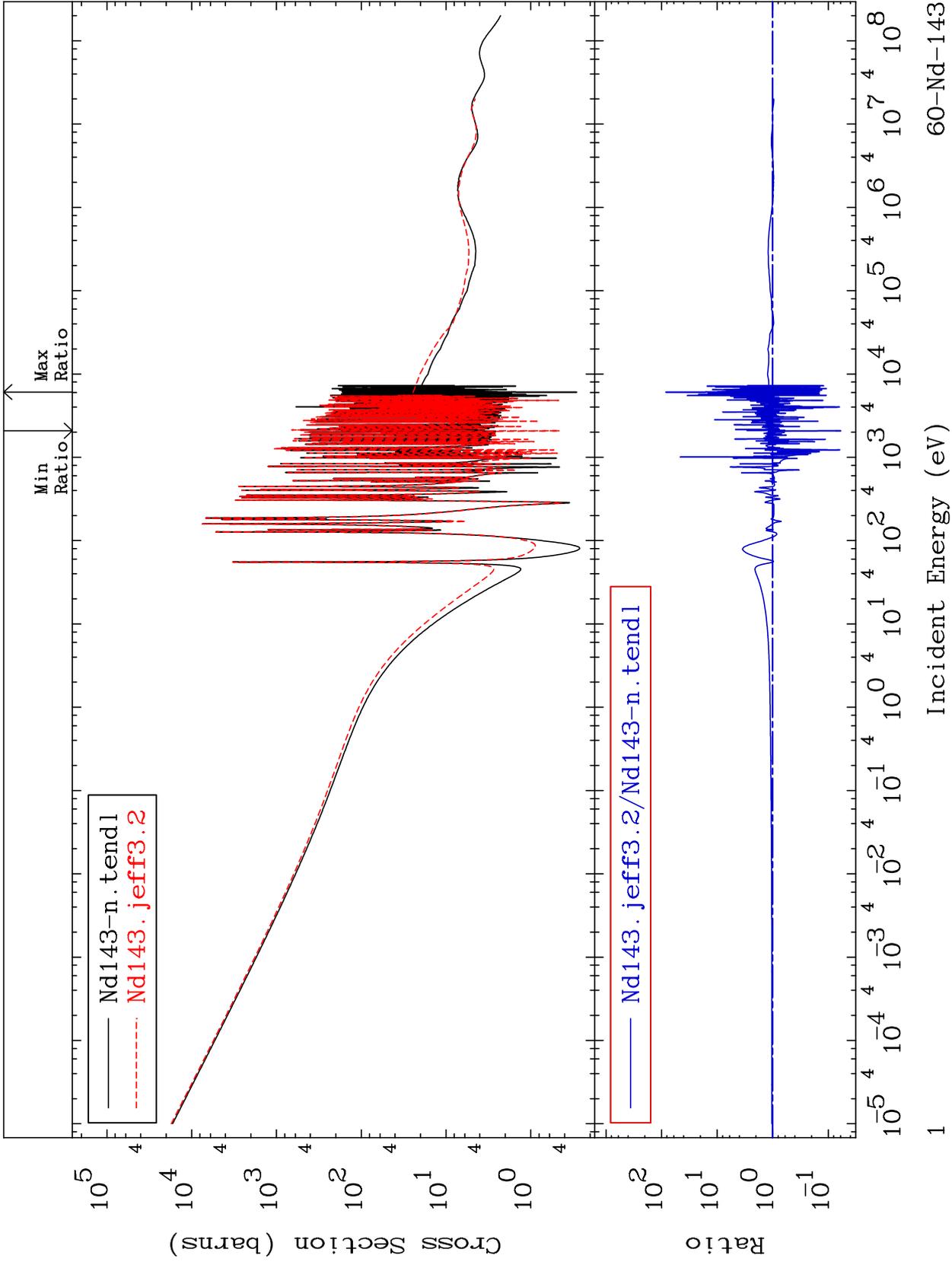


MAT 6028

Total  
Cross Section

60-Nd-143  
-94.05 To 8401. %



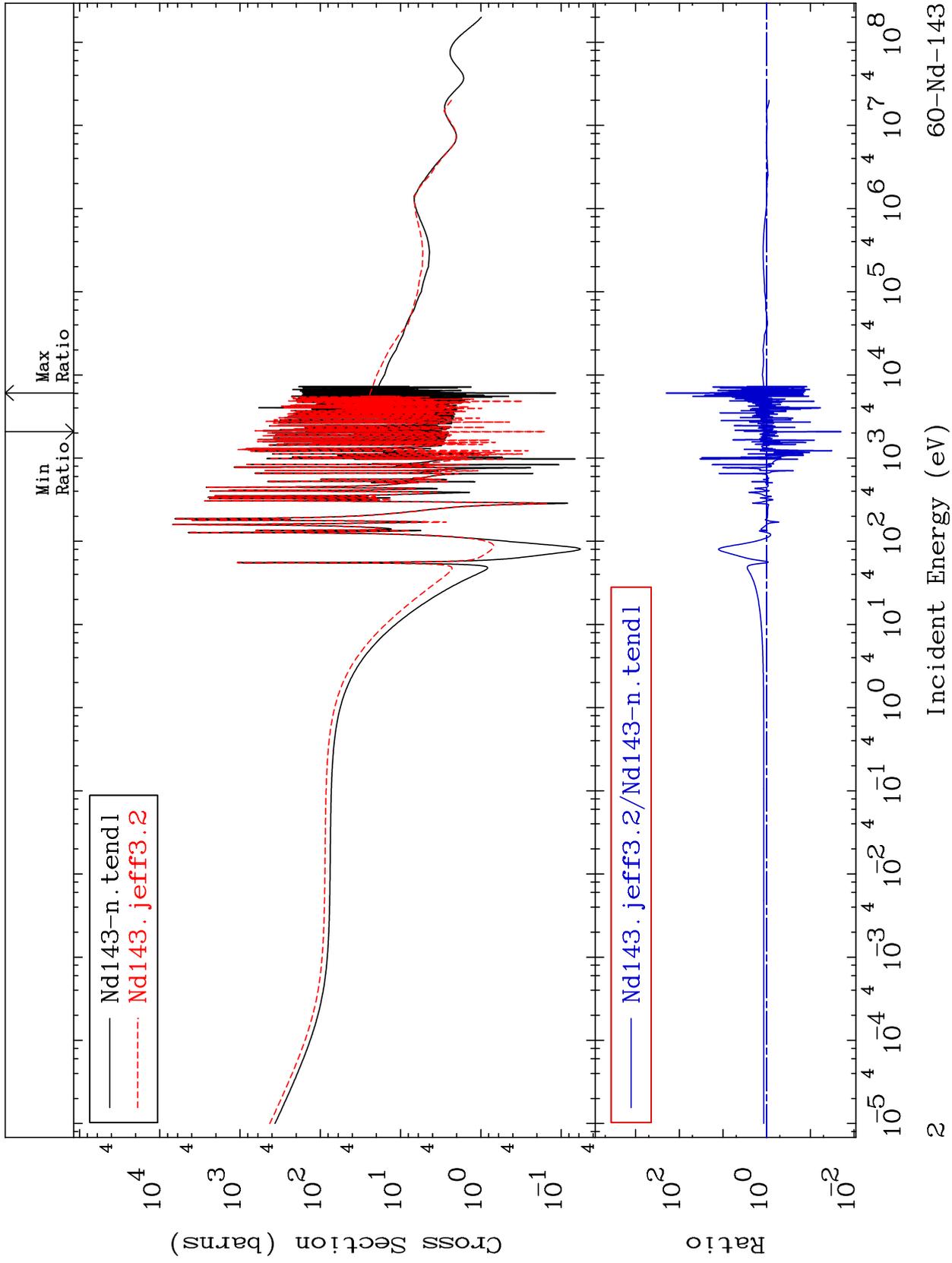
MAT 6028

Elastic

Cross Section

60-Nd-143

-98.01 To 9999. %

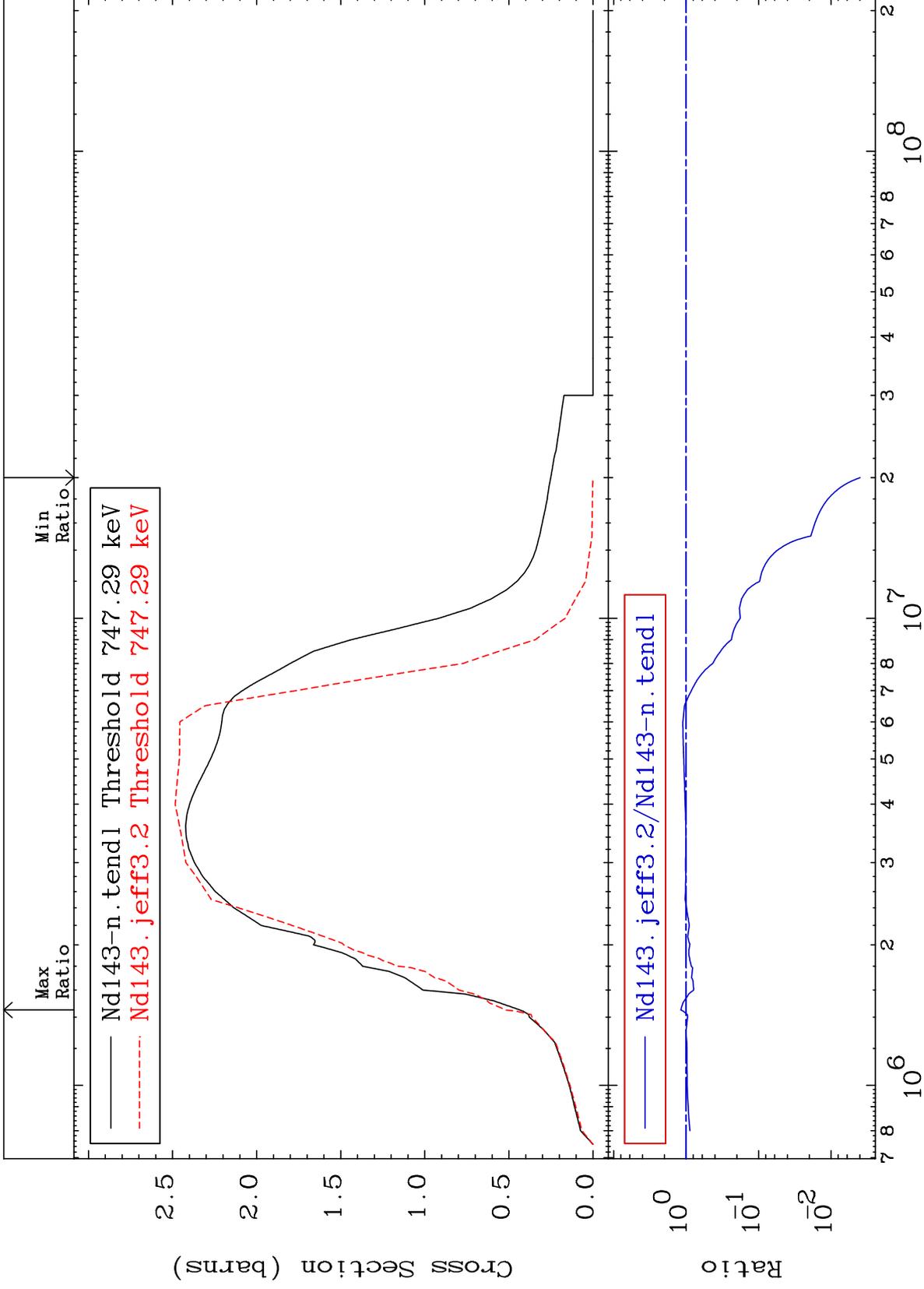


60-Nd-143

MAT 6028

Inelastic  
Cross Section

60-Nd-143  
-99.60 To 18.90 %



3

Incident Energy (eV)

60-Nd-143

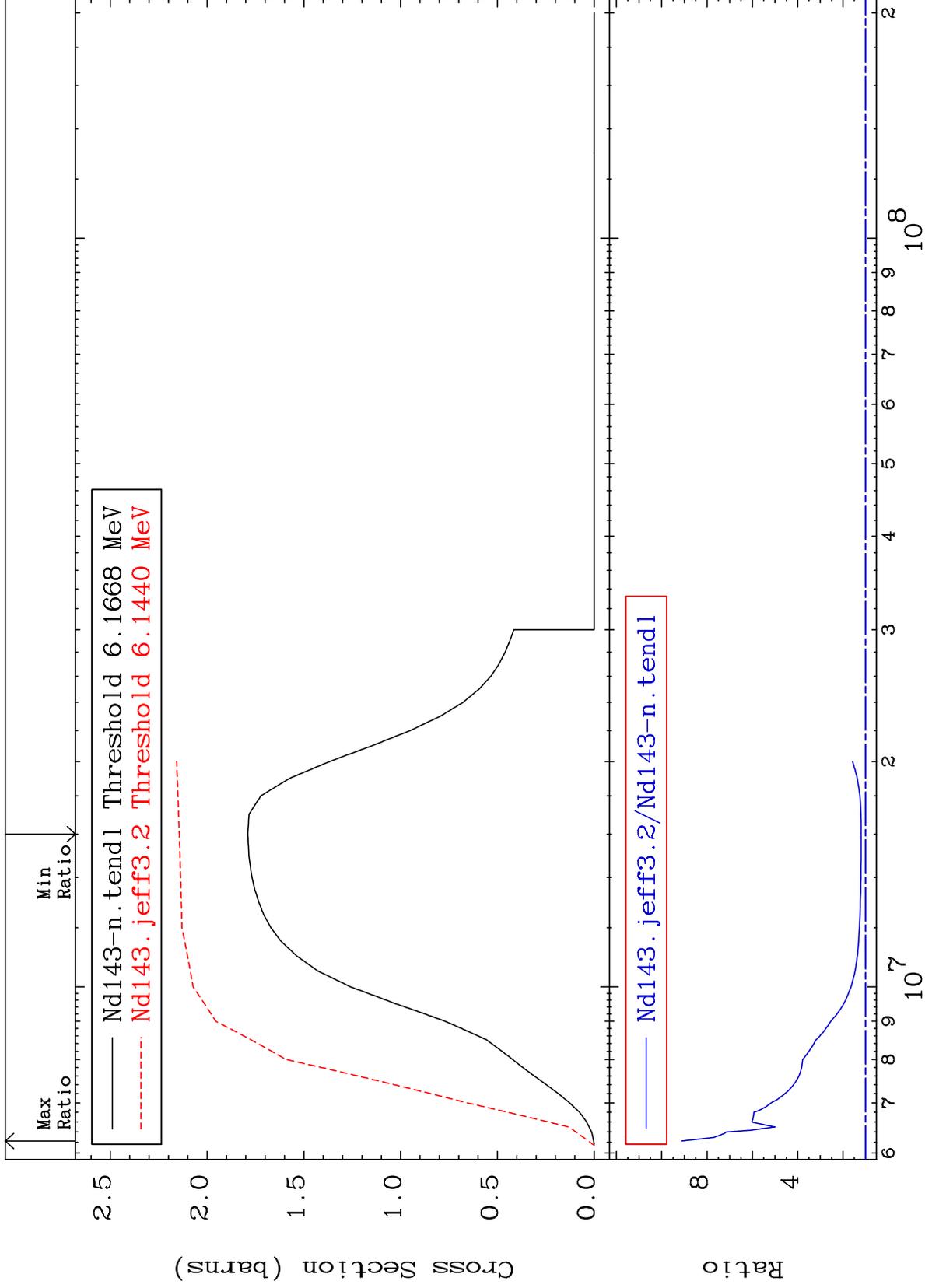
MAT 6028

(n,2n)

60-Nd-143

Cross Section

19.78 To 810.8 %



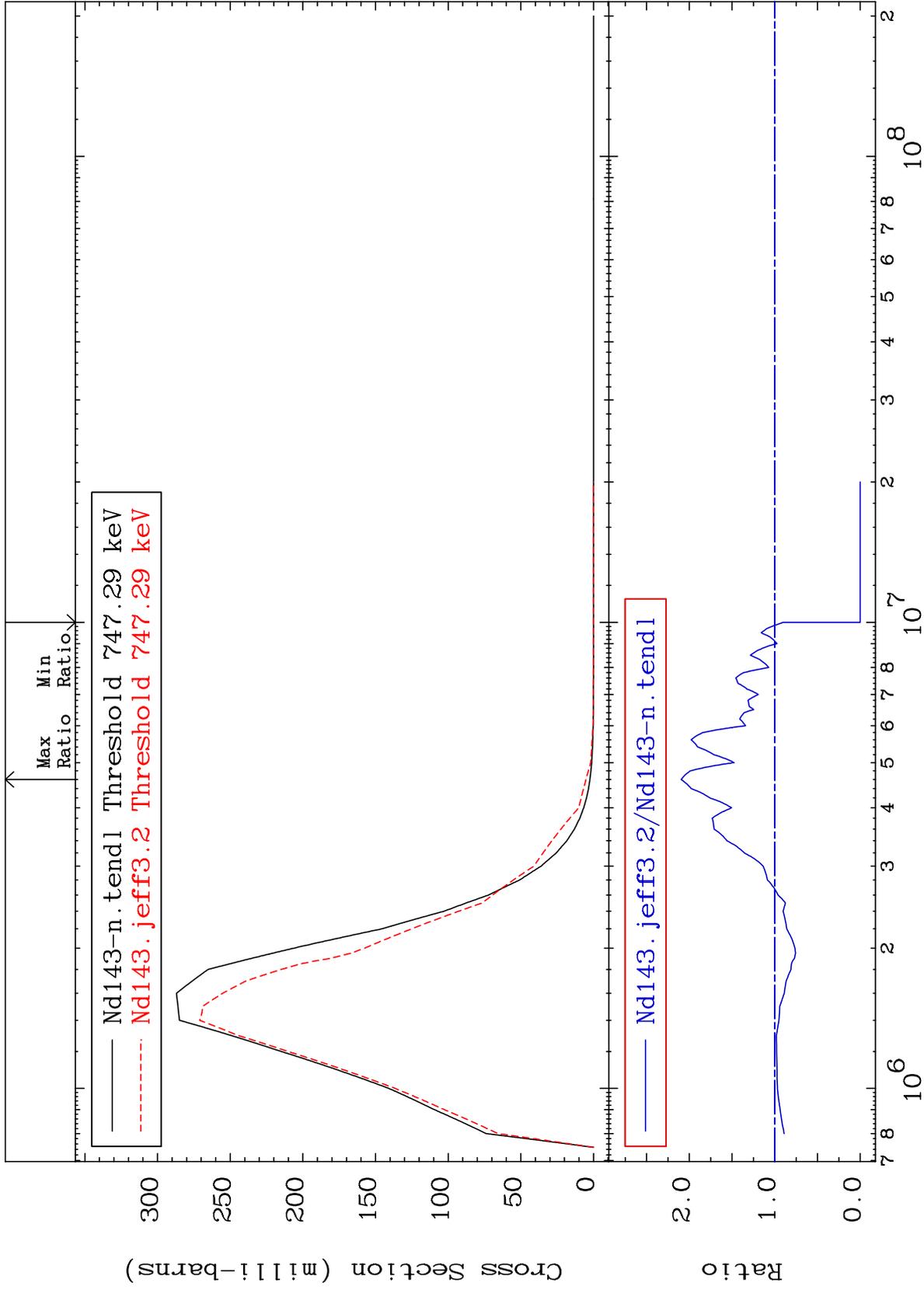
MAT 6028

742.1 keV (n,n') Level

60-Nd-143

-100.0 To 109.5 %

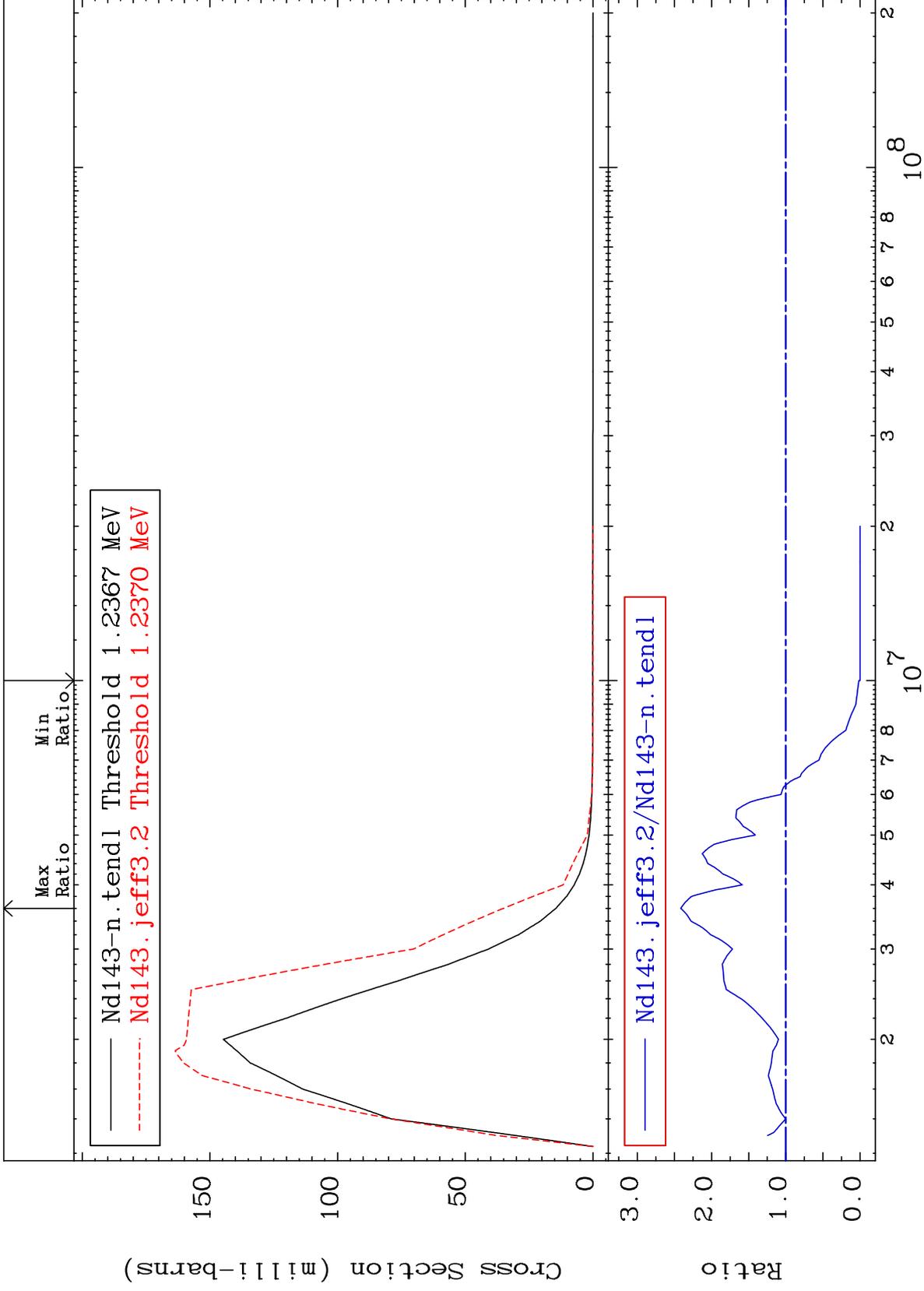
Cross Section



Incident Energy (eV)

