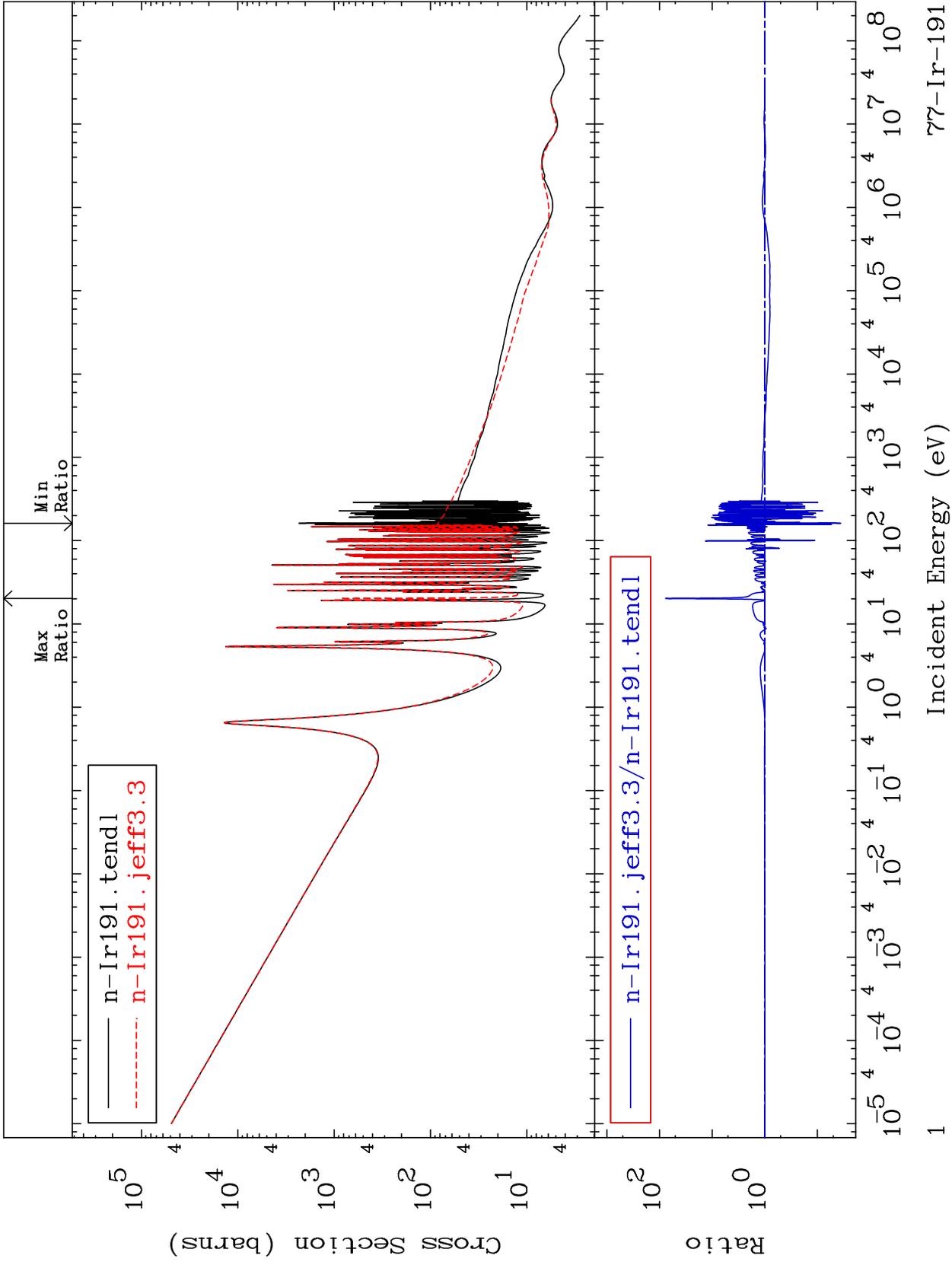


MAT 7725

Total Cross Section
77-Ir-191
-96.40 To 7592. %

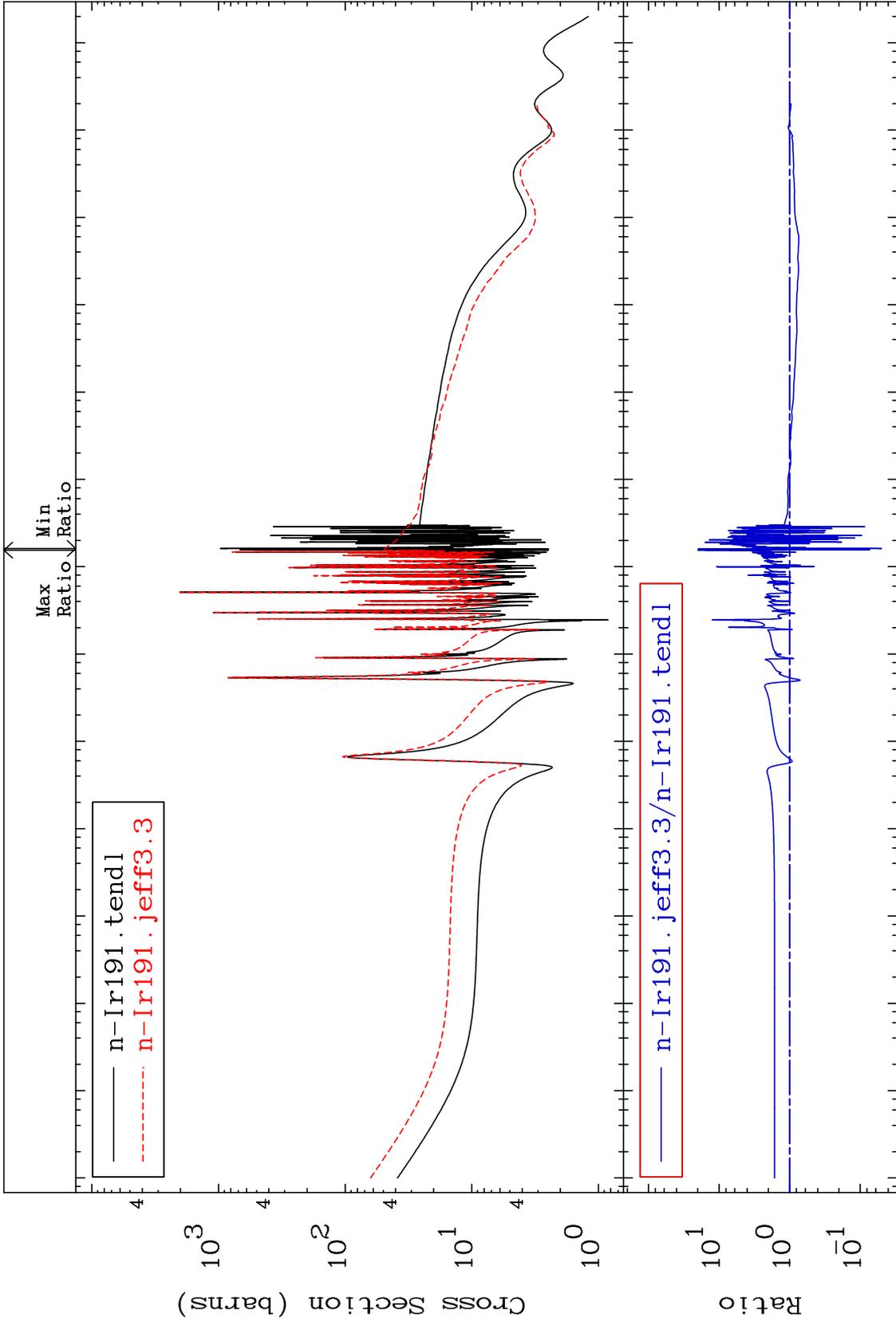


77-Ir-191

MAT 7725

Elastic Cross Section

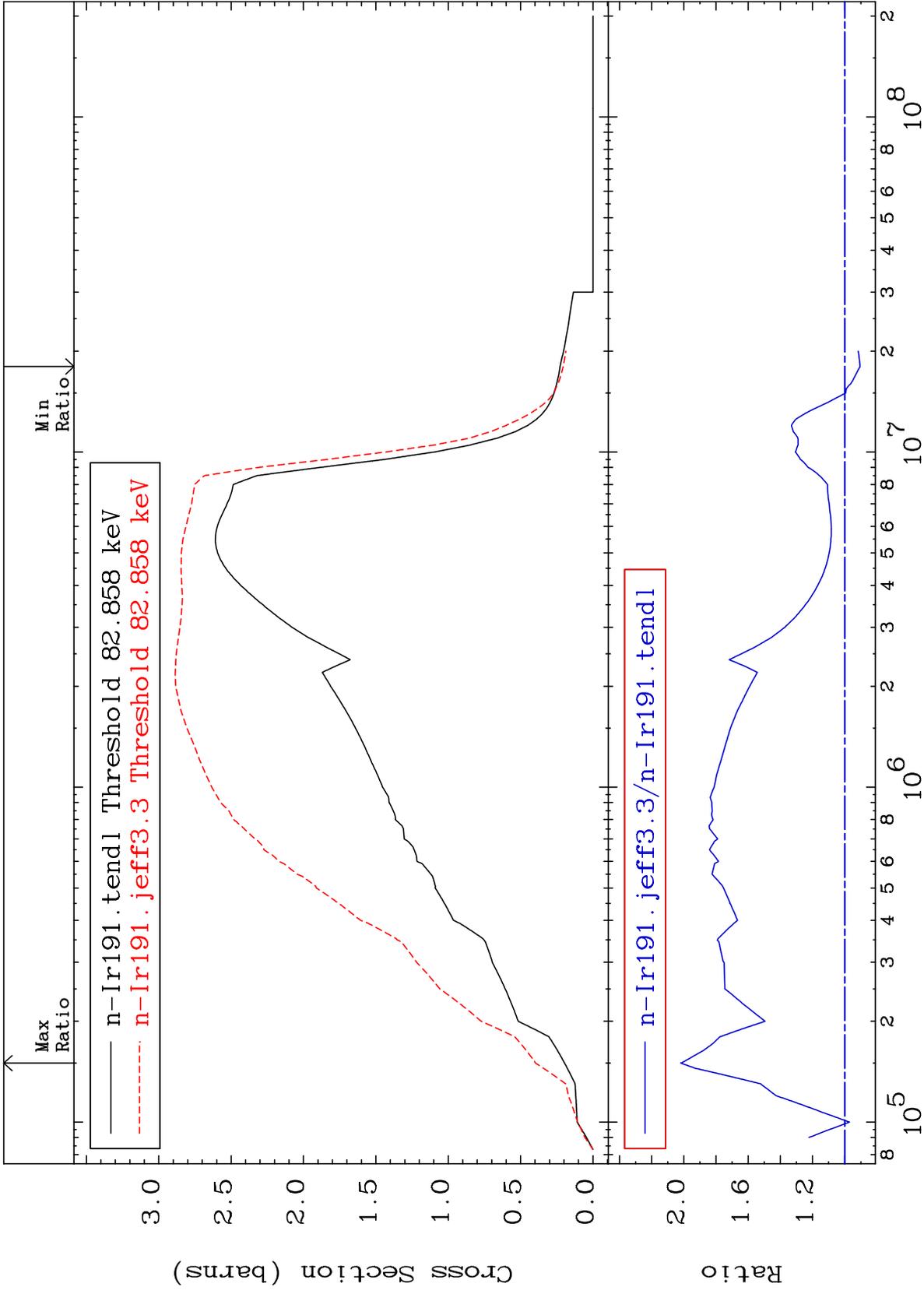
77-Ir-191
-95.02 To 1902. %



MAT 7725

Inelastic
Cross Section

⁷⁷Ir-¹⁹¹Ir
-9.548 To 101.9 %



3

Incident Energy (eV)

⁷⁷Ir-¹⁹¹Ir

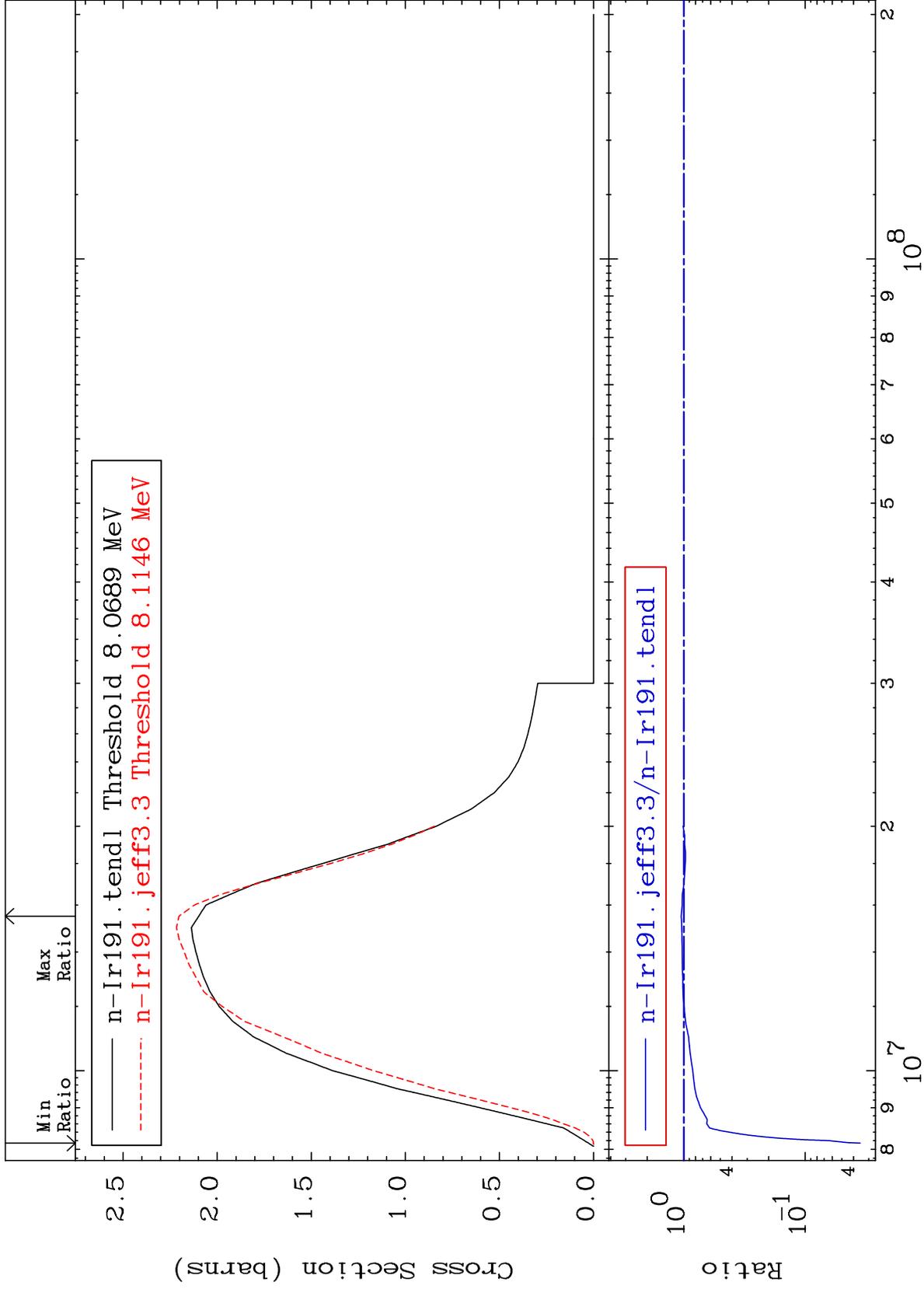
MAT 7725

(n,2n)

