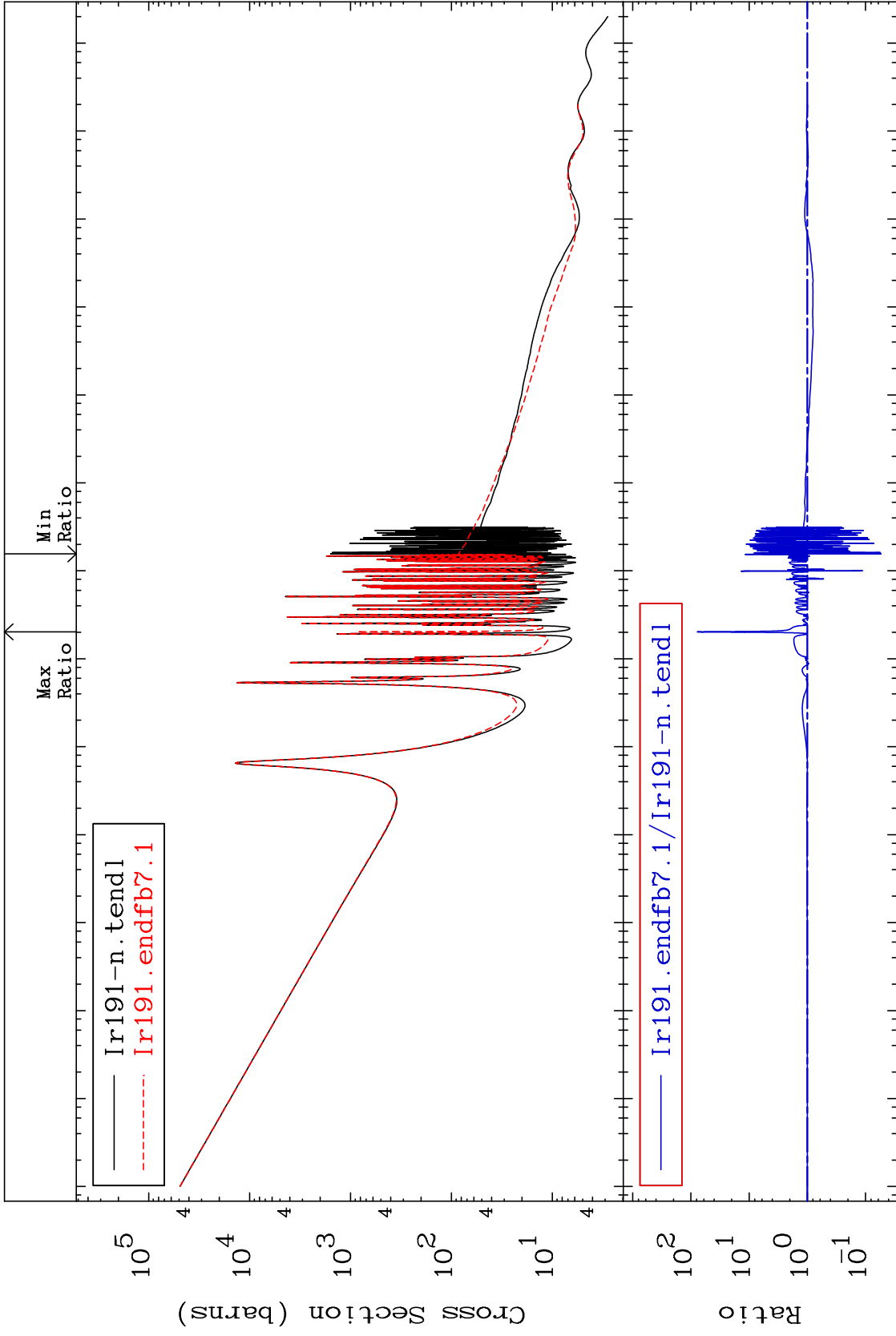


MAT 7725

Total
Cross Section

77-Ir-191
-94.60 To 7609. %



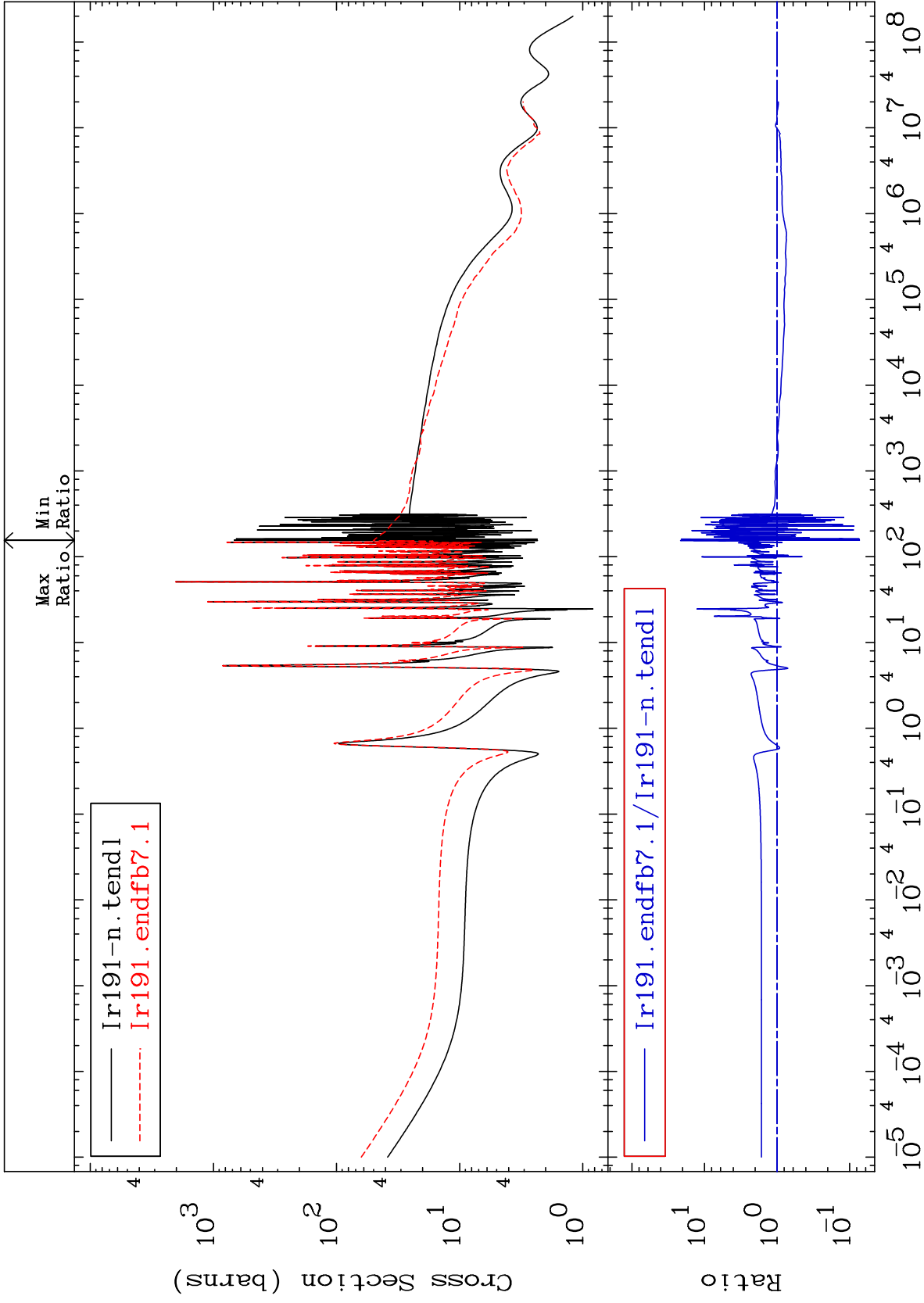
Incident Energy (eV)

77-Ir-191

MAT 7725

Elastic Cross Section

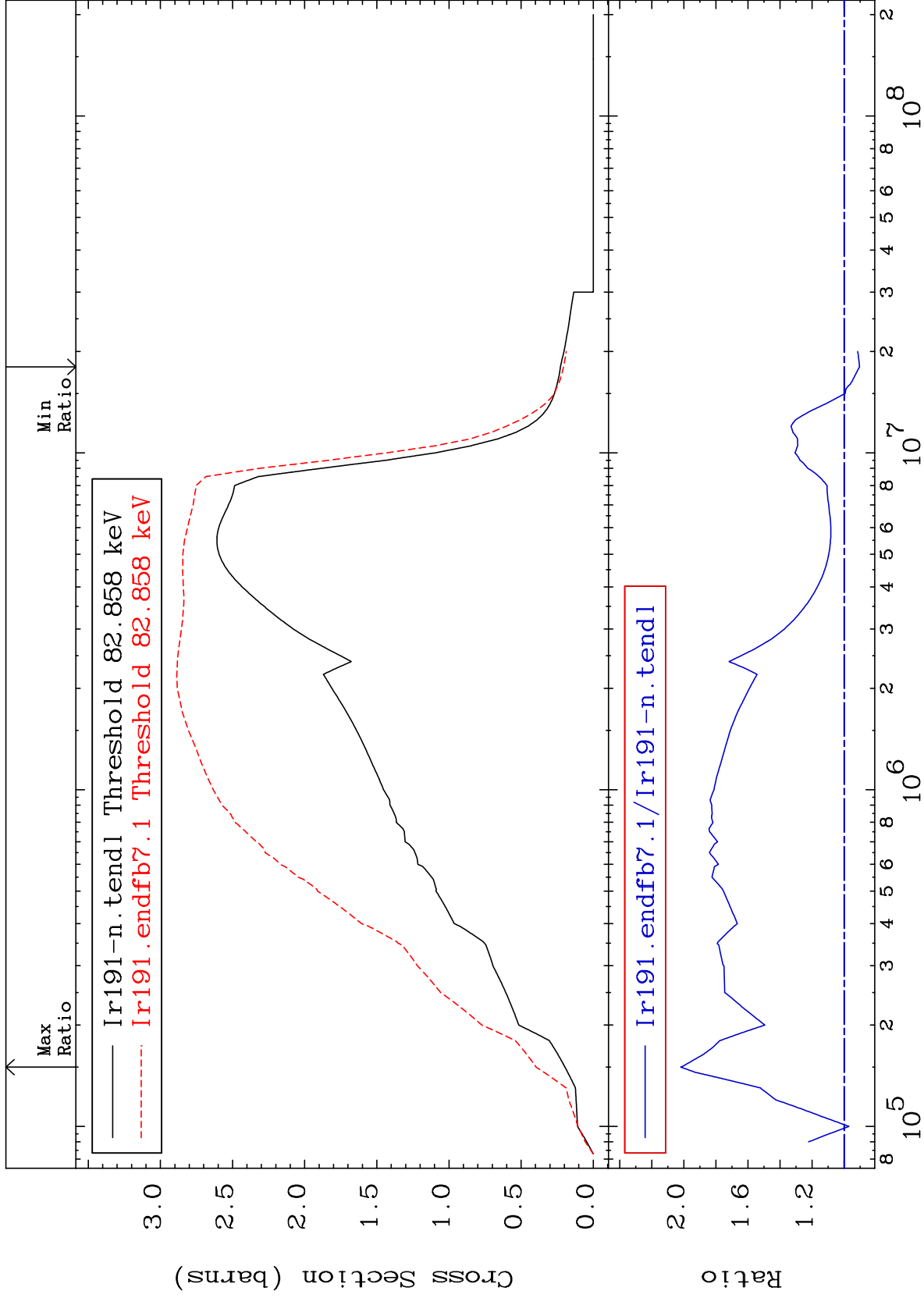
77-Ir-191
-92.68 To 2048. %



2

Incident Energy (eV)

77-Ir-191



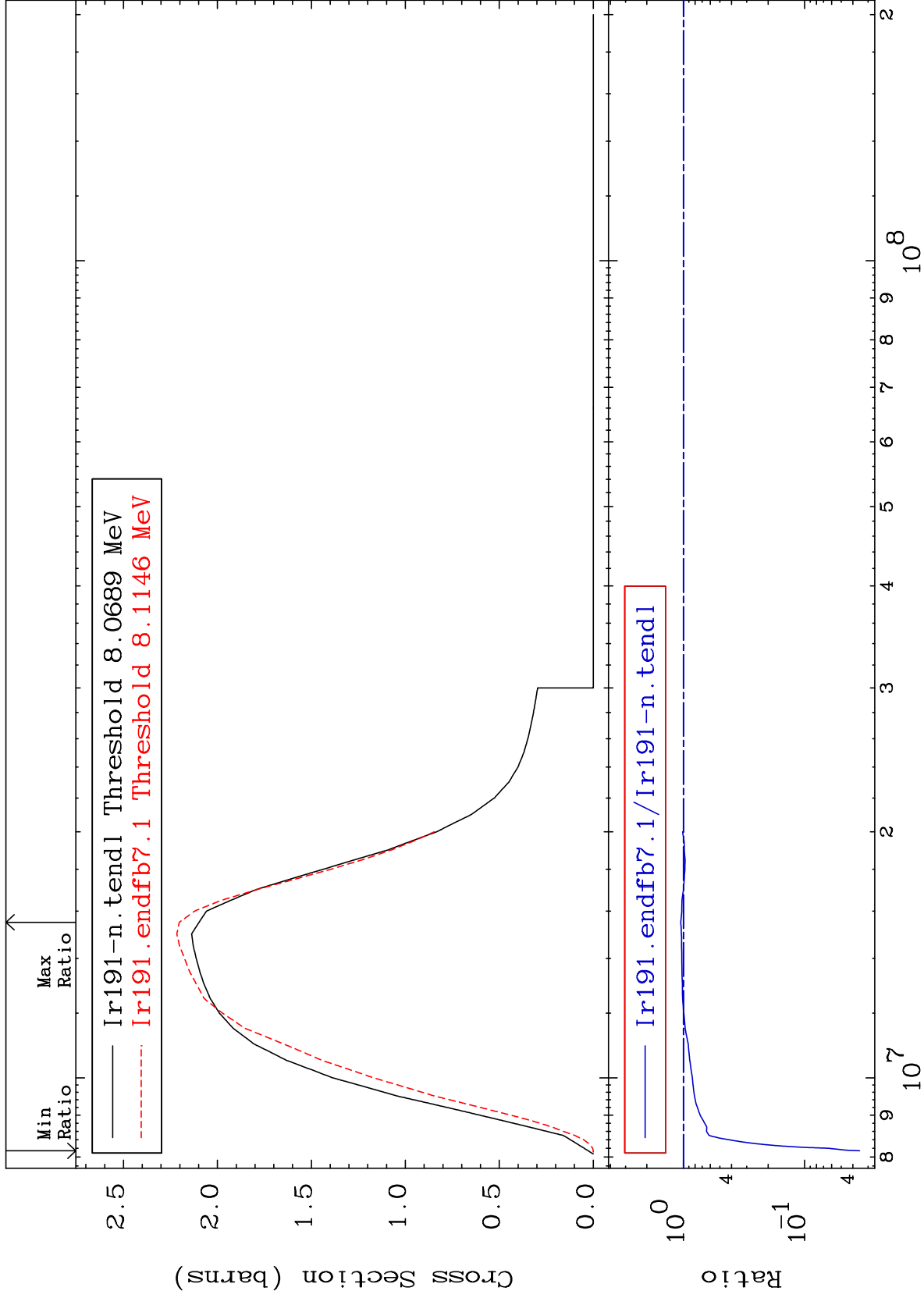
MAT 7725

(n,2n)

77-Ir-191

Cross Section

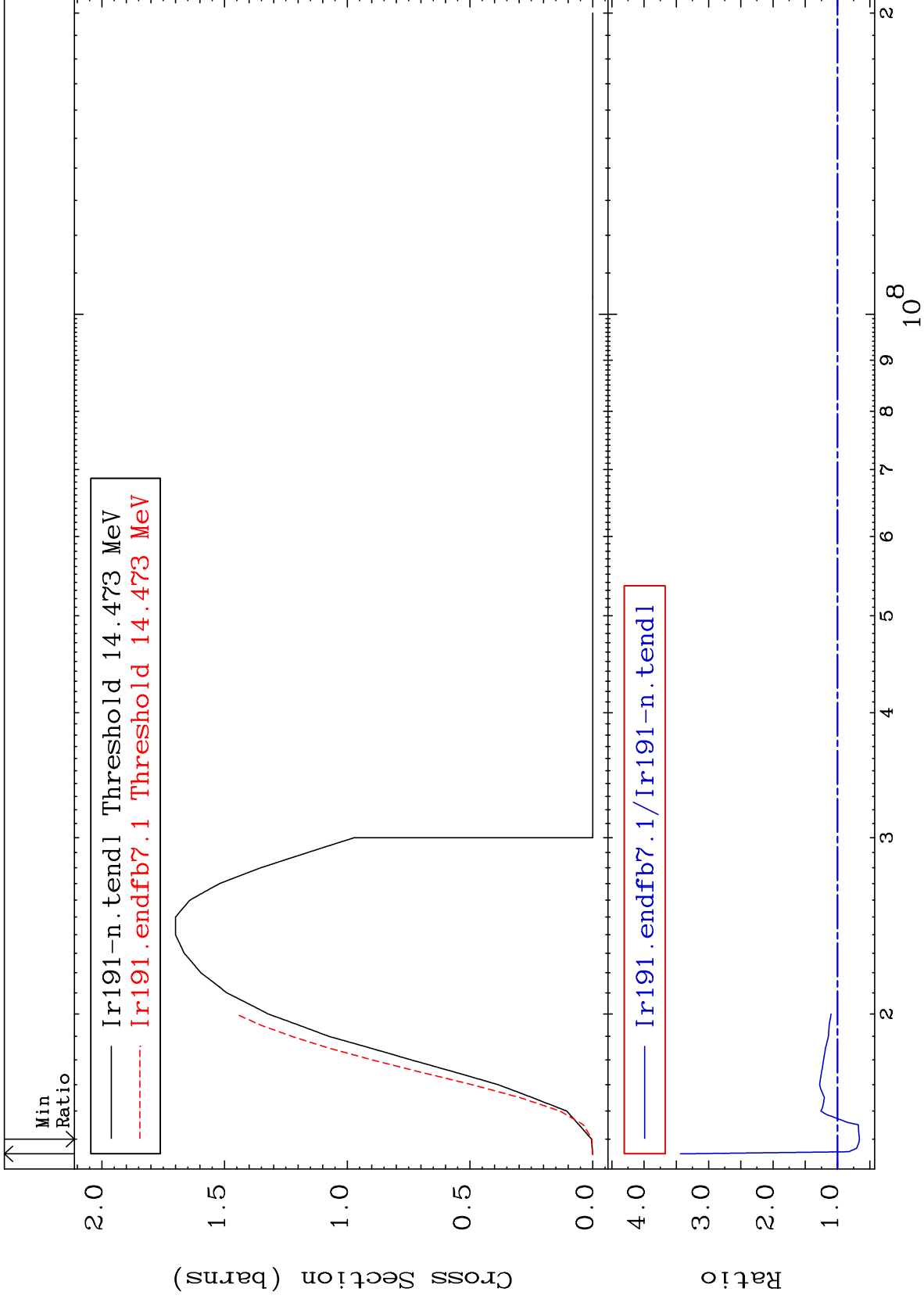
-96.47 To 5.004 %



4

Incident Energy (eV)

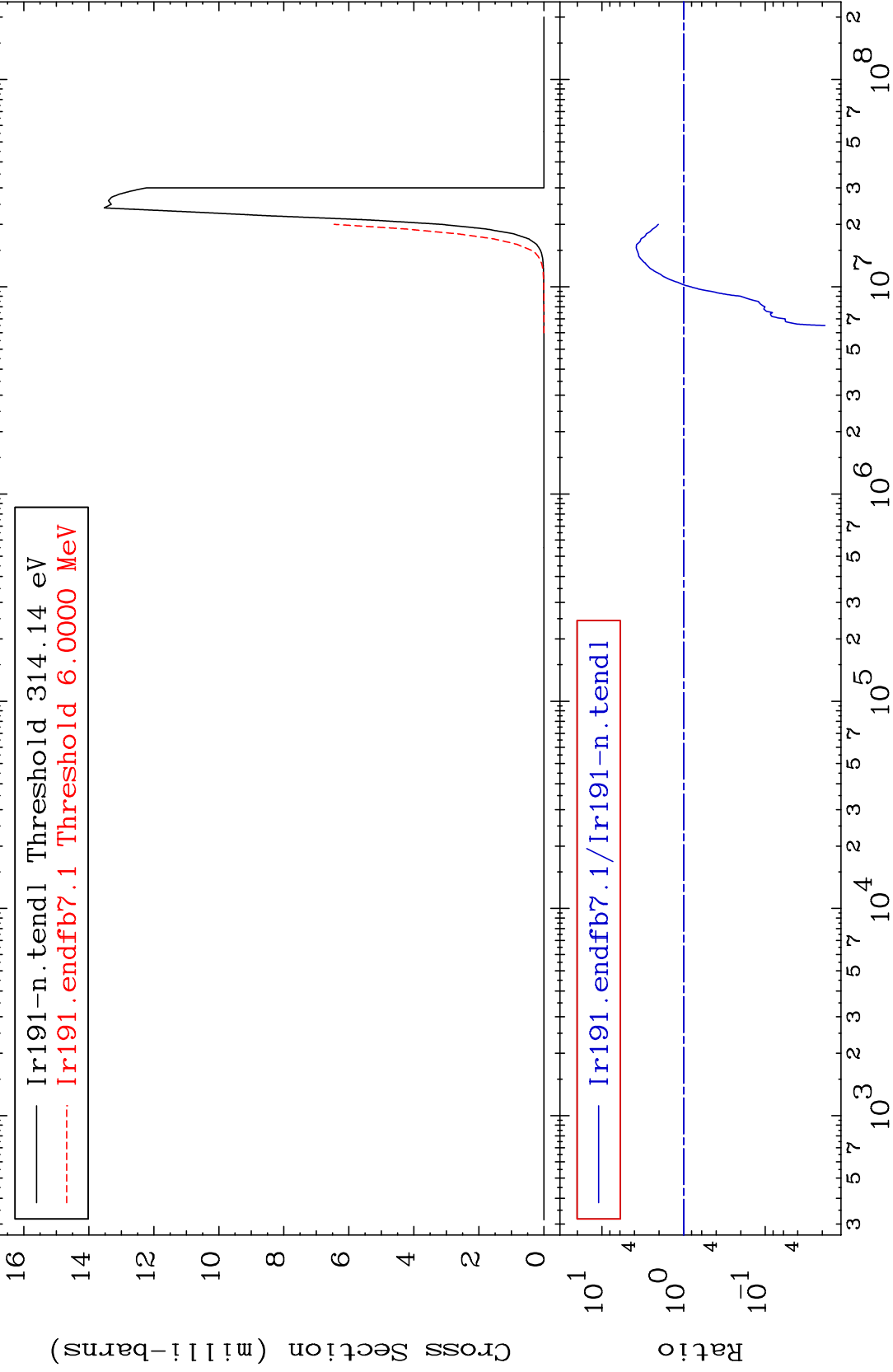
77-Ir-191



MAT 7725

(n, n') α
Cross Section

⁷⁷Ir-¹⁹¹Ir
-98.14 To 279.9 %



Incident Energy (eV)

