

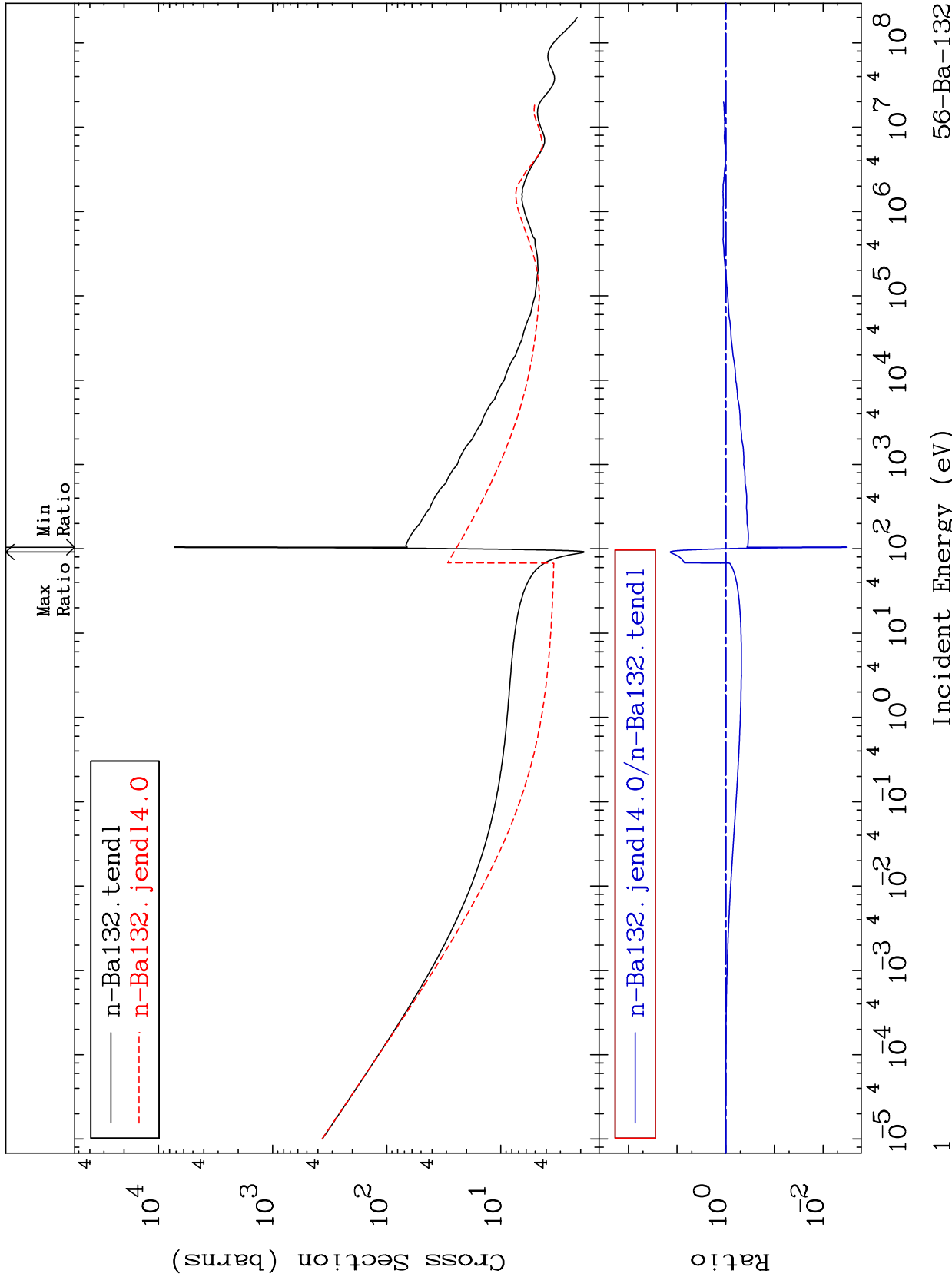
MAT 5631

Total

56-Ba-132

Cross Section

-99.67 To 1279. %



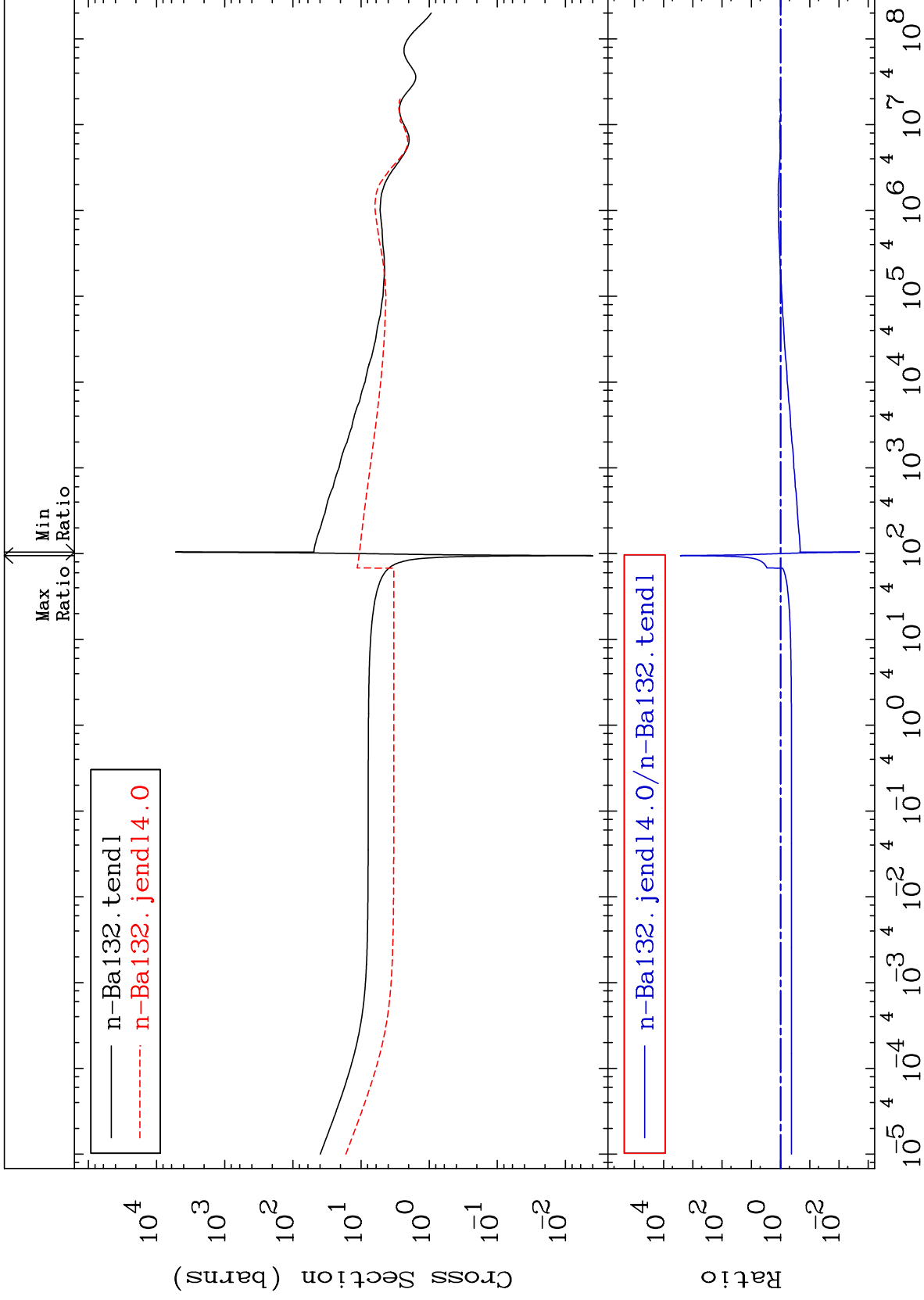
Incident Energy (eV)

56-Ba-132

MAT 5631

Elastic  
Cross Section

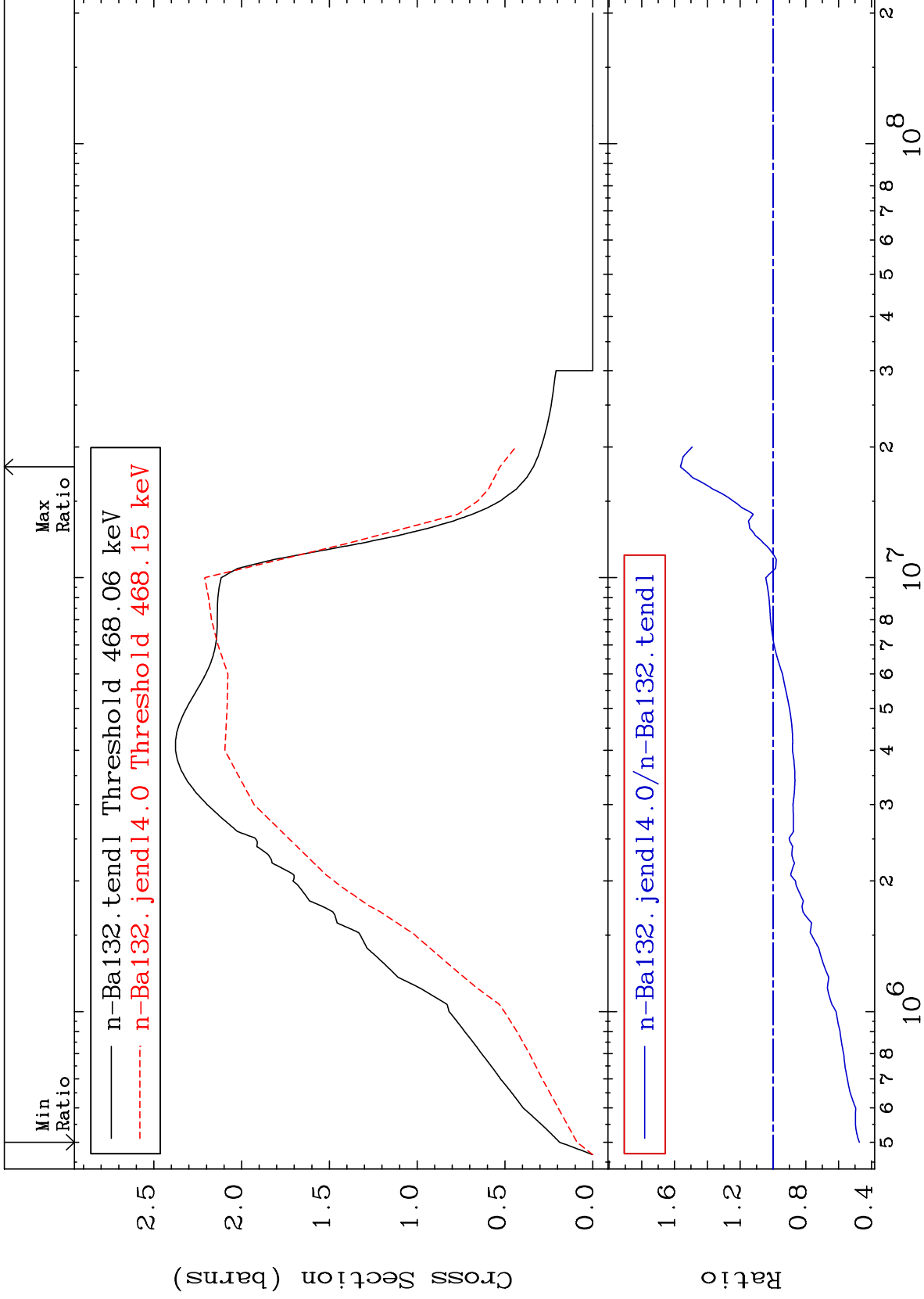
56-Ba-132  
-99.80 To 9999. %



MAT 5631

Inelastic  
Cross Section

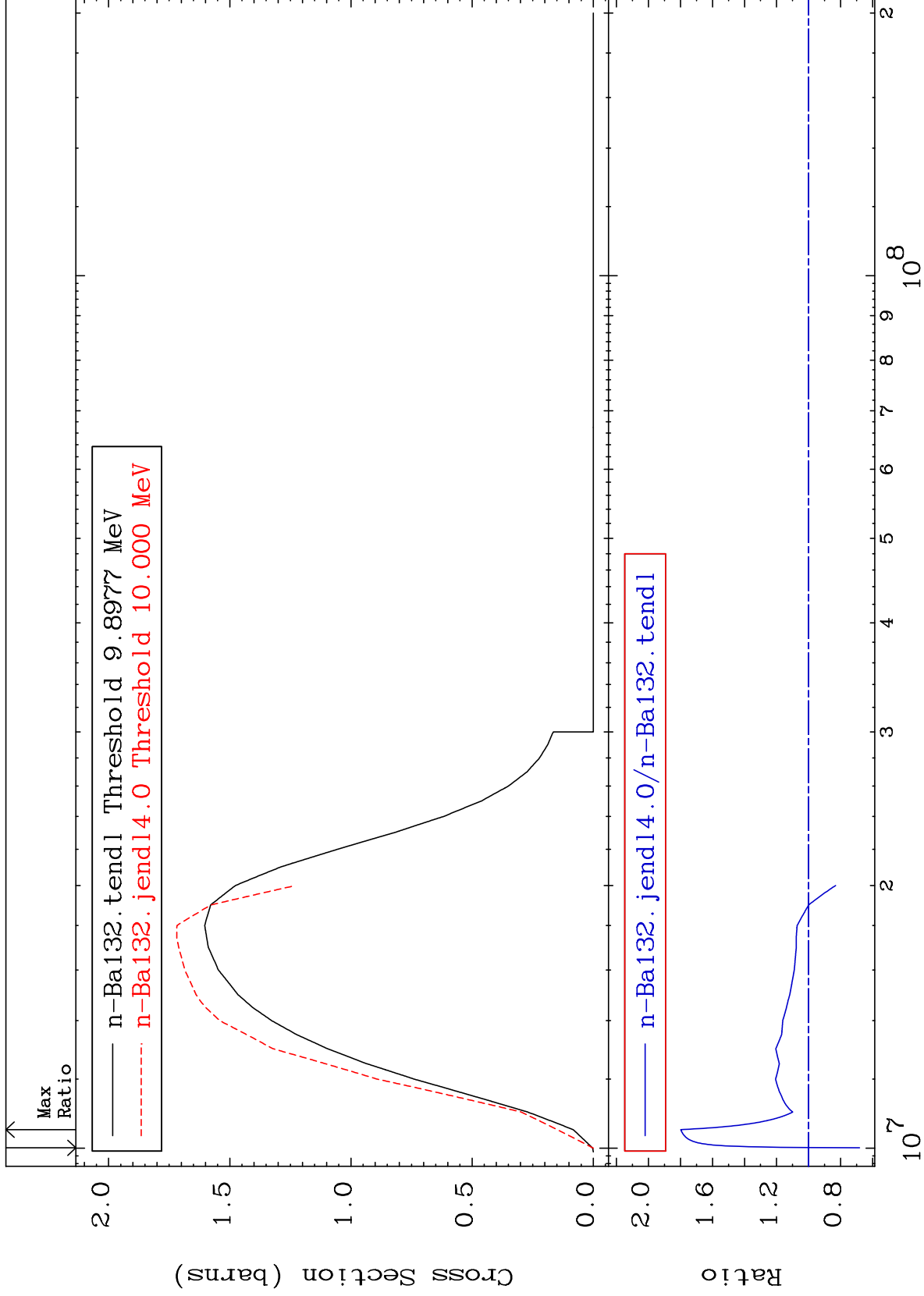
56-Ba-132  
-52.65 To 56.47 %



MAT 5631

(n,2n)  
Cross Section

56-Ba-132  
-31.80 To 79.80 %



56-Ba-132

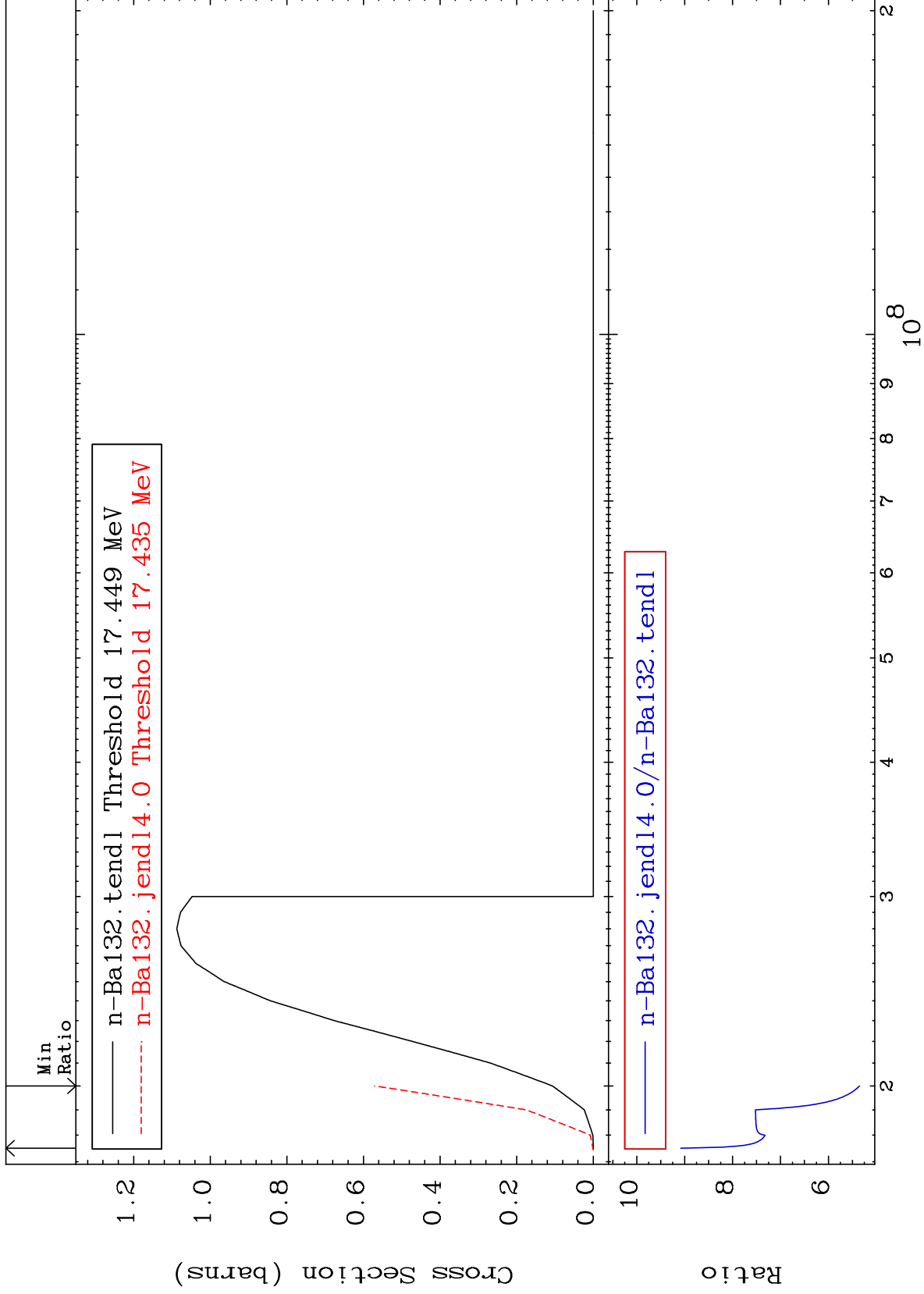
Incident Energy (eV)