77-Ir-191

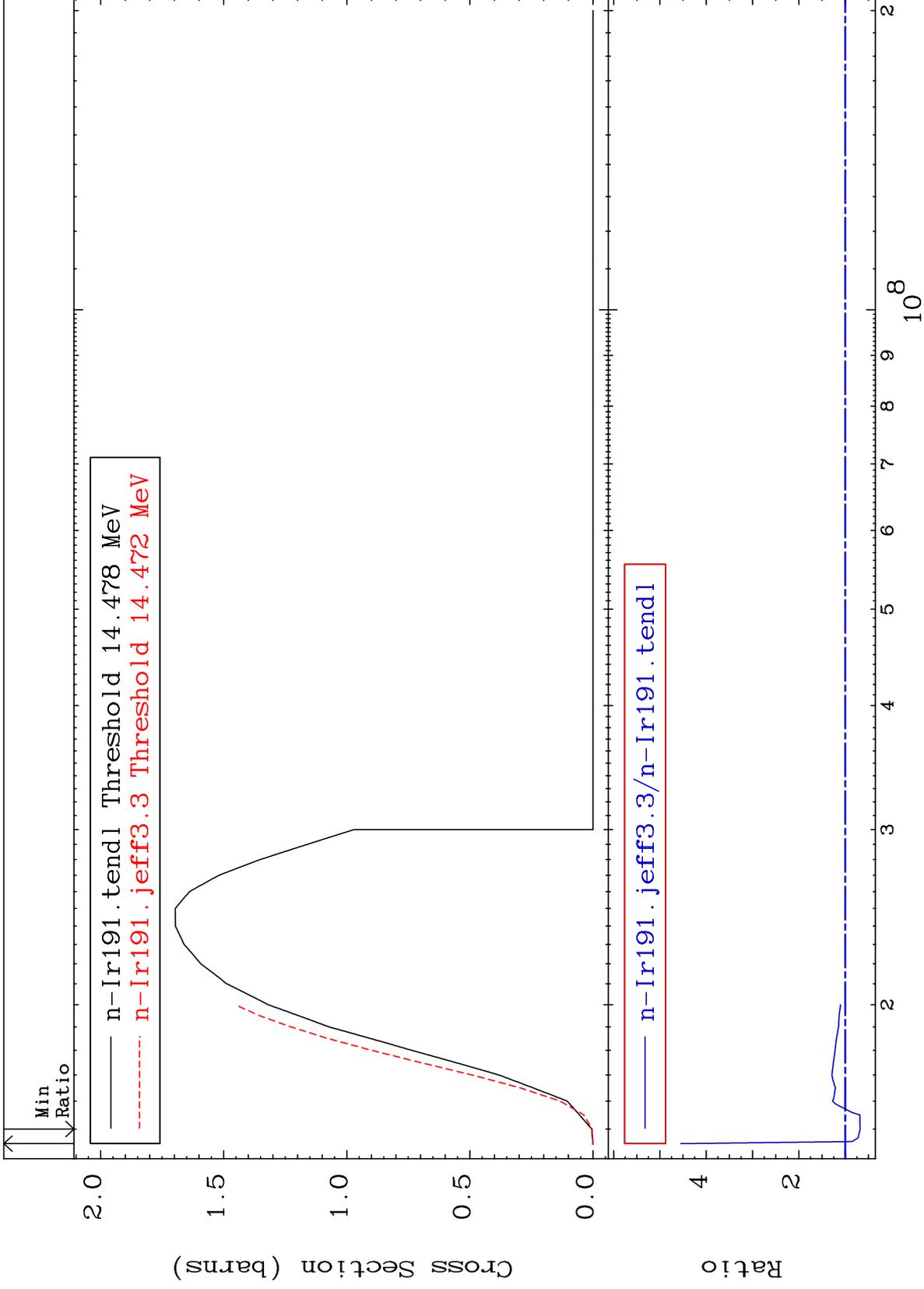
Cross Section

-96.47 To 4.979 %



77-Ir-191

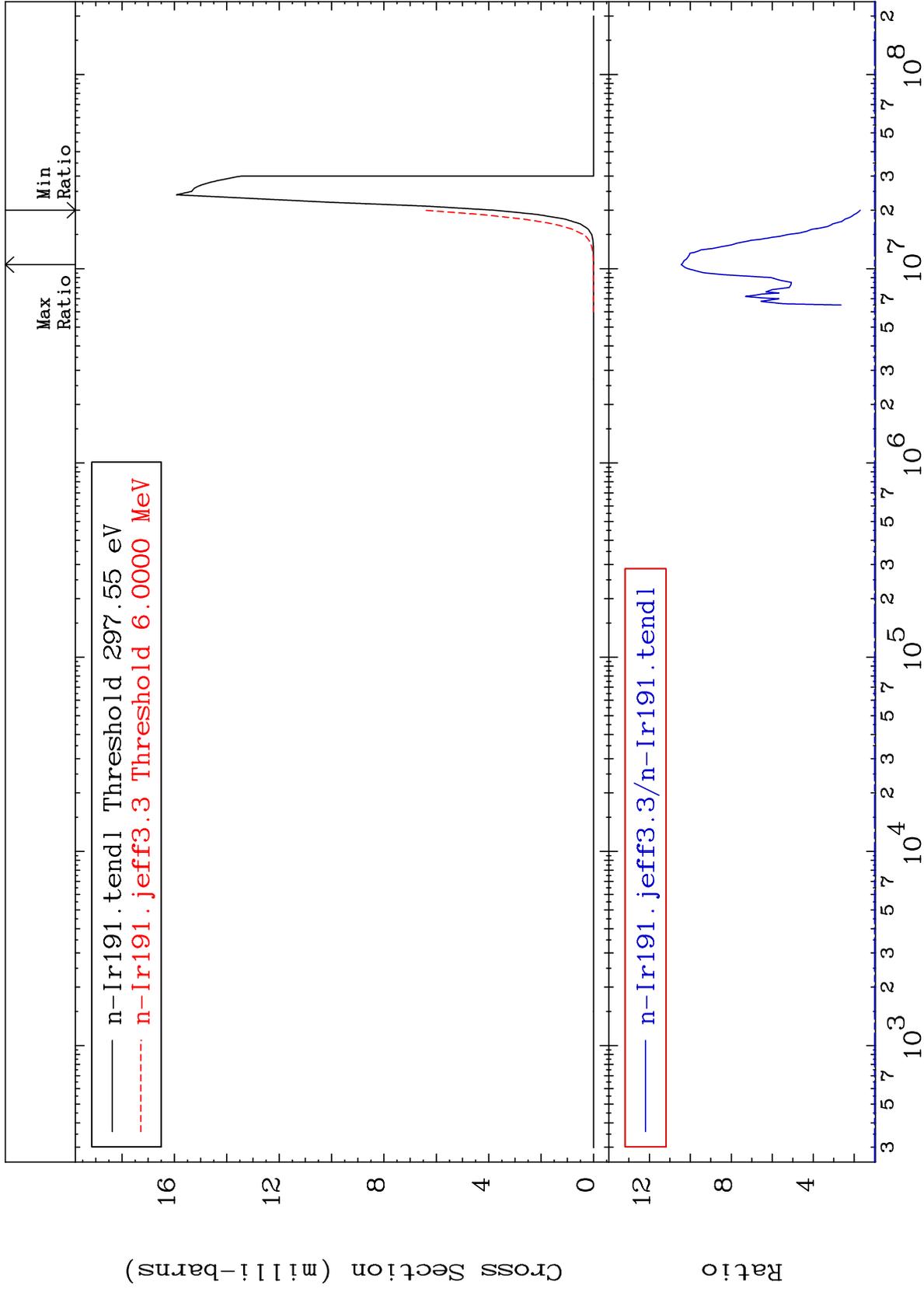
4



MAT 7725

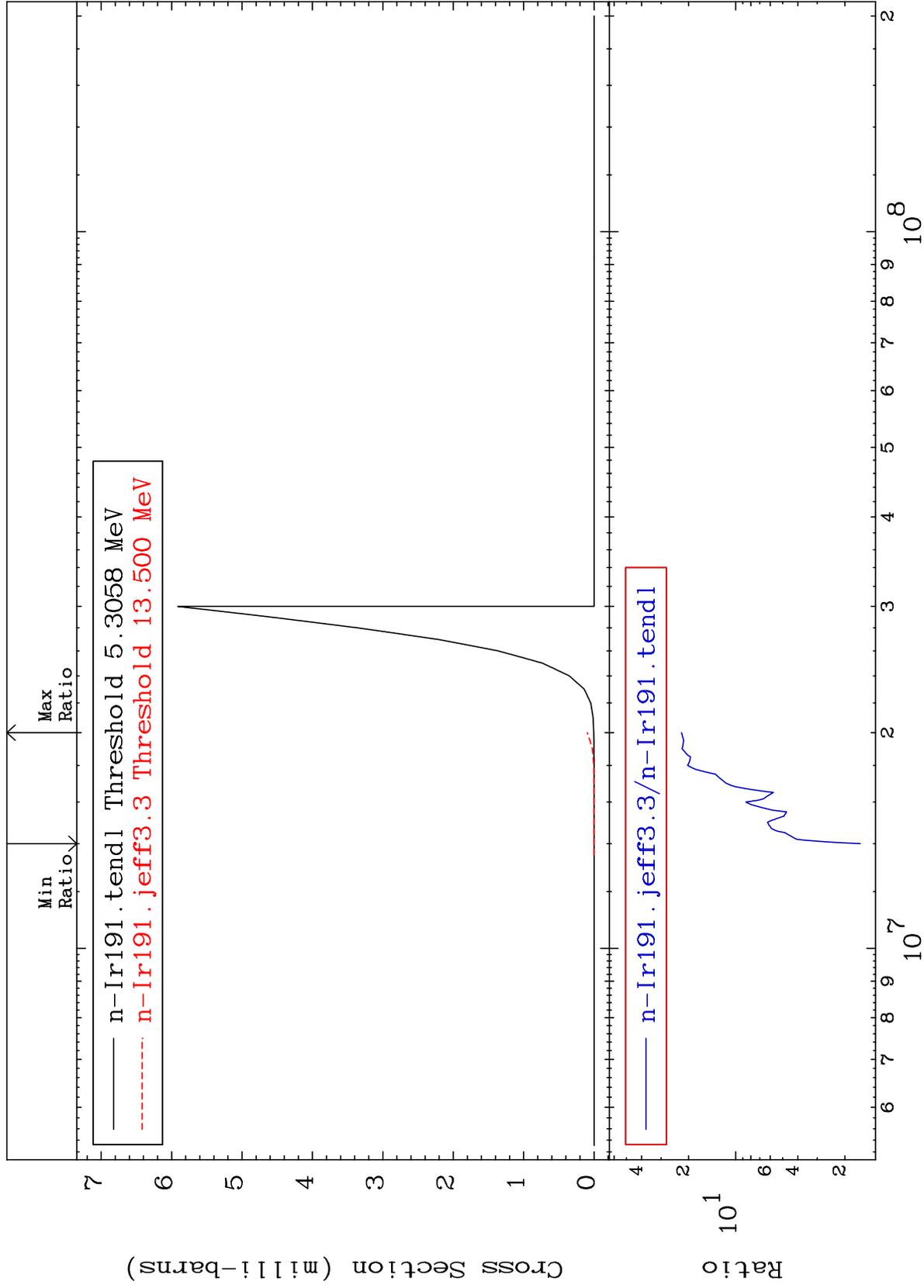
(n,n') α
Cross Section

⁷⁷Ir-¹⁹¹Ir
To 944.8 %



MAT 7725

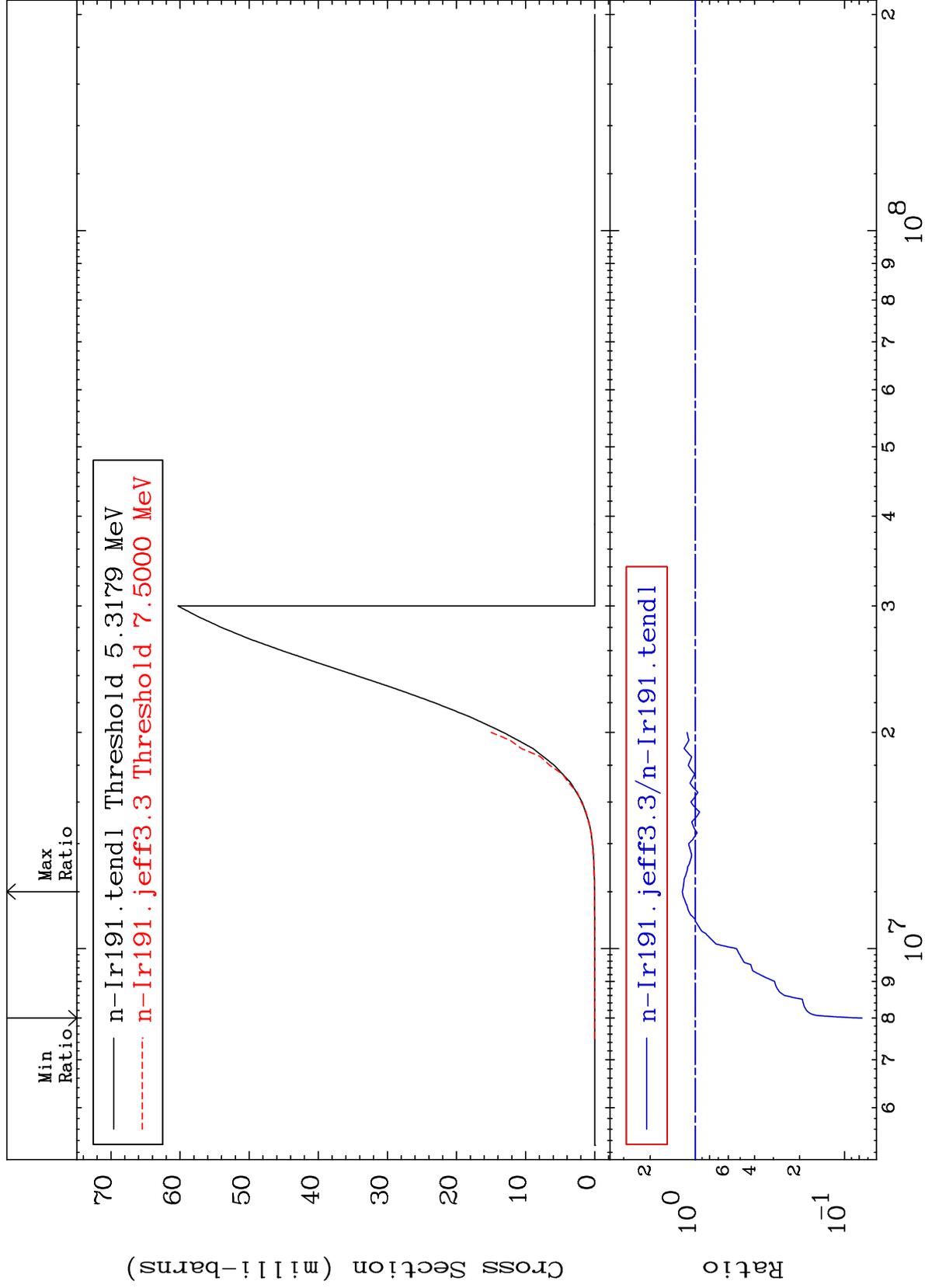
(n,2n) α
Cross Section
77-Ir-191
59.13 To 2119. %

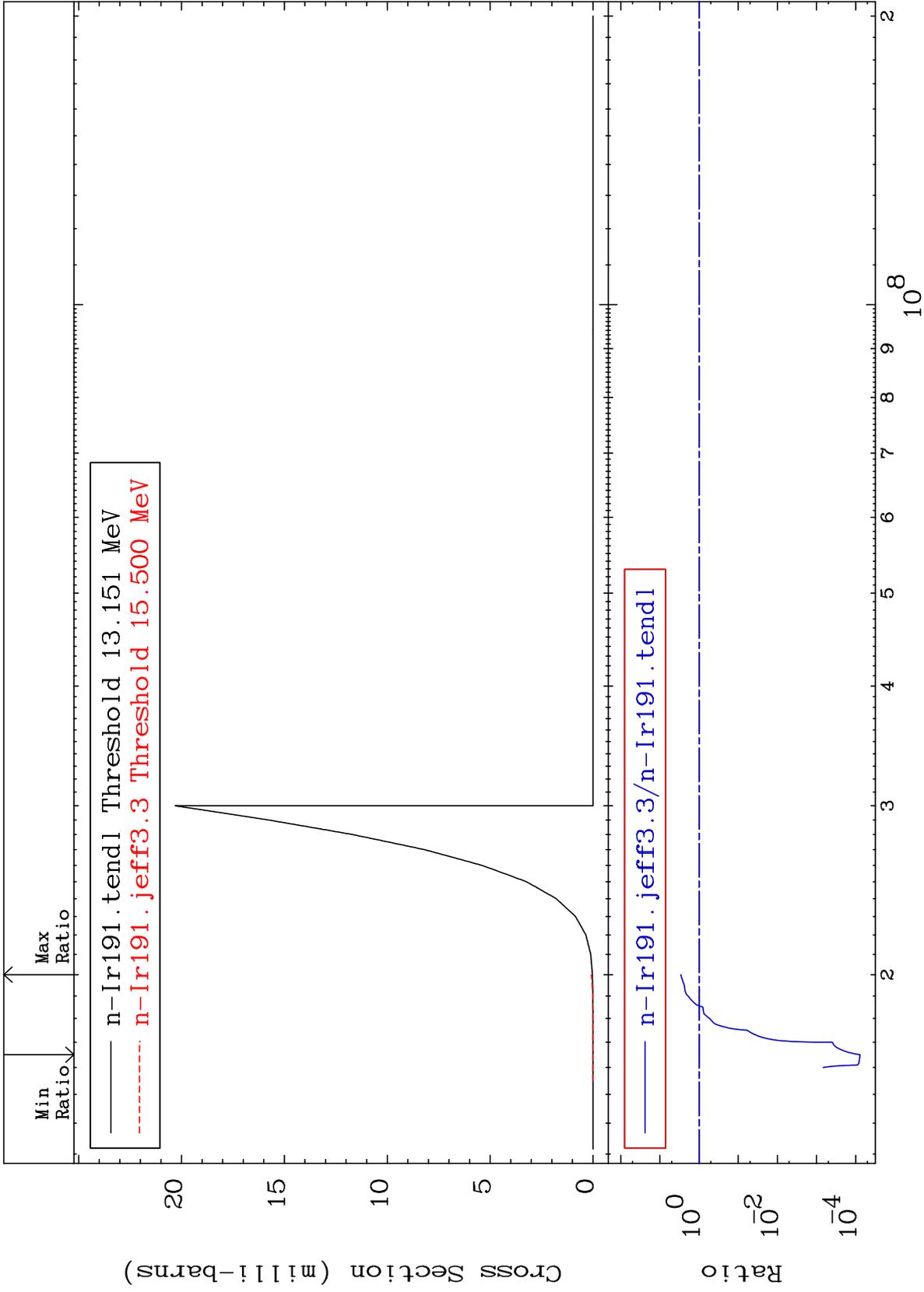


MAT 7725

(n, n') p
Cross Section

⁷⁷Ir-¹⁹¹
-92.25 To 21.85 %

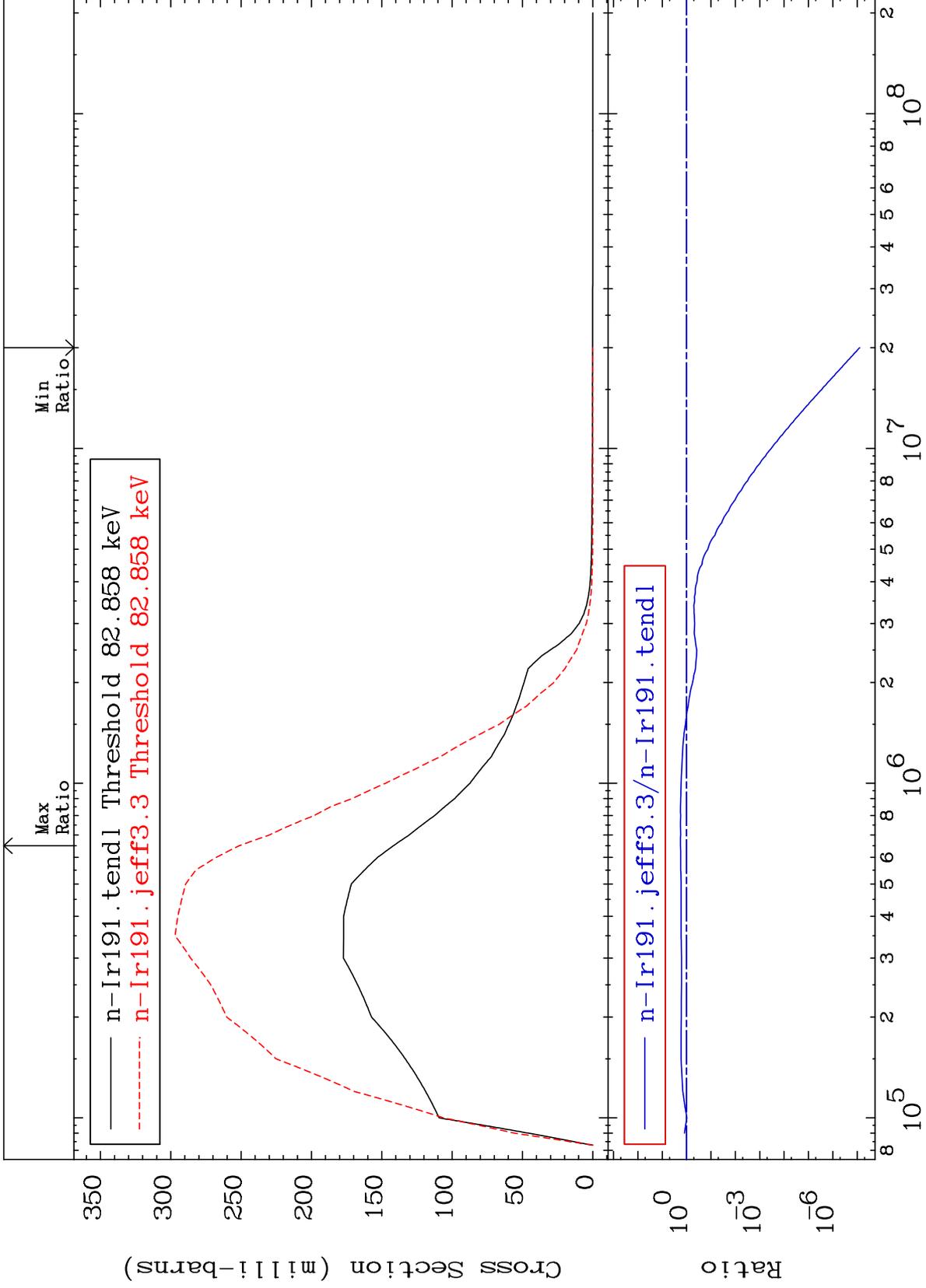




MAT 7725

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

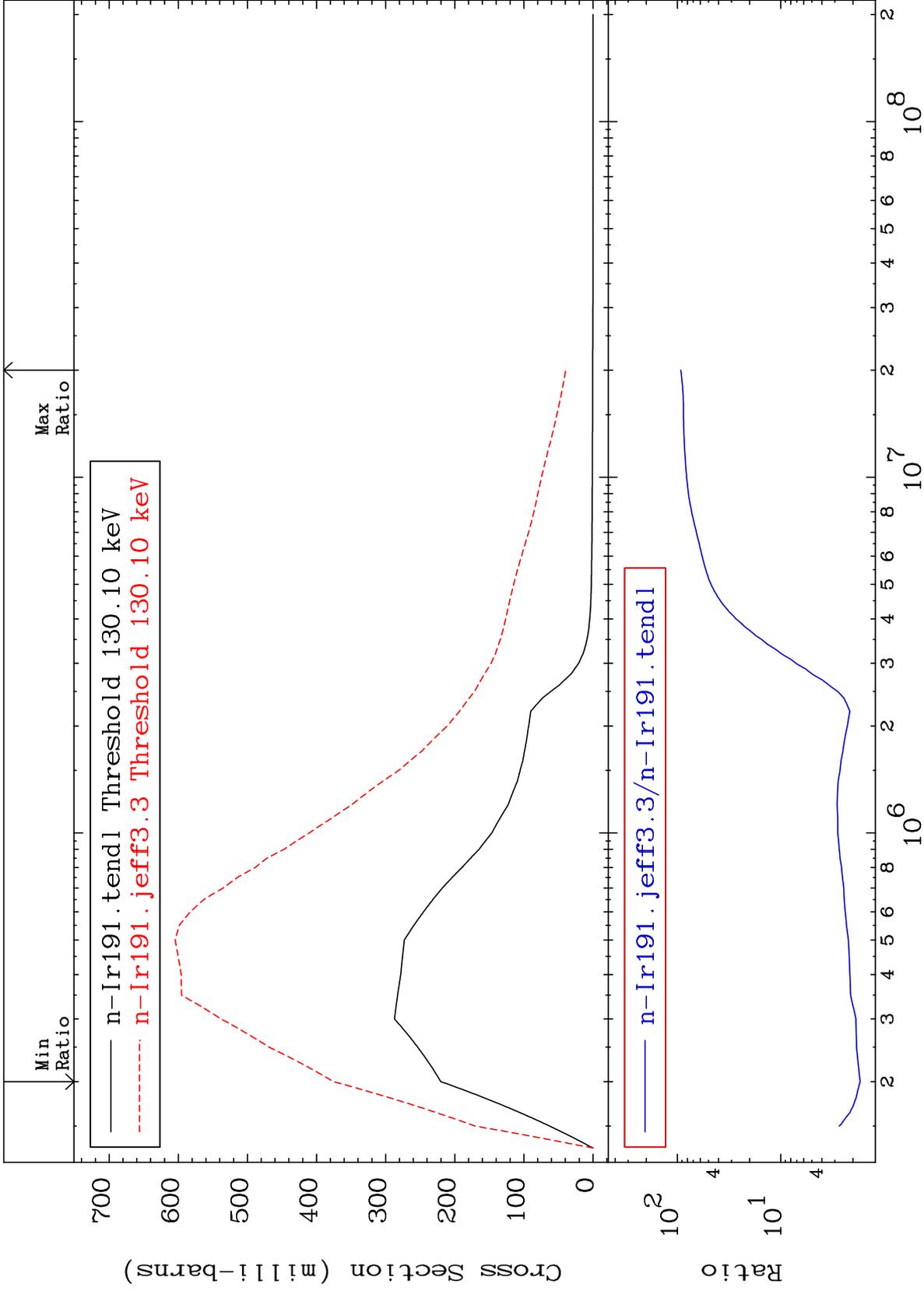
77-Ir-191
-100.0 To 77.38 %



Incident Energy (eV)

77-Ir-191

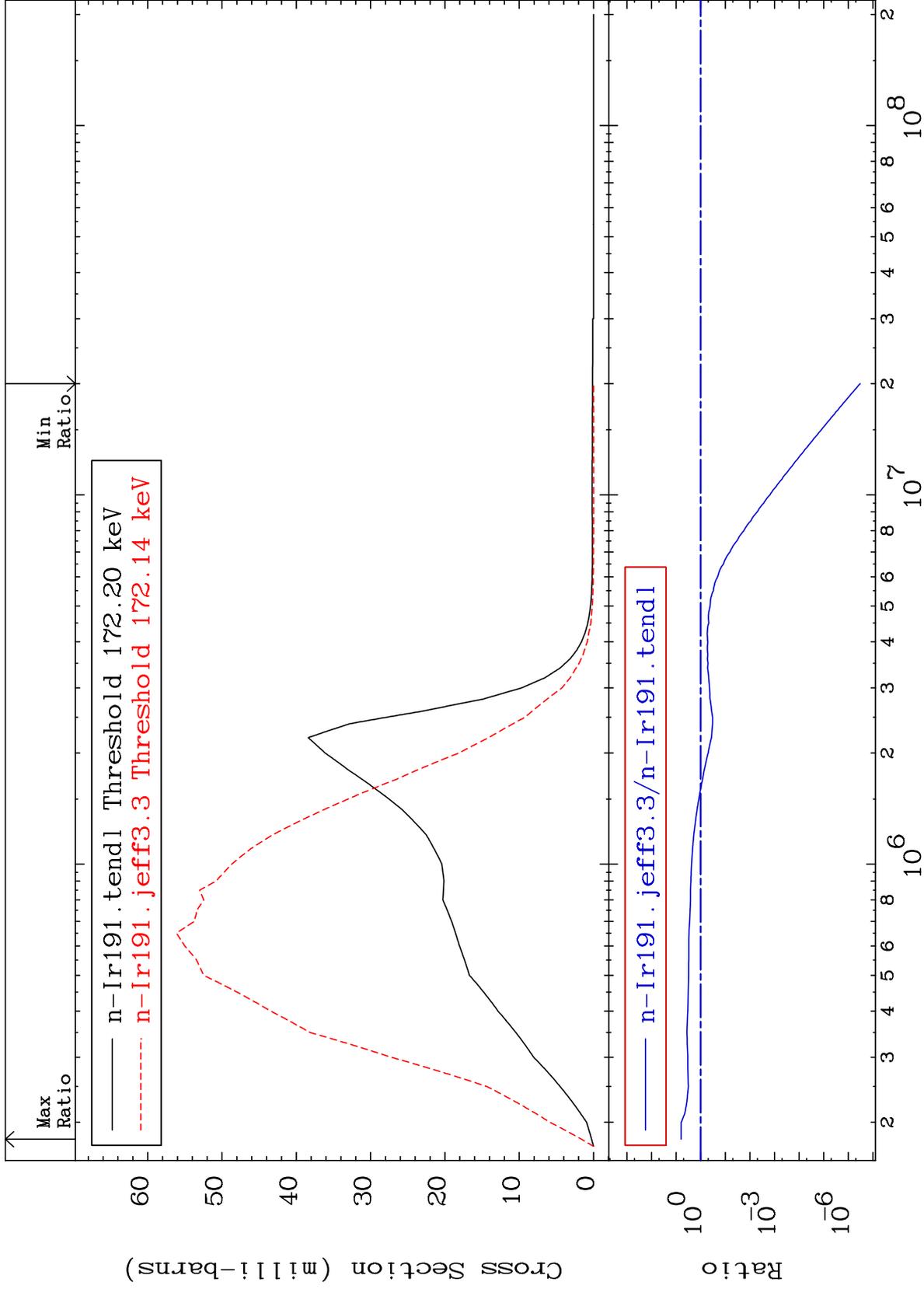
MAT 7725 MT= 52 (n,n') Level Cross Section 77-Ir-191 70.64 To 9162. %



