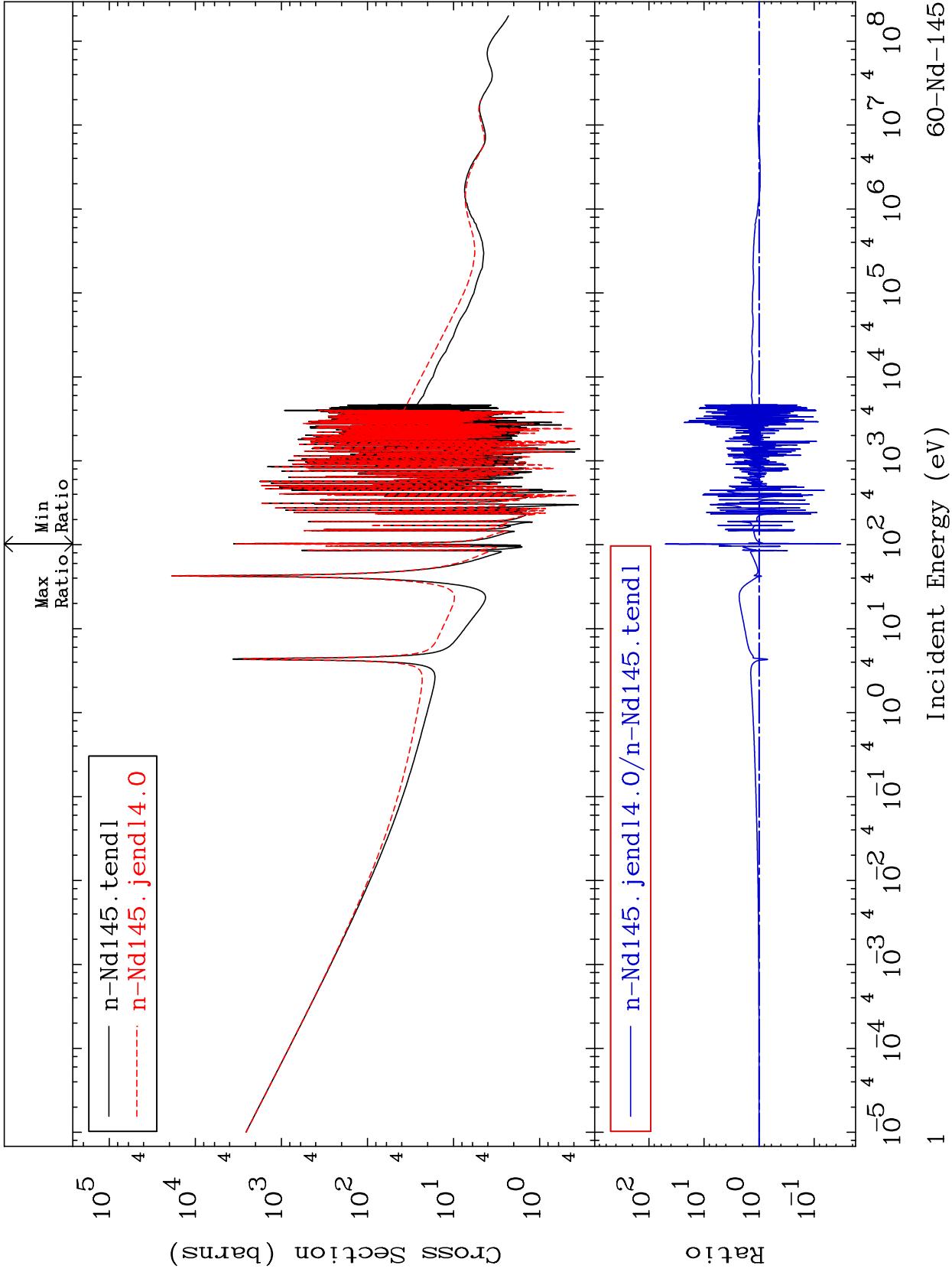


MAT 6034

Total  
Cross Section

60-Nd-145  
-96.71 To 4909. %



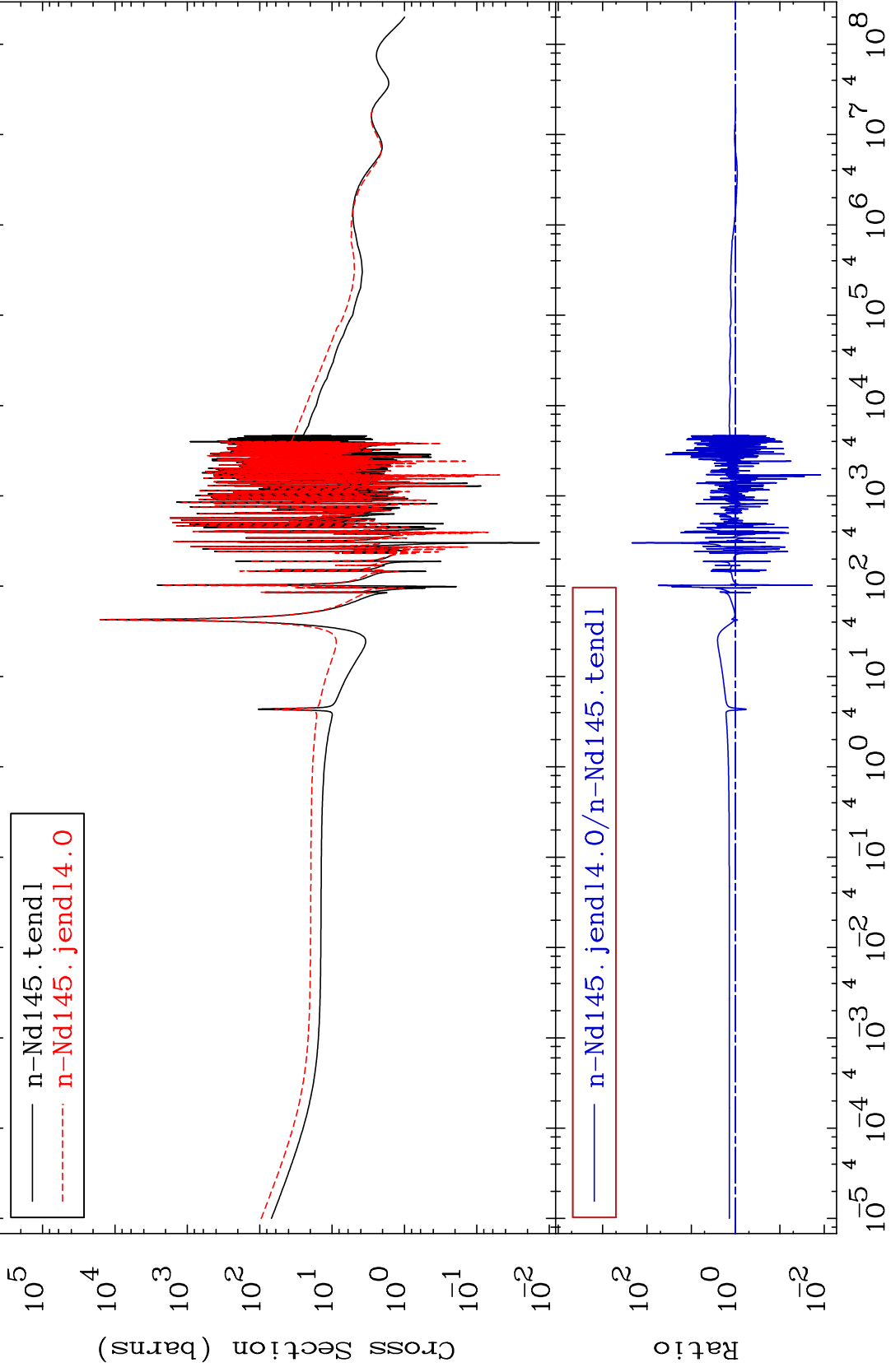
60-Nd-145

Incident Energy (eV)

MAT 6034

Elastic  
Cross Section

60-Nd-145  
-98.79 To 9999. %



2

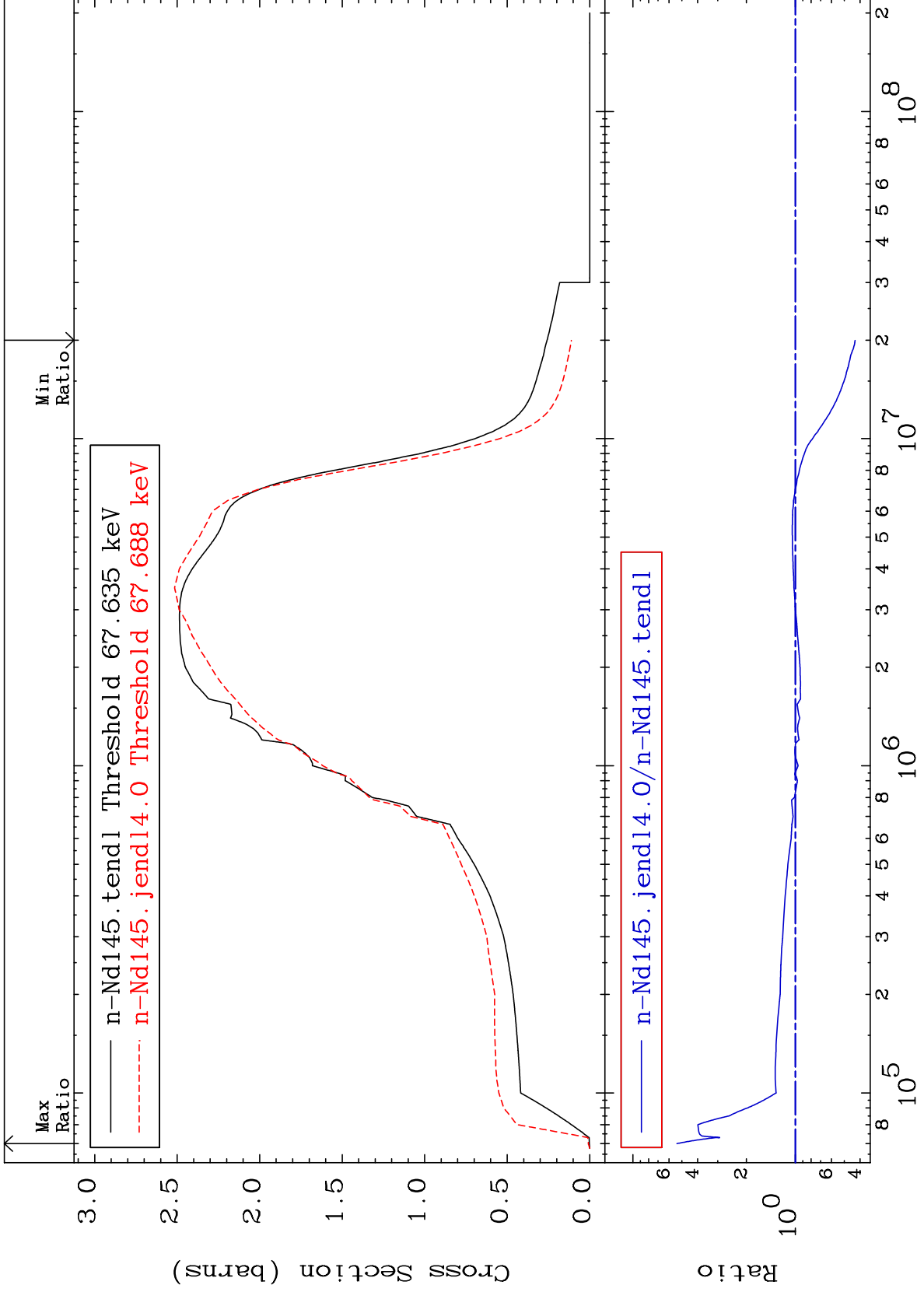
Incident Energy (eV)

60-Nd-145

MAT 6034

Inelastic  
Cross Section

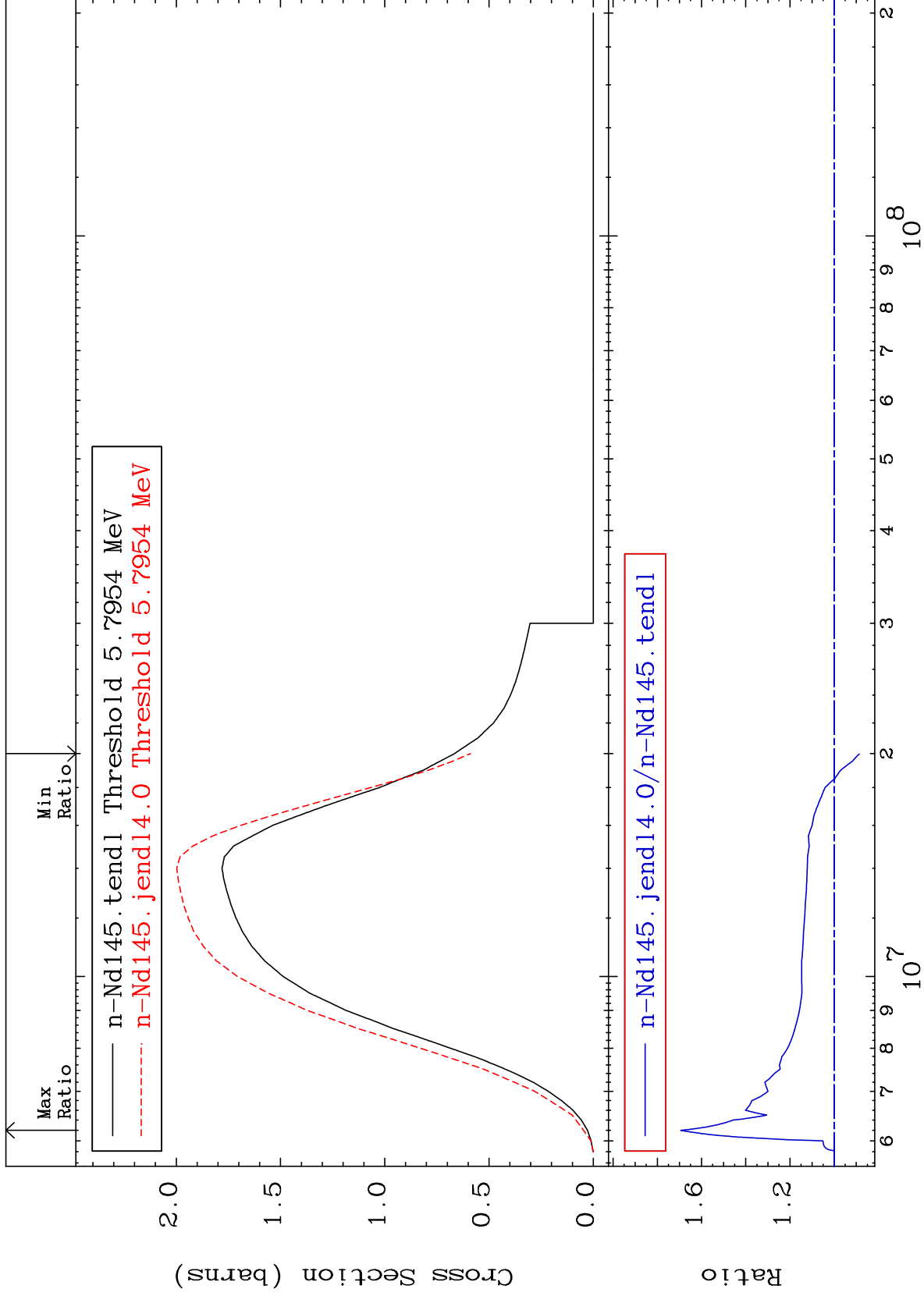
60-Nd-145  
-57.06 To 435.6 %



MAT 6034

(n,2n)  
Cross Section

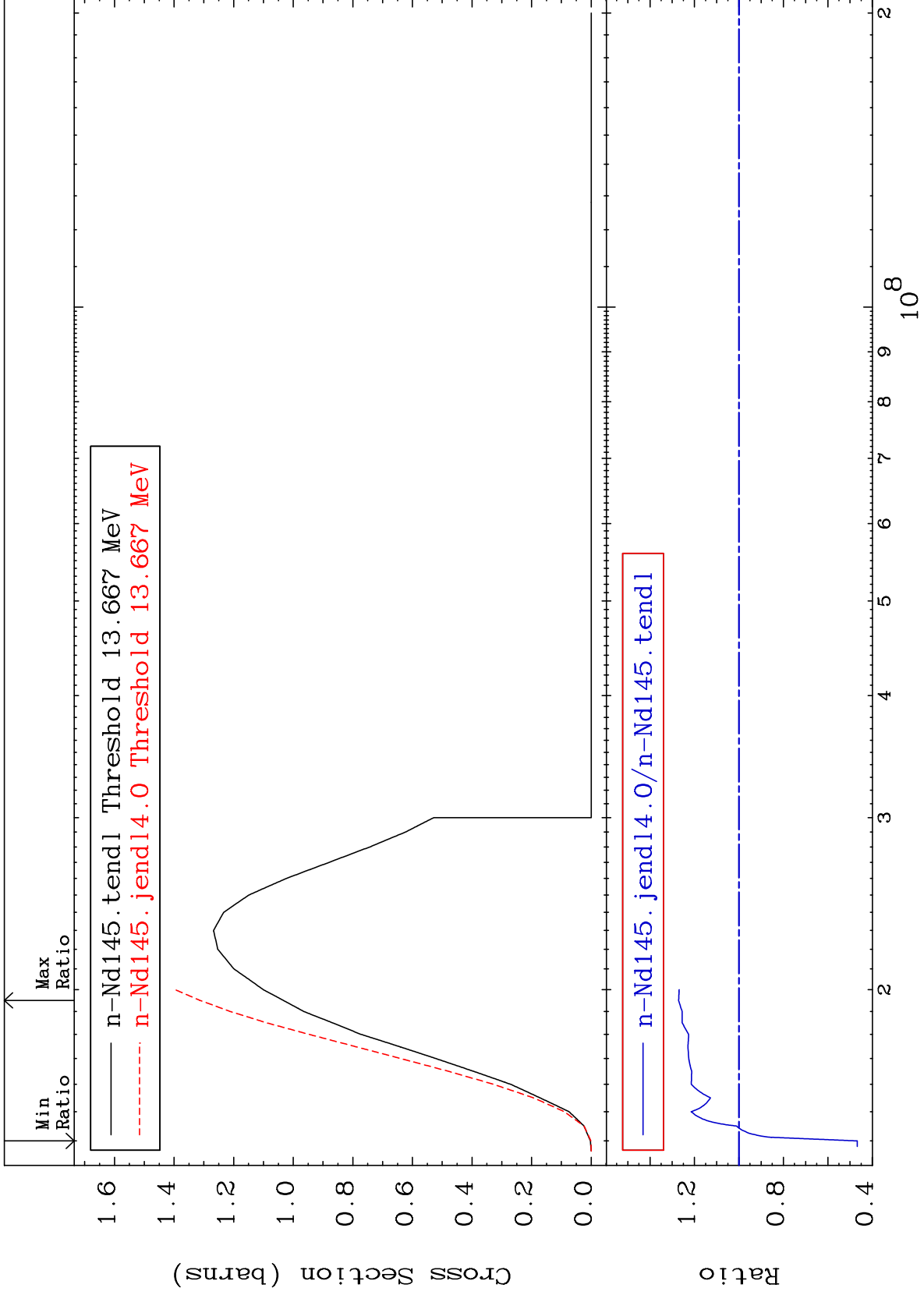
60-Nd-145  
-11.46 To 69.39 %



4

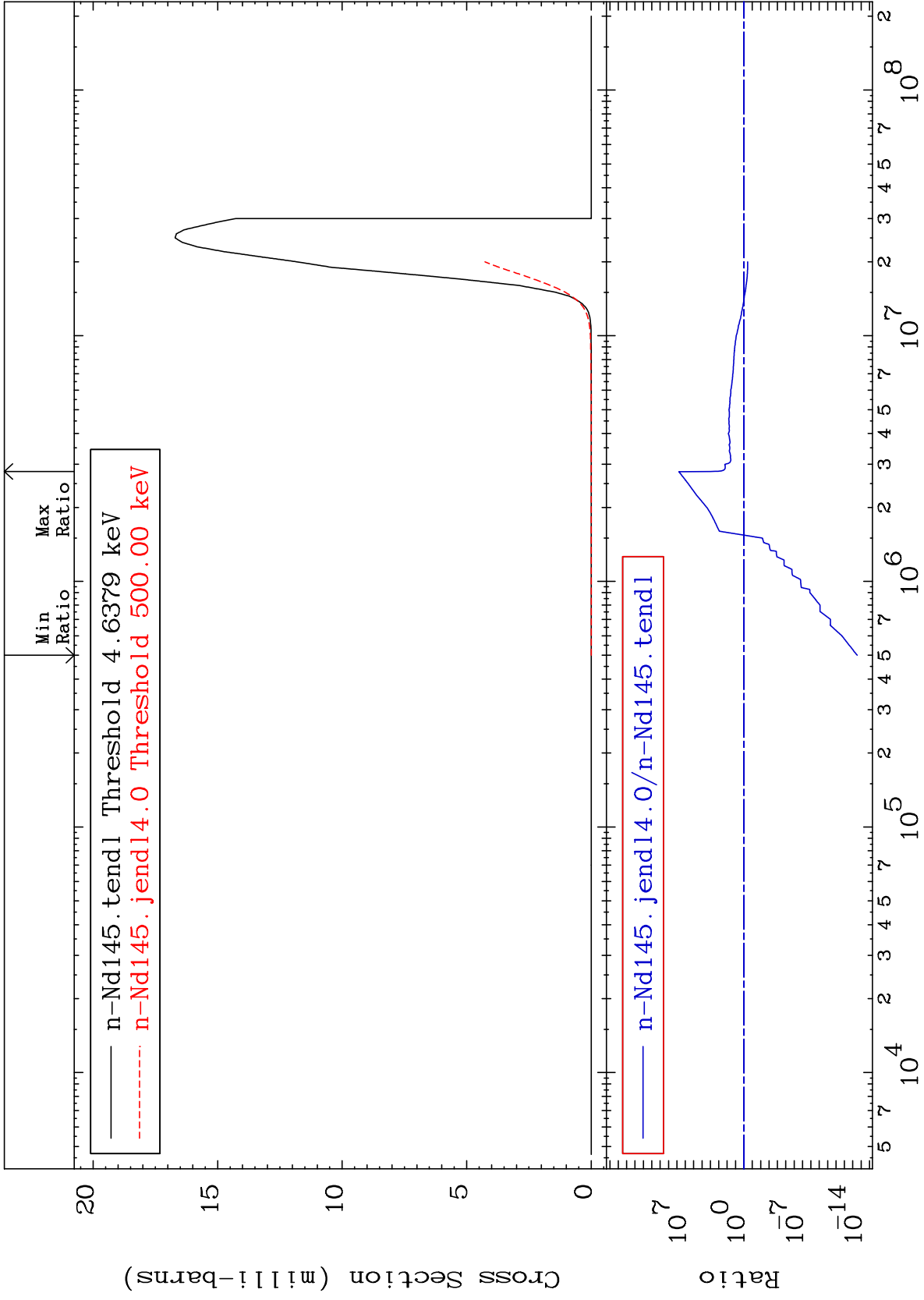
60-Nd-145

60-Nd-145



MAT 6034

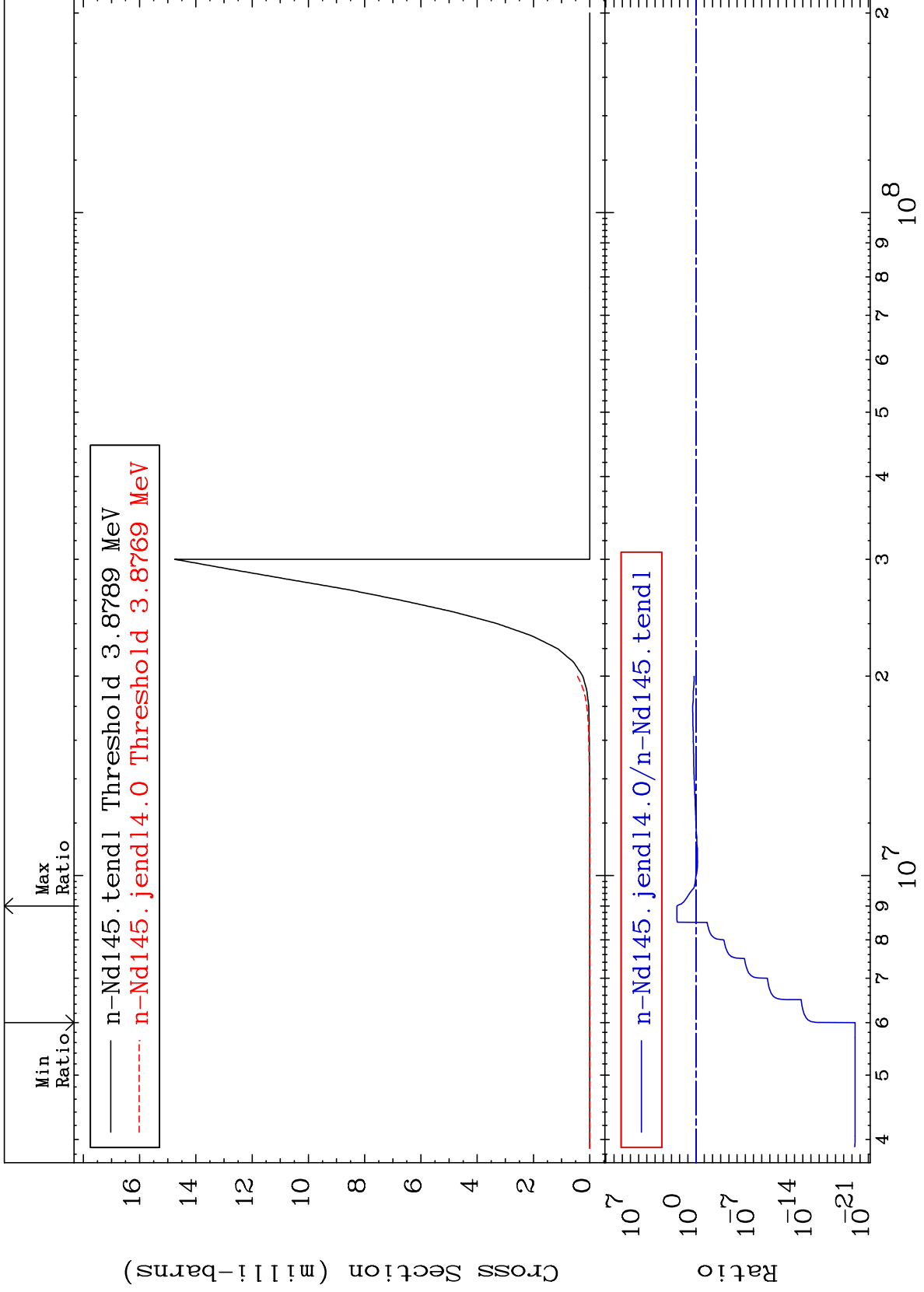
$(n, n') \alpha$   
Cross Section  
60-Nd-145  
-100.0 To 9999. %