4

MAT 5631

(n,3n)  
Cross Section

56-Ba-132  
435.1 To 808.1 %



5

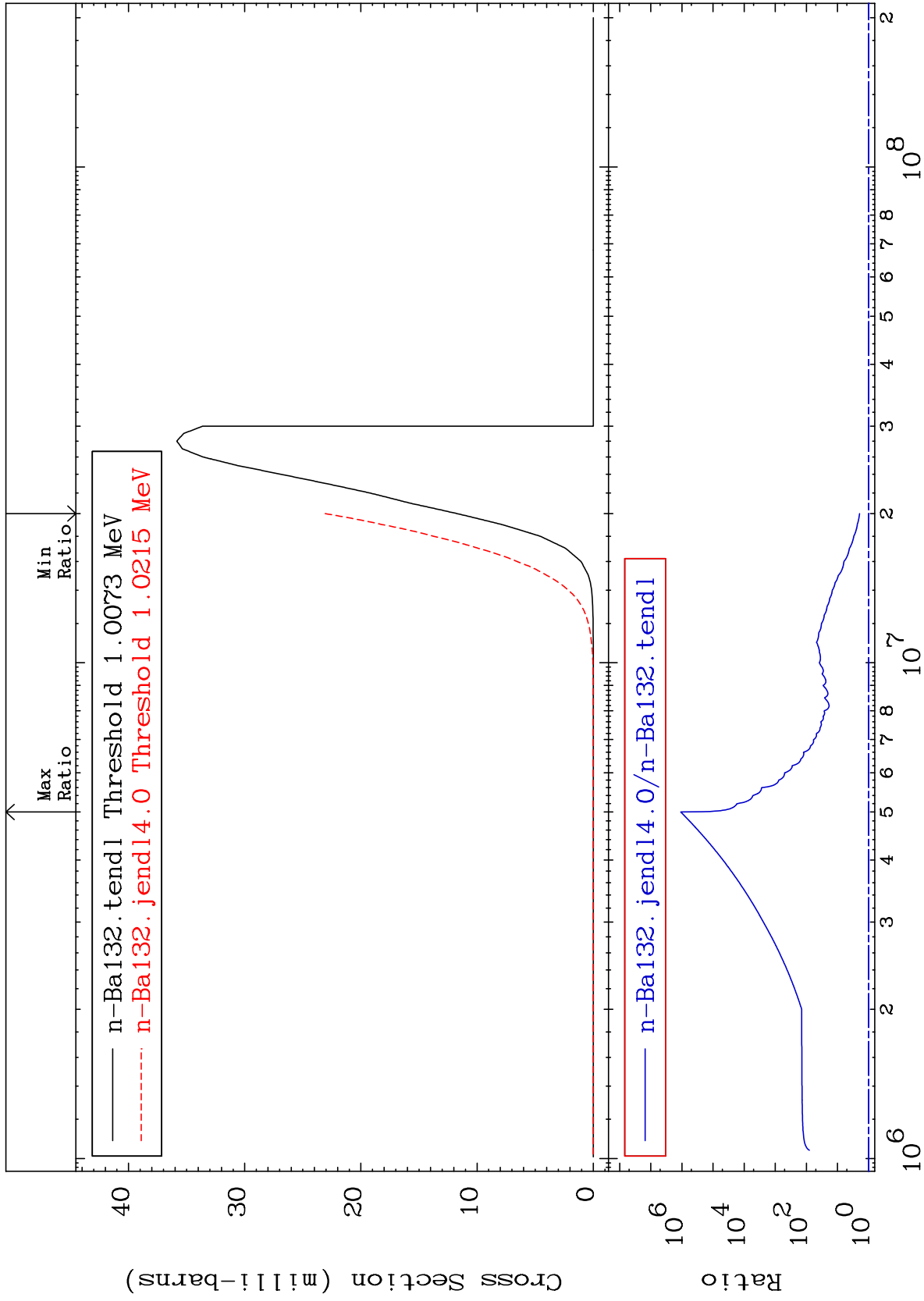
56-Ba-132

56-Ba-132

MAT 5631

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

56-Ba-132  
96.77 To 9999. %



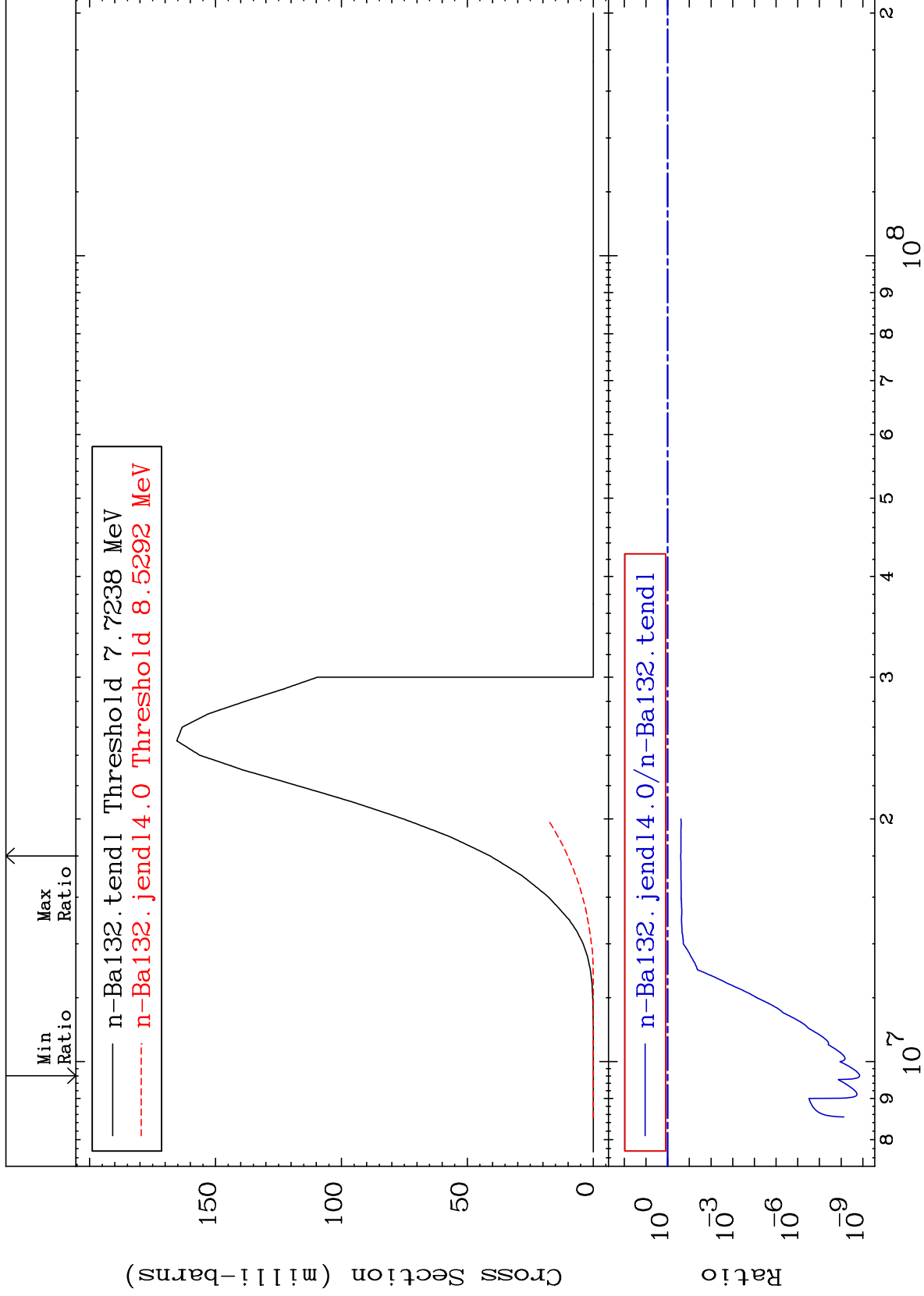
56-Ba-132

Incident Energy (eV)

MAT 5631

(n,n') p  
Cross Section

56-Ba-132  
-100.0 To -75.18%



7

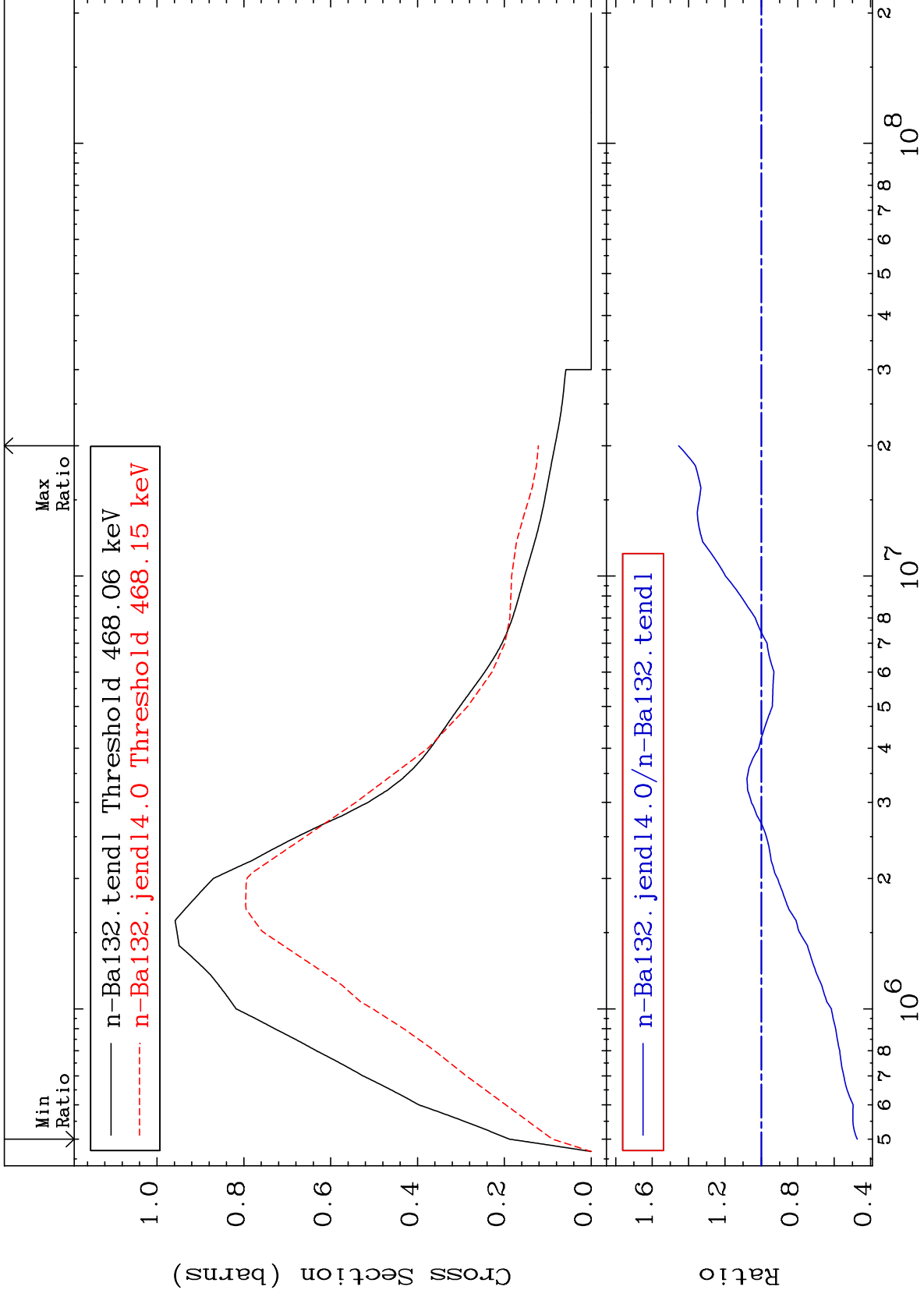
Incident Energy (eV)

56-Ba-132

MAT 5631

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

56-Ba-132  
-52.65 To 45.43 %

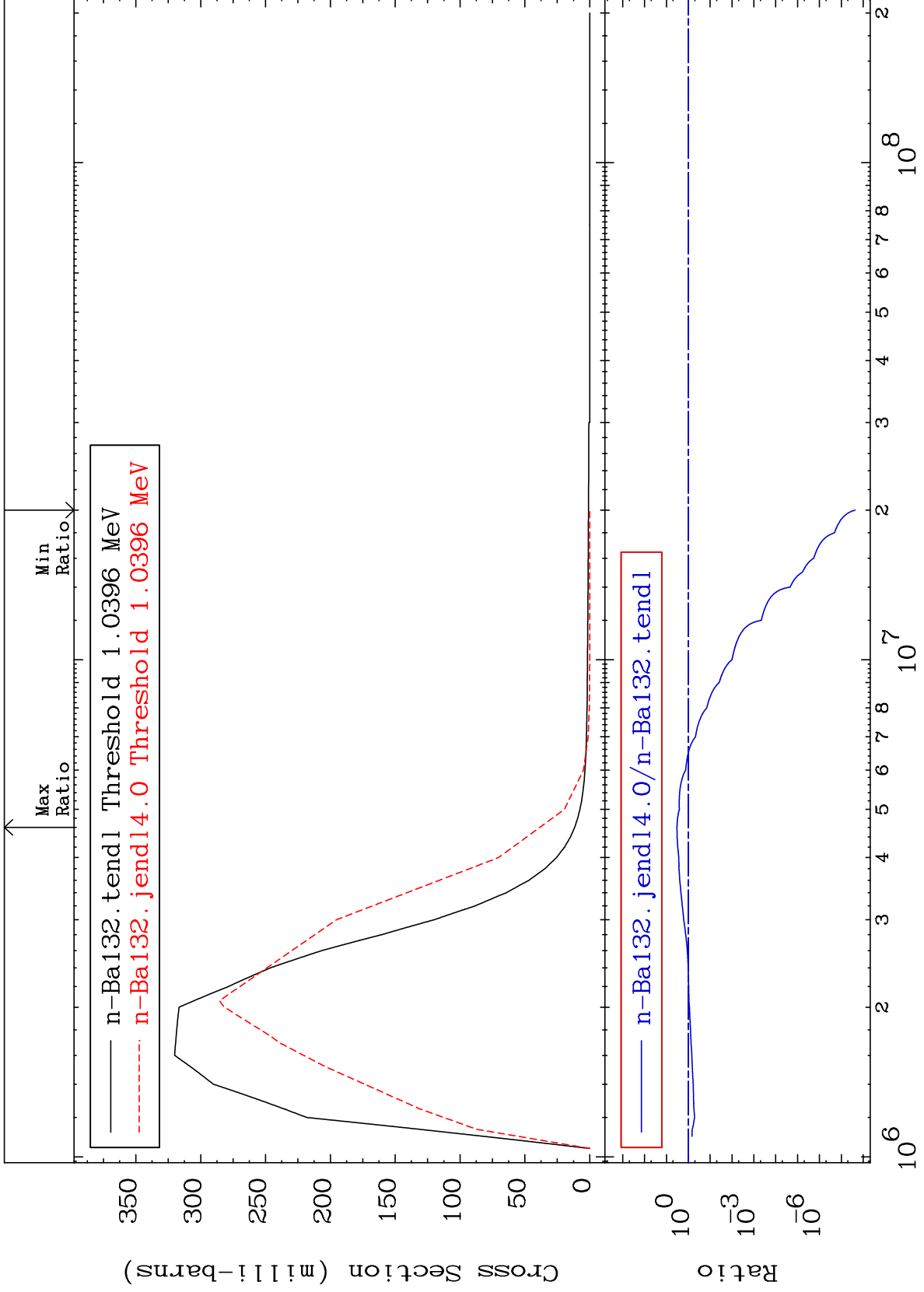




MAT 5631

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

56-Ba-132  
-100.0 To 231.8 %



9

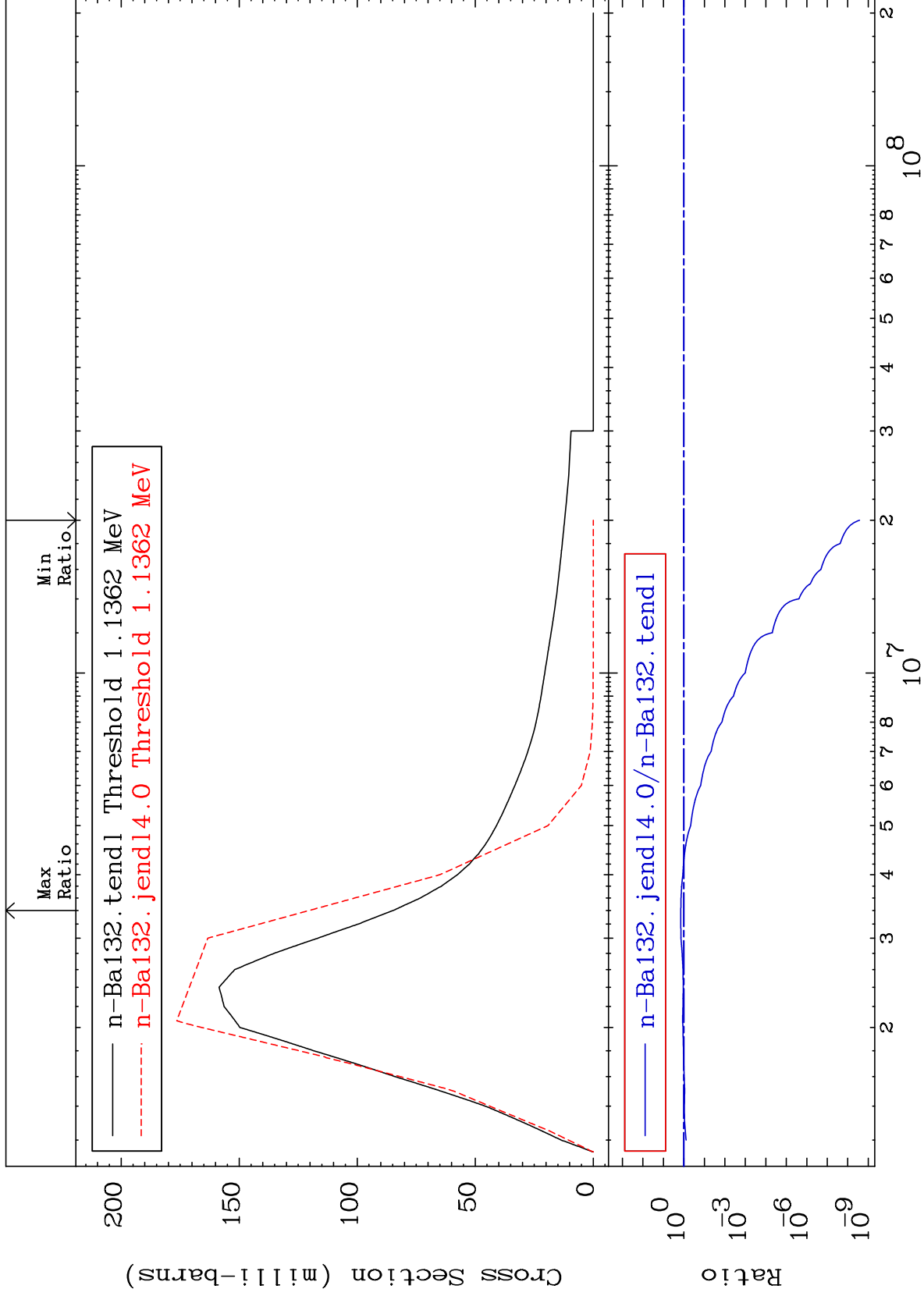
Incident Energy (eV)

