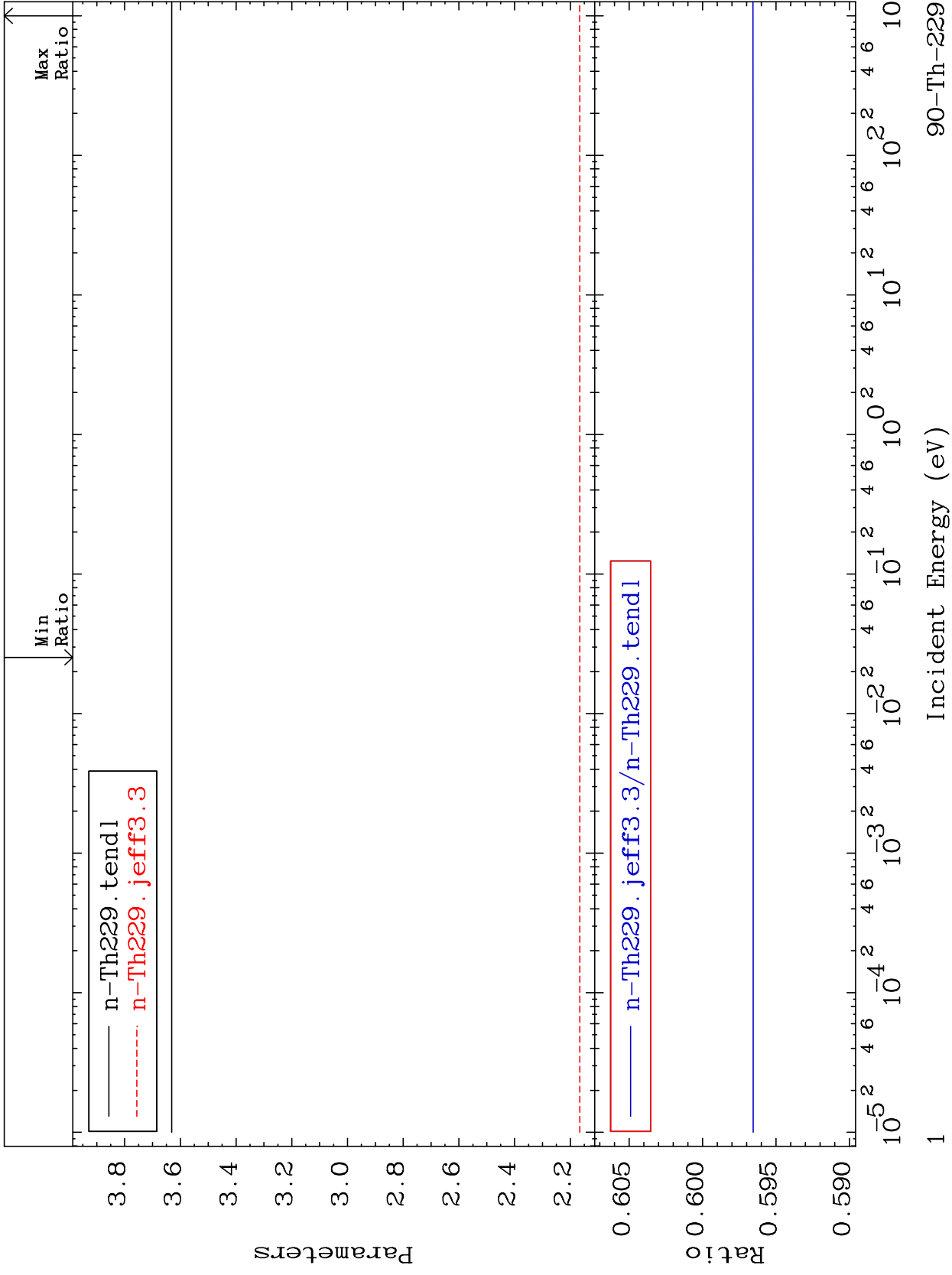


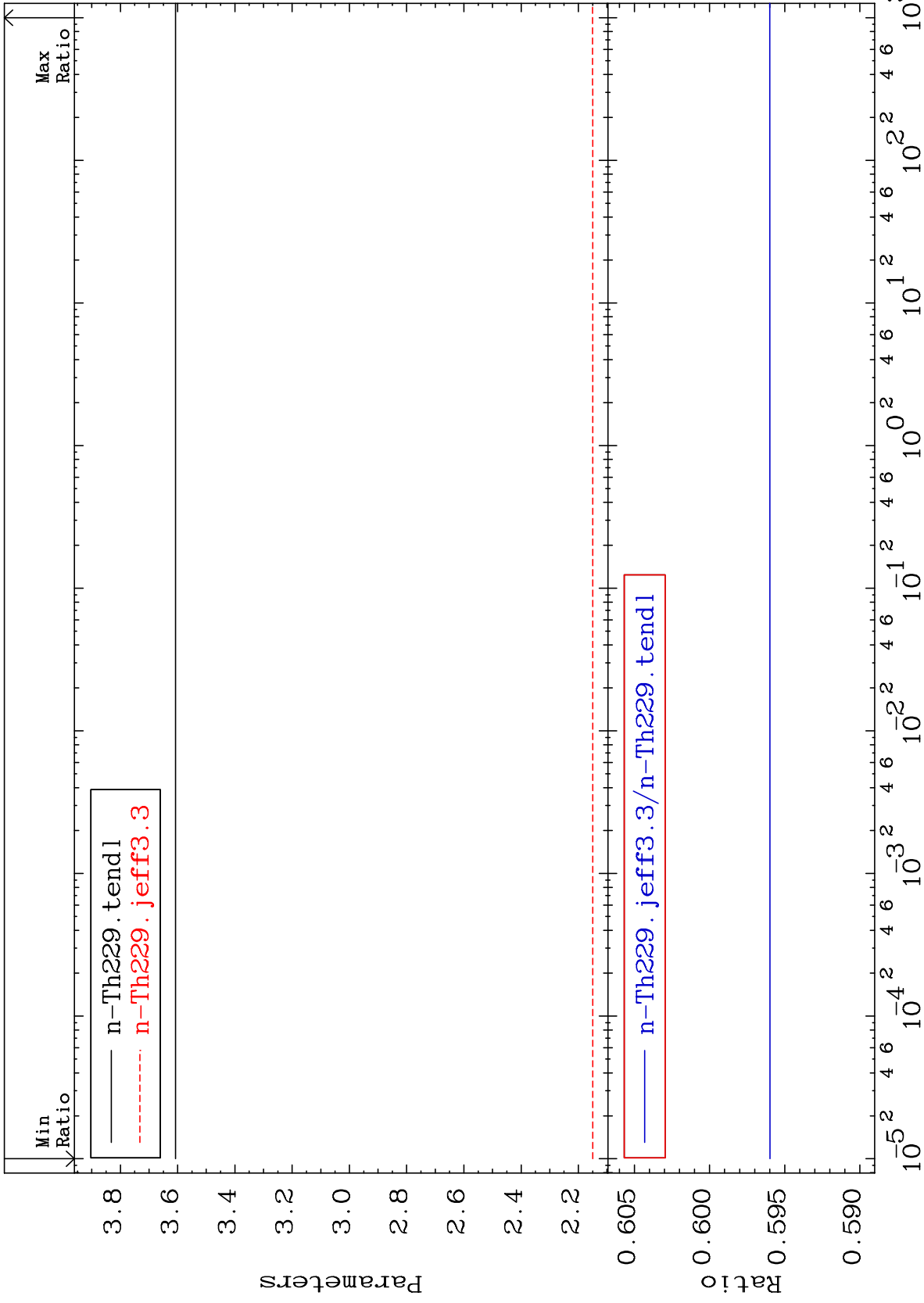
MAT 9031

Total  $\bar{\nu}$   
Parameters

90-Th-229  
-40.34 To -40.34%



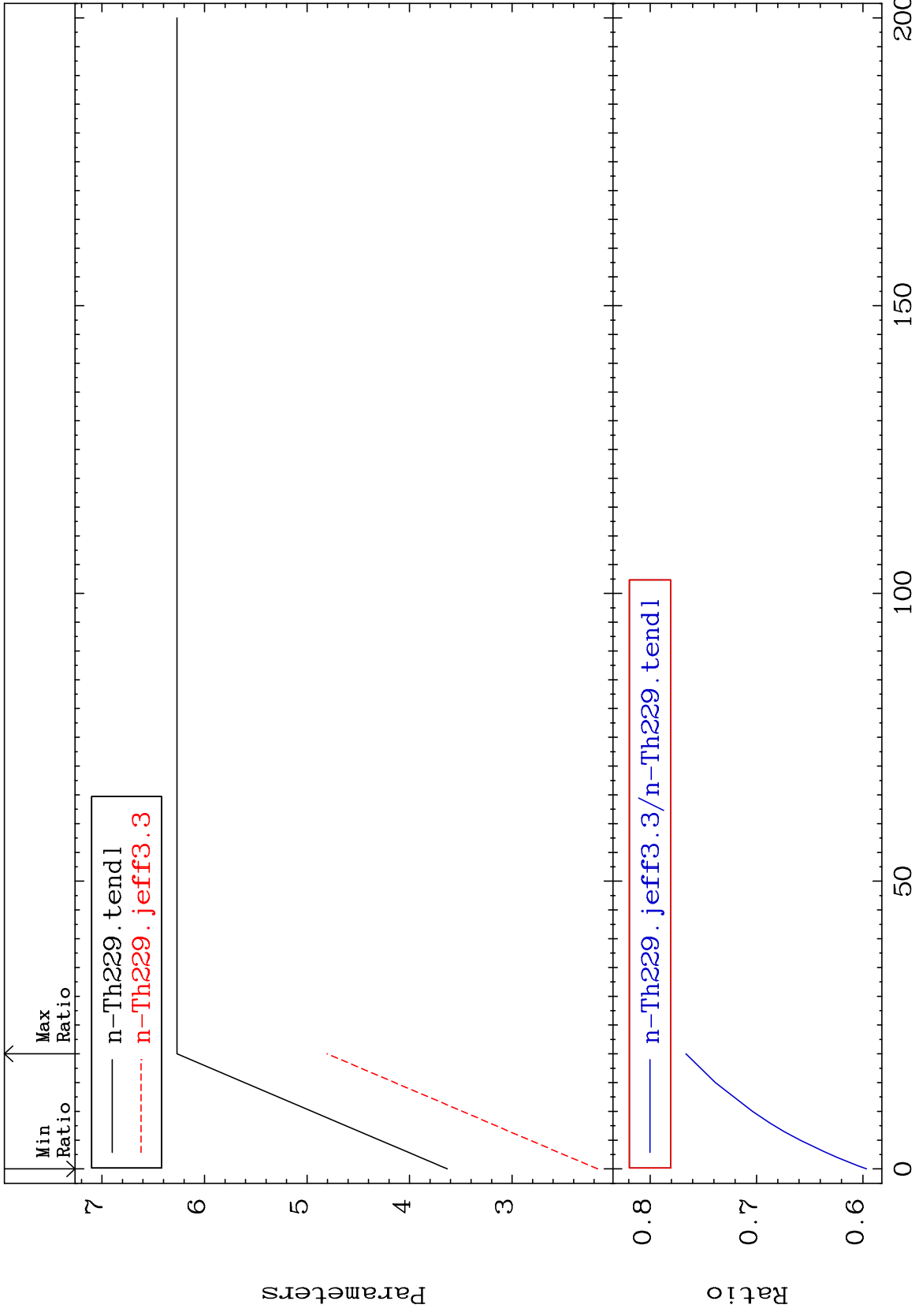




MAT 9031

Total  $\bar{\nu}$   
Parameters

90-Th-229  
-40.34 To -23.37%



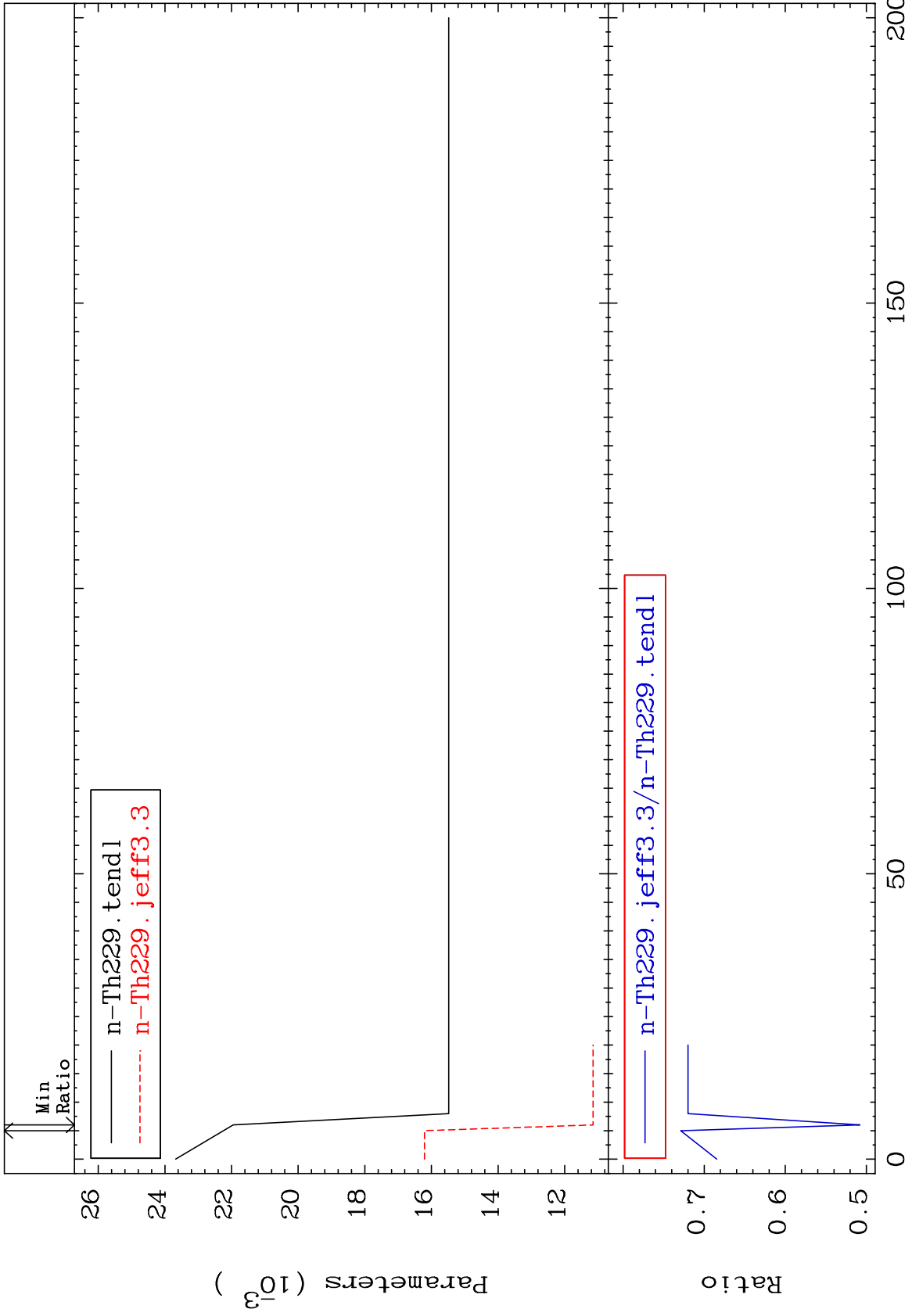
Incident Energy (MeV)

90-Th-229

MAT 9031

Delayed  $\bar{\nu}$   
Parameters

90-Th-229  
-49.20 To -27.11%



2

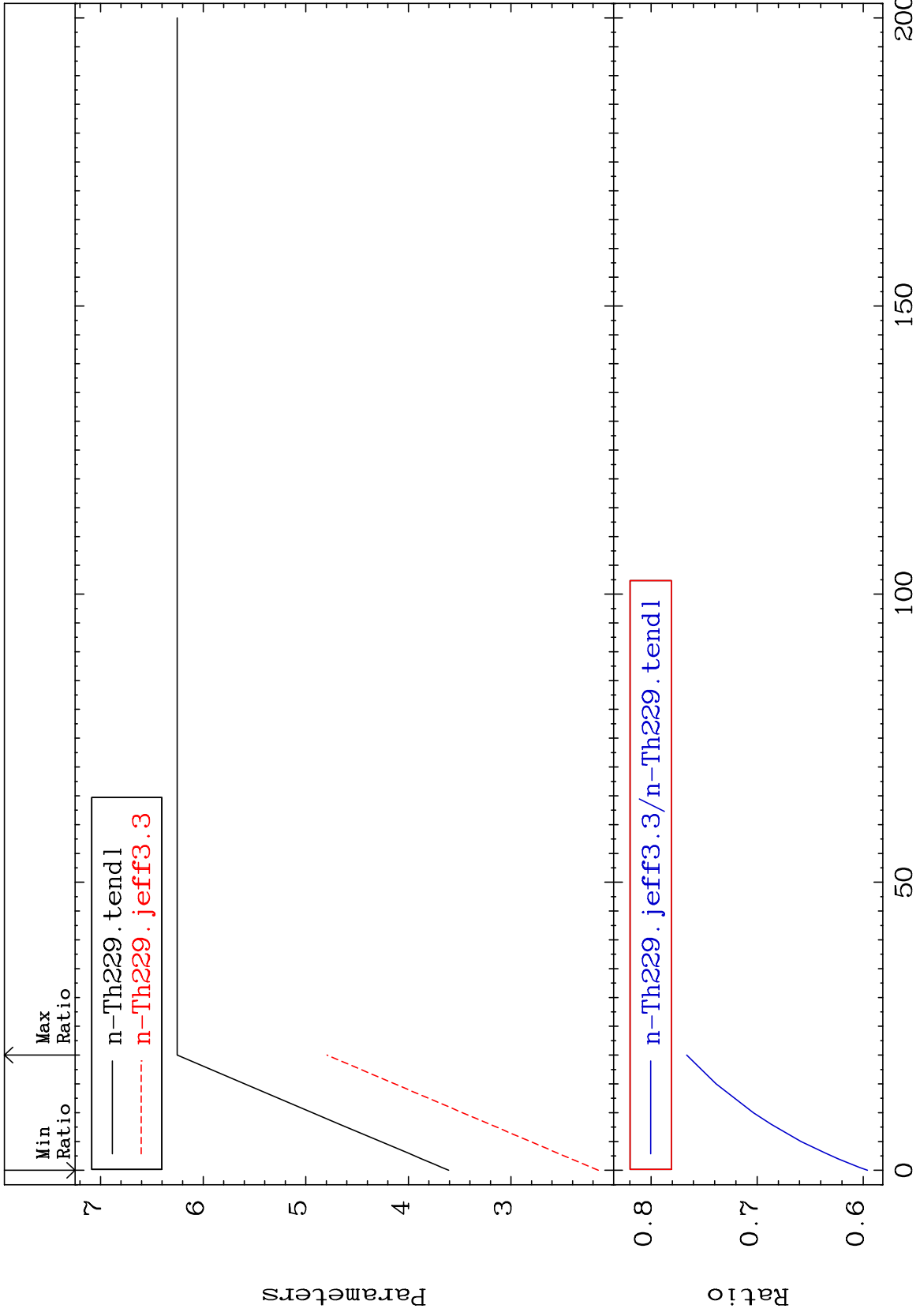
Incident Energy (MeV)

90-Th-229

MAT 9031

Prompt  $\bar{\nu}$   
Parameters

90-Th-229  
-40.40 To -23.36%



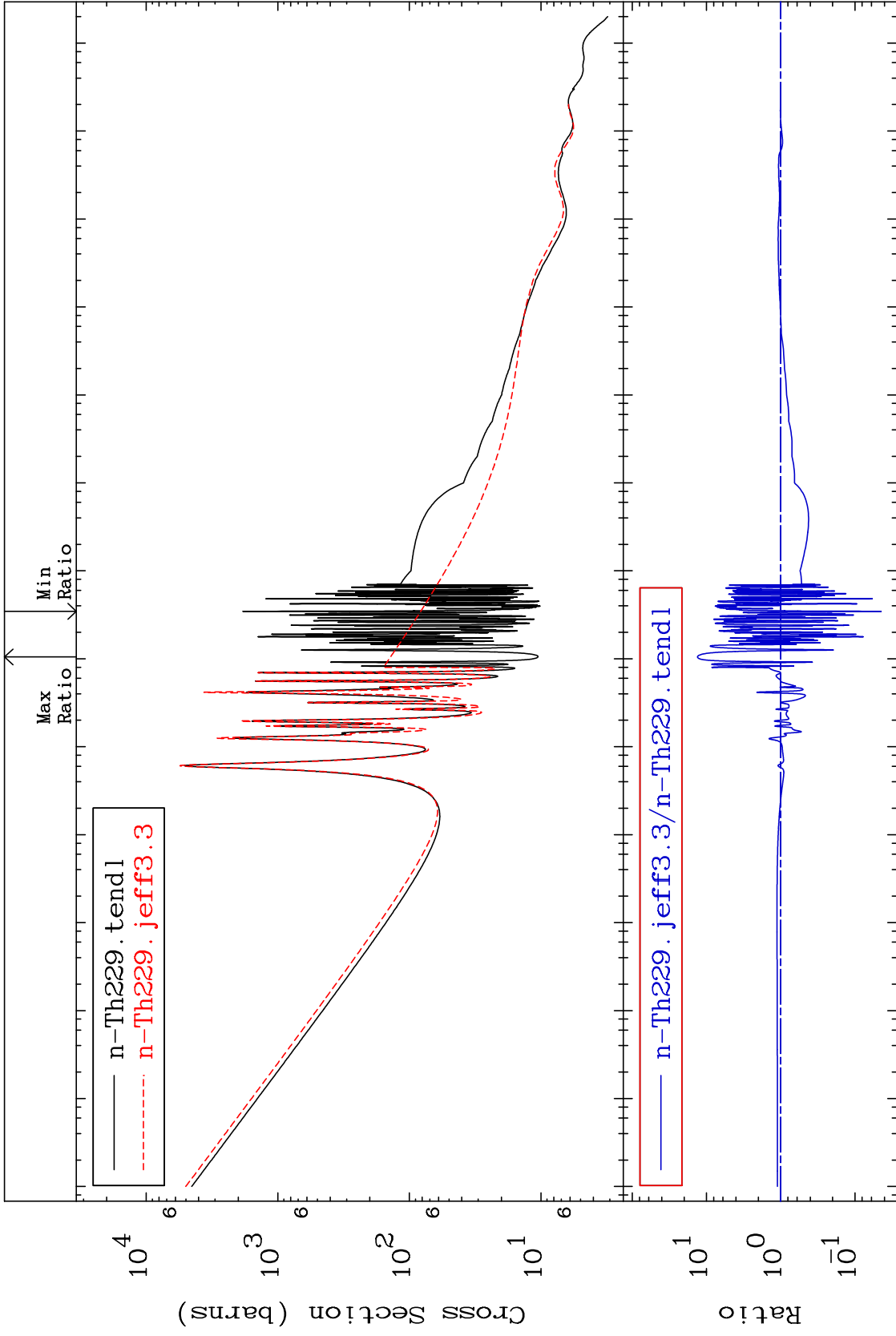
Incident Energy (MeV)

90-Th-229

3

MAT 9031

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

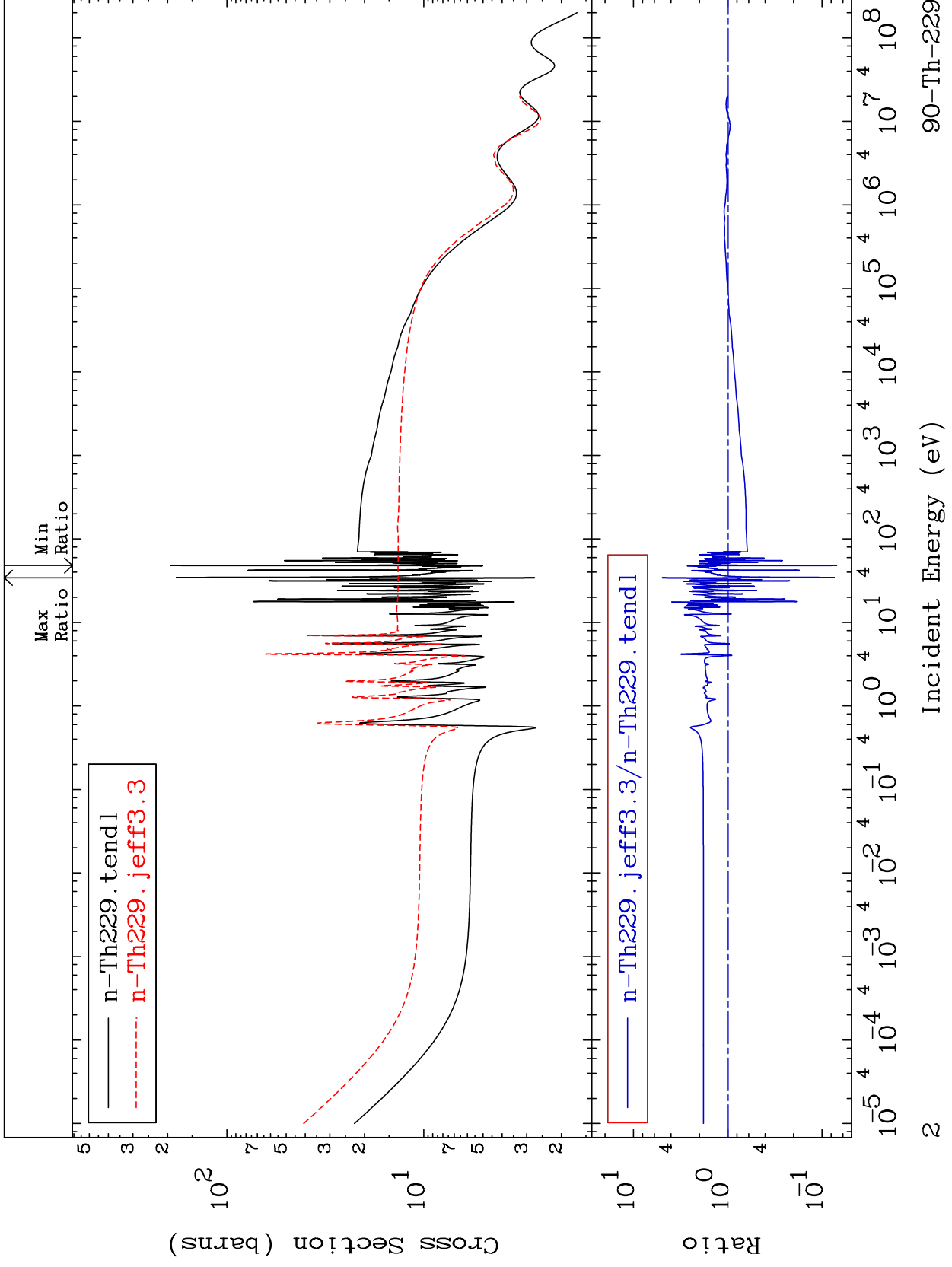


Incident Energy (eV) 90-Th-229

MAT 9031

Elastic  
Cross Section

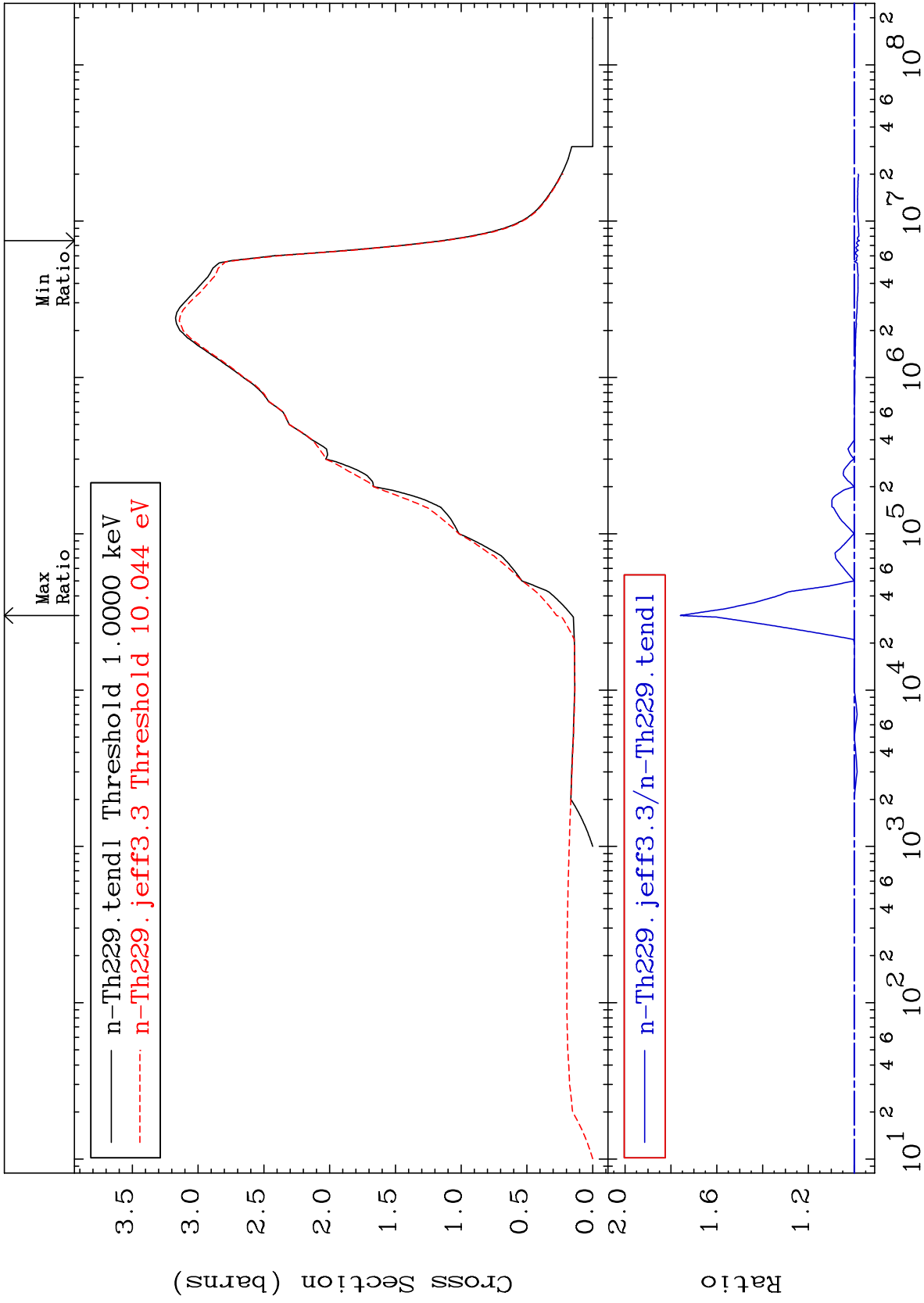
90-Th-229  
-92.99 To 394.2 %



MAT 9031

Inelastic  
Cross Section

90-Th-229  
-2.276 To 75.90 %



Incident Energy (eV)

