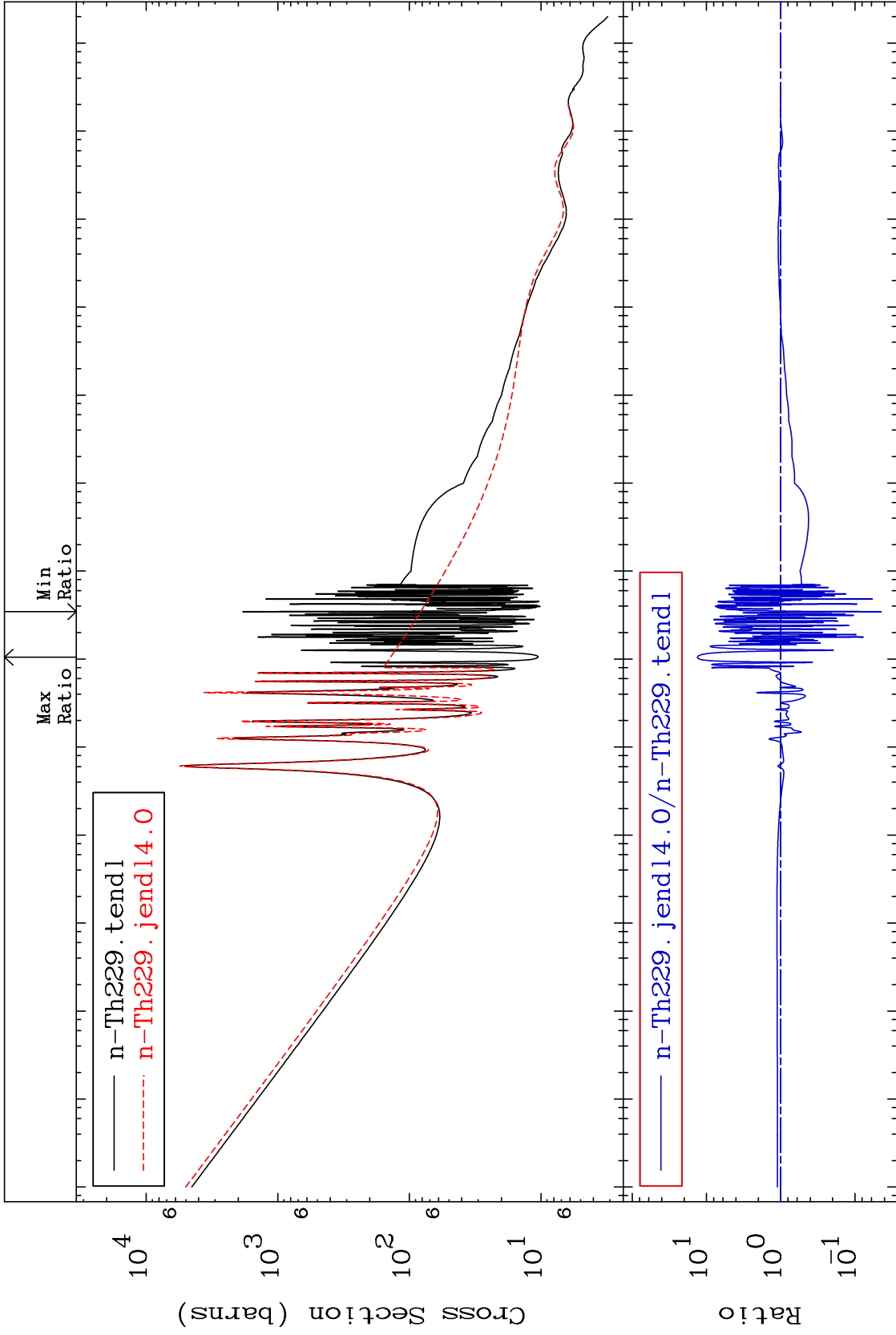


MAT 9031

Total
Cross Section
90-Th-229
-95.56 To 1220. %

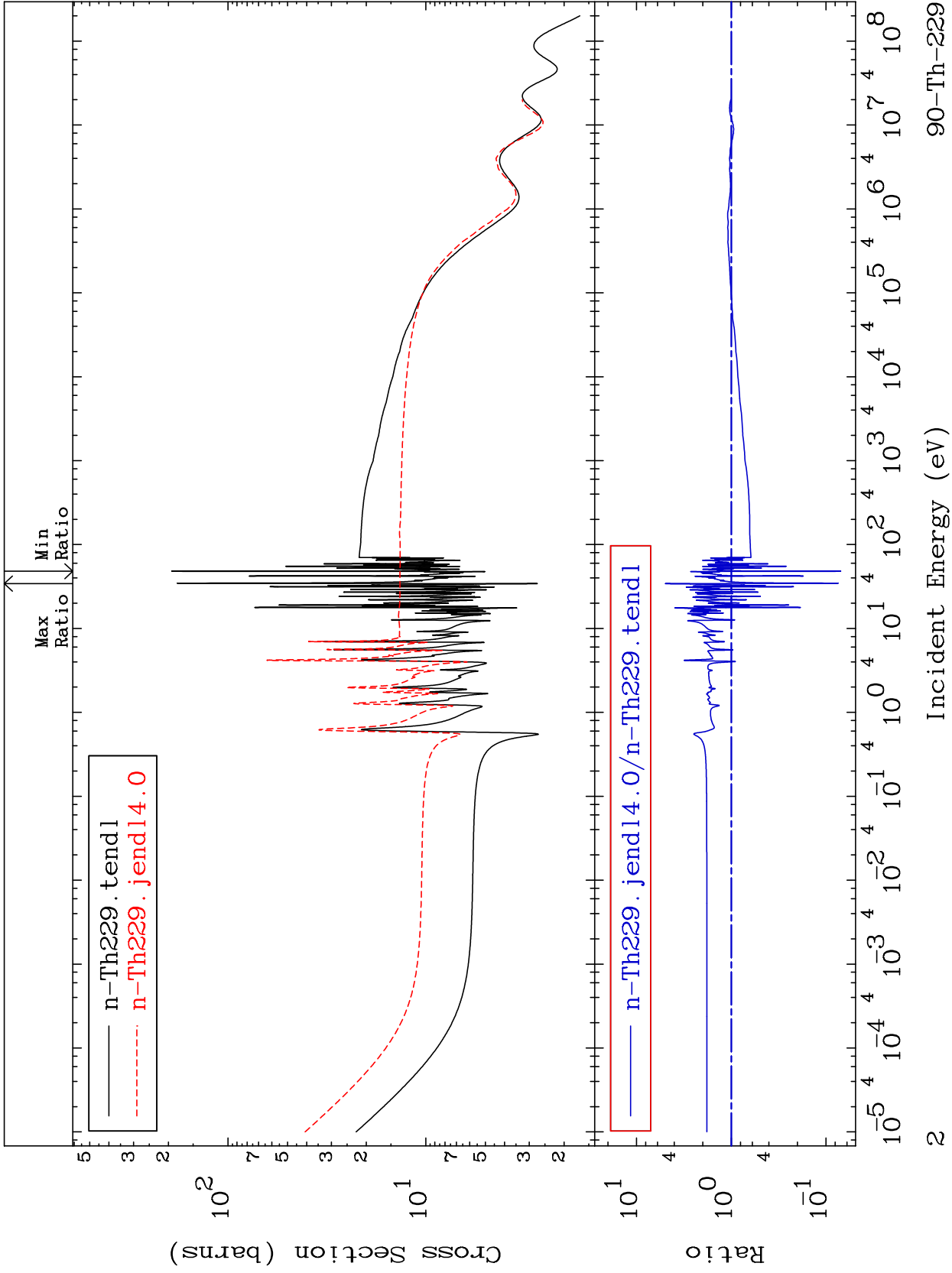


Incident Energy (eV) 90-Th-229

MAT 9031

Elastic
Cross Section

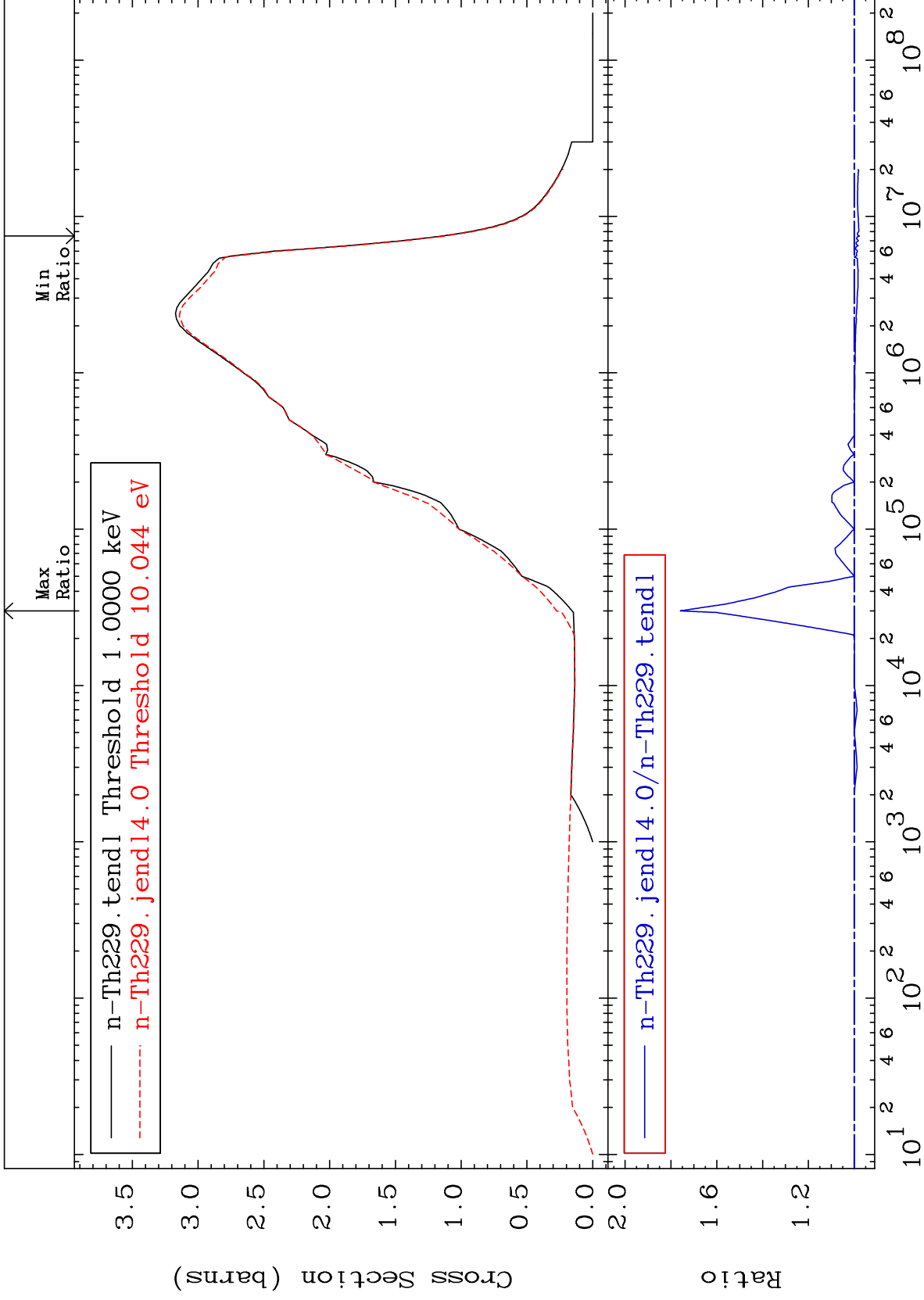
90-Th-229
-92.99 To 394.2 %



MAT 9031

Inelastic
Cross Section

90-Th-229
-2.276 To 75.90 %



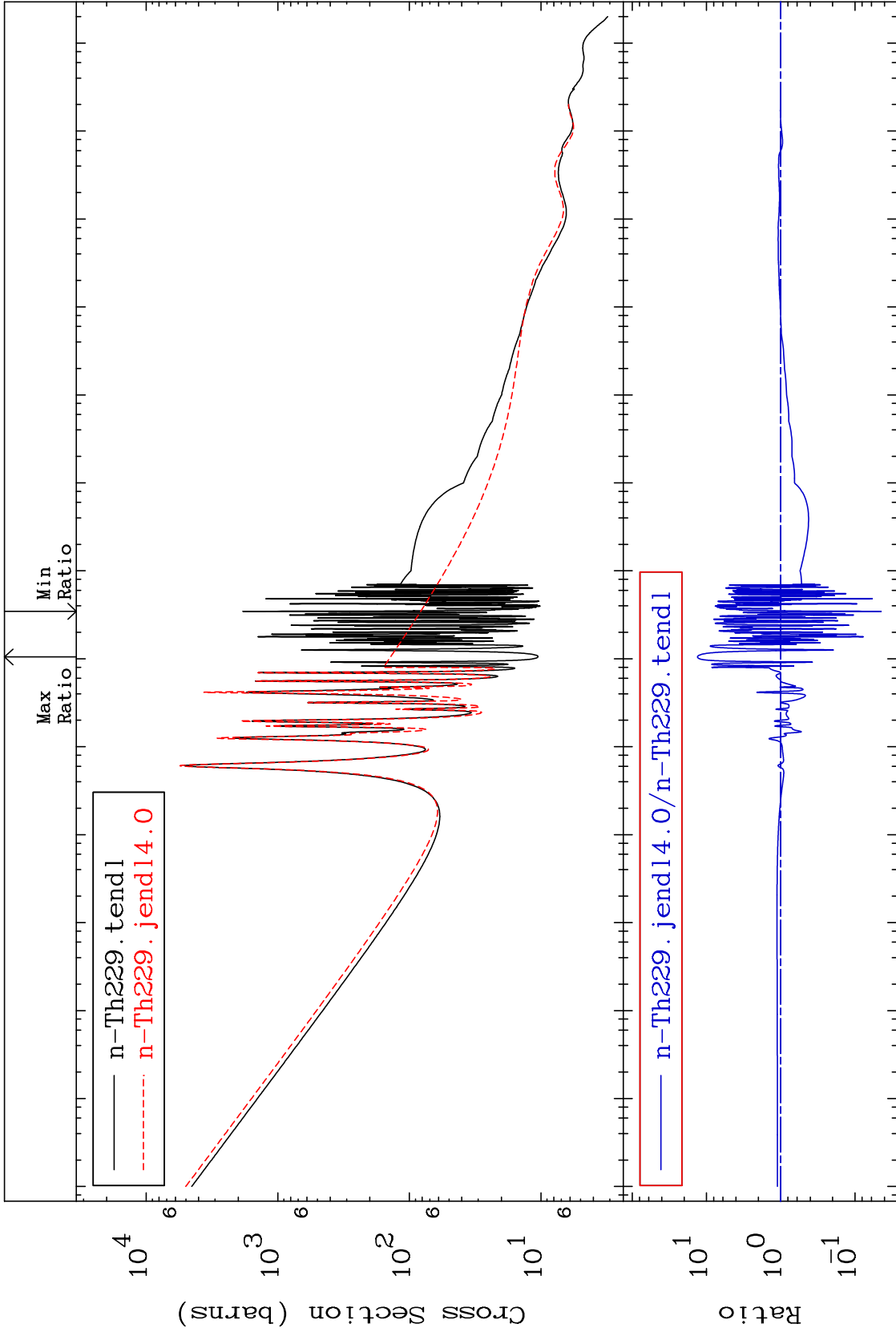
Incident Energy (eV)

90-Th-229

3

MAT 9031

Total Cross Section
90-Th-229
-95.56 To 1220. %

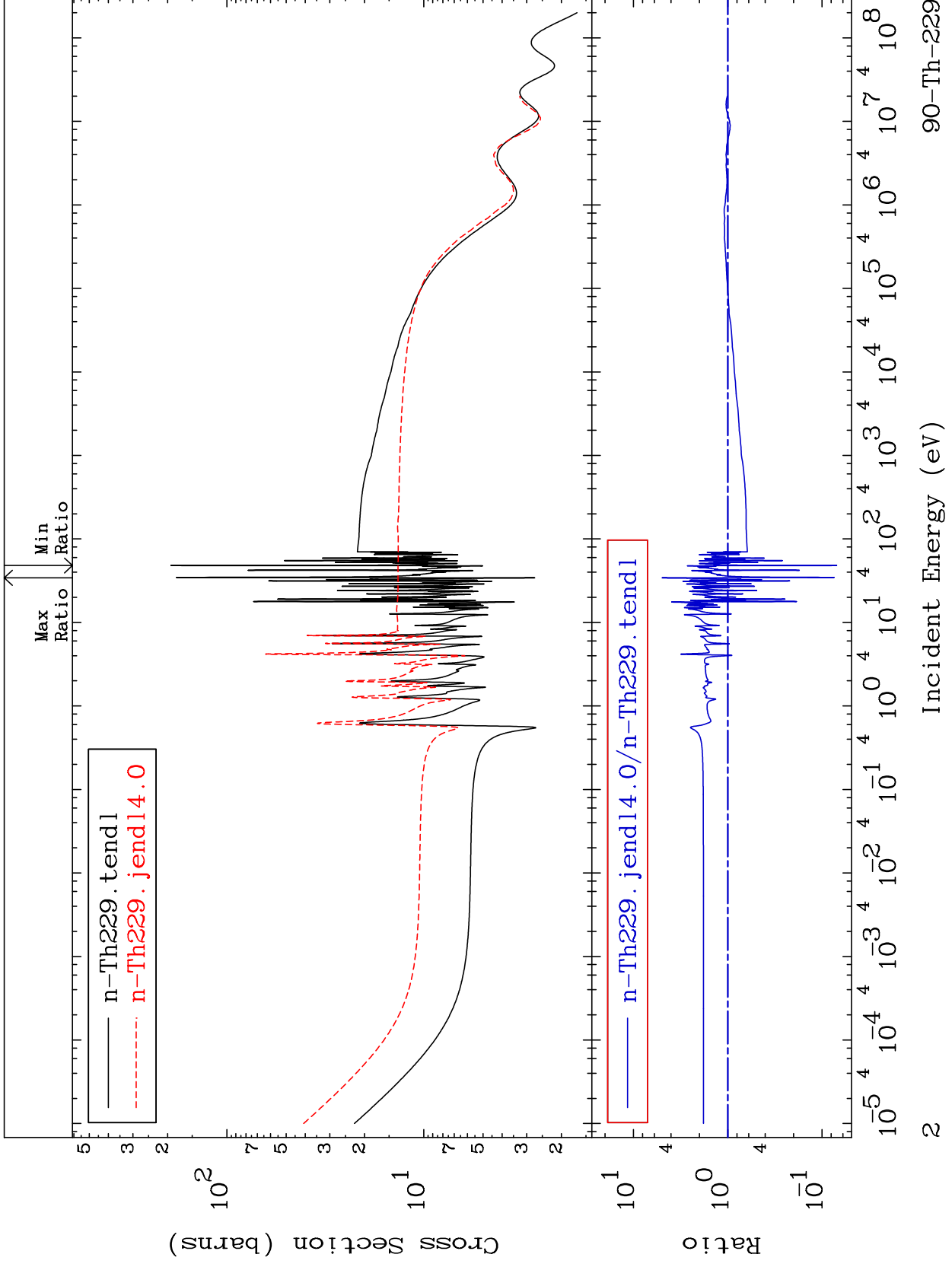


Incident Energy (eV) 90-Th-229

MAT 9031

Elastic
Cross Section

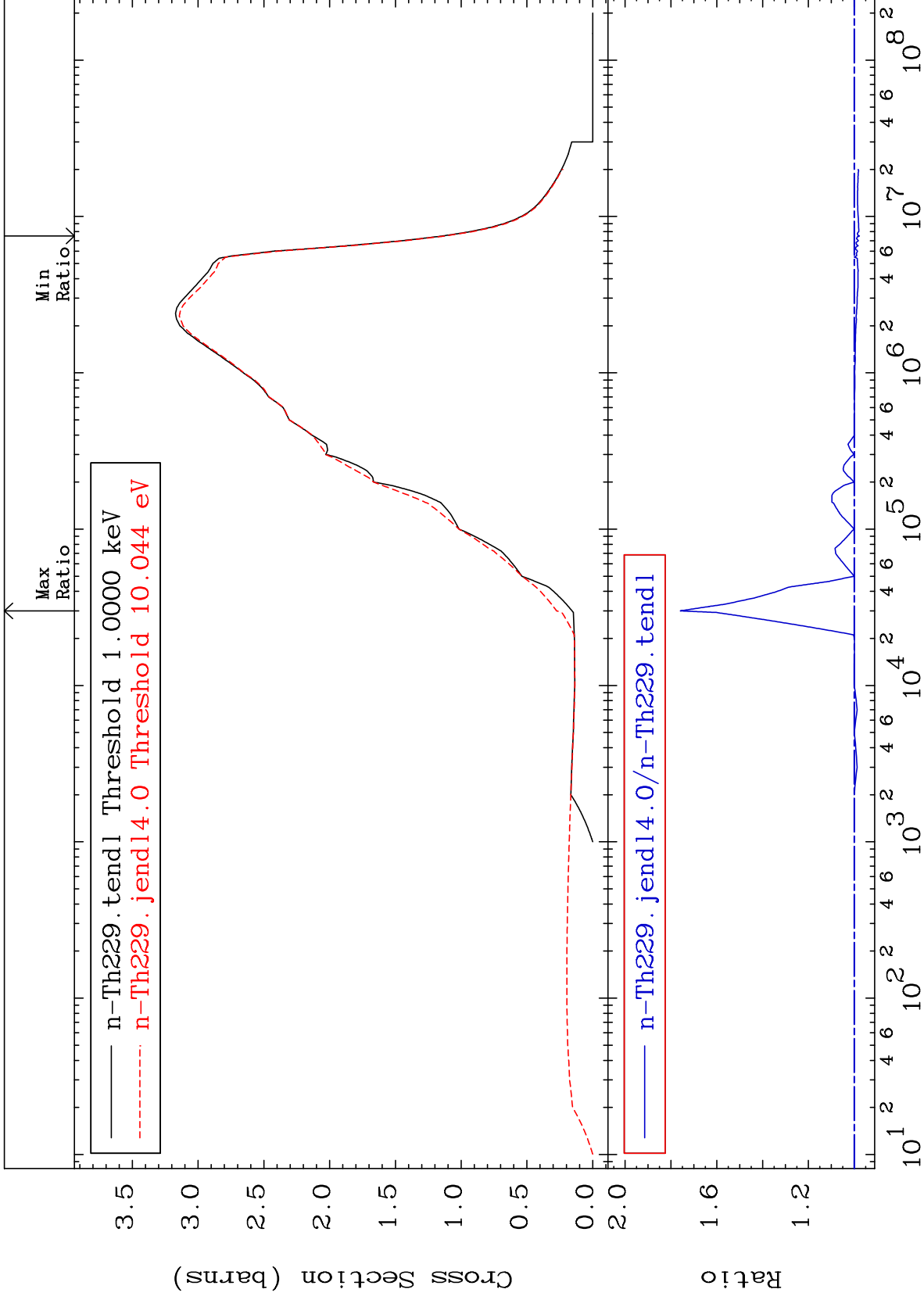
90-Th-229
-92.99 To 394.2 %



MAT 9031

Inelastic
Cross Section

90-Th-229
-2.276 To 75.90 %



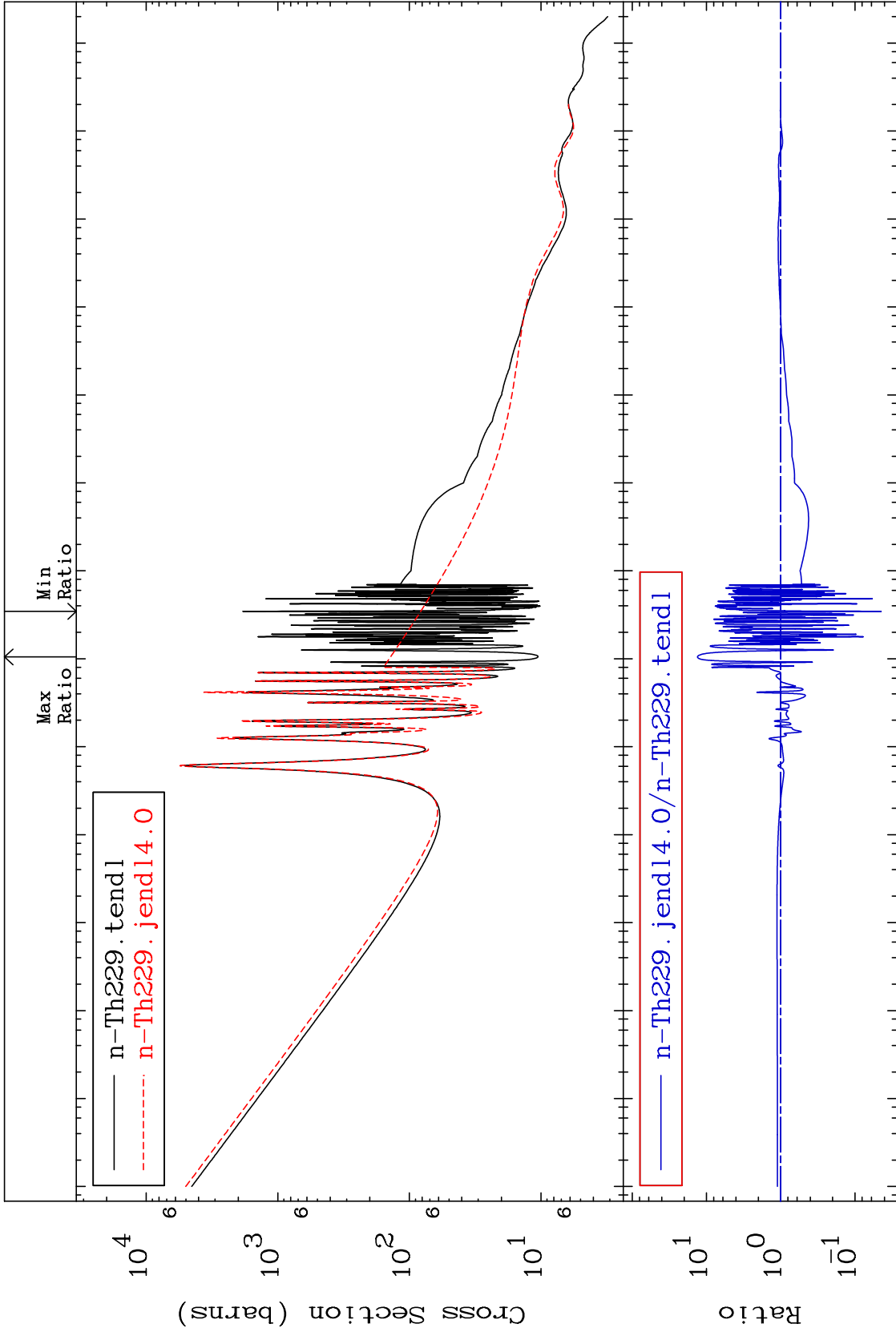
Incident Energy (eV)

