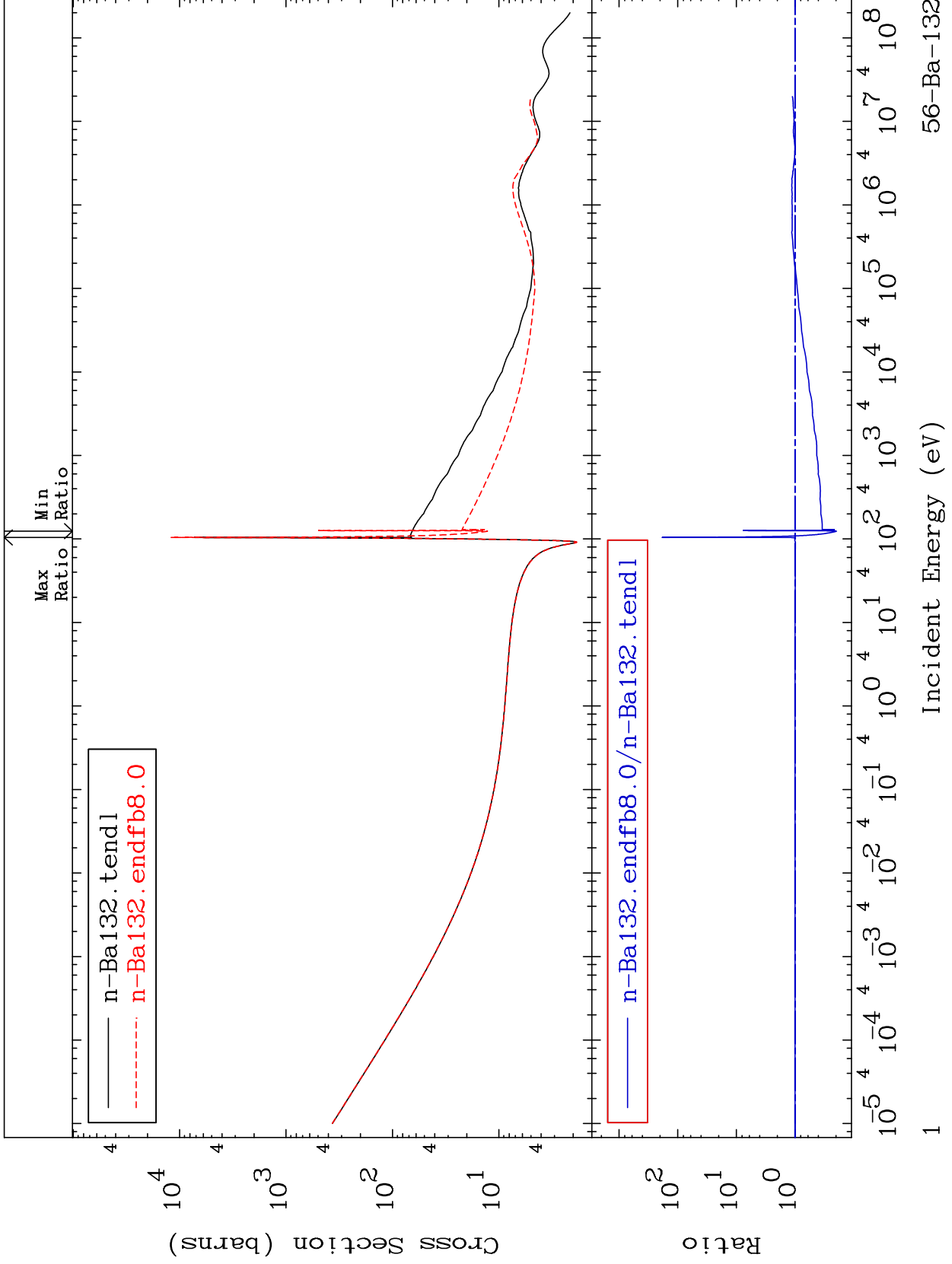


MAT 5631

Total
Cross Section

56-Ba-132
-80.47 To 9999. %

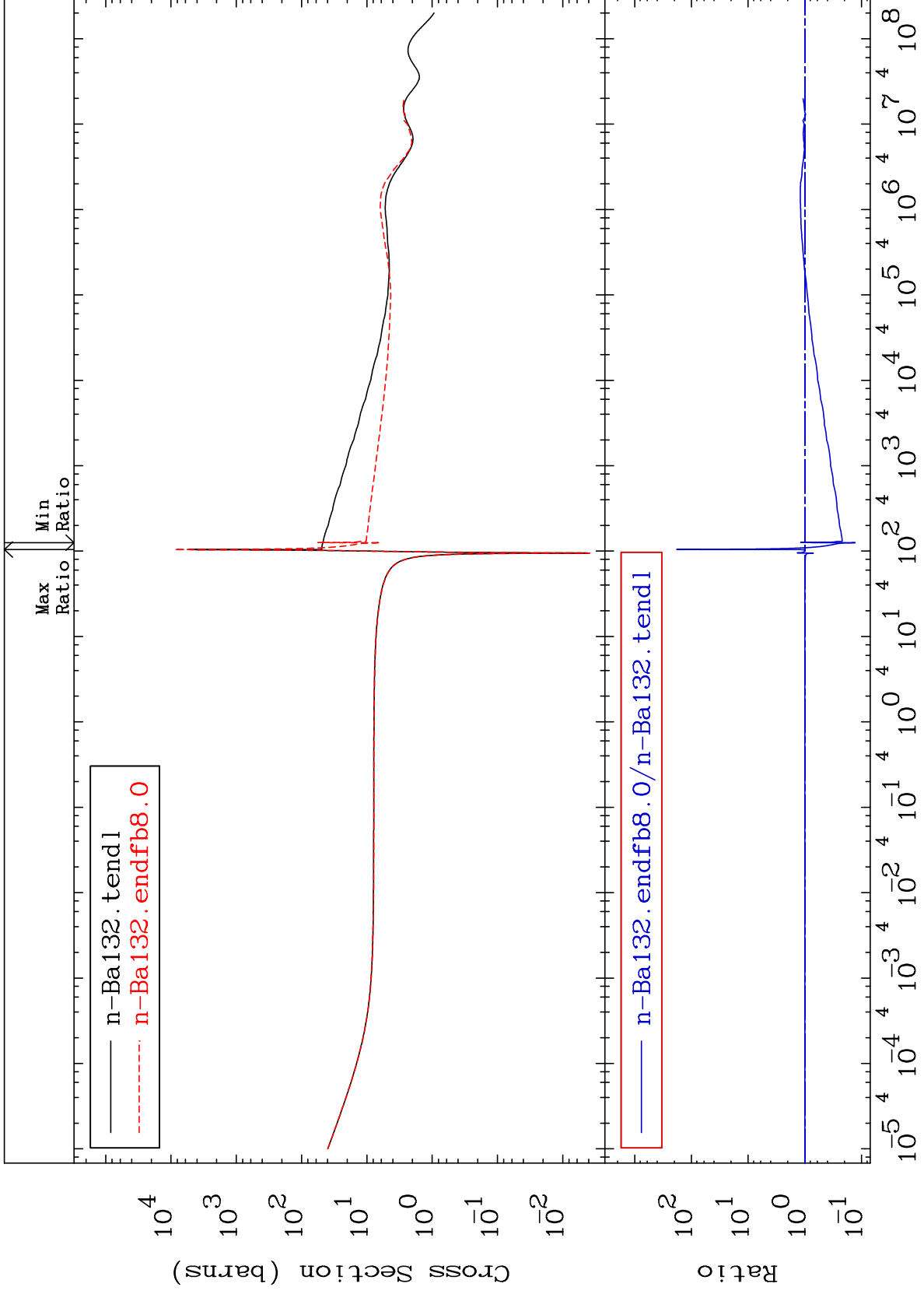


56-Ba-132

MAT 5631

Elastic
Cross Section

56-Ba-132
-87.00 To 9999. %



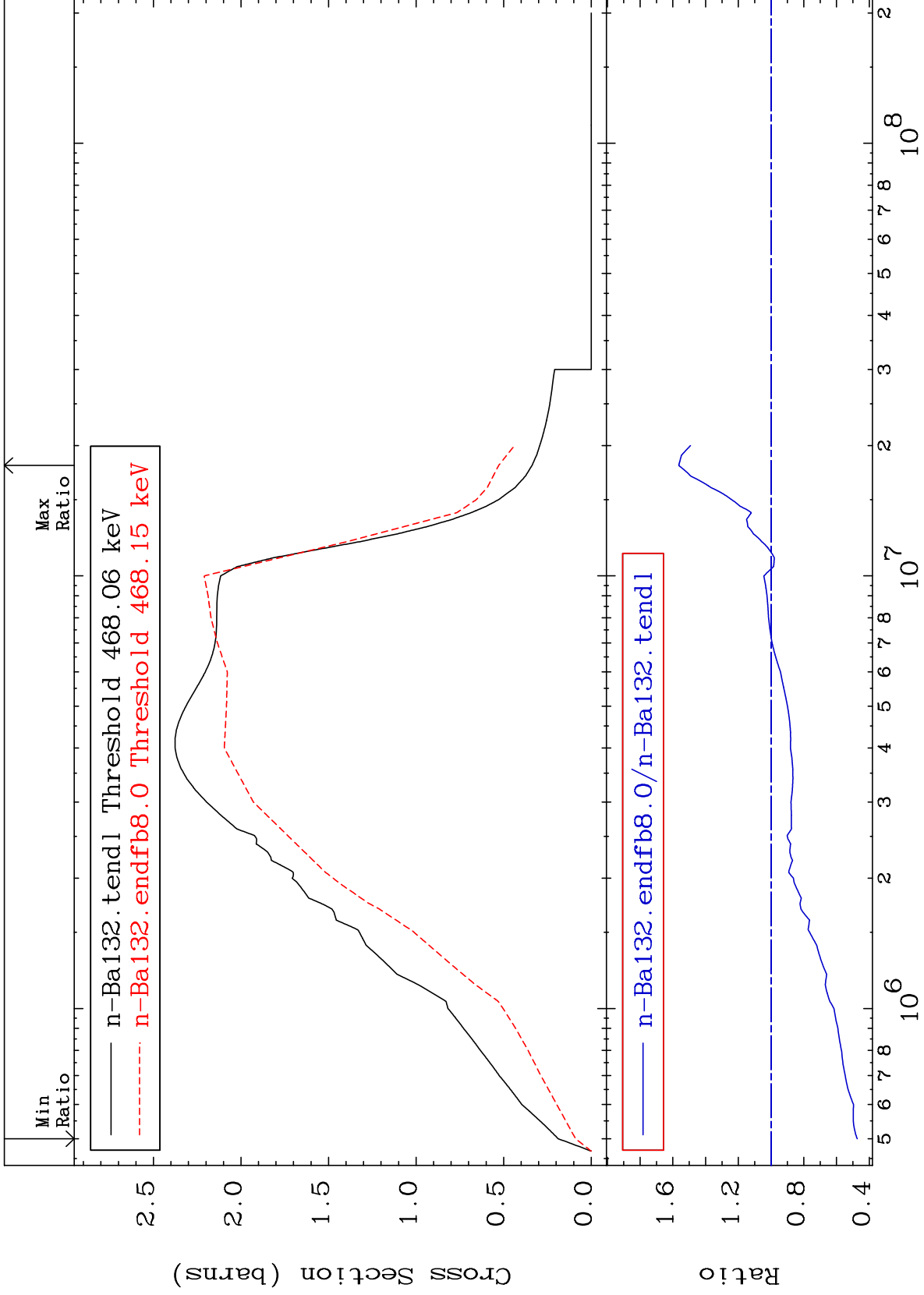
2

56-Ba-132

MAT 5631

Inelastic
Cross Section

56-Ba-132
-52.65 To 56.47 %



3

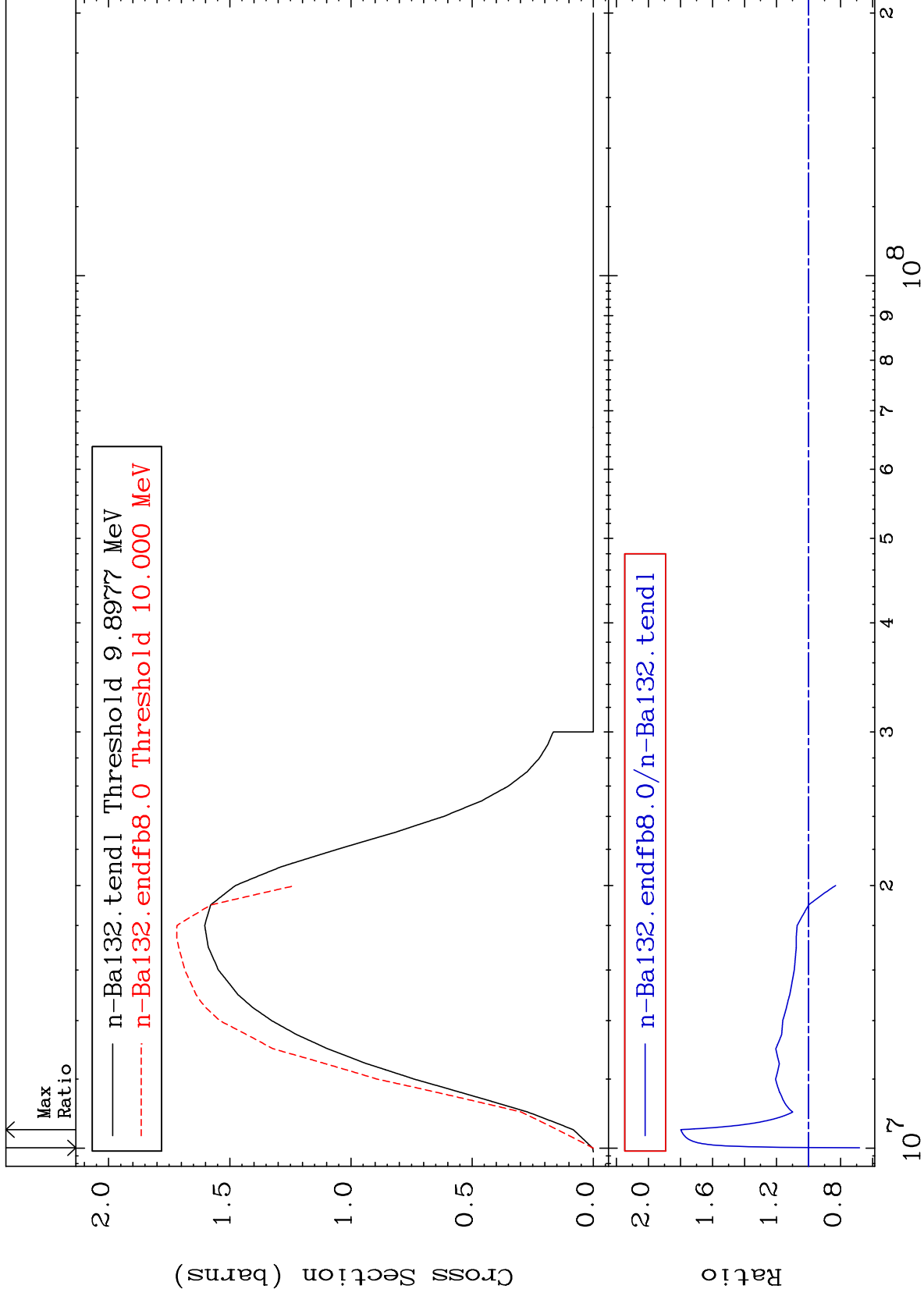
Incident Energy (eV)

56-Ba-132

MAT 5631

(n,2n)
Cross Section

56-Ba-132
-31.80 To 79.80 %



56-Ba-132

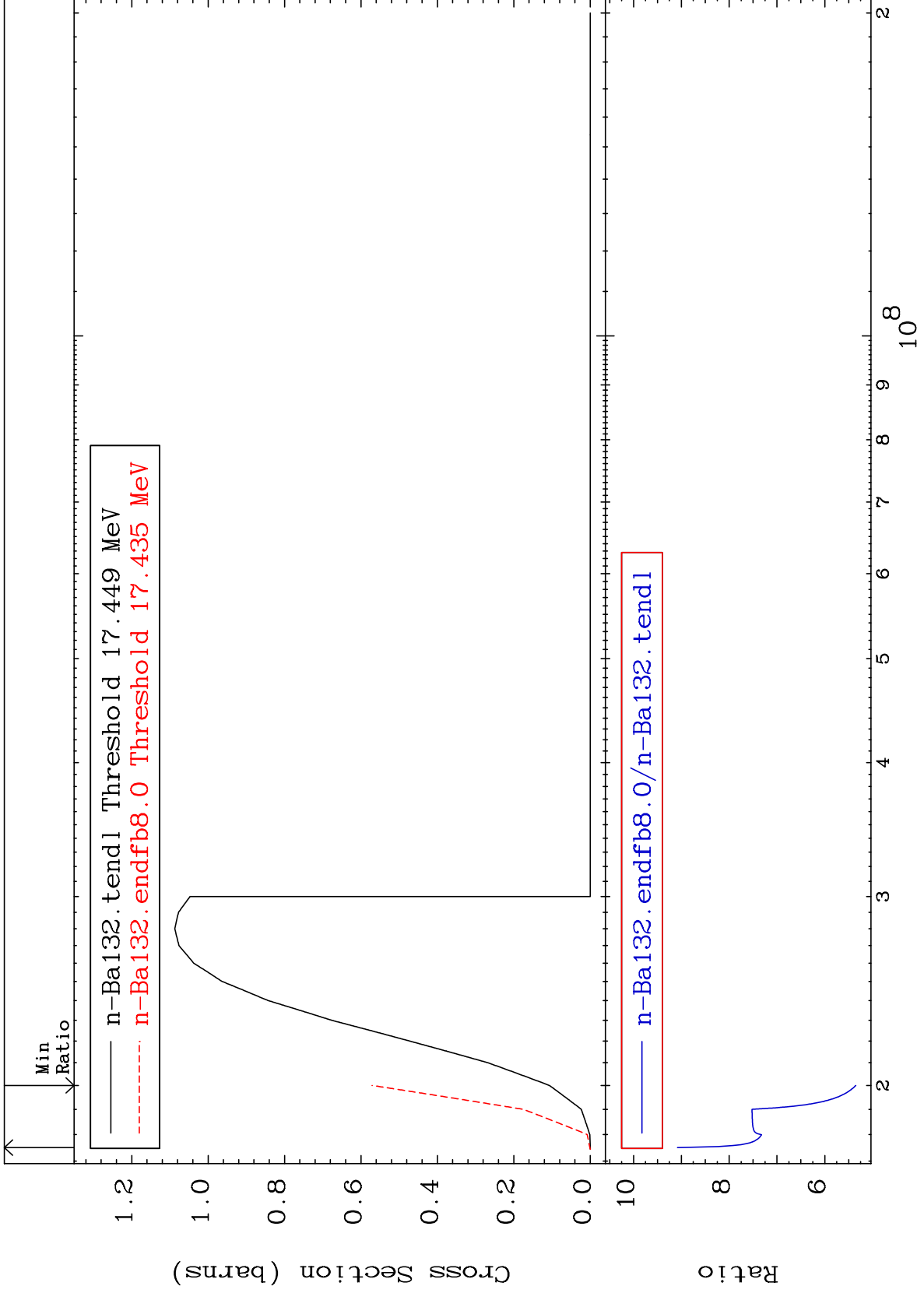
Incident Energy (eV)