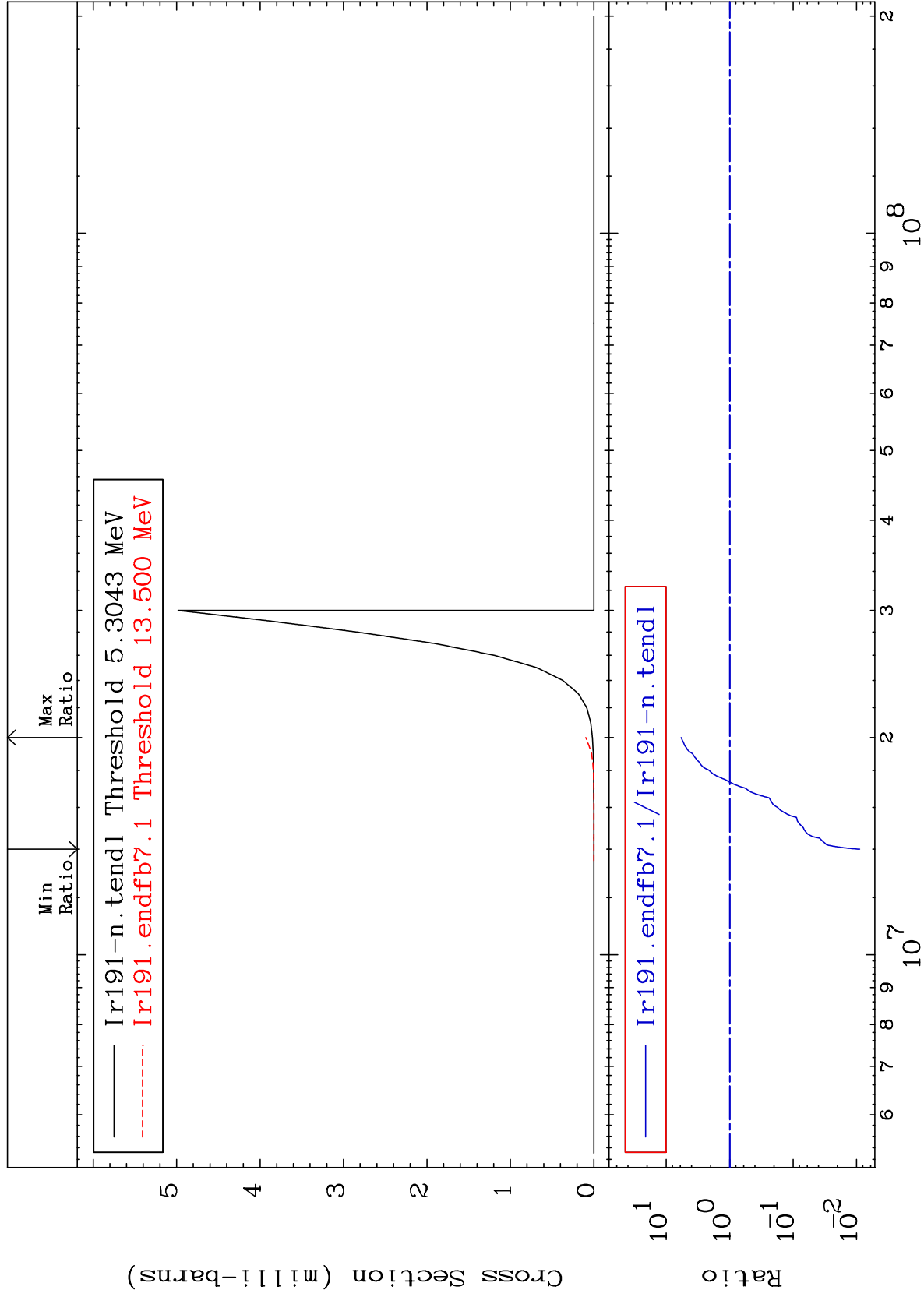
⁷⁷Ir-¹⁹¹Ir

MAT 7725

(n,2n) α
Cross Section

77-Ir-191

-99.10 To 480.5 %



7

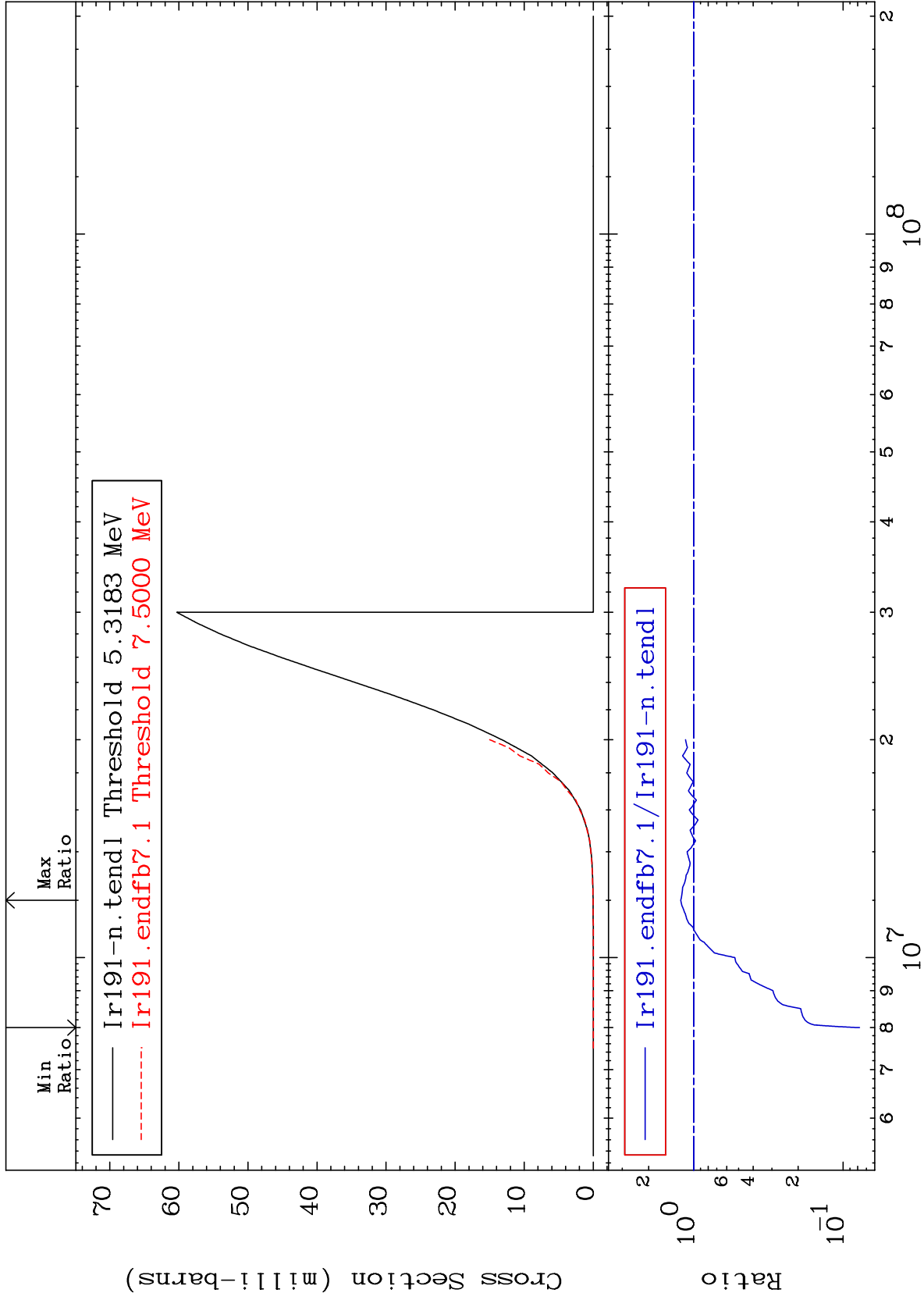
Incident Energy (eV)

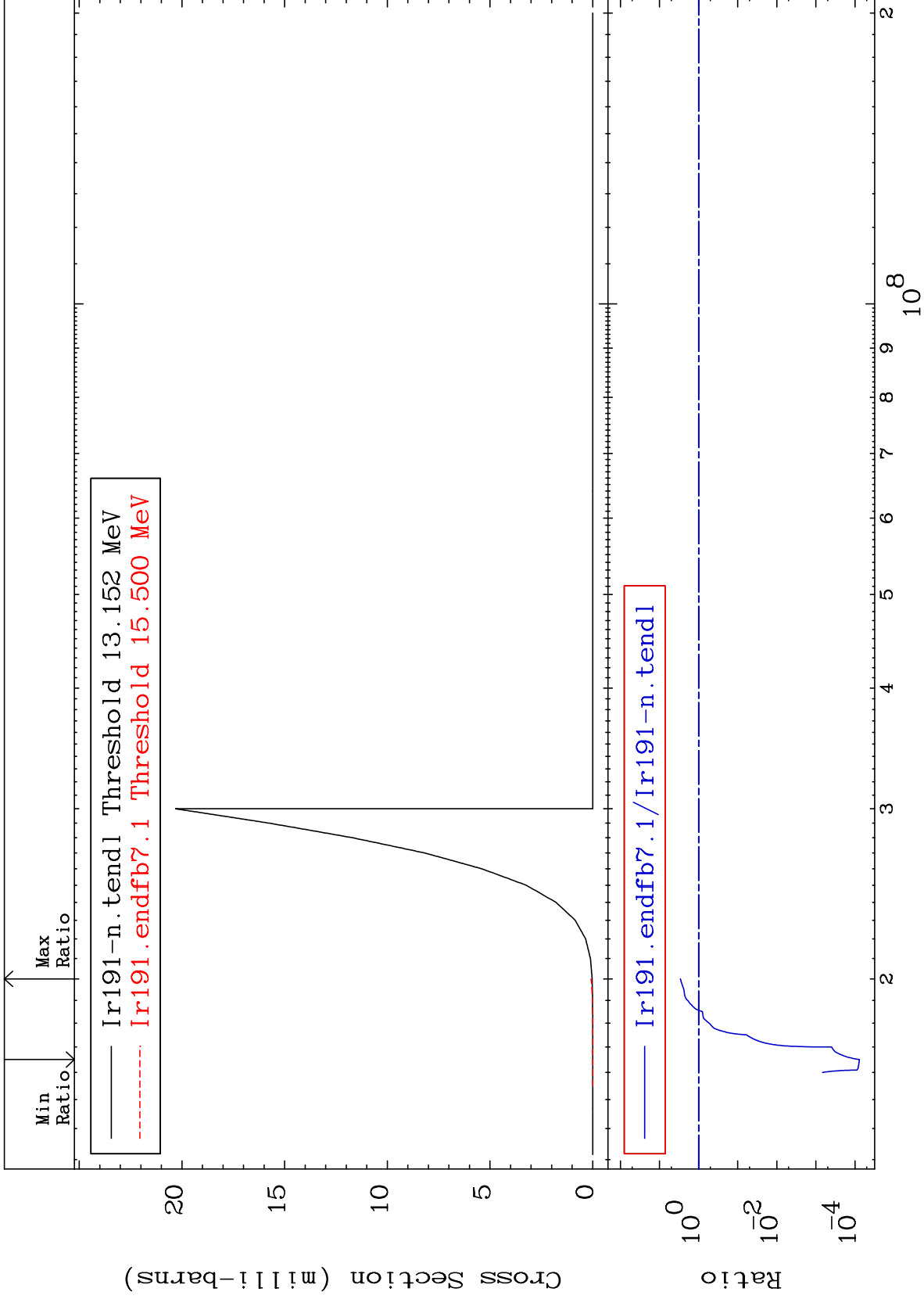
77-Ir-191

MAT 7725

(n, n') p
Cross Section

⁷⁷Ir-¹⁹¹Ir
-92.23 To 21.87 %

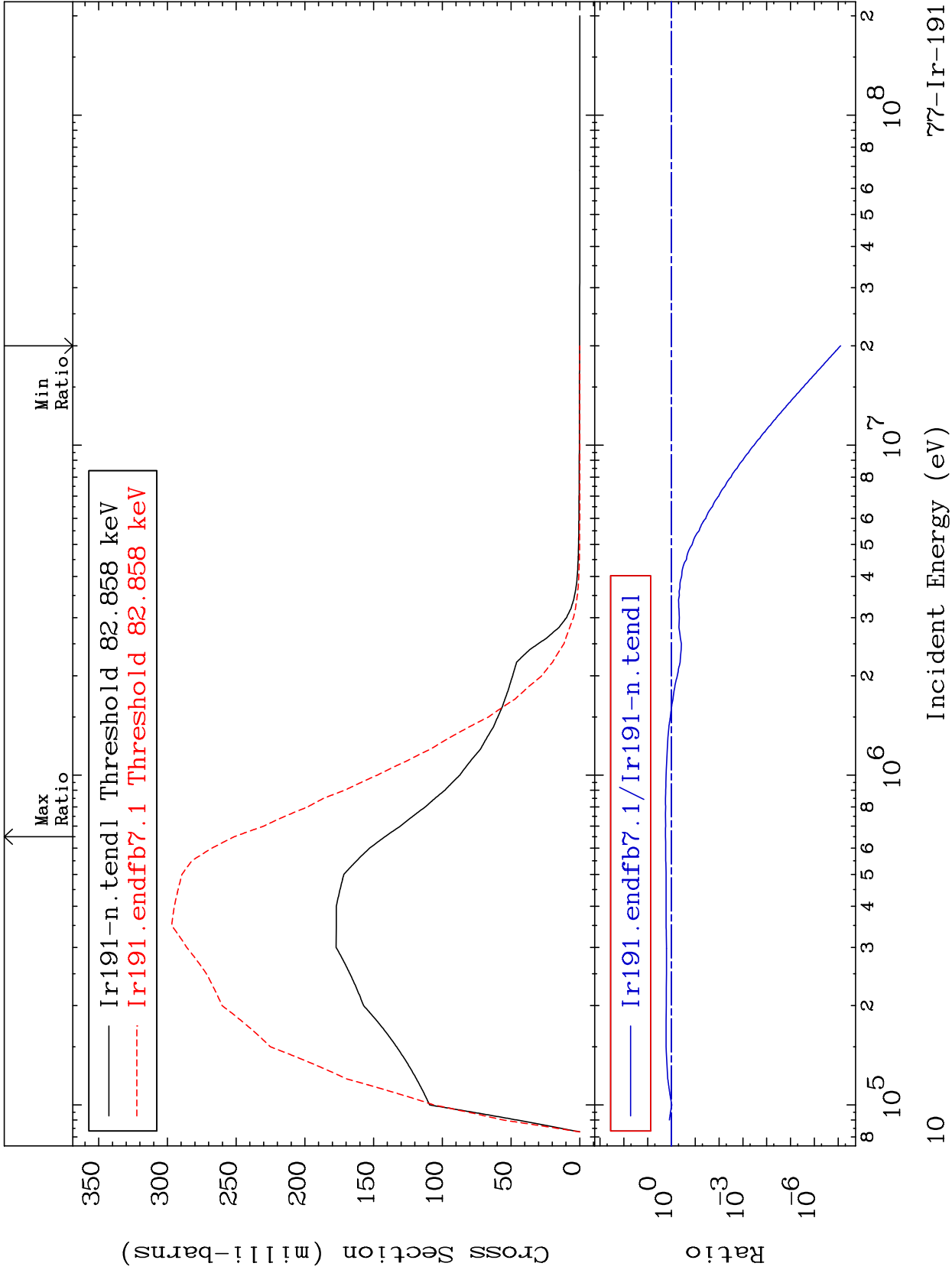




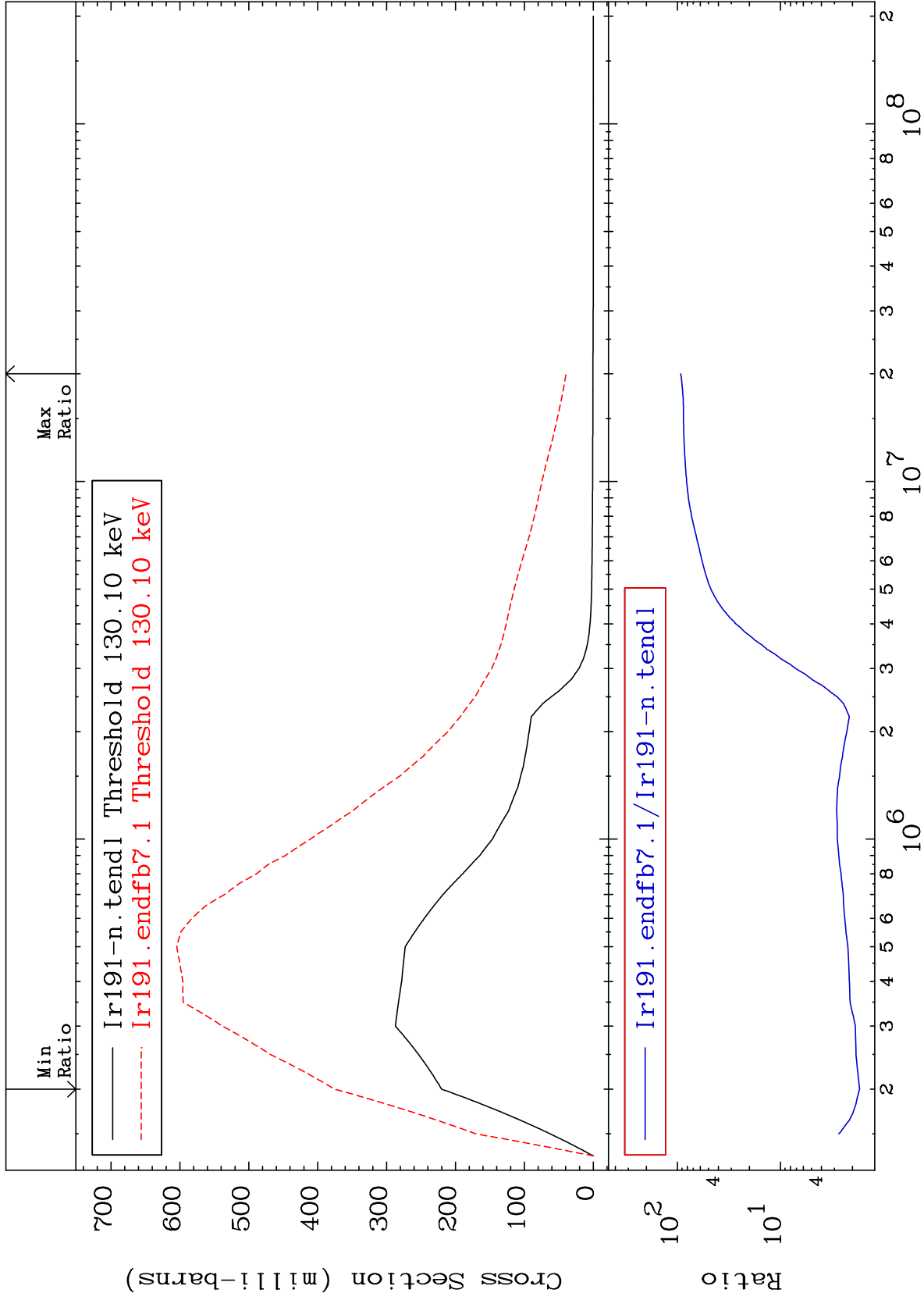
MAT 7725

82.42 keV (n,n') Level
Cross Section

⁷⁷Ir-¹⁹¹Ir
-100.0 To 77.39 %



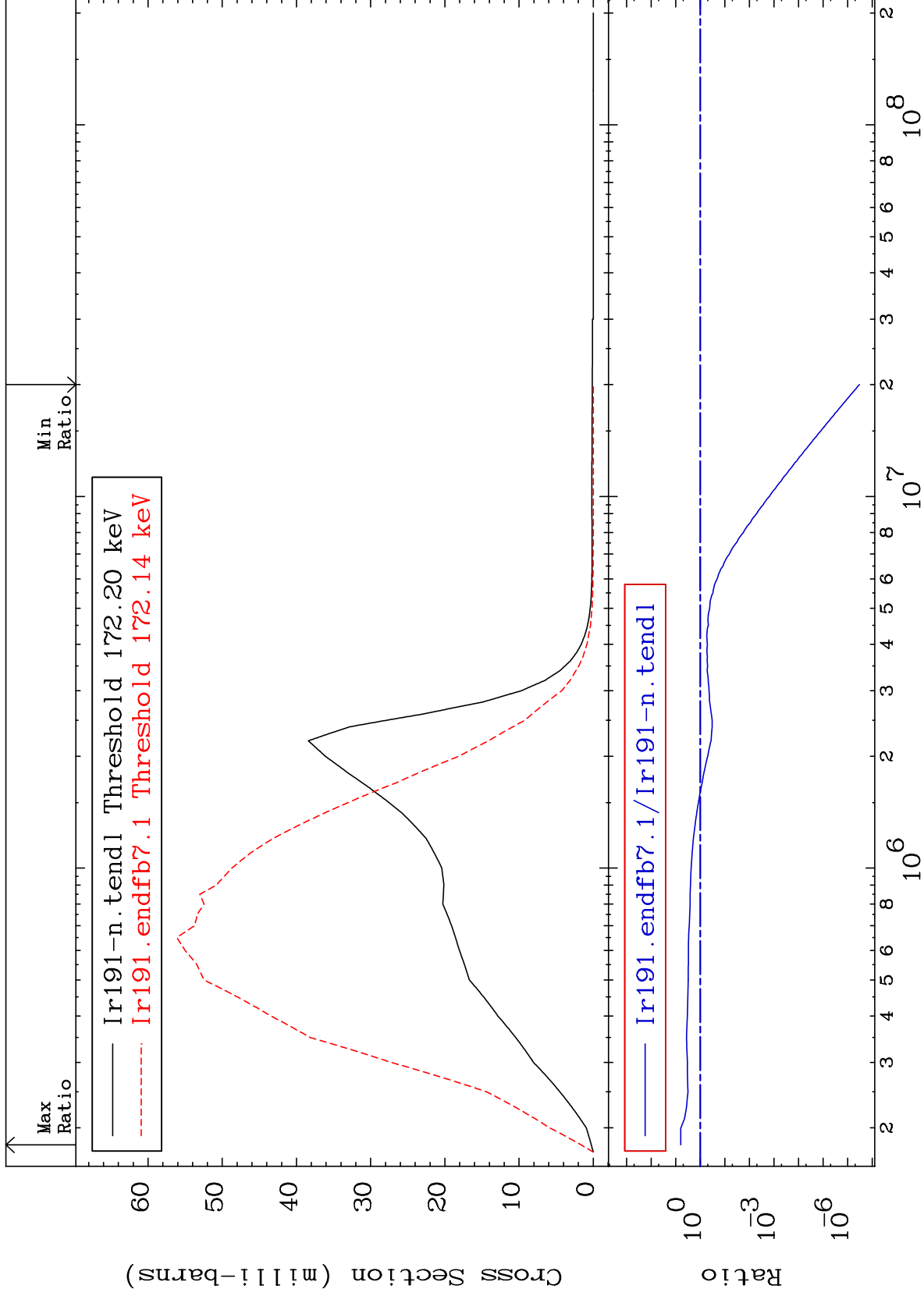
MAT 7725 129.4 keV (n,n') Level 77-Ir-191
 Cross Section 70.64 To 9162. %



