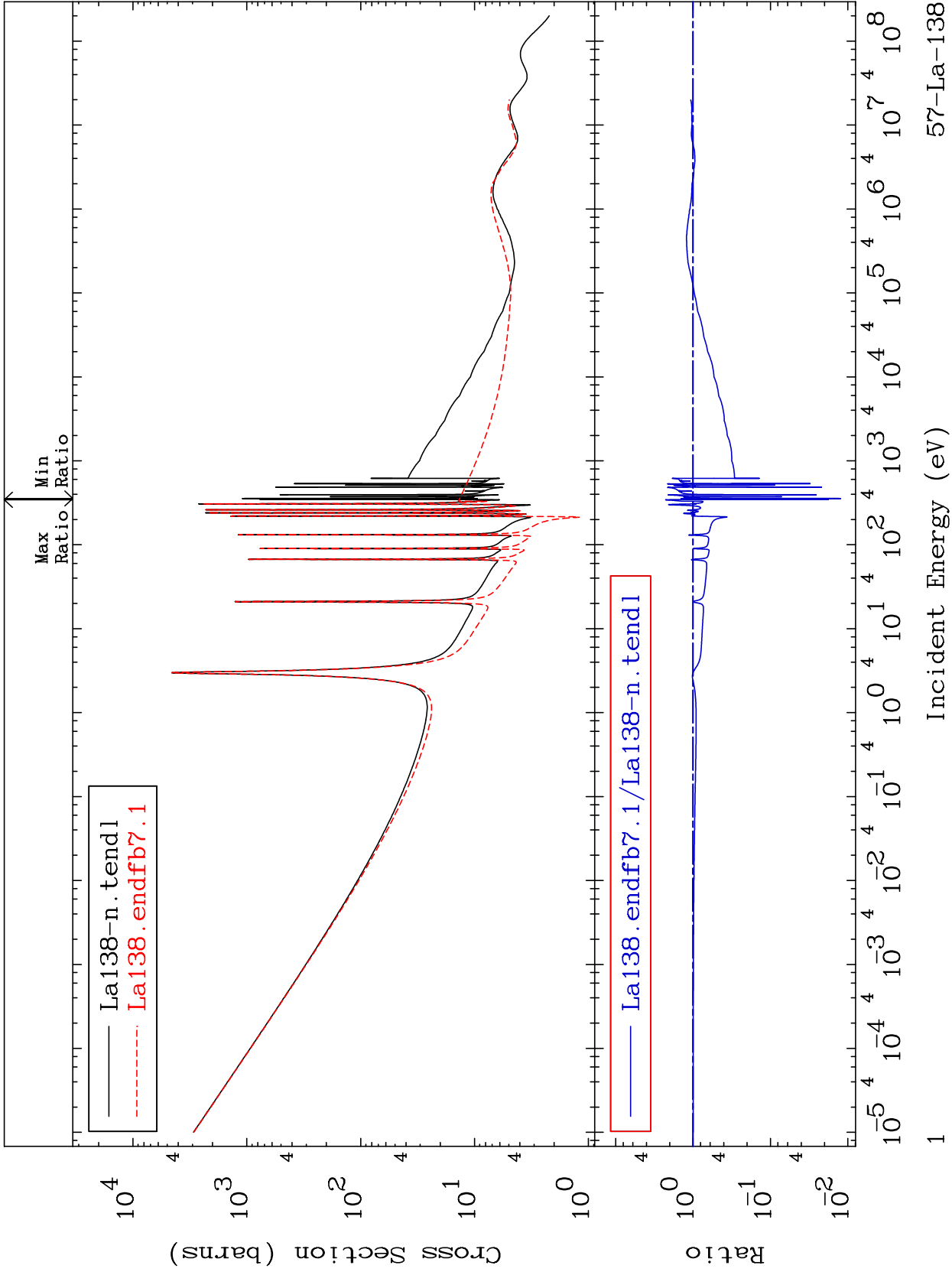


MAT 5725

Total
Cross Section

57-La-138
-98.76 To 126.9 %



57-La-138

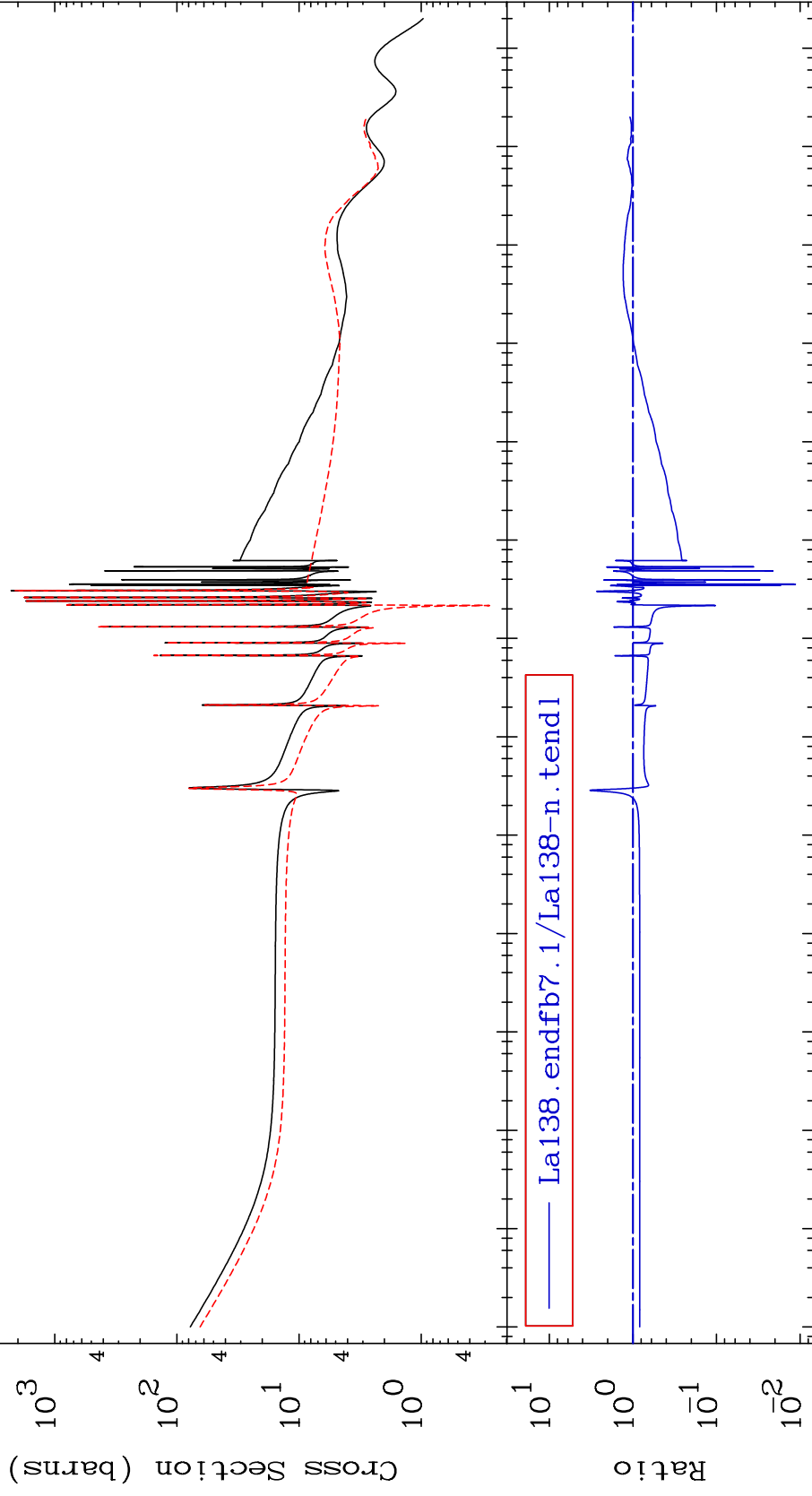
MAT 5725

Elastic
Cross Section

57-La-138
-98.86 To 226.1 %

— La138-n.tendl
- - - La138.endfb7.1

Max Ratio
Min Ratio

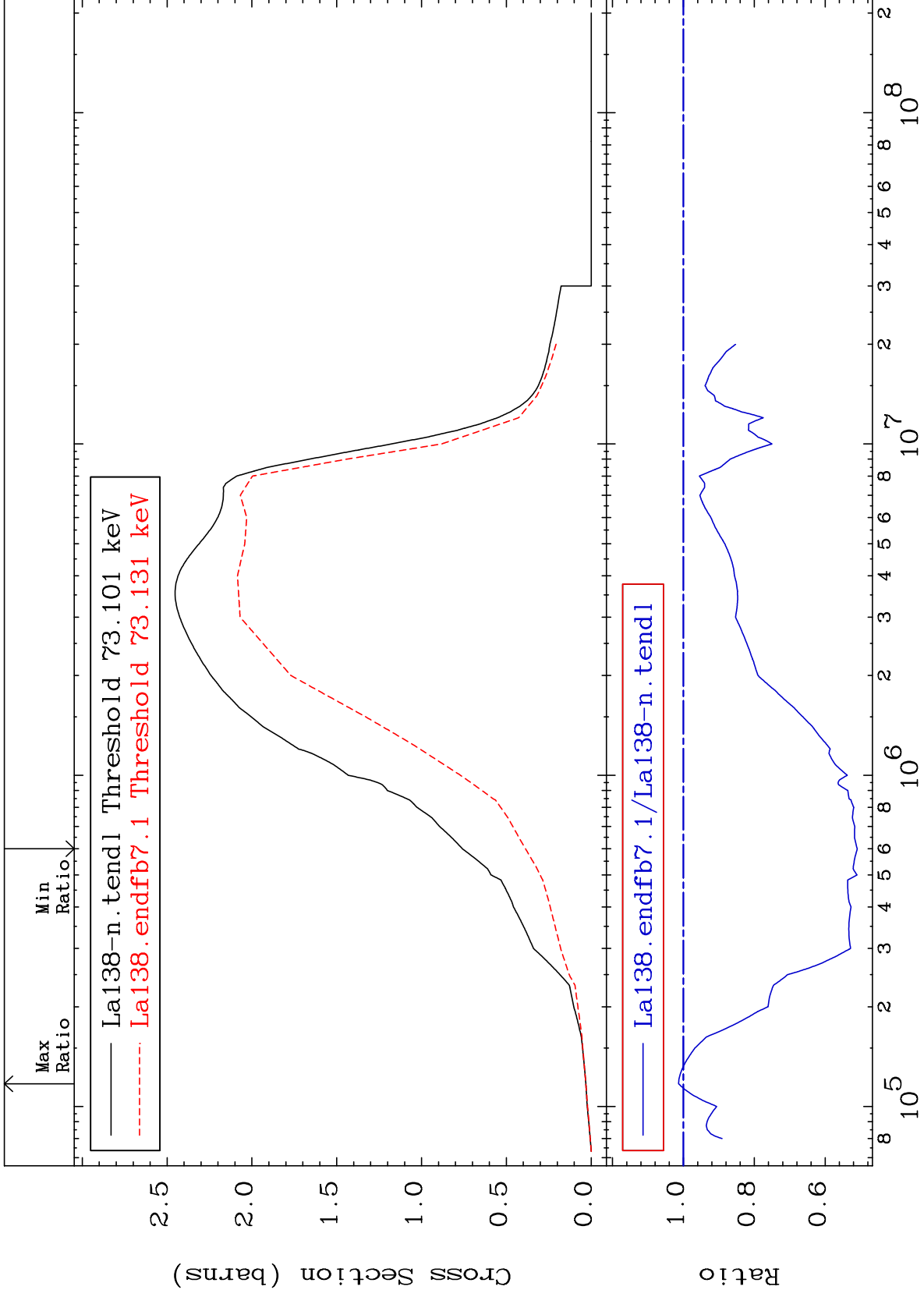


57-La-138

MAT 5725

Inelastic
Cross Section

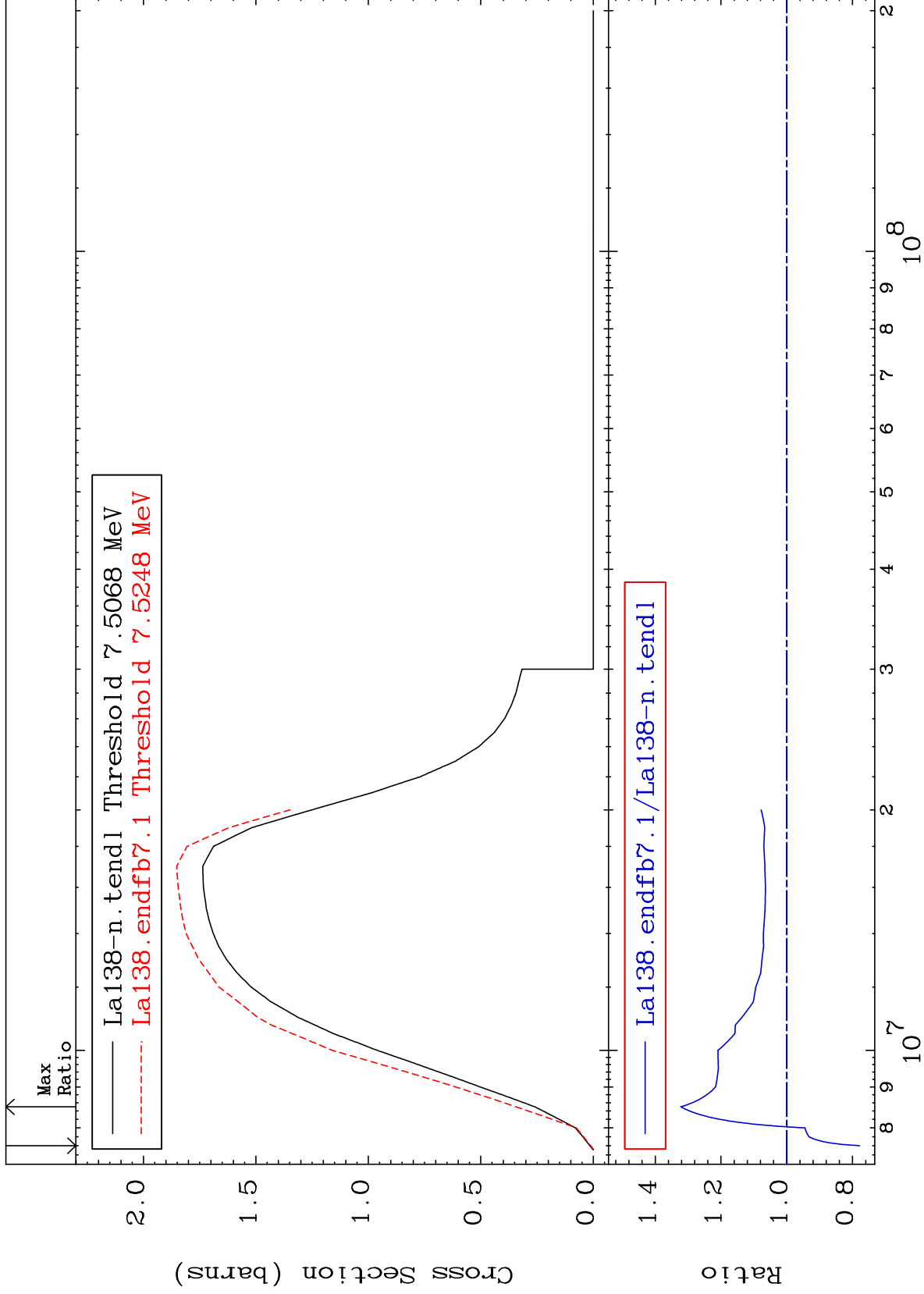
57-La-138
-49.03 To 1.356 %

