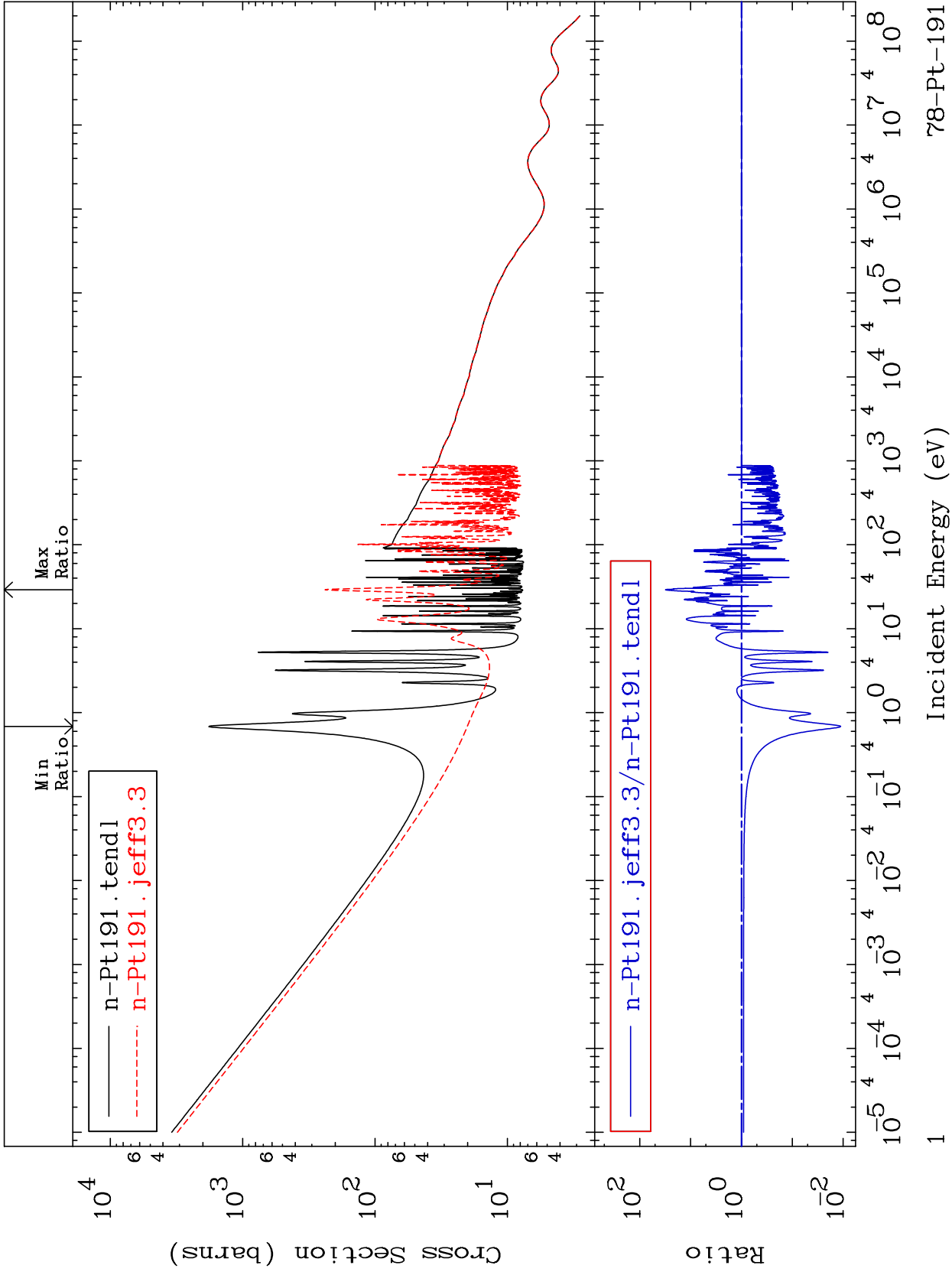


MAT 7828

Total Cross Section
78-Pt-191
-98.89 To 3021. %



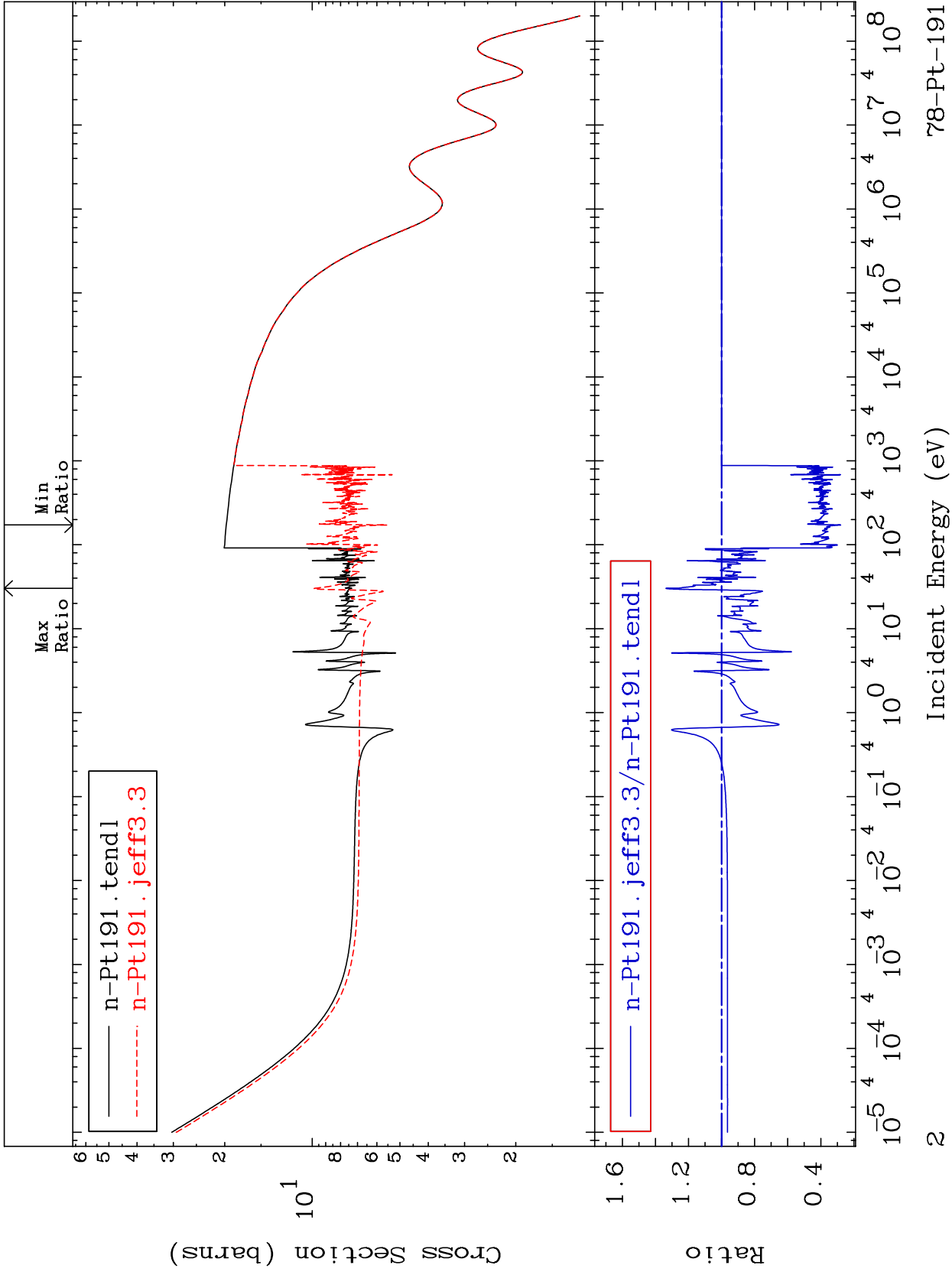
78-Pt-191

Incident Energy (eV)

MAT 7828

Elastic Cross Section

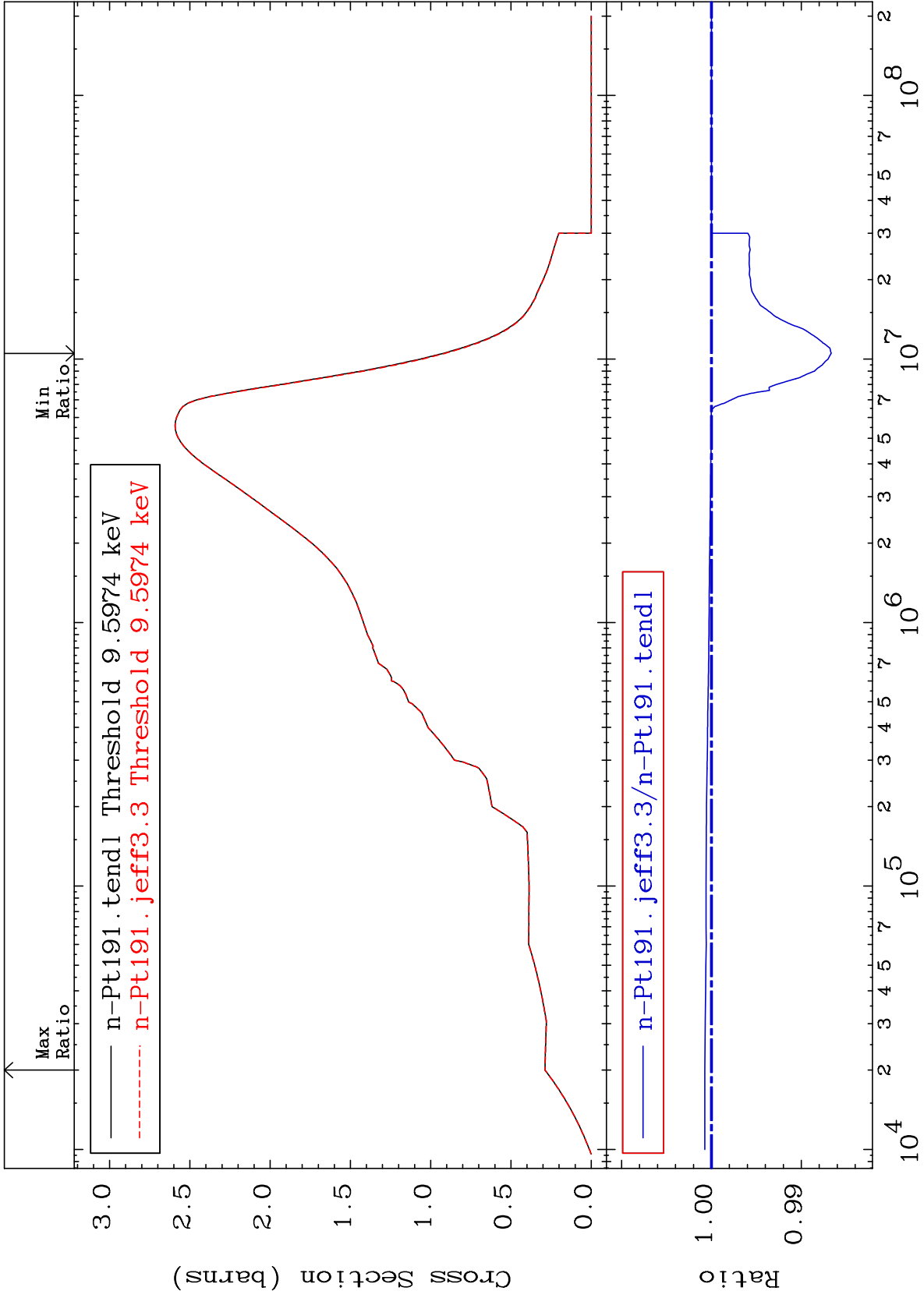
78-Pt-191
-72.03 To 33.93 %



MAT 7828

Inelastic
Cross Section

78-Pt-191
-1.332 To 0.075 %



MAT 7828

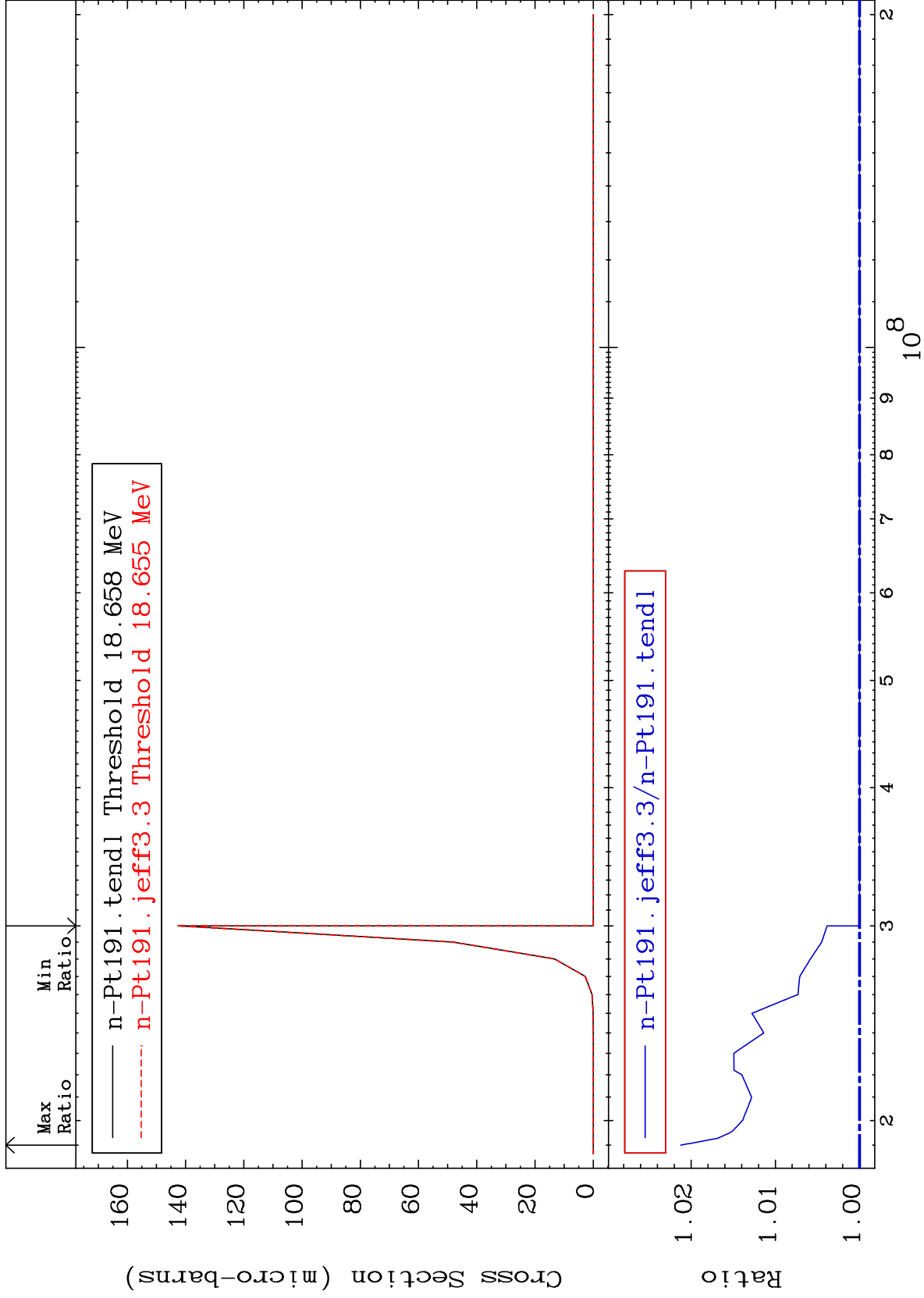
(n,2n) d

78-Pt-191

Cross Section

0.000

To 2.123 %



4

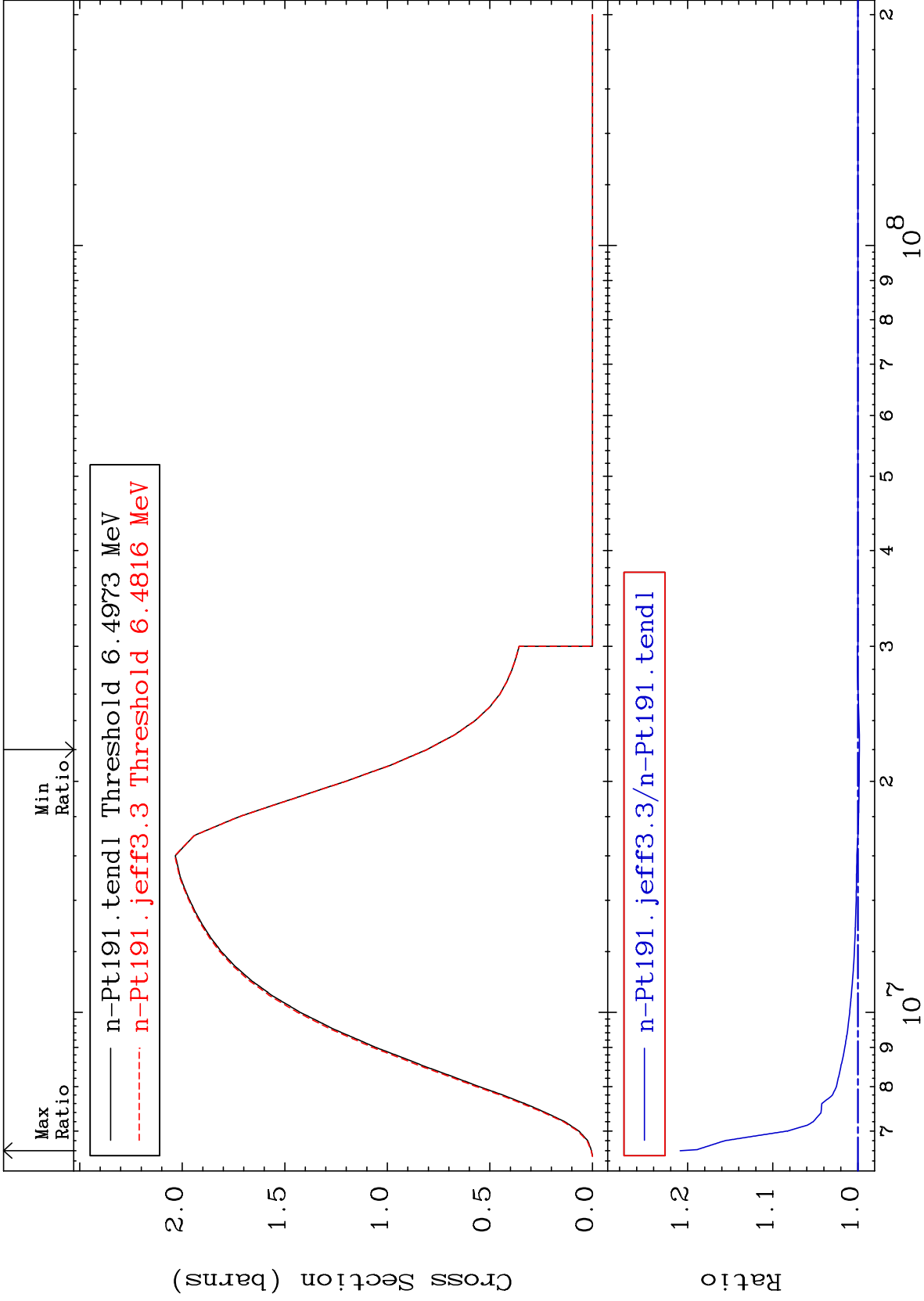
Incident Energy (eV)

78-Pt-191

MAT 7828

(n,2n)
Cross Section

78-Pt-191
-0.174 To 20.89 %



MAT 7828

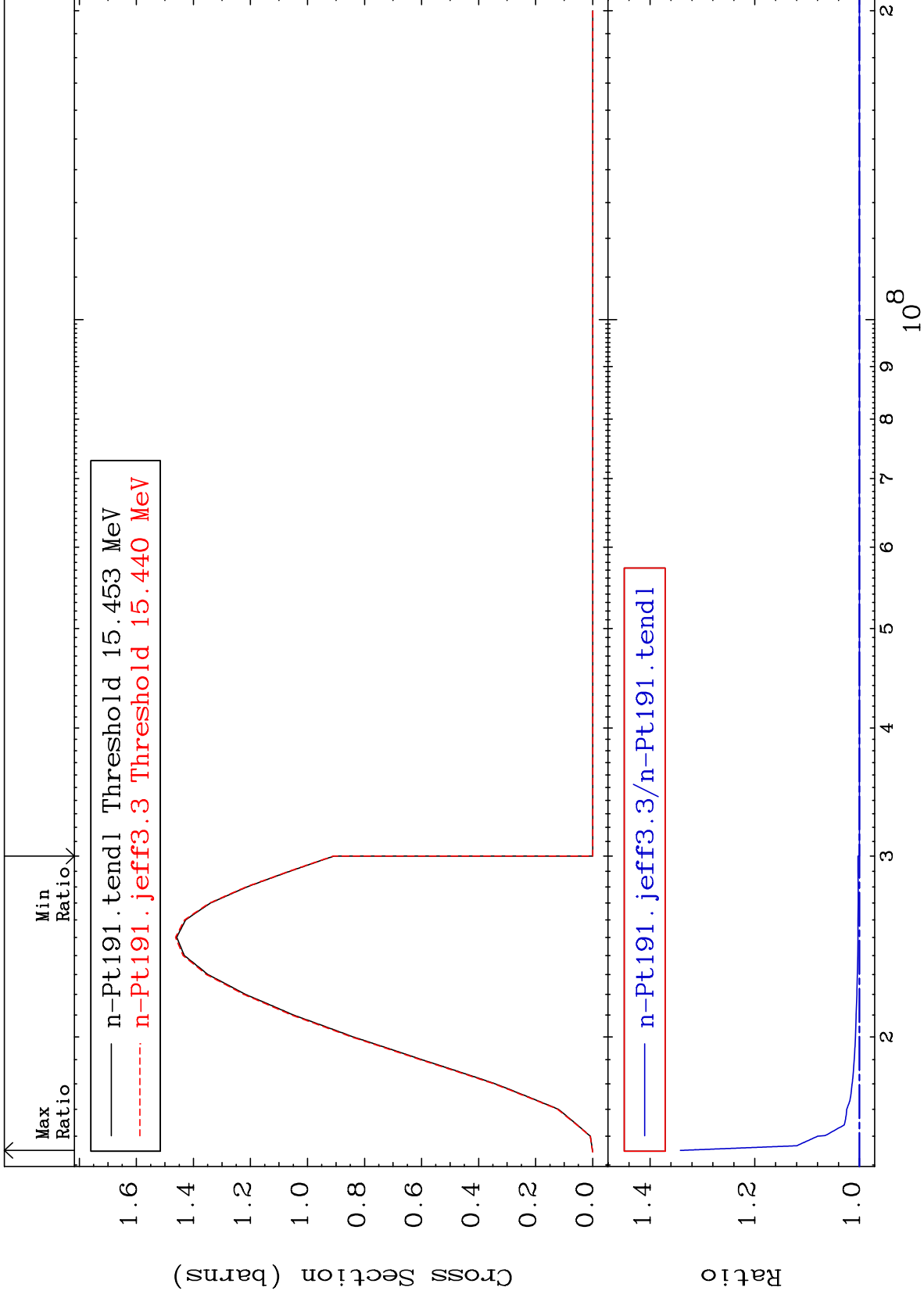
(n,3n)

78-Pt-191

Cross Section

0.000

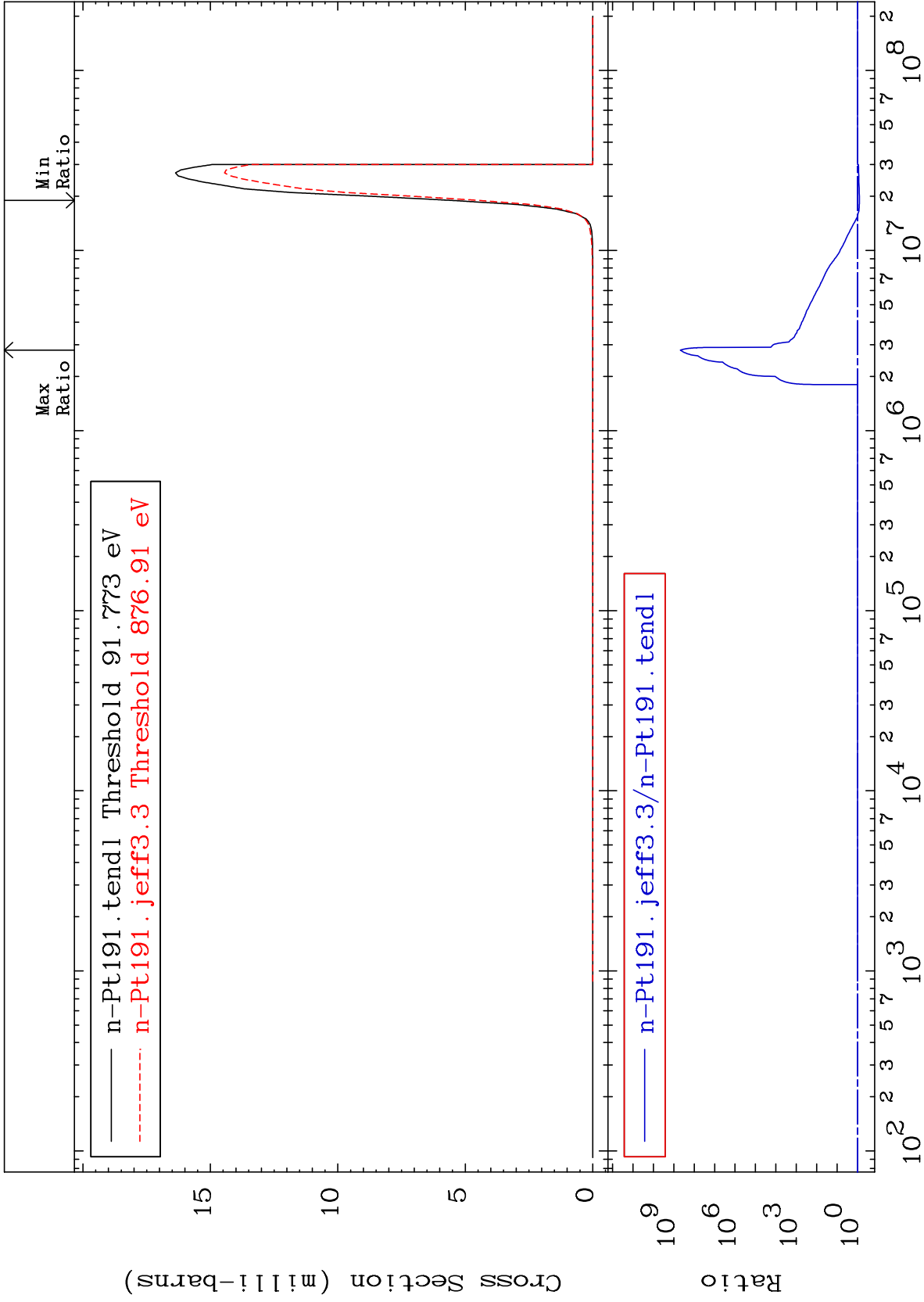
To 34.21 %



MAT 7828

(n, n') α
Cross Section

78-Pt-191
-19.40 To 9999. %



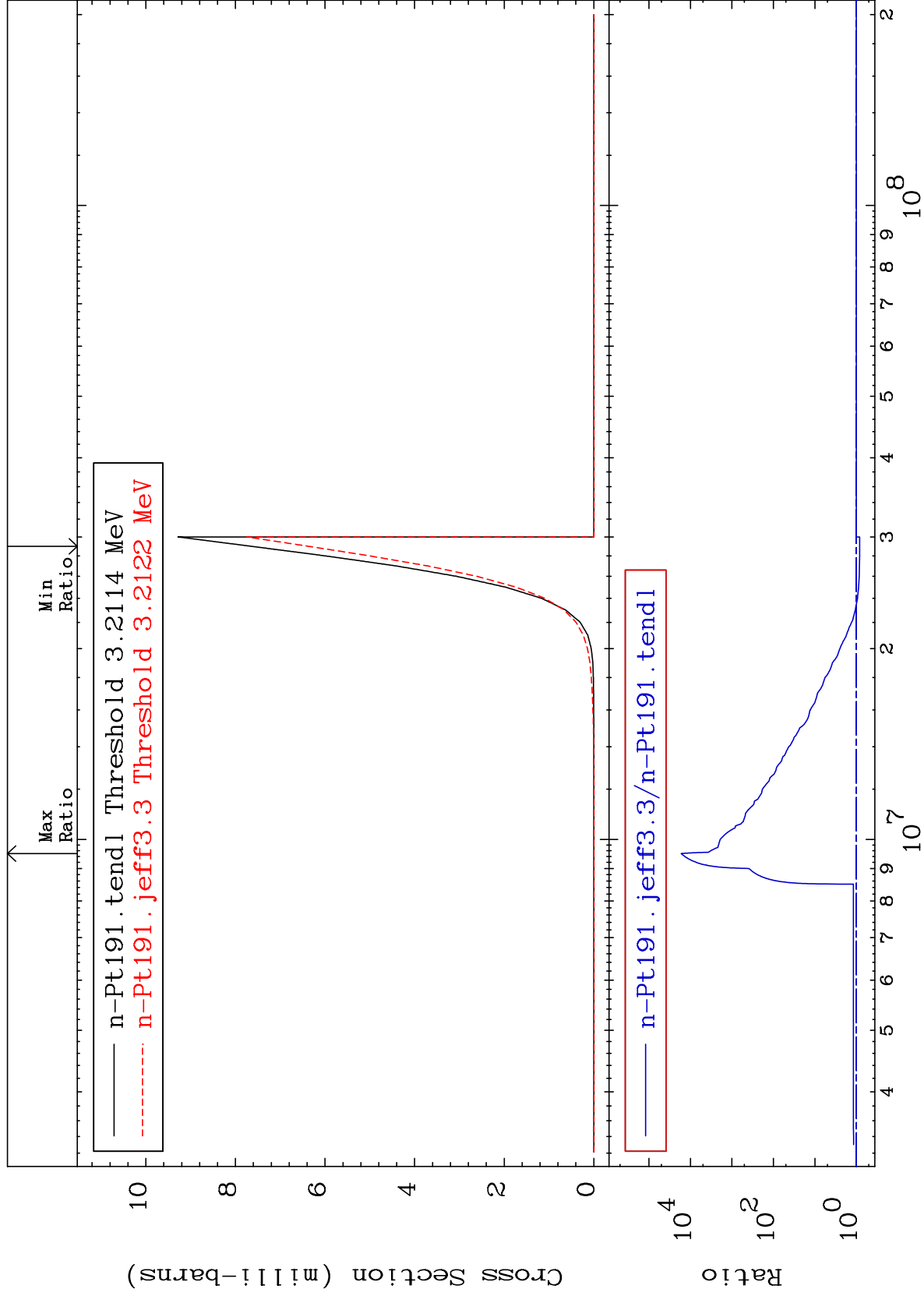
7

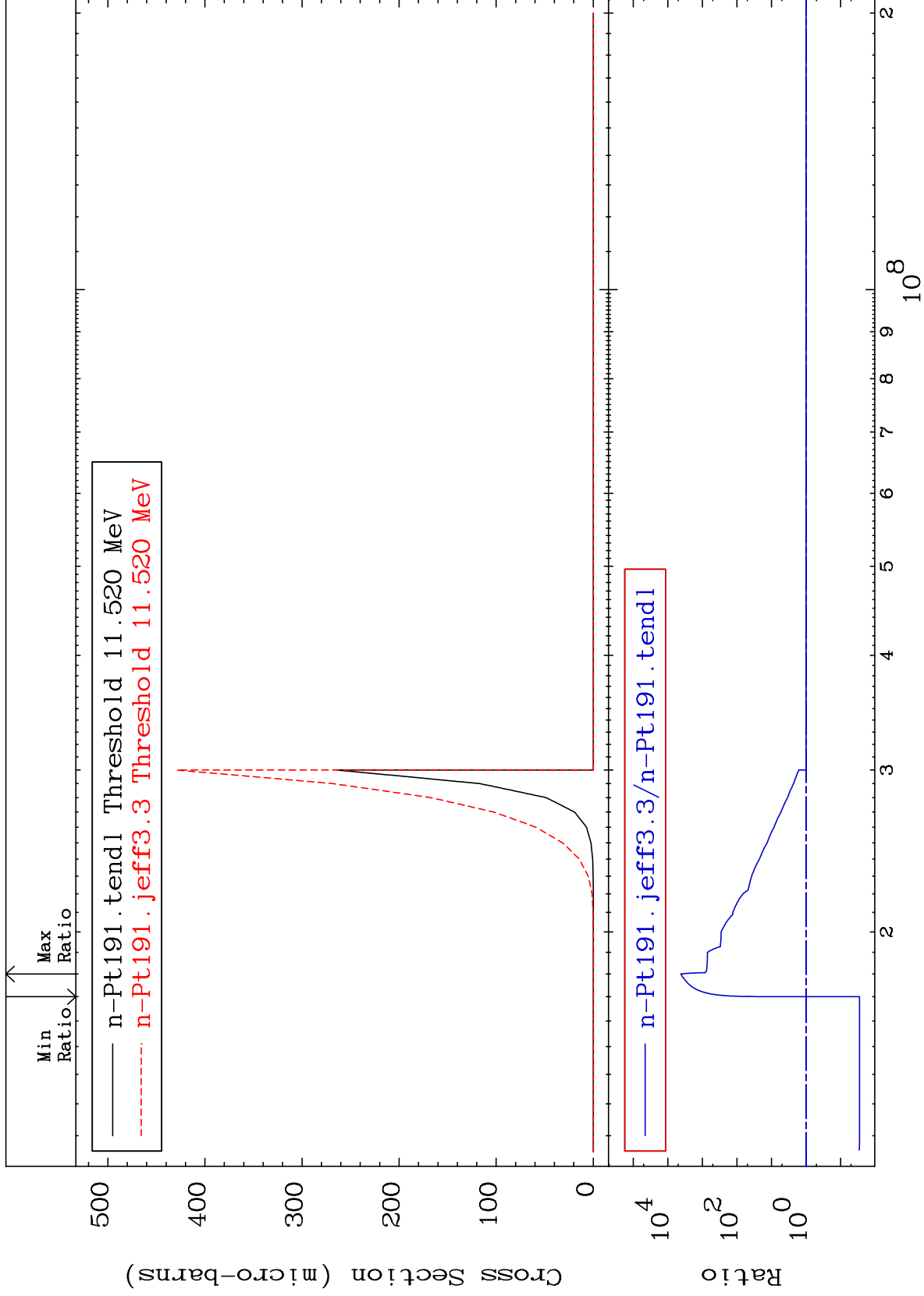
Incident Energy (eV)

78-Pt-191

MAT 7828

(n,2n) α Cross Section
78-Pt-191
-16.71 To 9999. %

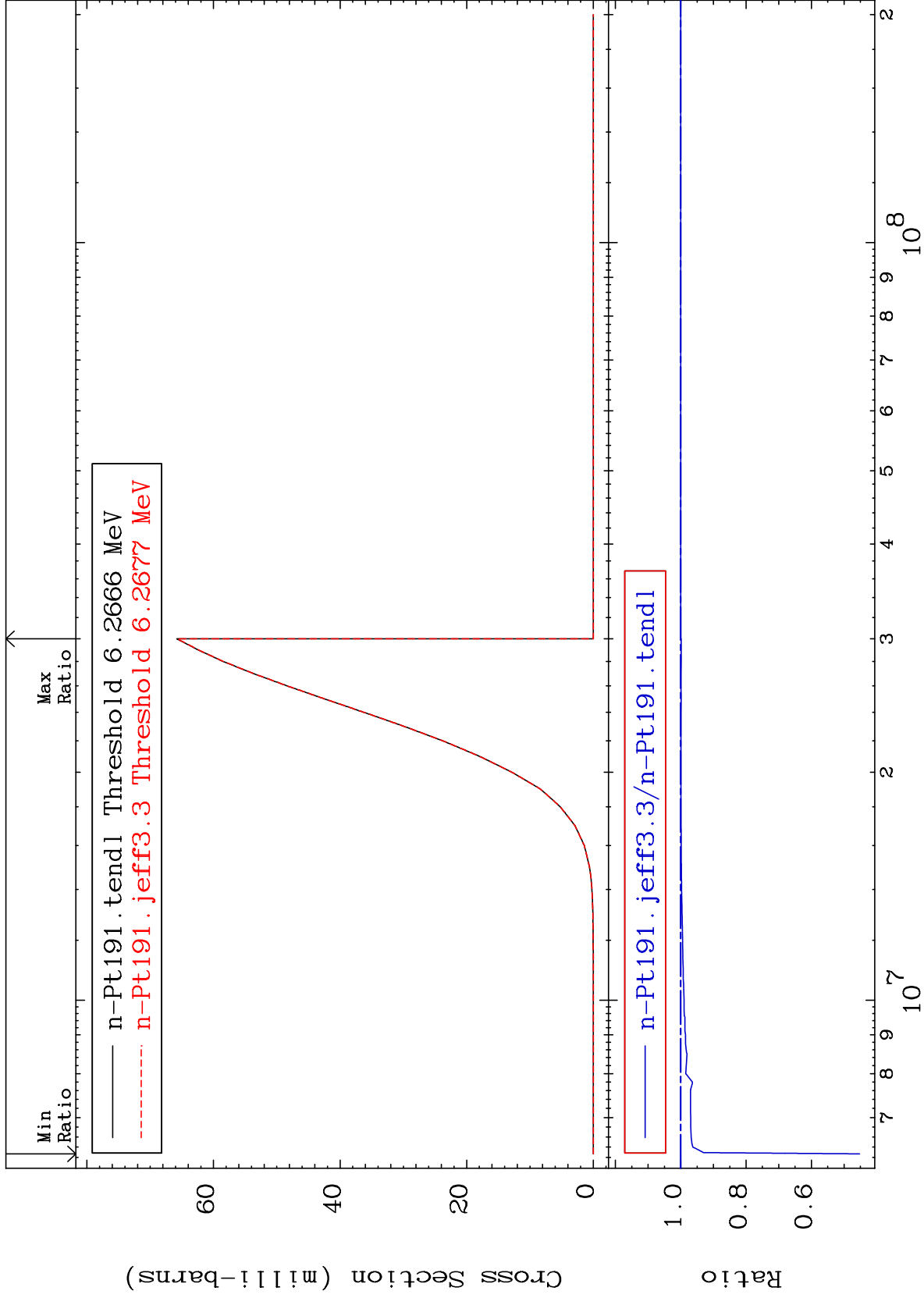




MAT 7828

(n,n') p
Cross Section

78-Pt-191
-54.75 To 0.000 %



10

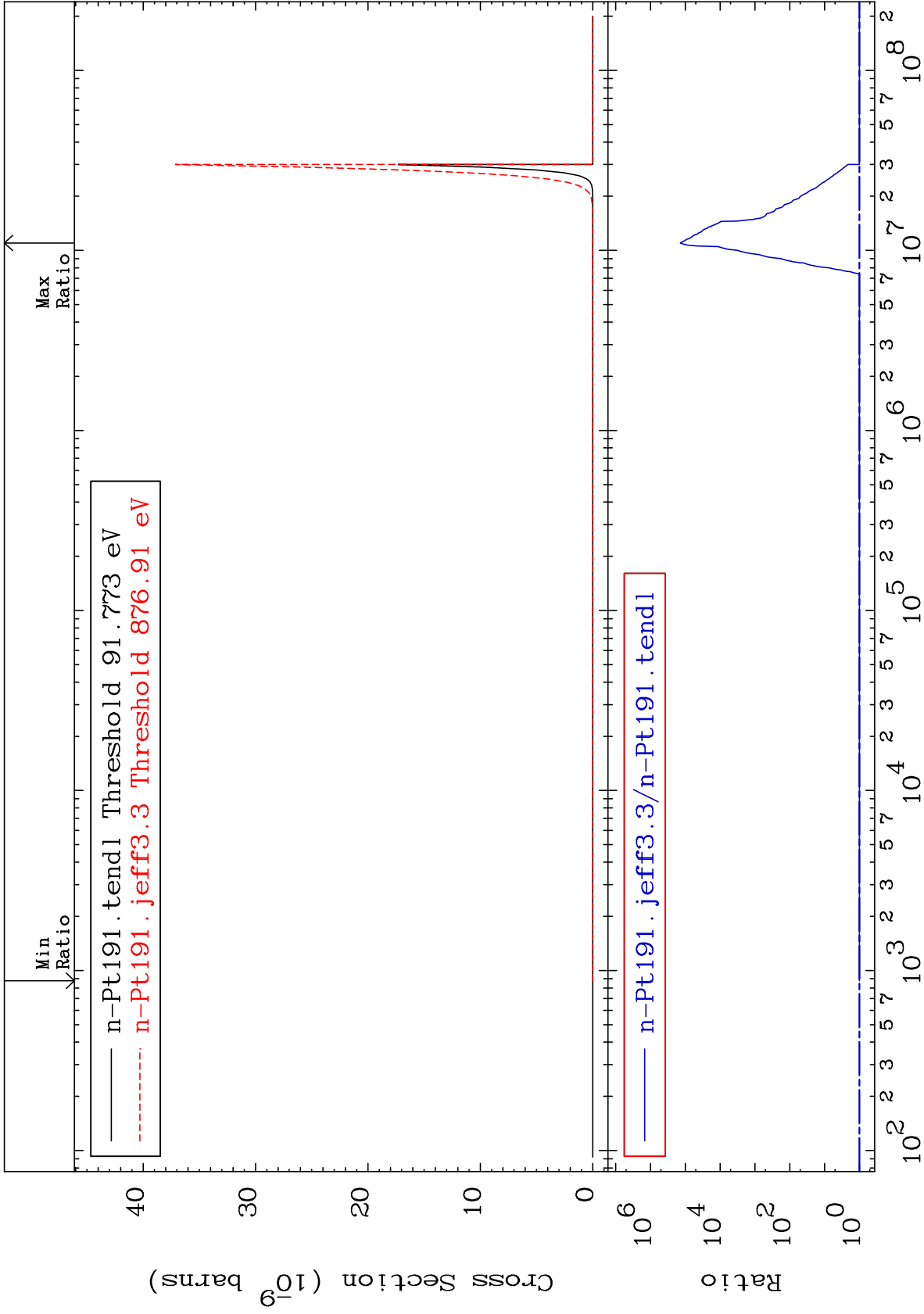
Incident Energy (eV)

