

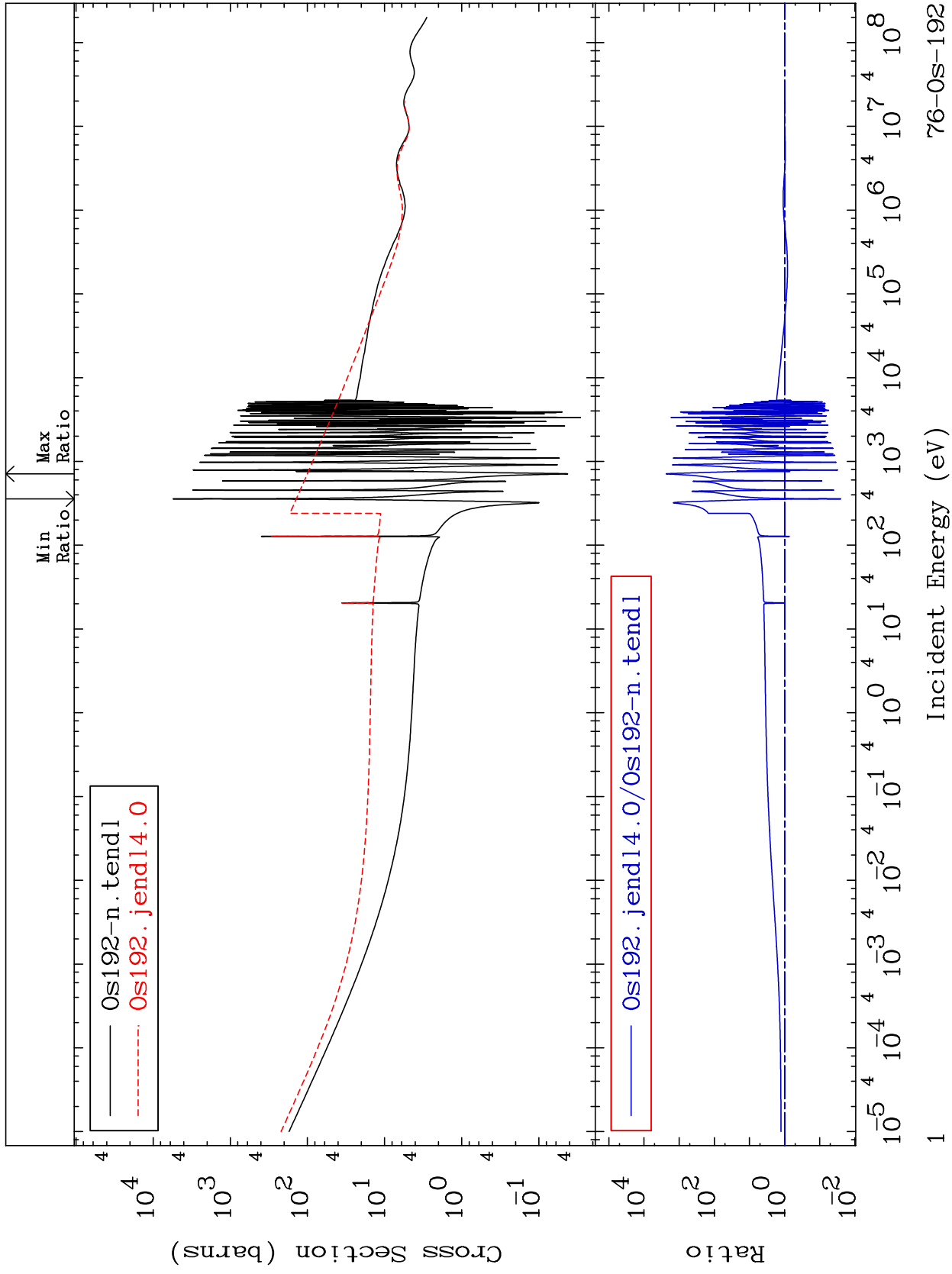
MAT 7649

Total

76-0s-192

Cross Section

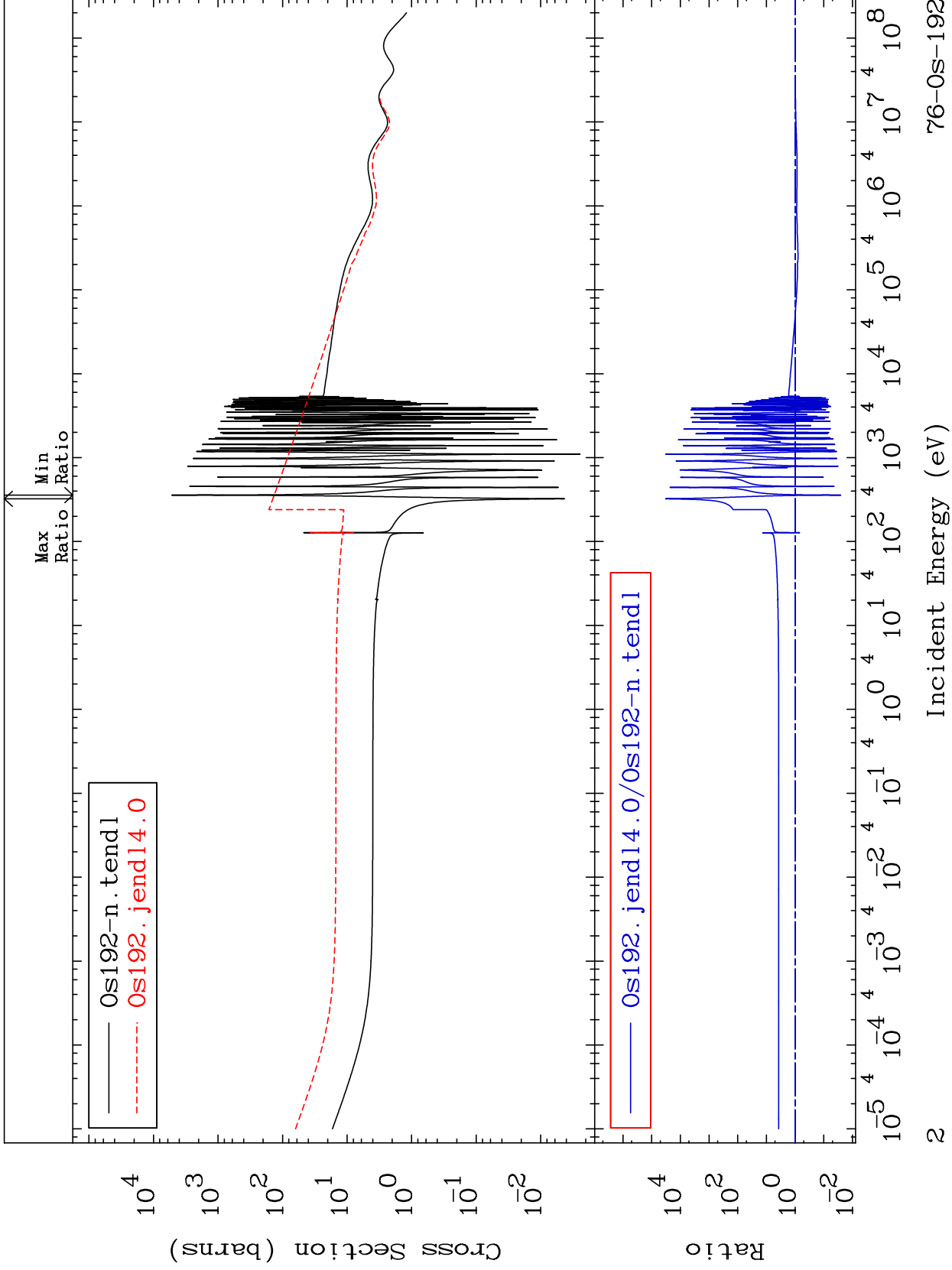
-97.49 To 9999. %



MAT 7649

Elastic
Cross Section

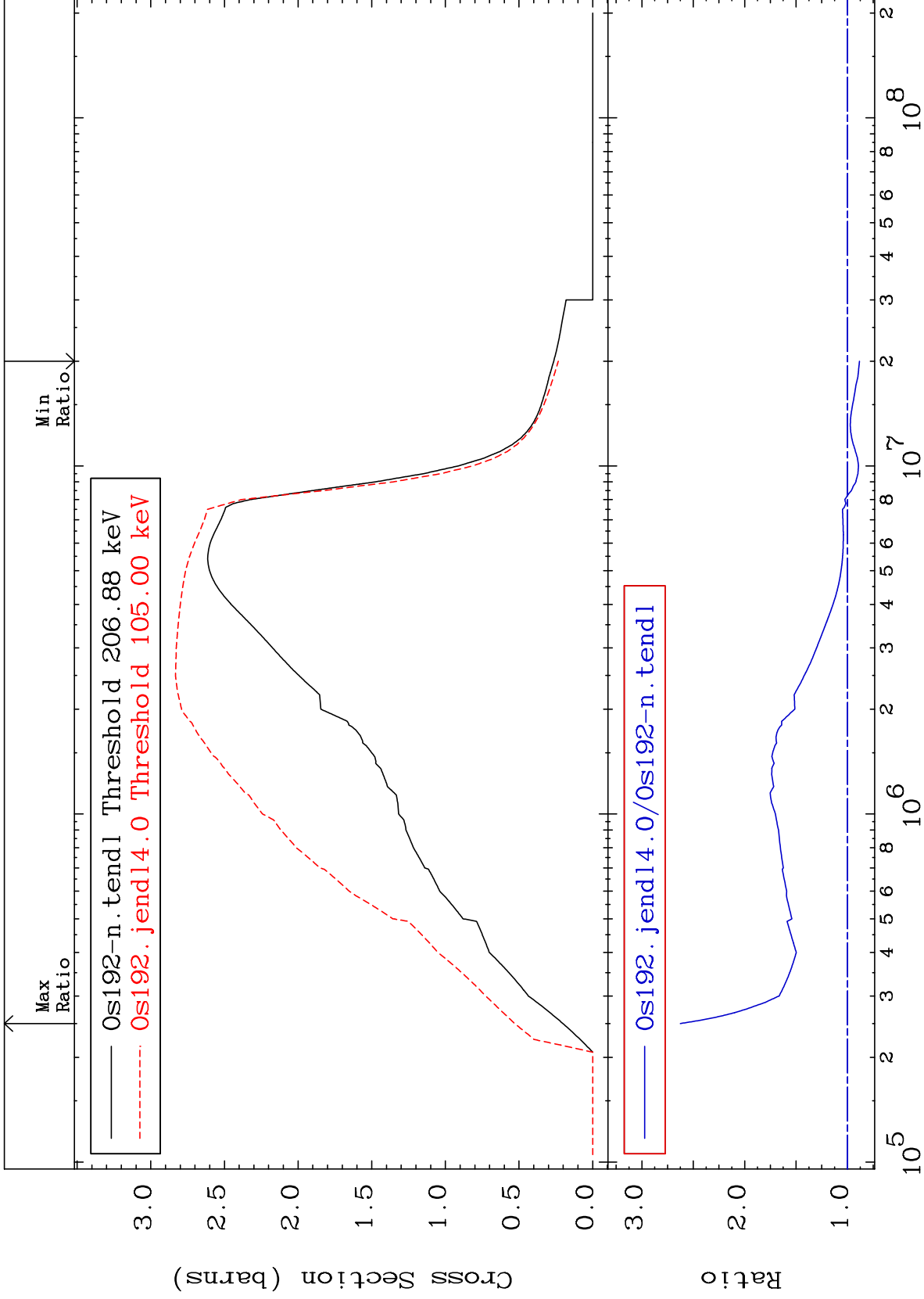
76-0s-192
-97.42 To 9999. %



MAT 7649

Inelastic
Cross Section

76-0s-192
-11.64 To 162.5 %



76-0s-192

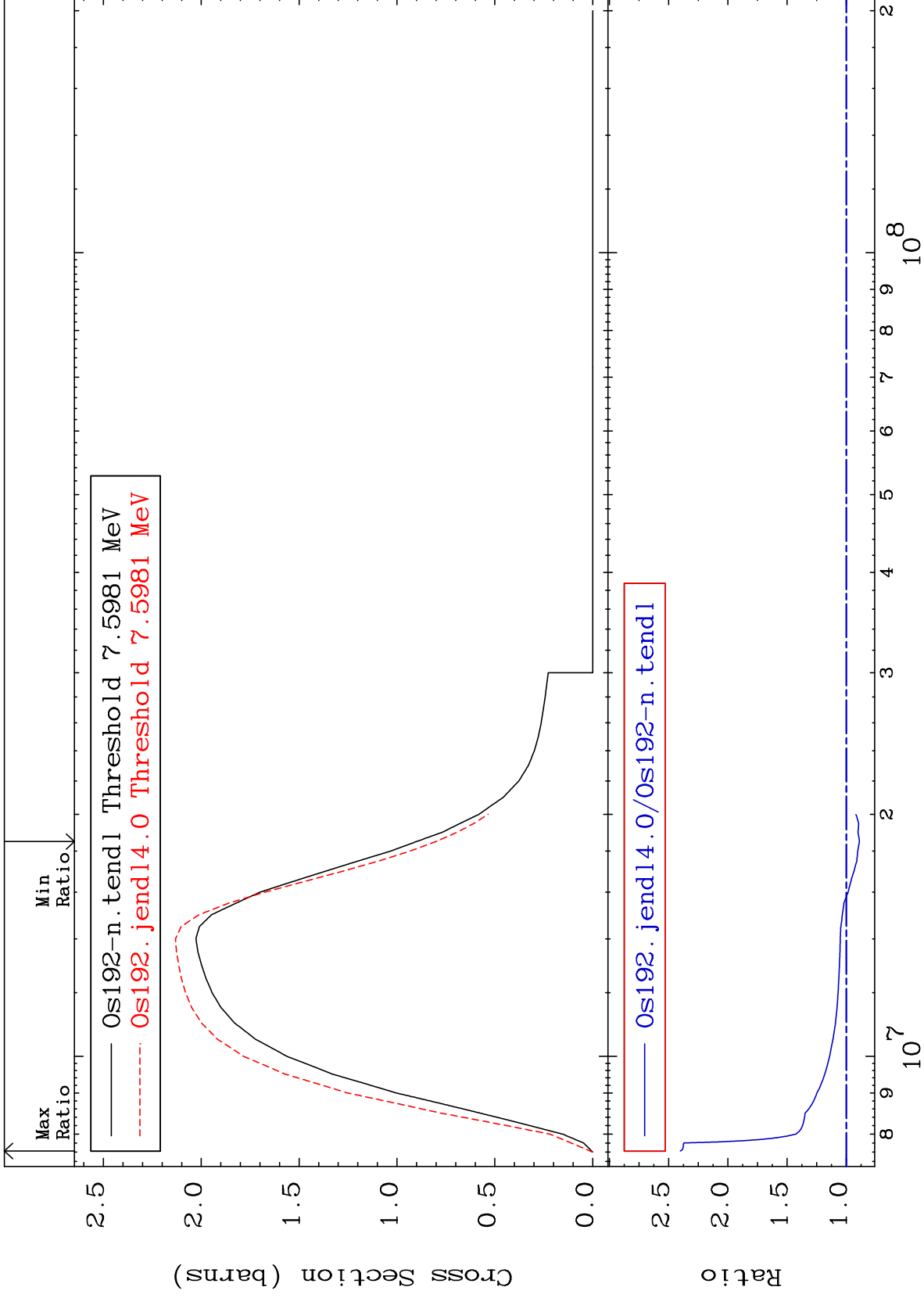
MAT 7649

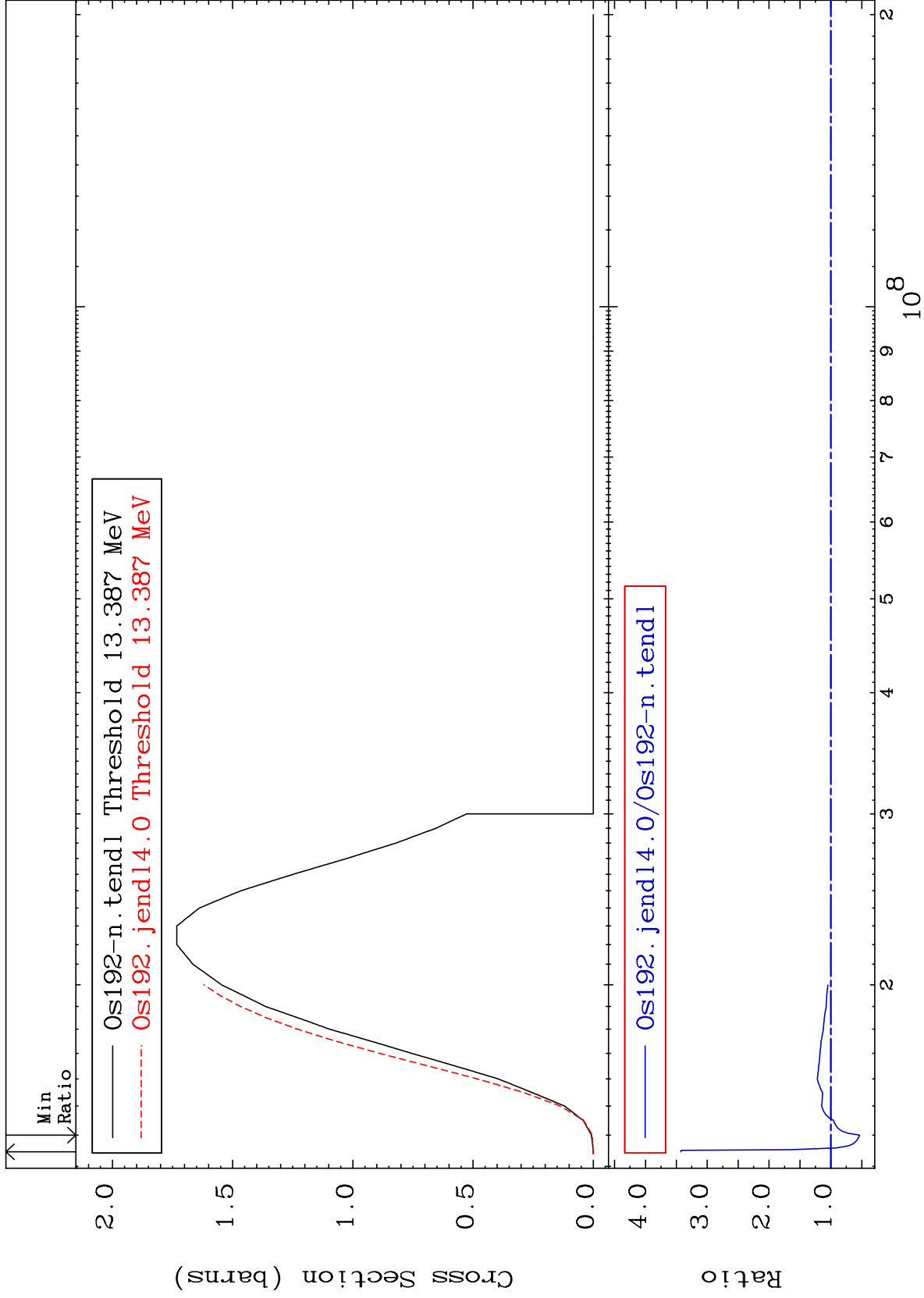
(n,2n)

