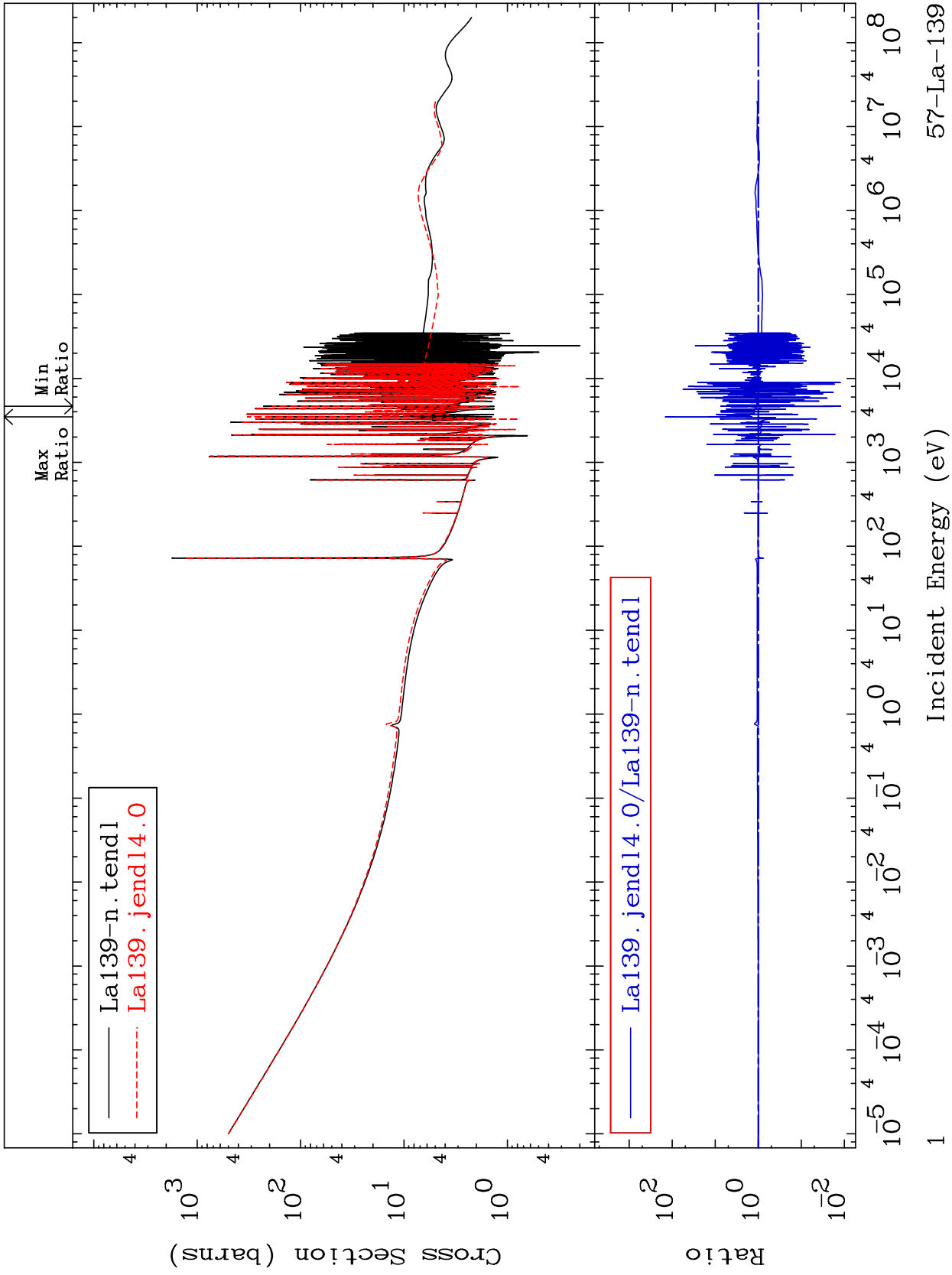


MAT 5728

Total
Cross Section

57-La-139
-98.78 To 9999. %

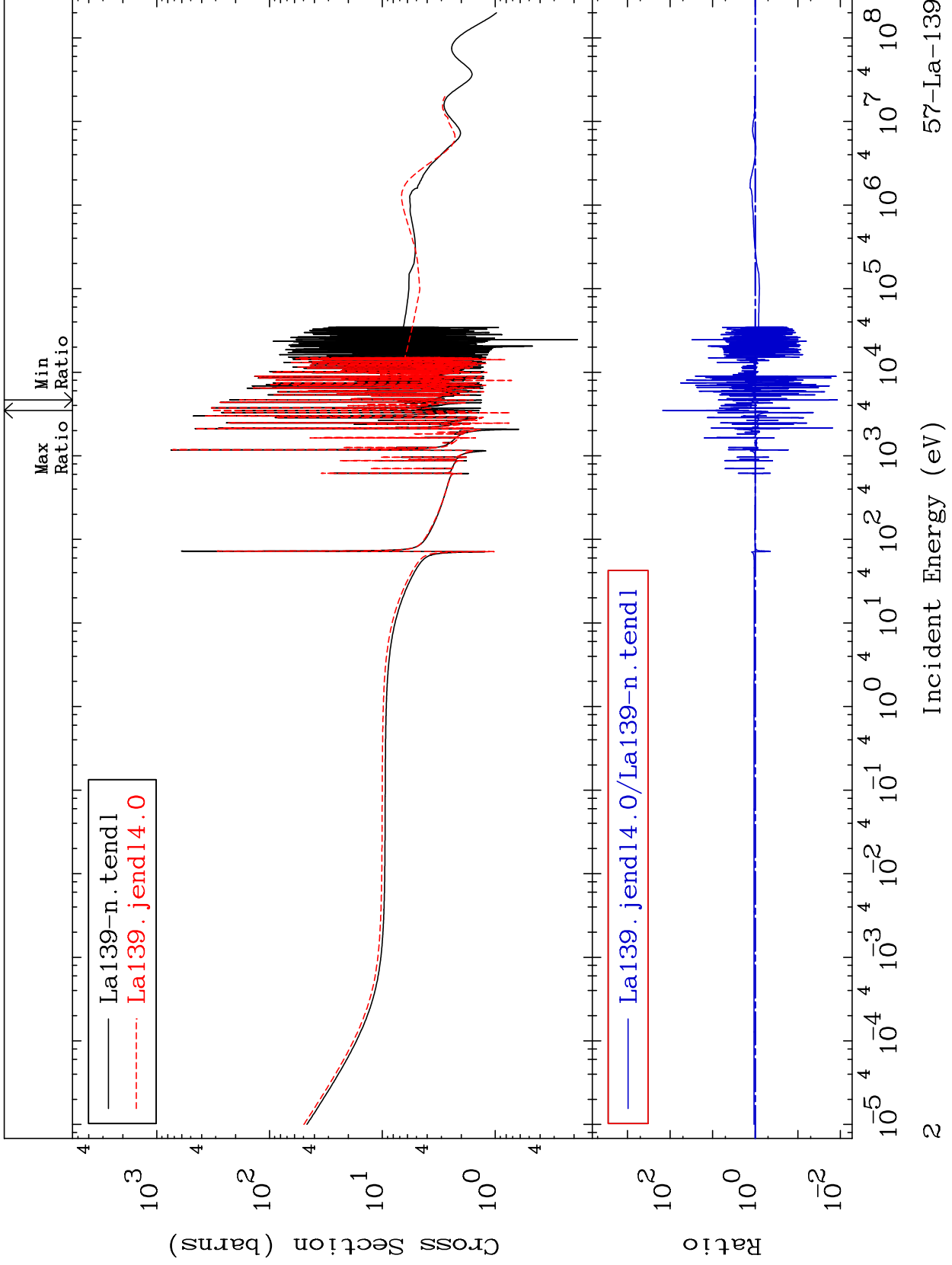


57-La-139

MAT 5728

Elastic
Cross Section

57-La-139
-98.82 To 9999. %



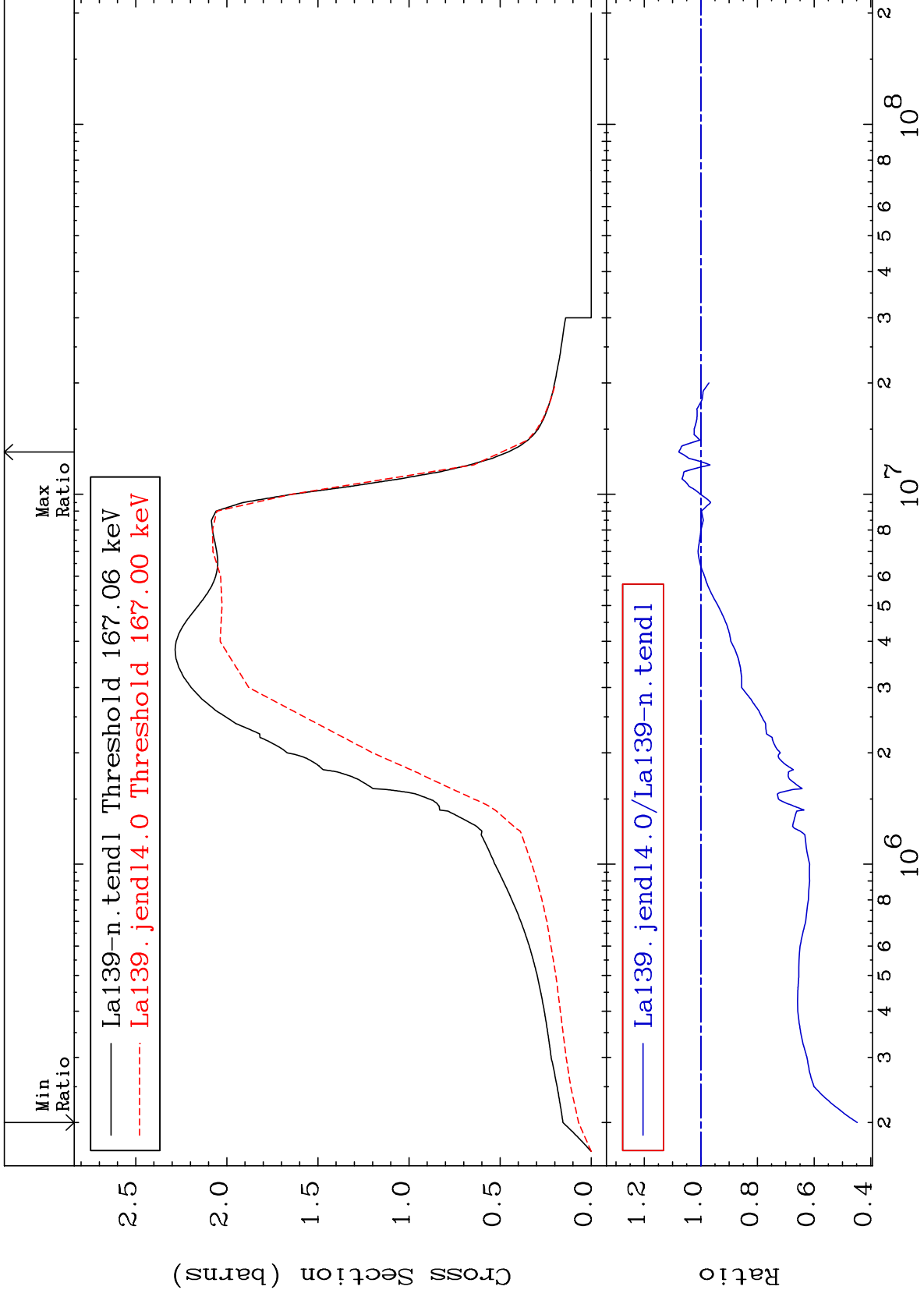
57-La-139

Incident Energy (eV)