4

MAT 5631

(n,3n)
Cross Section

56-Ba-132
435.1 To 808.1 %



5

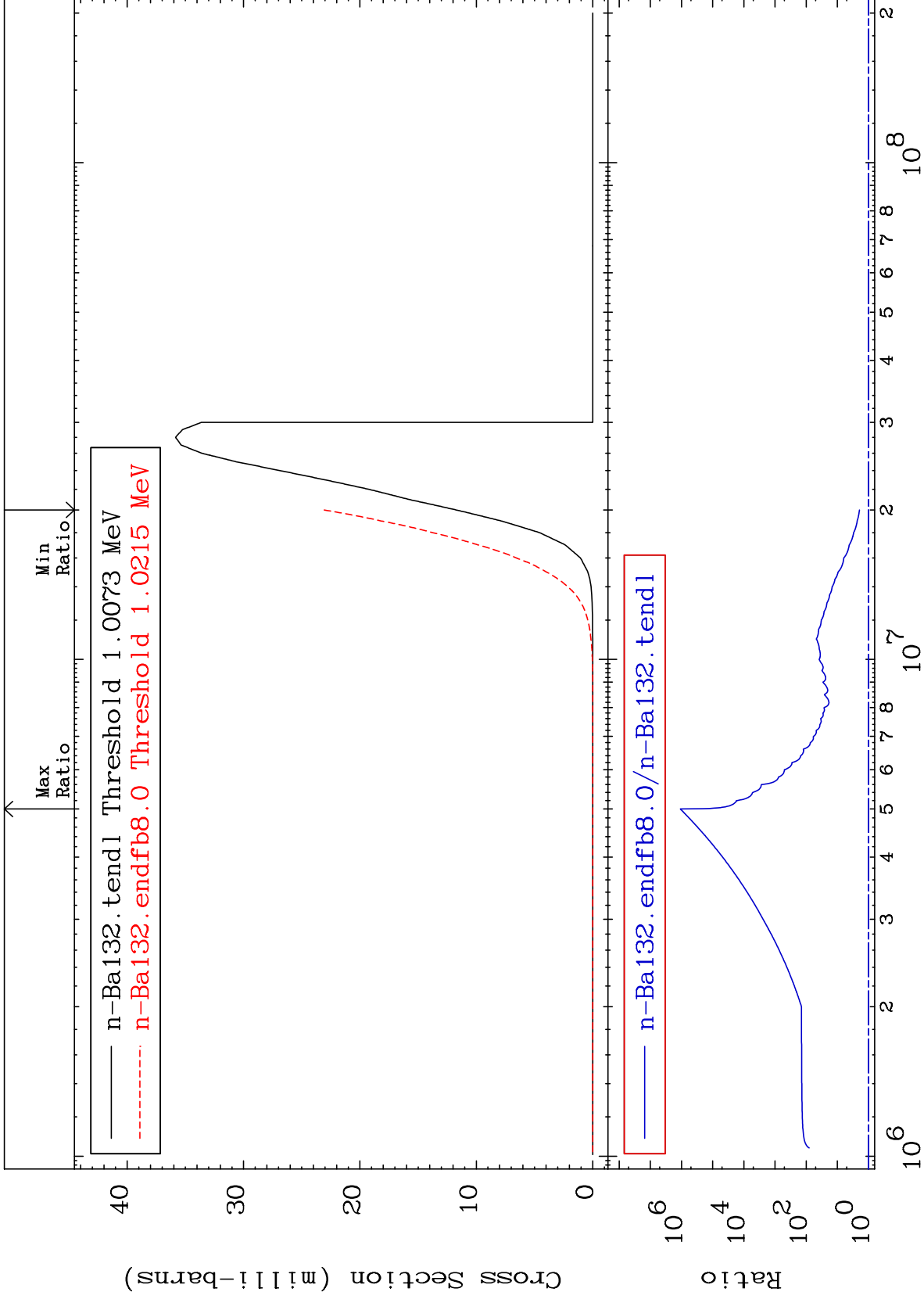
Incident Energy (eV)

56-Ba-132

MAT 5631

(n, n') α
Cross Section

56-Ba-132
96.77 To 9999. %

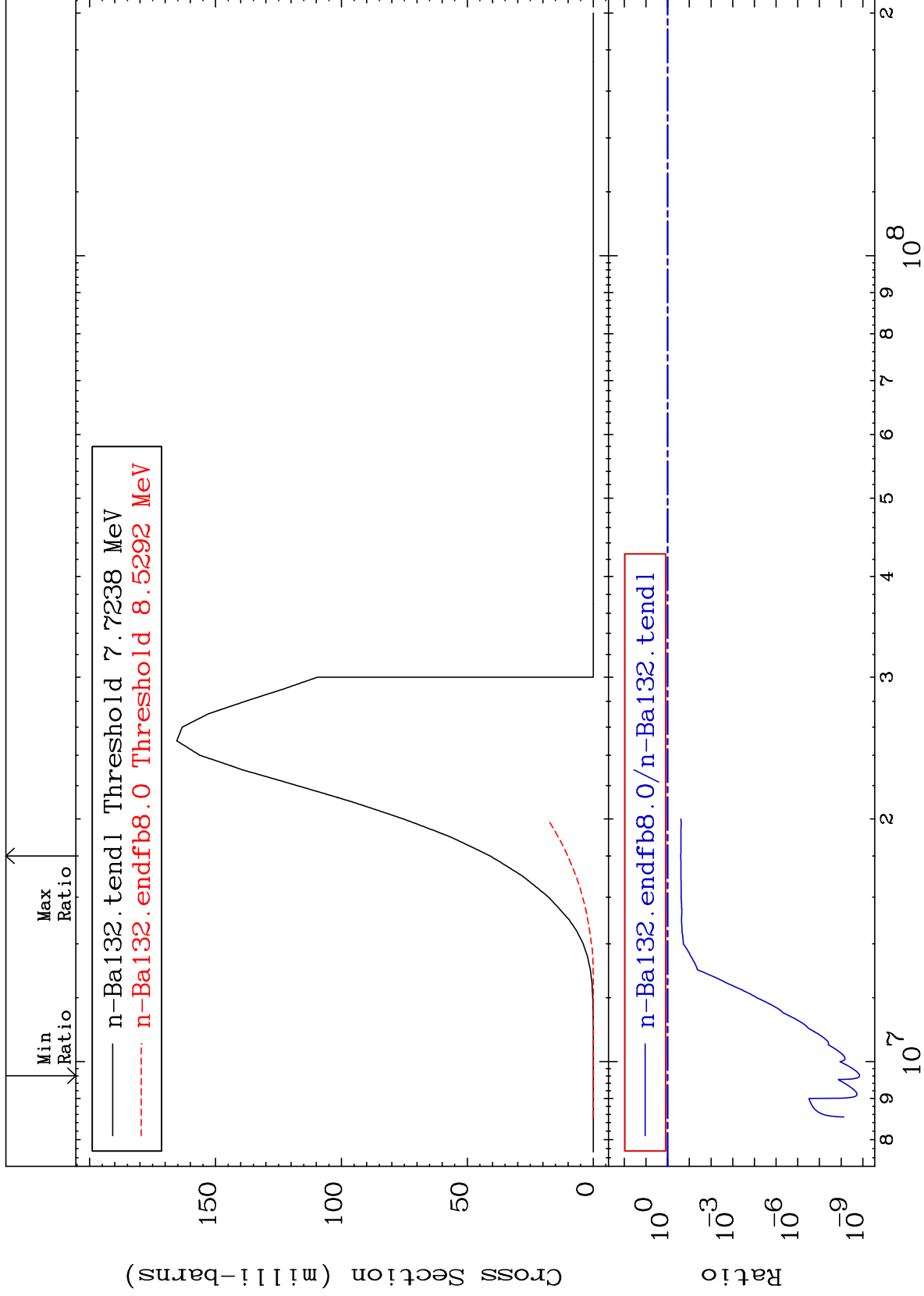


56-Ba-132

MAT 5631

(n,n') p
Cross Section

56-Ba-132
-100.0 To -75.18%



7

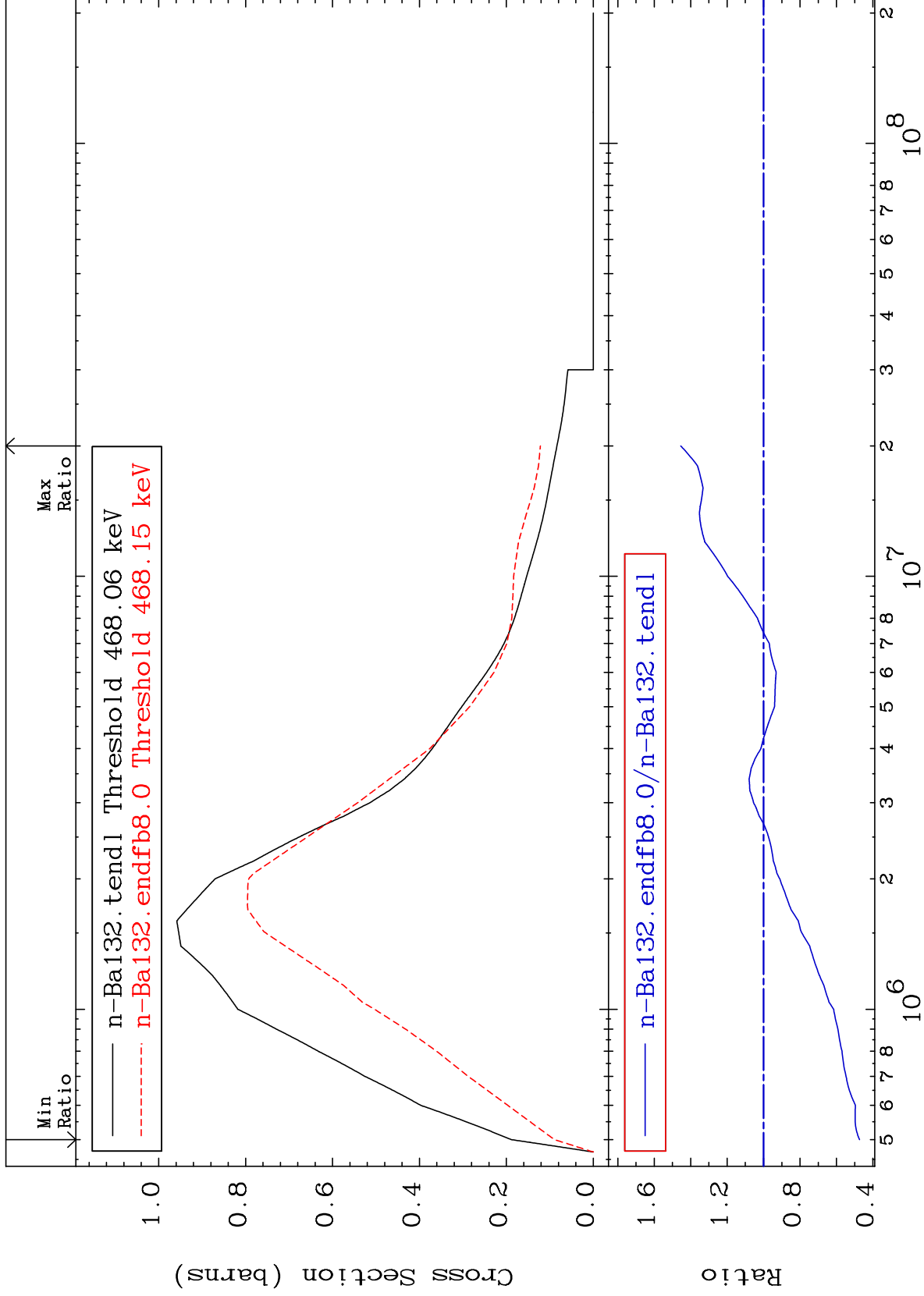
Incident Energy (eV)

56-Ba-132

MAT 5631

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

56-Ba-132
-52.65 To 45.43 %



8

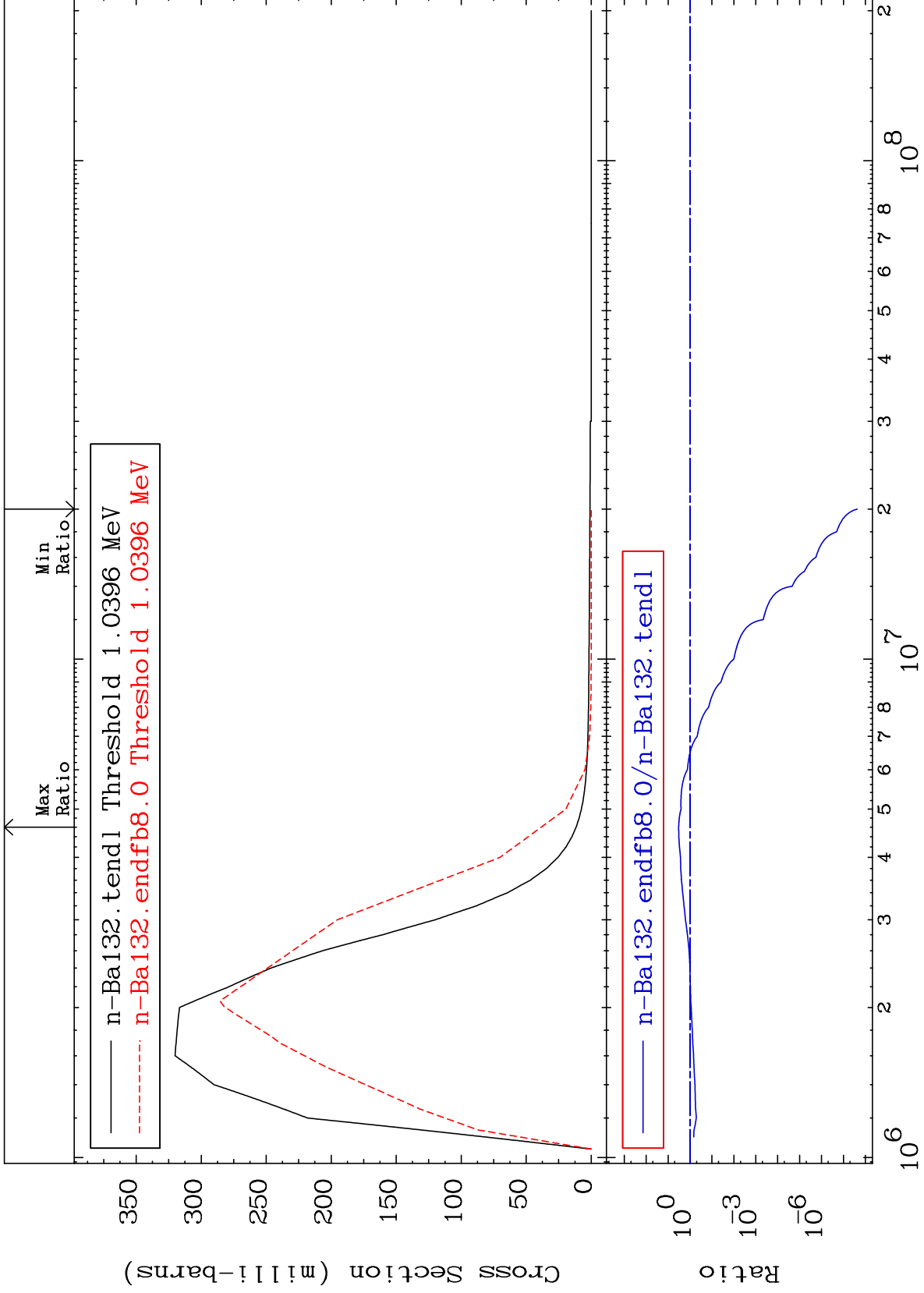
Incident Energy (eV)

56-Ba-132

MAT 5631

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

56-Ba-132
-100.0 To 231.8 %



9

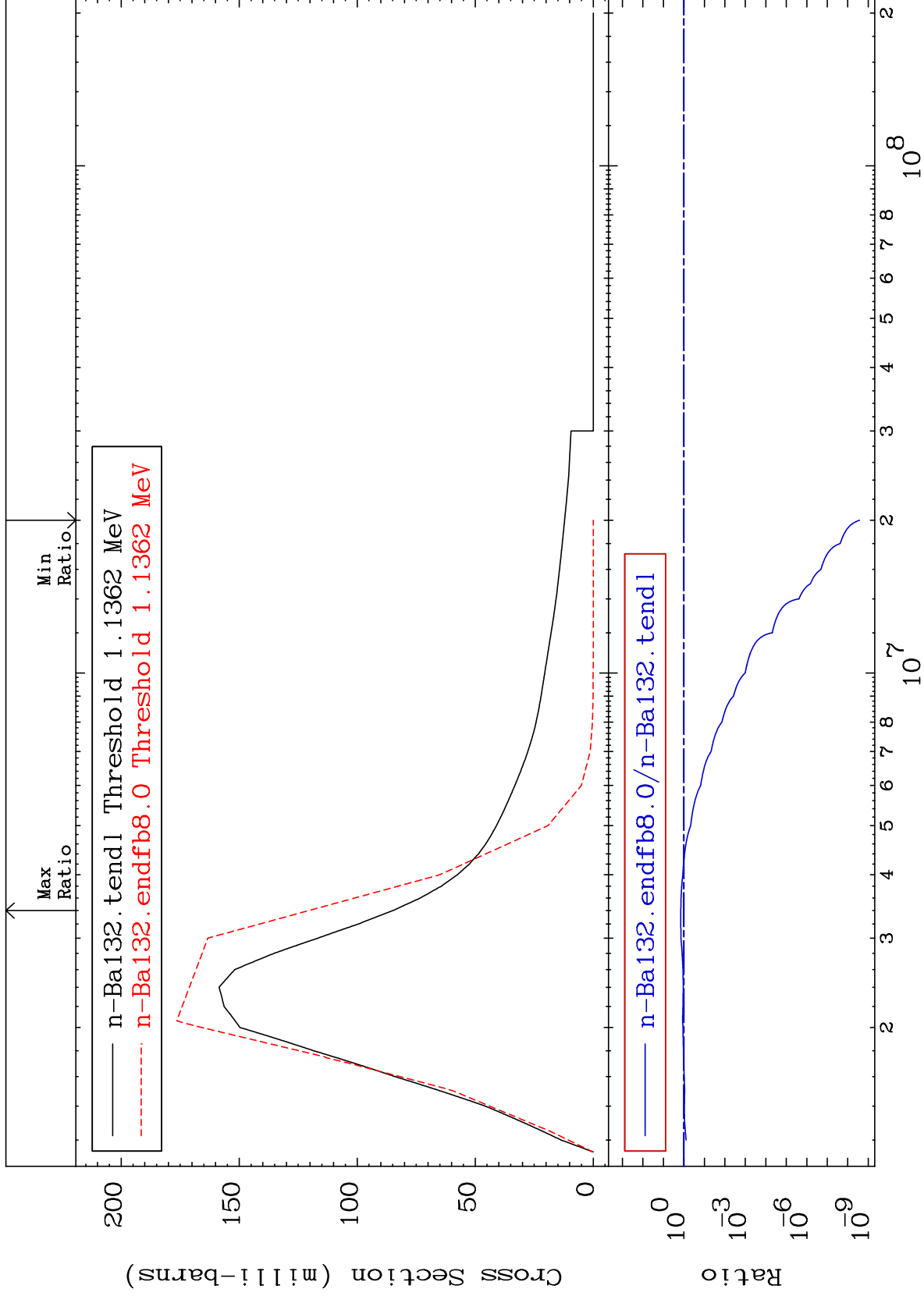
Incident Energy (eV)

