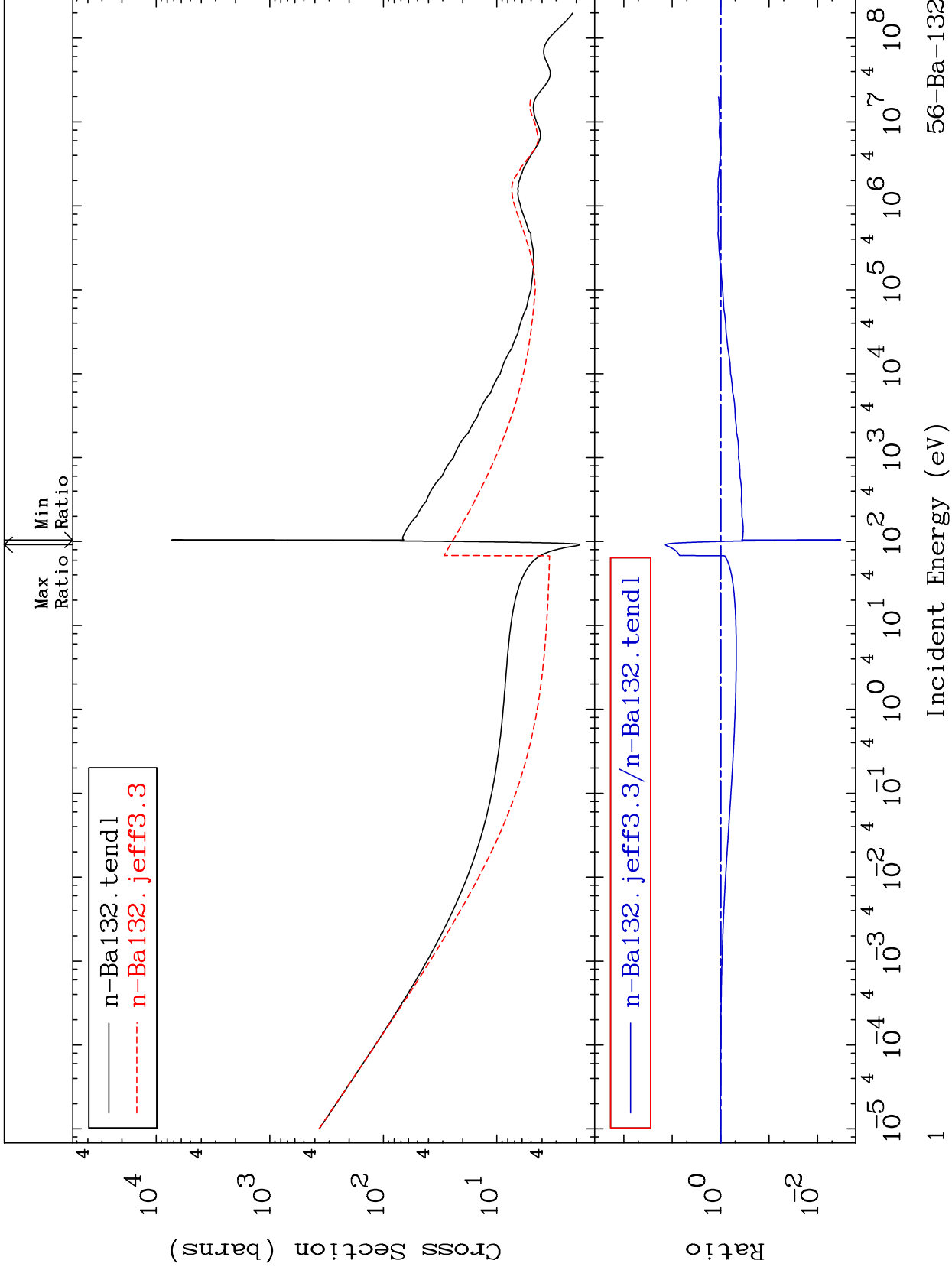


MAT 5631

Total
Cross Section

56-Ba-132
-99.67 To 1279. %



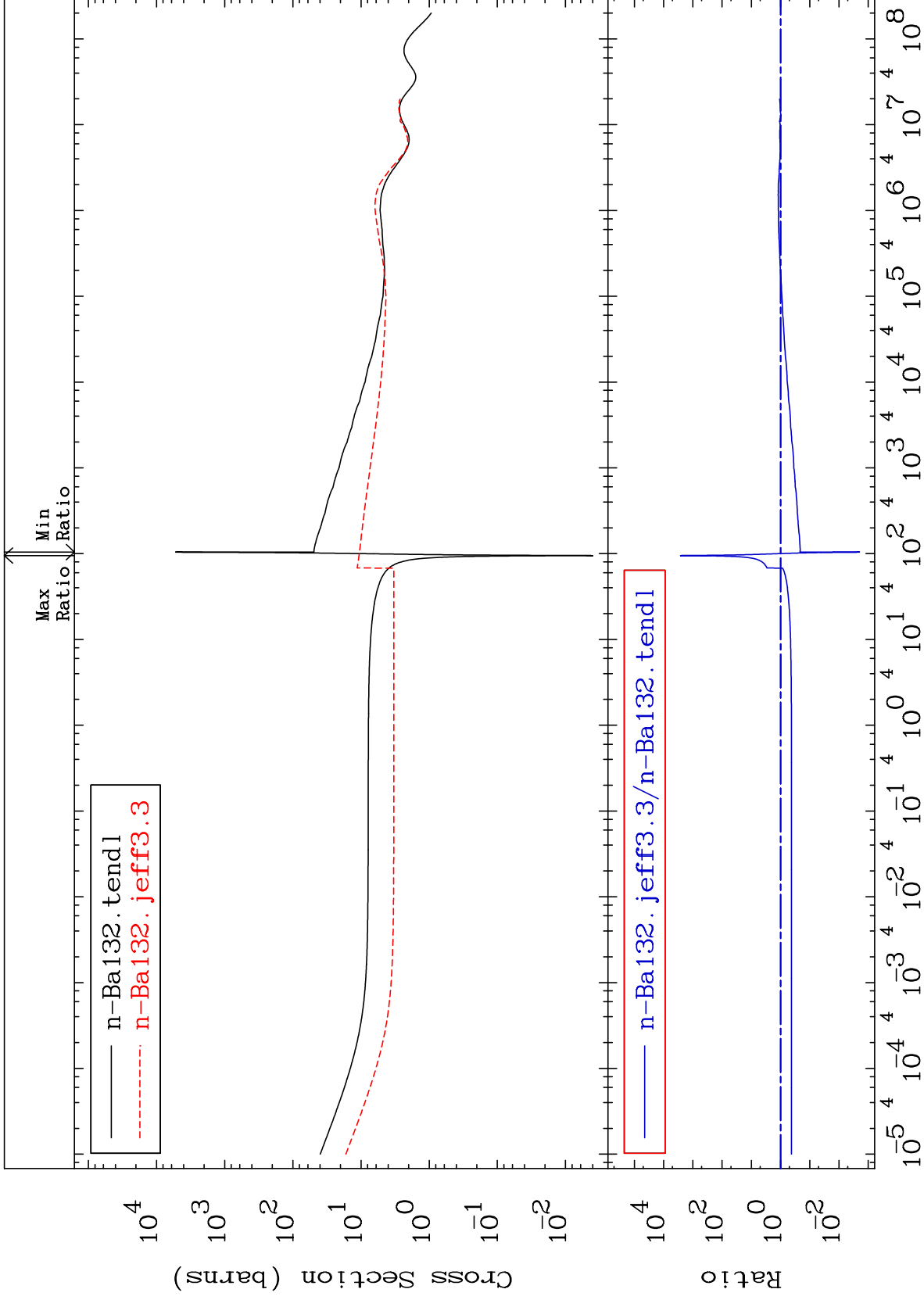
Incident Energy (eV)

56-Ba-132

MAT 5631

Elastic
Cross Section

56-Ba-132
-99.80 To 9999. %



Incident Energy (eV)

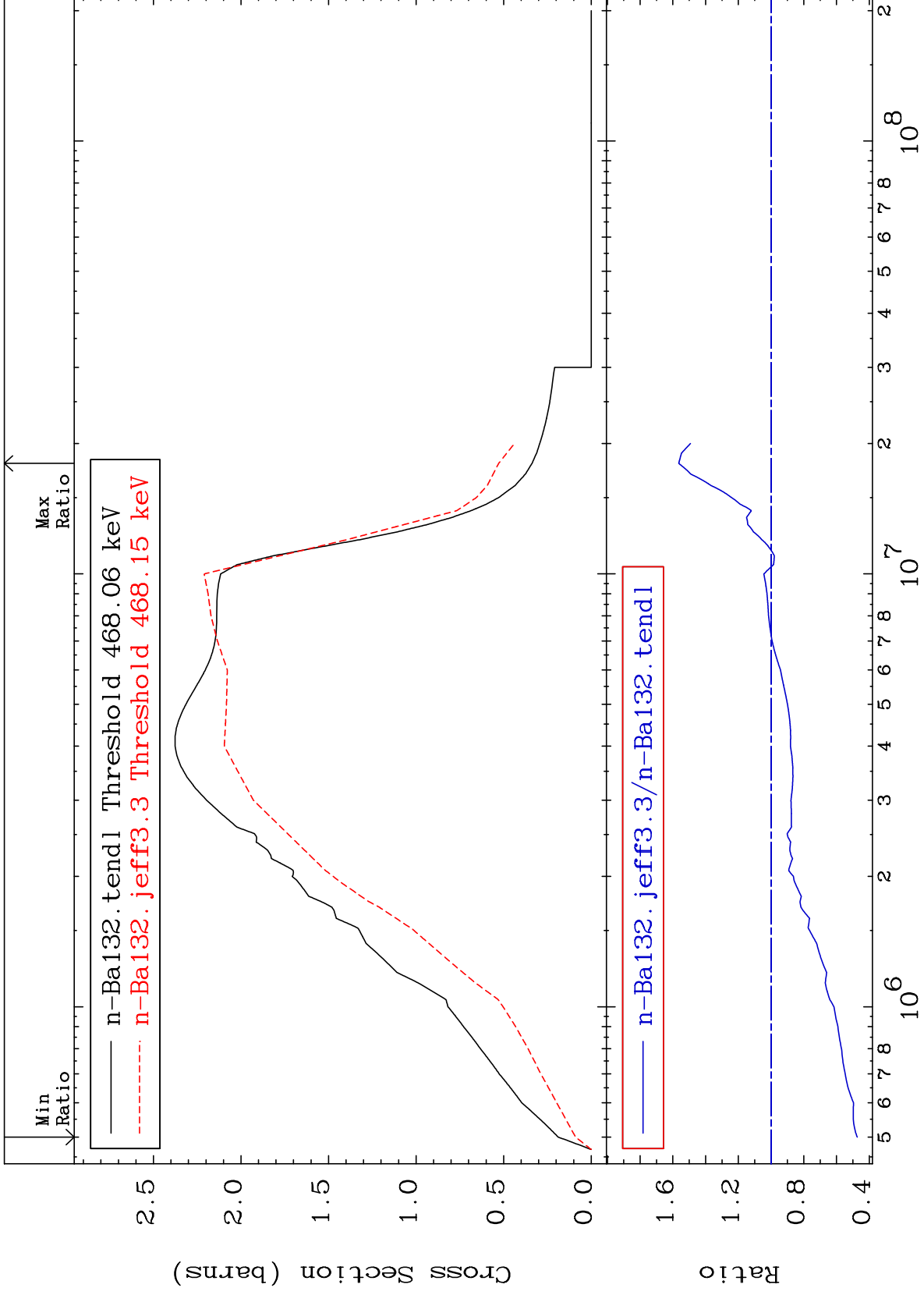
56-Ba-132

2

MAT 5631

Inelastic
Cross Section

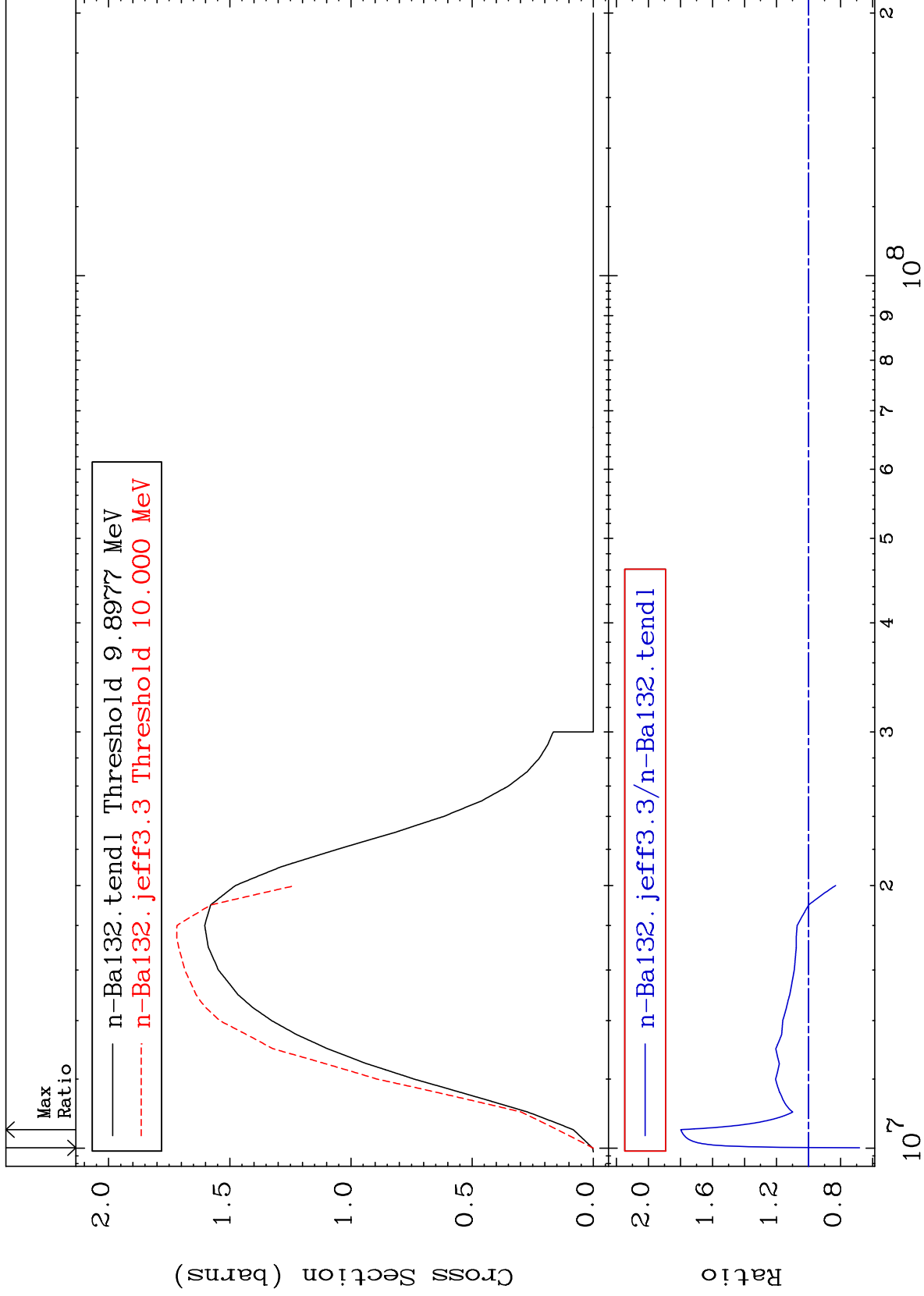
56-Ba-132
-52.65 To 56.47 %



MAT 5631

(n,2n)
Cross Section

56-Ba-132
-31.80 To 79.80 %



56-Ba-132

4

MAT 5631

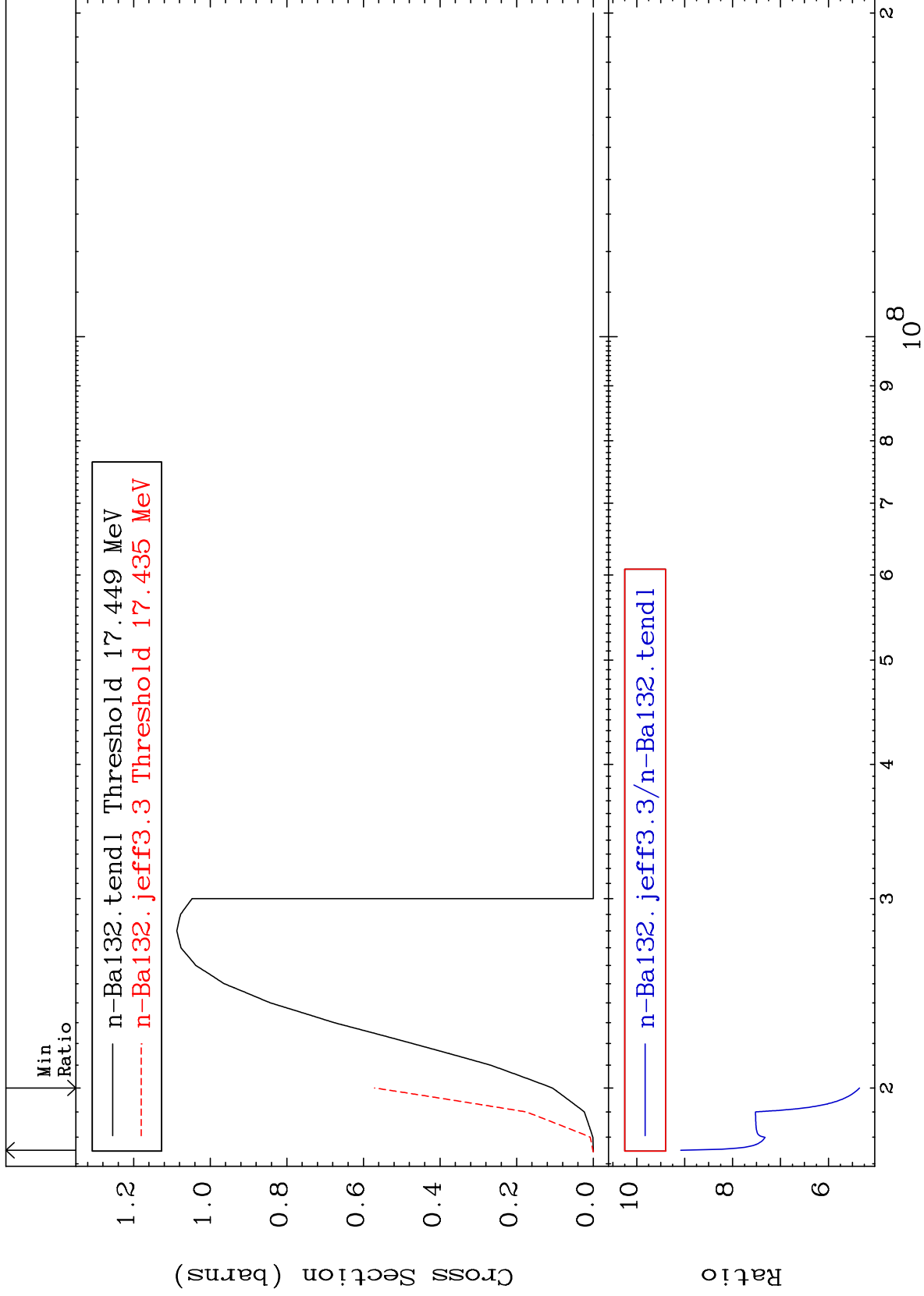
(n,3n)