78-Pt-191

MAT 7828

(n, n') 2α
Cross Section

78-Pt-191
To 9999. %



MAT 7828

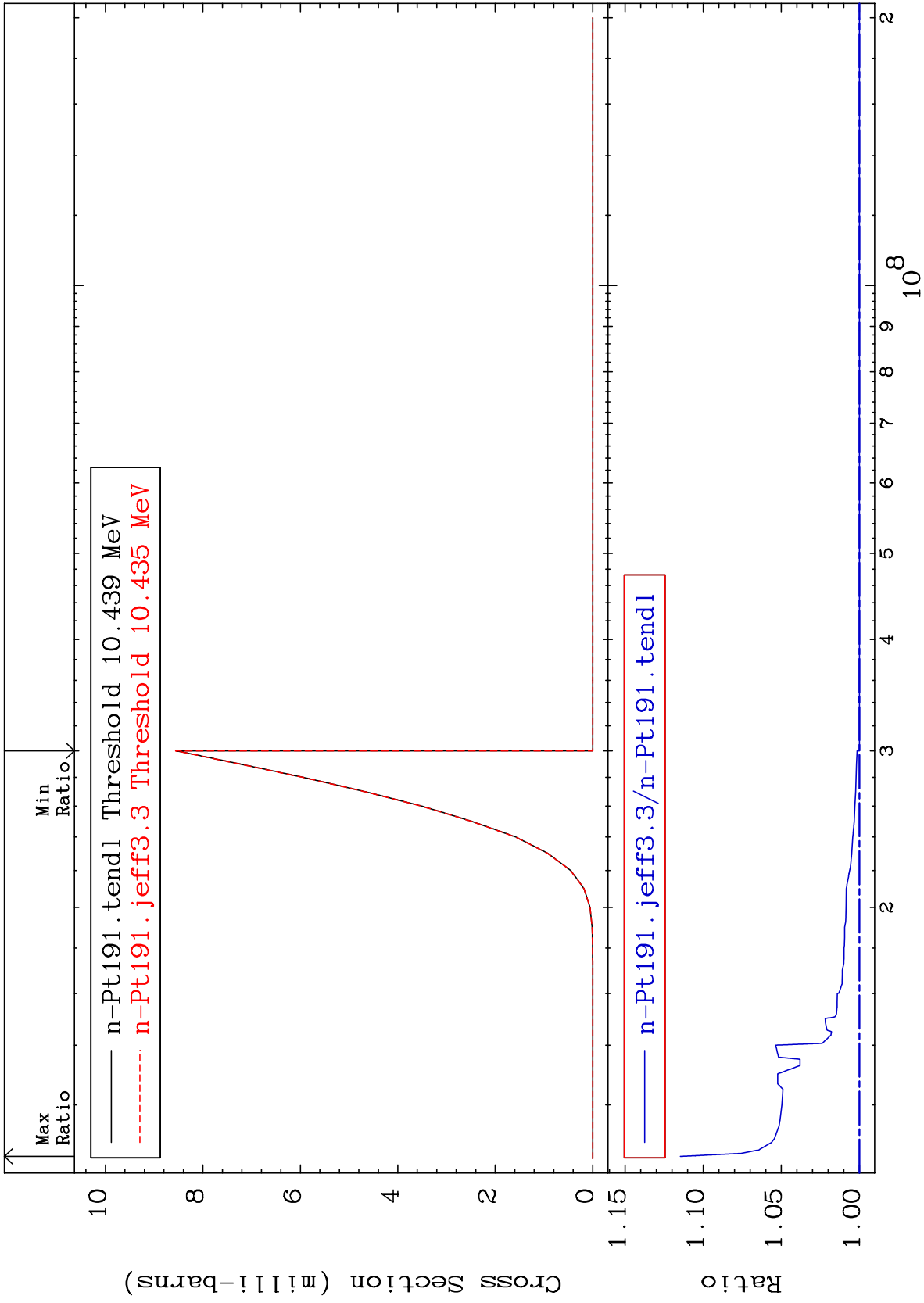
(n,n') d

78-Pt-191

Cross Section

0.000

To 11.46 %



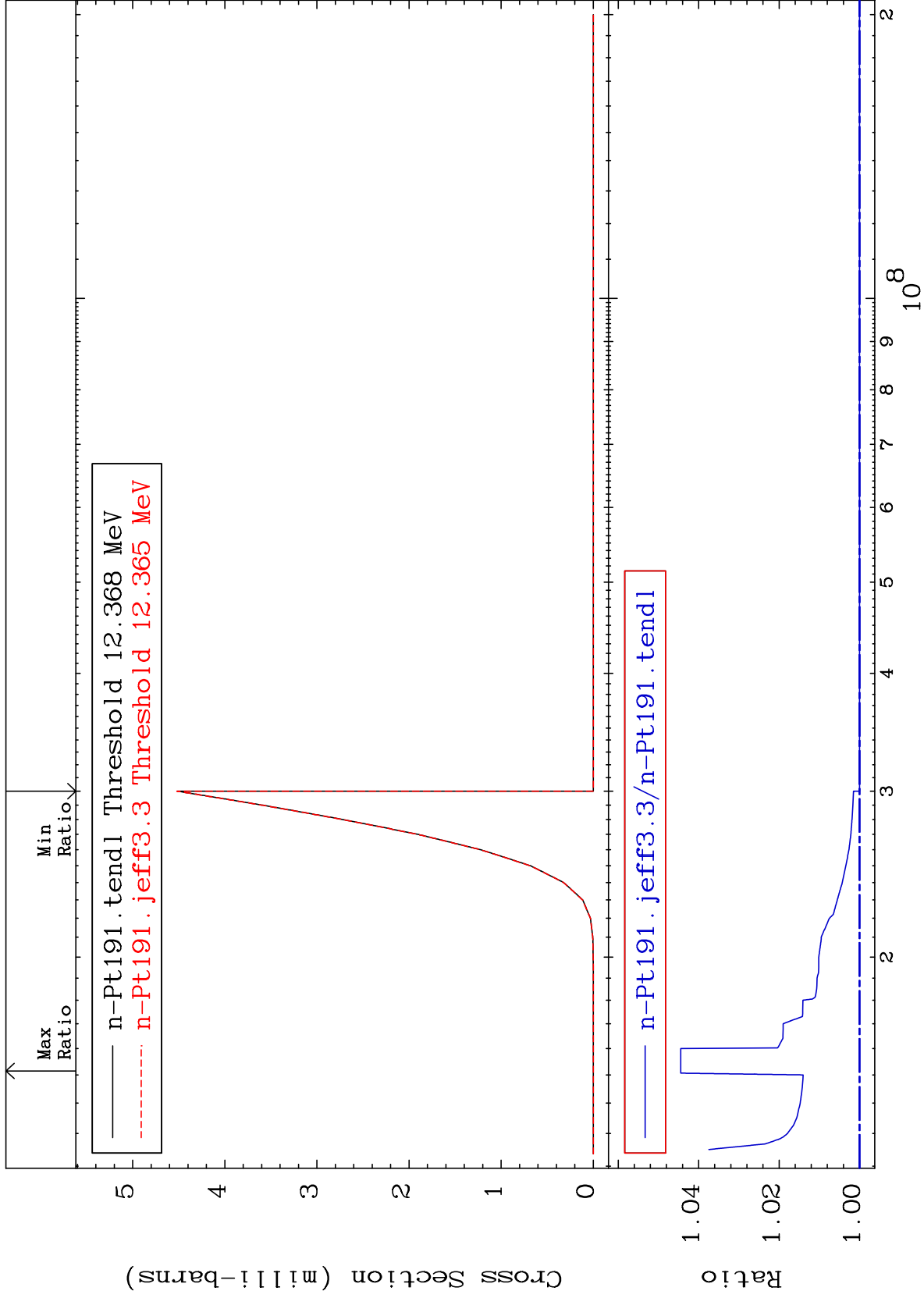
MAT 7828

(n,n') t

78-Pt-191

Cross Section

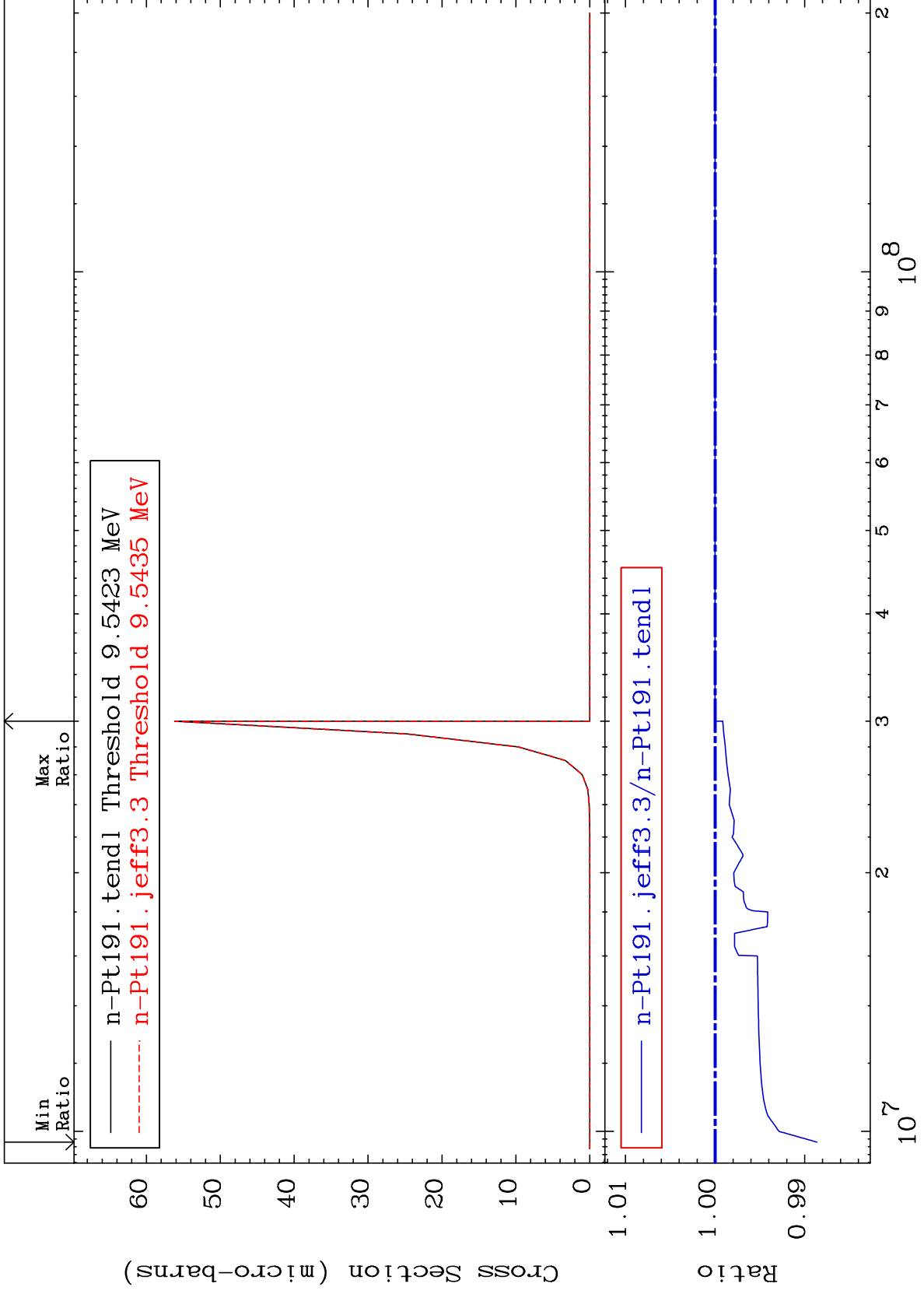
0.000 To 4.444 %



MAT 7828

(n, n') He-3
Cross Section

78-Pt-191
-1.136 To 0.000 %



14

Incident Energy (eV)

78-Pt-191

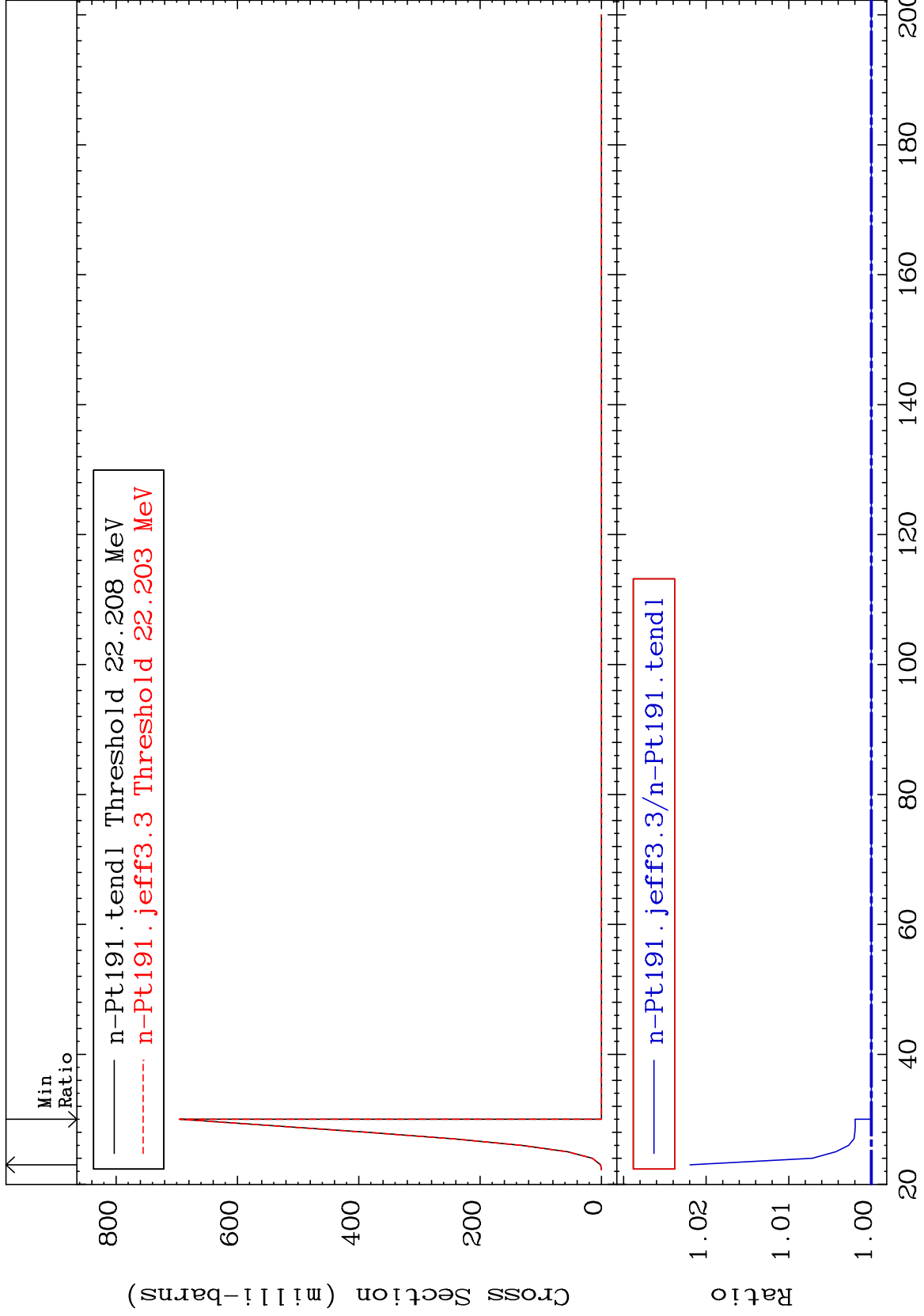
MAT 7828

(n,4n)

78-Pt-191

Cross Section

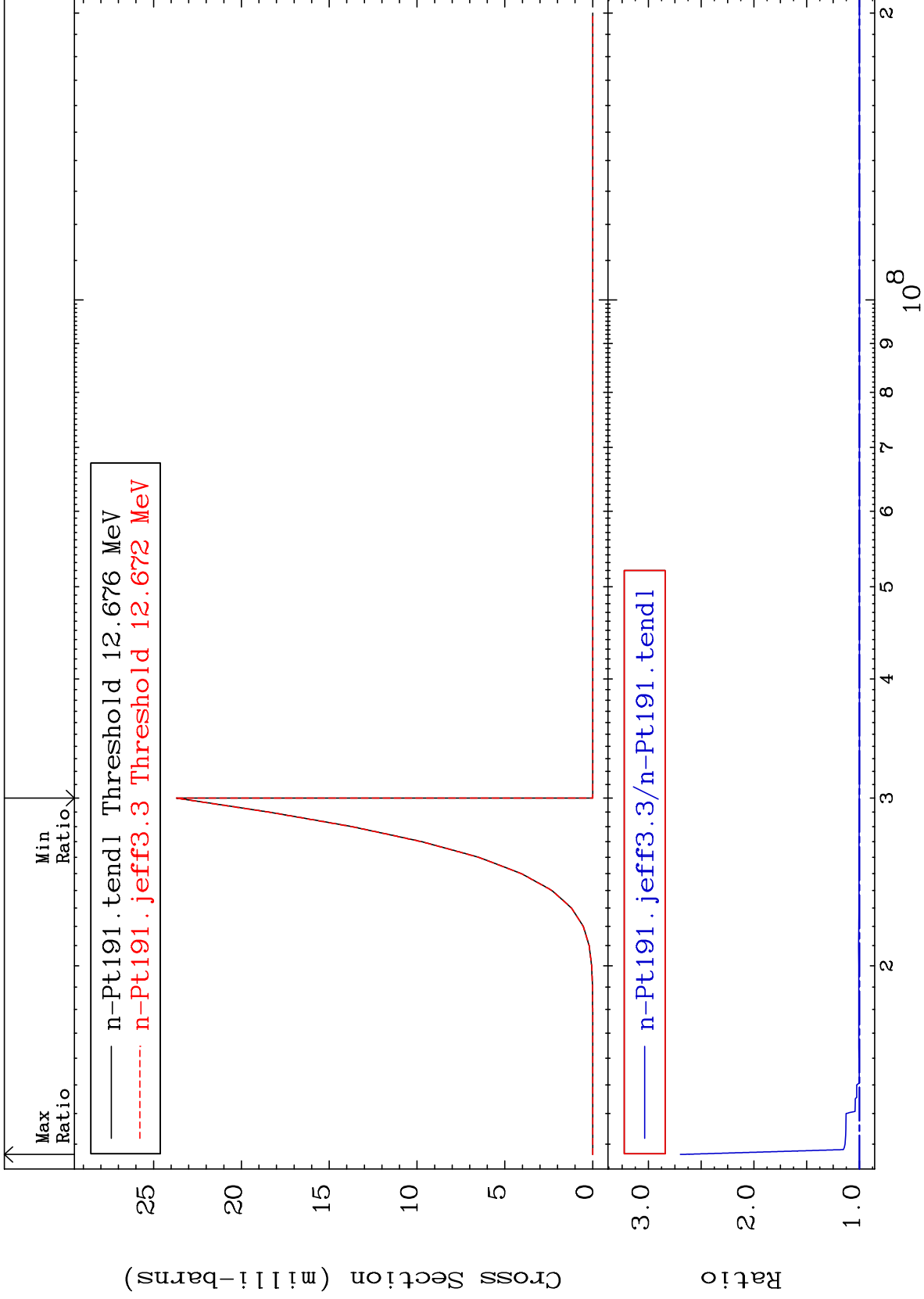
0.000 To 2.194 %



MAT 7828

(n,2n) p
Cross Section

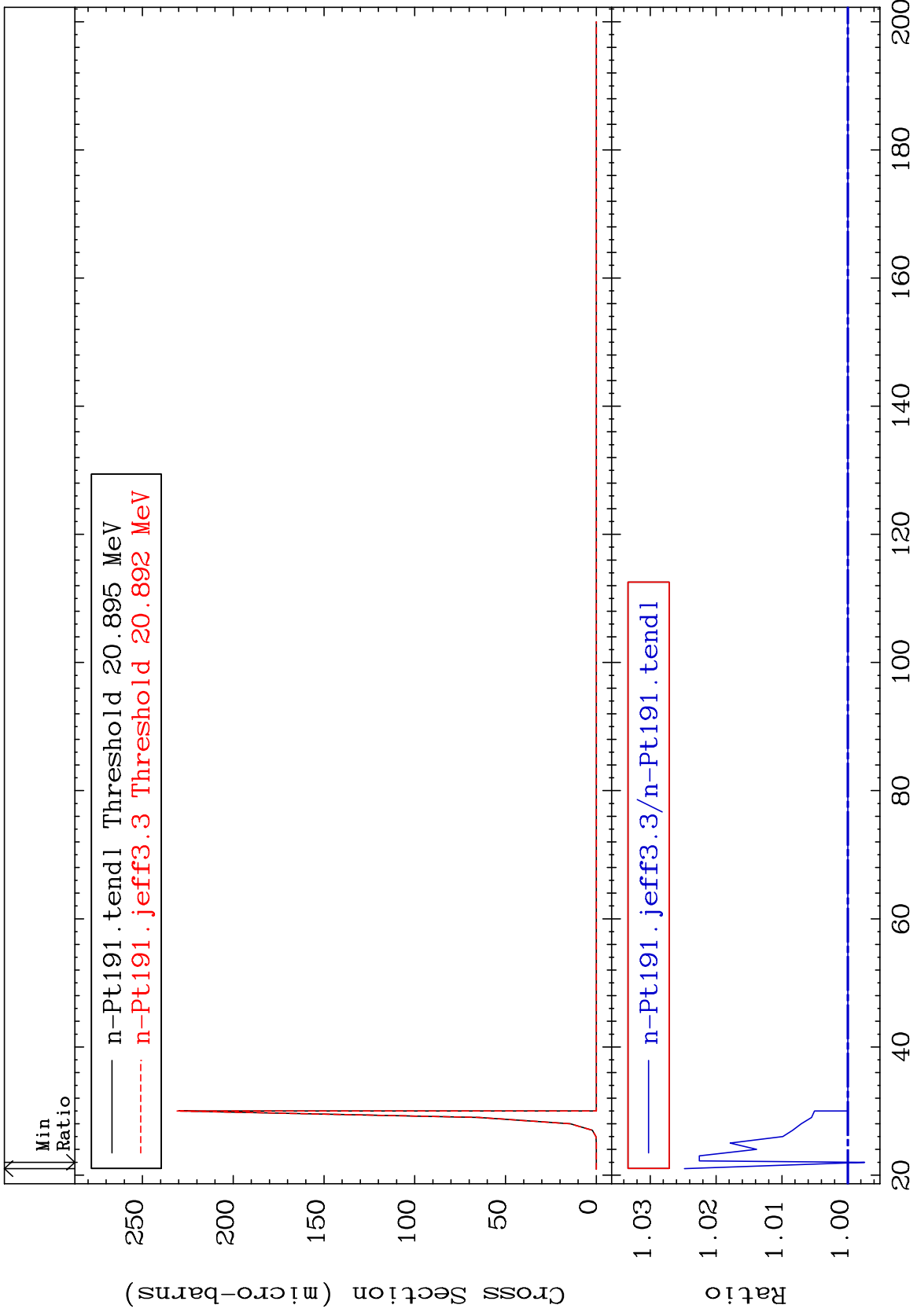
78-Pt-191
0.000 To 169.7 %

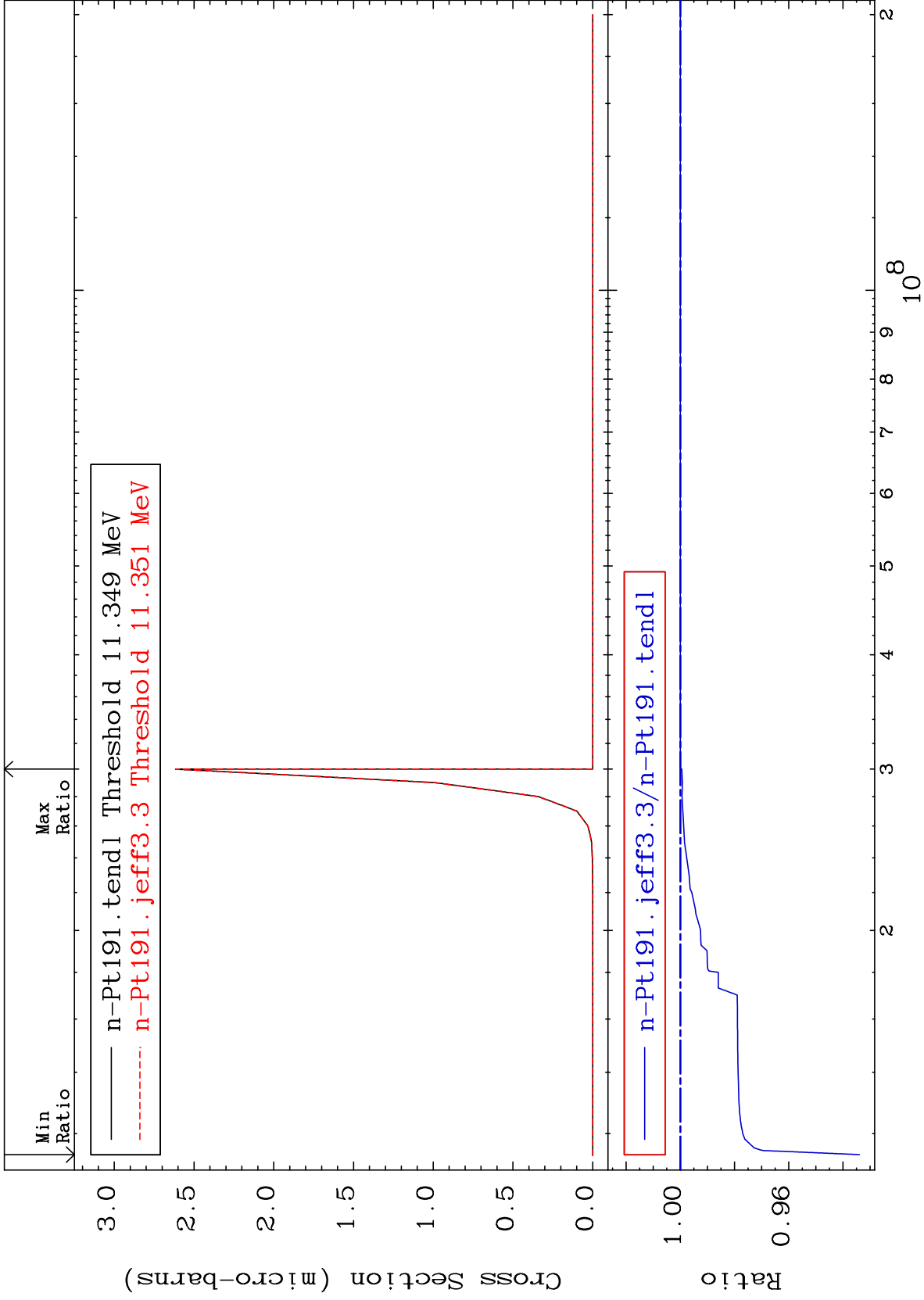


MAT 7828

(n,3n) p
Cross Section

78-Pt-191
-0.256 To 2.479 %



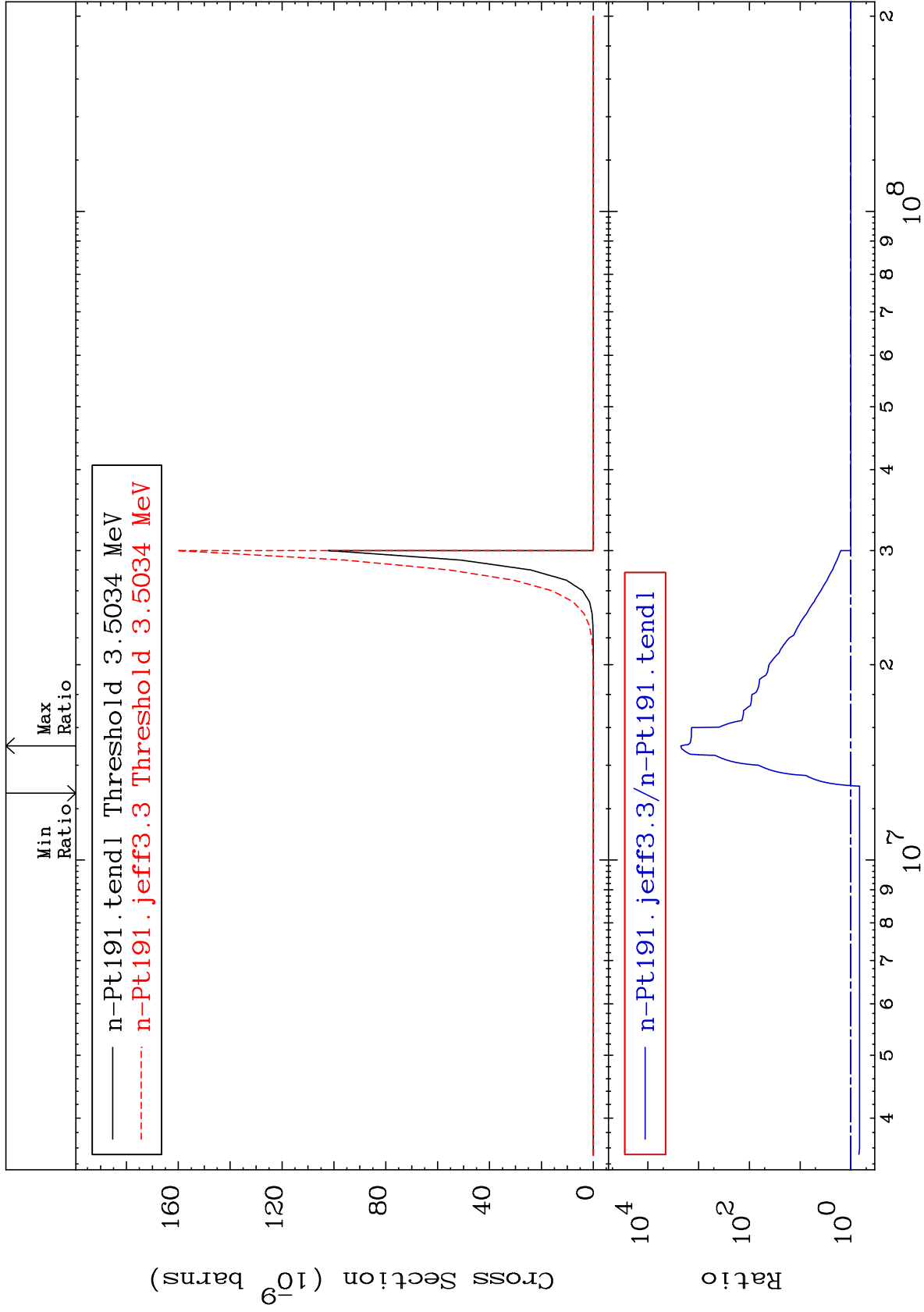


MAT 7828

(n,n') p α
Cross Section

78-Pt-191

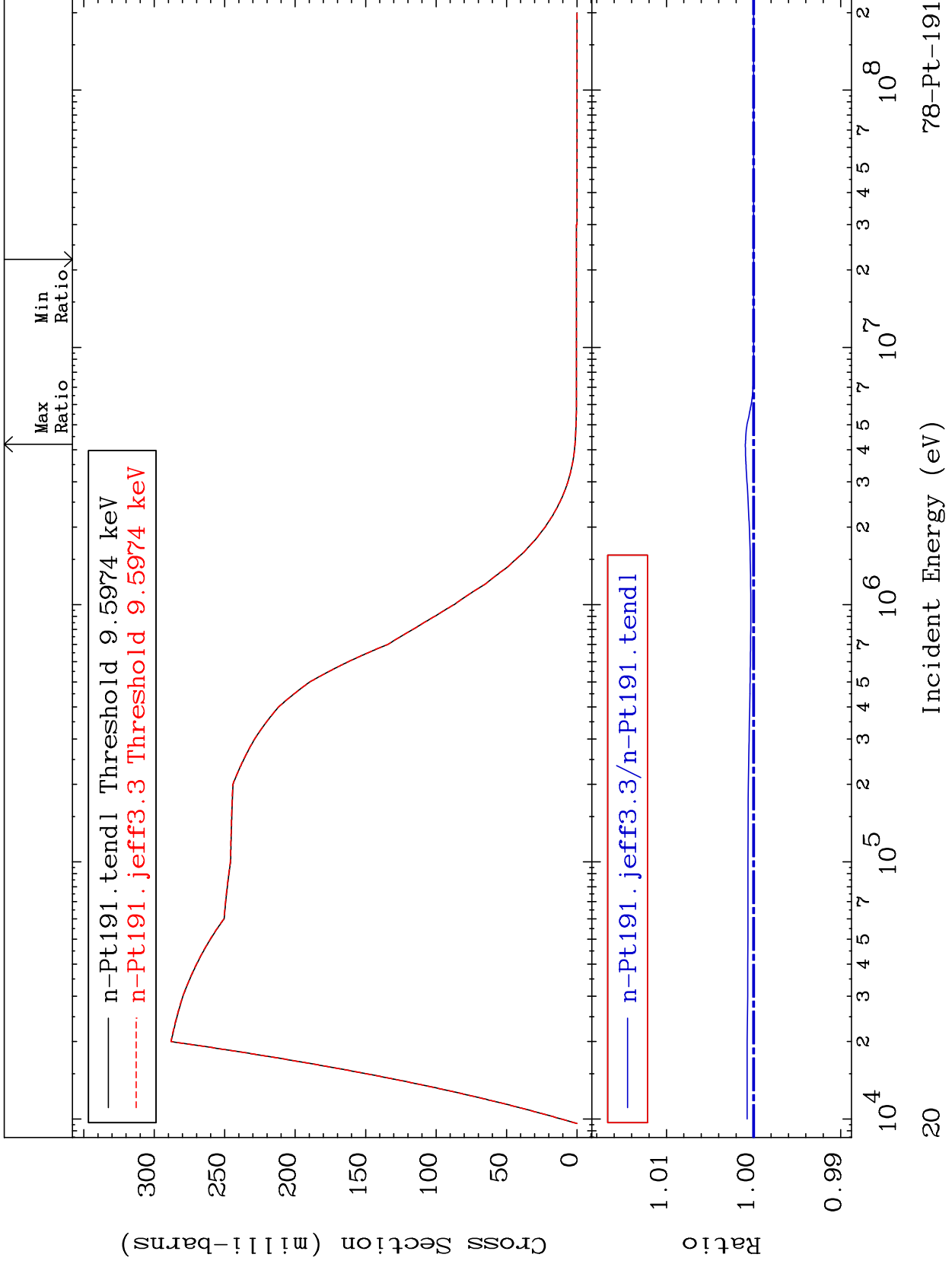
-32.63 To 9999. %



MAT 7828

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

78-Pt-191
0.000 To 0.094 %

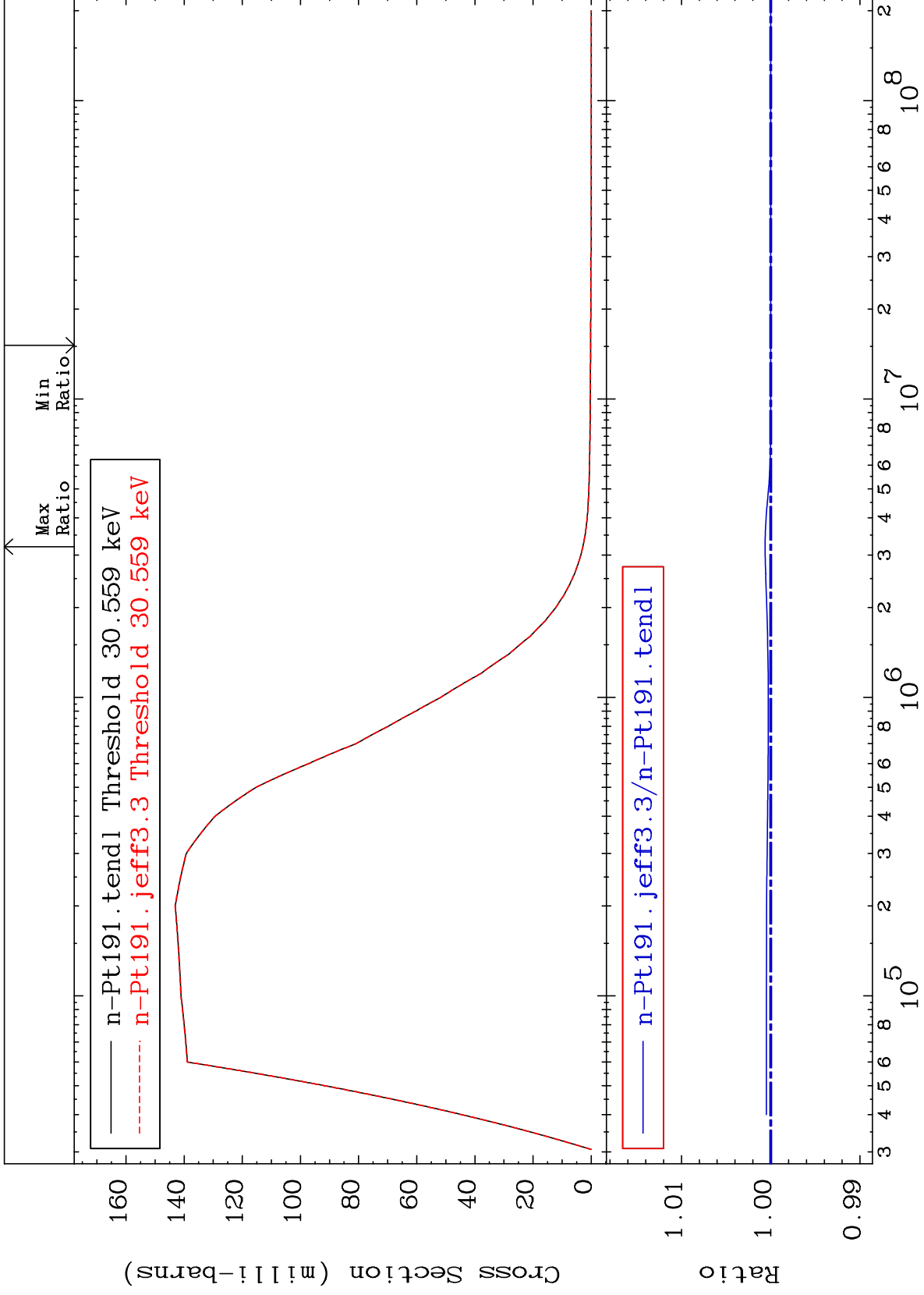


78-Pt-191

MAT 7828

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

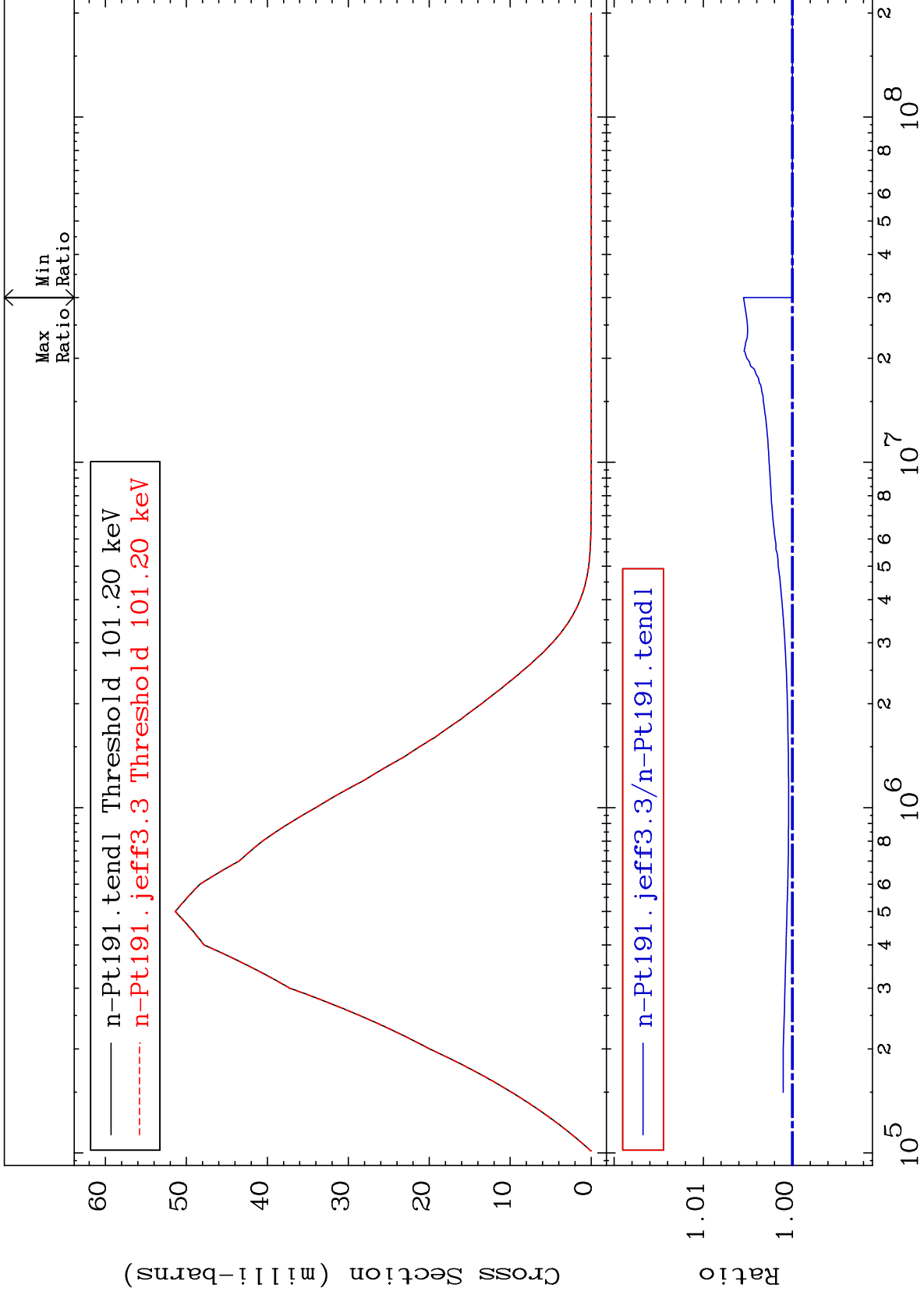
78-Pt-191
0.000 To 0.063 %



MAT 7828

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

78-Pt-191
0.000 To 0.548 %



22

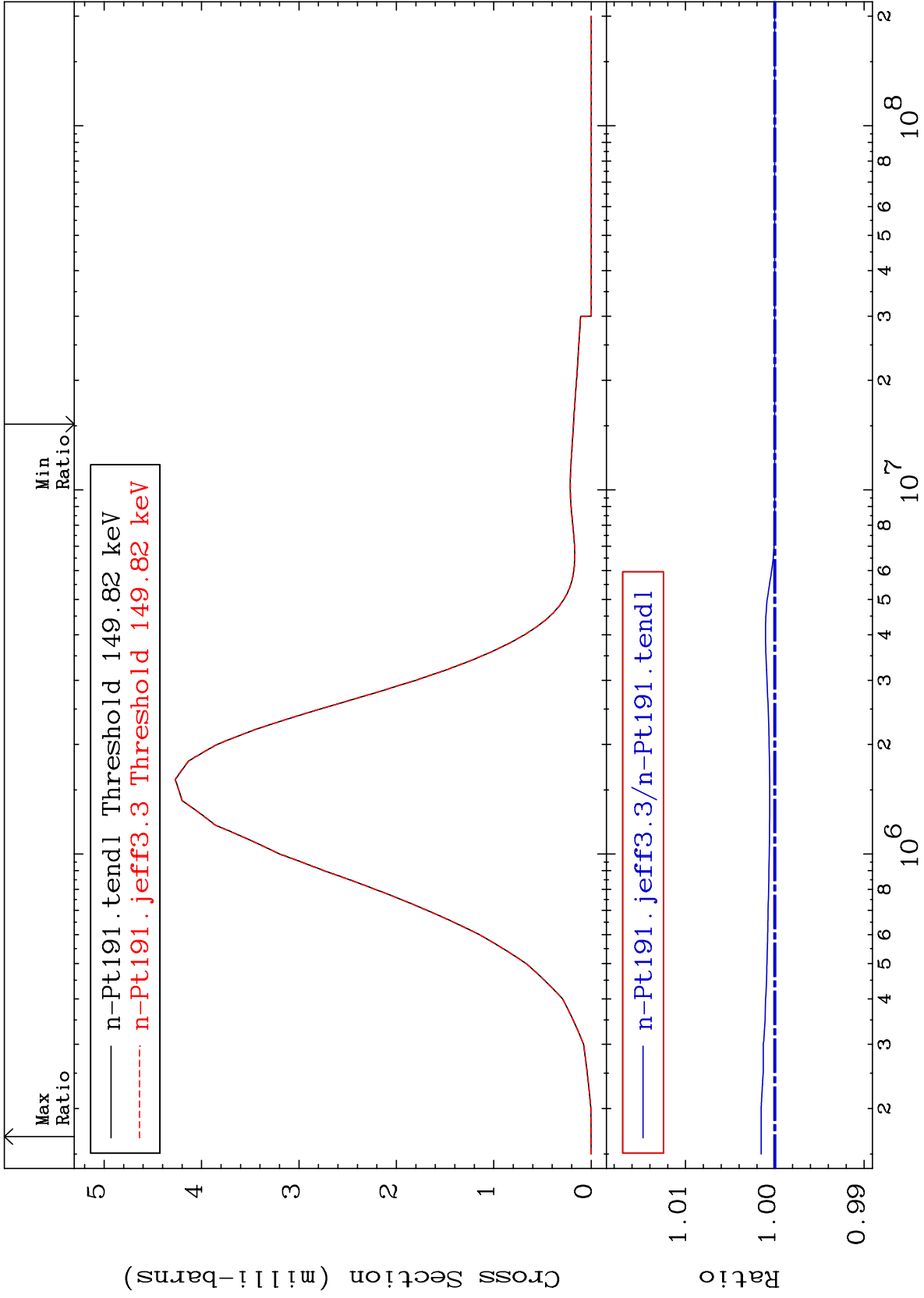
Incident Energy (eV)