60-Nd-143

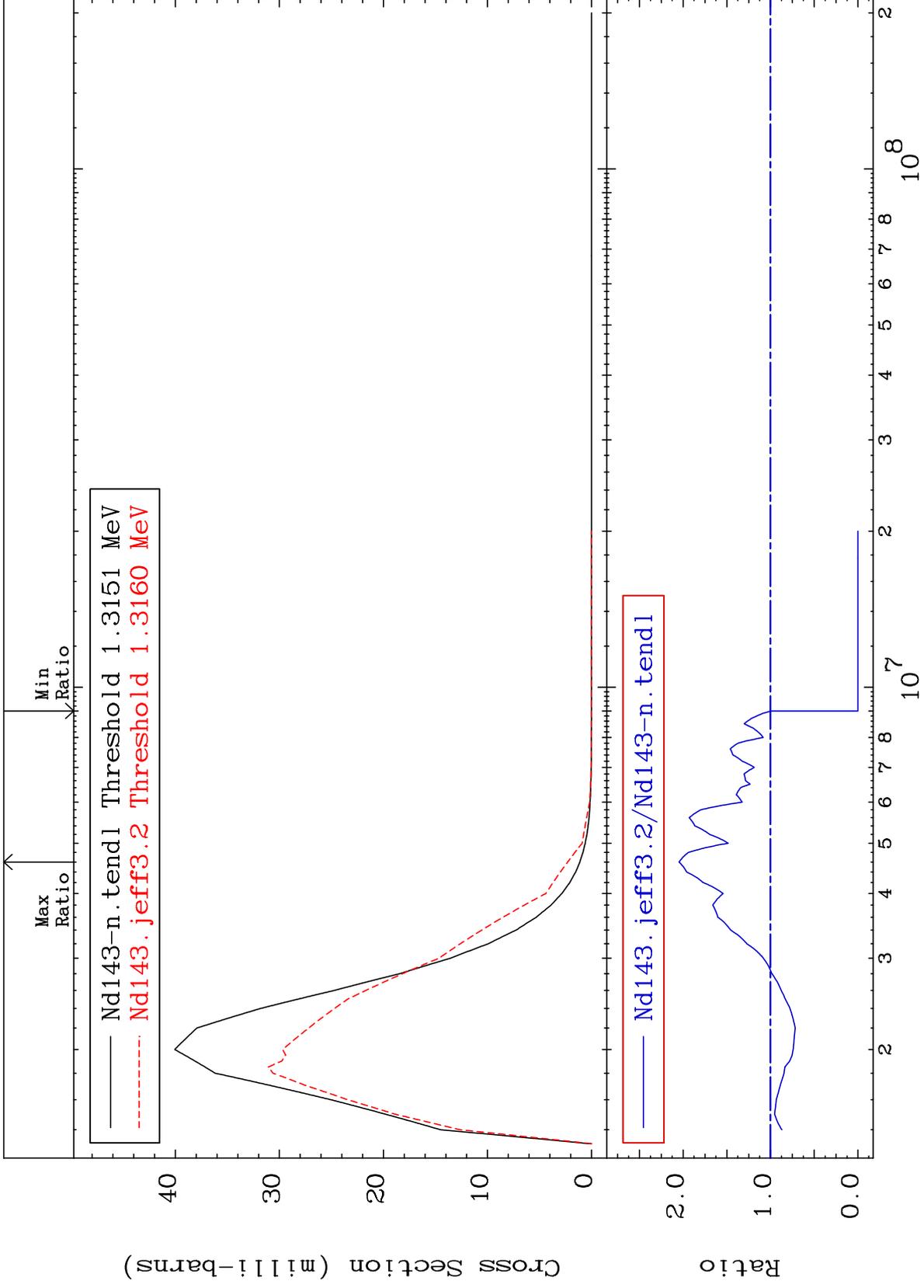
5



MAT 6028

1.306 MeV (n,n') Level  
Cross Section

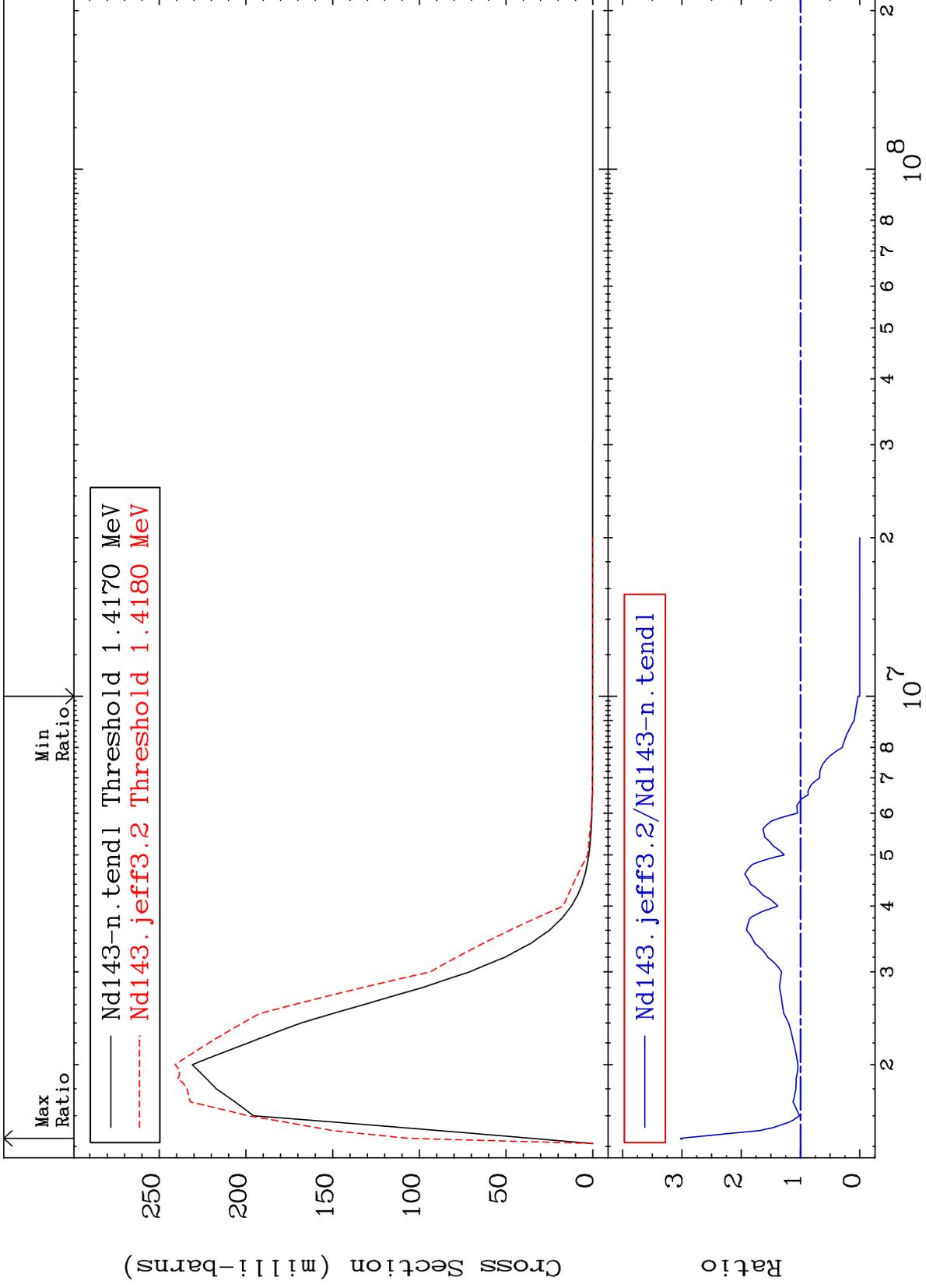
60-Nd-143  
-100.0 To 104.7 %



MAT 6028

1.407 MeV (n,n') Level  
Cross Section

60-Nd-143  
-100.0 To 202.3 %



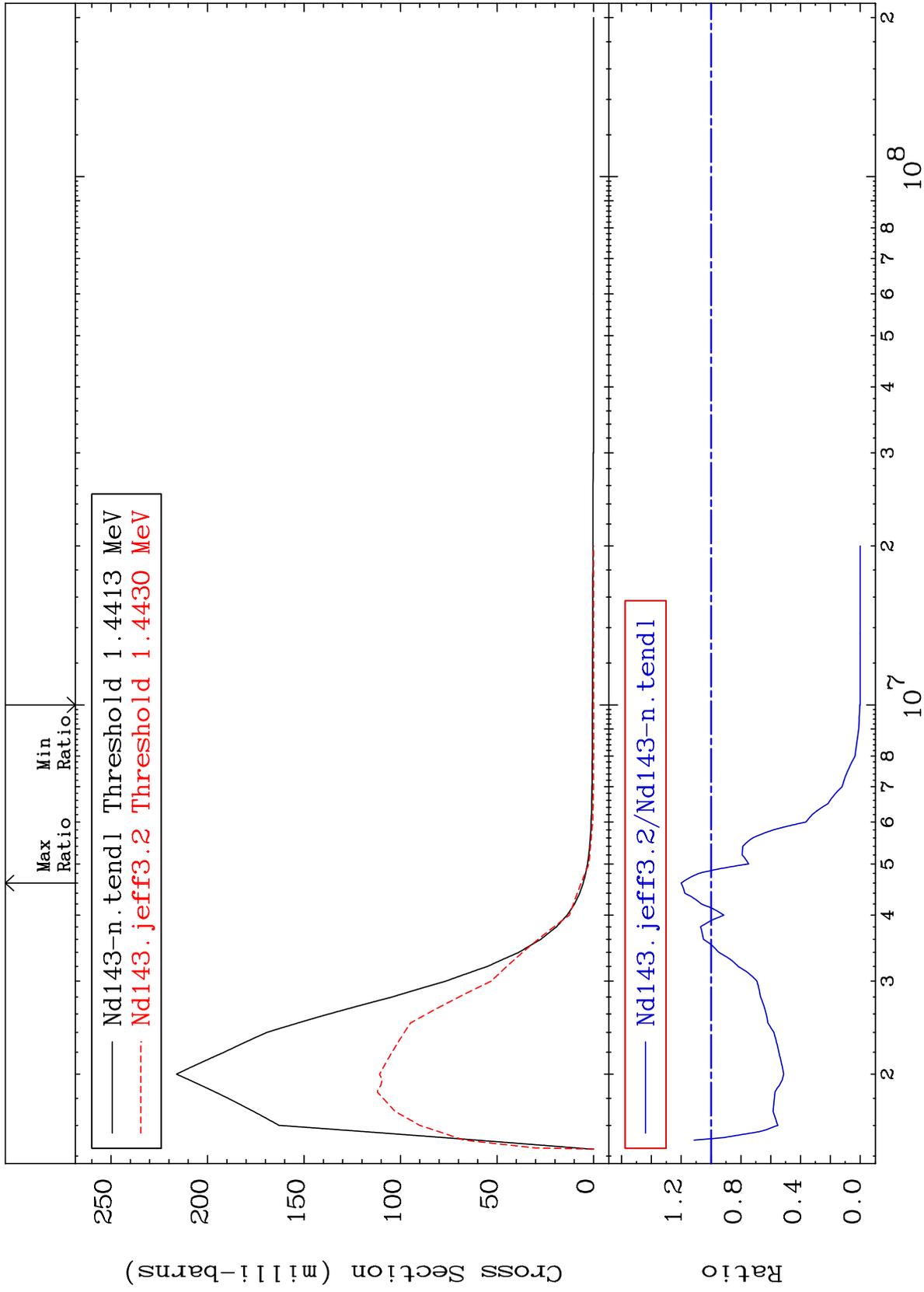
MAT 6028

1.431 MeV (n,n') Level

60-Nd-143

-100.0 To 20.03 %

Cross Section



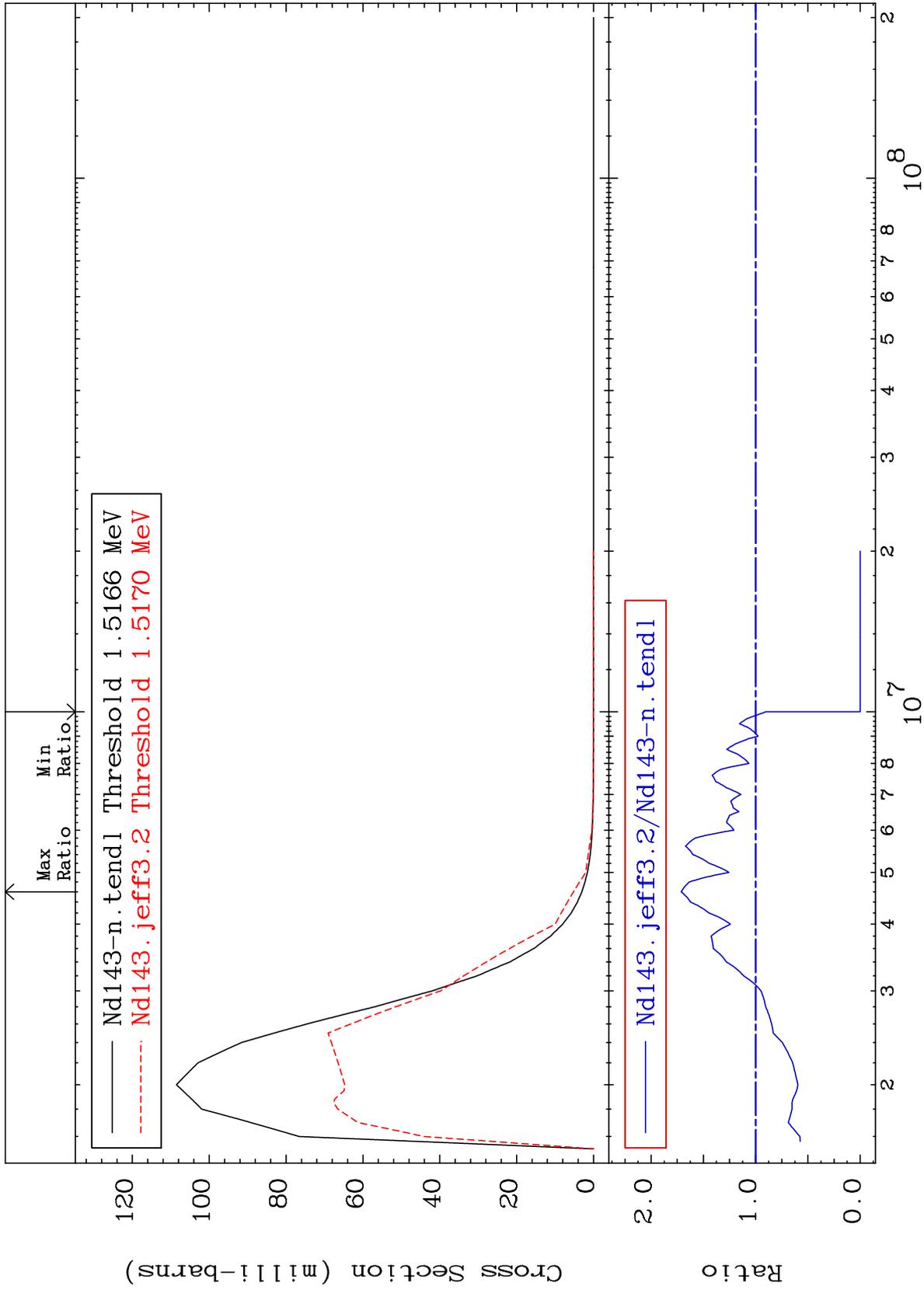
MAT 6028

1.506 MeV (n,n') Level

60-Nd-143

-100.0 To 71.24 %

Cross Section



10

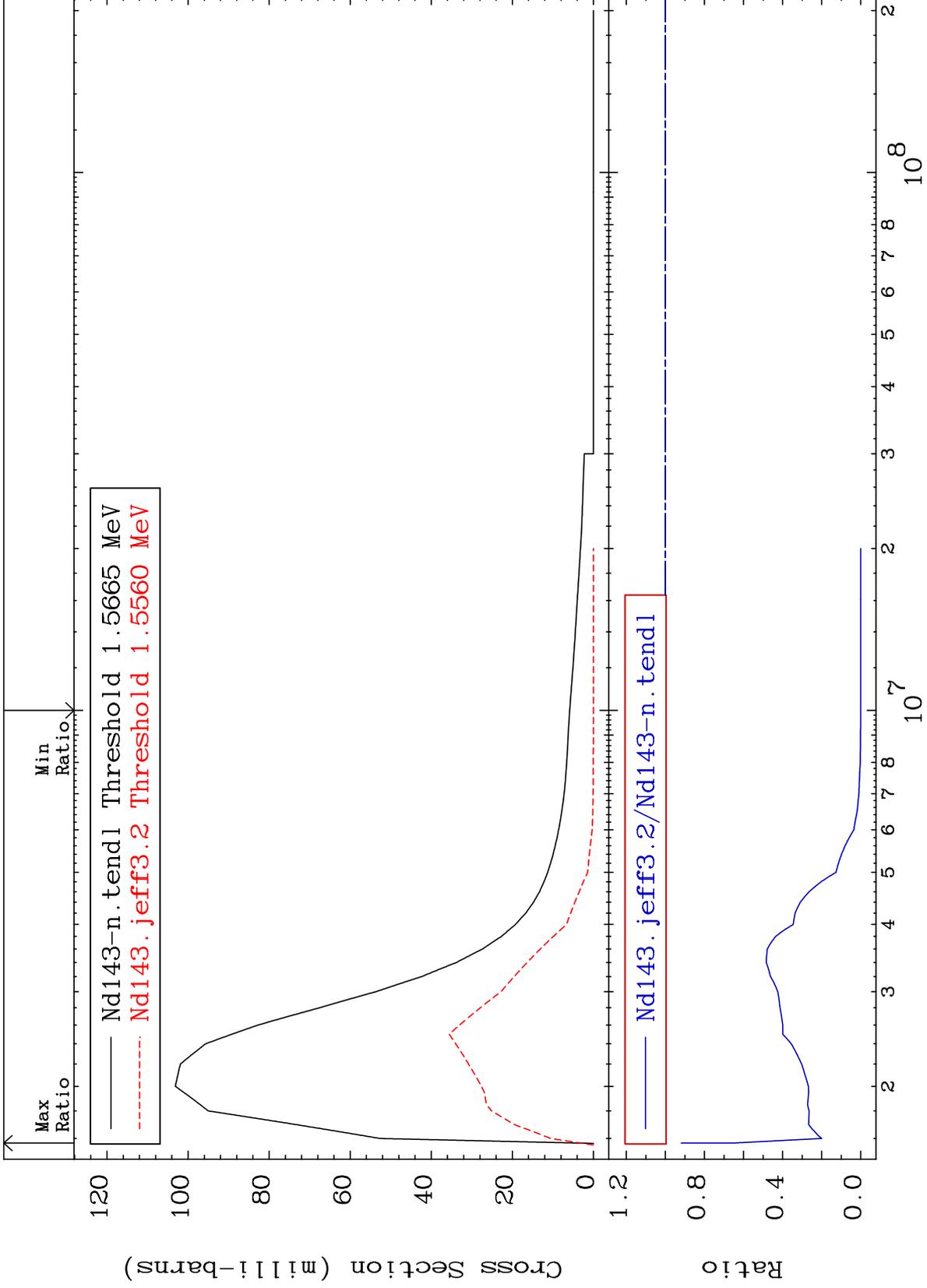
Incident Energy (eV)