56-Ba-132

Cross Section

435.1

To 808.1 %



5

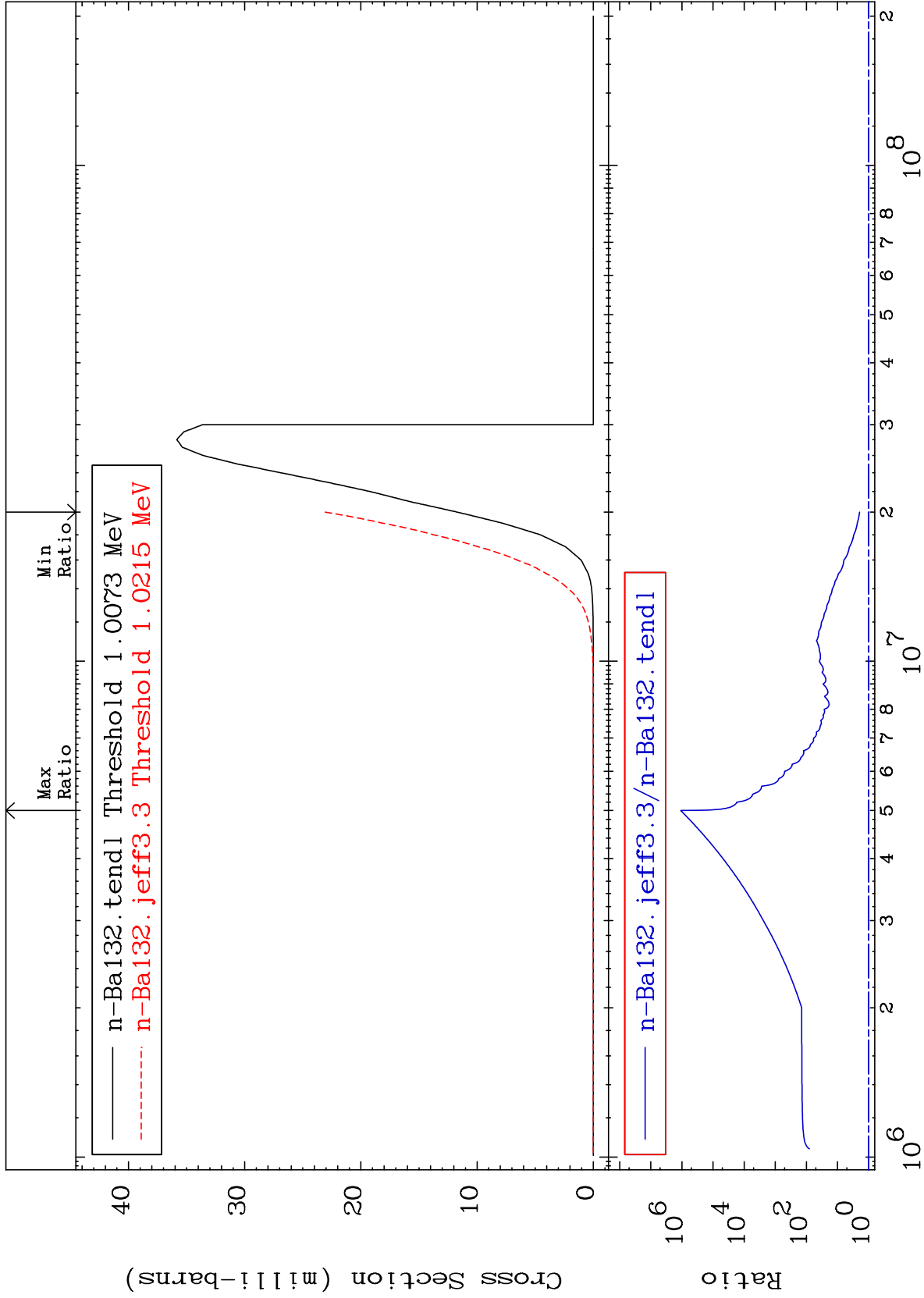
56-Ba-132

56-Ba-132

MAT 5631

(n,n') α
Cross Section

56-Ba-132
96.77 To 9999. %

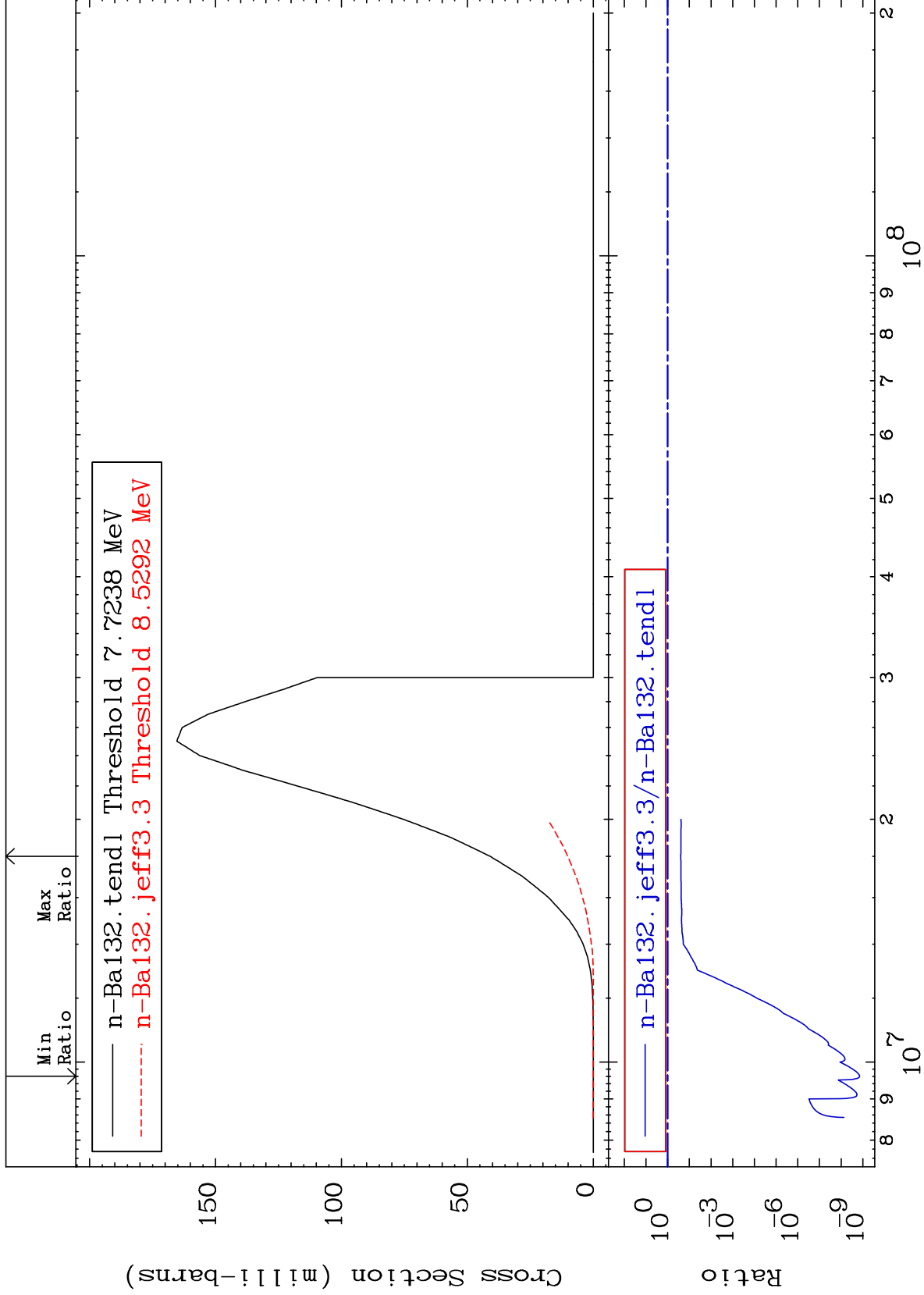


56-Ba-132

MAT 5631

(n, n') p
Cross Section

56-Ba-132
-100.0 To -75.18%



7

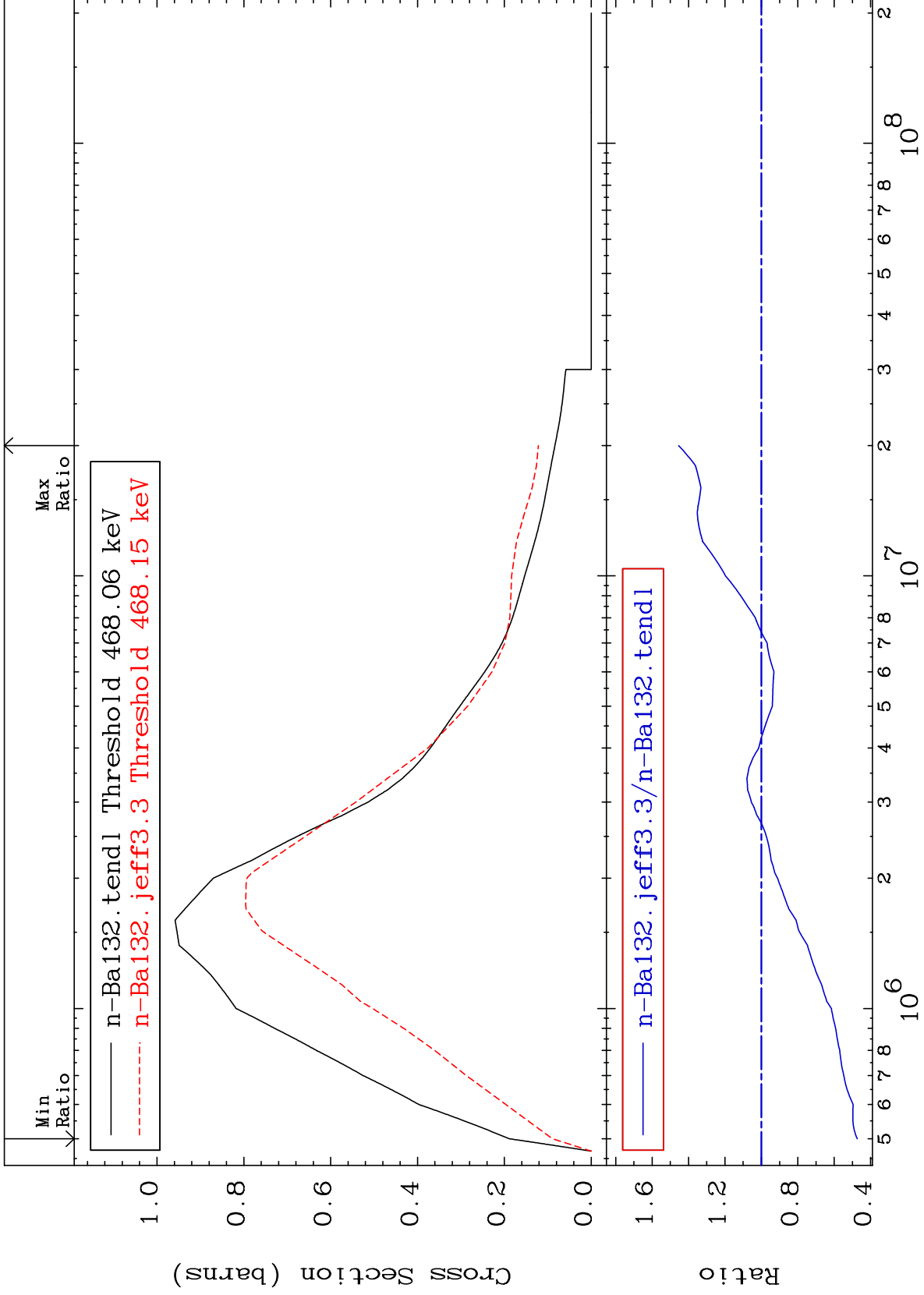
Incident Energy (eV)

56-Ba-132

MAT 5631

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

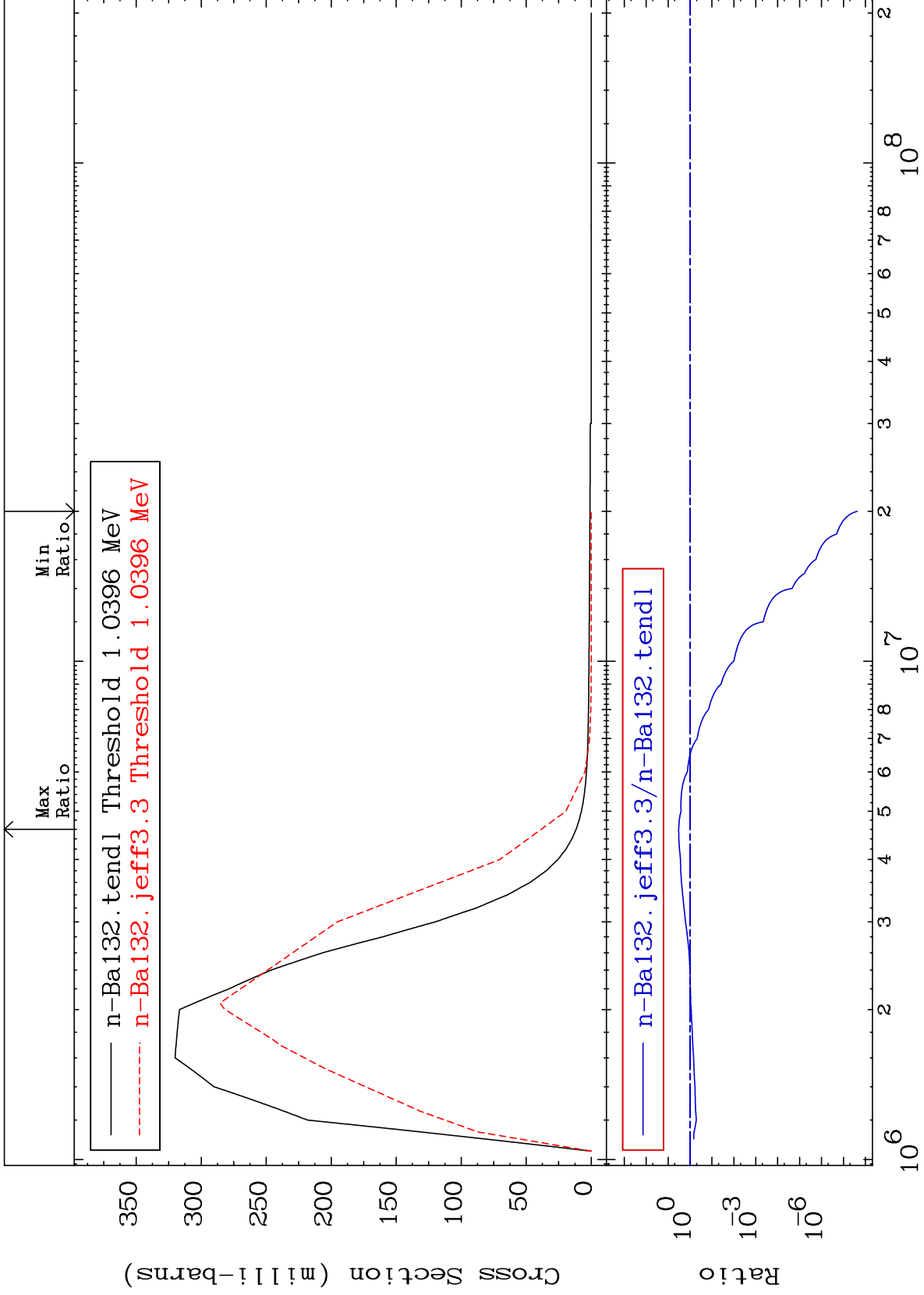
56-Ba-132
-52.65 To 45.43 %



MAT 5631

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

56-Ba-132
-100.0 To 231.8 %



9

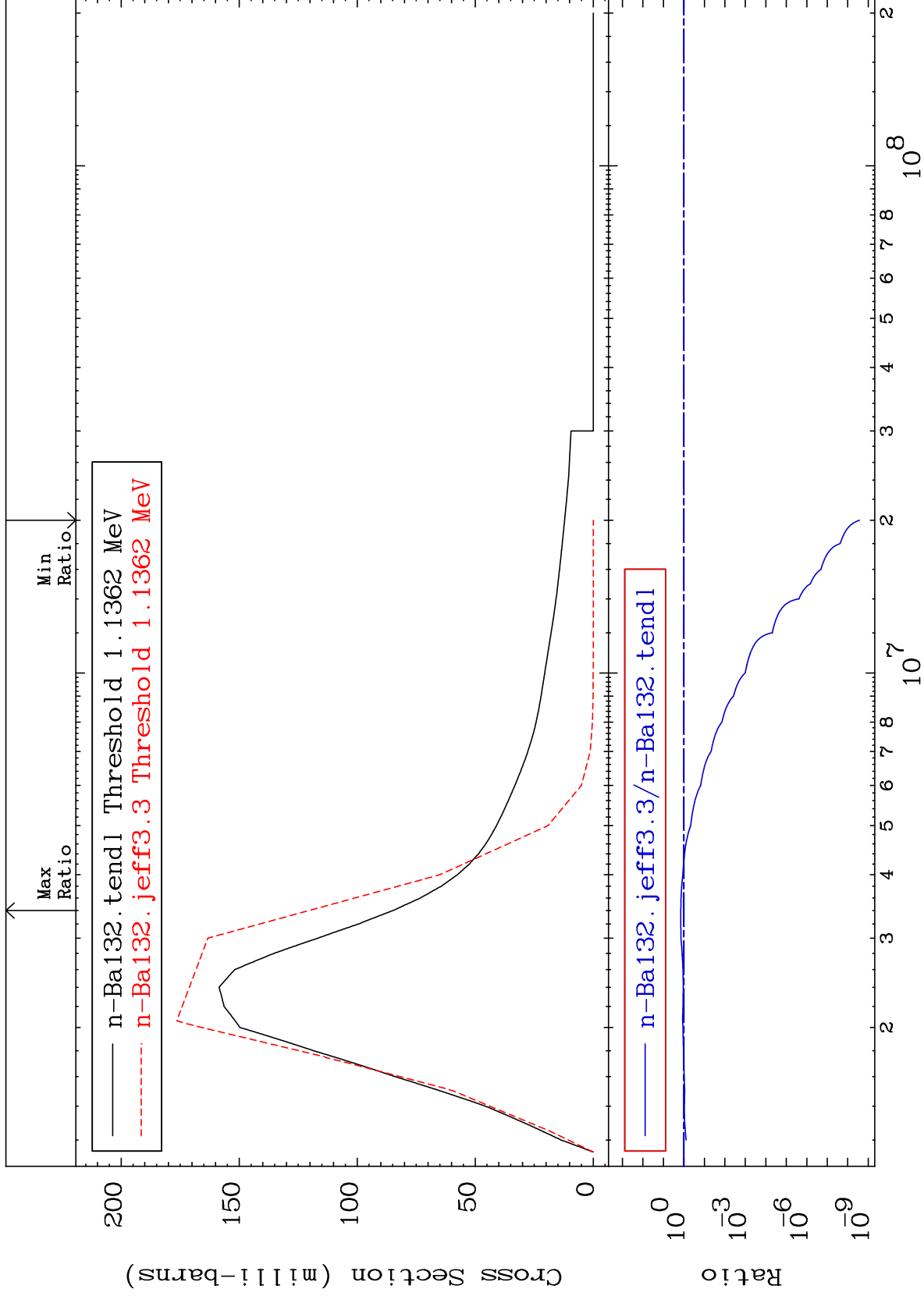
Incident Energy (eV)