76-0s-192

Cross Section

-11.04 To 140.1 %

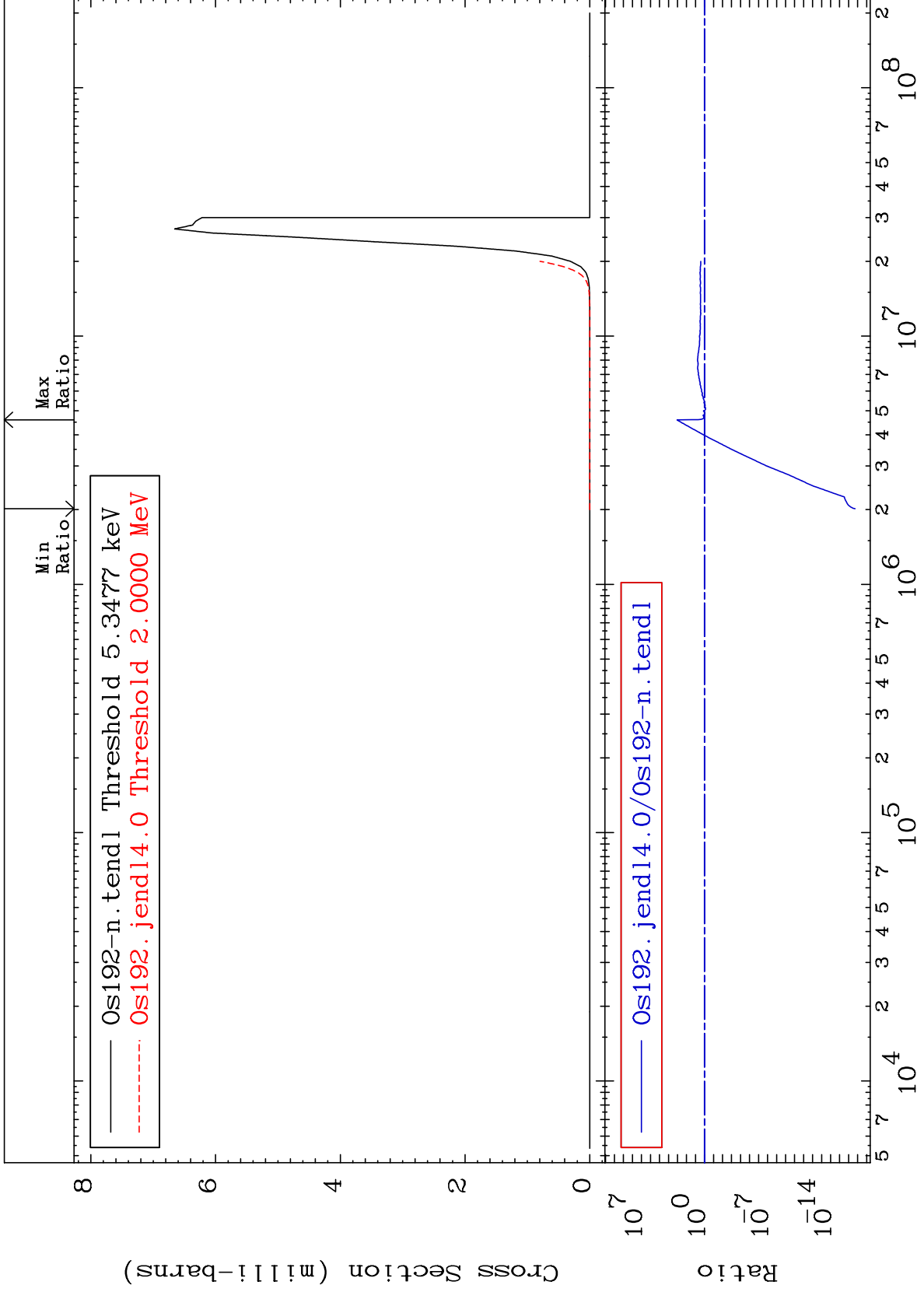




MAT 7649

(n, n') α
Cross Section

76-0s-192
-100.0 To 9999. %



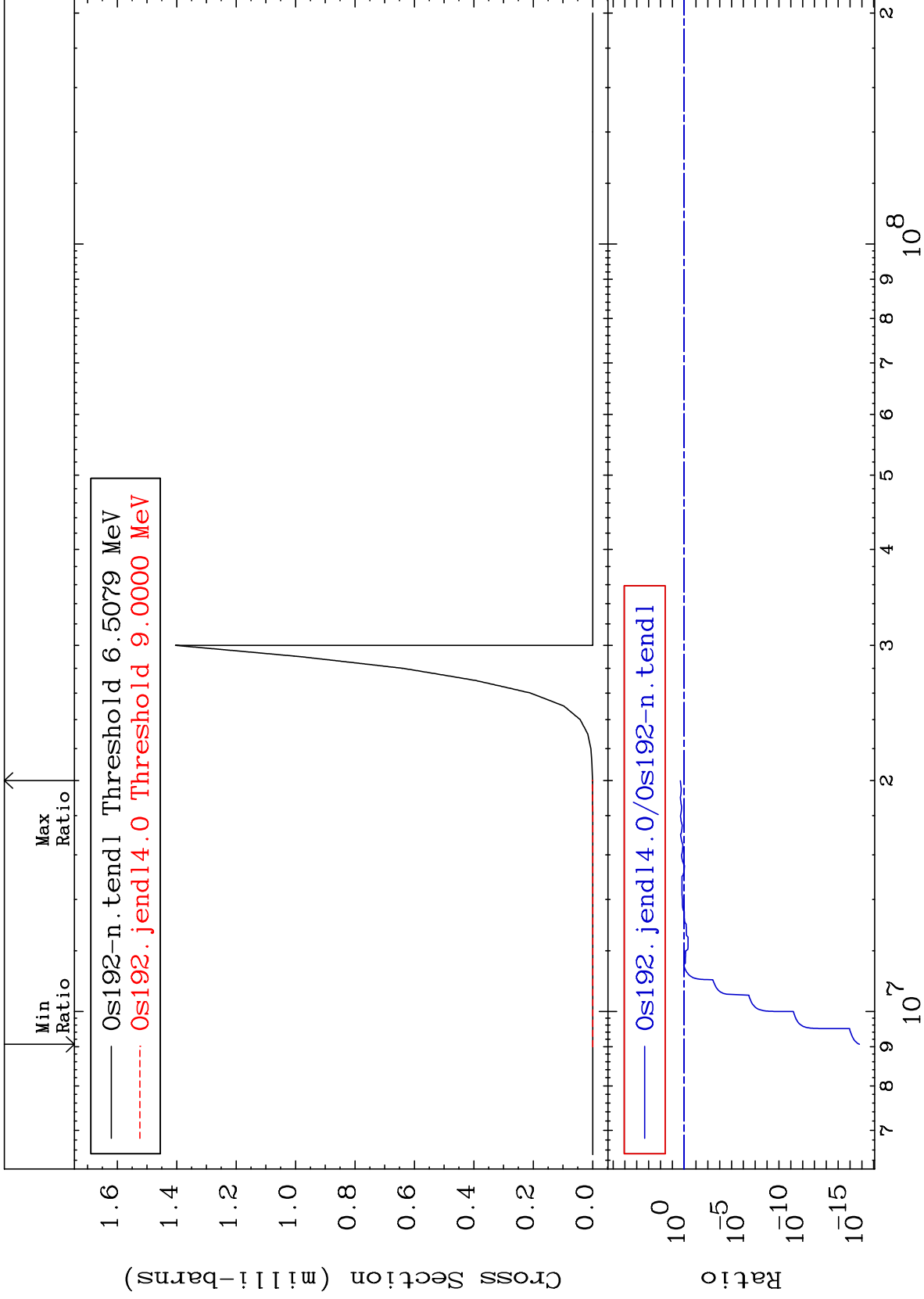
MAT 7649

(n,2n) α

76-0s-192

Cross Section

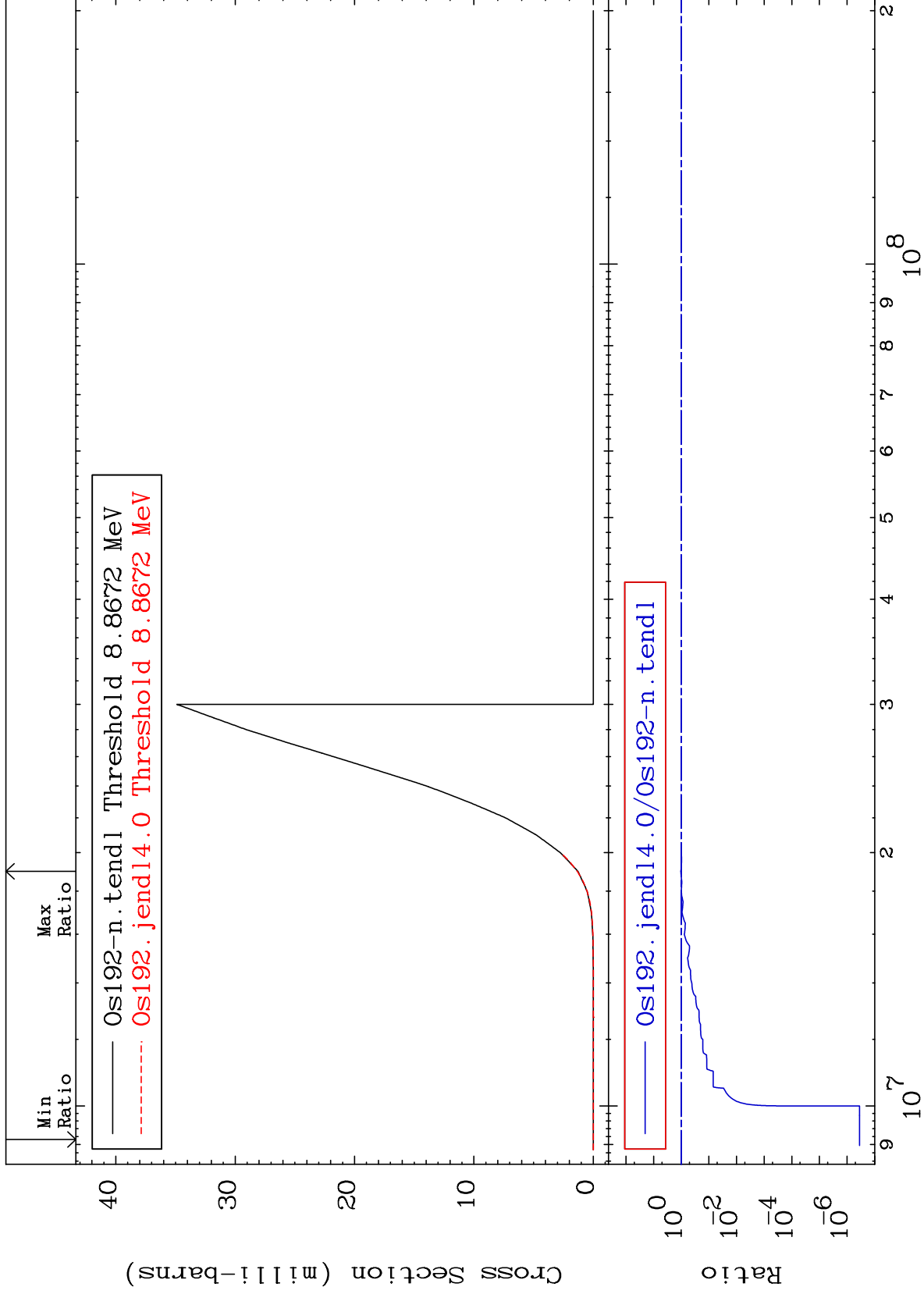
-100.0 To 109.2 %



MAT 7649

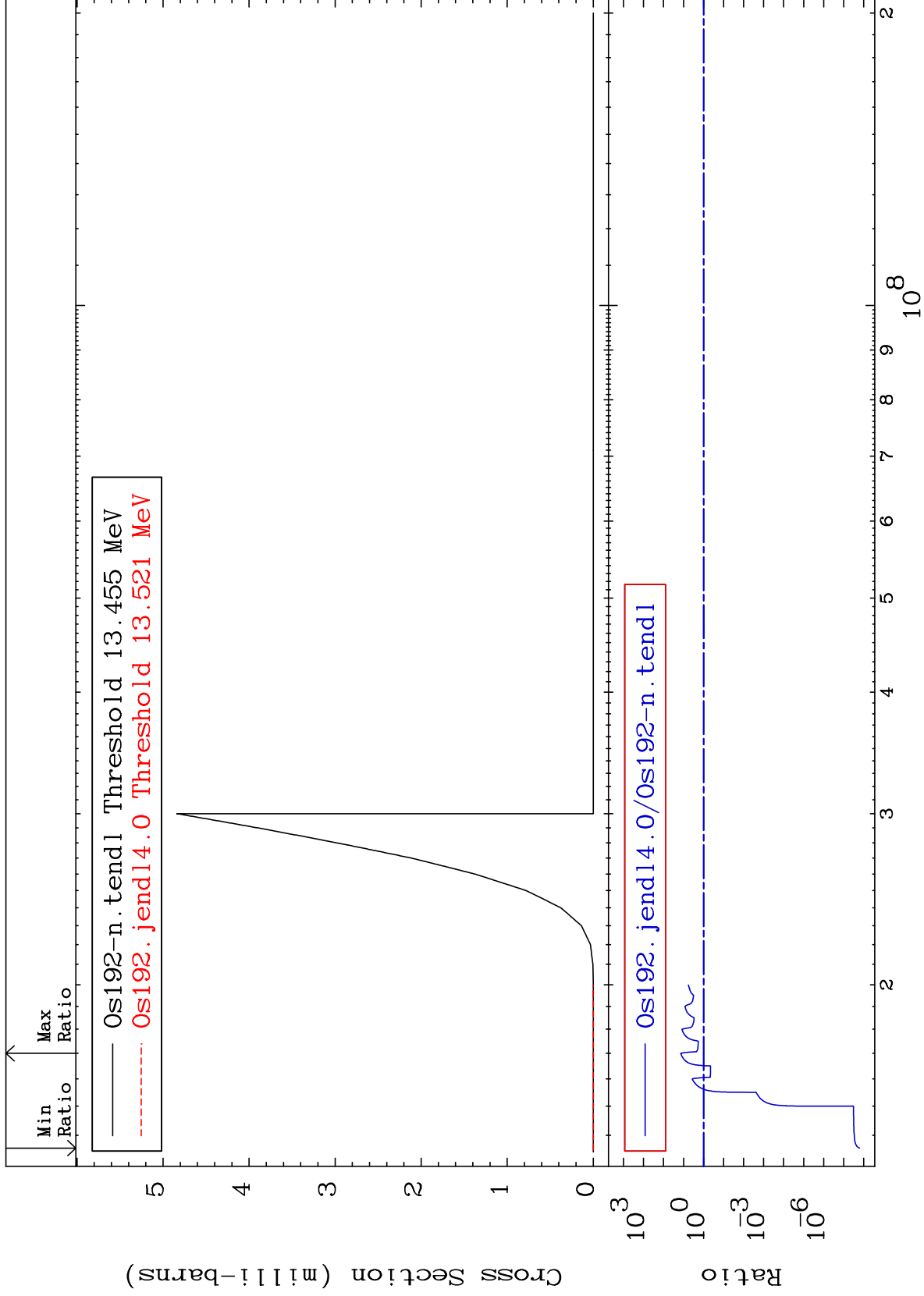
(n,n') p
Cross Section

76-0s-192
-100.0 To 3.985 %



Incident Energy (eV)

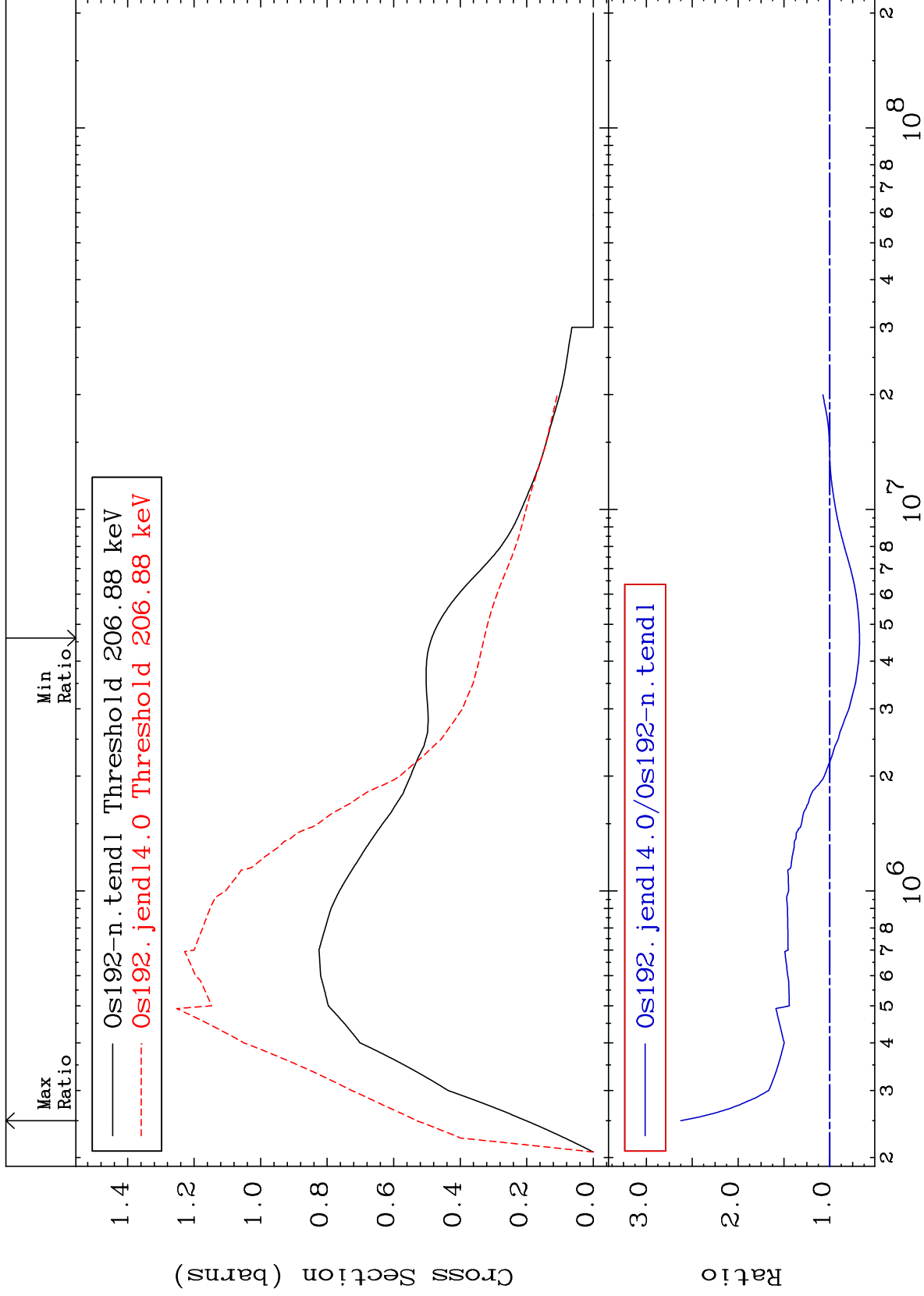
76-0s-192



MAT 7649

205.8 keV (n,n') Level
Cross Section

76-Os-192
-32.51 To 162.5 %



10

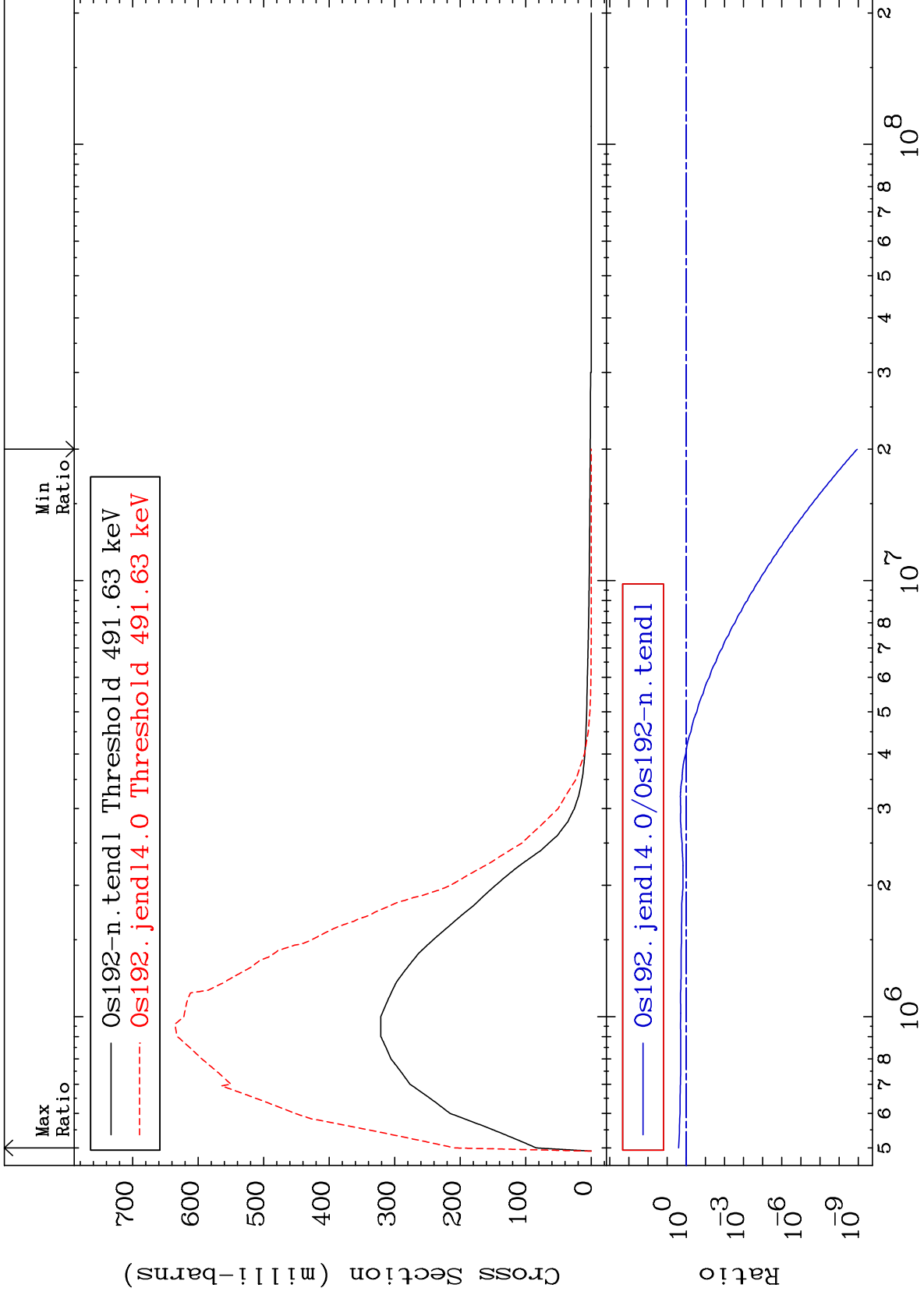
Incident Energy (eV)

76-Os-192

MAT 7649

489.1 keV (n,n') Level
Cross Section

76-Os-192
-100.0 To 149.1 %



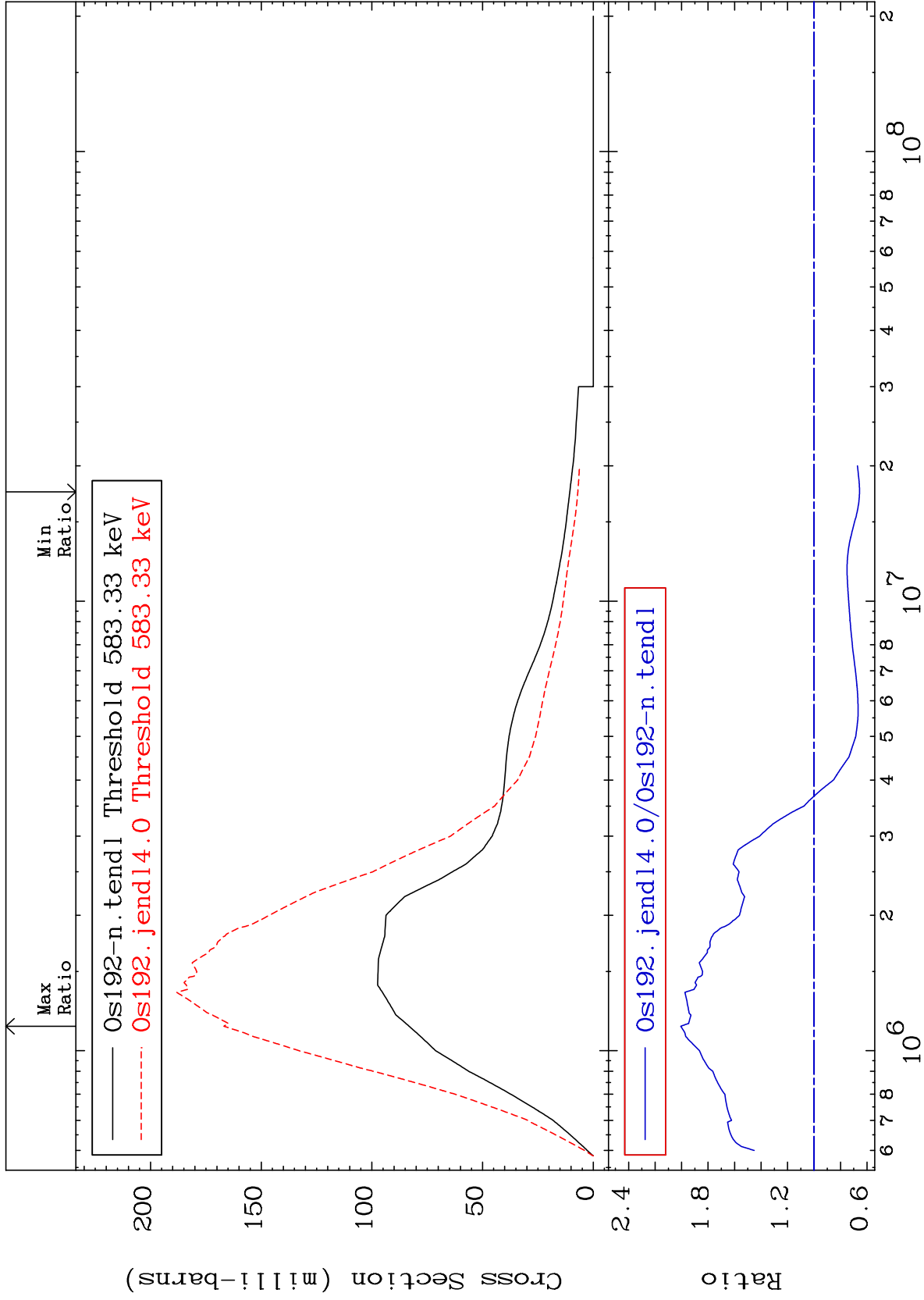
MAT 7649

580.3 keV (n,n') Level

76-0s-192

-34.34 To 100.6 %

Cross Section



12

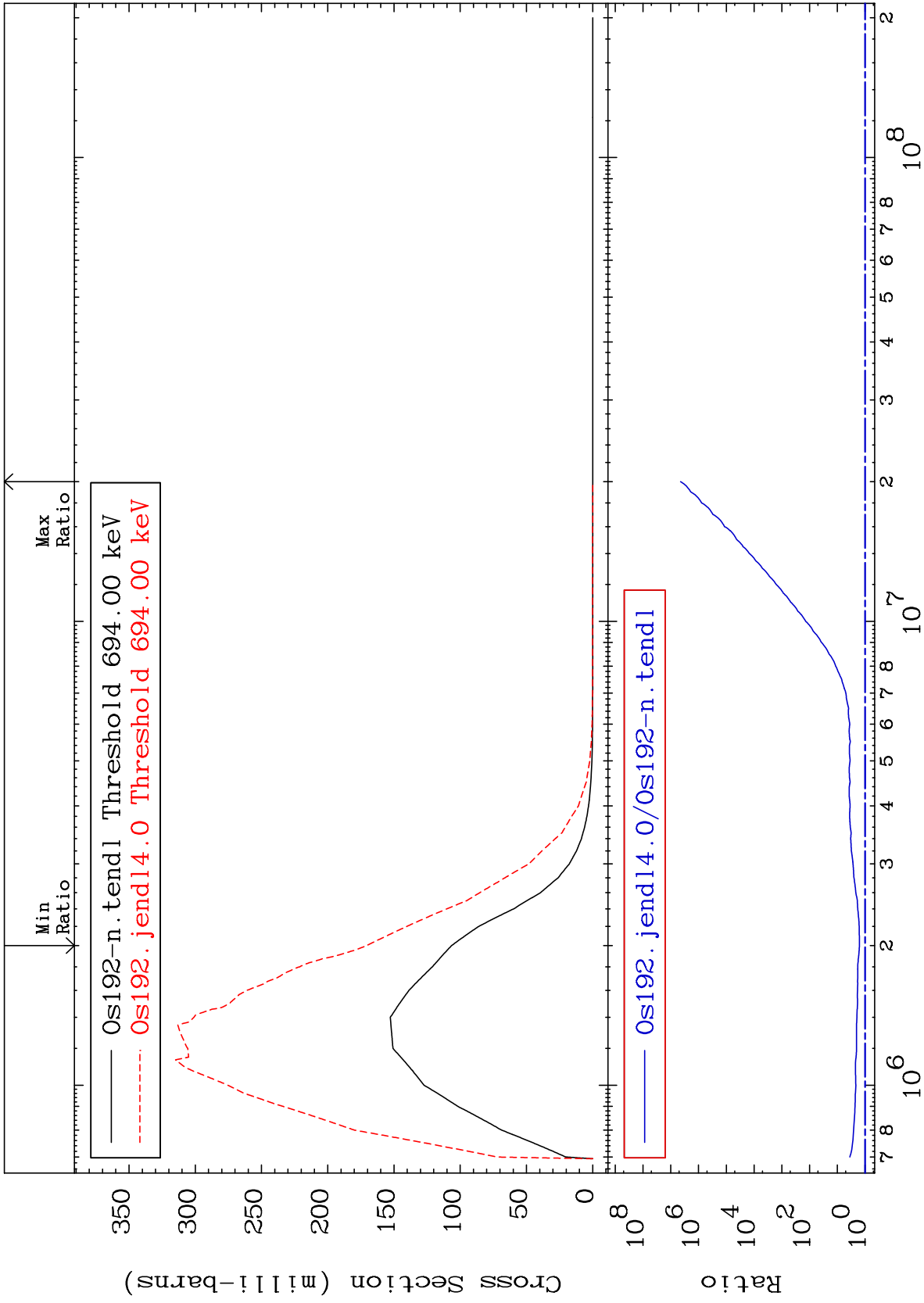
Incident Energy (eV)

76-0s-192

MAT 7649

690.4 keV (n,n') Level
Cross Section

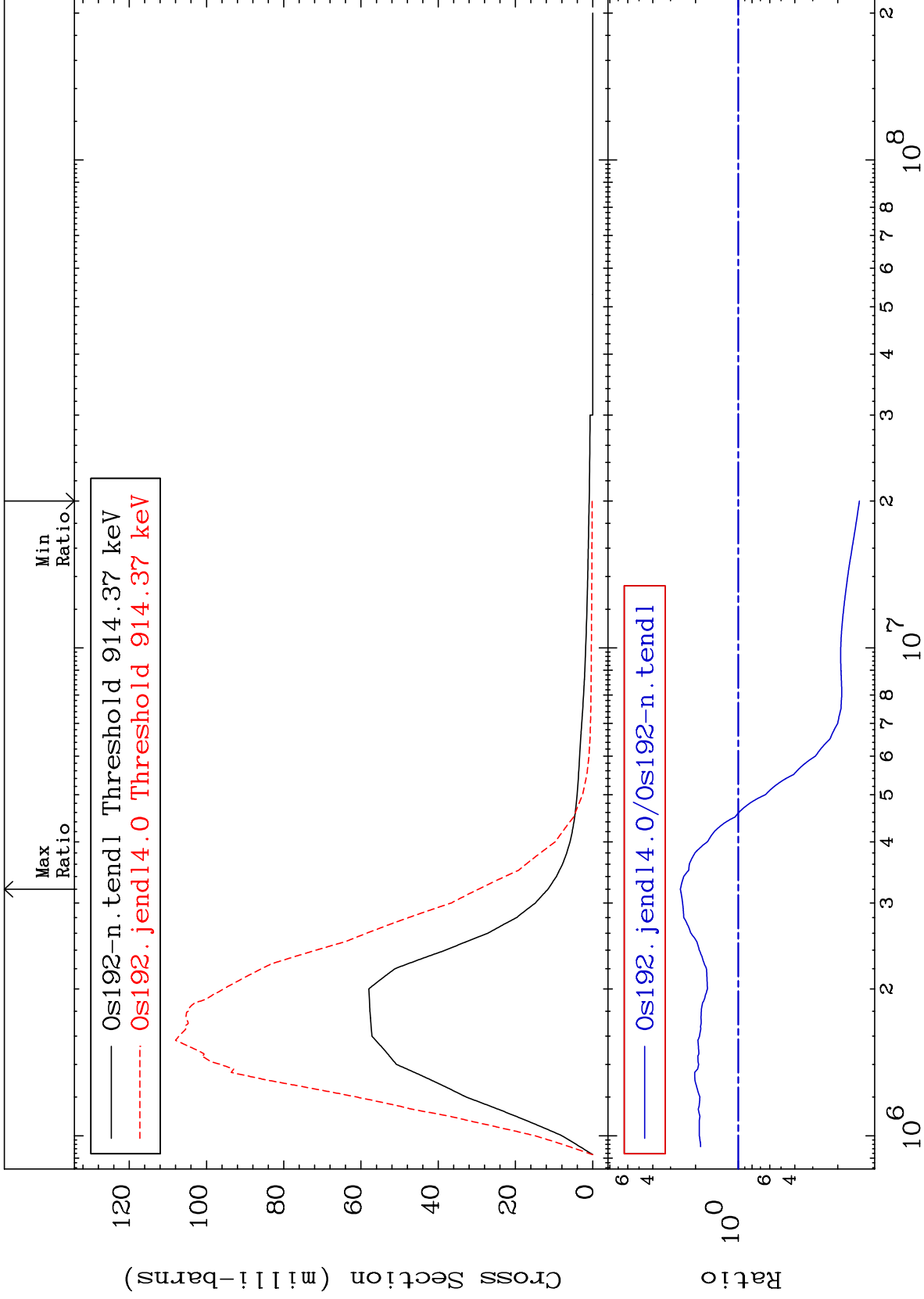
76-0s-192
60.12 To 9999. %



MAT 7649

909.6 keV (n,n') Level
Cross Section

76-0s-192
-85.95 To 155.6 %



14

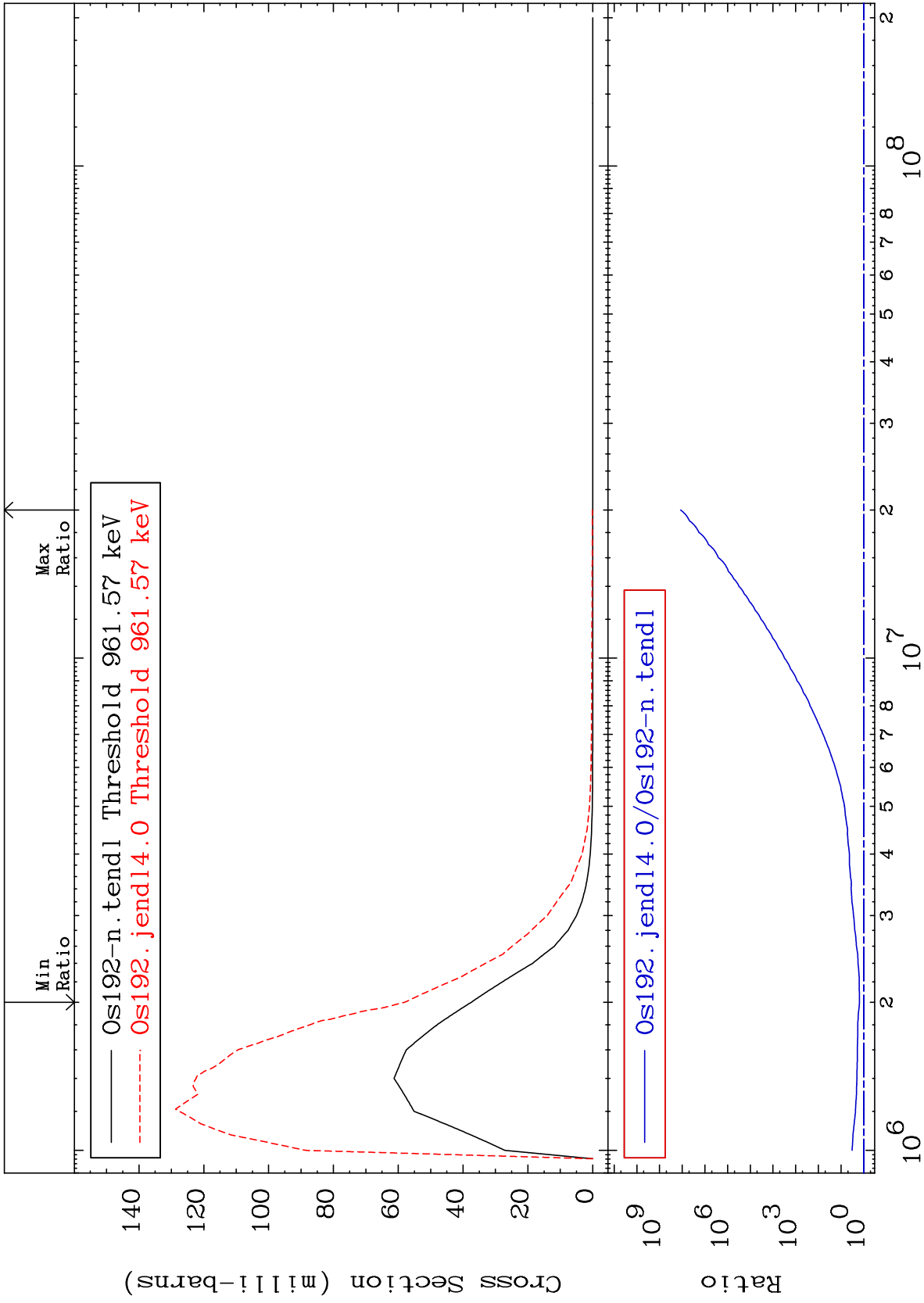
Incident Energy (eV)

