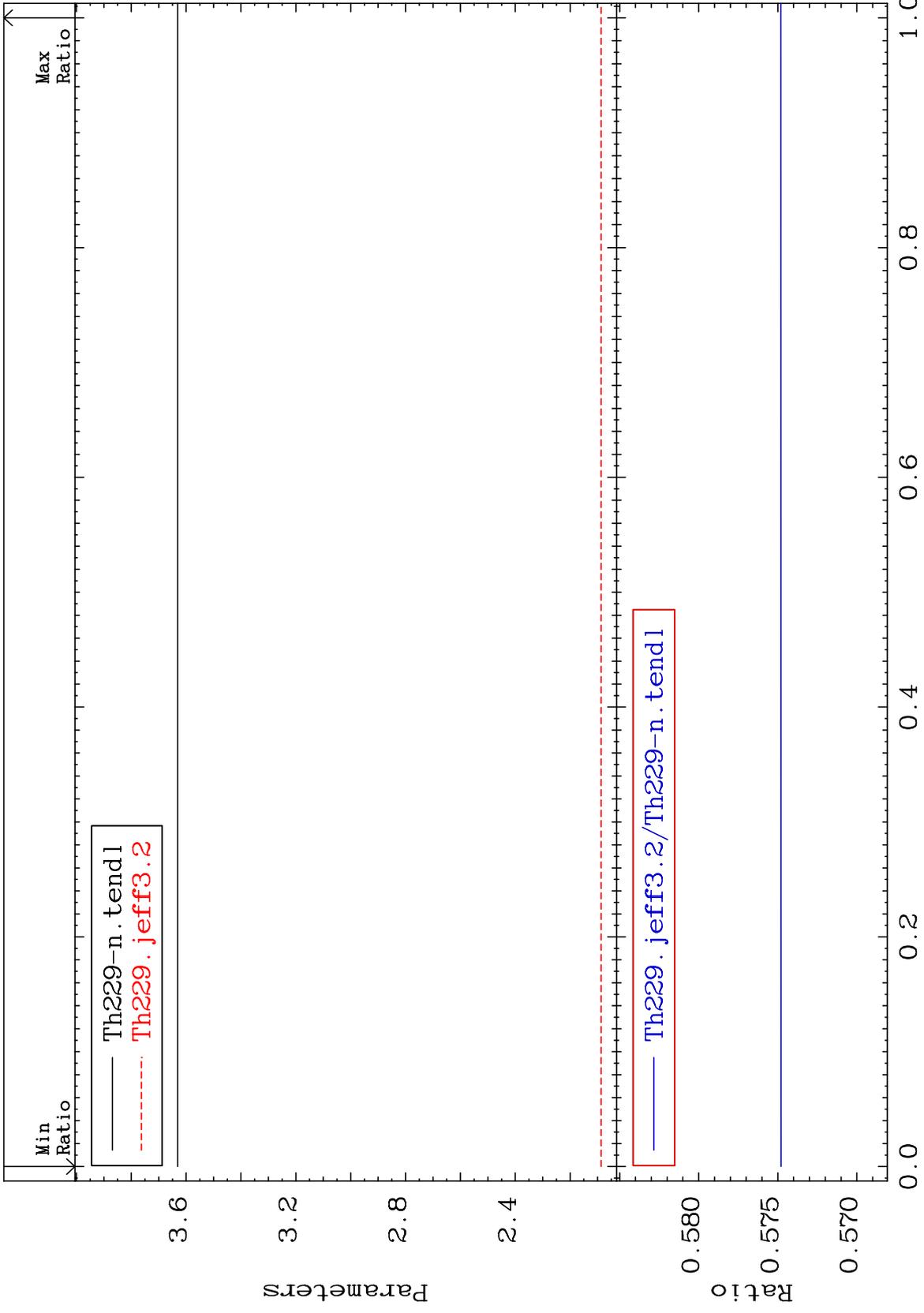


MAT 9031

Total  $\bar{\nu}$   
Parameters

90-Th-229  
-42.52 To -42.52%



1

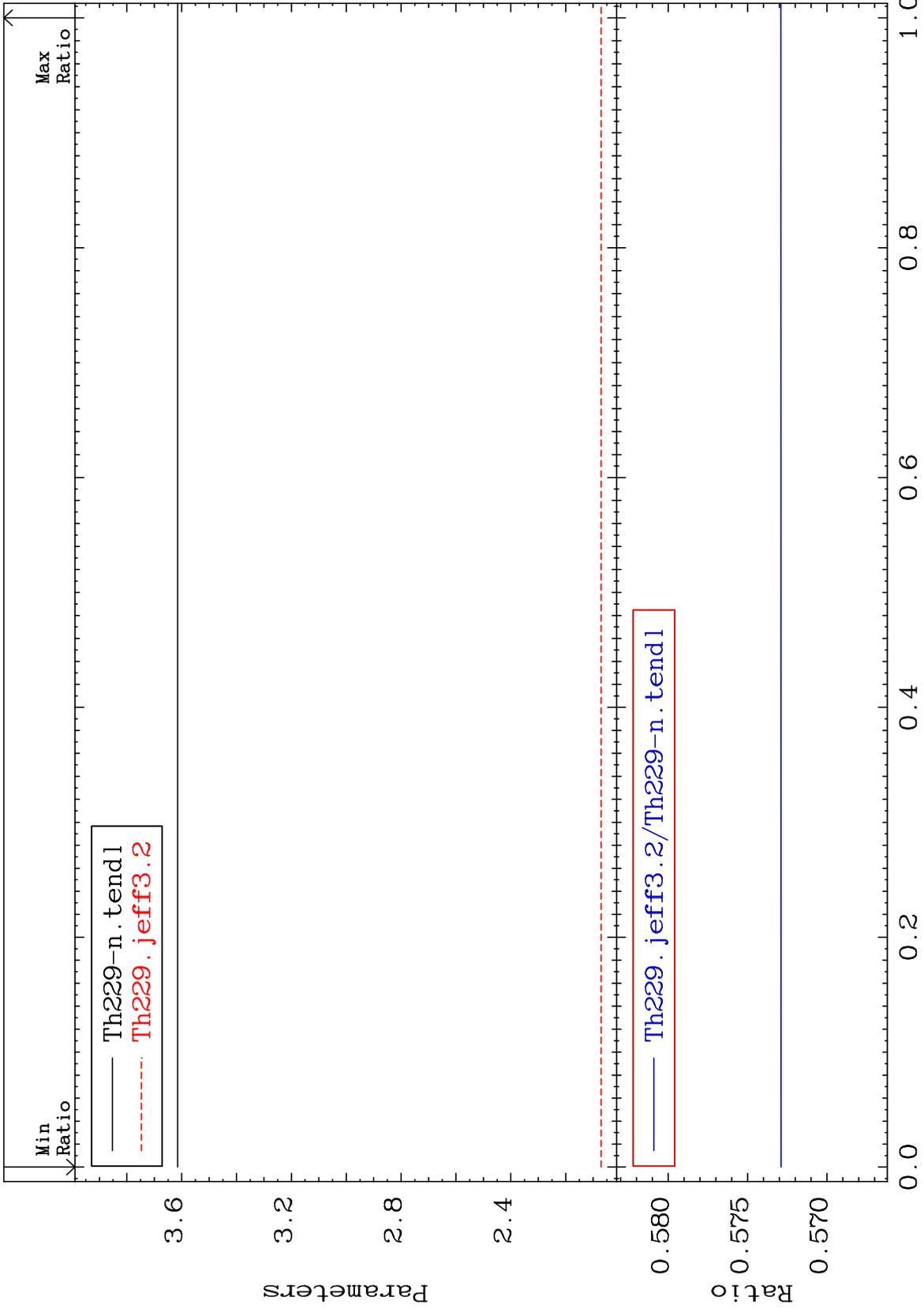
Incident Energy (KeV)

90-Th-229

MAT 9031

Prompt  $\bar{\nu}$   
Parameters

90-Th-229  
-42.71 To -42.71%



2

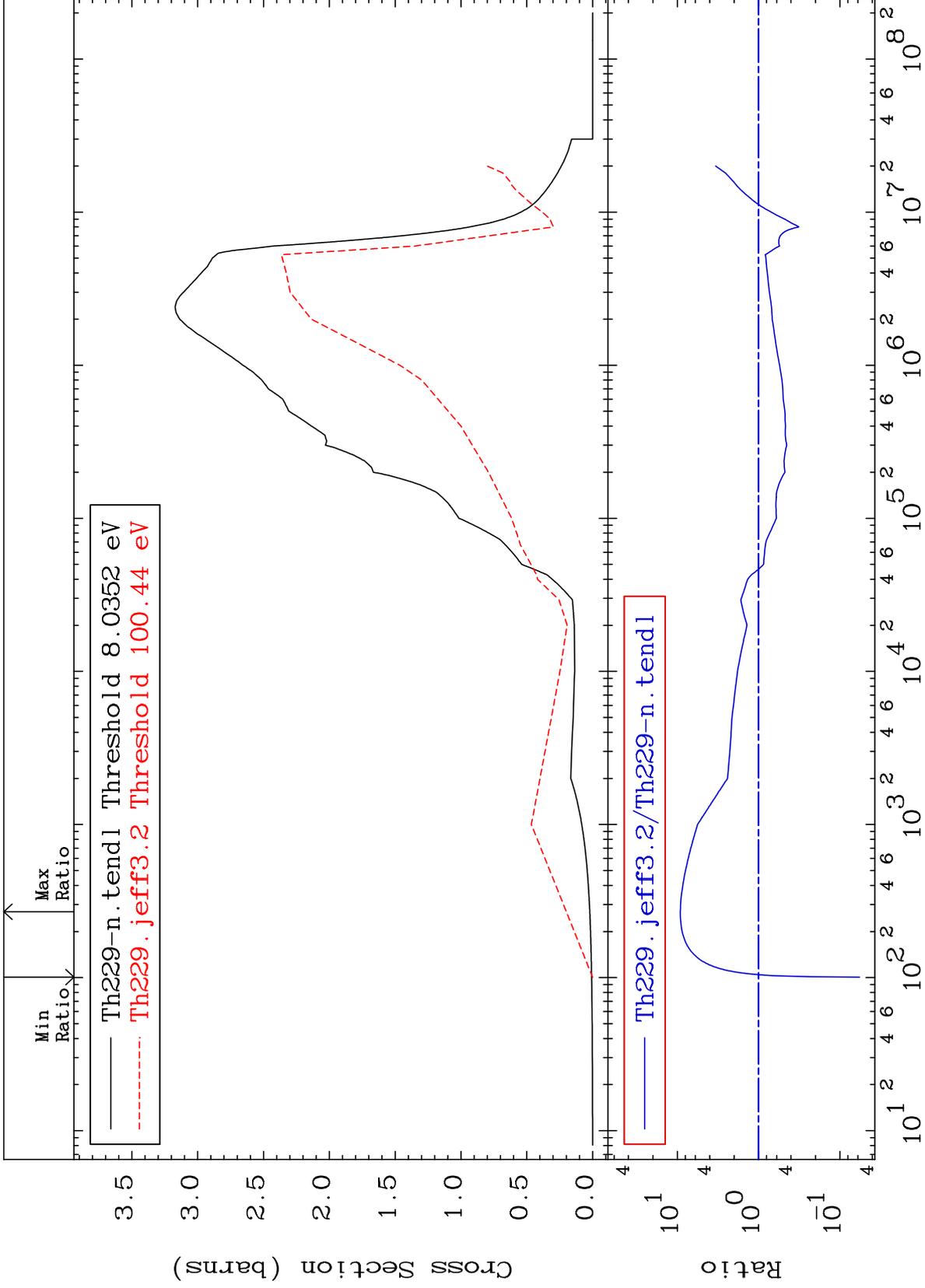
Incident Energy (KeV)