MAT 7725

171.3 keV (n,n') Level
Cross Section

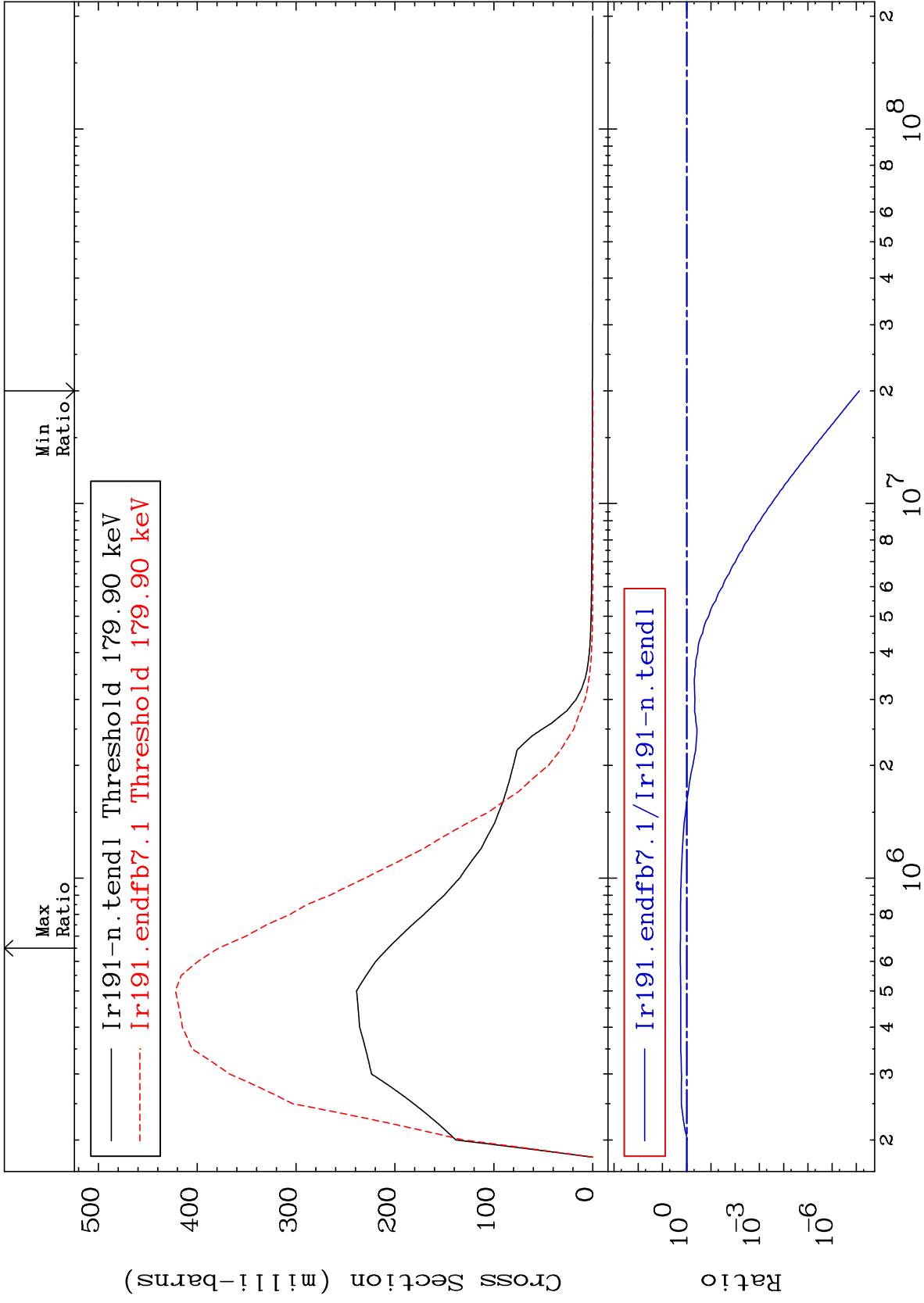
⁷⁷Ir-¹⁹¹Ir
-100.0 To 526.0 %



MAT 7725

179.0 keV (n,n') Level
Cross Section

⁷⁷Ir-¹⁹¹Ir
-100.0 To 82.84 %



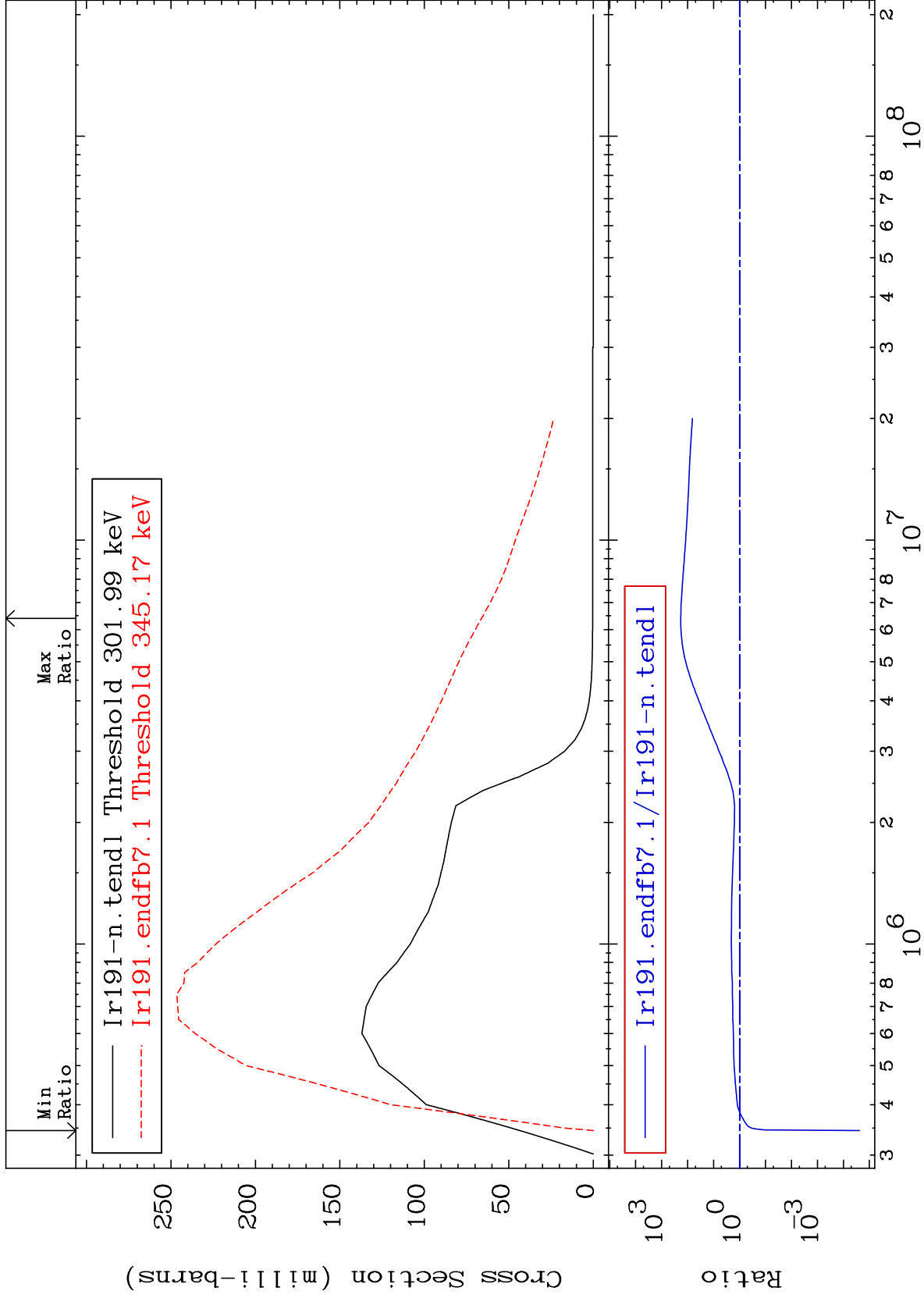
MAT 7725

300.4 keV (n,n') Level

⁷⁷Ir-¹⁹¹

-100.0 To 9999. %

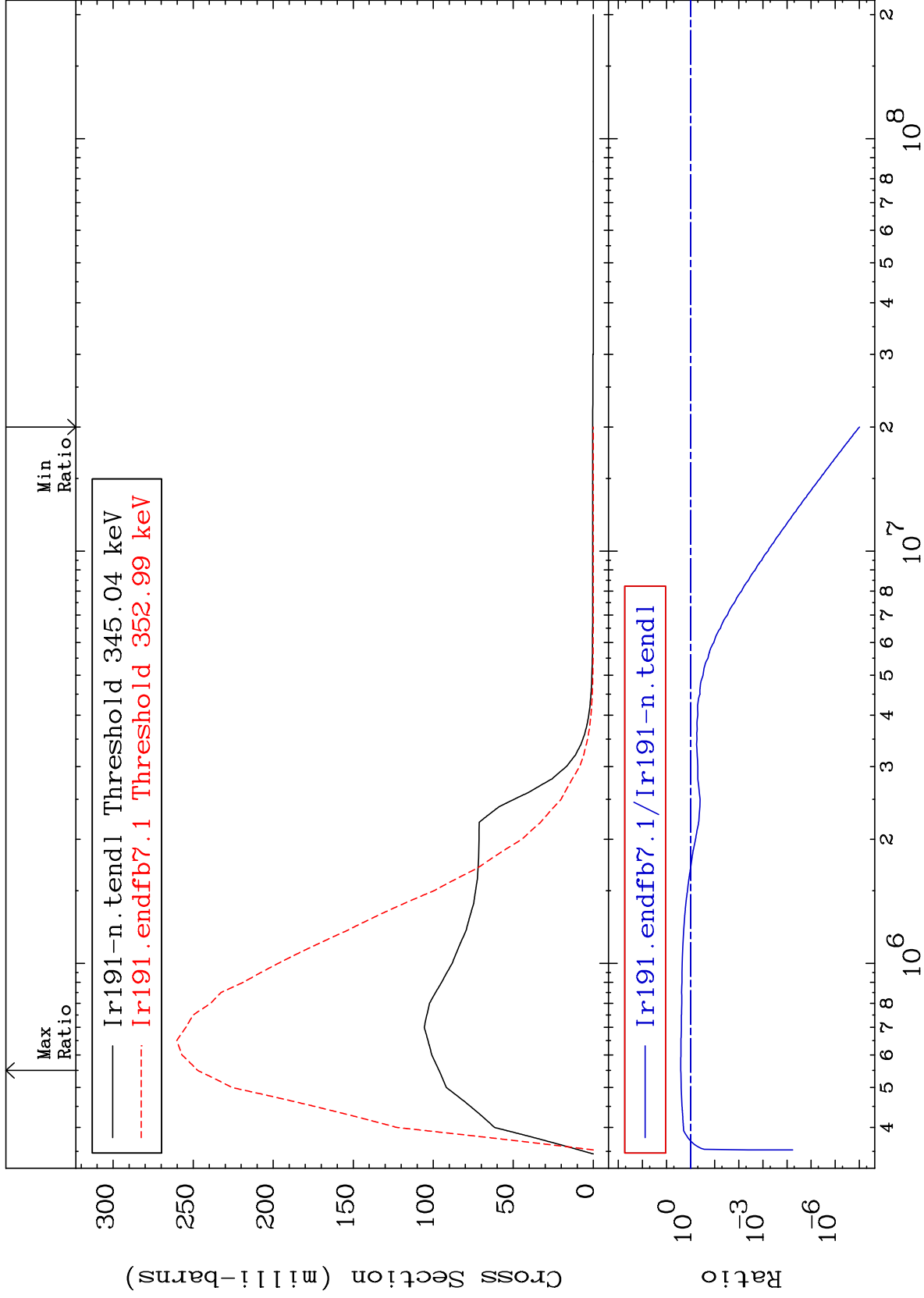
Cross Section



MAT 7725

343.2 keV (n,n') Level
Cross Section

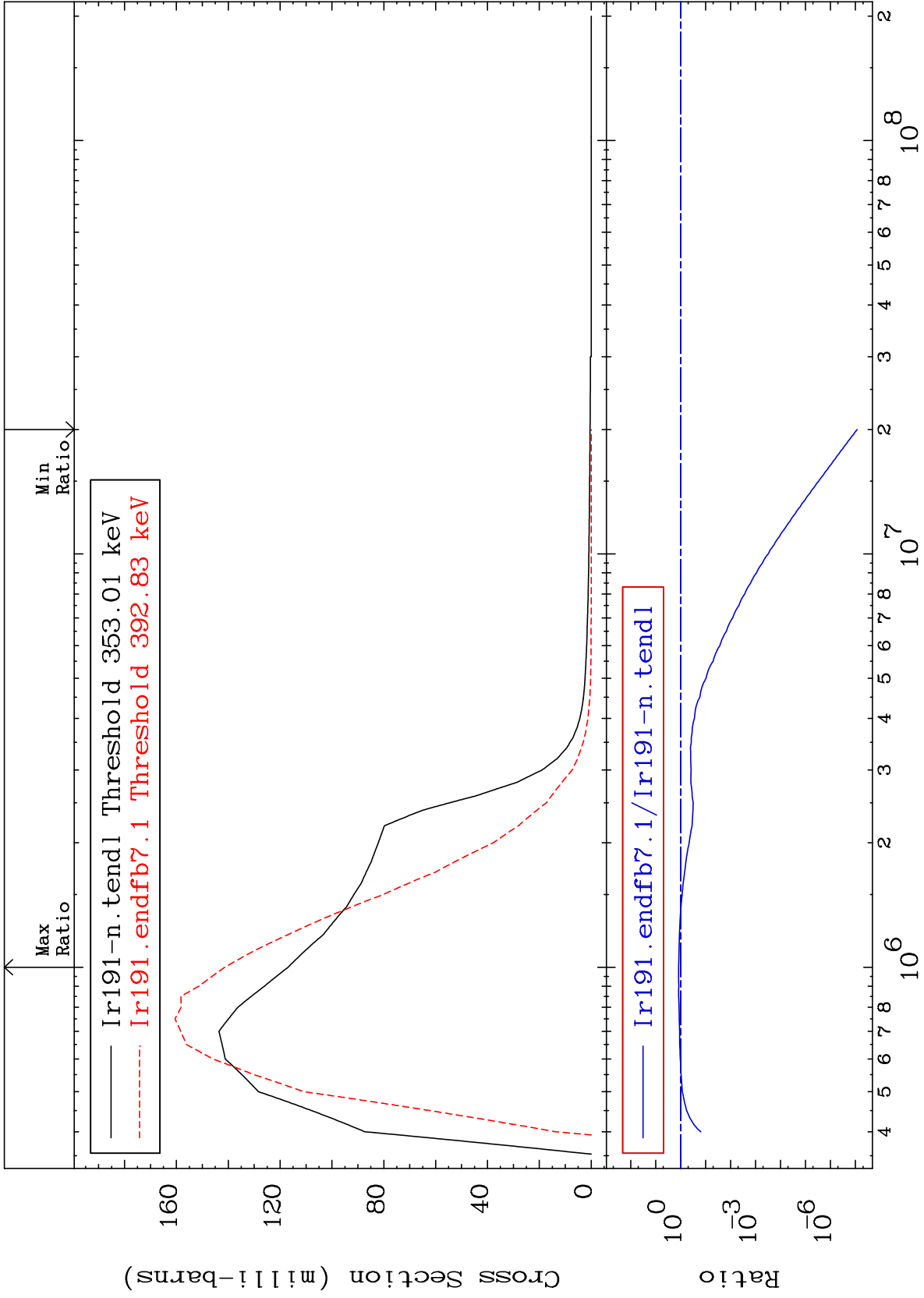
⁷⁷Ir-¹⁹¹Ir
-100.0 To 156.4 %



MAT 7725

351.2 keV (n,n') Level
Cross Section

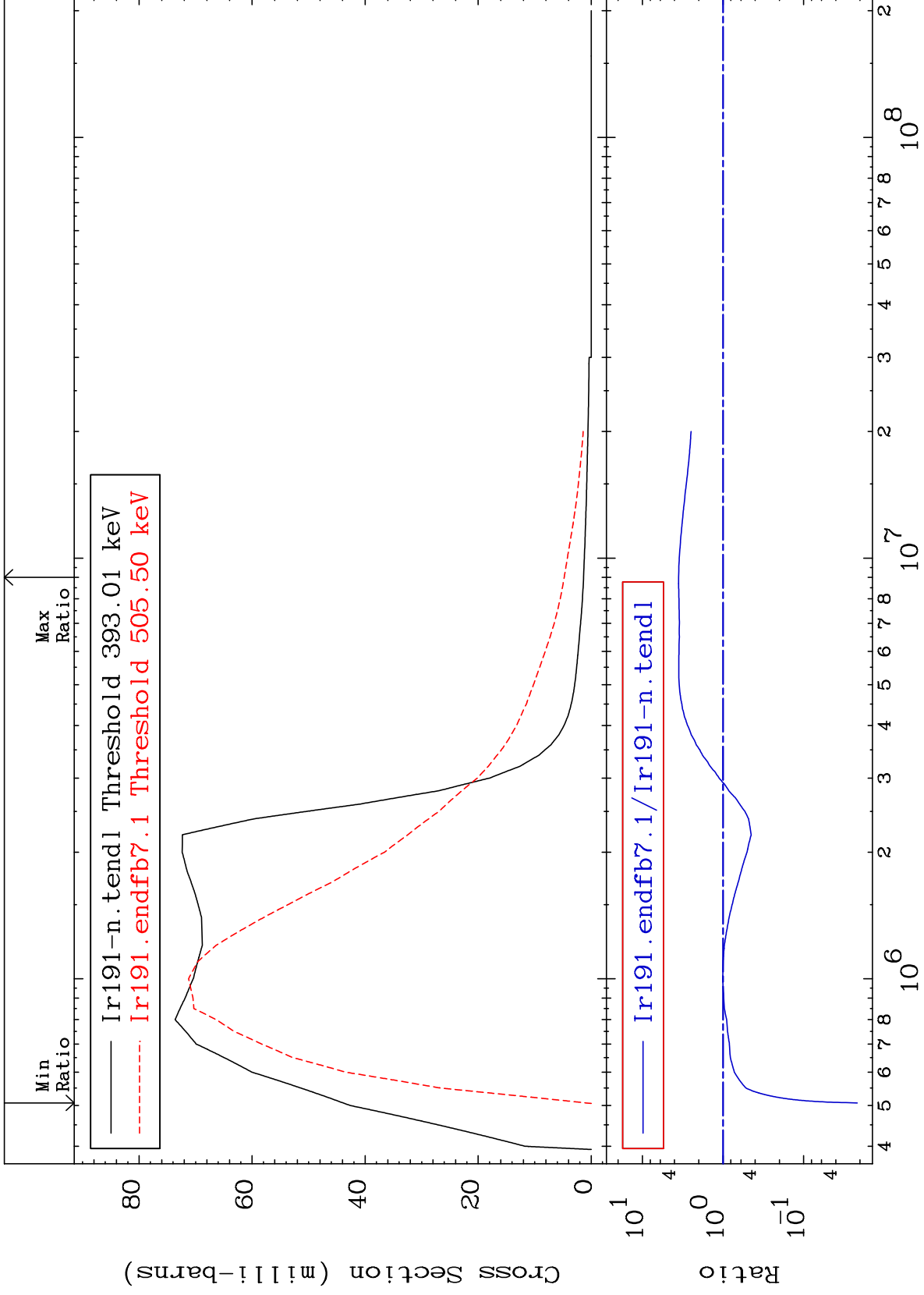
⁷⁷Ir-¹⁹¹Ir
-100.0 To 20.85 %



MAT 7725

390.9 keV (n,n') Level
Cross Section

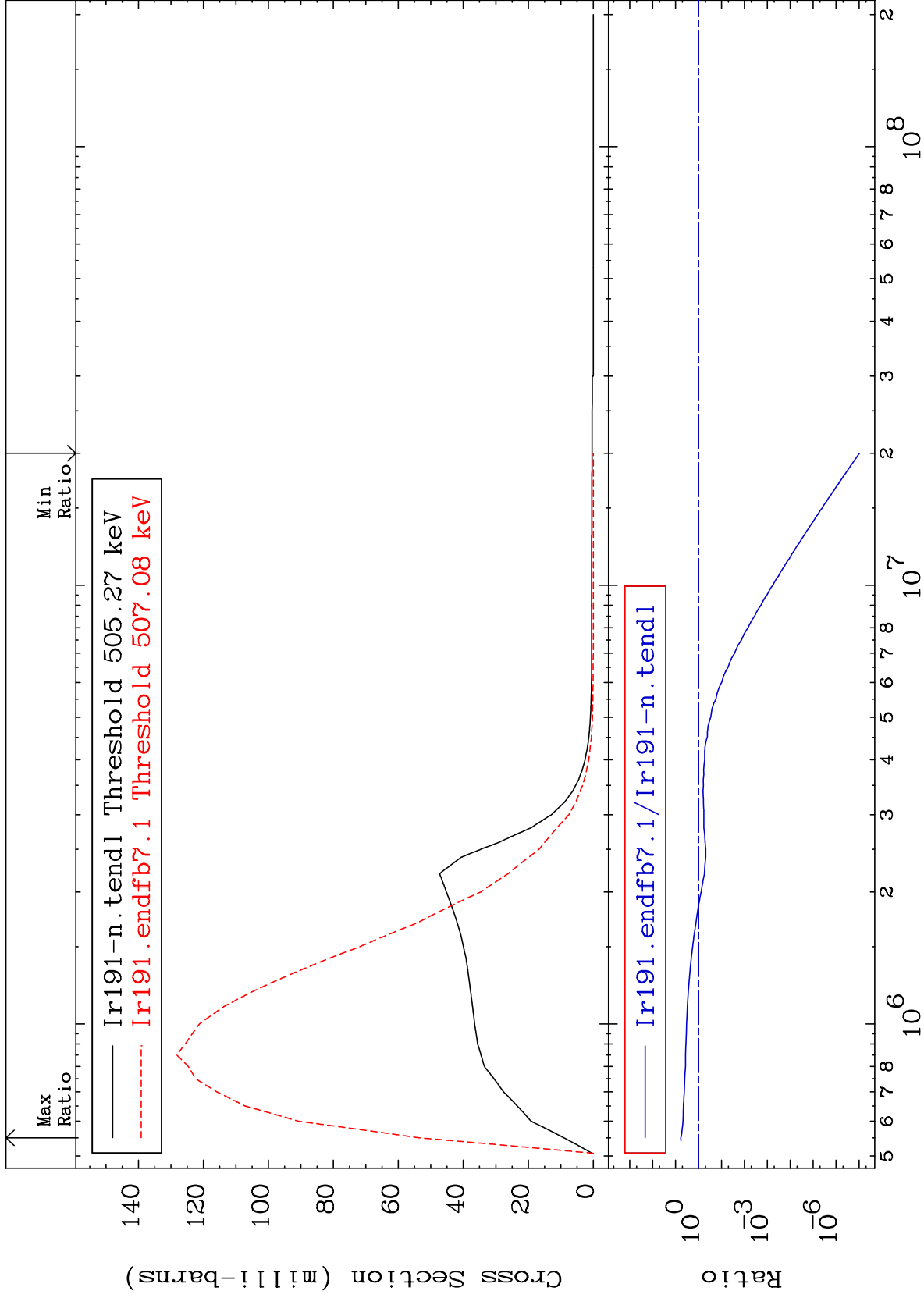
⁷⁷Ir-¹⁹¹Ir
-97.84 To 255.6 %



MAT 7725

502.6 keV (n,n') Level
Cross Section

⁷⁷Ir-¹⁹¹Ir
-100.0 To 493.6 %



18

Incident Energy (eV)