76-0s-192

MAT 7649

956.5 keV (n,n') Level
Cross Section

76-0s-192
54.94 To 9999. %



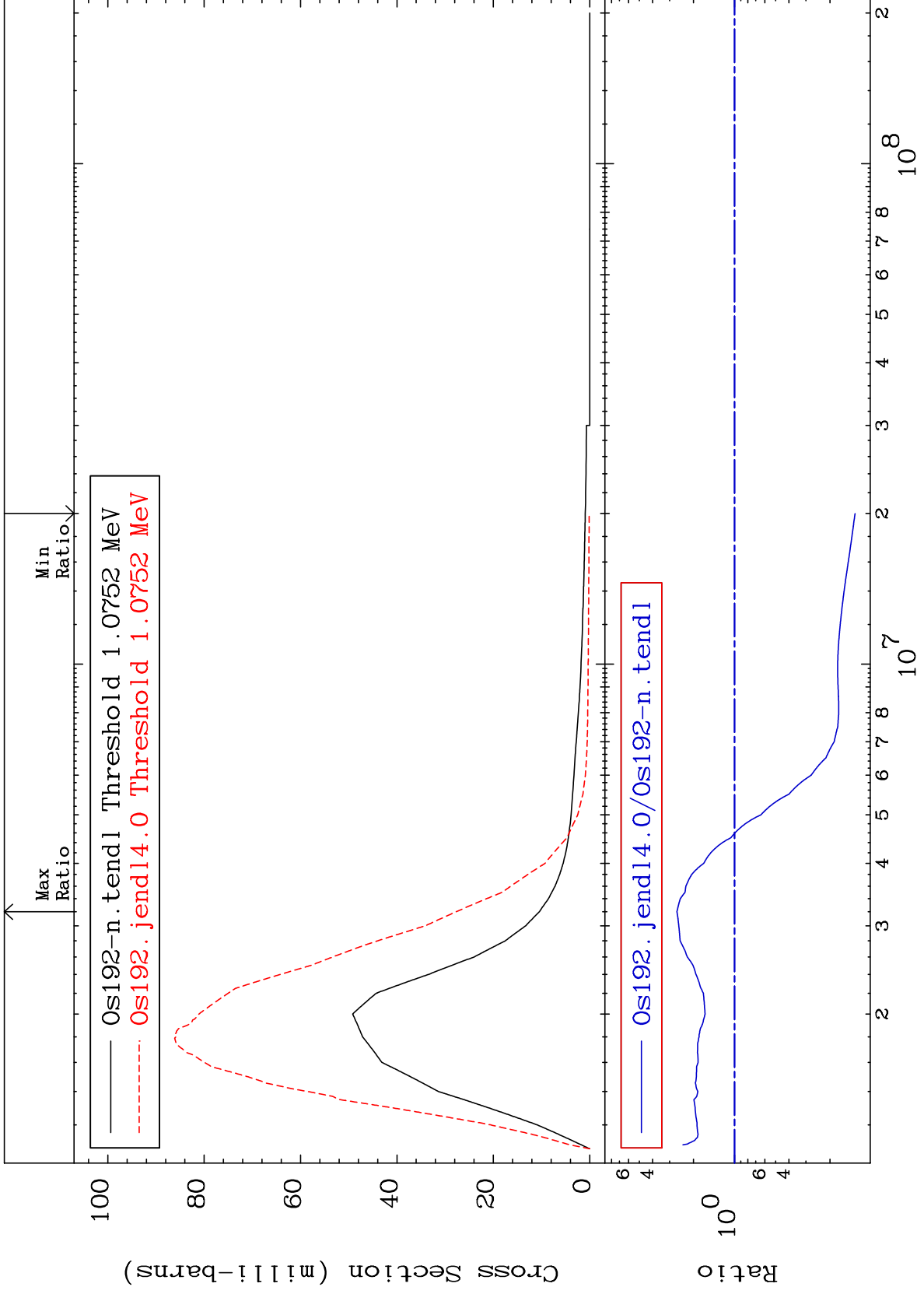
15

76-0s-192

MAT 7649

1.070 MeV (n,n') Level
Cross Section

76-0s-192
-86.92 To 164.9 %



16

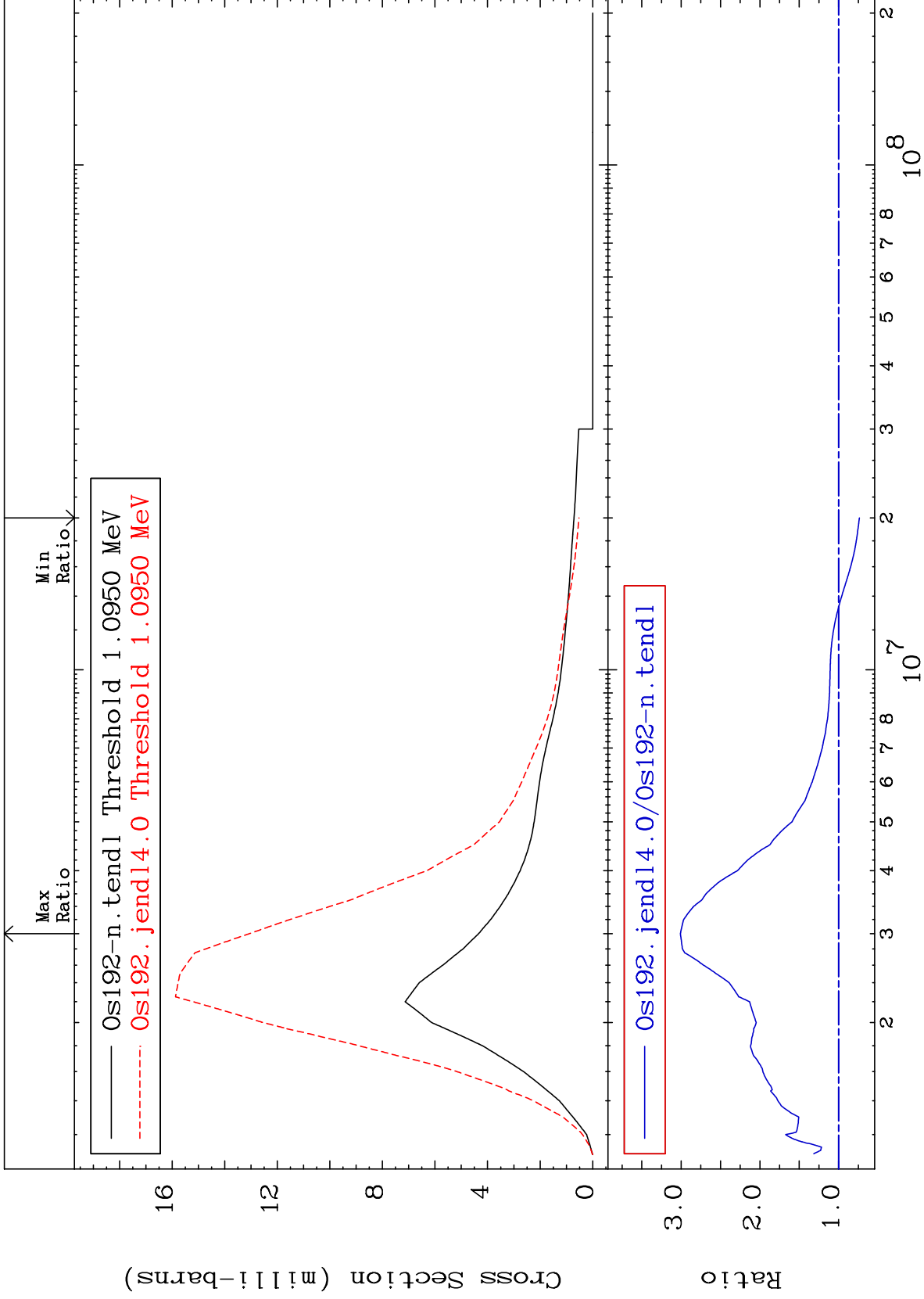
Incident Energy (eV)