78-Pt-191

MAT 7828

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

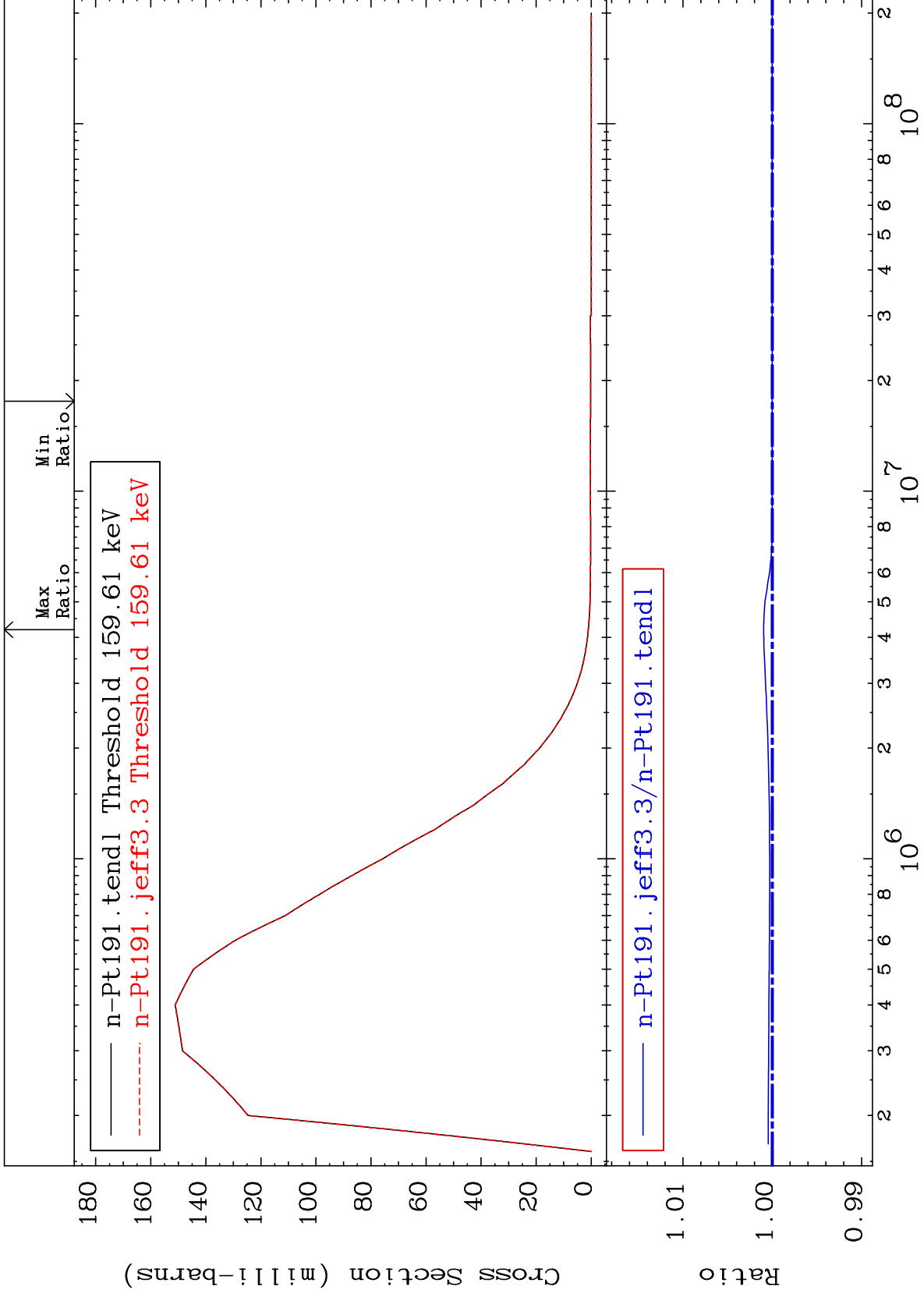
78-Pt-191
0.000 To 0.153 %



MAT 7828

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

78-Pt-191
0.000 To 0.097 %

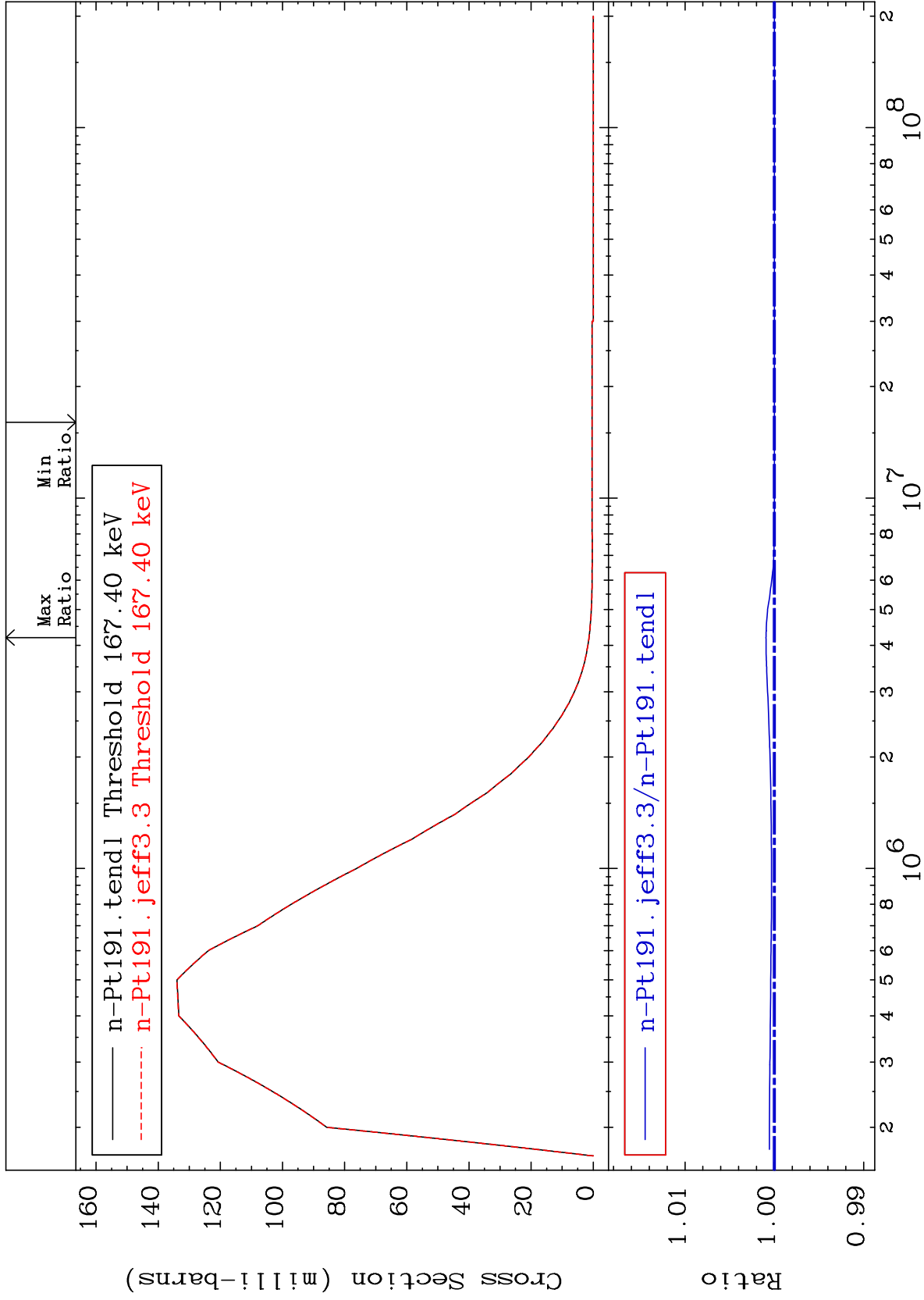


MAT 7828

MT= 56 (n,n') Level

78-Pt-191

Cross Section
0.000 To 0.094 %



25

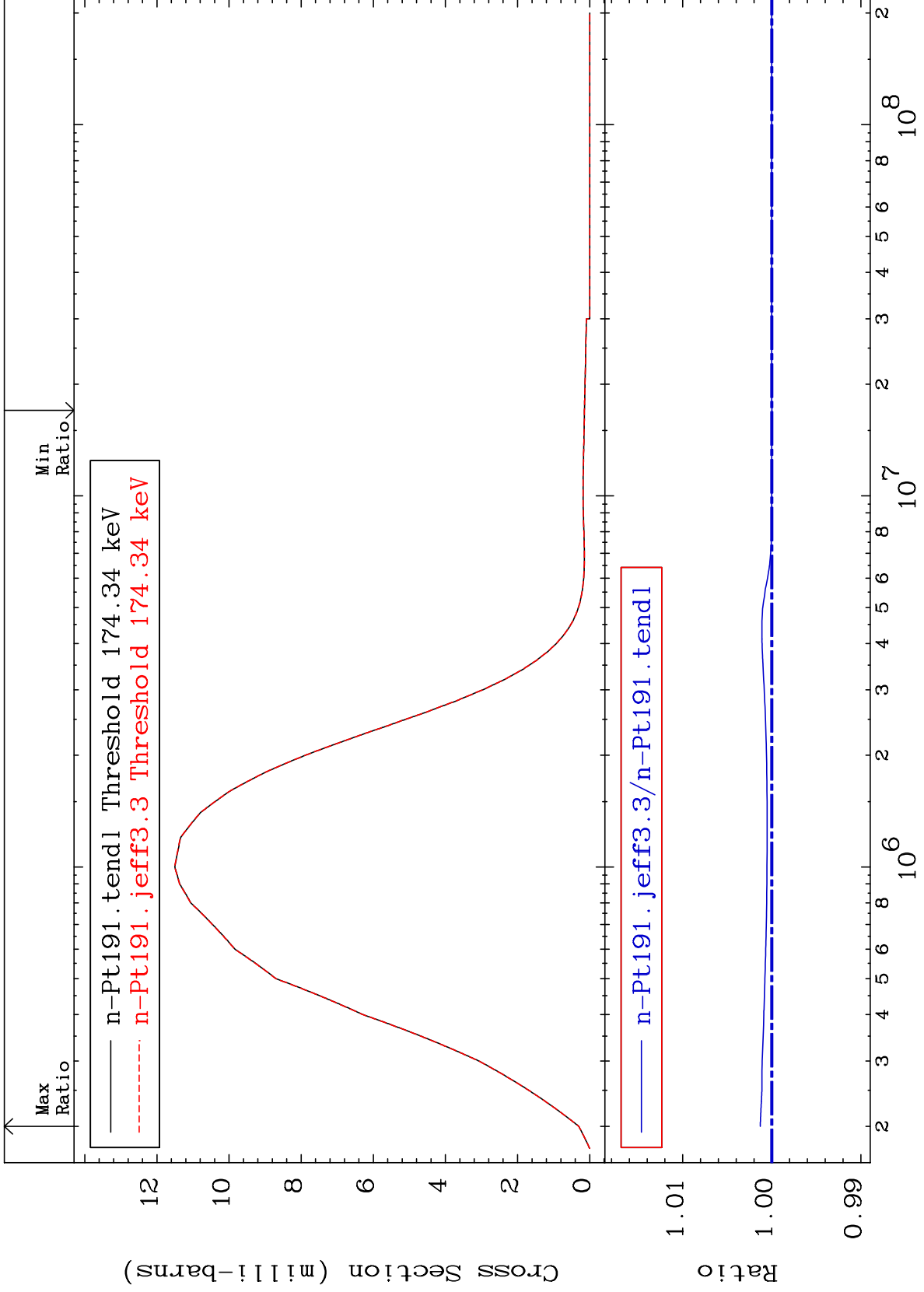
Incident Energy (eV)

78-Pt-191

MAT 7828

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

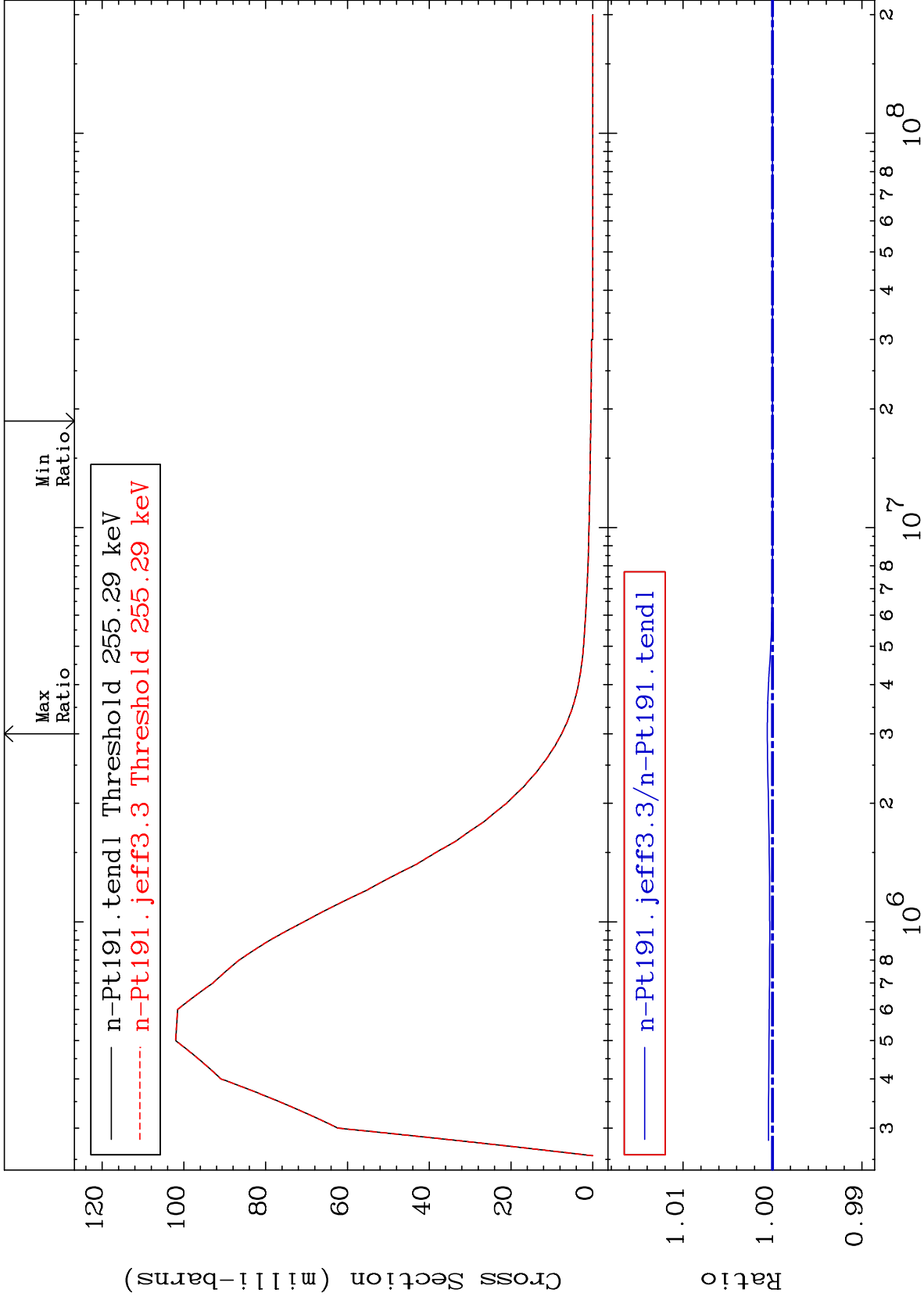
78-Pt-191
0.000 To 0.130 %



MAT 7828

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

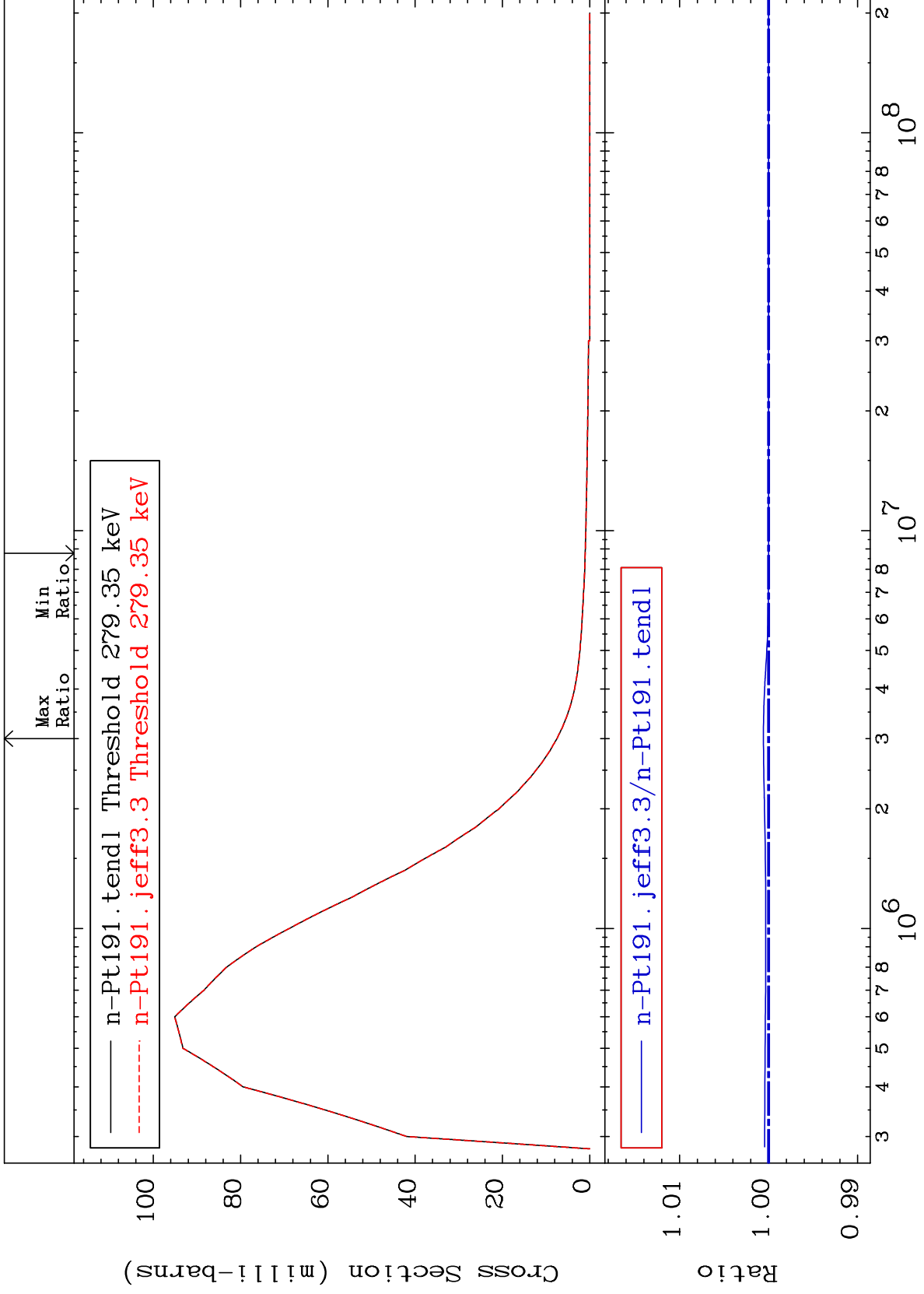
78-Pt-191
0.000 To 0.058 %



MAT 7828

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

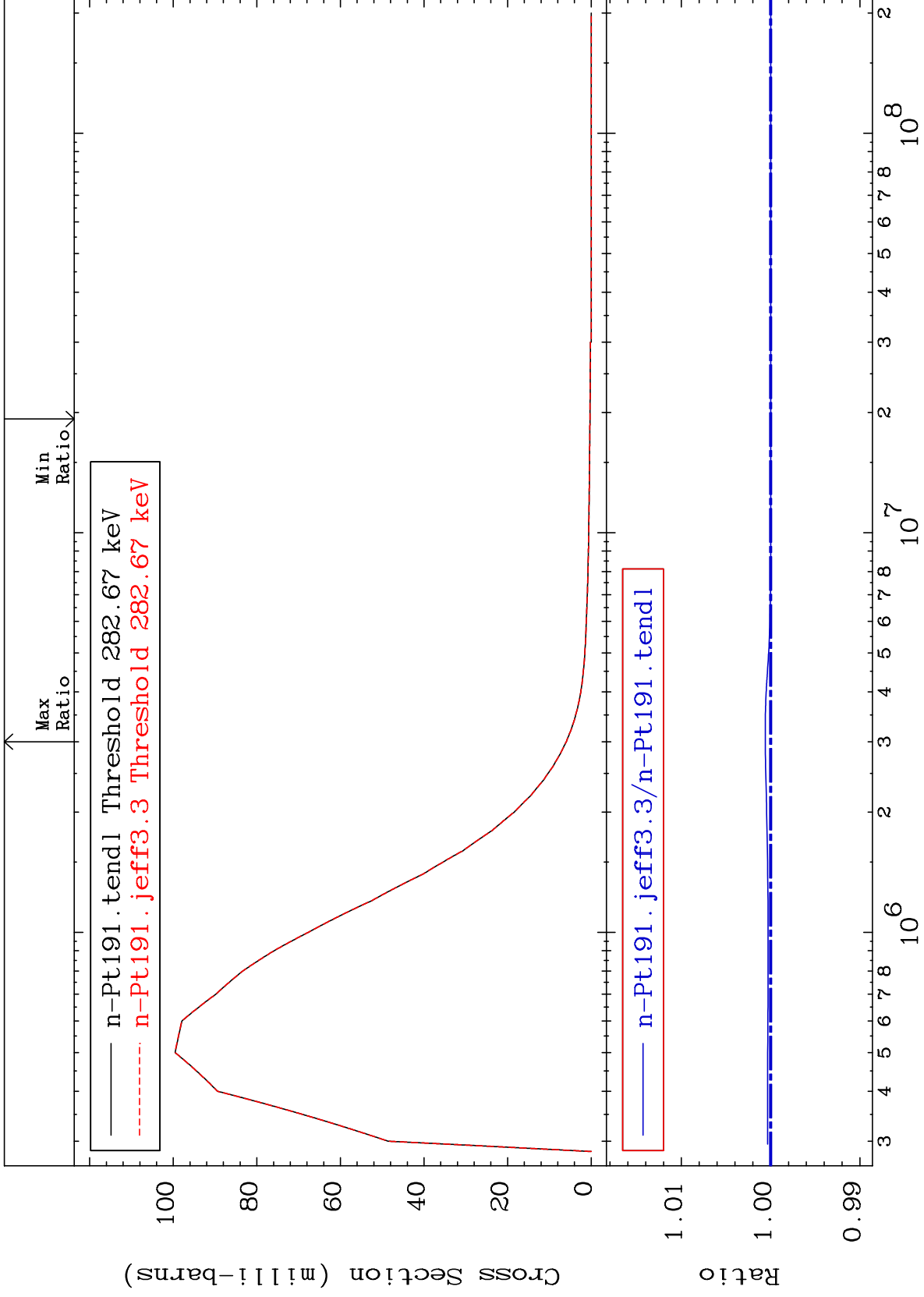
78-Pt-191
0.000 To 0.058 %



MAT 7828

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

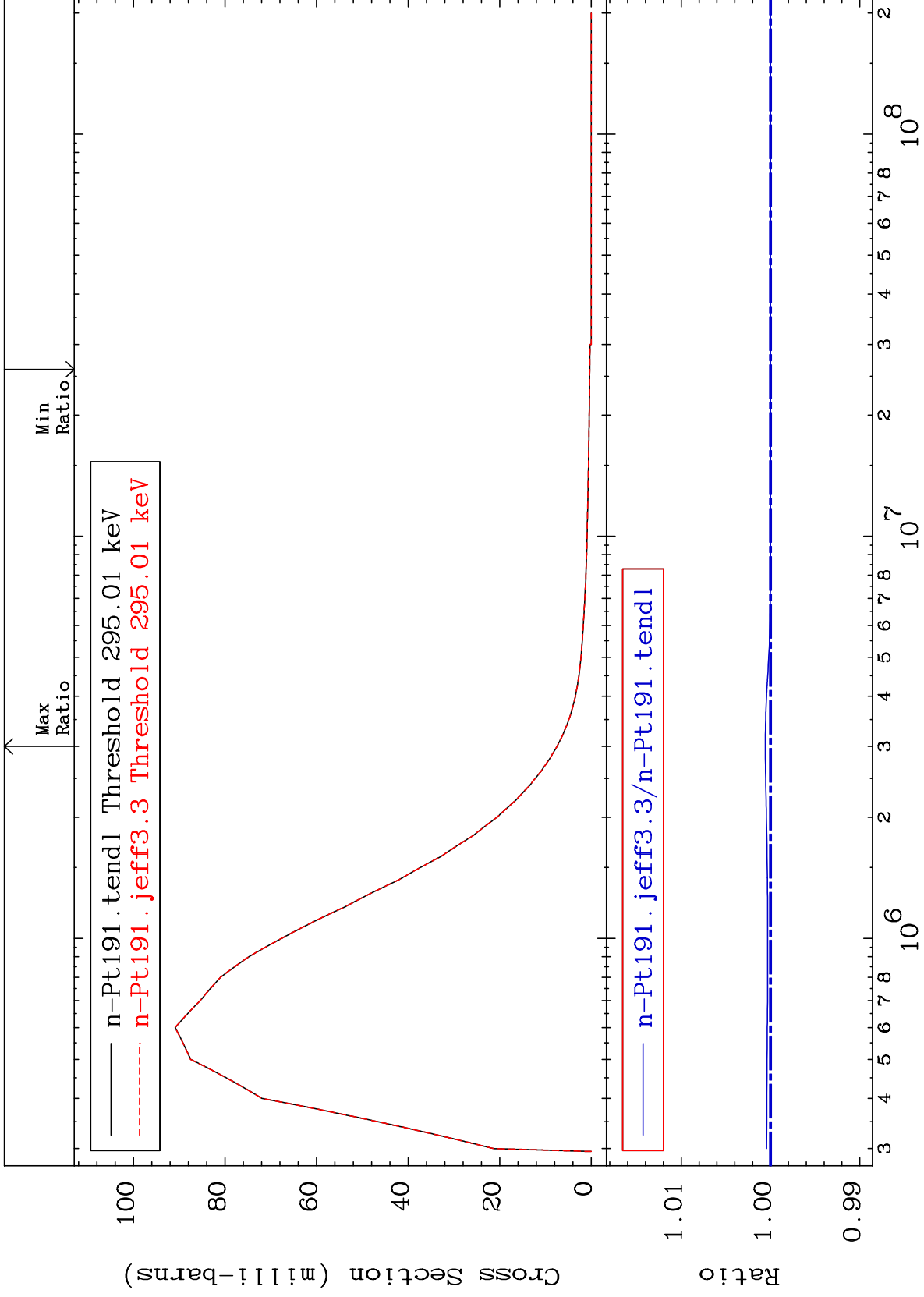
78-Pt-191
0.000 To 0.061 %



MAT 7828

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

78-Pt-191
0.000 To 0.058 %



30

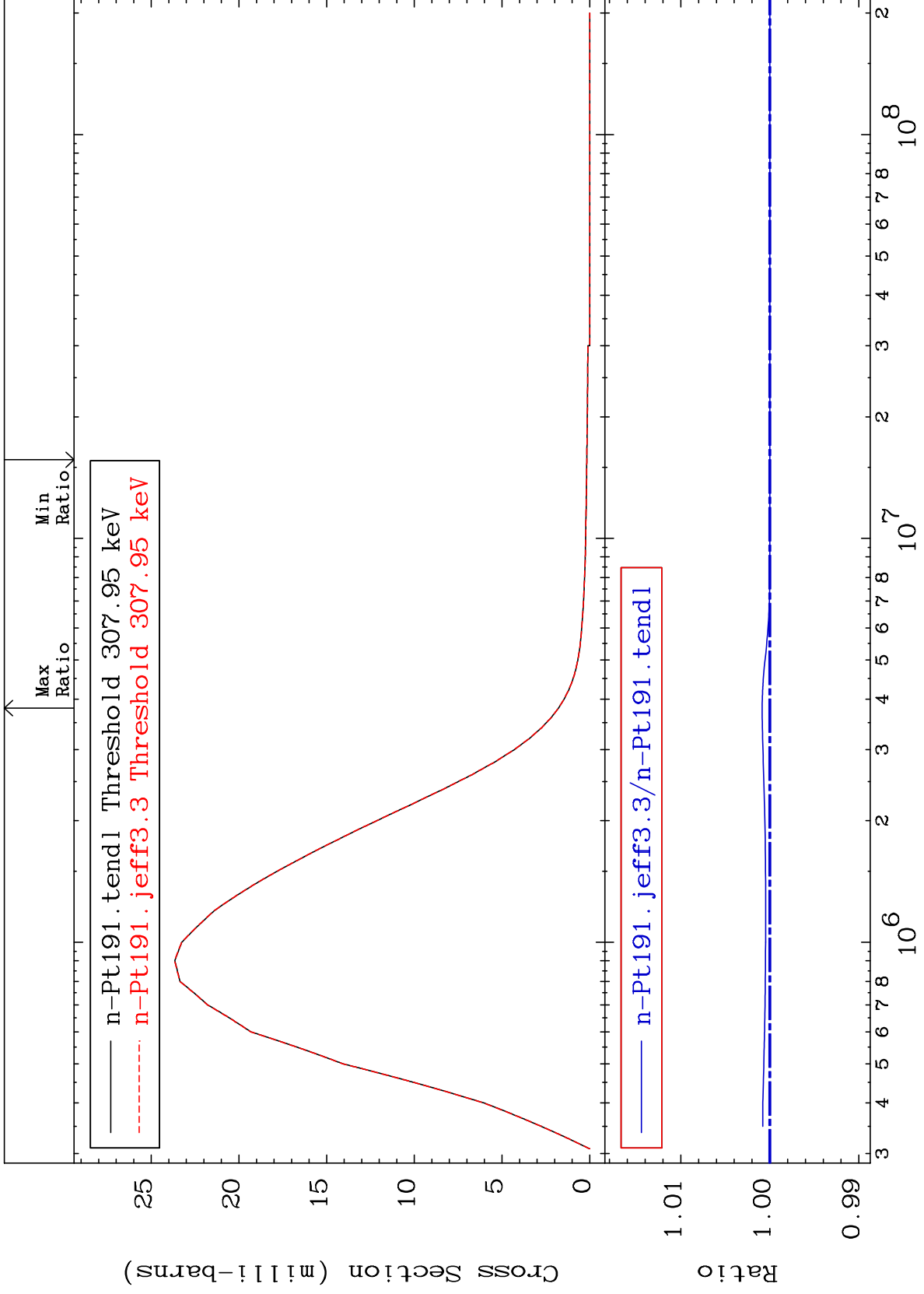
Incident Energy (eV)

78-Pt-191

MAT 7828

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

78-Pt-191
0.000 To 0.086 %



31

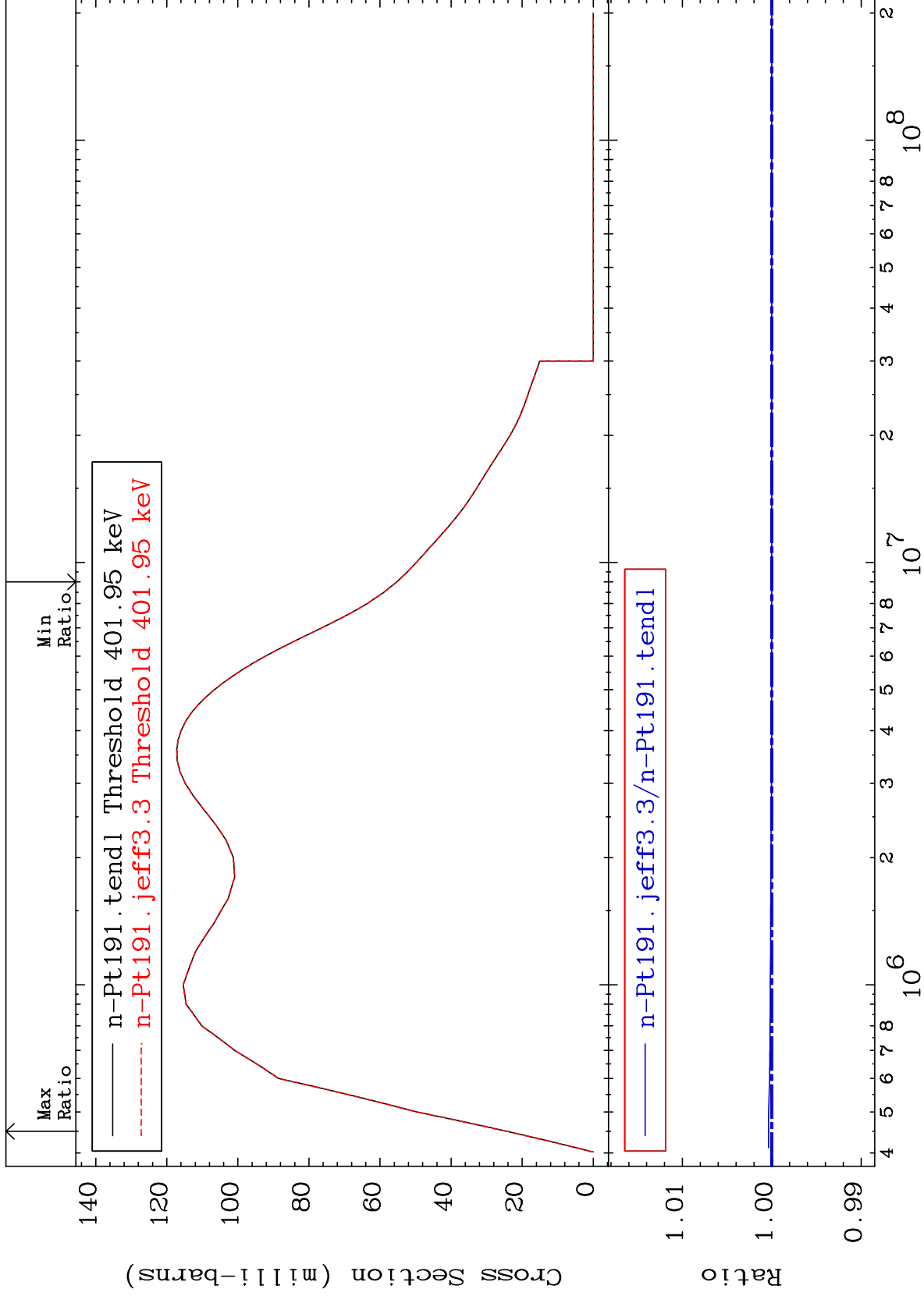
Incident Energy (eV)

78-Pt-191

MAT 7828

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

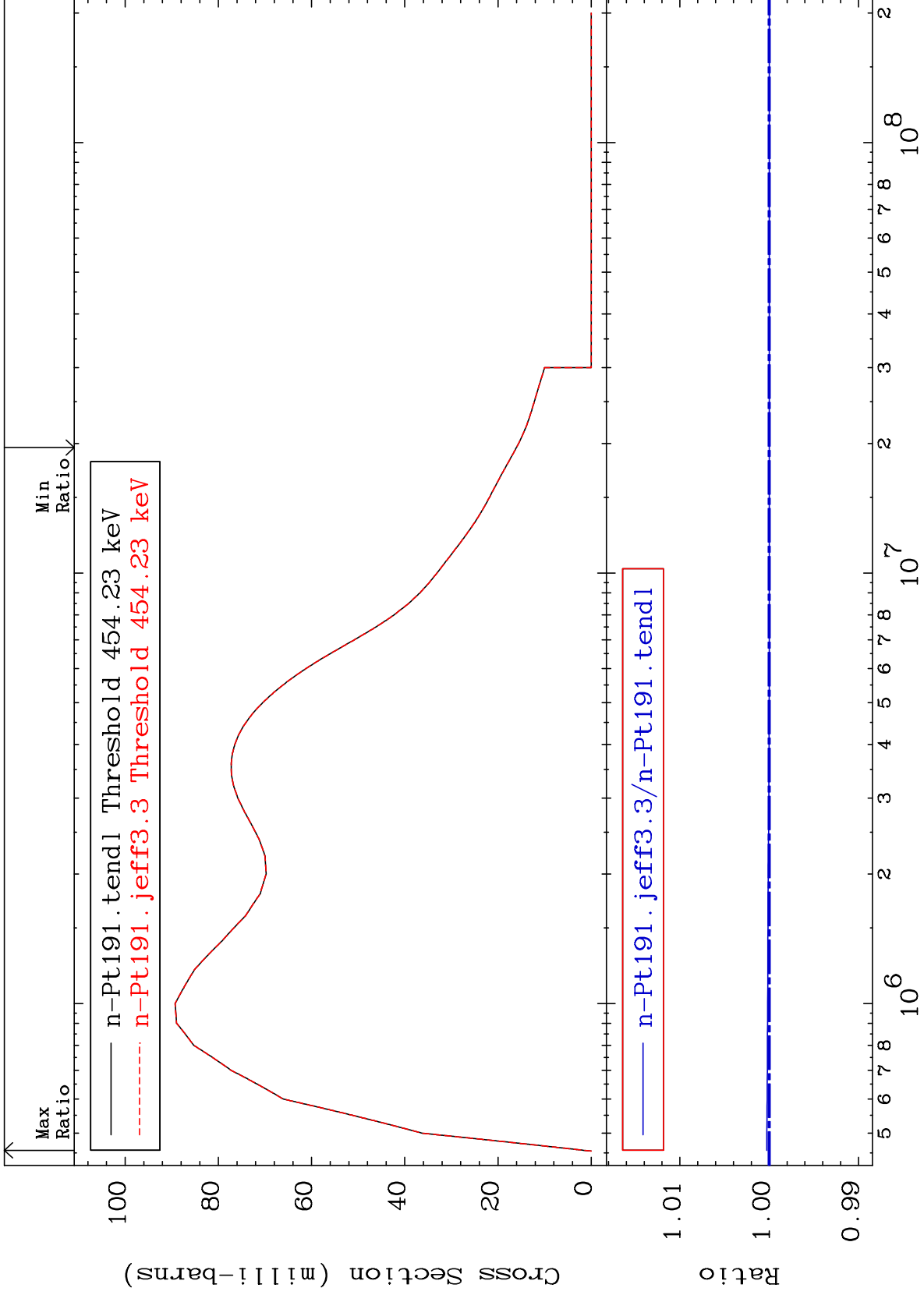
78-Pt-191
0.000 To 0.037 %



MAT 7828

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

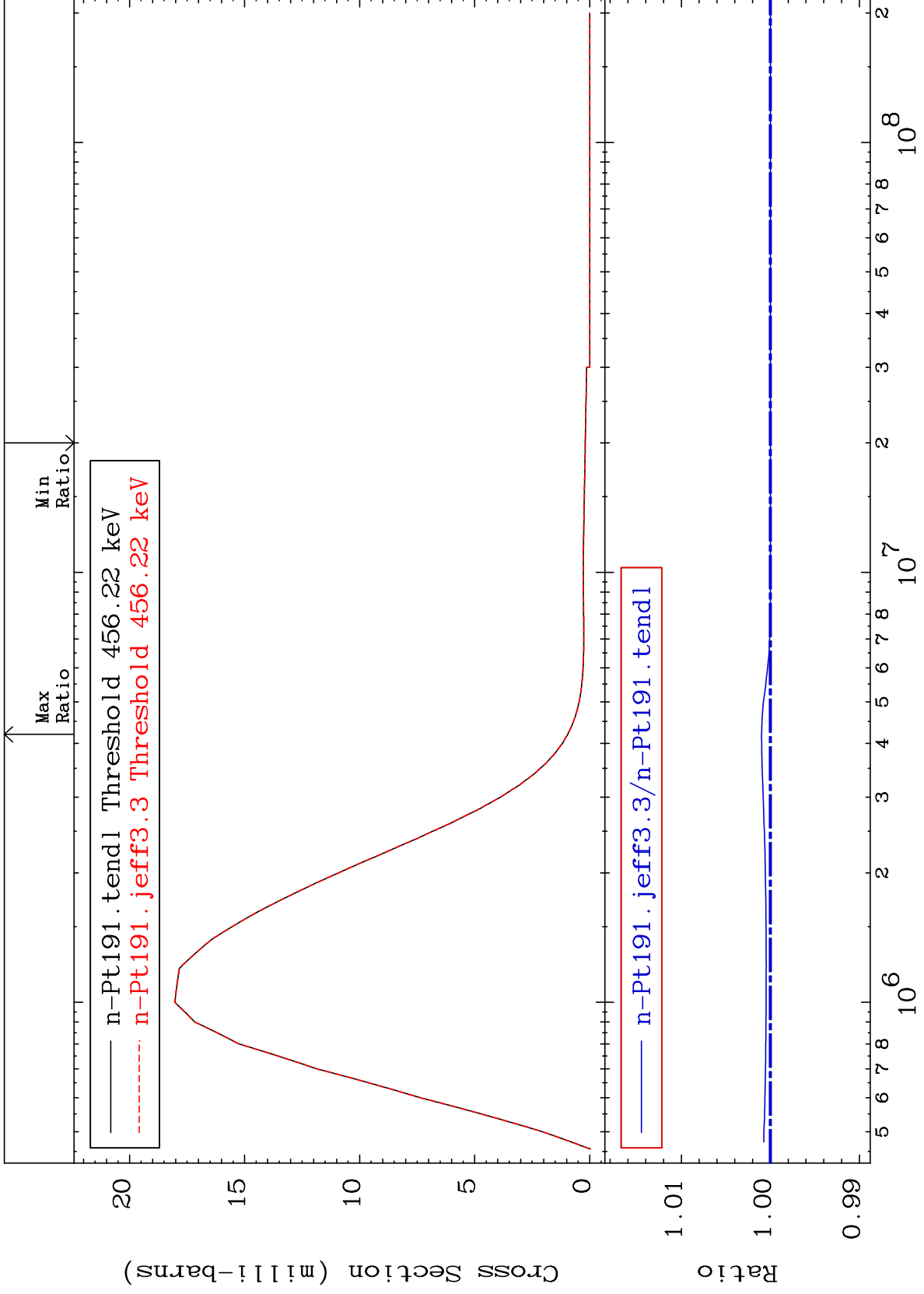
78-Pt-191
0.000 To 0.028 %



MAT 7828

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

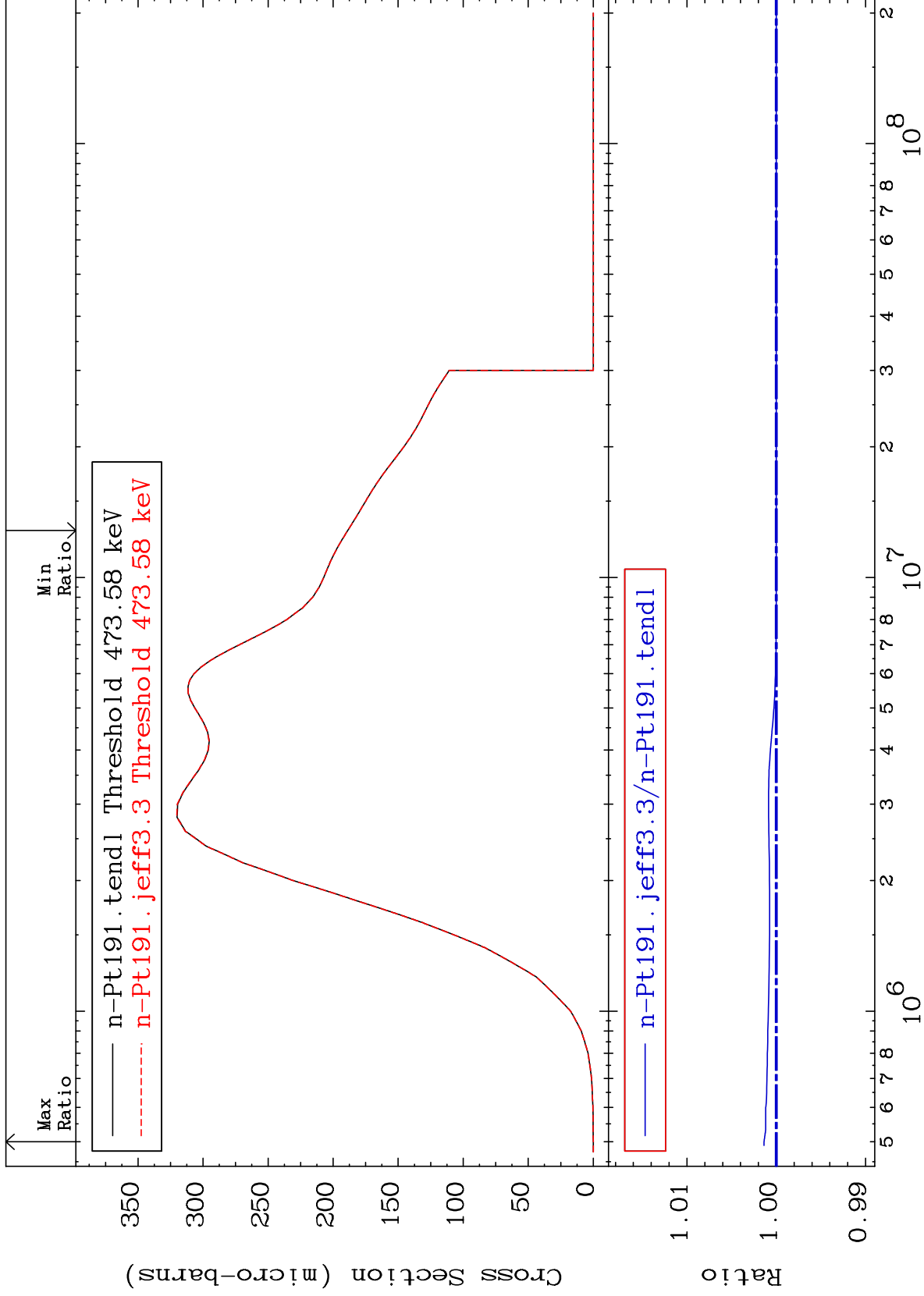
78-Pt-191
0.000 To 0.099 %



MAT 7828

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

78-Pt-191
0.000 To 0.137 %



35

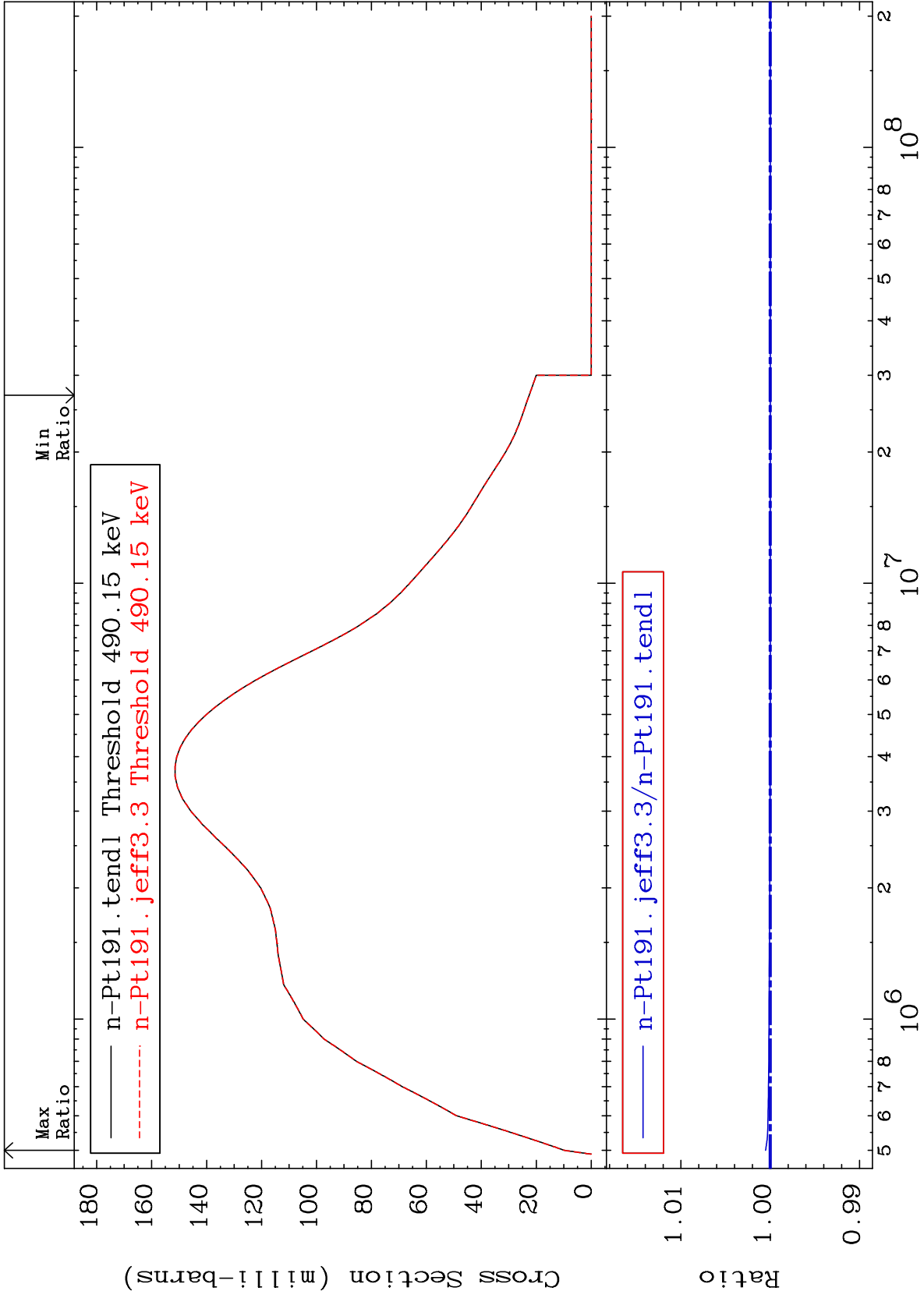
Incident Energy (eV)