56-Ba-132

MAT 5631

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

56-Ba-132  
-100.0 To 42.07 %



10

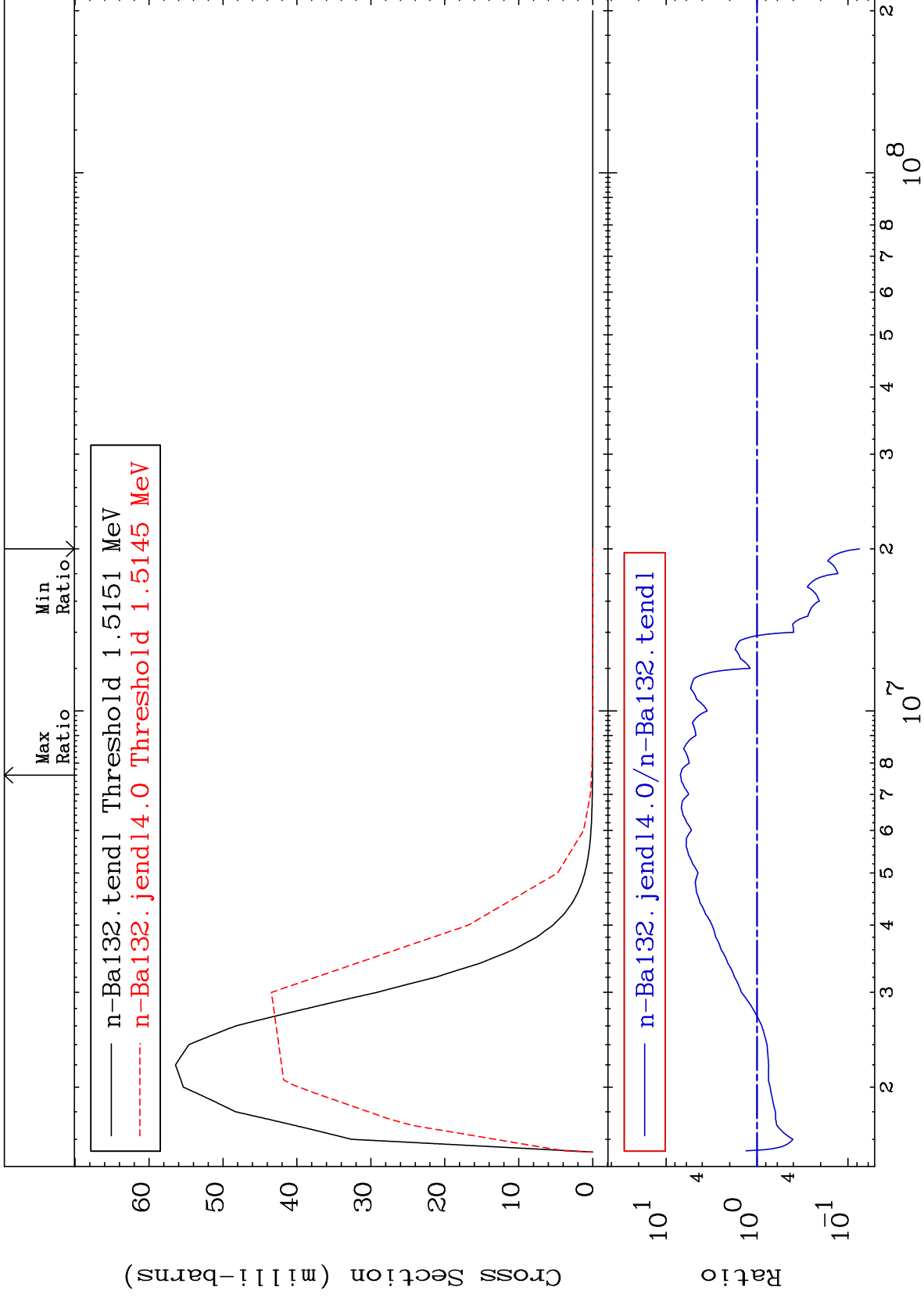
Incident Energy (eV)

56-Ba-132

MAT 5631

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

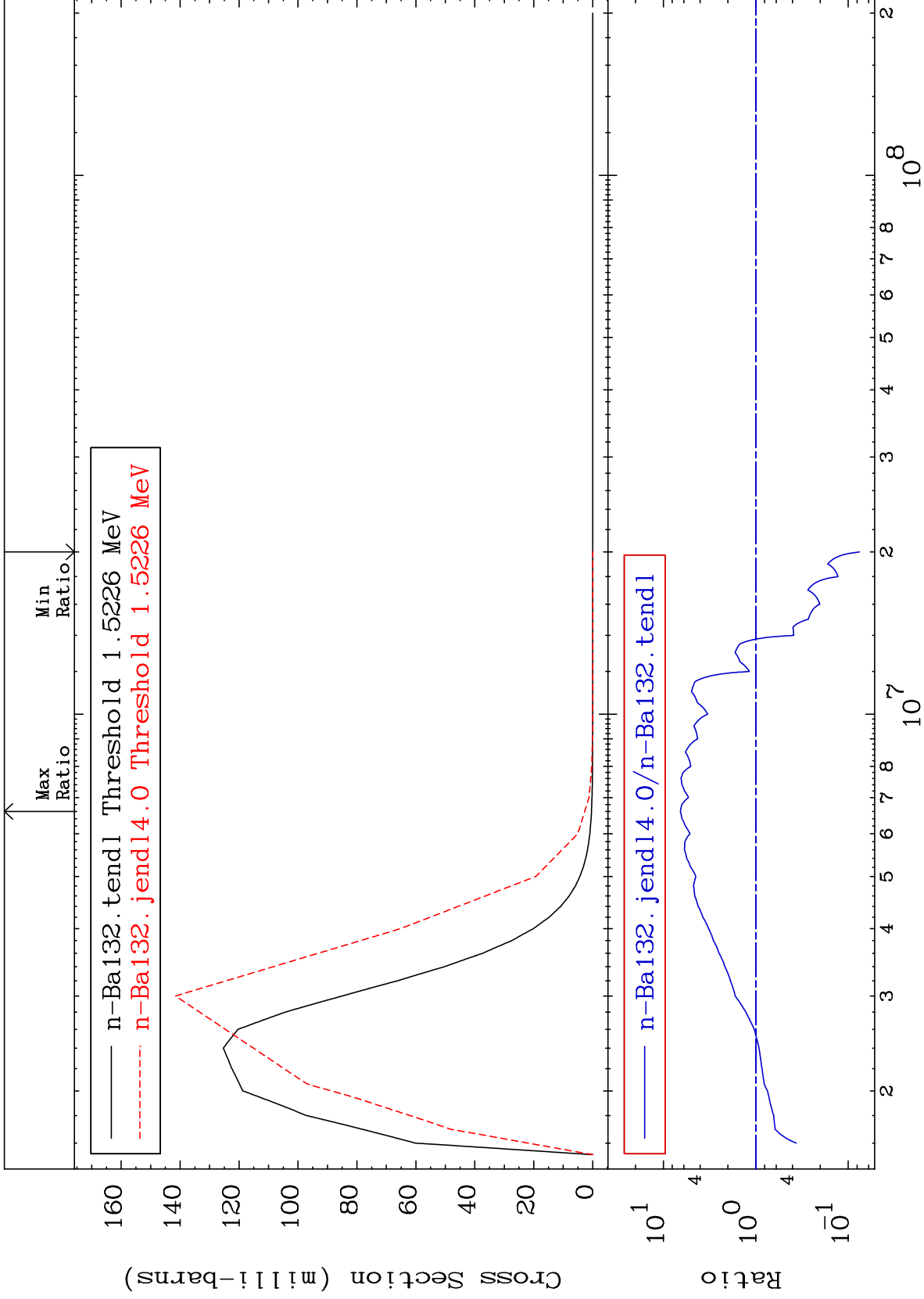
56-Ba-132  
-92.50 To 596.6 %



MAT 5631

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

56-Ba-132  
-92.46 To 554.1 %



12

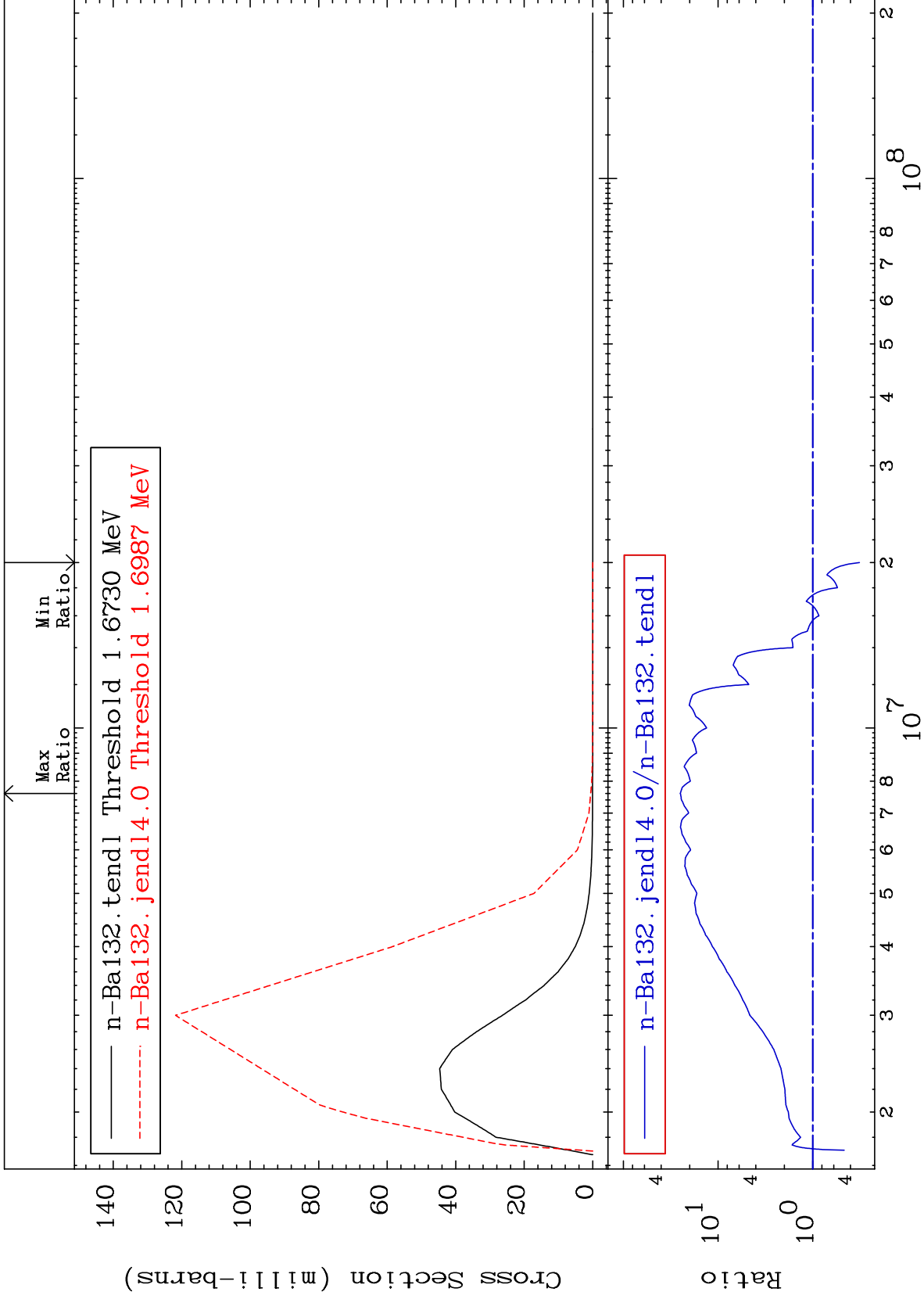
Incident Energy (eV)

56-Ba-132

MAT 5631

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

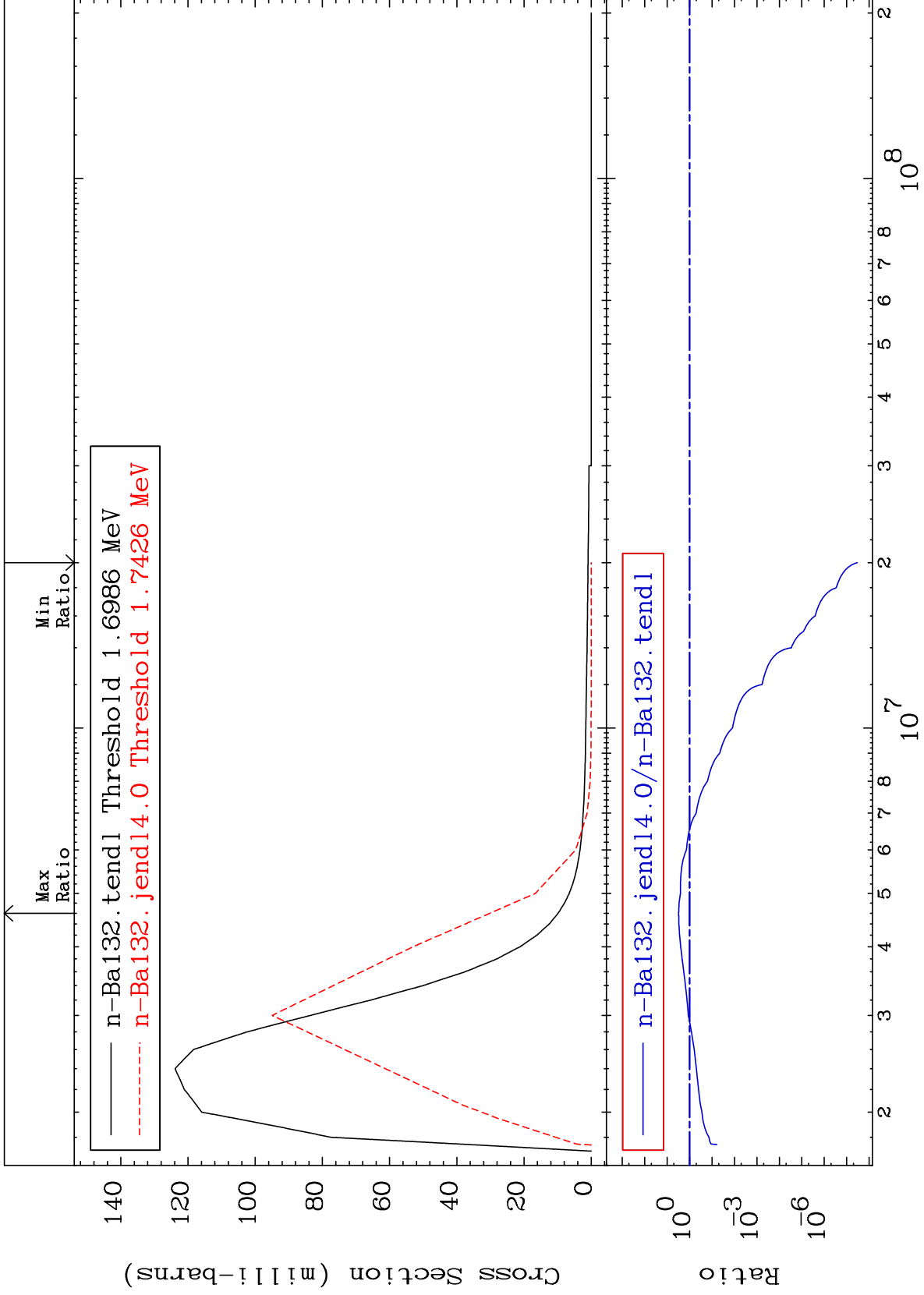
56-Ba-132  
-67.87 To 2404. %



MAT 5631

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

56-Ba-132  
-100.0 To 206.6 %



14

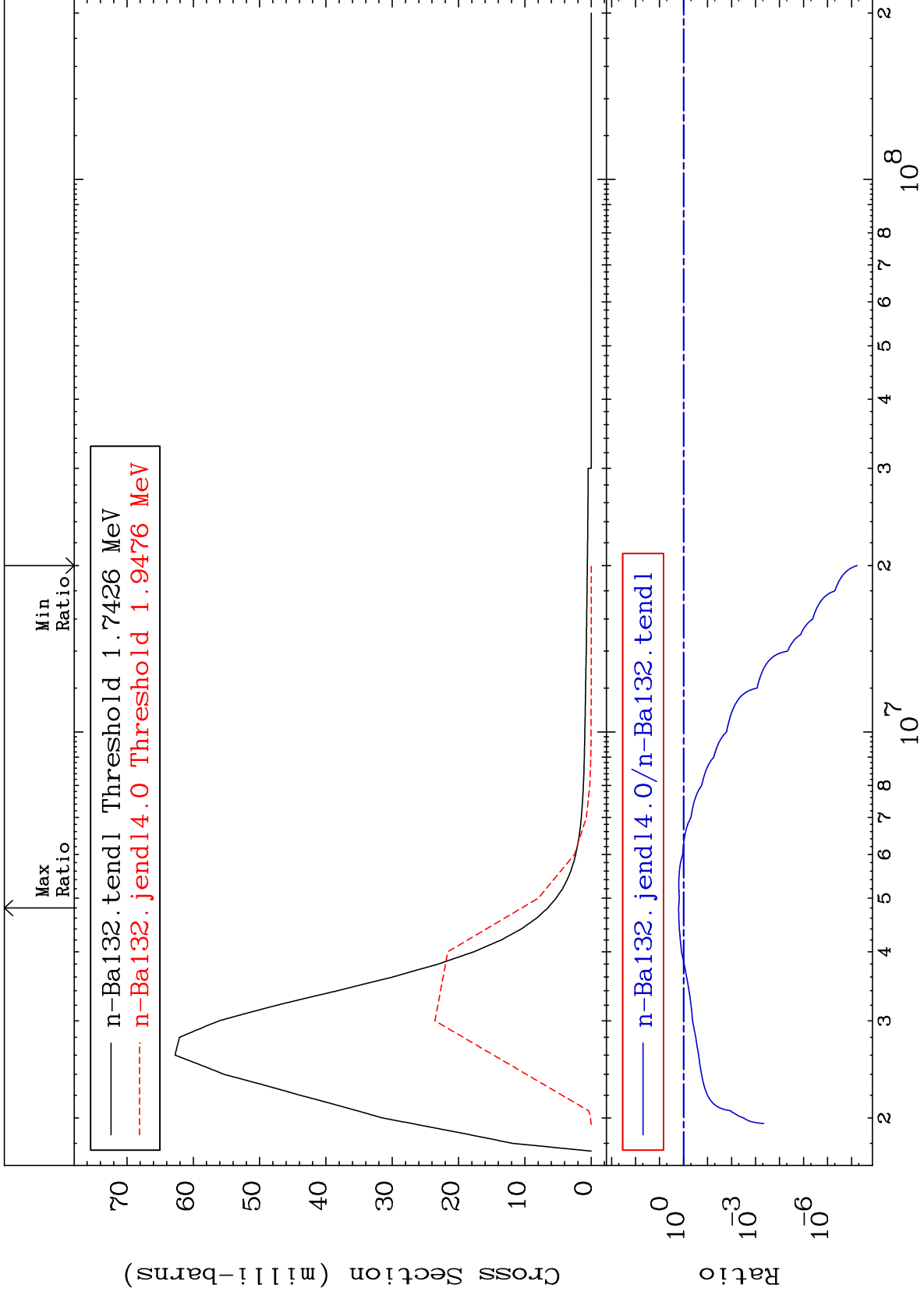
Incident Energy (eV)