MAT 5728

Inelastic
Cross Section

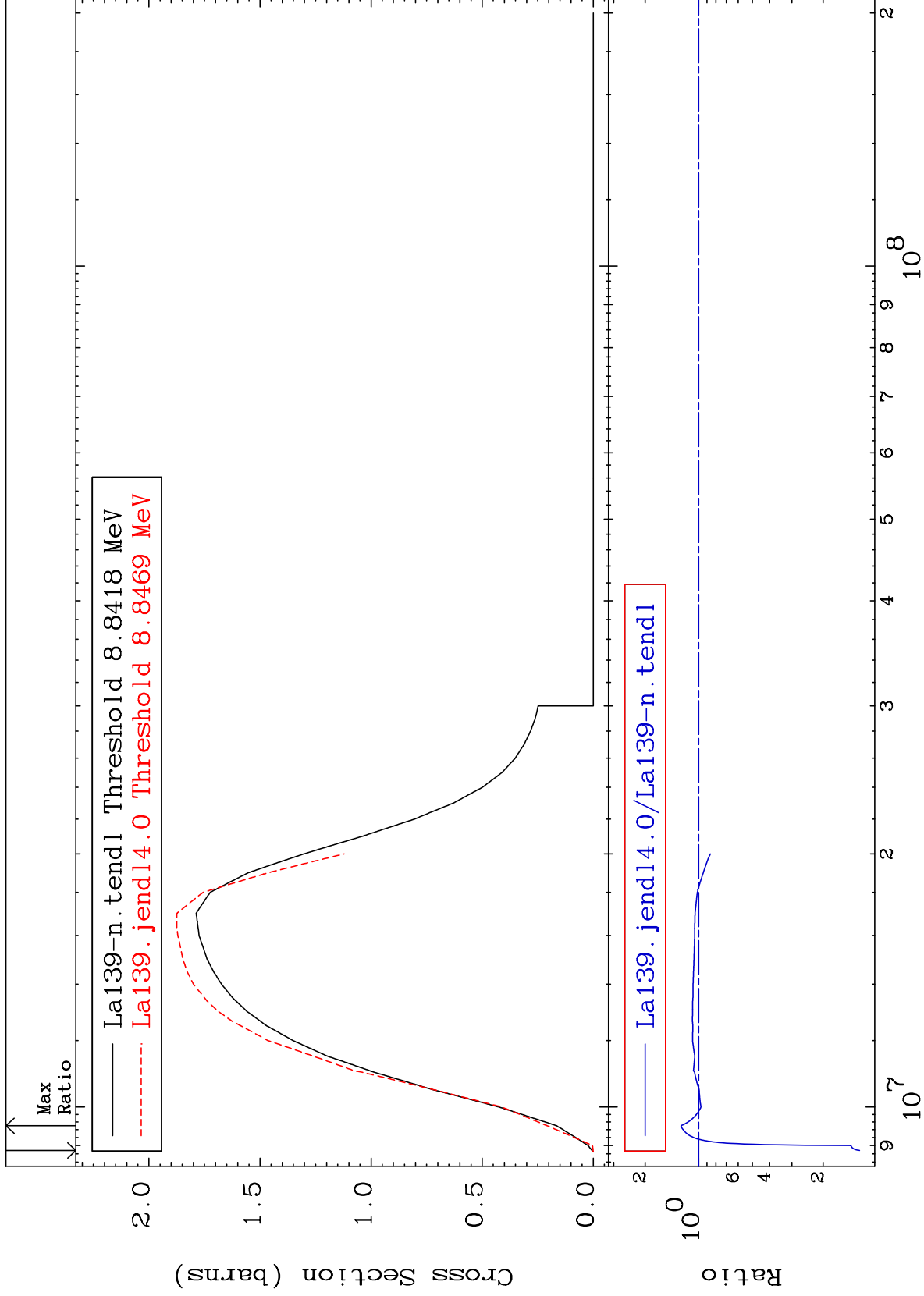
57-La-139
-55.24 To 7.855 %



MAT 5728

(n,2n)
Cross Section

57-La-139
-87.50 To 26.11 %



4

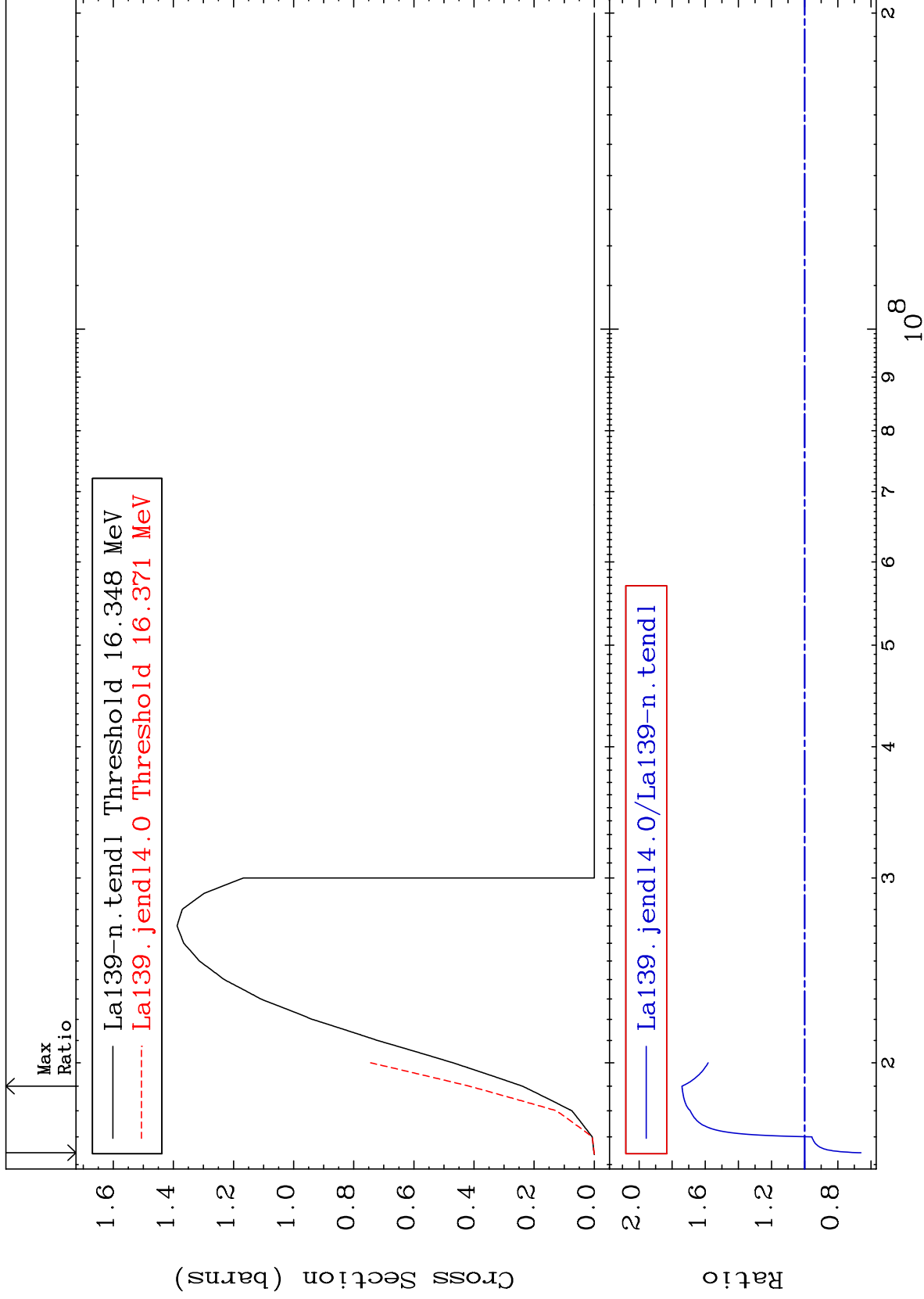
57-La-139

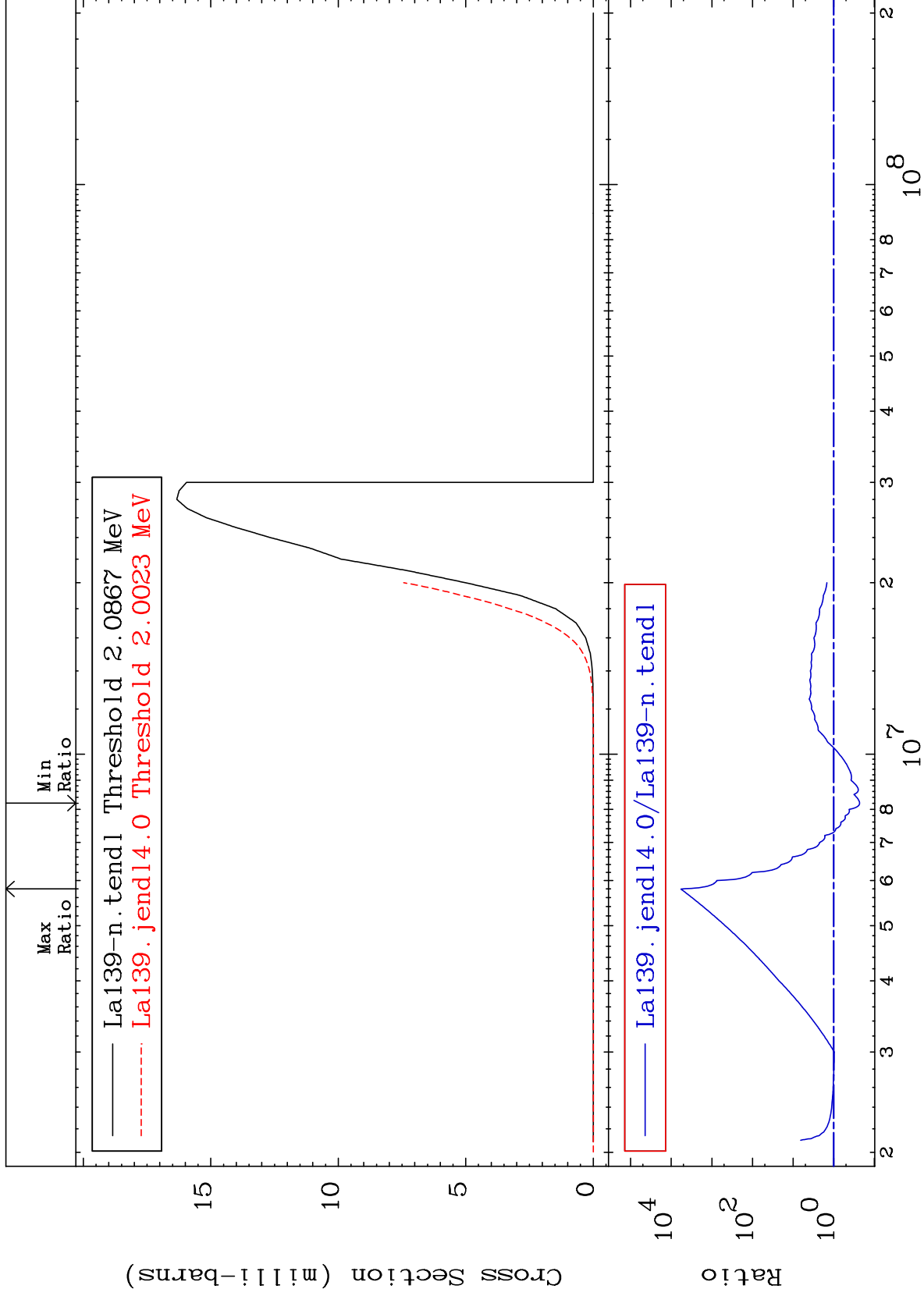
57-La-139

MAT 5728

(n,3n)
Cross Section

57-La-139
-34.00 To 74.11 %

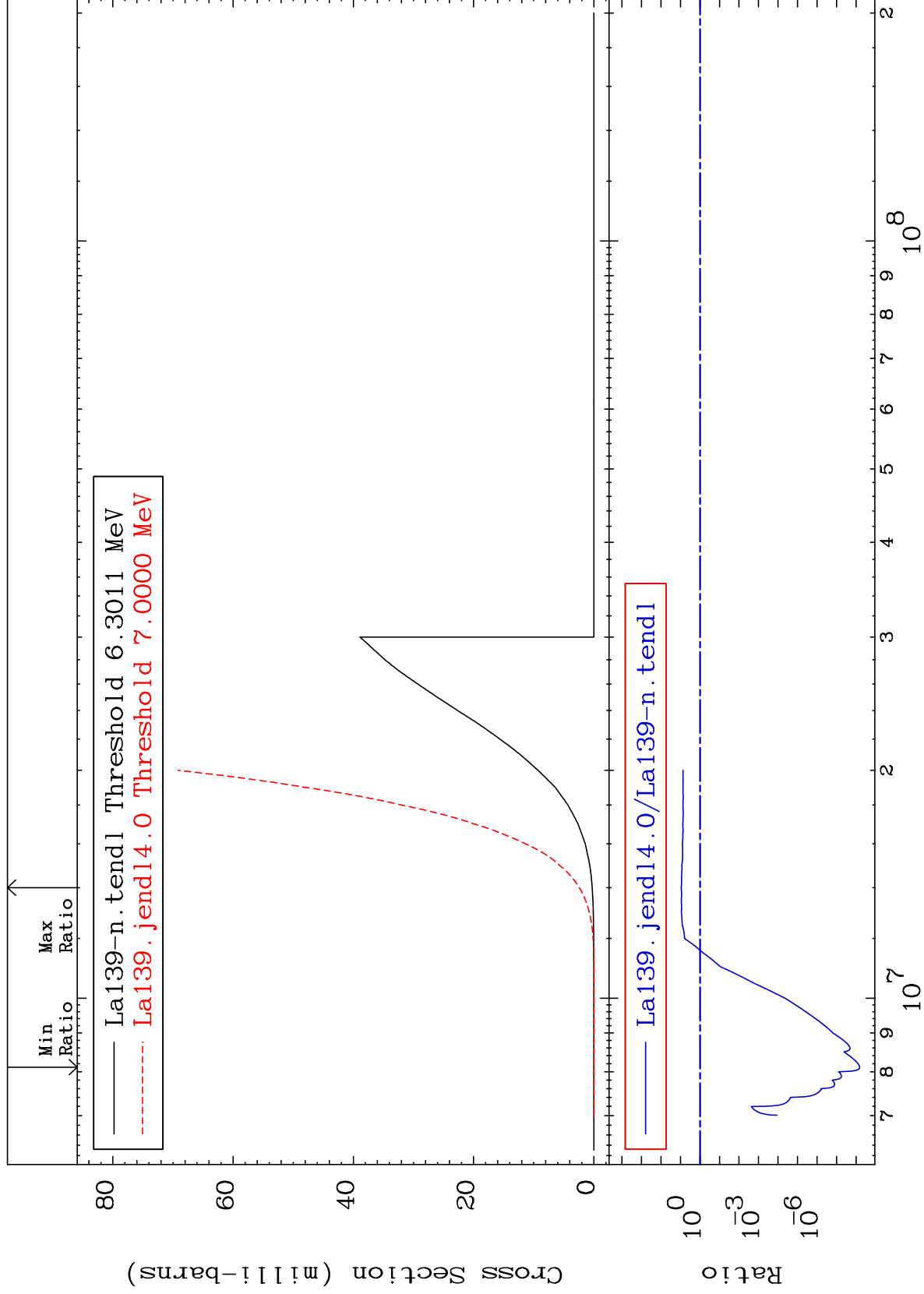




MAT 5728

(n,n') p
Cross Section

57-La-139
-100.0 To 818.1 %



7

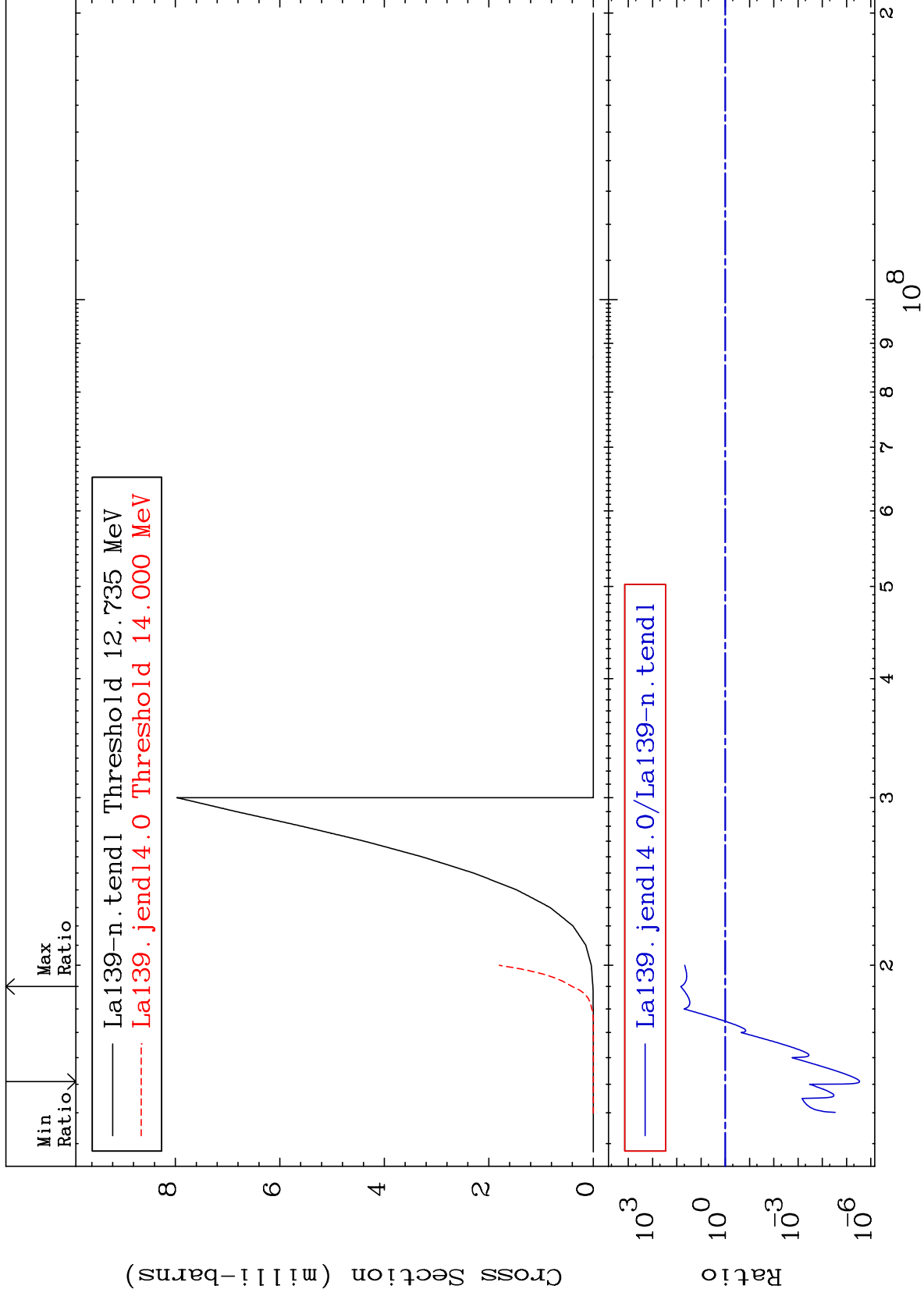
Incident Energy (eV)

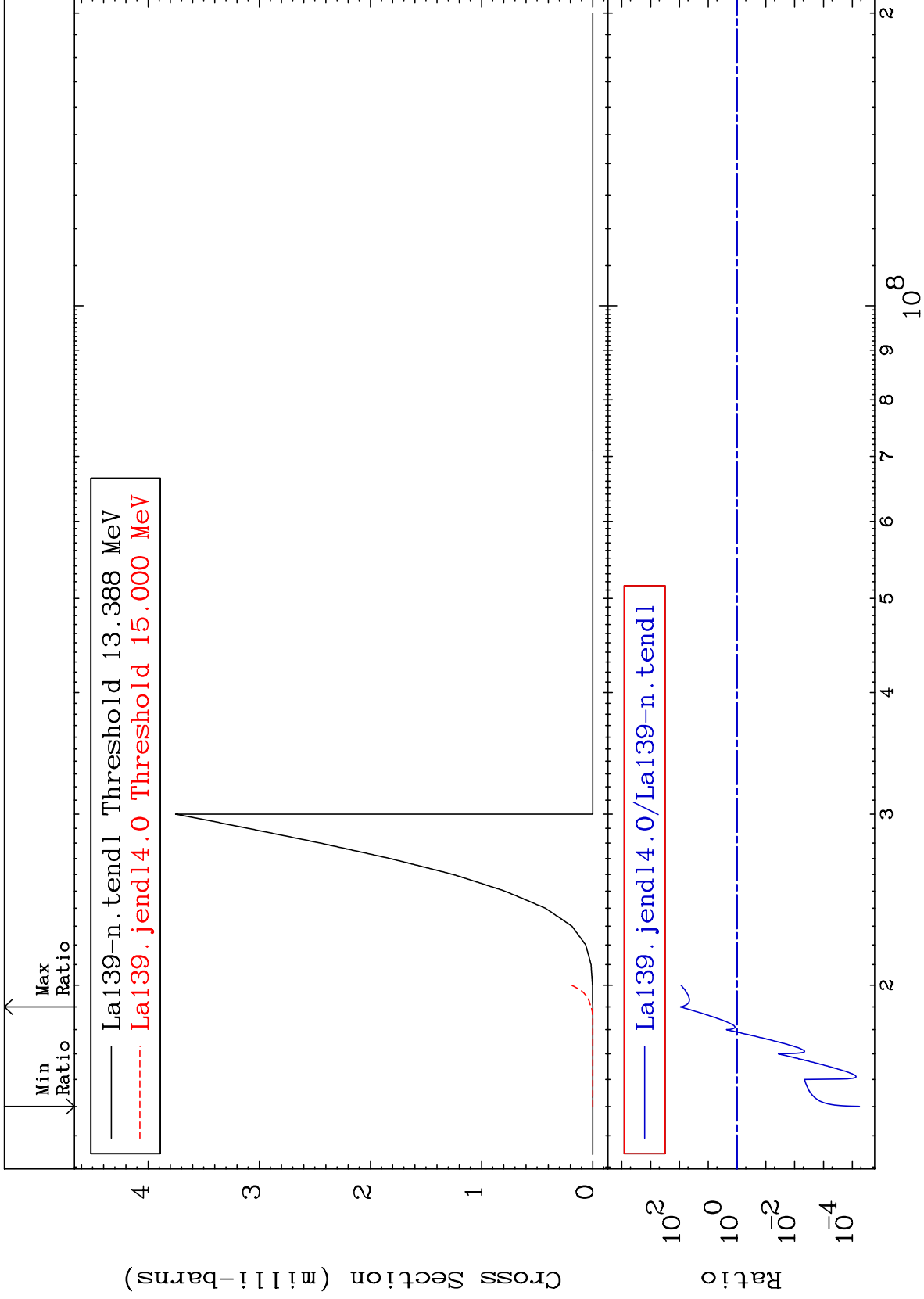
57-La-139

MAT 5728

(n,n') d
Cross Section

57-La-139
-100.0 To 6804. %

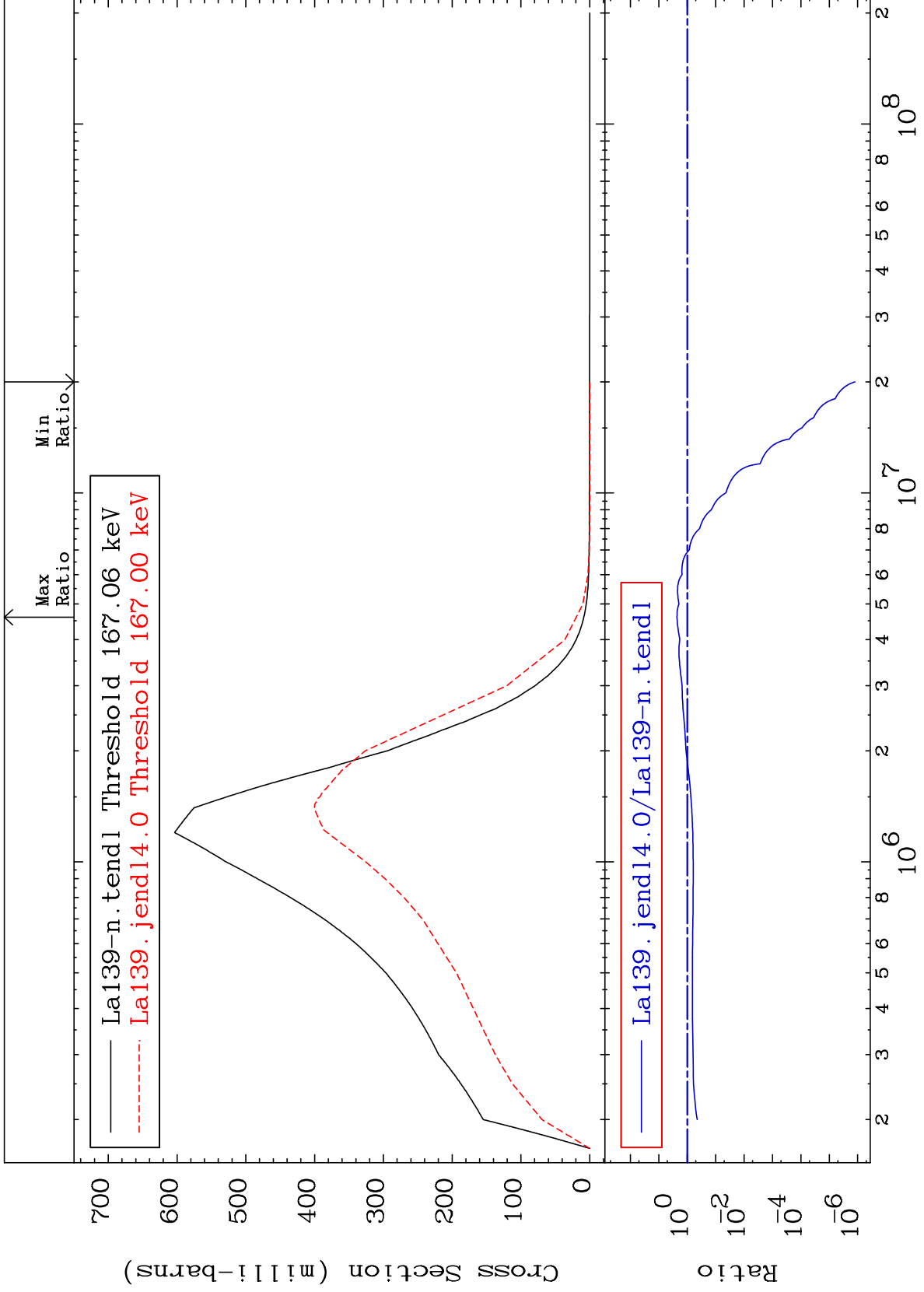




MAT 5728

165.9 keV (n,n') Level
Cross Section

57-La-139
-100.0 To 130.4 %



10

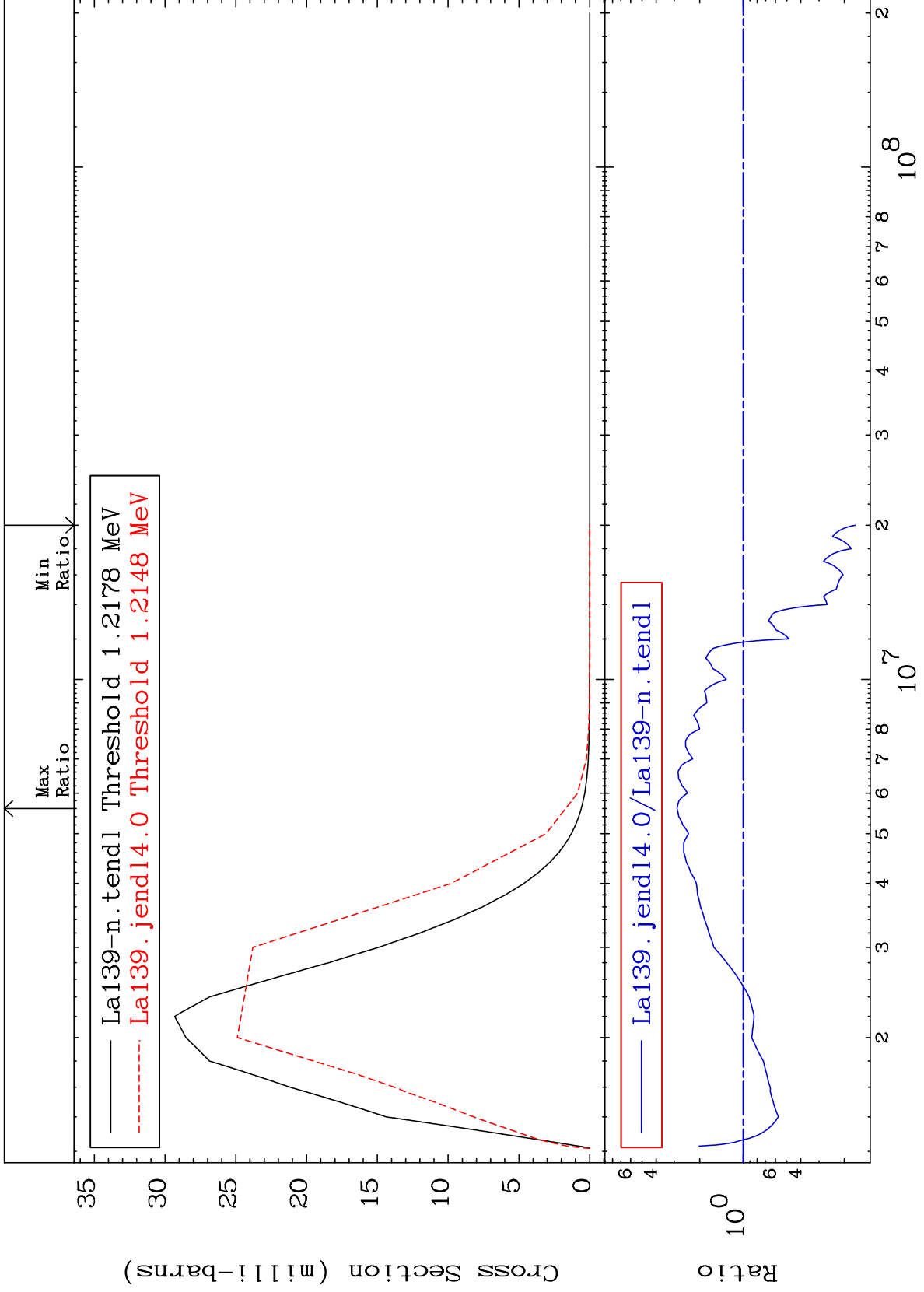
Incident Energy (eV)