MAT 7725

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

⁷⁷Ir-191
-100.0 To 525.9 %



12

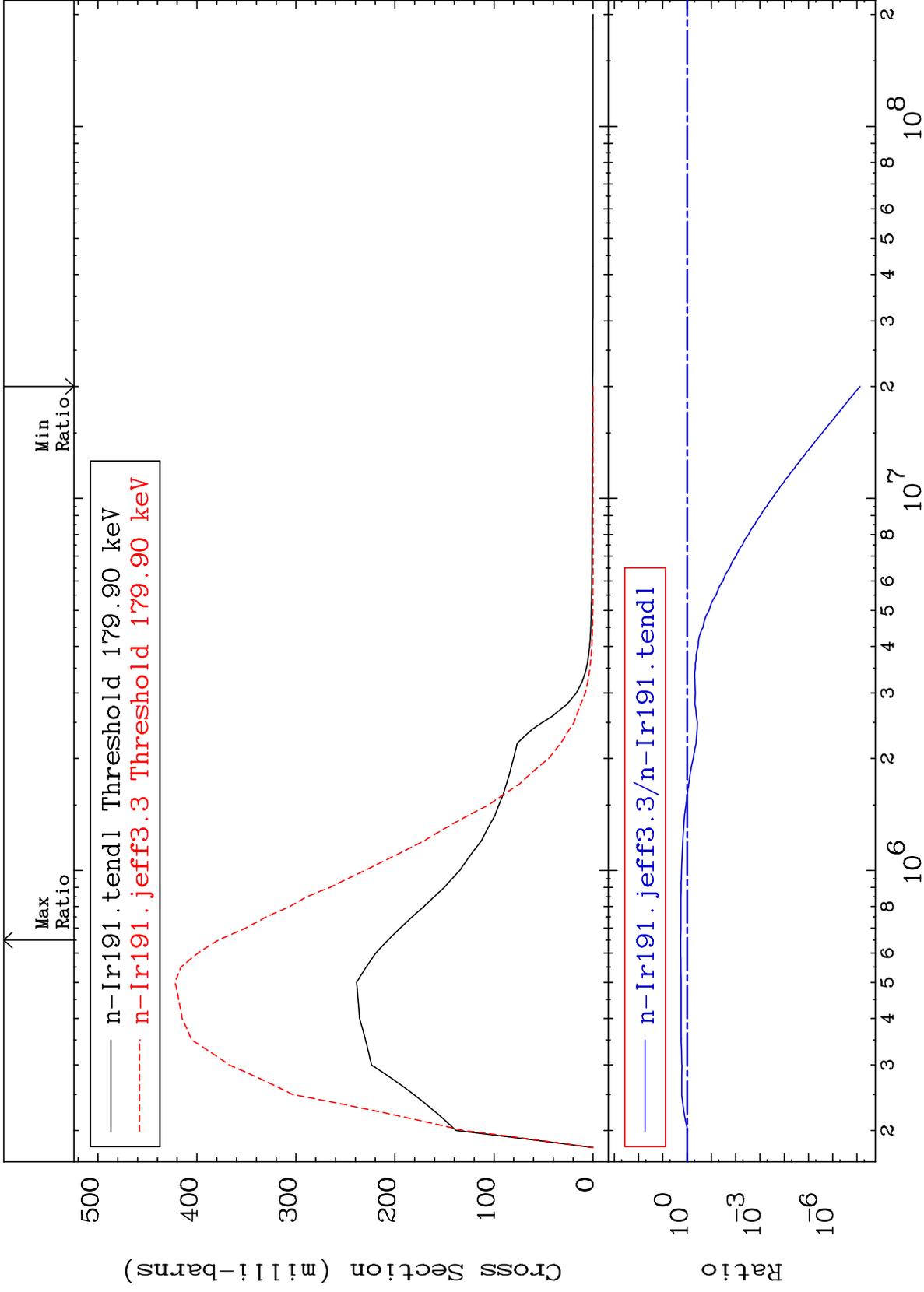
Incident Energy (eV)