⁷⁷Ir-¹⁹¹Ir

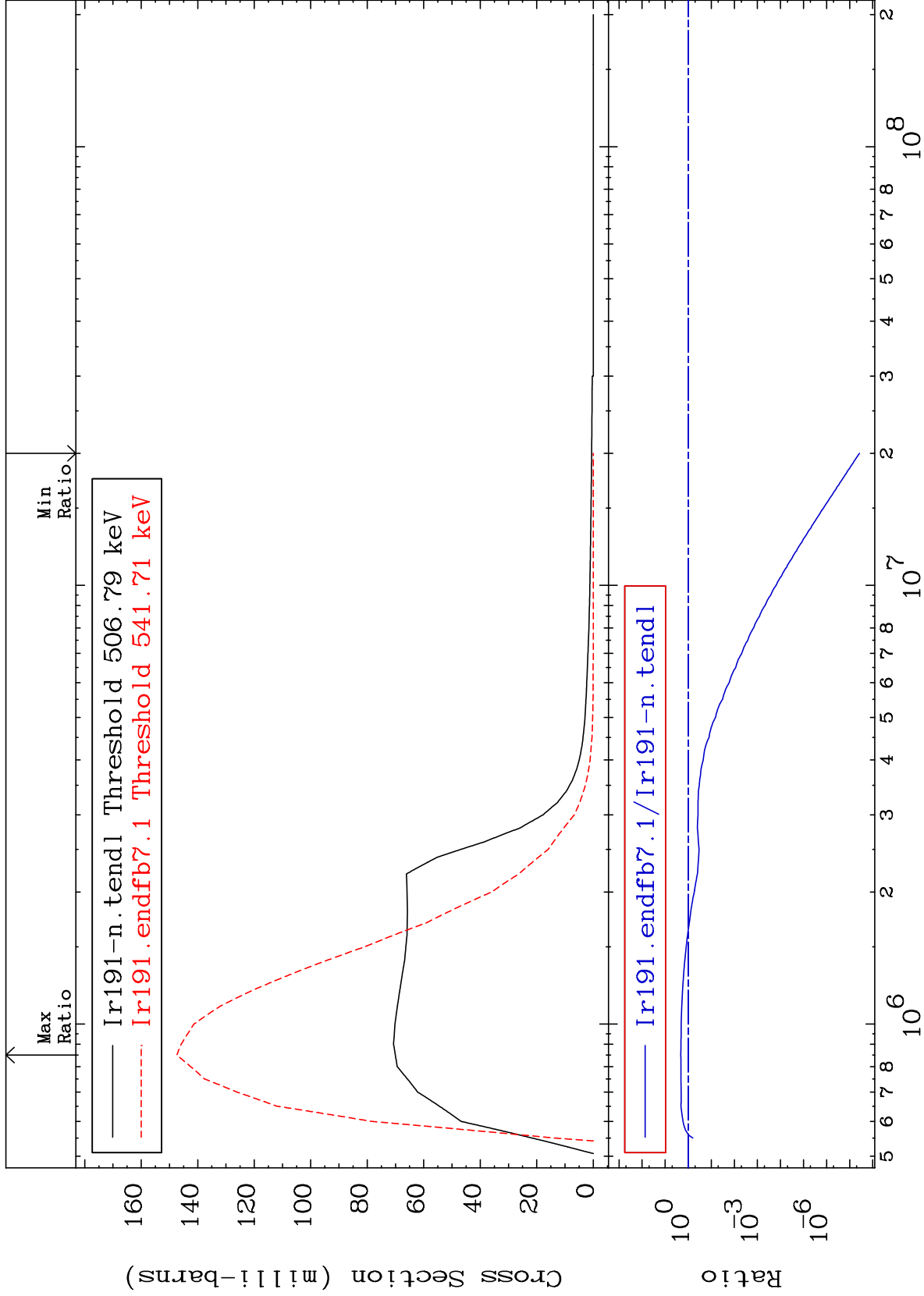
MAT 7725

504.1 keV (n,n') Level

⁷⁷Ir-¹⁹¹Ir

-100.0 To 110.5 %

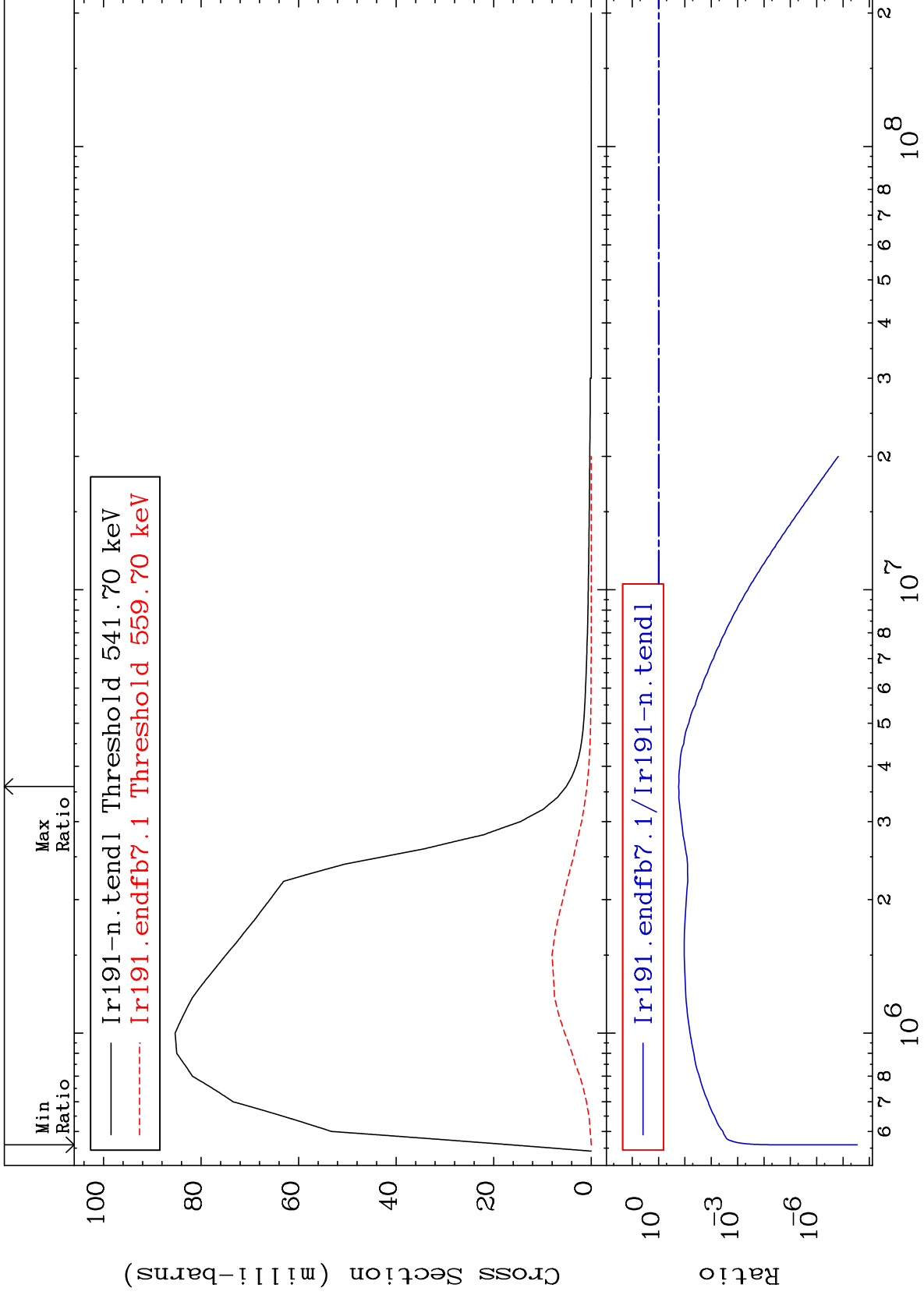
Cross Section



MAT 7725

538.9 keV (n,n') Level
Cross Section

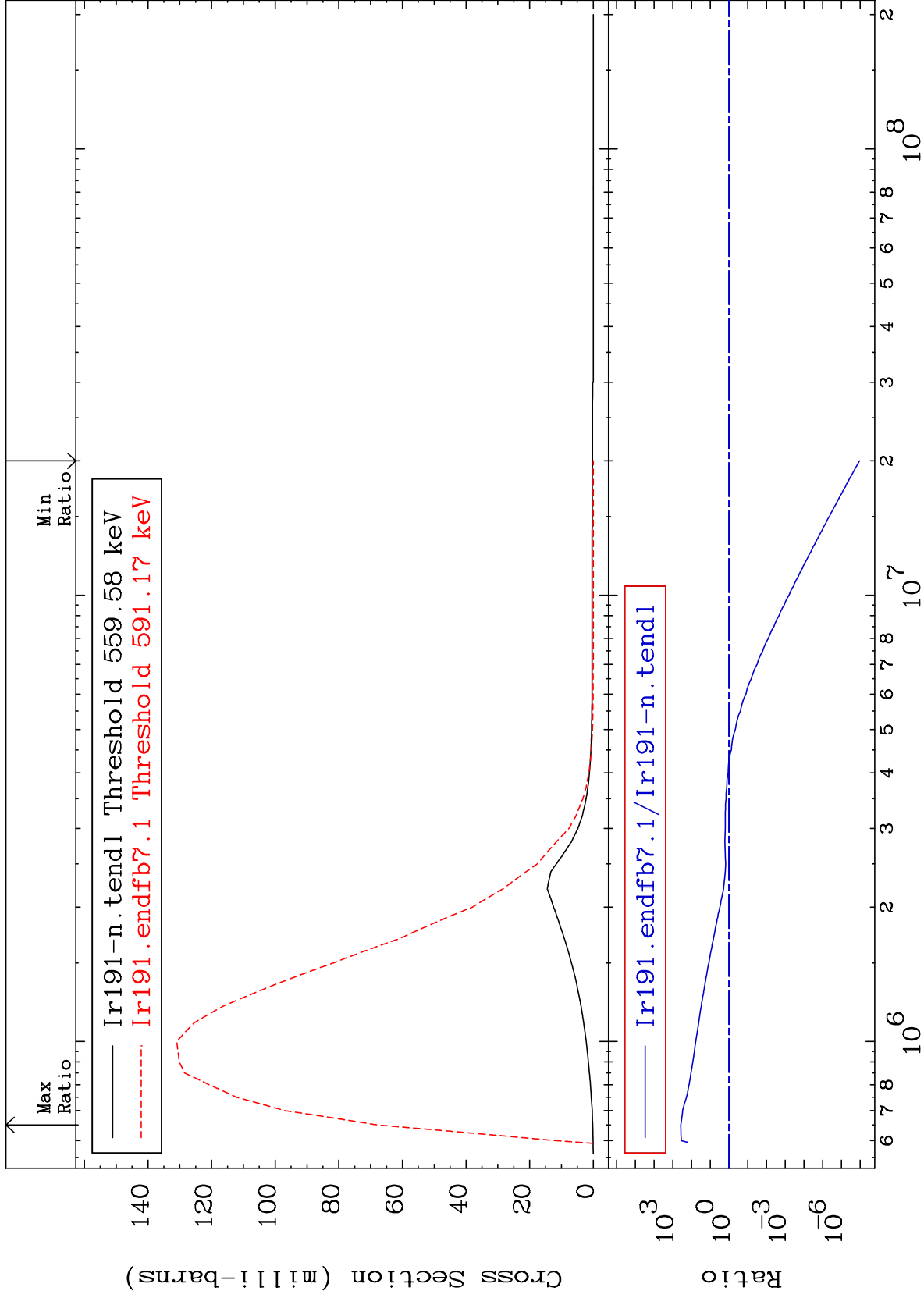
⁷⁷Ir-¹⁹¹Ir
-100.0 To -82.72%



MAT 7725

556.6 keV (n,n') Level
Cross Section

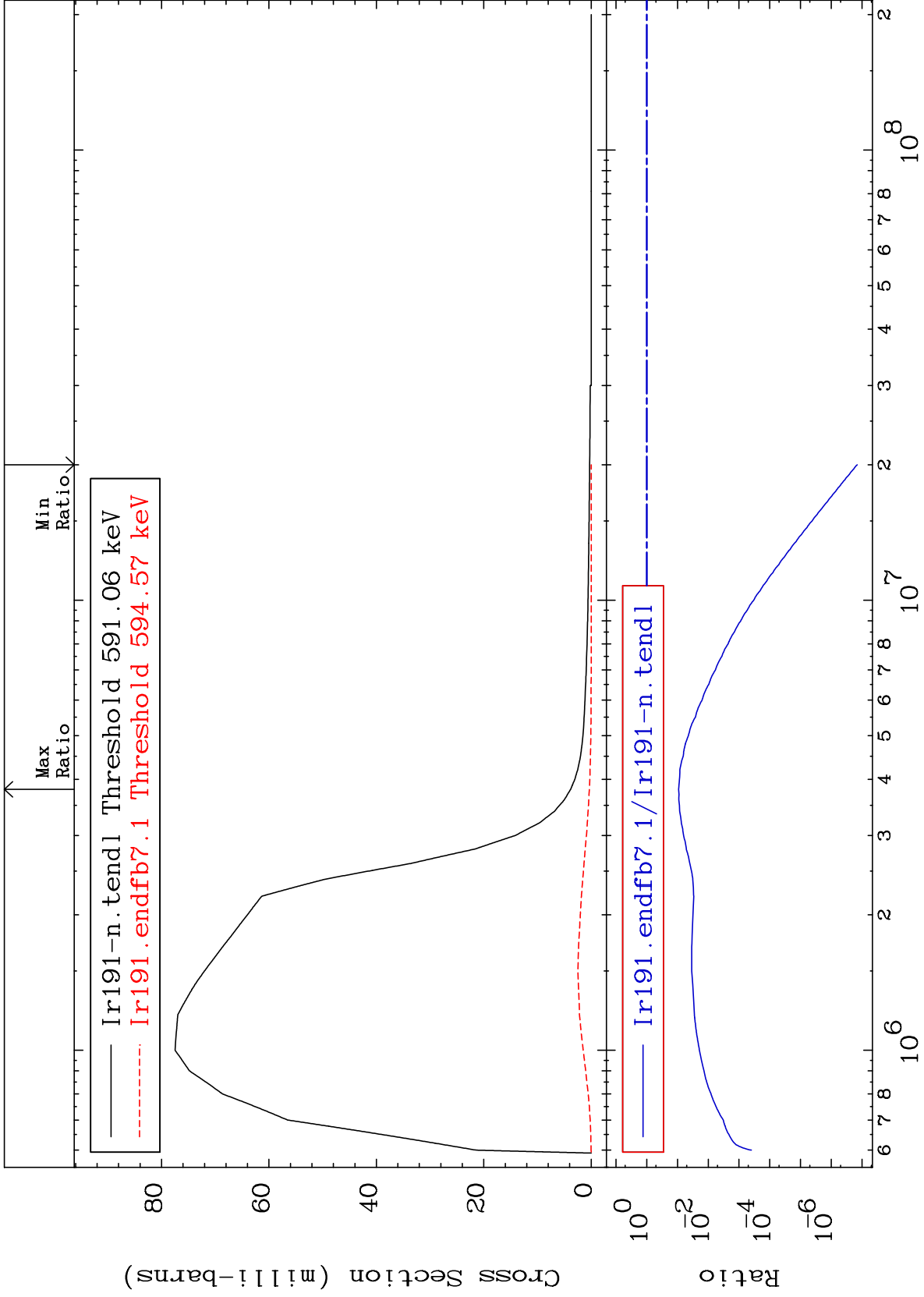
⁷⁷Ir-¹⁹¹Ir
-100.0 To 9999. %



MAT 7725

587.9 keV (n,n') Level
Cross Section

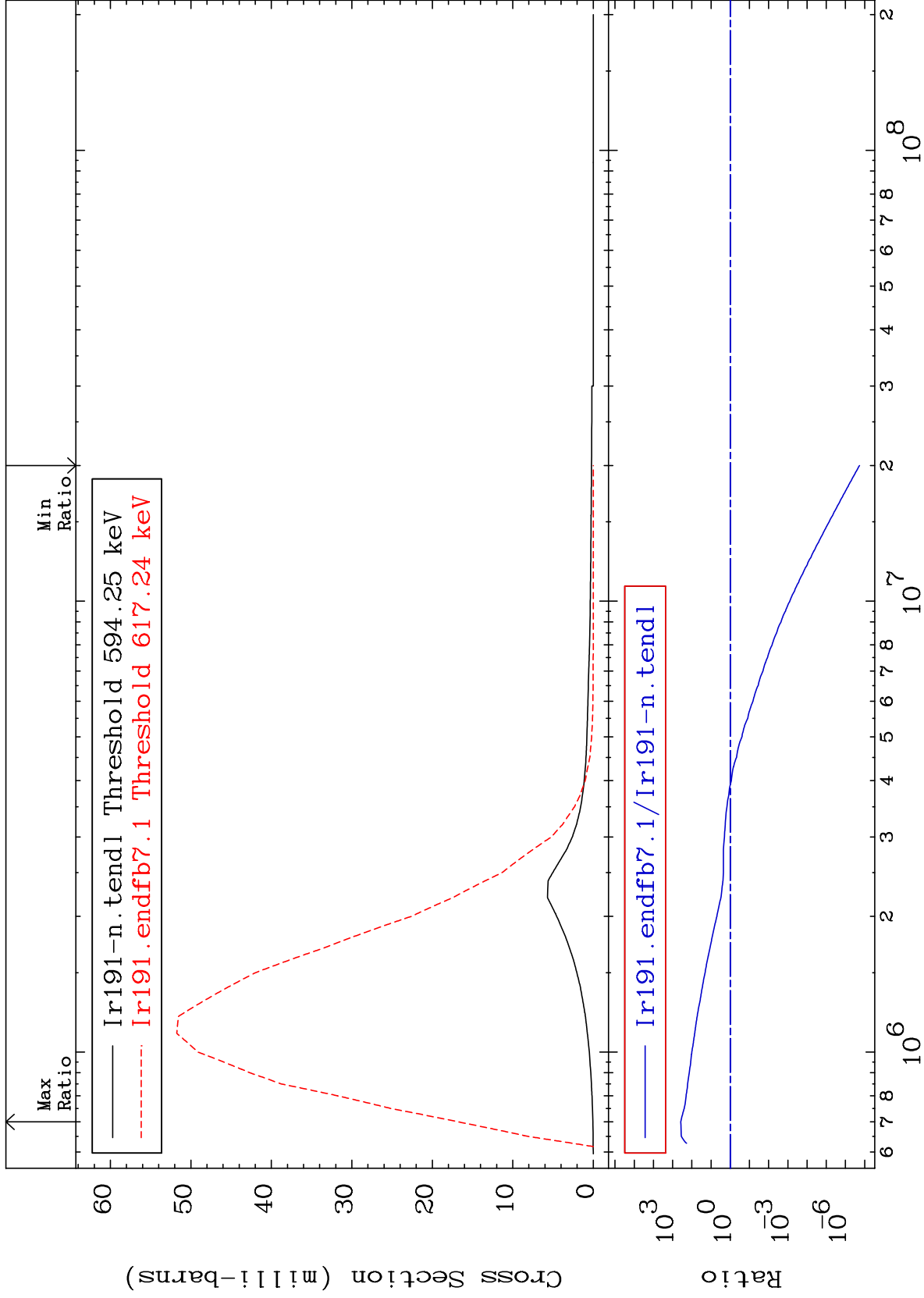
⁷⁷Ir-¹⁹¹Ir
-100.0 To -90.84%



MAT 7725

591.1 keV (n,n') Level
Cross Section

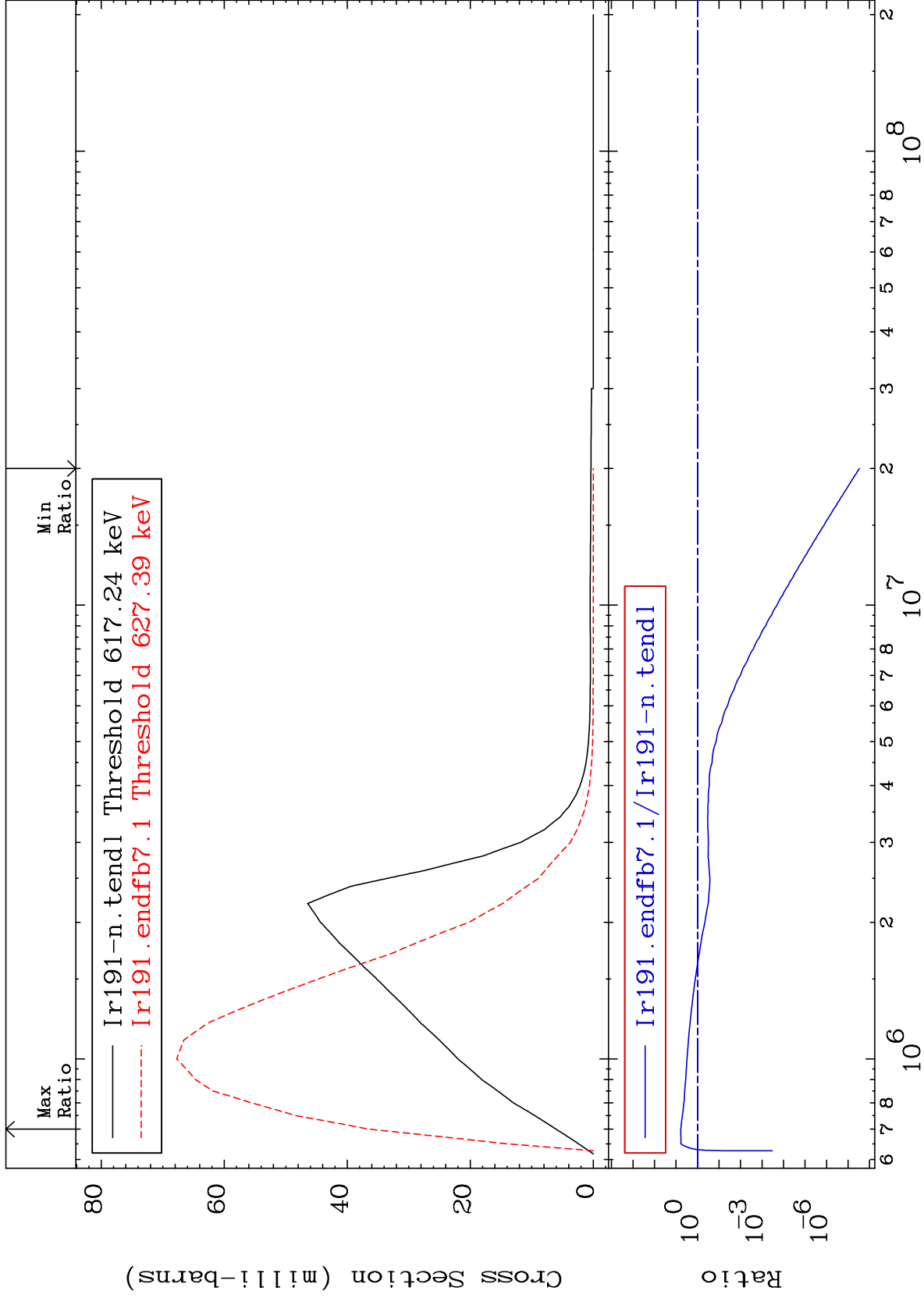
⁷⁷Ir-¹⁹¹Ir
-100.0 To 9999. %



MAT 7725

614.0 keV (n,n') Level
Cross Section

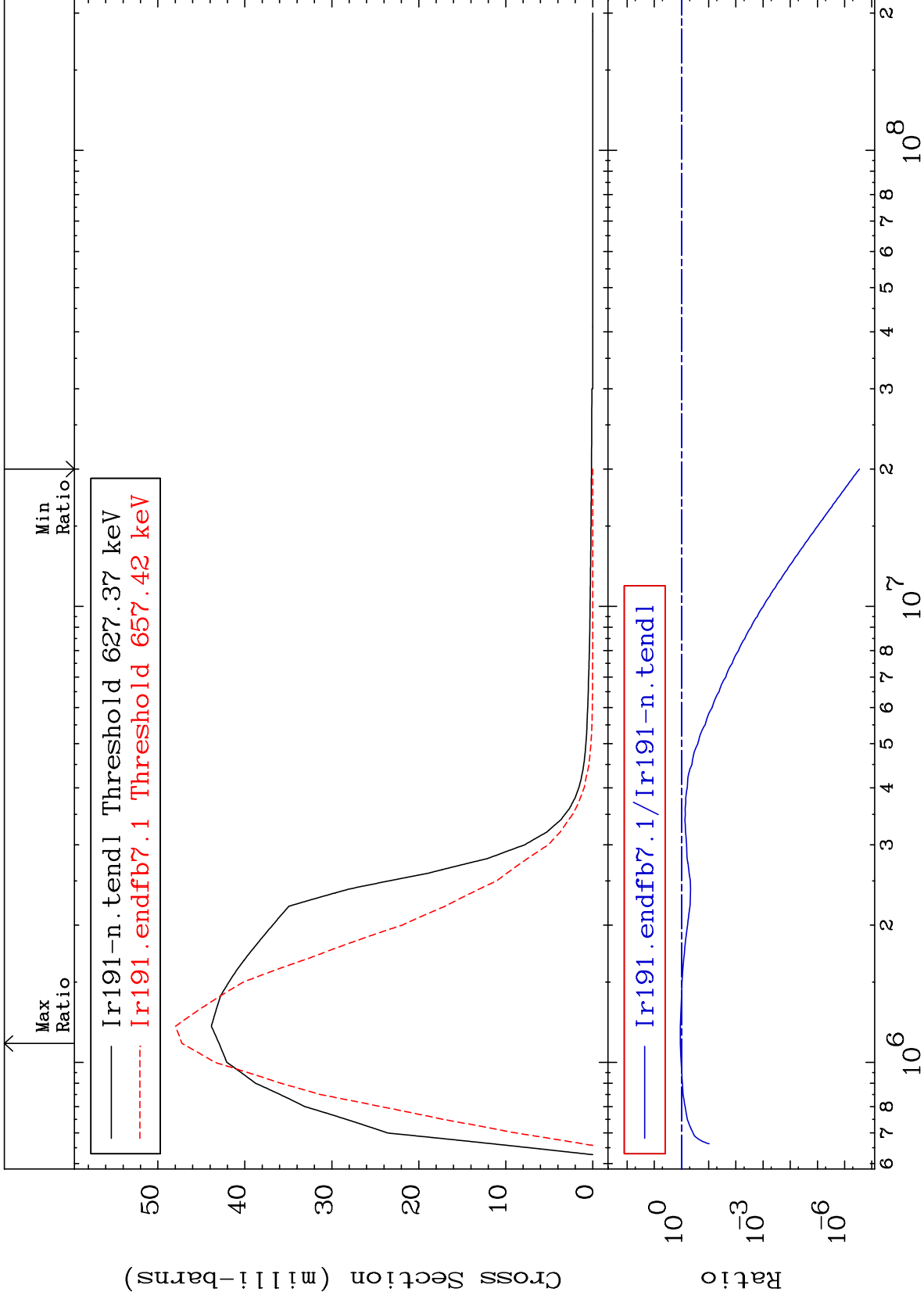
⁷⁷Ir-¹⁹¹Ir
-100.0 To 501.5 %



MAT 7725

624.1 keV (n,n') Level
Cross Section

⁷⁷Ir-¹⁹¹Ir
-100.0 To 9.925 %



25

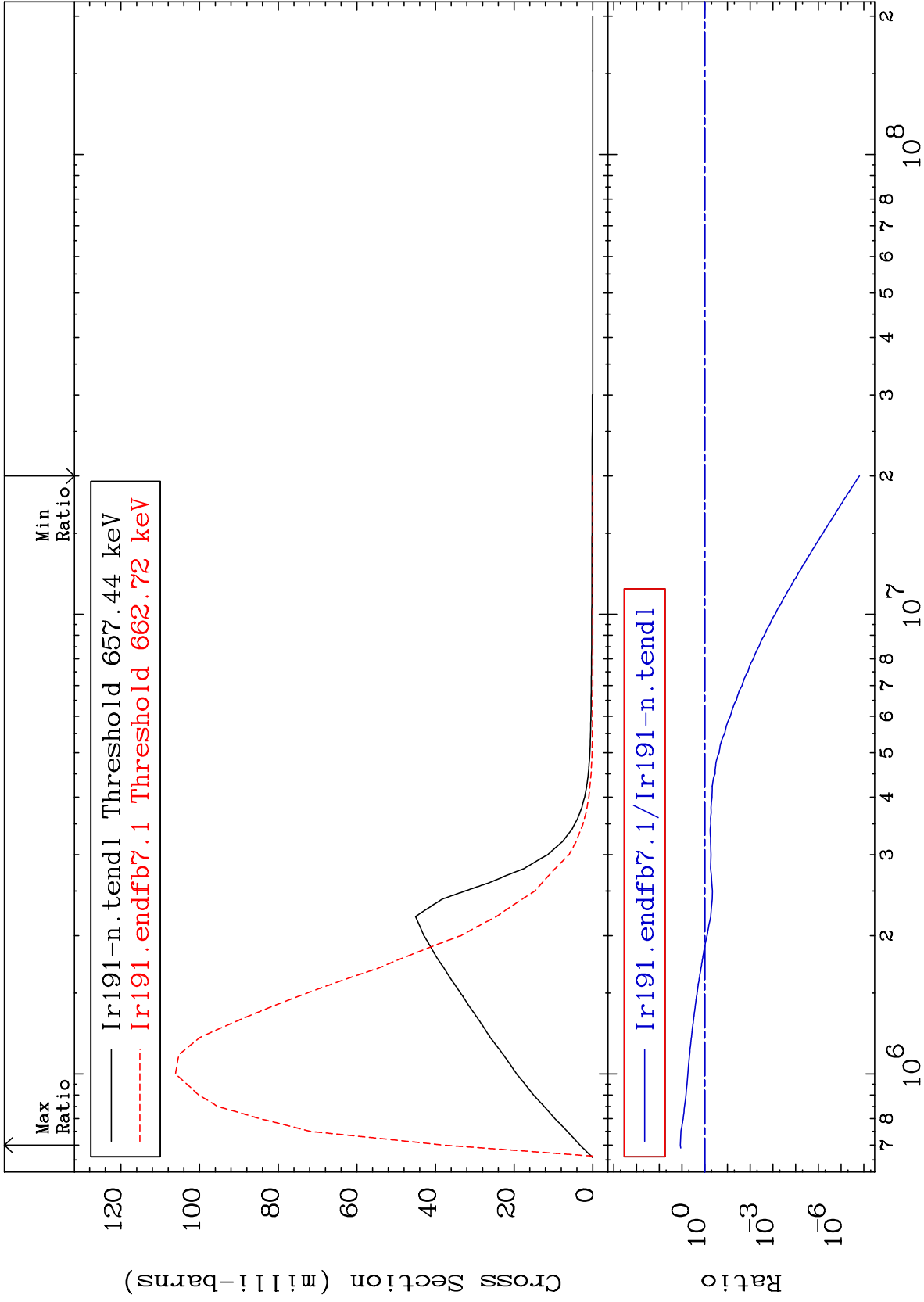
Incident Energy (eV)

