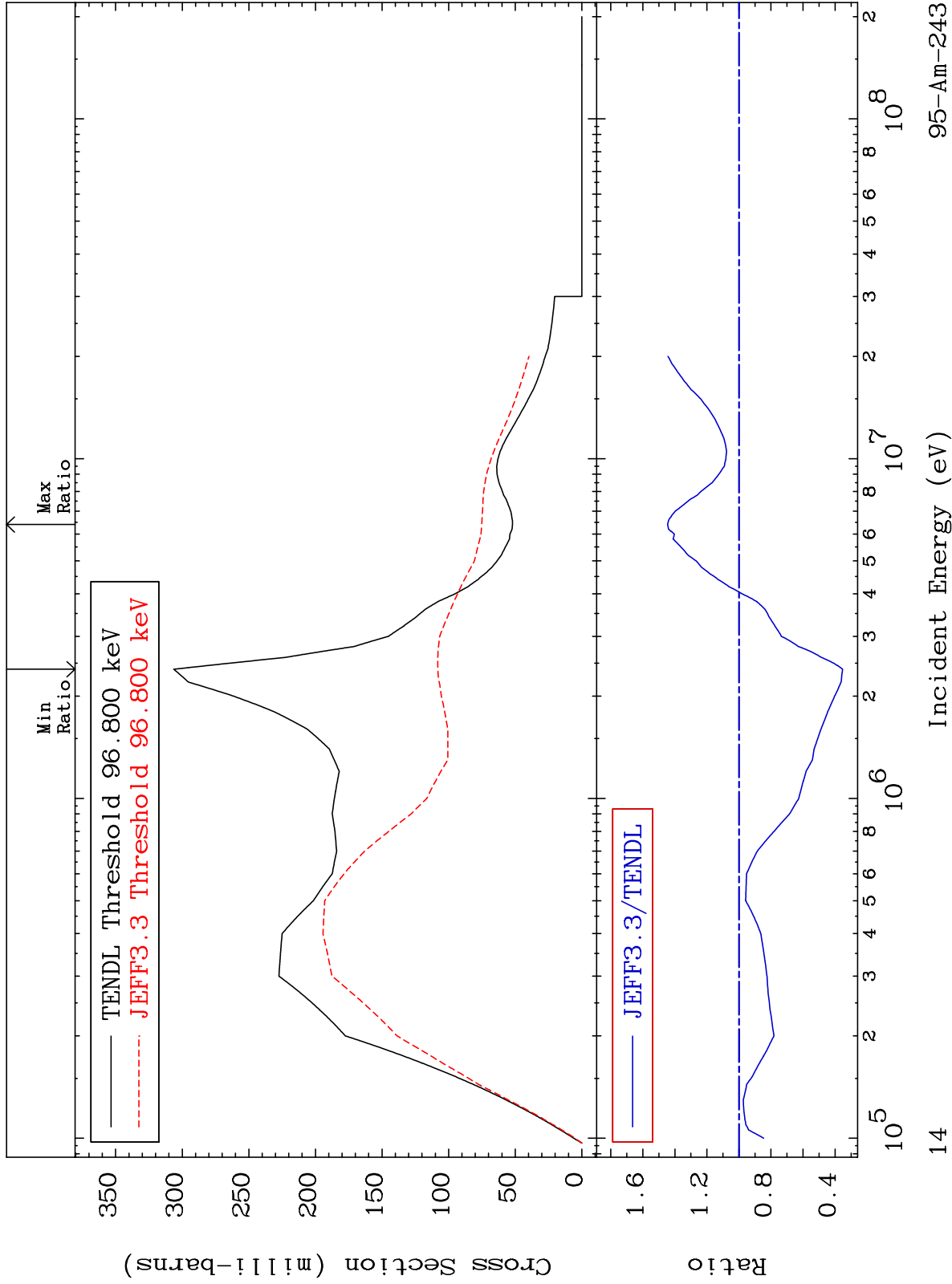
13

95-Am-243

MAT 9549

MT= 53 (n,n') Level  
Cross Section

95-Am-243  
-64.74 To 44.57 %



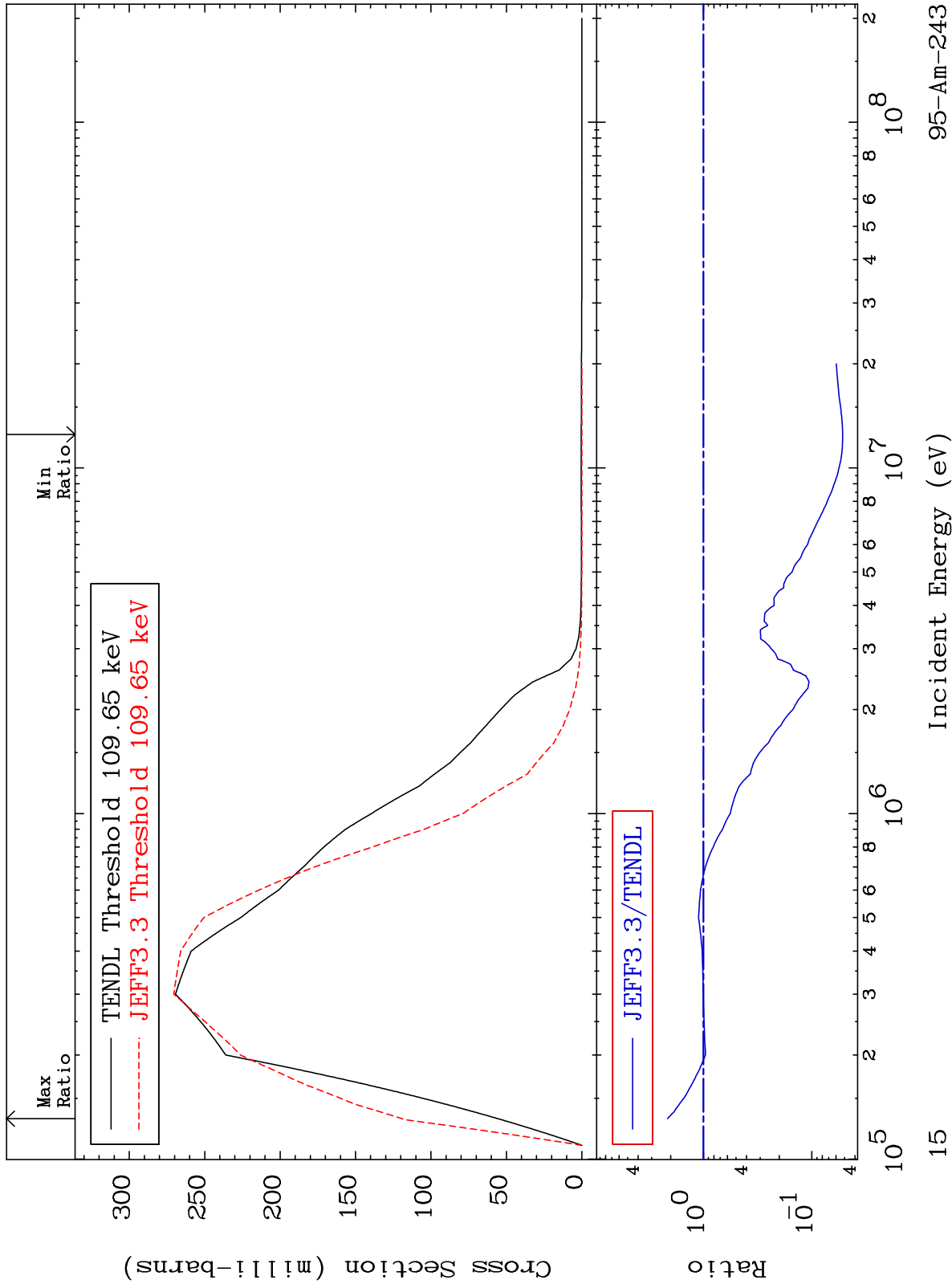
95-Am-243

14

MAT 9549

MT= 54 (n,n') Level  
Cross Section

95-Am-243  
-94.80 To 114.3 %

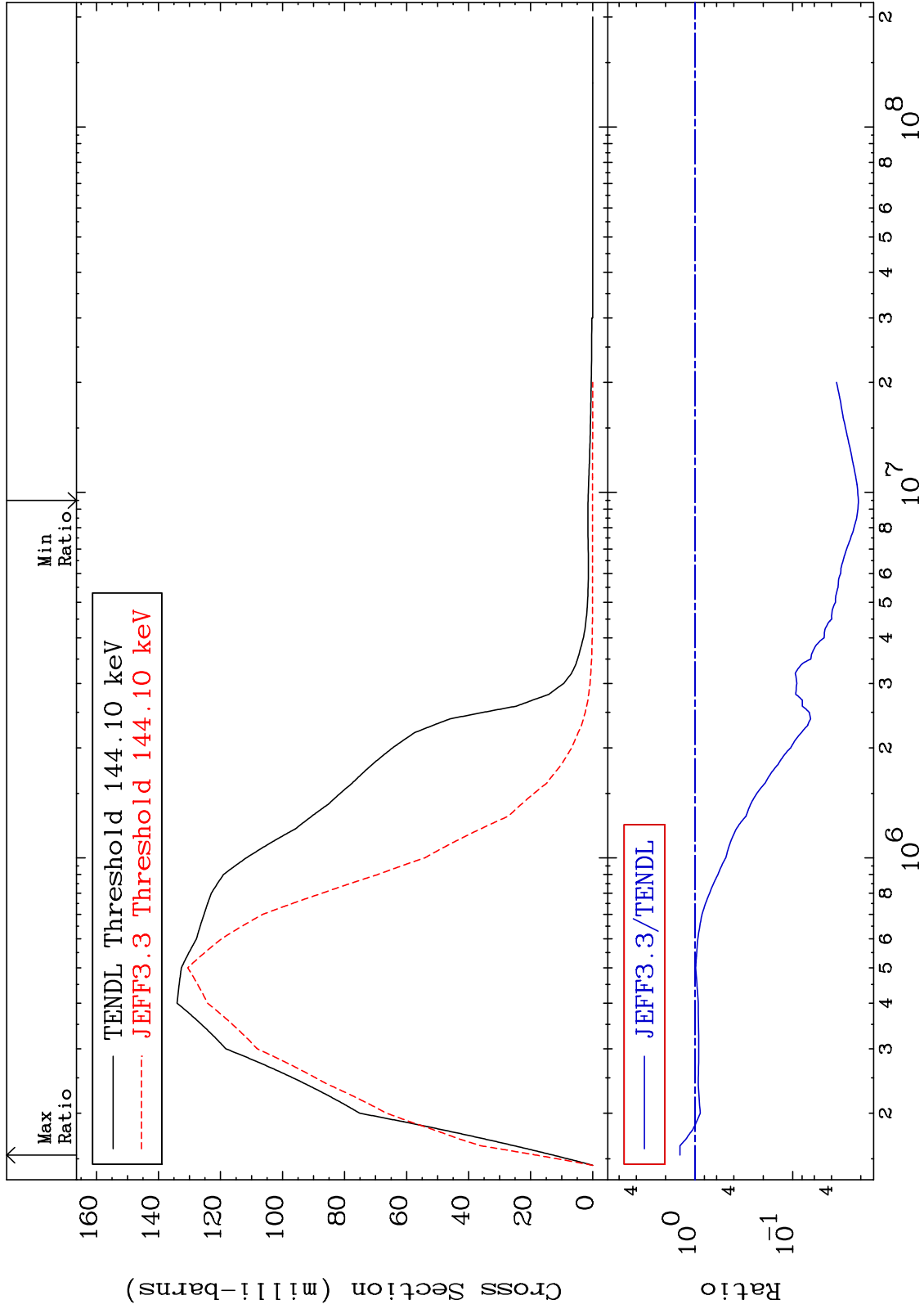




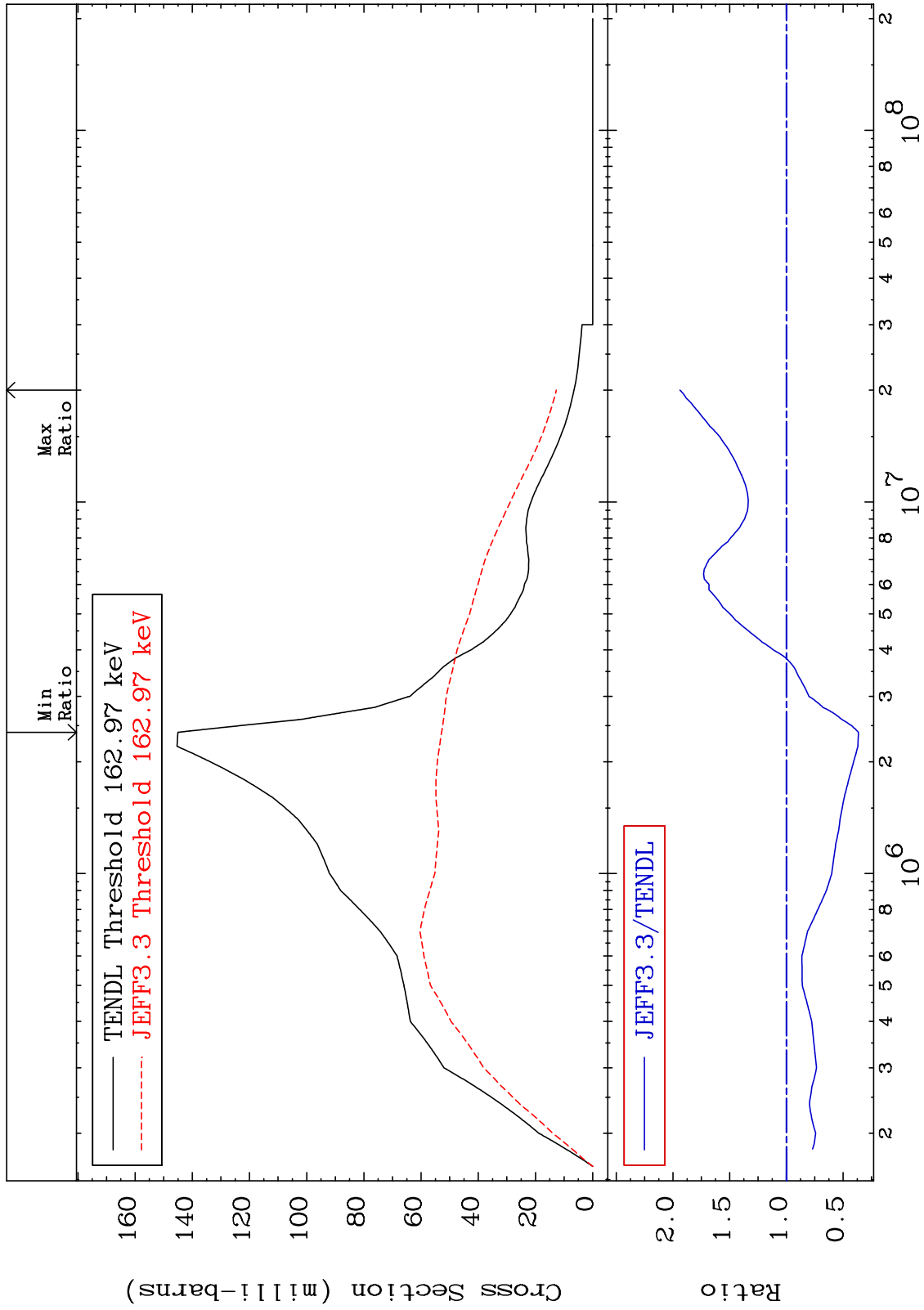
MAT 9549

MT= 55 (n,n') Level  
Cross Section

95-Am-243  
-97.88 To 42.45 %



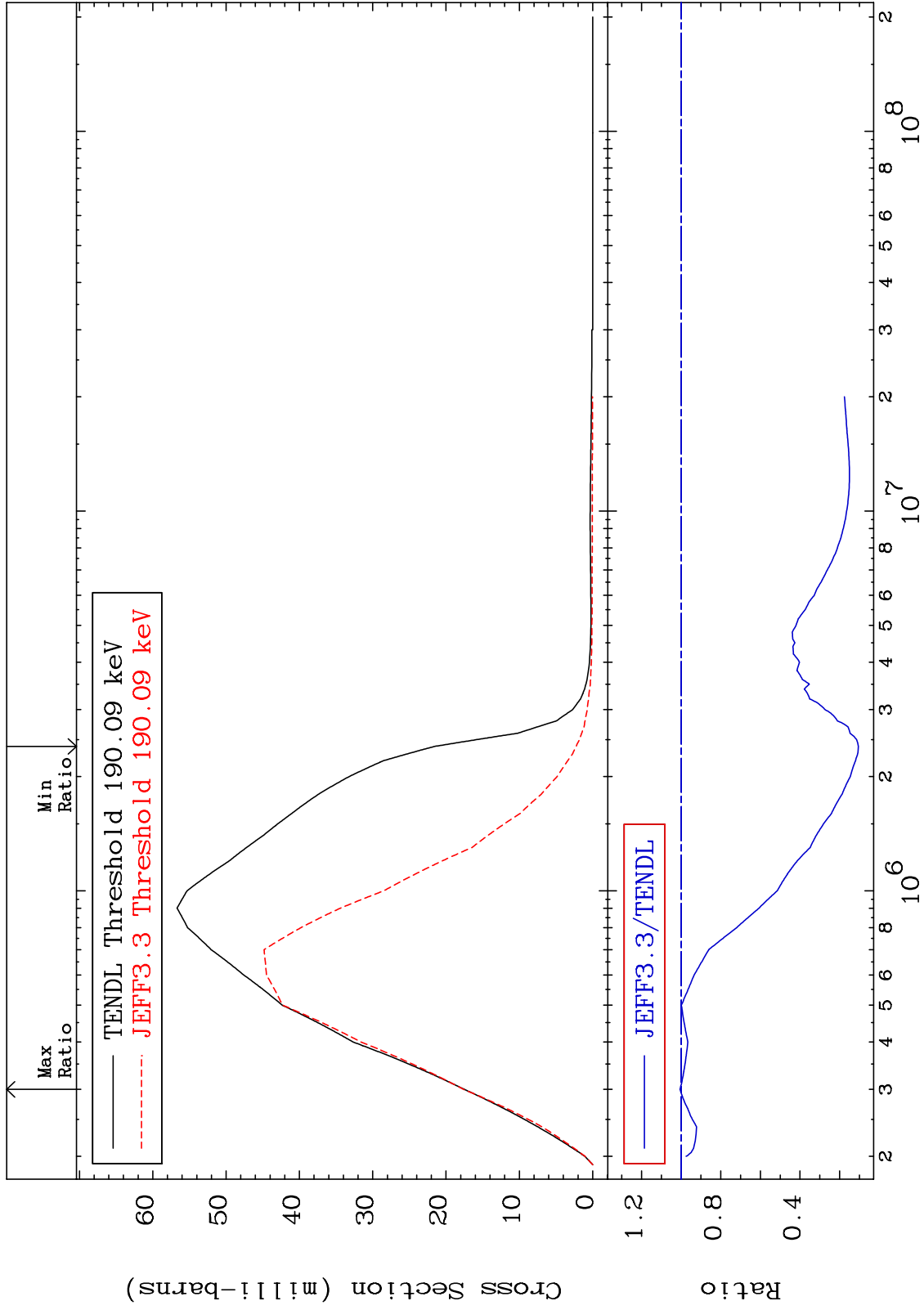
MAT 9549      MT= 56 (n,n') Level      95-Am-243  
 Cross Section      -63.58 To 93.76 %