56-Ba-132

MAT 5631

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

56-Ba-132  
-100.0 To 60.10 %



15

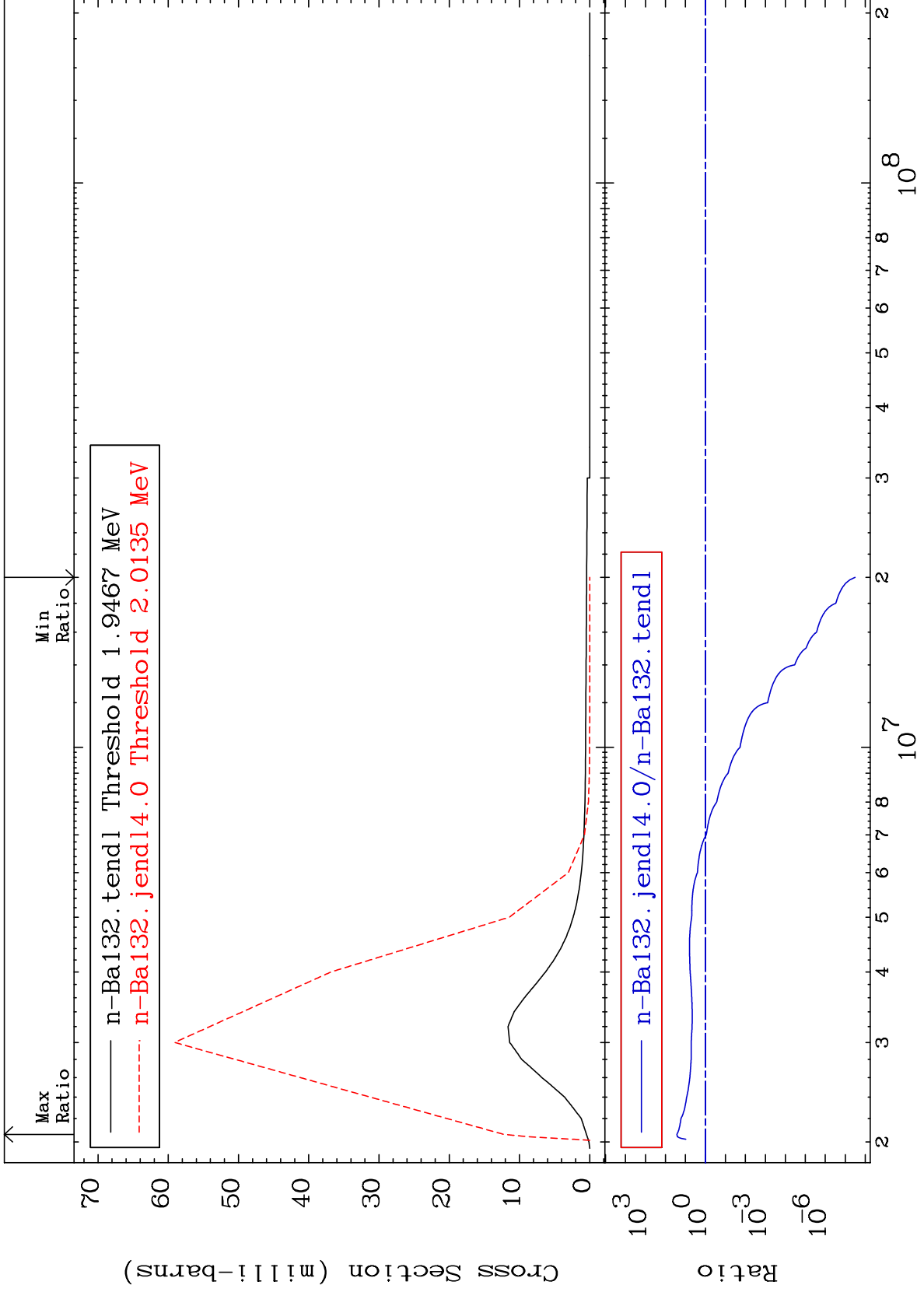
Incident Energy (eV)

56-Ba-132

MAT 5631

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

56-Ba-132  
-100.0 To 2575. %

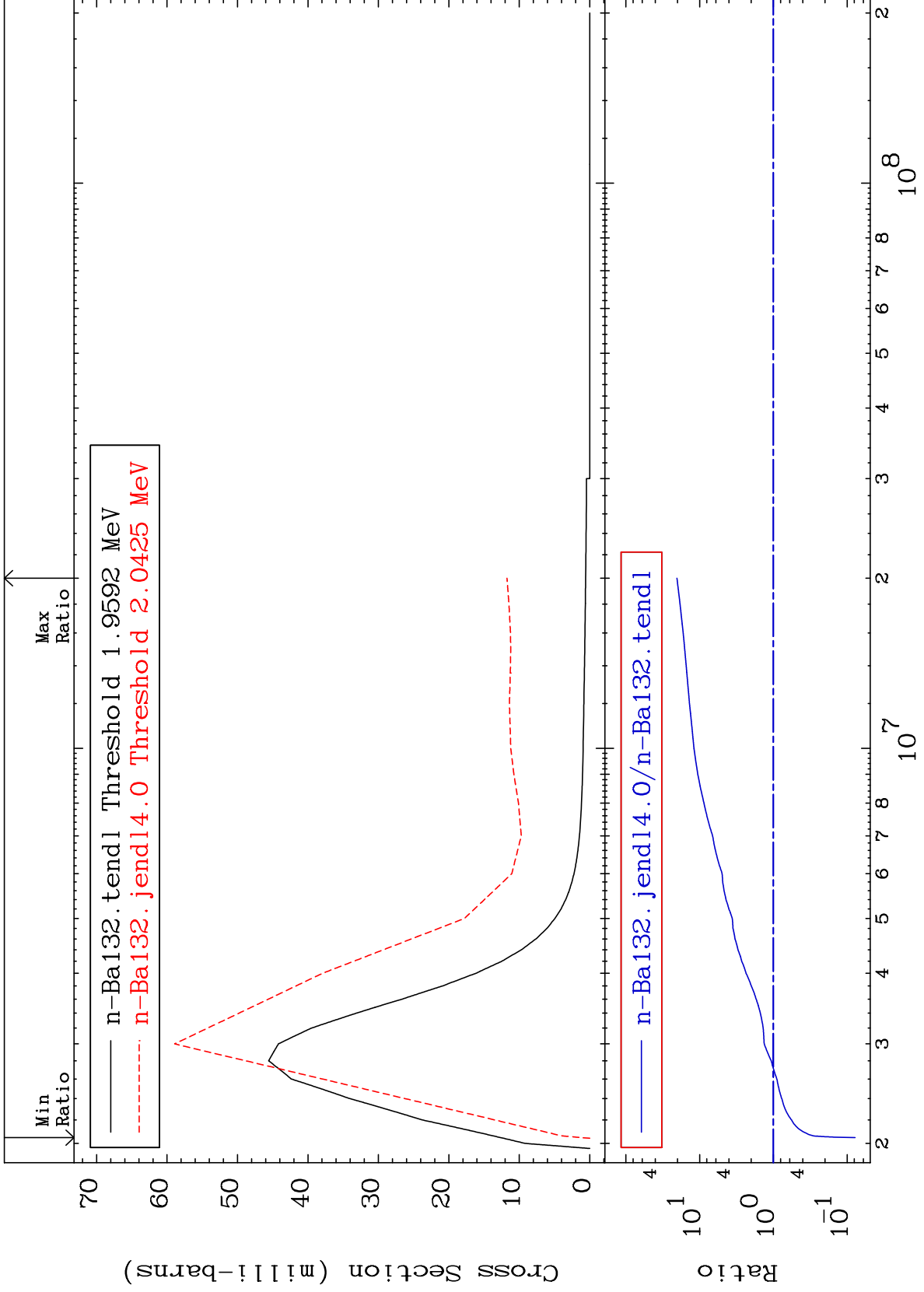




MAT 5631

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

56-Ba-132  
-92.20 To 1931. %



17

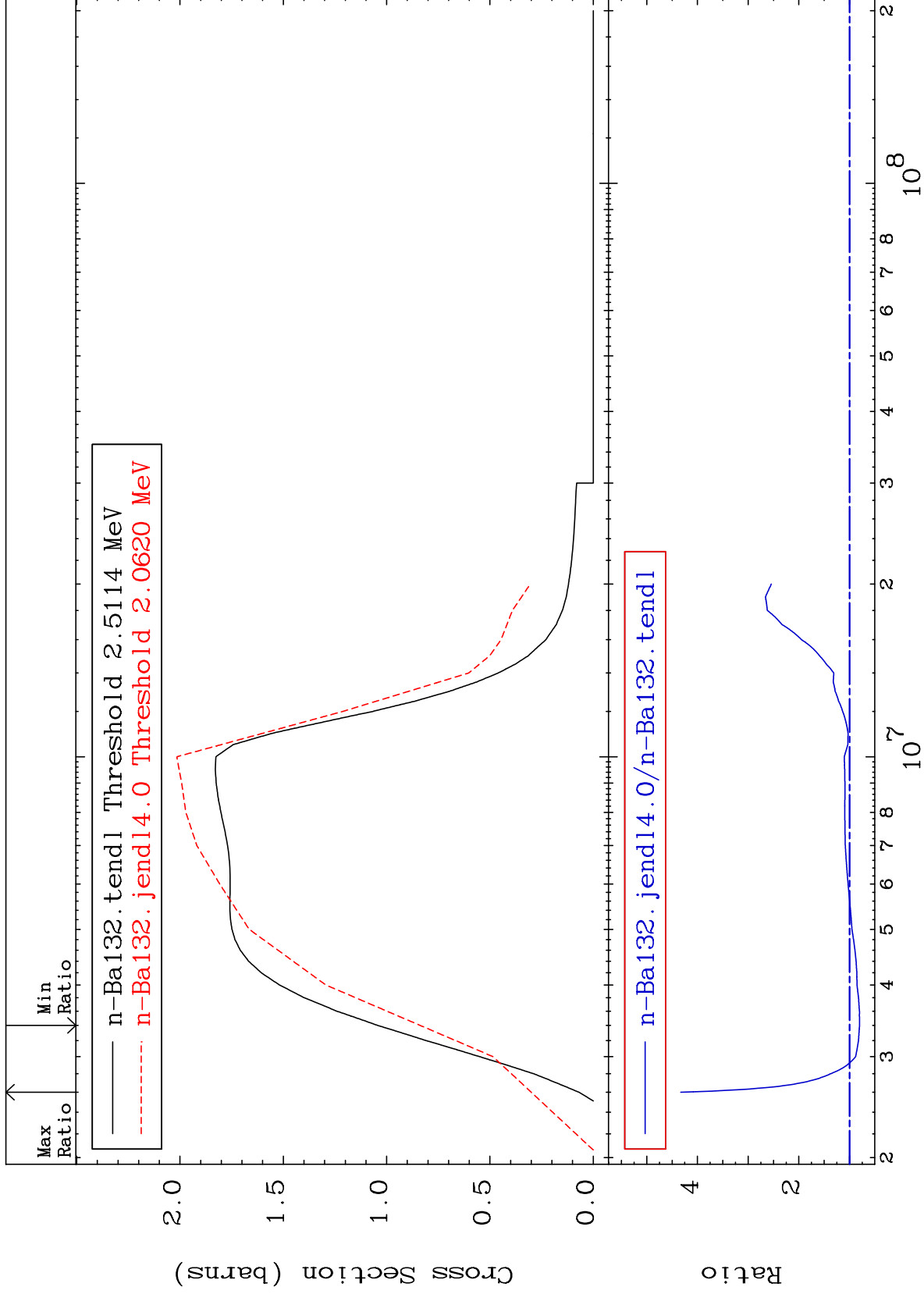
Incident Energy (eV)

56-Ba-132

MAT 5631

(n, n') Continuum  
Cross Section

56-Ba-132  
-19.75 To 332.9 %



18

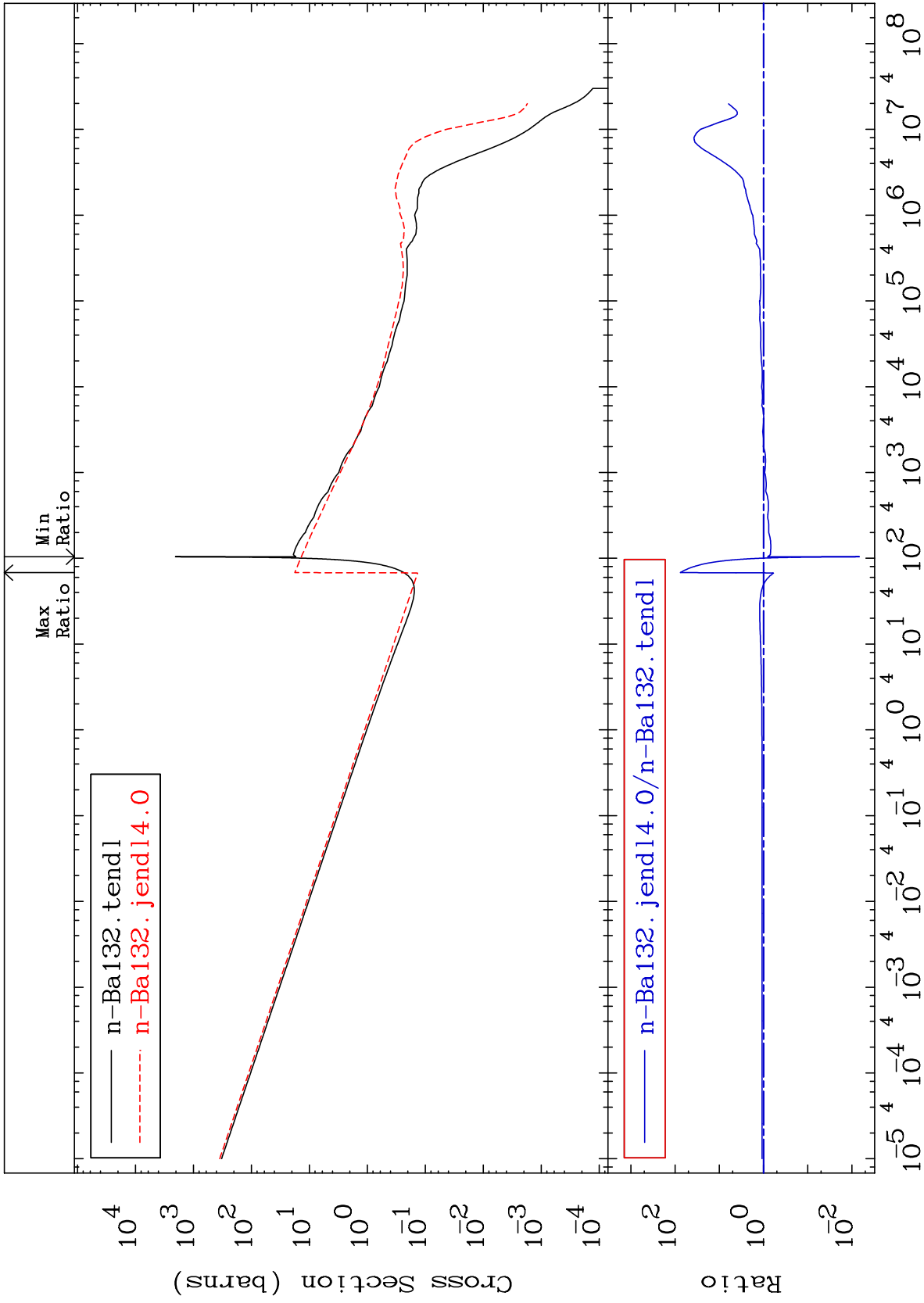
Incident Energy (eV)

56-Ba-132

MAT 5631

(n,  $\gamma$ )  
Cross Section

56-Ba-132  
-99.32 To 7509. %



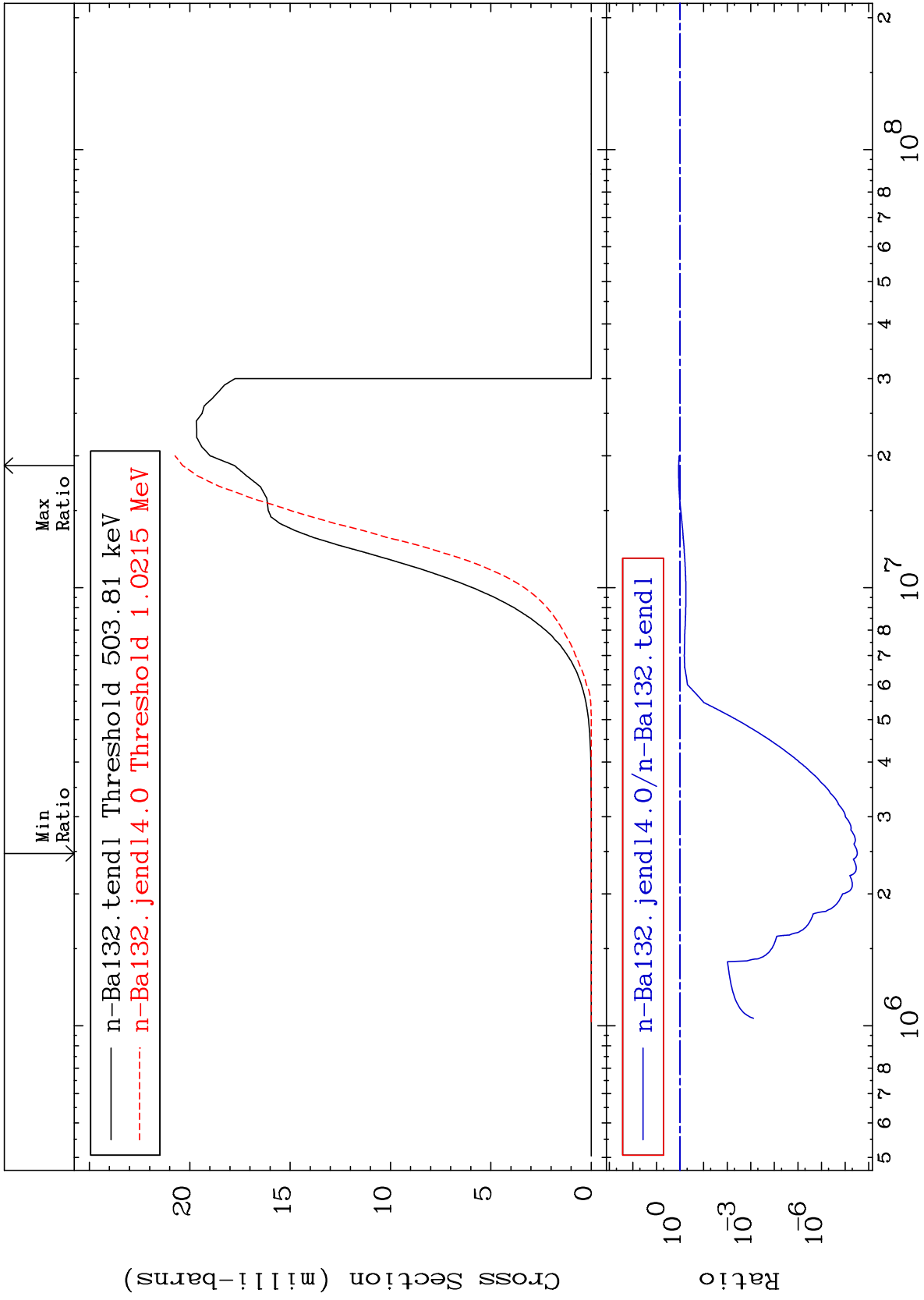
19

Incident Energy (eV)