90-Th-229

3

MAT 9031

Total
Cross Section
90-Th-229
-95.56 To 1220. %

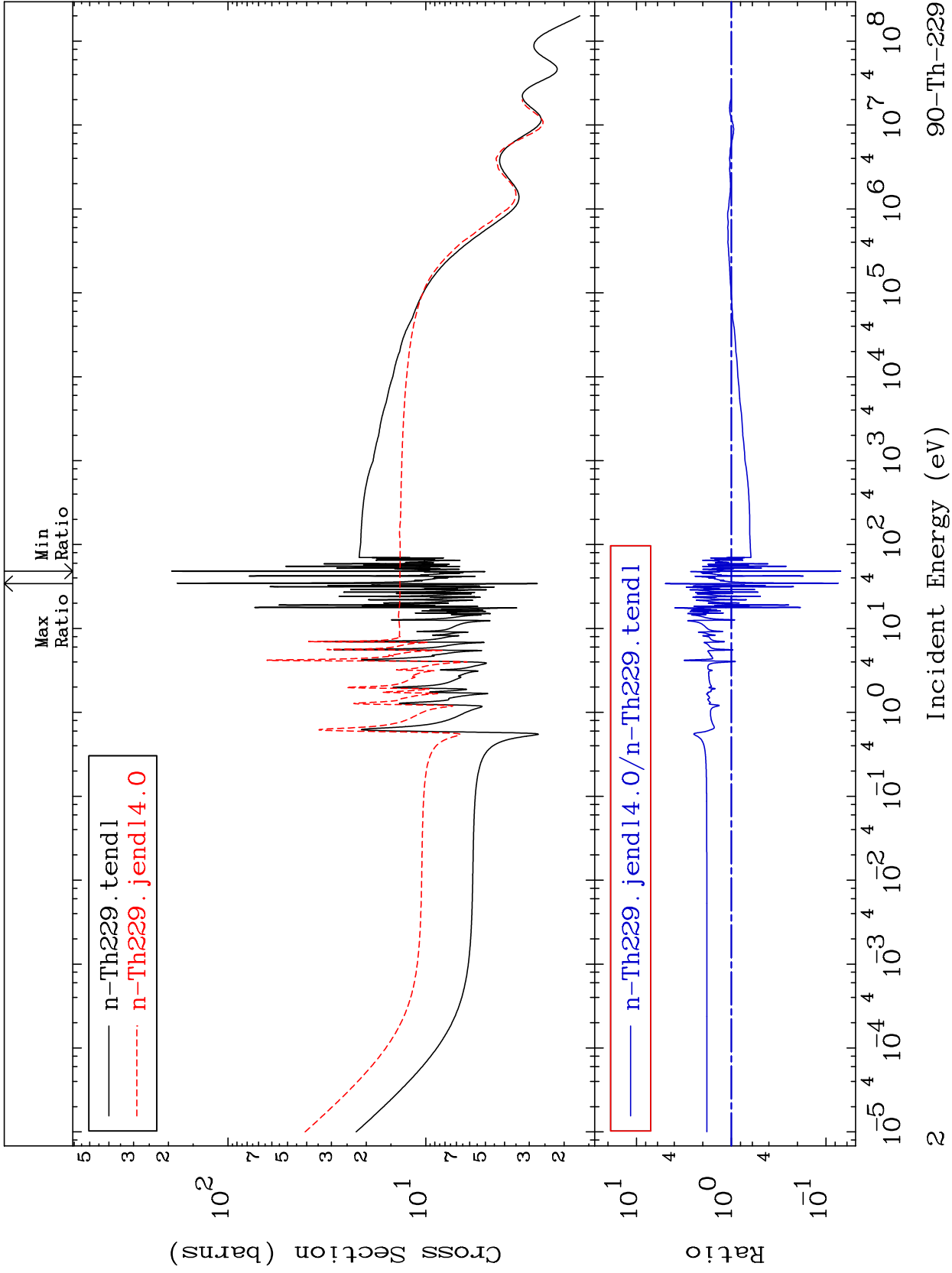


Incident Energy (eV) 90-Th-229

MAT 9031

Elastic
Cross Section

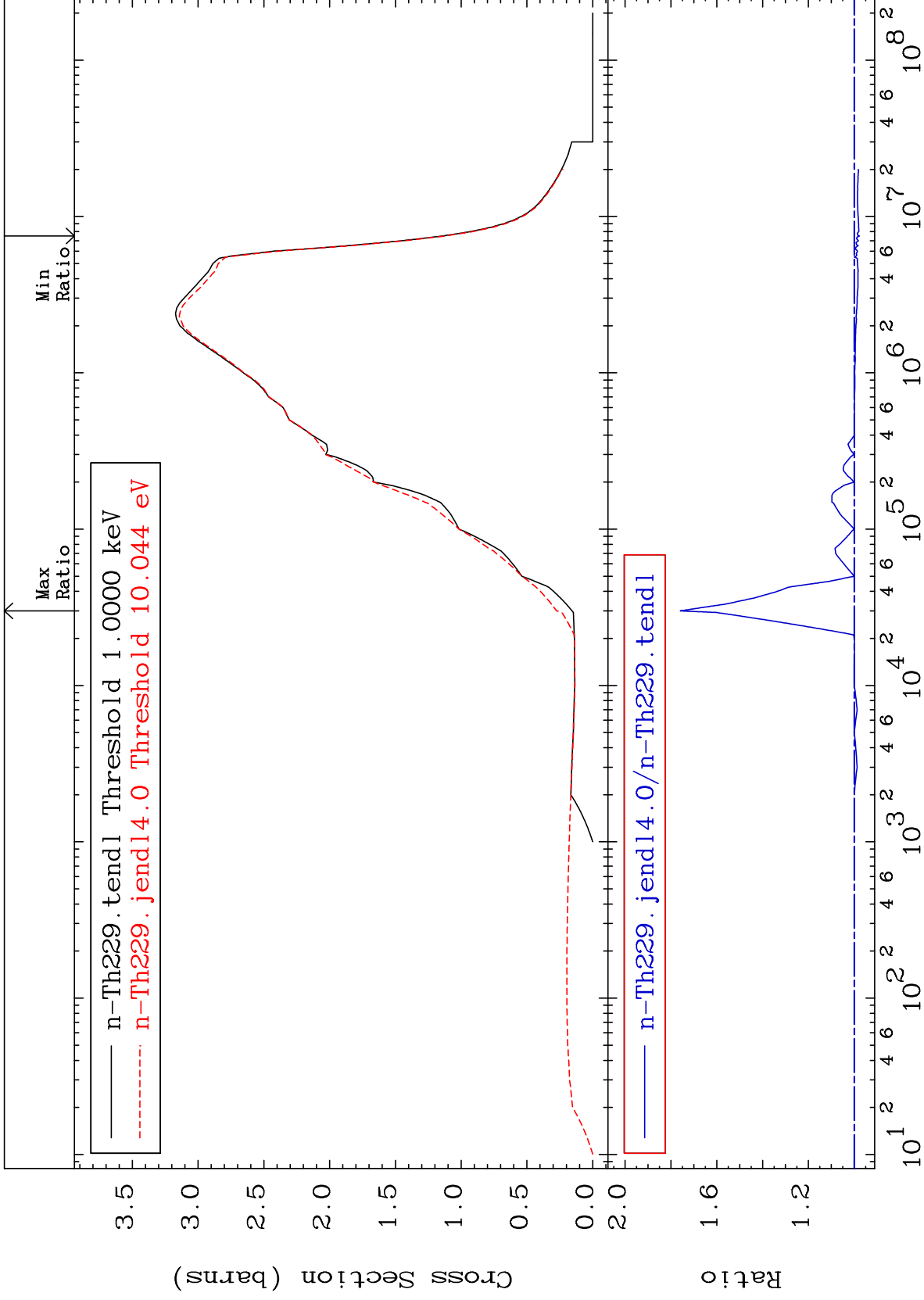
90-Th-229
-92.99 To 394.2 %



MAT 9031

Inelastic
Cross Section

90-Th-229
-2.276 To 75.90 %



Incident Energy (eV)

90-Th-229

3

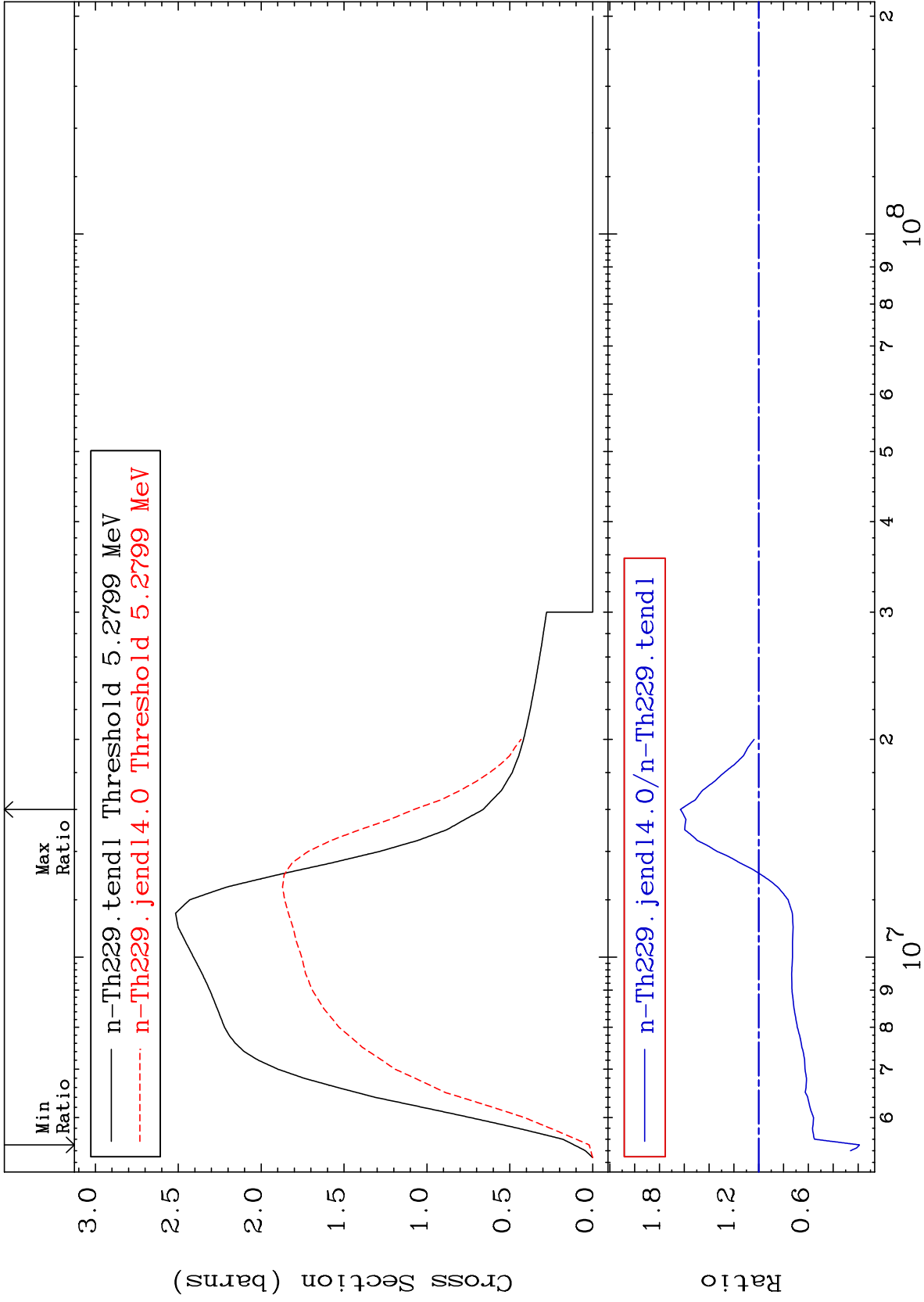
MAT 9031

(n,2n)

90-Th-229

Cross Section

-81.09 To 63.16 %



4

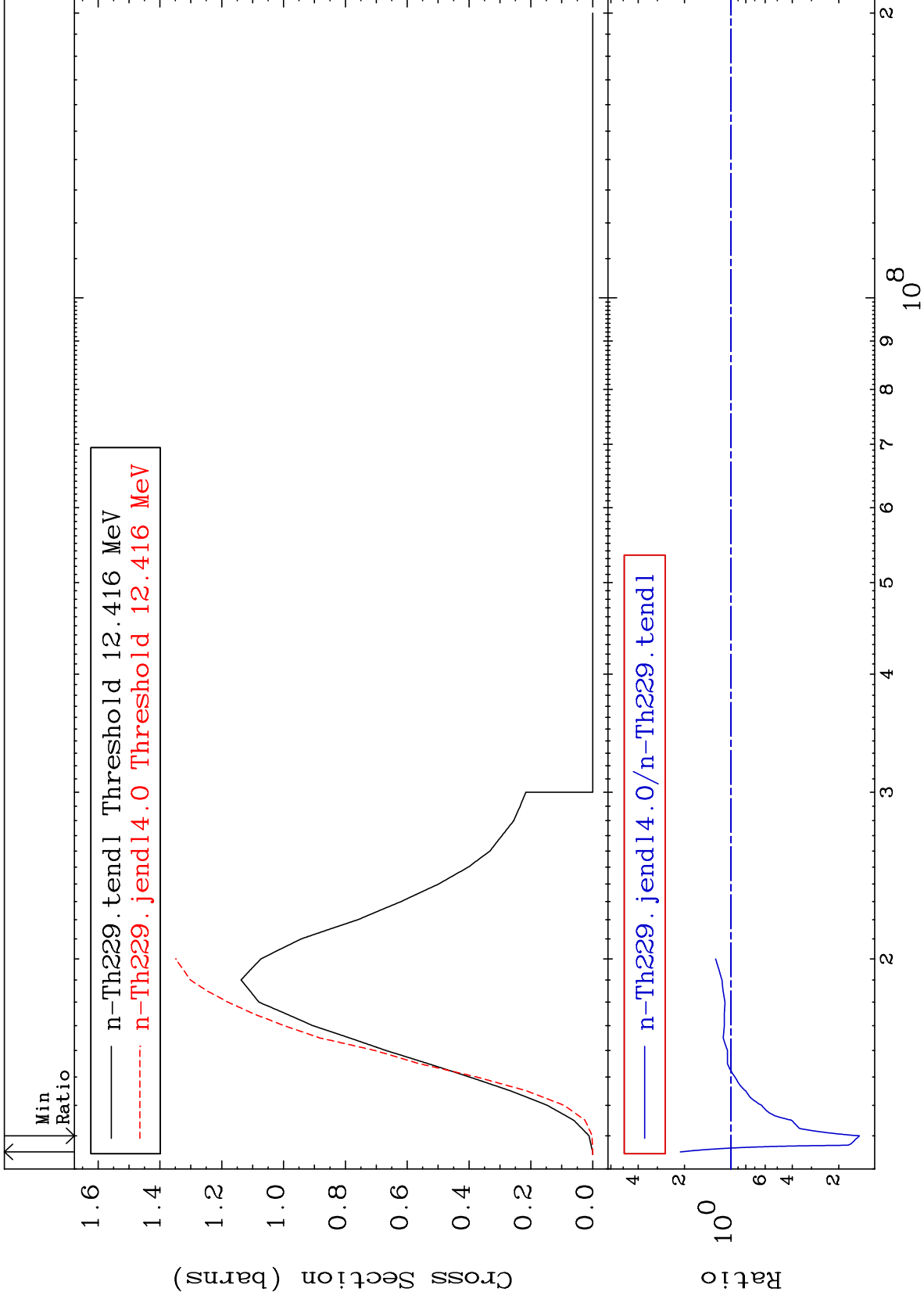
Incident Energy (eV)

90-Th-229

MAT 9031

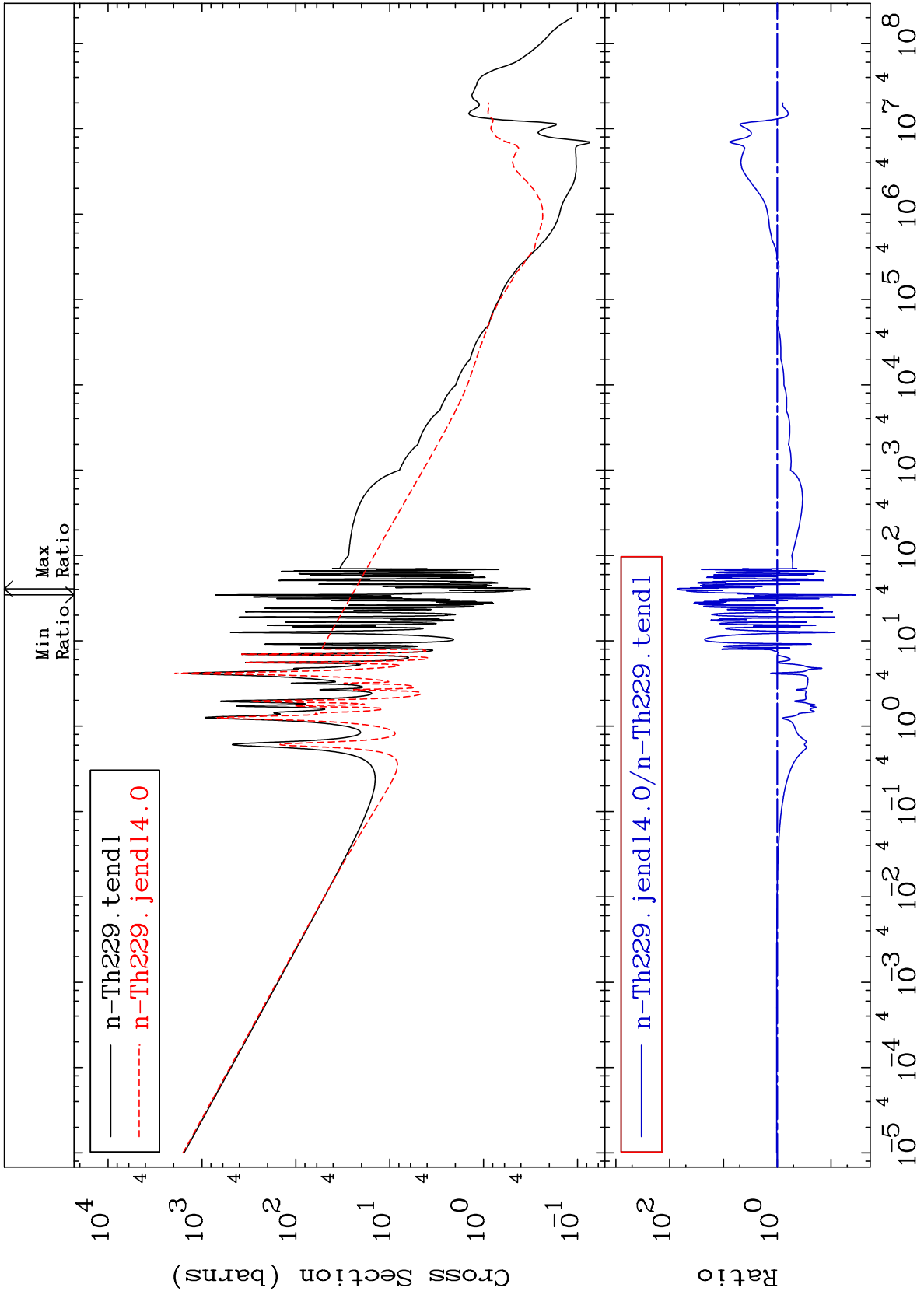
(n,3n)
Cross Section

90-Th-229
-85.32 To 112.9 %



MAT 9031

Fission Cross Section
90-Th-229
-96.44 To 7242. %



Incident Energy (eV)

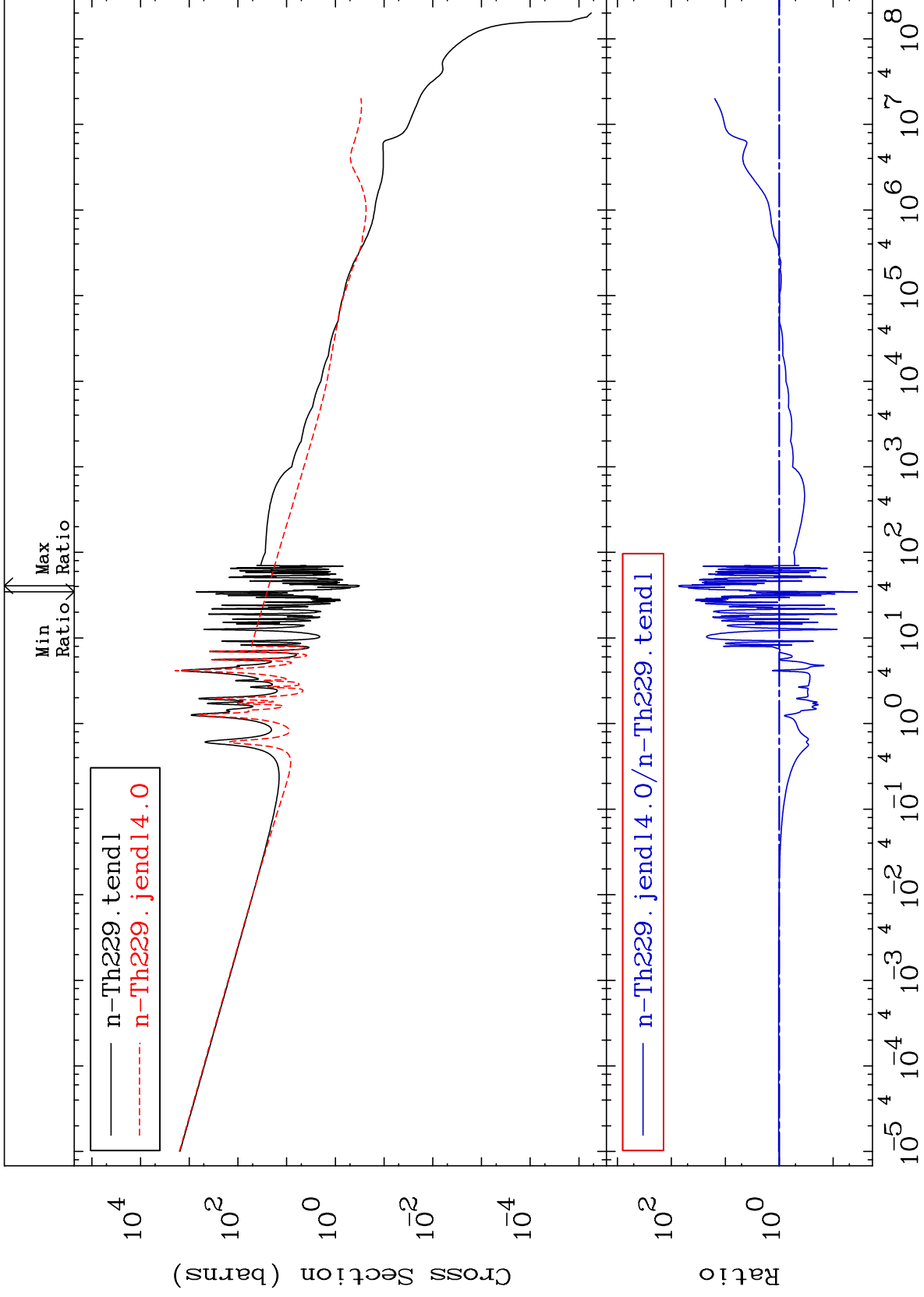
90-Th-229

6

MAT 9031

(n,f) First Chance
Cross Section

90-Th-229
-96.44 To 7242. %



7

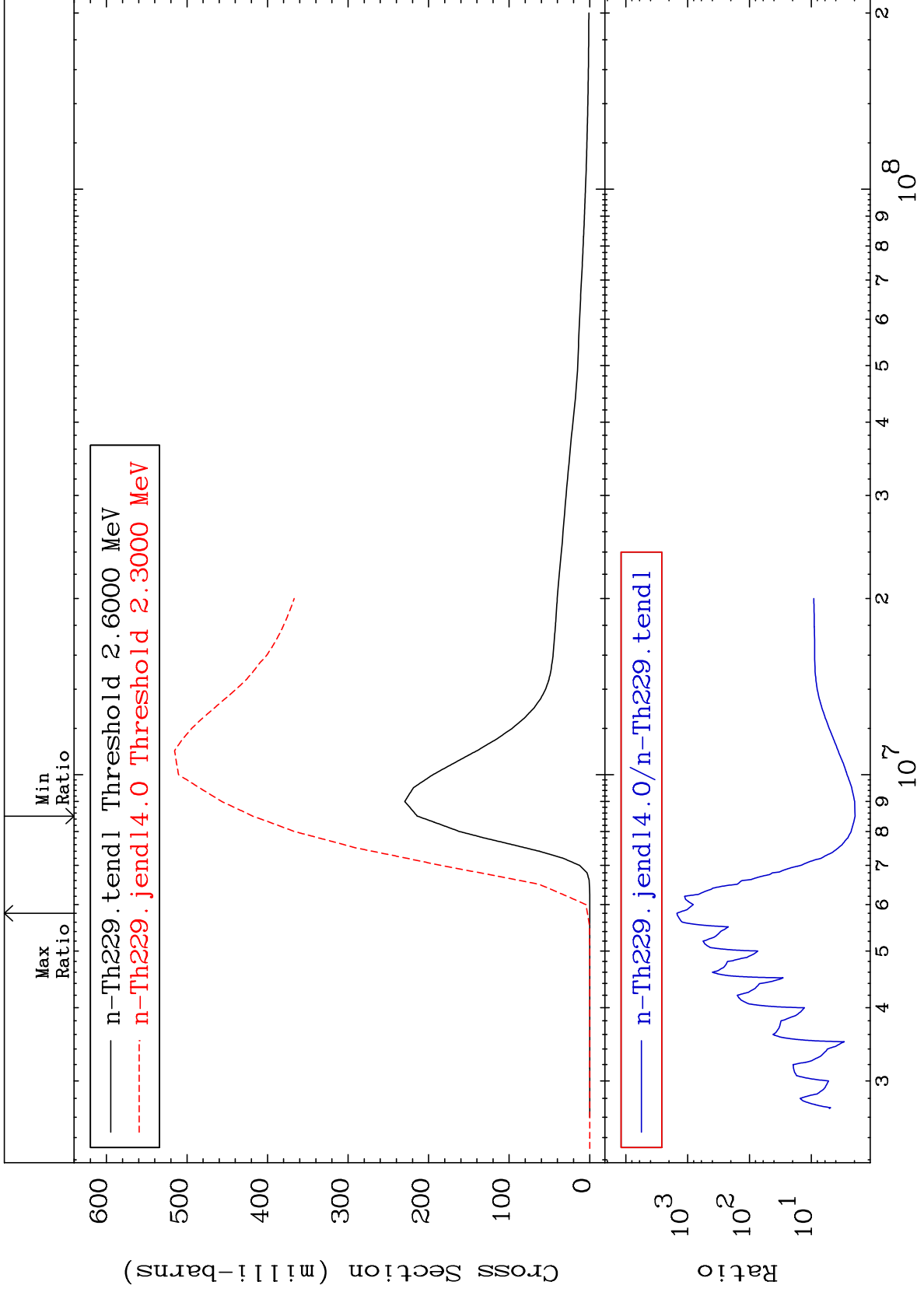
Incident Energy (eV)

90-Th-229

MAT 9031

(n, nf) Second Chance
Cross Section

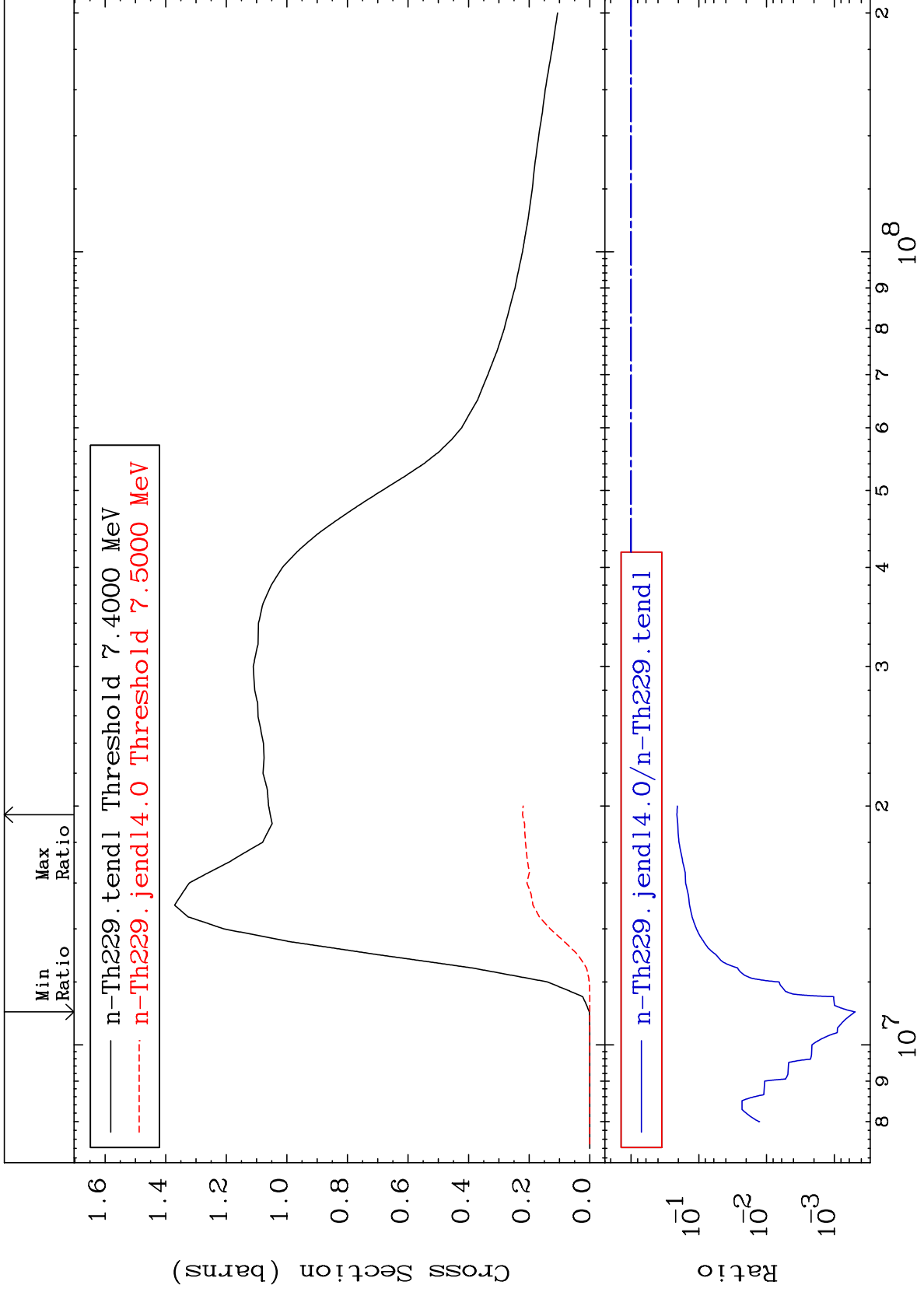
90-Th-229
95.38 To 9999. %



MAT 9031

(n,2nf) Third Chance
Cross Section

90-Th-229
-99.95 To -78.98%



9

Incident Energy (eV)