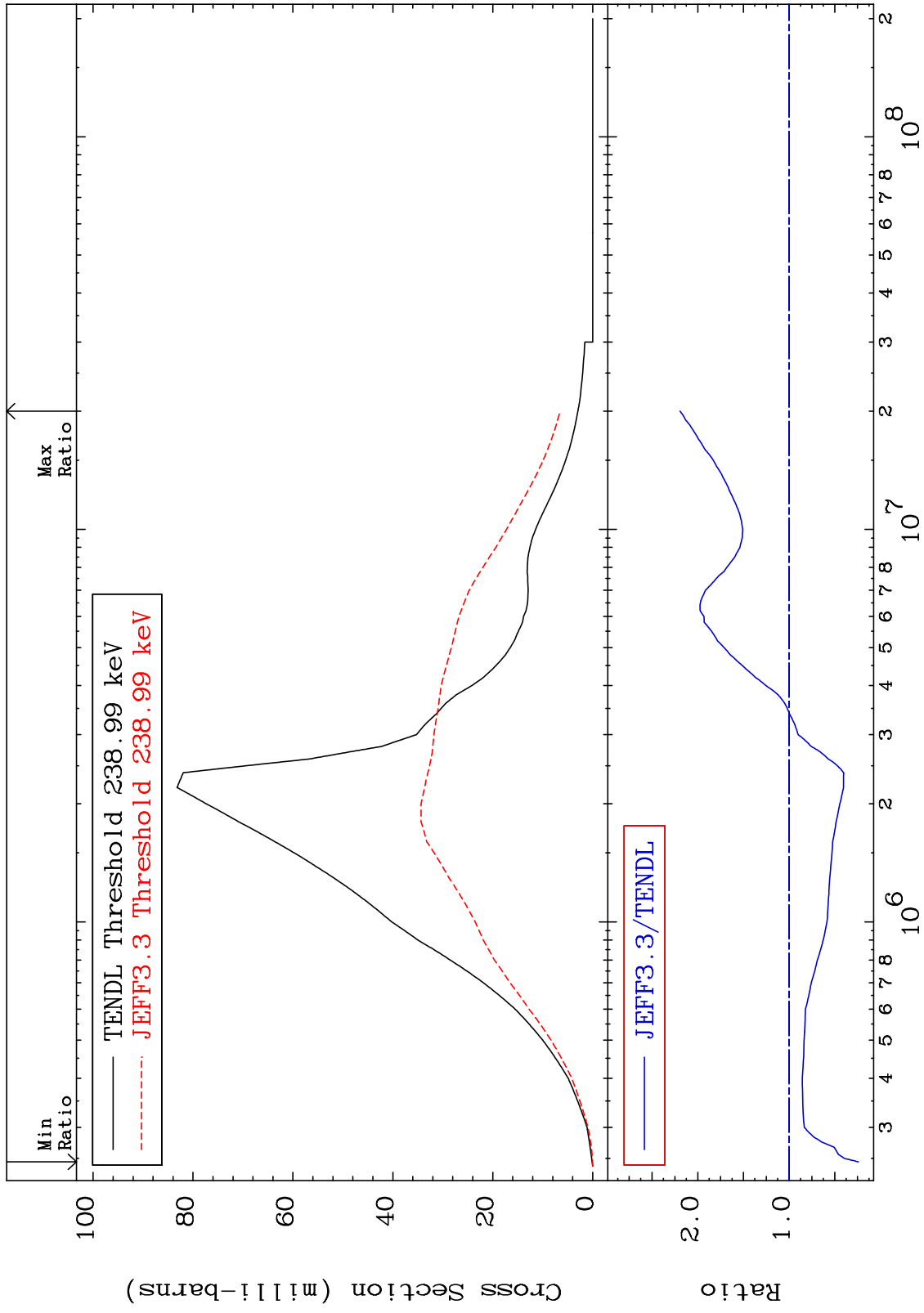
MAT 9549

MT= 57 (n,n') Level  
Cross Section

95-Am-243  
-89.50 To 0.585 %



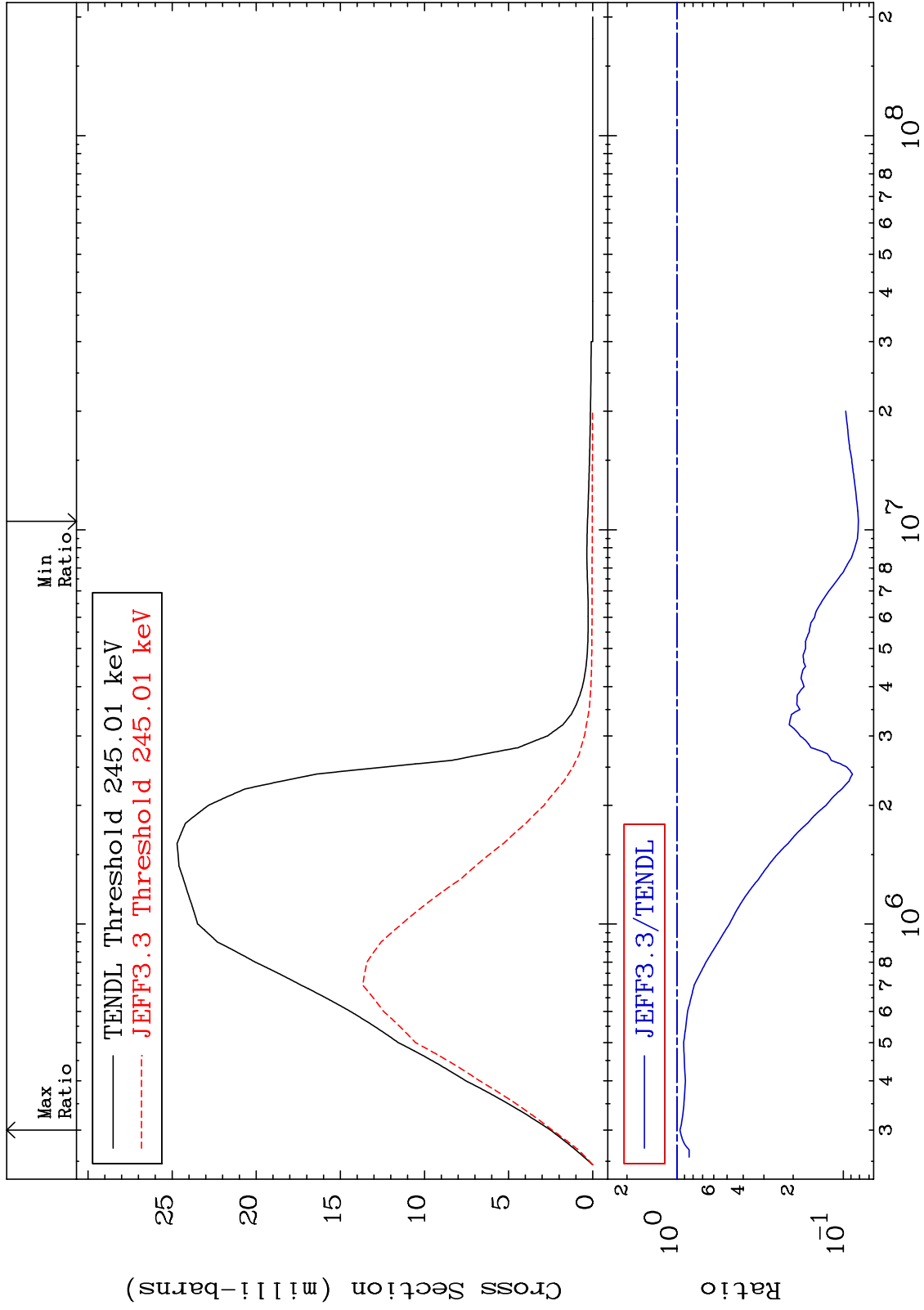
MAT 9549      MT= 58 (n,n') Level Cross Section      95-Am-243  
-75.90 To 119.4 %