60-Nd-143

MAT 6028

1.556 MeV (n,n') Level  
Cross Section

60-Nd-143  
-100.0 To -8.144%



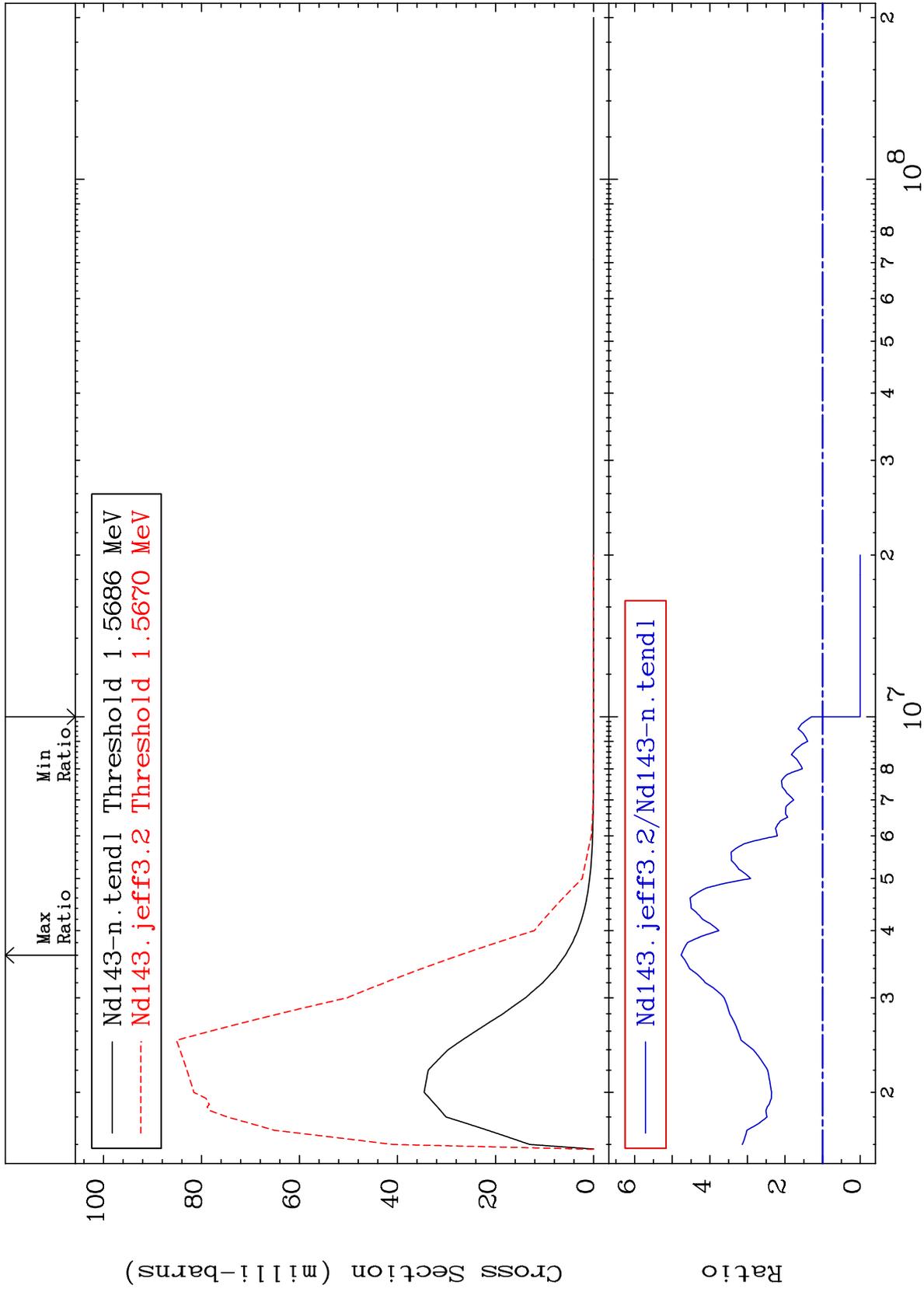
MAT 6028

1.558 MeV (n,n') Level

60-Nd-143

-100.0 To 376.3 %

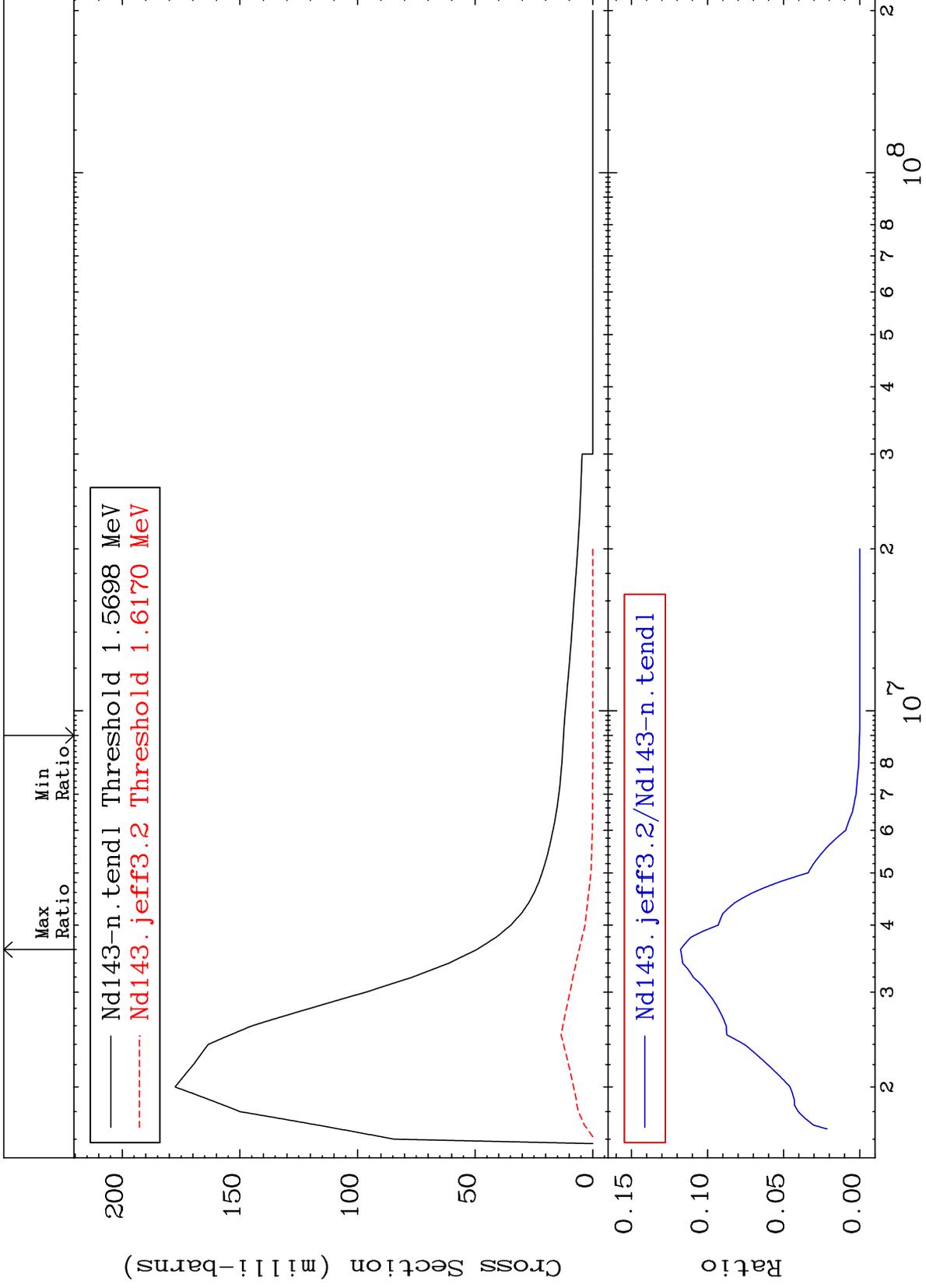
Cross Section



MAT 6028

1.559 MeV (n,n') Level  
Cross Section

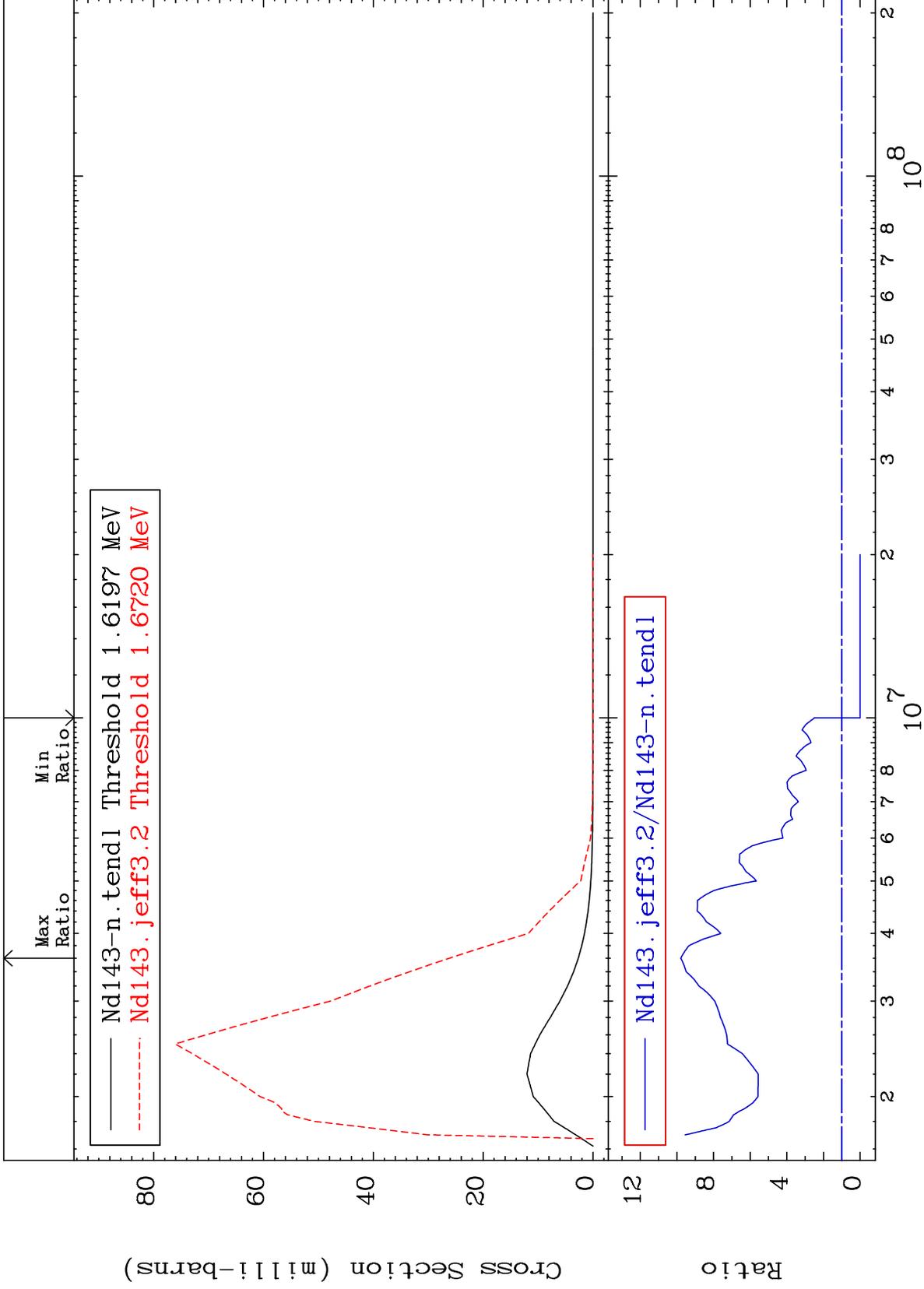
60-Nd-143  
-100.0 To -88.22%



MAT 6028

1.608 MeV (n,n') Level  
Cross Section

60-Nd-143  
-100.0 To 879.0 %



14

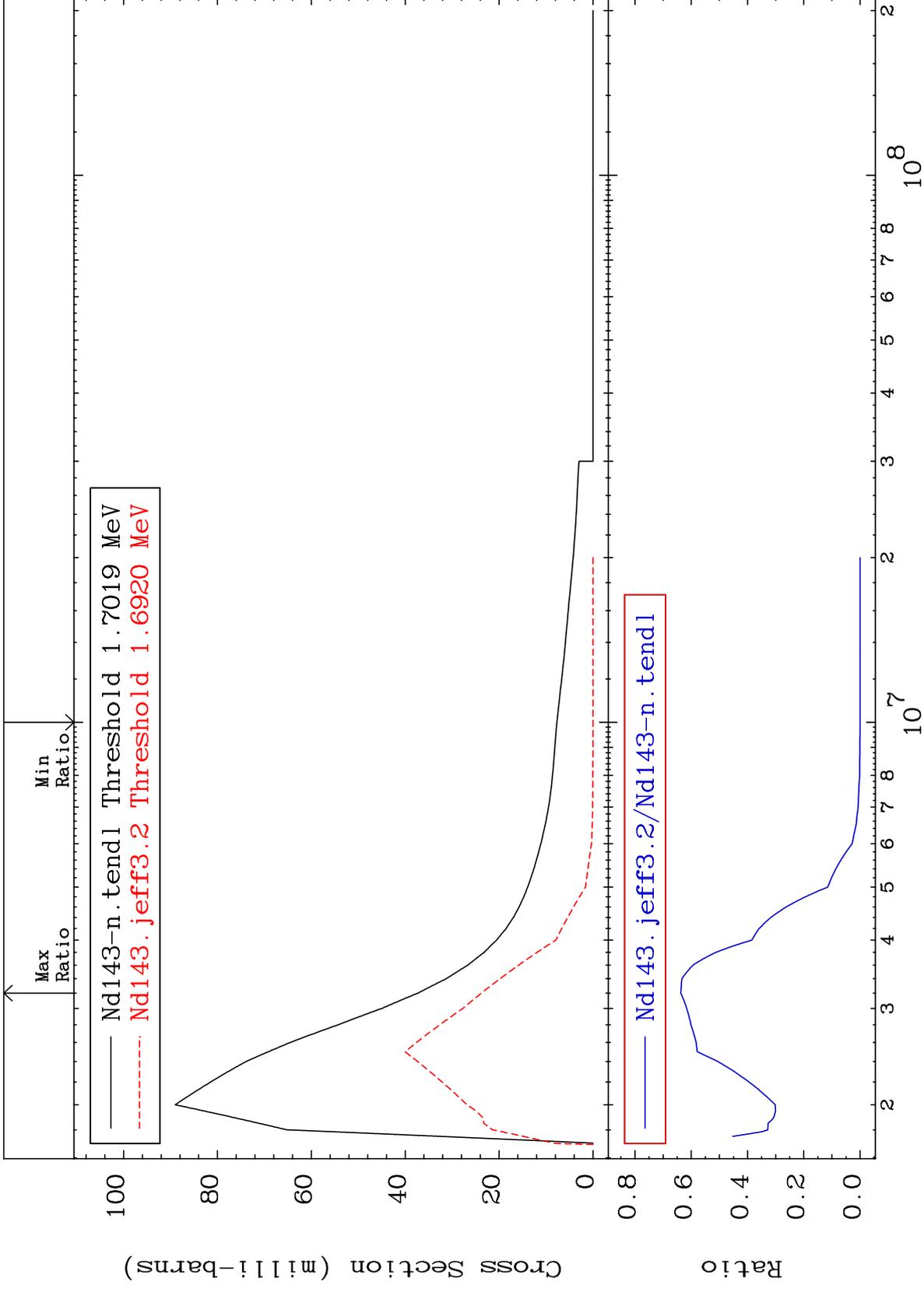
Incident Energy (eV)

60-Nd-143

MAT 6028

1.690 MeV (n,n') Level  
Cross Section

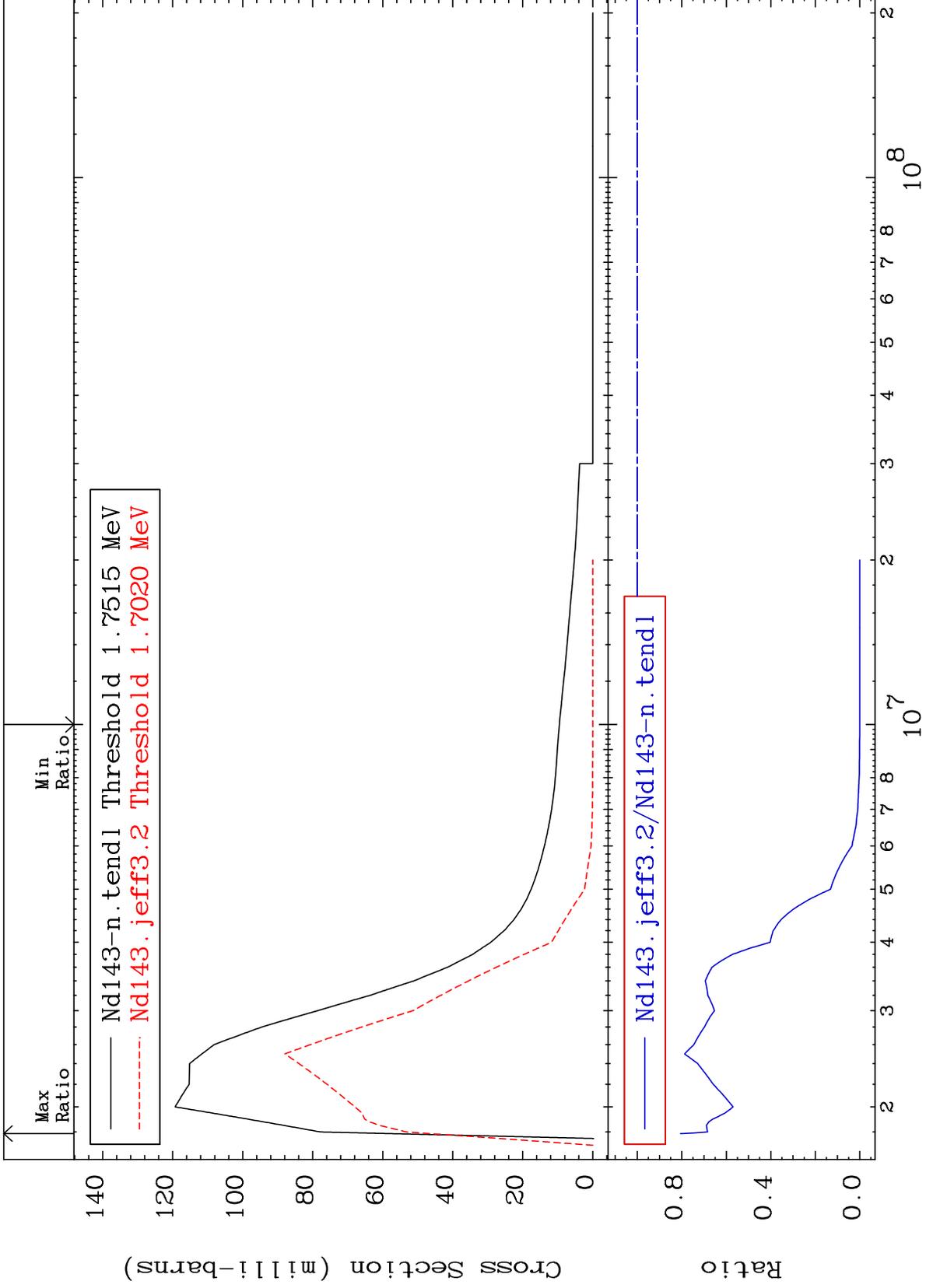
60-Nd-143  
-100.0 To -36.28%



MAT 6028

1.739 MeV (n,n') Level  
Cross Section

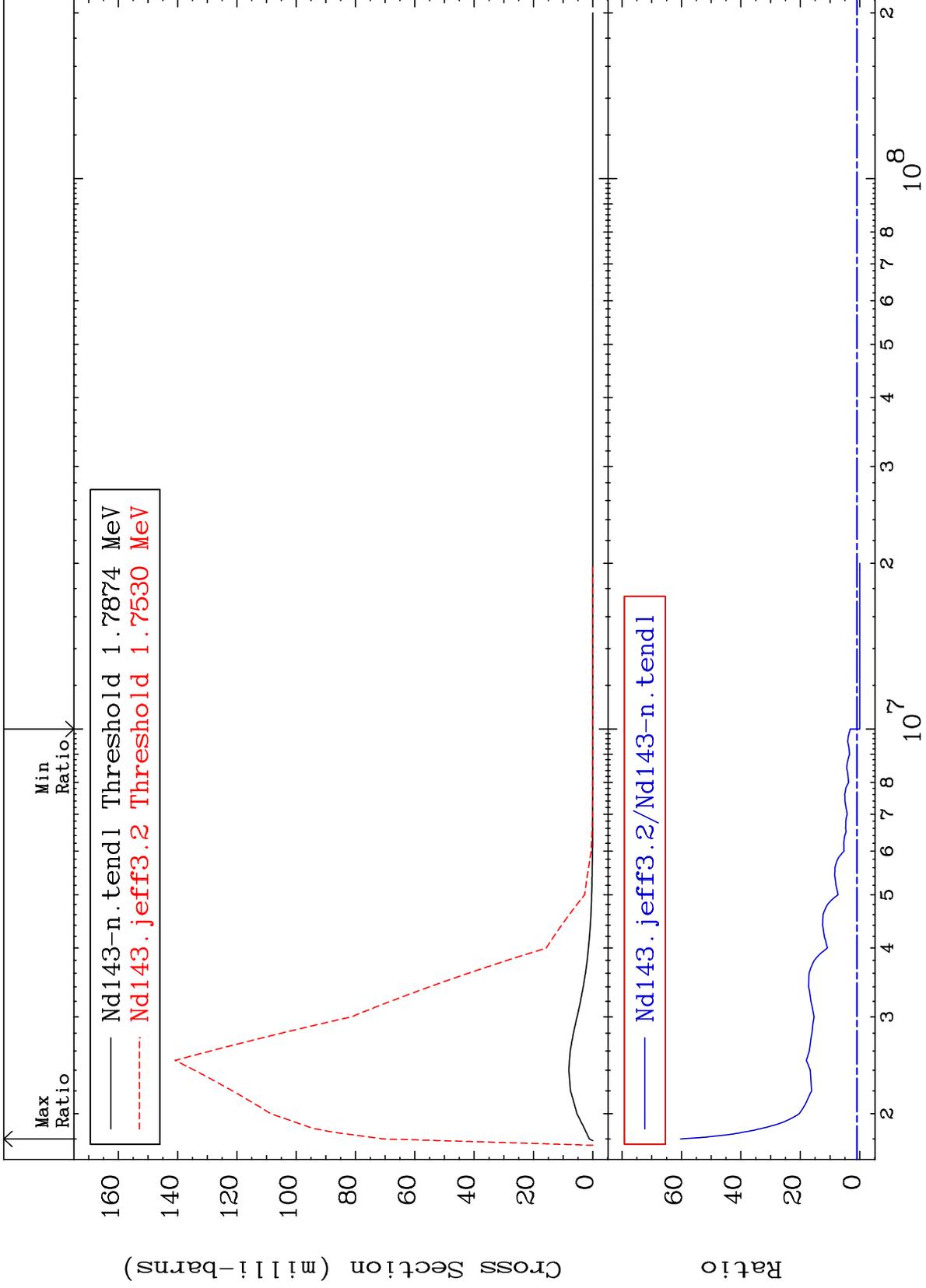
60-Nd-143  
-100.0 To -19.42%



MAT 6028

1.775 MeV (n,n') Level  
Cross Section

60-Nd-143  
-100.0 To 5932. %



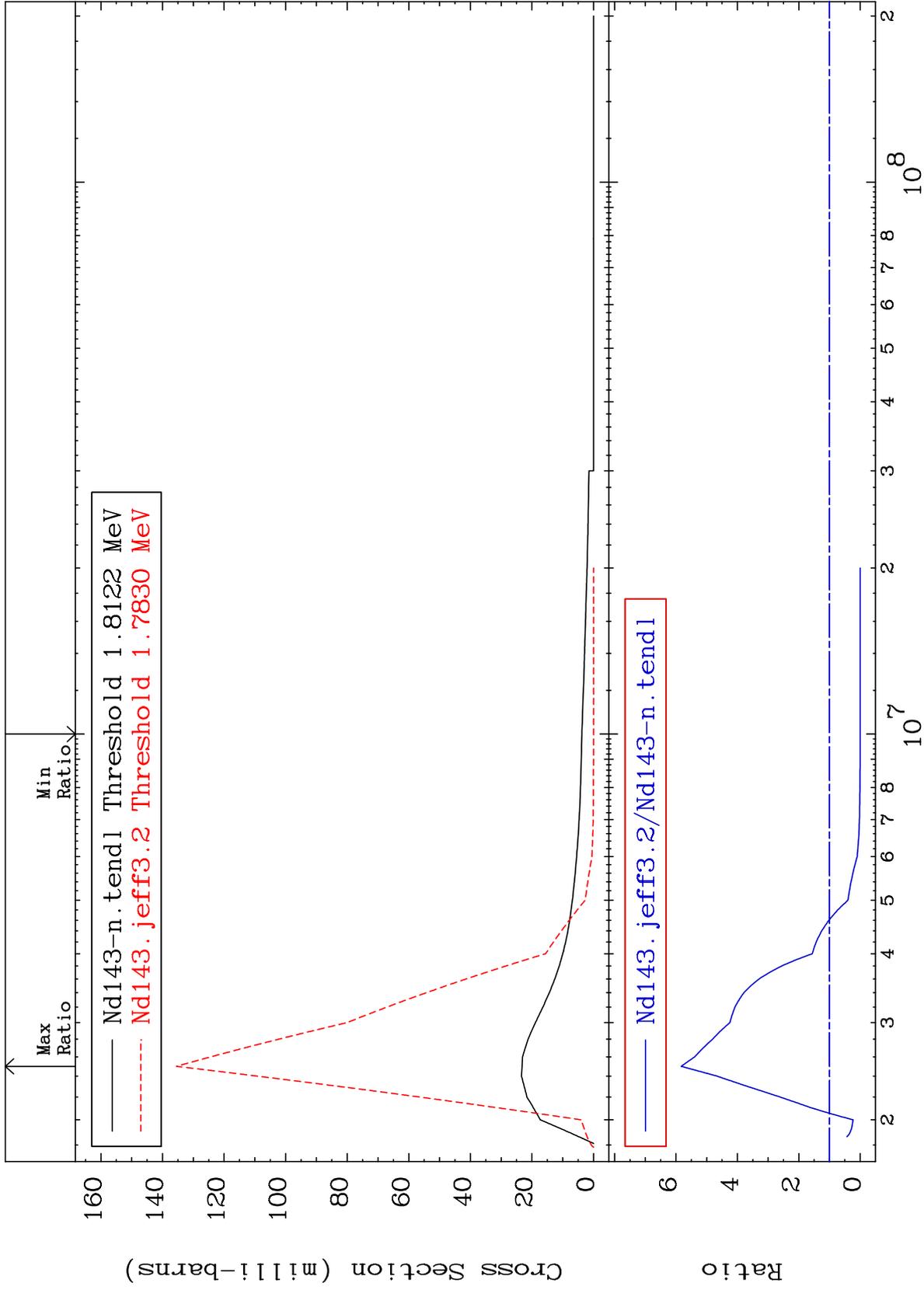
MAT 6028

1.800 MeV (n,n') Level

60-Nd-143

-100.0 To 483.2 %

Cross Section



18

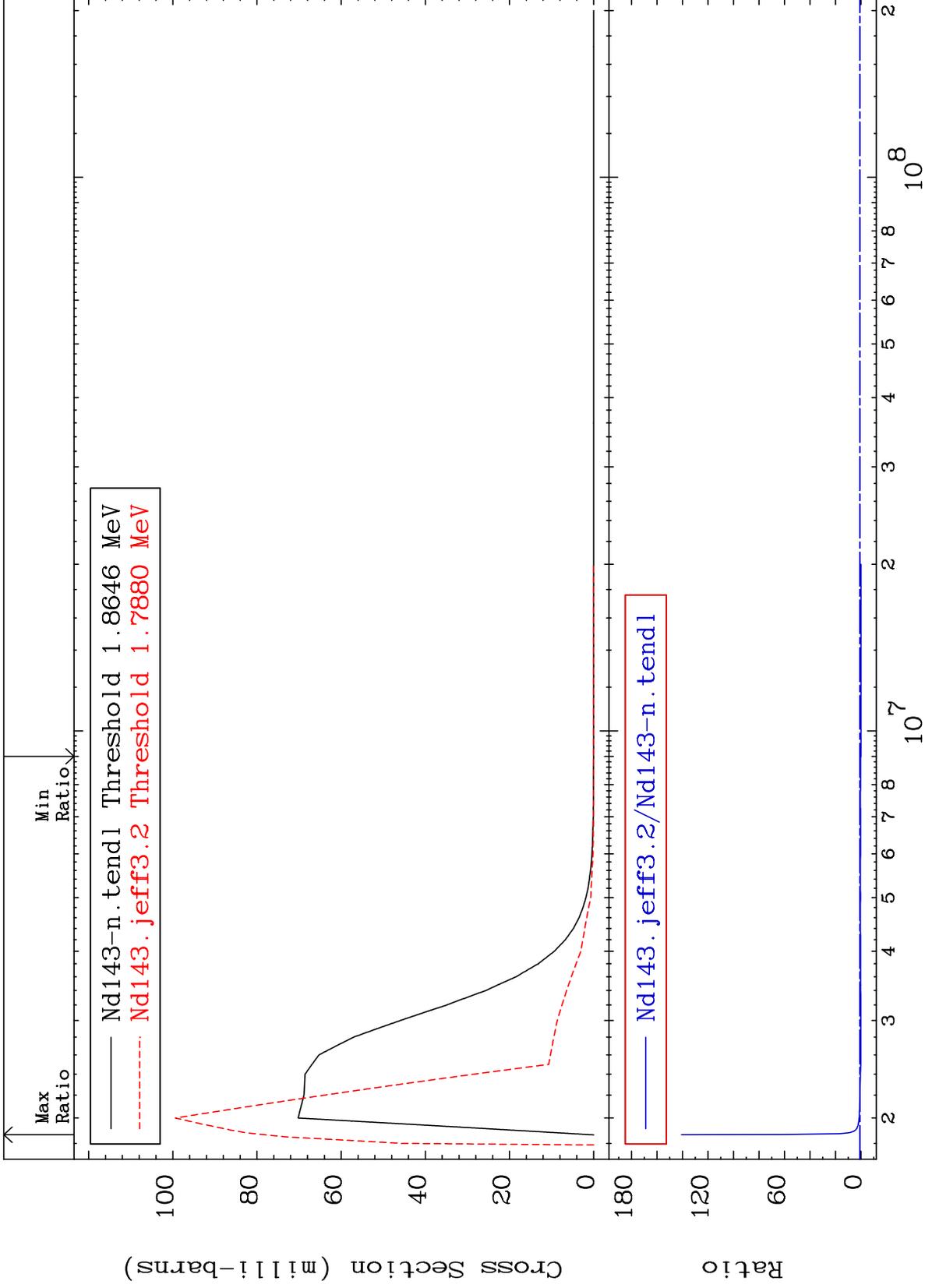
Incident Energy (eV)