90-Th-229

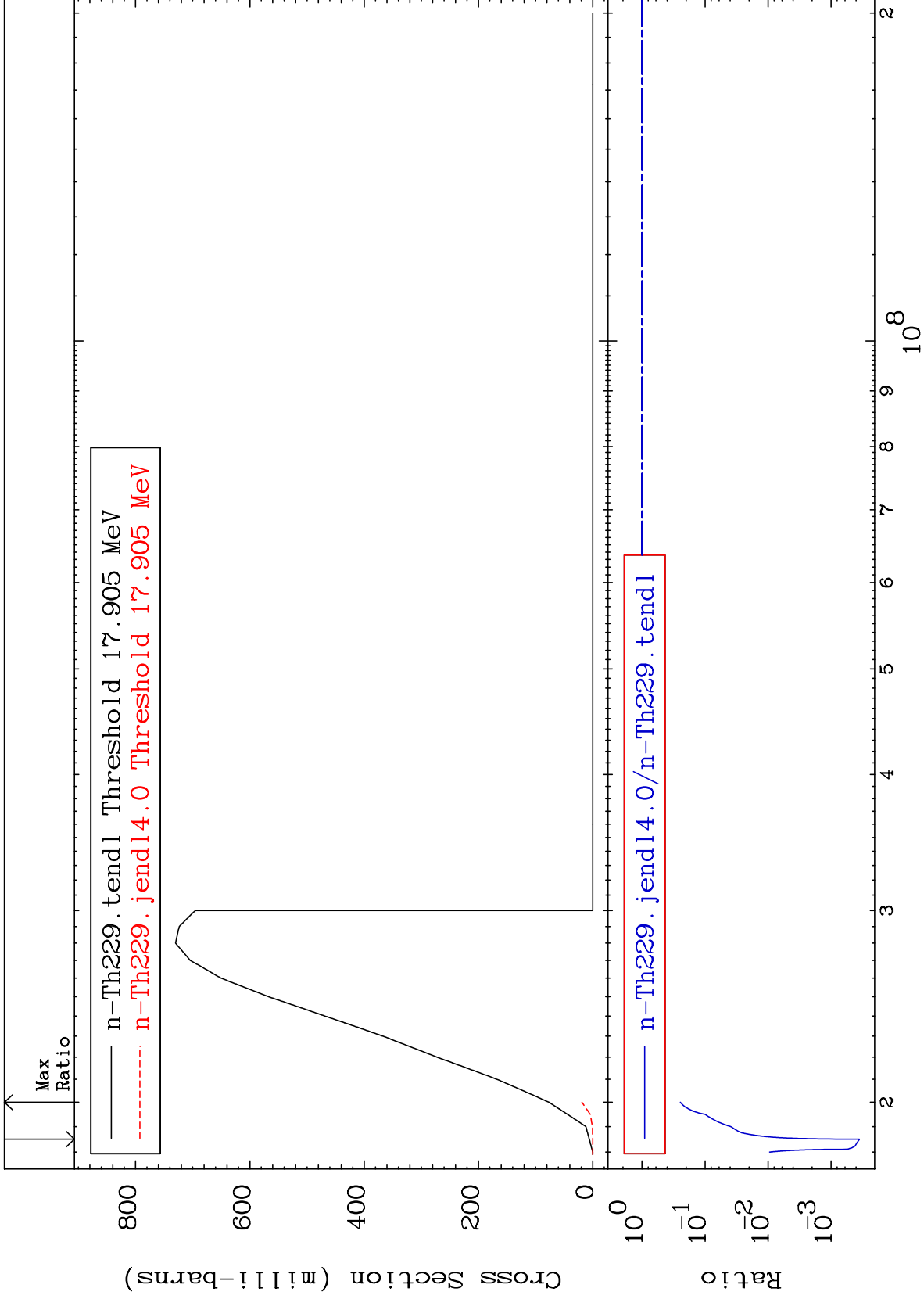
MAT 9031

(n,4n)

90-Th-229

Cross Section

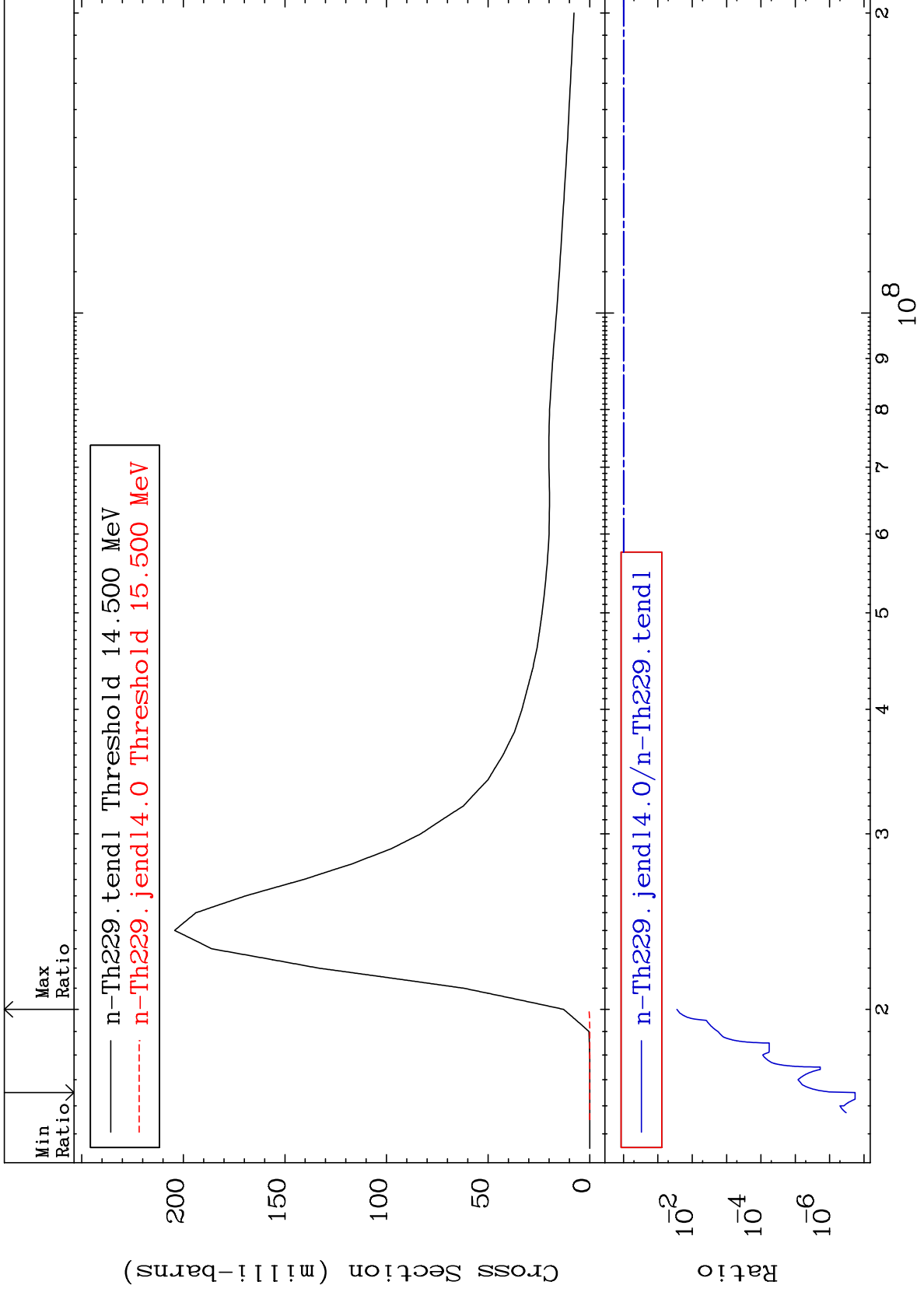
-99.96 To -75.37%



10

Incident Energy (eV)

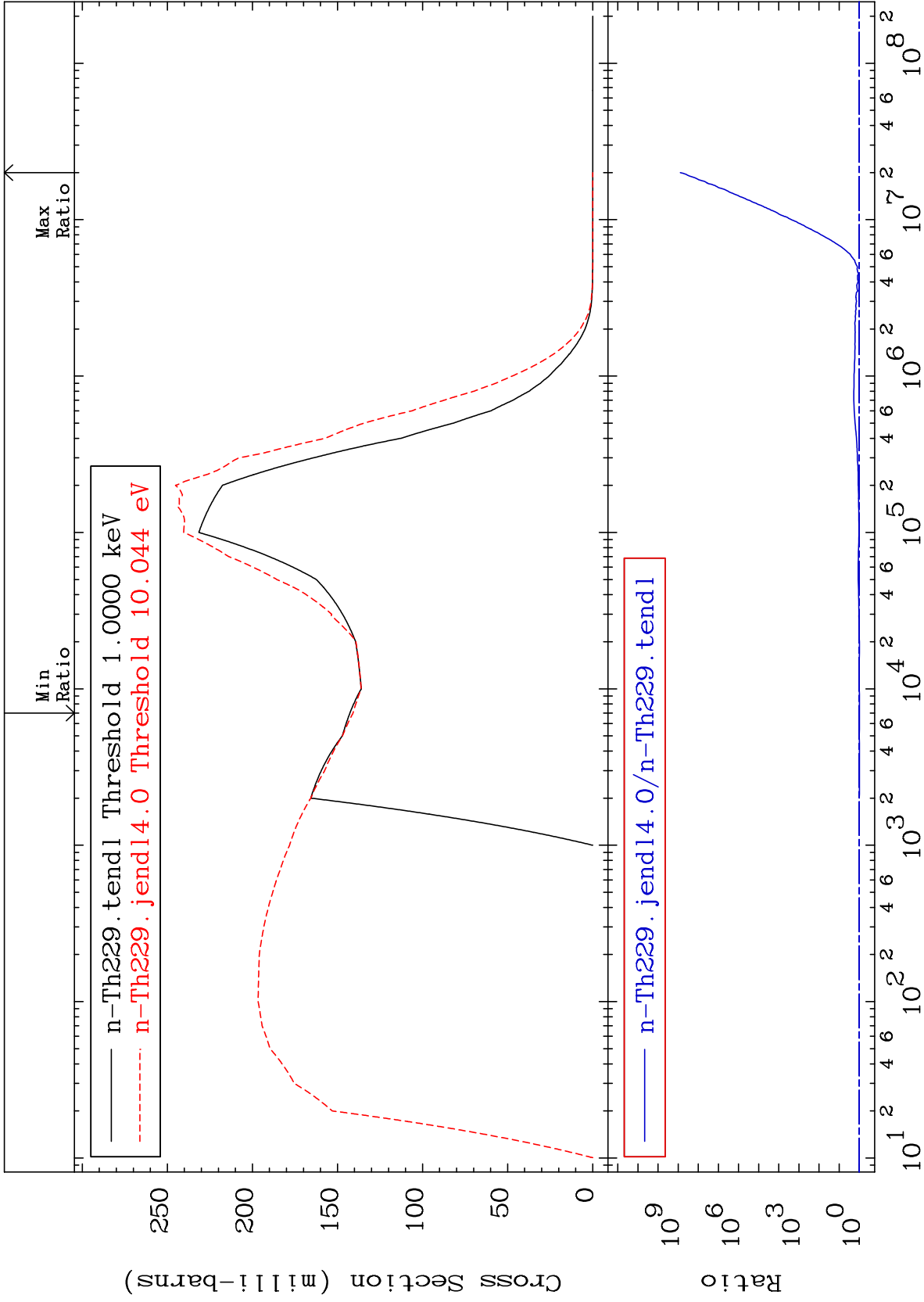
90-Th-229



MAT 9031

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

90-Th-229
-1.281 To 9999. %



Incident Energy (eV)

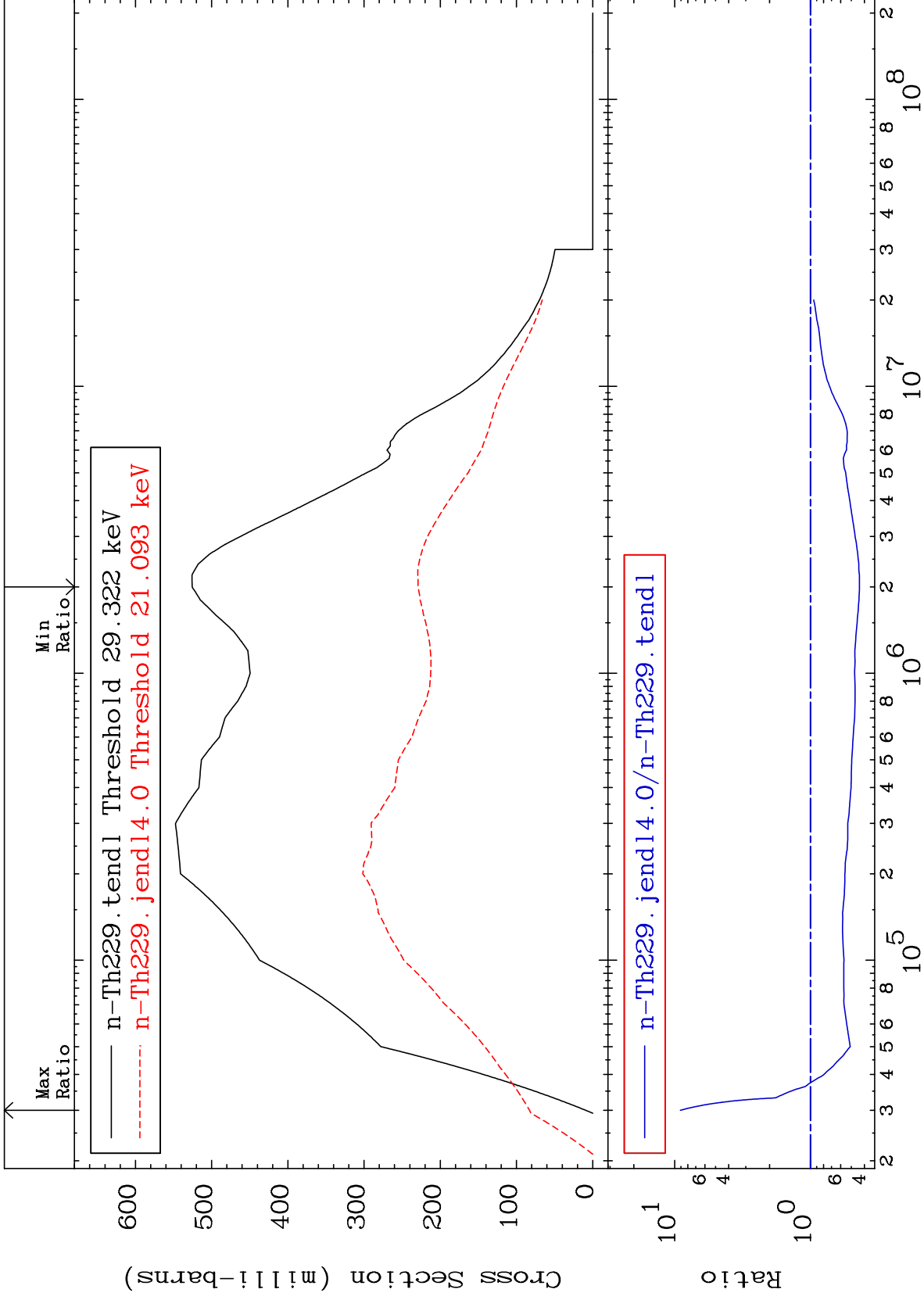
90-Th-229

12

MAT 9031

MT= 52 (n,n') Level
Cross Section

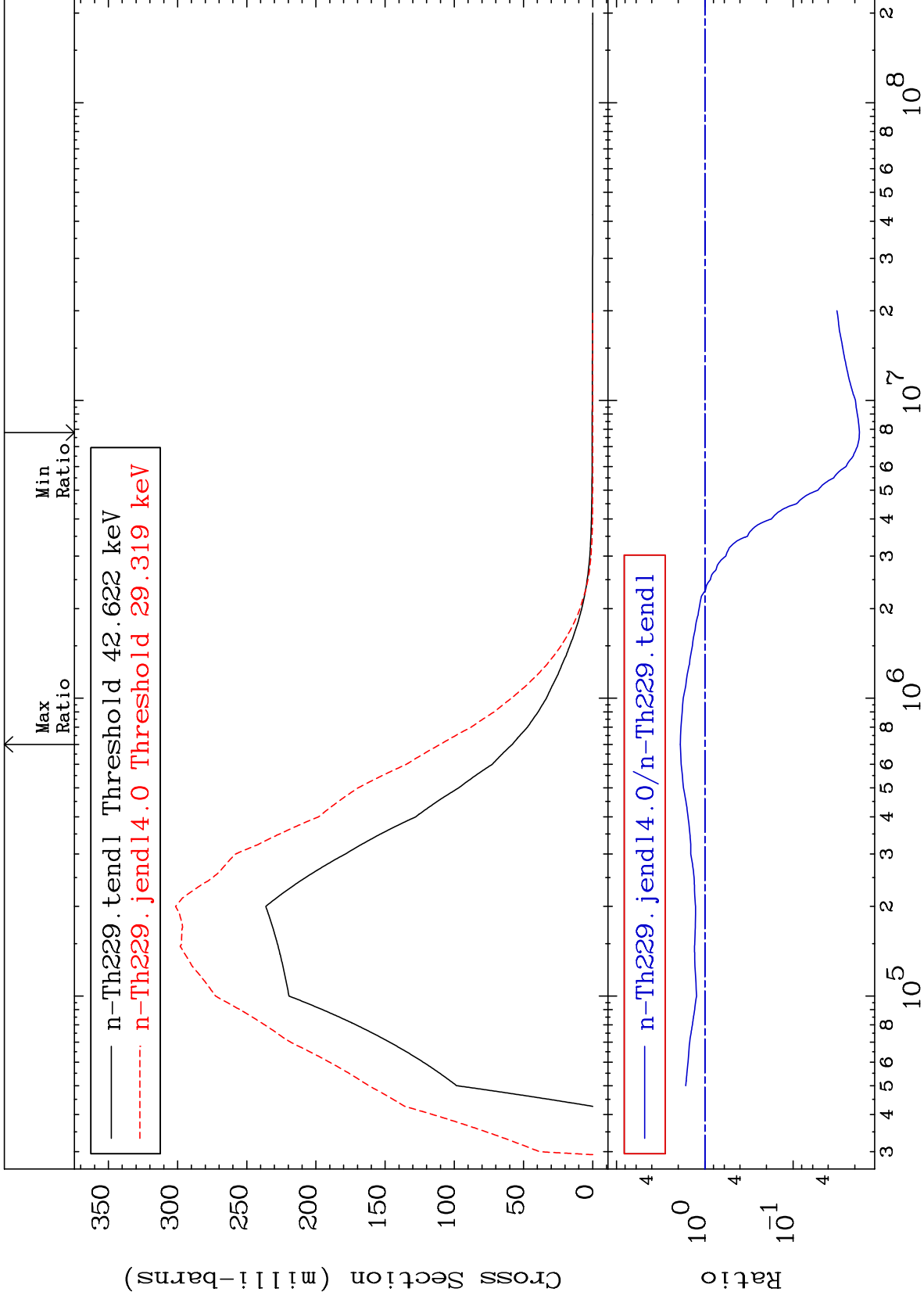
90-Th-229
-56.41 To 808.9 %



MAT 9031

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

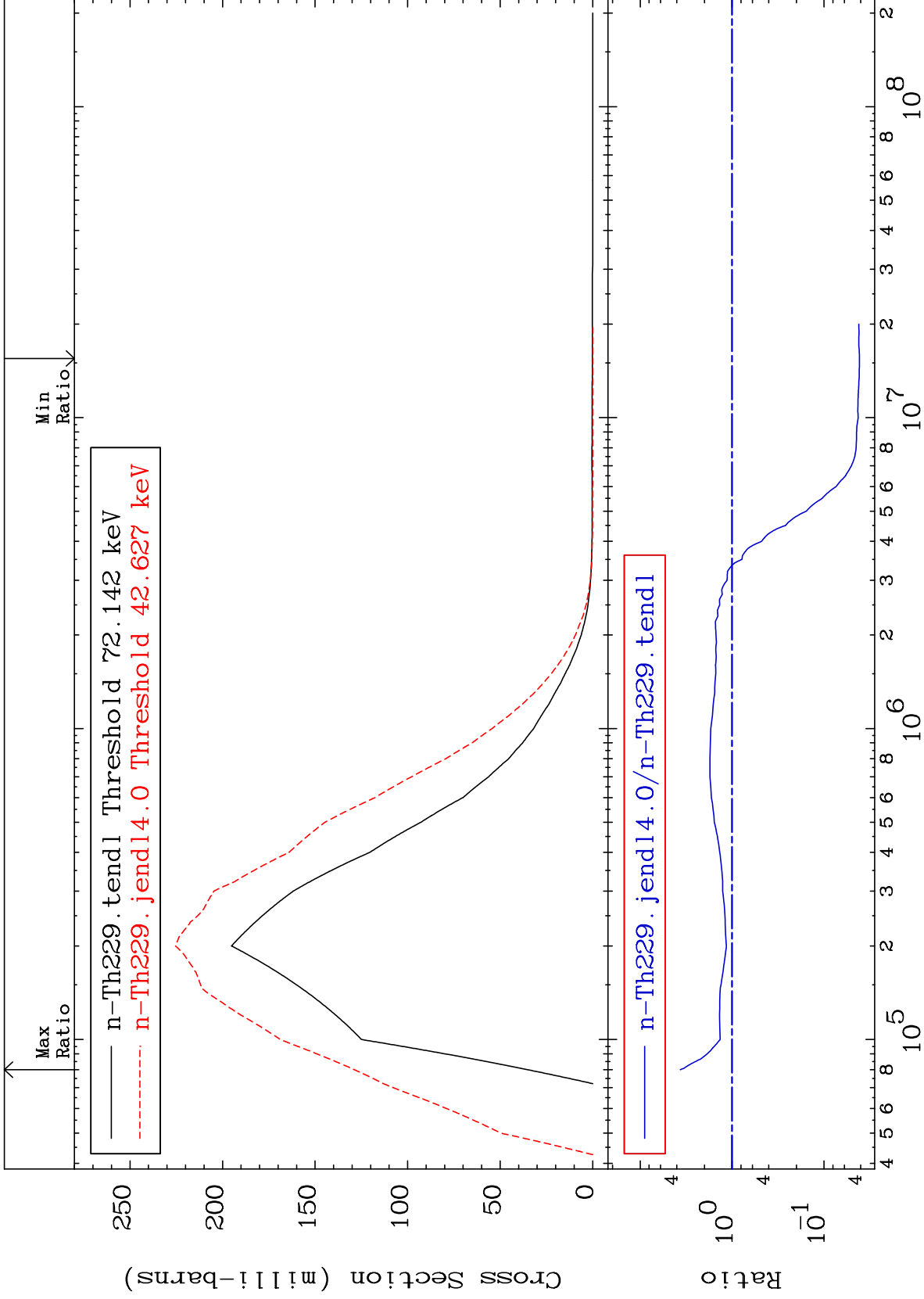
90-Th-229
-98.23 To 89.34 %



MAT 9031

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

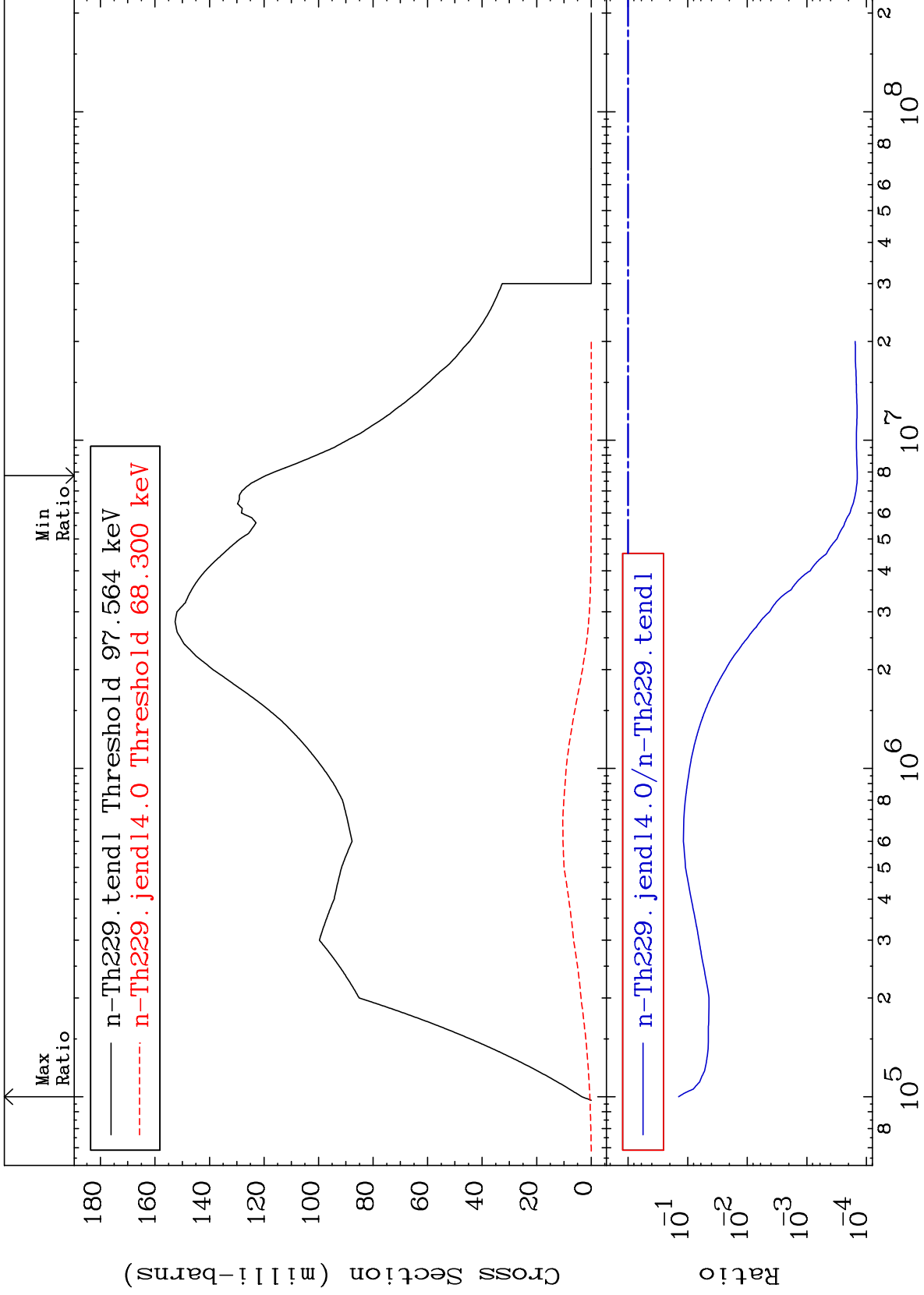
90-Th-229
-95.88 To 265.6 %



MAT 9031

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

90-Th-229
-99.99 To -85.80%



16

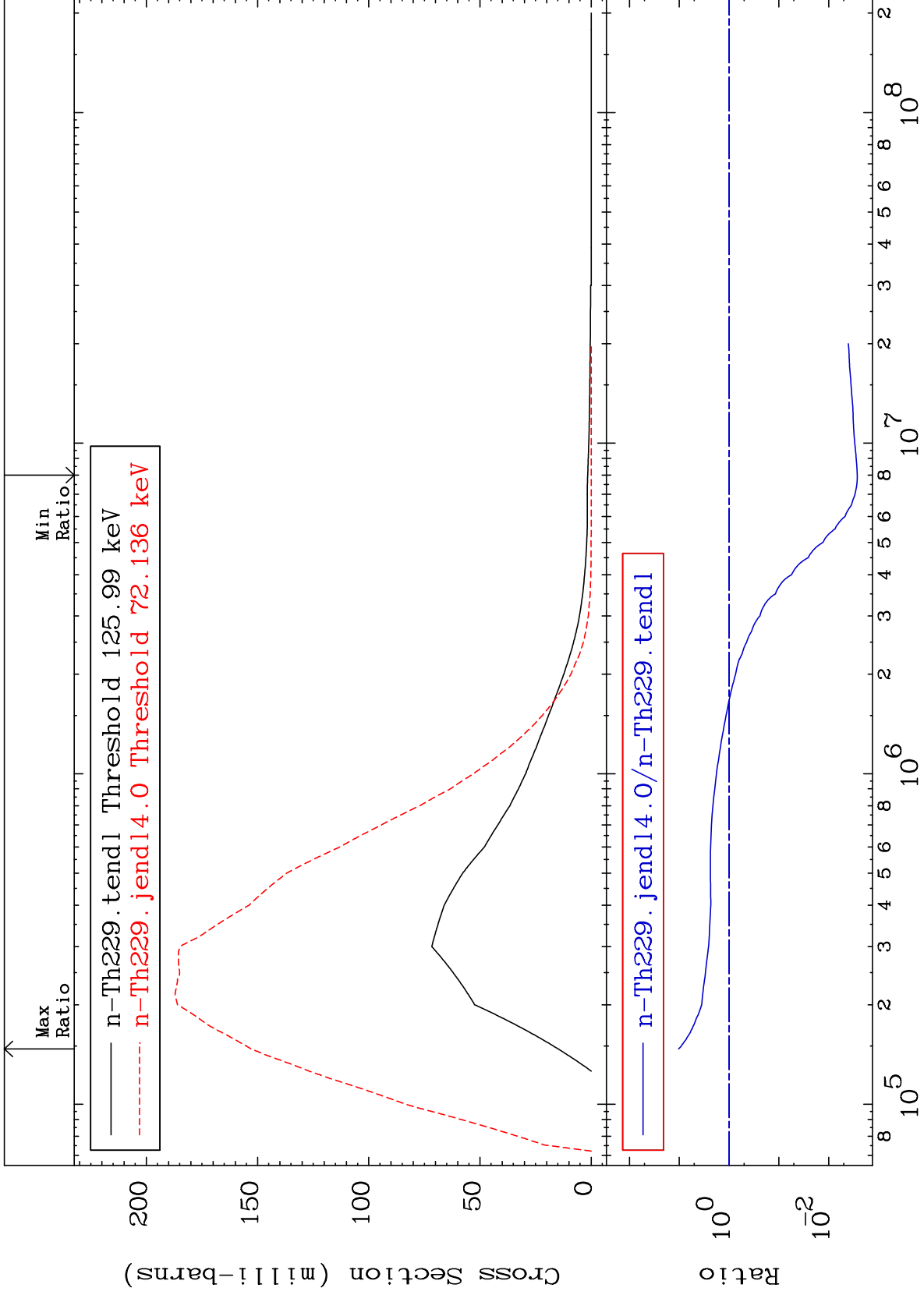
Incident Energy (eV)