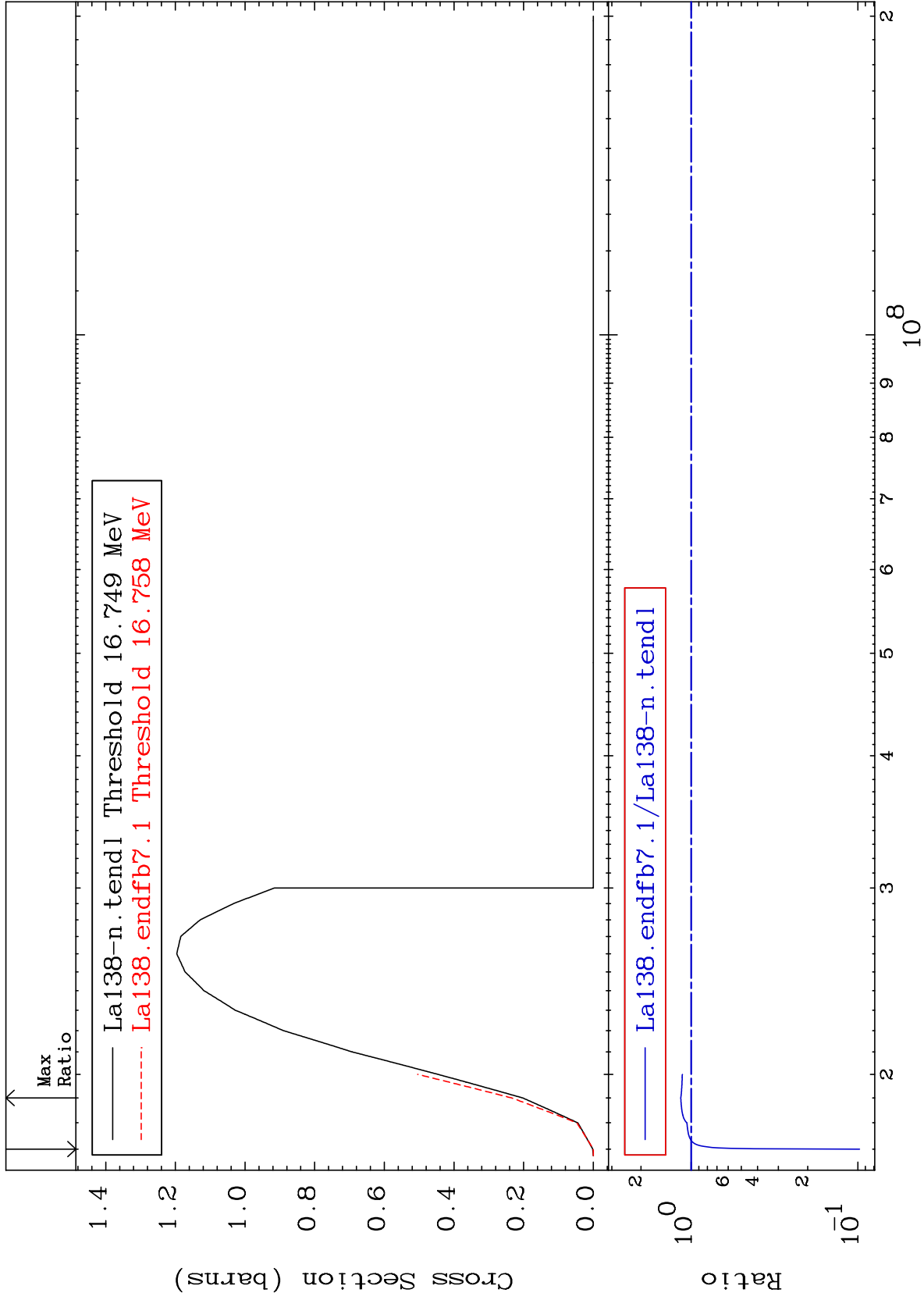


MAT 5725

(n,2n)
Cross Section

57-La-138
-22.13 To 32.24 %

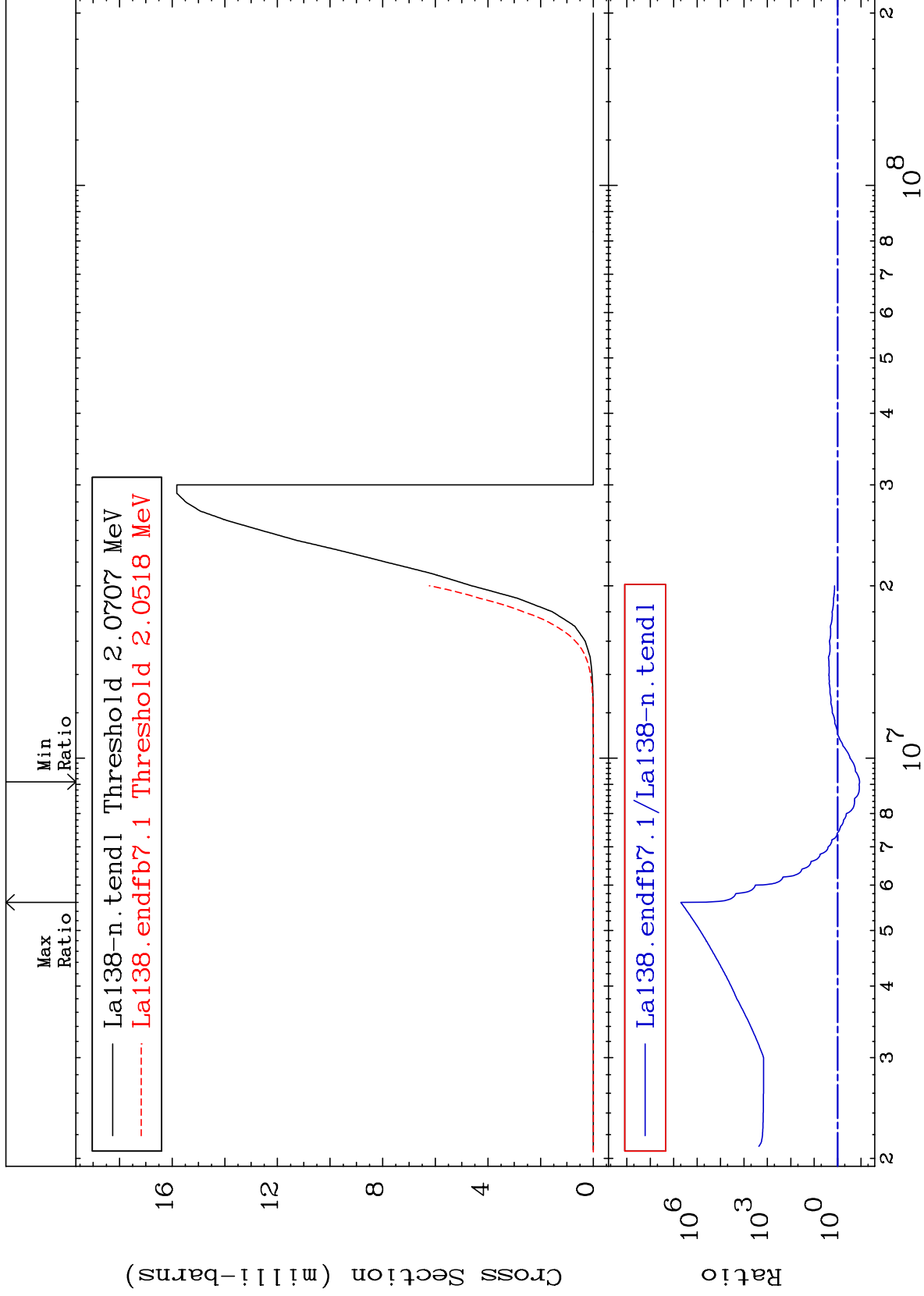




MAT 5725

(n, n') α
Cross Section

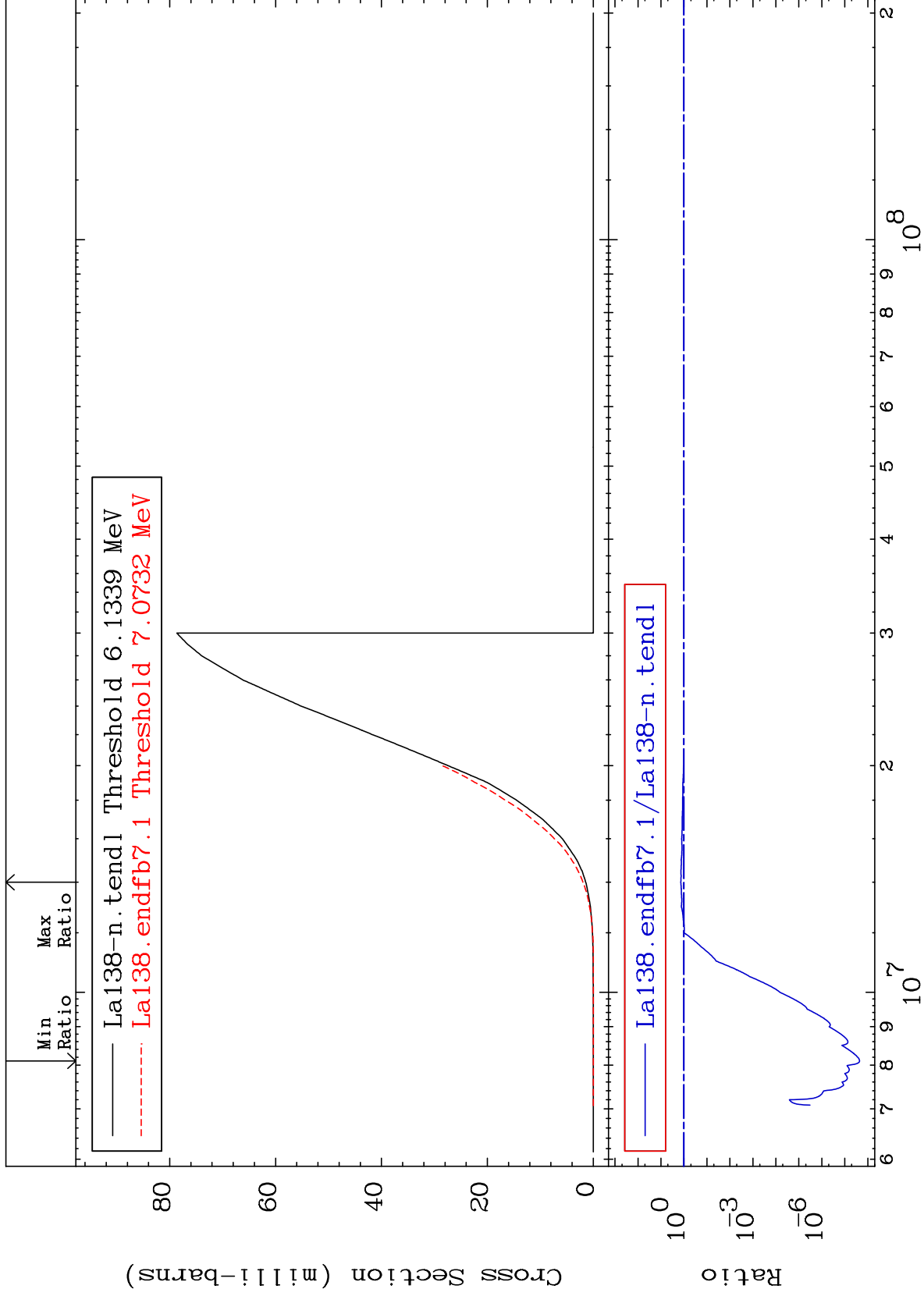
57-La-138
-88.43 To 9999. %



MAT 5725

(n,n') p
Cross Section

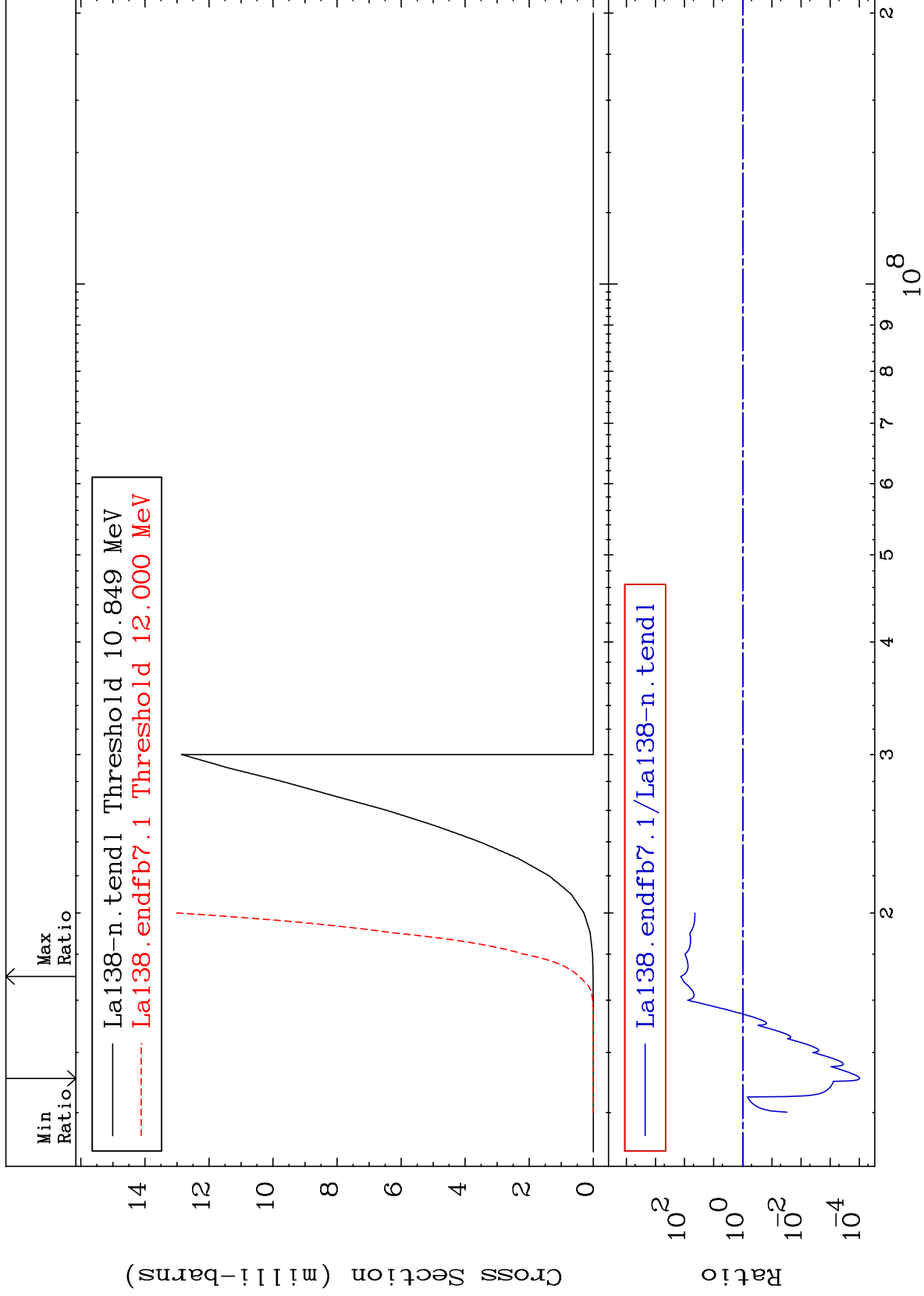
57-La-138
-100.0 To 37.51 %

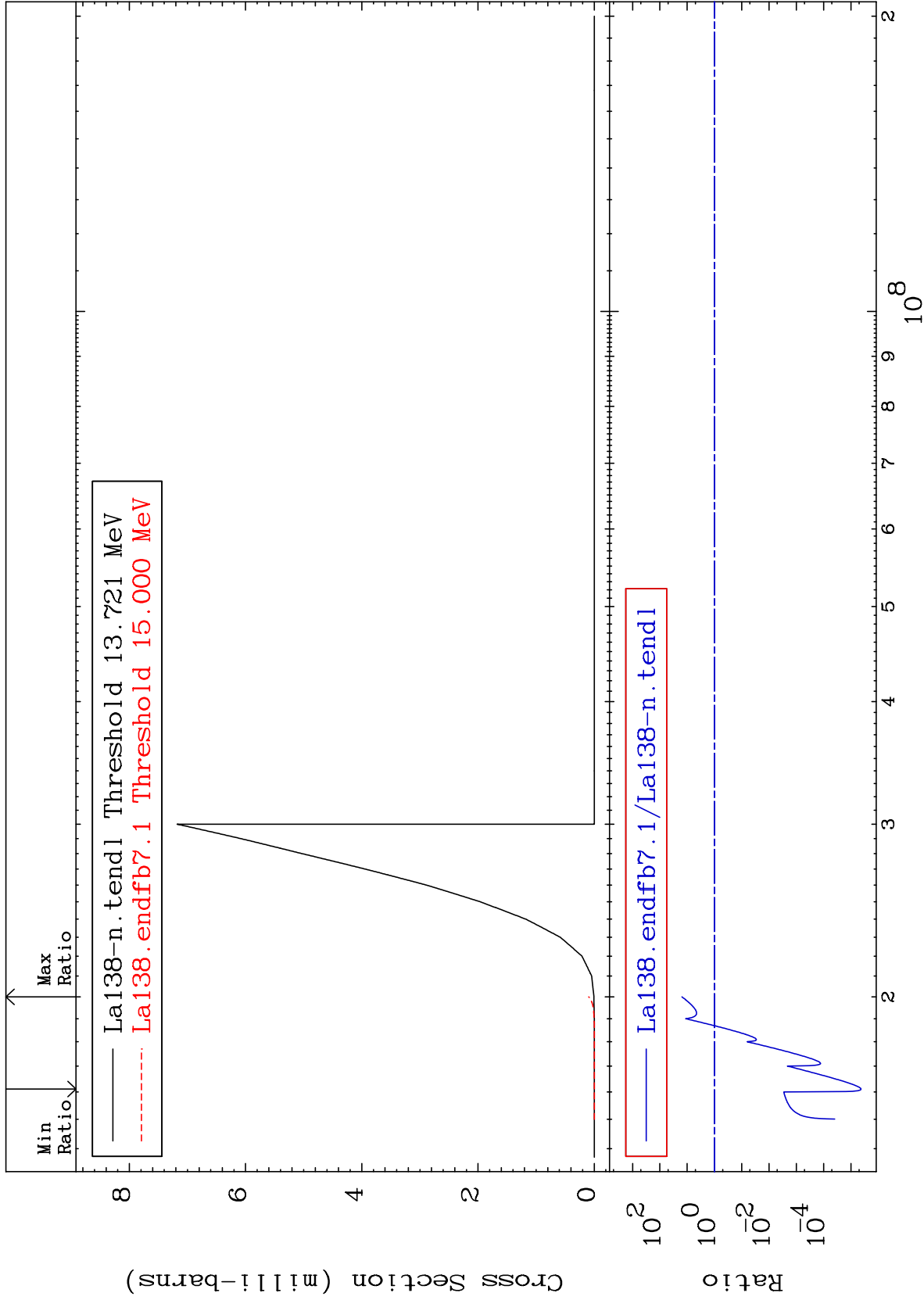


7

Incident Energy (eV)

