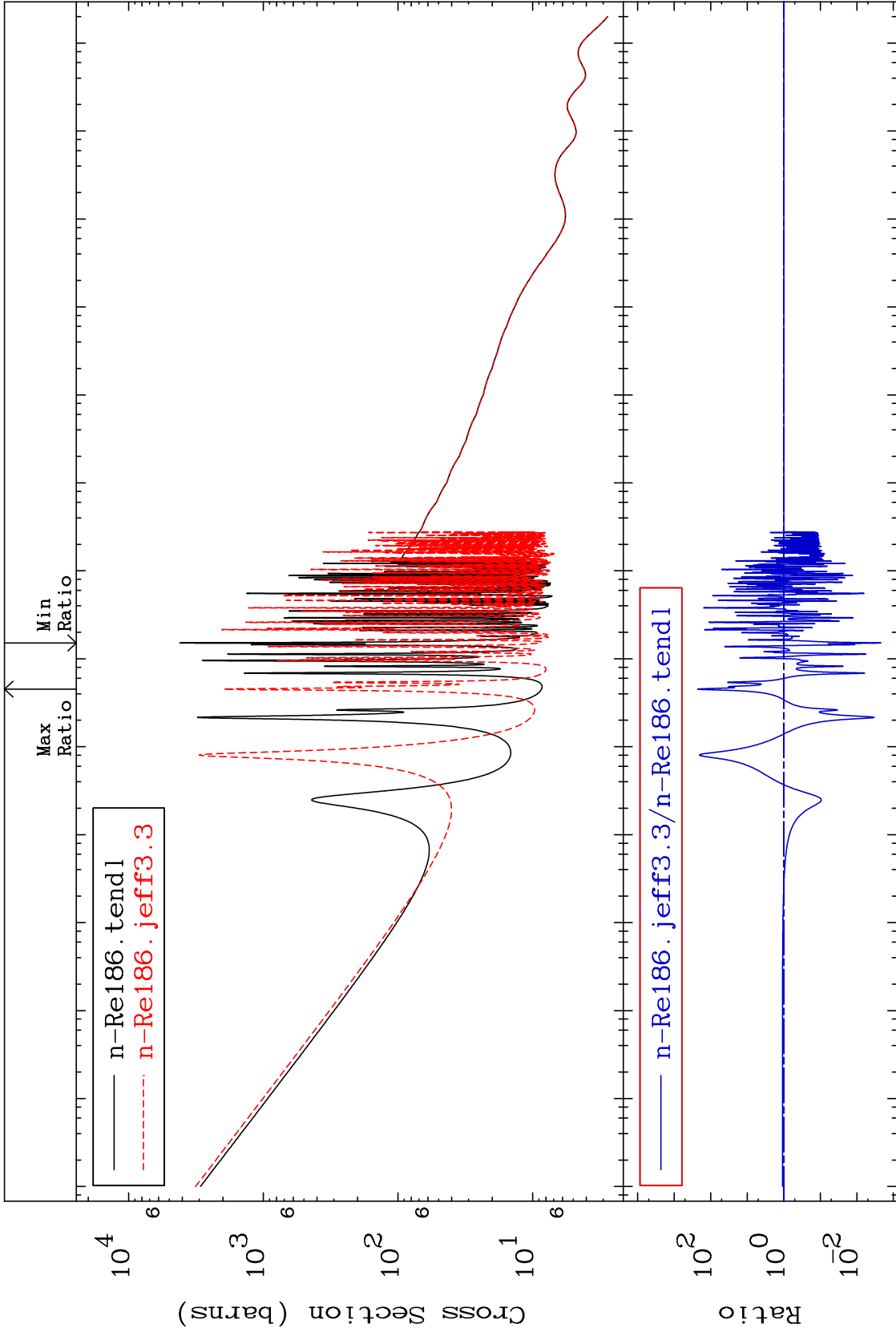


MAT 7528

Total
Cross Section

75-Re-186
-99.78 To 9999. %



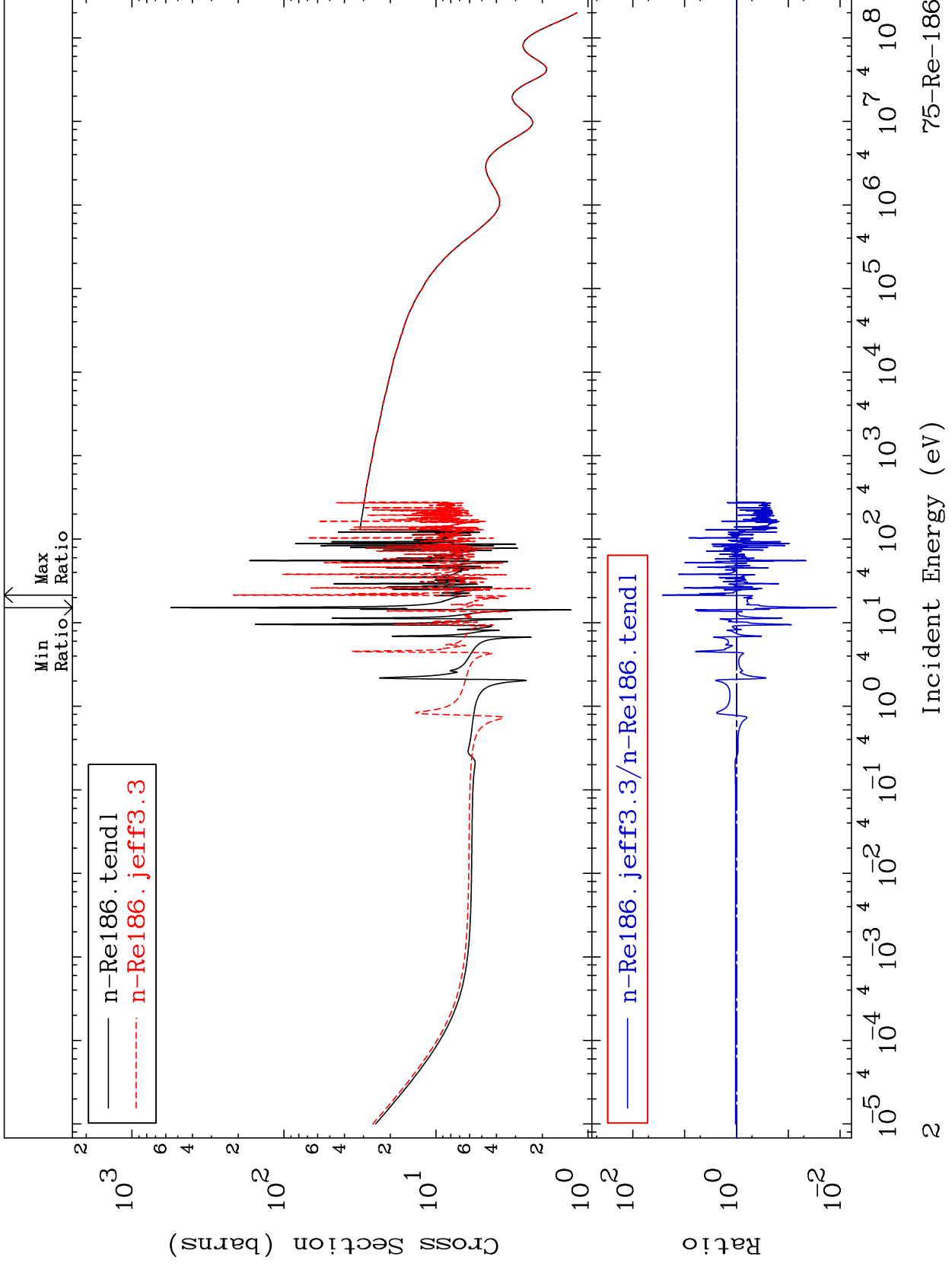
Incident Energy (eV)

75-Re-186

MAT 7528

Elastic
Cross Section

75-Re-186
-98.84 To 2604. %

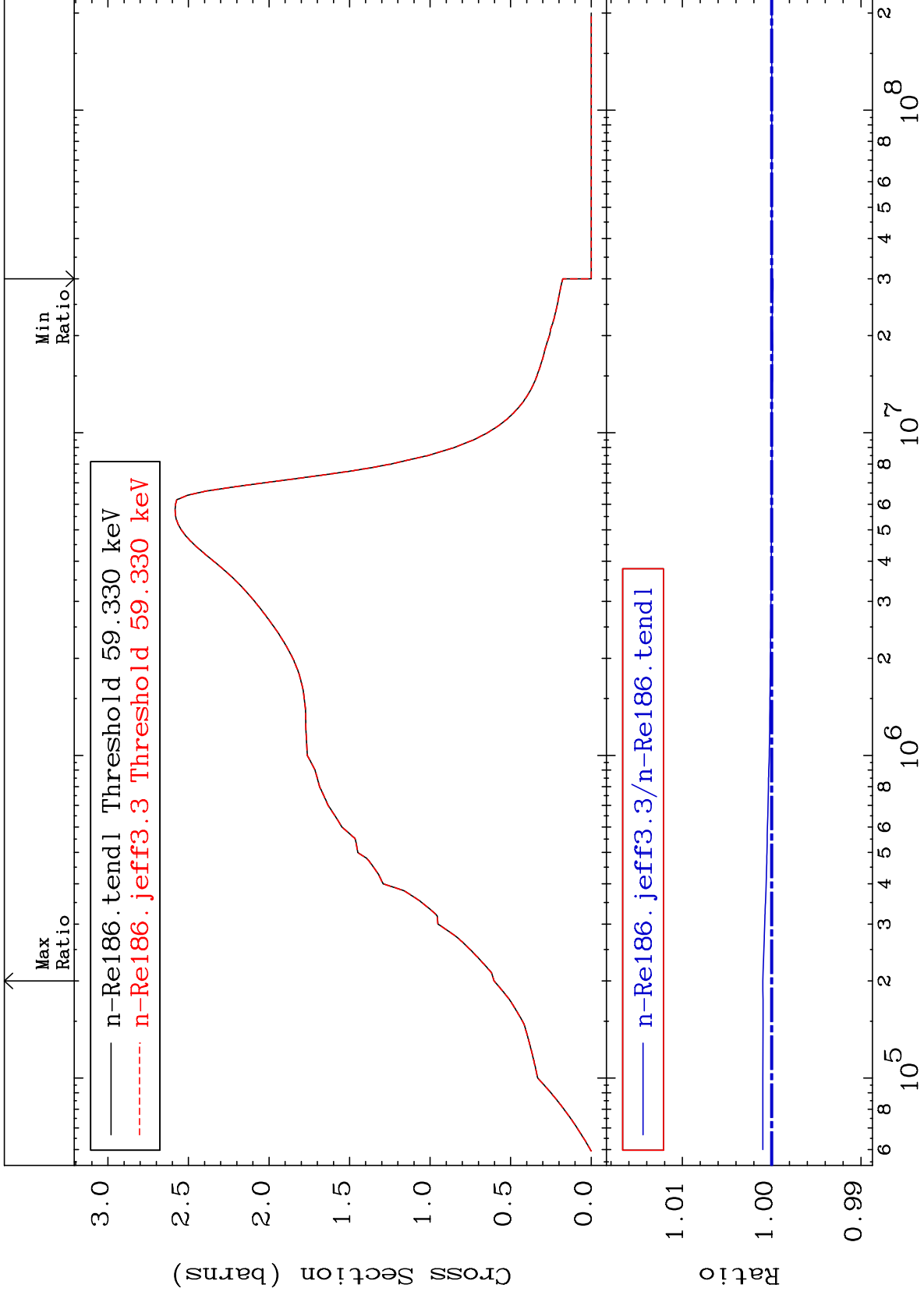


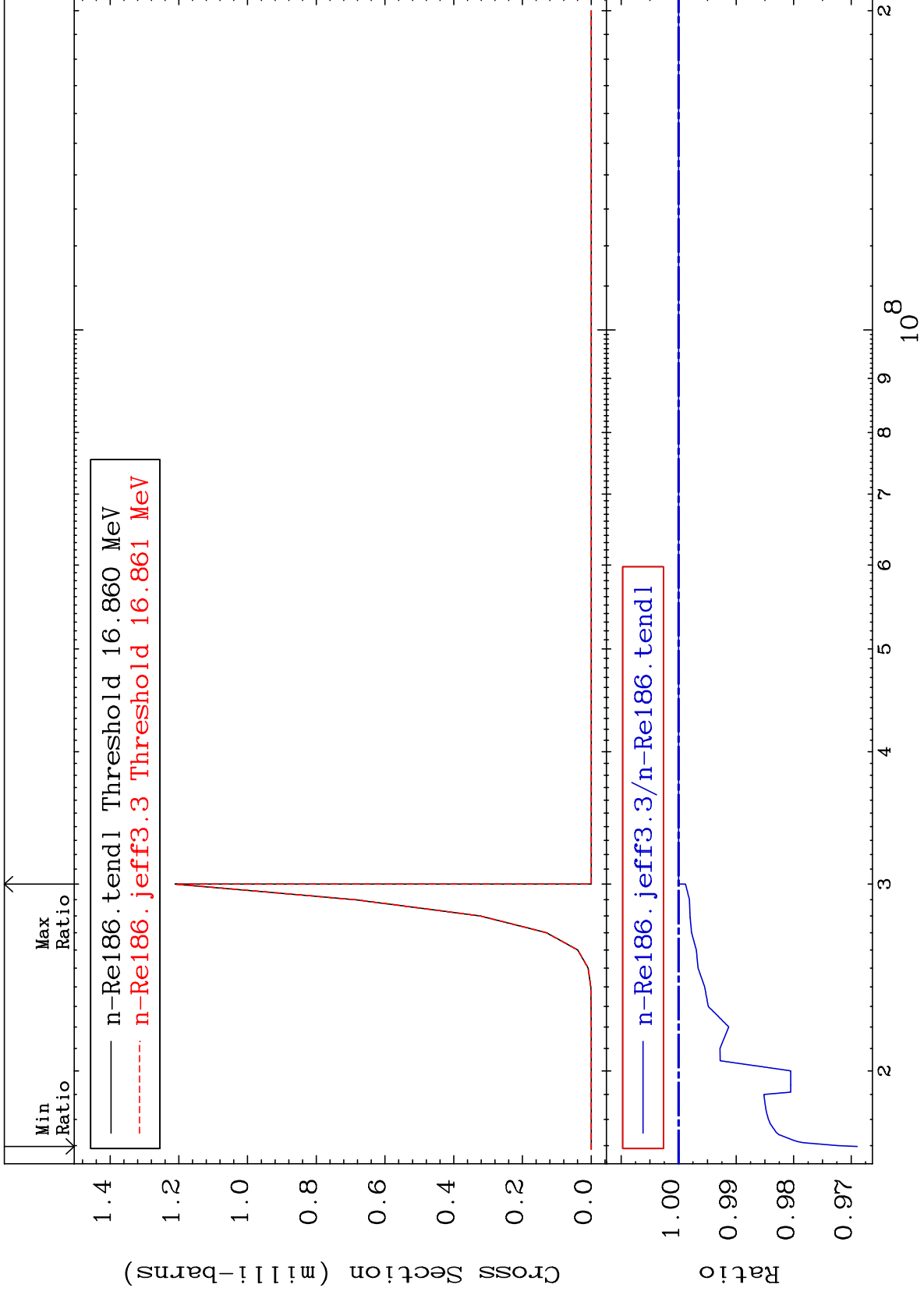
75-Re-186

MAT 7528

Inelastic
Cross Section

⁷⁵Re-¹⁸⁶
-0.016 To 0.100 %

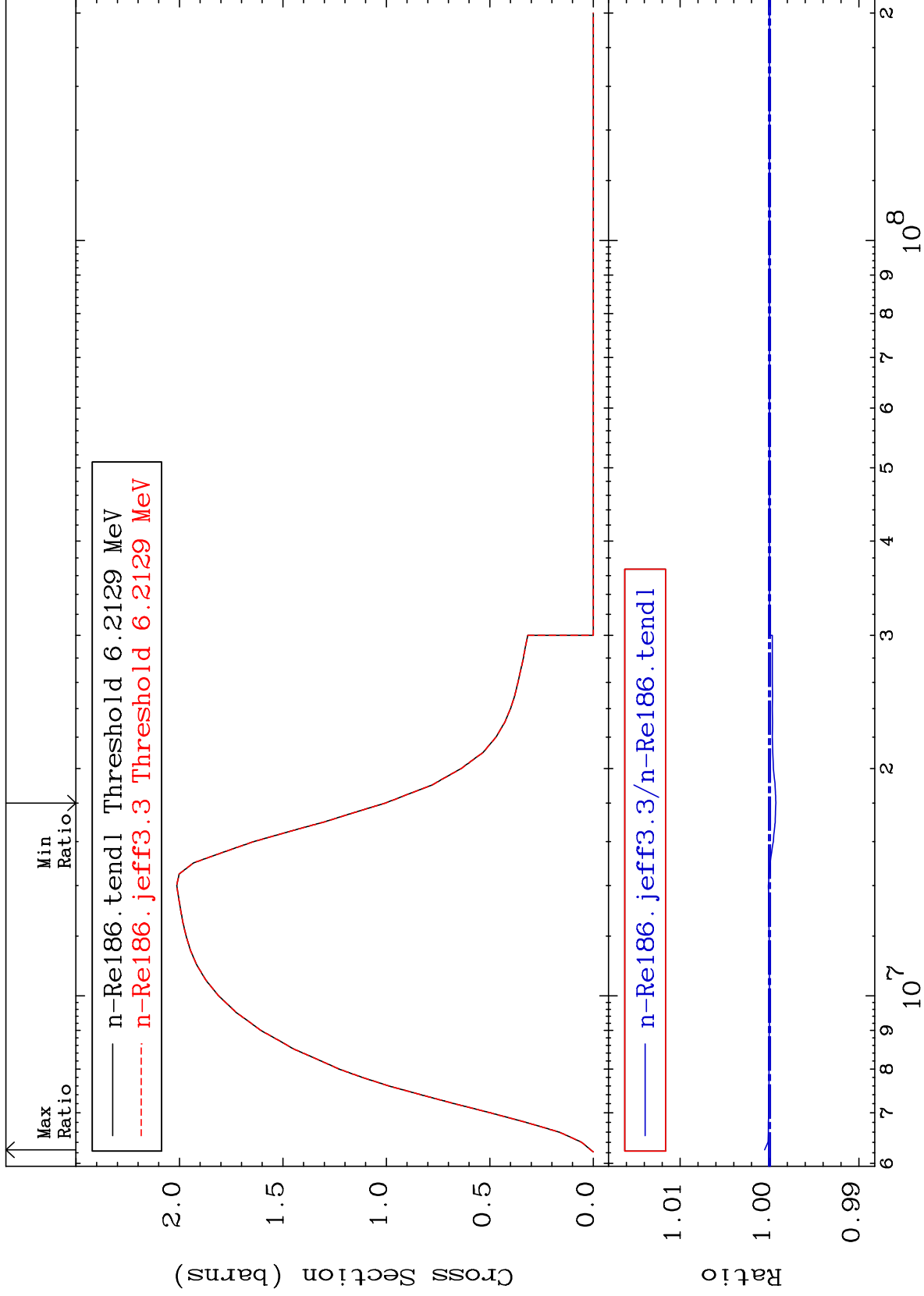




MAT 7528

(n,2n)
Cross Section

⁷⁵Re-¹⁸⁶
-0.071 To 0.055 %



5

Incident Energy (eV)

⁷⁵Re-¹⁸⁶

MAT 7528

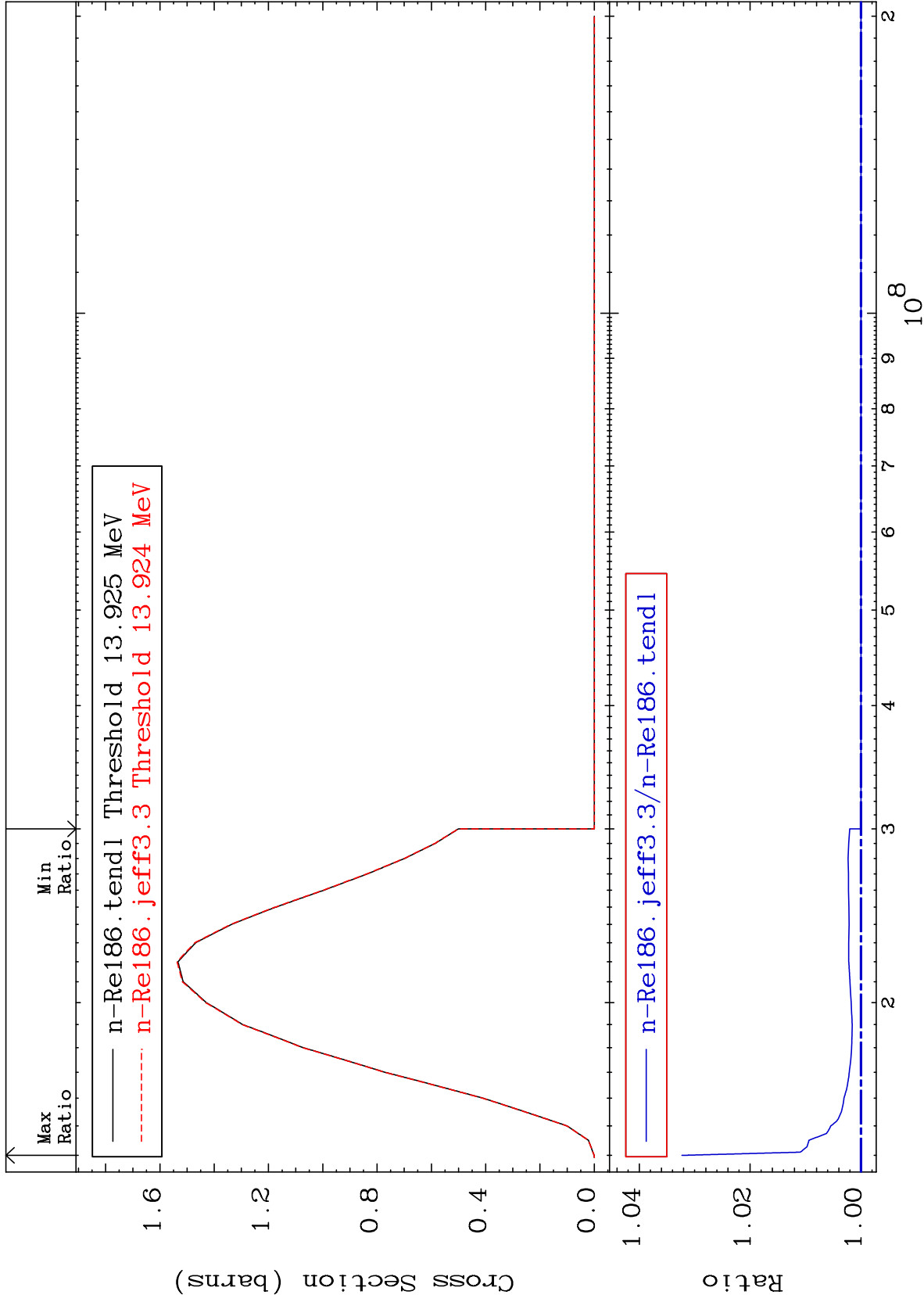
(n,3n)

⁷⁵Re-186

Cross Section

0.000

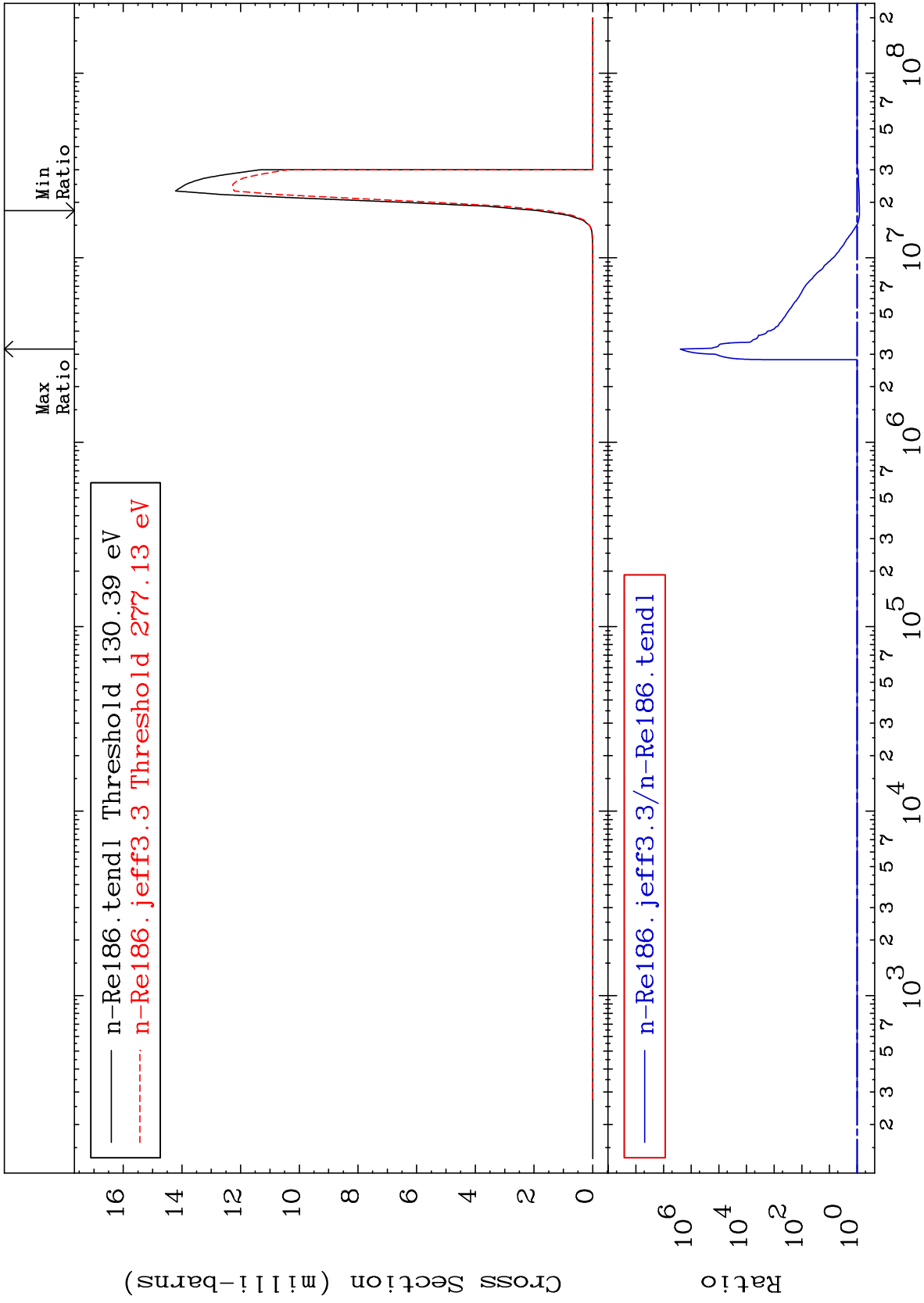
To 3.230 %



MAT 7528

(n, n') α
Cross Section

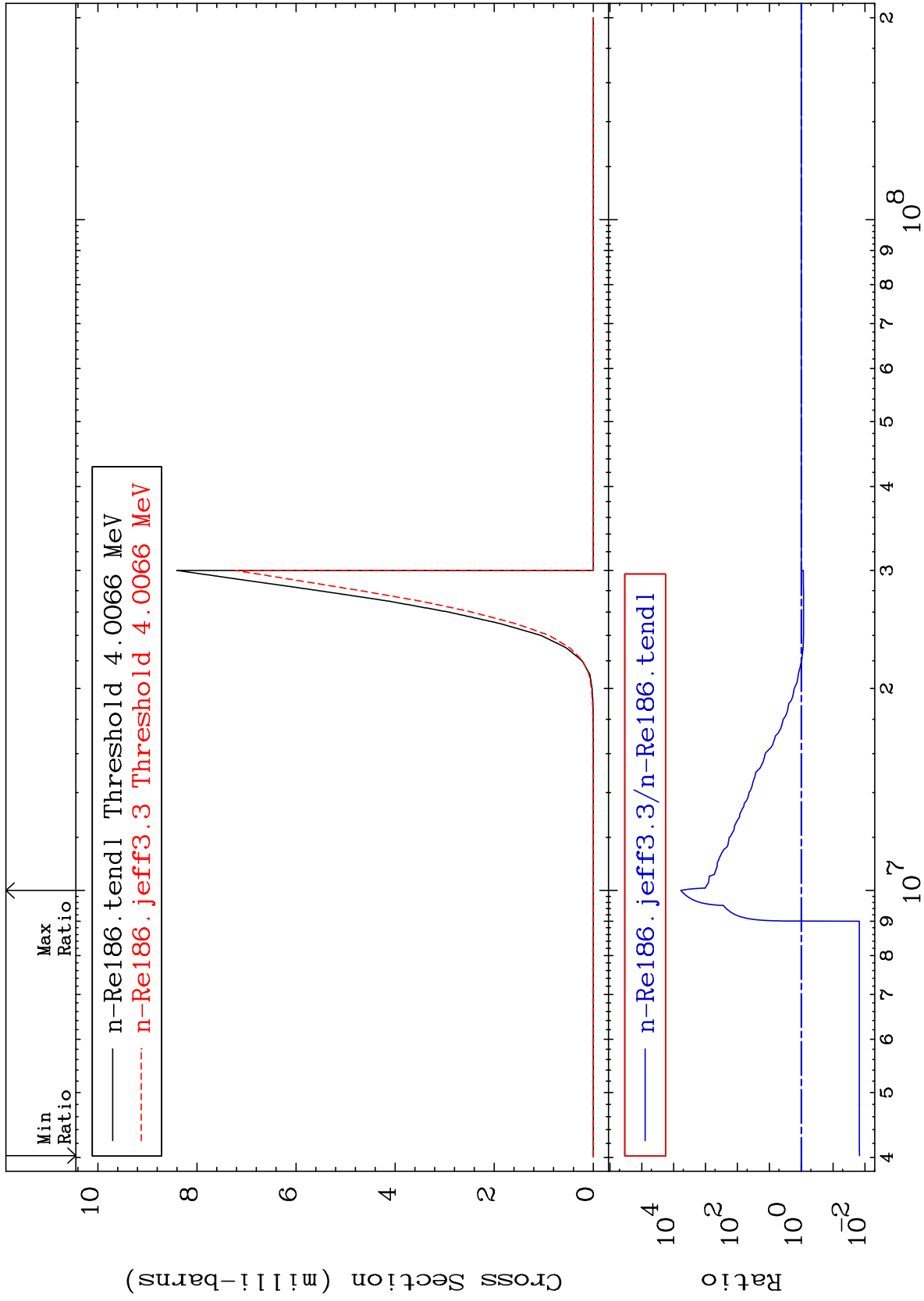
75-Re-186
-17.44 To 9999. %



MAT 7528

(n,2n) α
Cross Section

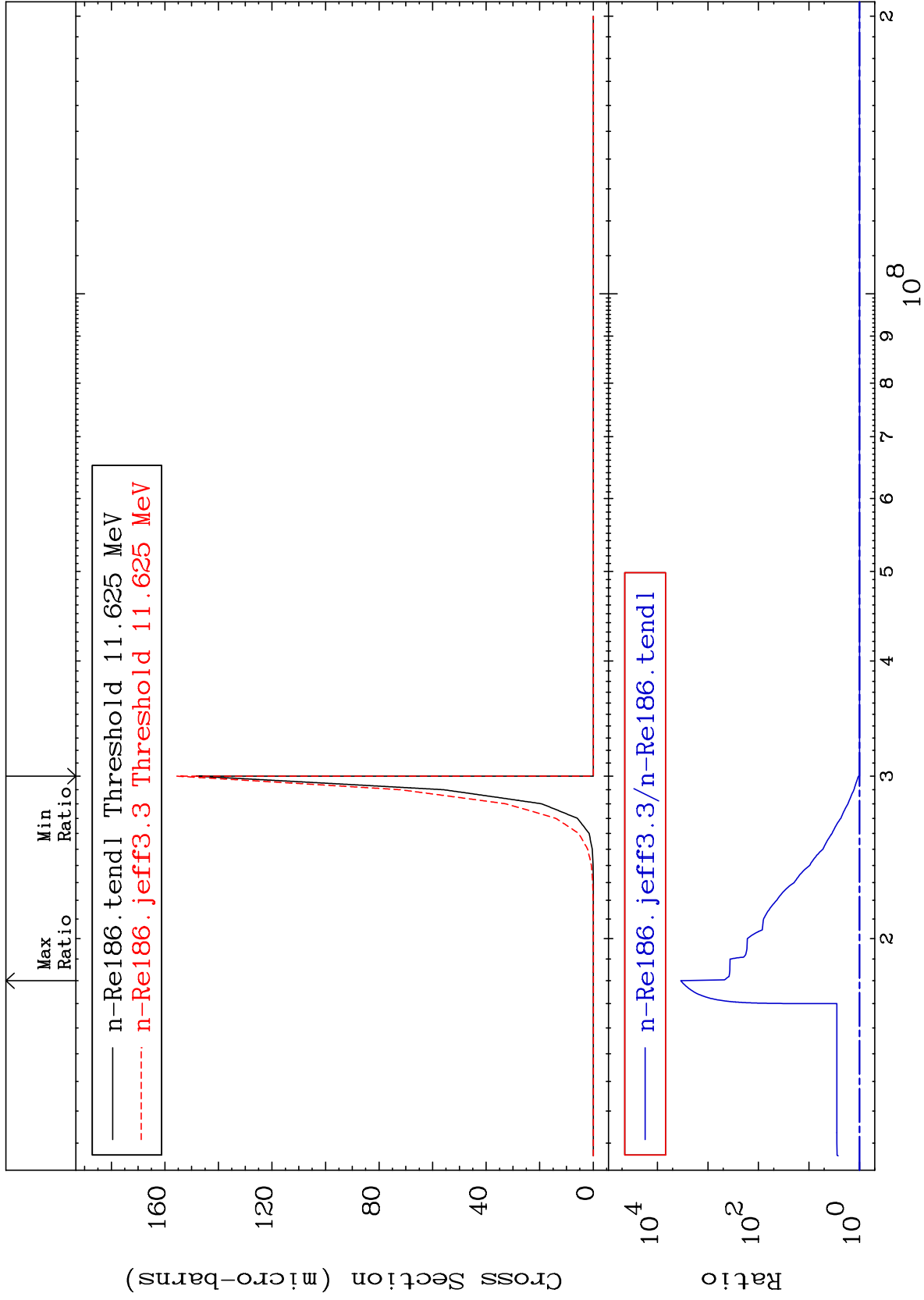
75-Re-186
-98.53 To 9999. %



MAT 7528

(n,3n) α
Cross Section

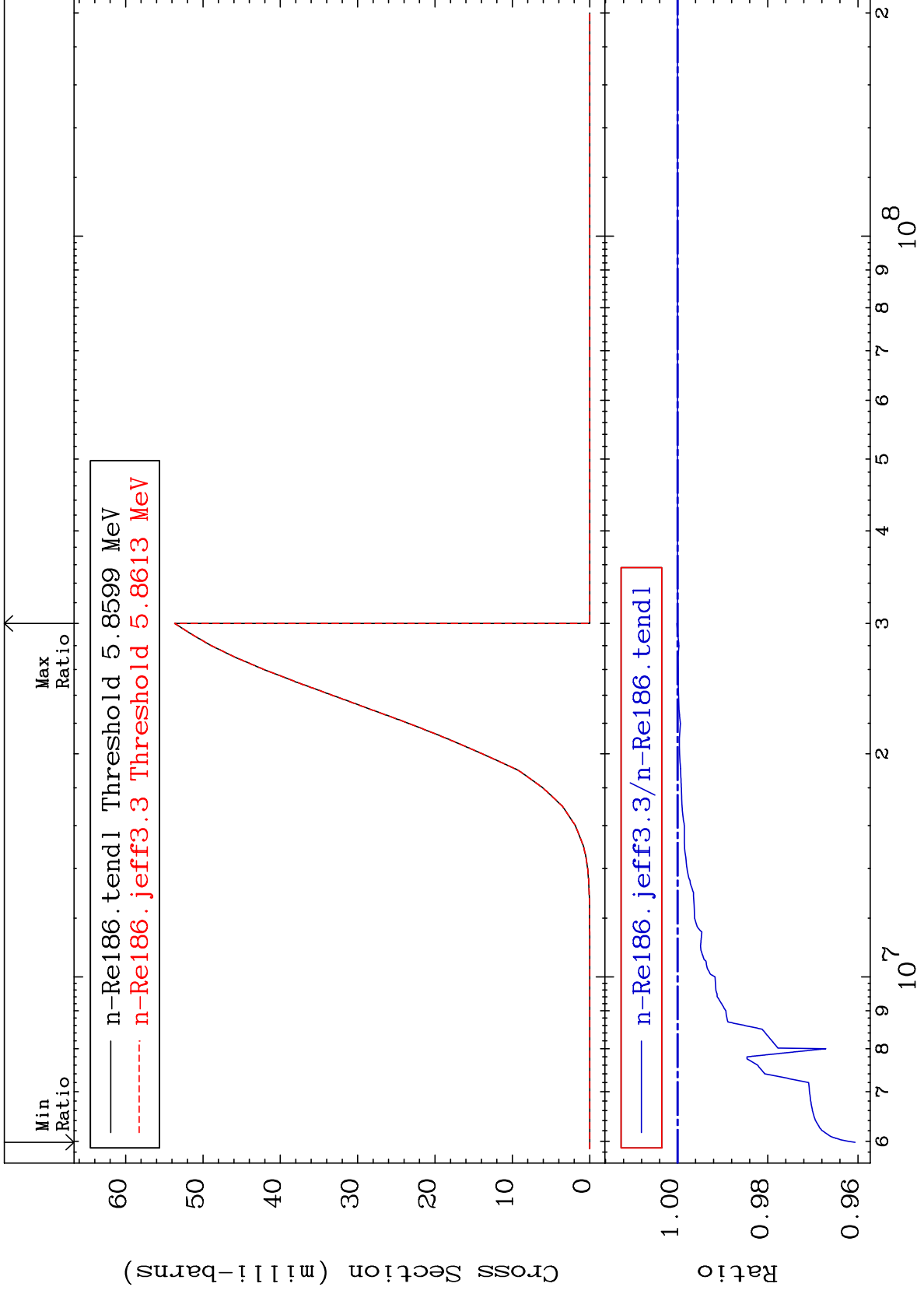
⁷⁵Re-¹⁸⁶Re
To 9999. %
0.000



MAT 7528

(n, n') p
Cross Section

⁷⁵Re-¹⁸⁶Re
-3.937 To 0.015 %



10

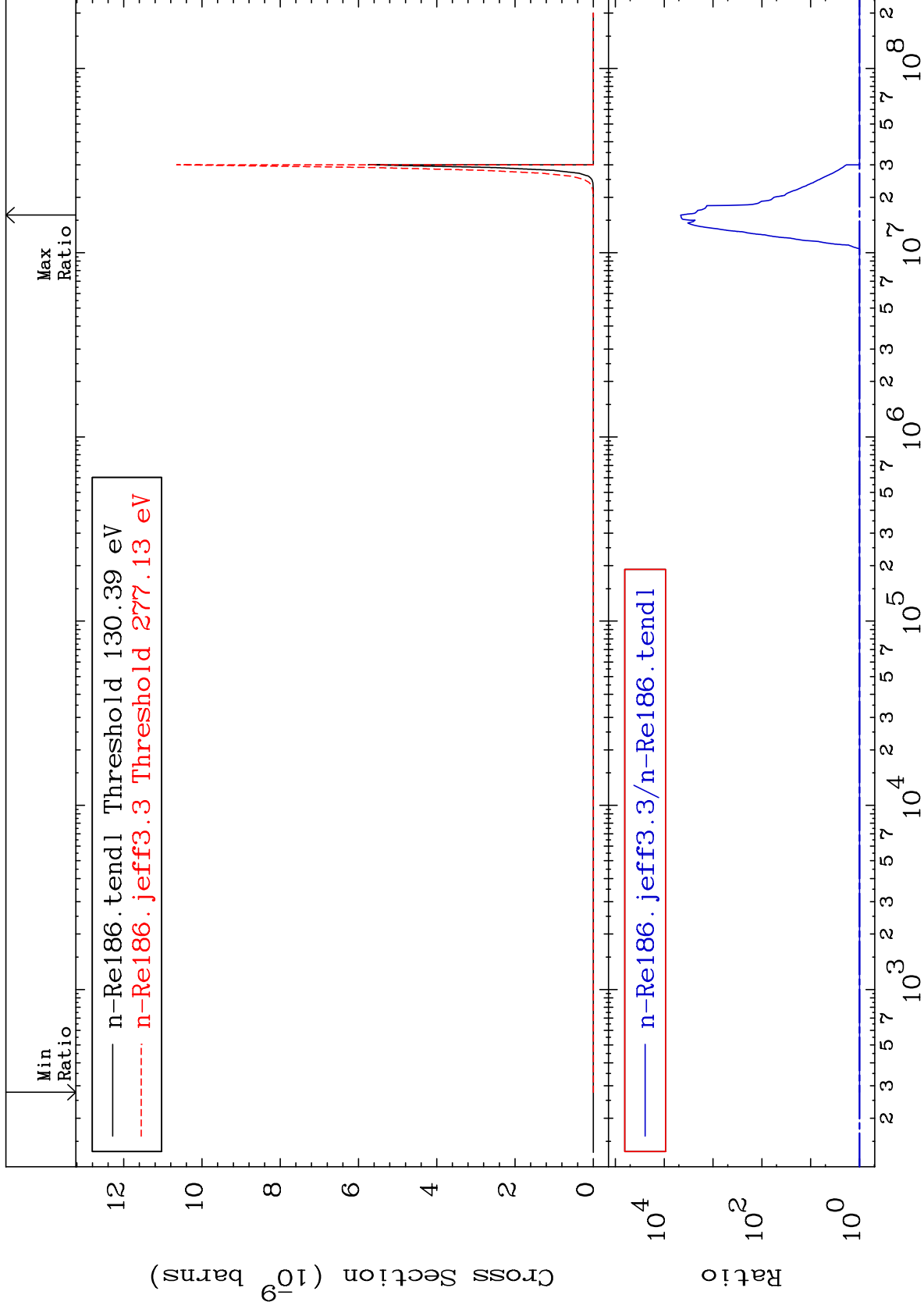
Incident Energy (eV)