57-La-139

MAT 5728

1.209 MeV (n,n') Level
Cross Section

57-La-139
-83.13 To 187.0 %

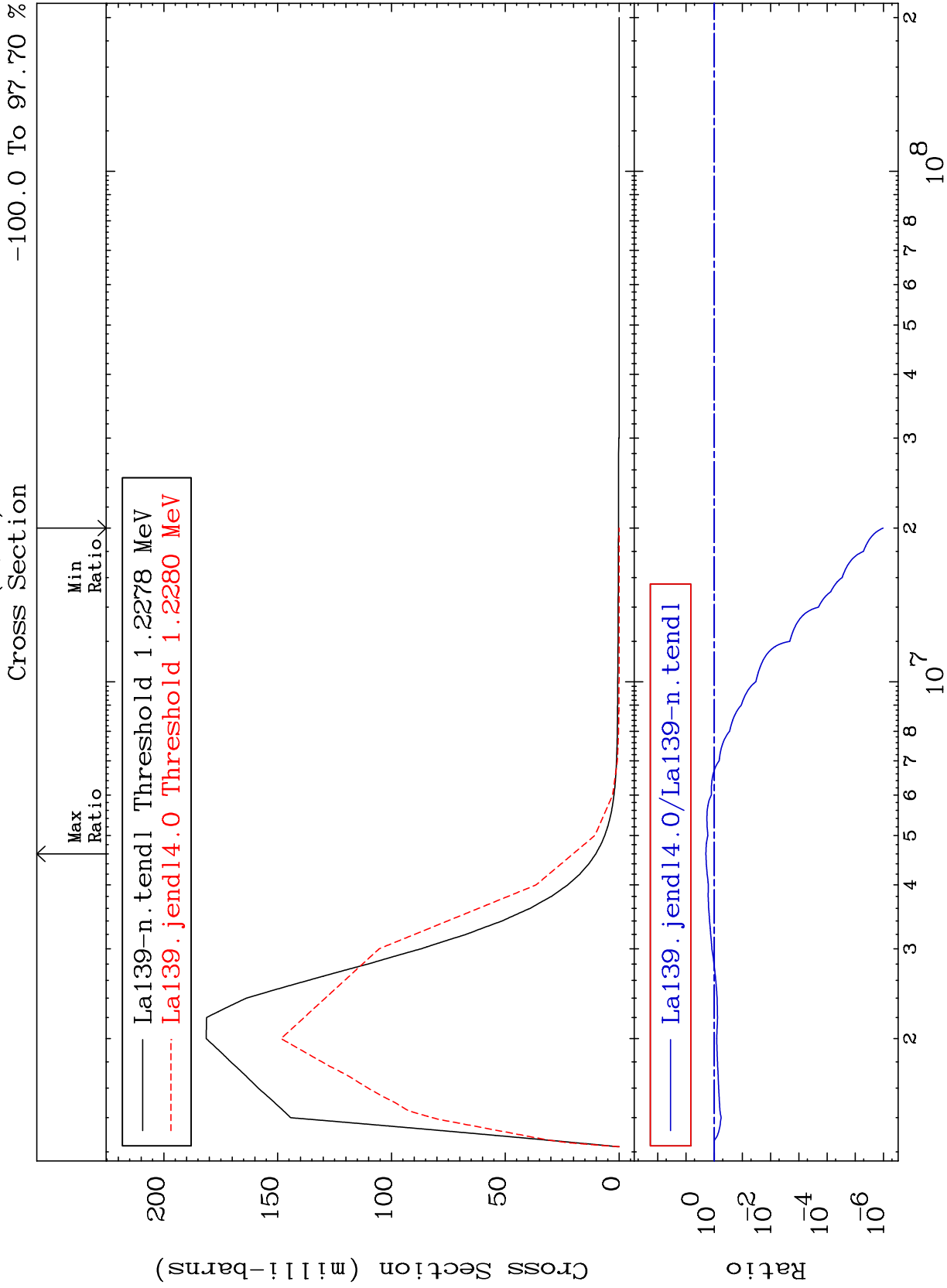


MAT 5728

1.219 MeV (n,n') Level

57-La-139

-100.0 To 97.70 %



12

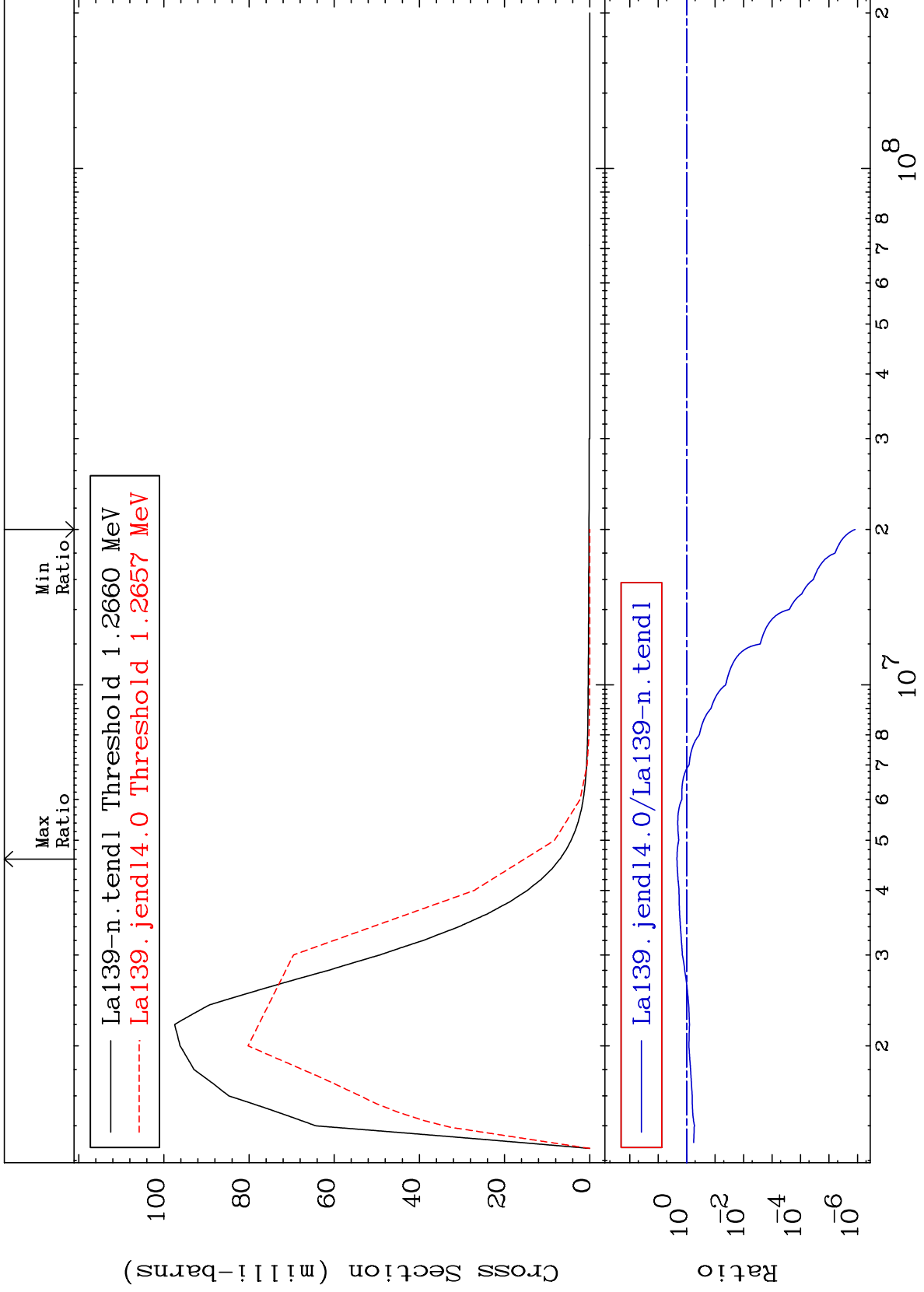
Incident Energy (eV)

57-La-139

MAT 5728

1.257 MeV (n,n') Level
Cross Section

57-La-139
-100.0 To 119.4 %

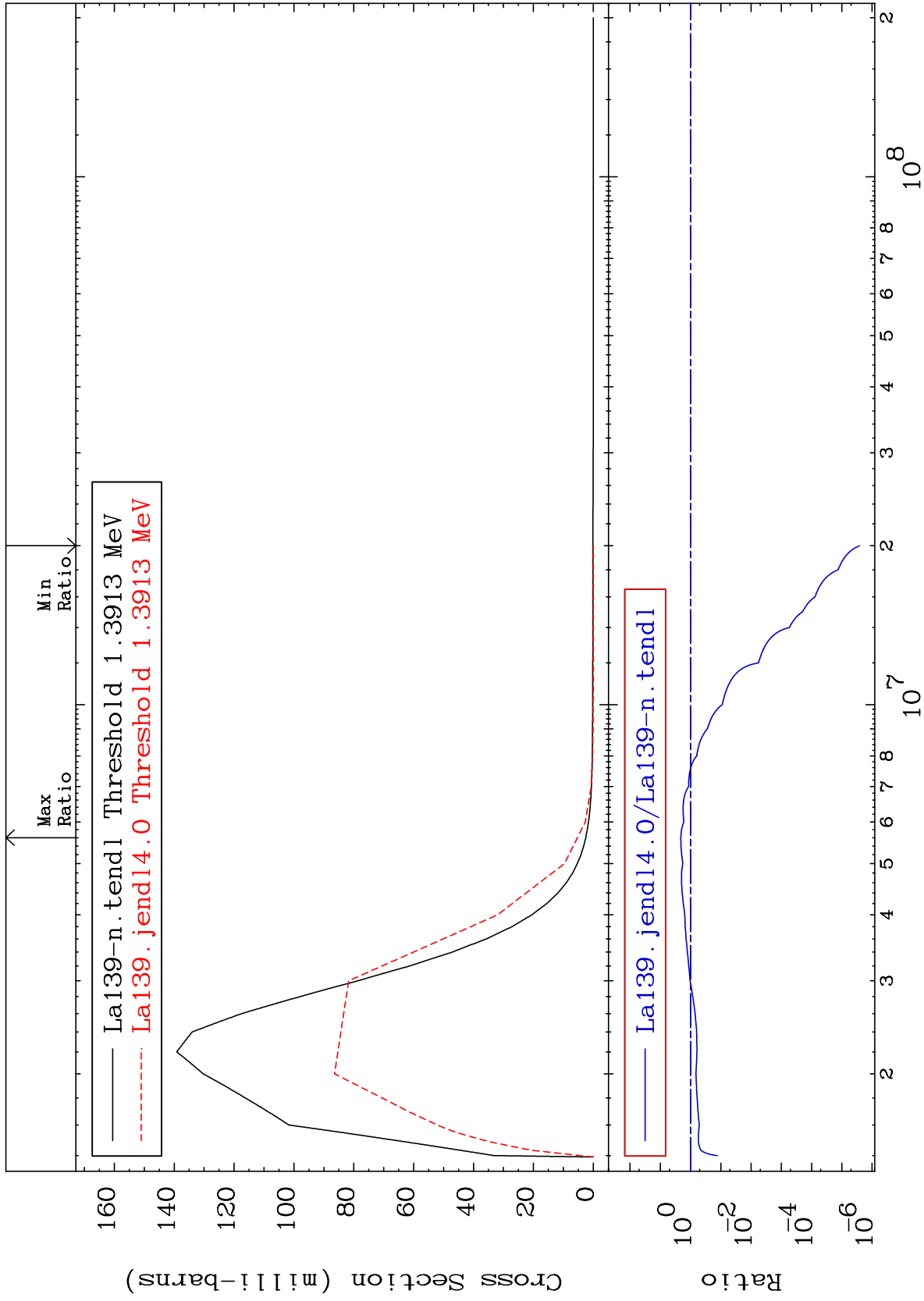


MAT 5728

1.381 MeV (n,n') Level

57-La-139

-100.0 To 110.5 %



14

Incident Energy (eV)