⁷⁷Ir-191

MAT 7725

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

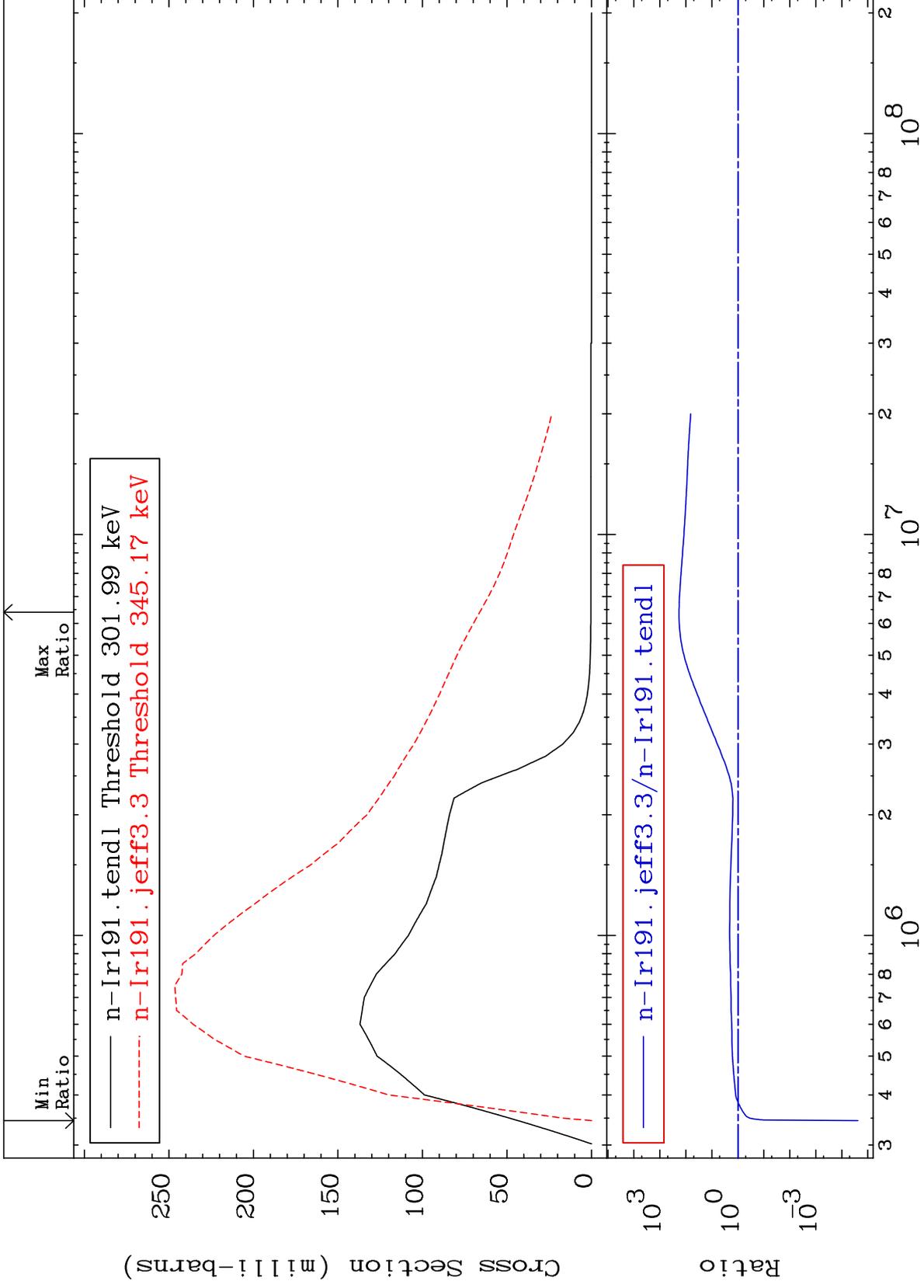
⁷⁷Ir-191
-100.0 To 82.84 %



MAT 7725

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

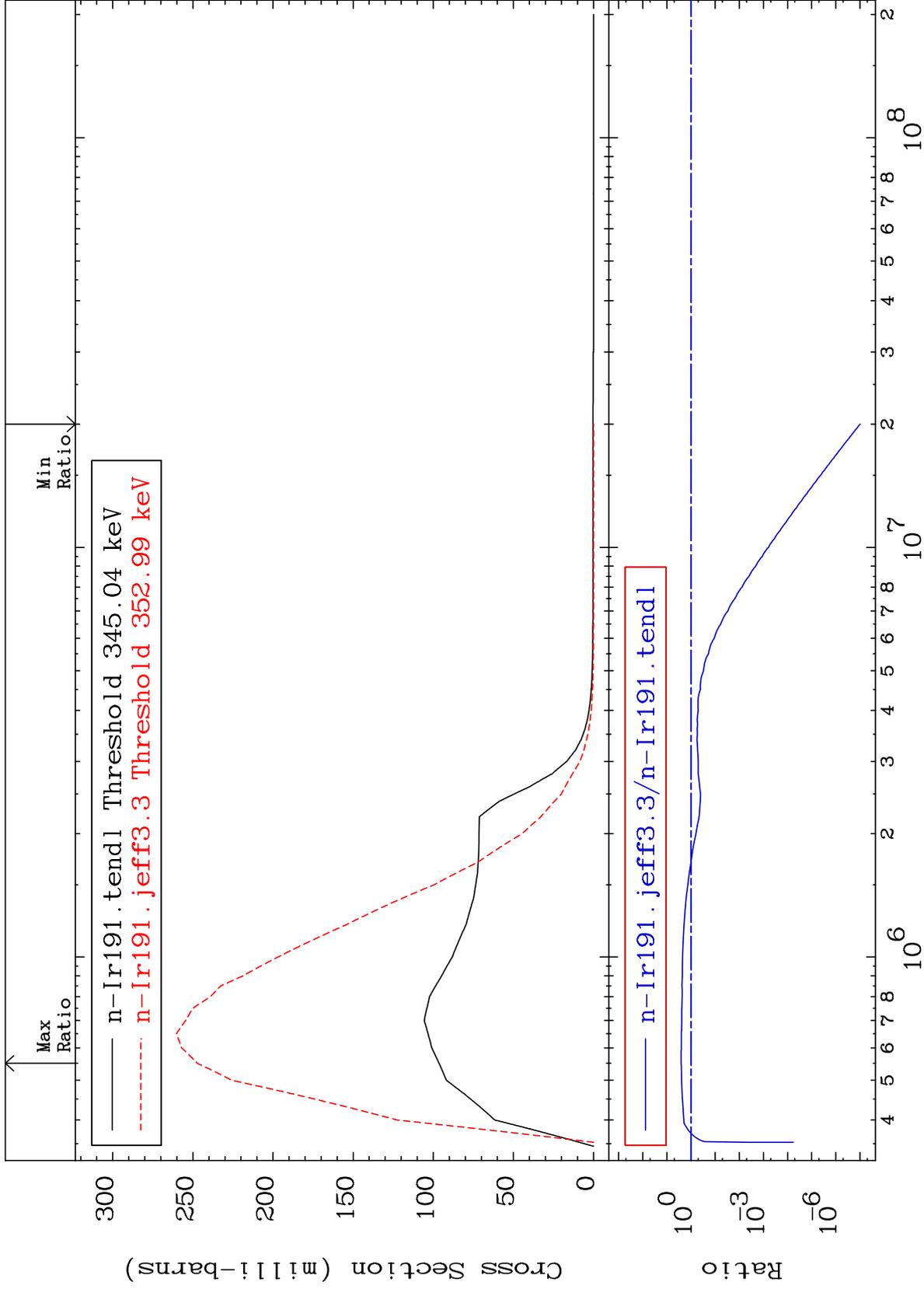
77-Ir-191
-100.0 To 9999. %



MAT 7725

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

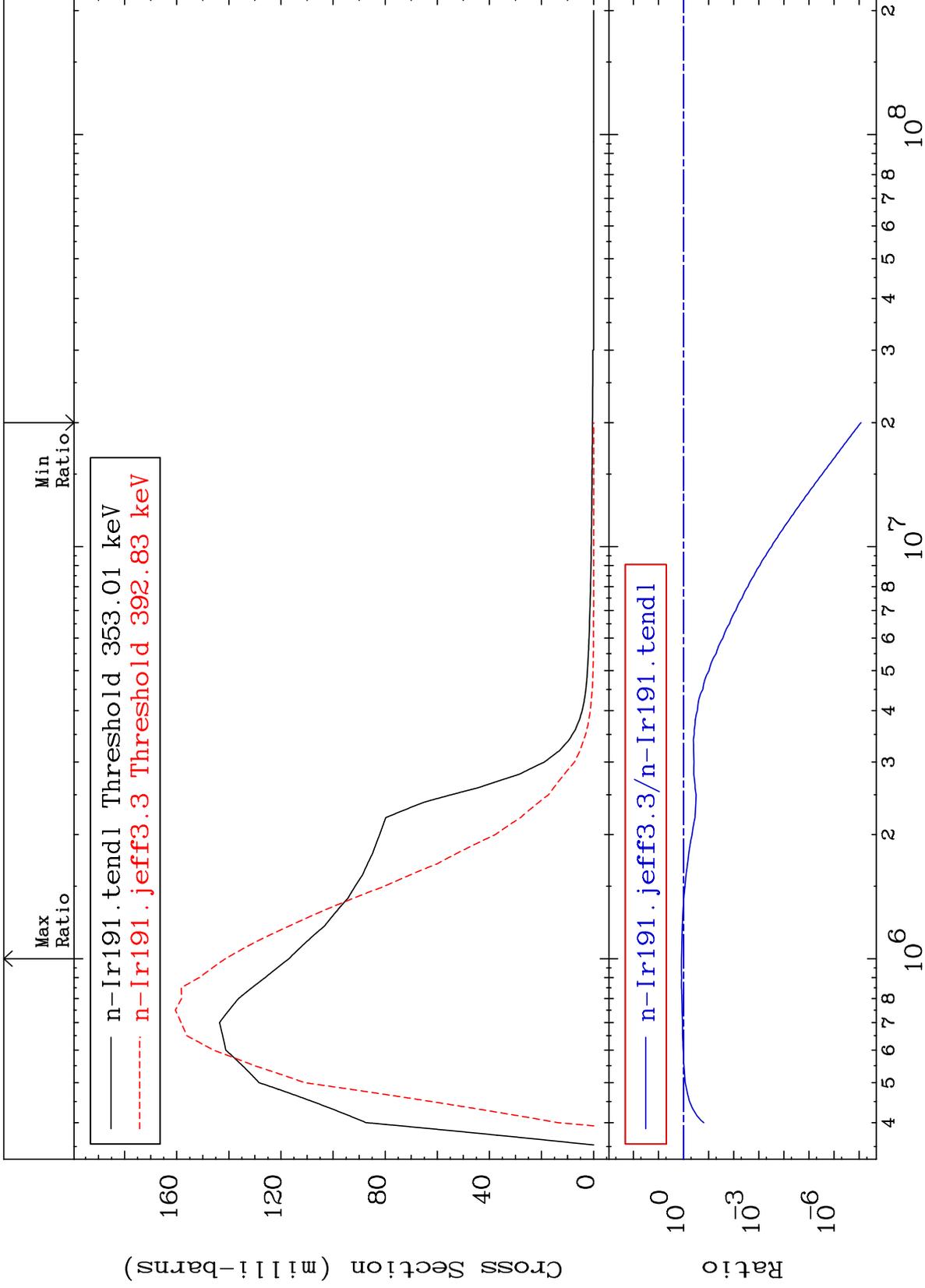
⁷⁷Ir-¹⁹¹Ir
-100.0 To 156.4 %



MAT 7725

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

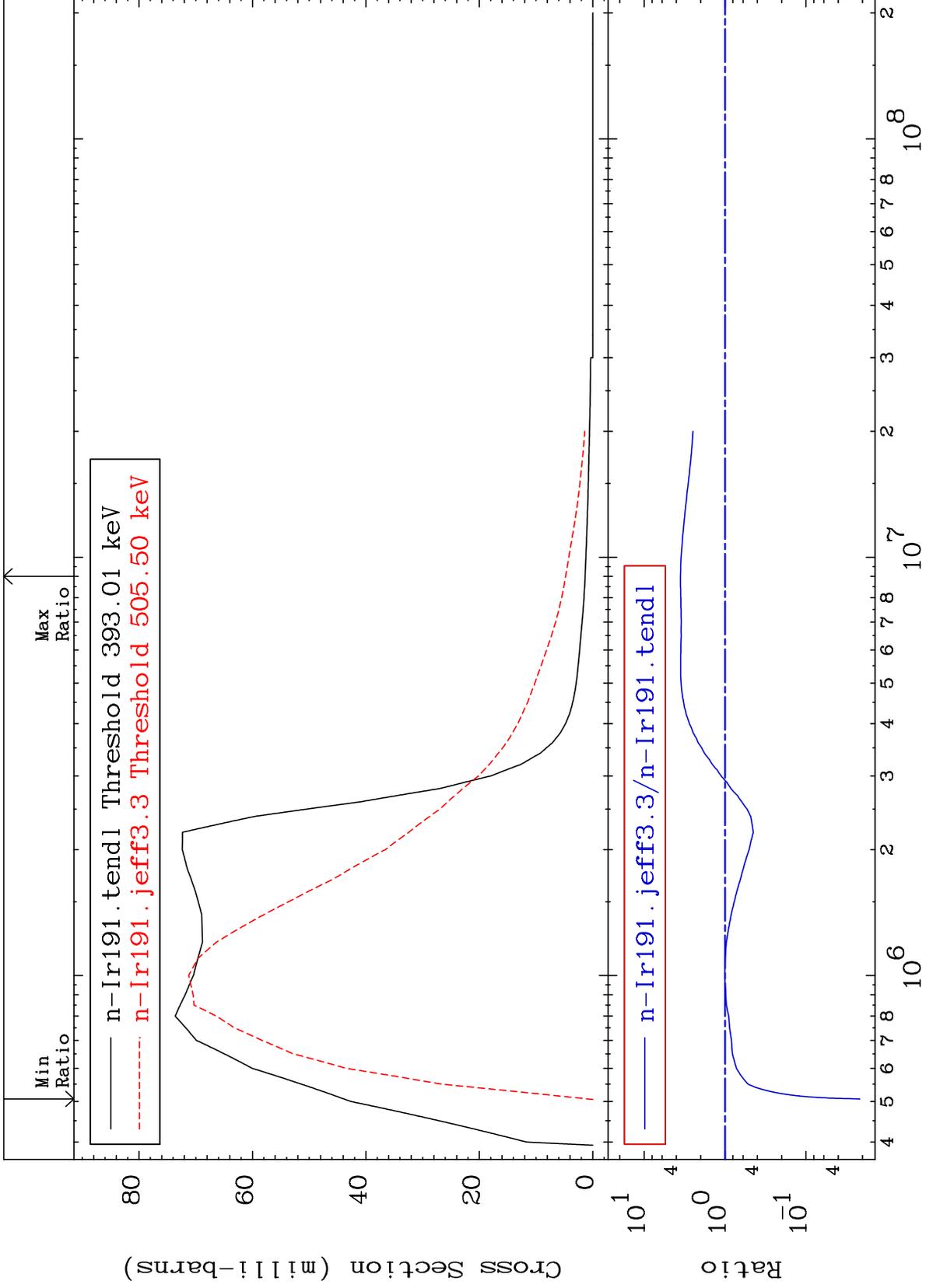
⁷⁷Ir-¹⁹¹Ir
-100.0 To 20.85 %



MAT 7725

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

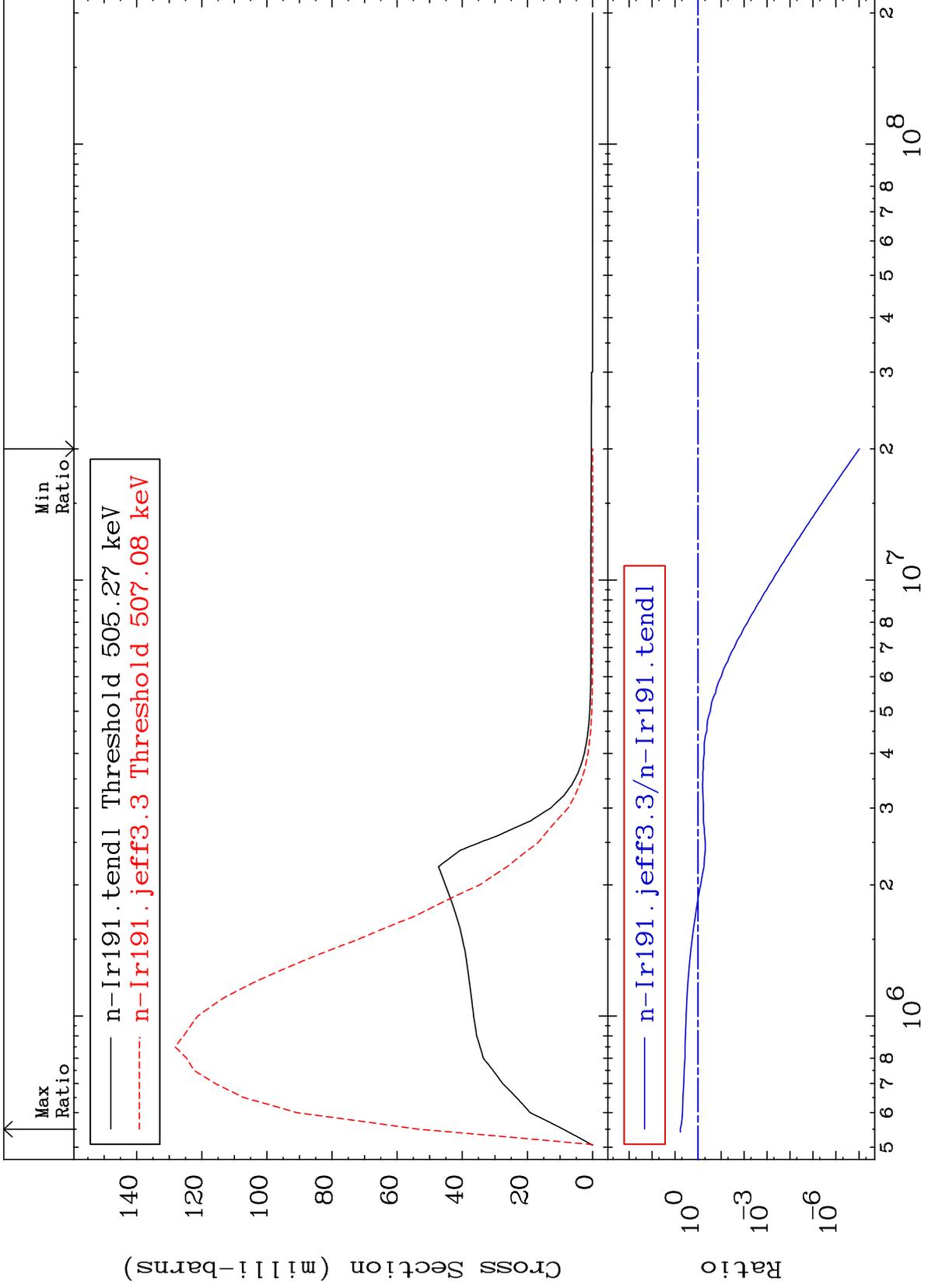
⁷⁷Ir-191
-97.84 To 255.6 %



MAT 7725

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

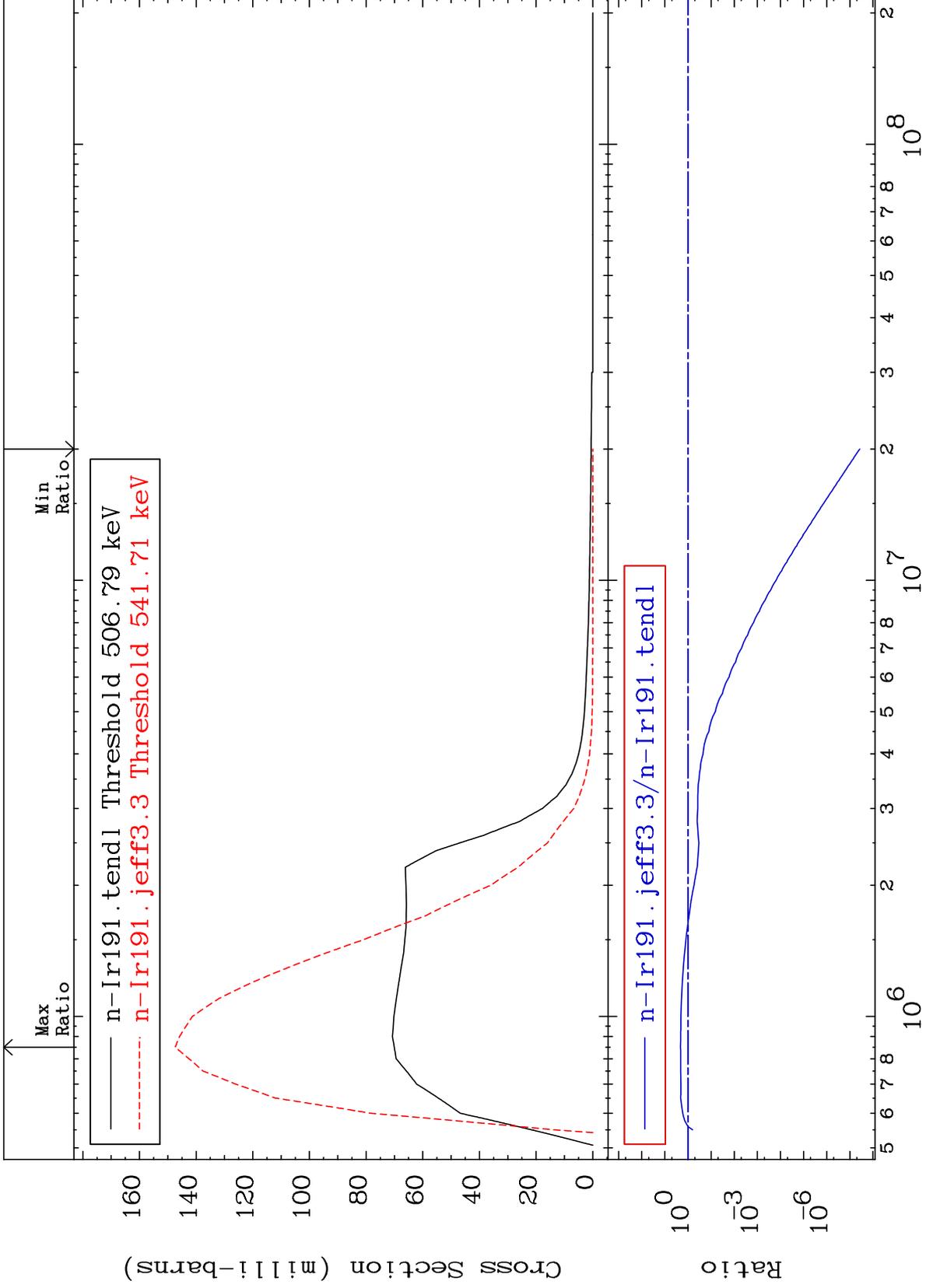
⁷⁷Ir-¹⁹¹
-100.0 To 493.6 %



MAT 7725

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

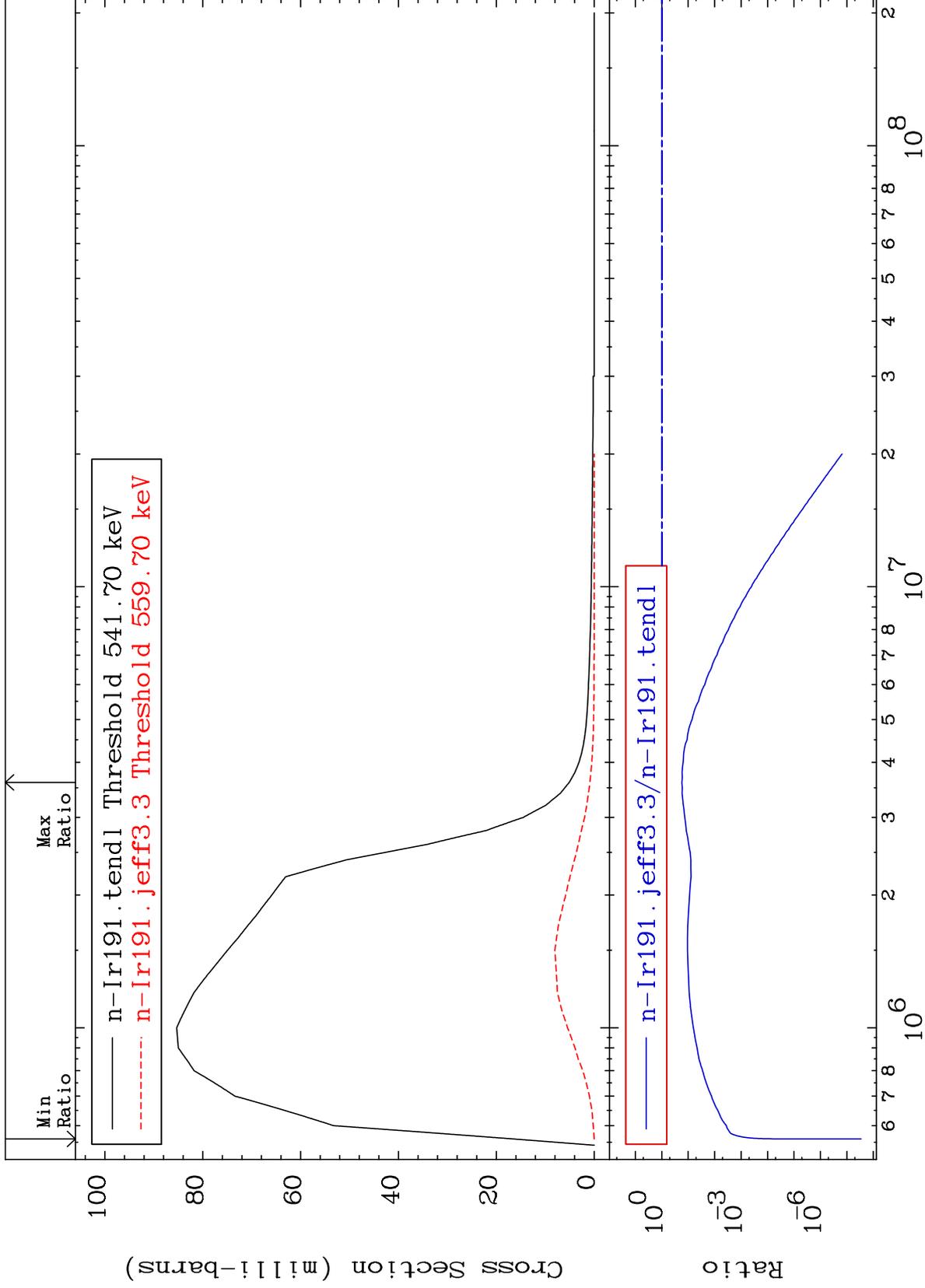
⁷⁷Ir-¹⁹¹Ir
-100.0 To 110.5 %



MAT 7725

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

⁷⁷Ir-¹⁹¹Ir
-100.0 To -82.71%



20

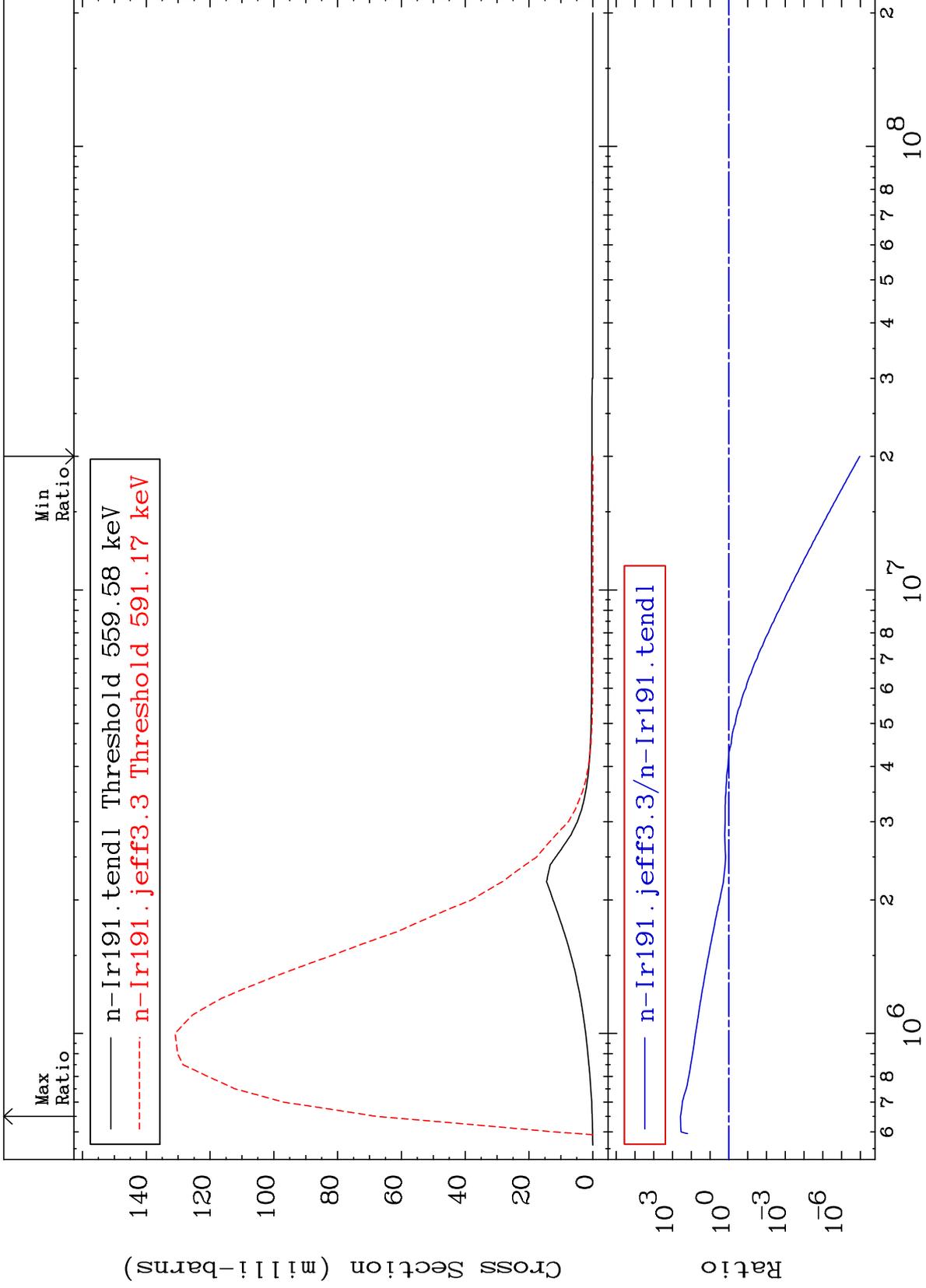
Incident Energy (eV)

