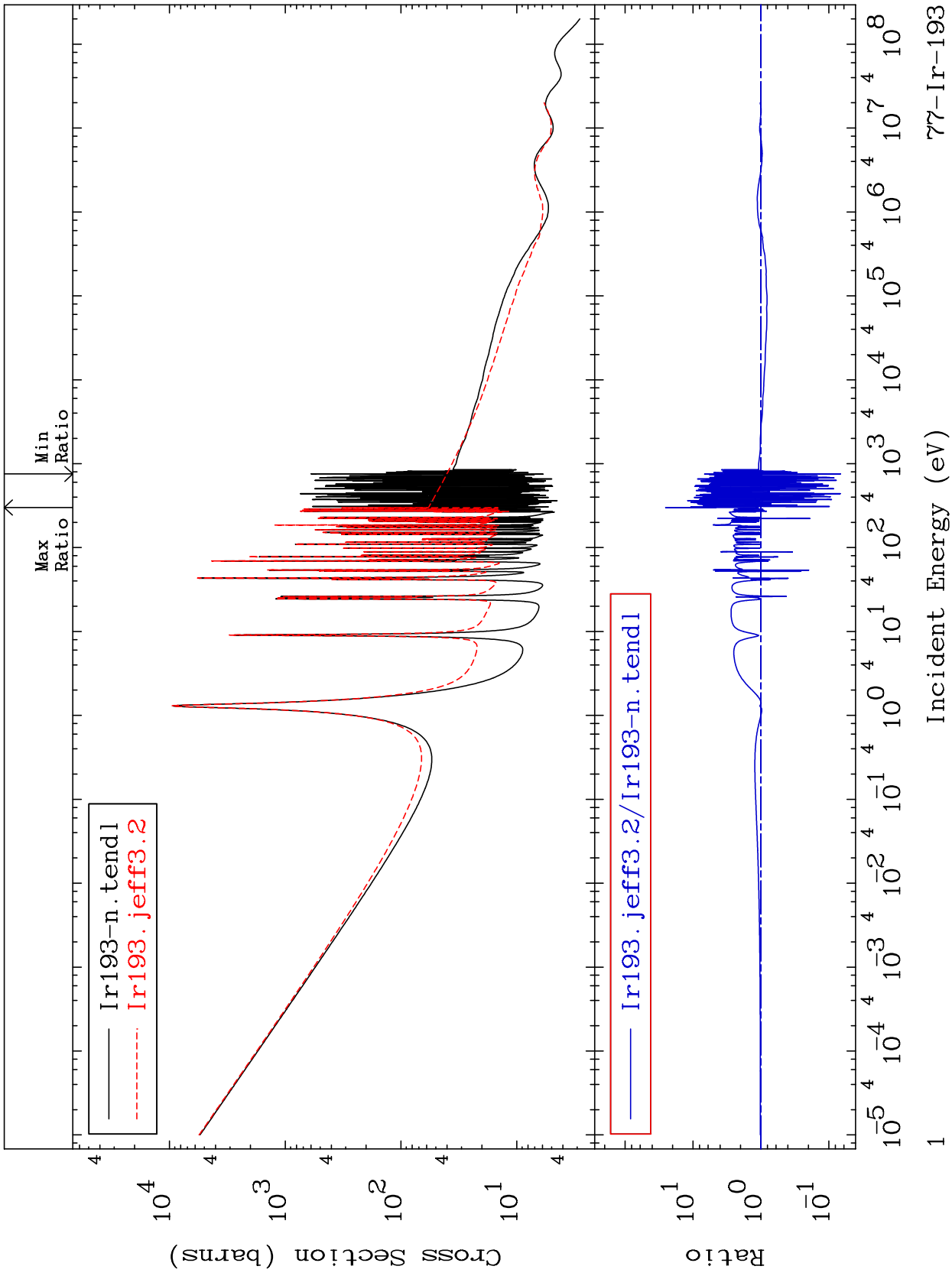


MAT 7731

Total
Cross Section

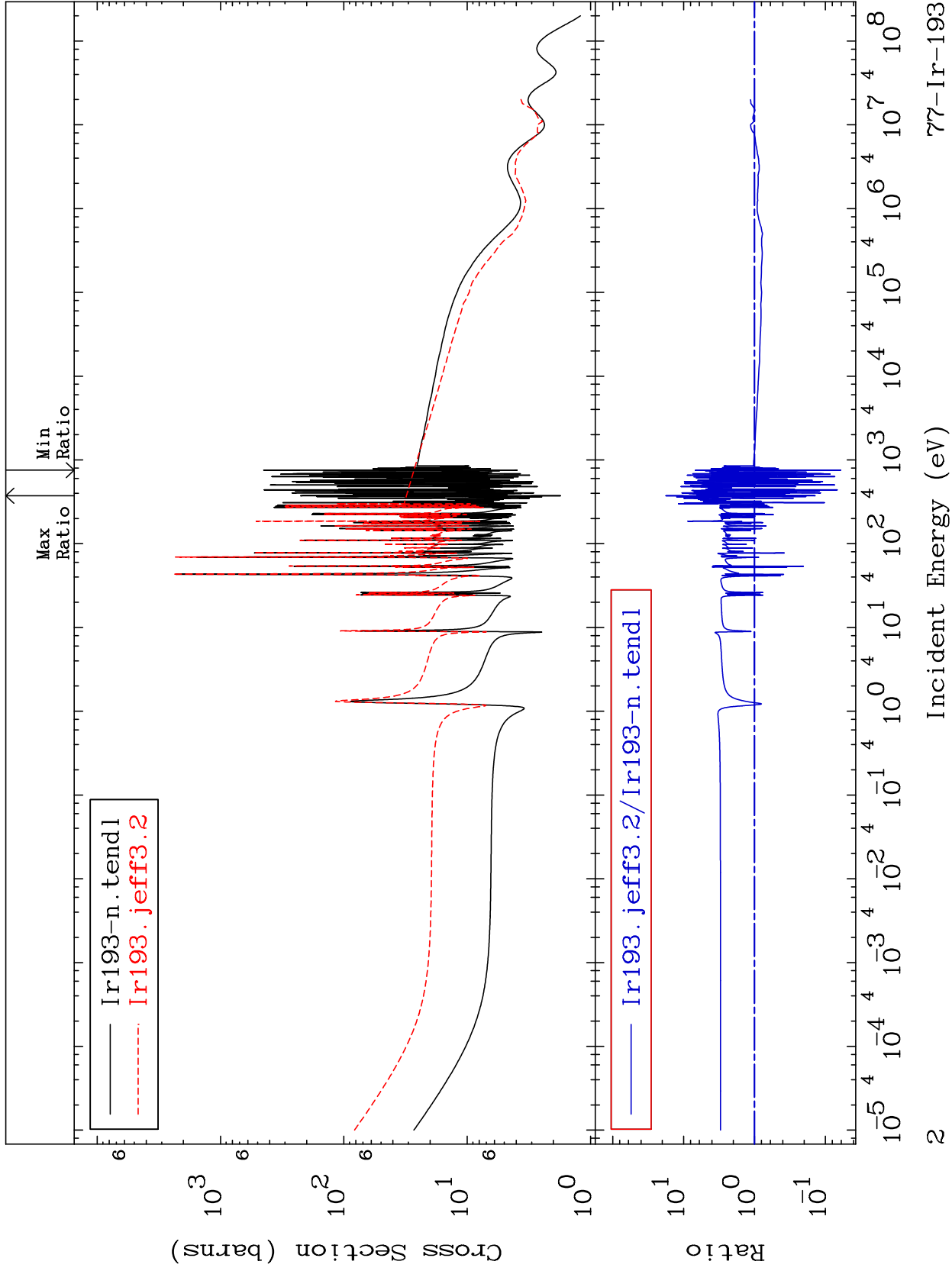
77-Ir-193
-93.32 To 2442. %



MAT 7731

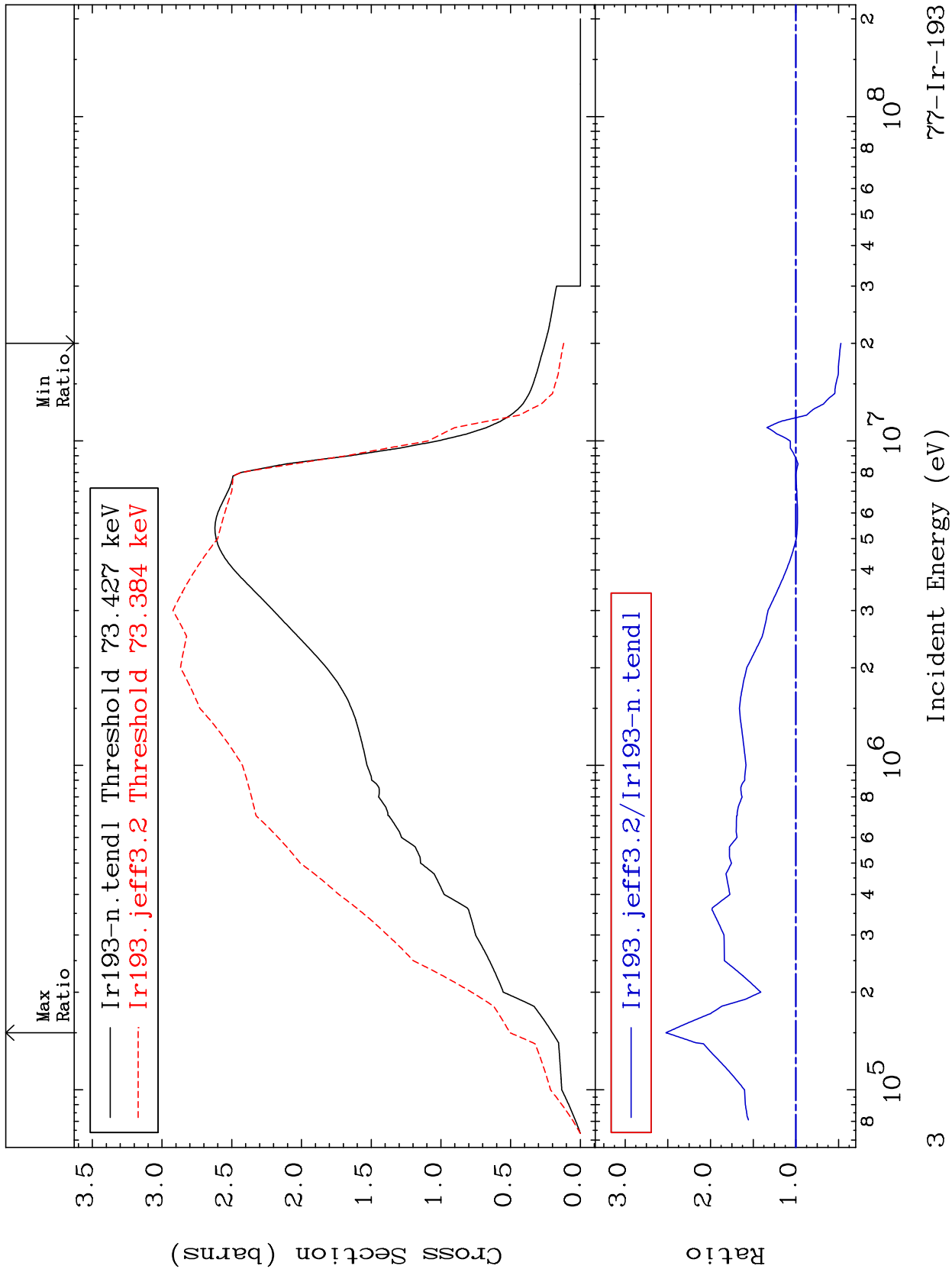
Elastic
Cross Section

77-Ir-193
-93.94 To 1678. %



77-Ir-193

MAT 7731 Inelastic 77-Ir-193
Cross Section -52.62 To 152.2 %

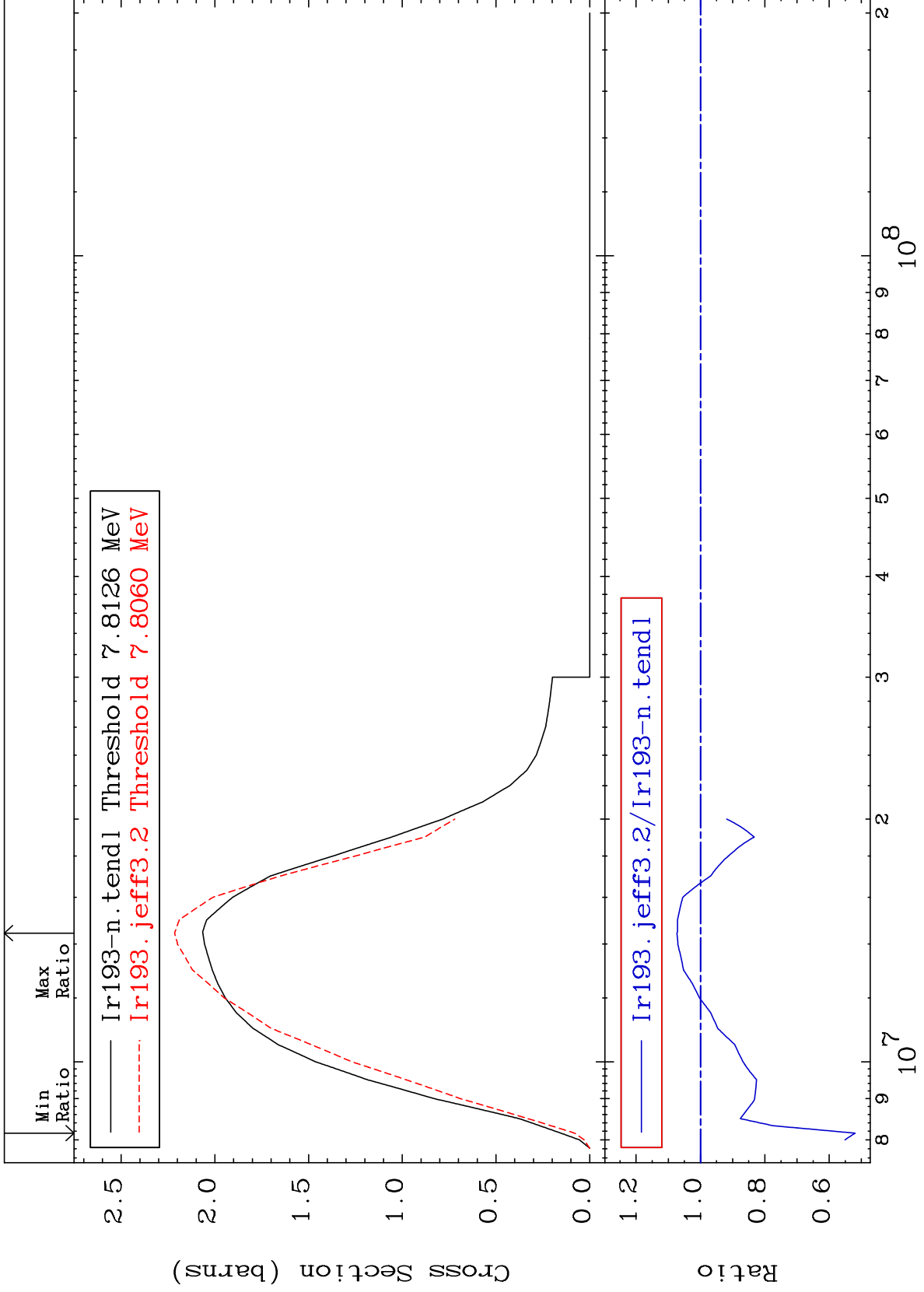