56-Ba-132

MAT 5631

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

56-Ba-132
-100.0 To 42.07 %



10

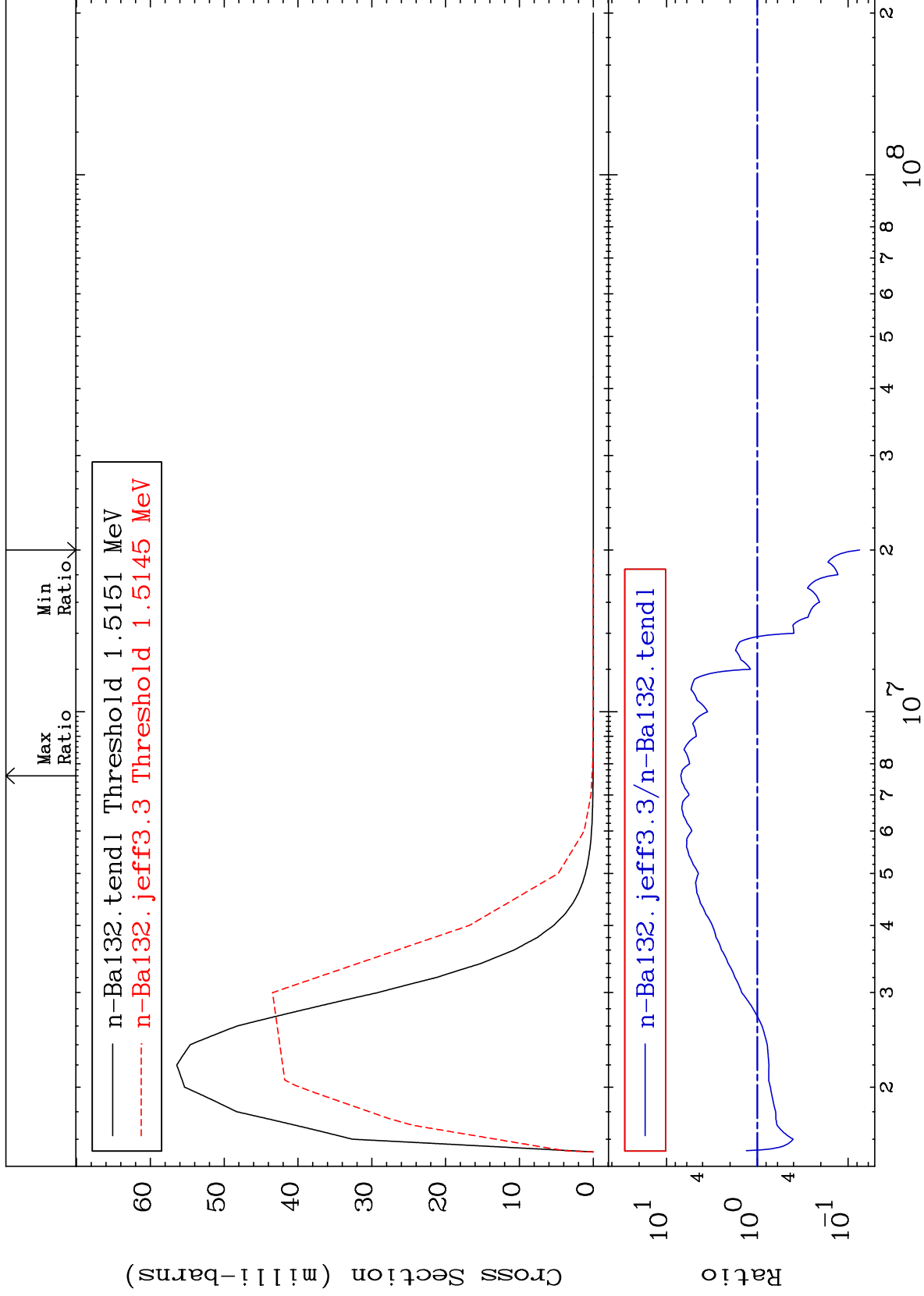
Incident Energy (eV)

56-Ba-132

MAT 5631

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

56-Ba-132
-92.50 To 596.6 %



11

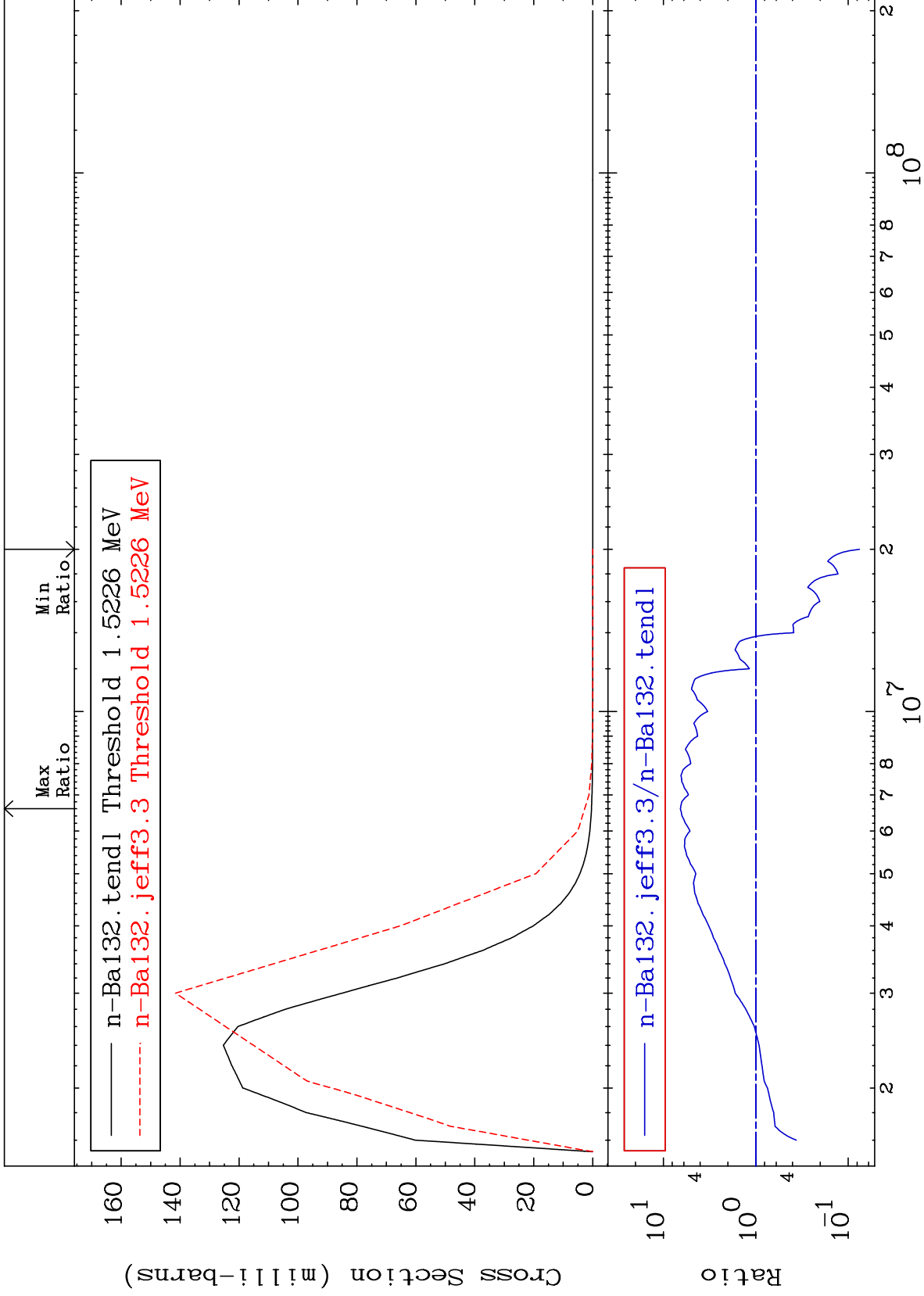
Incident Energy (eV)

56-Ba-132

MAT 5631

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

56-Ba-132
-92.46 To 554.1 %



12

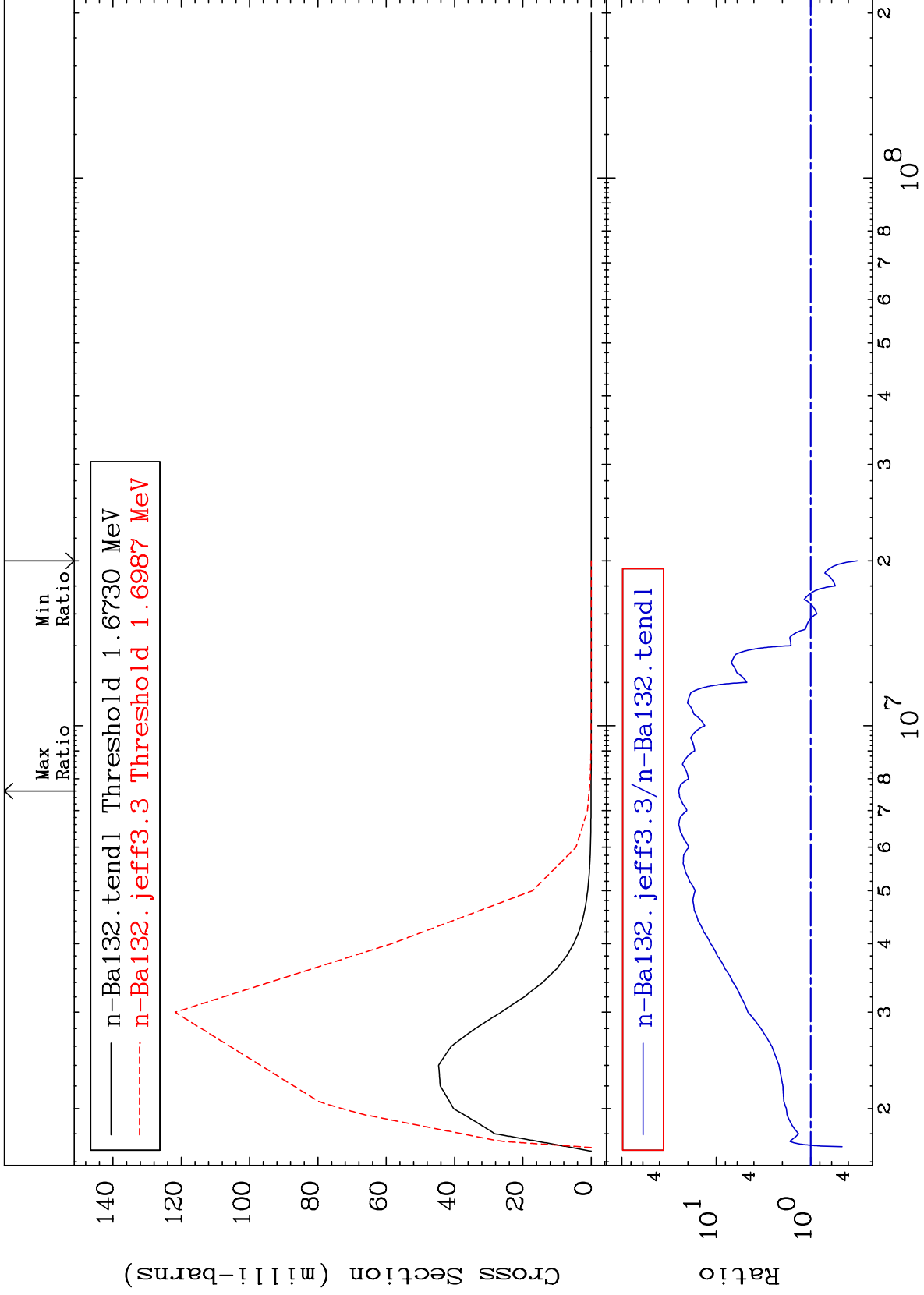
Incident Energy (eV)

56-Ba-132

MAT 5631

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

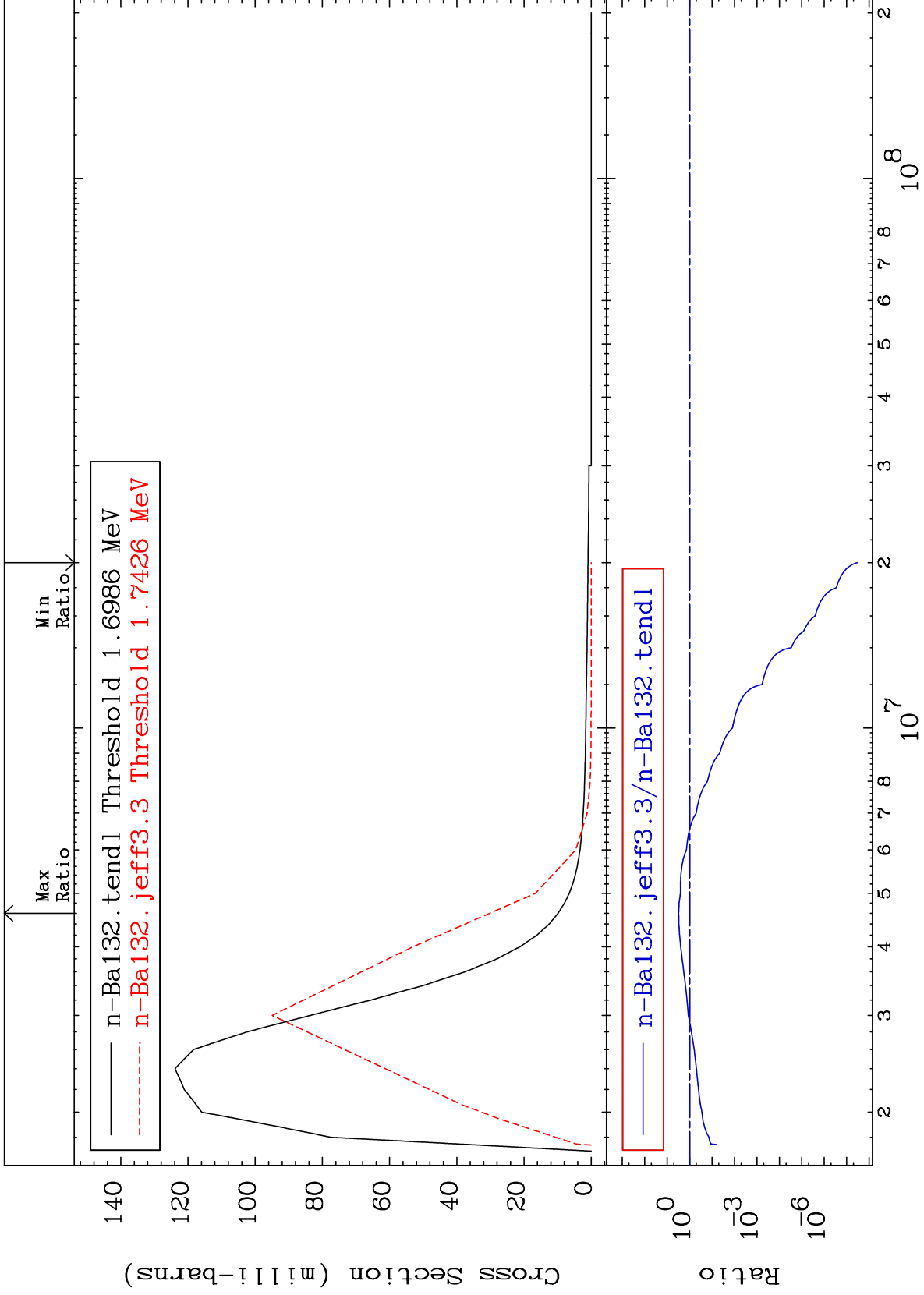
56-Ba-132
-67.87 To 2404. %



MAT 5631

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

56-Ba-132
-100.0 To 206.6 %



14

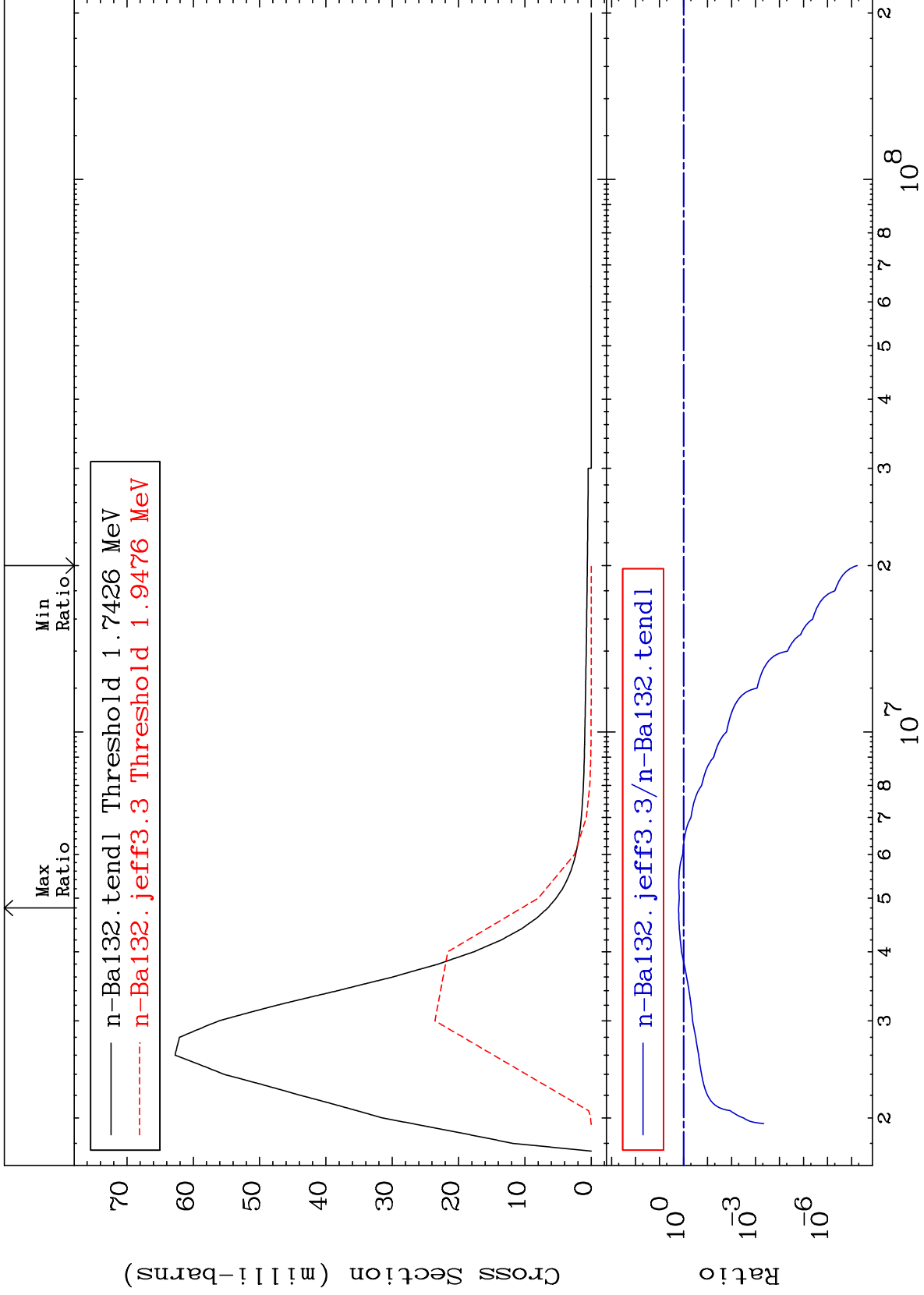
Incident Energy (eV)