60-Nd-143

MAT 6028

1.852 MeV (n,n') Level  
Cross Section

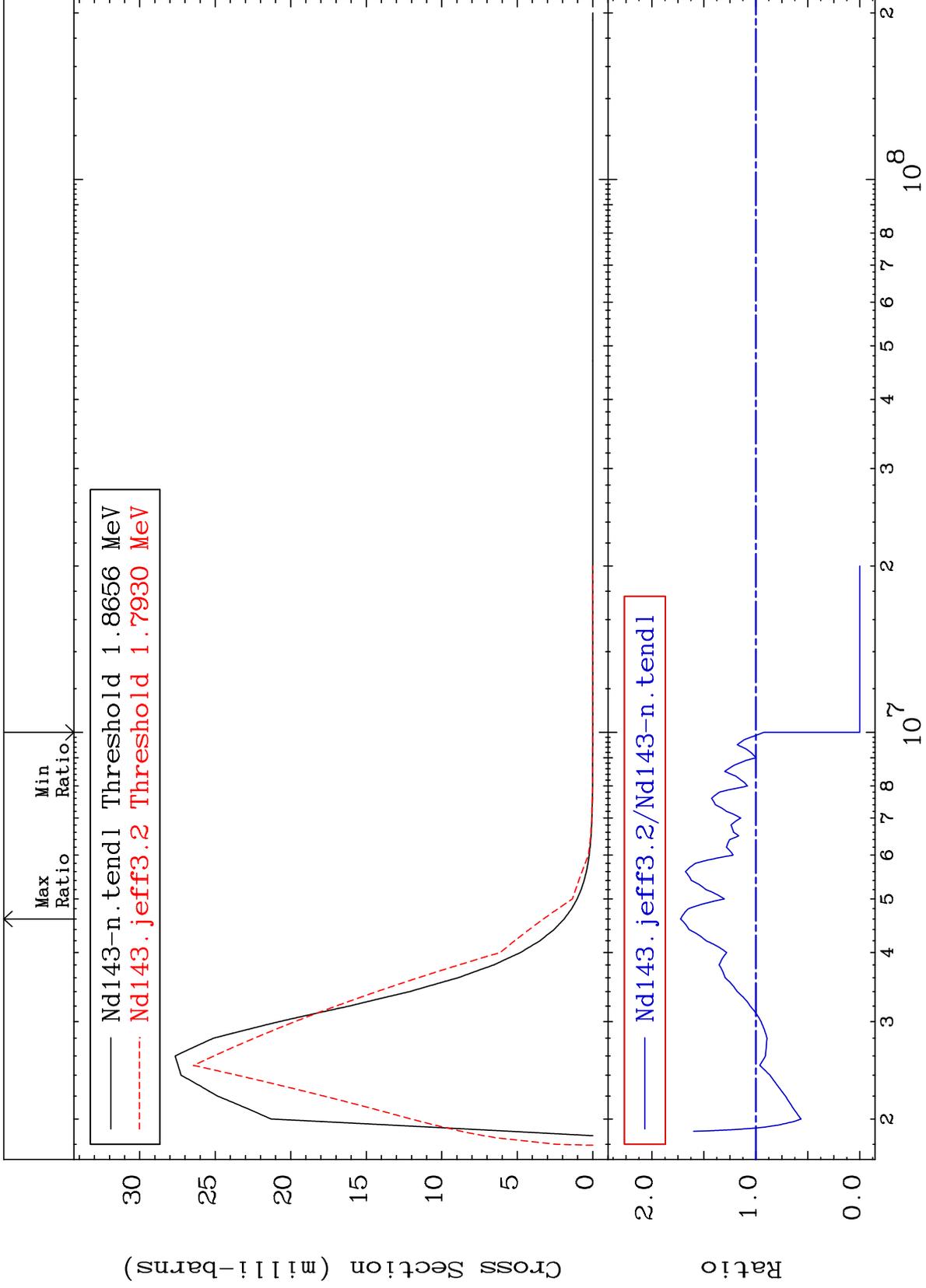
60-Nd-143  
-100.0 To 9999. %



MAT 6028

1.853 MeV (n,n') Level  
Cross Section

60-Nd-143  
-100.0 To 72.51 %



20

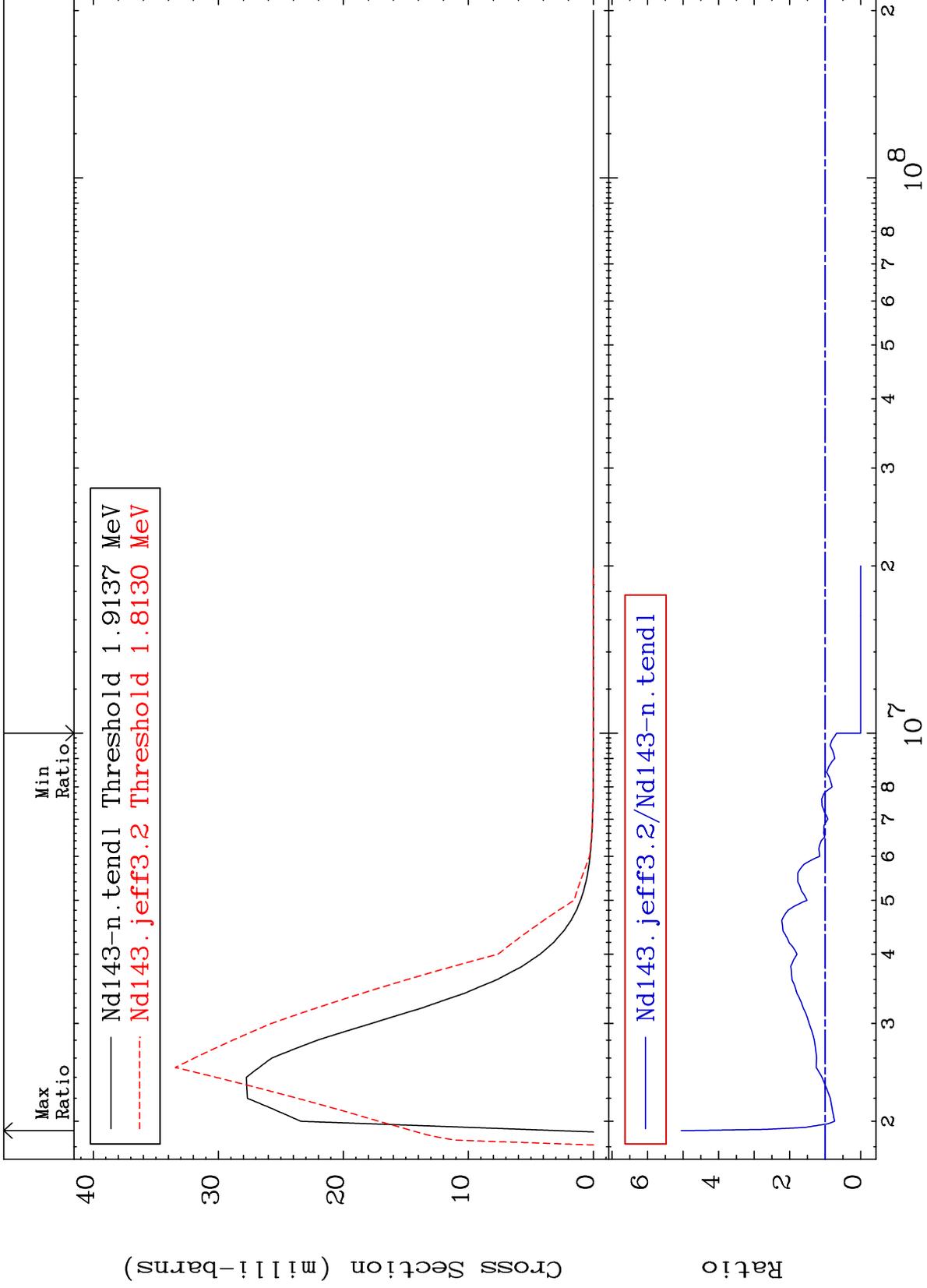
Incident Energy (eV)