90-Th-229

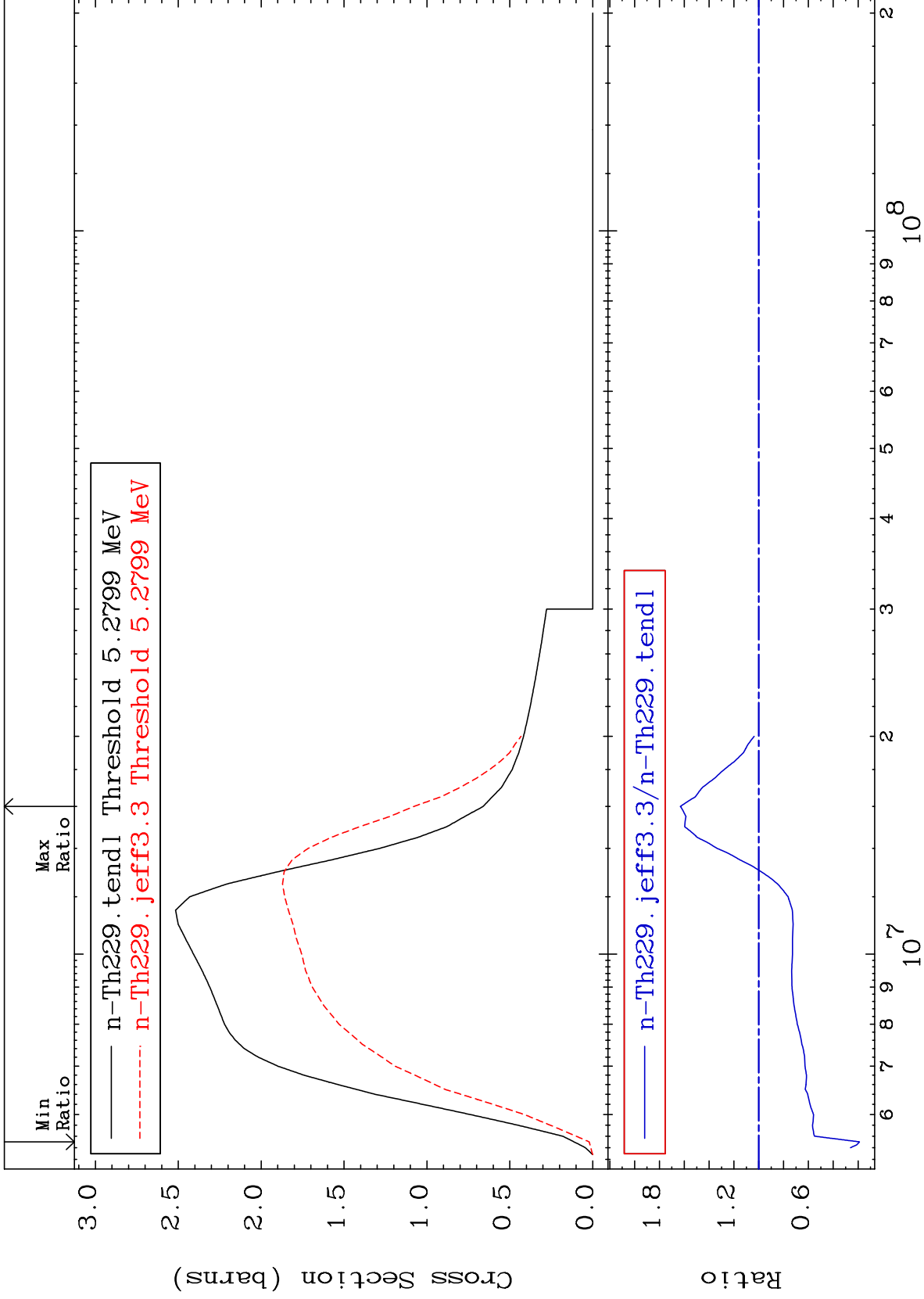
MAT 9031

(n,2n)

90-Th-229

Cross Section

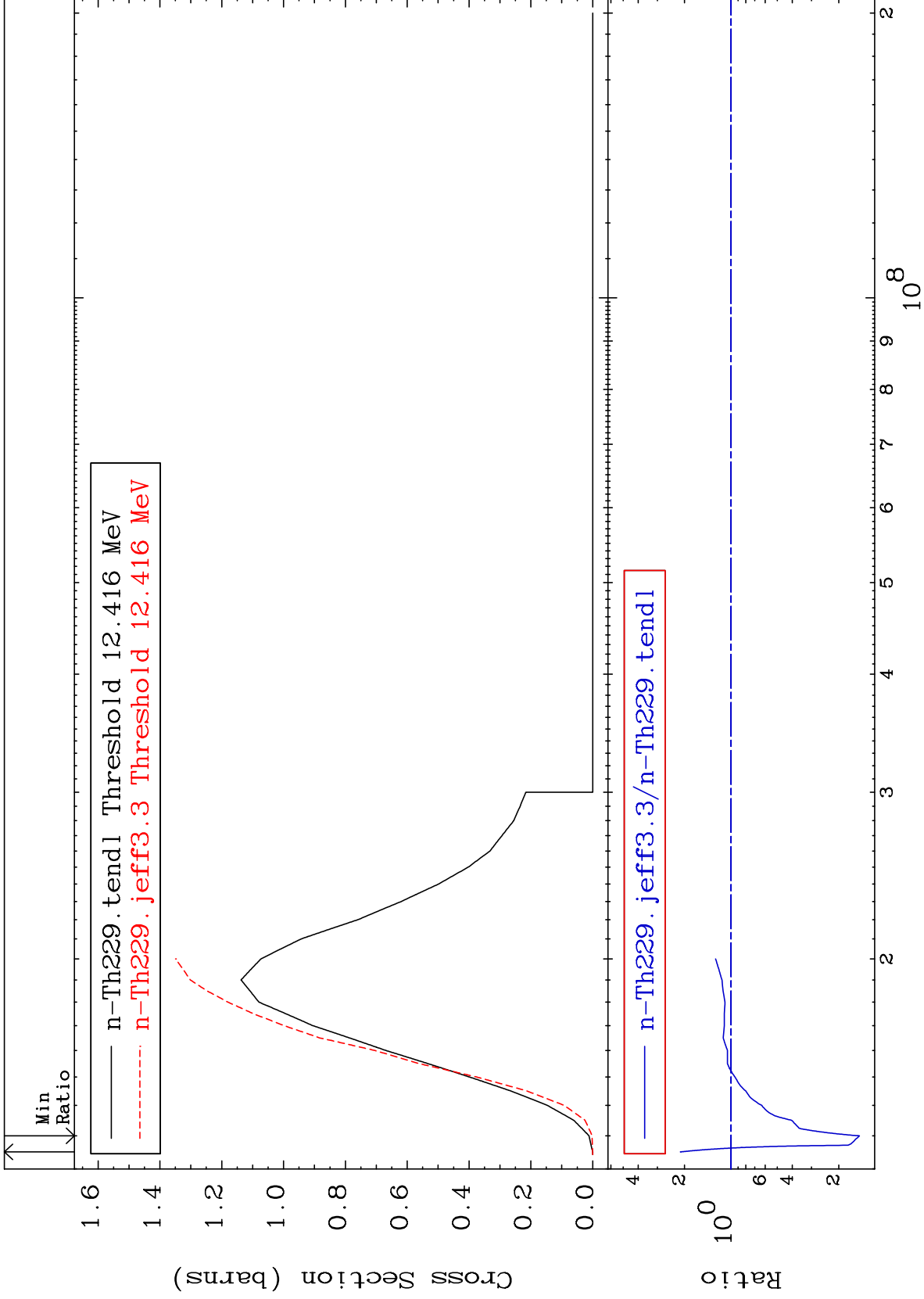
-81.09 To 63.16 %



MAT 9031

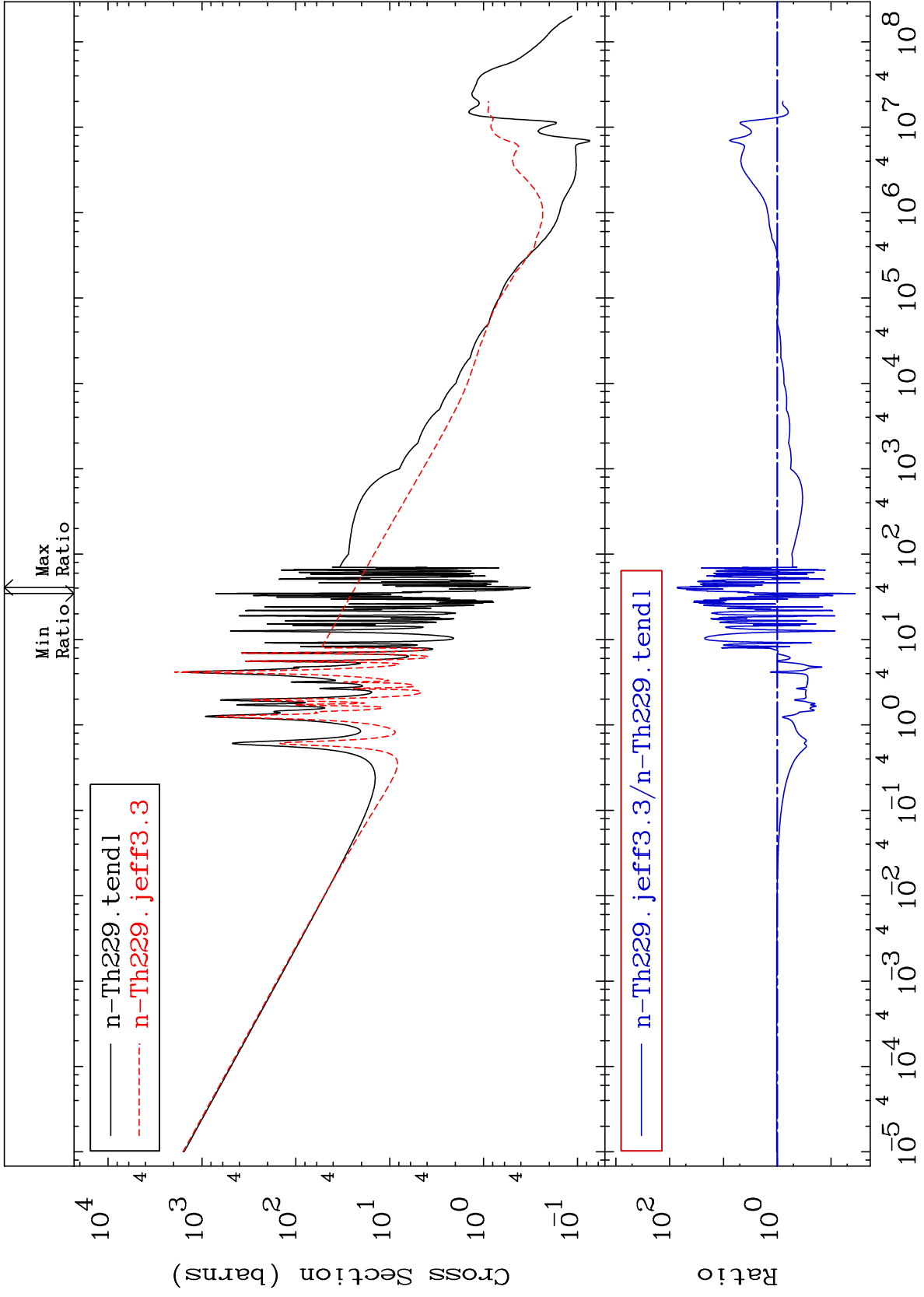
(n,3n)  
Cross Section

90-Th-229  
-85.32 To 112.9 %



MAT 9031

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



Incident Energy (eV)

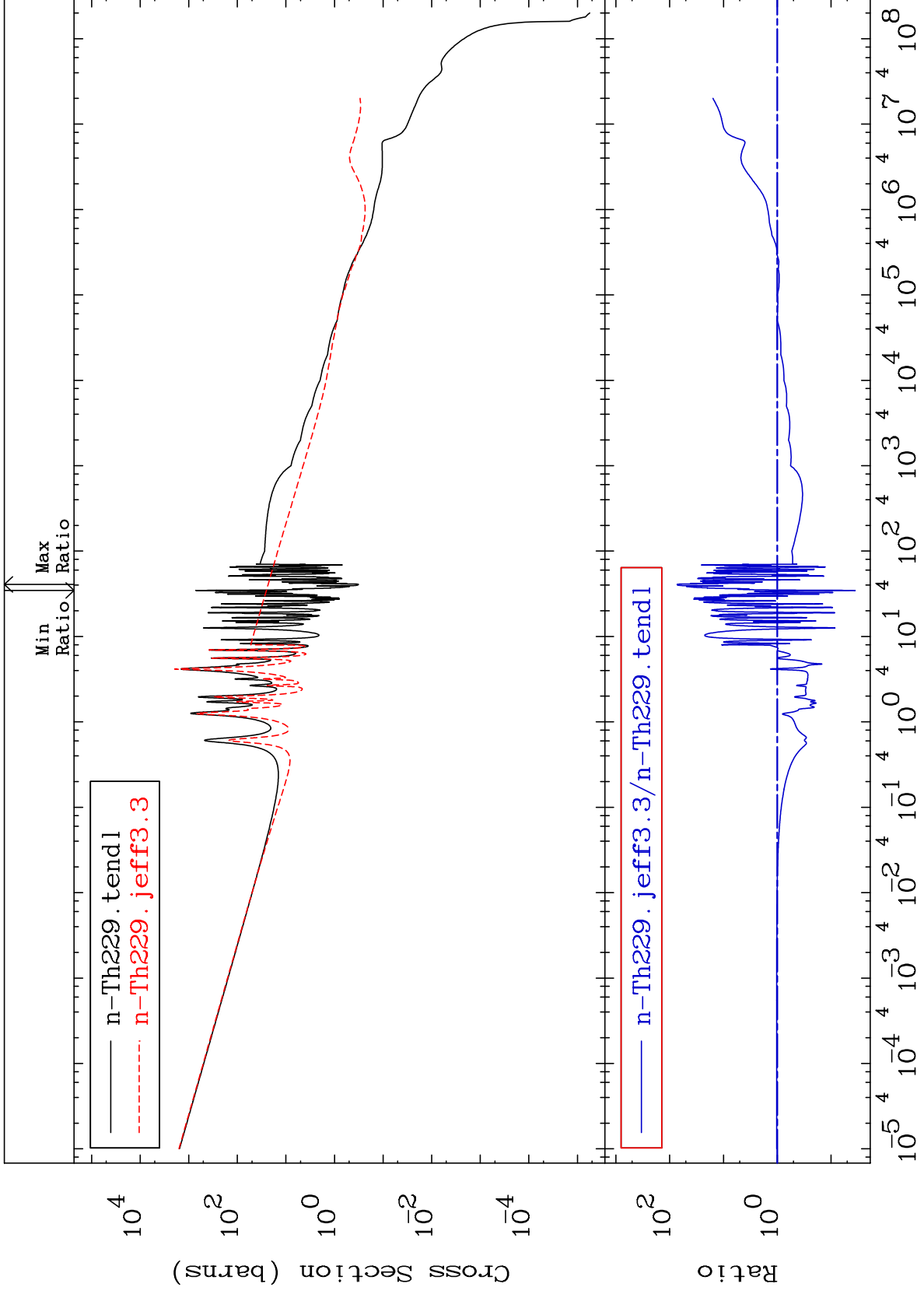
90-Th-229

6

MAT 9031

(n,f) First Chance  
Cross Section

90-Th-229  
-96.44 To 7242. %



Incident Energy (eV)

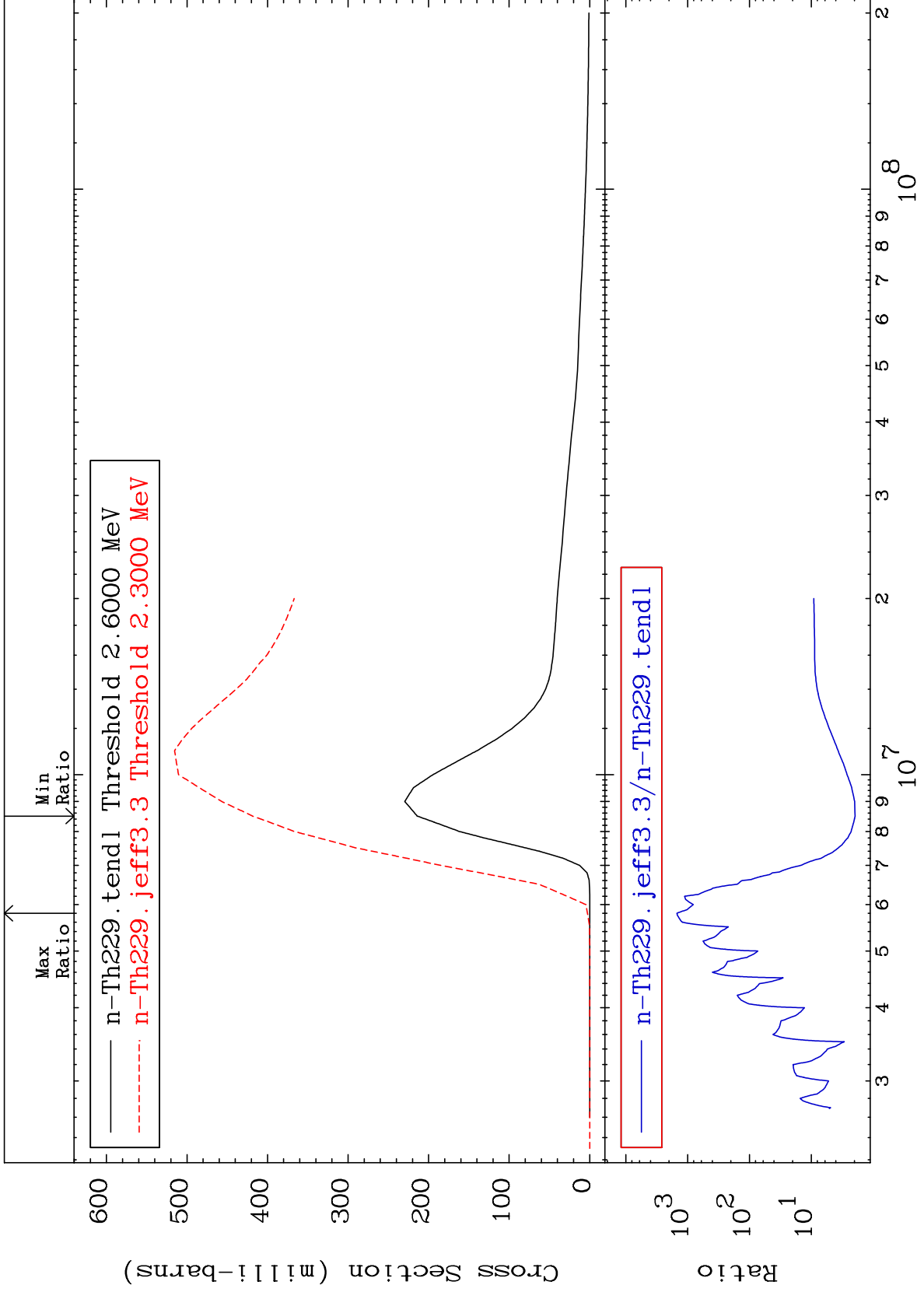
90-Th-229

7

MAT 9031

(n, nf) Second Chance  
Cross Section

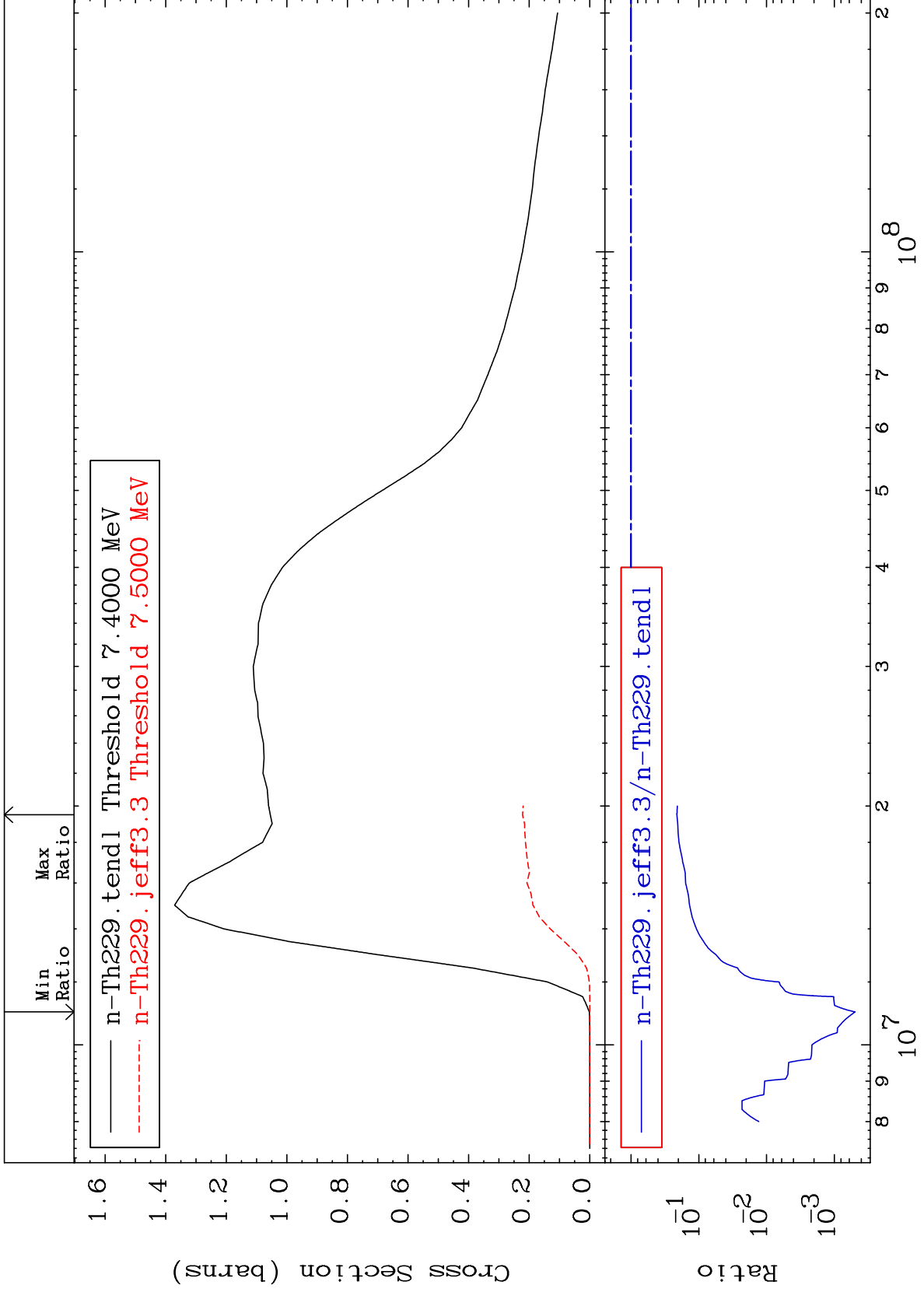
90-Th-229  
95.38 To 9999. %



MAT 9031

(n,2nf) Third Chance  
Cross Section

90-Th-229  
-99.95 To -78.98%



9

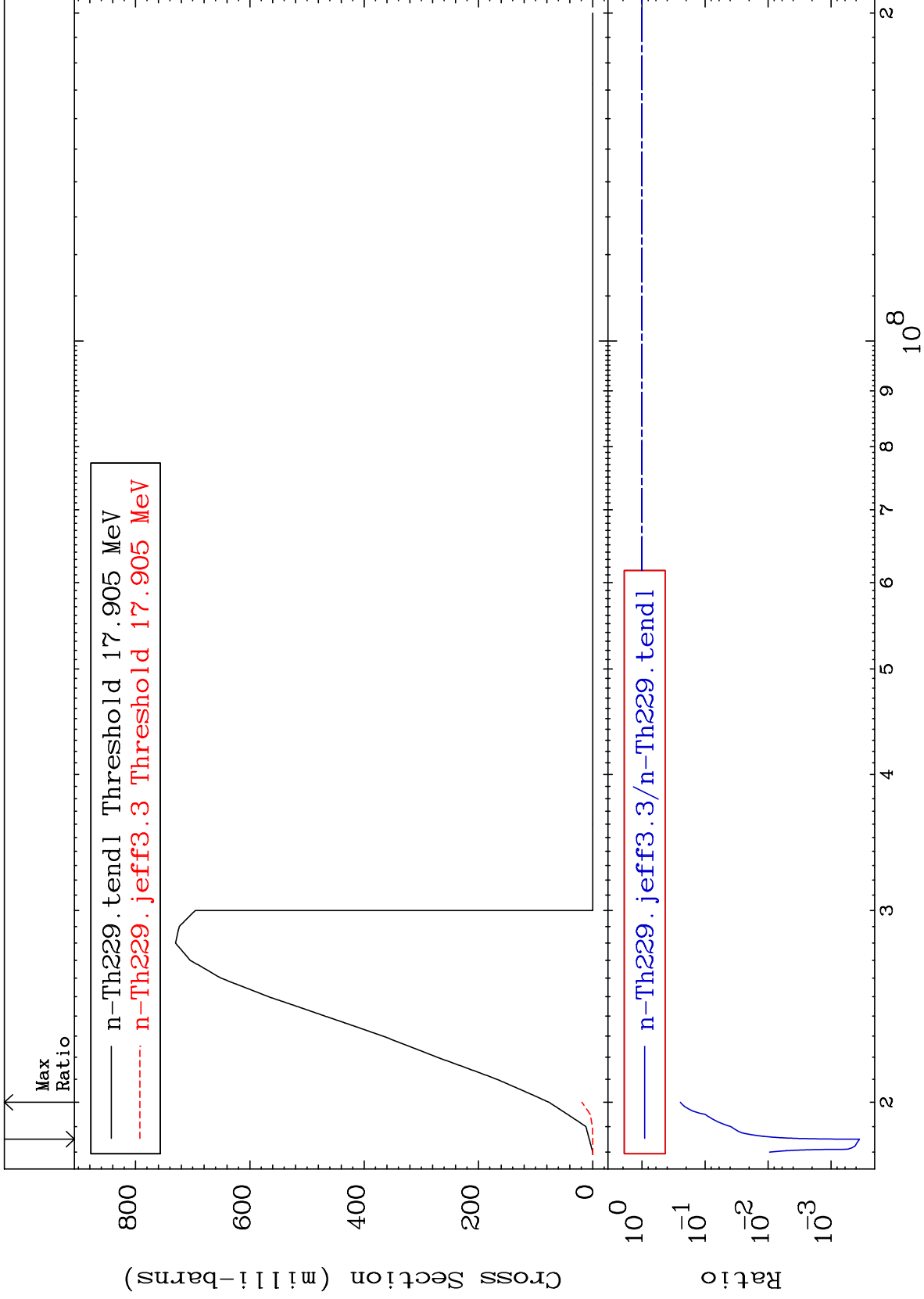
Incident Energy (eV)