⁷⁵Re-¹⁸⁶Re

MAT 7528

(n, n') 2α
Cross Section

⁷⁵Re-186
To 9999. %



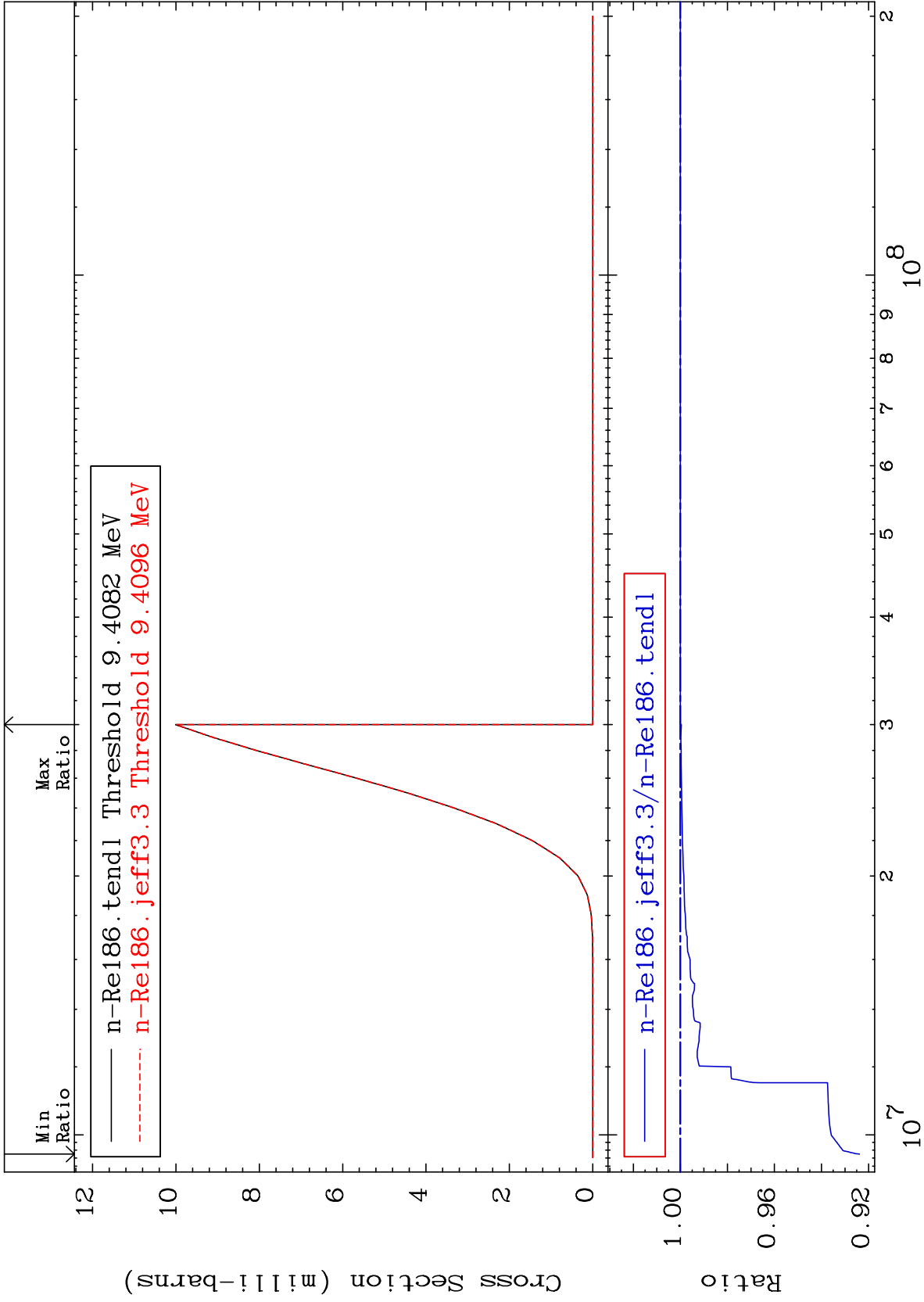
MAT 7528

(n,n') d

⁷⁵Re-¹⁸⁶

Cross Section

-7.613 To 0.000 %



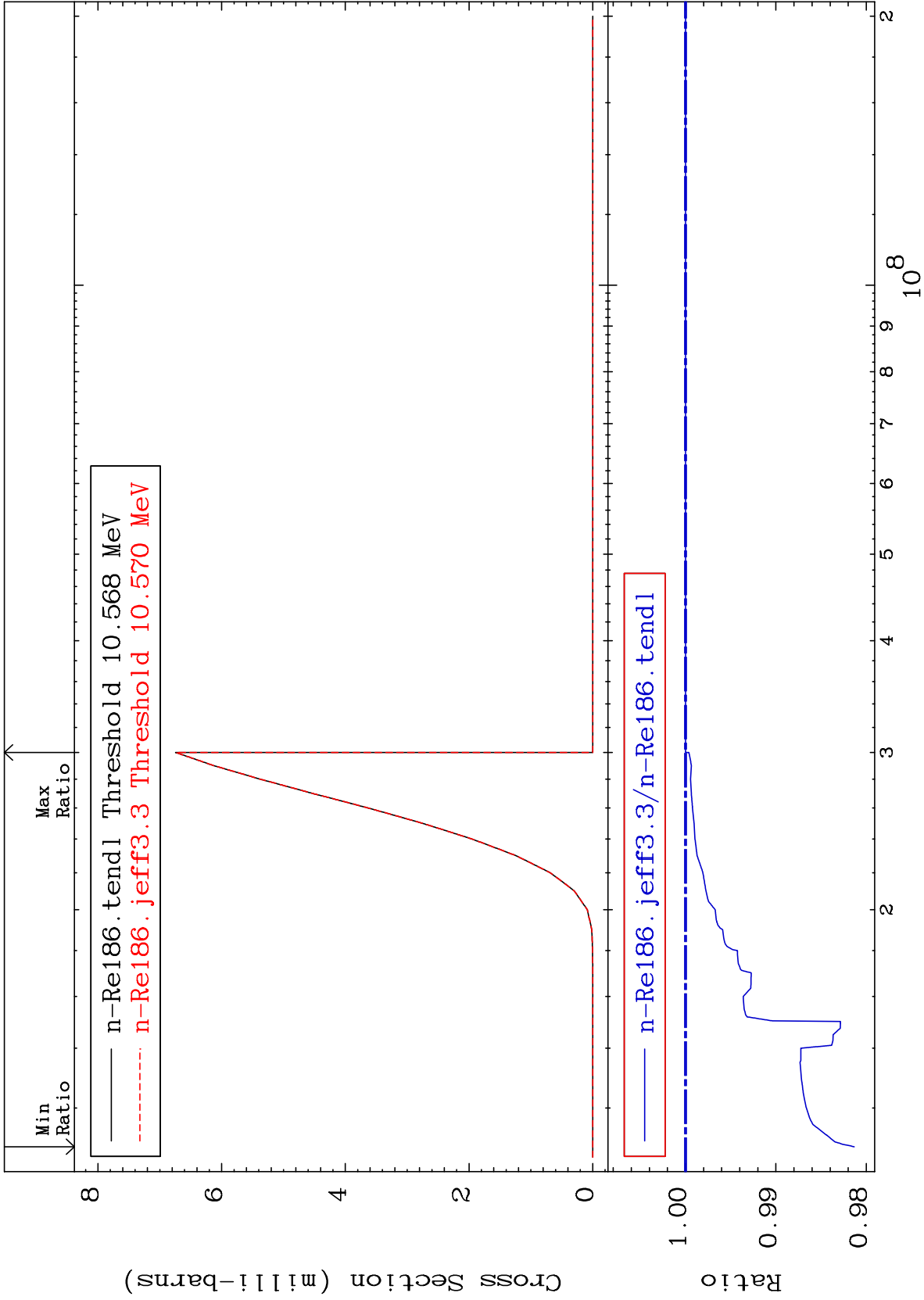
12

Incident Energy (eV)

⁷⁵Re-¹⁸⁶

Cross Section

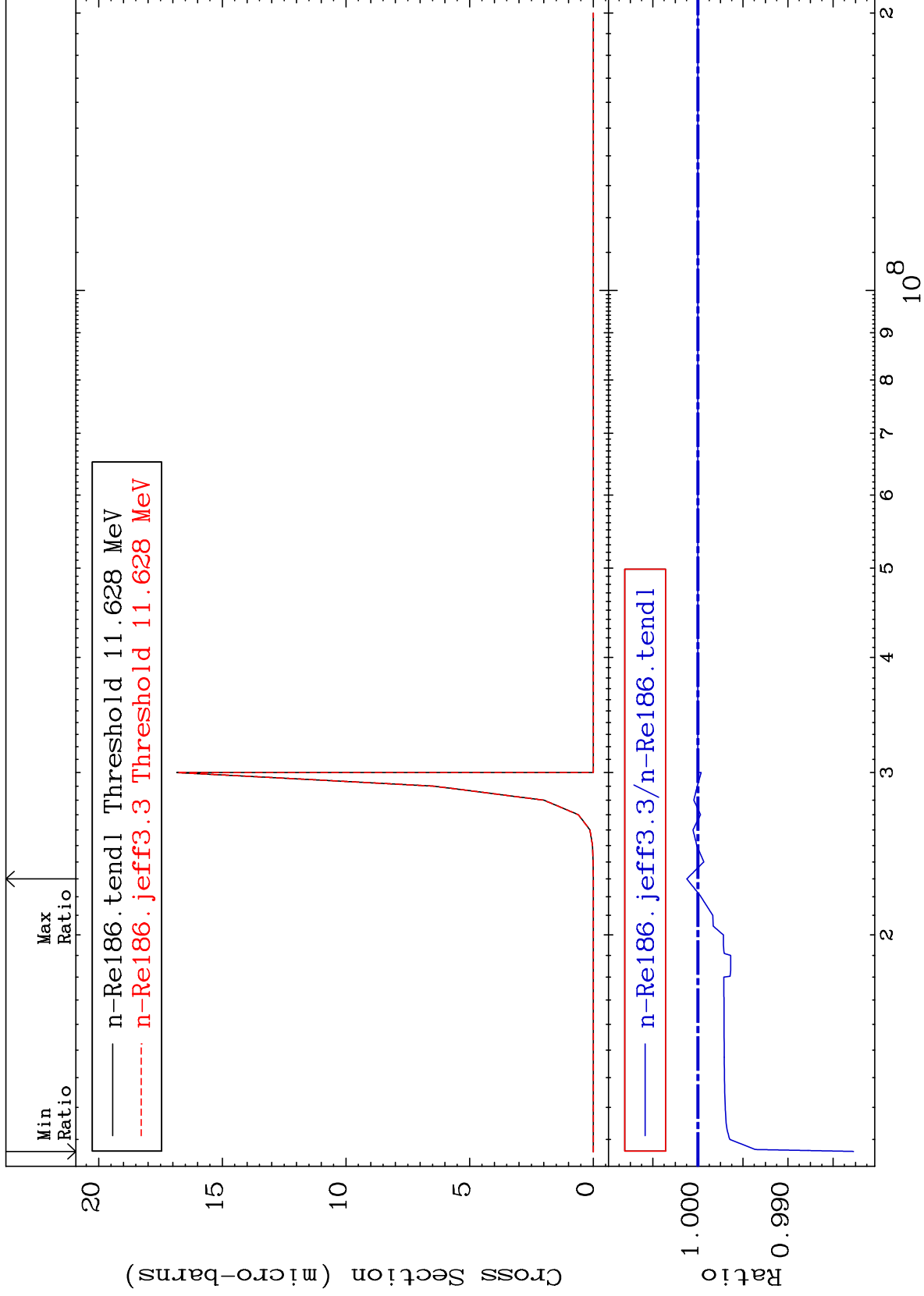
-1.867 To 0.000 %



MAT 7528

(n, n') He-3
Cross Section

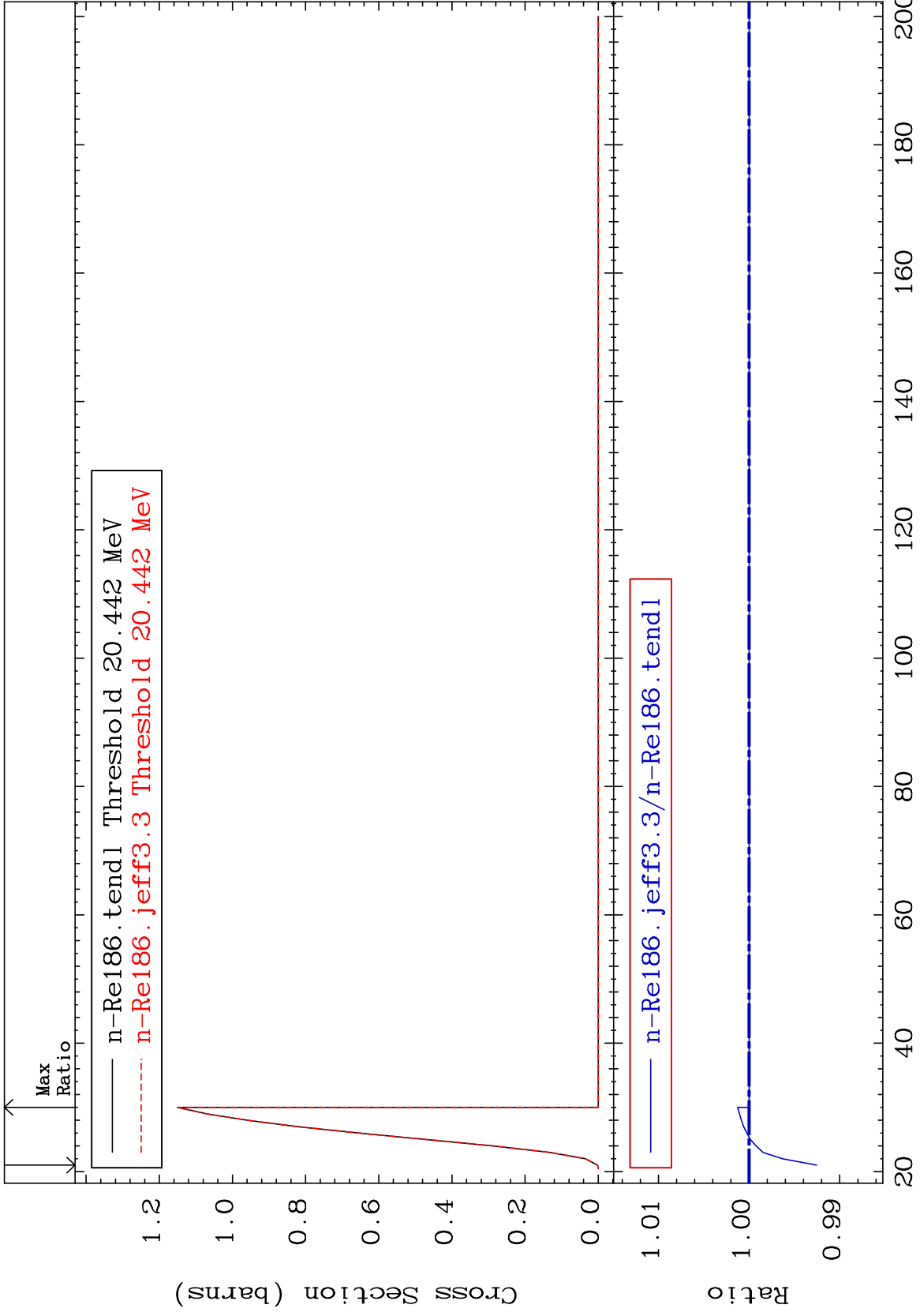
75-Re-186
-1.728 To 0.123 %

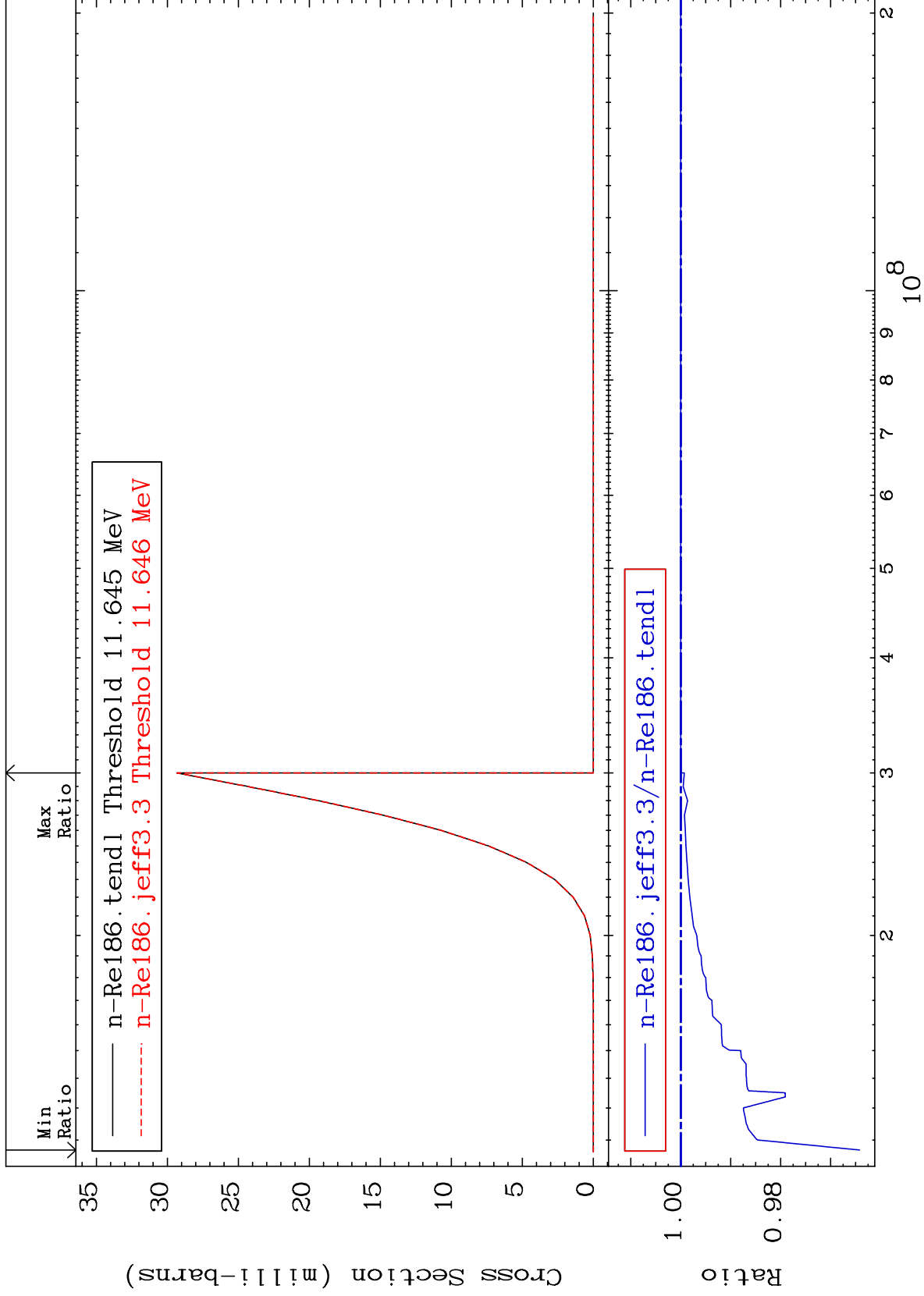


MAT 7528

(n,4n)
Cross Section

⁷⁵Re-¹⁸⁶Re
-0.744 To 0.126 %

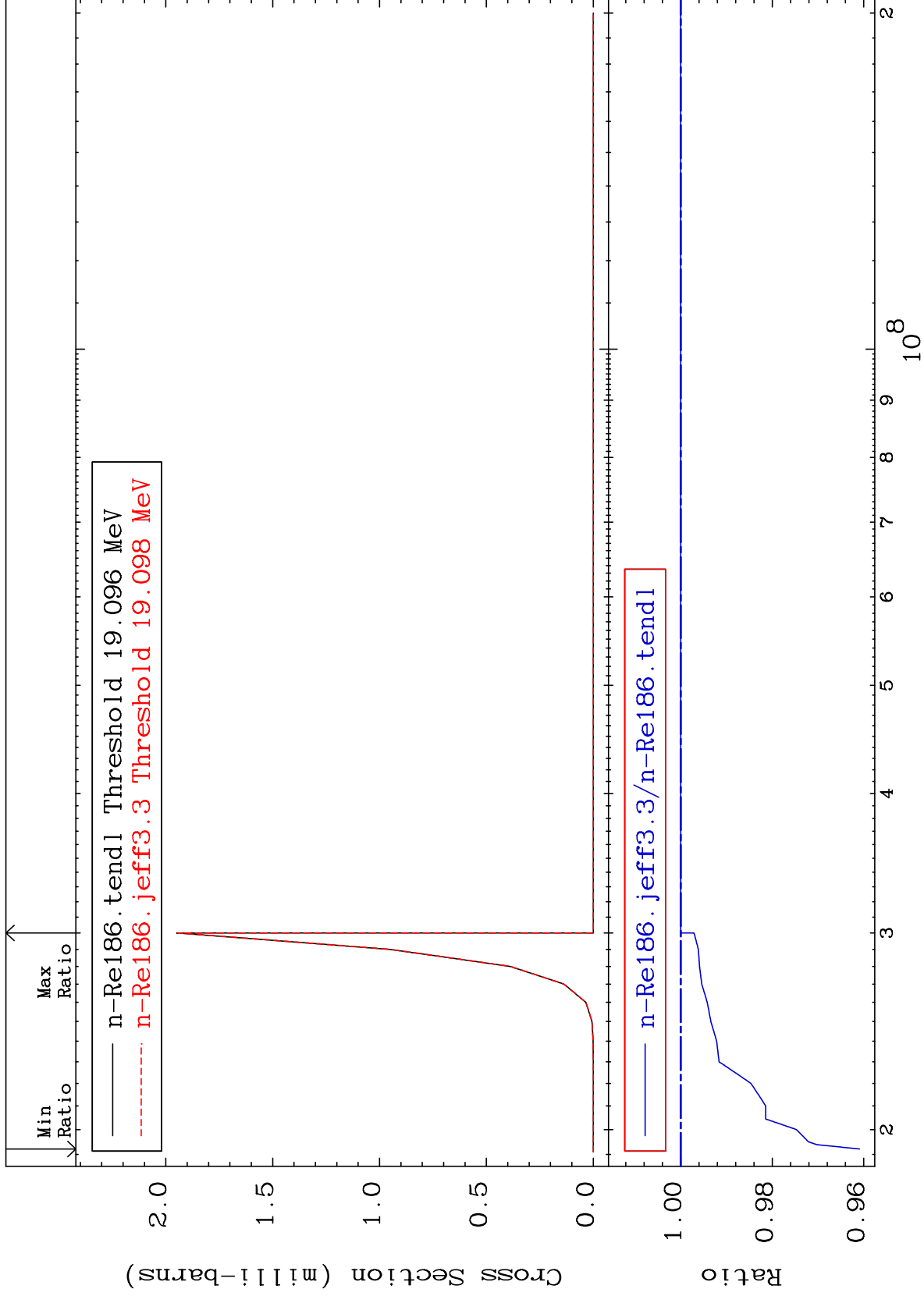




MAT 7528

(n,3n) p
Cross Section

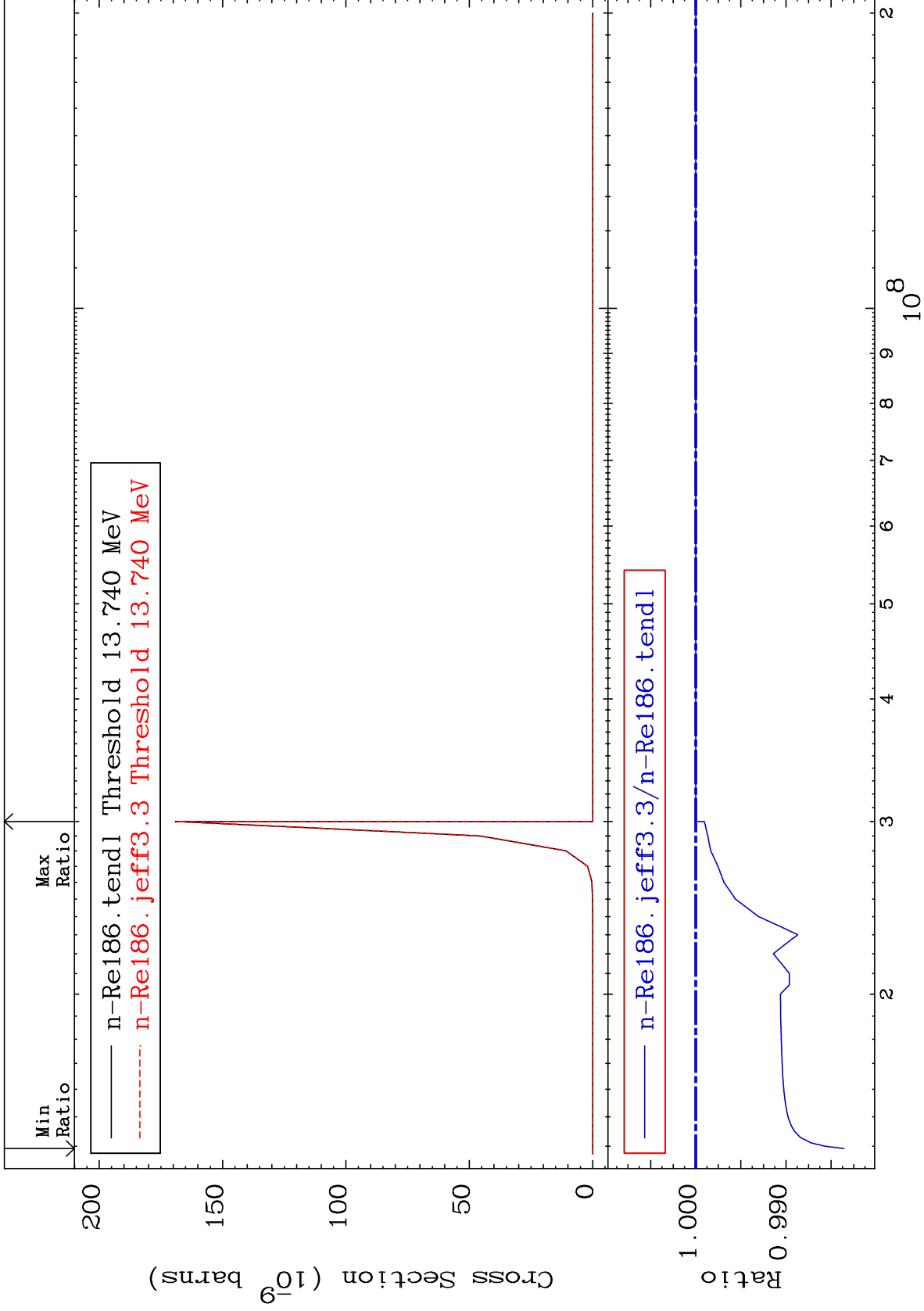
⁷⁵Re-¹⁸⁶Re
-3.907 To 0.000 %

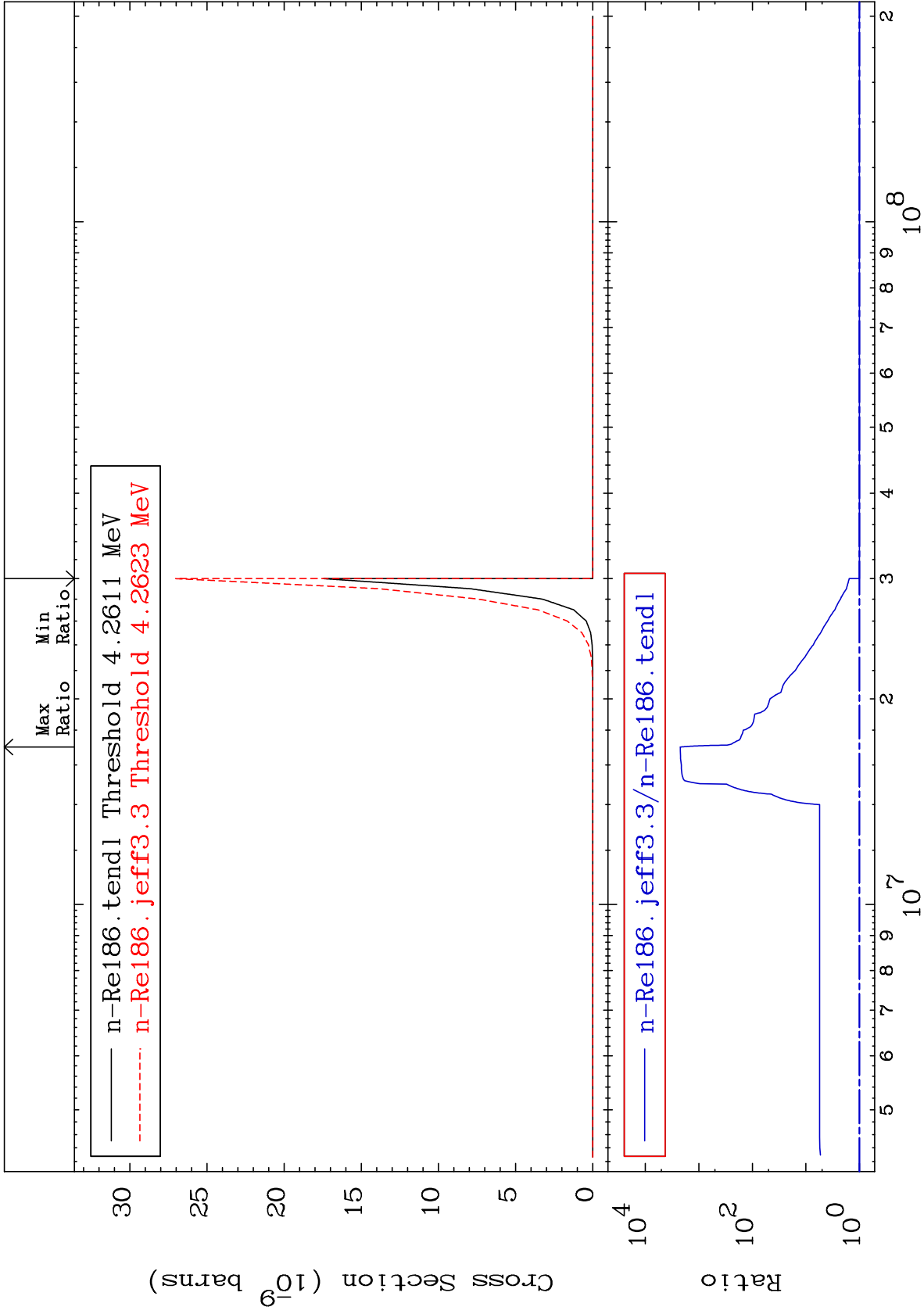


17

Incident Energy (eV)

⁷⁵Re-¹⁸⁶Re

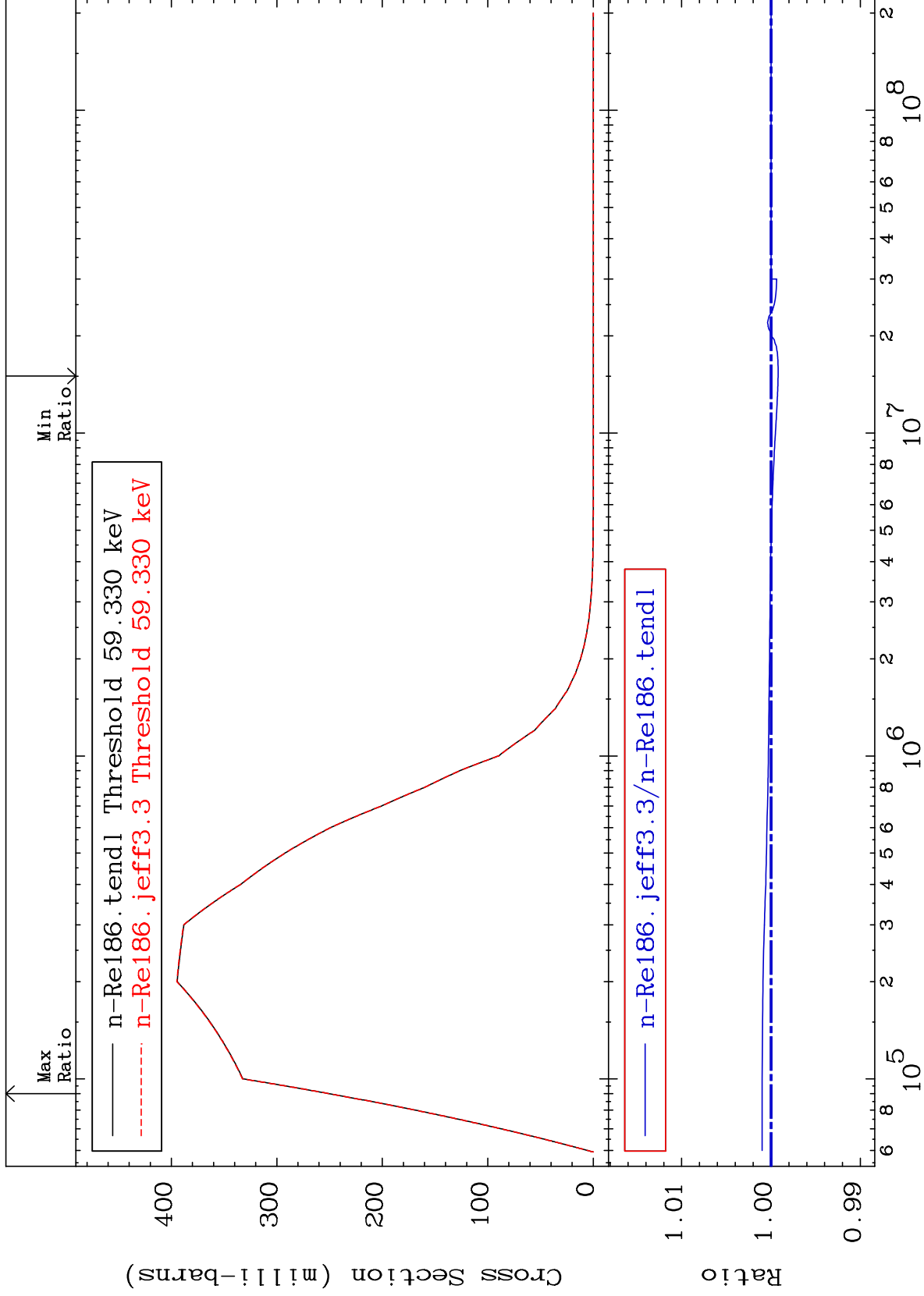




MAT 7528

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

75-Re-186
-0.079 To 0.099 %



20

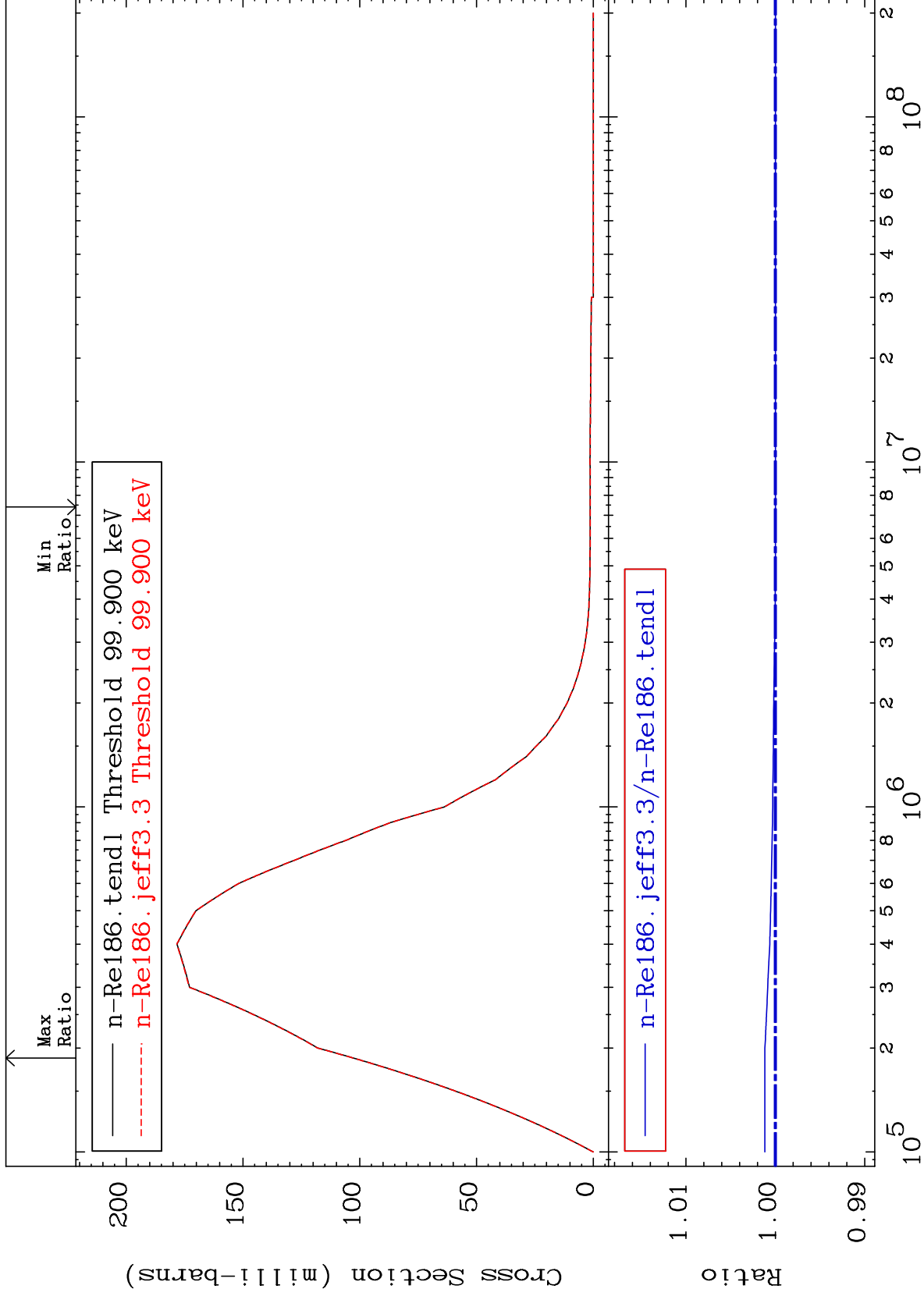
Incident Energy (eV)

75-Re-186

MAT 7528

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

75-Re-186
0.000 To 0.117 %



21

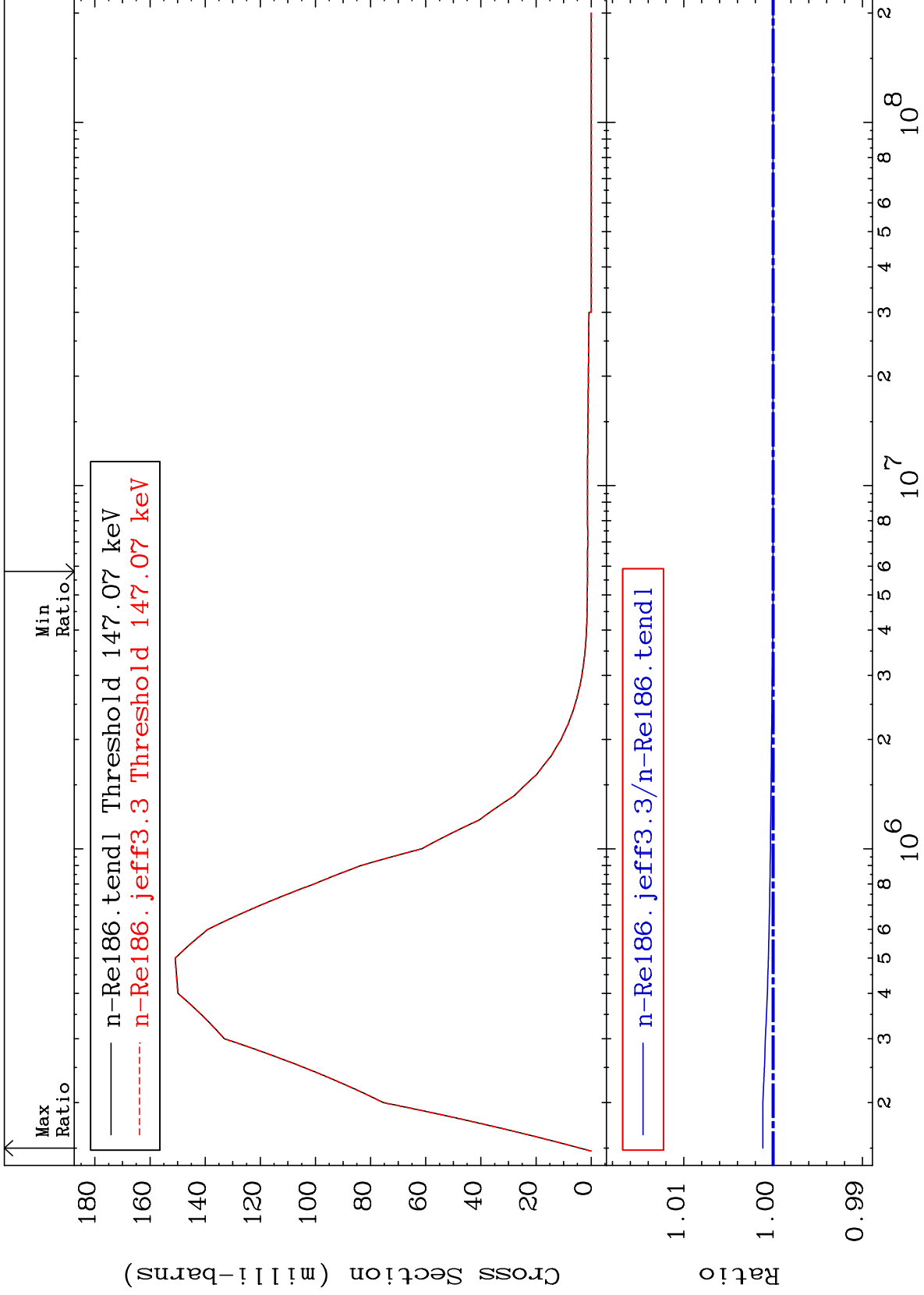
Incident Energy (eV)