90-Th-229

MAT 9031

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

90-Th-229
-99.73 To 928.7 %



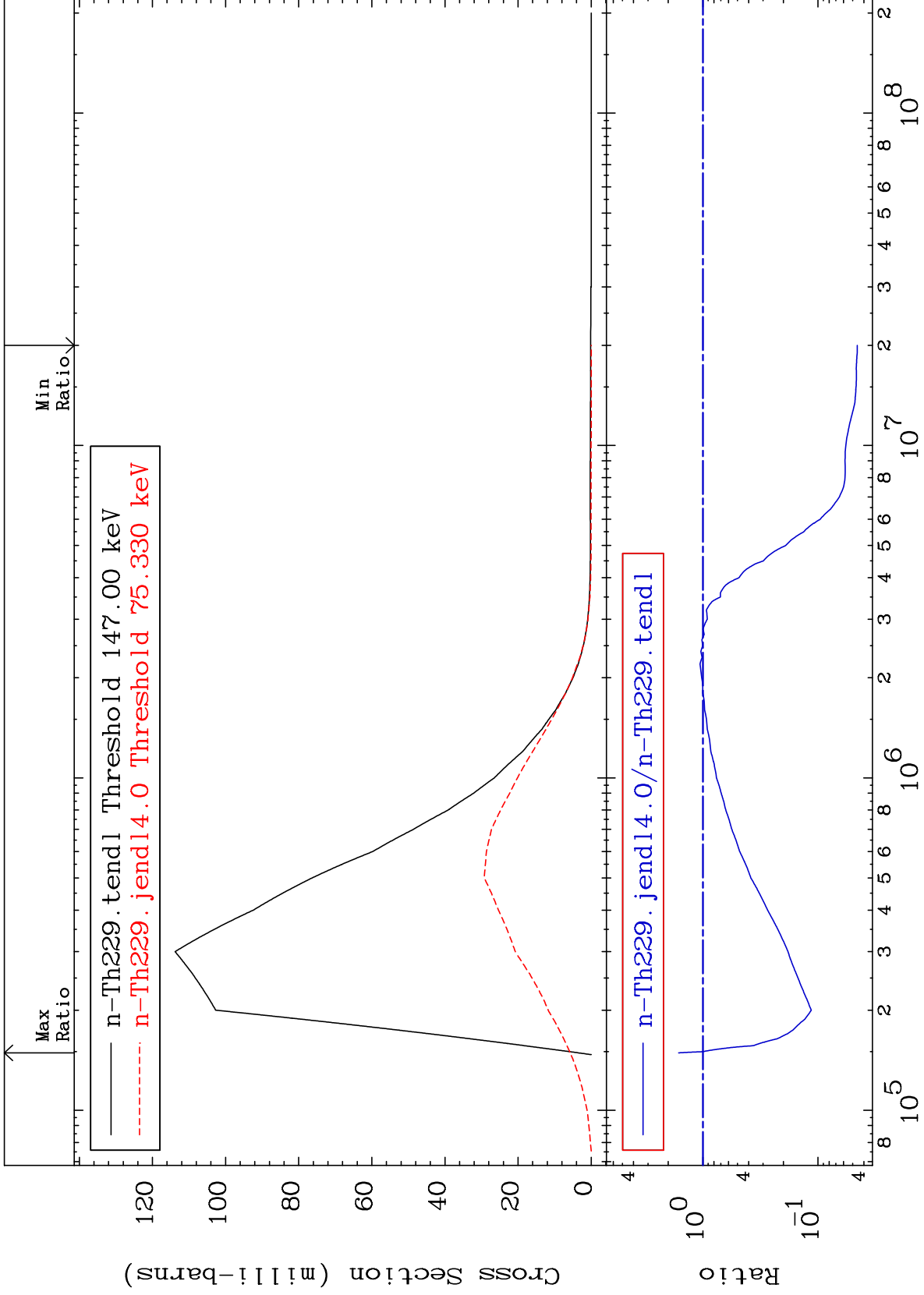
17

90-Th-229

MAT 9031

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

90-Th-229
-95.44 To 62.39 %



18

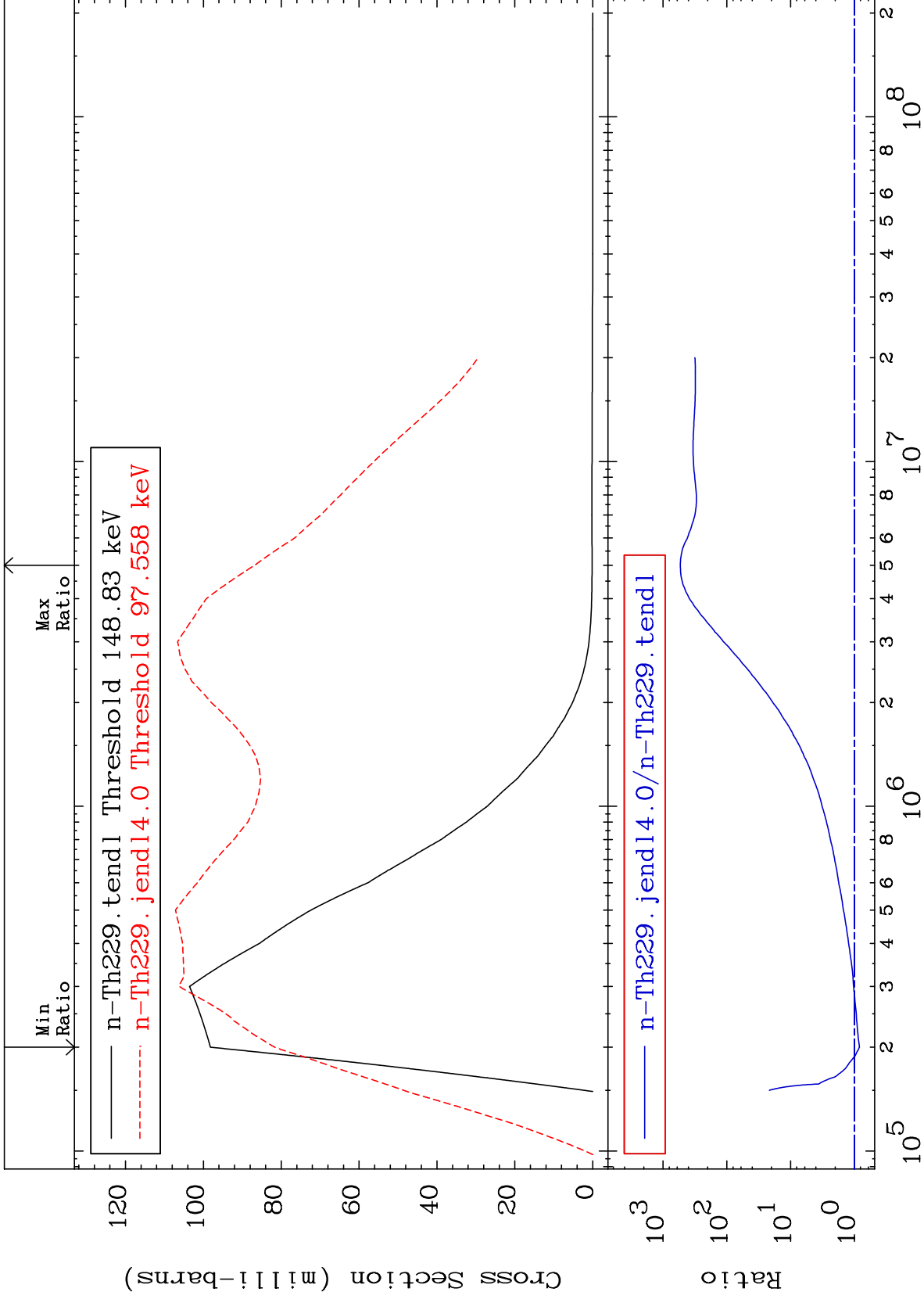
Incident Energy (eV)

90-Th-229

MAT 9031

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

90-Th-229
-16.79 To 9999. %



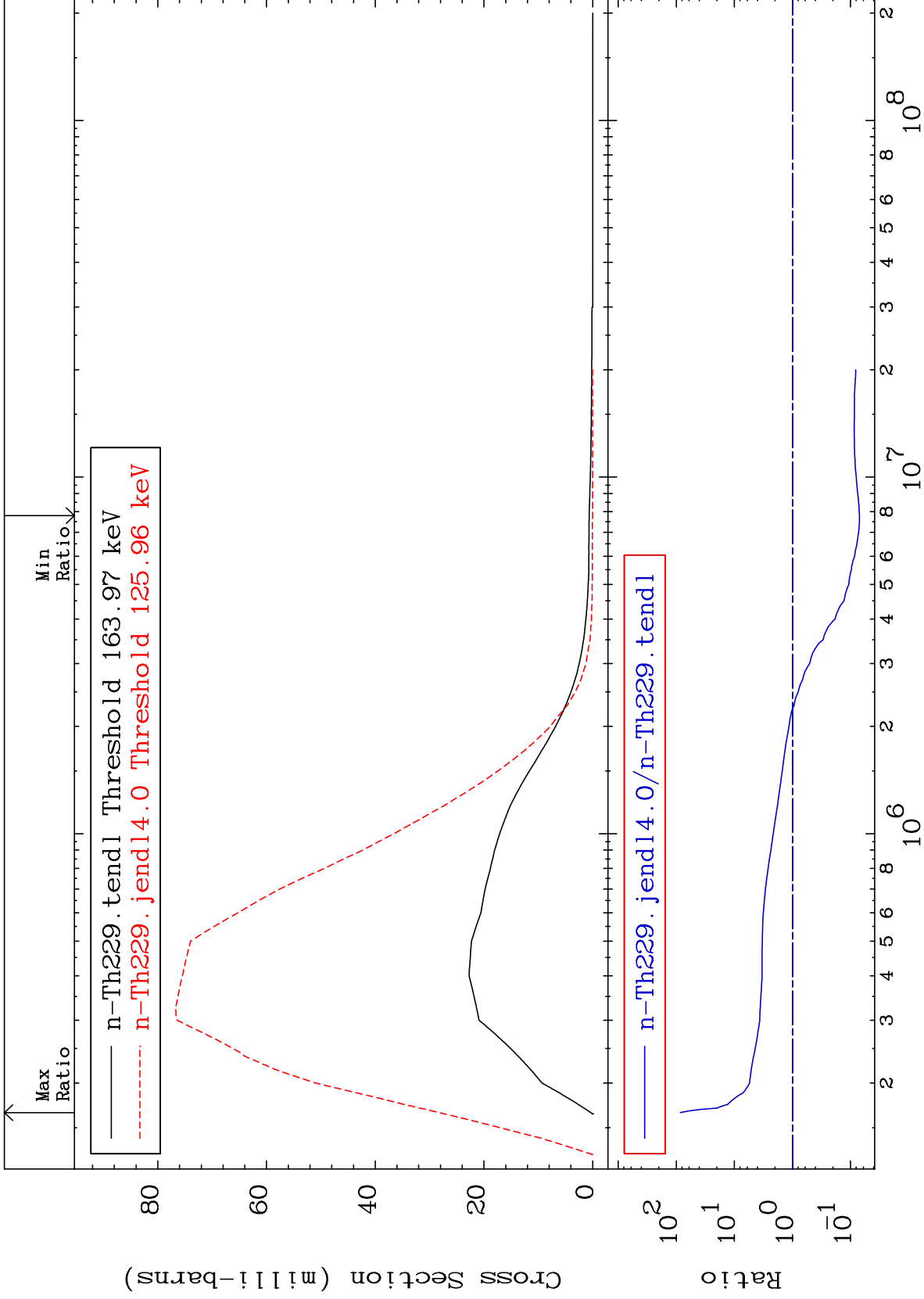
19

90-Th-229

MAT 9031

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

90-Th-229
-92.99 To 8400. %



20

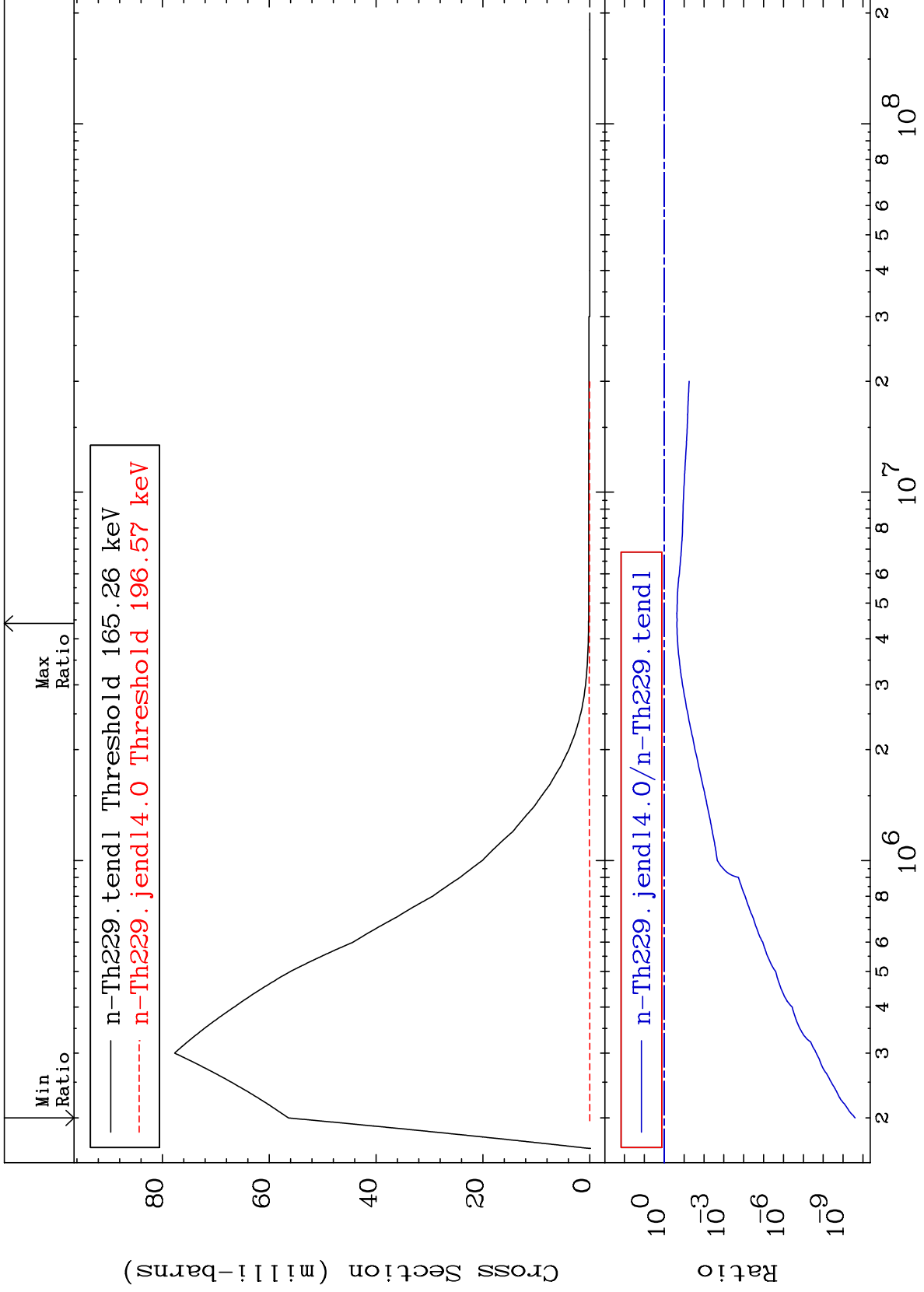
Incident Energy (eV)