56-Ba-132

MAT 5631

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

56-Ba-132
-100.0 To 60.10 %



15

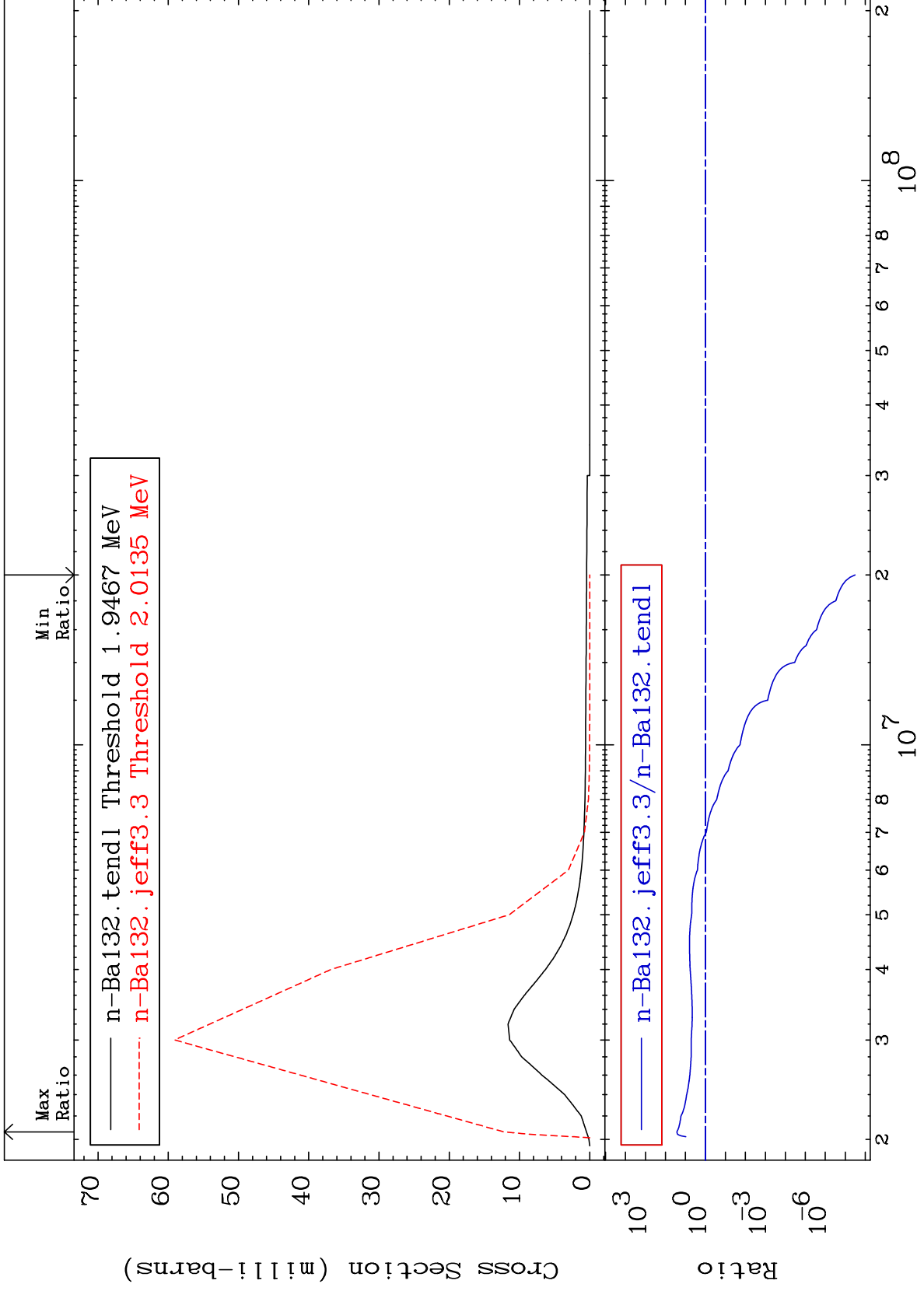
Incident Energy (eV)

56-Ba-132

MAT 5631

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

56-Ba-132
-100.0 To 2575. %



16

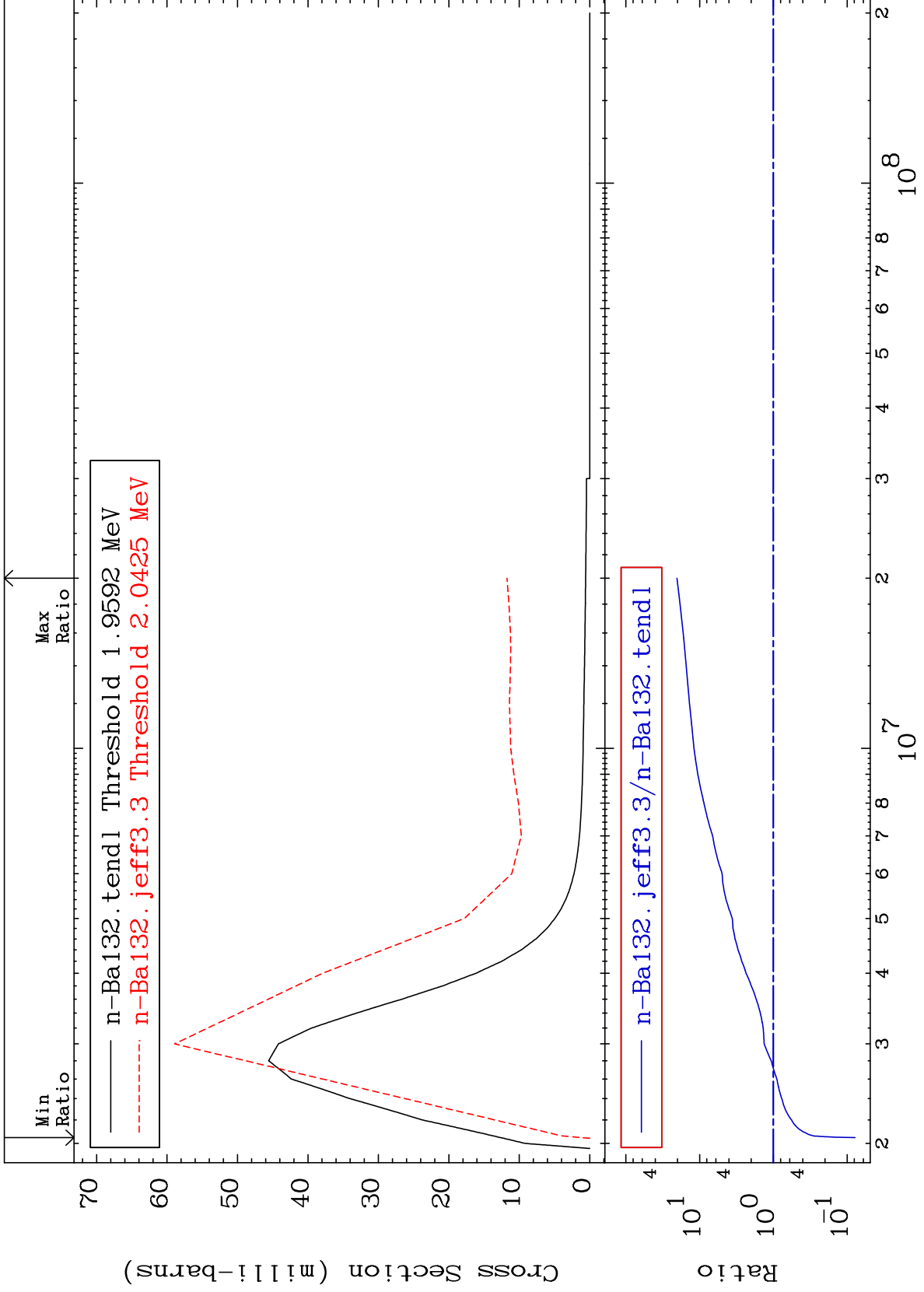
Incident Energy (eV)

56-Ba-132

MAT 5631

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

56-Ba-132
-92.20 To 1931. %



17

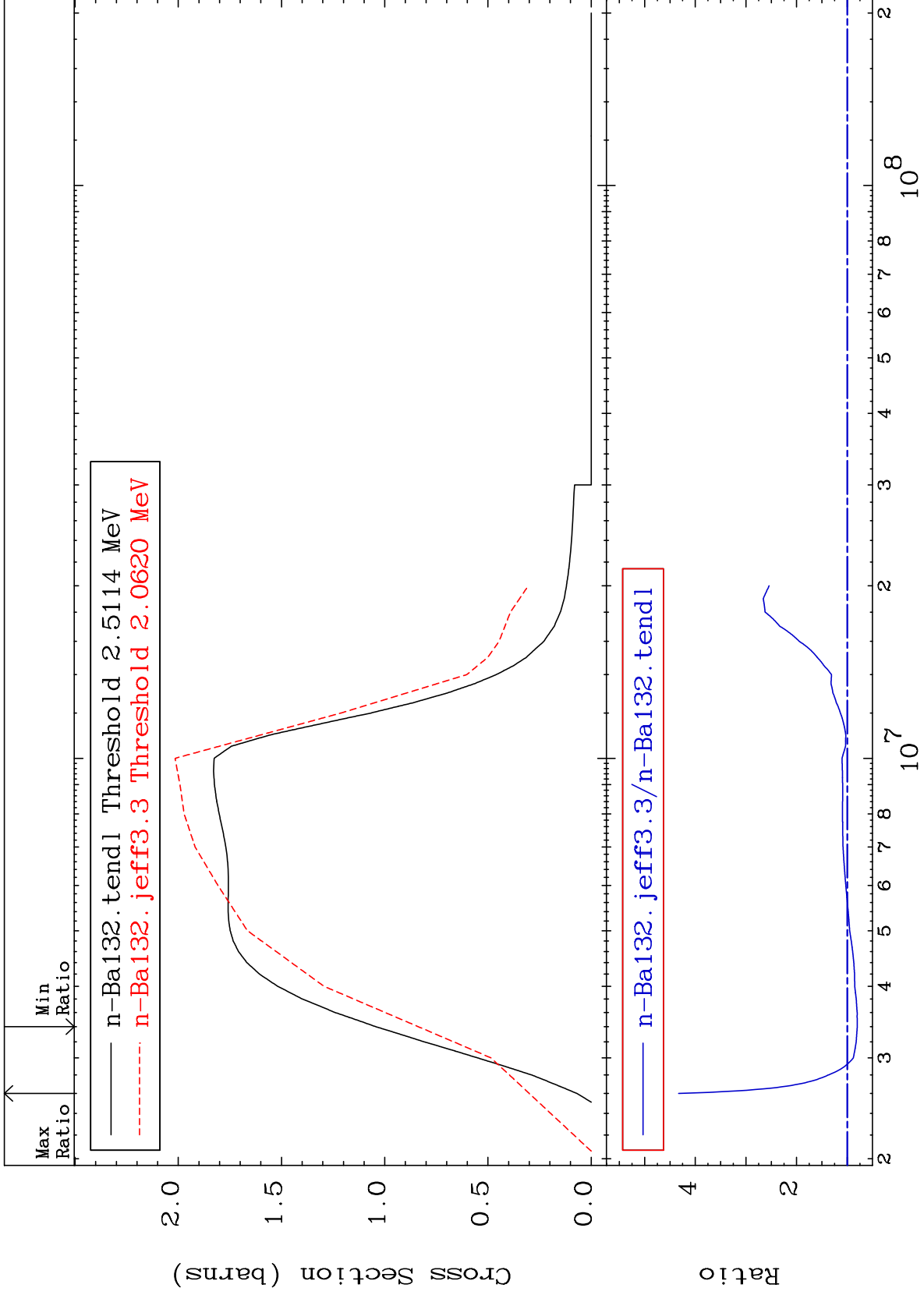
Incident Energy (eV)

56-Ba-132

MAT 5631

(n, n') Continuum
Cross Section

56-Ba-132
-19.75 To 332.9 %



18

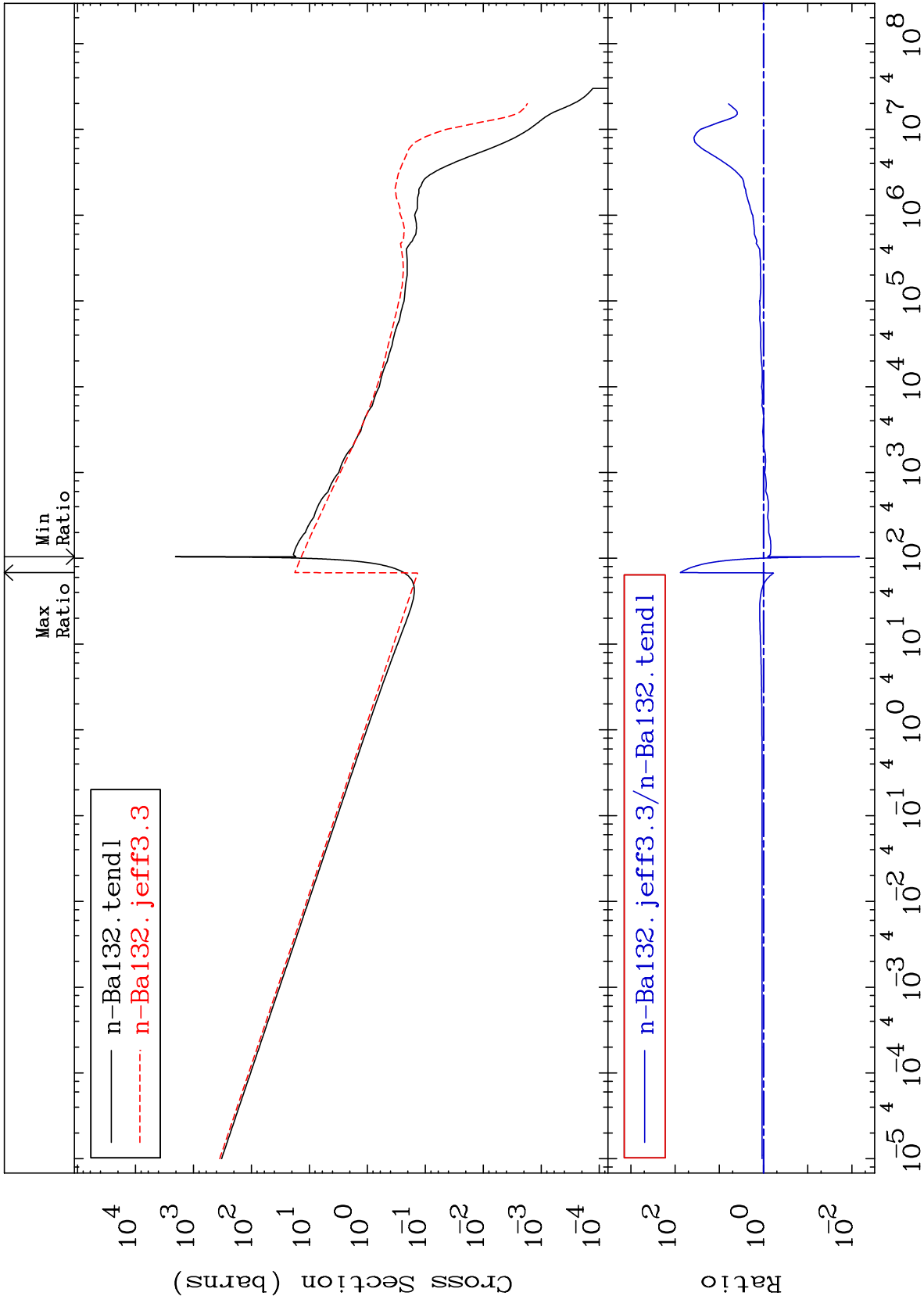
Incident Energy (eV)

56-Ba-132

MAT 5631

(n, γ)
Cross Section

56-Ba-132
-99.32 To 7509. %



19

Incident Energy (eV)