75-Re-186

MAT 7528

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

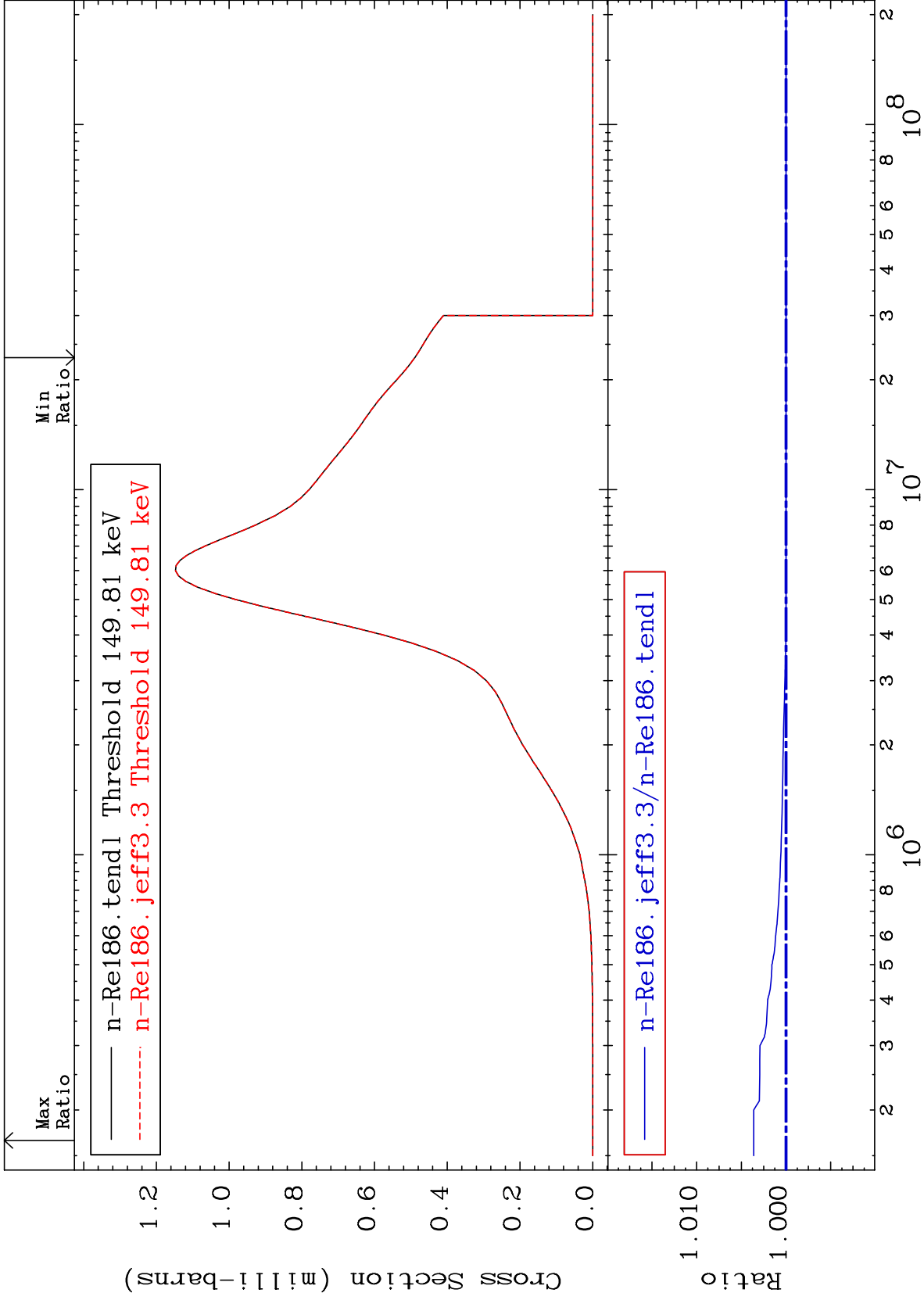
75-Re-186
To 0.116 %



MAT 7528

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

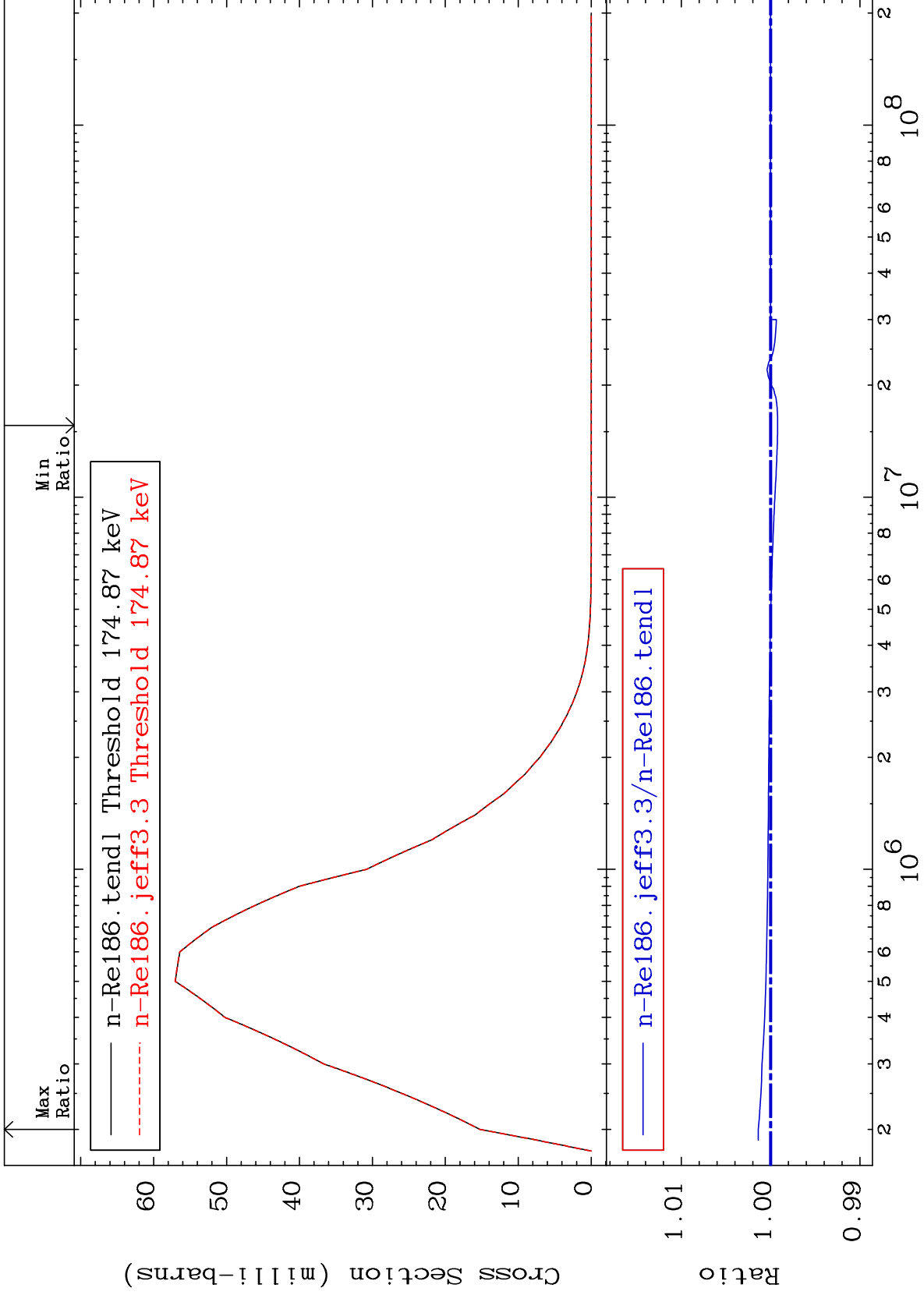
75-Re-186
0.000 To 0.361 %

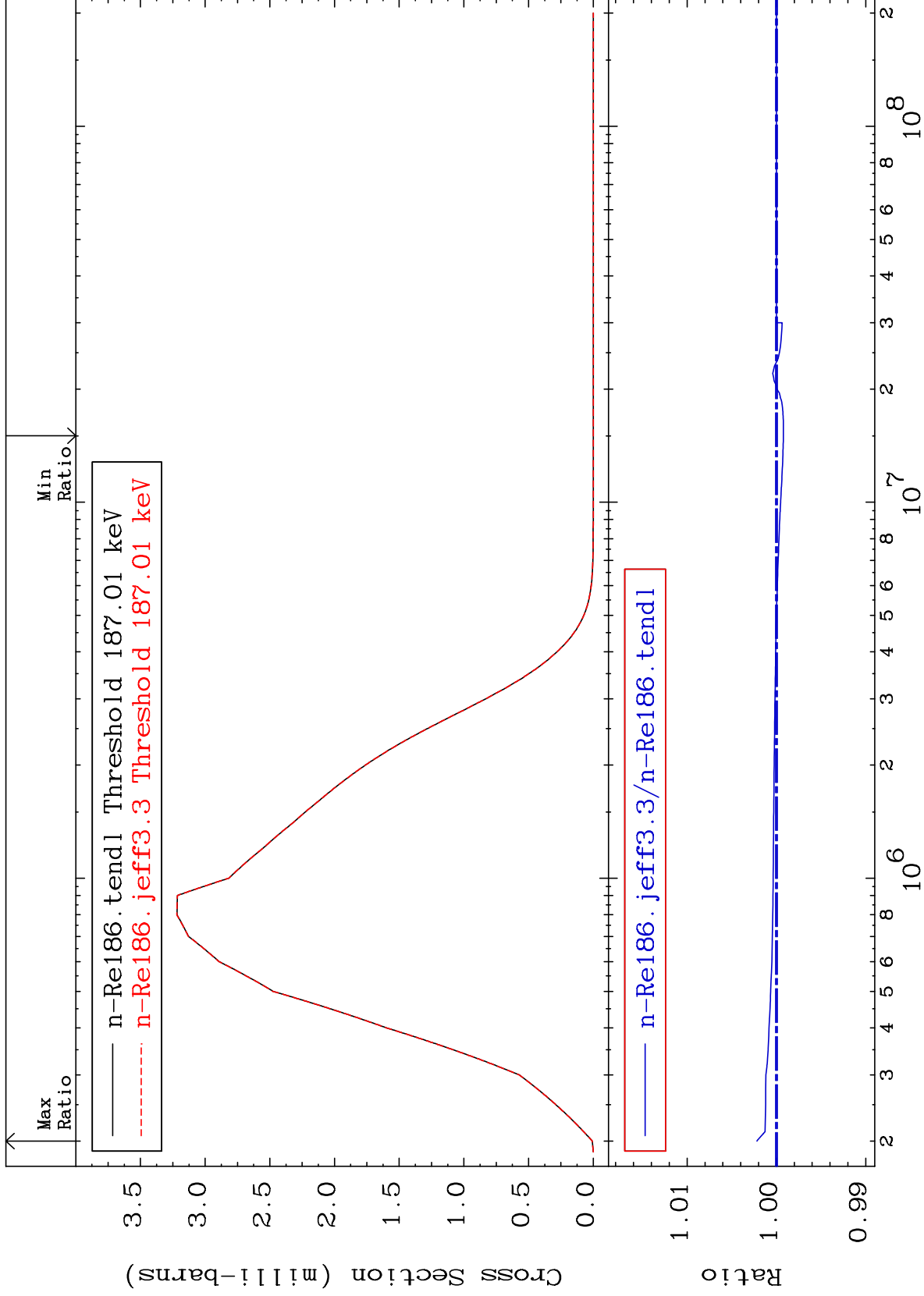


MAT 7528

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

75-Re-186
-0.079 To 0.138 %

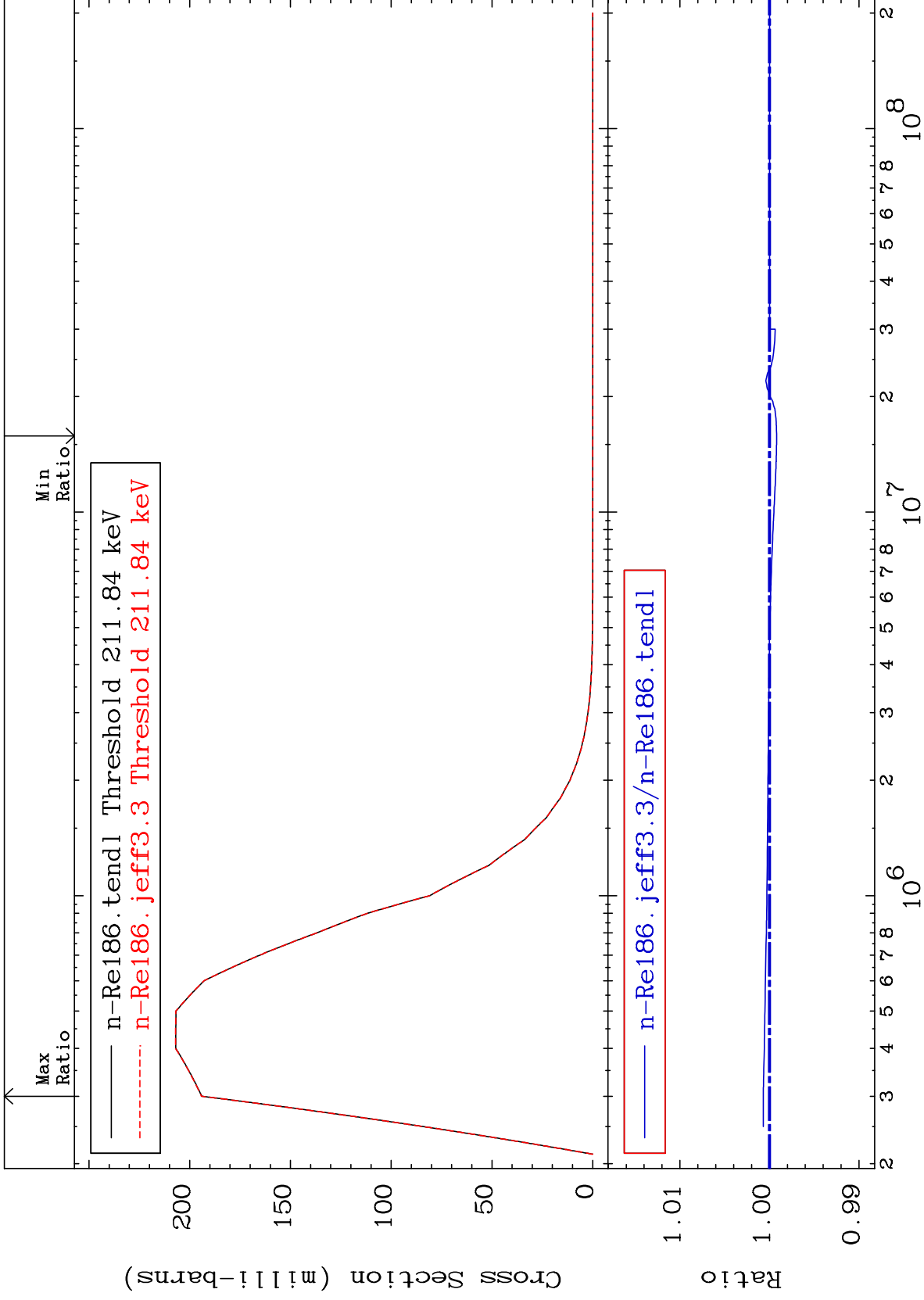




MAT 7528

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

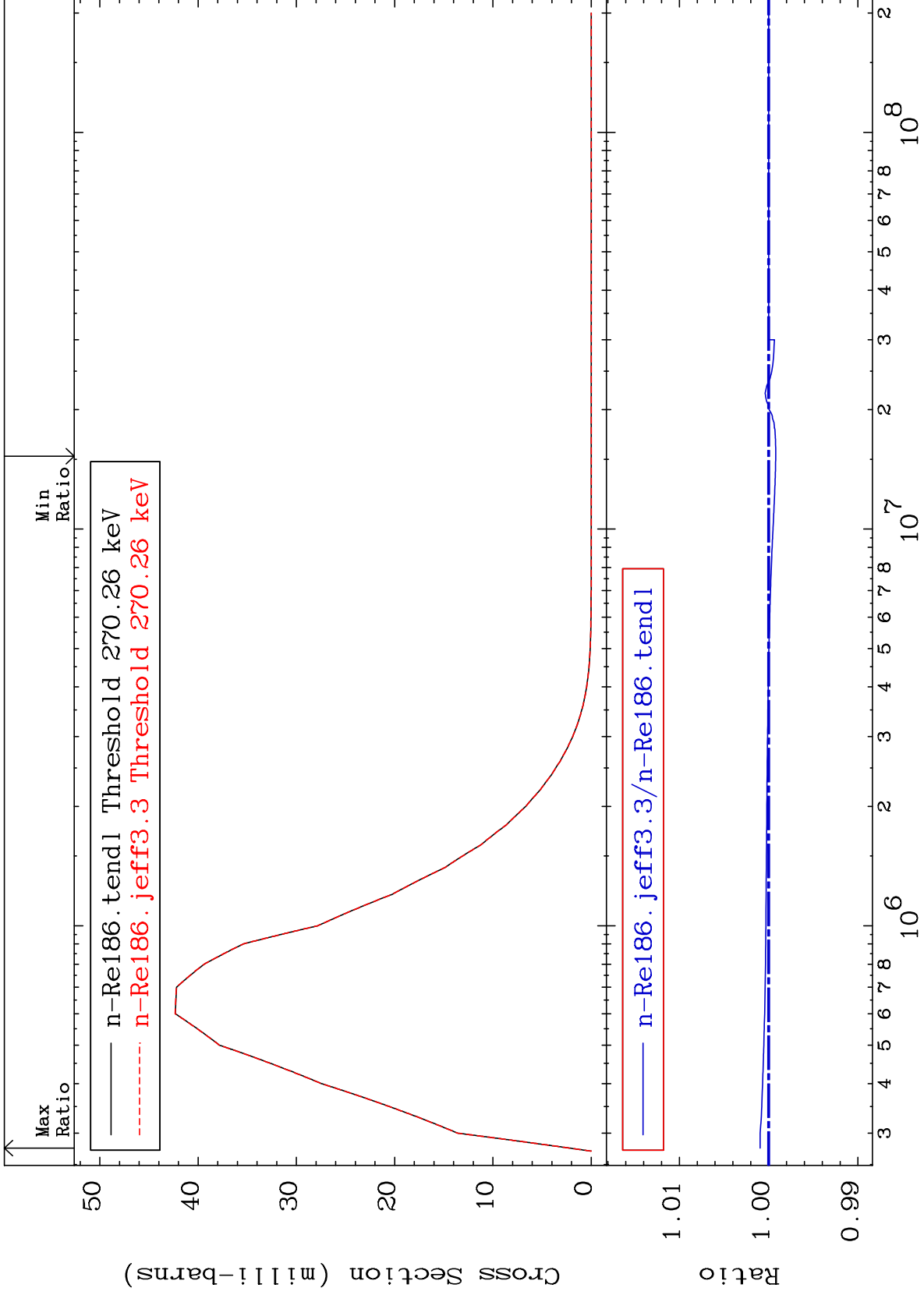
75-Re-186
-0.079 To 0.070 %



MAT 7528

MT= 58 (n,n') Level
Cross Section

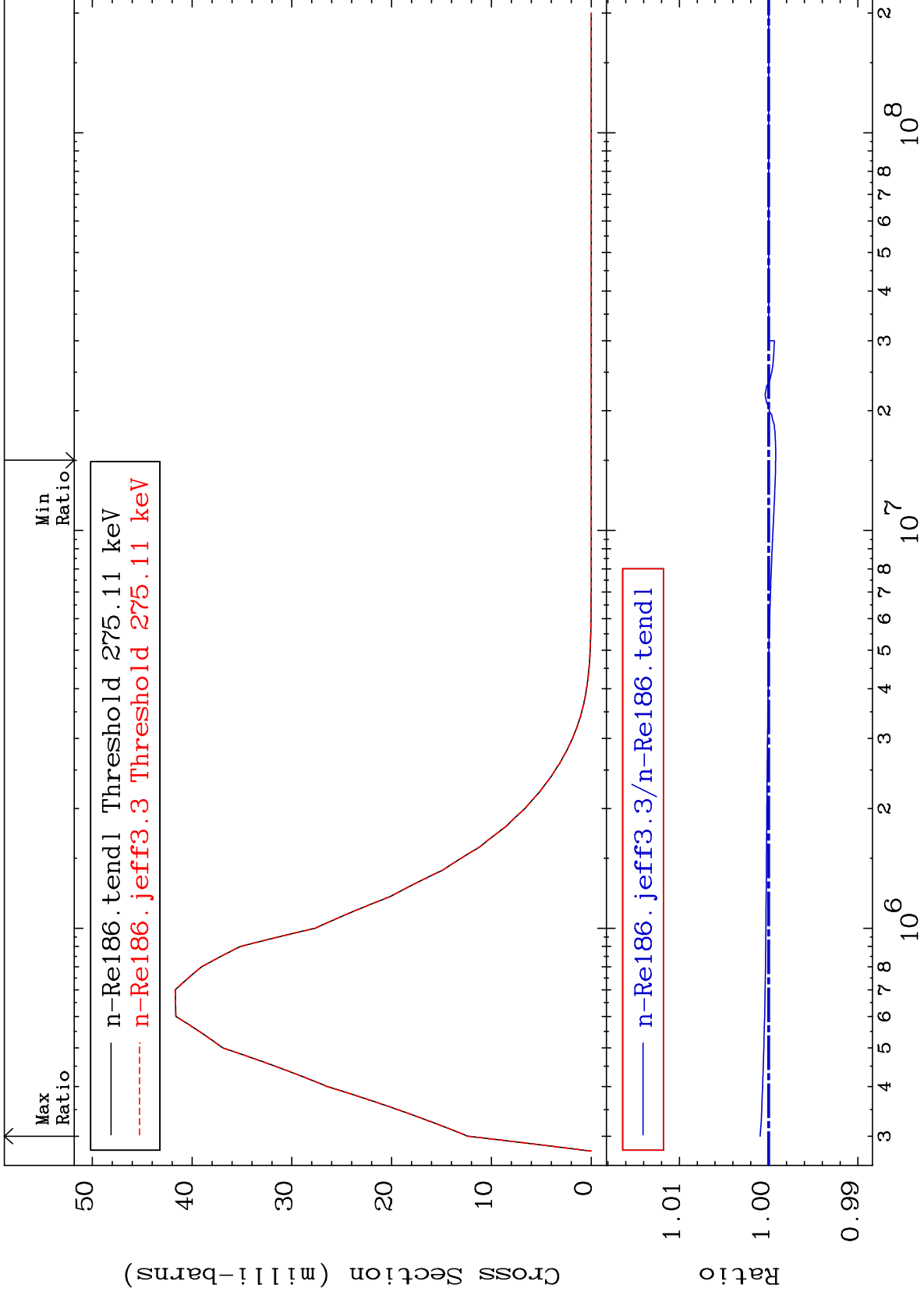
75-Re-186
-0.079 To 0.095 %



MAT 7528

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

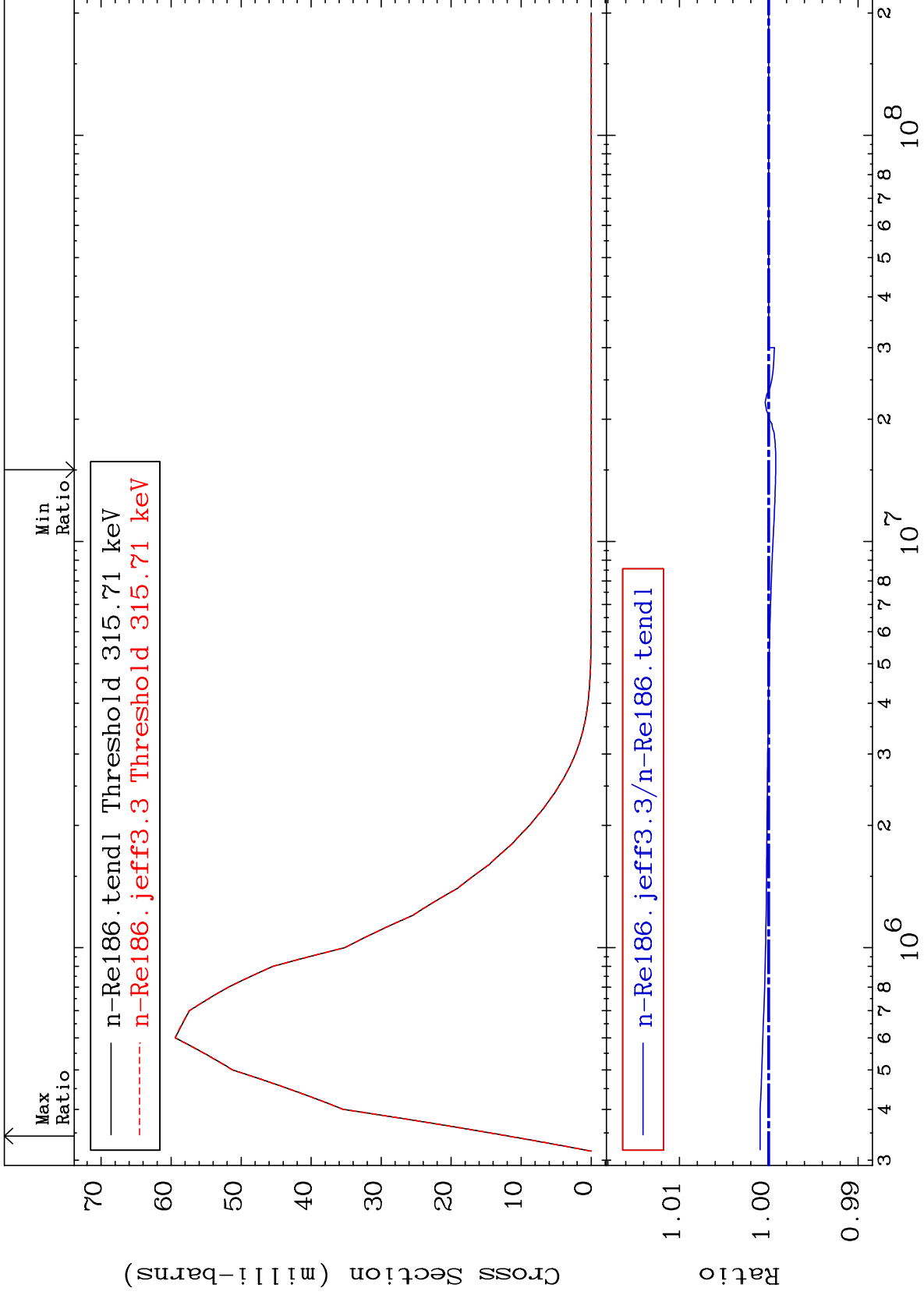
75-Re-186
-0.079 To 0.095 %



MAT 7528

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

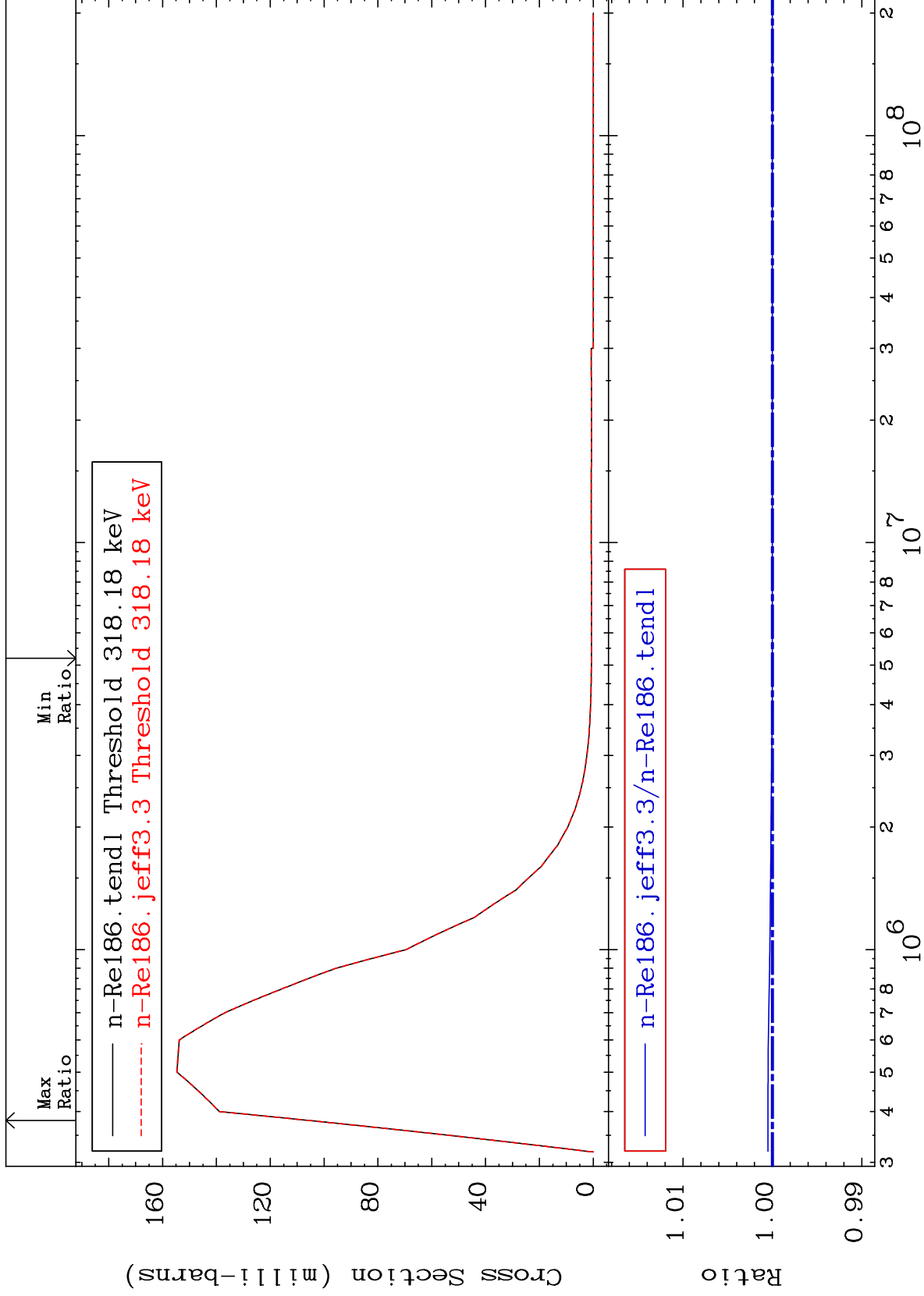
75-Re-186
-0.079 To 0.096 %



MAT 7528

MT= 61 (n,n') Level
Cross Section

75-Re-186
0.000 To 0.050 %



30

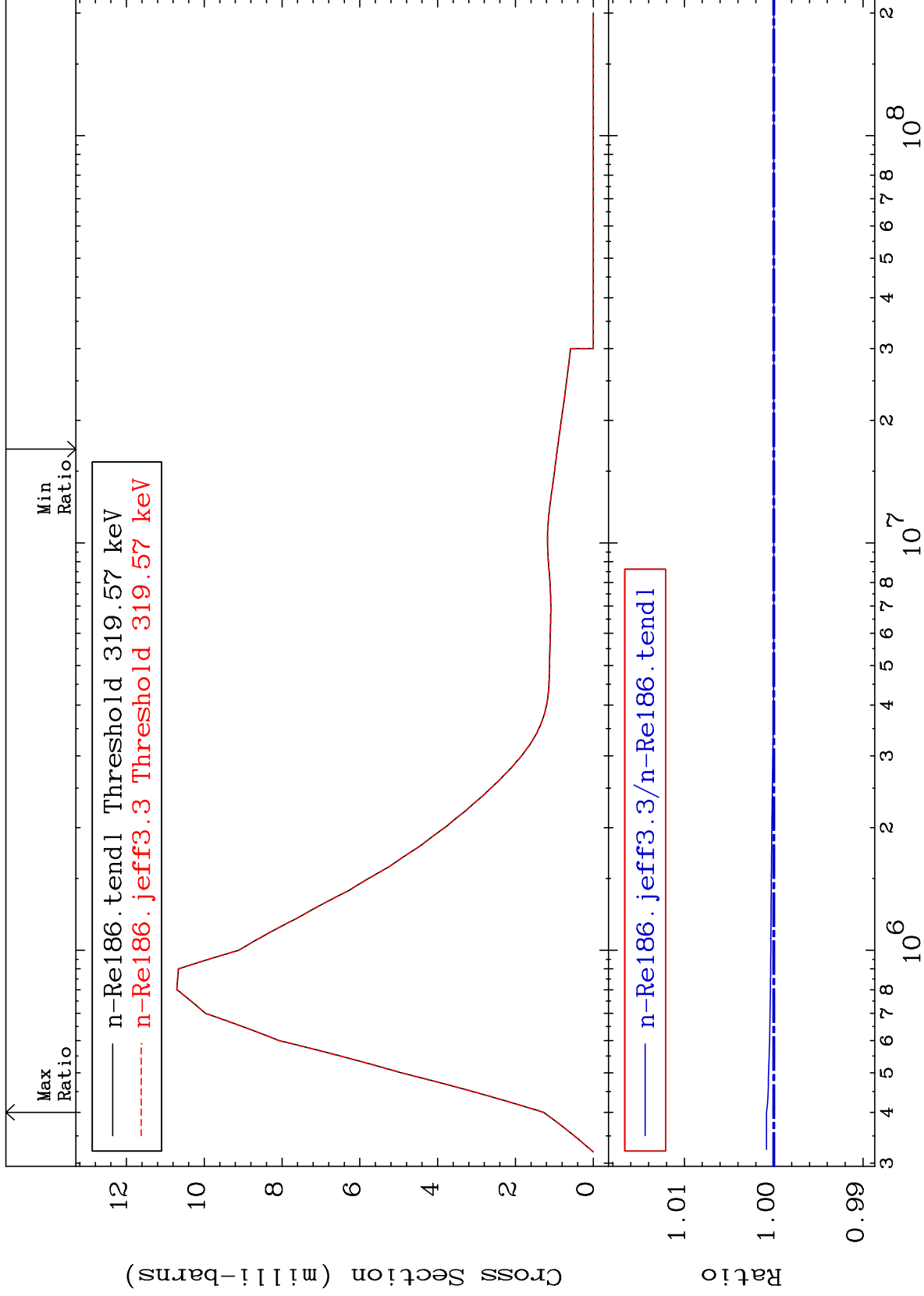
Incident Energy (eV)

75-Re-186

MAT 7528

MT= 62 (n,n') Level
Cross Section

75-Re-186
0.000 To 0.081 %



31

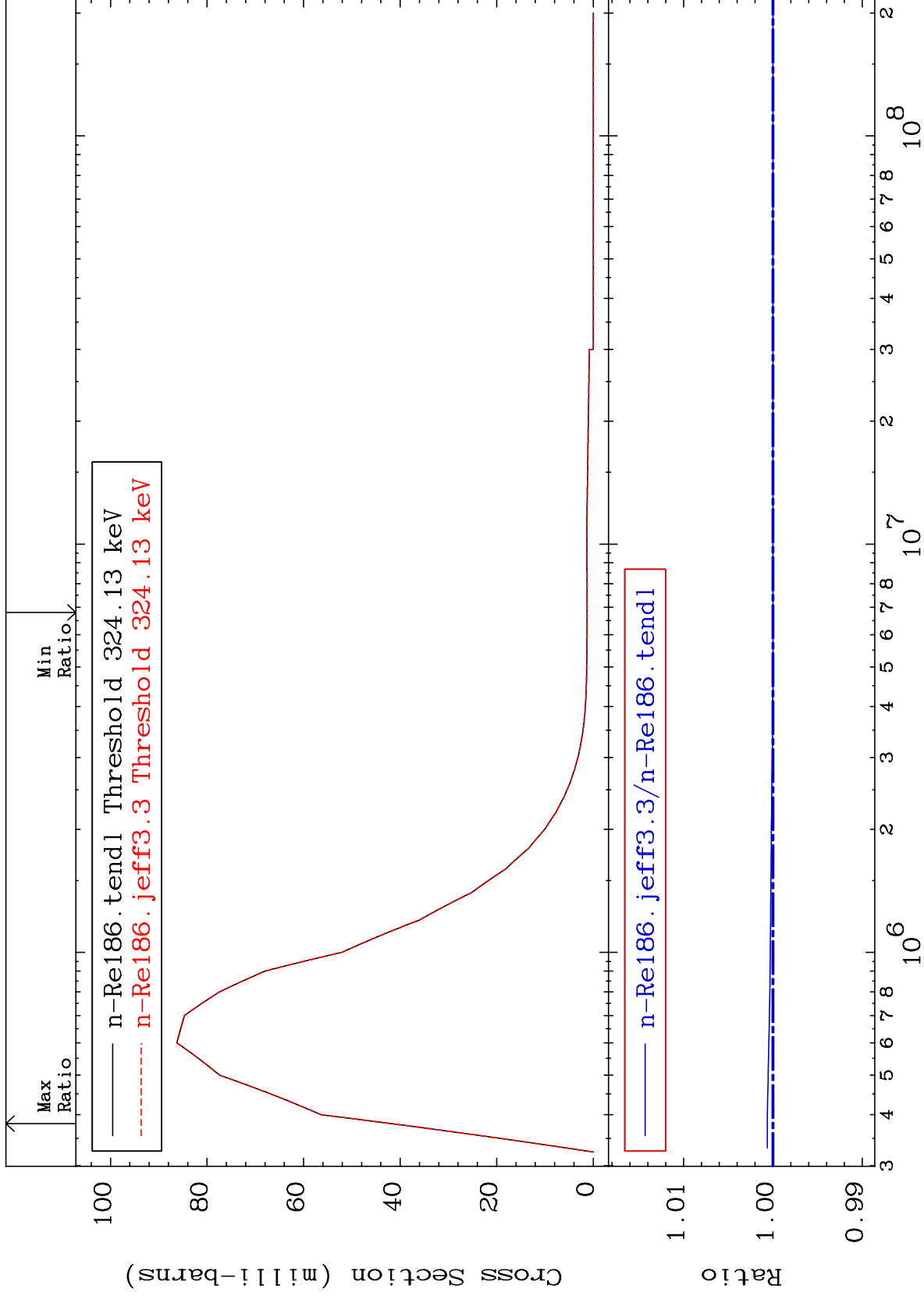
Incident Energy (eV)