56-Ba-132

MAT 5631

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

56-Ba-132
-100.0 To 42.07 %



10

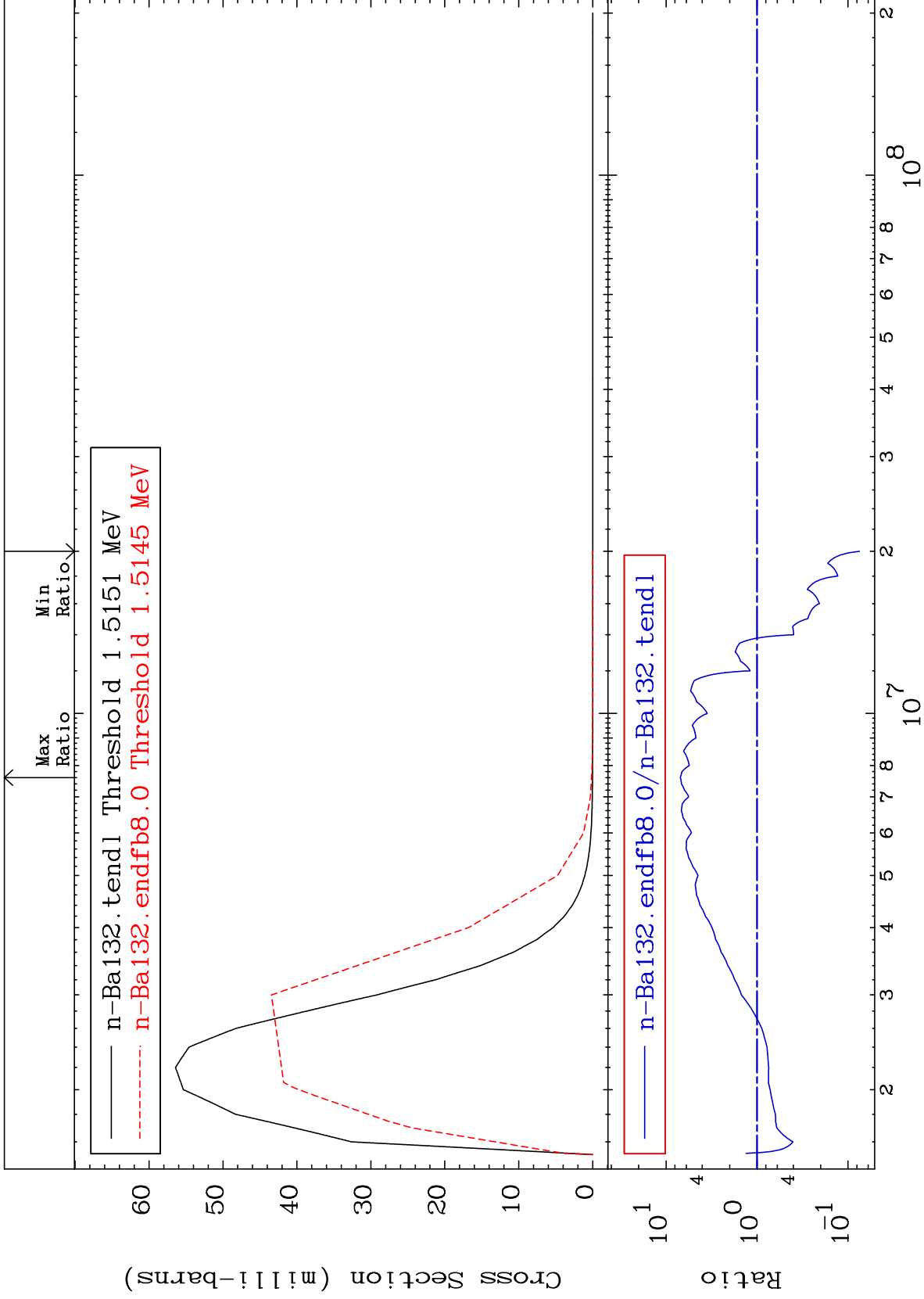
Incident Energy (eV)

56-Ba-132

MAT 5631

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

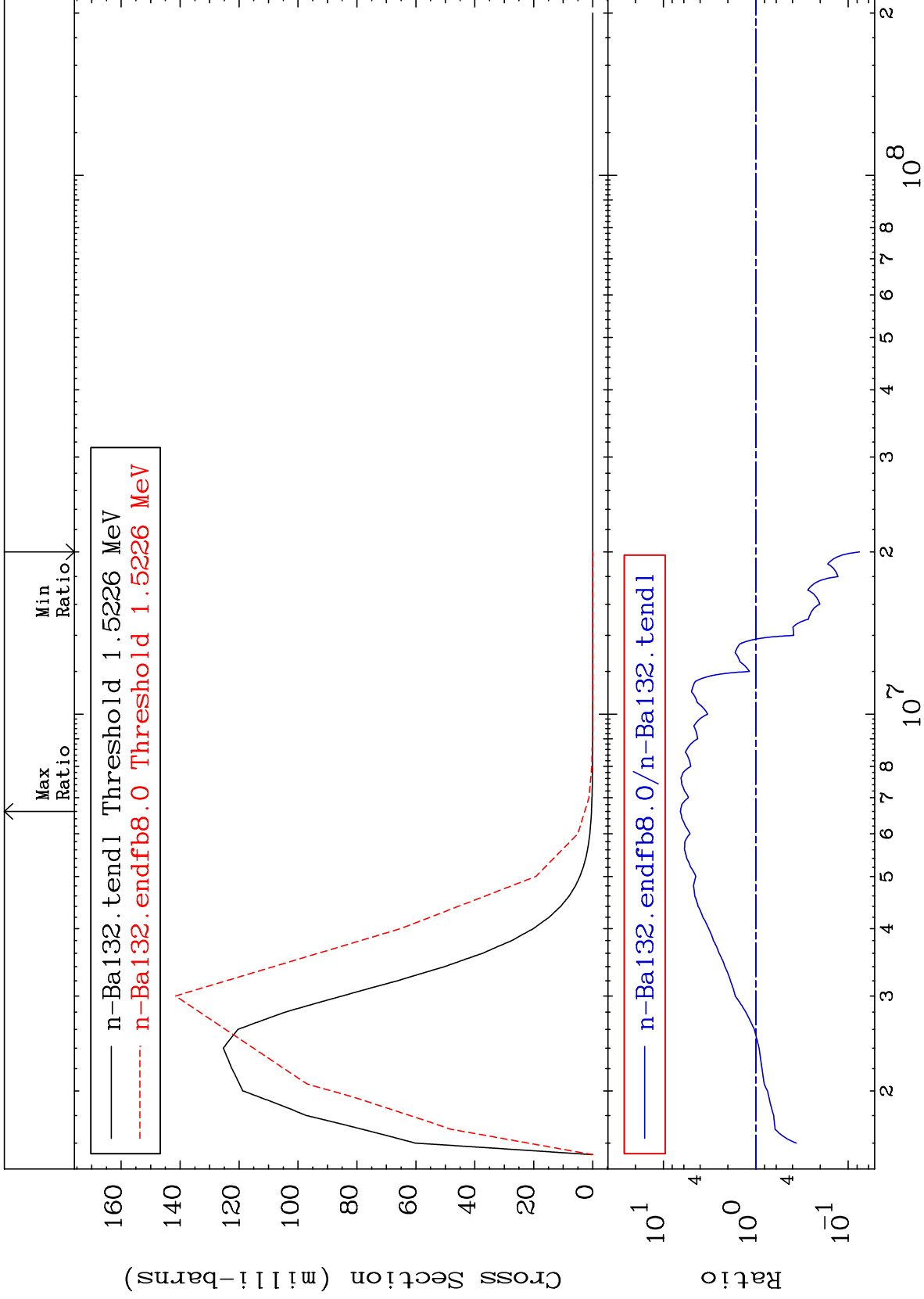
56-Ba-132
-92.50 To 596.6 %



MAT 5631

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

56-Ba-132
-92.46 To 554.1 %



12

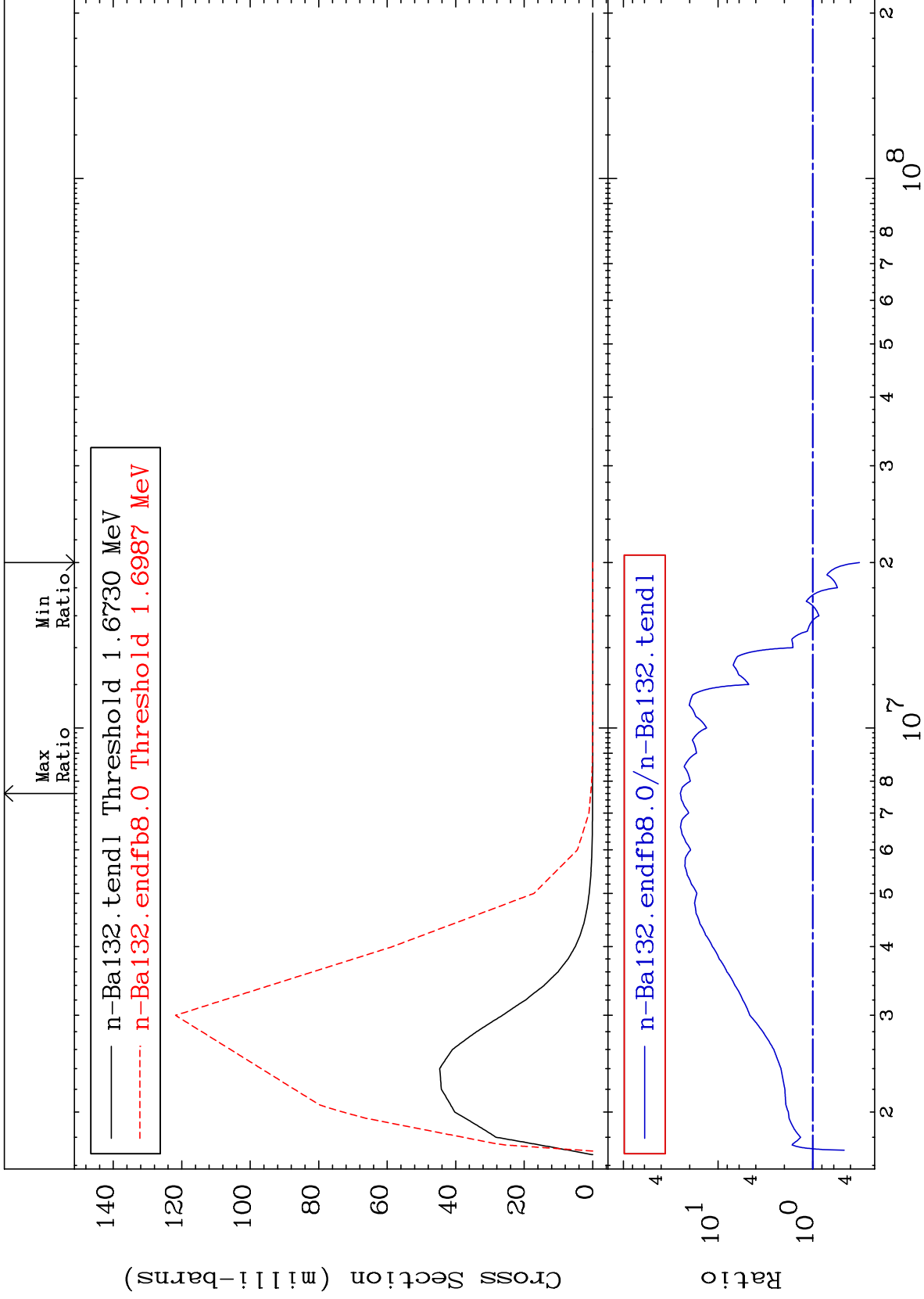
Incident Energy (eV)

56-Ba-132

MAT 5631

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

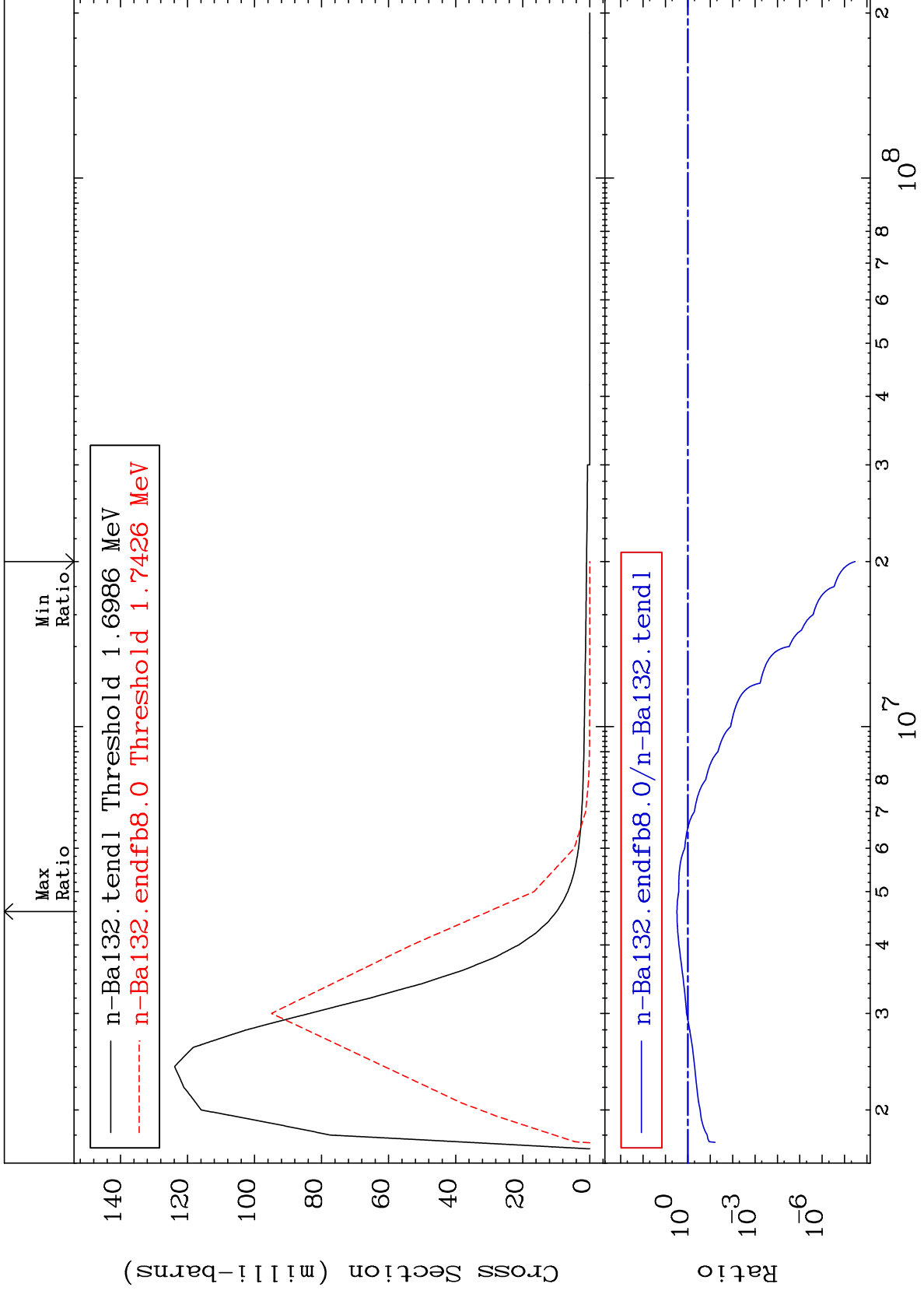
56-Ba-132
-67.87 To 2404. %



MAT 5631

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

56-Ba-132
-100.0 To 206.6 %



14

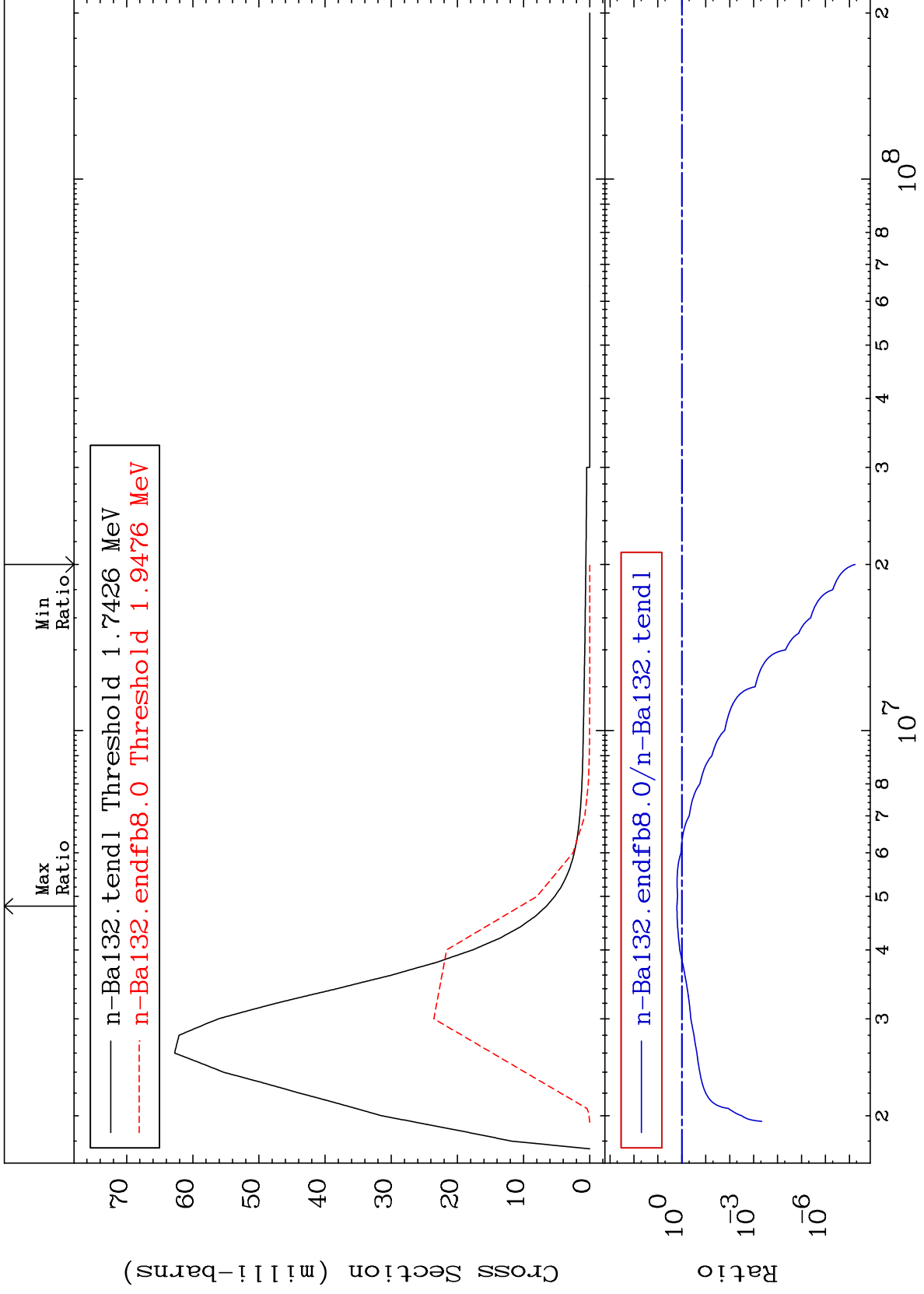
Incident Energy (eV)