60-Nd-143

MAT 6028

1.900 MeV (n,n') Level  
Cross Section

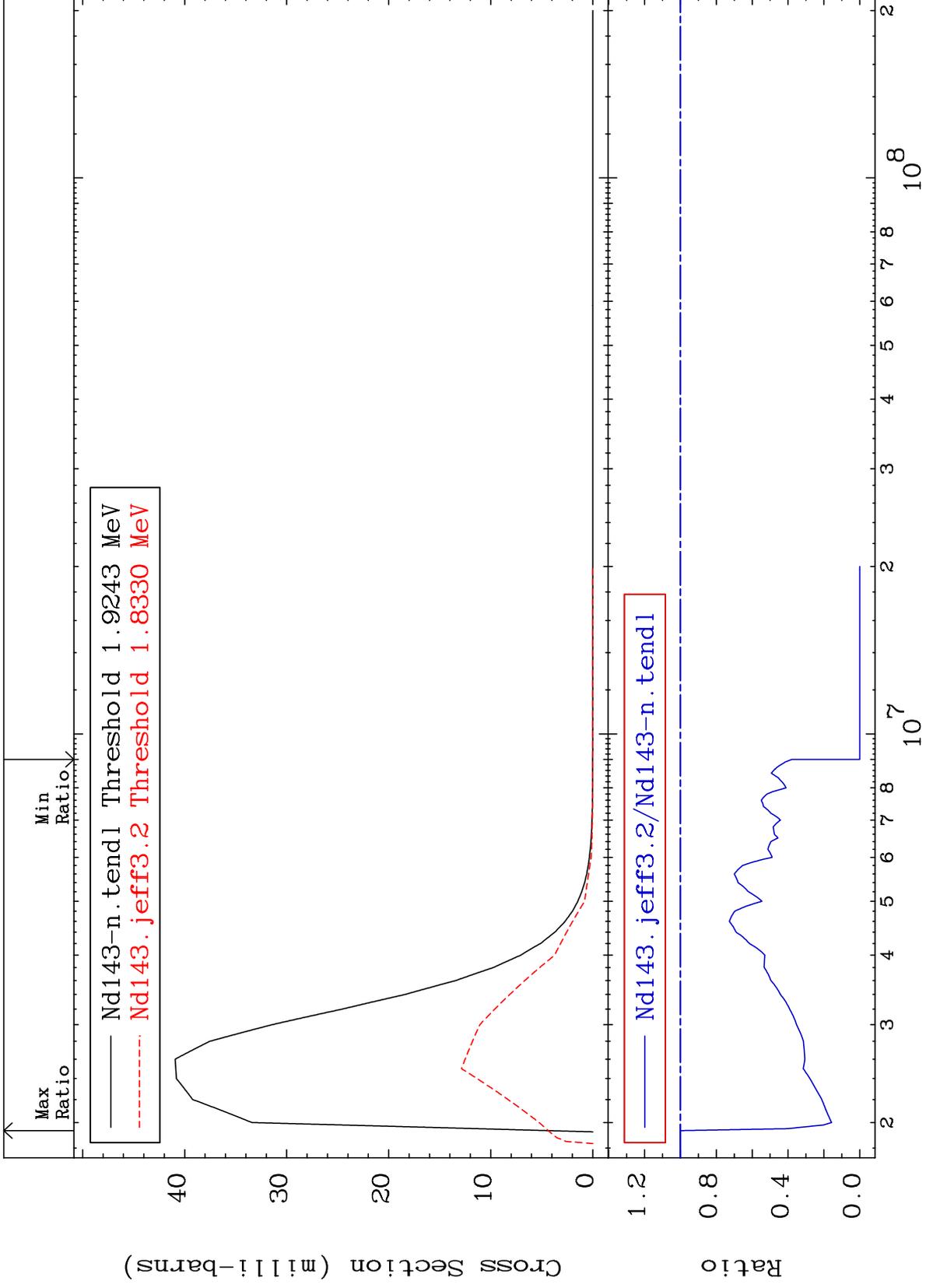
60-Nd-143  
-100.0 To 405.1 %



MAT 6028

1.911 MeV (n,n') Level  
Cross Section

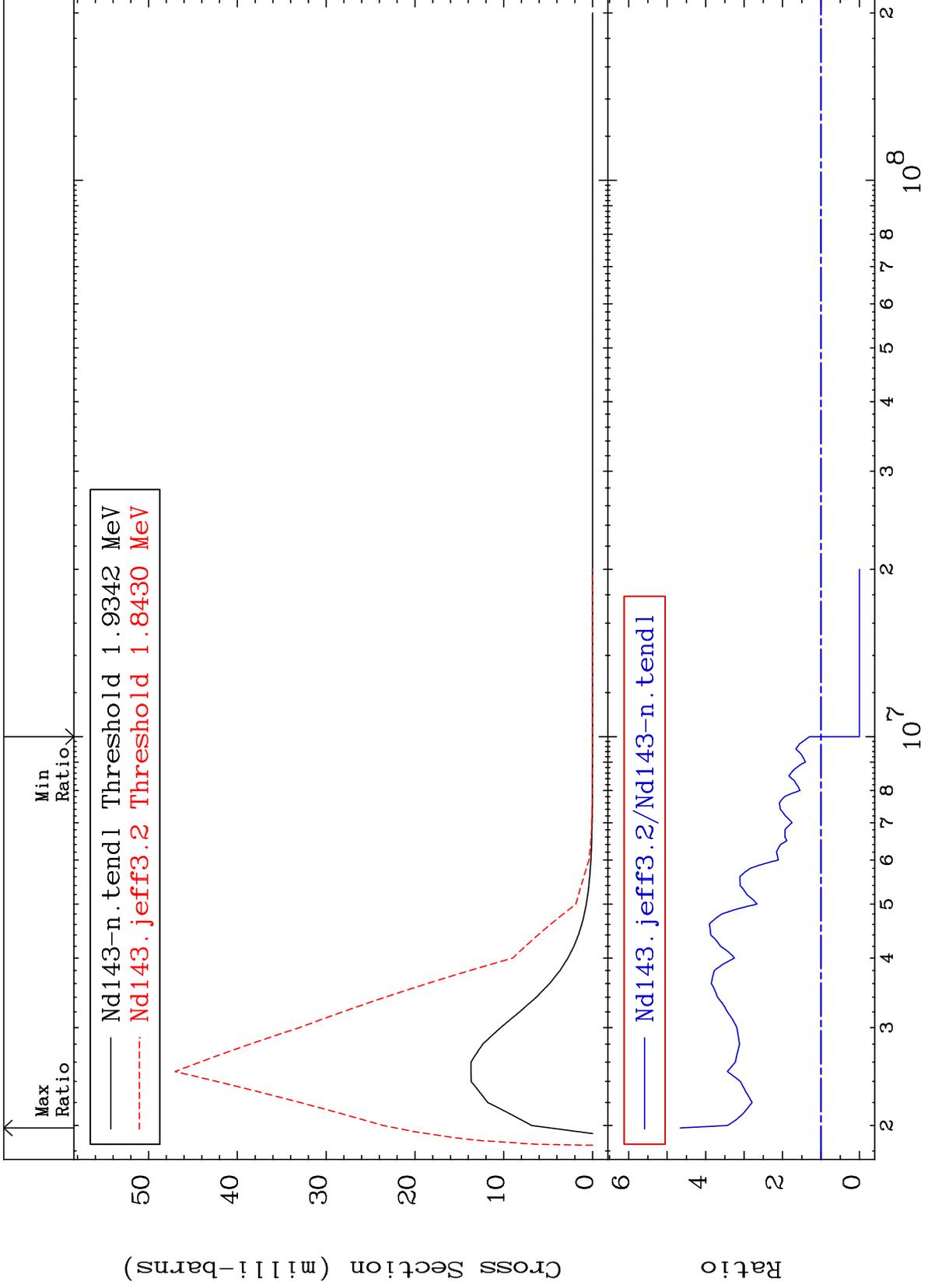
60-Nd-143  
-100.0 To -0.039%



MAT 6028

1.921 MeV (n,n') Level  
Cross Section

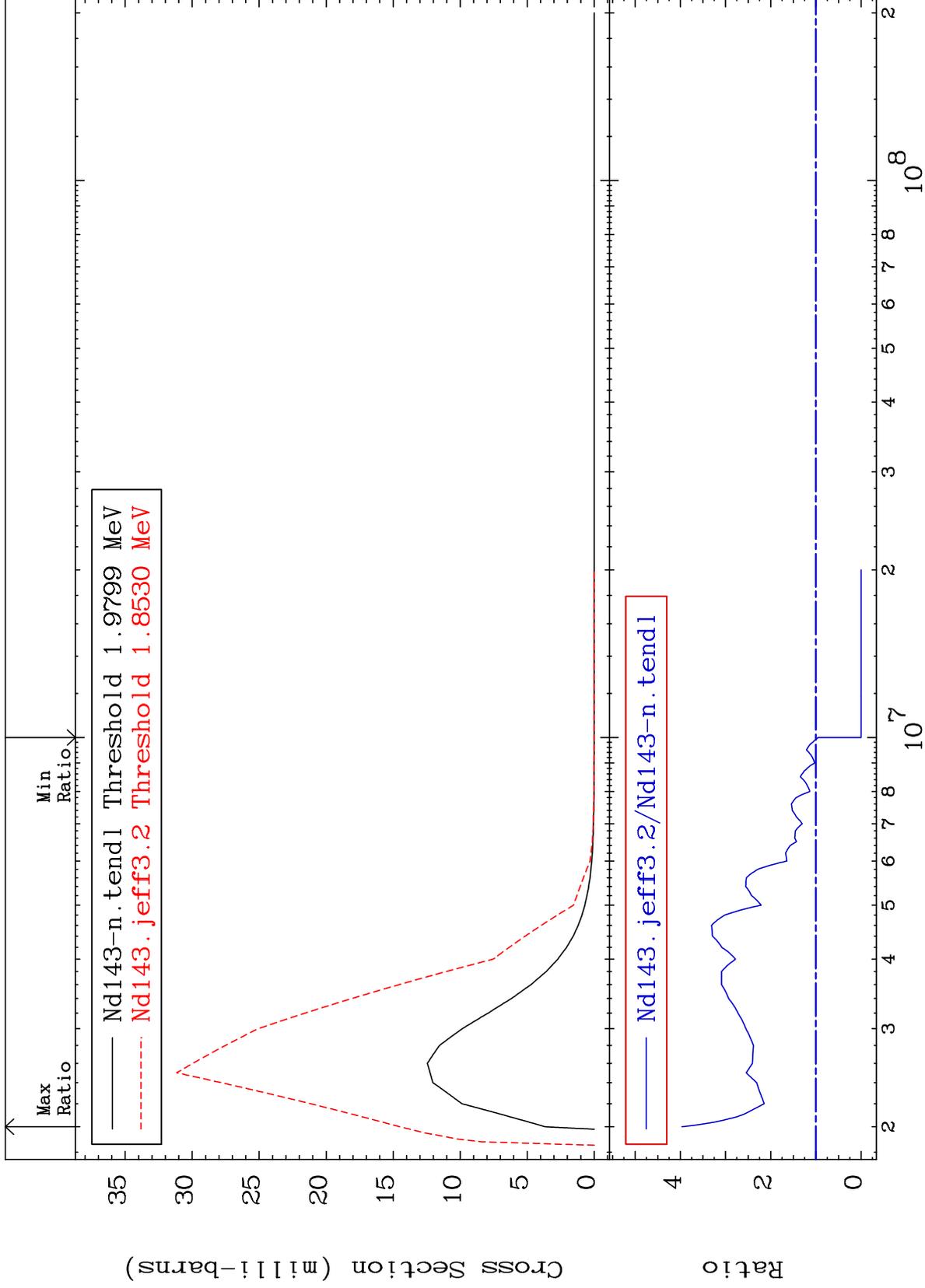
60-Nd-143  
-100.0 To 365.9 %



MAT 6028

1.966 MeV (n,n') Level  
Cross Section

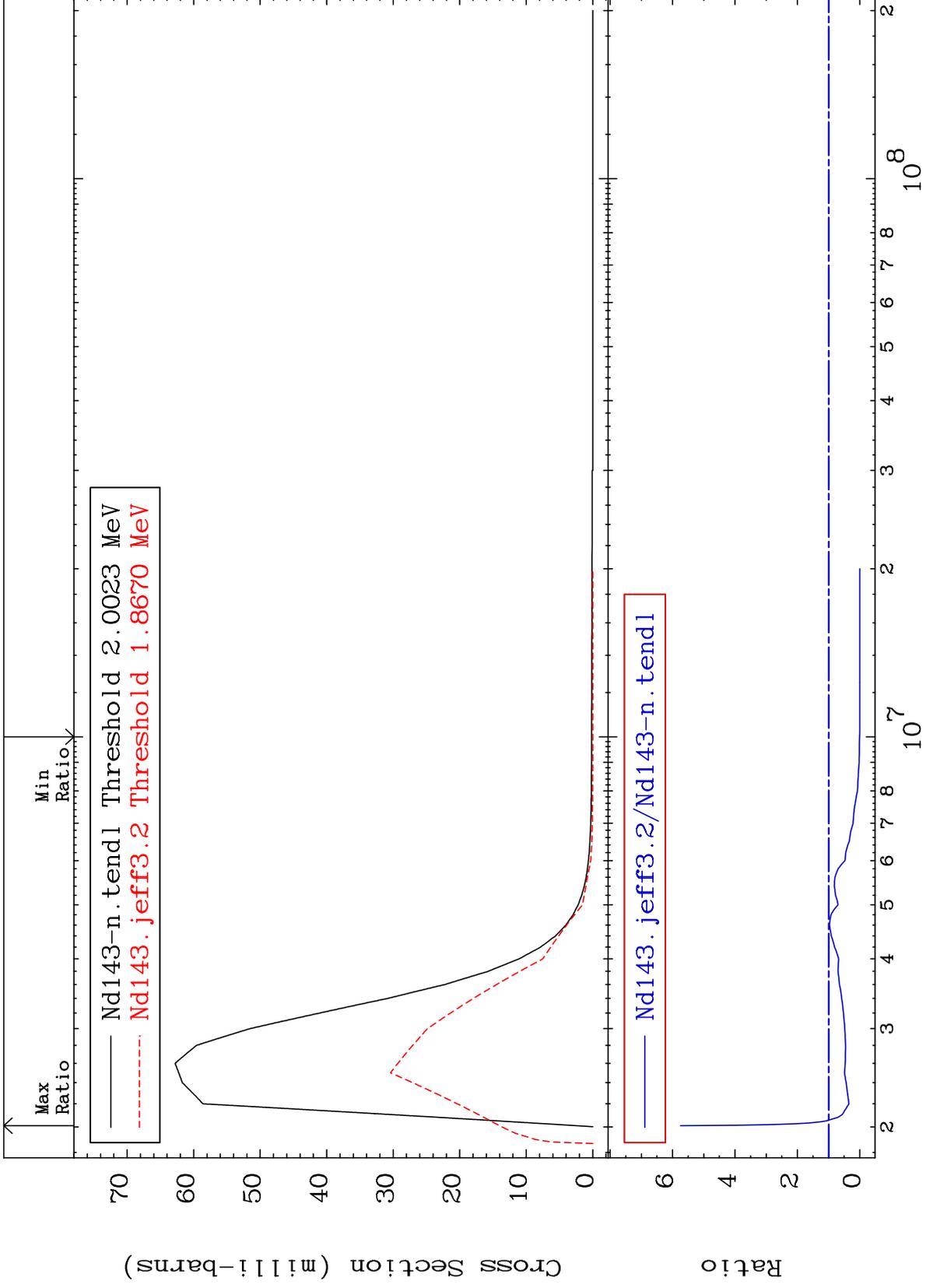
60-Nd-143  
-100.0 To 296.6 %



MAT 6028

1.988 MeV (n,n') Level  
Cross Section

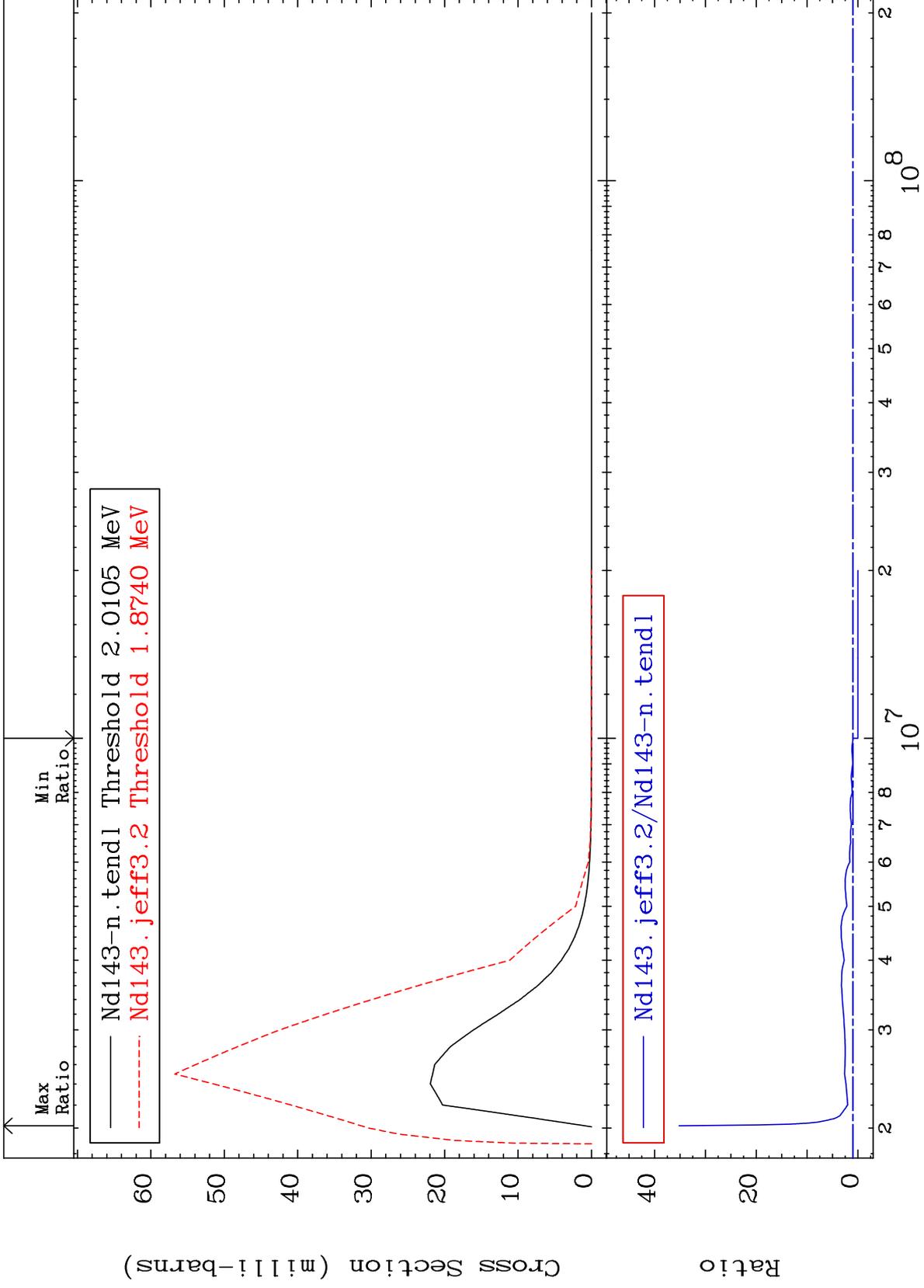
60-Nd-143  
-100.0 To 474.5 %



MAT 6028

1.996 MeV (n,n') Level  
Cross Section

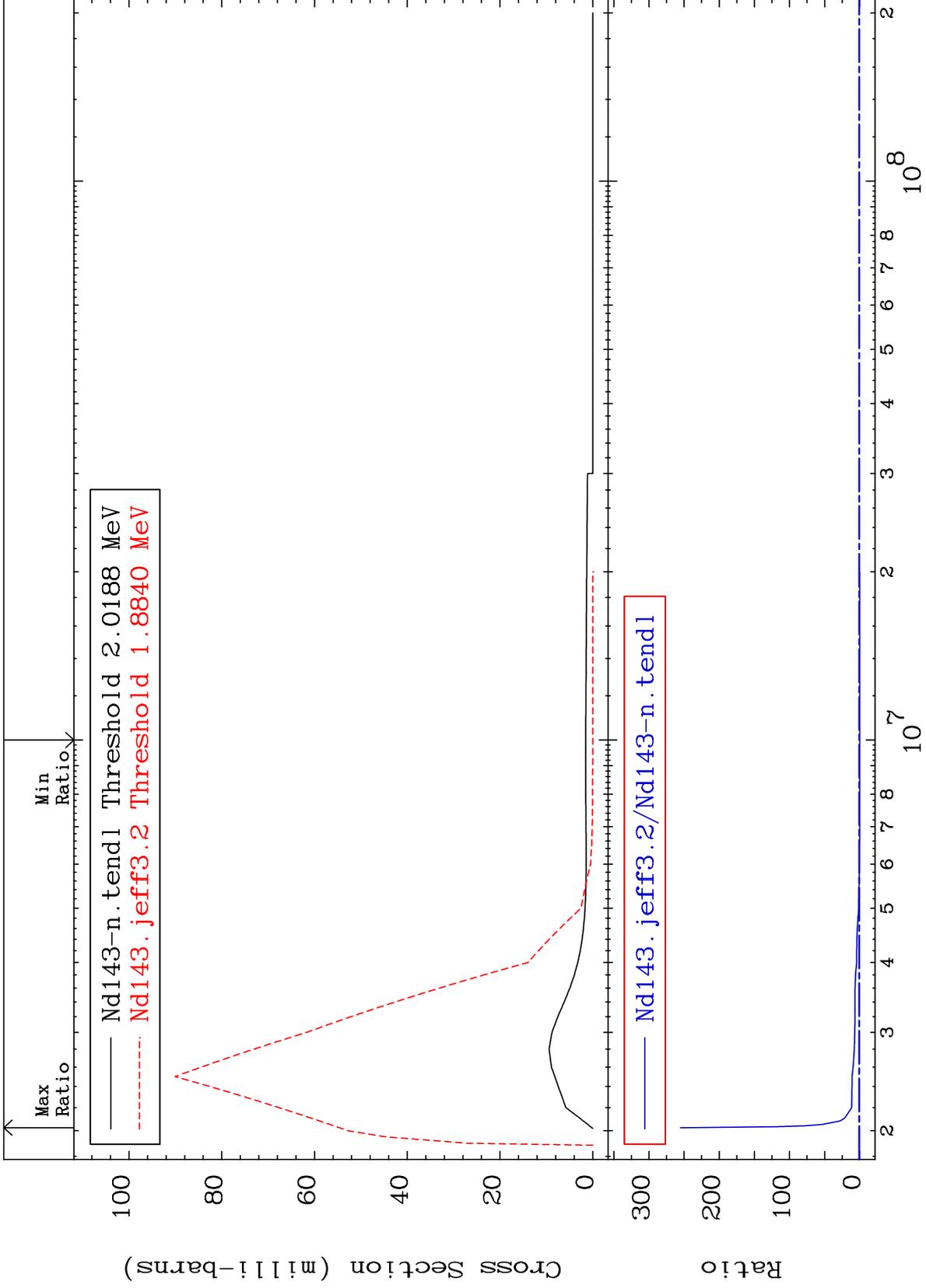
60-Nd-143  
-100.0 To 3418. %

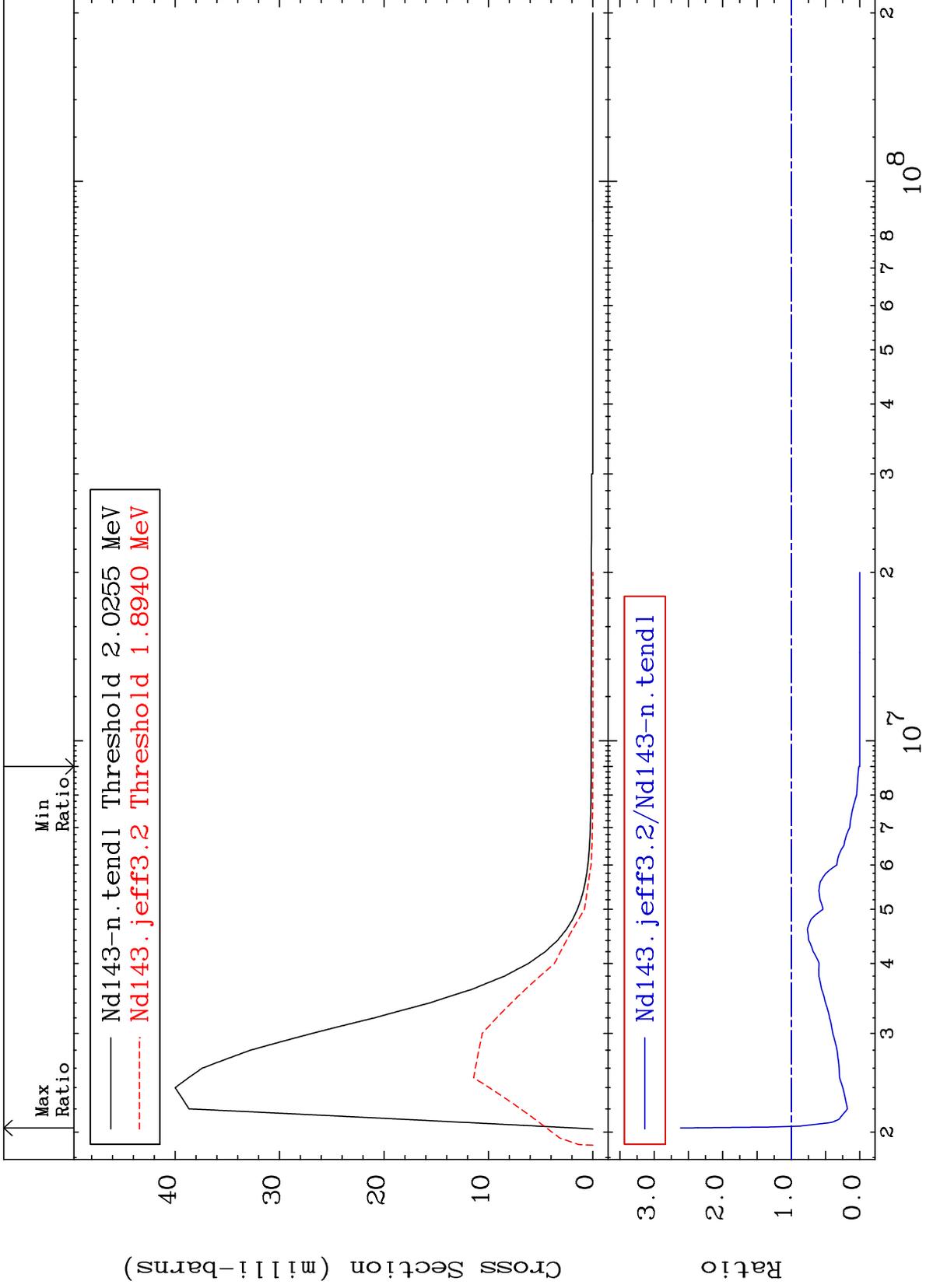


MAT 6028

2.005 MeV (n,n') Level  
Cross Section

60-Nd-143  
-100.0 To 9999. %

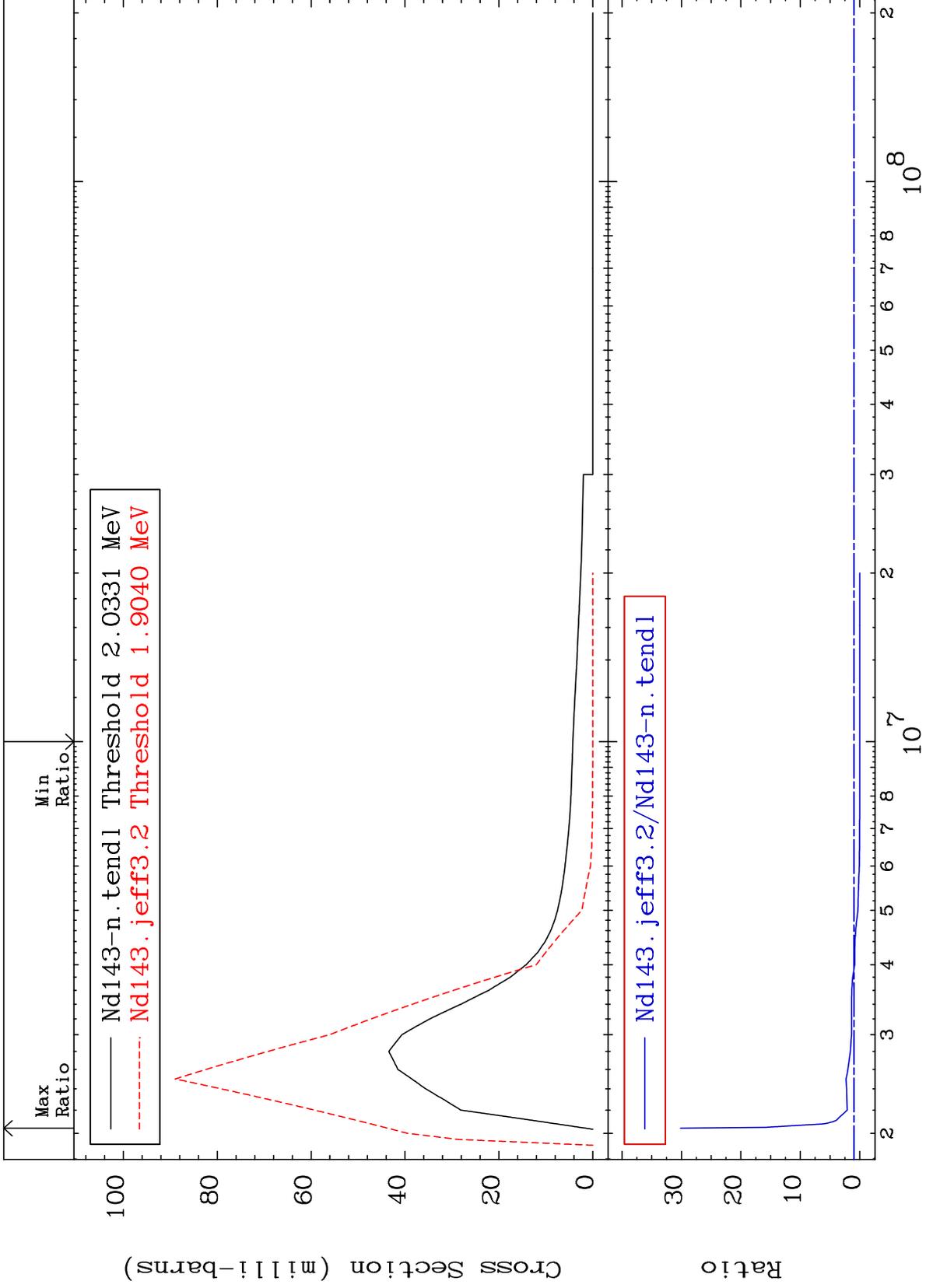




MAT 6028

2.019 MeV (n,n') Level  
Cross Section

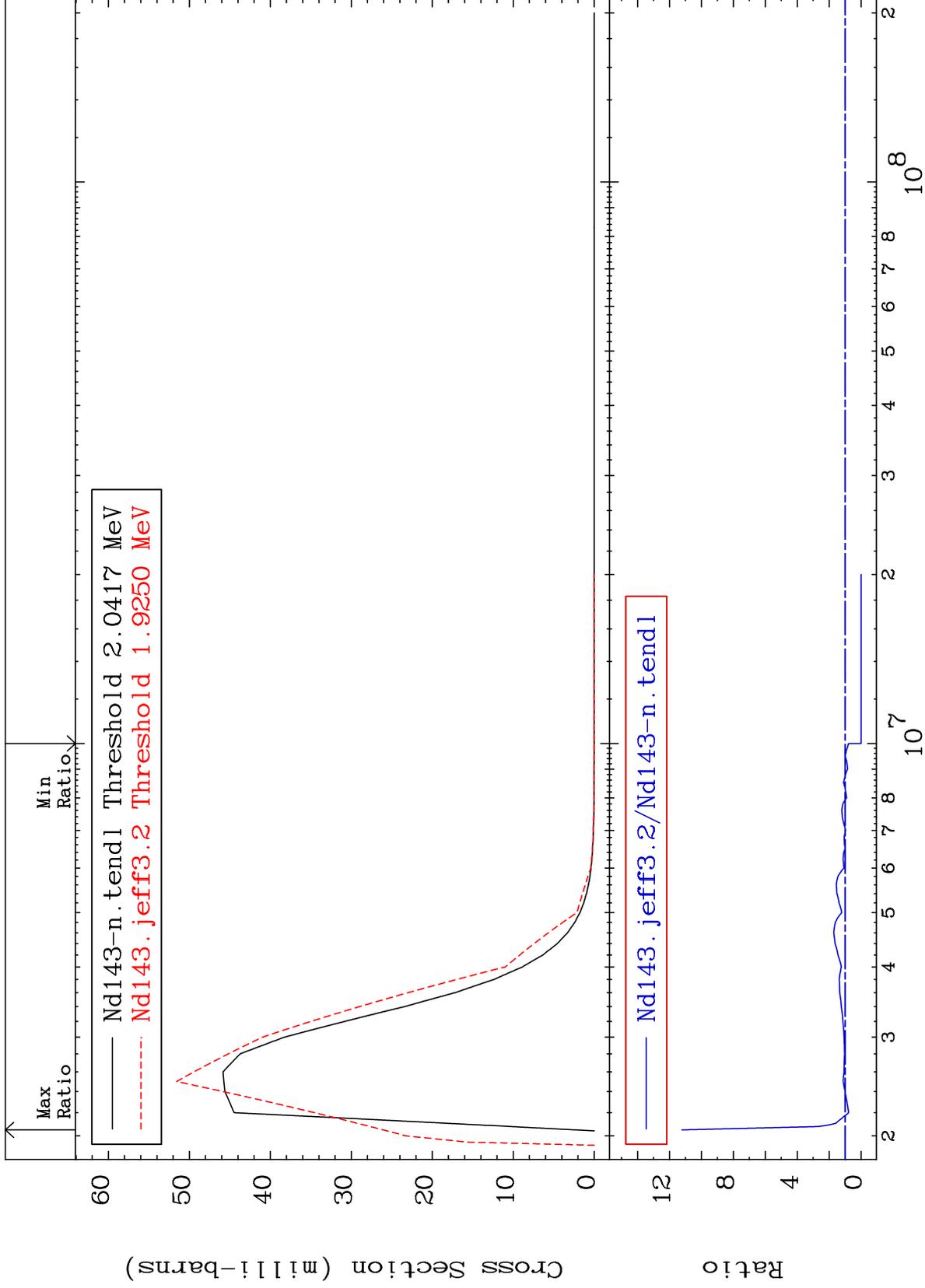
60-Nd-143  
-100.0 To 2915. %



MAT 6028

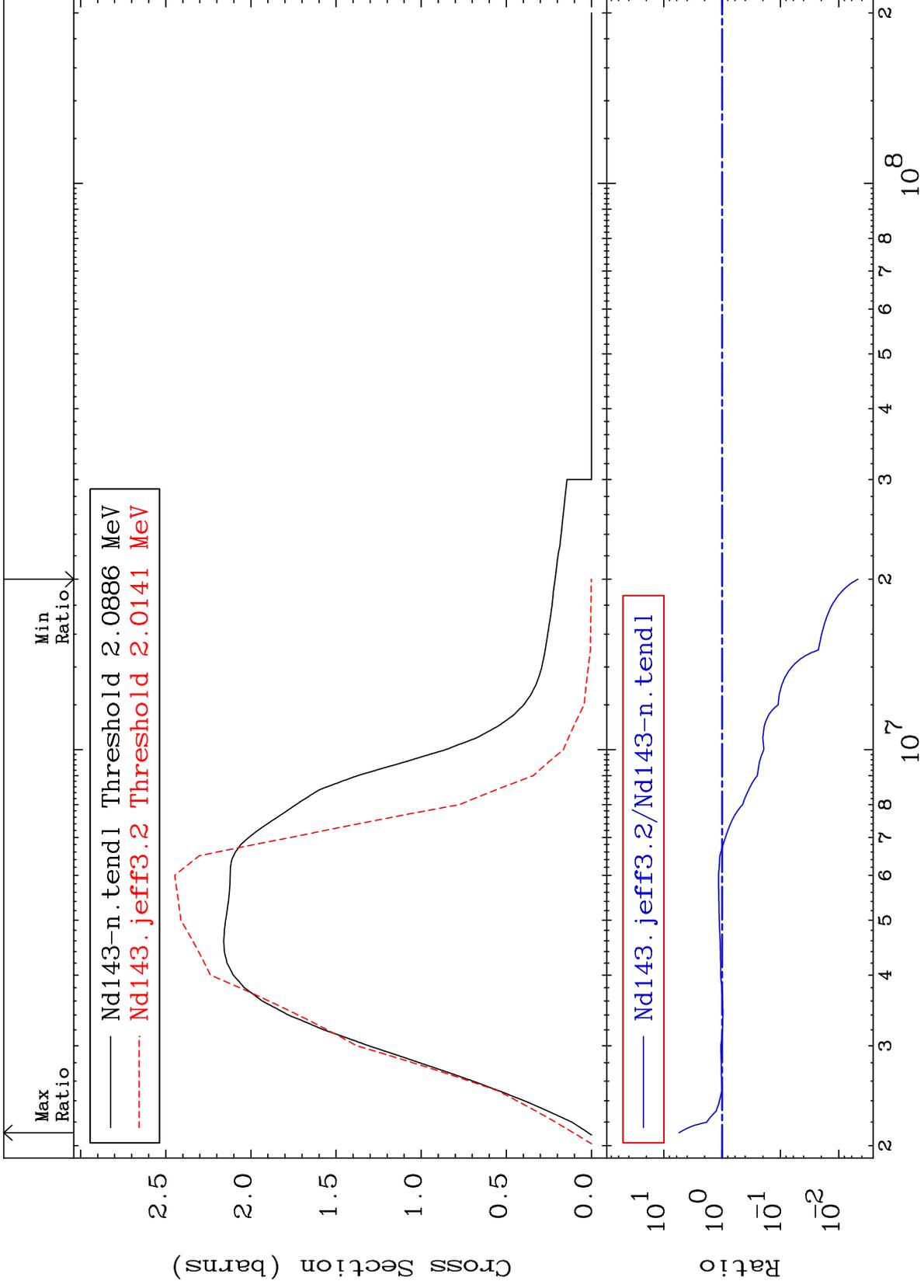
2.027 MeV (n,n') Level  
Cross Section

60-Nd-143  
-100.0 To 1022. %



30

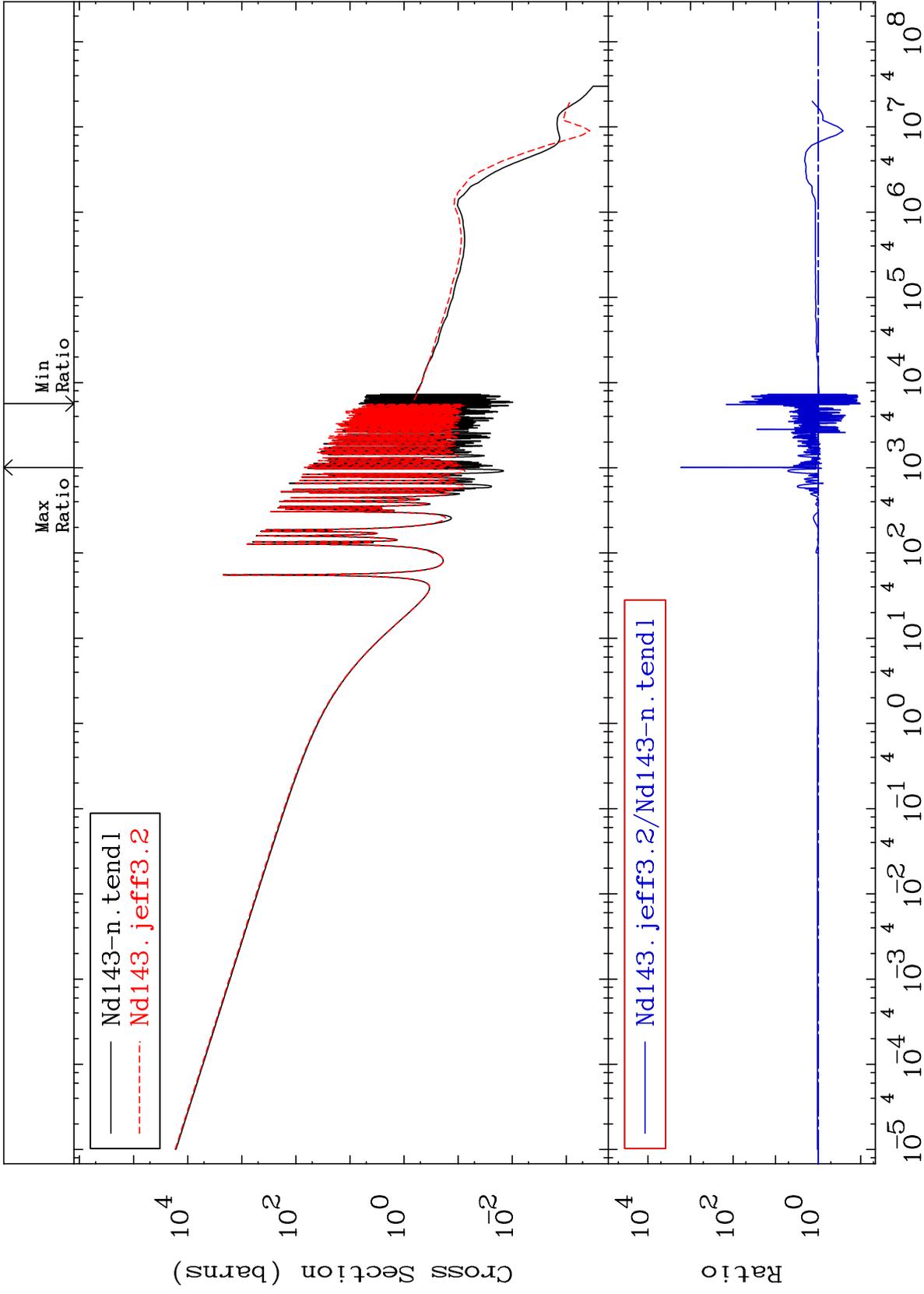
60-Nd-143



MAT 6028

(n,  $\gamma$ )  
Cross Section

60-Nd-143  
-89.70 To 9999. %



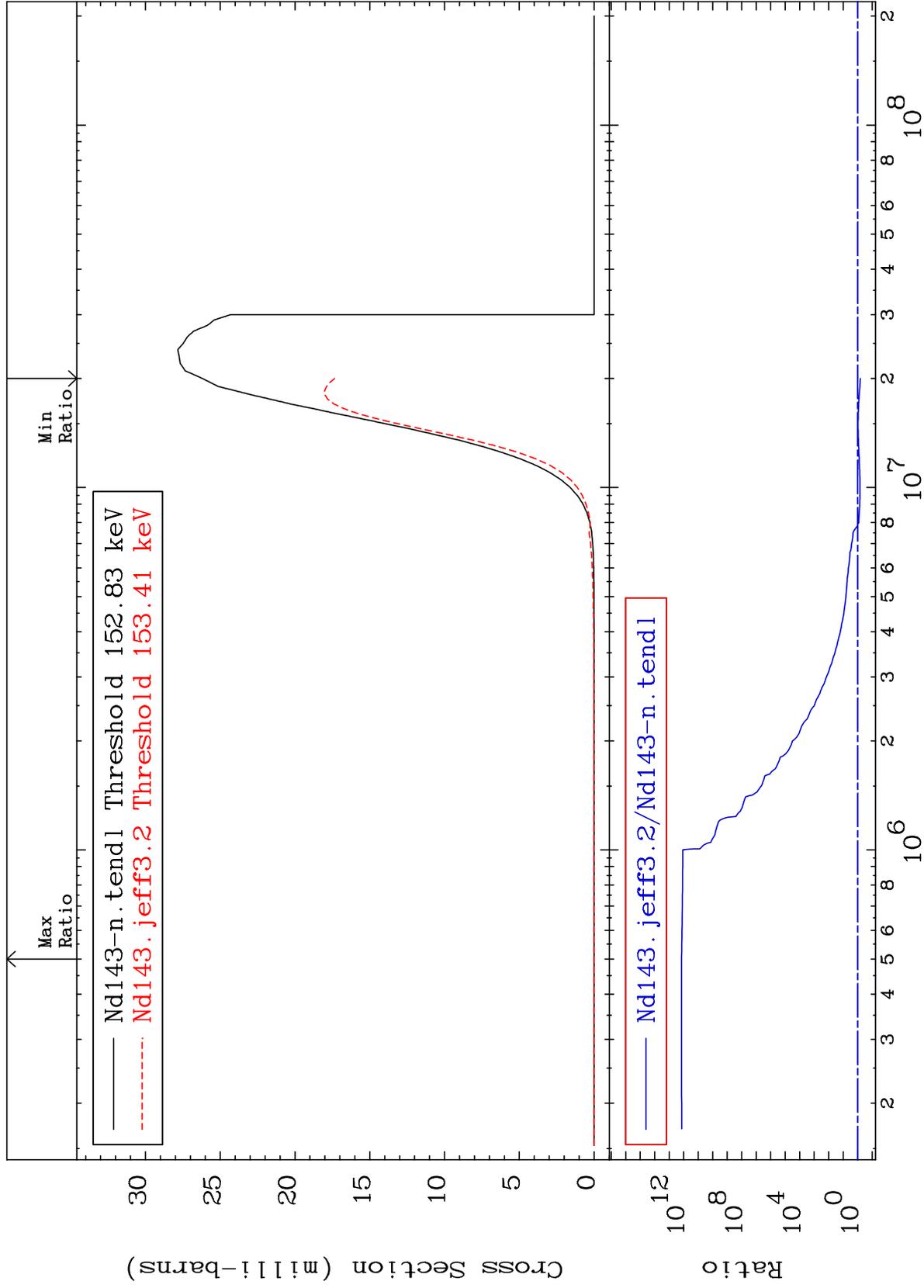
MAT 6028

(n,p)