75-Re-186

MAT 7528

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

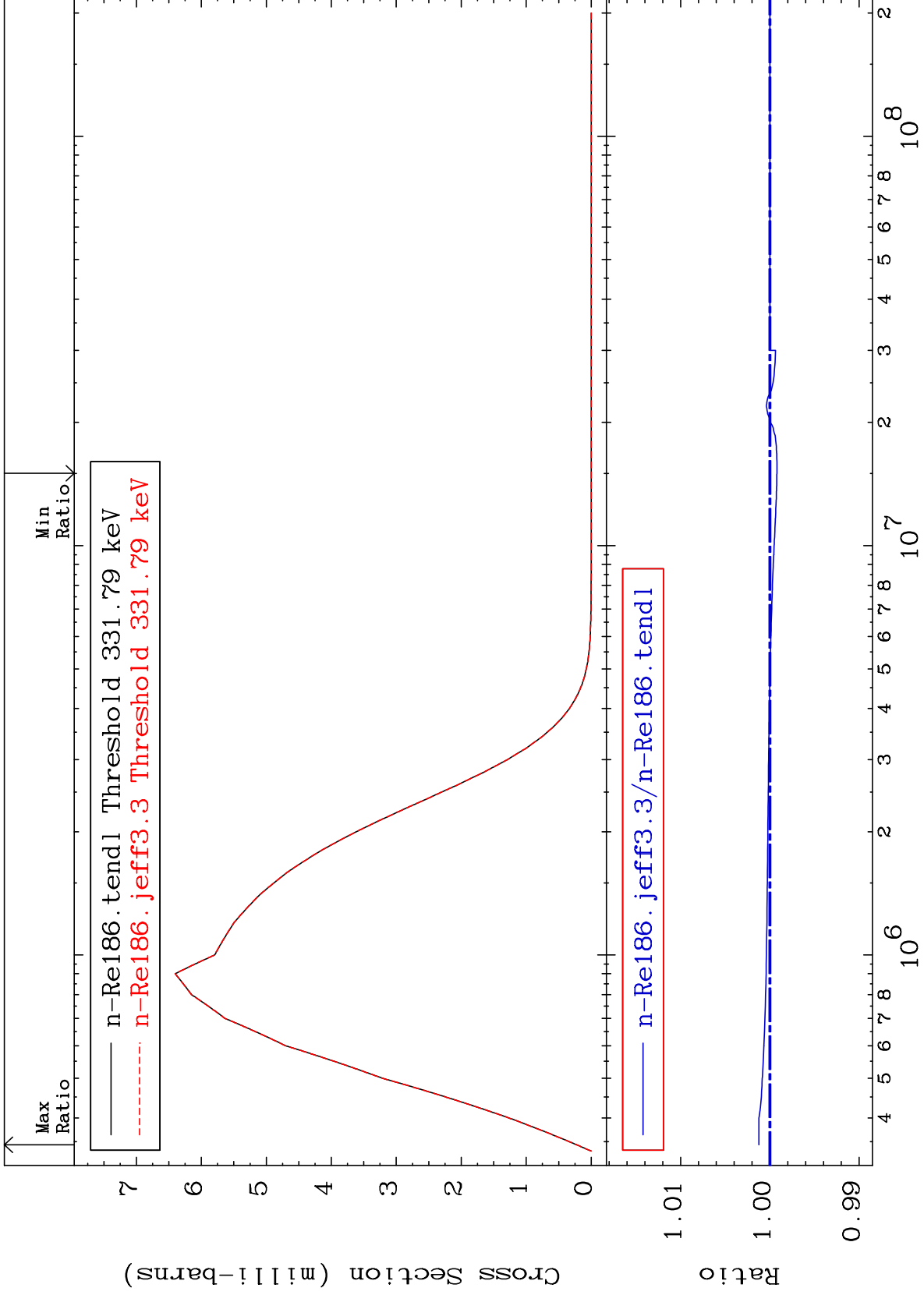
75-Re-186
0.000 To 0.063 %



MAT 7528

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

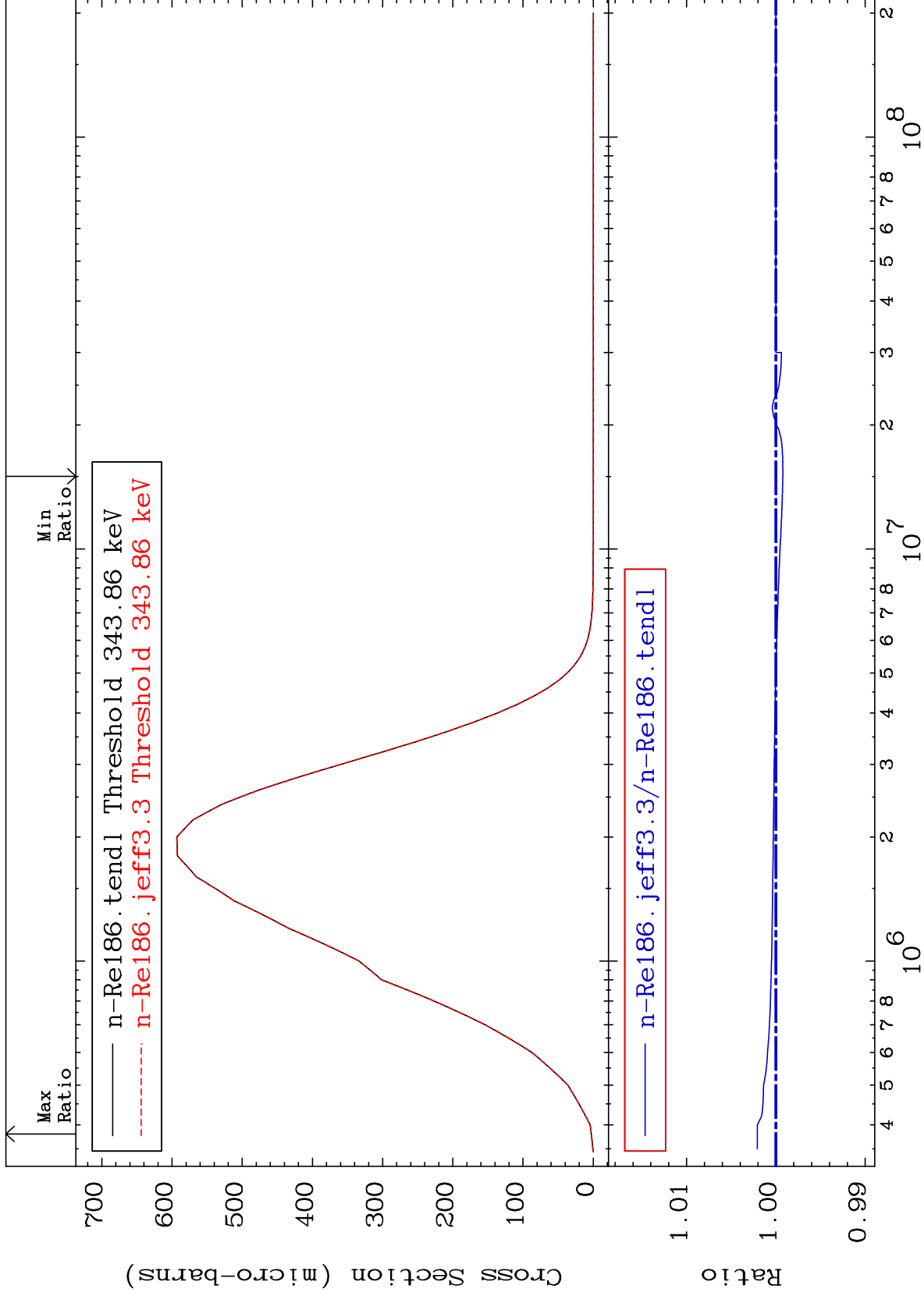
75-Re-186
-0.079 To 0.123 %



MAT 7528

MT= 65 (n,n') Level
Cross Section

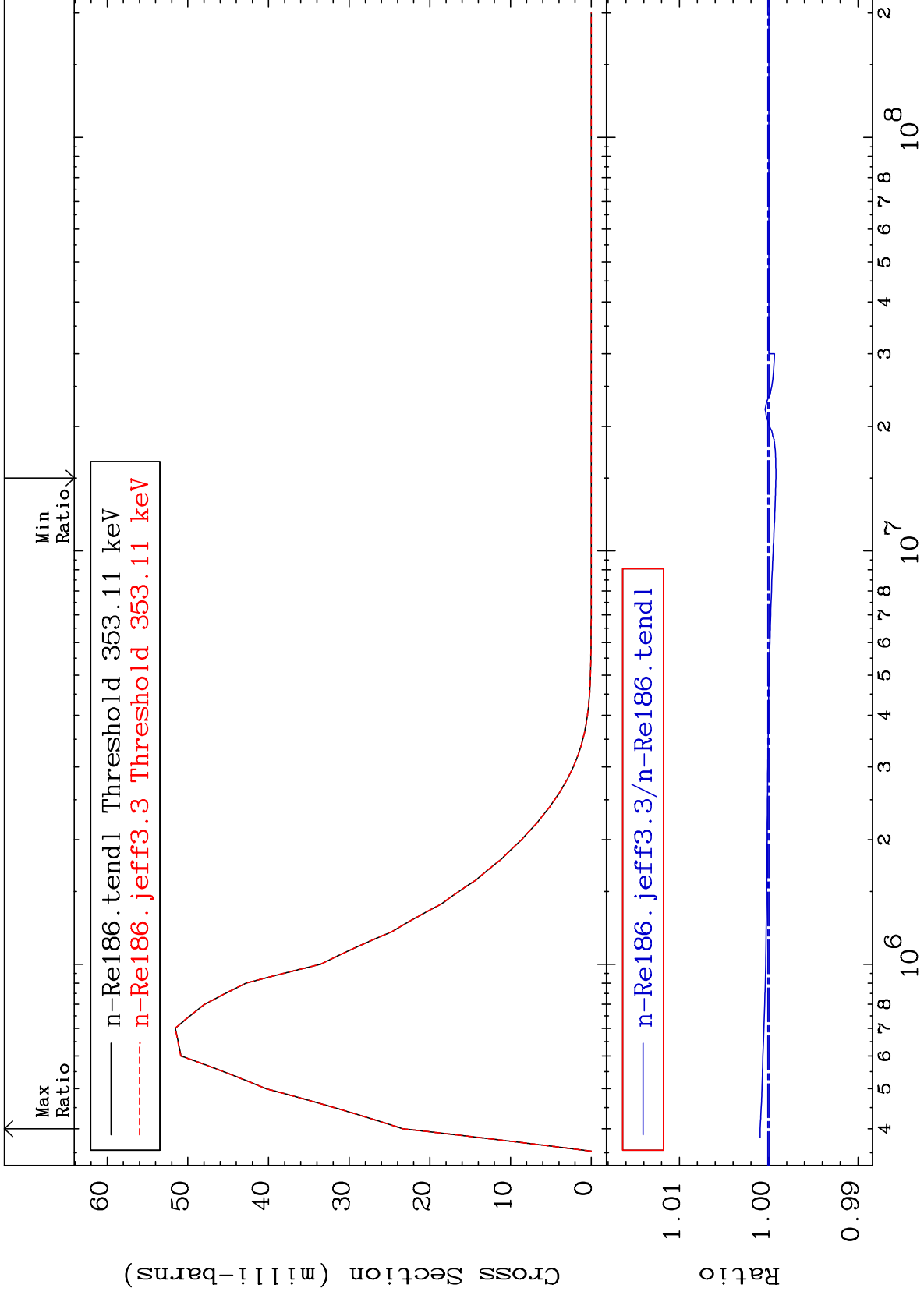
⁷⁵Re-¹⁸⁶
-0.078 To 0.207 %



MAT 7528

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

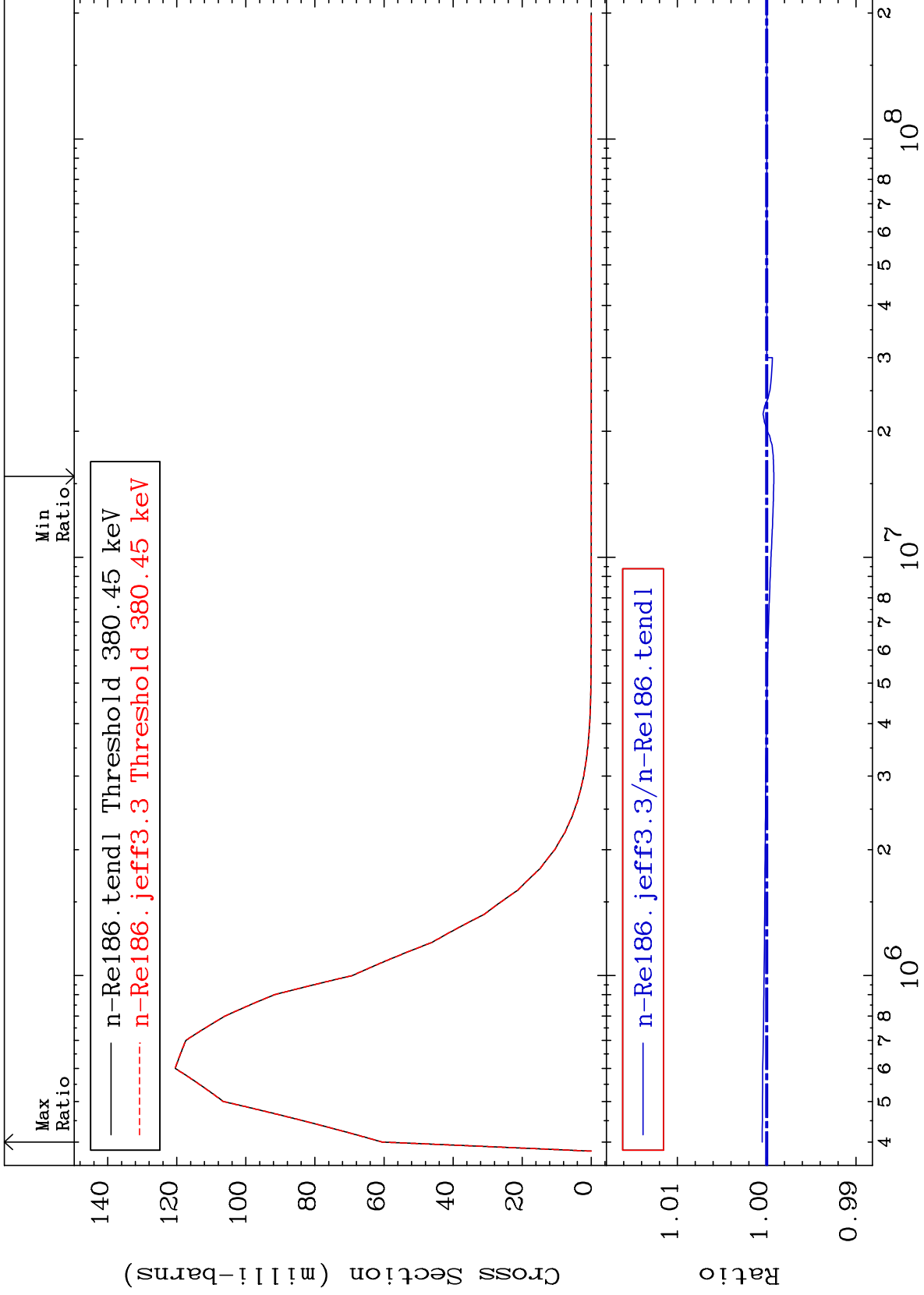
75-Re-186
-0.079 To 0.098 %



MAT 7528

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

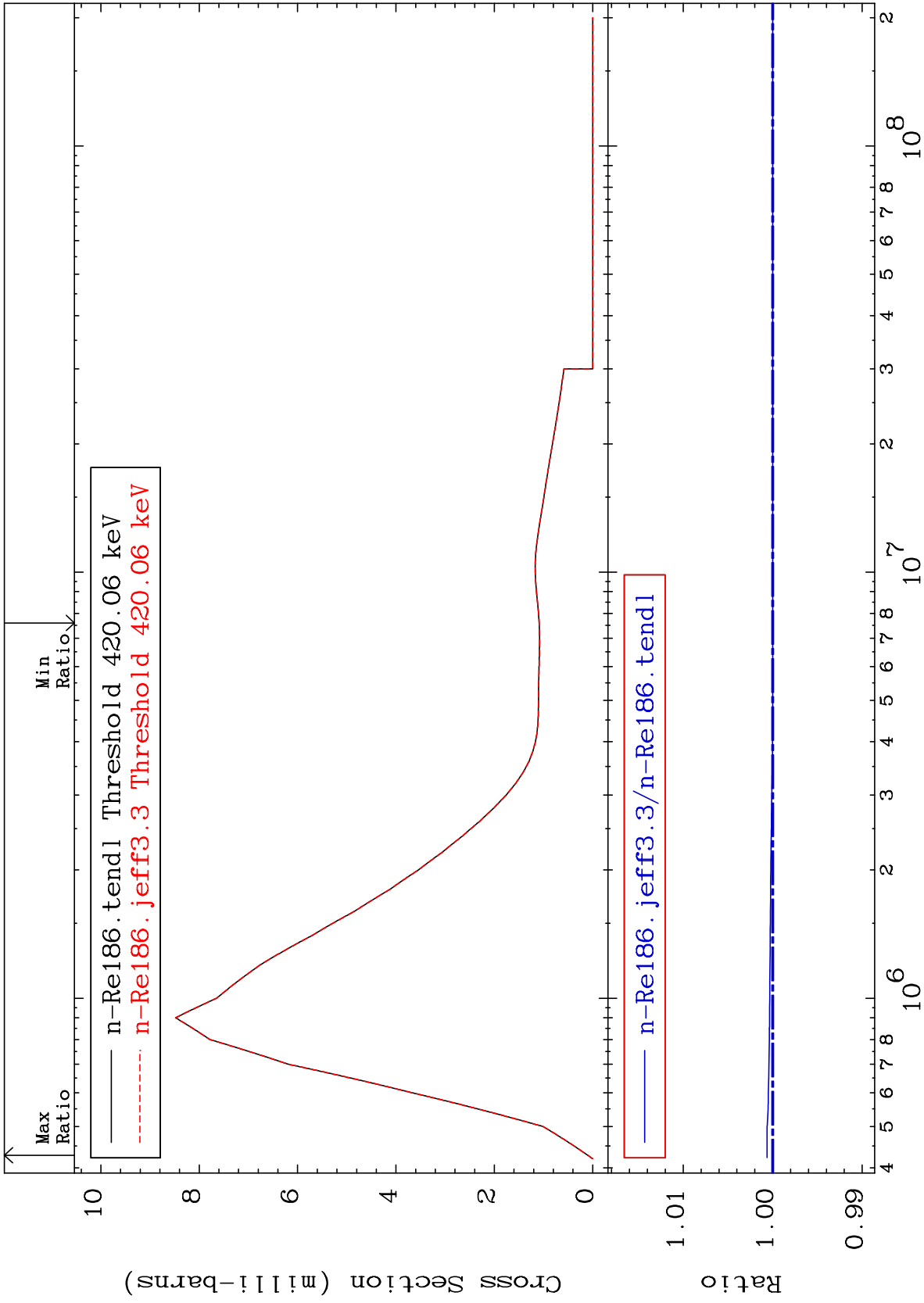
⁷⁵Re-¹⁸⁶
-0.079 To 0.051 %



MAT 7528

MT= 68 (n,n') Level
Cross Section

75-Re-186
0.000 To 0.064 %



37

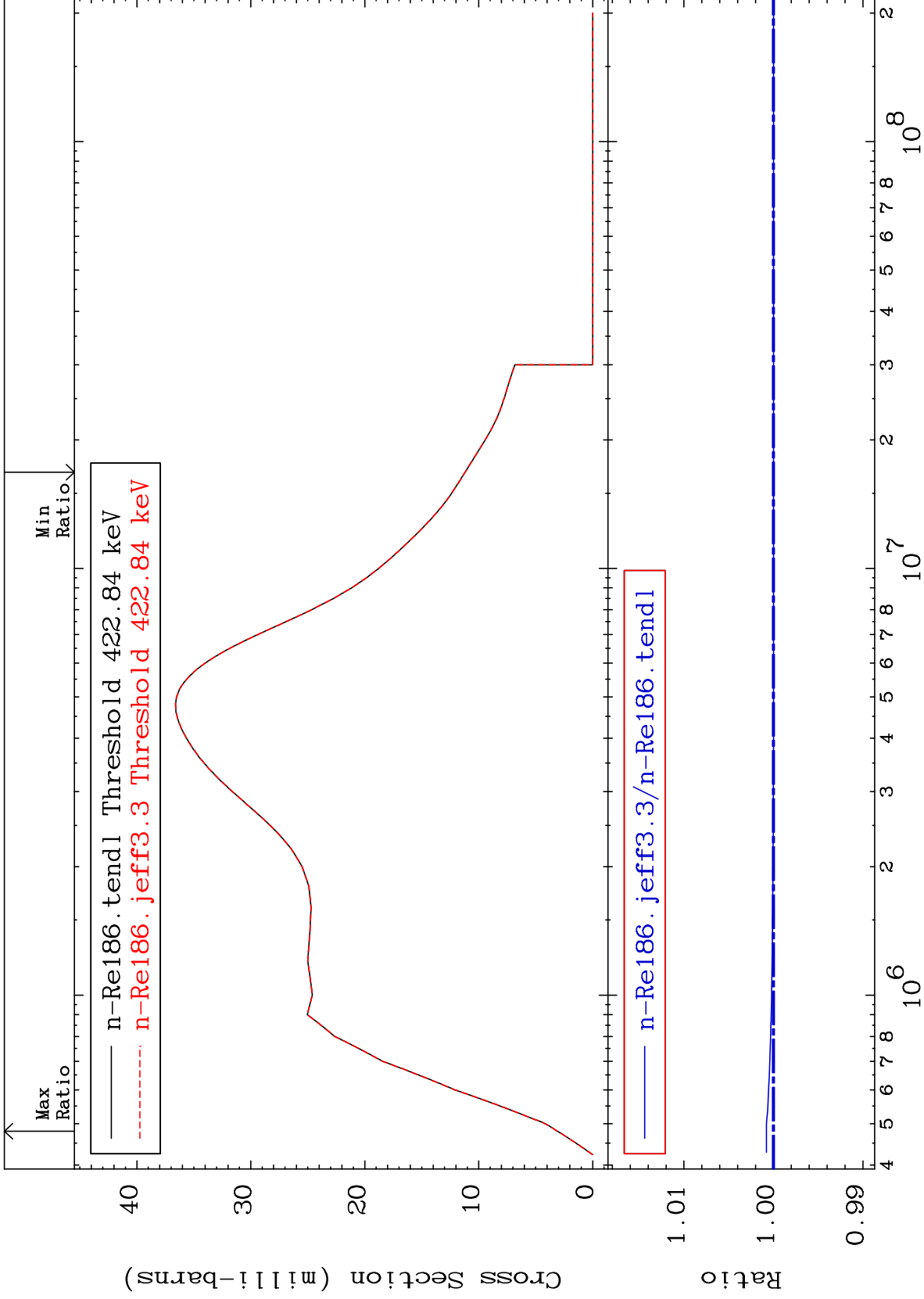
Incident Energy (eV)

75-Re-186

MAT 7528

MT= 69 (n,n') Level
Cross Section

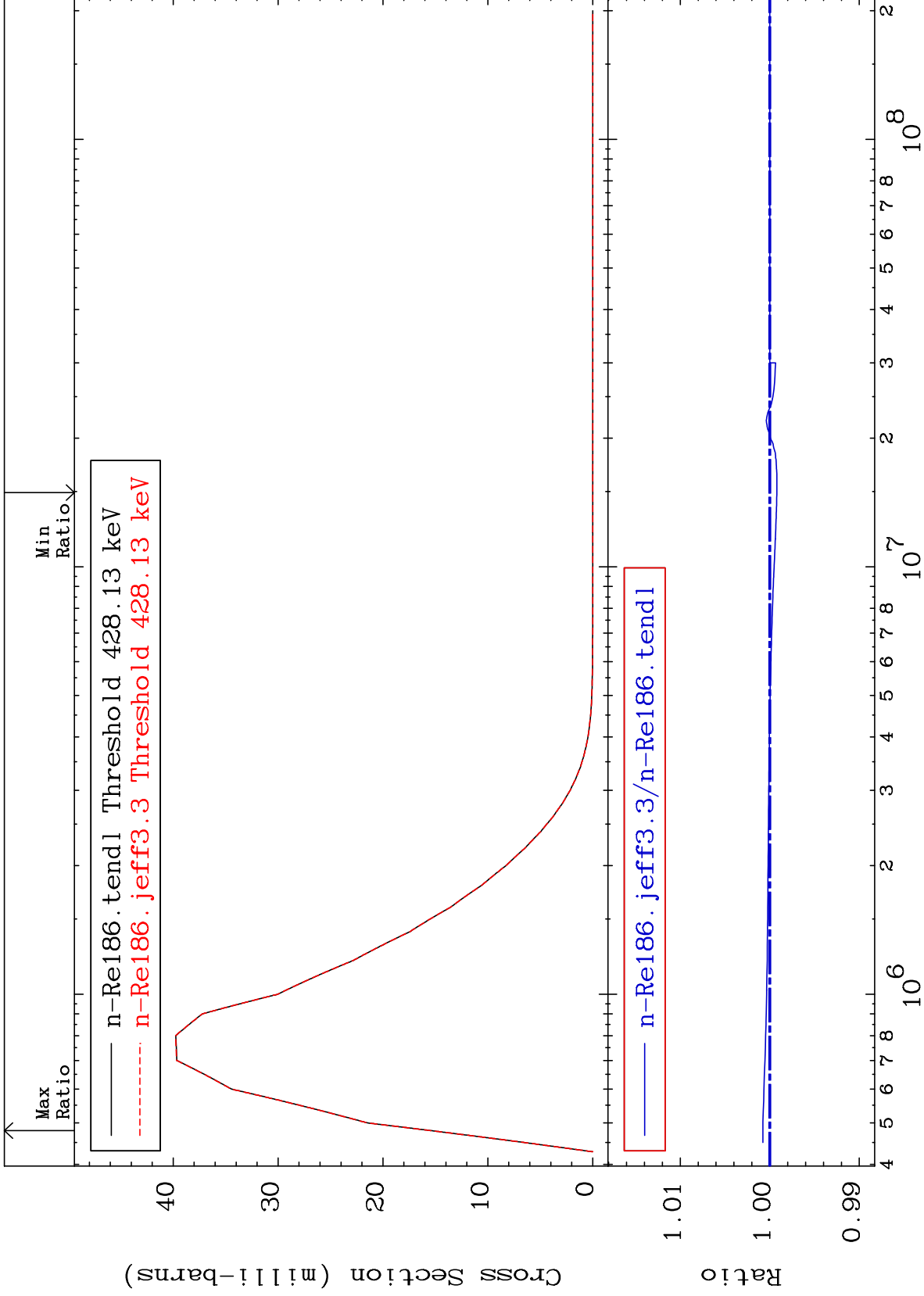
75-Re-186
0.000 To 0.079 %



MAT 7528

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

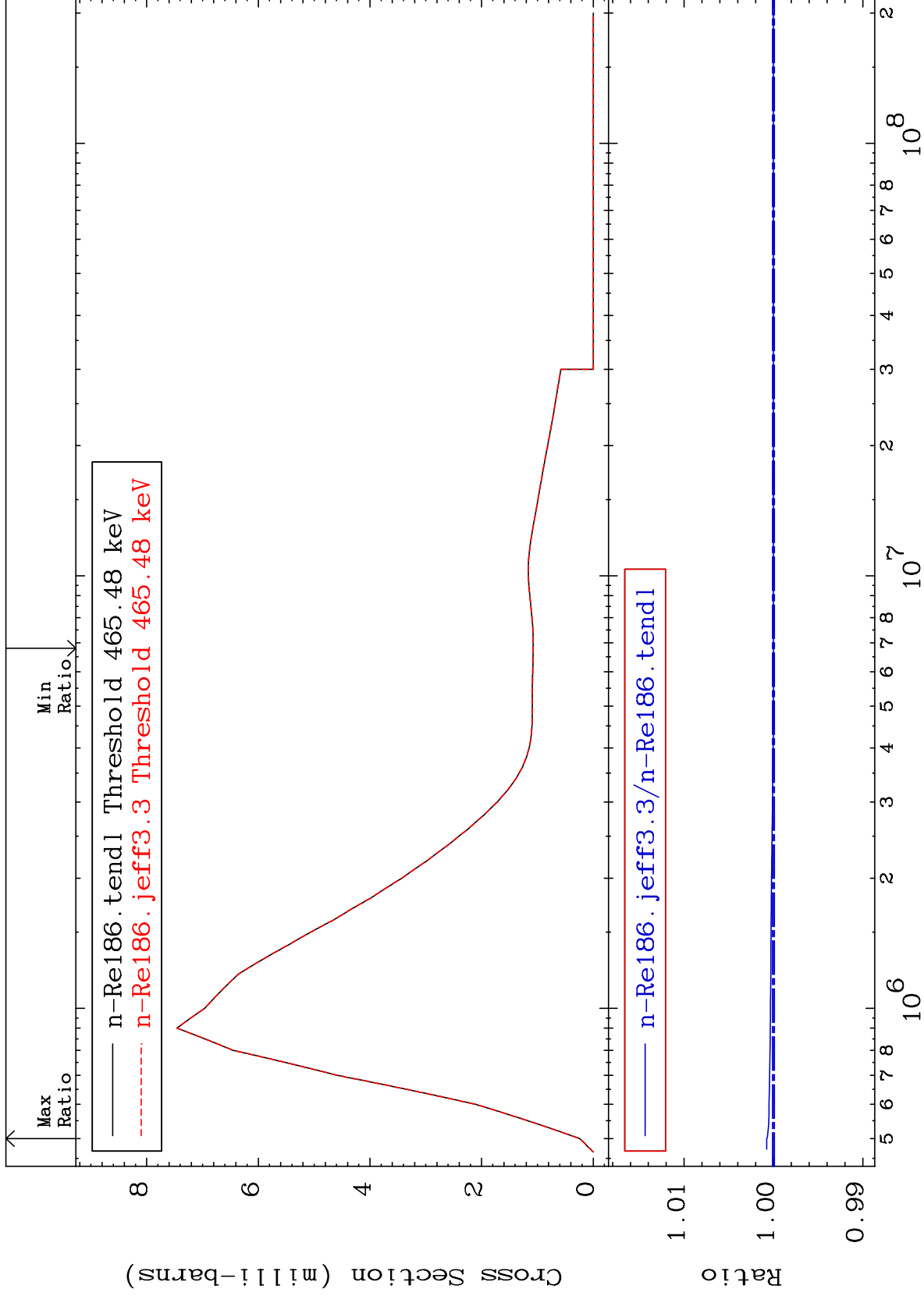
75-Re-186
-0.079 To 0.076 %



MAT 7528

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

75-Re-186
To 0.075 %



40

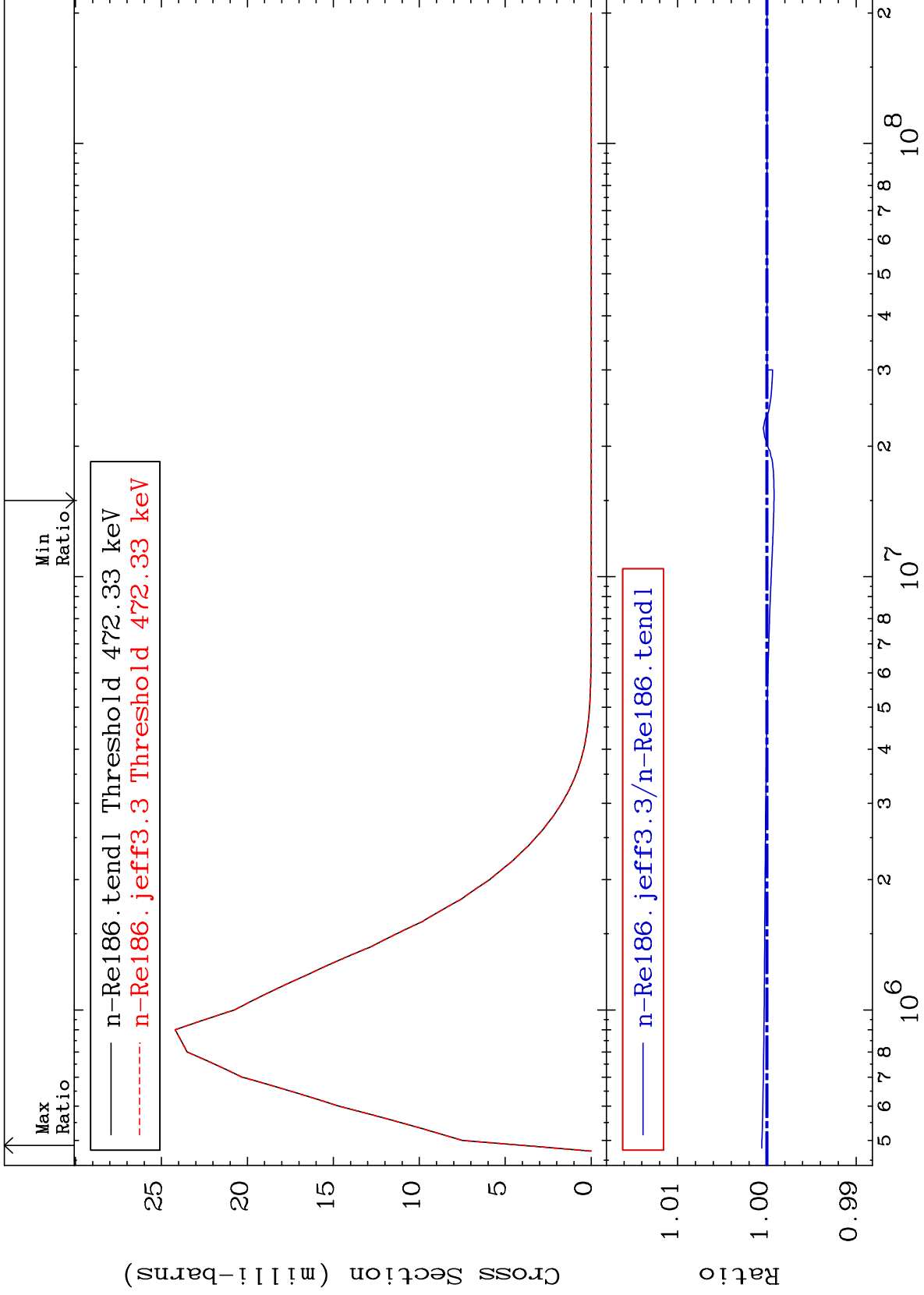
Incident Energy (eV)

75-Re-186

MAT 7528

MT= 72 (n,n') Level
Cross Section

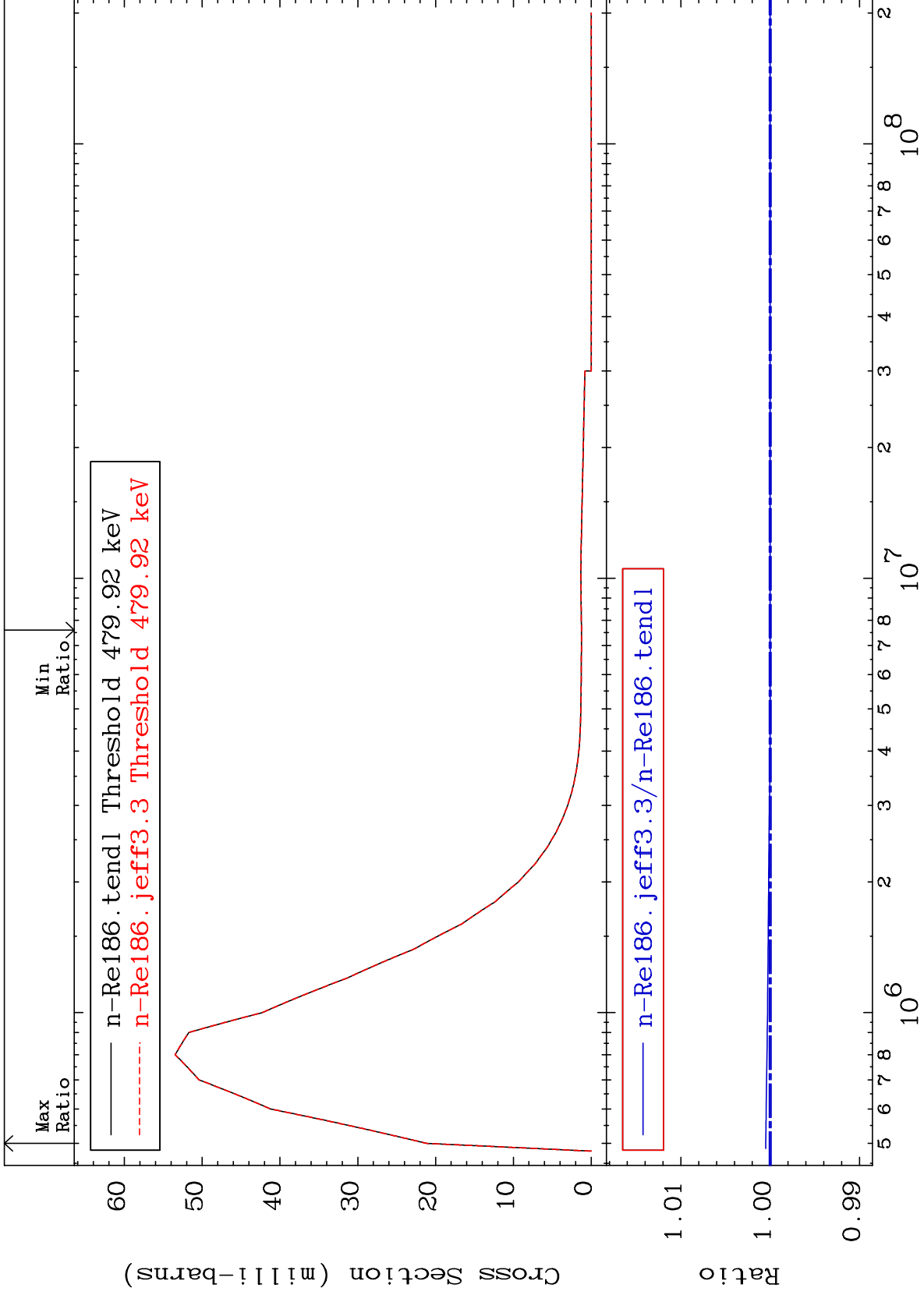
75-Re-186
-0.079 To 0.056 %



MAT 7528

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

75-Re-186
0.000 To 0.051 %

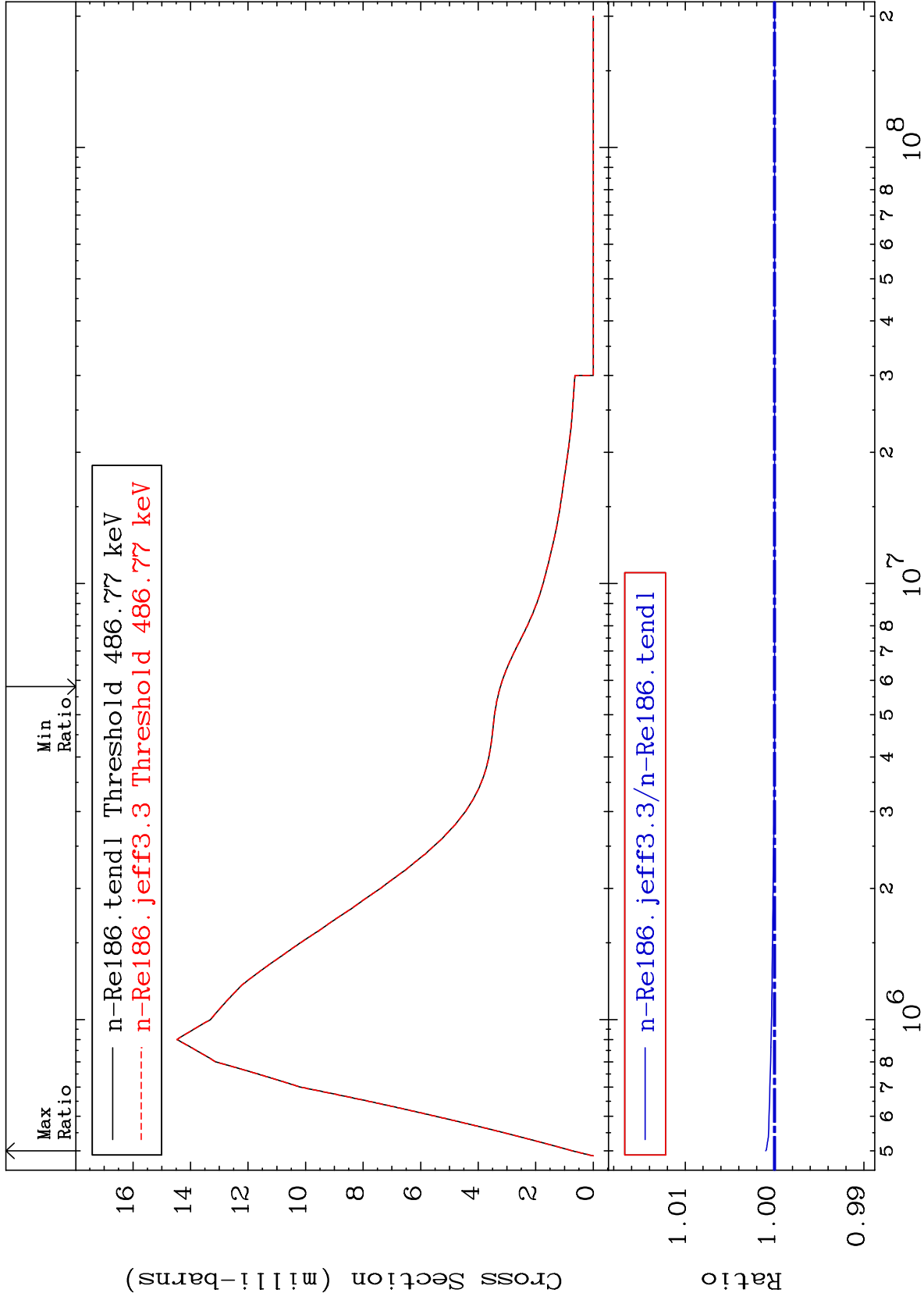


MAT 7528

MT= 74 (n,n') Level

⁷⁵Re-¹⁸⁶

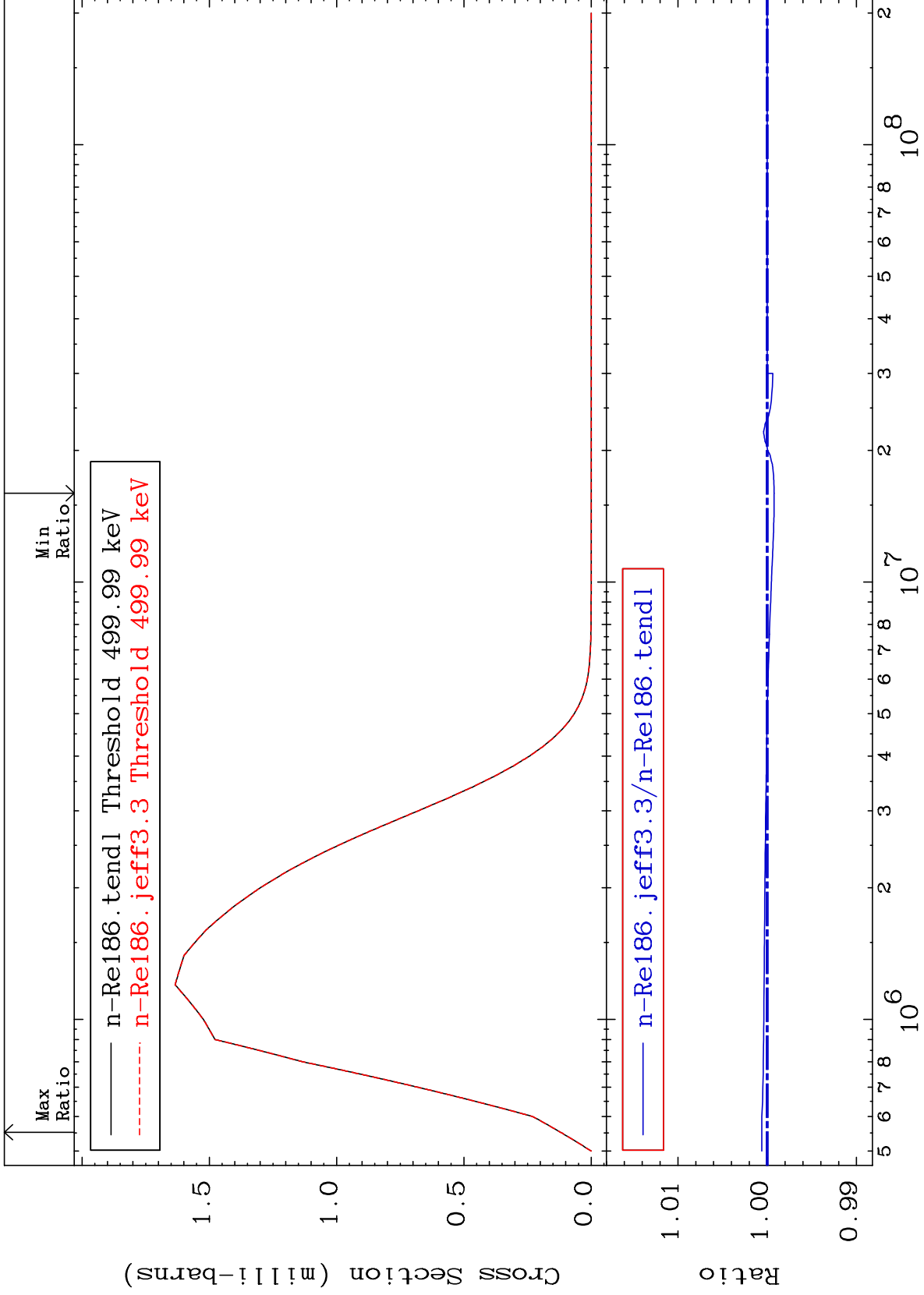
Cross Section To 0.099 %



MAT 7528

MT= 75 (n,n') Level
Cross Section

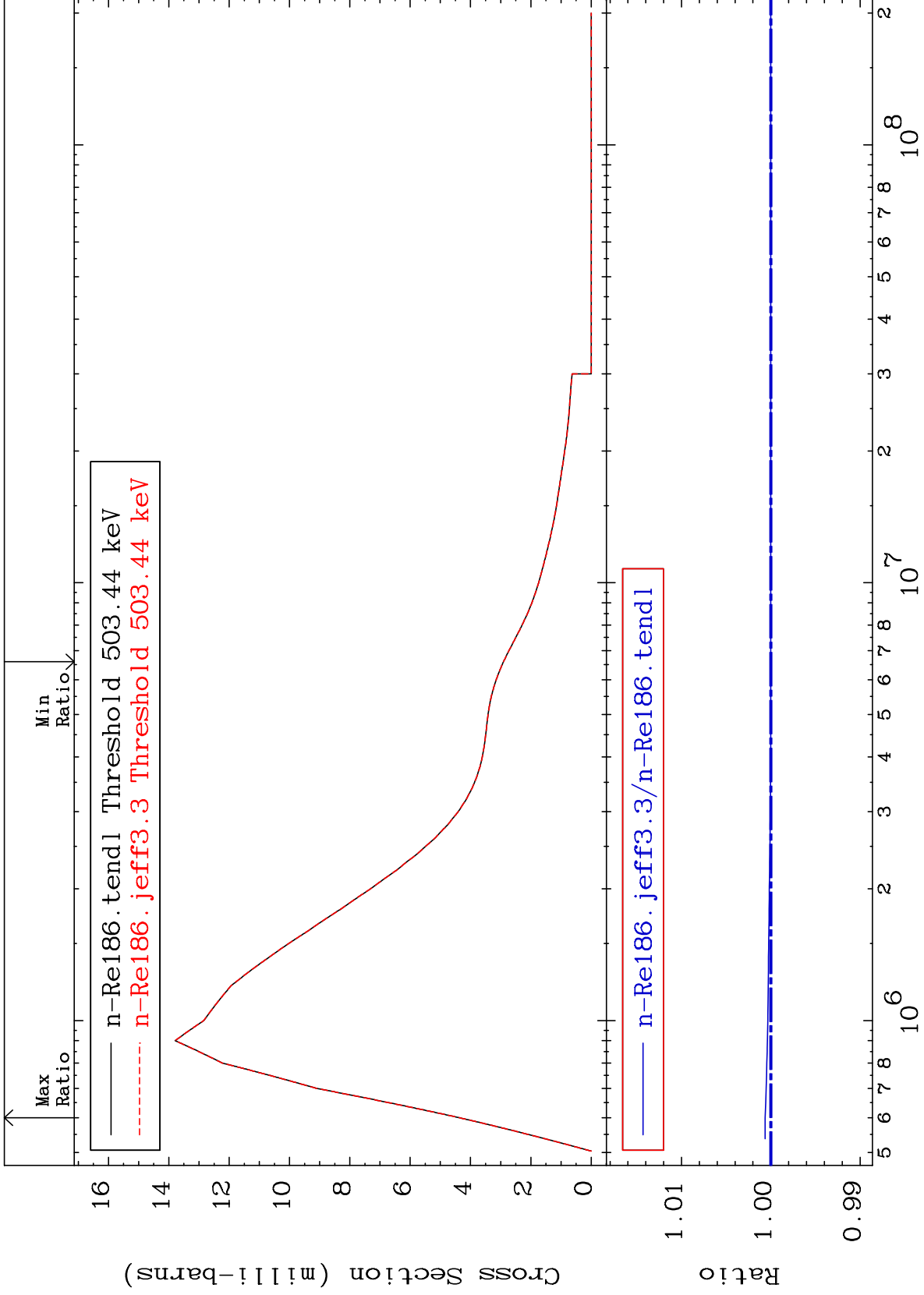
75-Re-186
-0.078 To 0.061 %



MAT 7528

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

75-Re-186
0.000 To 0.064 %



45

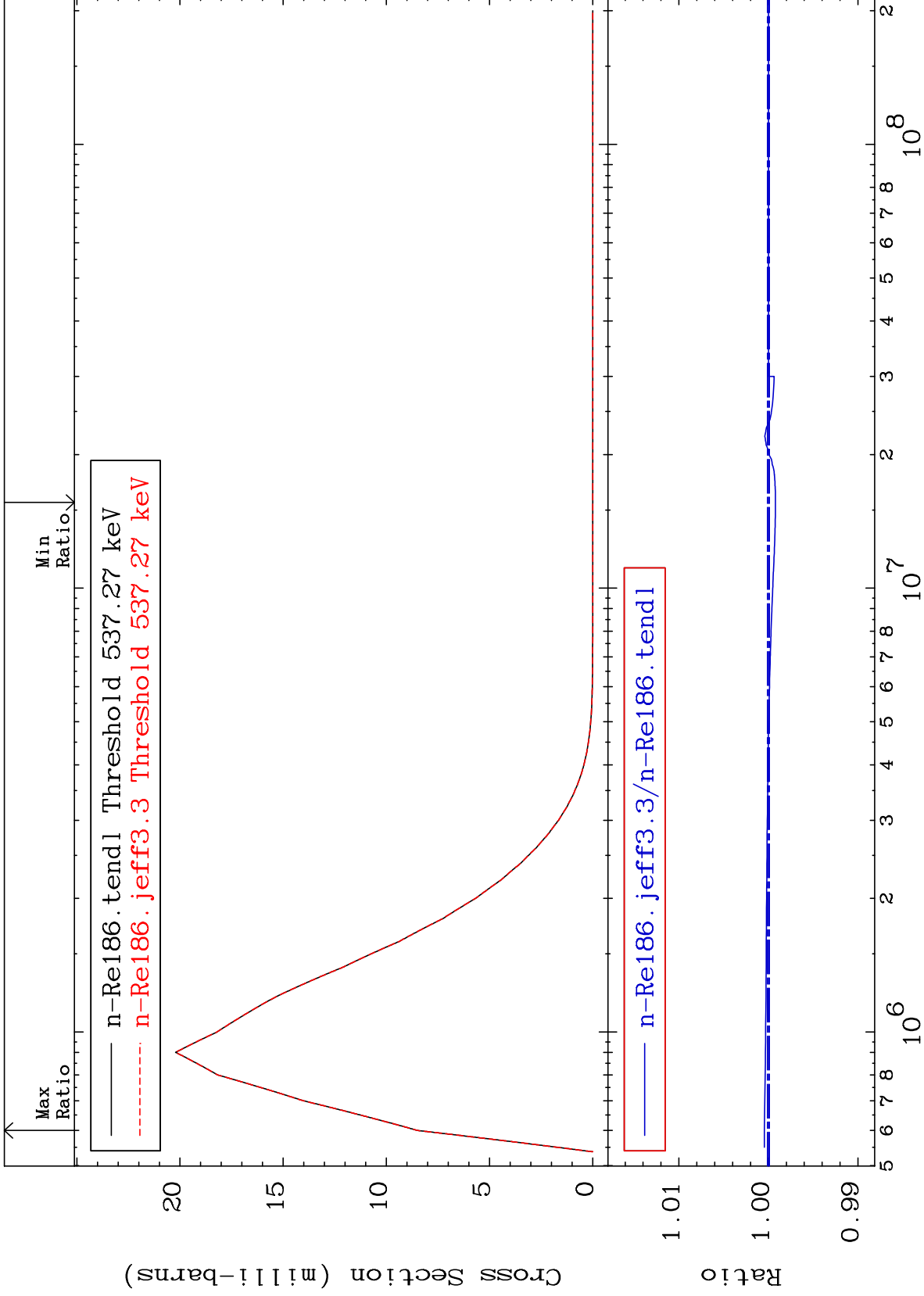
Incident Energy (eV)