⁷⁷Ir-¹⁹¹Ir

MAT 7725

654.0 keV (n,n') Level
Cross Section

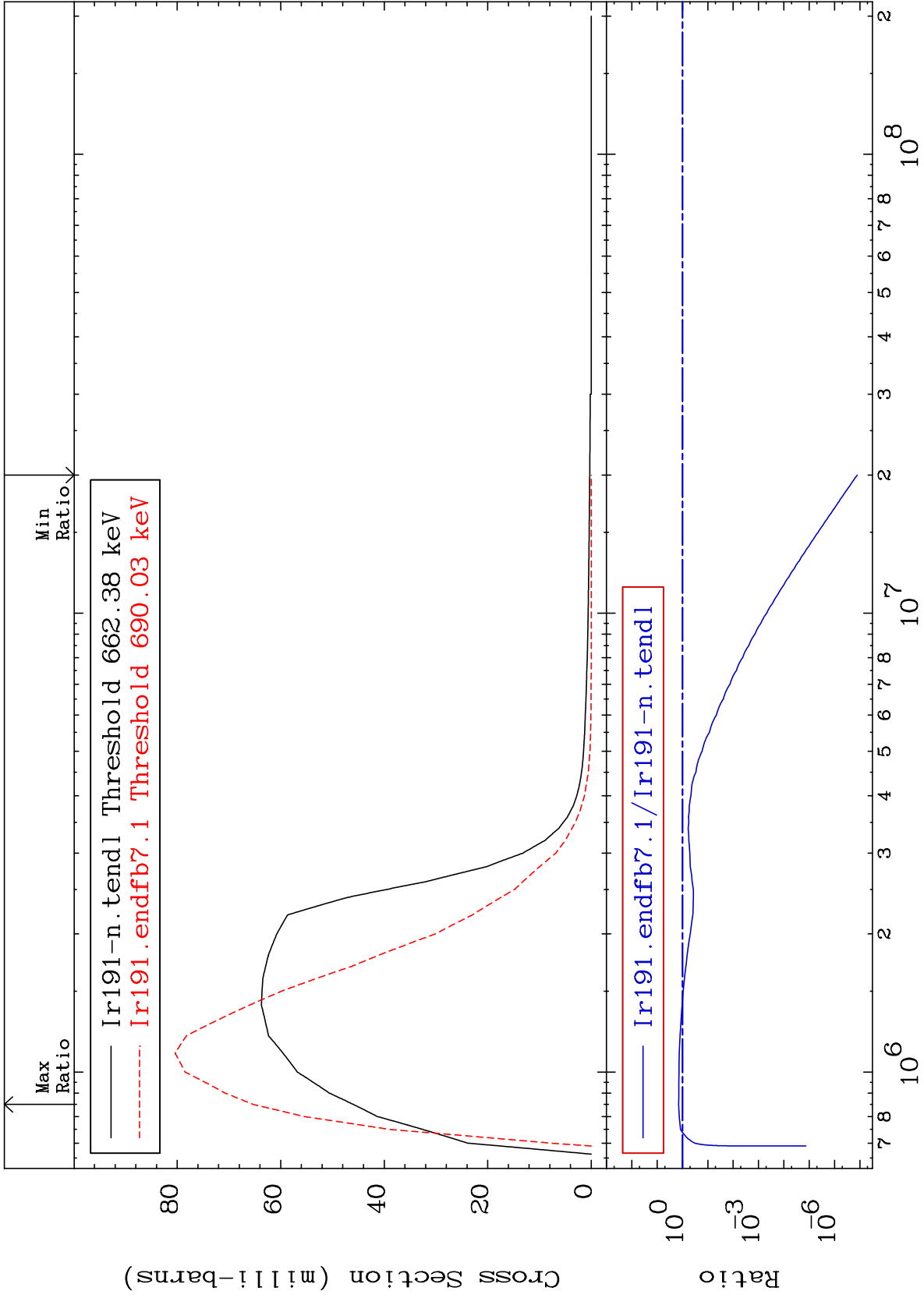
⁷⁷Ir-¹⁹¹Ir
-100.0 To 1072. %



MAT 7725

658.9 keV (n,n') Level
Cross Section

⁷⁷Ir-¹⁹¹Ir
-100.0 To 42.11 %



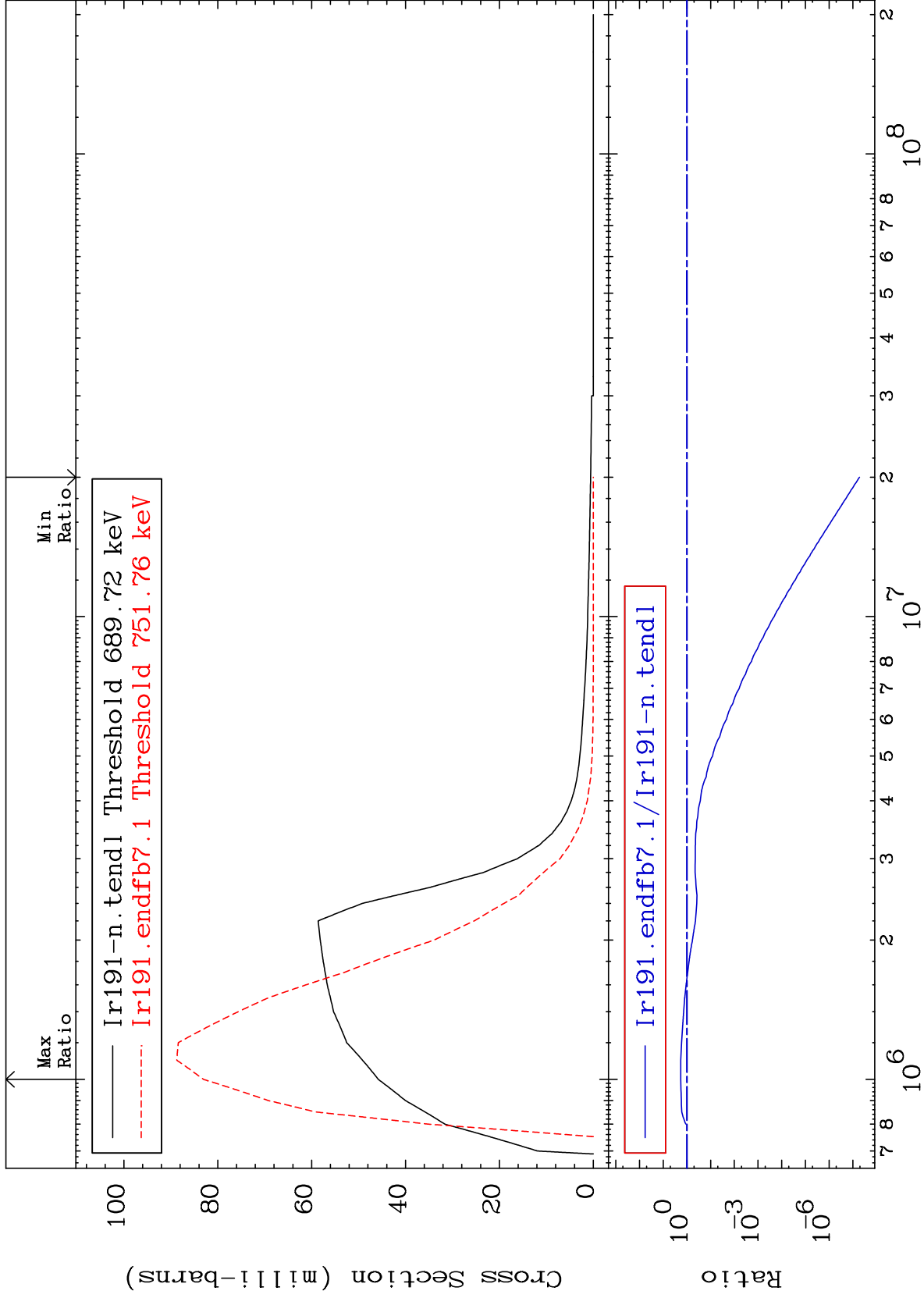
MAT 7725

686.1 keV (n,n') Level

⁷⁷Ir-¹⁹¹

-100.0 To 81.37 %

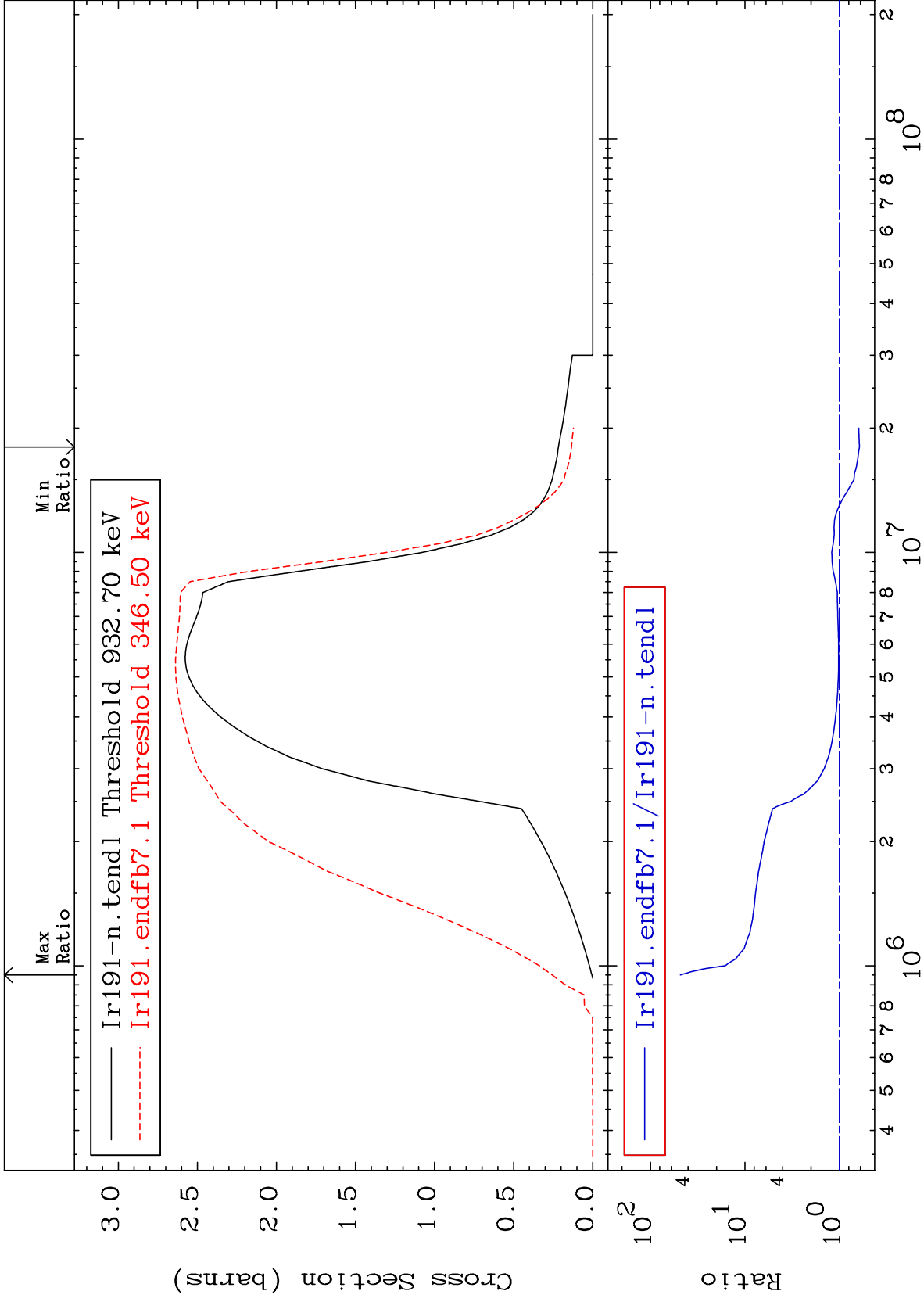
Cross Section

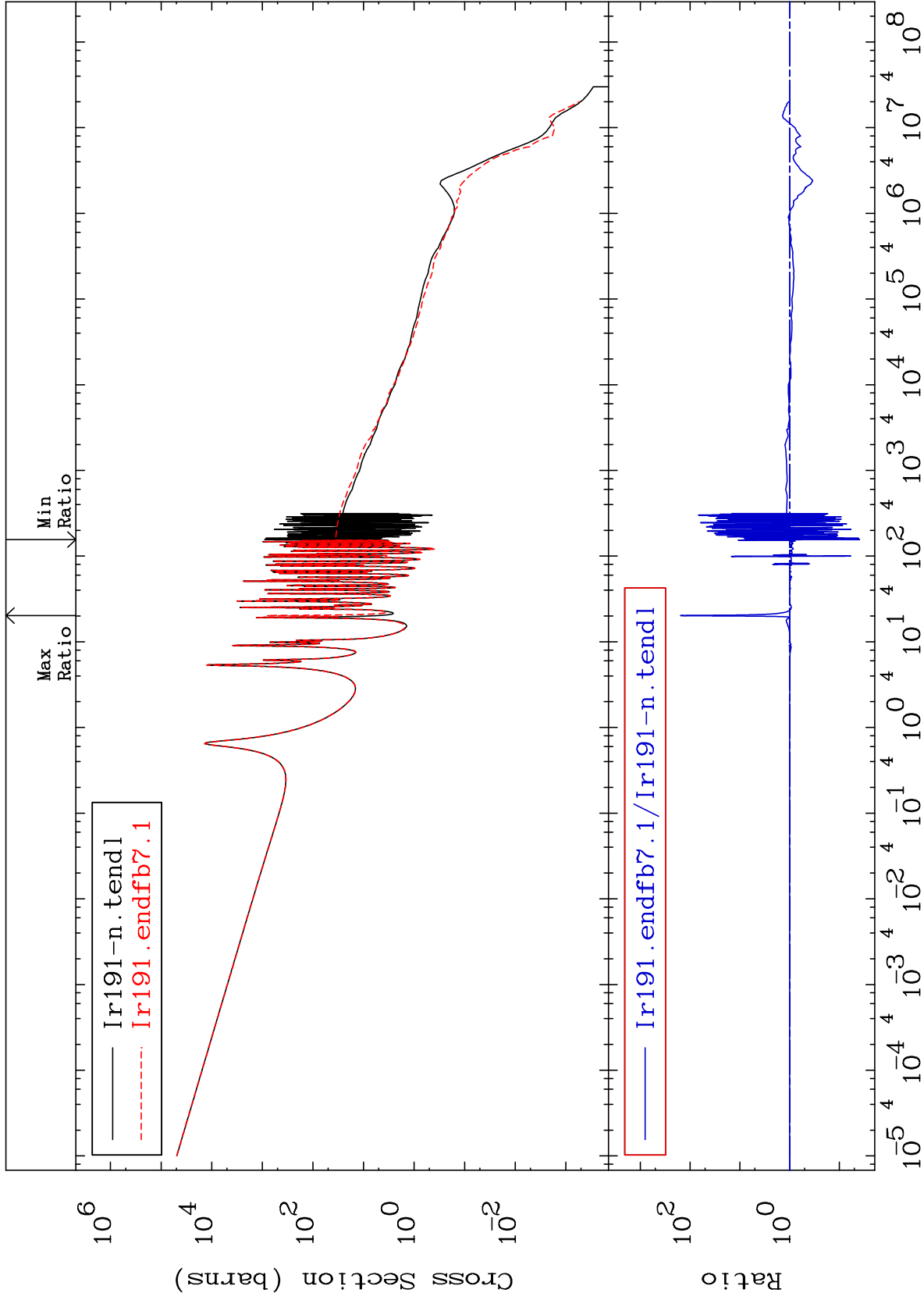


MAT 7725

(n, n') Continuum
Cross Section

77-Ir-191
-38.31 To 4723. %

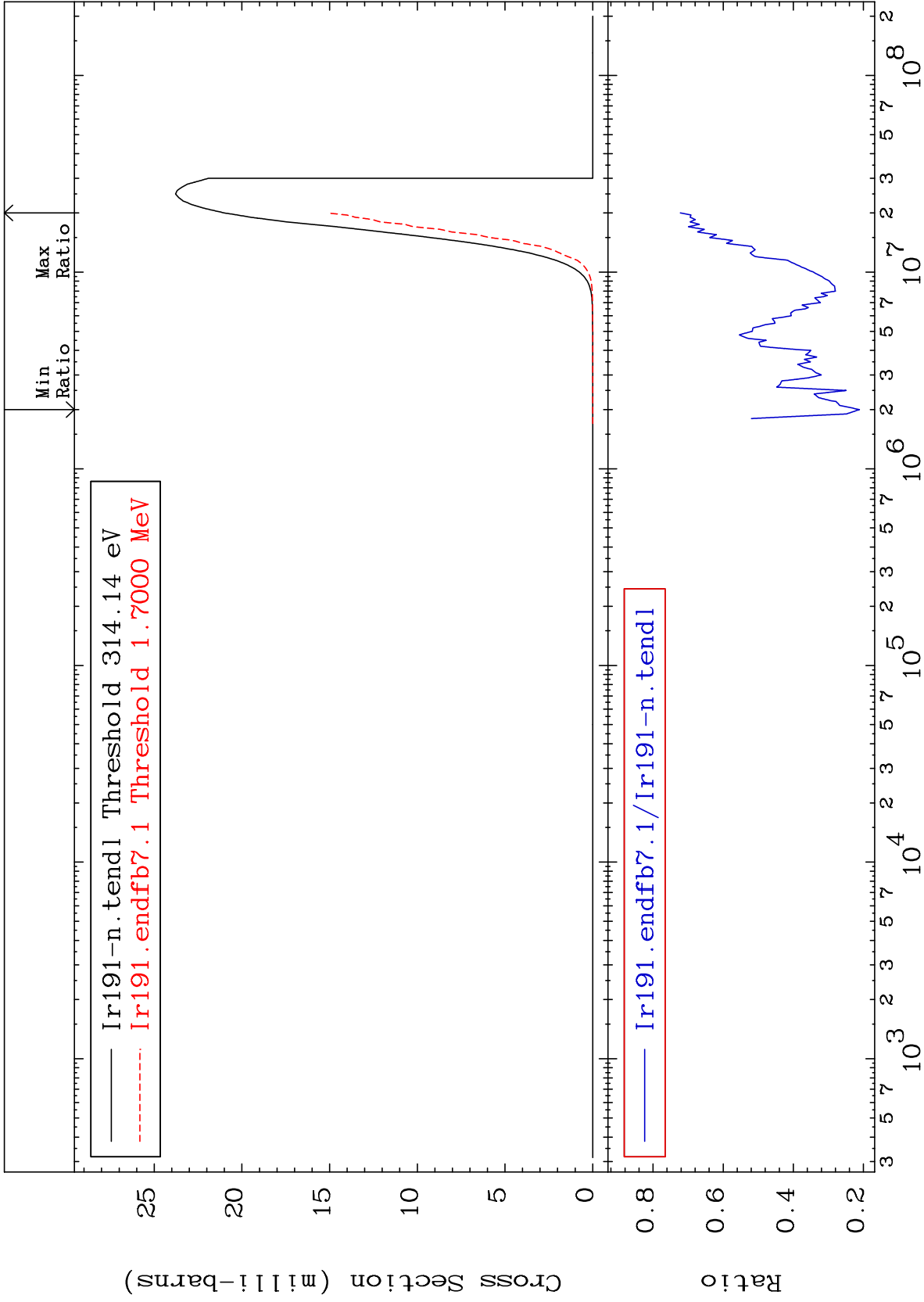




MAT 7725

(n,p)
Cross Section

77-Ir-191
-78.84 To -27.79%



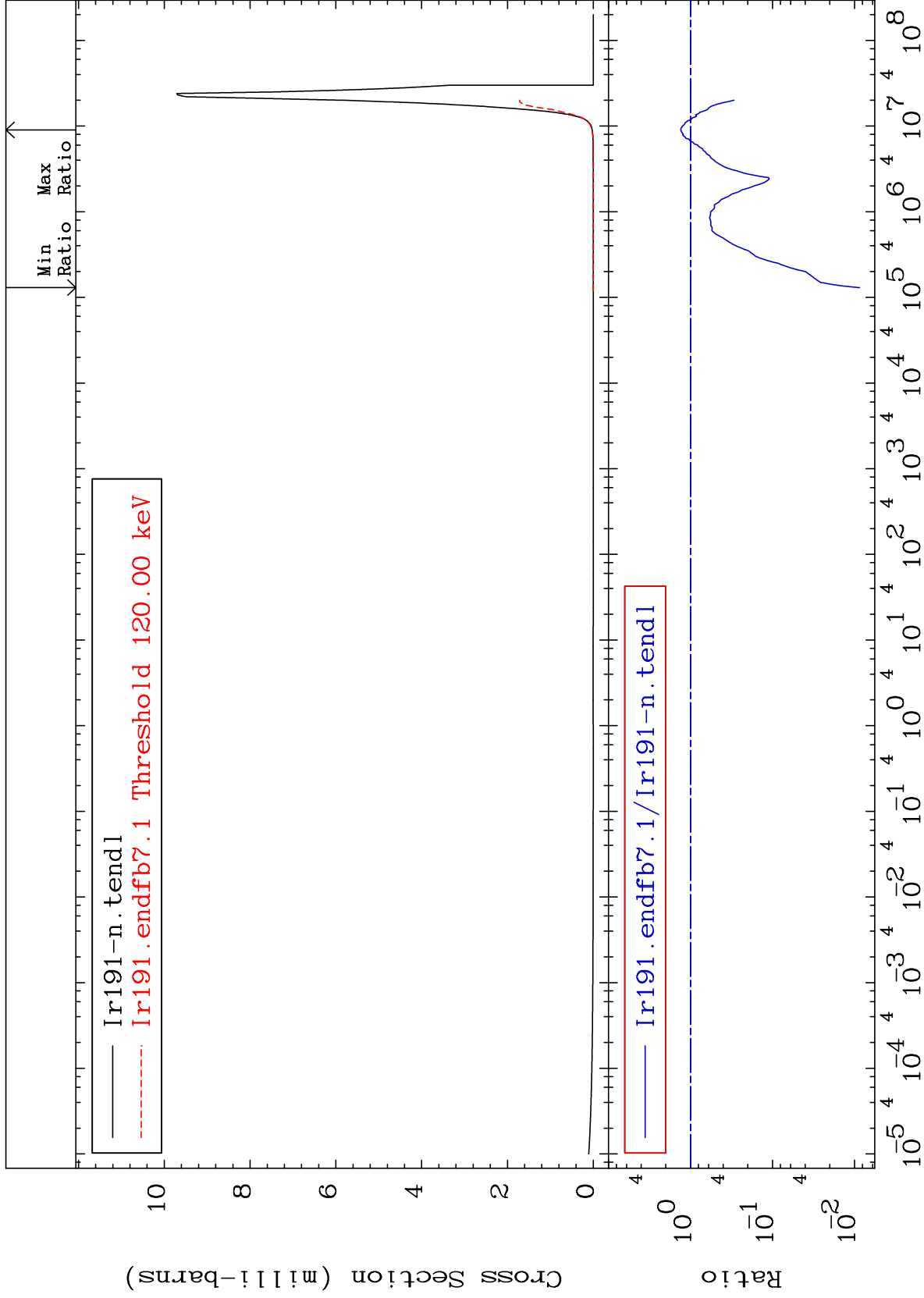
MAT 7725

(n, α)