90-Th-229

MAT 9031

Inelastic  
Cross Section

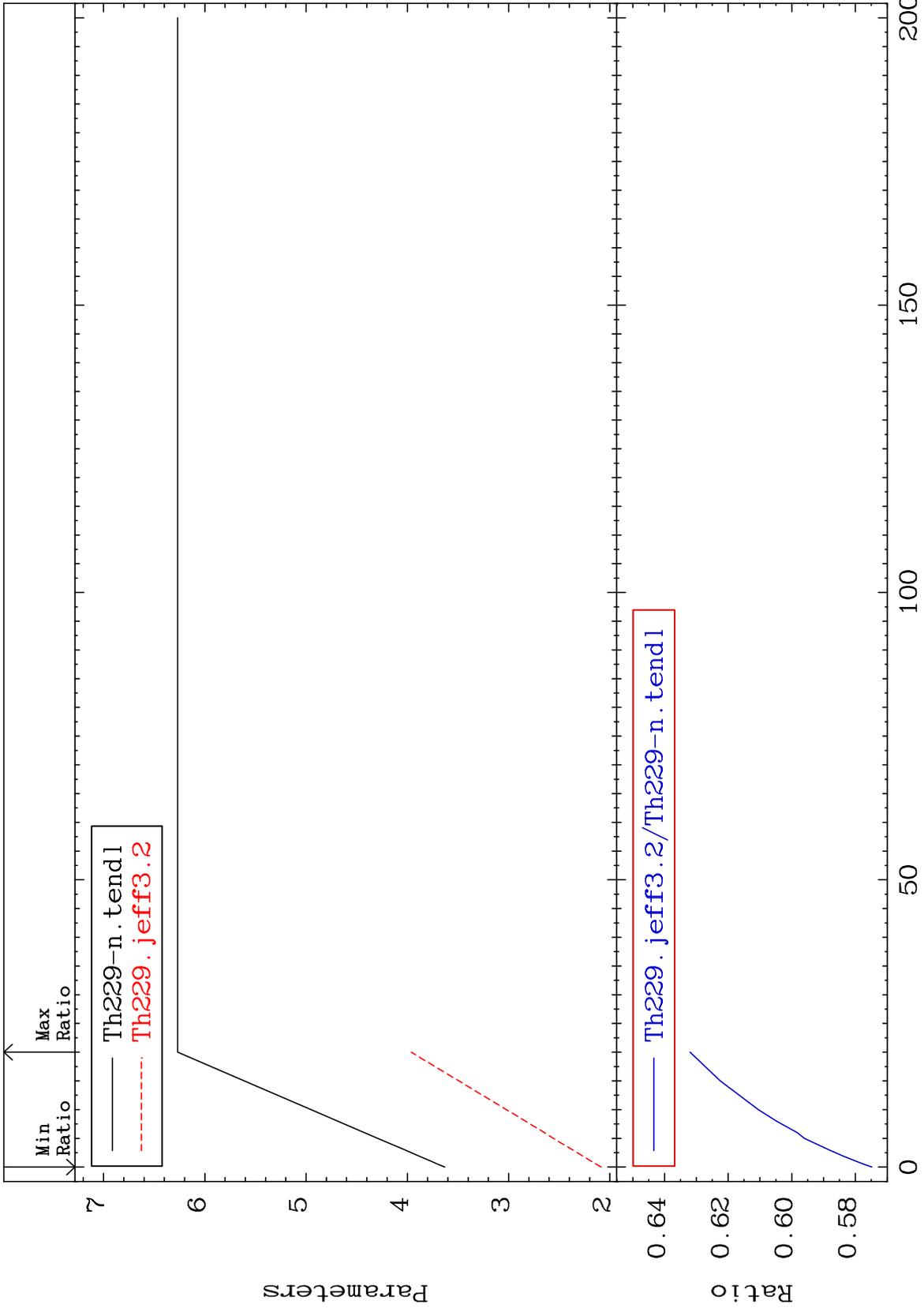
90-Th-229  
-94.26 To 818.4 %



MAT 9031

Total  $\bar{\nu}$   
Parameters

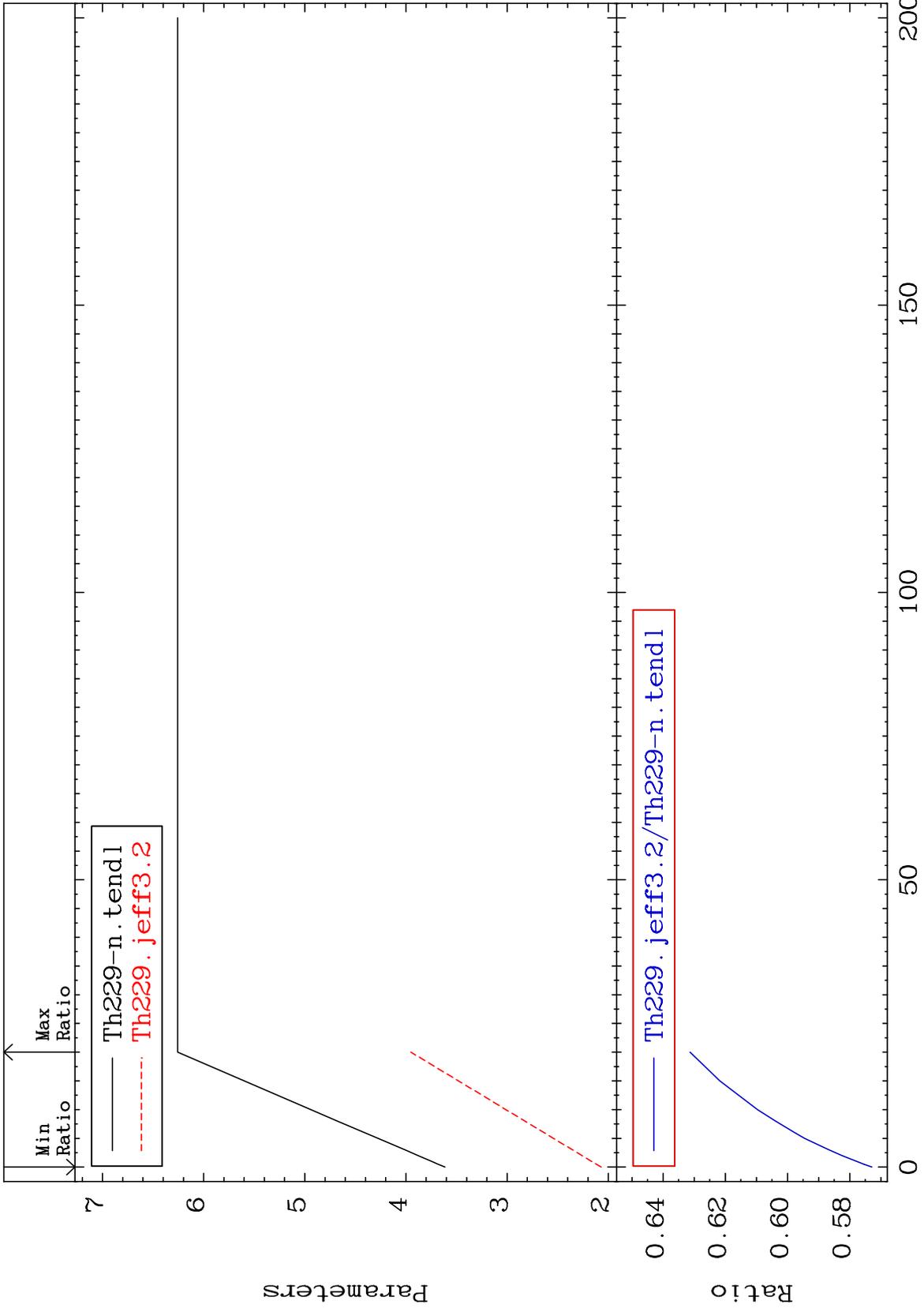
90-Th-229  
-42.52 To -36.80%



MAT 9031

Prompt  $\bar{\nu}$   
Parameters

90-Th-229  
-42.71 To -36.87%



2

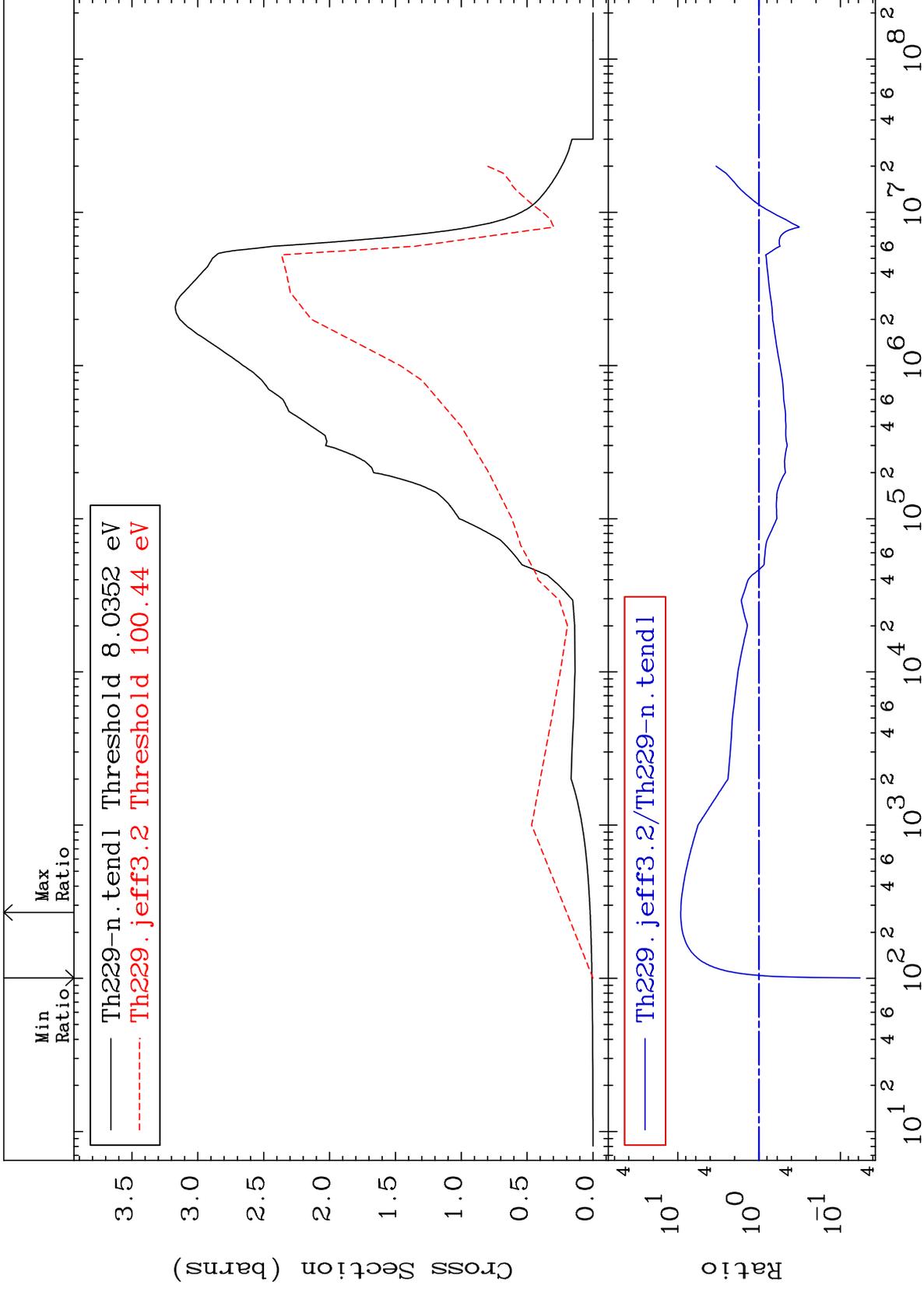
Incident Energy (MeV)

90-Th-229

MAT 9031

Inelastic  
Cross Section

90-Th-229  
-94.26 To 818.4 %



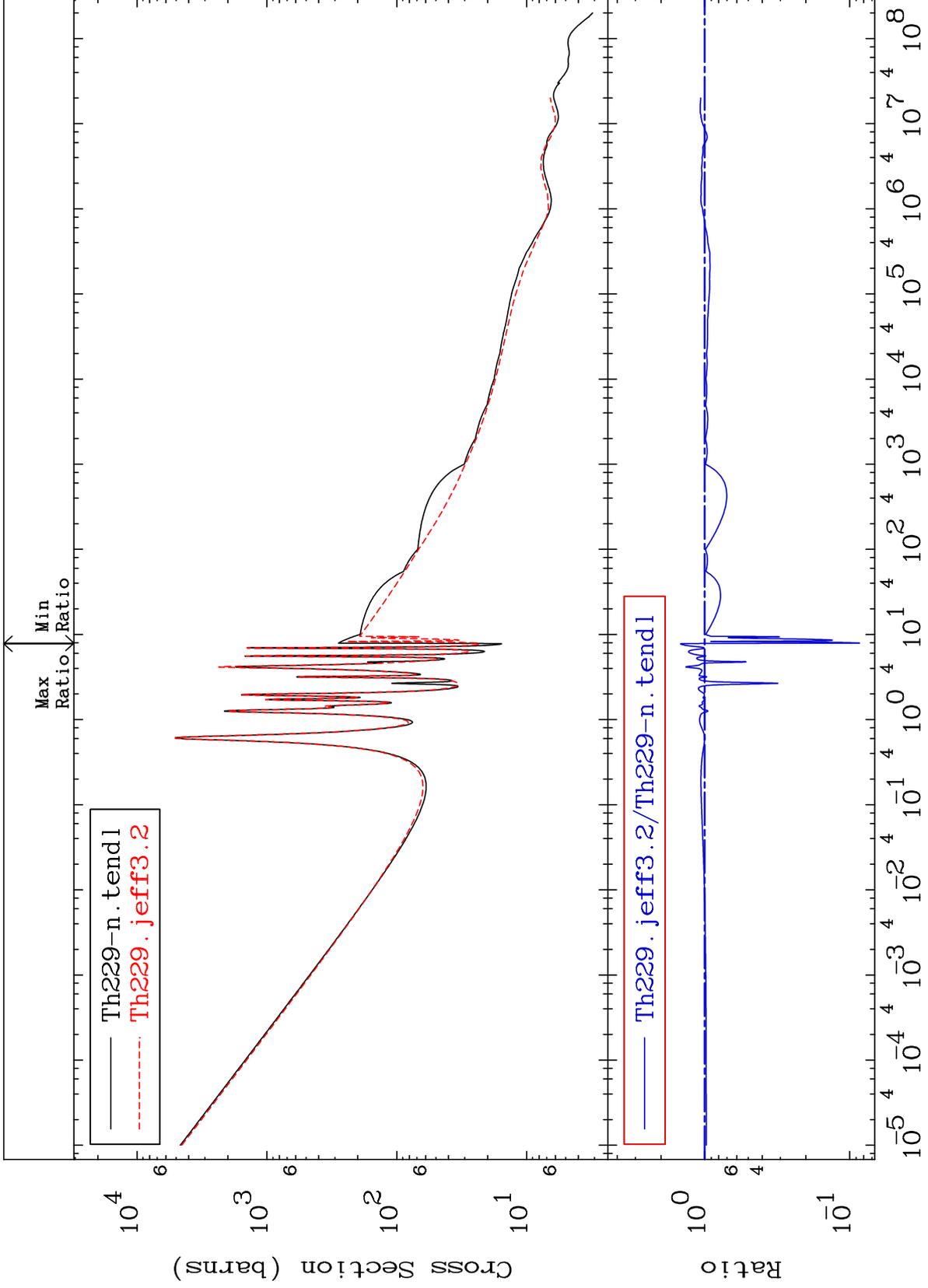
90-Th-229

3

MAT 9031

Total  
Cross Section

90-Th-229  
-91.45 To 47.16 %



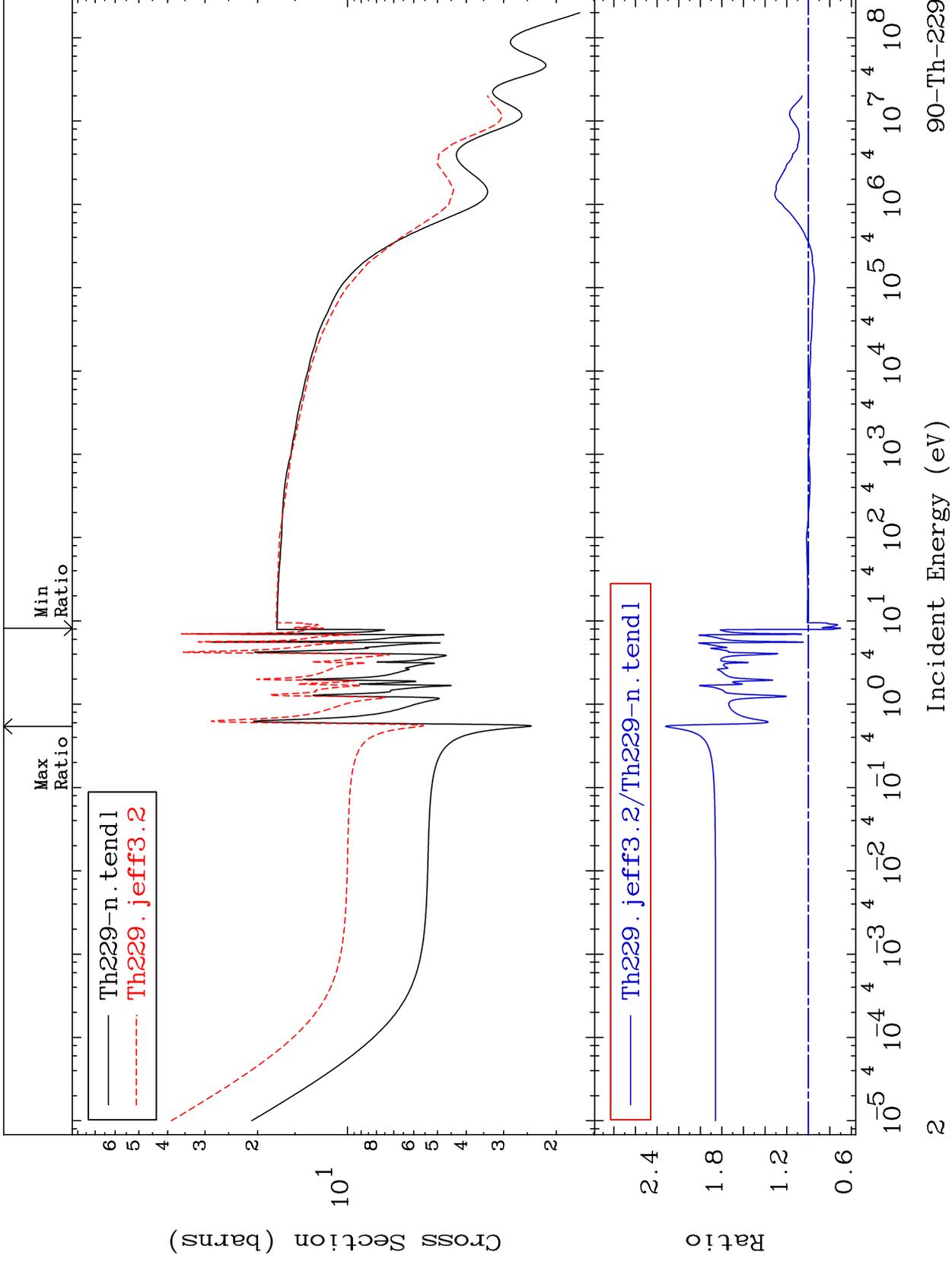
Incident Energy (eV)