MAT 6034

(n,2n)  $\alpha$   
Cross Section

60-Nd-145  
-100.0 To 9999. %



7

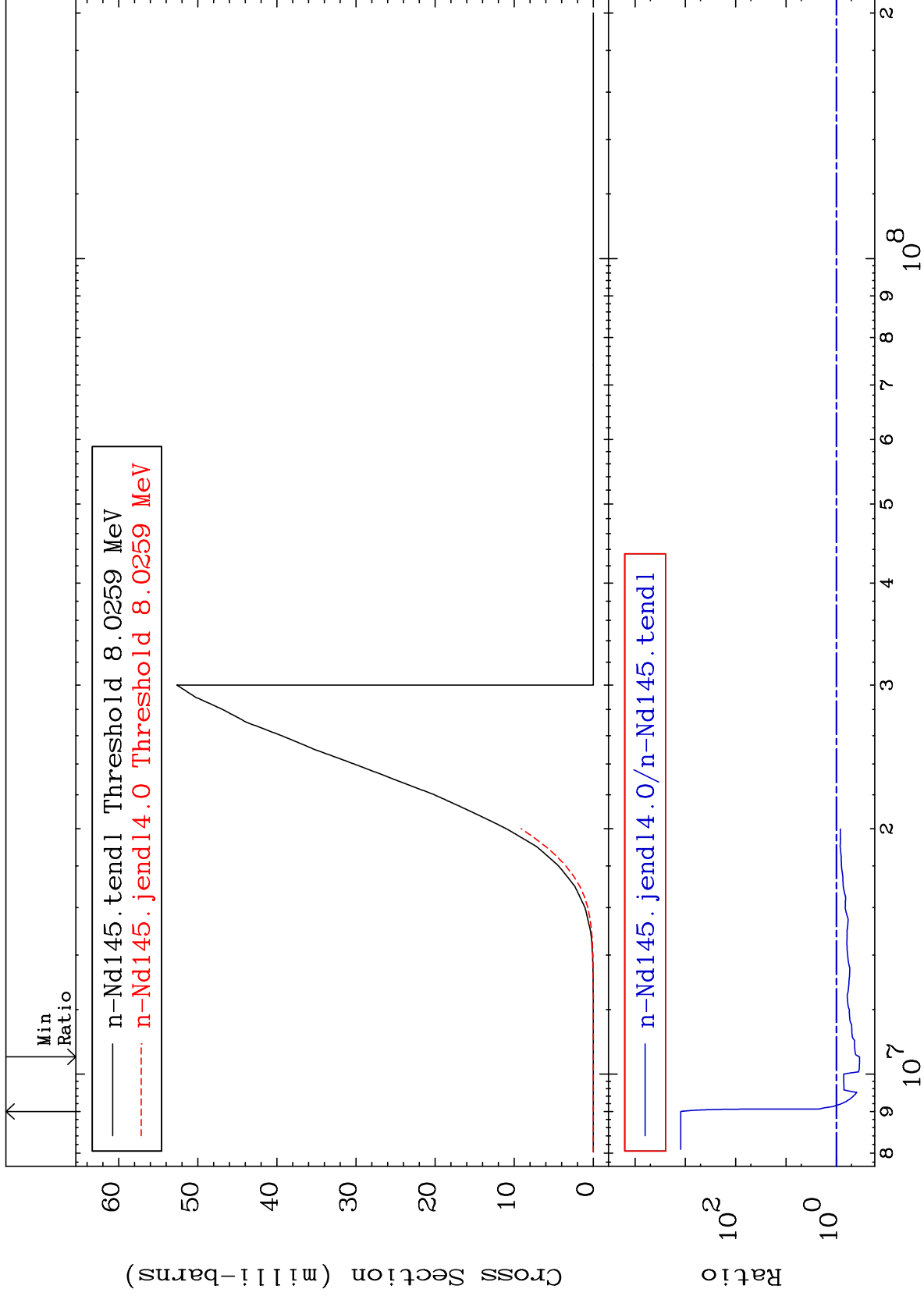
Incident Energy (eV)

60-Nd-145

MAT 6034

(n,n') p  
Cross Section

60-Nd-145  
-65.44 To 9999. %

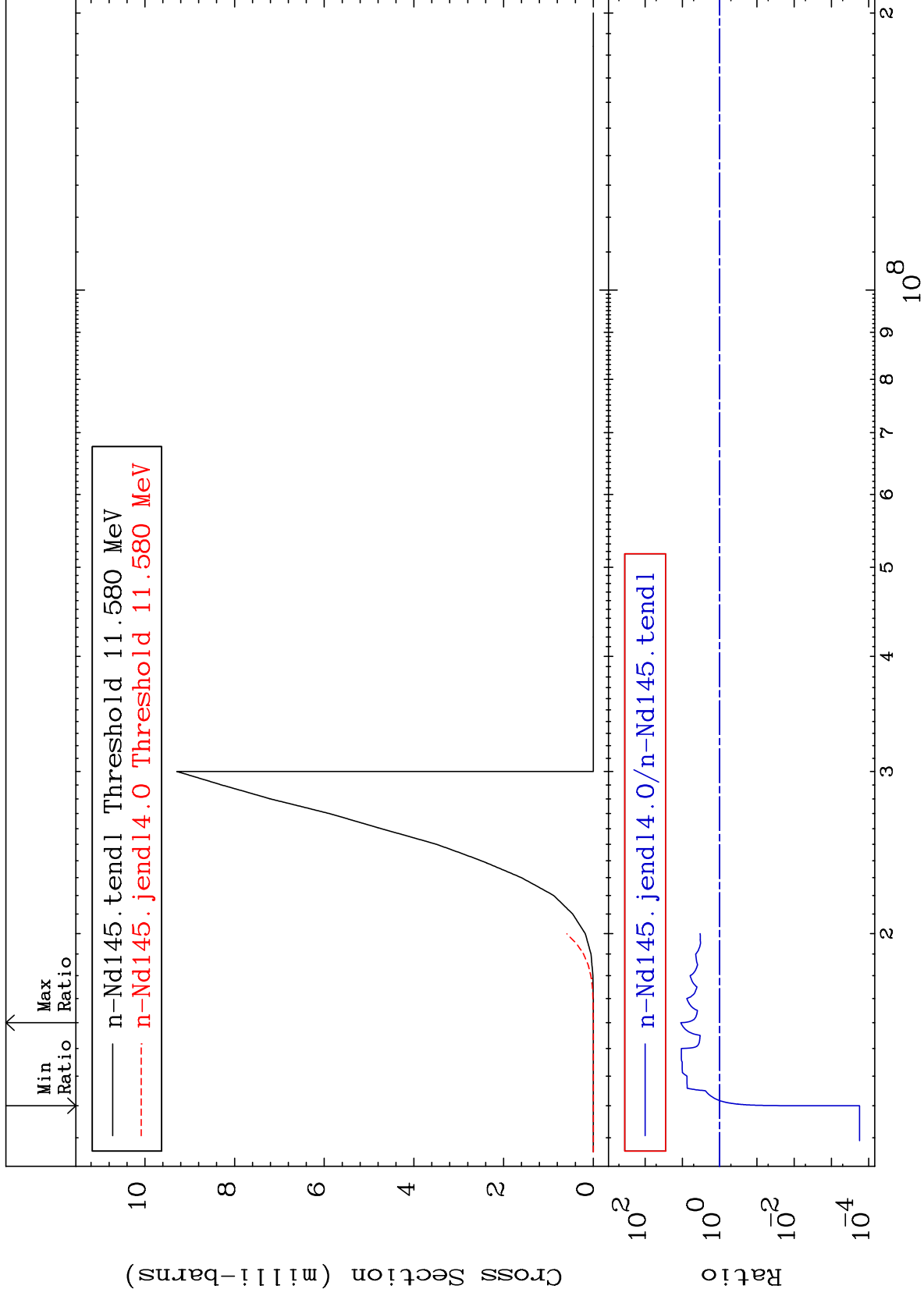


8

Incident Energy (eV)

60-Nd-145

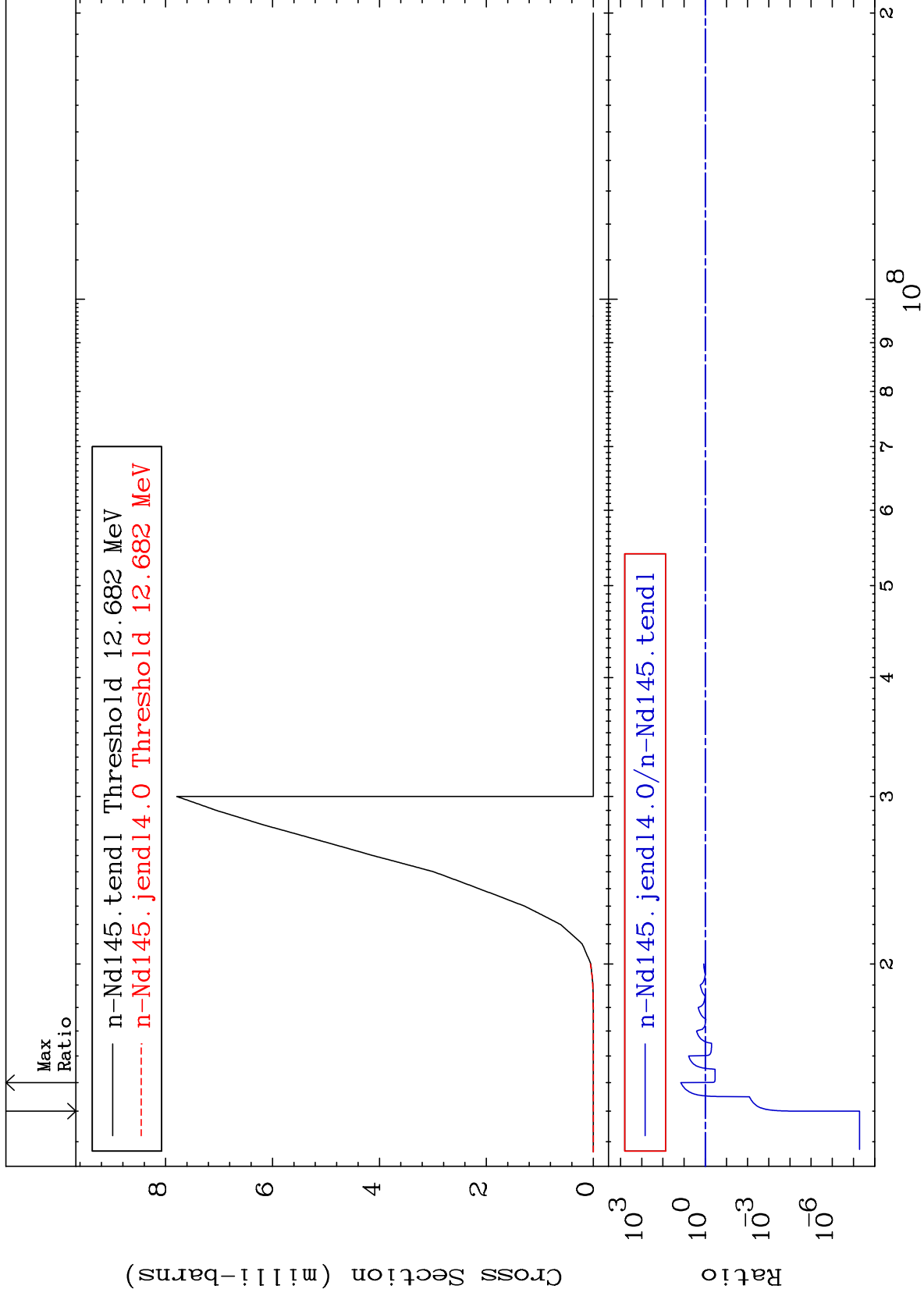




MAT 6034

(n,n') t  
Cross Section

60-Nd-145  
-100.0 To 1332. %



10

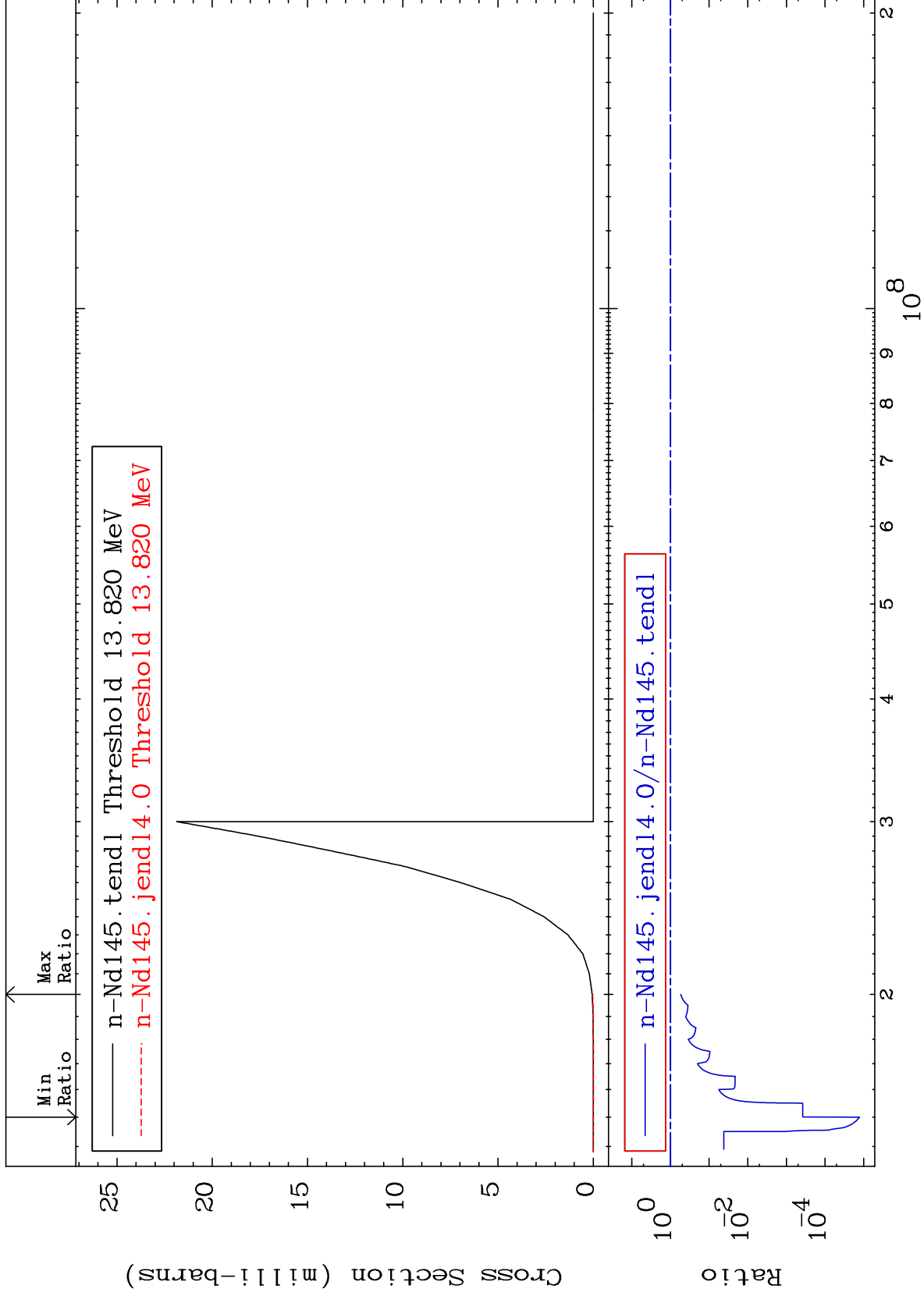
Incident Energy (eV)

60-Nd-145

MAT 6034

(n,2n) p  
Cross Section

60-Nd-145  
-100.0 To -45.94%

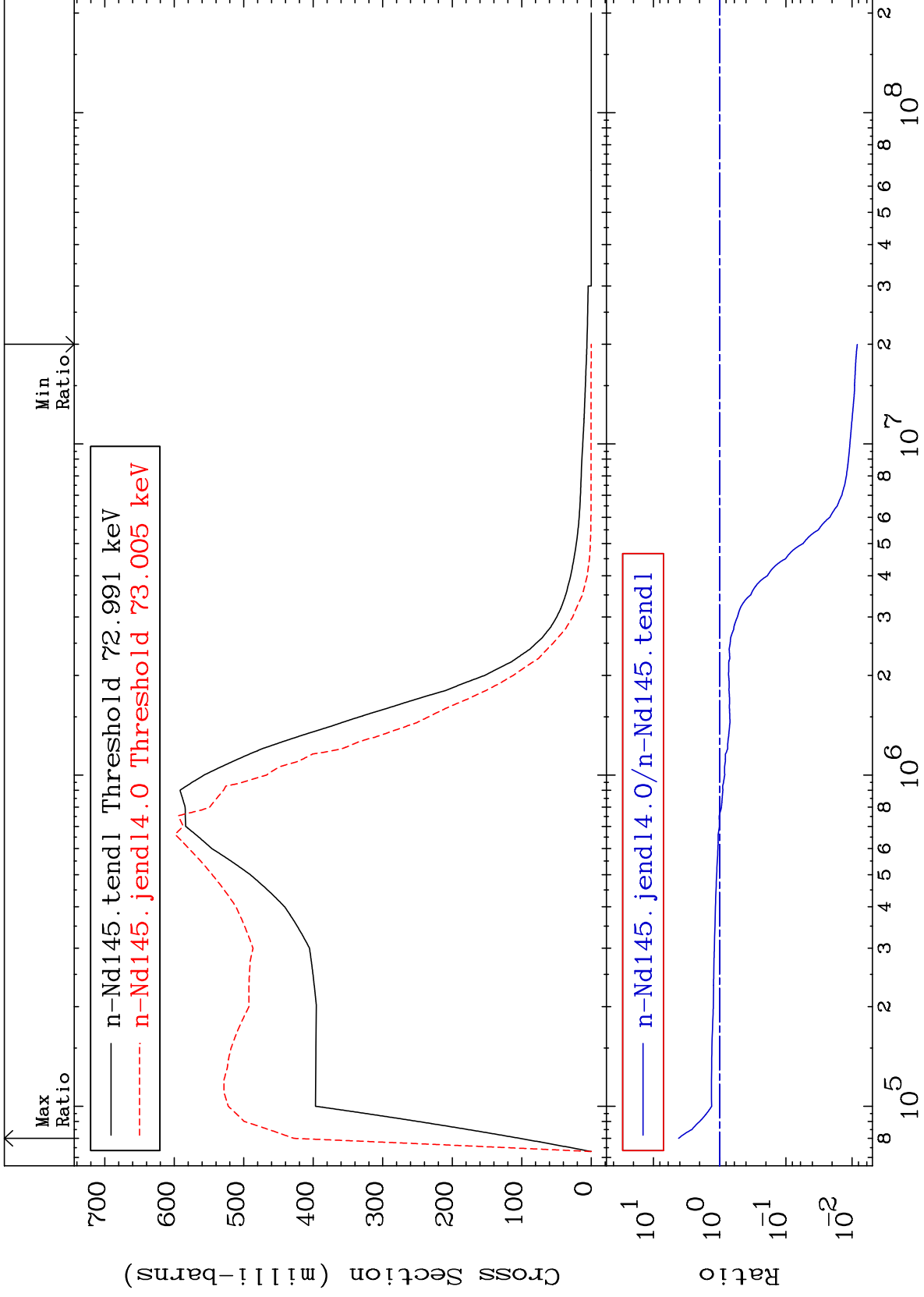




MAT 6034

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

60-Nd-145  
-99.16 To 315.8 %



13

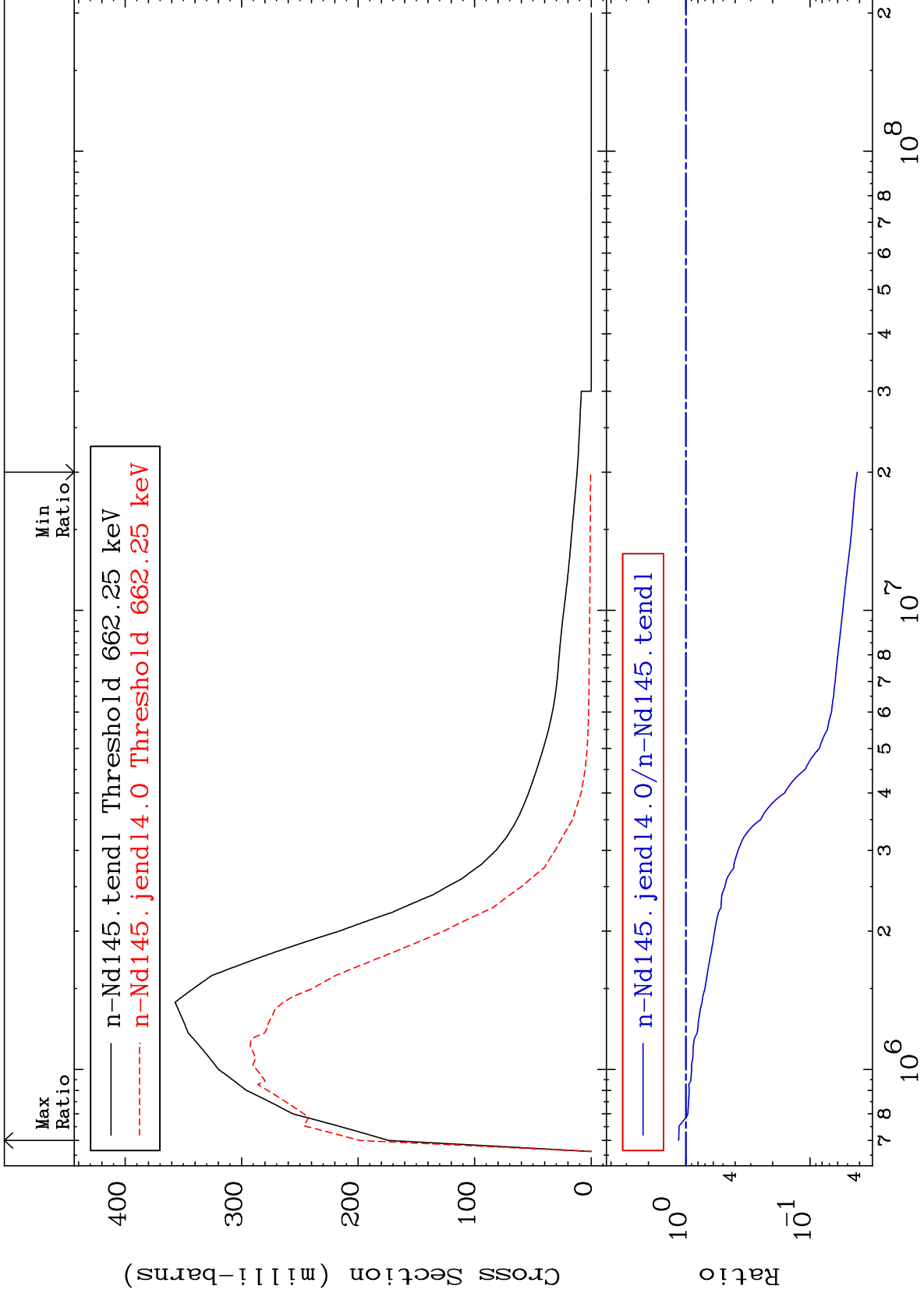
Incident Energy (eV)

60-Nd-145

MAT 6034

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

60-Nd-145  
-95.83 To 14.16 %



14

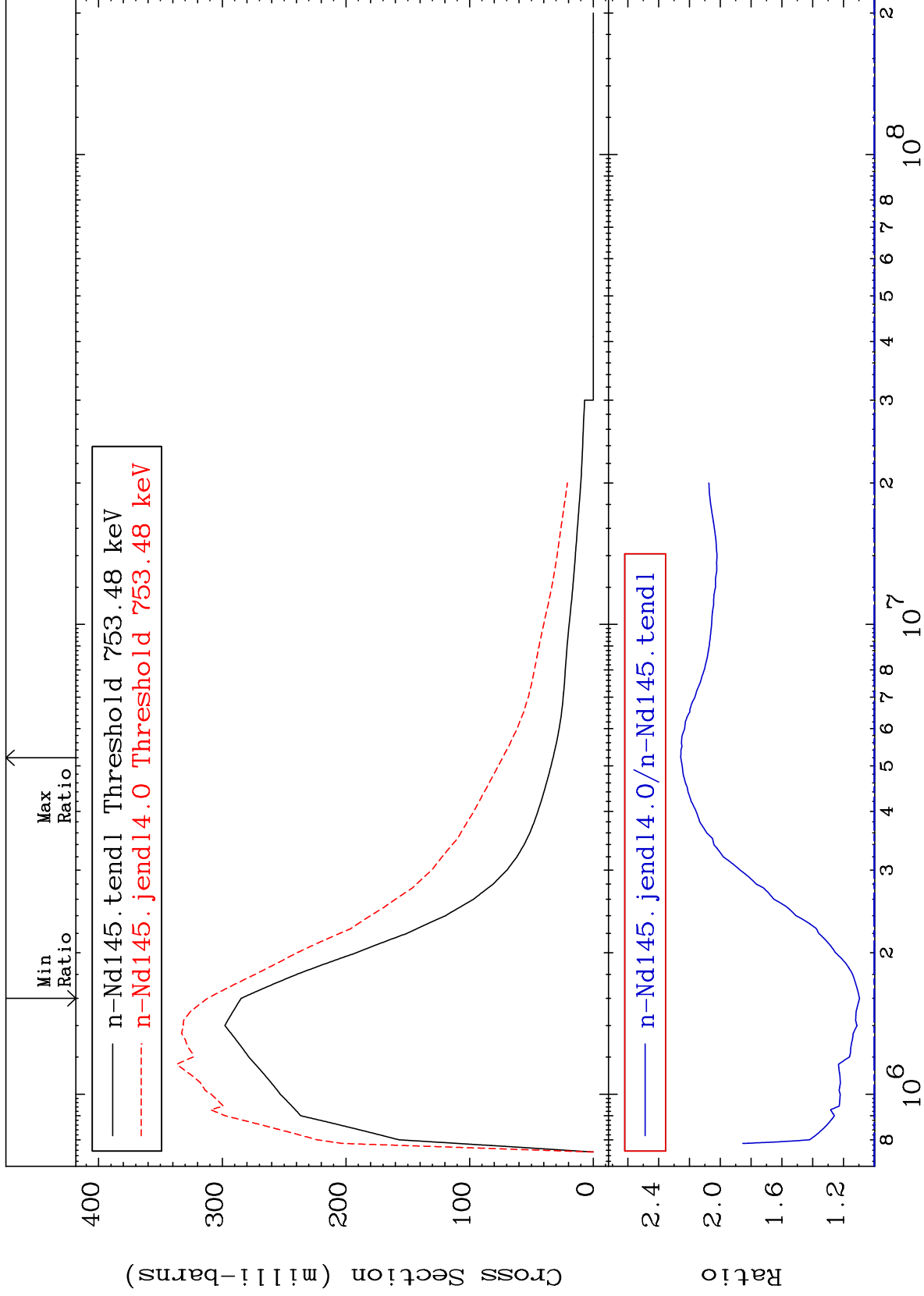
Incident Energy (eV)

60-Nd-145

MAT 6034

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

60-Nd-145  
9.558 To 125.6 %



15

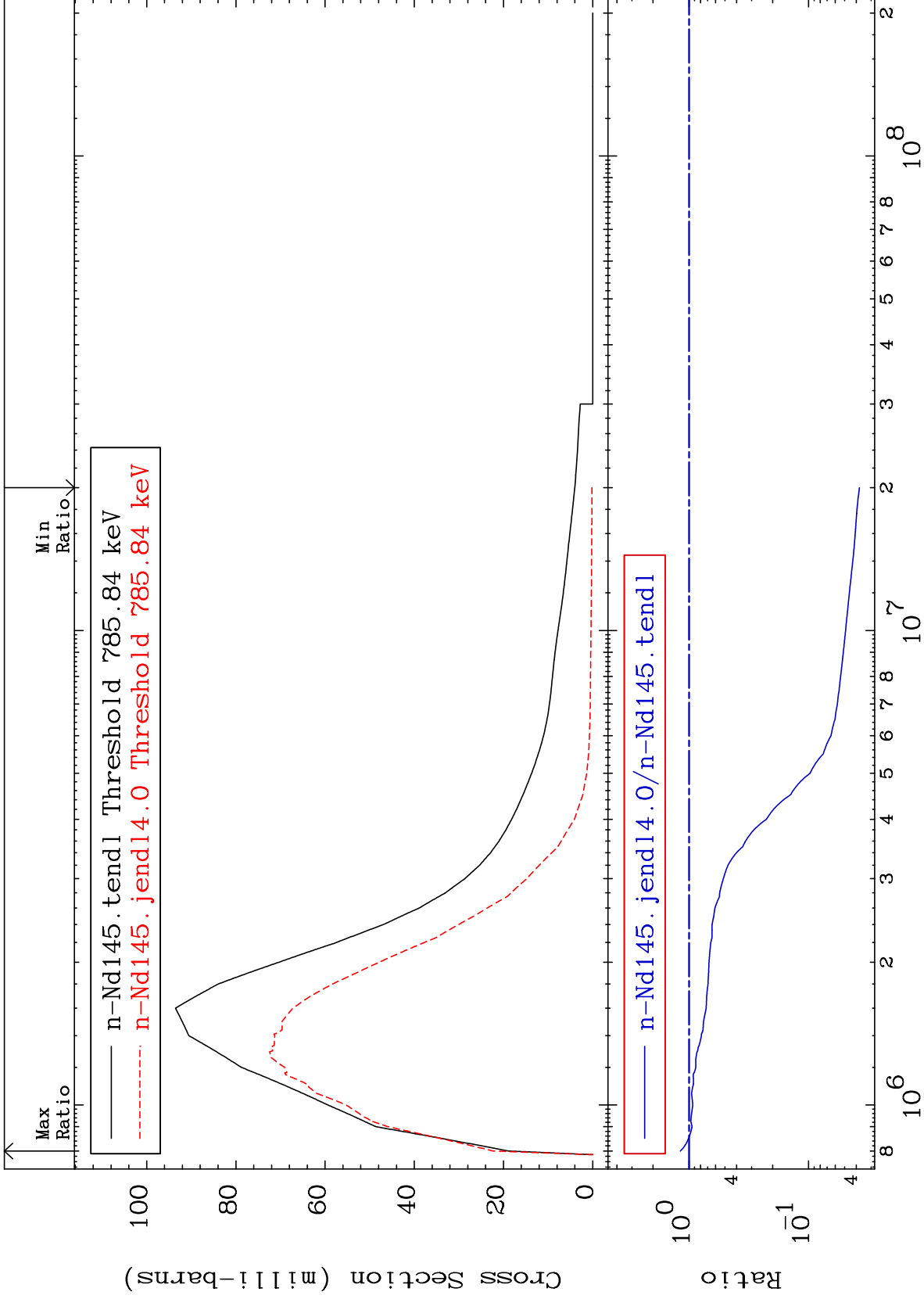
Incident Energy (eV)