77-Ir-191

Cross Section

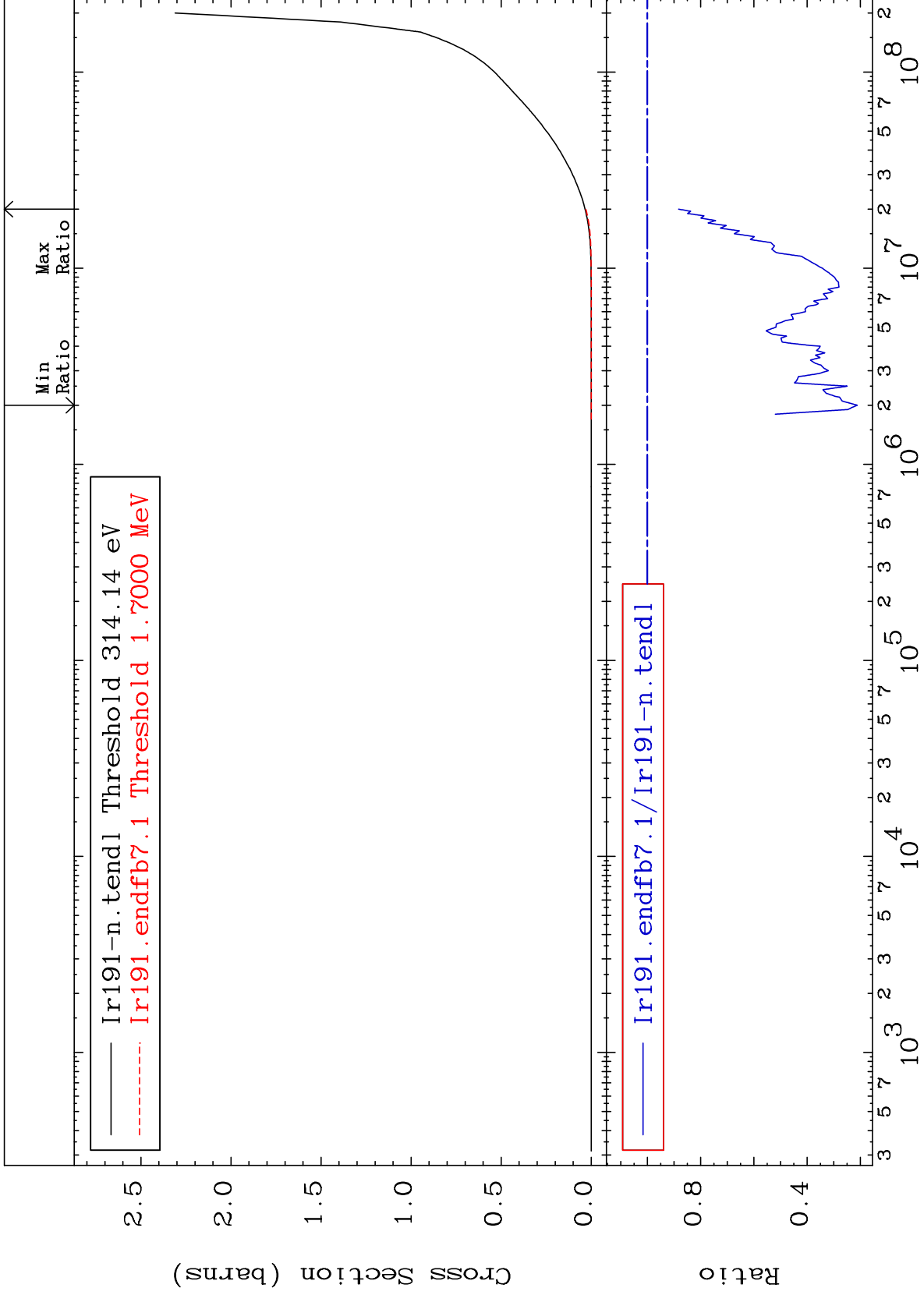
-99.13 To 31.37 %

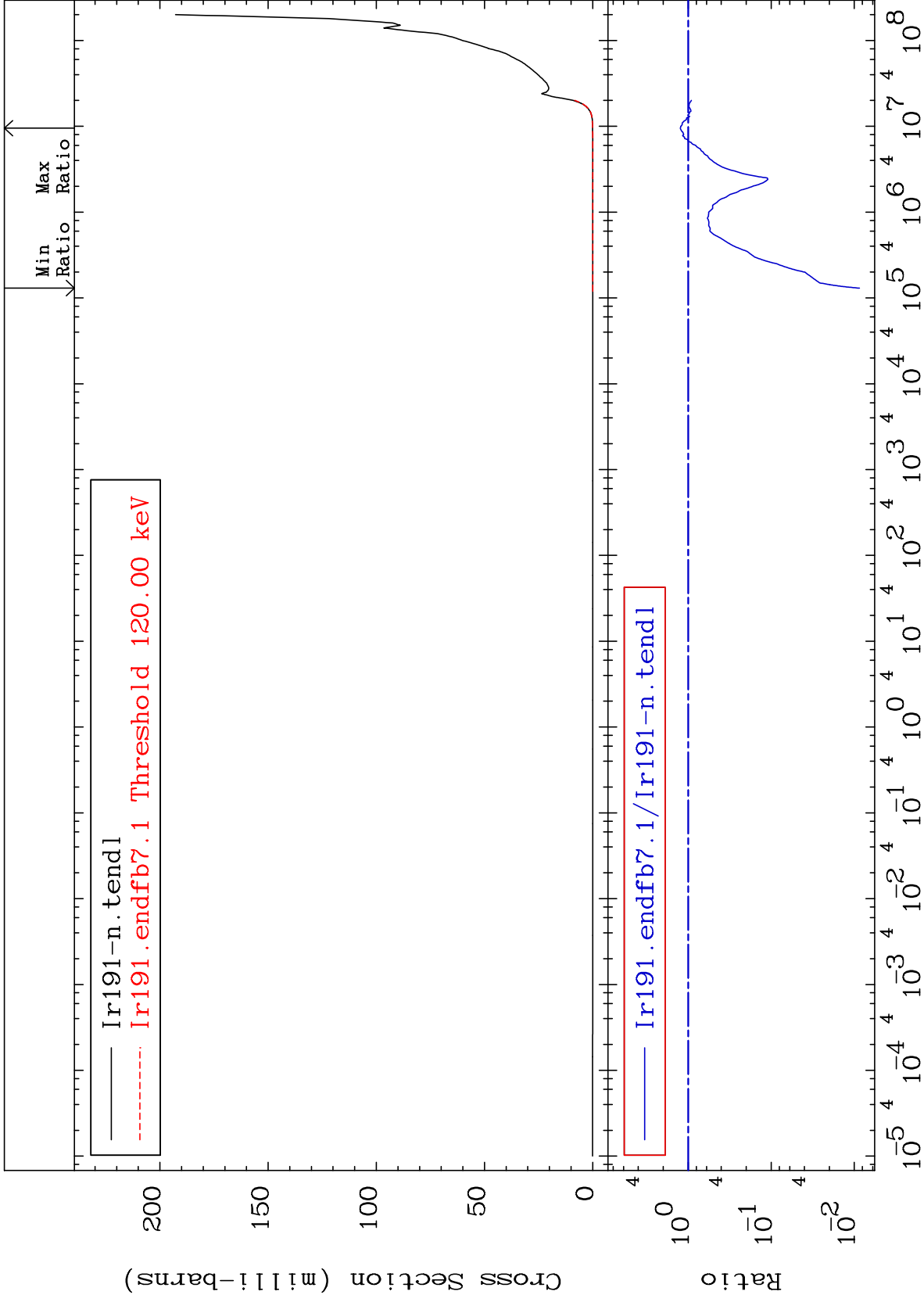


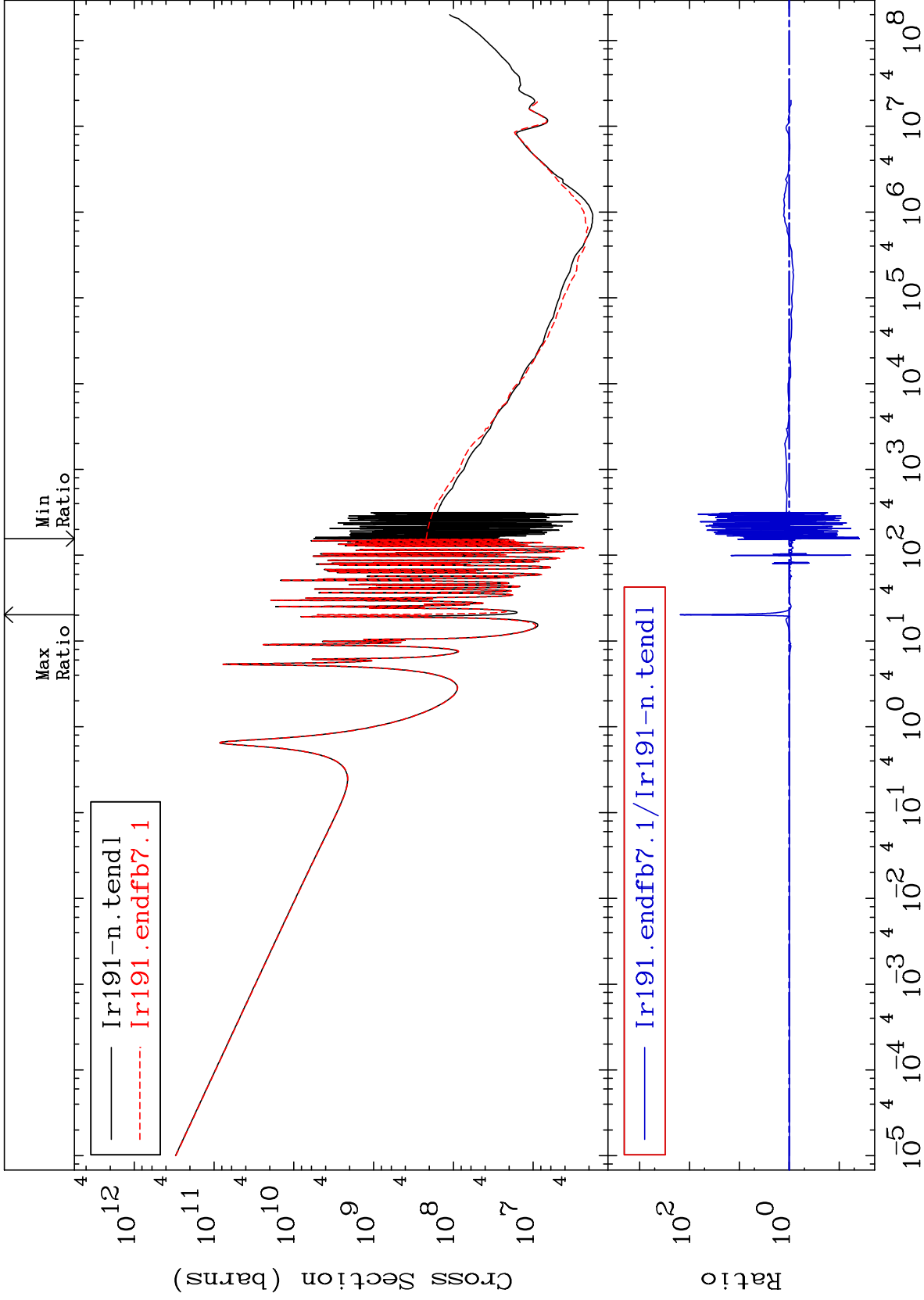
MAT 7725

Hydrogen Production
Cross Section

⁷⁷Ir-¹⁹¹Ir
-78.84 To -11.72%



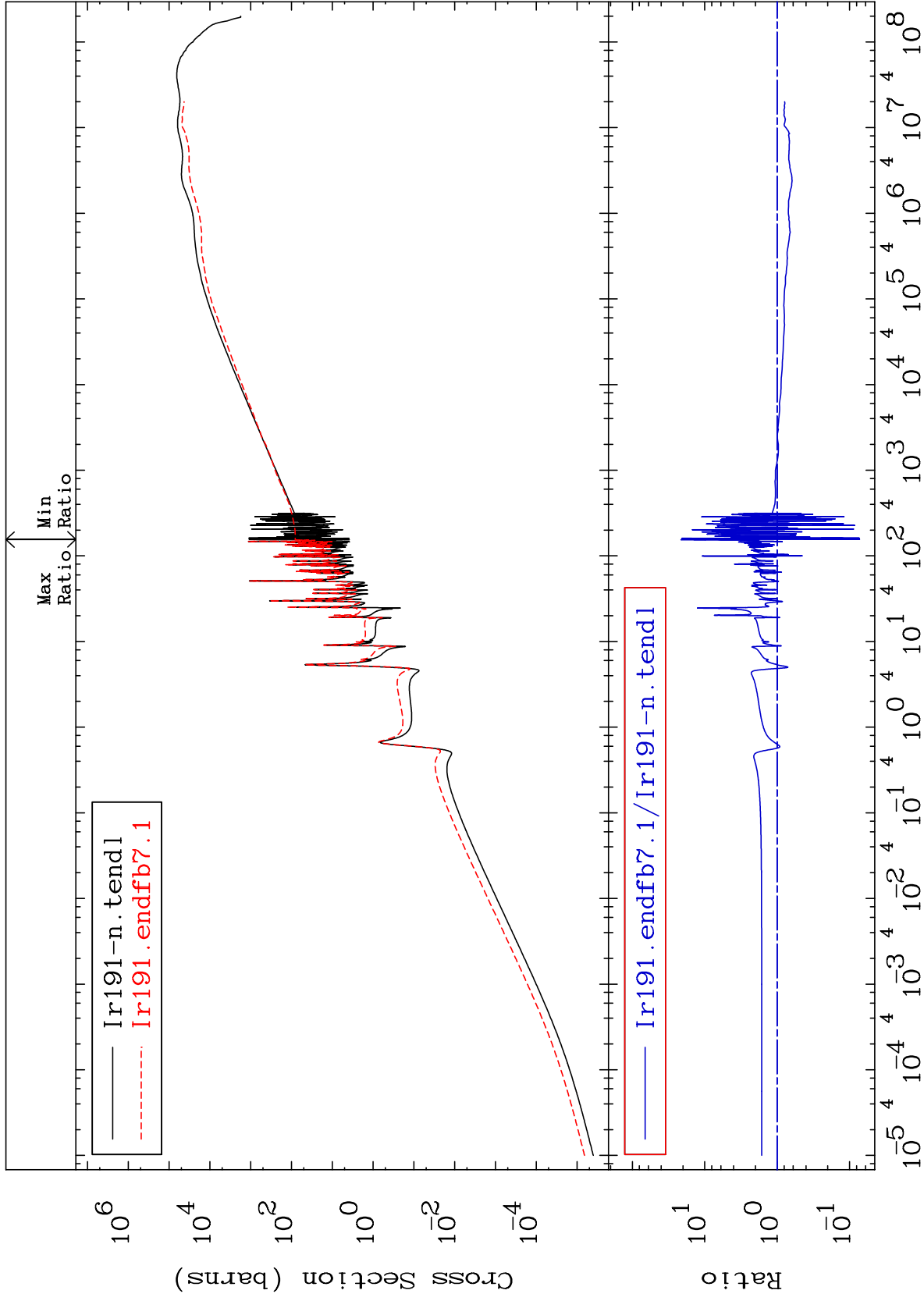


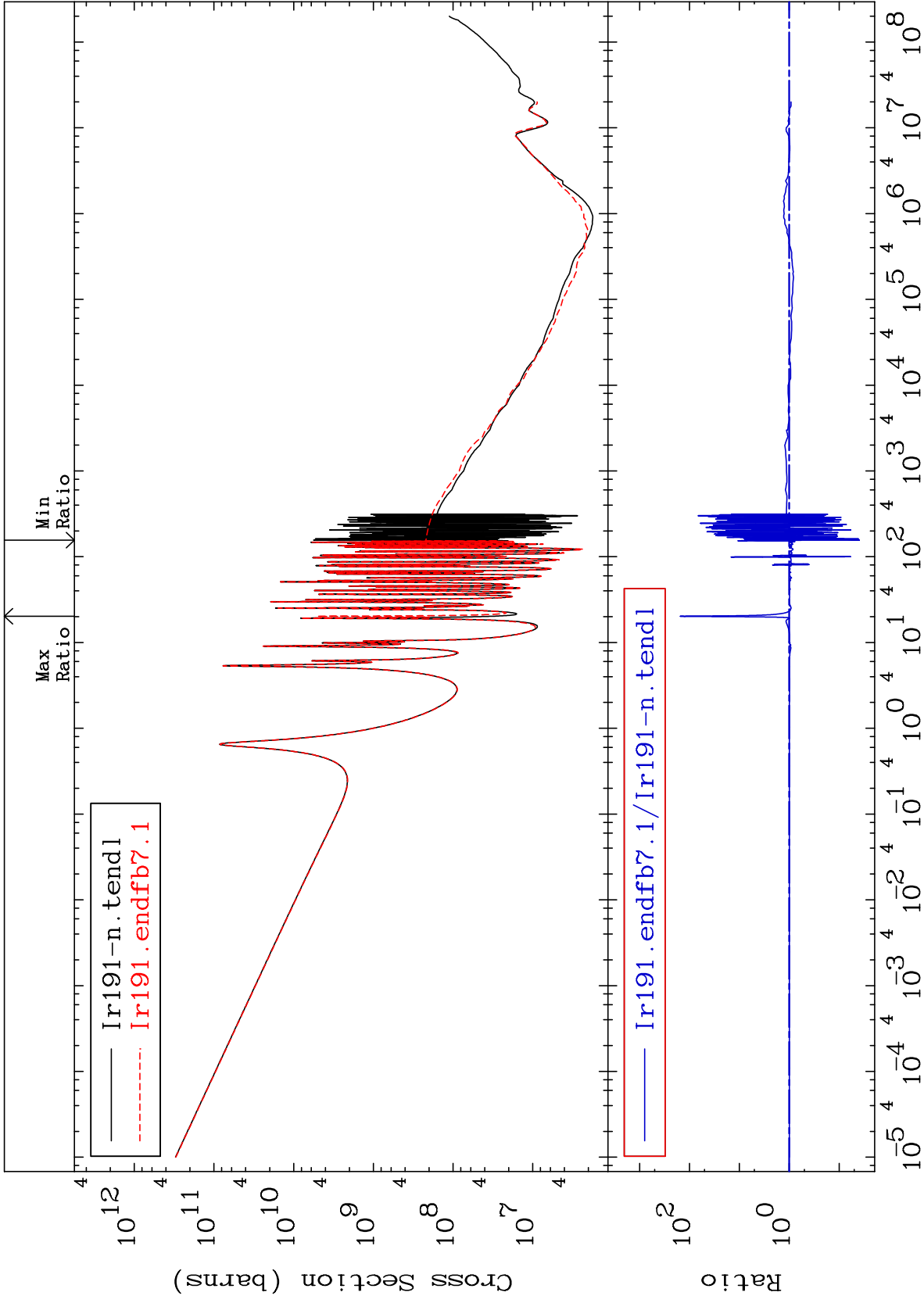


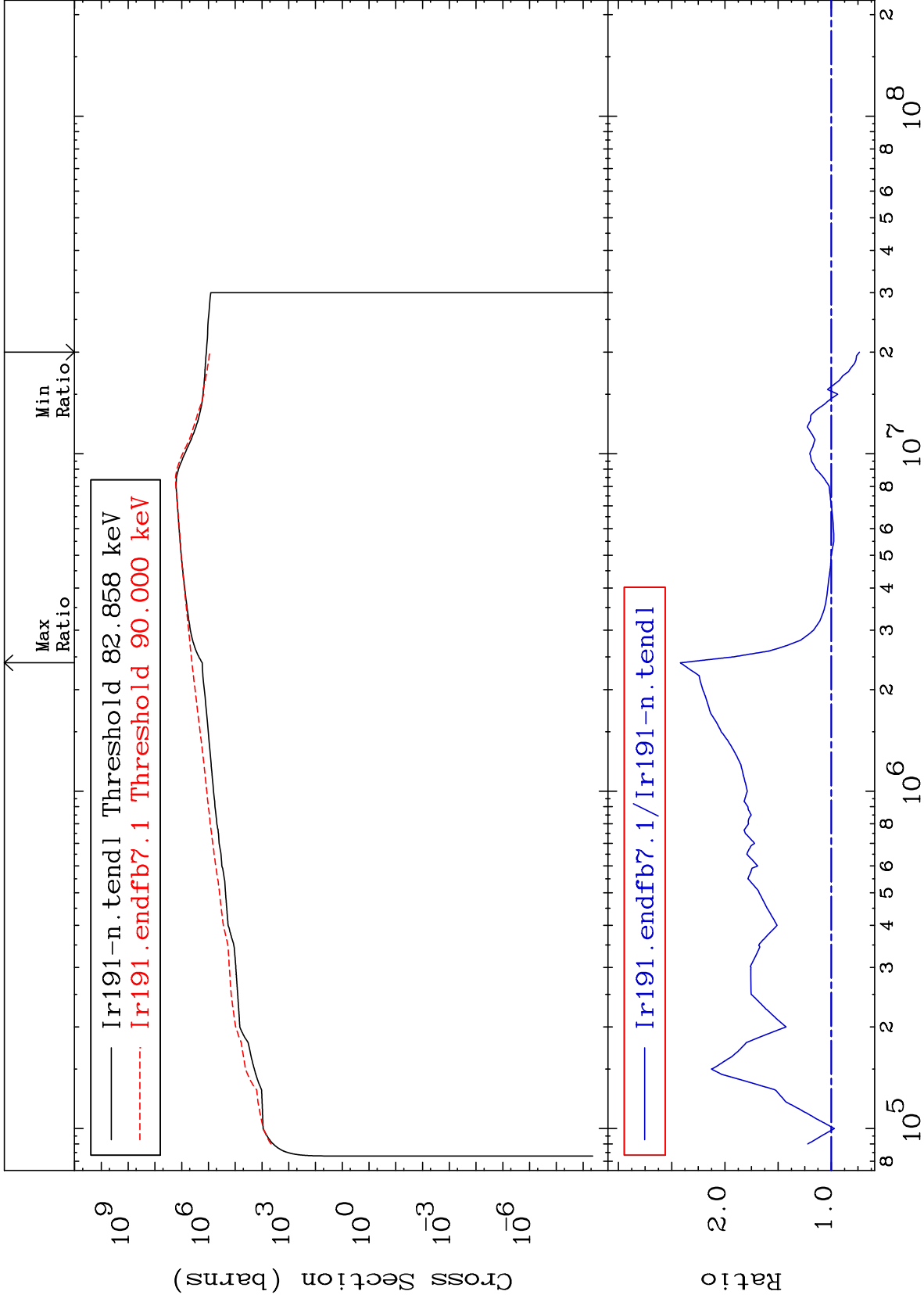
MAT 7725

Kerma elastic
Cross Section