78-Pt-191

MAT 7828

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

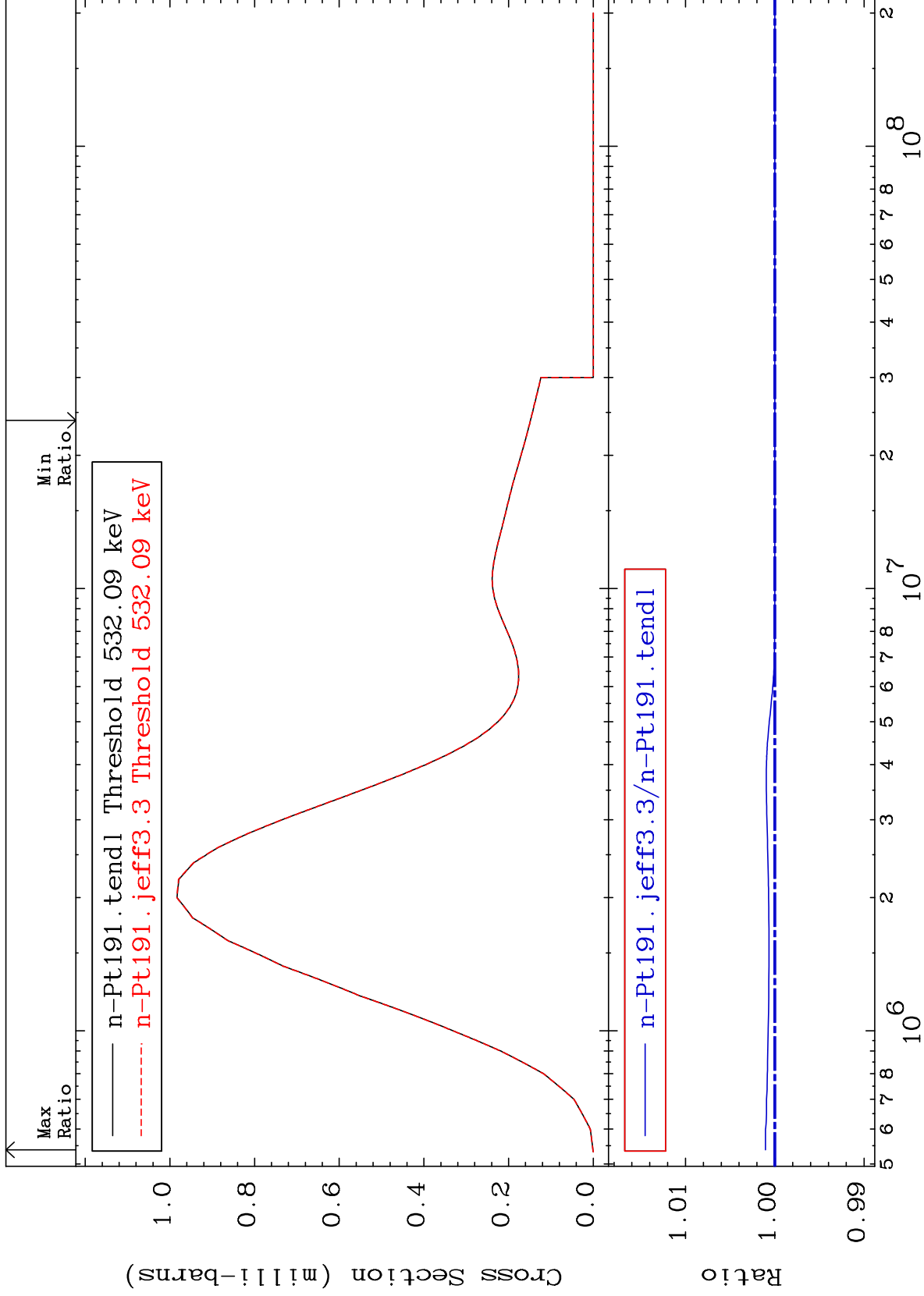
78-Pt-191
0.000 To 0.052 %



MAT 7828

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

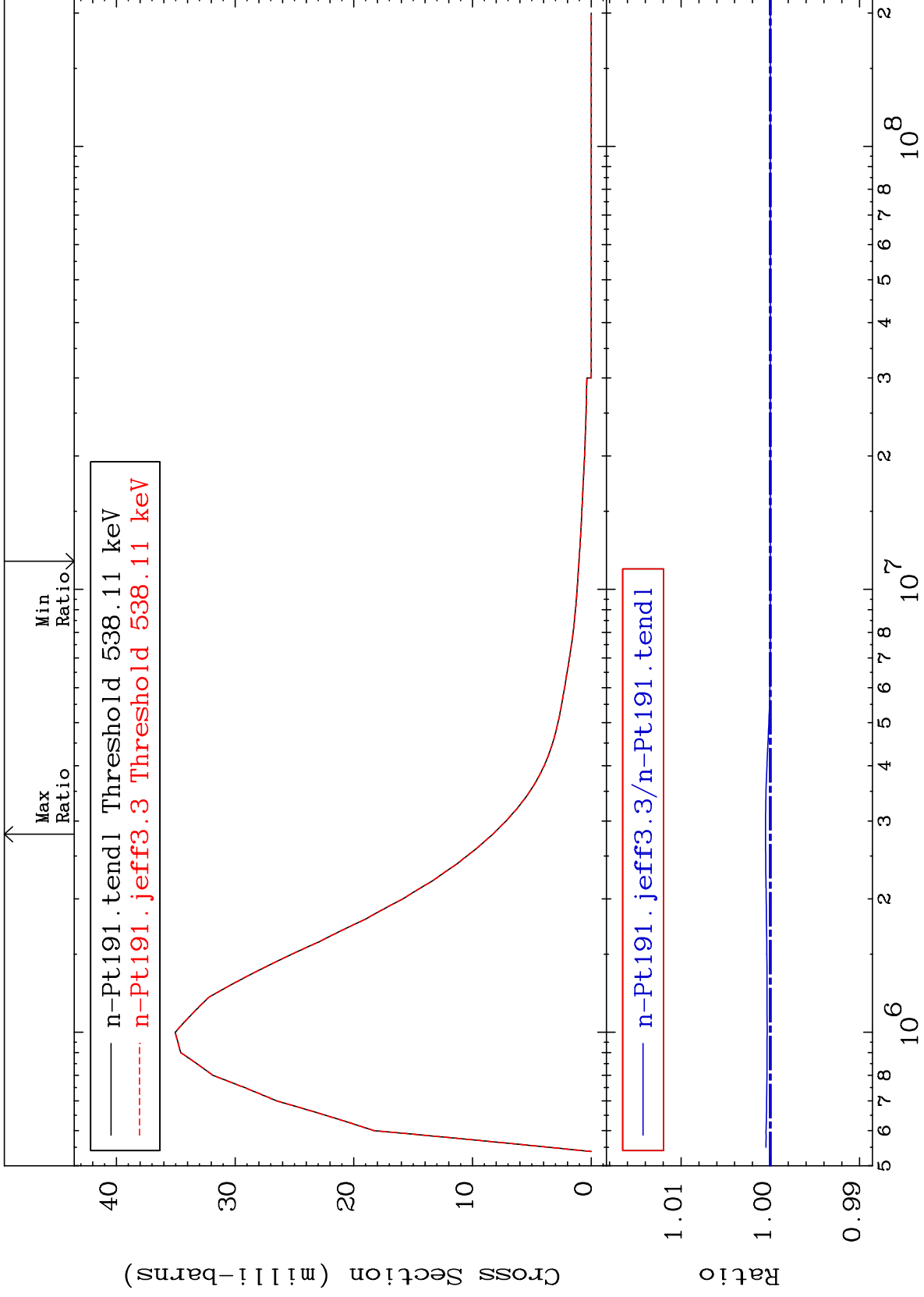
78-Pt-191
0.000 To 0.105 %



MAT 7828

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

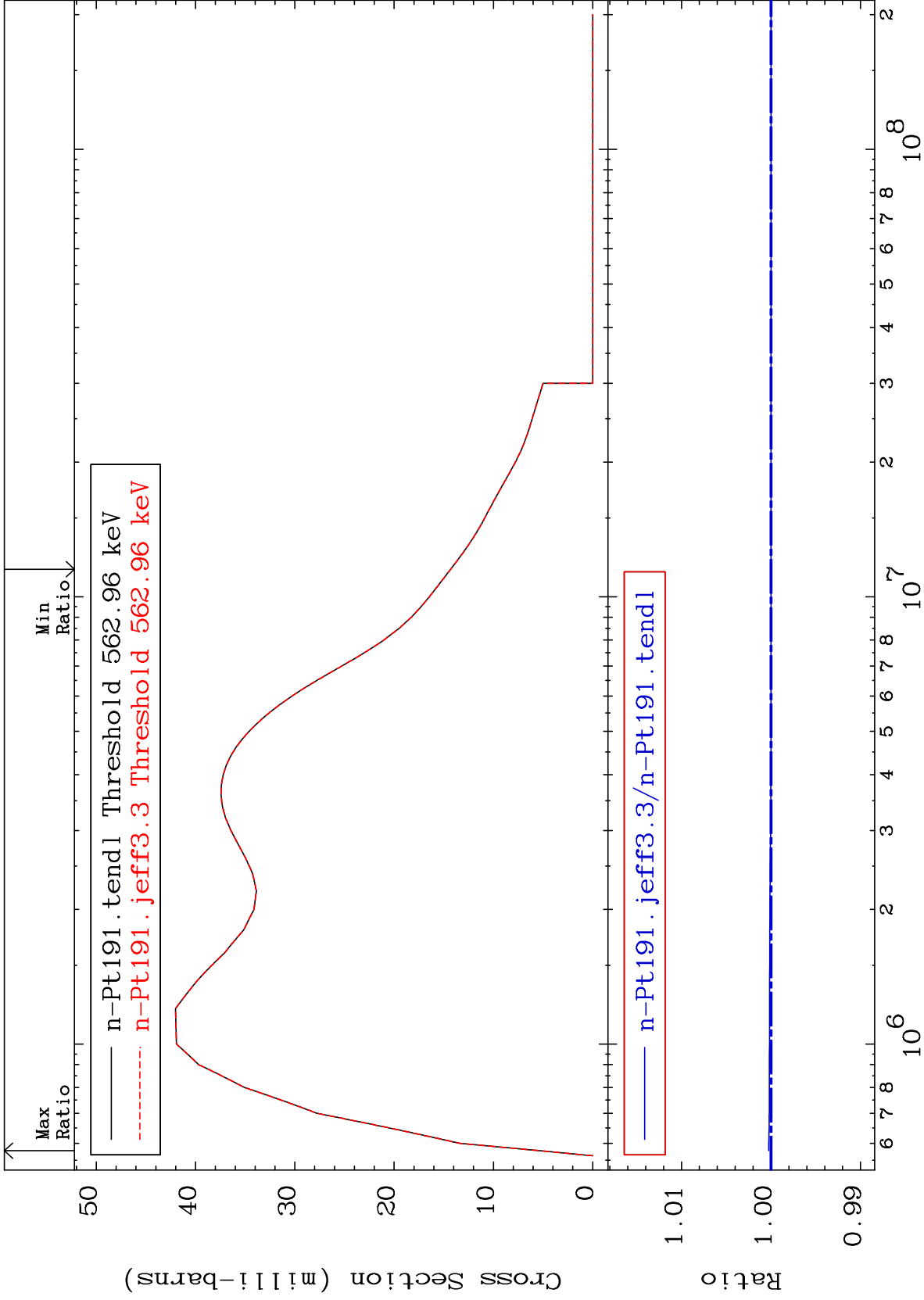
78-Pt-191
0.000 To 0.054 %



MAT 7828

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

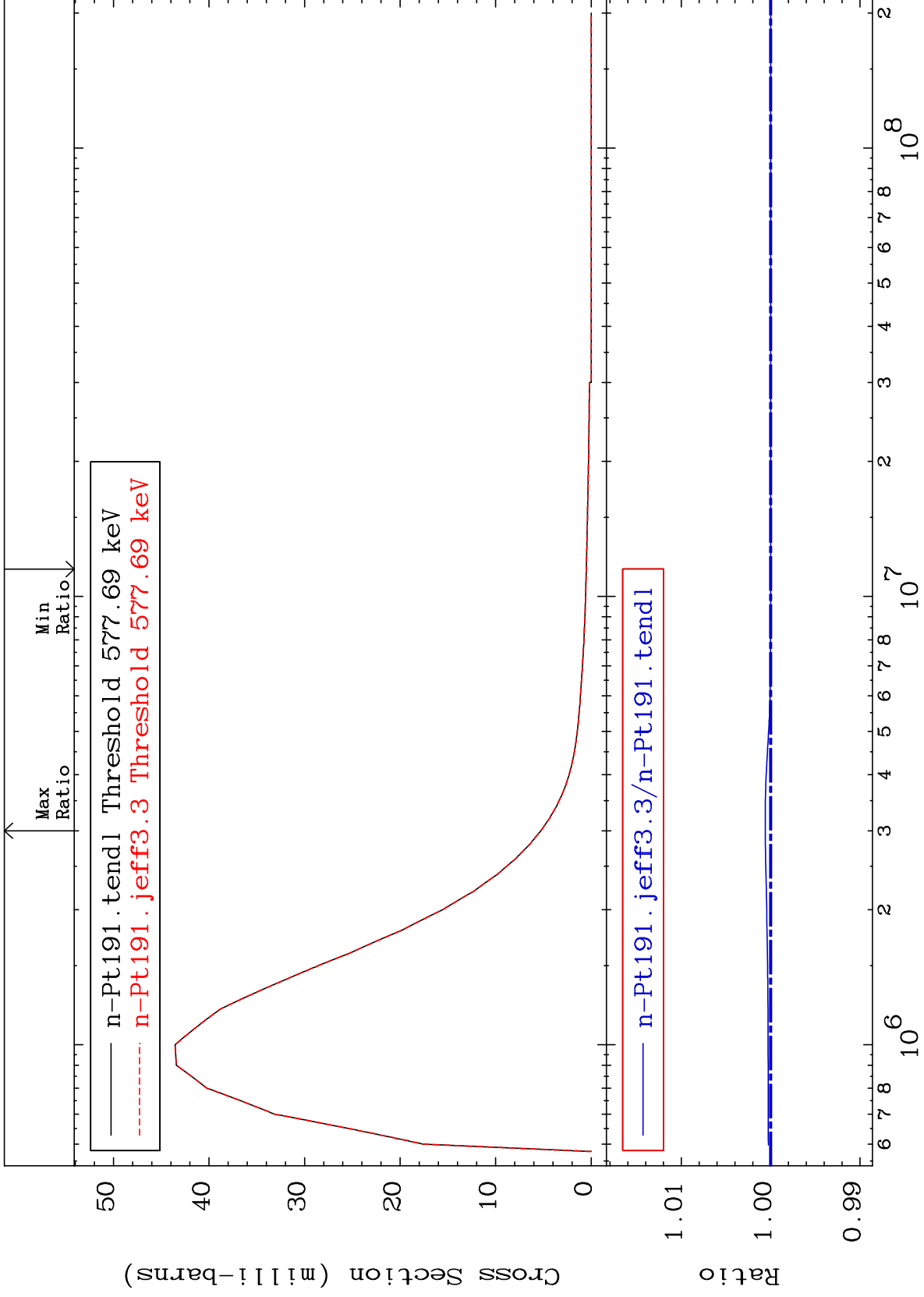
78-Pt-191
0.000 To 0.025 %



MAT 7828

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

78-Pt-191
0.000 To 0.061 %



40

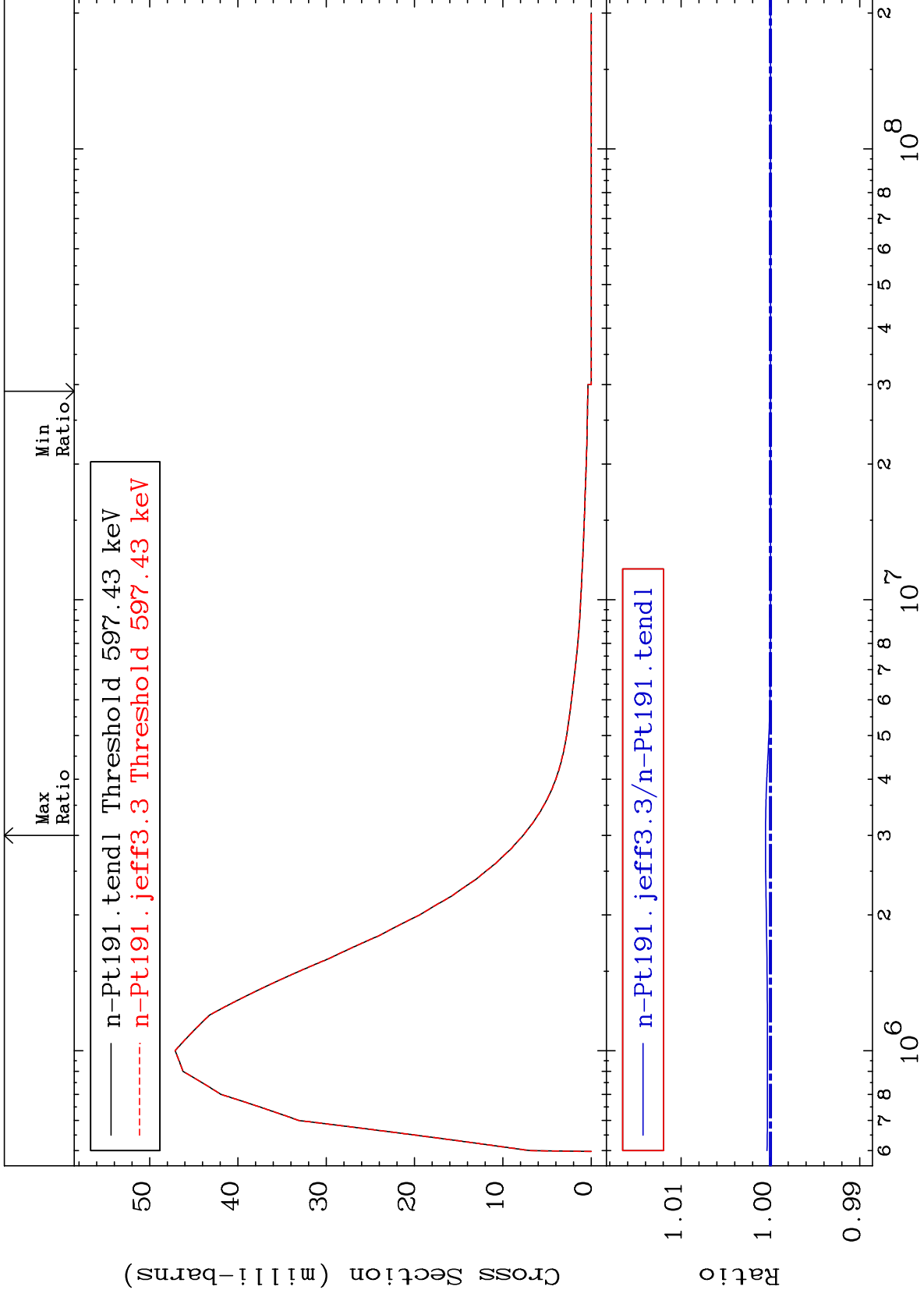
Incident Energy (eV)