3 Incident Energy (eV) 77-Ir-193

MAT 7731

(n,2n)
Cross Section

77-Ir-193
-48.04 To 7.312 %



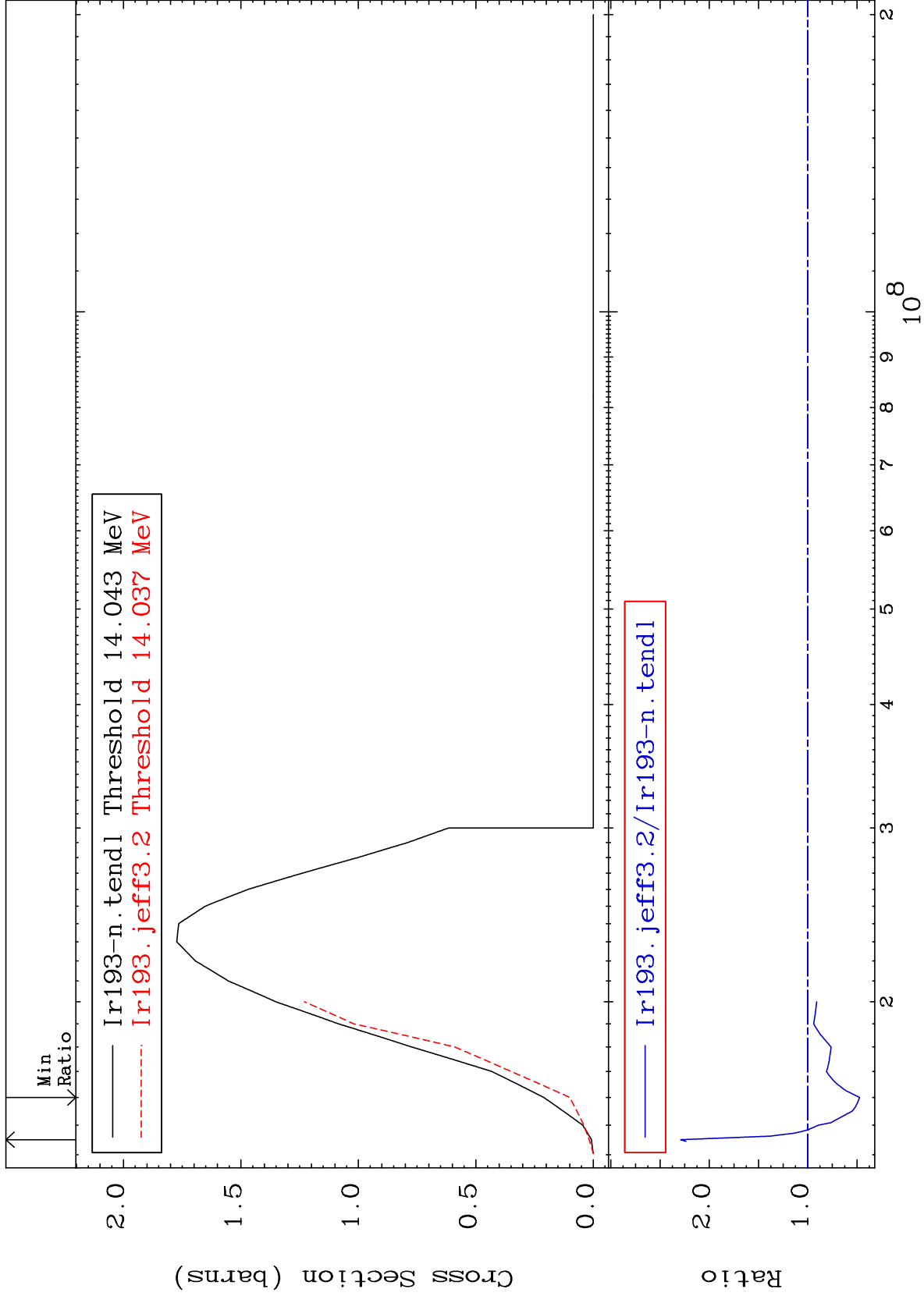
MAT 7731

(n,3n)

77-Ir-193

Cross Section

-52.60 To 129.0 %

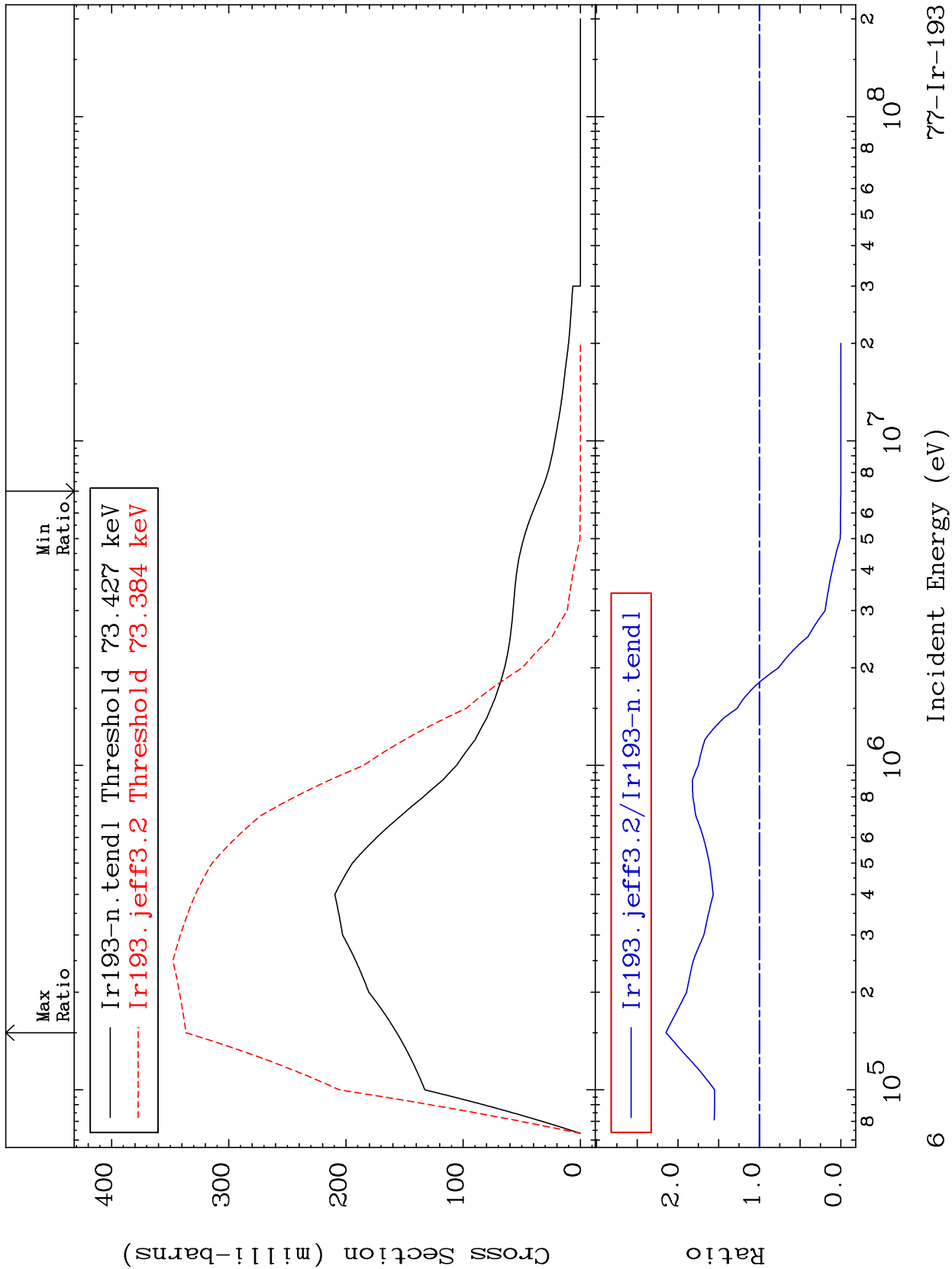


5

Incident Energy (eV)

77-Ir-193

MAT 7731 73.05 keV (n,n') Level 77-Ir-193
Cross Section -100.0 To 114.8 %



77-Ir-193

Incident Energy (eV)

