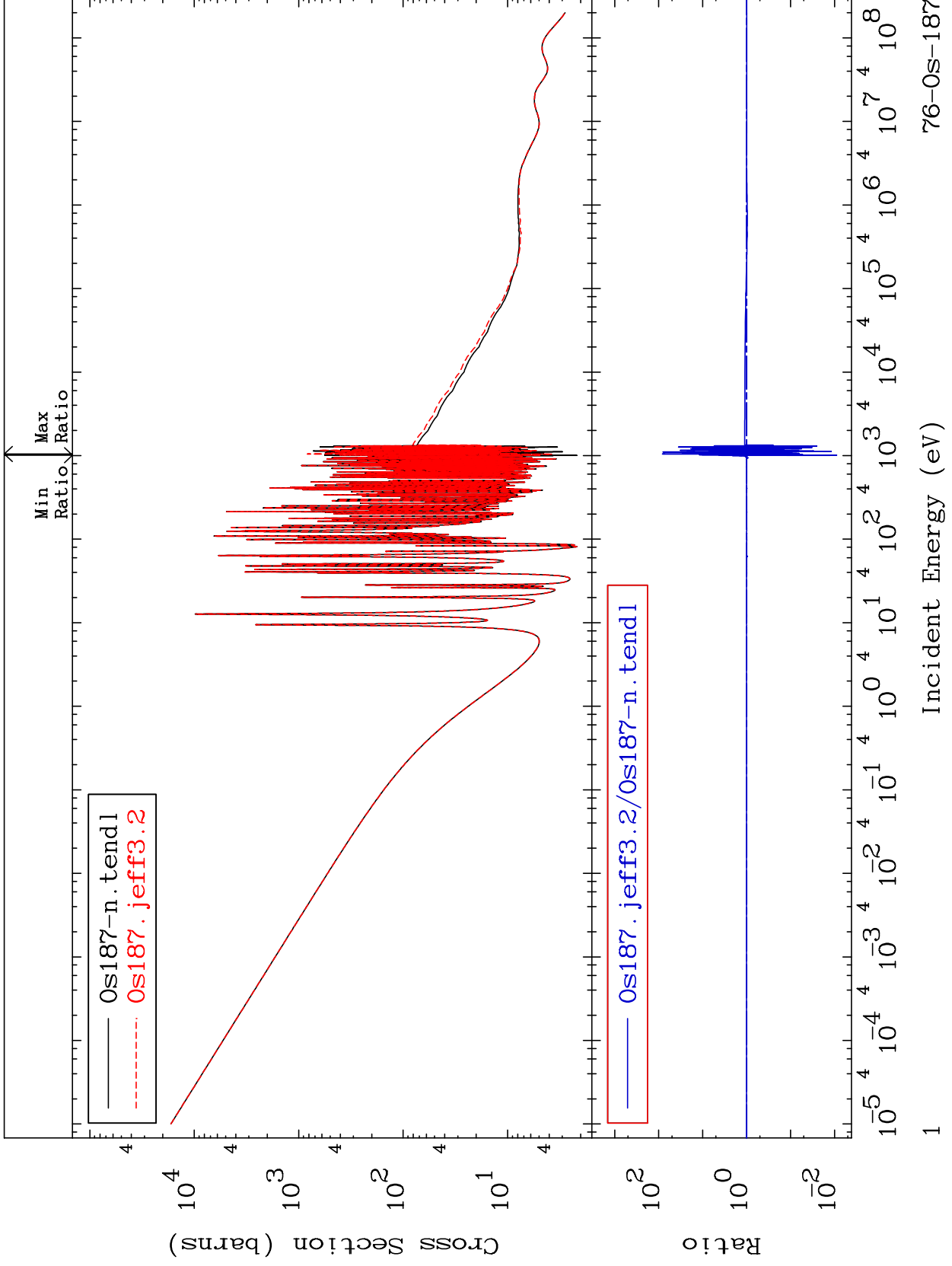


MAT 7634

Total
Cross Section

76-0s-187
-99.10 To 8168. %



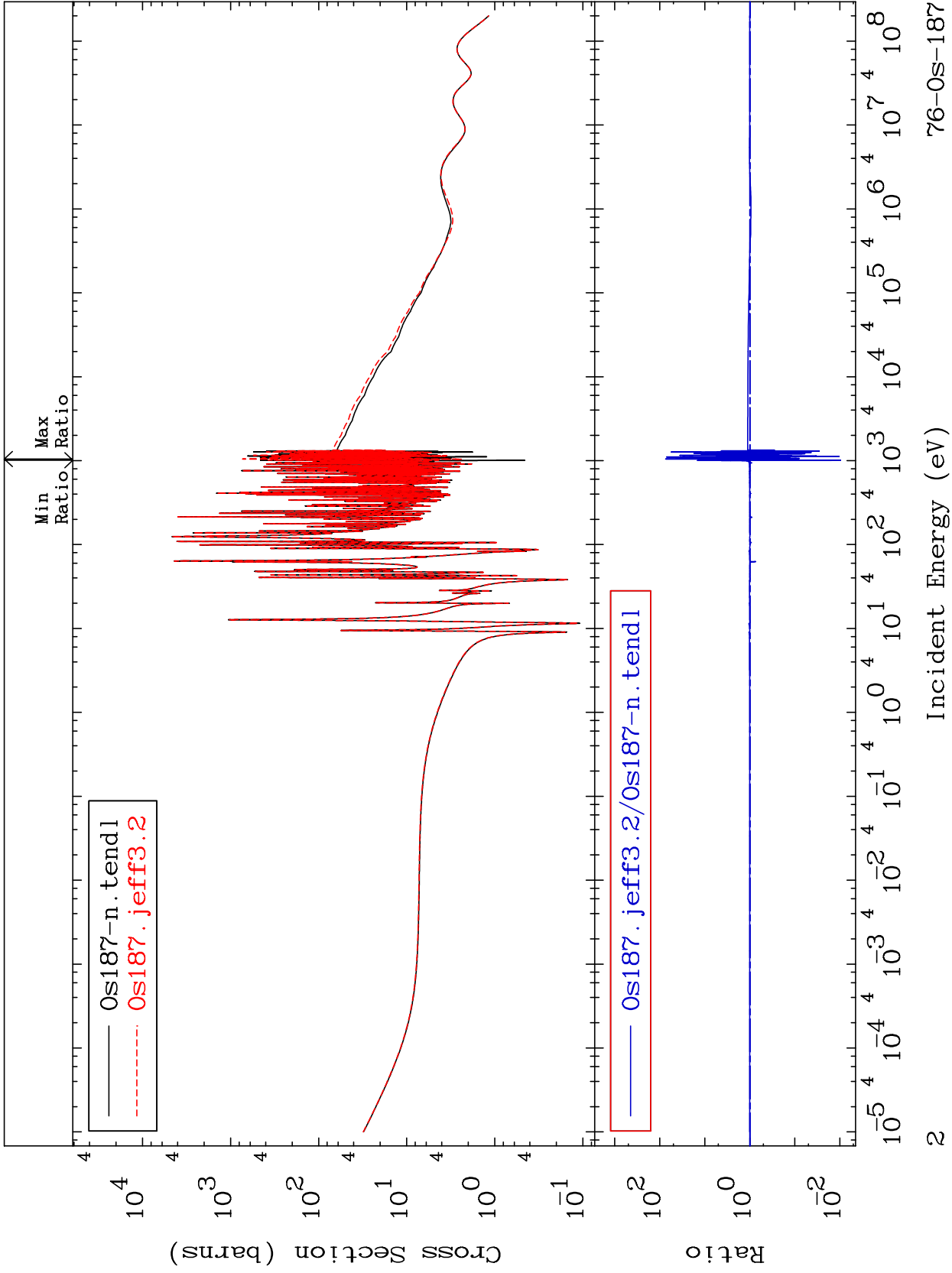
76-0s-187

Incident Energy (eV)

MAT 7634

Elastic
Cross Section

76-Os-187
-99.04 To 7356. %



2

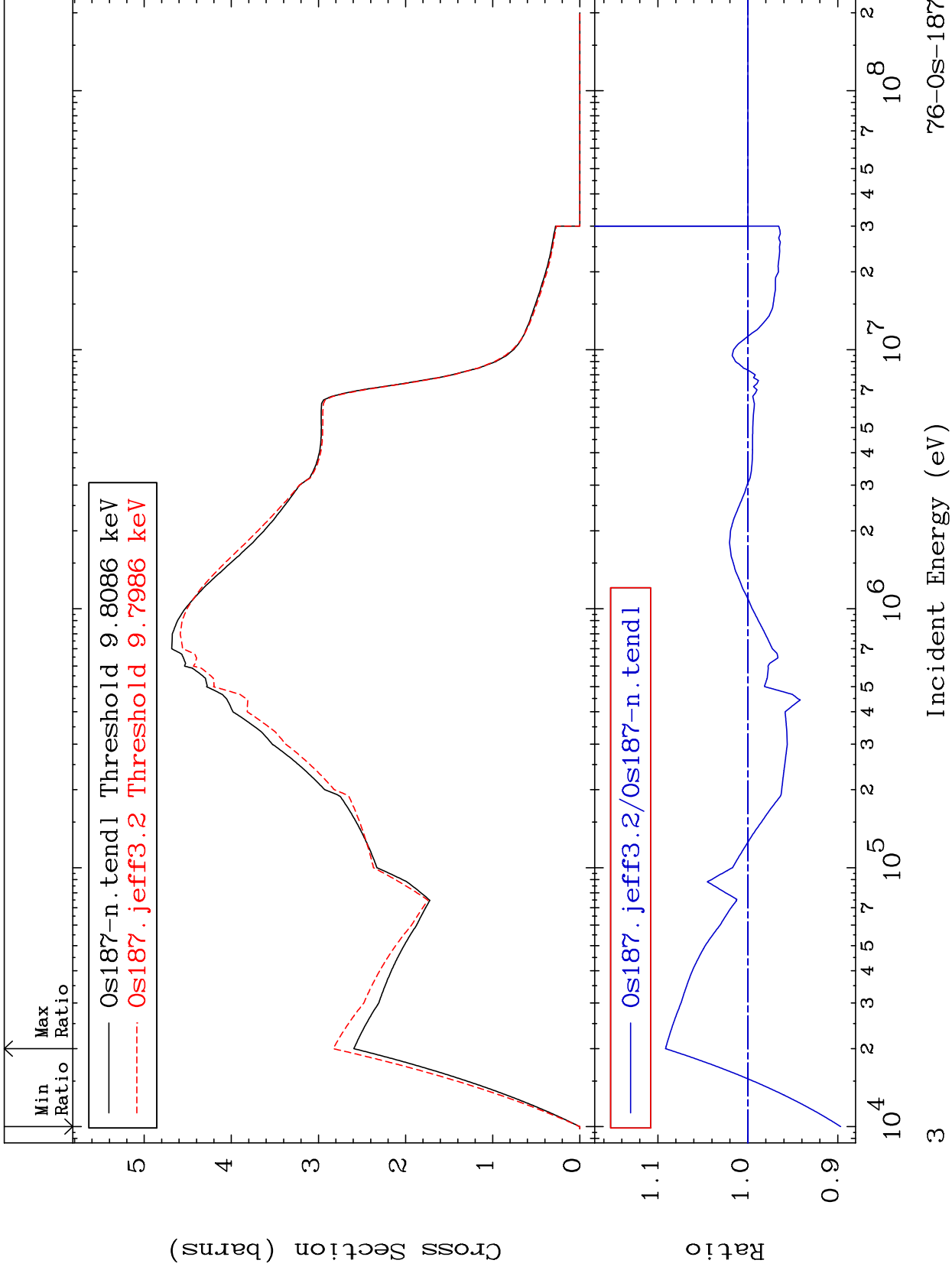
Incident Energy (eV)

76-Os-187

MAT 7634

Inelastic
Cross Section

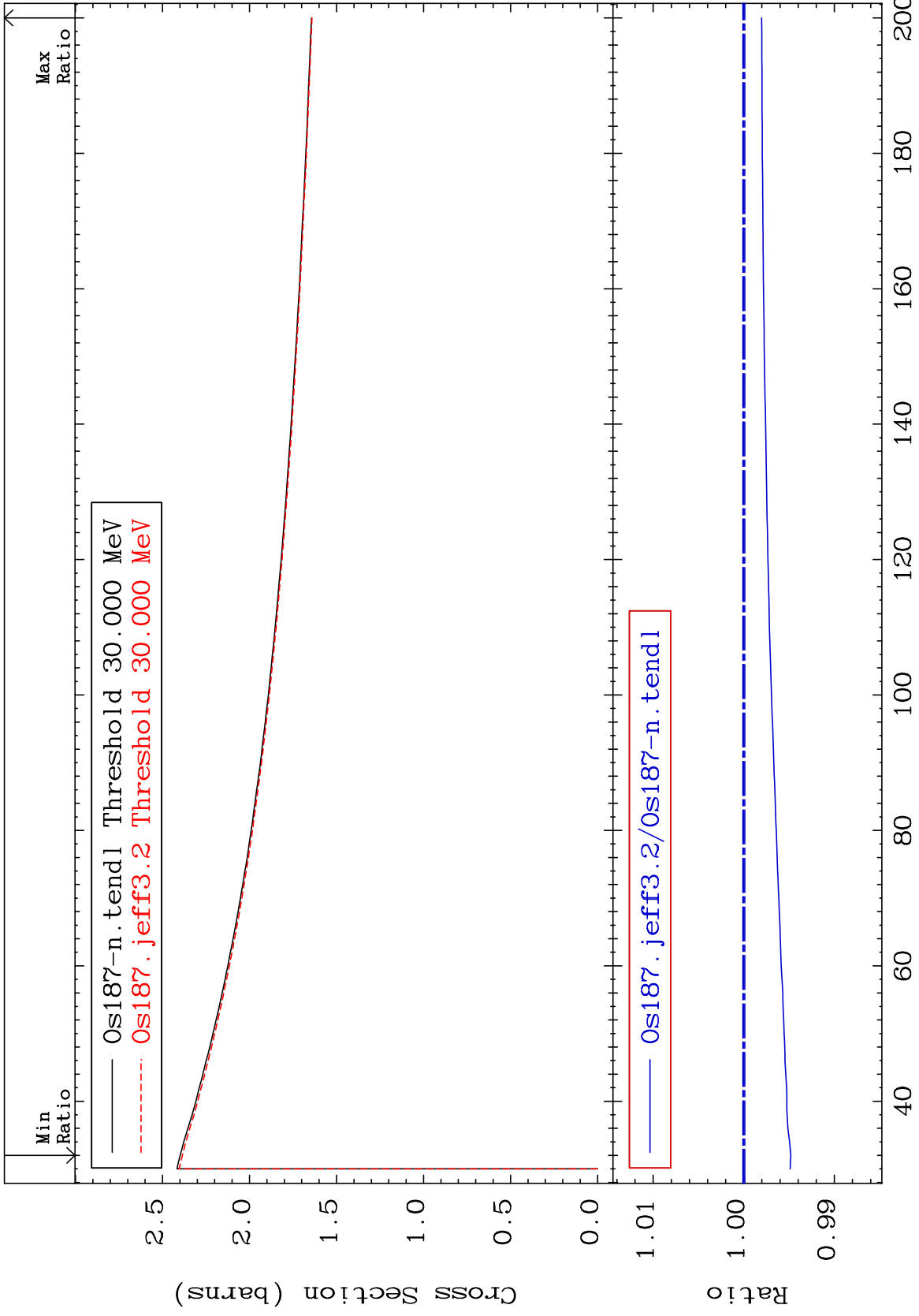
76-0s-187
-10.31 To 9.151 %



MAT 7634

(n, remainder)
Cross Section

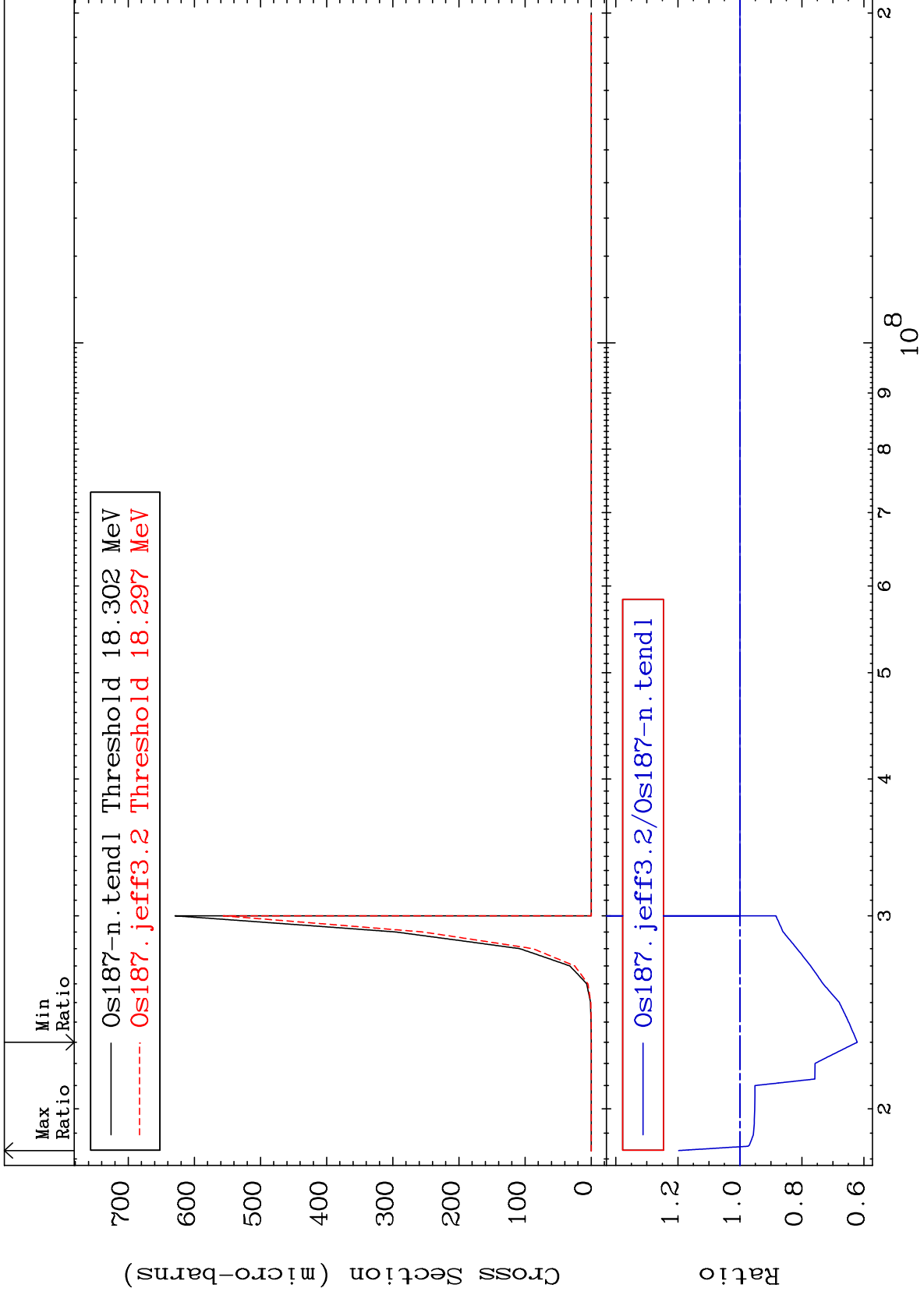
76-0s-187
-0.519 To -0.197%



MAT 7634

(n,2n) d
Cross Section

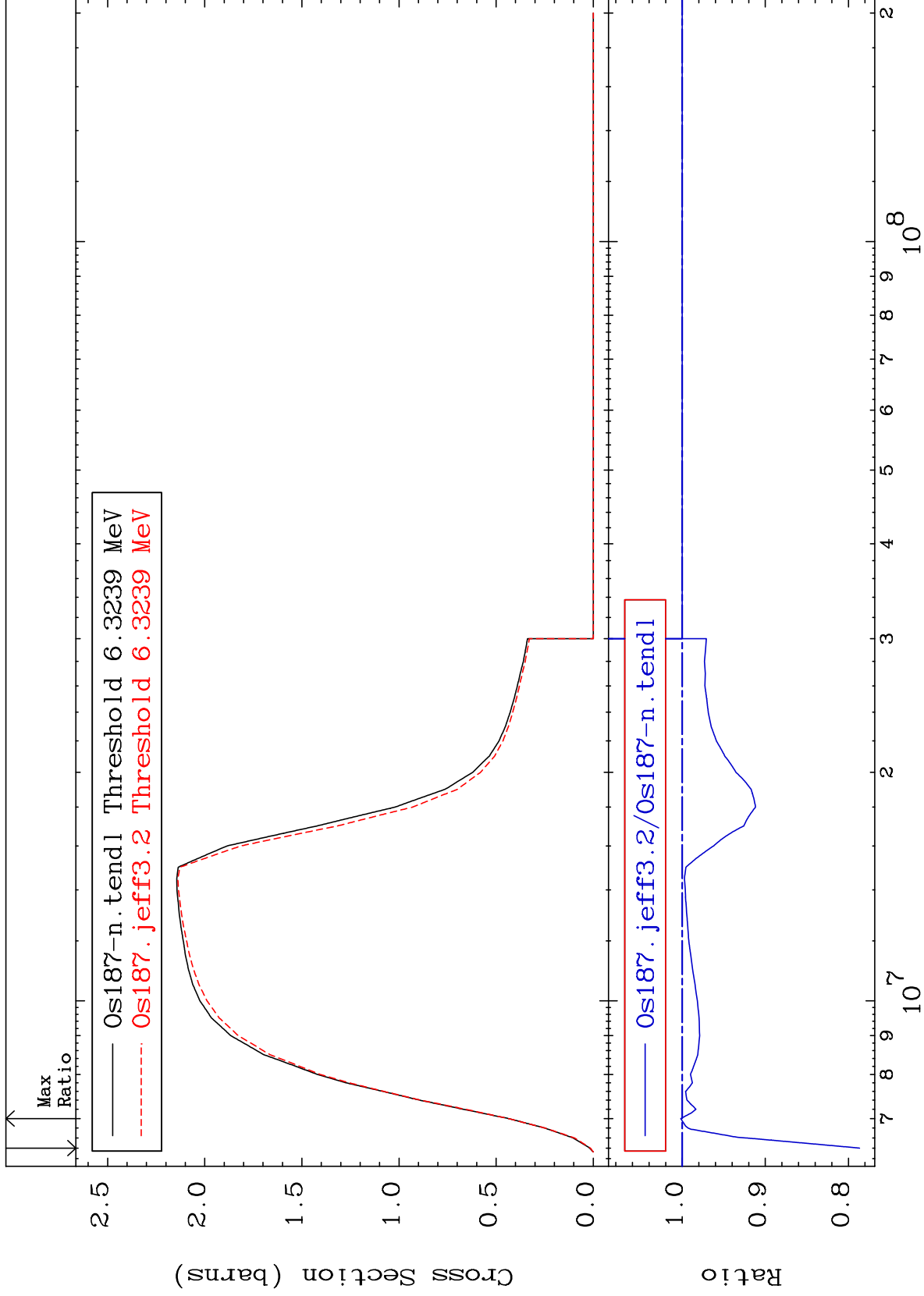
76-0s-187
-37.86 To 19.75 %



MAT 7634

(n,2n)
Cross Section

76-0s-187
-21.34 To 0.180 %



6

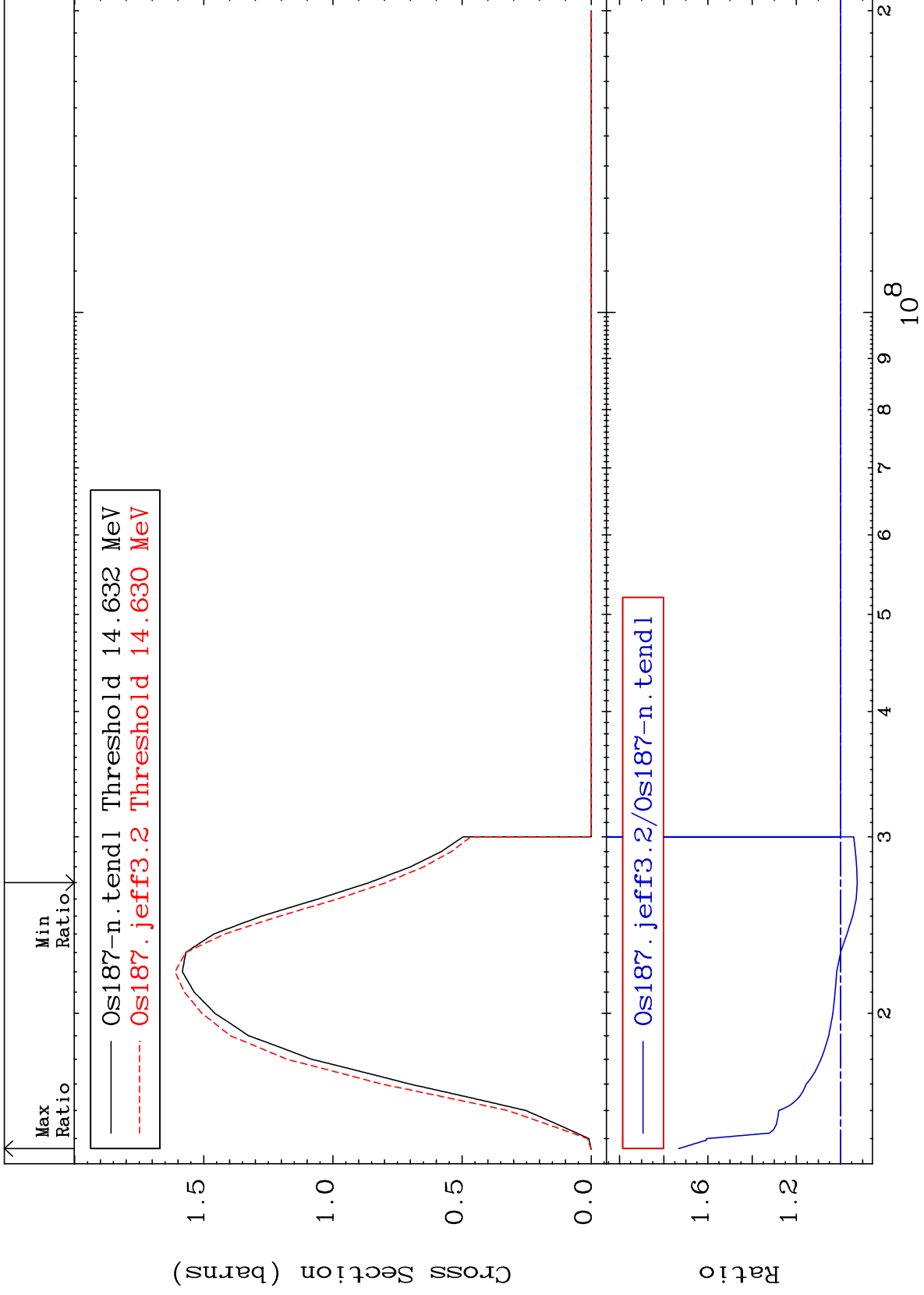
Incident Energy (eV)

76-0s-187

MAT 7634

(n,3n)
Cross Section

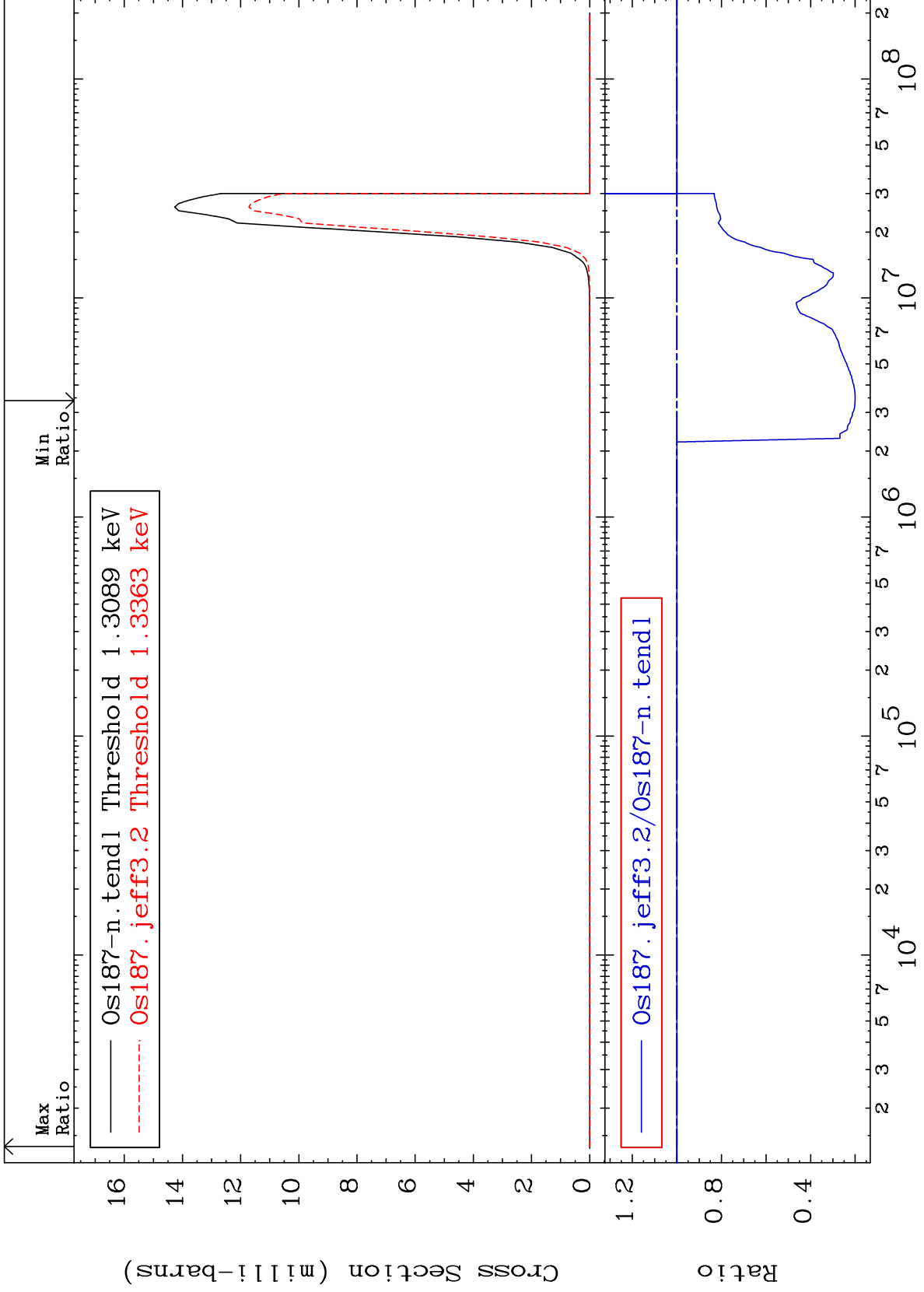
76-0s-187
-7.567 To 73.26 %



MAT 7634

$(n, n') \alpha$
Cross Section

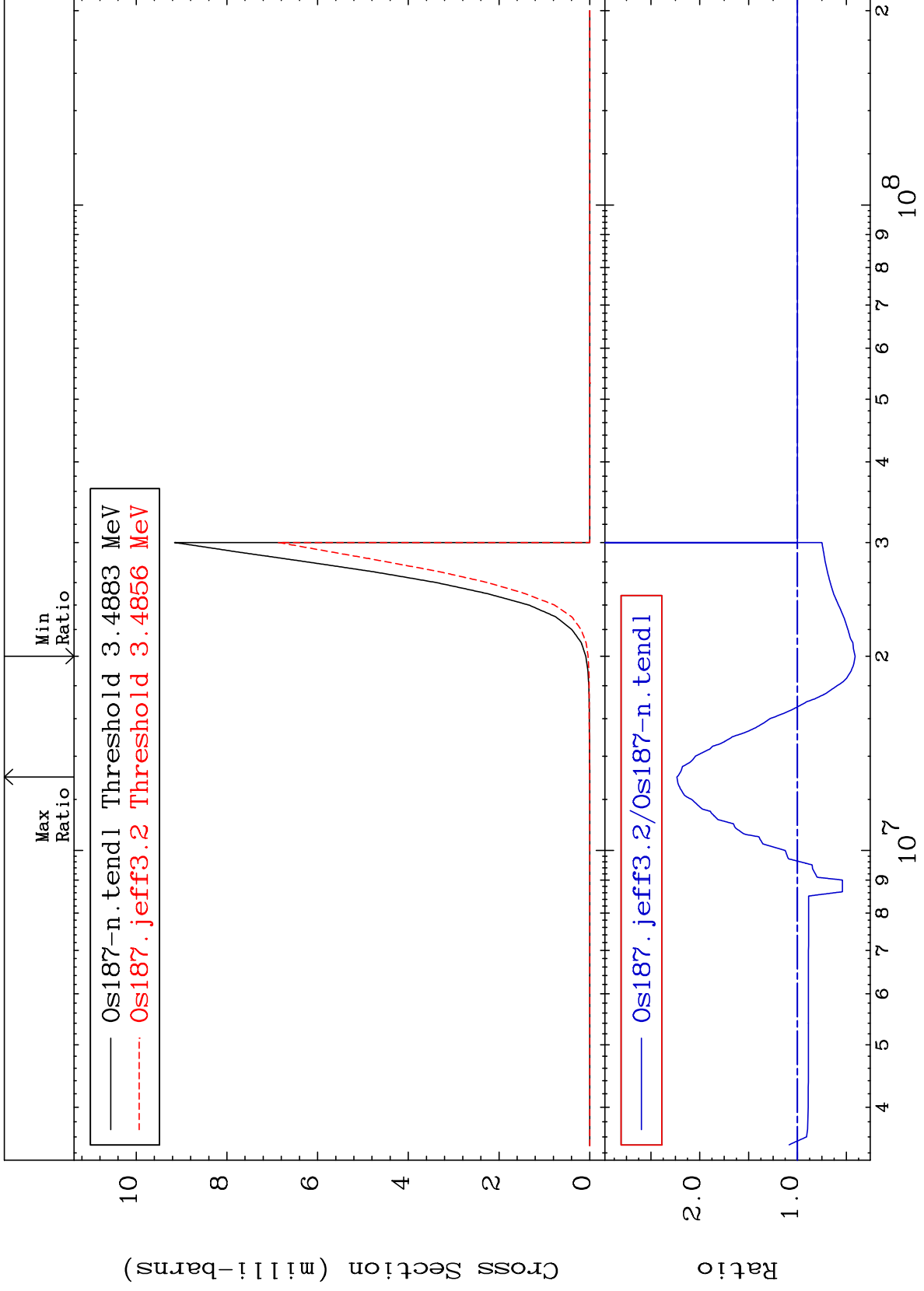
76-0s-187
-79.96 To 0.000 %



MAT 7634

(n,2n) α
Cross Section

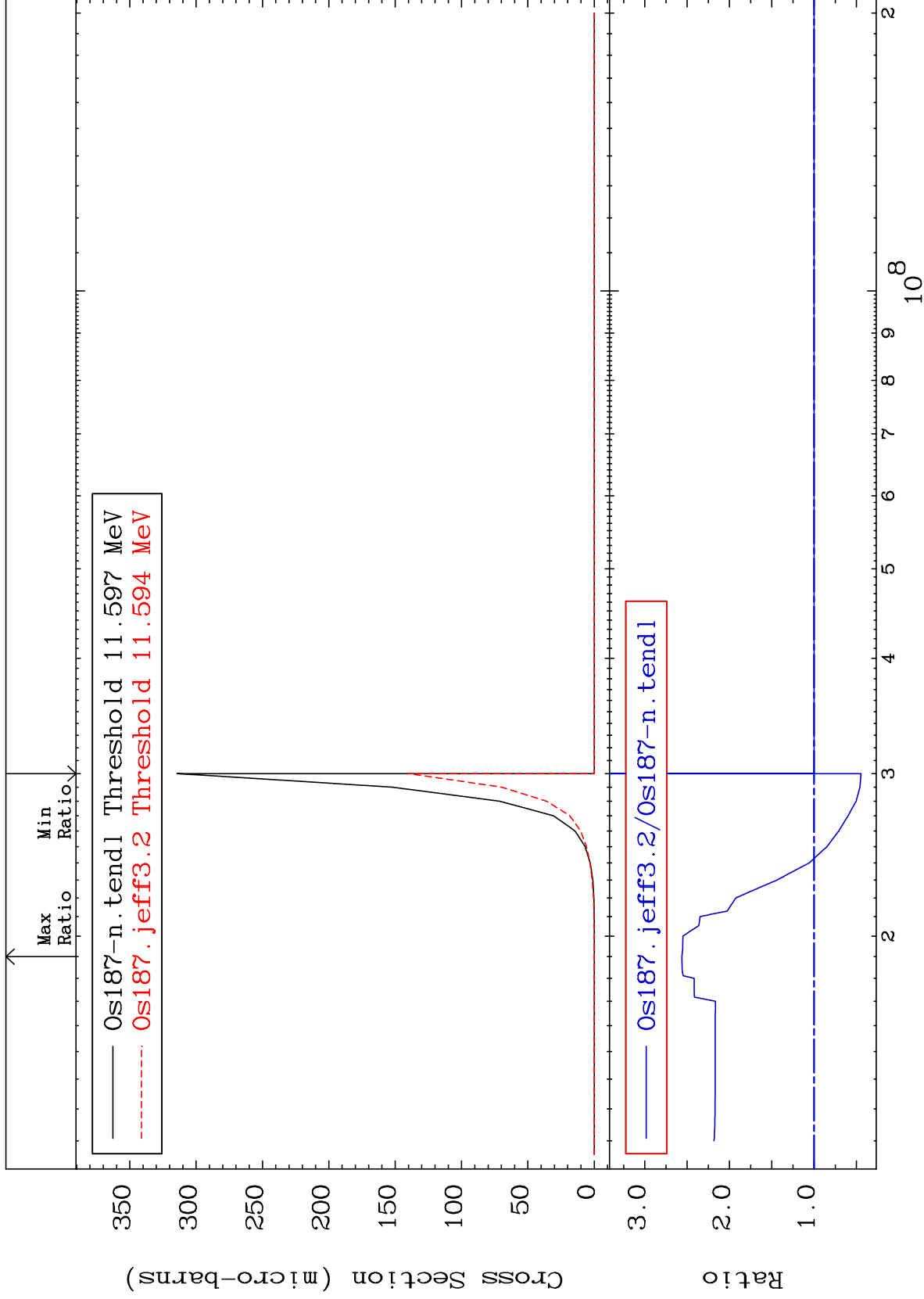
76-0s-187
-58.98 To 123.4 %



MAT 7634

(n,3n) α
Cross Section

76-0s-187
-55.42 To 156.2 %



10

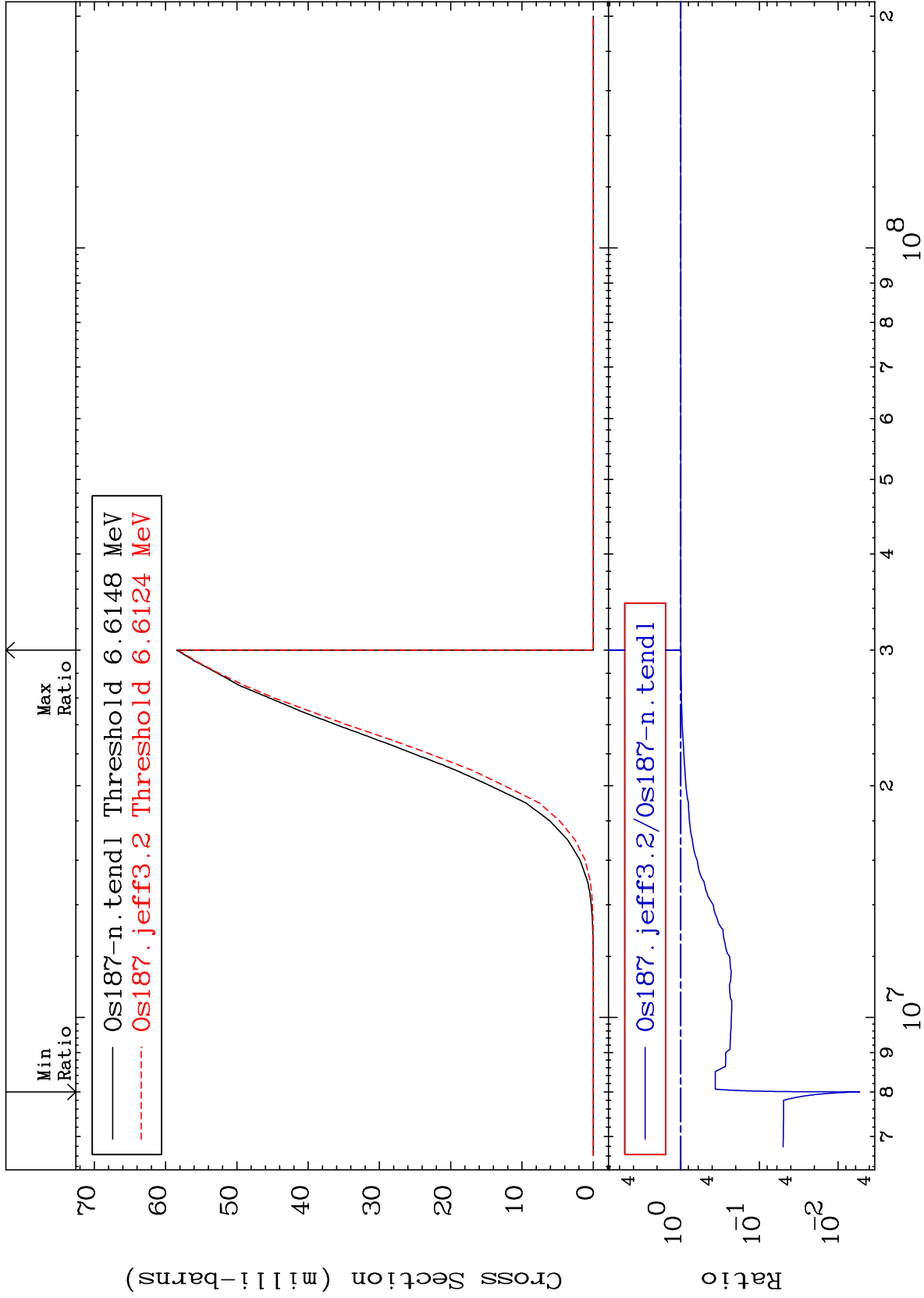
Incident Energy (eV)

76-0s-187

MAT 7634

(n, n') p
Cross Section

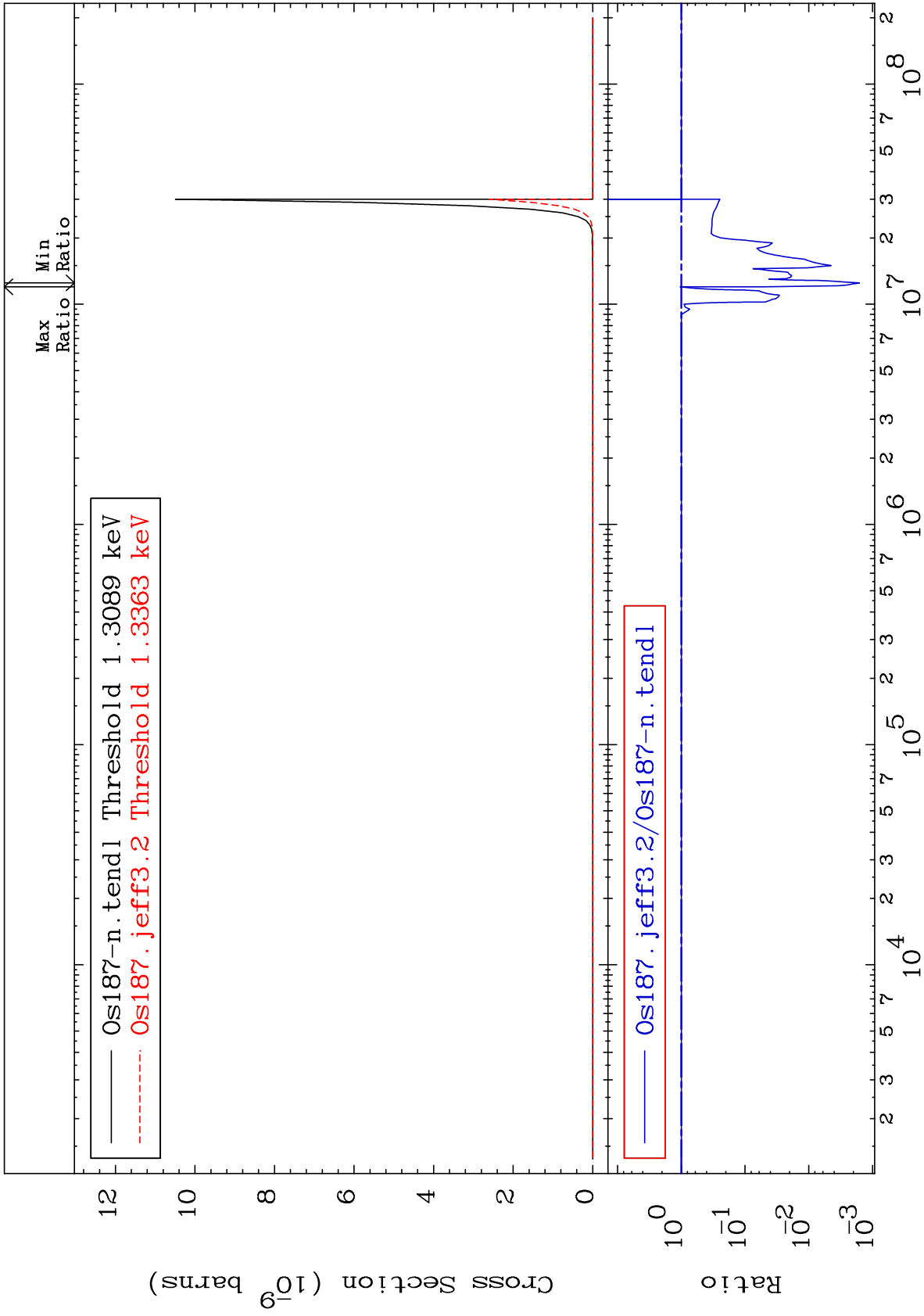
76-0s-187
-99.47 To 0.000 %



MAT 7634

(n, n') 2 α
Cross Section

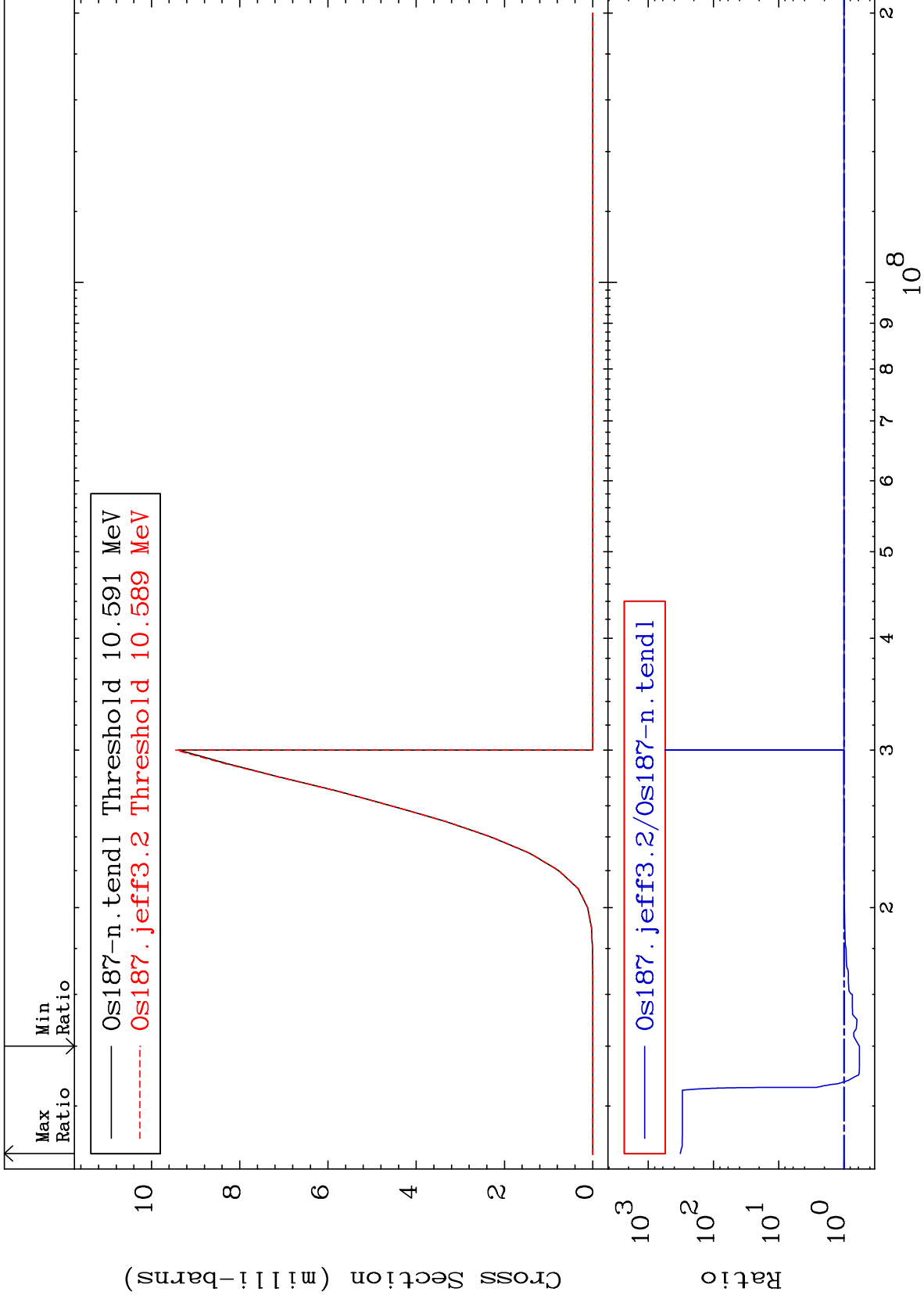
76-0s-187
-99.84 To 3.285 %



12

Incident Energy (eV)