90-Th-229

MAT 9031

Elastic  
Cross Section

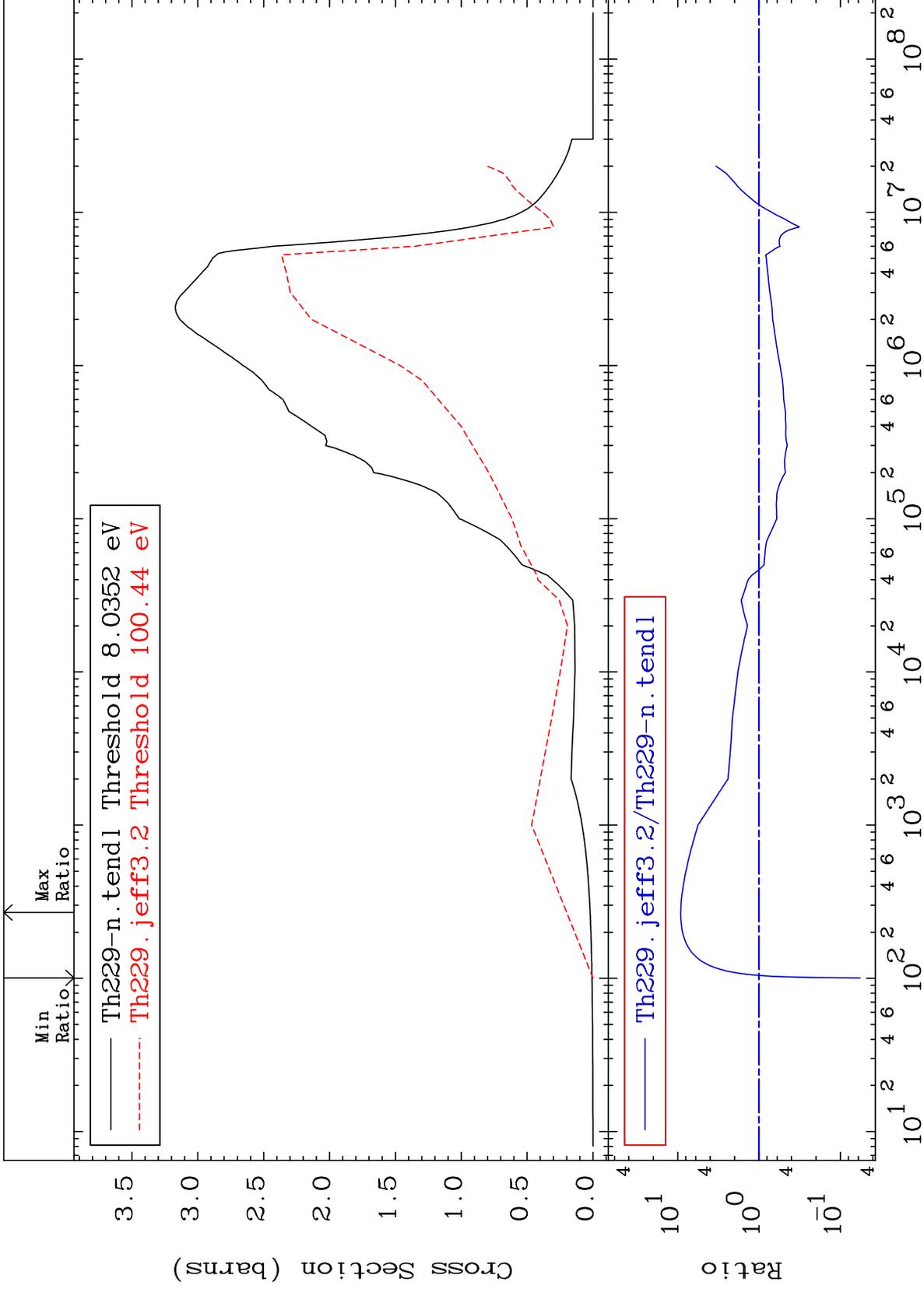
90-Th-229  
-30.12 To 132.2 %



MAT 9031

Inelastic  
Cross Section

90-Th-229  
-94.26 To 818.4 %



90-Th-229

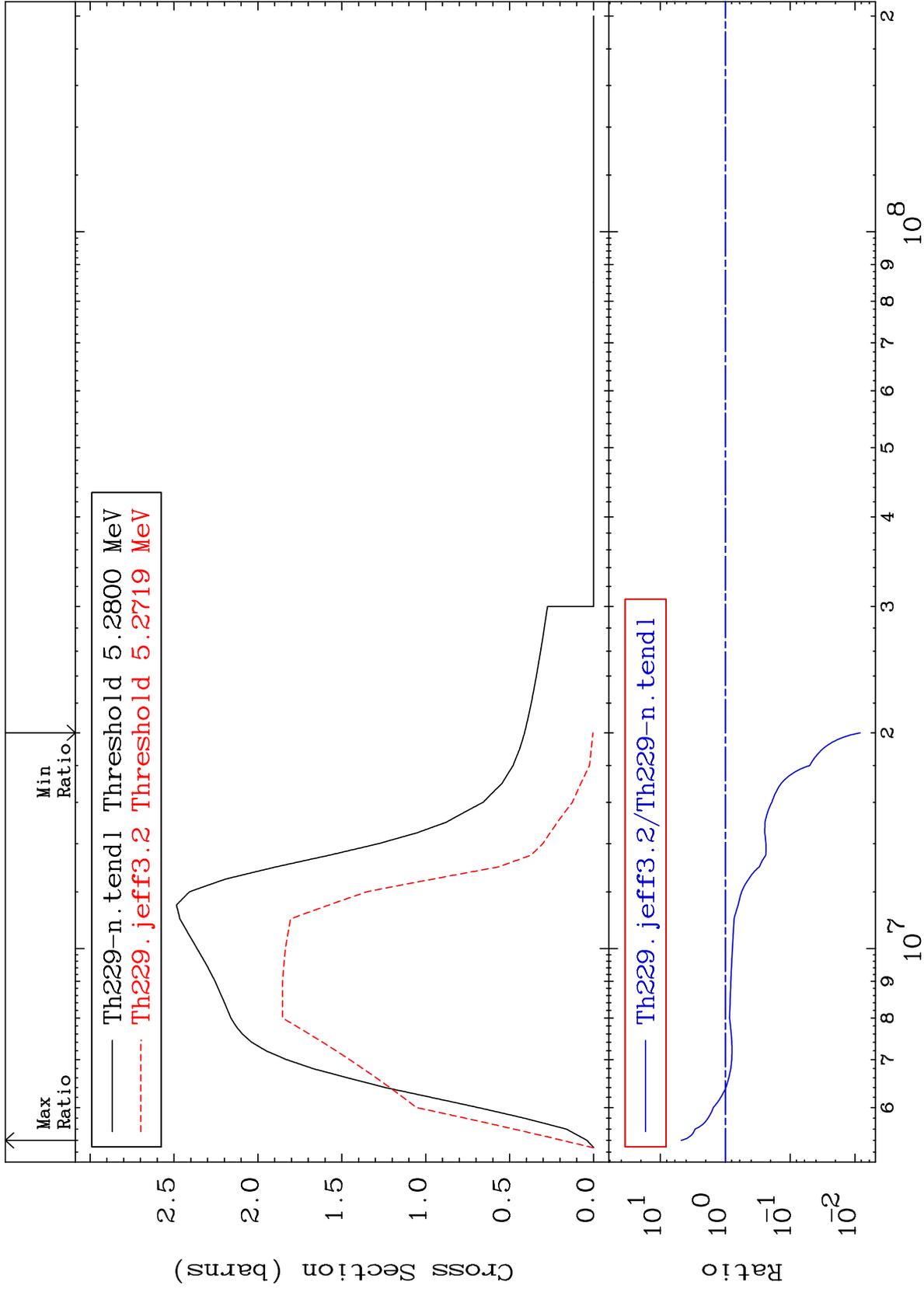
90-Th-229

3

MAT 9031

(n,2n)  
Cross Section

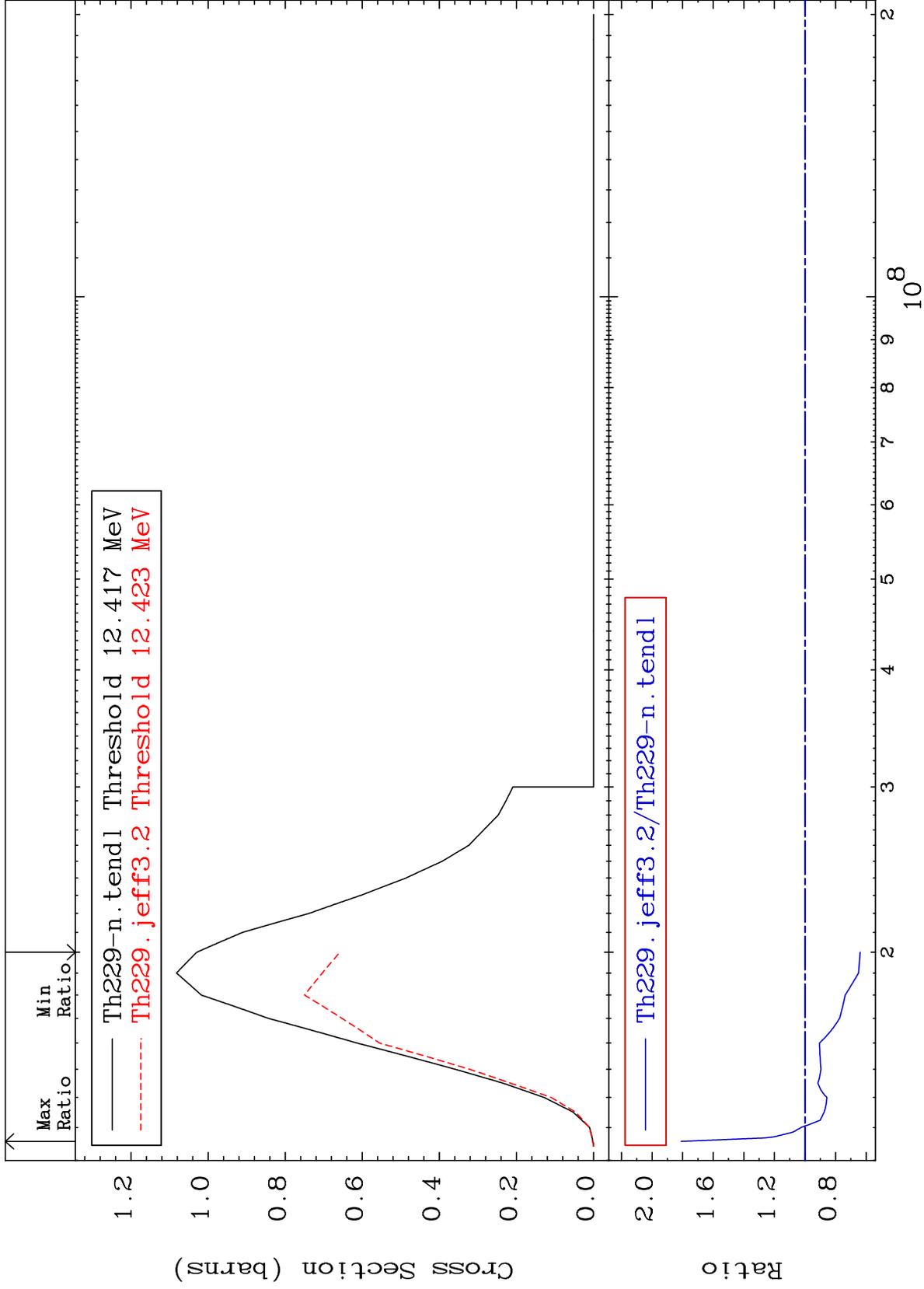
90-Th-229  
-99.17 To 378.2 %



MAT 9031

(n,3n)  
Cross Section

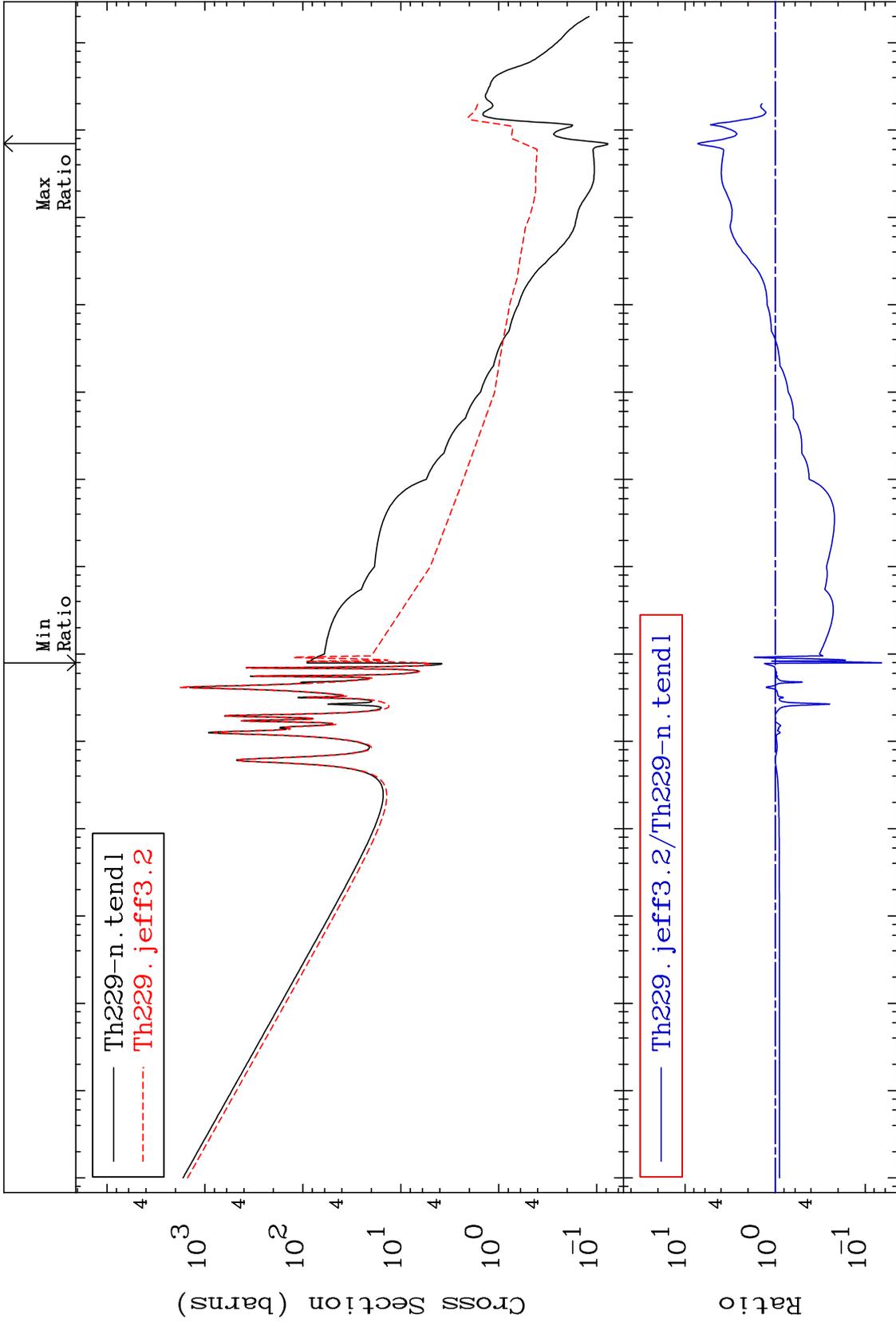
90-Th-229  
-36.09 To 80.97 %



MAT 9031