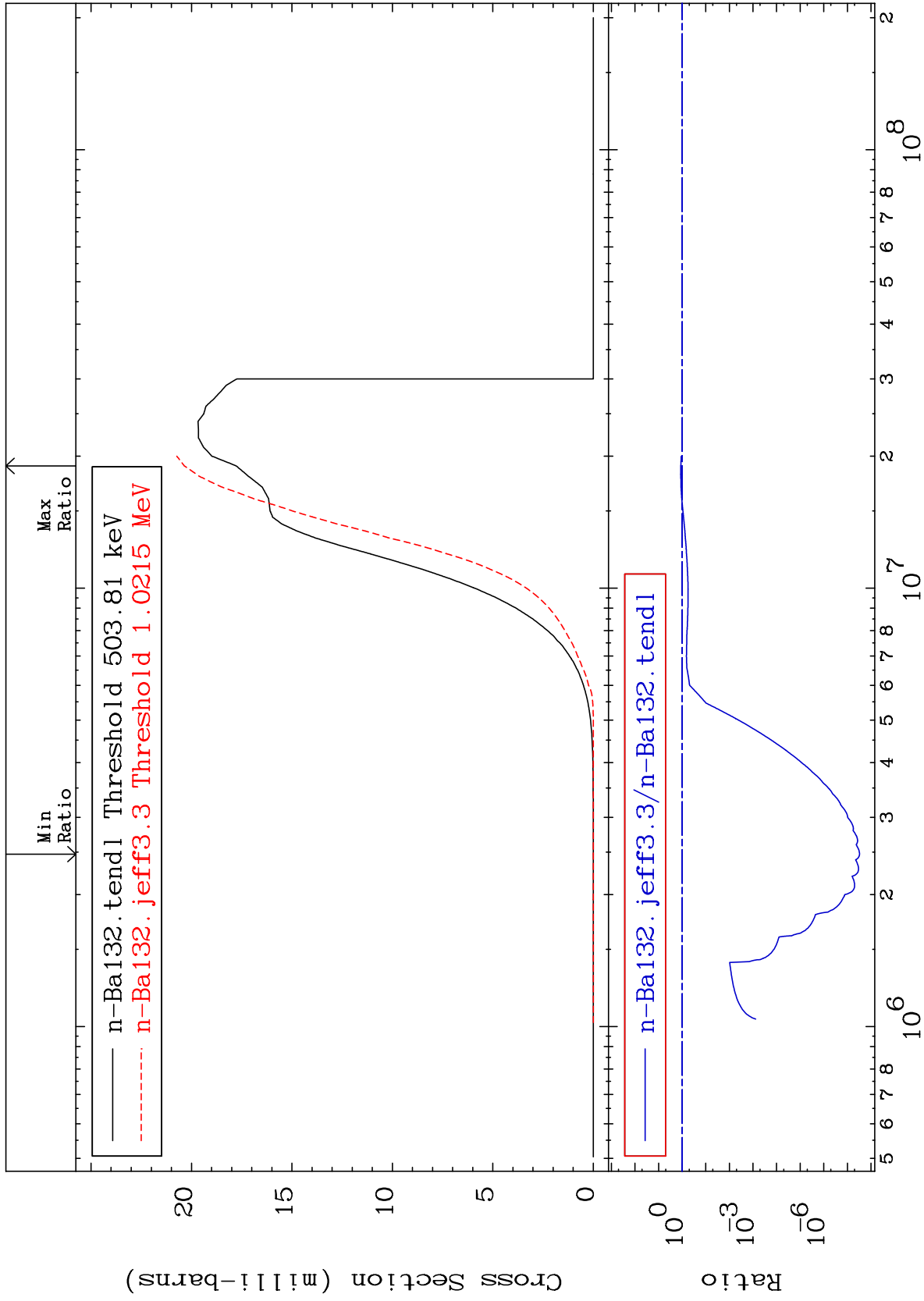
56-Ba-132

MAT 5631

56-Ba-132

(n,p)
Cross Section

-100.0 To 14.54 %



20

56-Ba-132

56-Ba-132

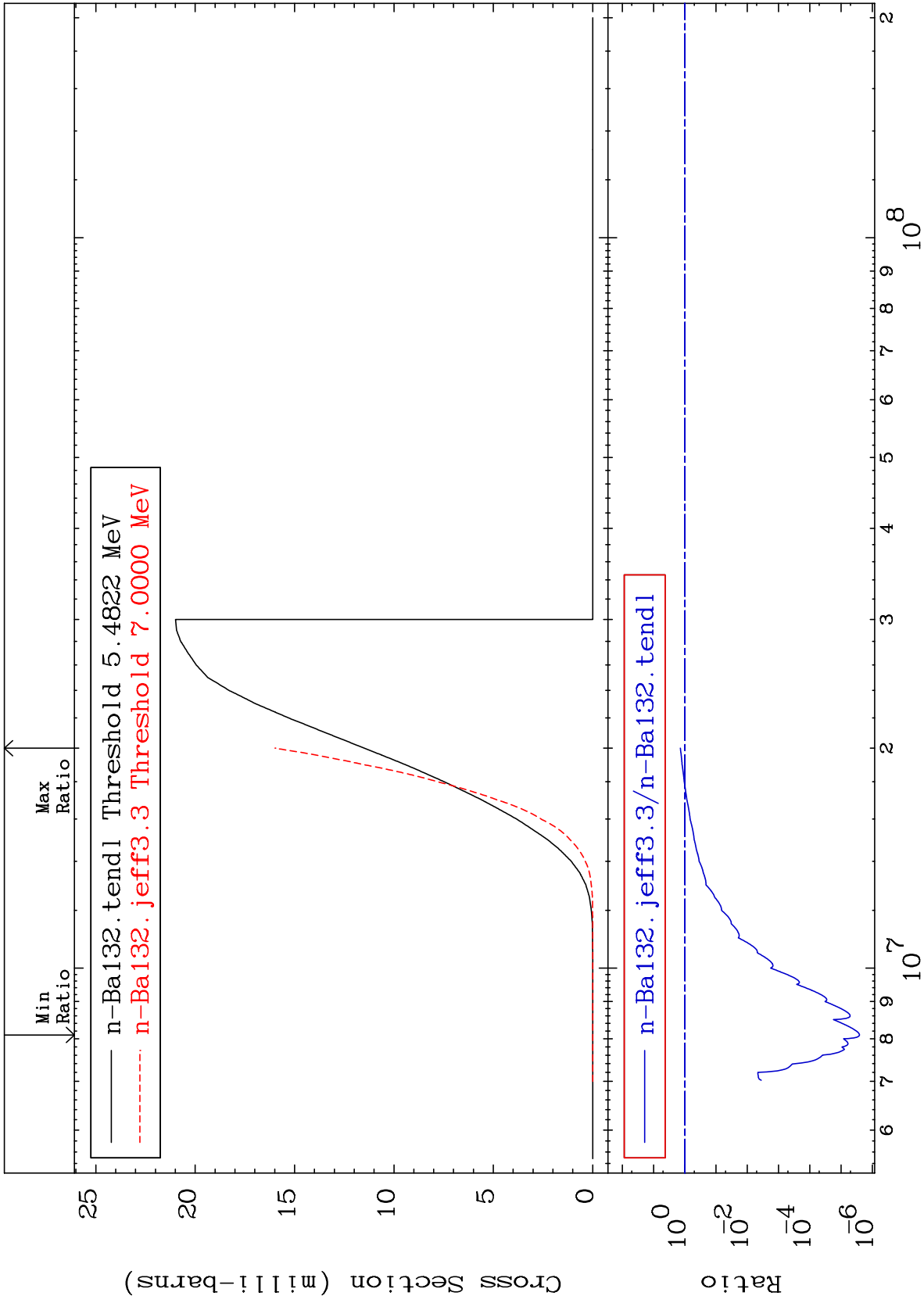
MAT 5631

(n, d)

56-Ba-132

Cross Section

-100.0 To 39.03 %



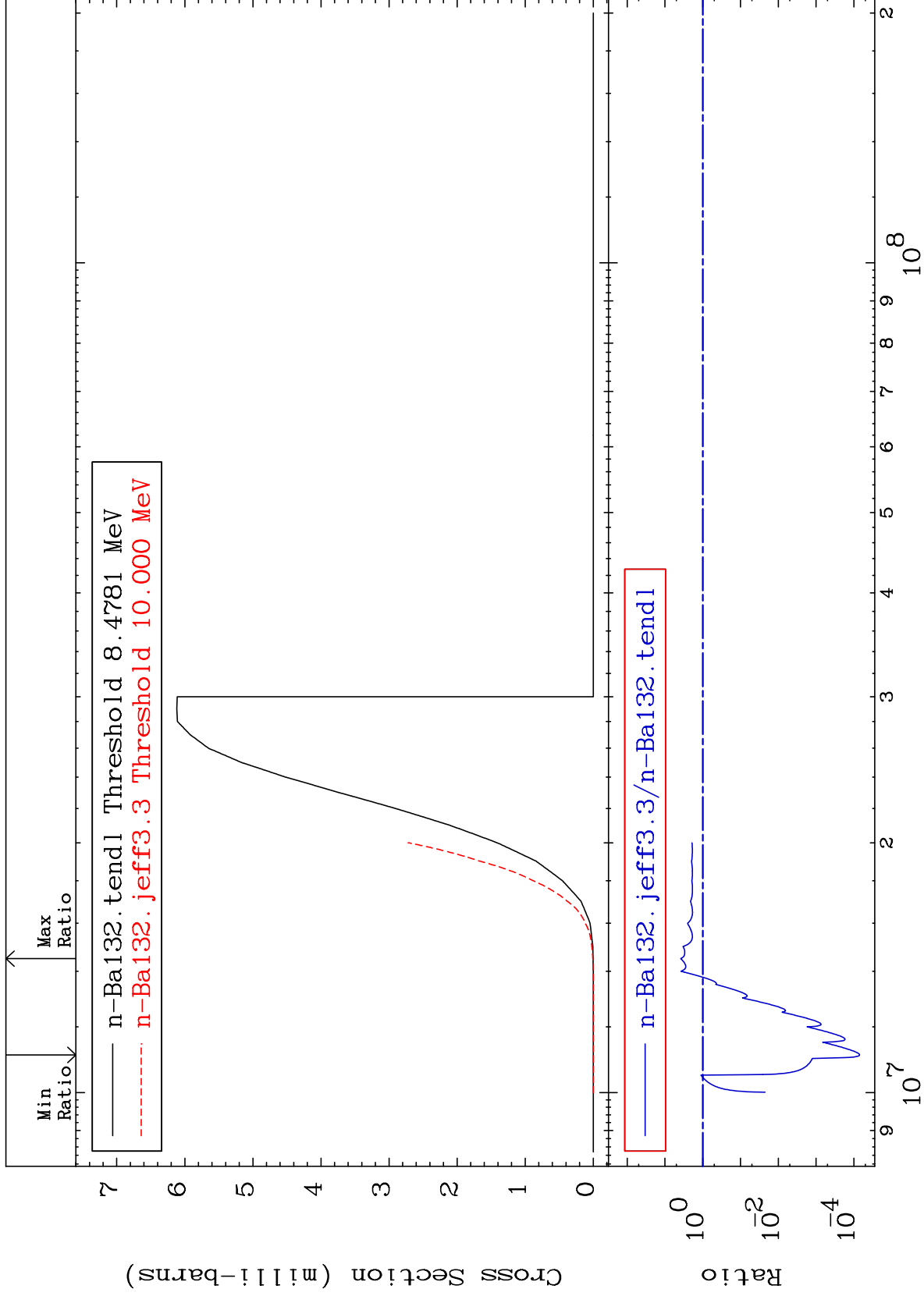
MAT 5631

(n, t)

56-Ba-132

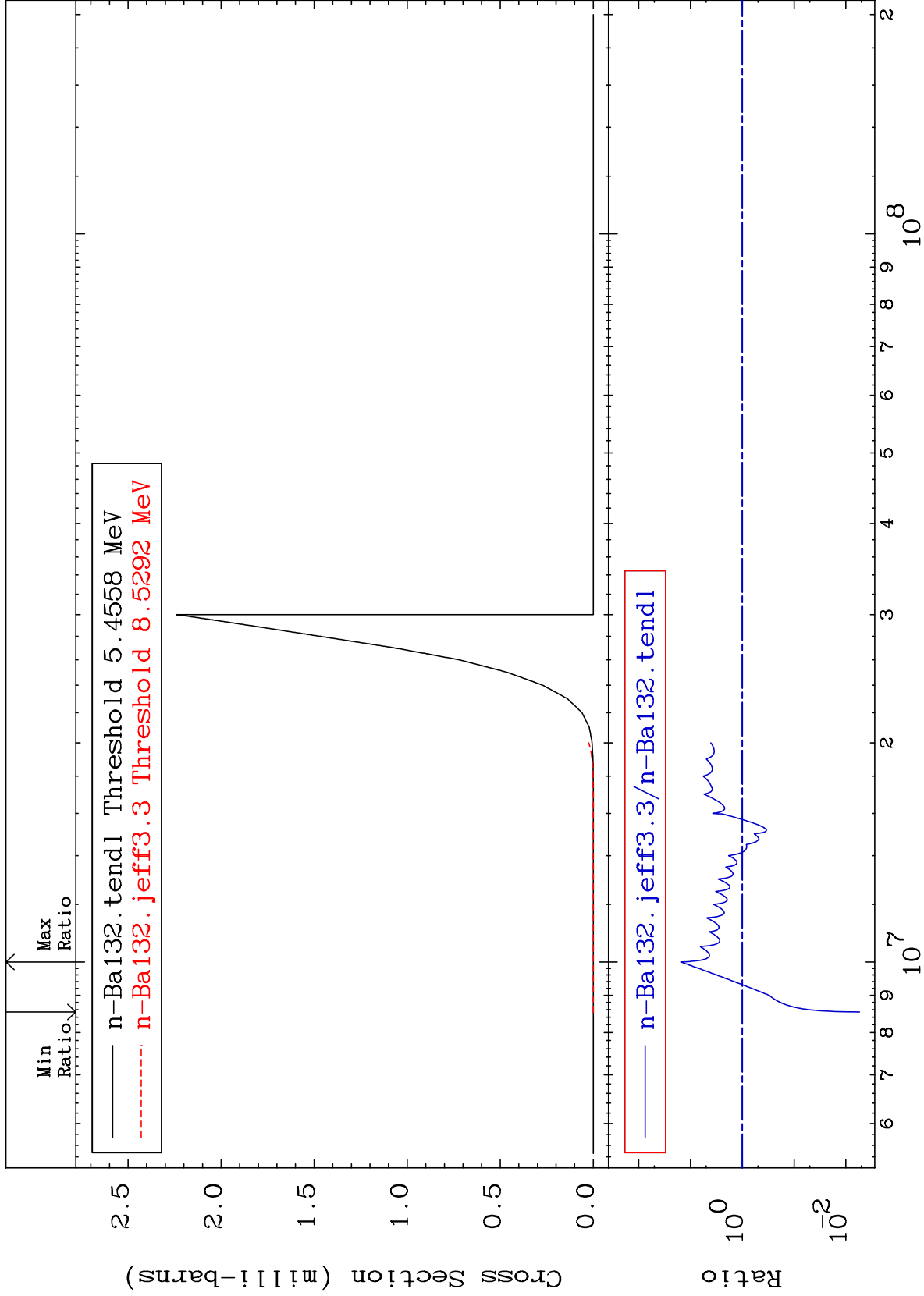
Cross Section

-99.99 To 282.5 %



Cross Section

-99.46 To 1445. %



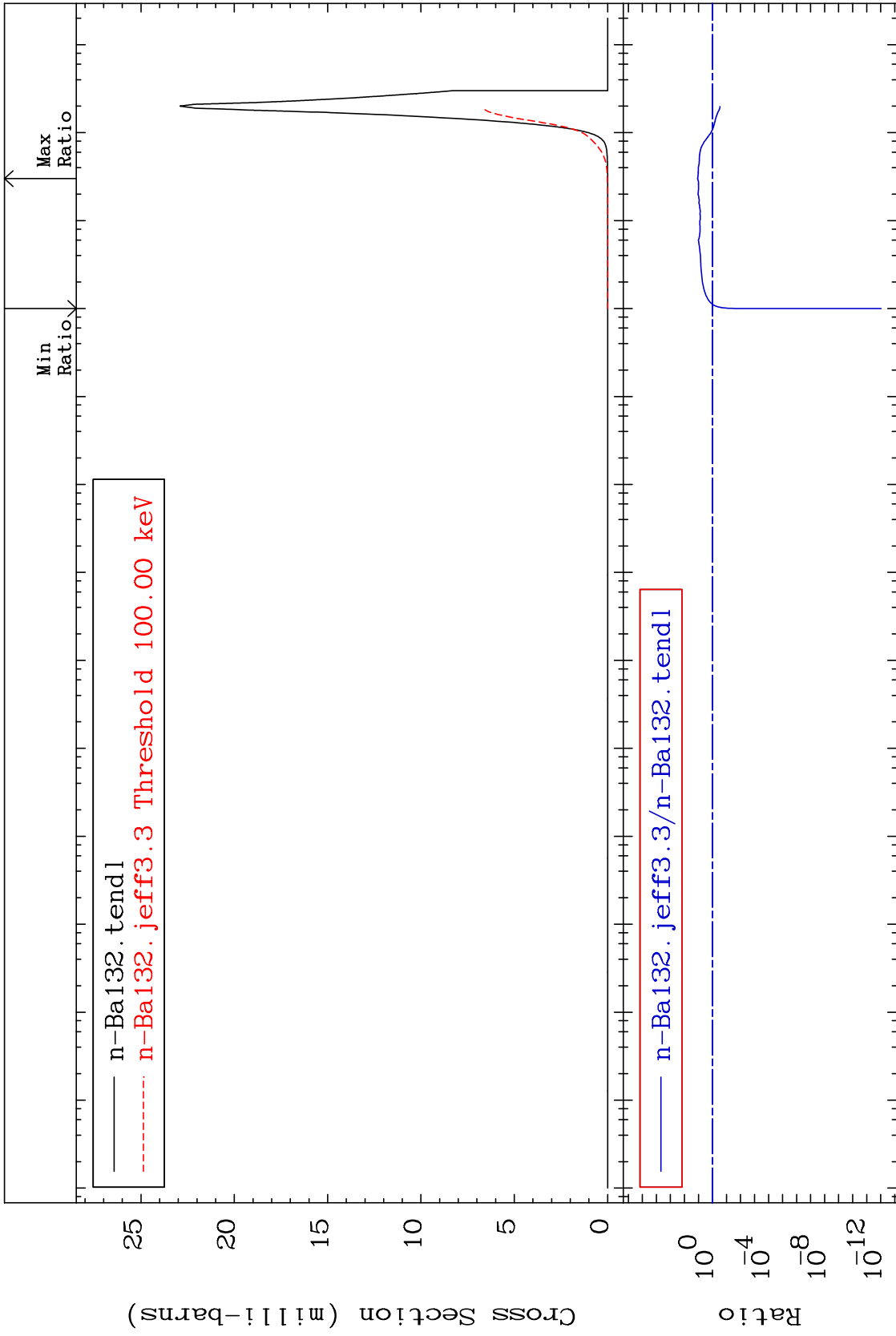
MAT 5631

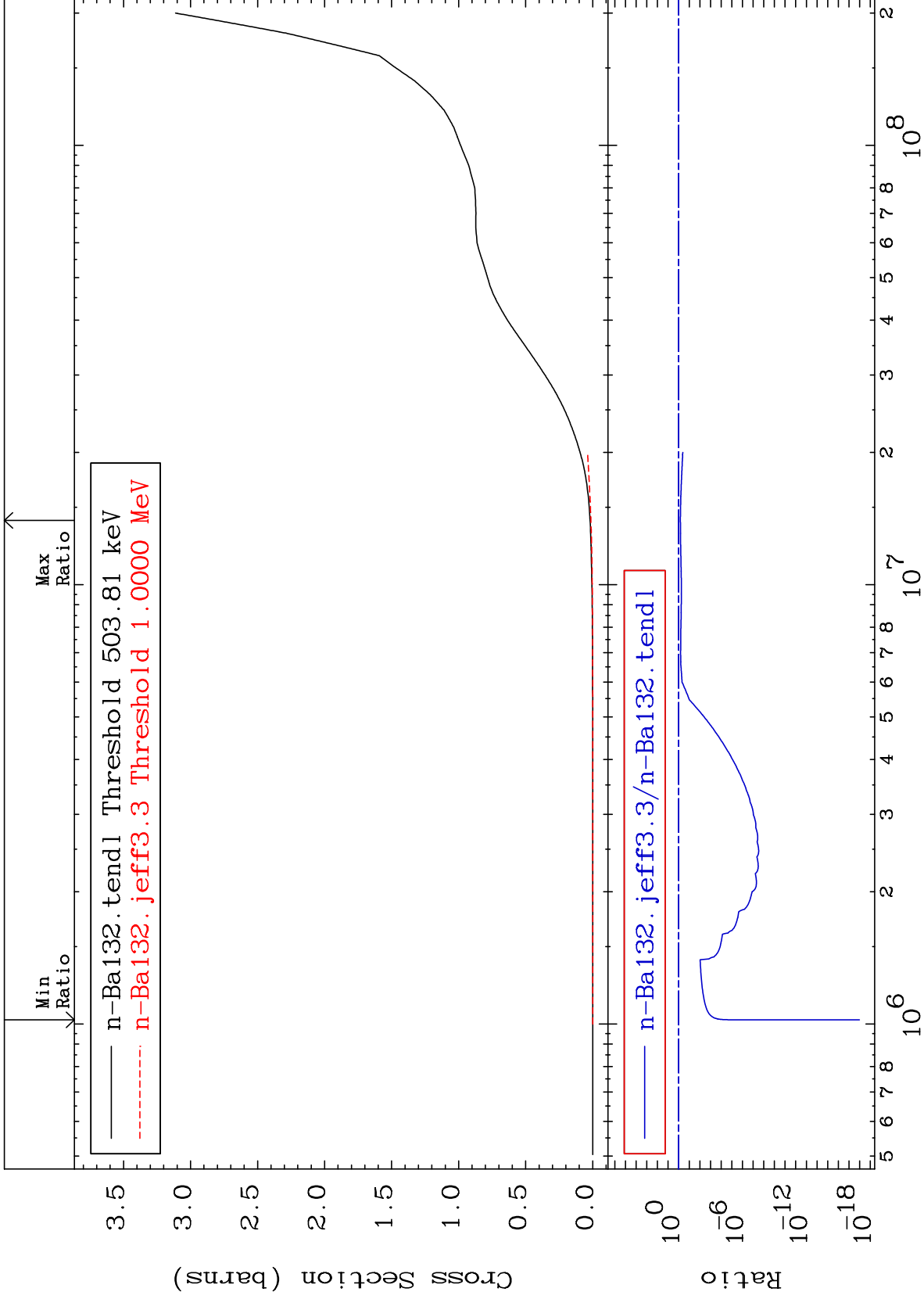
(n, α)