57-La-138

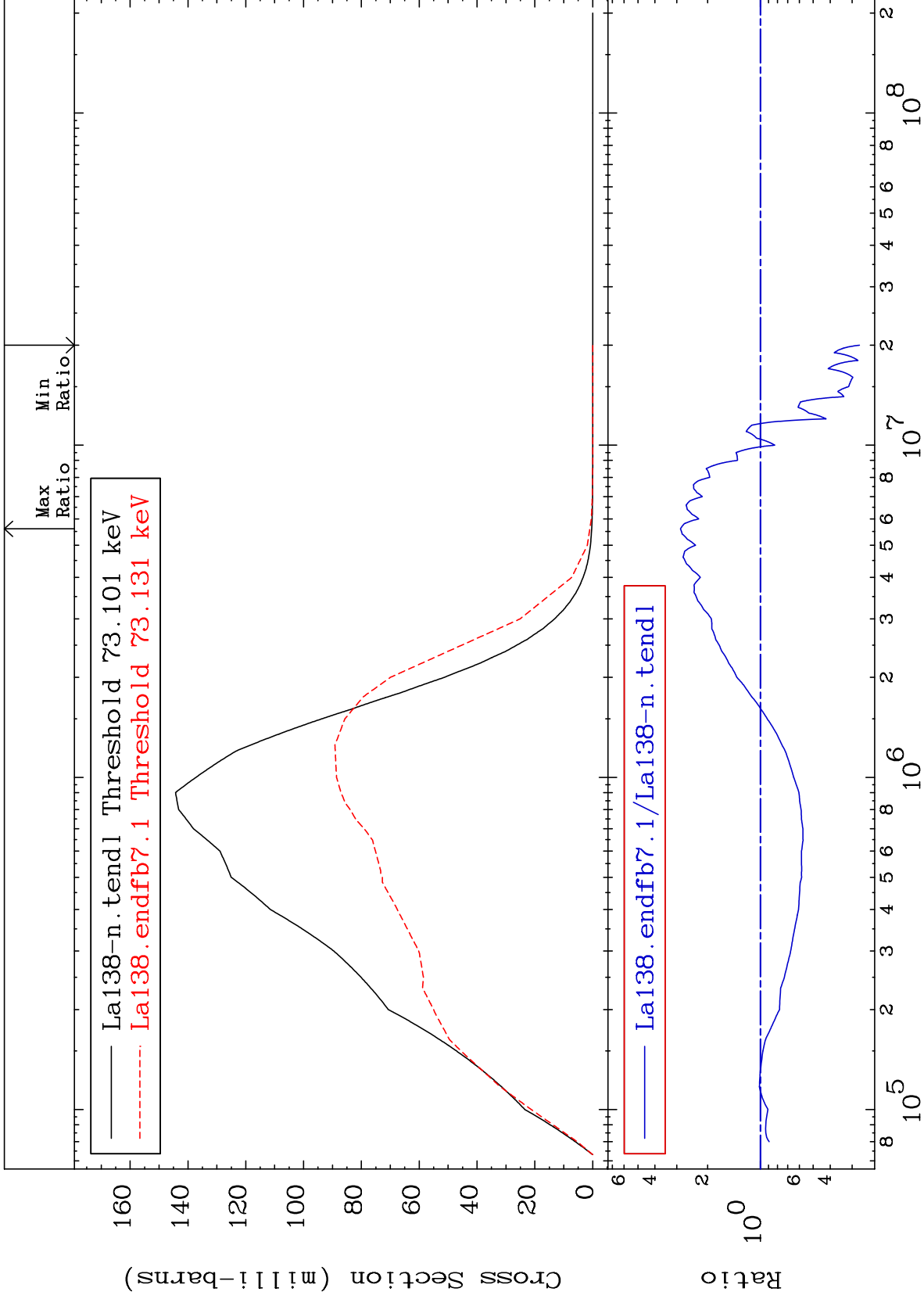




MAT 5725

72.57 keV (n,n') Level
Cross Section

57-La-138
-72.76 To 186.4 %

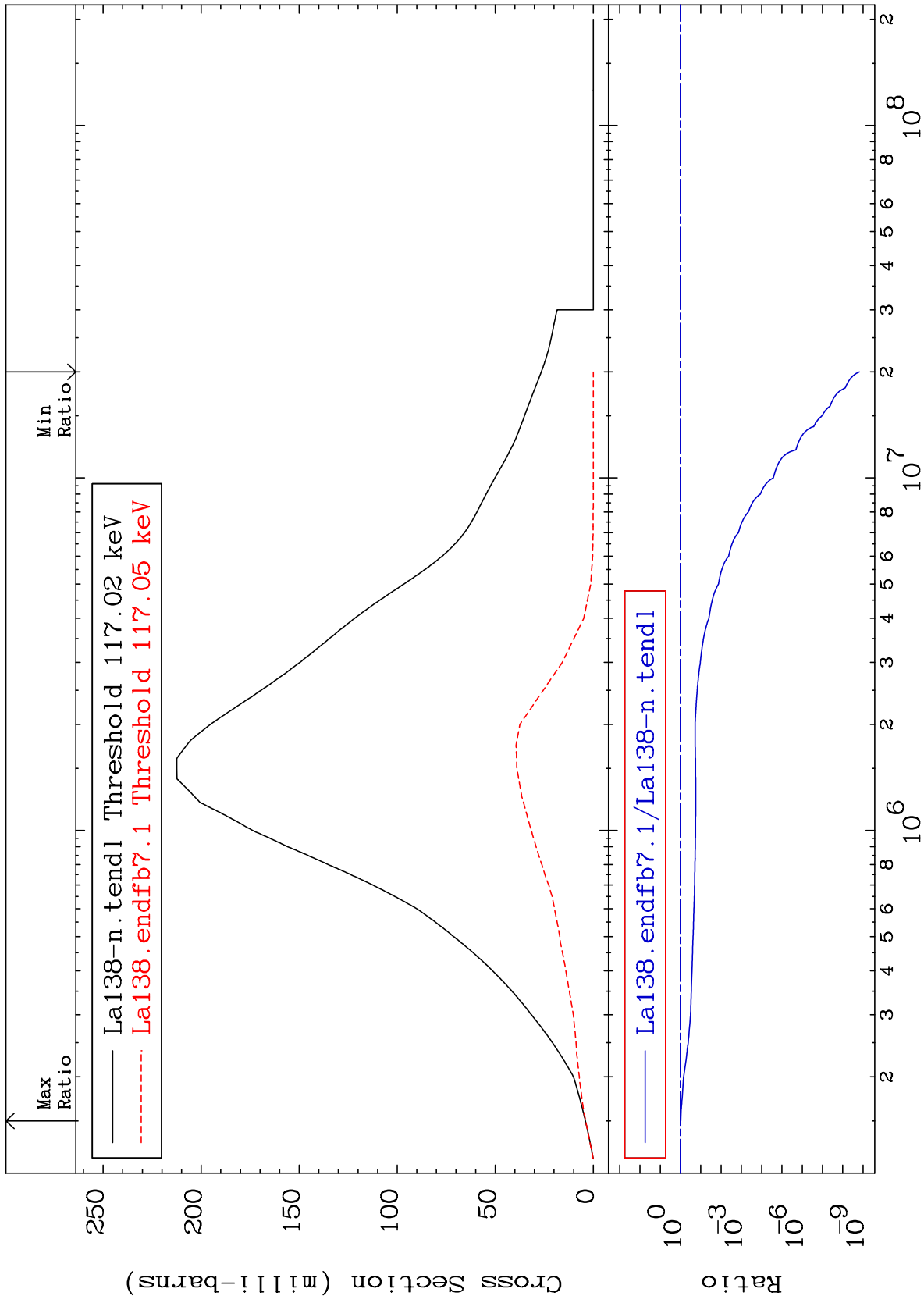


10

Incident Energy (eV)

57-La-138

MAT 5725 116.2 keV (n,n') Level 57-La-138
 Cross Section -100.0 To -2.937%



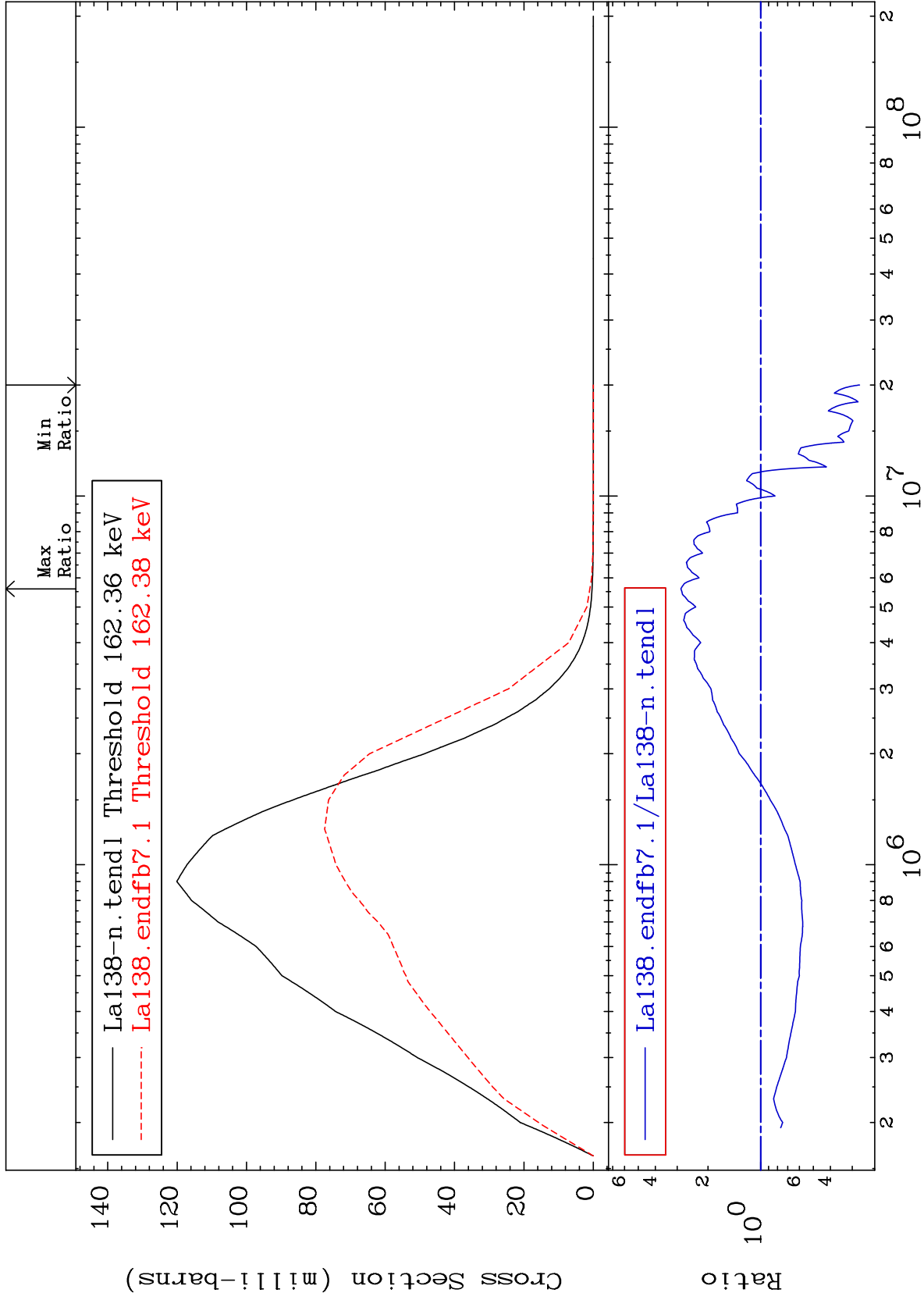
MAT 5725

161.2 keV (n,n') Level

57-La-138

-72.78 To 186.0 %

Cross Section



12

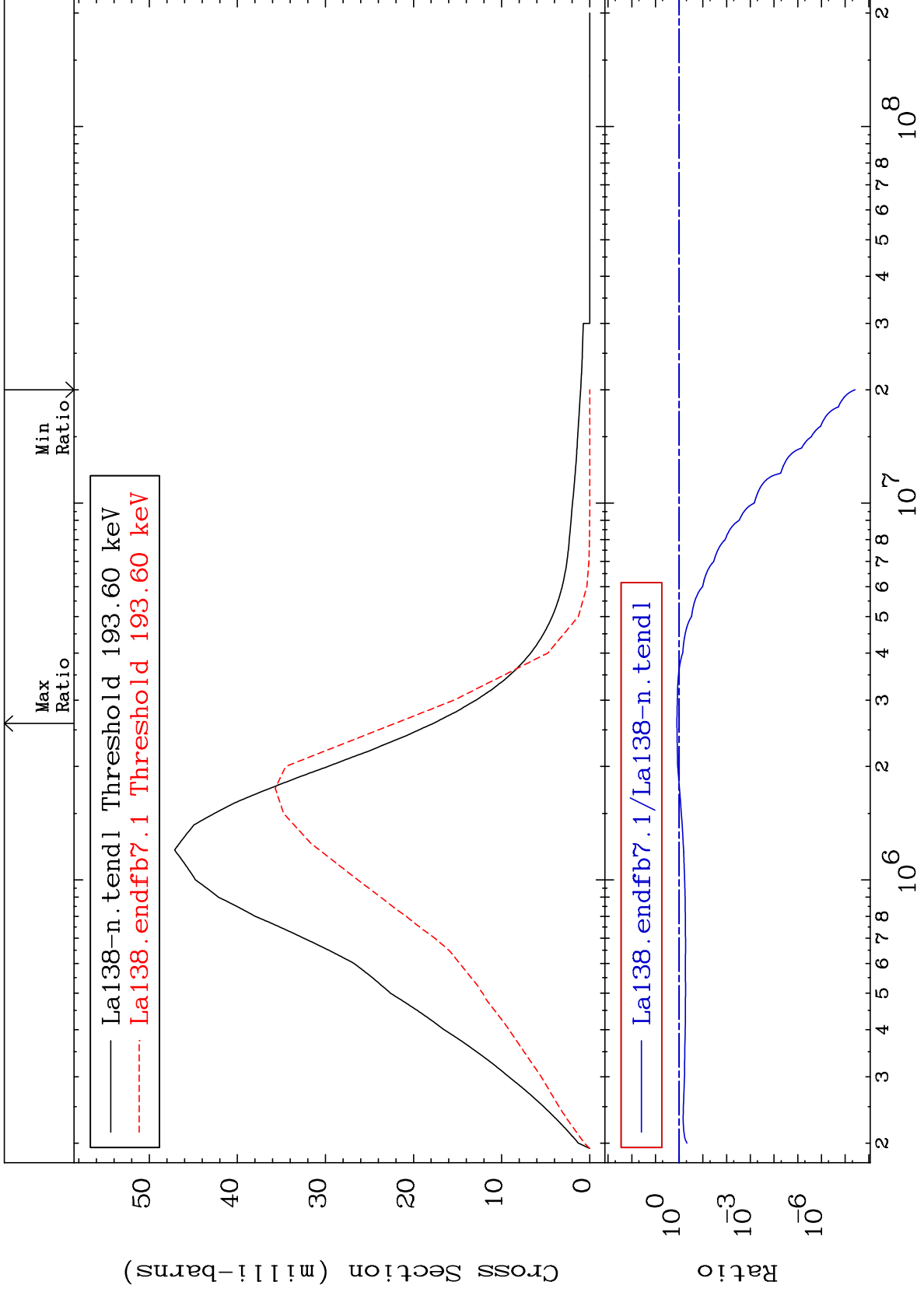
Incident Energy (eV)