76-0s-187



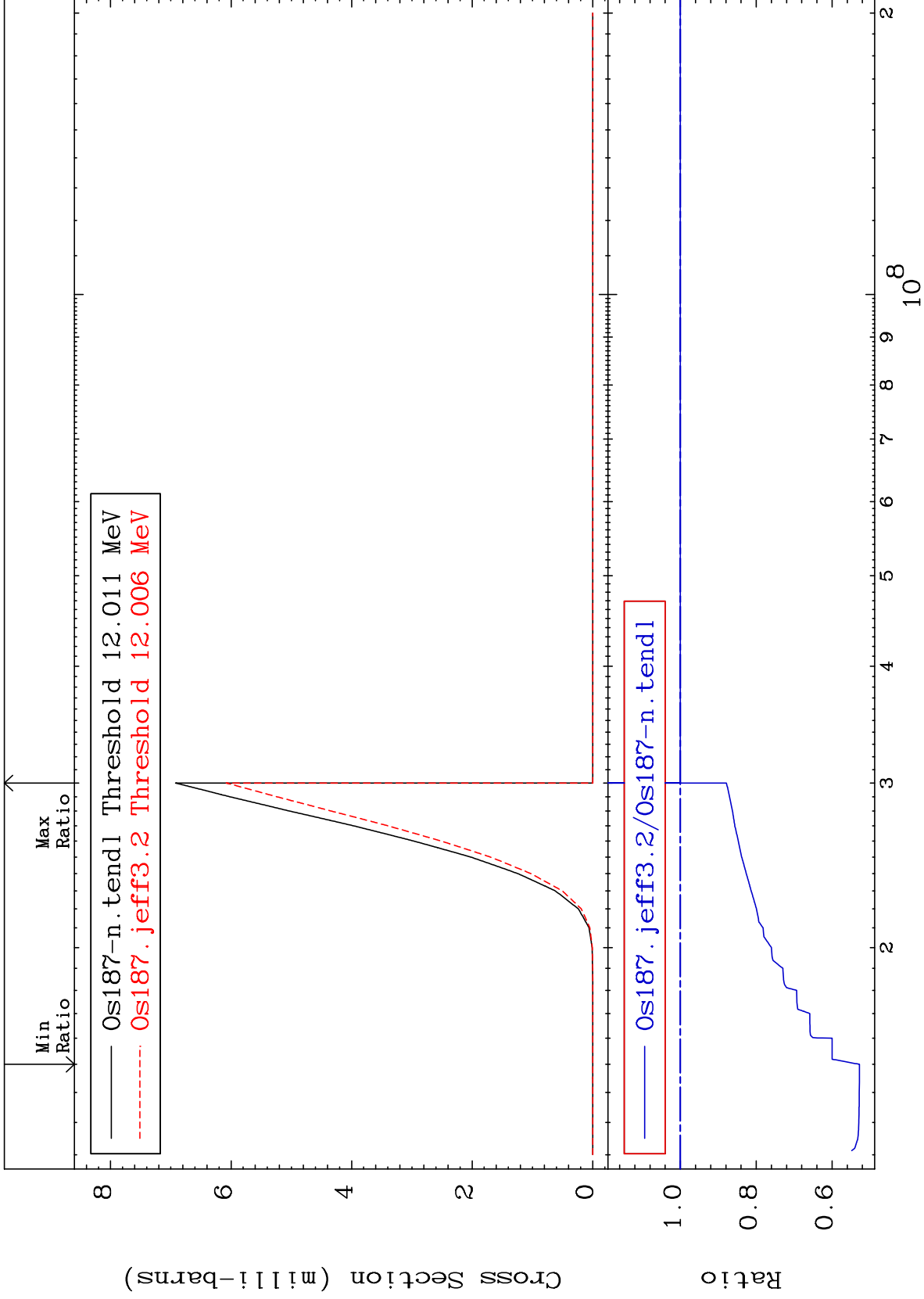
MAT 7634

(n,n') t

76-0s-187

Cross Section

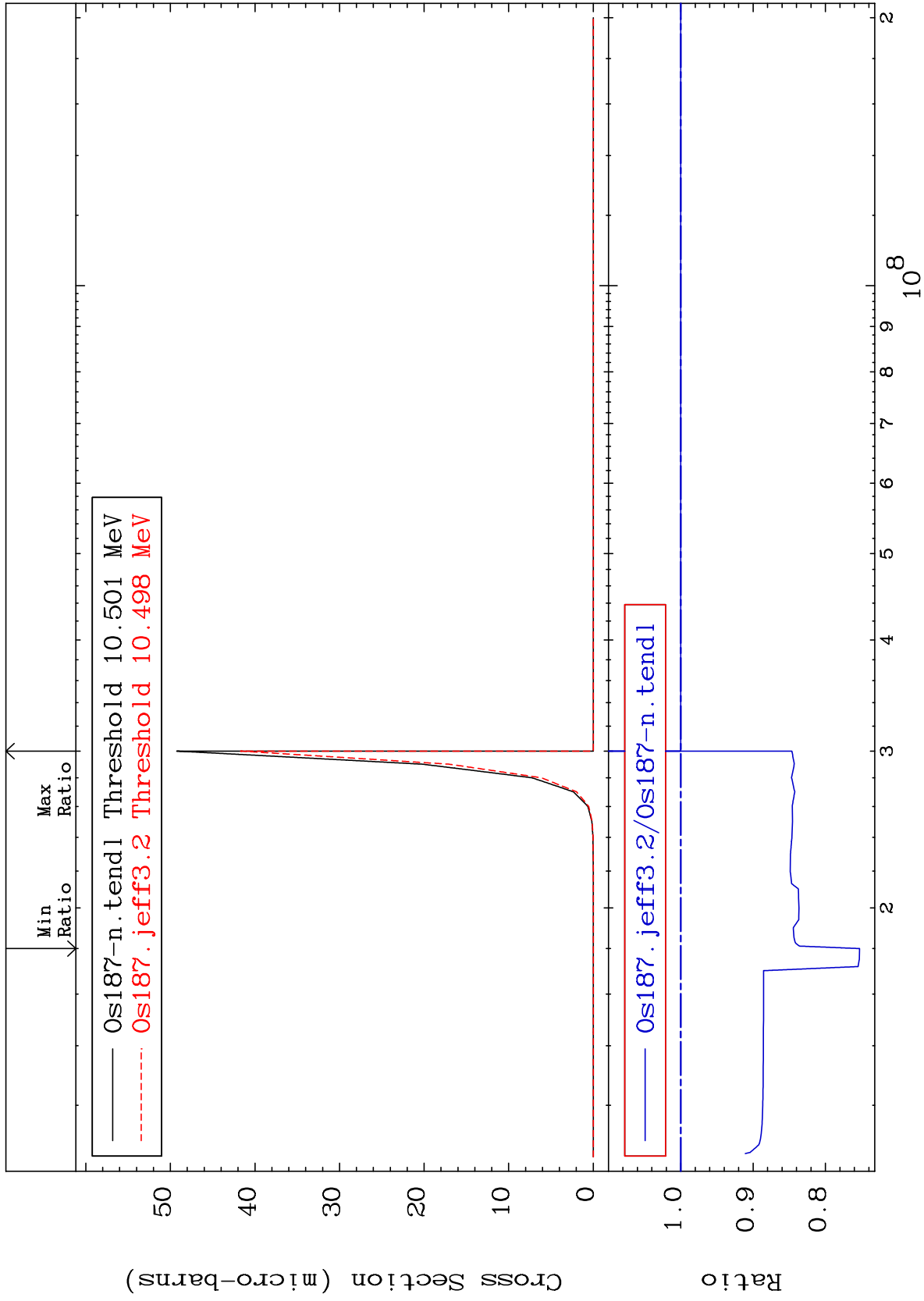
-47.21 To 0.000 %



MAT 7634

(n, n') He-3
Cross Section

76-0s-187
-24.71 To 0.000 %



15

Incident Energy (eV)

76-0s-187

MAT 7634

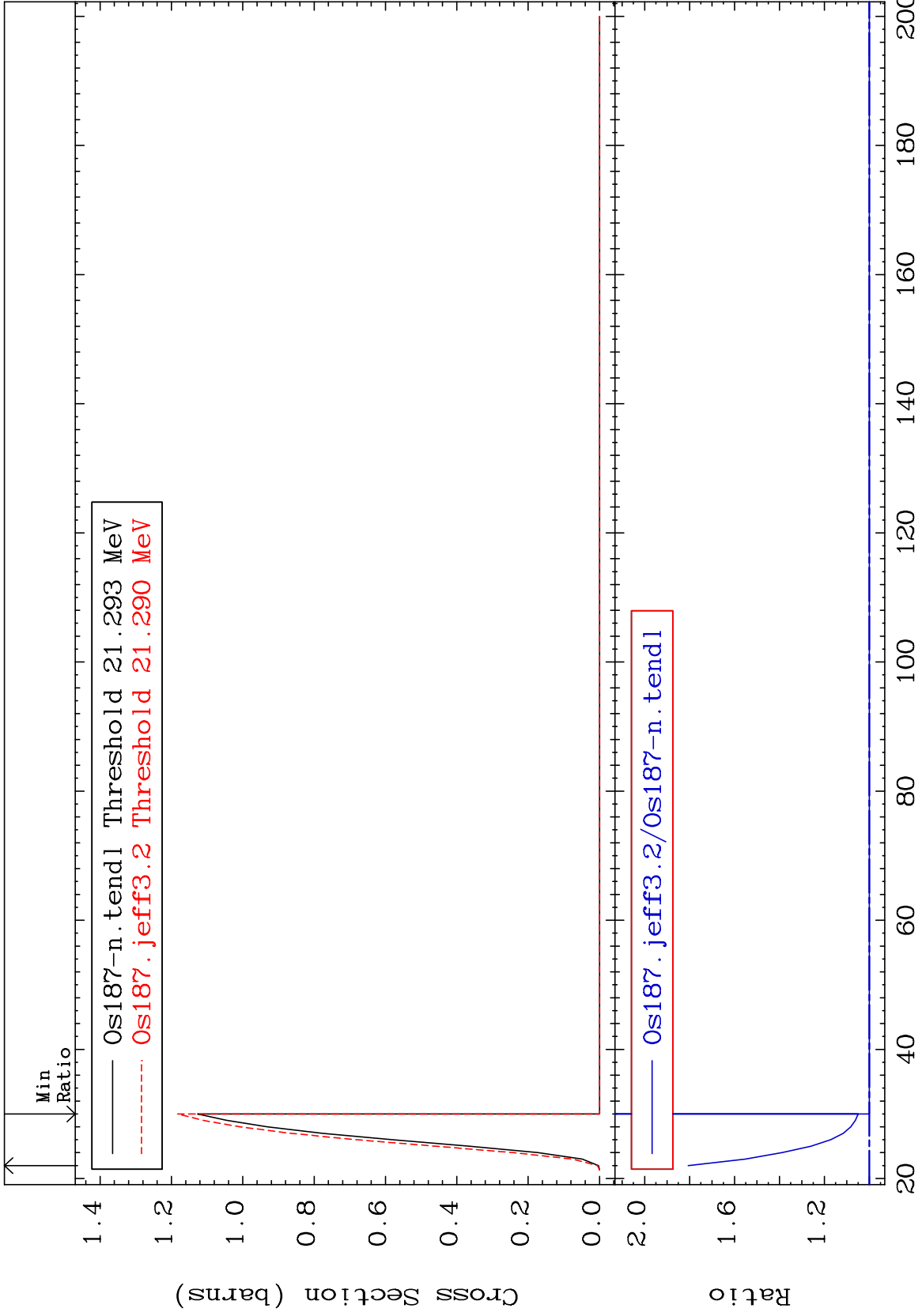
(n,4n)

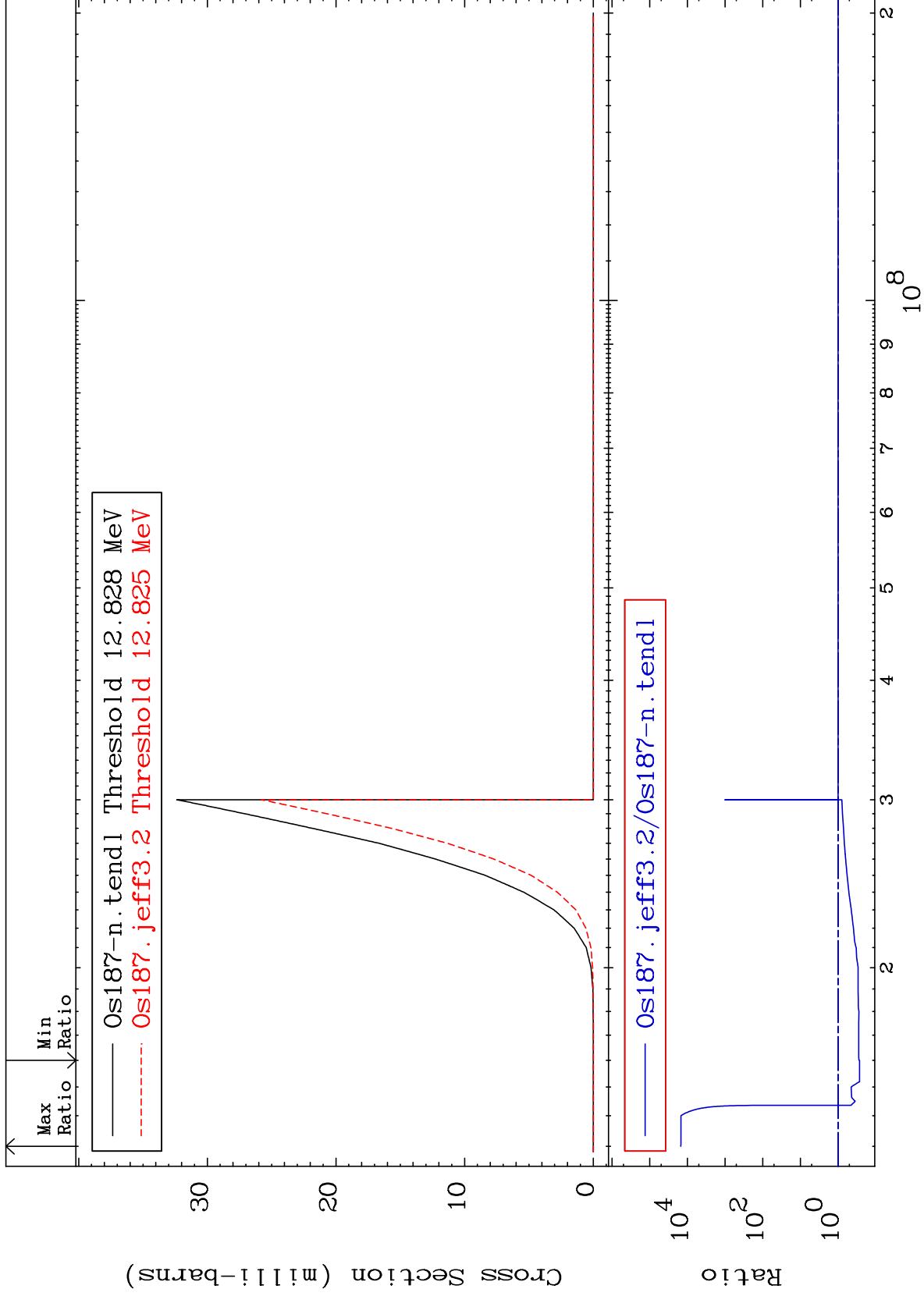
⁷⁶Os-187

Cross Section

0.000

To 80.61 %

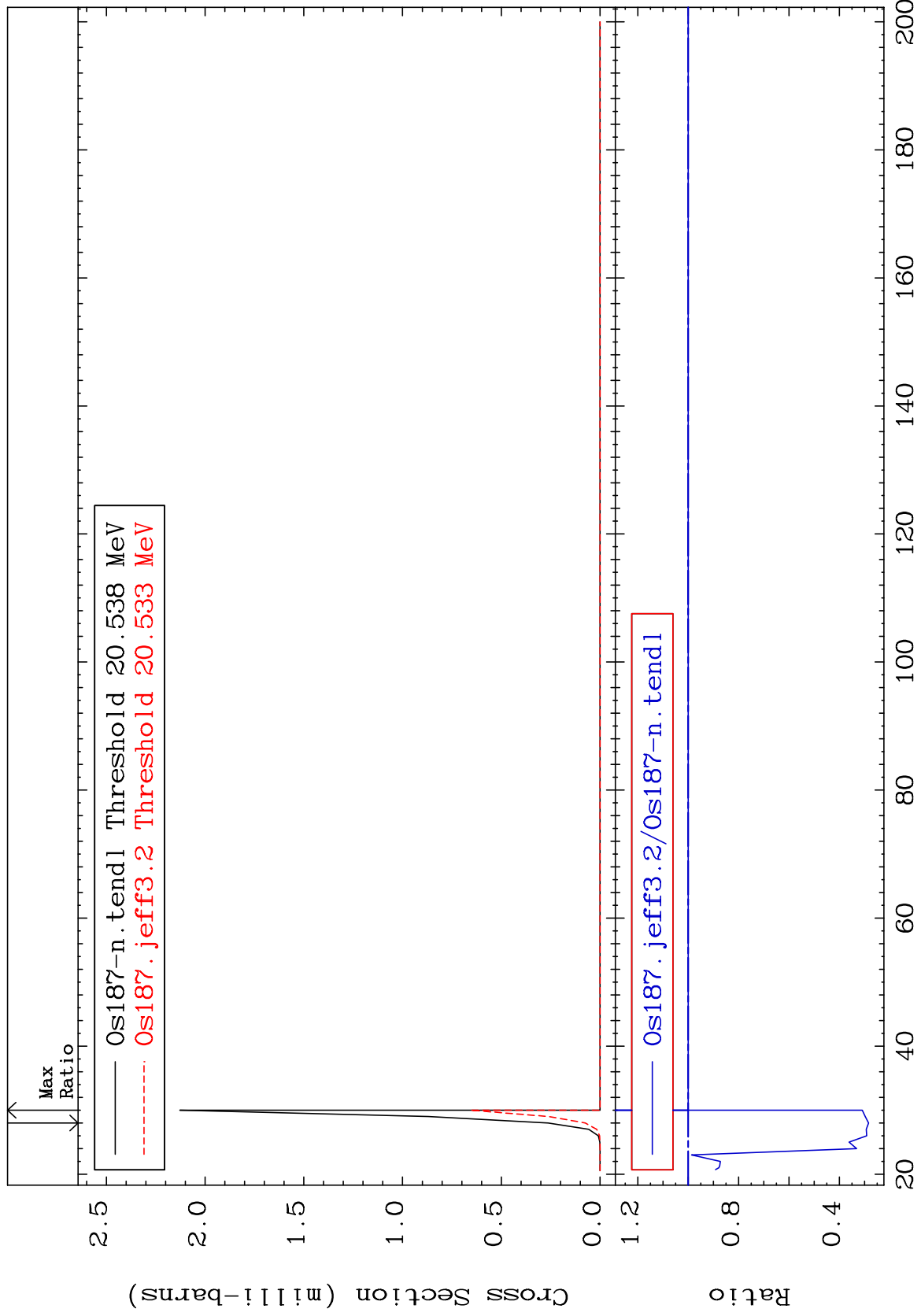




MAT 7634

(n,3n) p
Cross Section

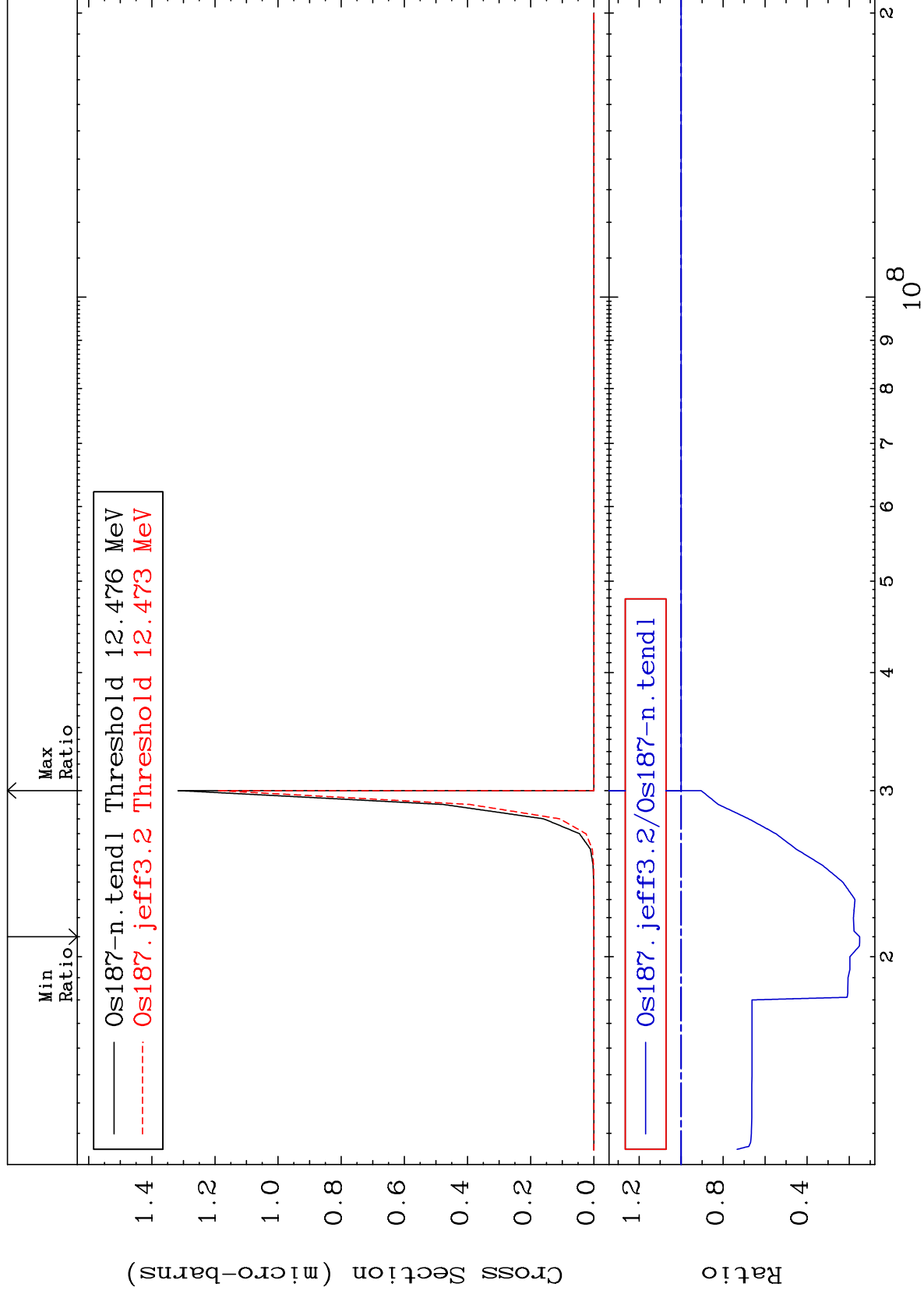
76-0s-187
-71.59 To 0.000 %



MAT 7634

(n,2n) p
Cross Section

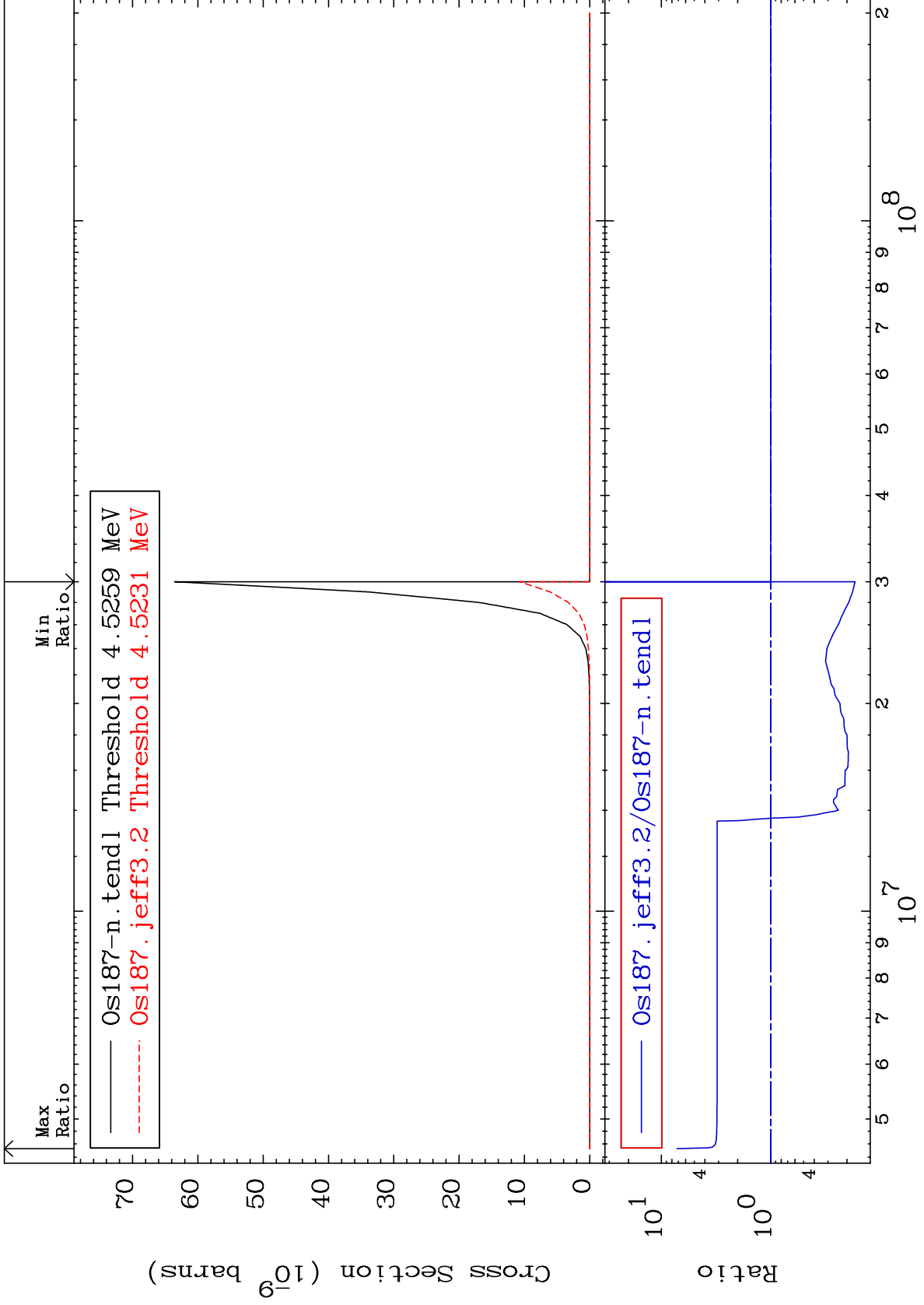
76-0s-187
-85.00 To 0.000 %



MAT 7634

(n,n') p α
Cross Section

76-0s-187
-83.11 To 620.2 %



20

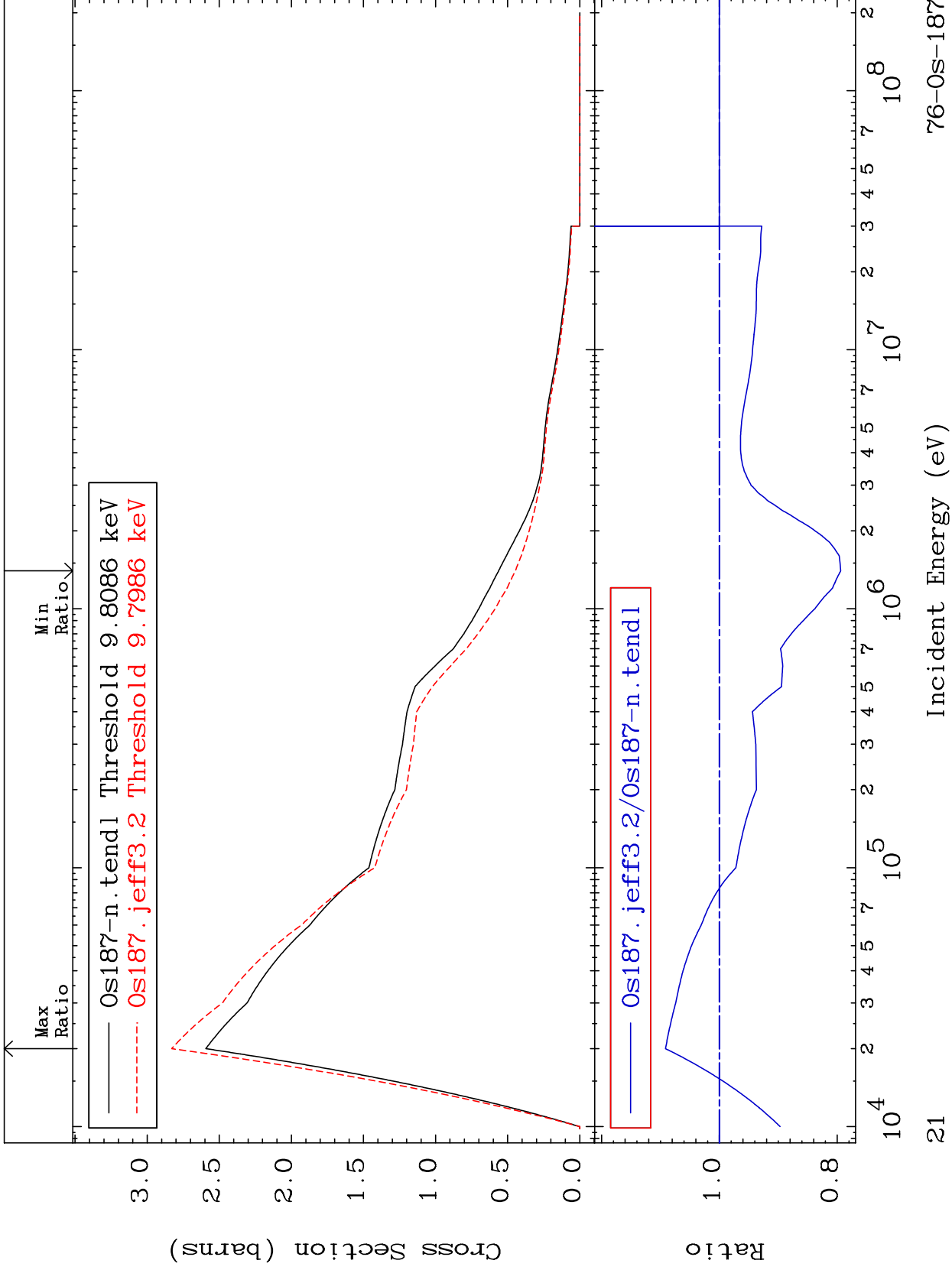
Incident Energy (eV)

76-0s-187

MAT 7634

9.756 keV (n,n') Level
Cross Section

76-0s-187
-20.59 To 9.151 %



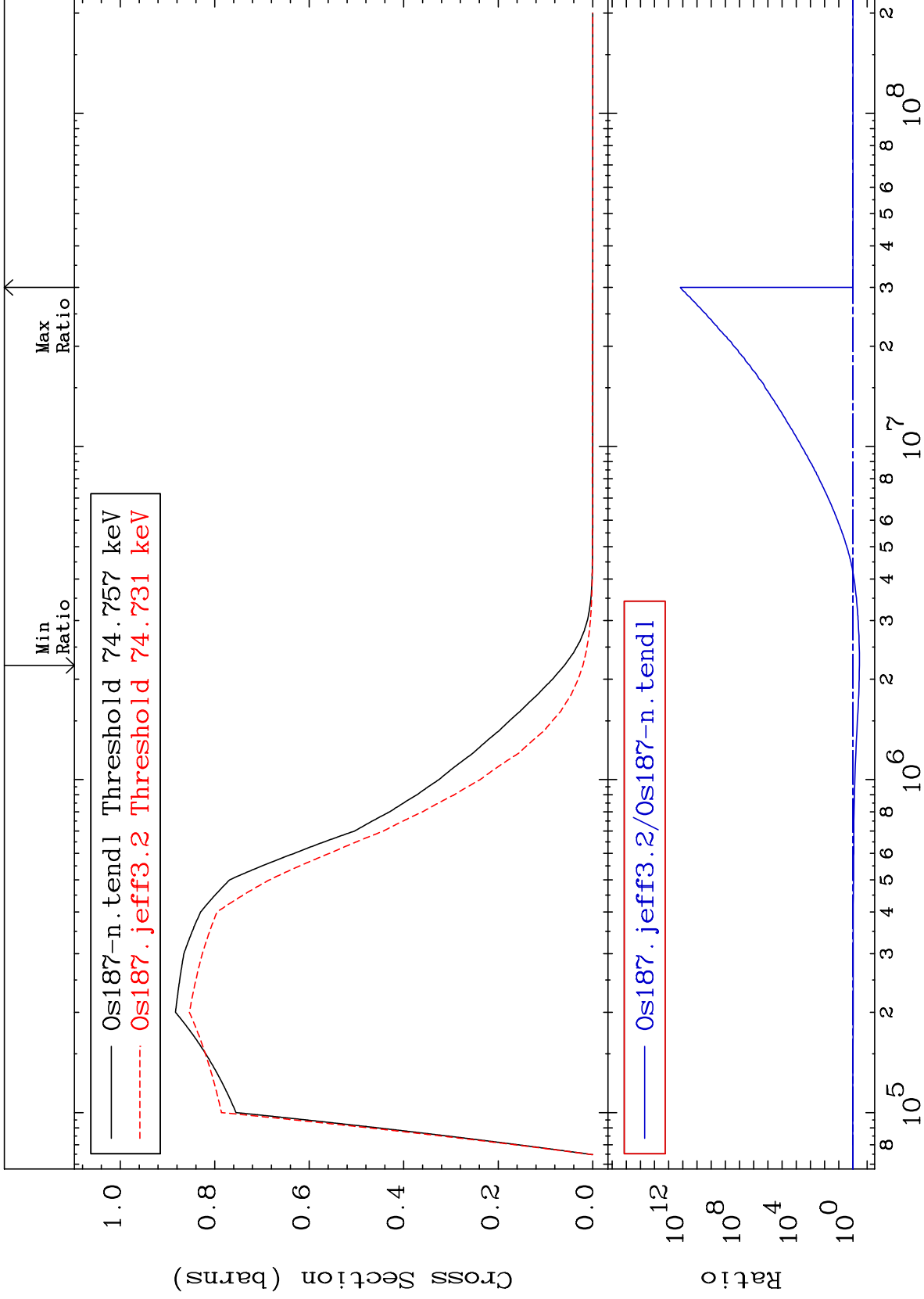
MAT 7634

74.36 keV (n,n') Level

76-0s-187

-65.27 To 9999. %

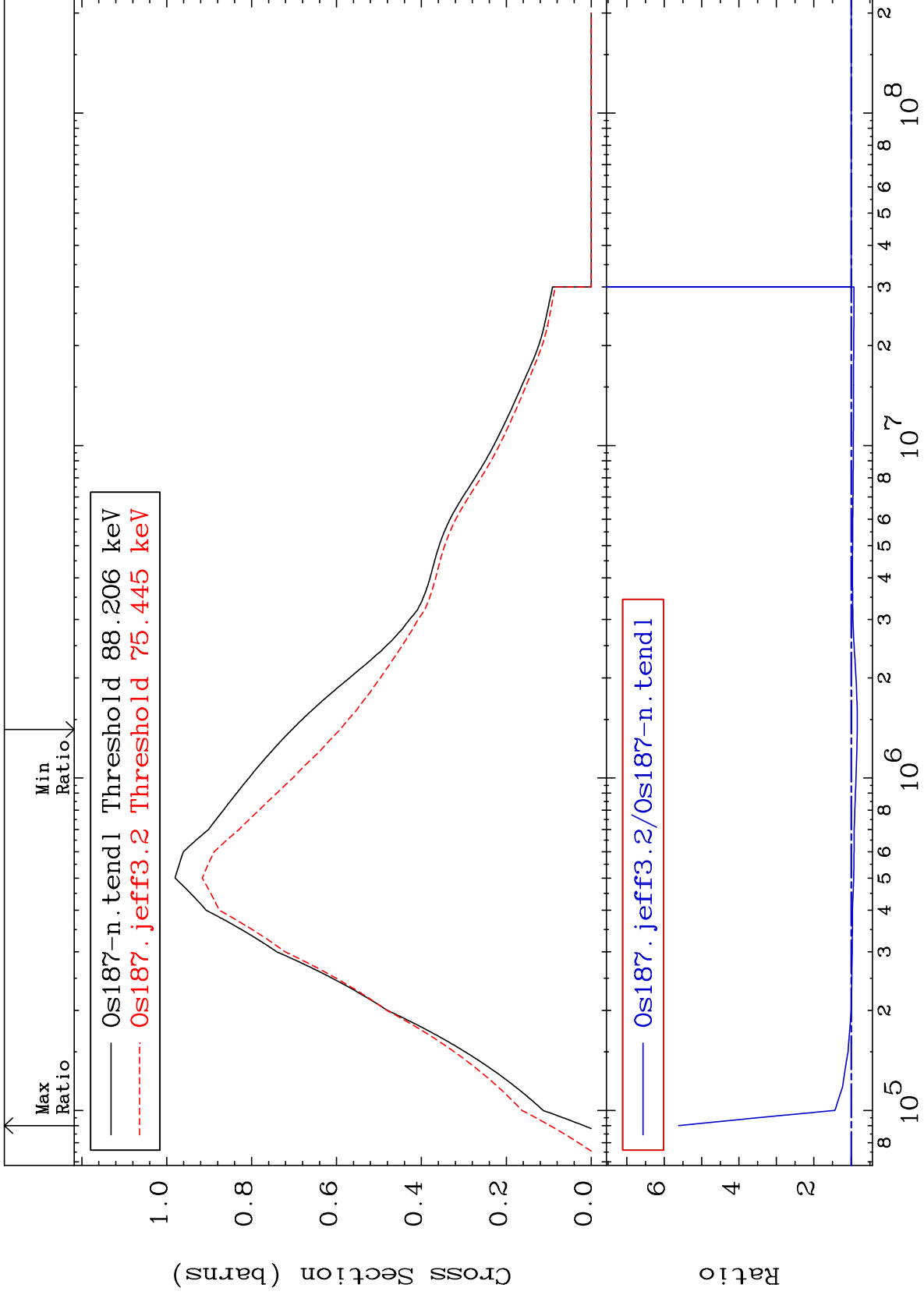
Cross Section



MAT 7634

87.73 keV (n,n') Level
Cross Section

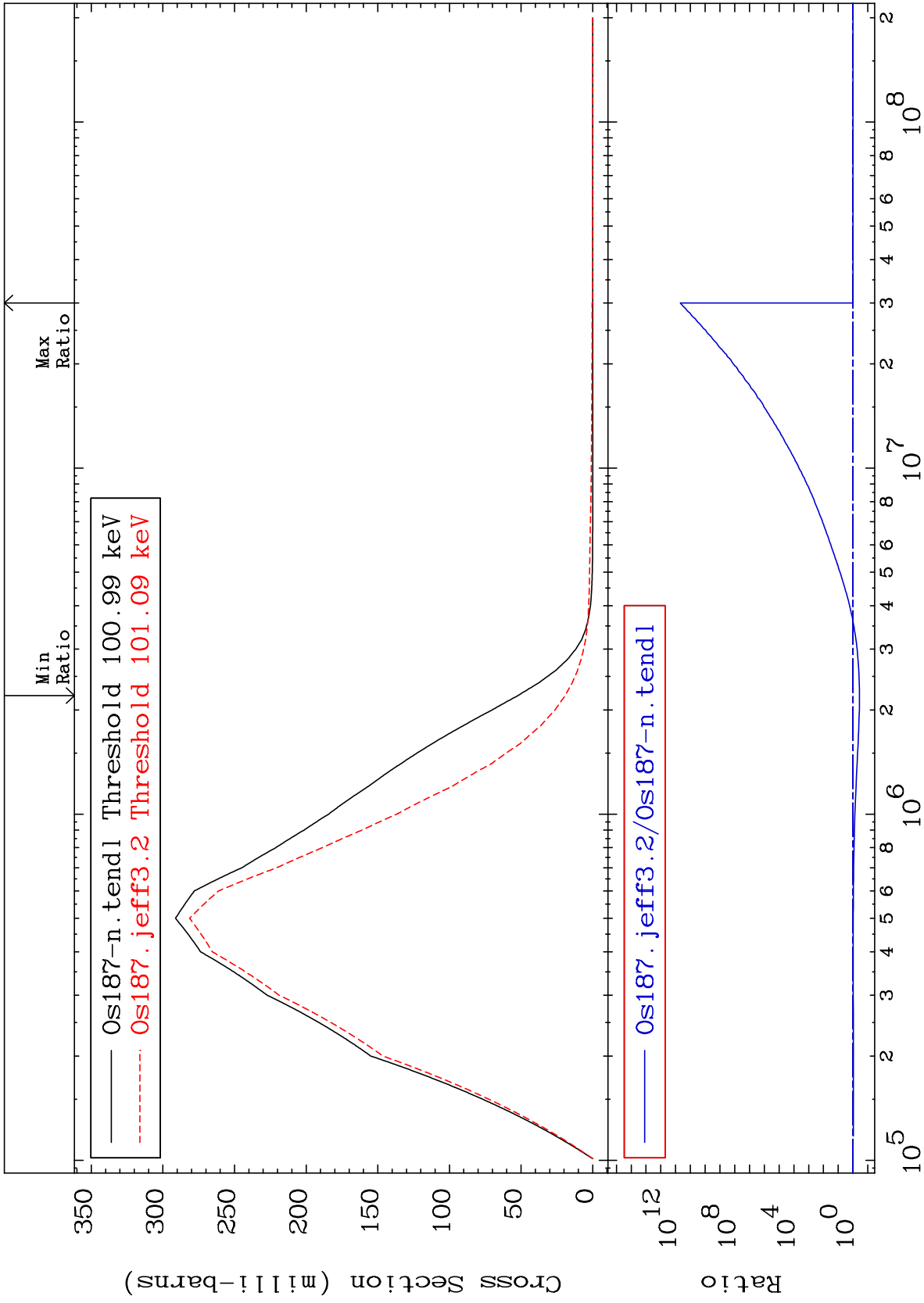
76-Os-187
-16.08 To 461.4 %



MAT 7634

100.5 keV (n,n') Level
Cross Section

76-Os-187
-63.16 To 9999. %



24

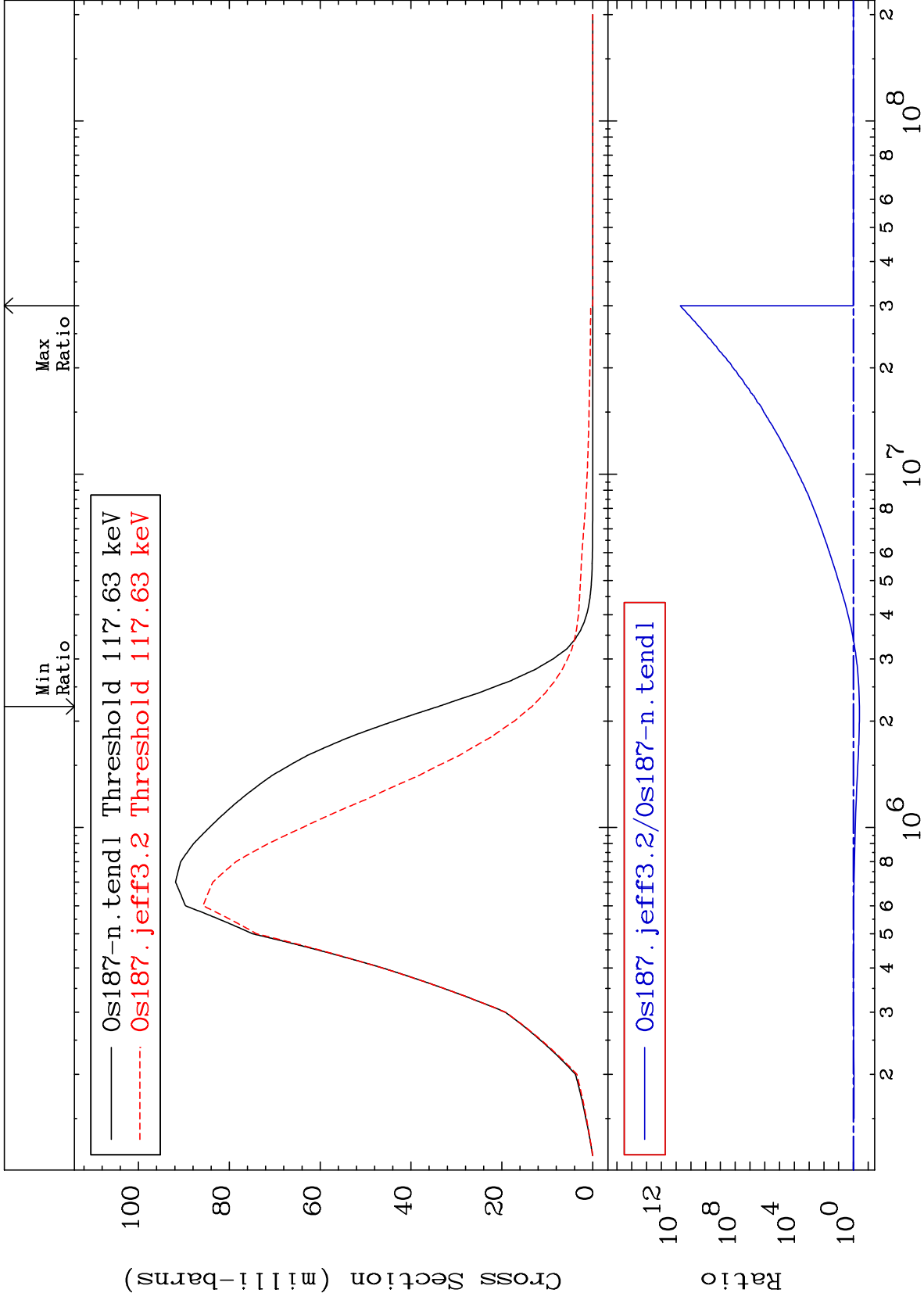
Incident Energy (eV)