75-Re-186

MAT 7528

MT= 77 (n,n') Level
Cross Section

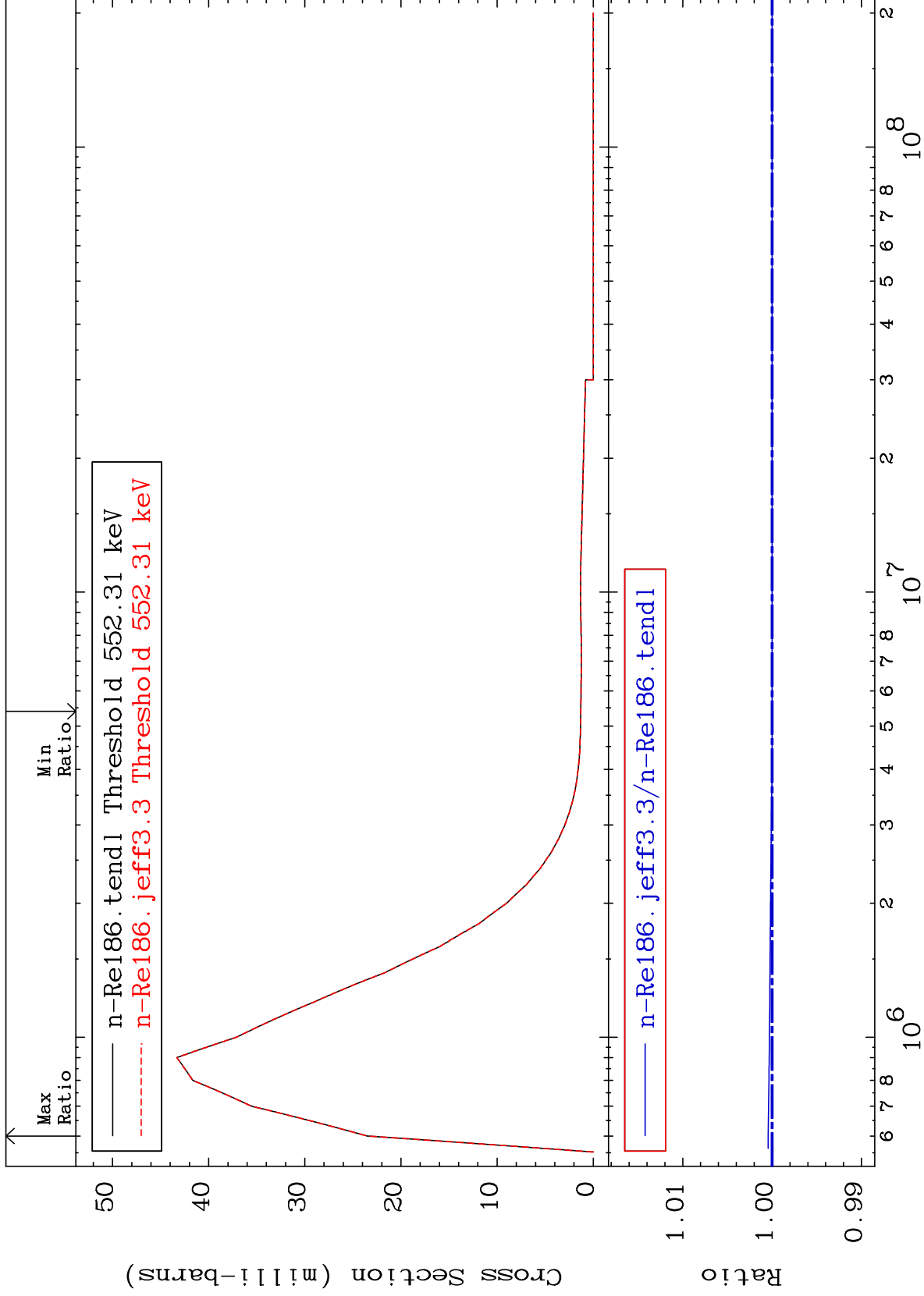
75-Re-186
-0.079 To 0.046 %



MAT 7528

MT= 78 (n,n') Level
Cross Section

75-Re-186
0.000 To 0.044 %



47

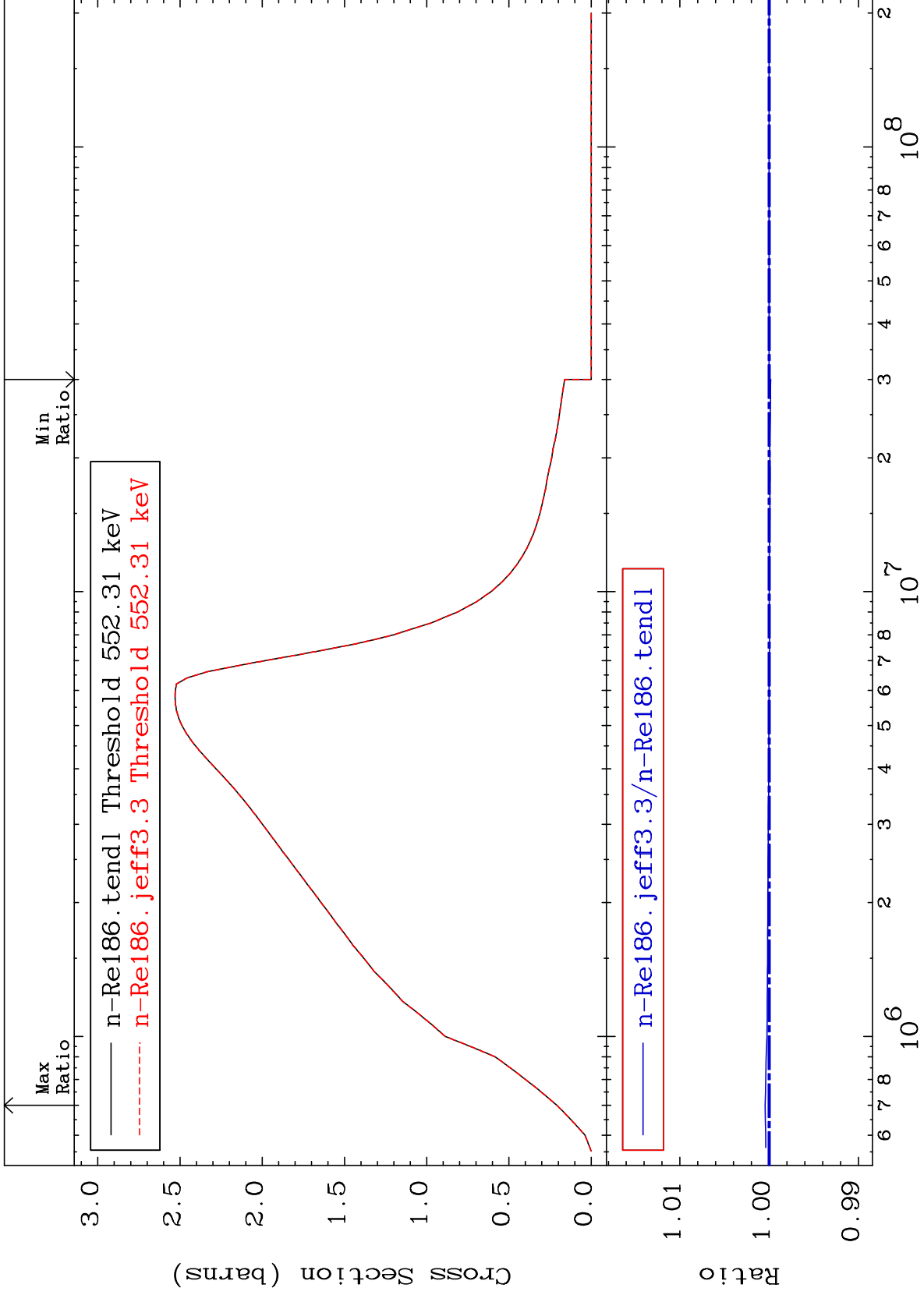
Incident Energy (eV)

75-Re-186

MAT 7528

(n, n') Continuum
Cross Section

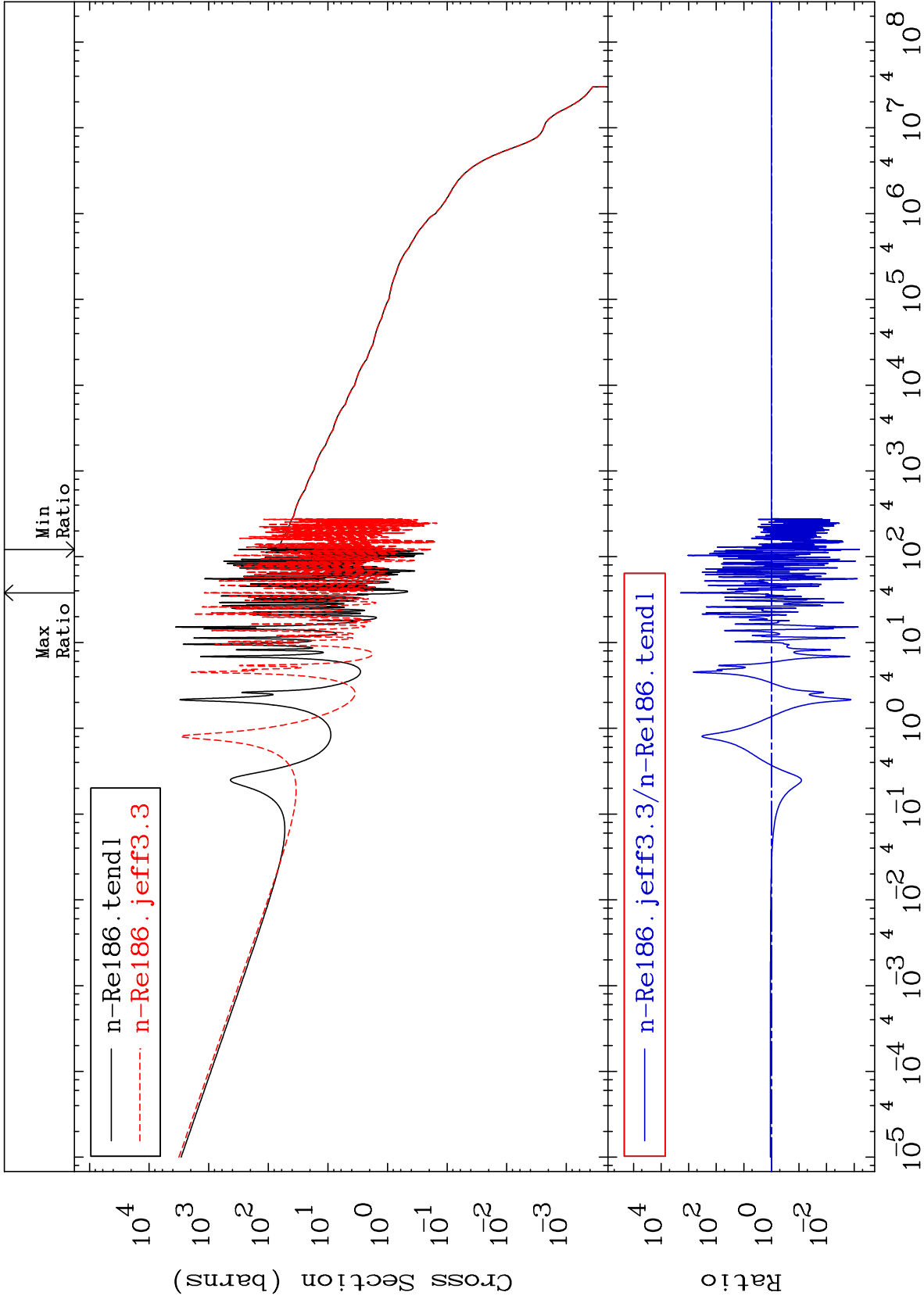
⁷⁵Re-¹⁸⁶Re
-0.017 To 0.044 %



48

Incident Energy (eV)

⁷⁵Re-¹⁸⁶Re



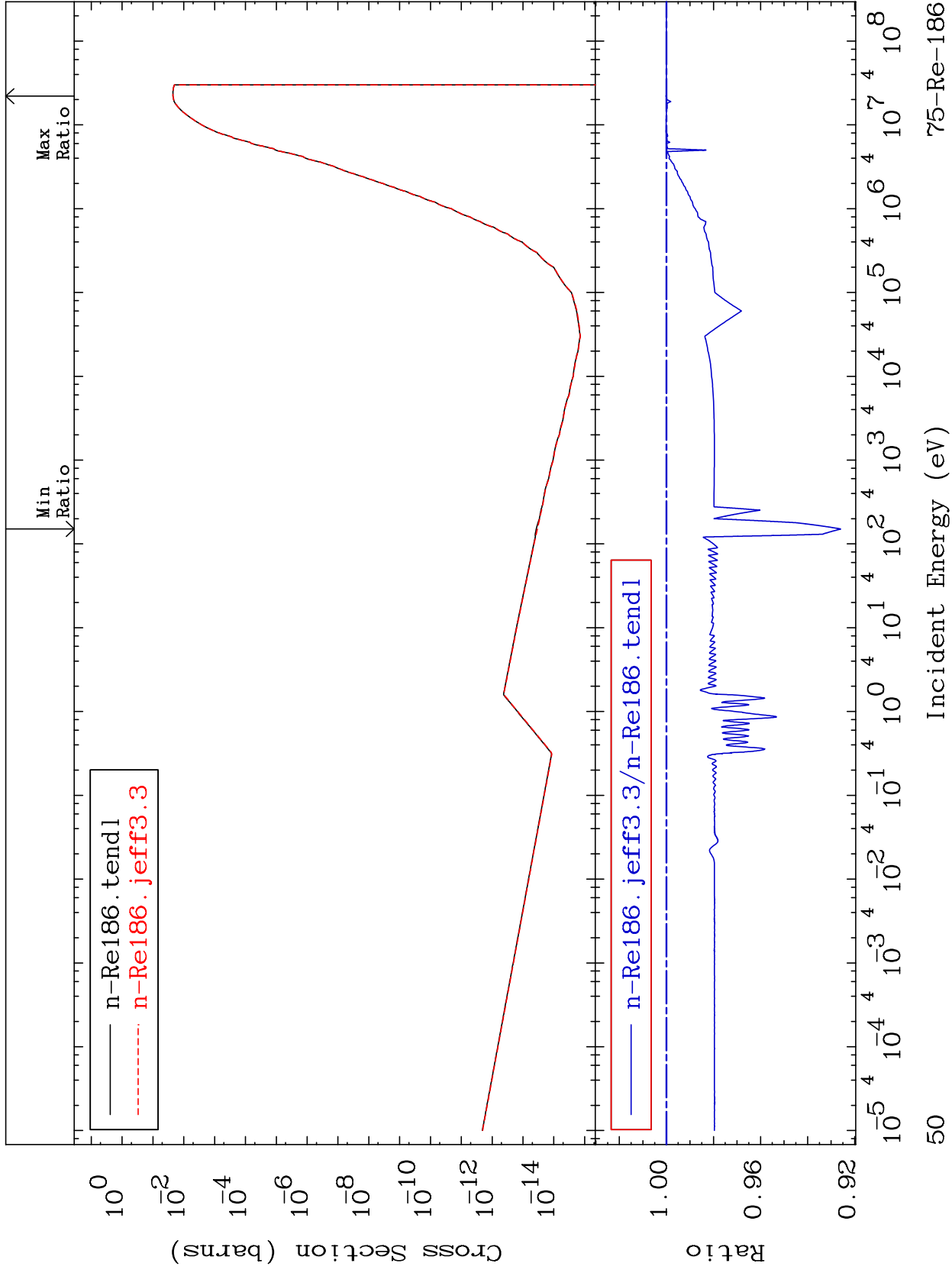
MAT 7528

(n, p)

75-Re-186

Cross Section

-7.413 To 0.019 %



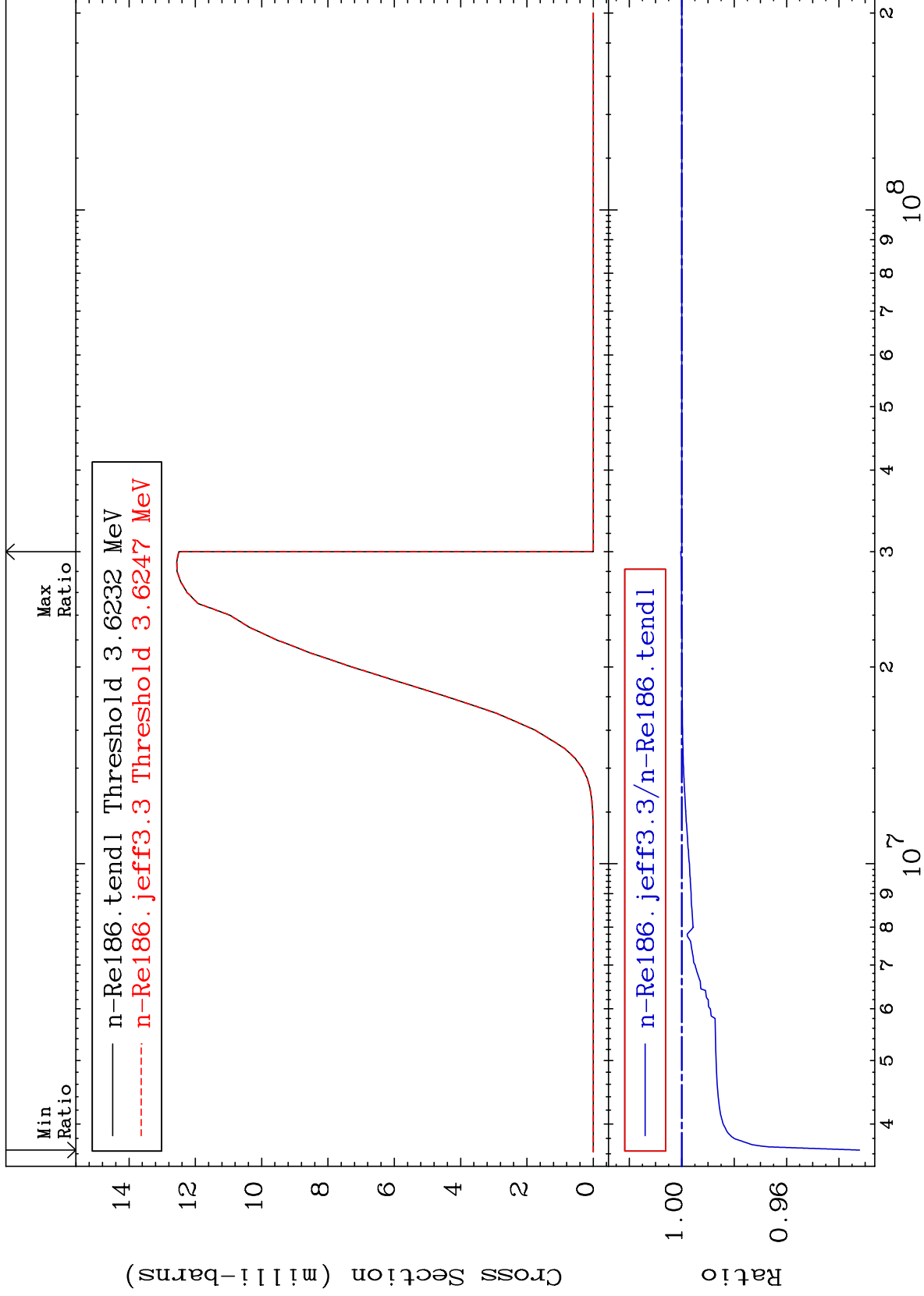
MAT 7528

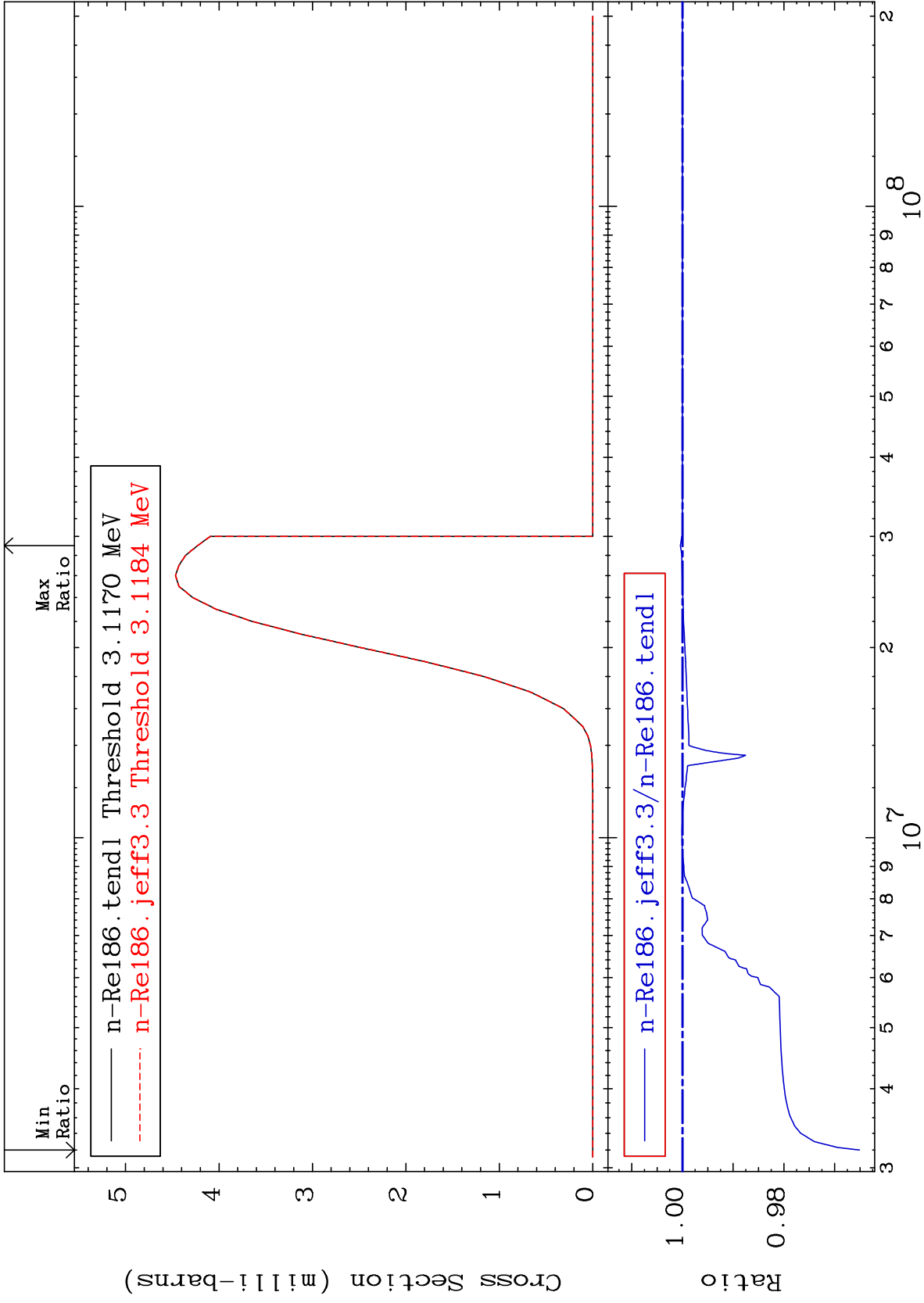
(n, d)

⁷⁵Re-¹⁸⁶

Cross Section

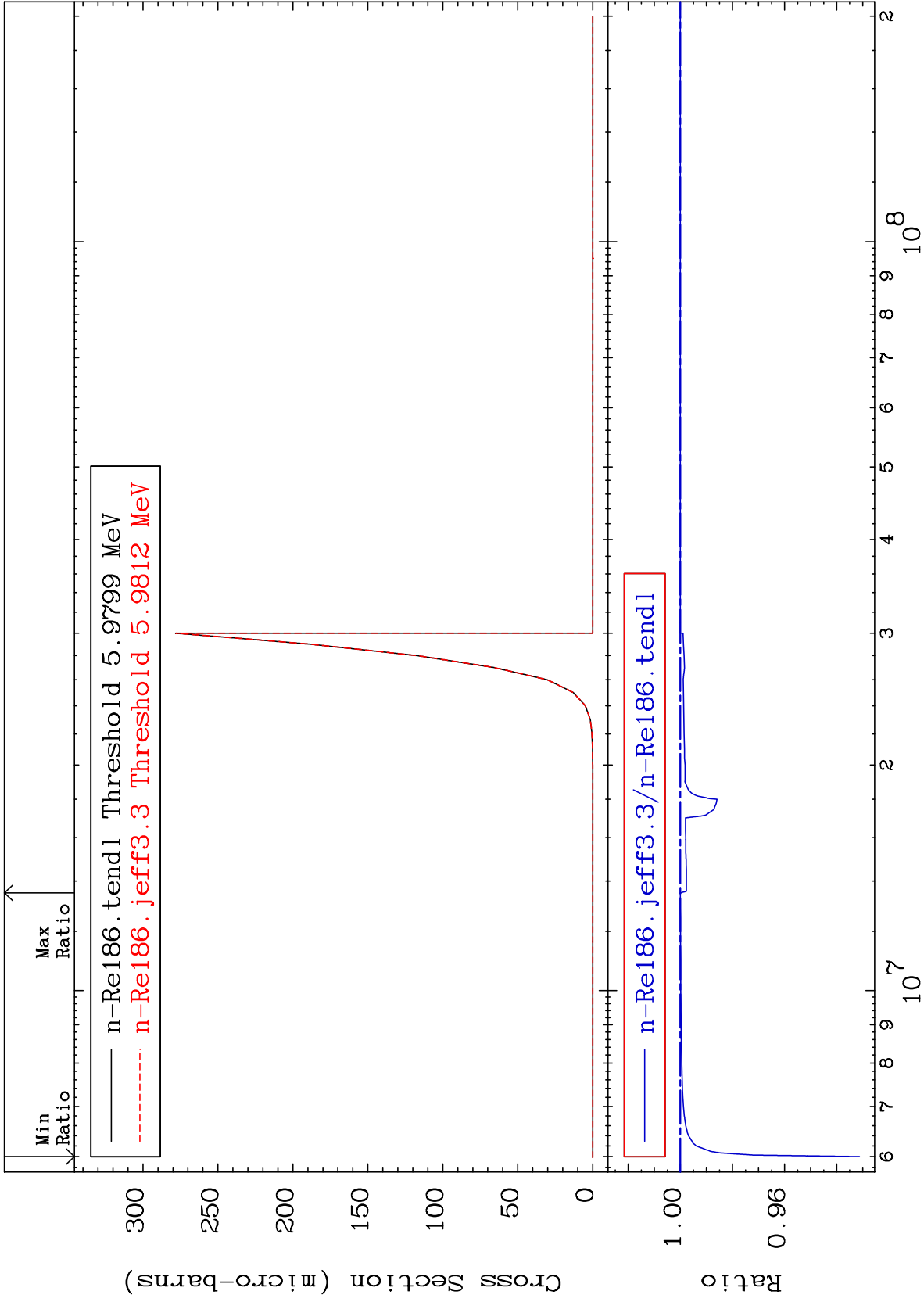
-6.785 To 0.038 %





Cross Section

-6.872 To 0.000 %



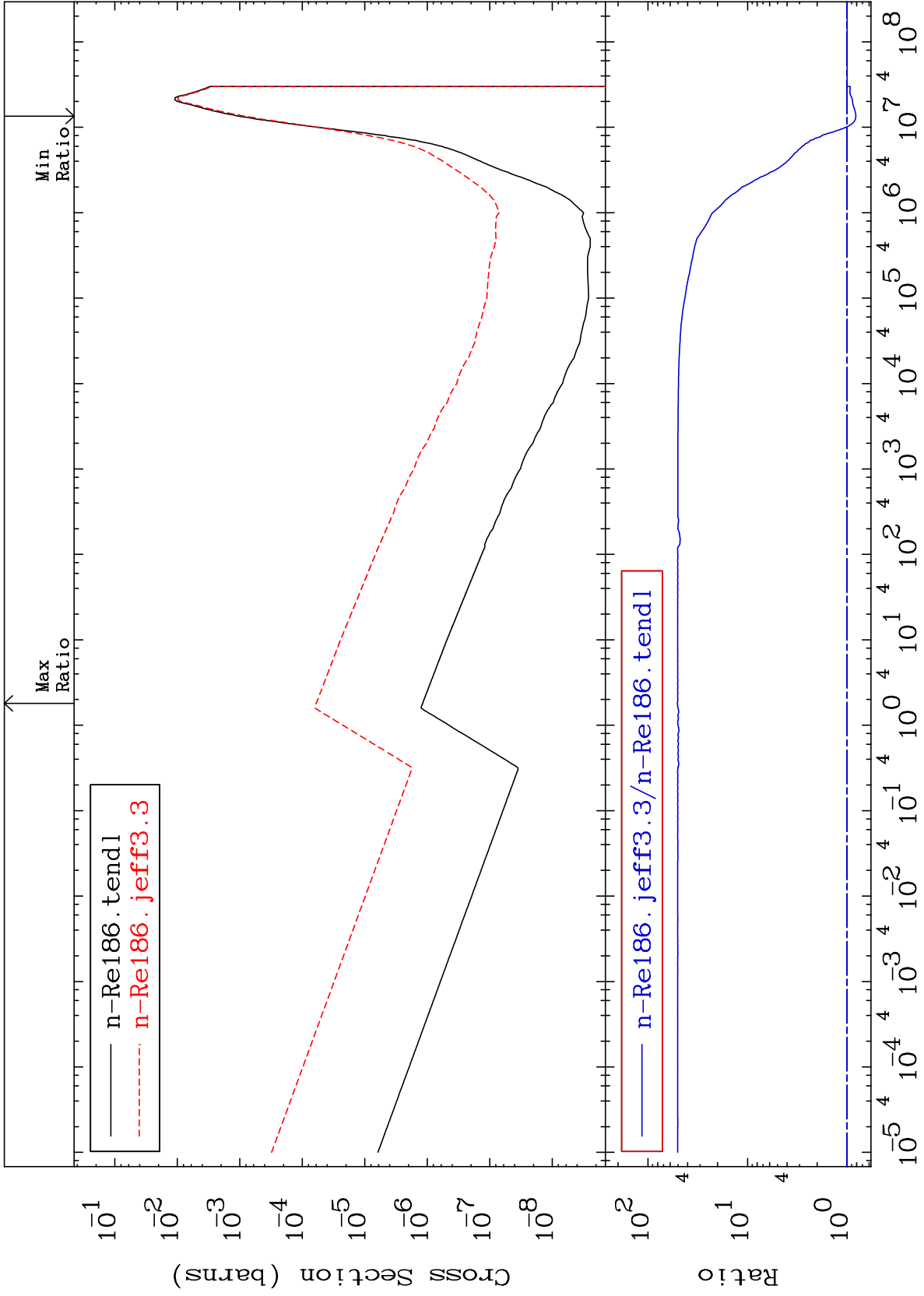
MAT 7528

(n, α)

75-Re-186

Cross Section

-18.29 To 4956. %



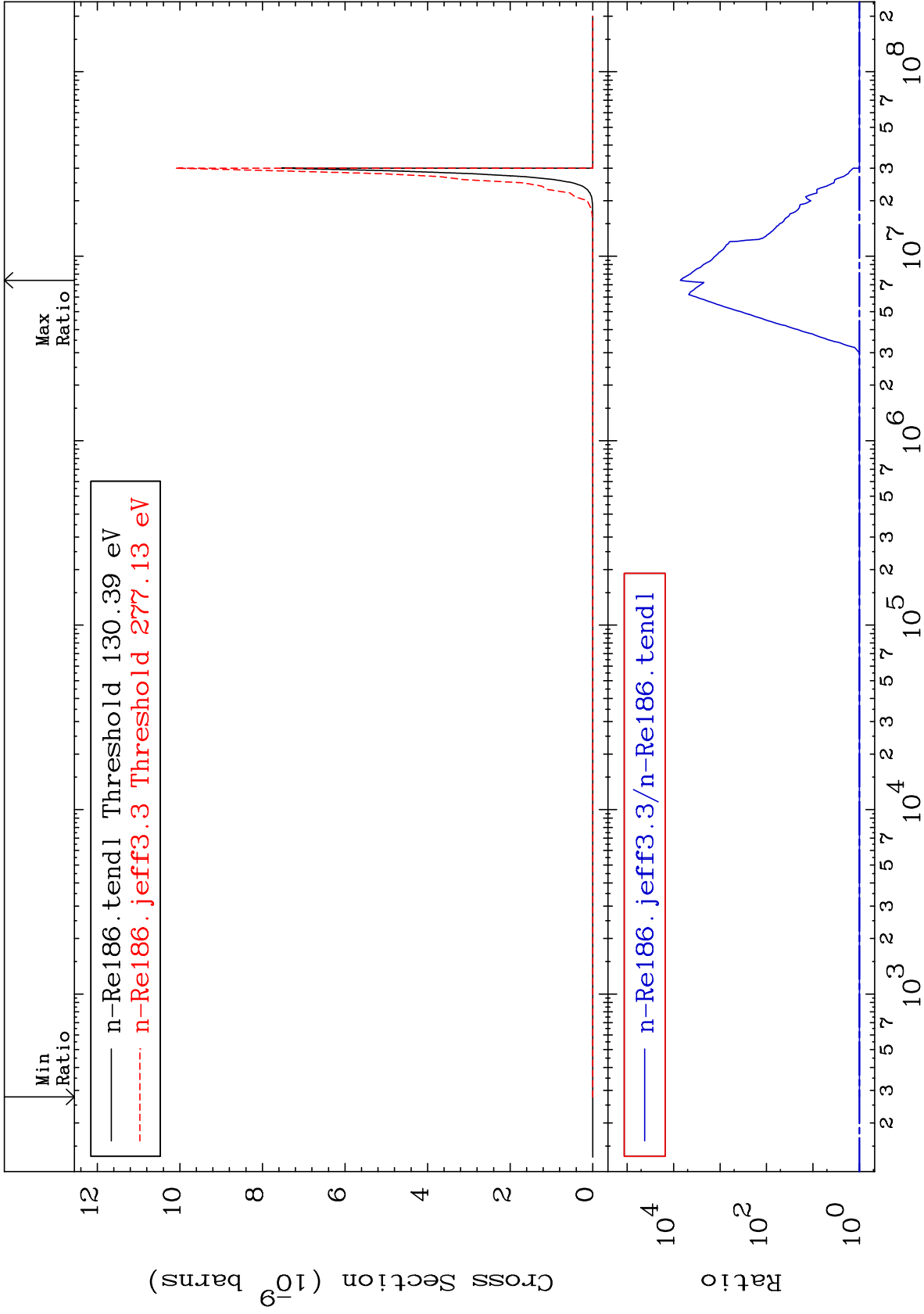
MAT 7528

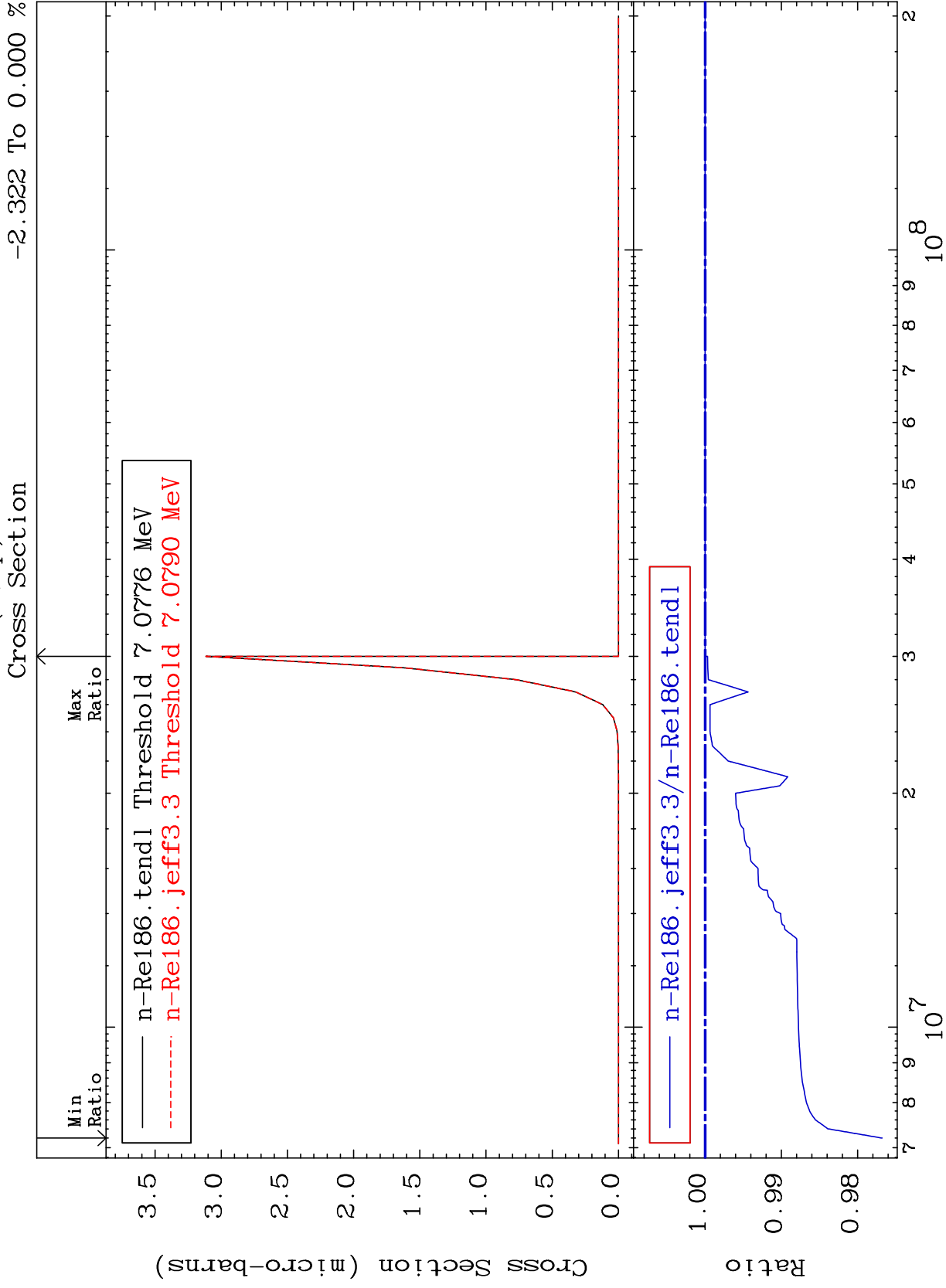
(n,2α)