MAT 9549

MT= 59 (n,n') Level  
Cross Section

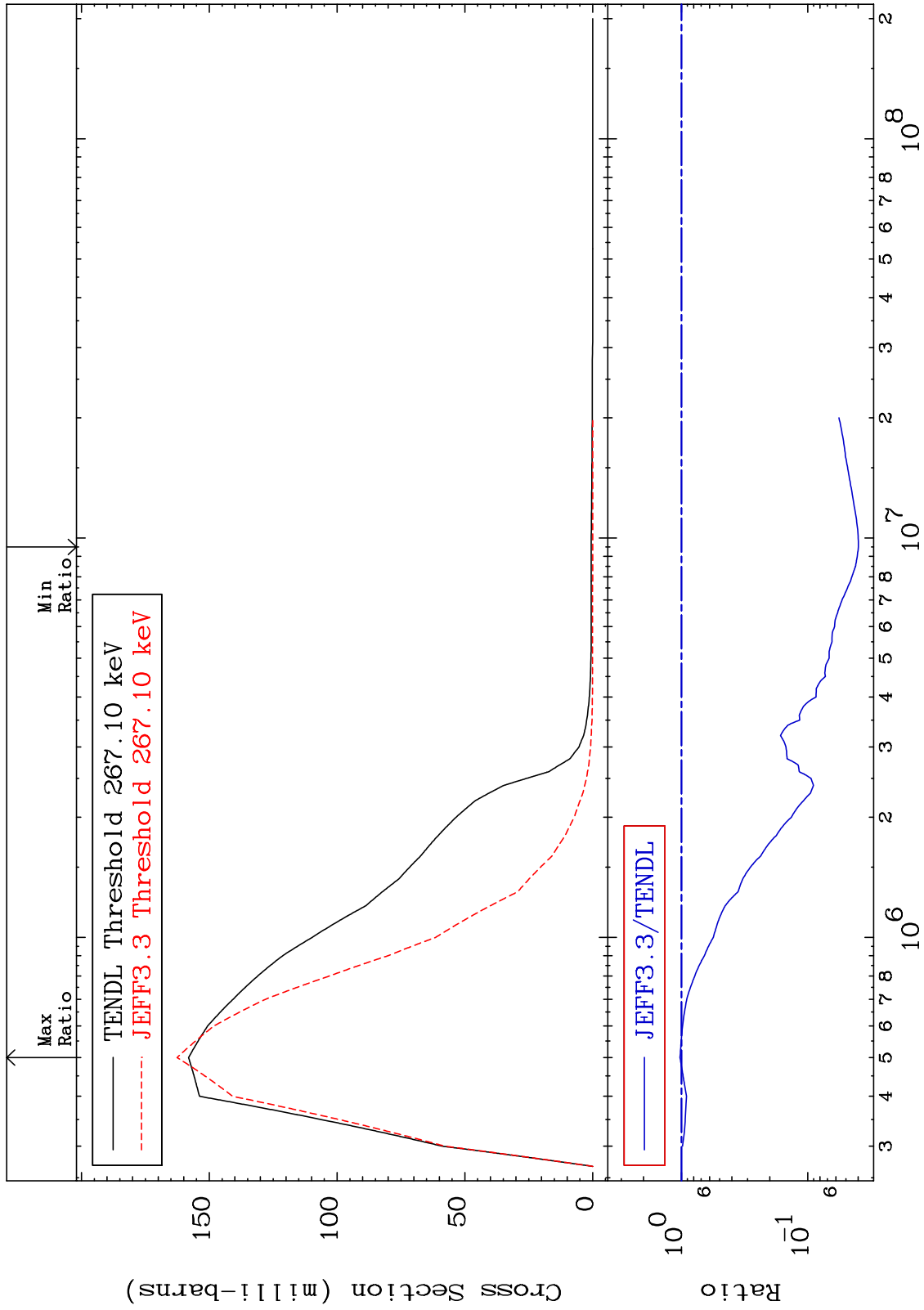
95-Am-243  
-91.89 To -4.152%



20

95-Am-243

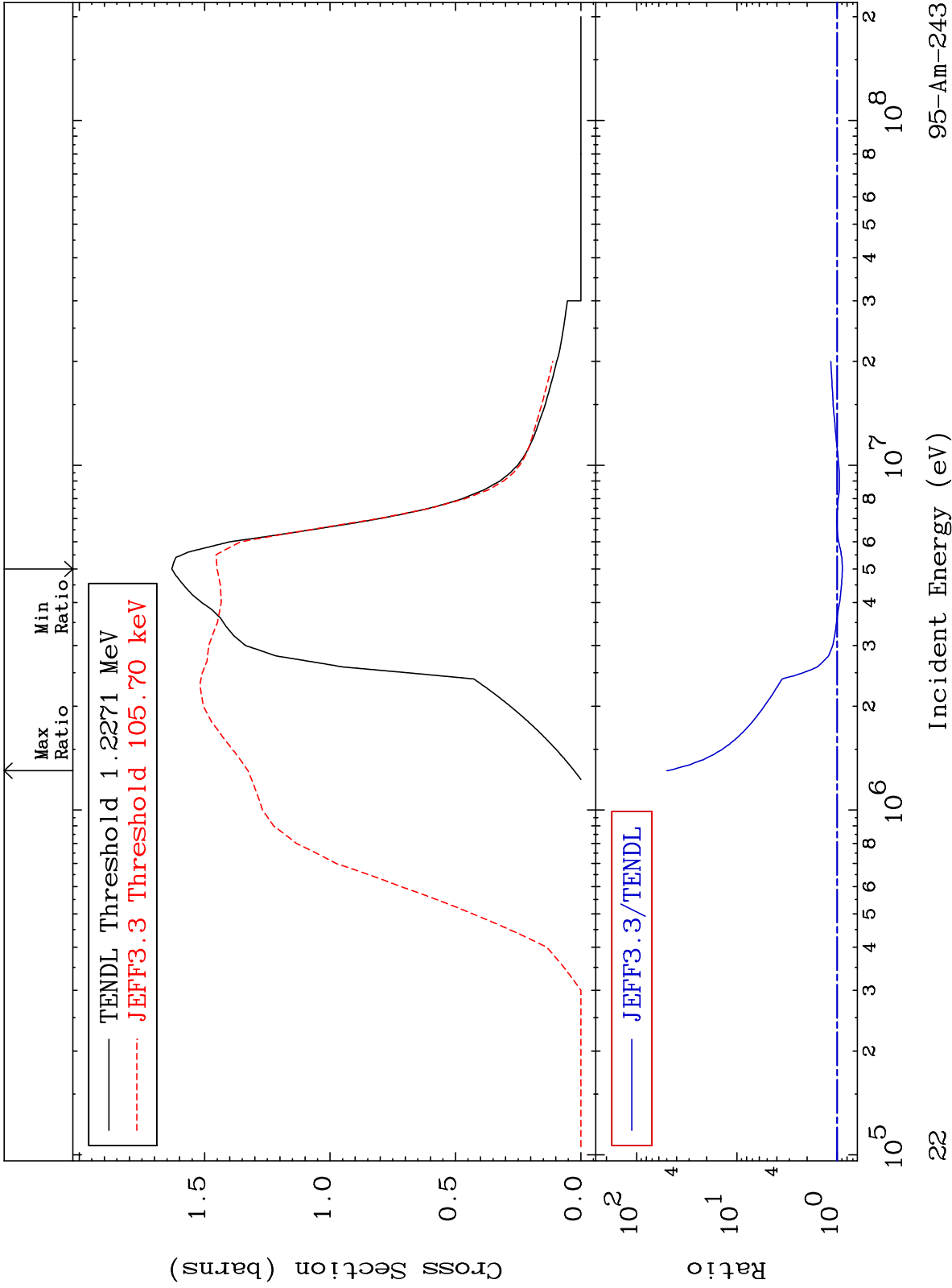
MAT 9549      MT= 60 (n,n') Level Cross Section      95-Am-243  
 -96.02 To 2.852 %