56-Ba-132

MAT 5631

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

56-Ba-132
-100.0 To 60.10 %



15

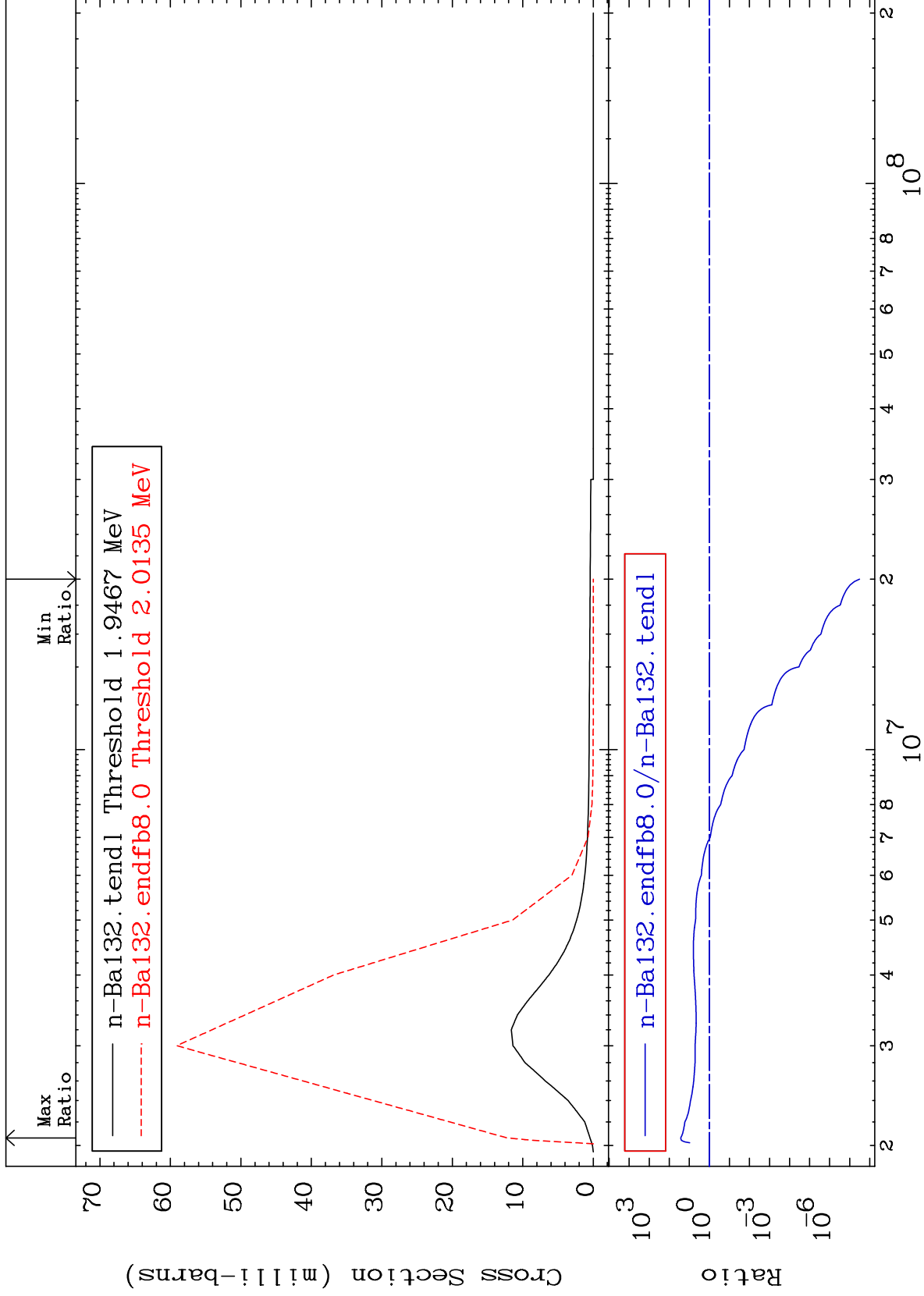
Incident Energy (eV)

56-Ba-132

MAT 5631

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

56-Ba-132
-100.0 To 2575. %



16

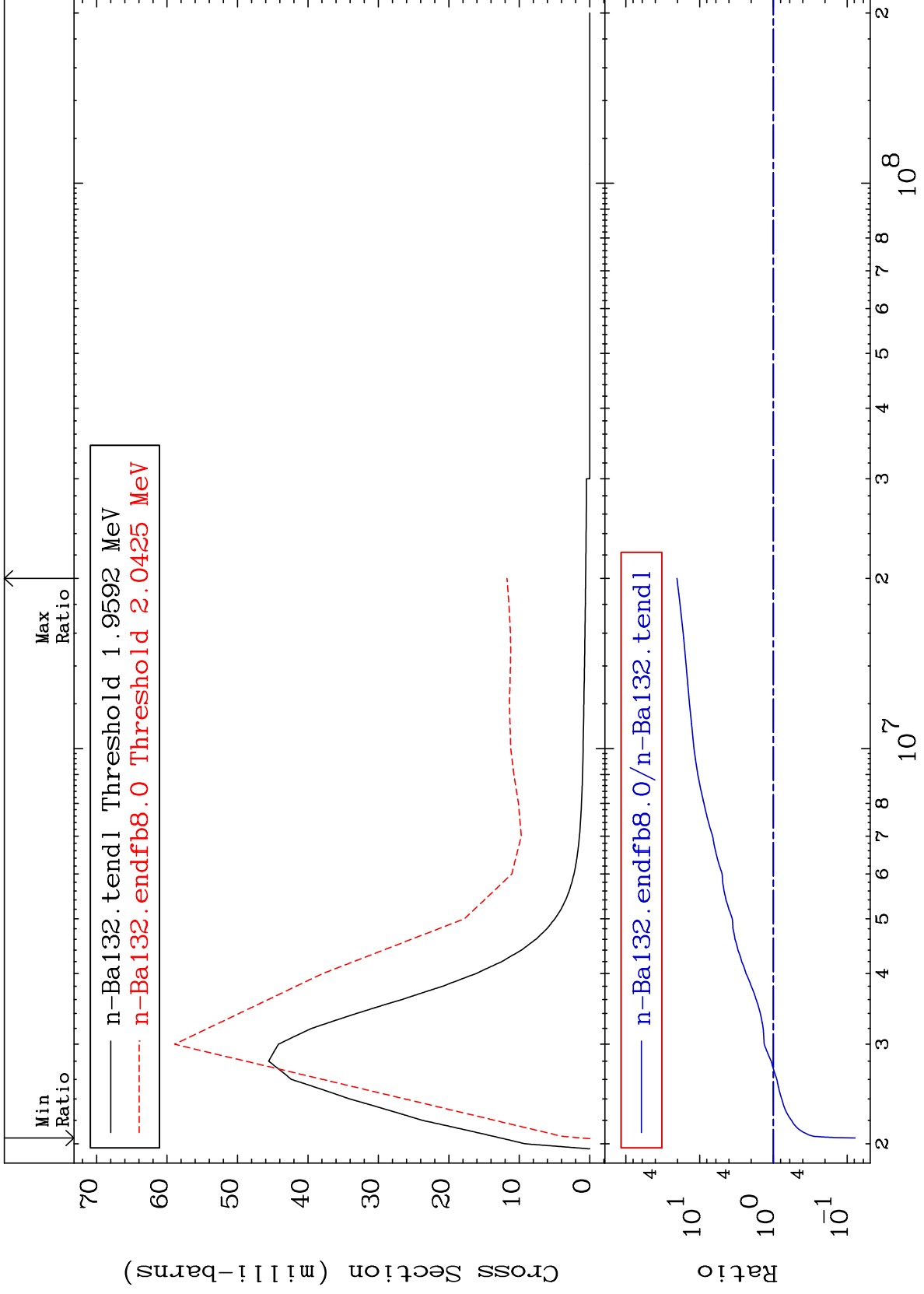
Incident Energy (eV)

56-Ba-132

MAT 5631

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

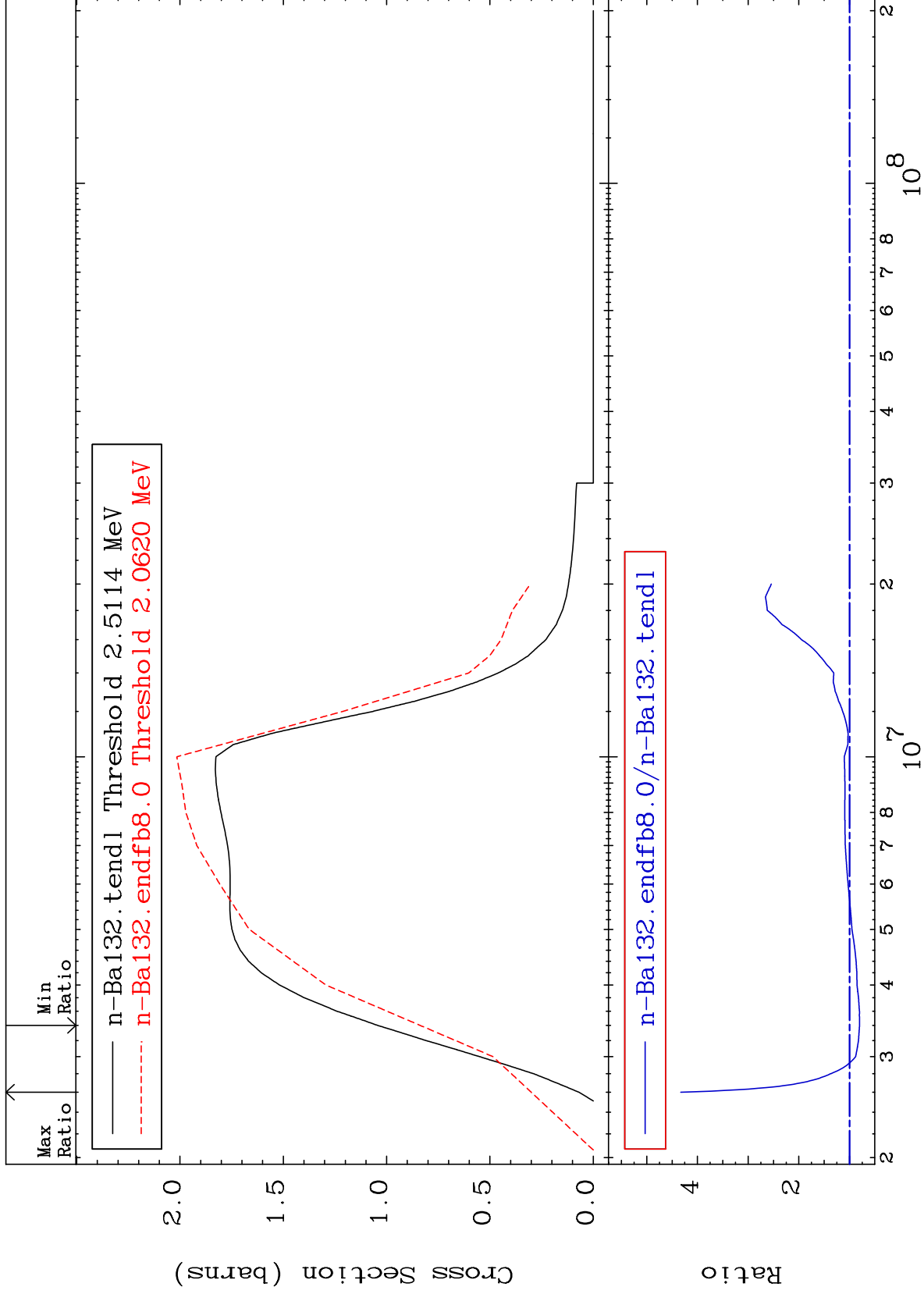
56-Ba-132
-92.20 To 1931. %



MAT 5631

(n, n') Continuum
Cross Section

56-Ba-132
-19.75 To 332.9 %



18

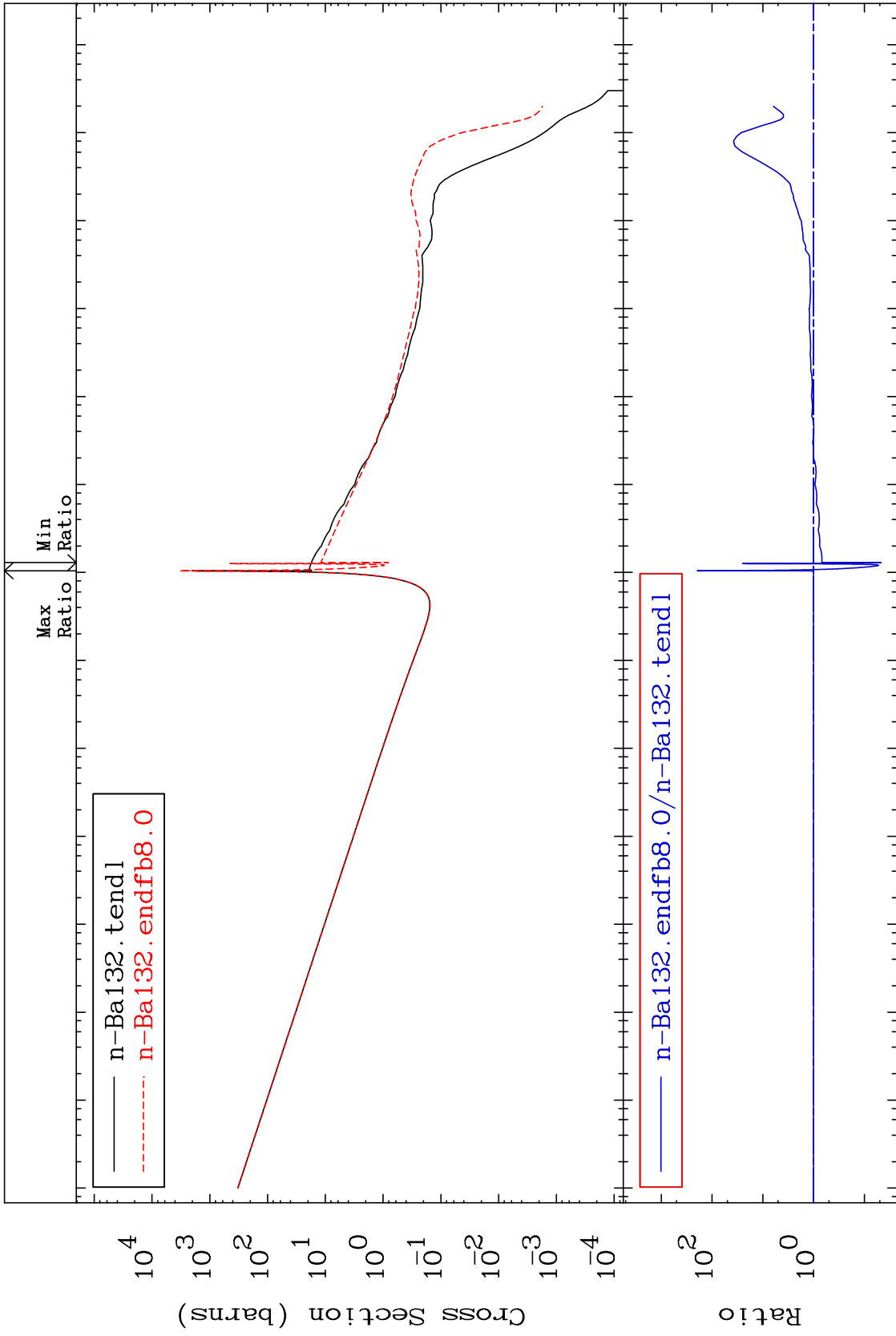
Incident Energy (eV)

56-Ba-132

MAT 5631

(n, γ)
Cross Section

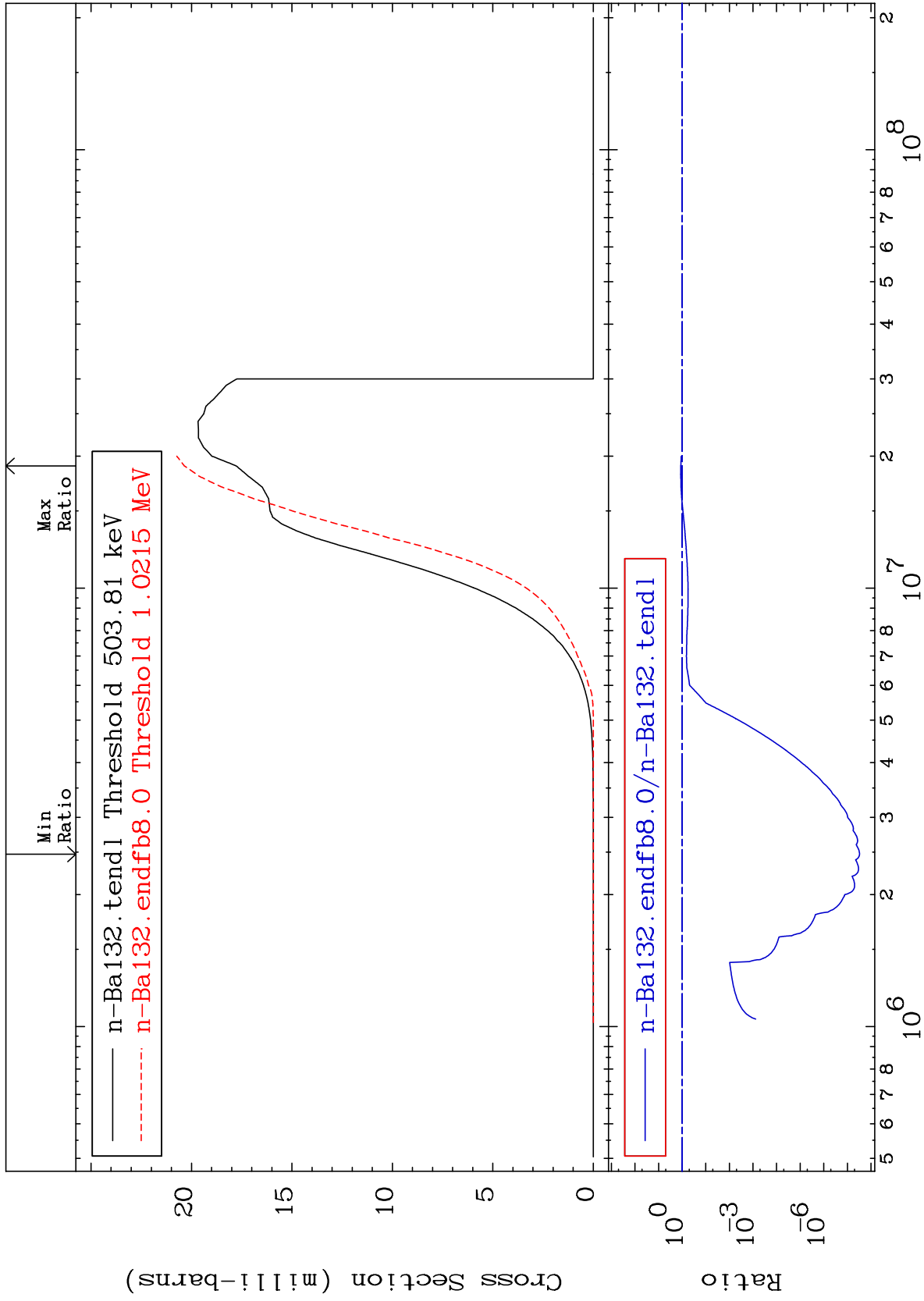
56-Ba-132
-95.30 To 9999. %



MAT 5631

56-Ba-132

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



20

Incident Energy (eV)