⁷⁷Ir-¹⁹¹Ir

MAT 7725

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

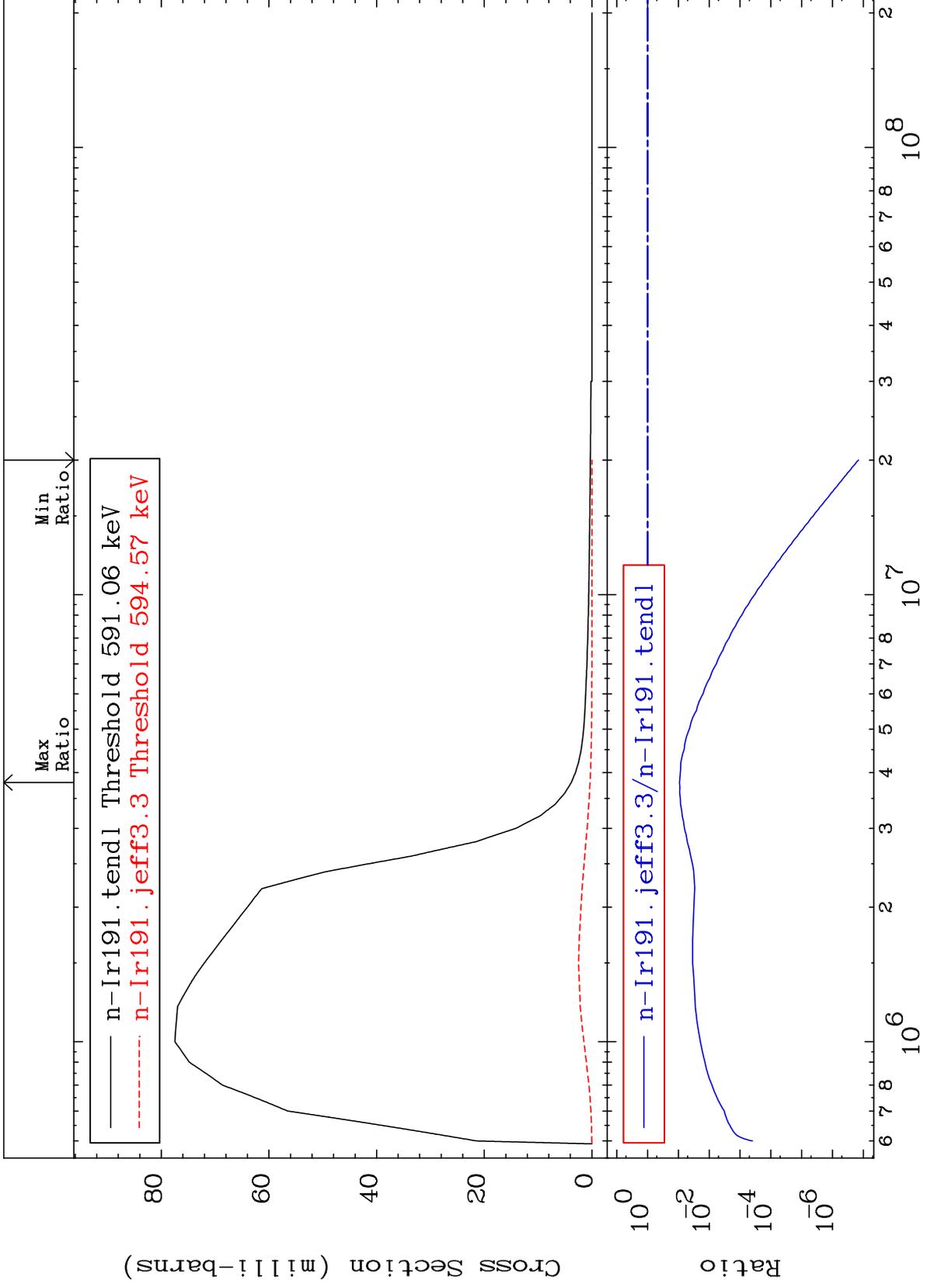
⁷⁷Ir-191
-100.0 To 9999. %



MAT 7725

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

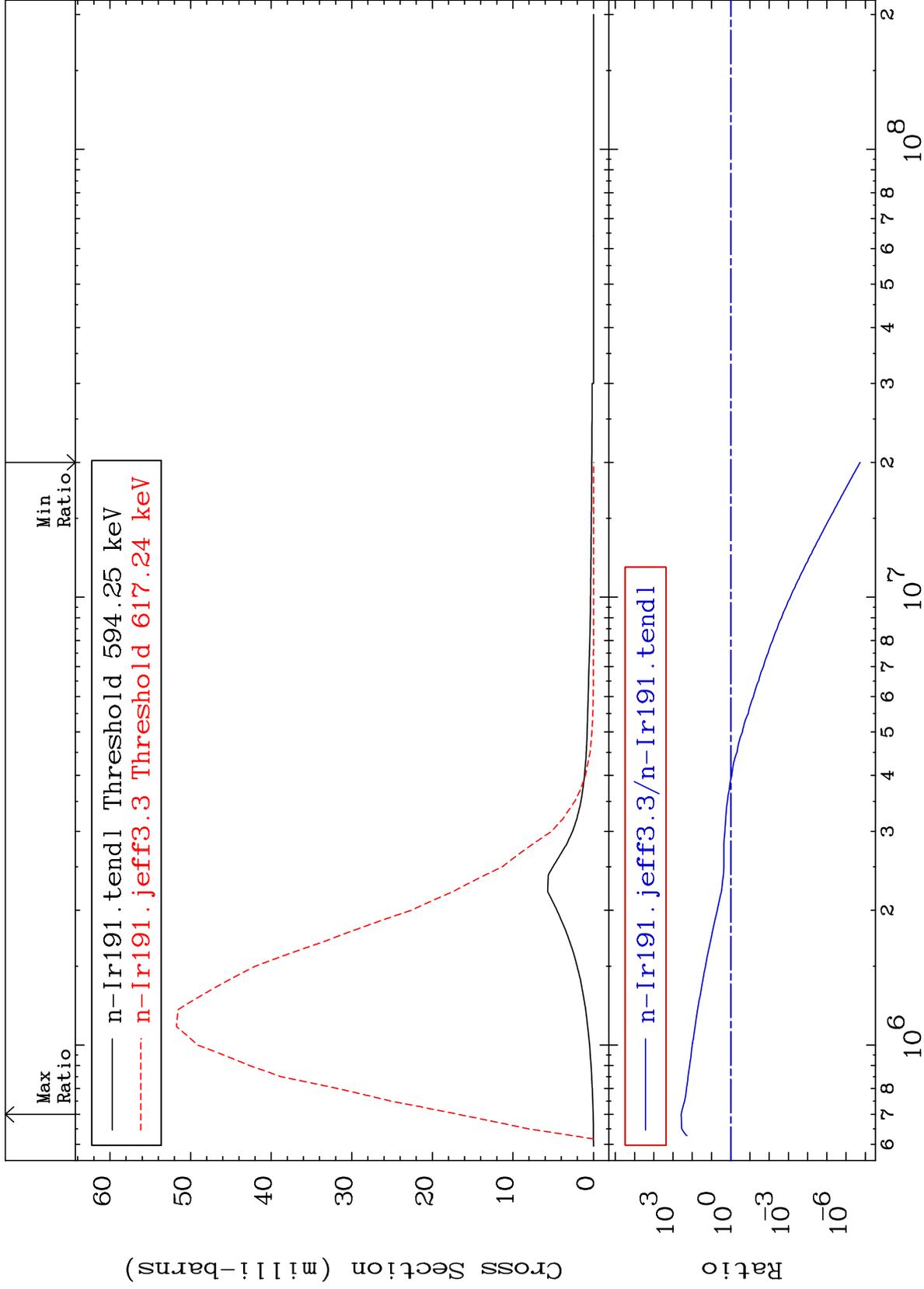
⁷⁷Ir-191
-100.0 To -90.84%



MAT 7725

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

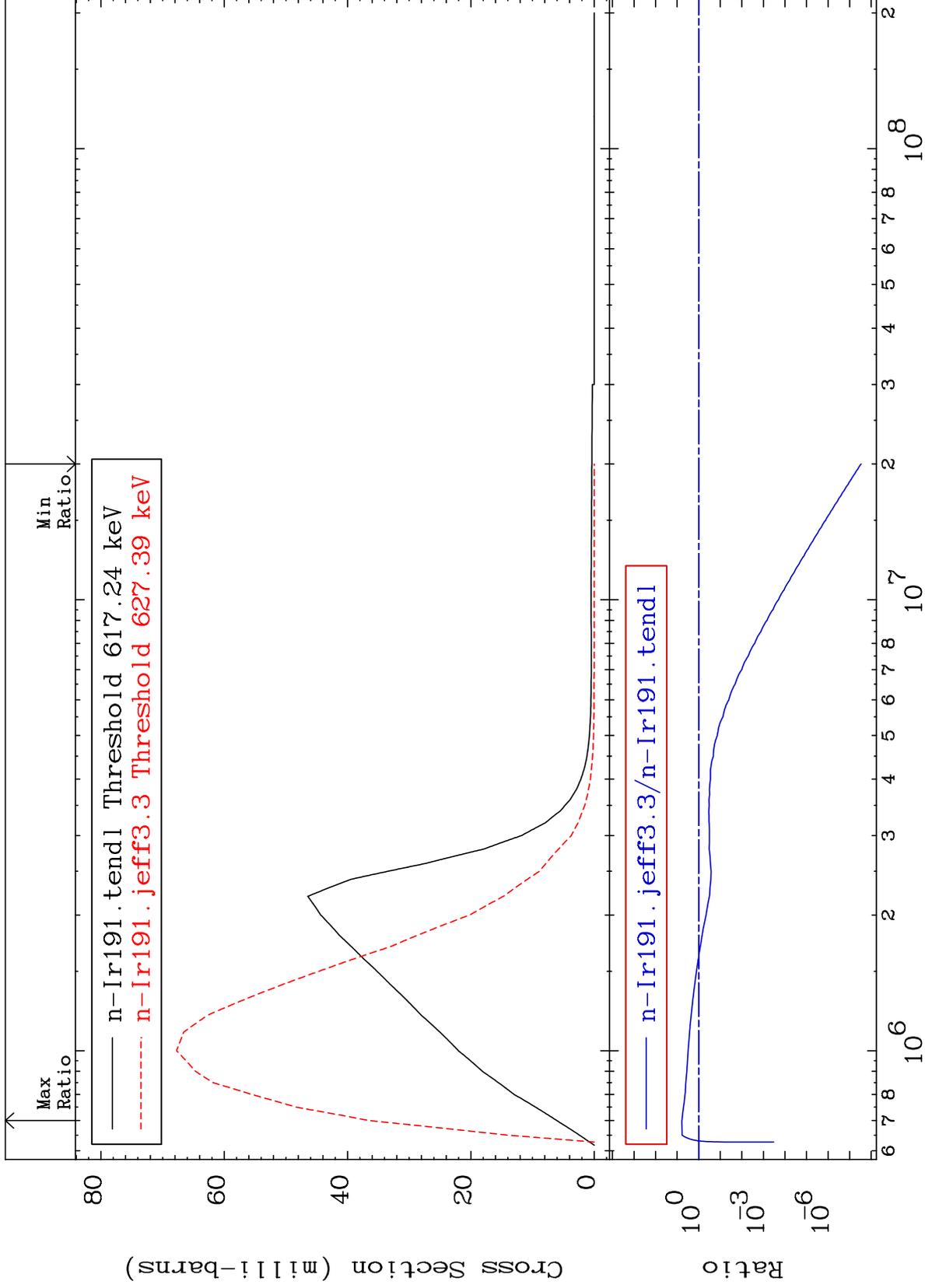
77-Ir-191
-100.0 To 9999. %



MAT 7725

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

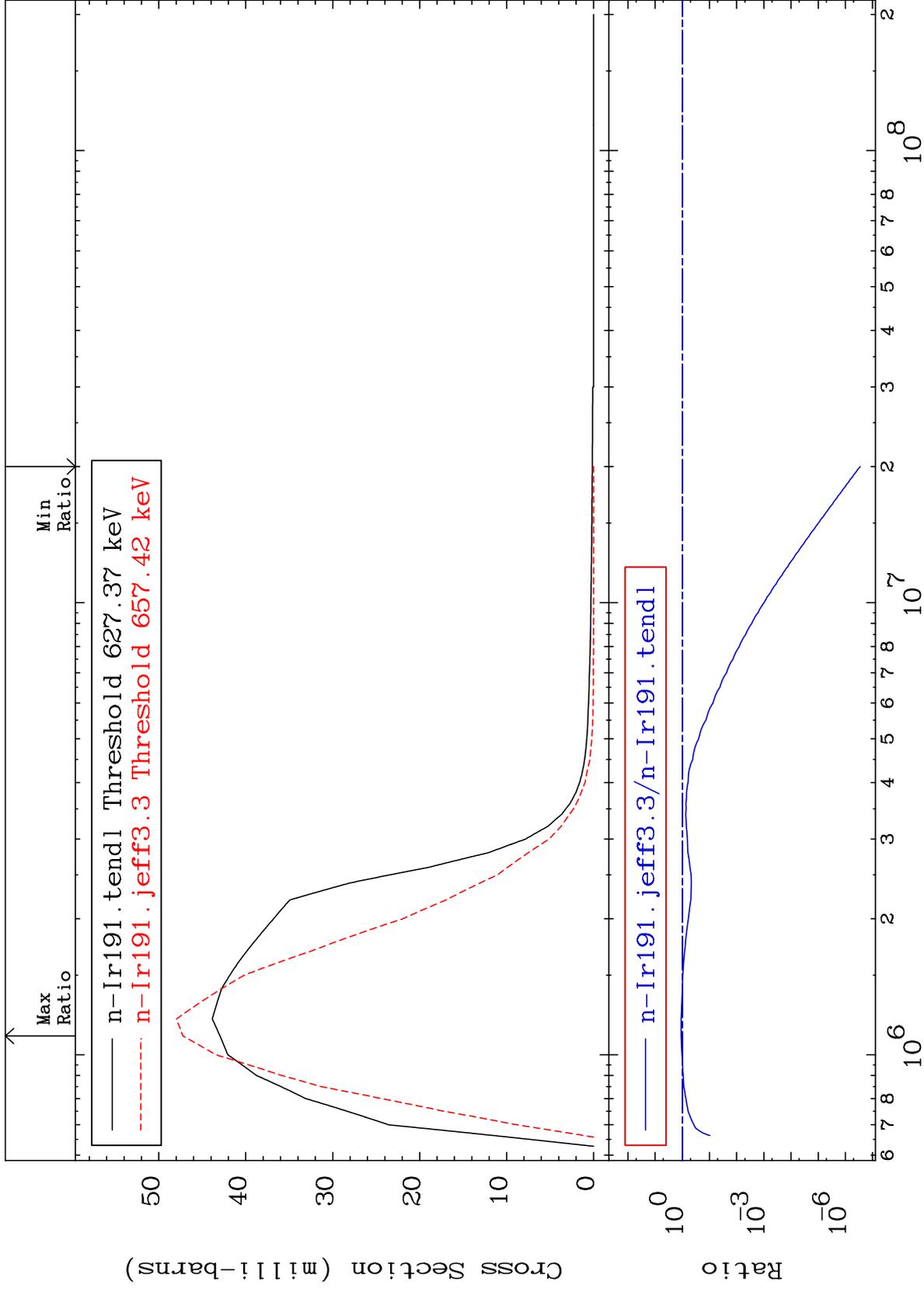
⁷⁷Ir-¹⁹¹Ir
-100.0 To 501.5 %



MAT 7725

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

77-Ir-191
-100.0 To 9.924 %



25

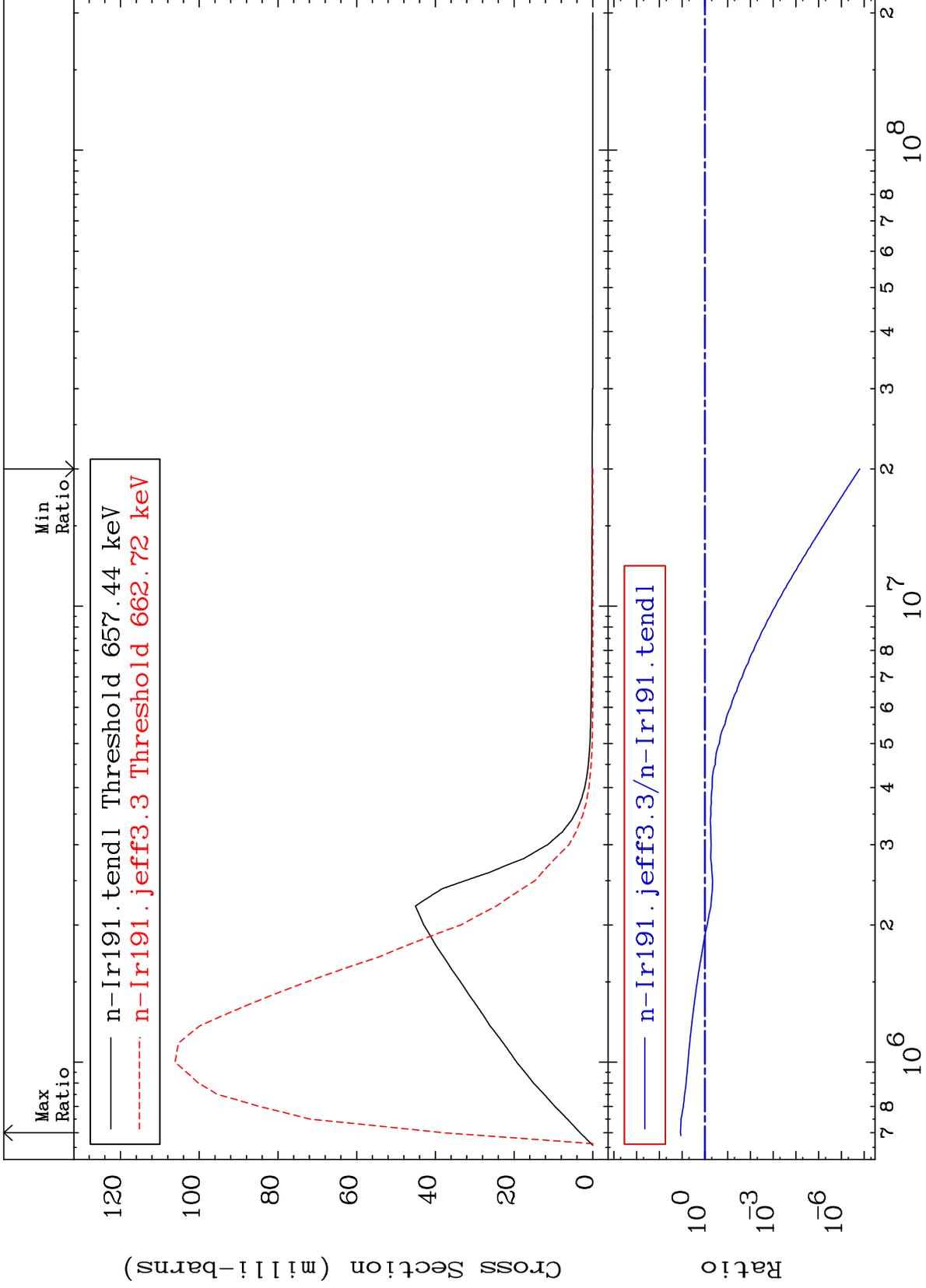
Incident Energy (eV)