⁷⁵Re-186

Cross Section

To 9999. %



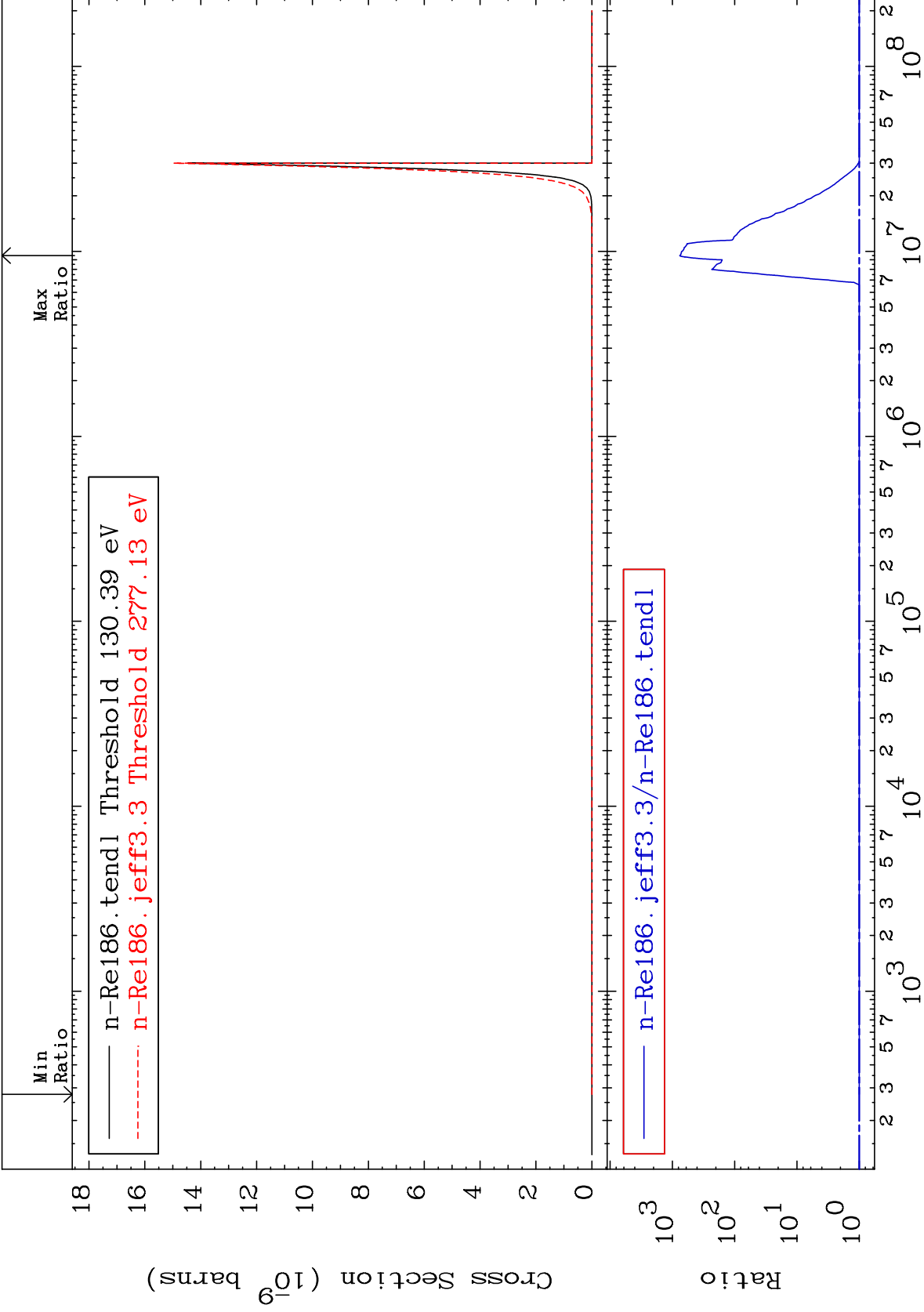


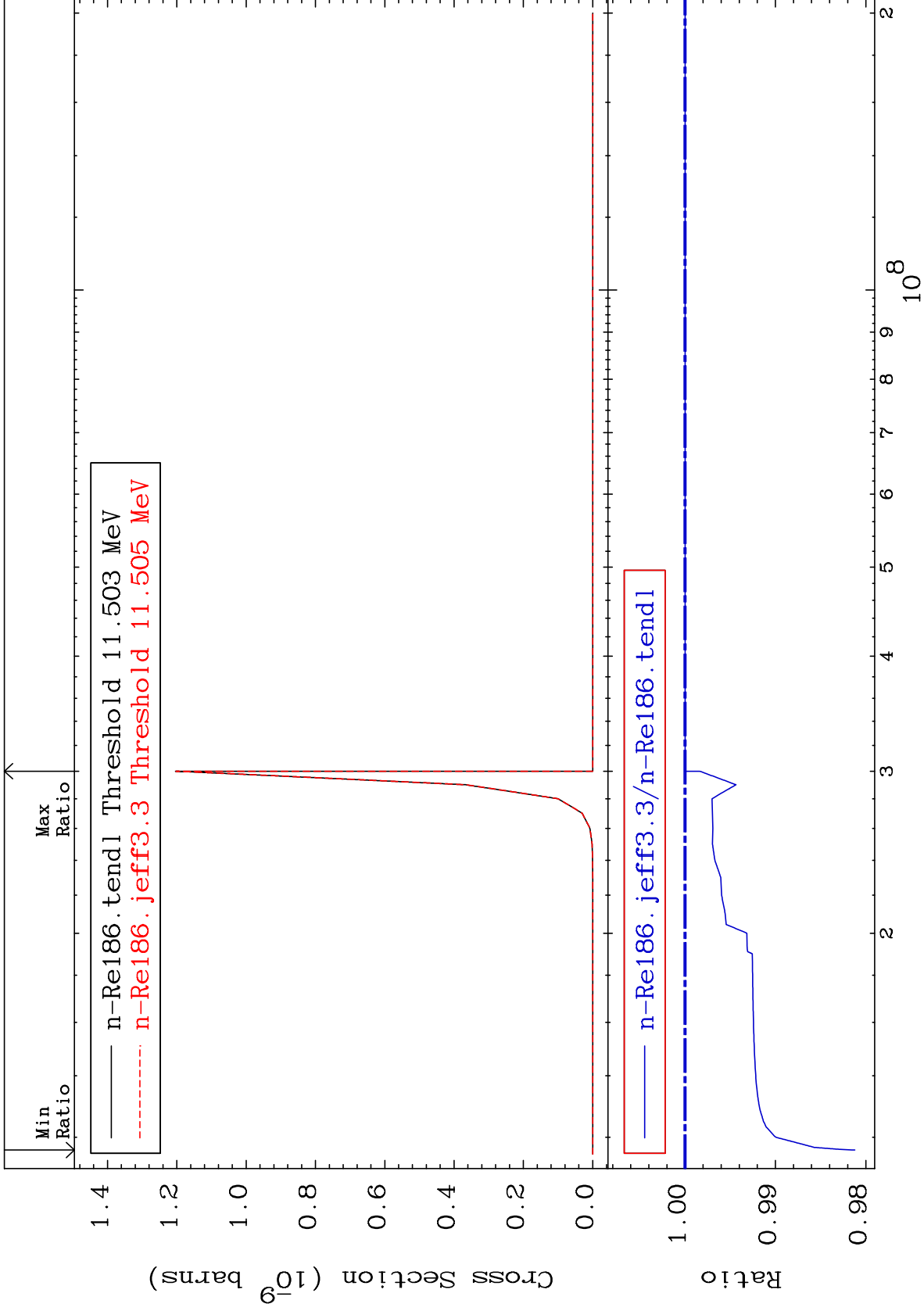
MAT 7528

(n,p) α

75-Re-186
To 9999. %

Cross Section

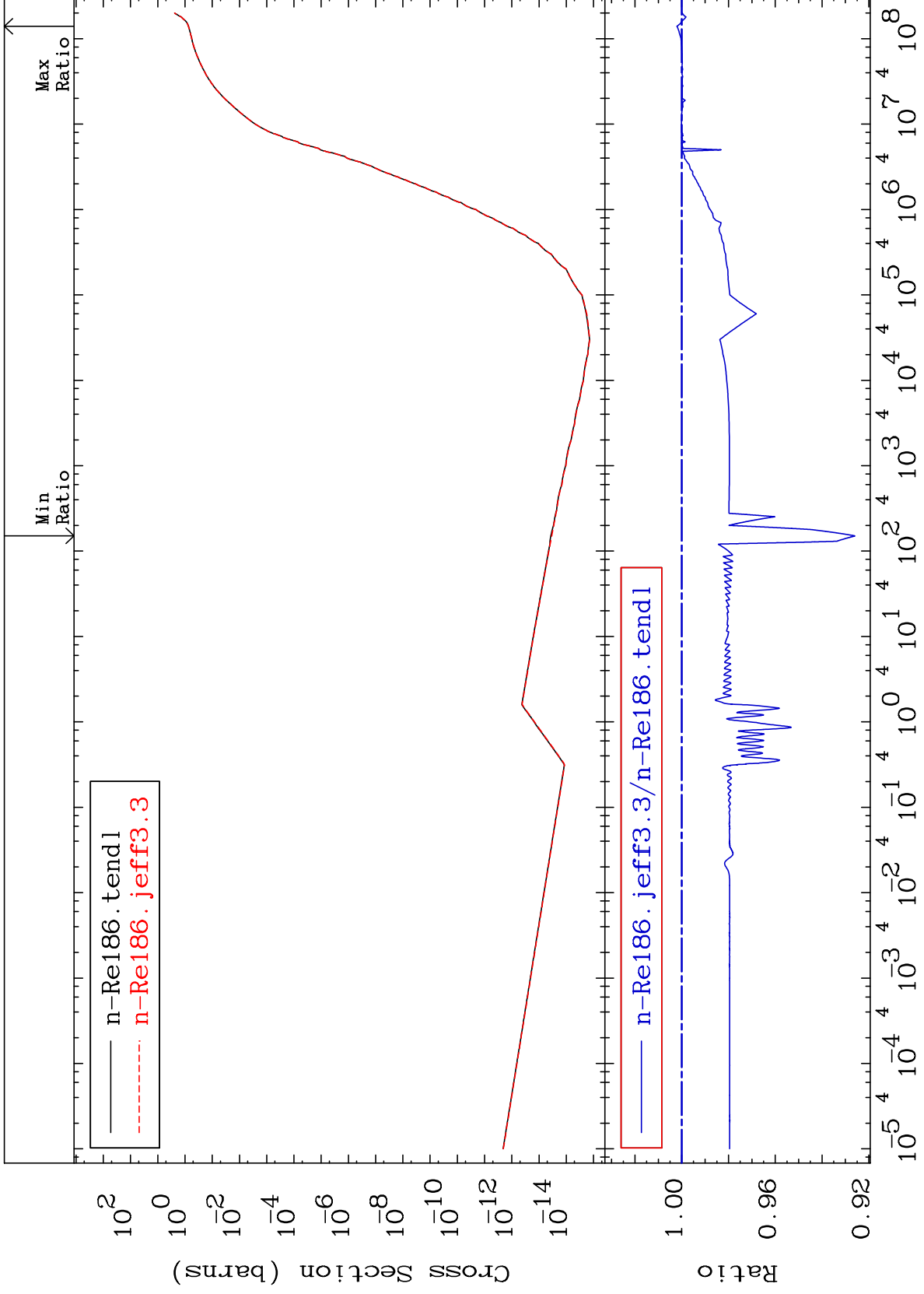




MAT 7528

Hydrogen Production
Cross Section

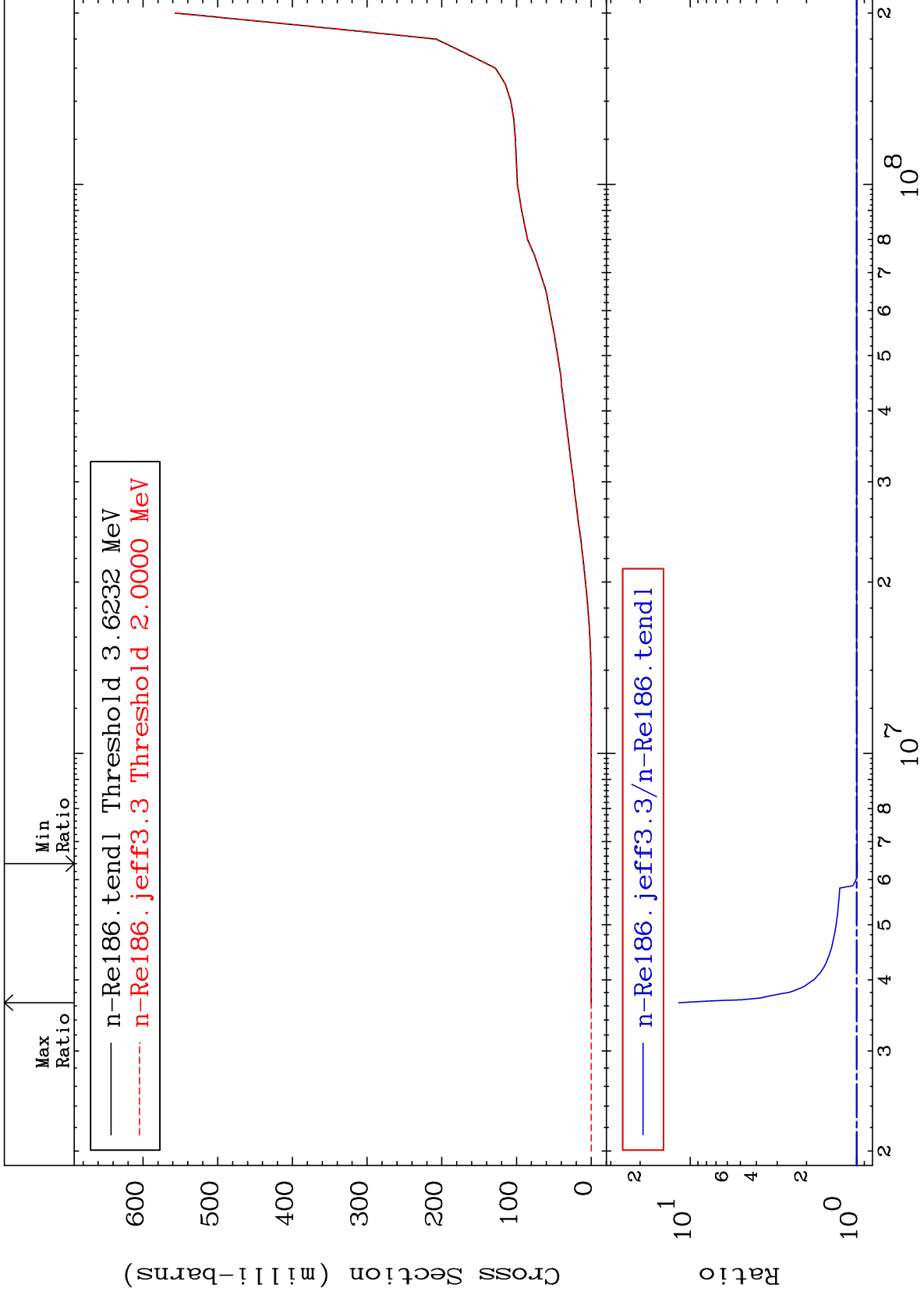
75-Re-186
-7.413 To 0.206 %



MAT 7528

Deuterium Production
Cross Section

⁷⁵Re-¹⁸⁶Re
-0.867 To 1074. %



60

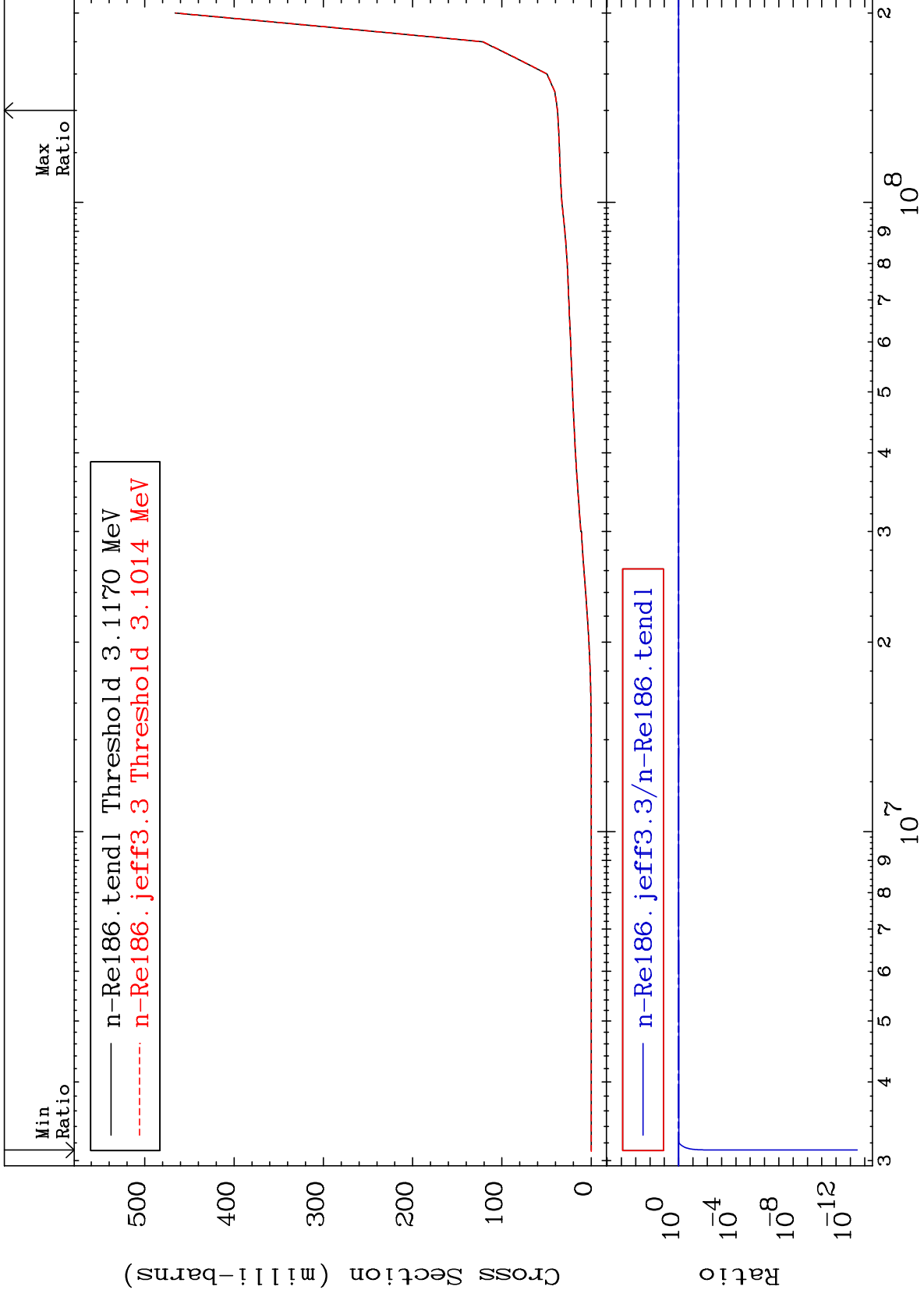
Incident Energy (eV)

⁷⁵Re-¹⁸⁶Re

MAT 7528

Tritium Production
Cross Section

⁷⁵Re-¹⁸⁶
-100.0 To 0.267 %



61

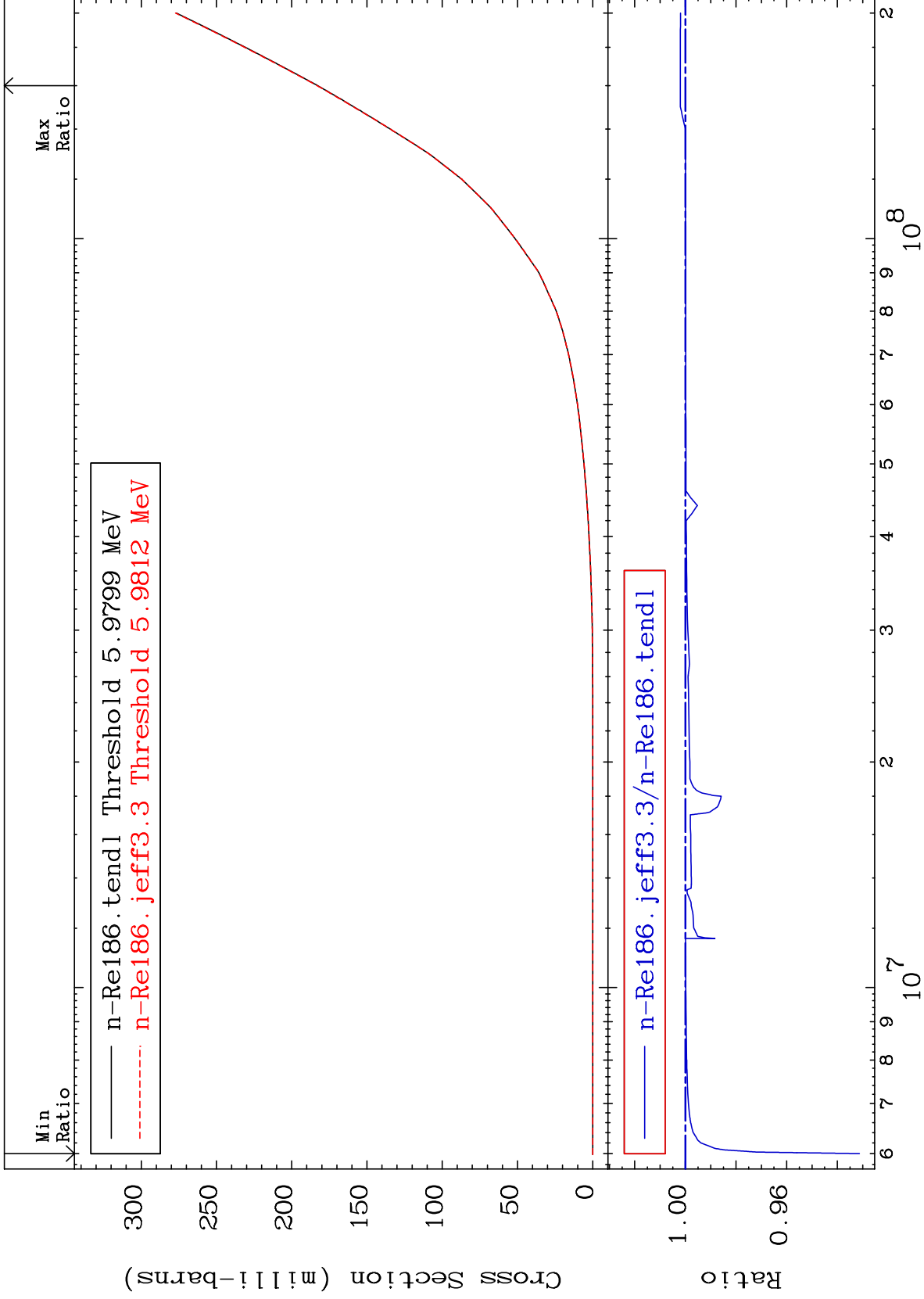
Incident Energy (eV)

⁷⁵Re-¹⁸⁶

MAT 7528

He-3 Production
Cross Section

⁷⁵Re-¹⁸⁶Re
-6.872 To 0.199 %



62

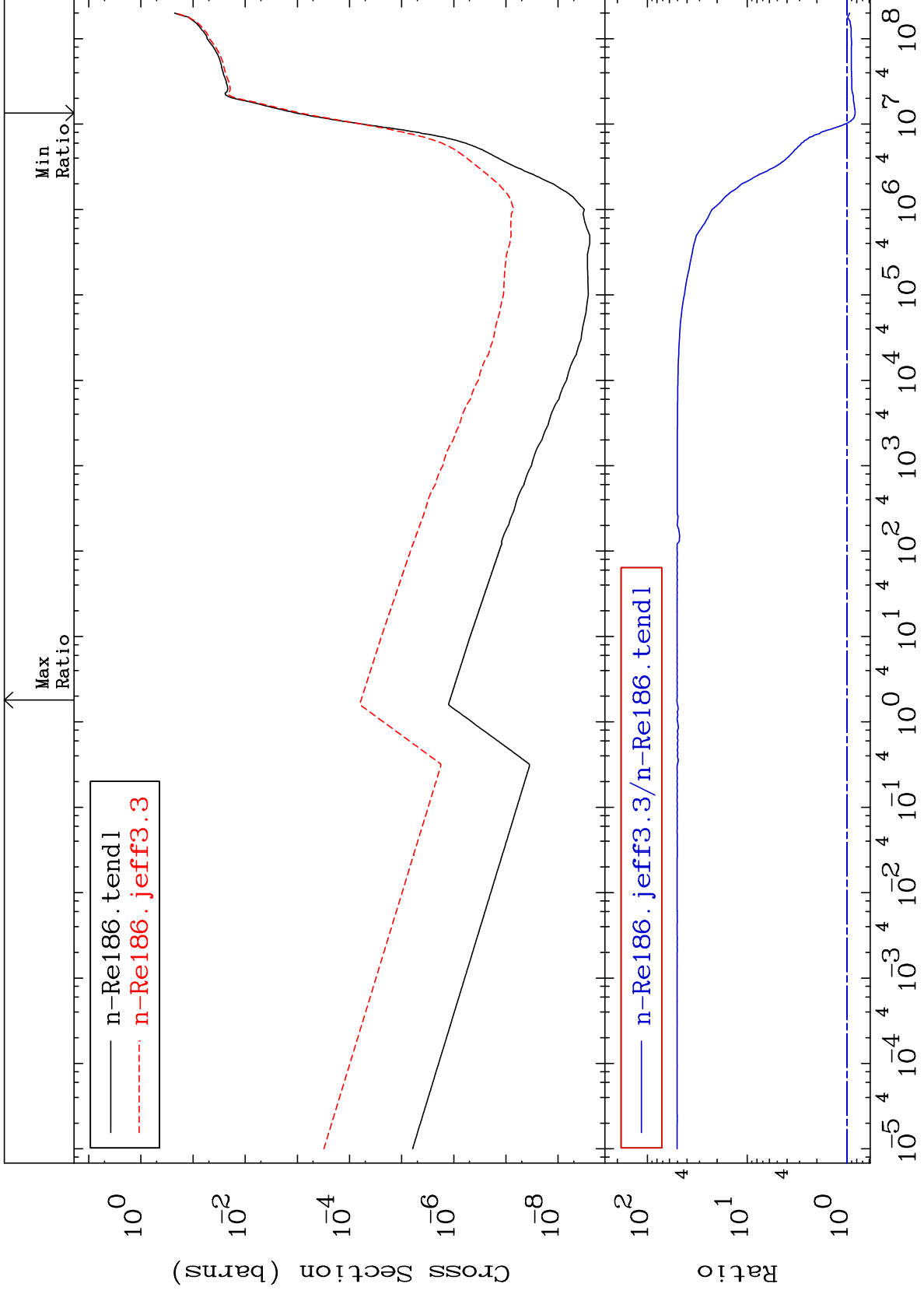
Incident Energy (eV)

⁷⁵Re-¹⁸⁶Re

MAT 7528

He-4 Production
Cross Section

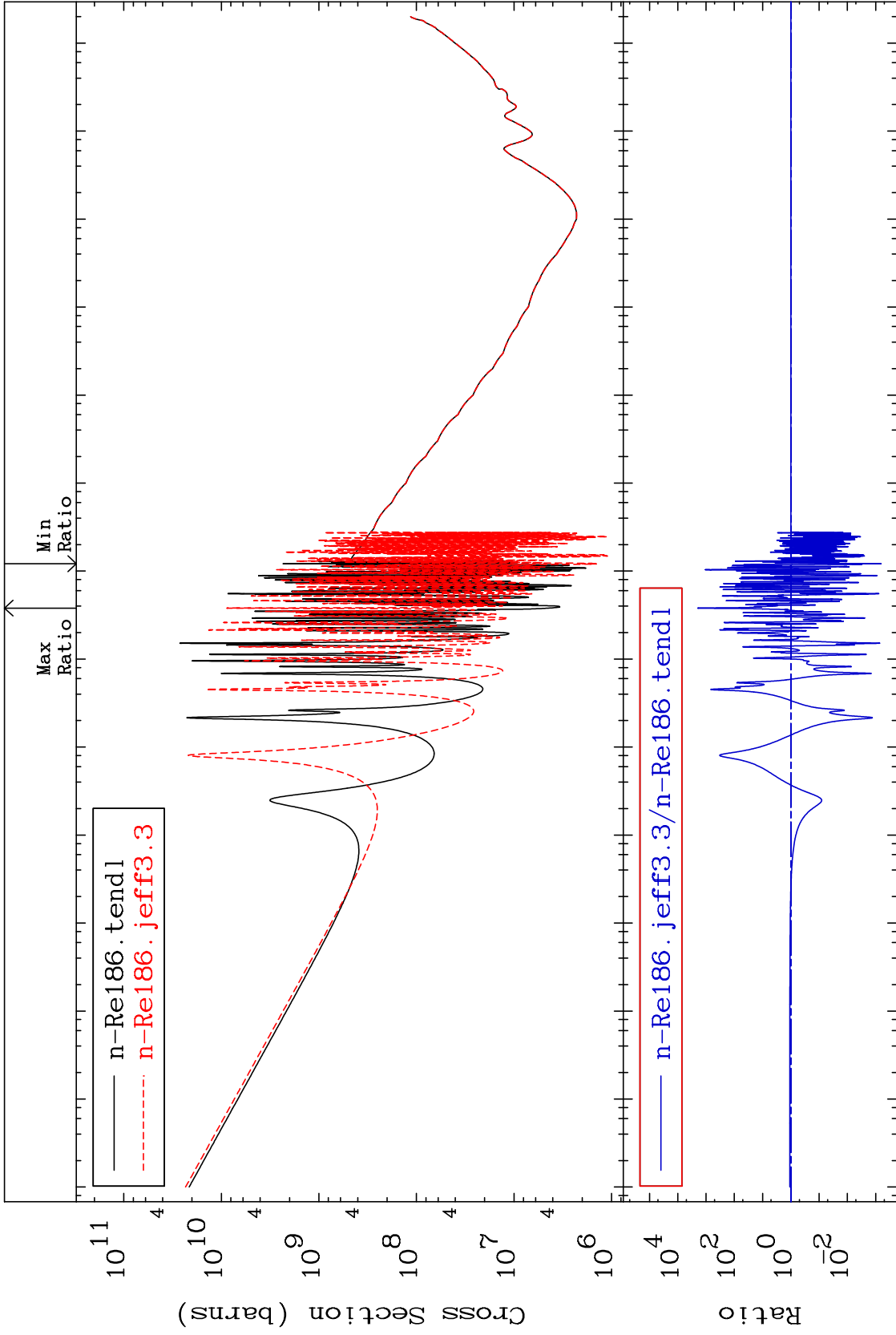
75-Re-186
-16.87 To 4956. %



63

Incident Energy (eV)

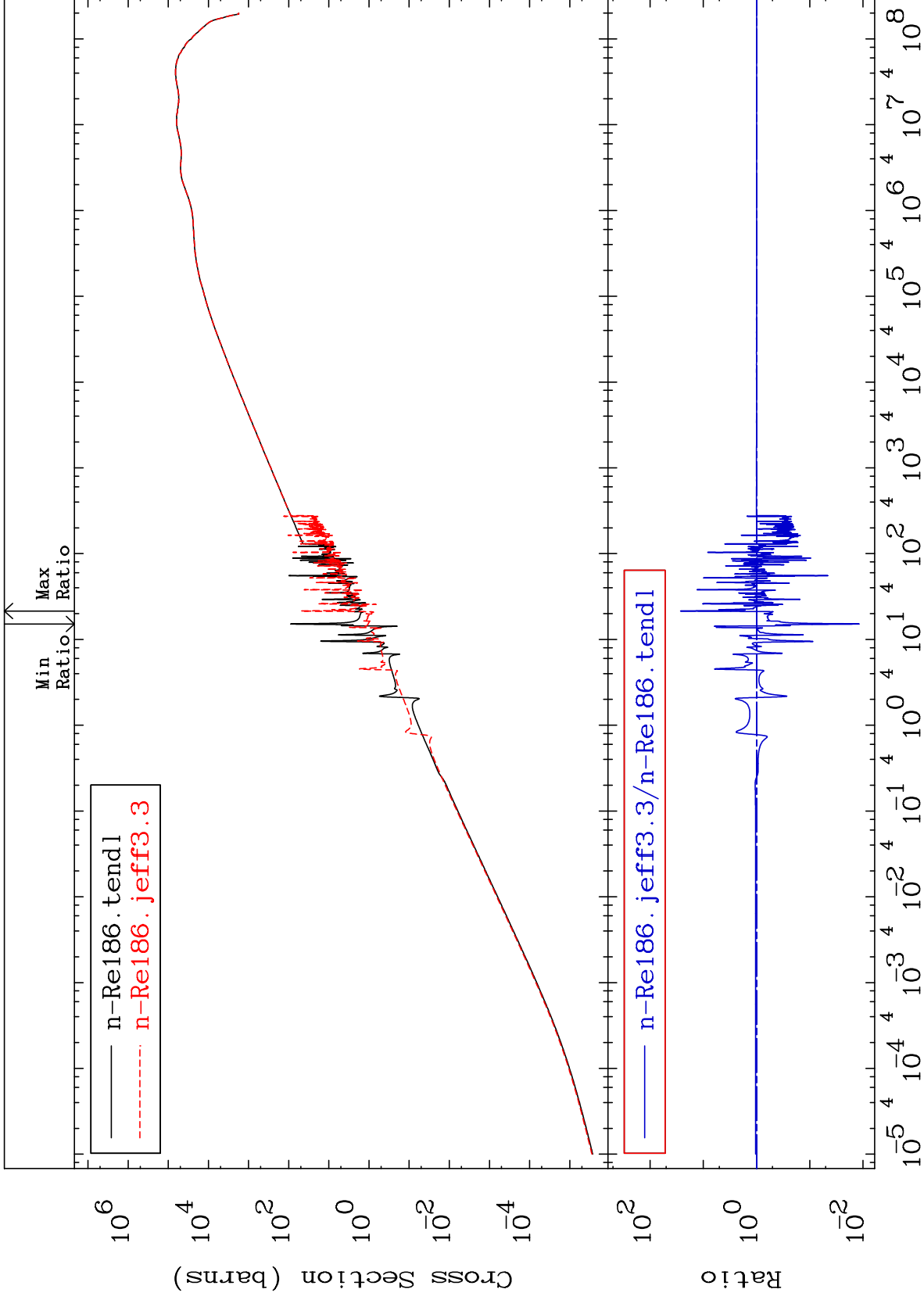
75-Re-186



MAT 7528

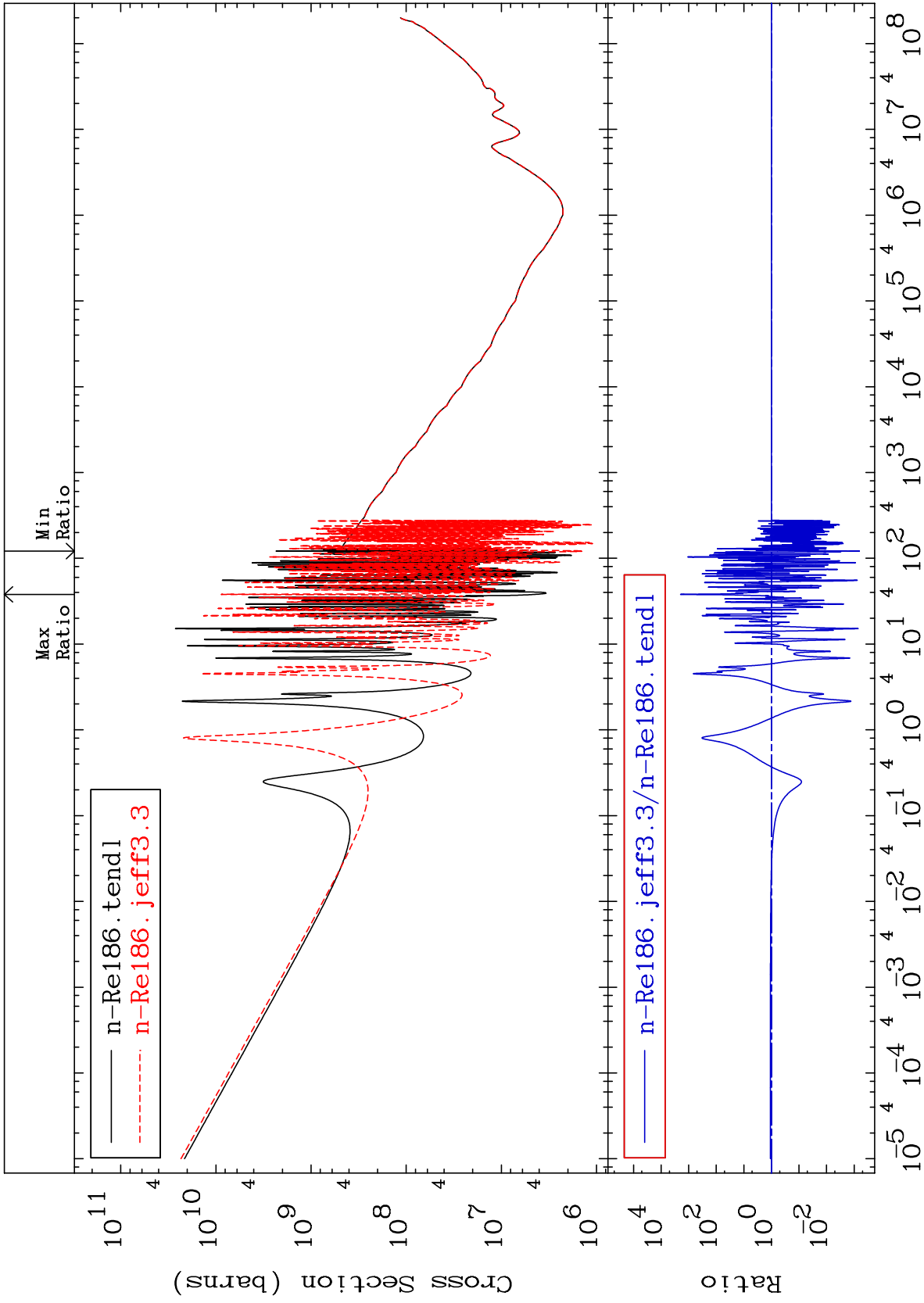
Kerma elastic
Cross Section

75-Re-186
-98.84 To 2604. %



65

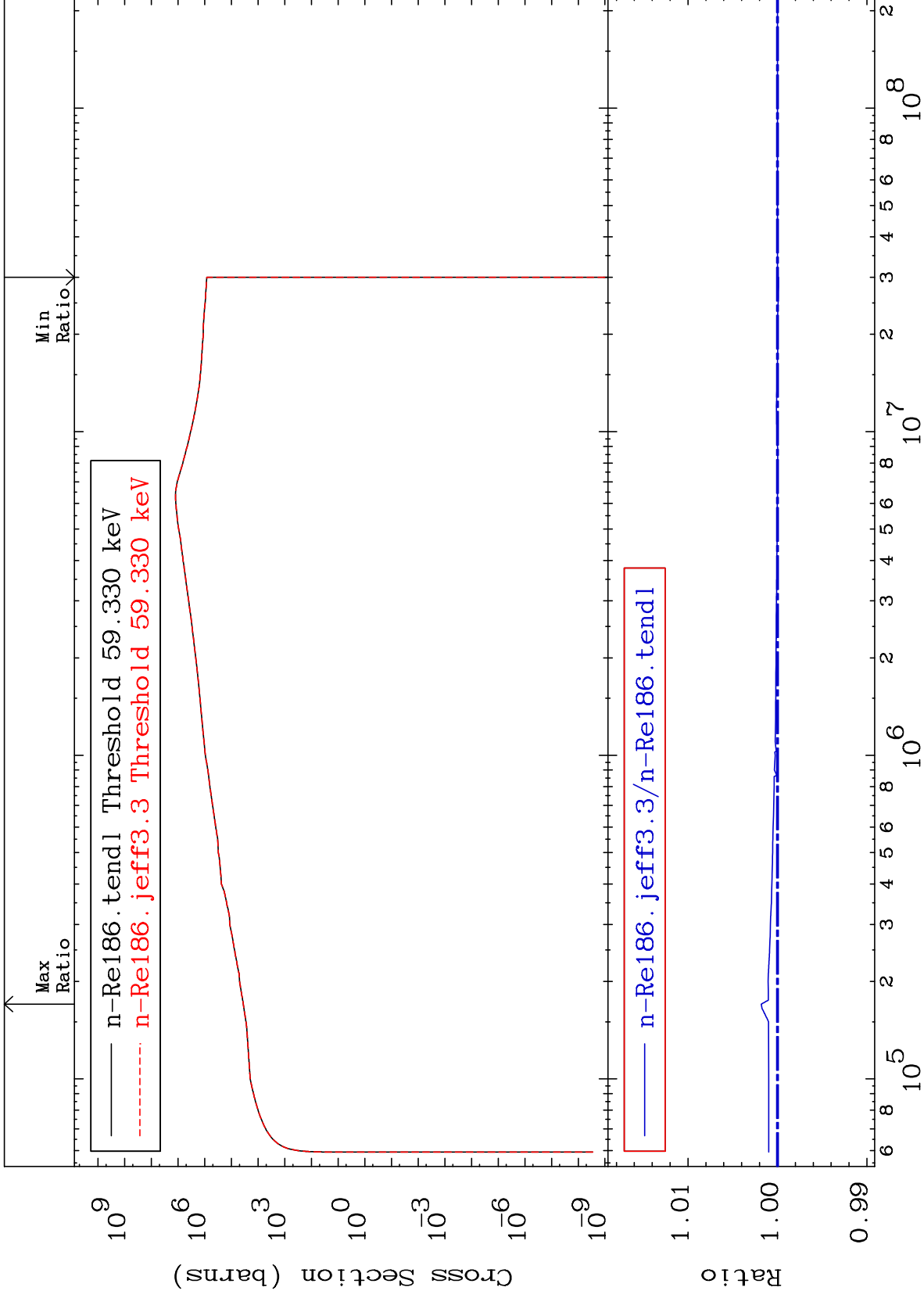
75-Re-186



MAT 7528

Kerma inelastic (mt51-91)
Cross Section

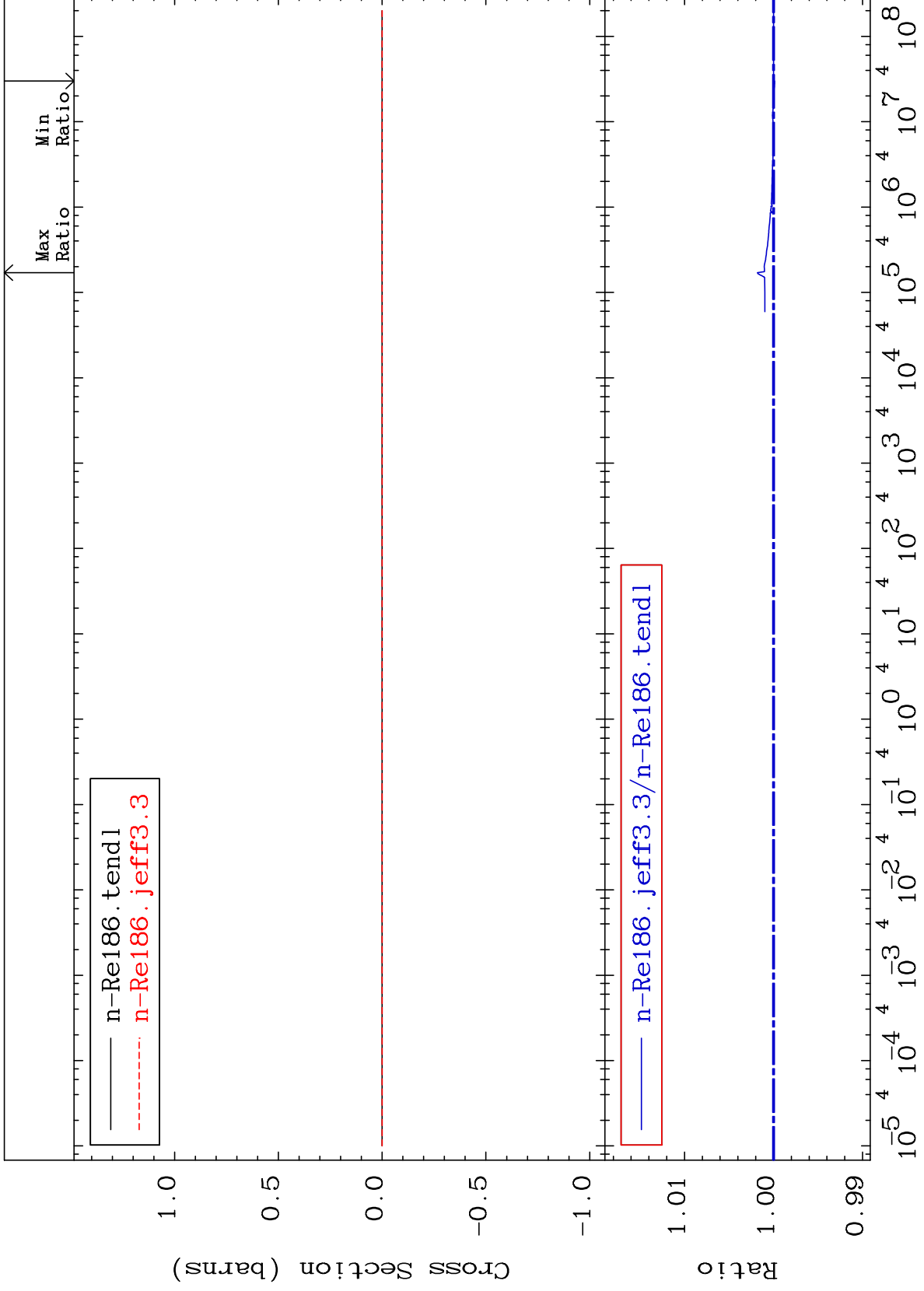
75-Re-186
-0.013 To 0.182 %

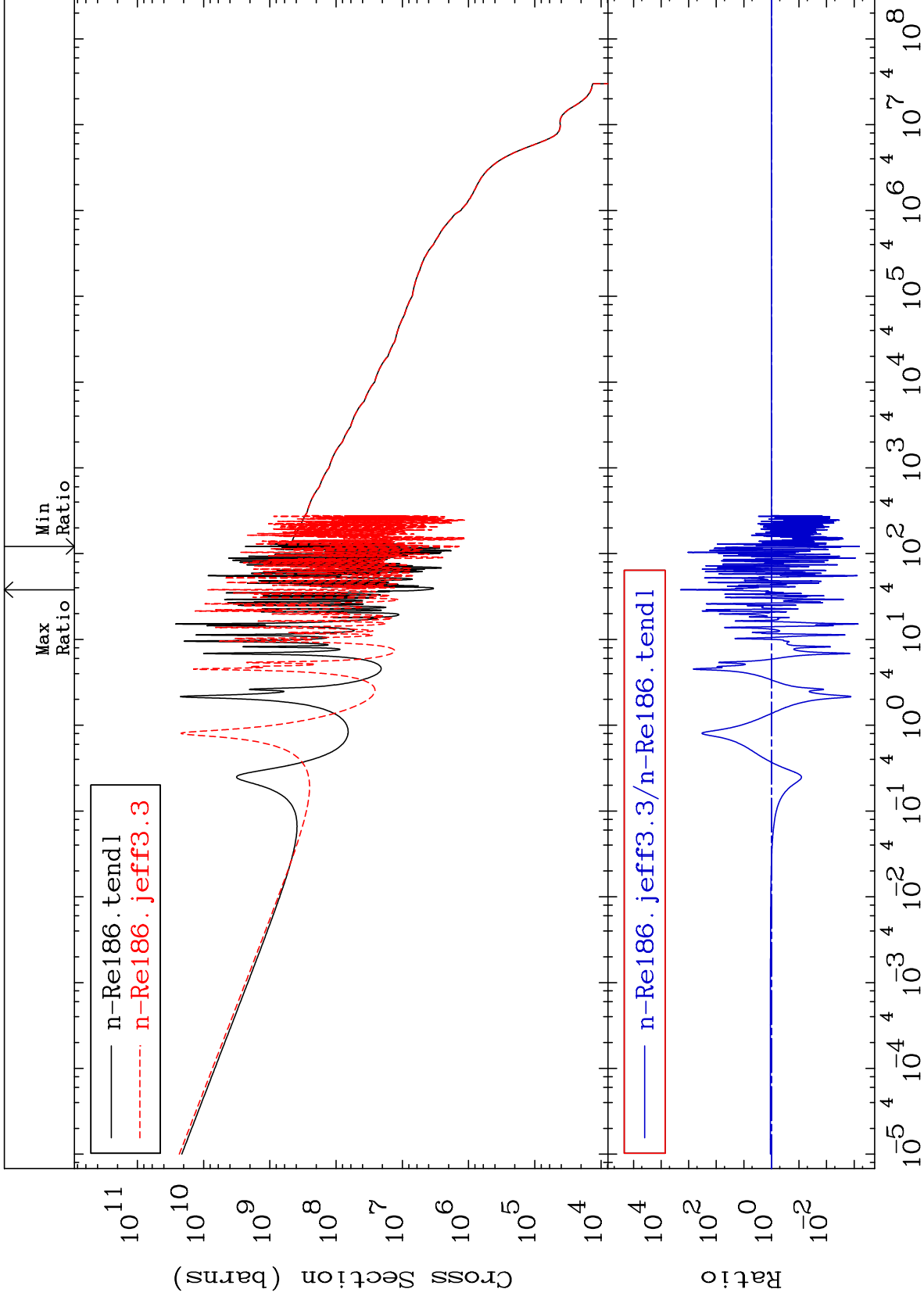


MAT 7528

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

75-Re-186
-0.013 To 0.182 %



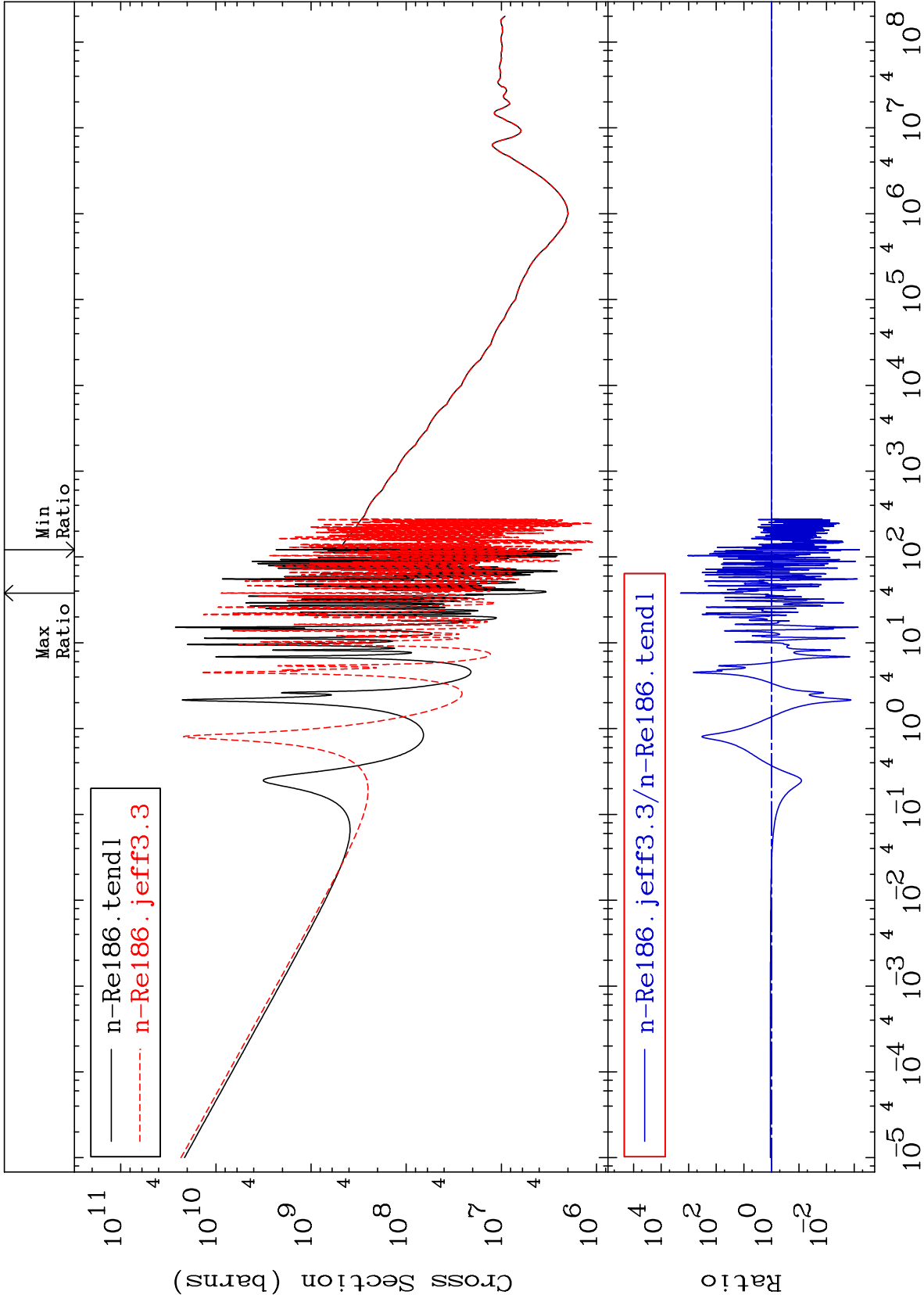


MAT 7528

Total photon (eV-barns)