90-Th-229

MAT 9031

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

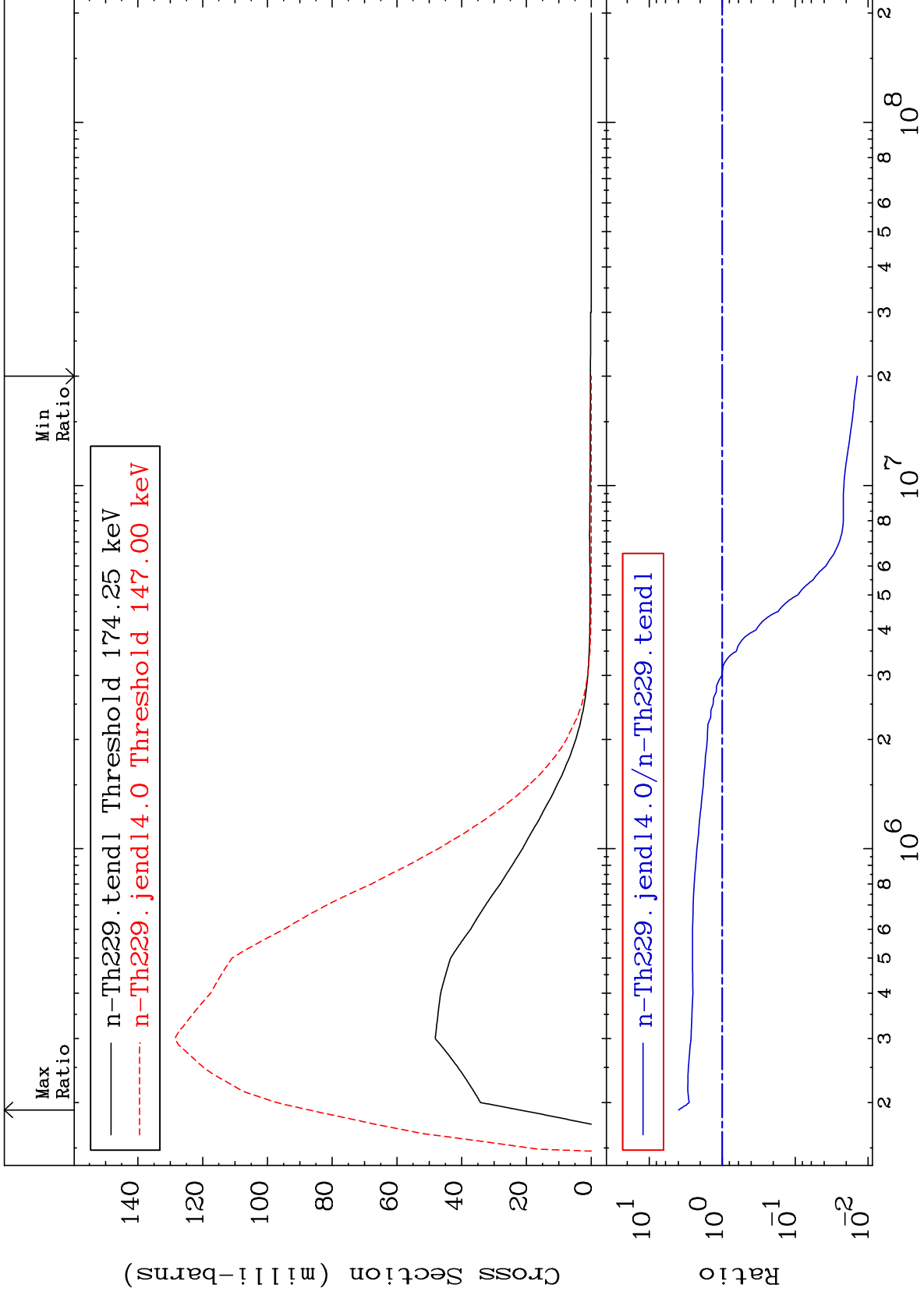
90-Th-229
-100.0 To -77.07%



MAT 9031

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

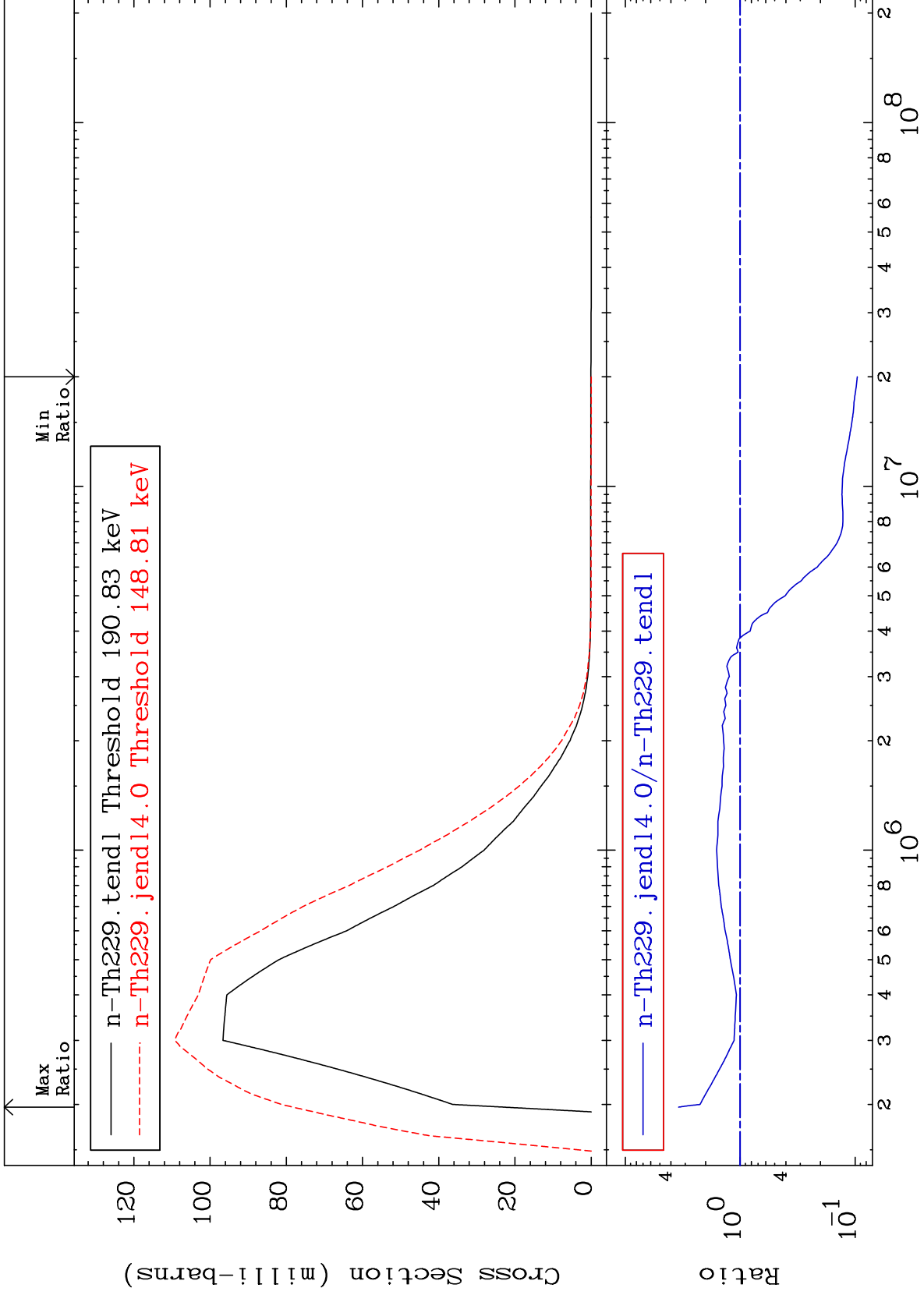
90-Th-229
-98.59 To 295.8 %



MAT 9031

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

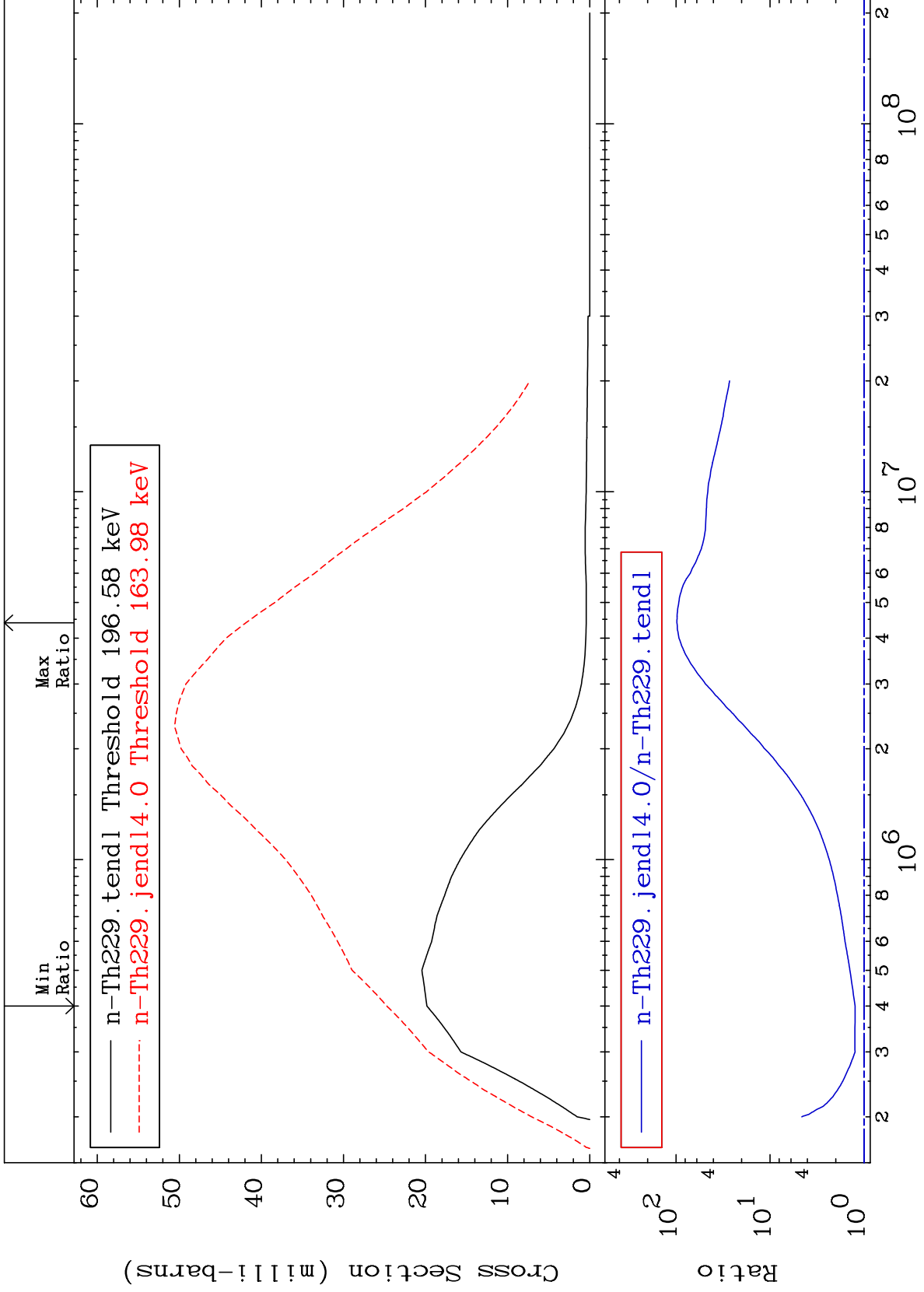
90-Th-229
-90.43 To 243.1 %



MAT 9031

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

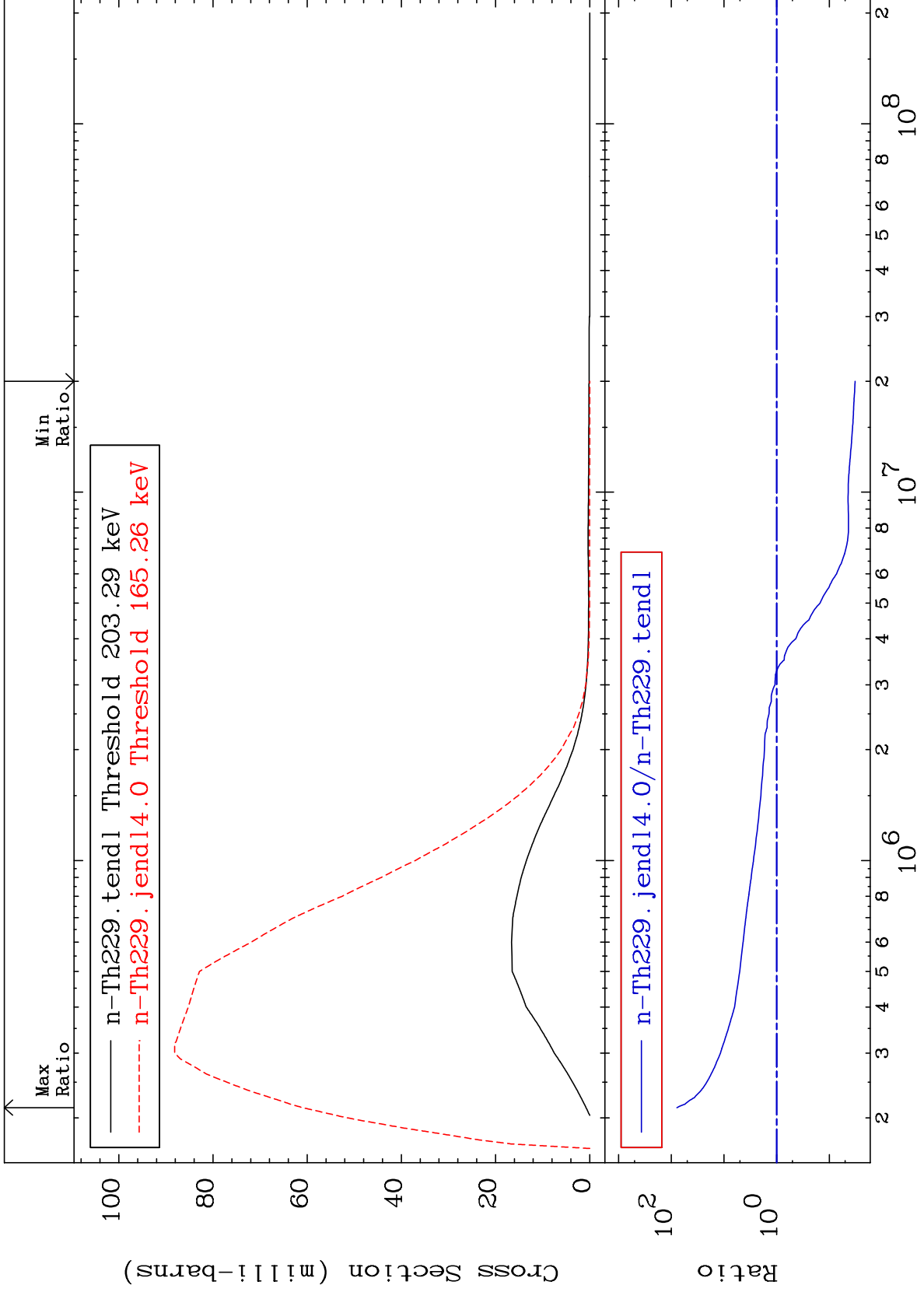
90-Th-229
24.65 To 9666. %



MAT 9031

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

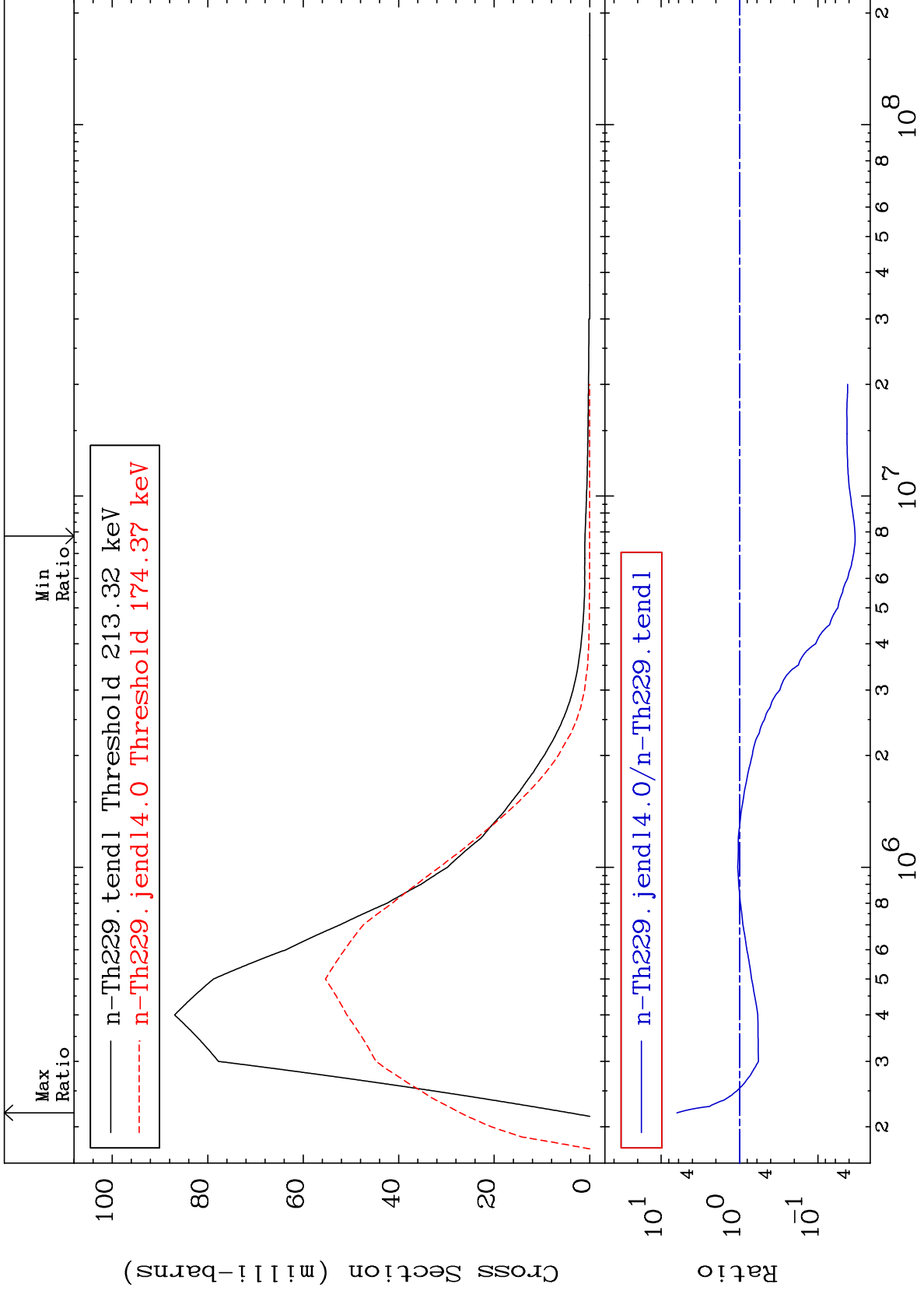
90-Th-229
-96.75 To 7734. %



MAT 9031

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

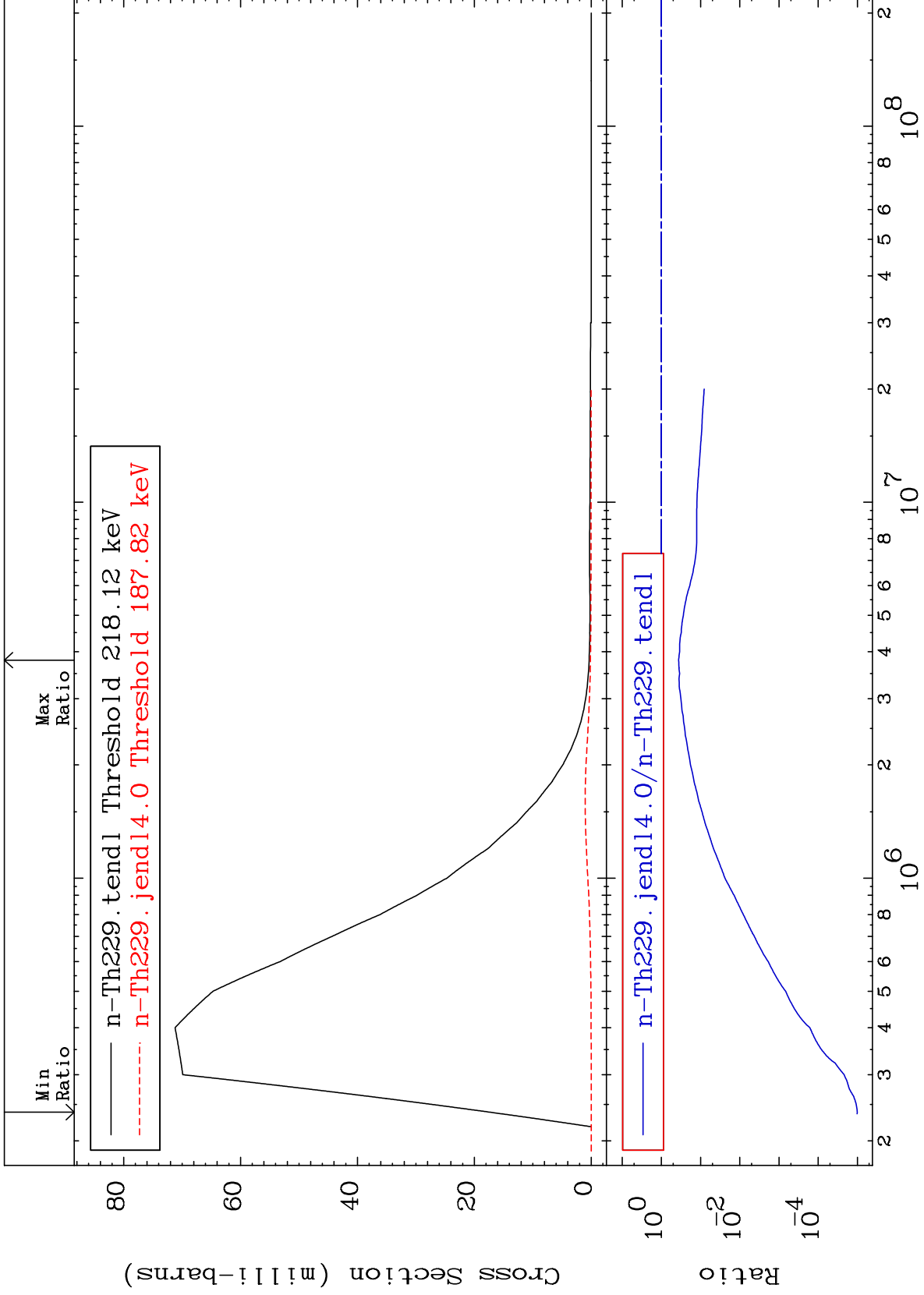
90-Th-229
-96.65 To 530.0 %



MAT 9031

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

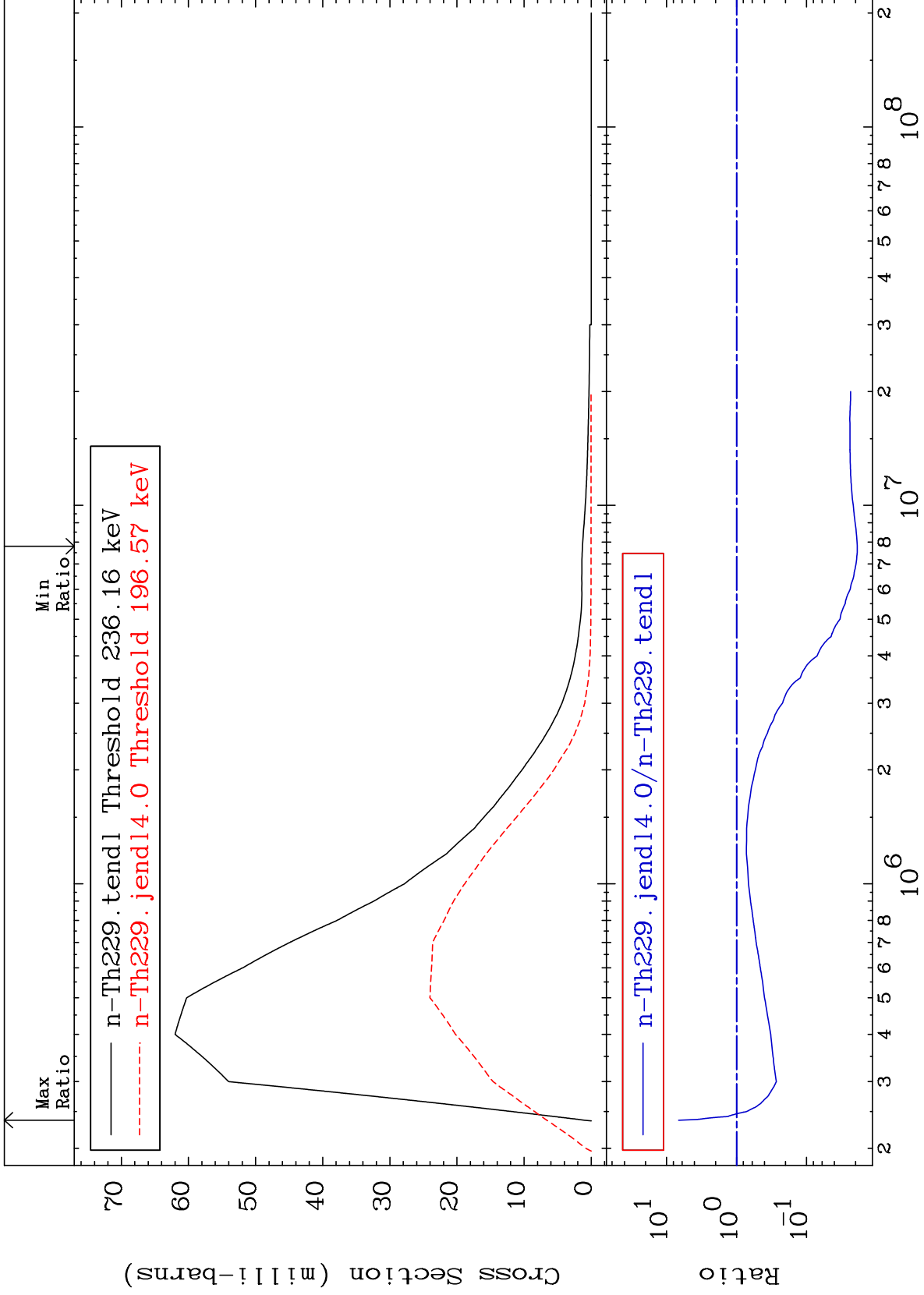
90-Th-229
-100.0 To -63.64%



MAT 9031

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

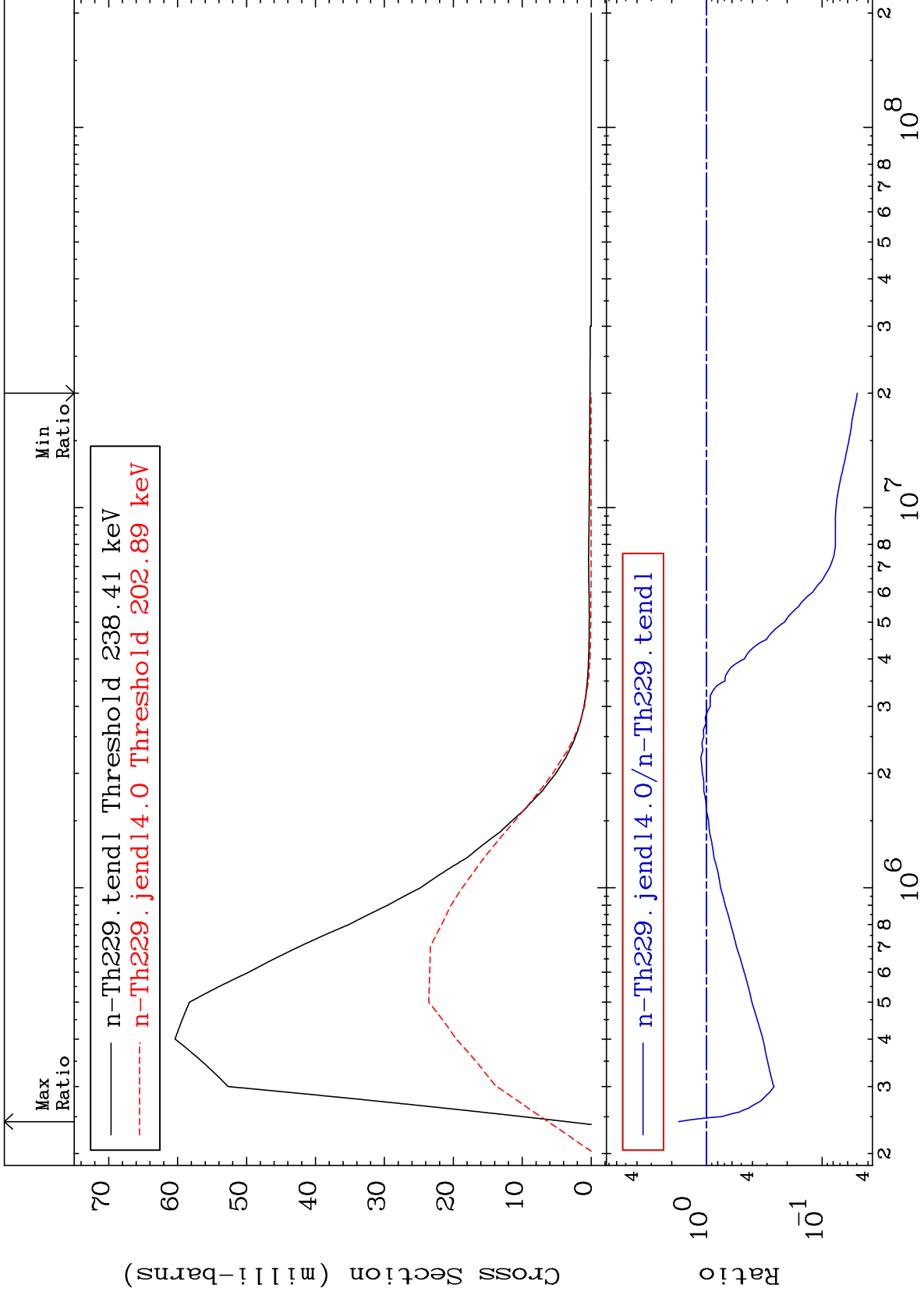
90-Th-229
-98.11 To 572.7 %



MAT 9031

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

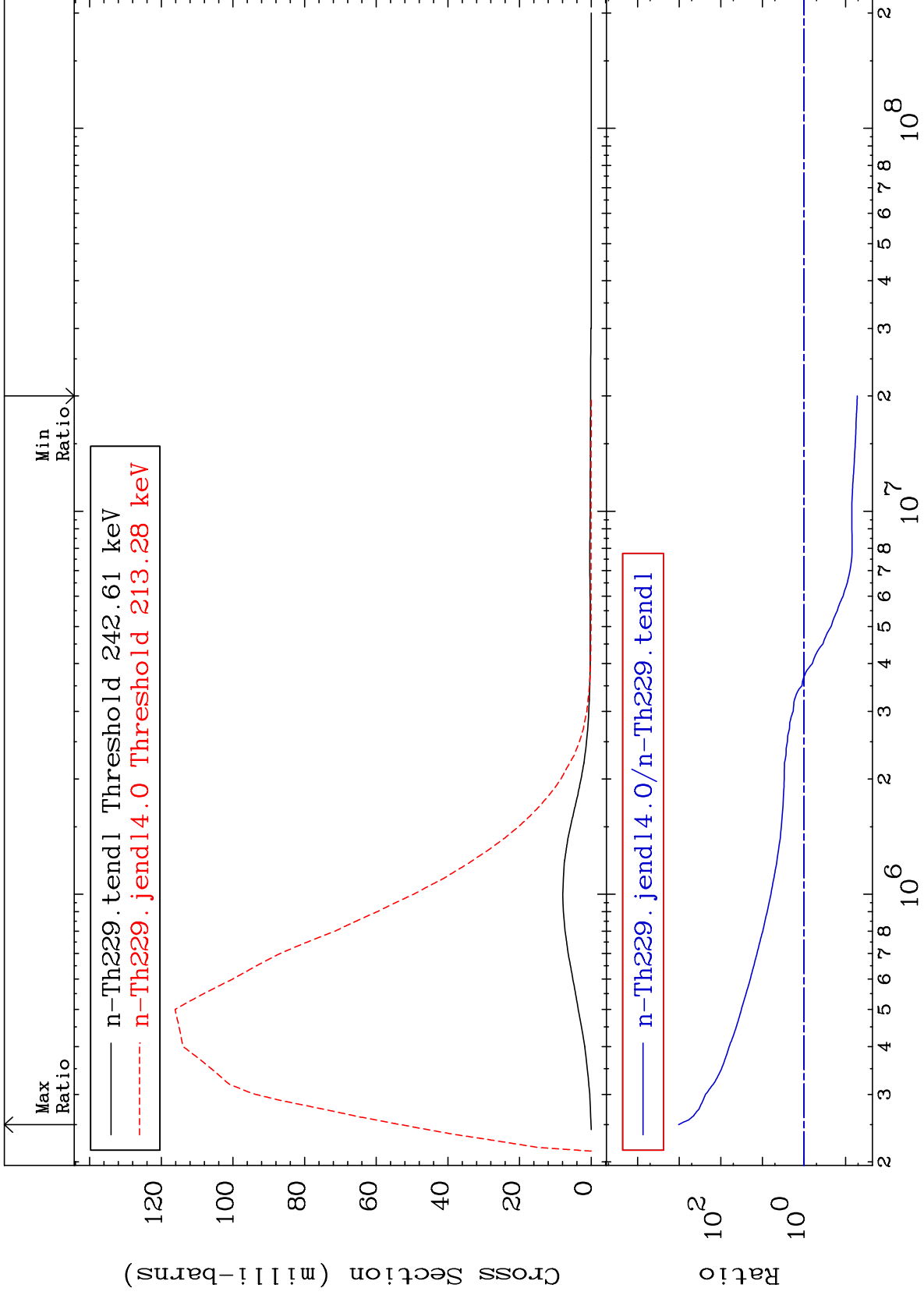
90-Th-229
-95.05 To 74.16 %



MAT 9031

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

90-Th-229
-94.74 To 9999. %



30

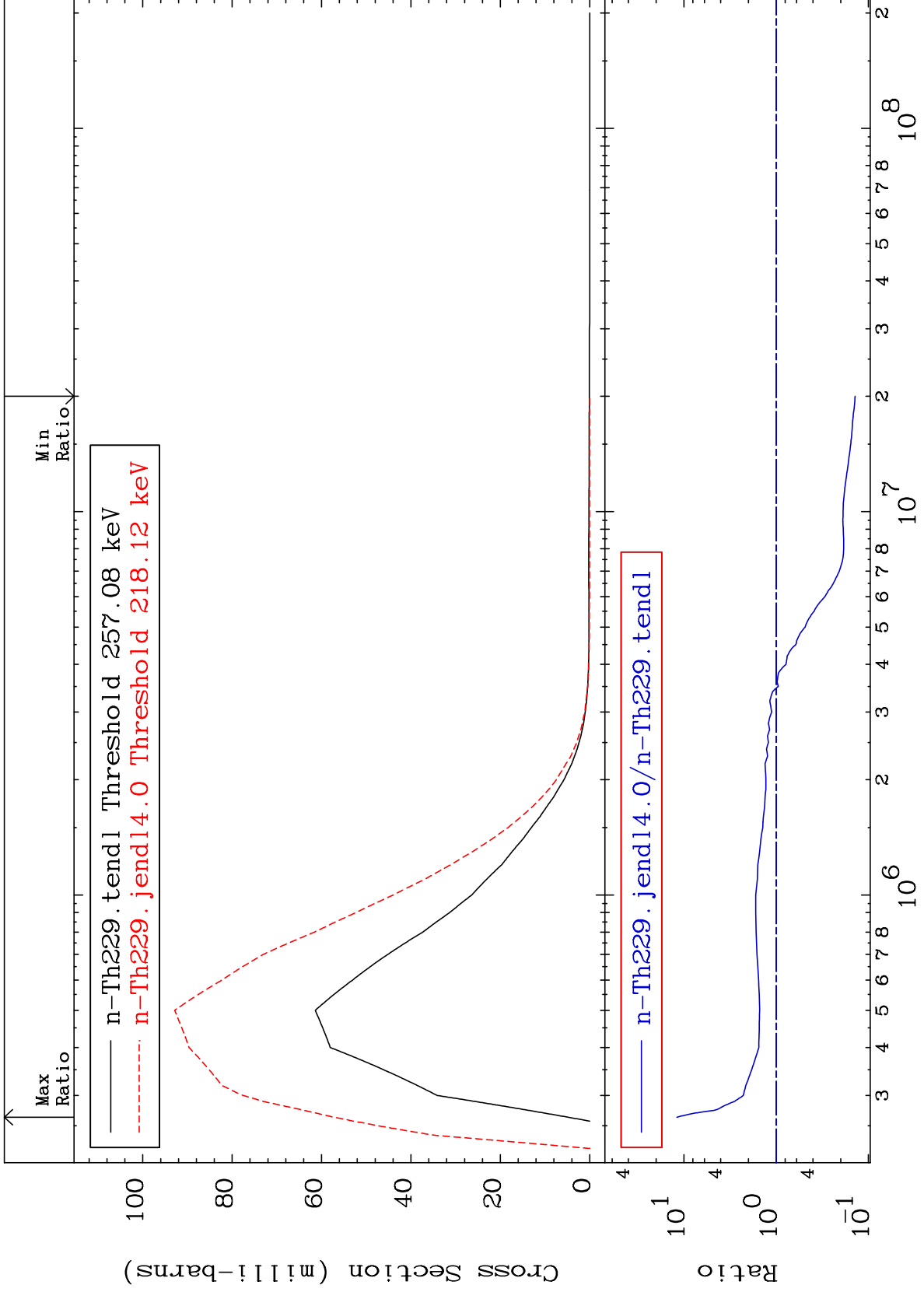
Incident Energy (eV)