Fission Cross Section

90-Th-229  
-93.41 To 623.3 %



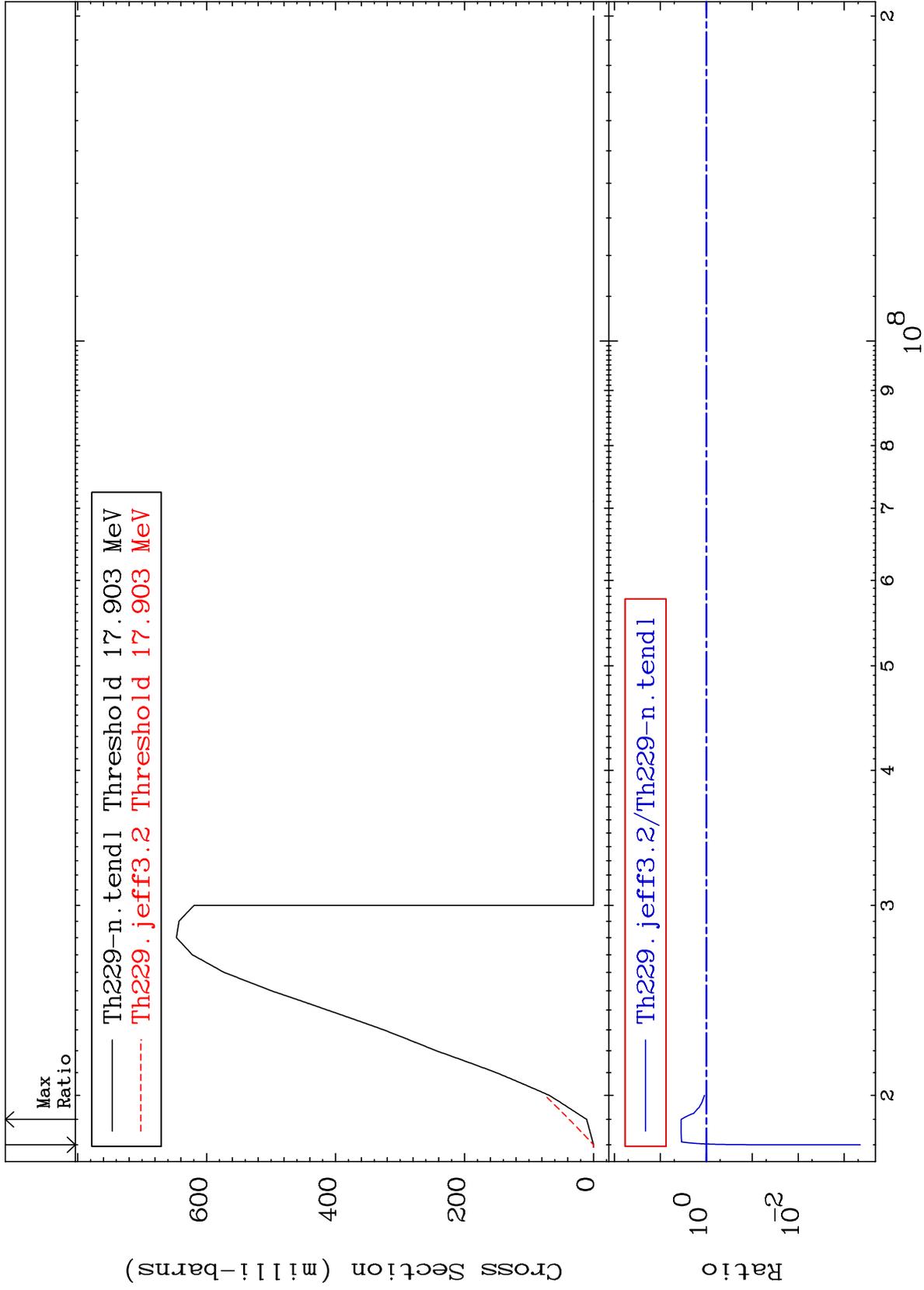
MAT 9031

(n,4n)

90-Th-229

Cross Section

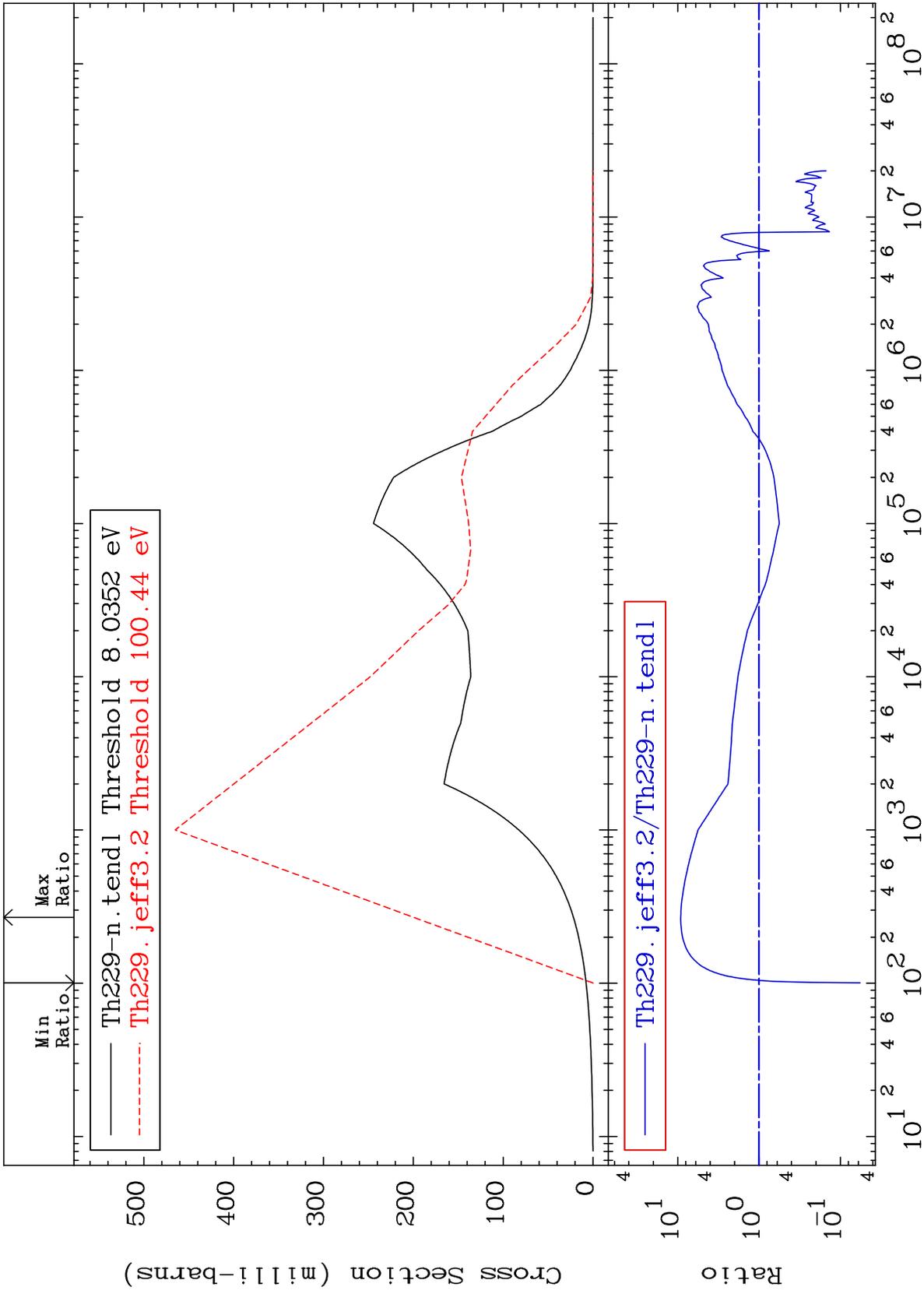
-99.96 To 252.0 %



MAT 9031

0.008 keV (n,n') Level  
Cross Section

90-Th-229  
-94.26 To 818.4 %

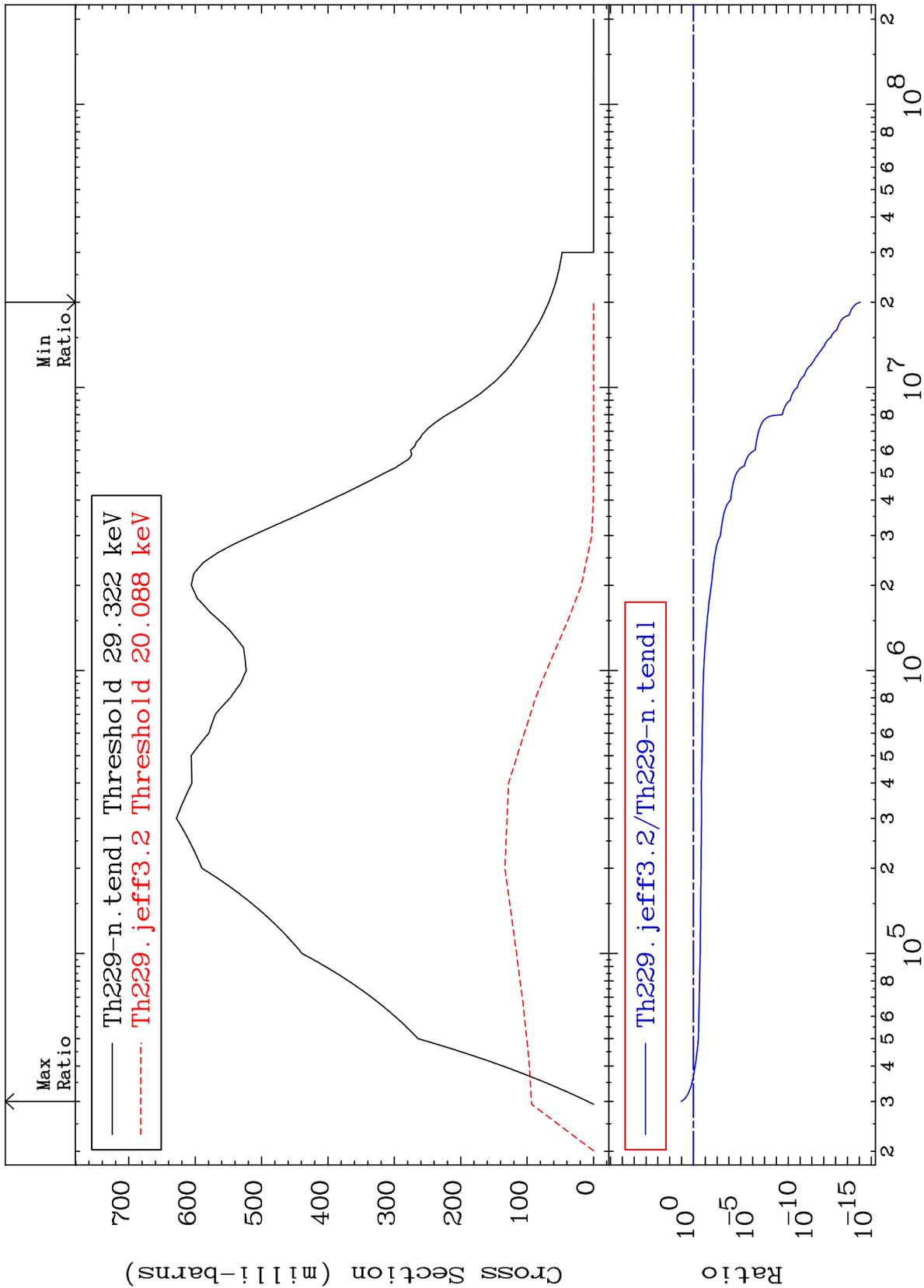


8

Incident Energy (eV)

90-Th-229

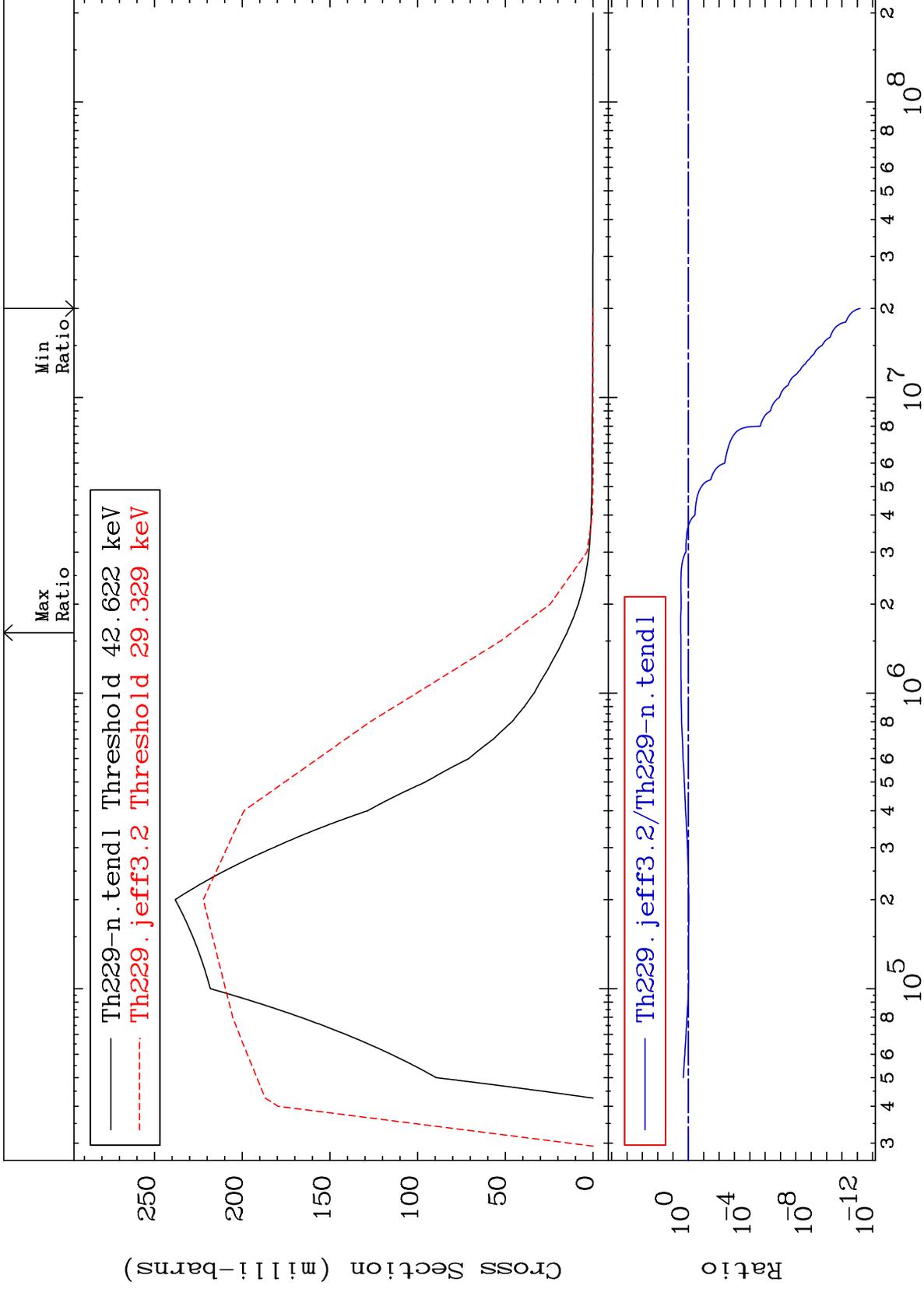
MAT 9031      29.19 keV (n,n') Level      90-Th-229  
 Cross Section      -100.0 To 978.2 %