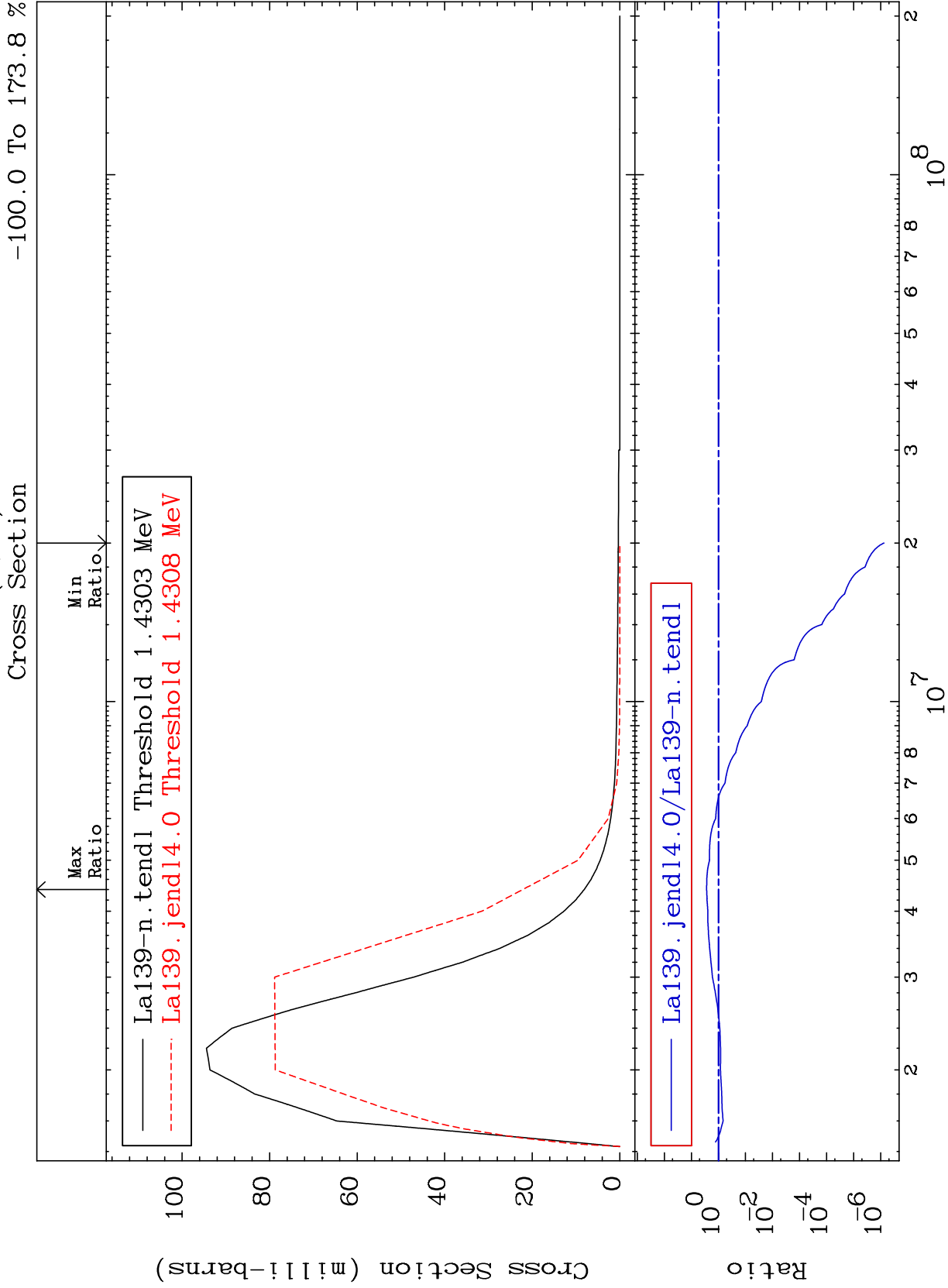
57-La-139

MAT 5728

1.420 MeV (n,n') Level

57-La-139

-100.0 To 173.8 %

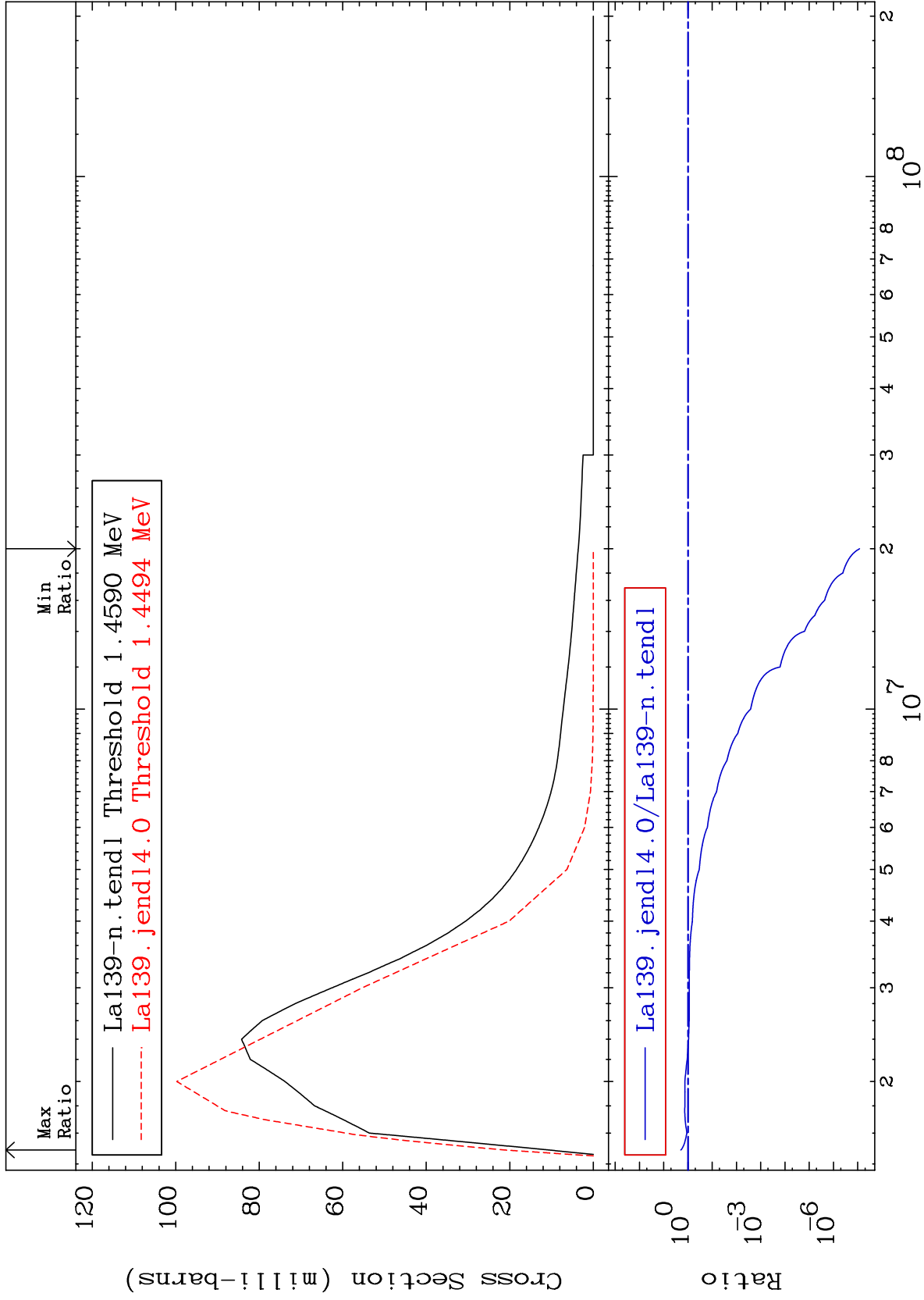


MAT 5728

1.448 MeV (n,n') Level

57-La-139

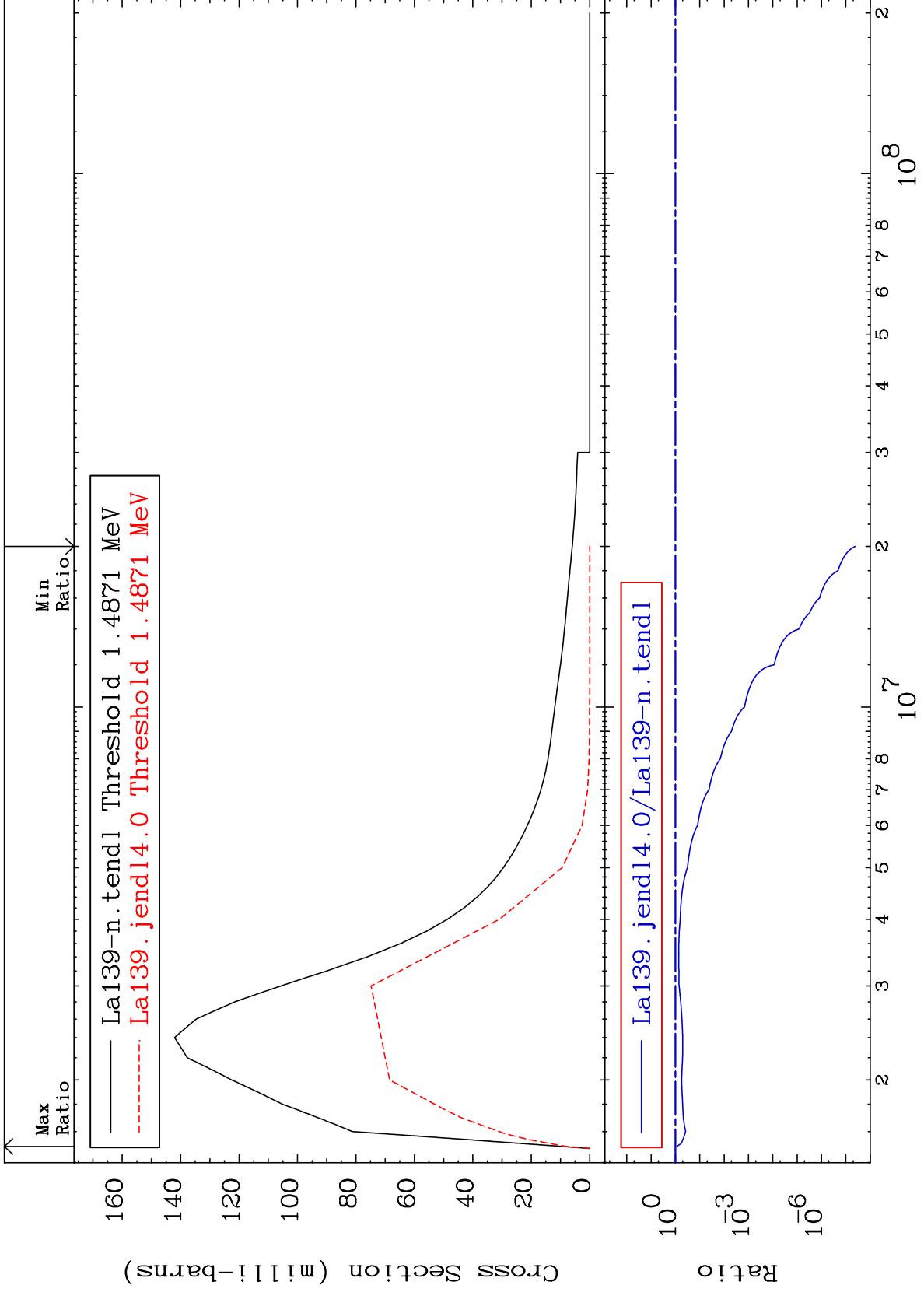
-100.0 To 98.38 %



MAT 5728

1.476 MeV (n,n') Level
Cross Section

57-La-139
-100.0 To -13.30%



17

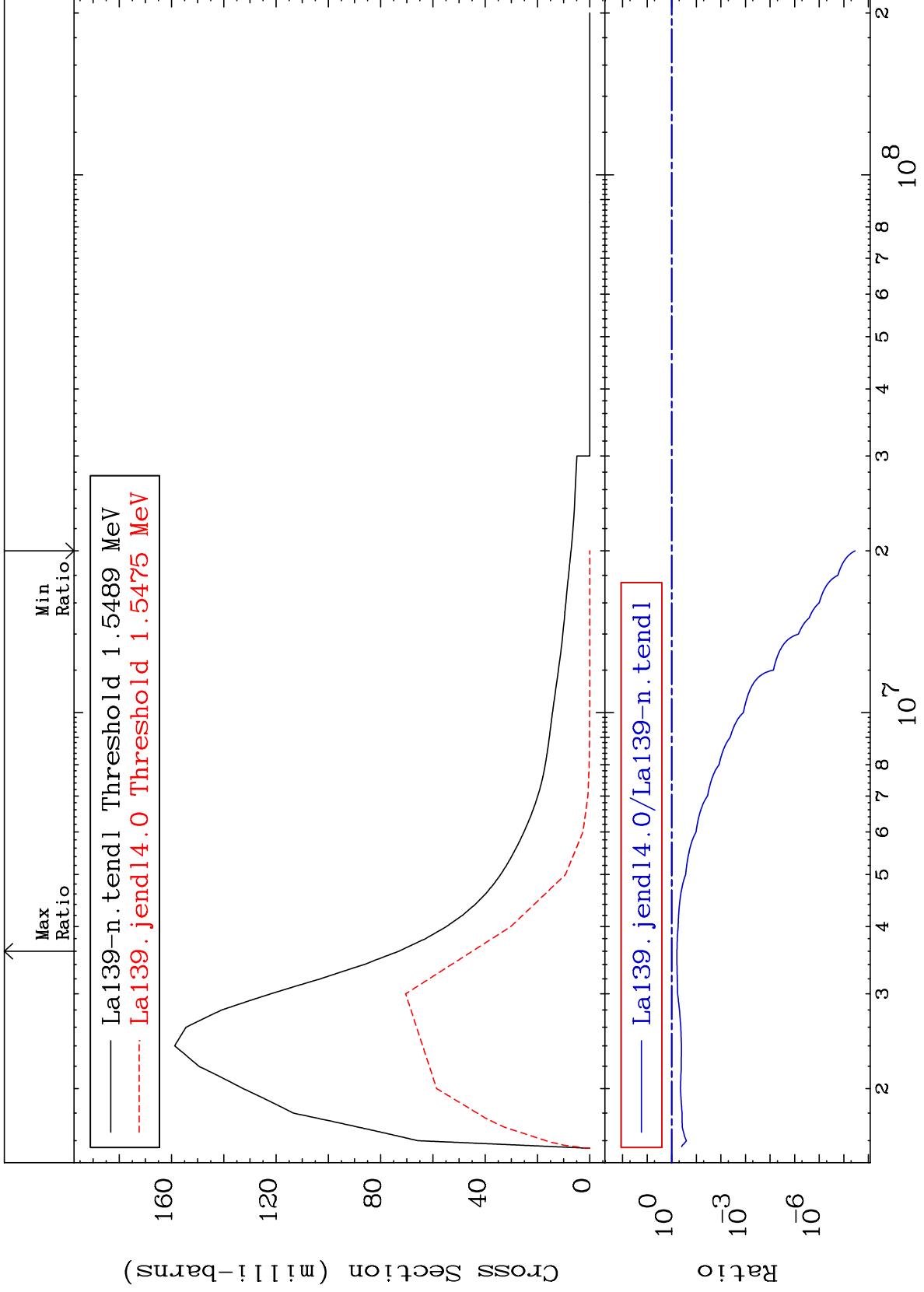
Incident Energy (eV)

57-La-139

MAT 5728

1.538 MeV (n,n') Level
Cross Section

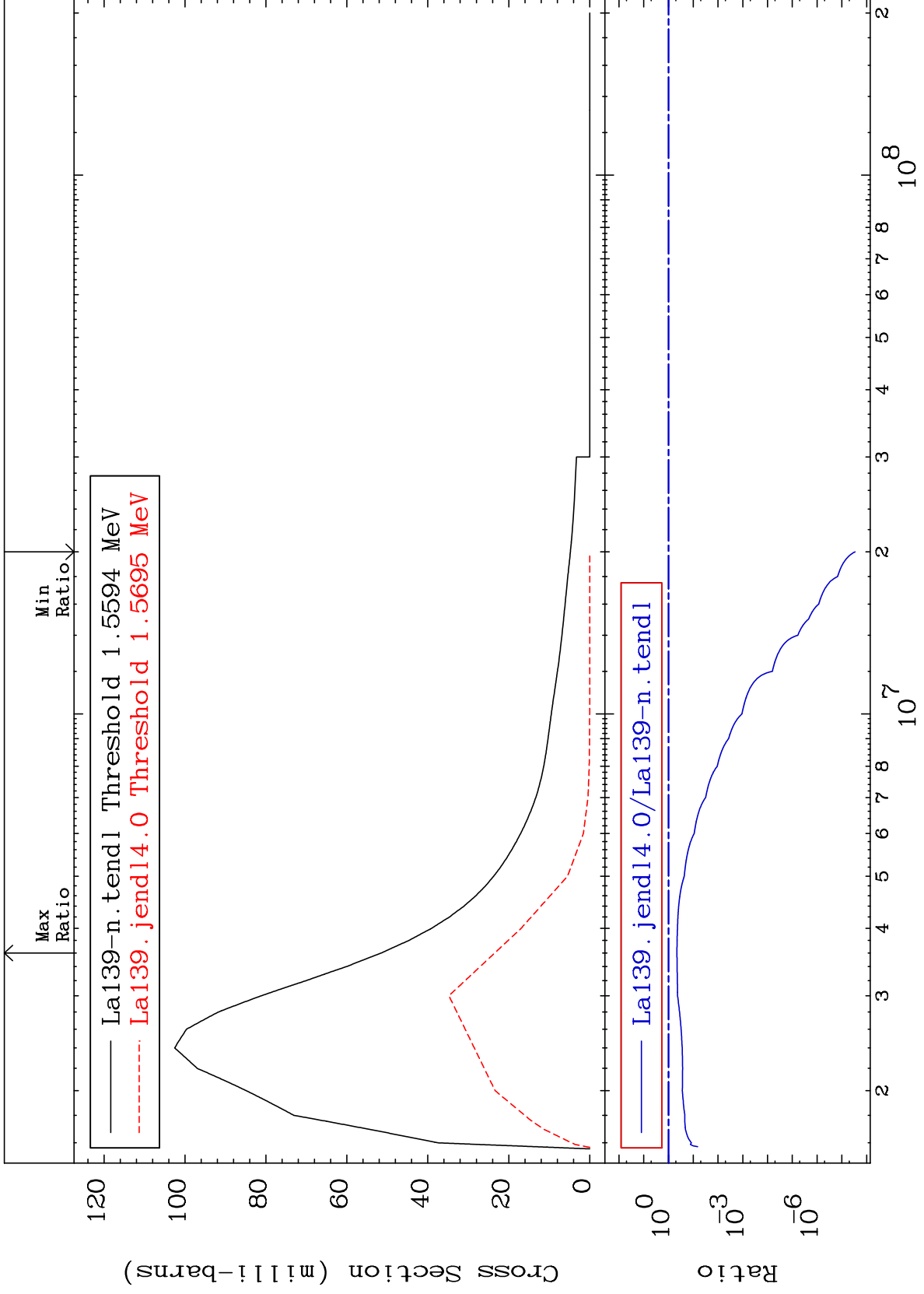
57-La-139
-100.0 To -38.50%



MAT 5728

1.548 MeV (n,n') Level
Cross Section

57-La-139
-100.0 To -54.40%

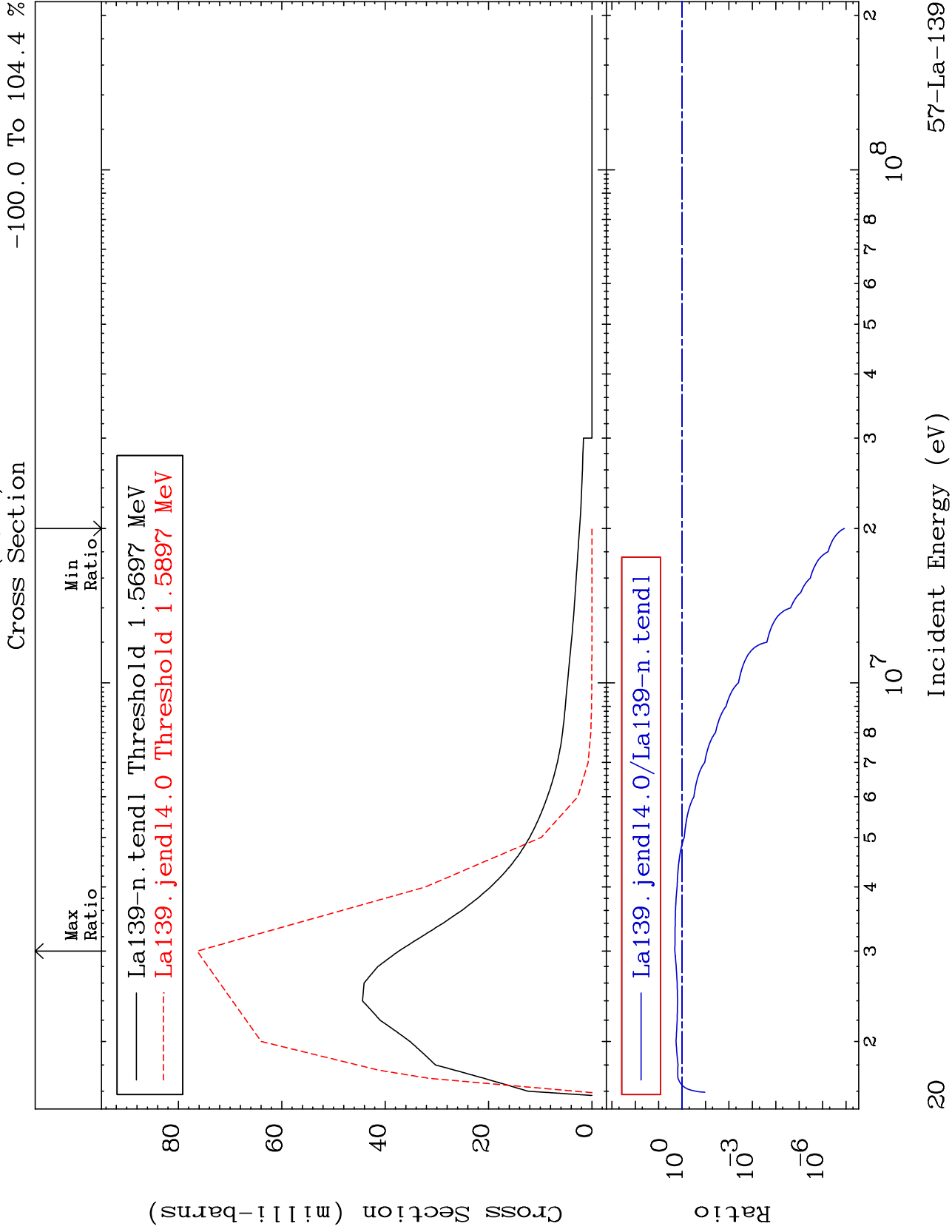


MAT 5728

1.558 MeV (n,n') Level

57-La-139

-100.0 To 104.4 %



20

Incident Energy (eV)