76-Os-187

MAT 7634

117.0 keV (n,n') Level
Cross Section

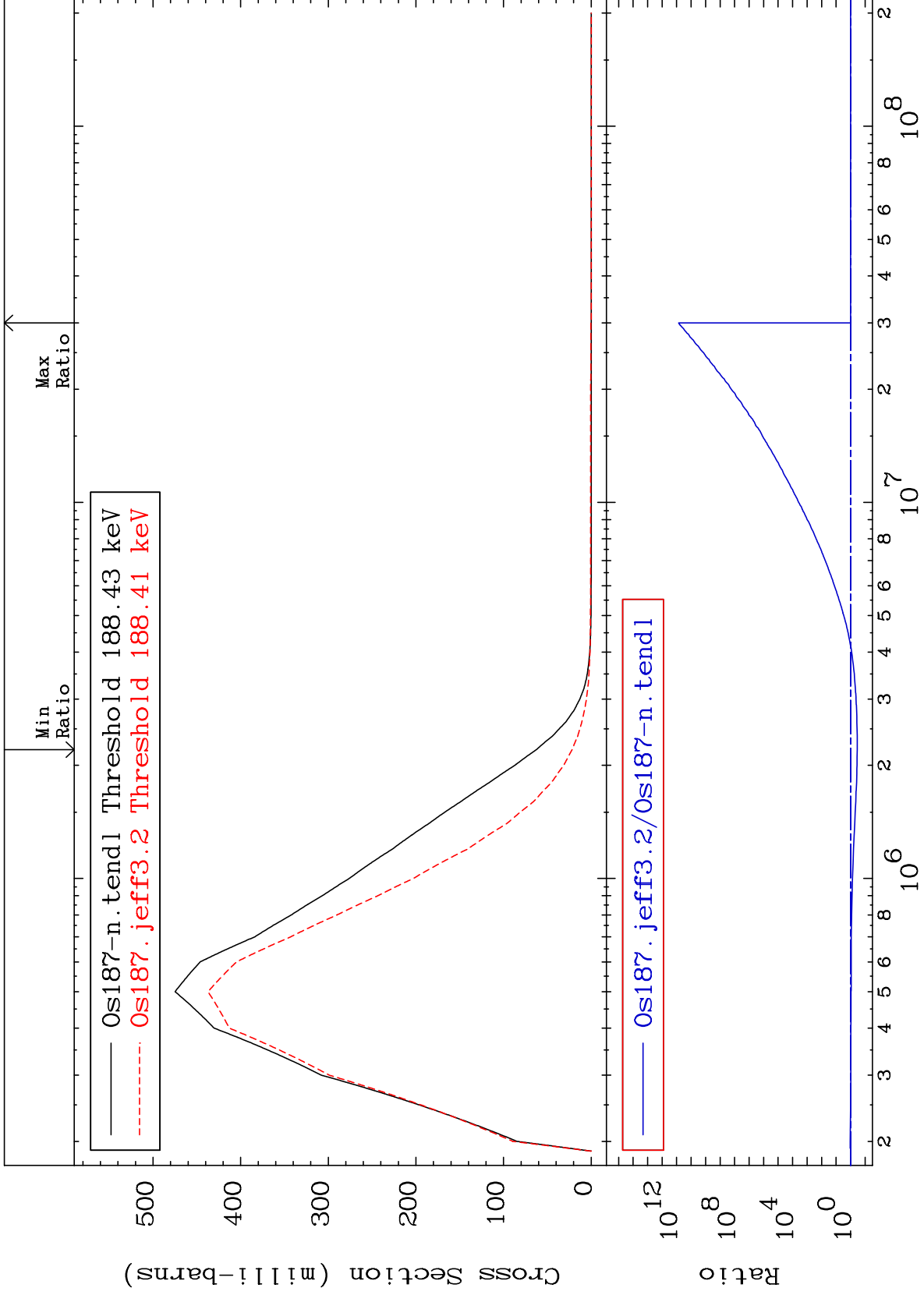
76-Os-187
-60.64 To 9999. %



MAT 7634

187.4 keV (n,n') Level
Cross Section

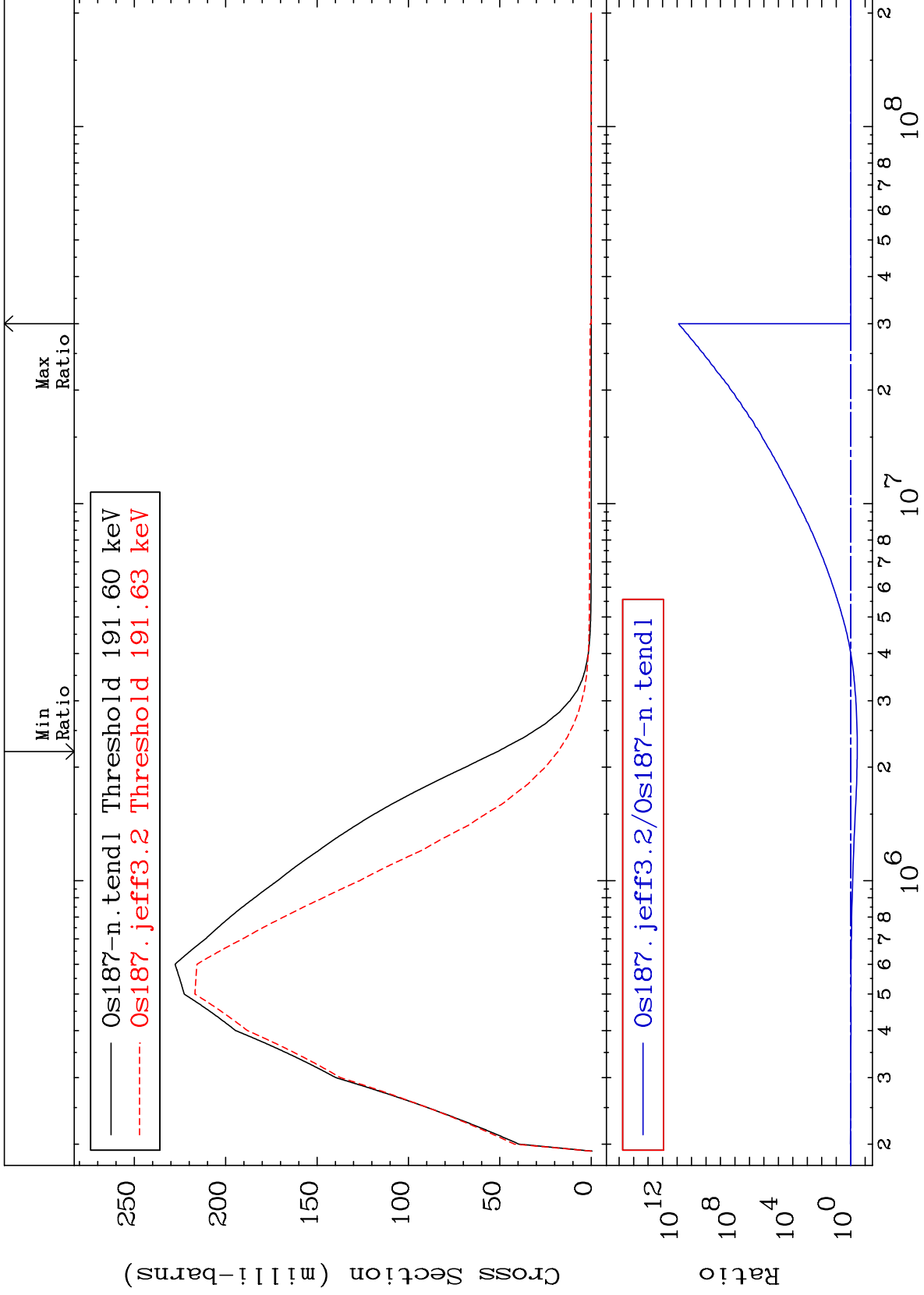
76-Os-187
-65.27 To 9999. %



MAT 7634

190.6 keV (n,n') Level
Cross Section

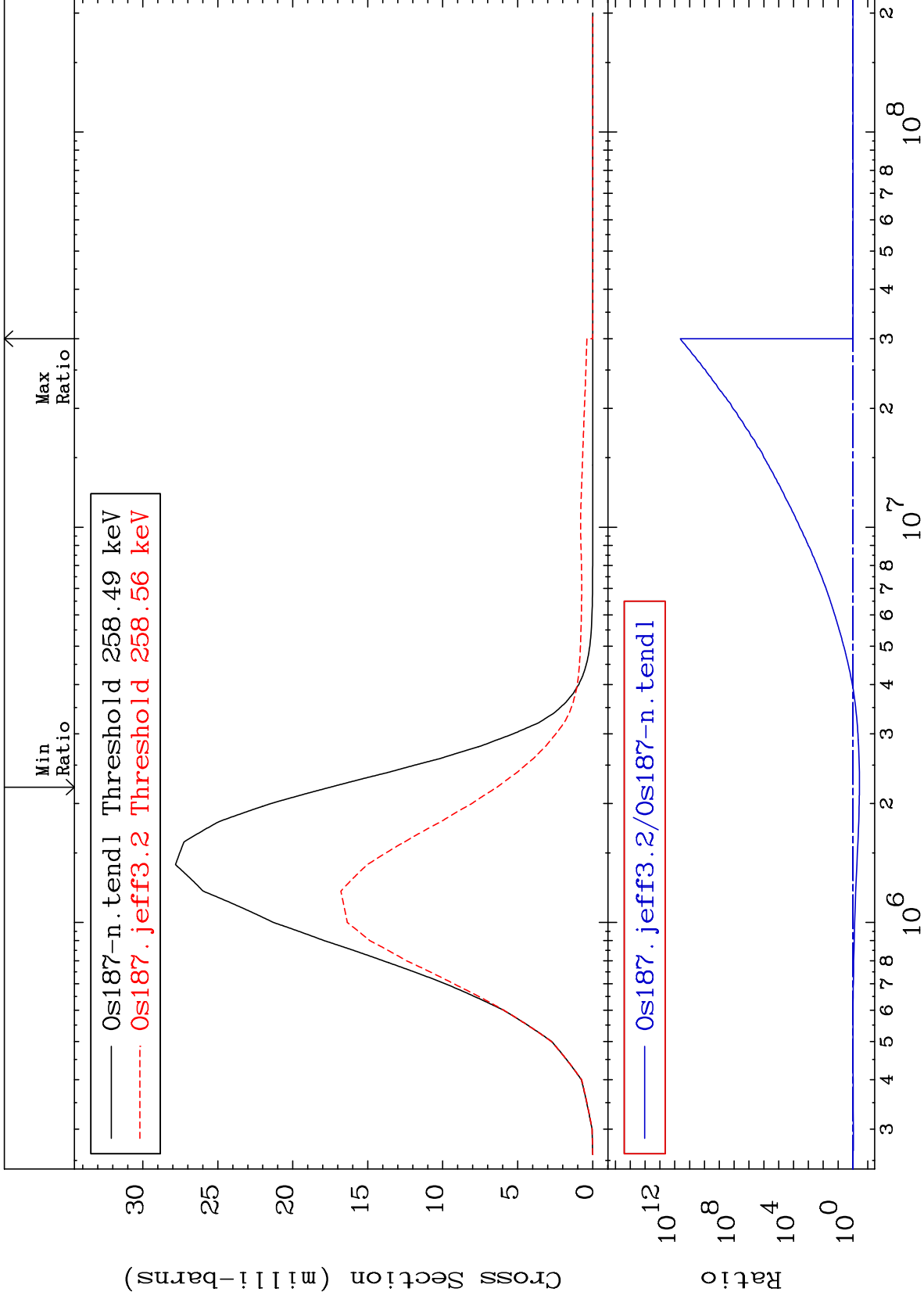
76-0s-187
-64.62 To 9999. %



MAT 7634

257.1 keV (n,n') Level
Cross Section

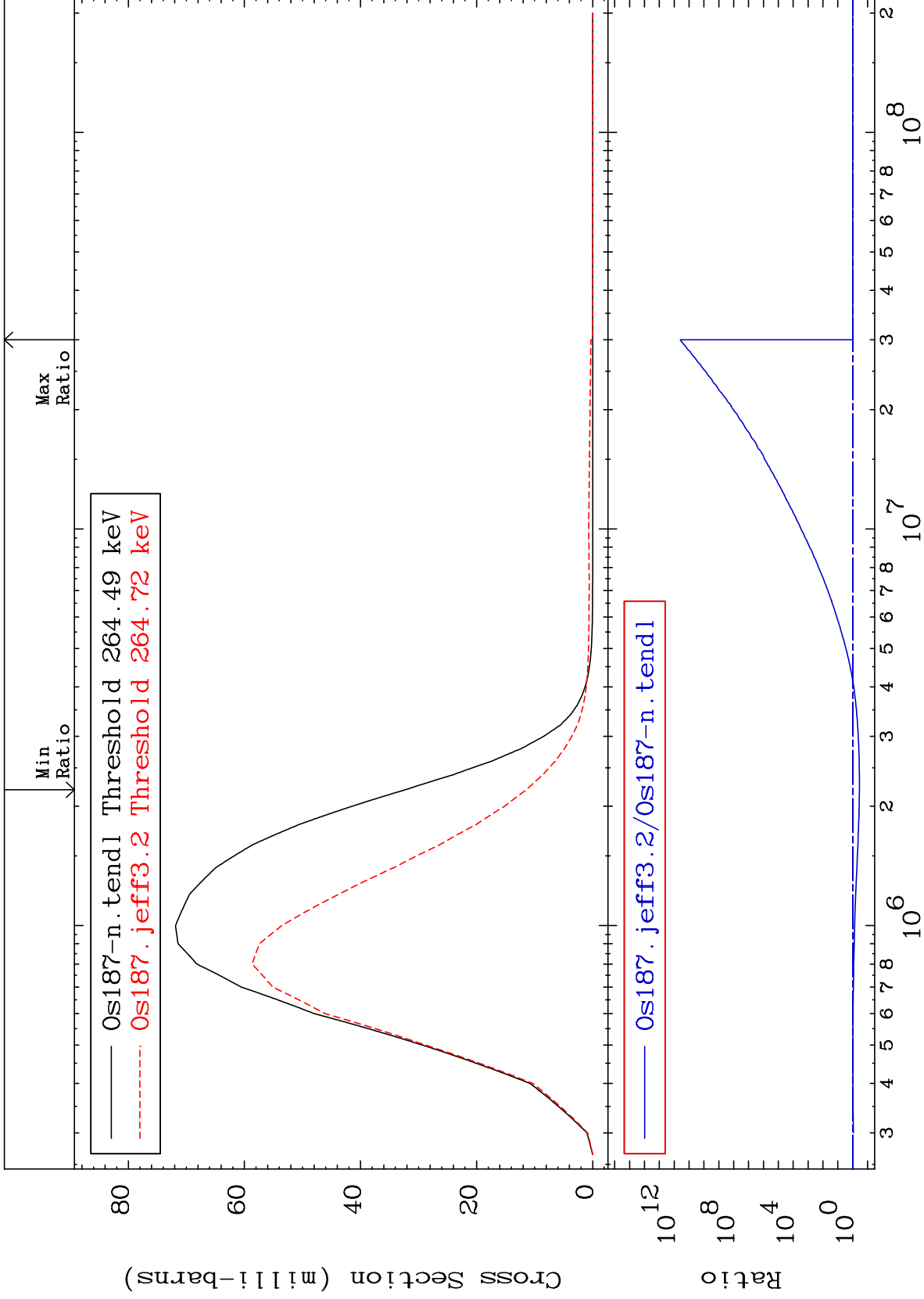
76-Os-187
-63.54 To 9999. %



MAT 7634

263.1 keV (n,n') Level
Cross Section

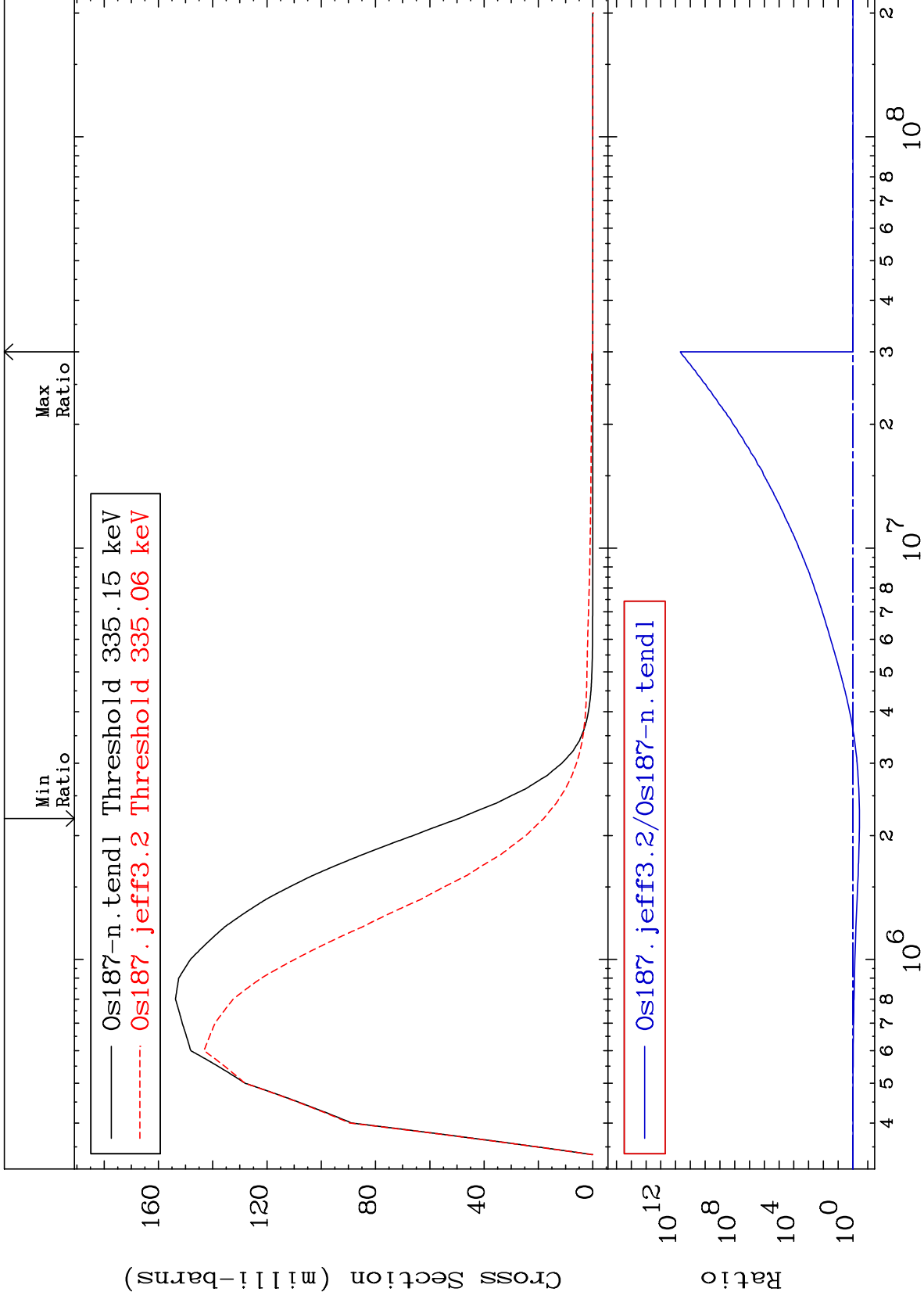
76-Os-187
-64.62 To 9999. %



MAT 7634

333.3 keV (n,n') Level
Cross Section

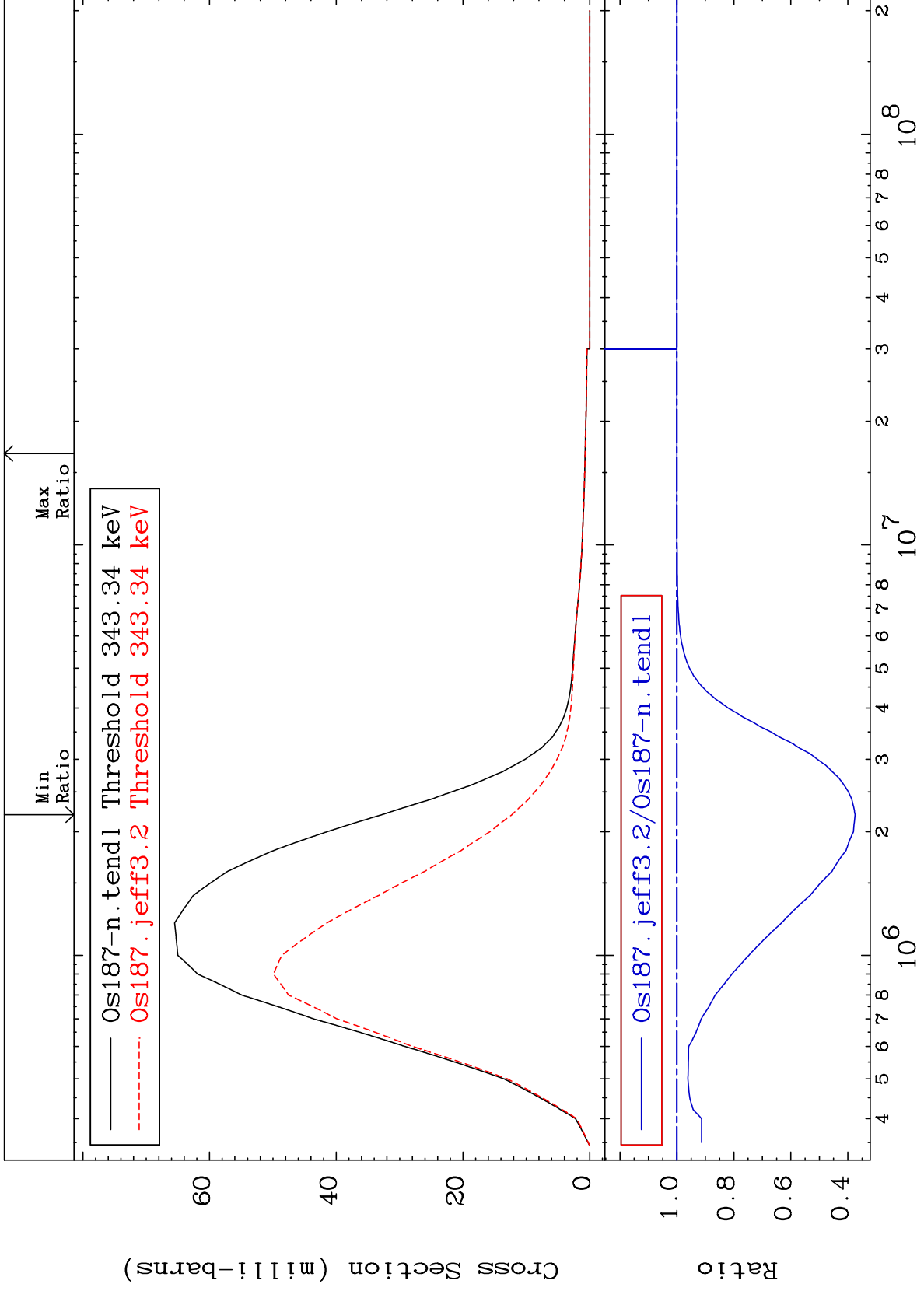
76-Os-187
-63.43 To 9999. %



MAT 7634

341.5 keV (n,n') Level
Cross Section

76-0s-187
-62.56 To 0.000 %



31

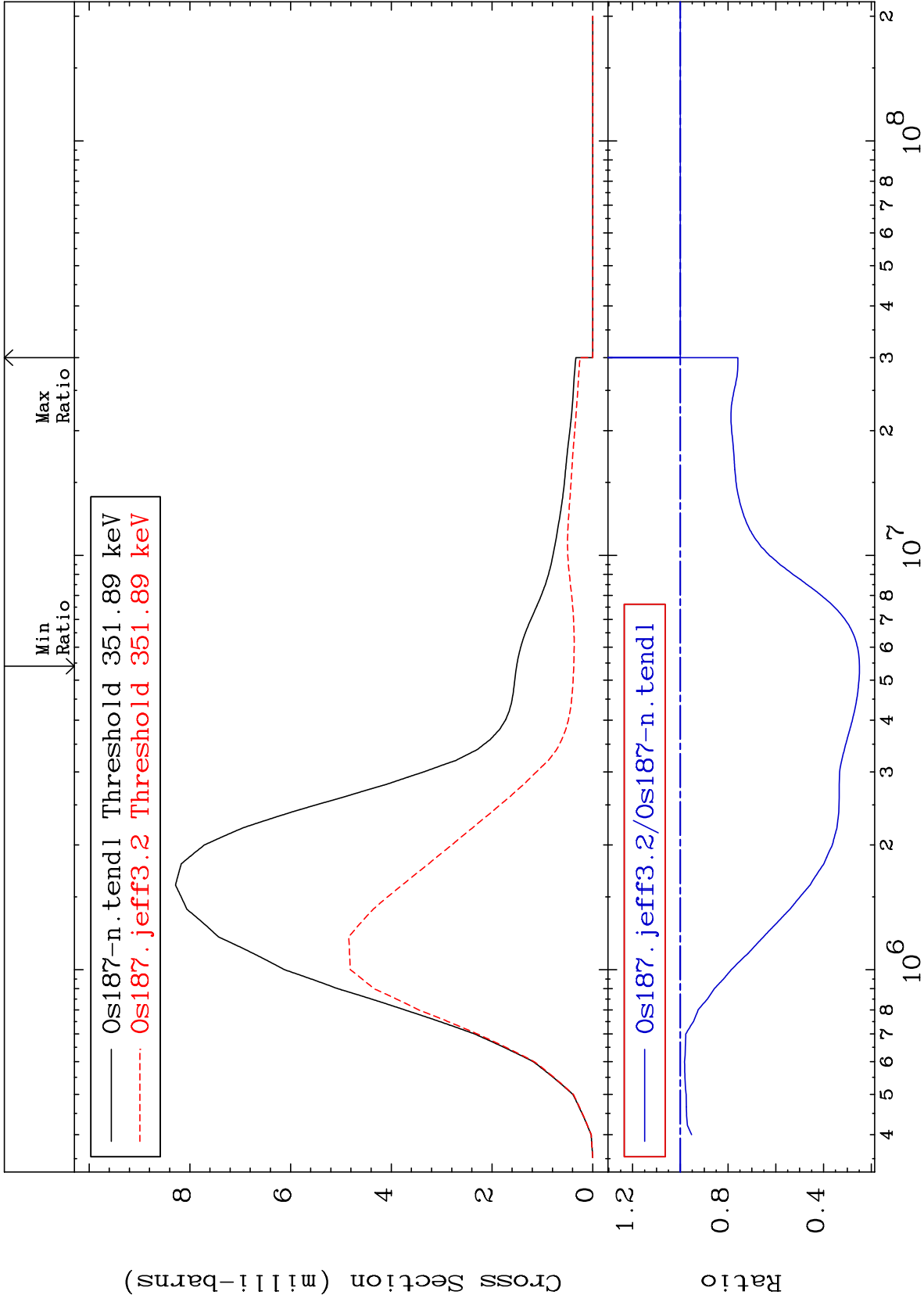
Incident Energy (eV)

76-0s-187

MAT 7634

350.0 keV (n,n') Level
Cross Section

76-0s-187
-75.06 To 0.000 %



32

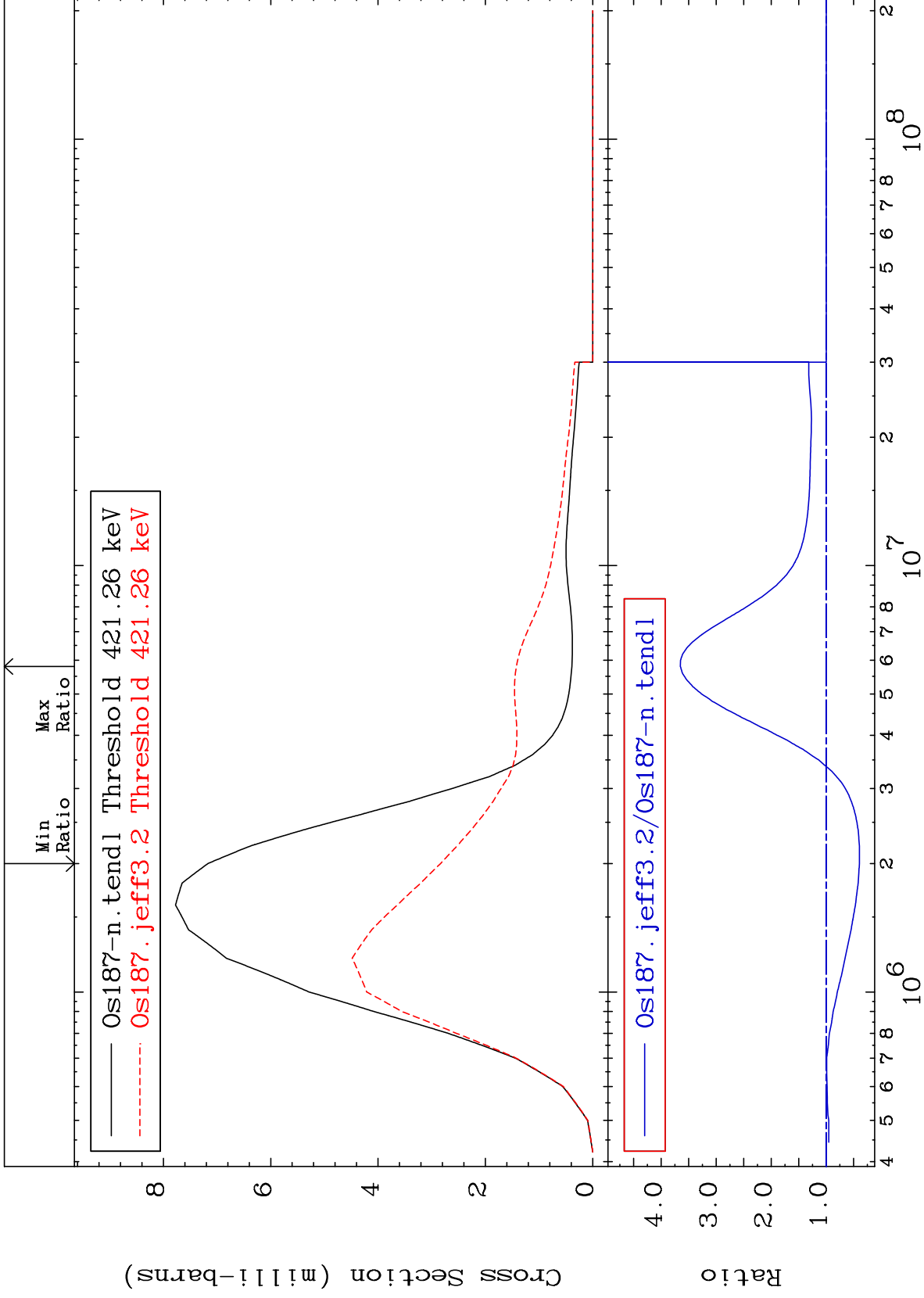
Incident Energy (eV)