6

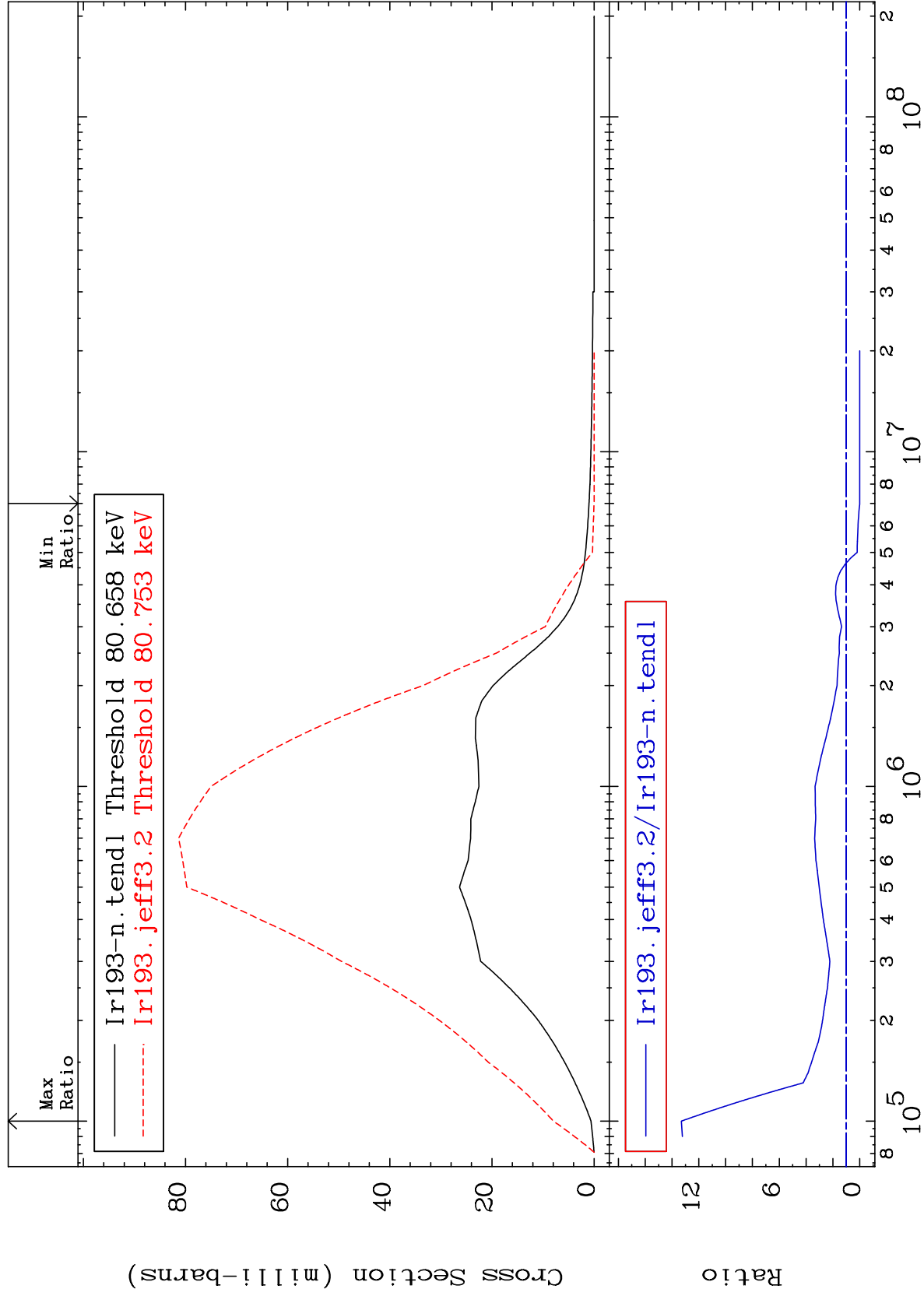
MAT 7731

80.24 keV (n,n') Level

⁷⁷Ir-¹⁹³

-100.0 To 1230. %

Cross Section



7

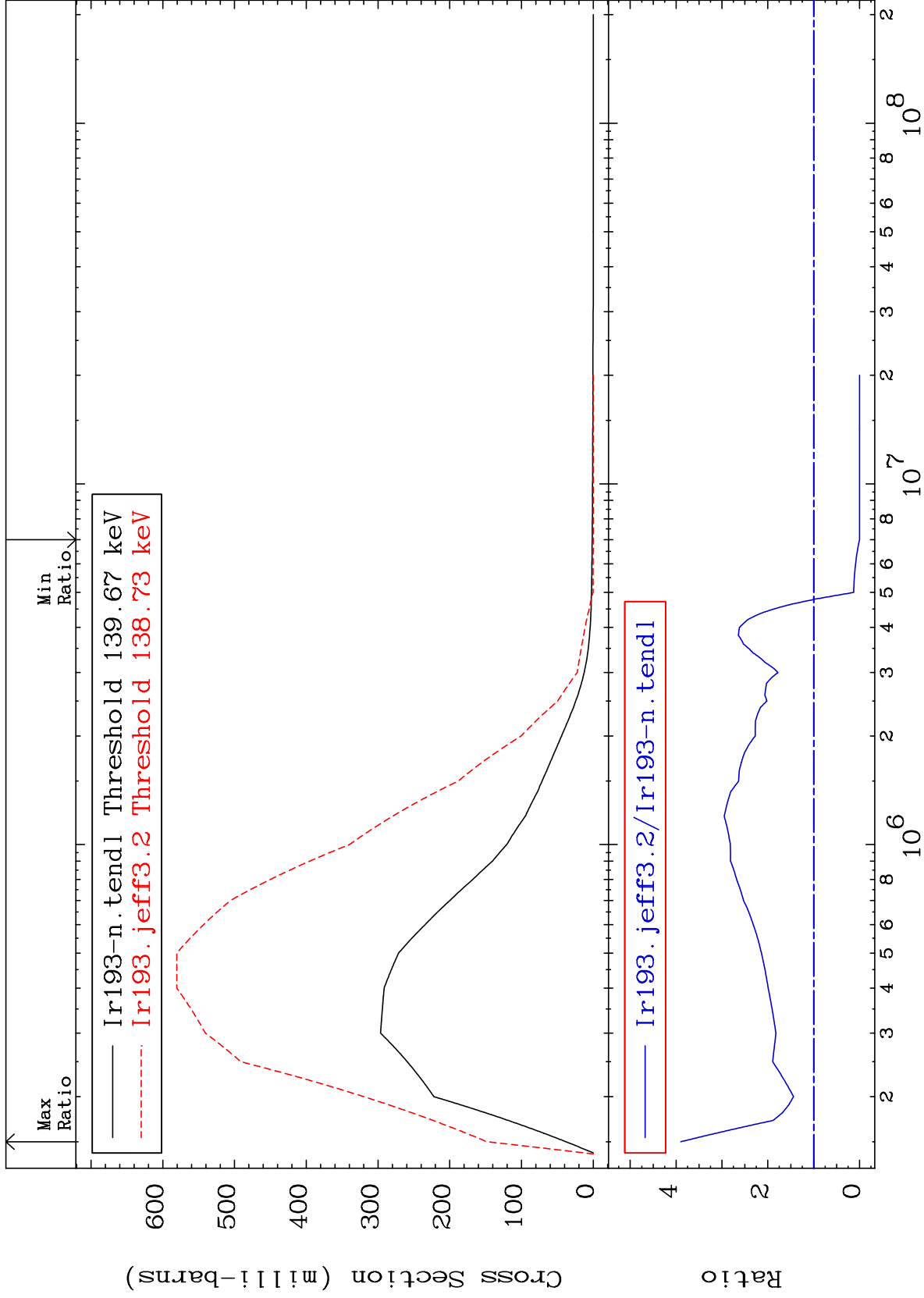
Incident Energy (eV)

⁷⁷Ir-¹⁹³

MAT 7731

138.9 keV (n,n') Level
Cross Section

⁷⁷Ir-¹⁹³
-100.0 To 289.8 %



8

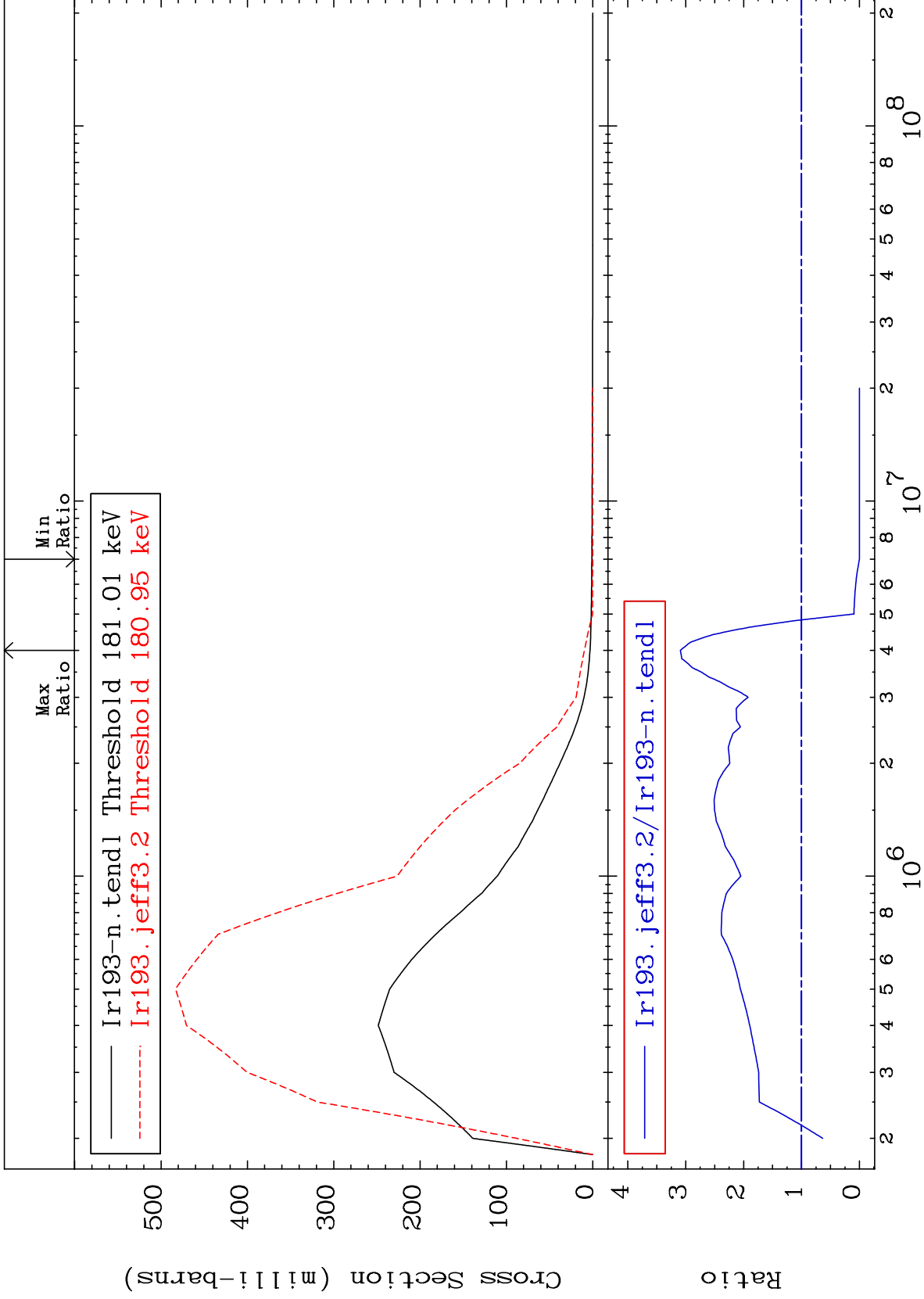
Incident Energy (eV)