76-0s-192

MAT 7649

1.089 MeV (n,n') Level
Cross Section

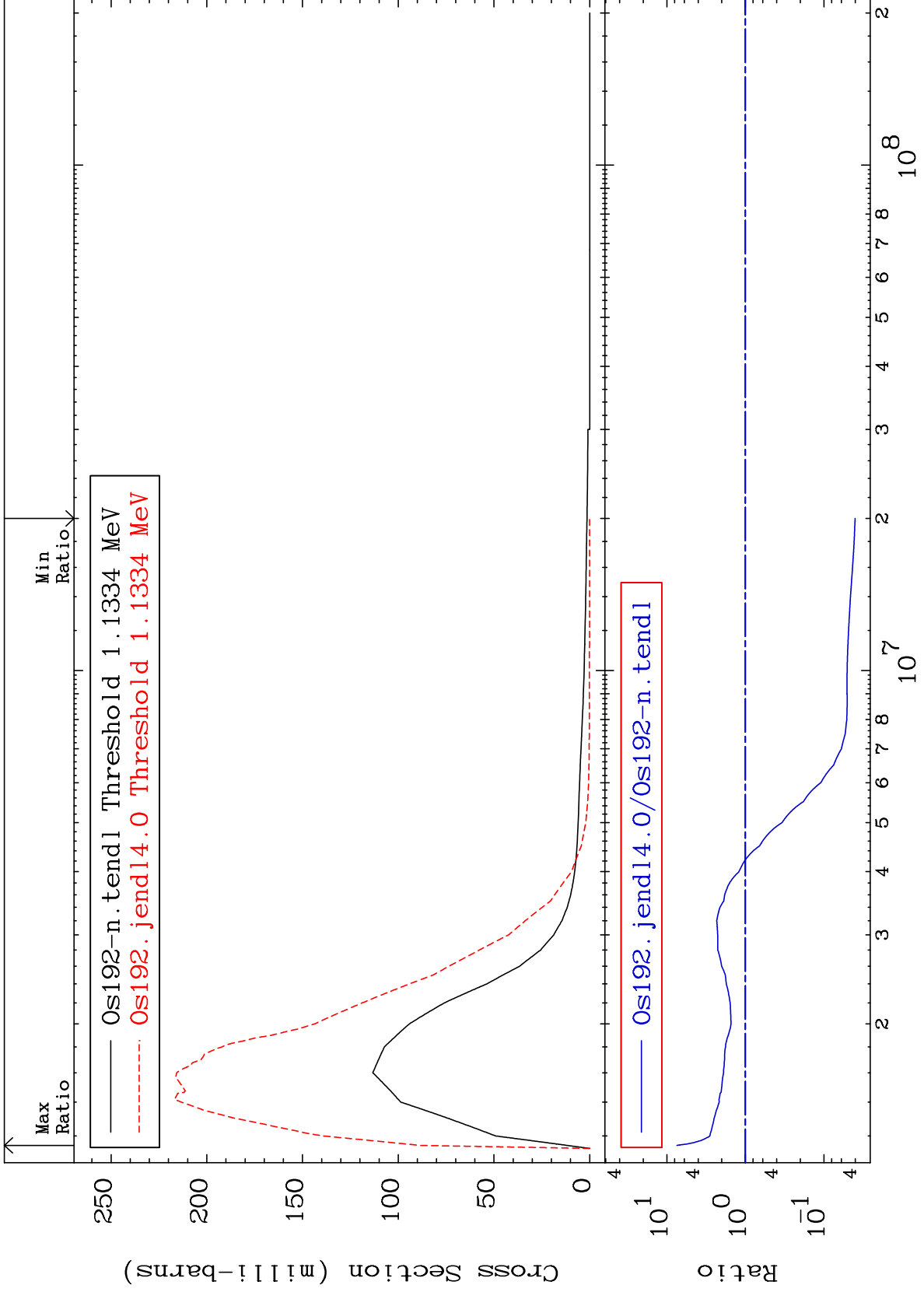
76-0s-192
-26.40 To 201.0 %



MAT 7649

1.128 MeV (n,n') Level
Cross Section

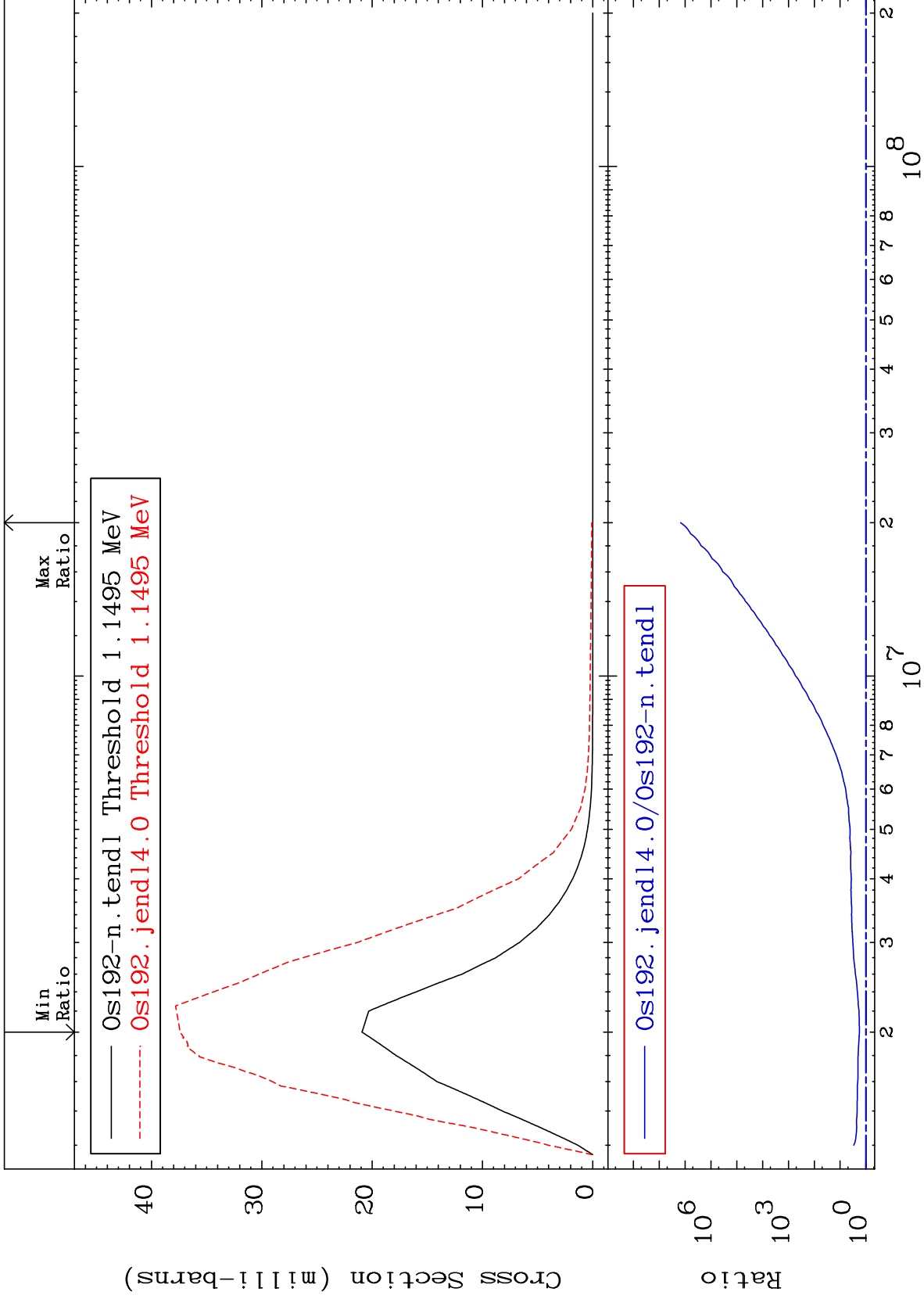
76-0s-192
-95.98 To 645.1 %



MAT 7649

1.144 MeV (n,n') Level
Cross Section

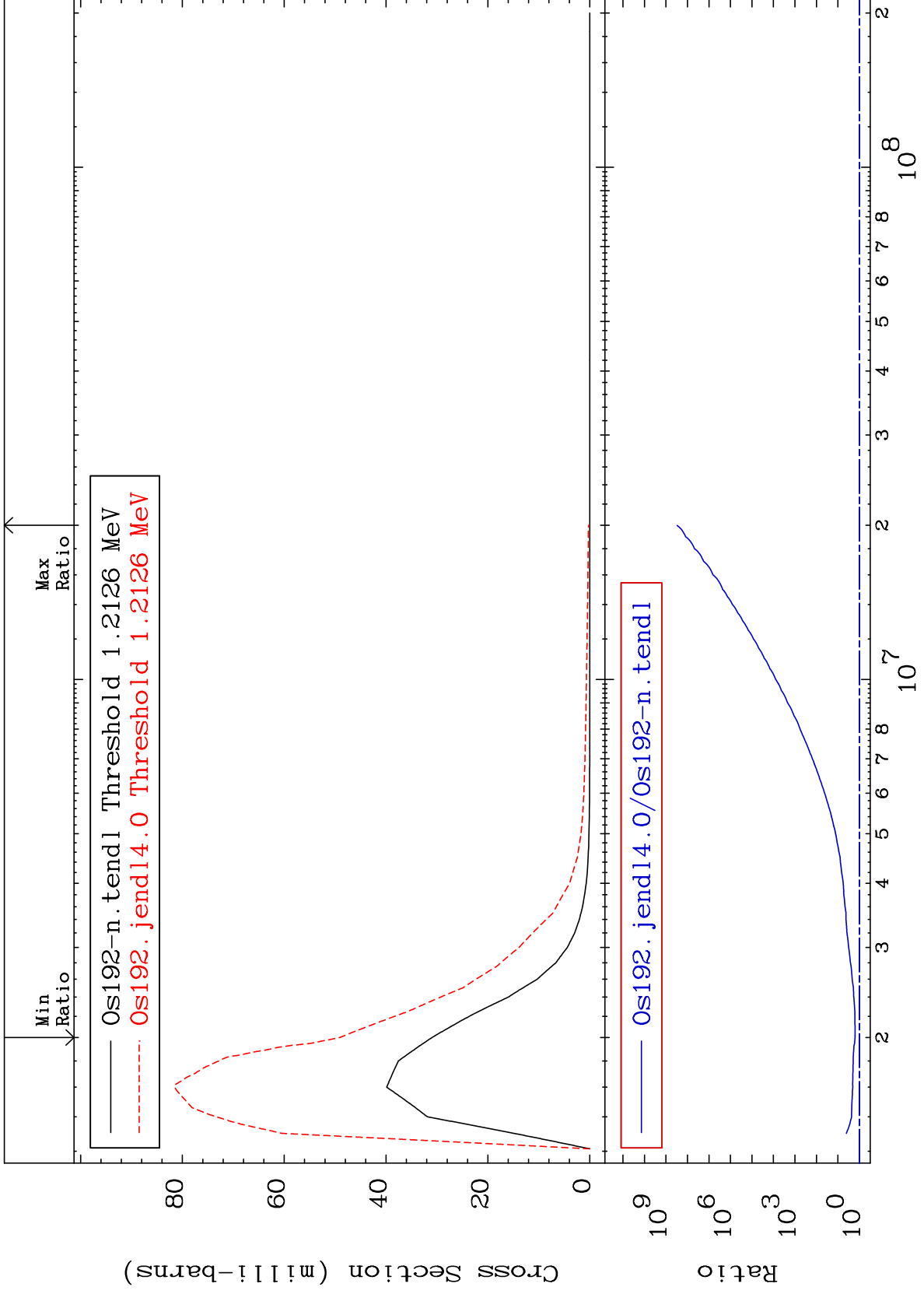
76-0s-192
78.84 To 9999. %



MAT 7649

1.206 MeV (n,n') Level
Cross Section

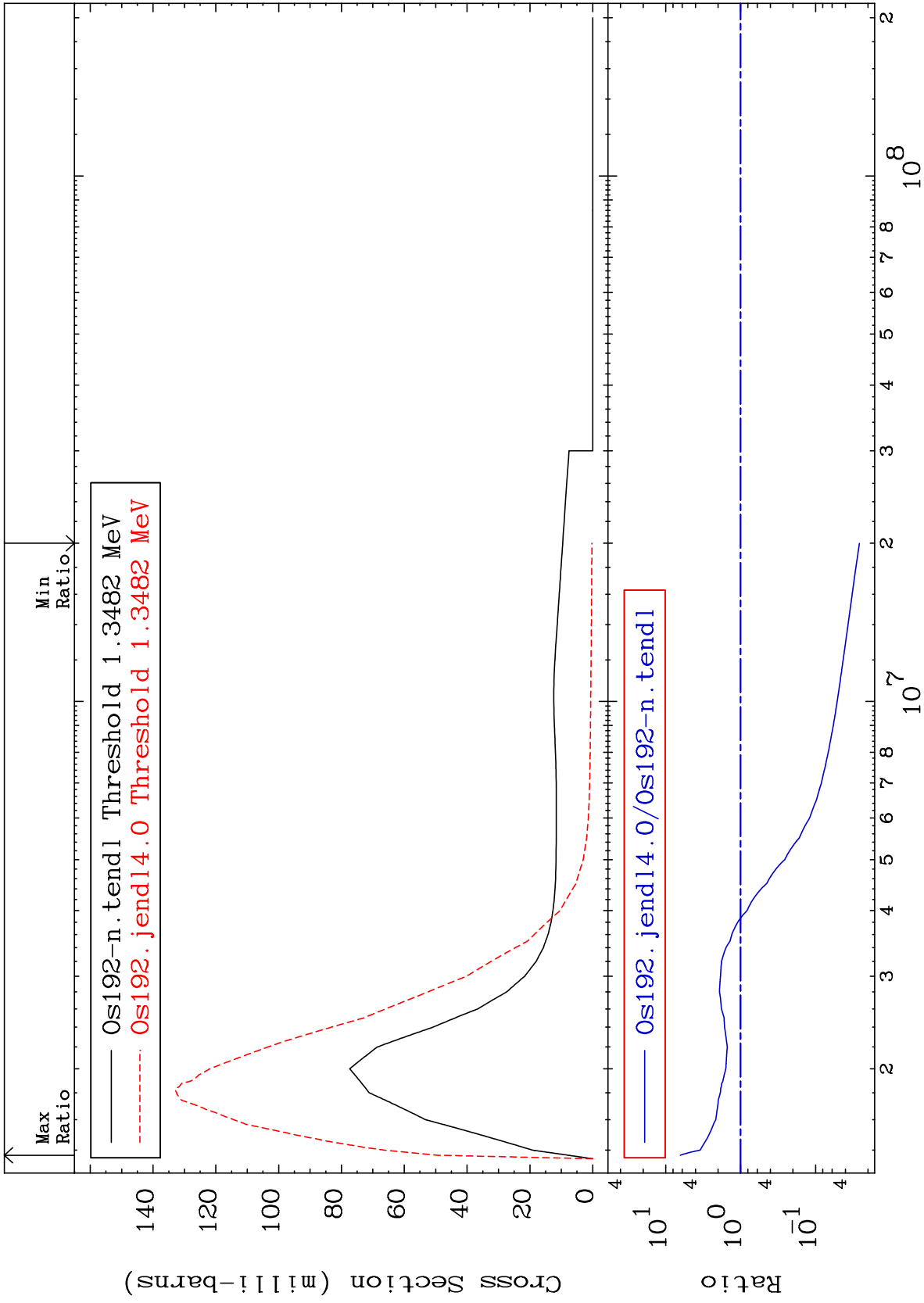
76-0s-192
58.55 To 9999. %



MAT 7649

1.341 MeV (n,n') Level
Cross Section

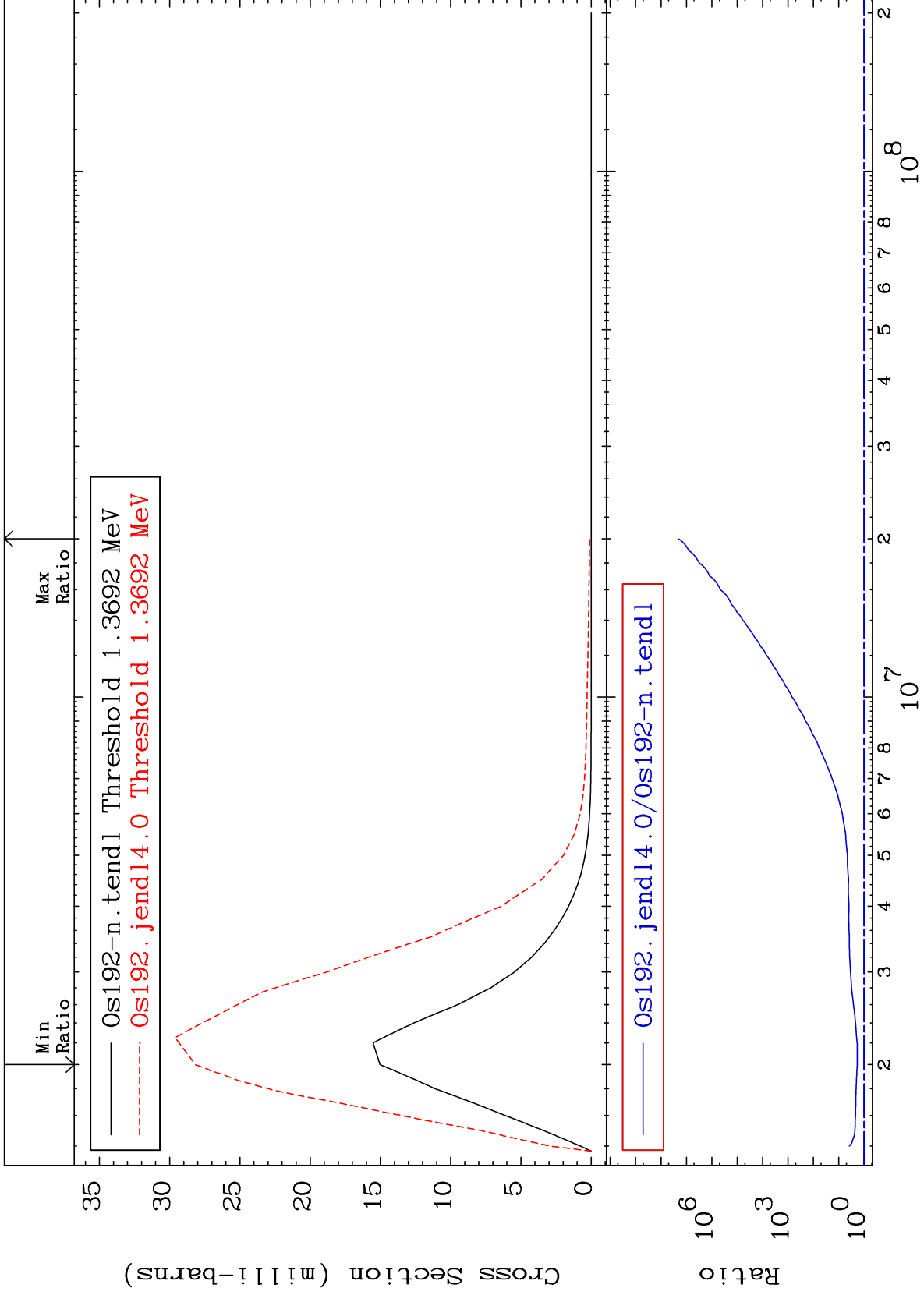
76-0s-192
-97.40 To 536.6 %



MAT 7649

1.362 MeV (n,n') Level
Cross Section

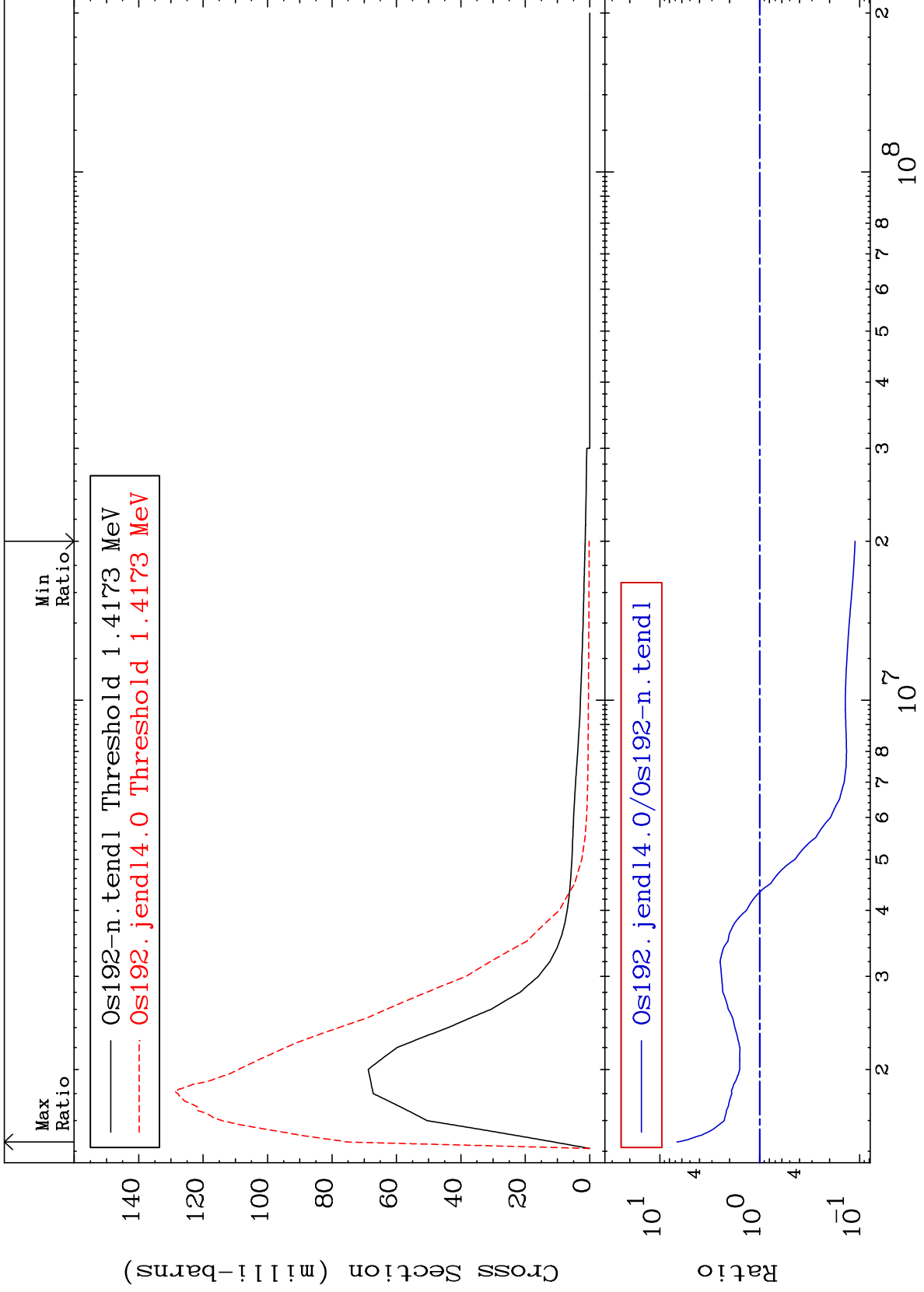
76-0s-192
87.42 To 9999. %

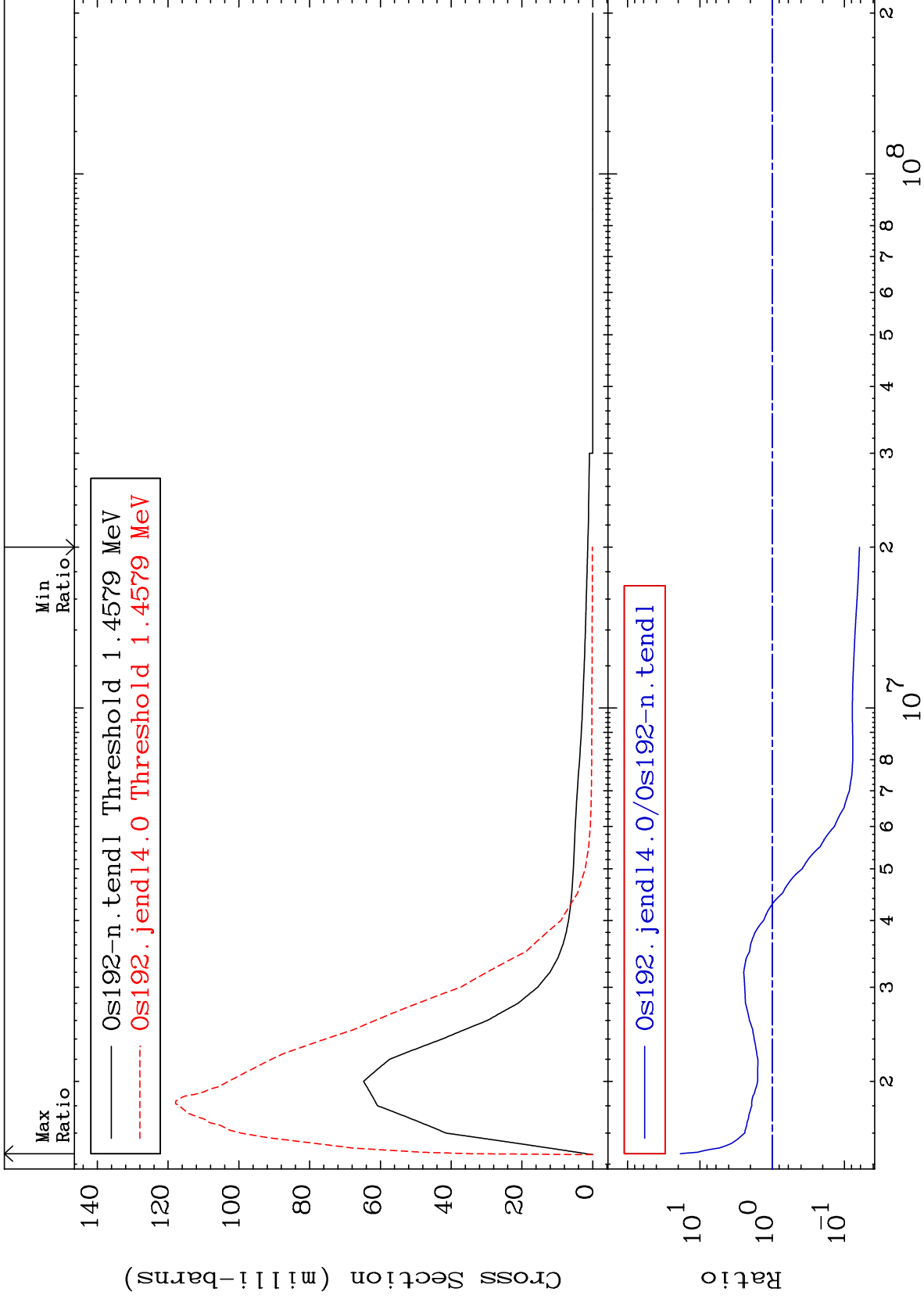


MAT 7649

1.410 MeV (n,n') Level
Cross Section

76-0s-192
-88.91 To 573.7 %

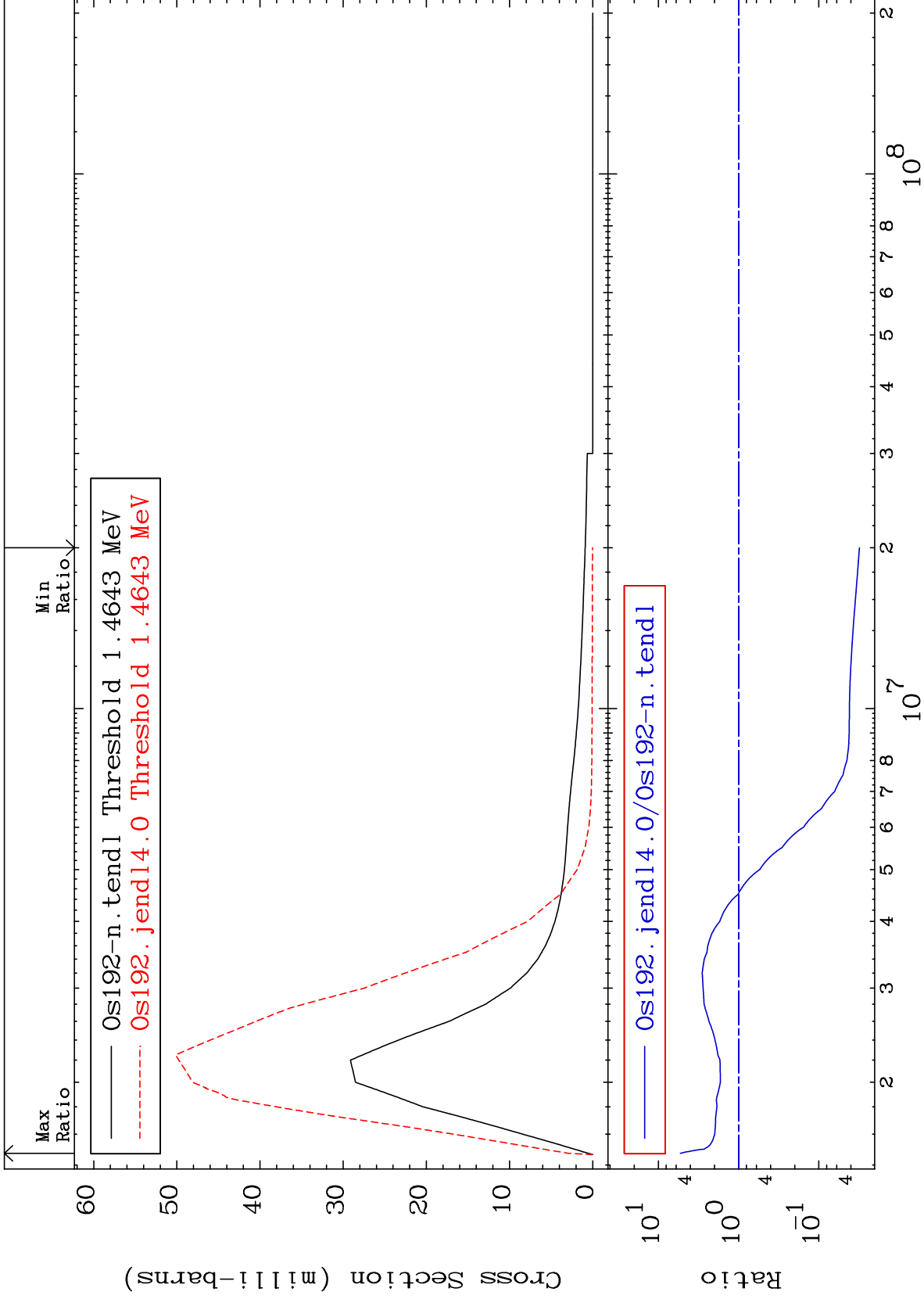




MAT 7649

1.457 MeV (n,n') Level
Cross Section

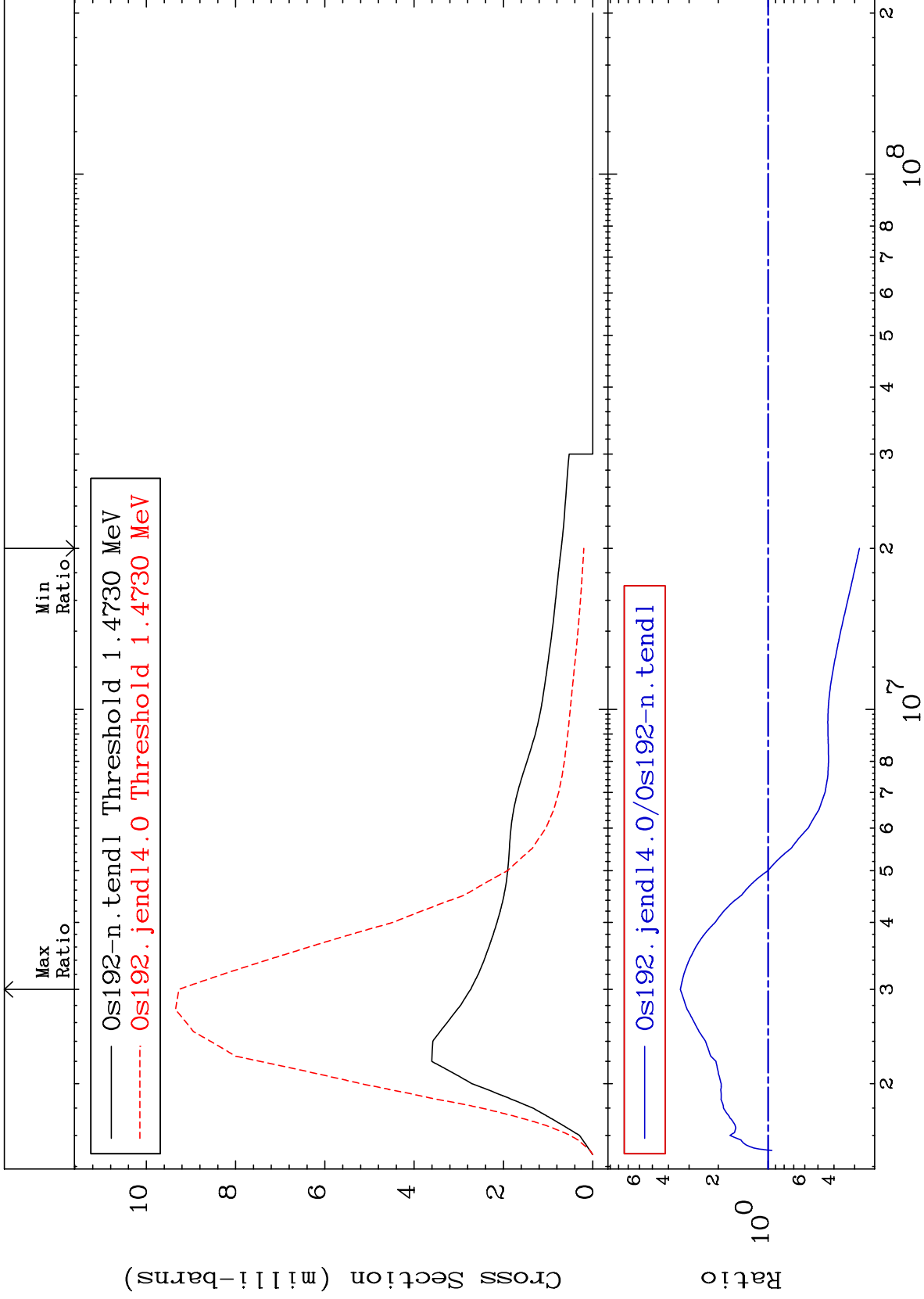
76-0s-192
-96.88 To 432.6 %



MAT 7649

1.465 MeV (n,n') Level
Cross Section

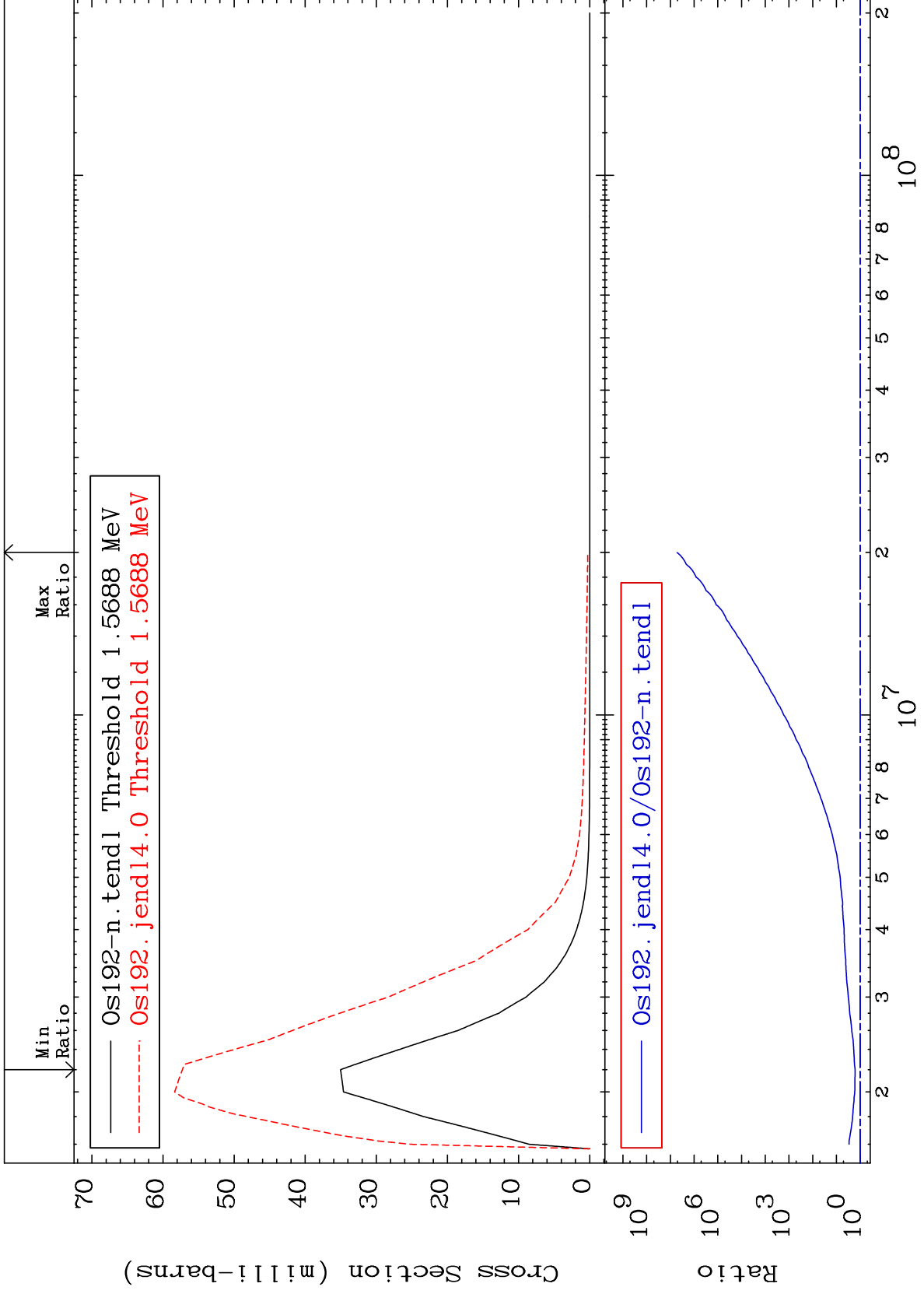
76-0s-192
-71.95 To 239.1 %



MAT 7649

1.561 MeV (n,n') Level
Cross Section

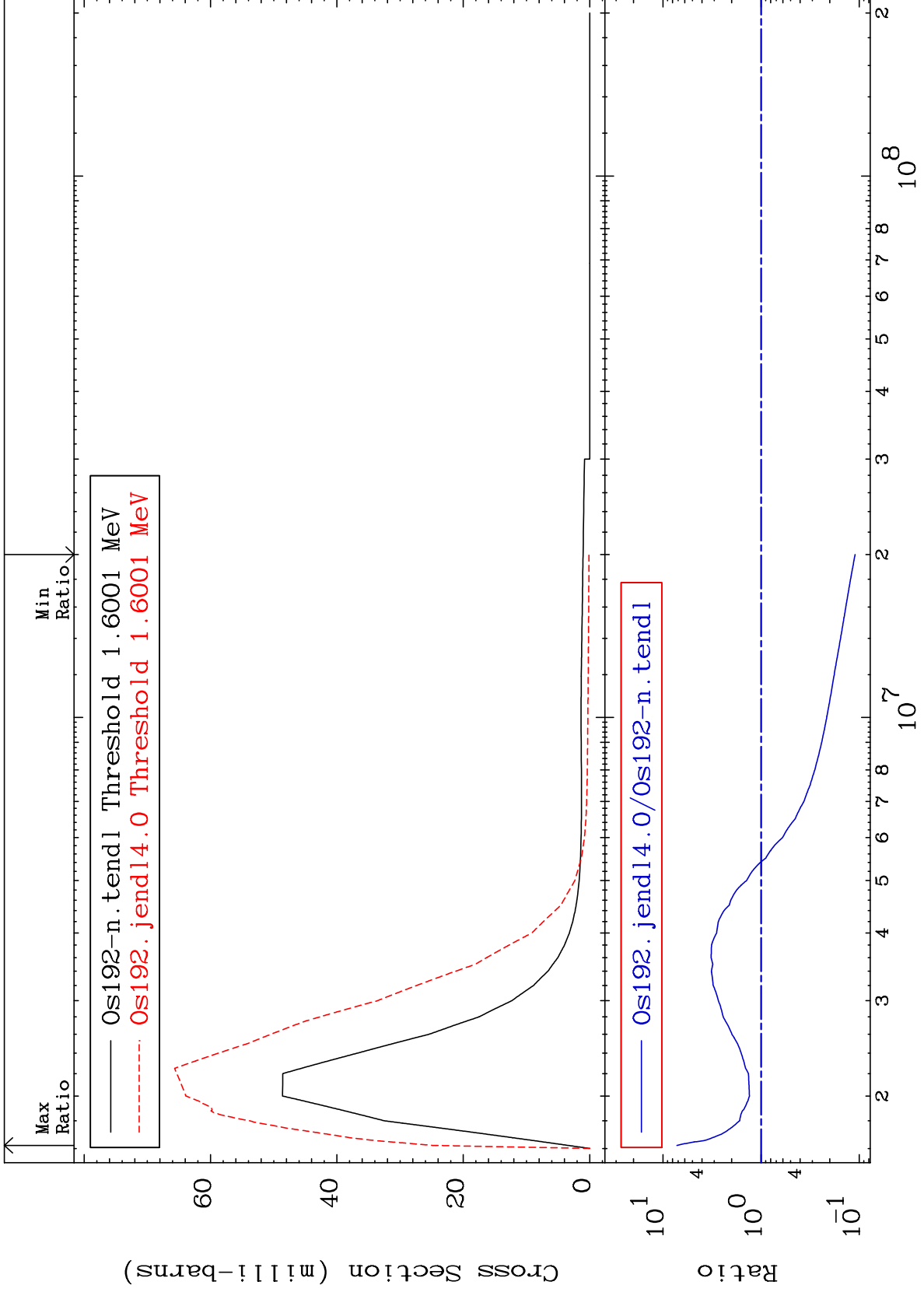
76-0s-192
63.44 To 9999. %



MAT 7649

1.592 MeV (n,n') Level
Cross Section

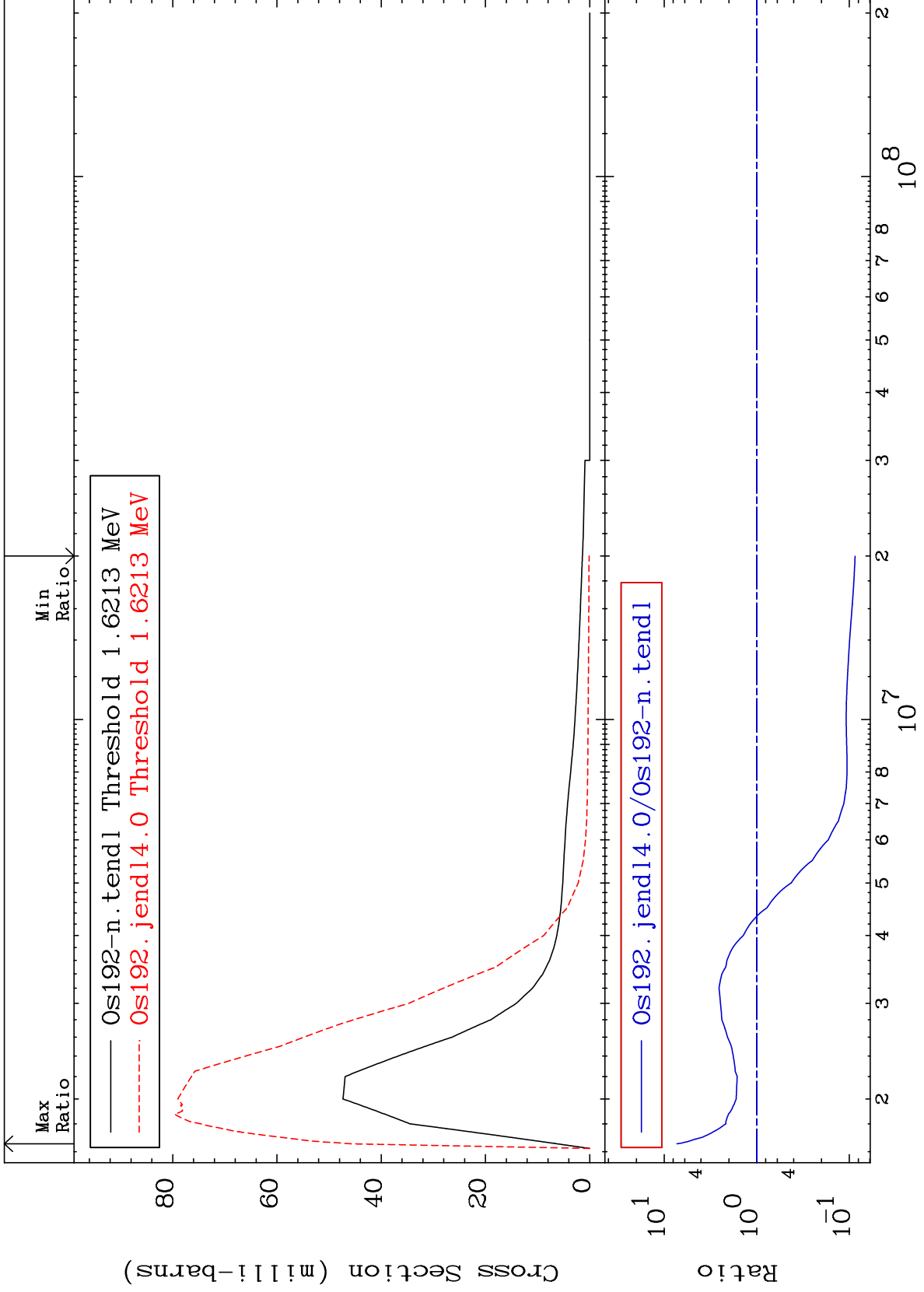
76-0s-192
-88.98 To 620.7 %



MAT 7649

1.613 MeV (n,n') Level
Cross Section

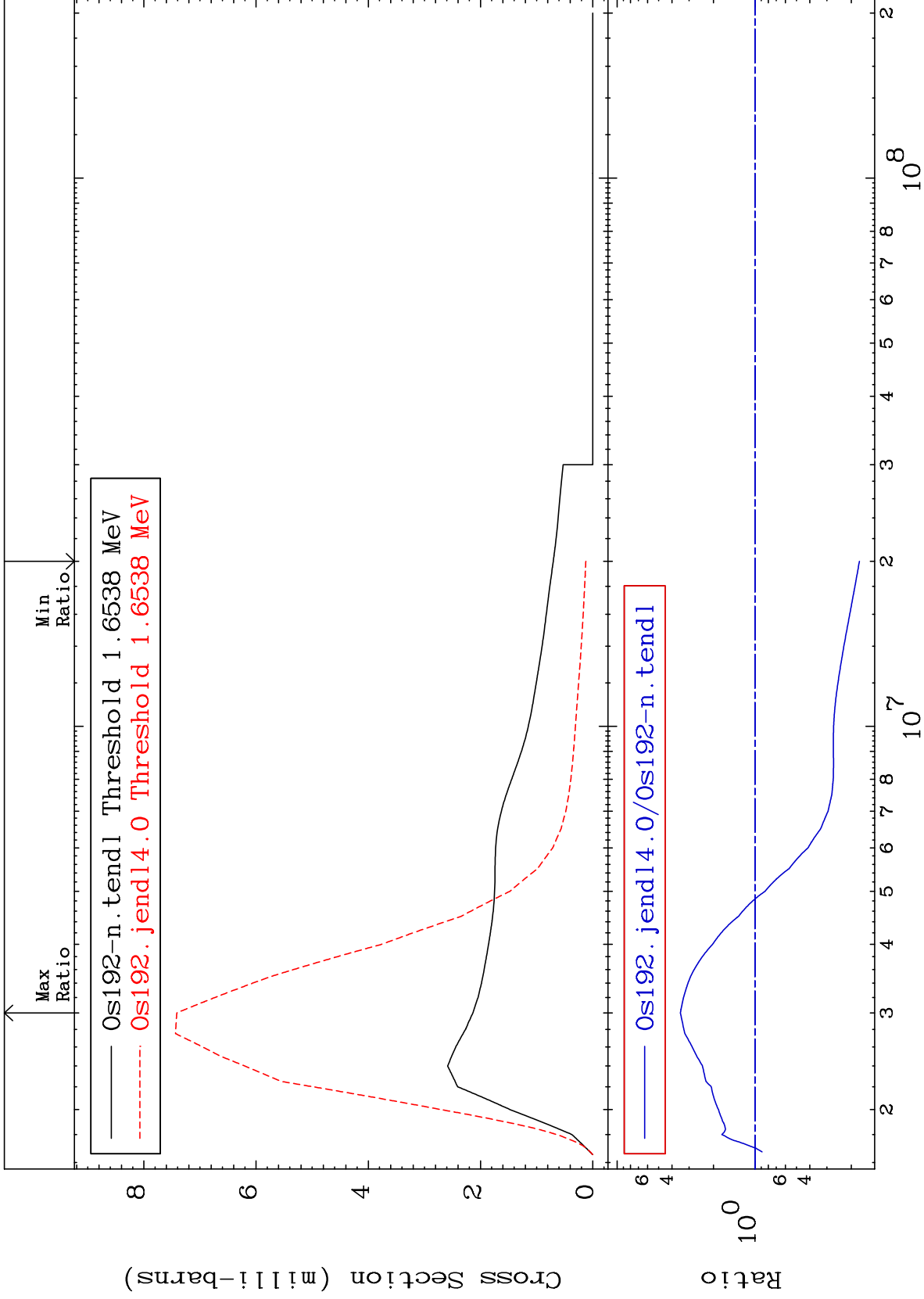
76-0s-192
-91.33 To 628.7 %



MAT 7649

1.645 MeV (n,n') Level
Cross Section

76-0s-192
-82.57 To 247.2 %



30

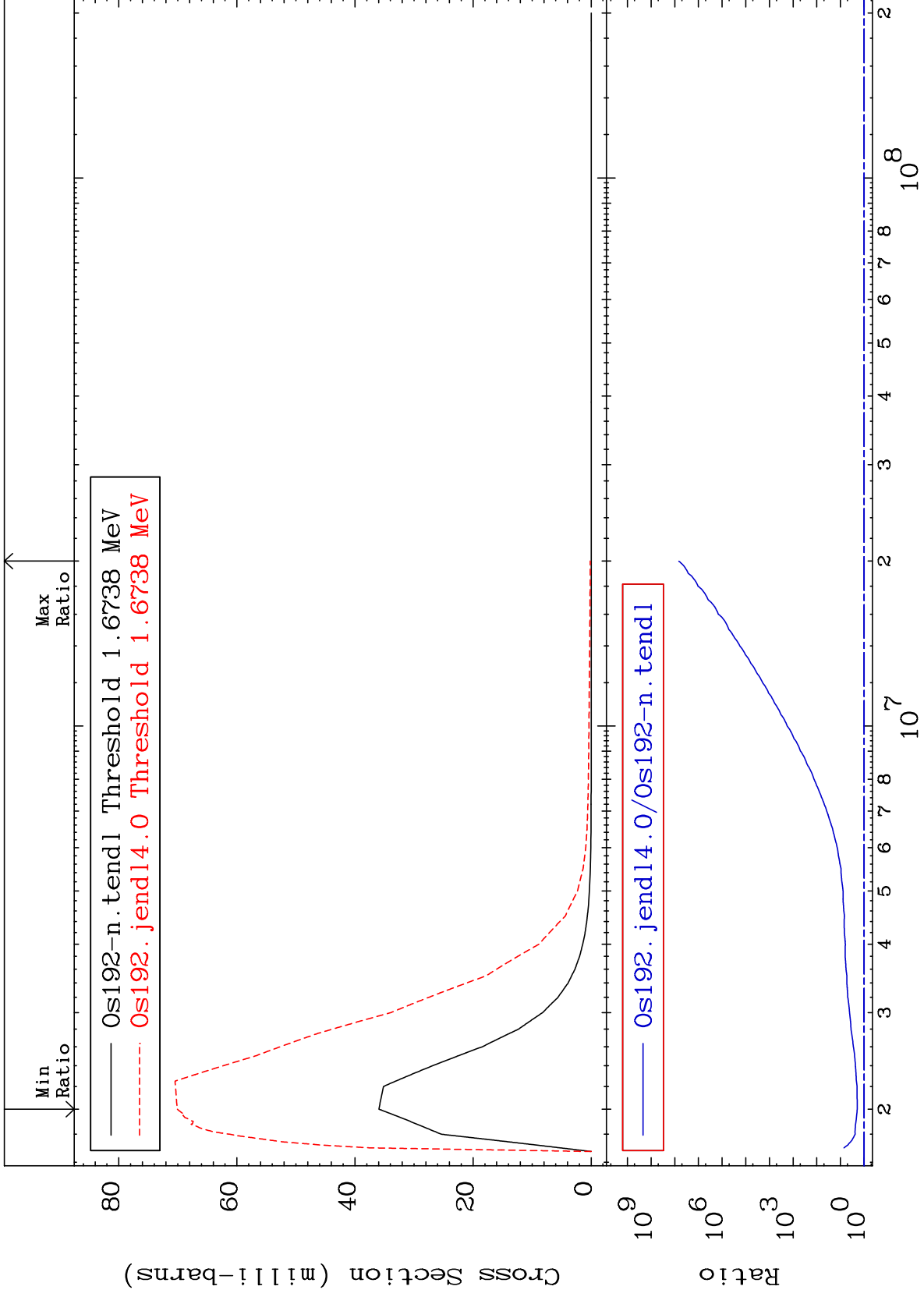
Incident Energy (eV)