77-Ir-191
-92.72 To 2044. %



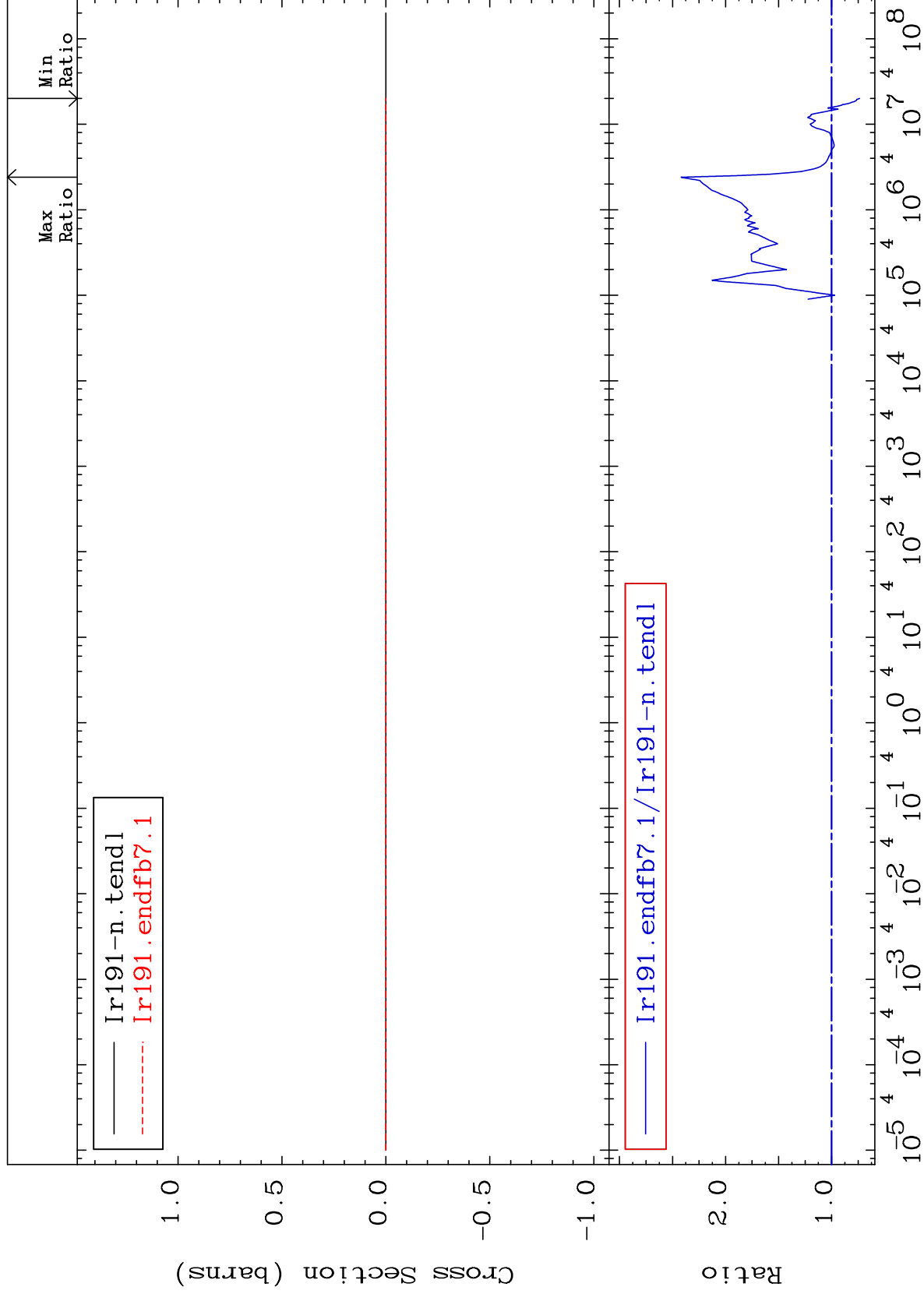




MAT 7725

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

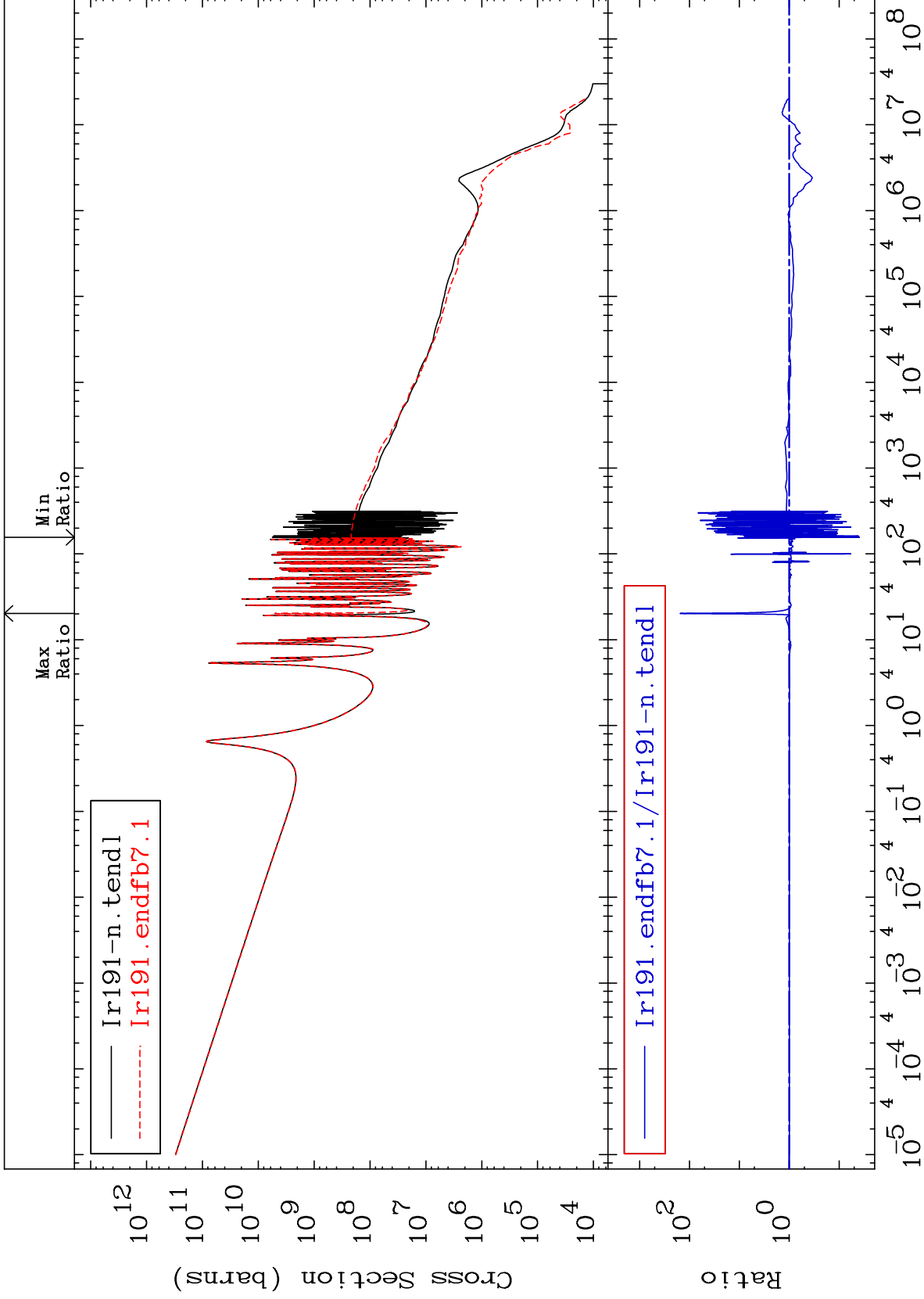
77-Ir-191
-26.43 To 141.8 %



MAT 7725

Kerma capture (mt102)
Cross Section

77-Ir-191
-96.08 To 9999. %



Incident Energy (eV)

77-Ir-191

40

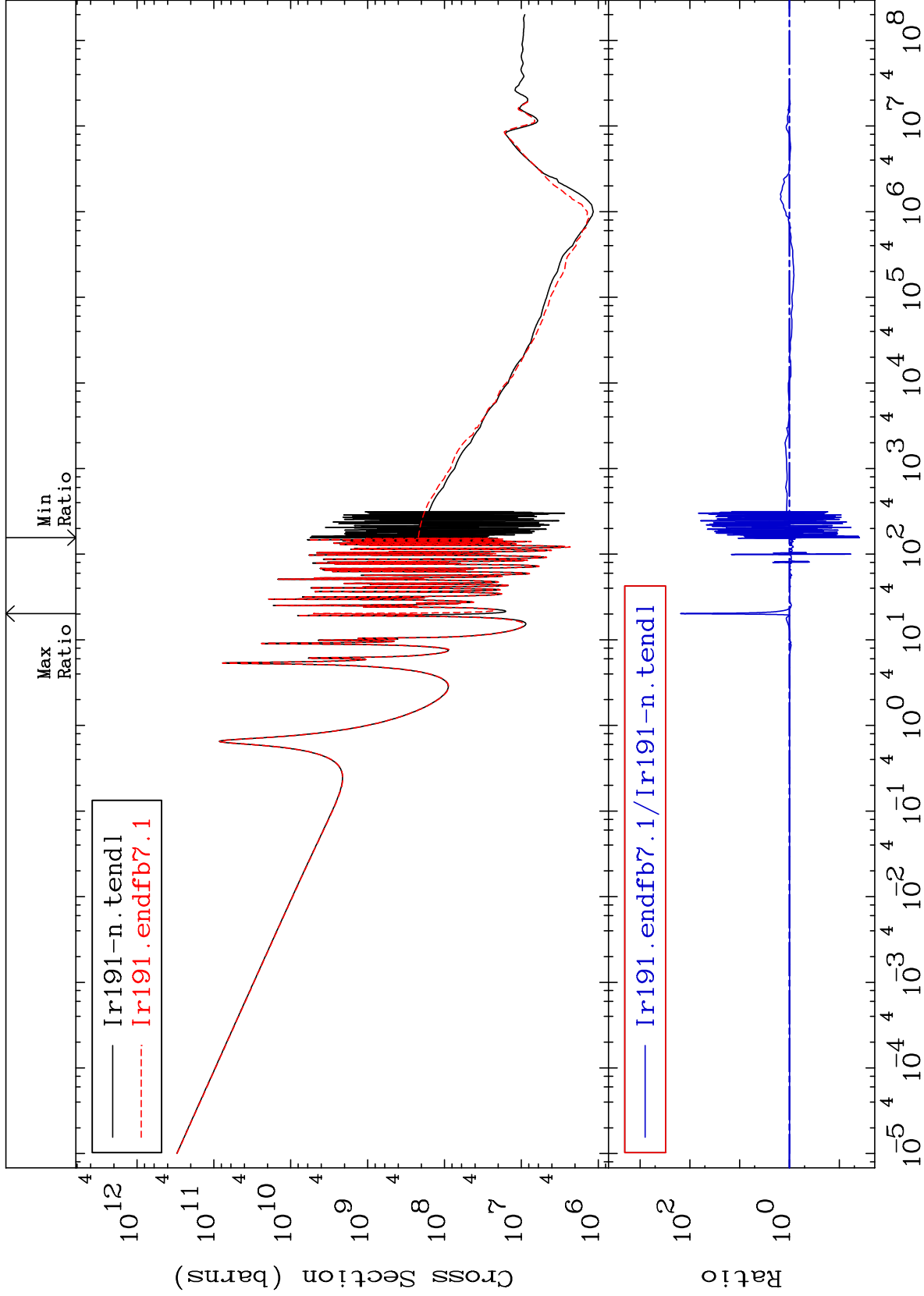
MAT 7725

Total photon (eV-barns)