60-Nd-143

Cross Section

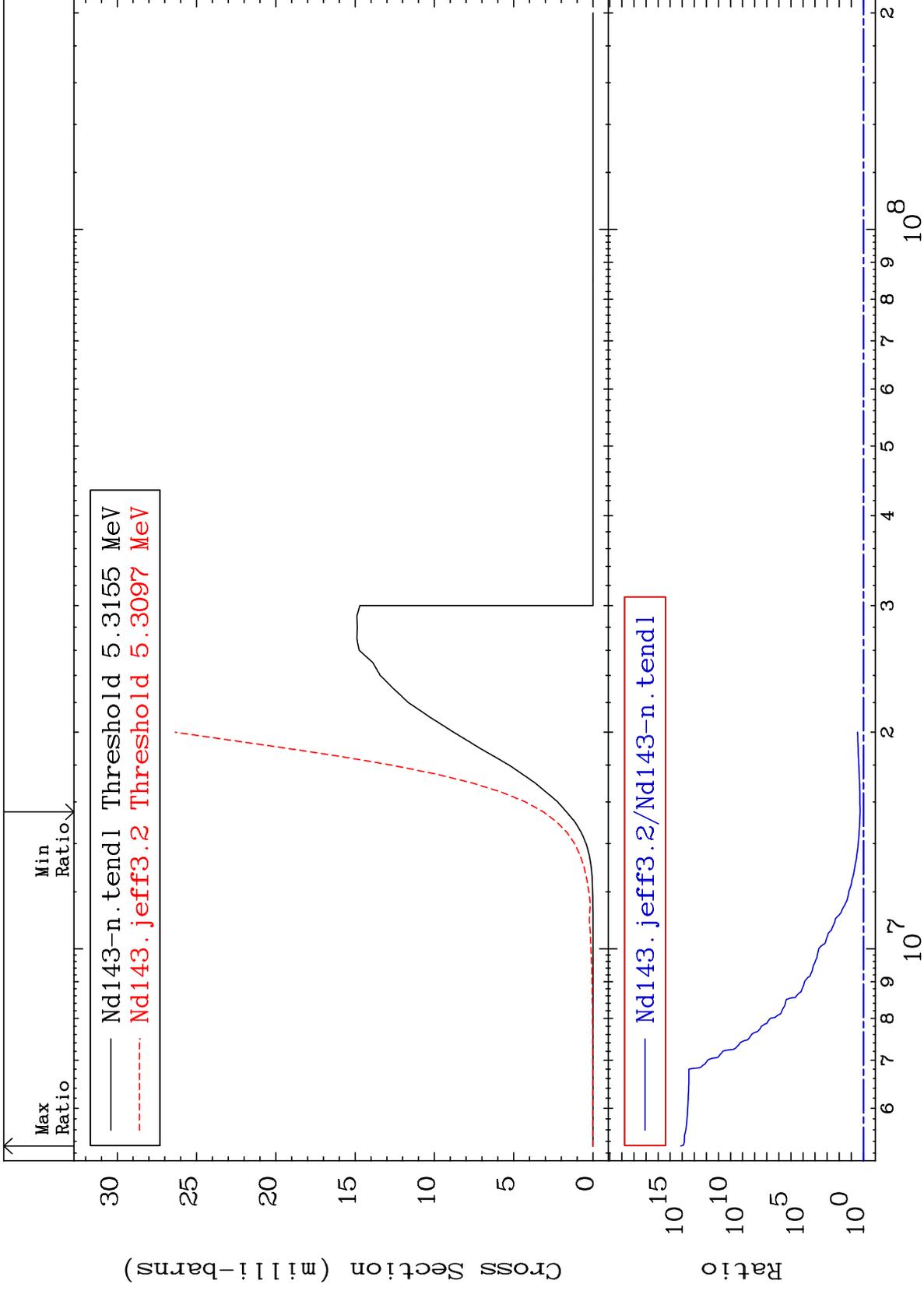
-33.81 To 9999. %



MAT 6028

(n, d)  
Cross Section

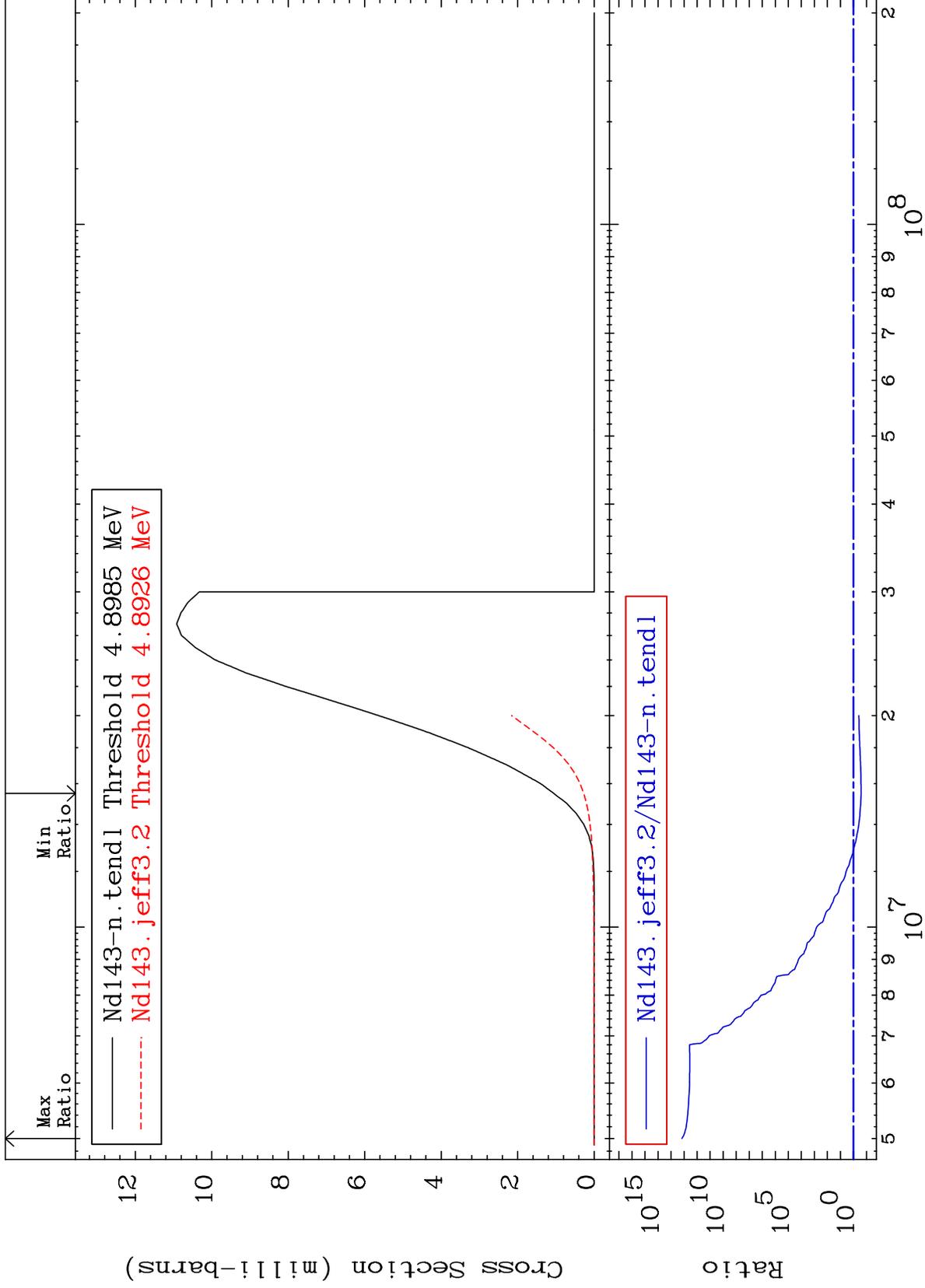
60-Nd-143  
86.74 To 9999. %



MAT 6028

(n, t)  
Cross Section

60-Nd-143  
-74.26 To 9999. %



35

Incident Energy (eV)

60-Nd-143

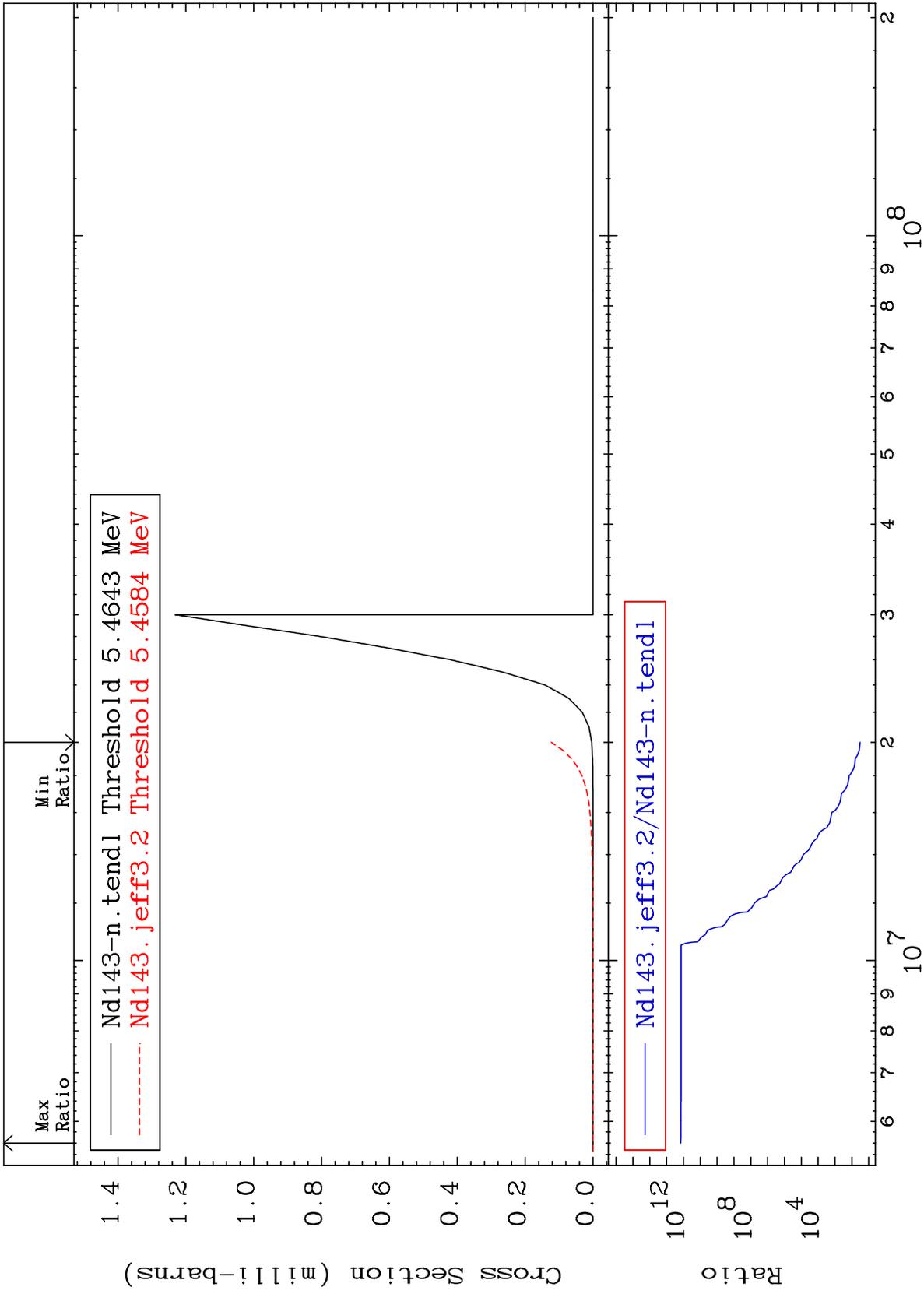
MAT 6028

(n, He-3)

60-Nd-143

Cross Section

3160. To 9999. %



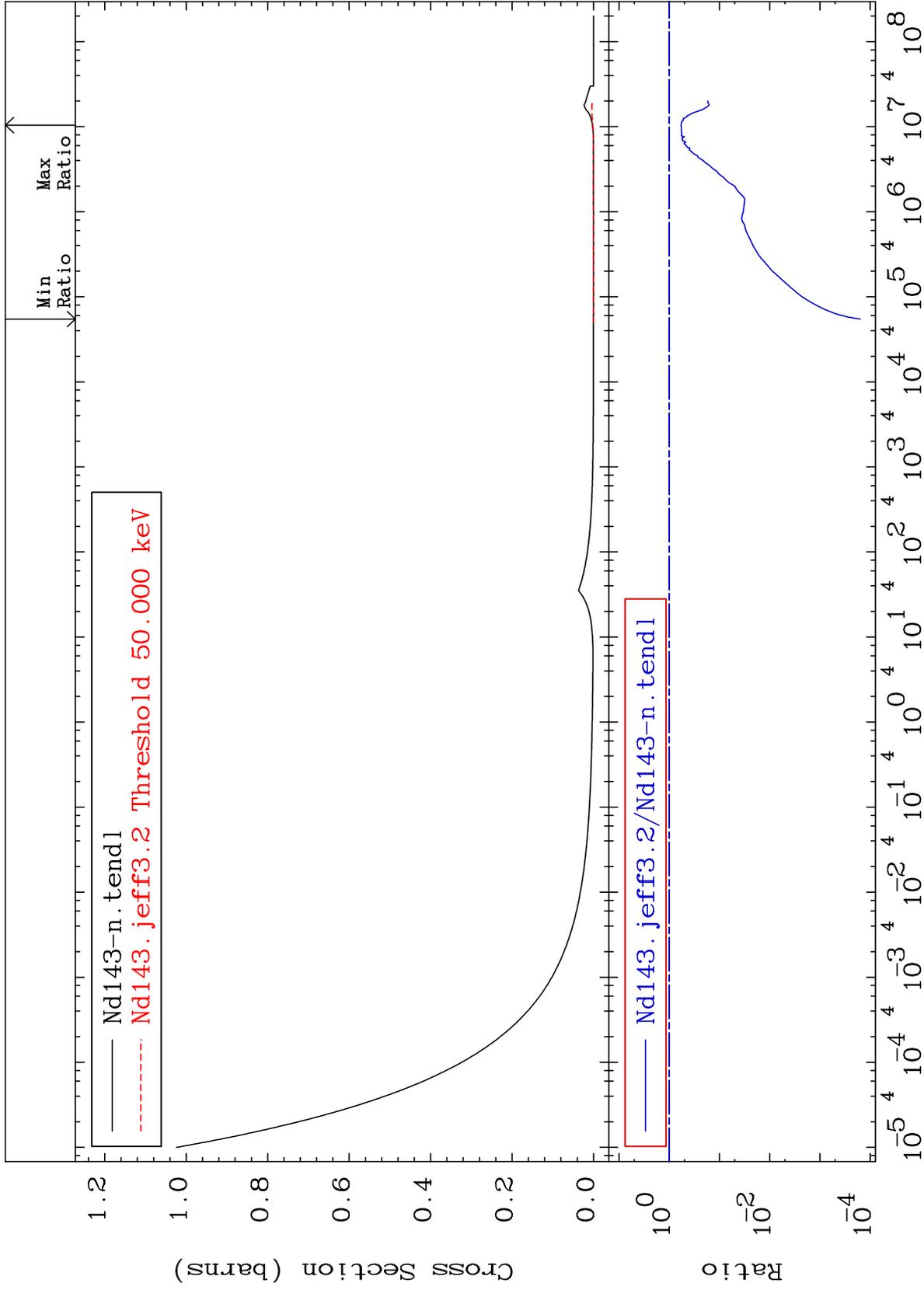
MAT 6028

(n,  $\alpha$ )

60-Nd-143

Cross Section

-99.98 To -42.05%



37

Incident Energy (eV)