⁷⁷Ir-¹⁹³

MAT 7731

180.1 keV (n,n') Level
Cross Section

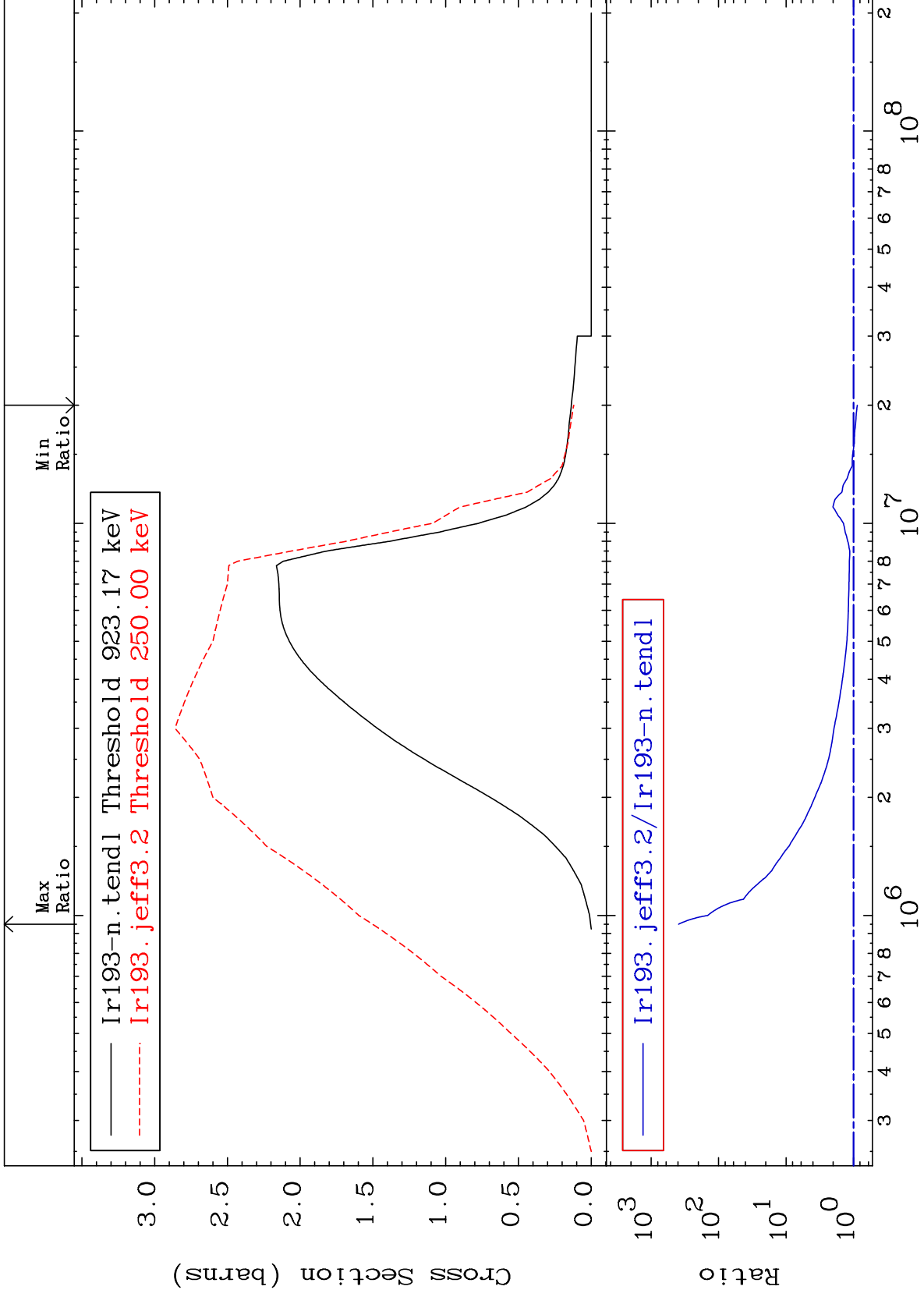
⁷⁷Ir-¹⁹³Ir
-100.0 To 209.3 %



MAT 7731

(n, n') Continuum
Cross Section

77-Ir-193
-12.11 To 9999. %



10

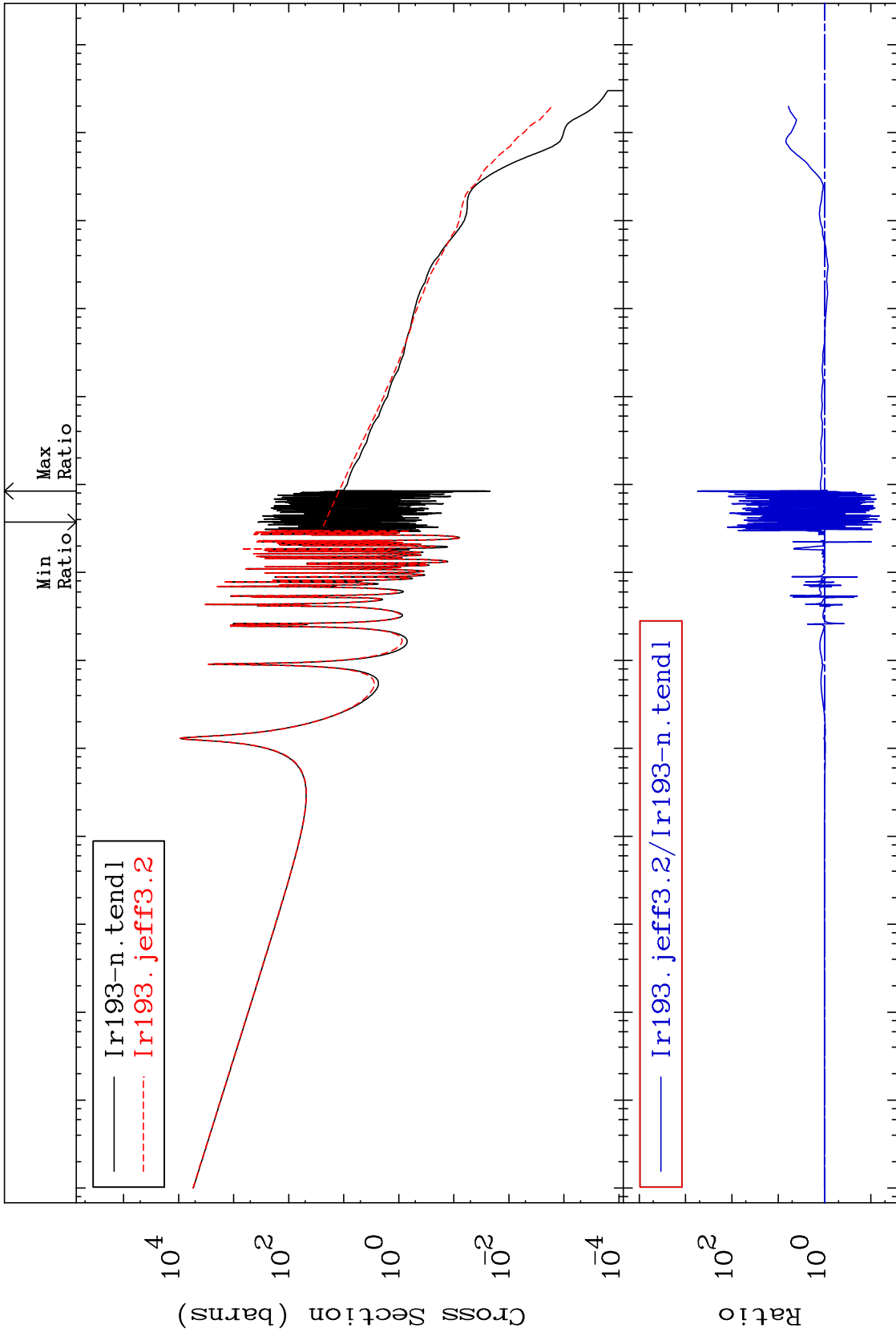
Incident Energy (eV)

77-Ir-193

MAT 7731

(n, γ)
Cross Section

77-Ir-193
-93.98 To 9999. %



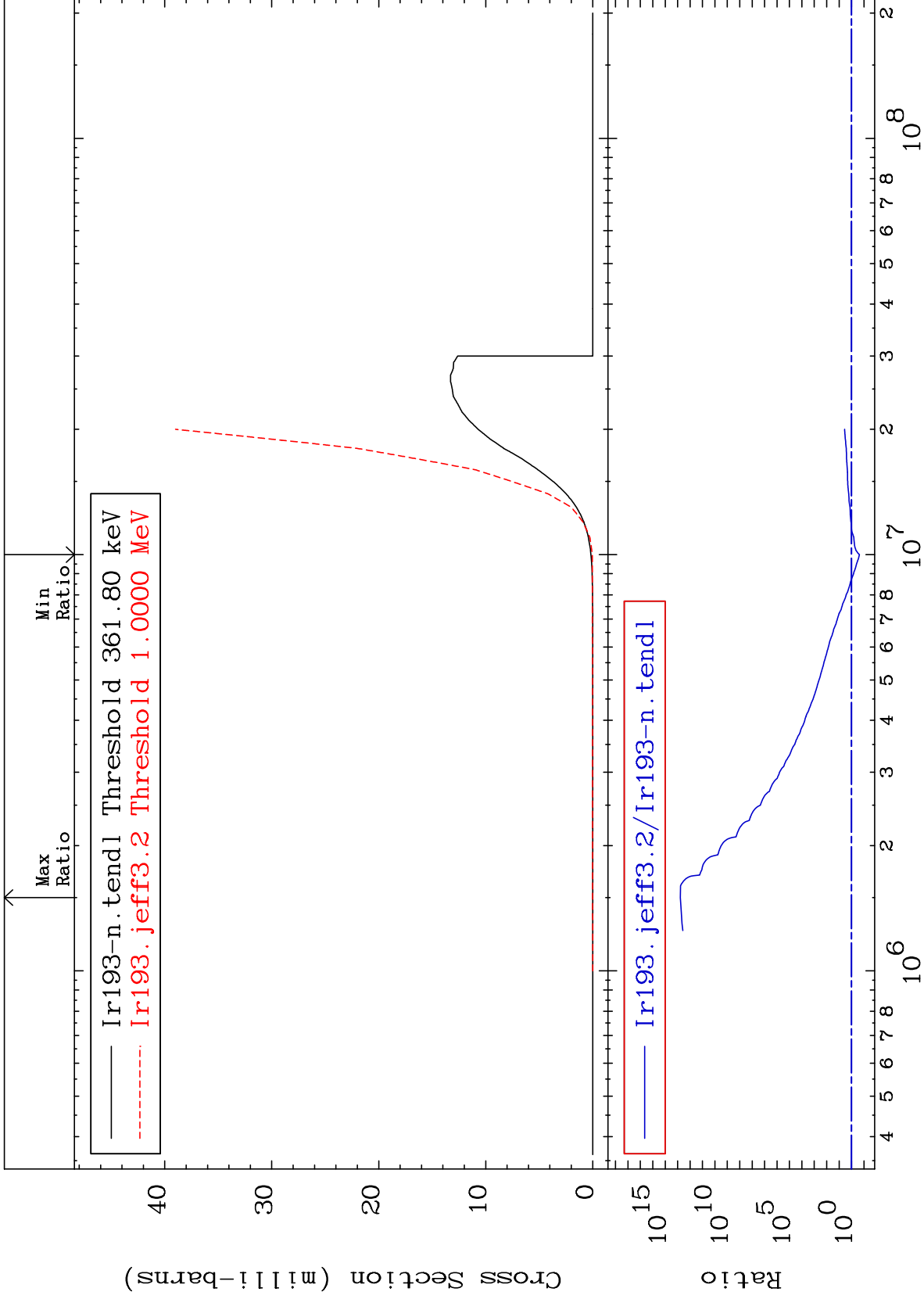
MAT 7731

(n,p)

⁷⁷Ir-193

Cross Section

-76.90 To 9999. %



12

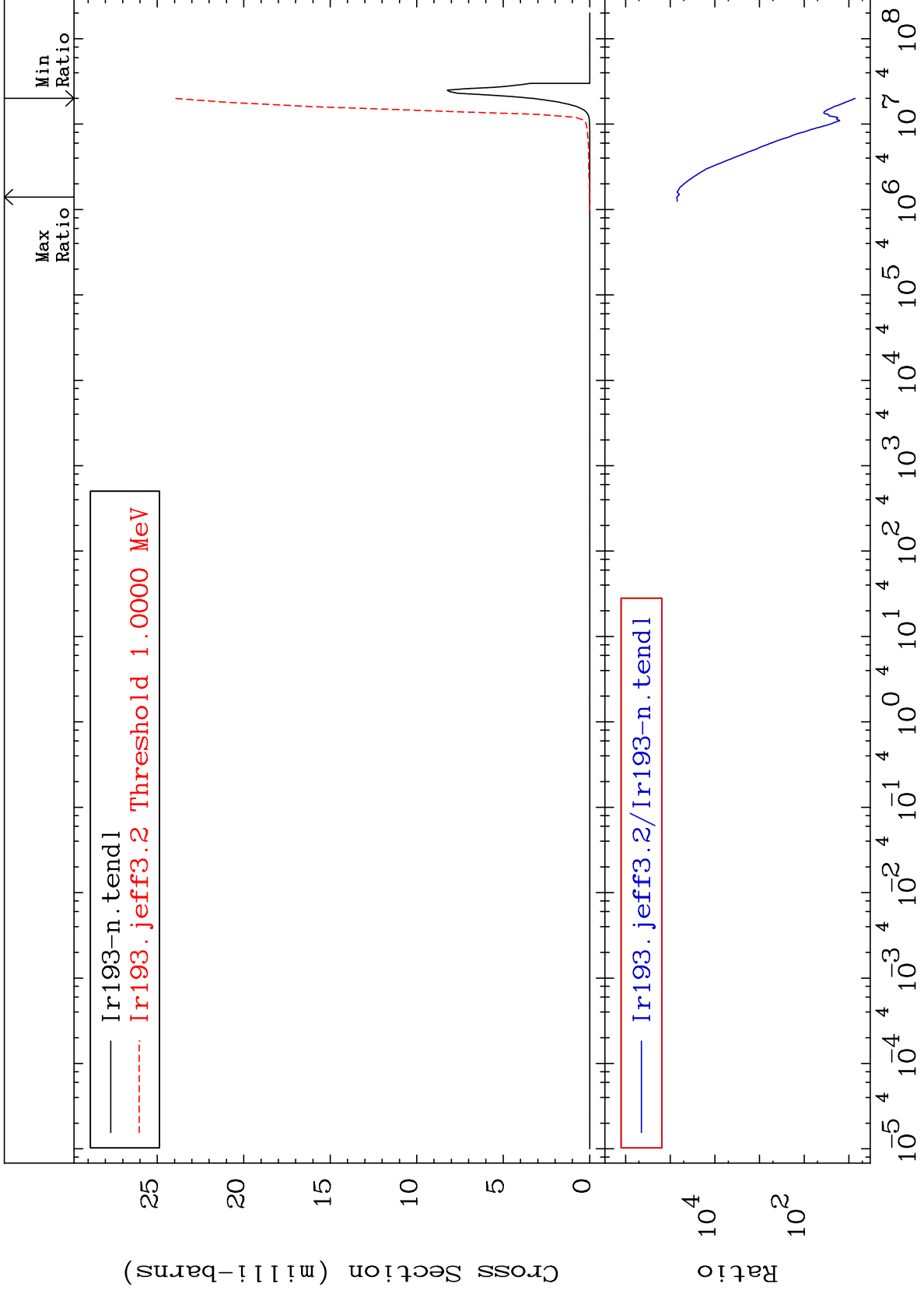
Incident Energy (eV)