MAT 9031

42.44 keV (n,n') Level  
Cross Section

90-Th-229  
-100.0 To 213.7 %



10

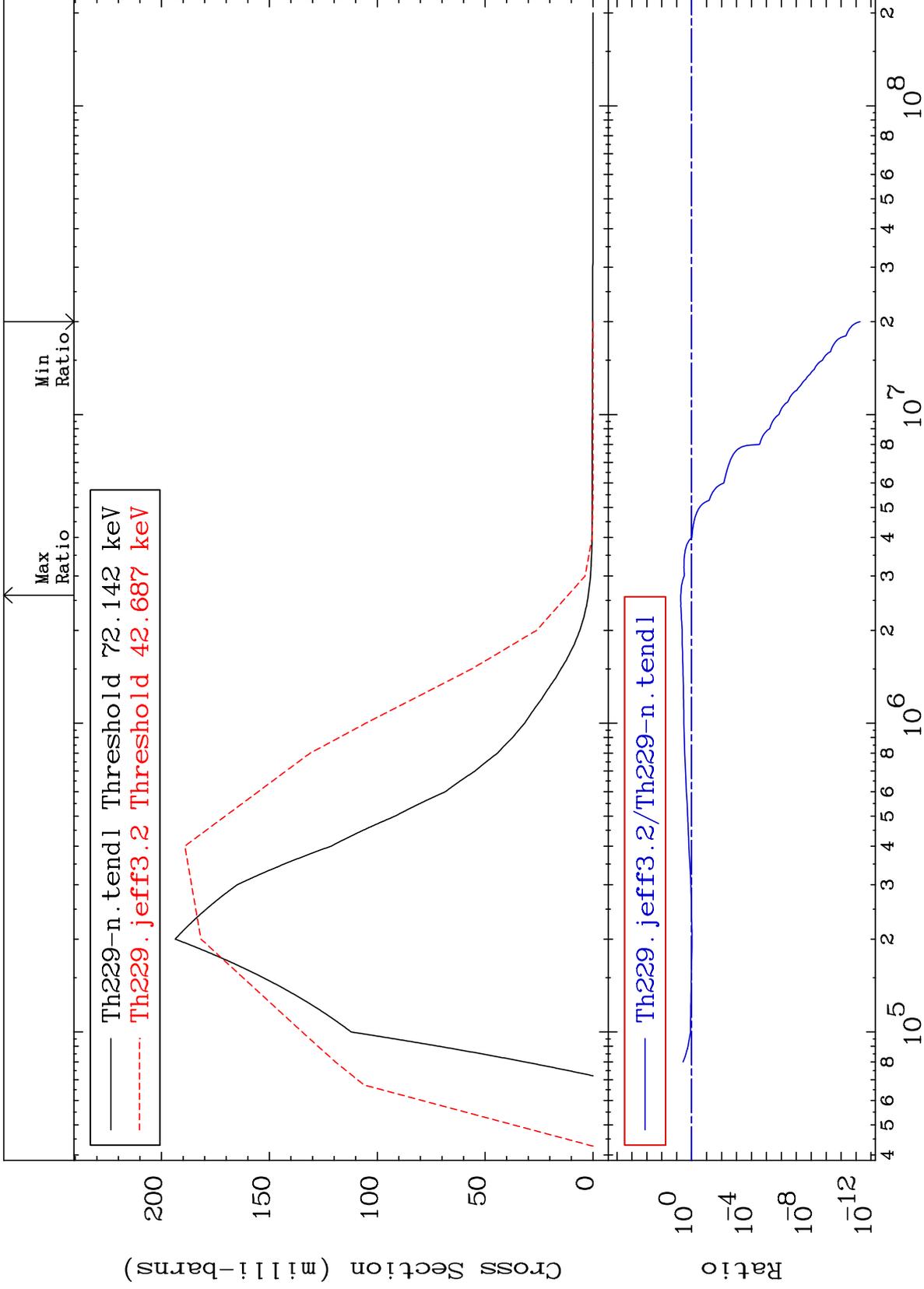
Incident Energy (eV)

90-Th-229

MAT 9031

71.83 keV (n,n') Level  
Cross Section

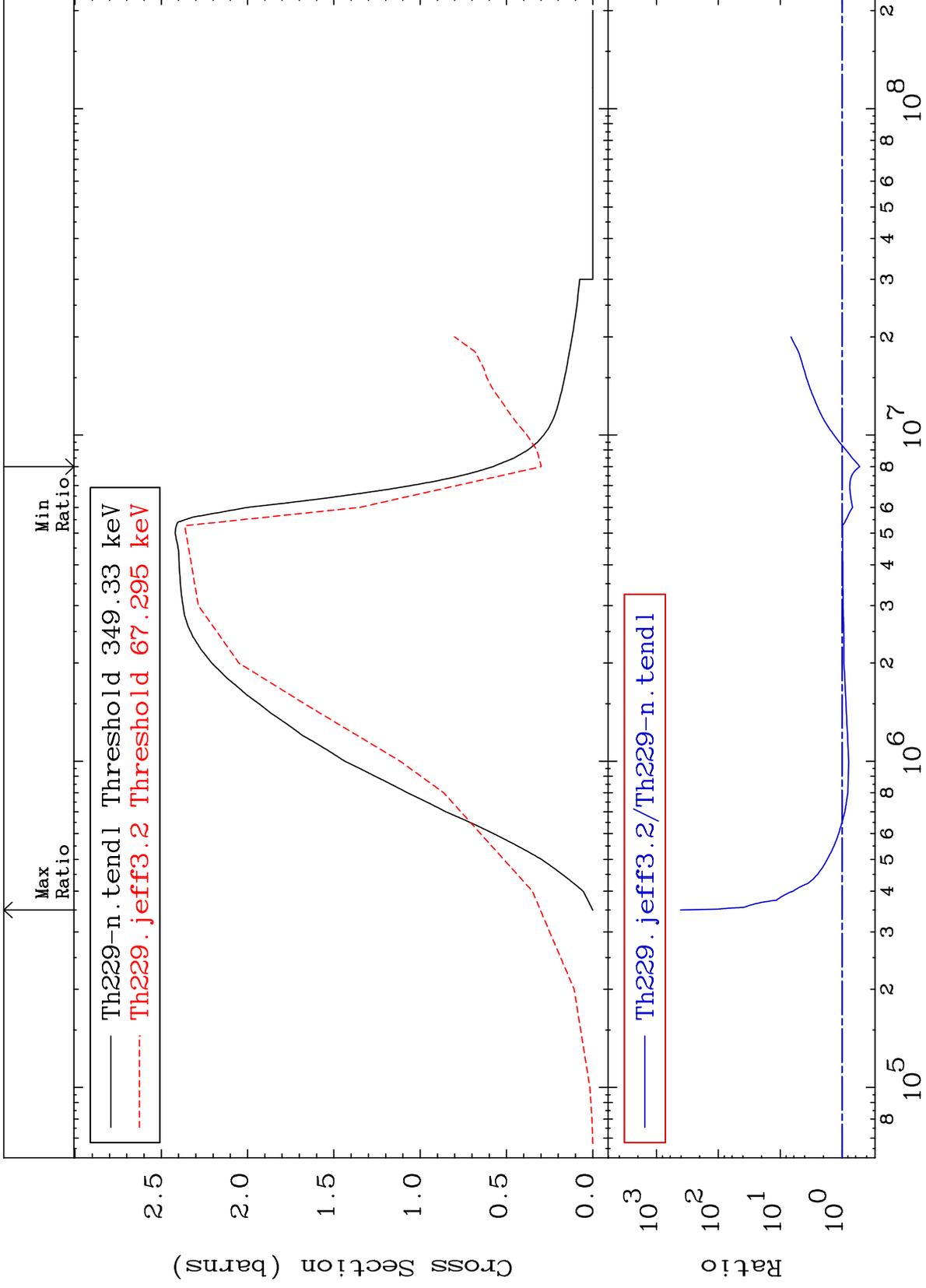
90-Th-229  
-100.0 To 437.6 %



MAT 9031

(n, n') Continuum  
Cross Section

90-Th-229  
-48.45 To 9999. %

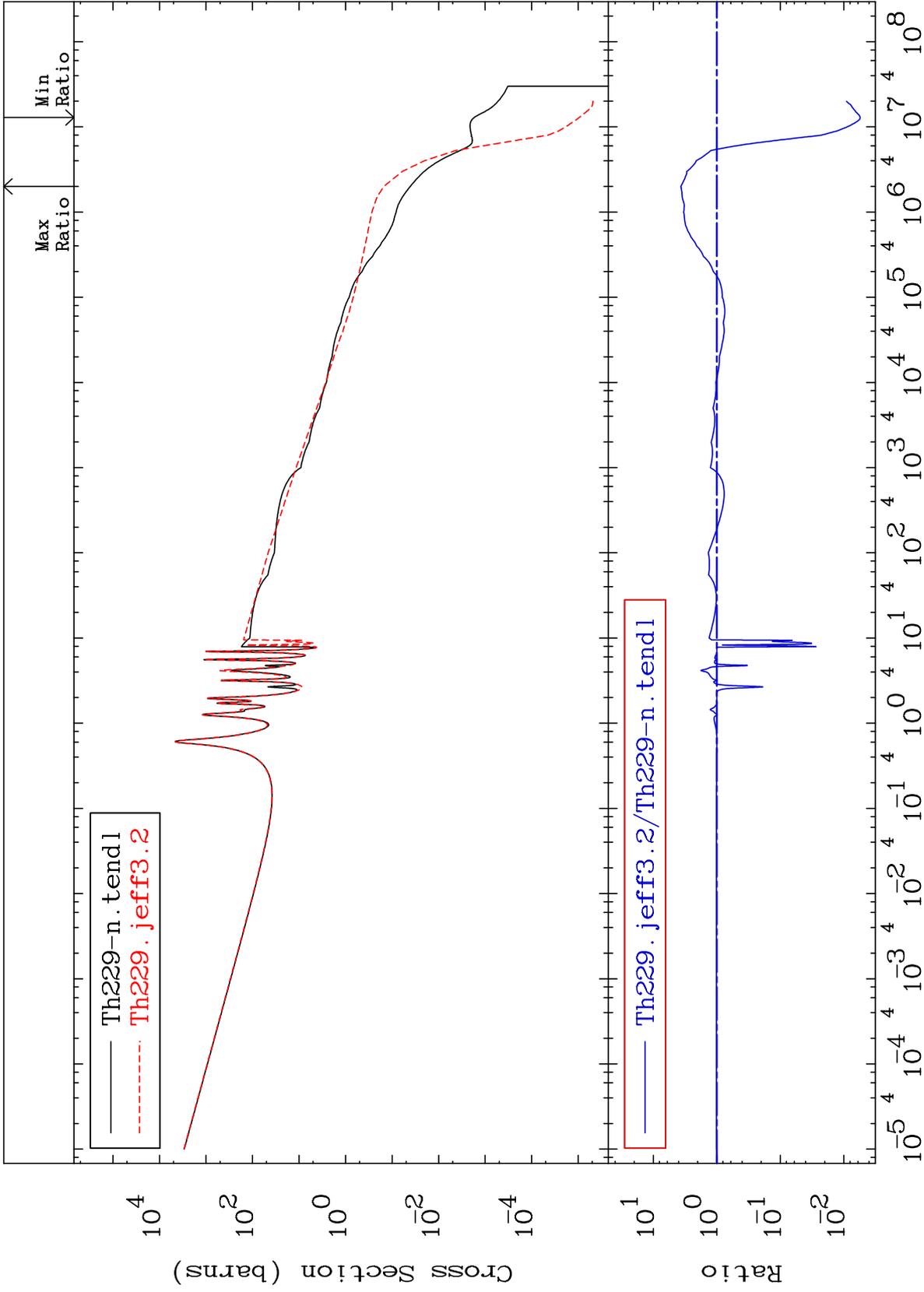


12

90-Th-229

MAT 9031

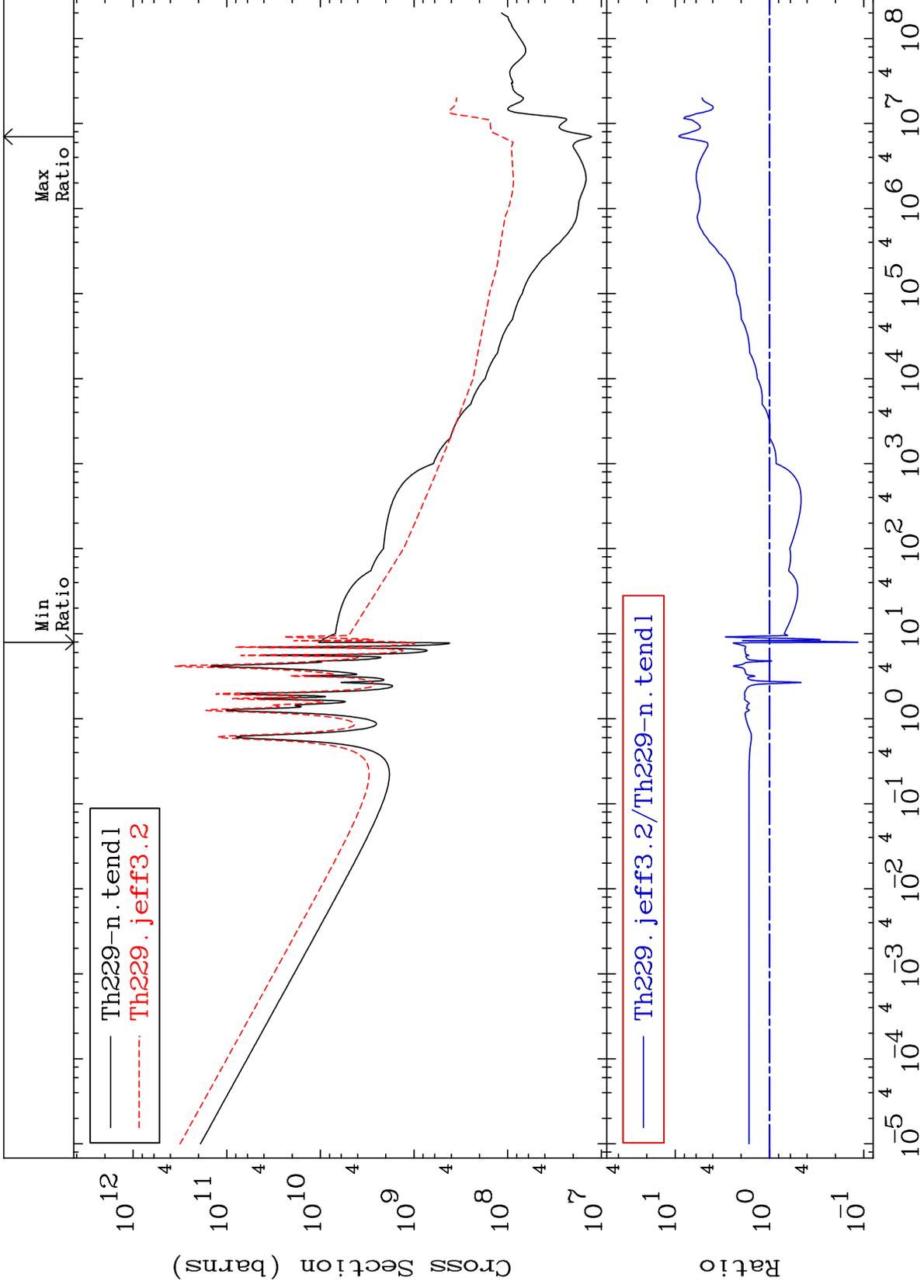
(n,  $\gamma$ )  
Cross Section  
90-Th-229  
-99.45 To 270.0 %