76-0s-192

MAT 7649

1.665 MeV (n,n') Level
Cross Section

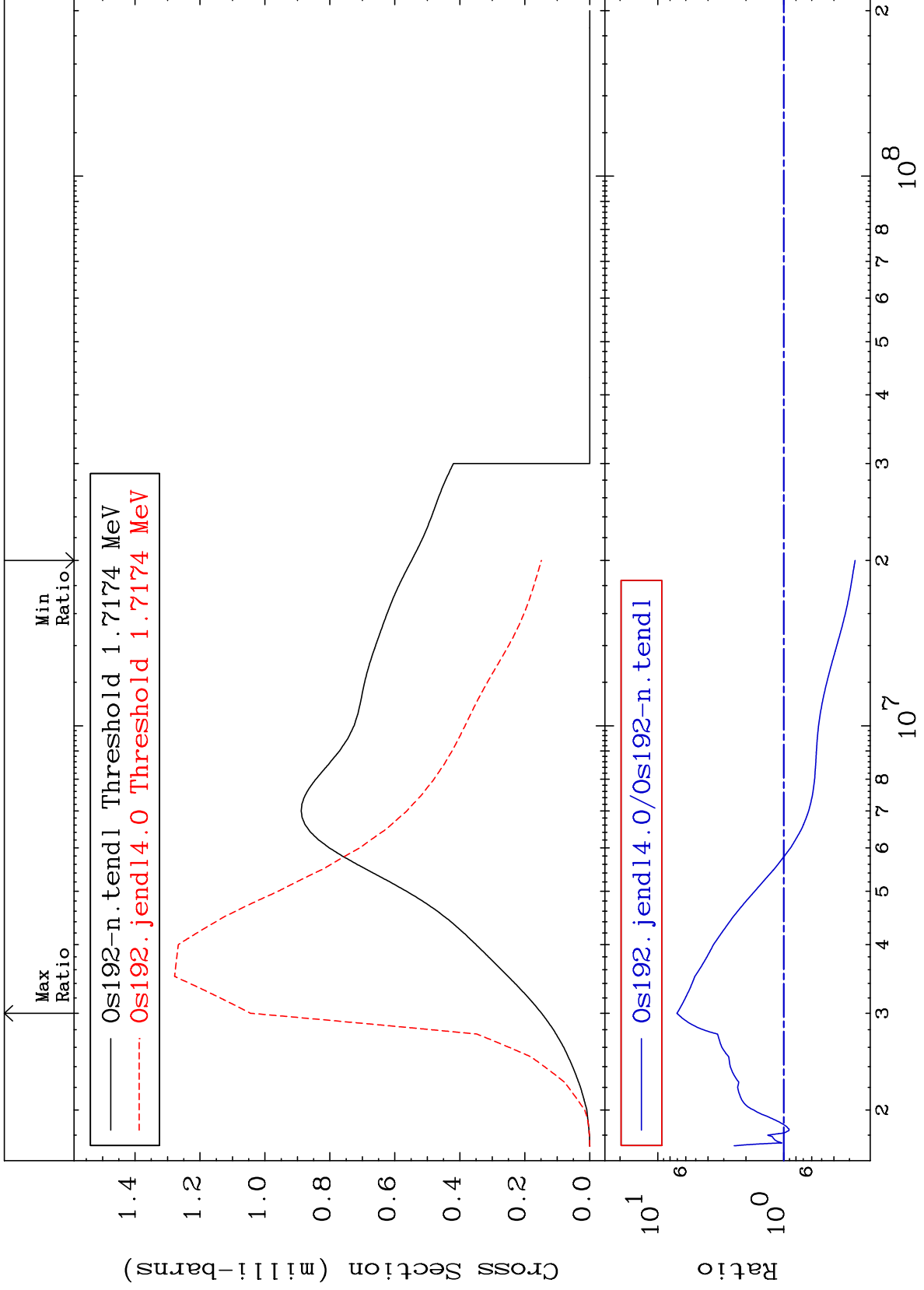
76-0s-192
95.03 To 9999. %



MAT 7649

1.708 MeV (n,n') Level
Cross Section

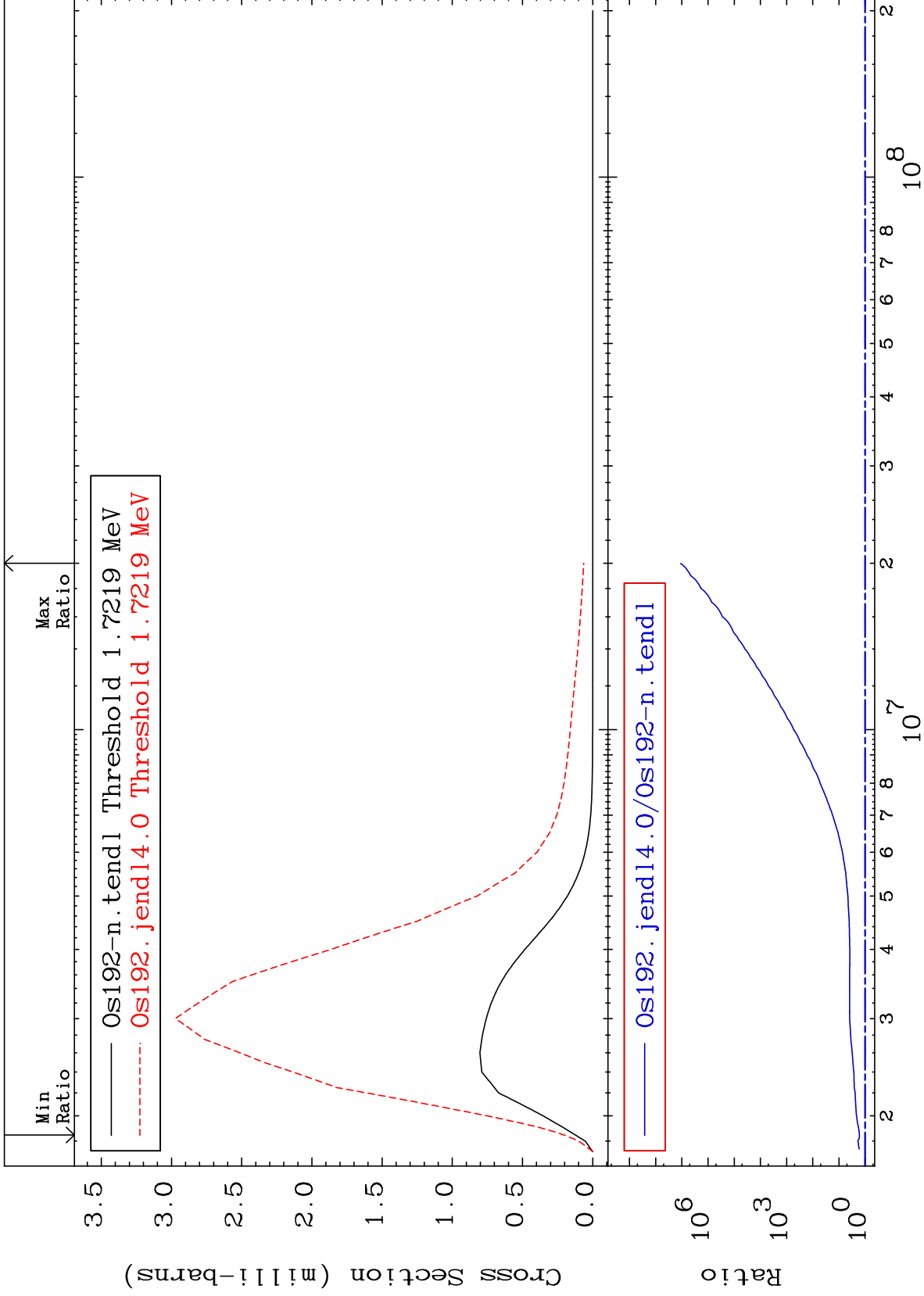
76-0s-192
-72.88 To 605.9 %



MAT 7649

1.713 MeV (n,n') Level
Cross Section

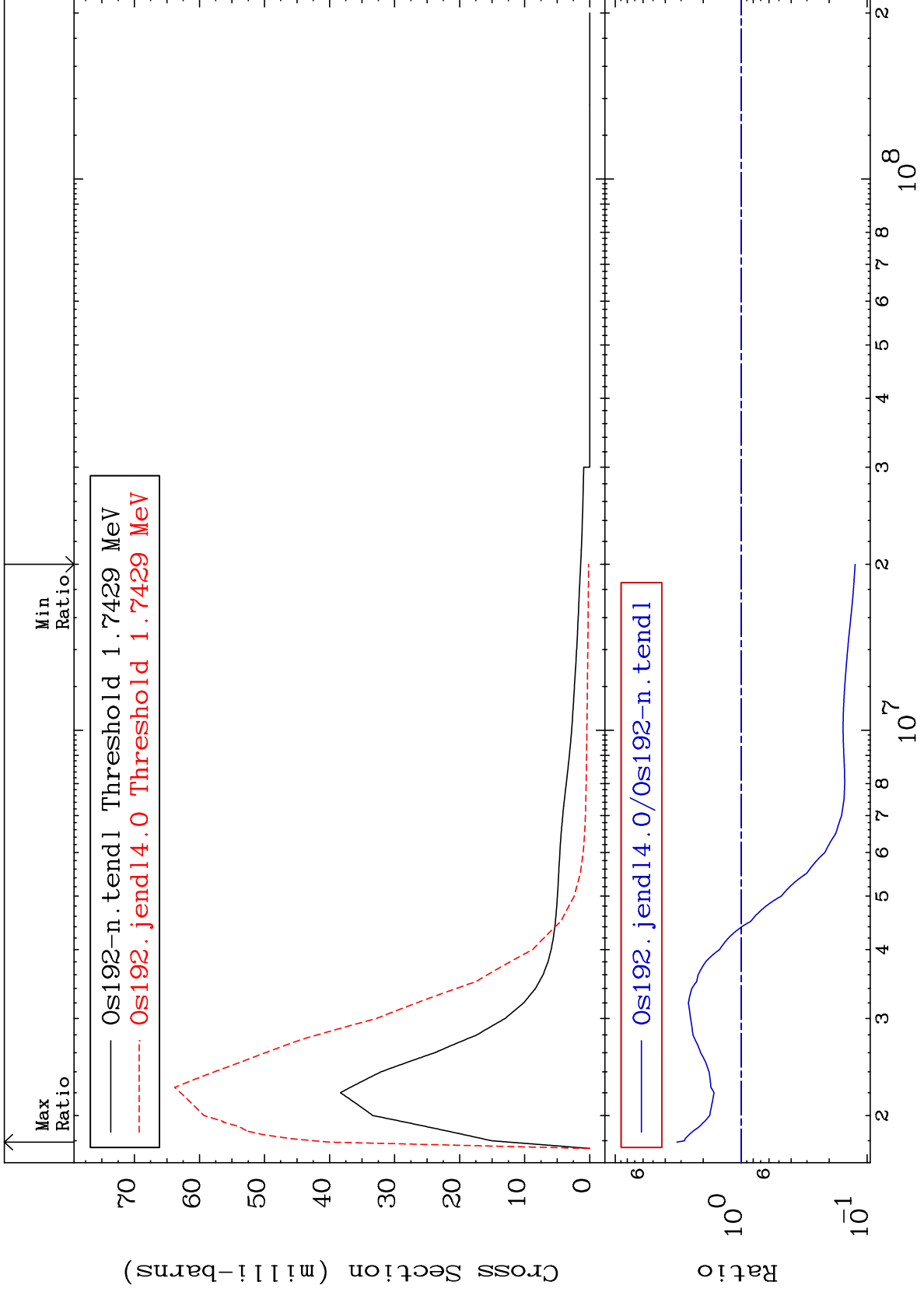
76-0s-192
65.40 To 9999. %



MAT 7649

1.734 MeV (n,n') Level
Cross Section

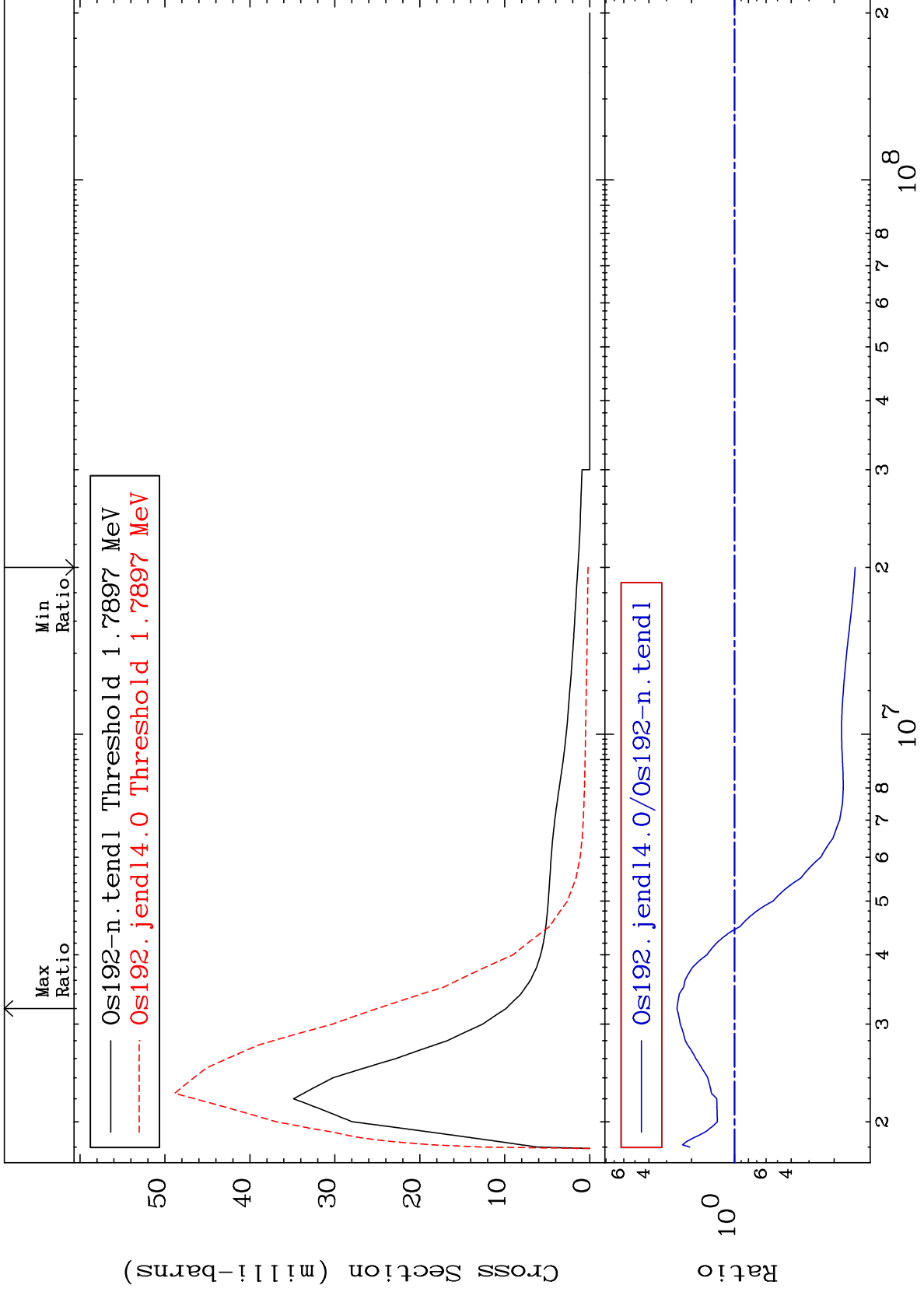
76-0s-192
-87.56 To 223.4 %



MAT 7649

1.780 MeV (n,n') Level
Cross Section

76-0s-192
-85.74 To 153.9 %



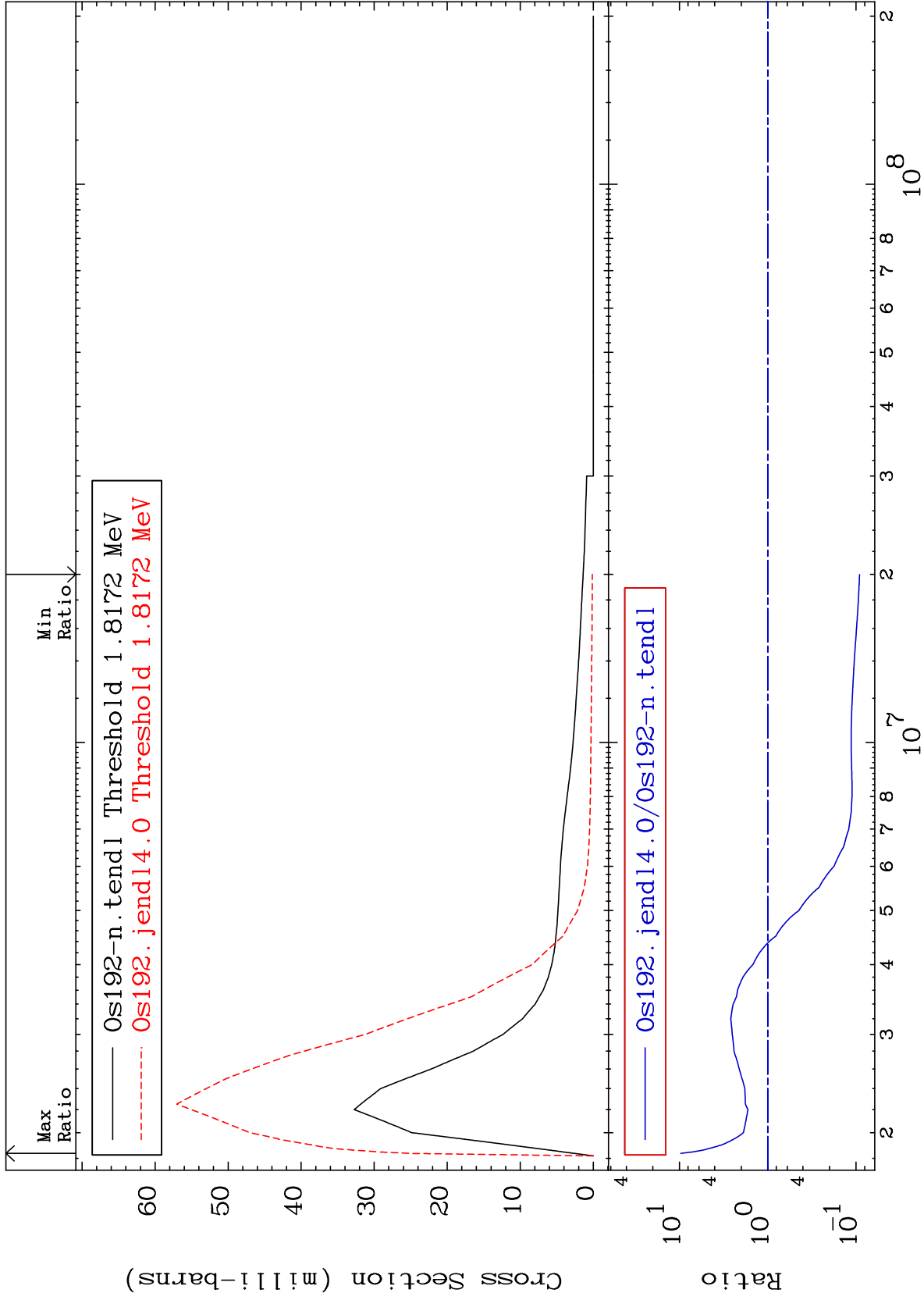
MAT 7649

1.808 MeV (n,n') Level

76-0s-192

-90.86 To 867.1 %

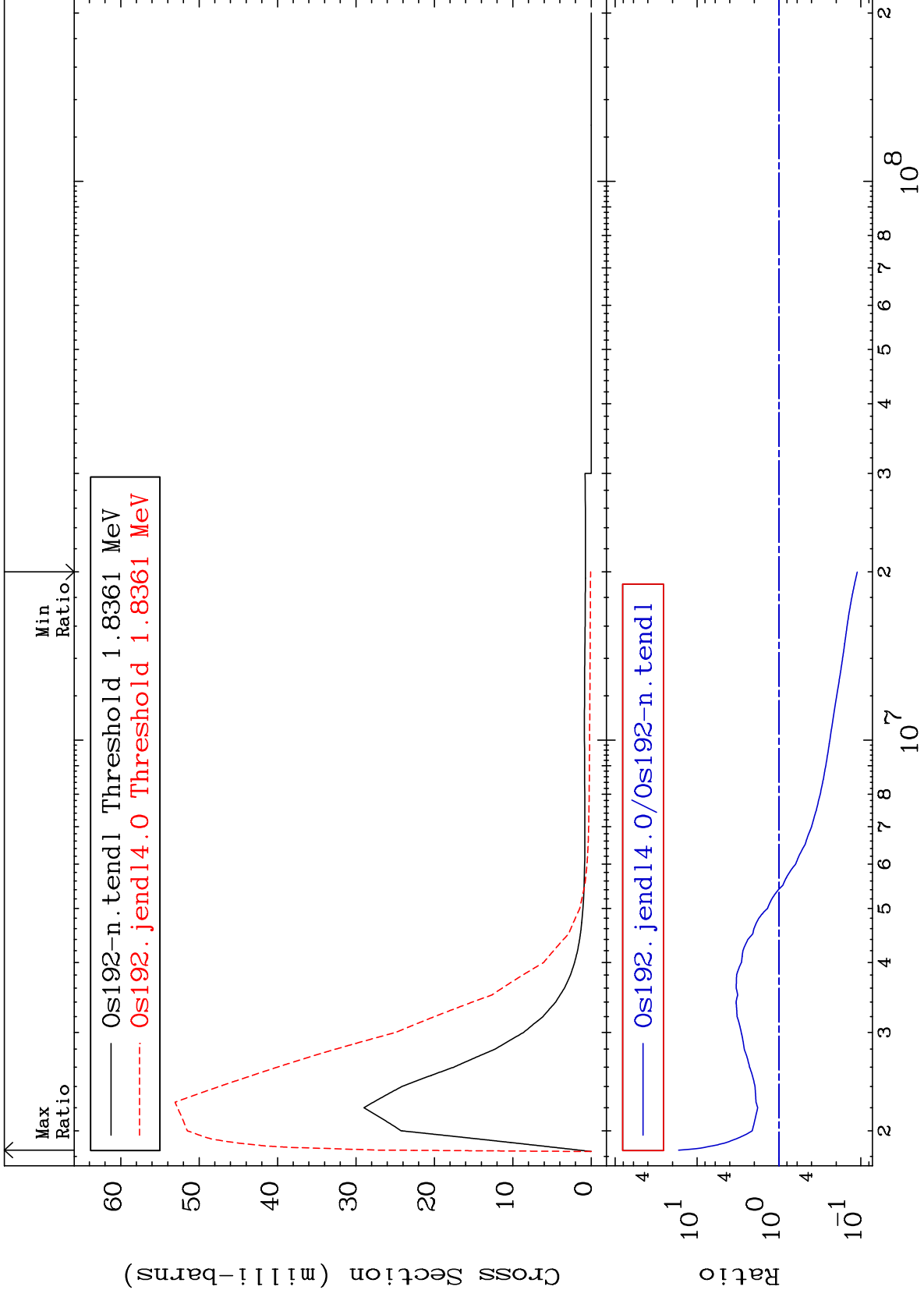
Cross Section



MAT 7649

1.827 MeV (n,n') Level
Cross Section

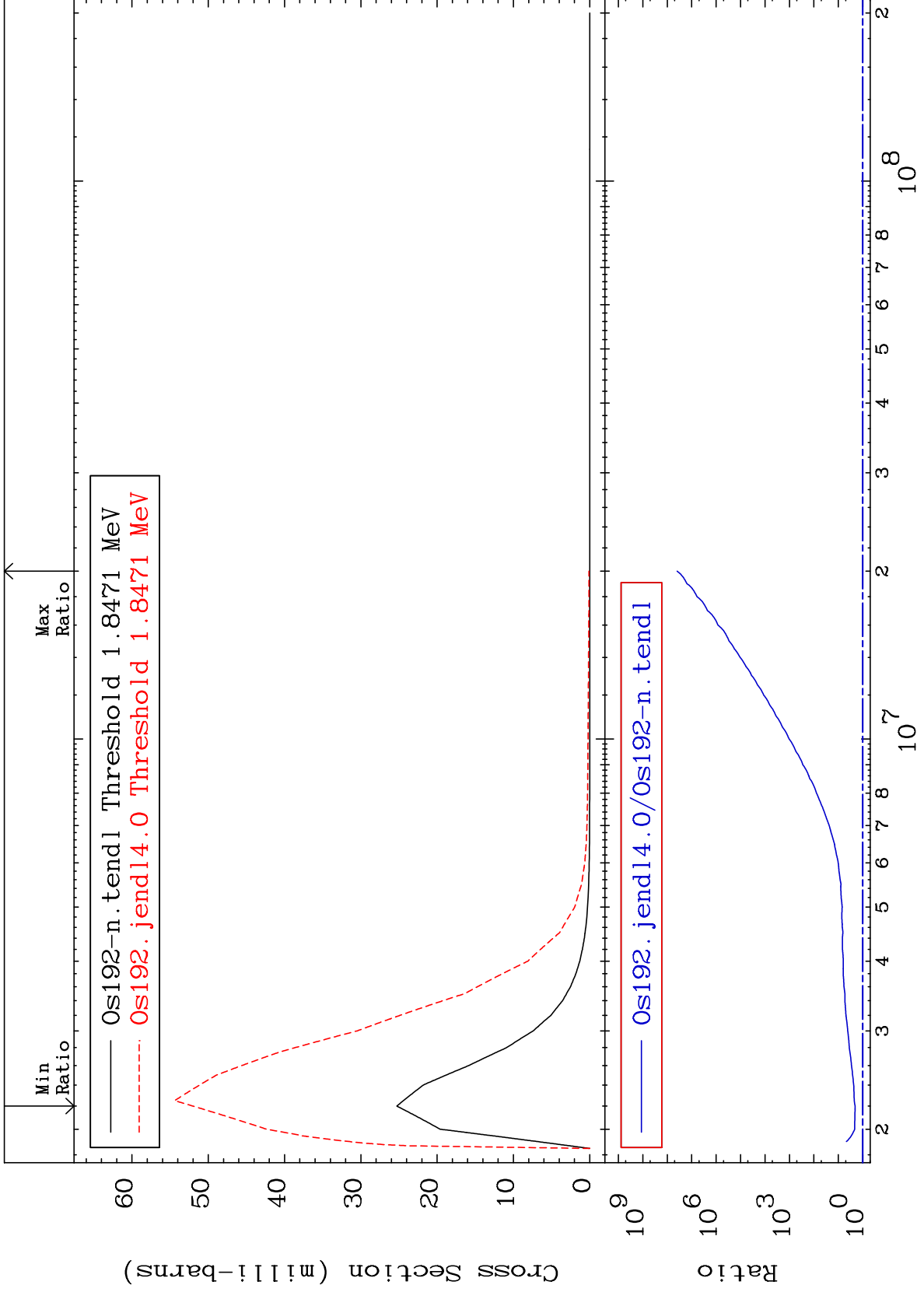
76-0s-192
-88.93 To 1581. %



MAT 7649

1.837 MeV (n,n') Level
Cross Section

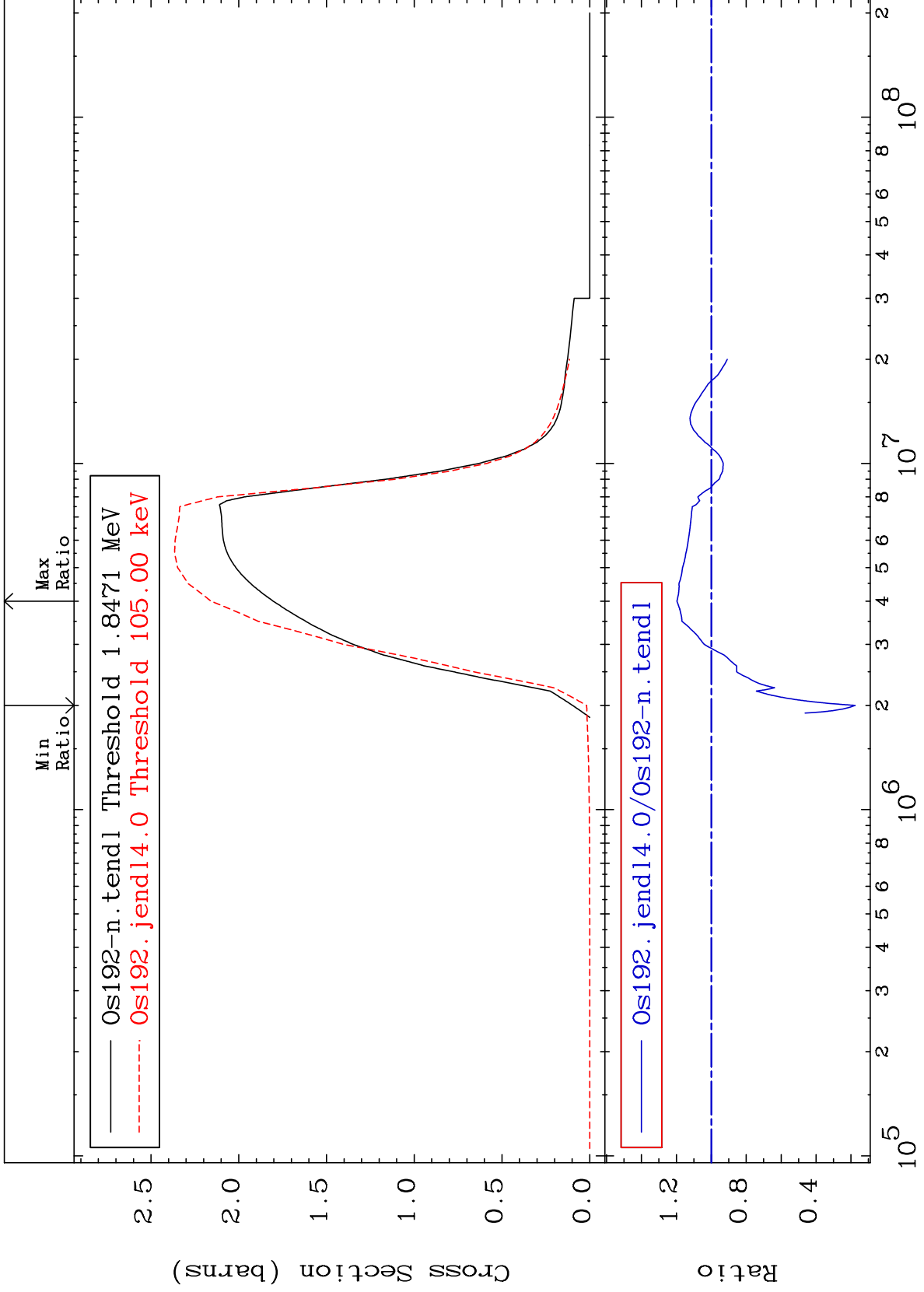
76-0s-192
105.7 To 9999. %



MAT 7649

(n, n') Continuum
Cross Section

76-0s-192
-82.35 To 19.68 %



39

Incident Energy (eV)