⁷⁷Ir-193

MAT 7731

(n, α)
Cross Section

77-Ir-193
624.7 To 9999. %



13

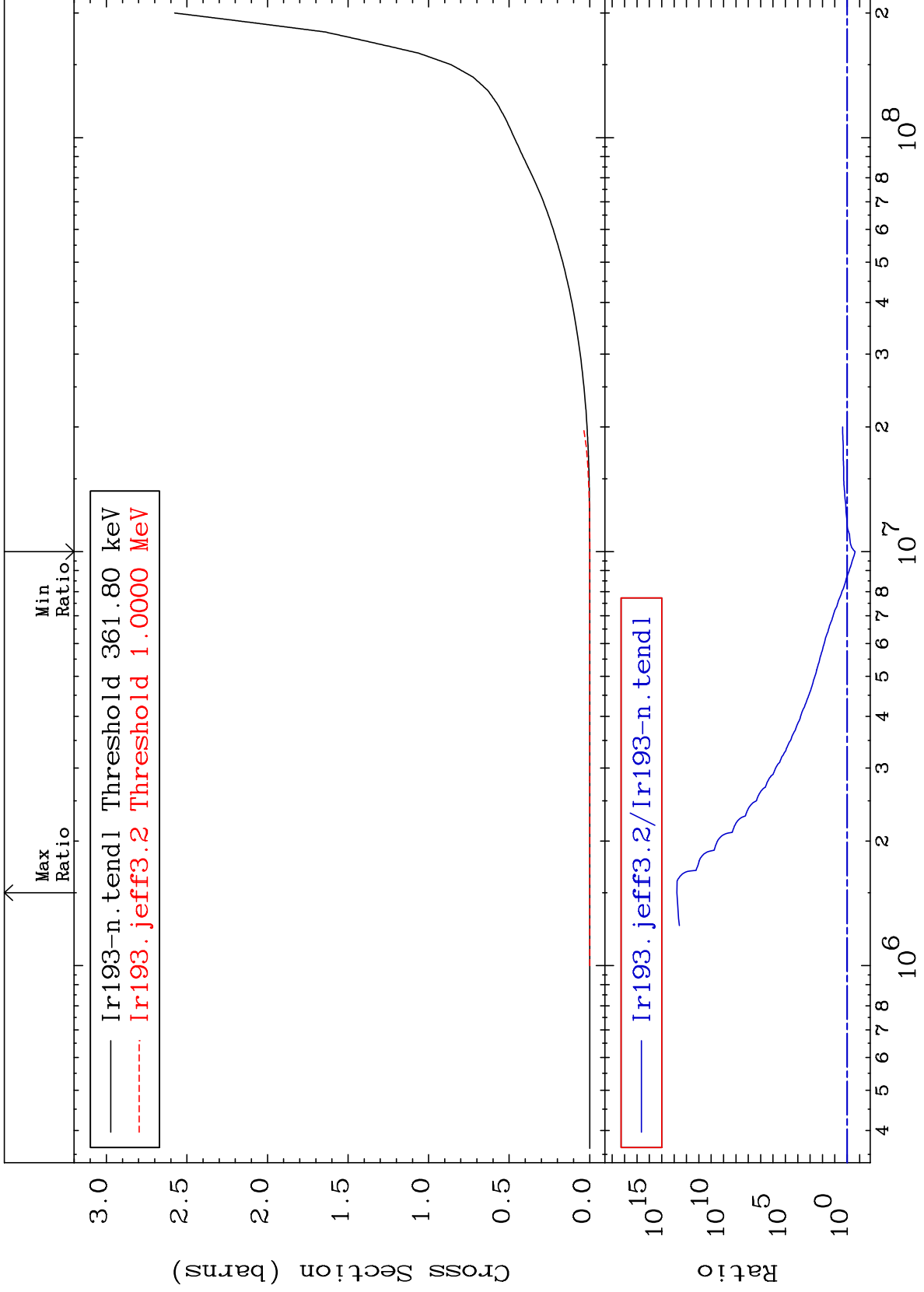
Incident Energy (eV)

77-Ir-193

MAT 7731

Hydrogen Production
Cross Section

⁷⁷Ir-¹⁹³
-76.90 To 9999. %



14

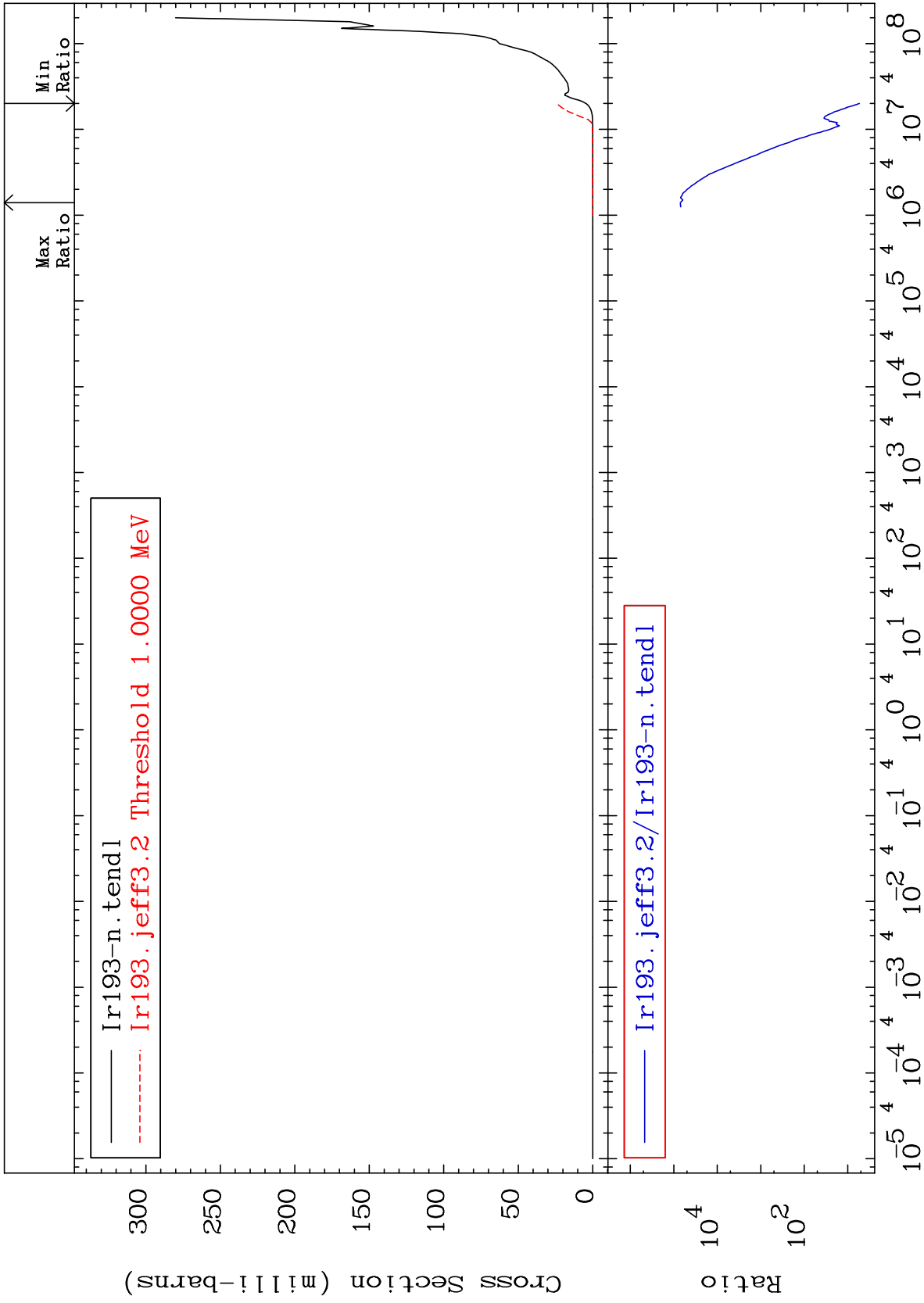
Incident Energy (eV)

⁷⁷Ir-¹⁹³

MAT 7731

He-4 Production
Cross Section

77-Ir-193
438.2 To 9999. %



15

Incident Energy (eV)

77-Ir-193

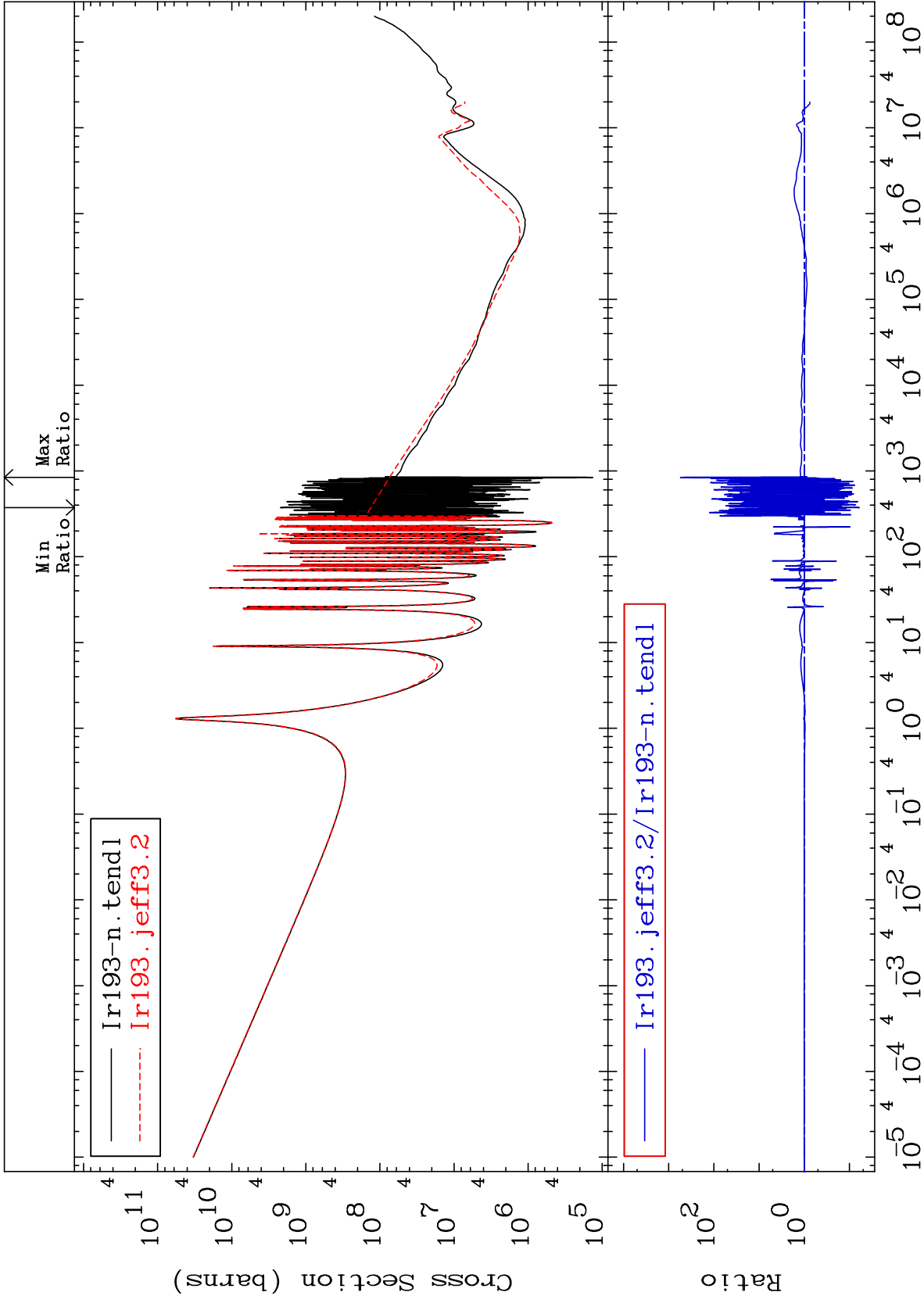
MAT 7731

Kerma total (eV-barns)