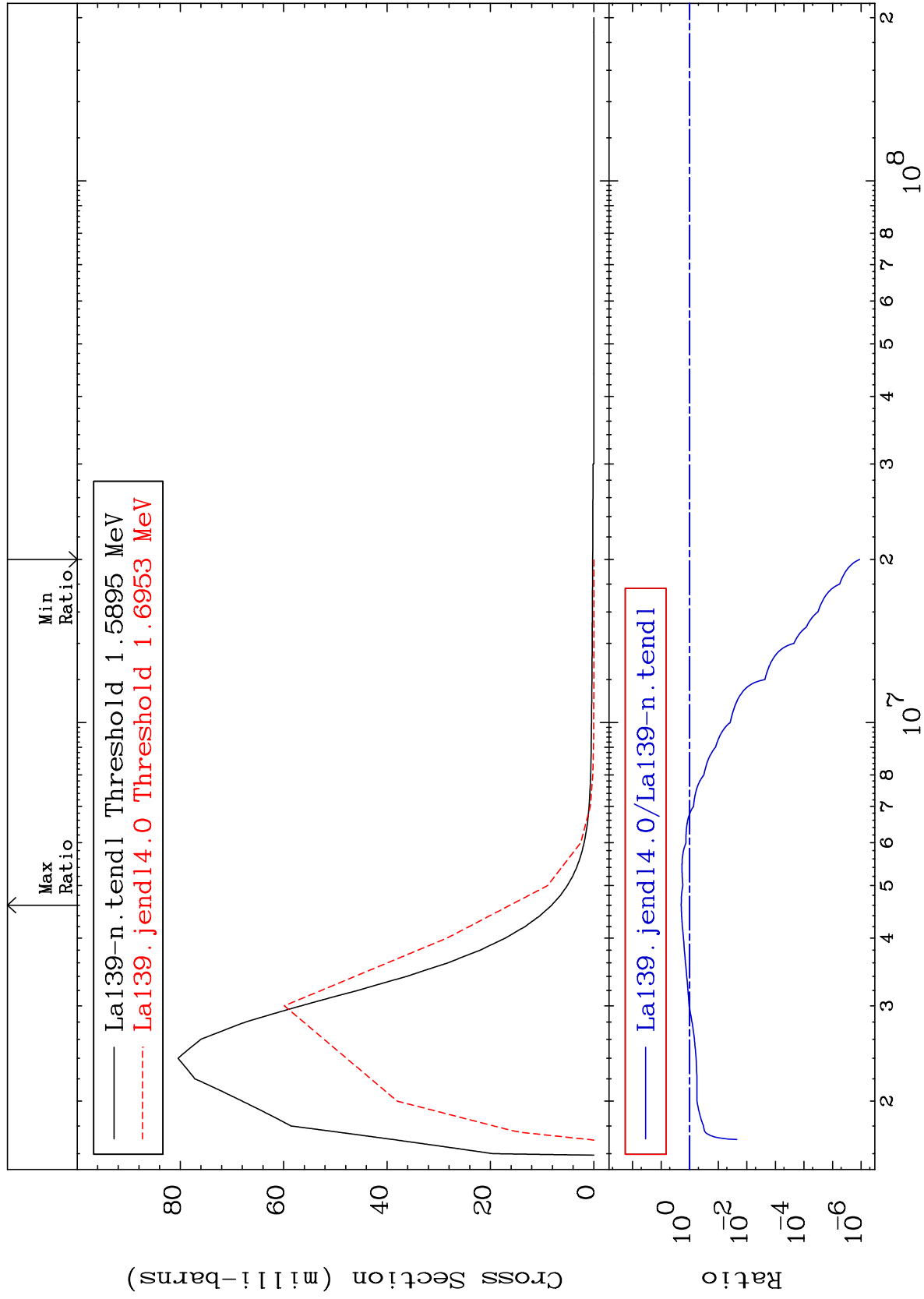
57-La-139

MAT 5728

1.578 MeV (n,n') Level

57-La-139

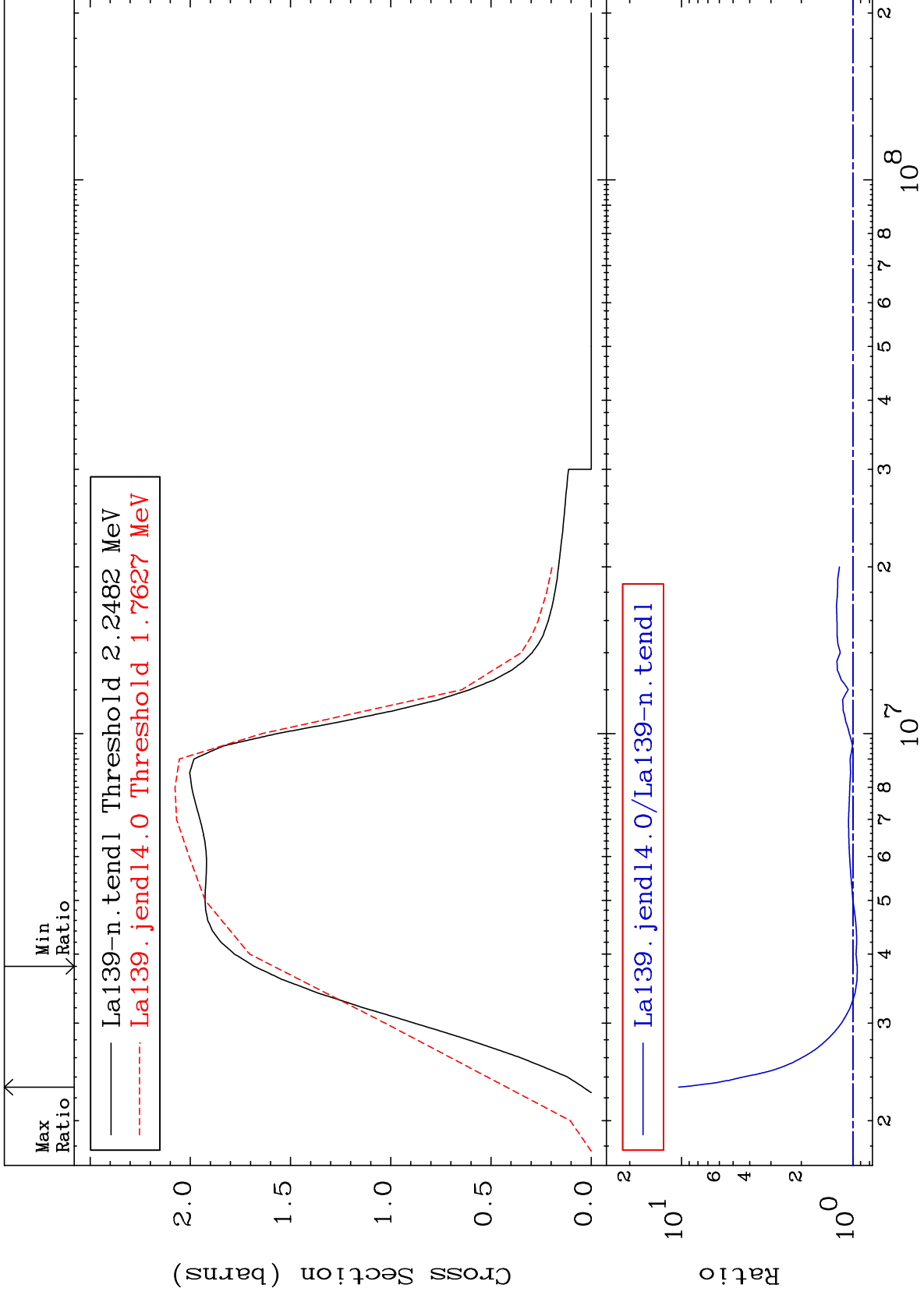
-100.0 To 99.07 %



MAT 5728

(n, n') Continuum
Cross Section

57-La-139
-5.781 To 937.9 %



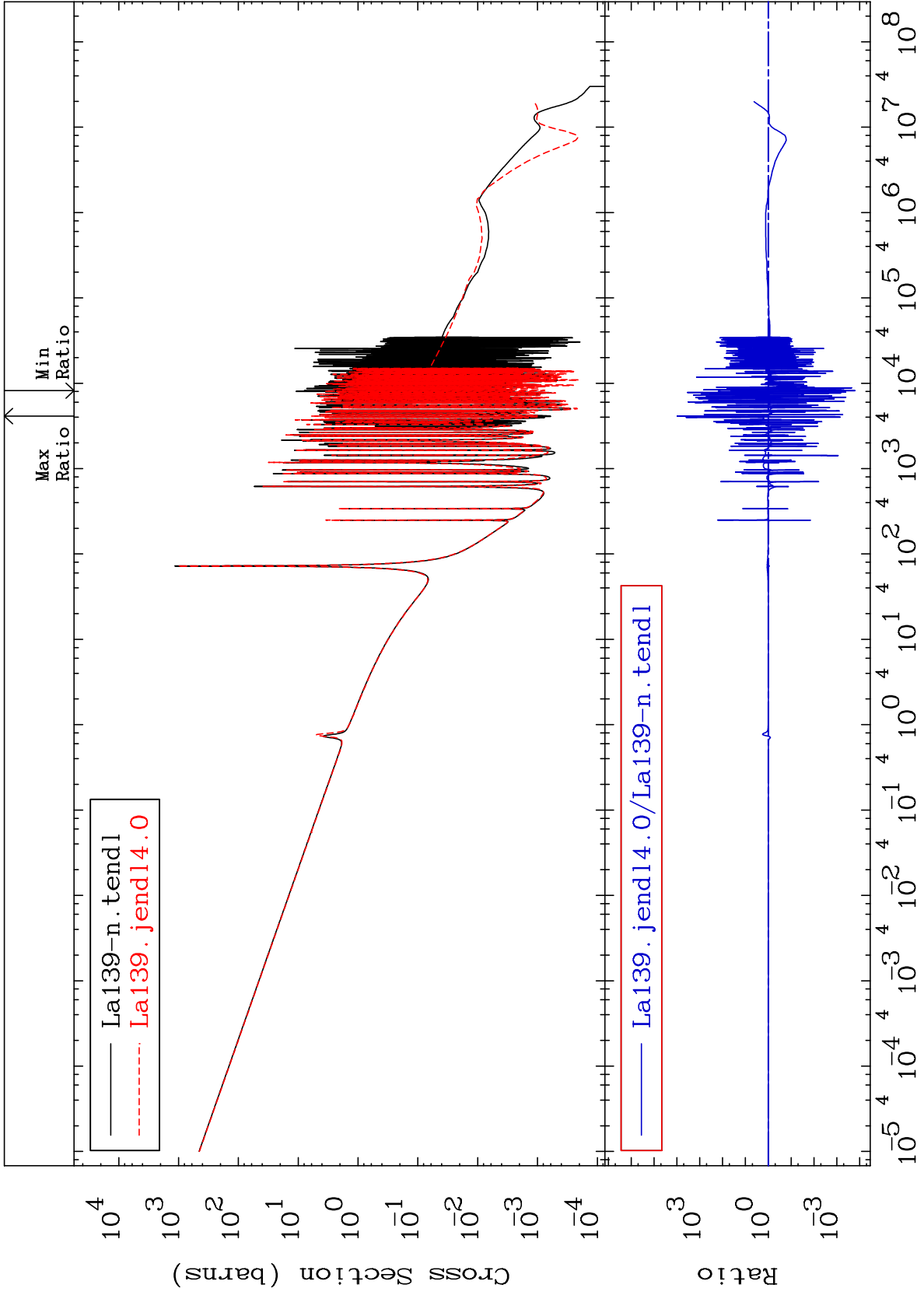
MAT 5728

(n, γ)