77-Ir-191

-96.08 To 9999. %

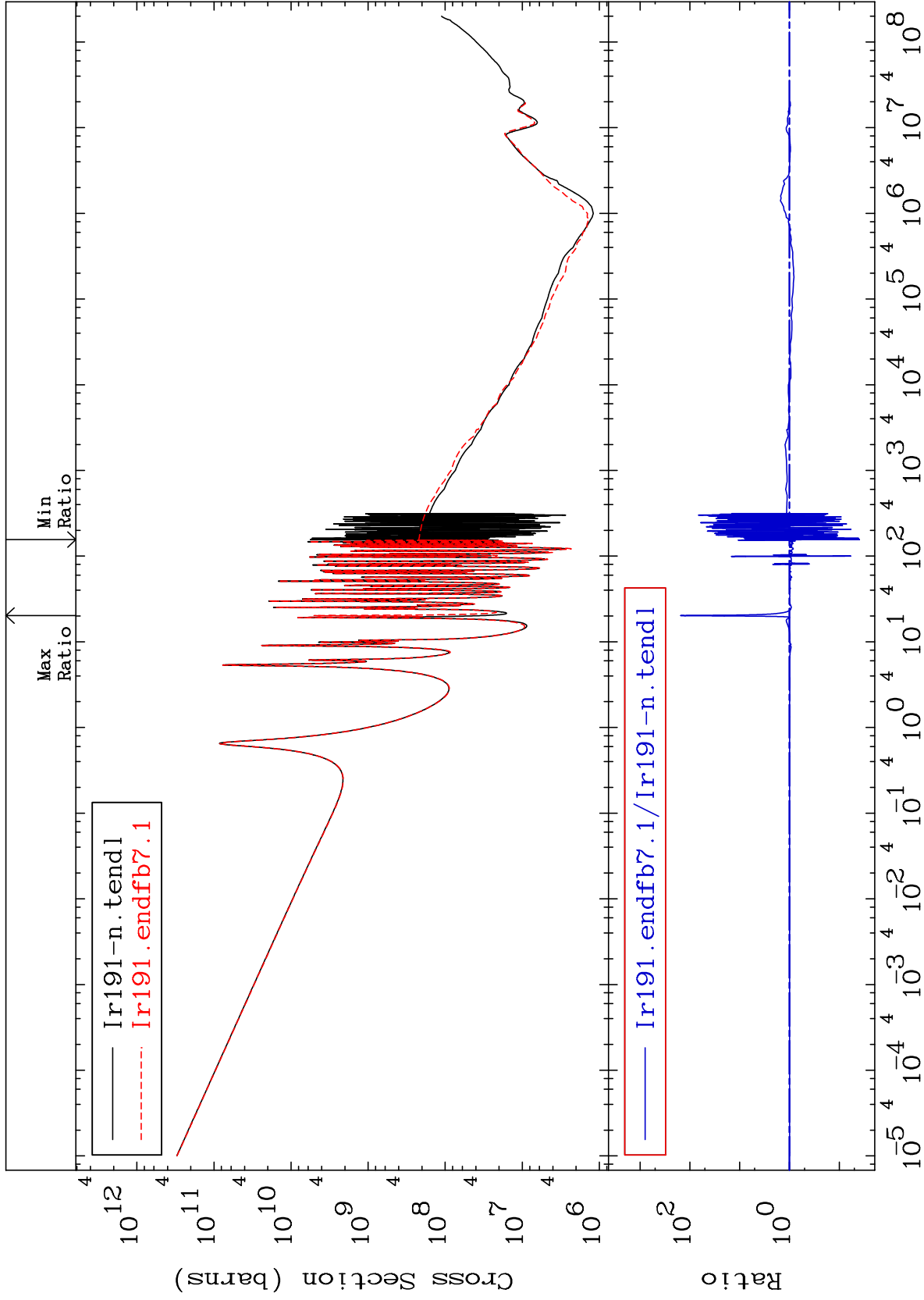
Cross Section

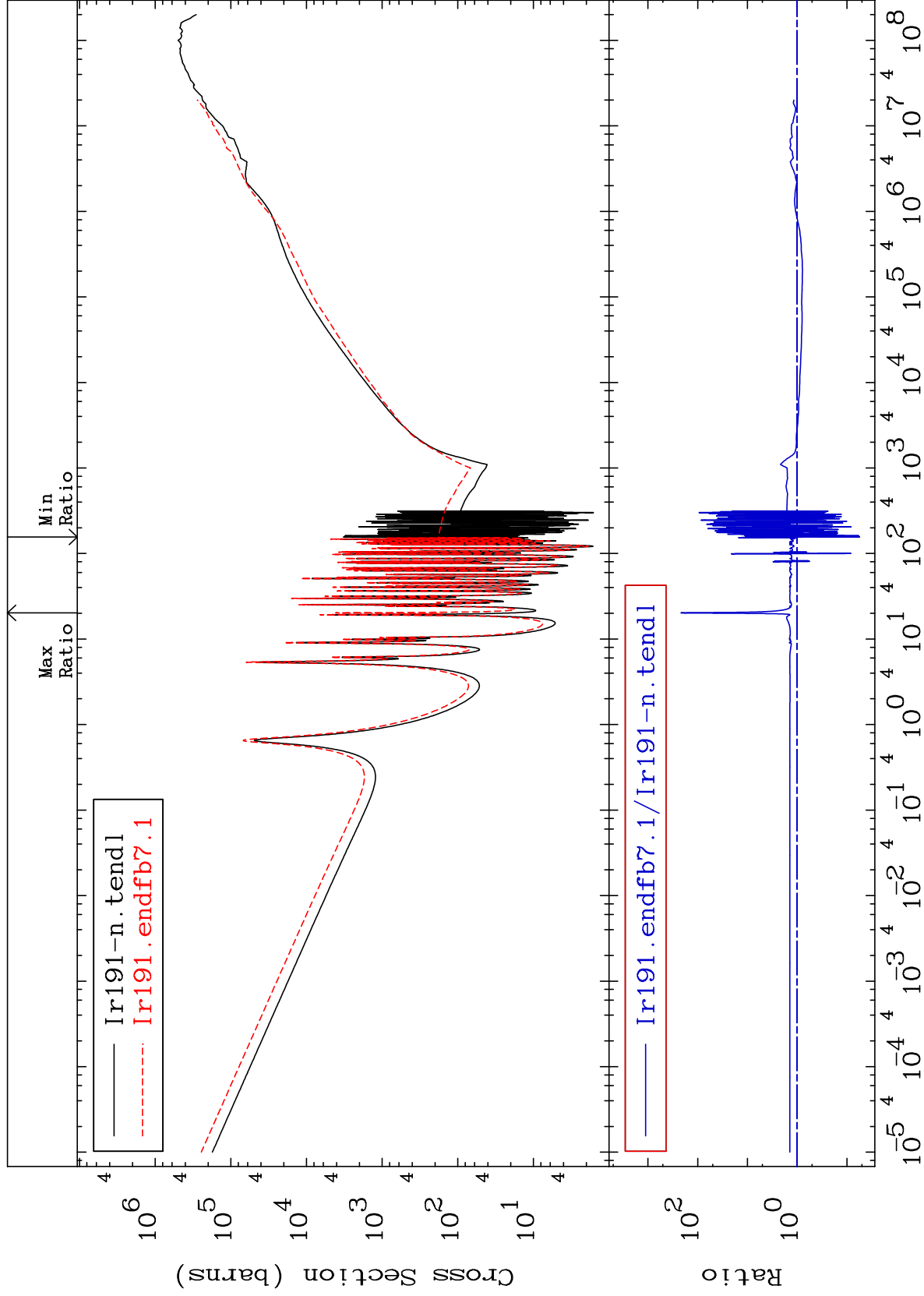


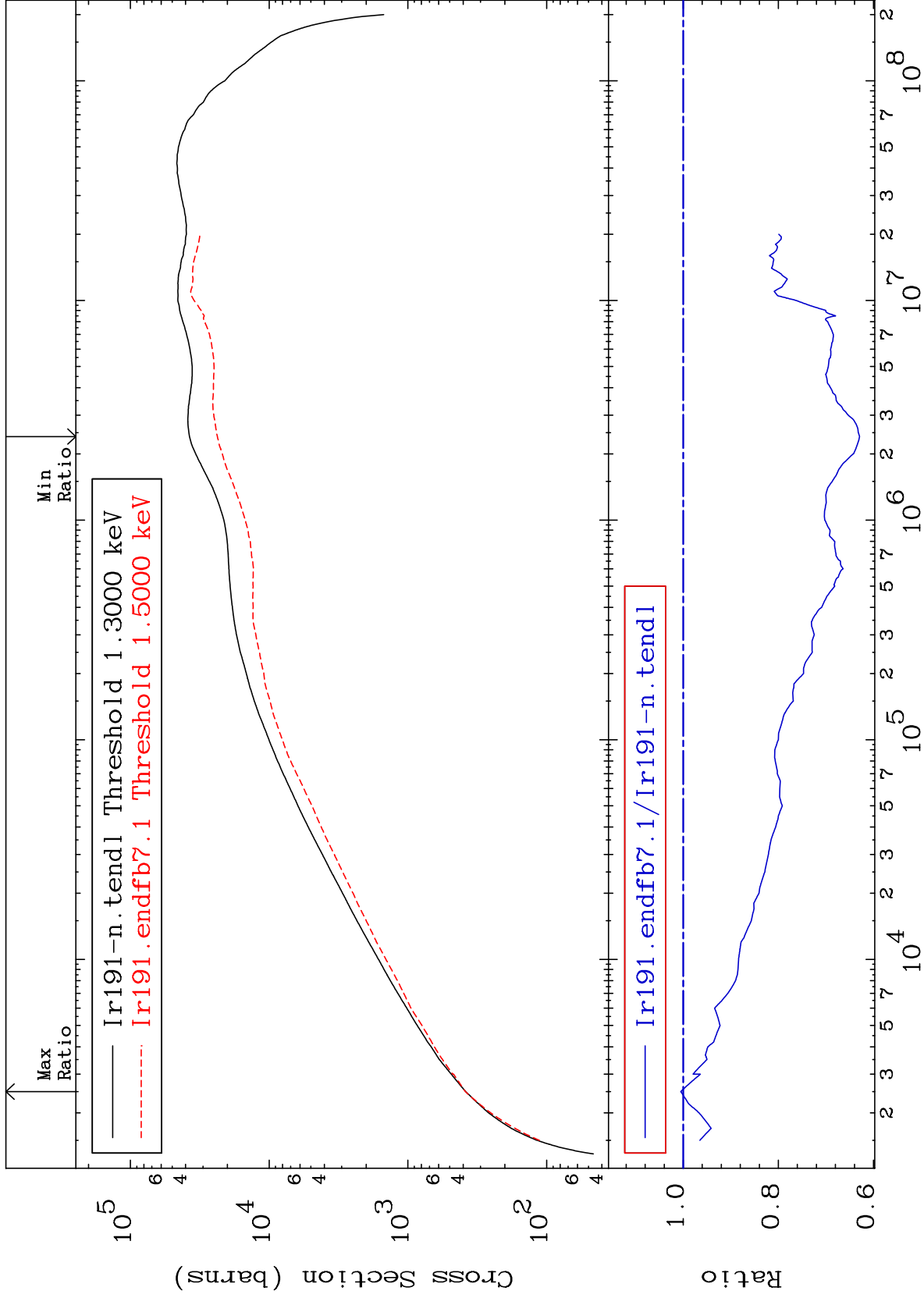
41

Incident Energy (eV)

77-Ir-191



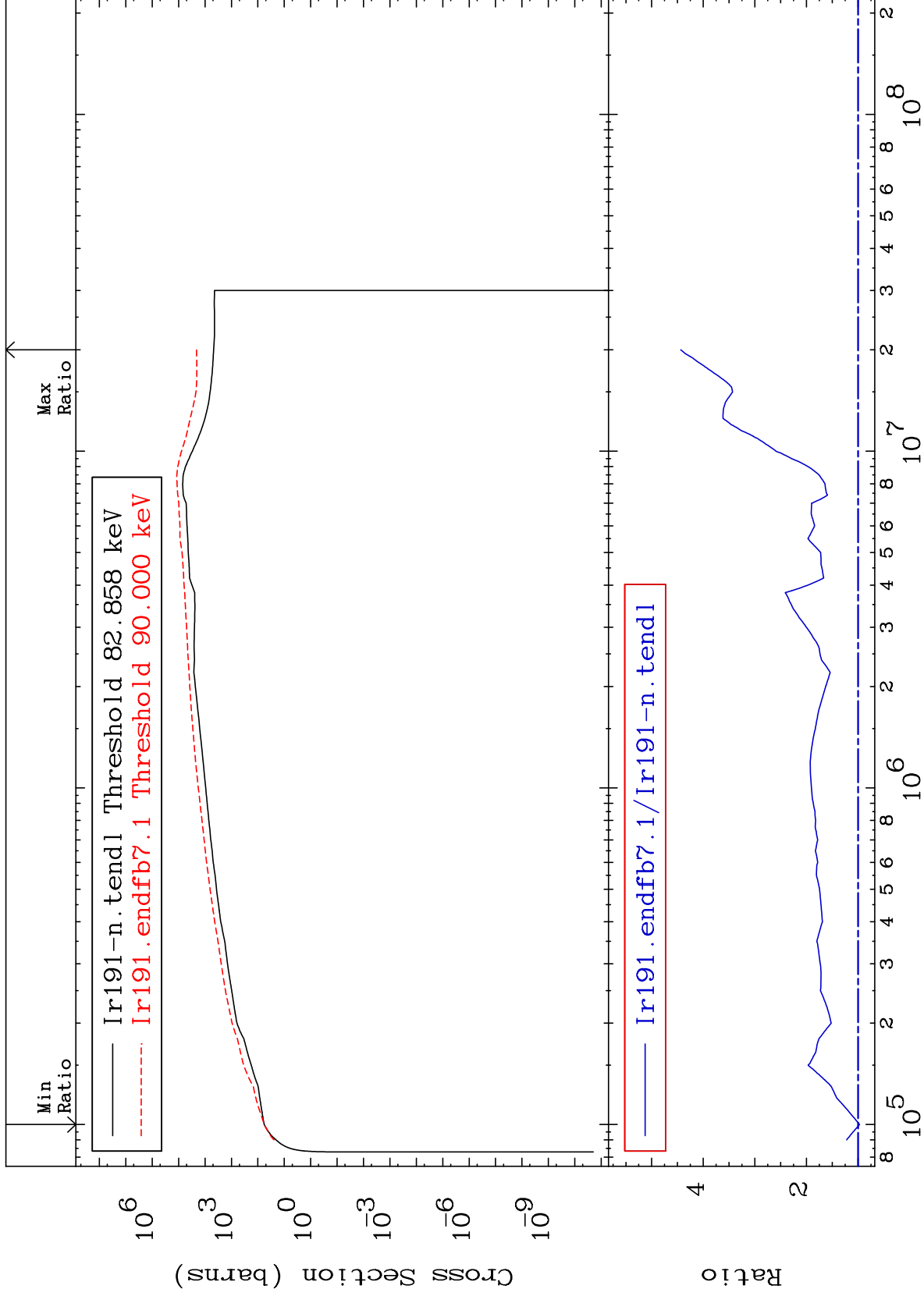




MAT 7725

Dpa inelastic (mt51-91)
Cross Section

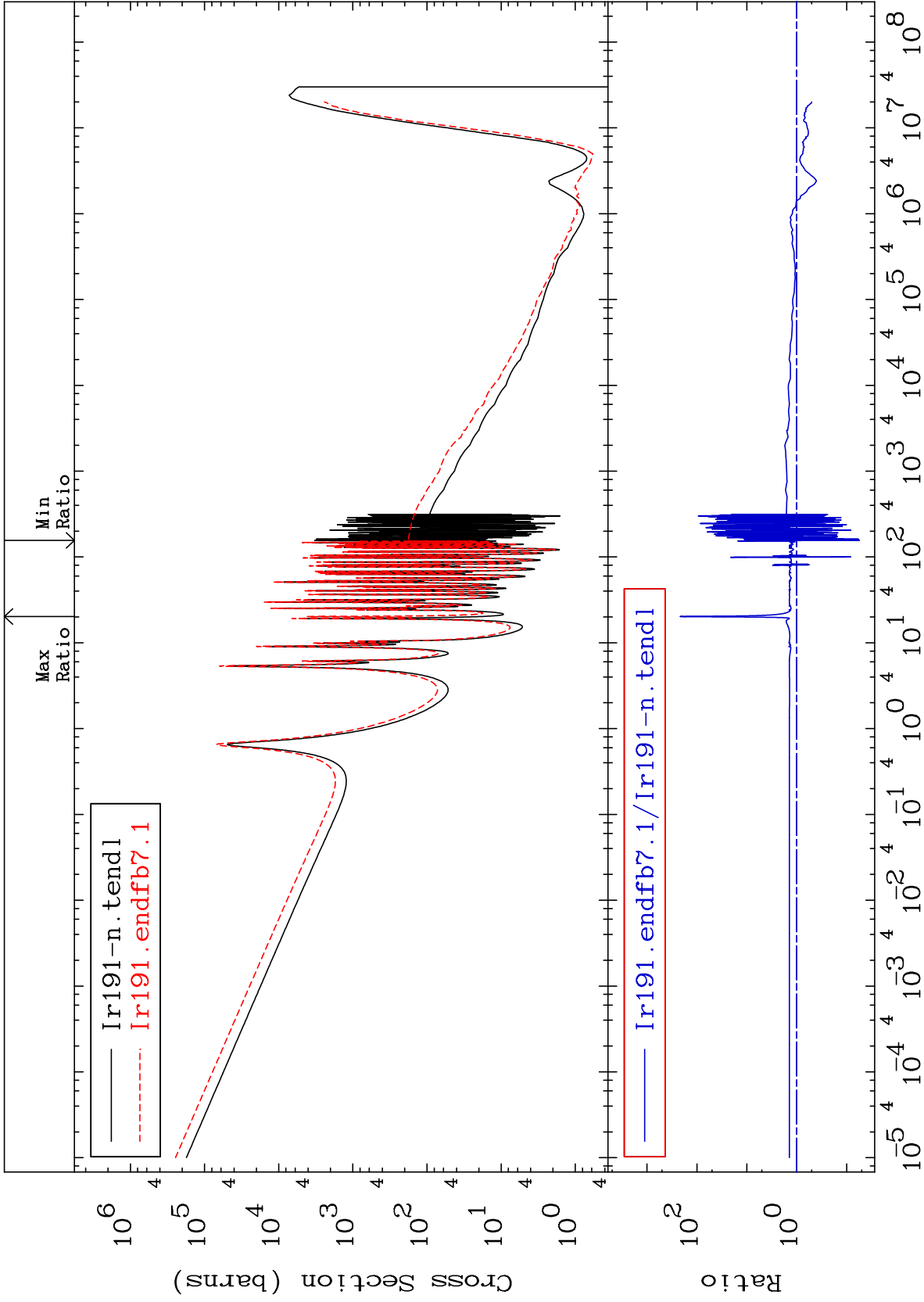
77-Ir-191
-2.971 To 343.6 %

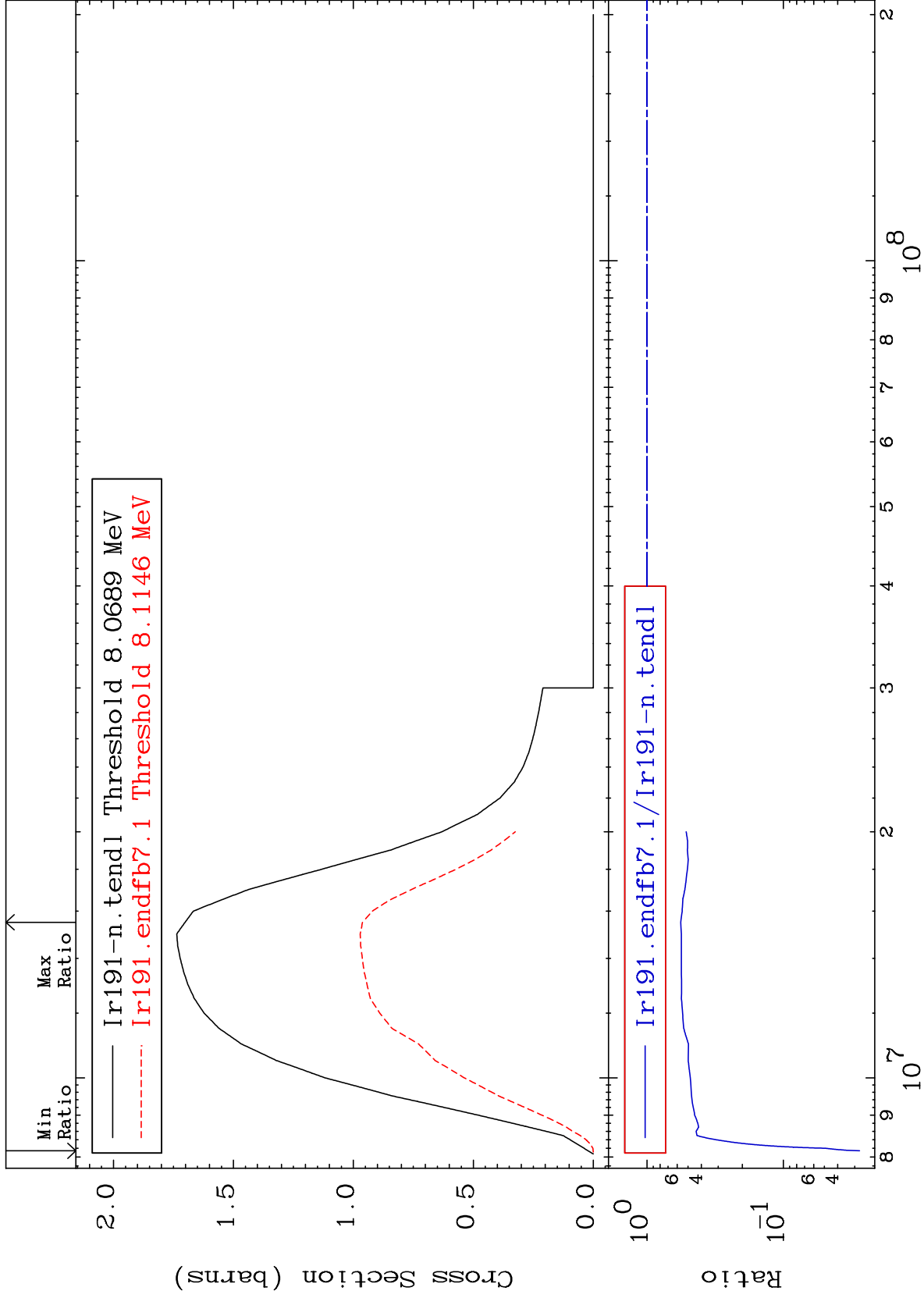


45

Incident Energy (eV)

77-Ir-191



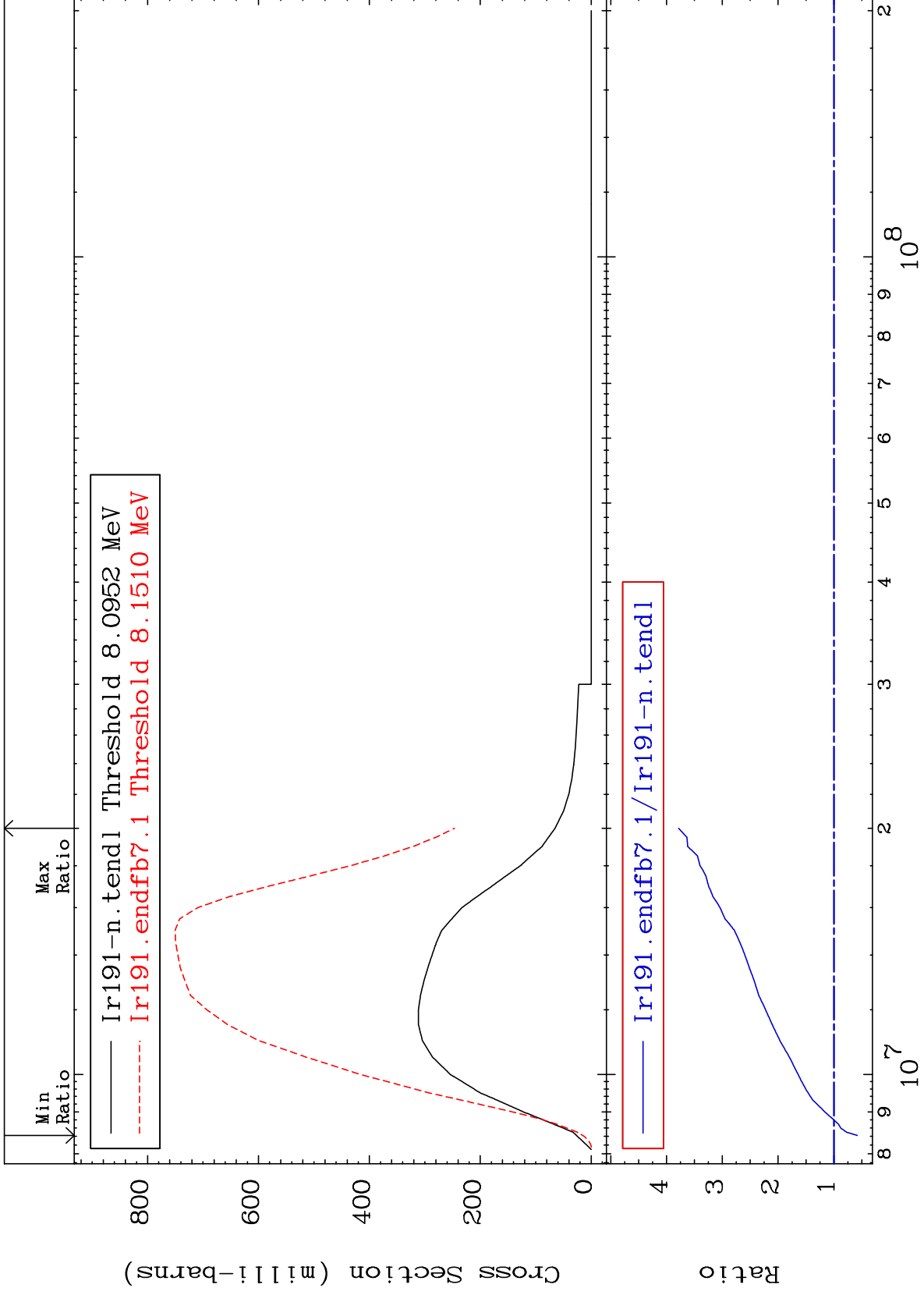


MAT 7725

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

77-Ir-191

Radionuclide Production Cross Section -41.96 To 278.4 %



48

Incident Energy (eV)

77-Ir-191