77-Ir-193

Cross Section

-93.98 To 9999. %



16

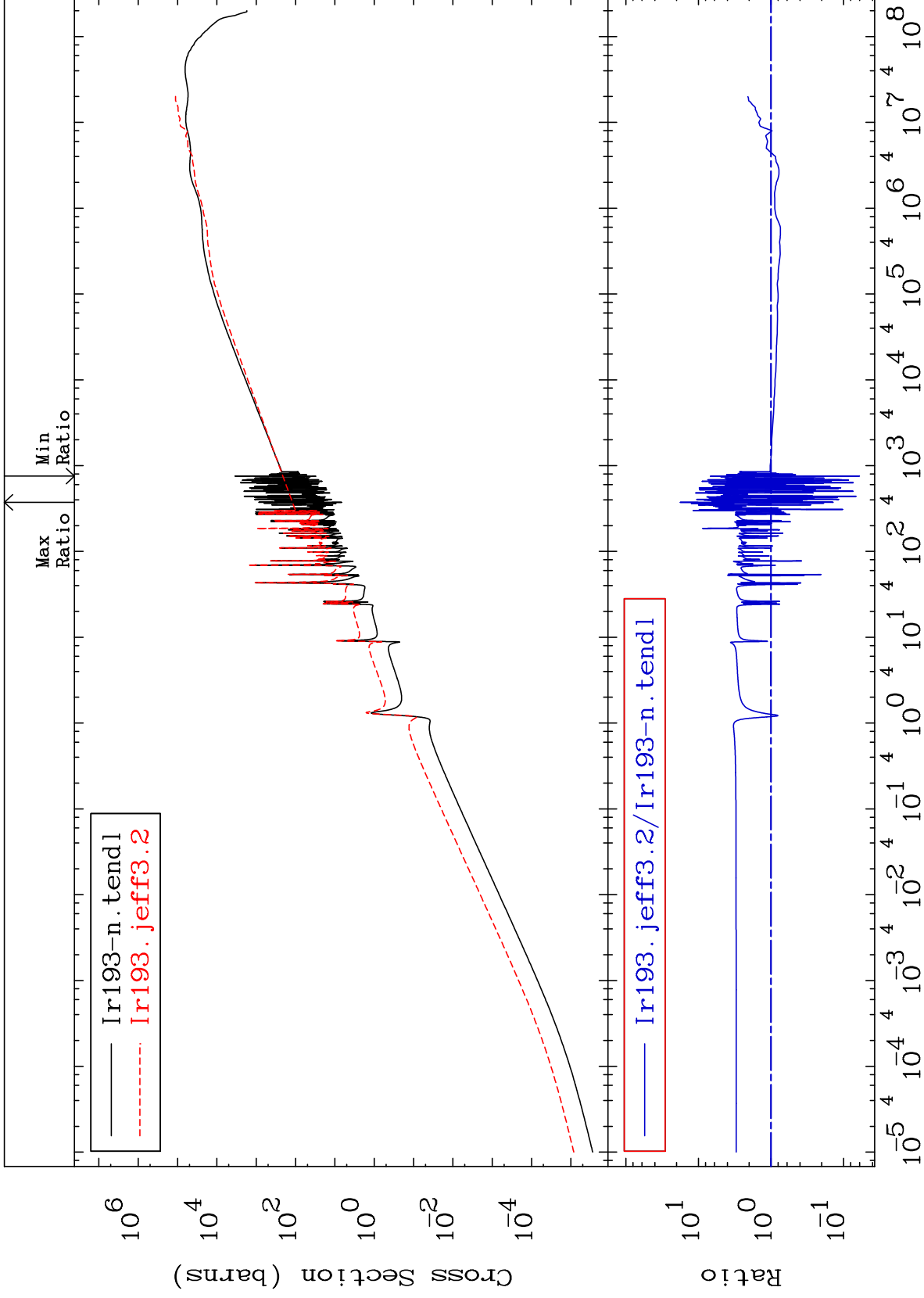
Incident Energy (eV)