77-Ir-191

MAT 7725

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

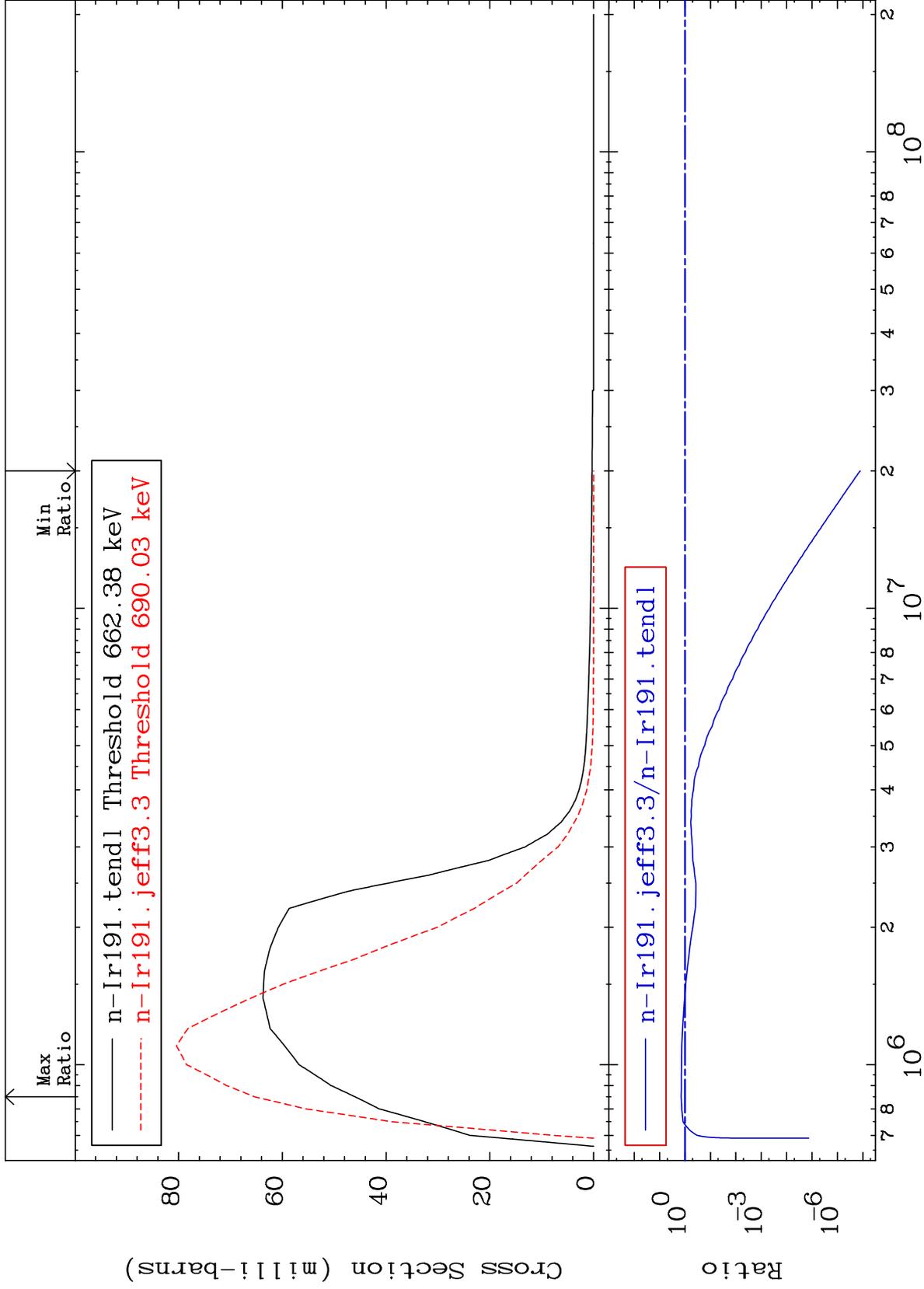
⁷⁷Ir-¹⁹¹Ir
-100.0 To 1071. %



MAT 7725

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

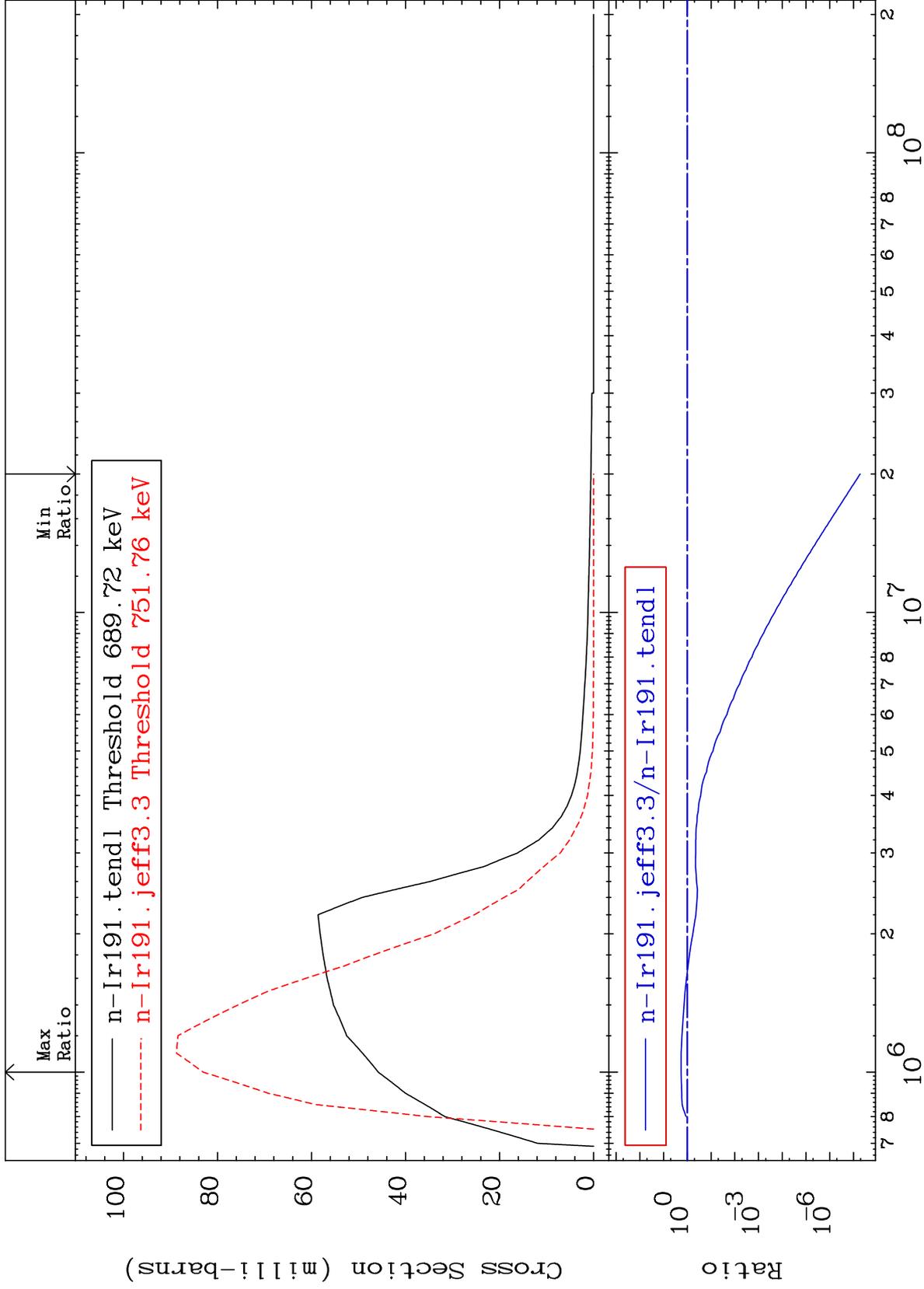
⁷⁷Ir-¹⁹¹Ir
-100.0 To 42.11 %

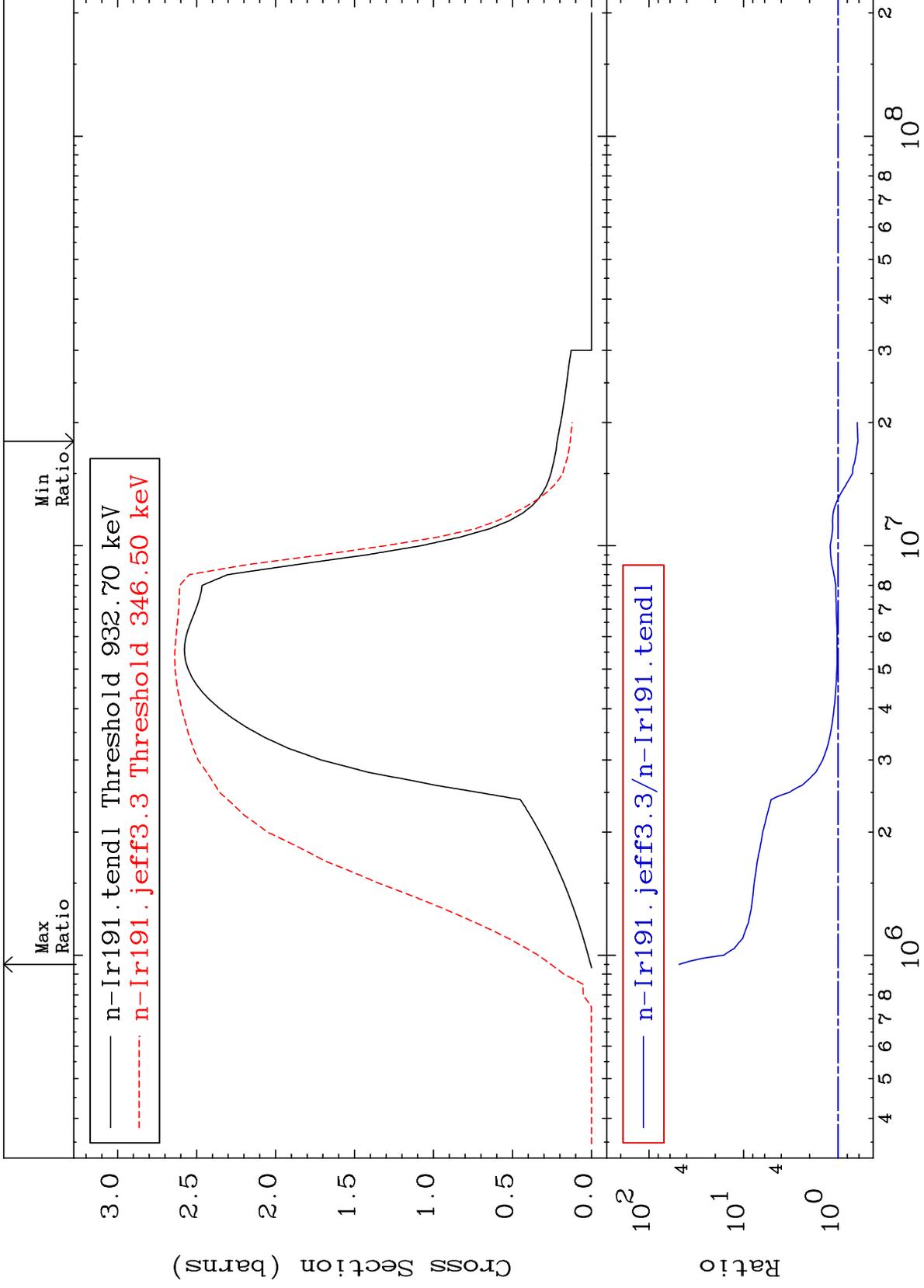


MAT 7725

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

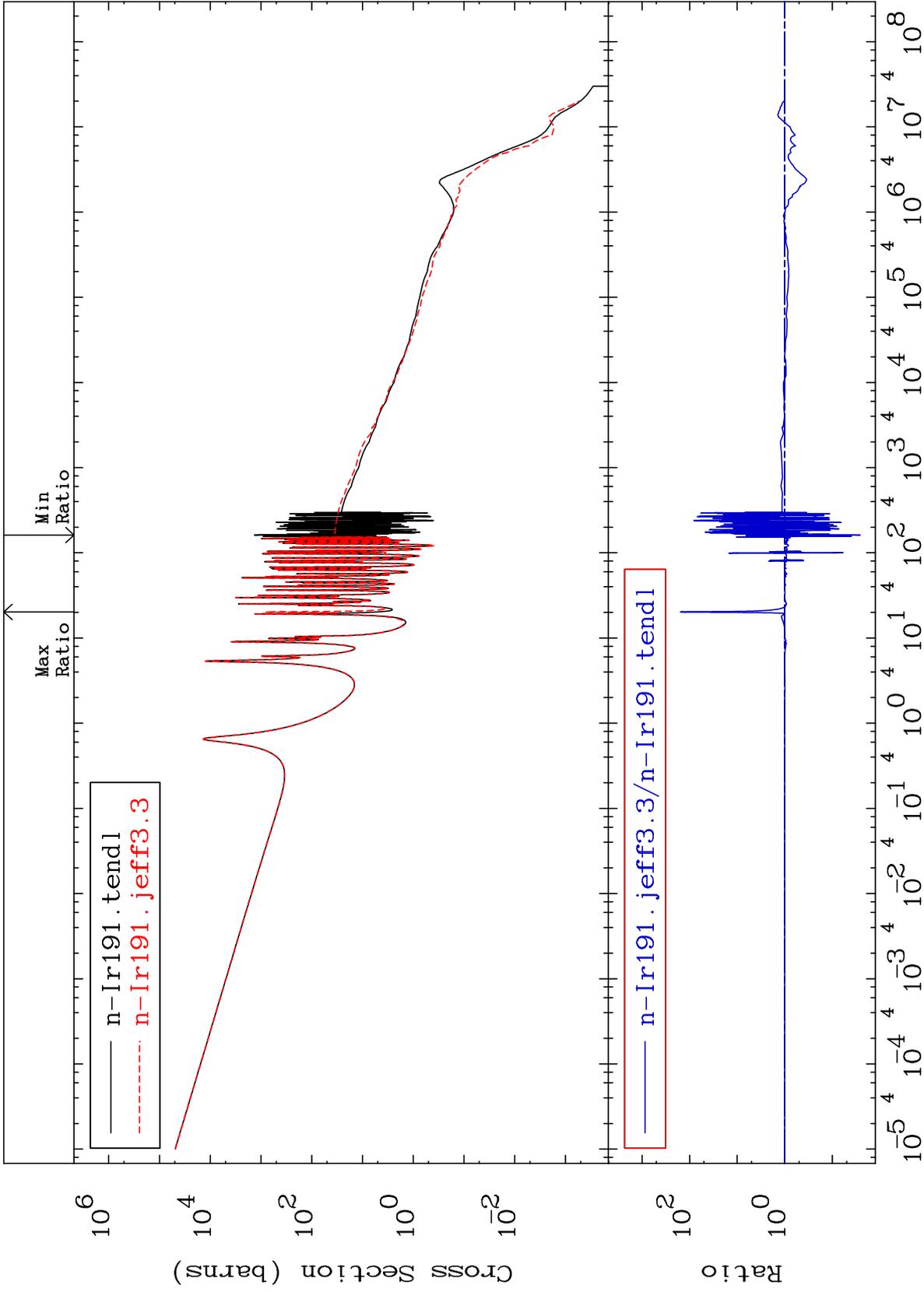
⁷⁷Ir-191
-100.0 To 81.37 %





MAT 7725

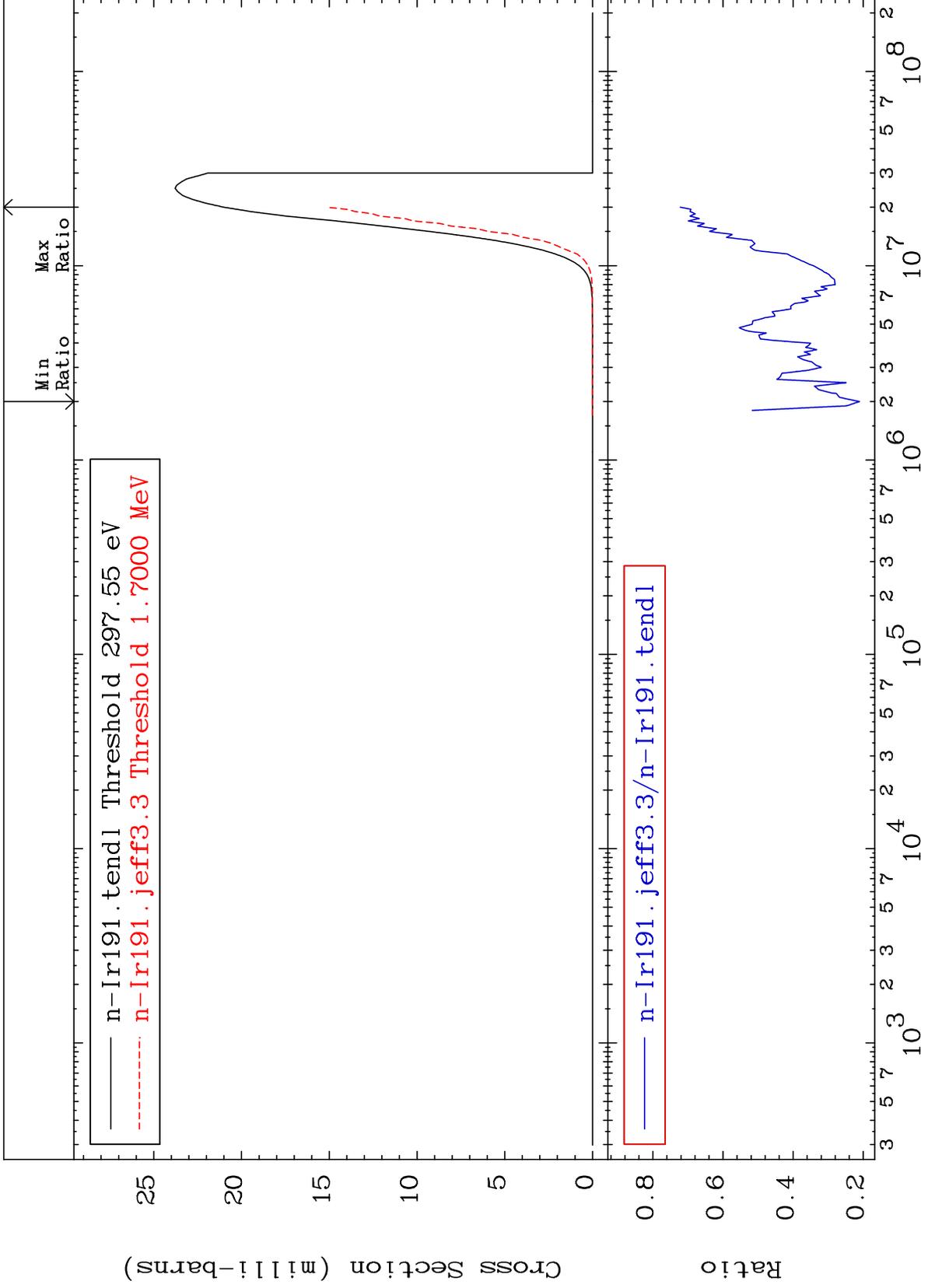
77-Ir-191
-97.39 To 9999. %



MAT 7725

(n,p)
Cross Section

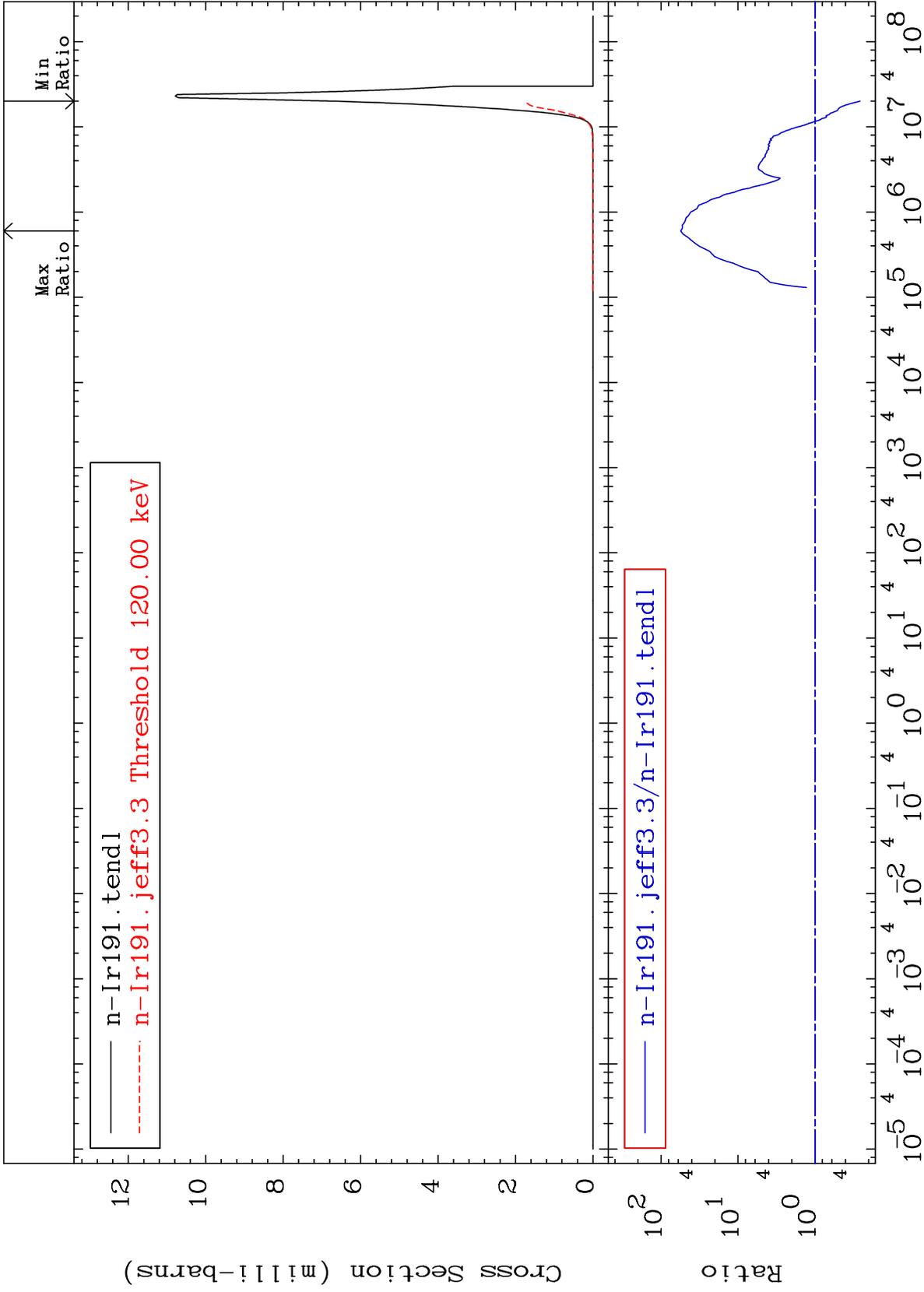
77-Ir-191