57-La-138

MAT 5725

192.2 keV (n,n') Level
Cross Section

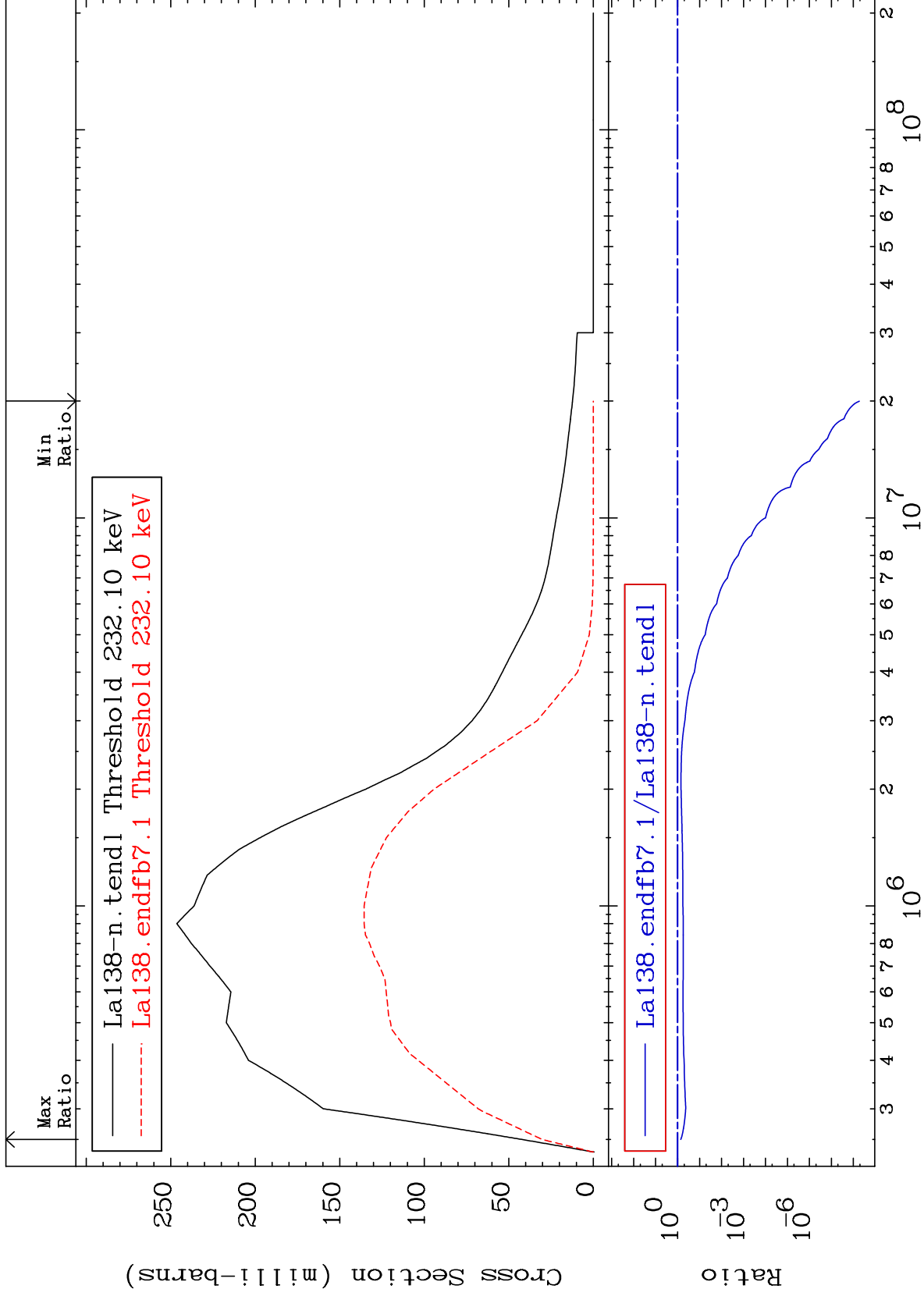
57-La-138
-100.0 To 24.58 %



MAT 5725

230.4 keV (n,n') Level
Cross Section

57-La-138
-100.0 To -28.27%



14

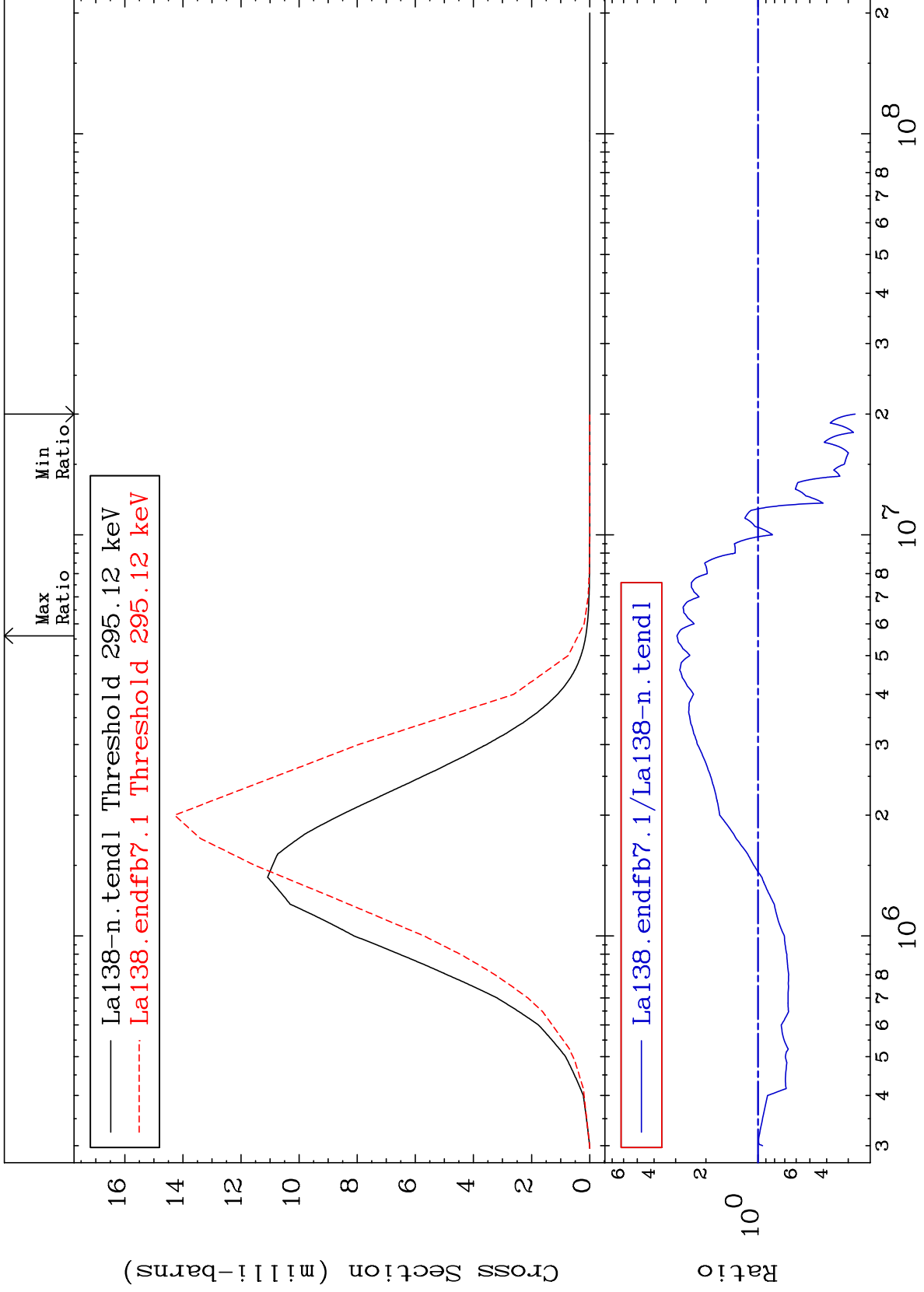
Incident Energy (eV)

57-La-138

MAT 5725

293.0 keV (n,n') Level
Cross Section

57-La-138
-72.65 To 194.7 %



15

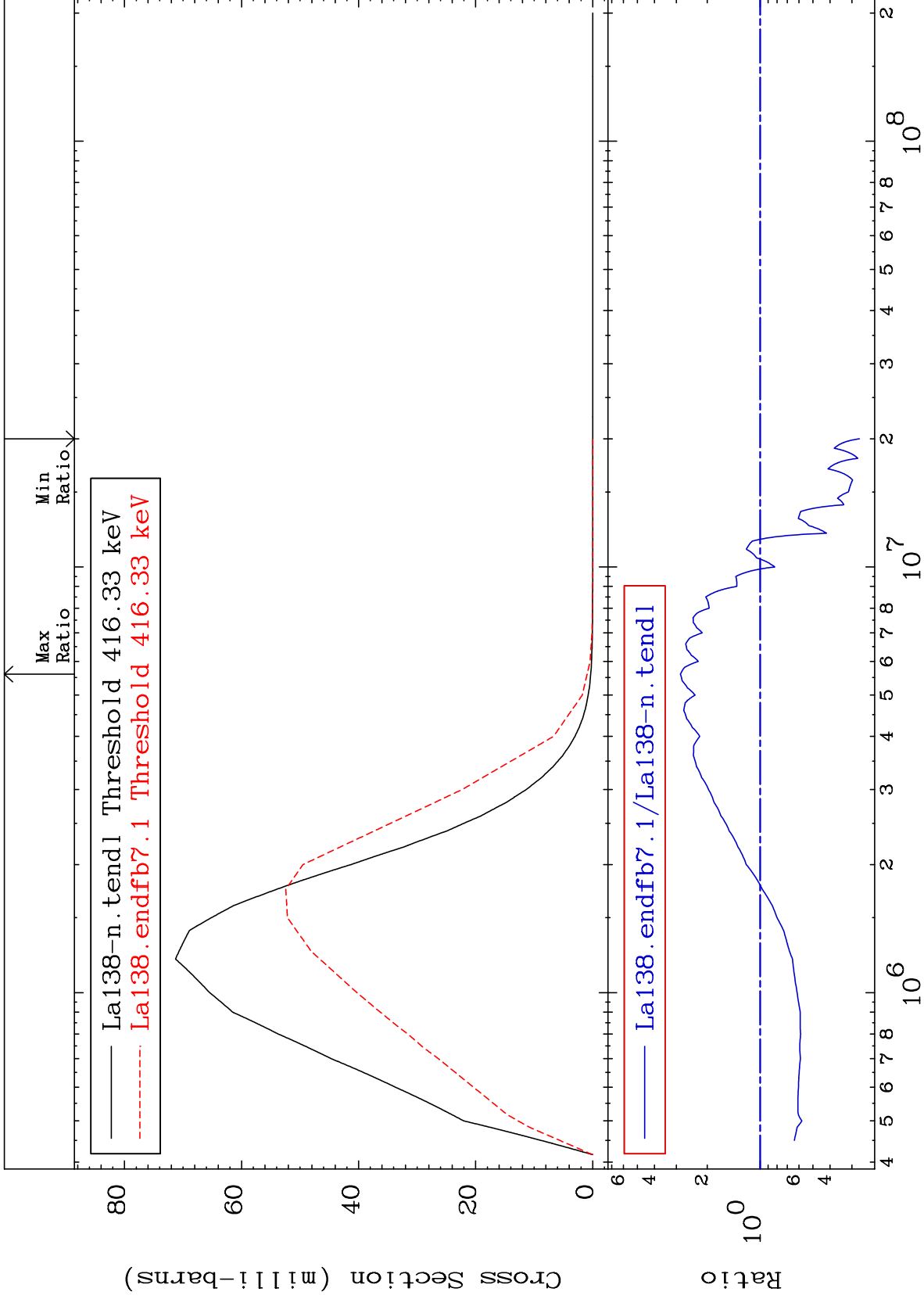
Incident Energy (eV)

57-La-138

MAT 5725

413.3 keV (n,n') Level
Cross Section

57-La-138
-72.82 To 184.5 %



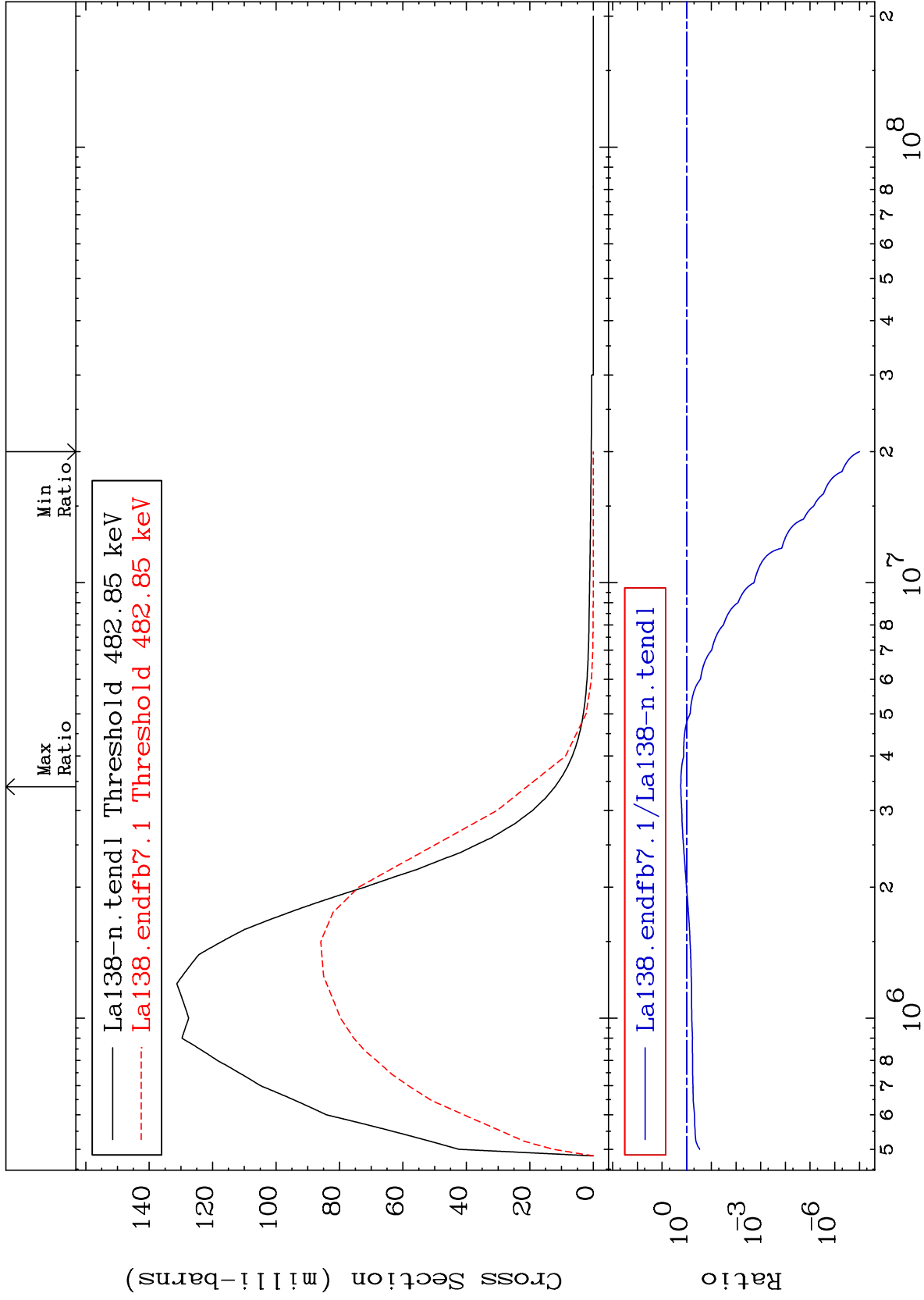
MAT 5725

479.3 keV (n,n') Level

57-La-138

-100.0 To 73.79 %

Cross Section



17

Incident Energy (eV)