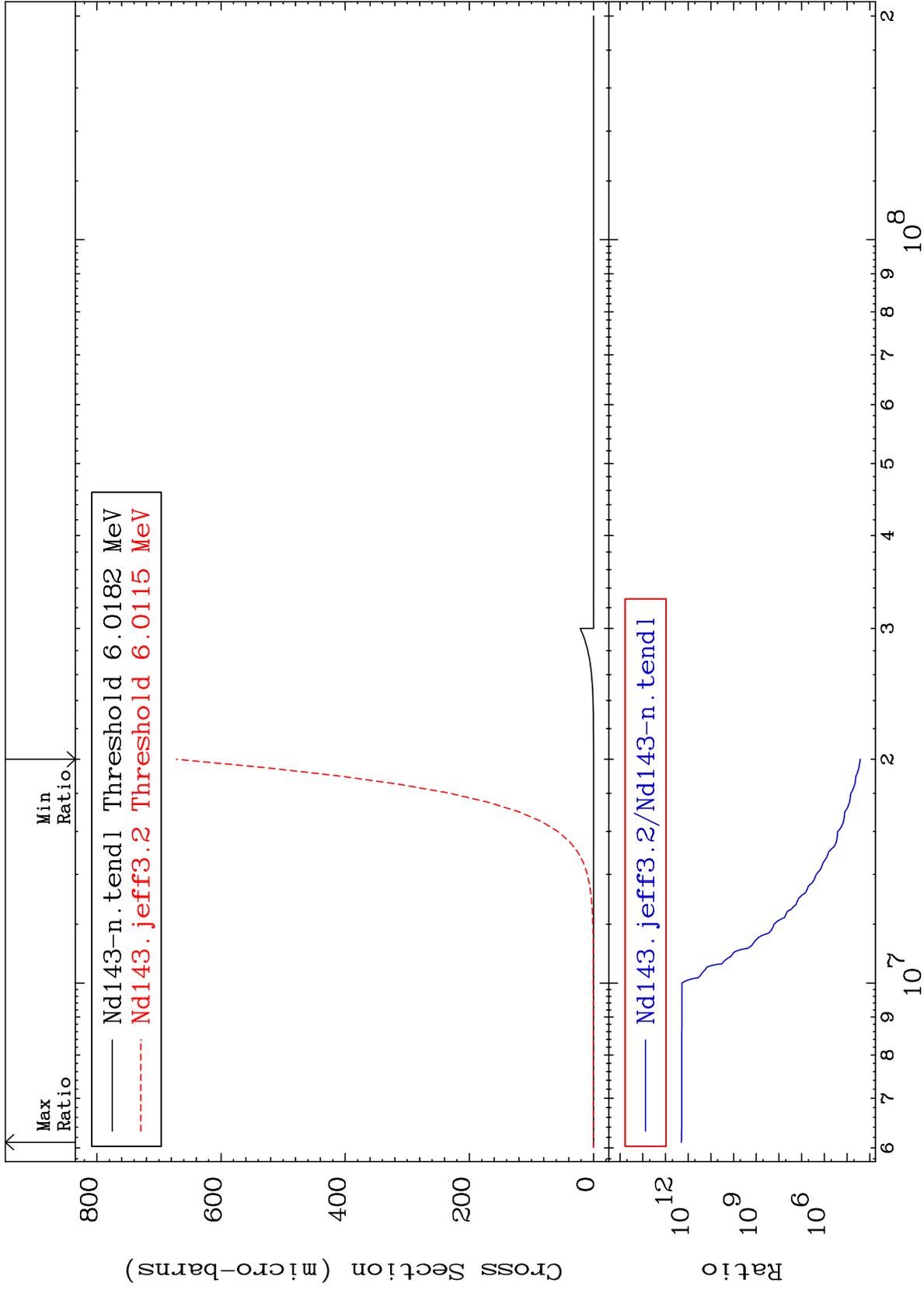
60-Nd-143

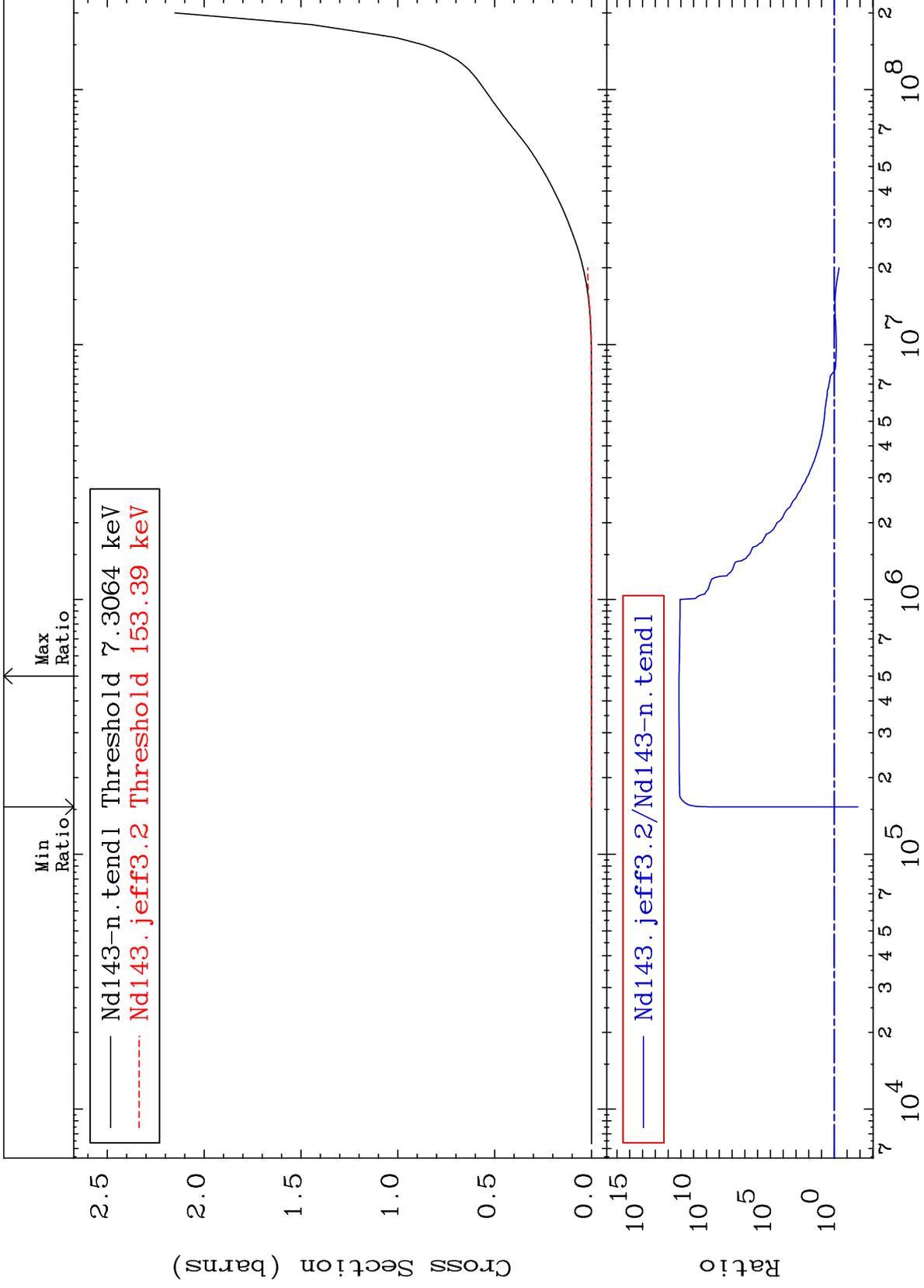
MAT 6028

60-Nd-143

(n,2p)  
Cross Section

9999. To 9999. %

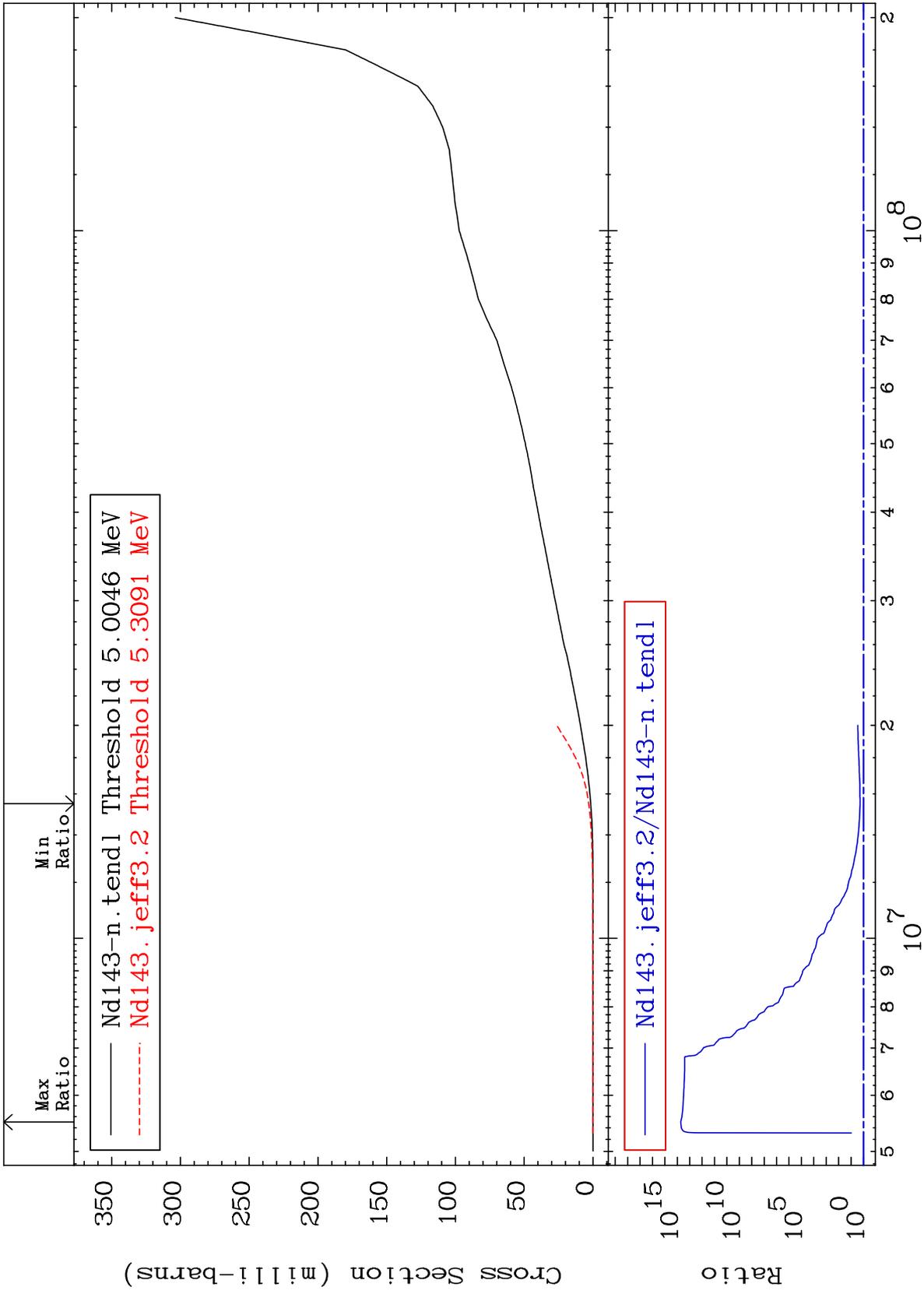




MAT 6028

Deuterium Production  
Cross Section

60-Nd-143  
86.73 To 9999. %



40

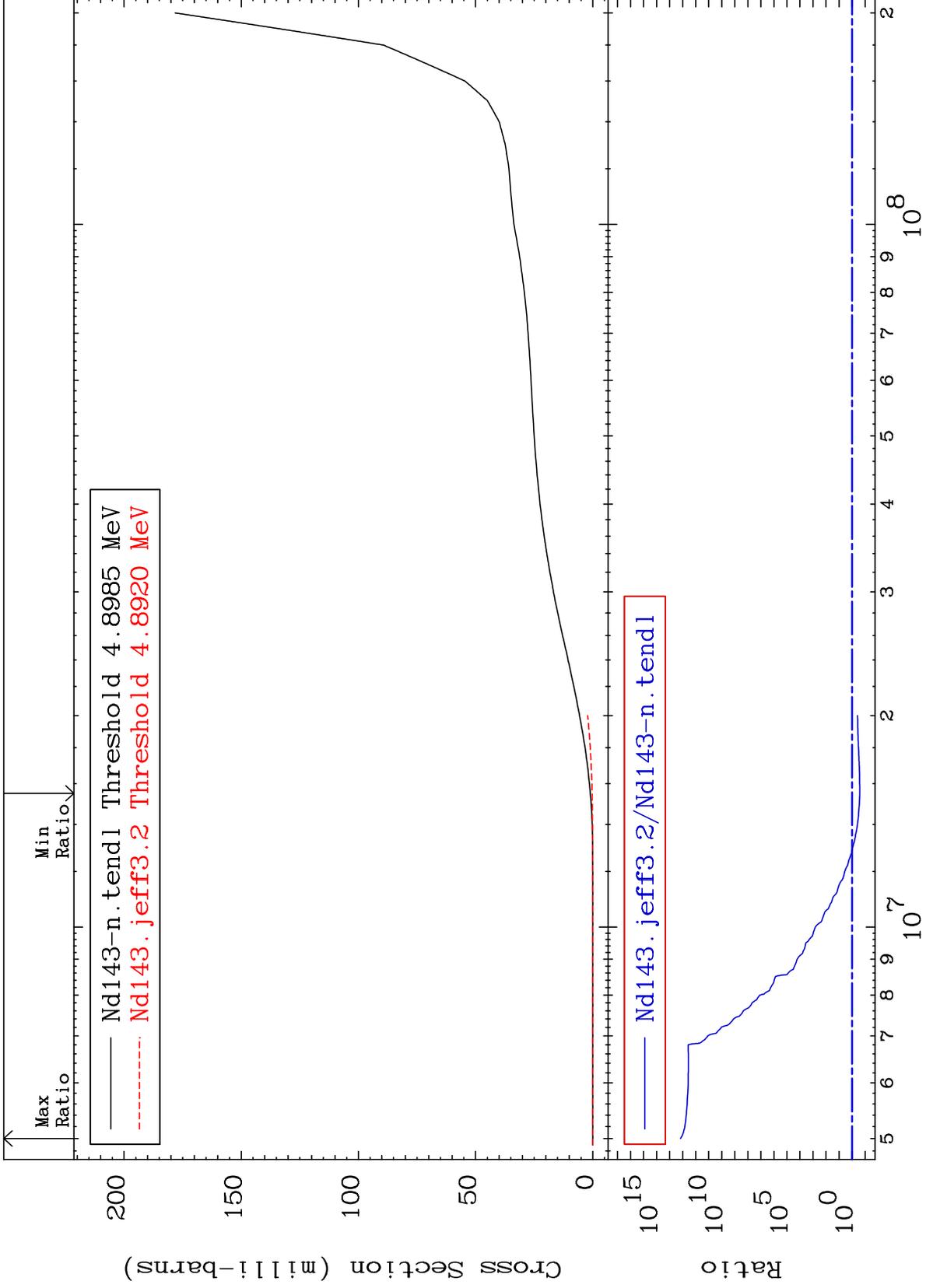
Incident Energy (eV)