-78.92 To -27.80%

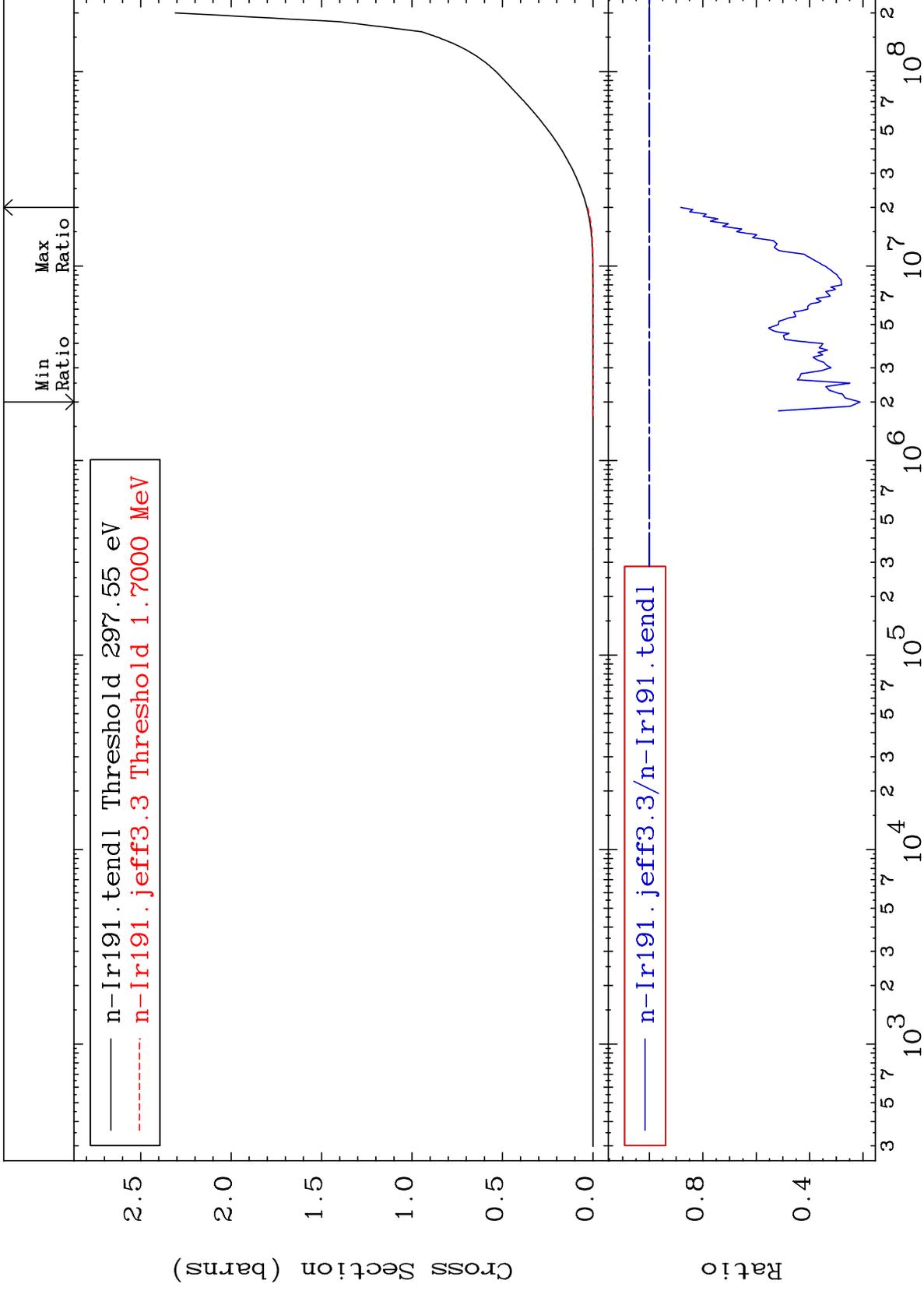


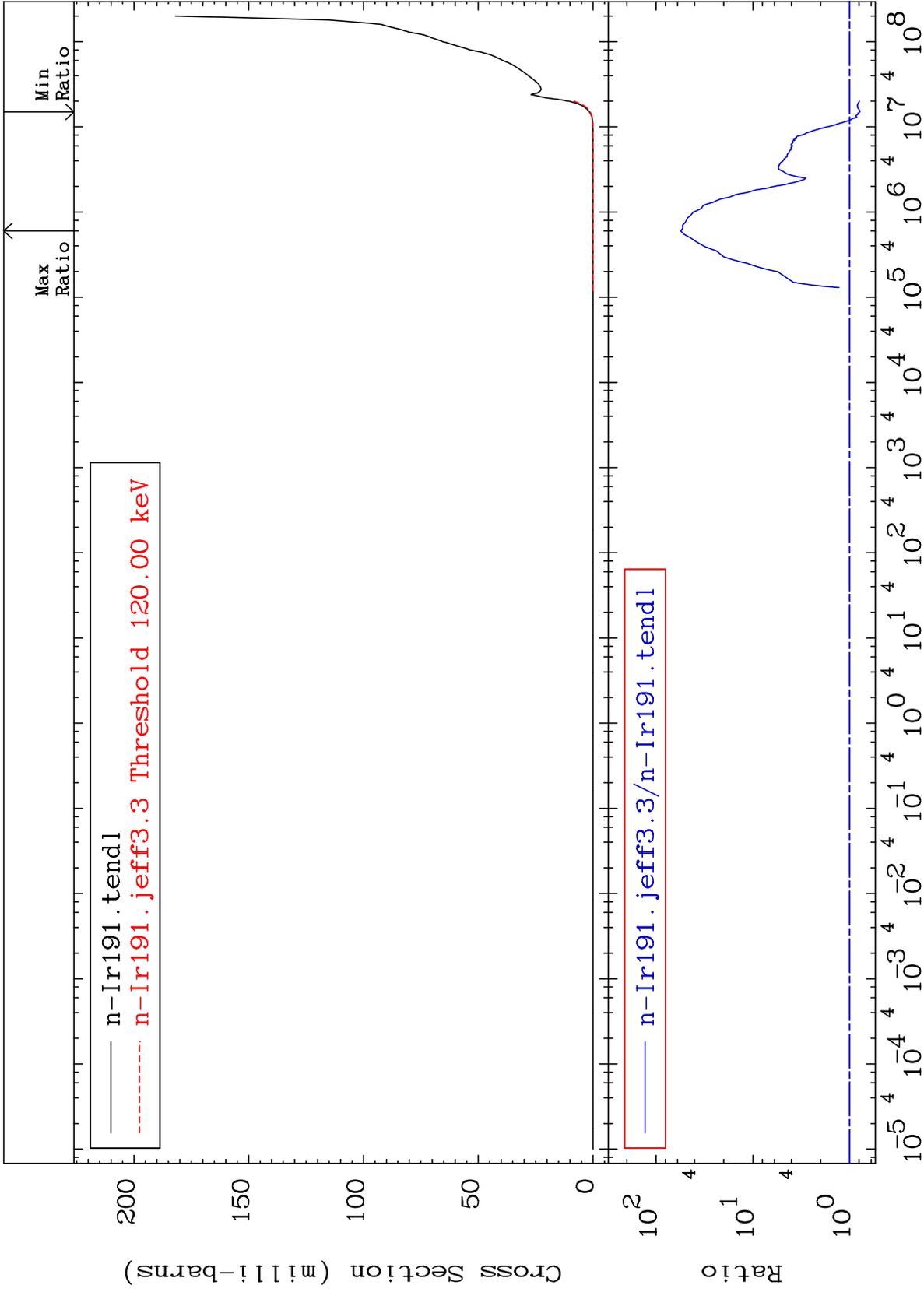
MAT 7725

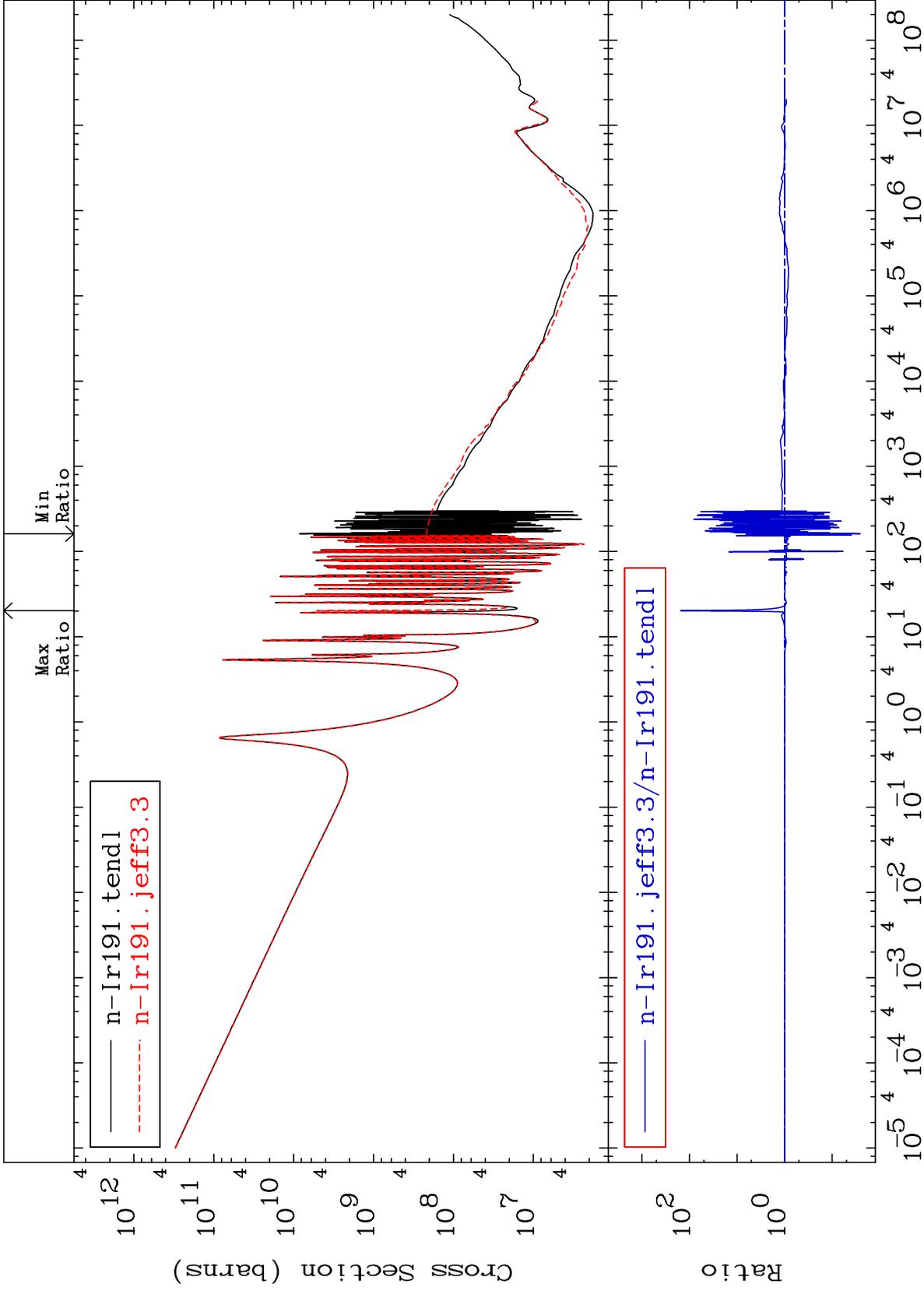
(n, α)
Cross Section

77-Ir-191
-74.17 To 5455. %





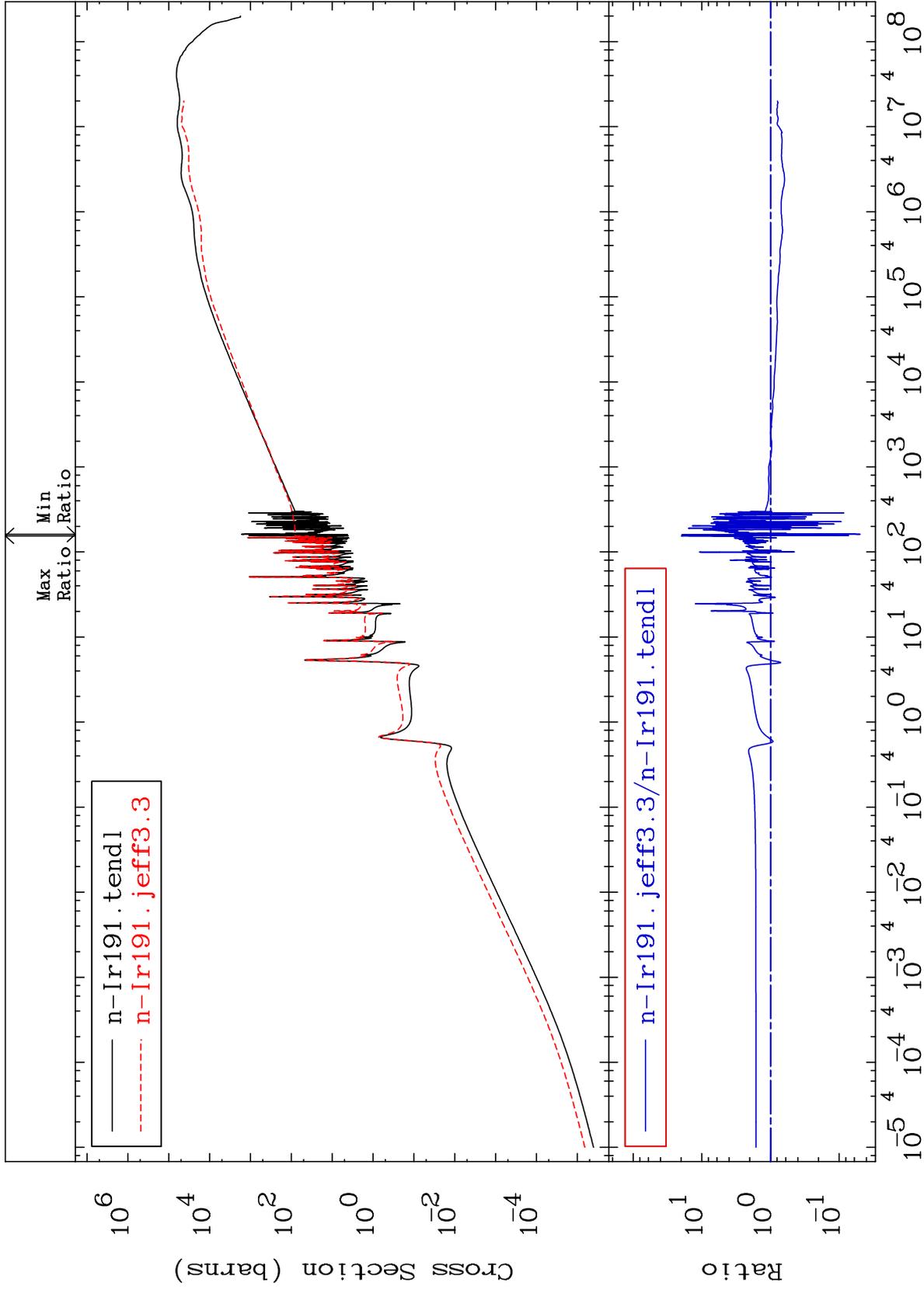


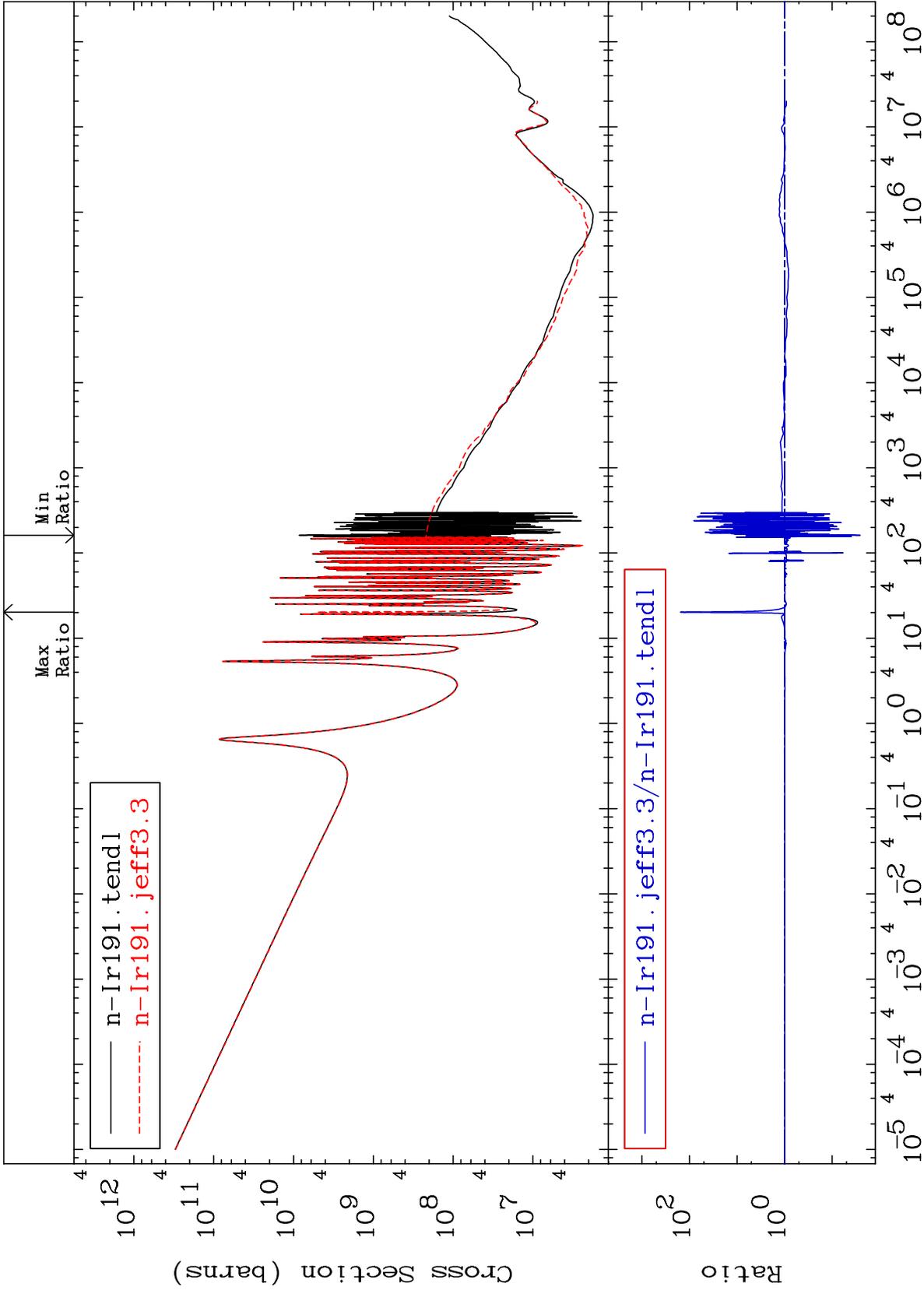


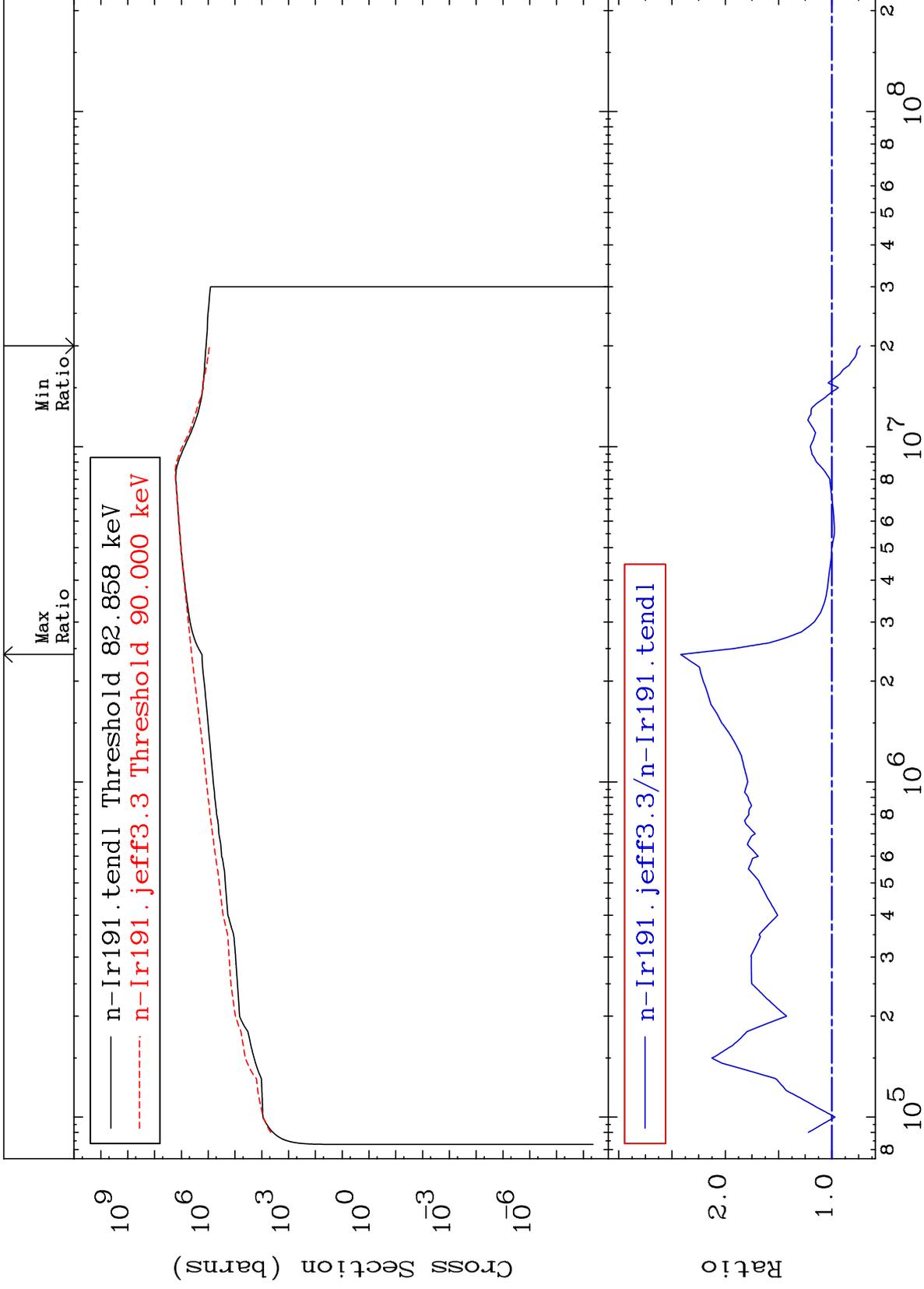
MAT 7725

Kerma elastic
Cross Section

⁷⁷Ir-¹⁹¹
-95.07 To 1898. %



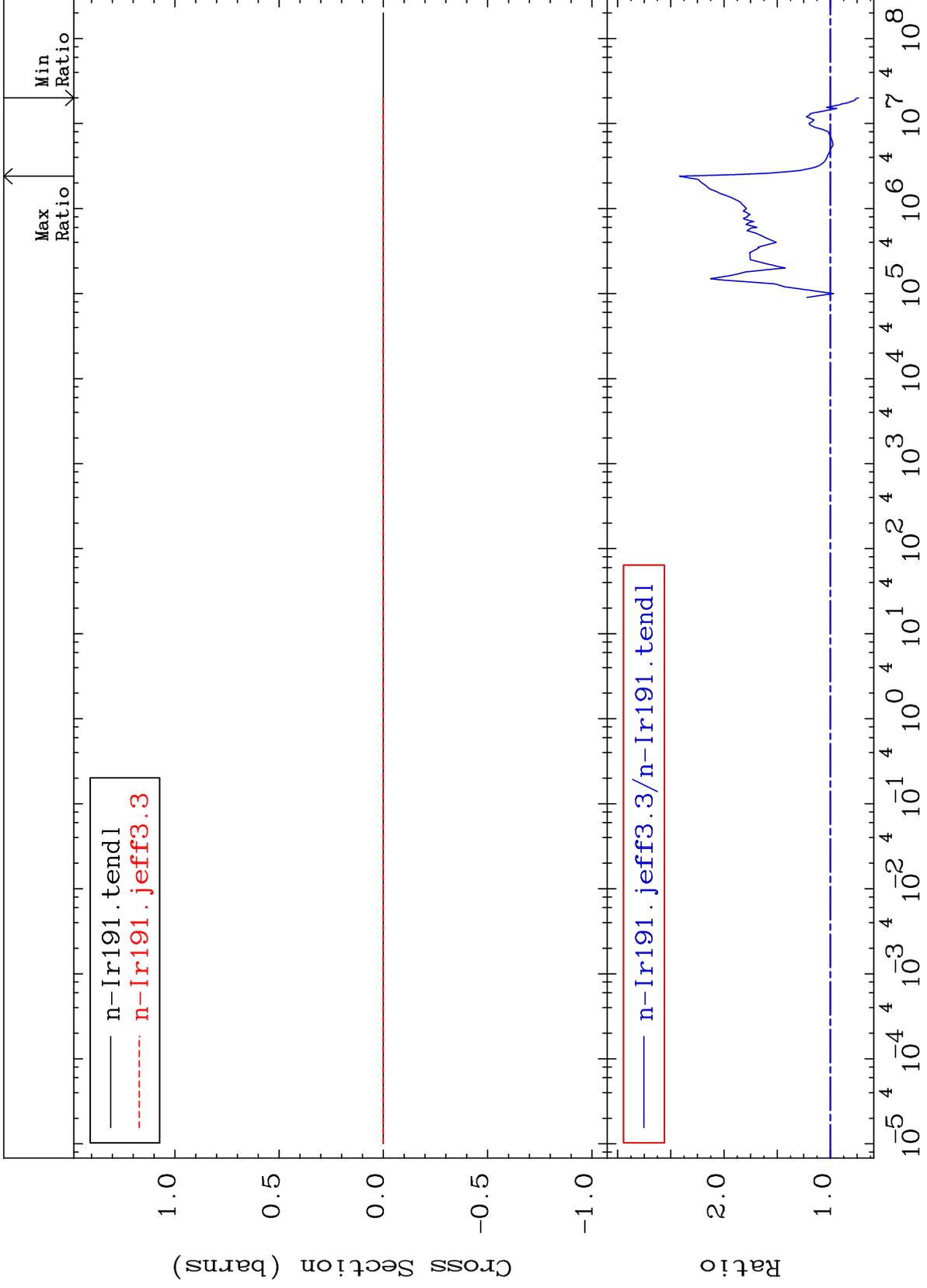




MAT 7725

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

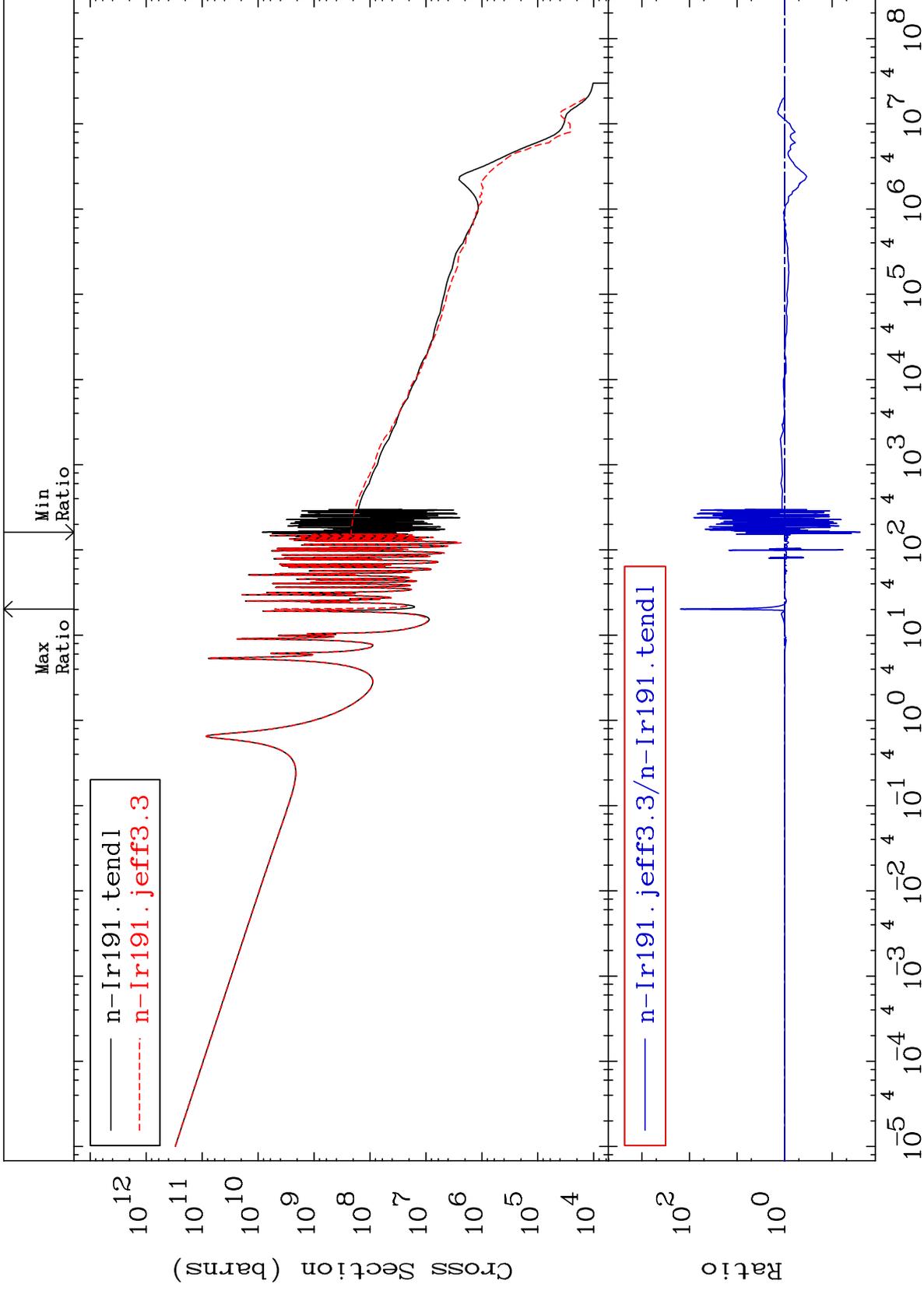
77-Ir-191
-26.43 To 141.8 %



MAT 7725

Kerma capture (mt102)
Cross Section