90-Th-229

MAT 9031

(n,4n)  
Cross Section

90-Th-229  
-99.96 To -75.37%



10

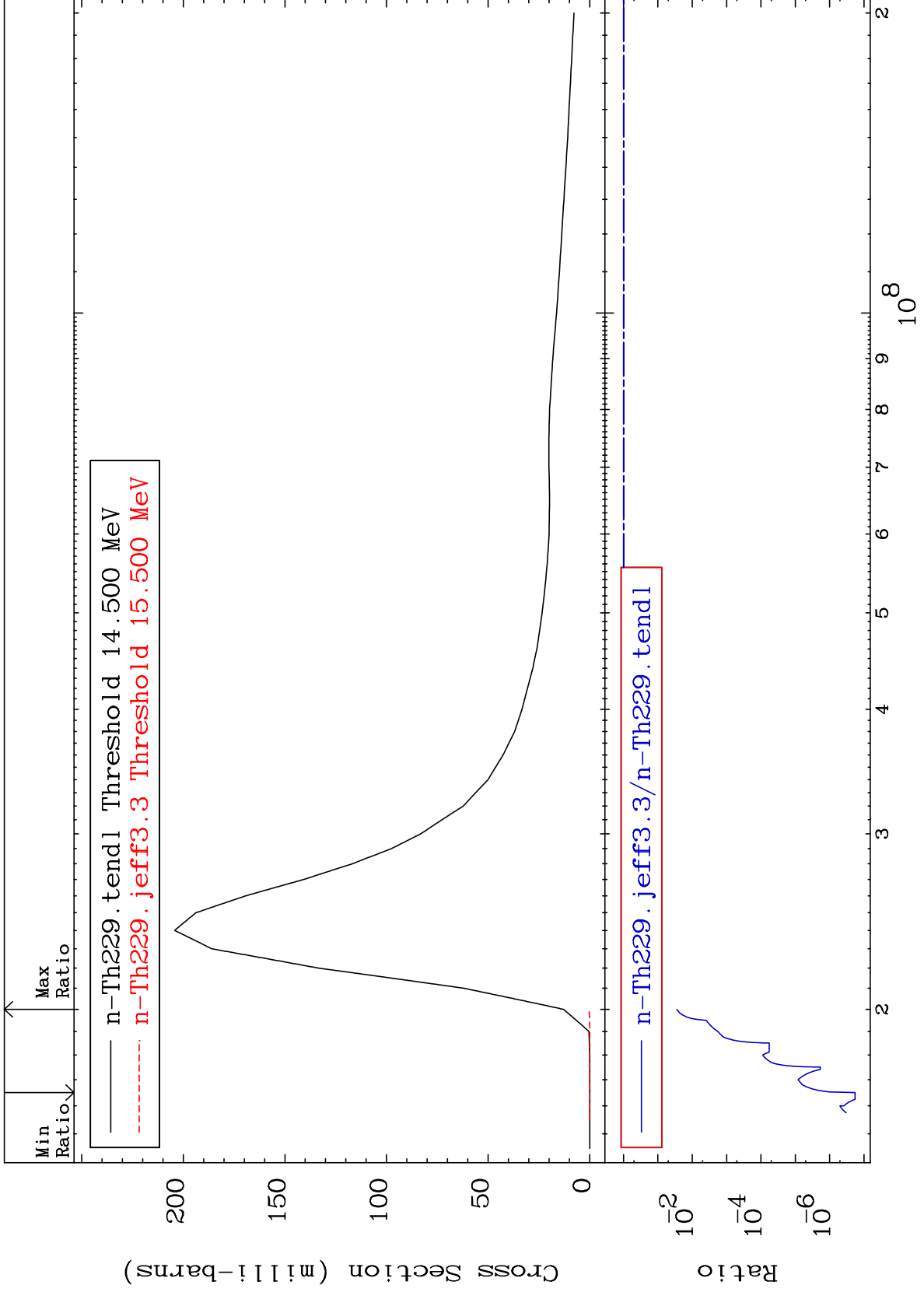
Incident Energy (eV)

90-Th-229

MAT 9031

(n,3nf) Fourth Chance  
Cross Section

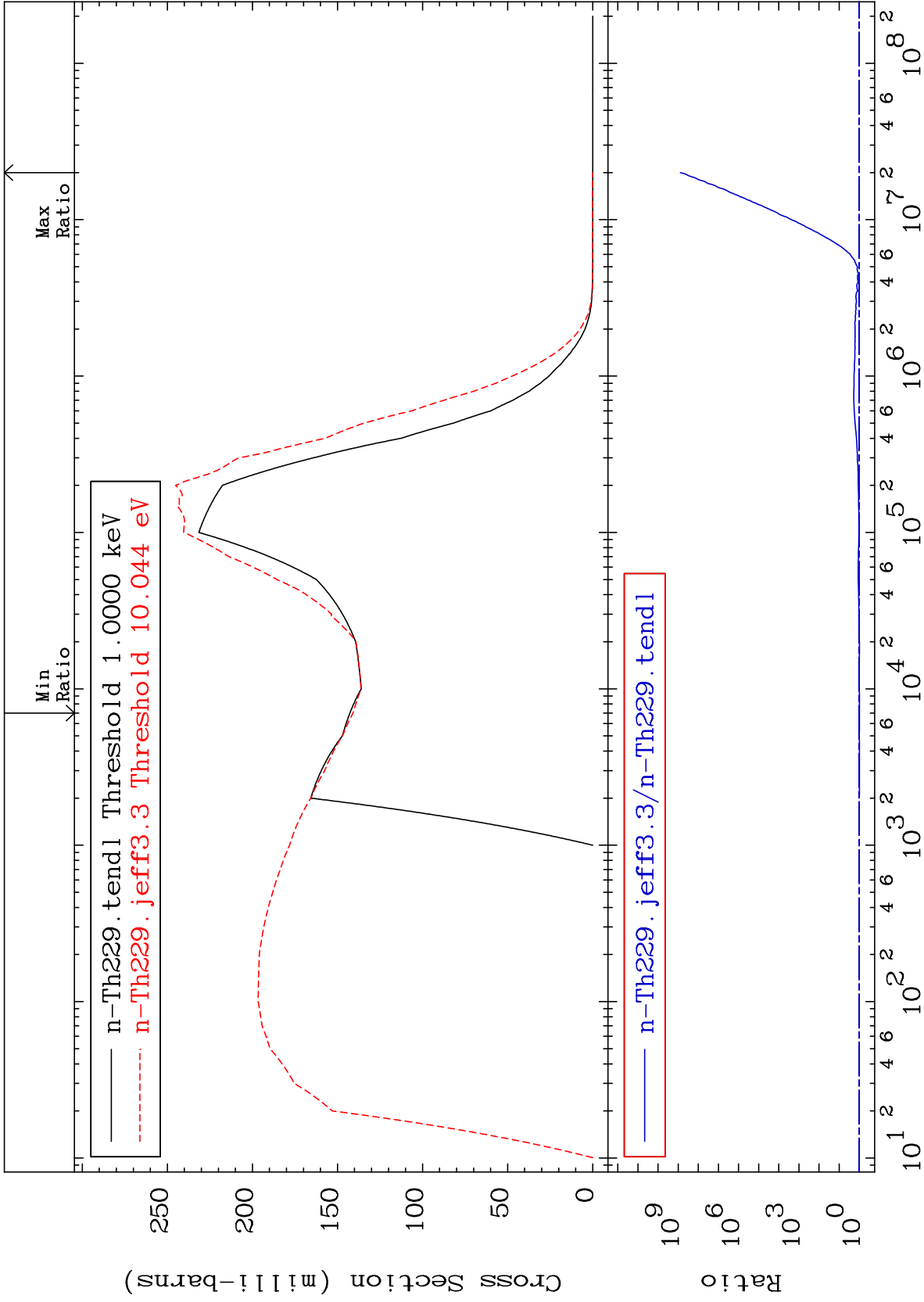
90-Th-229  
-100.0 To -97.21%



MAT 9031

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

90-Th-229  
-1.281 To 9999. %



Incident Energy (eV)

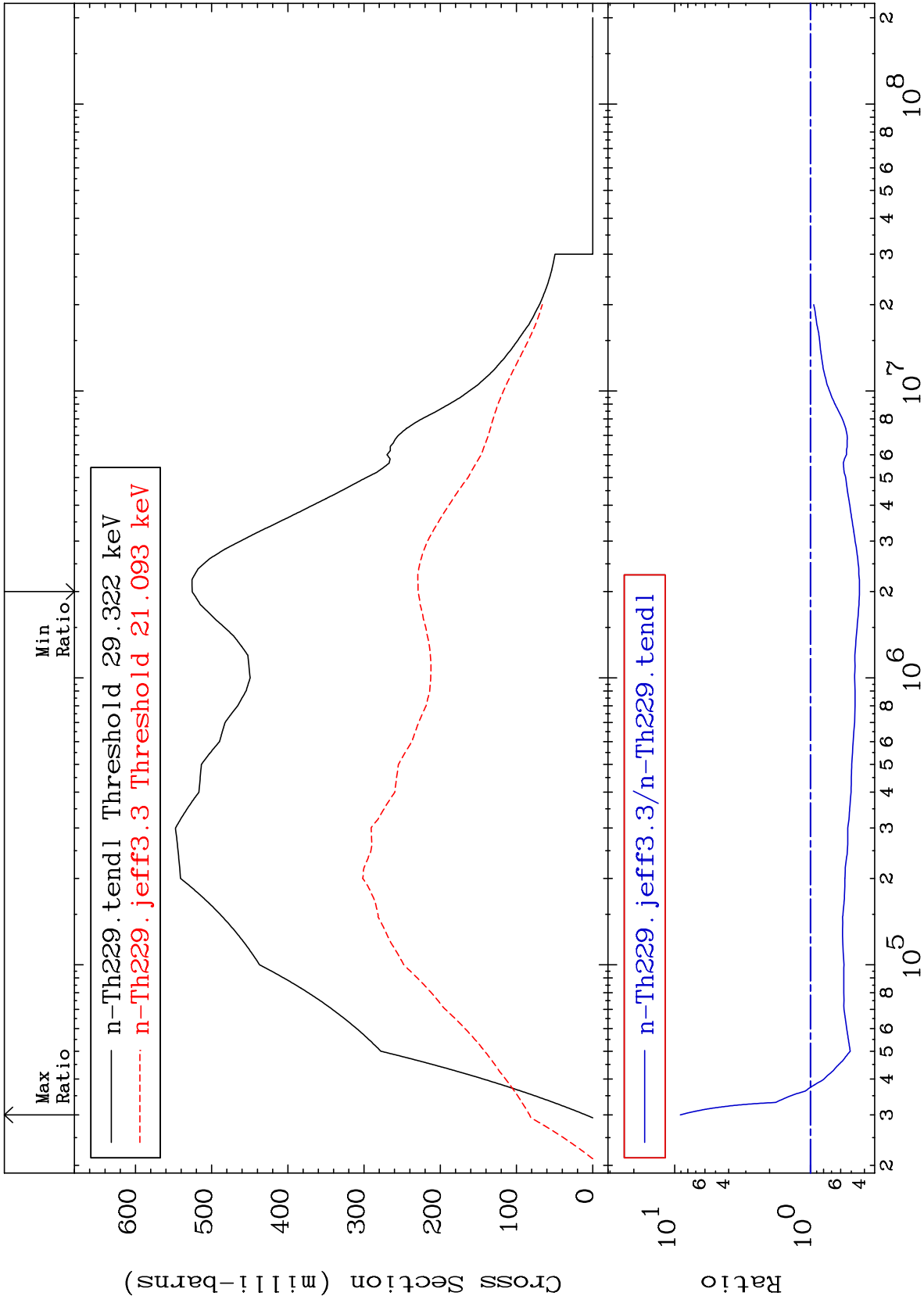
90-Th-229

12

MAT 9031

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

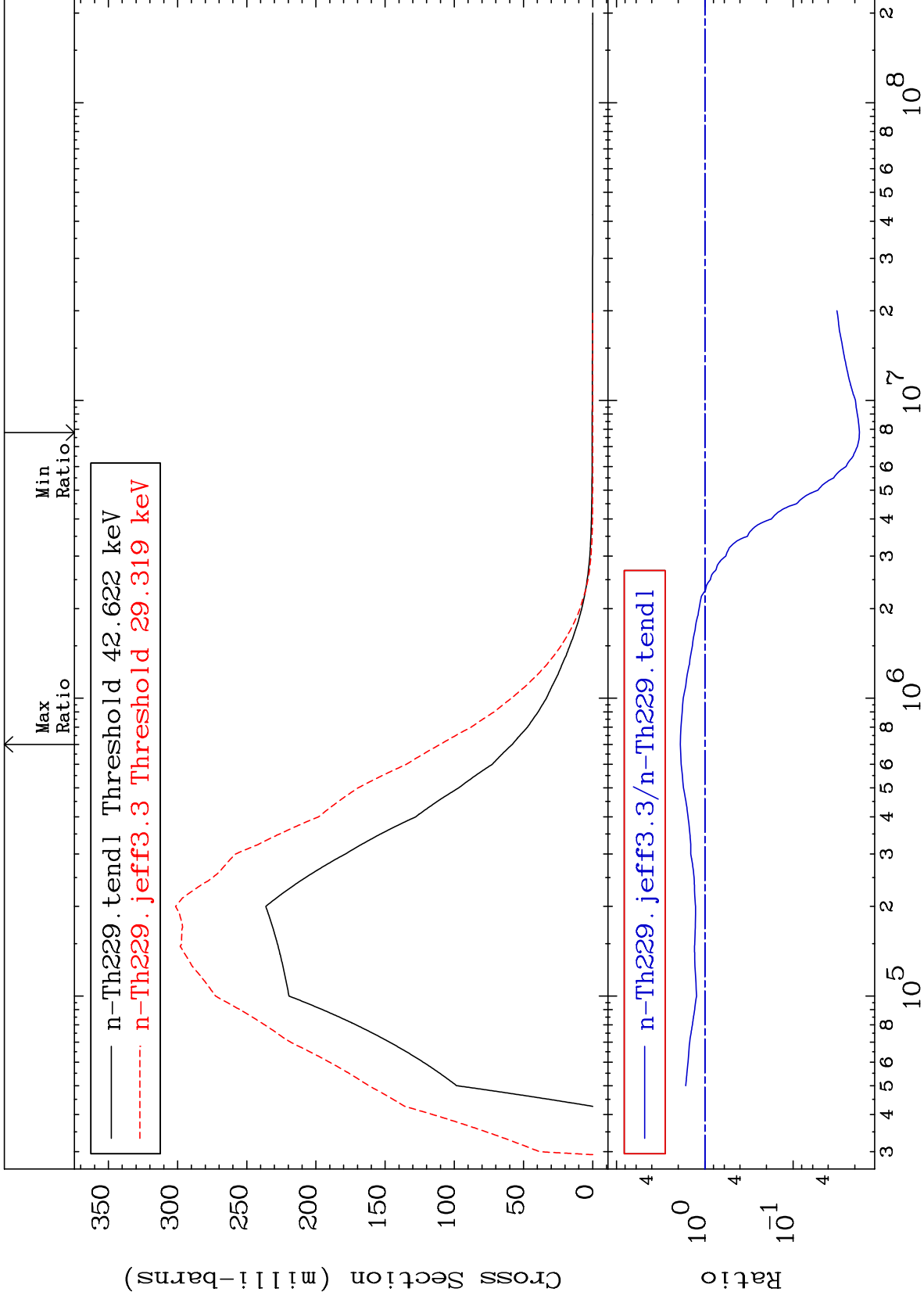
90-Th-229  
-56.41 To 808.9 %



MAT 9031

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

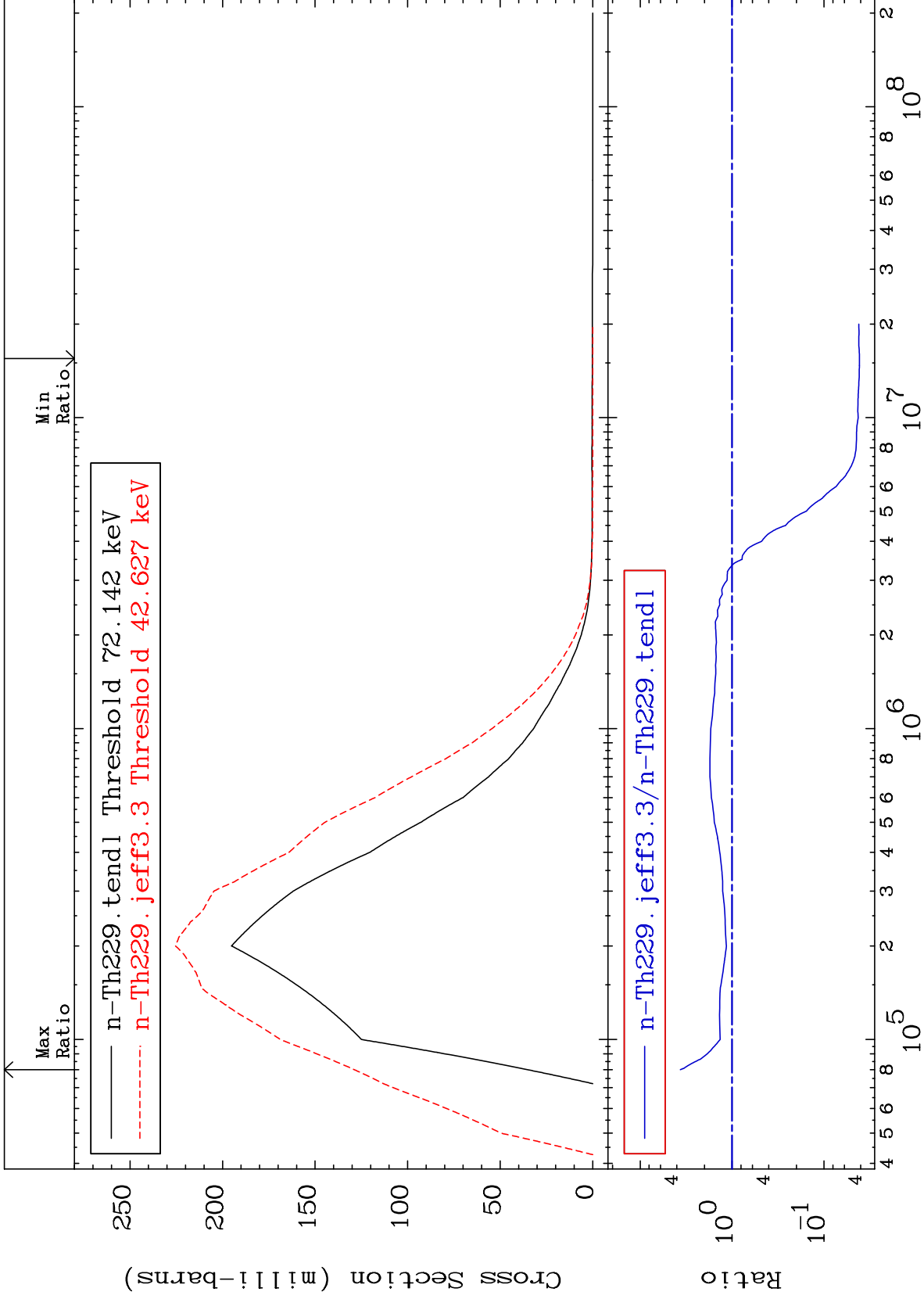
90-Th-229  
-98.23 To 89.34 %



MAT 9031

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

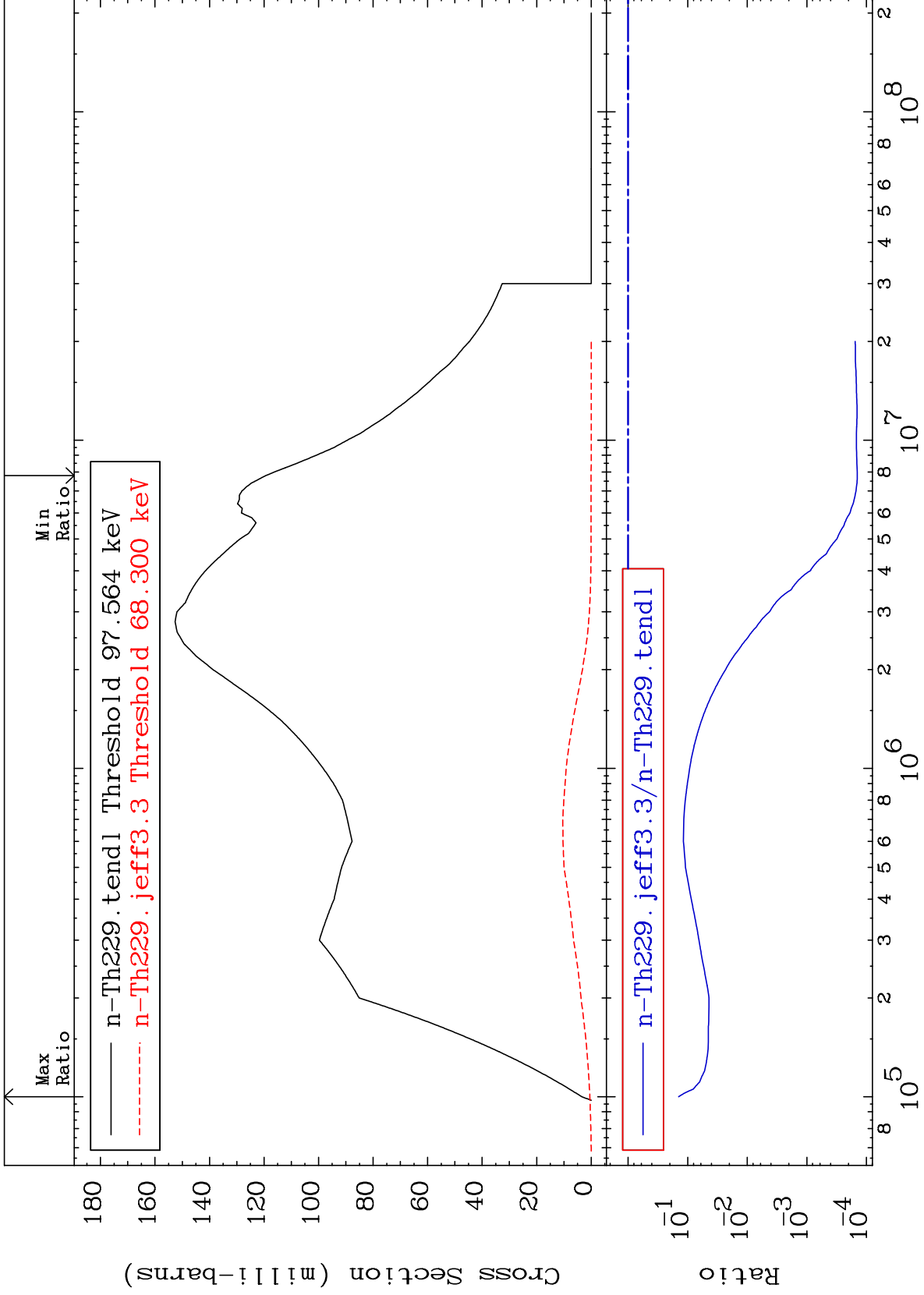
90-Th-229  
-95.88 To 265.6 %



MAT 9031

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

90-Th-229  
-99.99 To -85.80%



16

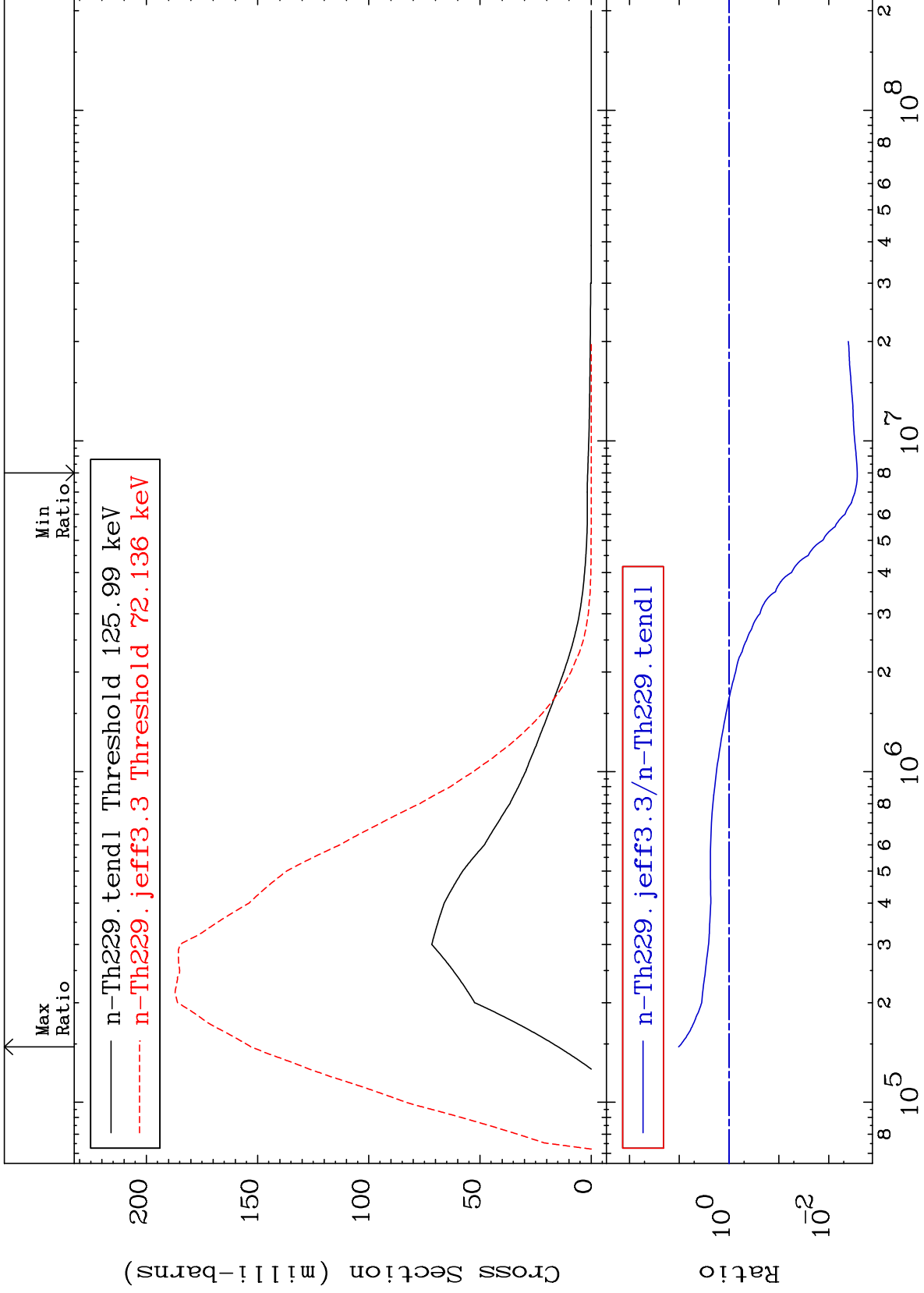
Incident Energy (eV)