57-La-139

Cross Section

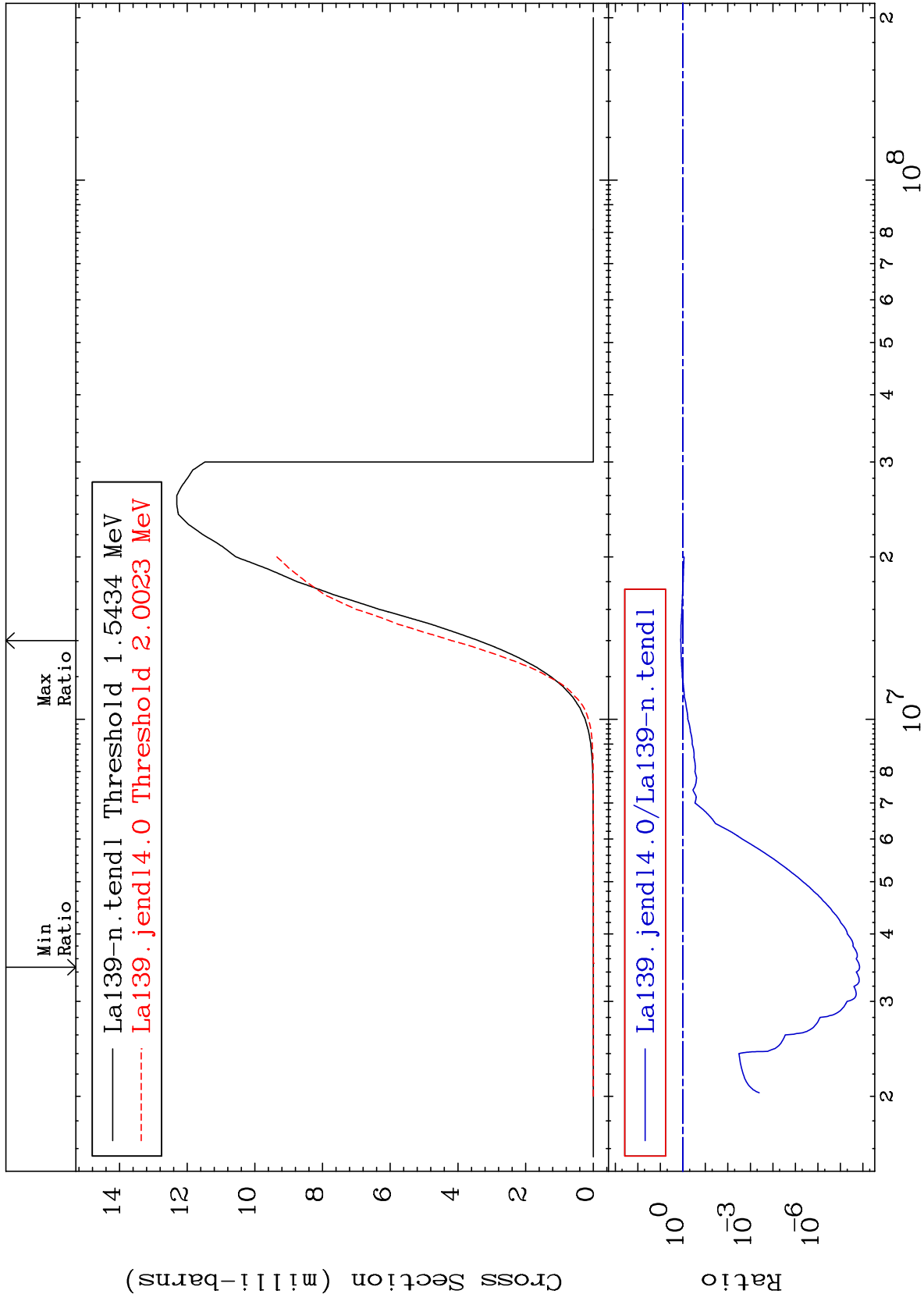
-99.98 To 9999. %



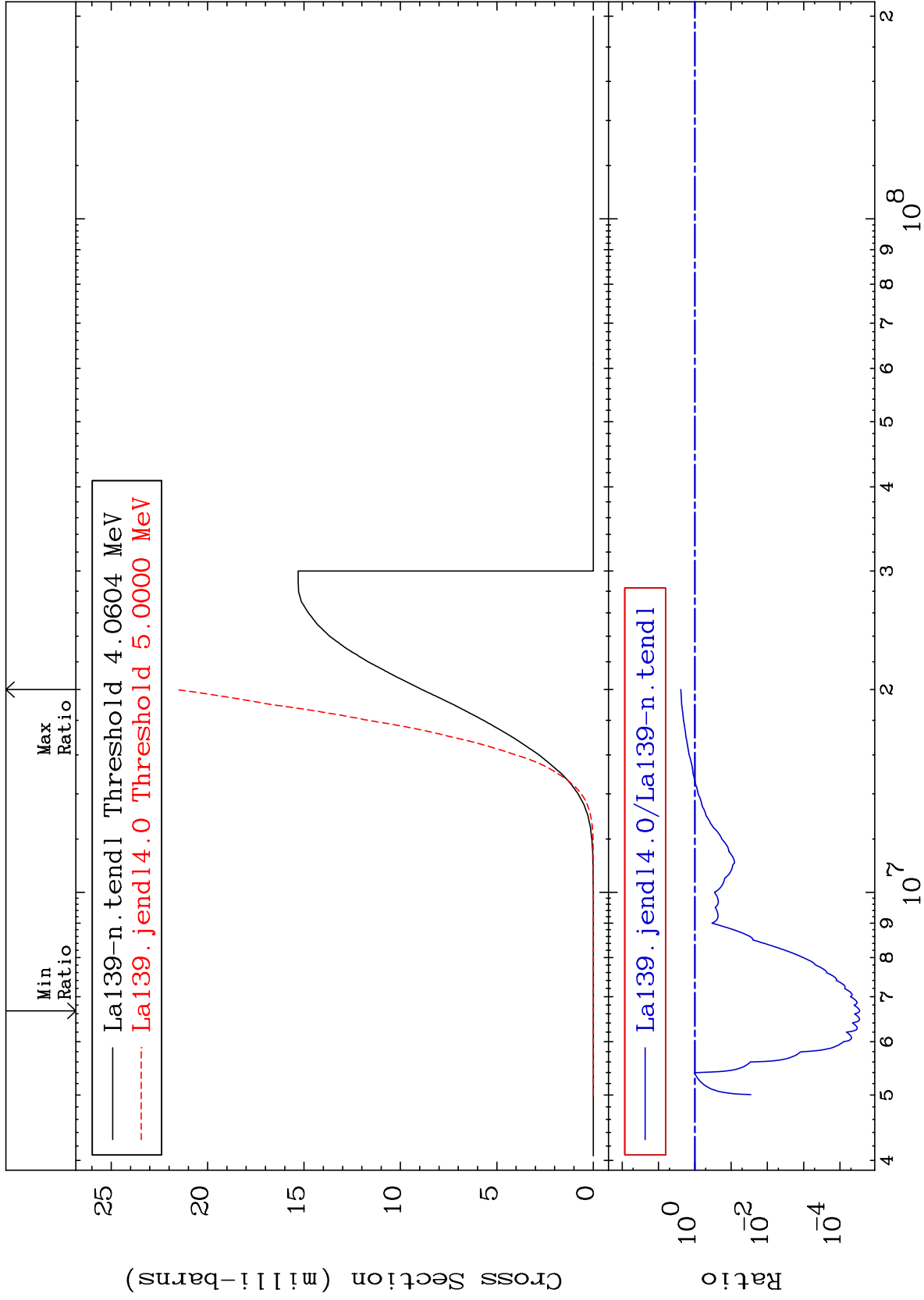
MAT 5728

57-La-139

(n,p)
Cross Section
-100.0 To 23.56 %

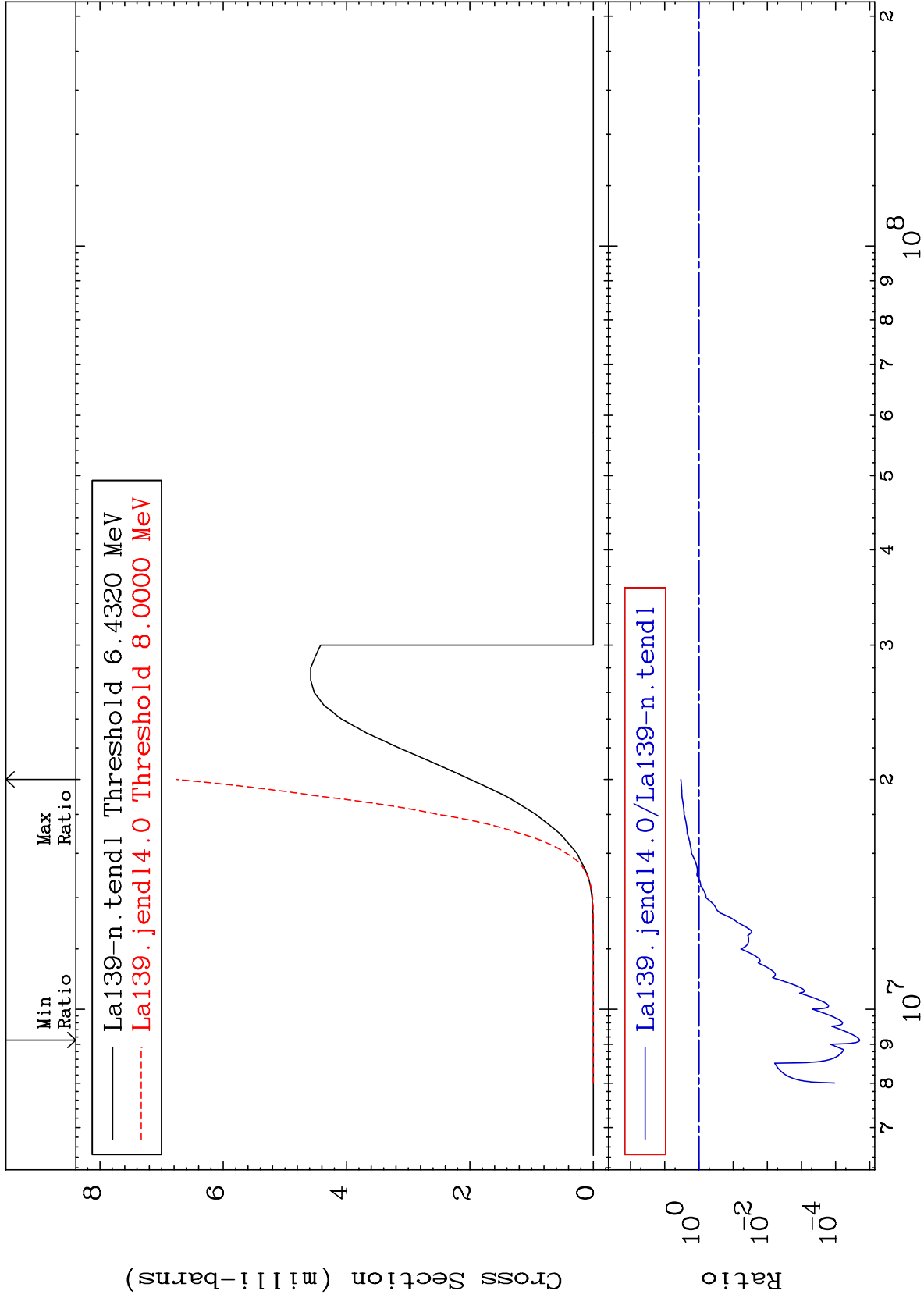


(n, d)
Cross Section
-100.0 To 143.0 %



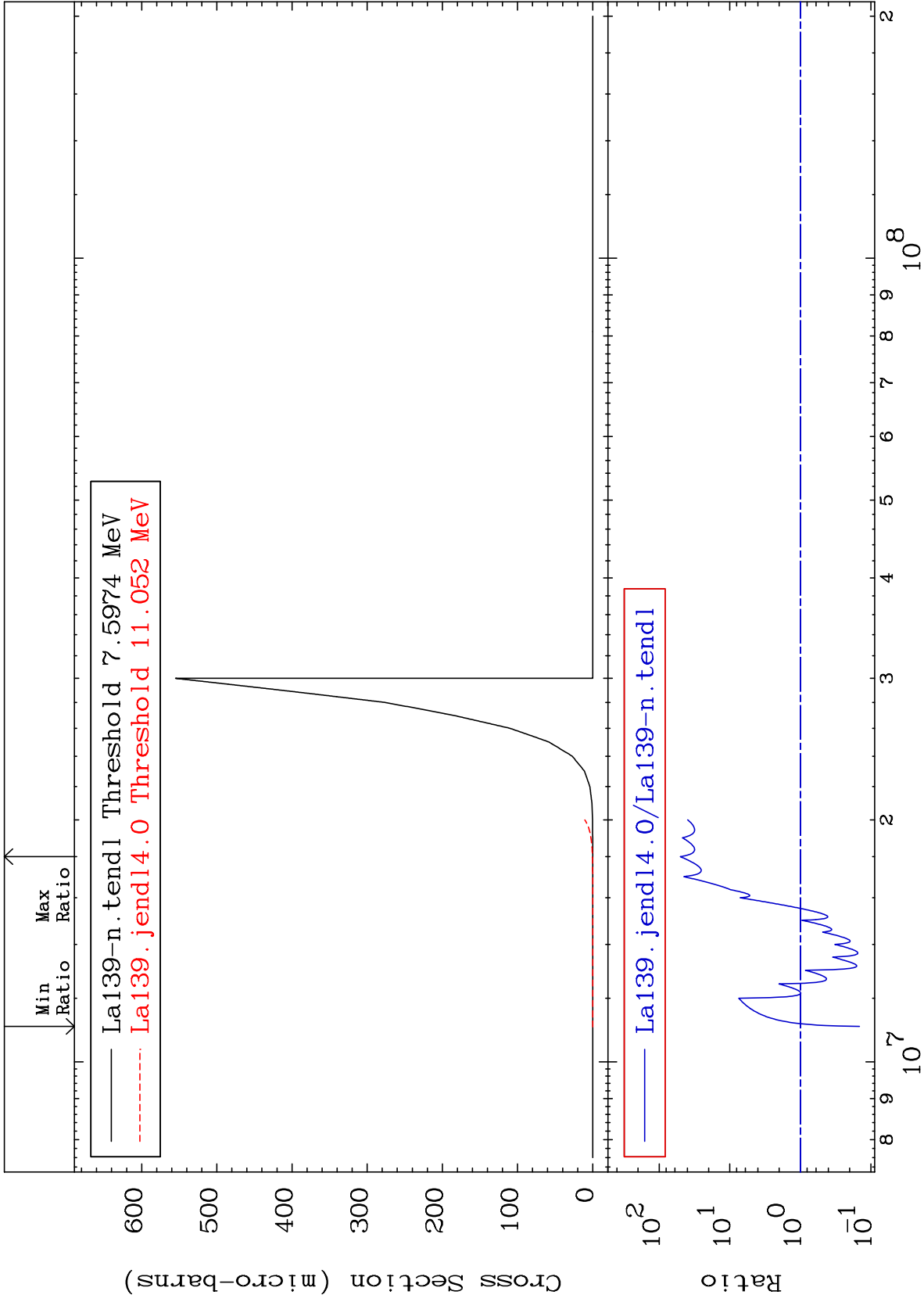
Cross Section

-100.0 To 239.3 %



Cross Section

-85.49 To 4925. %



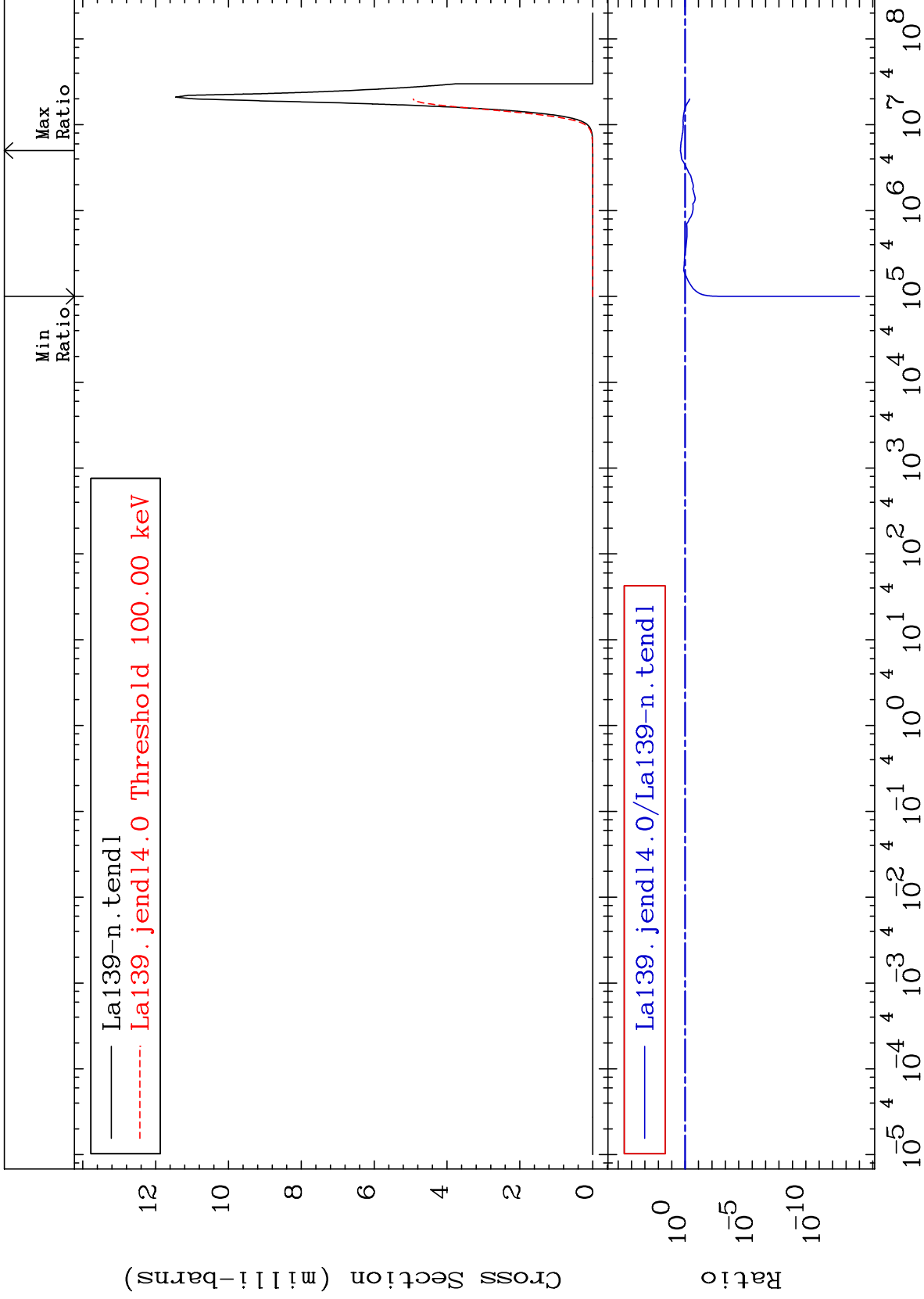
MAT 5728

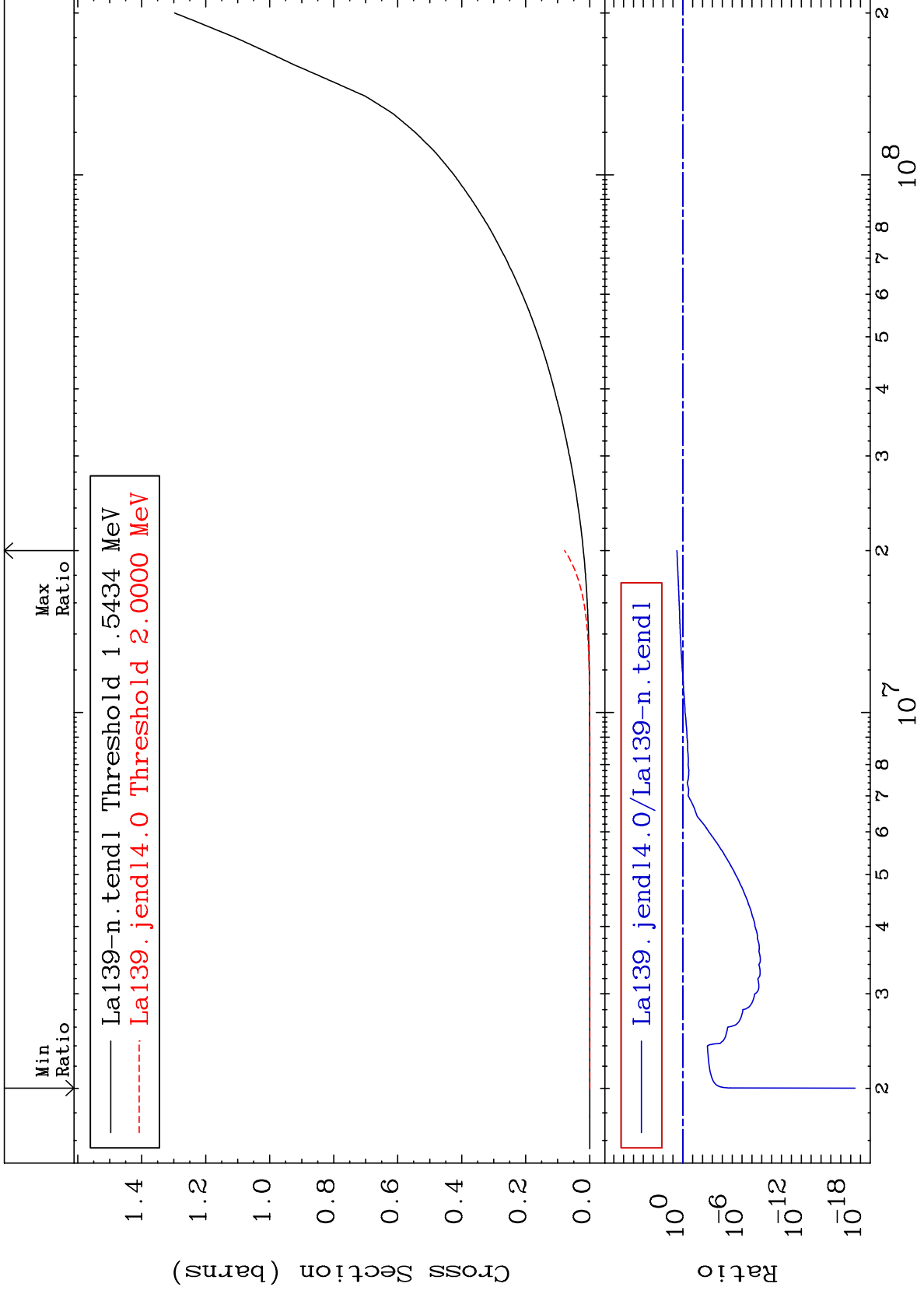
(n, α)