60-Nd-143

MAT 6028

Tritium Production  
Cross Section

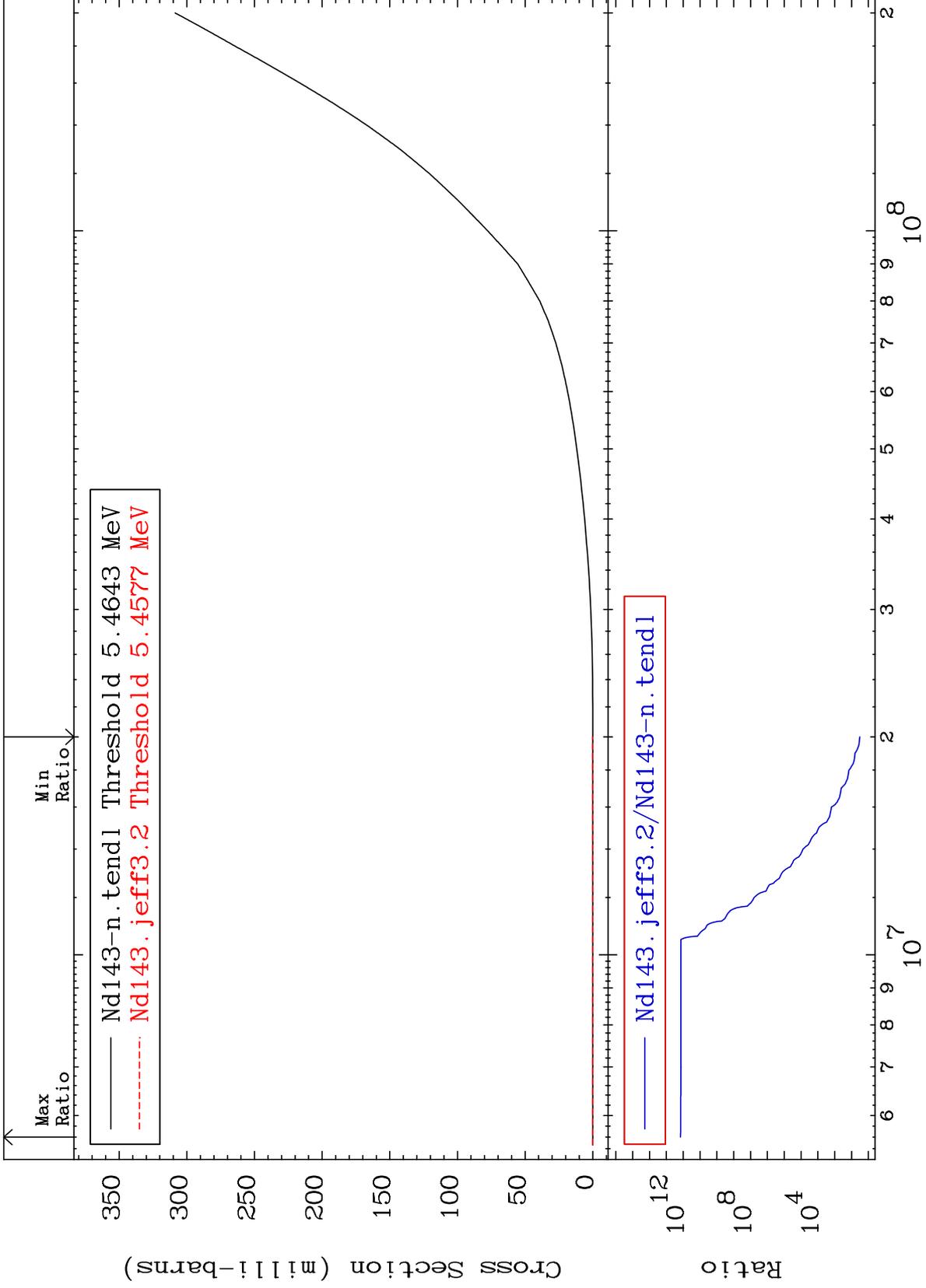
60-Nd-143  
-74.26 To 9999. %

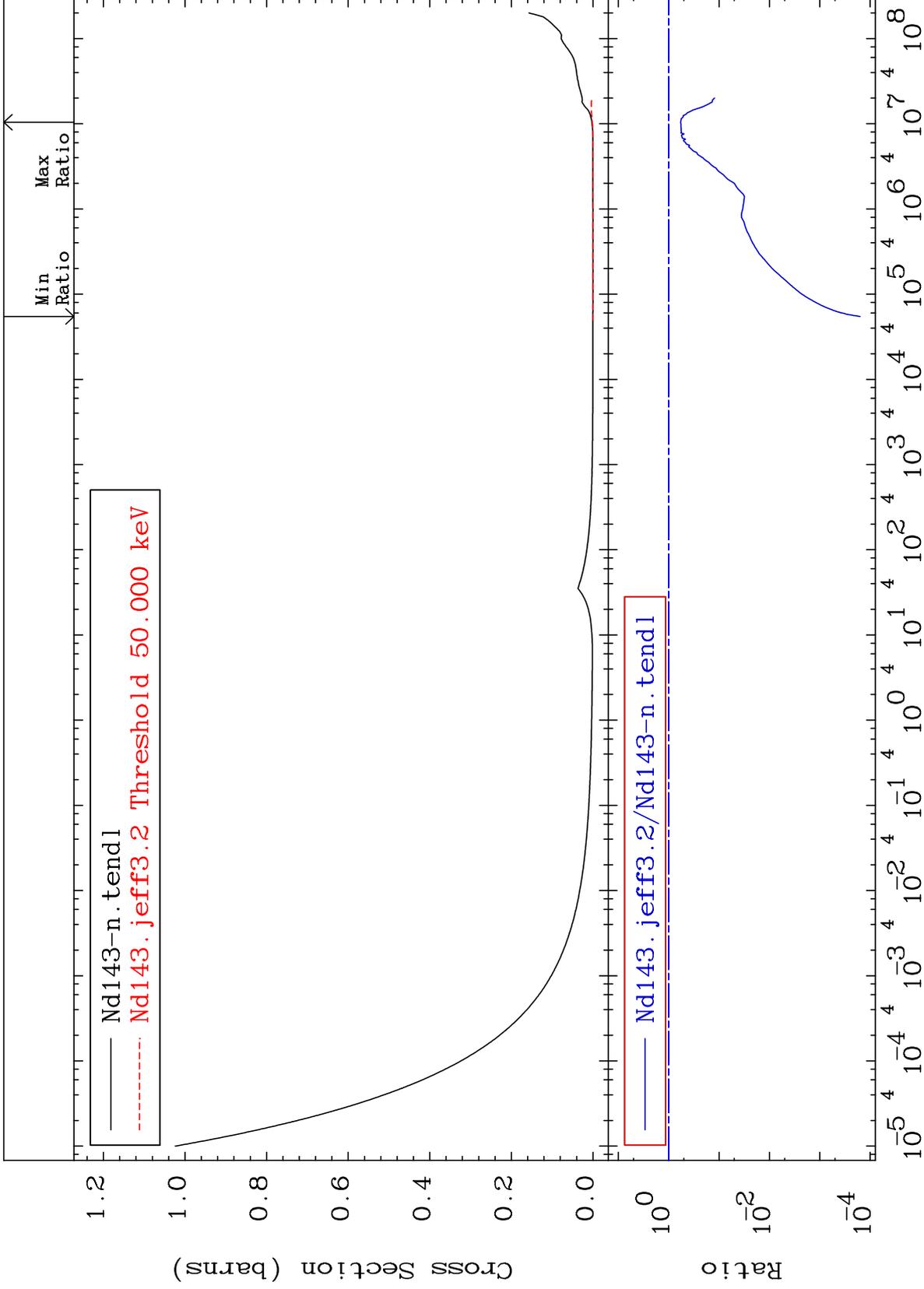


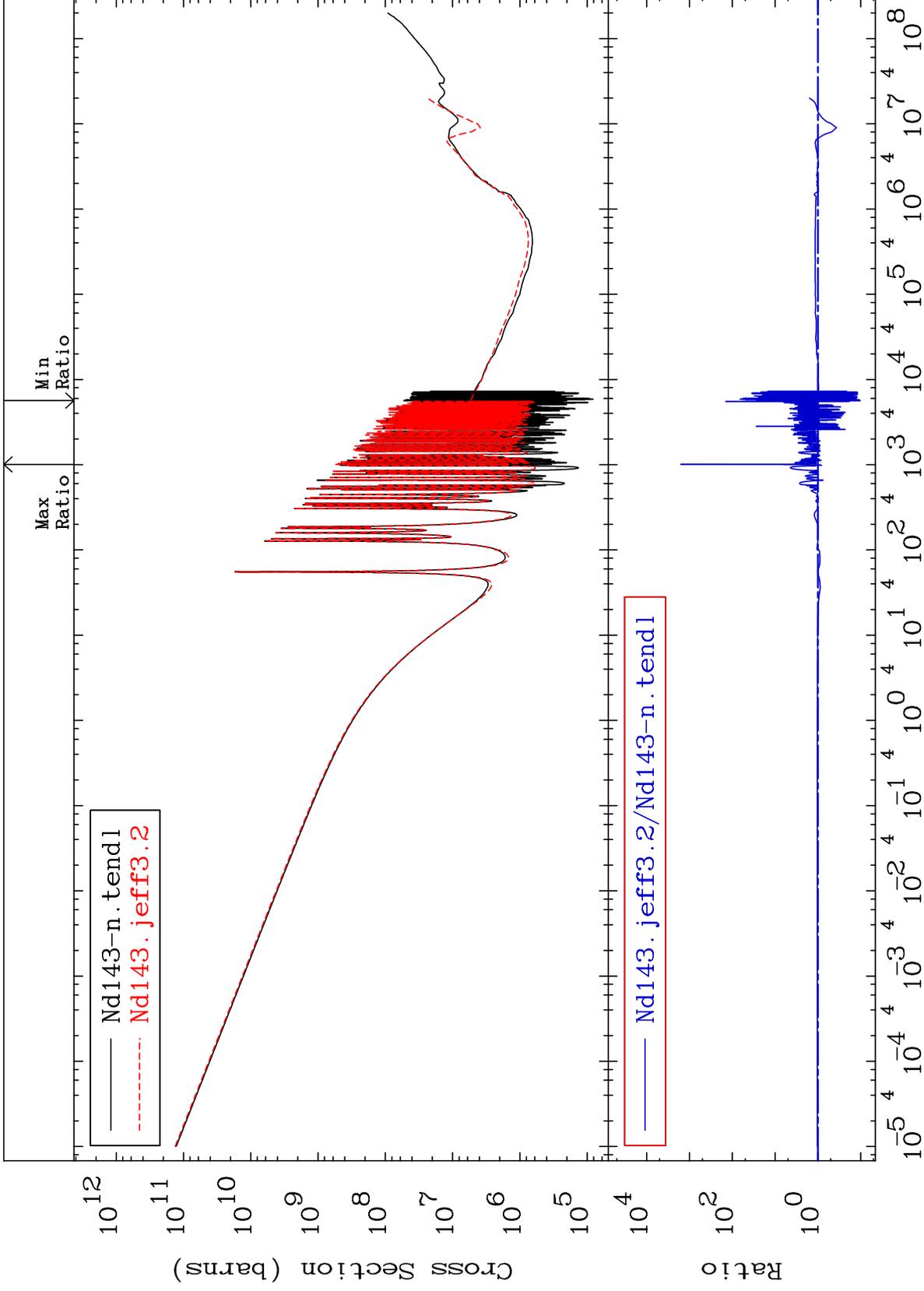
MAT 6028

He-3 Production  
Cross Section

60-Nd-143  
To 9999. %



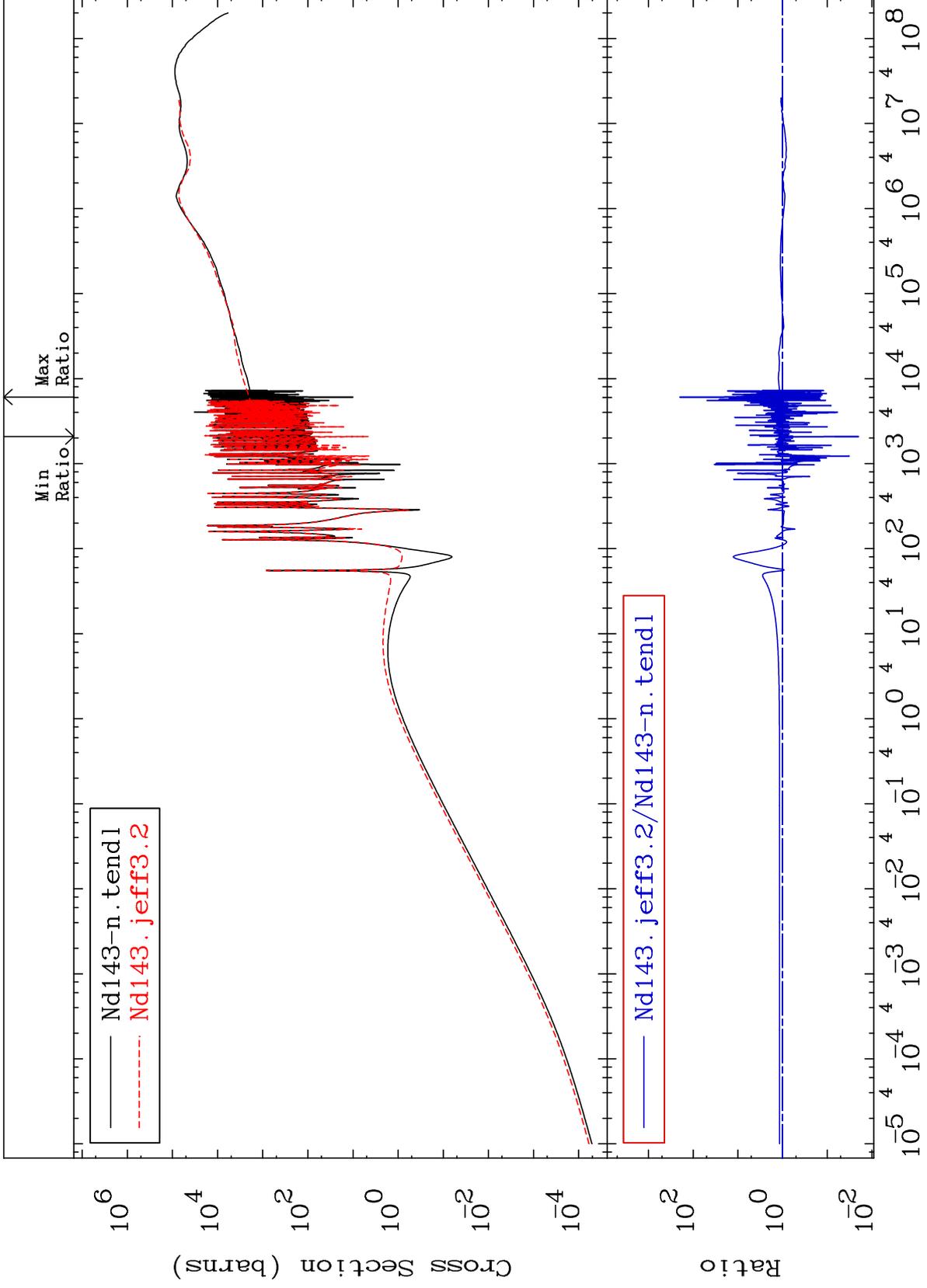


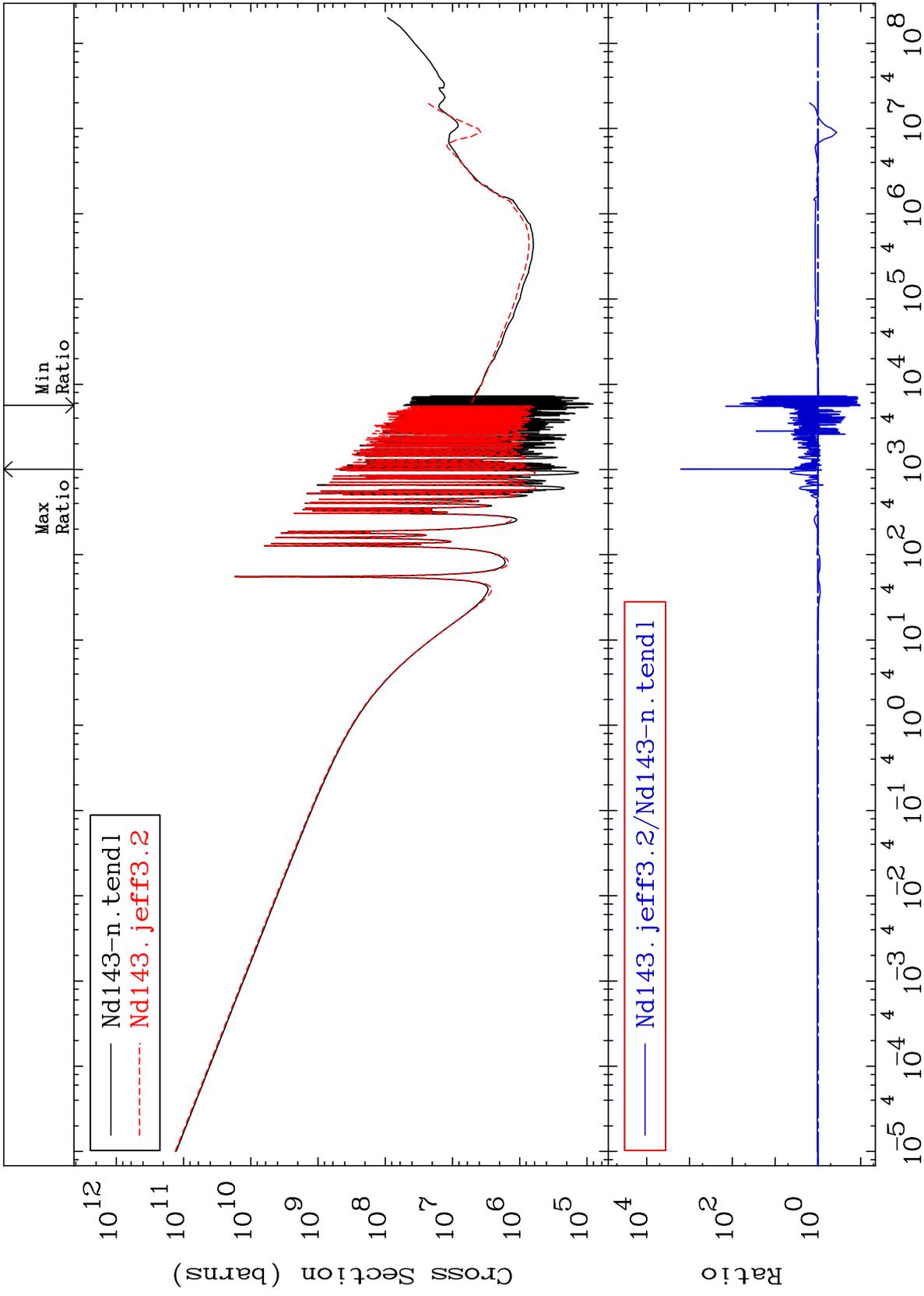


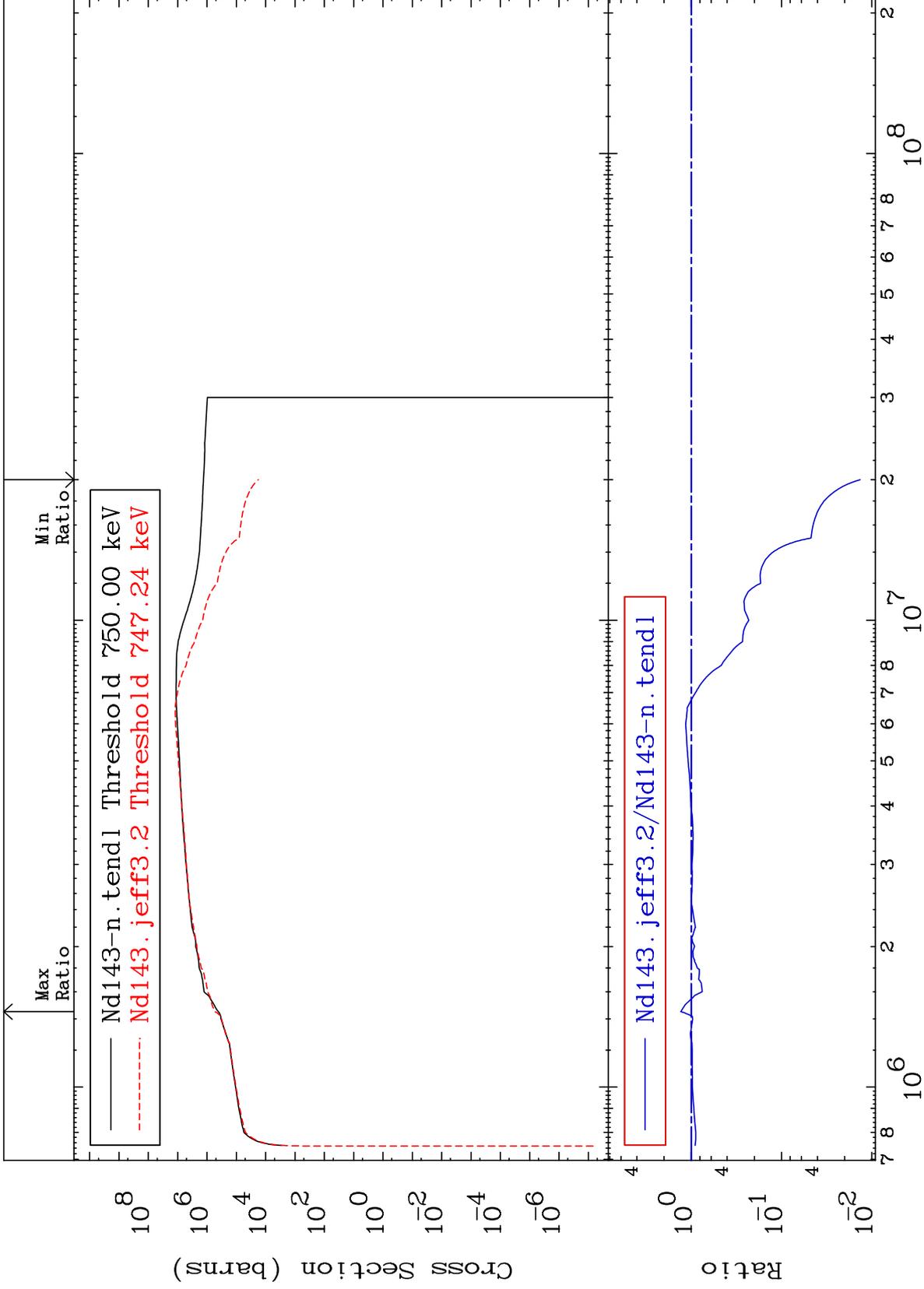
MAT 6028

Kerma elastic  
Cross Section

60-Nd-143  
-98.02 To 9999. %



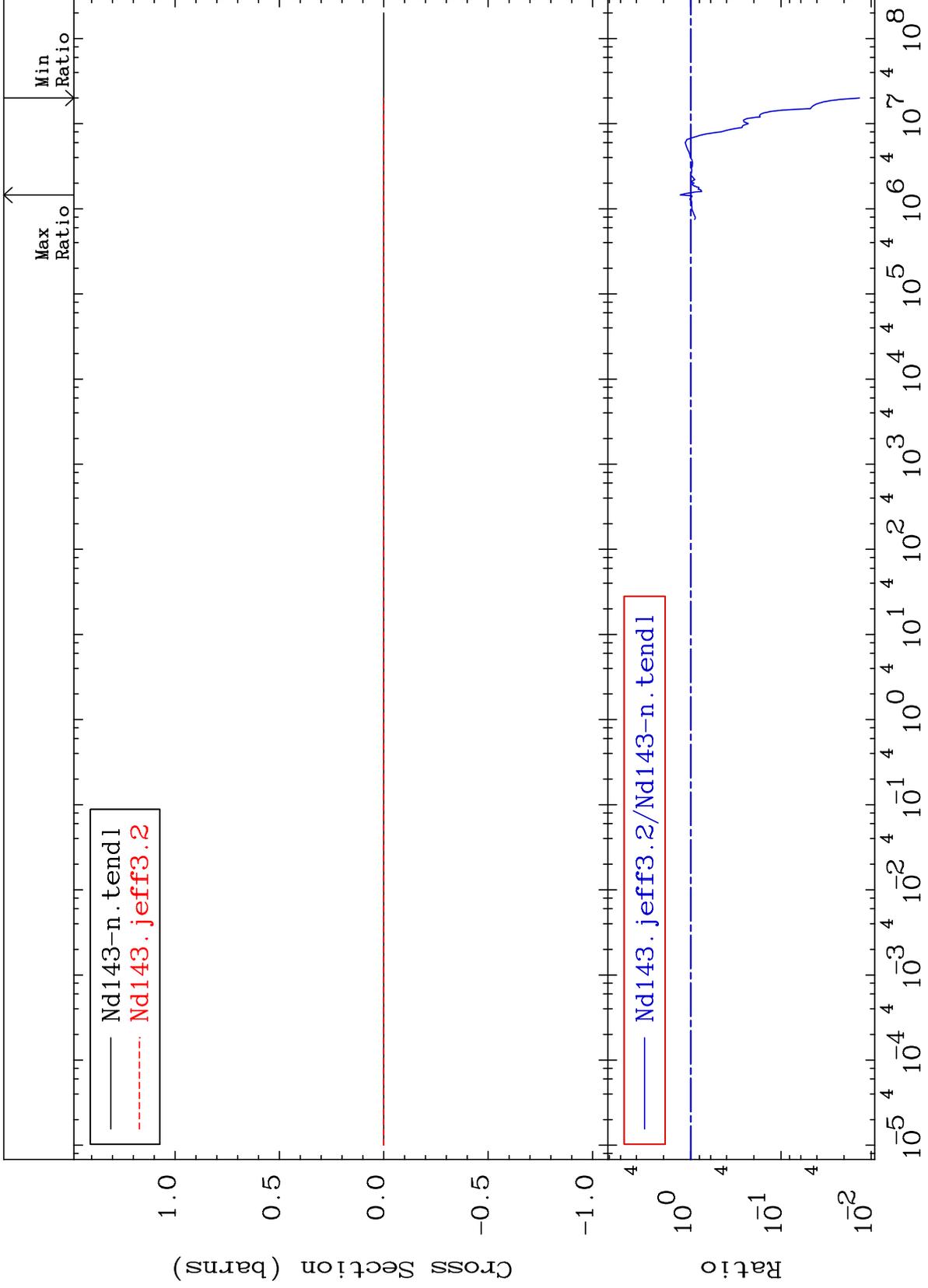




MAT 6028

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

60-Nd-143  
-98.65 To 30.73 %



Incident Energy (eV)

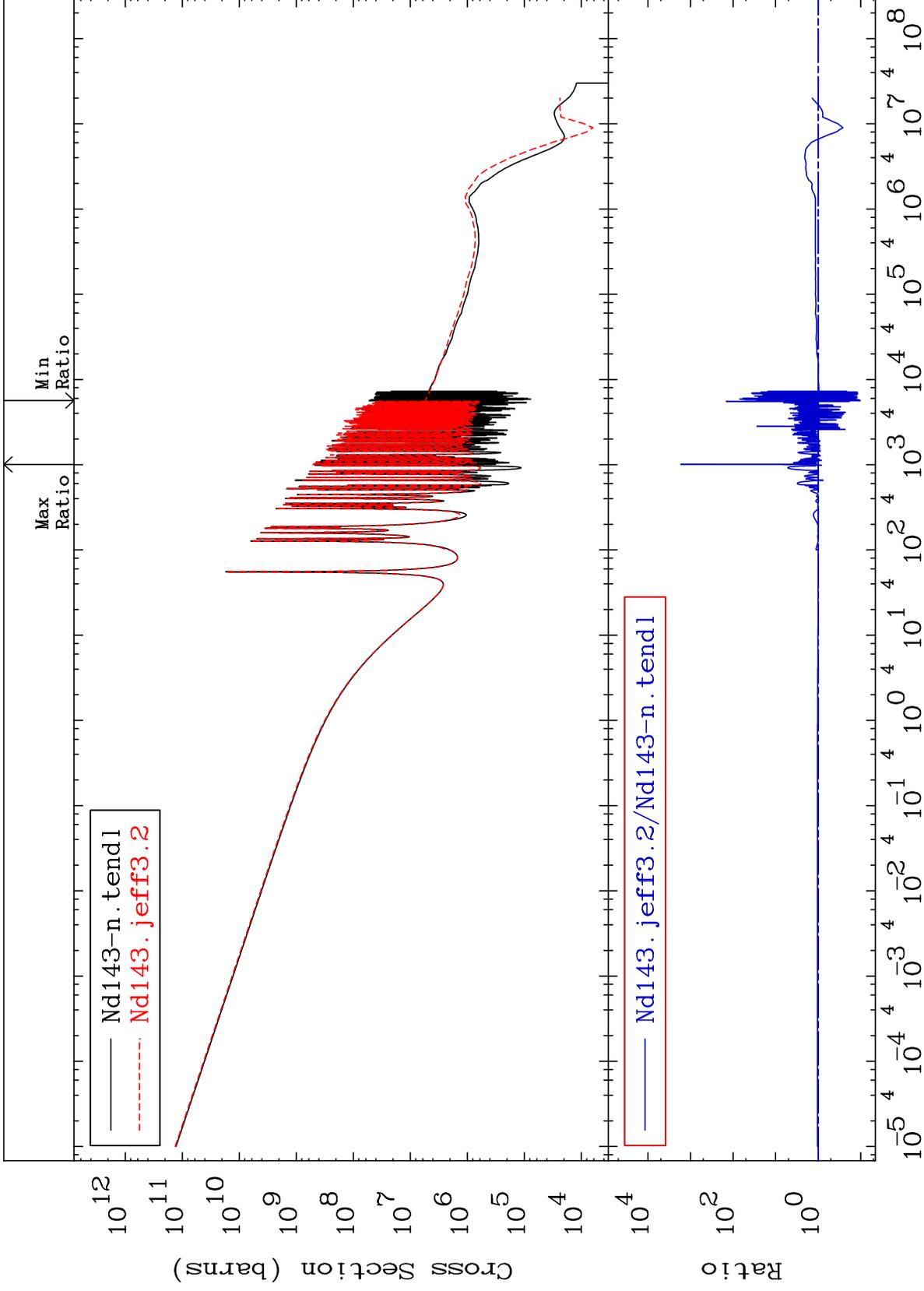
60-Nd-143

48

MAT 6028

Kerma capture (mt102)  
Cross Section

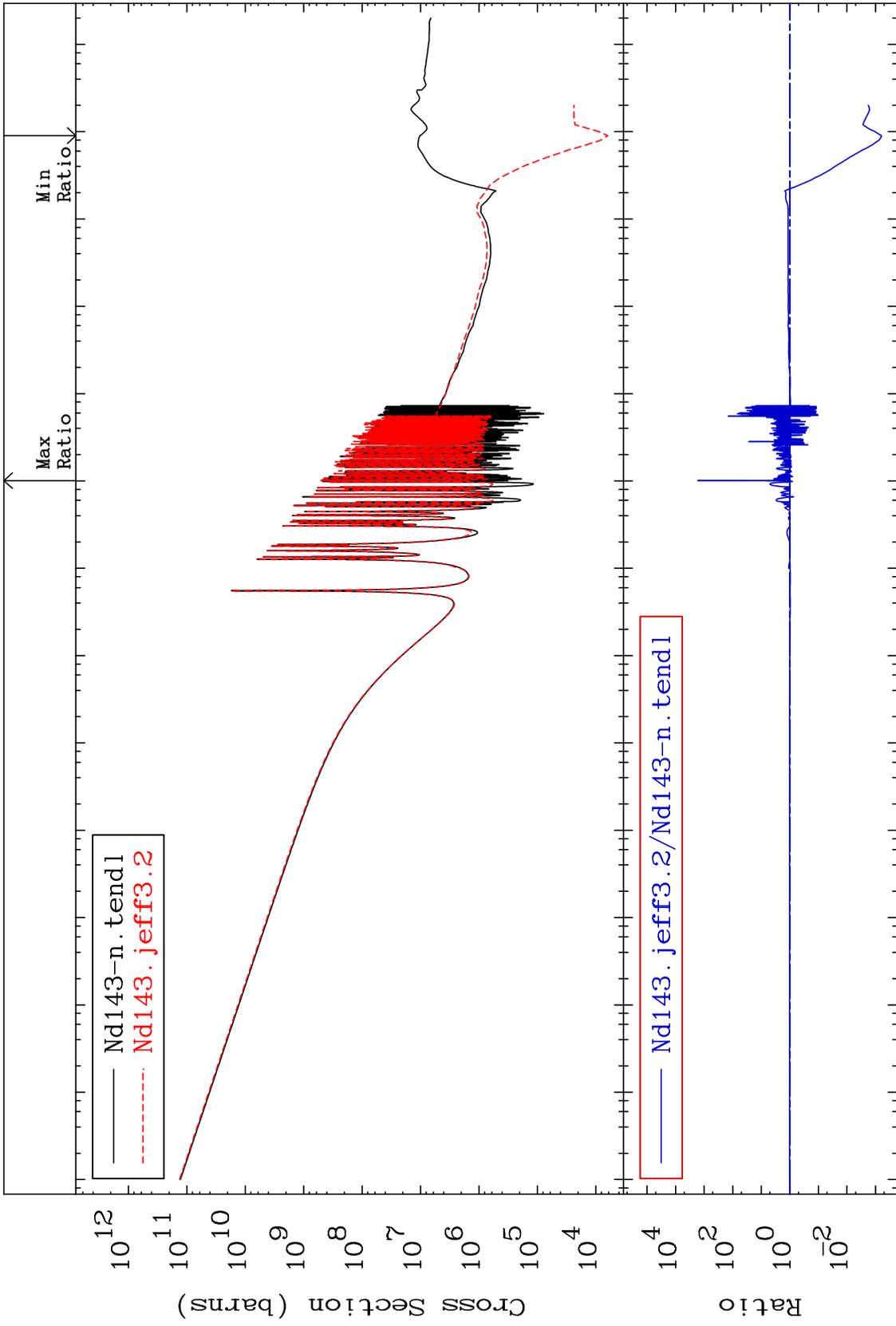
60-Nd-143  
-89.70 To 9999. %

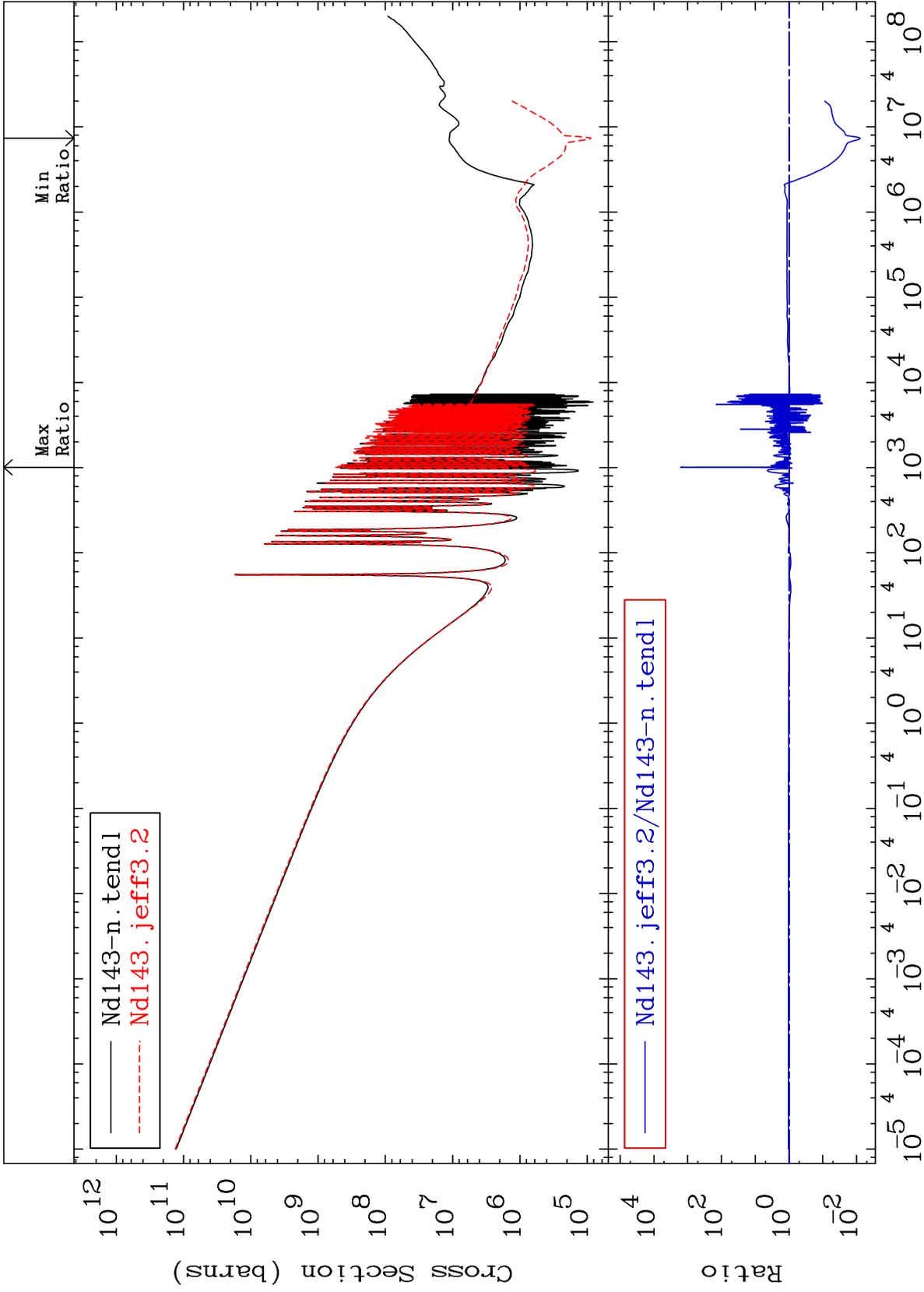


MAT 6028

Total photon (eV-barns)  
Cross Section

60-Nd-143  
-99.94 To 9999. %

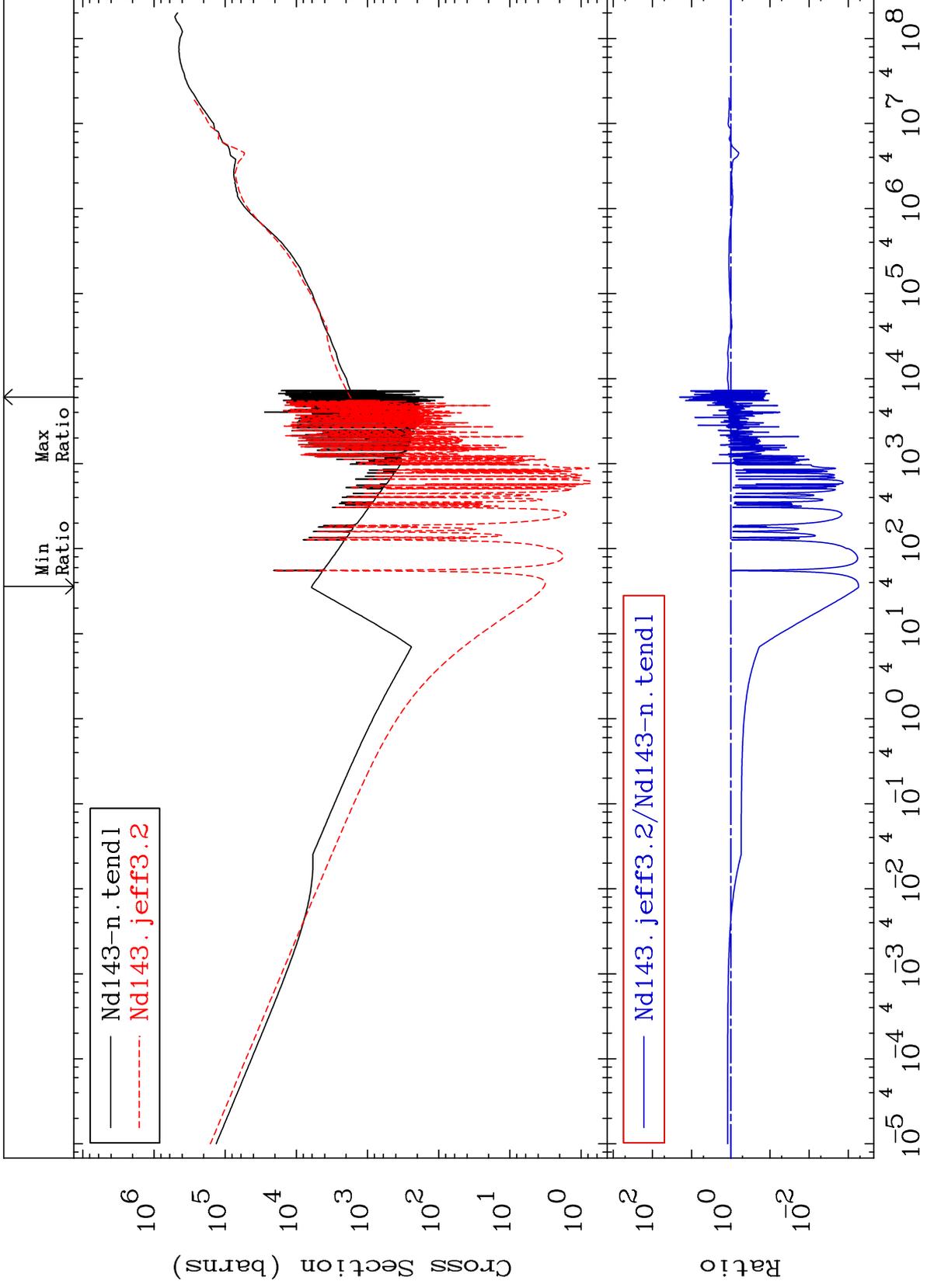




MAT 6028

Dpa total (eV-barns)  
Cross Section

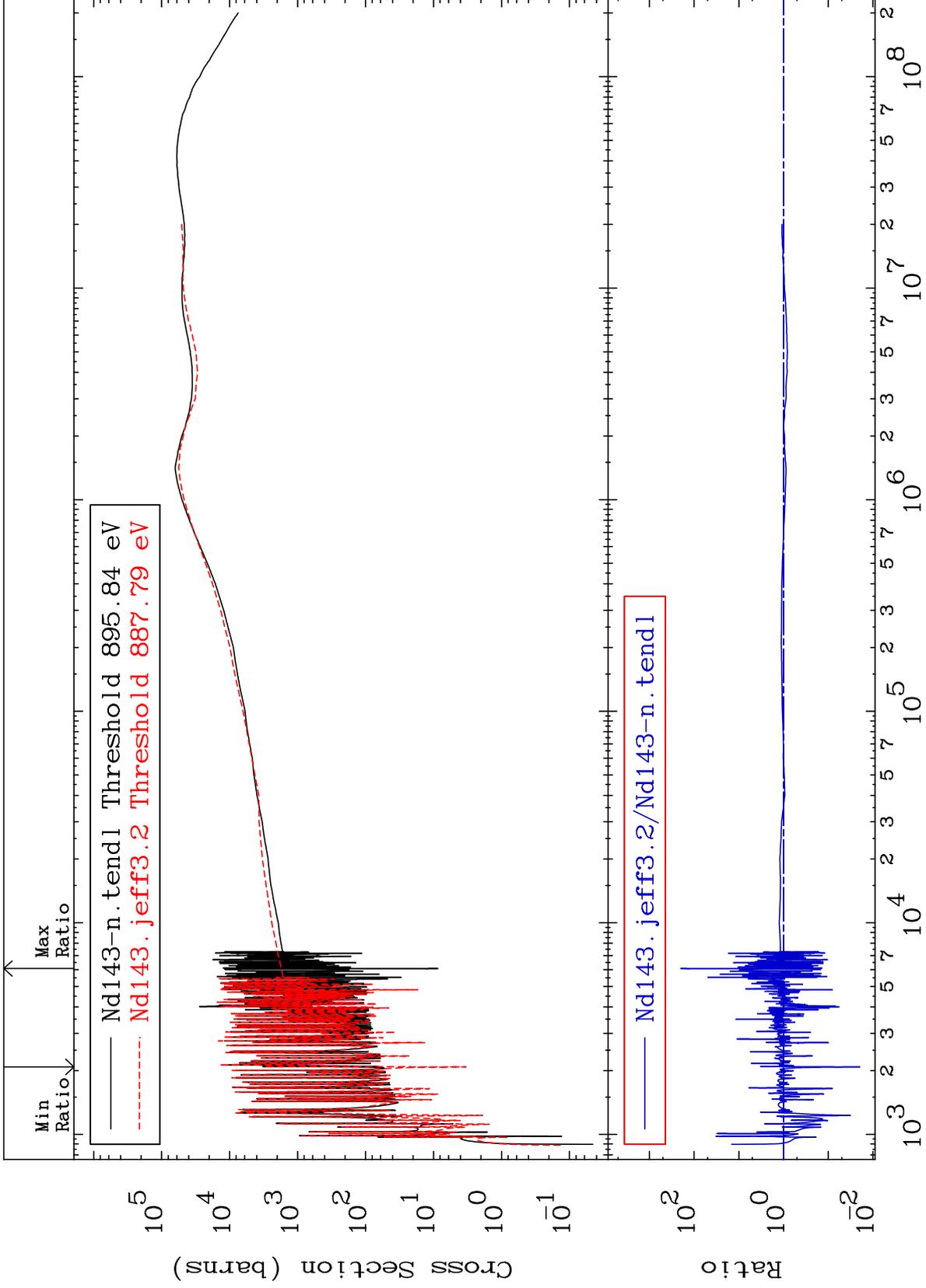
60-Nd-143  
-99.95 To 1931. %



MAT 6028

Dpa elastic (mt2)  
Cross Section

60-Nd-143  
-98.02 To 9999. %



53

Incident Energy (eV)

60-Nd-143