MAT 9549

(n, n') Continuum  
Cross Section

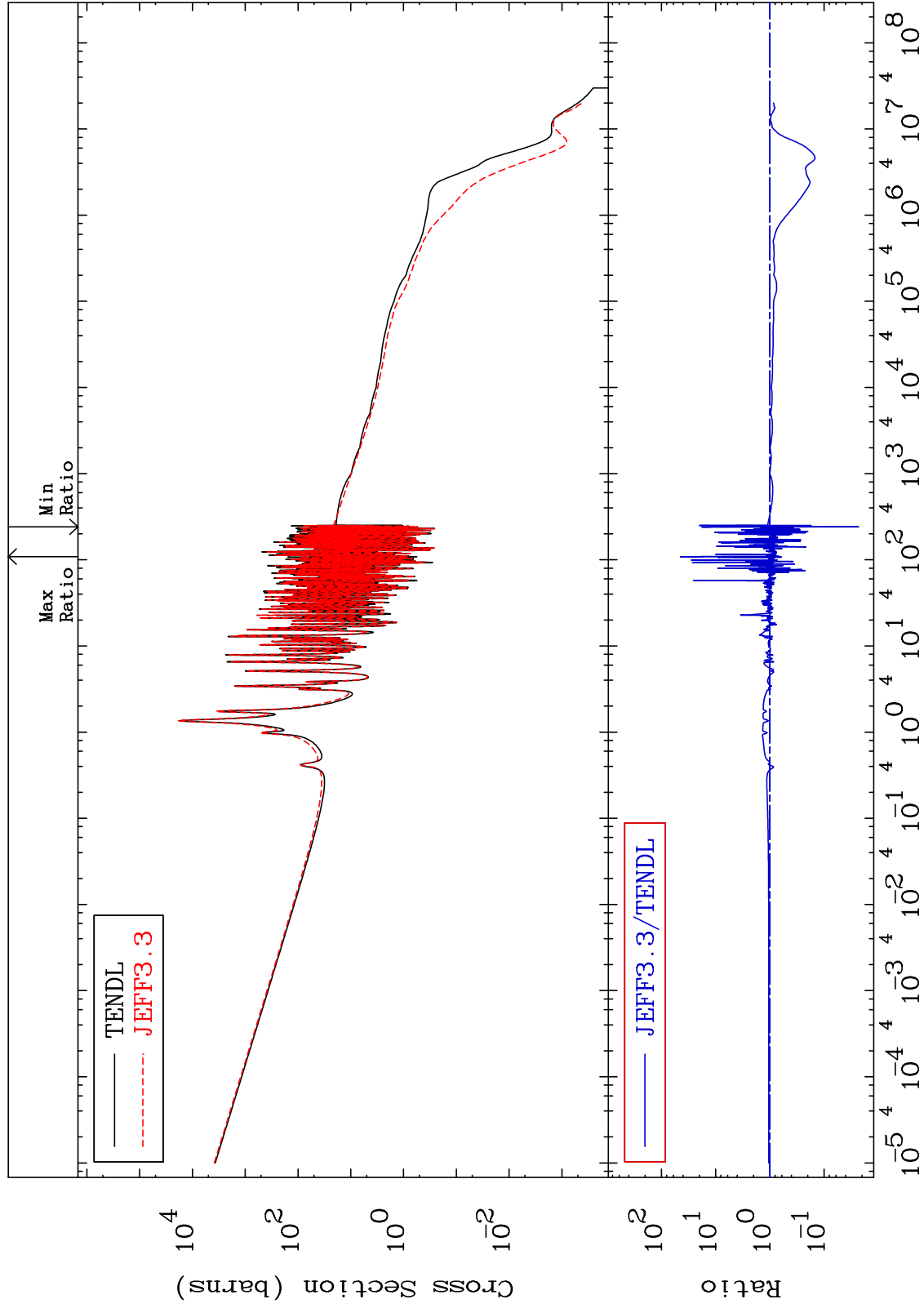
95-Am-243  
-11.06 To 4898. %



MAT 9549

(n,  $\gamma$ )  
Cross Section

95-Am-243  
-97.69 To 4345. %

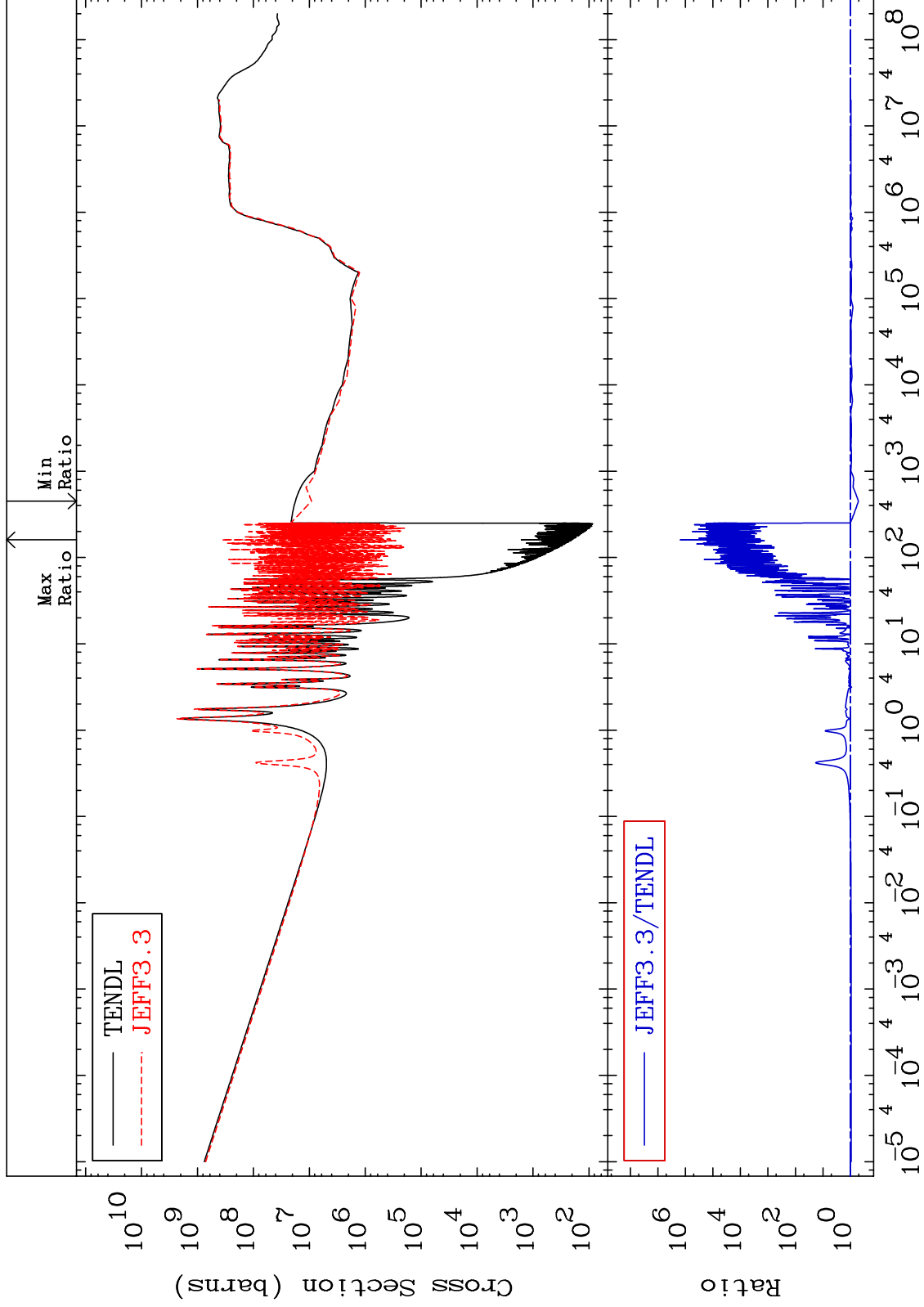




MAT 9549

Kerma total (eV-barns)  
Cross Section

95-Am-243  
-48.59 To 9999. %



24

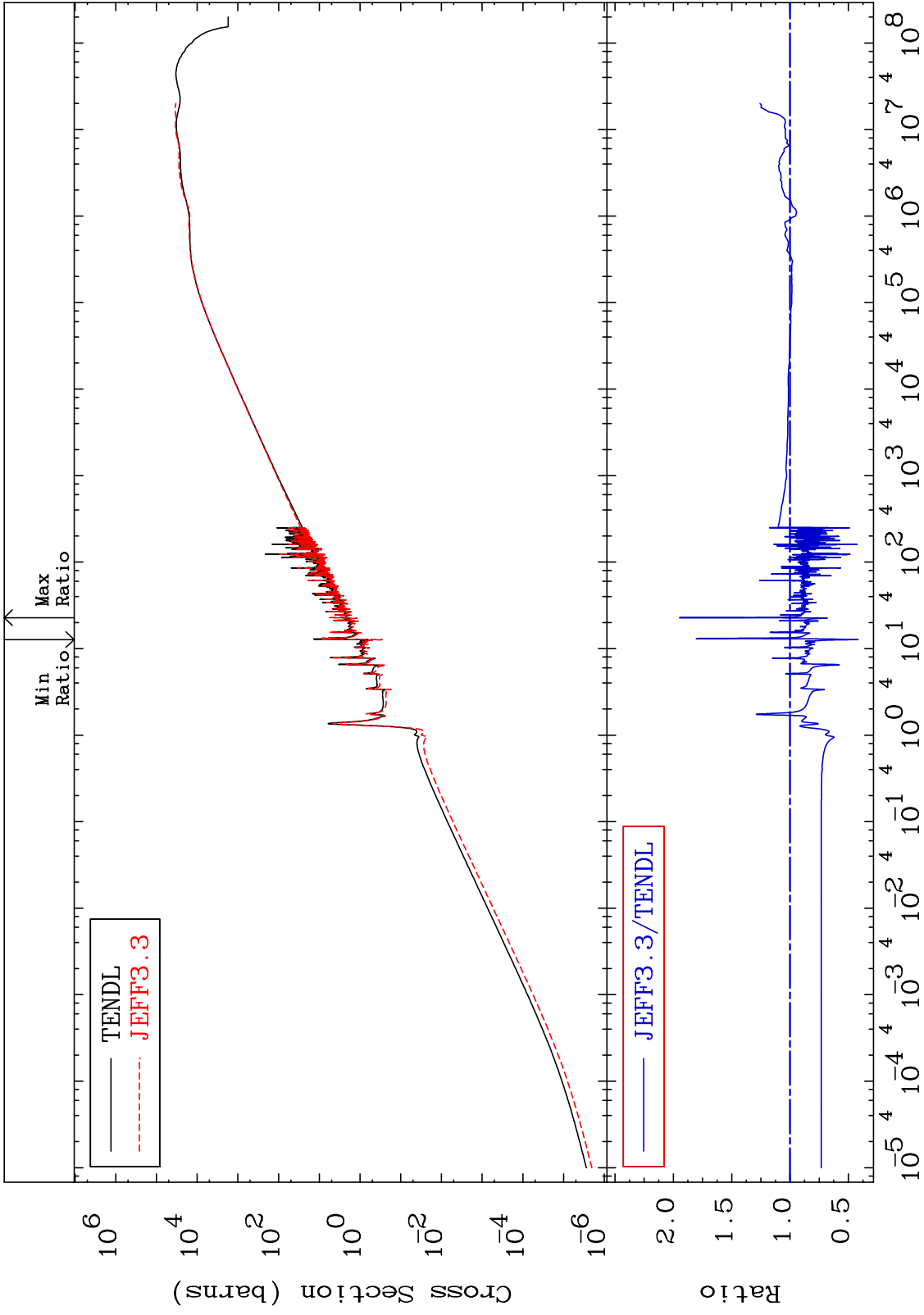