56-Ba-132

Cross Section

-100.0 To 1067. %

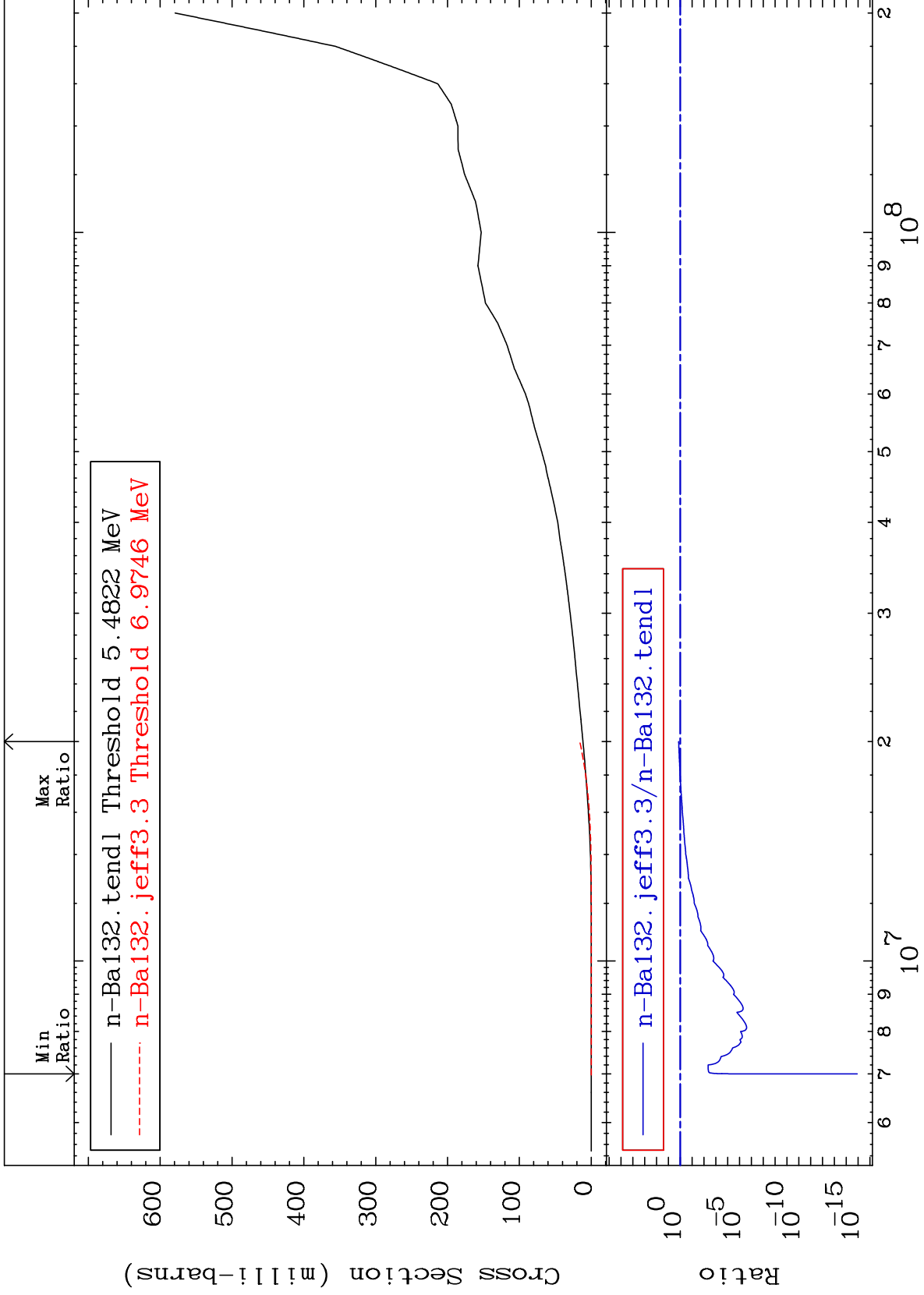




MAT 5631

Deuterium Production
Cross Section

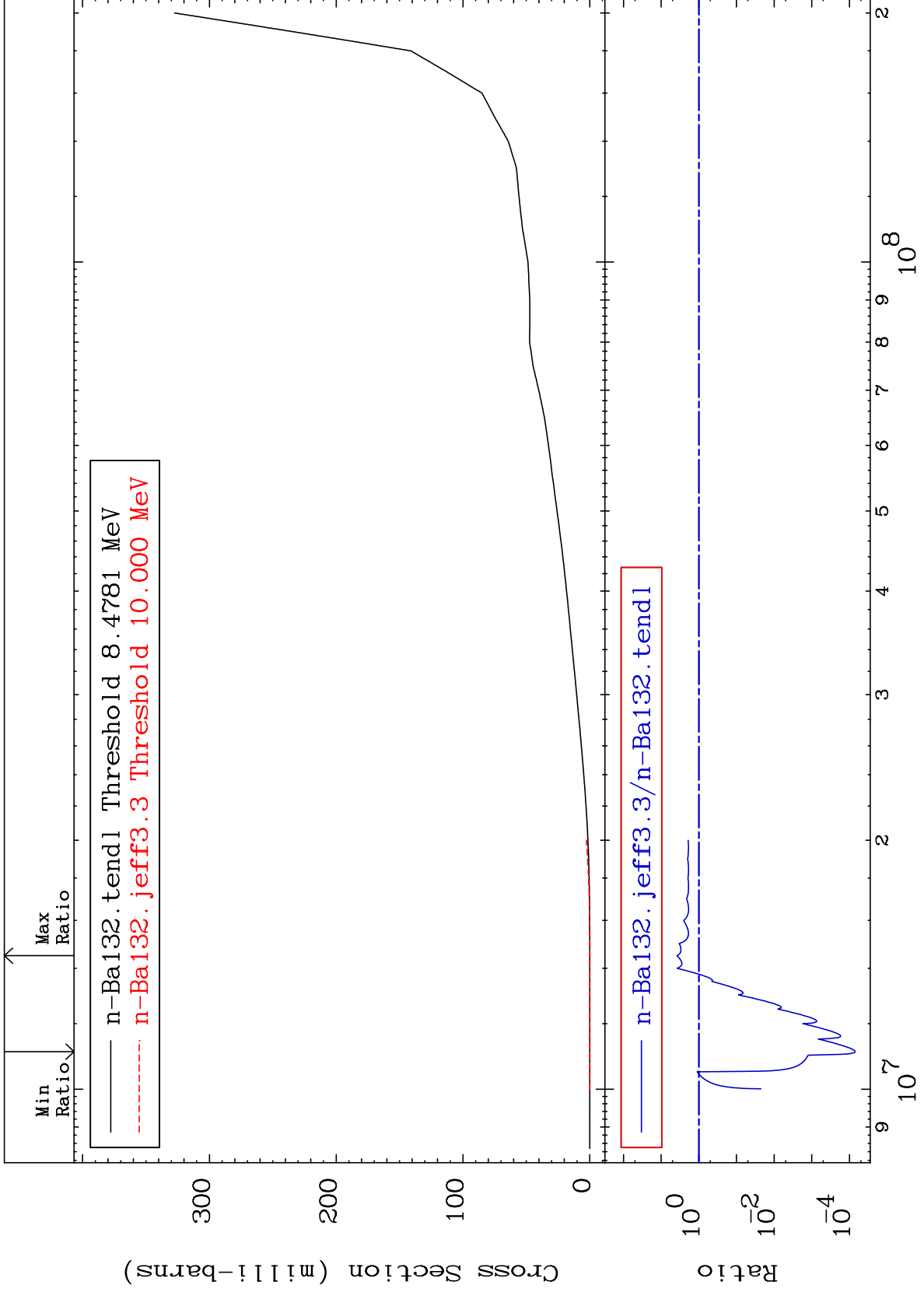
56-Ba-132
-100.0 To 39.00 %



MAT 5631

Tritium Production
Cross Section

56-Ba-132
-99.99 To 282.5 %



27

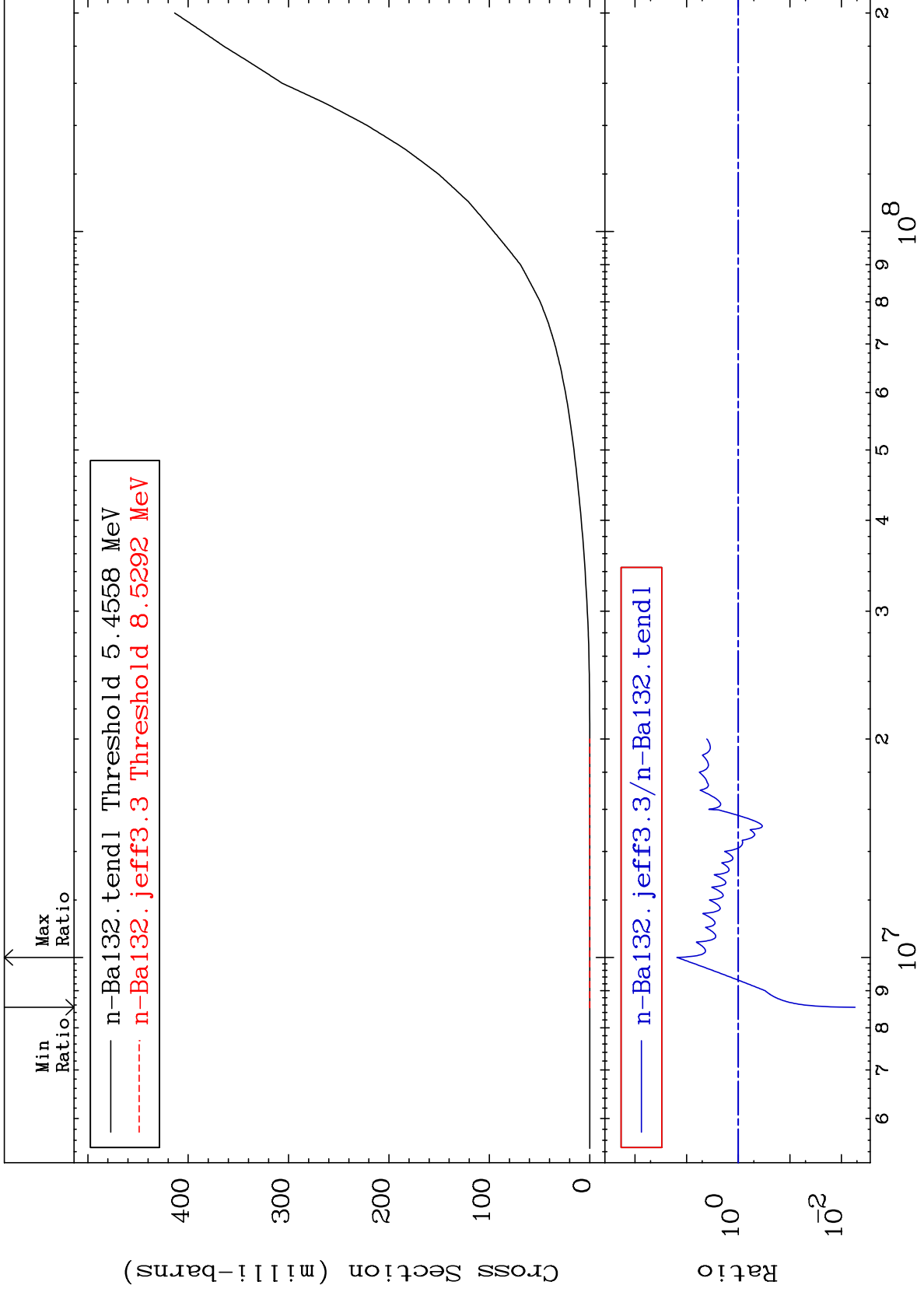
Incident Energy (eV)

56-Ba-132

MAT 5631

He-3 Production
Cross Section

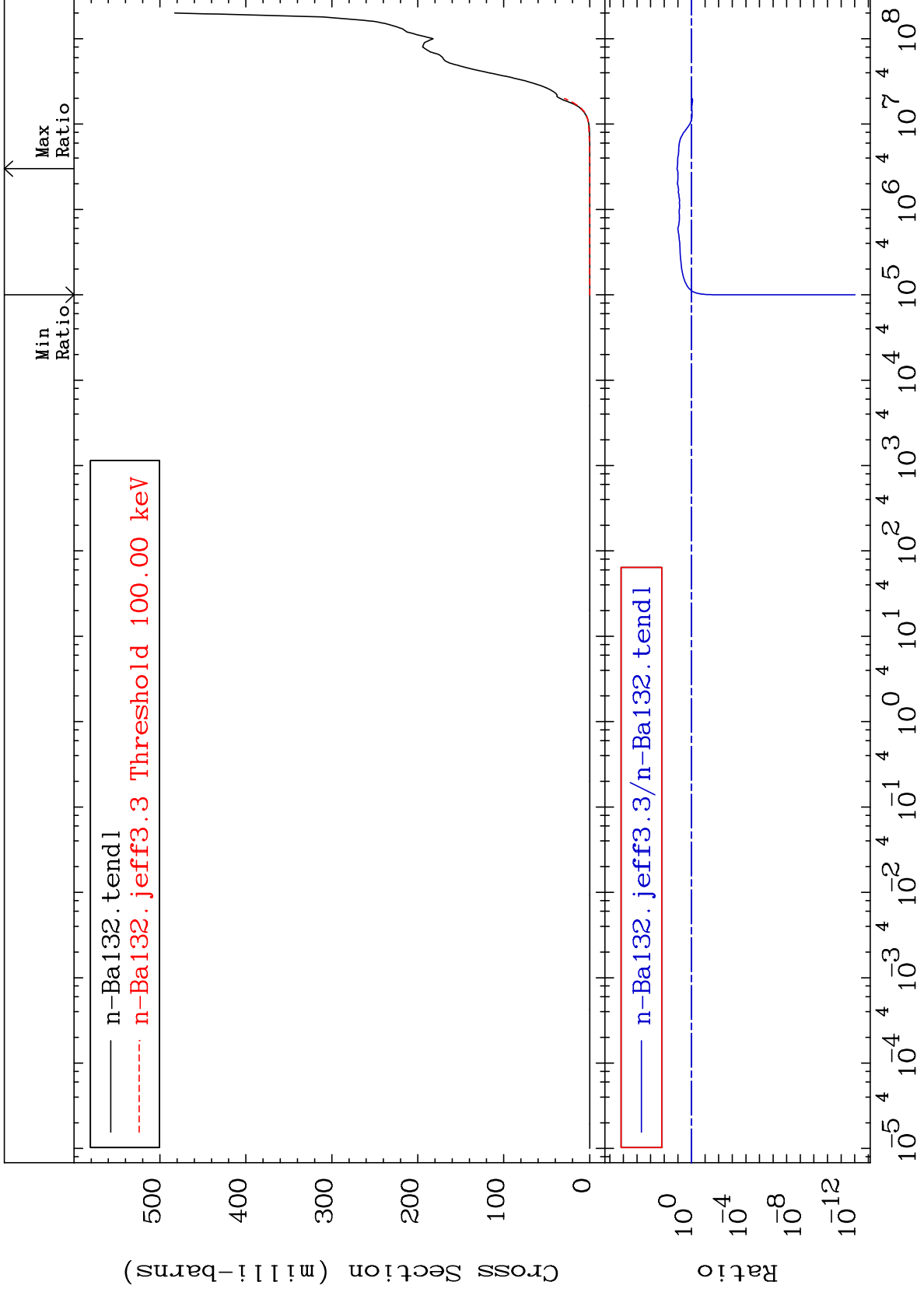
56-Ba-132
-99.46 To 1445. %



MAT 5631

He-4 Production
Cross Section

56-Ba-132
-100.0 To 1067. %



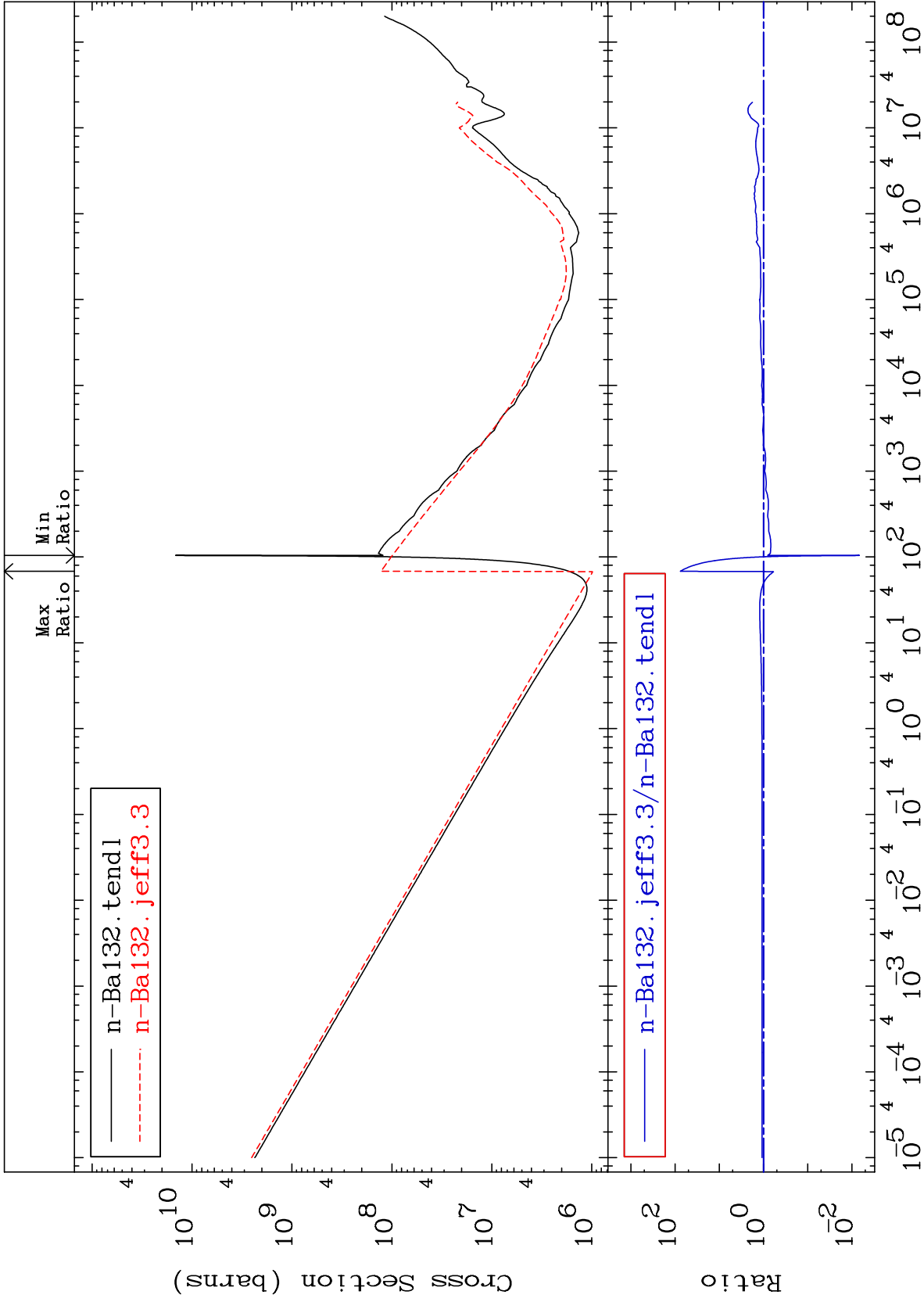
MAT 5631

Kerma total (eV-barns)