78-Pt-191

MAT 7828

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

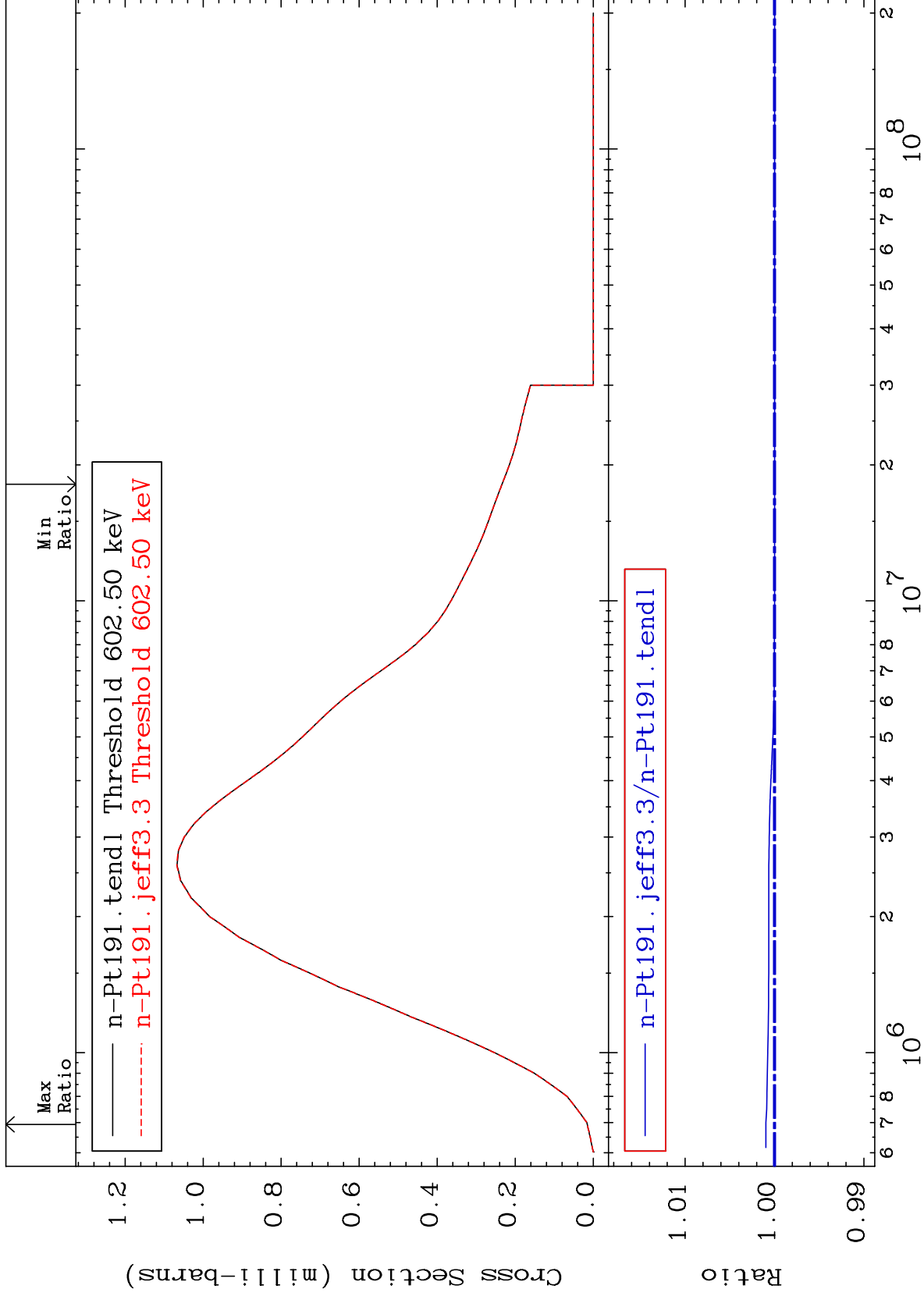
78-Pt-191
0.000 To 0.056 %



MAT 7828

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

78-Pt-191
0.000 To 0.097 %

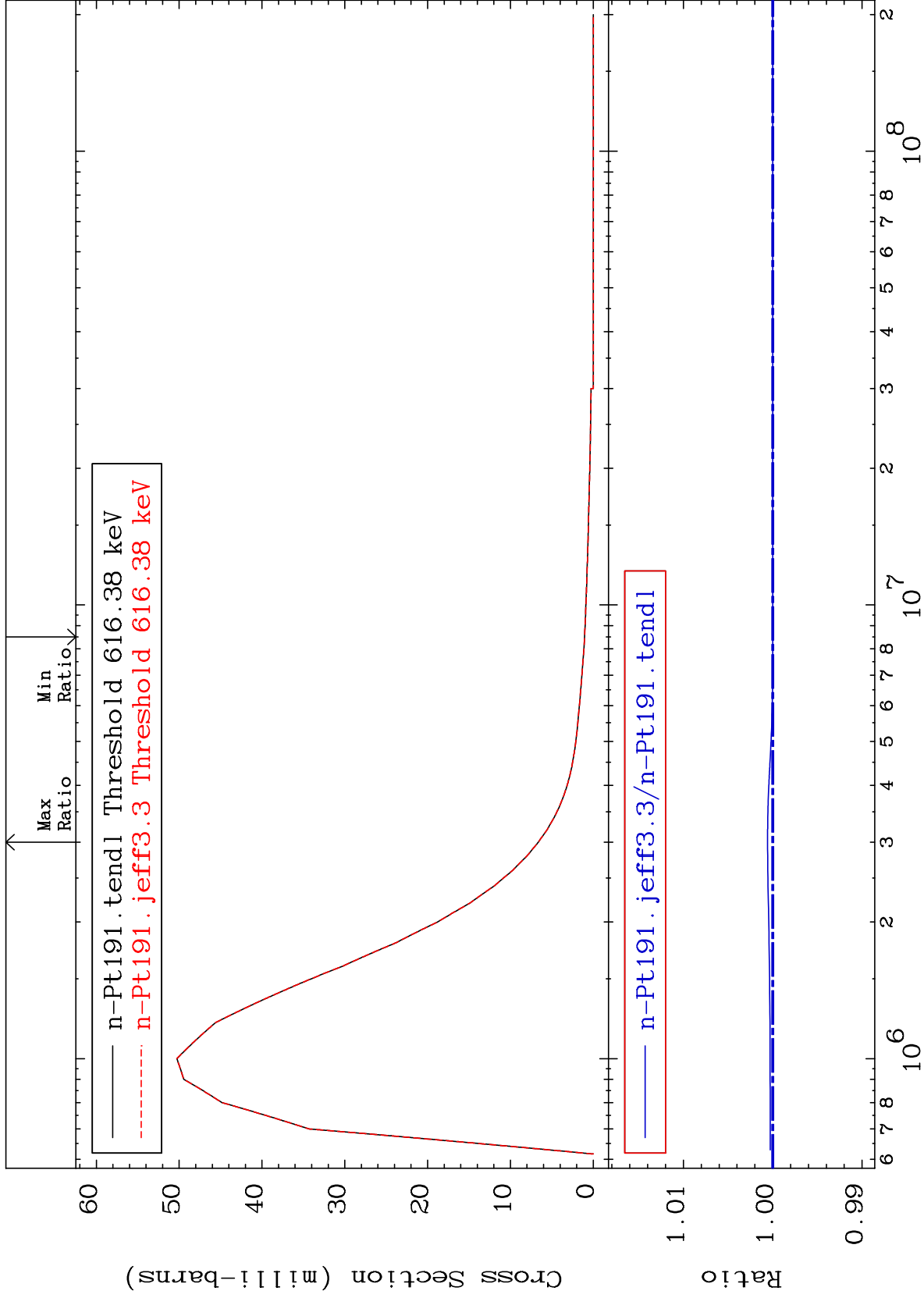


MAT 7828

MT= 74 (n,n') Level

78-Pt-191

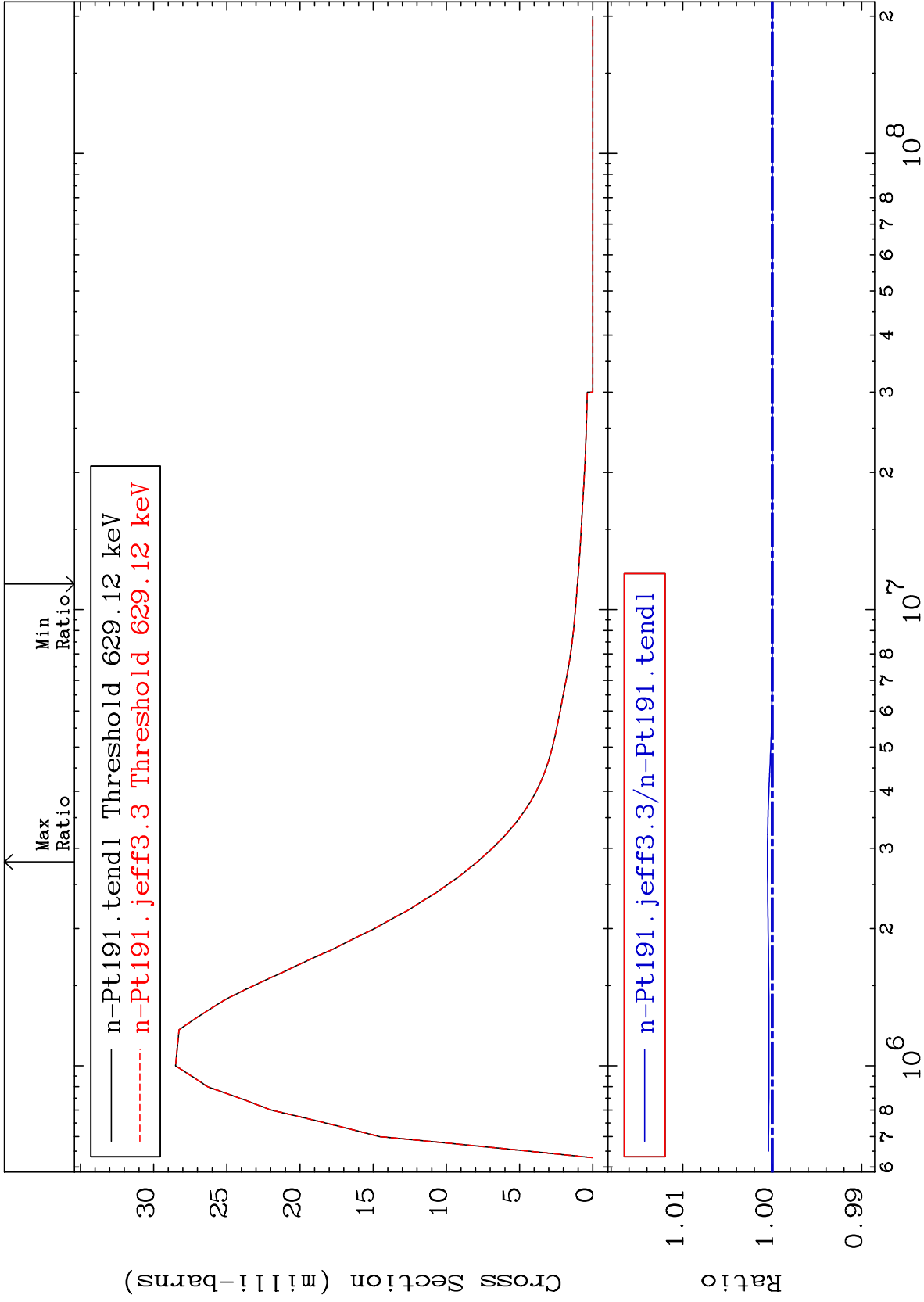
Cross Section
0.000 To 0.058 %



MAT 7828

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

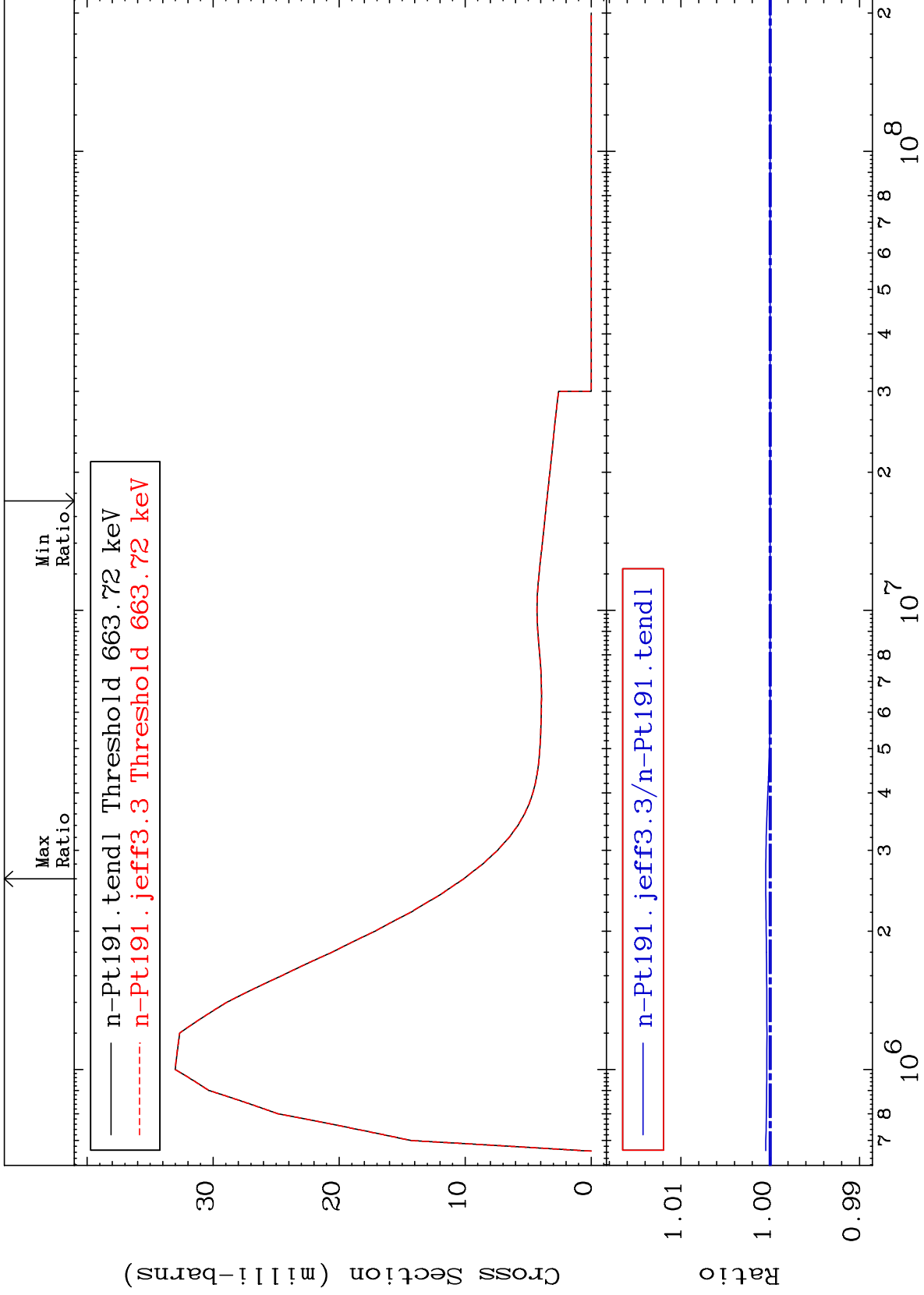
78-Pt-191
0.000 To 0.054 %



MAT 7828

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

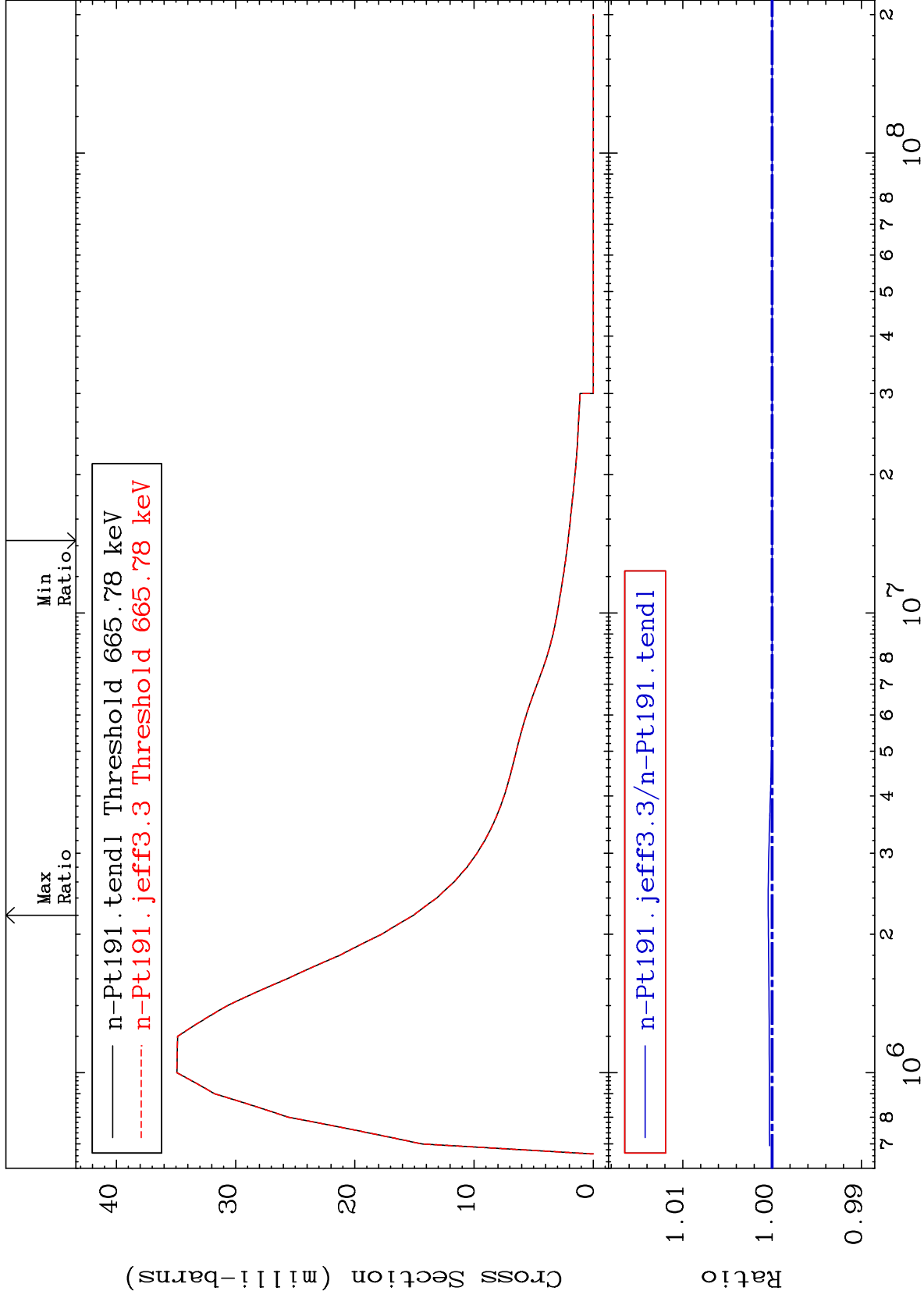
78-Pt-191
0.000 To 0.049 %



MAT 7828

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

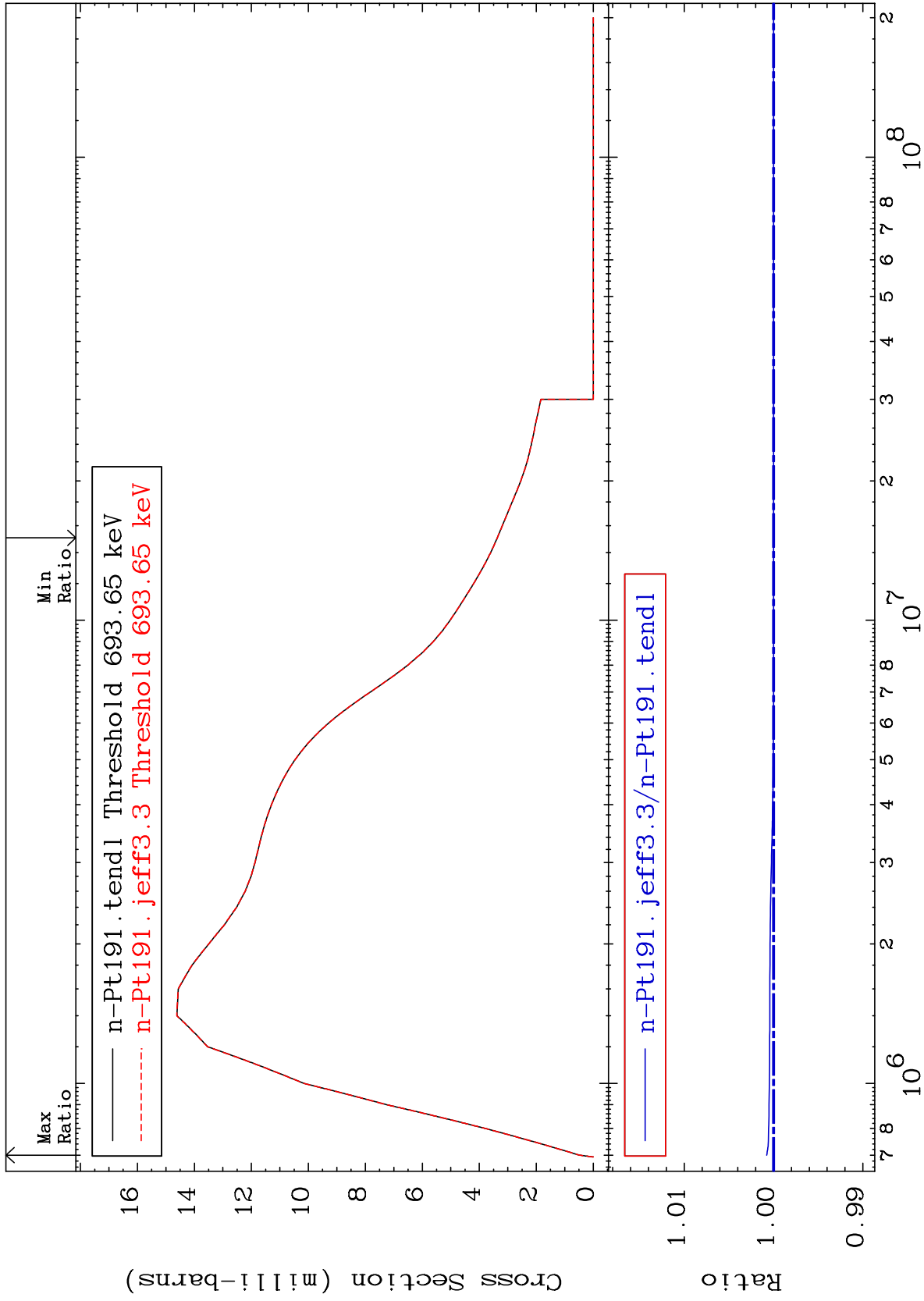
78-Pt-191
0.000 To 0.044 %



MAT 7828

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

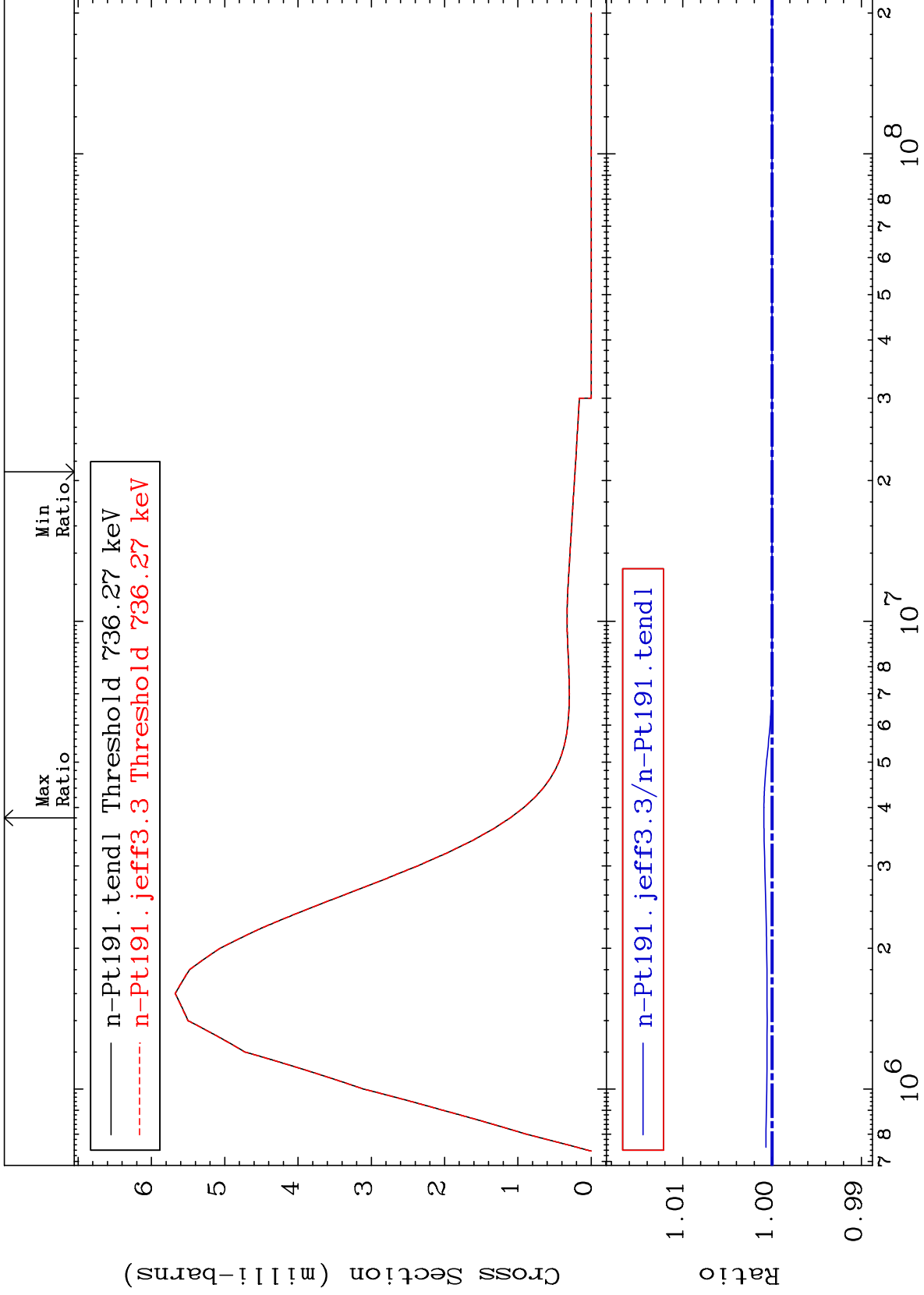
78-Pt-191
0.000 To 0.076 %



MAT 7828

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

78-Pt-191
0.000 To 0.092 %



48

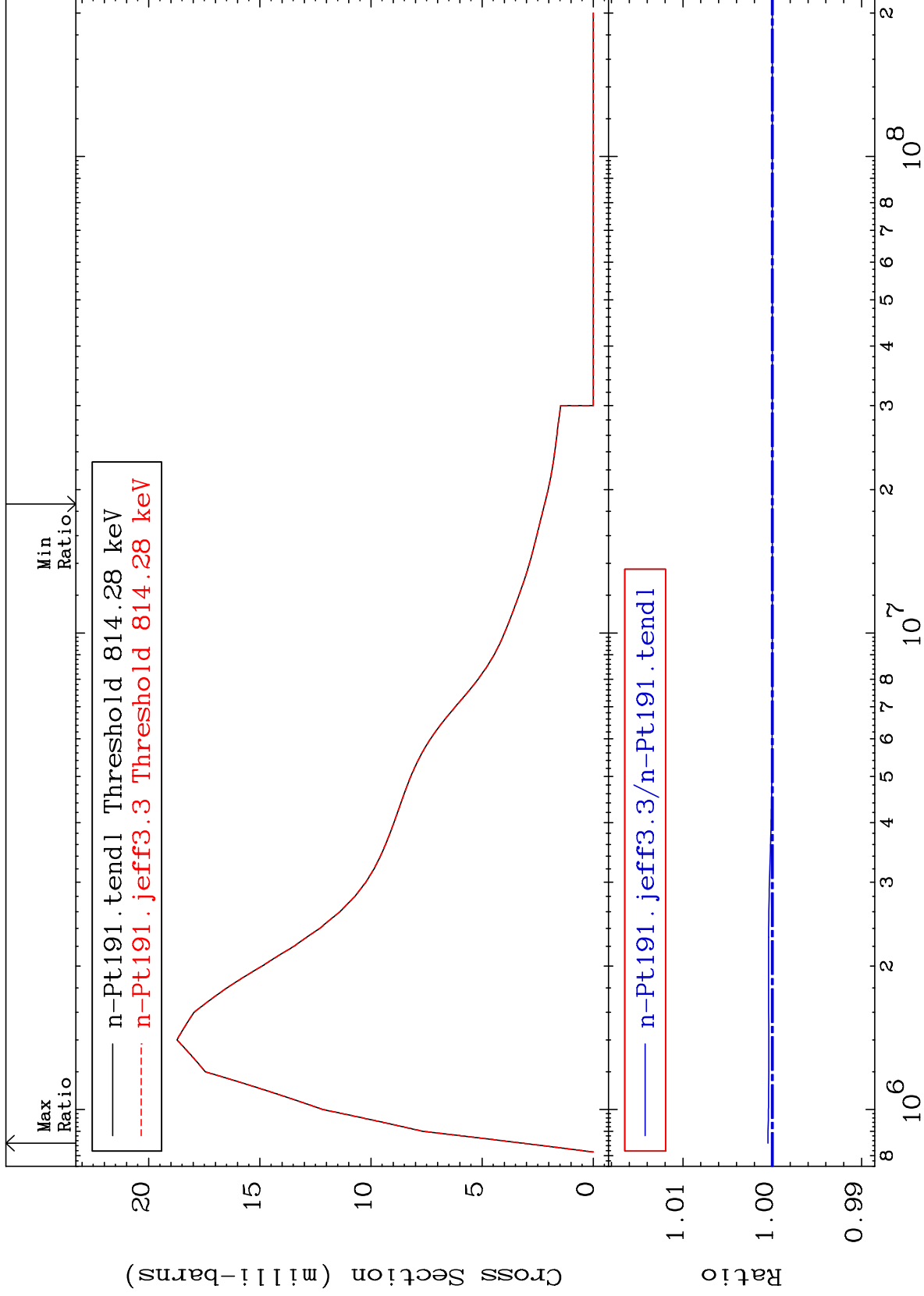
Incident Energy (eV)

78-Pt-191

MAT 7828

MT= 80 (n,n') Level
Cross Section

78-Pt-191
0.000 To 0.047 %



49

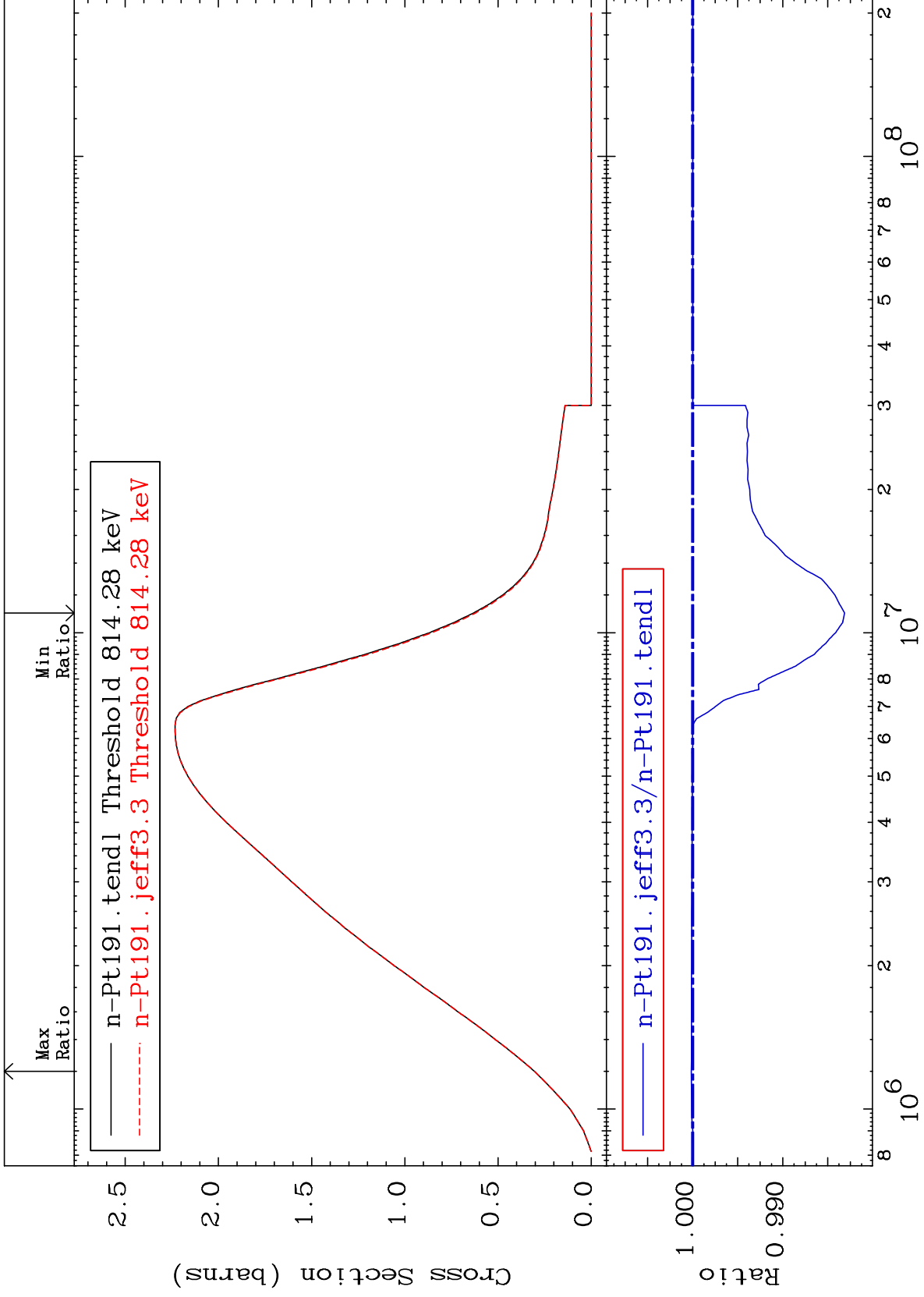
Incident Energy (eV)

78-Pt-191

MAT 7828

(n, n') Continuum
Cross Section

78-Pt-191
-1.686 To 0.015 %



50

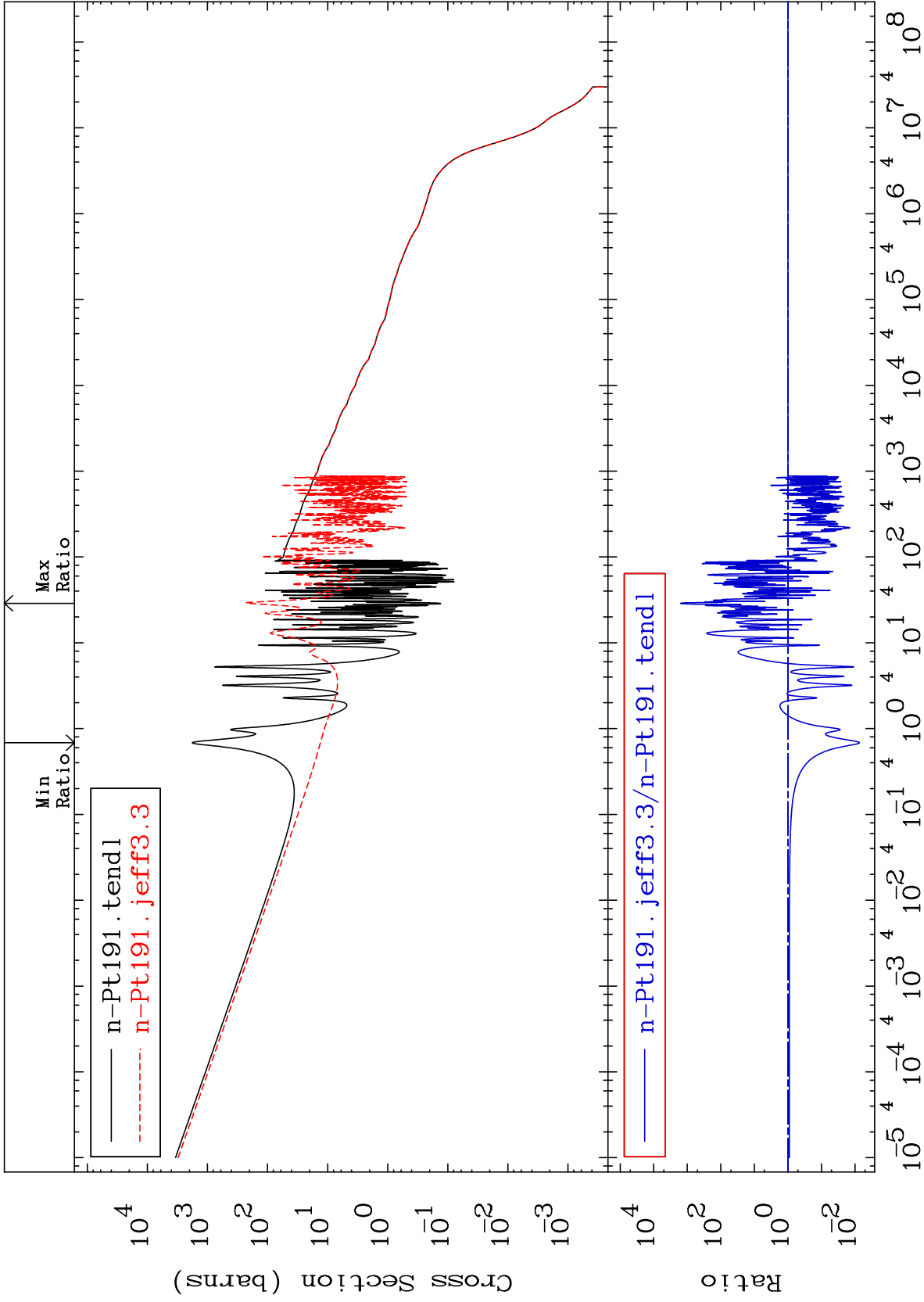
Incident Energy (eV)

78-Pt-191

MAT 7828

(n, γ)
Cross Section

78-Pt-191
-99.26 To 9999. %



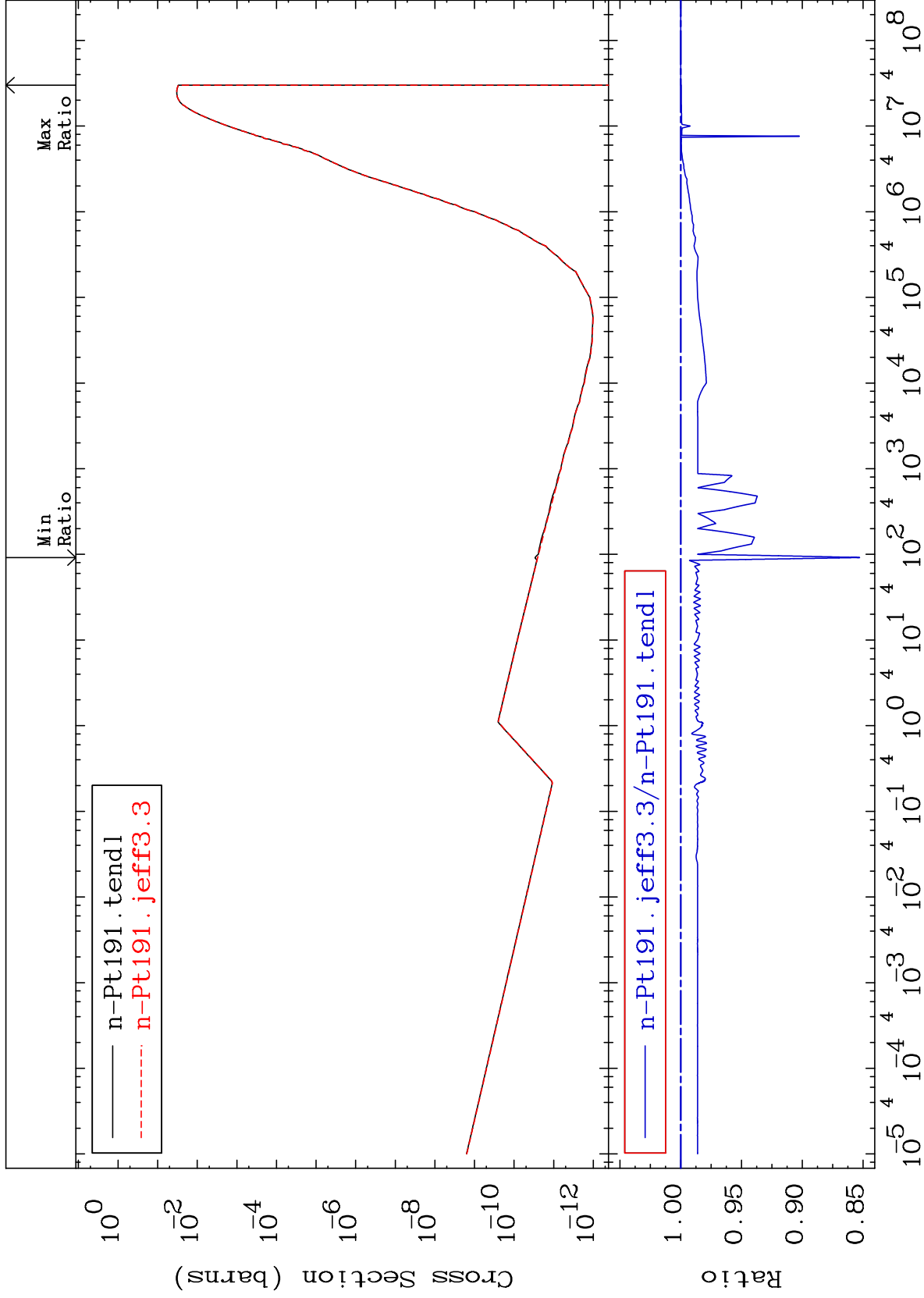
MAT 7828

(n, p)

78-Pt-191

Cross Section

-14.71 To 0.000 %

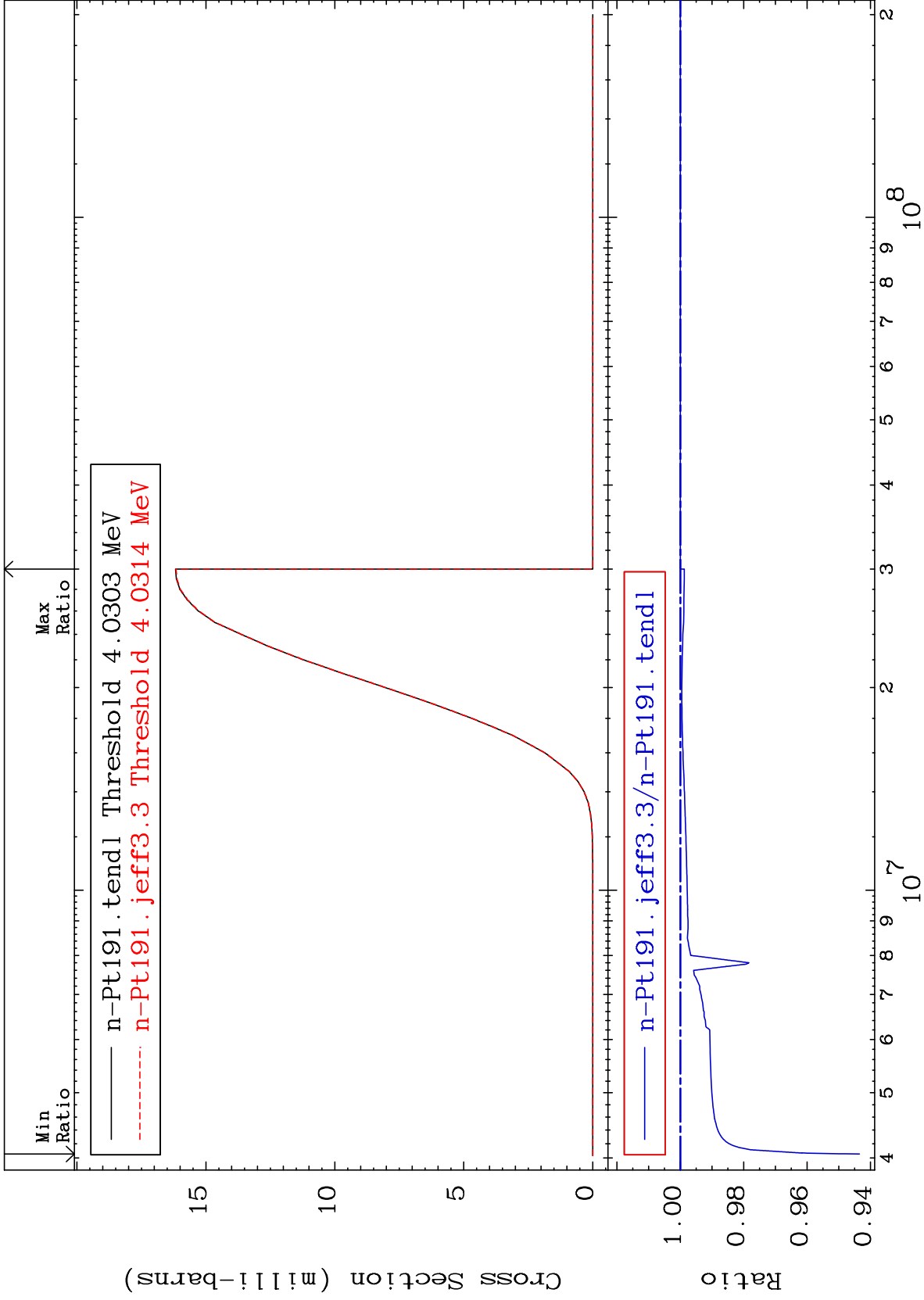


Incident Energy (eV)

78-Pt-191

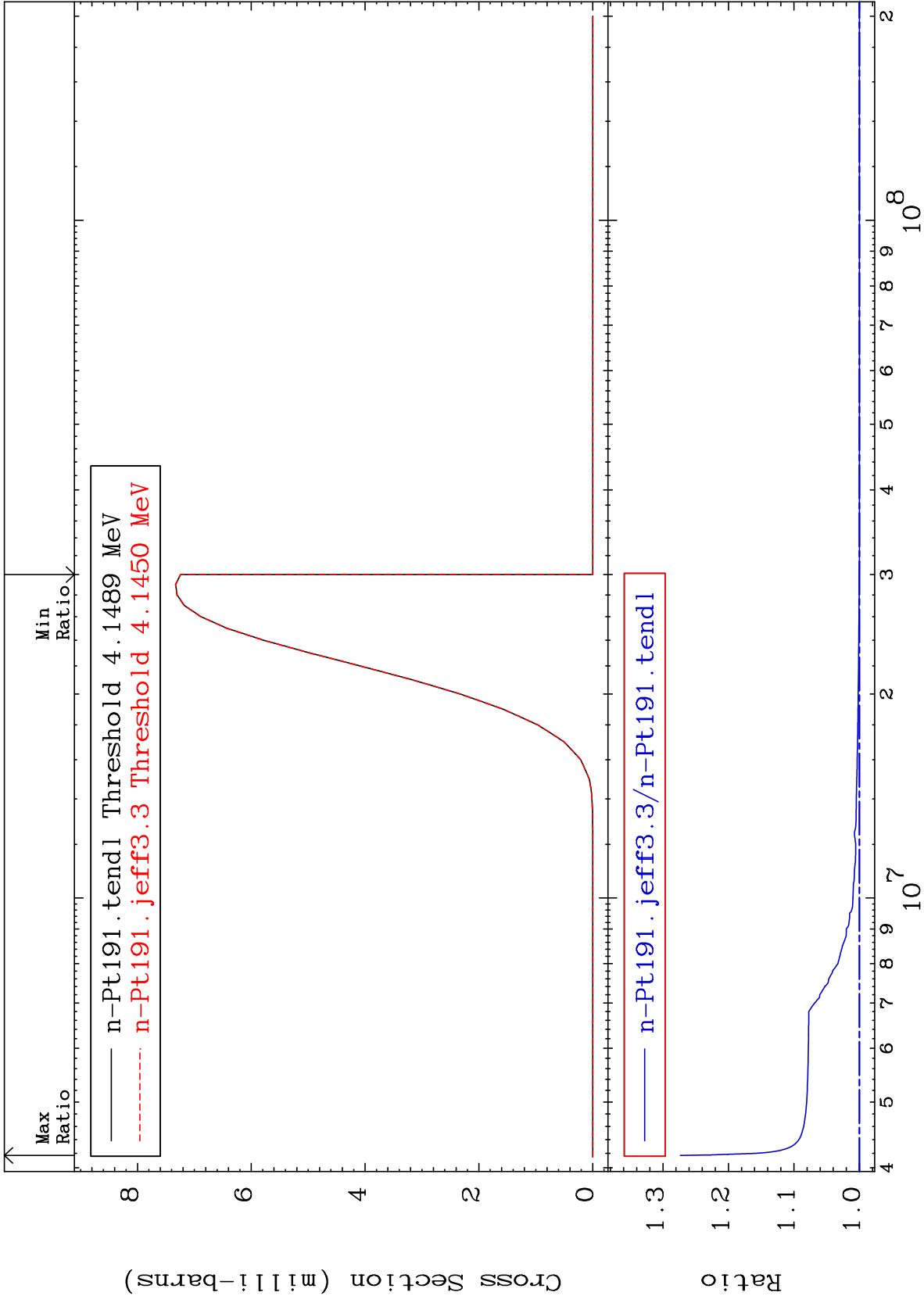
52

(n, d)
Cross Section
-5.652 To 0.000 %



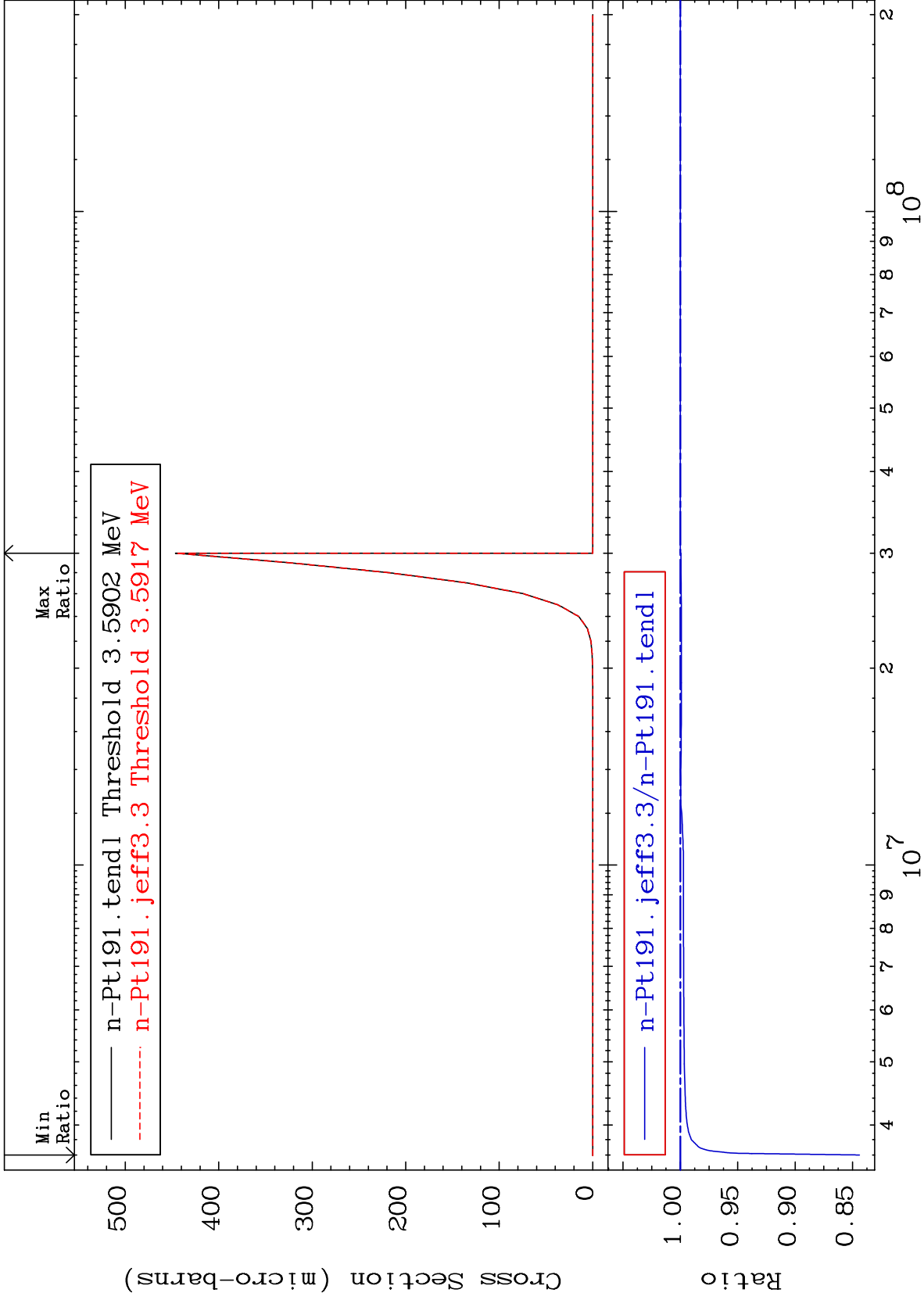
MAT 7828

(n, t)
Cross Section
78-Pt-191
0.000 To 27.34 %



Cross Section

-15.60 To 0.000 %



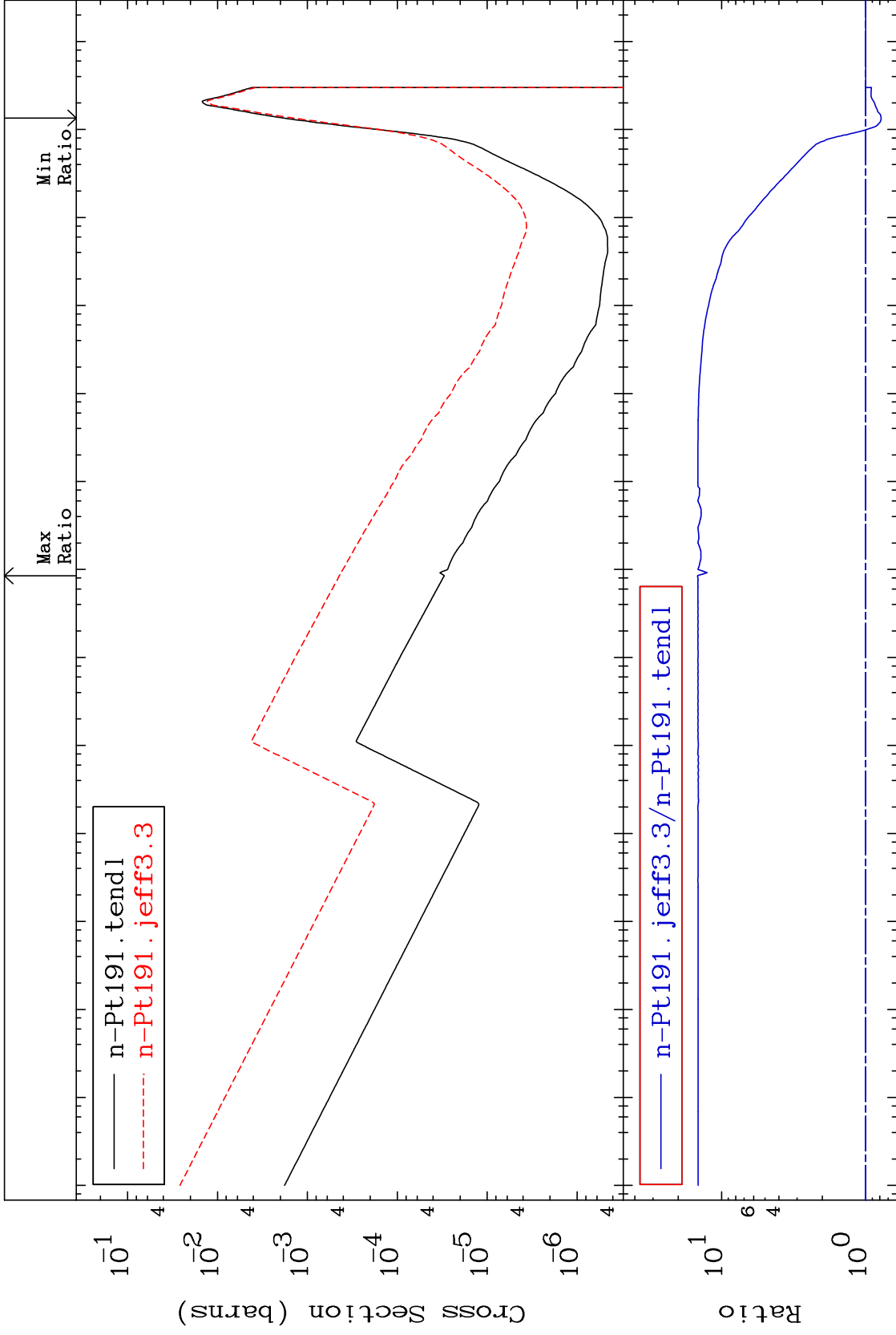
MAT 7828

(n, α)

78-Pt-191

Cross Section

-21.76 To 1371. %

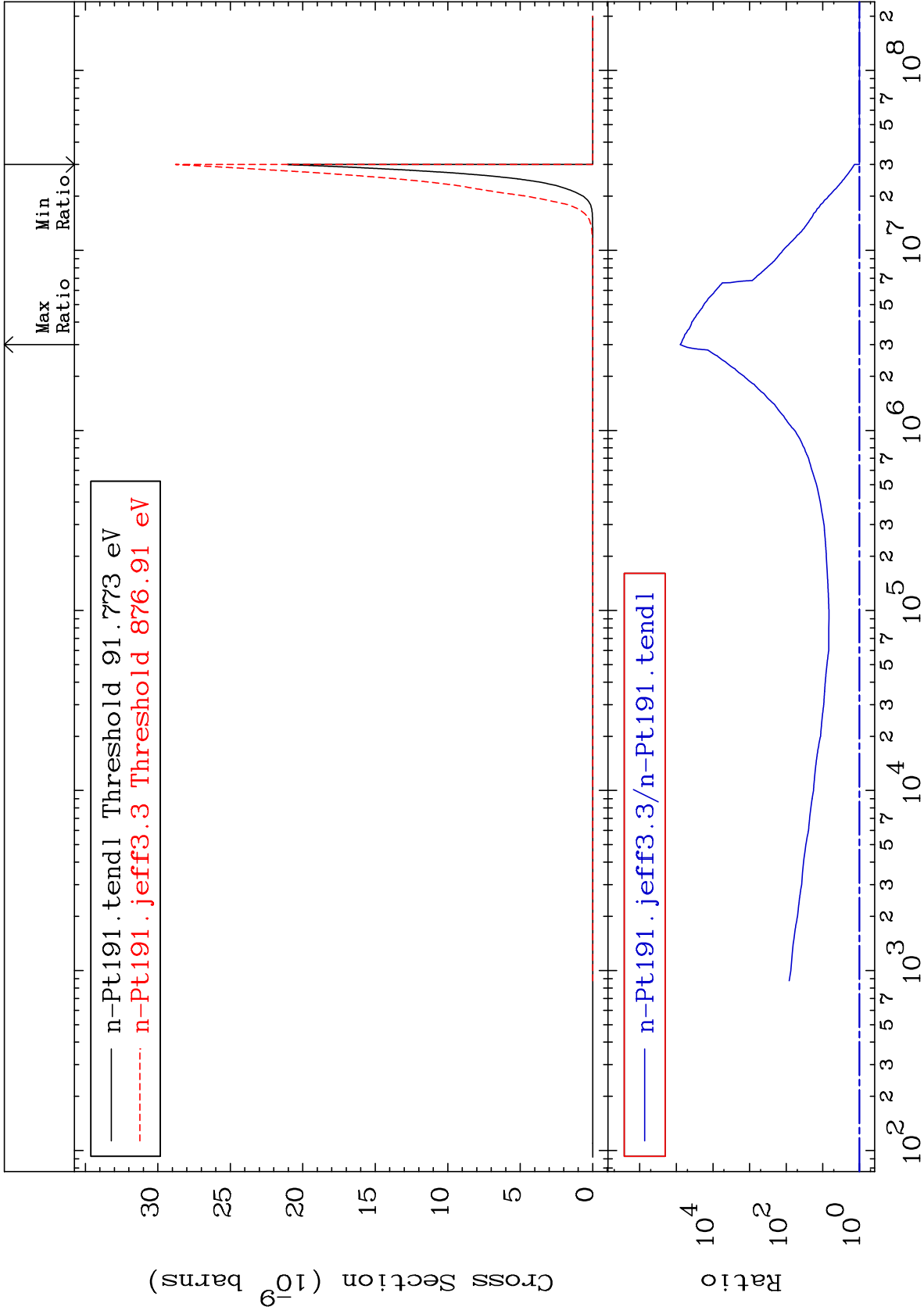


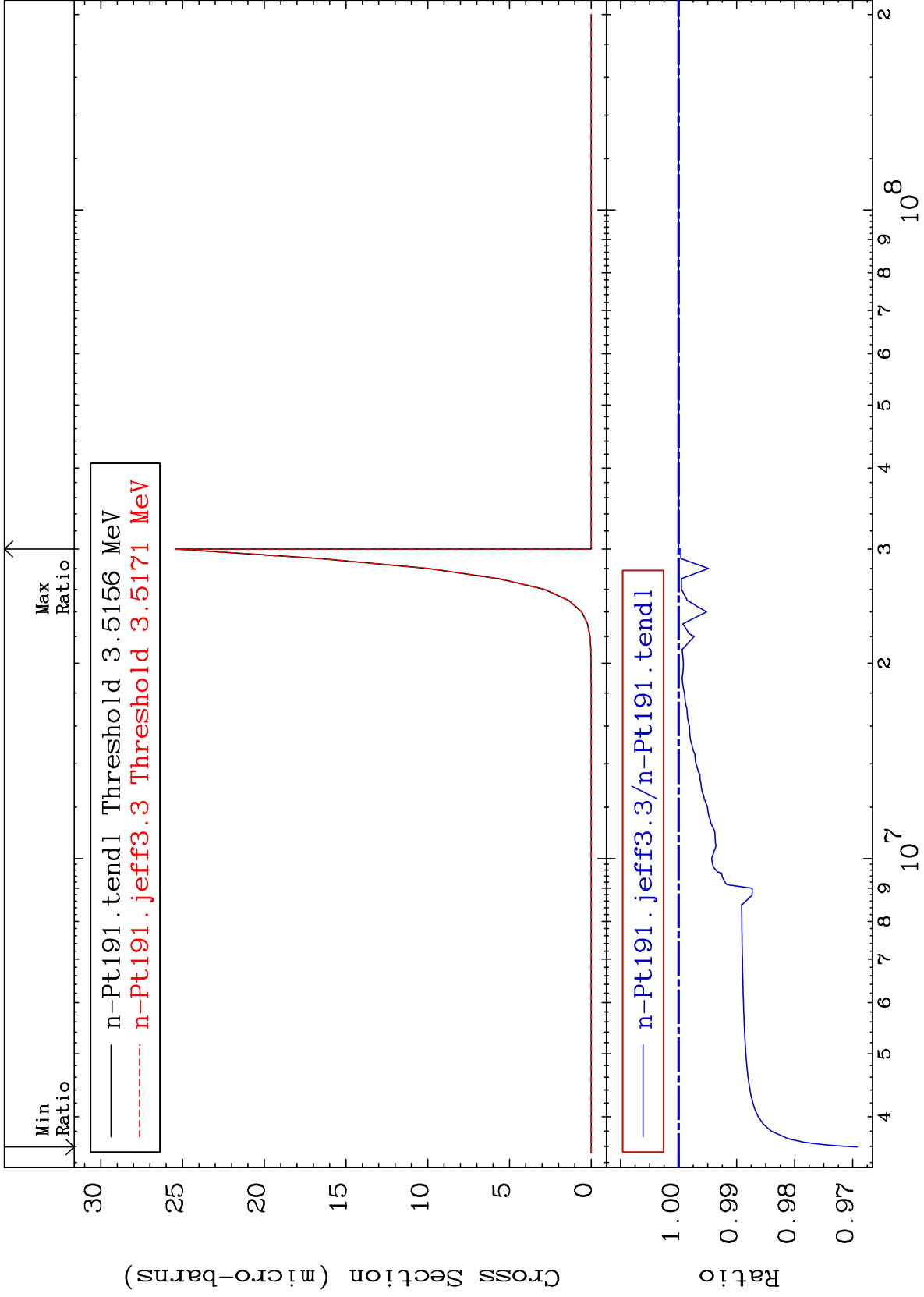
MAT 7828

(n,2α)