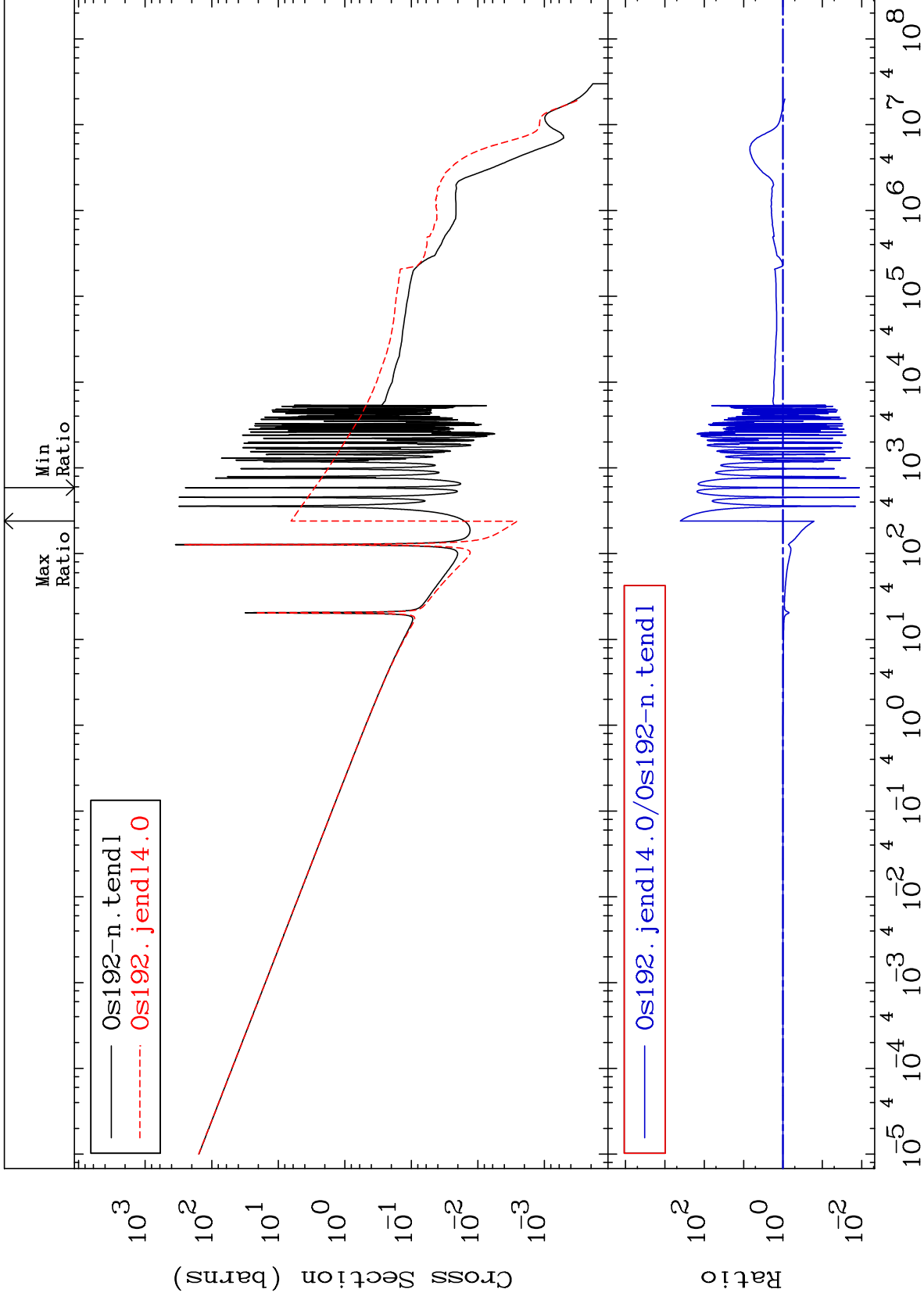
76-0s-192

MAT 7649

(n, γ)

76-0s-192
-98.85 To 9999. %

Cross Section



40

Incident Energy (eV)

76-0s-192

MAT 7649

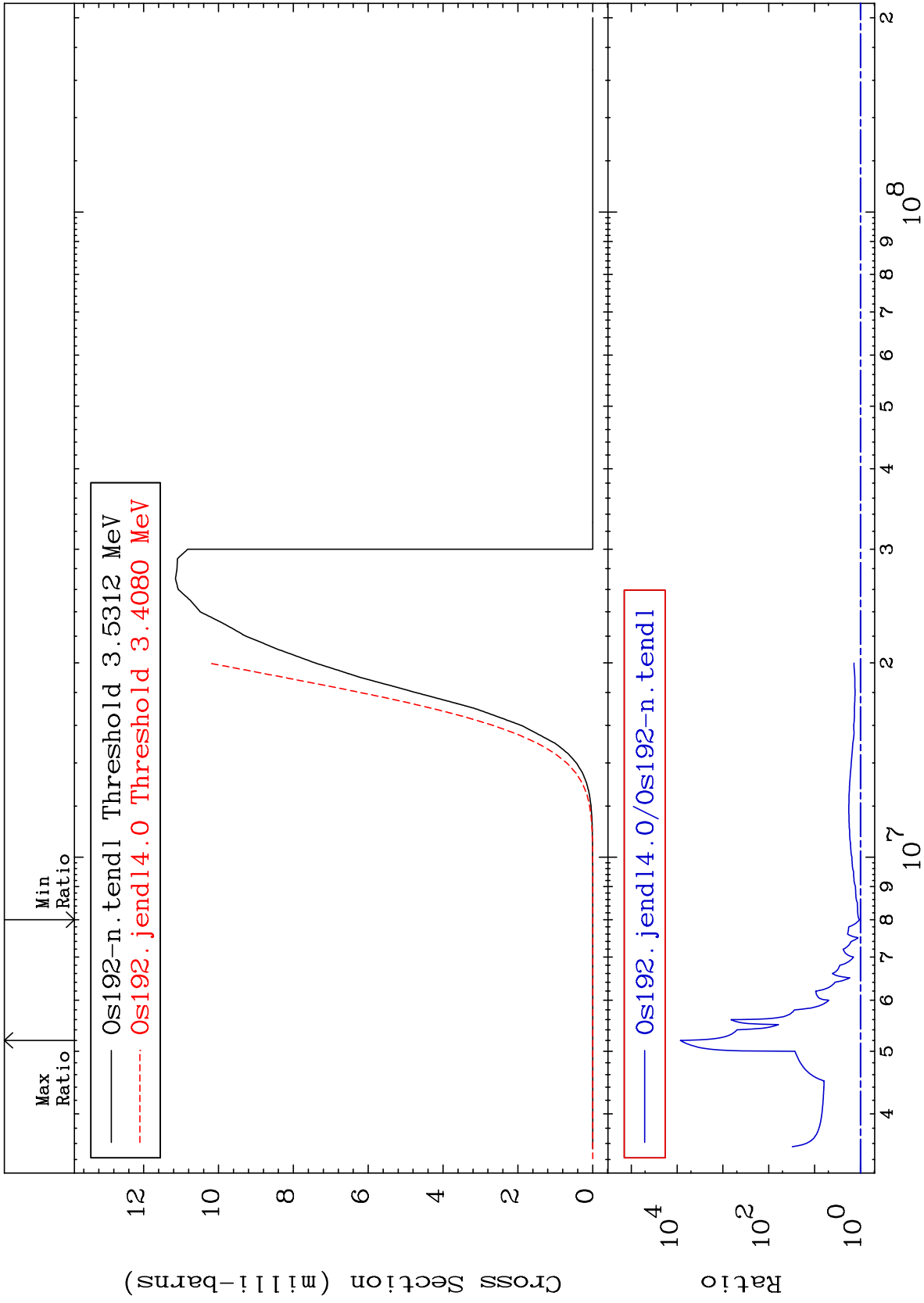
(n,p)

76-0s-192

Cross Section

5.085

To 9999. %



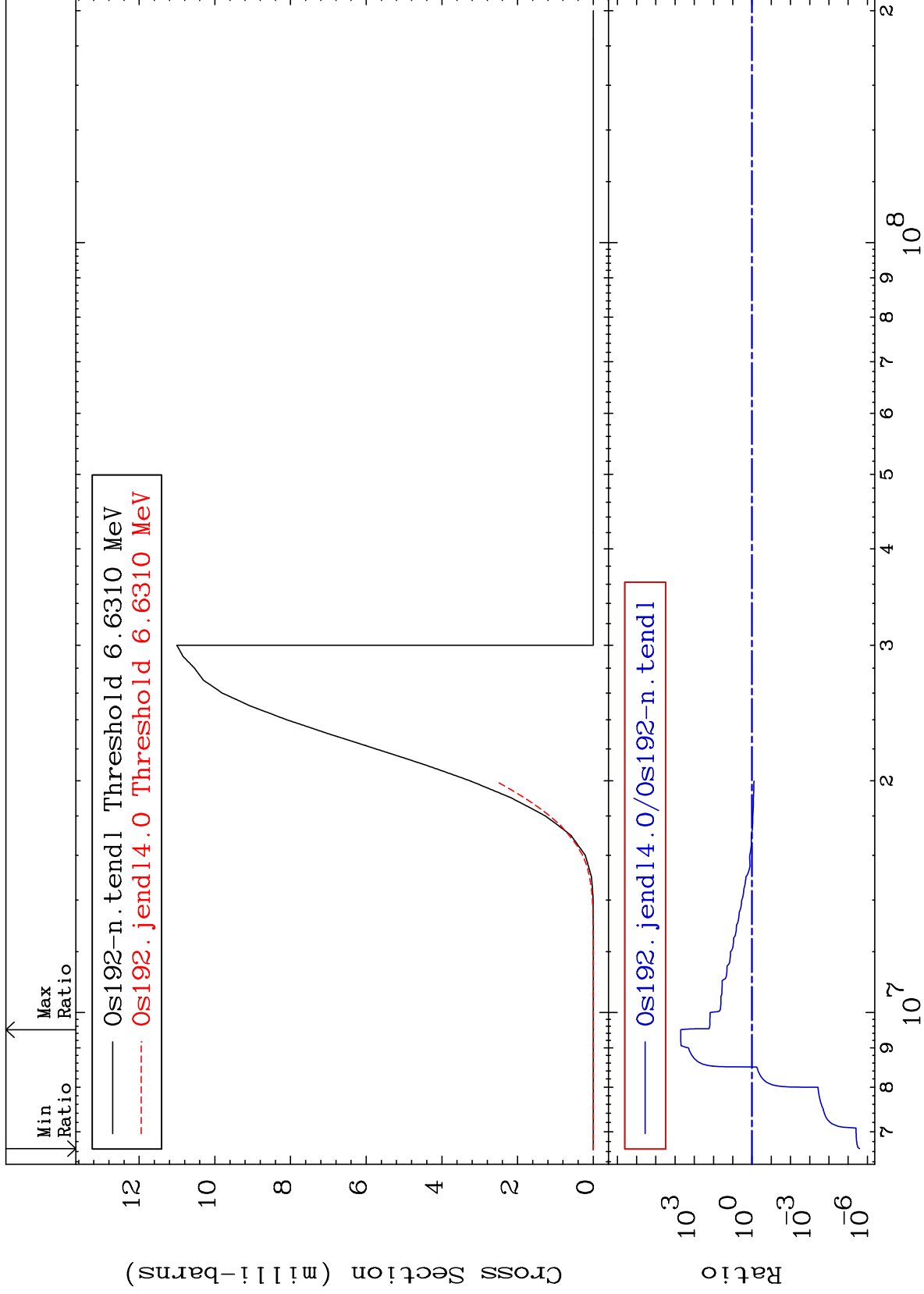
MAT 7649

(n, d)

76-Os-192

Cross Section

-100.0 To 9999. %



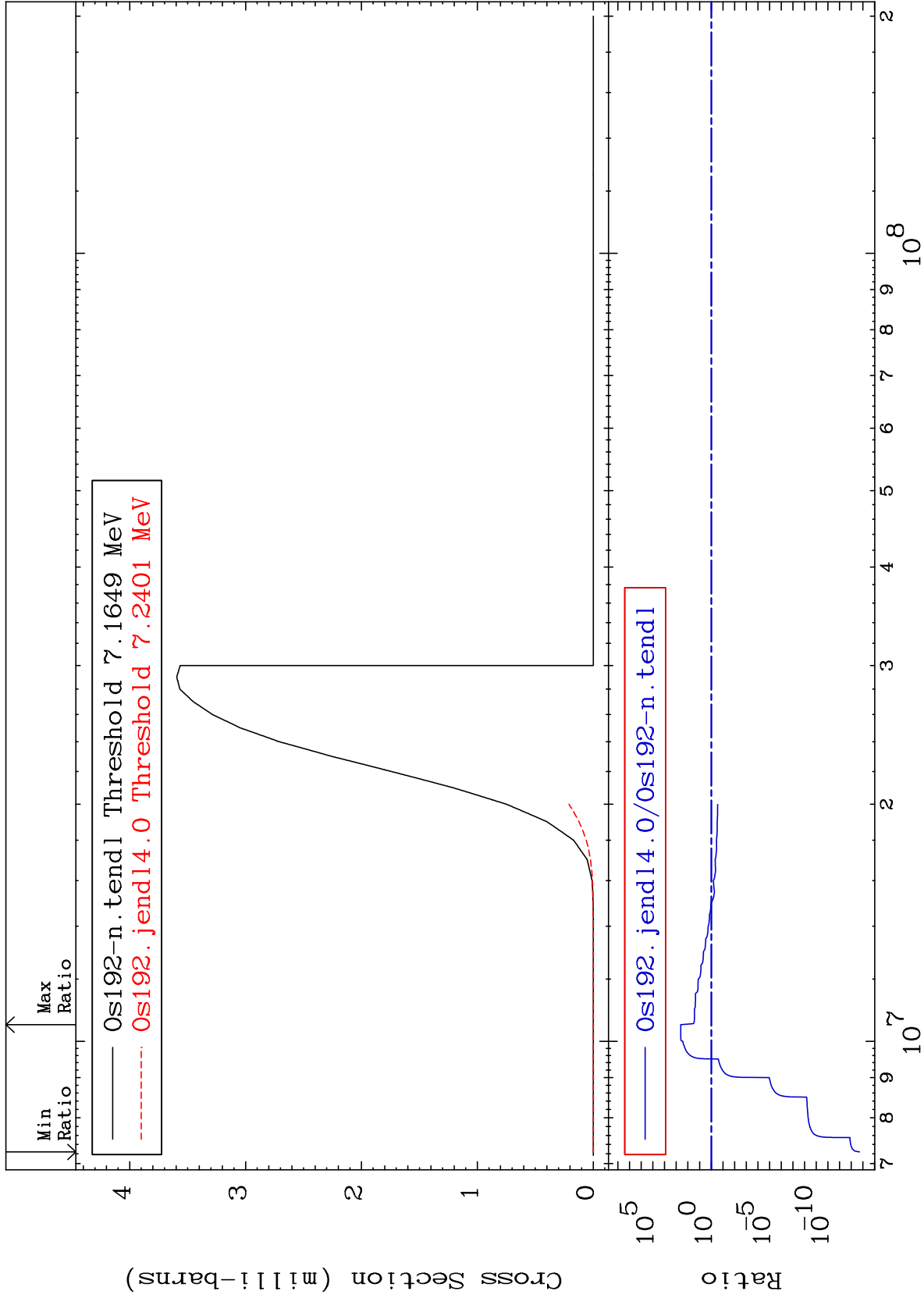
MAT 7649

(n, t)

76-Os-192

Cross Section

-100.0 To 9999. %



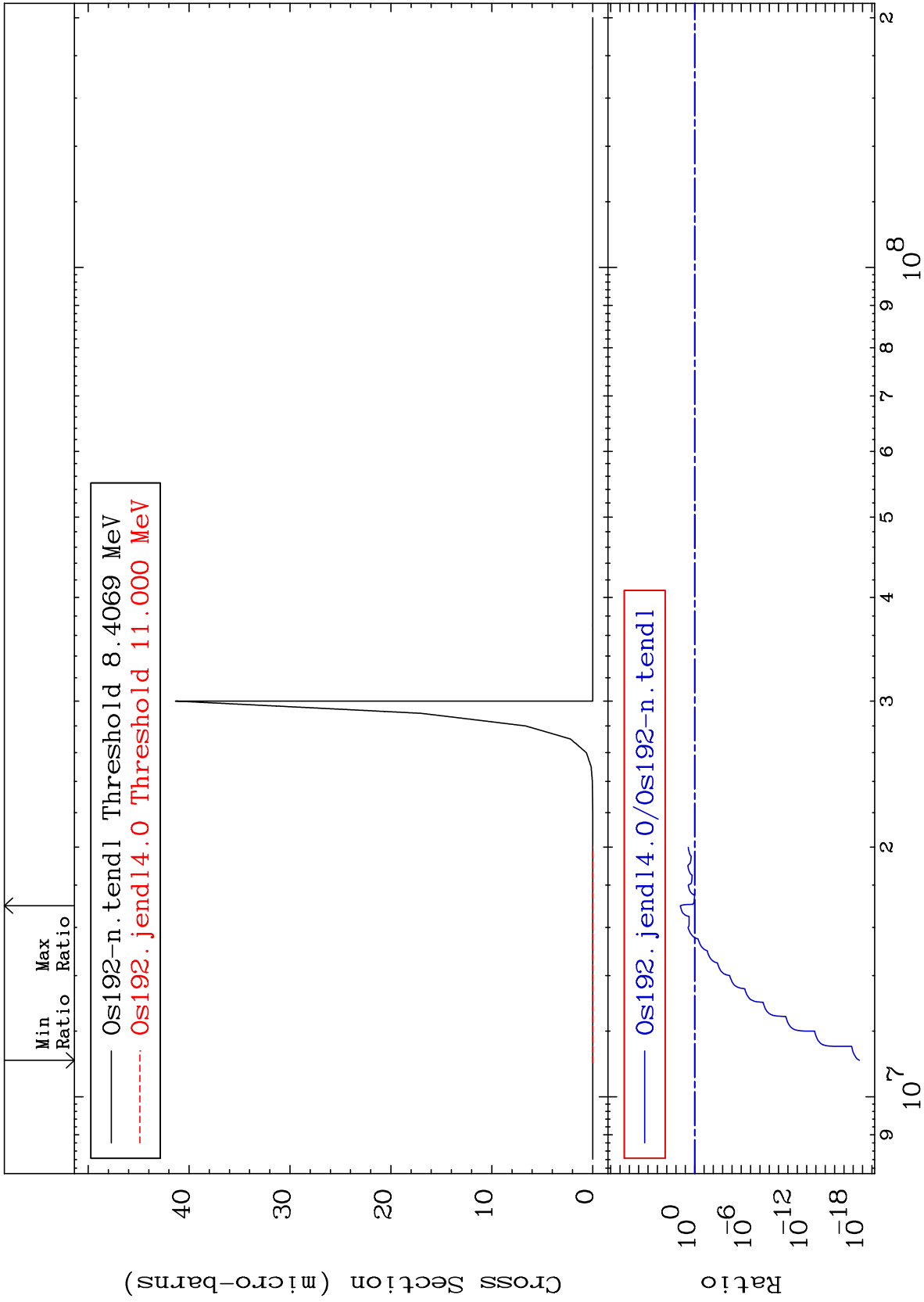
43

Incident Energy (eV)

76-Os-192

Cross Section

-100.0 To 3306. %



MAT 7649

(n, α)

76-0s-192
-100.0 To 3490. %

Cross Section

Min
Ratio

Max
Ratio

— 0s192-n.tendl
- - - 0s192.jendl4.0

— 0s192.jendl4.0/0s192-n.tendl

10^{-2}

10^{-4}

10^{-6}

10^{-8}

10^{-10}

10^{-12}

10^{-14}

10^{-16}

40

20

0

Cross Section (barns)

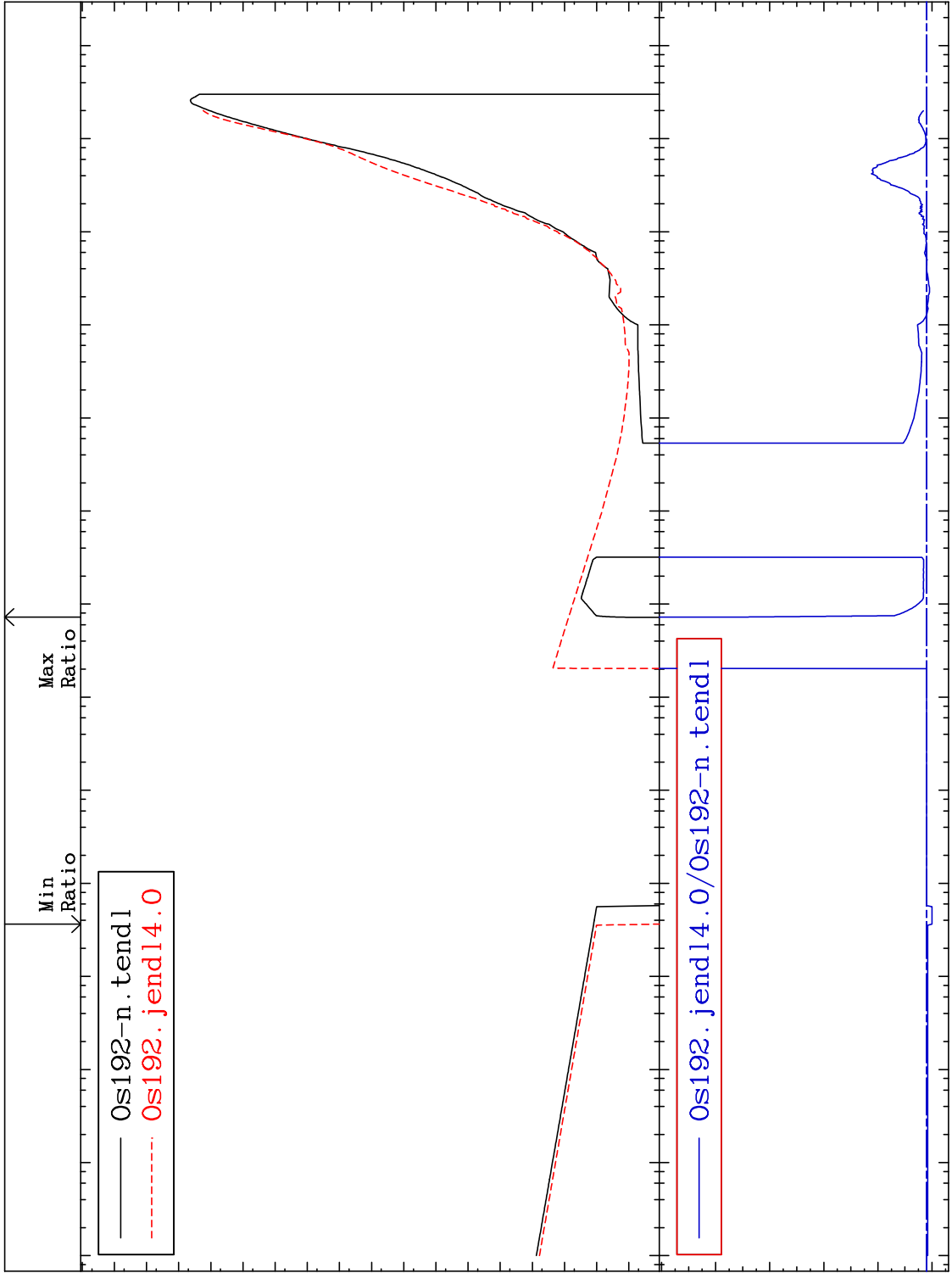
Ratio

10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

Incident Energy (eV)