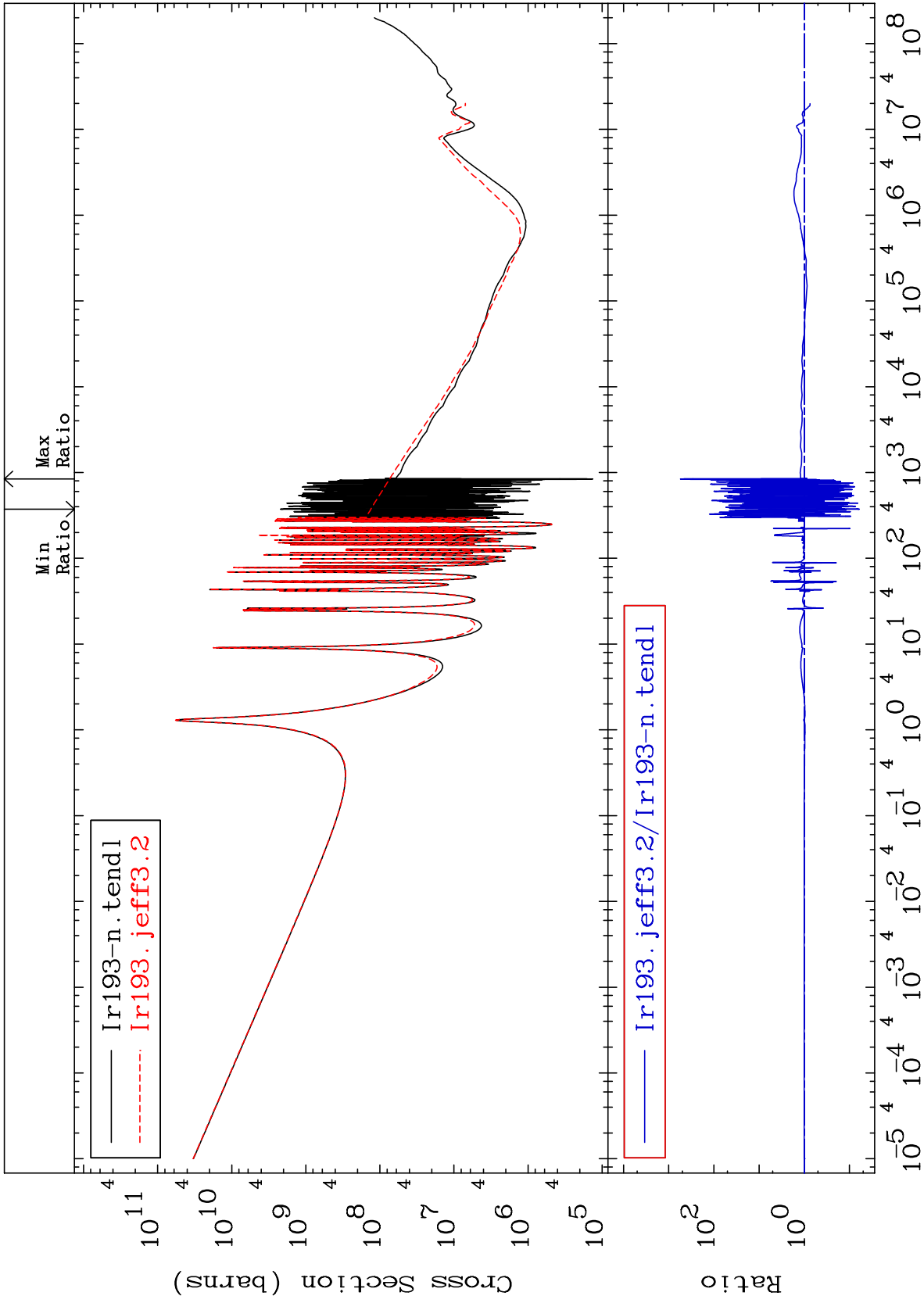
77-Ir-193

MAT 7731

Kerma elastic
Cross Section

⁷⁷Ir-¹⁹³
-93.94 To 1677. %

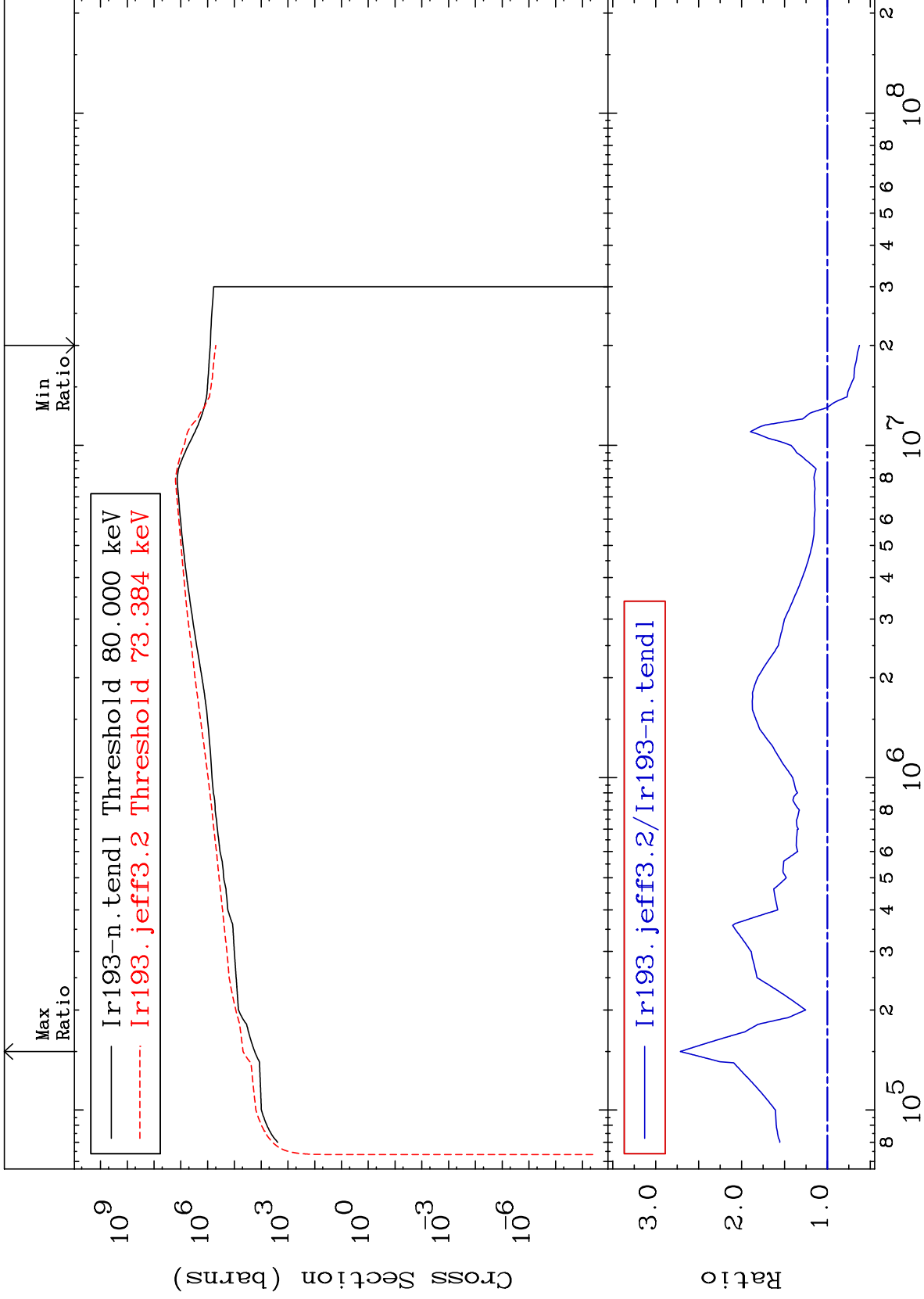




MAT 7731

Kerma inelastic (mt51-91)
Cross Section

77-Ir-193
-37.29 To 171.3 %



19

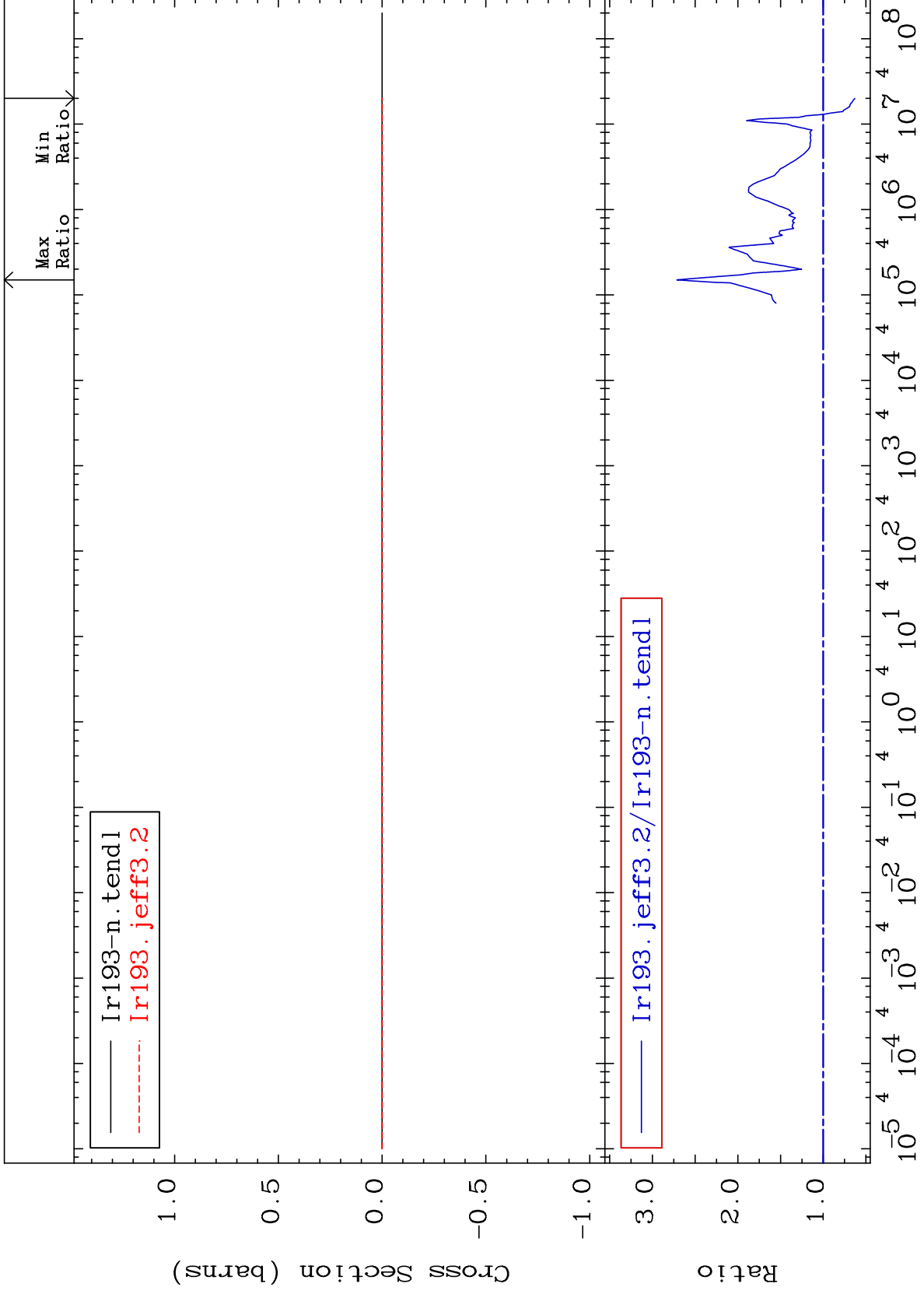
Incident Energy (eV)

77-Ir-193

MAT 7731

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

77-Ir-193
-37.29 To 171.3 %



20

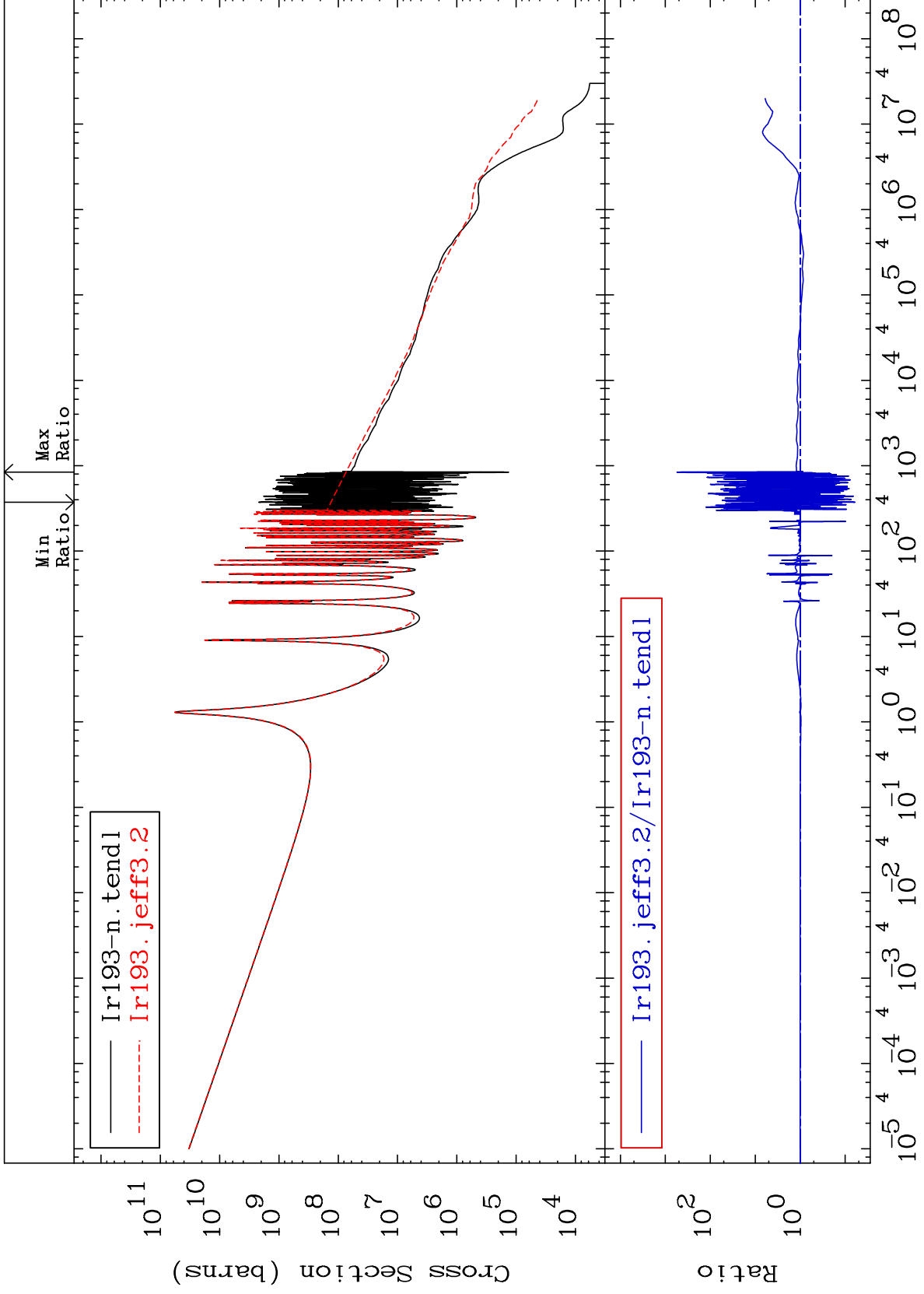
Incident Energy (eV)