Cross Section

78-Pt-191
To 9999. %





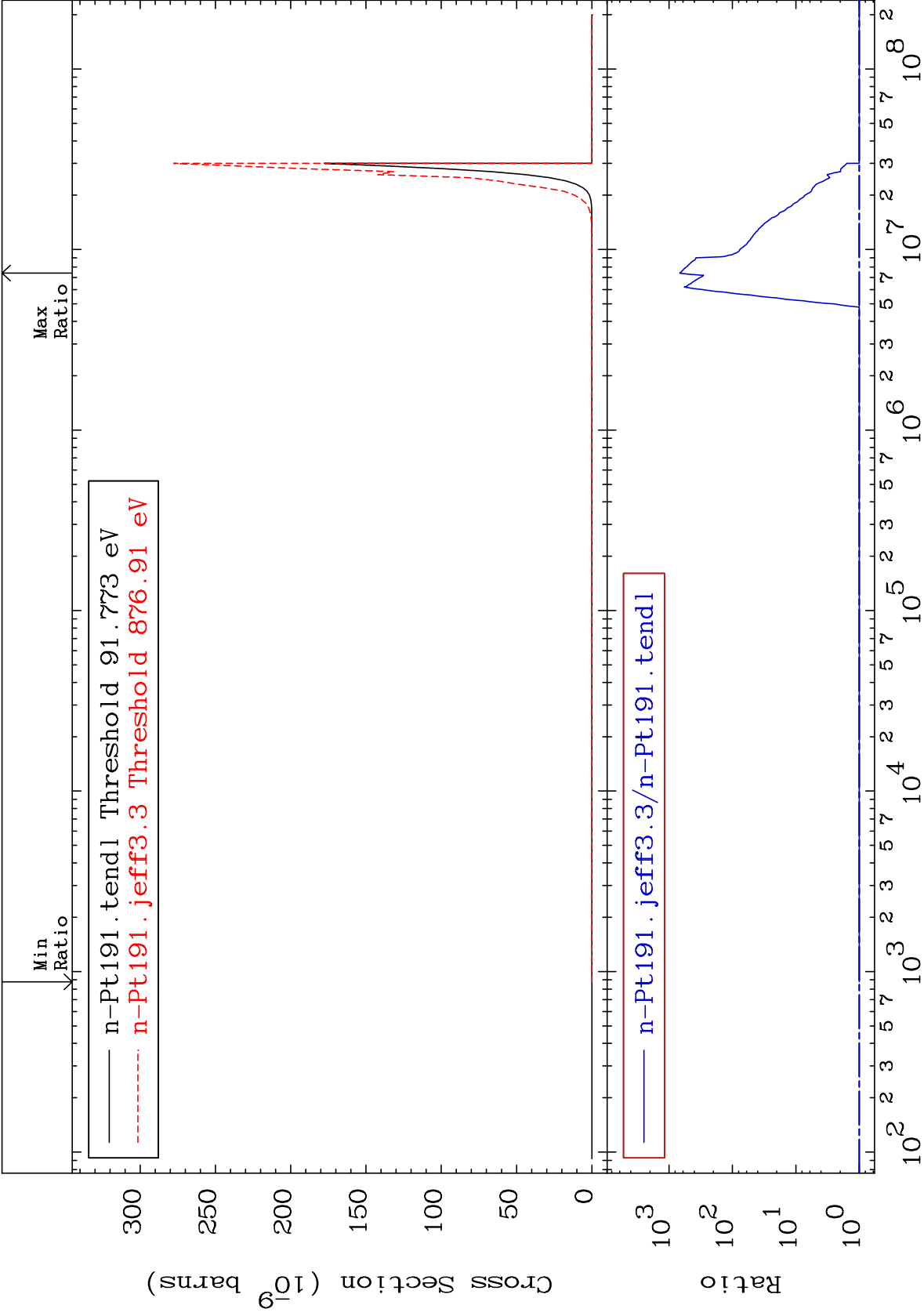
MAT 7828

(n, p) α

78-Pt-191

Cross Section

0.000 To 9999. %



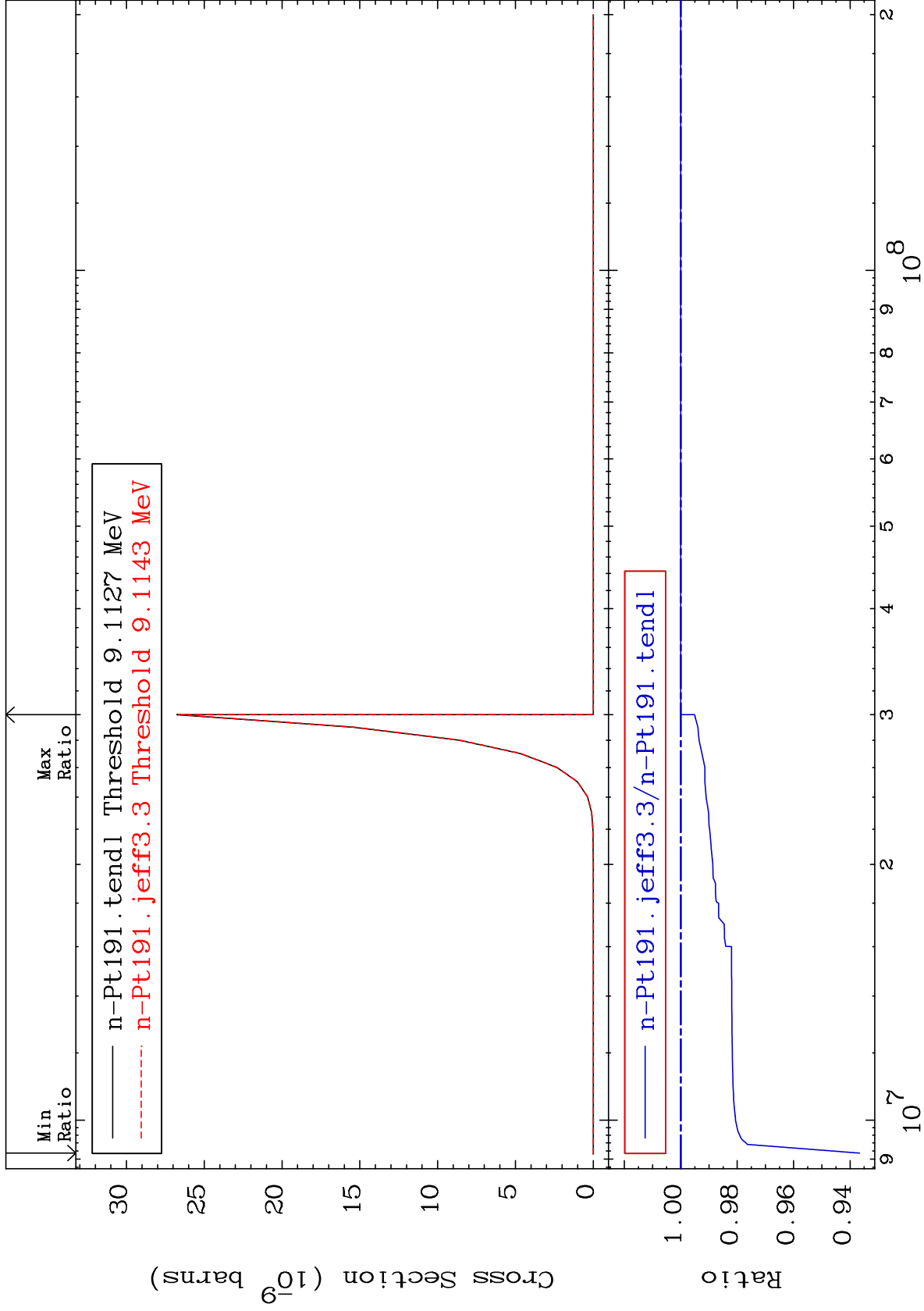
MAT 7828

(n,p) d

78-Pt-191

Cross Section

-6.335 To 0.000 %



60

Incident Energy (eV)

78-Pt-191

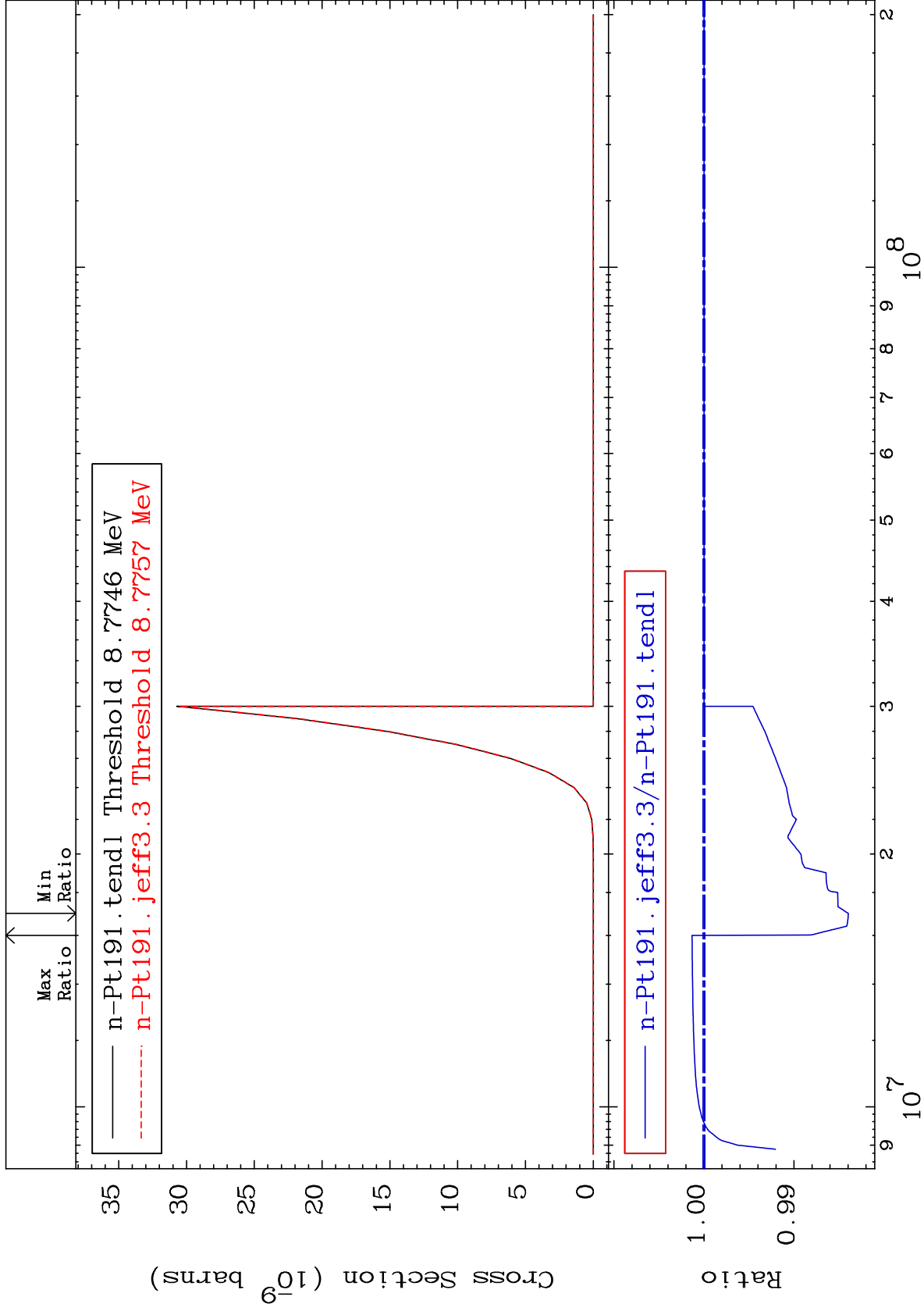
MAT 7828

(n,p) t

78-Pt-191

Cross Section

-1.603 To 0.133 %



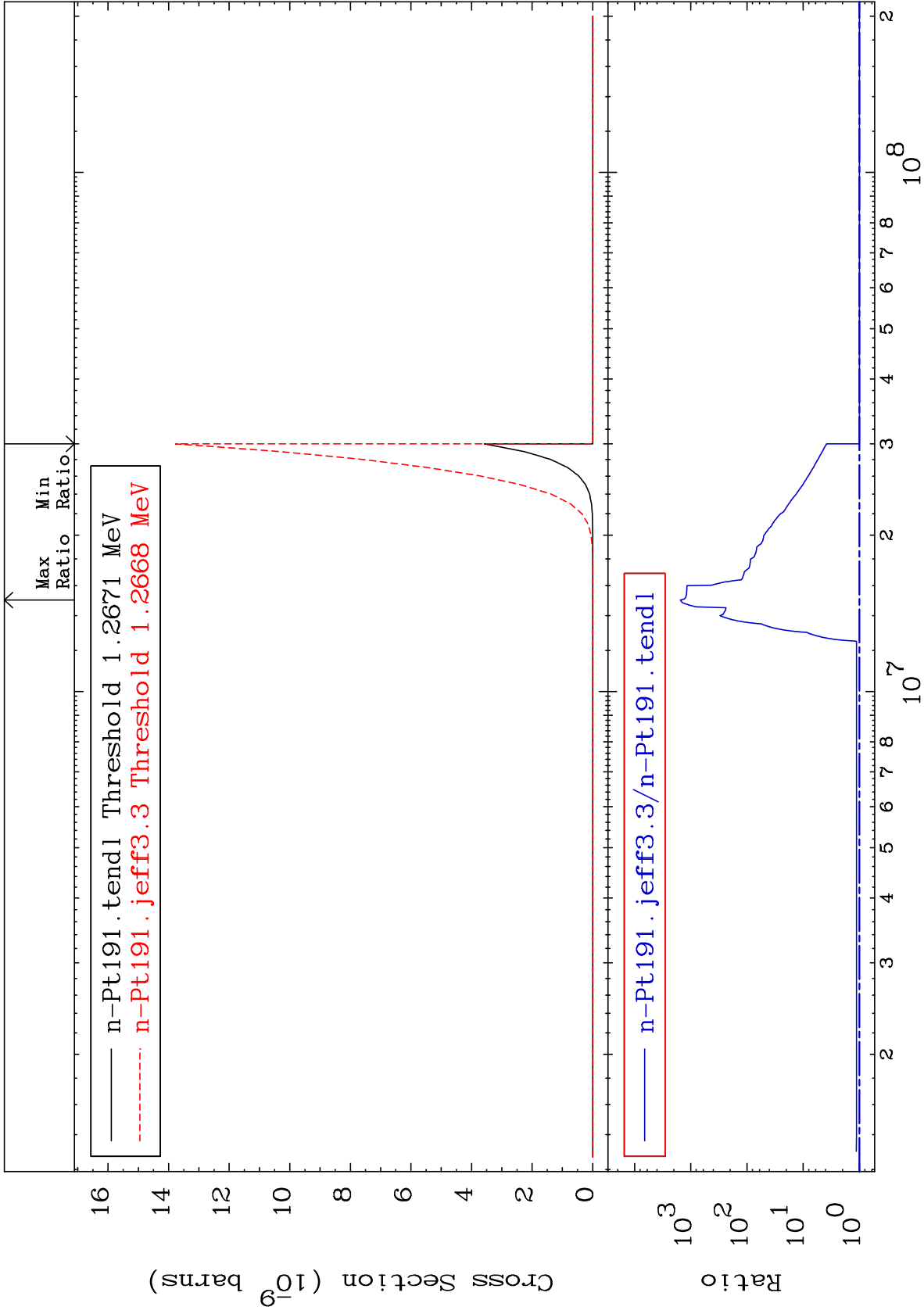
61

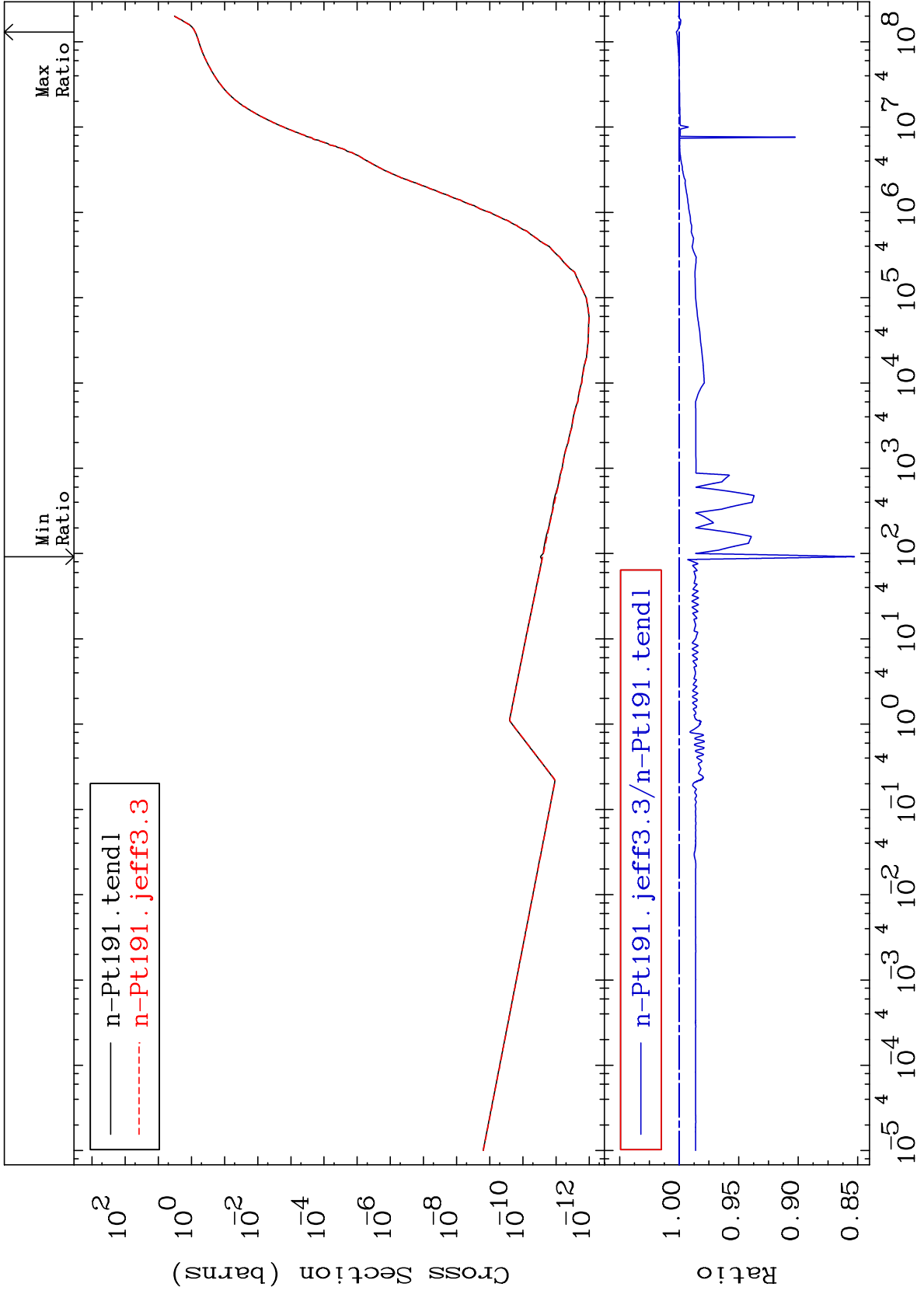
Incident Energy (eV)

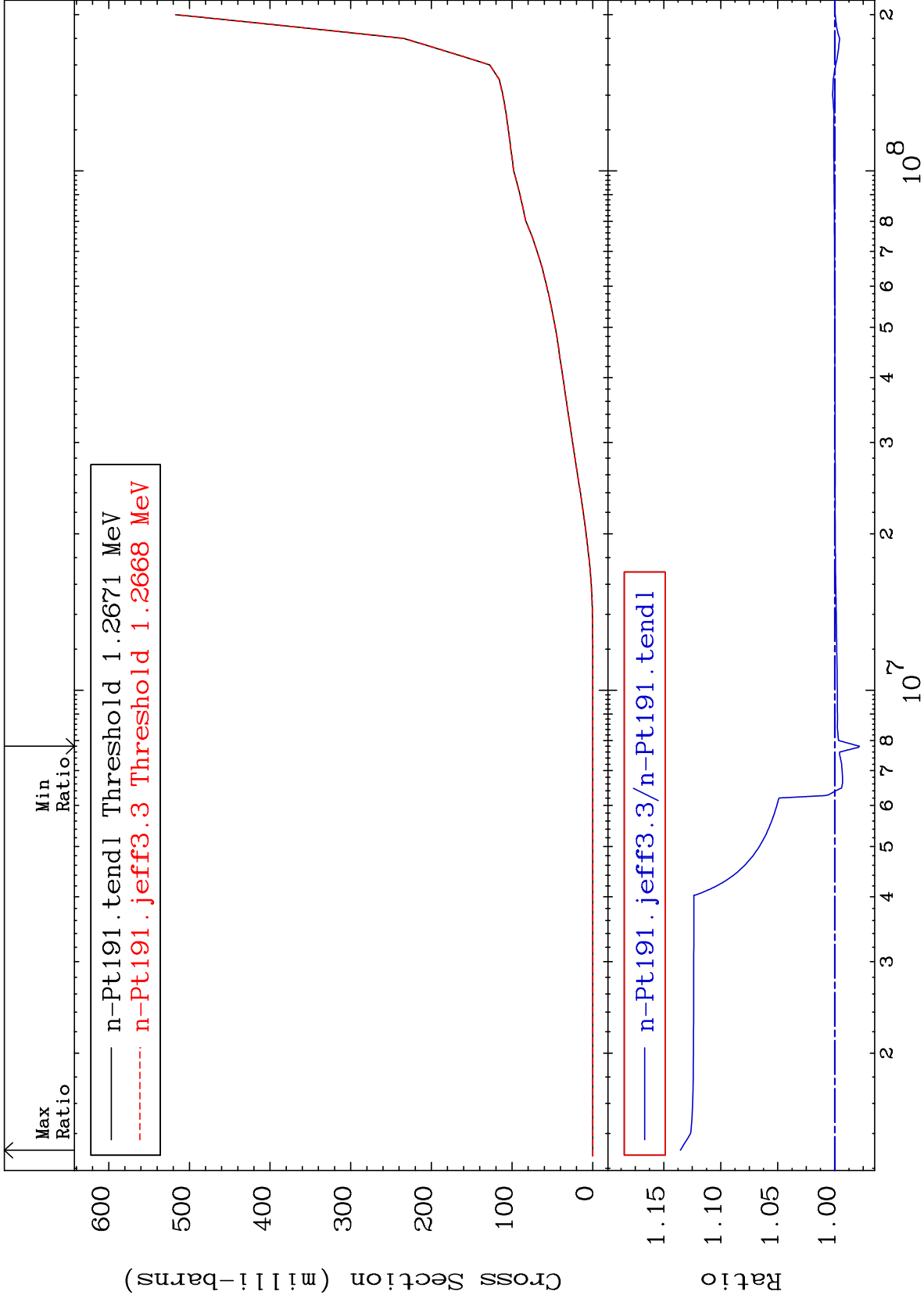
78-Pt-191

MAT 7828

(n, d) α
Cross Section
0.000 To 9999. %
78-Pt-191



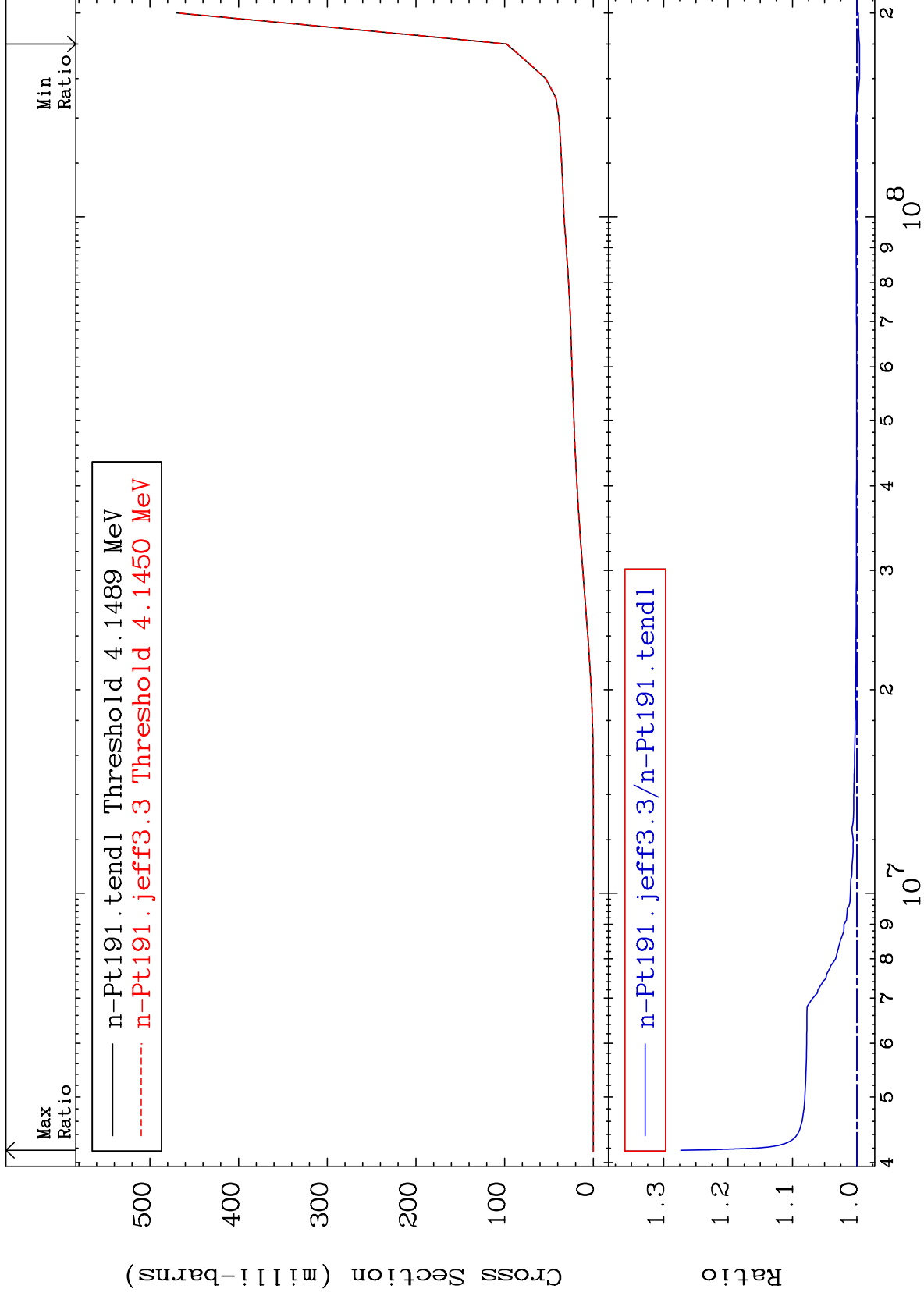


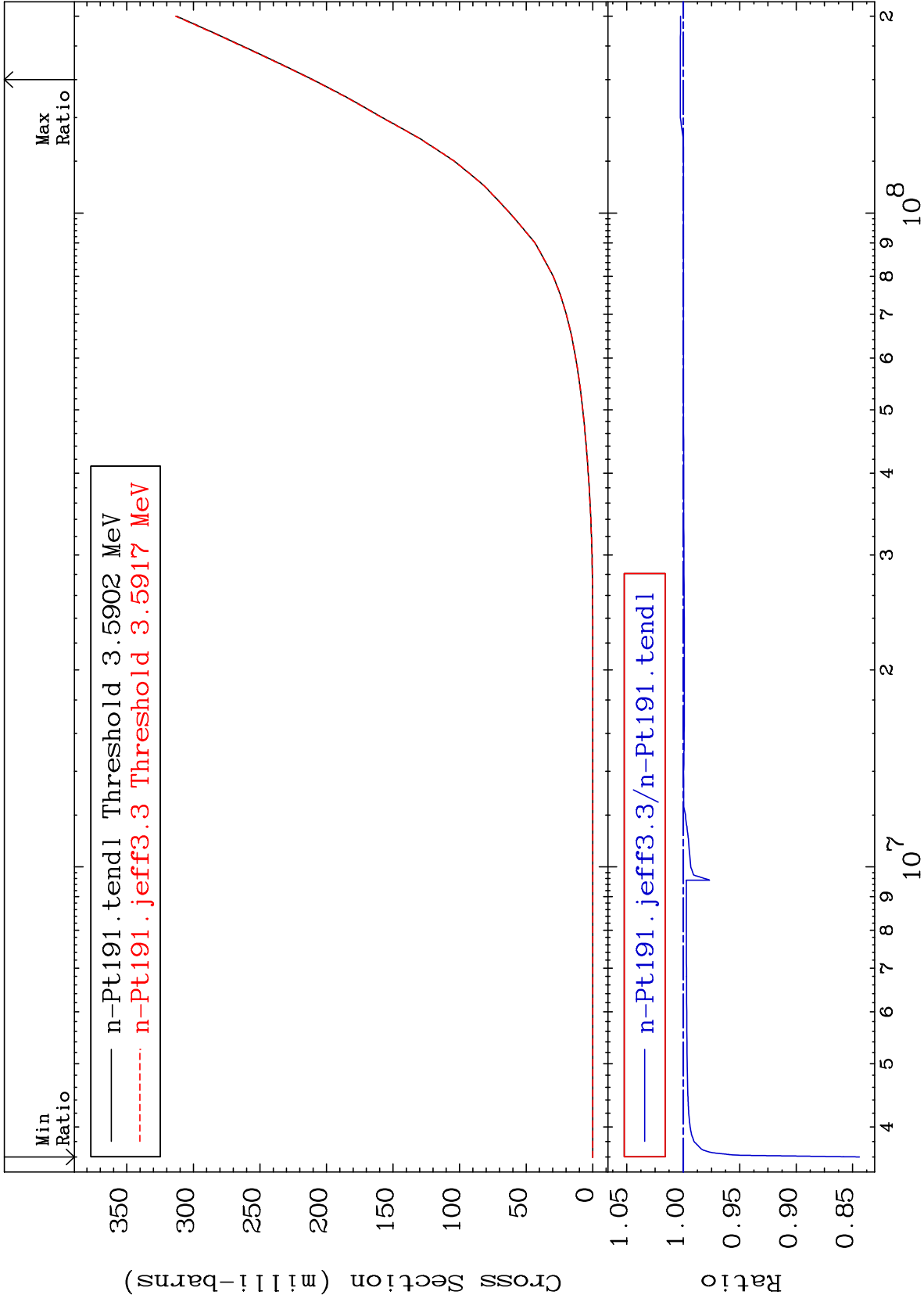


MAT 7828

Tritium Production
Cross Section

78-Pt-191
-0.419 To 27.34 %

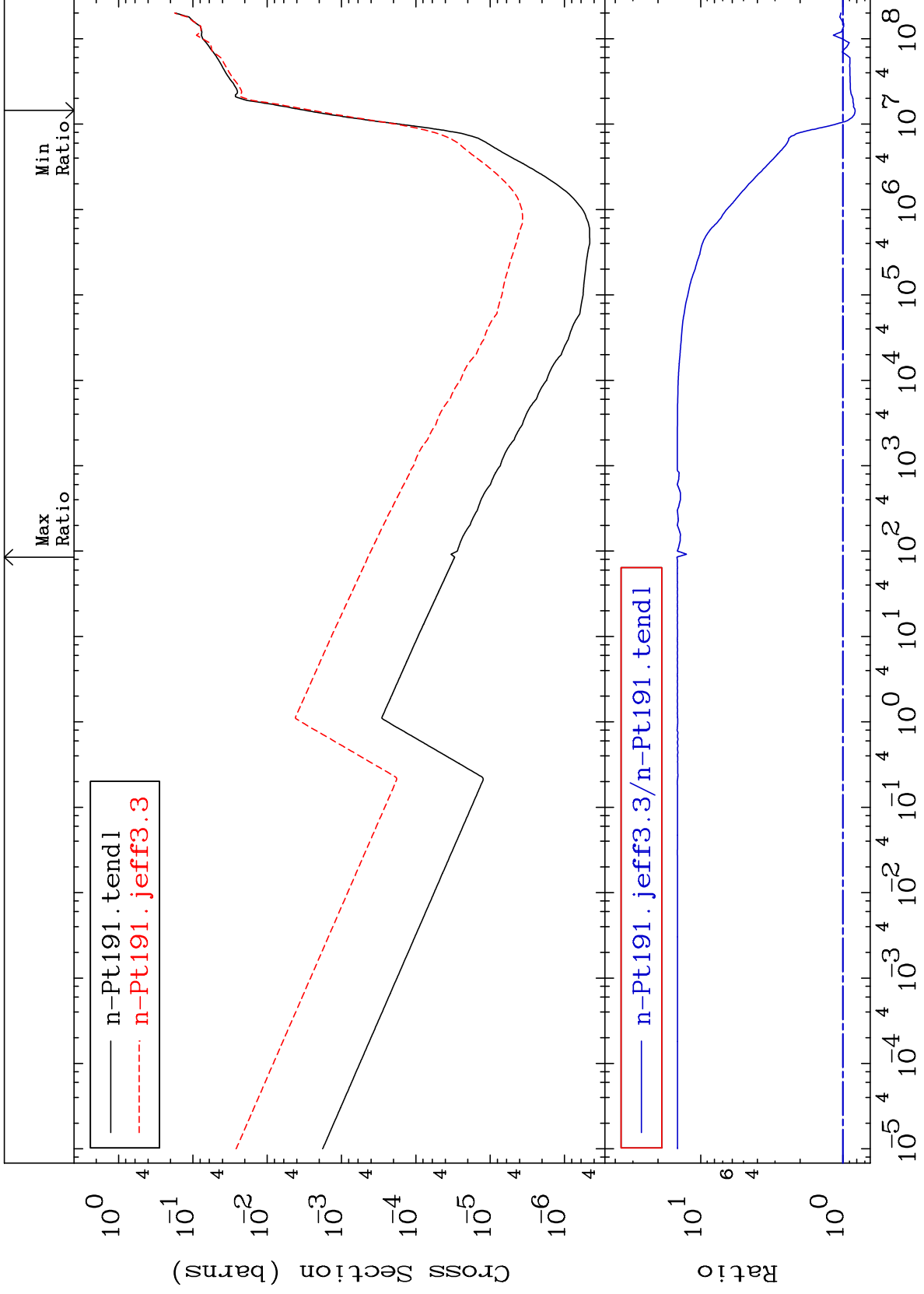




MAT 7828

He-4 Production
Cross Section

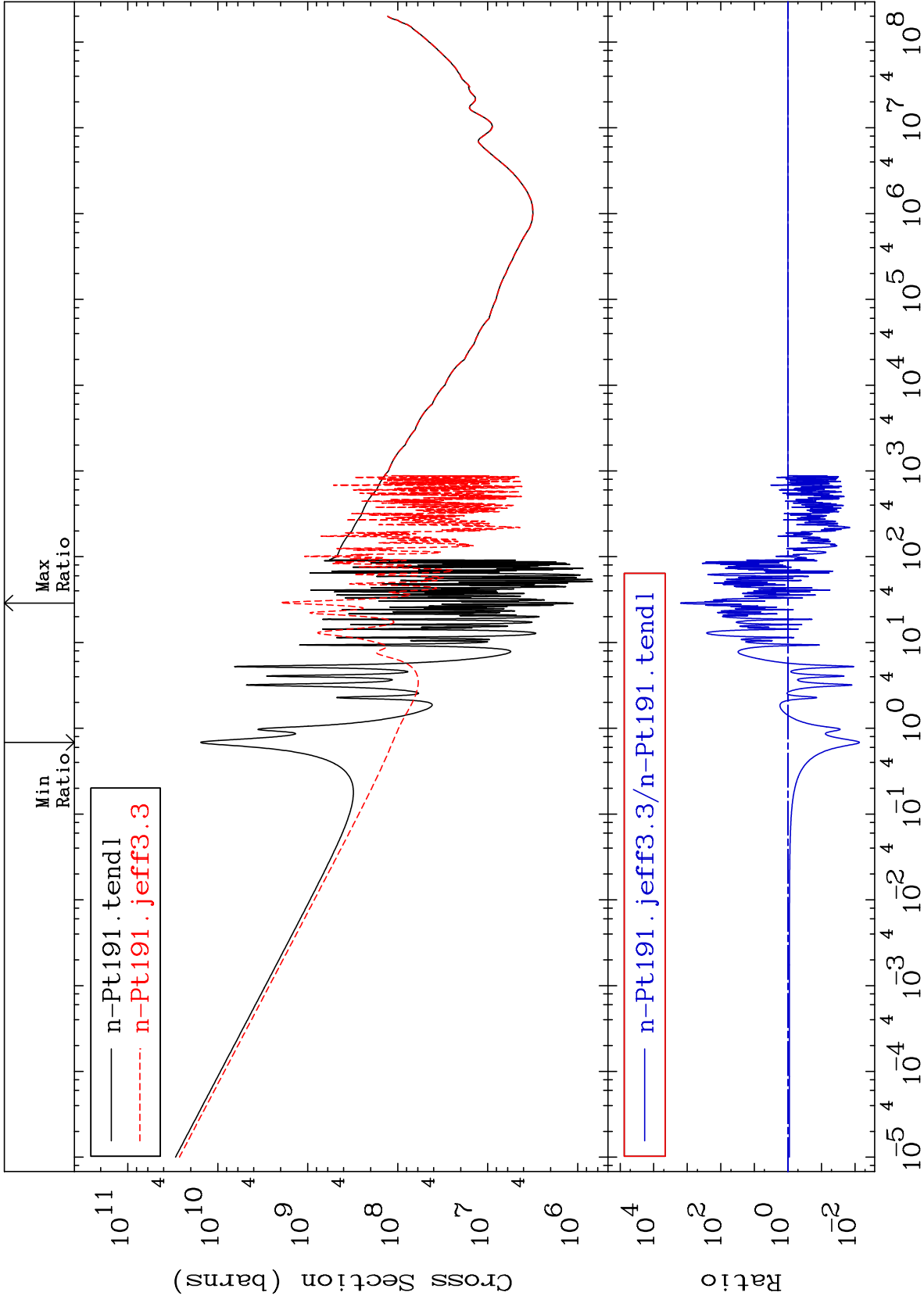
78-Pt-191
-17.94 To 1371. %

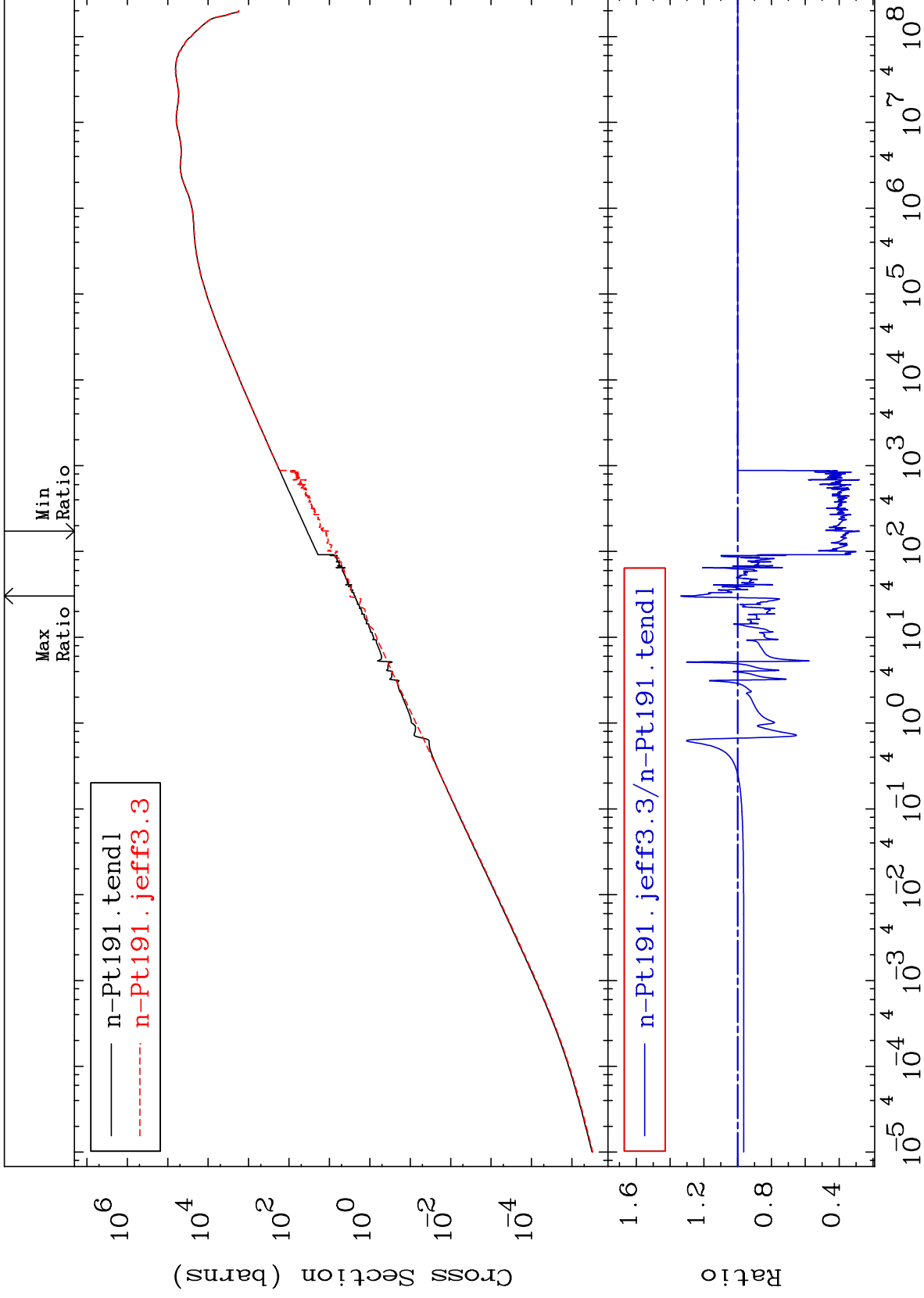


67

Incident Energy (eV)

78-Pt-191

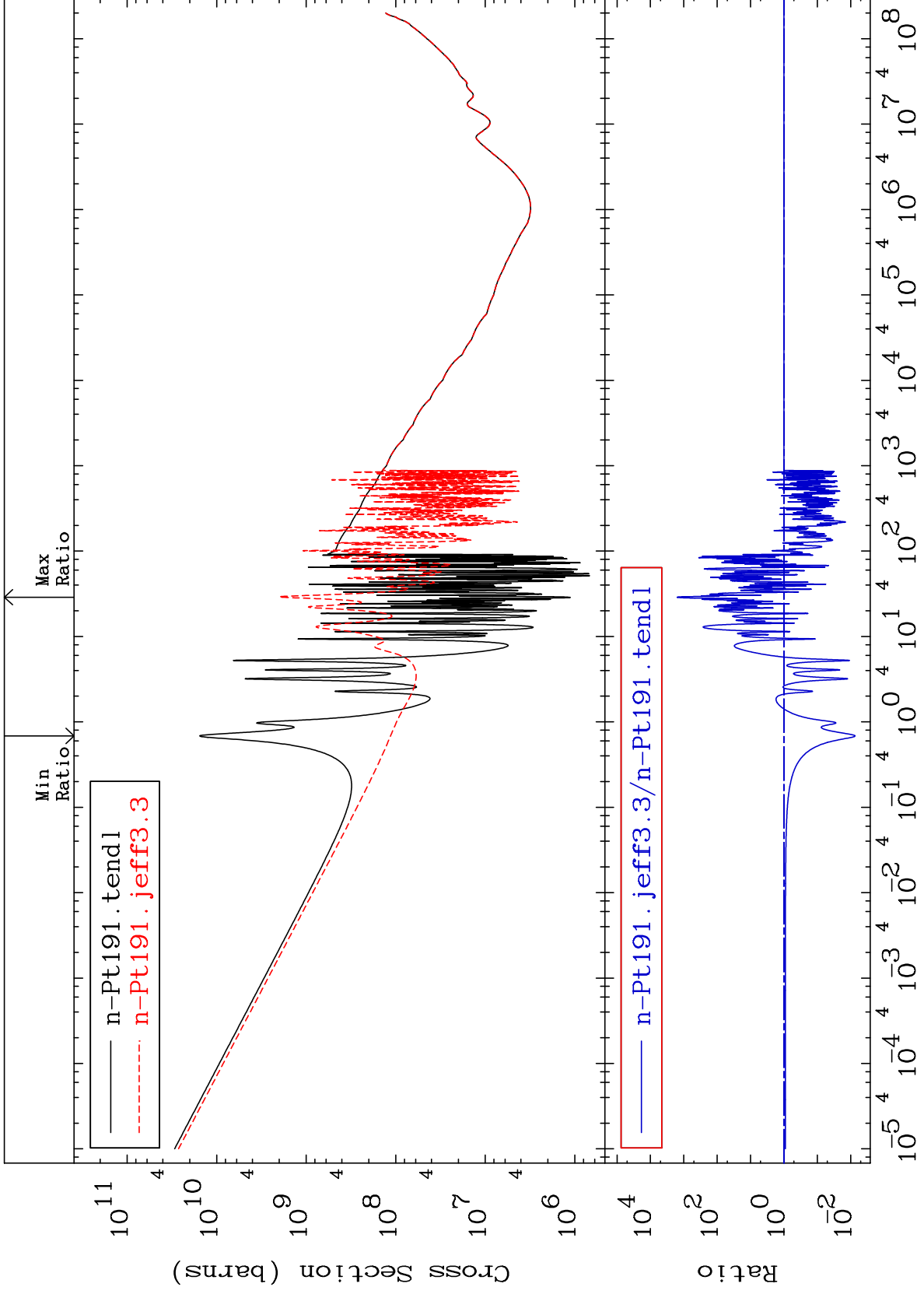




MAT 7828

Kerma non-elastic (all but mt2)
Cross Section

78-Pt-191
-99.26 To 9999. %



70

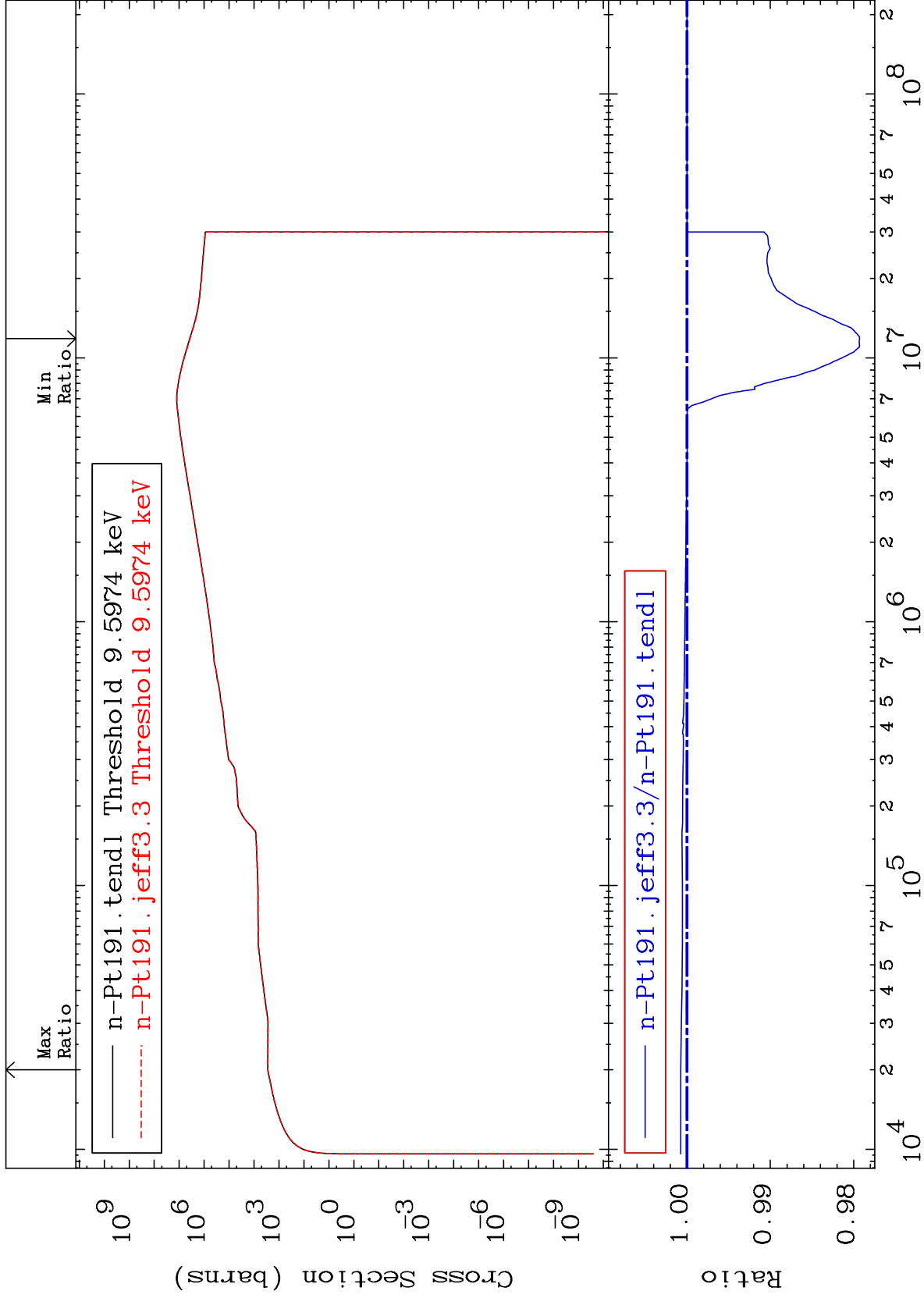
Incident Energy (eV)