76-0s-187

MAT 7634

419.0 keV (n,n') Level
Cross Section

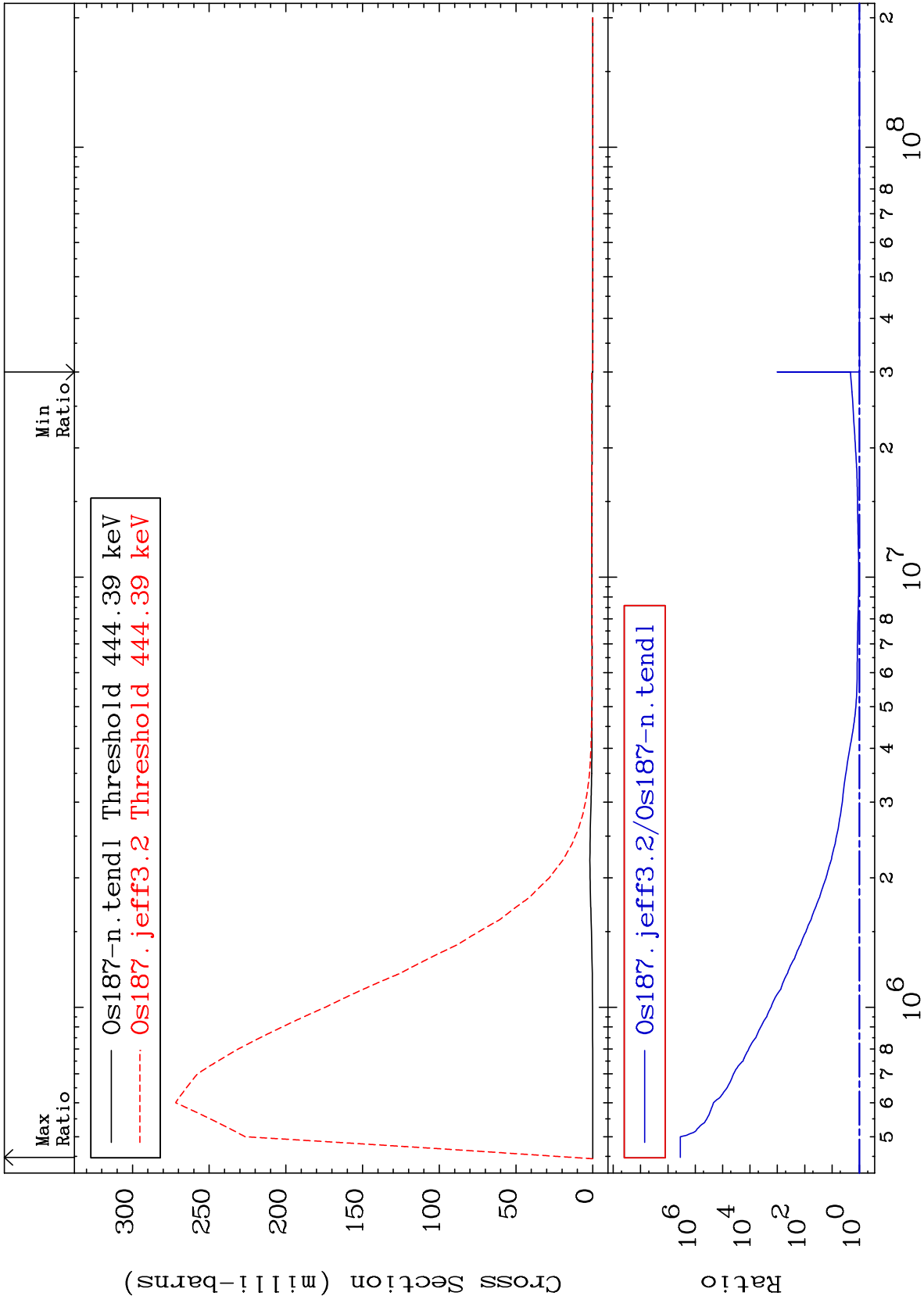
76-Os-187
-60.47 To 265.1 %



MAT 7634

442.0 keV (n,n') Level
Cross Section

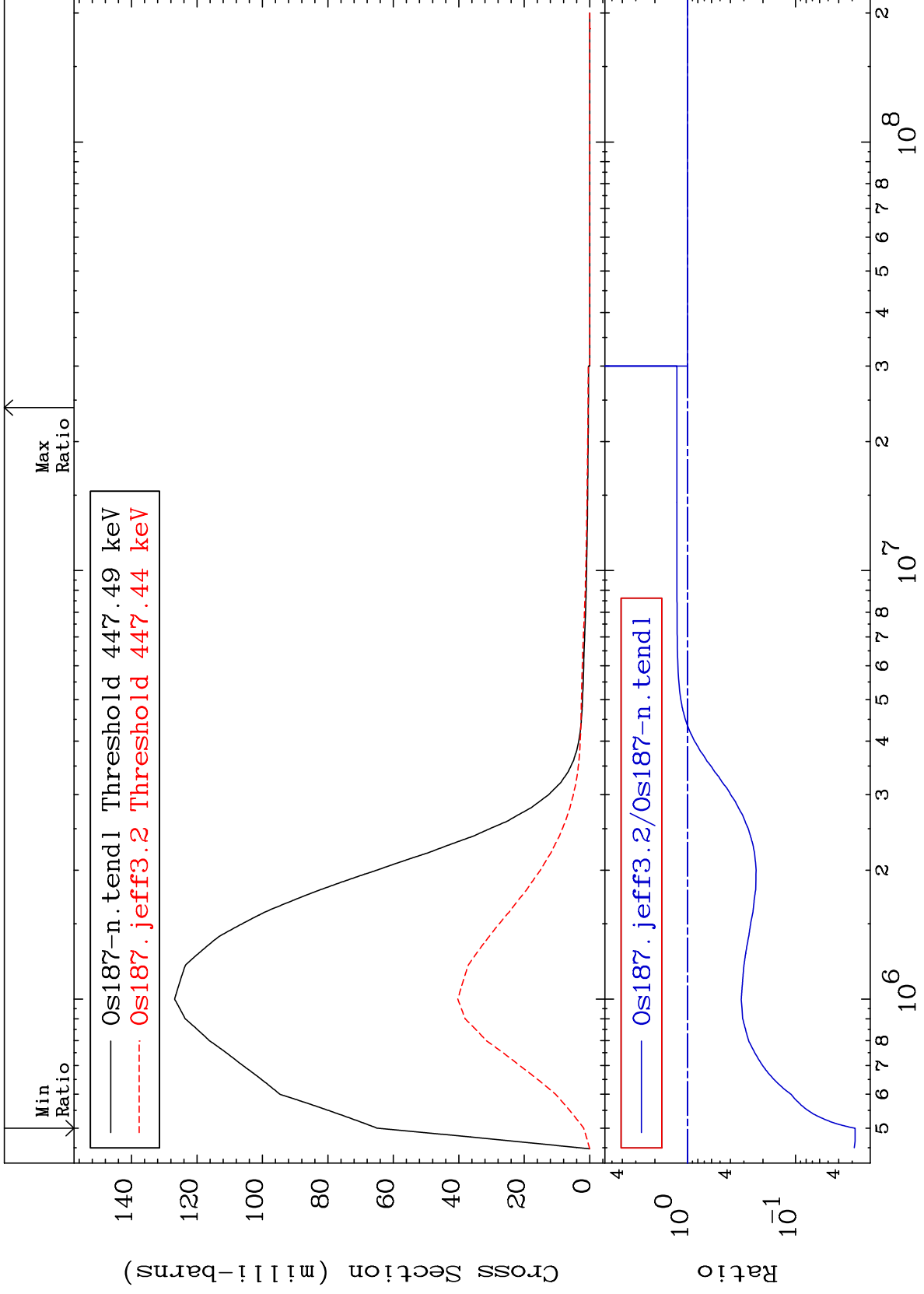
76-Os-187
0.000 To 9999. %



MAT 7634

445.1 keV (n,n') Level
Cross Section

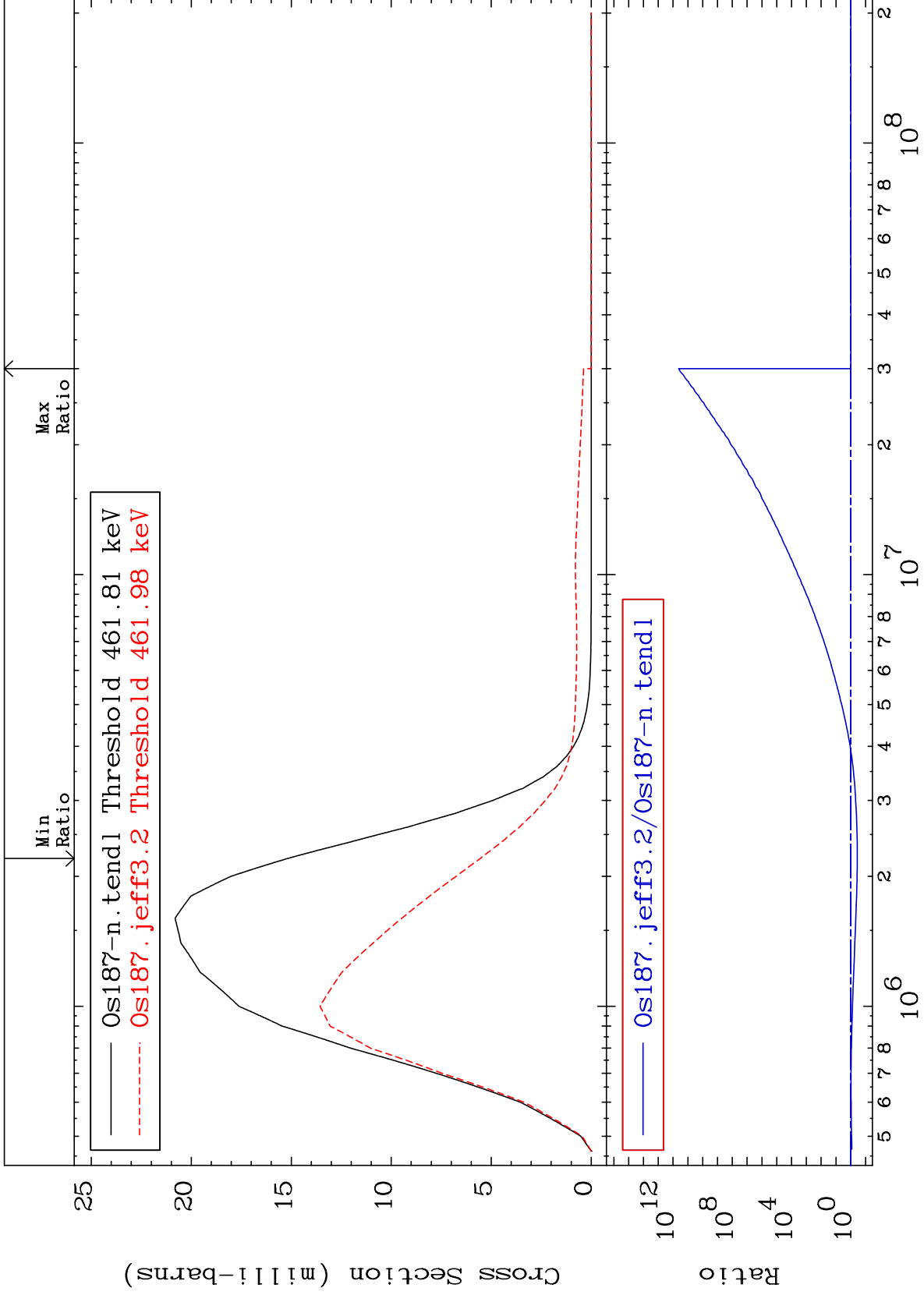
76-Os-187
-97.18 To 25.11 %



MAT 7634

459.3 keV (n,n') Level
Cross Section

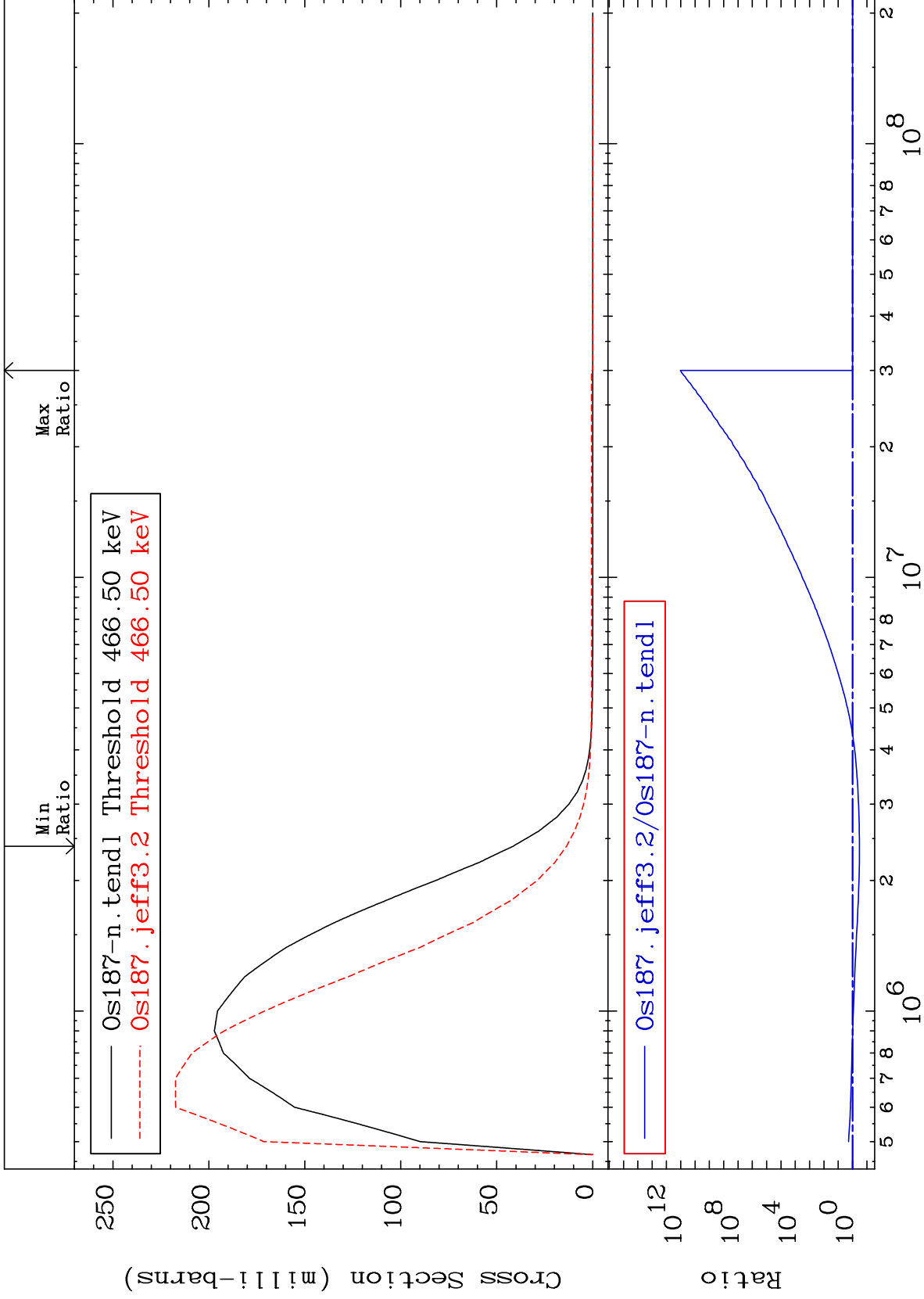
76-0s-187
-63.50 To 9999. %



MAT 7634

464.0 keV (n,n') Level
Cross Section

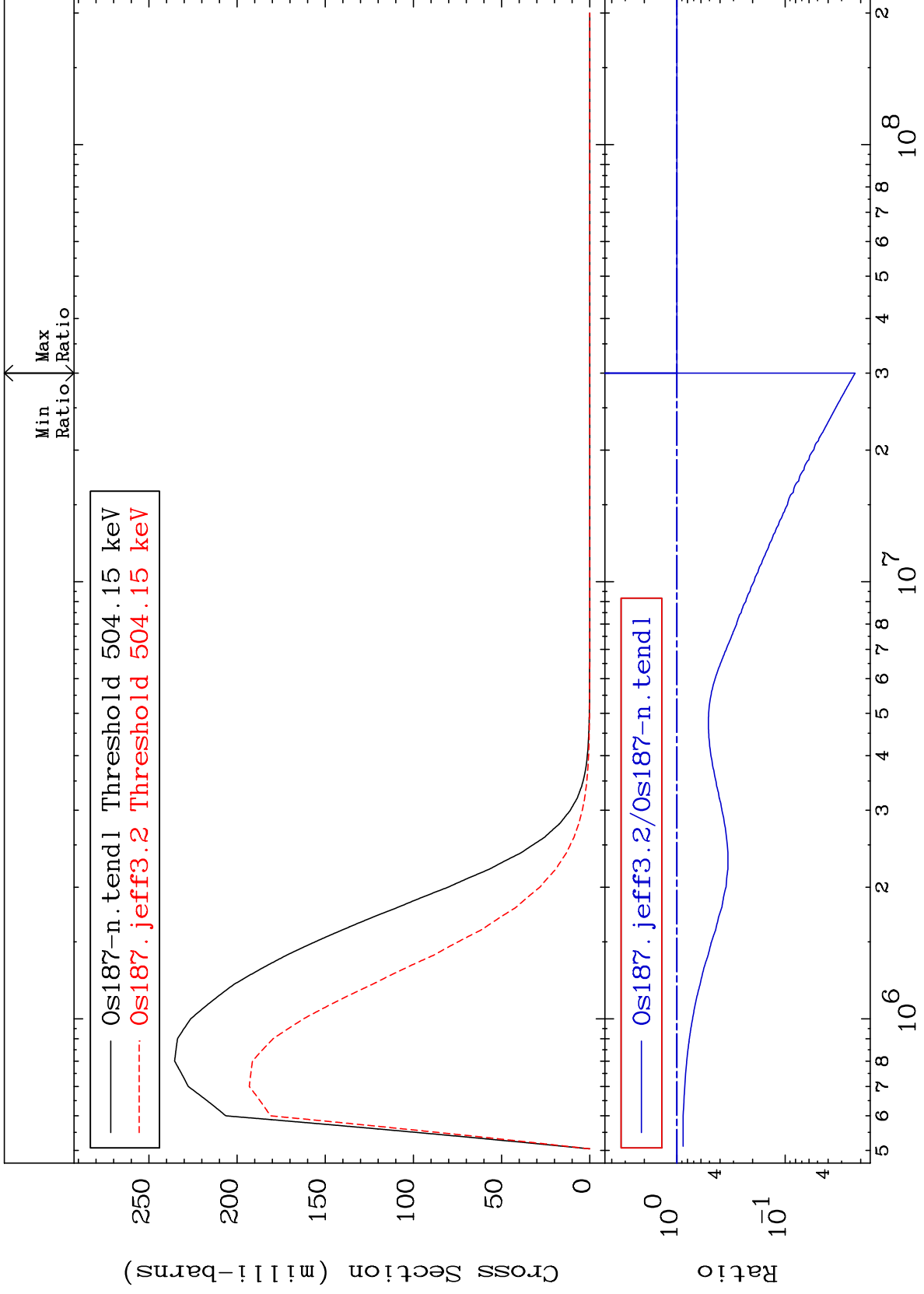
76-0s-187
-67.12 To 9999. %



MAT 7634

501.4 keV (n,n') Level
Cross Section

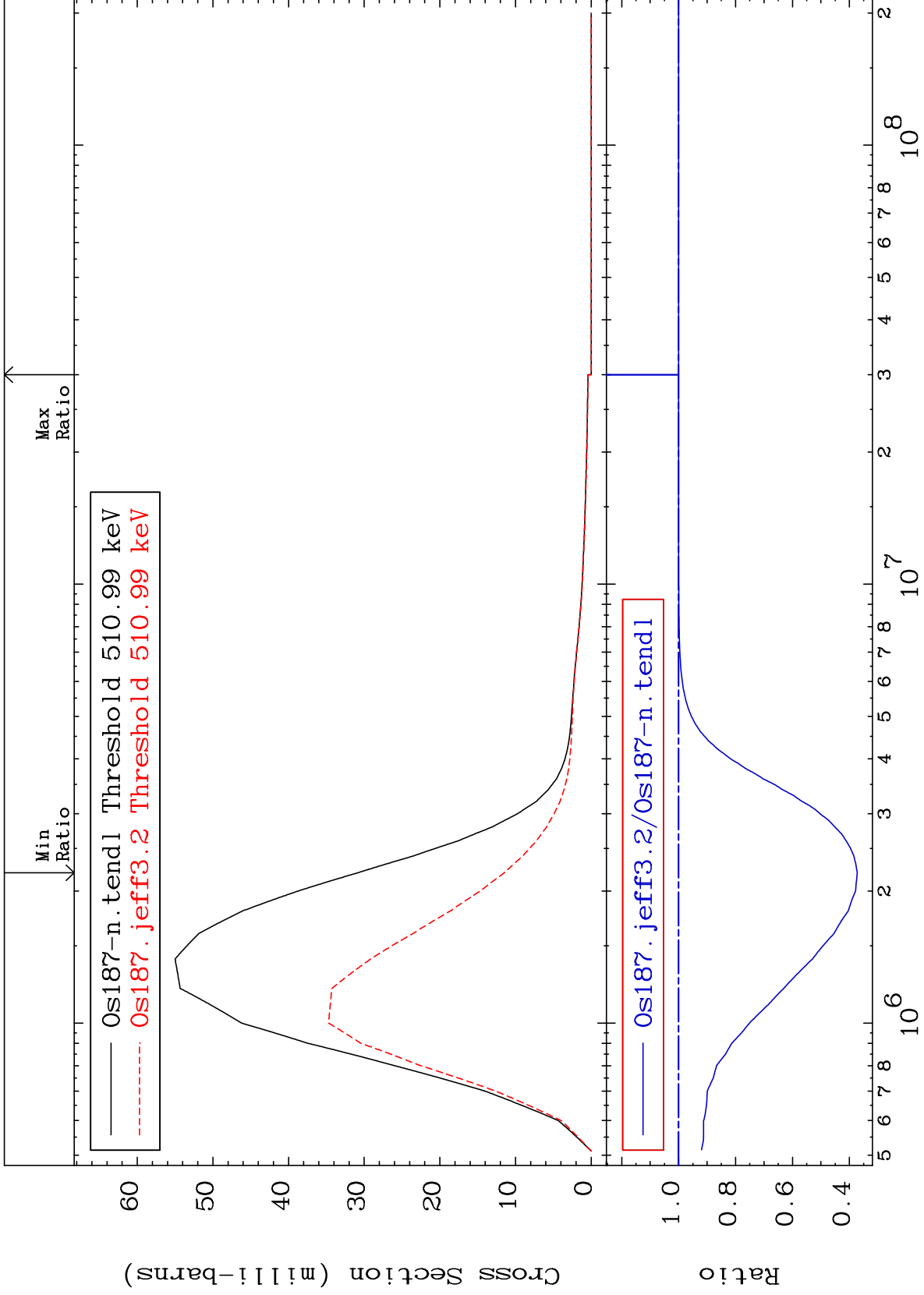
76-0s-187
-97.75 To 0.000 %



MAT 7634

508.3 keV (n,n') Level
Cross Section

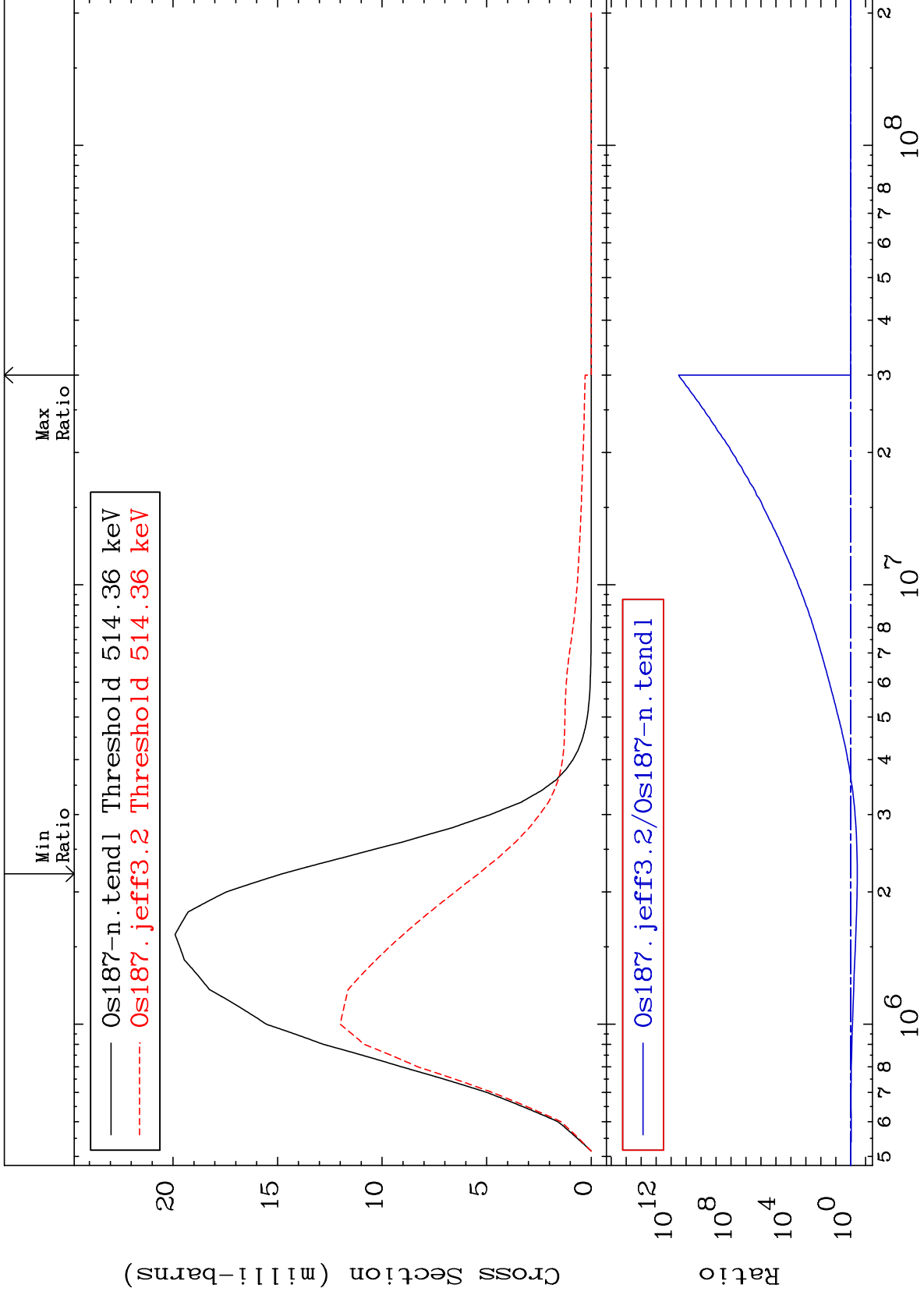
76-0s-187
-62.77 To 0.000 %



MAT 7634

511.6 keV (n,n') Level
Cross Section

76-Os-187
-63.55 To 9999. %



40

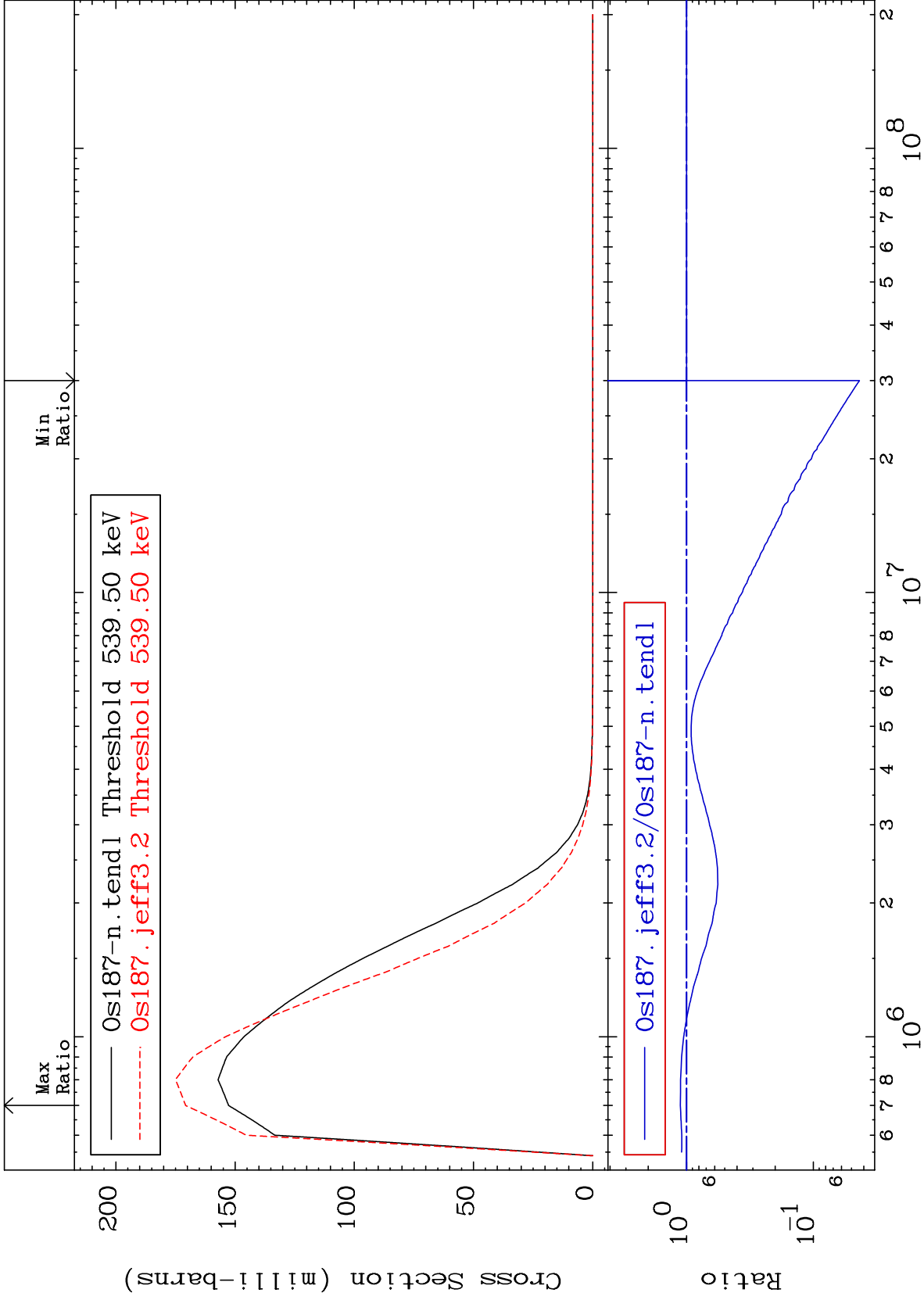
Incident Energy (eV)