90-Th-229

MAT 9031

MT= 70 (n,n') Level
Cross Section

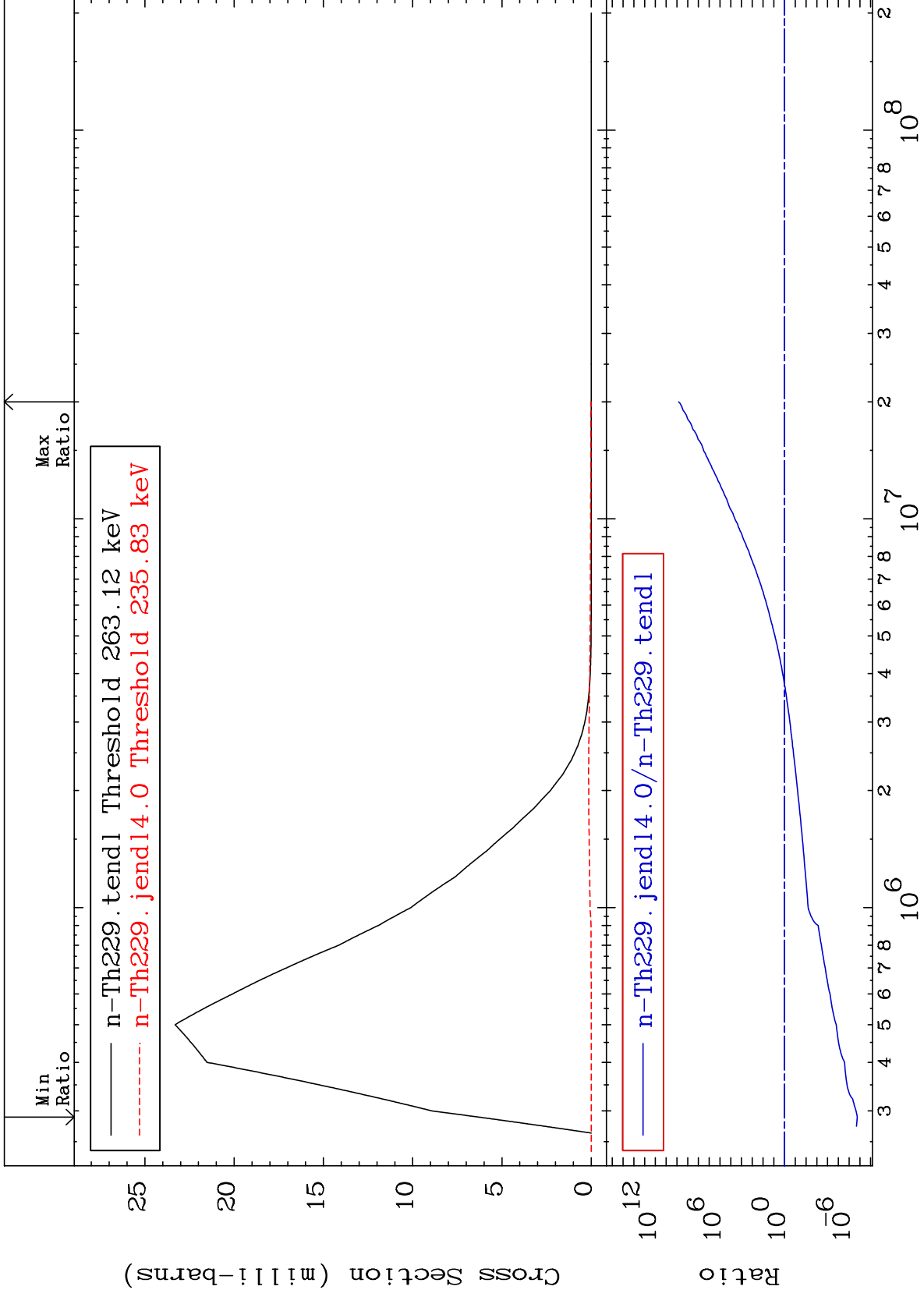
90-Th-229
-86.04 To 1091. %



MAT 9031

MT= 71 (n,n') Level
Cross Section

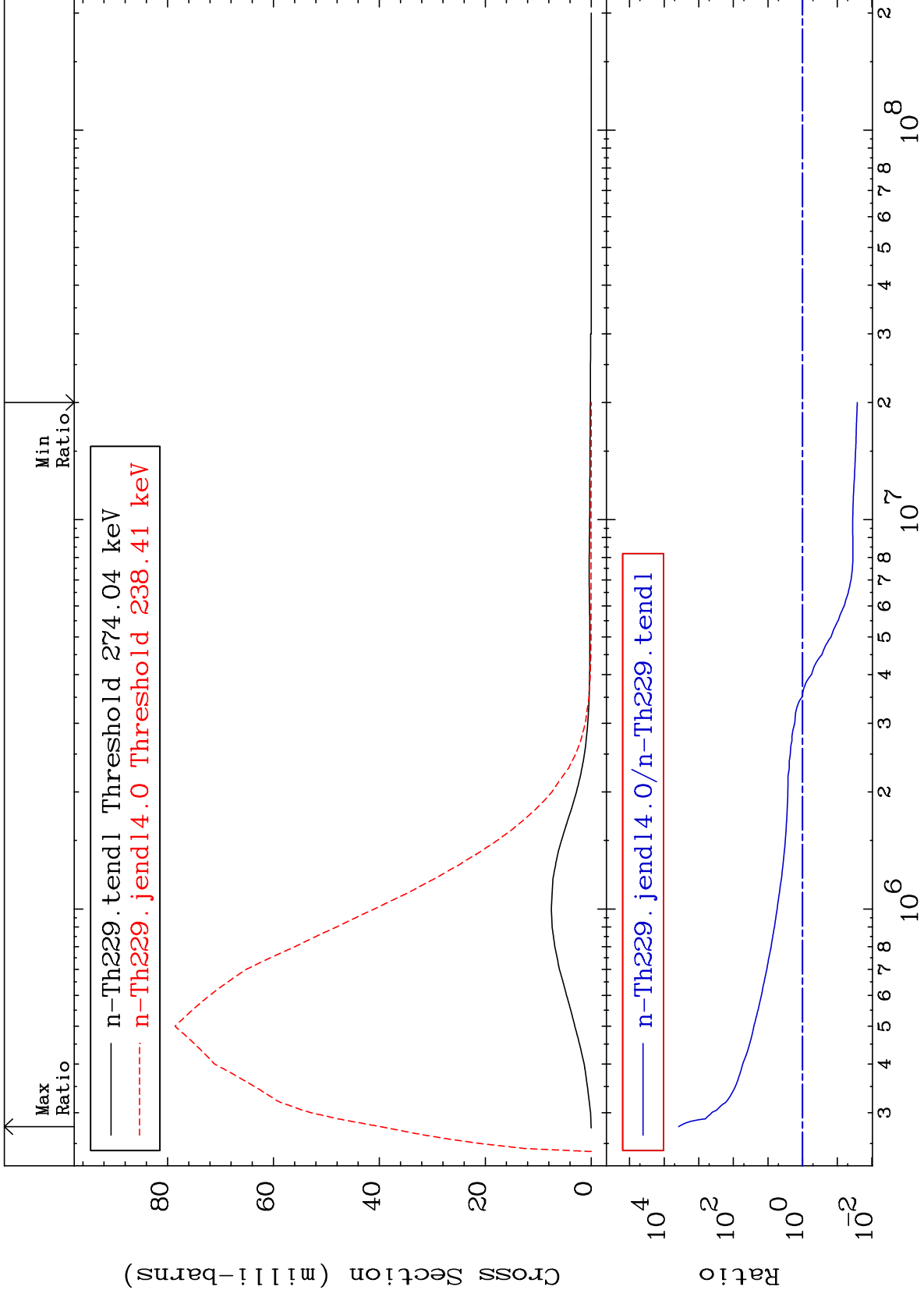
90-Th-229
-100.0 To 9999. %



MAT 9031

MT= 72 (n,n') Level
Cross Section

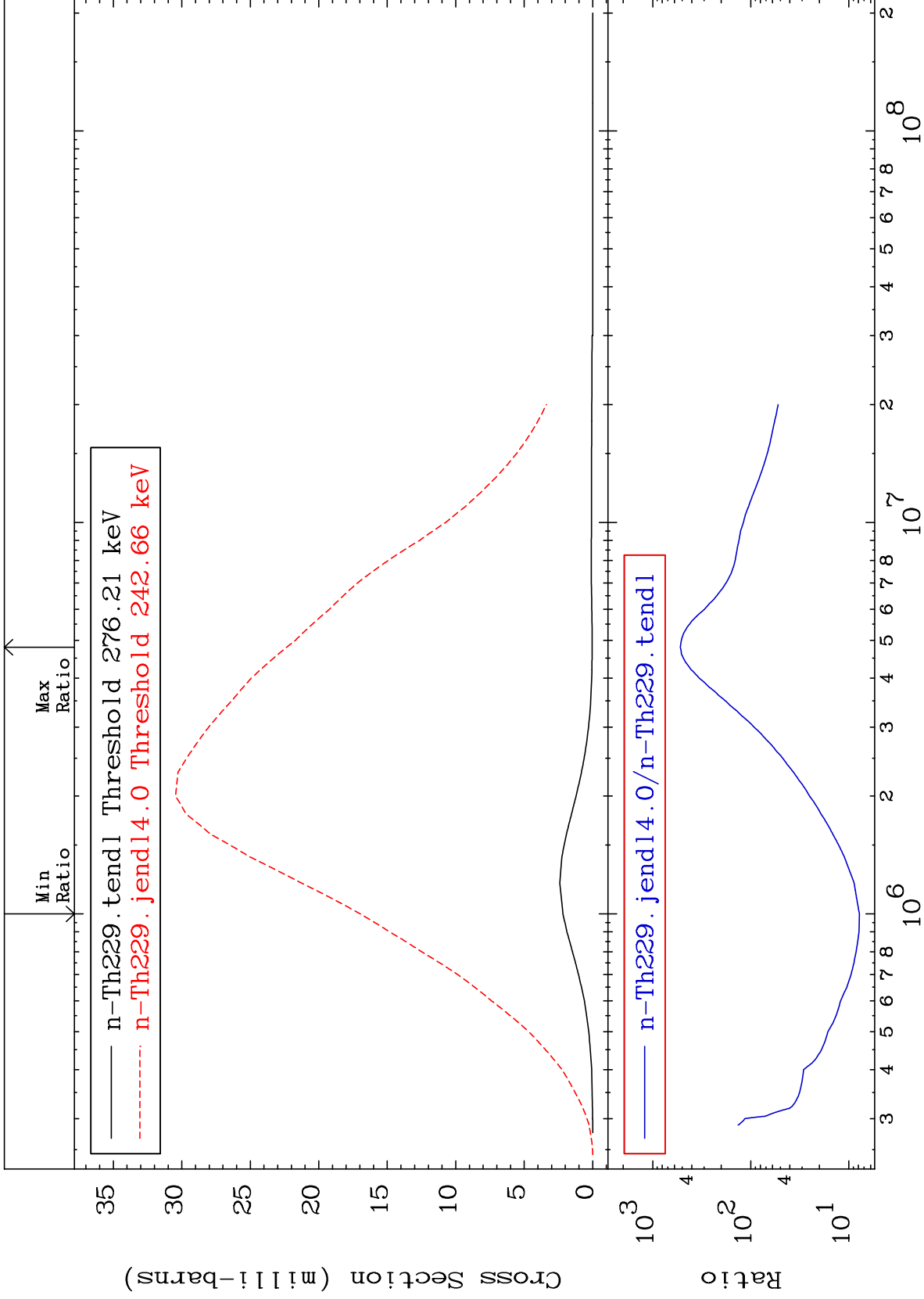
90-Th-229
-97.36 To 9999. %



MAT 9031

MT= 73 (n,n') Level
Cross Section

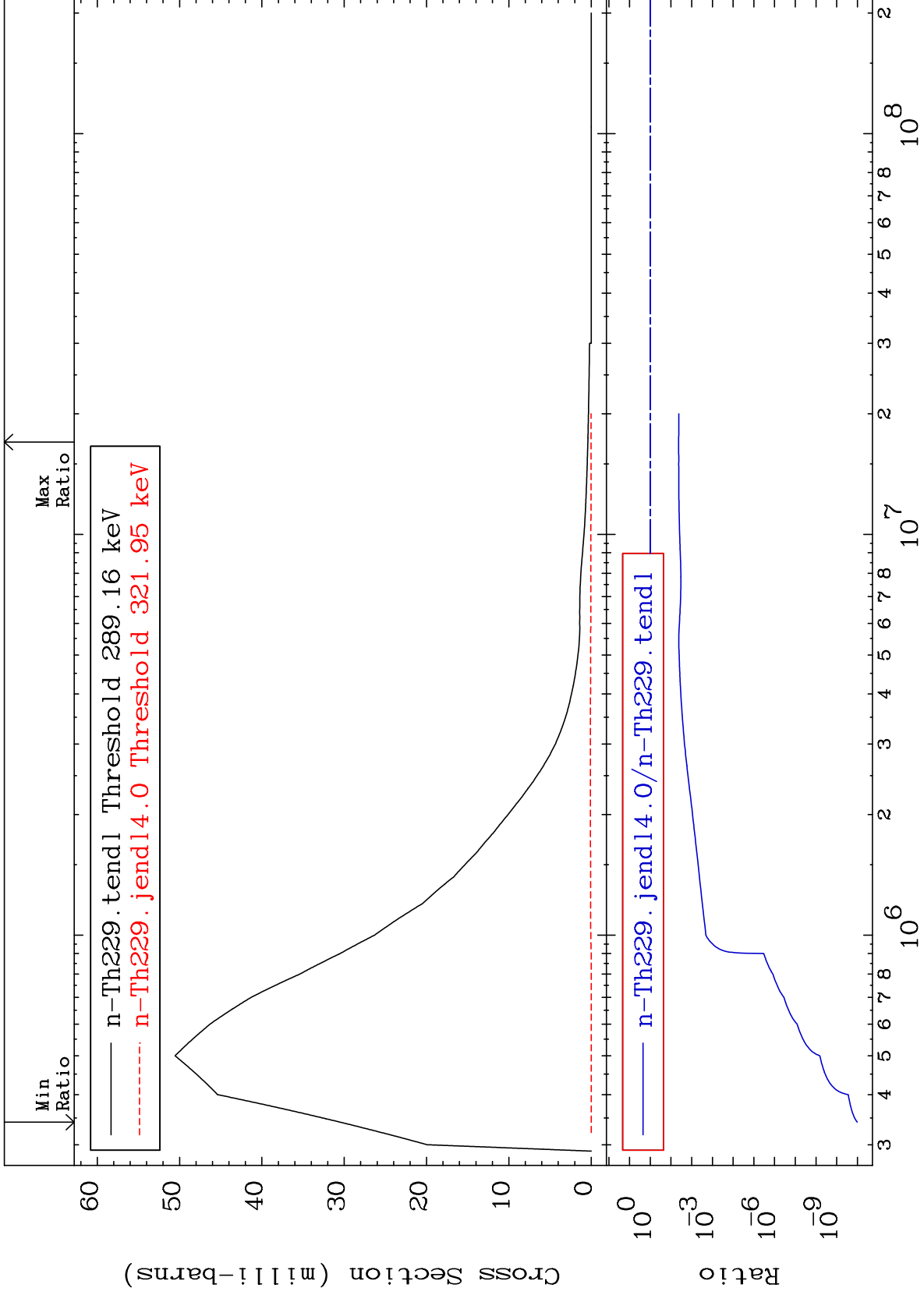
680.8 To 9999. %
90-Th-229



MAT 9031

MT= 74 (n,n') Level
Cross Section

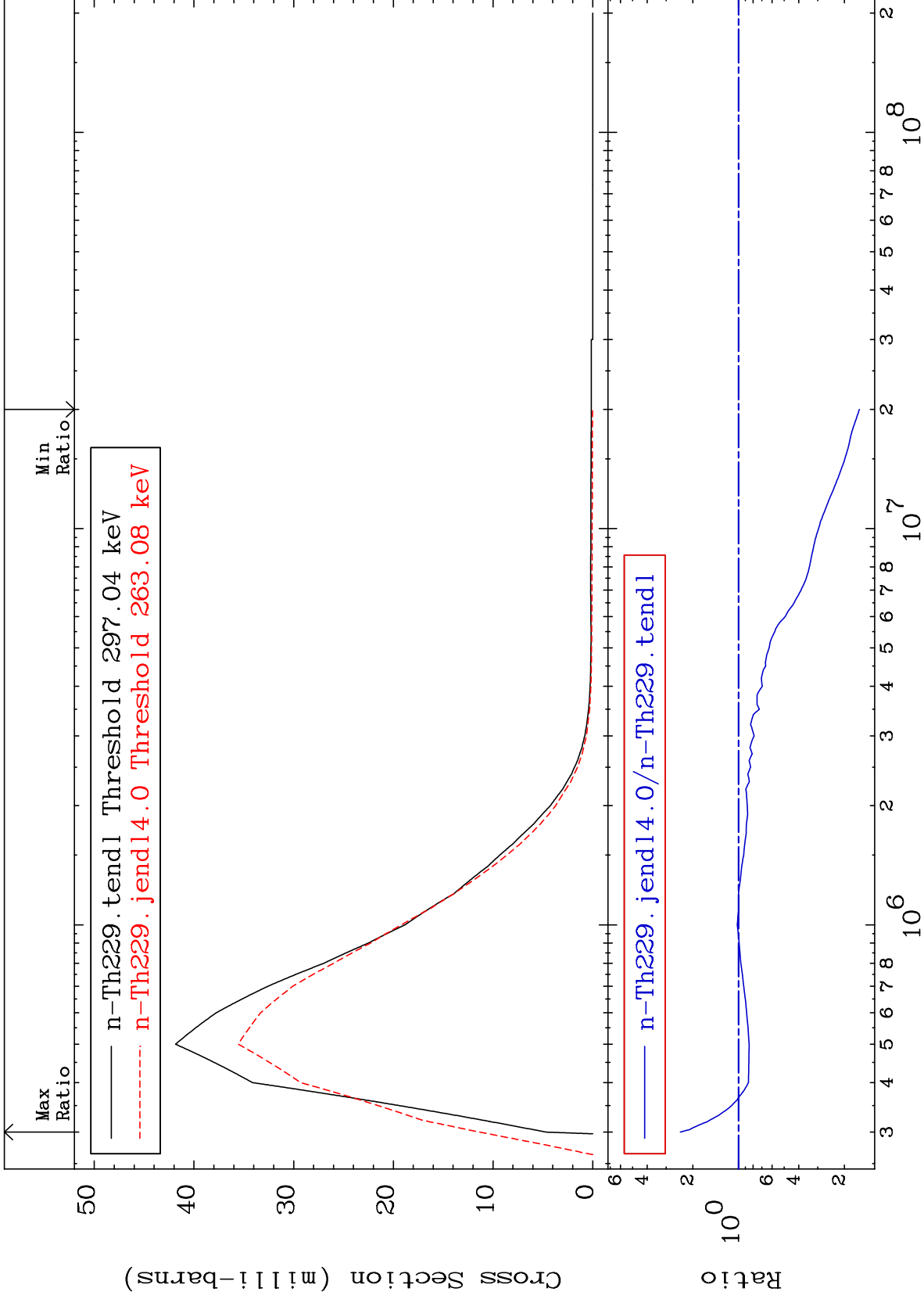
90-Th-229
-100.0 To -95.72%



MAT 9031

MT= 75 (n,n') Level
Cross Section

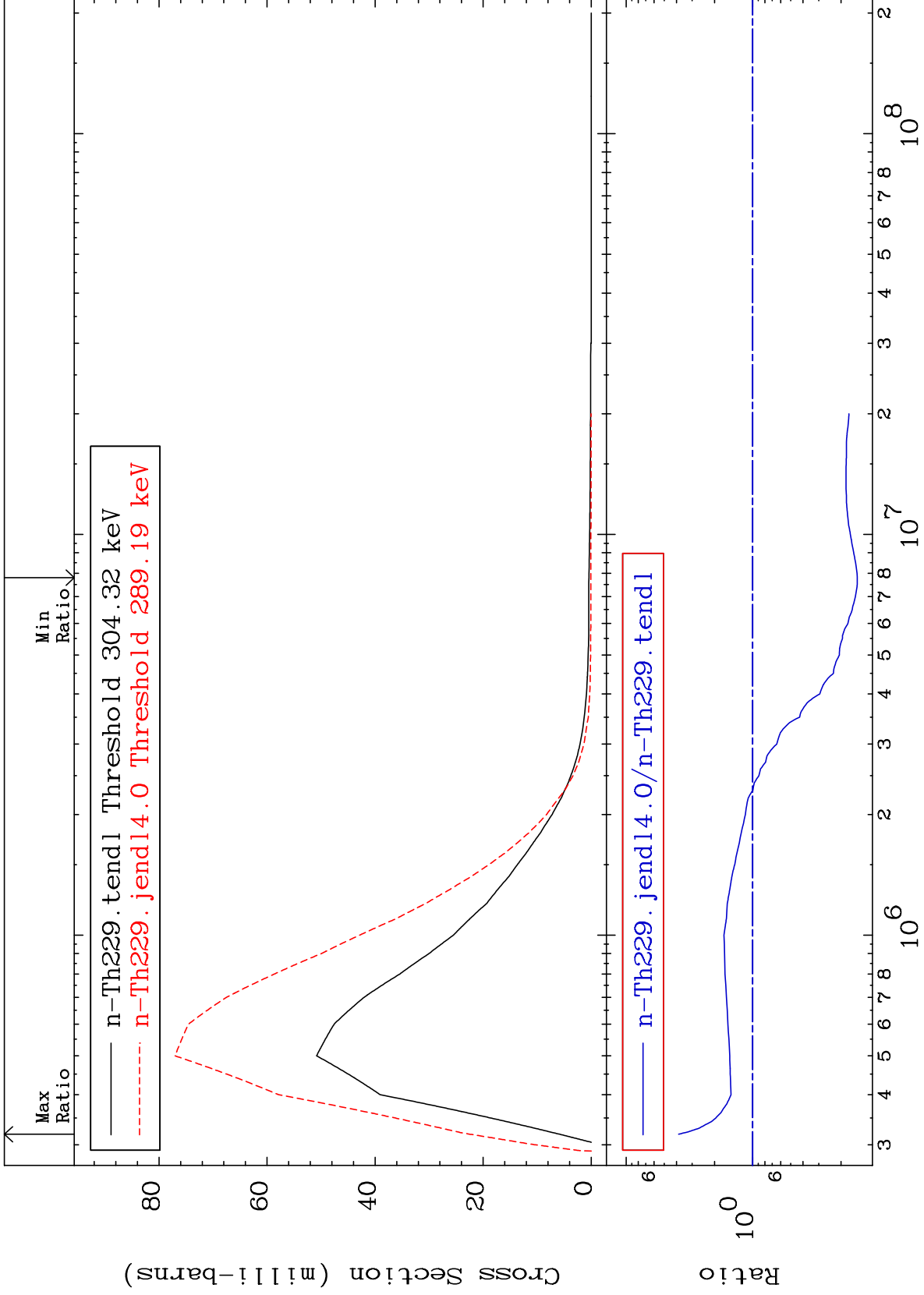
90-Th-229
-84.09 To 141.6 %



MAT 9031

MT= 76 (n,n') Level
Cross Section

90-Th-229
-85.14 To 284.1 %



37

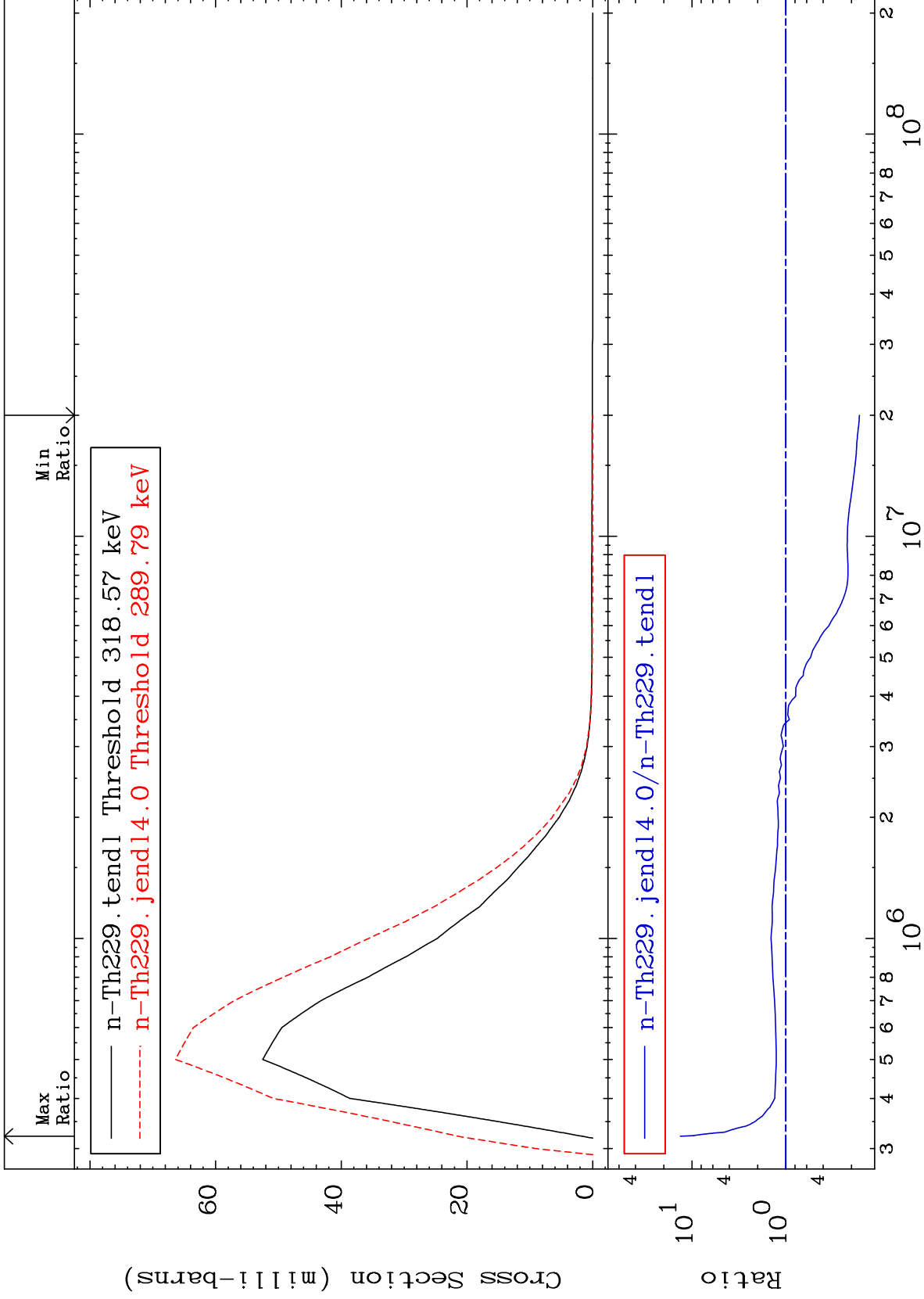
Incident Energy (eV)

90-Th-229

MAT 9031

MT= 77 (n,n') Level
Cross Section

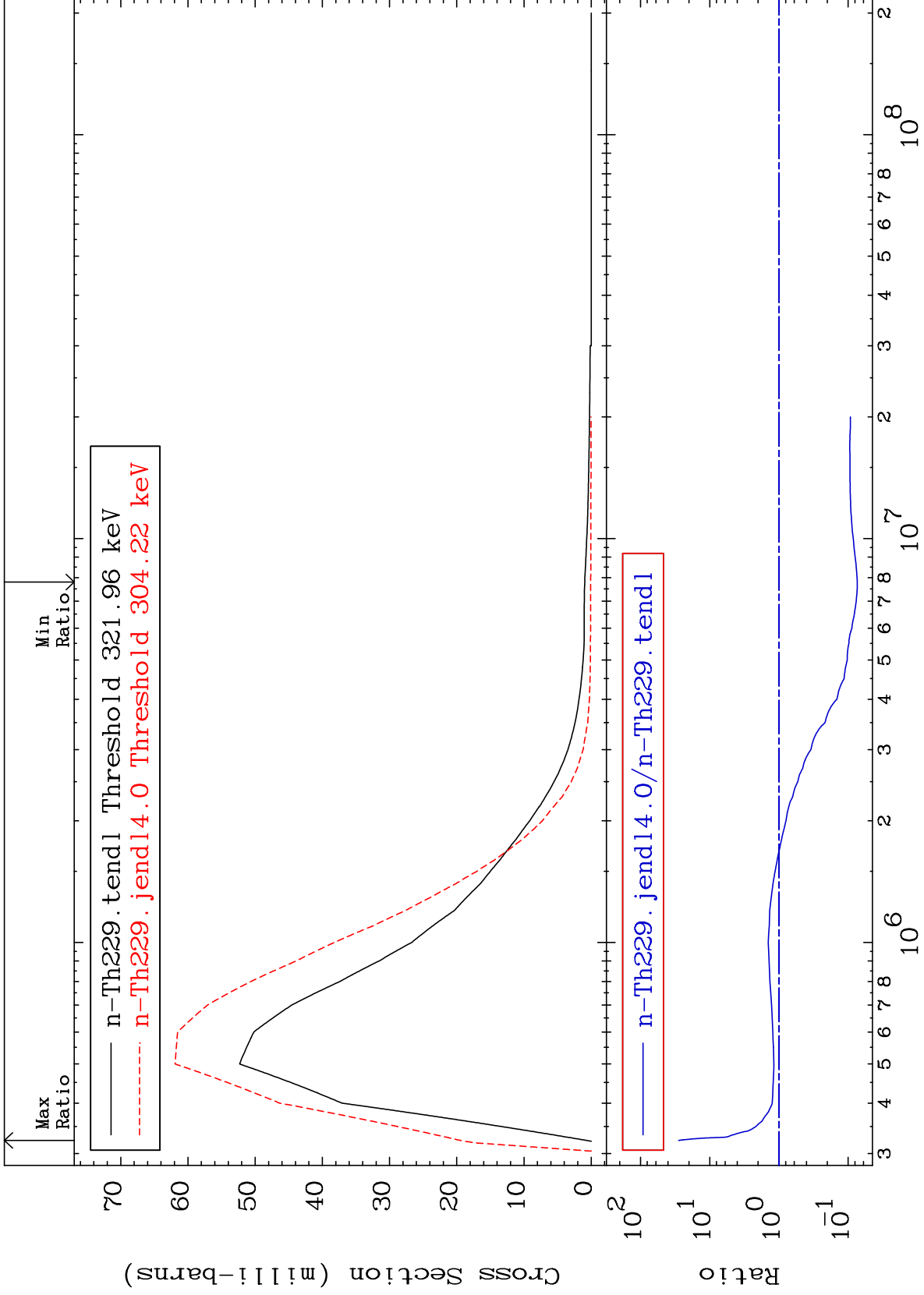
90-Th-229
-83.54 To 1231. %



MAT 9031

MT= 78 (n,n') Level
Cross Section

90-Th-229
-92.61 To 2714. %



39

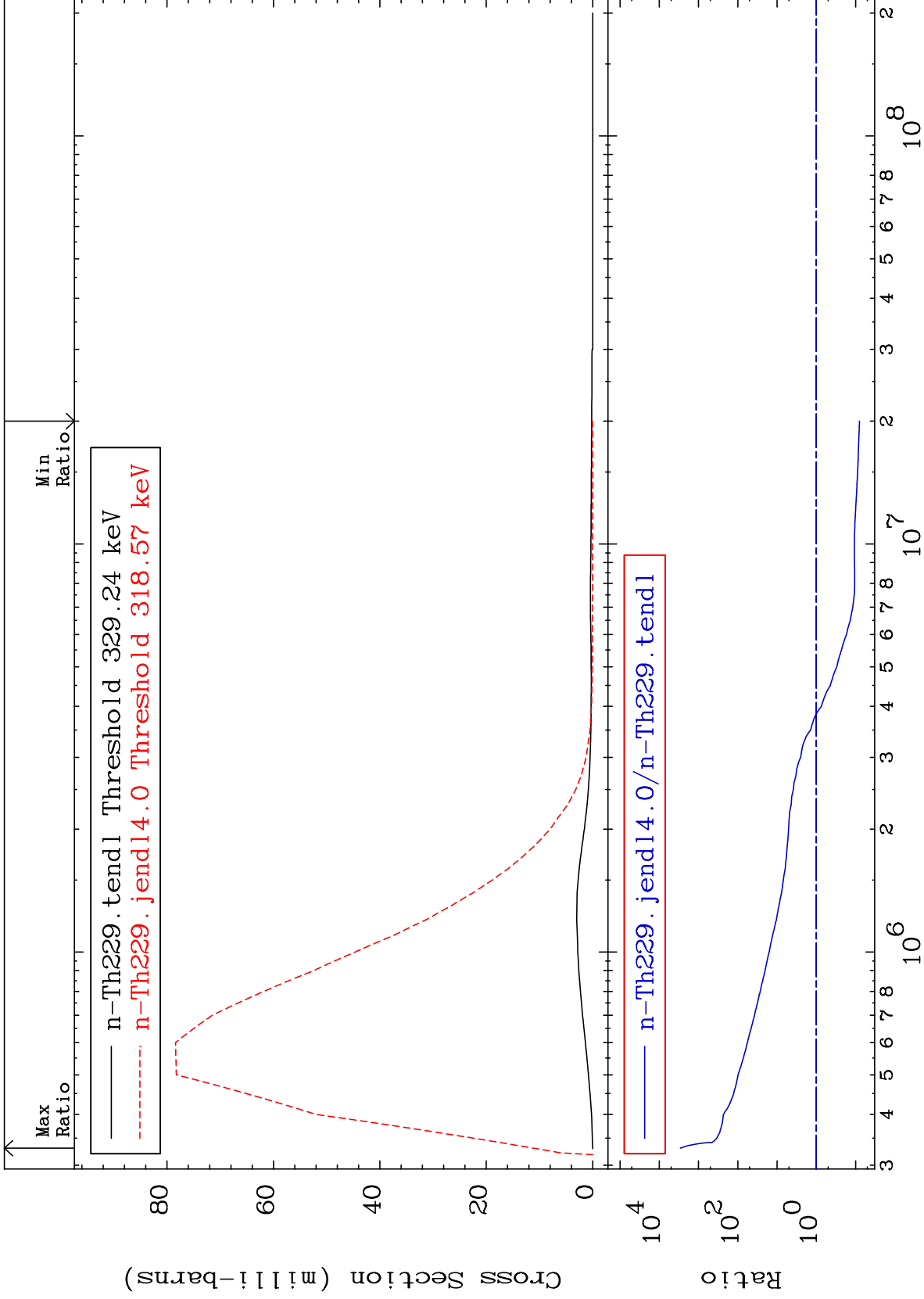
Incident Energy (eV)