90-Th-229

MAT 9031

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

90-Th-229  
-99.73 To 928.7 %



17

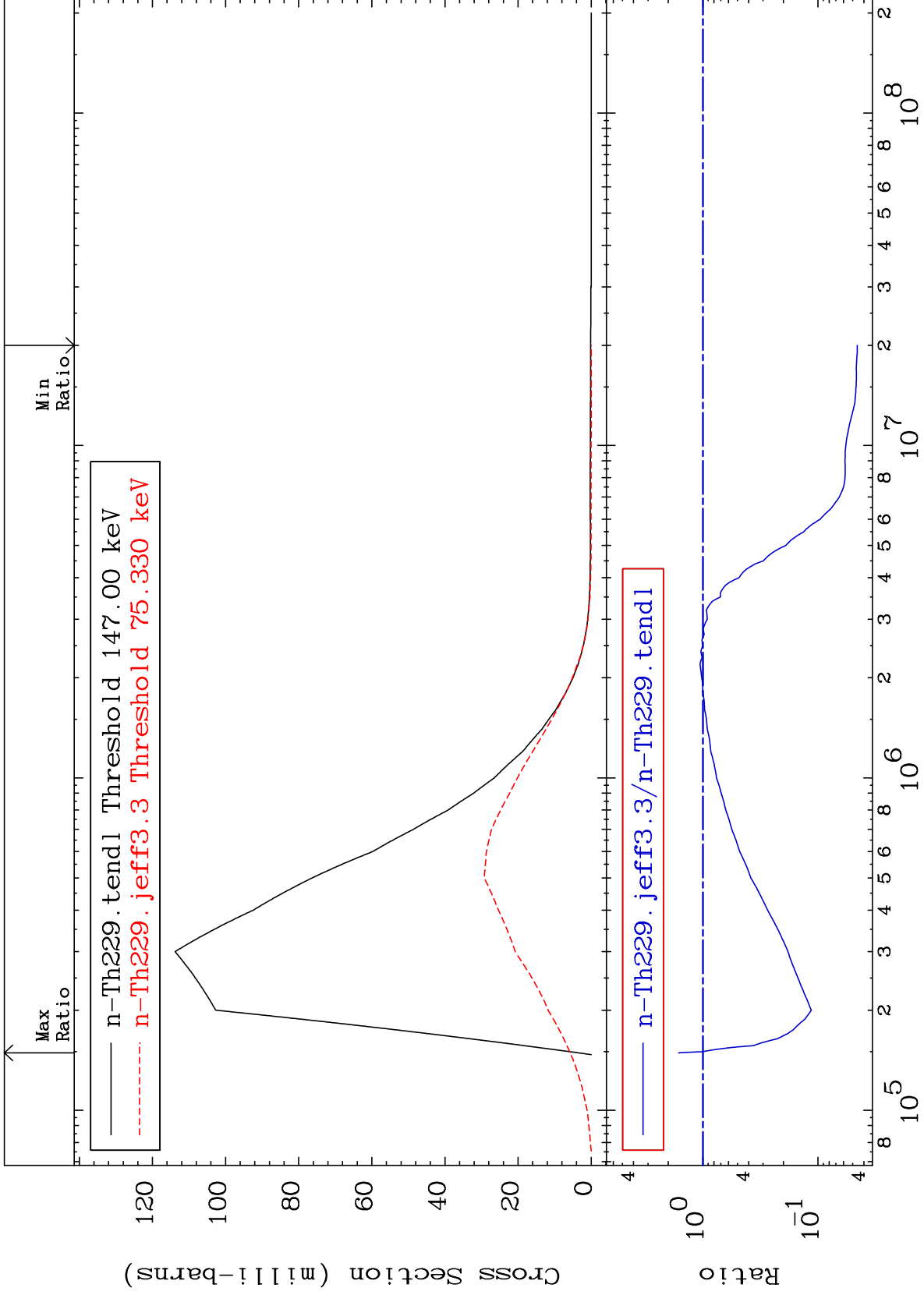
Incident Energy (eV)

90-Th-229

MAT 9031

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

90-Th-229  
-95.44 To 62.39 %



18

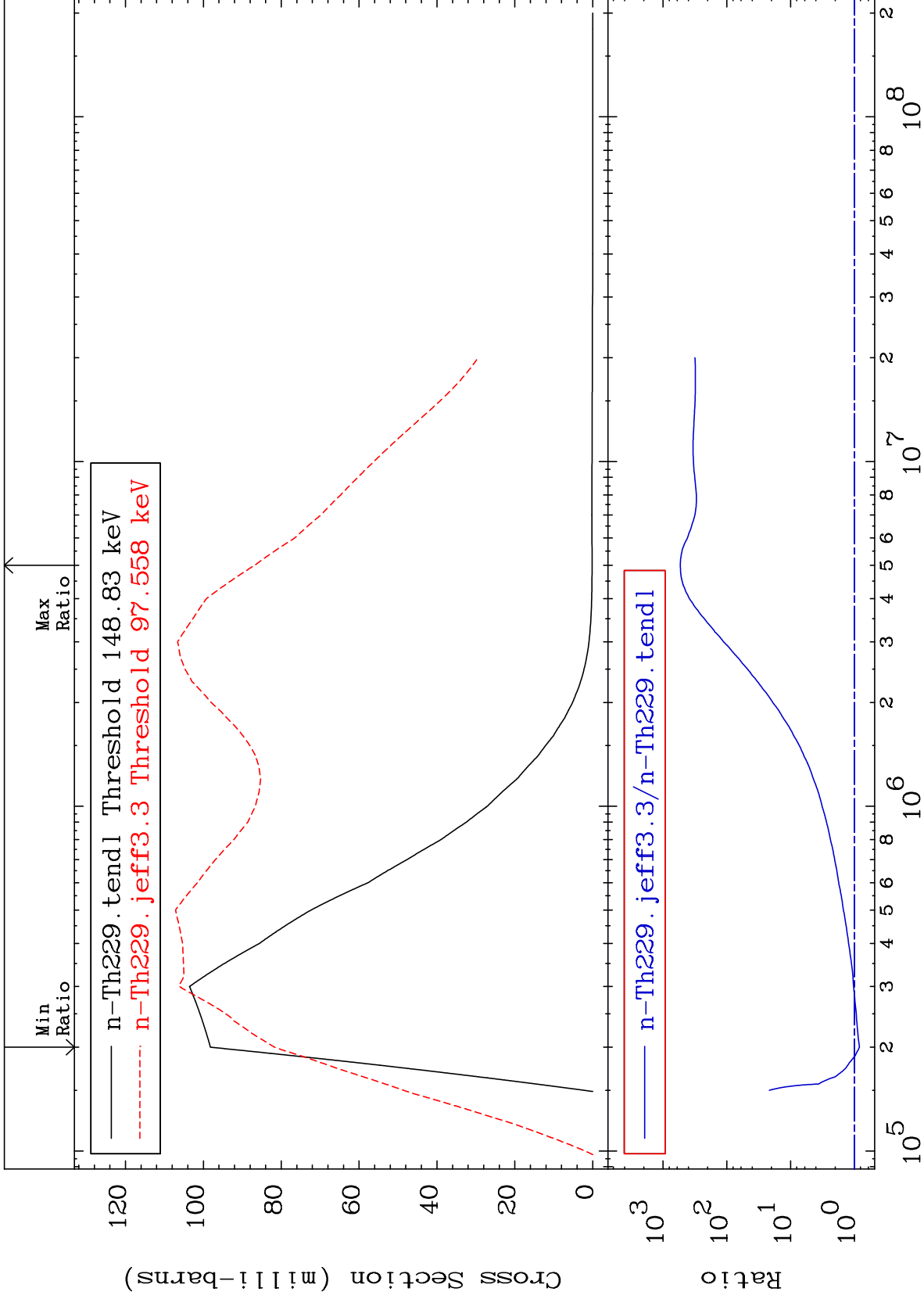
Incident Energy (eV)

90-Th-229

MAT 9031

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

90-Th-229  
-16.79 To 9999. %

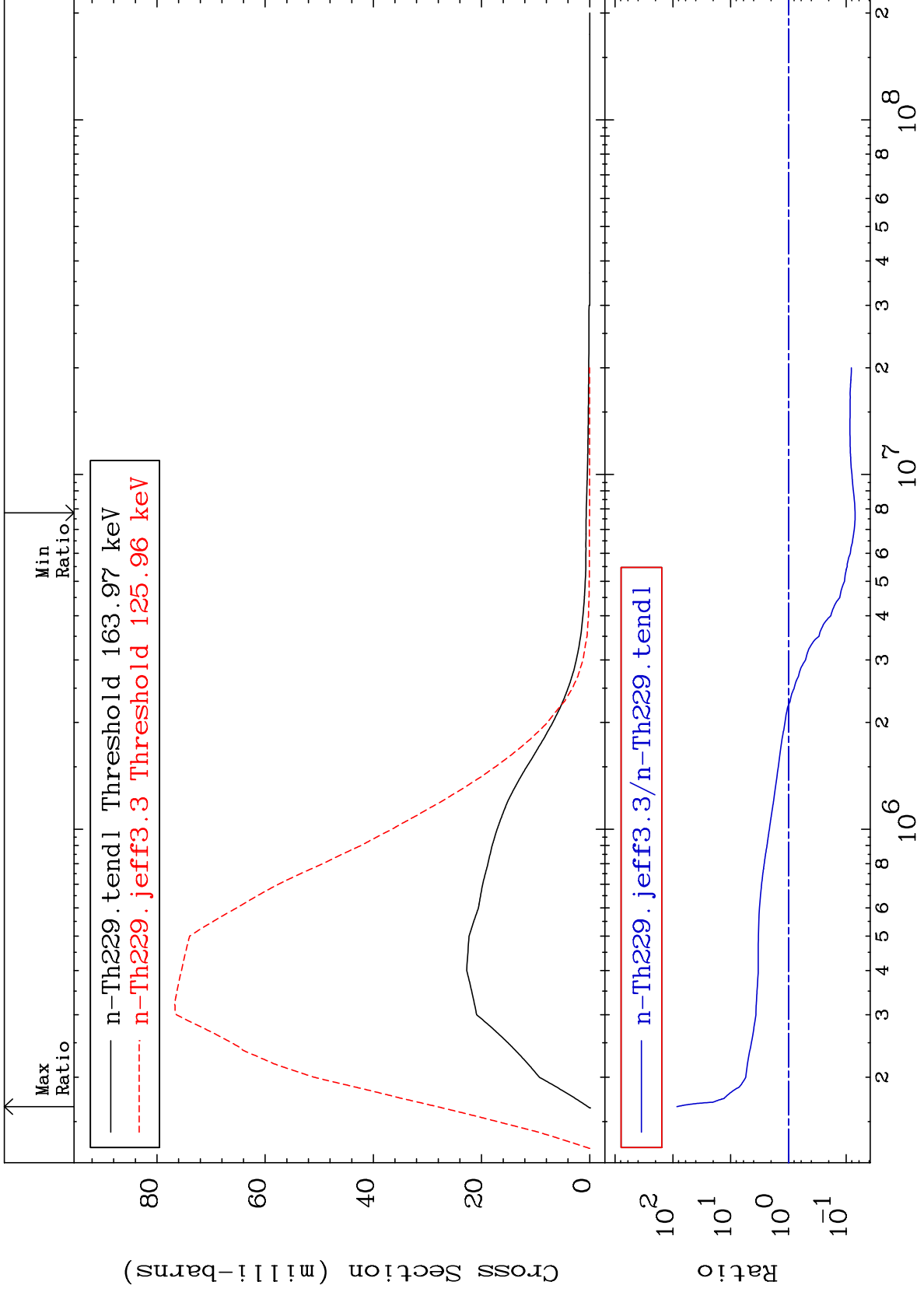


19

MAT 9031

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

90-Th-229  
-92.99 To 8400. %



20

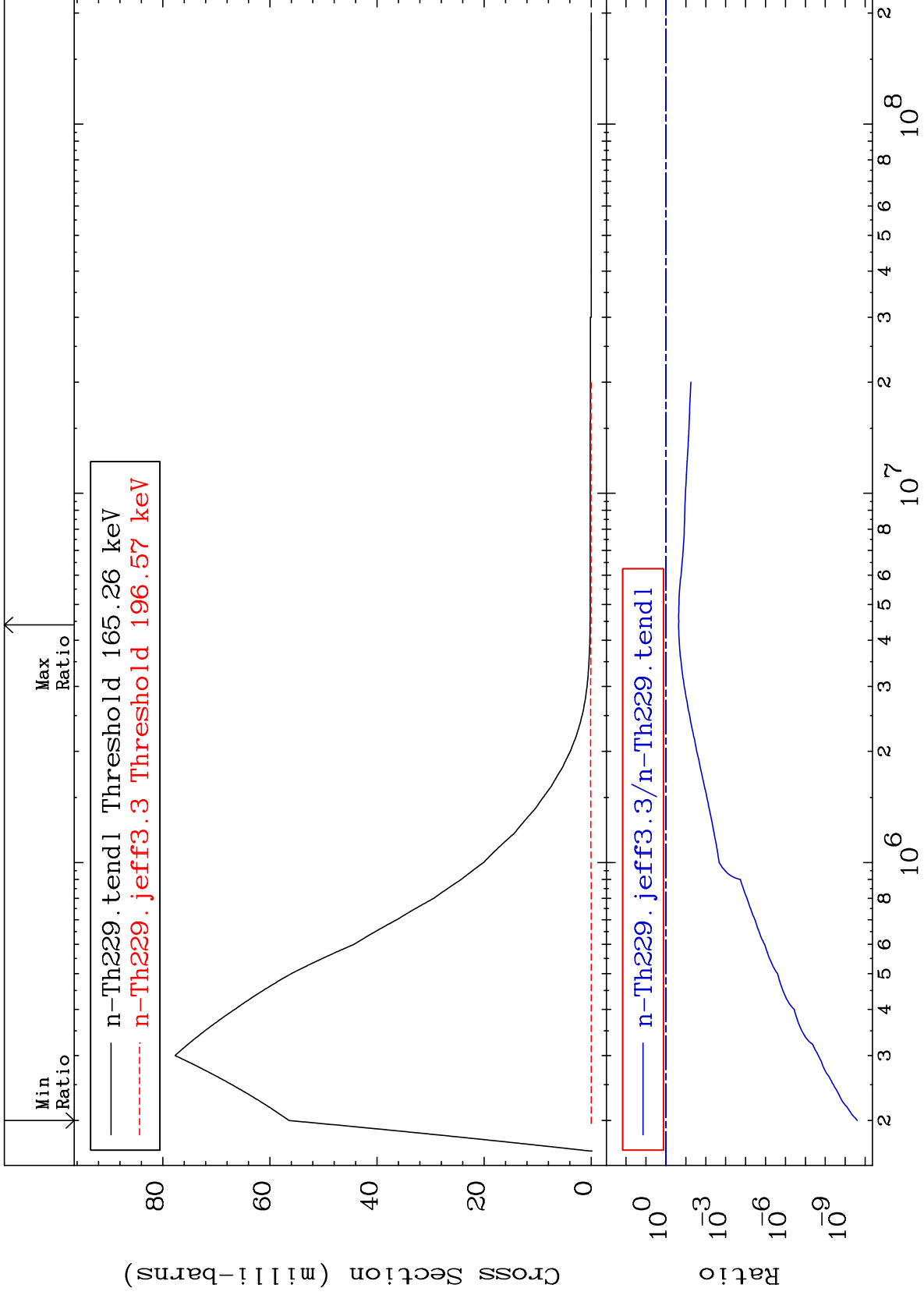
Incident Energy (eV)