76-Os-187

MAT 7634

536.6 keV (n,n') Level
Cross Section

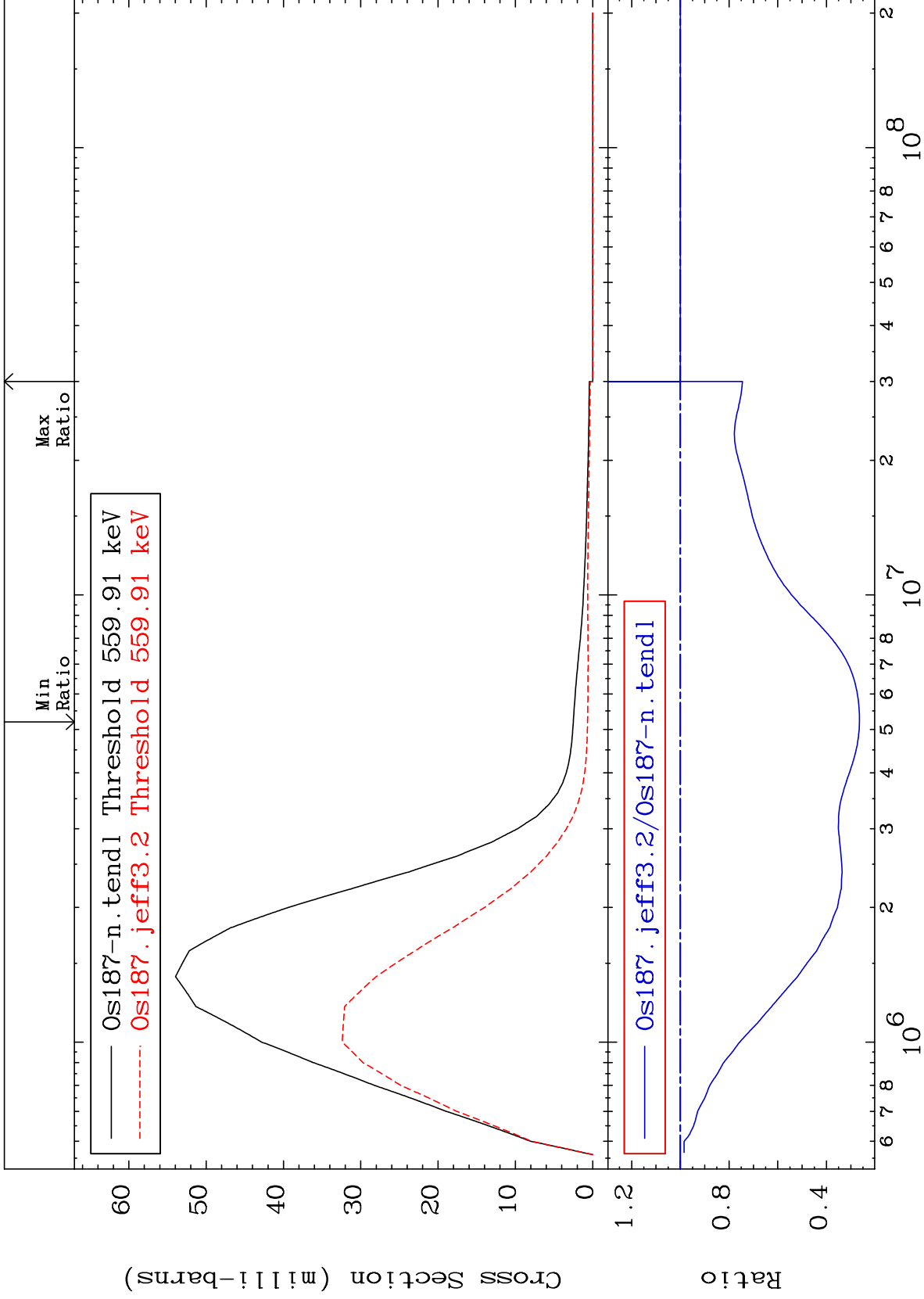
76-0s-187
-95.66 To 11.80 %



MAT 7634

556.9 keV (n,n') Level
Cross Section

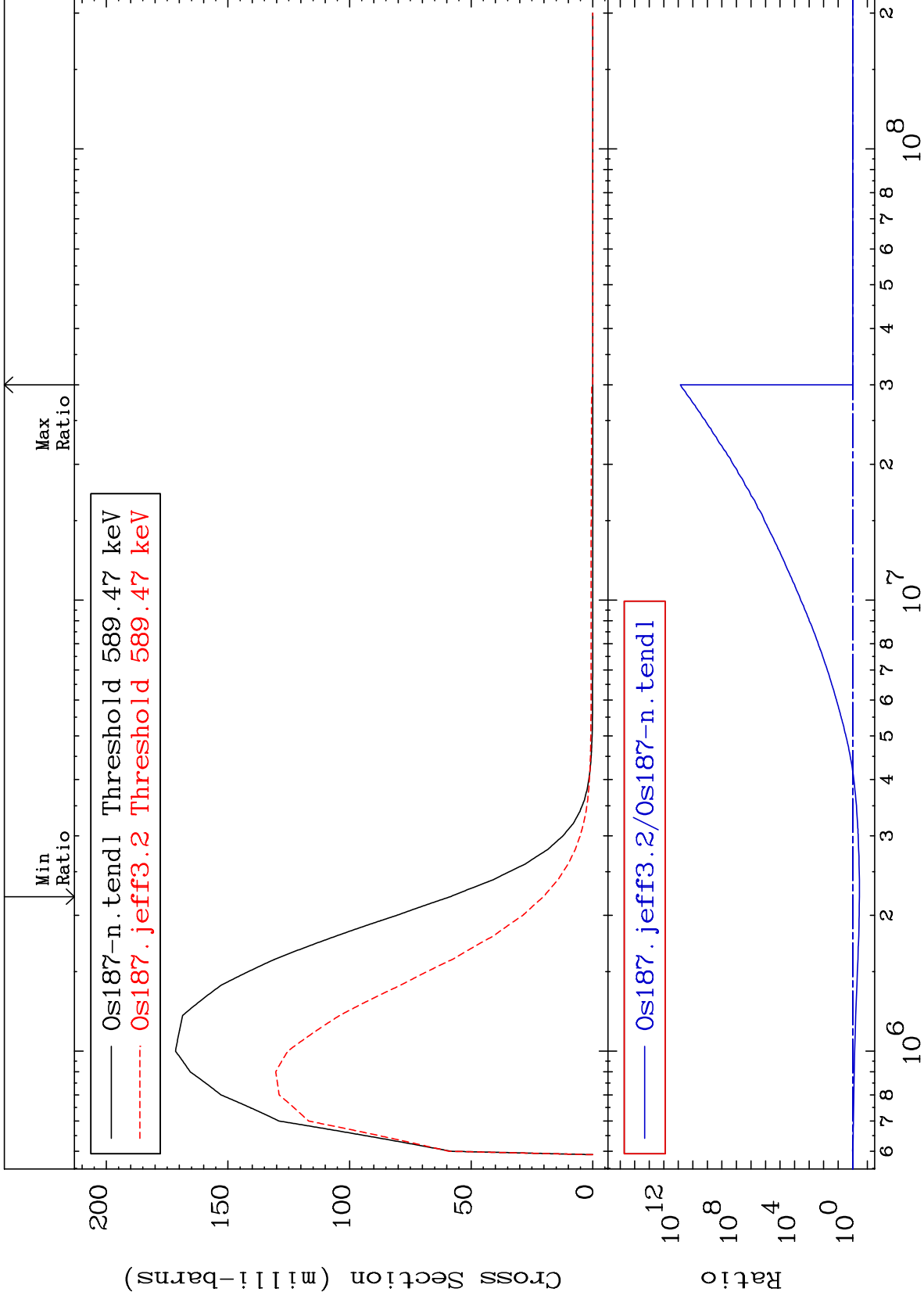
76-0s-187
-73.53 To 0.000 %



MAT 7634

586.3 keV (n,n') Level
Cross Section

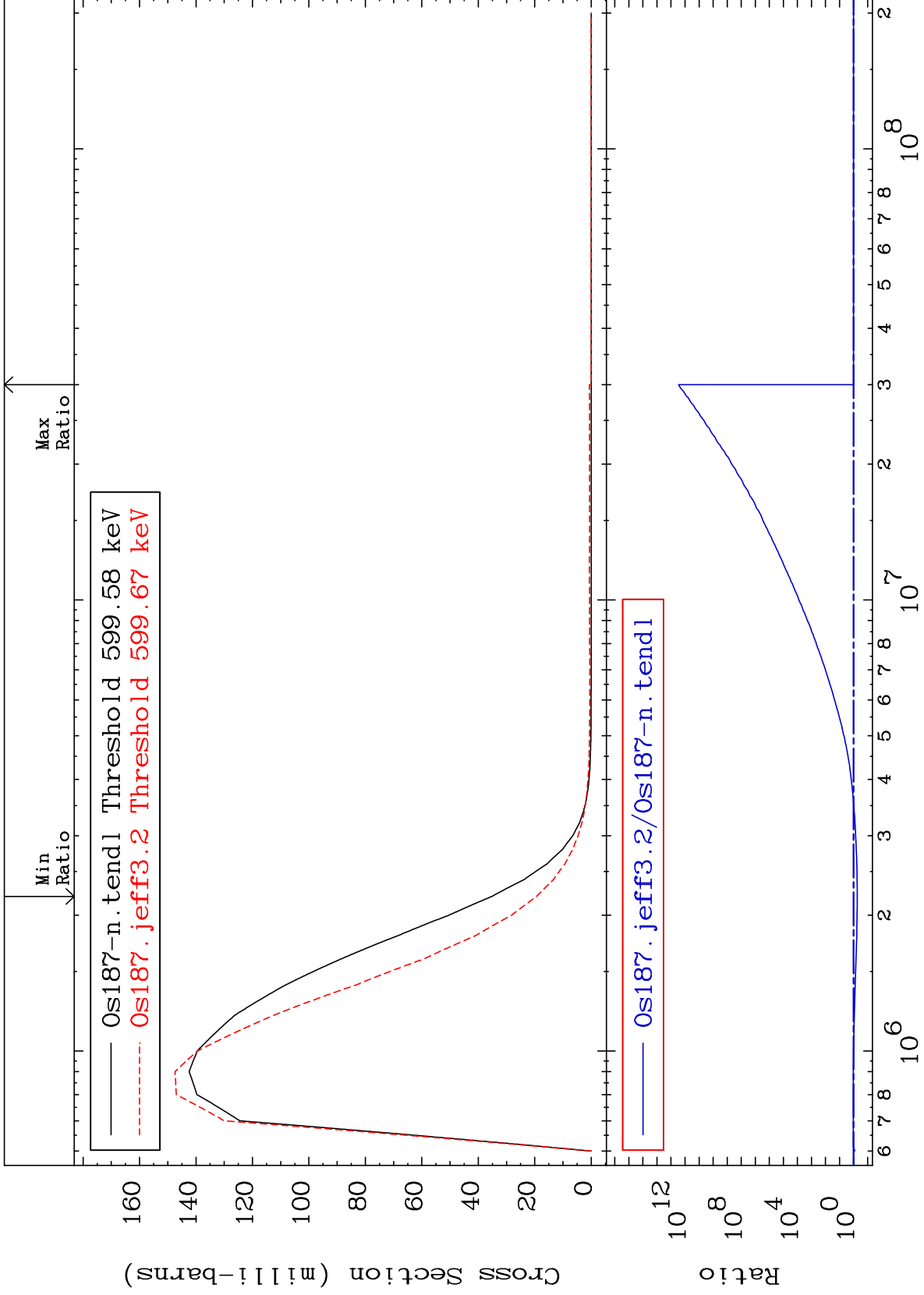
76-0s-187
-65.50 To 9999. %



MAT 7634

596.4 keV (n,n') Level
Cross Section

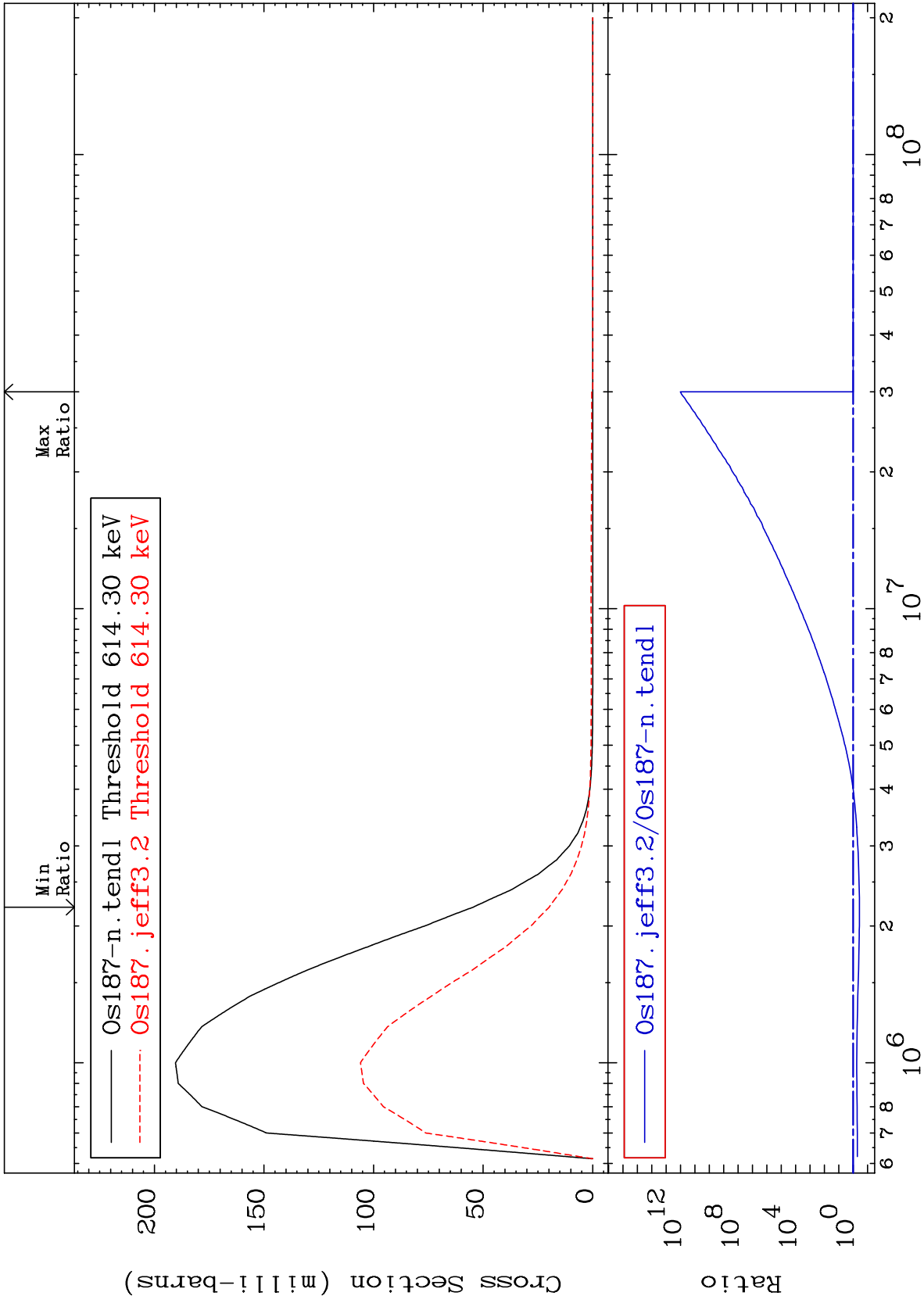
76-Os-187
-45.07 To 9999. %



MAT 7634

611.0 keV (n,n') Level
Cross Section

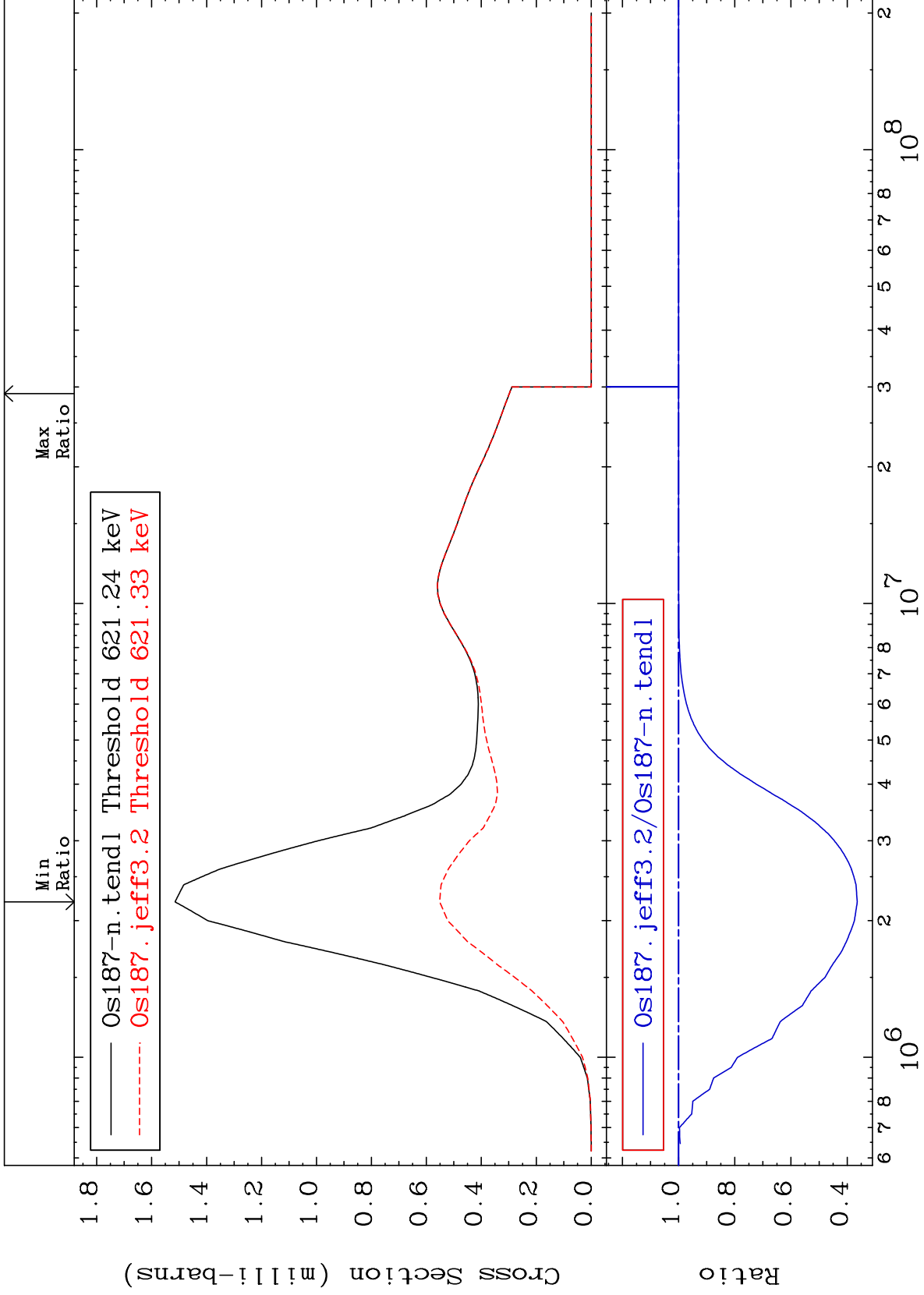
76-0s-187
-63.53 To 9999. %



MAT 7634

617.9 keV (n,n') Level
Cross Section

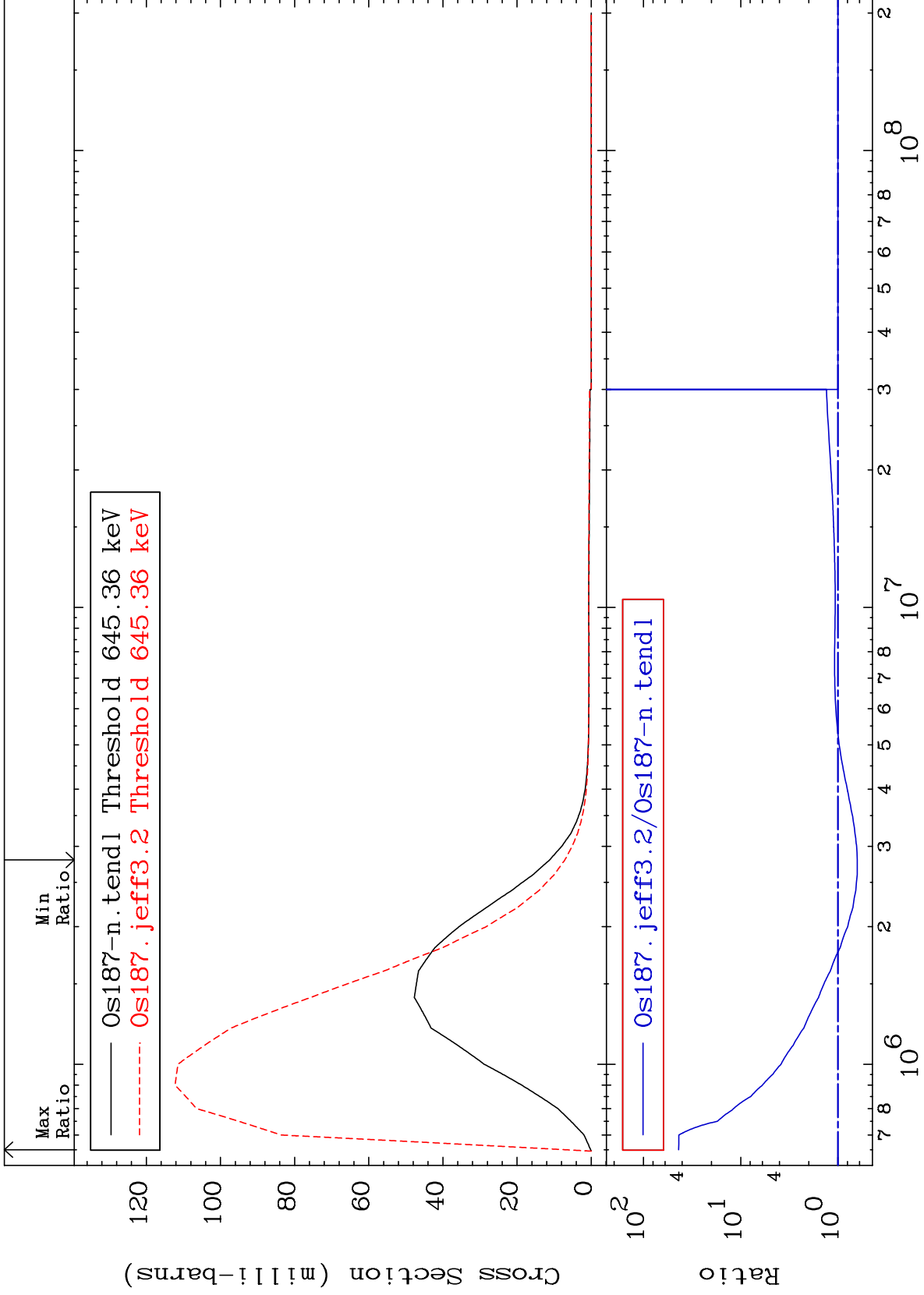
76-0s-187
-63.59 To 0.000 %



MAT 7634

641.9 keV (n,n') Level
Cross Section

76-0s-187
-36.63 To 4251. %



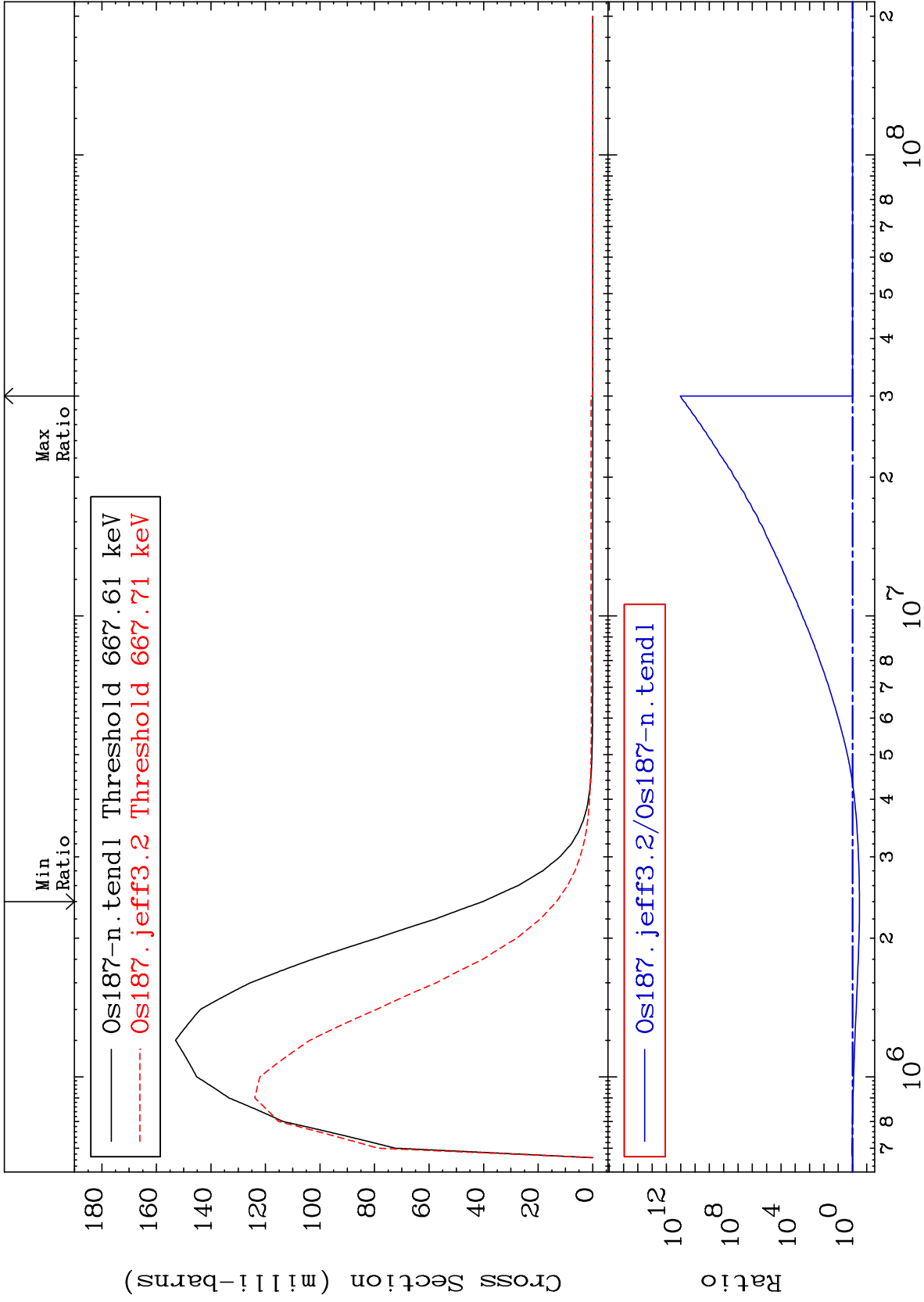
47

76-0s-187

MAT 7634

664.0 keV (n,n') Level
Cross Section

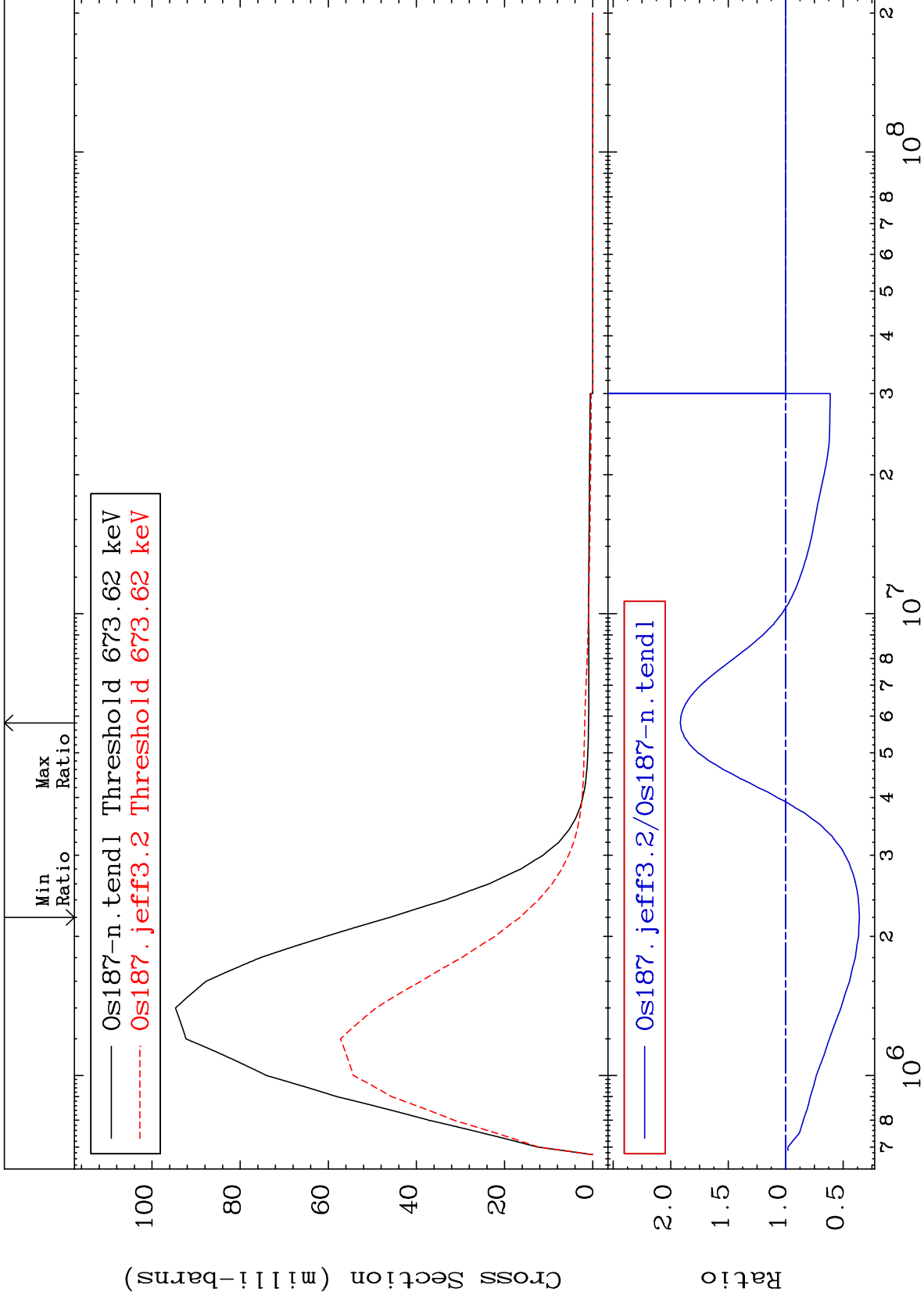
76-0s-187
-67.16 To 9999. %



MAT 7634

670.0 keV (n,n') Level
Cross Section

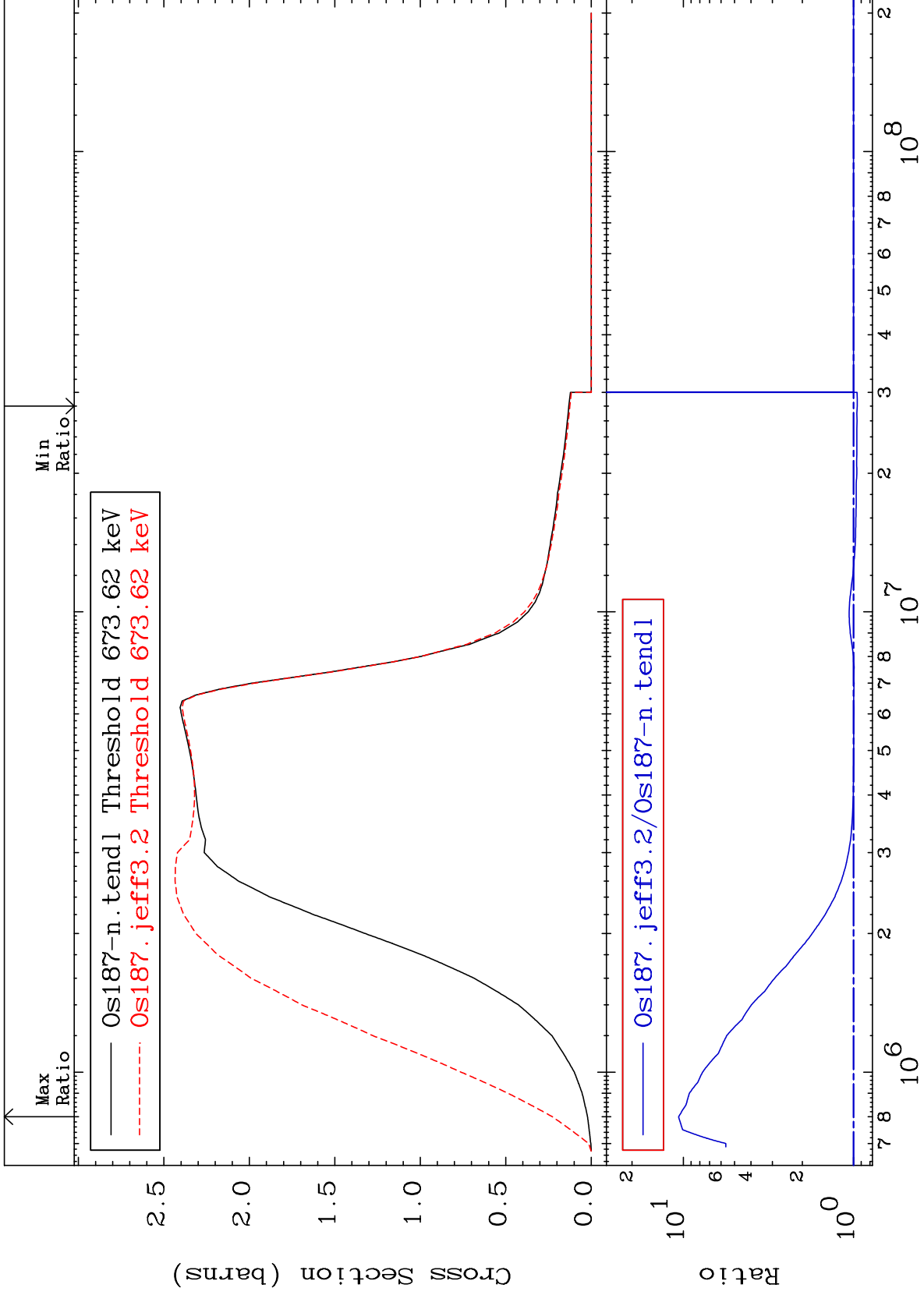
⁷⁶Os-187
-64.14 To 91.64 %



MAT 7634

(n, n') Continuum
Cross Section

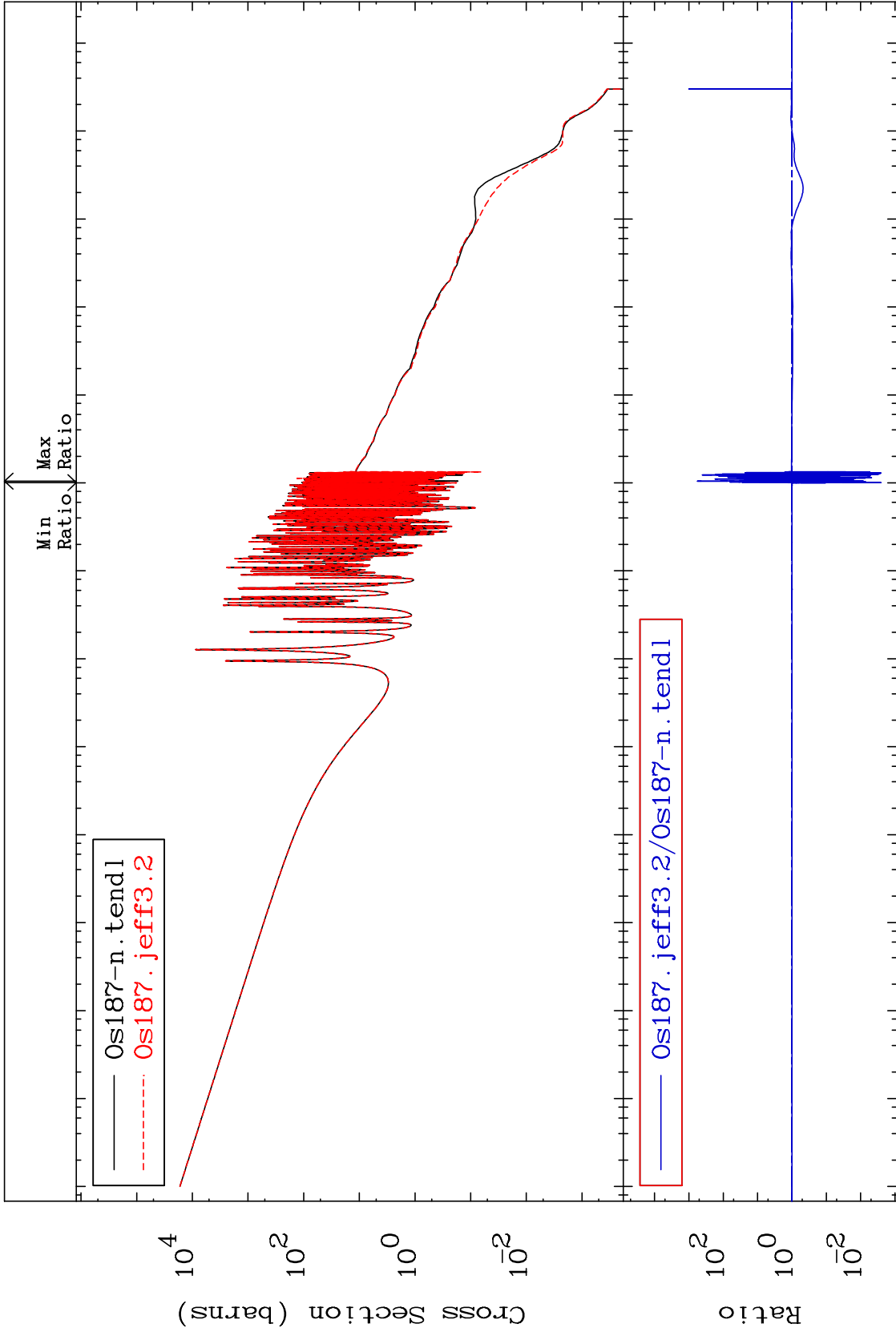
76-Os-187
-4.955 To 965.2 %



MAT 7634

(n, γ)
Cross Section

76-0s-187
-99.75 To 9999. %

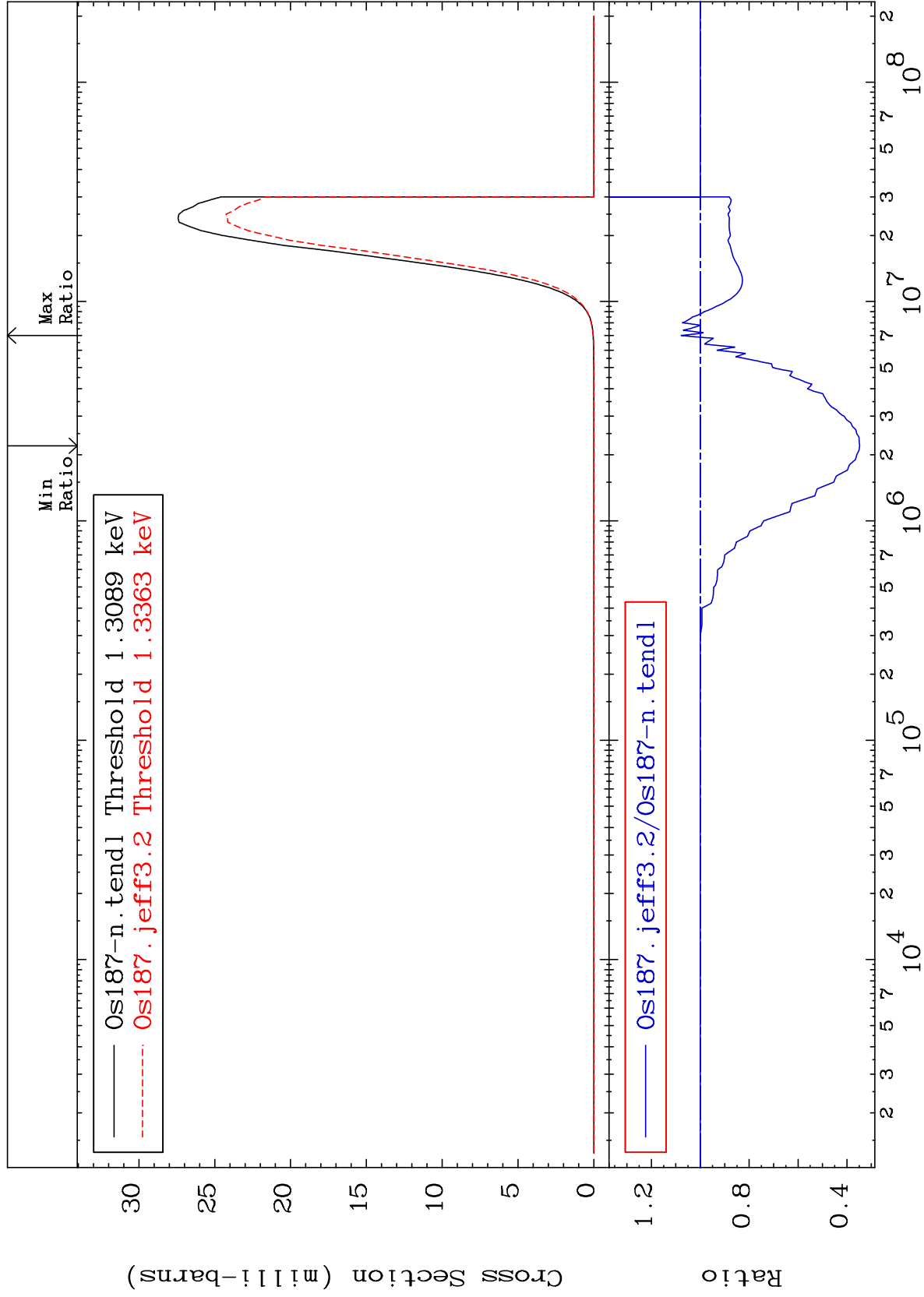


MAT 7634

(n,p)
Cross Section

76-Os-187

-65.21 To 7.810 %



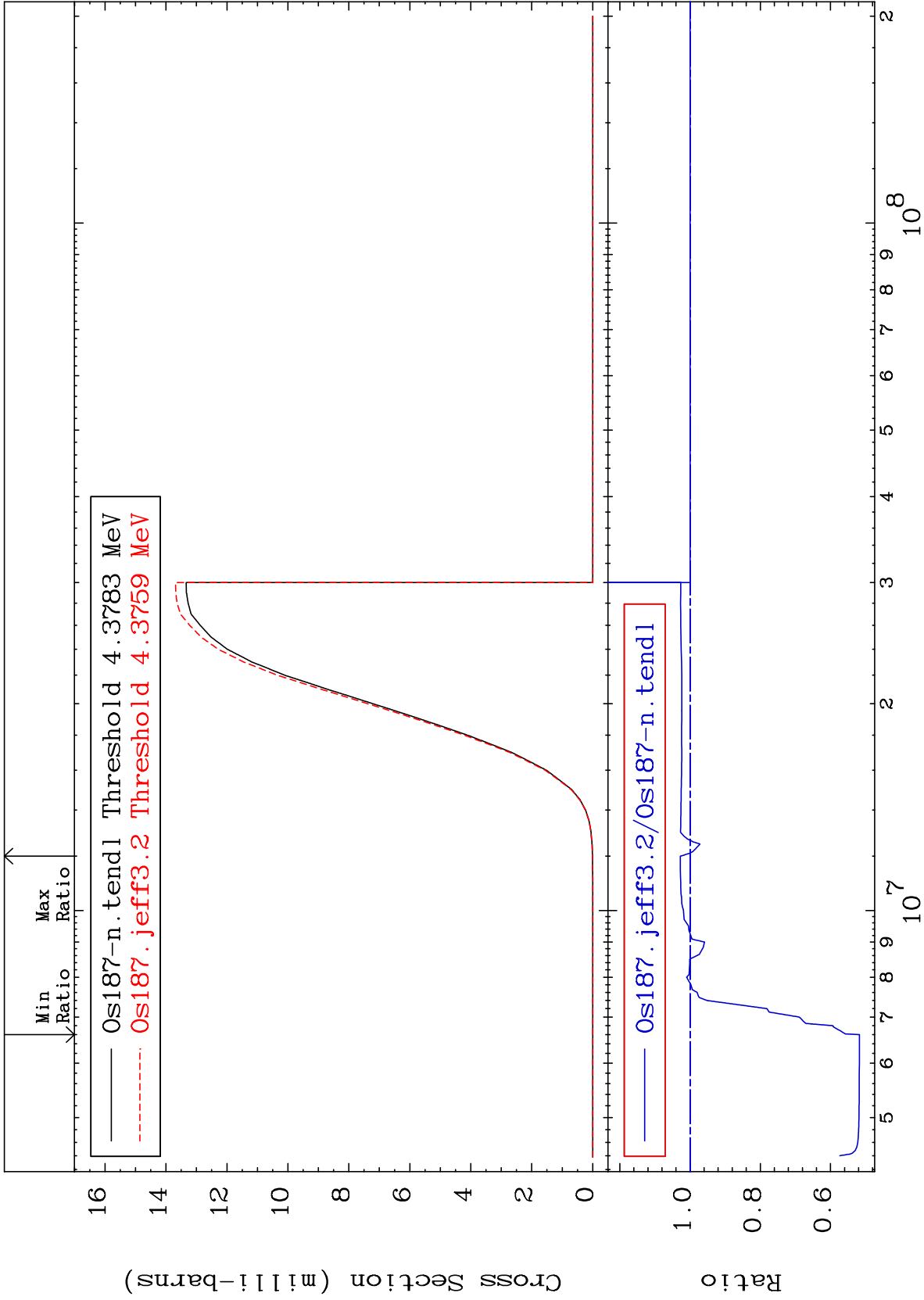
MAT 7634

(n, d)

76-Os-187

Cross Section

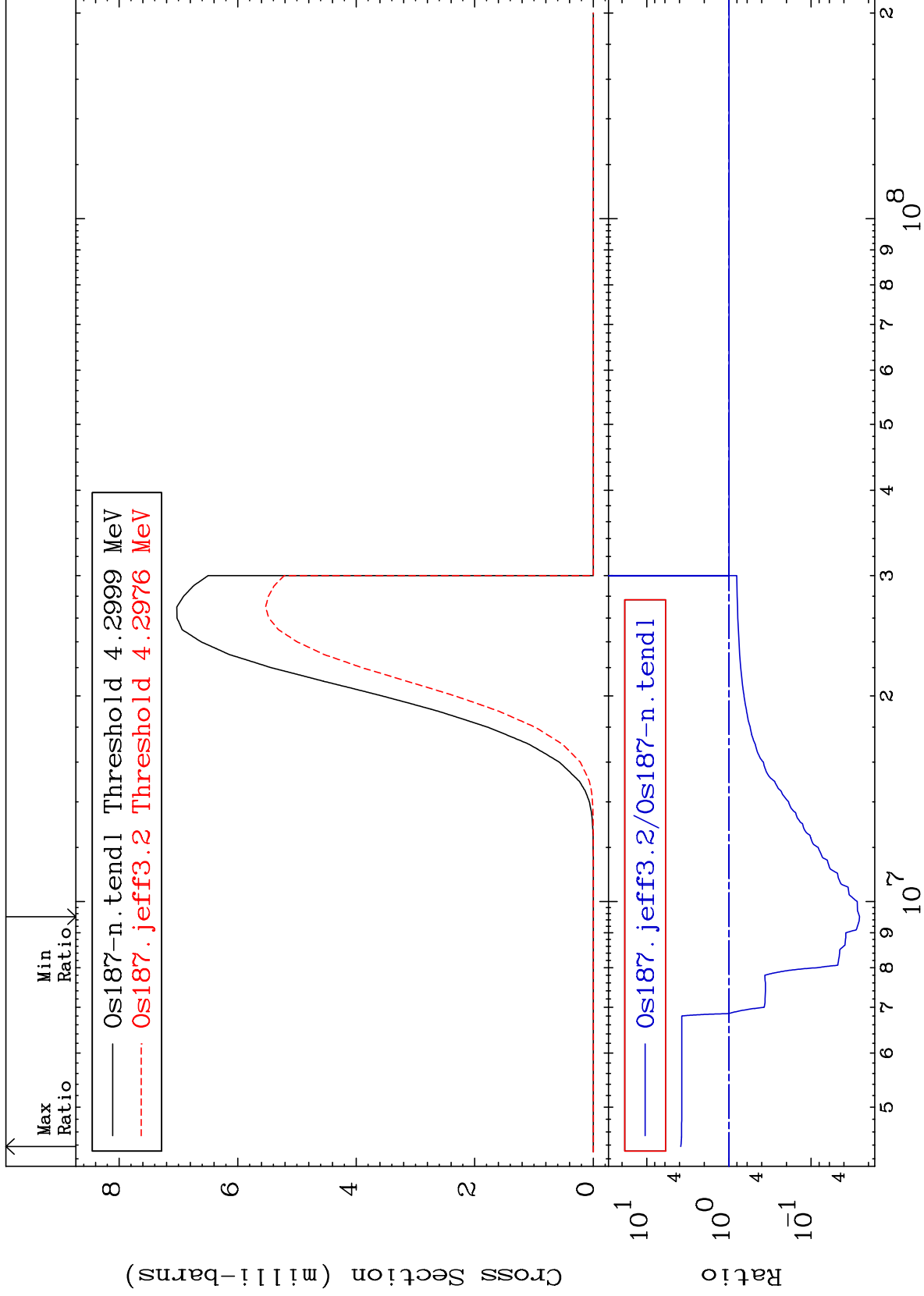
-48.23 To 2.764 %

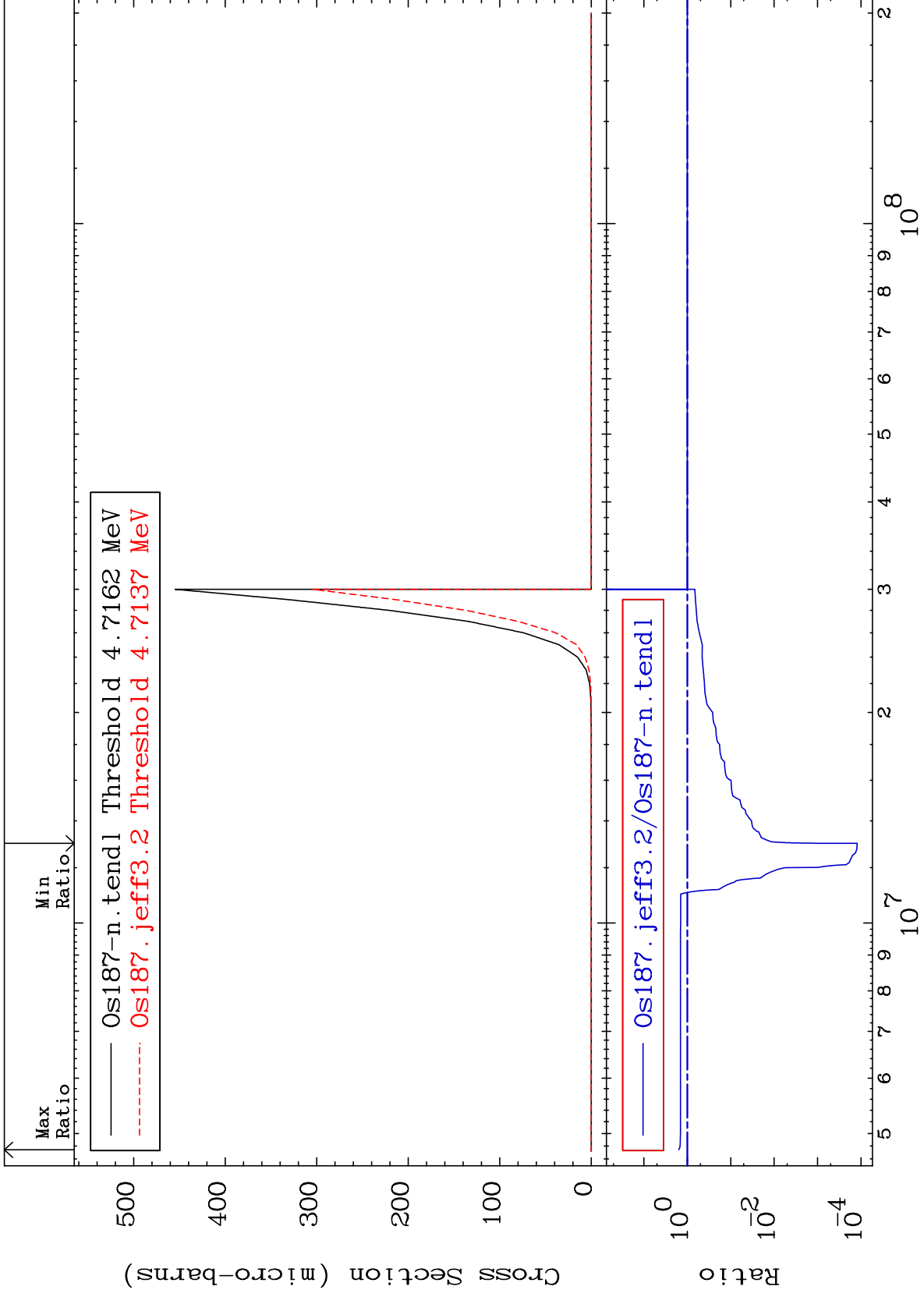


MAT 7634

(n, t)
Cross Section

76-Os-187
-97.42 To 285.2 %





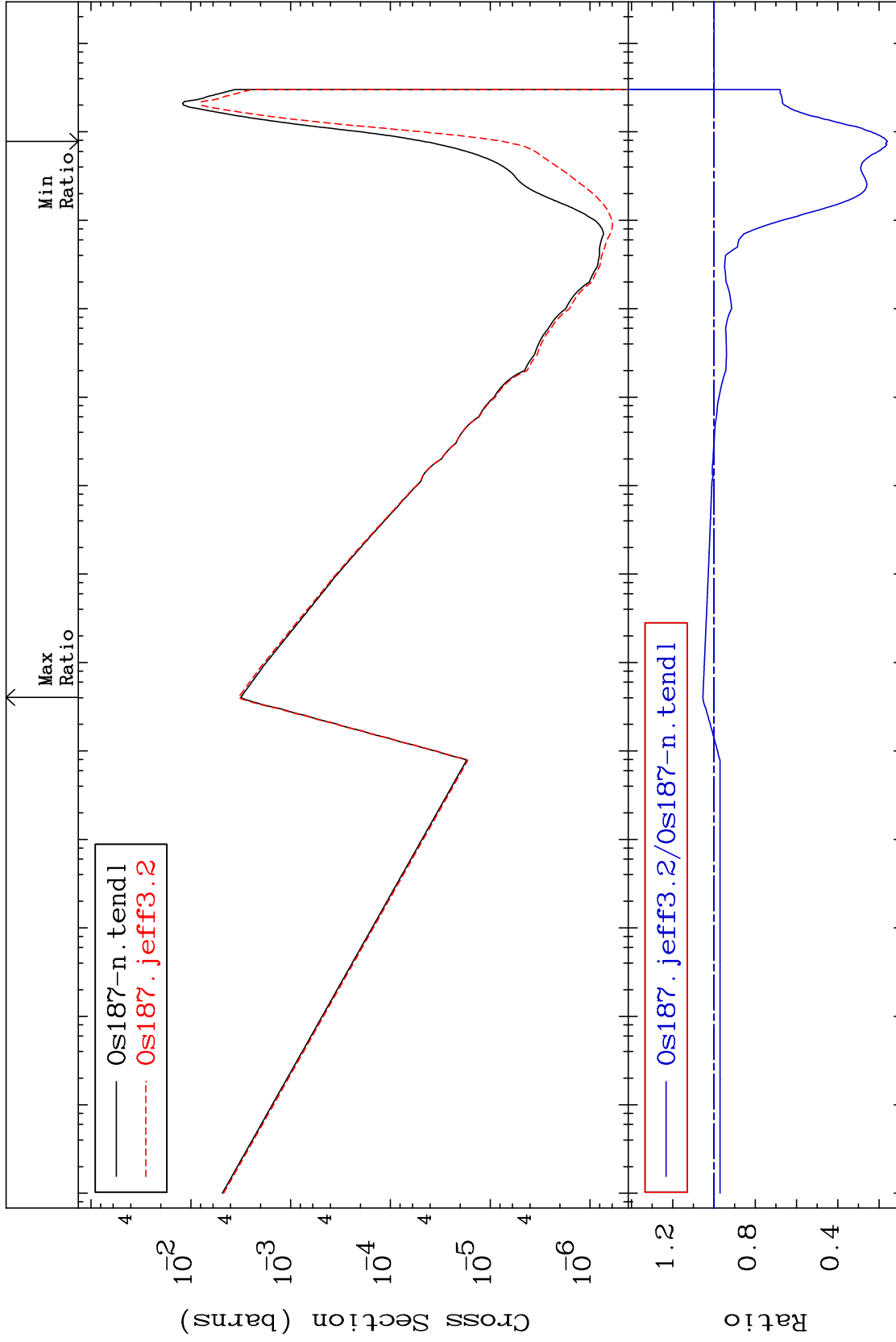
MAT 7634

(n, α)

76-0s-187

Cross Section

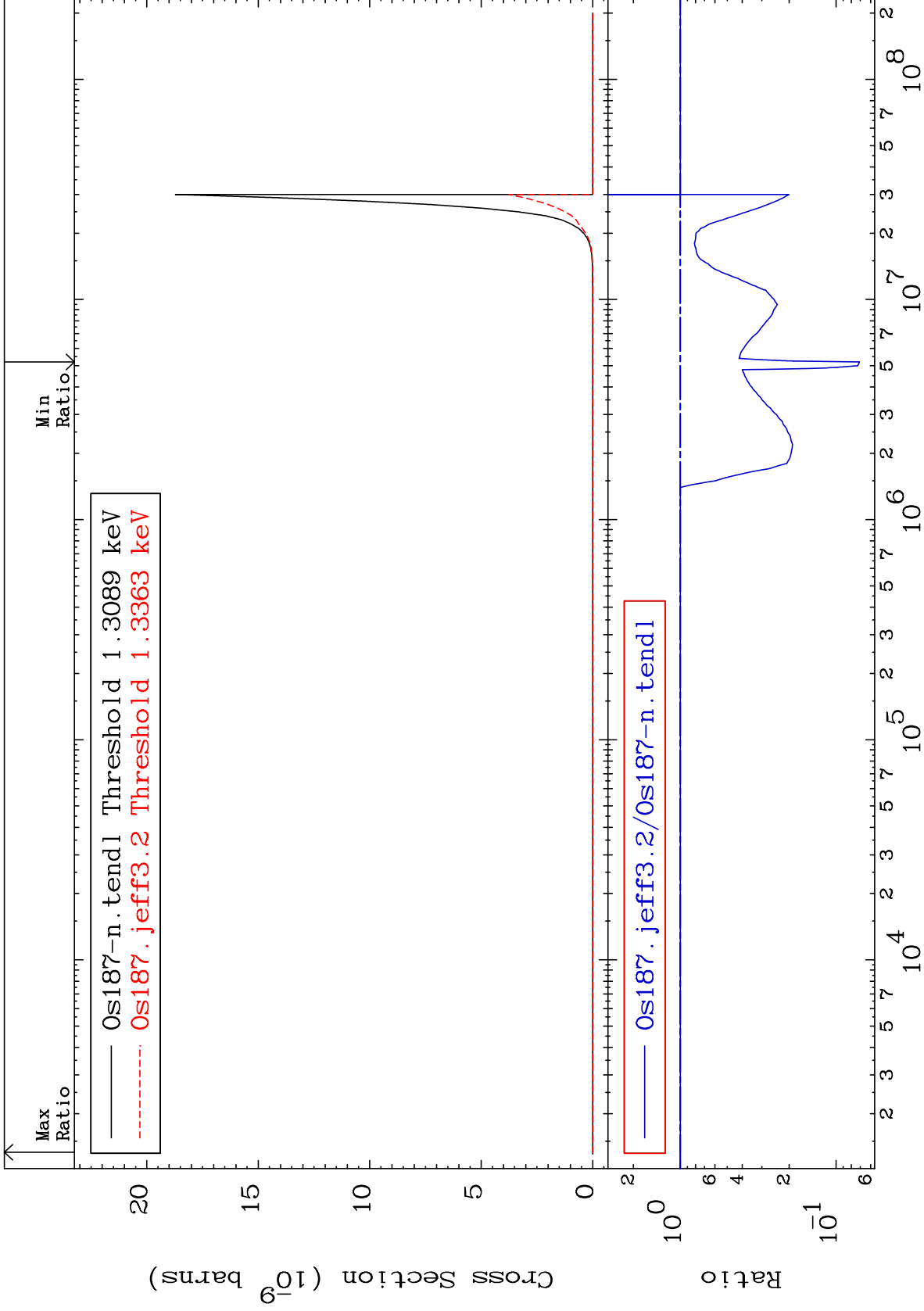
-84.03 To 5.414 %



Incident Energy (eV)

76-0s-187

56



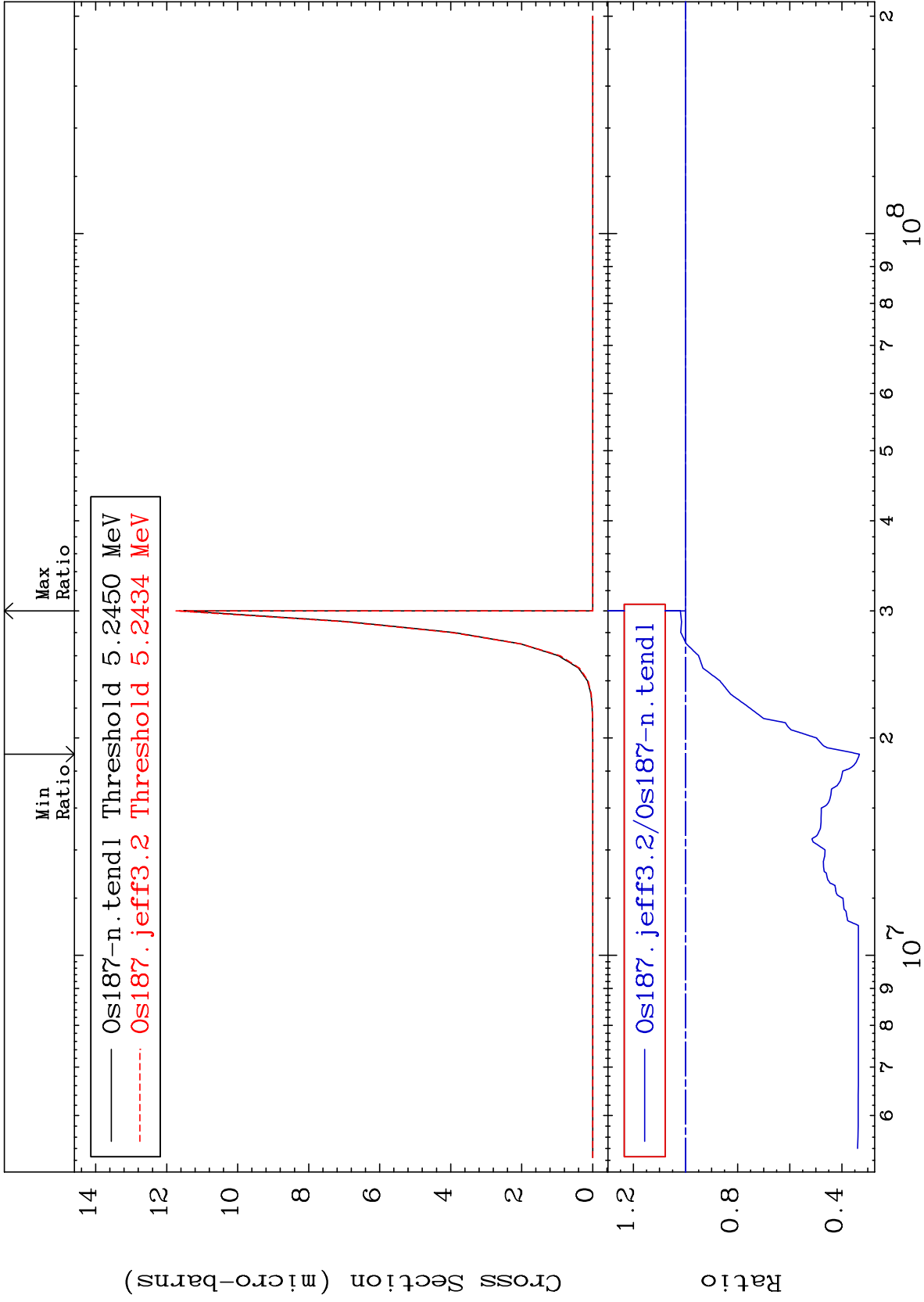
MAT 7634

(n,2p)

76-0s-187

Cross Section

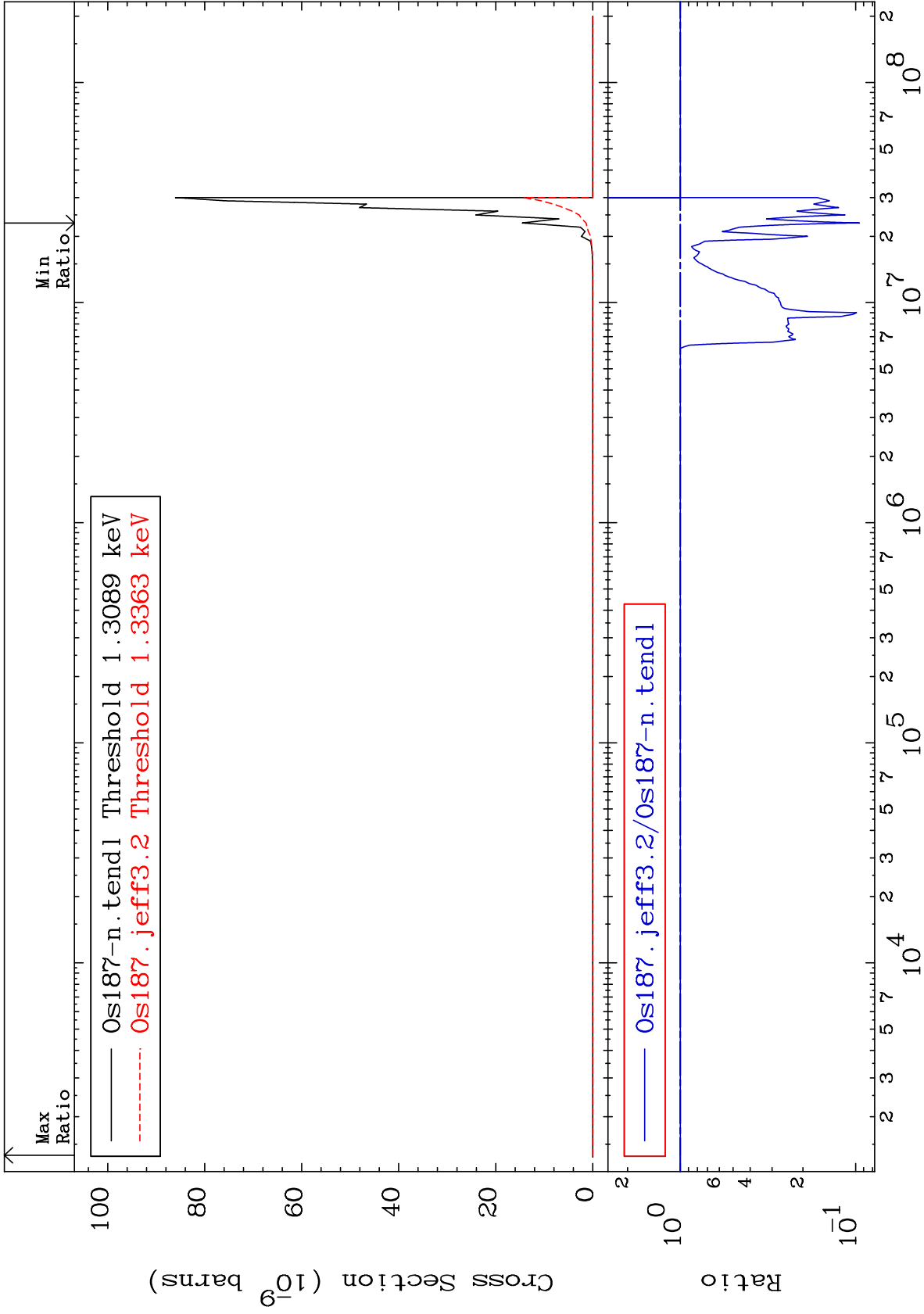
-66.77 To 1.991 %



MAT 7634

(n, p) α
Cross Section

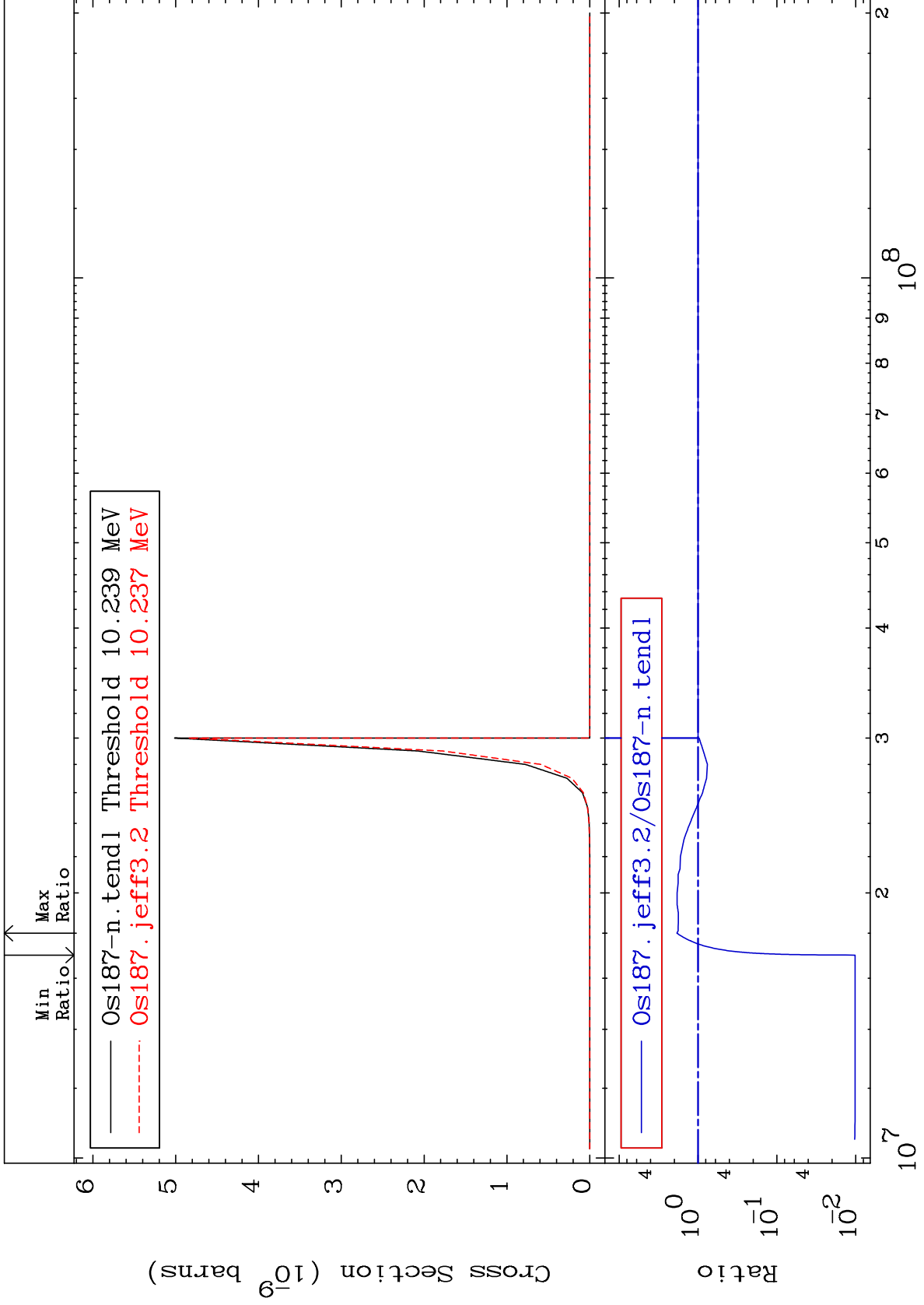
76-0s-187
-90.48 To 0.000 %



MAT 7634

(n,p) d
Cross Section

76-0s-187
-98.98 To 85.28 %



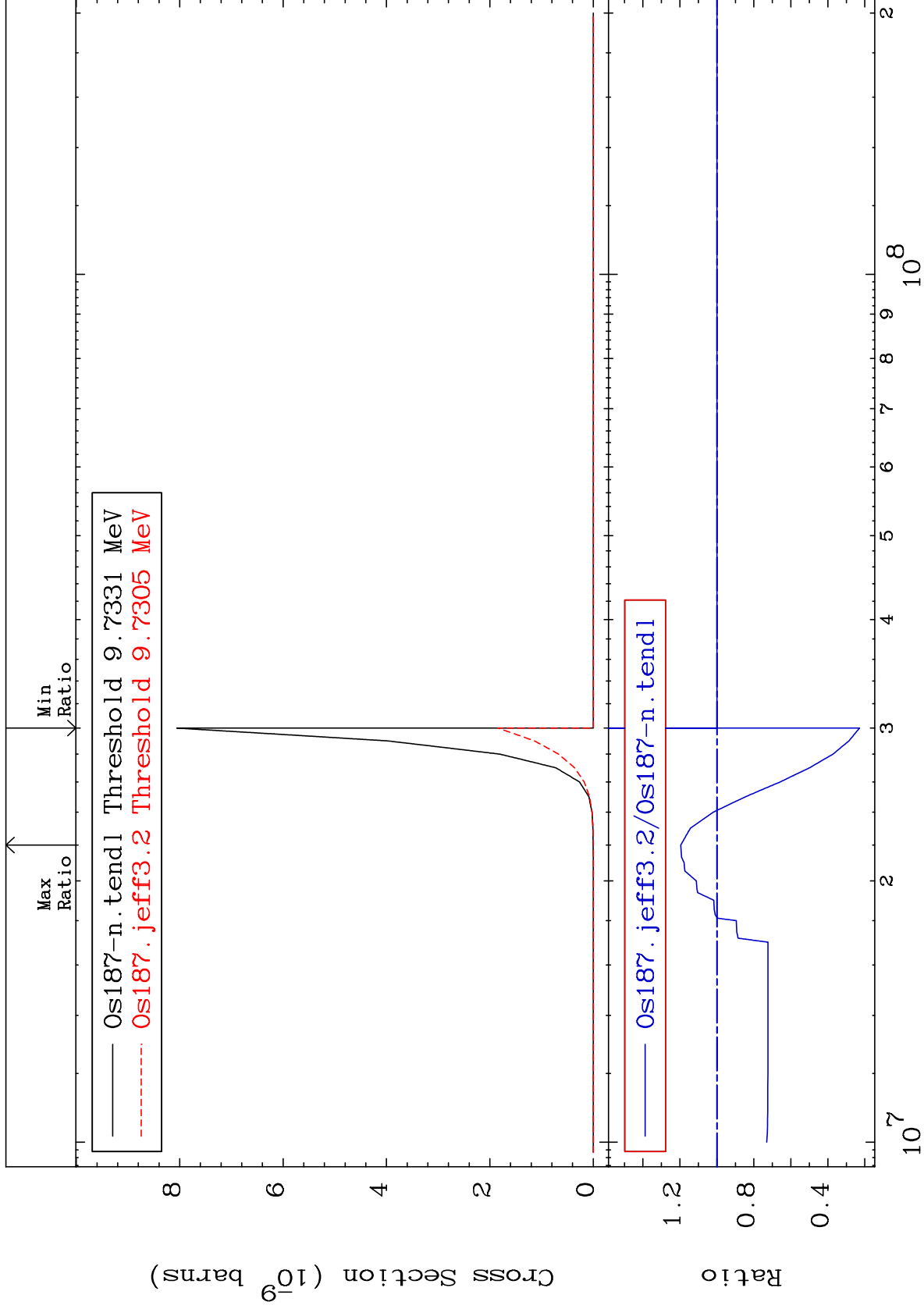
76-0s-187

60

MAT 7634

(n,p) t
Cross Section

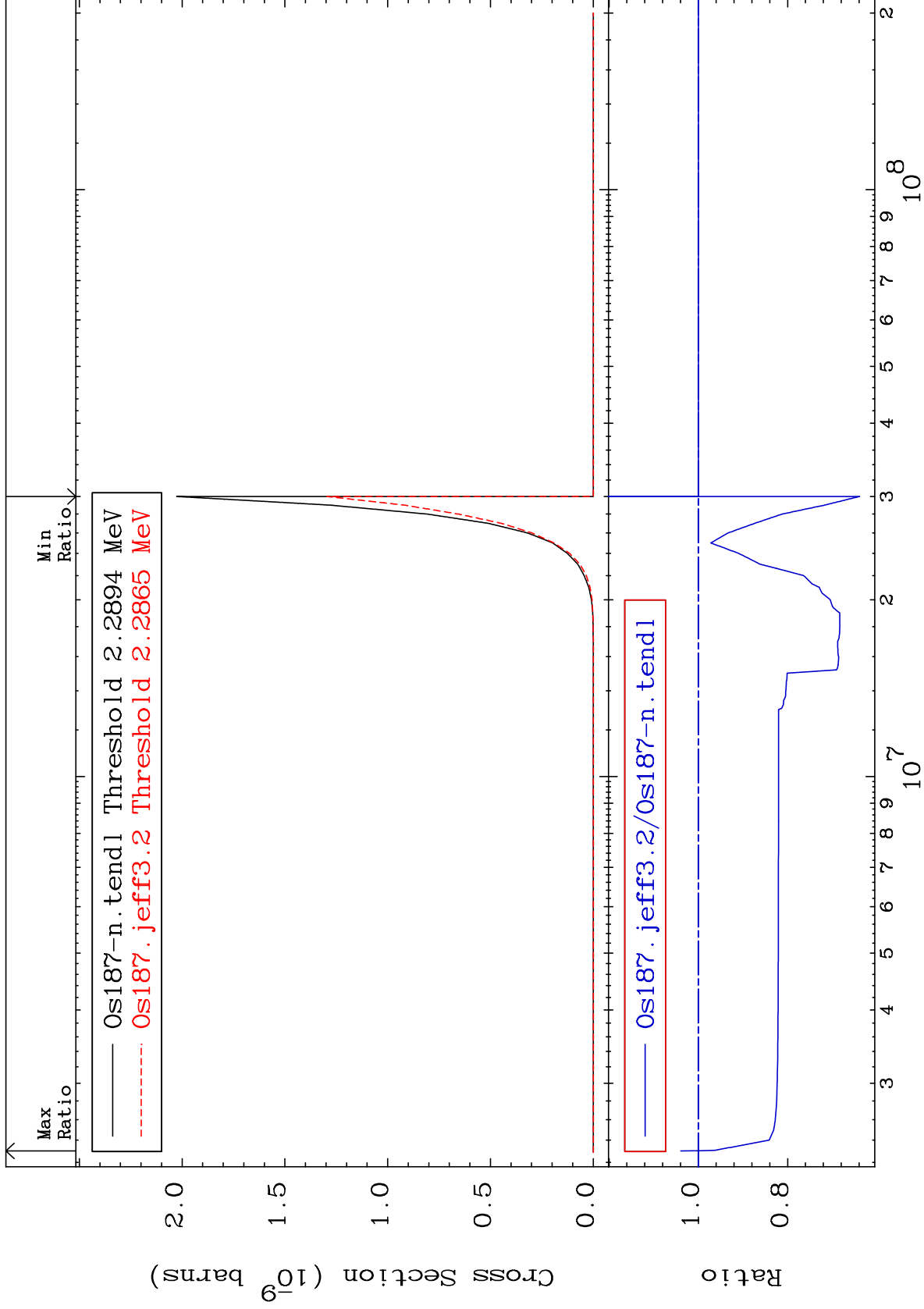
76-0s-187
-77.13 To 19.54 %



Incident Energy (eV)