56-Ba-132

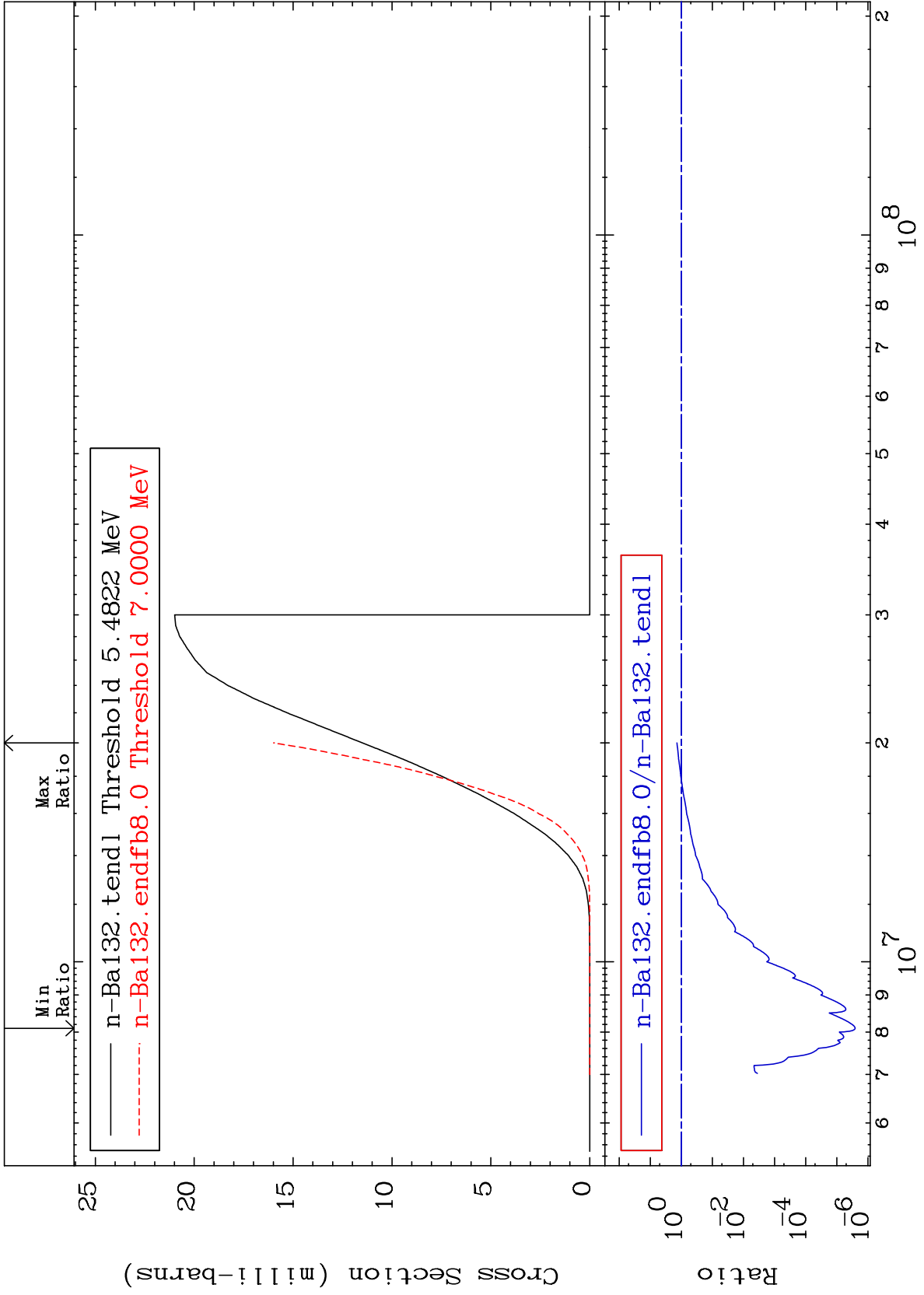
MAT 5631

(n, d)

56-Ba-132

Cross Section

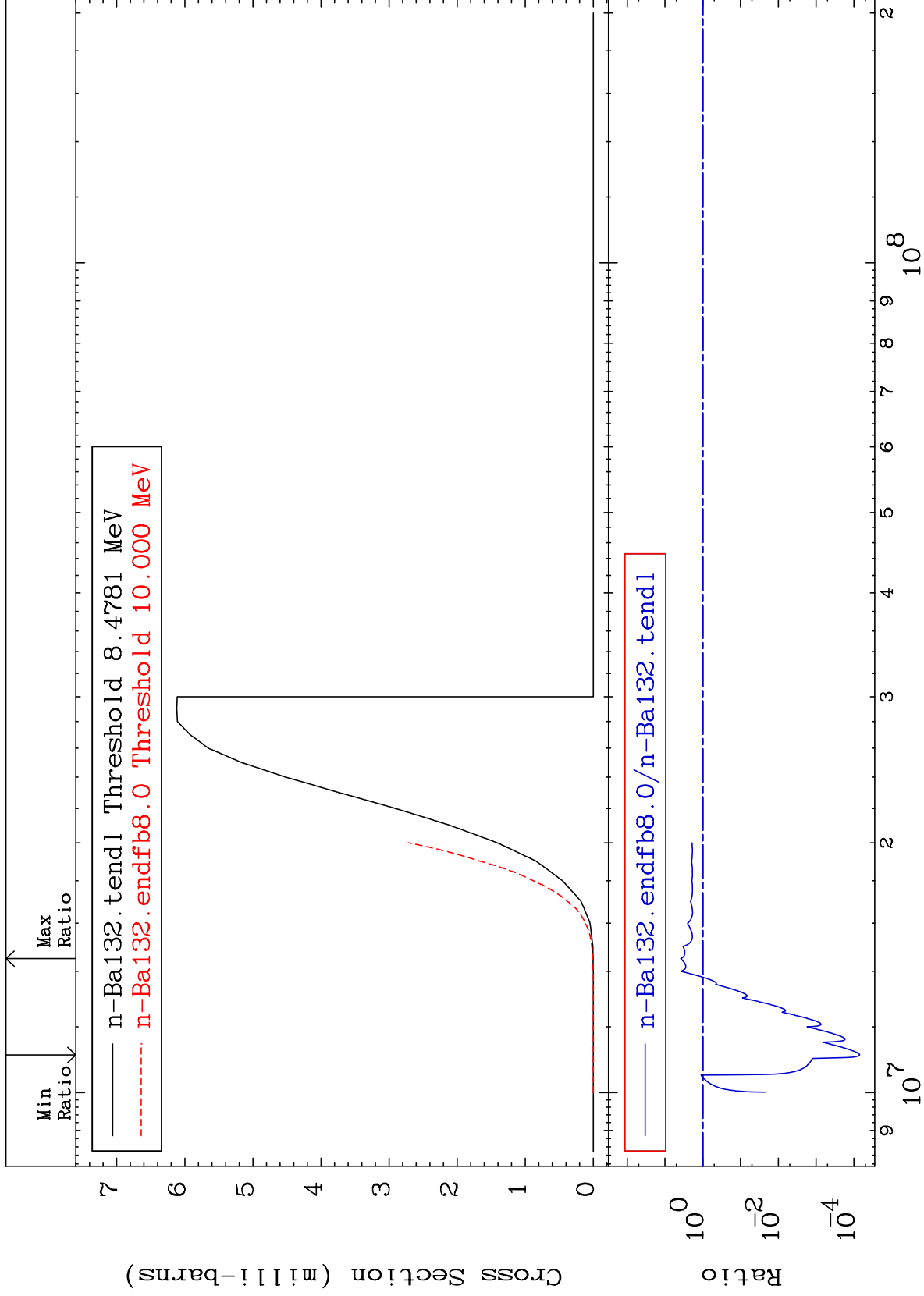
-100.0 To 39.03 %



MAT 5631

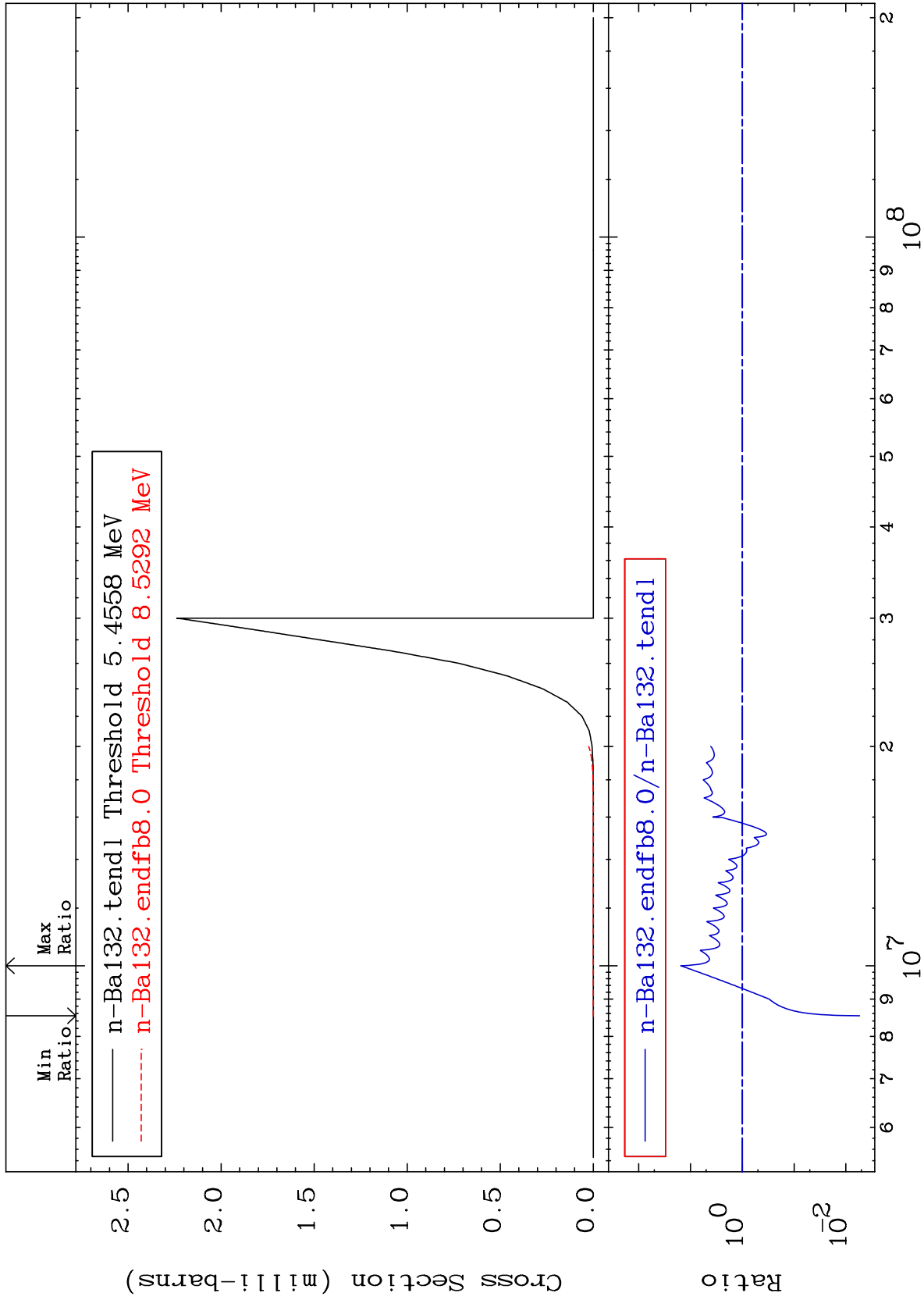
(n, t)
Cross Section

56-Ba-132
-99.99 To 282.5 %



Cross Section

-99.46 To 1445. %



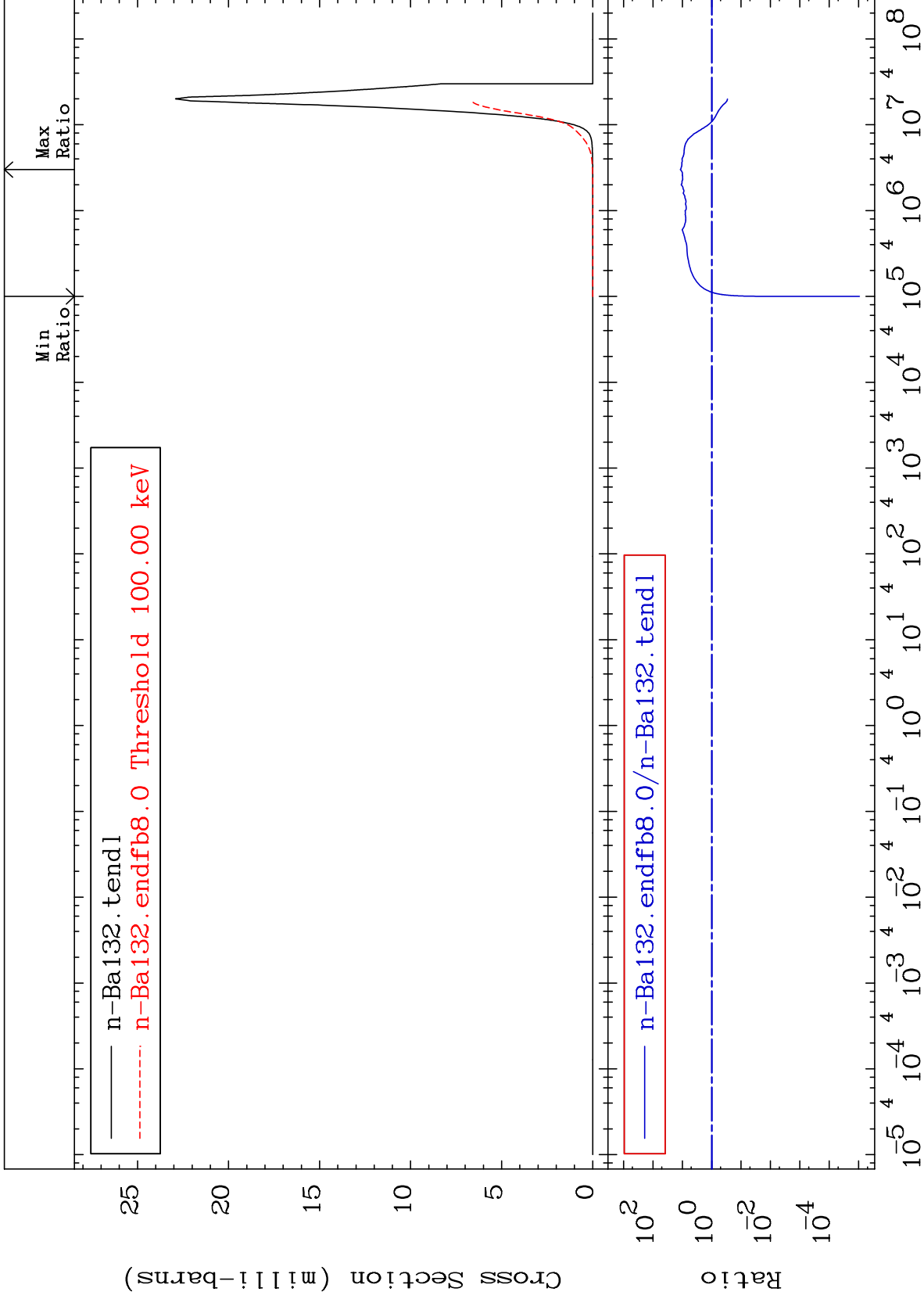
MAT 5631

(n, α)

56-Ba-132

Cross Section

-100.0 To 1067. %



24

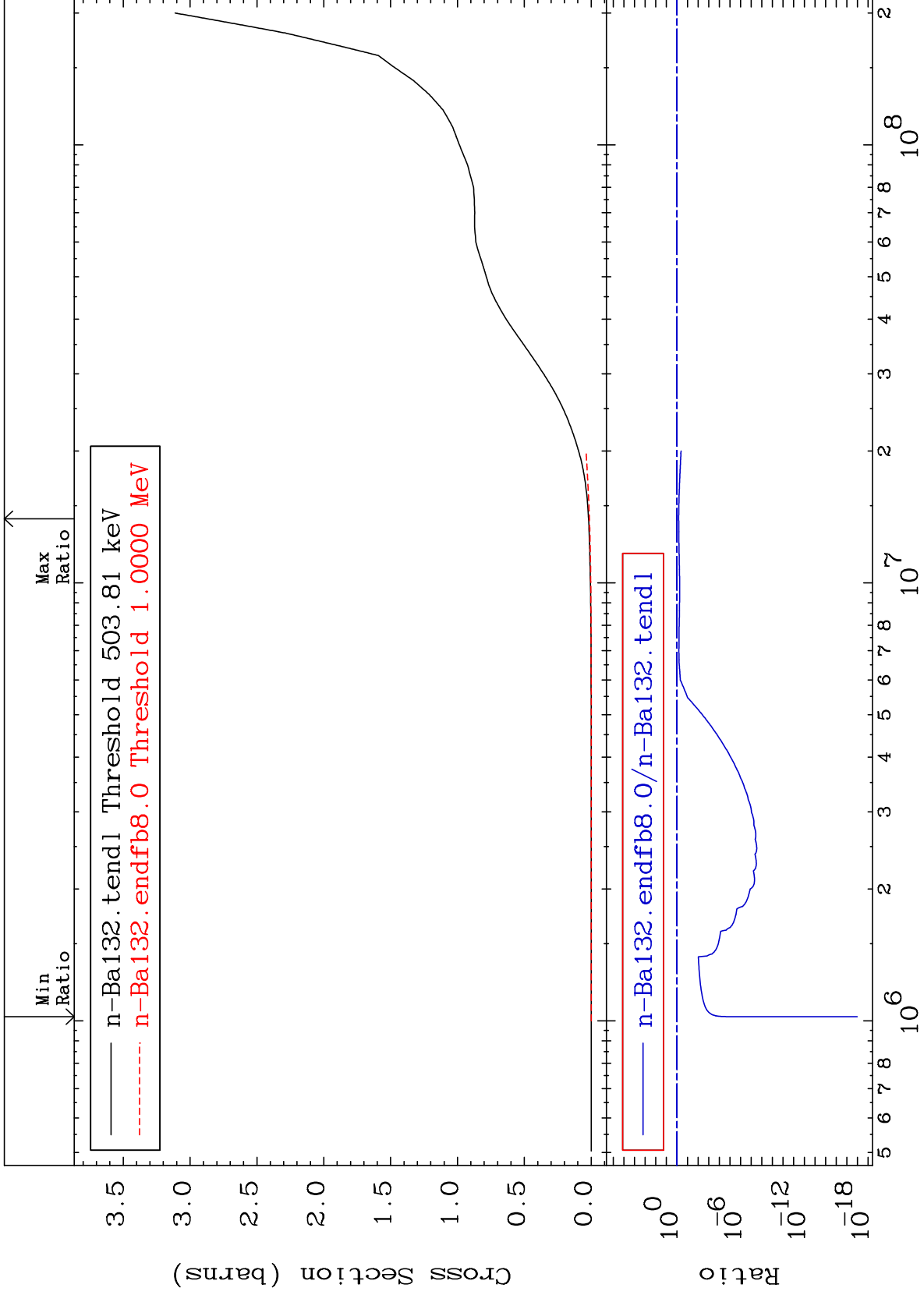
Incident Energy (eV)