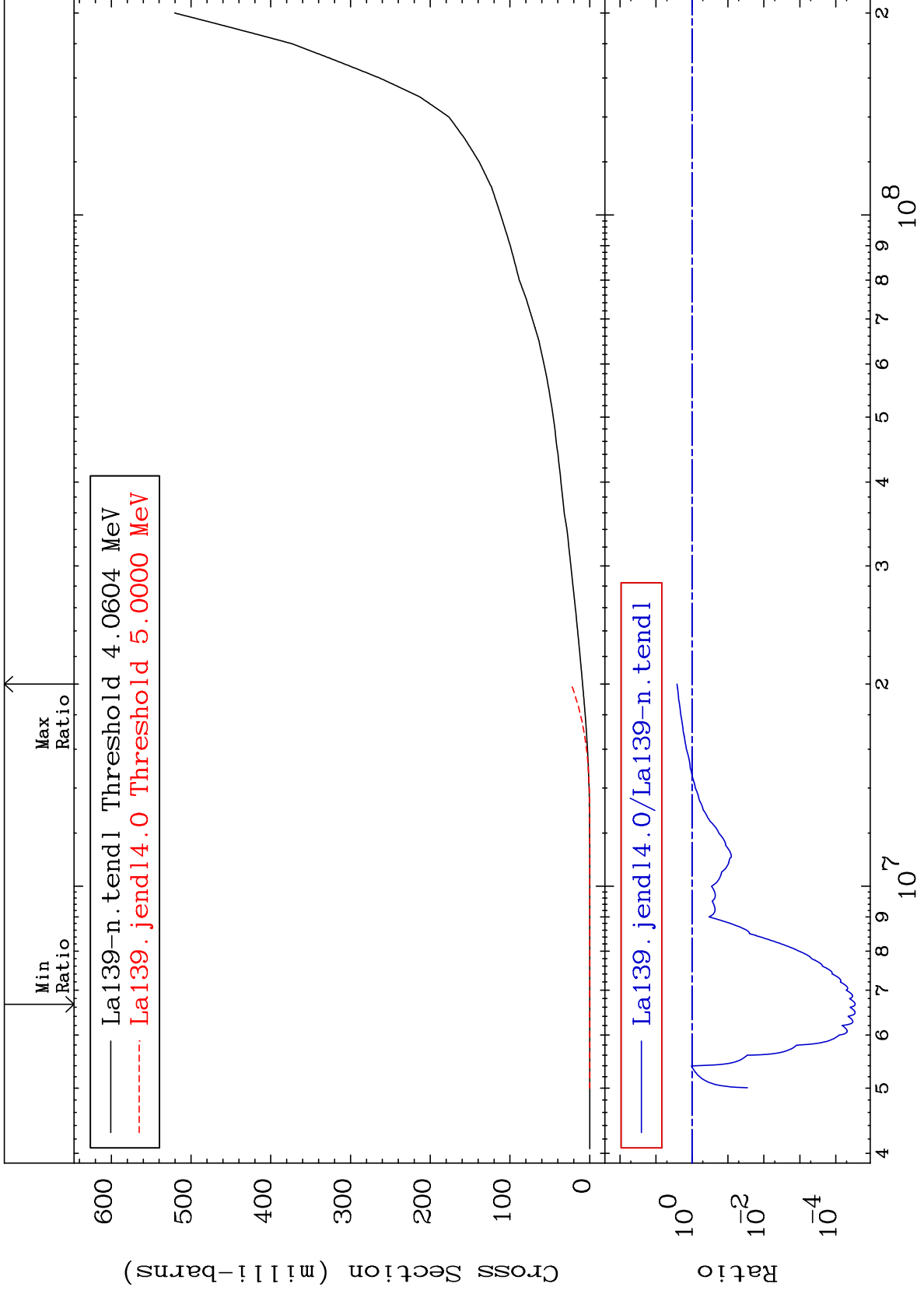
57-La-139

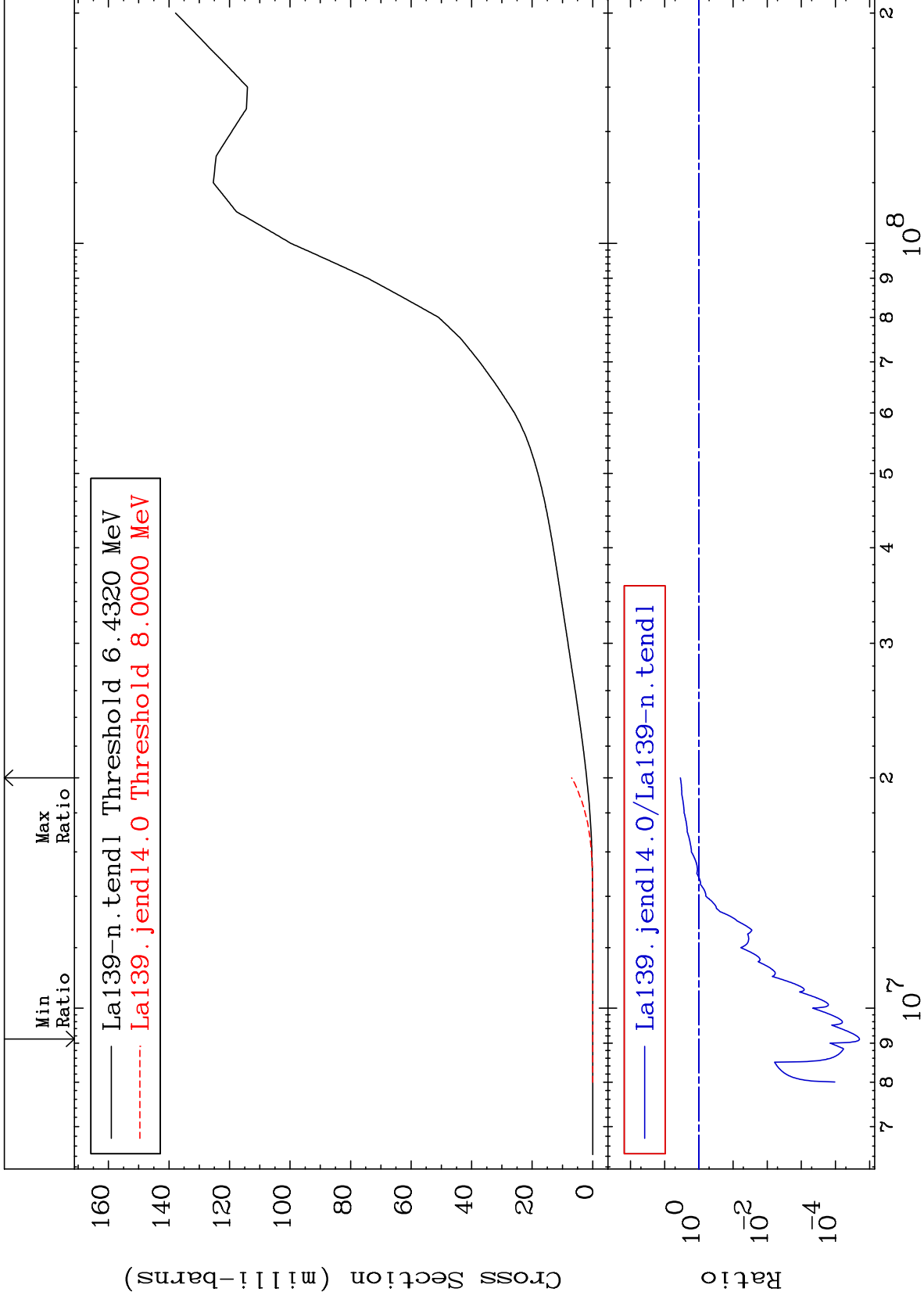
Cross Section

-100.0 To 127.7 %





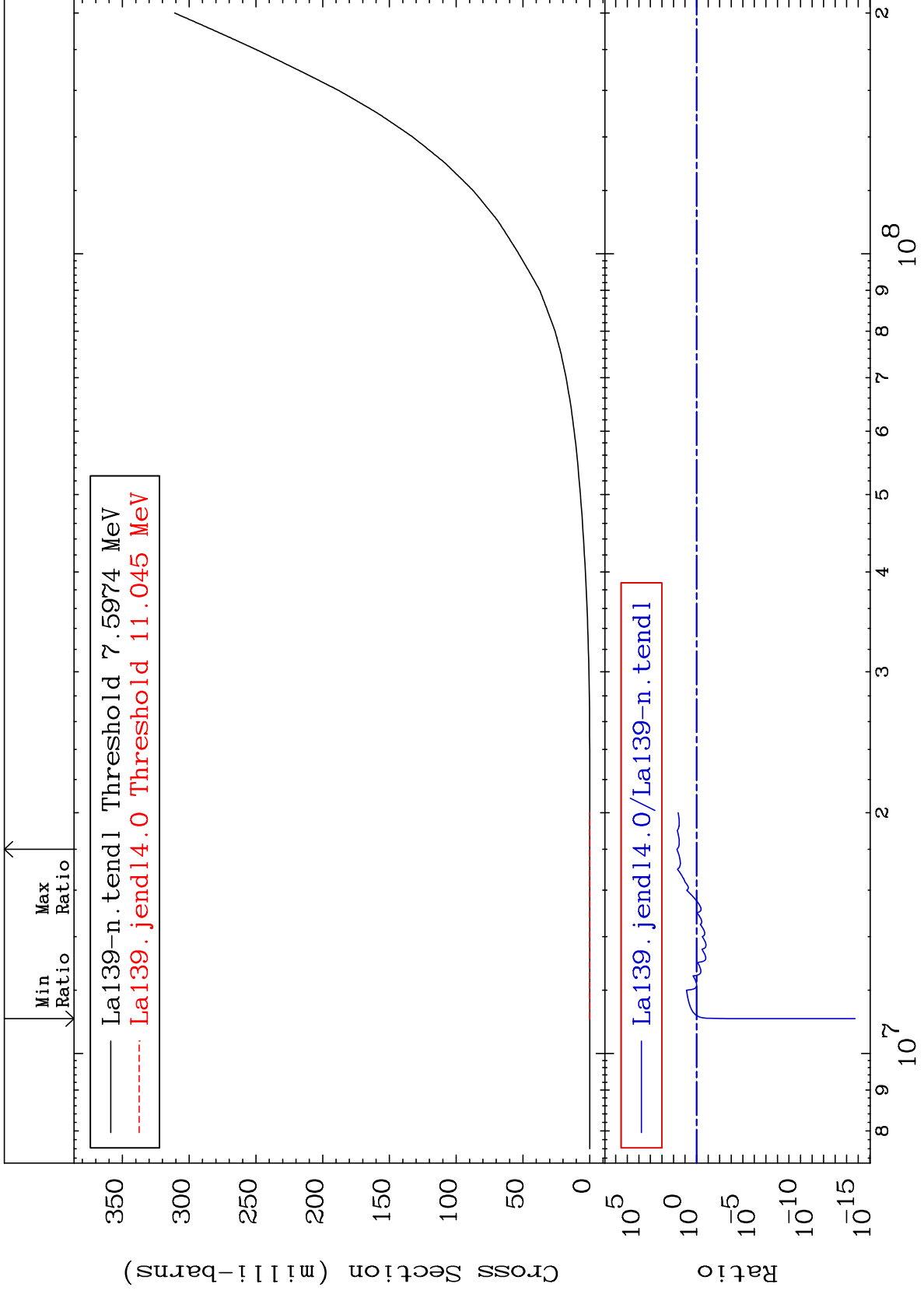




MAT 5728

He-3 Production
Cross Section

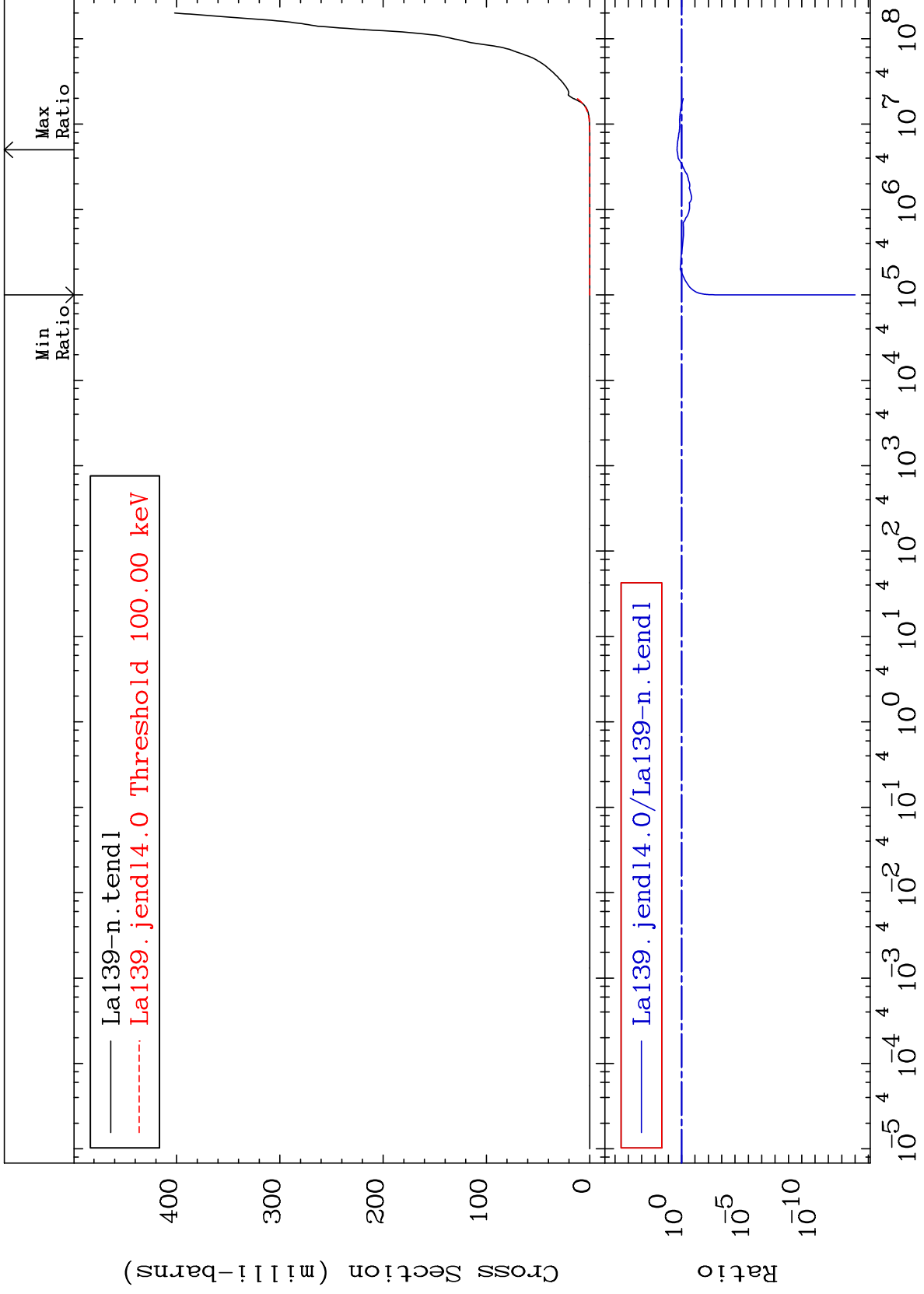
57-La-139
-100.0 To 4925. %

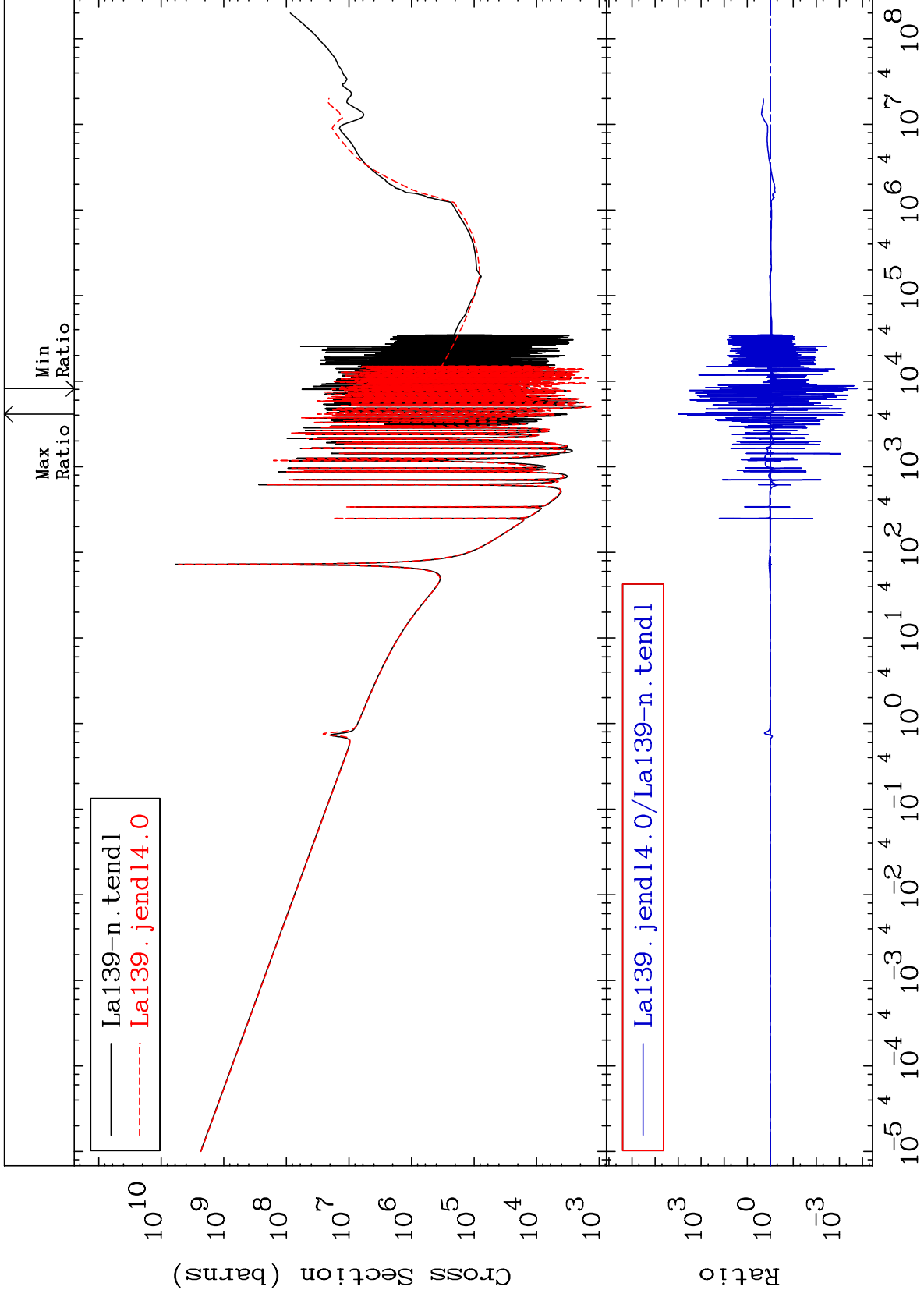


MAT 5728

He-4 Production
Cross Section

57-La-139
-100.0 To 127.7 %

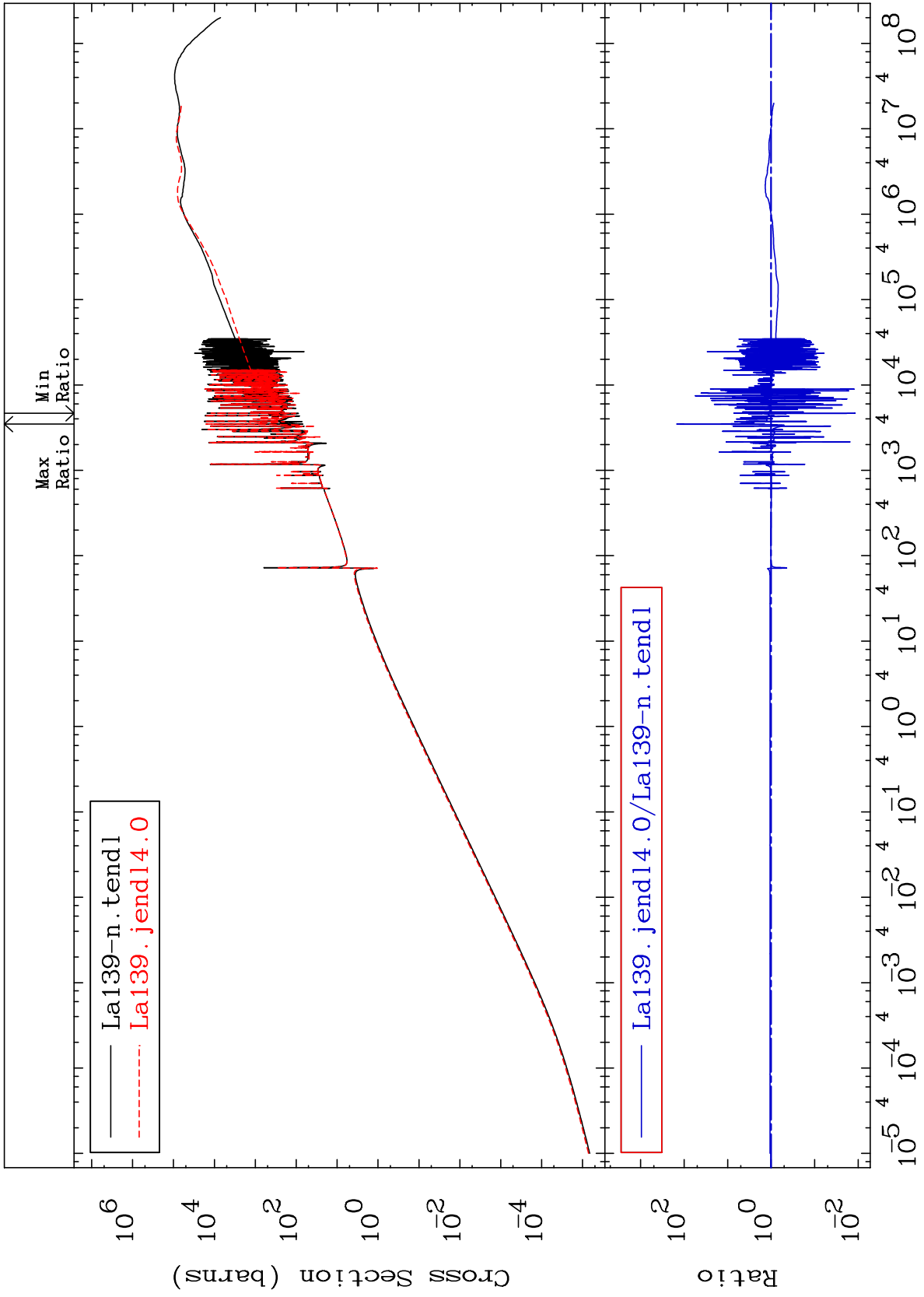


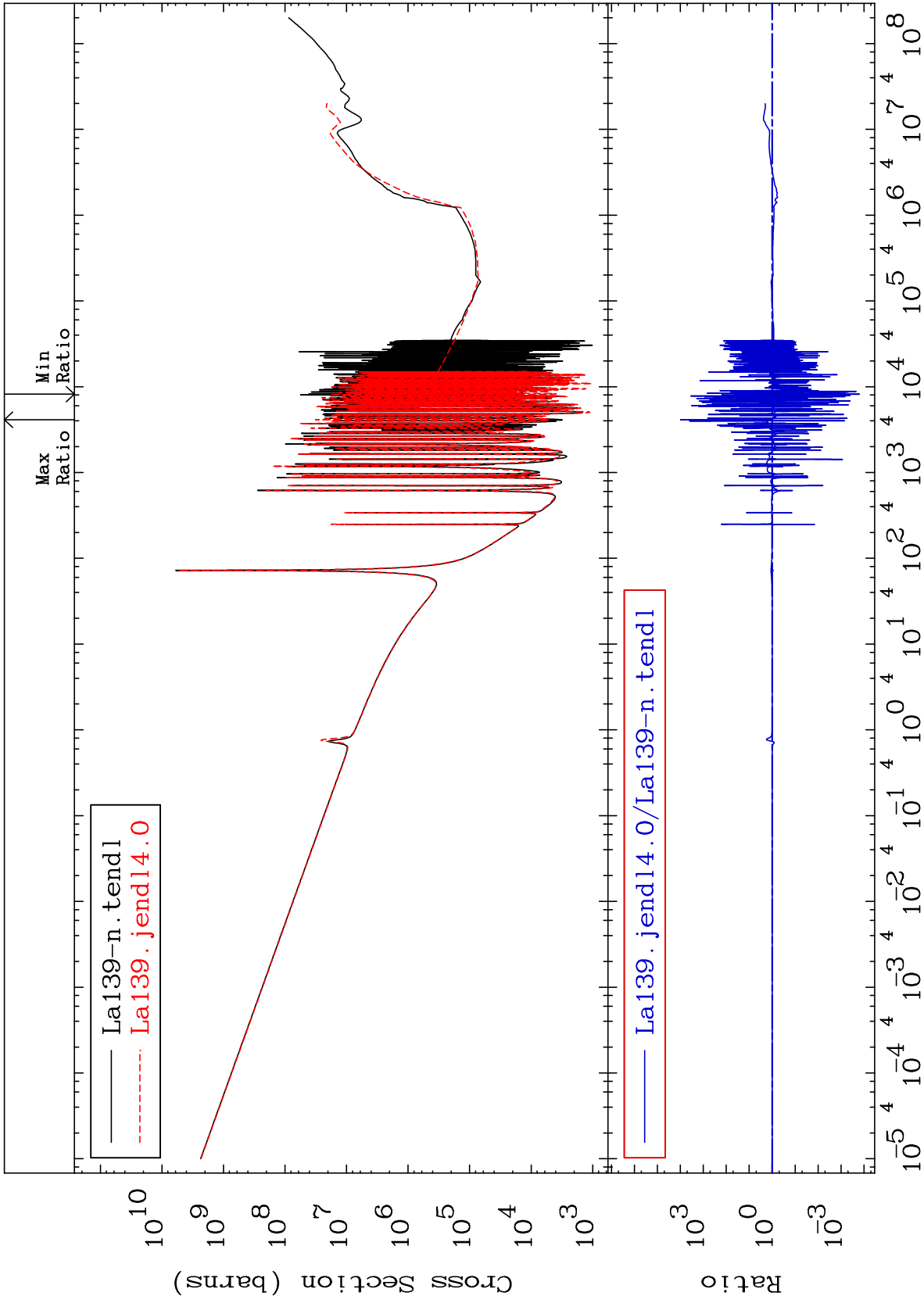


MAT 5728

Kerma elastic
Cross Section

57-La-139
-98.83 To 9999. %

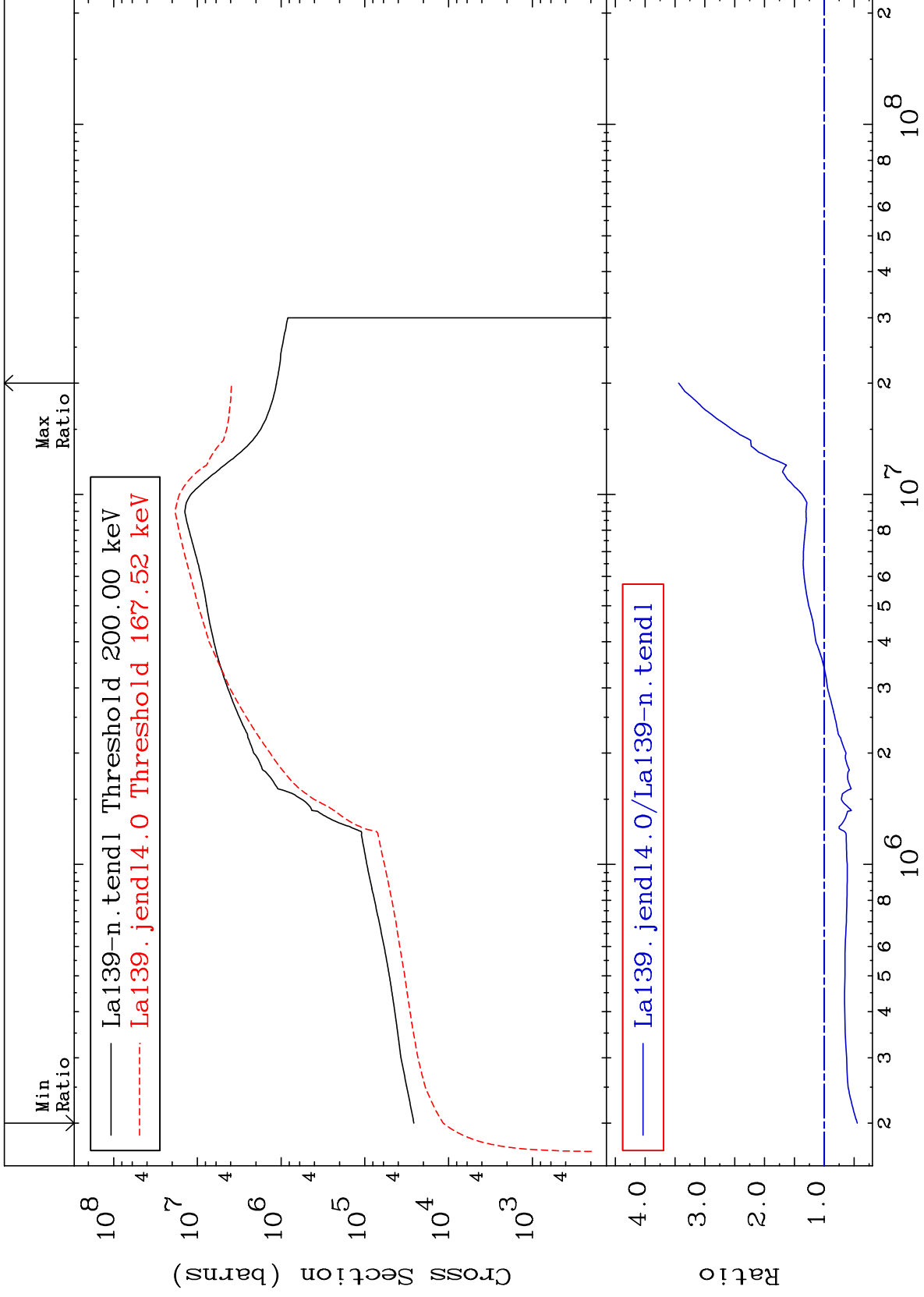




MAT 5728

Kerma inelastic (mt51-91)
Cross Section

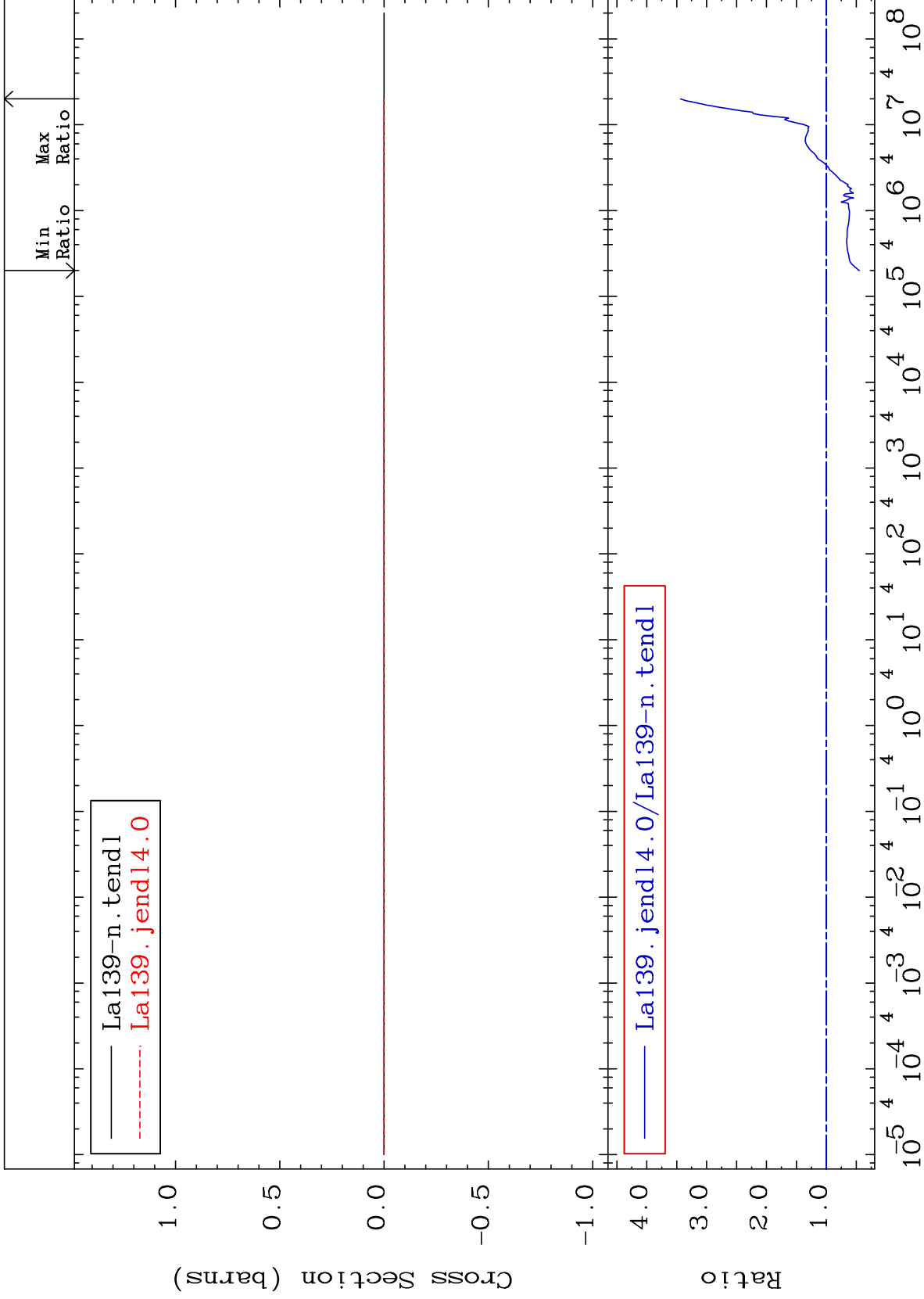
57-La-139
-55.22 To 243.9 %



MAT 5728

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

57-La-139
-55.22 To 243.9 %



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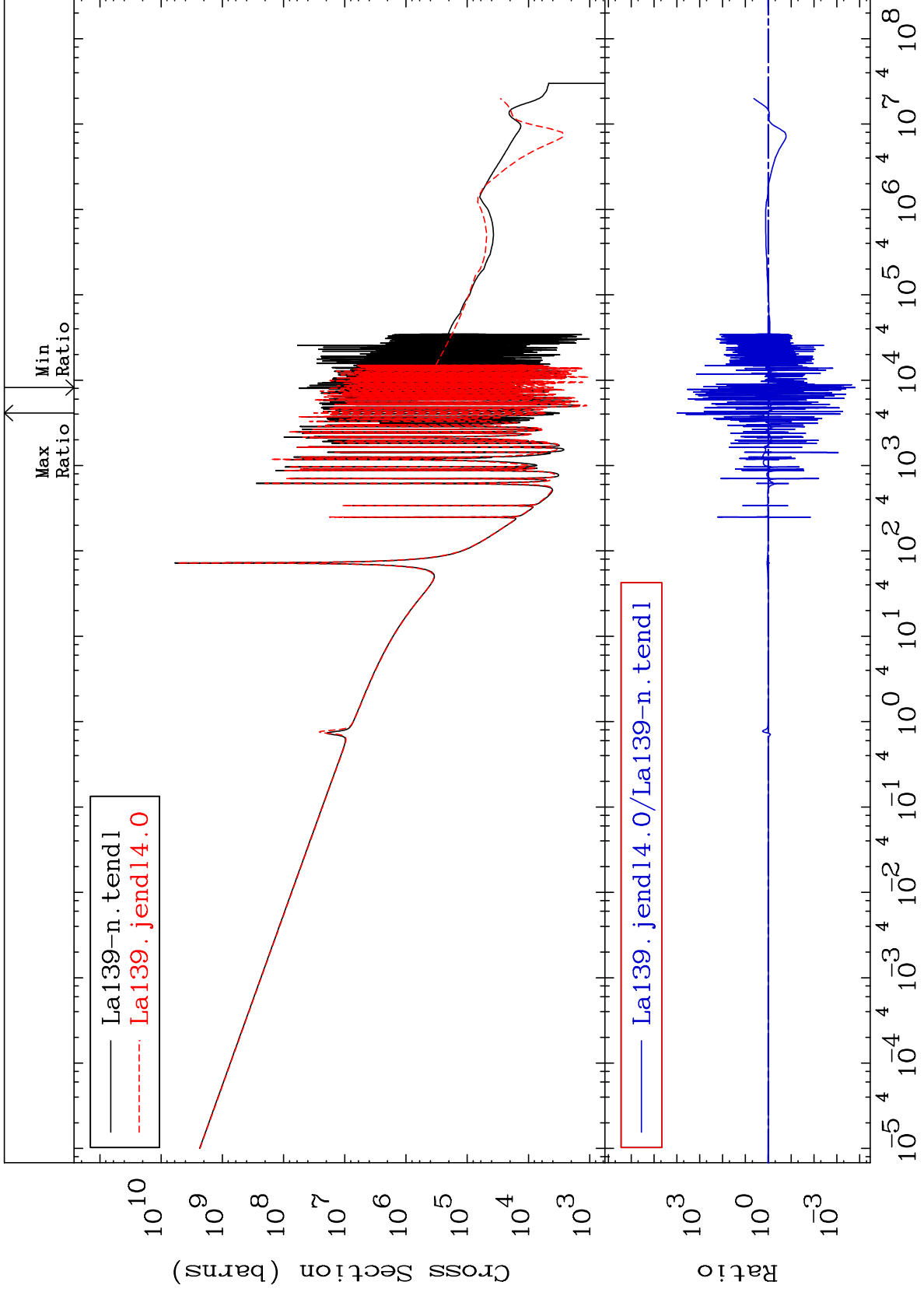
Incident Energy (eV)