76-0s-187

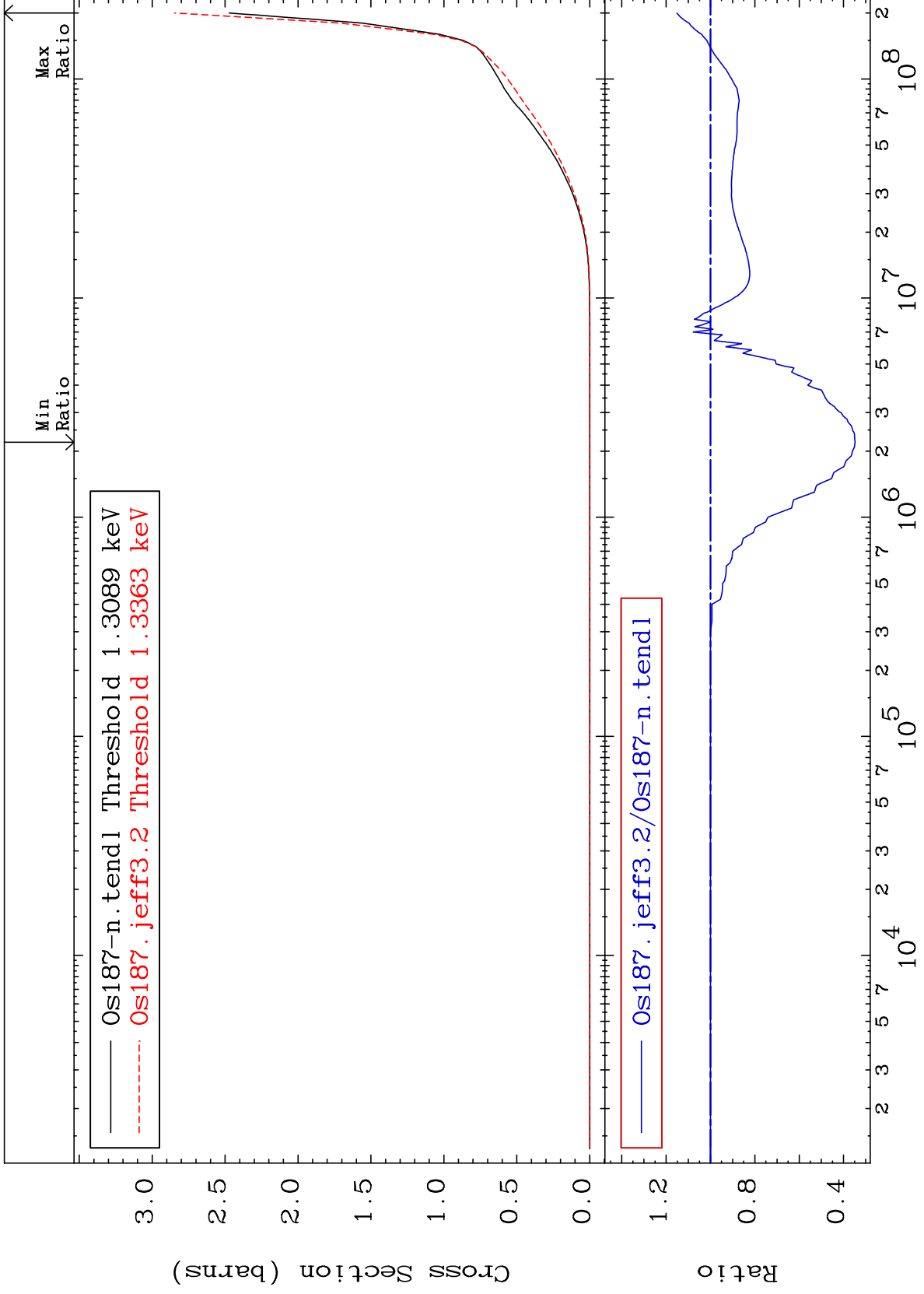
61



MAT 7634

Hydrogen Production
Cross Section

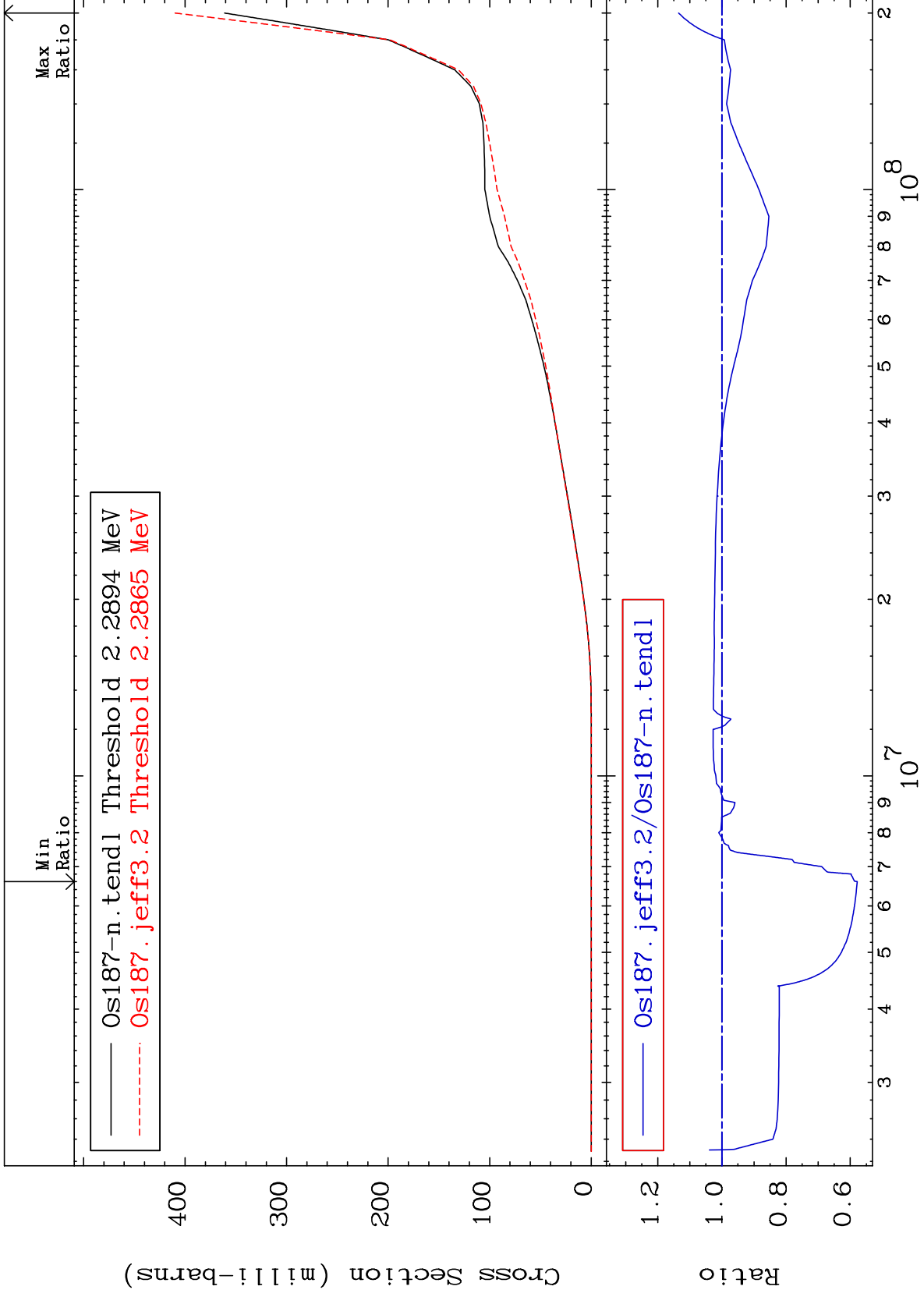
76-Os-187
-65.21 To 15.13 %

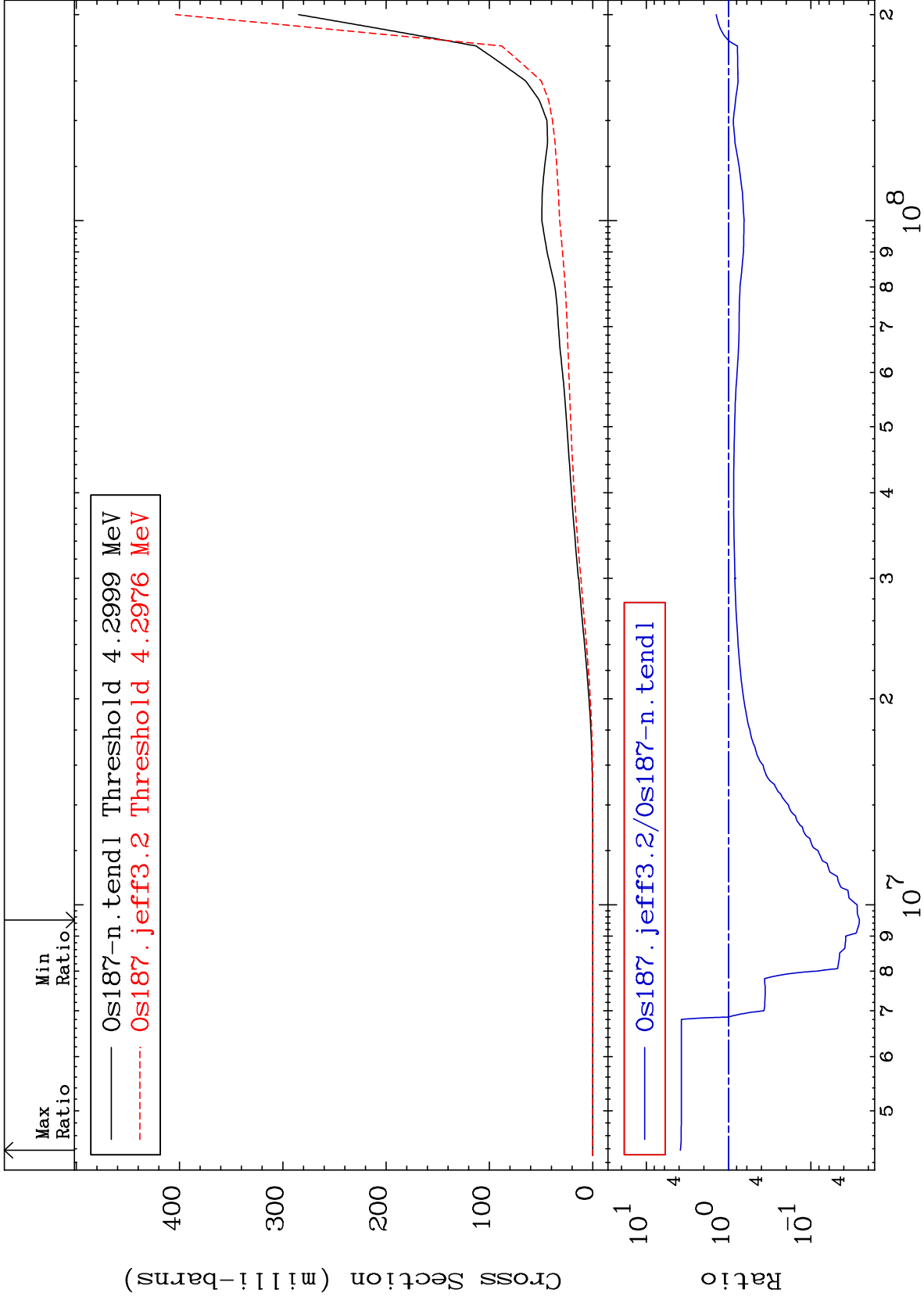


MAT 7634

Deuterium Production
Cross Section

76-Os-187
-42.18 To 13.49 %

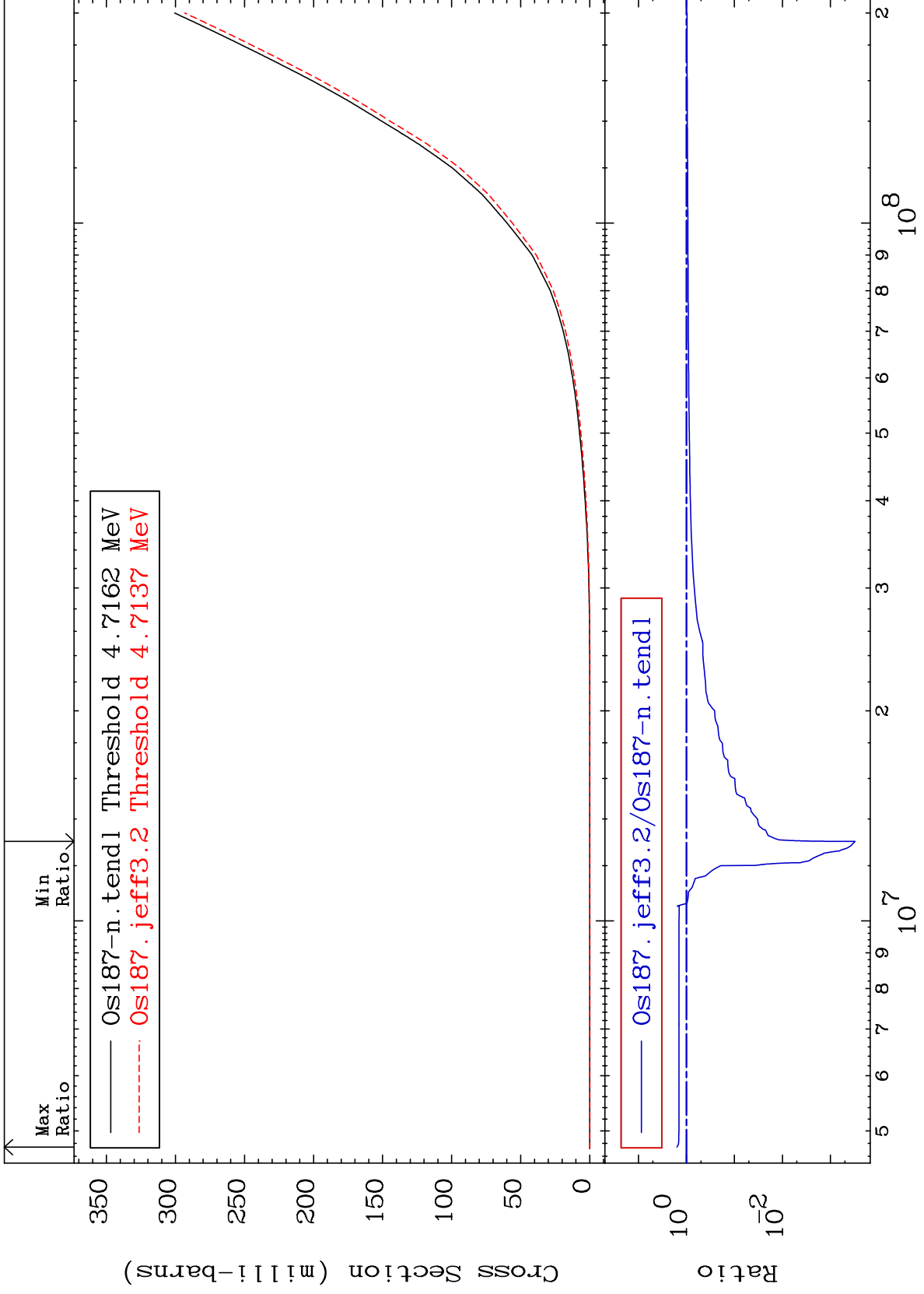




MAT 7634

He-3 Production
Cross Section

76-0s-187
-99.97 To 57.87 %



66

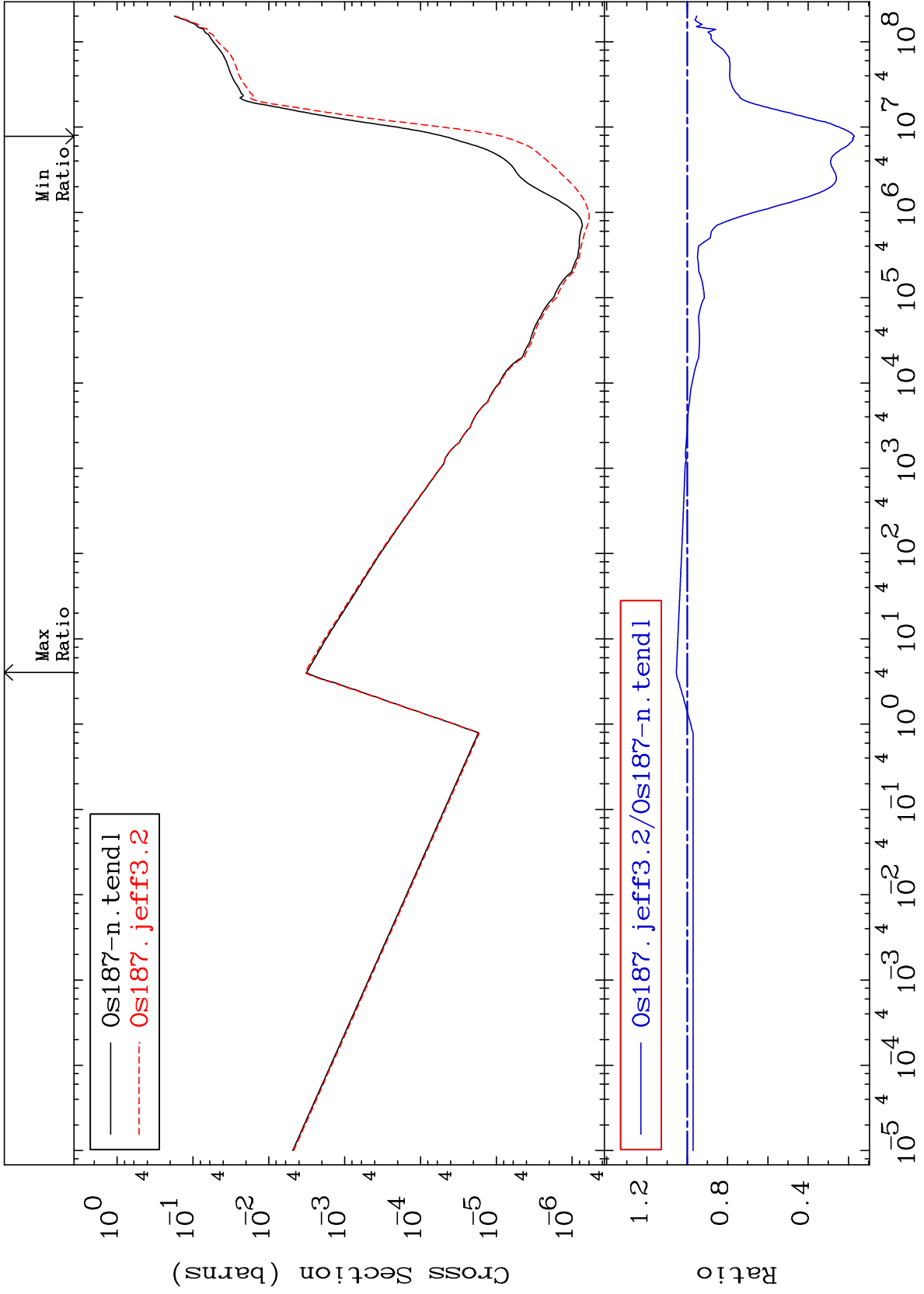
Incident Energy (eV)

76-0s-187

MAT 7634

He-4 Production
Cross Section

76-0s-187
-82.93 To 5.414 %



67

Incident Energy (eV)

76-0s-187

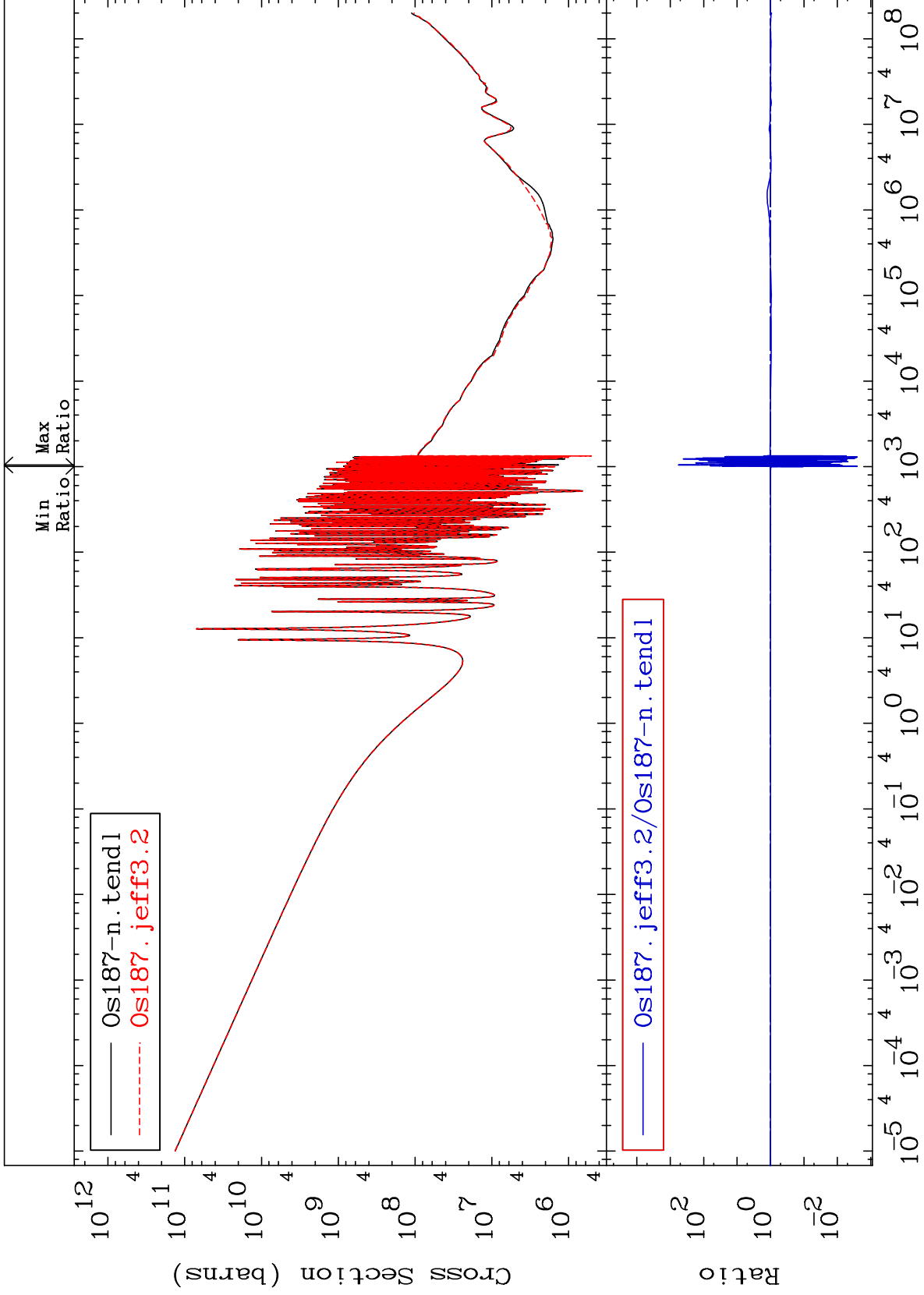
MAT 7634

Kerma total (eV-barns)

76-Os-187

Cross Section

-99.75 To 9999. %



68

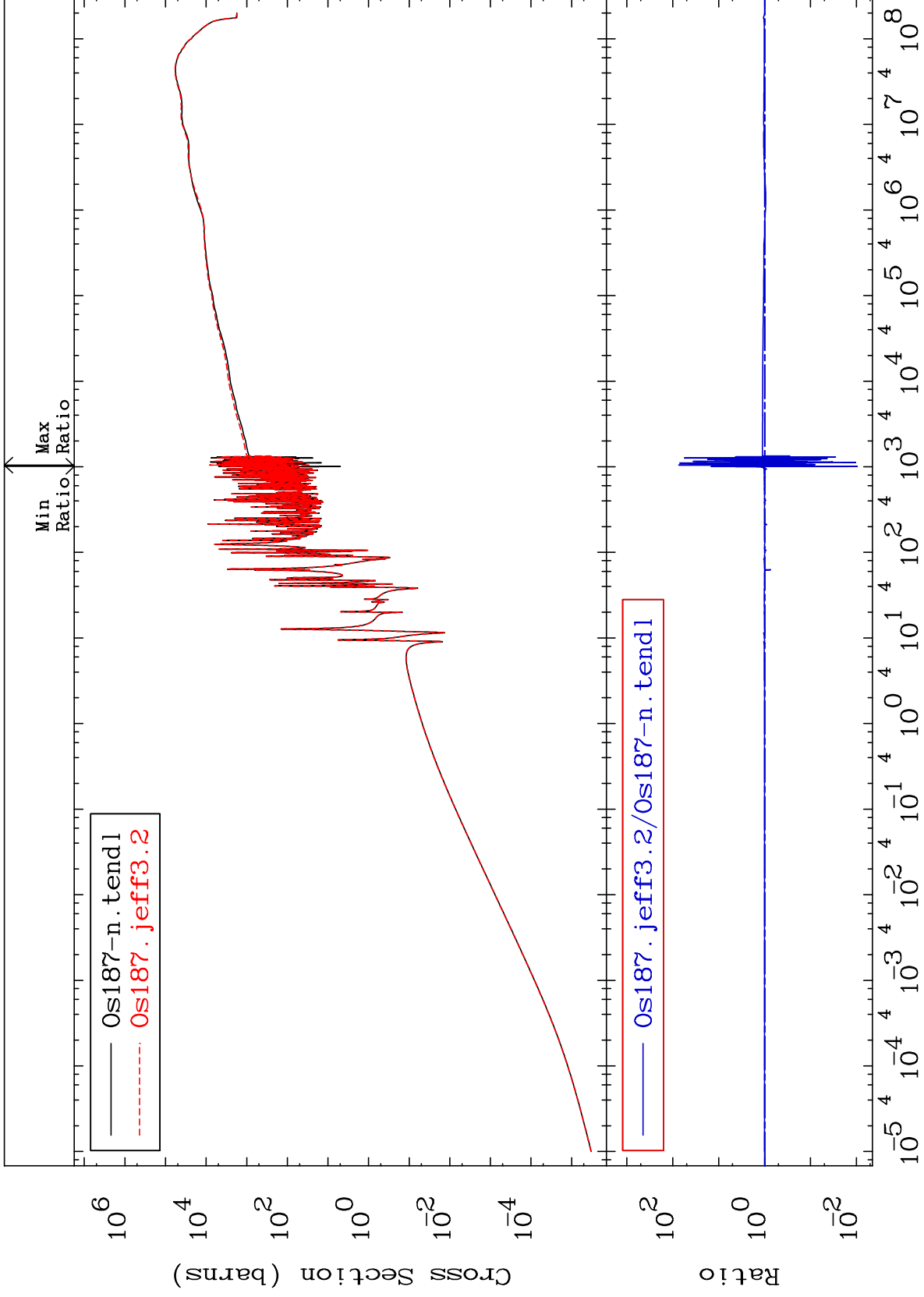
Incident Energy (eV)

76-Os-187

MAT 7634

Kerma elastic
Cross Section

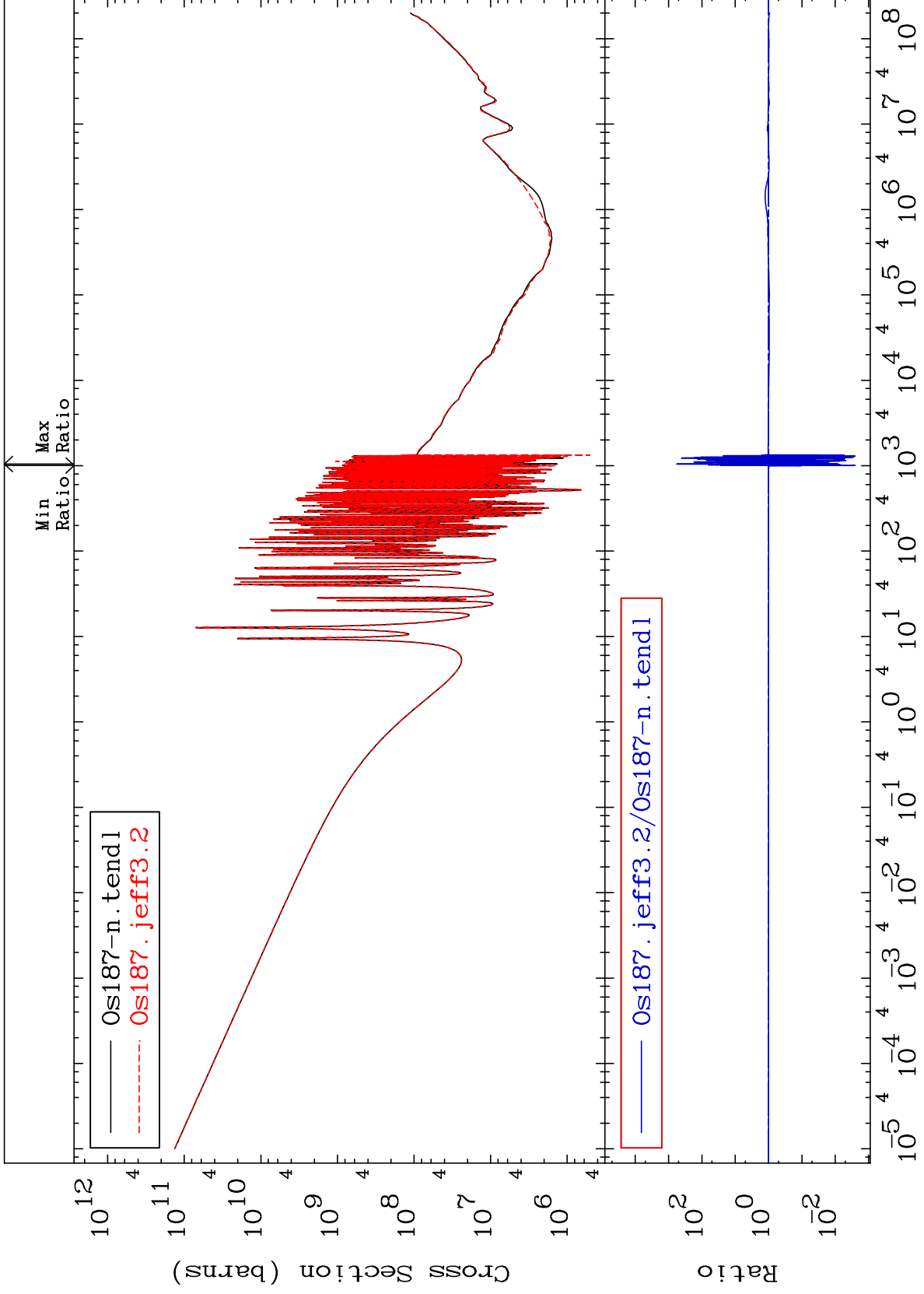
76-Os-187
-99.04 To 7356. %



MAT 7634

Kerma non-elastic (all but mt2)
Cross Section

76-0s-187
-99.75 To 9999. %



70

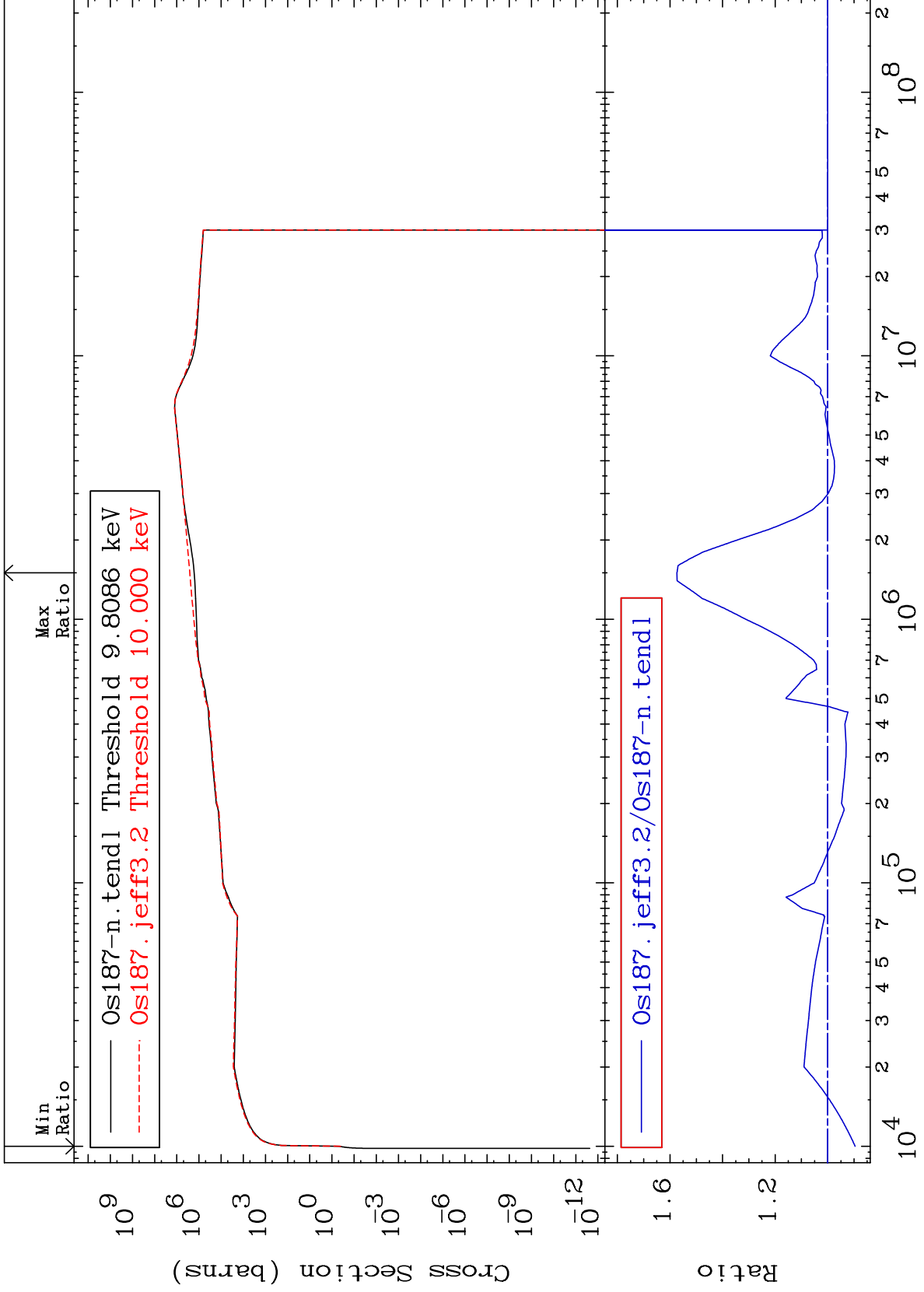
Incident Energy (eV)

76-0s-187

MAT 7634

Kerma inelastic (mt51-91)
Cross Section

76-0s-187
-10.40 To 57.36 %



71

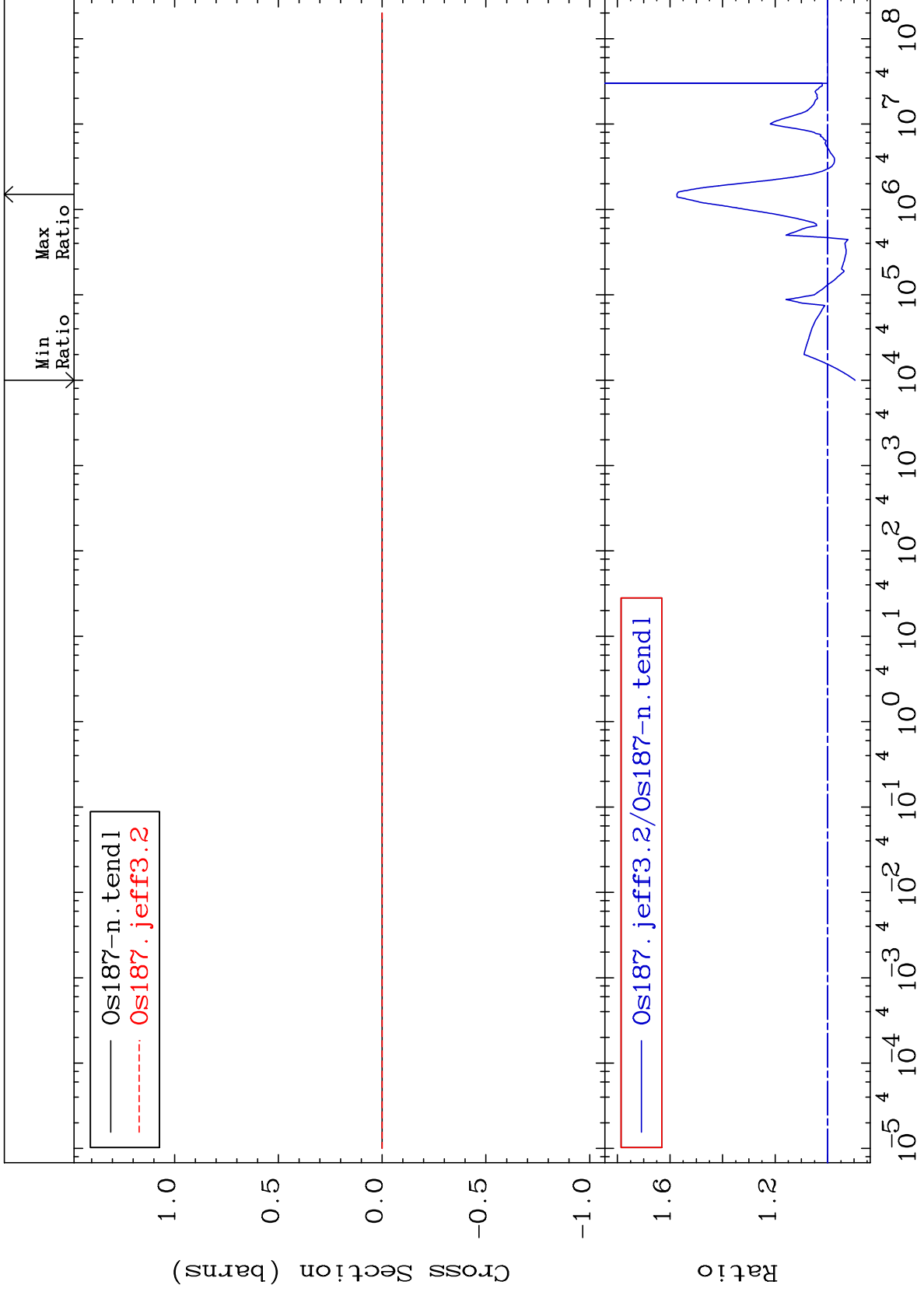
Incident Energy (eV)

76-0s-187

MAT 7634

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

76-0s-187
-10.40 To 57.36 %



72

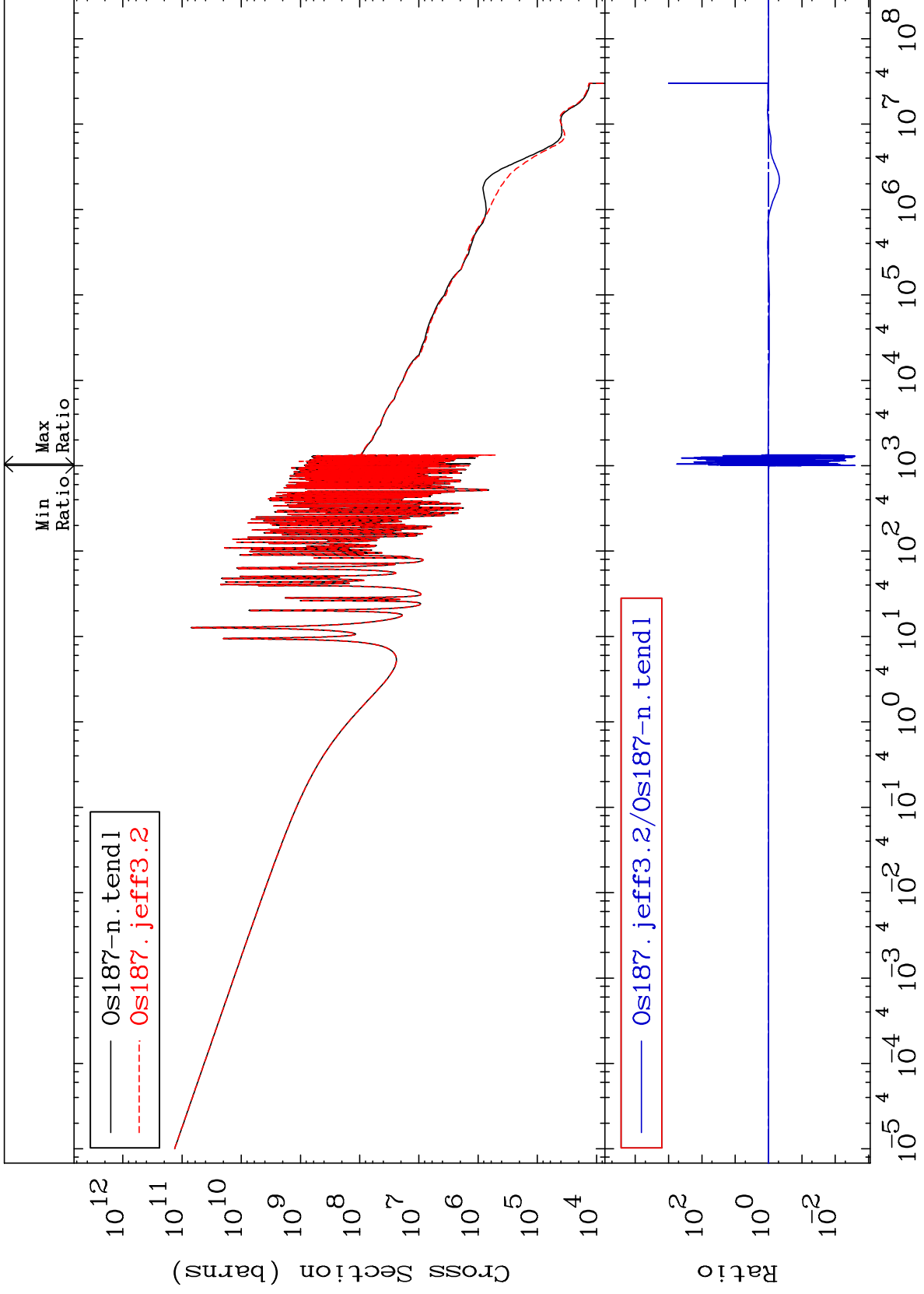
Incident Energy (eV)

76-0s-187

MAT 7634

Kerma capture (mt102)
Cross Section

76-Os-187
-99.75 To 9999. %



73

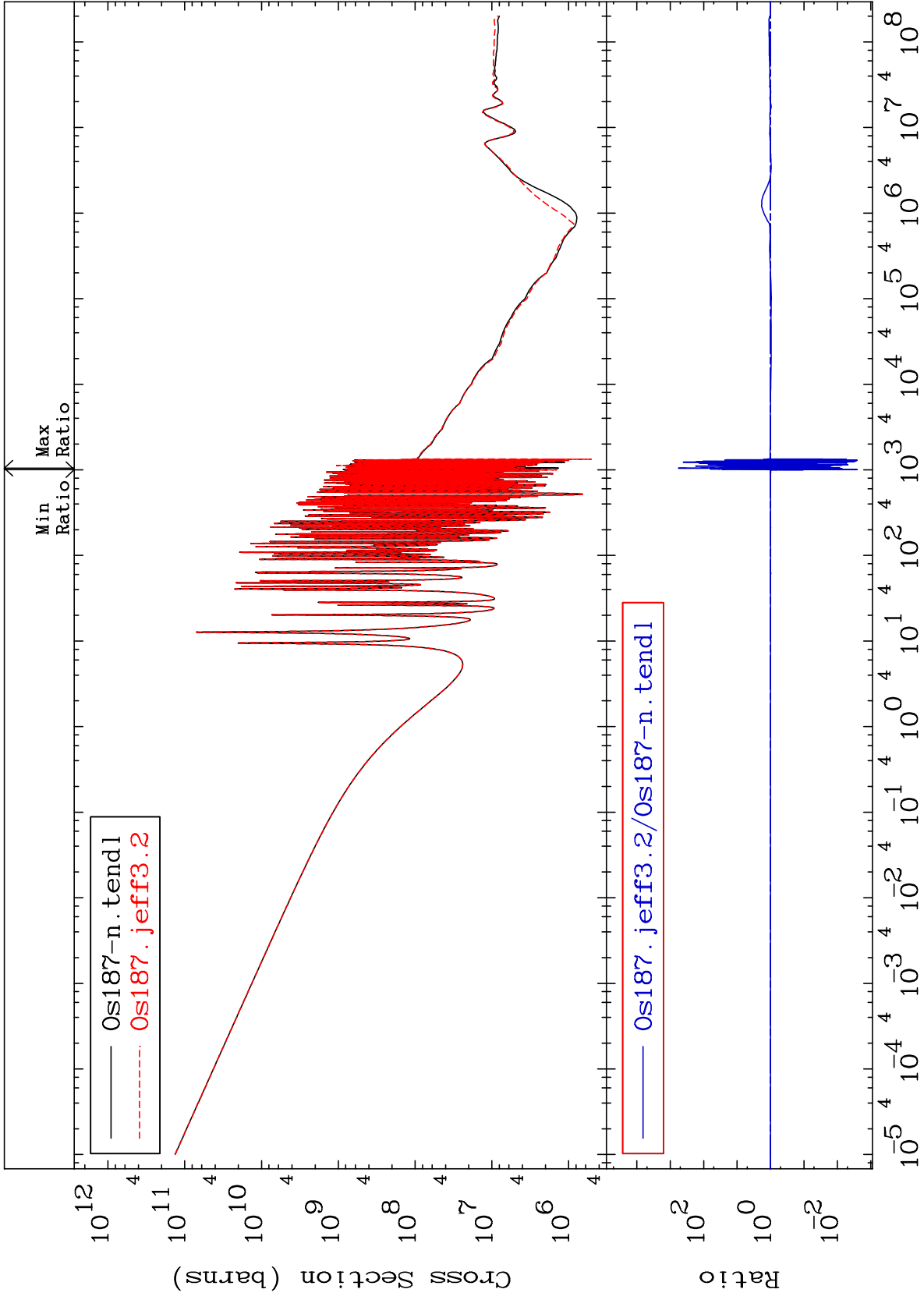
Incident Energy (eV)