78-Pt-191

MAT 7828

Kerma inelastic (mt51-91)
Cross Section

78-Pt-191
-2.070 To 0.075 %



71

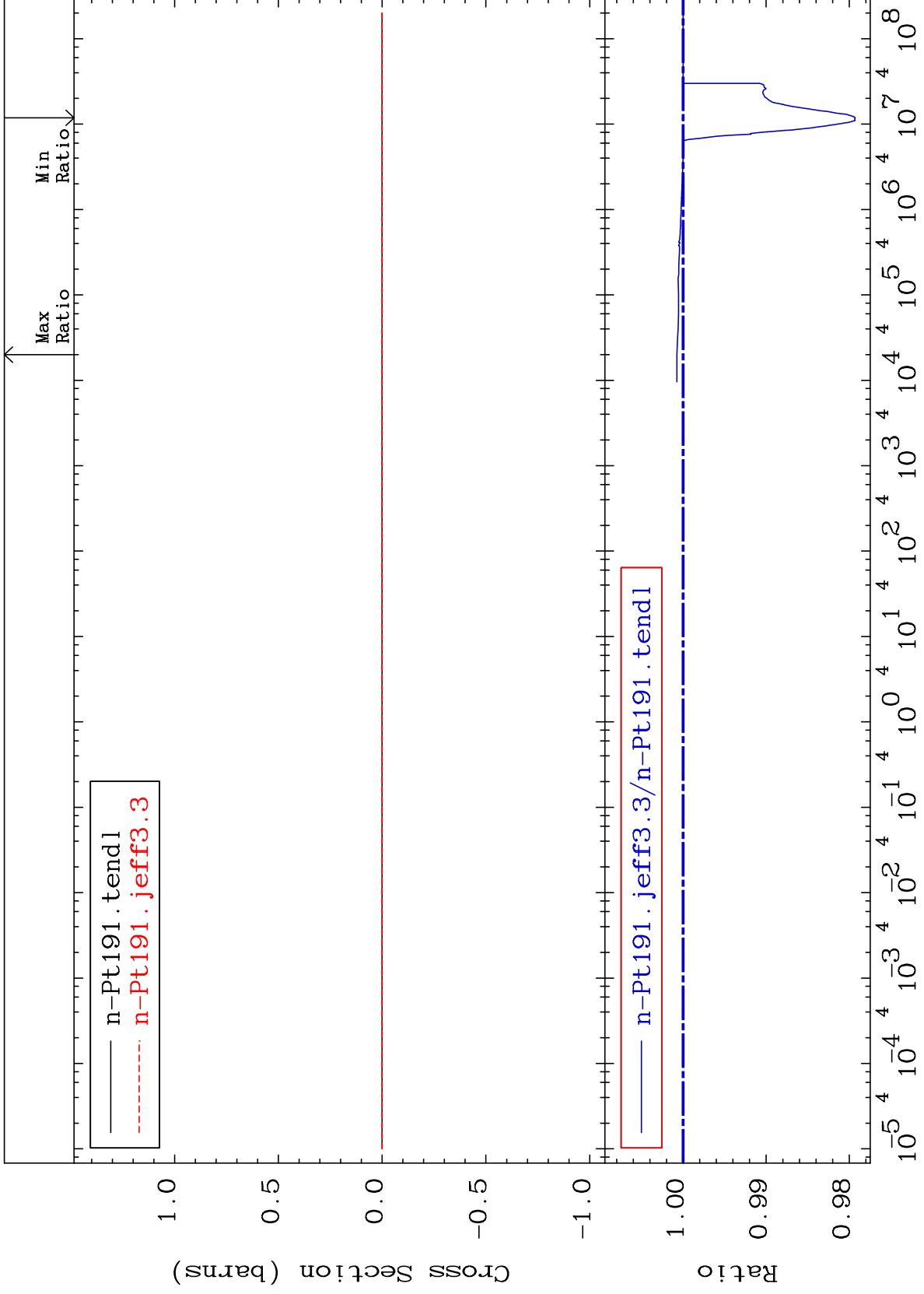
Incident Energy (eV)

78-Pt-191

MAT 7828

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

78-Pt-191
-2.070 To 0.075 %



72

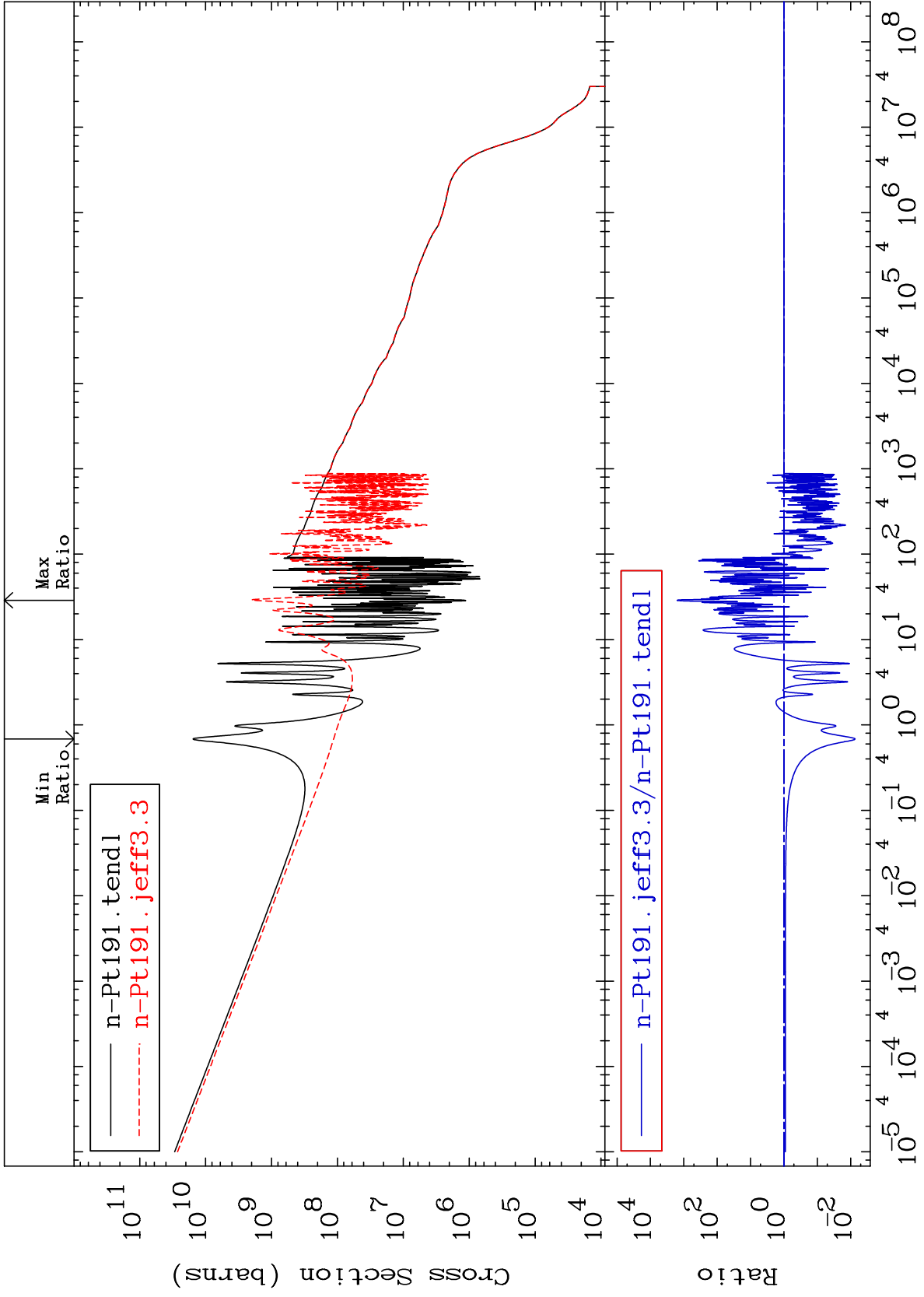
Incident Energy (eV)

78-Pt-191

MAT 7828

Kerma capture (mt102)
Cross Section

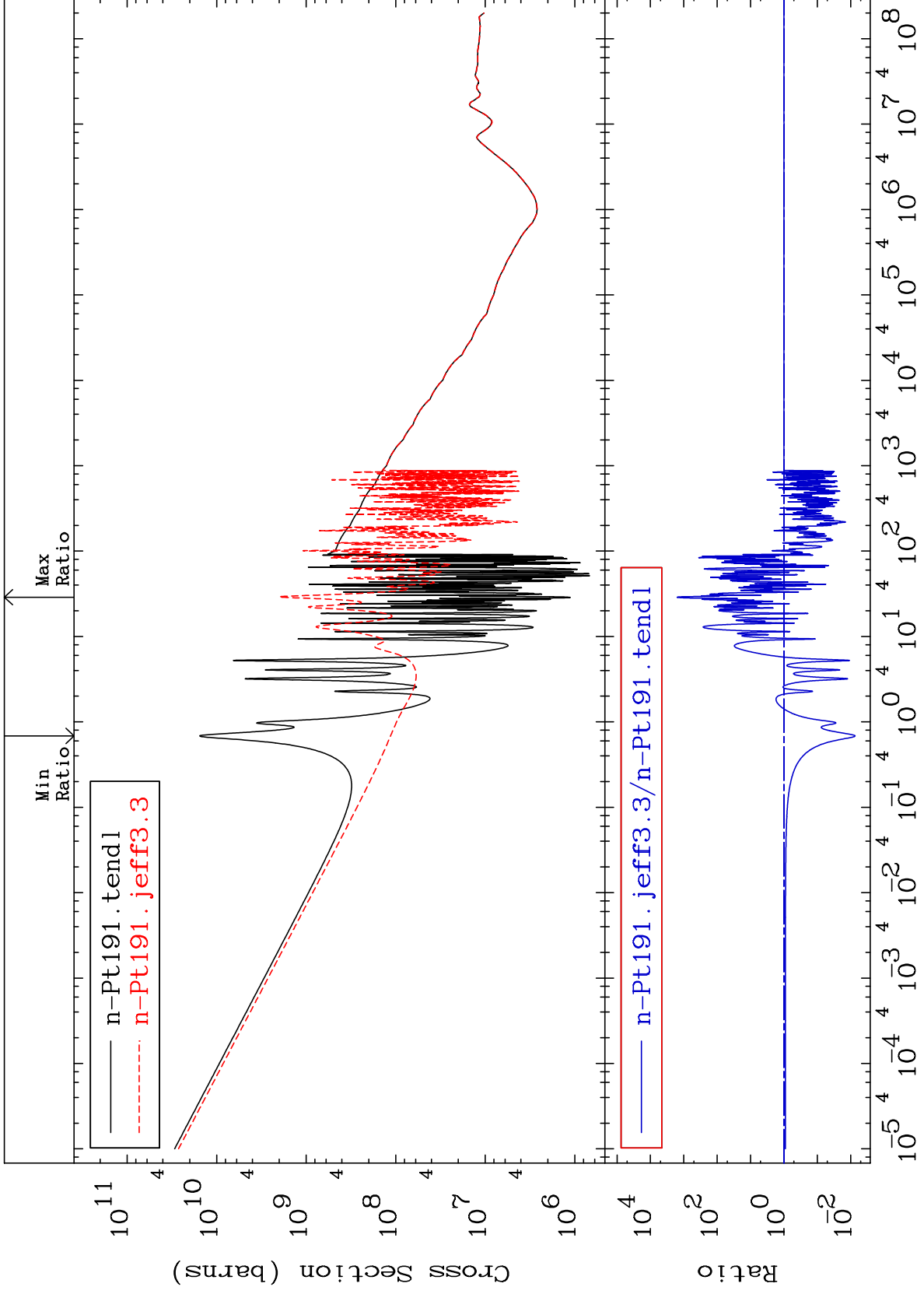
78-Pt-191
-99.26 To 9999. %



MAT 7828

Total photon (eV-barns)
Cross Section

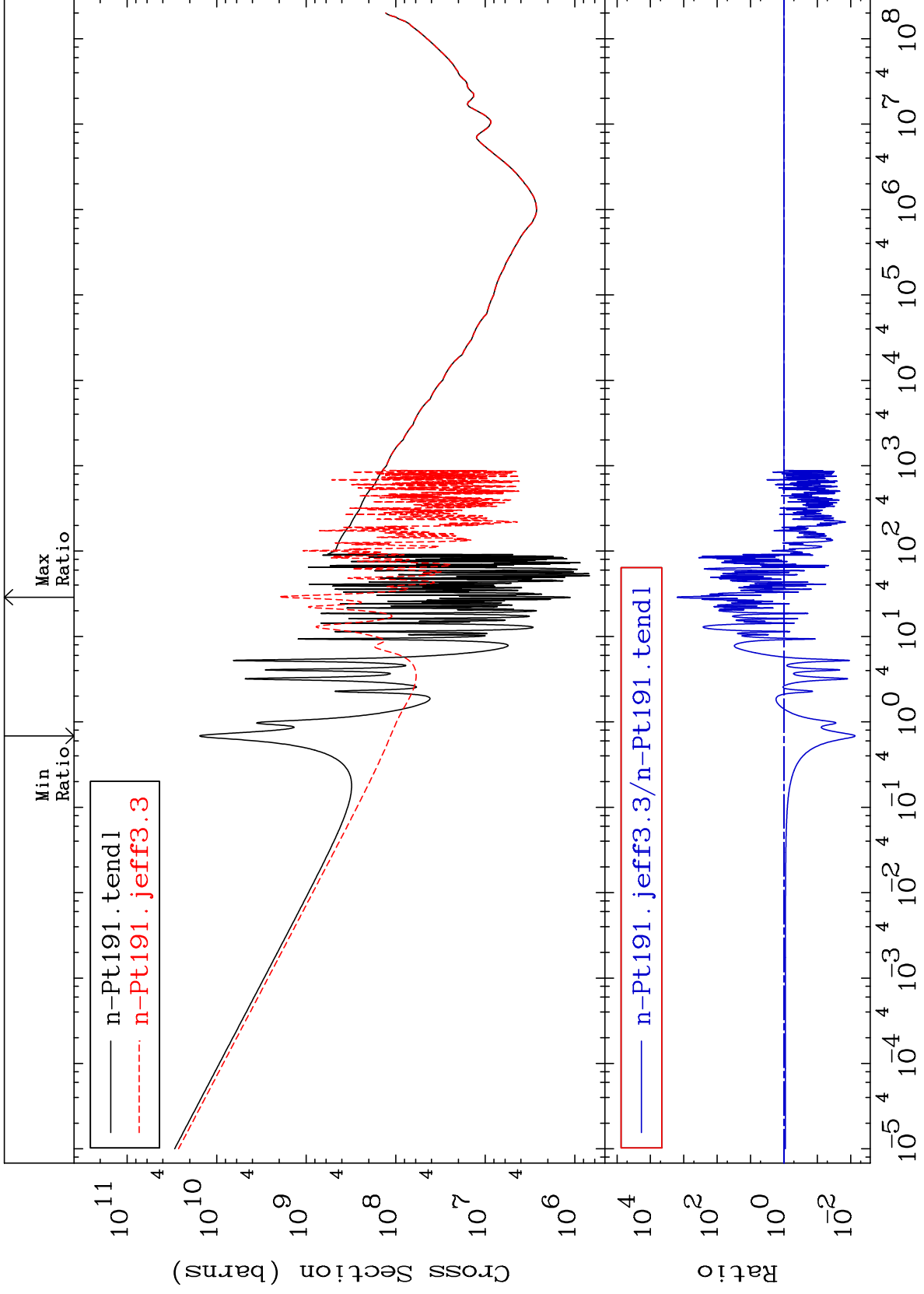
78-Pt-191
-99.26 To 9999. %



74

Incident Energy (eV)

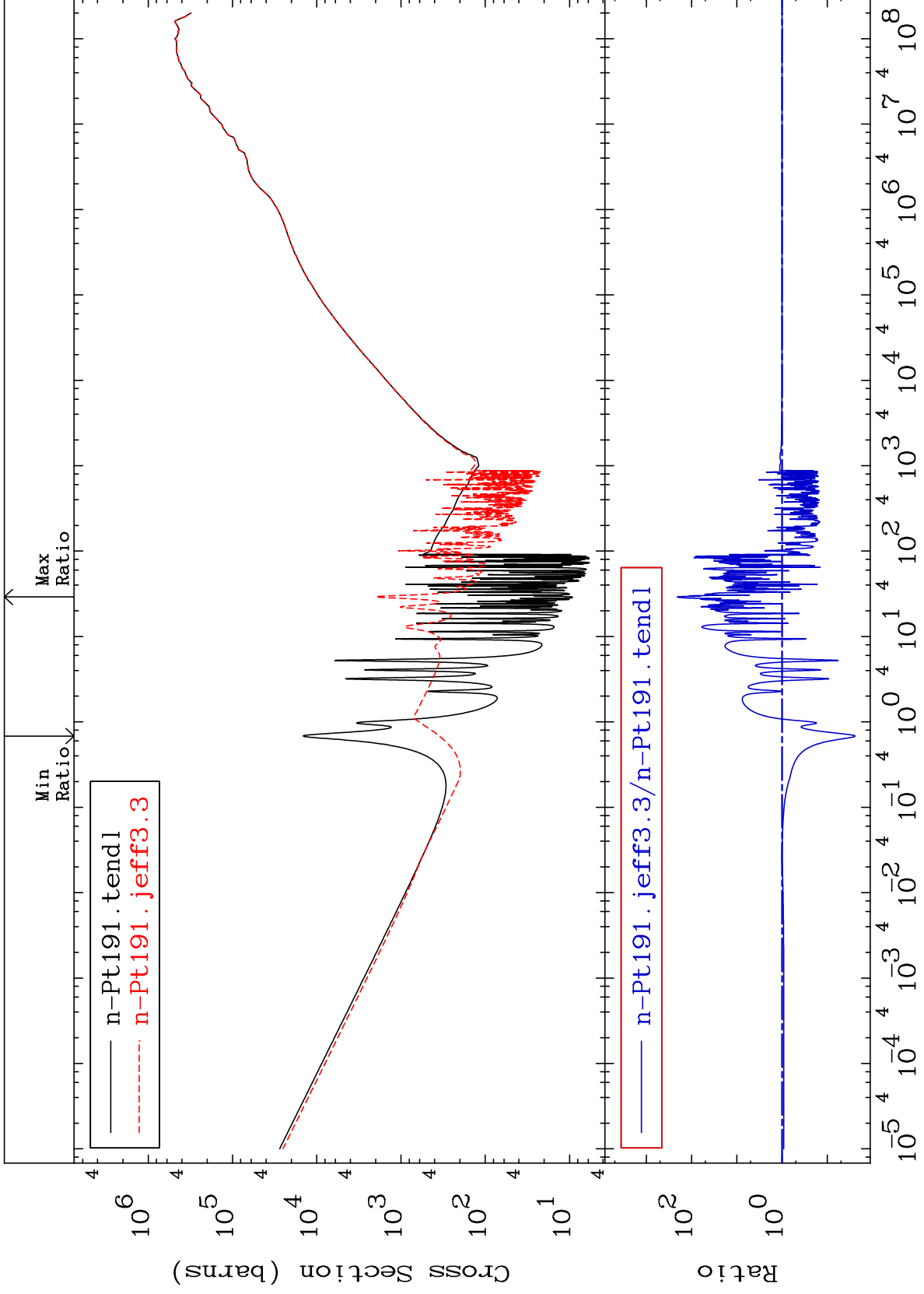
78-Pt-191



MAT 7828

Dpa total (eV-barns)
Cross Section

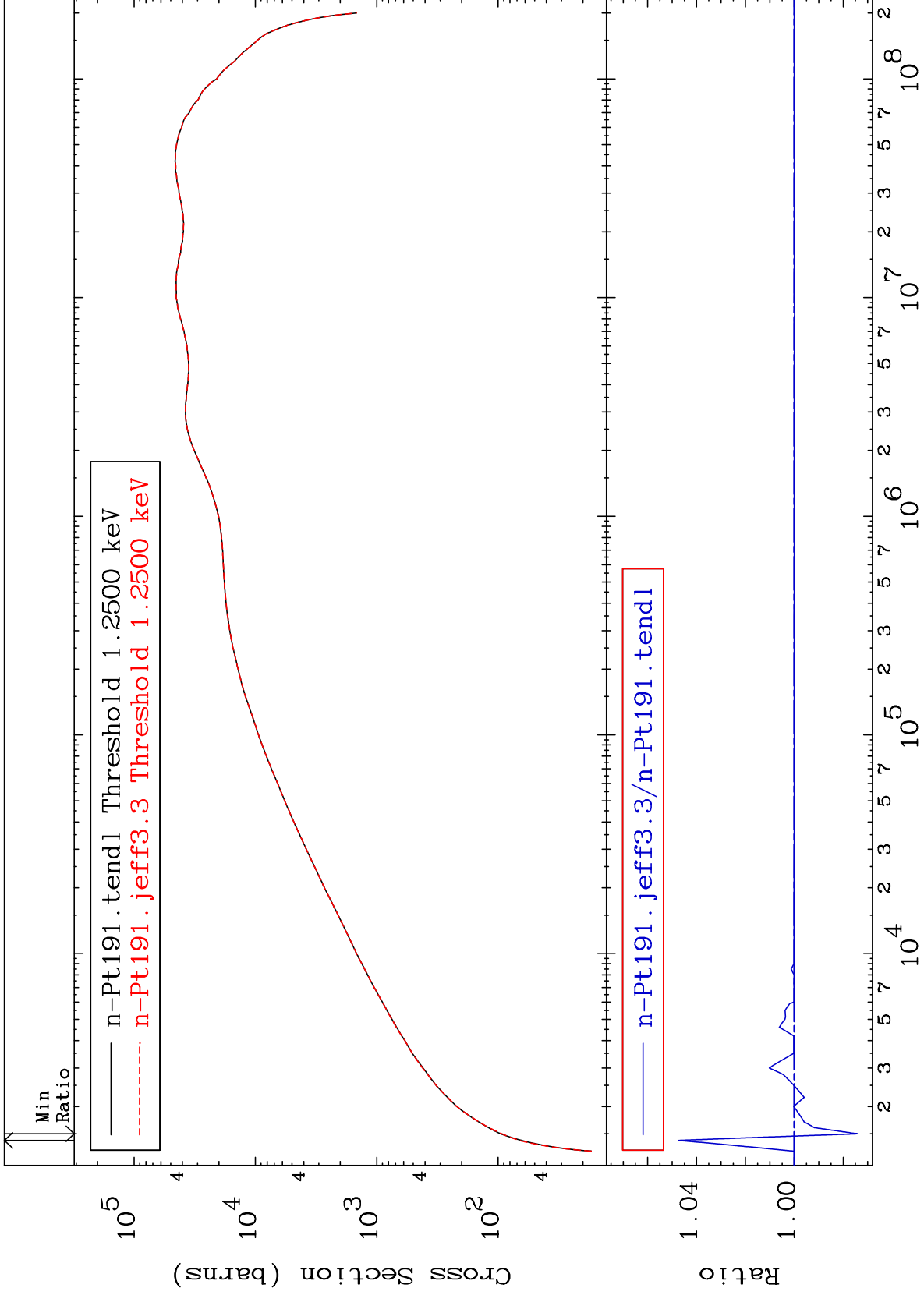
78-Pt-191
-97.57 To 9999. %



76

Incident Energy (eV)

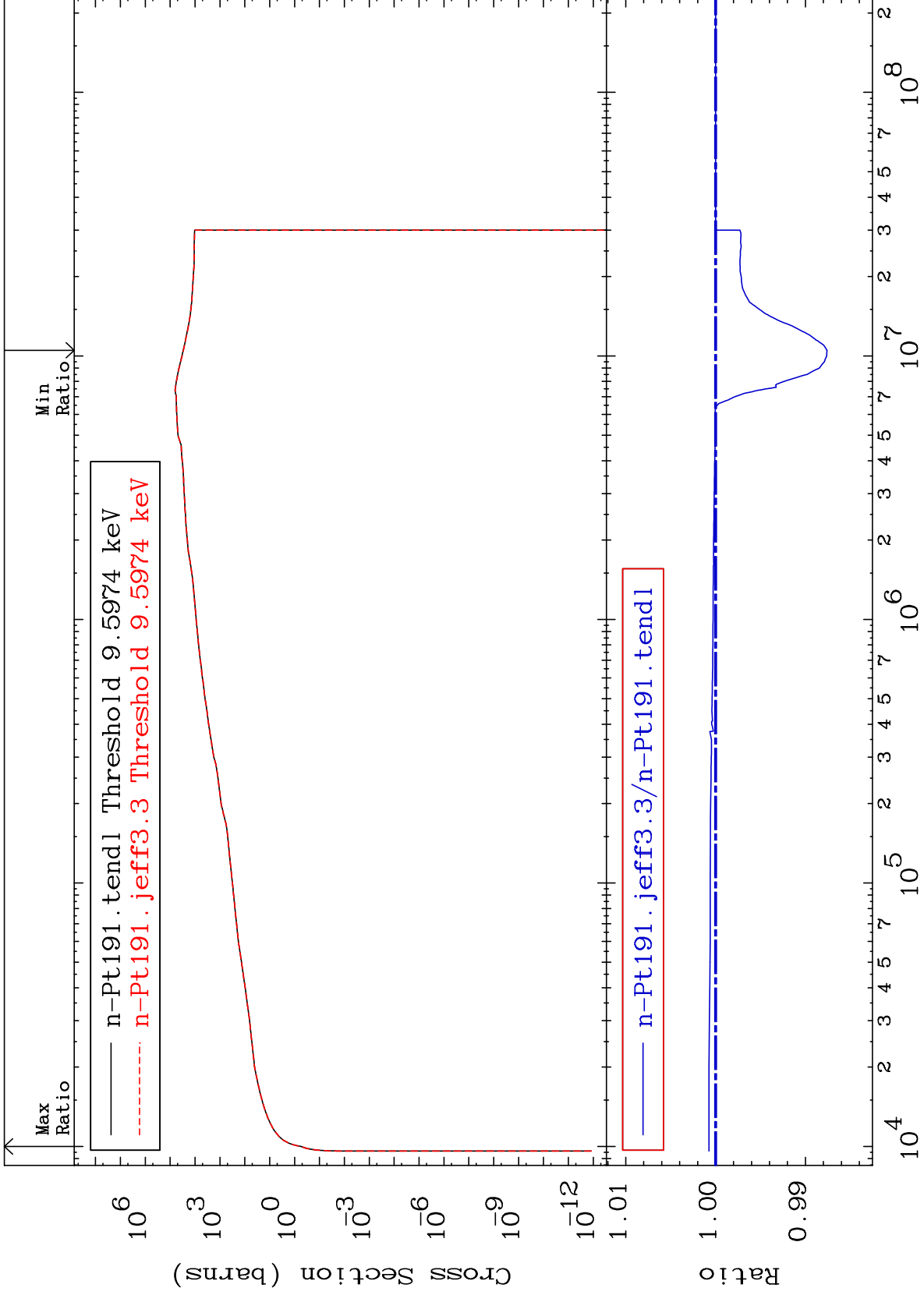
78-Pt-191



MAT 7828

Dpa inelastic (mt51-91)
Cross Section

78-Pt-191
-1.240 To 0.075 %



78

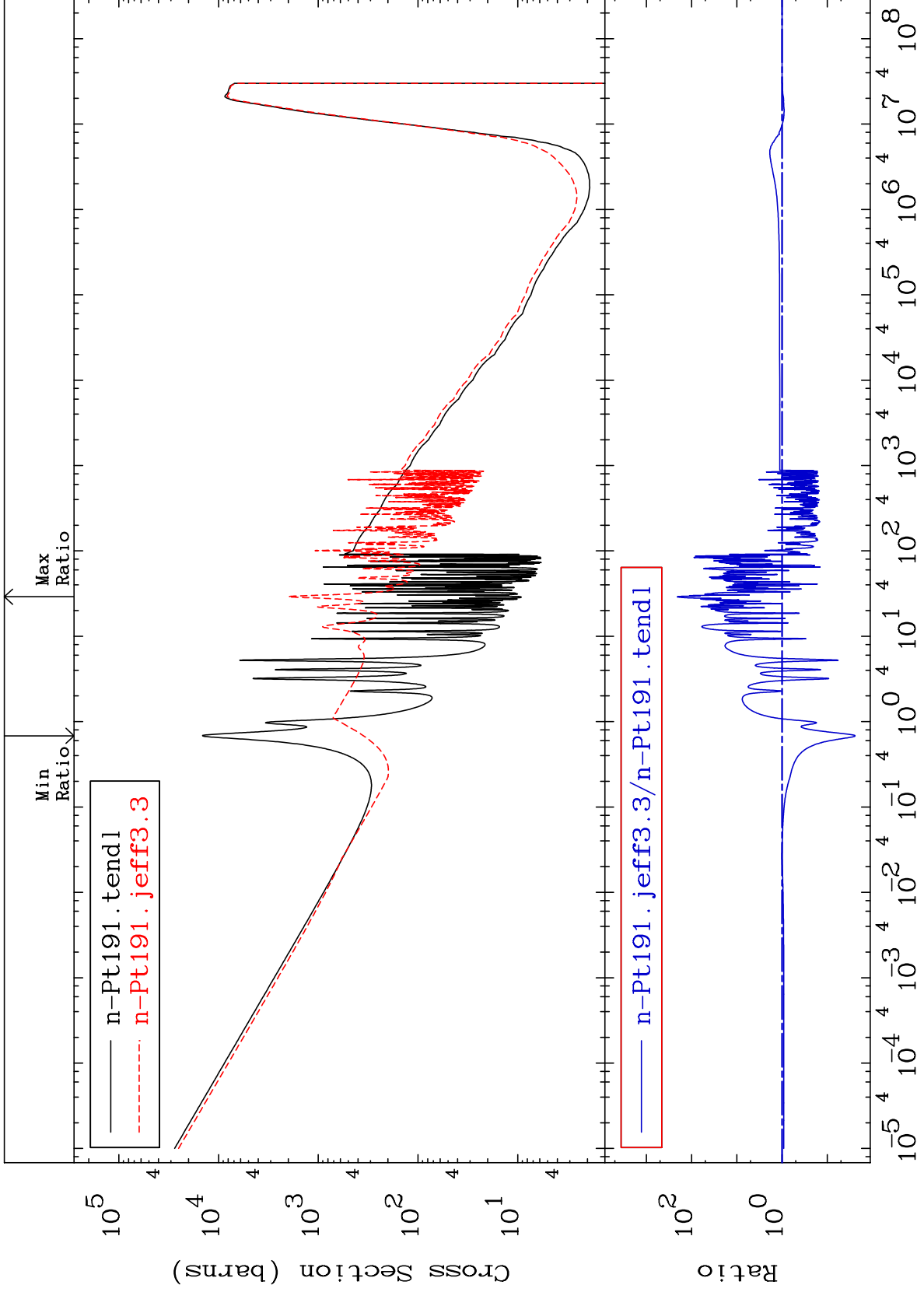
Incident Energy (eV)

78-Pt-191

MAT 7828

Dpa disappearance (mt102 -120)
Cross Section

78-Pt-191
-97.57 To 9999. %



79

Incident Energy (eV)

78-Pt-191

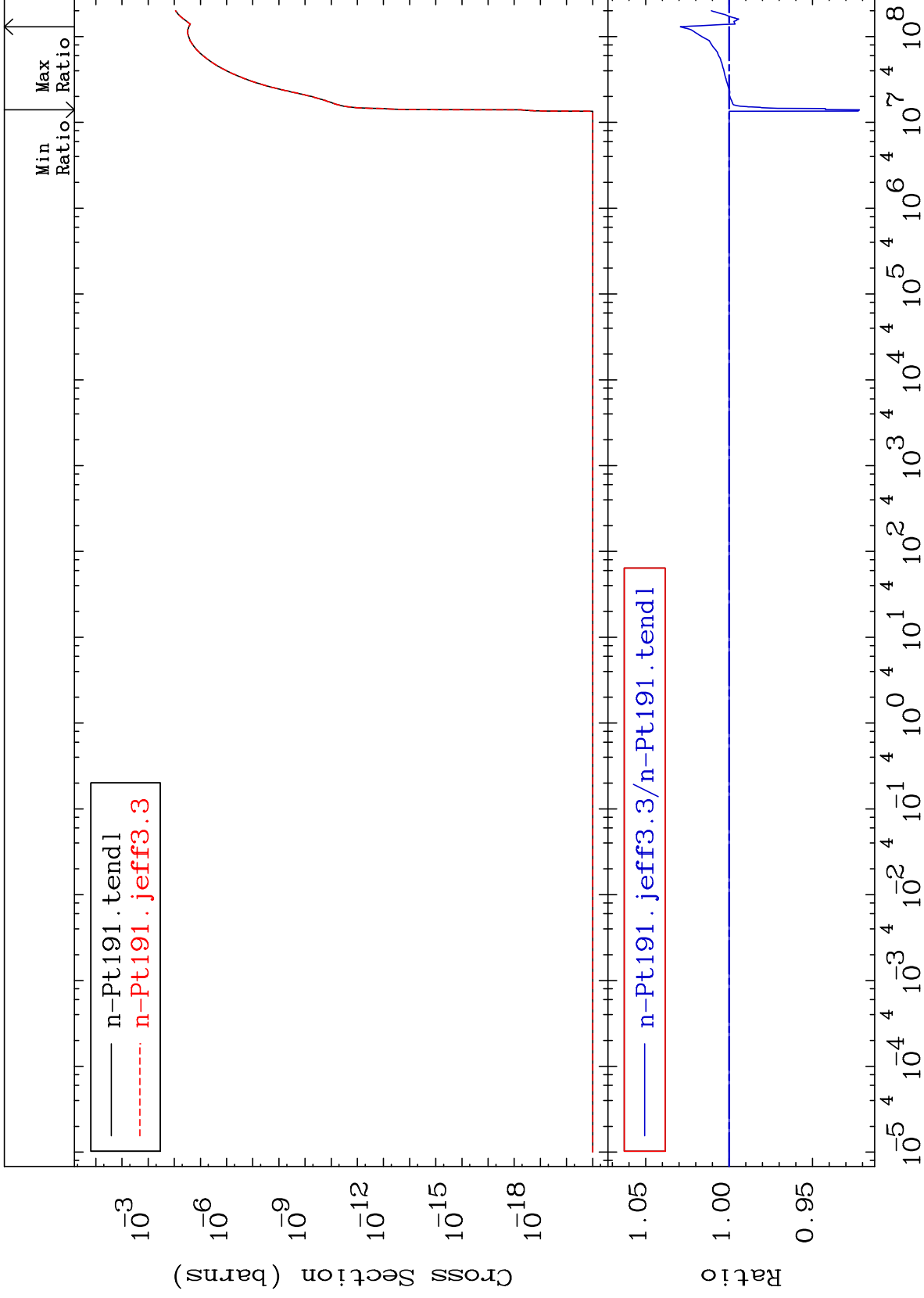
MAT 7828

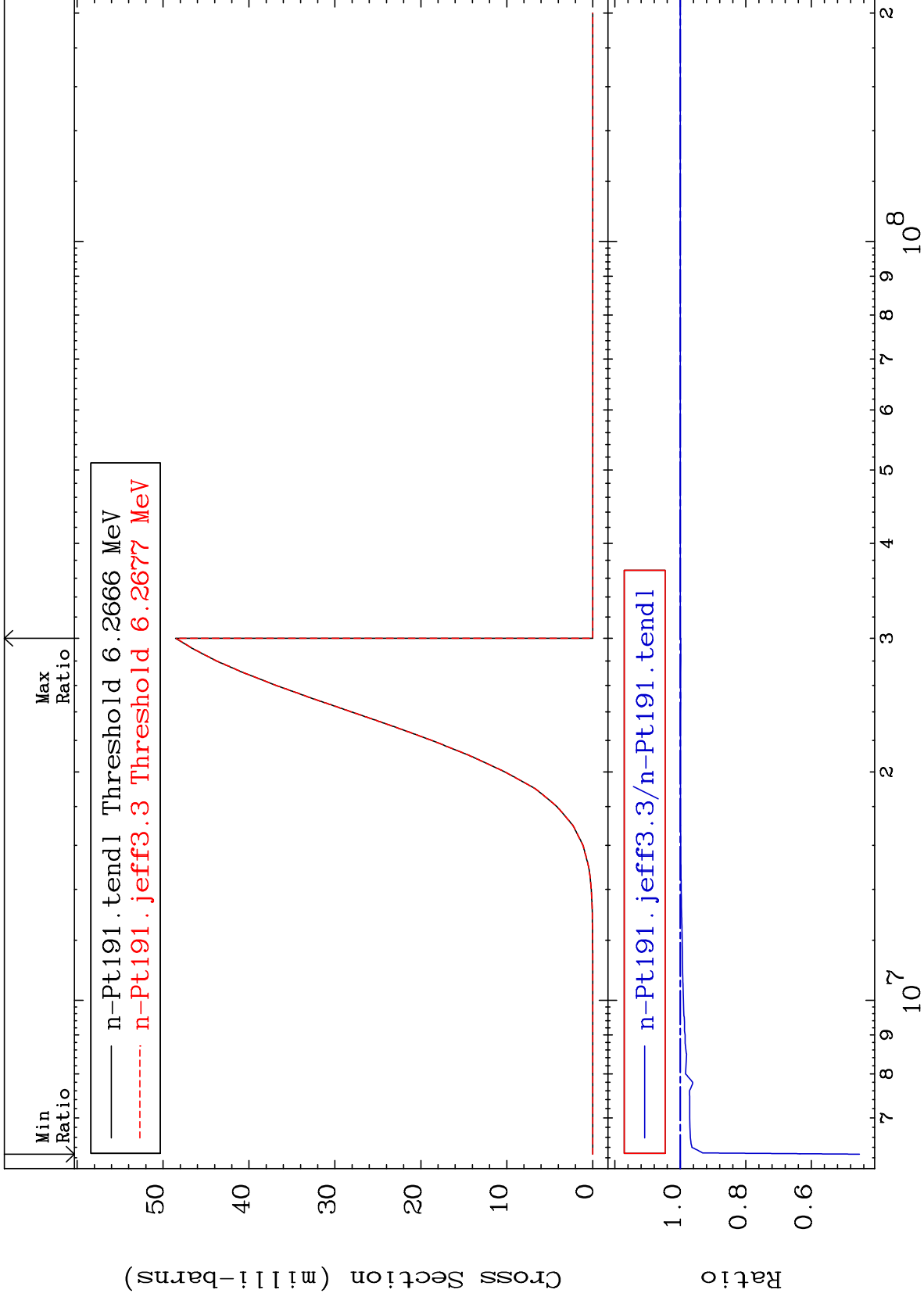
Fission: Photon

78-Pt-191

Radionuclide Production Cross Section

-7.810 To 2.923 %





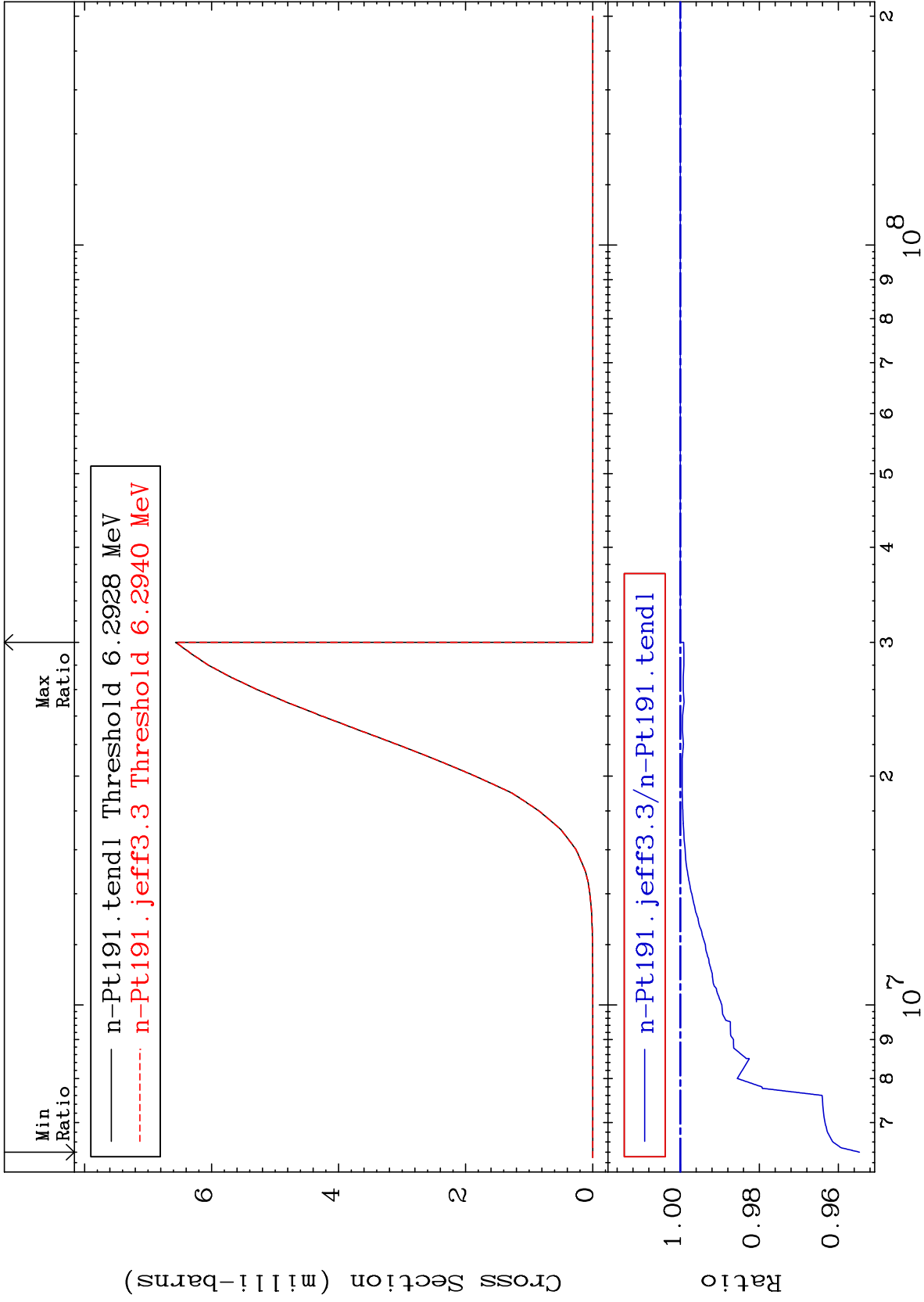
MAT 7828

(n, n') p: 77-Ir-190m2

78-Pt-191

Radionuclide Production Cross Section

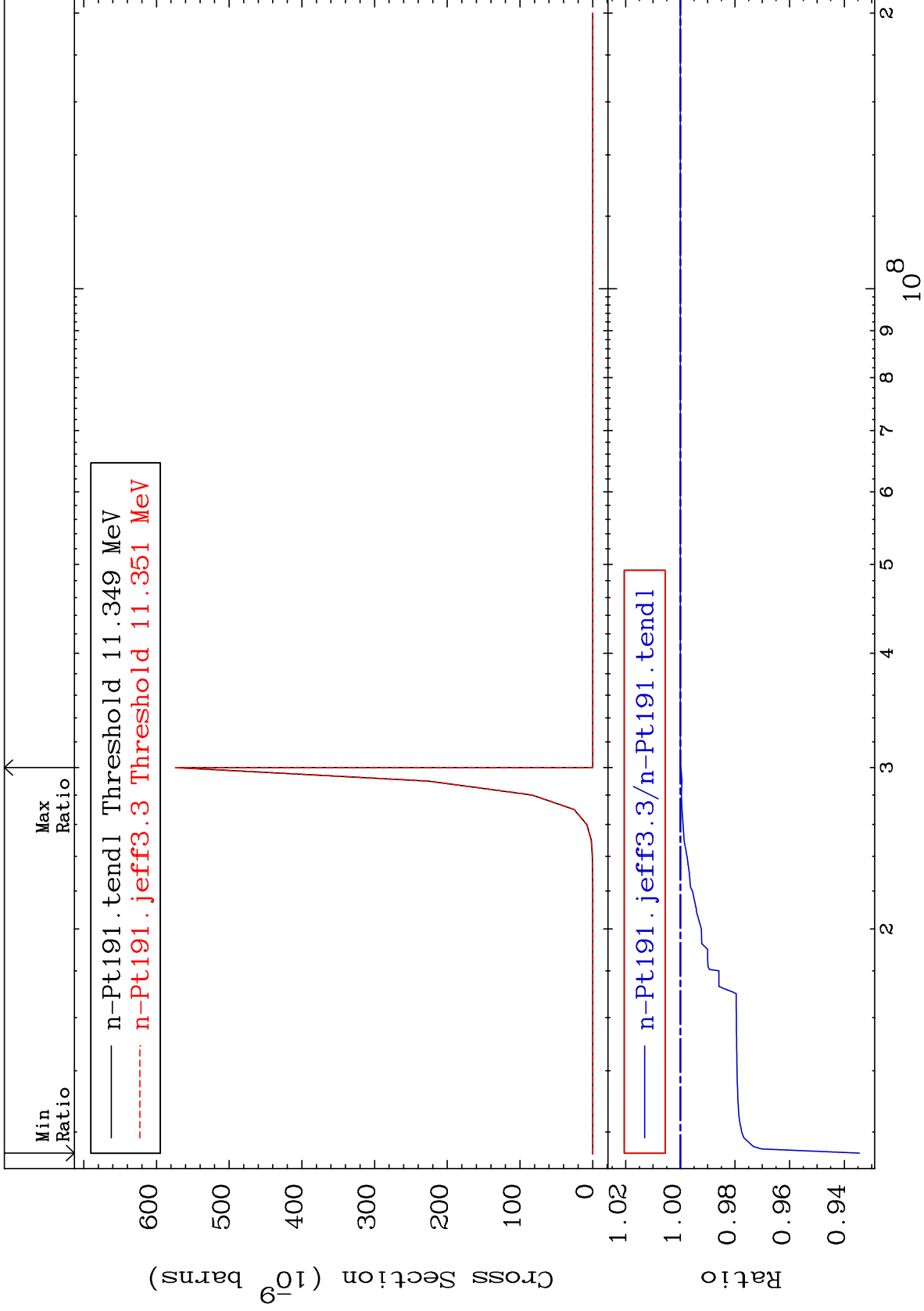
-4.533 To 0.000 %



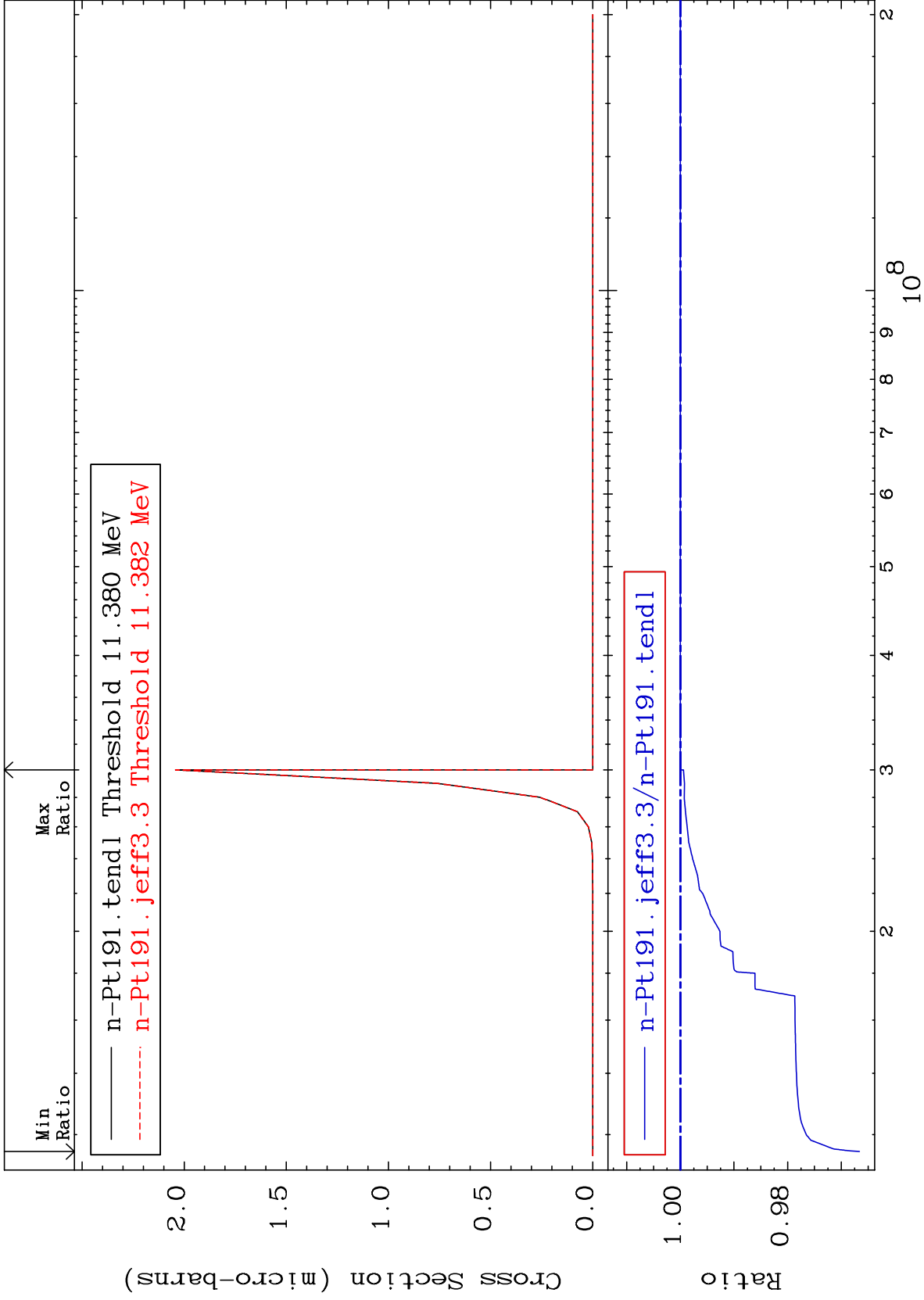
82

Incident Energy (eV)