75-Re-186

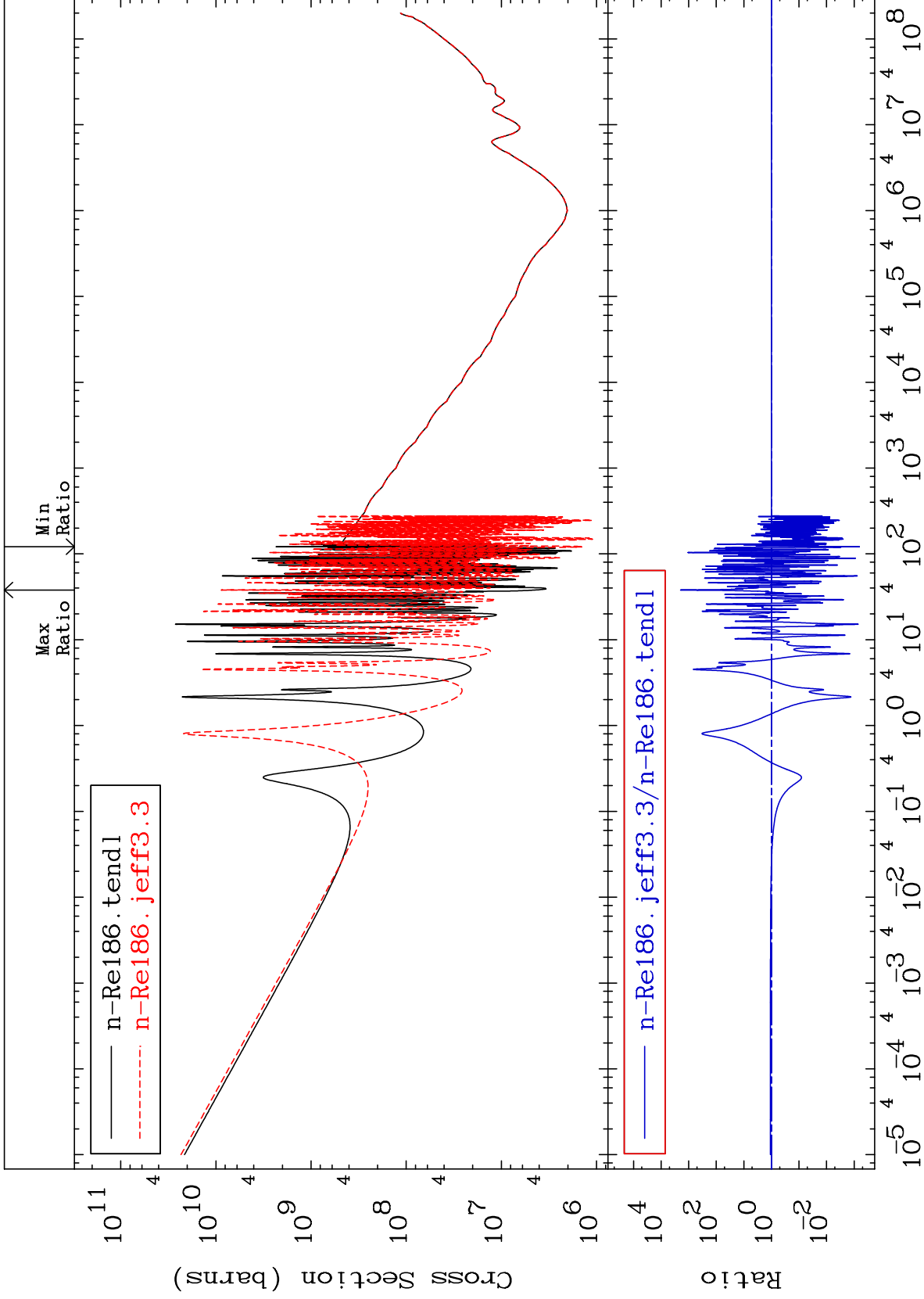
-99.94 To 9999. %

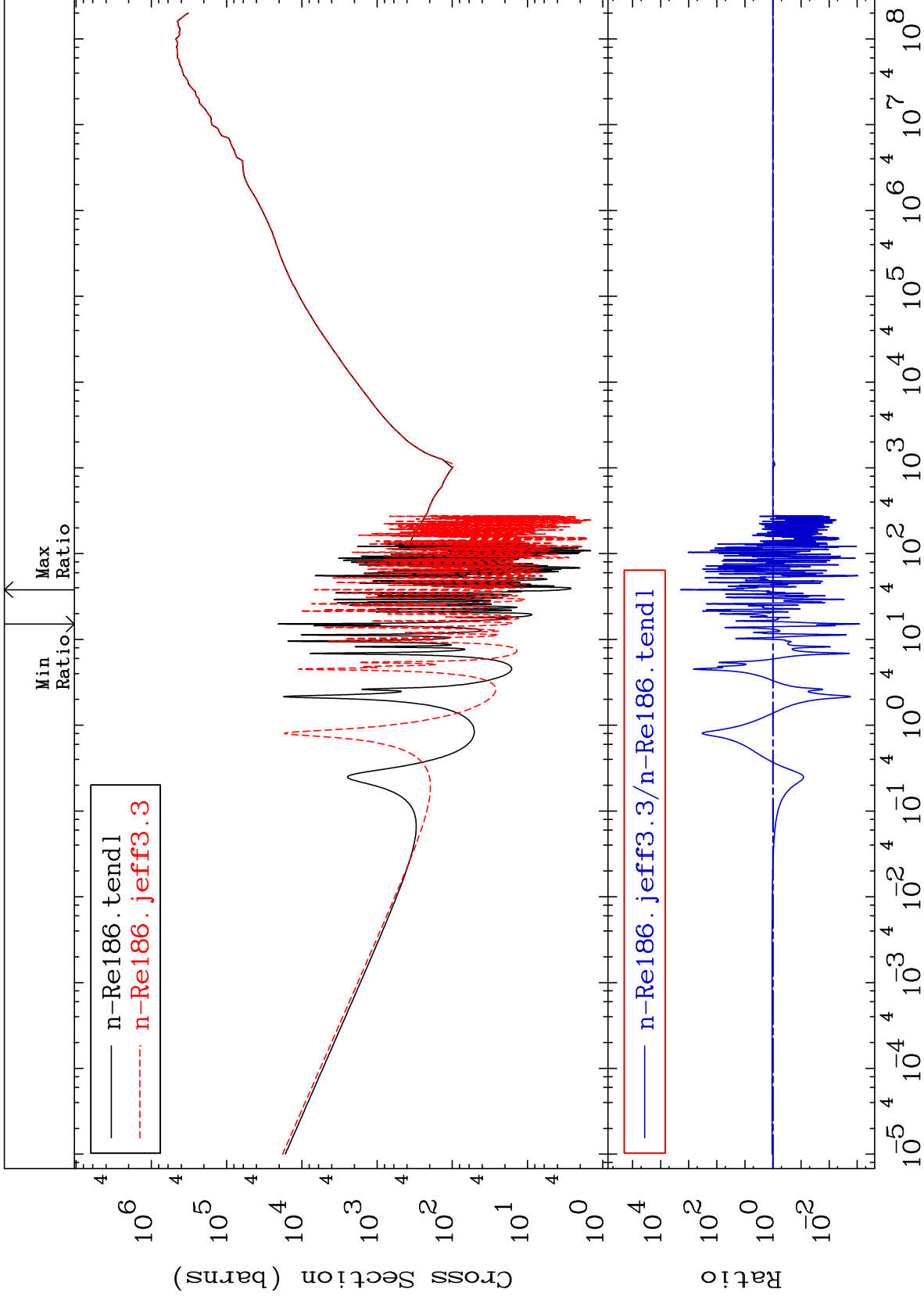


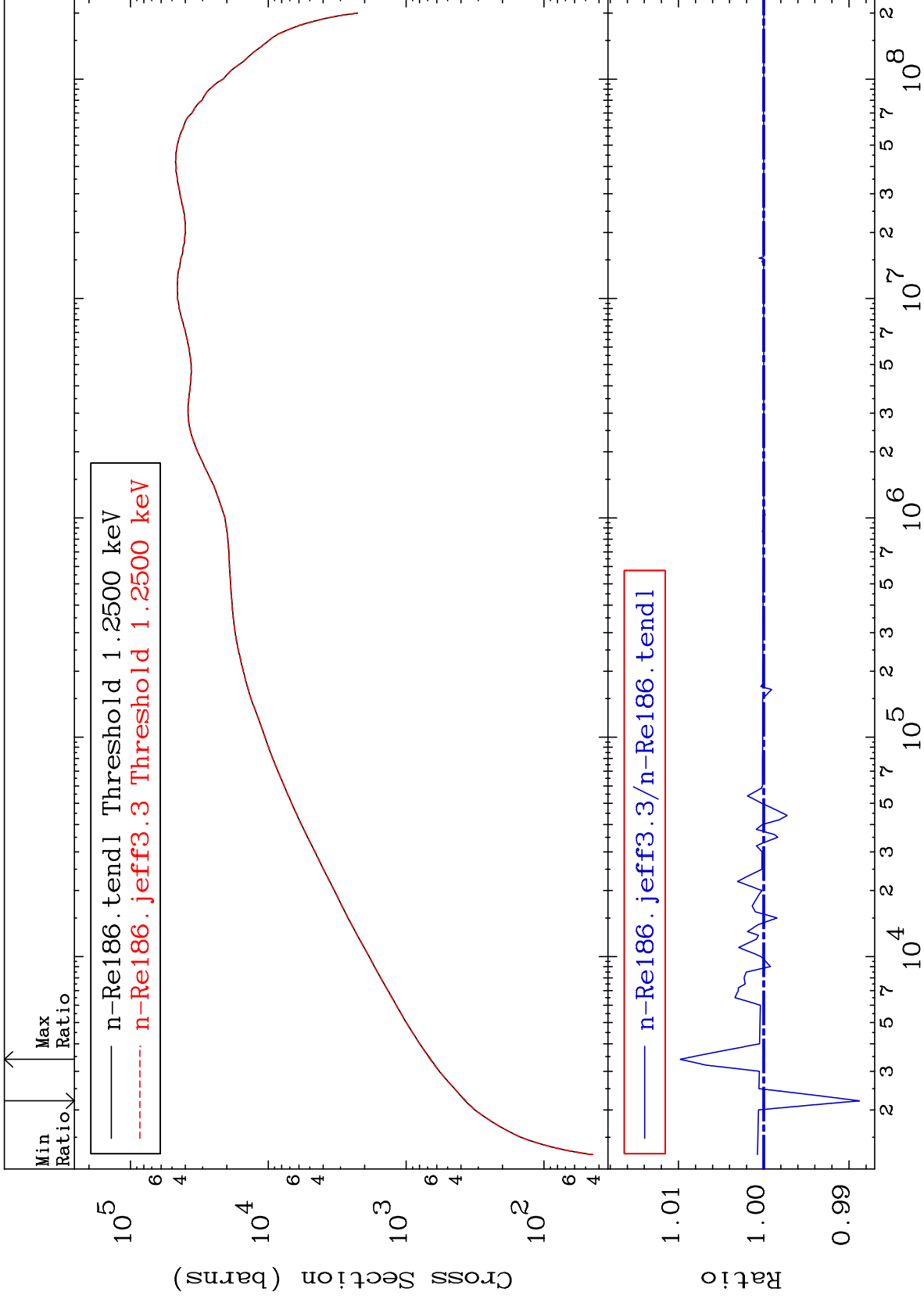
70

Incident Energy (eV)

75-Re-186



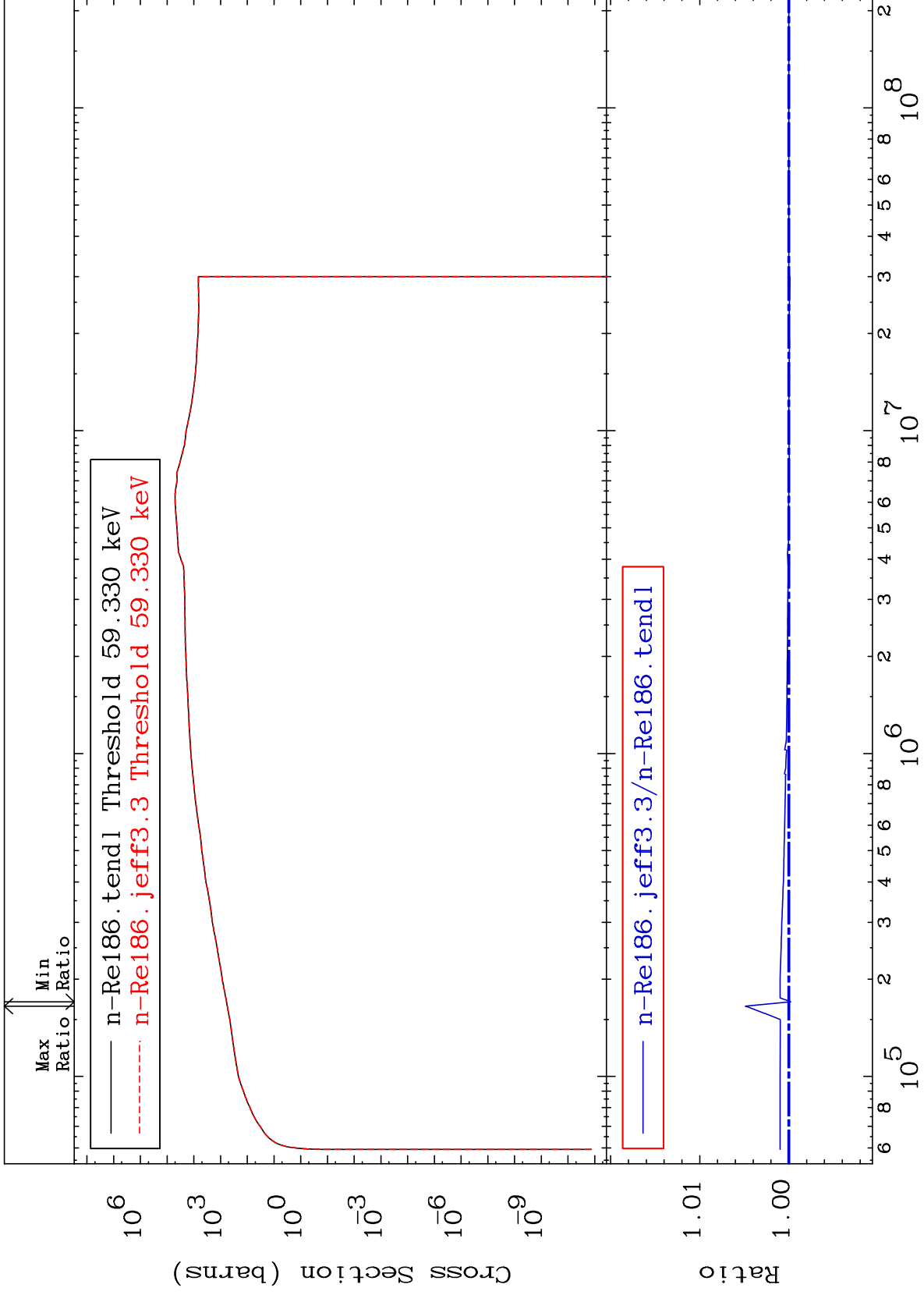




MAT 7528

Dpa inelastic (mt51-91)
Cross Section

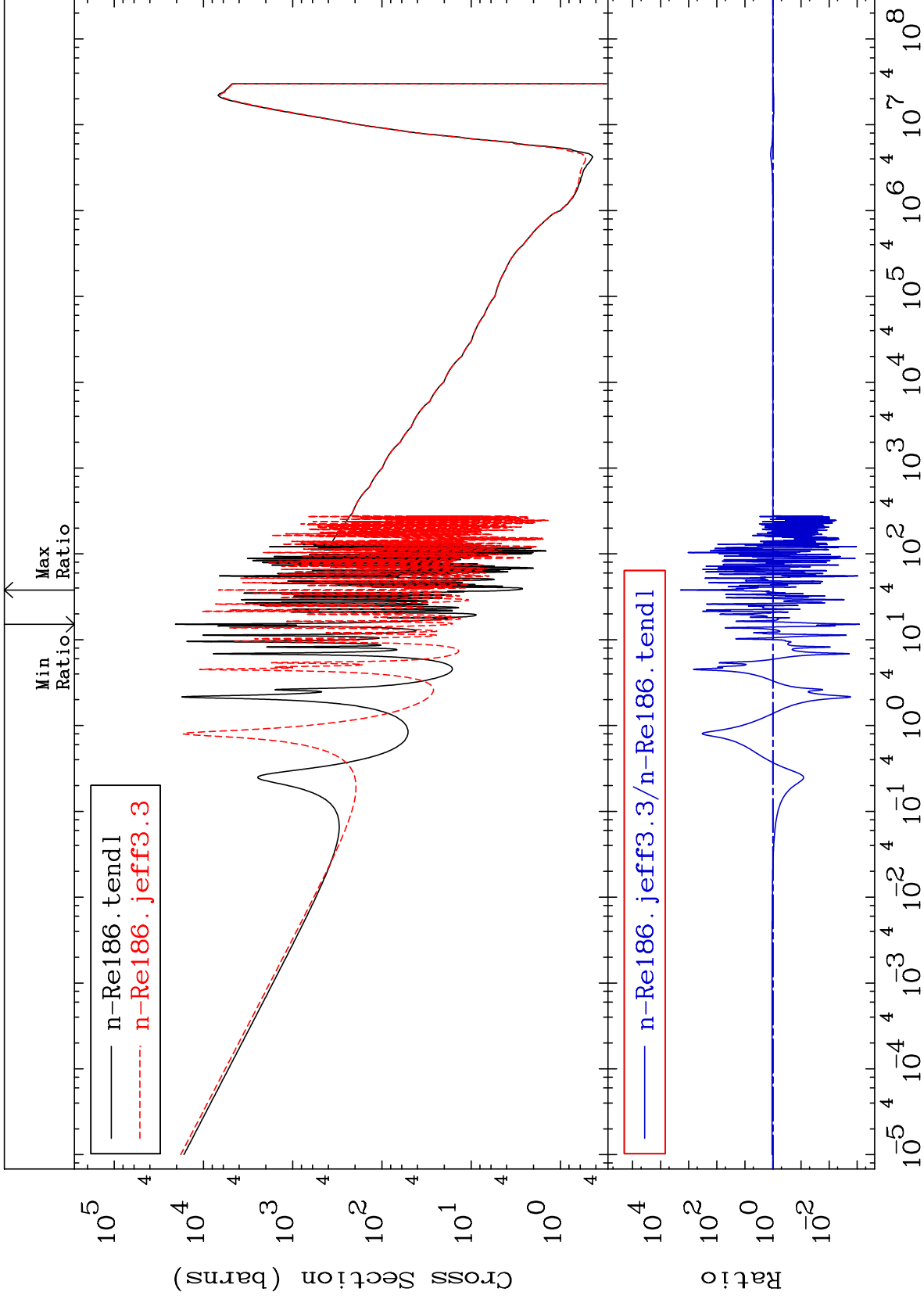
75-Re-186
-0.020 To 0.489 %



74

Incident Energy (eV)

75-Re-186

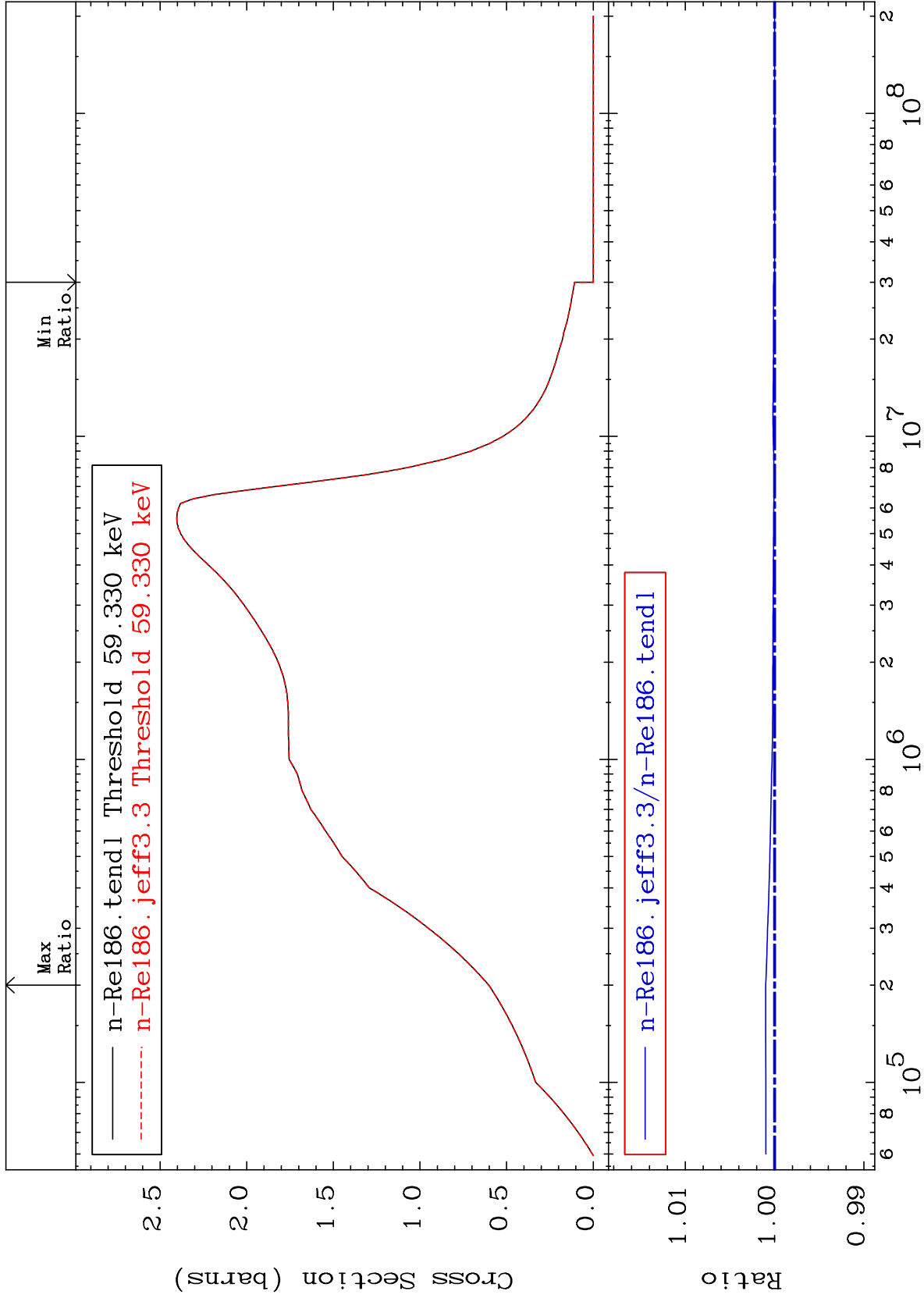


MAT 7528

Inelastic: 75-Re-186g

75-Re-186

Radionuclide Production Cross Section 0.000 To 0.100 %



76

Incident Energy (eV)

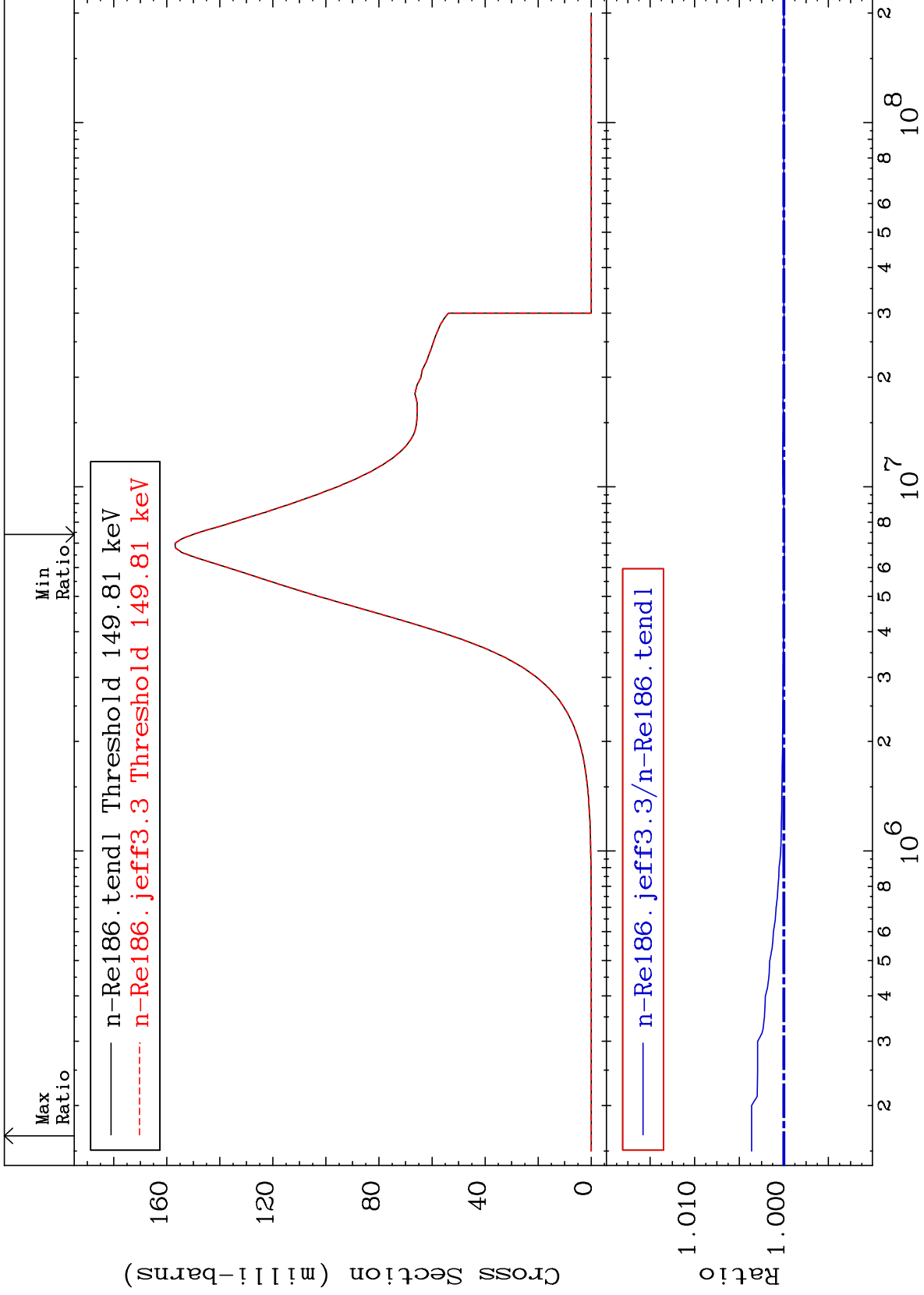
75-Re-186

MAT 7528

Inelastic: 75-Re-186m4

75-Re-186

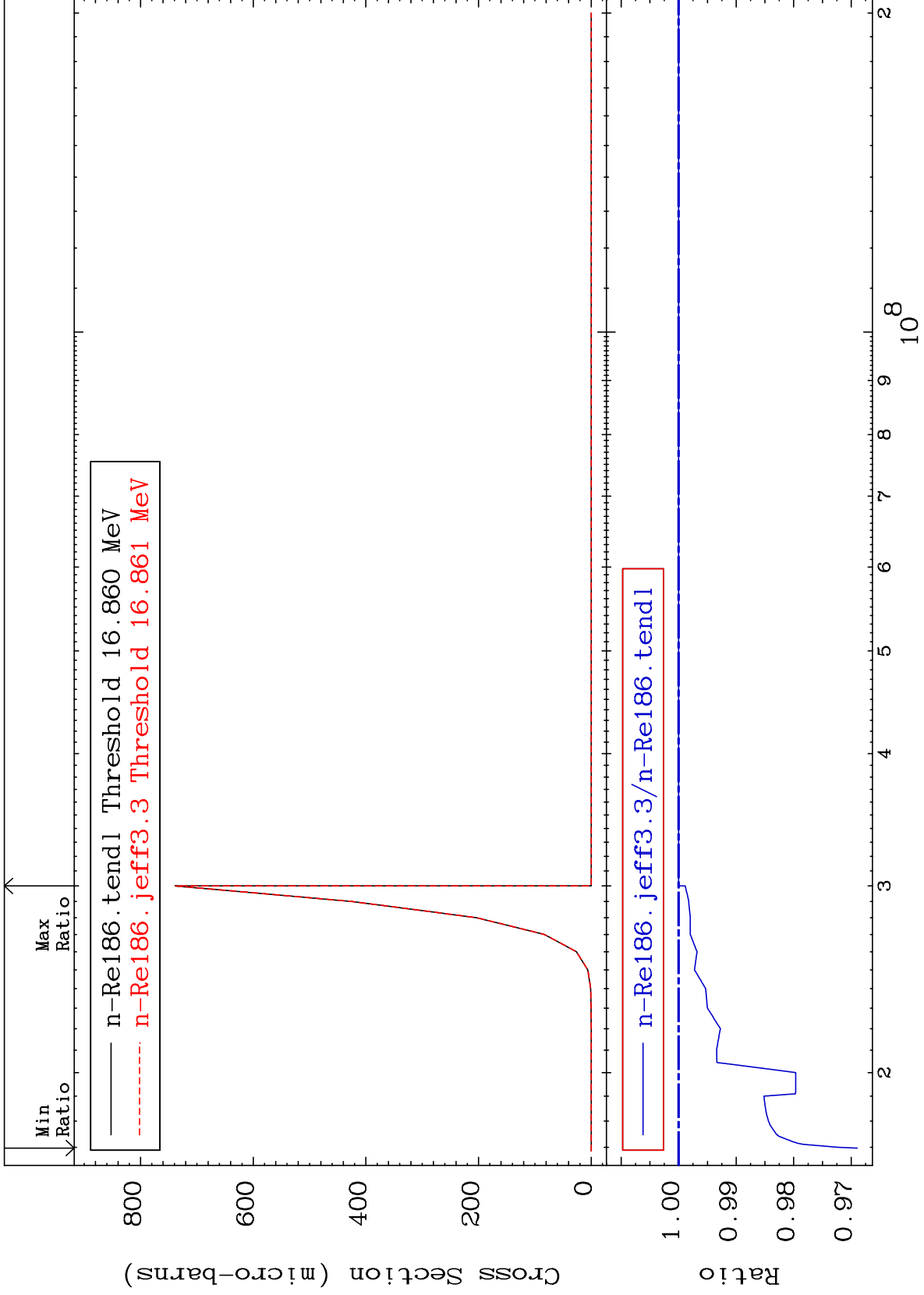
Radionuclide Production Cross Section -0.005 To 0.361 %



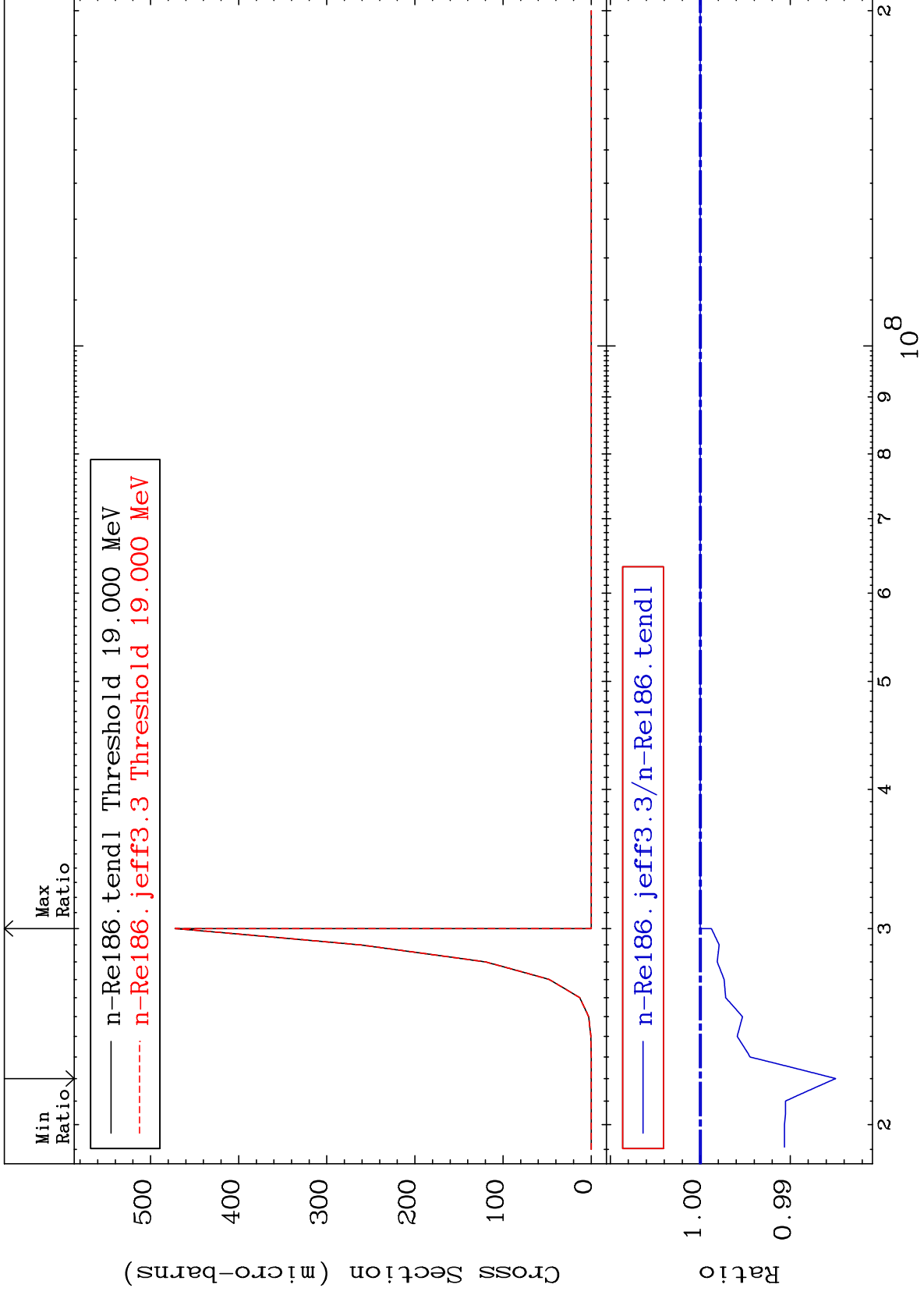
77

Incident Energy (eV)

75-Re-186



Radionuclide Production Cross Section -1.504 To 0.000 %

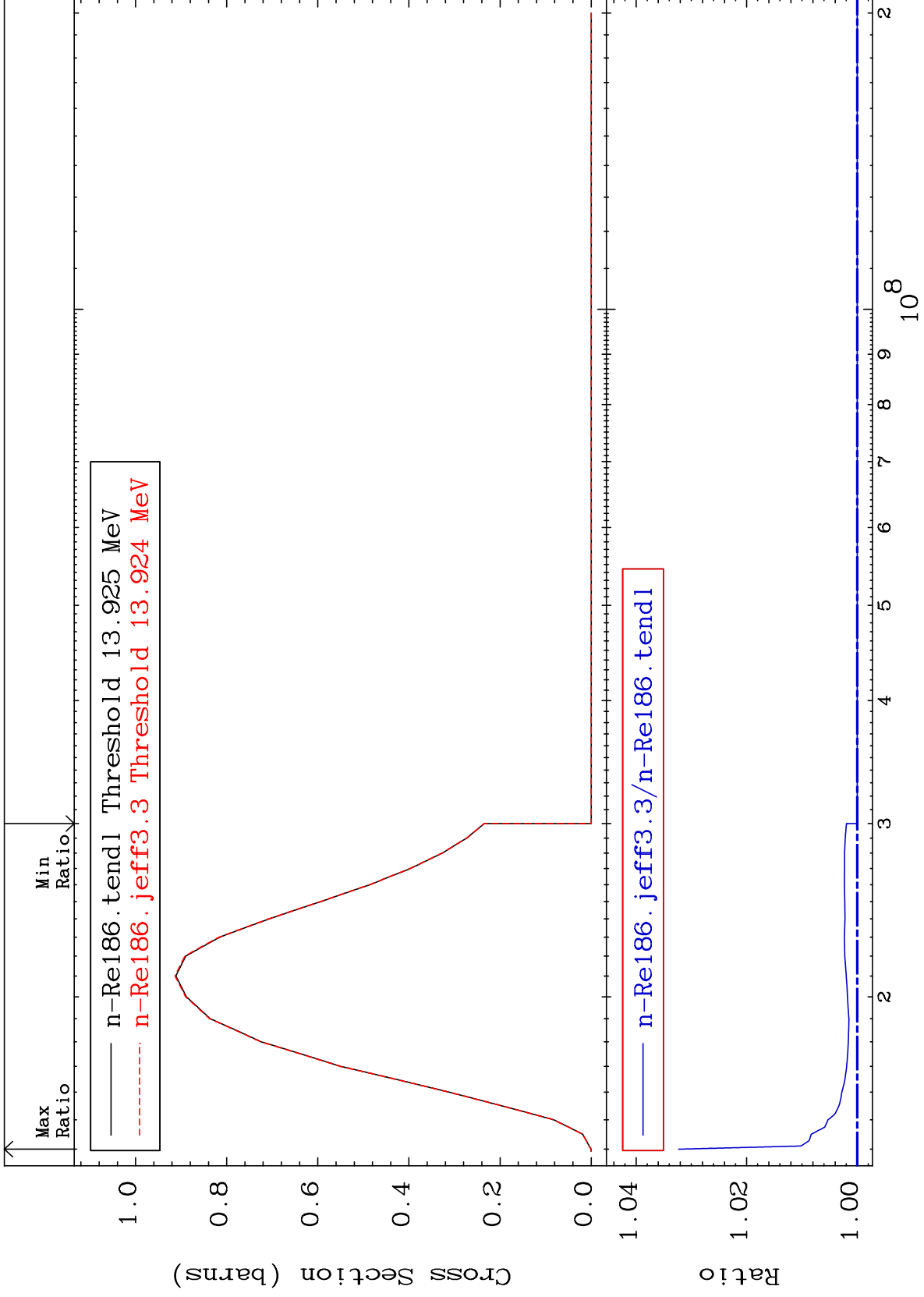


MAT 7528

(n,3n):75-Re-184g

75-Re-186

Radionuclide Production Cross Section 0.000 To 3.230 %



80

Incident Energy (eV)