90-Th-229

MAT 9031

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

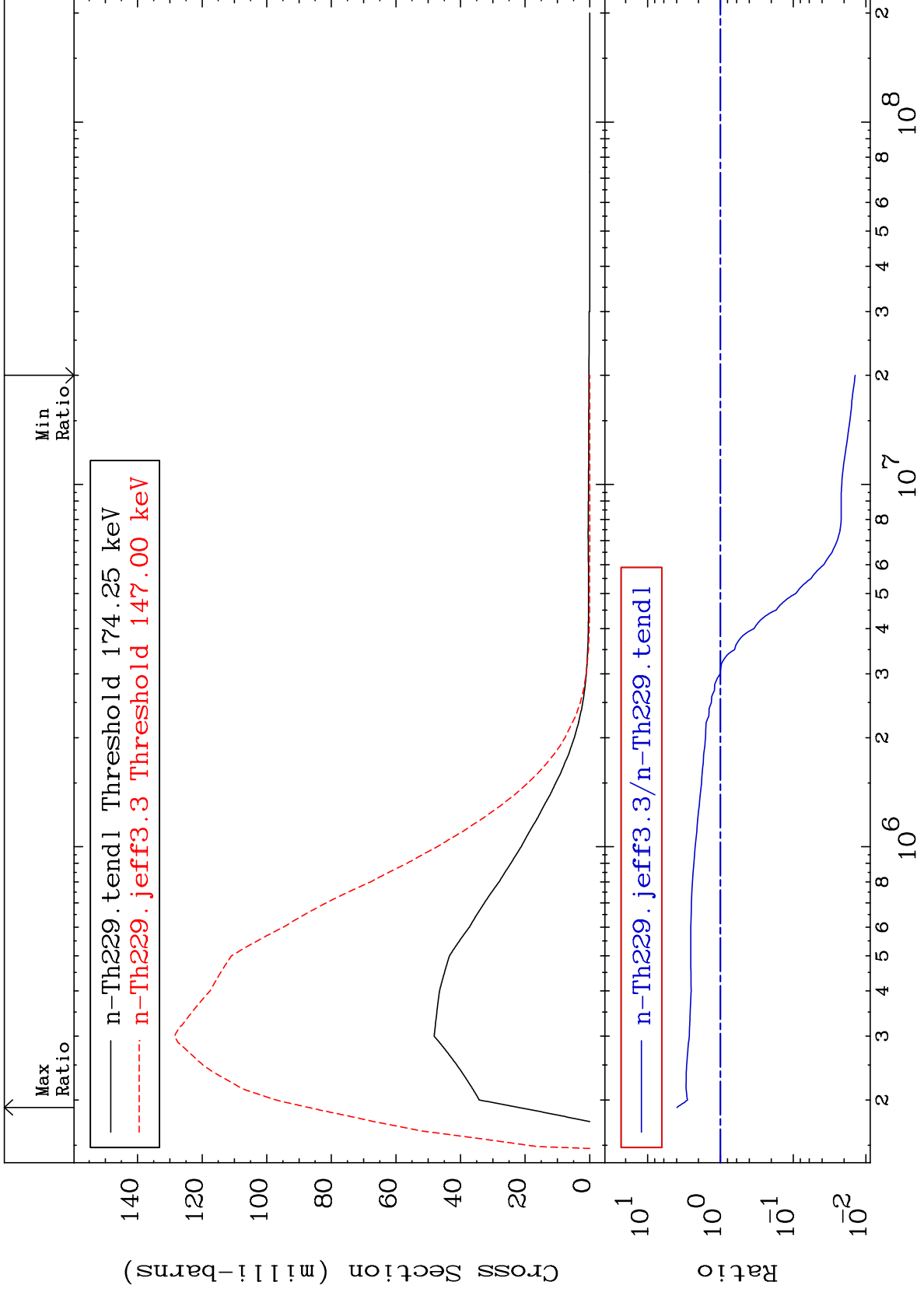
90-Th-229  
-100.0 To -77.07%



MAT 9031

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

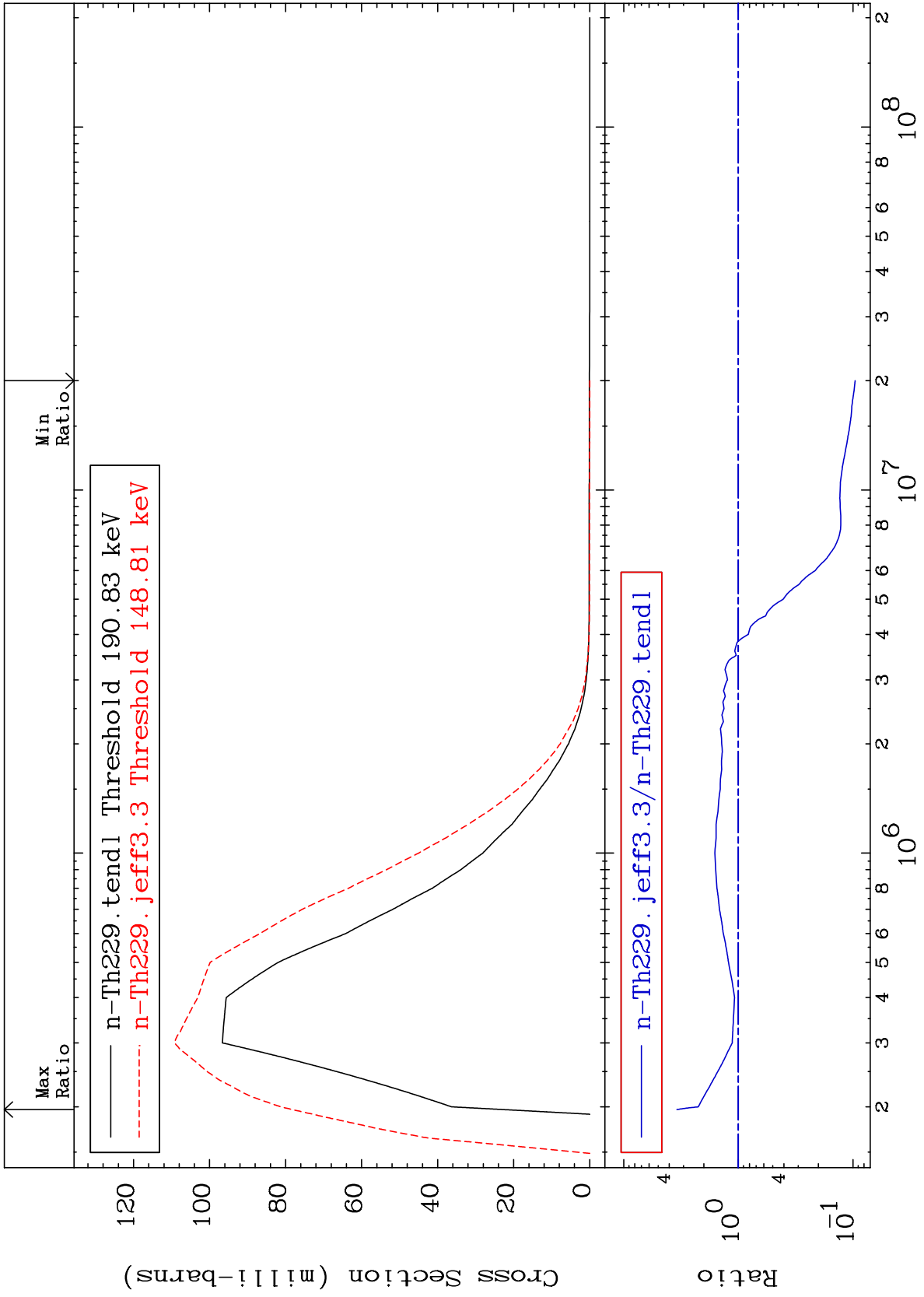
90-Th-229  
-98.59 To 295.8 %



MAT 9031

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

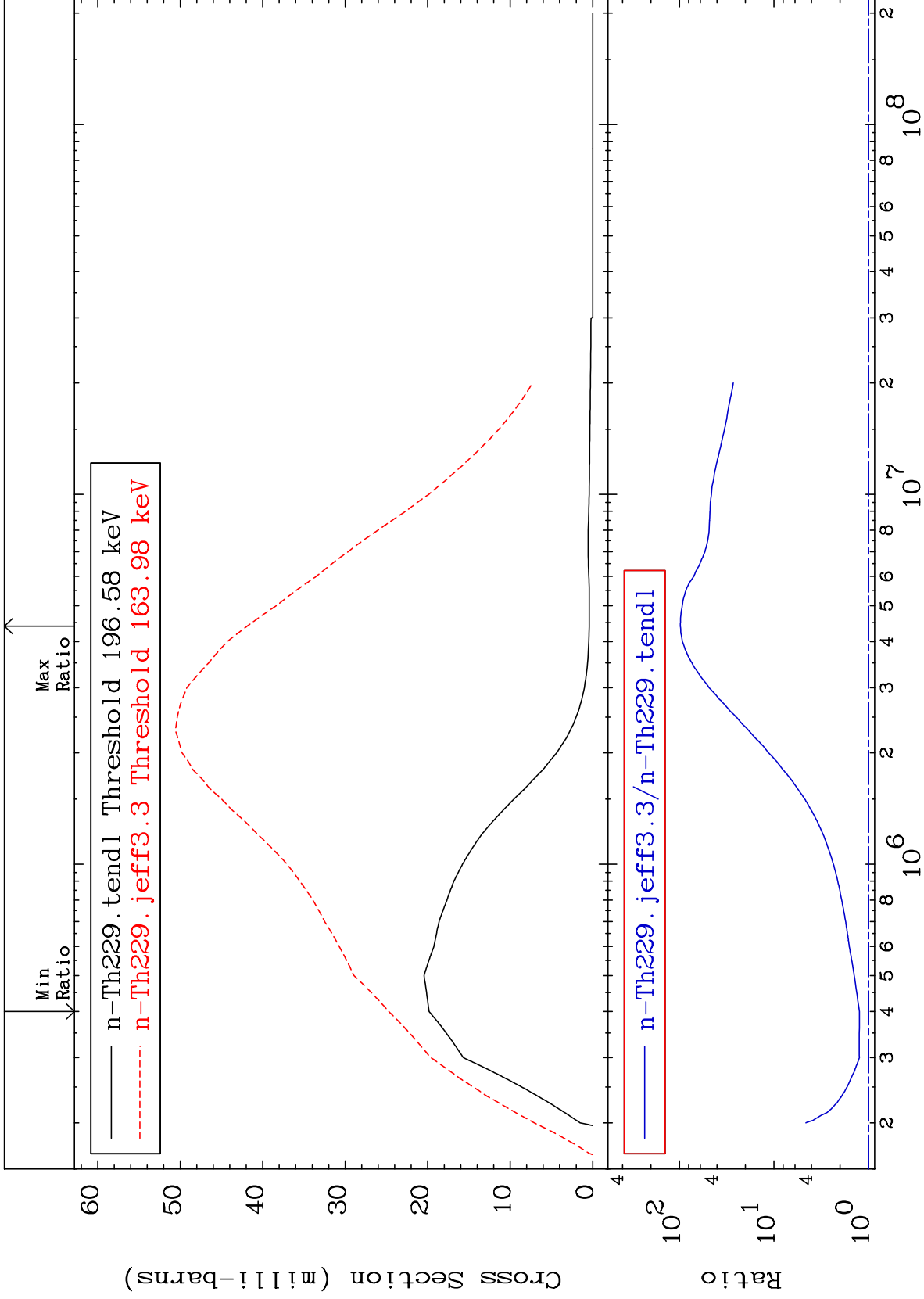
90-Th-229  
-90.43 To 243.1 %



MAT 9031

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

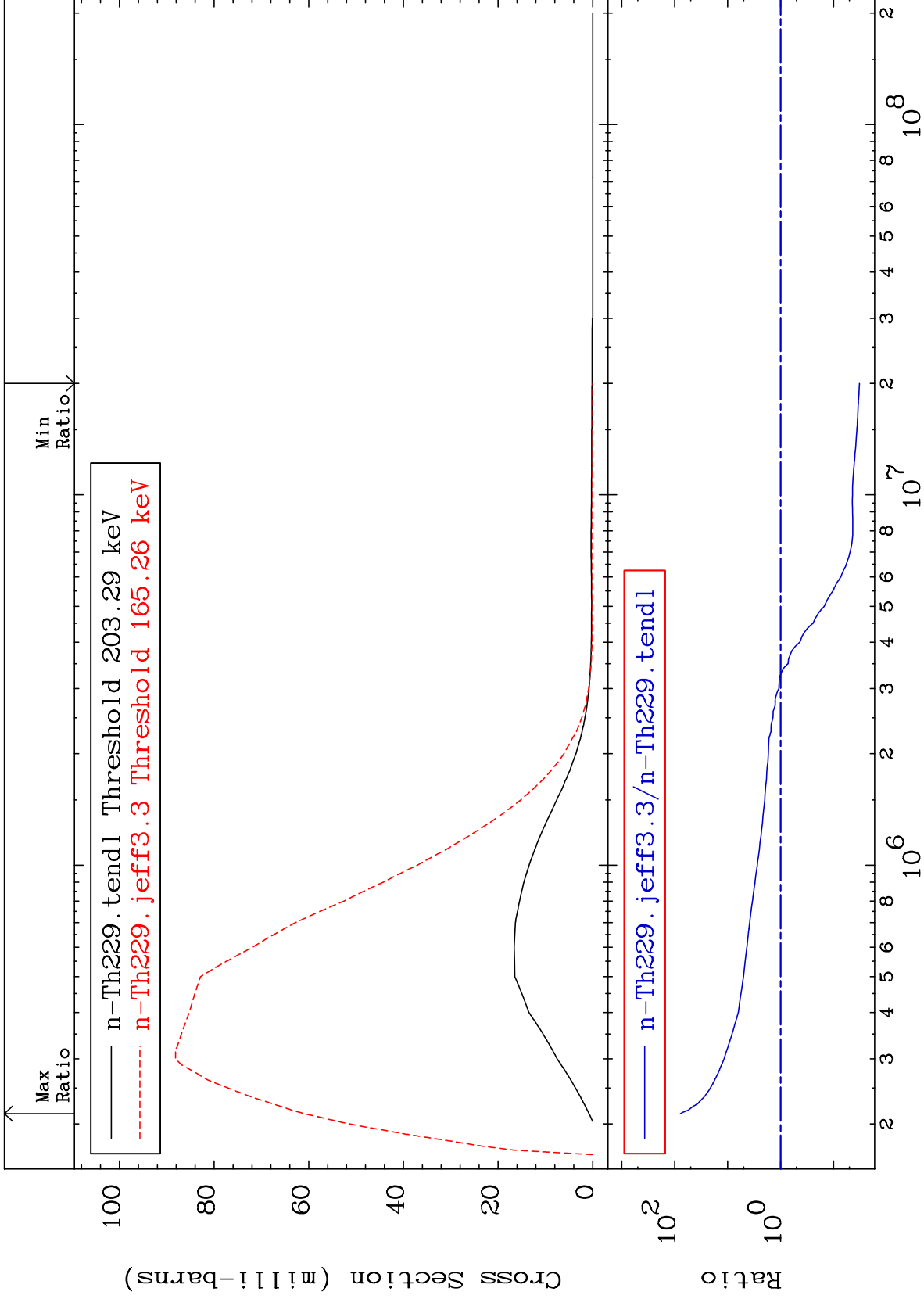
90-Th-229  
24.65 To 9666. %



MAT 9031

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

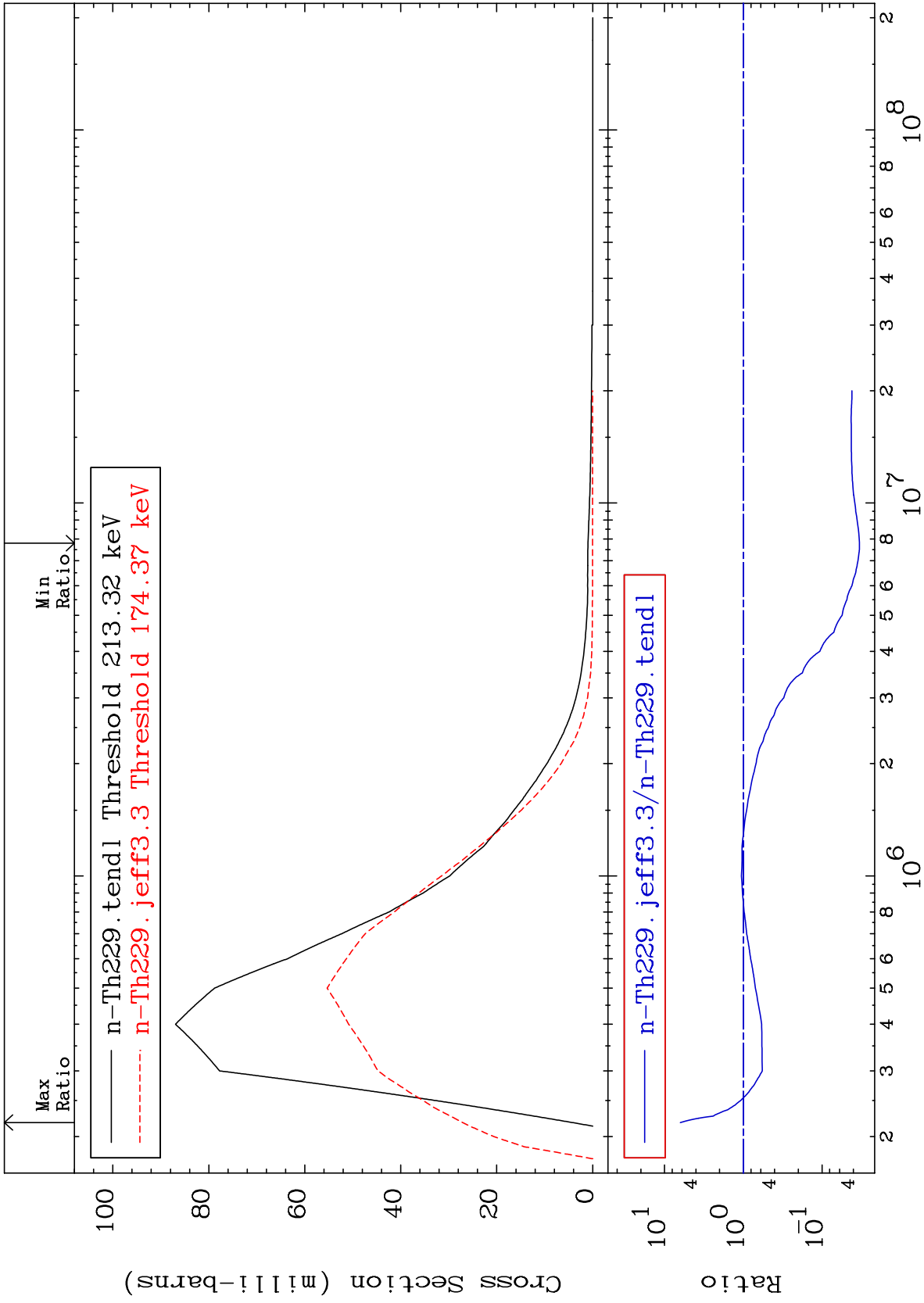
90-Th-229  
-96.75 To 7734. %



MAT 9031

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

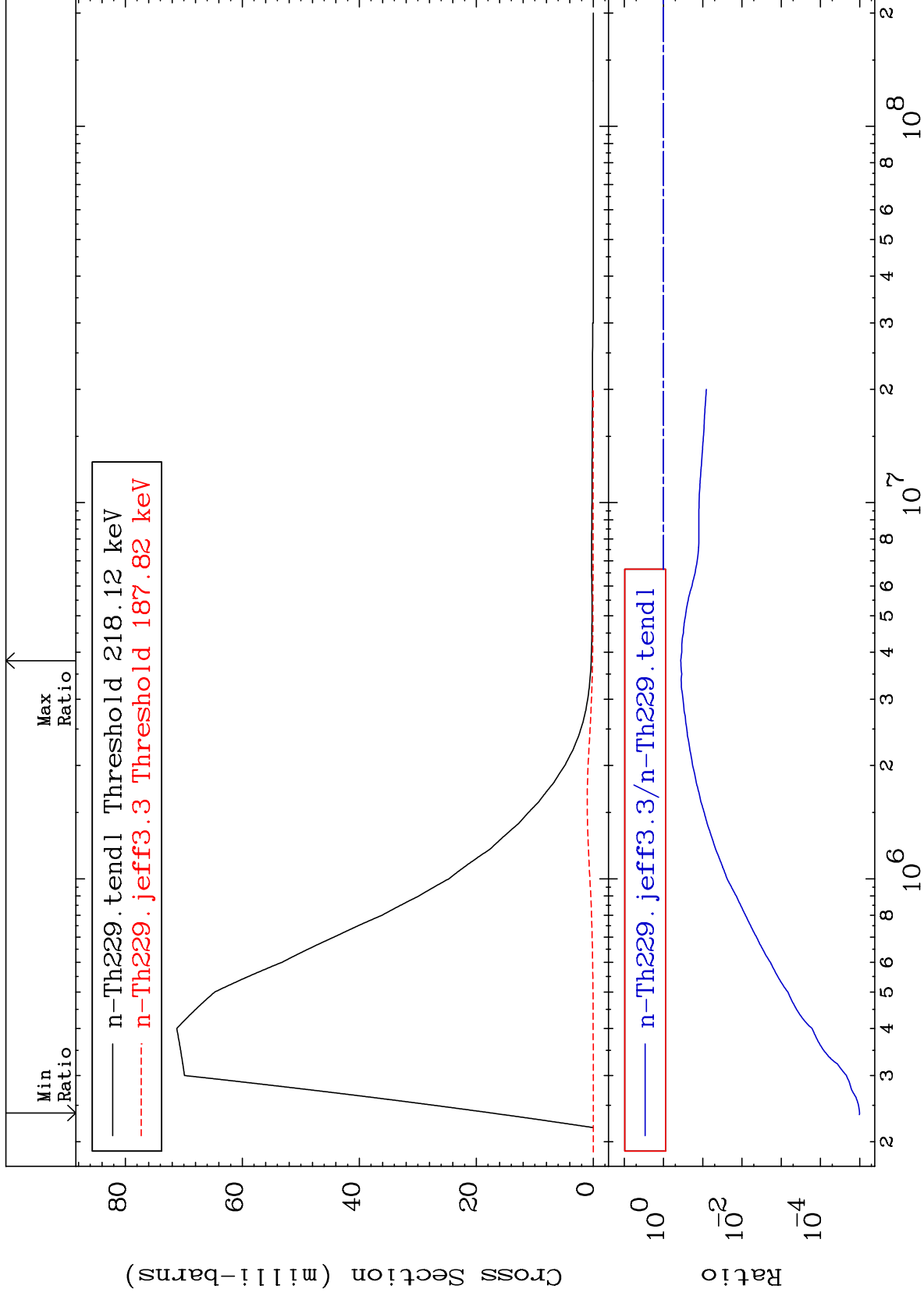
90-Th-229  
-96.65 To 530.0 %



MAT 9031

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

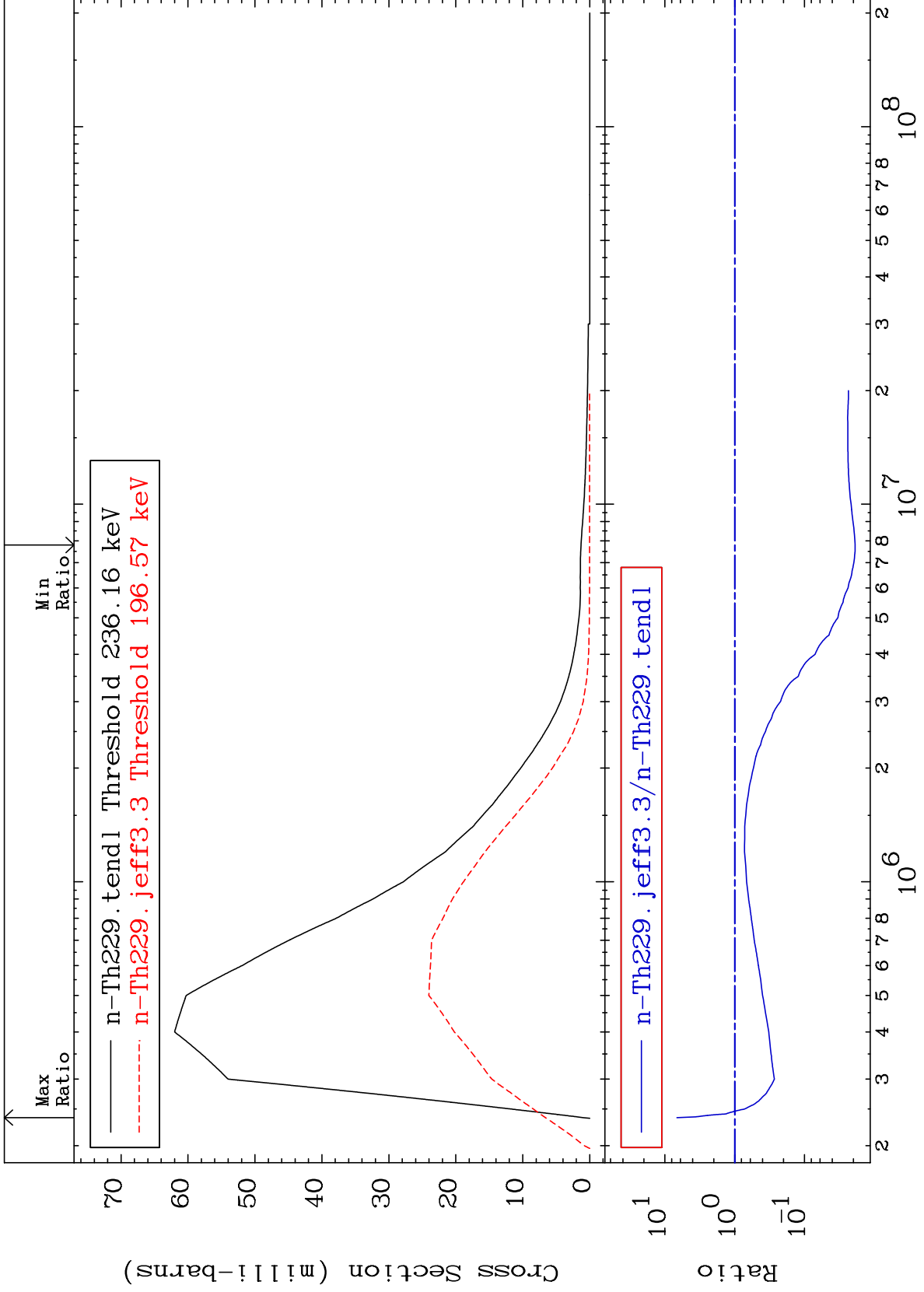
90-Th-229  
-100.0 To -63.64%



MAT 9031

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

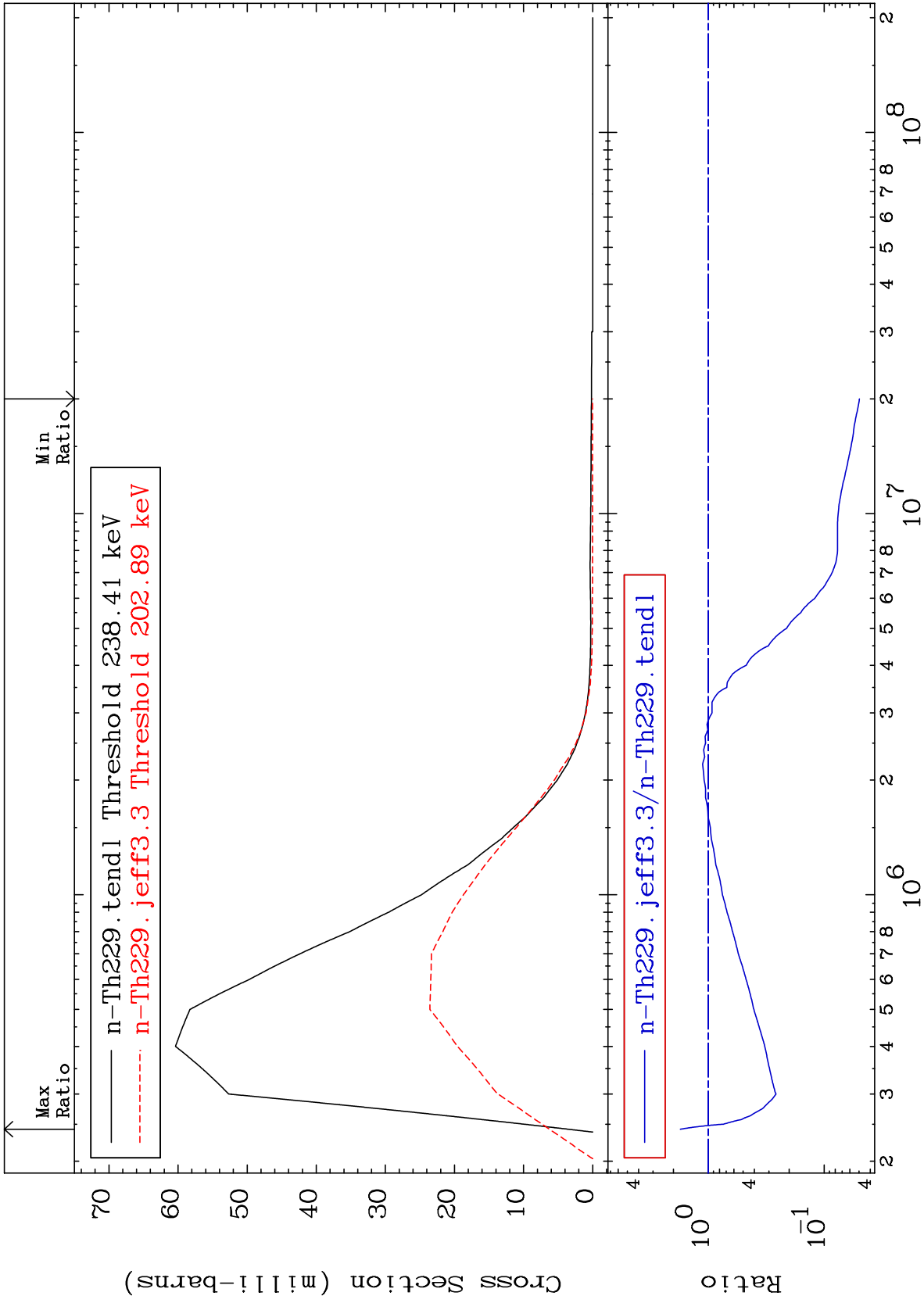
90-Th-229  
-98.11 To 572.7 %



MAT 9031

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

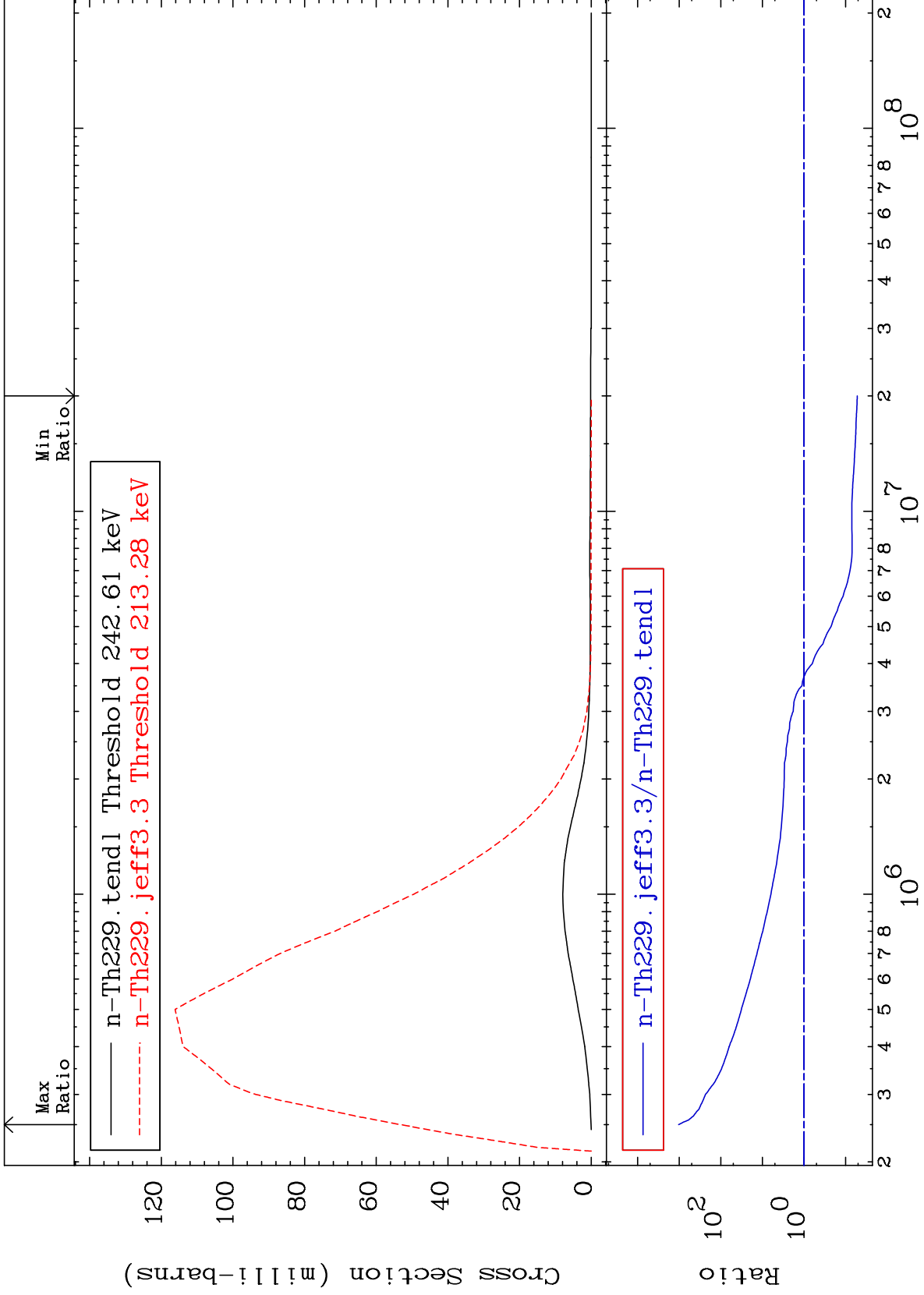
90-Th-229  
-95.05 To 74.16 %



MAT 9031

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

90-Th-229  
-94.74 To 9999. %



30

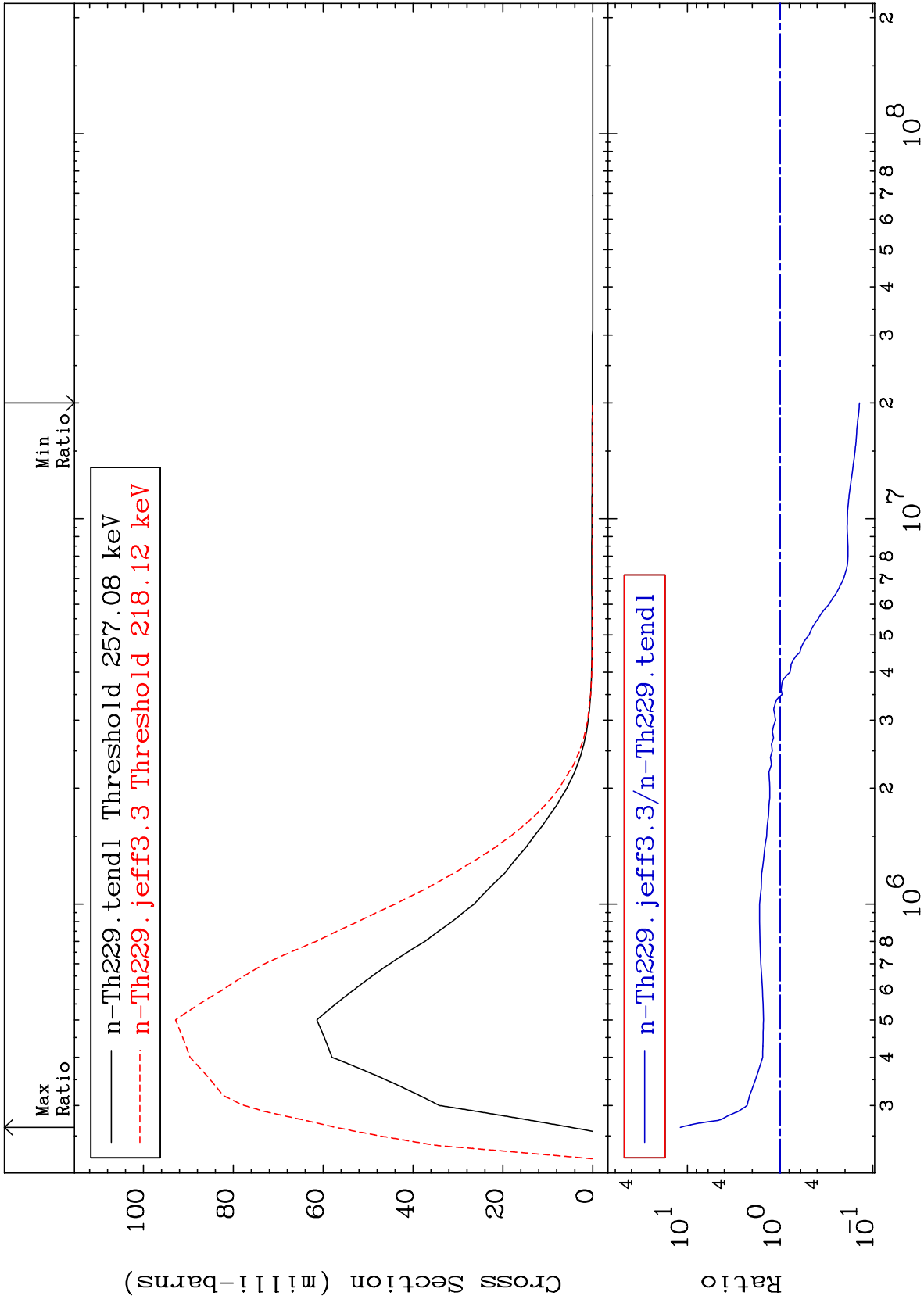
Incident Energy (eV)