56-Ba-132

Cross Section

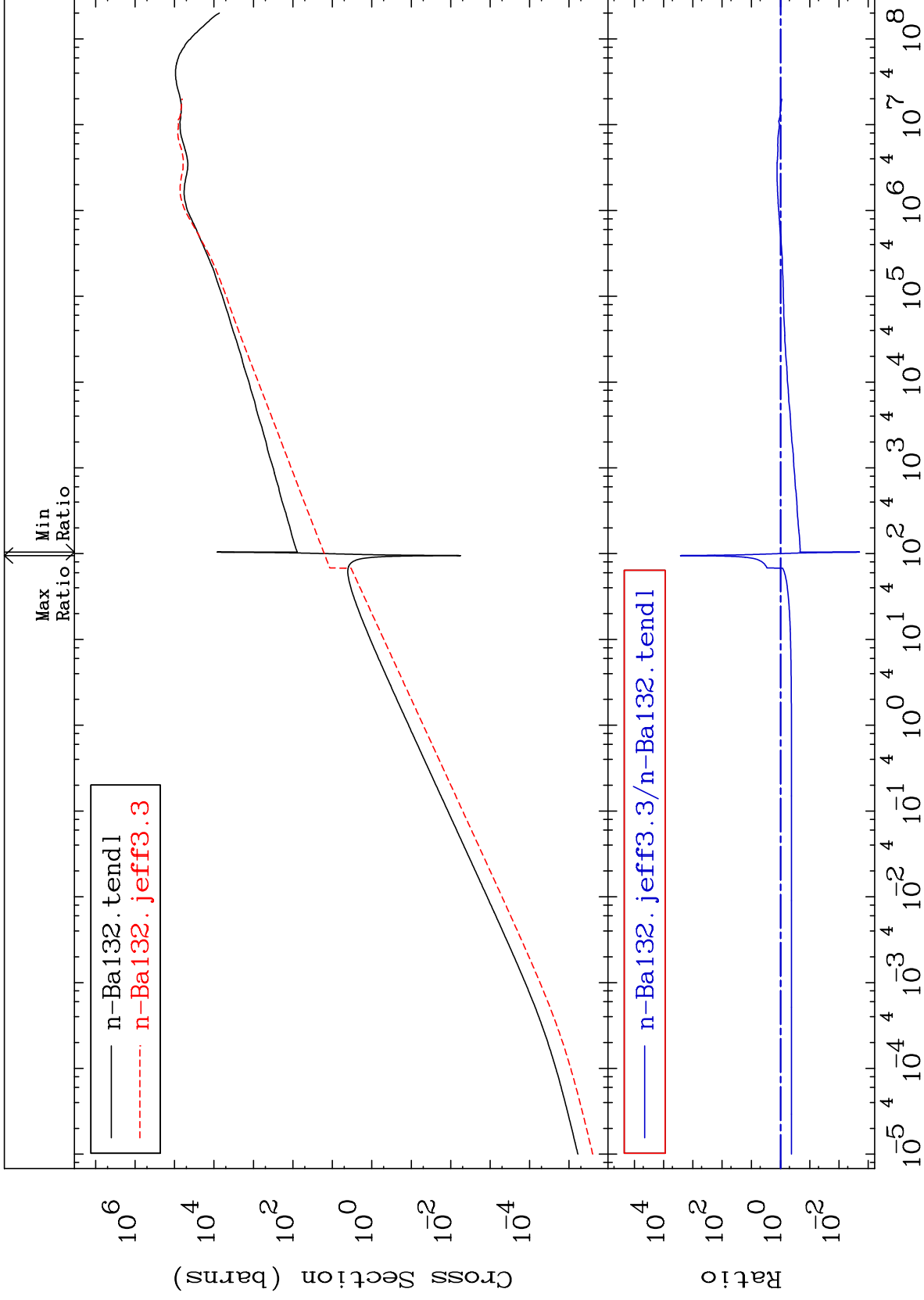
-99.32 To 7509. %



MAT 5631

Kerma elastic
Cross Section

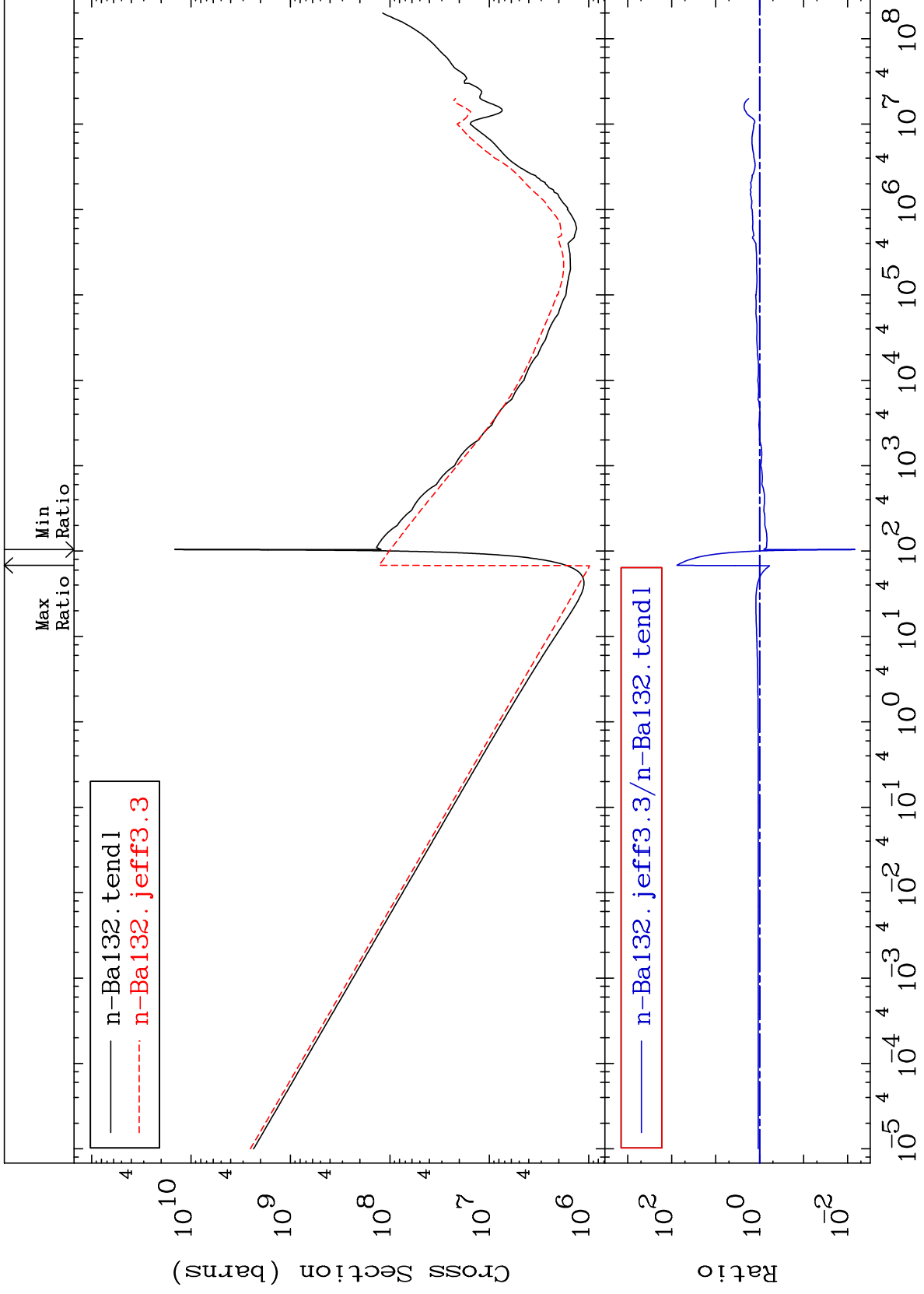
56-Ba-132
-99.80 To 9999. %



MAT 5631

Kerma non-elastic (all but mt2)
Cross Section

56-Ba-132
-99.32 To 7509. %



32

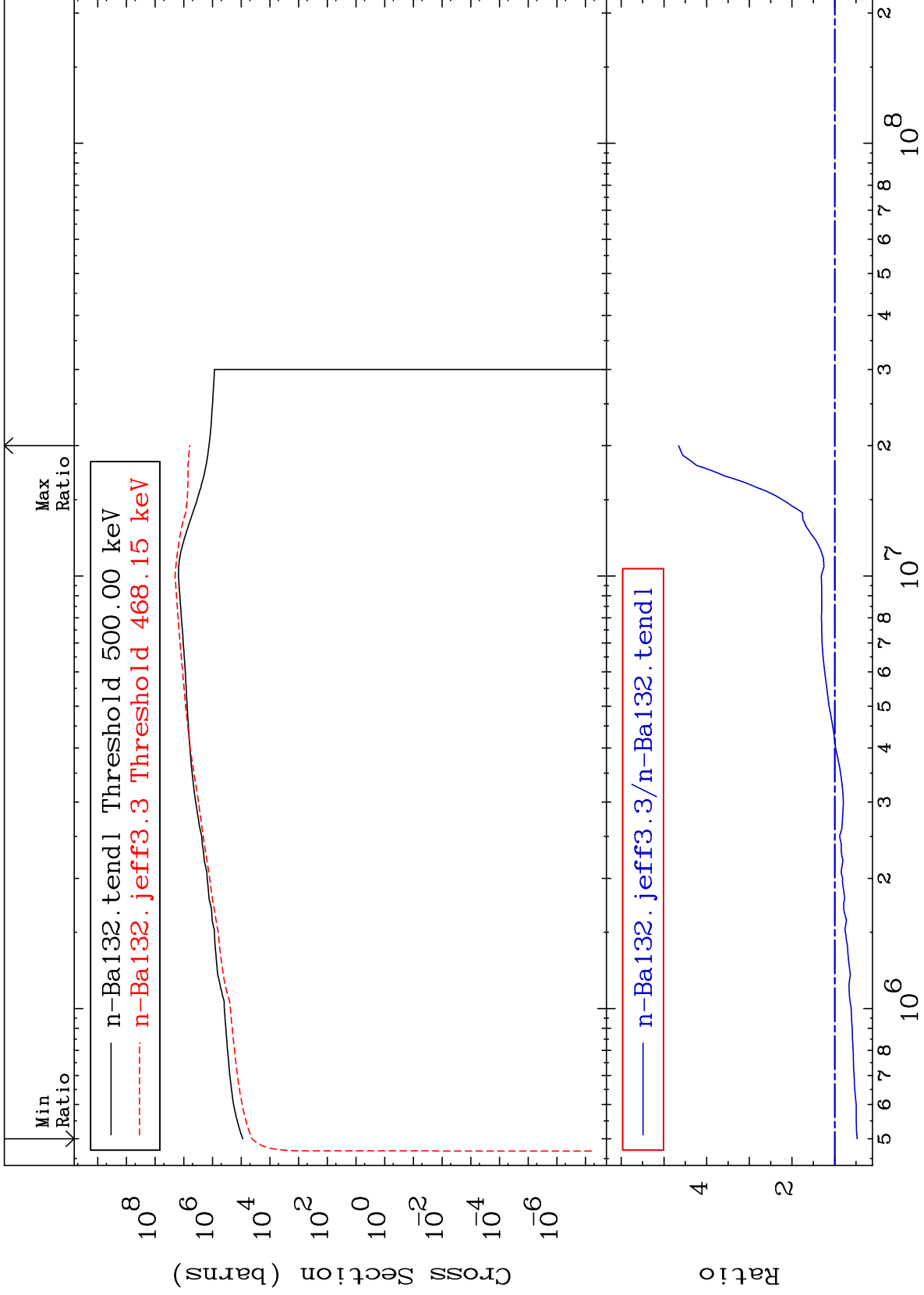
Incident Energy (eV)

56-Ba-132

MAT 5631

Kerma inelastic (mt51-91)
Cross Section

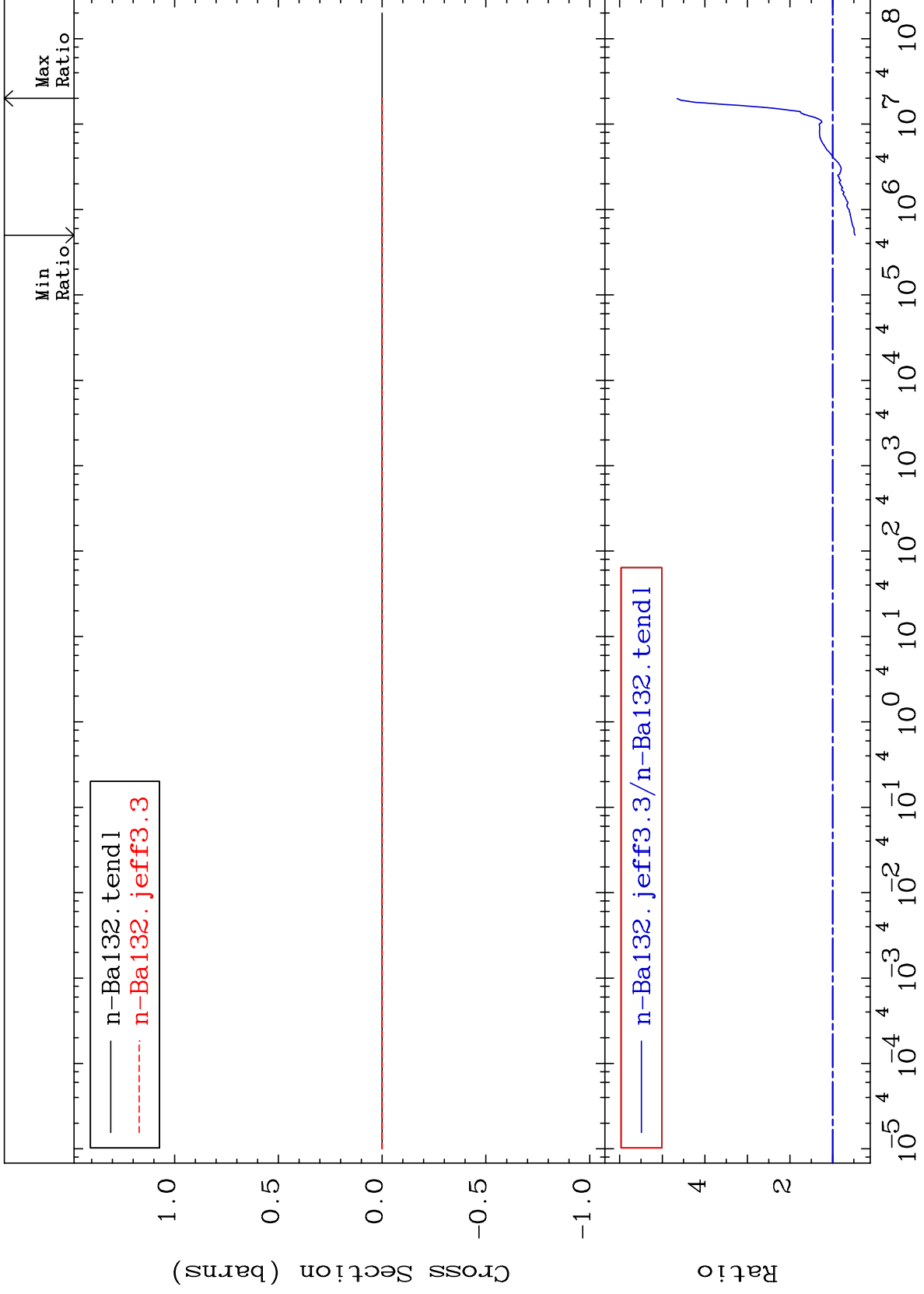
56-Ba-132
-52.73 To 365.6 %



MAT 5631

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

56-Ba-132
-52.73 To 365.6 %



34

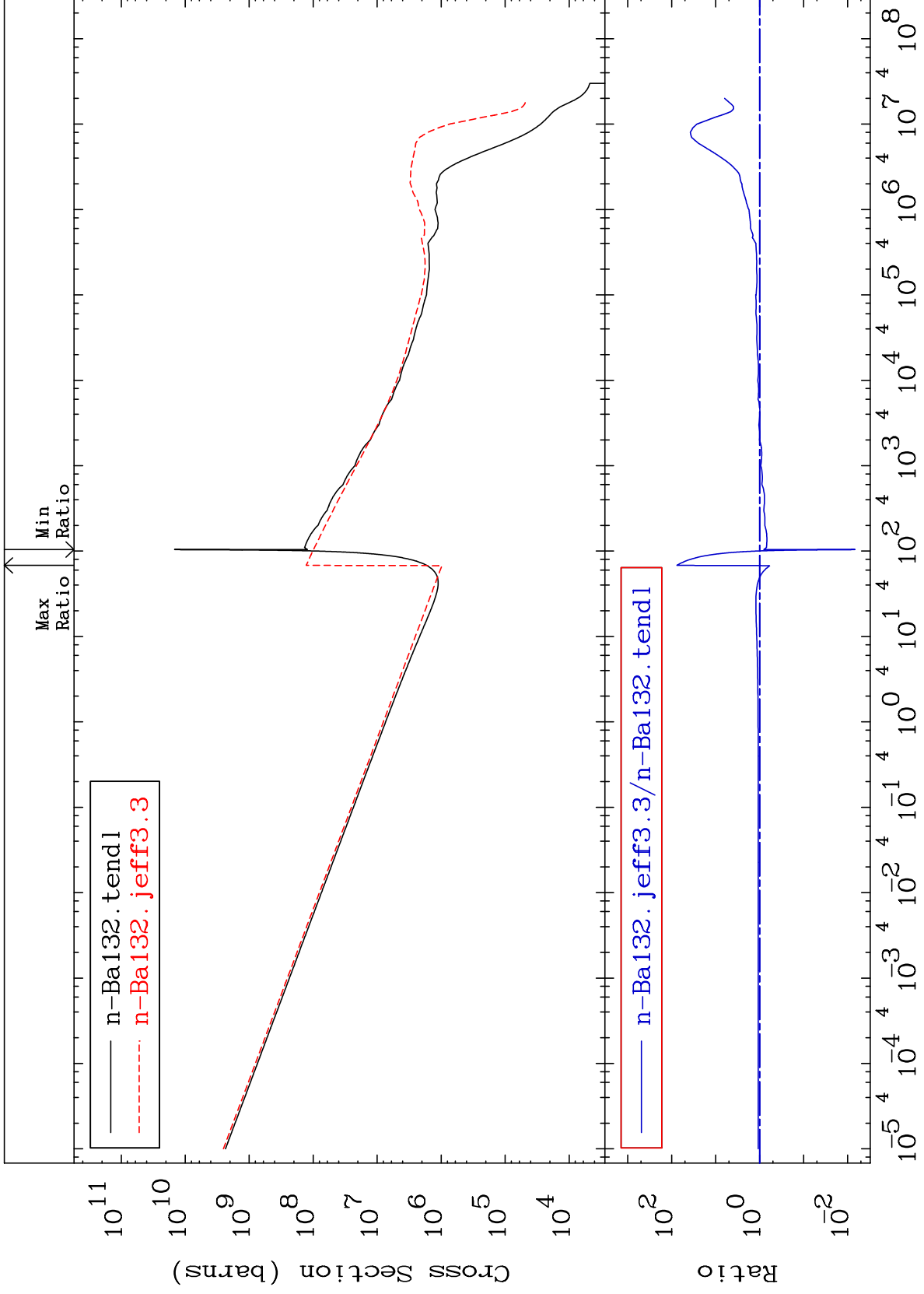
Incident Energy (eV)