57-La-138

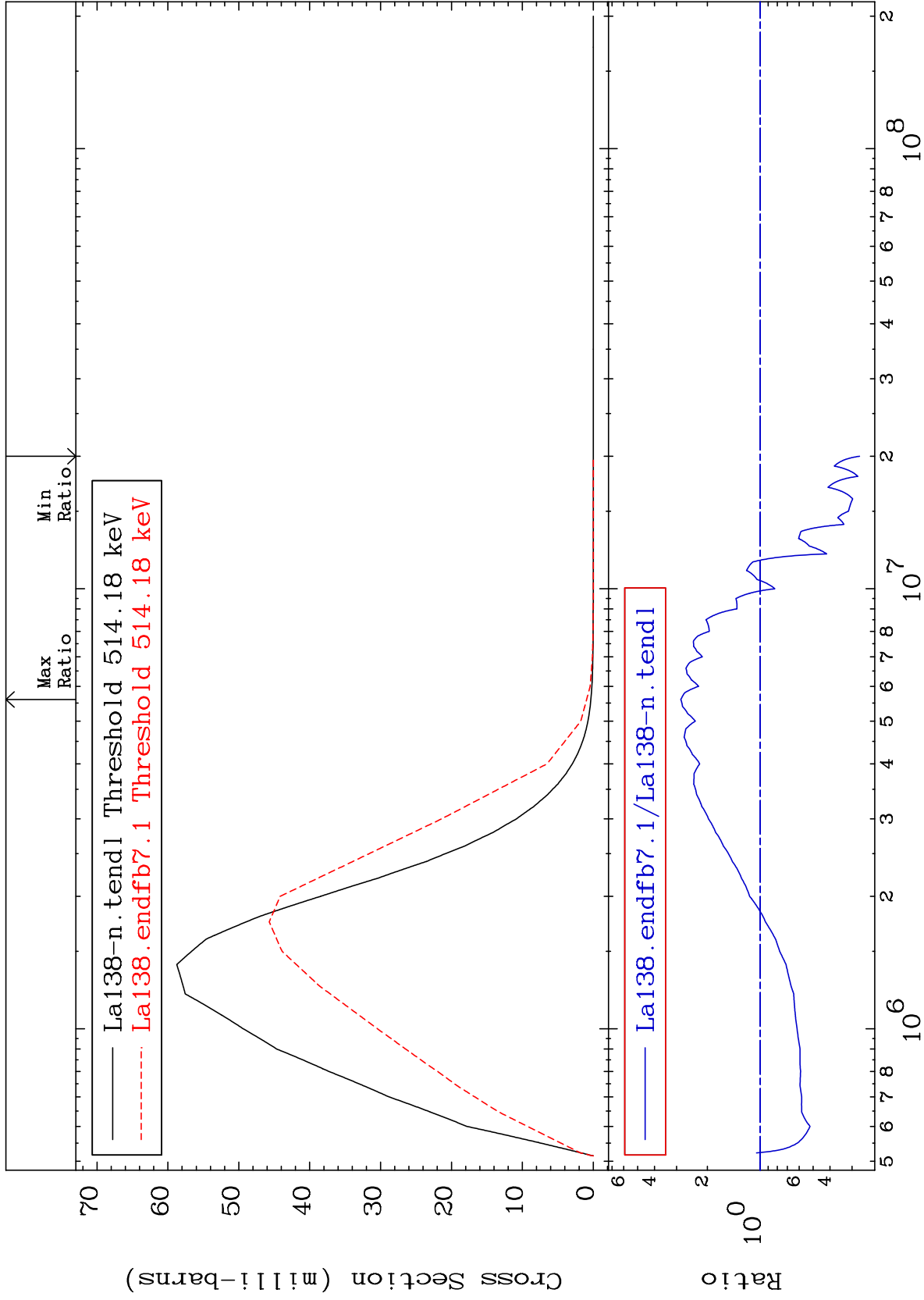
MAT 5725

510.4 keV (n,n') Level

57-La-138

-72.84 To 183.7 %

Cross Section



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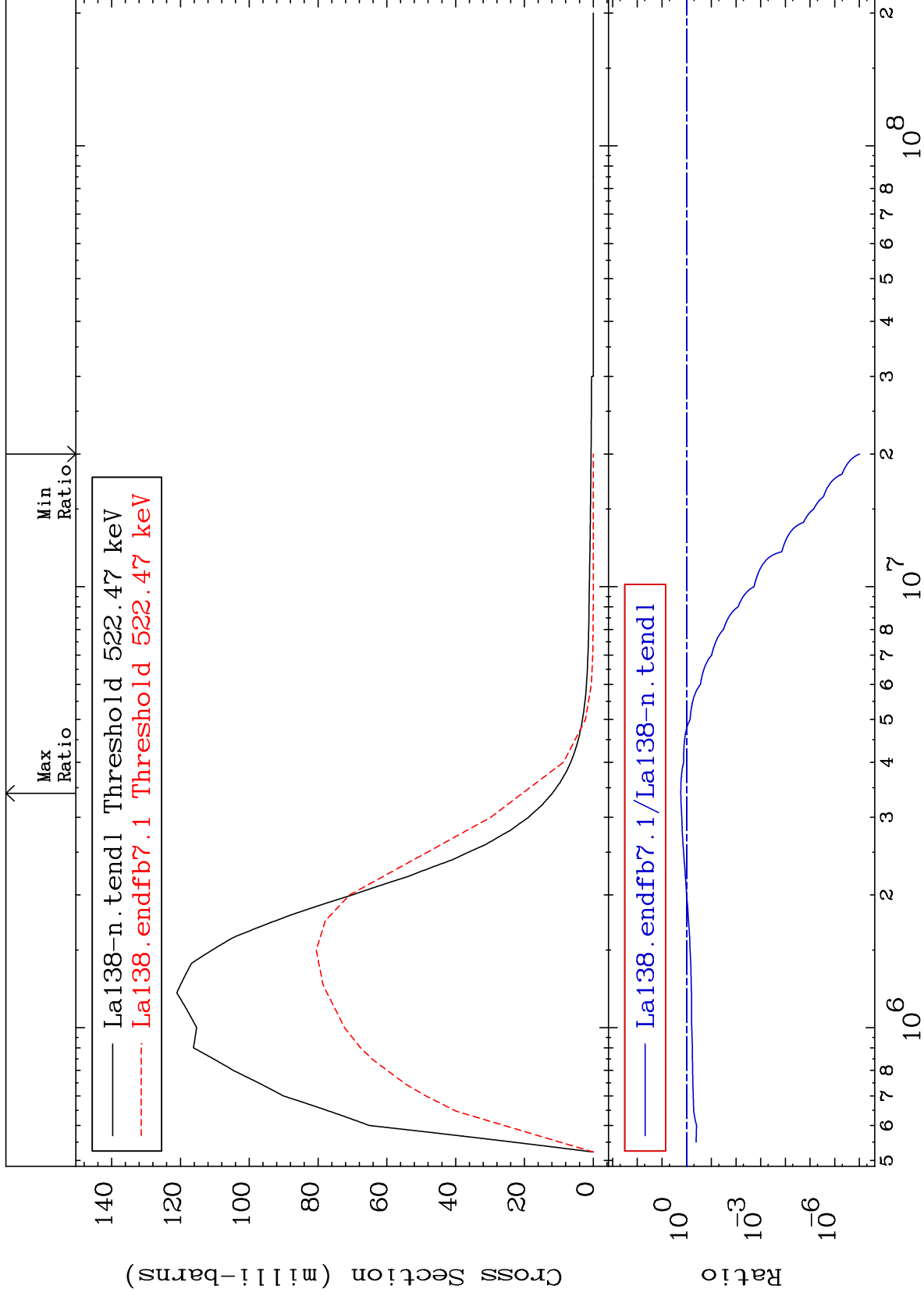
Incident Energy (eV)

57-La-138

MAT 5725

518.7 keV (n,n') Level
Cross Section

57-La-138
-100.0 To 73.39 %



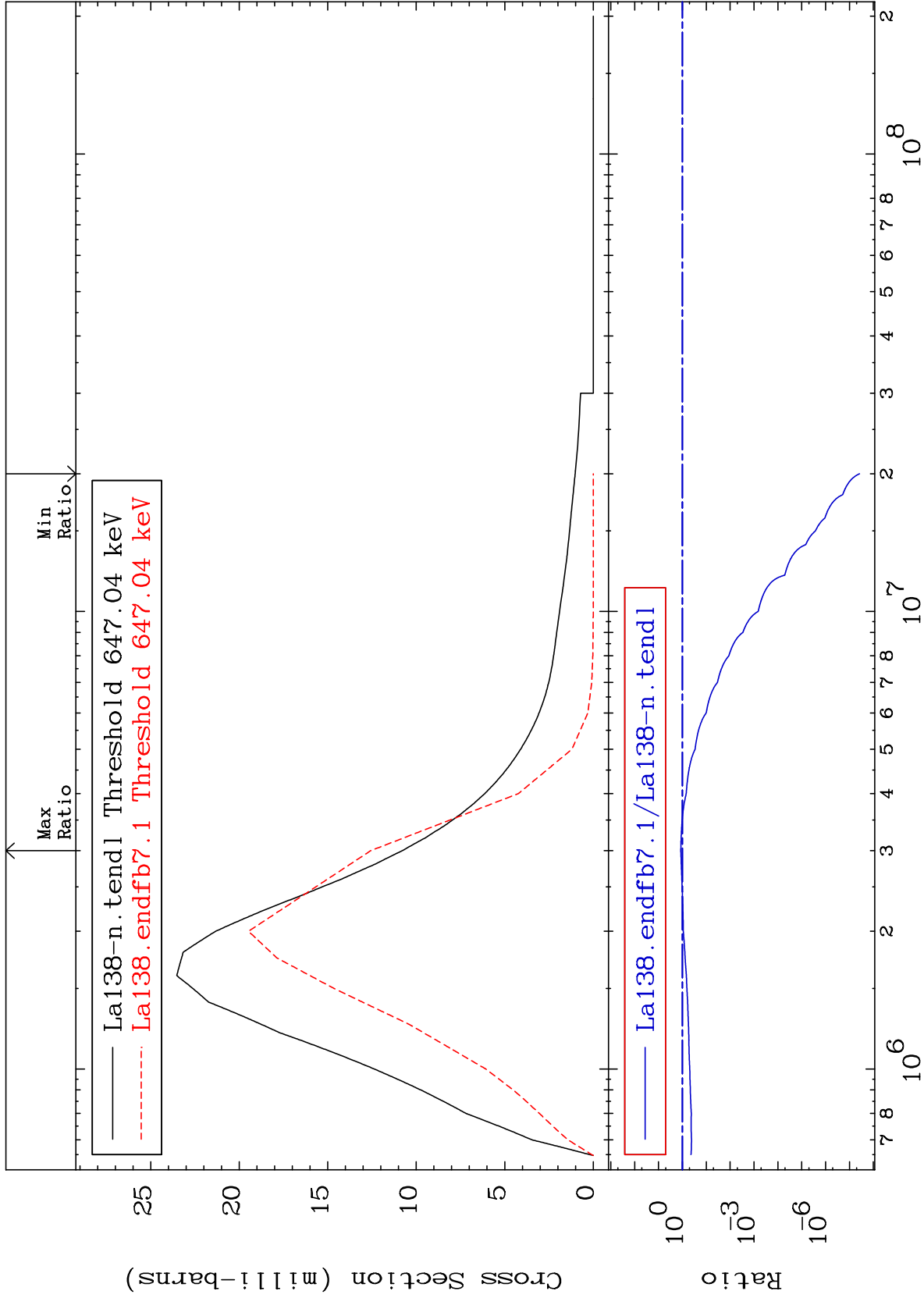
MAT 5725

642.3 keV (n,n') Level

57-La-138

-100.0 To 16.58 %

Cross Section



20

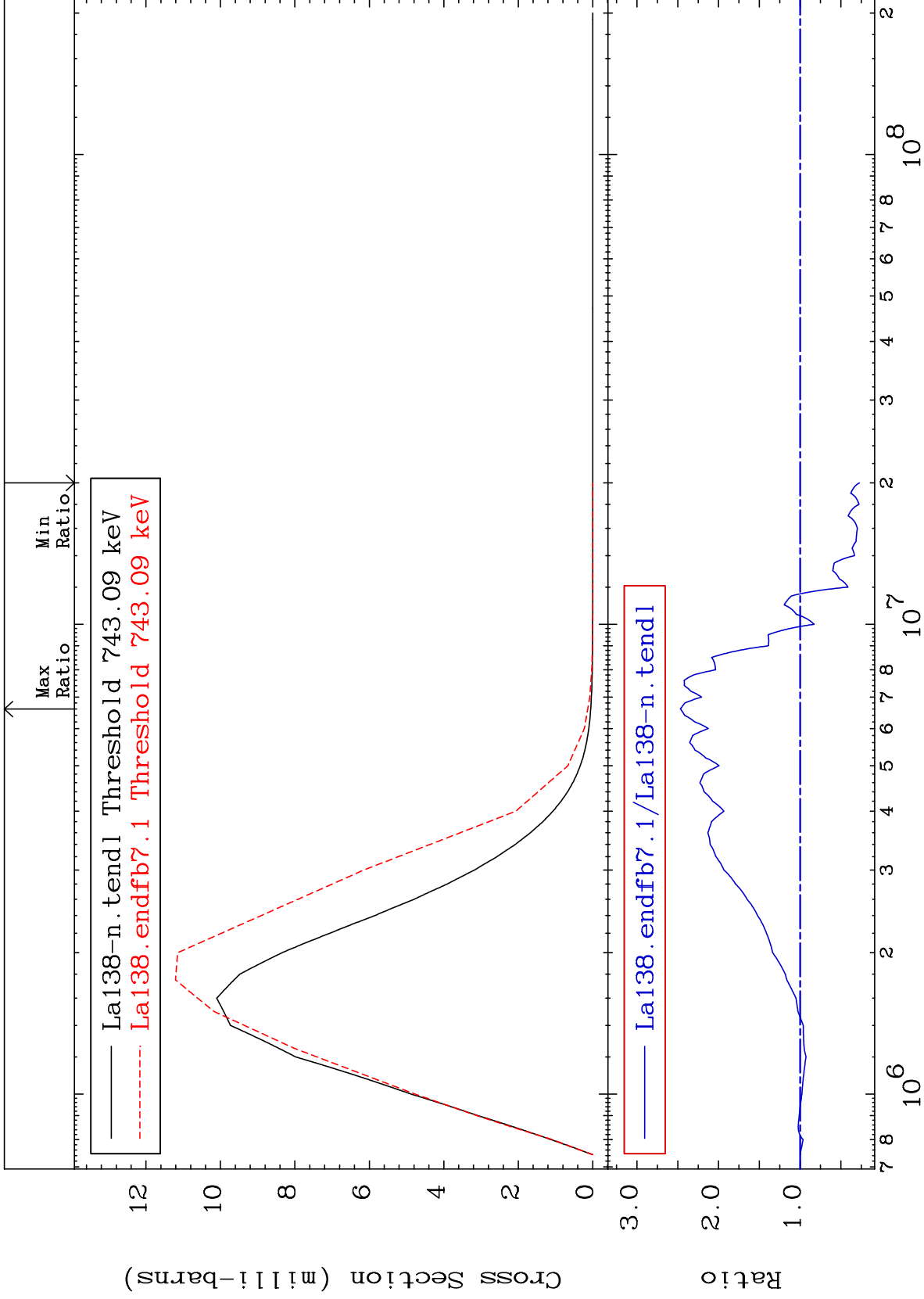
Incident Energy (eV)