90-Th-229

MAT 9031

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

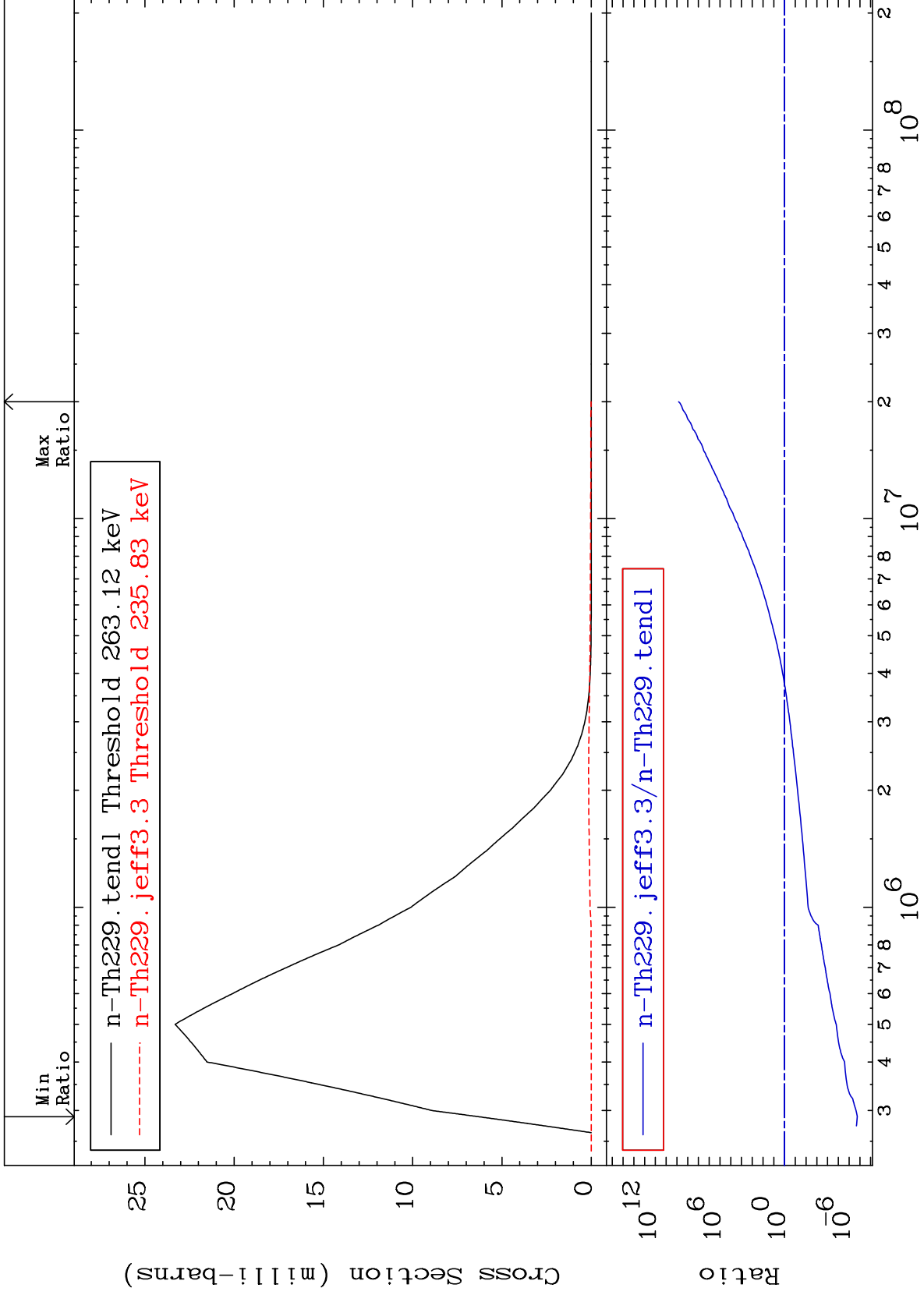
90-Th-229  
-86.04 To 1091. %



MAT 9031

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

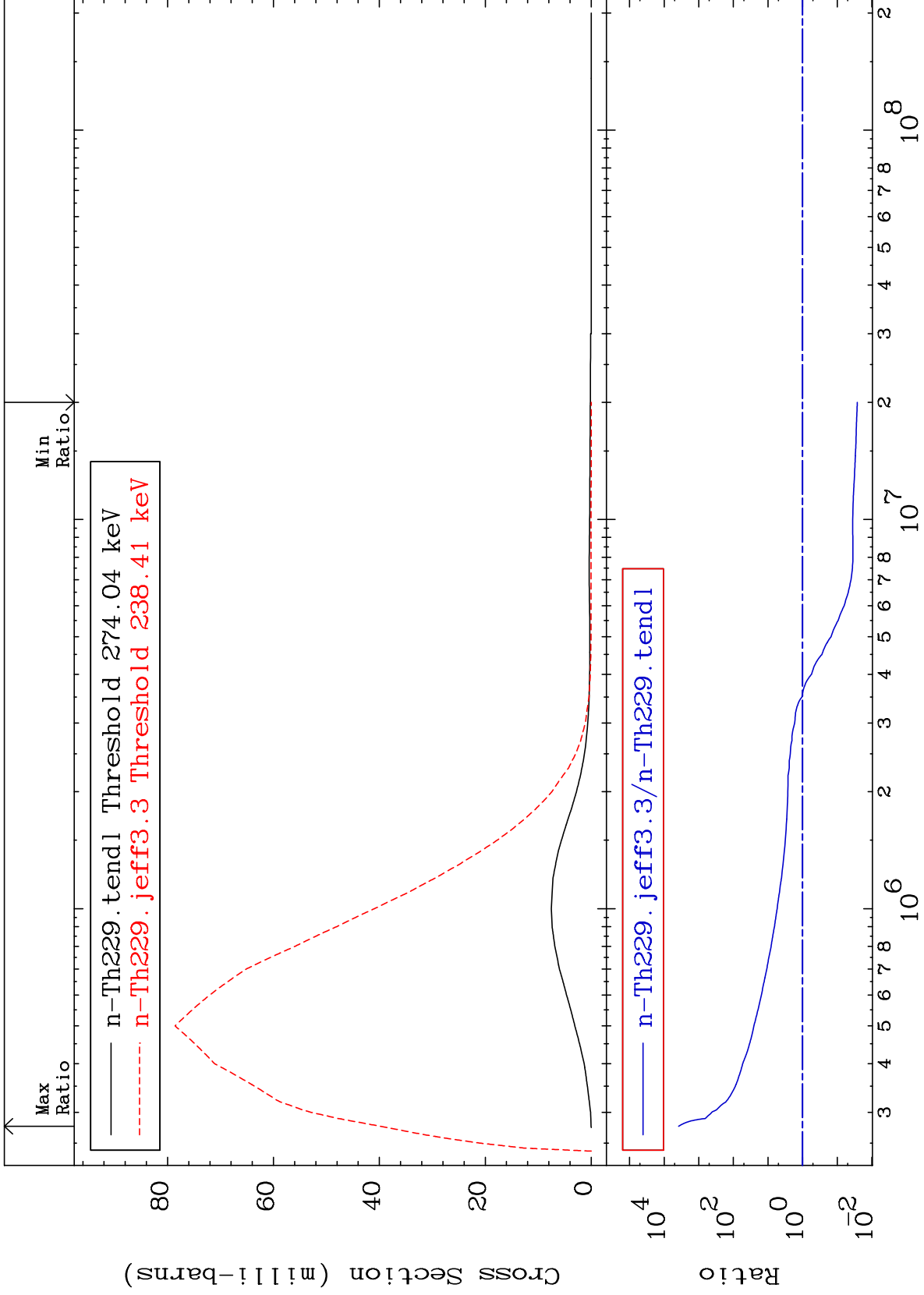
90-Th-229  
-100.0 To 9999. %



MAT 9031

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

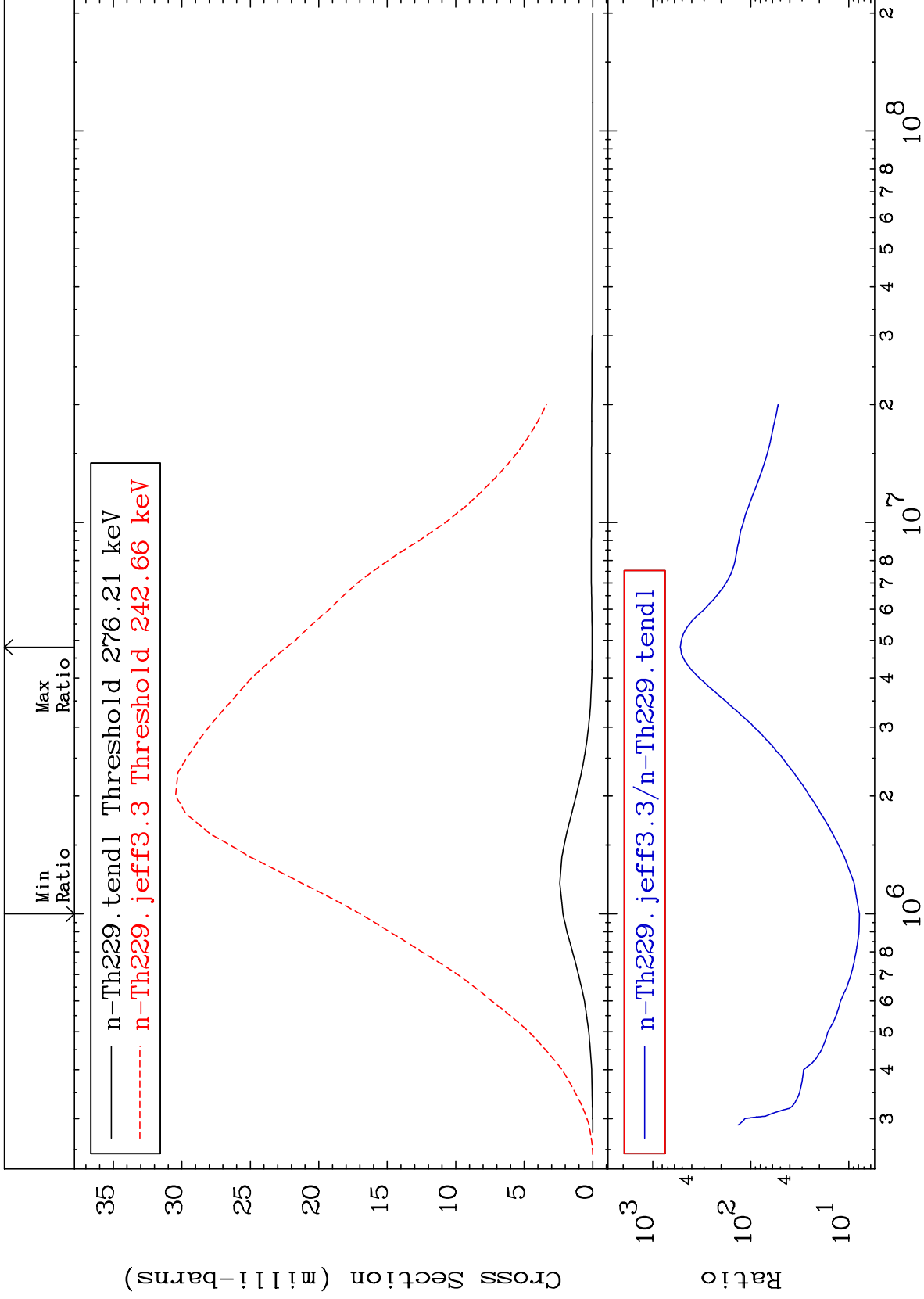
90-Th-229  
-97.36 To 9999. %



MAT 9031

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

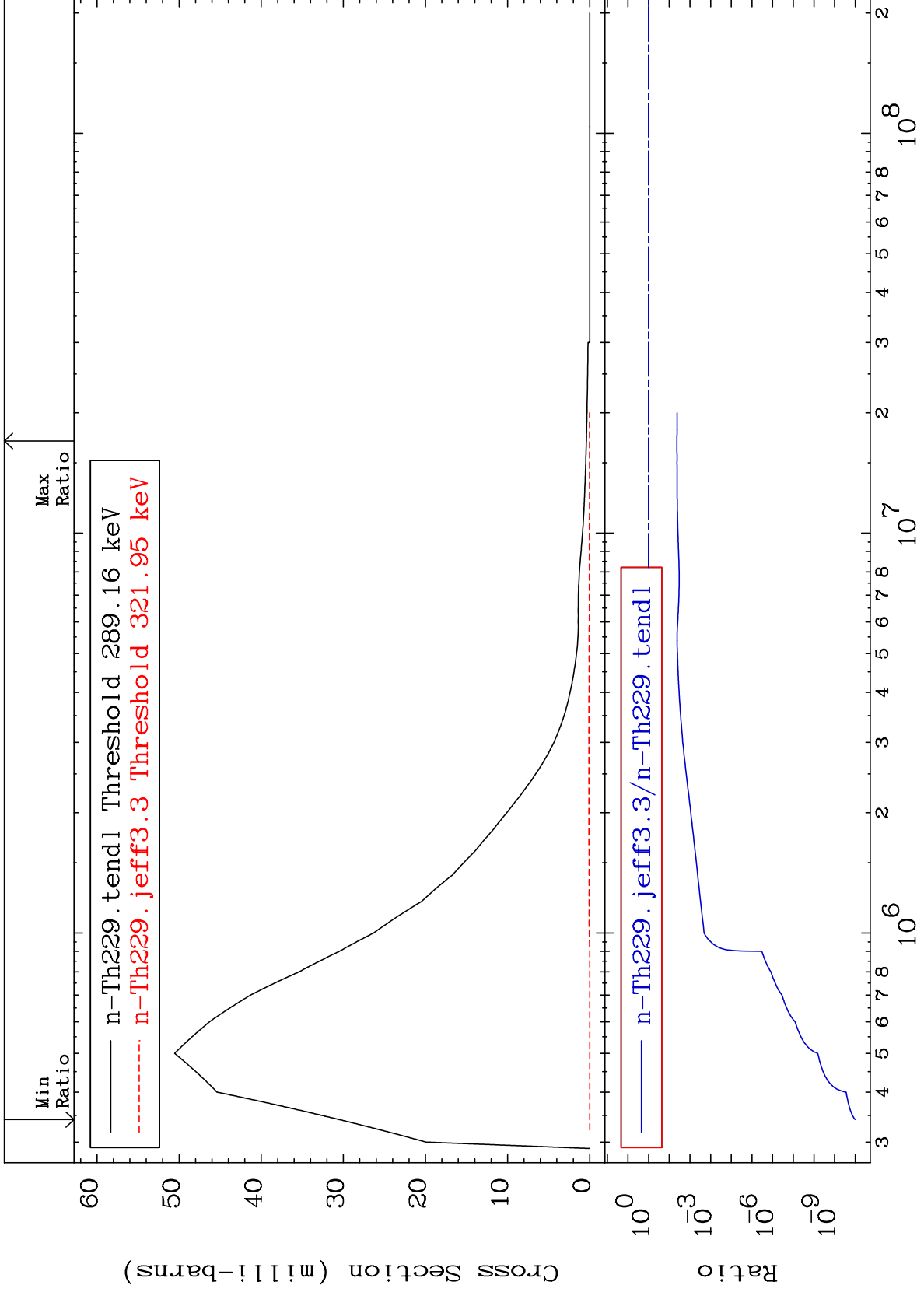
90-Th-229  
680.8 To 9999. %



MAT 9031

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

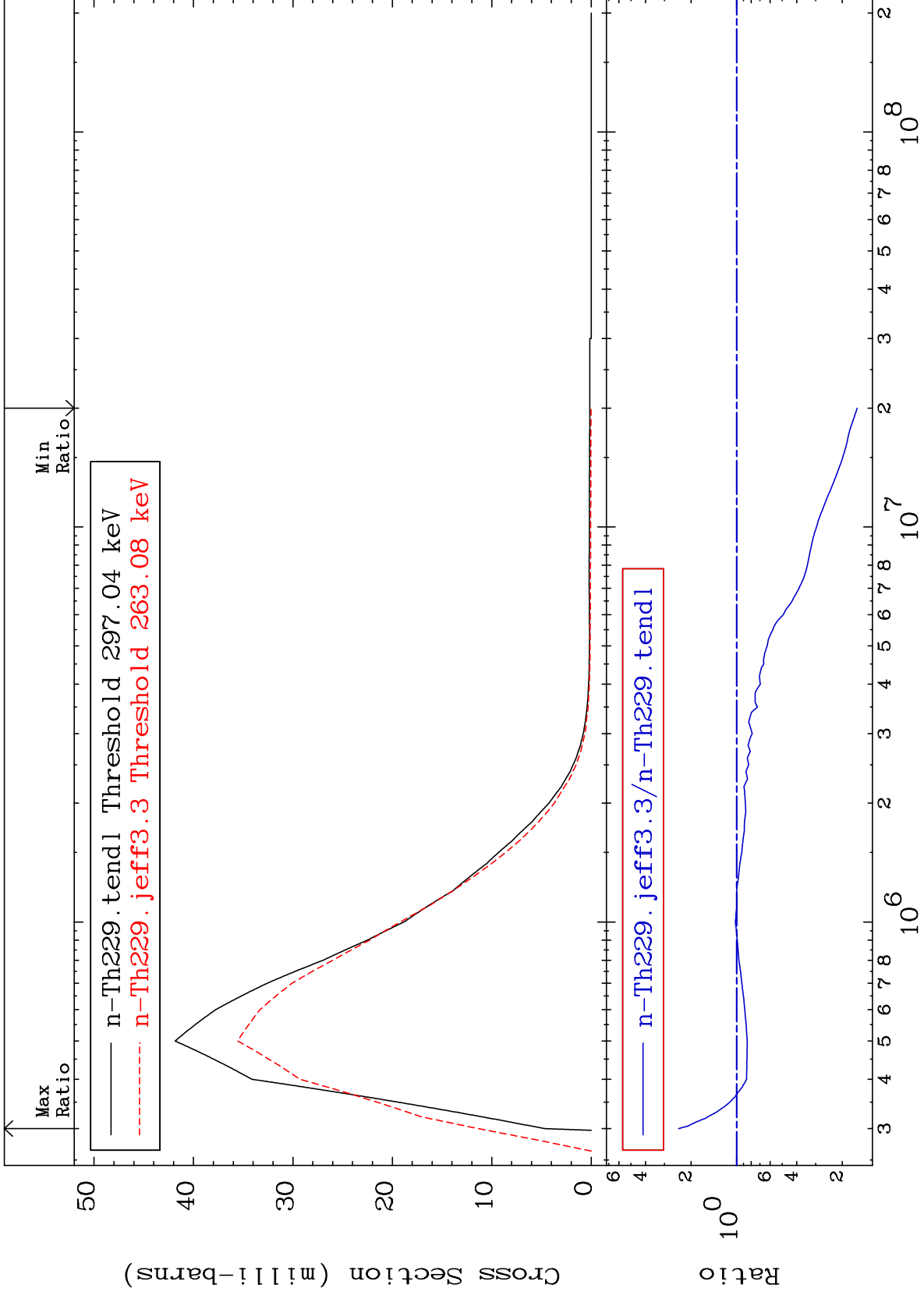
90-Th-229  
-100.0 To -95.72%



MAT 9031

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

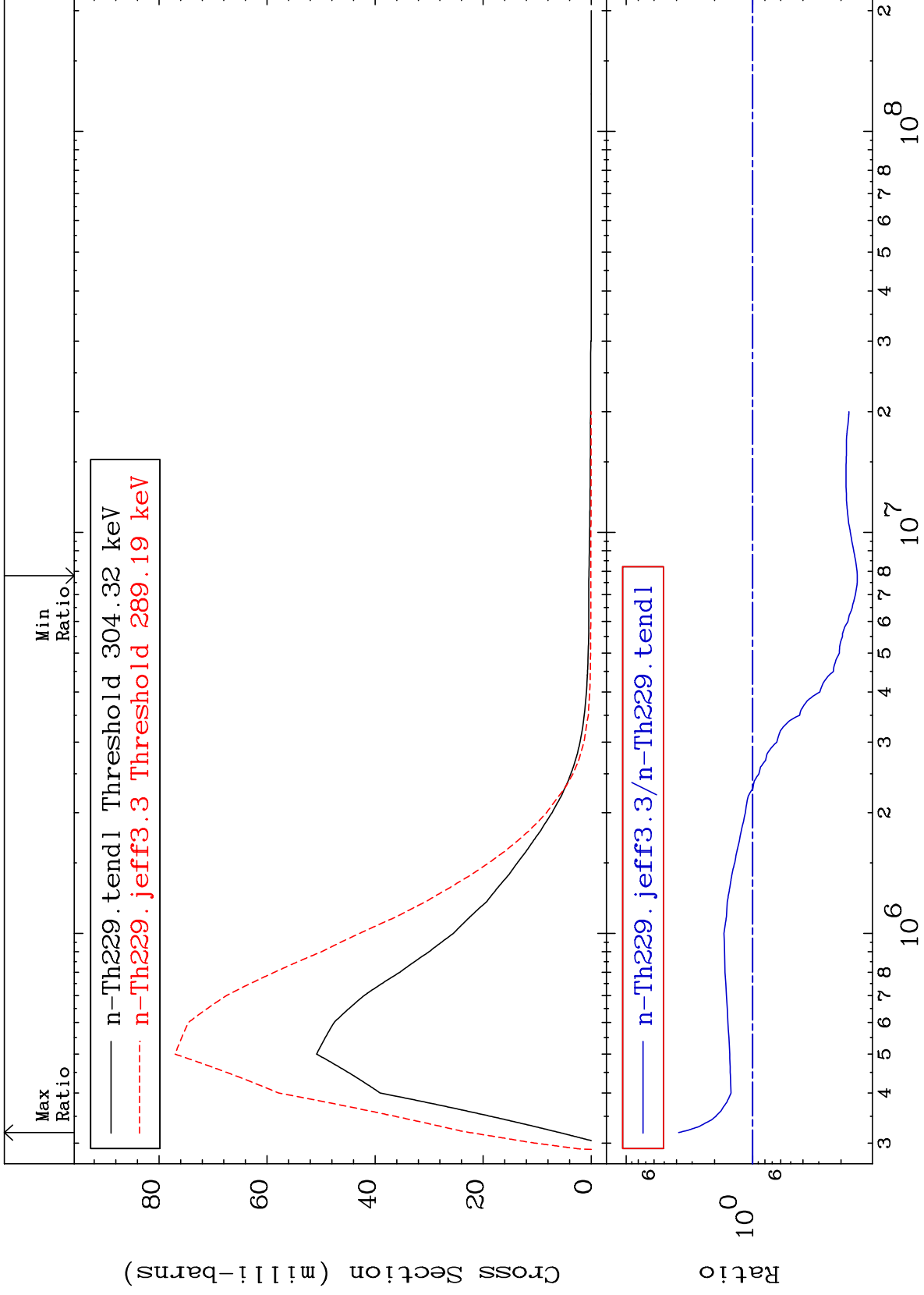
90-Th-229  
-84.09 To 141.6 %



MAT 9031

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

90-Th-229  
-85.14 To 284.1 %



37

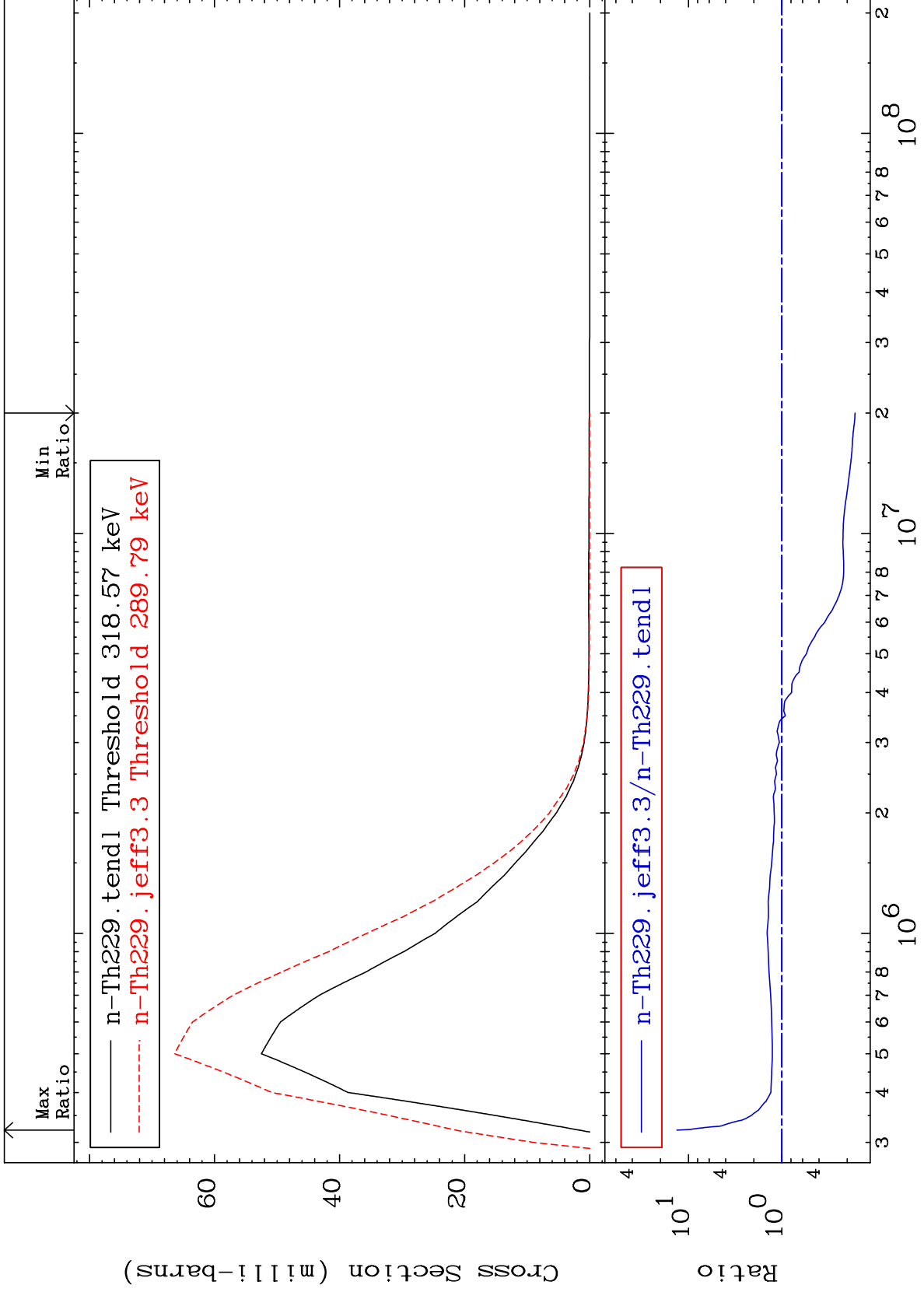
90-Th-229

90-Th-229

MAT 9031

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

90-Th-229  
-83.54 To 1231. %



38

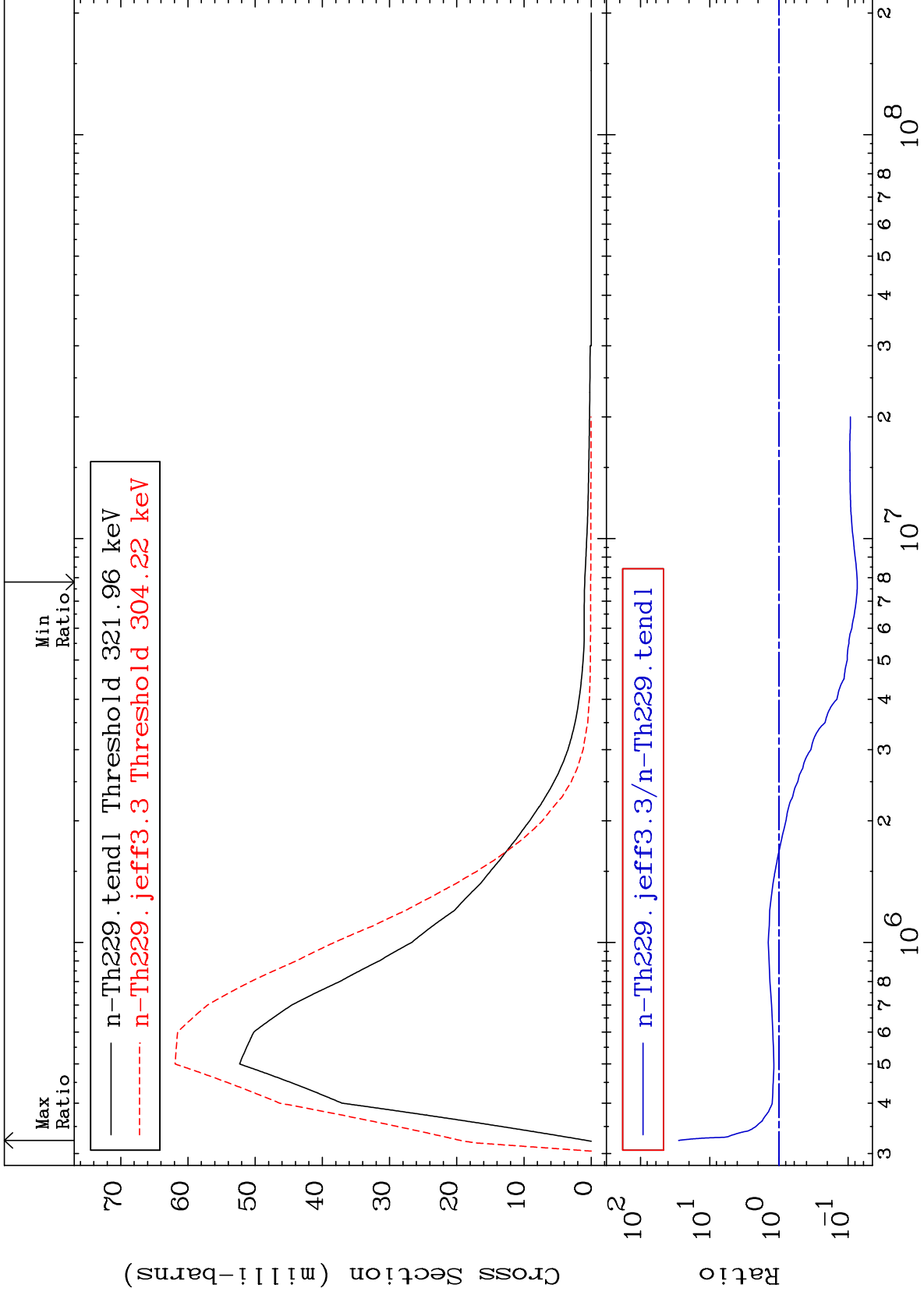
Incident Energy (eV)