76-Os-187

MAT 7634

Total photon (eV-barns)
Cross Section

76-0s-187
-99.75 To 9999. %



74

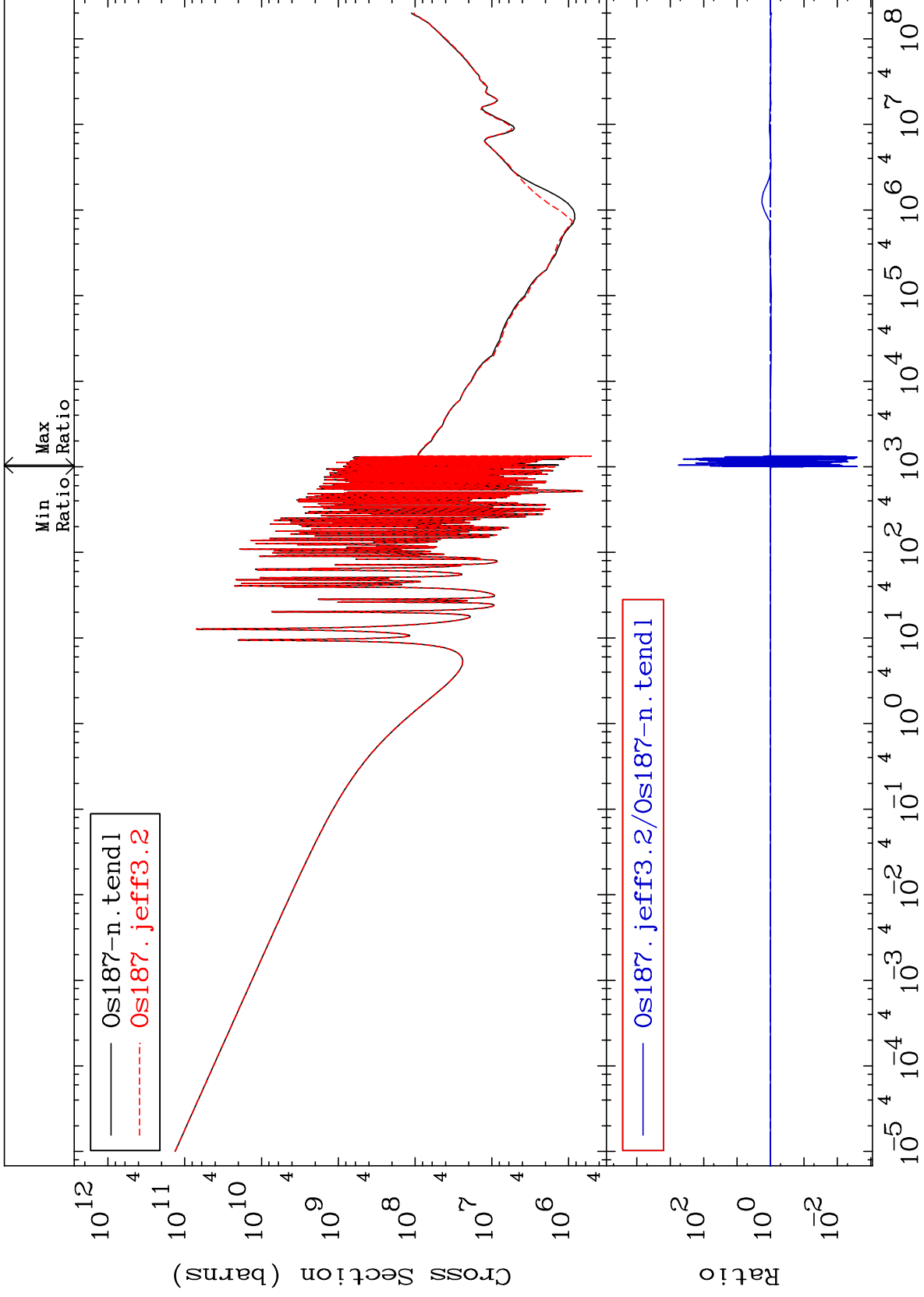
Incident Energy (eV)

76-0s-187

MAT 7634

Total kinematic kerma (high limit)
Cross Section

76-Os-187
-99.75 To 9999. %



75

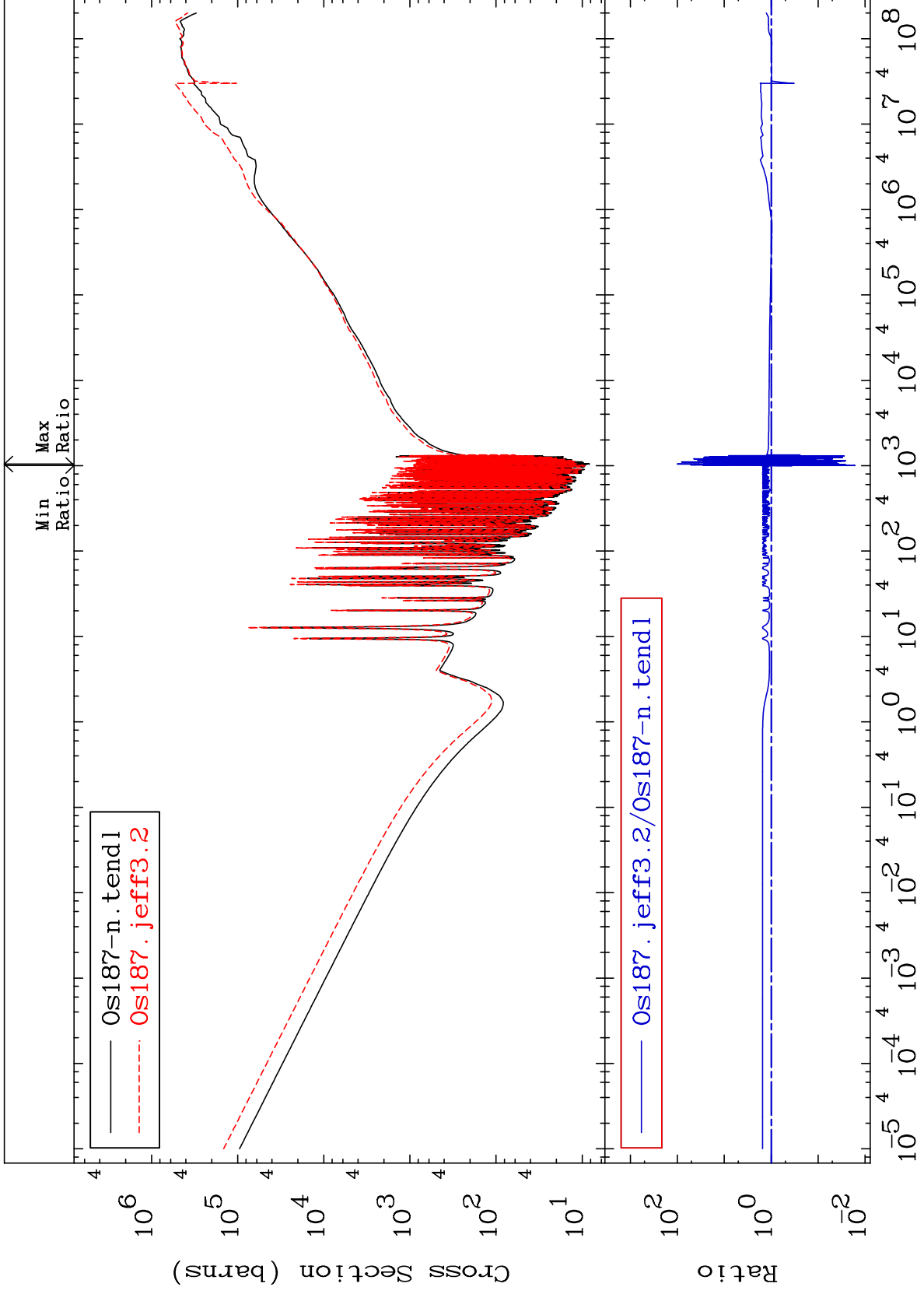
Incident Energy (eV)

76-Os-187

MAT 7634

Dpa total (eV-barns)
Cross Section

76-0s-187
-98.37 To 9999. %



76

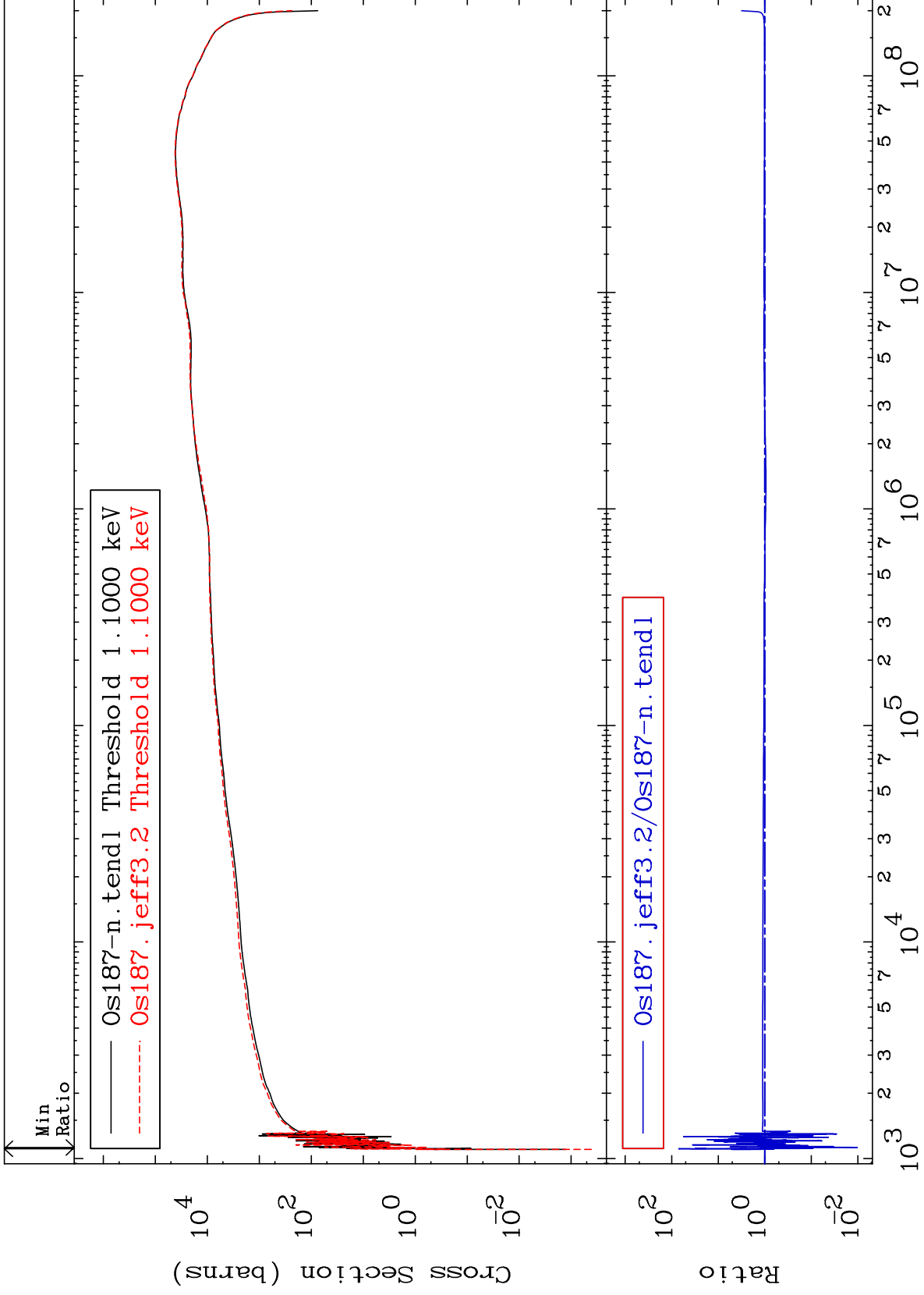
Incident Energy (eV)

76-0s-187

MAT 7634

Dpa elastic (mt2)
Cross Section

76-Os-187
-98.97 To 7006. %



77

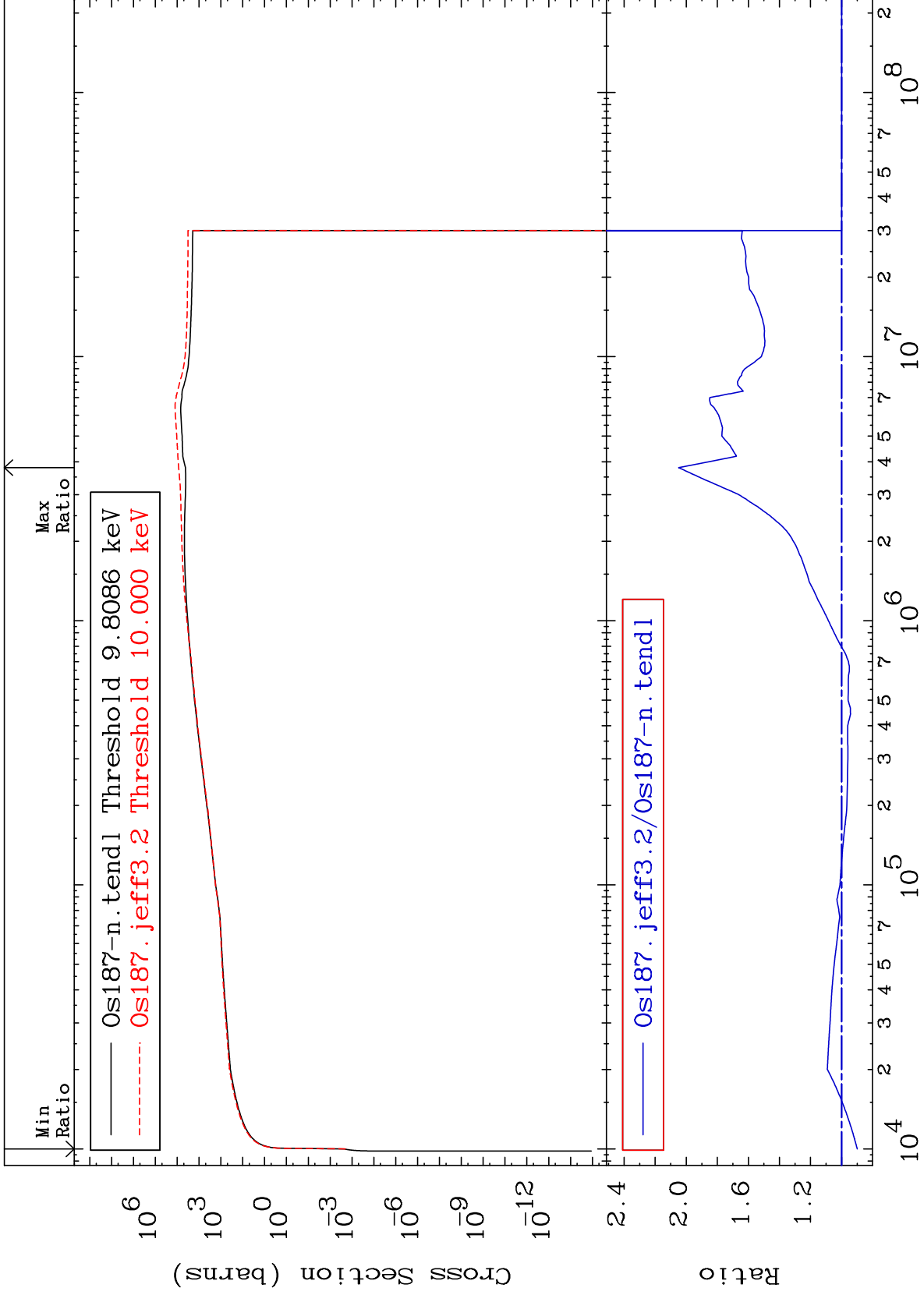
Incident Energy (eV)

76-Os-187

MAT 7634

Dpa inelastic (mt51-91)
Cross Section

76-0s-187
-10.07 To 104.9 %



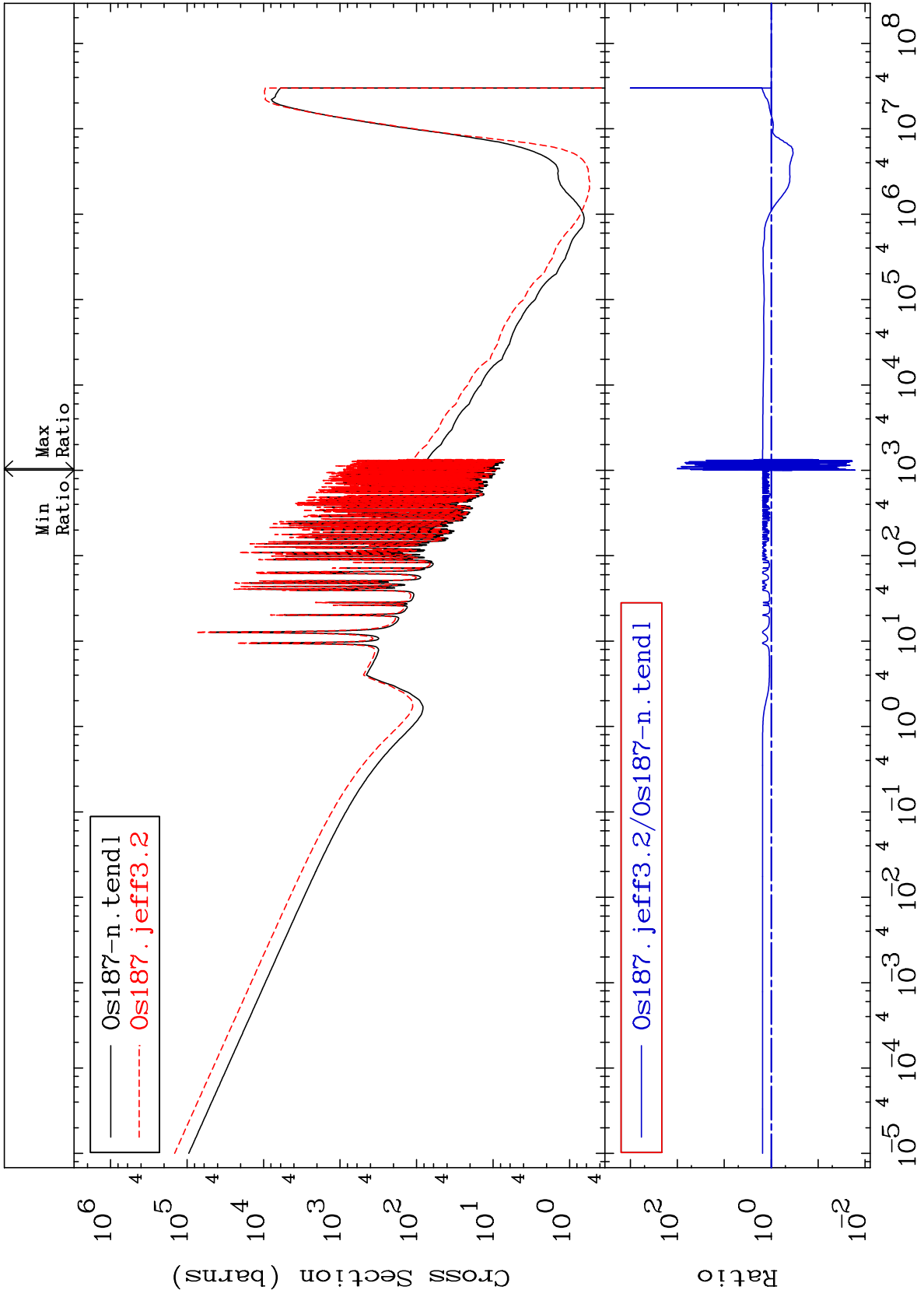
78

76-0s-187

MAT 7634

Dpa disappearance (mt102 -120)
Cross Section

76-Os-187
-98.37 To 9999. %



79

Incident Energy (eV)

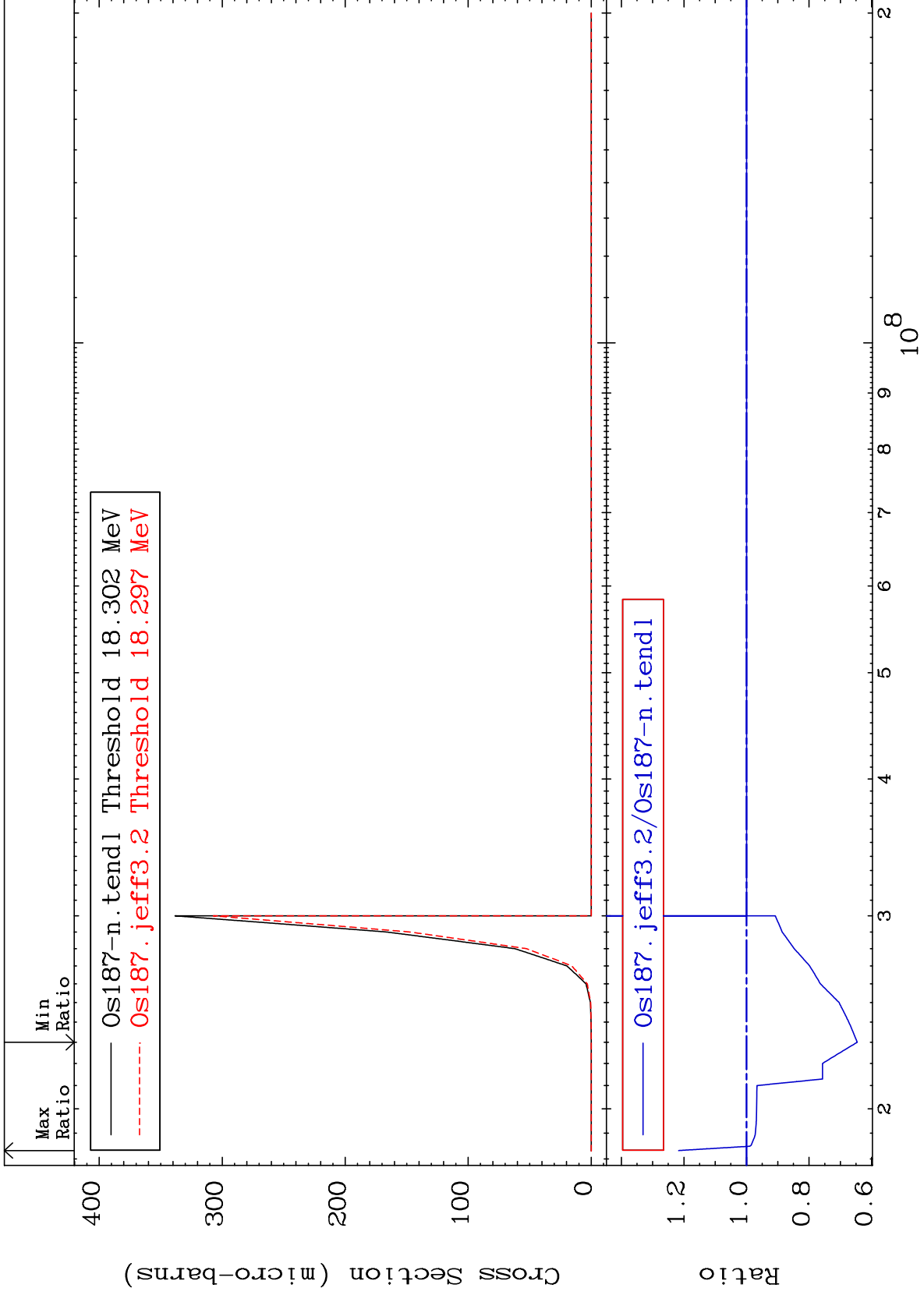
76-Os-187

MAT 7634

(n,2n) d: 75-Re-184g

76-0s-187

Radionuclide Production Cross Section -35.39 To 21.68 %



80

Incident Energy (eV)

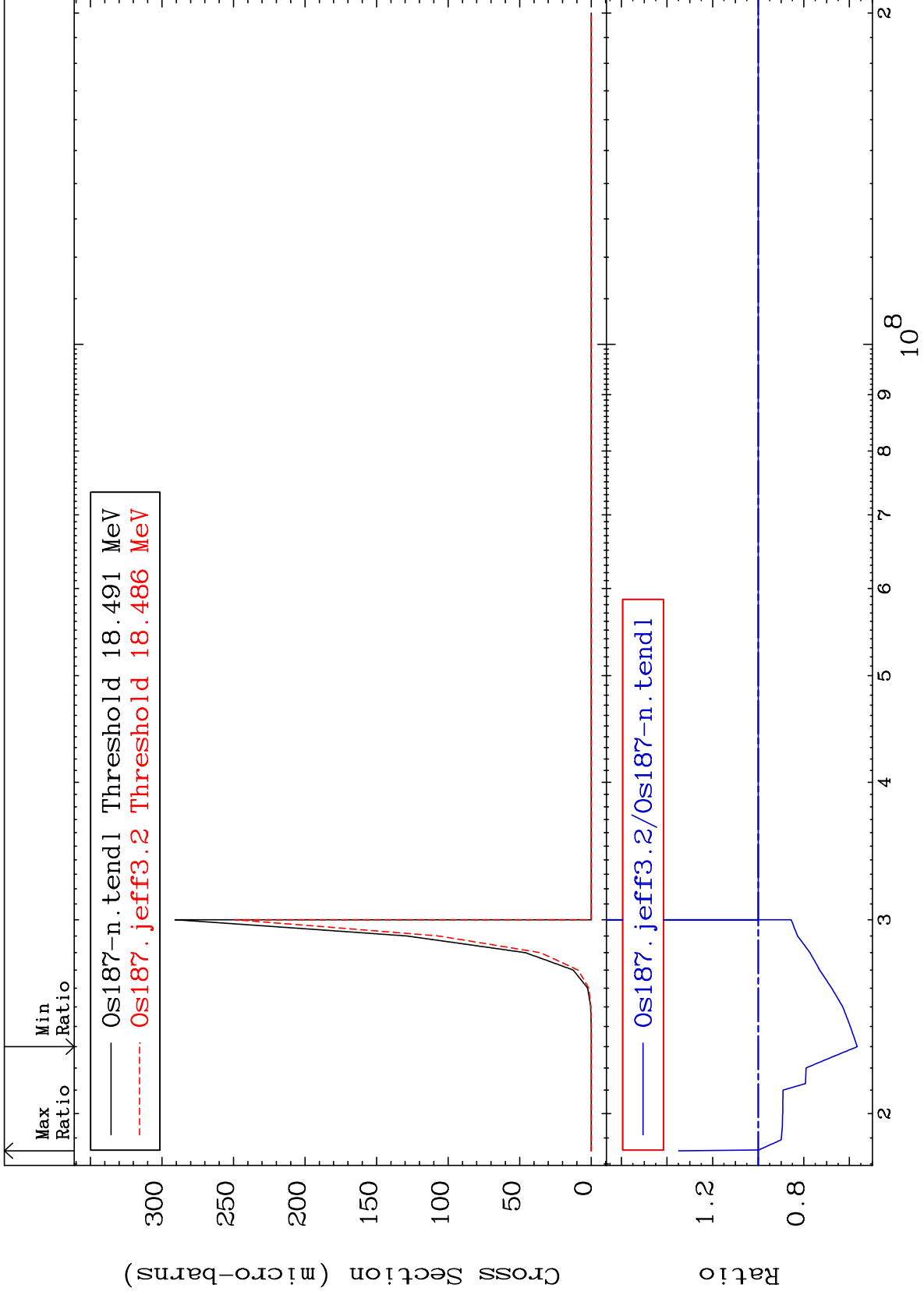
76-0s-187

MAT 7634

(n,2n) d:75-Re-184m5

76-0s-187

Radionuclide Production Cross Section -43.42 To 34.91 %

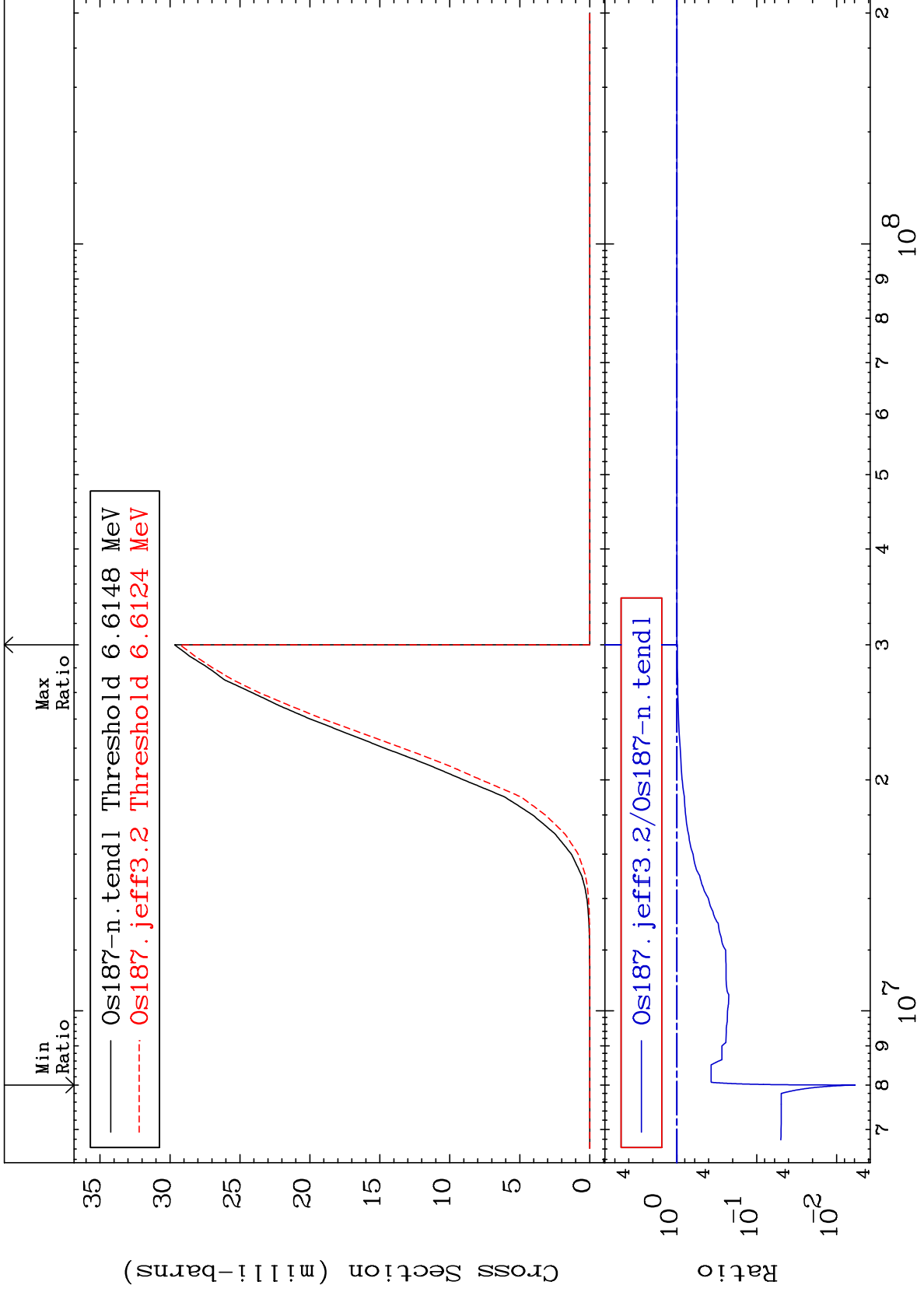


MAT 7634

(n, n') p: 75-Re-186g

76-0s-187

Radionuclide Production Cross Section -99.41 To 0.000 %



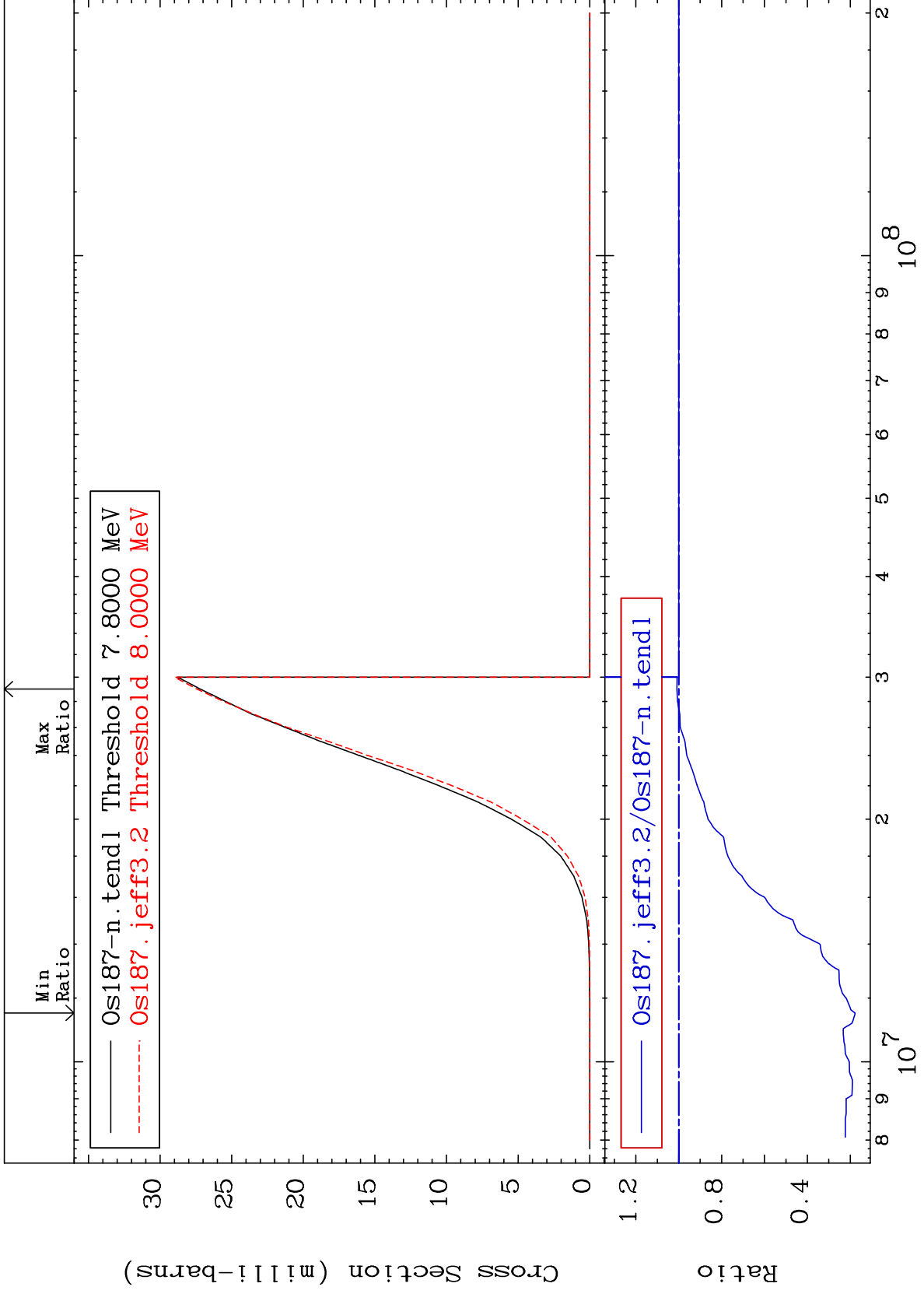
MAT 7634

(n,n') p:75-Re-186m4

76-0s-187

Radionuclide Production Cross Section

-82.27 To 0.843 %



83

Incident Energy (eV)

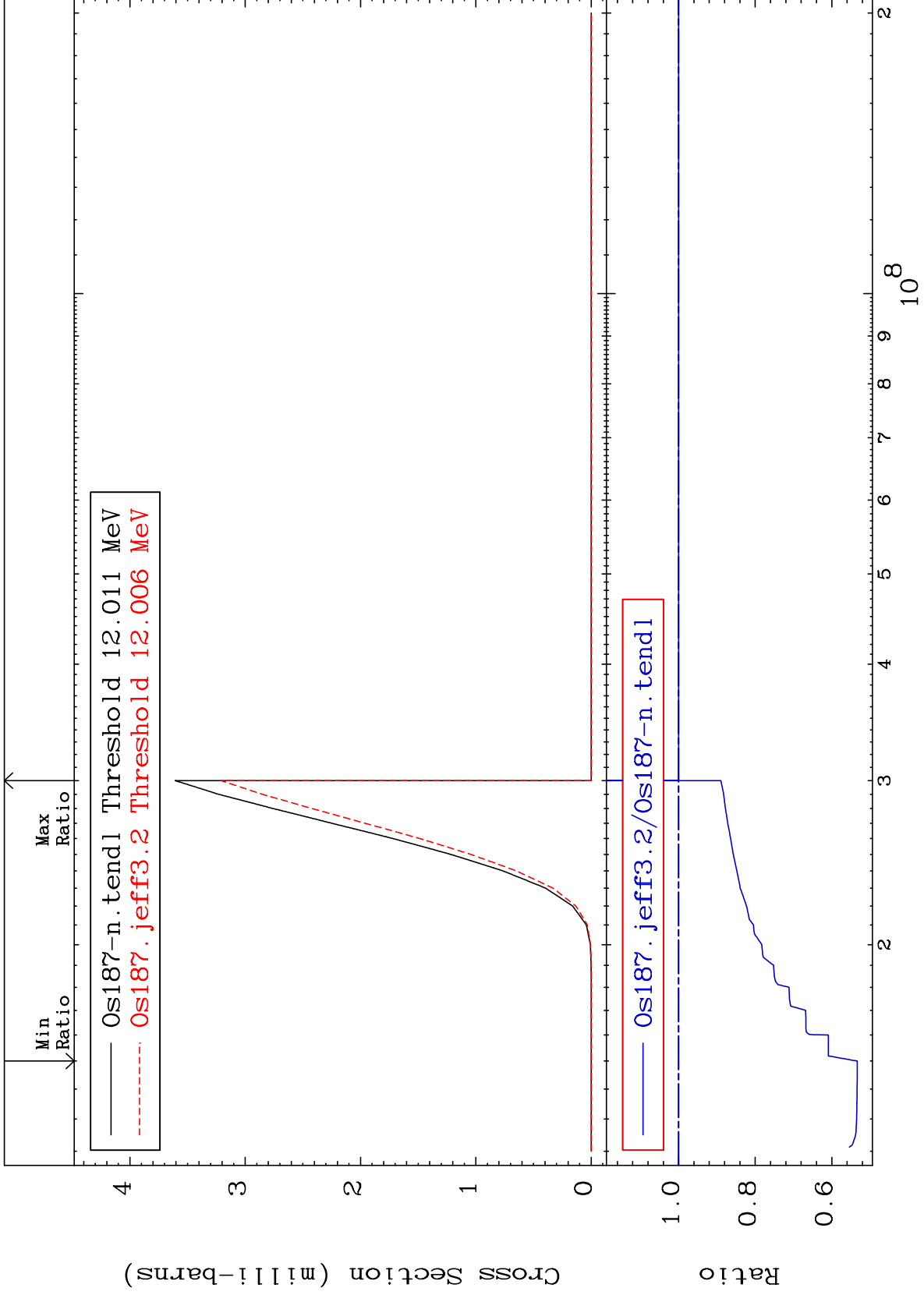
76-0s-187

MAT 7634

(n, n') t: 75-Re-184g

76-0s-187

Radionuclide Production Cross Section -46.65 To 0.000 %



Os187.jeff3.2/Os187-n.tendl

Ratio

84

Incident Energy (eV)

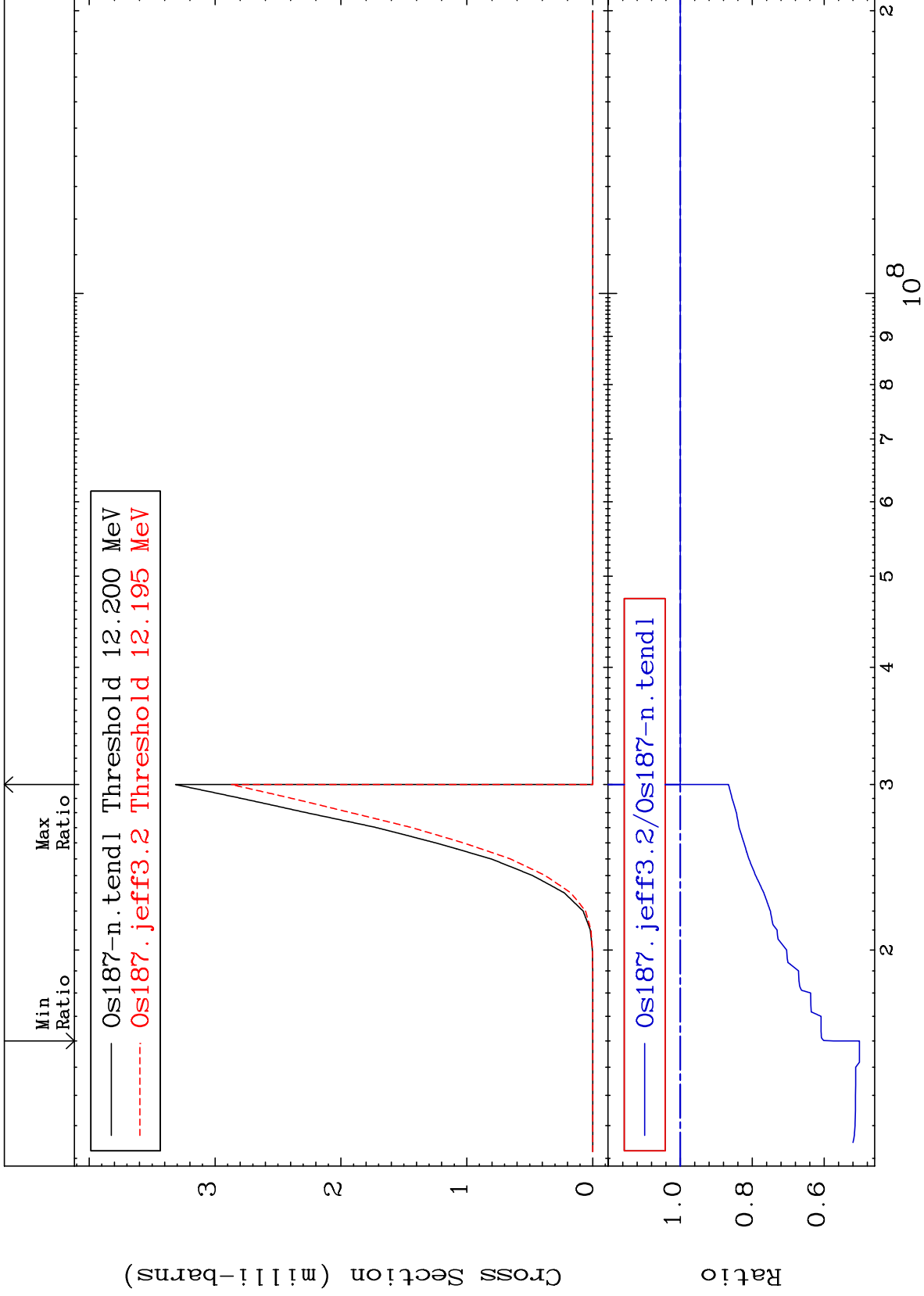
76-0s-187

MAT 7634

(n, n') t: 75-Re-184m5

76-0s-187

Radionuclide Production Cross Section -49.79 To 0.000 %



85

Incident Energy (eV)