60-Nd-145

MAT 6034

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

60-Nd-145  
-96.24 To 18.15 %



16

Incident Energy (eV)

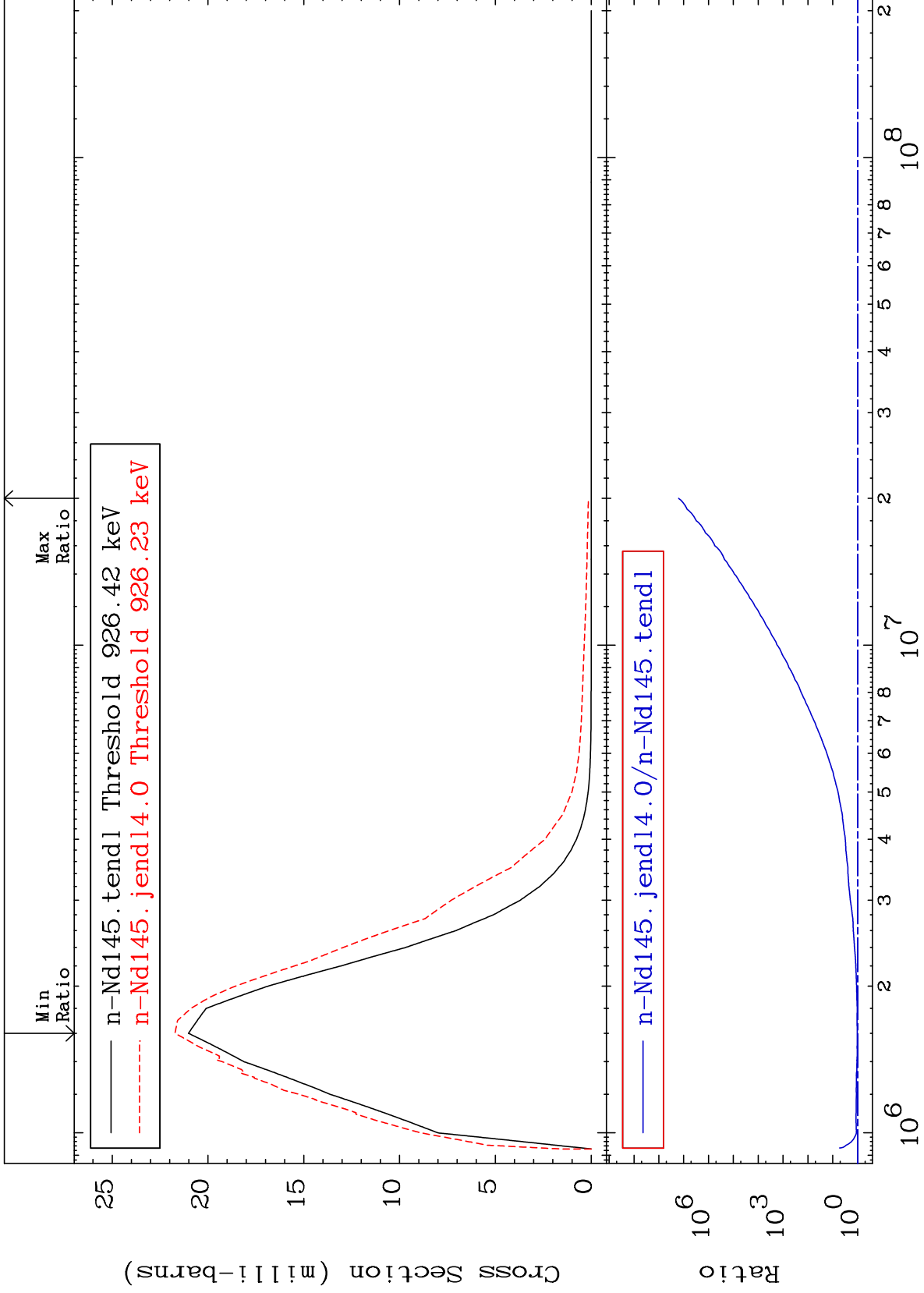
60-Nd-145



MAT 6034

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

60-Nd-145  
3.344 To 9999. %



17

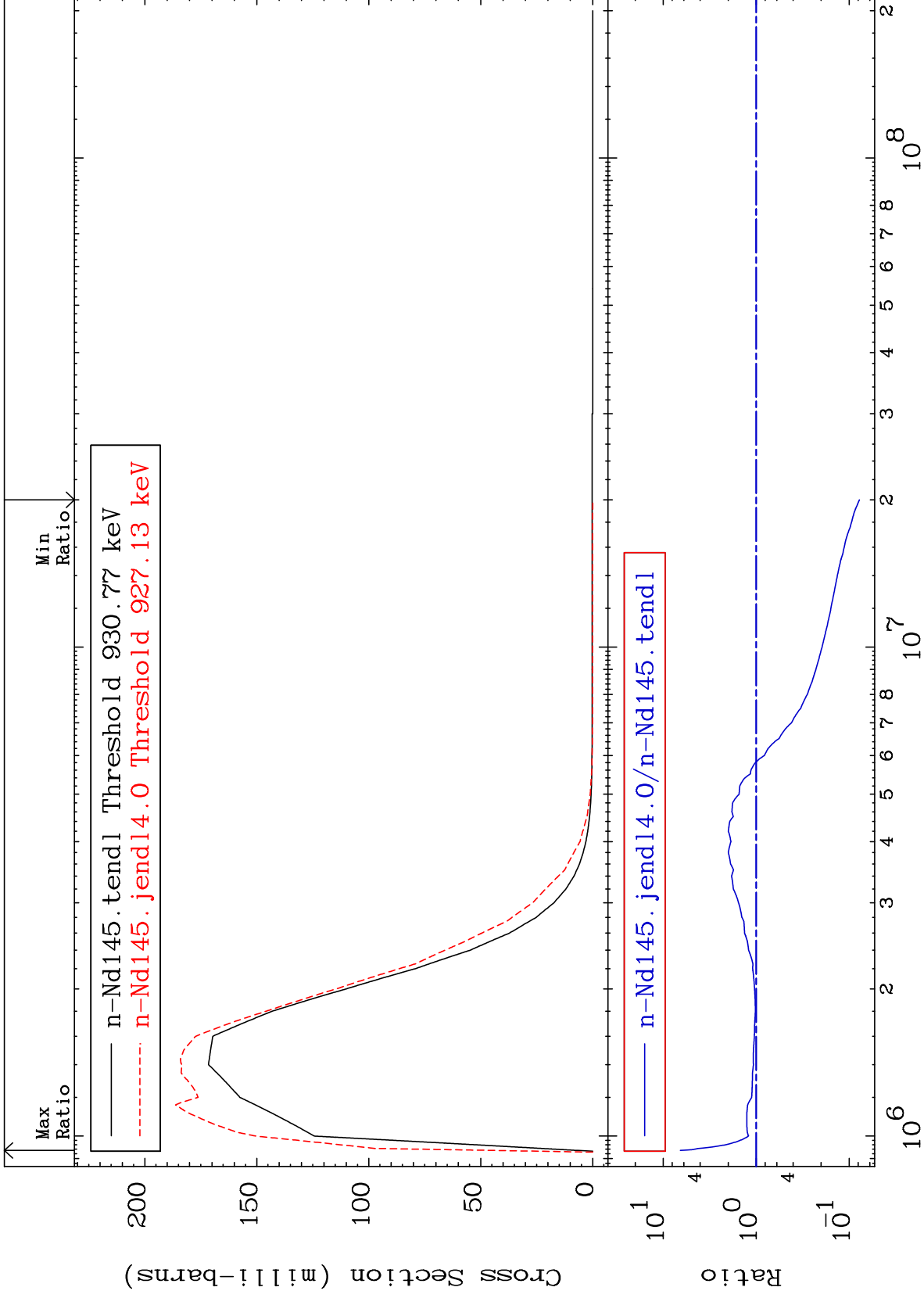
Incident Energy (eV)

60-Nd-145

MAT 6034

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

60-Nd-145  
-92.25 To 554.2 %



18

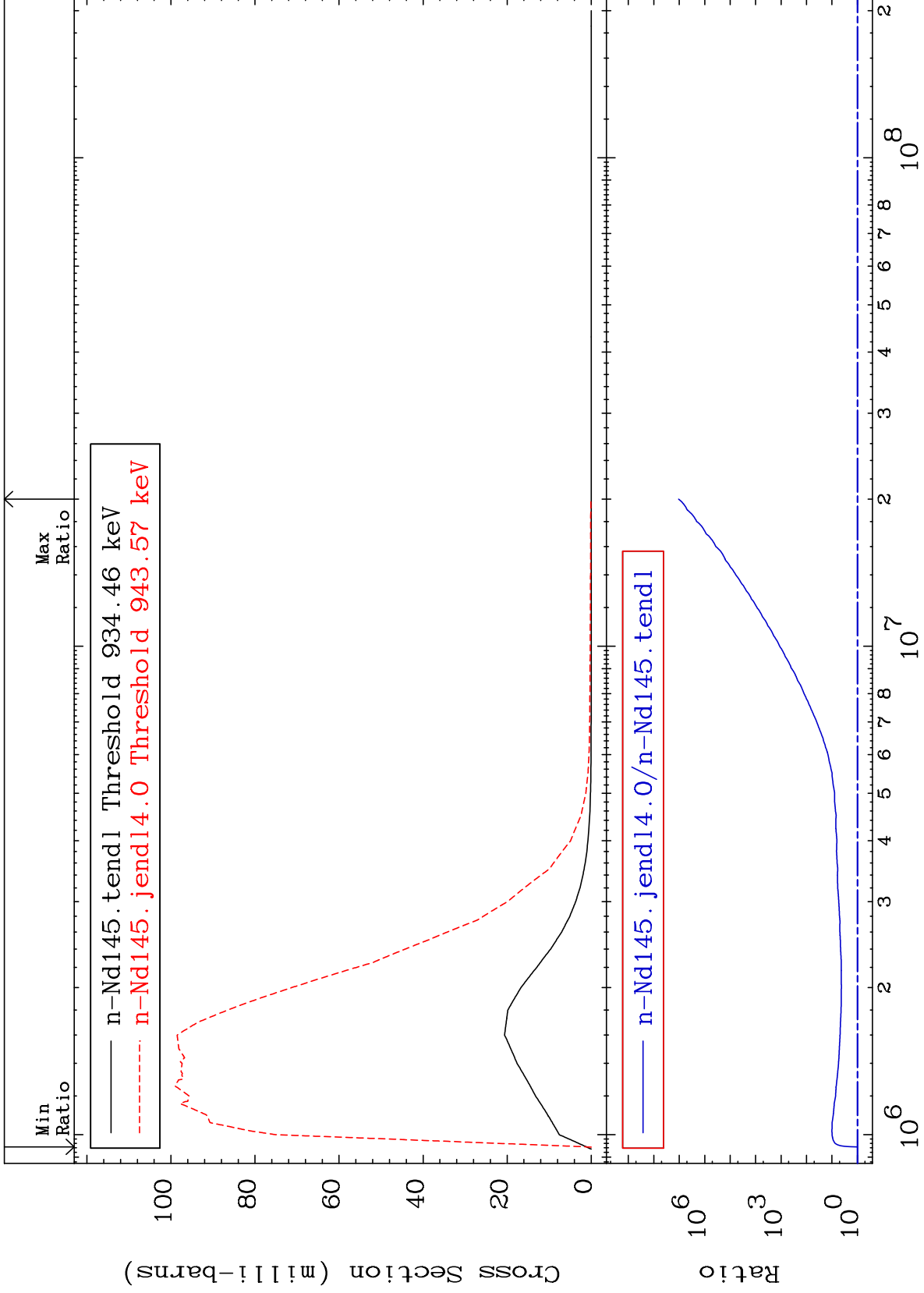
Incident Energy (eV)

60-Nd-145

MAT 6034

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

60-Nd-145  
1.218 To 9999. %



19

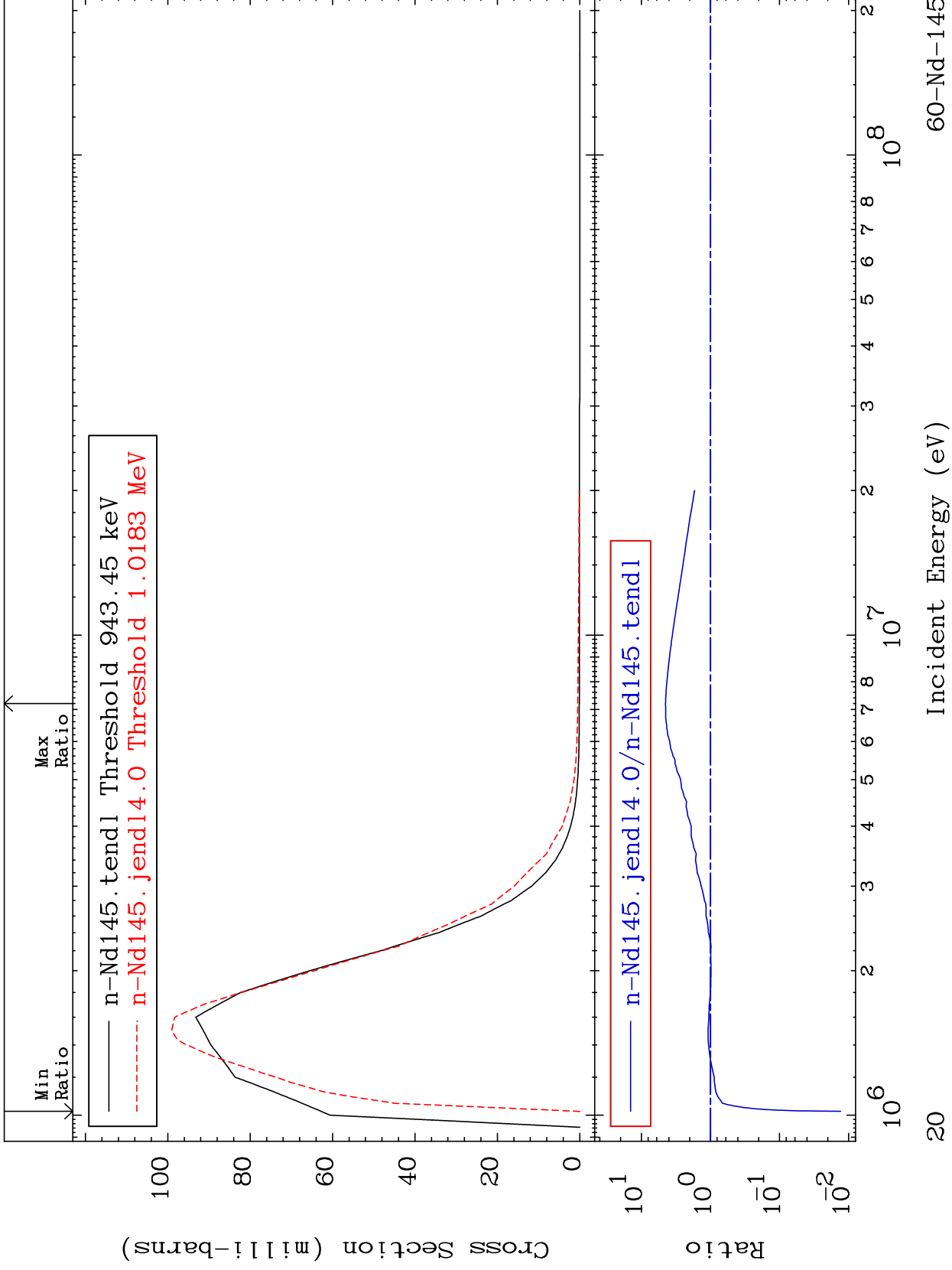
Incident Energy (eV)