90-Th-229

MAT 9031

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

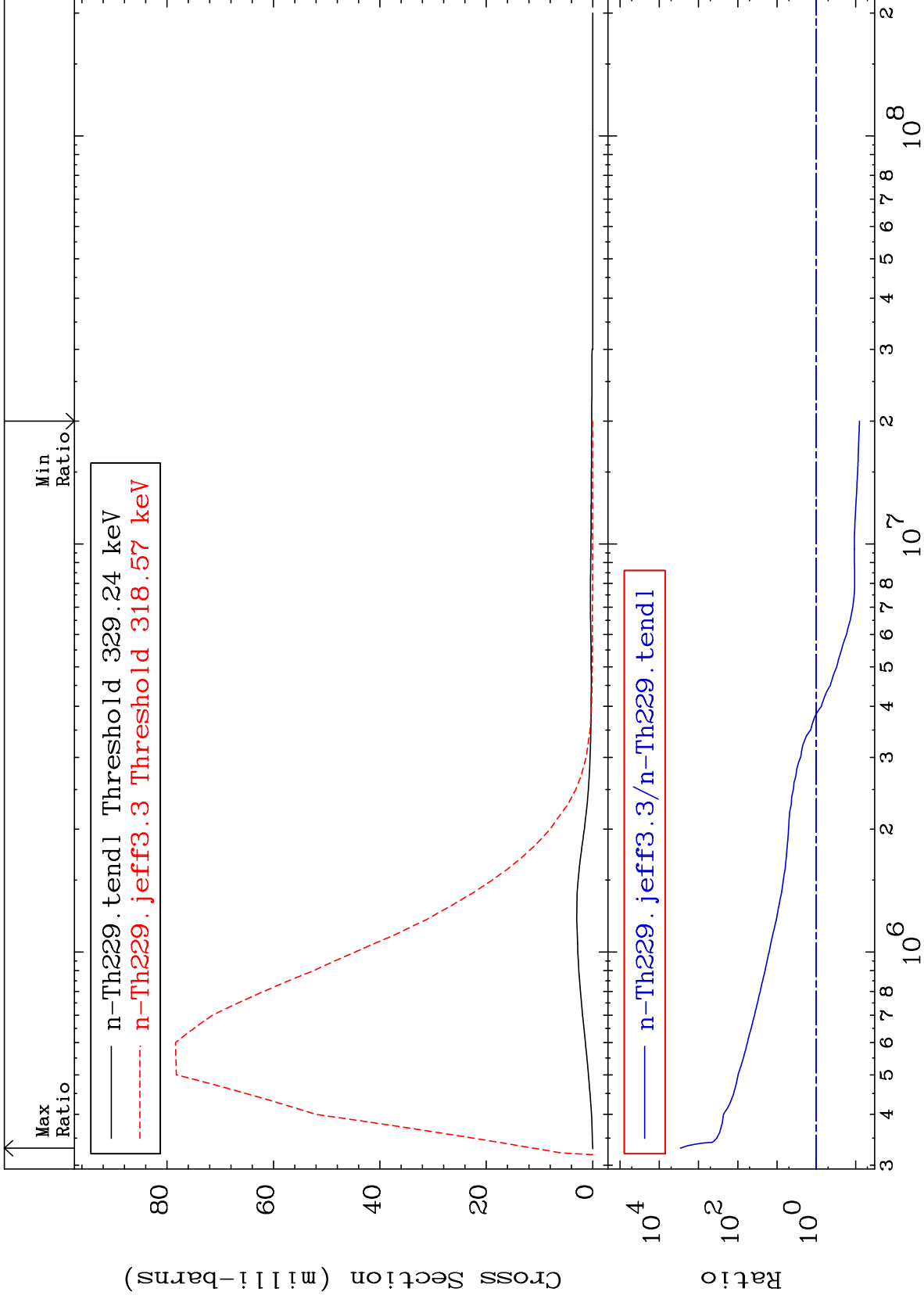
90-Th-229  
-92.61 To 2714. %



MAT 9031

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

90-Th-229  
-92.01 To 9999. %



40

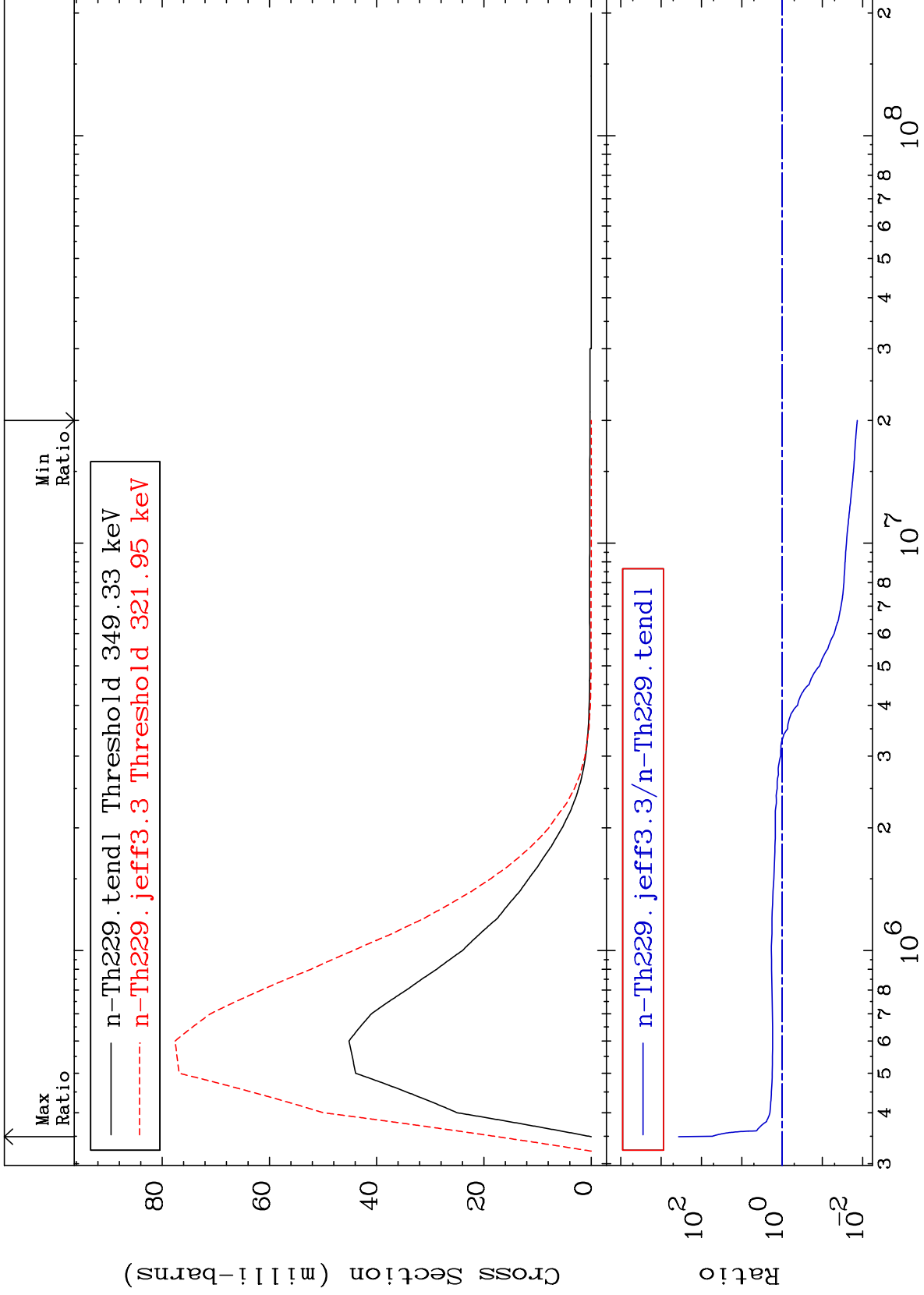
Incident Energy (eV)