Incident Energy (eV)

95-Am-243

MAT 9549

Kerma elastic  
Cross Section

95-Am-243  
-58.45 To 94.83 %



25

Incident Energy (eV)

95-Am-243

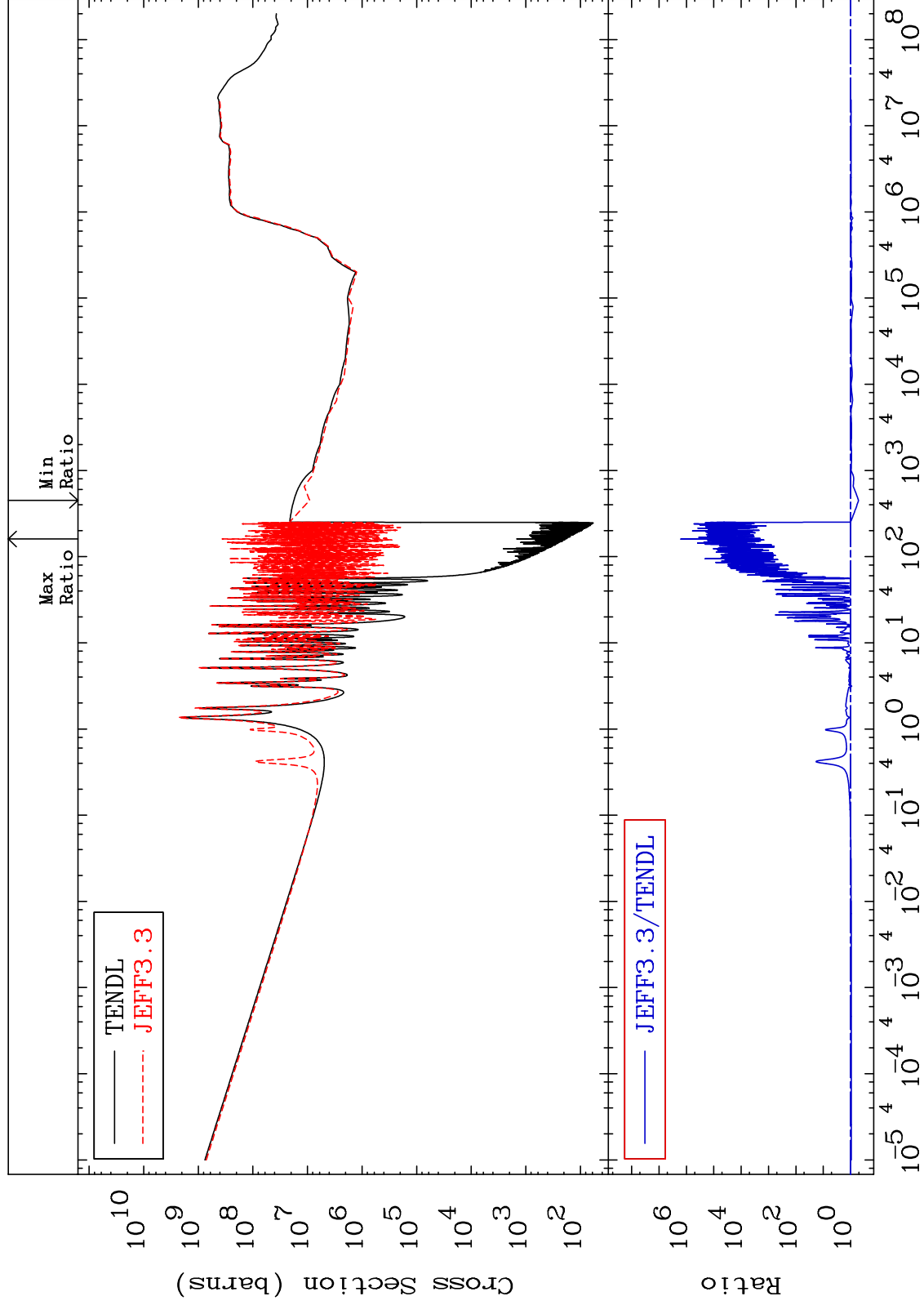
MAT 9549

Kerma non-elastic (all but mt2)

95-Am-243

-48.59 To 9999. %

Cross Section



26

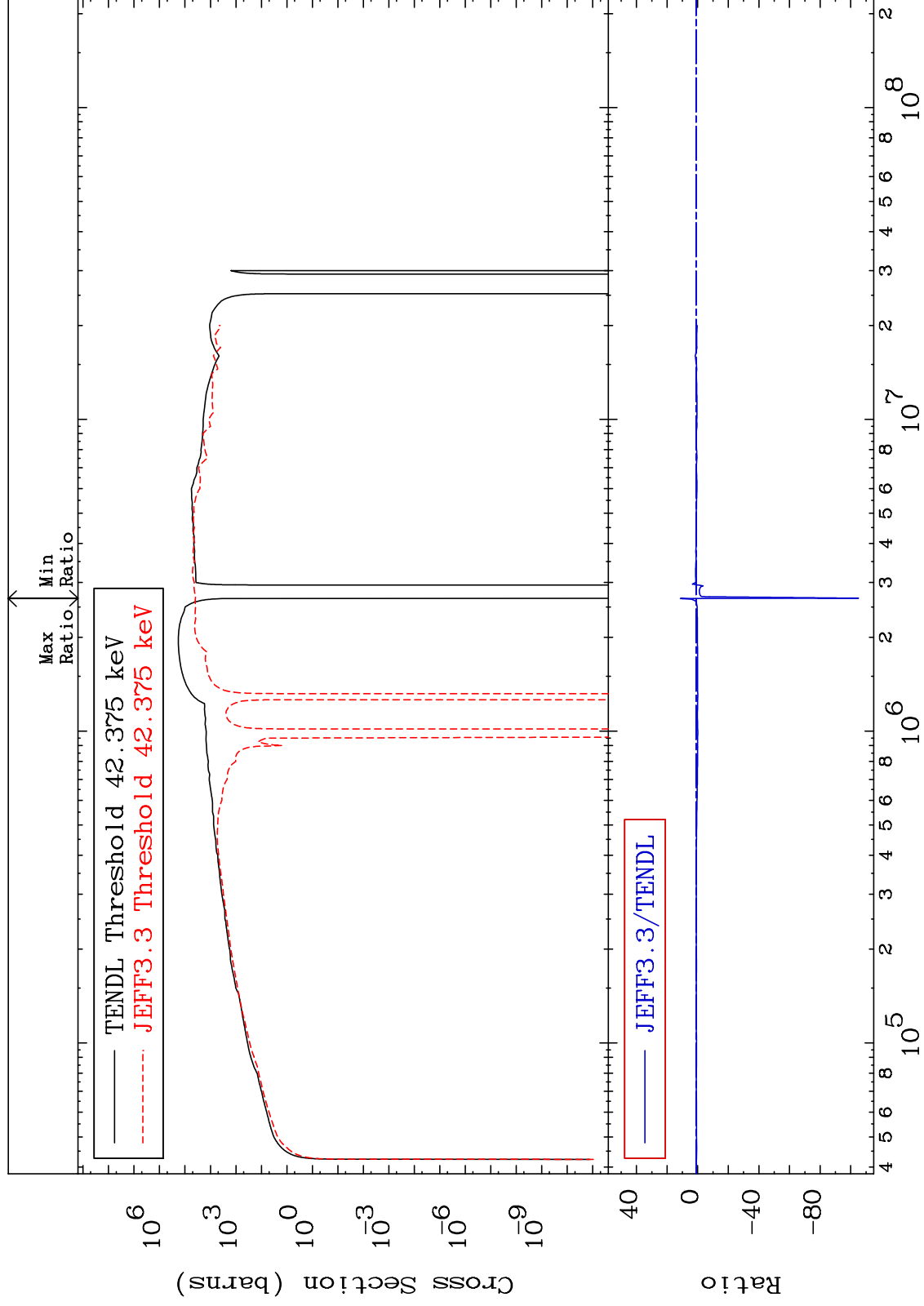
Incident Energy (eV)