56-Ba-132

MAT 5631

Kerma capture (mt102)
Cross Section

56-Ba-132
-99.32 To 7509. %



35

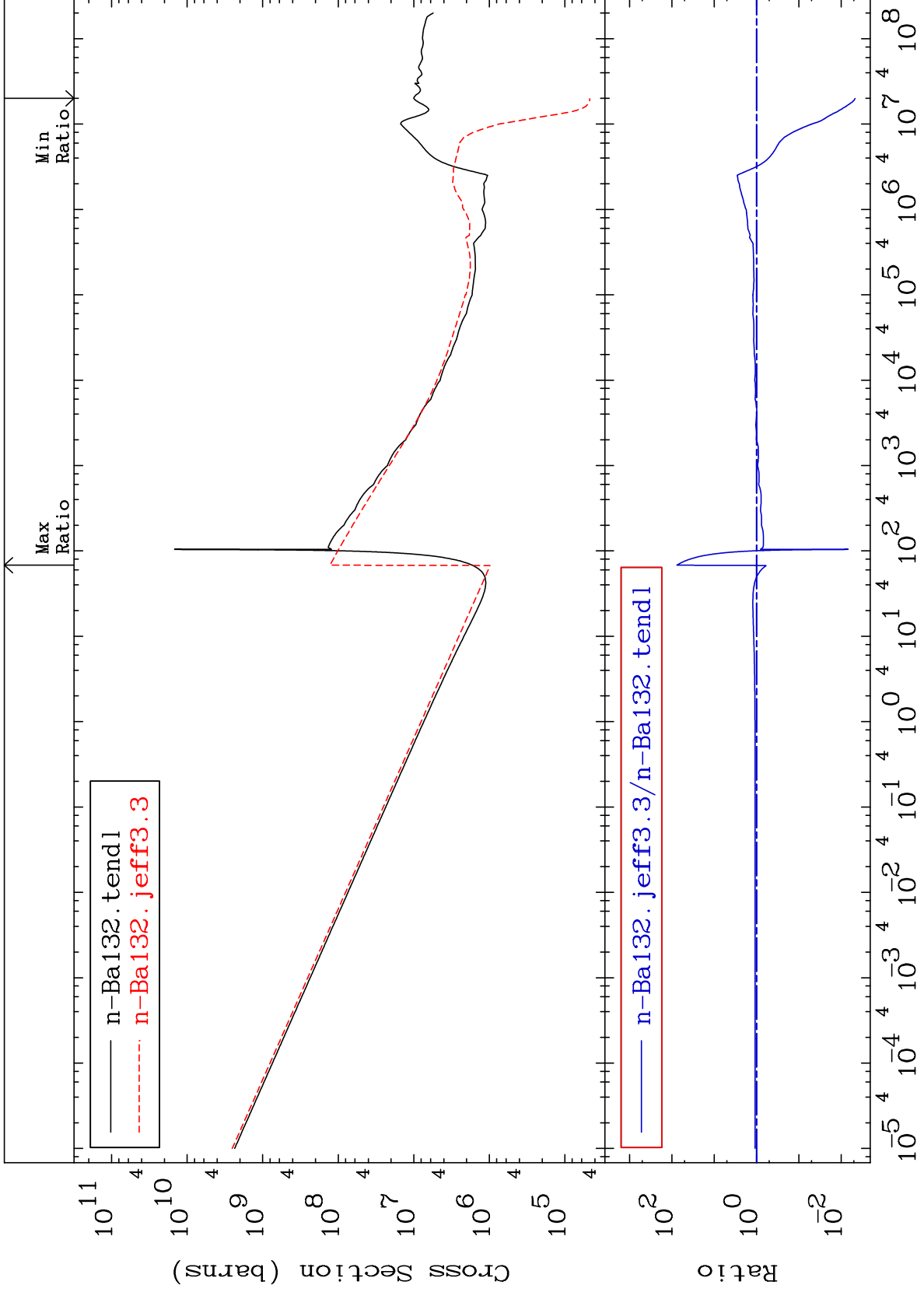
Incident Energy (eV)

56-Ba-132

MAT 5631

Total photon (eV-barns)
Cross Section

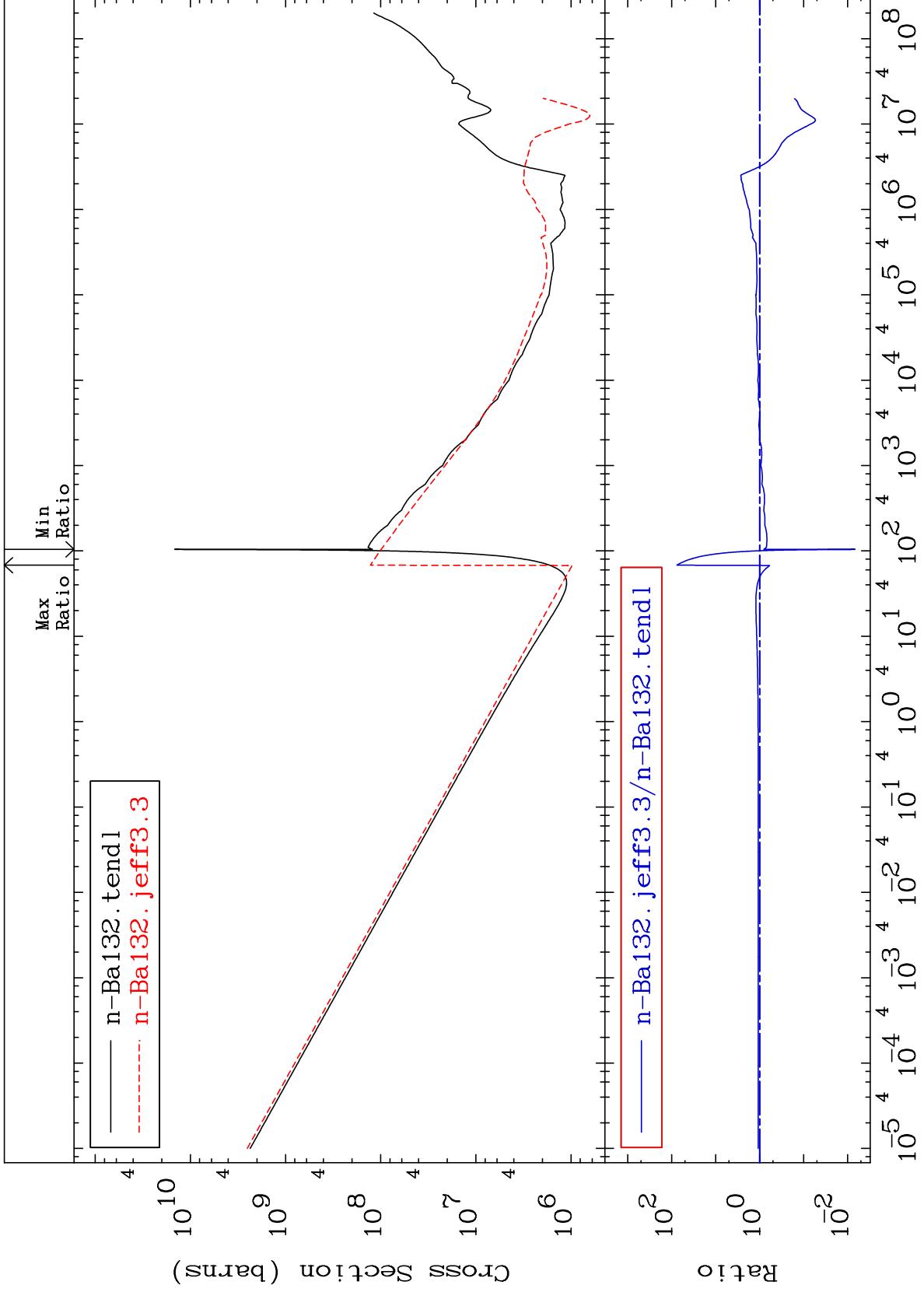
56-Ba-132
-99.53 To 7509. %



MAT 5631

Total kinematic kerma (high limit)
Cross Section

56-Ba-132
-99.32 To 7509. %



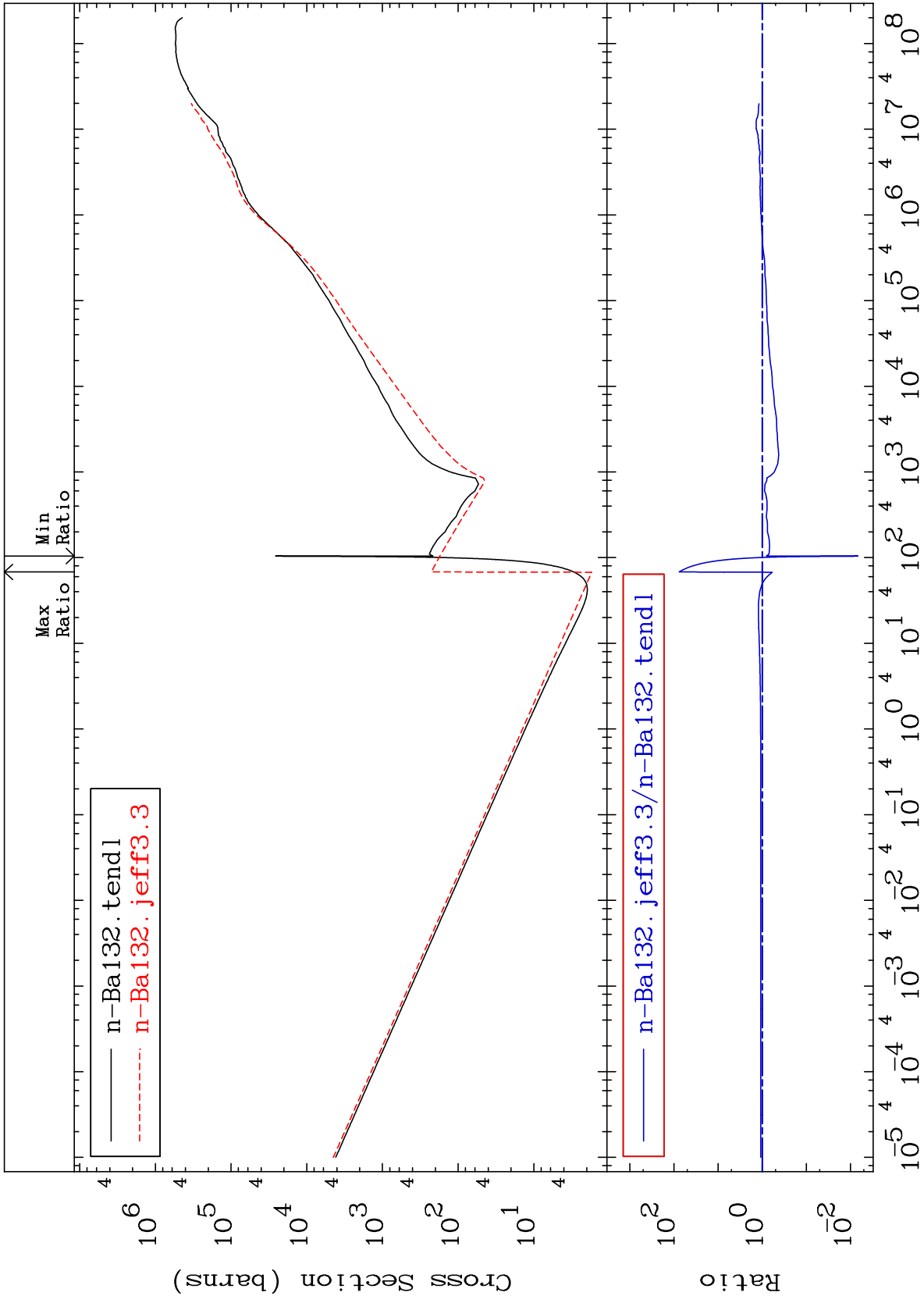
MAT 5631

Dpa total (eV-barns)

56-Ba-132

-99.32 To 7508. %

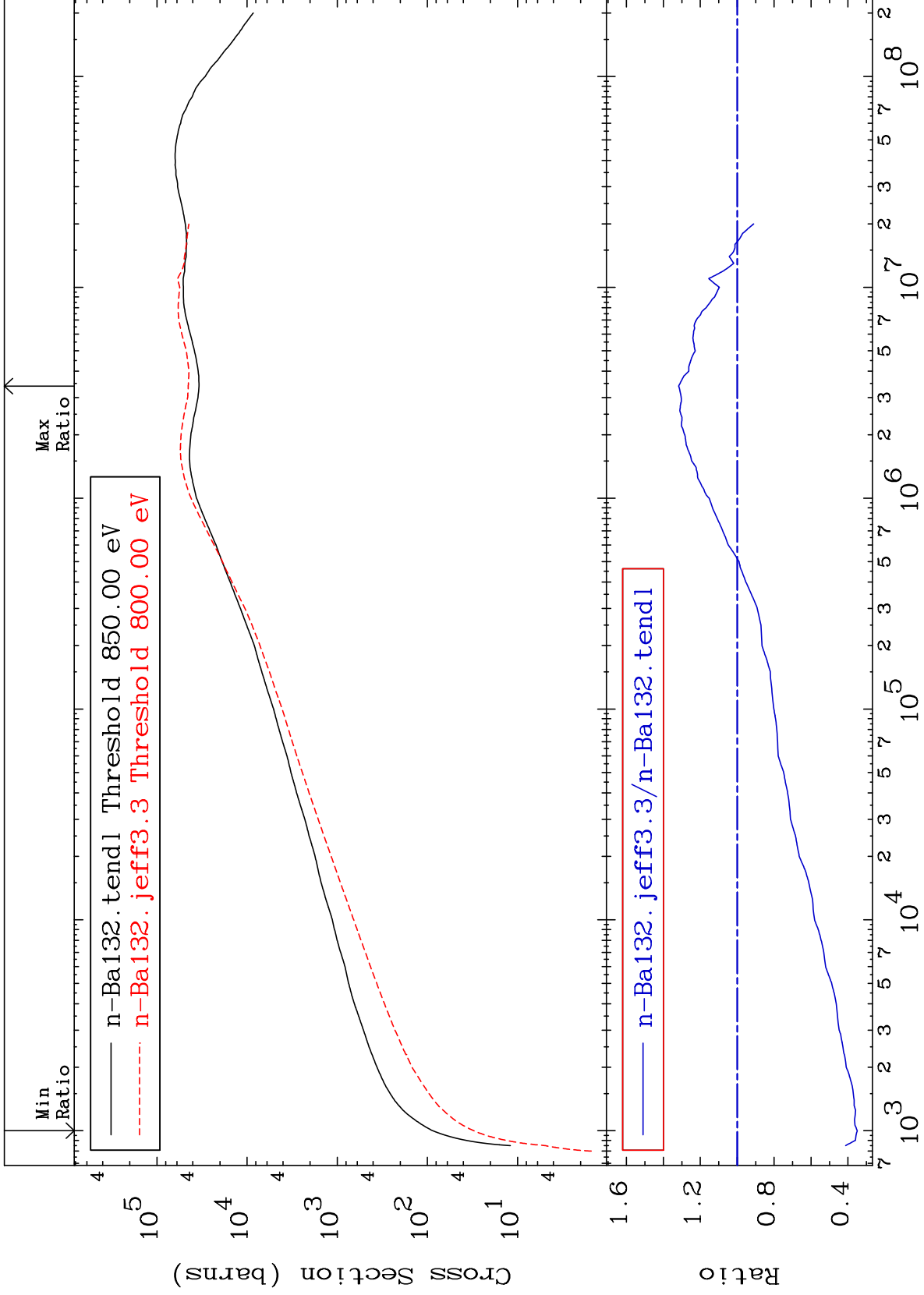
Cross Section



MAT 5631

Dpa elastic (mt2)
Cross Section

56-Ba-132
-65.04 To 31.74 %



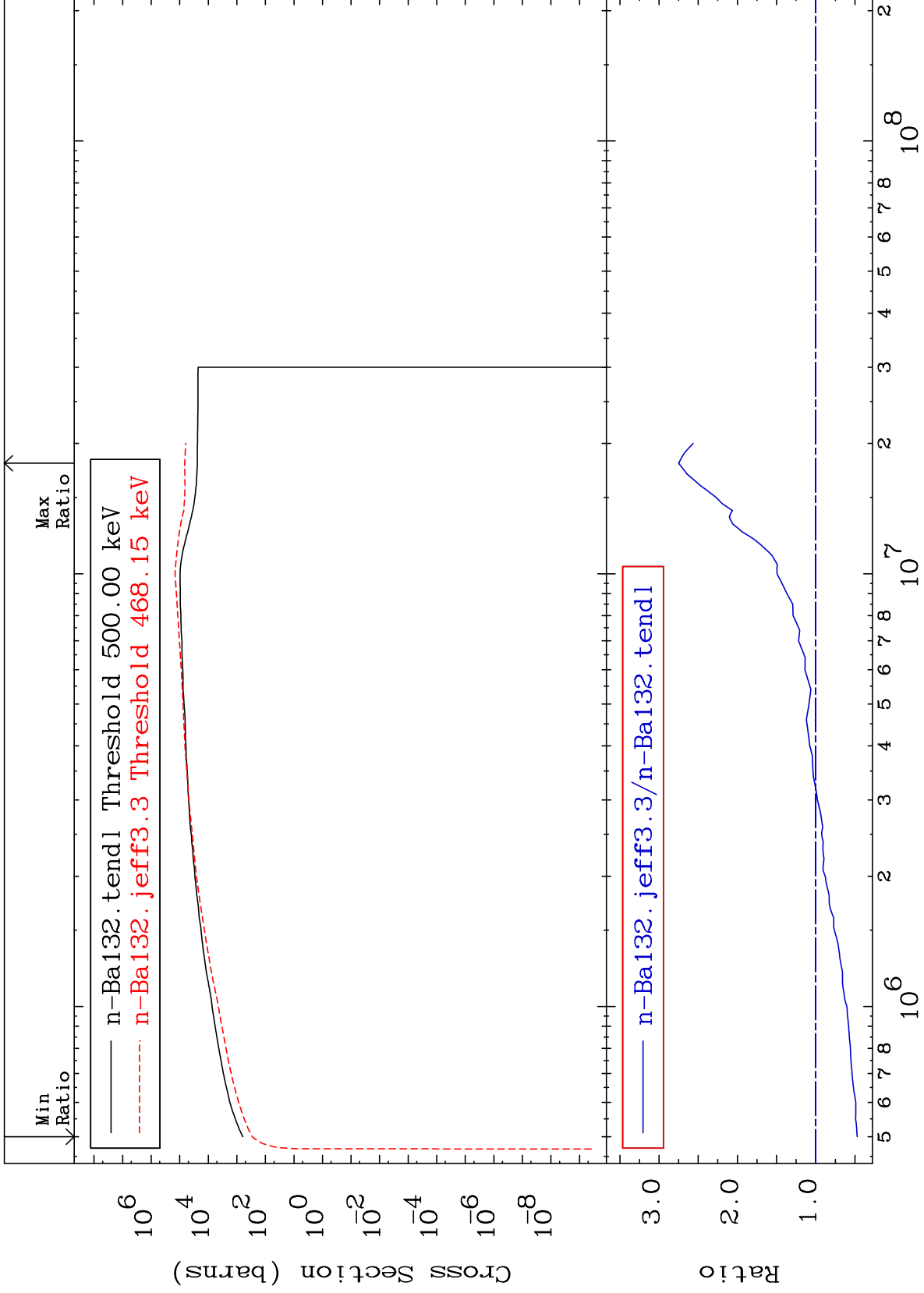
39

56-Ba-132

MAT 5631

Dpa inelastic (mt51-91)
Cross Section

56-Ba-132
-53.01 To 175.0 %



40

56-Ba-132