60-Nd-145

MAT 6034

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

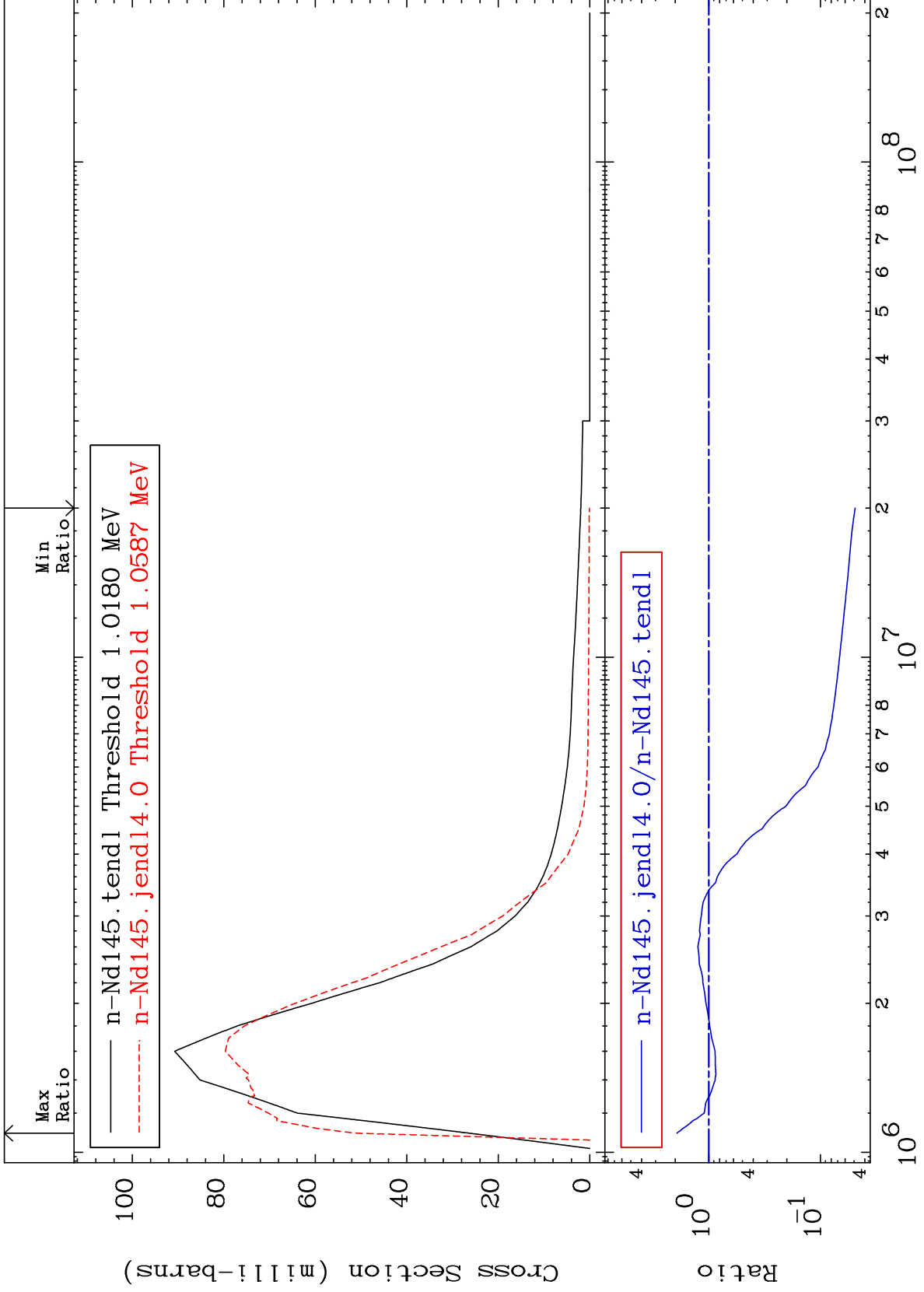
60-Nd-145  
-98.69 To 347.0 %



MAT 6034

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

60-Nd-145  
-95.11 To 92.87 %



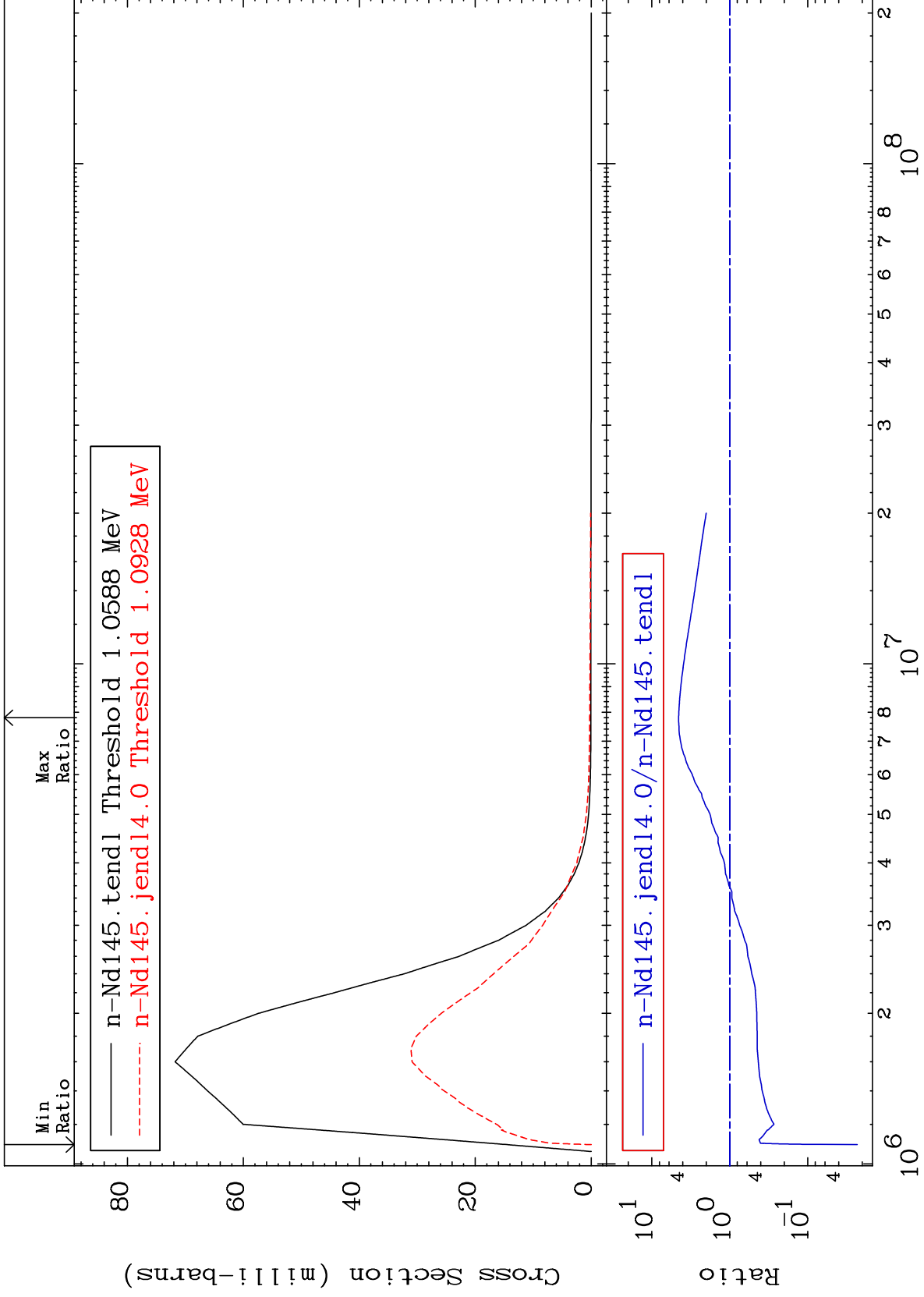
21

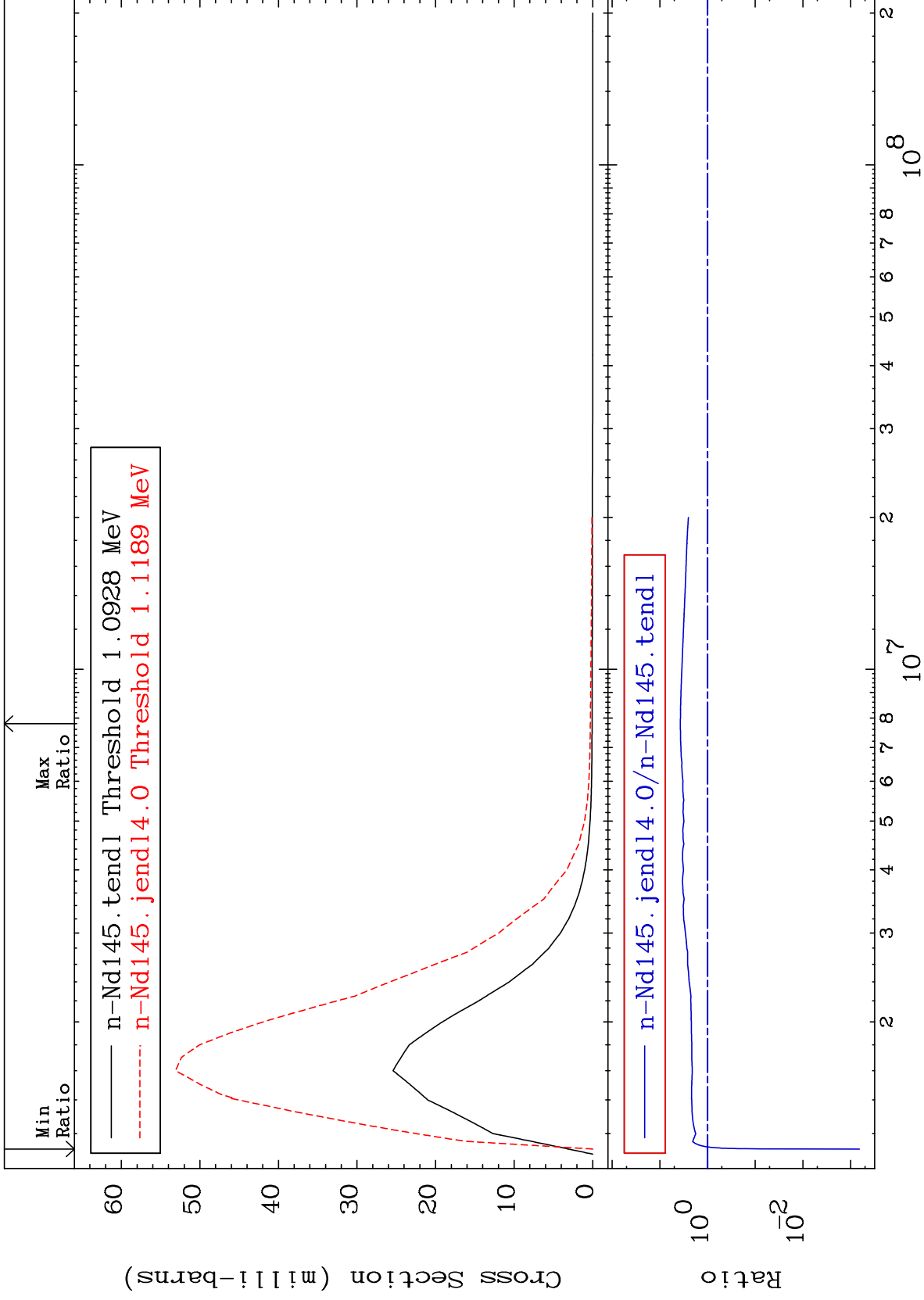
60-Nd-145

MAT 6034

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

60-Nd-145  
-97.68 To 352.9 %

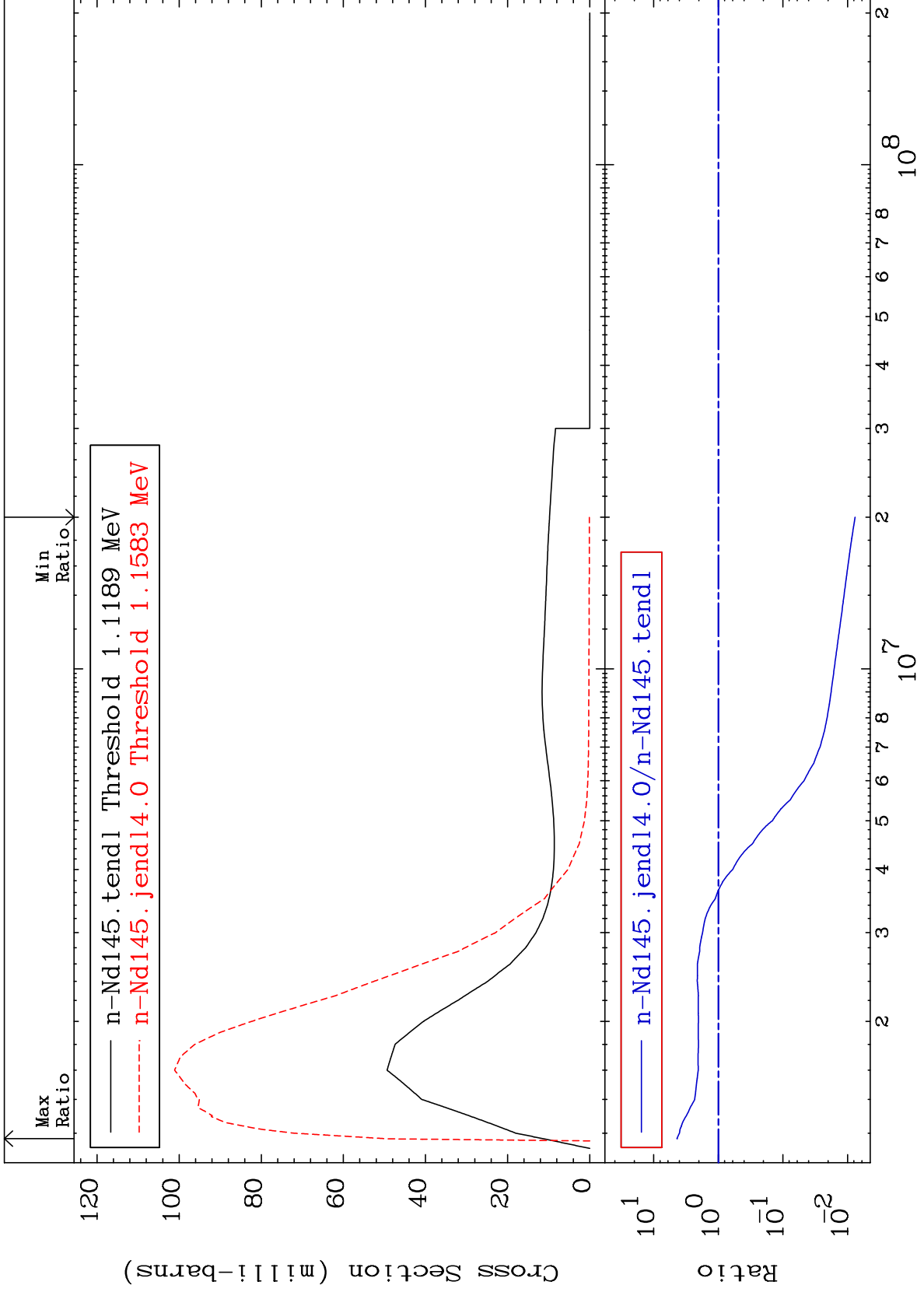




MAT 6034

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

60-Nd-145  
-99.24 To 337.4 %

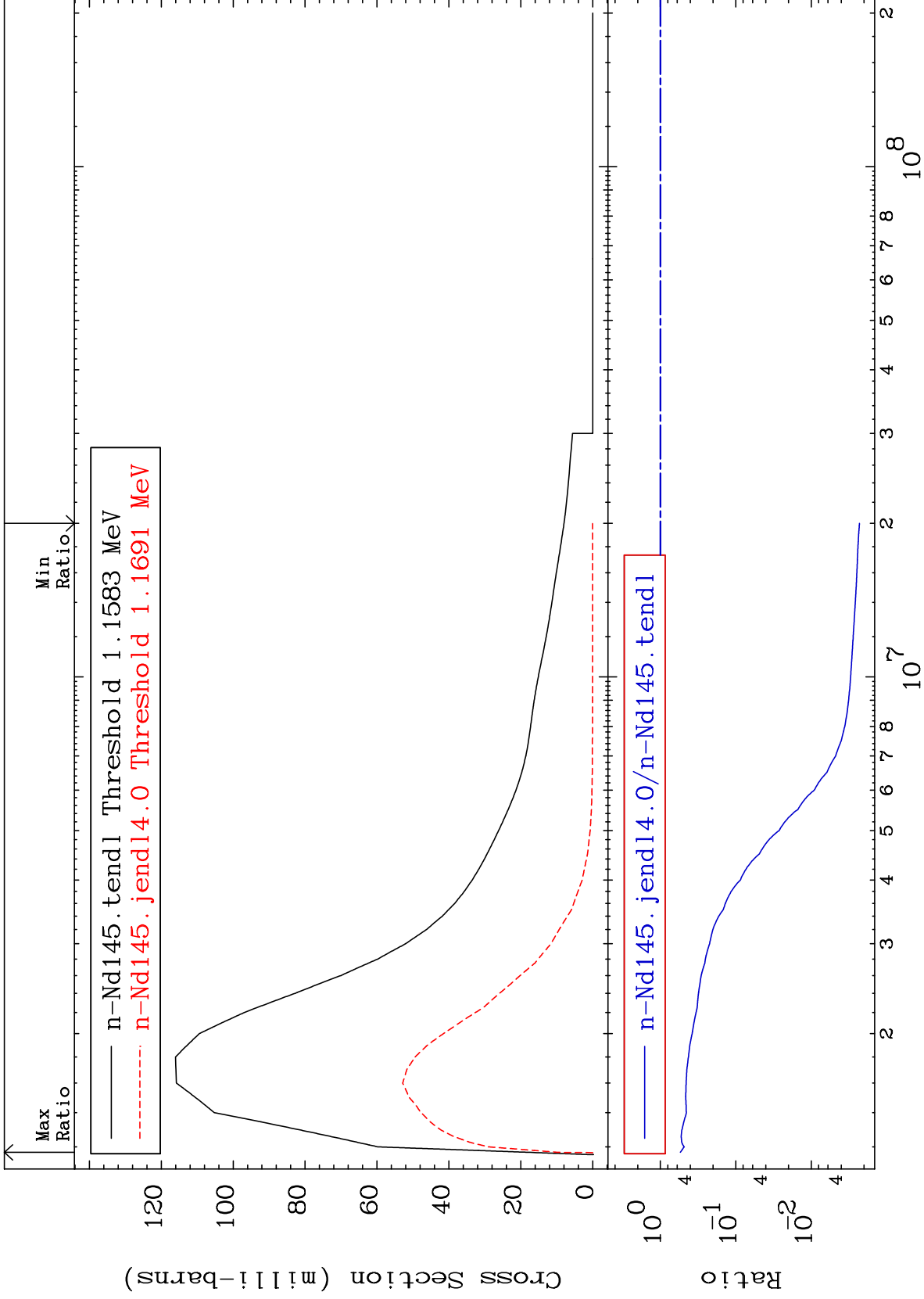




MAT 6034

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

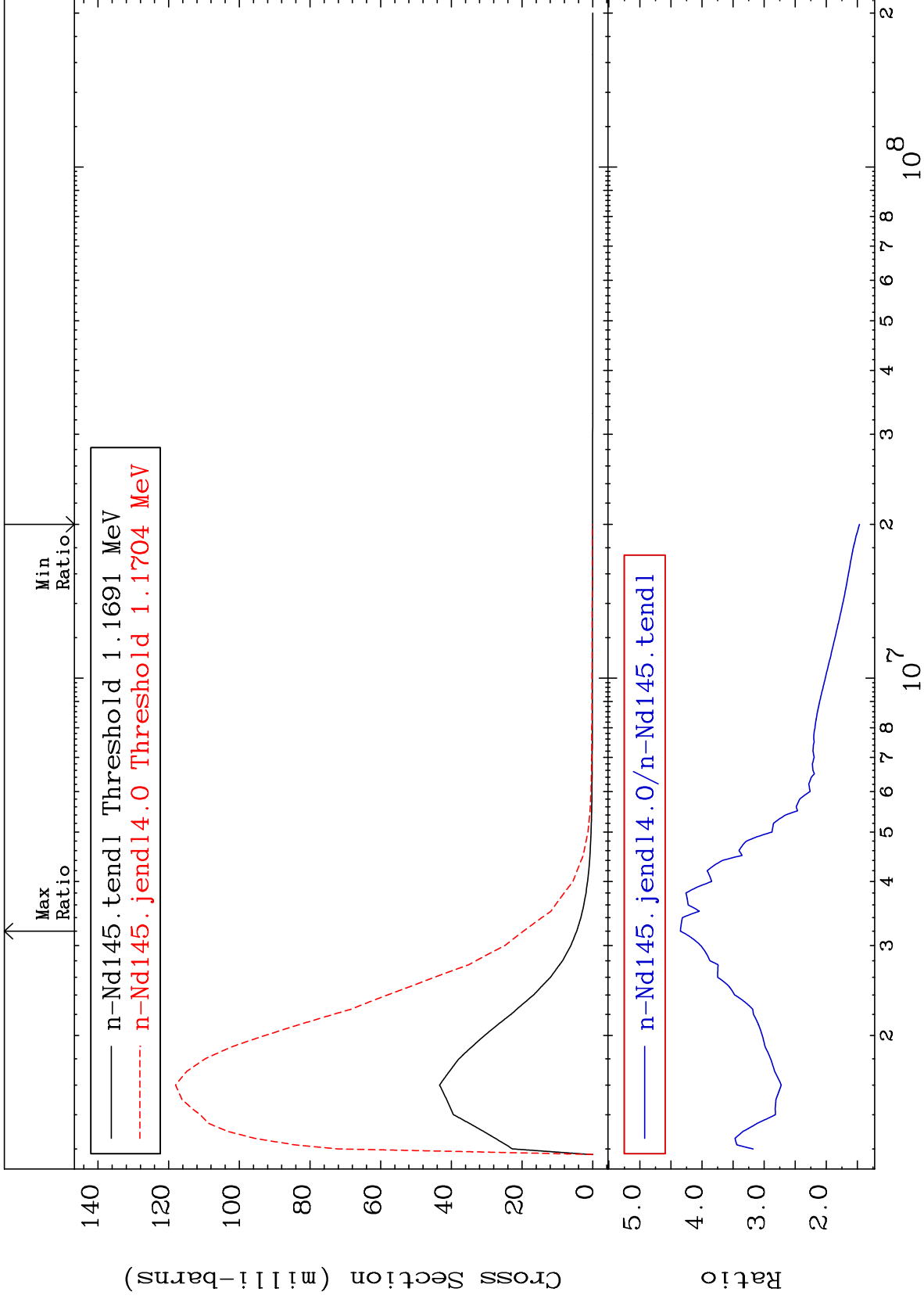
60-Nd-145  
-99.77 To -45.63%



MAT 6034

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

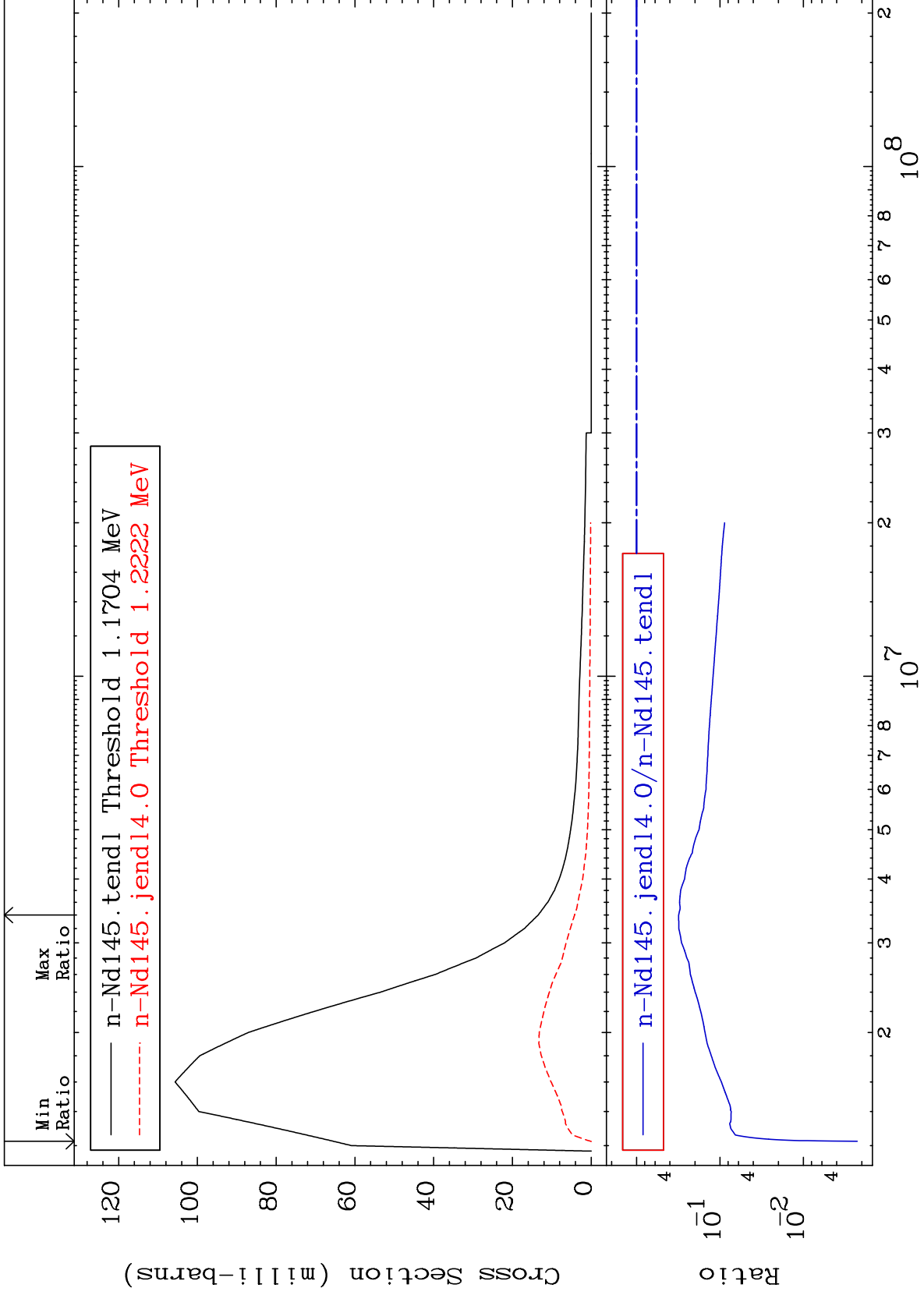
60-Nd-145  
46.74 To 334.9 %



MAT 6034

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

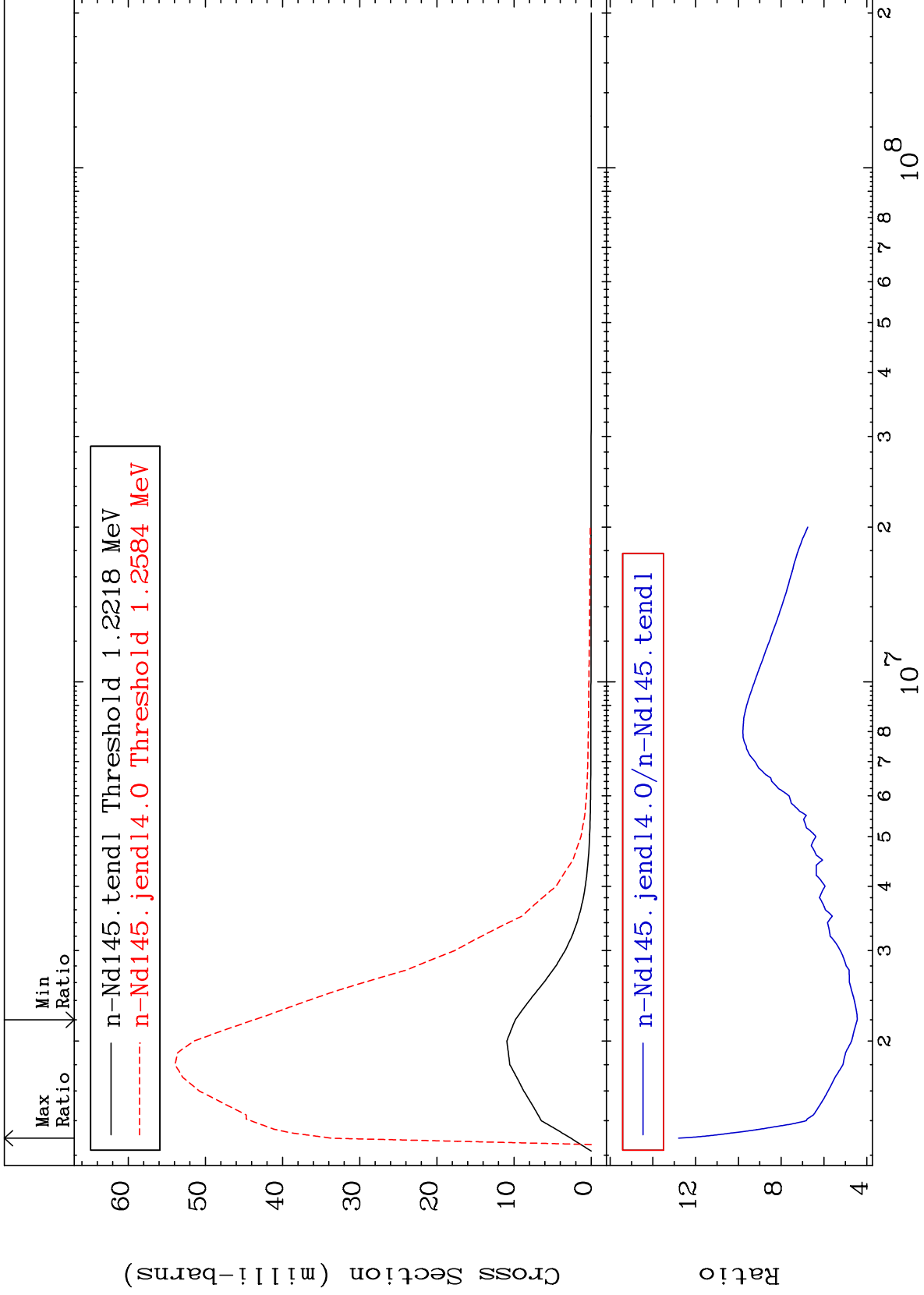
60-Nd-145  
-99.77 To -68.64%



MAT 6034

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

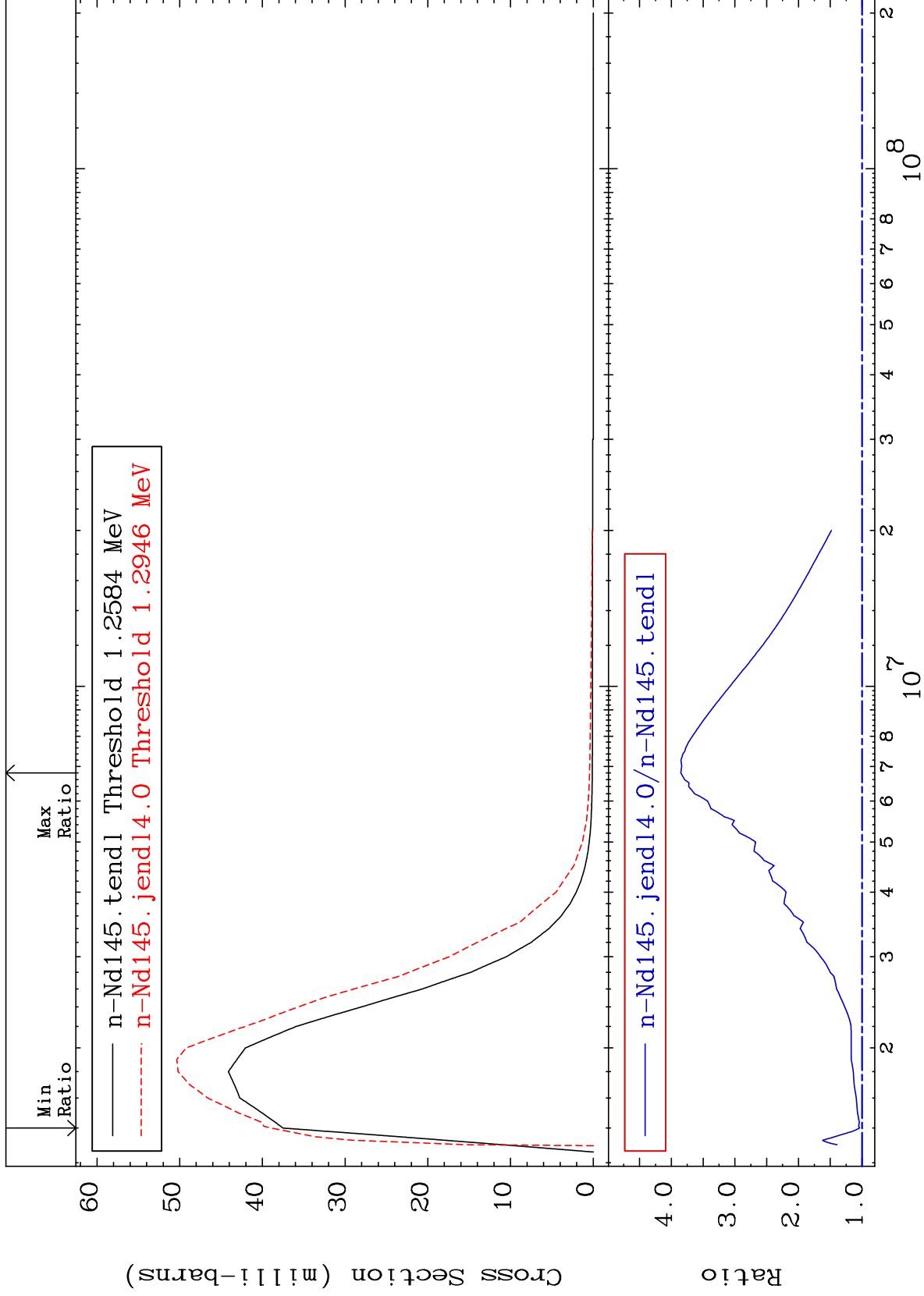
60-Nd-145  
344.3 To 1180. %



MAT 6034

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