95-Am-243

MAT 9549

Kerma inelastic (mt51-91)  
Cross Section

95-Am-243  
-9999. To 1026. %



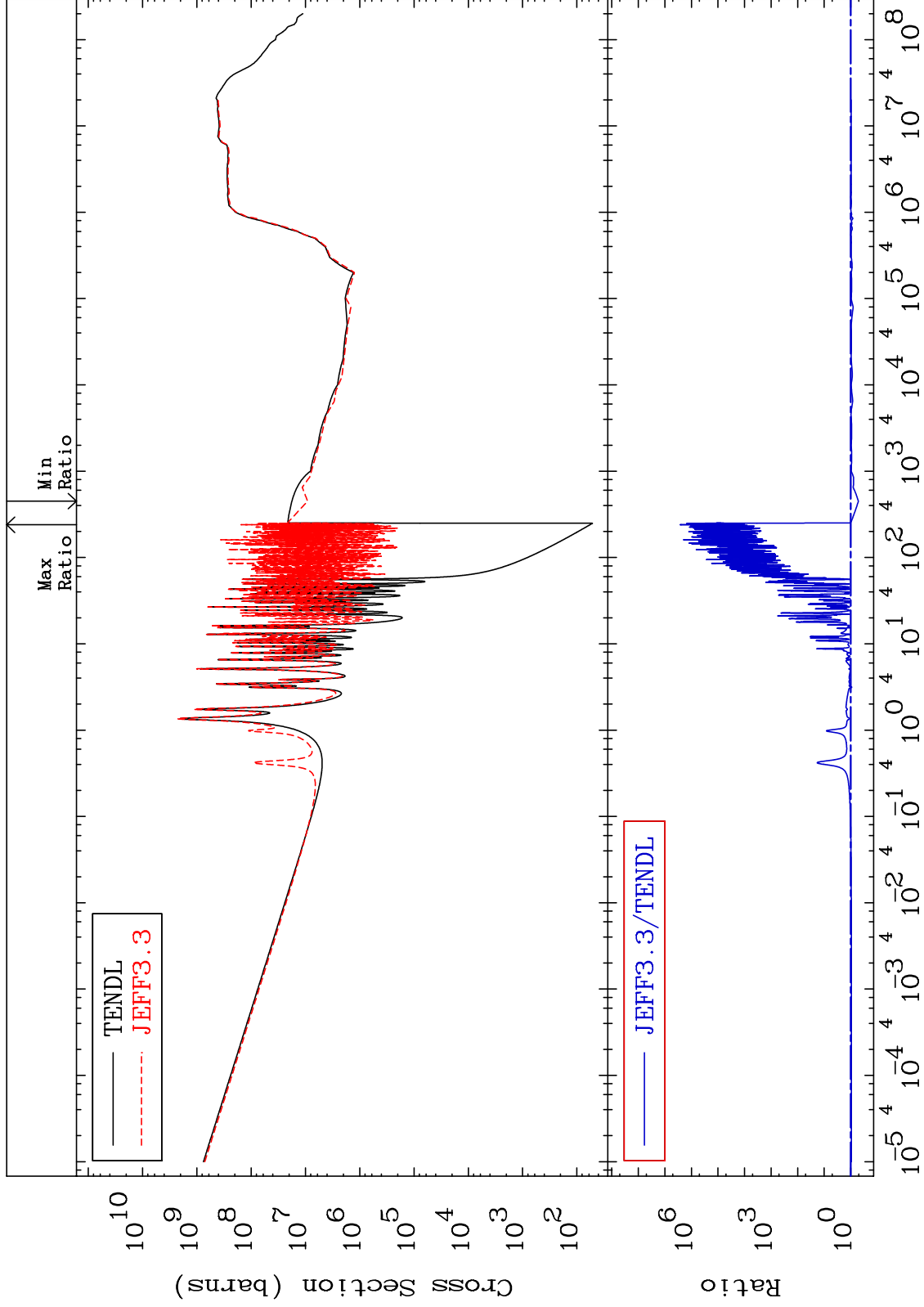
MAT 9549

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

95-Am-243

-48.59 To 9999. %

Cross Section



28

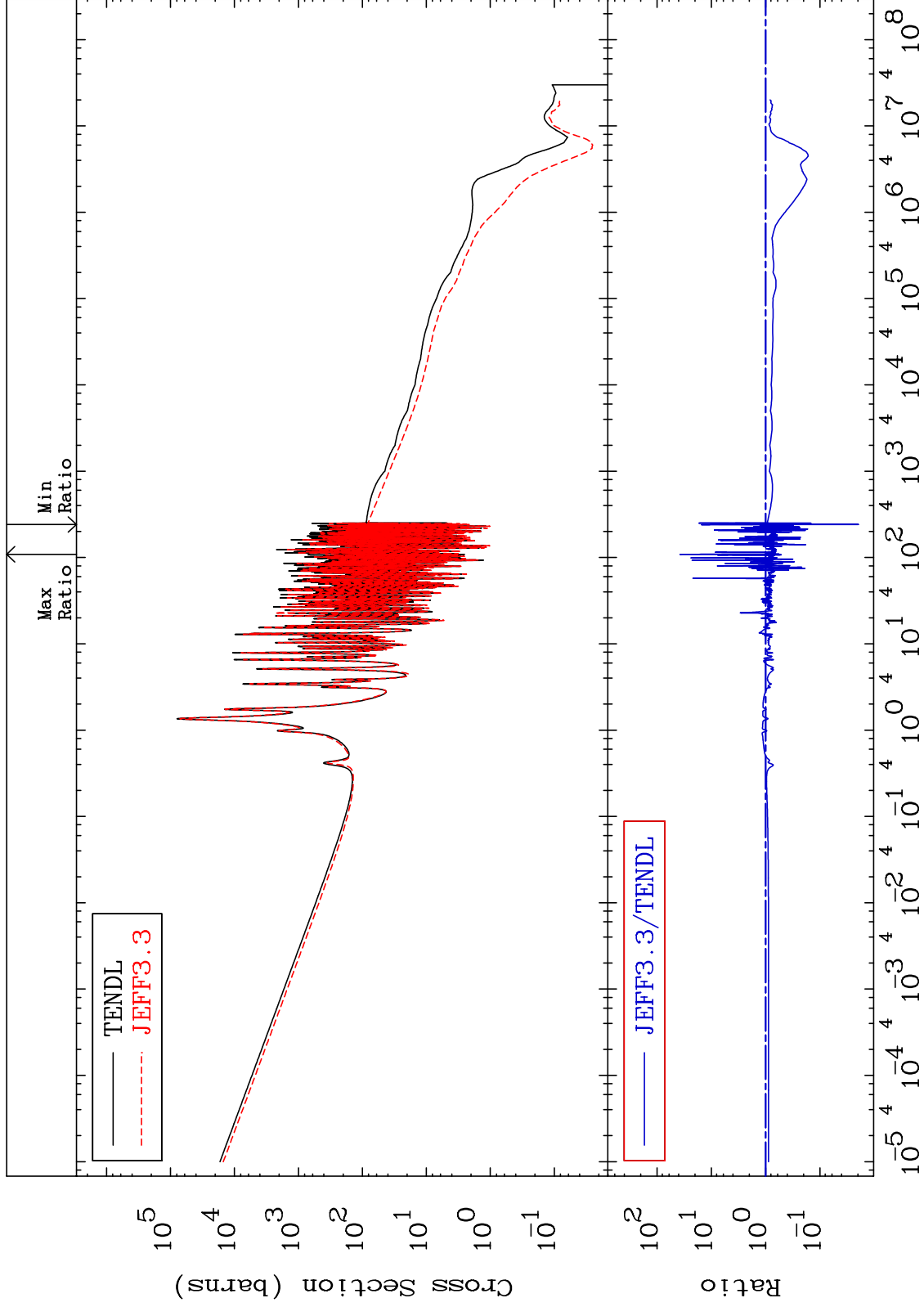
Incident Energy (eV)