56-Ba-132

MAT 5631

(n, p)  
Cross Section  
56-Ba-132  
-100.0 To 14.54 %



20

Incident Energy (eV)

56-Ba-132

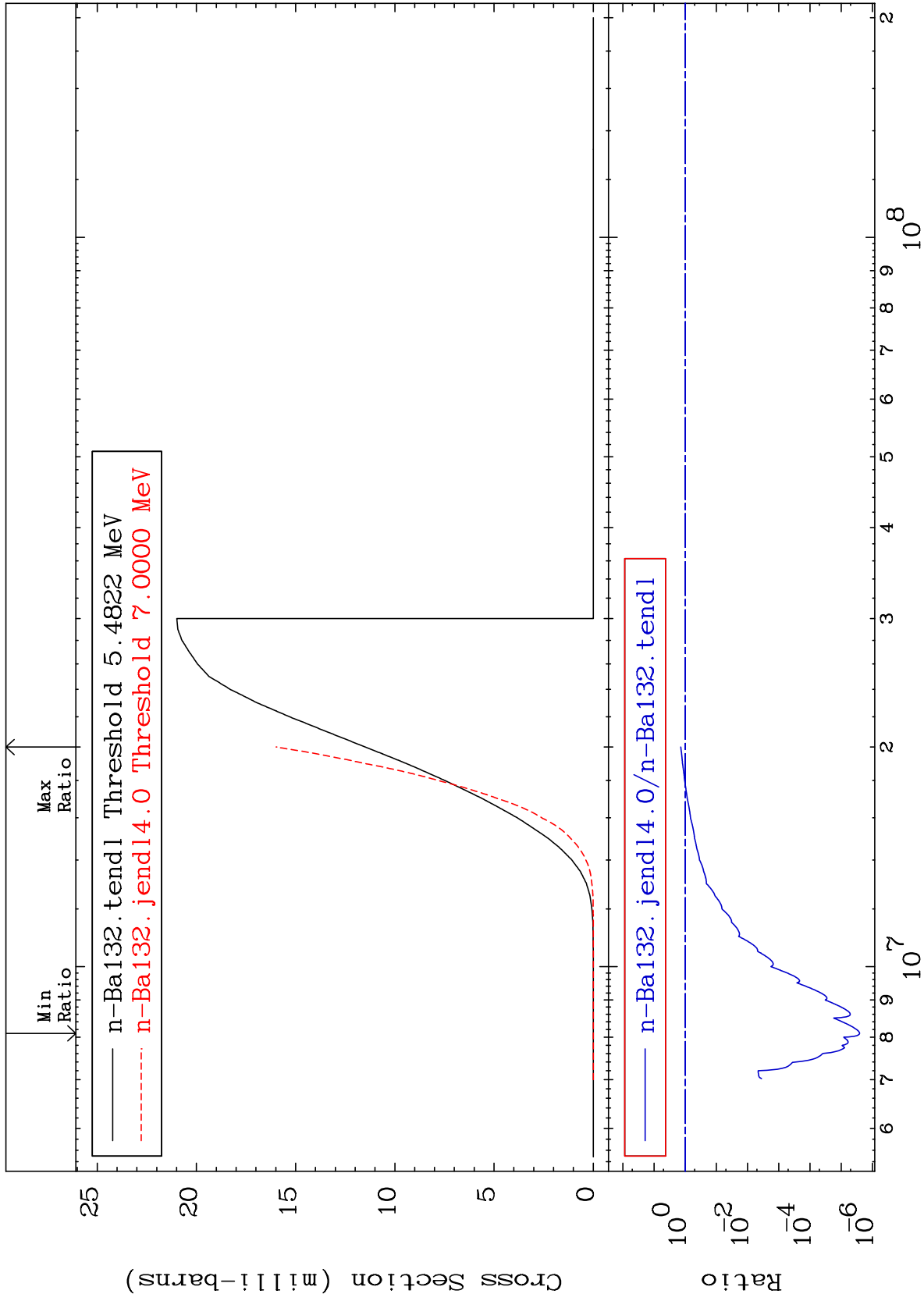
MAT 5631

(n, d)

56-Ba-132

Cross Section

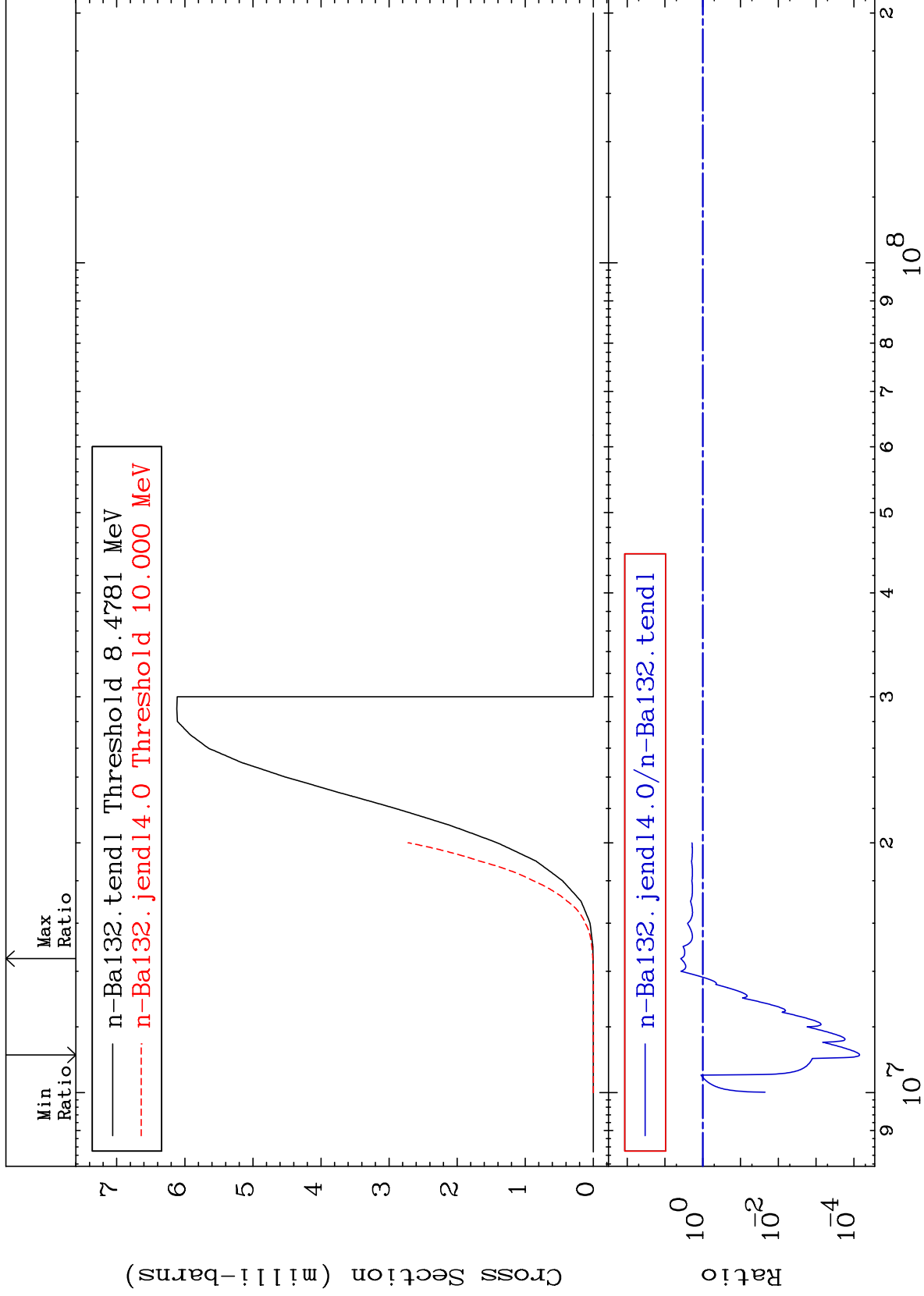
-100.0 To 39.03 %



MAT 5631

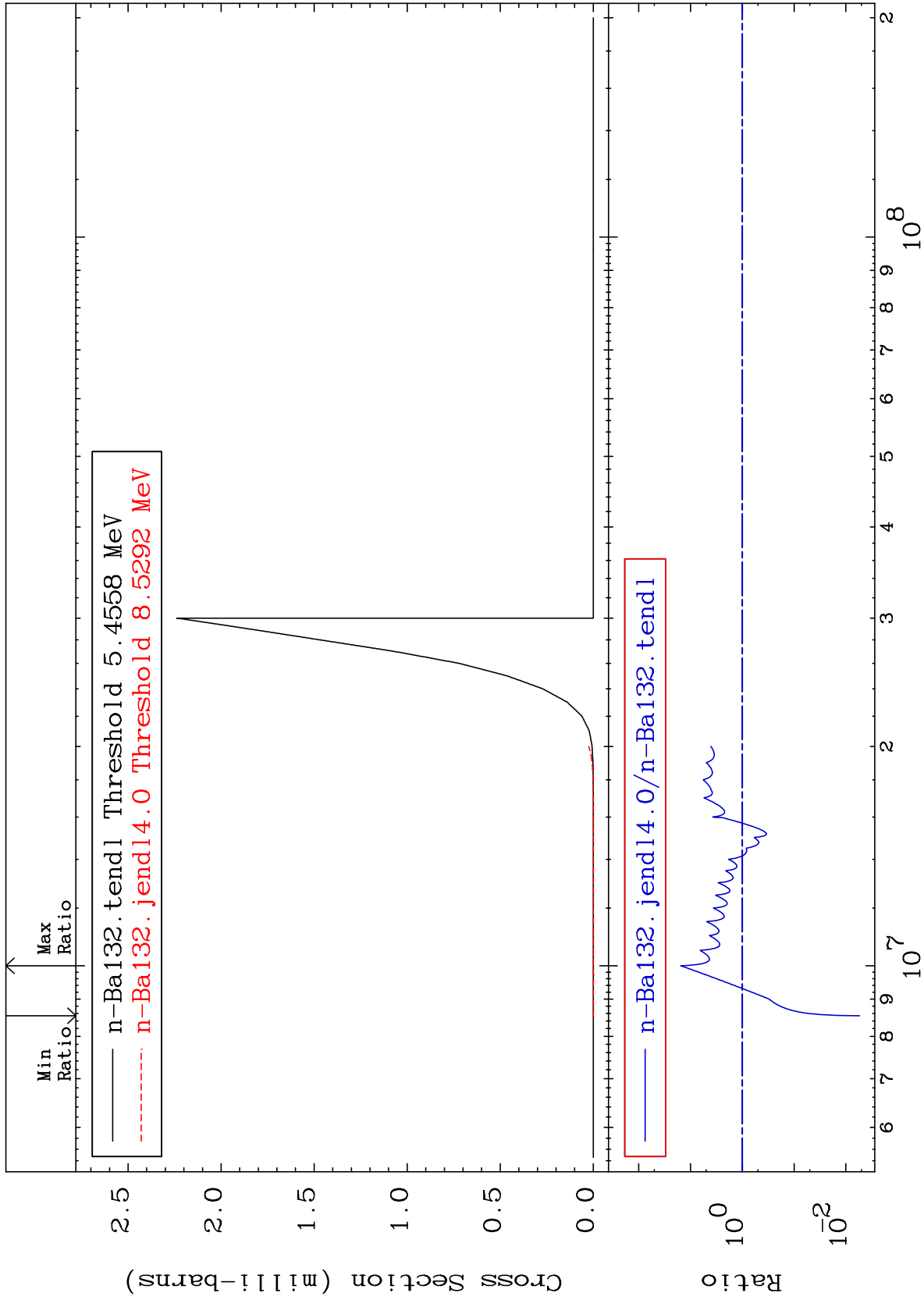
(n, t)  
Cross Section

56-Ba-132  
-99.99 To 282.5 %



Cross Section

-99.46 To 1445. %



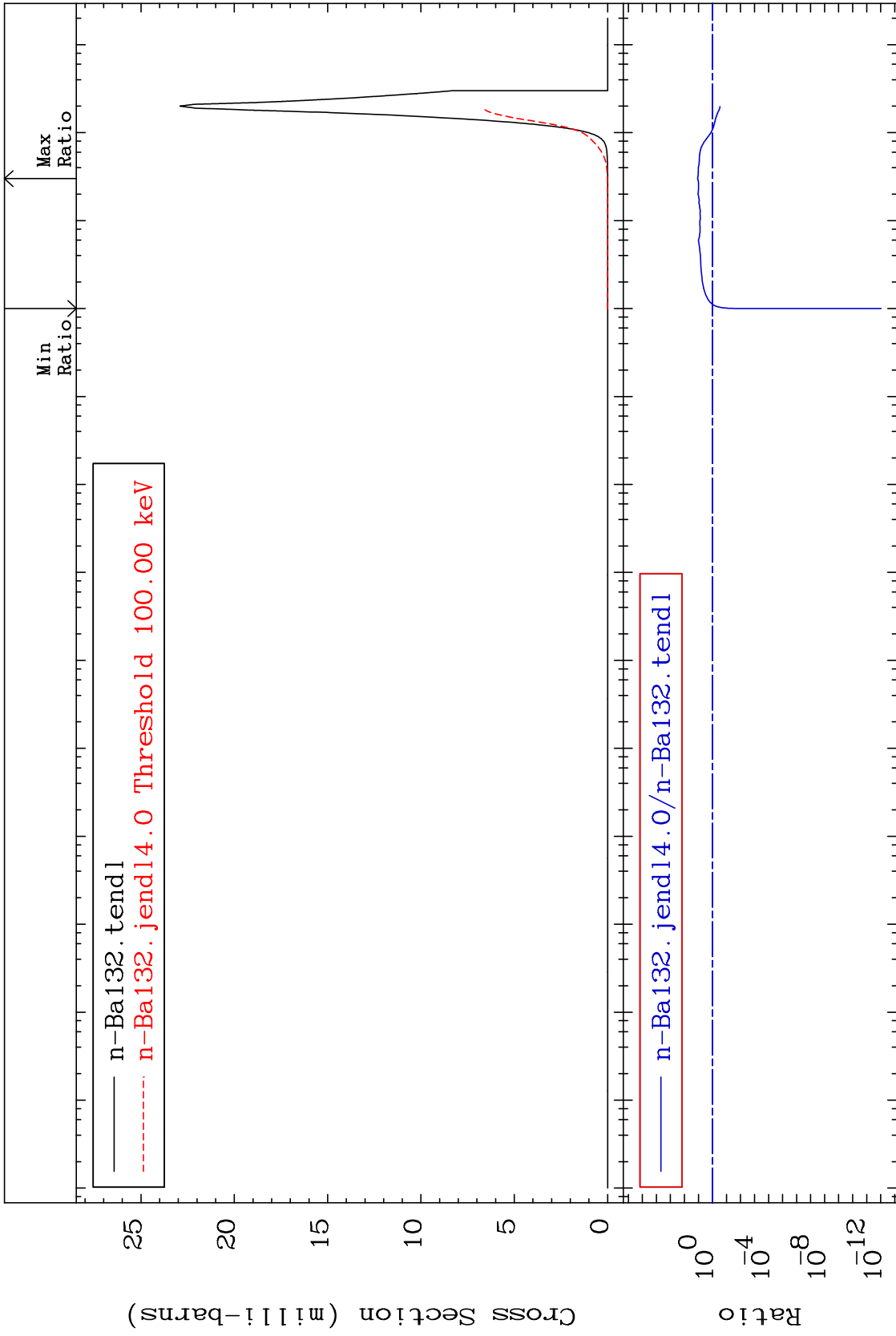
MAT 5631

(n,  $\alpha$ )