90-Th-229

MAT 9031

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

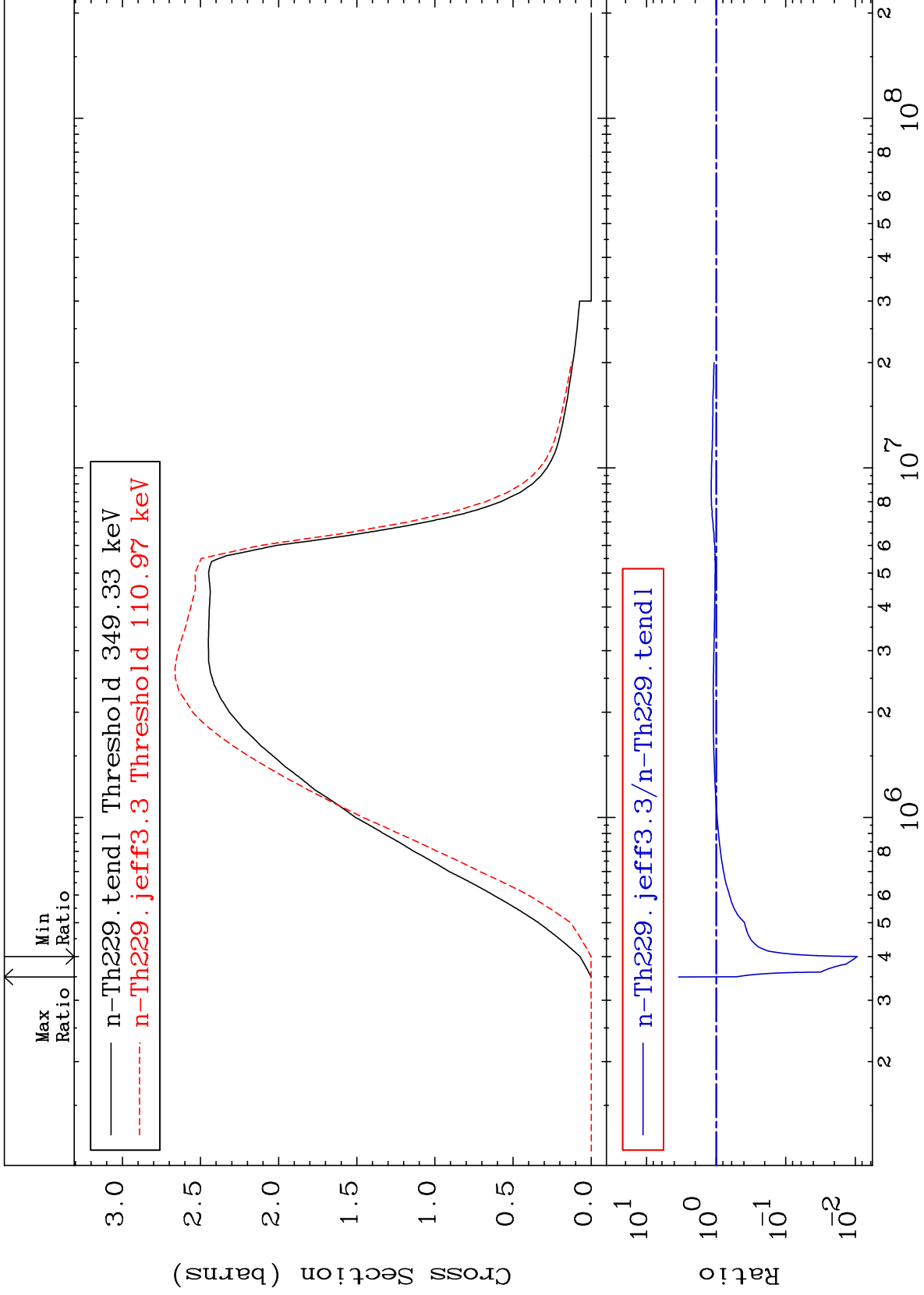
90-Th-229  
-98.63 To 9999. %



MAT 9031

(n, n') Continuum  
Cross Section

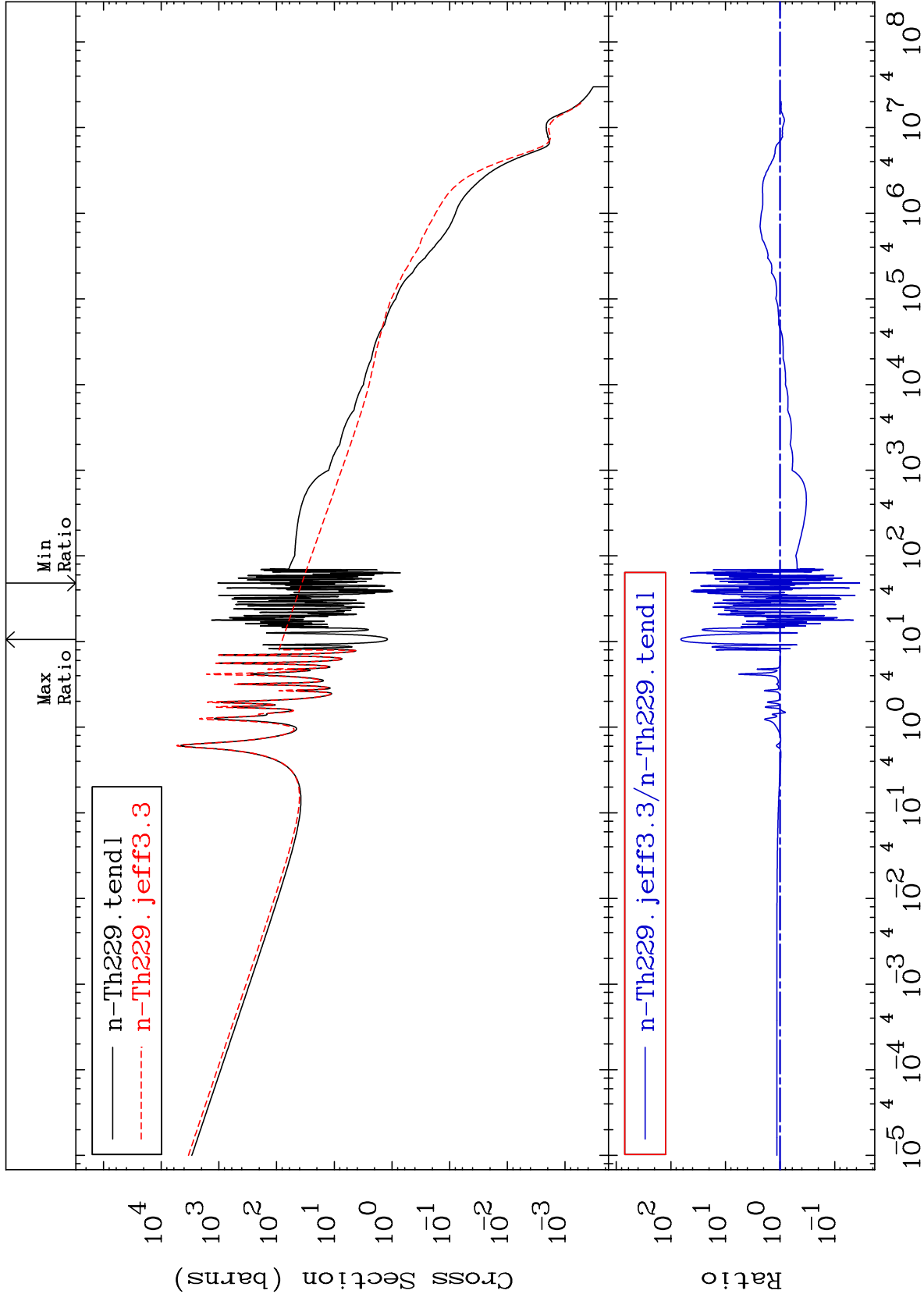
90-Th-229  
-99.06 To 246.0 %

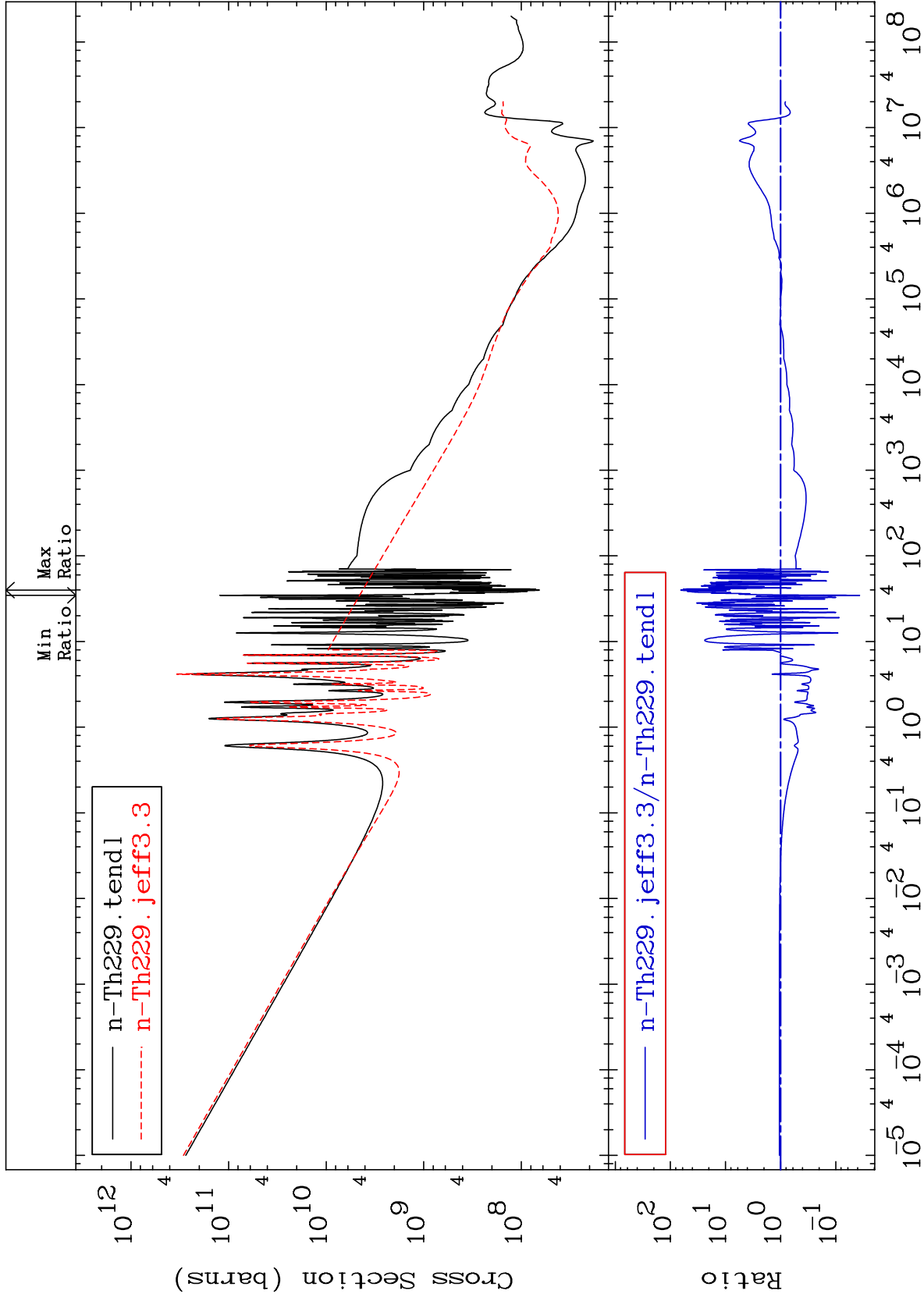


MAT 9031

90-Th-229  
-96.48 To 6490. %

(n,  $\gamma$ )  
Cross Section

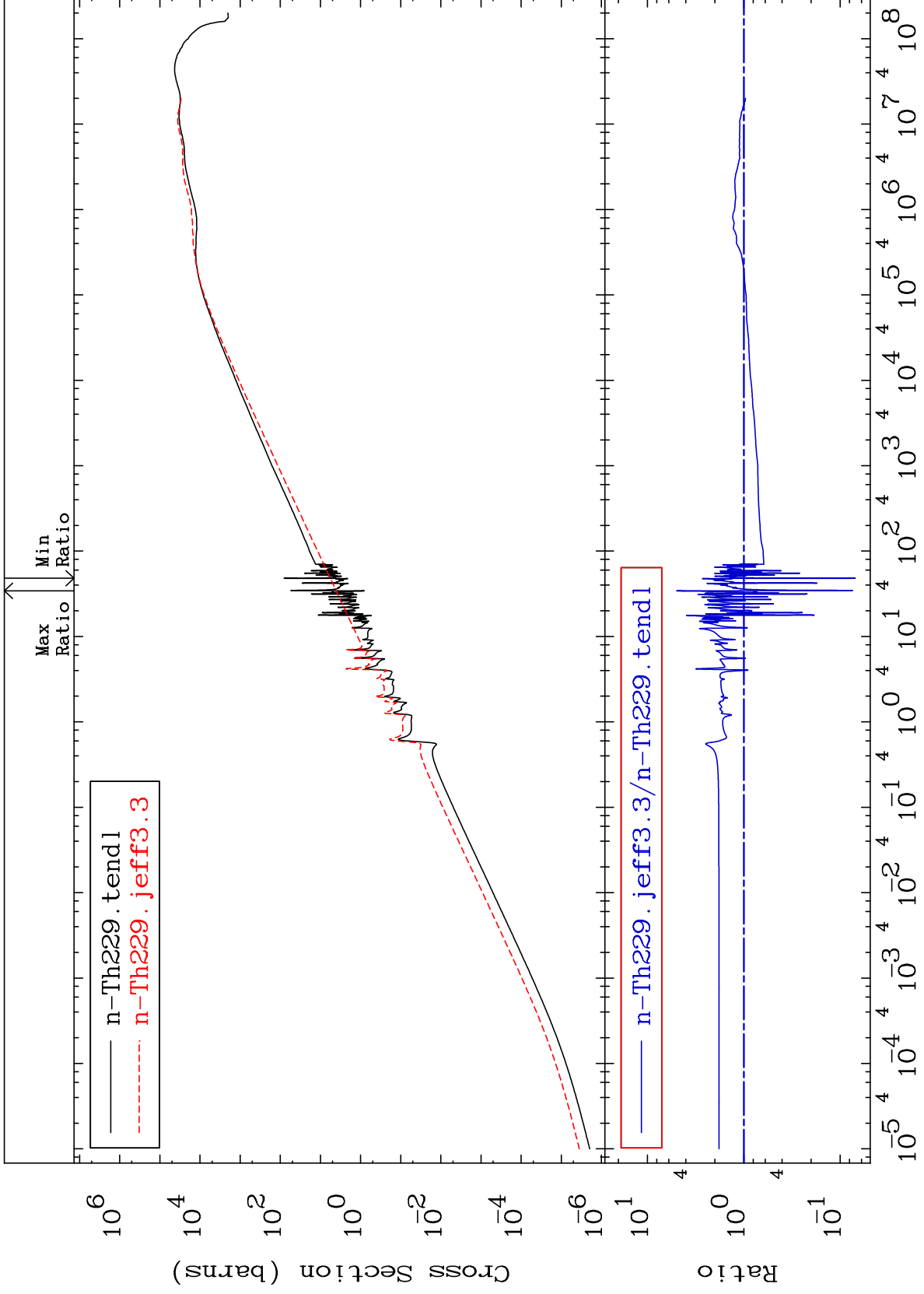


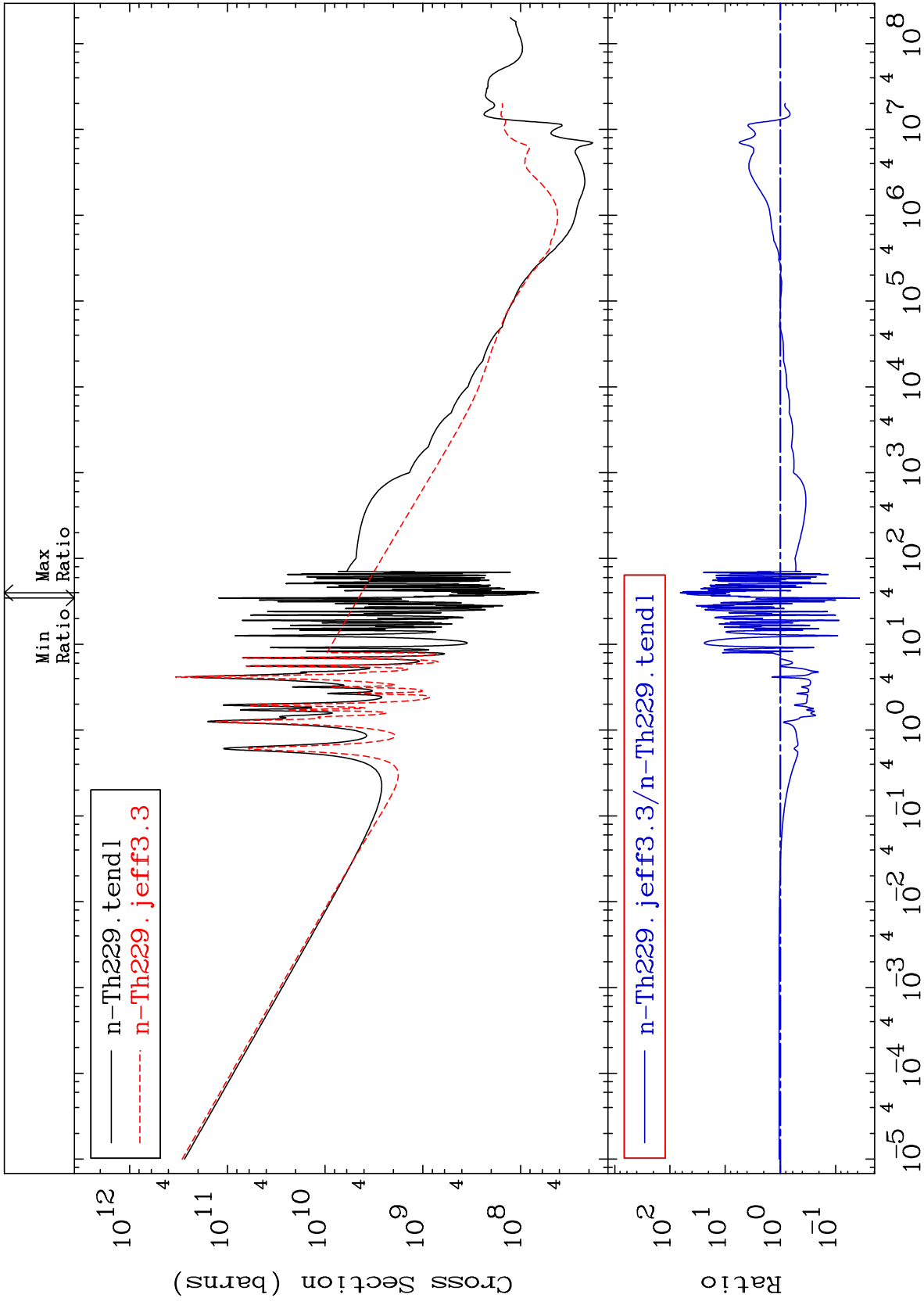


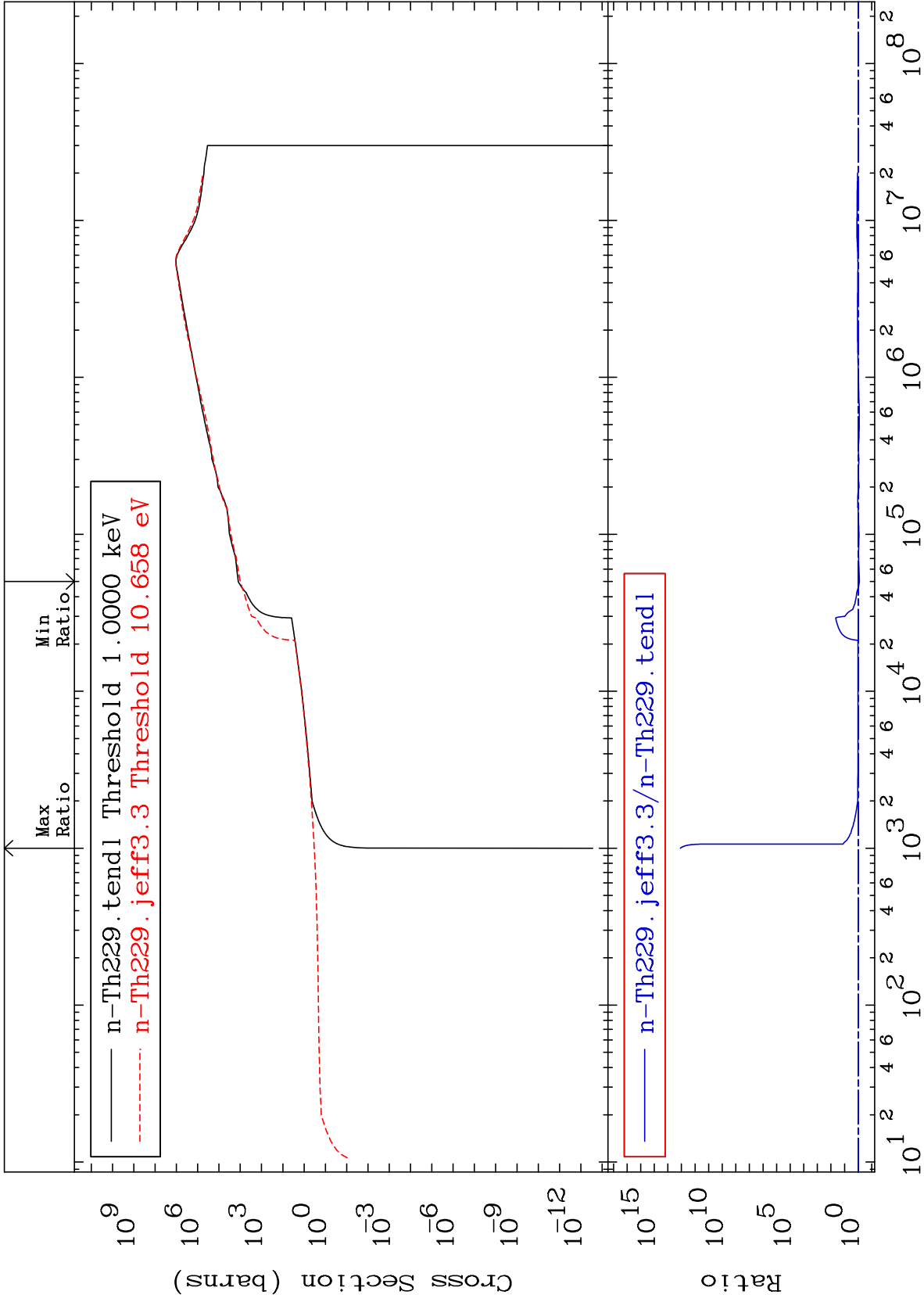
MAT 9031

Kerma elastic  
Cross Section

90-Th-229  
-92.99 To 394.2 %



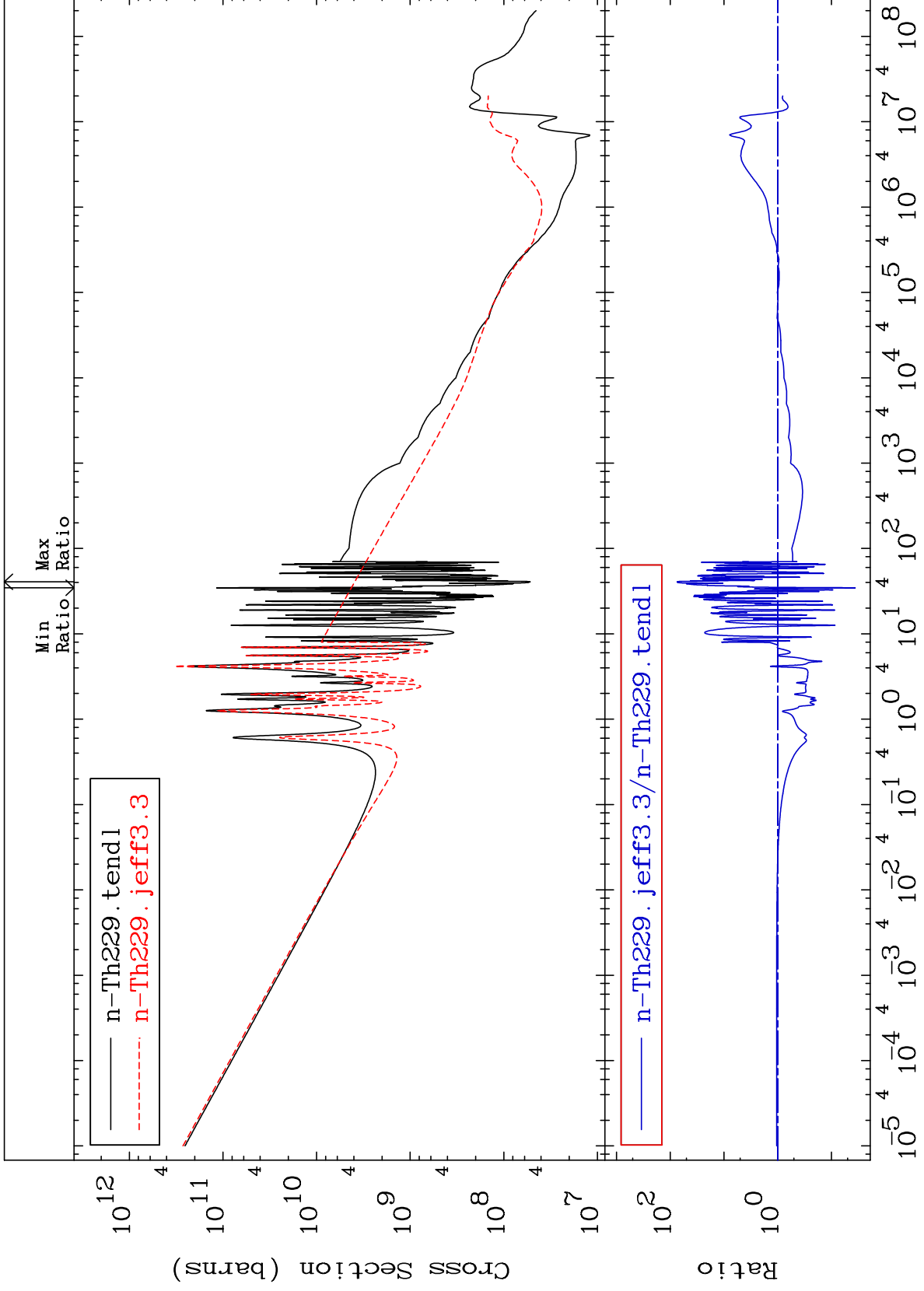




MAT 9031

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

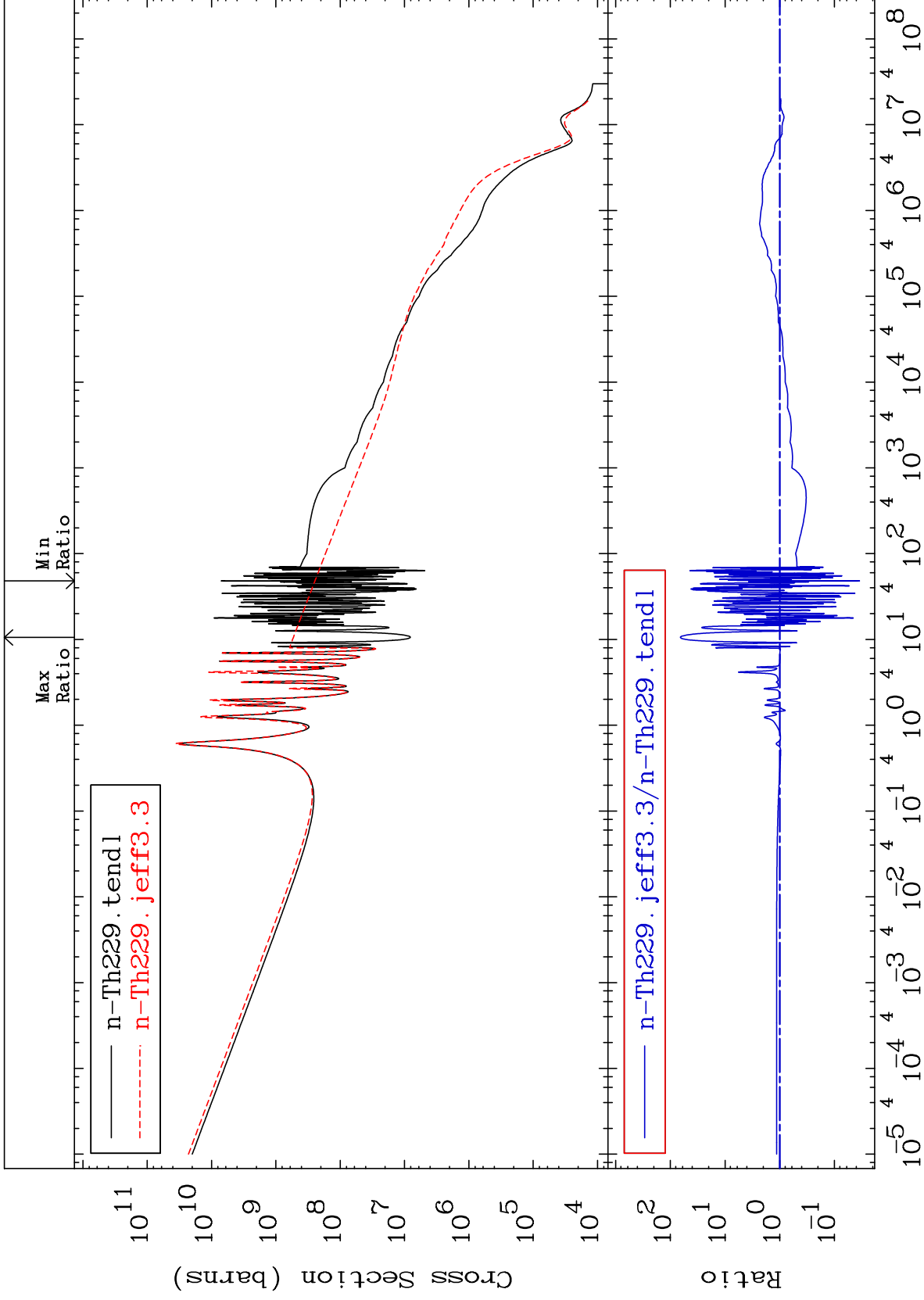
90-Th-229  
-96.36 To 7411. %



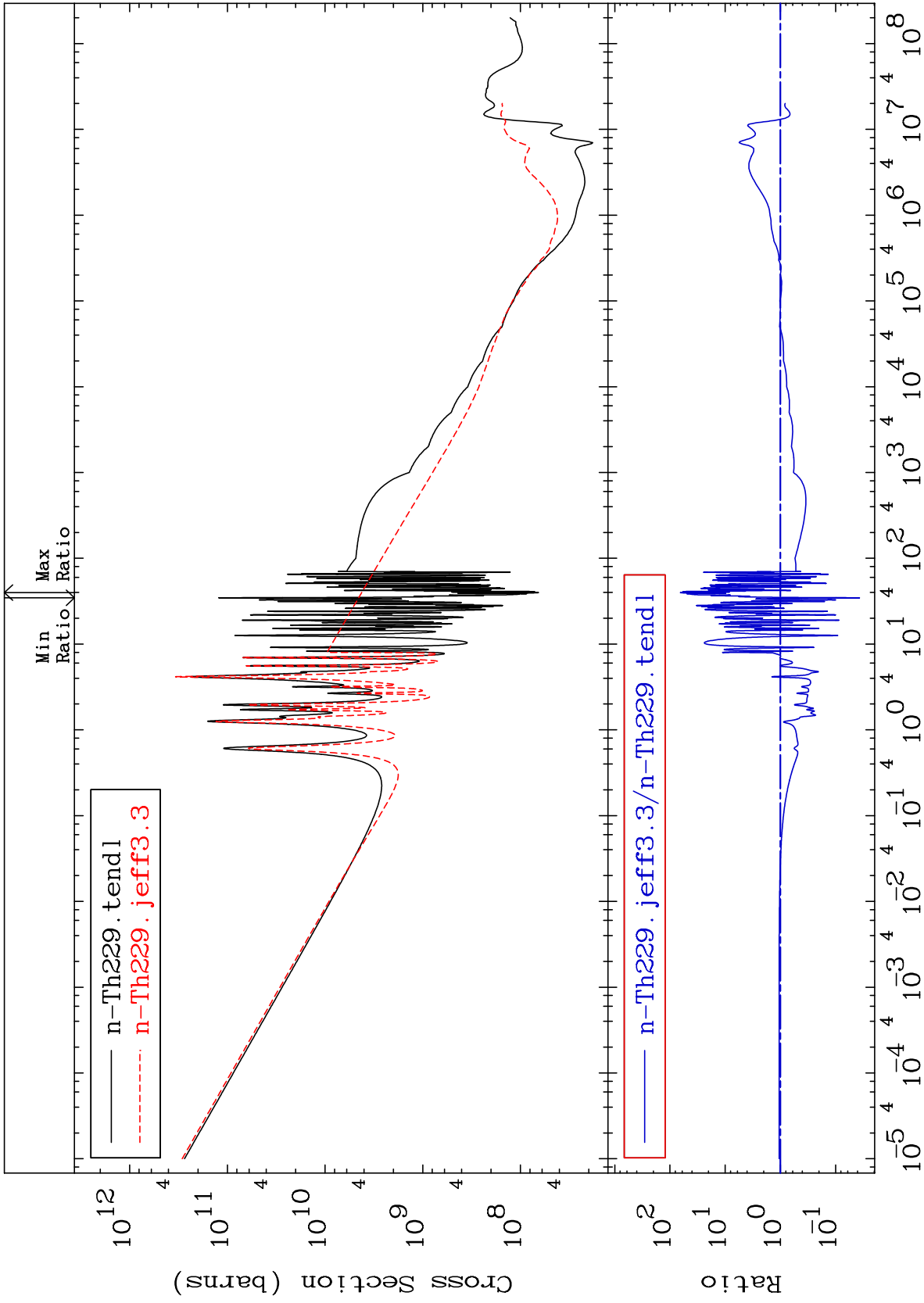
MAT 9031

Kerma capture (mt102)  
Cross Section

90-Th-229  
-96.50 To 6466. %



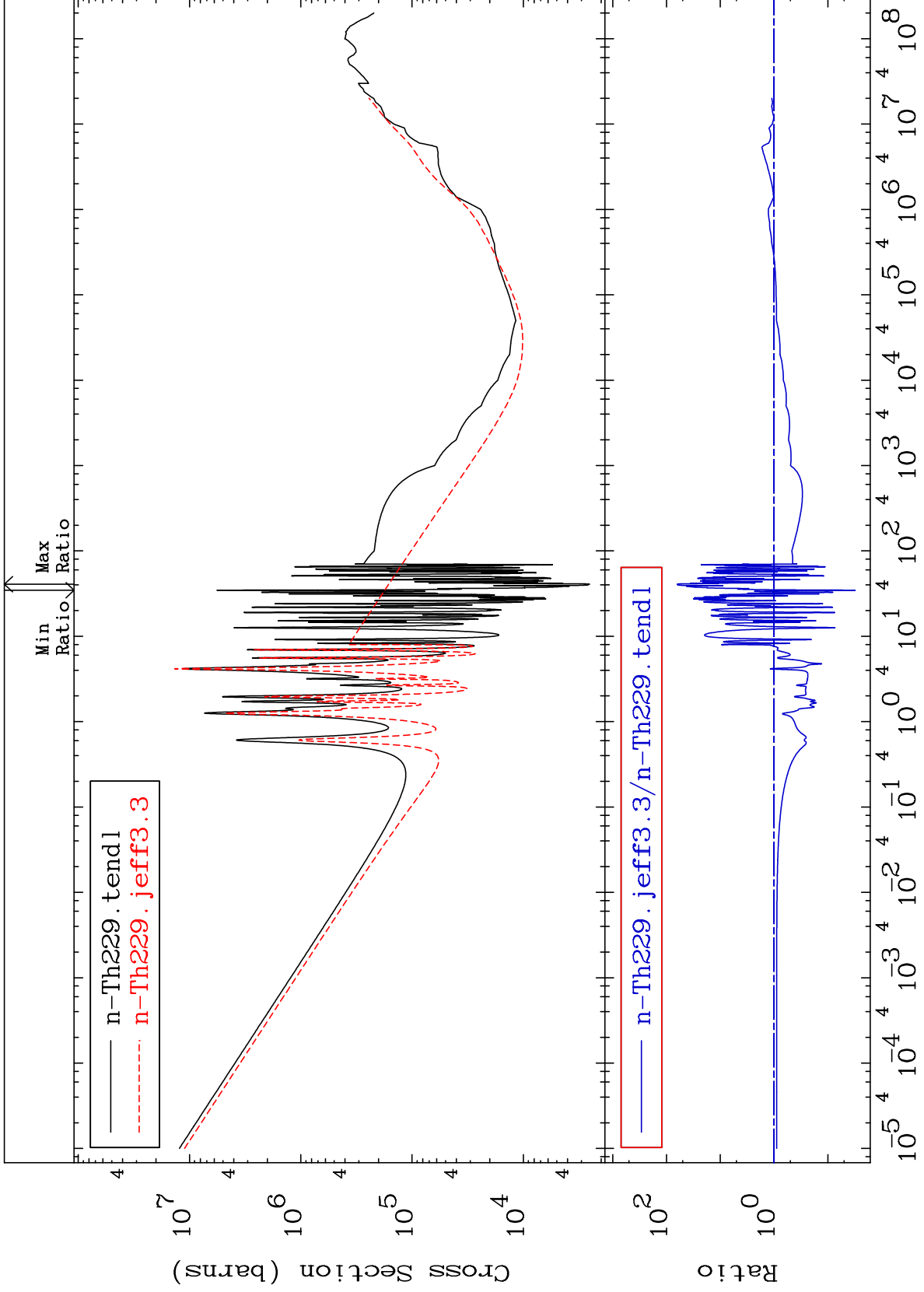


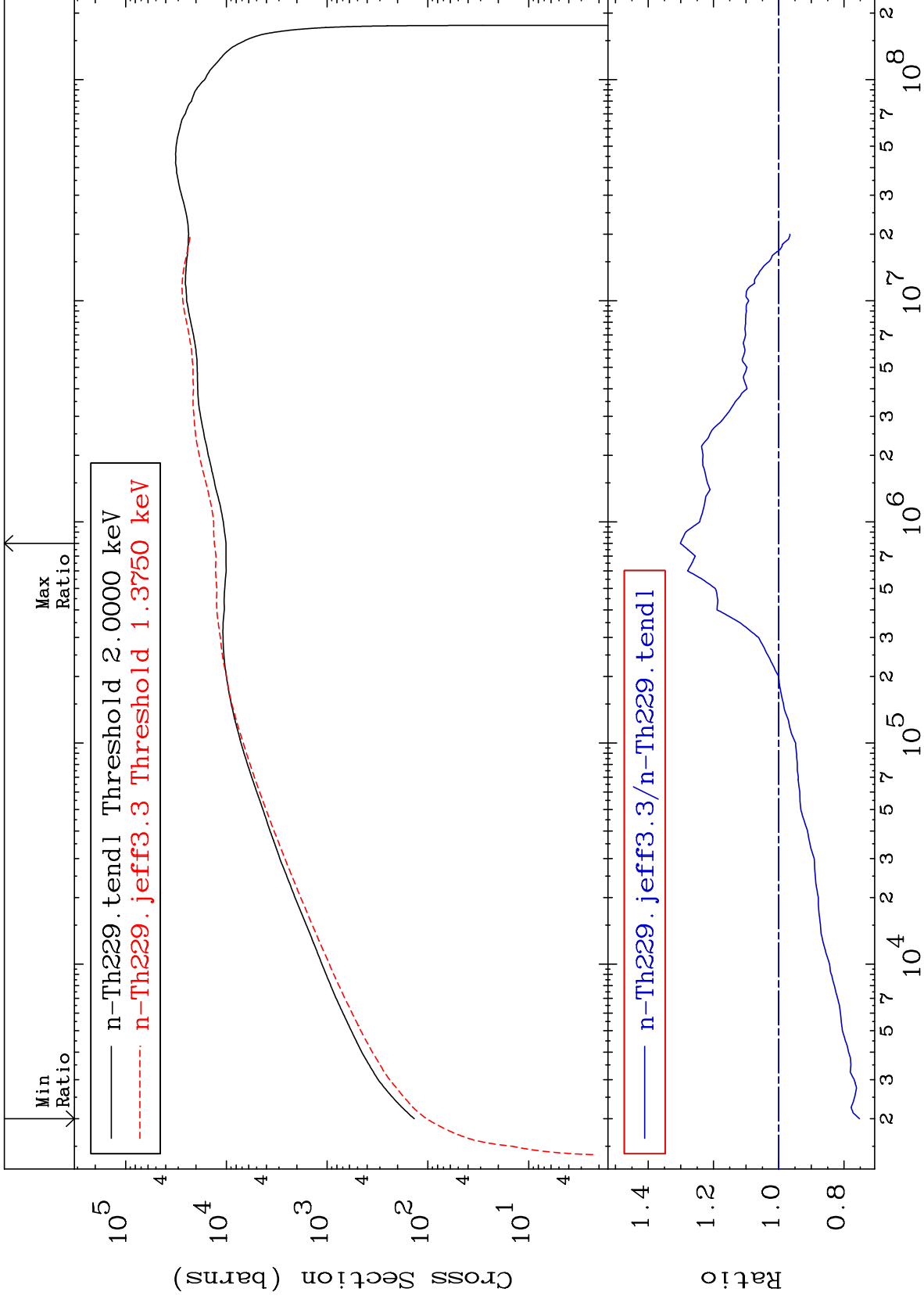


MAT 9031

Dpa total (eV-barns)  
Cross Section

90-Th-229  
-96.88 To 6297. %

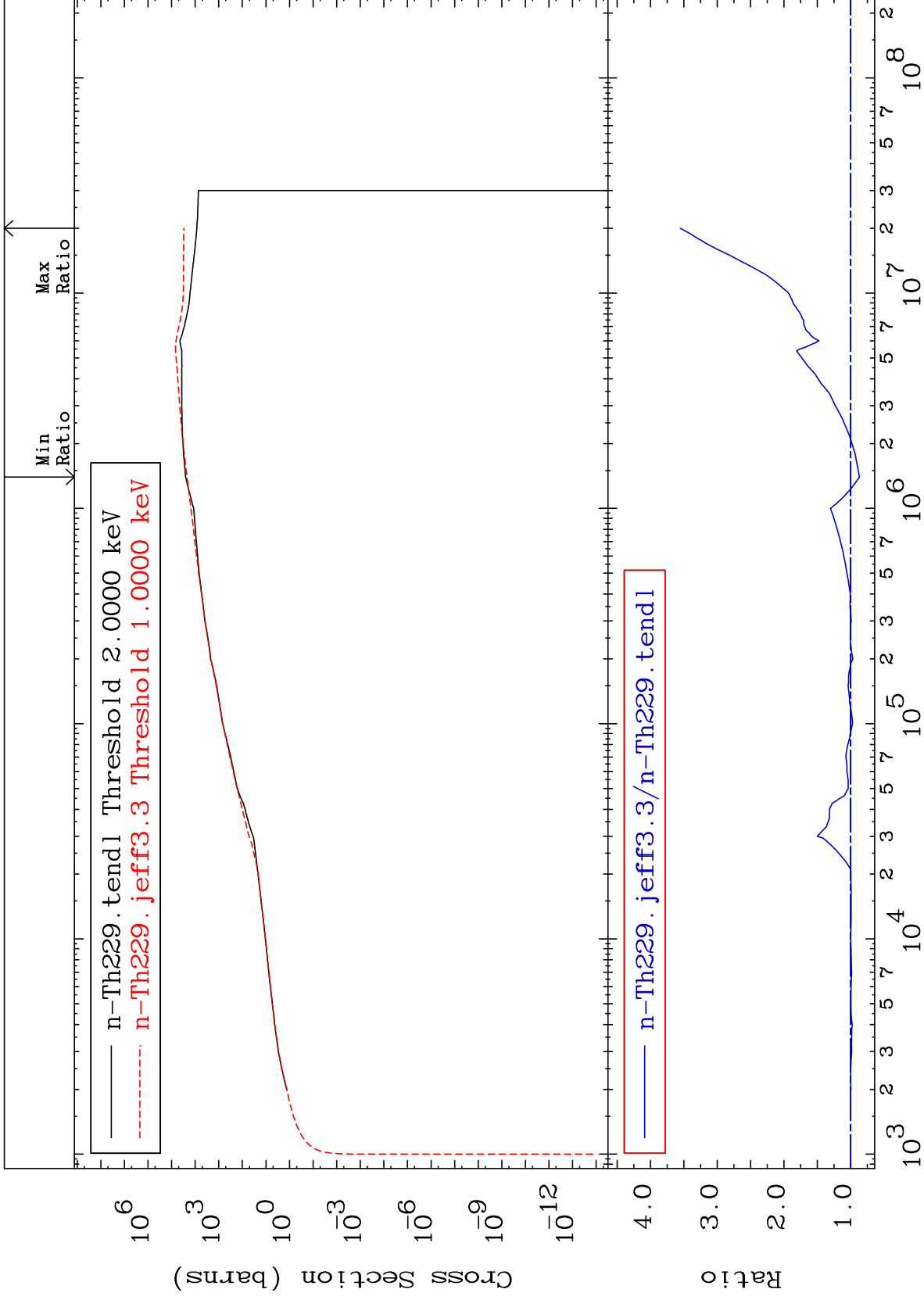




MAT 9031

Dpa inelastic (mt51-91)  
Cross Section

90-Th-229  
-12.99 To 255.3 %



54

Incident Energy (eV)

90-Th-229

MAT 9031

Dpa disappearance (mt102 -120)  
Cross Section

90-Th-229  
-100.0 To 4011. %