95-Am-243

MAT 9549

Kerma capture (mt102)  
Cross Section

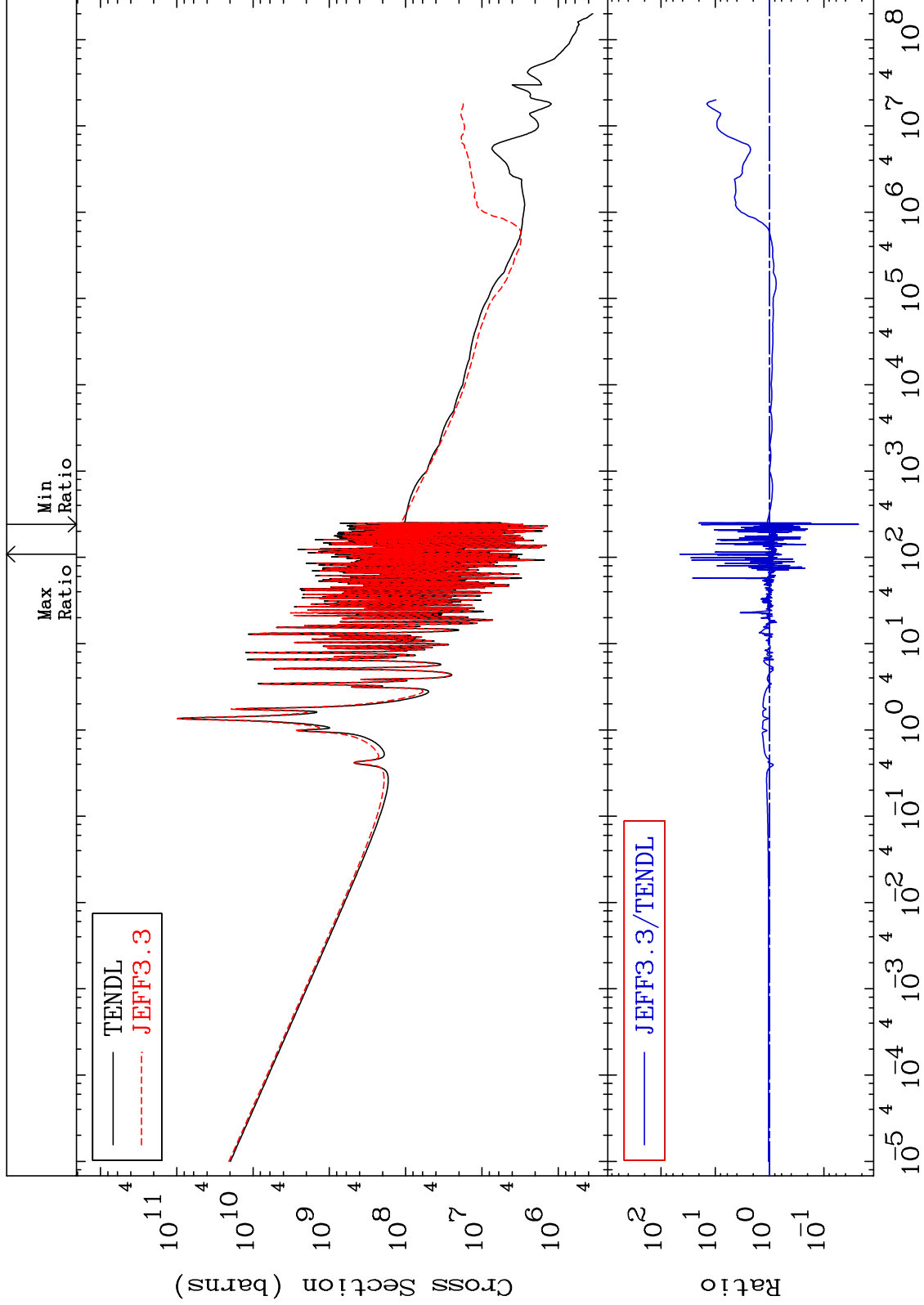
95-Am-243  
-98.04 To 3677. %



MAT 9549

Total photon (eV-barns)  
Cross Section

95-Am-243  
-97.68 To 4352. %



30

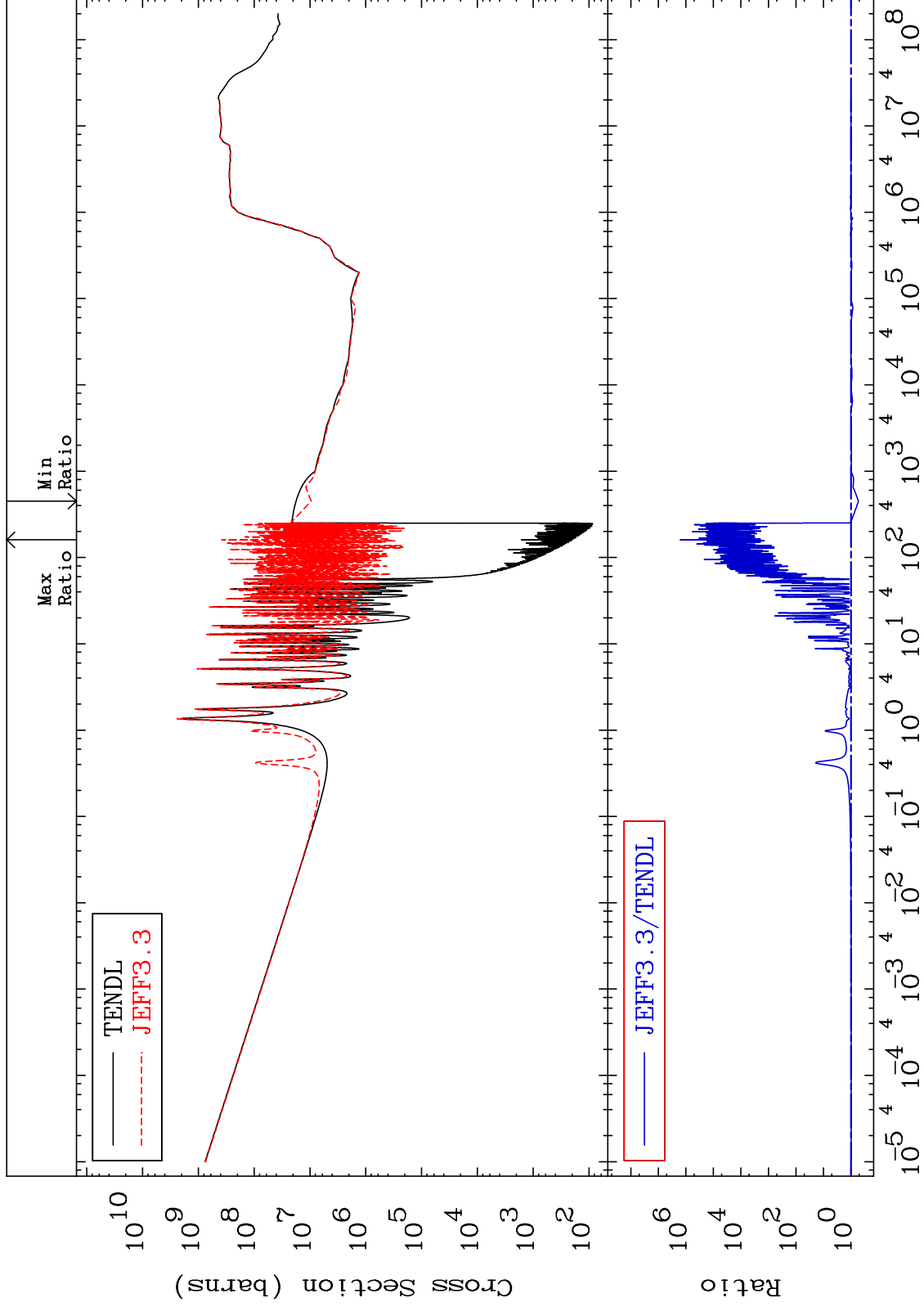
Incident Energy (eV)