MAT 9031

Kerma total (eV-barns)  
Cross Section

90-Th-229  
-88.44 To 810.1 %



Incident Energy (eV)

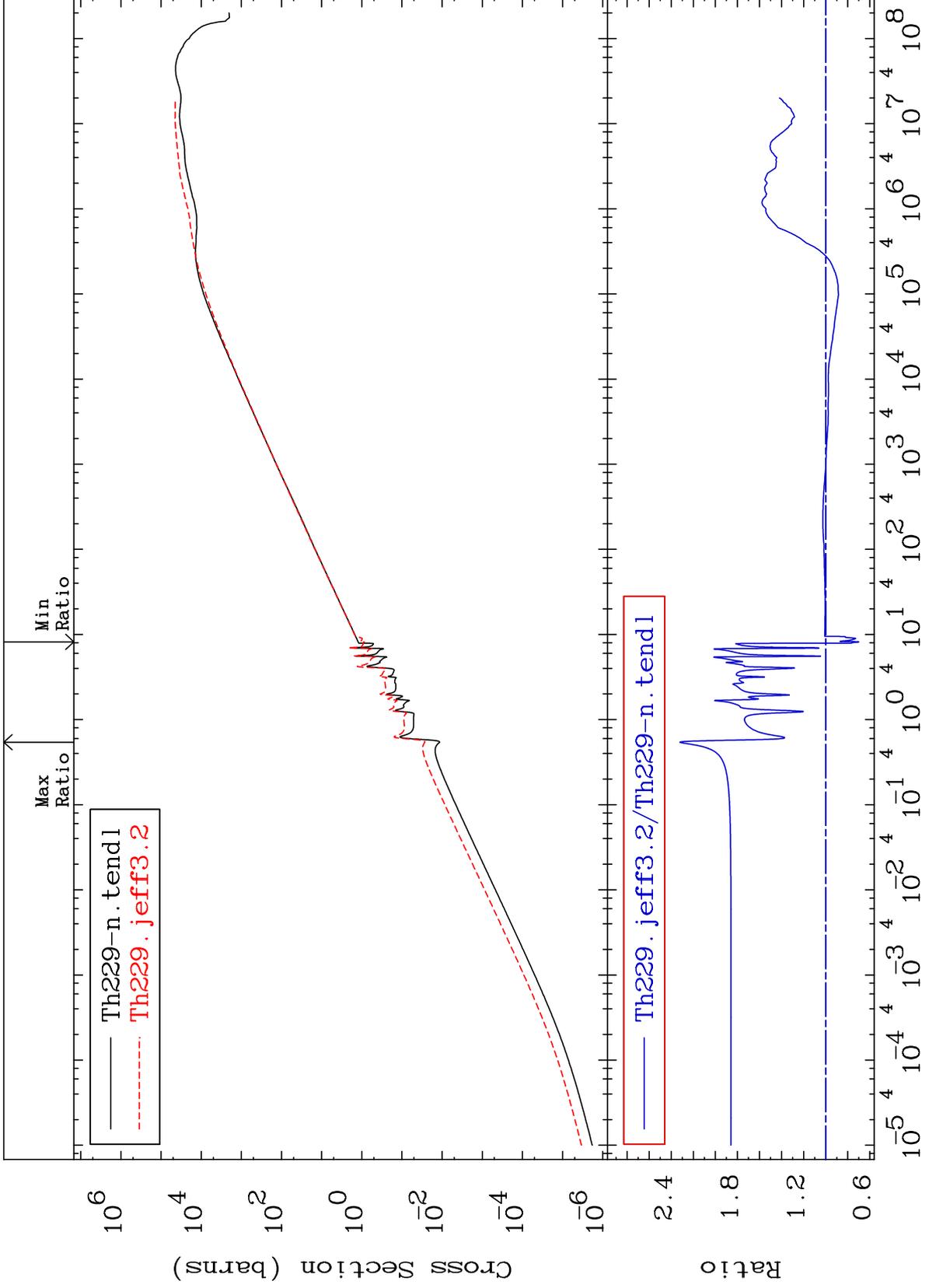
90-Th-229

14

MAT 9031

Kerma elastic  
Cross Section

90-Th-229  
-30.12 To 132.2 %



15

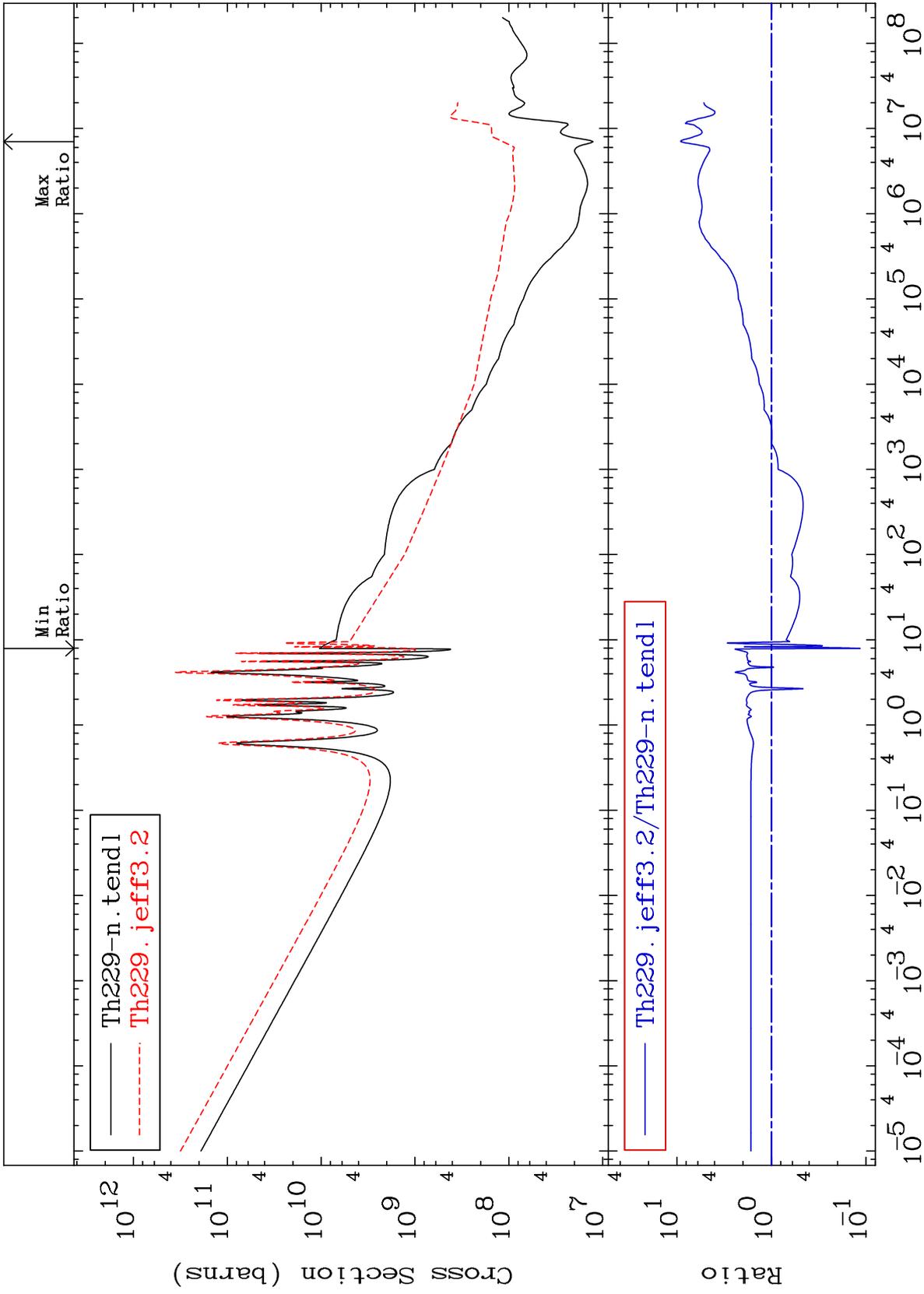
Incident Energy (eV)

90-Th-229

MAT 9031

Kerma non-elastic (all but mt2)  
Cross Section

90-Th-229  
-88.44 To 811.8 %



Incident Energy (eV)