56-Ba-132

Cross Section

-100.0 To 1067. %

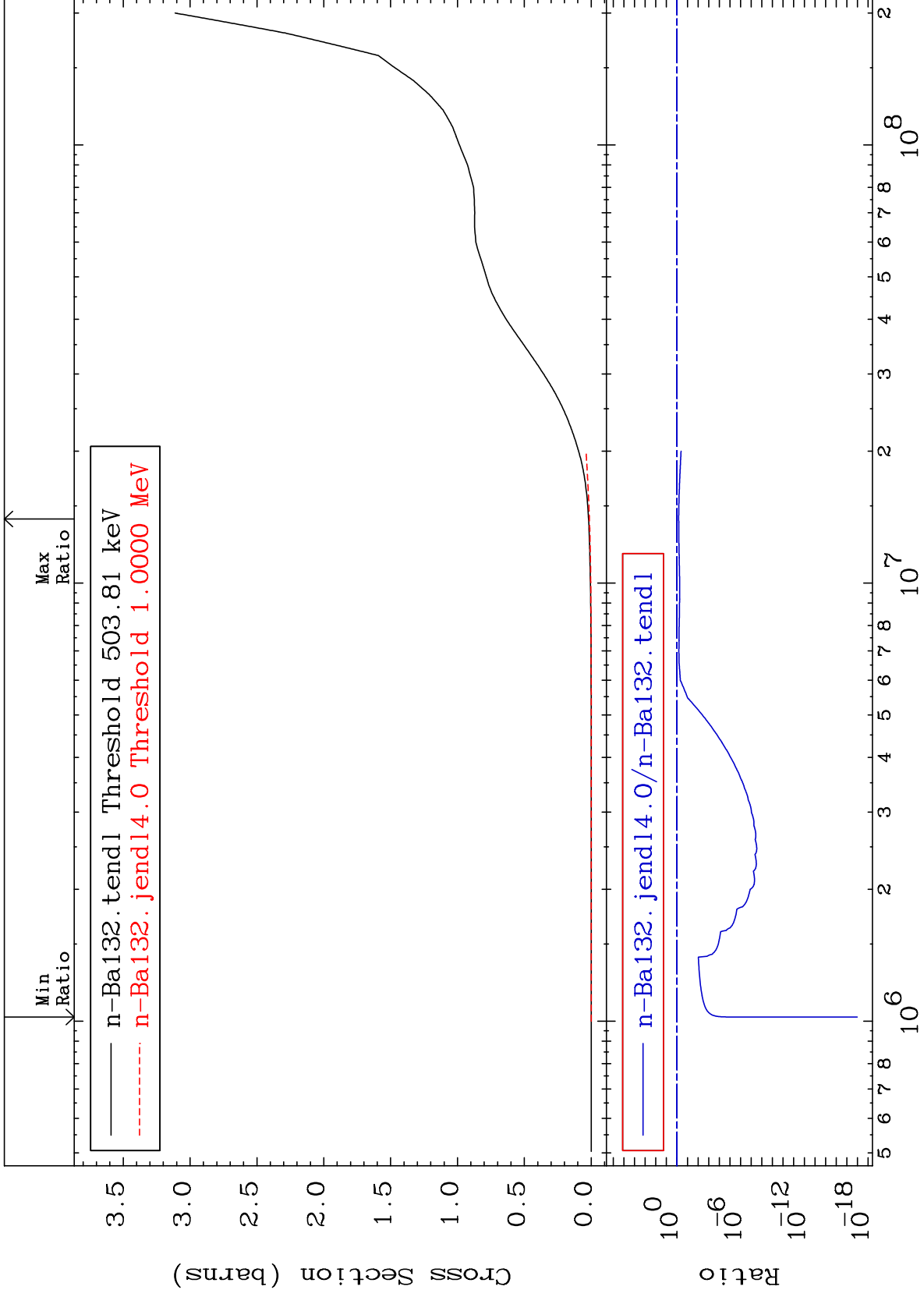


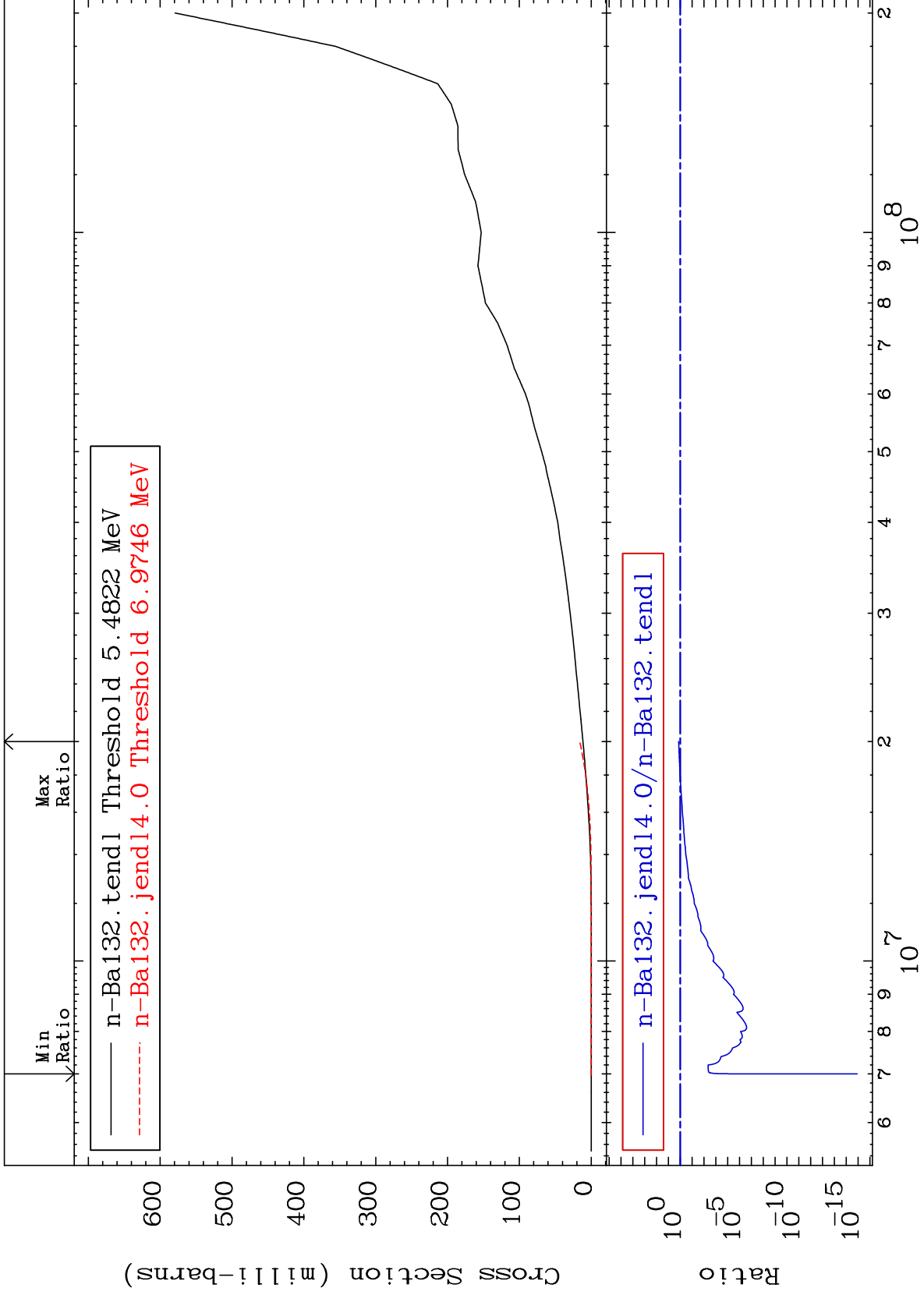
24

Incident Energy (eV)

56-Ba-132



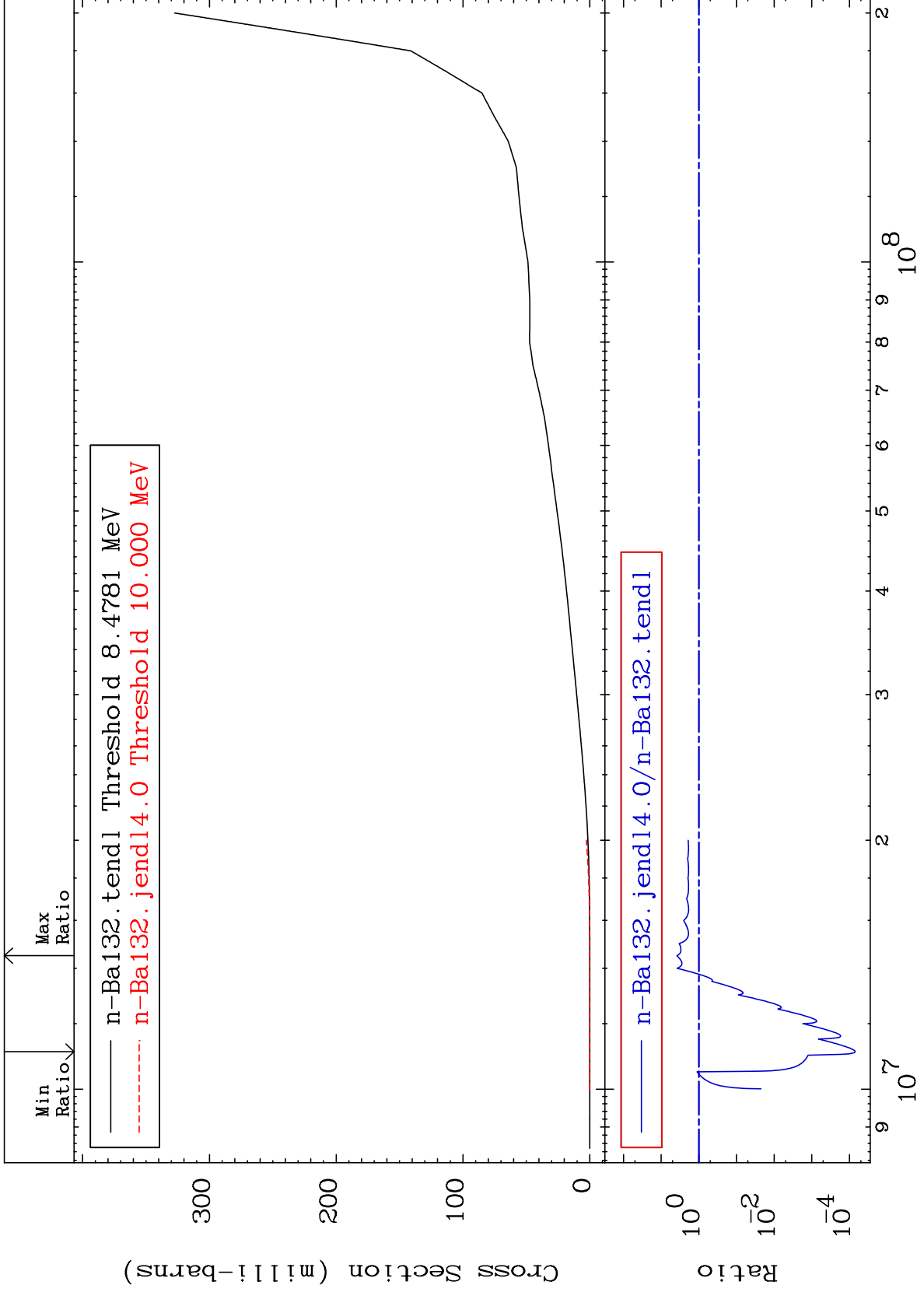




MAT 5631

Tritium Production  
Cross Section

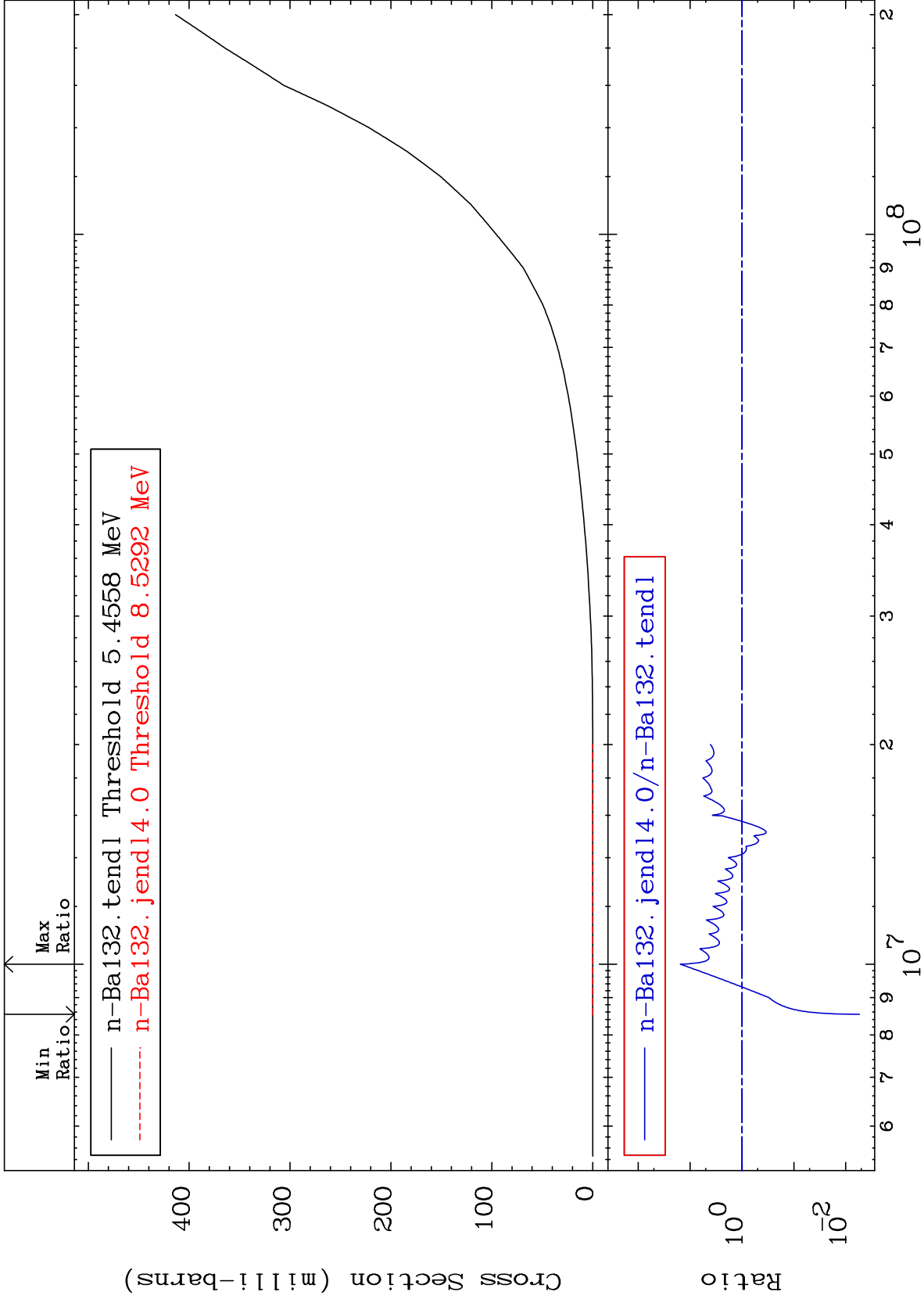
56-Ba-132  
-99.99 To 282.5 %



27

Incident Energy (eV)

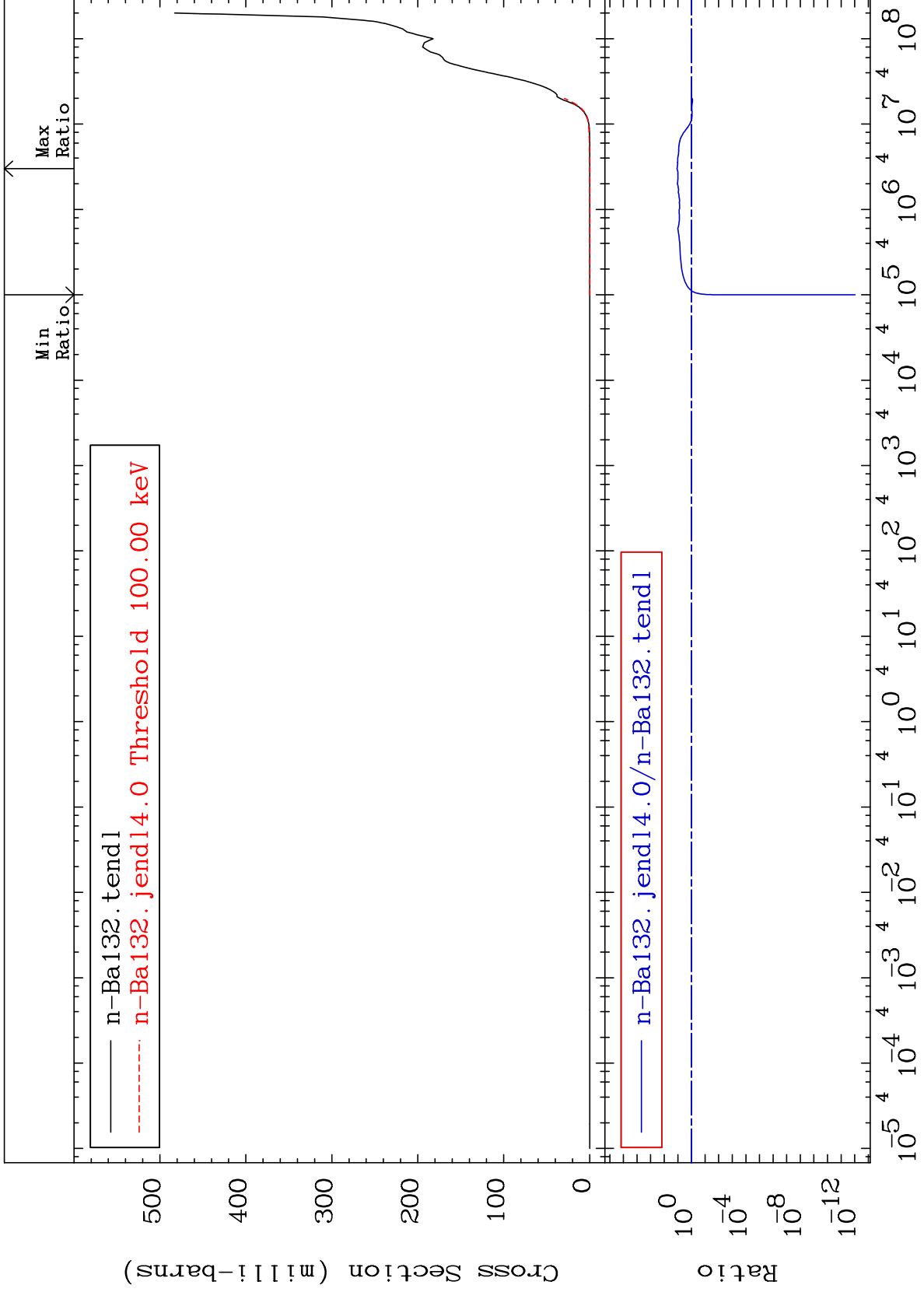
56-Ba-132



MAT 5631

He-4 Production  
Cross Section

56-Ba-132  
-100.0 To 1067. %



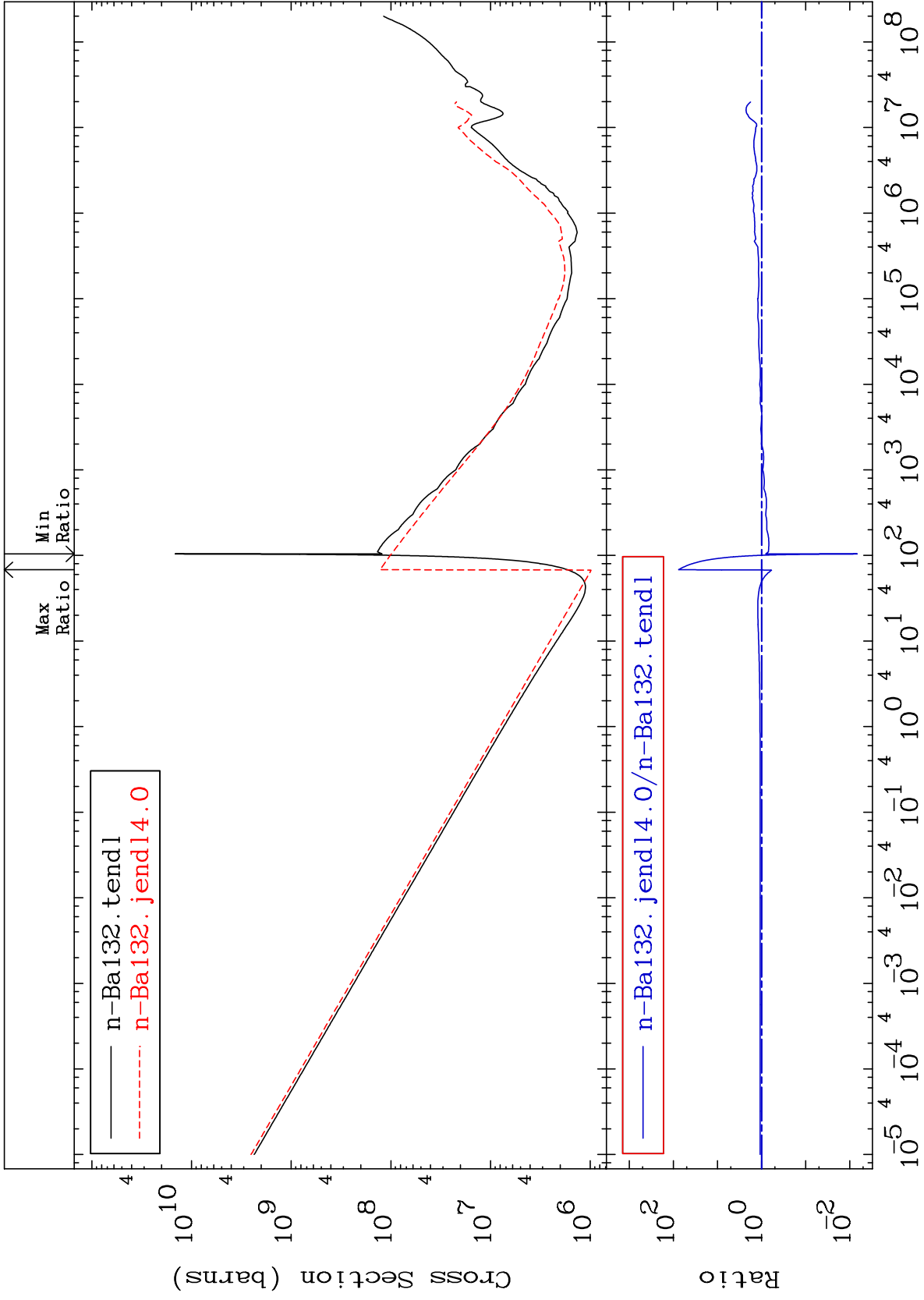
MAT 5631

Kerma total (eV-barns)