76-0s-187

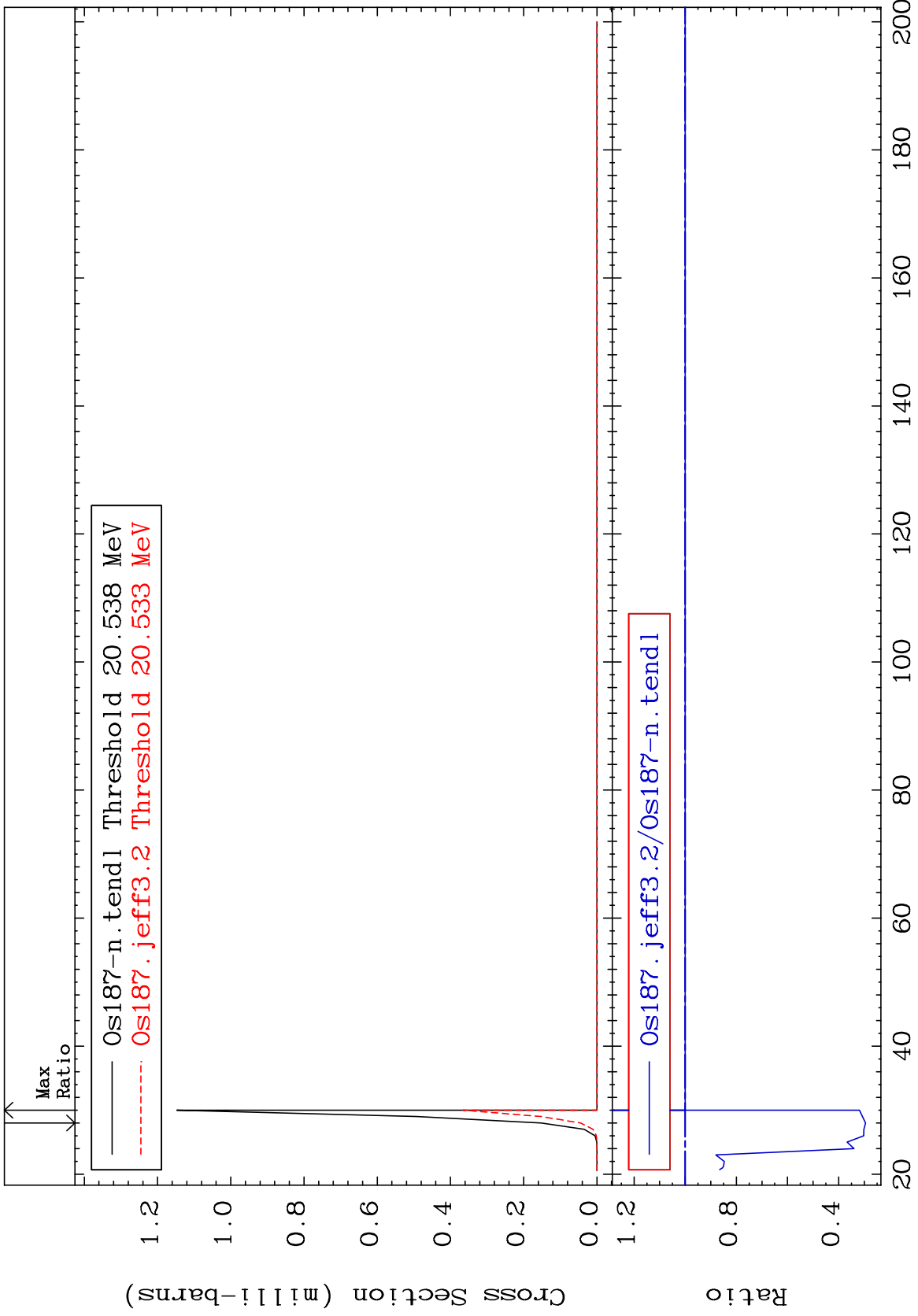
MAT 7634

(n,3n) p:75-Re-184g

76-0s-187

Radionuclide Production Cross Section

-70.51 To 0.000 %



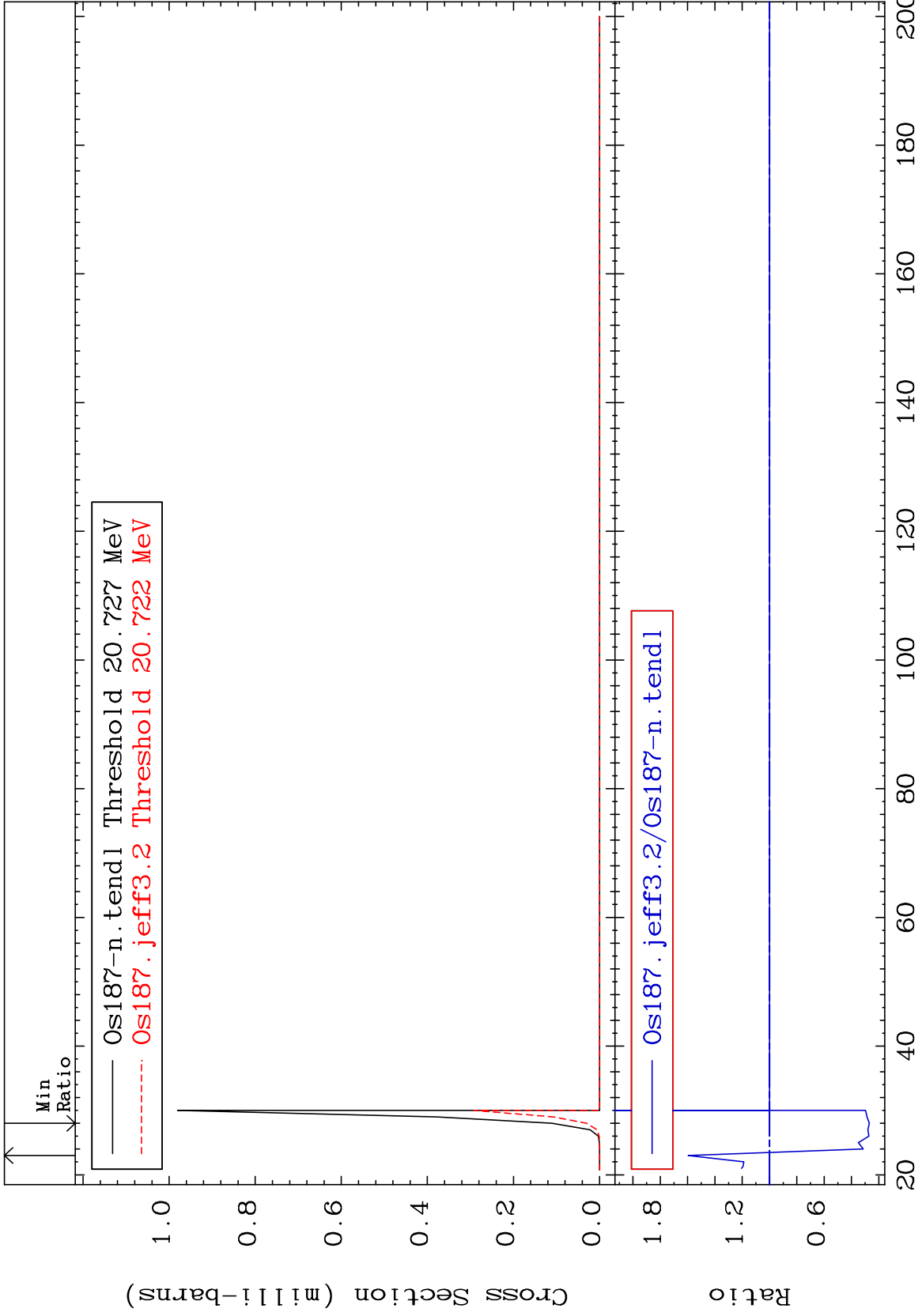
MAT 7634

(n,3n) p:75-Re-184m5

76-0s-187

Radionuclide Production Cross Section

-73.05 To 59.57 %

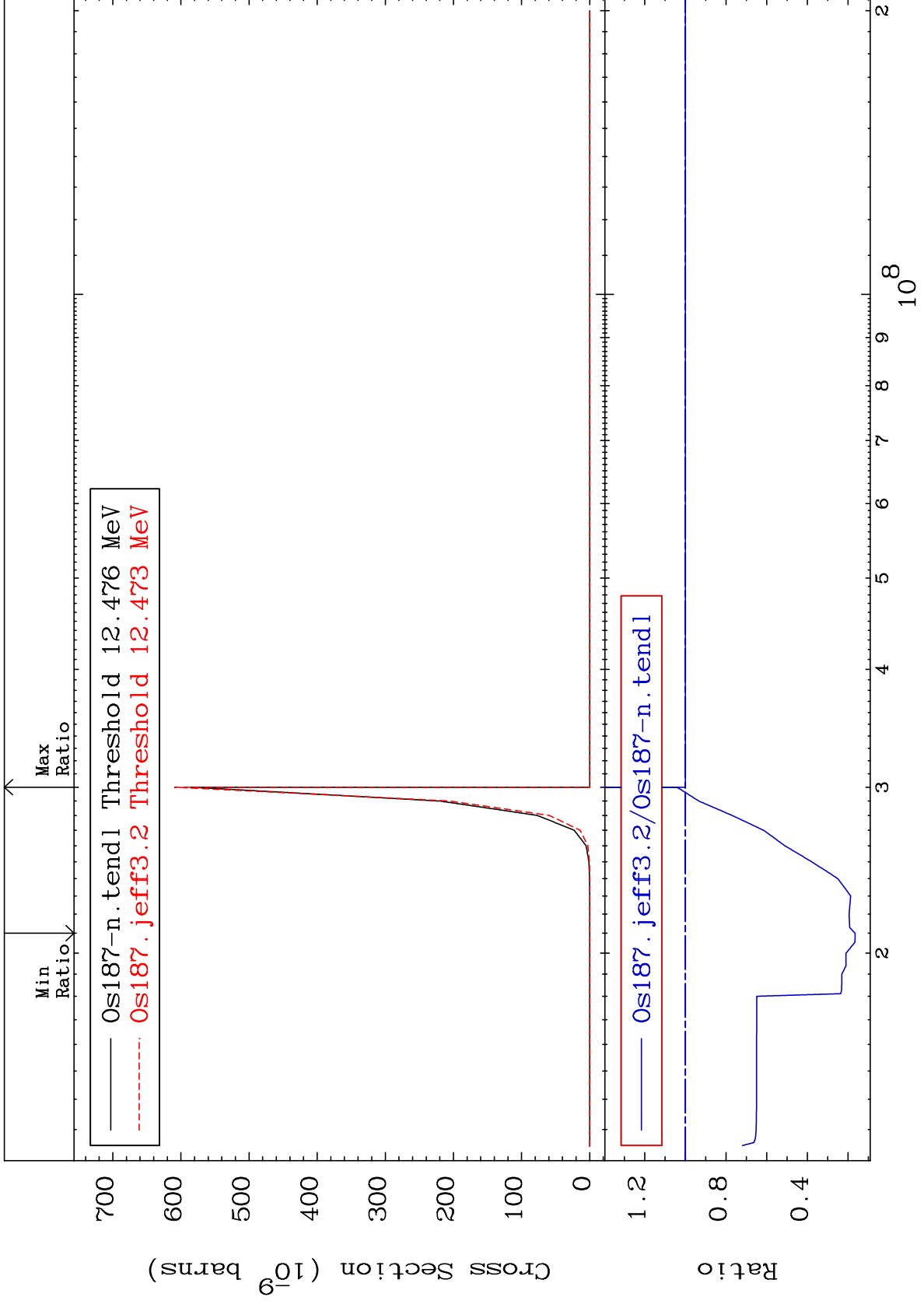


MAT 7634

(n,2n) p:74-W -185g

76-0s-187

Radionuclide Production Cross Section -83.48 To 4.124 %

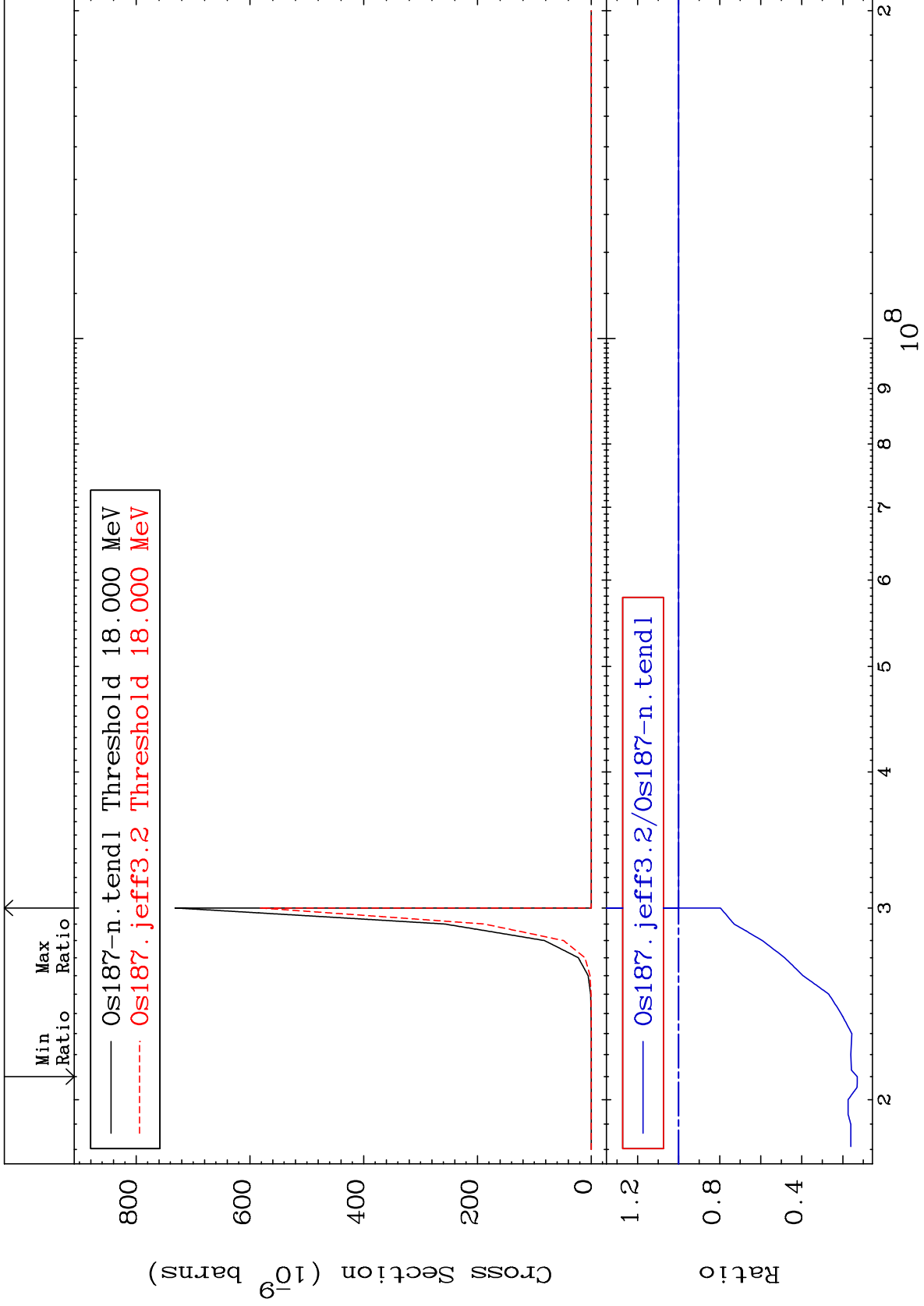


MAT 7634

(n,2n) p:74-W -185m6

76-0s-187

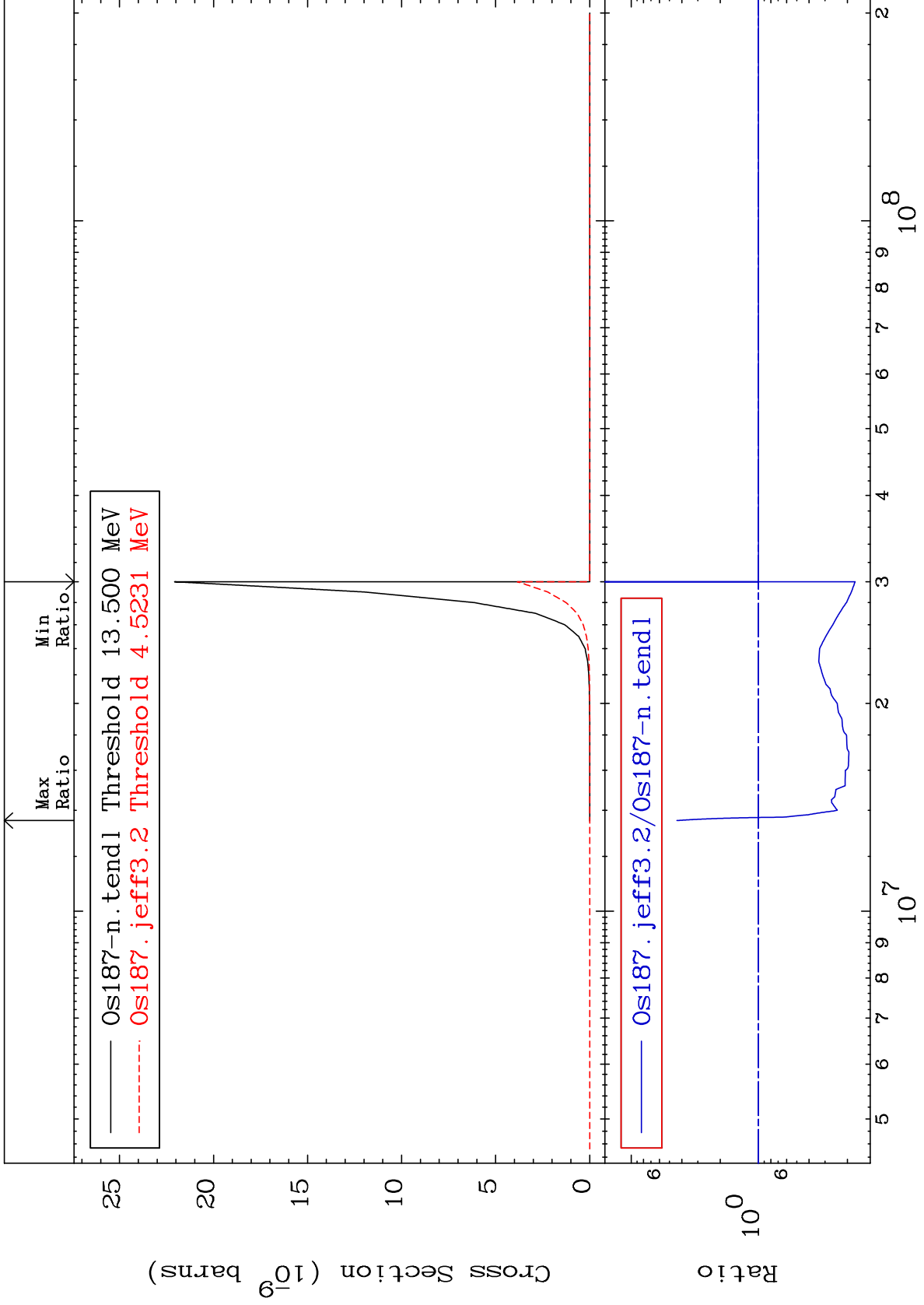
Radionuclide Production Cross Section -87.02 To 0.000 %



MAT 7634

76-0s-187

(n, n') p α : 73-Ta-182g
Radionuclide Production Cross Section -82.59 To 337.2 %



90

Incident Energy (eV)

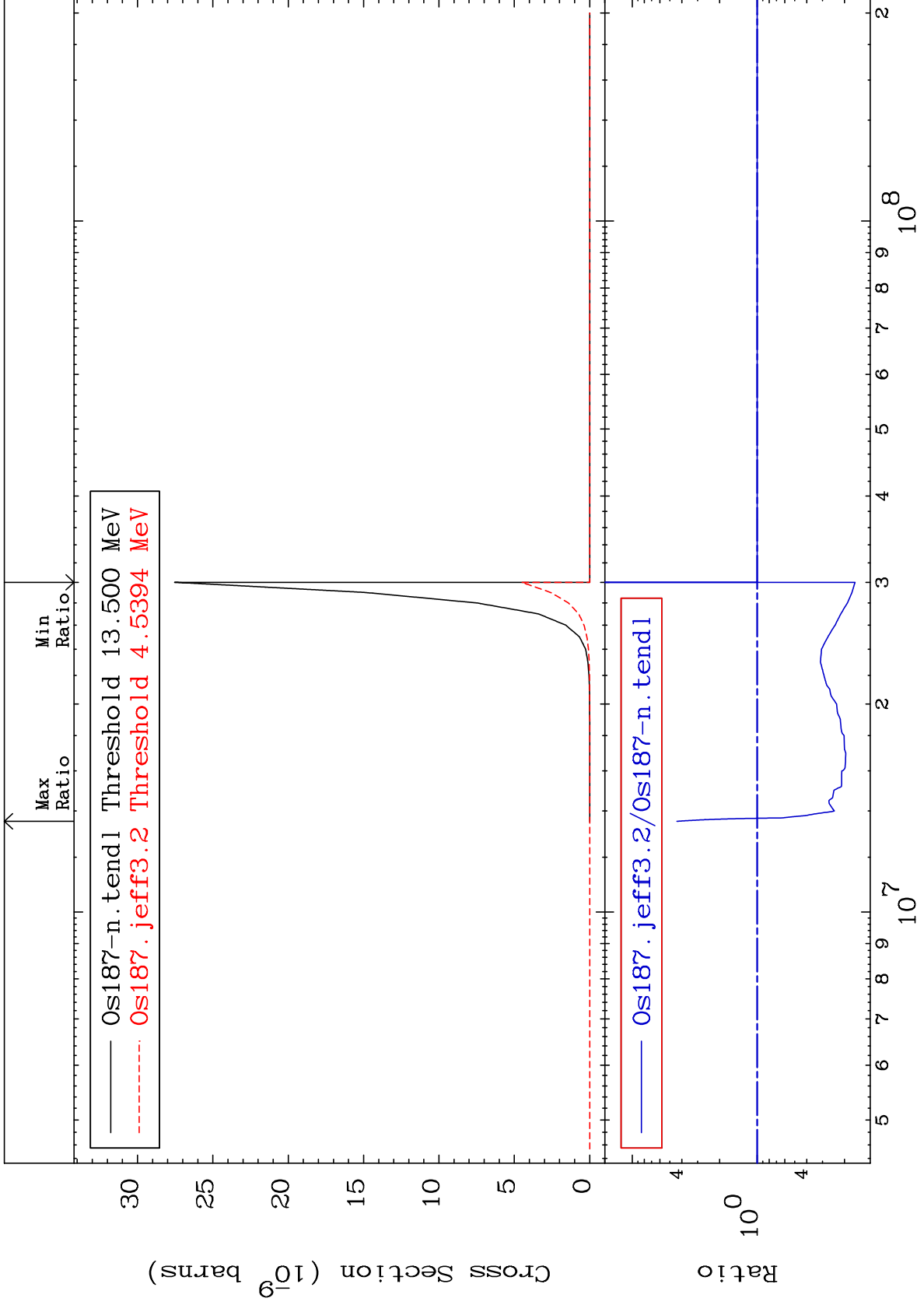
76-0s-187

MAT 7634

(n, n') p α:73-Ta-182m1

76-0s-187

Radionuclide Production Cross Section -83.57 To 338.7 %



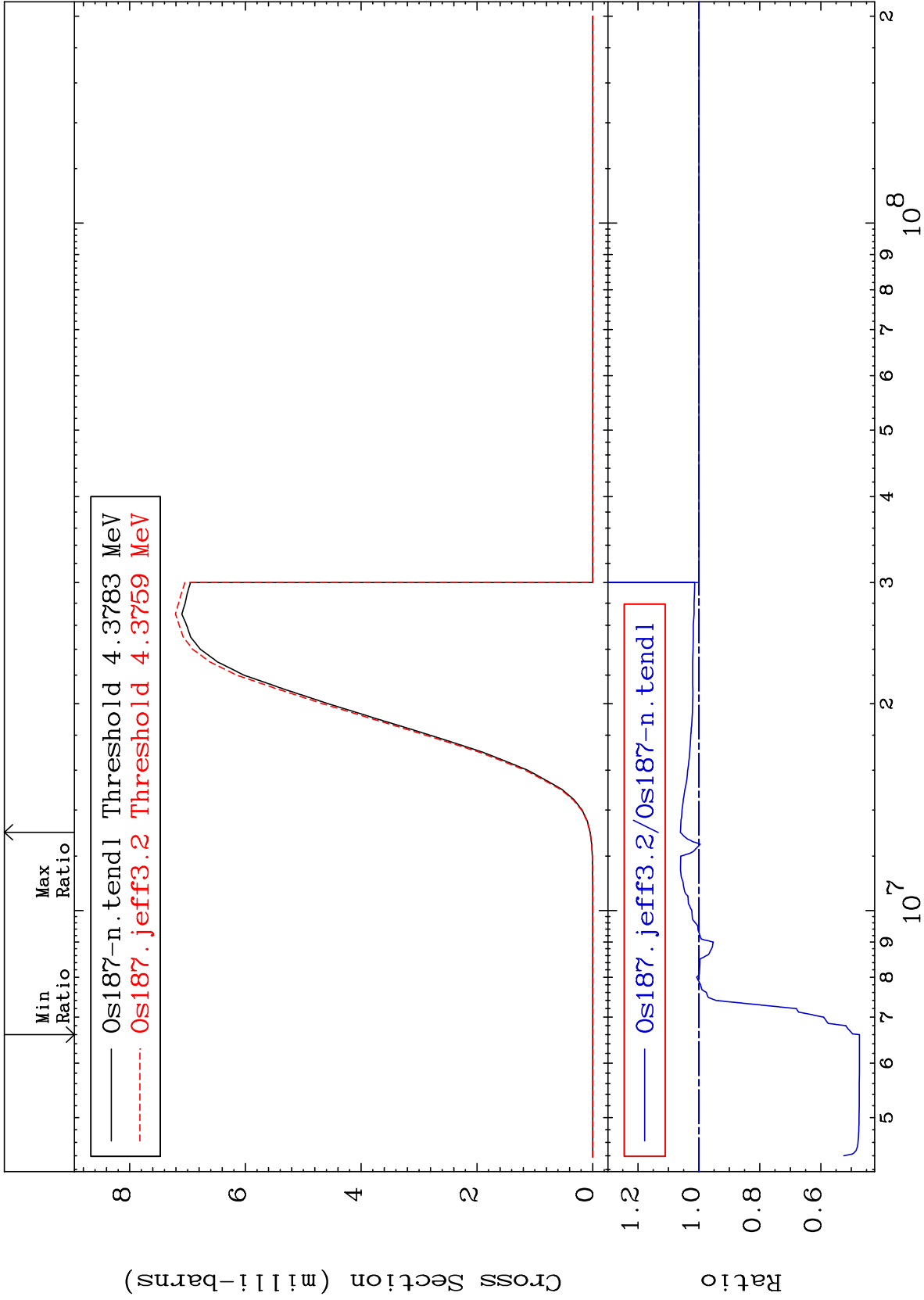
91

Incident Energy (eV)

76-0s-187

Radionuclide Production Cross Section

-52.68 To 6.086 %

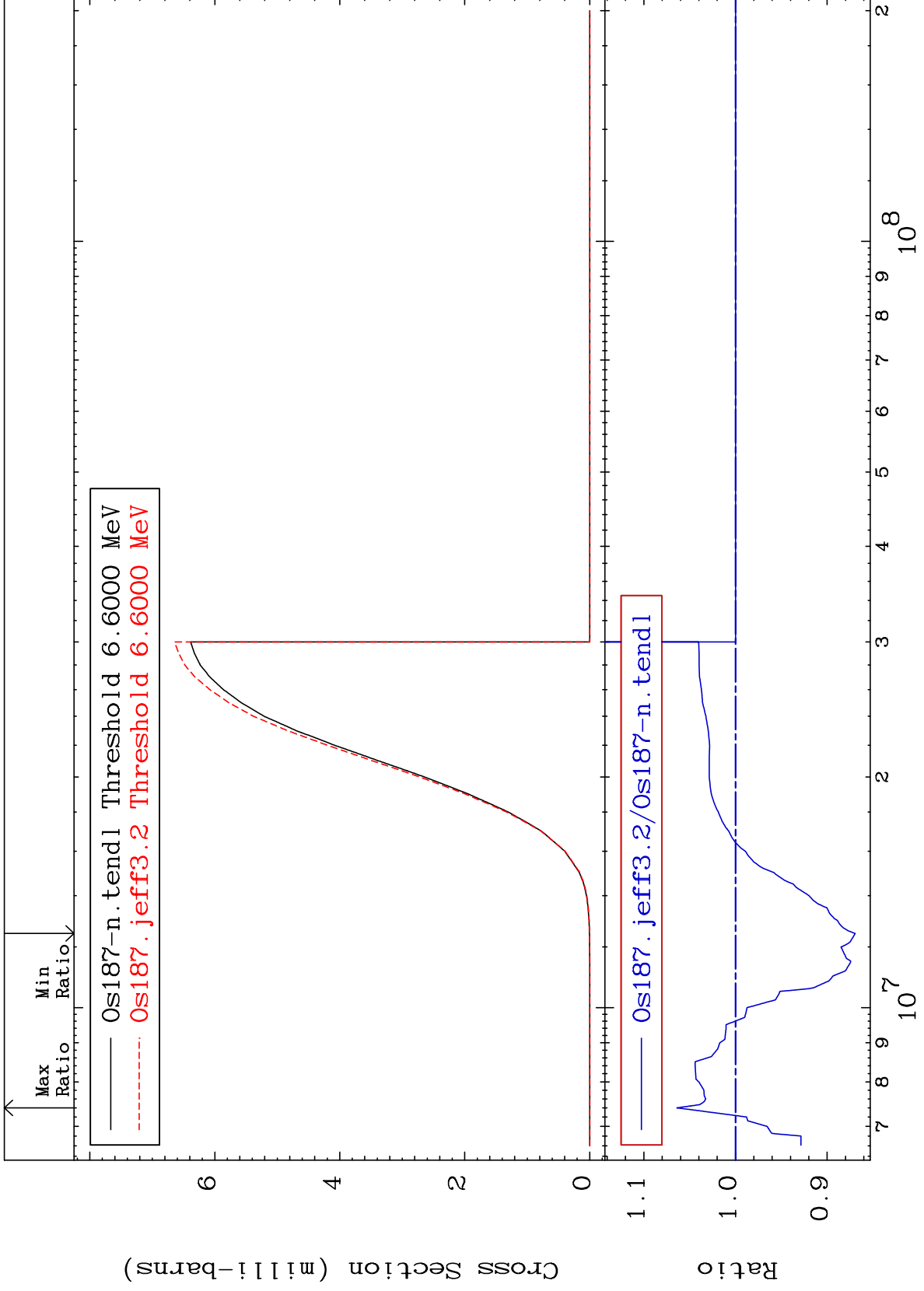


MAT 7634

(n, d) : 75-Re-186m4

76-0s-187

Radionuclide Production Cross Section -13.05 To 6.393 %

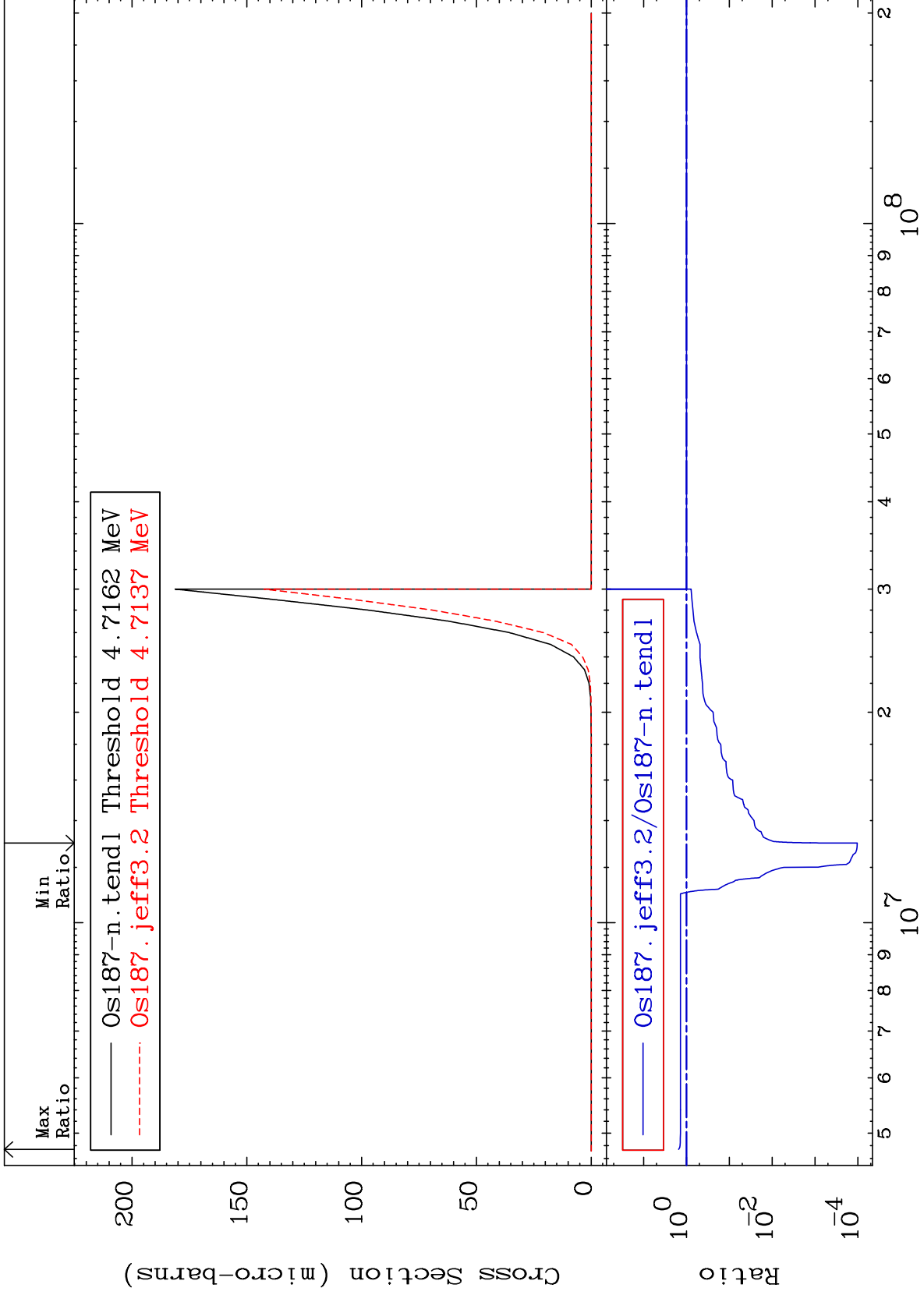


93

Incident Energy (eV)

76-0s-187

Radionuclide Production Cross Section -99.99 To 53.18 %

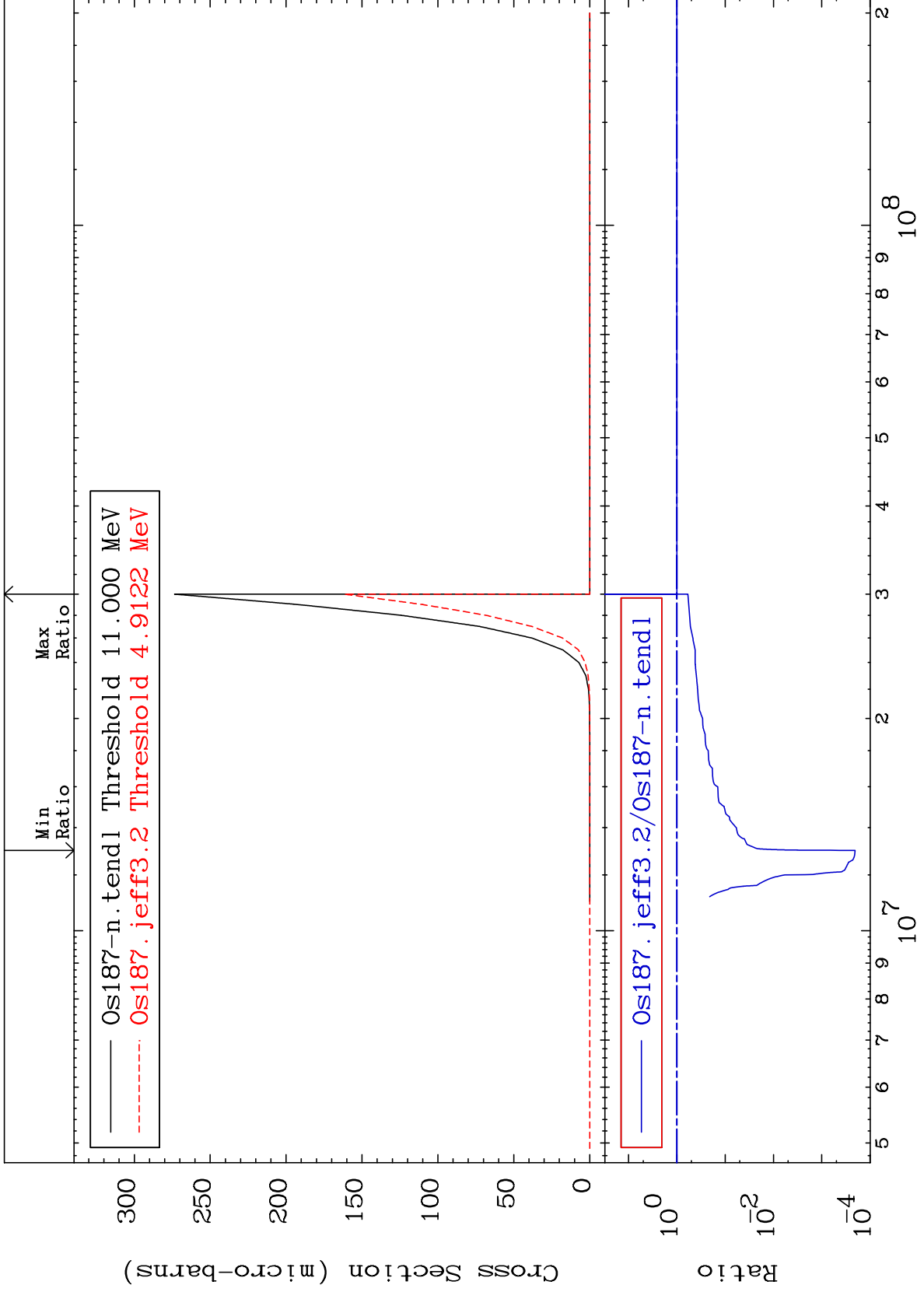


MAT 7634

(n,He-3):74-W -185m6

76-0s-187

Radionuclide Production Cross Section -99.98 To 0.000 %



95

Incident Energy (eV)

76-0s-187

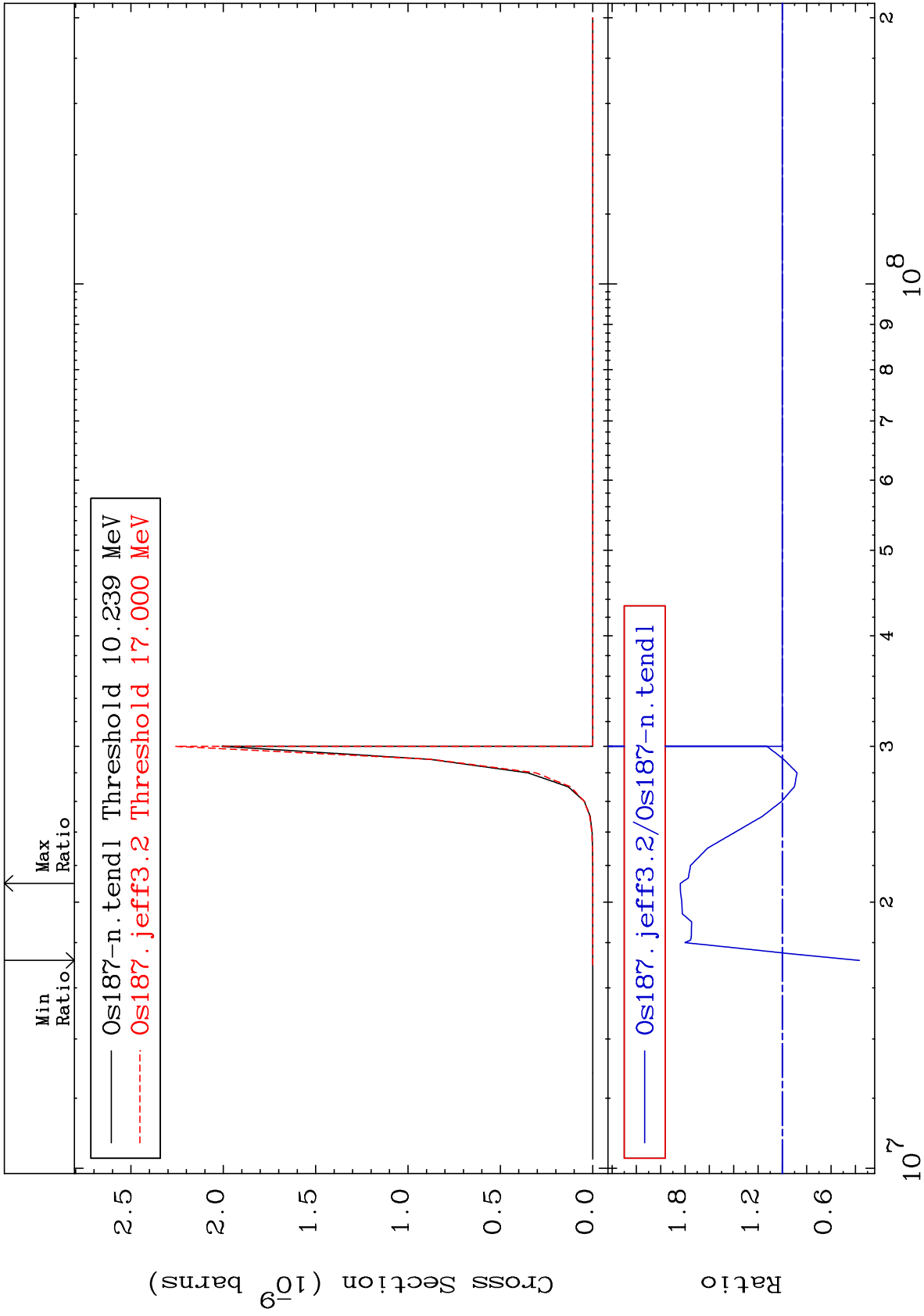
MAT 7634

(n, p) d:74-W -185g

76-0s-187

Radionuclide Production Cross Section

-63.34 To 83.85 %



96

Incident Energy (eV)

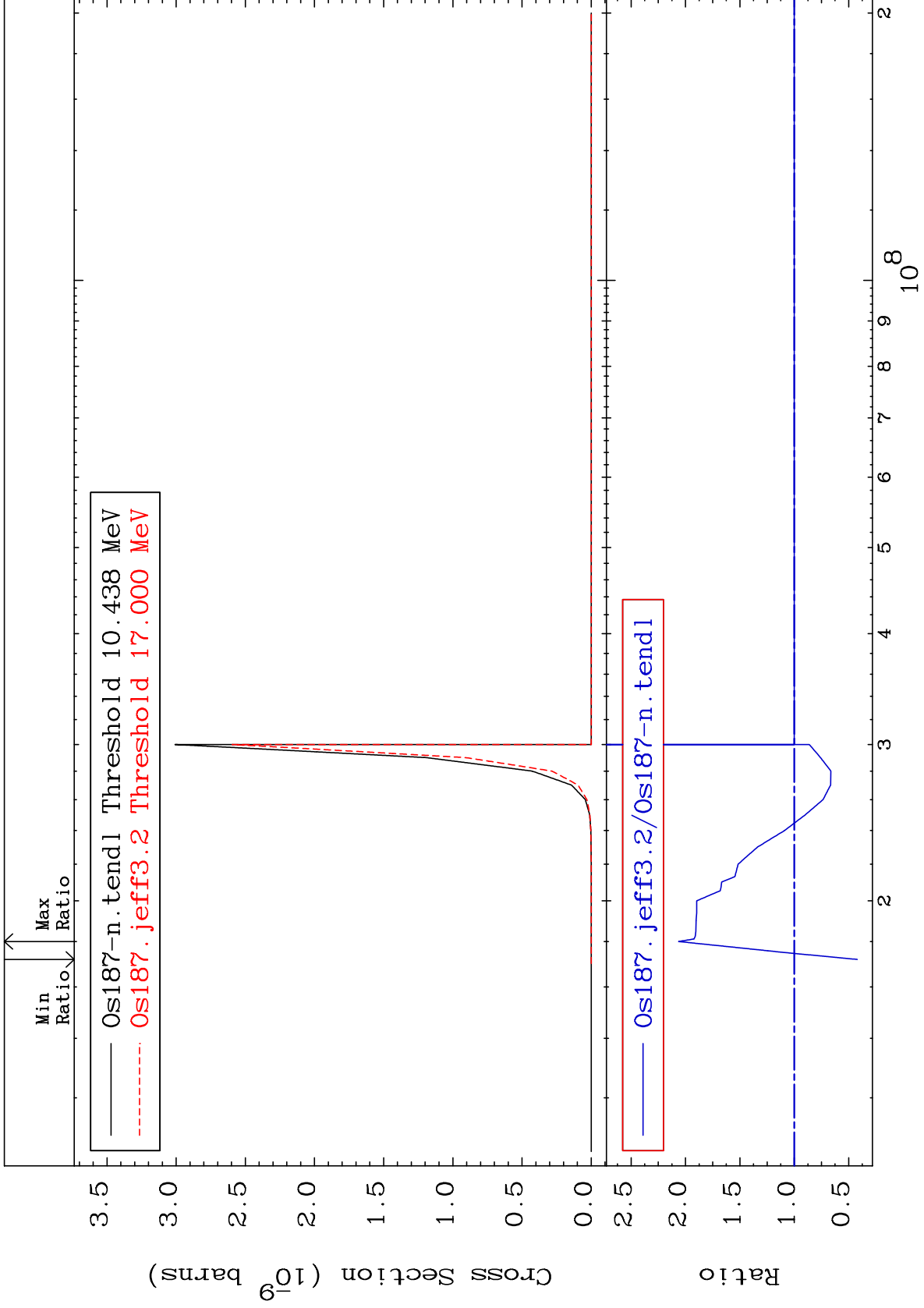
76-0s-187

MAT 7634

(n,p) d:74-W -185m6

76-0s-187

Radionuclide Production Cross Section -57.88 To 106.3 %



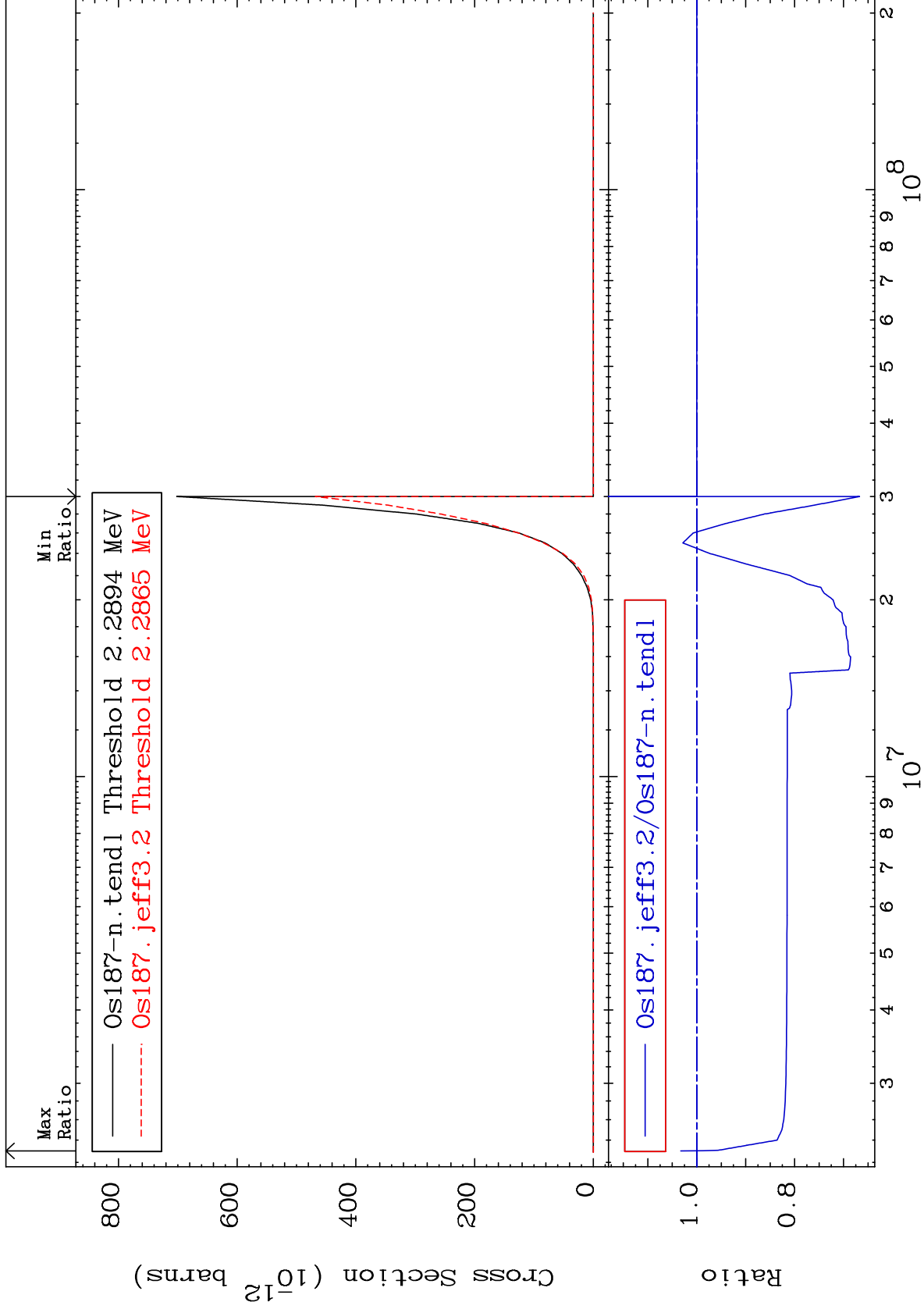
MAT 7634

(n, d) α : 73-Ta-182g

76-0s-187

Radionuclide Production Cross Section

-33.27 To 3.267 %



MAT 7634

(n,d) α :73-Ta-182m1

76-0s-187

Radionuclide Production Cross Section

-37.82 To 0.000 %