90-Th-229

MAT 9031

MT= 79 (n,n') Level
Cross Section

90-Th-229
-92.01 To 9999. %



40

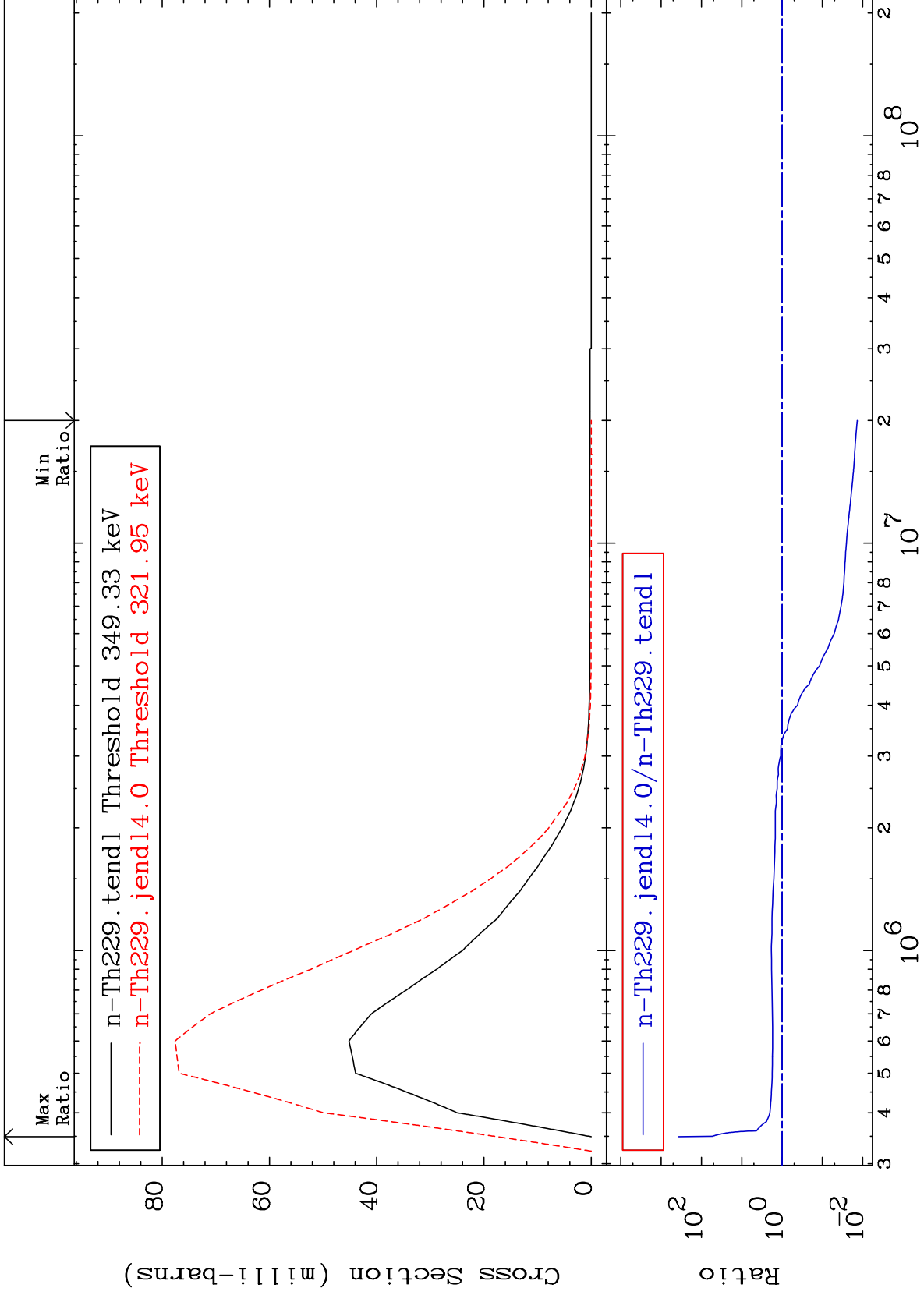
Incident Energy (eV)

90-Th-229

MAT 9031

MT= 80 (n,n') Level
Cross Section

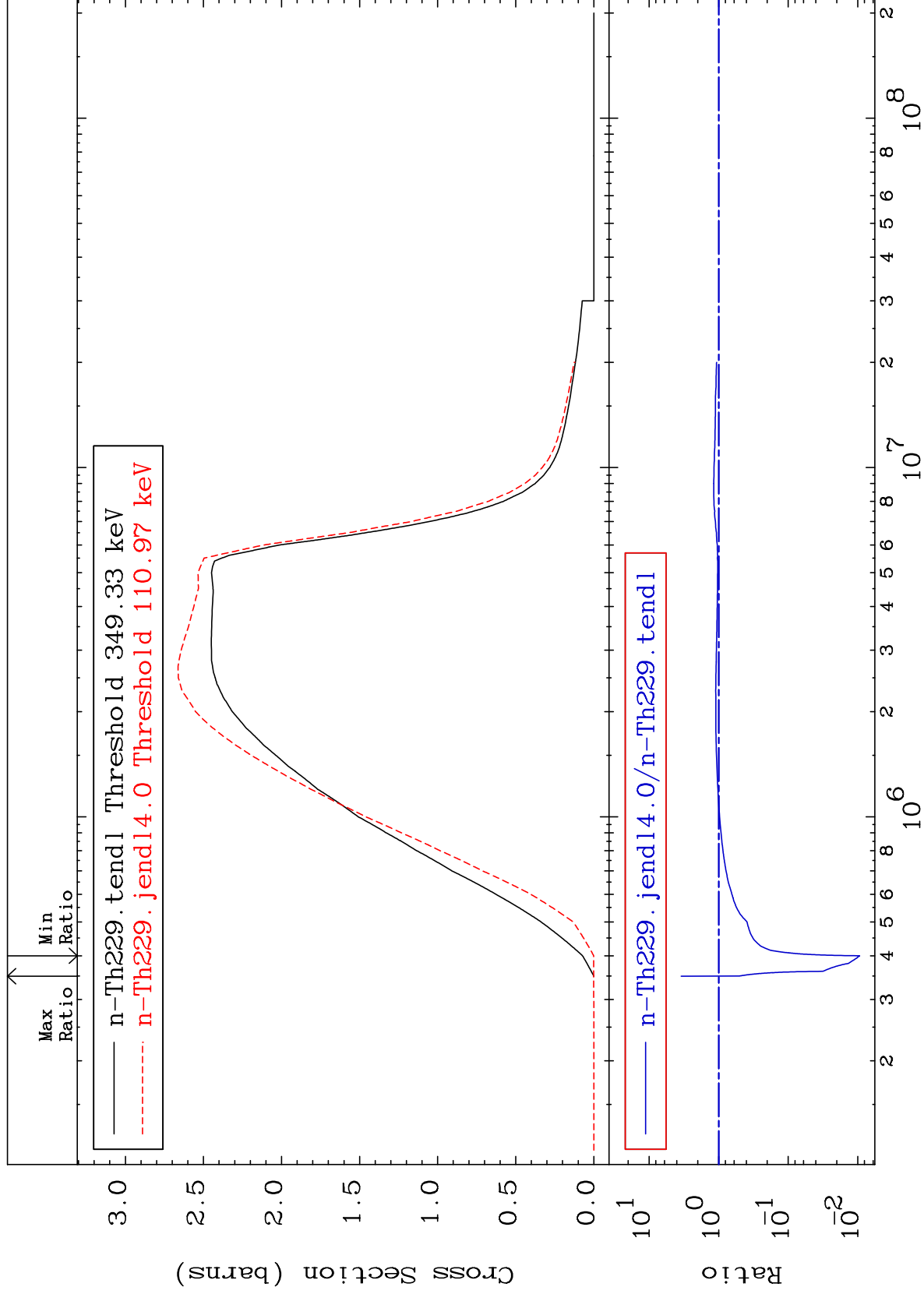
90-Th-229
-98.63 To 9999. %



MAT 9031

(n, n') Continuum
Cross Section

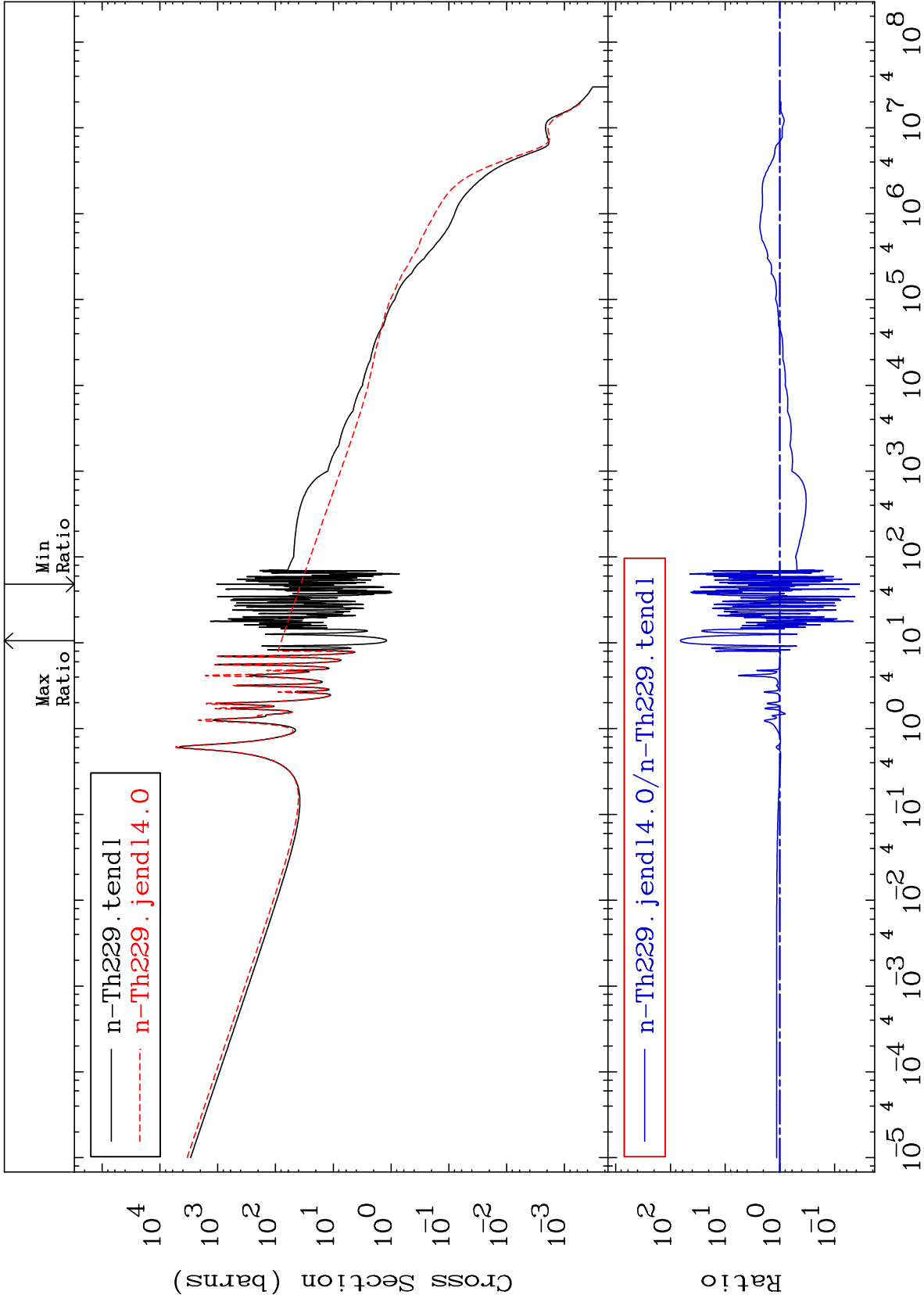
90-Th-229
-99.06 To 246.0 %

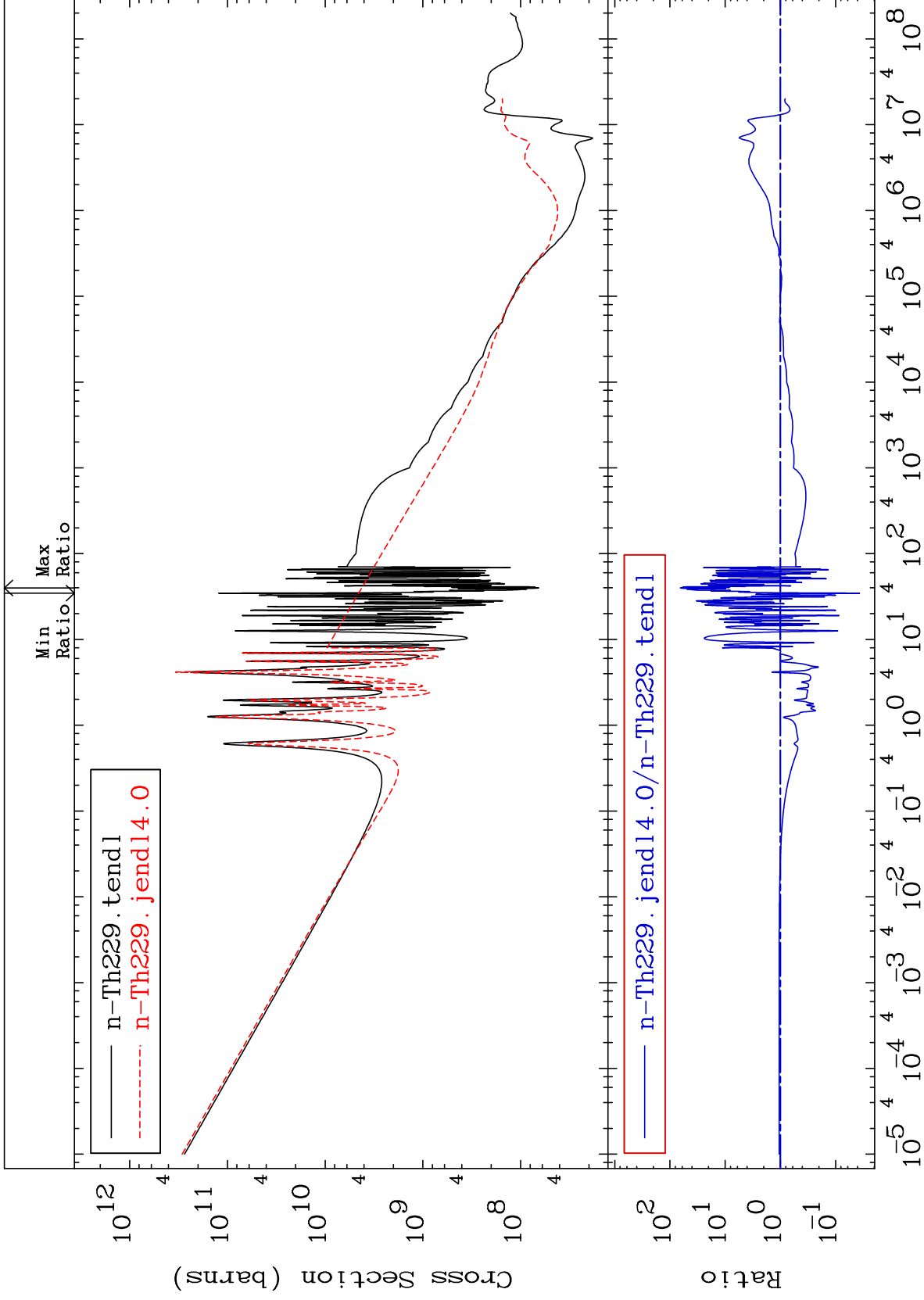


MAT 9031

90-Th-229
-96.48 To 6490. %

(n, γ)
Cross Section

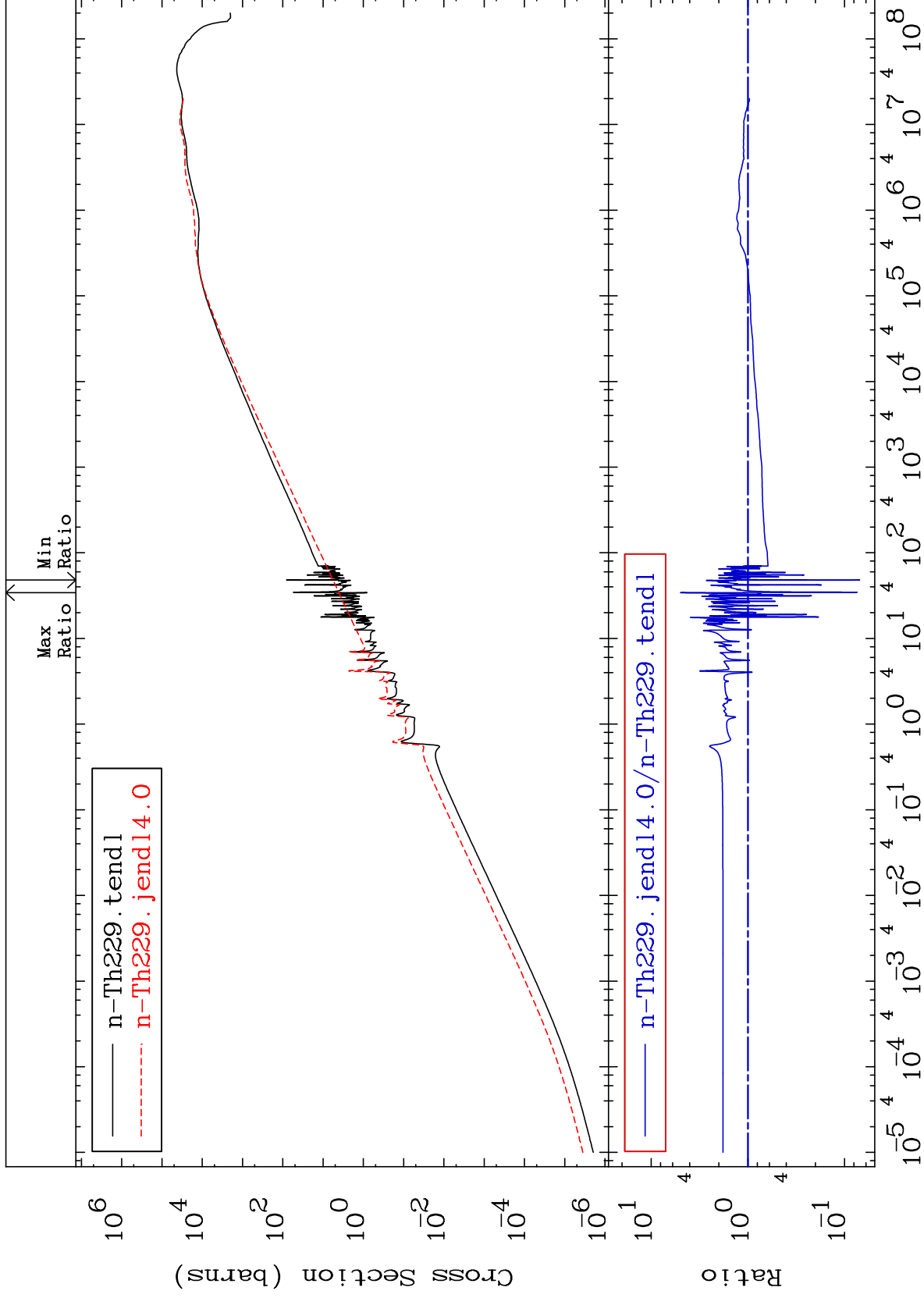




MAT 9031

Kerma elastic
Cross Section

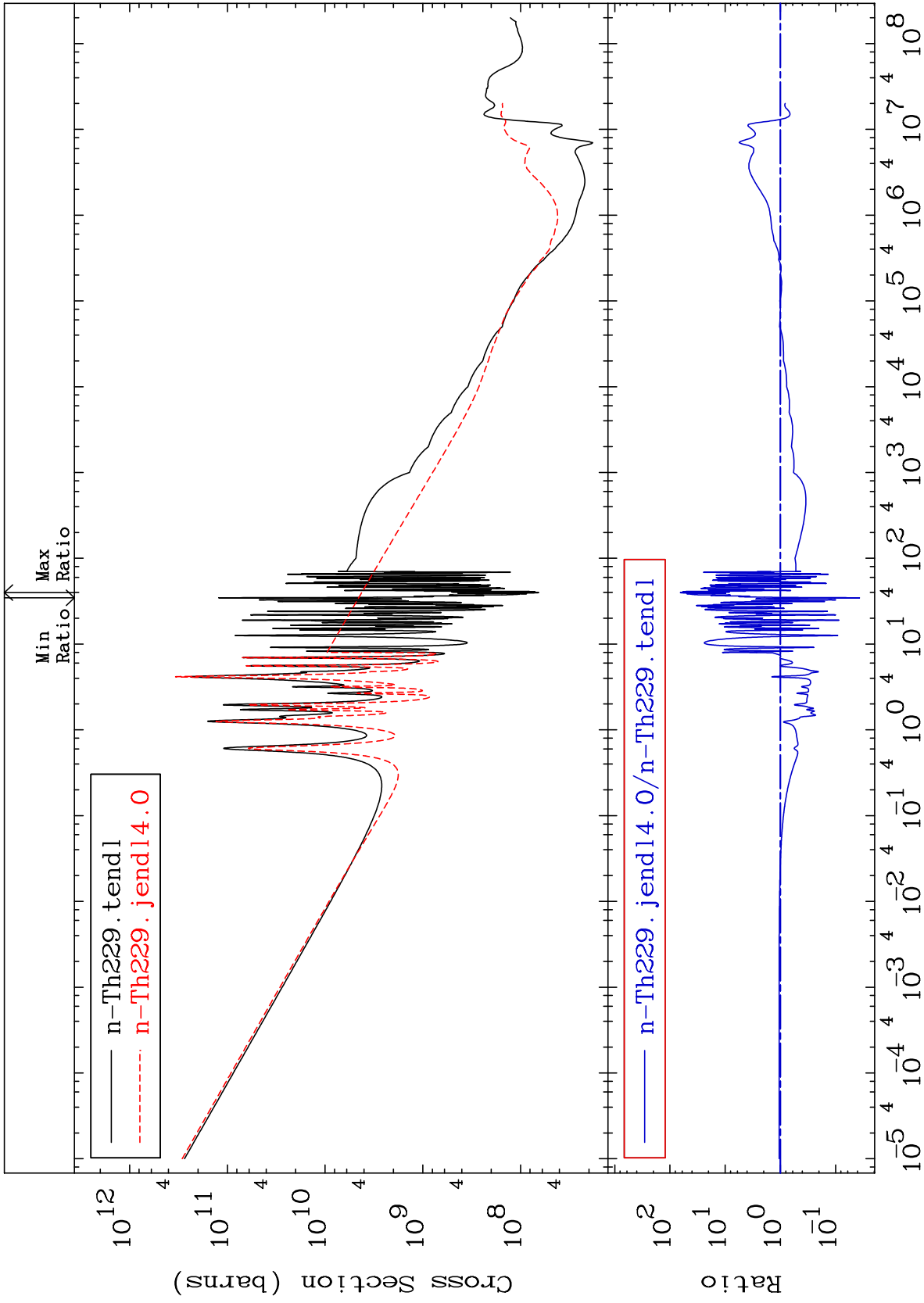
90-Th-229
-92.99 To 394.2 %



45

Incident Energy (eV)