45

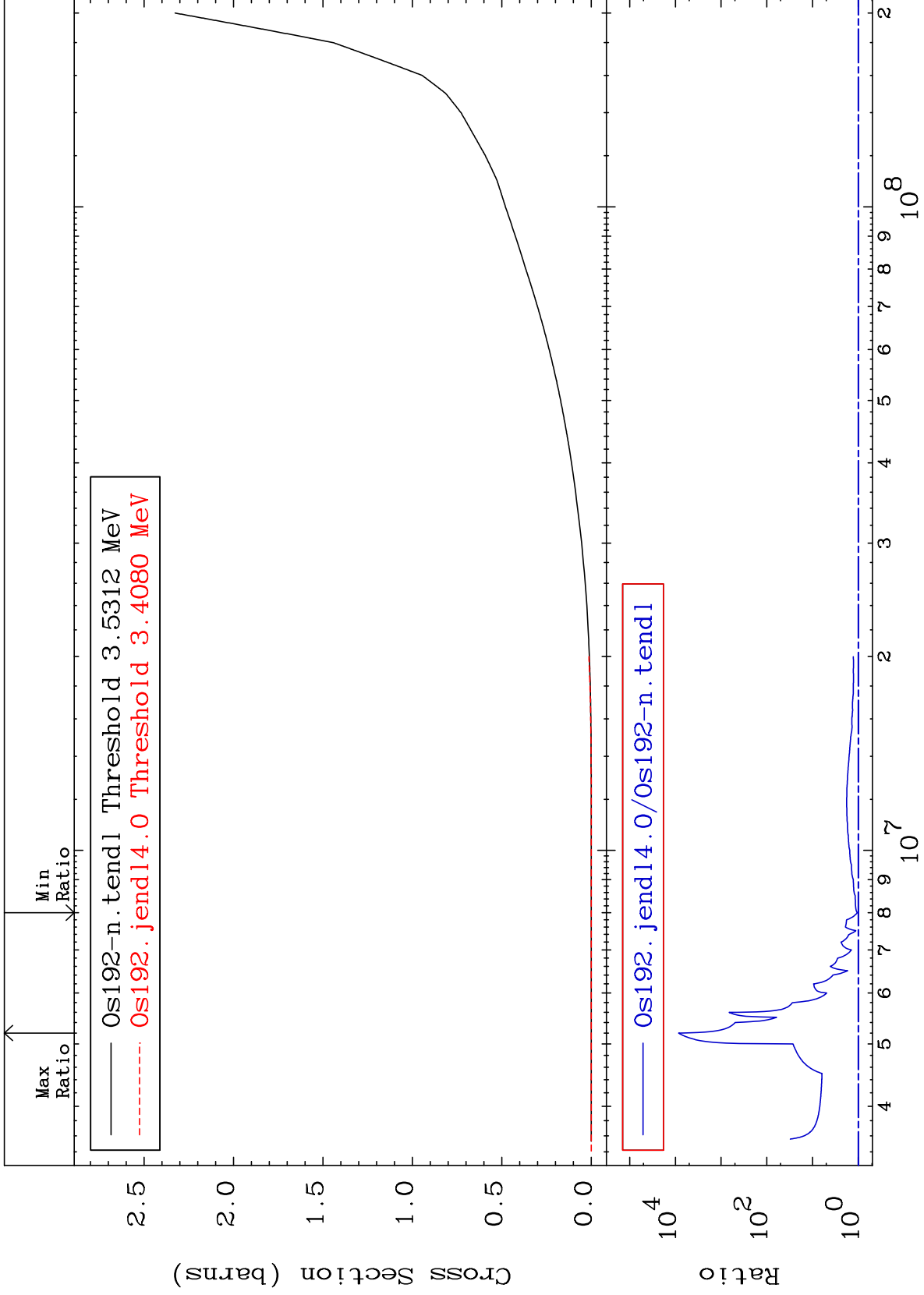
76-0s-192



MAT 7649

Hydrogen Production
Cross Section

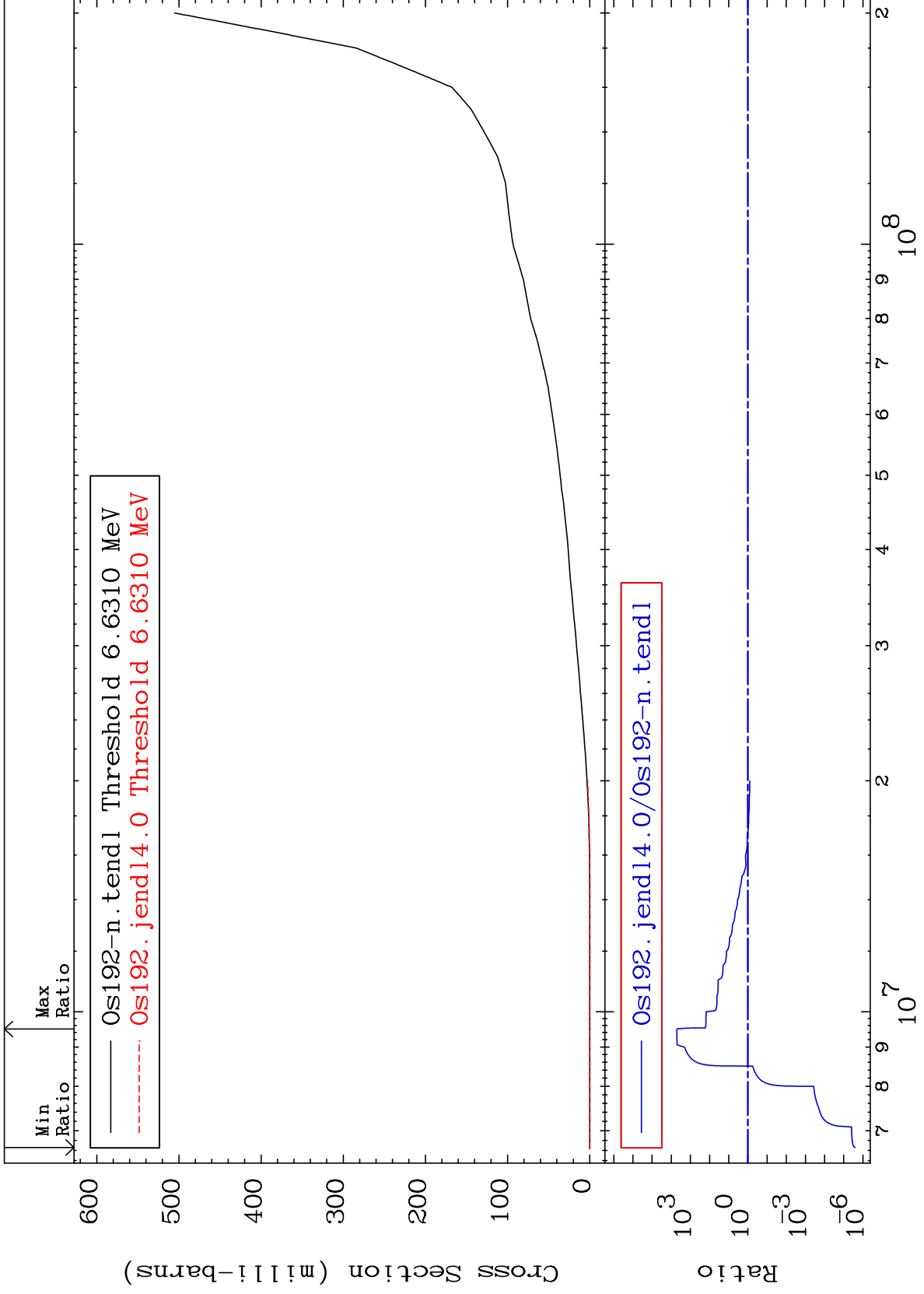
76-0s-192
To 9999. %
5.085



MAT 7649

Deuterium Production
Cross Section

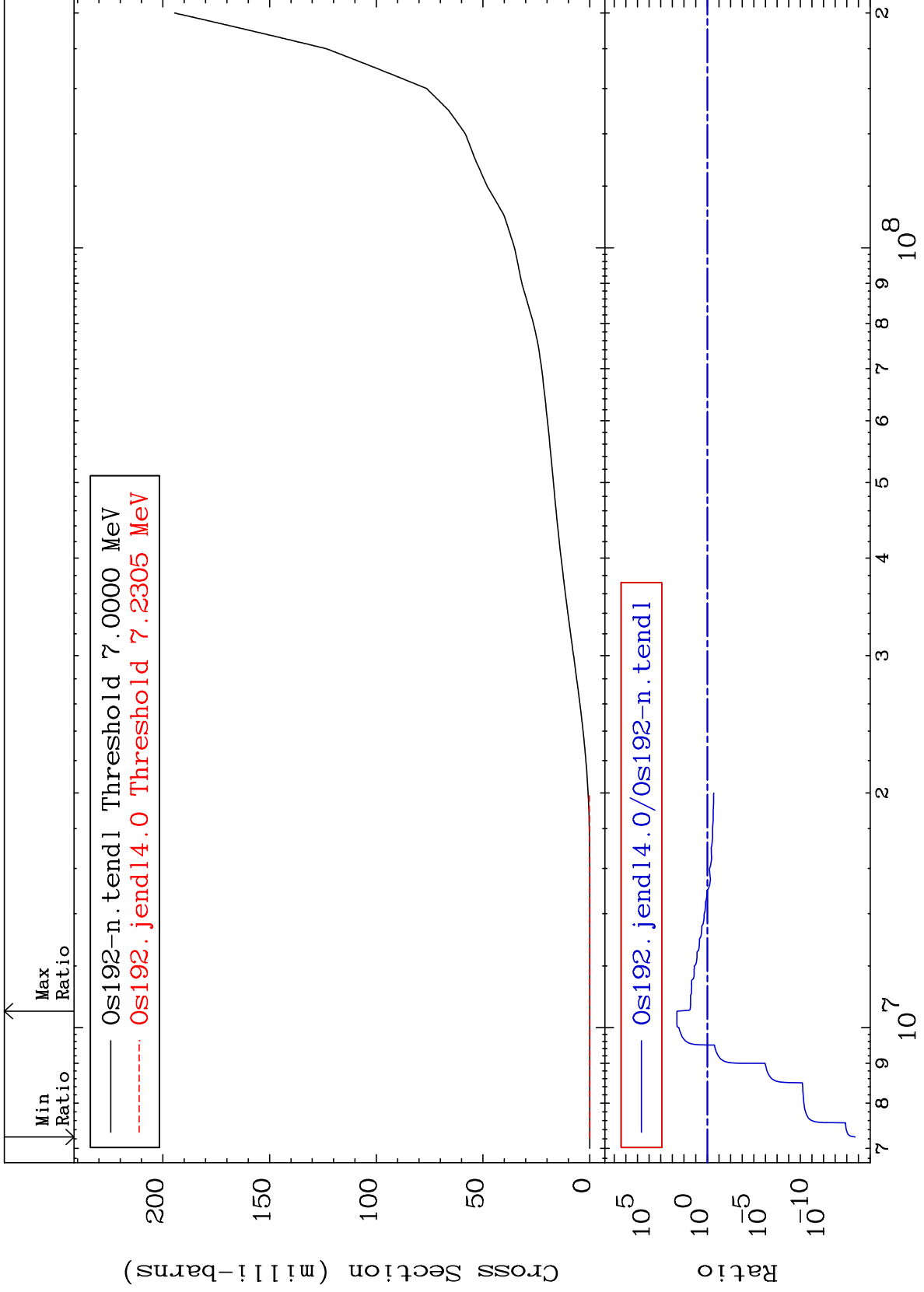
76-0s-192
-100.0 To 9999. %



MAT 7649

Tritium Production
Cross Section

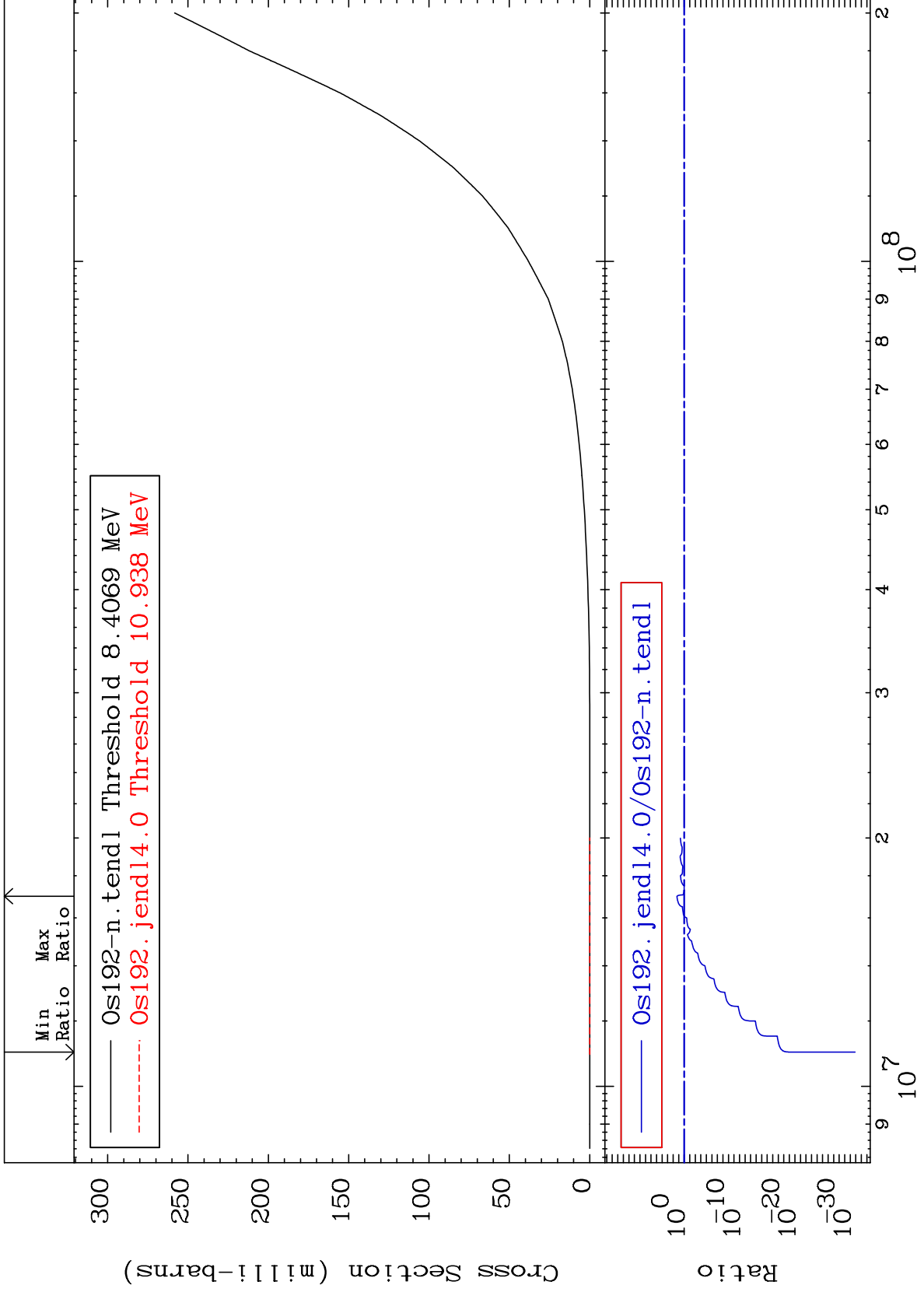
76-0s-192
-100.0 To 9999. %



MAT 7649

He-3 Production
Cross Section

76-0s-192
-100.0 To 1963. %



49

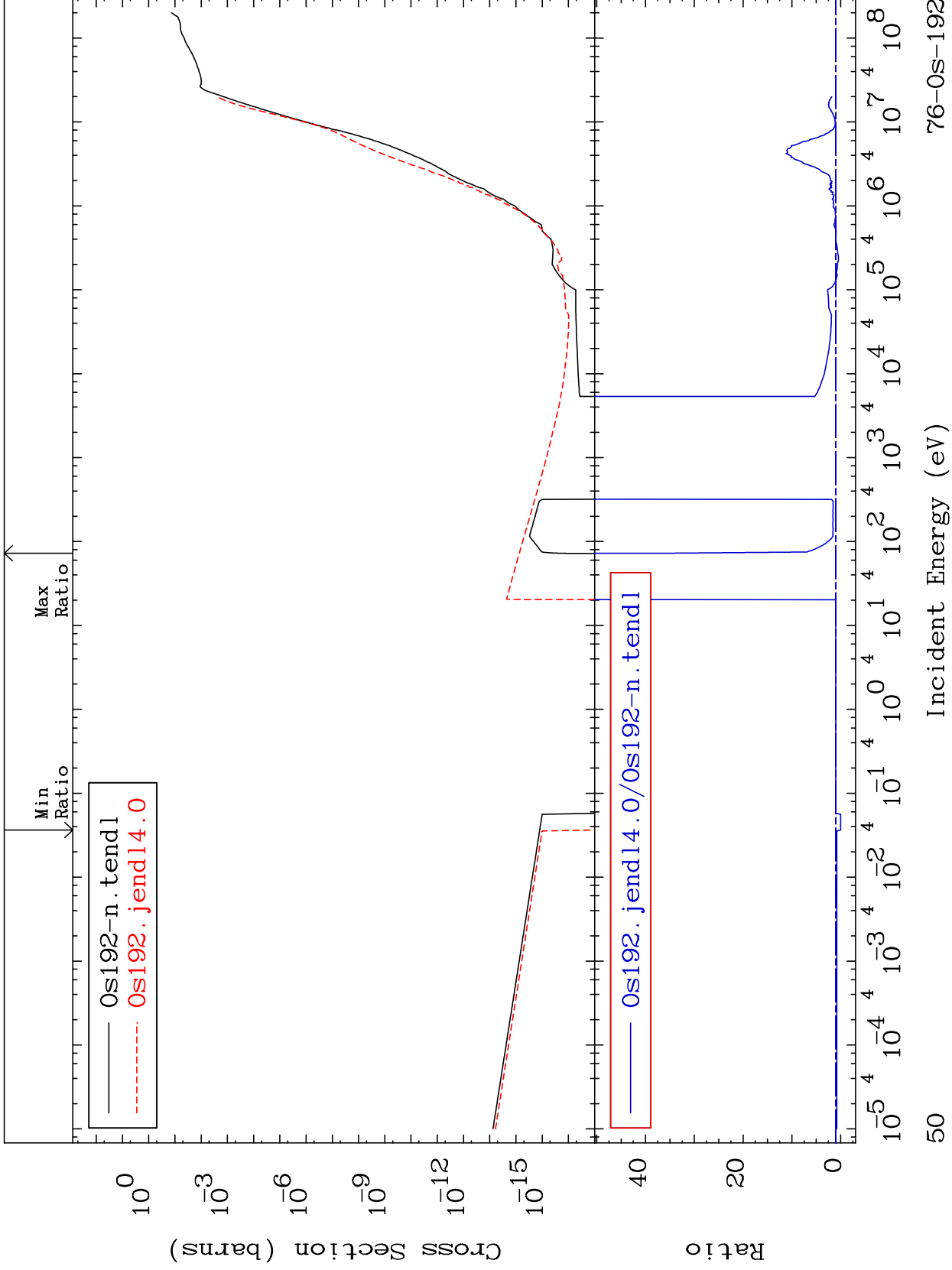
Incident Energy (eV)