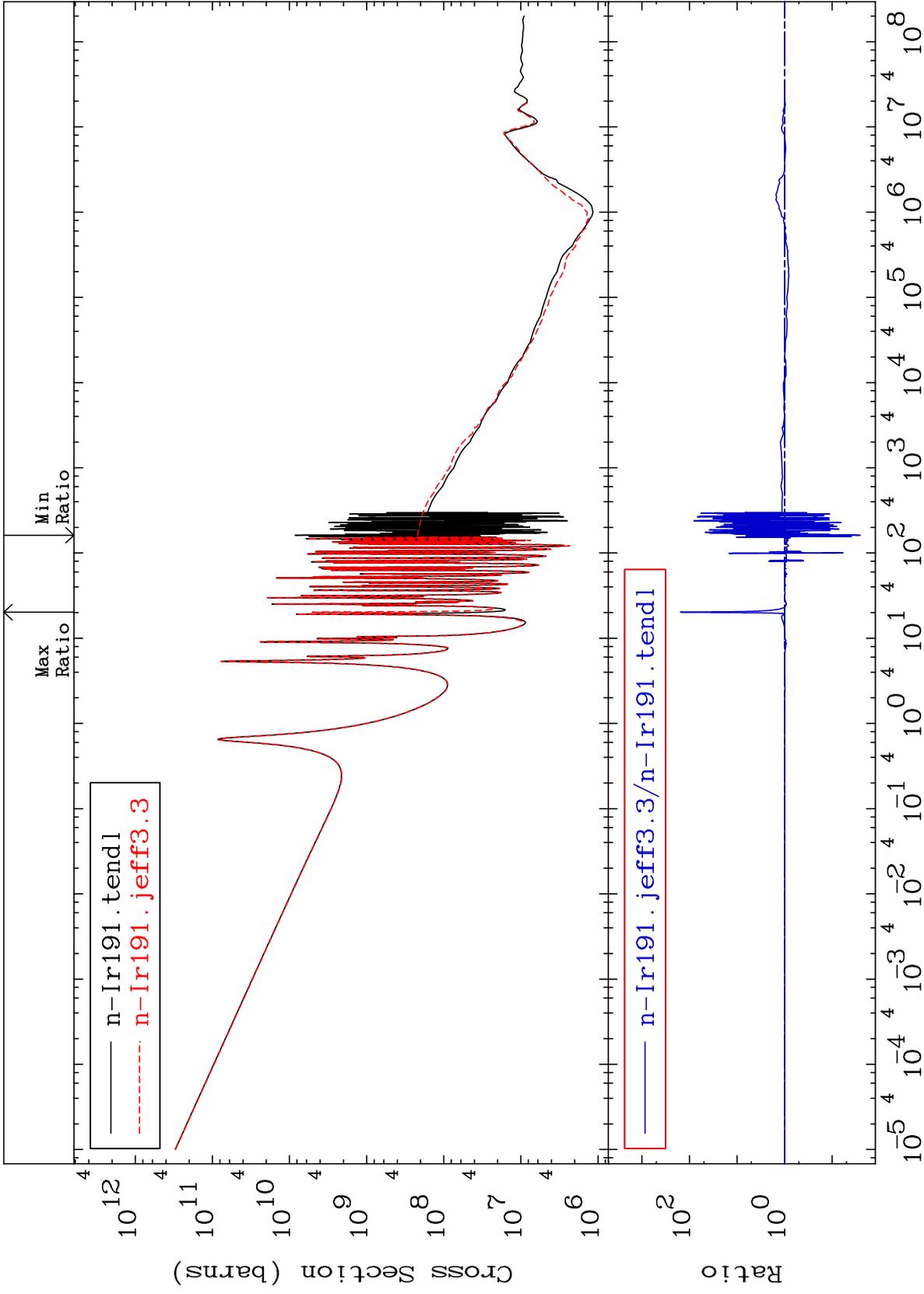
77-Ir-191
-97.41 To 9999. %

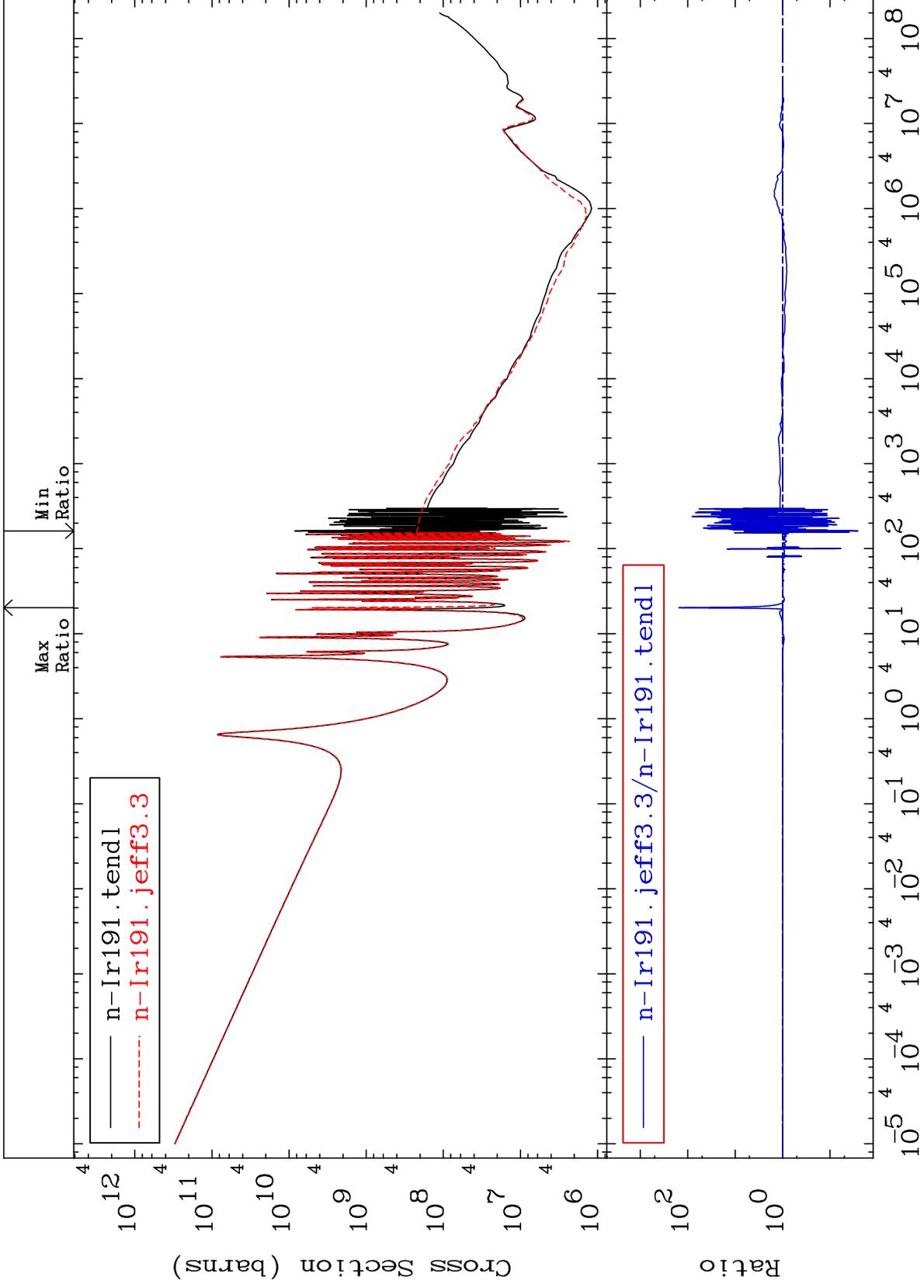


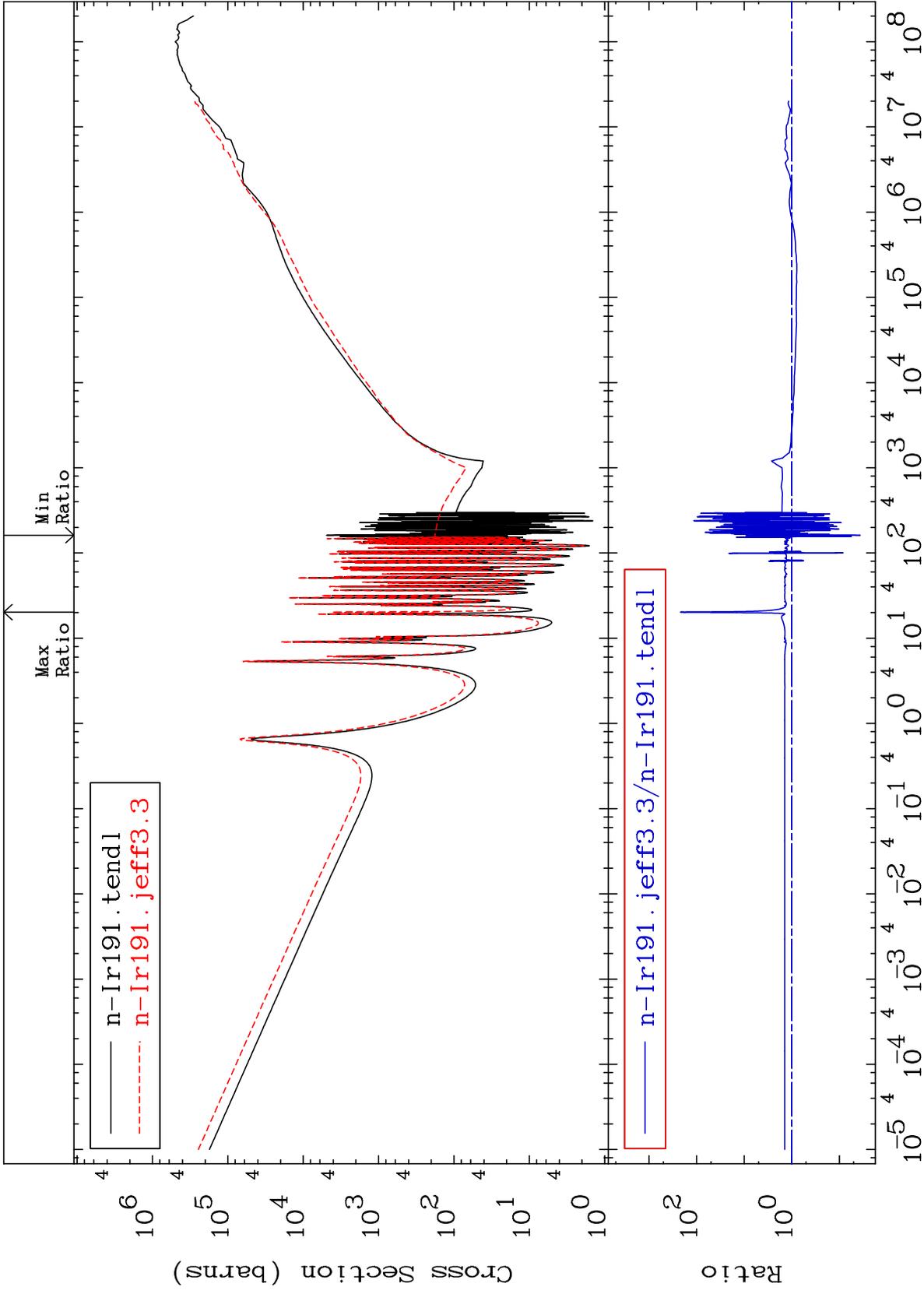
Incident Energy (eV)

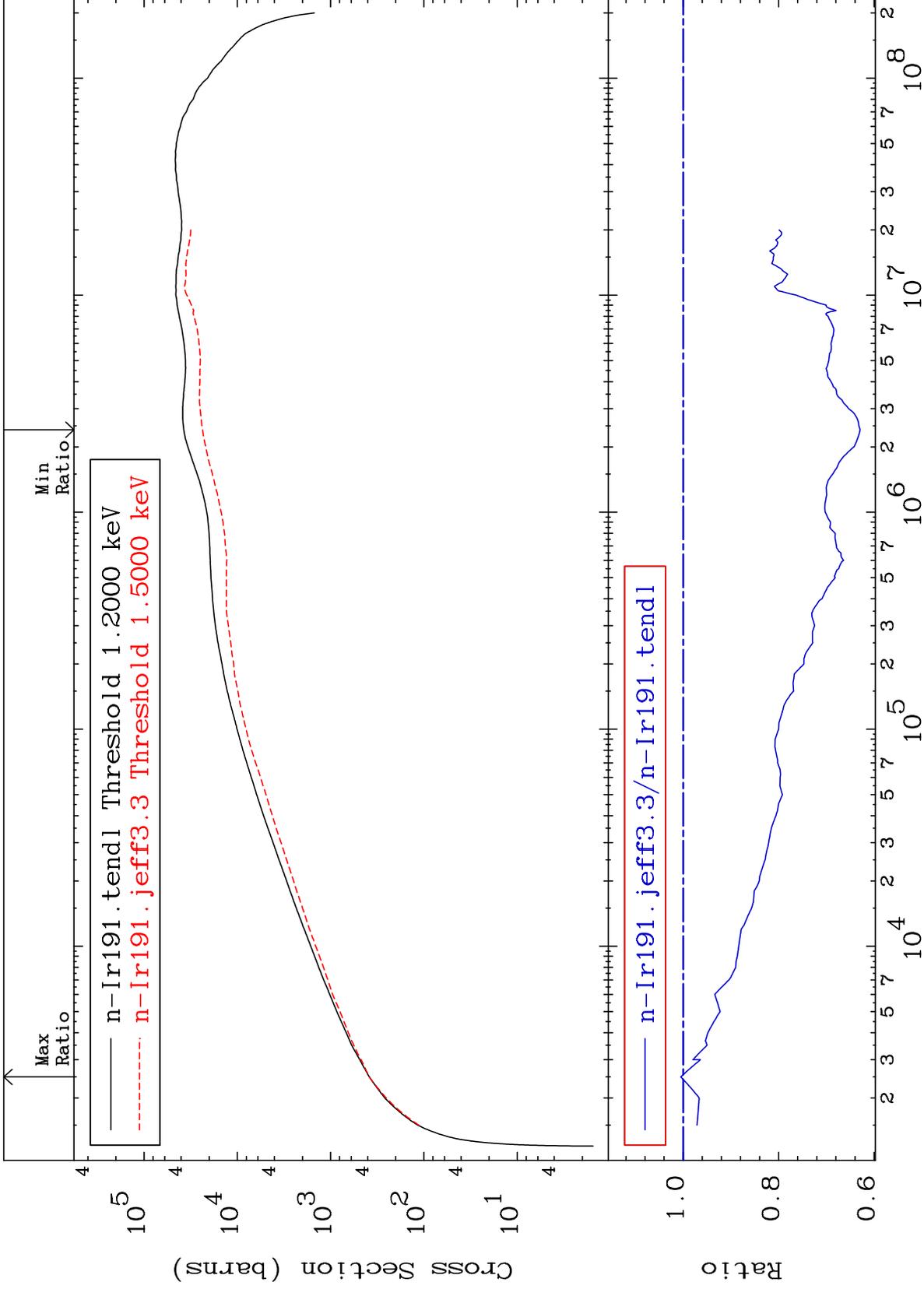
77-Ir-191

40





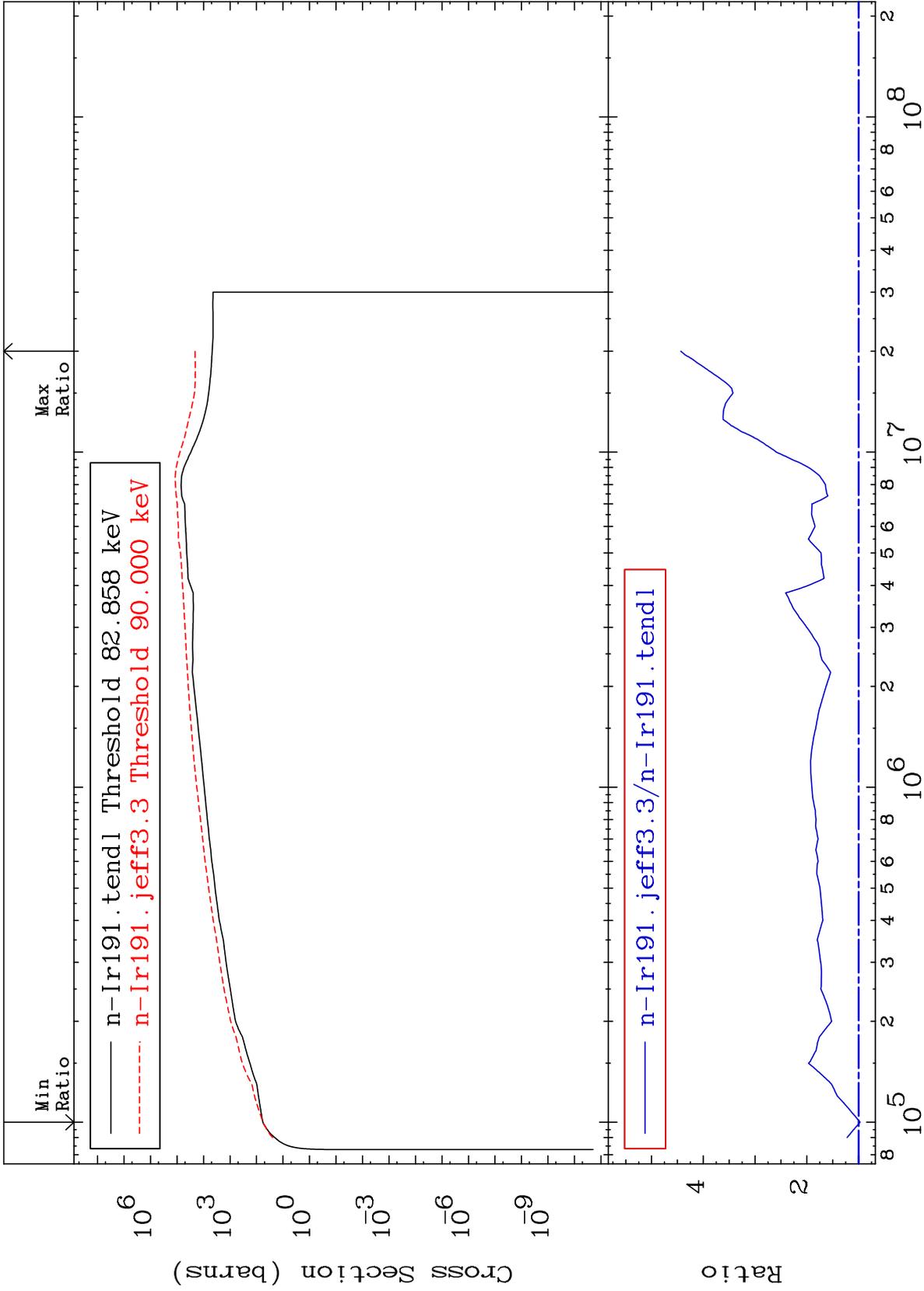




MAT 7725

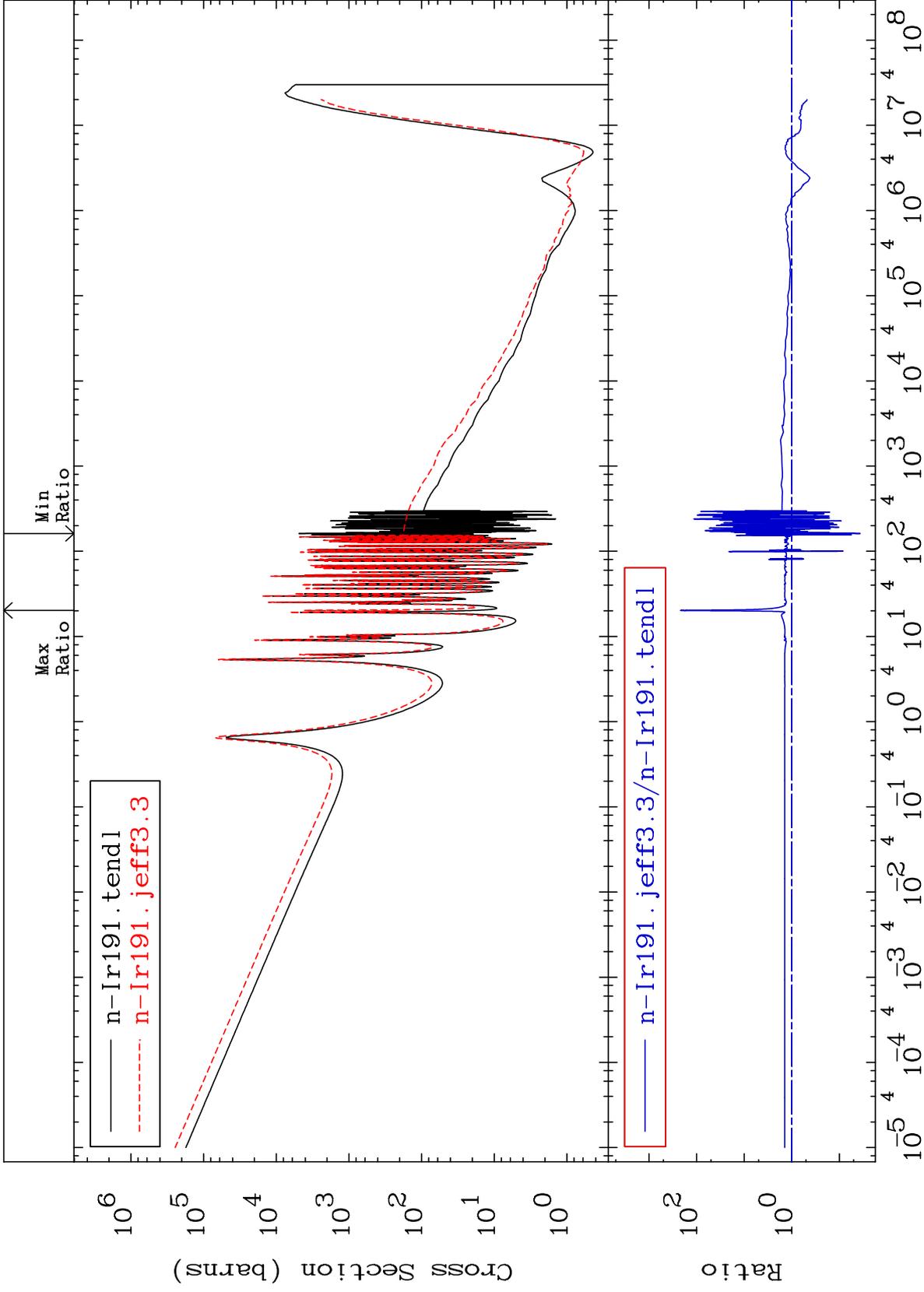
Dpa inelastic (mt51-91)
Cross Section

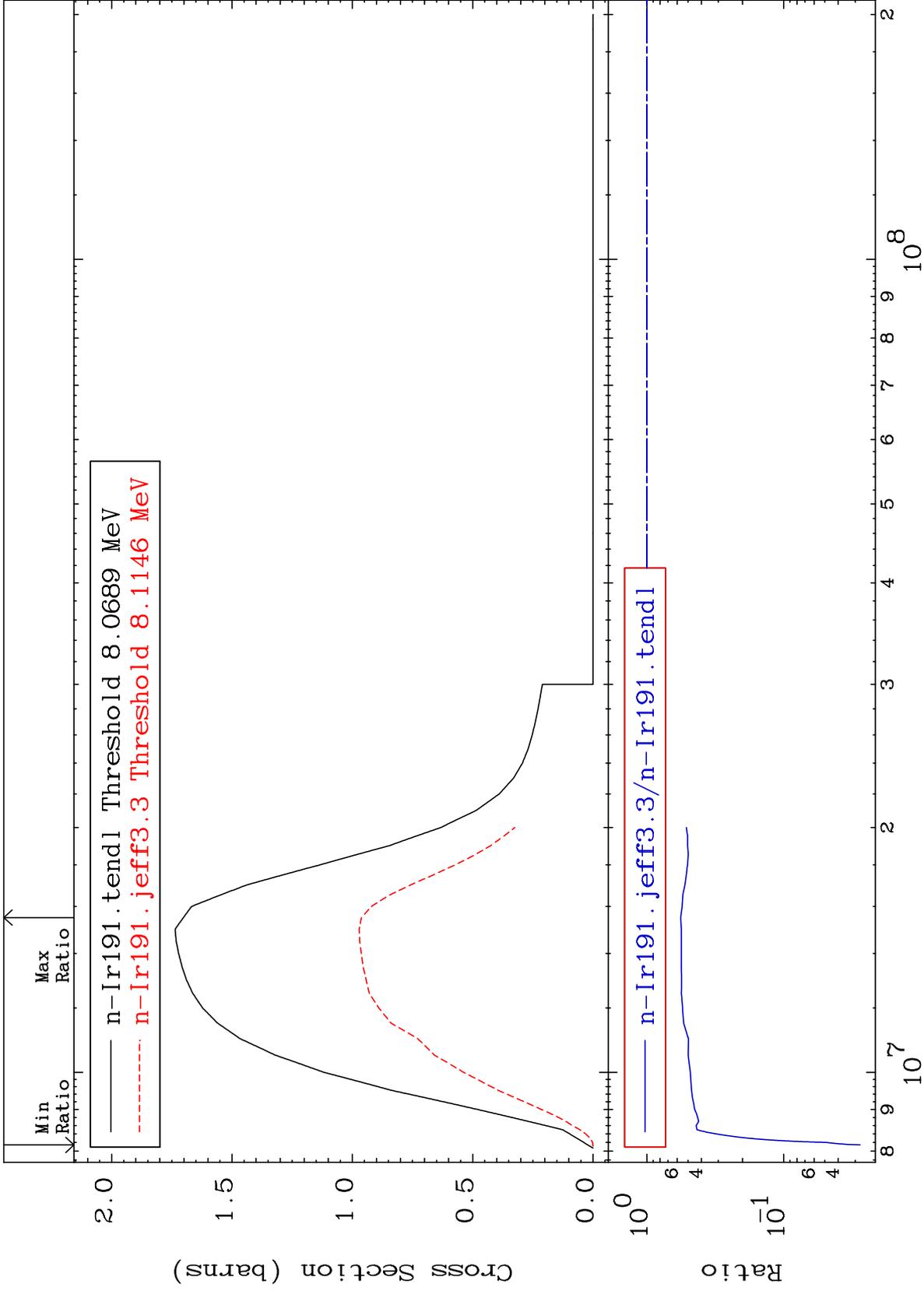
77-Ir-191
-2.973 To 343.6 %



45

77-Ir-191



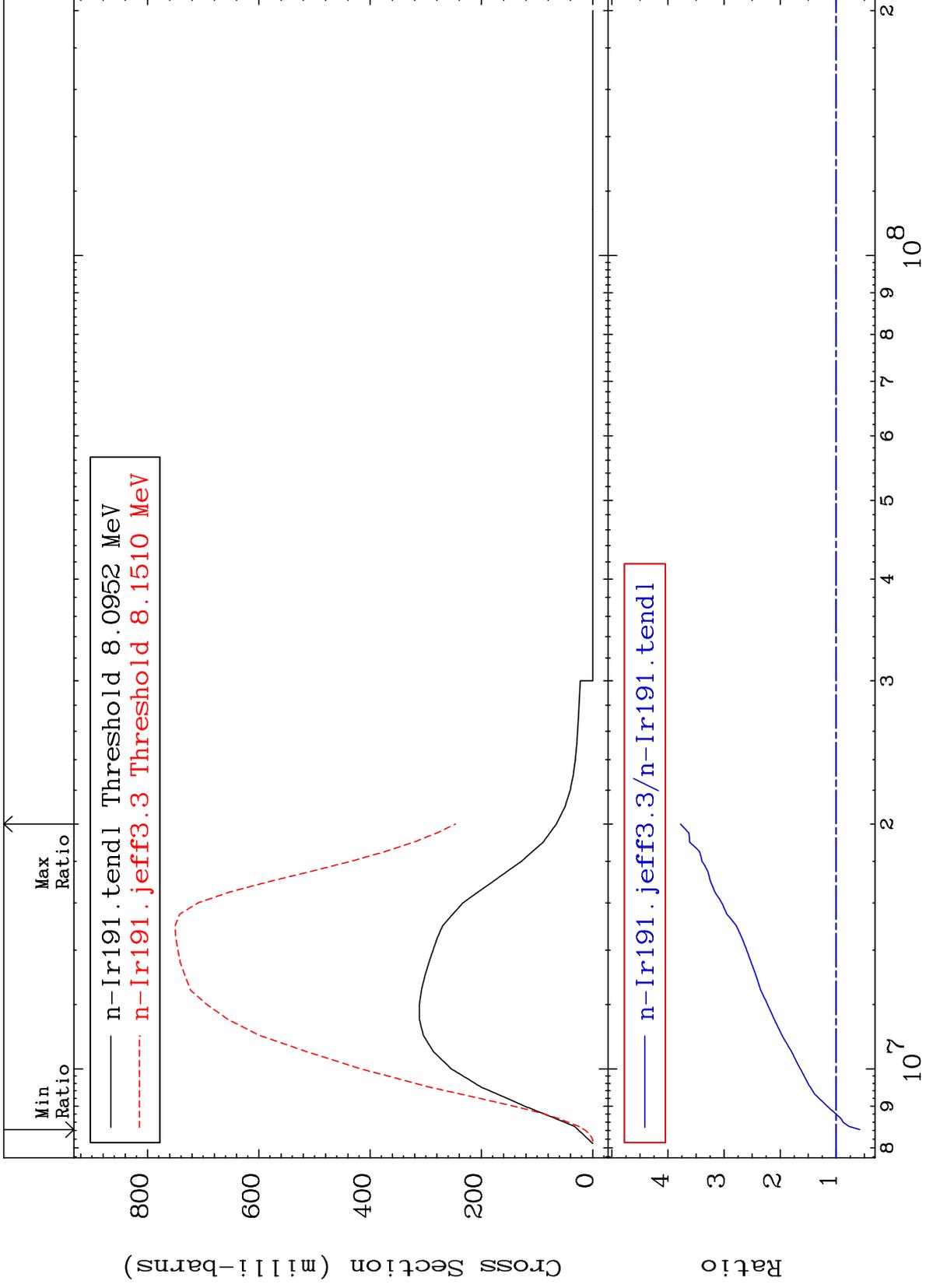


MAT 7725

(n,2n):77-Ir-190m2

77-Ir-191

Radionuclide Production Cross Section -41.93 To 277.6 %



48

77-Ir-191

77-Ir-191