56-Ba-132

MAT 5631

Hydrogen Production
Cross Section

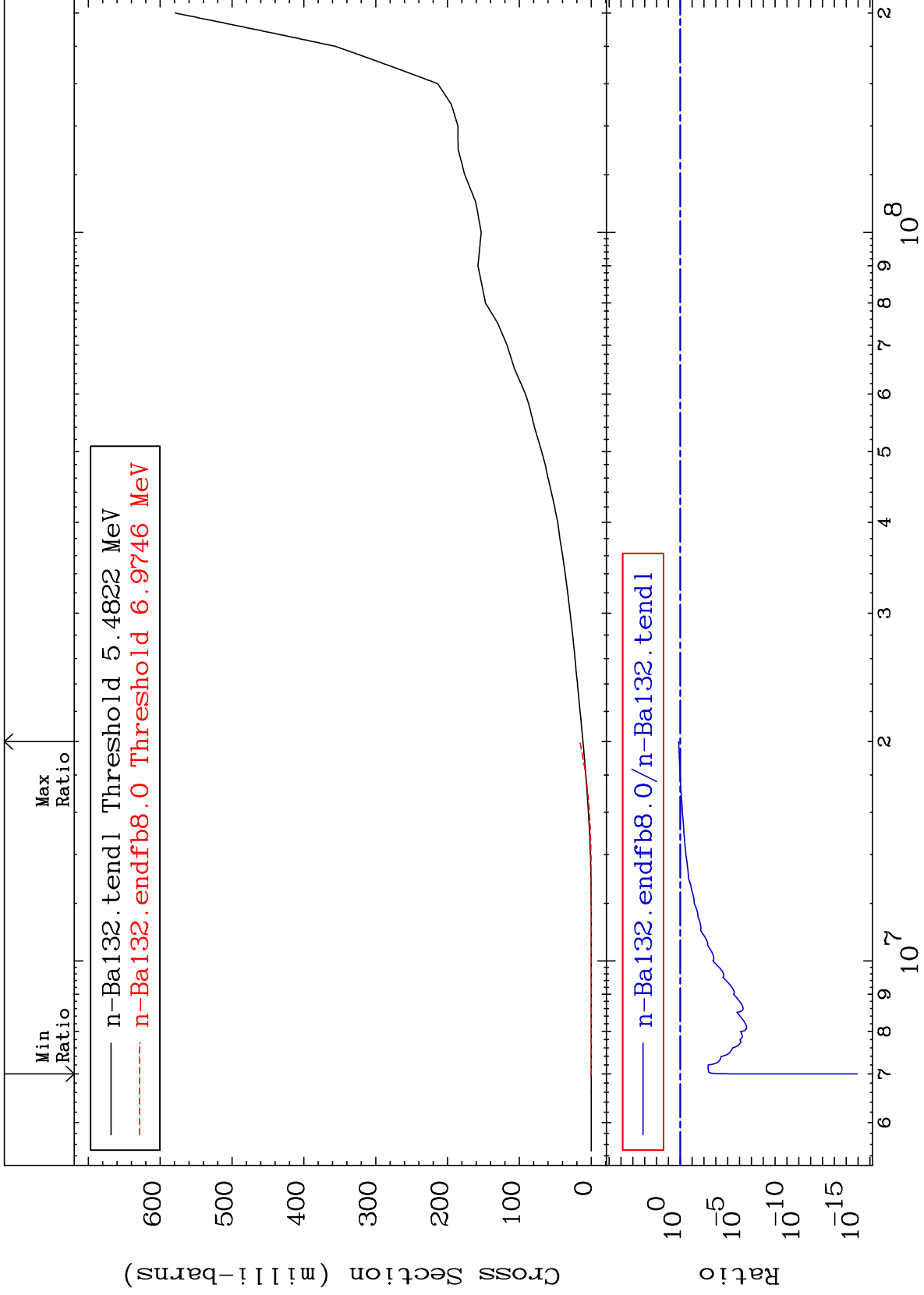
56-Ba-132
-100.0 To -30.68%



MAT 5631

Deuterium Production
Cross Section

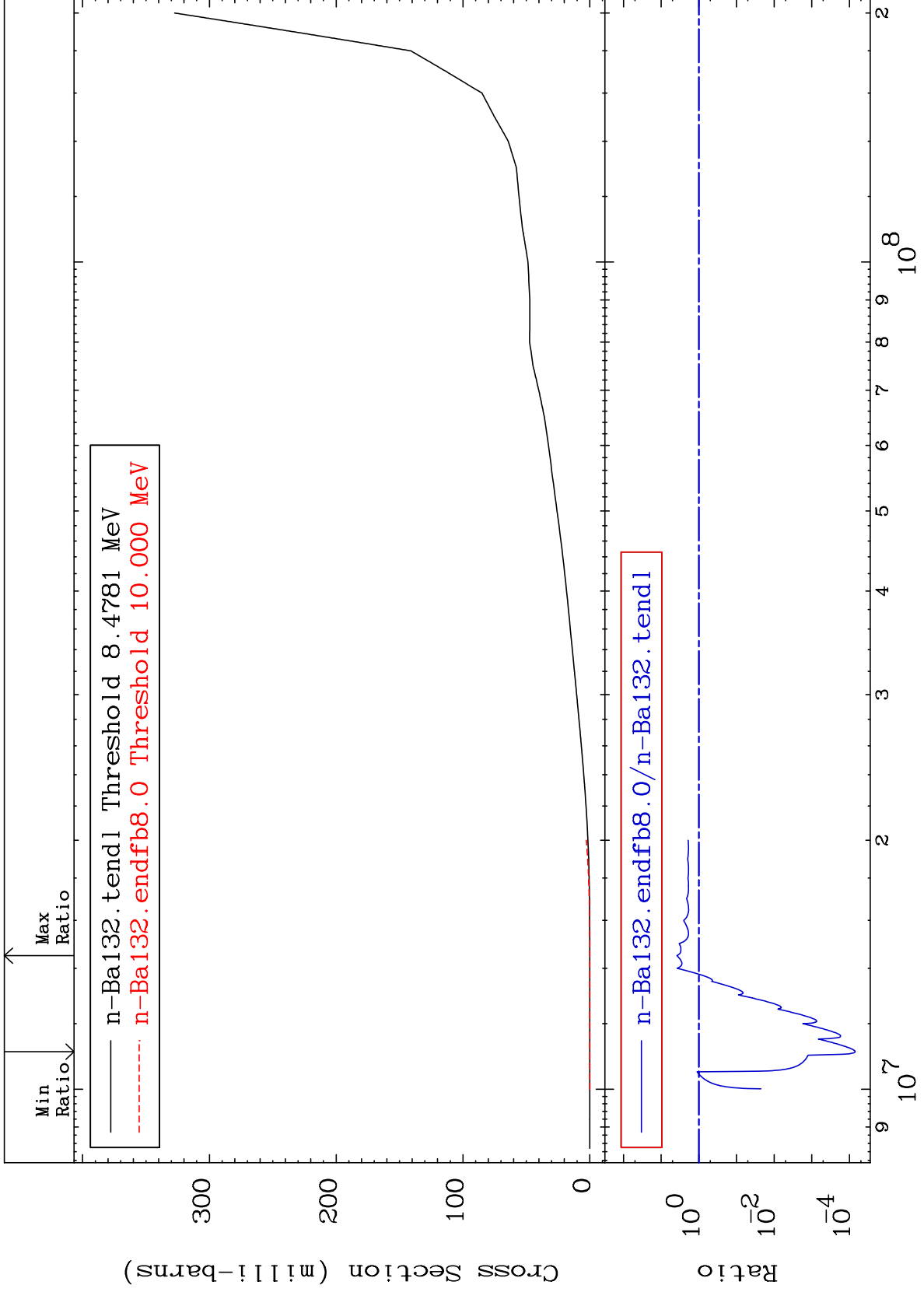
56-Ba-132
-100.0 To 39.00 %



MAT 5631

Tritium Production
Cross Section

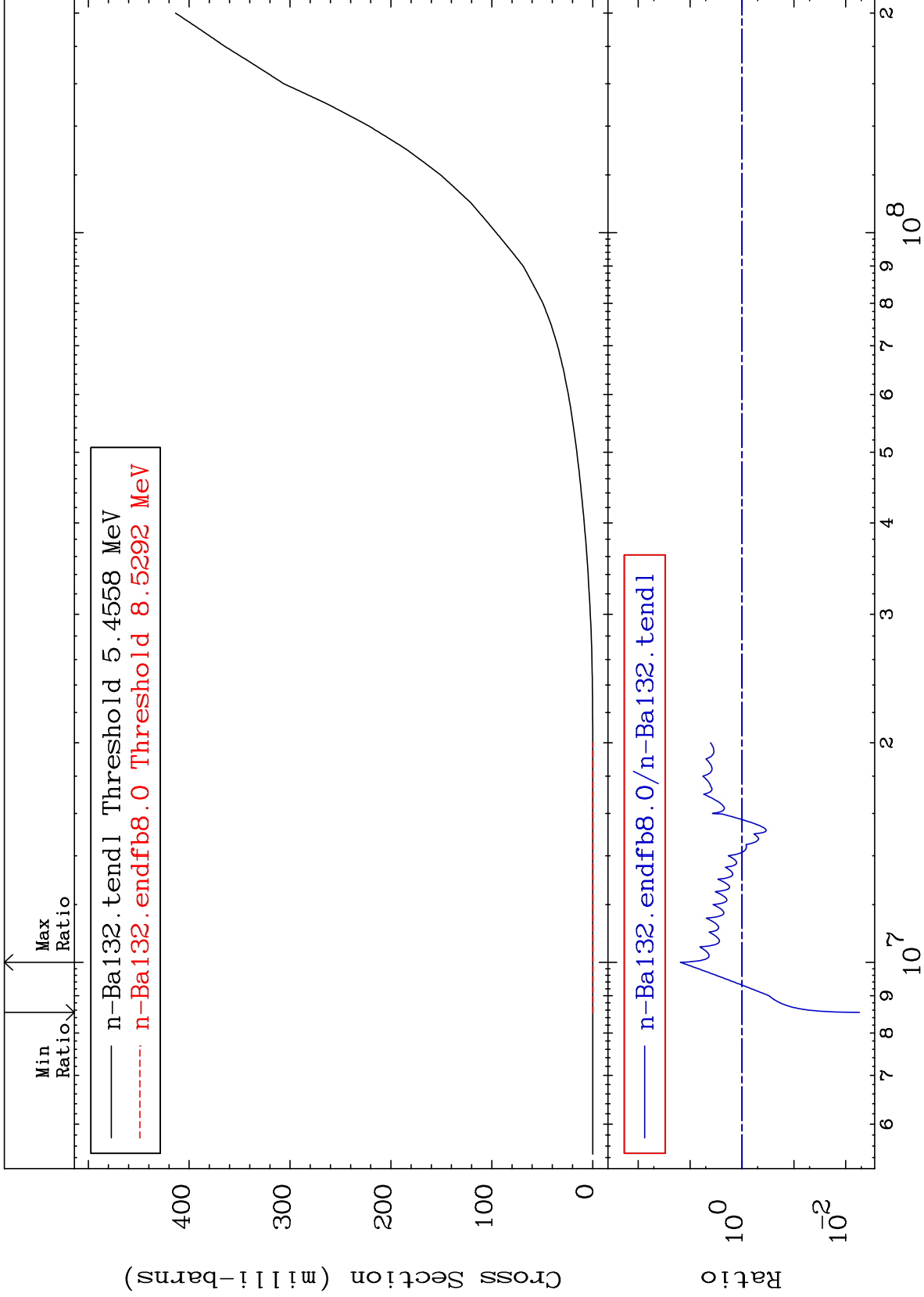
56-Ba-132
-99.99 To 282.5 %



27

Incident Energy (eV)