57-La-138

MAT 5725

737.7 keV (n,n') Level
Cross Section

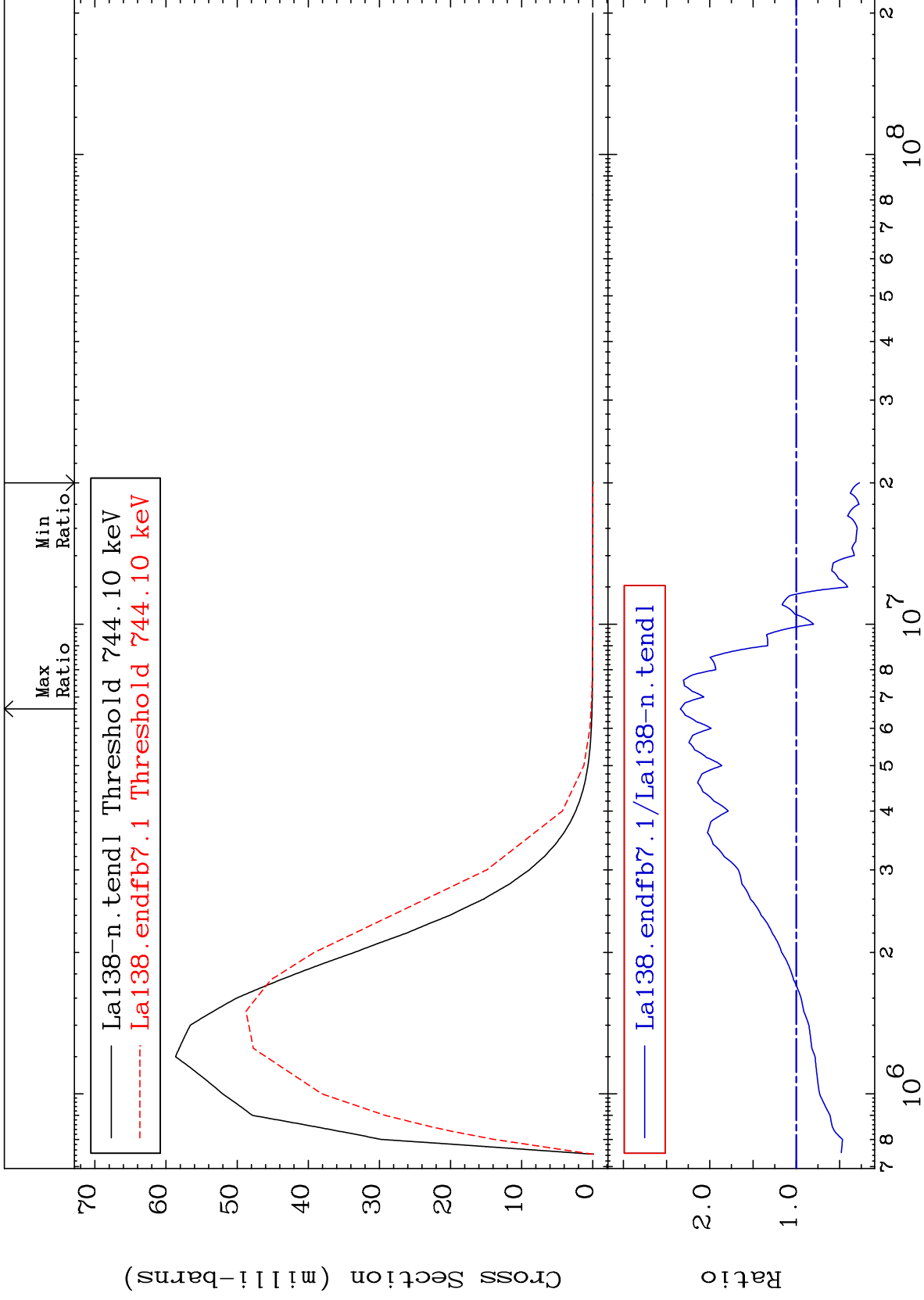
57-La-138
-72.73 To 146.8 %



MAT 5725

738.7 keV (n,n') Level
Cross Section

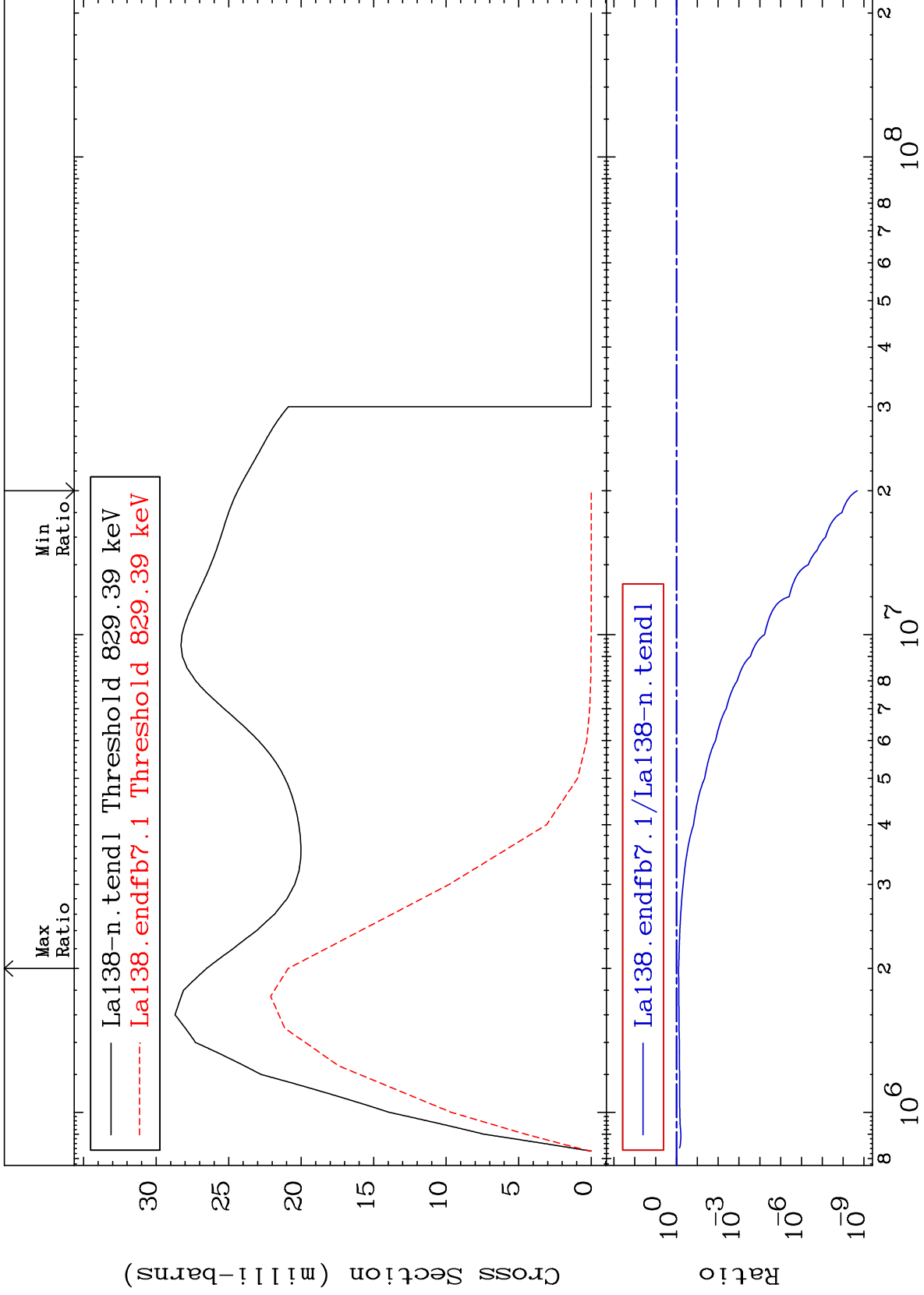
57-La-138
-72.94 To 134.0 %



MAT 5725

823.4 keV (n,n') Level
Cross Section

57-La-138
-100.0 To -21.22%



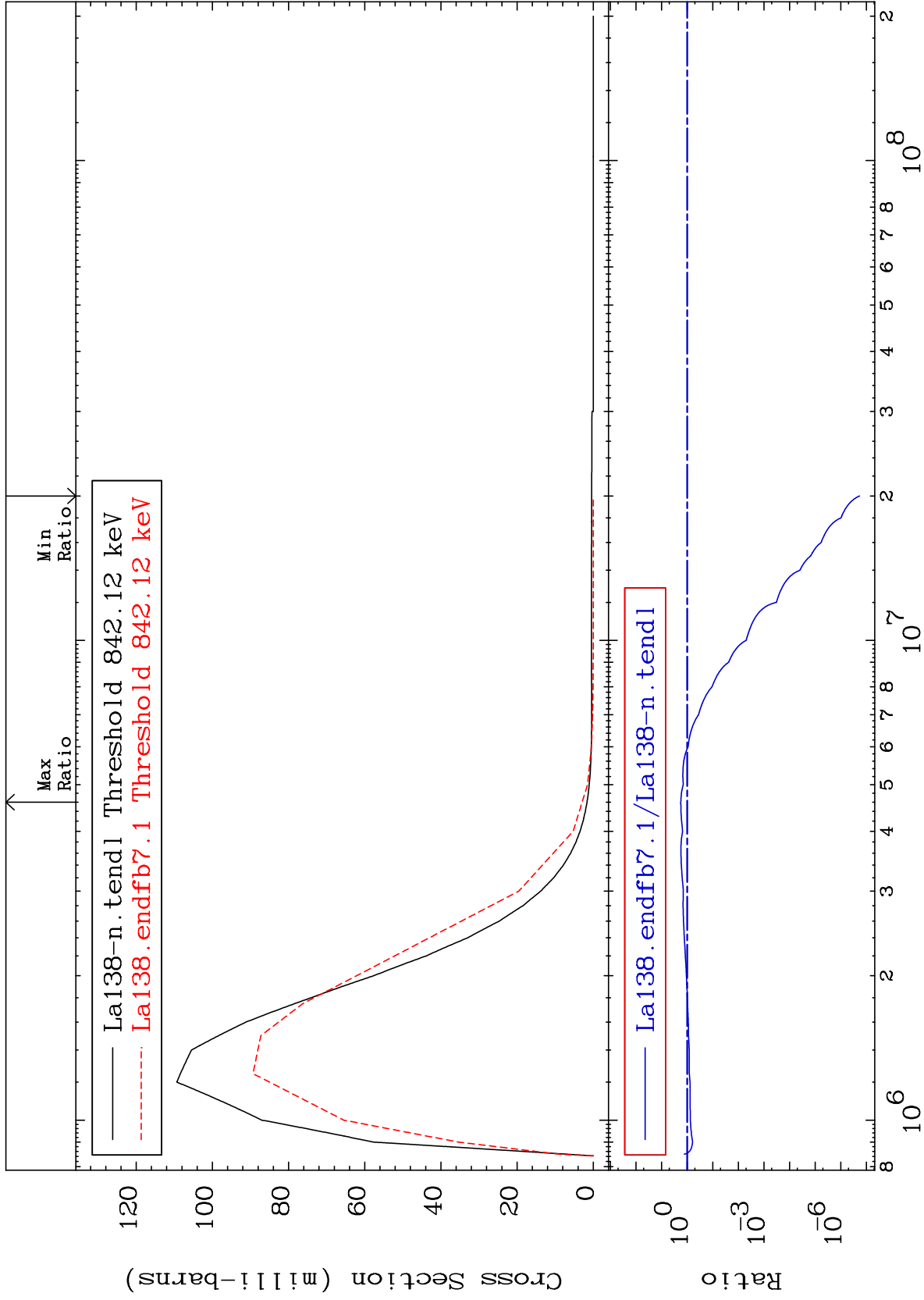
MAT 5725

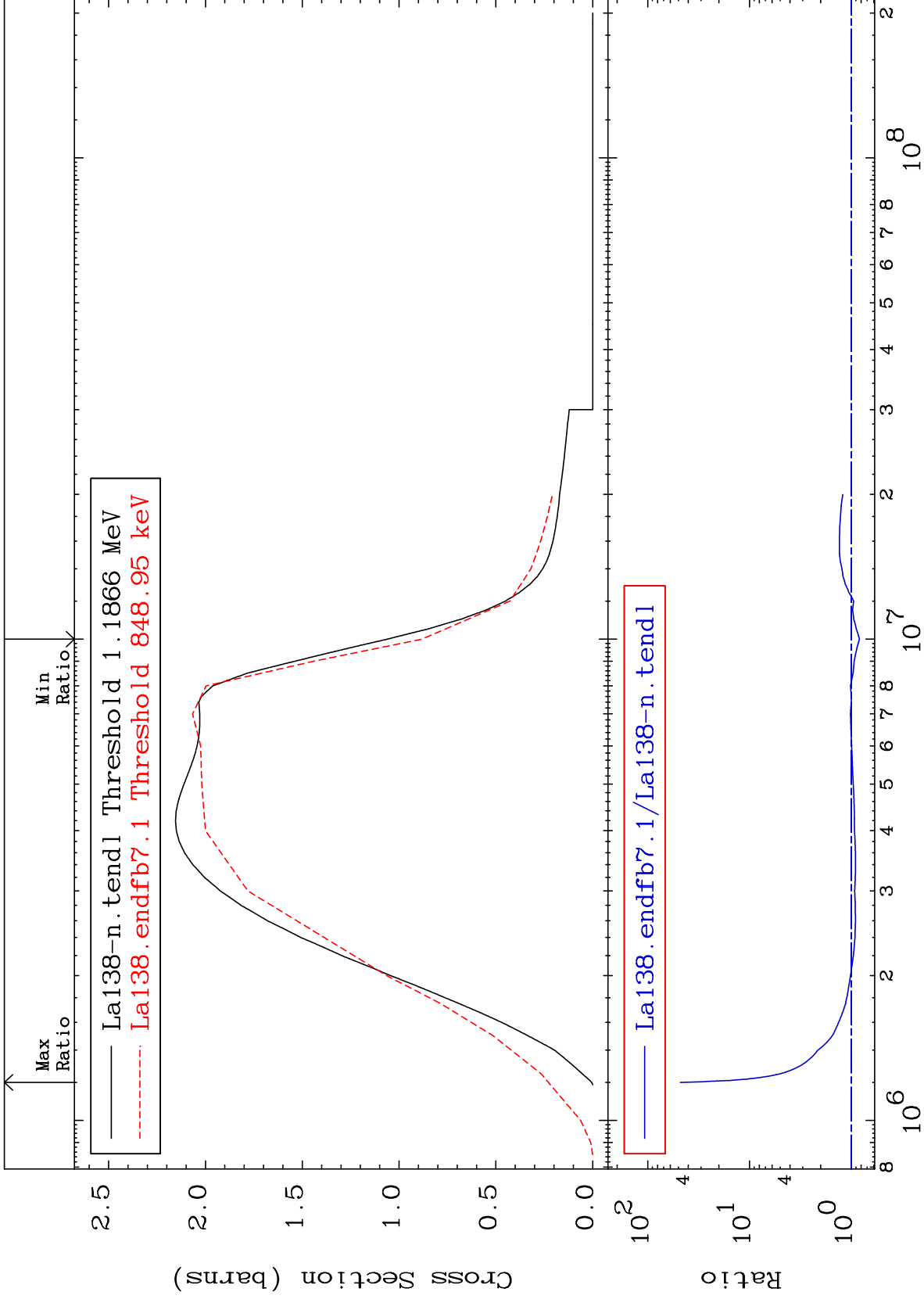