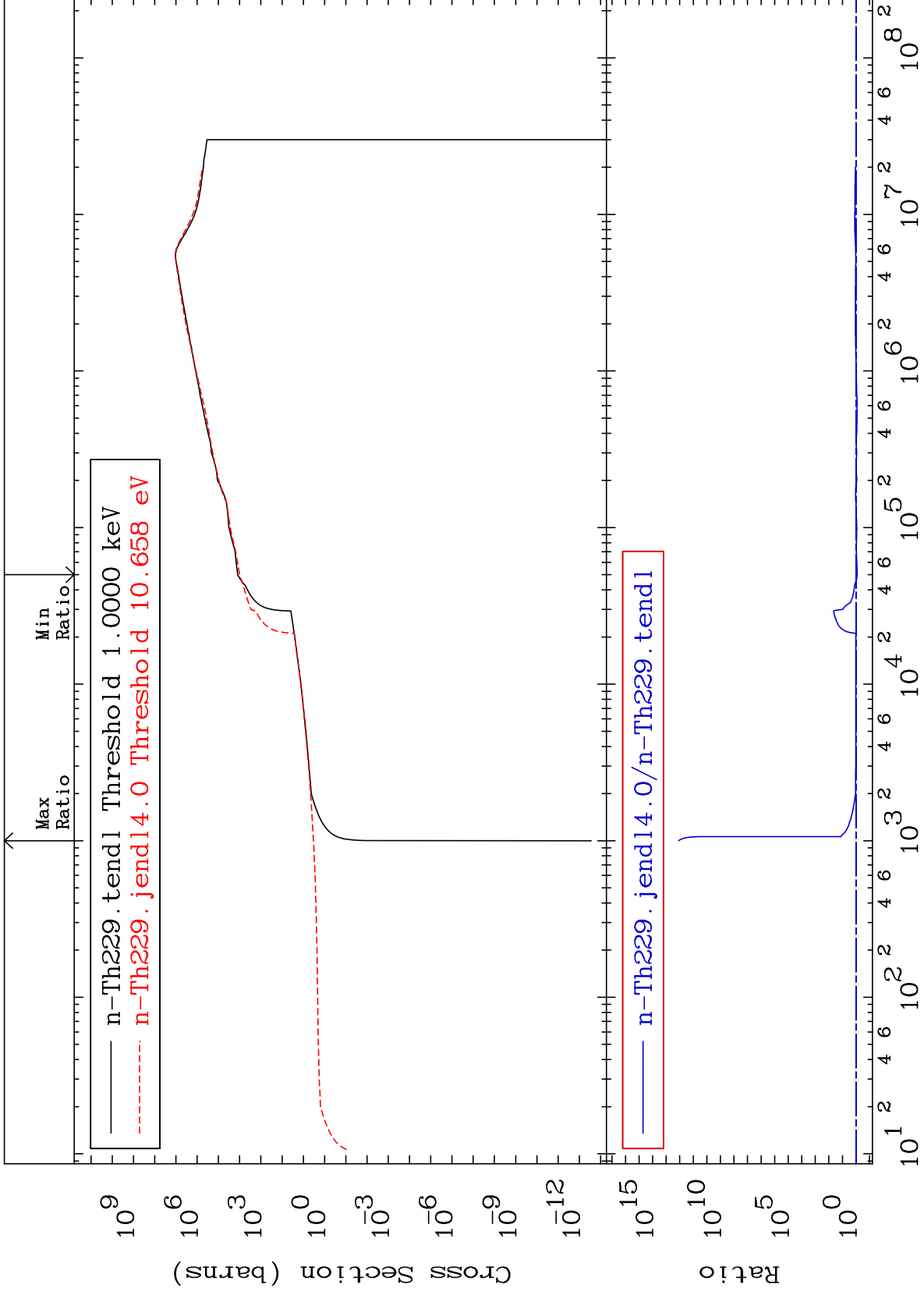
90-Th-229

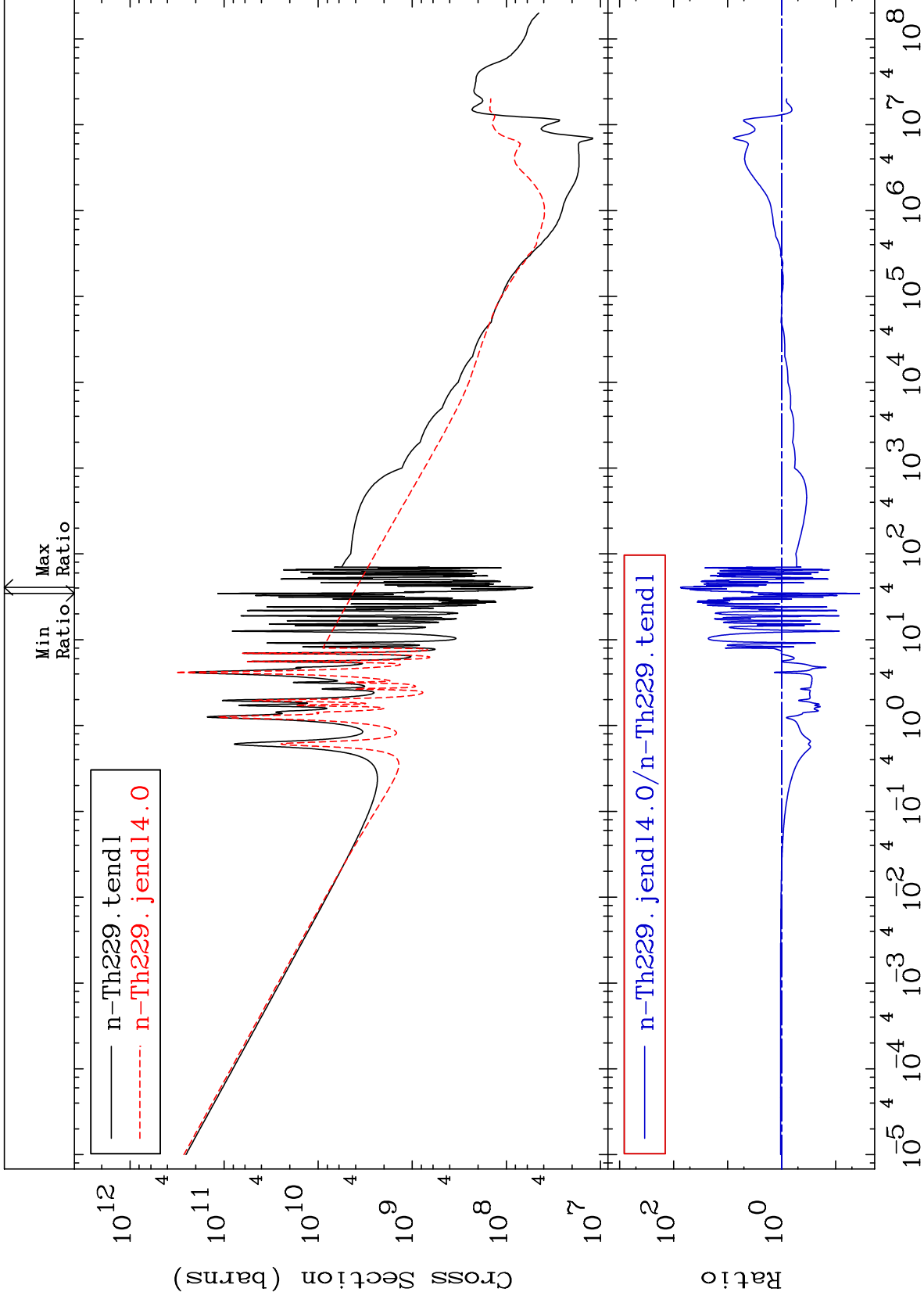


MAT 9031

Kerma inelastic (mt51-91)
Cross Section

90-Th-229
-19.84 To 9999. %

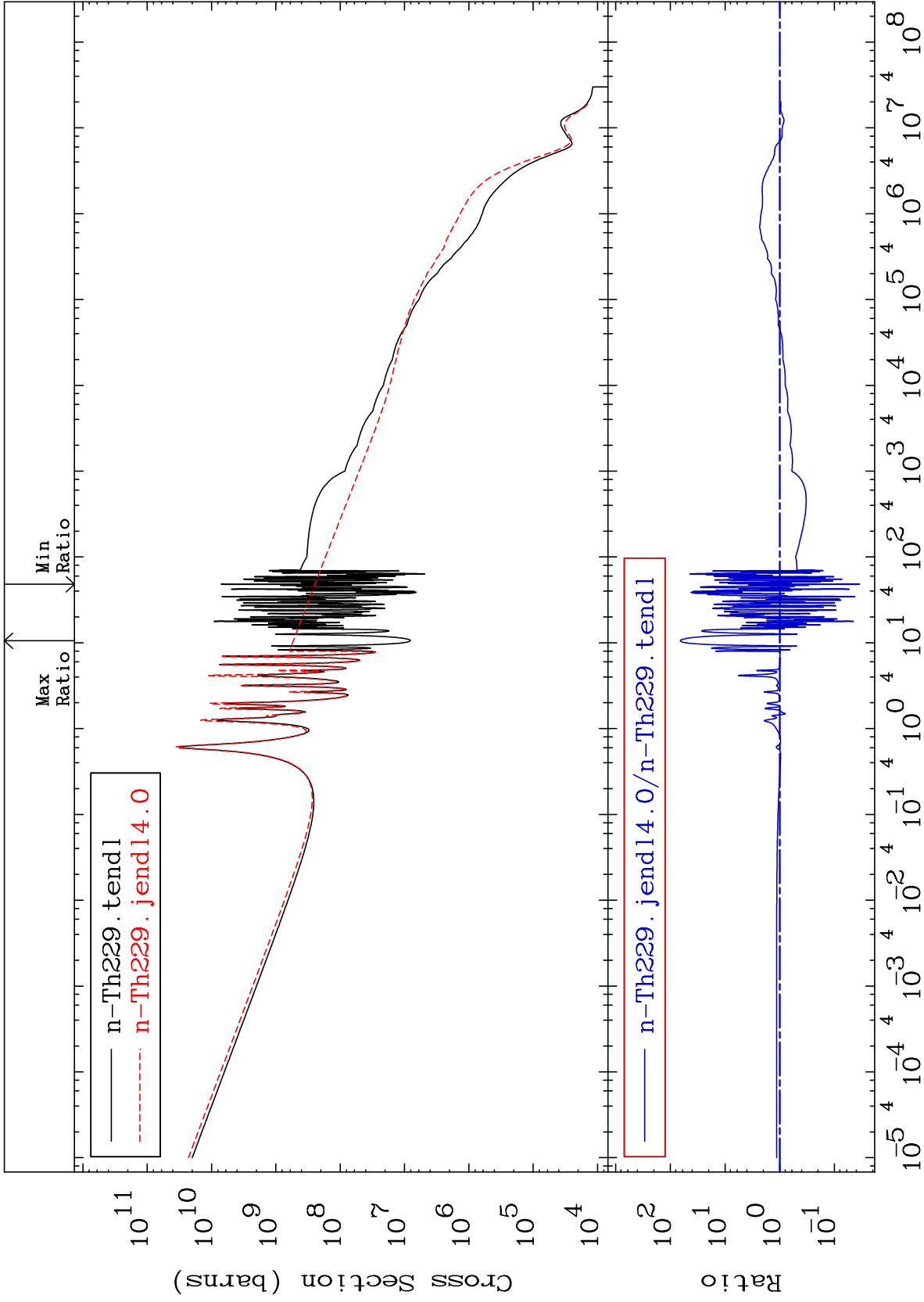




MAT 9031

Kerma capture (mt102)
Cross Section

90-Th-229
-96.50 To 6466. %



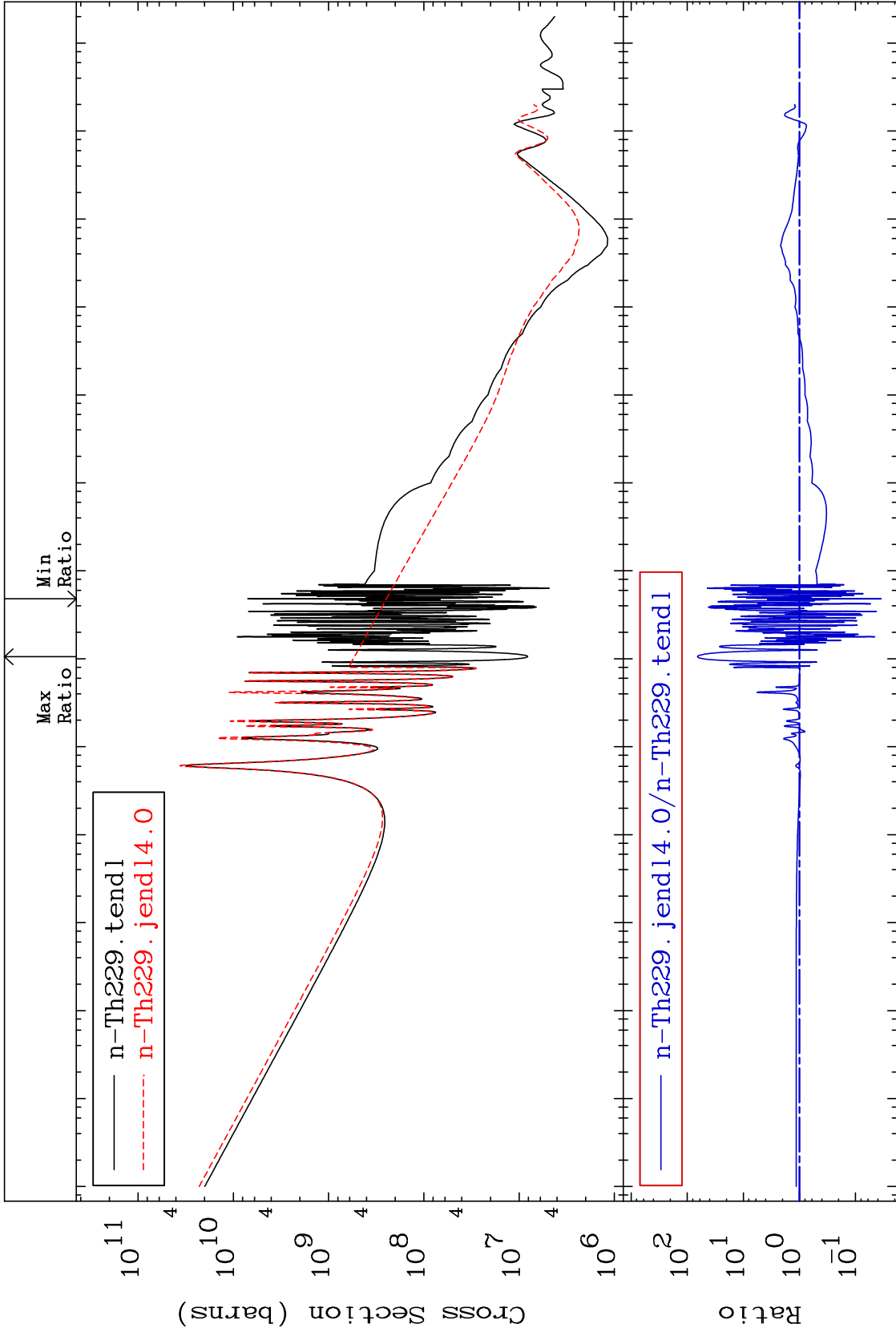
MAT 9031

Total photon (eV-barns)

90-Th-229

Cross Section

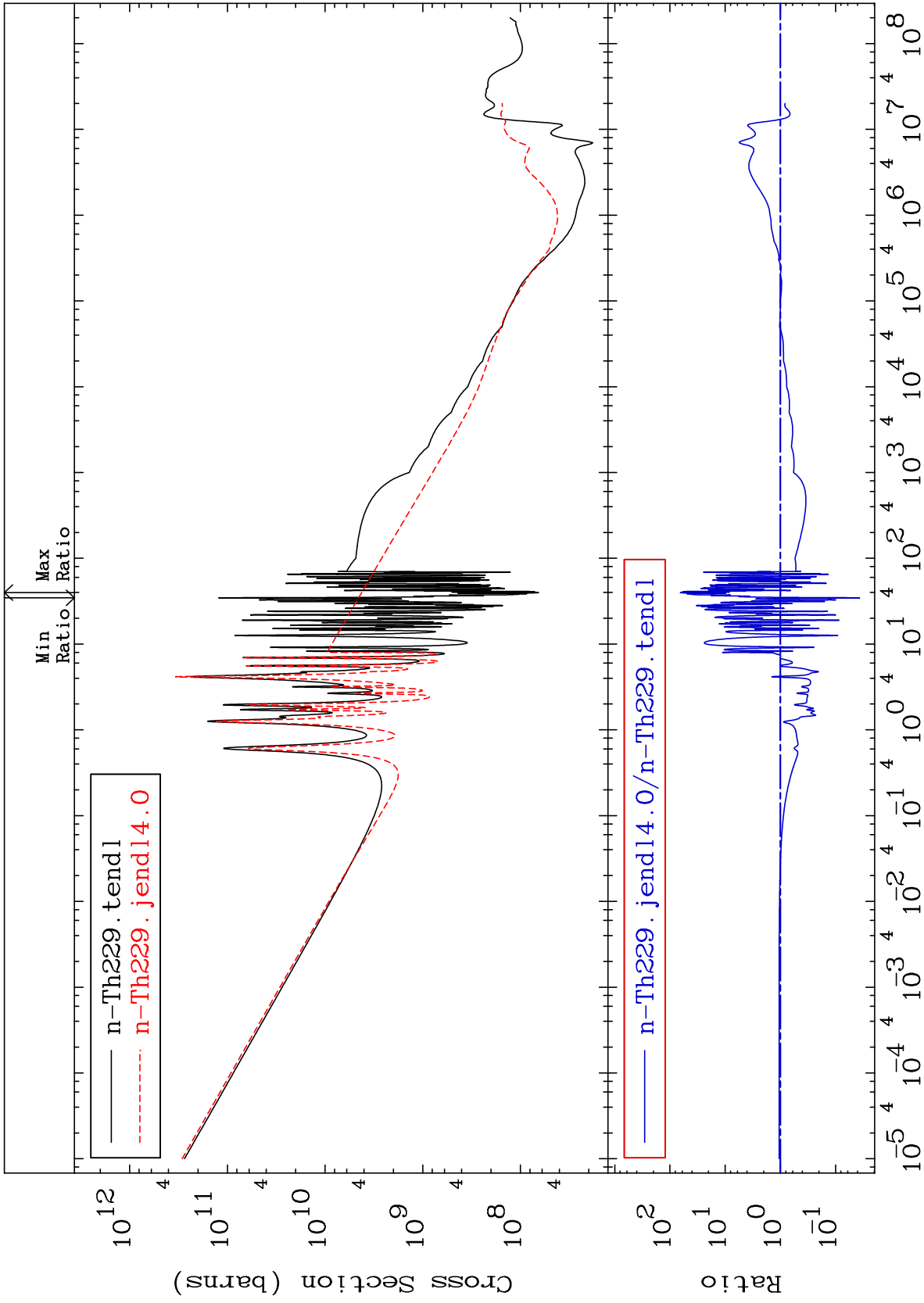
-96.50 To 6466. %



Incident Energy (eV)

90-Th-229

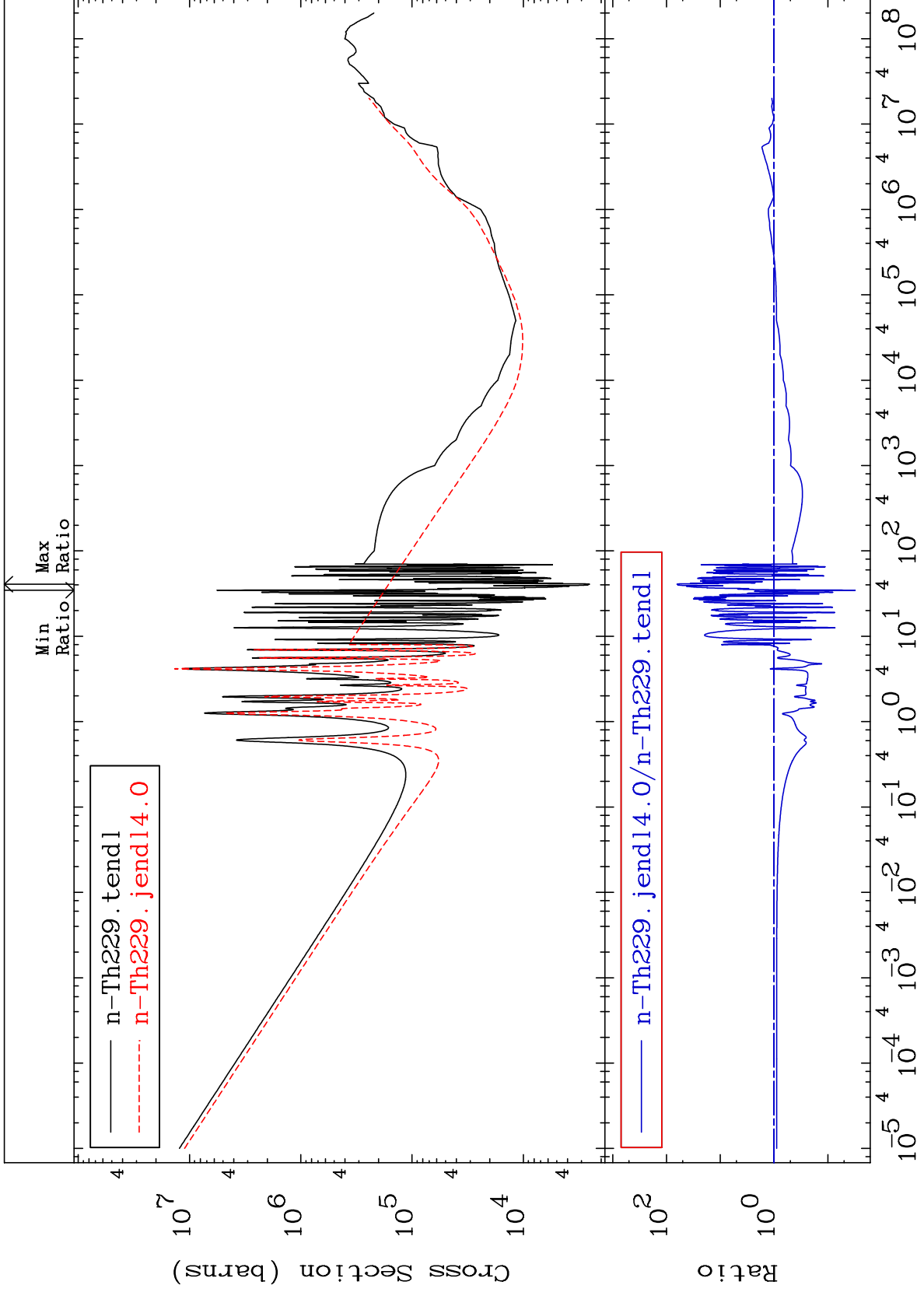
50



MAT 9031

Dpa total (eV-barns)
Cross Section

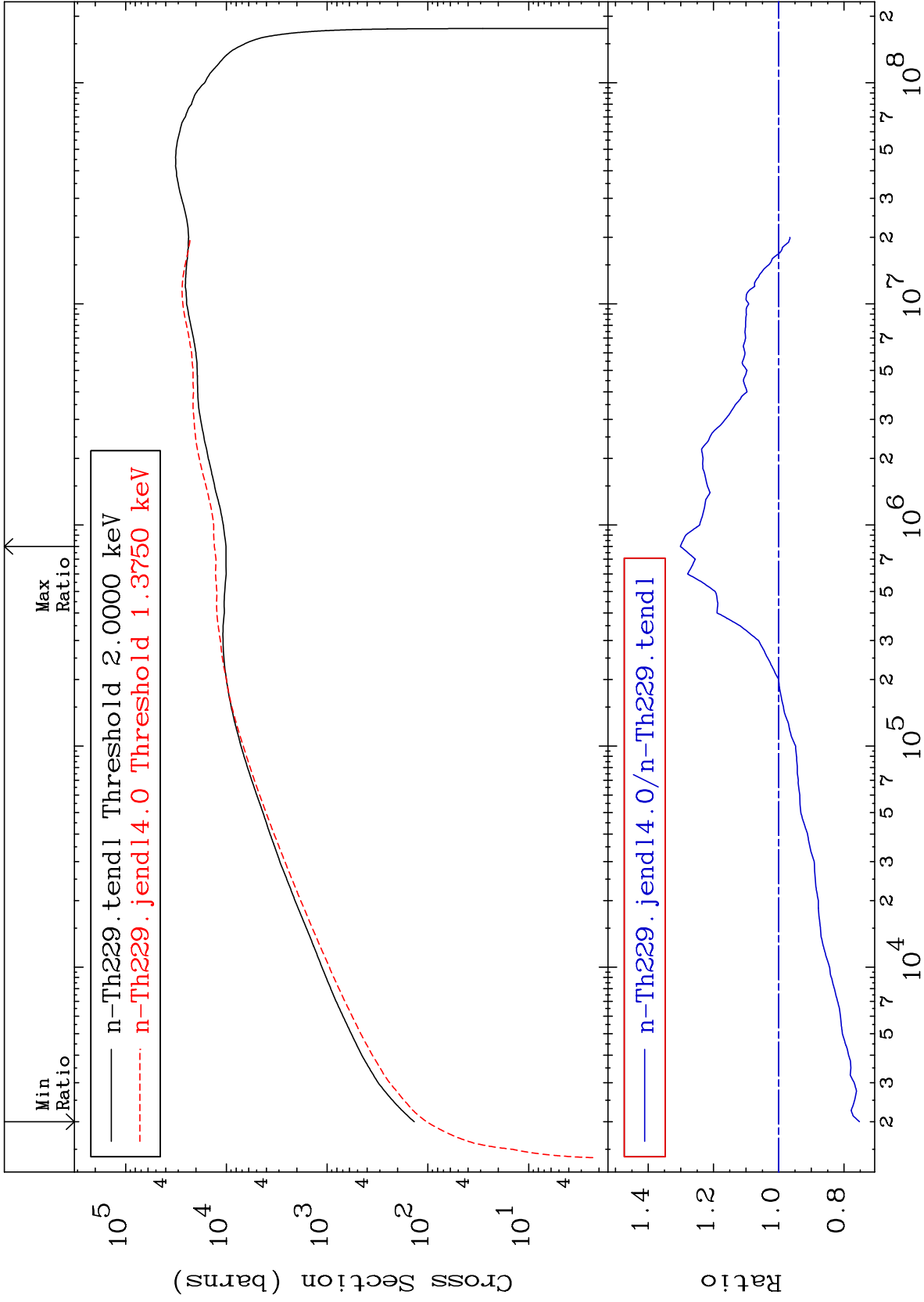
90-Th-229
-96.88 To 6297. %



52

Incident Energy (eV)

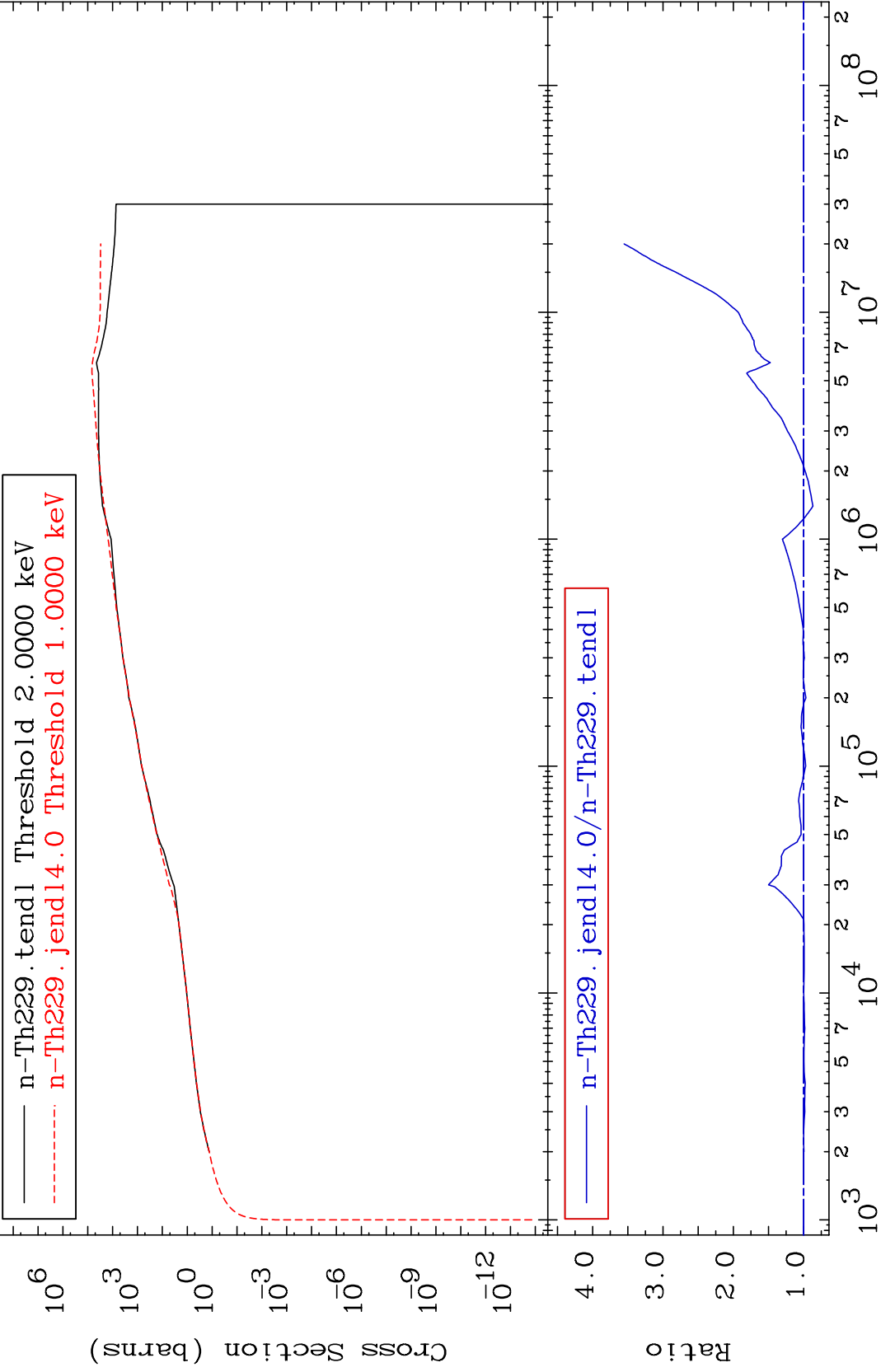
90-Th-229



MAT 9031

Dpa inelastic (mt51-91)
Cross Section

90-Th-229
-12.99 To 255.3 %



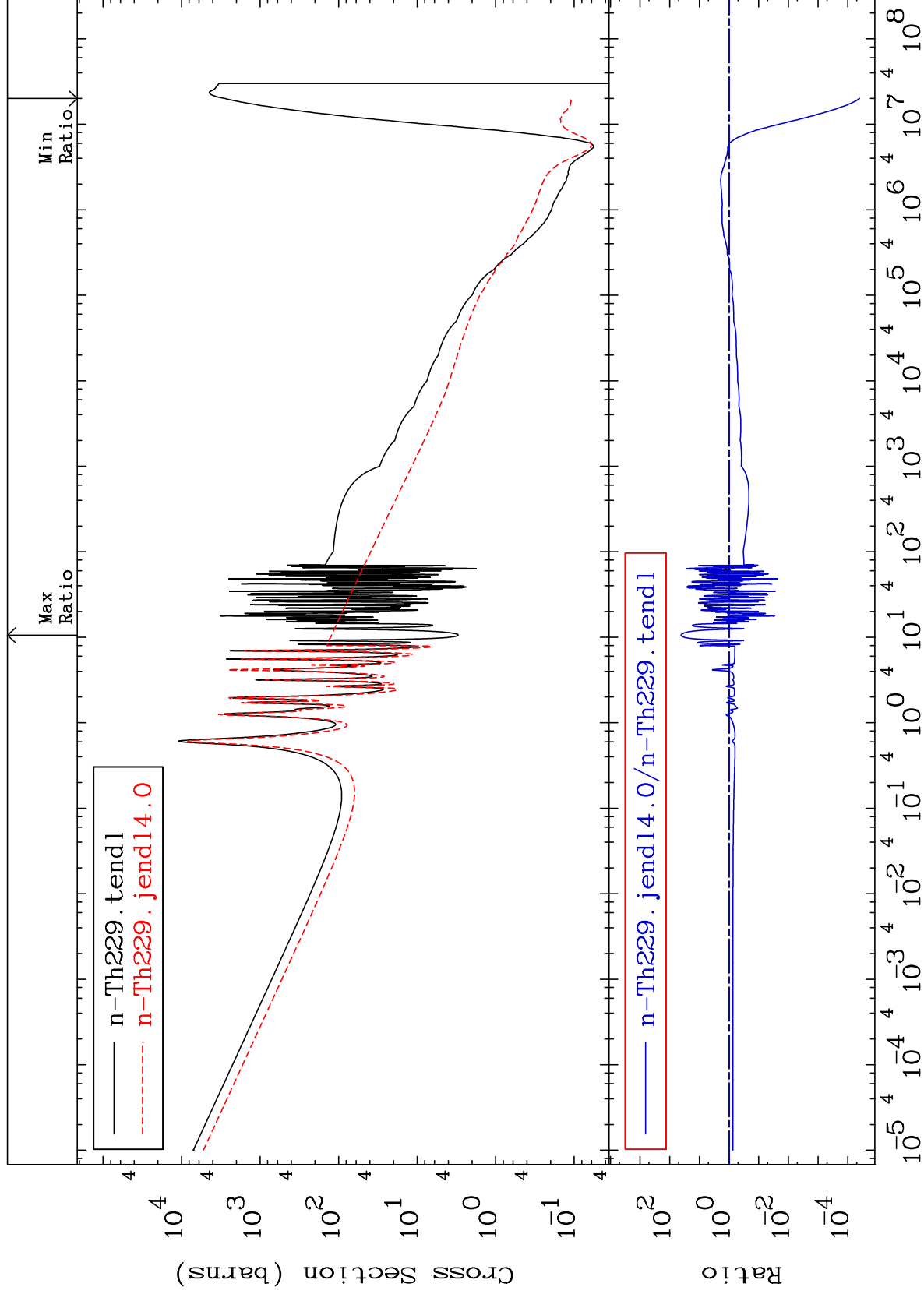
MAT 9031

Dpa disappearance (mt102 -120)

90-Th-229

Cross Section

-100.0 To 4011. %



55

Incident Energy (eV)

90-Th-229