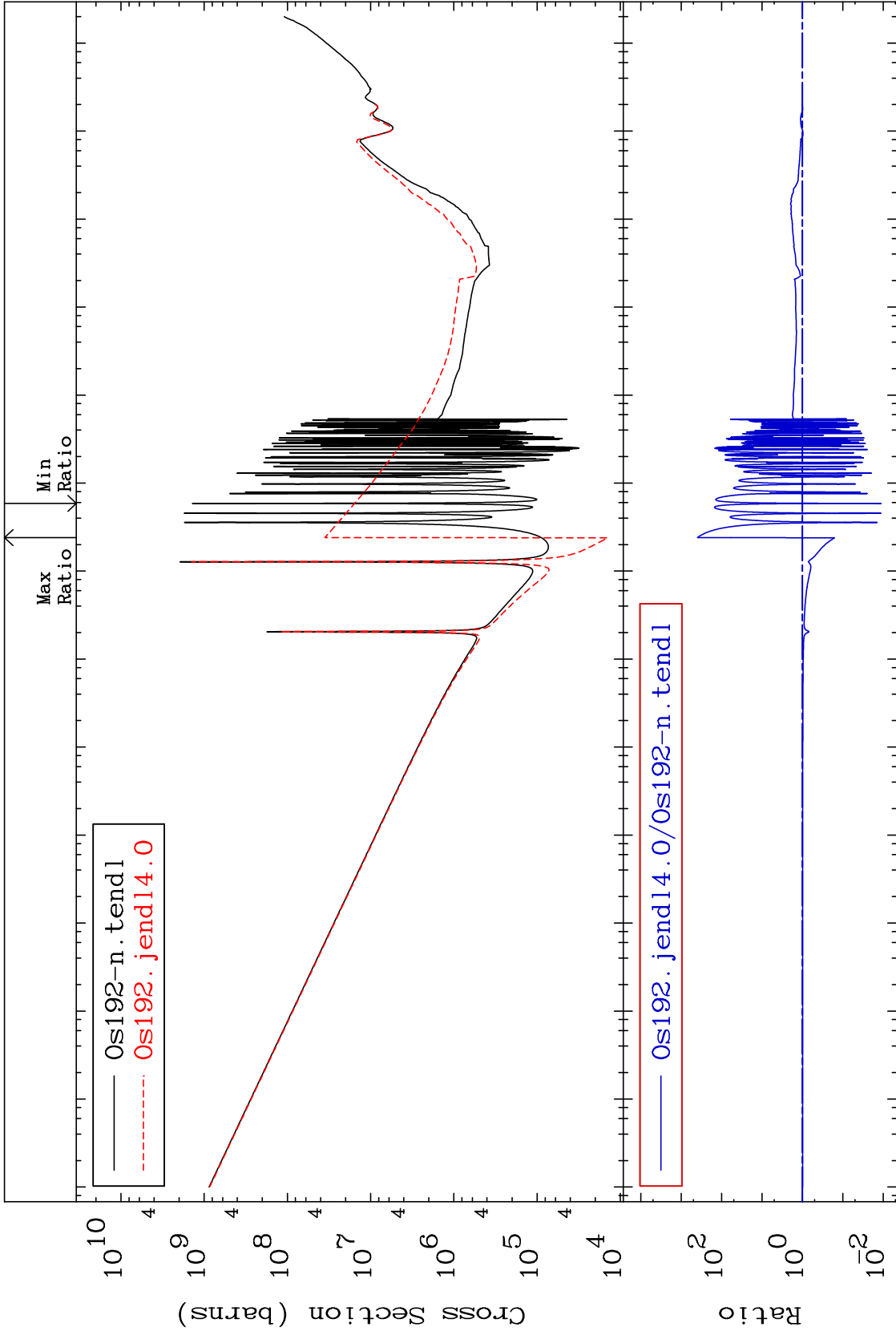
76-0s-192

MAT 7649

He-4 Production
Cross Section

76-0s-192
-100.0 To 3490. %

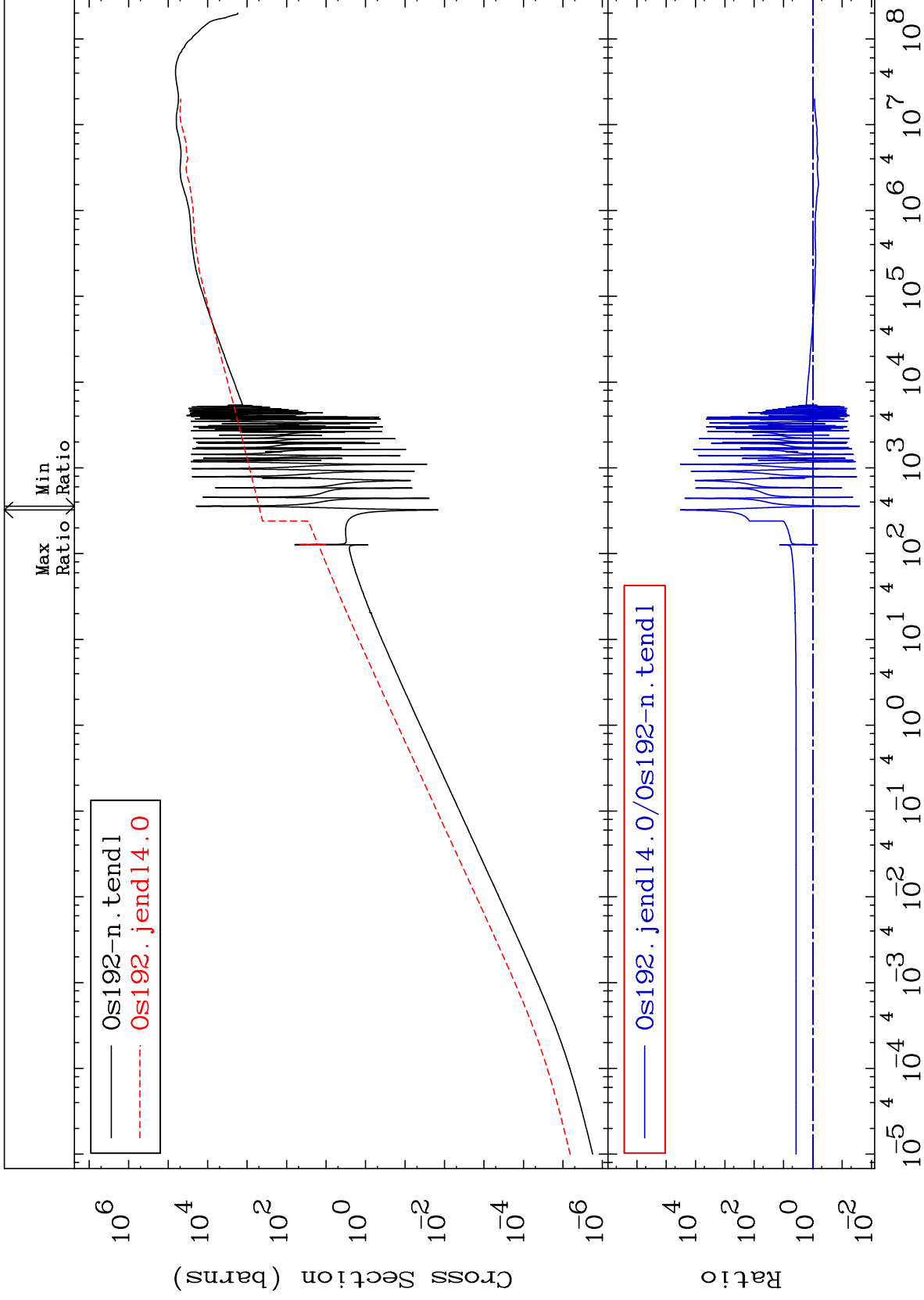


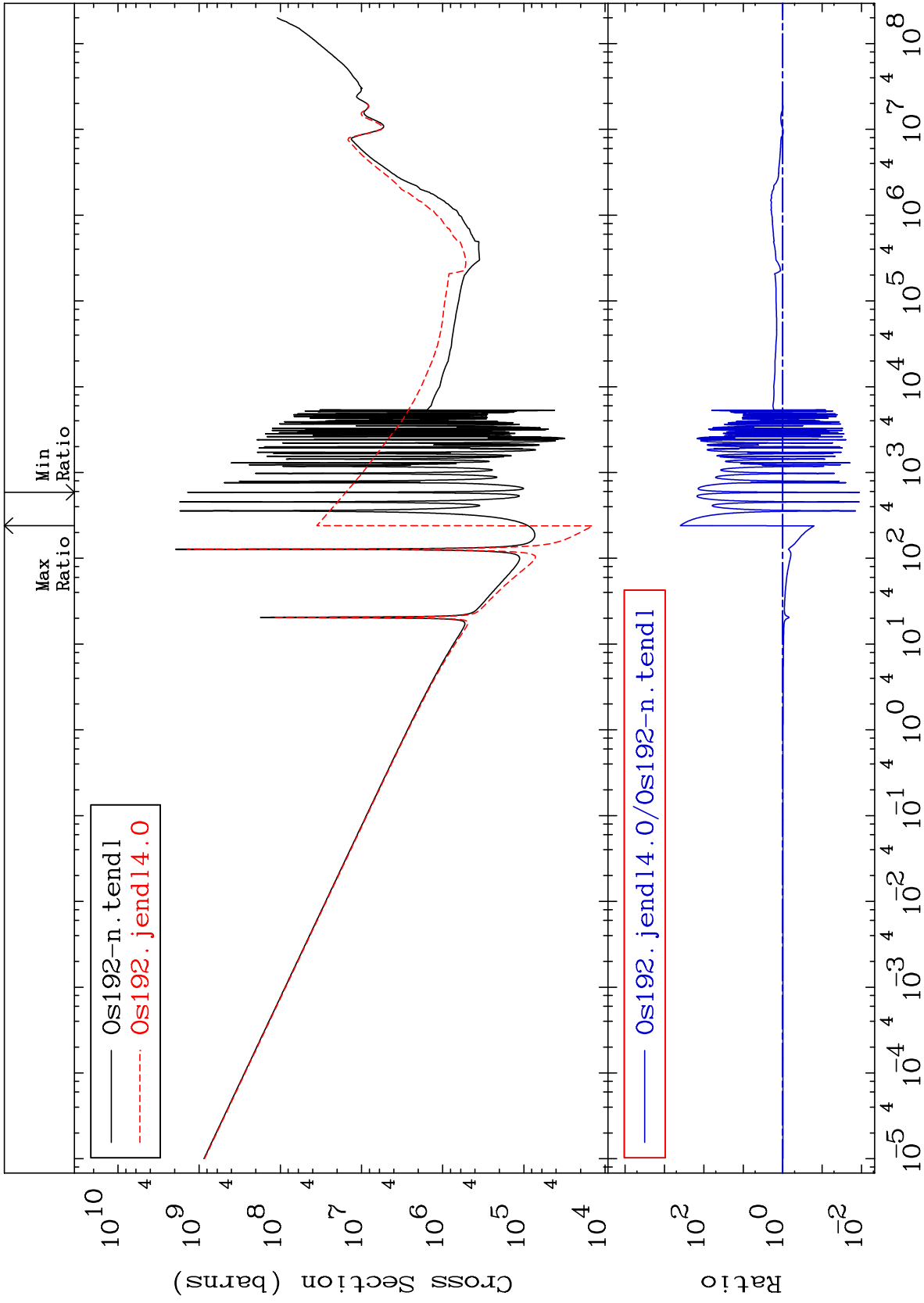


MAT 7649

Kerma elastic
Cross Section

76-0s-192
-97.42 To 9999. %

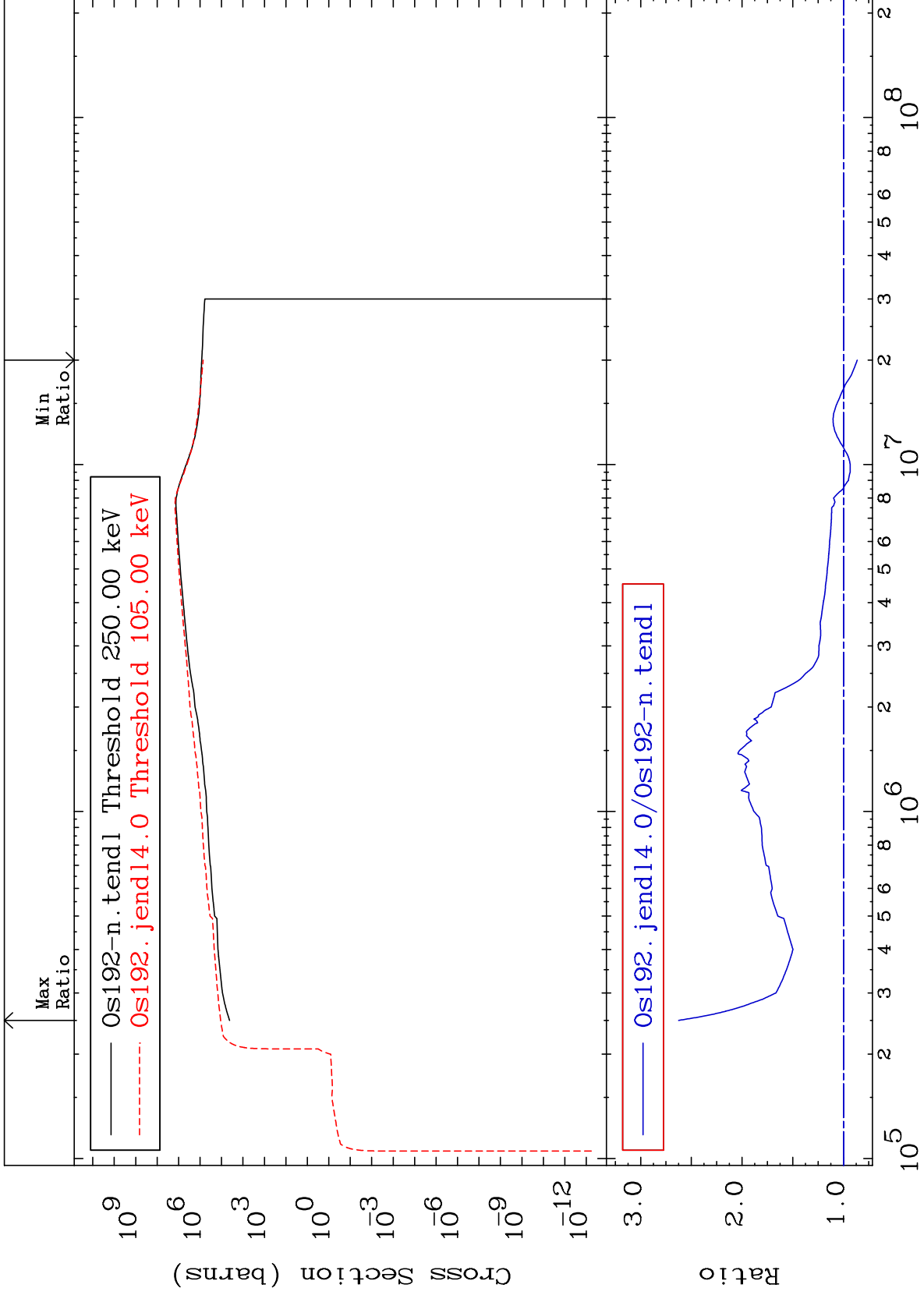




MAT 7649

Kerma inelastic (mt51-91)
Cross Section

76-0s-192
-13.62 To 162.5 %



54

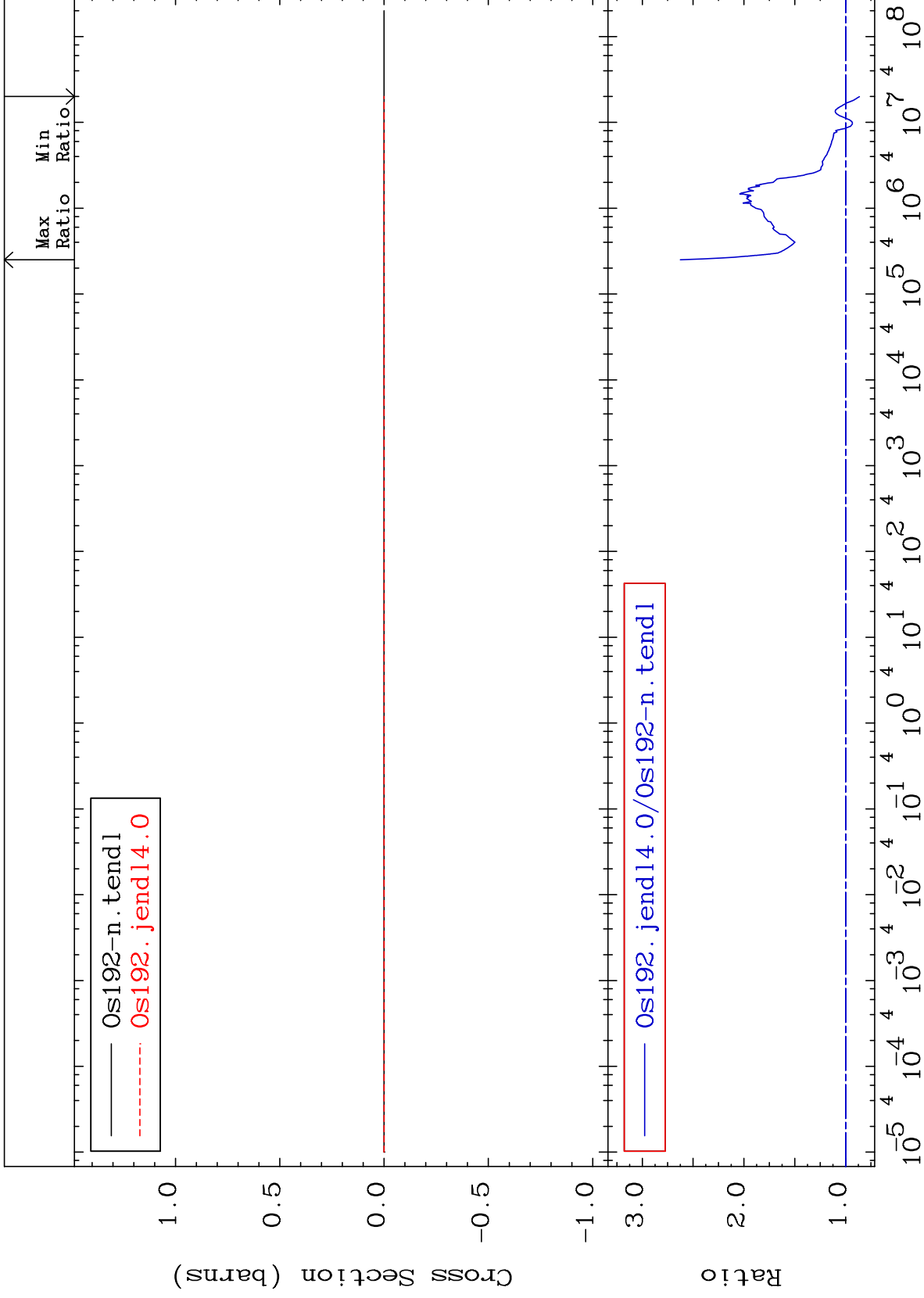
Incident Energy (eV)

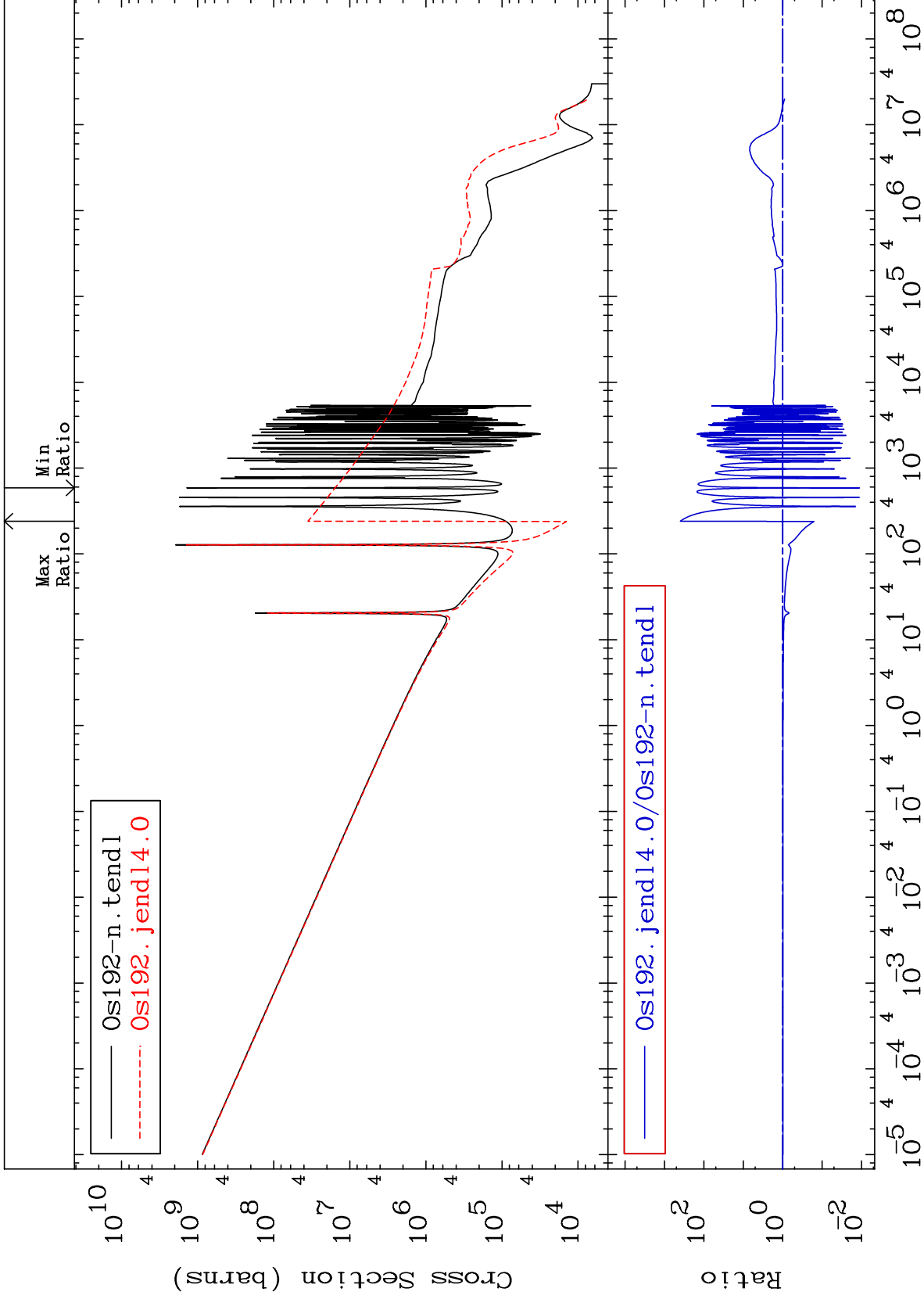
76-0s-192

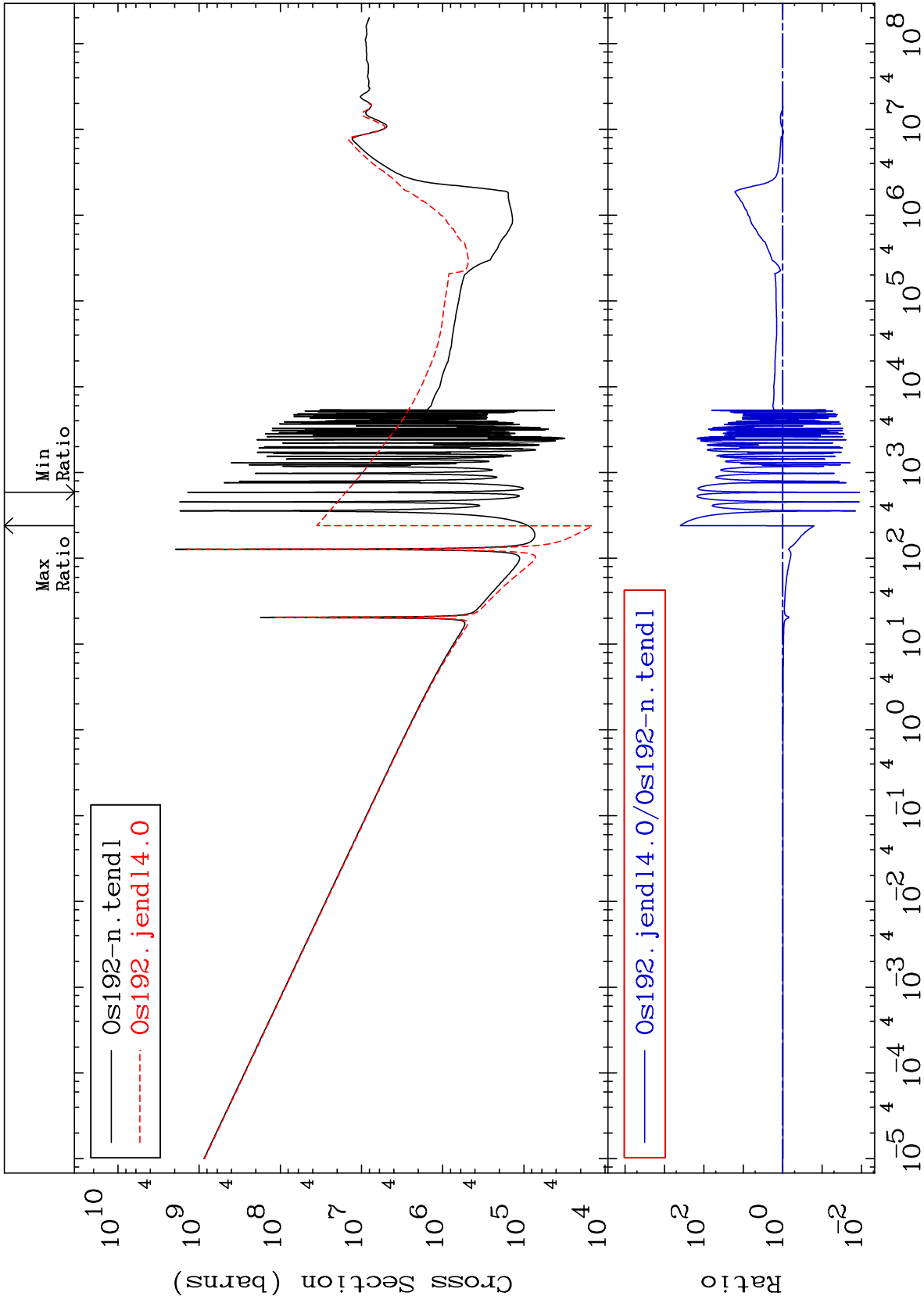
MAT 7649

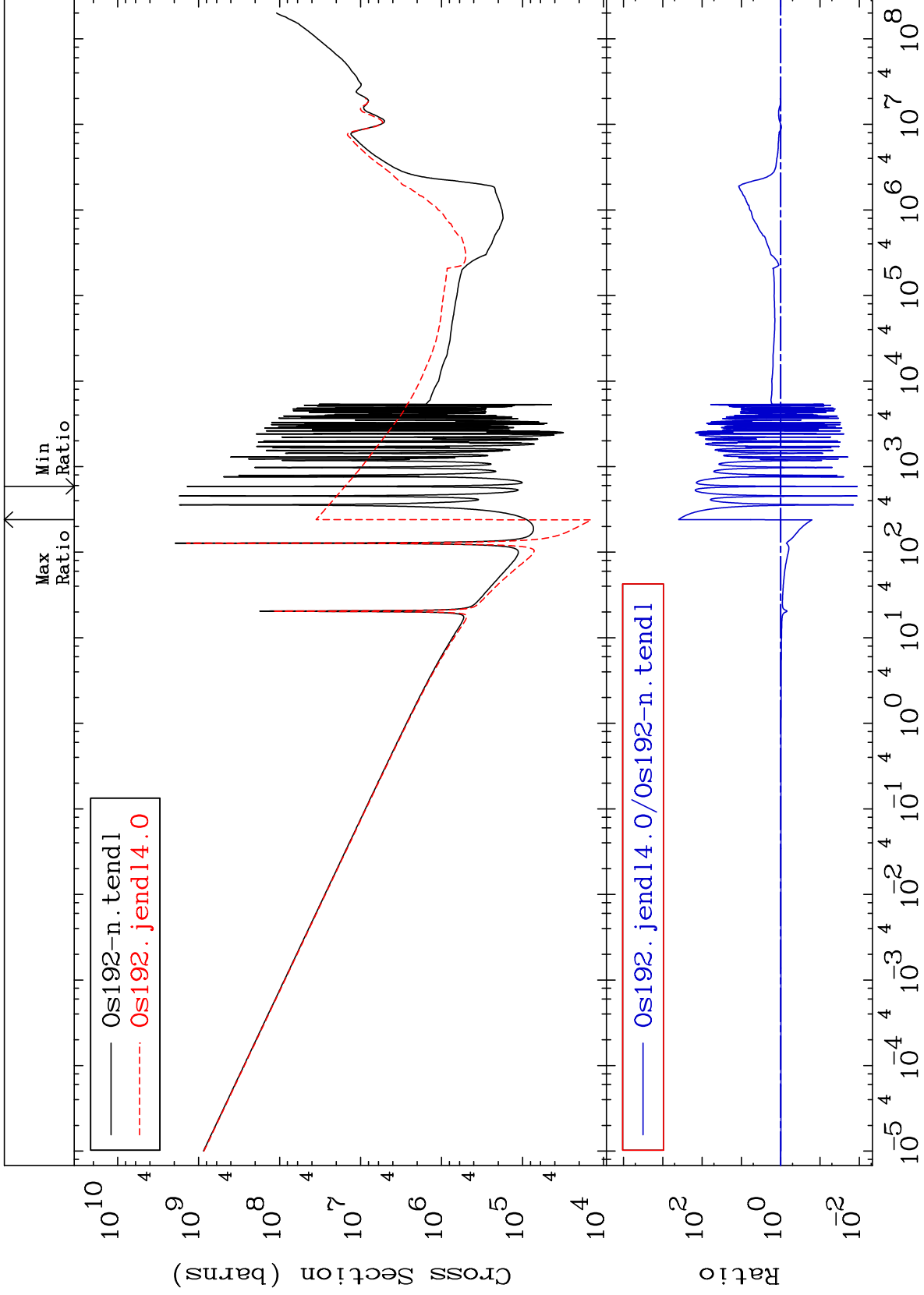
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

76-0s-192
-13.62 To 162.5 %





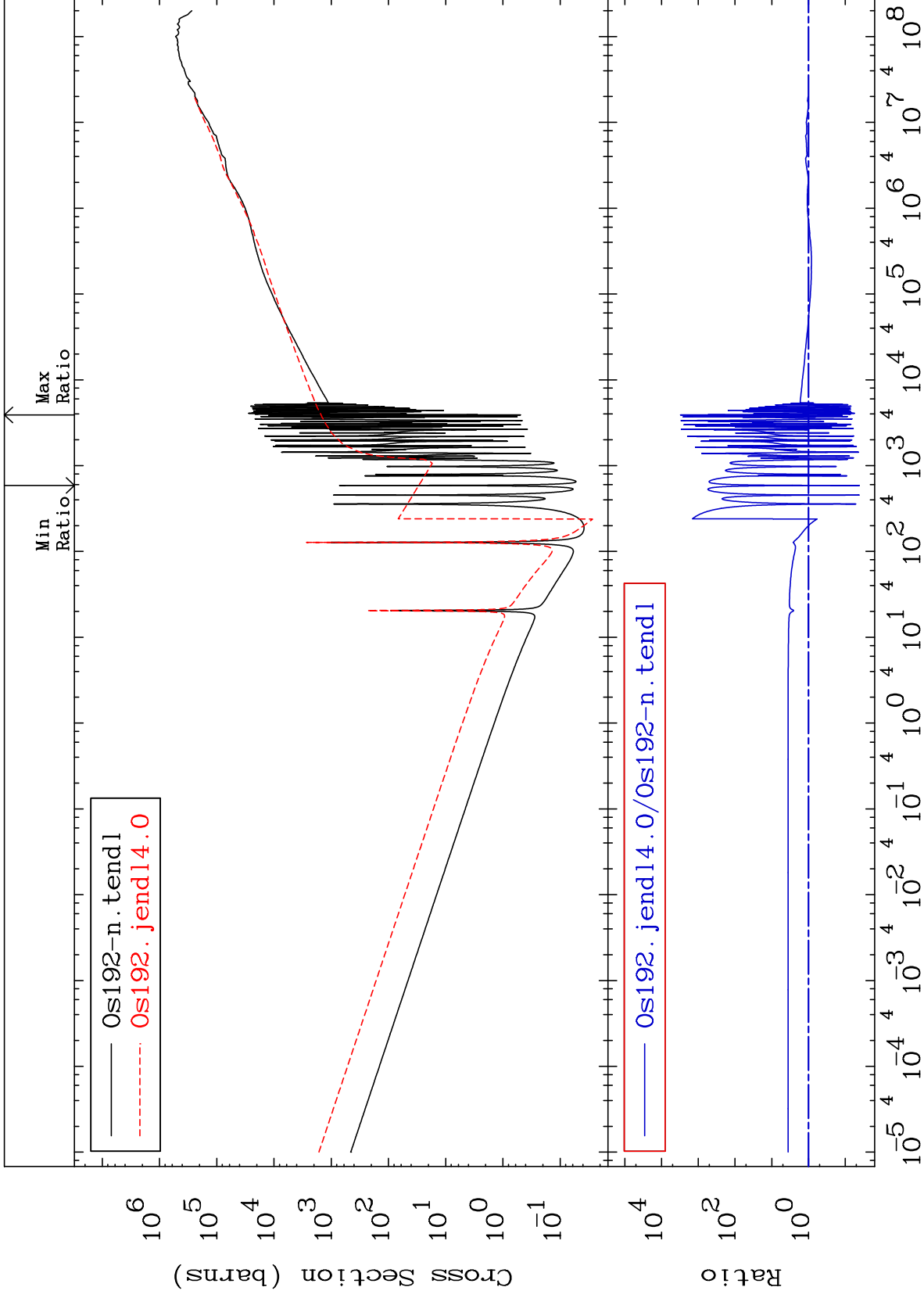




MAT 7649

Dpa total (eV-barns)
Cross Section

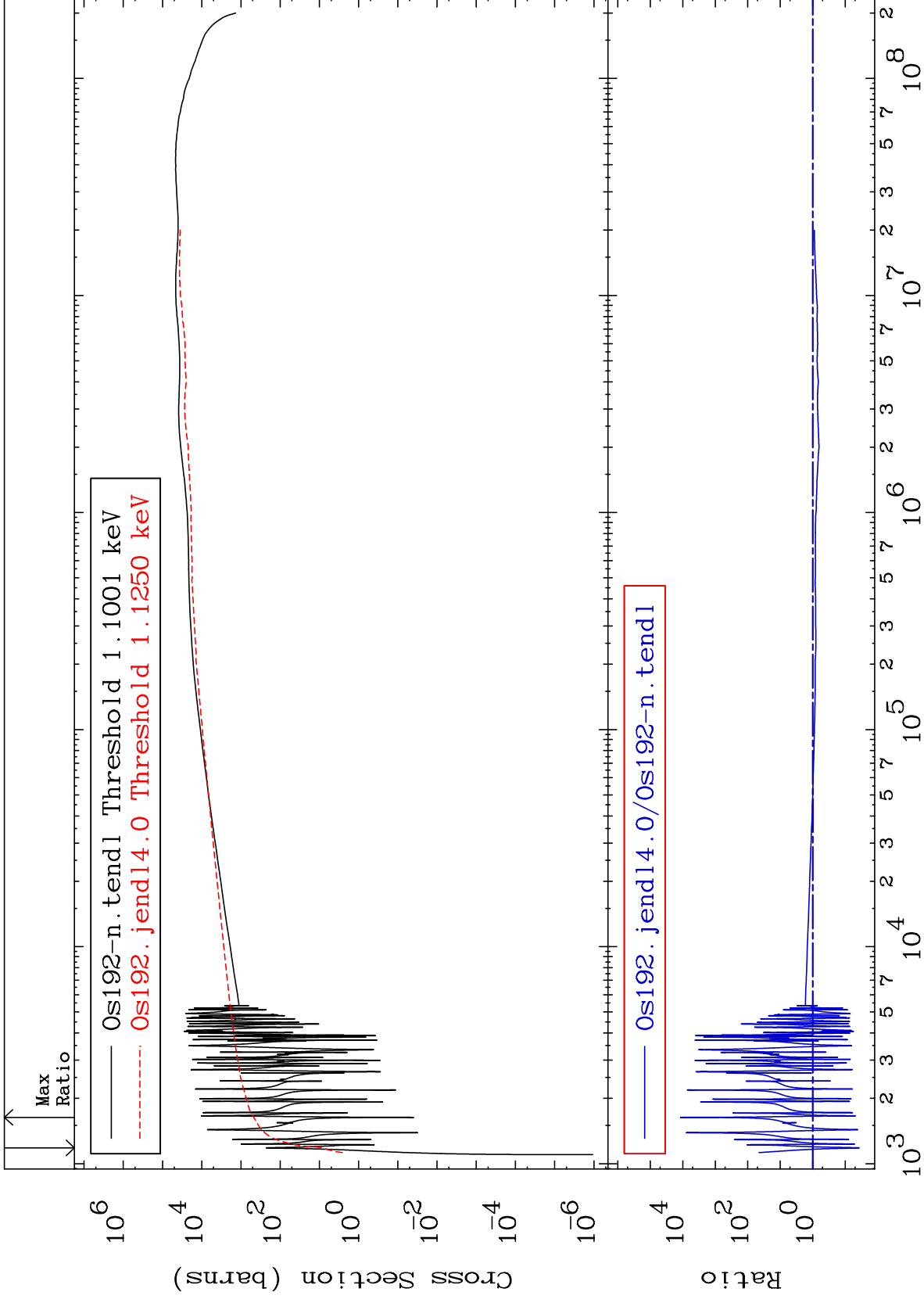
76-0s-192
-95.90 To 9999. %



MAT 7649

Dpa elastic (mt2)
Cross Section

76-0s-192
-96.36 To 9999. %



60

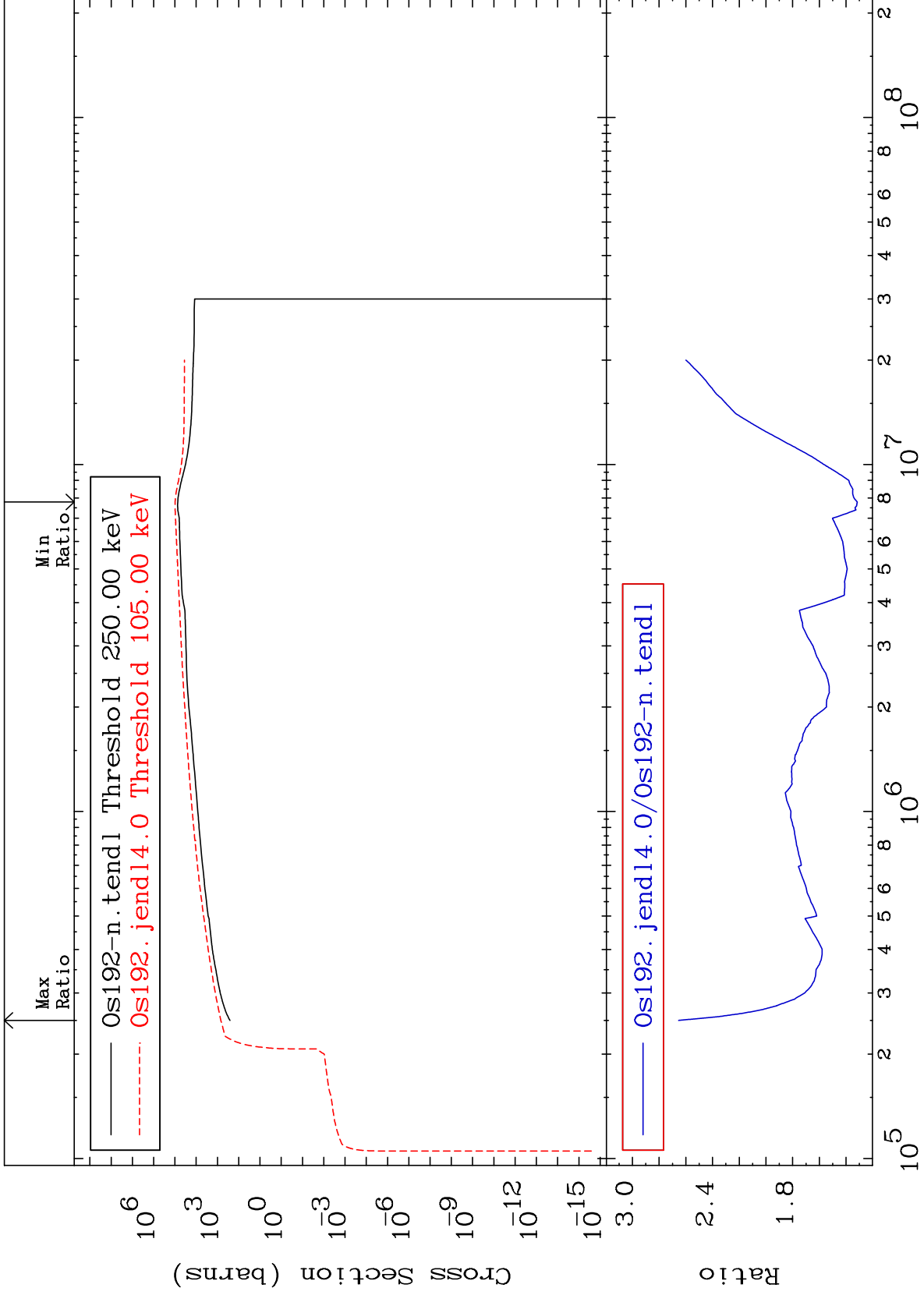
Incident Energy (eV)

76-0s-192

MAT 7649

Dpa inelastic (mt51-91)
Cross Section

76-0s-192
31.60 To 165.4 %



61

76-0s-192