95-Am-243

MAT 9549

Total kinematic kerma (high limit)  
Cross Section

95-Am-243  
-46.56 To 9999. %

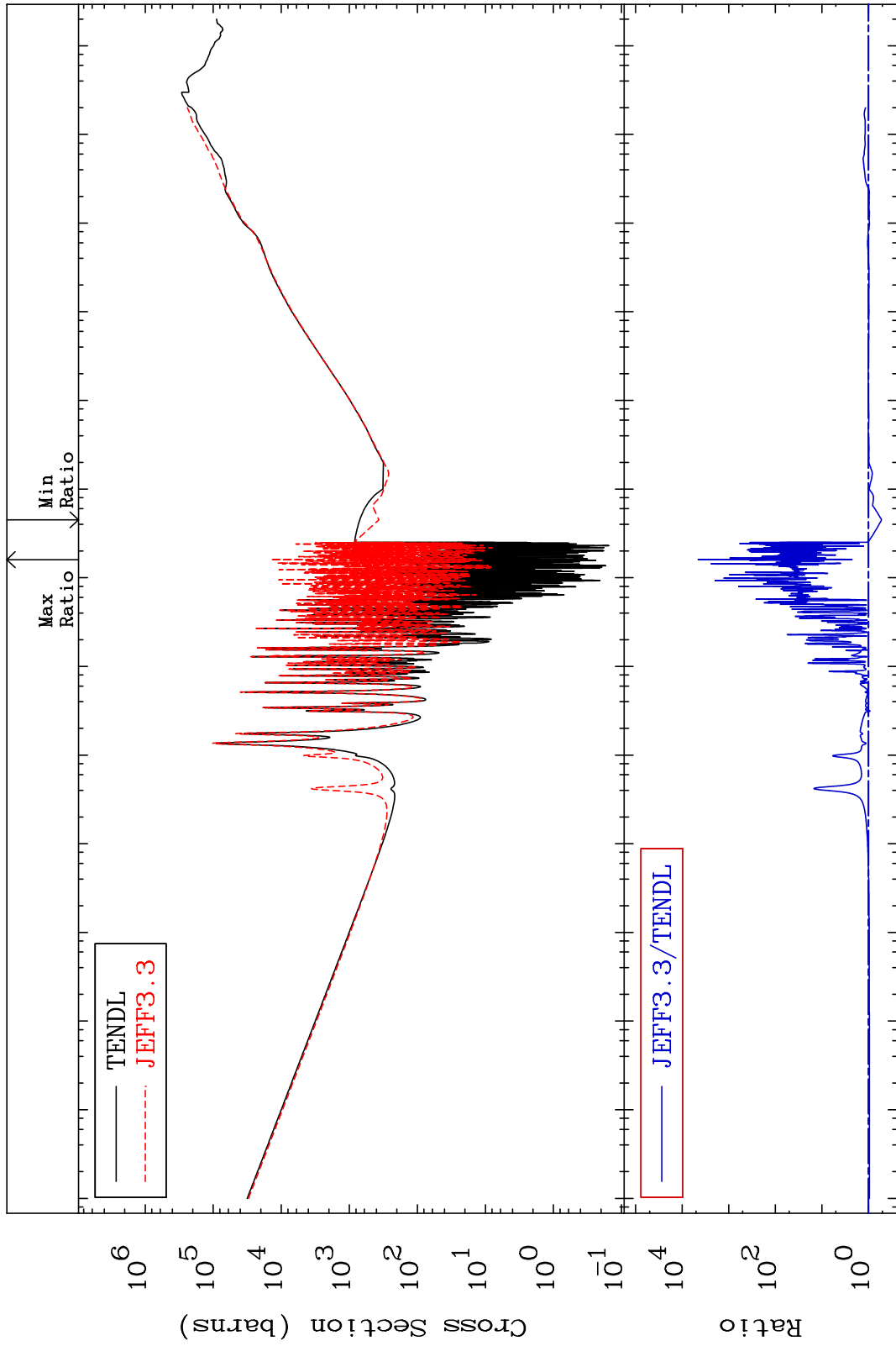




MAT 9549

Dpa total (eV-barns)  
Cross Section

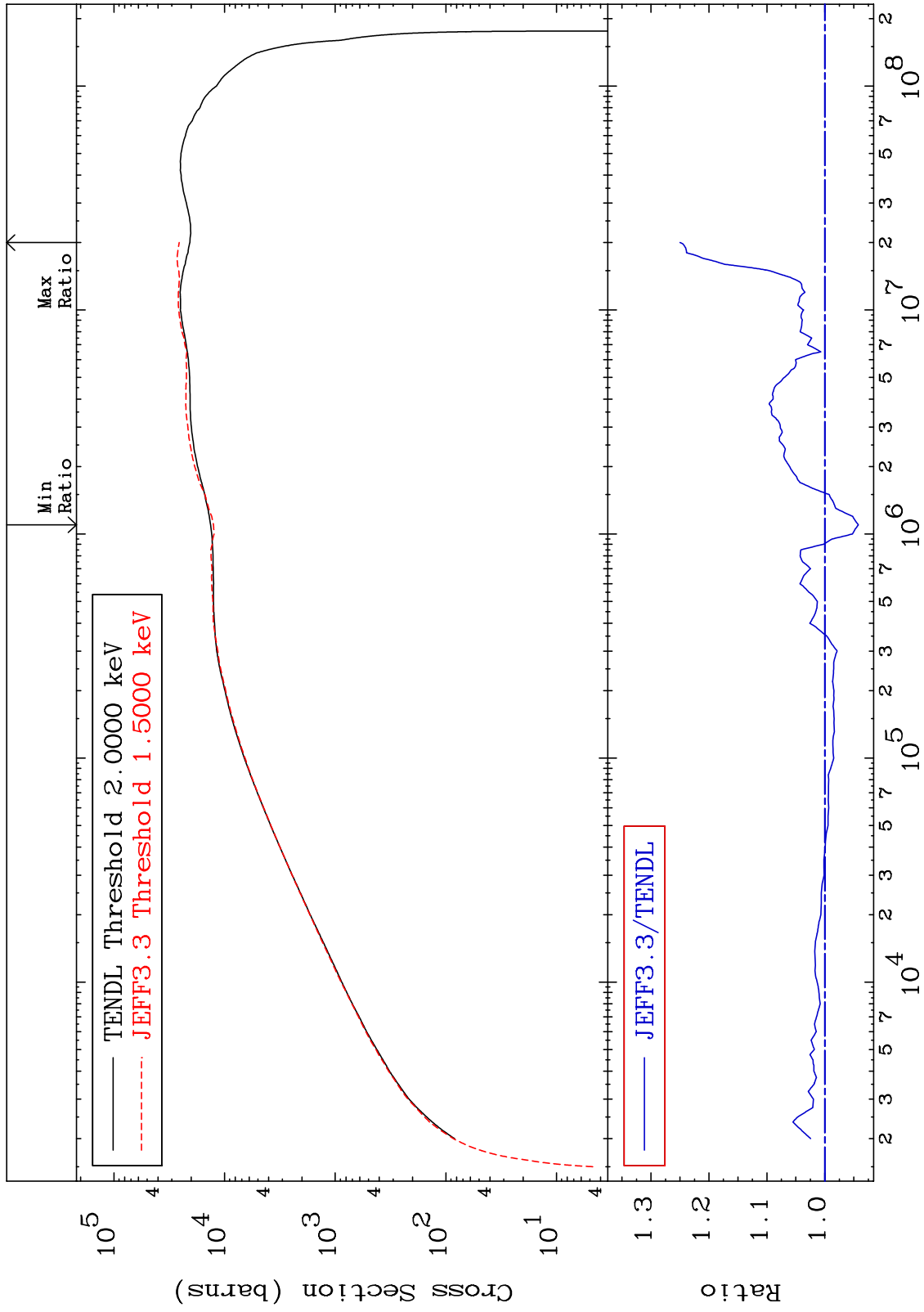
95-Am-243  
-47.63 To 9999. %



MAT 9549

Dpa elastic (mt2)  
Cross Section

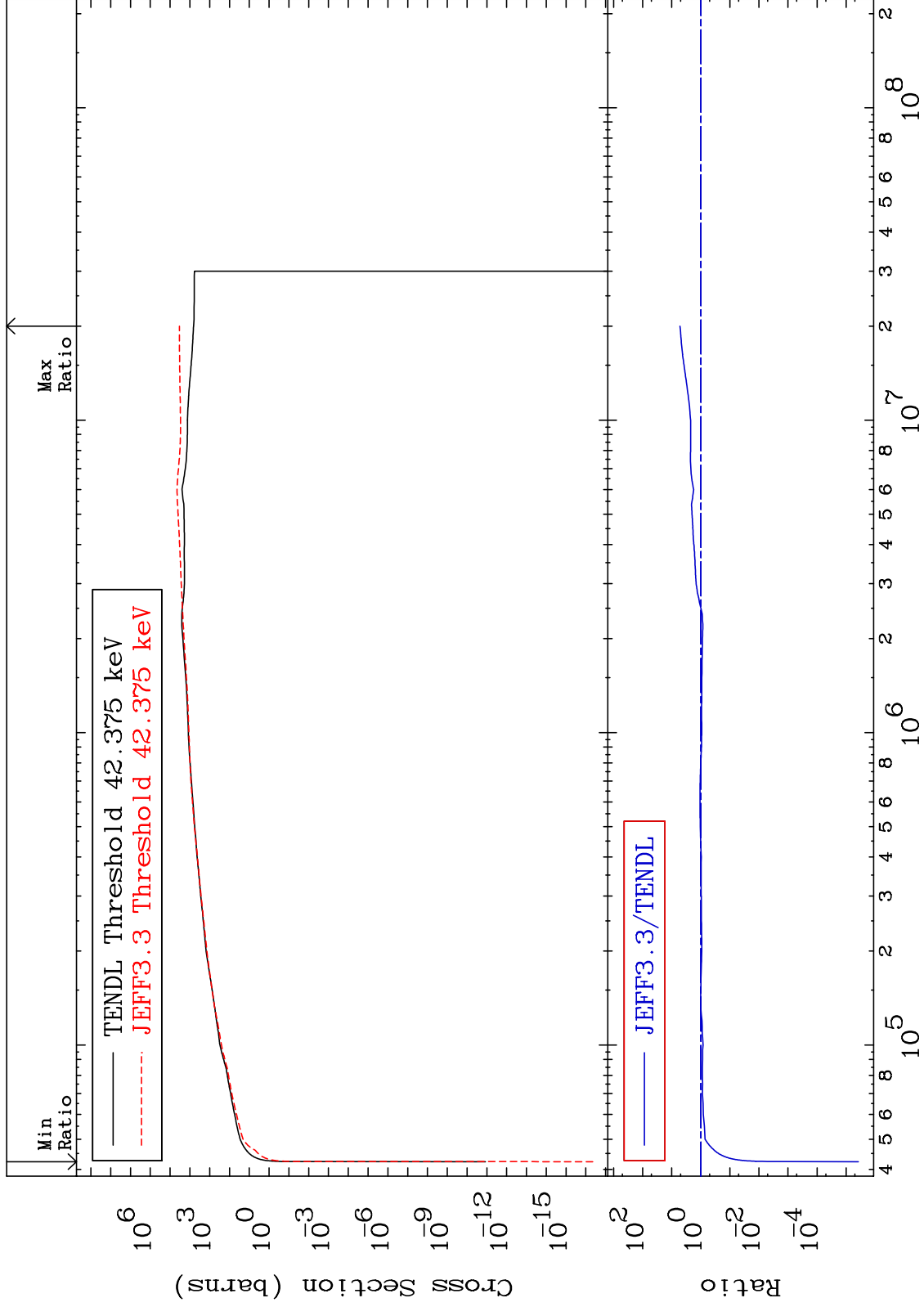
95-Am-243  
-5.792 To 24.99 %



MAT 9549

Dpa inelastic (mt51-91)  
Cross Section

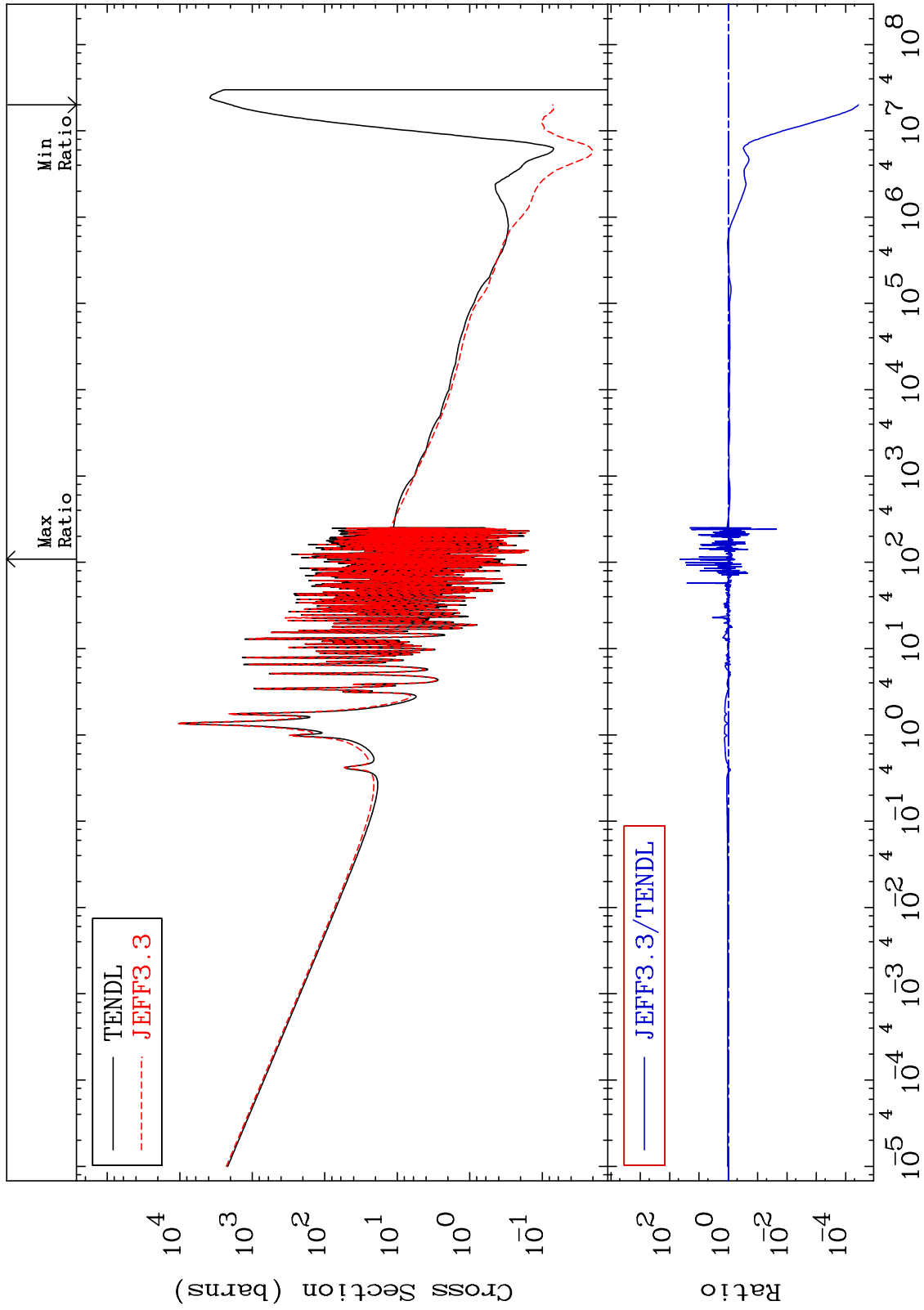
95-Am-243  
-100.0 To 419.6 %



MAT 9549

Dpa disappearance (mt102 -120)  
Cross Section

95-Am-243  
-100.0 To 4344. %



MAT 9549

(n,2n): 95-Am-242m2

95-Am-243

Radionuclide Production Cross Section -35.78 To 1010. %