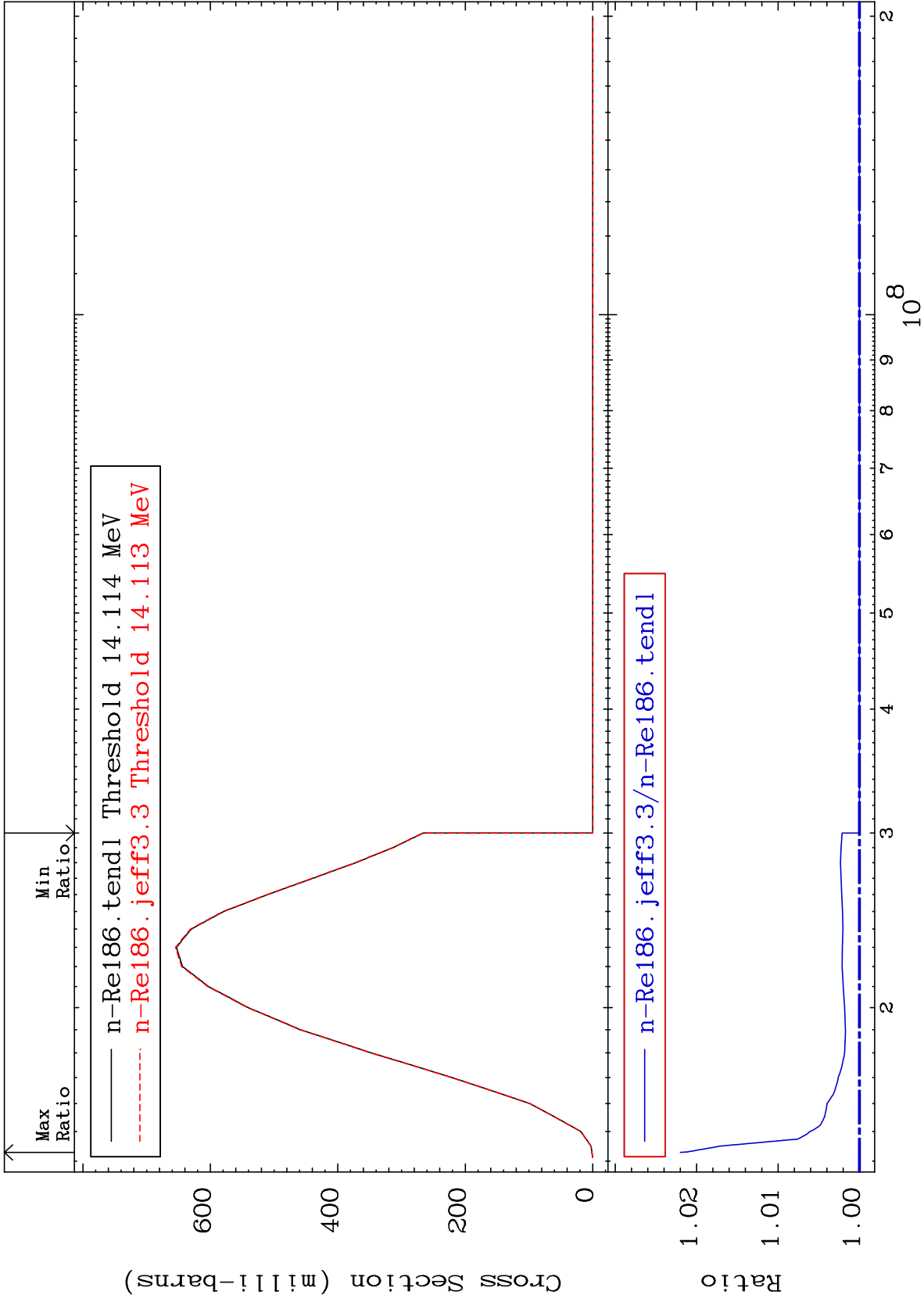
75-Re-186

MAT 7528

(n, 3n) : 75-Re-184m5

75-Re-186

Radionuclide Production Cross Section 0.000 To 2.200 %



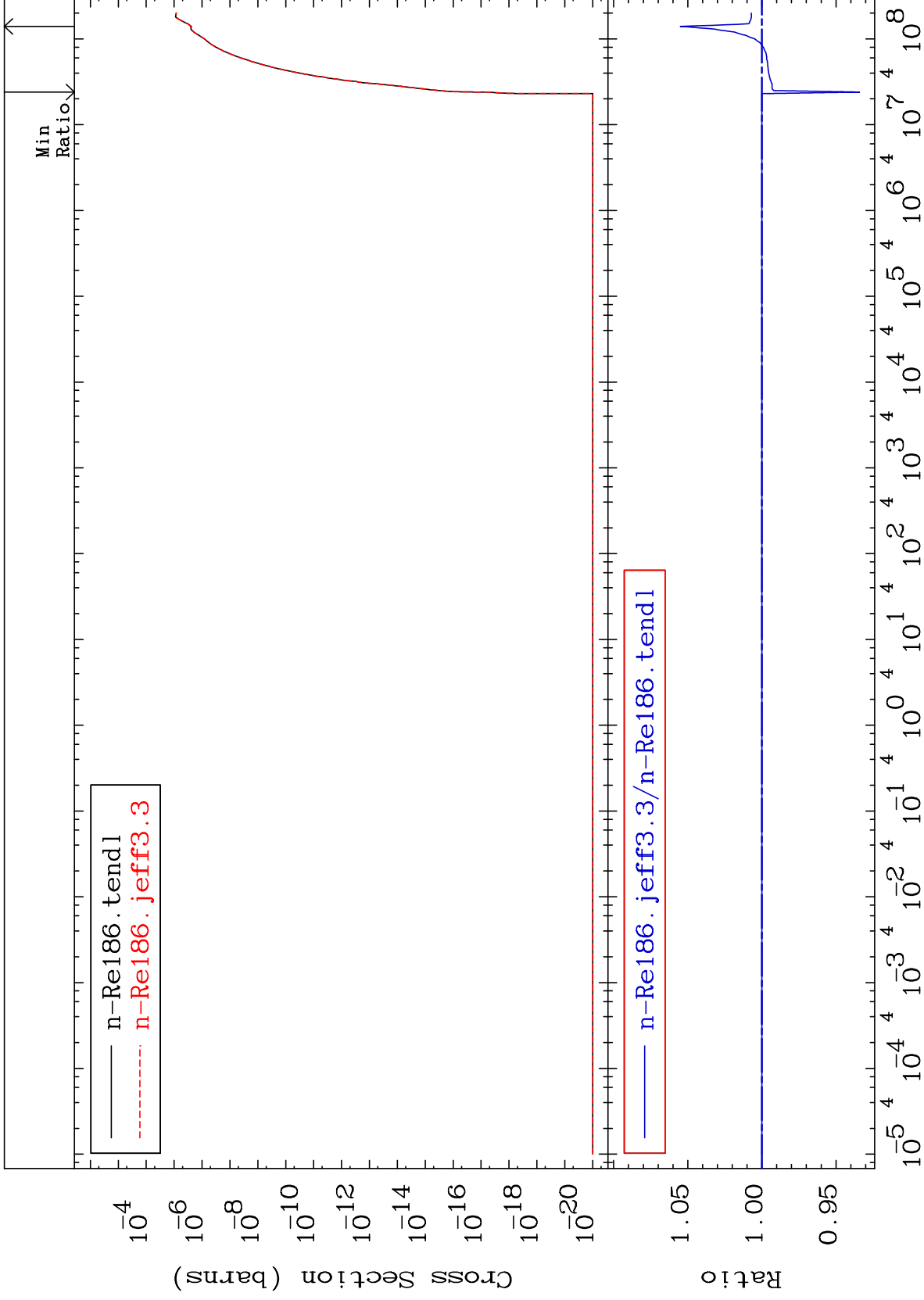
MAT 7528

Fission: Photon

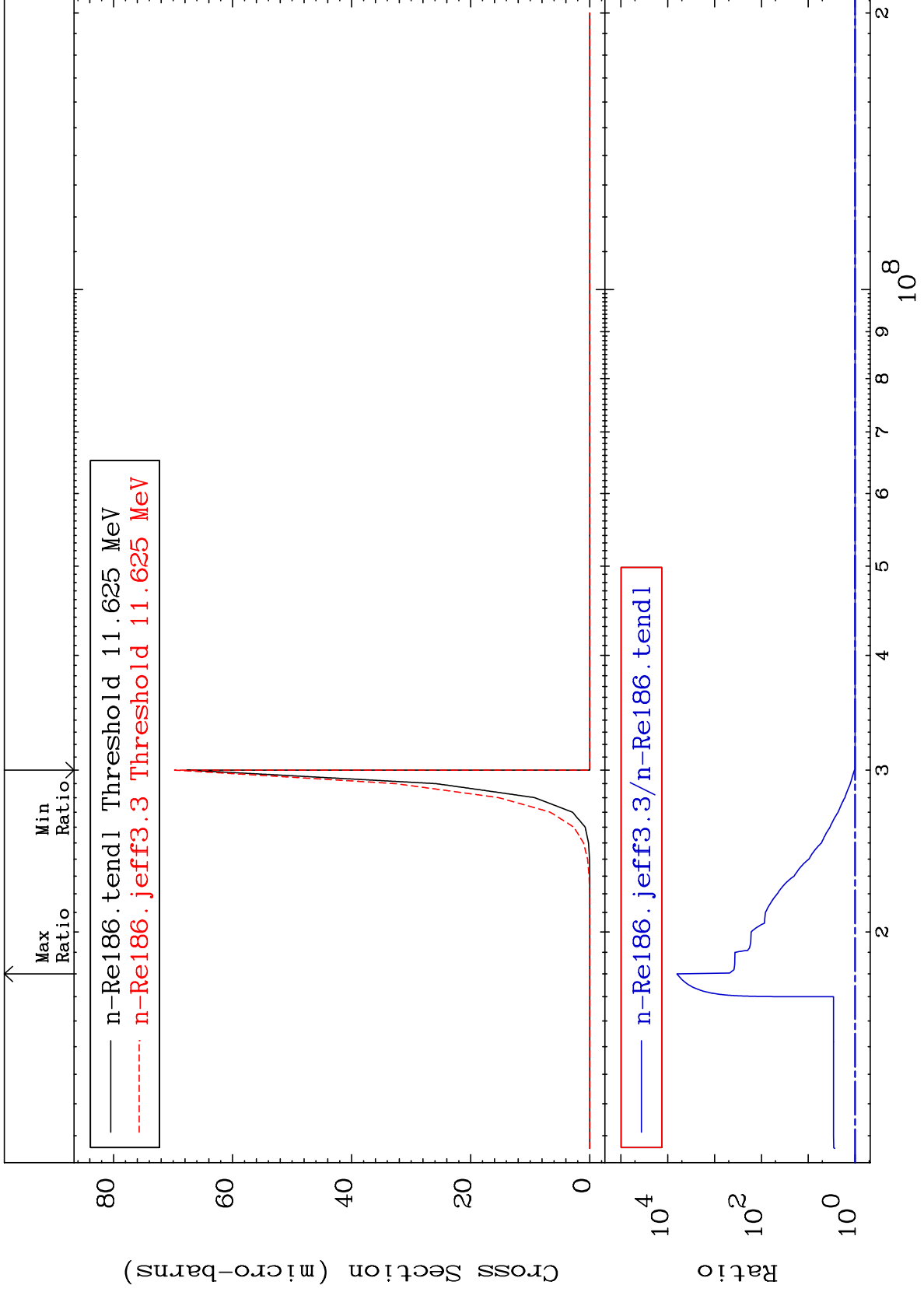
75-Re-186

Radionuclide Production Cross Section

-6.581 To 5.500 %



Radionuclide Production Cross Section 0.000

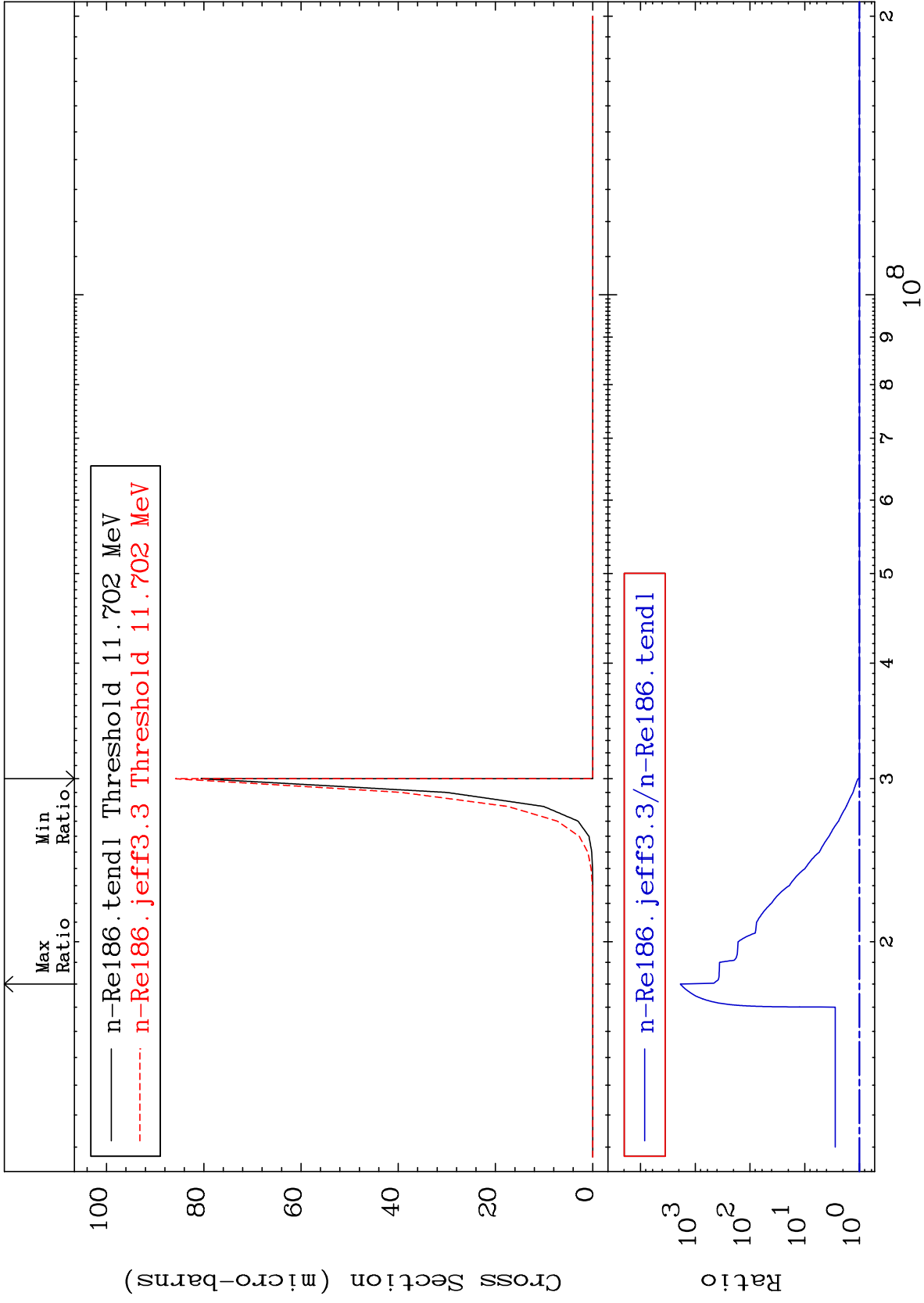


MAT 7528

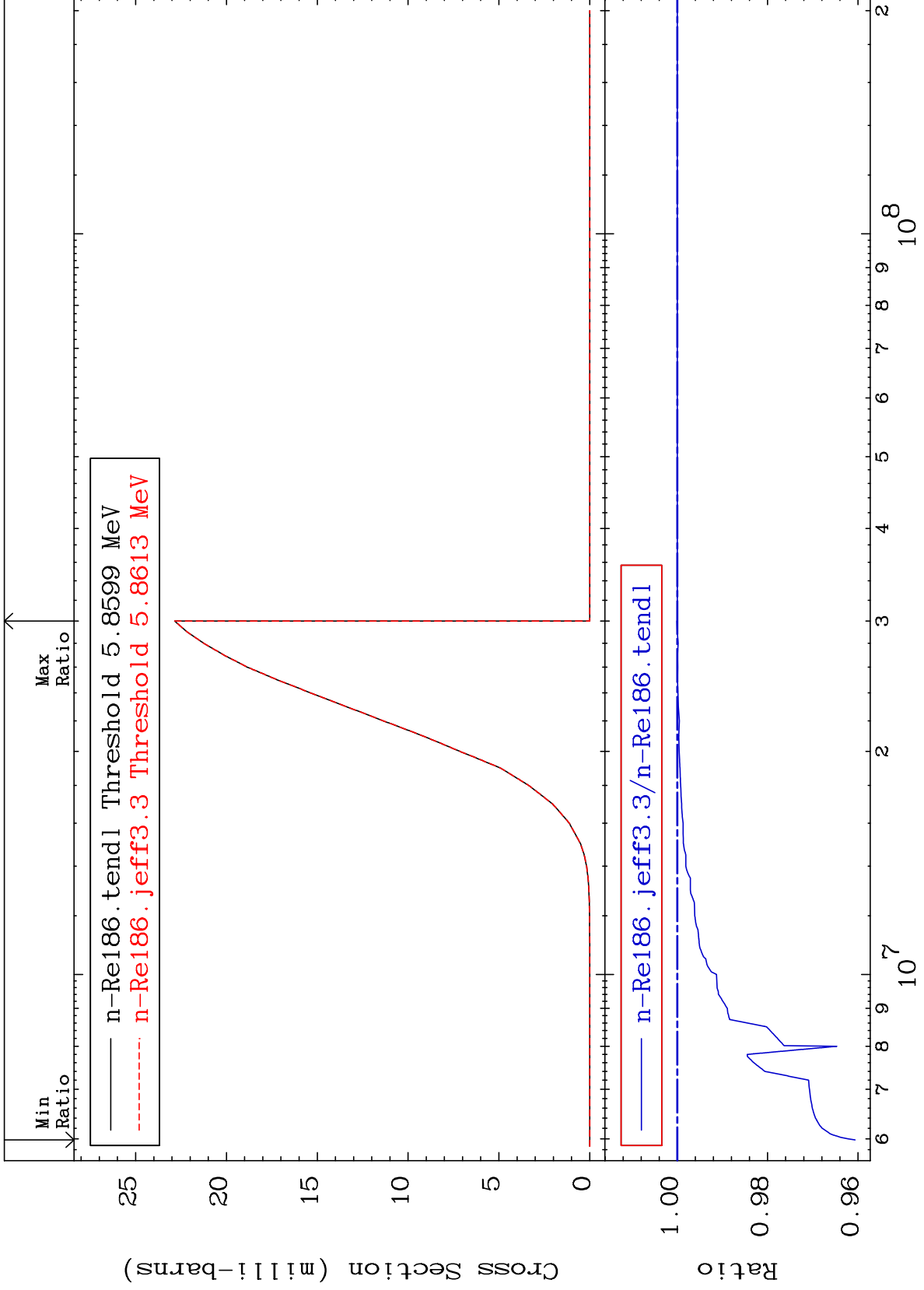
(n, 3n) α : 73-Ta-180m2

75-Re-186

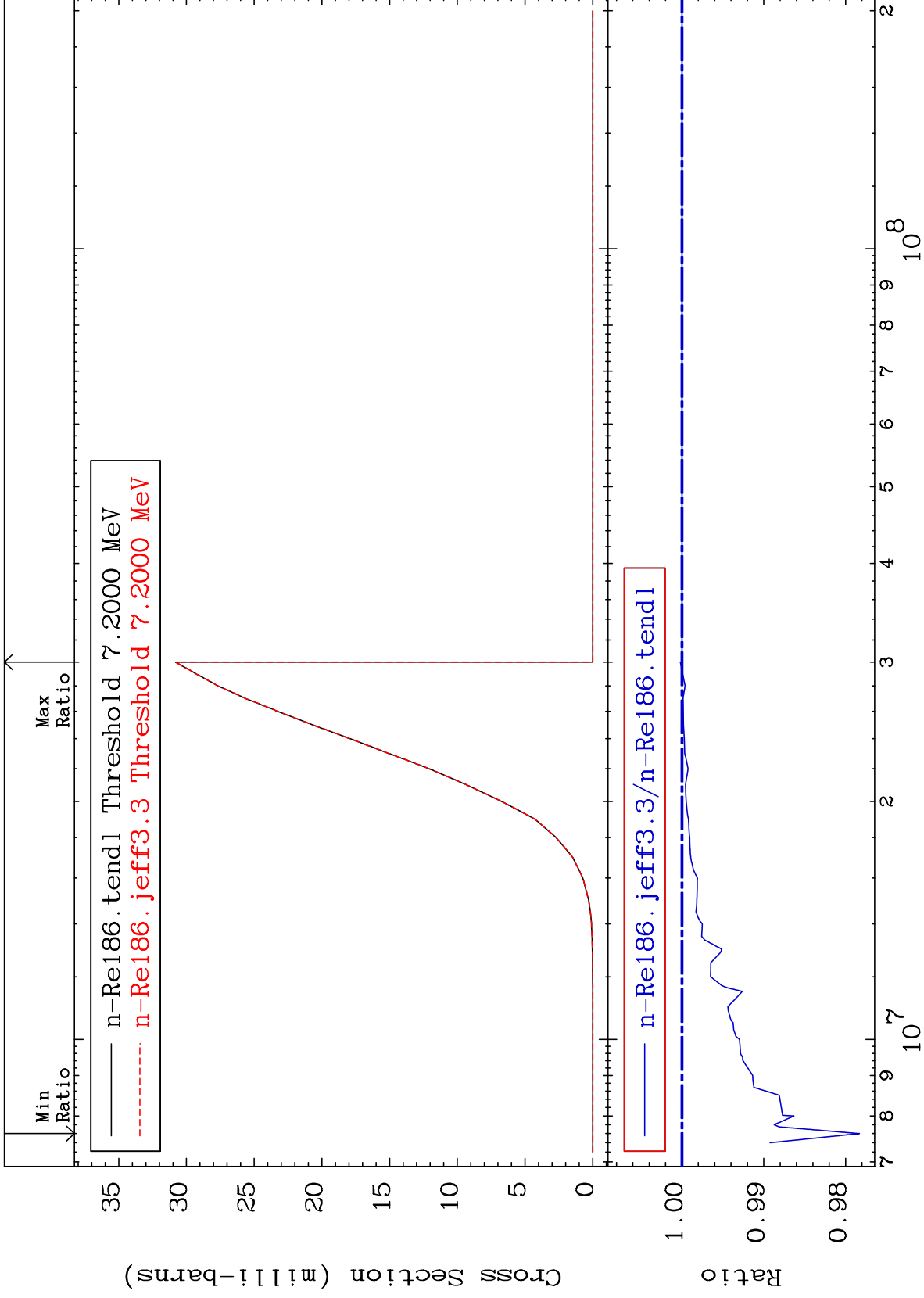
Radionuclide Production Cross Section 0.000 To 9999. %



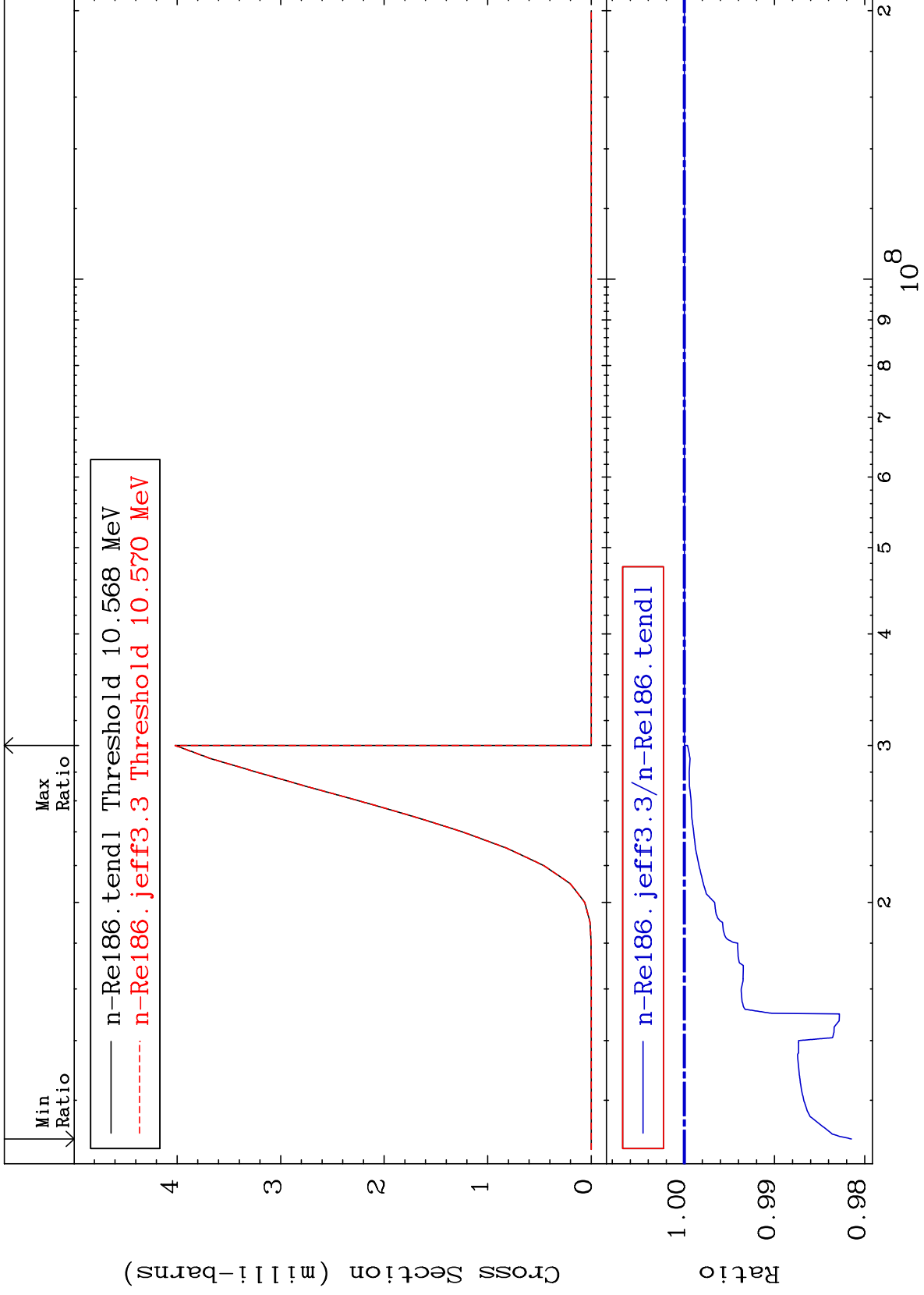
Radionuclide Production Cross Section -3.937 To 0.009 %



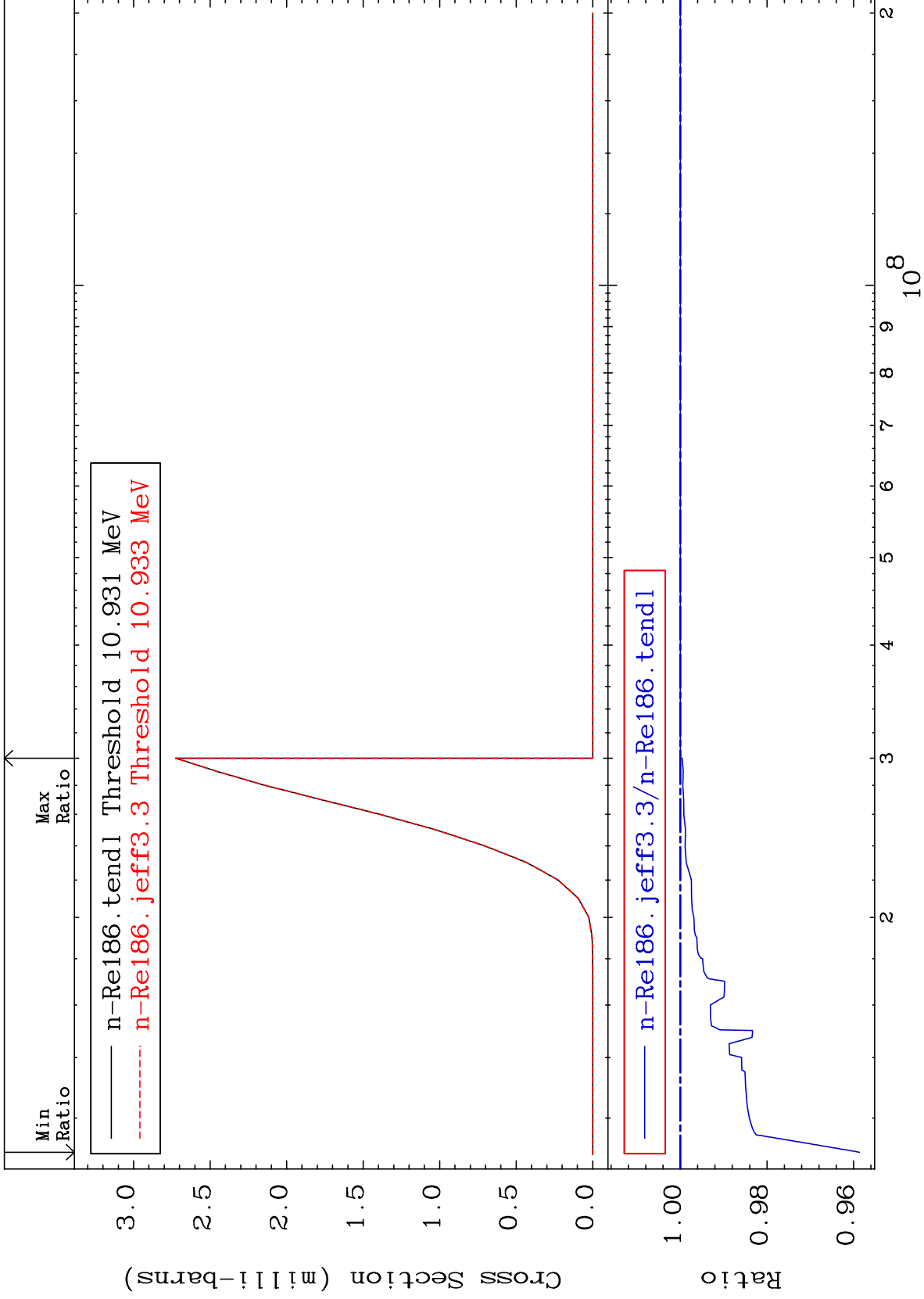
Radionuclide Production Cross Section -2.168 To 0.019 %

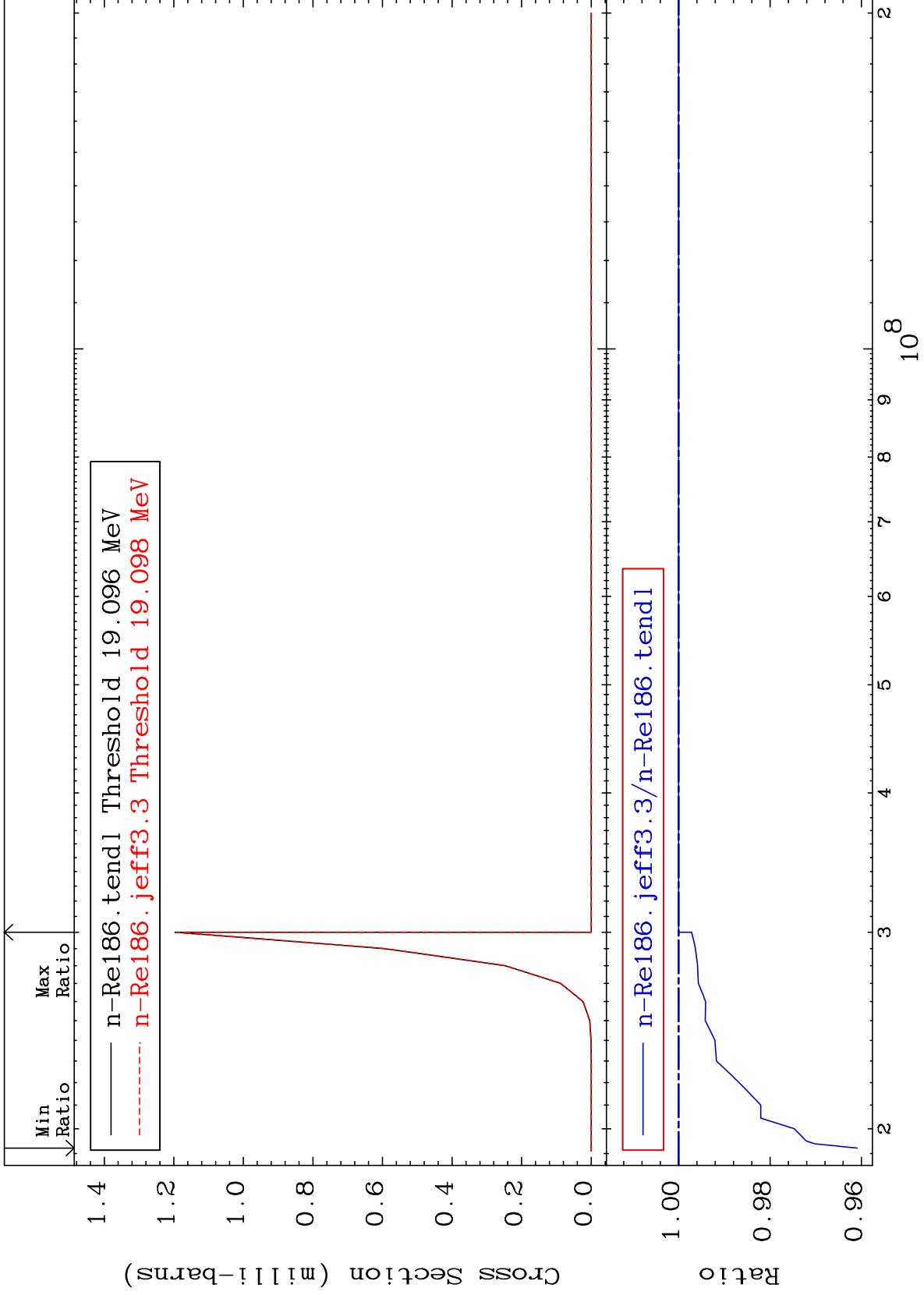


Radionuclide Production Cross Section -1.854 To 0.000 %



Radionuclide Production Cross Section -4.135 To 0.000 %



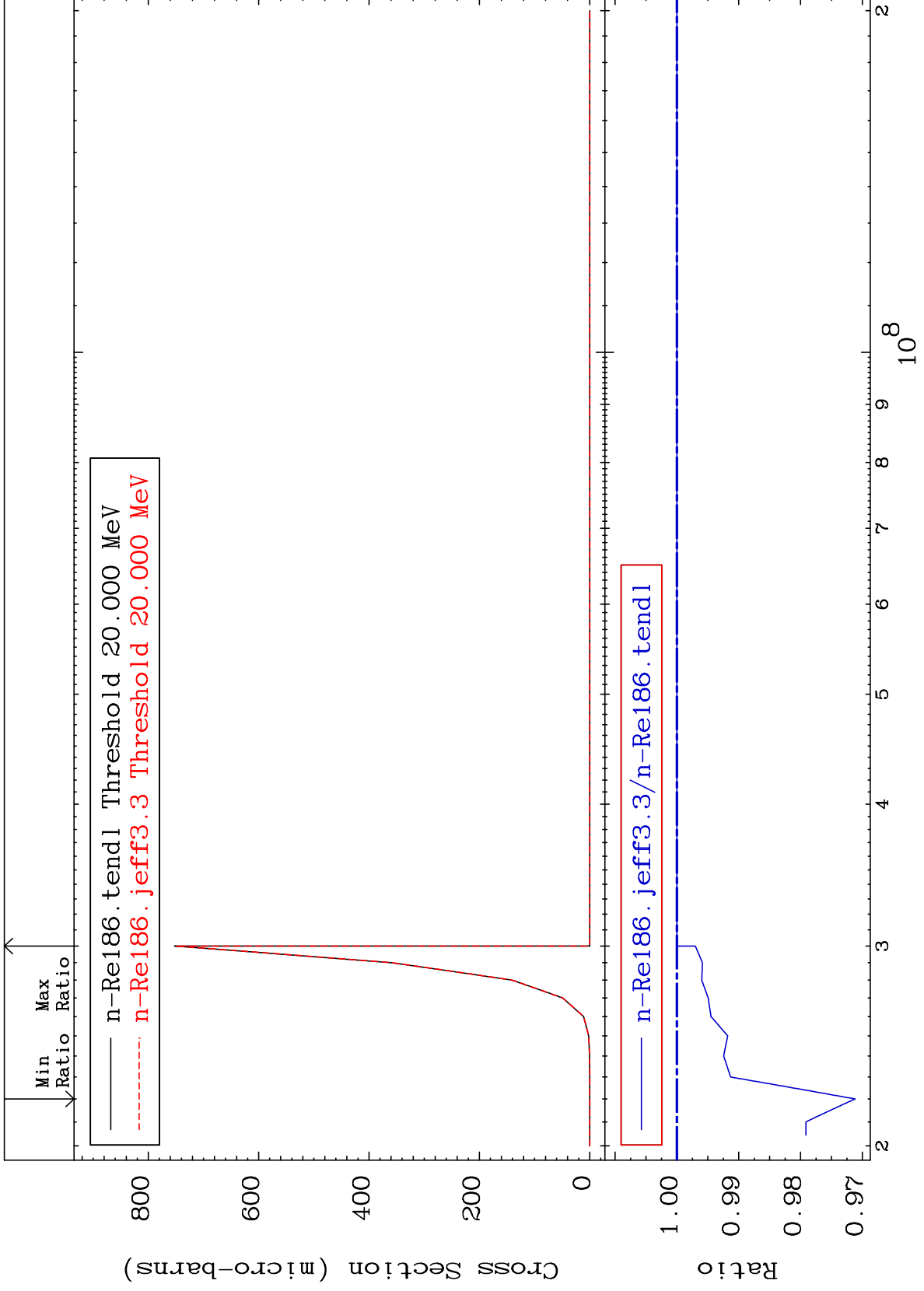


MAT 7528

(n,3n) p:74-W -183m7

75-Re-186

Radionuclide Production Cross Section -2.883 To 0.000 %

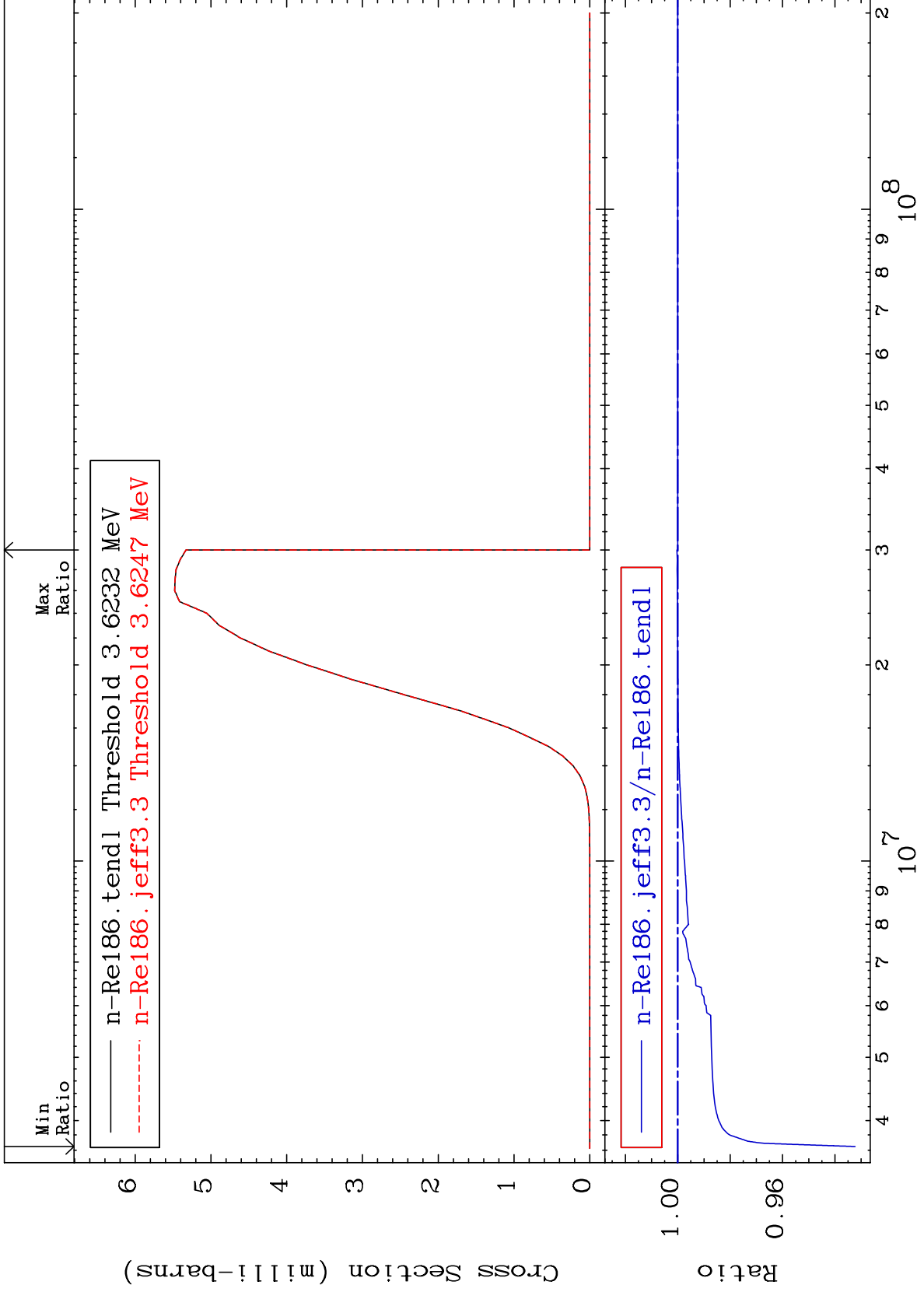


MAT 7528

(n, d) : 74-W -185g

75-Re-186

Radionuclide Production Cross Section -6.768 To 0.032 %

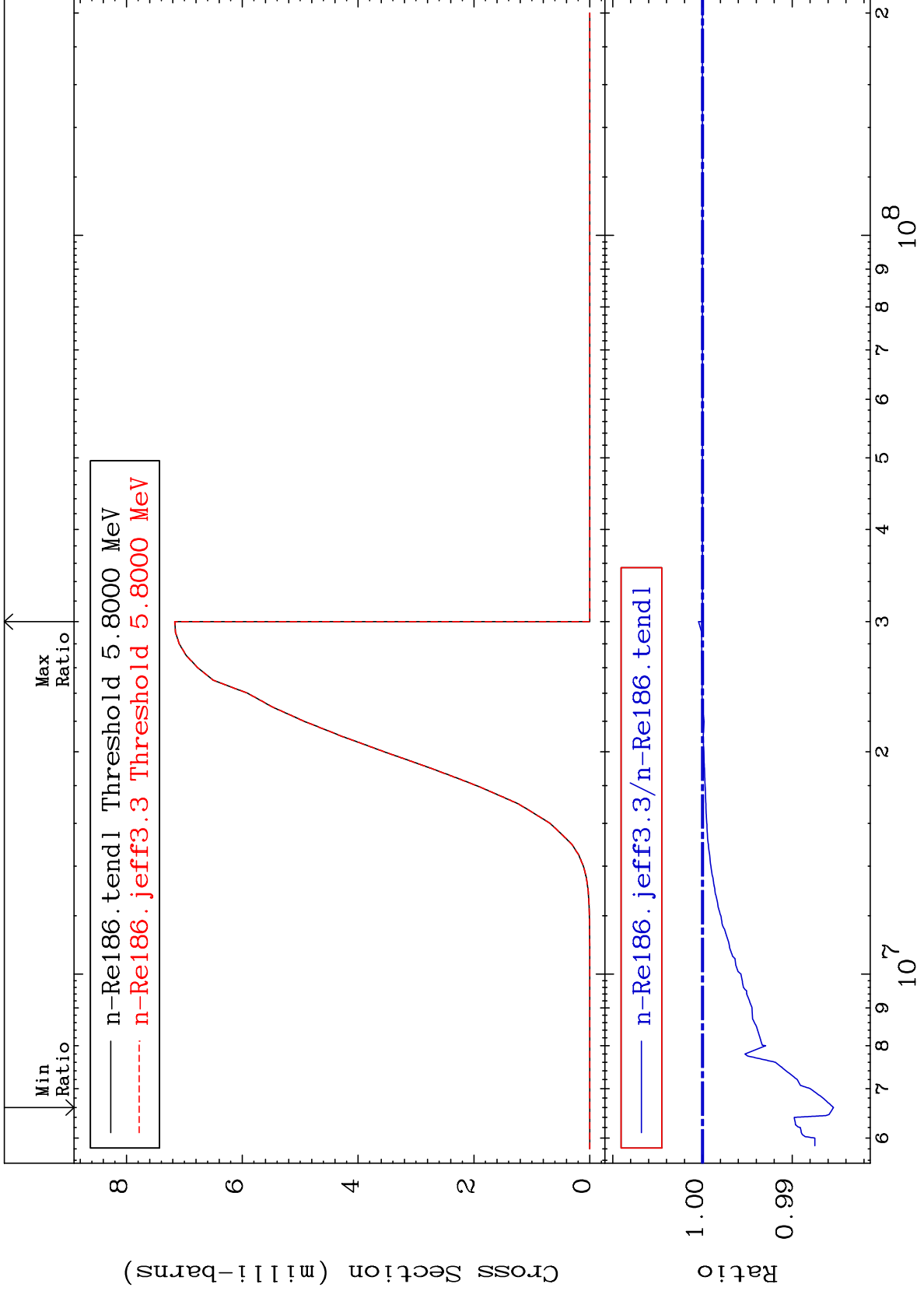


MAT 7528

(n, d): 74-W -185m6

75-Re-186

Radionuclide Production Cross Section -1.460 To 0.044 %



92

Incident Energy (eV)

75-Re-186