836.0 keV (n,n') Level

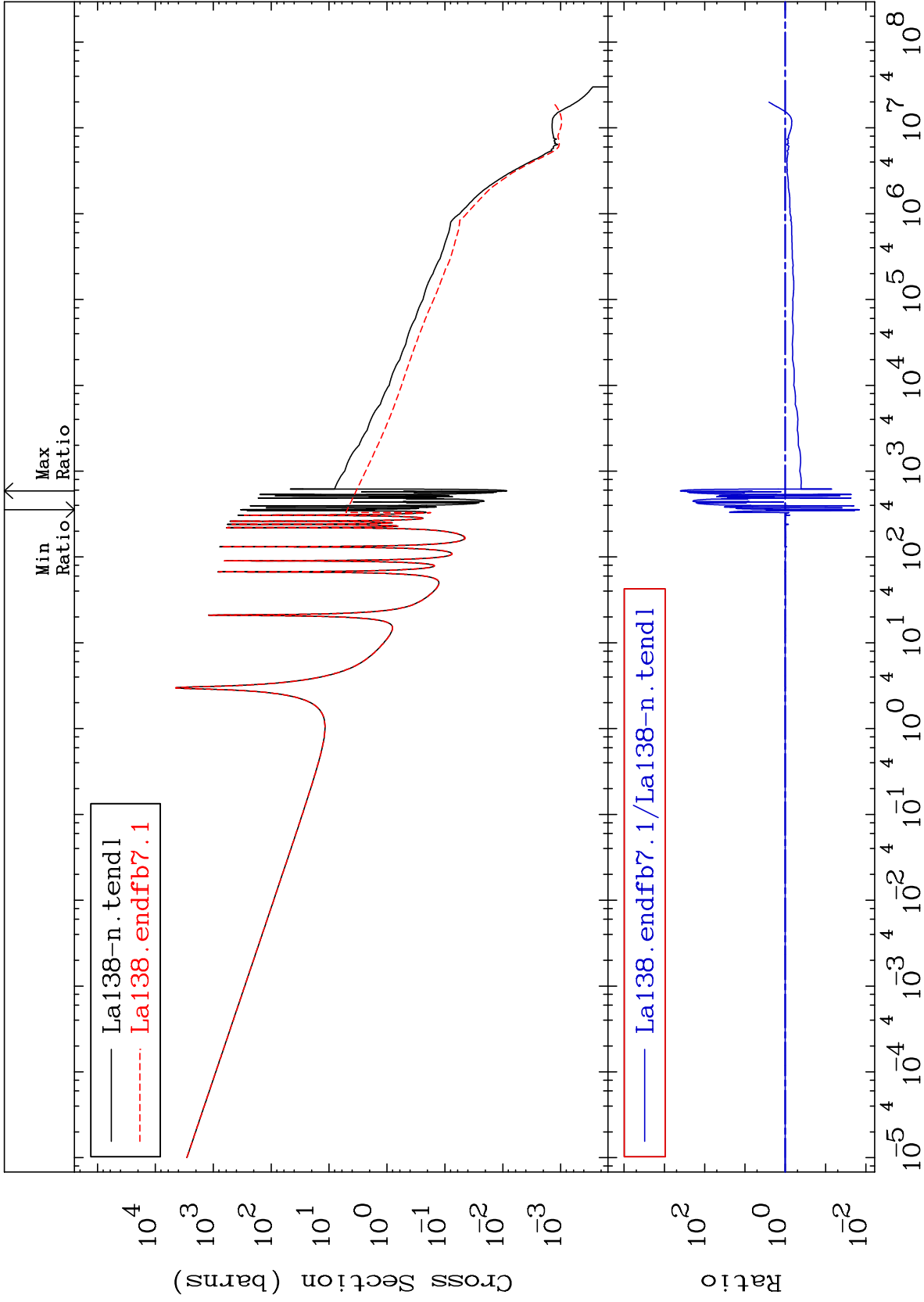
57-La-138

-100.0 To 78.16 %

Cross Section



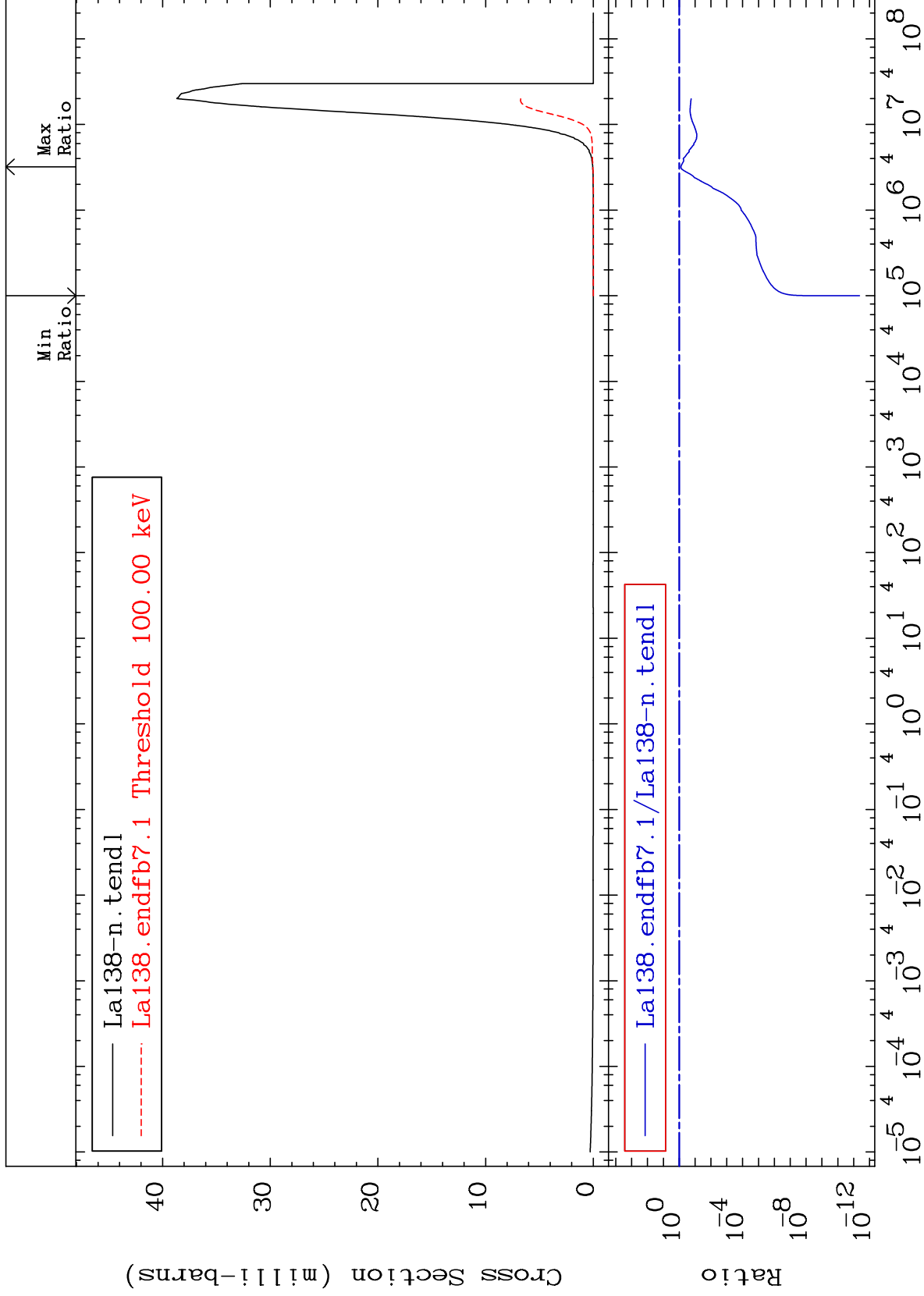




MAT 5725

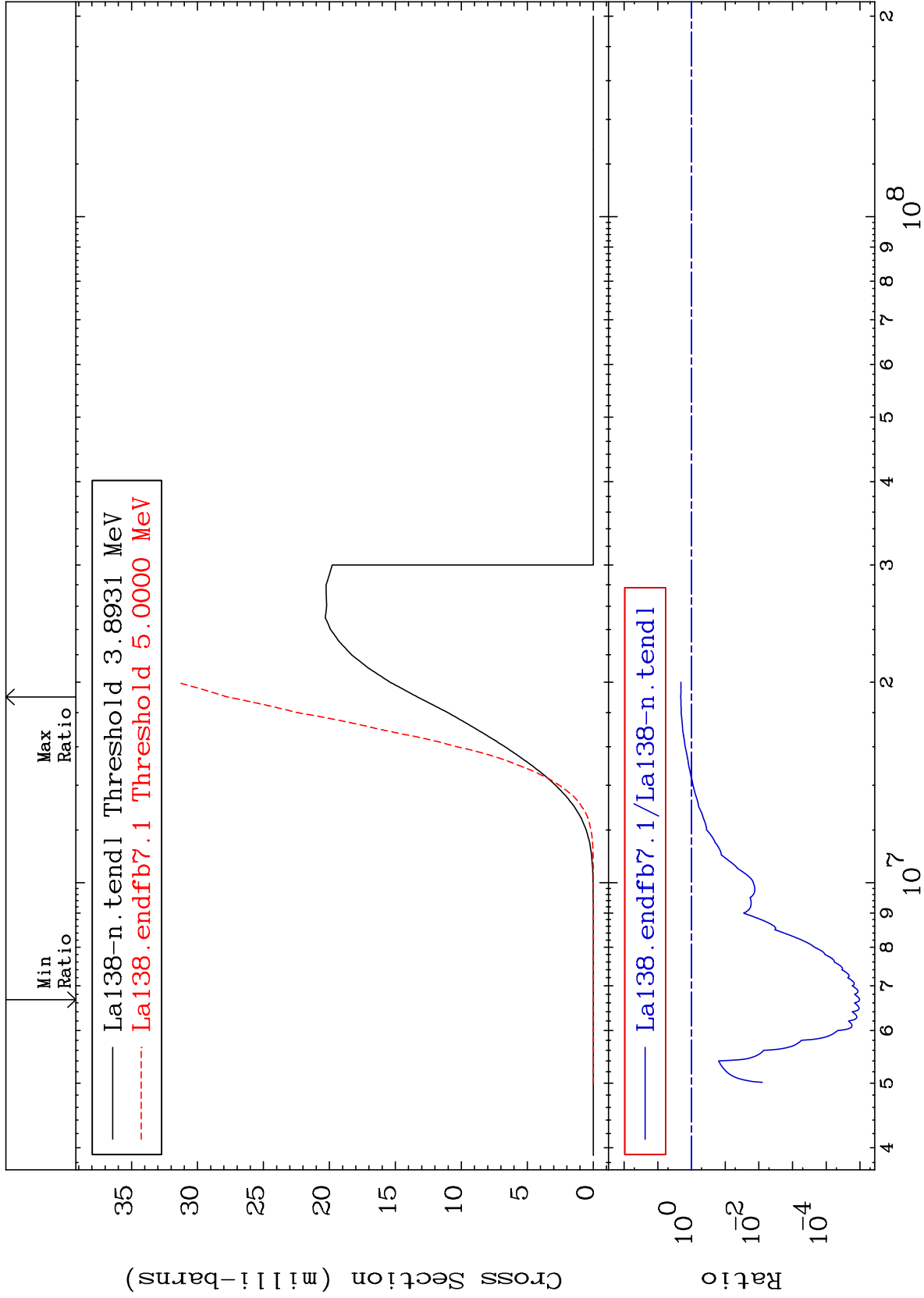
(n,p)
Cross Section

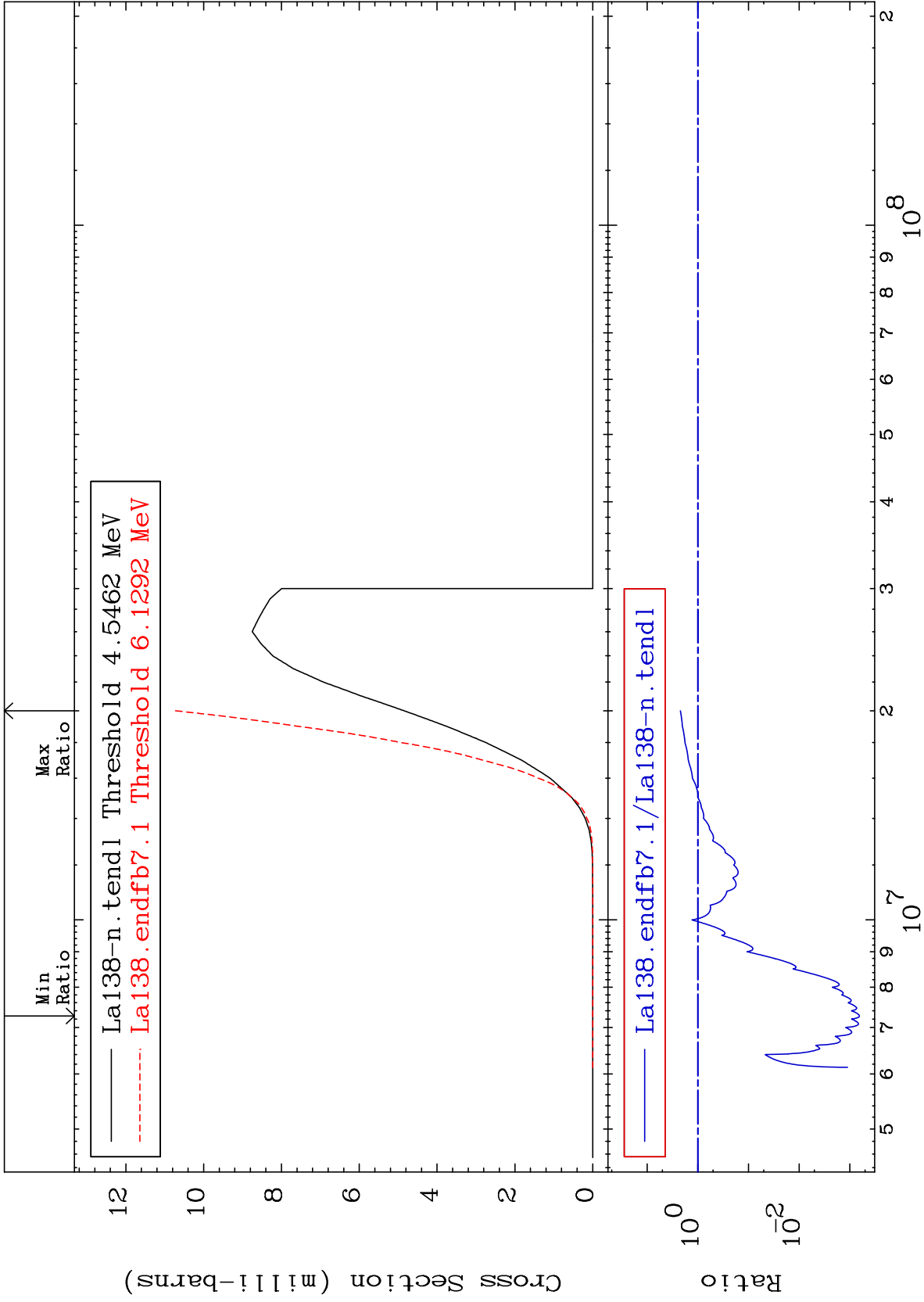
57-La-138
-100.0 To -20.29%

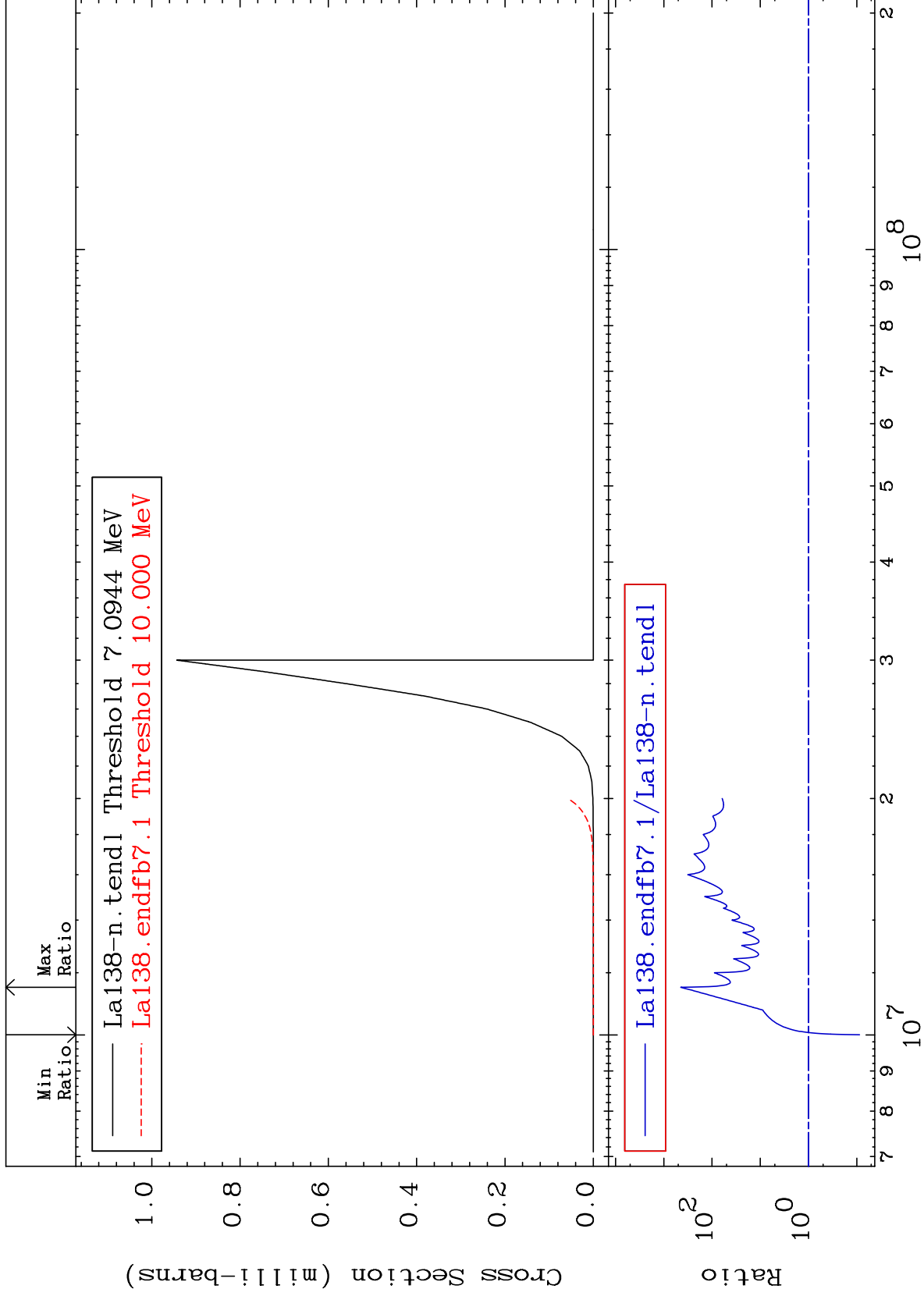


Cross Section

-100.0 To 108.1 %







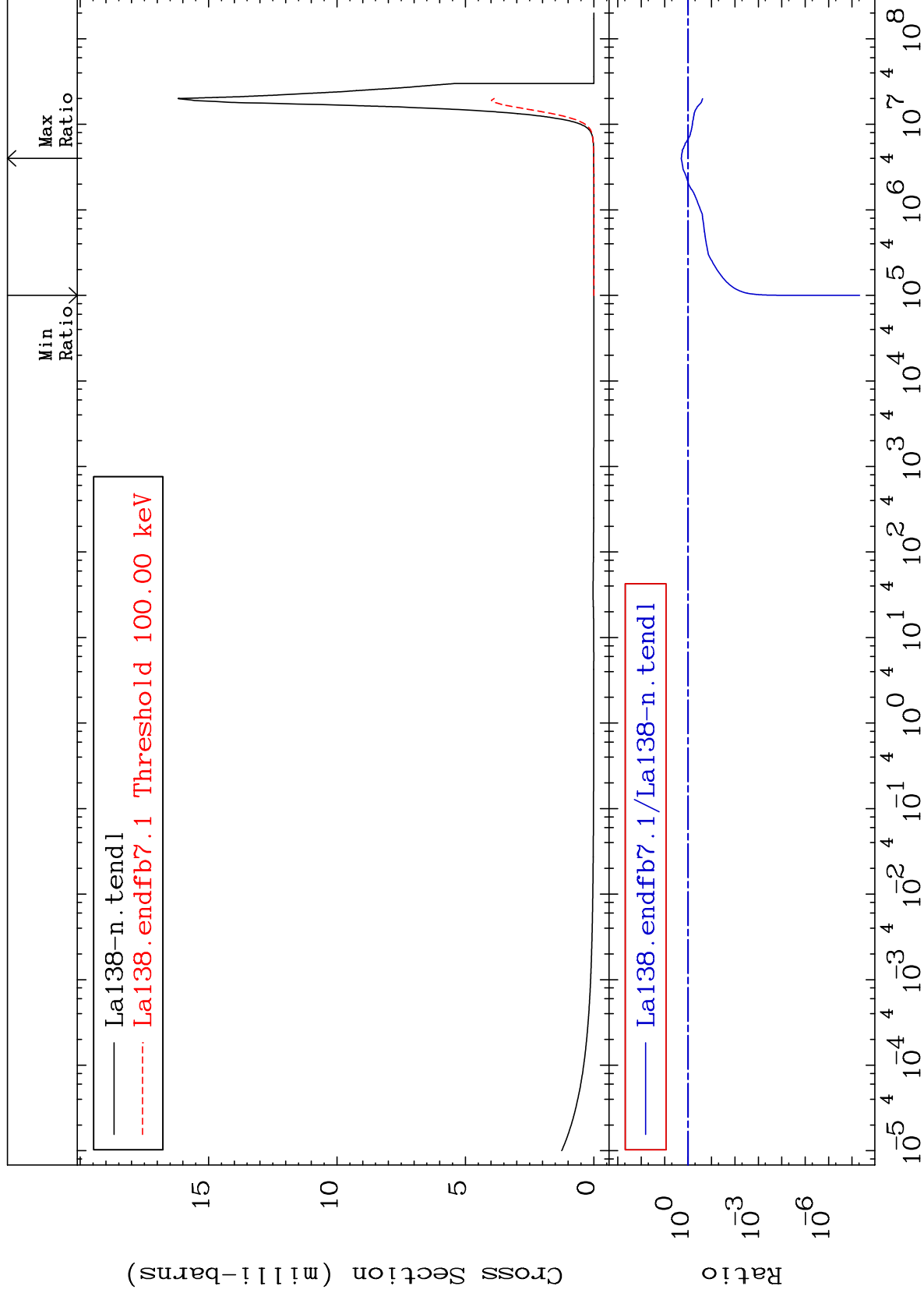
MAT 5725

(n, α)