77-Ir-193

MAT 7731

Kerma capture (mt102)
Cross Section

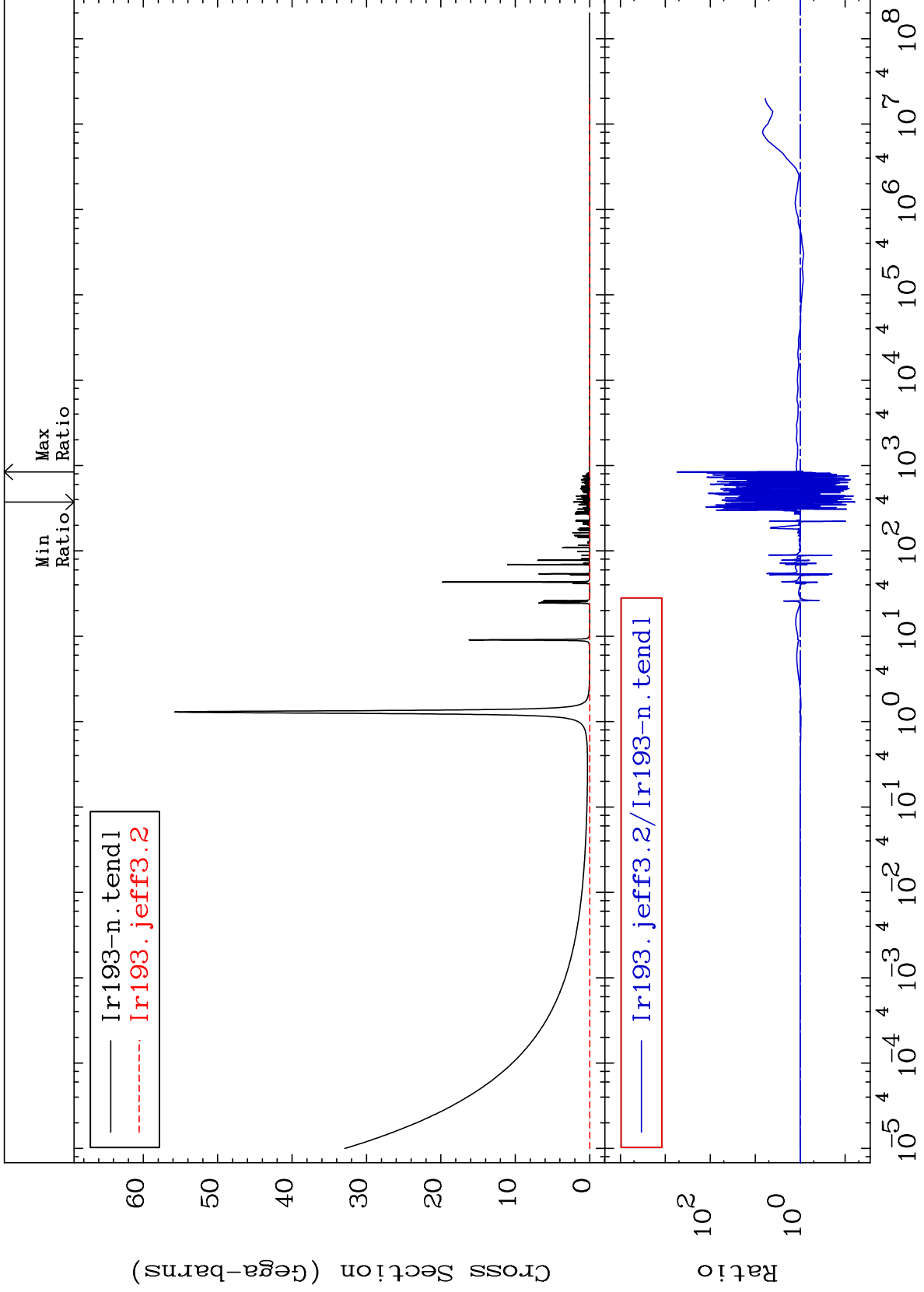
77-Ir-193
-93.98 To 9999. %



MAT 7731

Total photon (eV-barns)
Cross Section

77-Ir-193
-93.98 To 9999. %



22

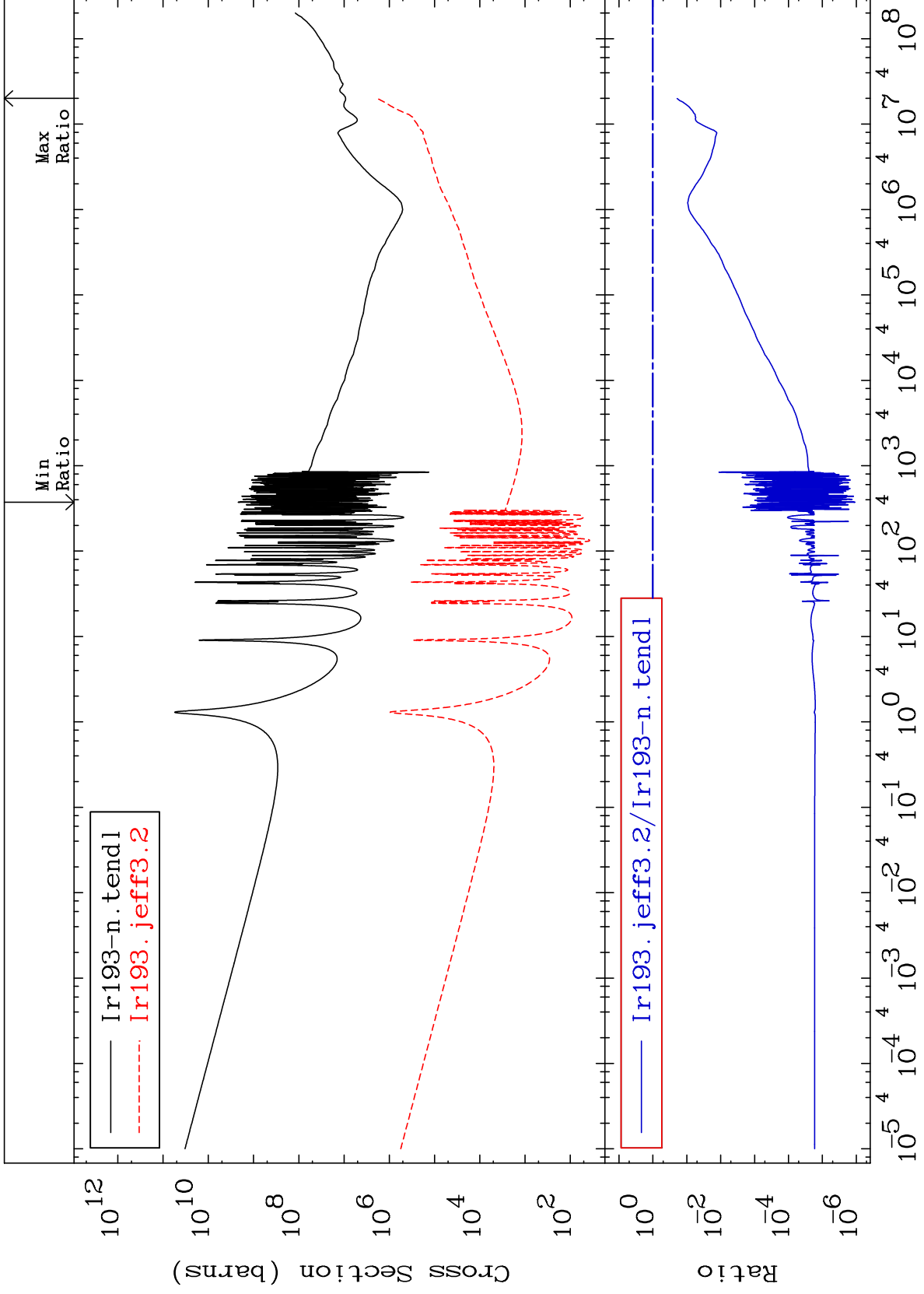
Incident Energy (eV)

77-Ir-193

MAT 7731

Total kinematic kerma (high limit)
Cross Section

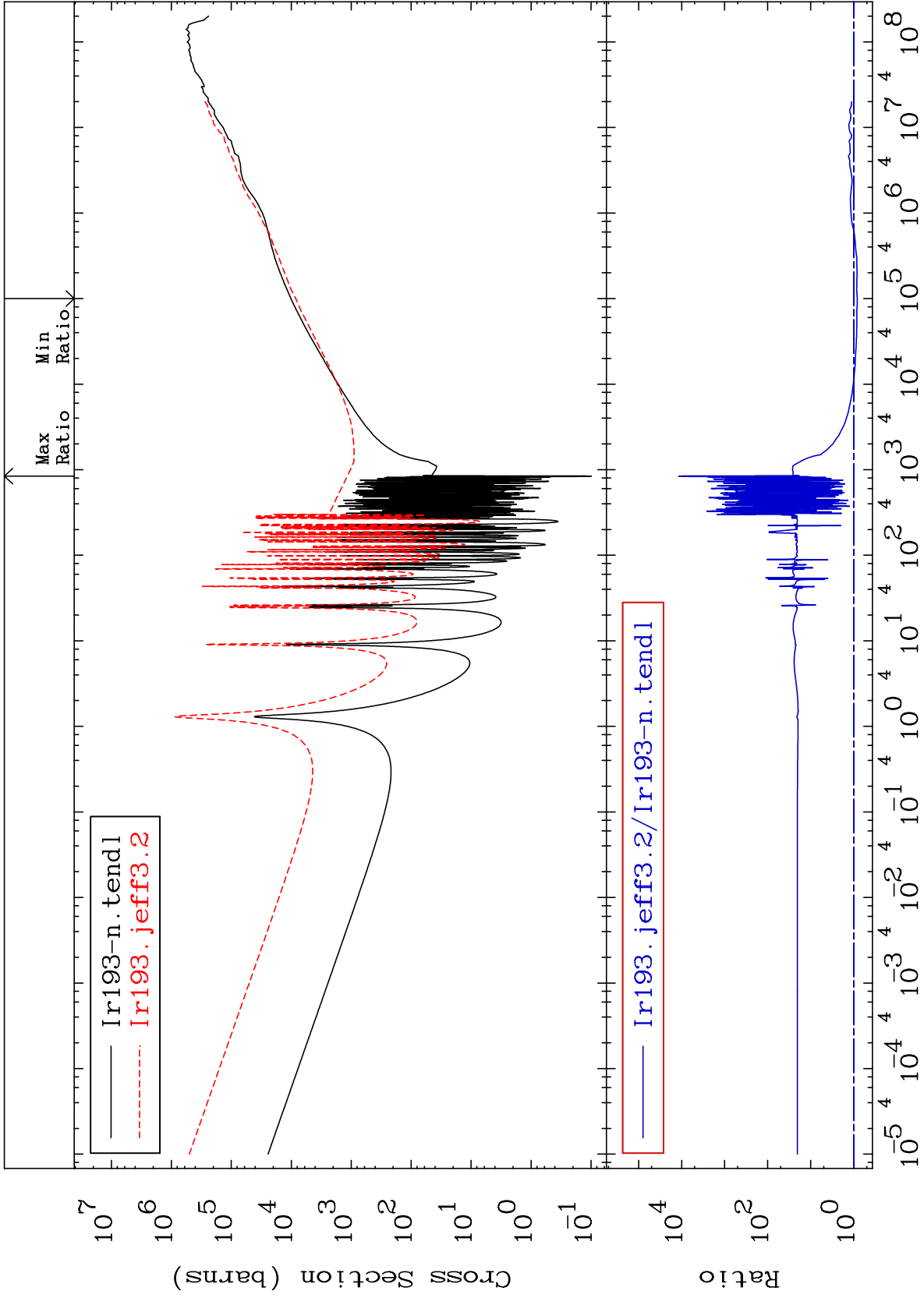
77-Ir-193
-100.0 To -80.46%



MAT 7731

Dpa total (eV-barns)
Cross Section

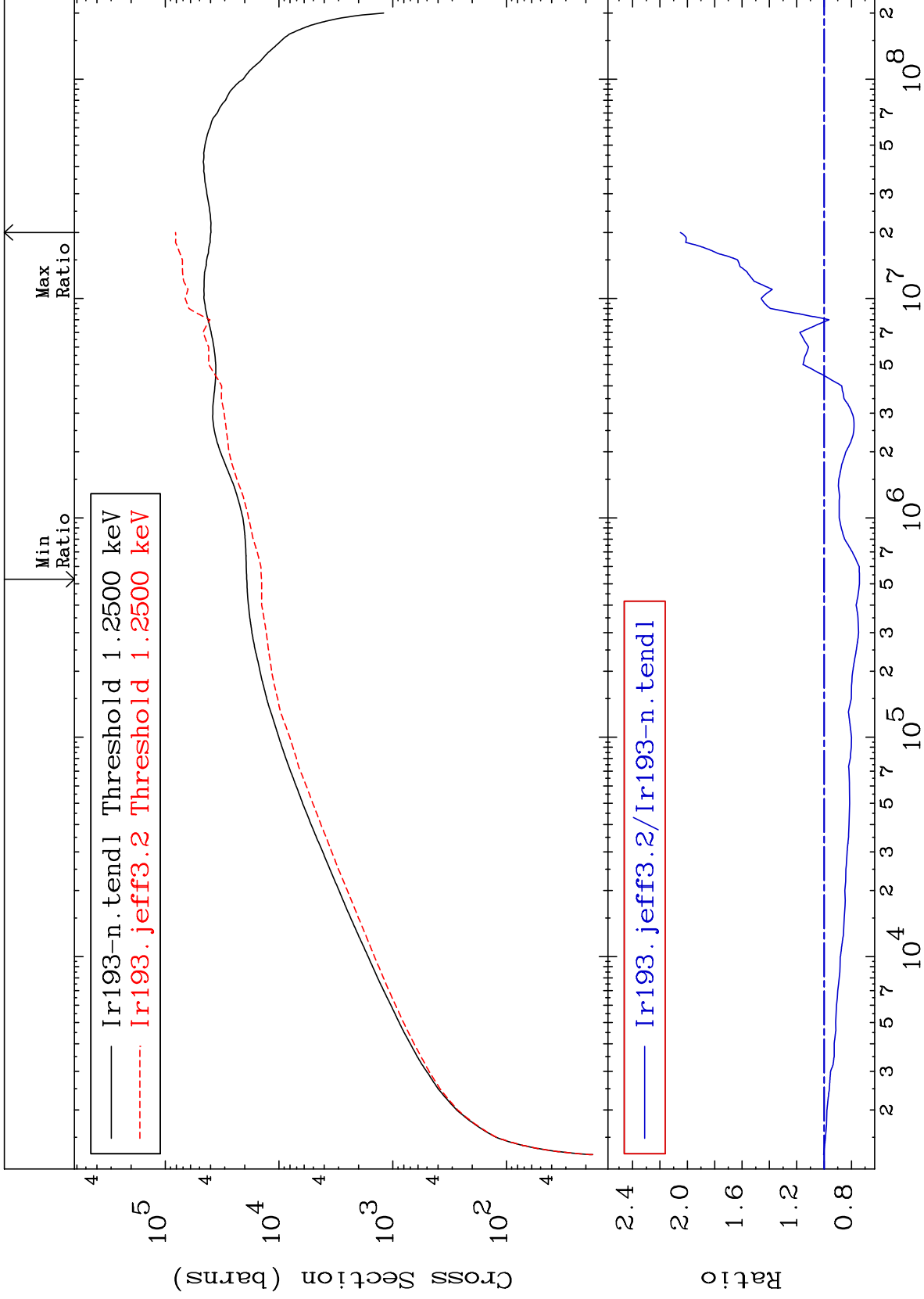
77-Ir-193
-16.91 To 9999. %



MAT 7731

Dpa elastic (mt2)
Cross Section

77-Ir-193
-25.82 To 105.1 %



MAT 7731

Dpa inelastic (mt51-91)
Cross Section

77-Ir-193
17.40 To 145.0 %