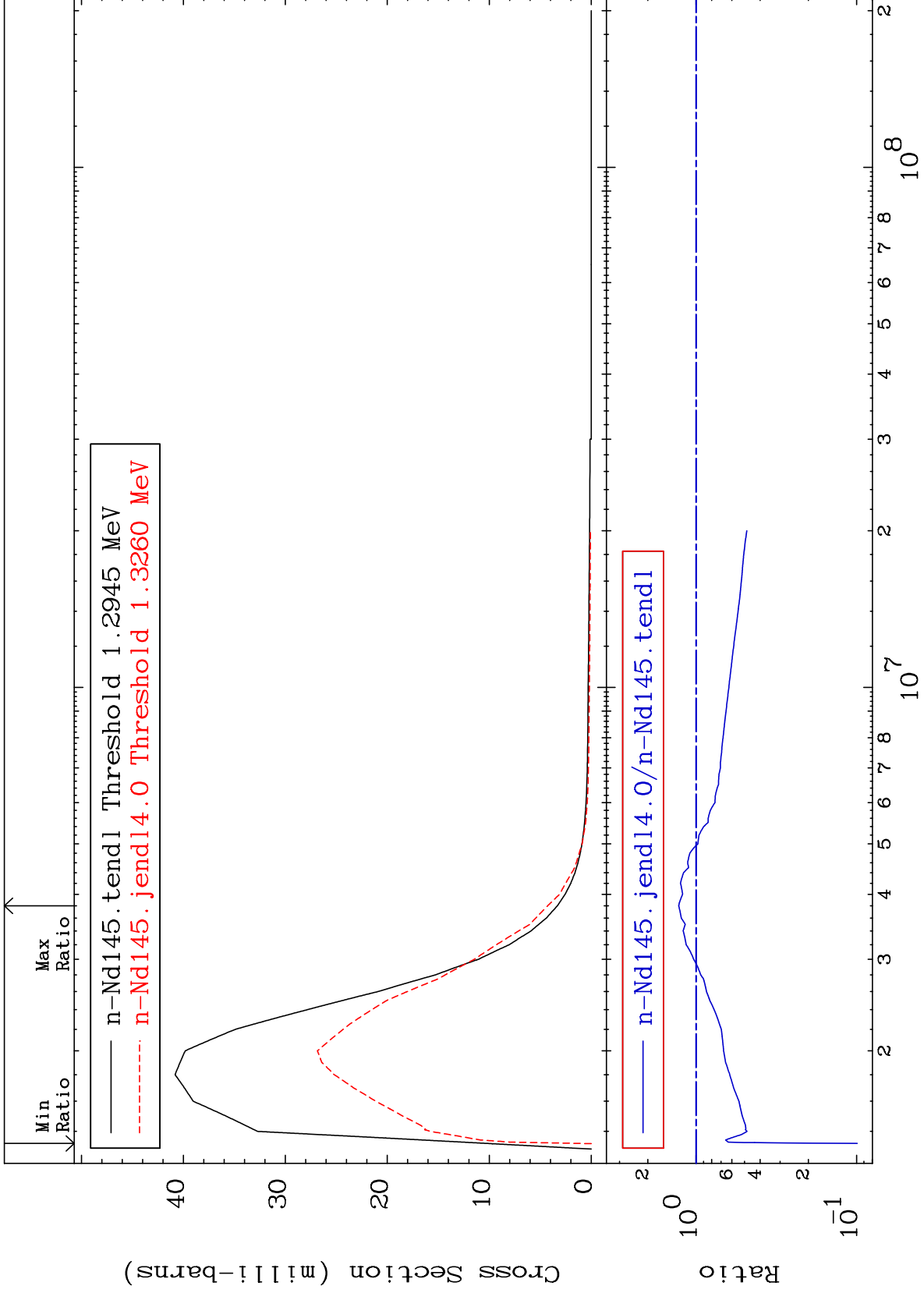
60-Nd-145  
3.922 To 285.2 %



MAT 6034

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

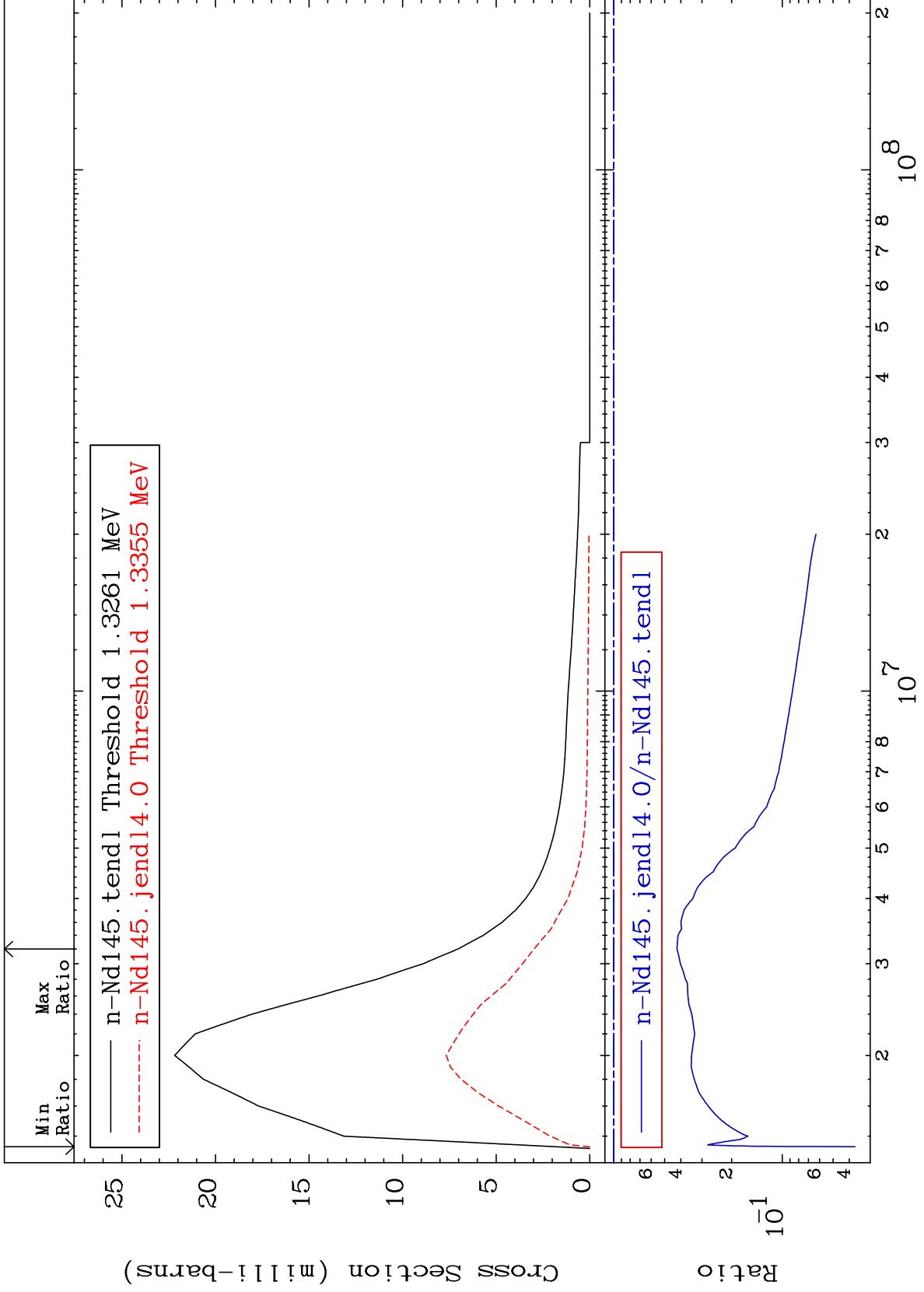
60-Nd-145  
-90.09 To 28.56 %

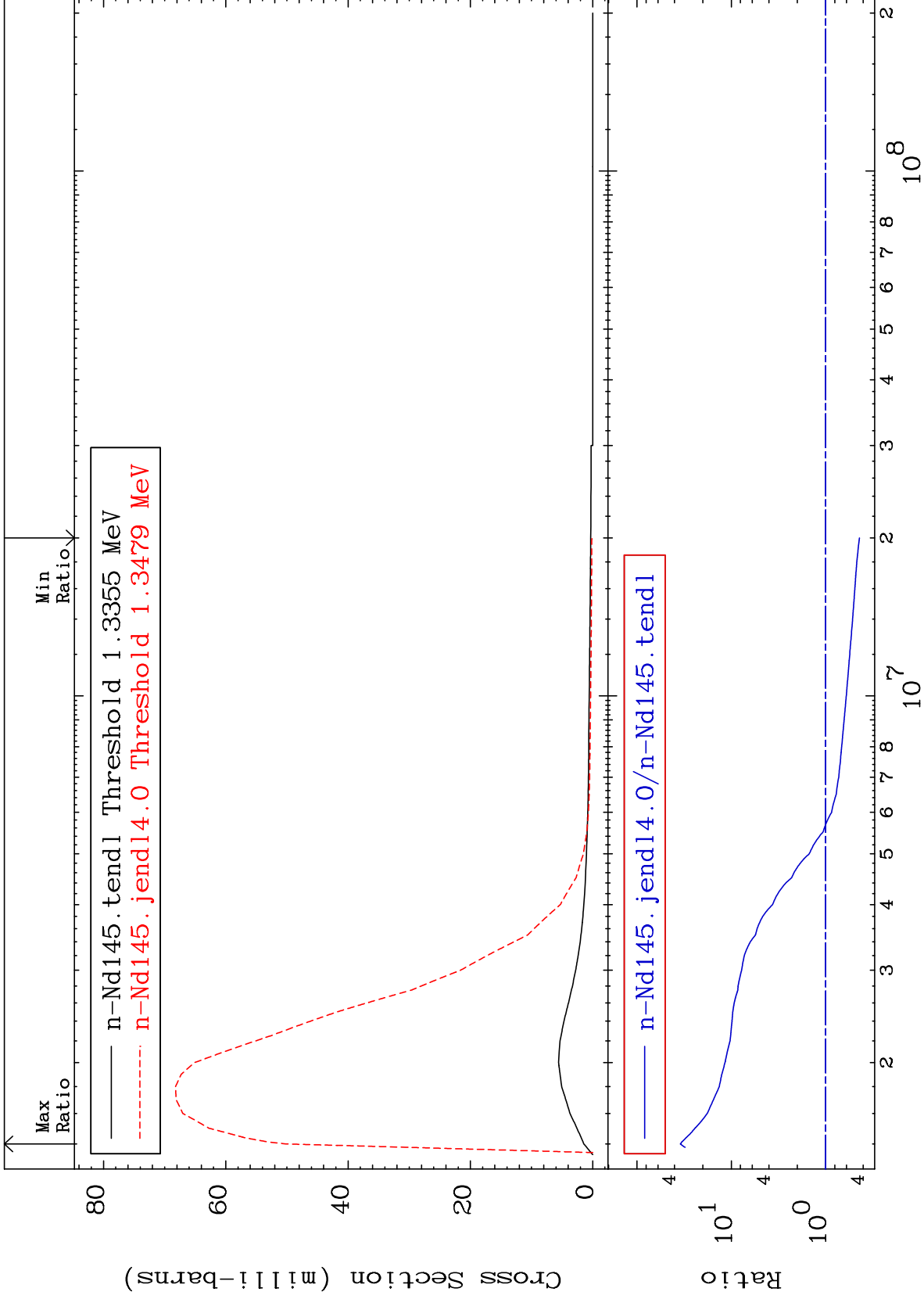


MAT 6034

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

60-Nd-145  
-96.30 To -57.78%



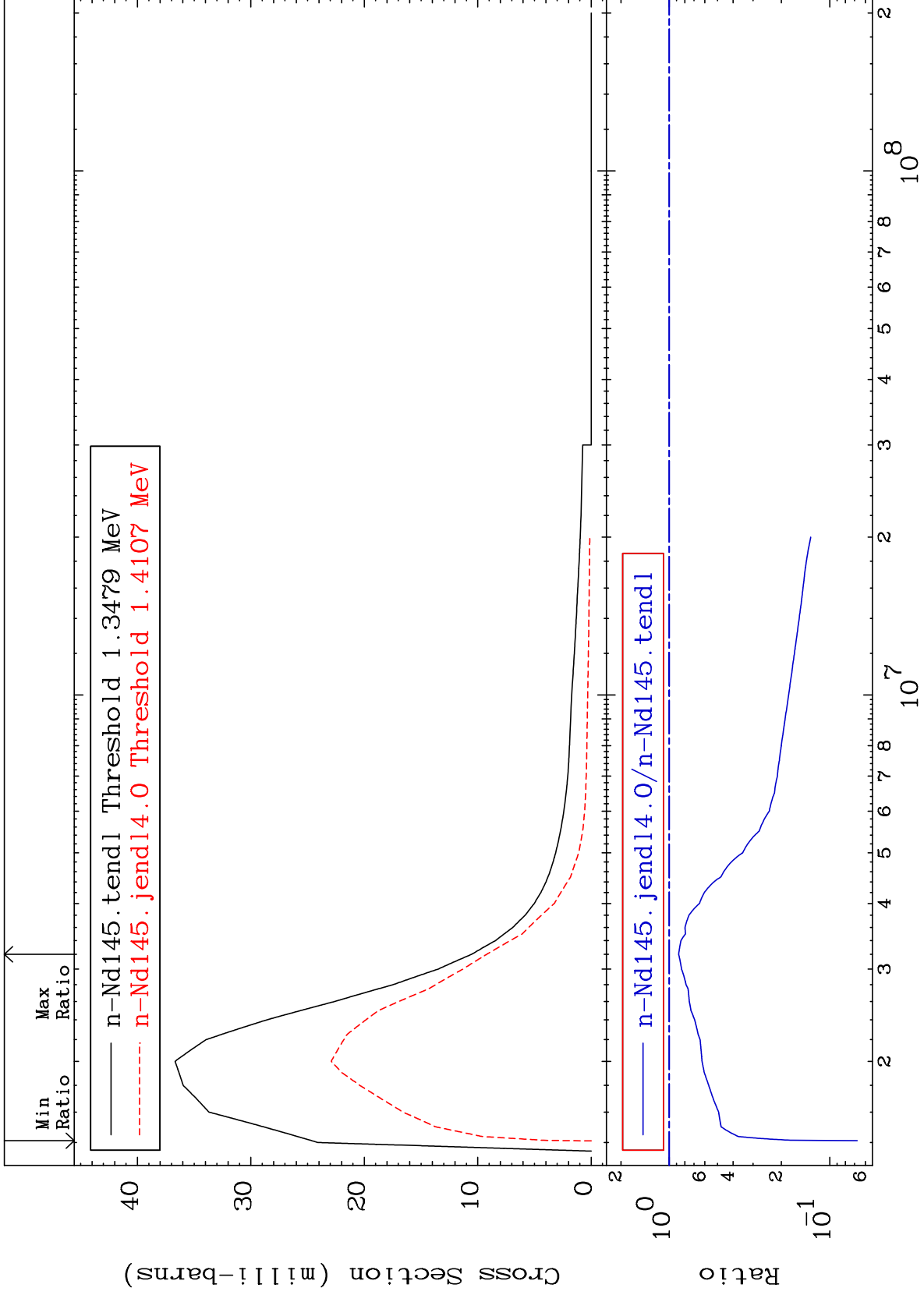




MAT 6034

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

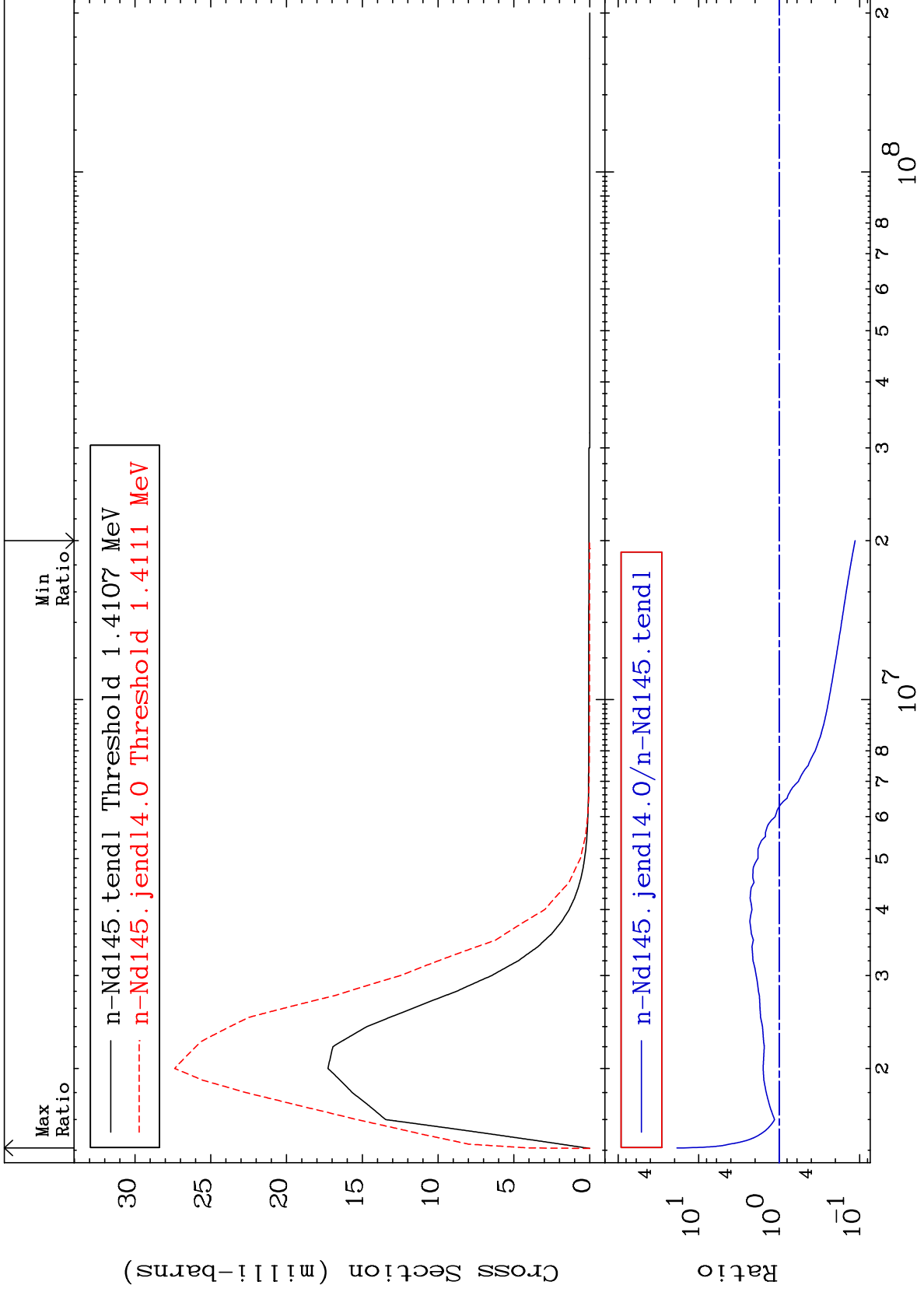
60-Nd-145  
-93.26 To -12.64%



MAT 6034

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

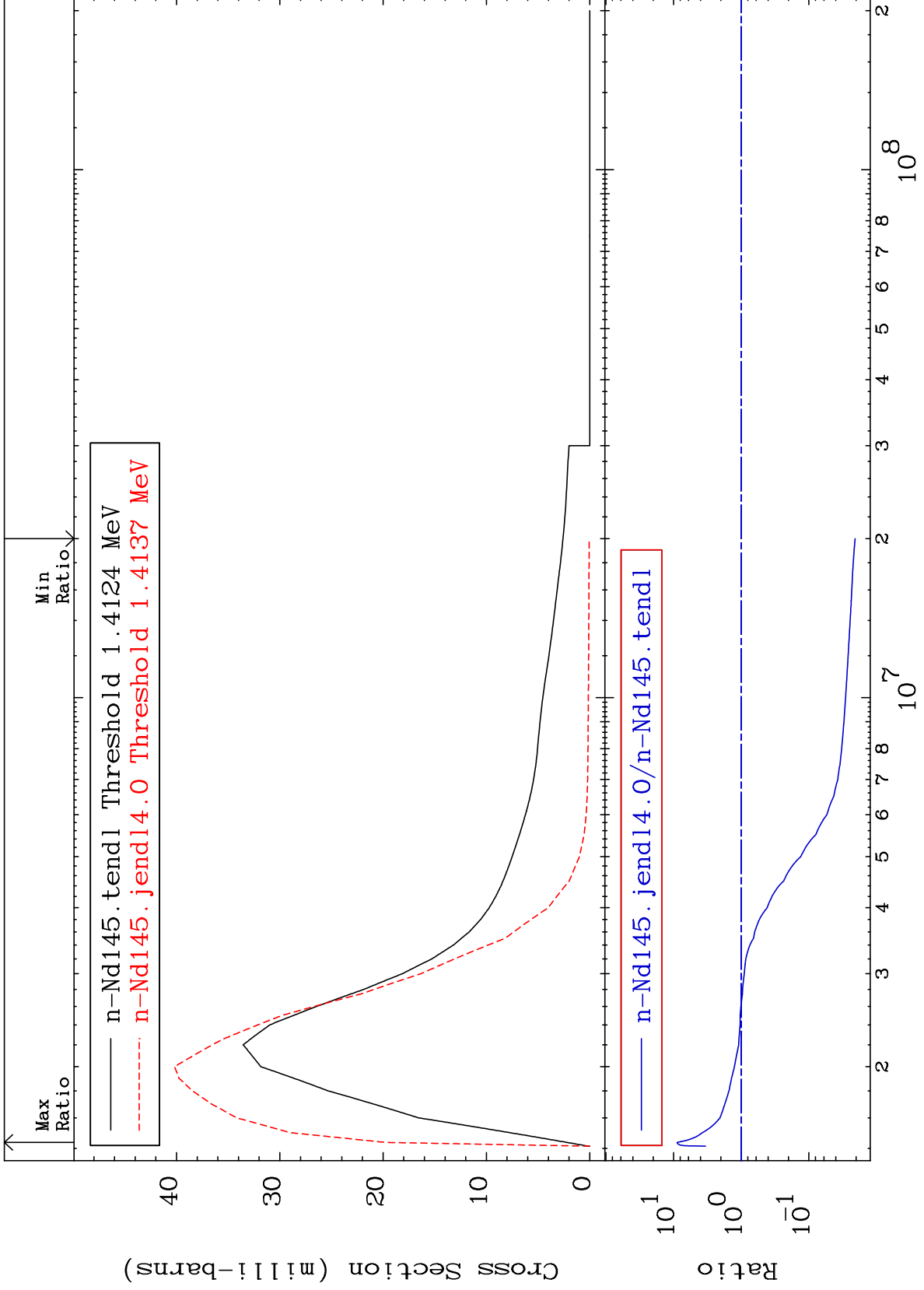
60-Nd-145  
-88.59 To 1767. %



MAT 6034

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

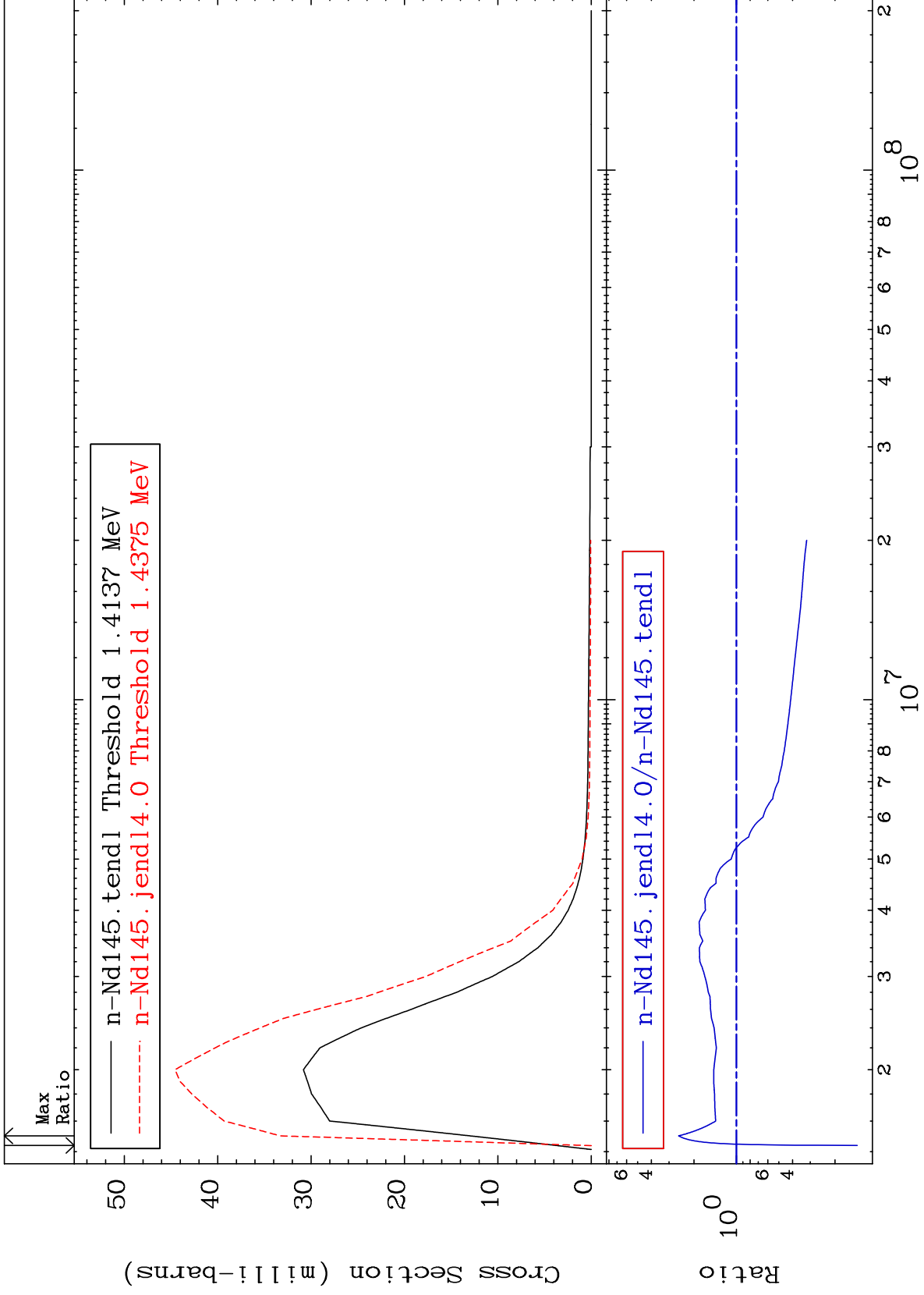
60-Nd-145  
-97.93 To 791.6 %



MAT 6034

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

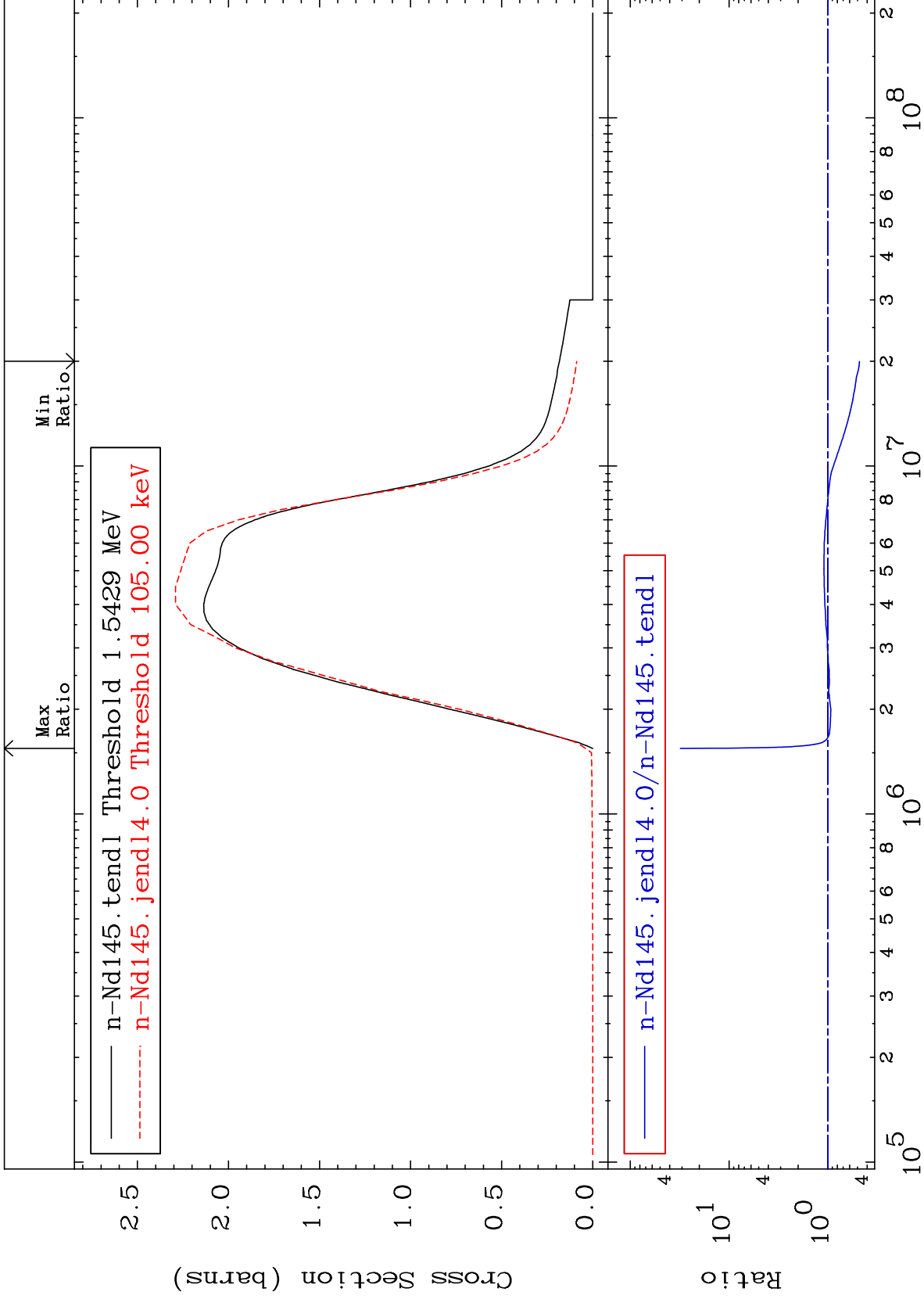
60-Nd-145  
-86.07 To 156.5 %



MAT 6034

(n, n') Continuum  
Cross Section

60-Nd-145  
-52.15 To 3015. %



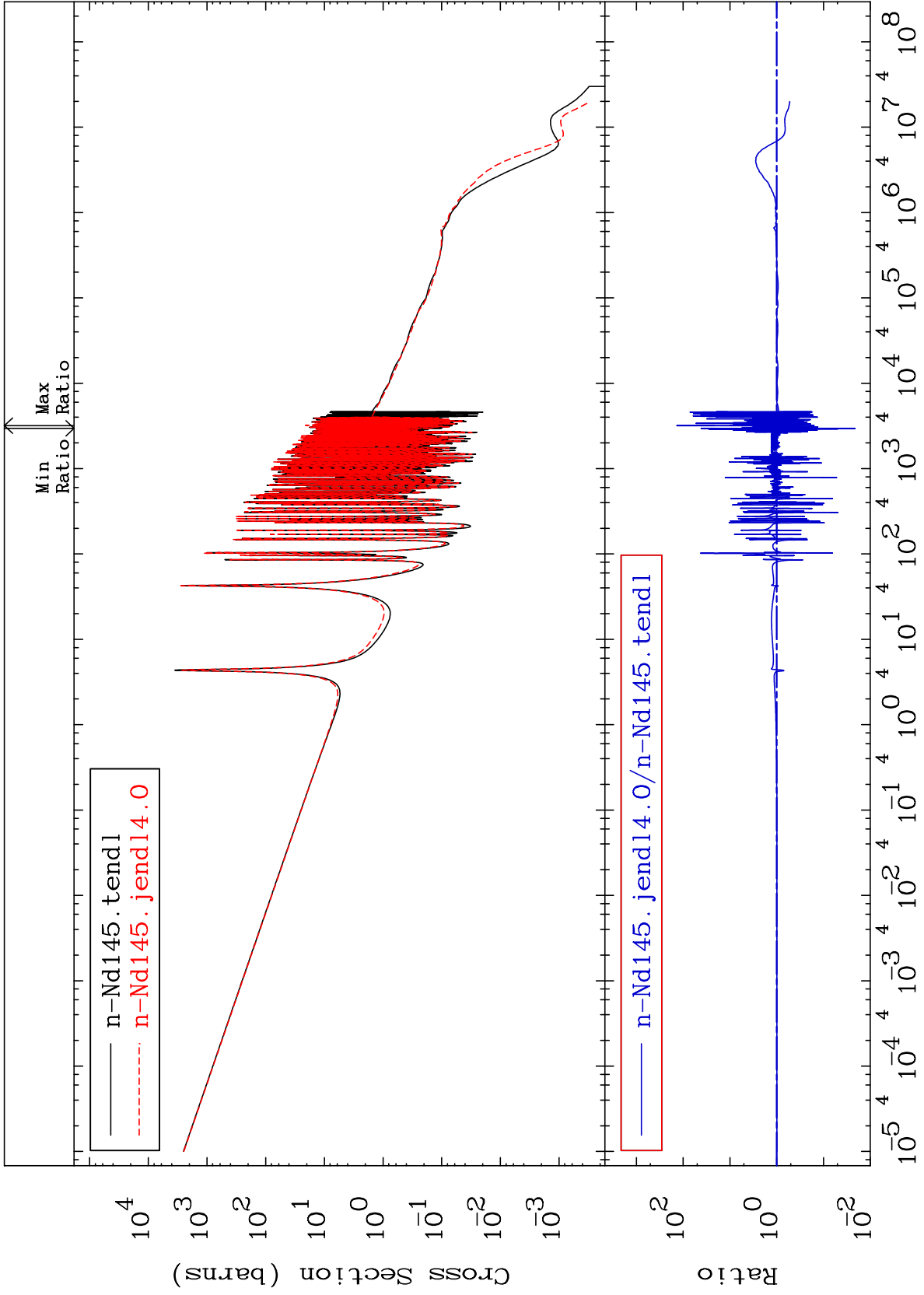
37

60-Nd-145

MAT 6034

(n,  $\gamma$ )  
Cross Section

60-Nd-145  
-97.89 To 9999. %



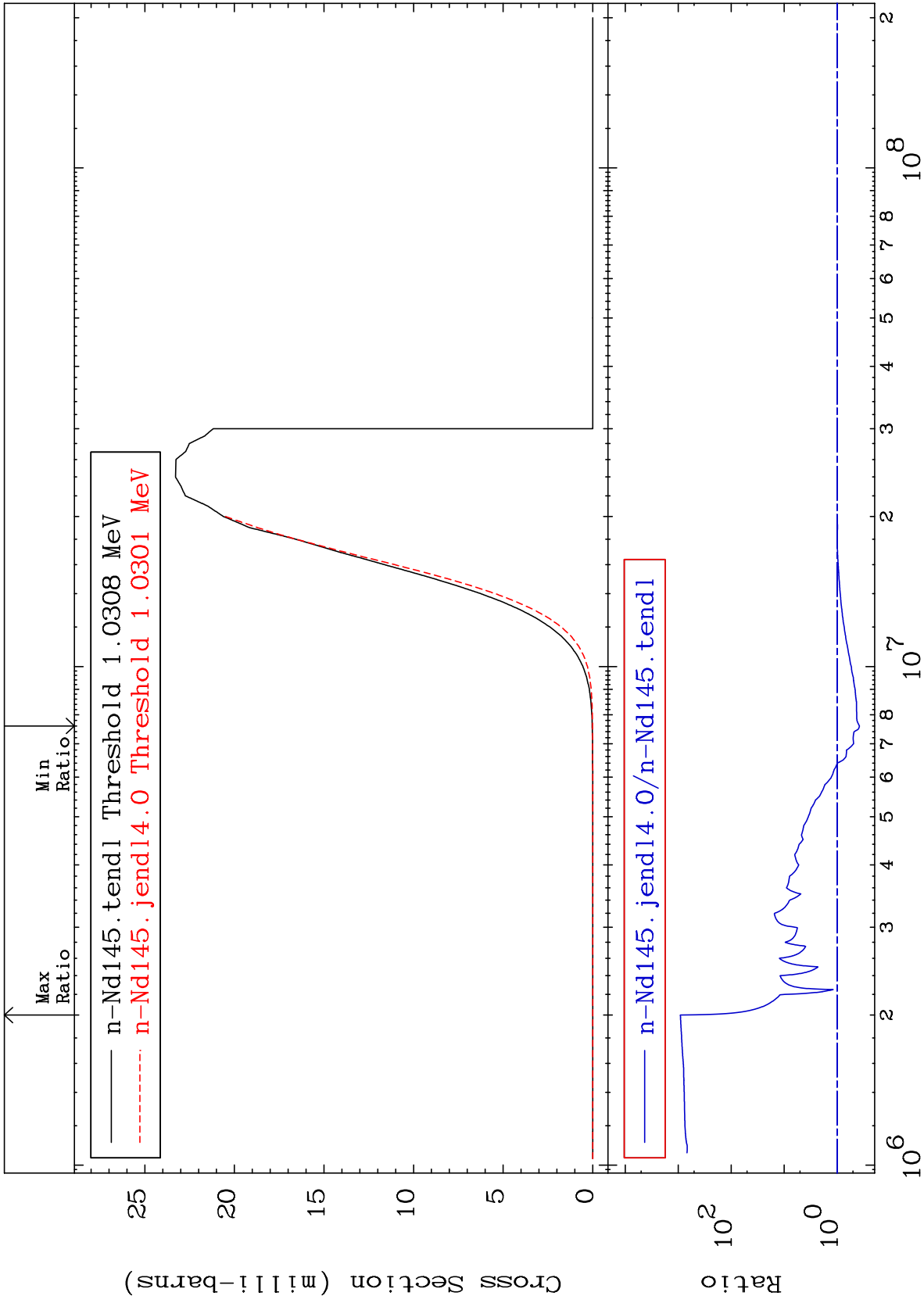
MAT 6034

(n,p)