56-Ba-132

Cross Section

-99.32 To 7507. %



30

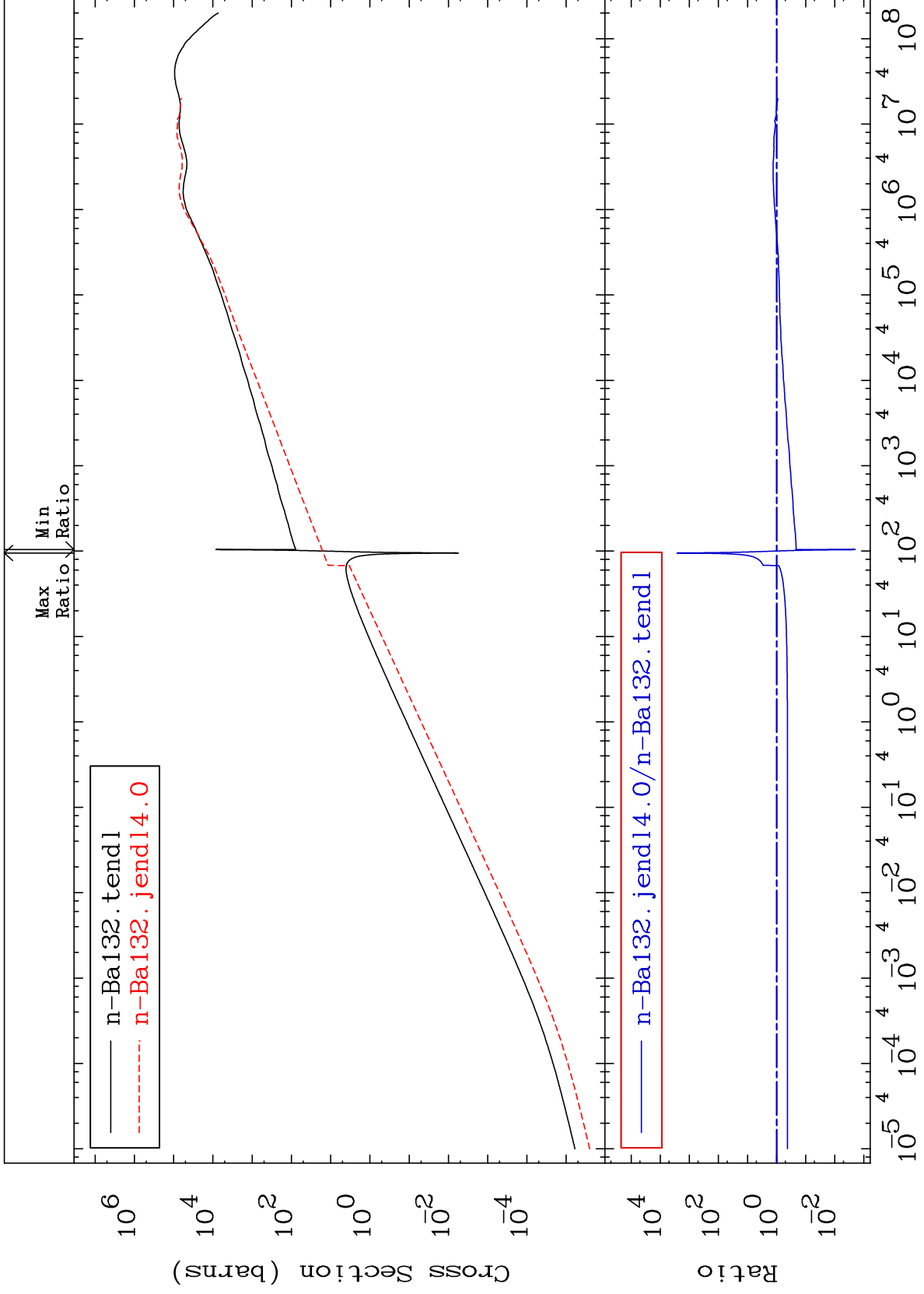
Incident Energy (eV)

56-Ba-132

MAT 5631

Kerma elastic  
Cross Section

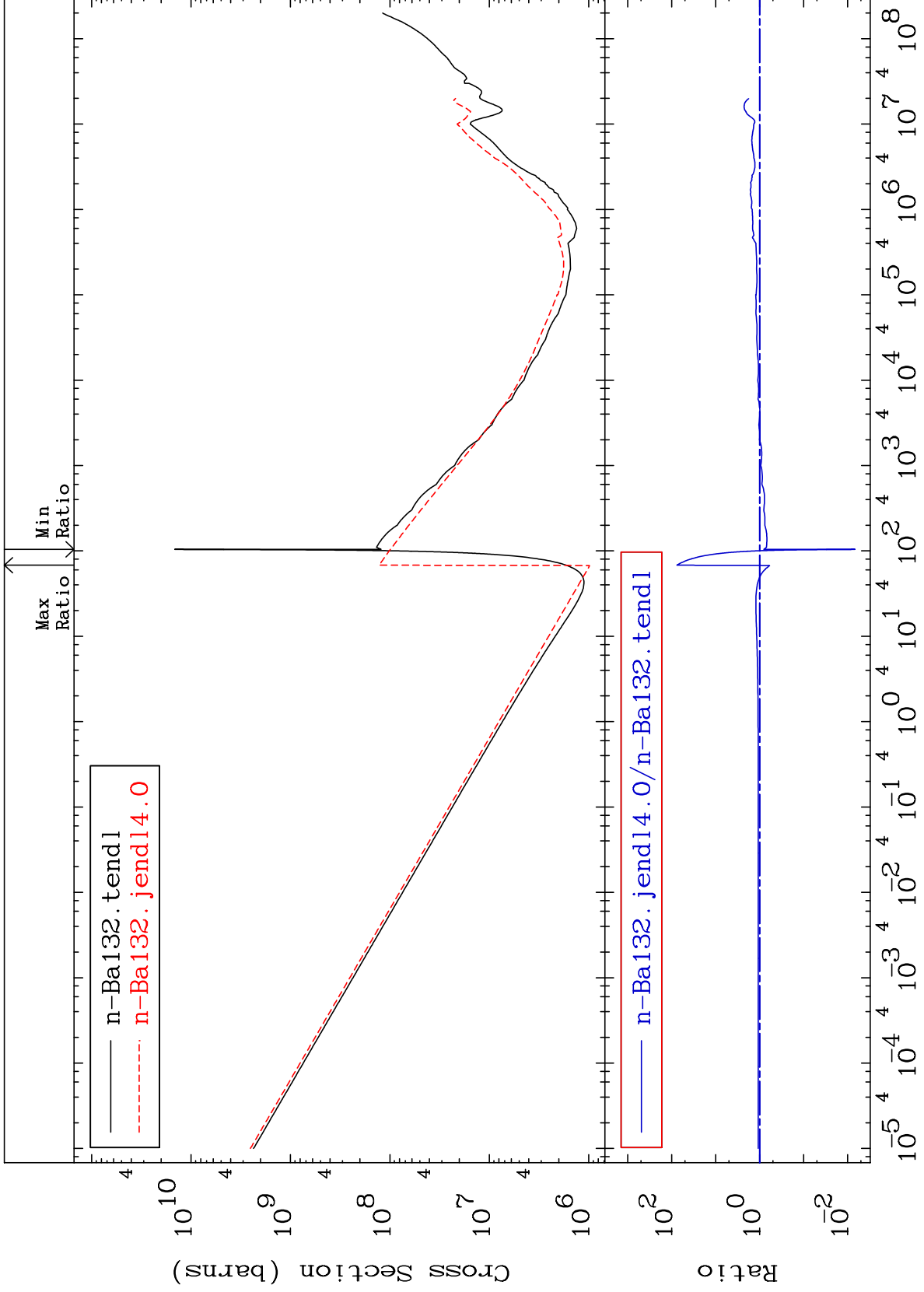
56-Ba-132  
-99.80 To 9999. %



MAT 5631

Kerma non-elastic (all but mt2)  
Cross Section

56-Ba-132  
-99.32 To 7507. %

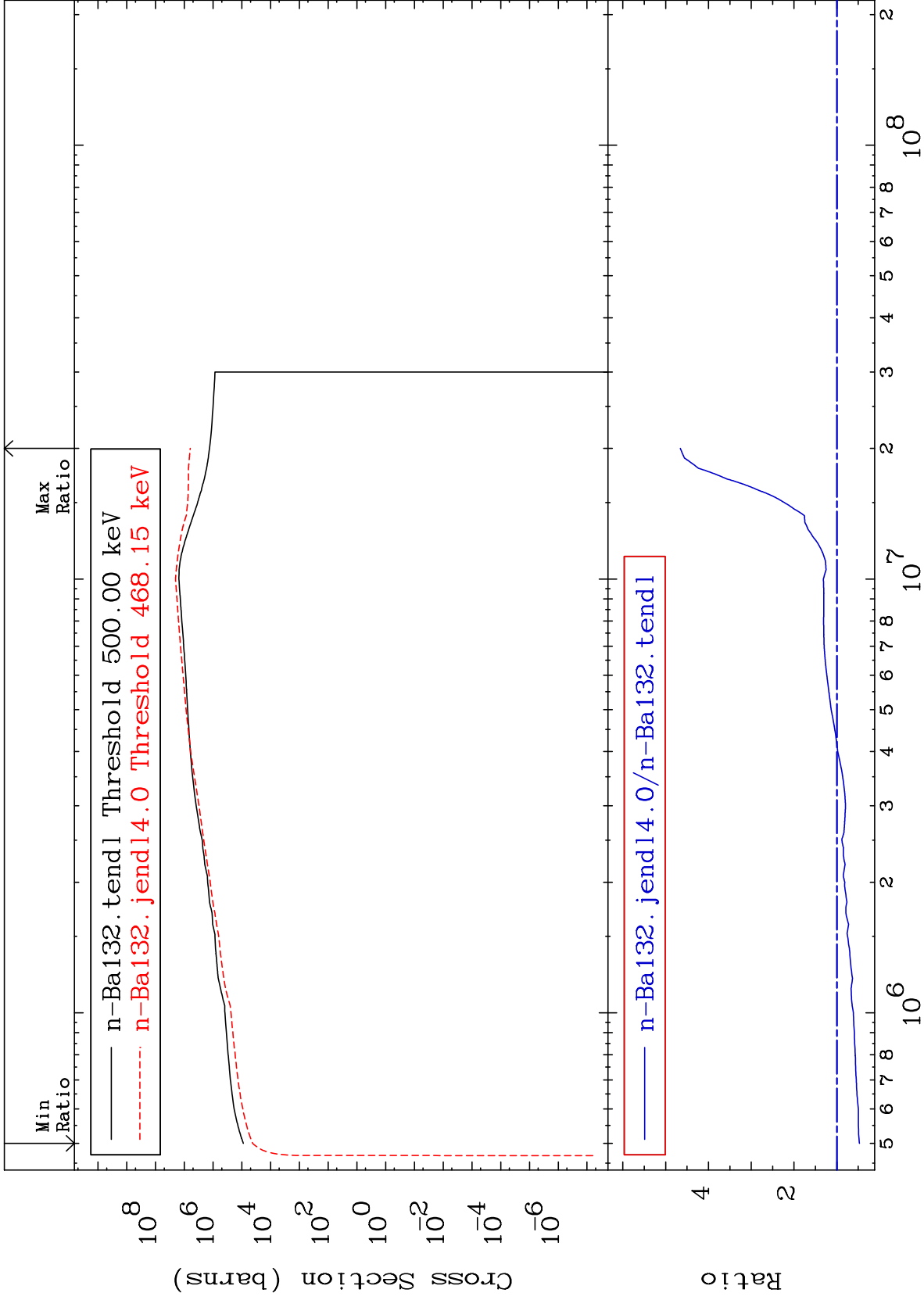


32

Incident Energy (eV)