57-La-139

MAT 5728

Kerma capture (mt102)
Cross Section

57-La-139
-99.98 To 9999. %



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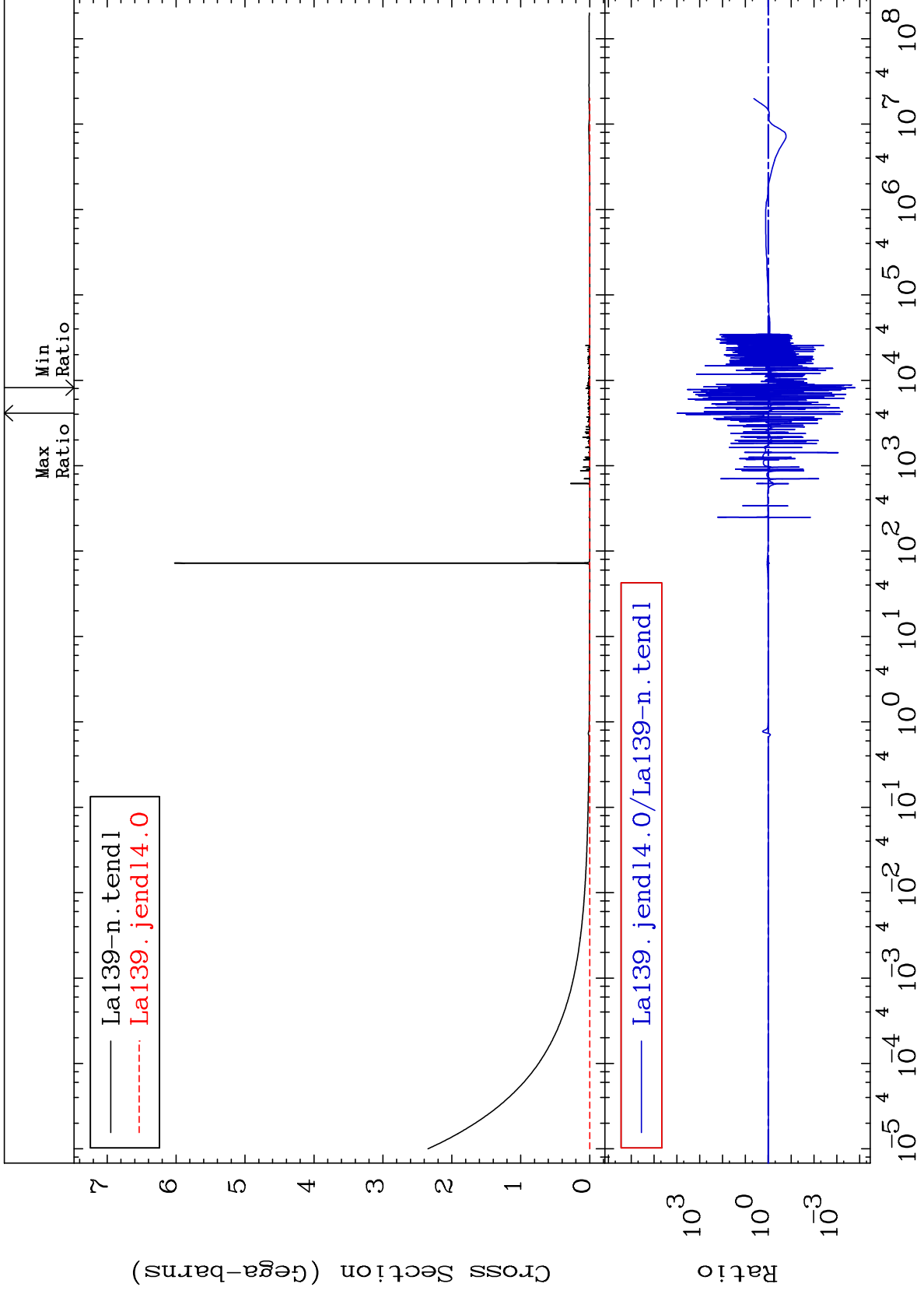
Incident Energy (eV)

57-La-139

MAT 5728

Total photon (eV-barns)
Cross Section

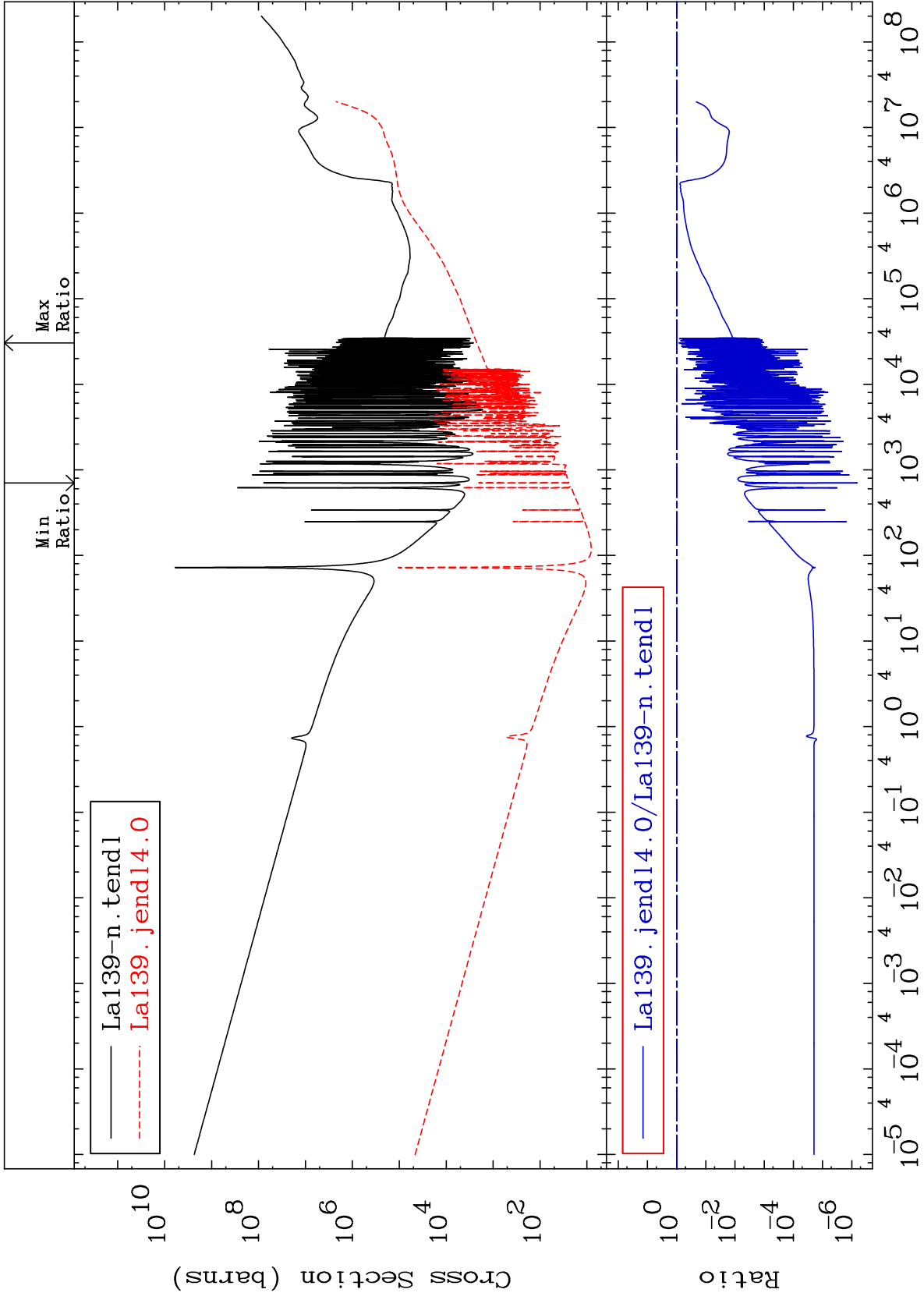
57-La-139
-99.98 To 9999. %



40

Incident Energy (eV)

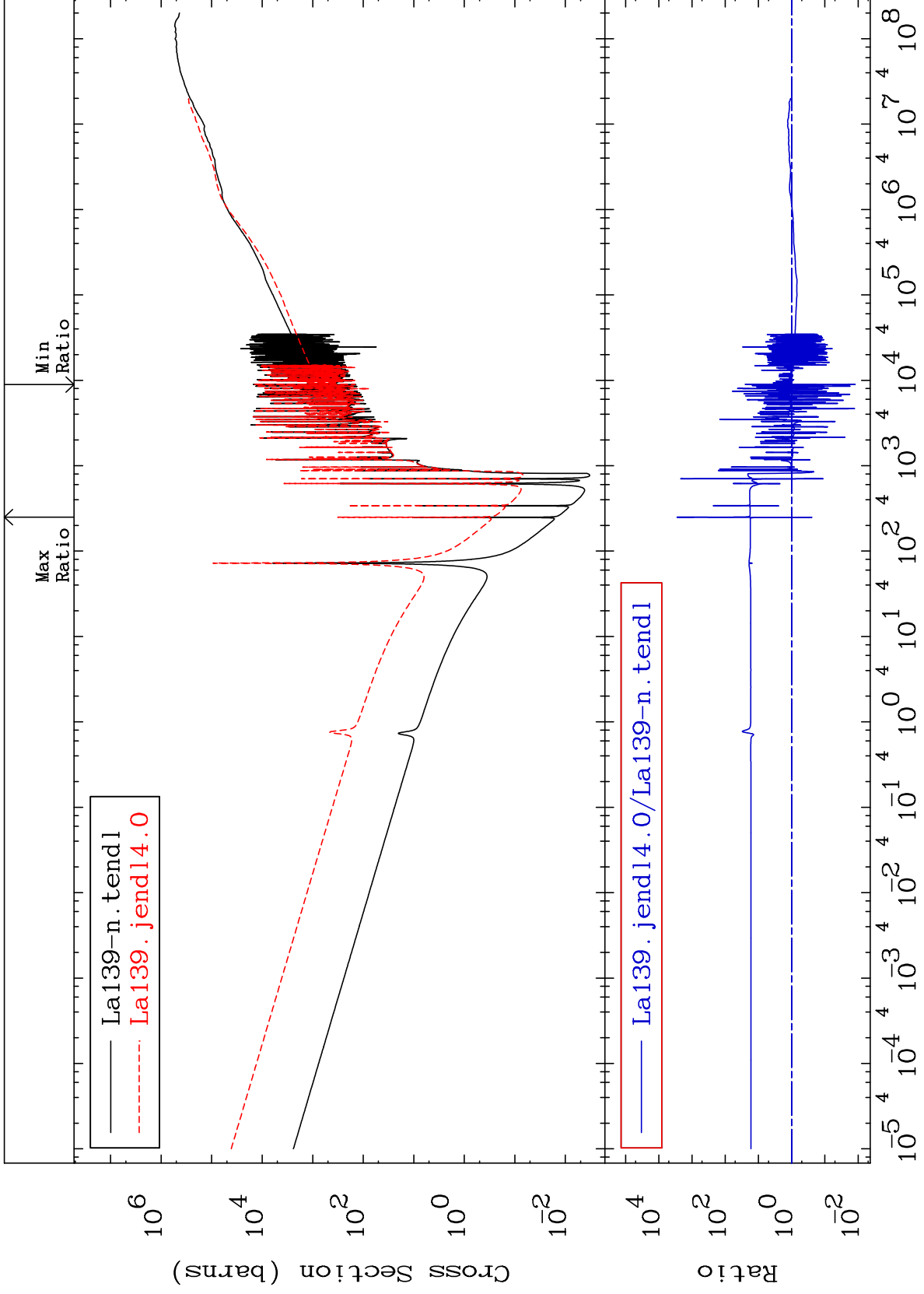
57-La-139



MAT 5728

Dpa total (eV-barns)
Cross Section

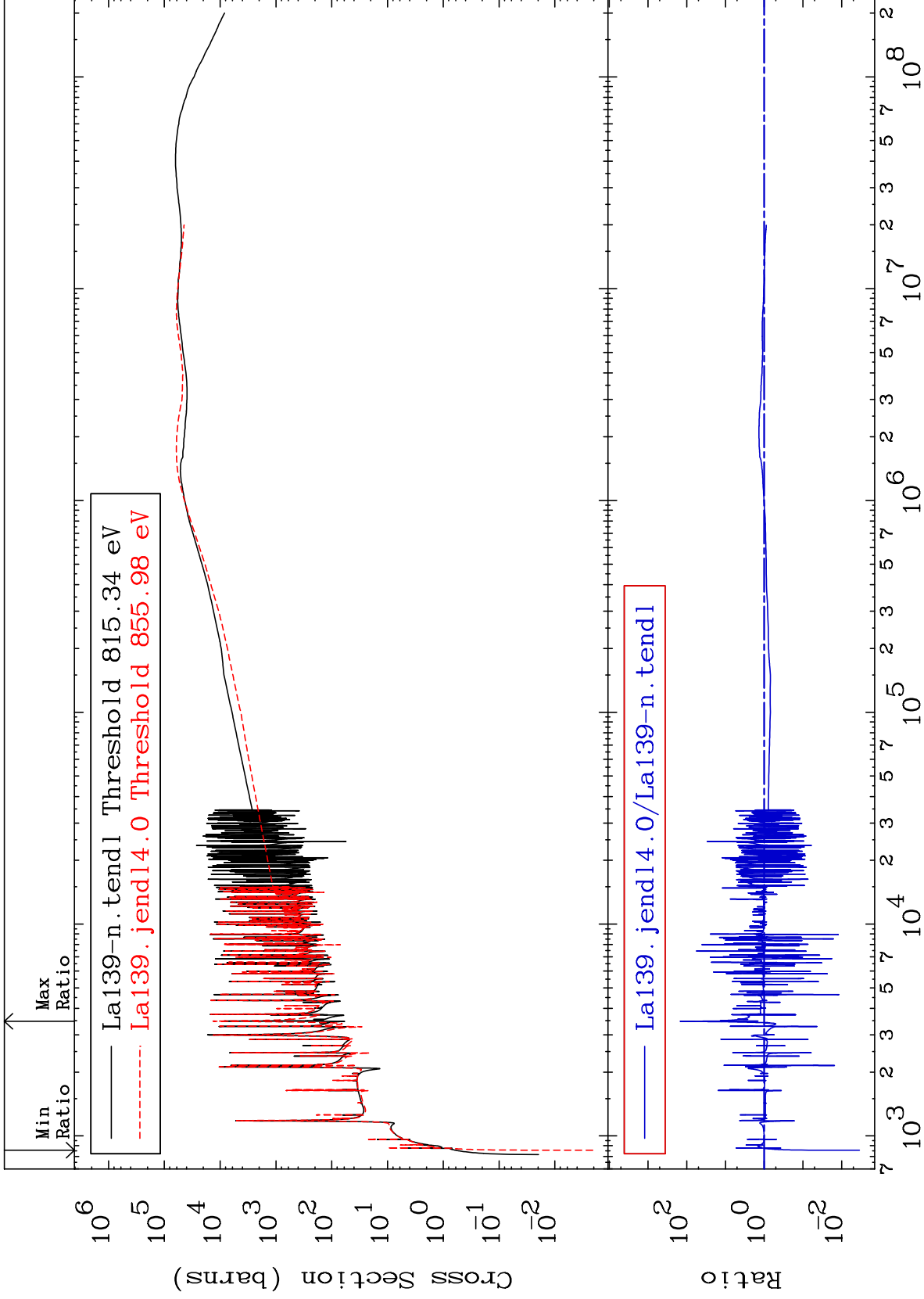
57-La-139
-98.77 To 9999. %



MAT 5728

Dpa elastic (mt2)
Cross Section

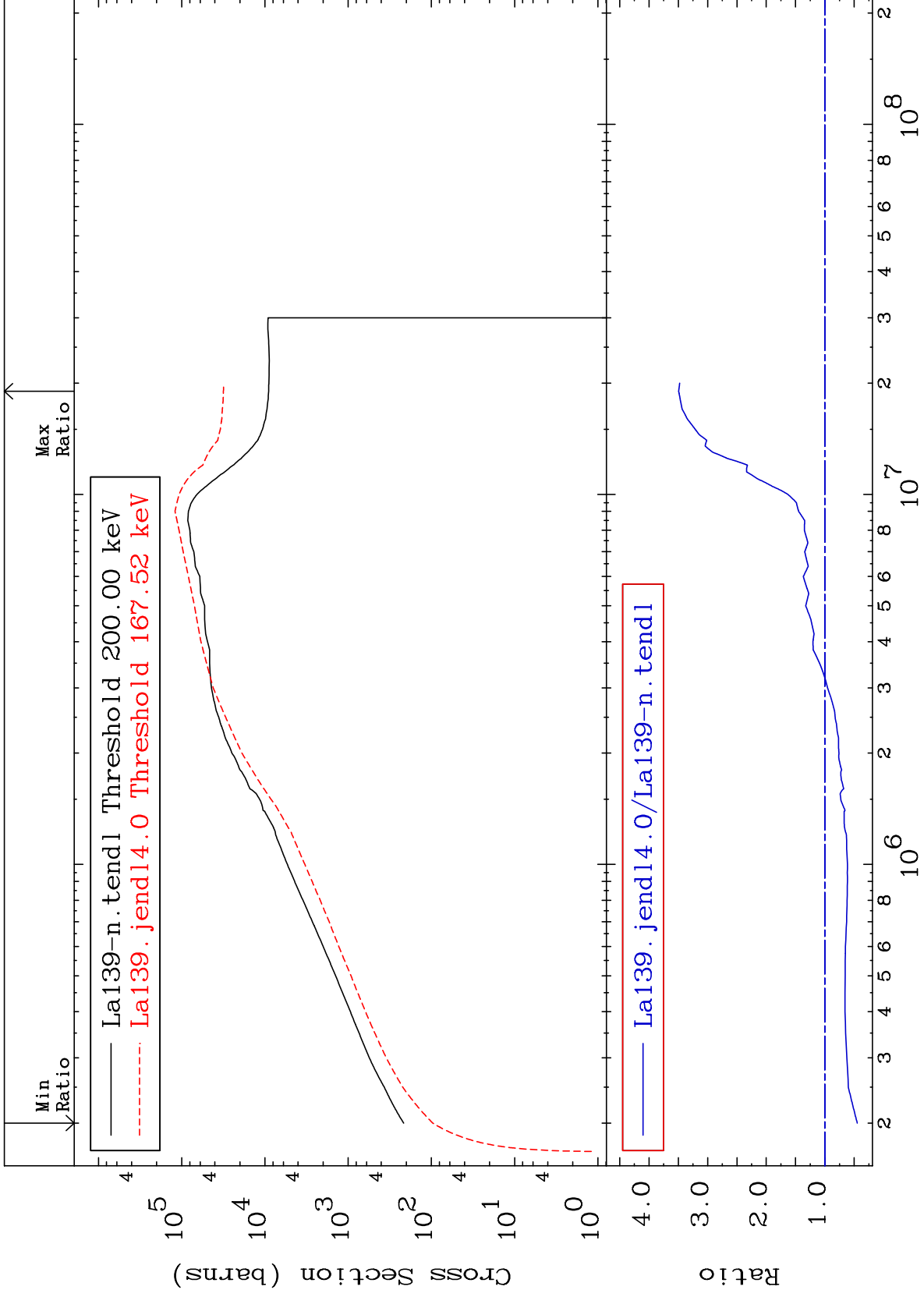
57-La-139
-99.65 To 9999. %



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Incident Energy (eV)

57-La-139



Cross Section

-99.59 To 9999. %