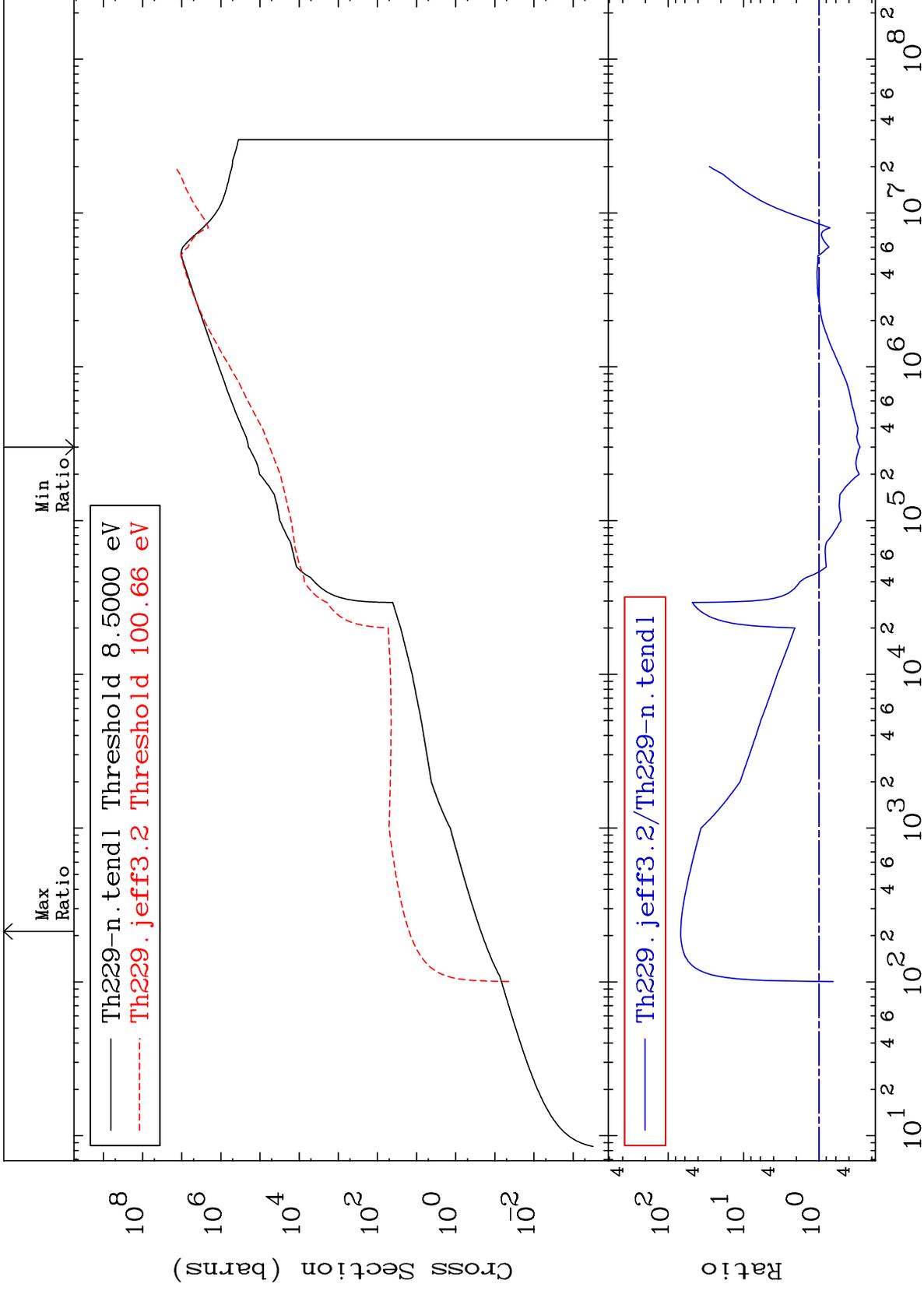
90-Th-229

16

MAT 9031

Kerma inelastic (mt51-91)  
Cross Section

90-Th-229  
-71.41 To 6695. %



17

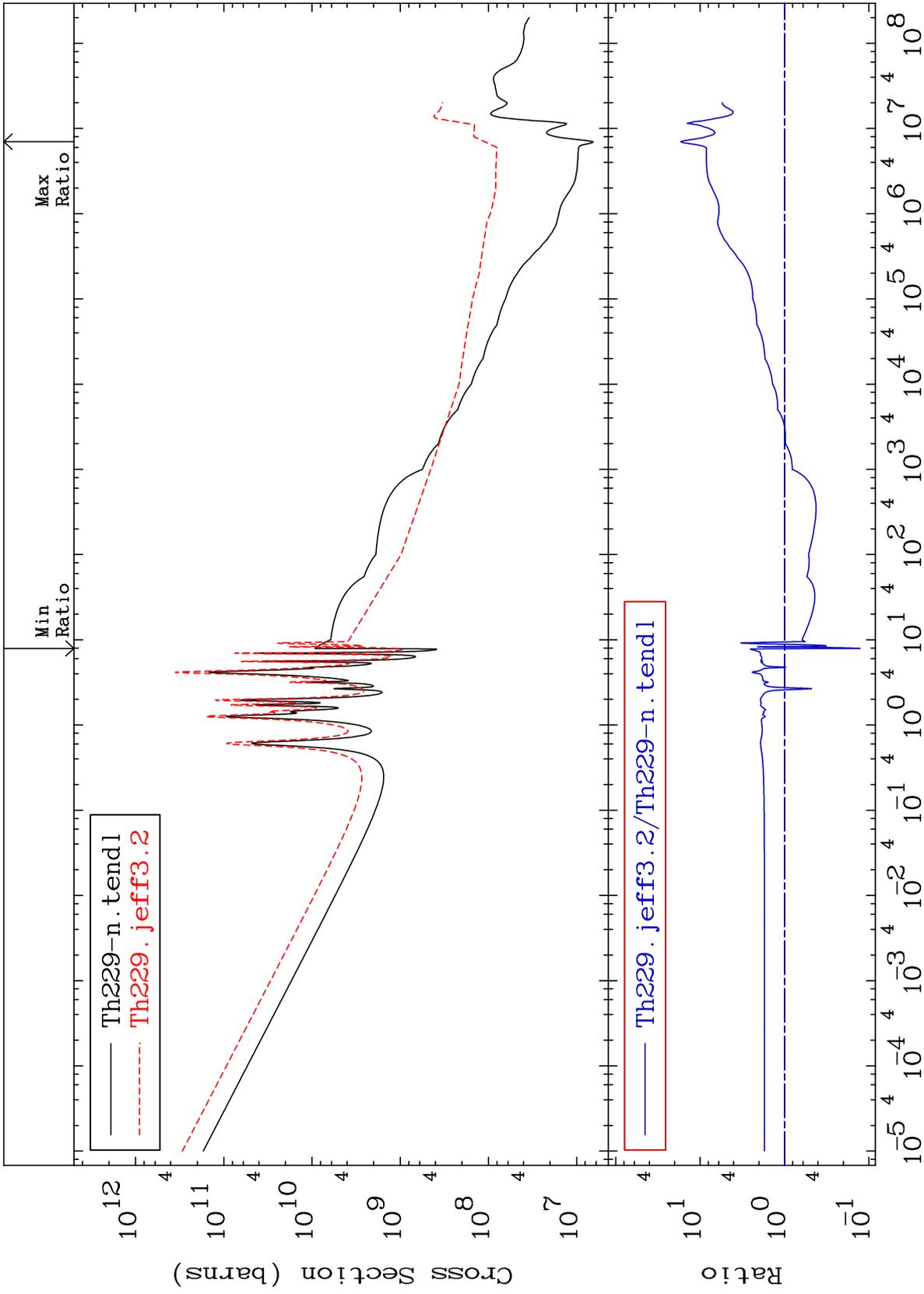
Incident Energy (eV)

90-Th-229

MAT 9031

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

90-Th-229  
-87.32 To 1594. %



Incident Energy (eV)

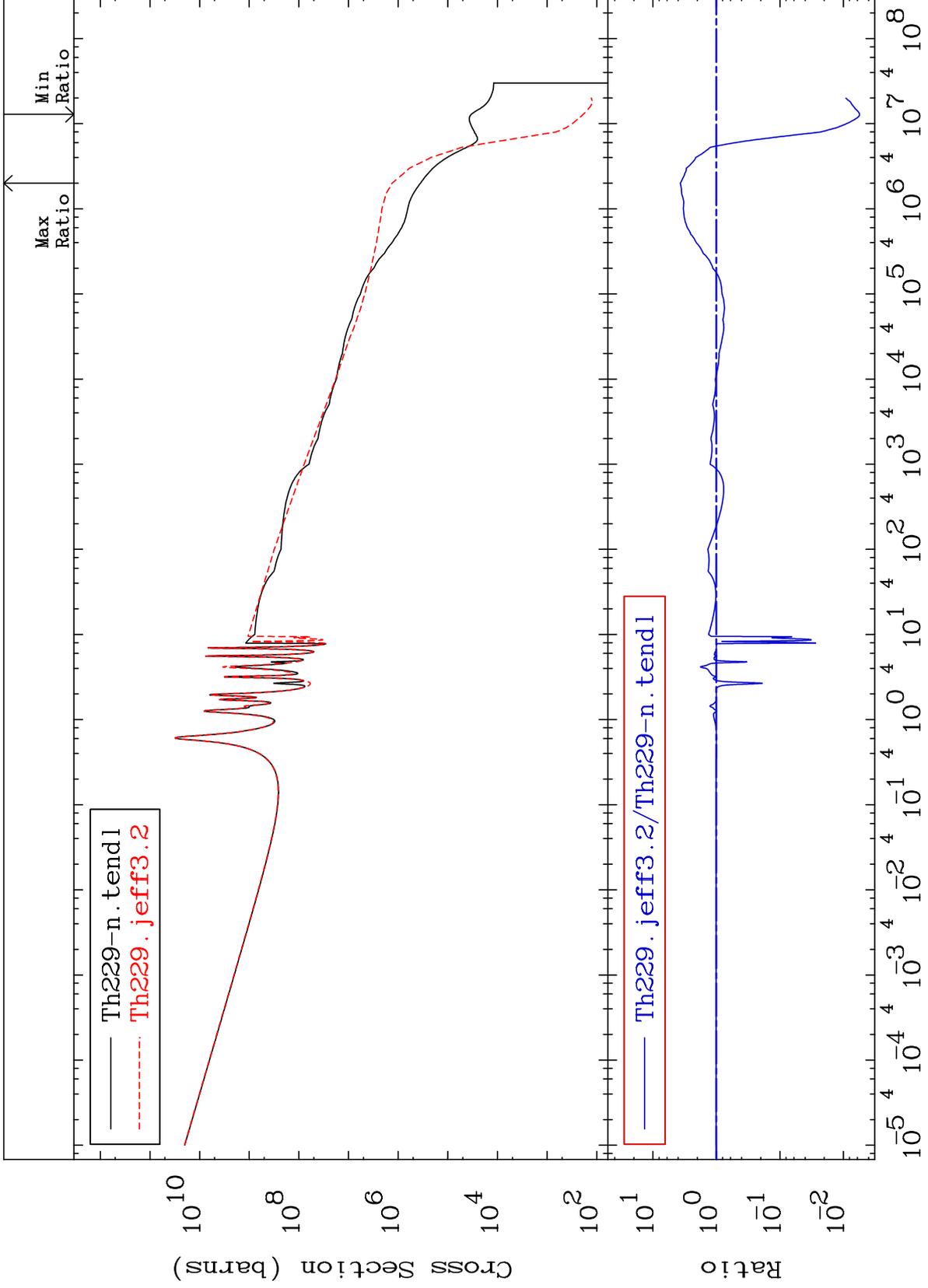
90-Th-229

18

MAT 9031

Kerma capture (mt102)  
Cross Section

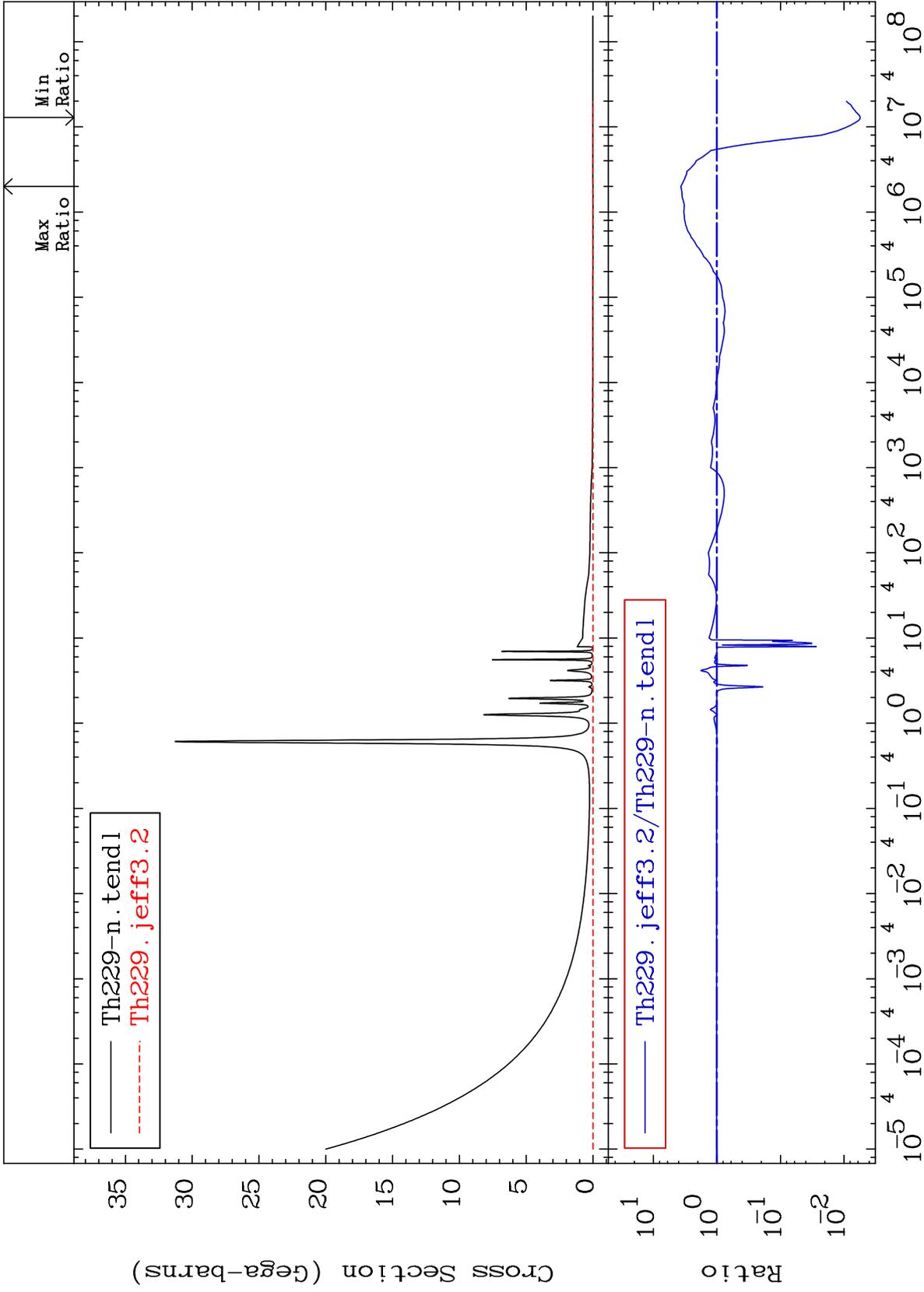
90-Th-229  
-99.44 To 270.7 %



MAT 9031

Total photon (eV-barns)  
Cross Section

90-Th-229  
-99.44 To 270.7 %



20

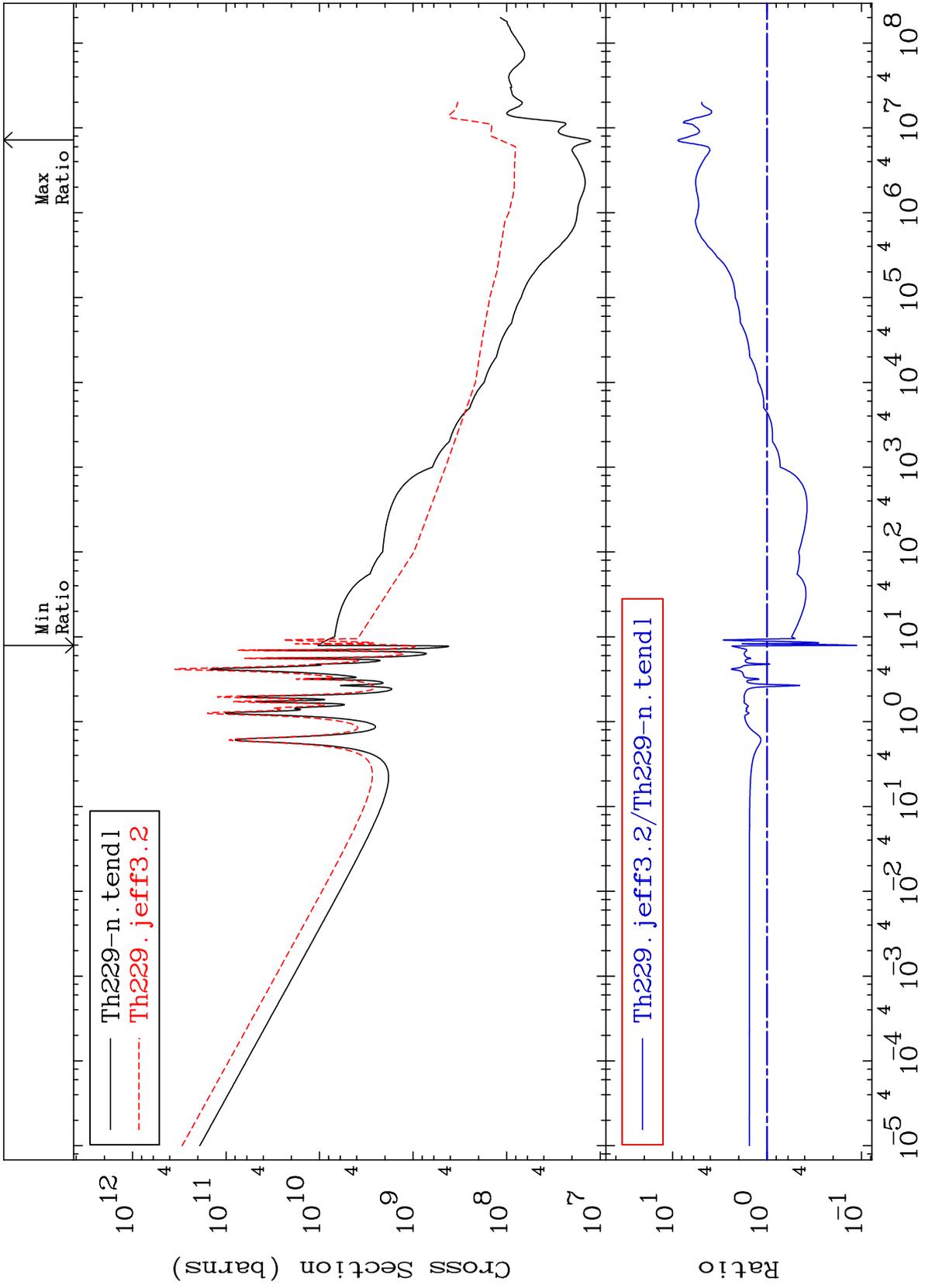
Incident Energy (eV)