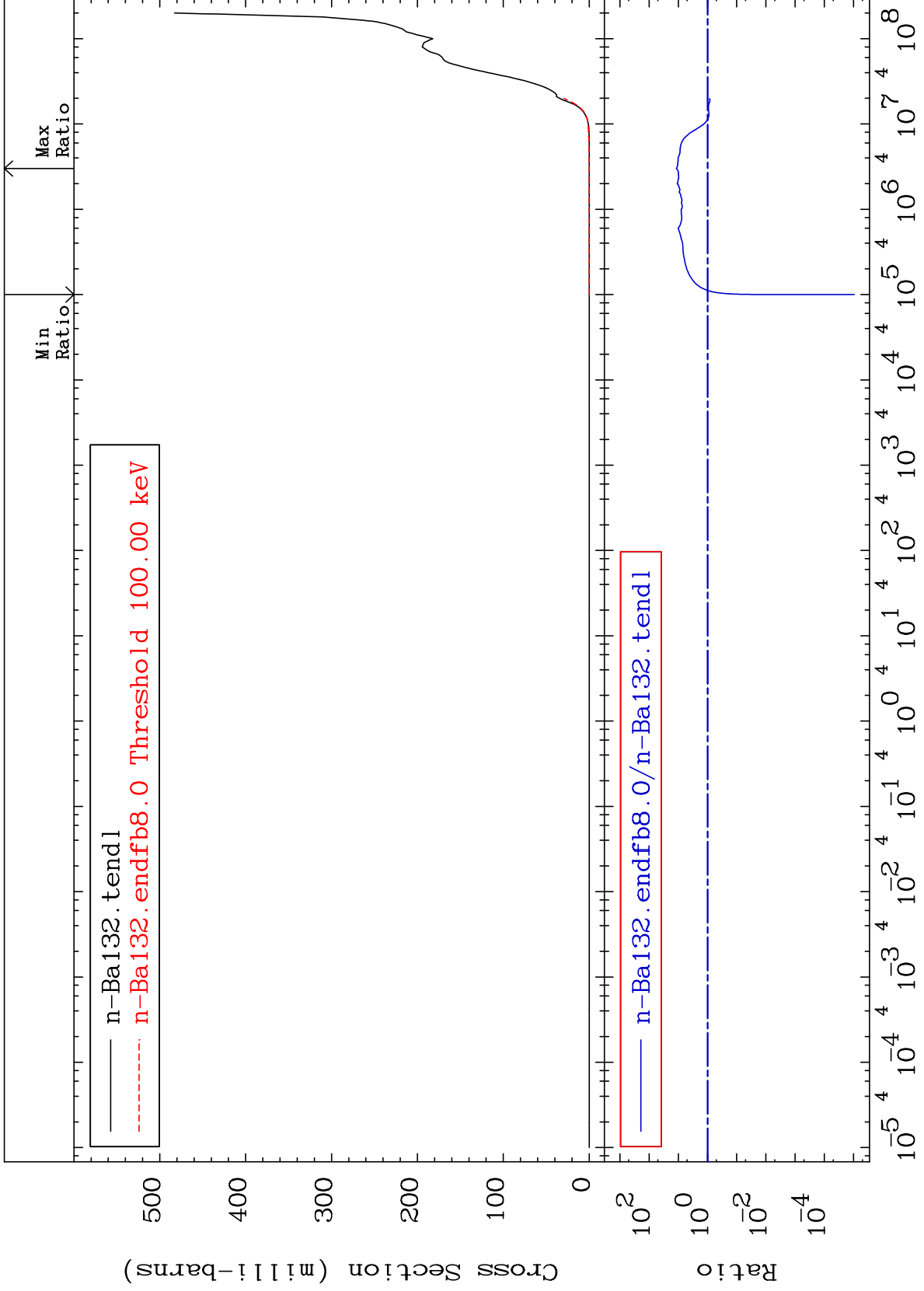
56-Ba-132

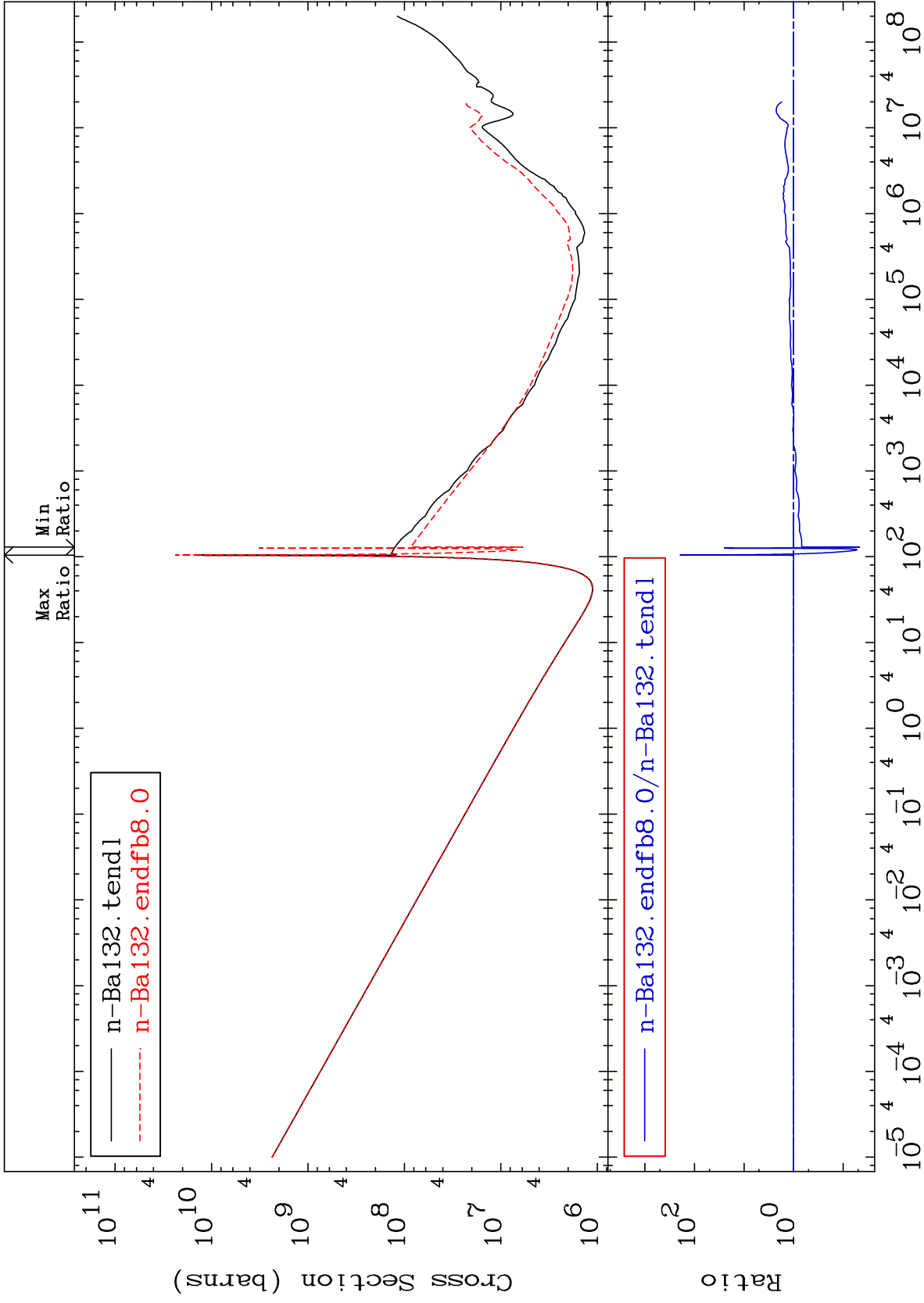


MAT 5631

He-4 Production
Cross Section

56-Ba-132
-100.0 To 1067. %

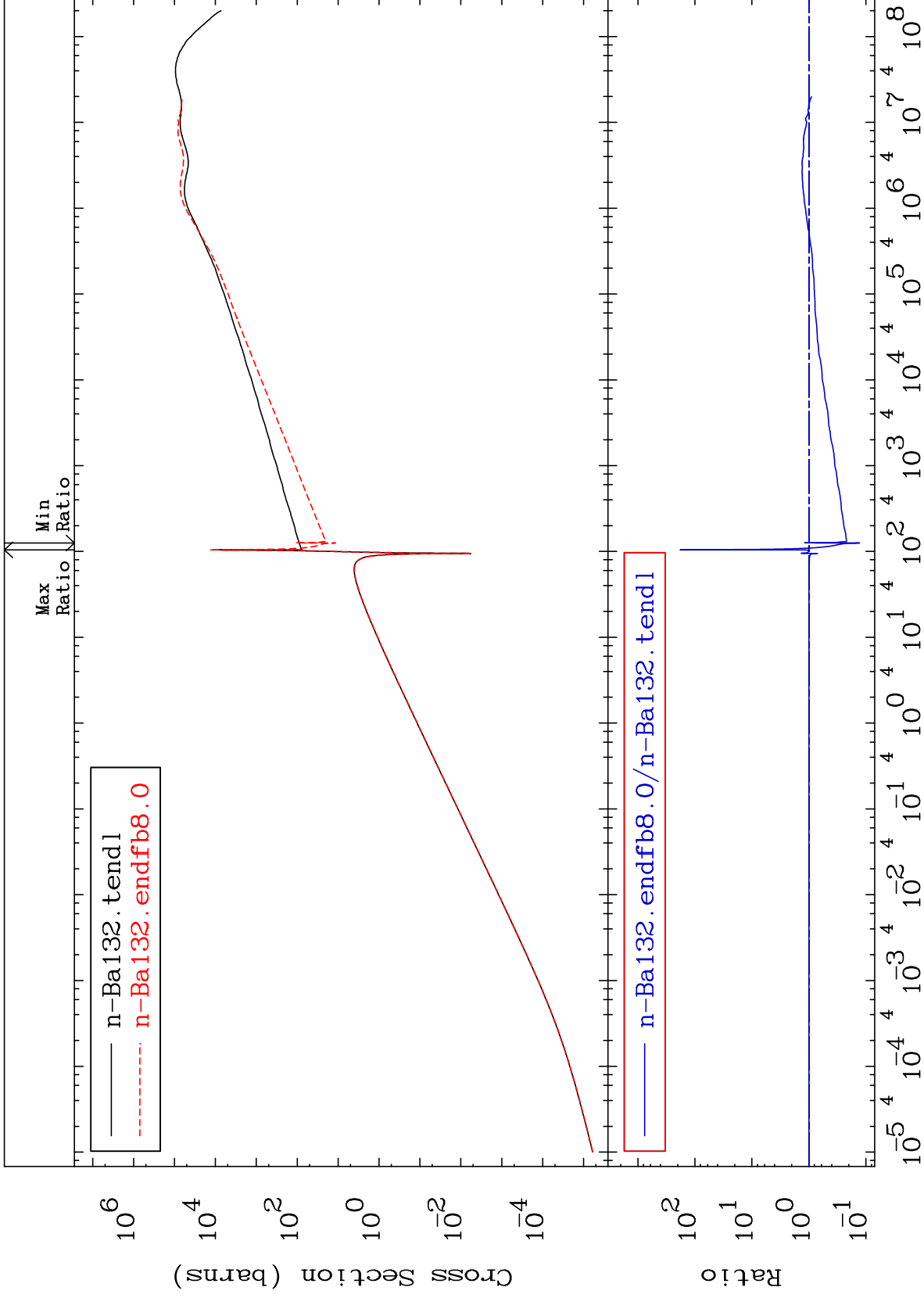


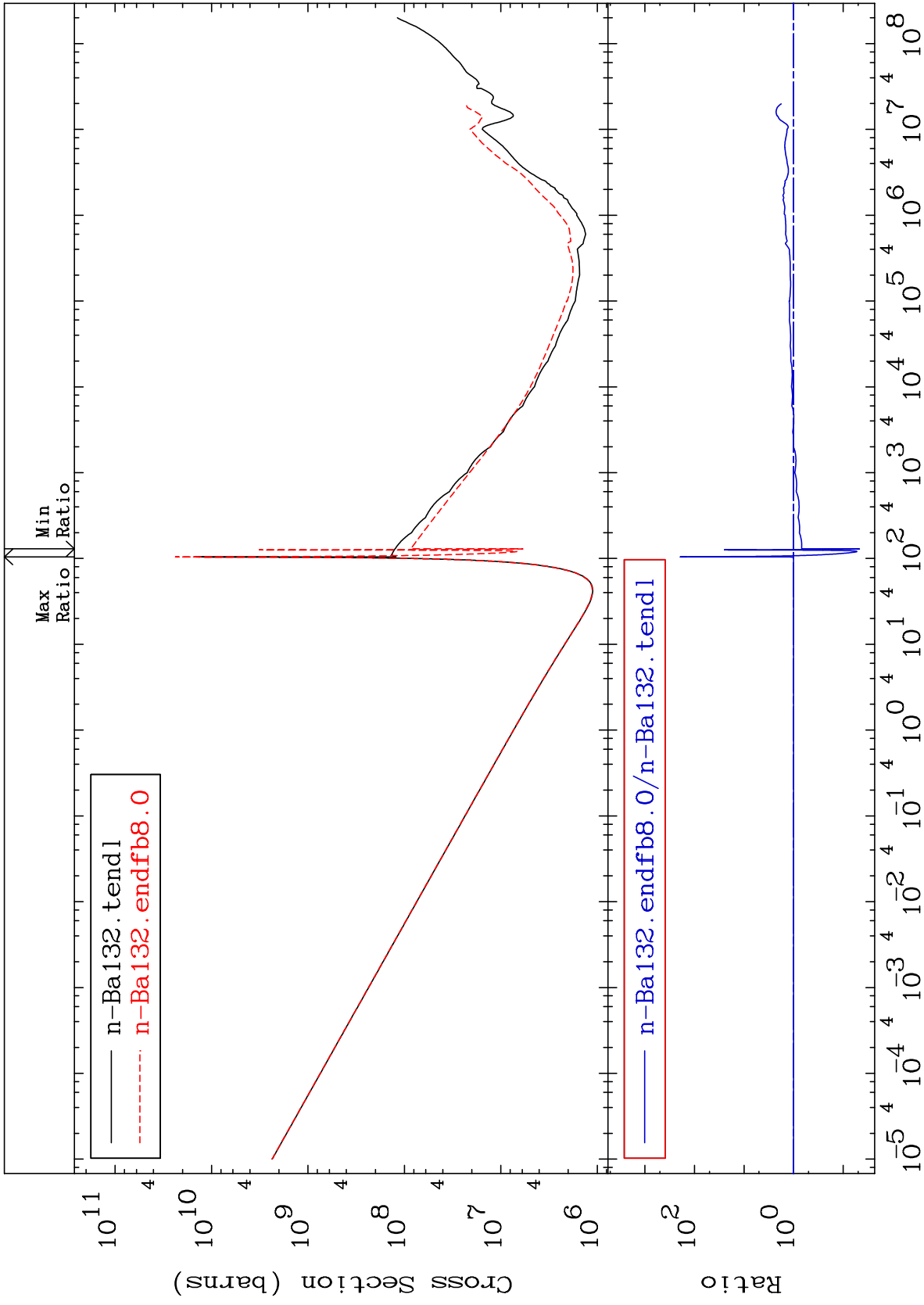


MAT 5631

Kerma elastic
Cross Section

56-Ba-132
-87.00 To 9999. %

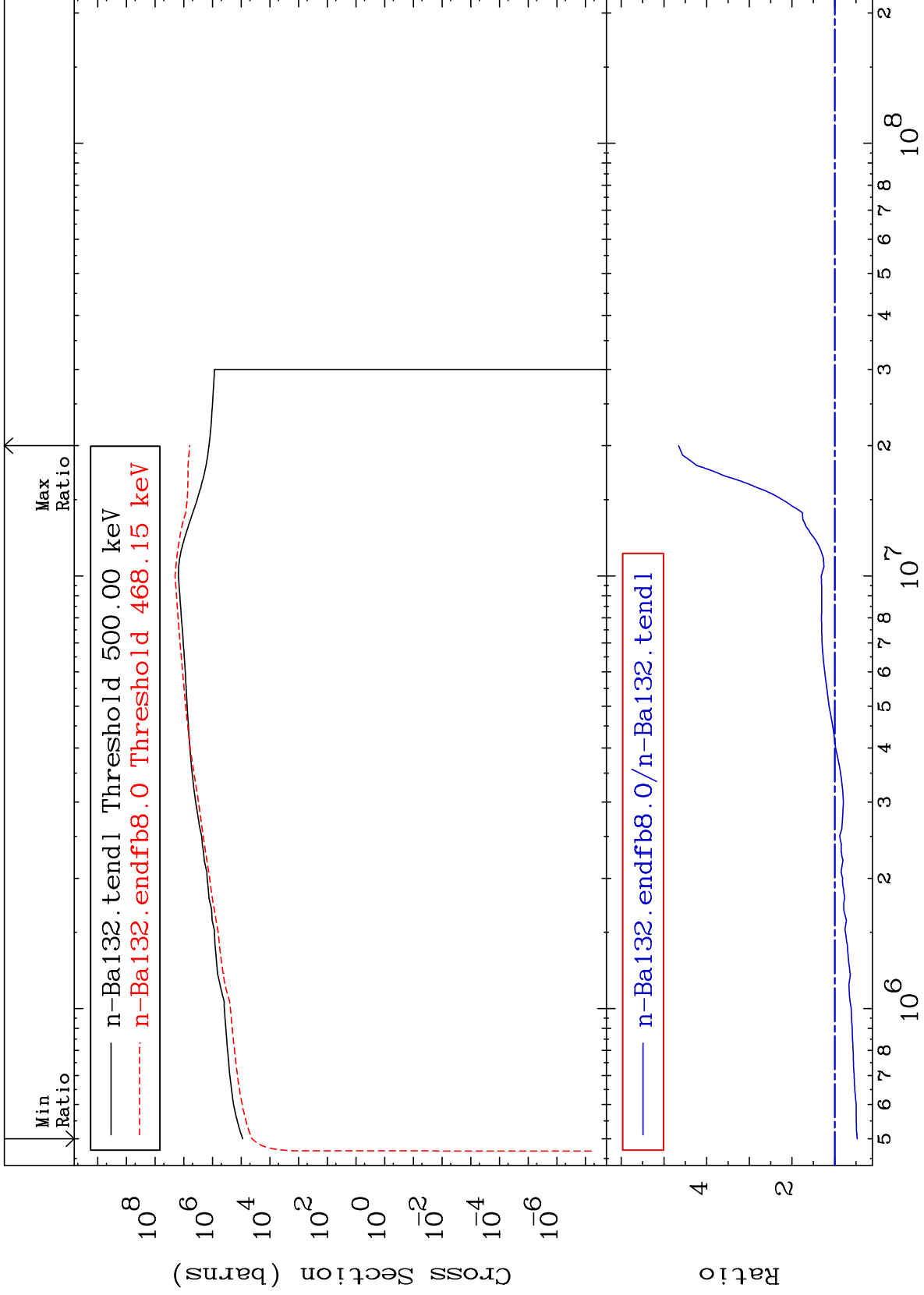




MAT 5631

Kerma inelastic (mt51-91)
Cross Section

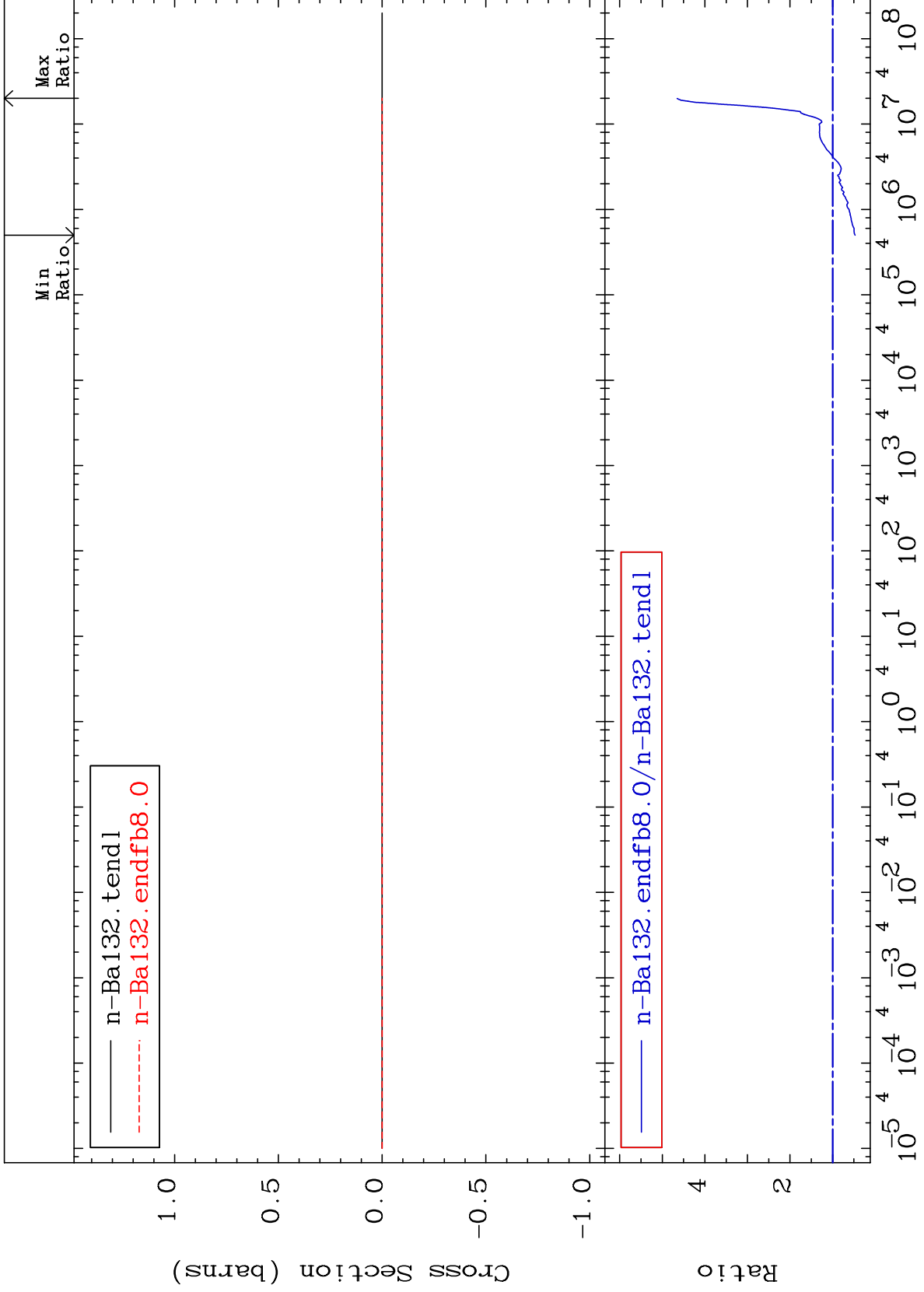
56-Ba-132
-52.73 To 365.6 %



MAT 5631

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

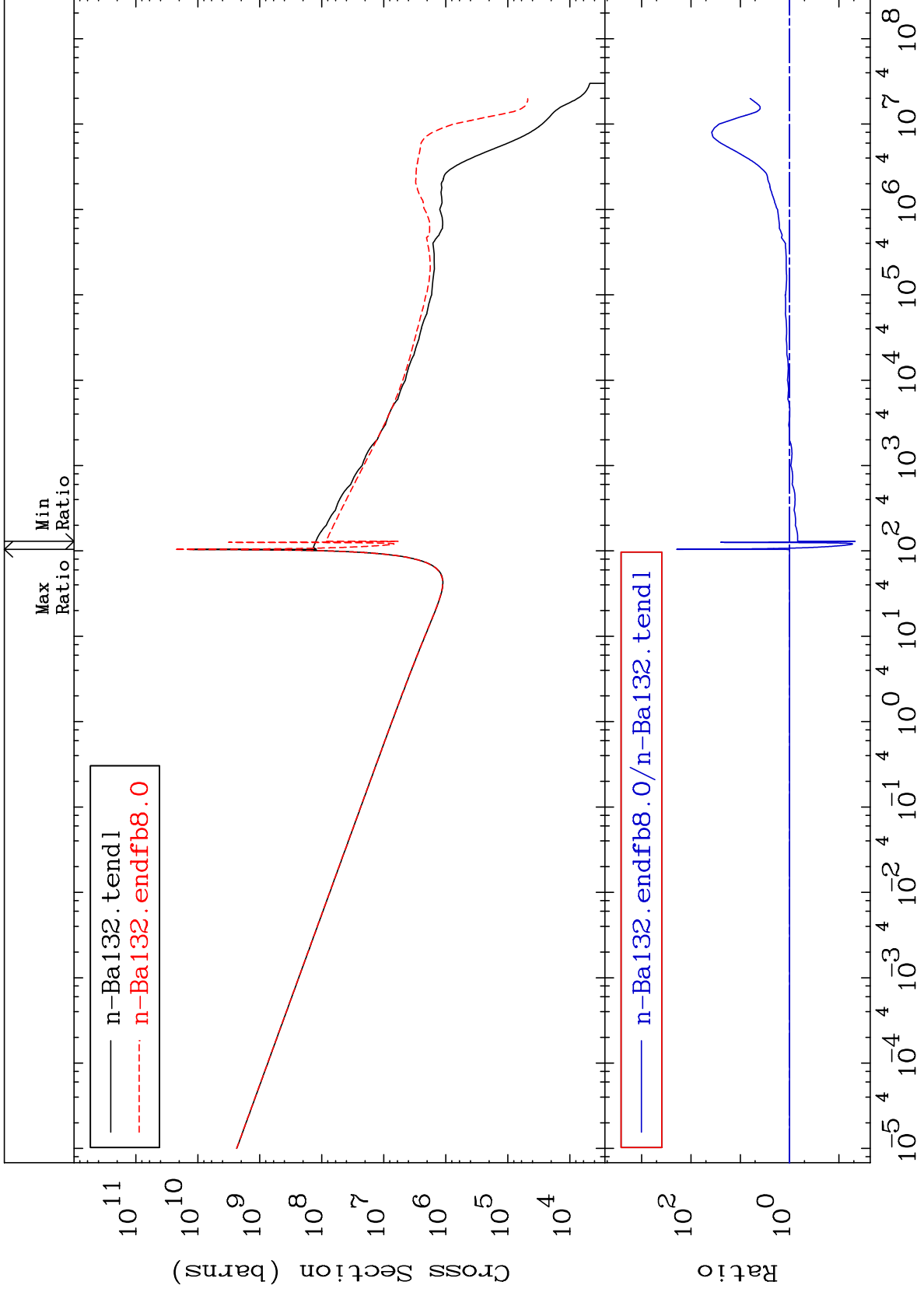
56-Ba-132
-52.73 To 365.6 %



MAT 5631

Kerma capture (mt102)
Cross Section

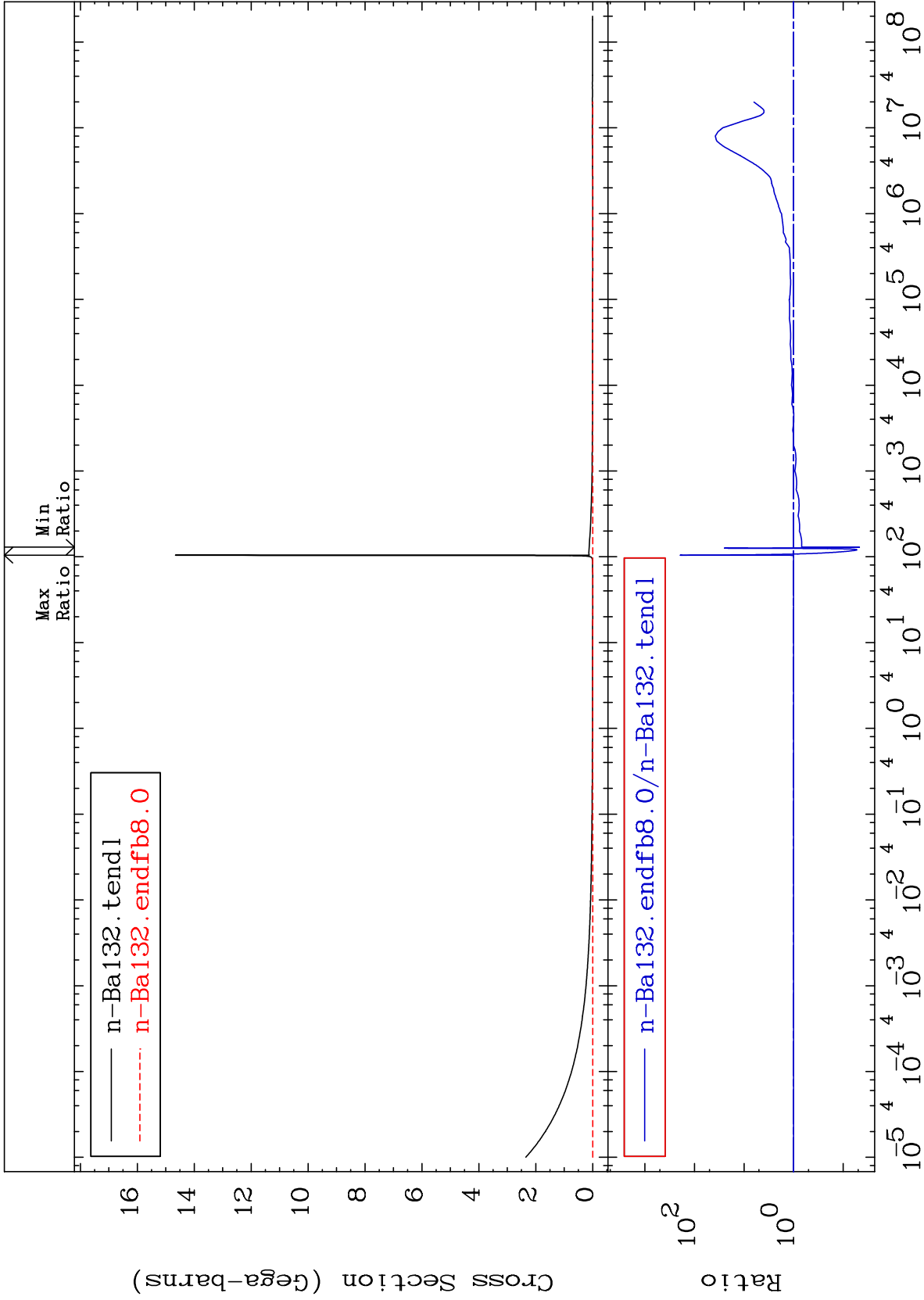
56-Ba-132