60-Nd-145

Cross Section

-62.24 To 9999. %



39

Incident Energy (eV)

60-Nd-145

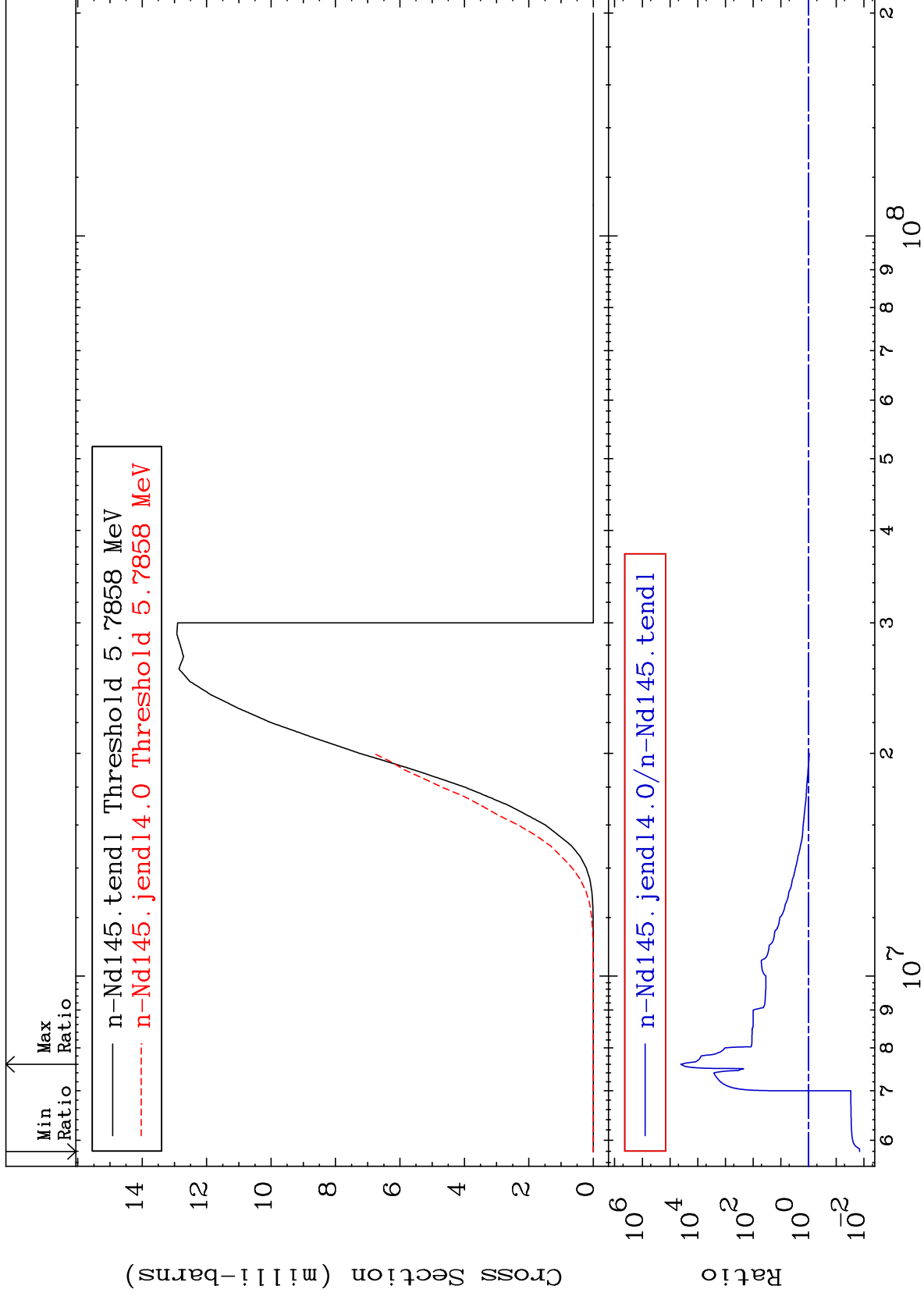
MAT 6034

(n, d)

60-Nd-145

Cross Section

-98.55 To 9999. %



40

Incident Energy (eV)

60-Nd-145



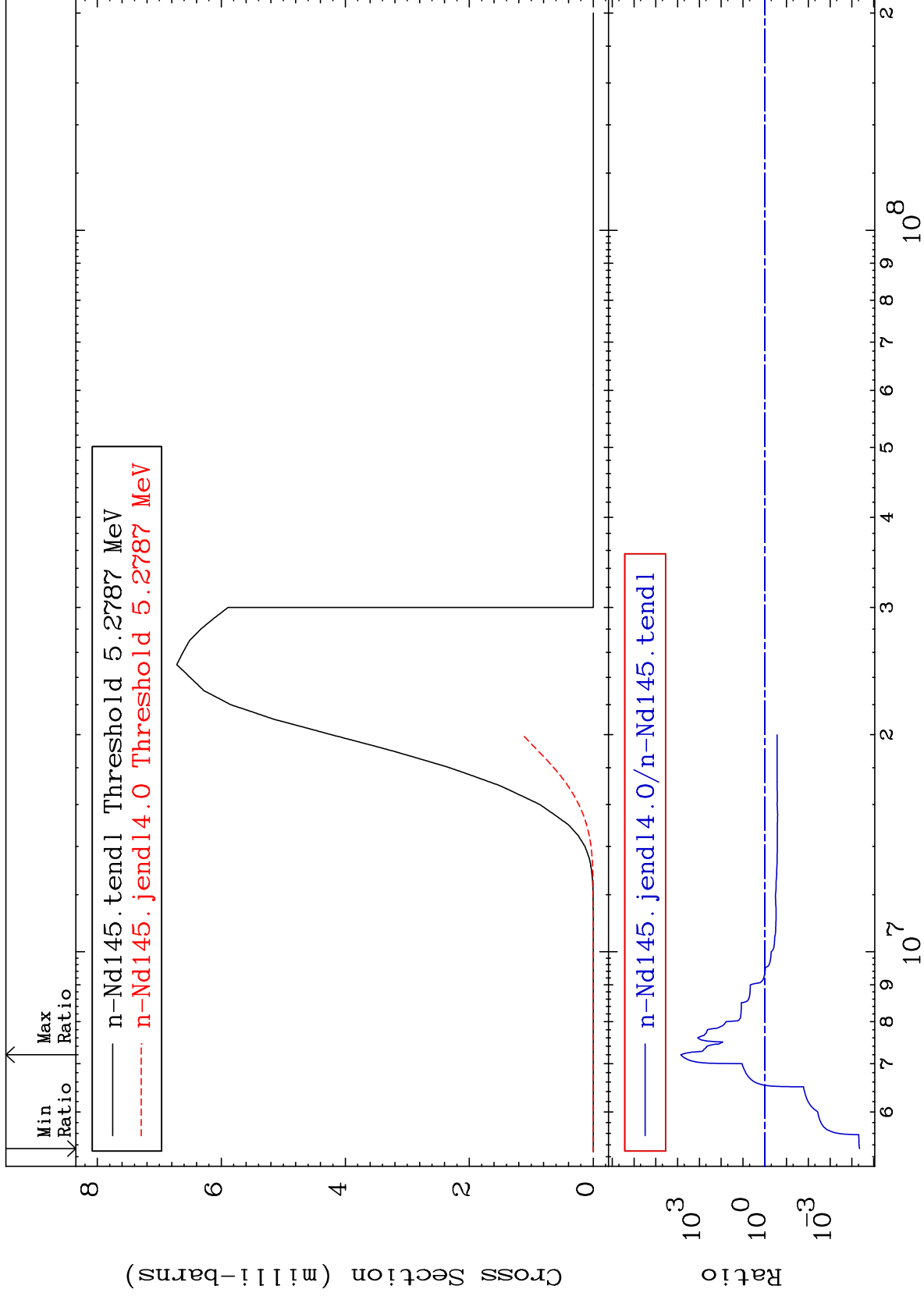
MAT 6034

(n, t)

60-Nd-145

Cross Section

-100.0 To 9999. %



41

60-Nd-145

60-Nd-145

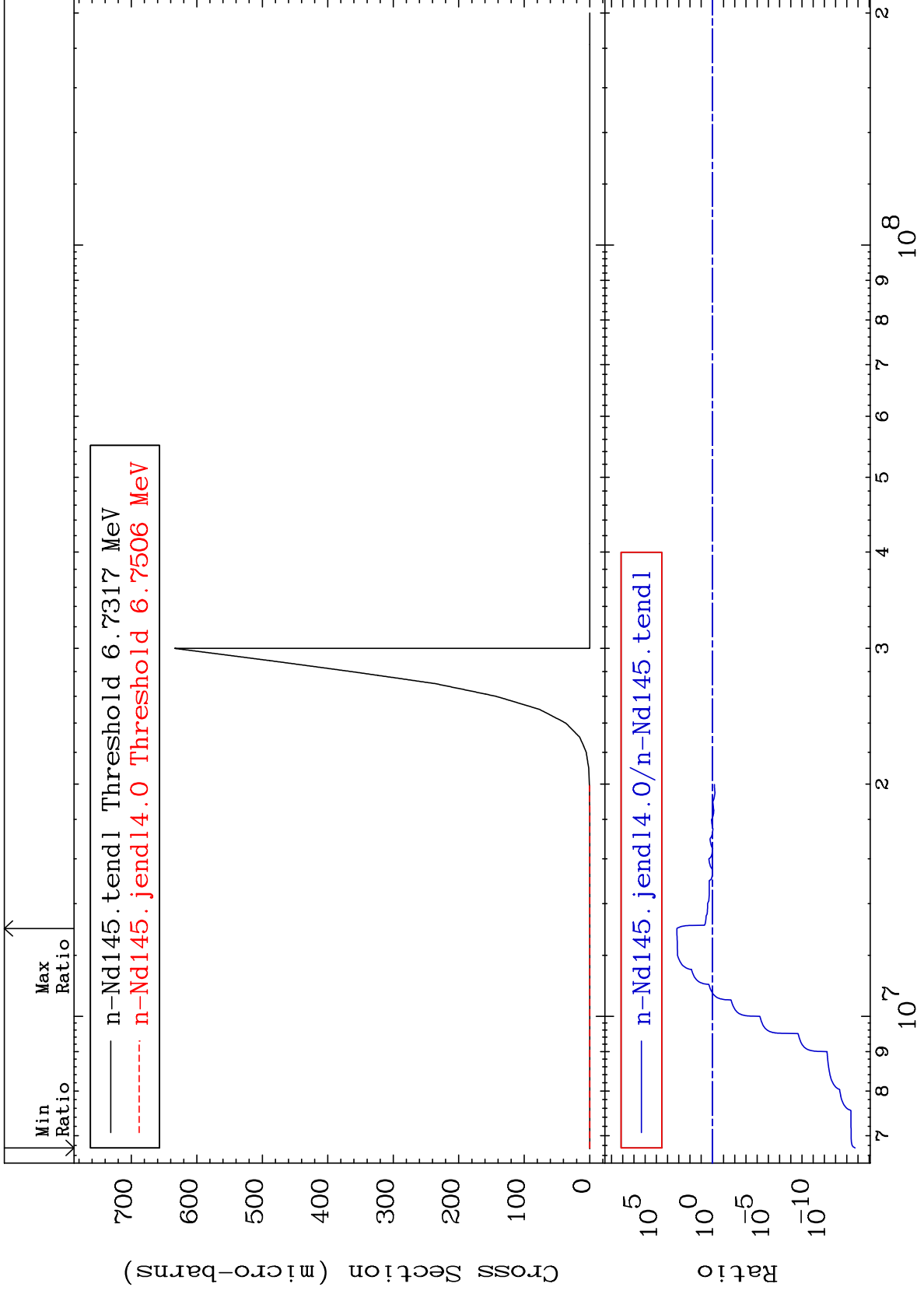
MAT 6034

(n, He-3)

60-Nd-145

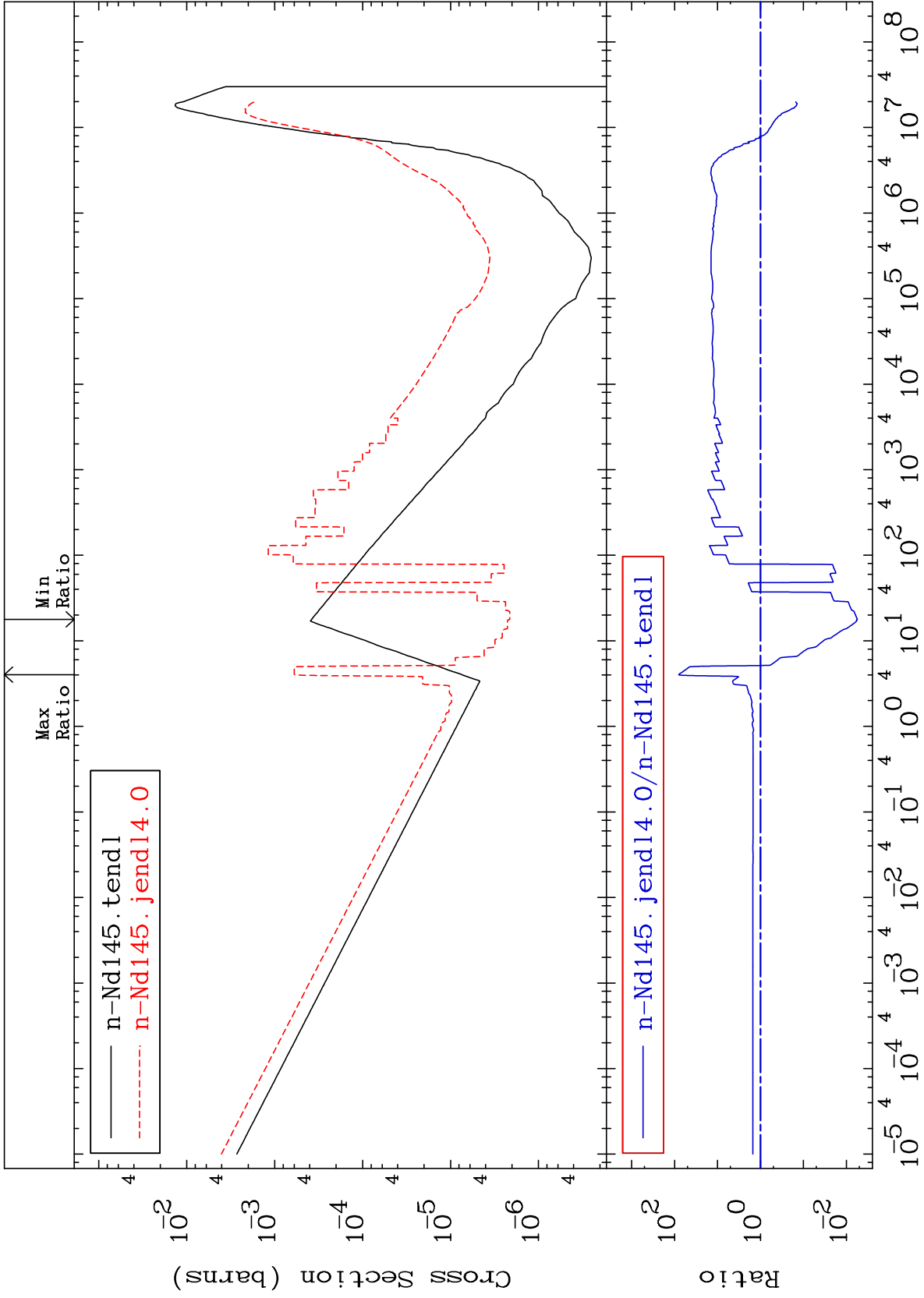
Cross Section

-100.0 To 9999. %



MAT 6034

(n,  $\alpha$ ) Cross Section  
60-Nd-145  
-99.44 To 7941. %

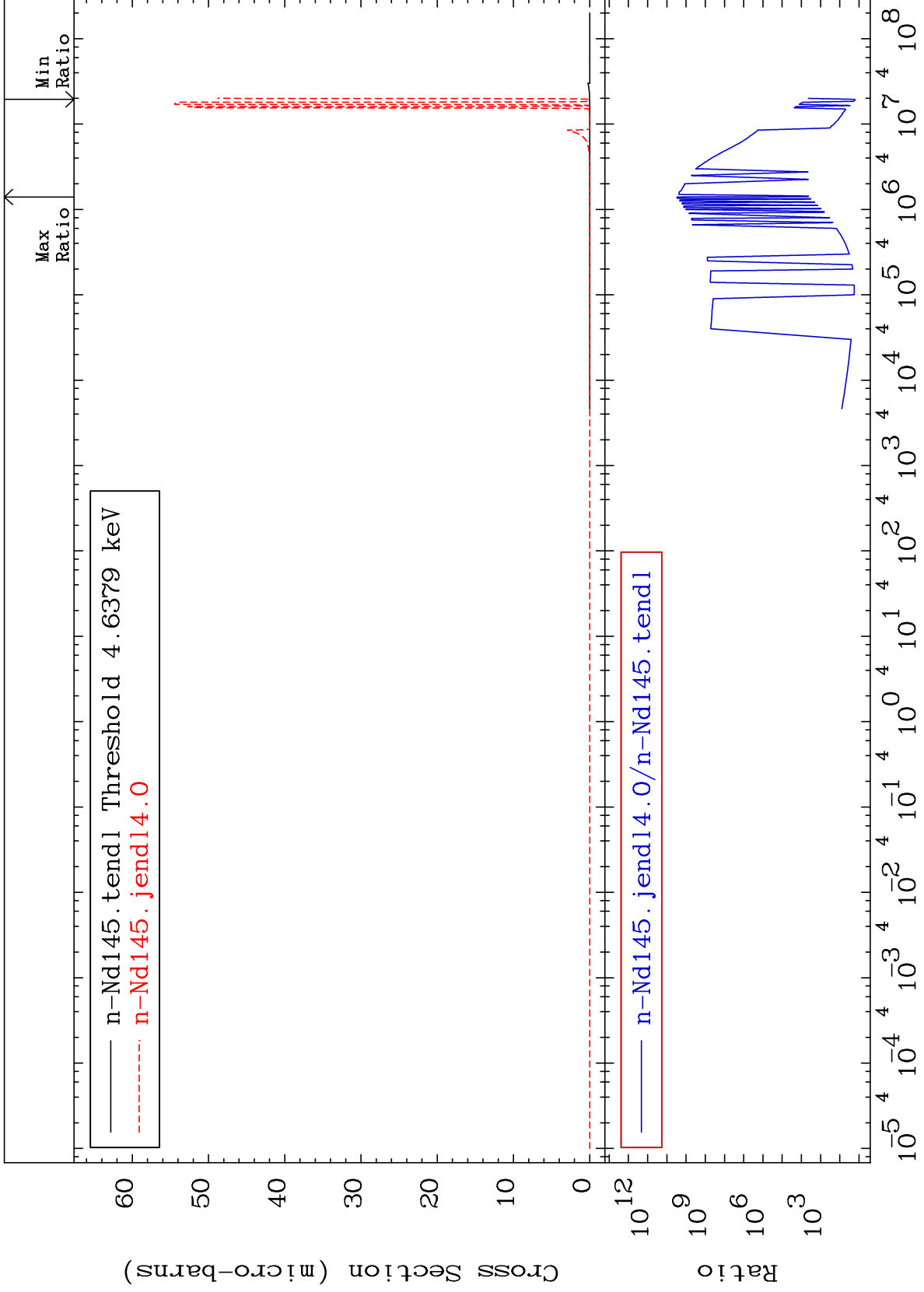


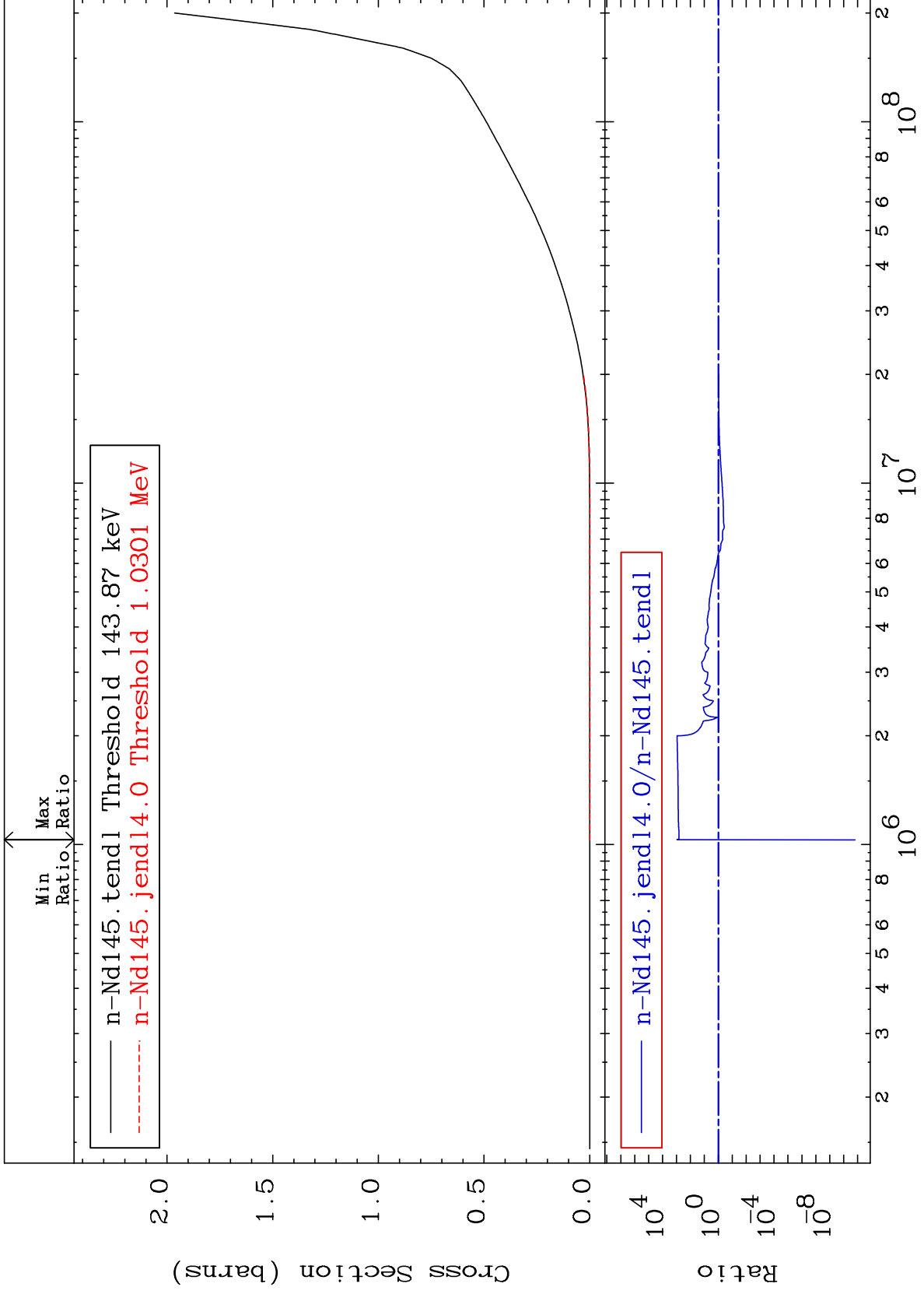
MAT 6034

(n,2α)