56-Ba-132

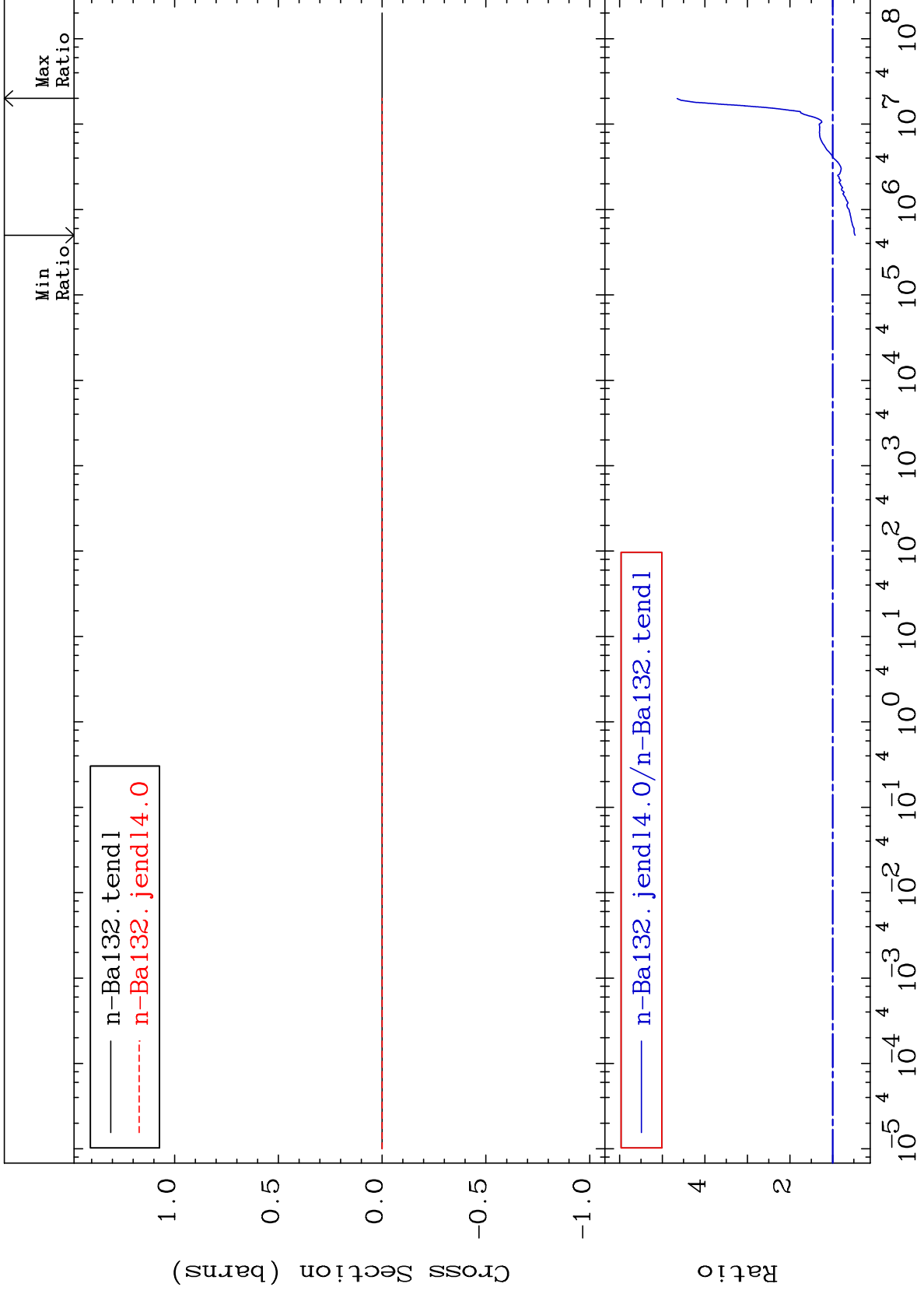




MAT 5631

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

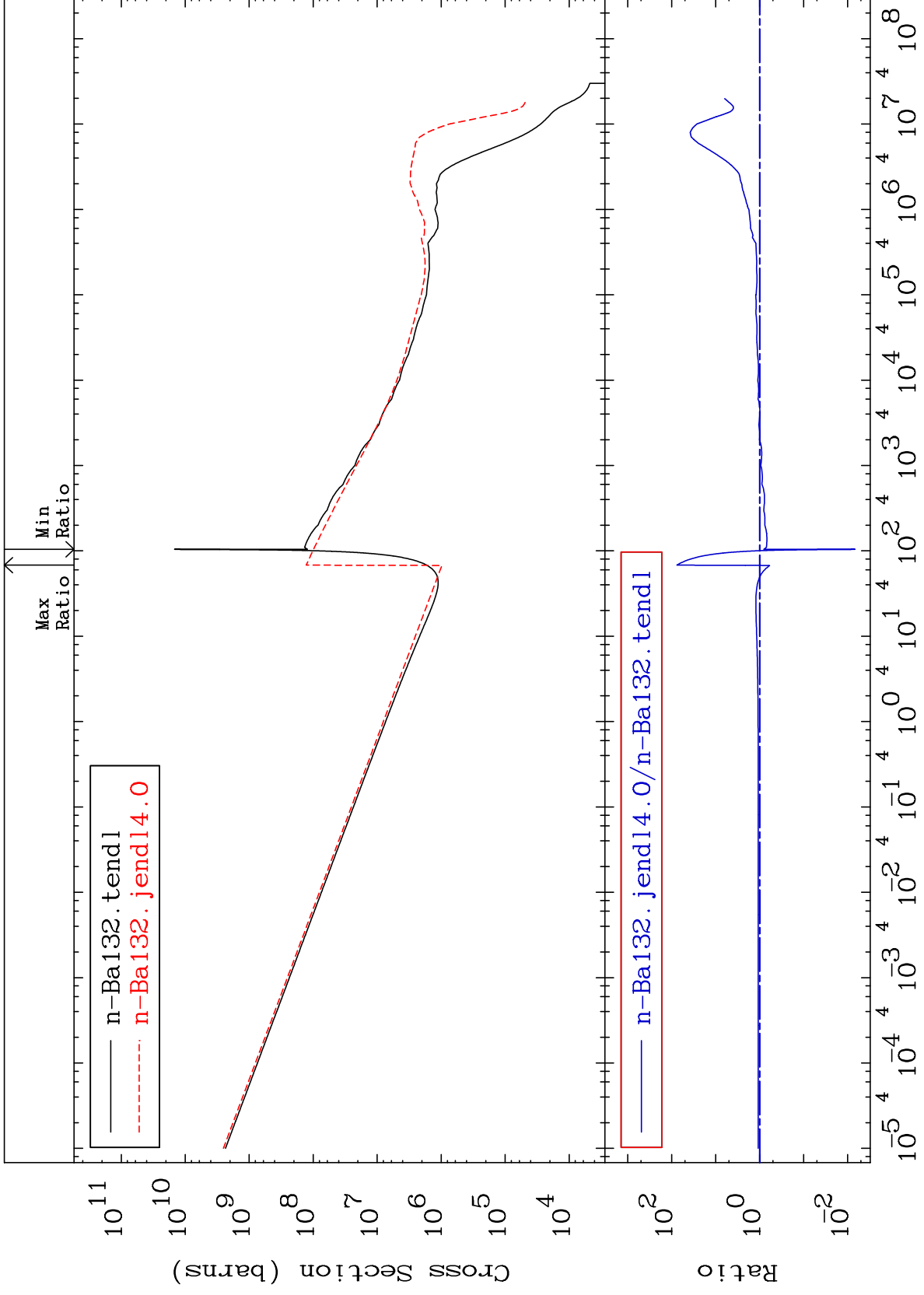
56-Ba-132  
-52.73 To 365.6 %



MAT 5631

Kerma capture (mt102)  
Cross Section

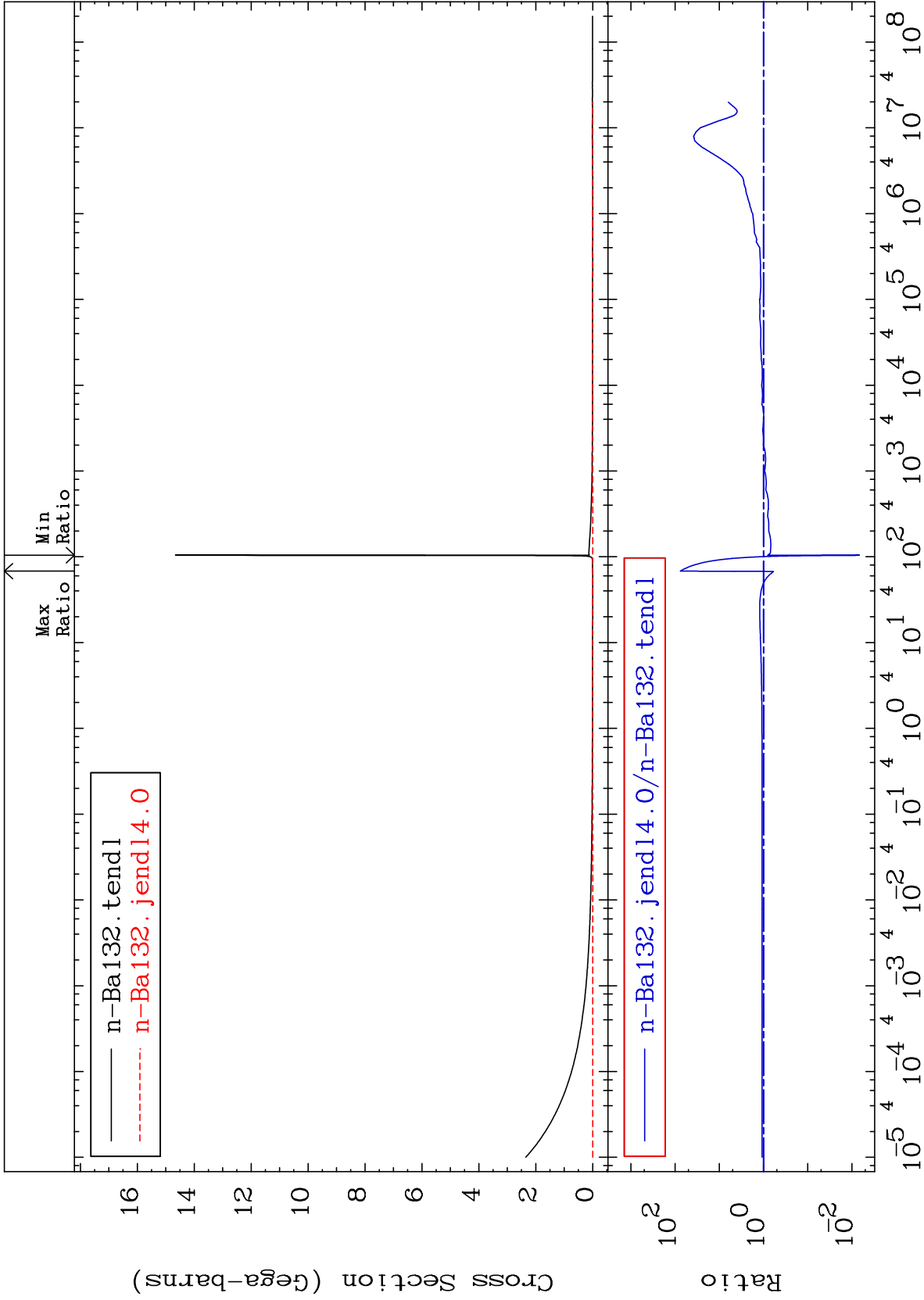
56-Ba-132  
-99.32 To 7507. %



35

Incident Energy (eV)

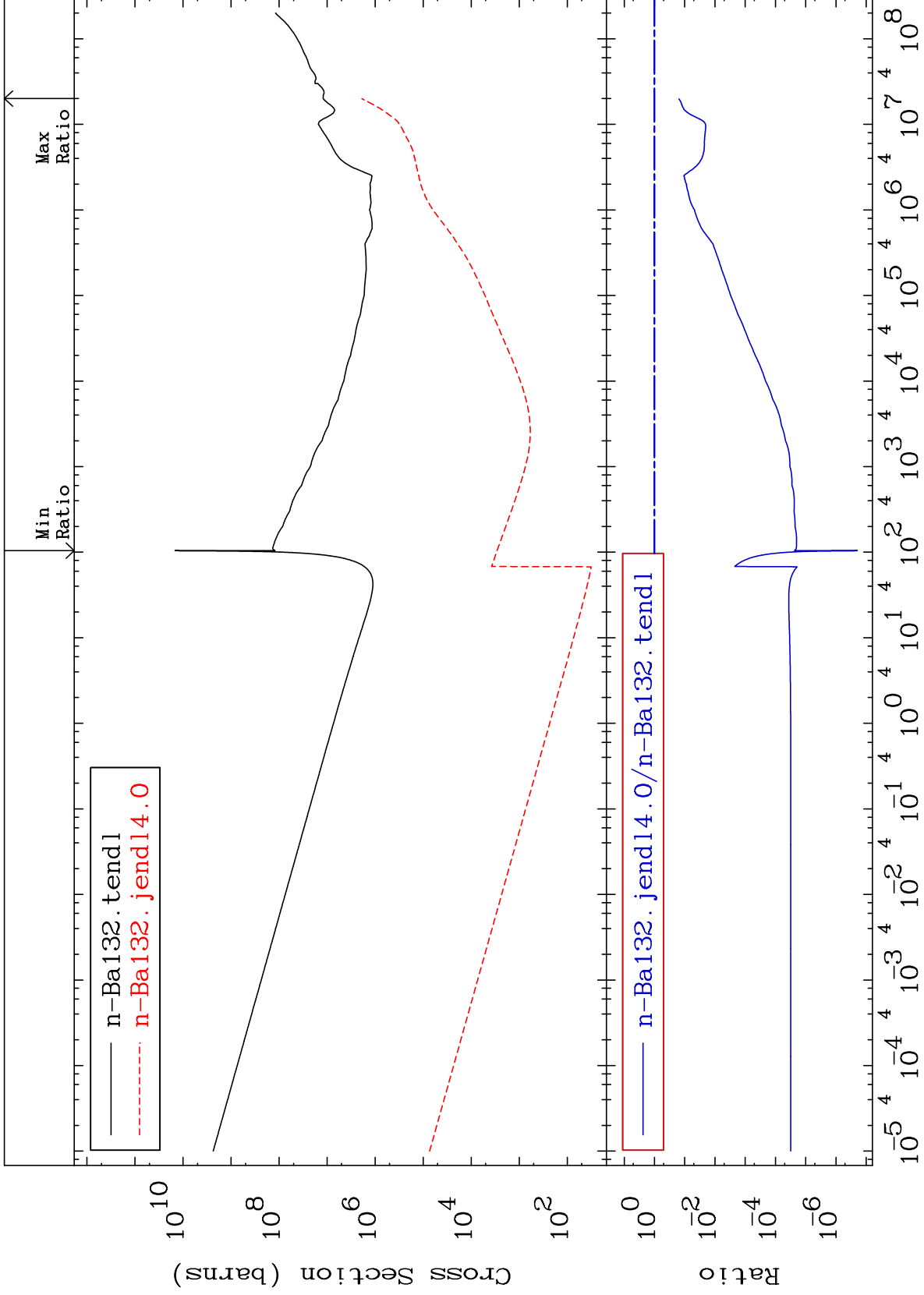
56-Ba-132



MAT 5631

Total kinematic kerma (high limit)  
Cross Section

56-Ba-132  
-100.0 To -84.12%



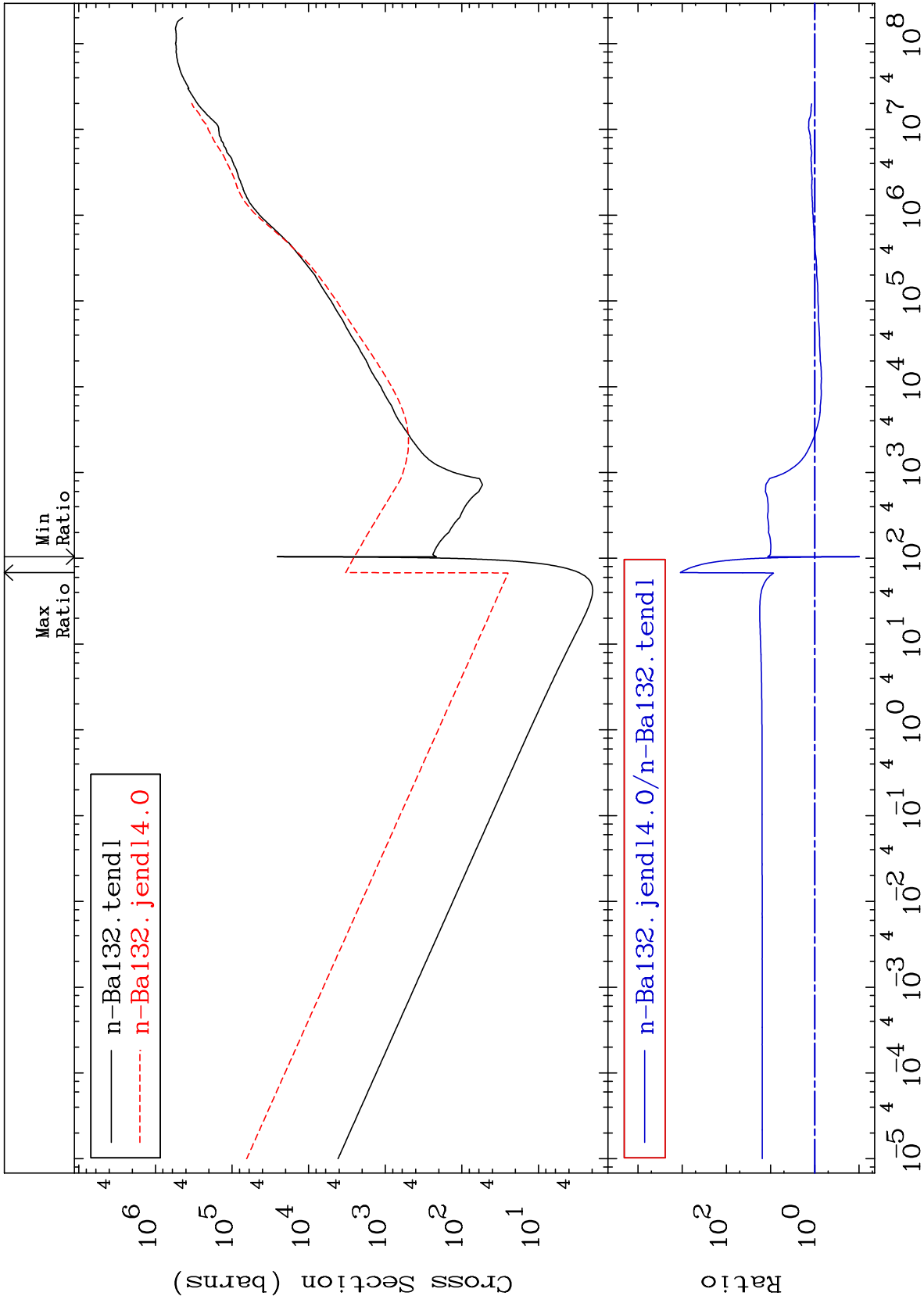
MAT 5631

Dpa total (eV-barns)

56-Ba-132

-90.19 To 9999. %

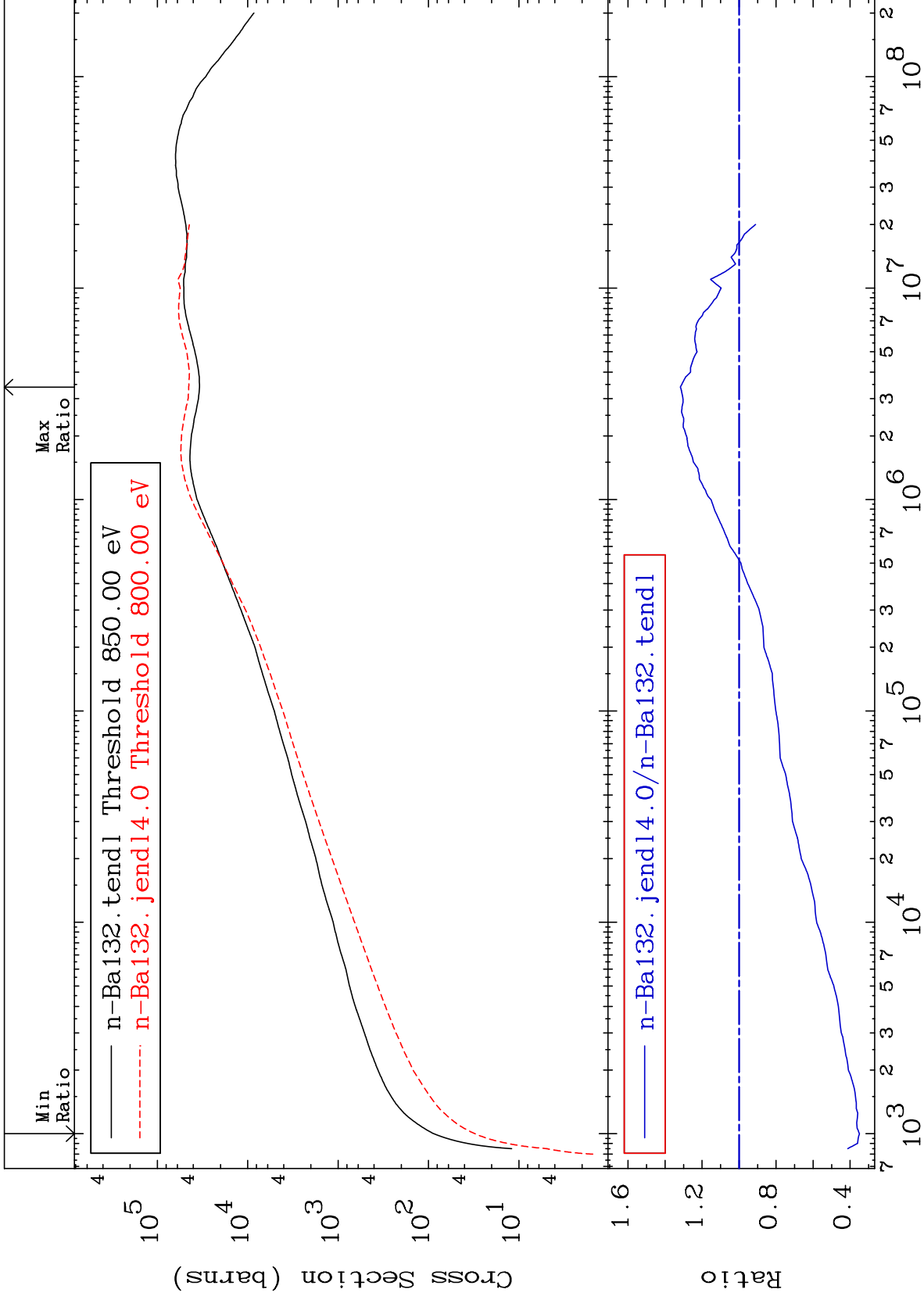
Cross Section



MAT 5631

Dpa elastic (mt2)  
Cross Section

56-Ba-132  
-65.04 To 31.74 %



39

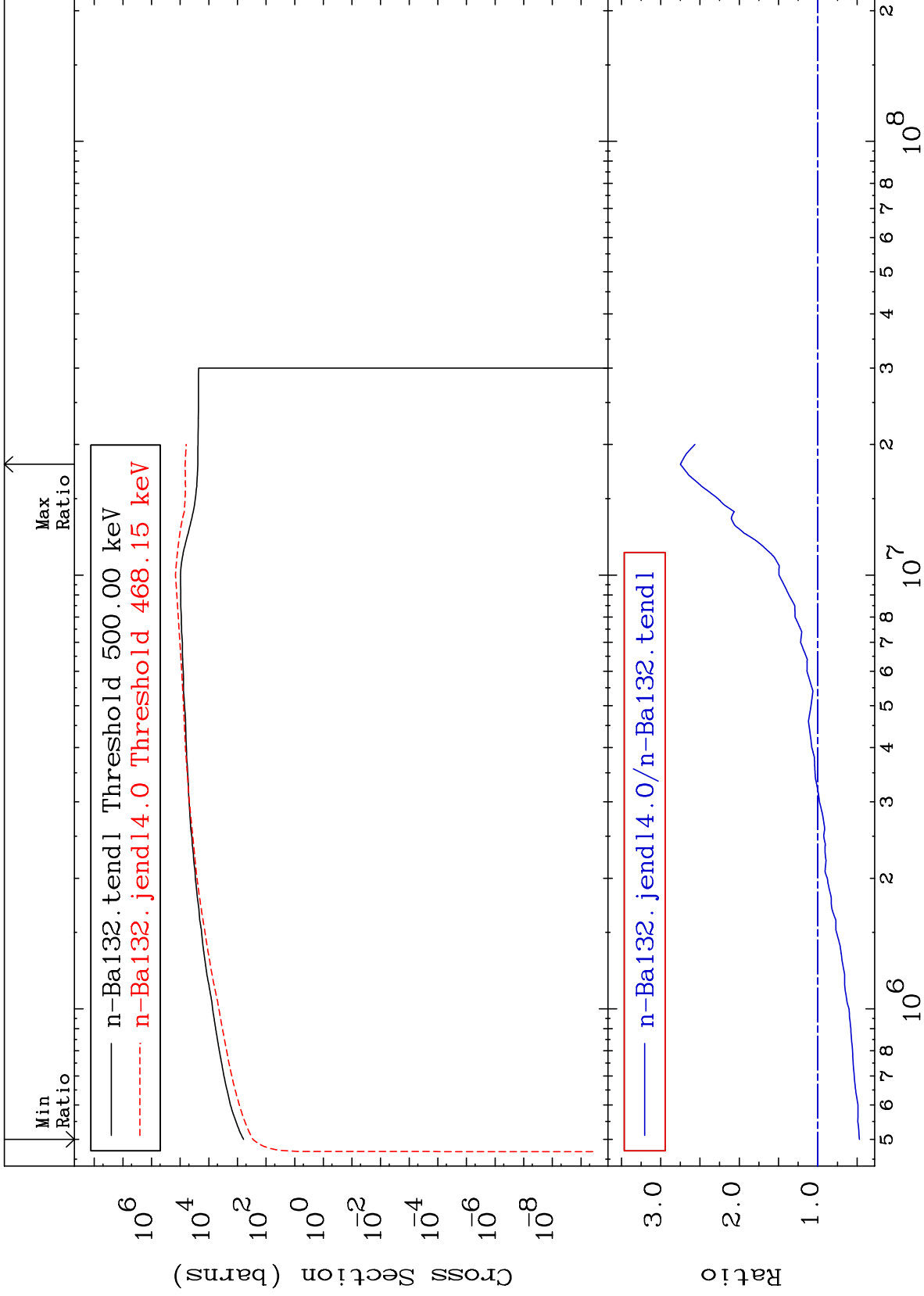
Incident Energy (eV)

56-Ba-132

MAT 5631

Dpa inelastic (mt51-91)  
Cross Section

56-Ba-132  
-53.01 To 175.0 %



40

Incident Energy (eV)

56-Ba-132



MAT 5631

Dpa disappearance (mt102 -120)  
Cross Section

56-Ba-132  
-90.19 To 9999. %