-95.30 To 9999. %



35

Incident Energy (eV)

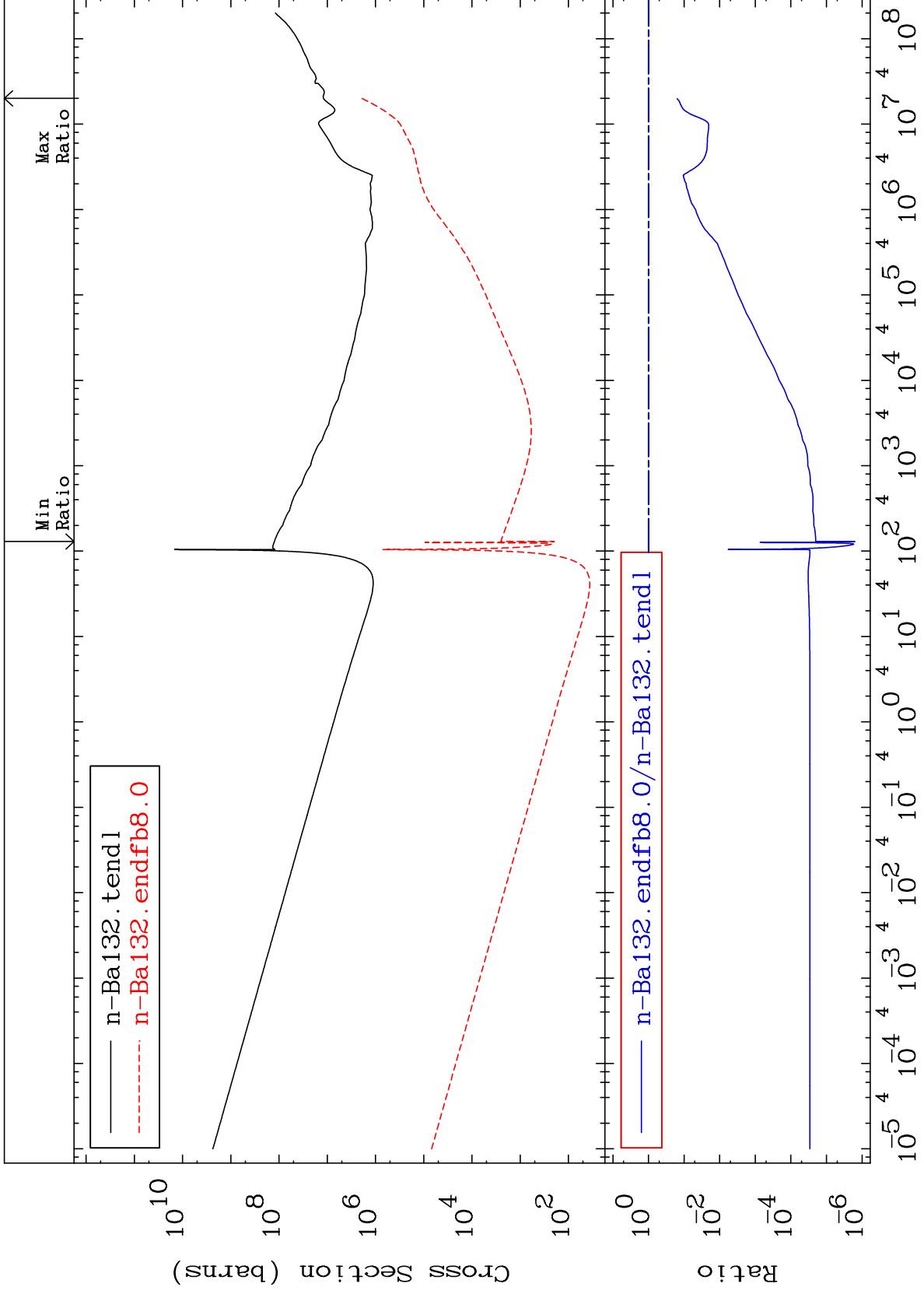
56-Ba-132



MAT 5631

Total kinematic kerma (high limit)
Cross Section

56-Ba-132
-100.0 To -84.12%



37

Incident Energy (eV)

56-Ba-132

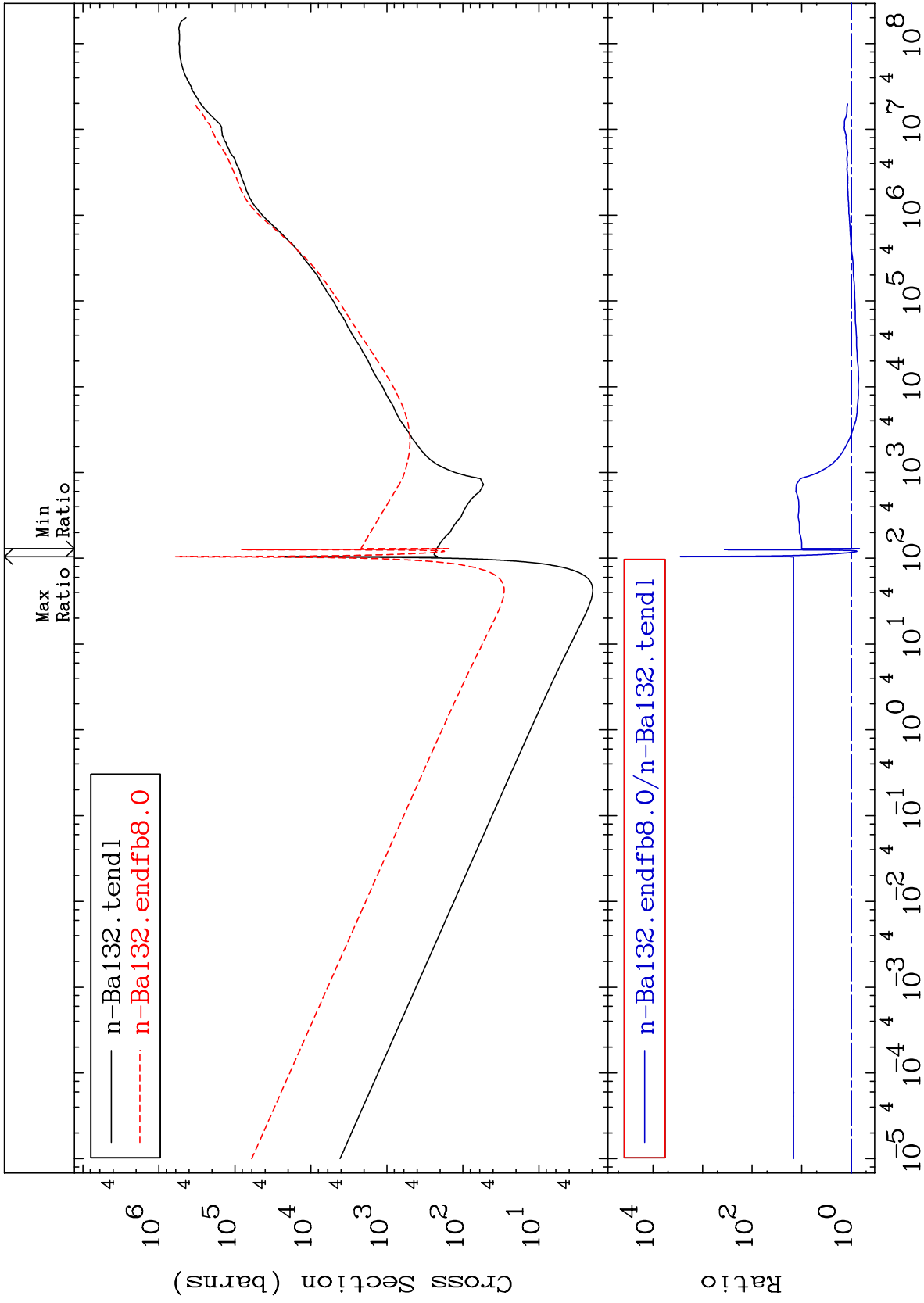
MAT 5631

Dpa total (eV-barns)

56-Ba-132

-31.70 To 9999. %

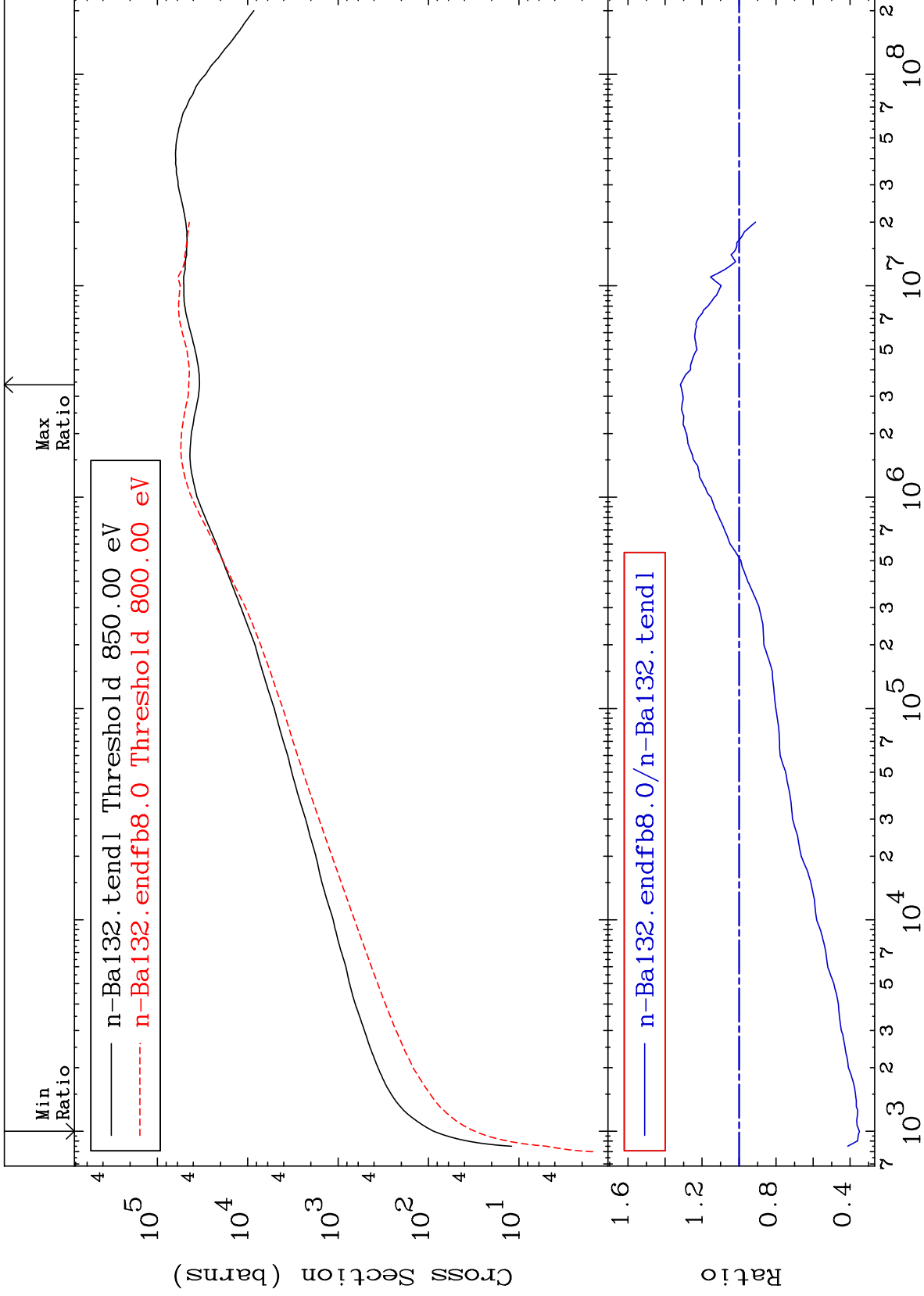
Cross Section



MAT 5631

Dpa elastic (mt2)
Cross Section

56-Ba-132
-65.04 To 31.74 %



39

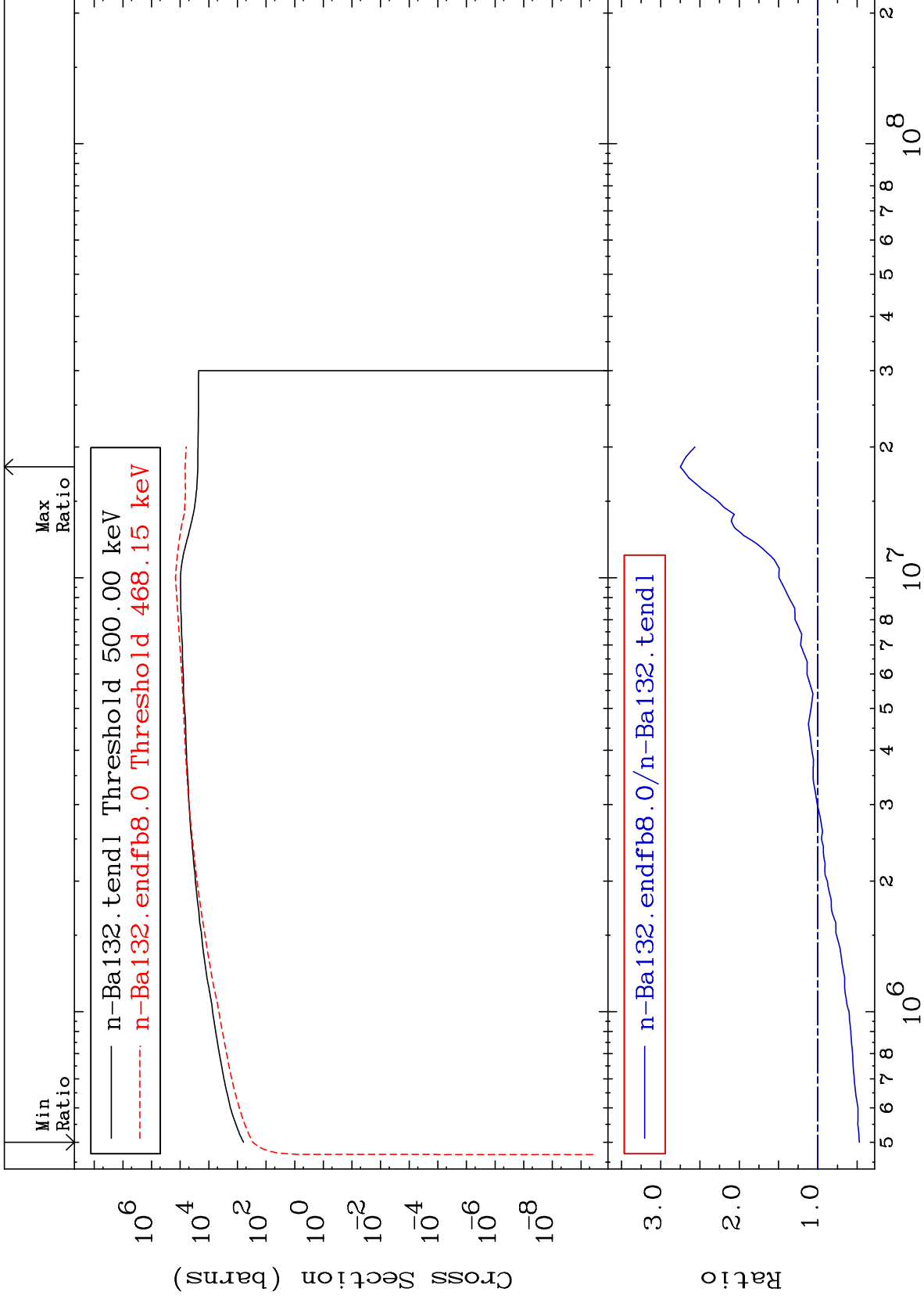
Incident Energy (eV)

56-Ba-132

MAT 5631

Dpa inelastic (mt51-91)
Cross Section

56-Ba-132
-53.01 To 175.0 %



40

56-Ba-132

MAT 5631

Dpa disappearance (mt102 -120)
Cross Section

56-Ba-132
-31.70 To 9999. %