Cross Section

60-Nd-145  
1495. To 9999. %

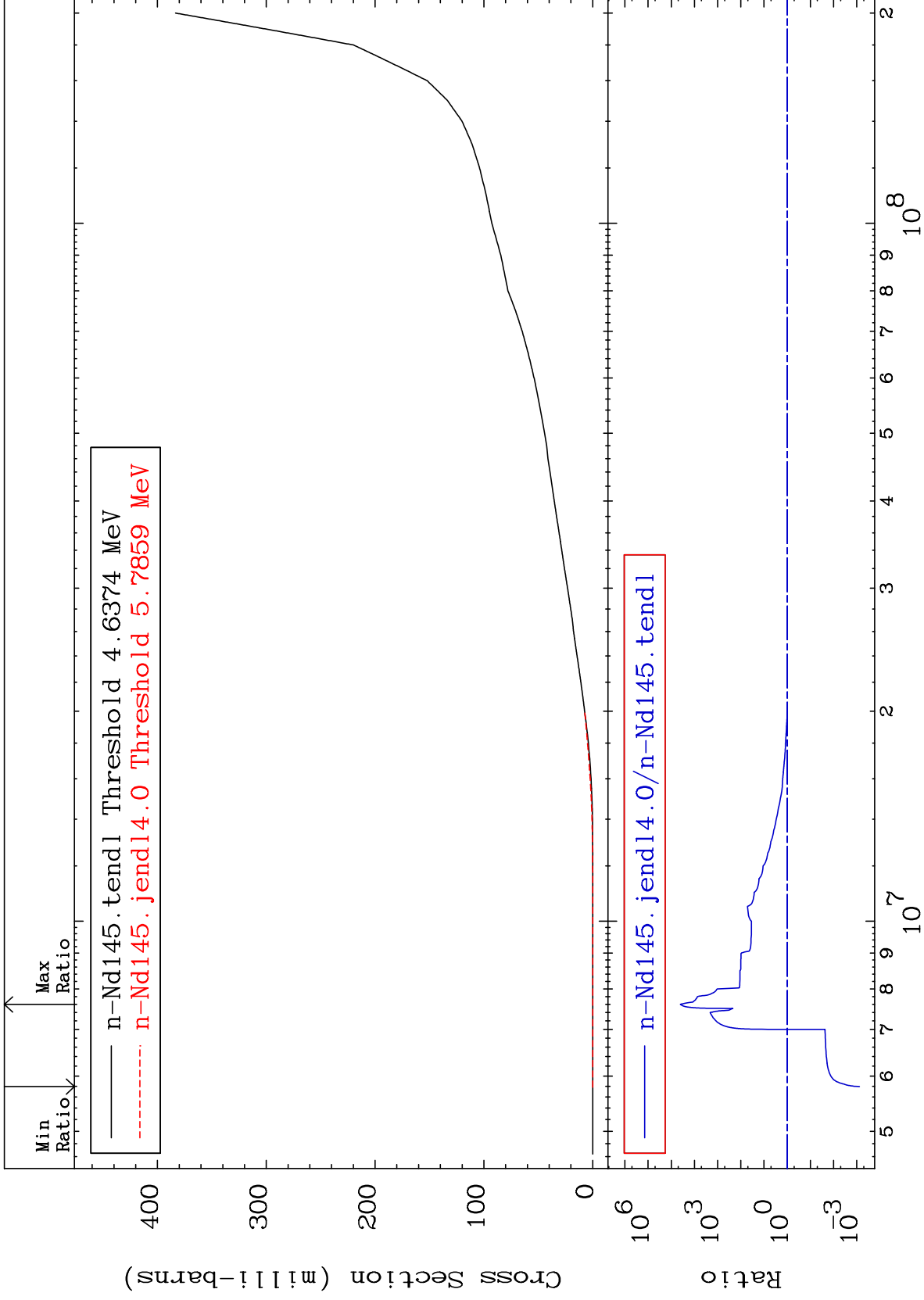




MAT 6034

Deuterium Production  
Cross Section

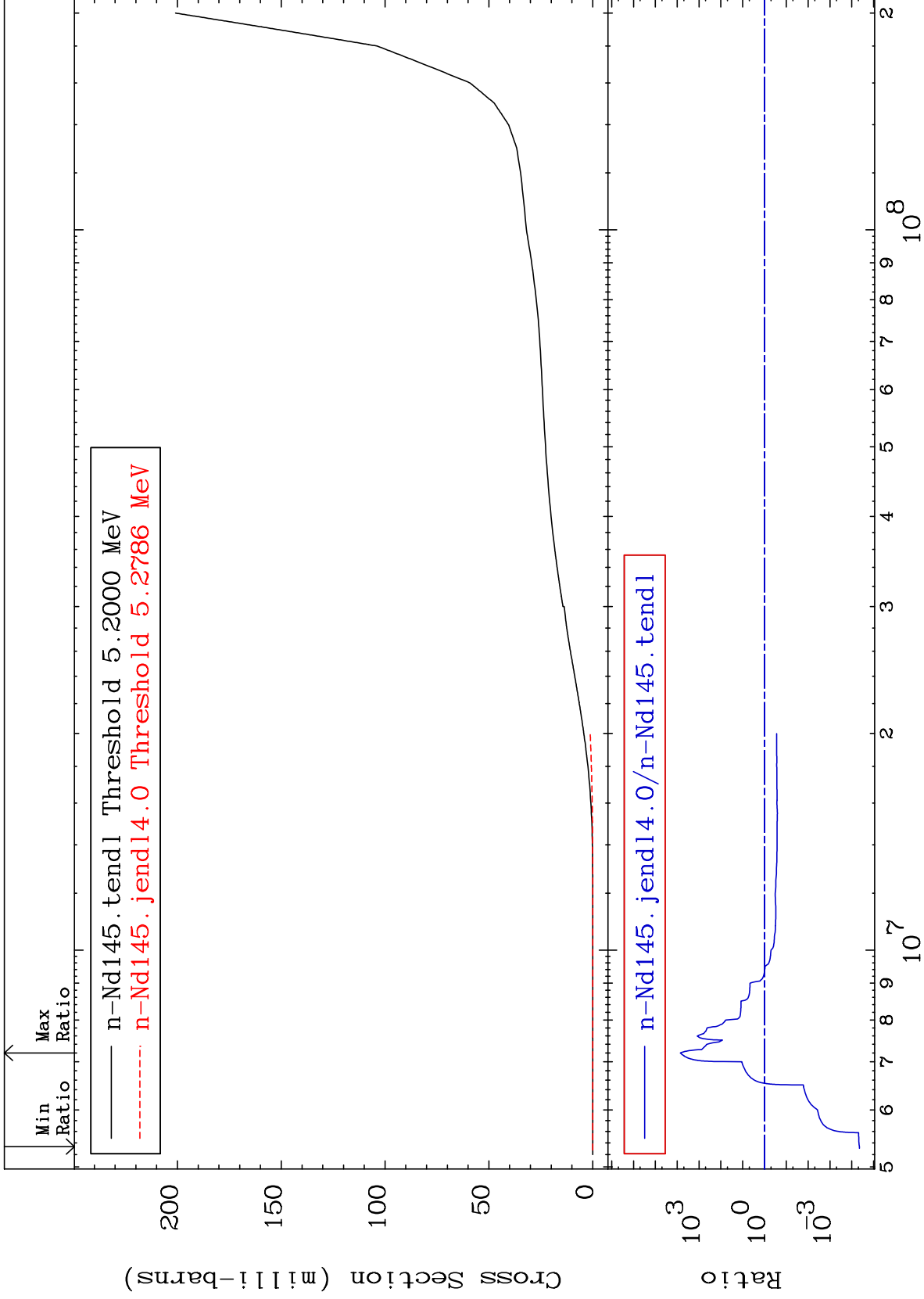
60-Nd-145  
-99.92 To 9999. %



MAT 6034

Tritium Production  
Cross Section

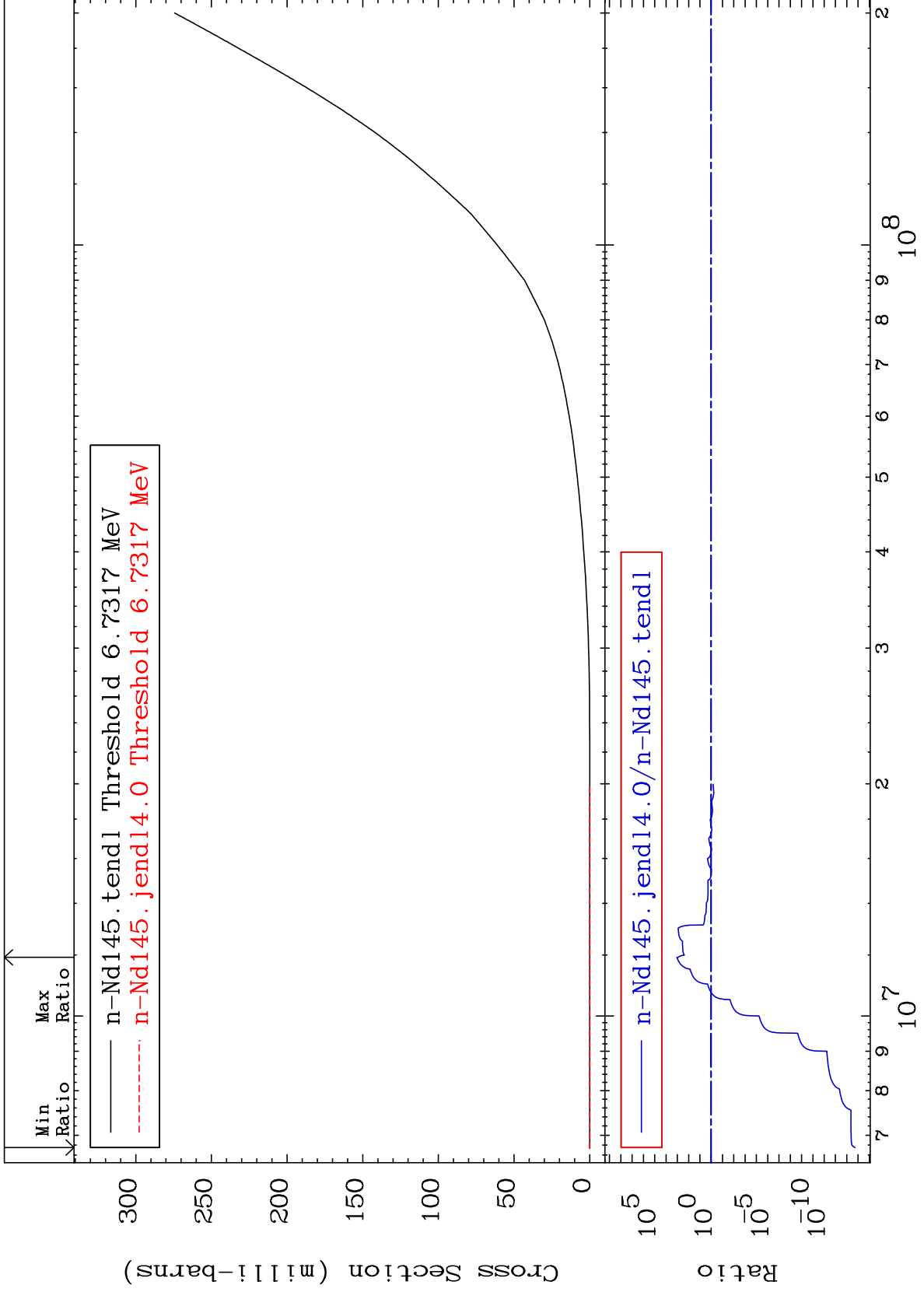
60-Nd-145  
-100.0 To 9999. %



MAT 6034

He-3 Production  
Cross Section

60-Nd-145  
-100.0 To 9999. %

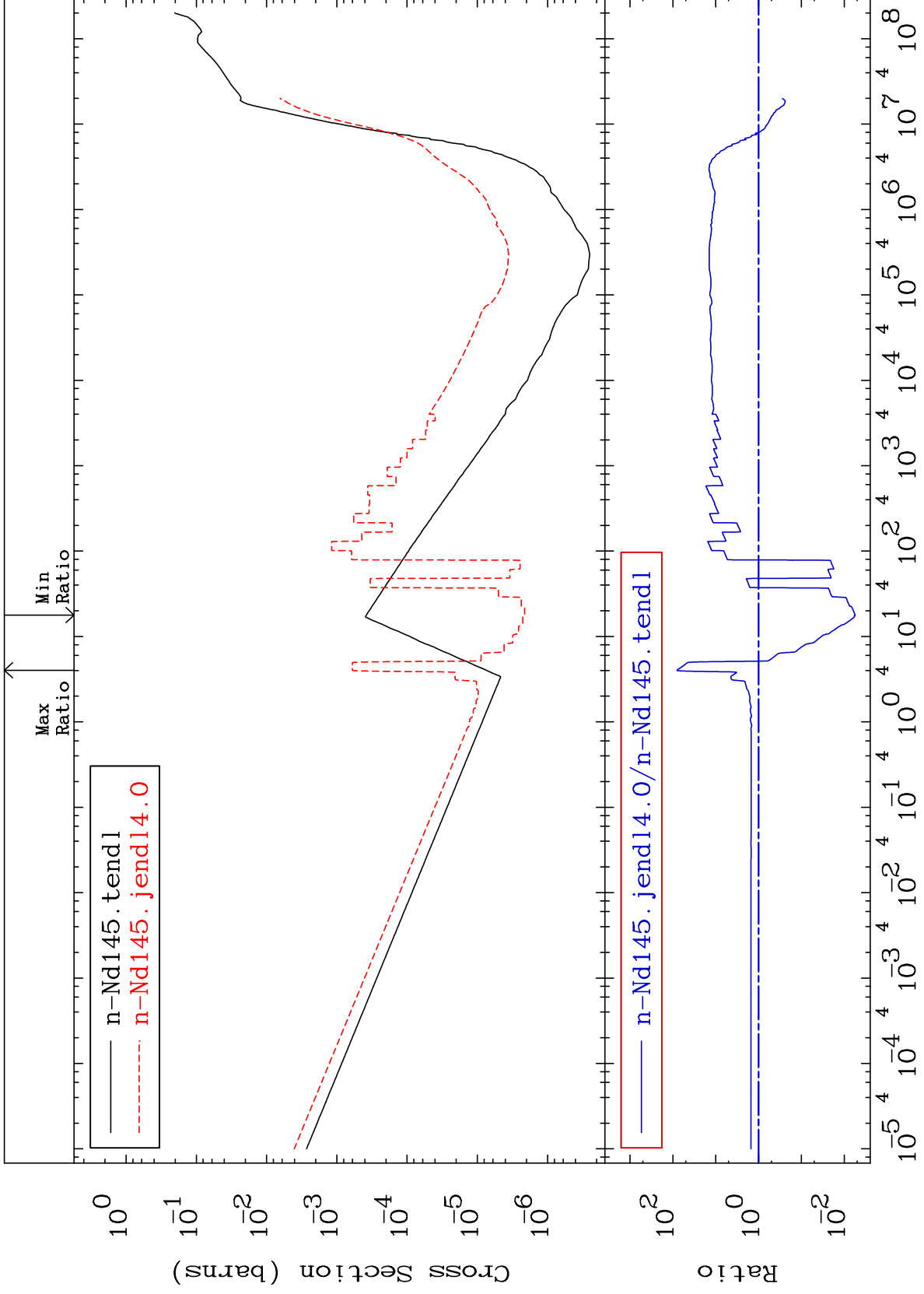




MAT 6034

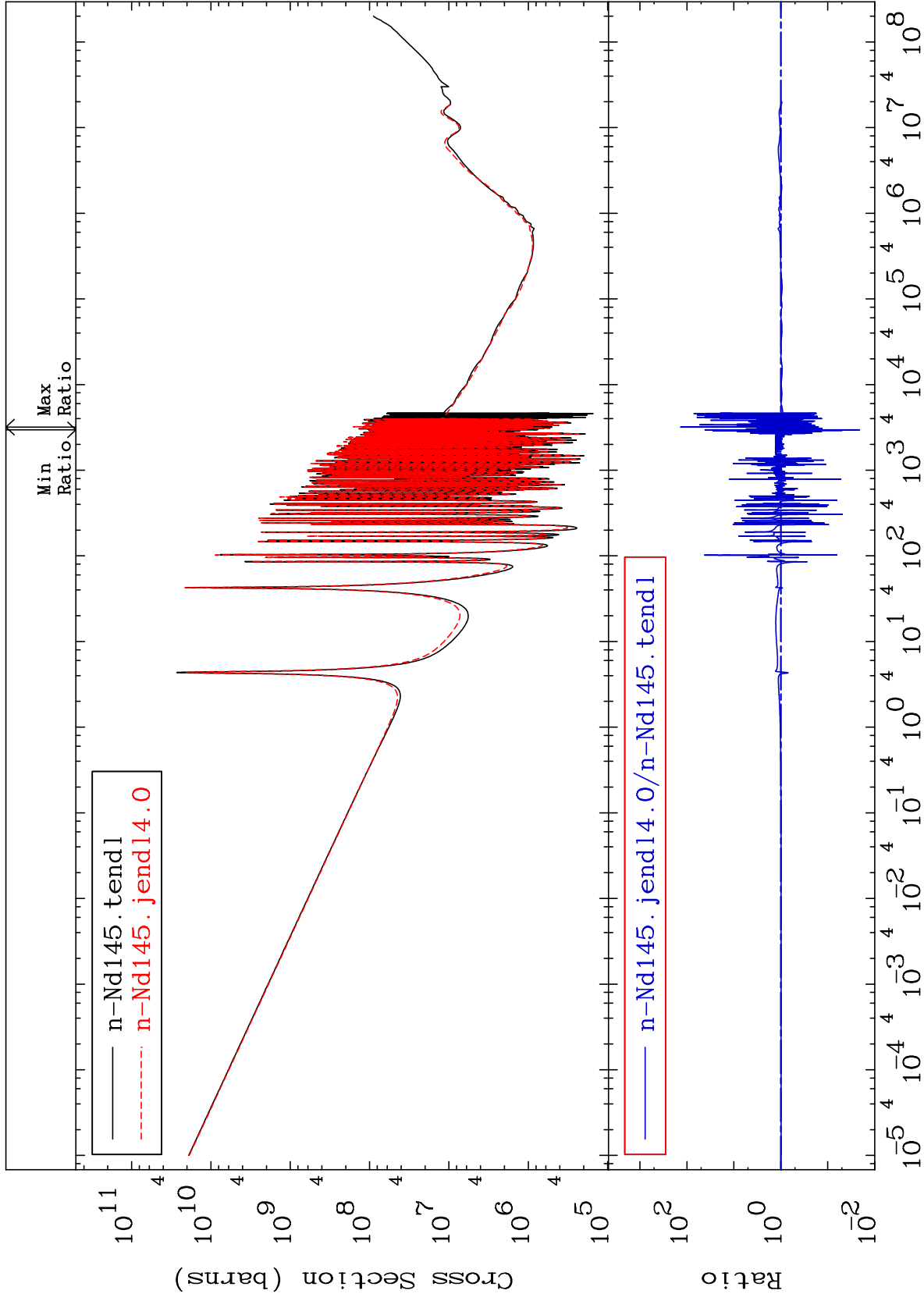
He-4 Production  
Cross Section

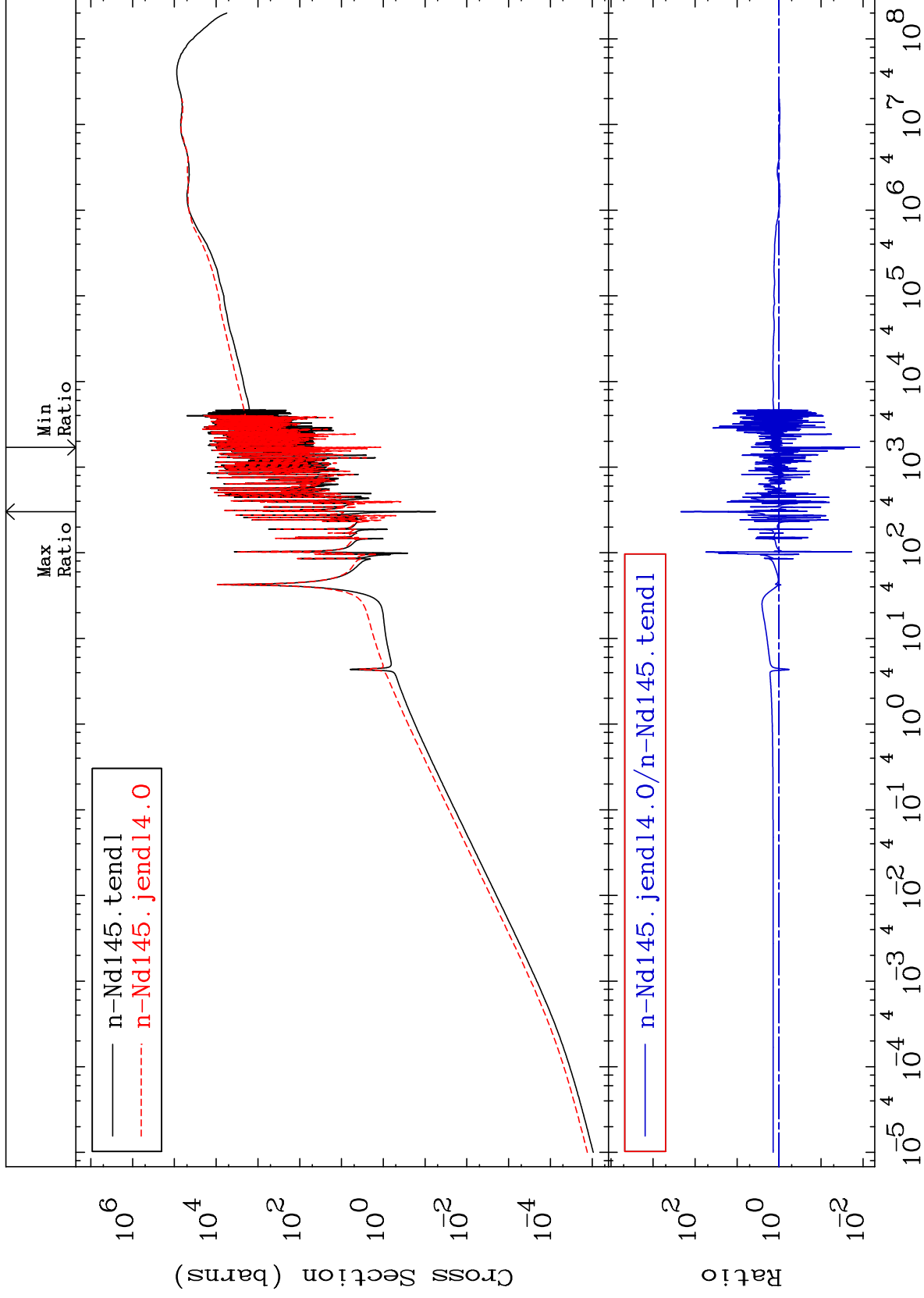
60-Nd-145  
-99.44 To 7941. %

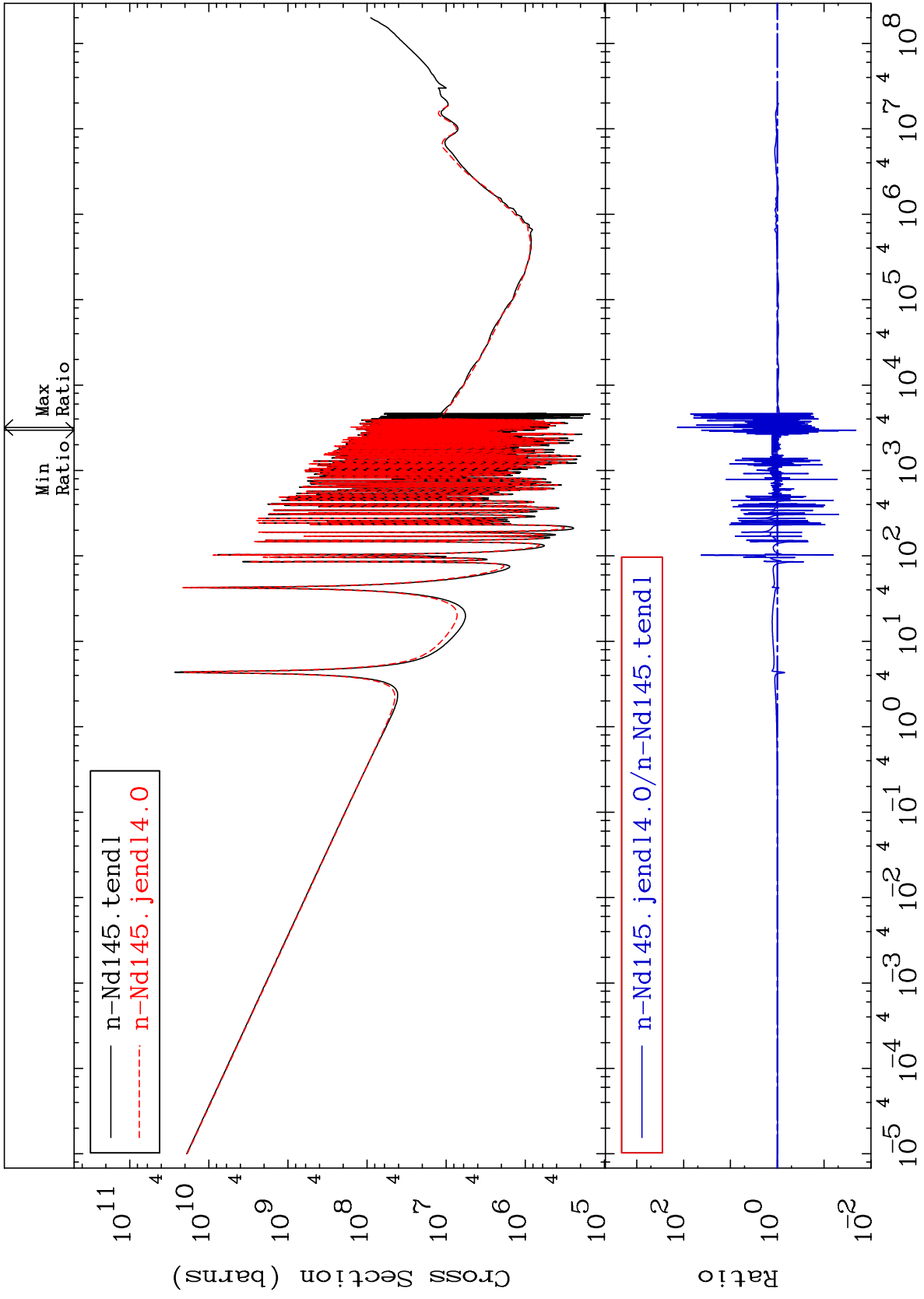


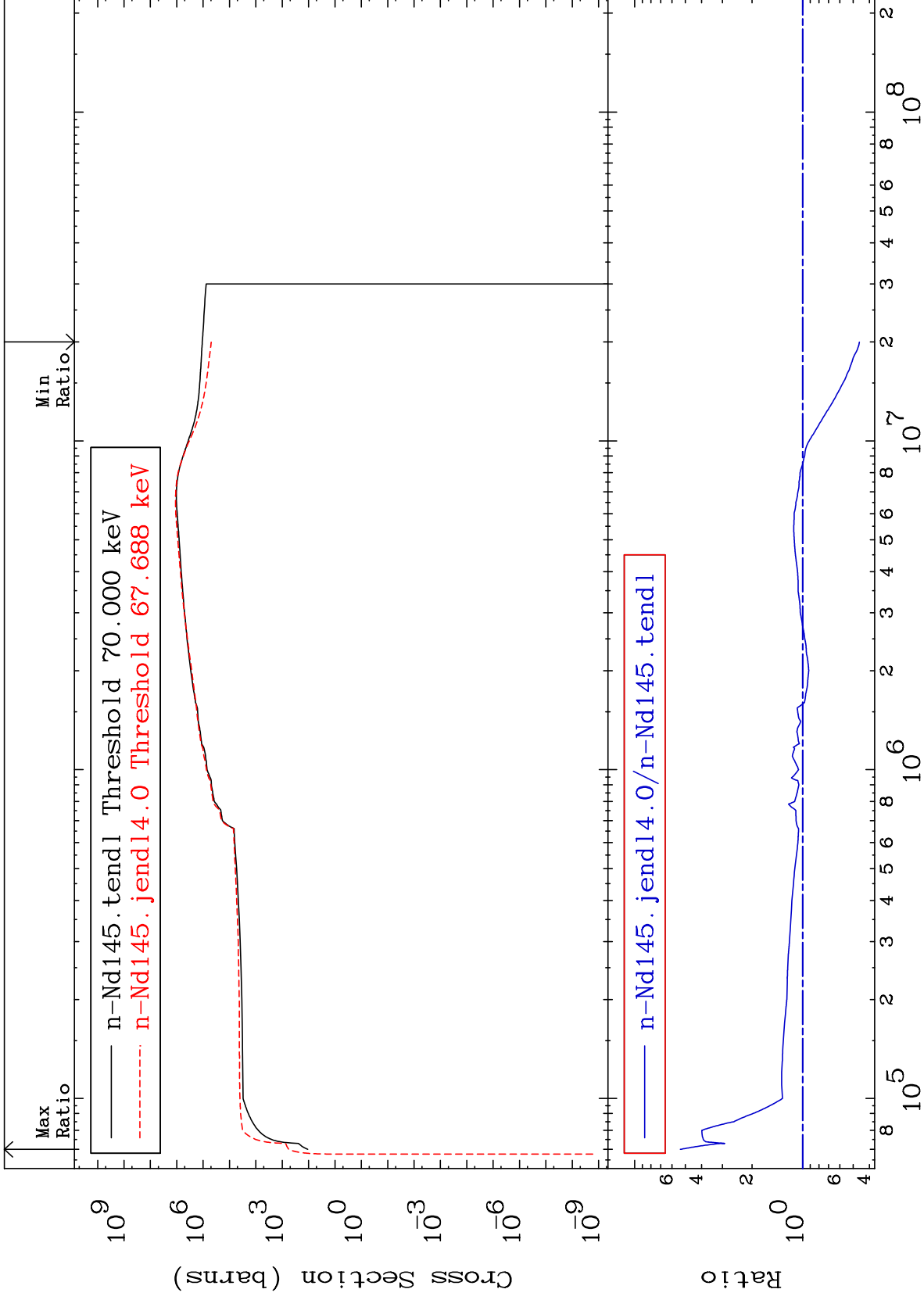
Cross Section

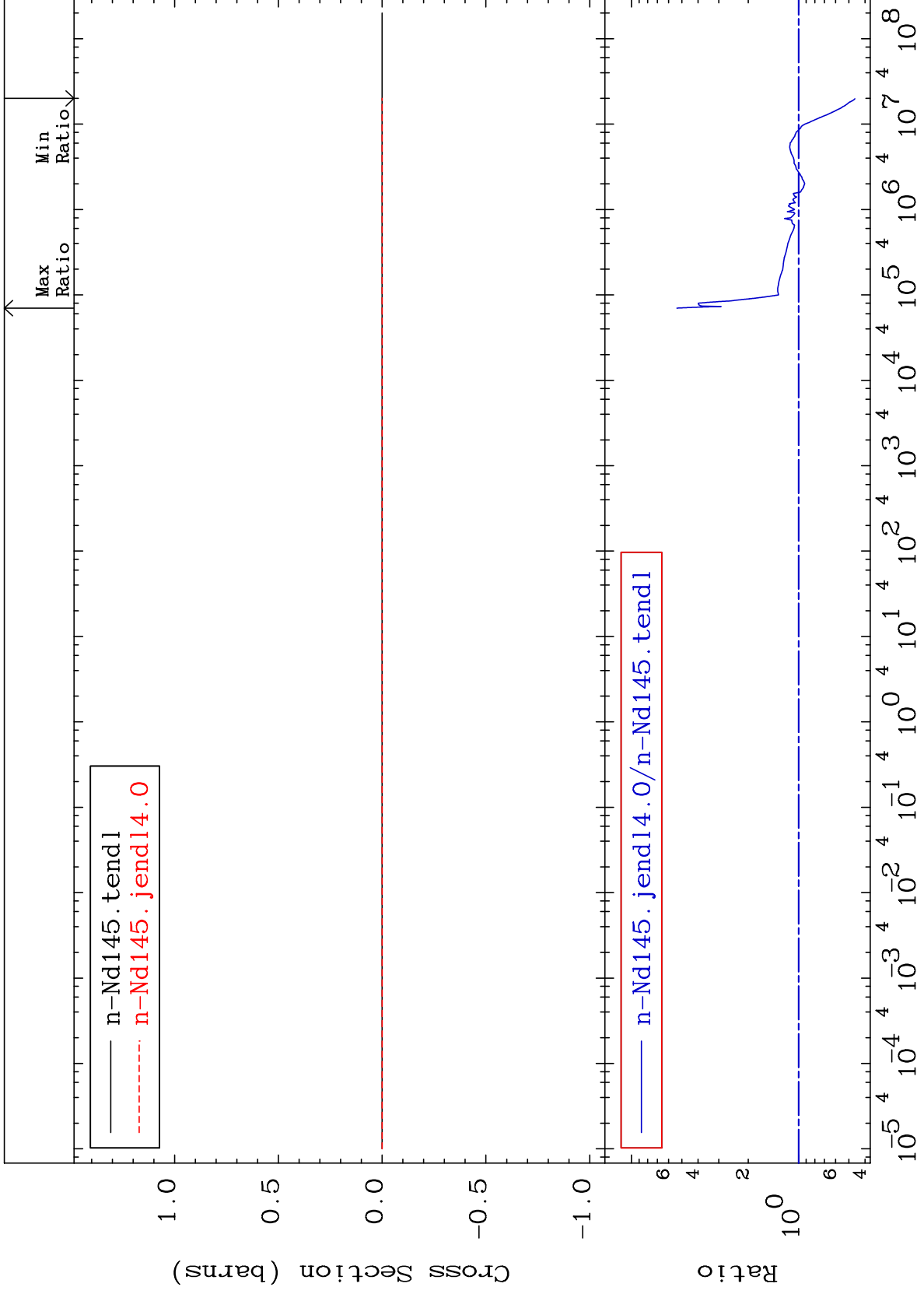