90-Th-229

MAT 9031

Total kinematic kerma (high limit)  
Cross Section

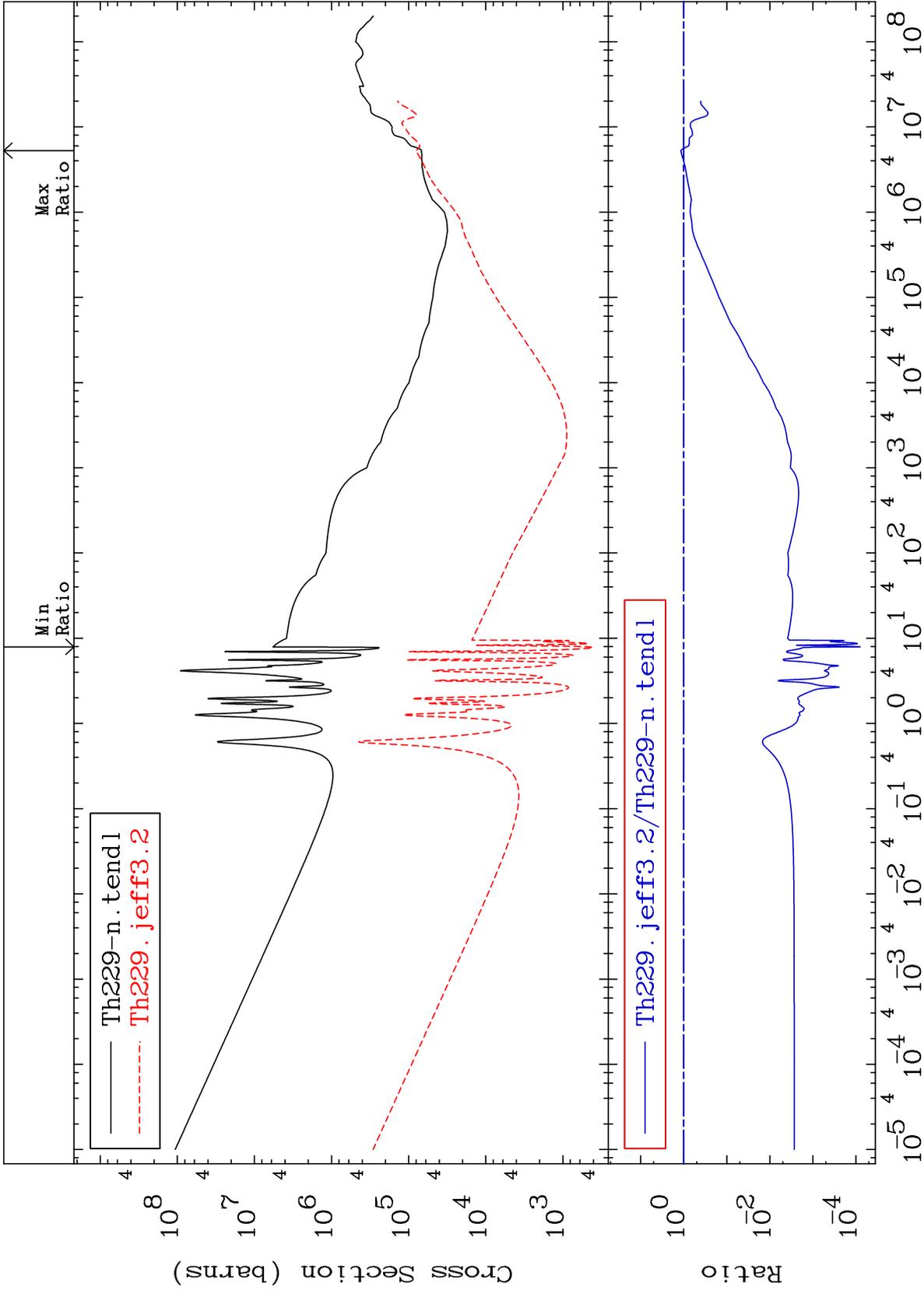
90-Th-229  
-88.75 To 776.8 %

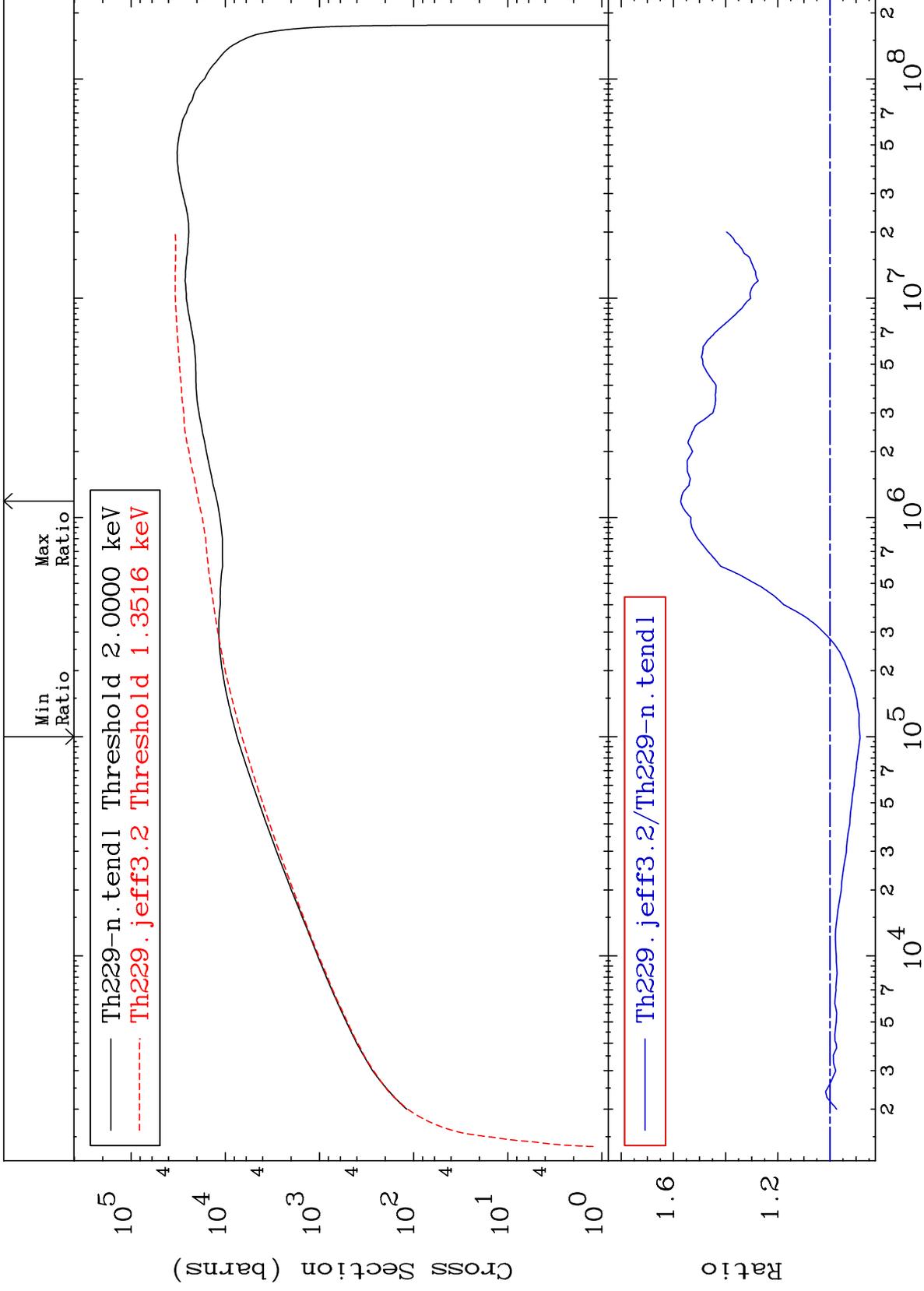


MAT 9031

Dpa total (eV-barns)  
Cross Section

90-Th-229  
-99.99 To 17.29 %

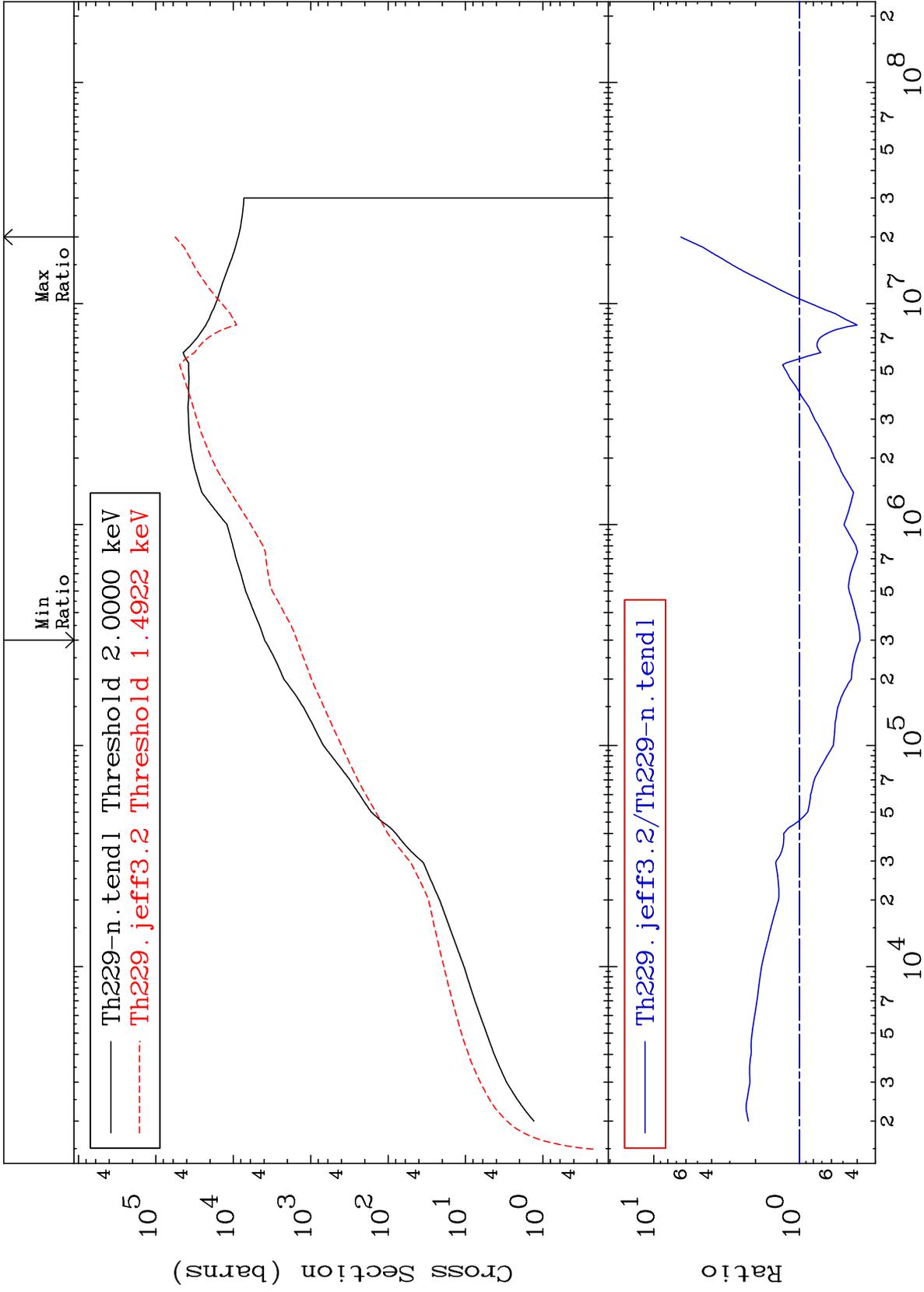




MAT 9031

Dpa inelastic (mt51-91)  
Cross Section

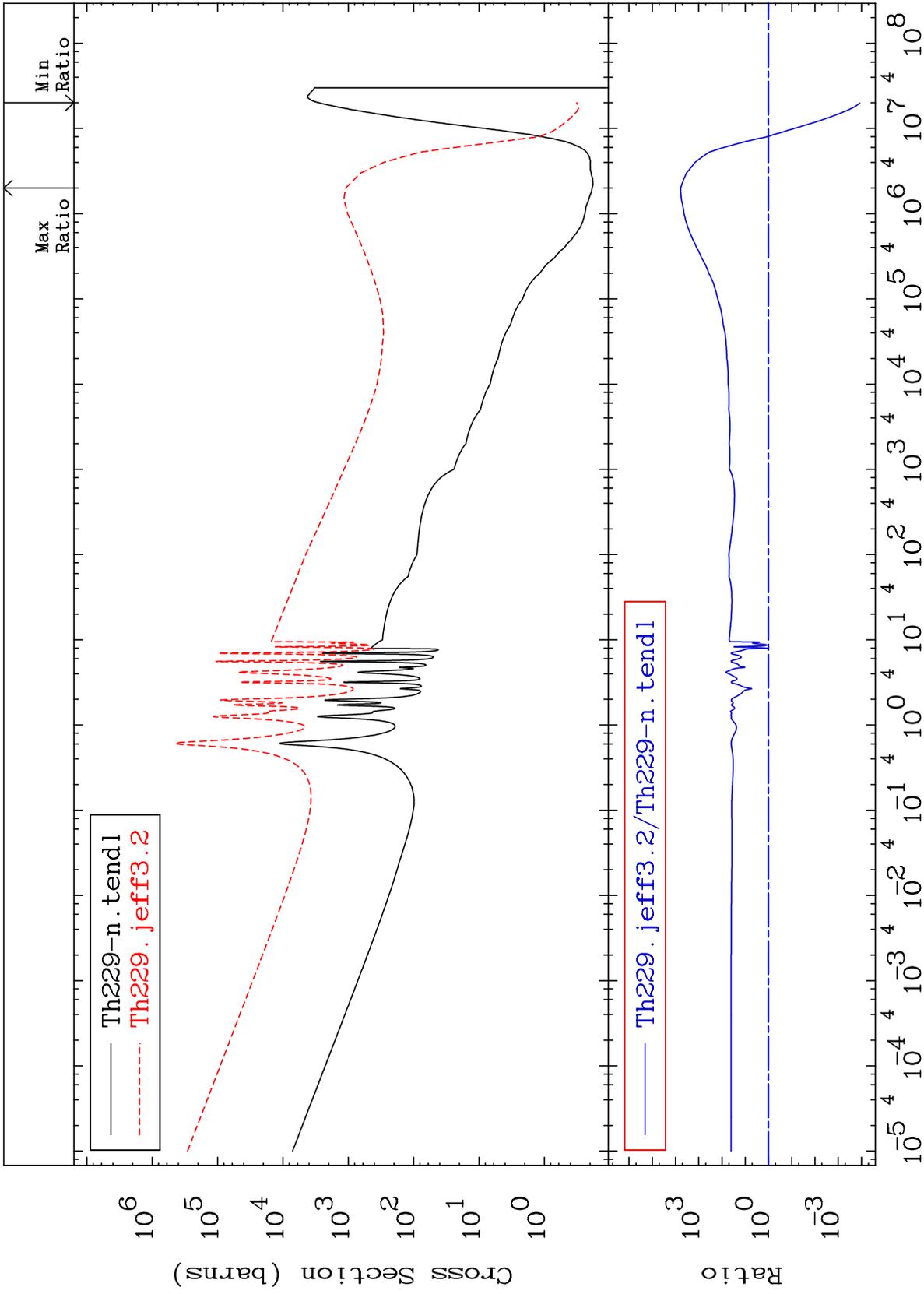
90-Th-229  
-61.81 To 551.8 %



MAT 9031

Dpa disappearance (mt102 -120)  
Cross Section

90-Th-229  
-99.99 To 9999. %



25

Incident Energy (eV)

90-Th-229