78-Pt-191

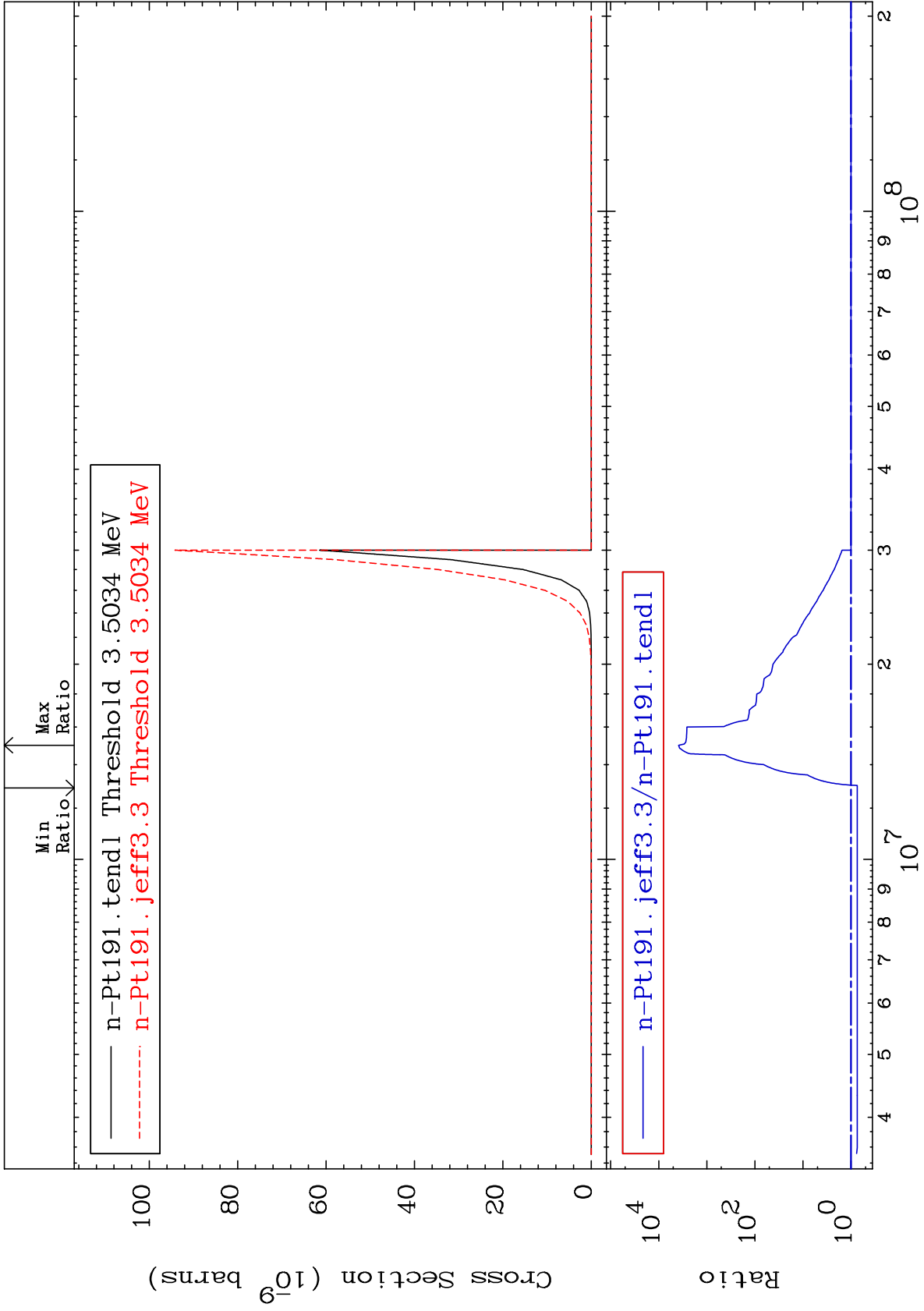


Radionuclide Production Cross Section -3.338 To 0.000 %



MAT 7828

(n, n') p α : 75-Re-186g 78-Pt-191
Radionuclide Production Cross Section -25.66 To 9999. %



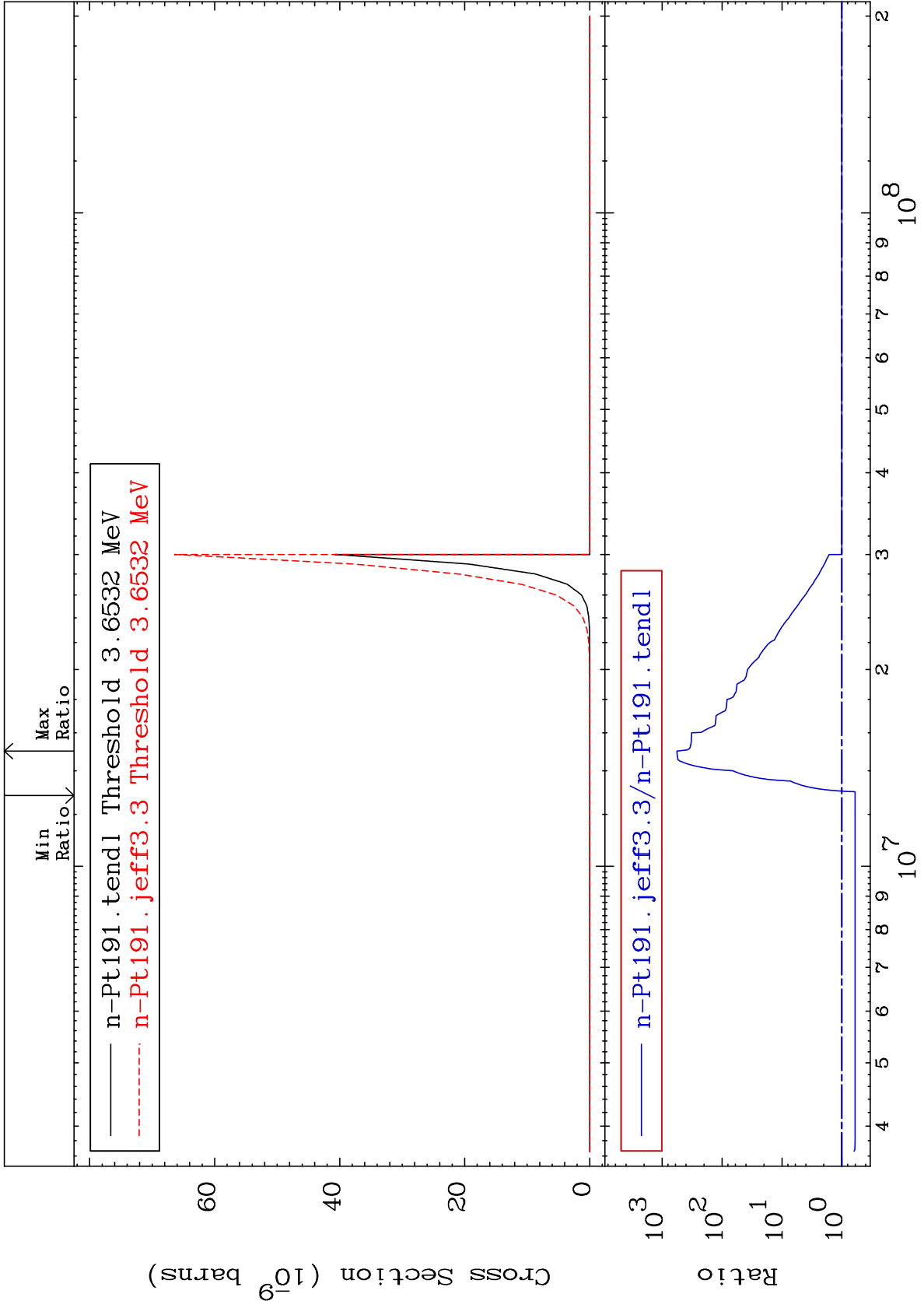
85

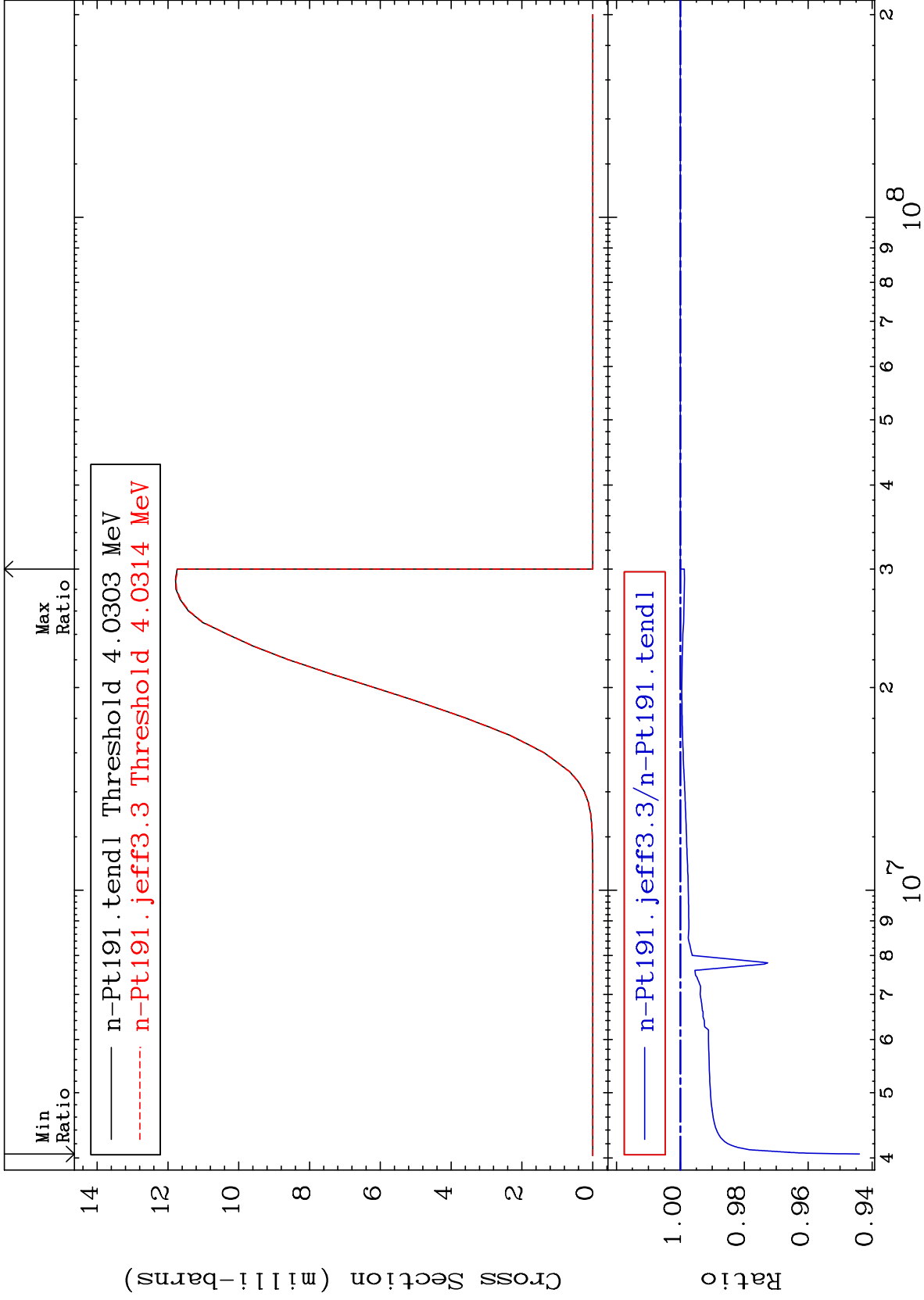
Incident Energy (eV)

78-Pt-191

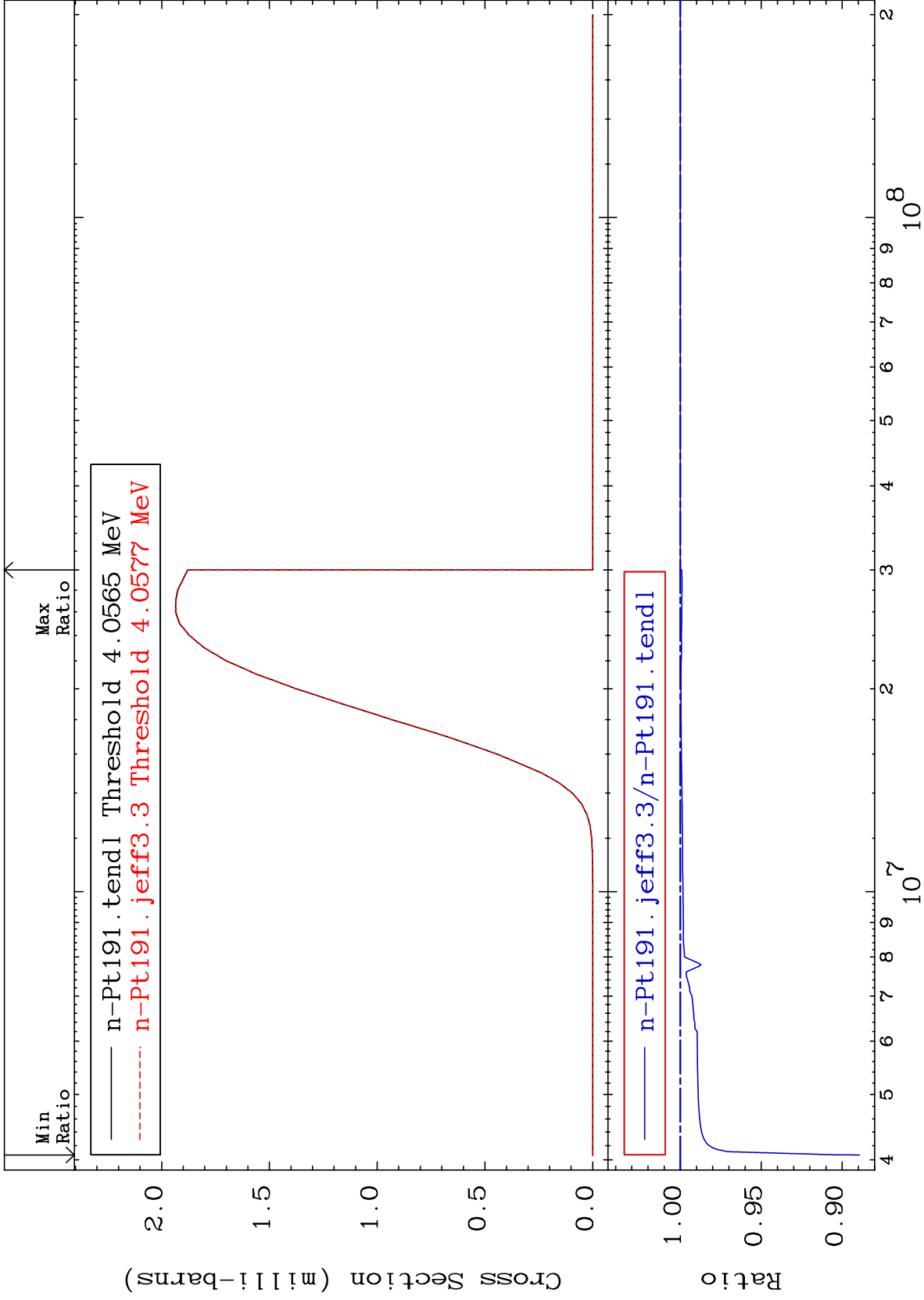
MAT 7828

(n, n') p α :75-Re-186m4 78-Pt-191
Radionuclide Production Cross Section -39.75 To 9999. %

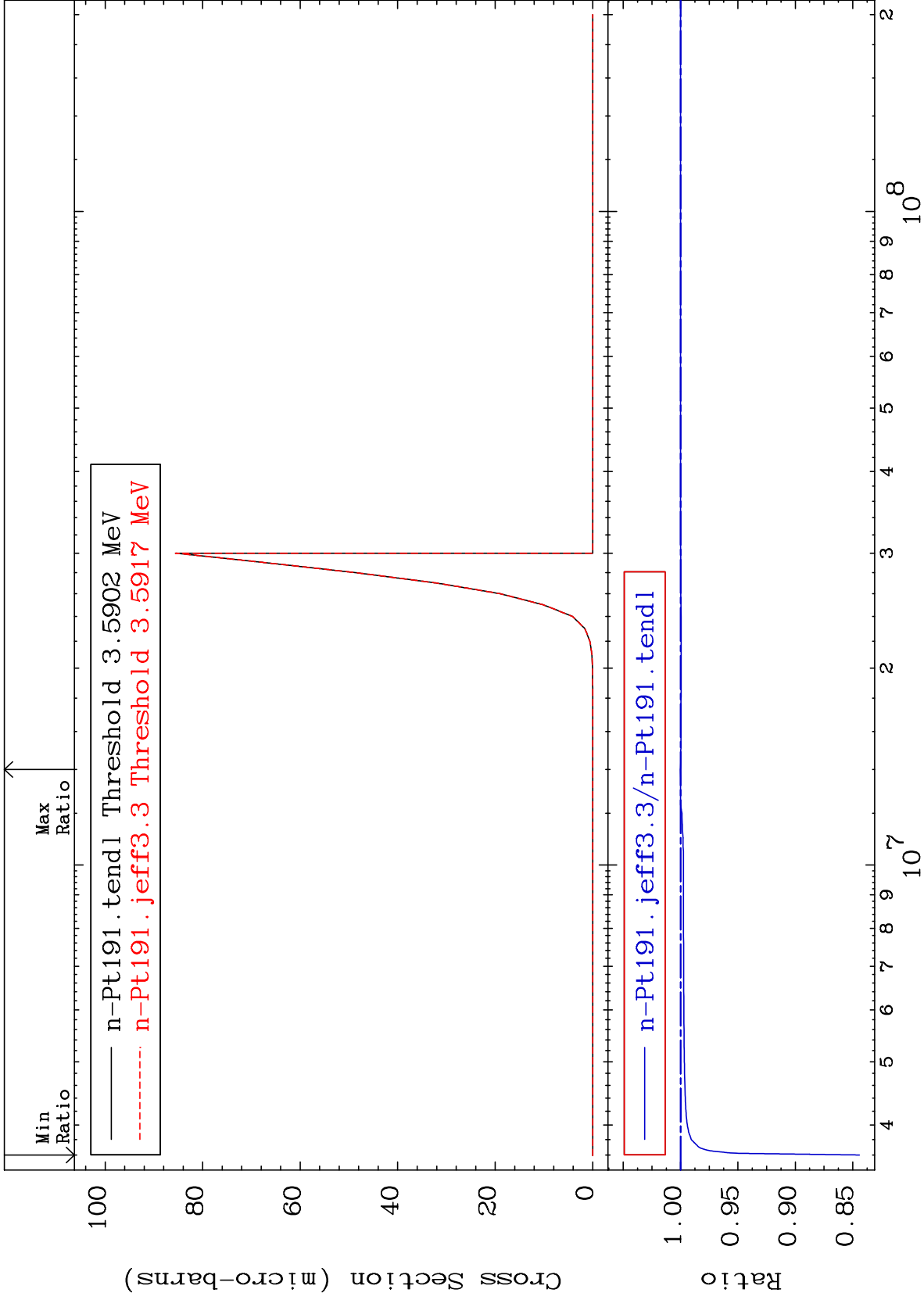




Radionuclide Production Cross Section -11.06 To 0.000 %



Radionuclide Production Cross Section -15.59 To 0.020 %



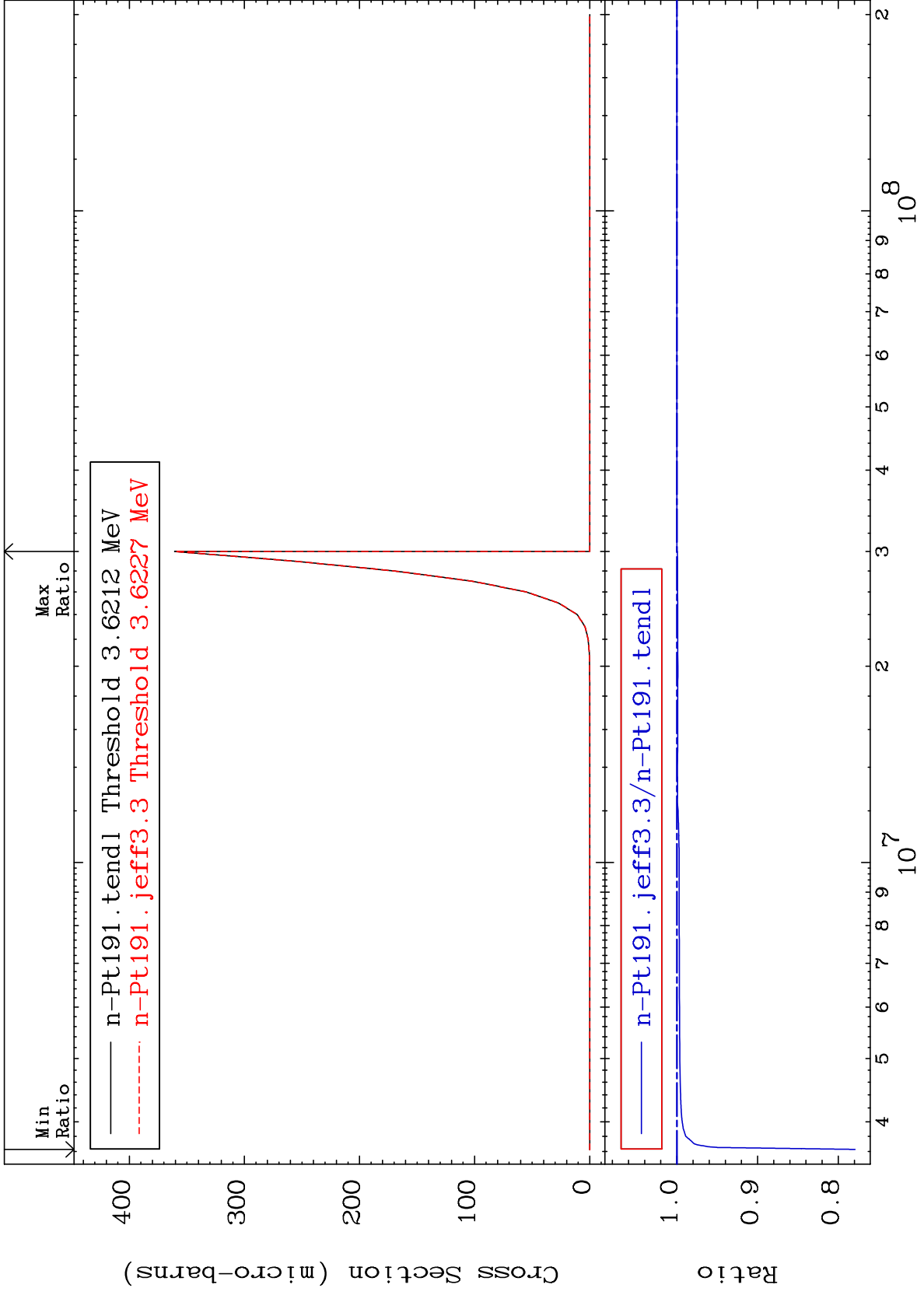
MAT 7828

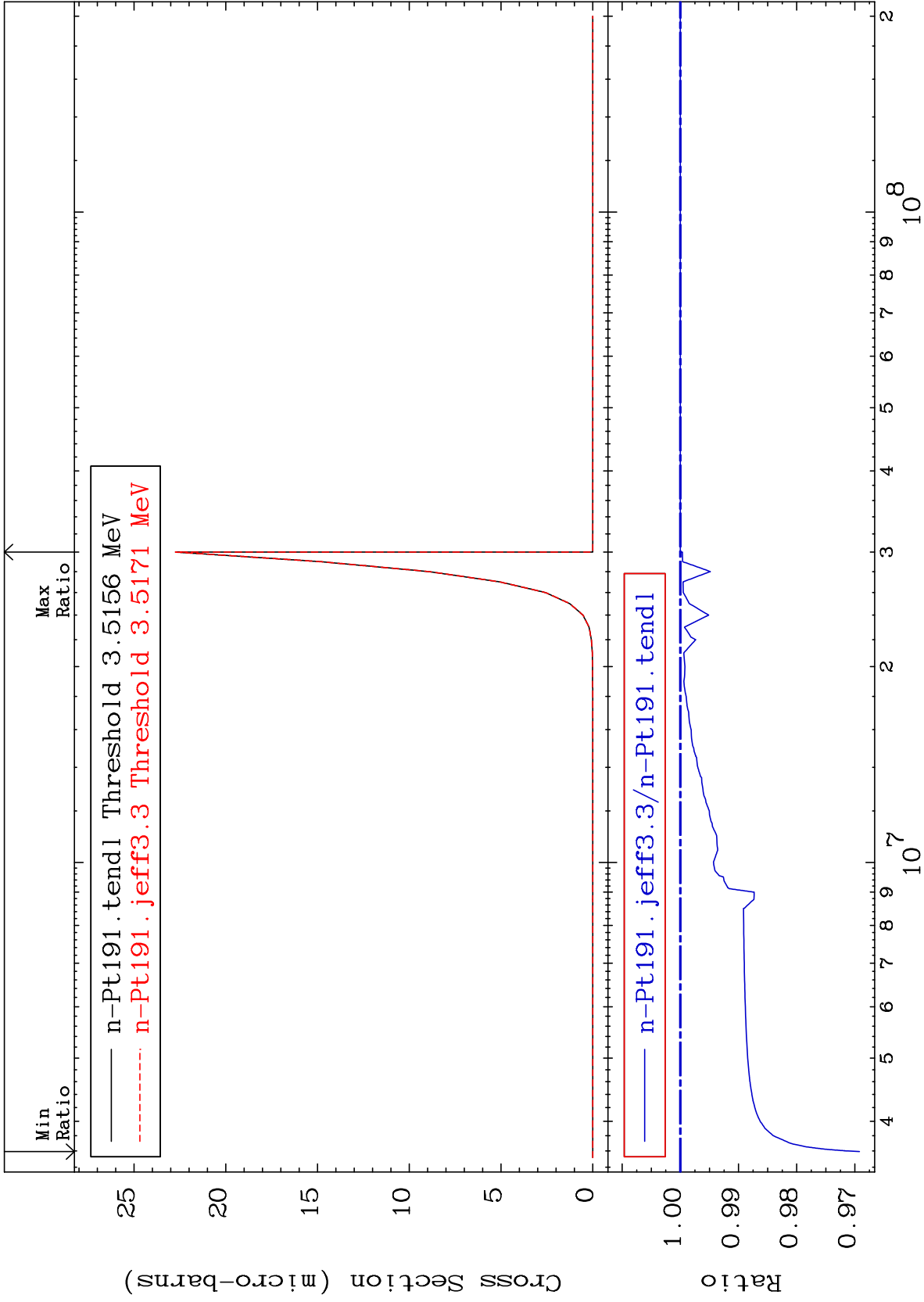
(n,He-3):76-Os-189m1

78-Pt-191

Radionuclide Production Cross Section

-22.08 To 0.000 %



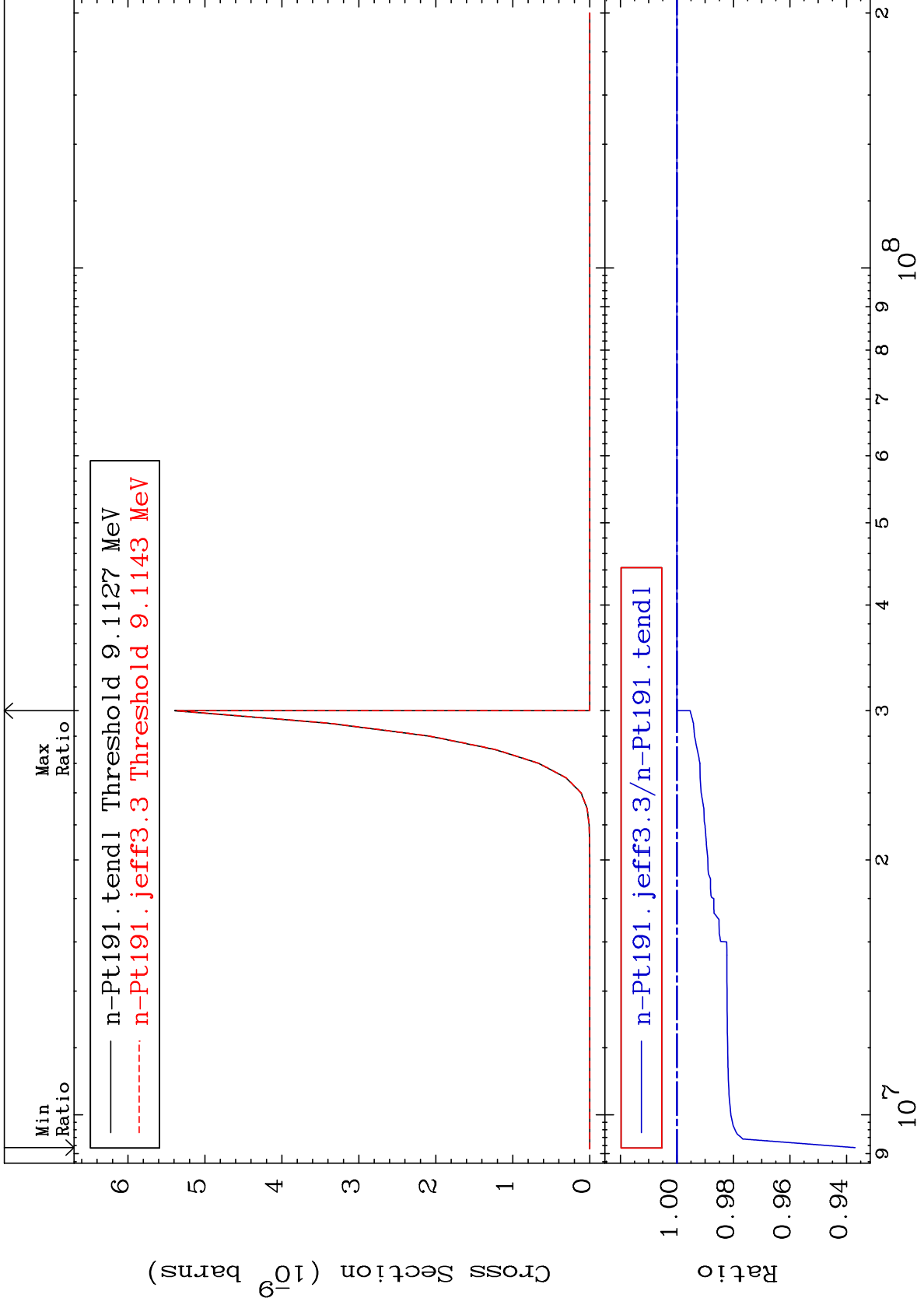


MAT 7828

(n, p) d:76-0s-189g

78-Pt-191

Radionuclide Production Cross Section -6.304 To 0.000 %



92

Incident Energy (eV)

78-Pt-191

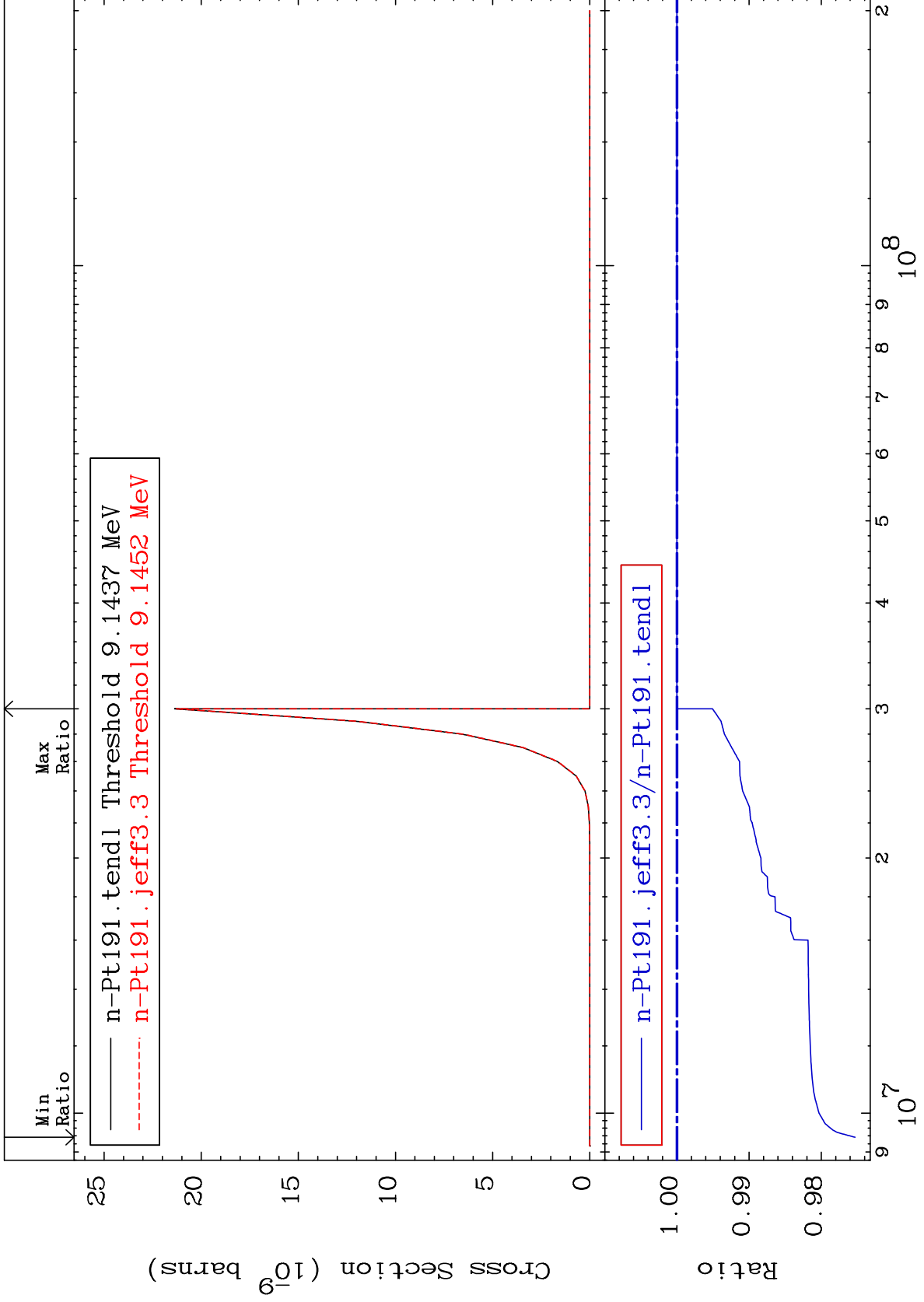
MAT 7828

(n,p) d:76-Os-189m1

78-Pt-191

Radionuclide Production Cross Section

-2.468 To 0.000 %



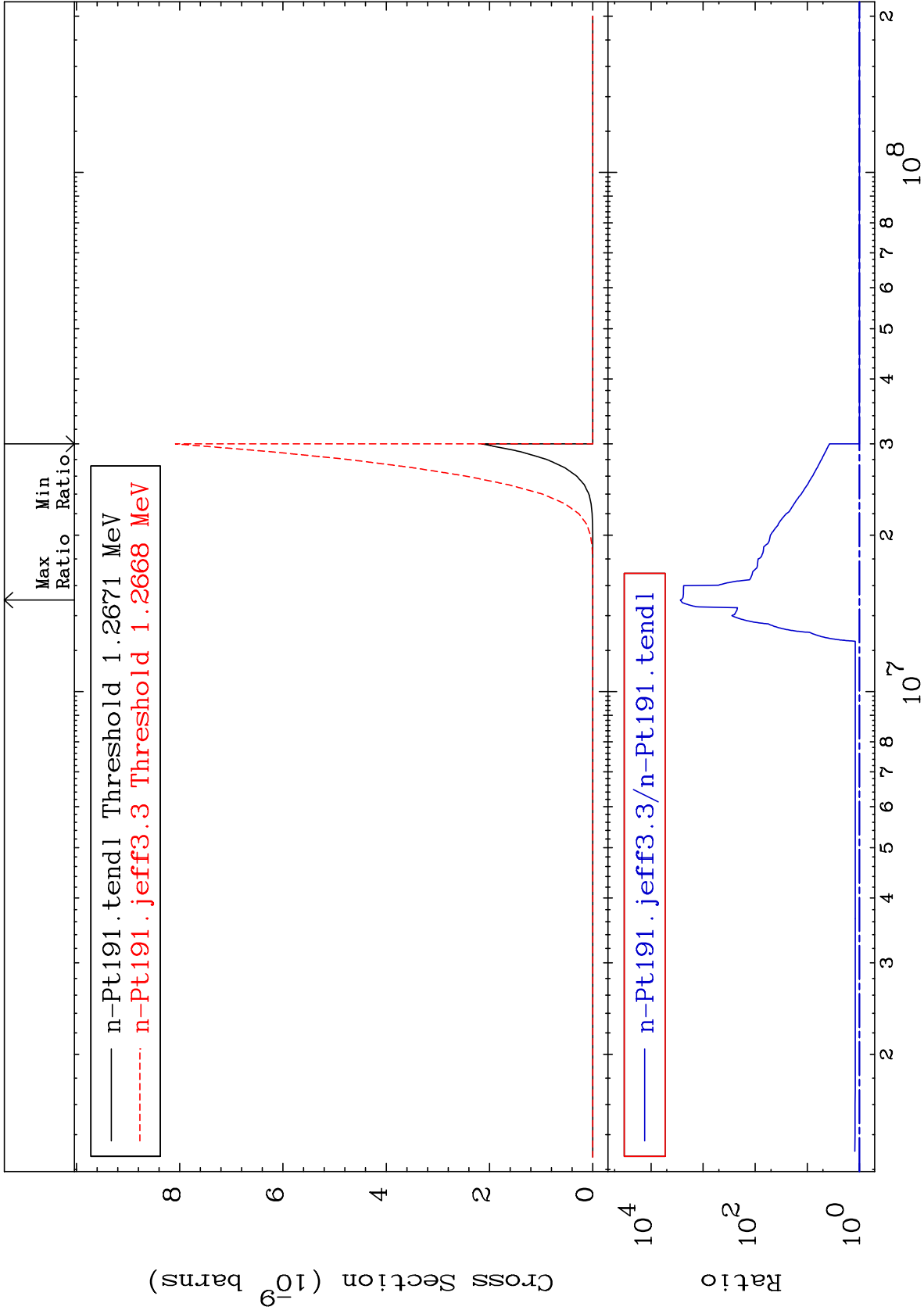
93

Incident Energy (eV)

78-Pt-191

MAT 7828

(n, d) α : 75-Re-186g 78-Pt-191
Radionuclide Production Cross Section 0.000 To 9999. %



MAT 7828

(n, d) α : 75-Re-186m4

78-Pt-191

Radionuclide Production Cross Section 0.000 To 9999. %