-97.89 To 9999. %







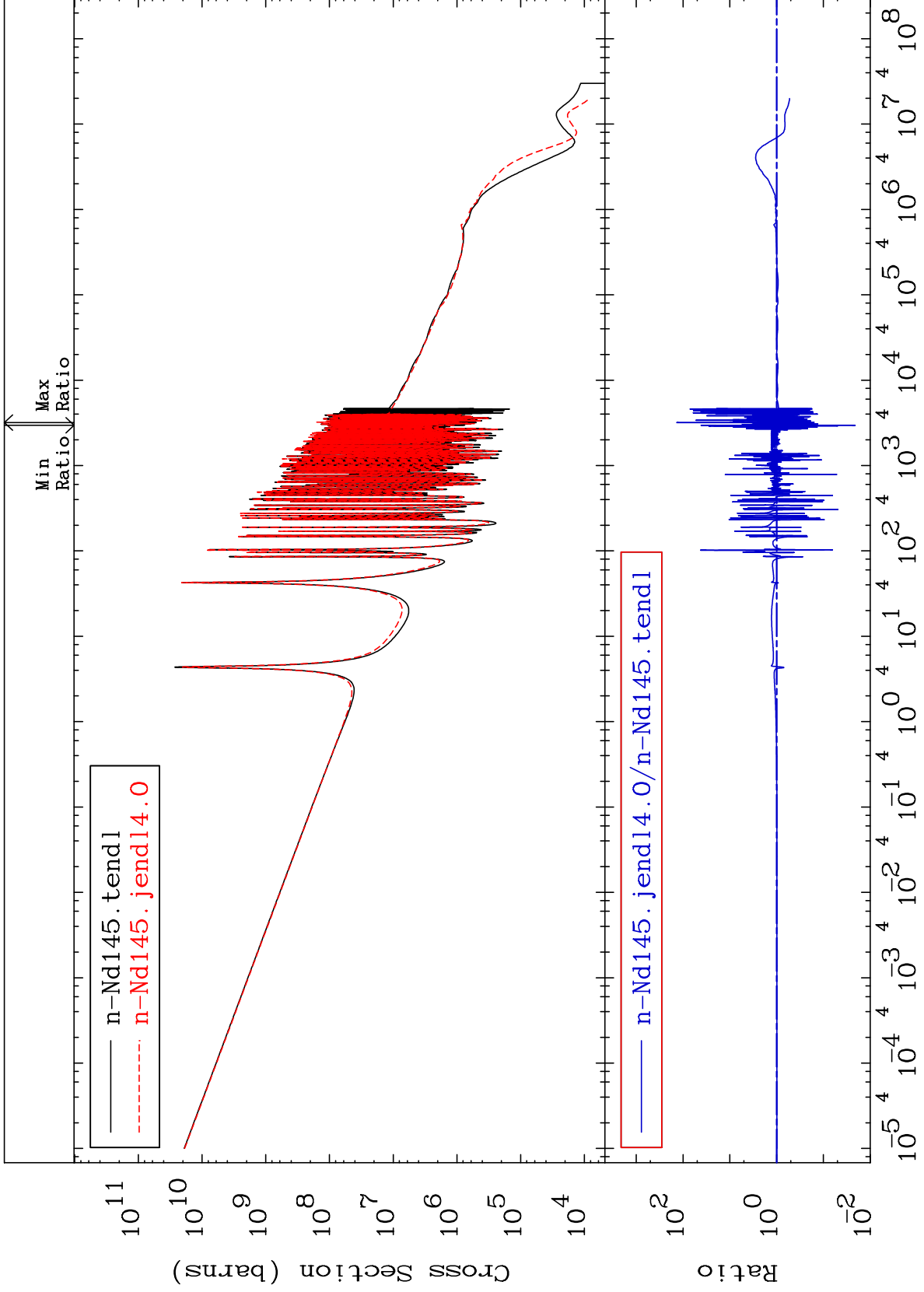


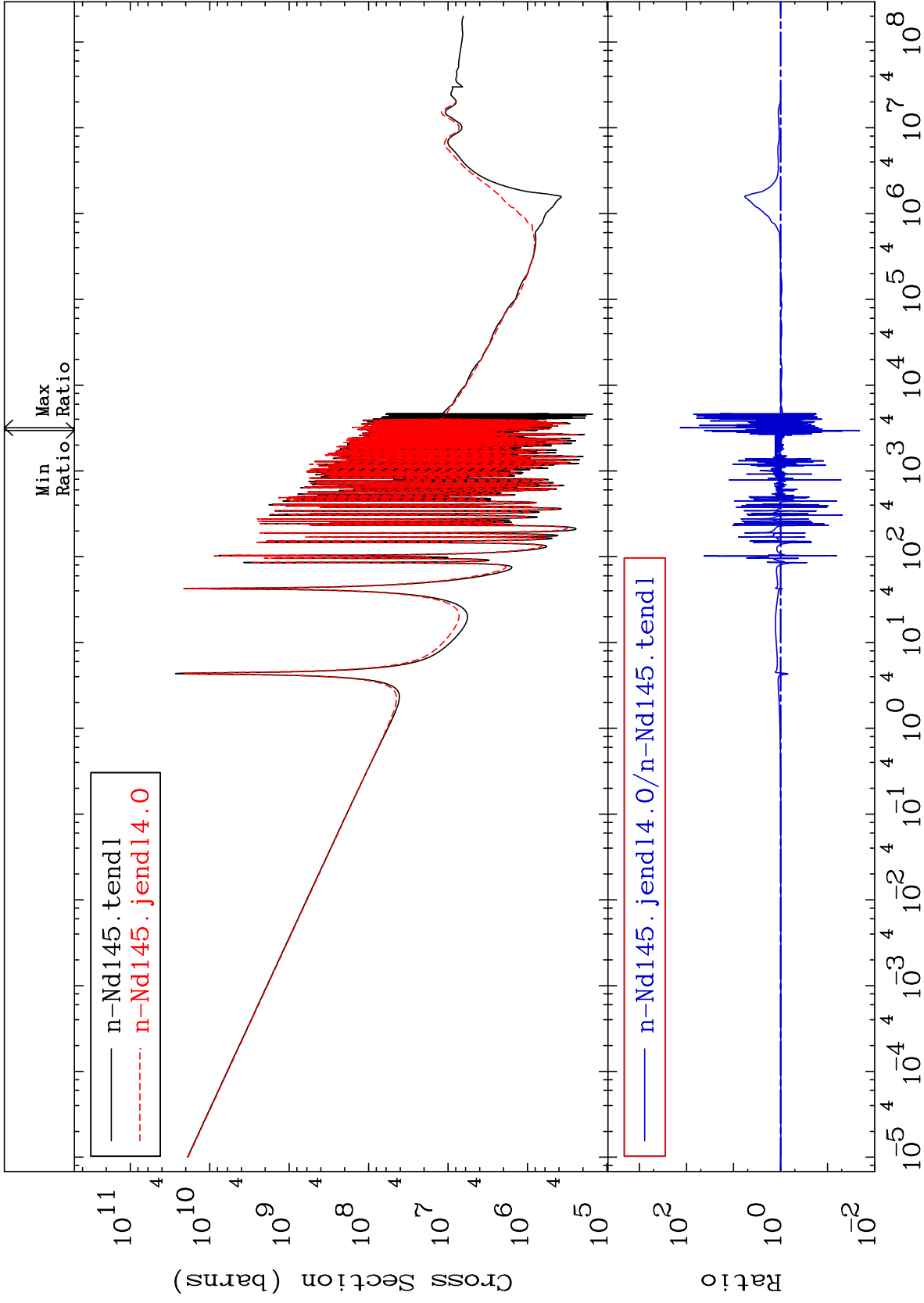


MAT 6034

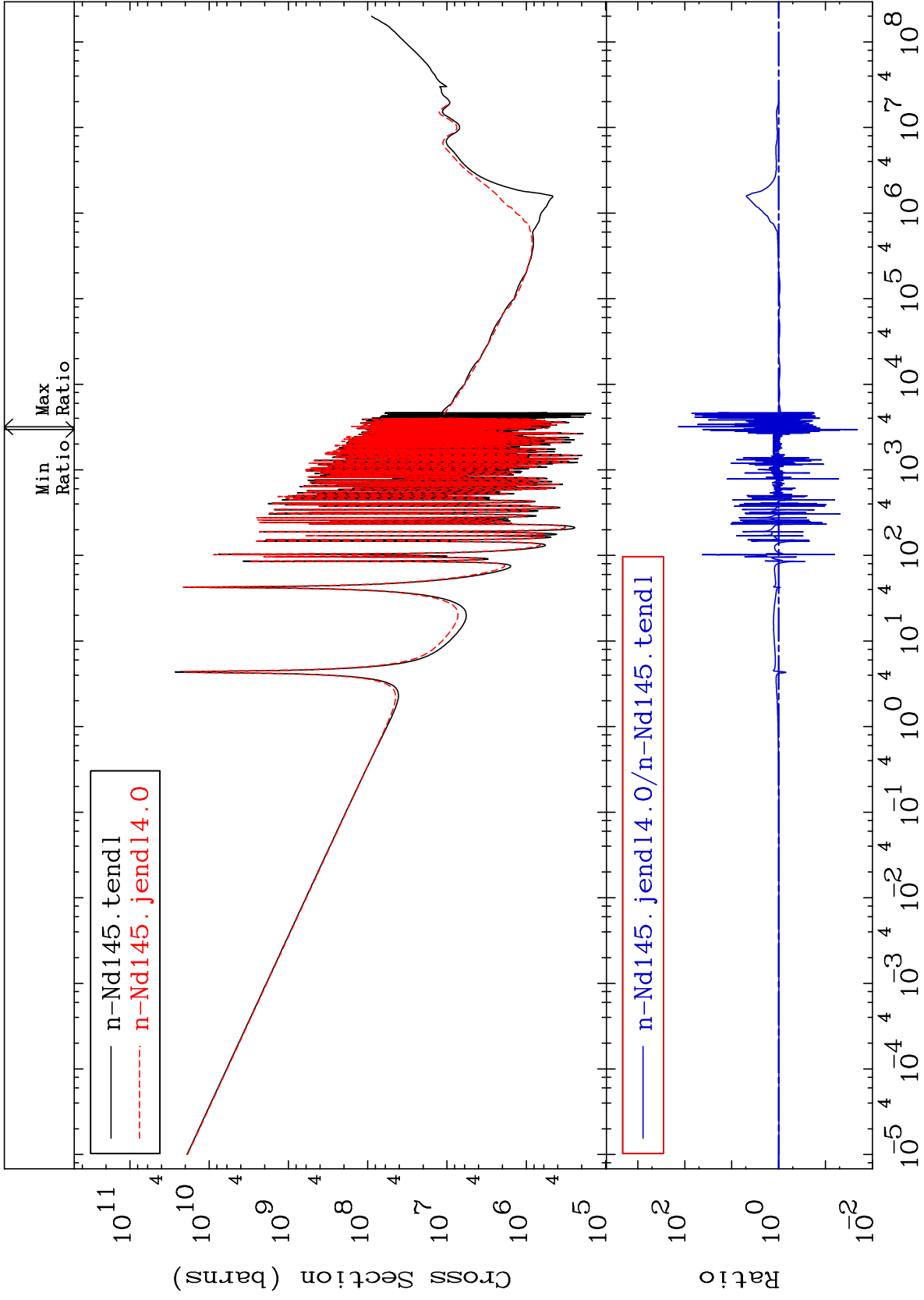
Kerma capture (mt102)  
Cross Section

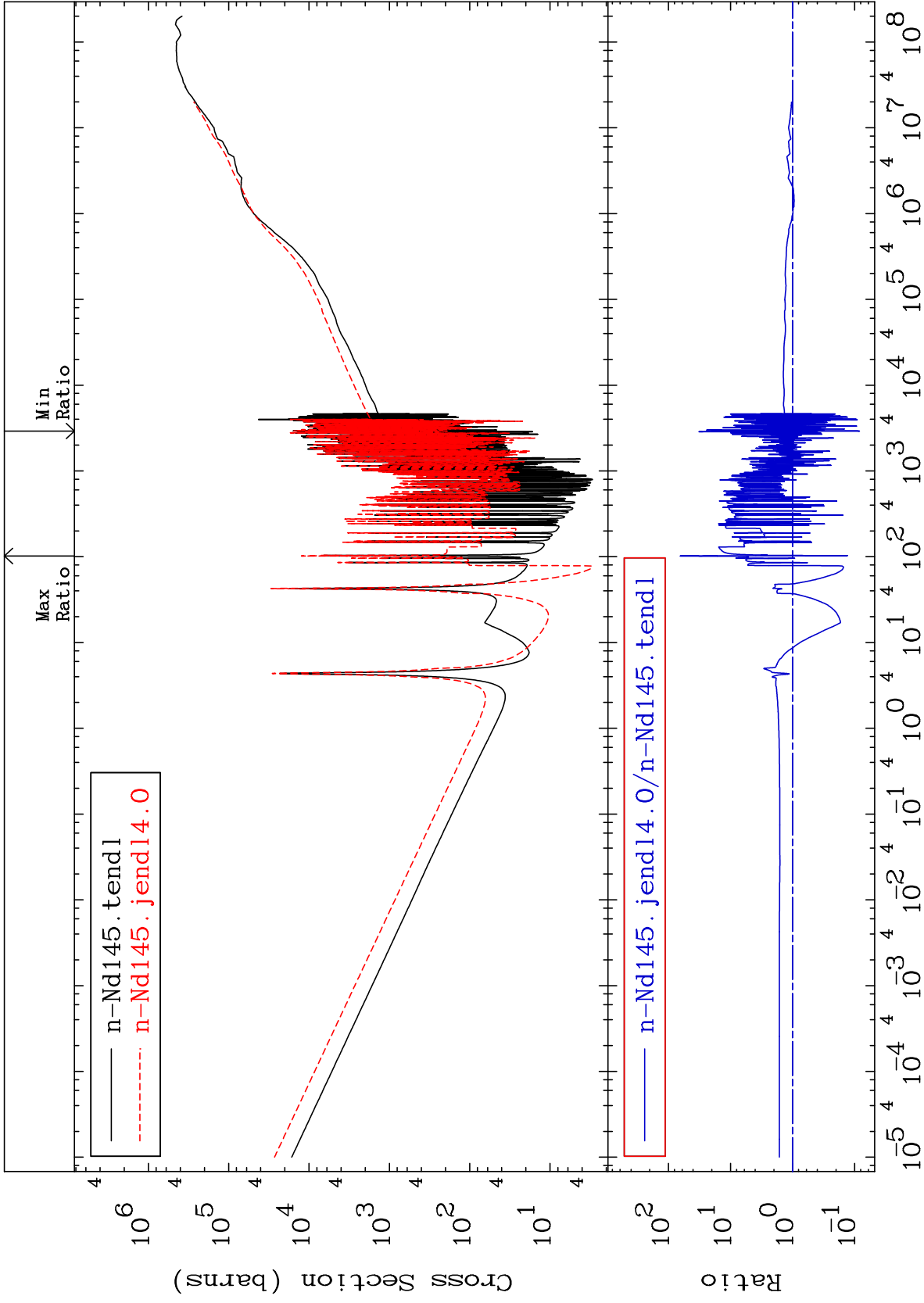
60-Nd-145  
-97.90 To 9999. %







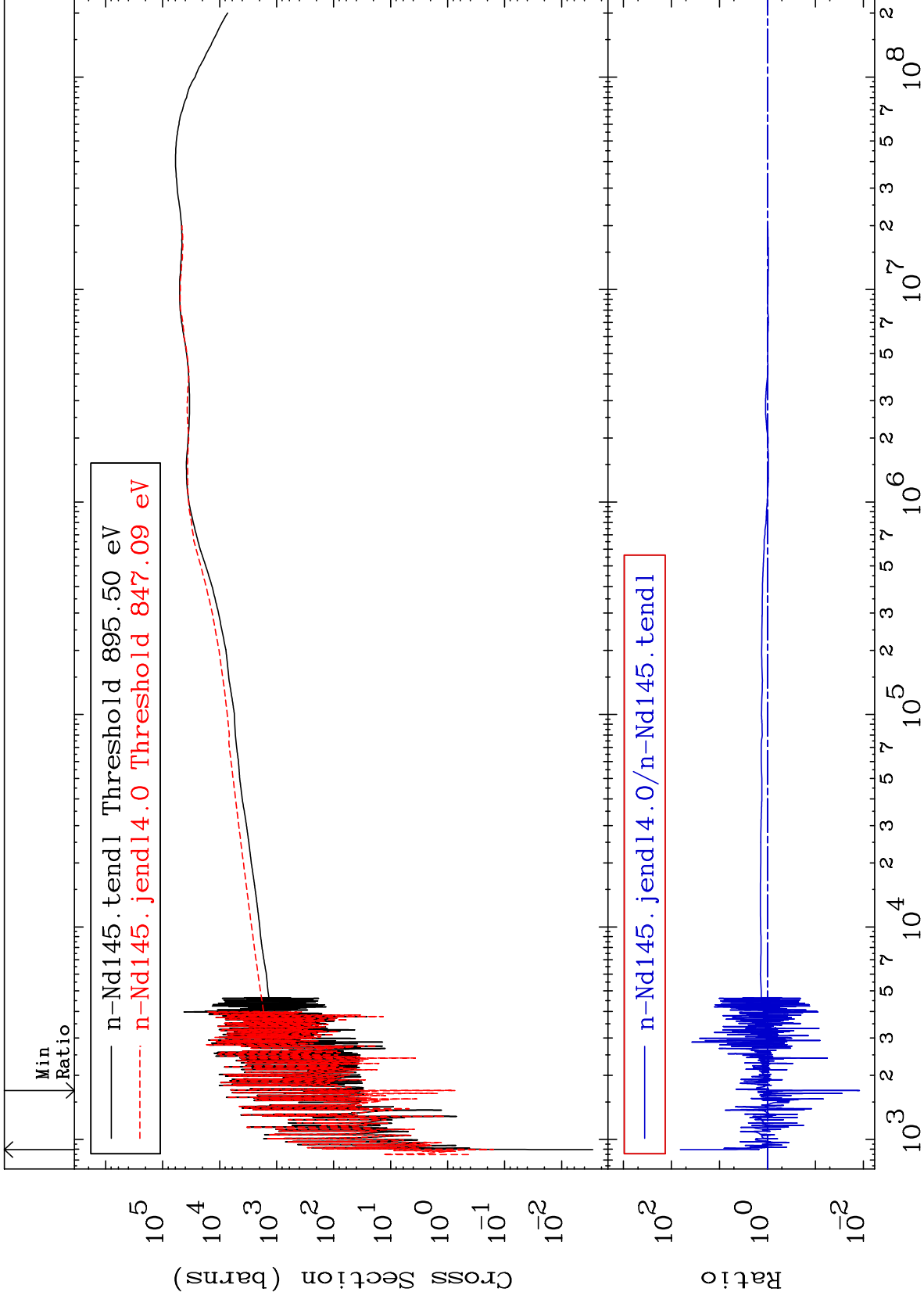




MAT 6034

Dpa elastic (mt2)  
Cross Section

60-Nd-145  
-98.79 To 6418. %



59

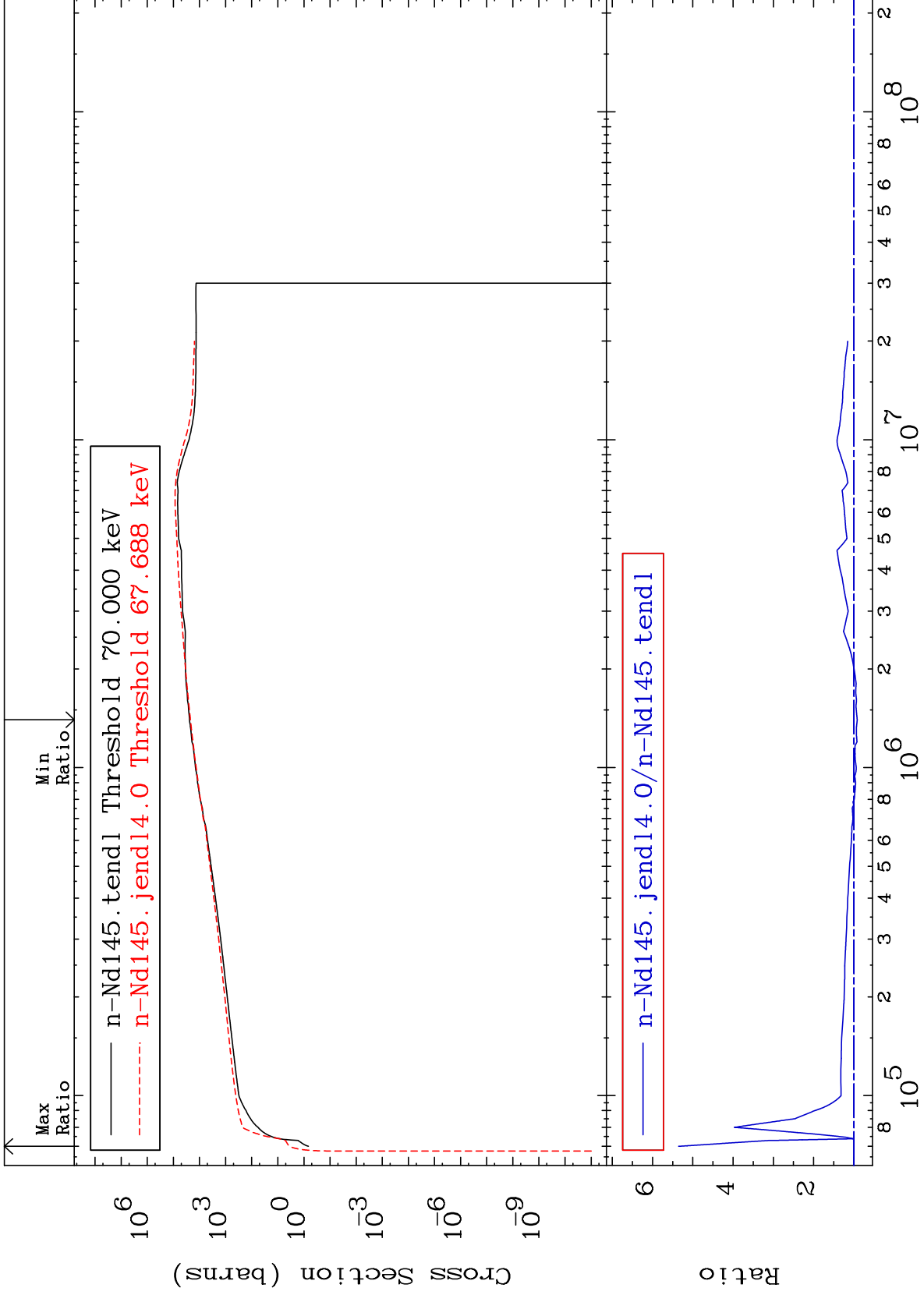
Incident Energy (eV)

60-Nd-145

MAT 6034

Dpa inelastic (mt51-91)  
Cross Section

60-Nd-145  
-8.352 To 435.2 %



60

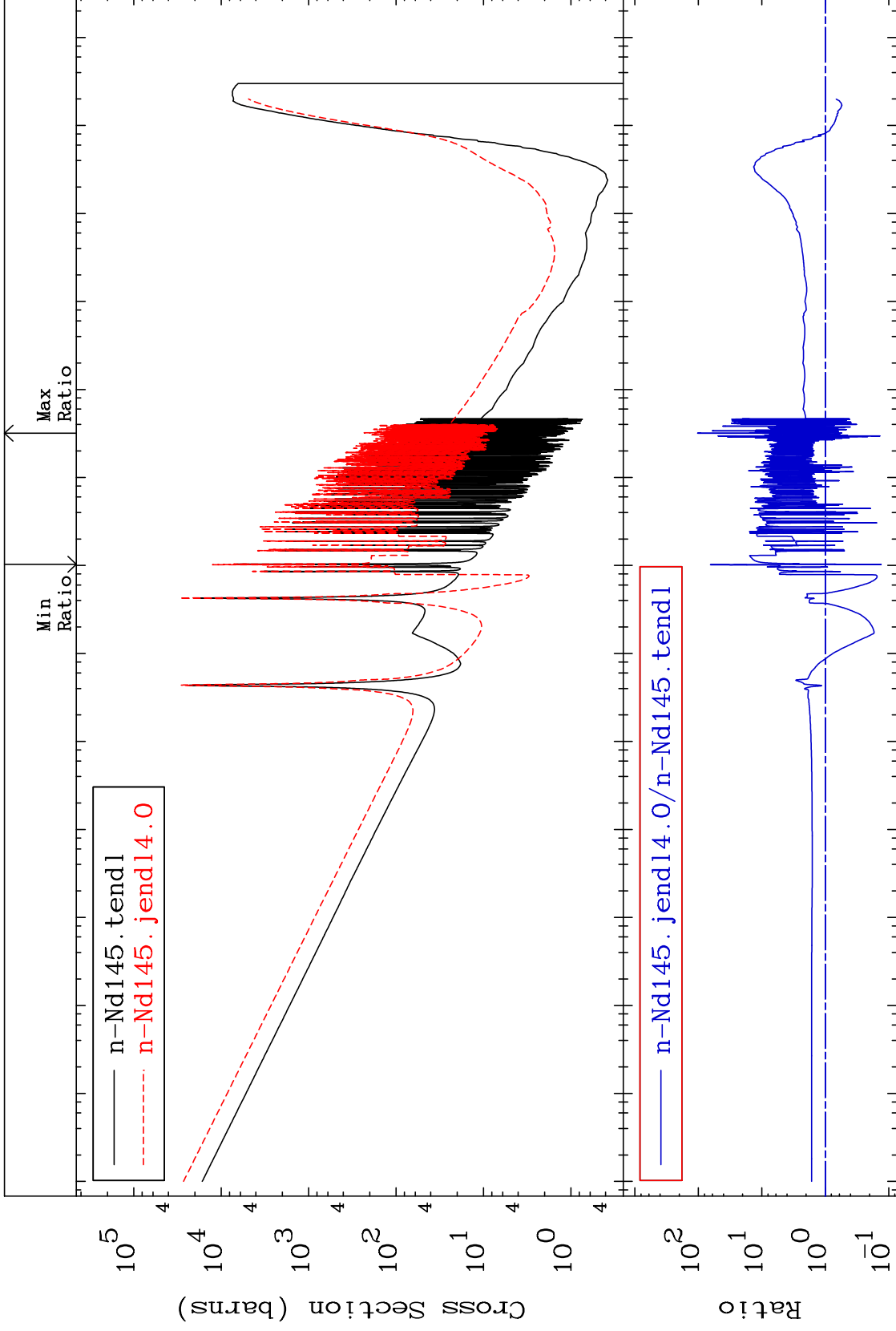
Incident Energy (eV)

60-Nd-145

MAT 6034

Dpa disappearance (mt102 -120)  
Cross Section

60-Nd-145  
-86.83 To 9999. %



61

Incident Energy (eV)

60-Nd-145