57-La-138

Cross Section

-100.0 To 97.40 %



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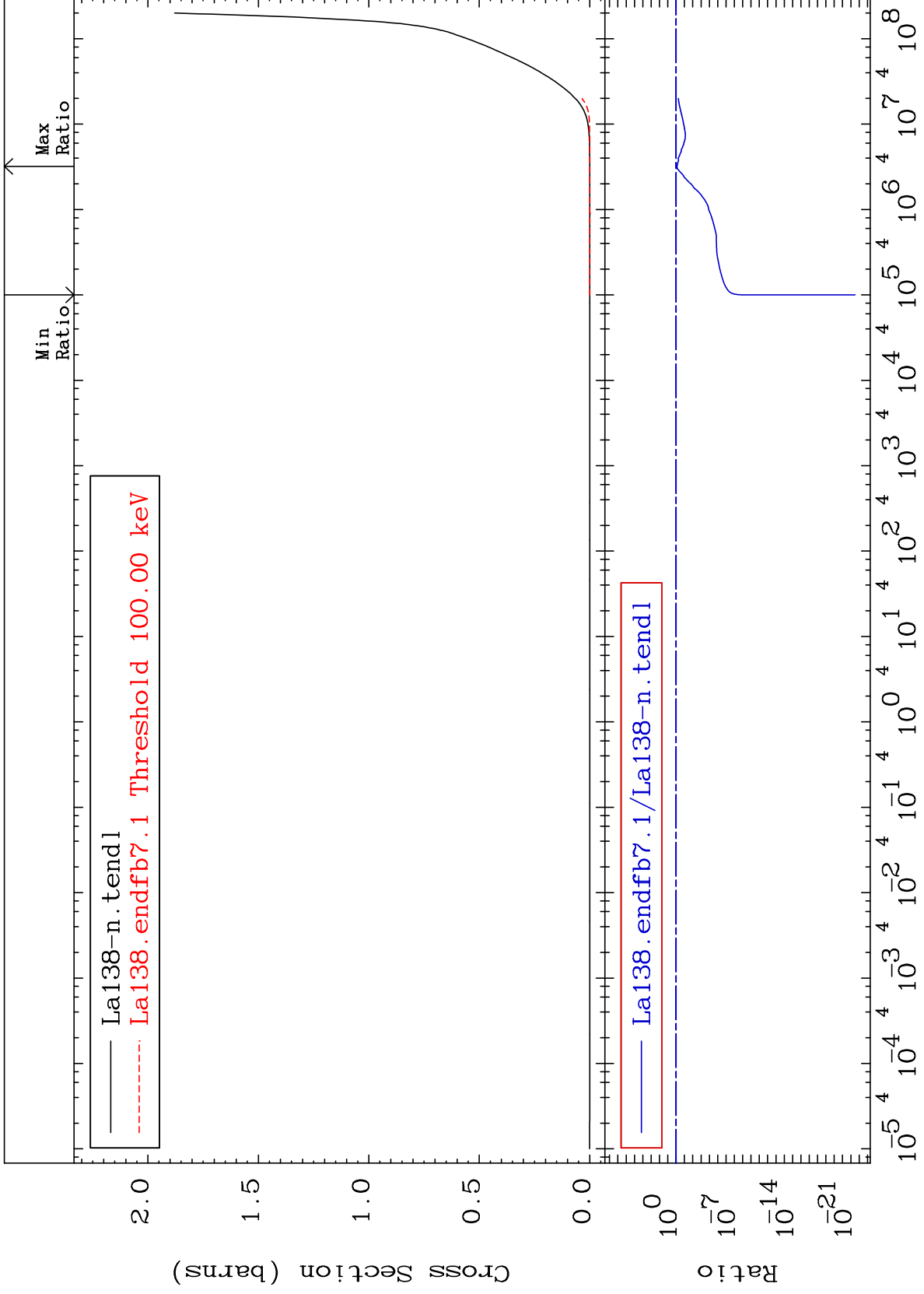
Incident Energy (eV)

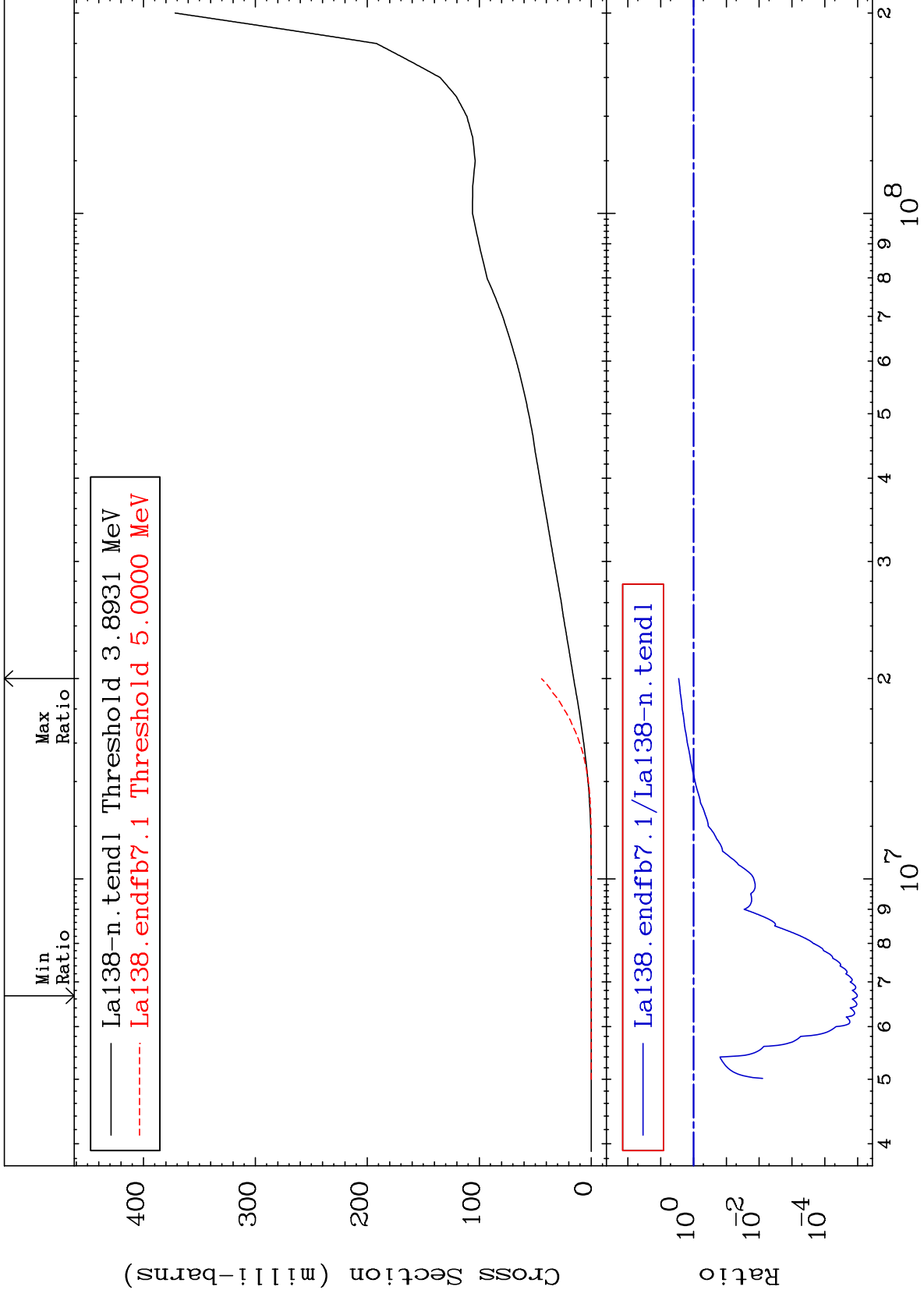
57-La-138

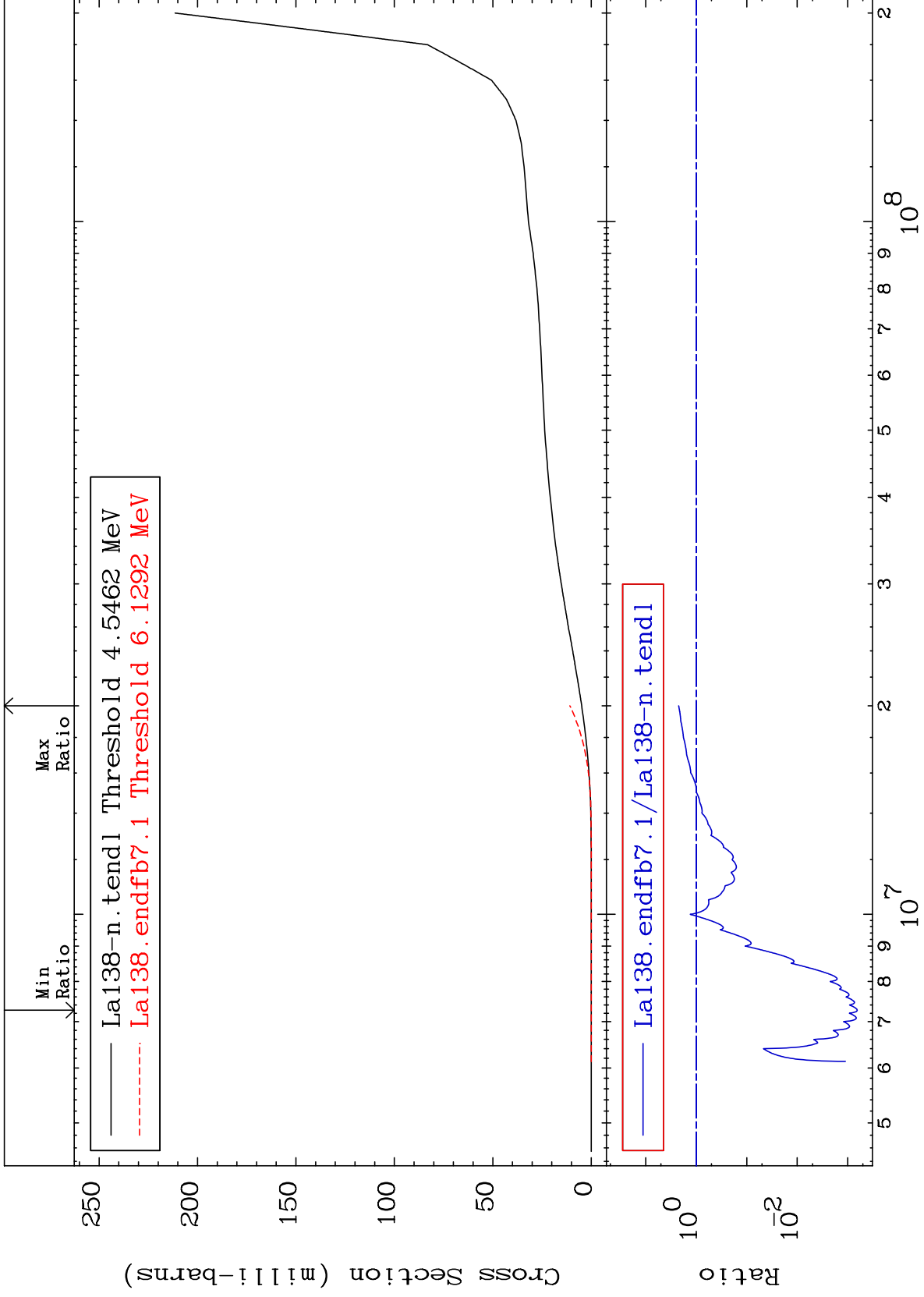
MAT 5725

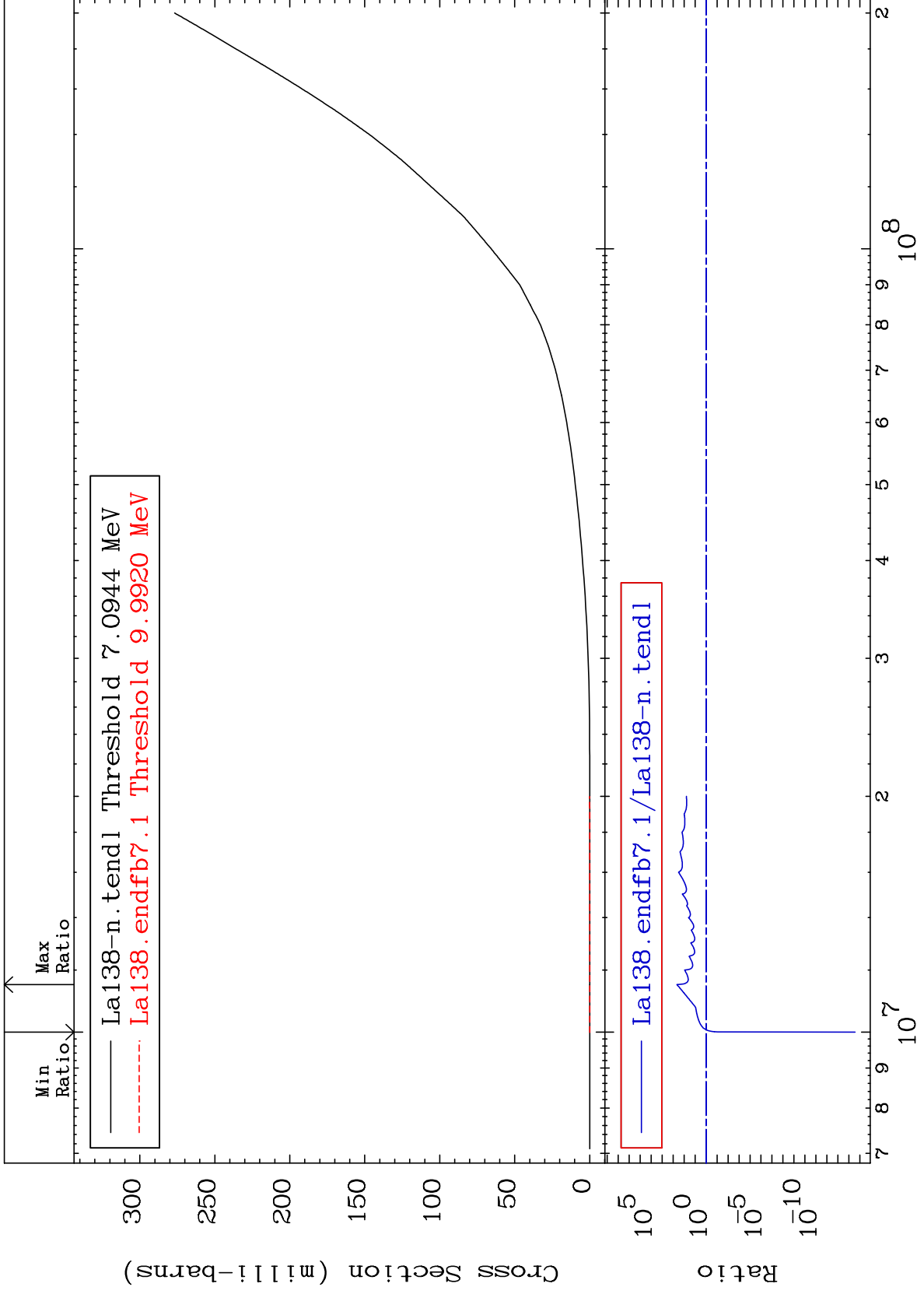
Hydrogen Production
Cross Section

57-La-138
-100.0 To -20.29%





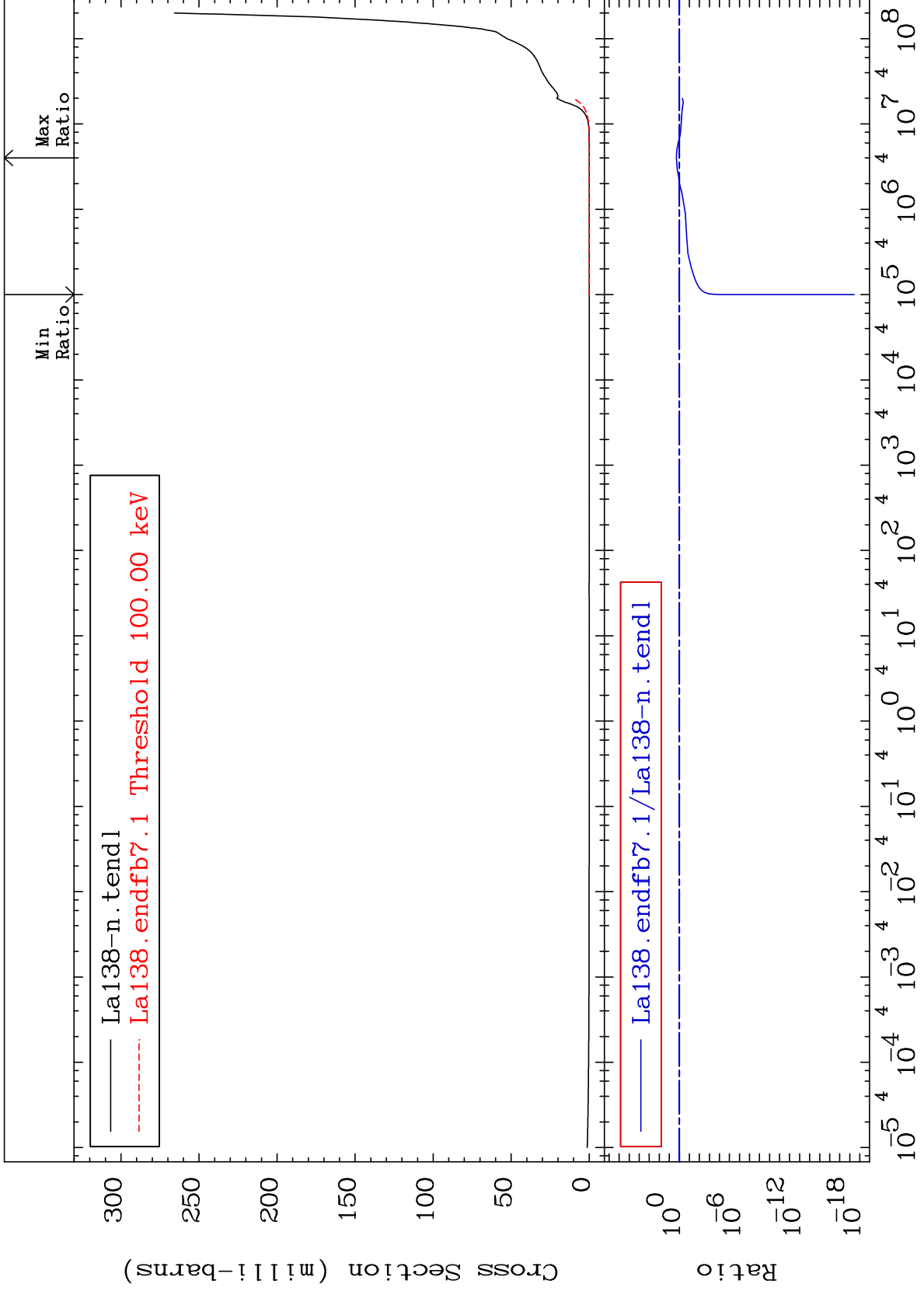




MAT 5725

He-4 Production
Cross Section

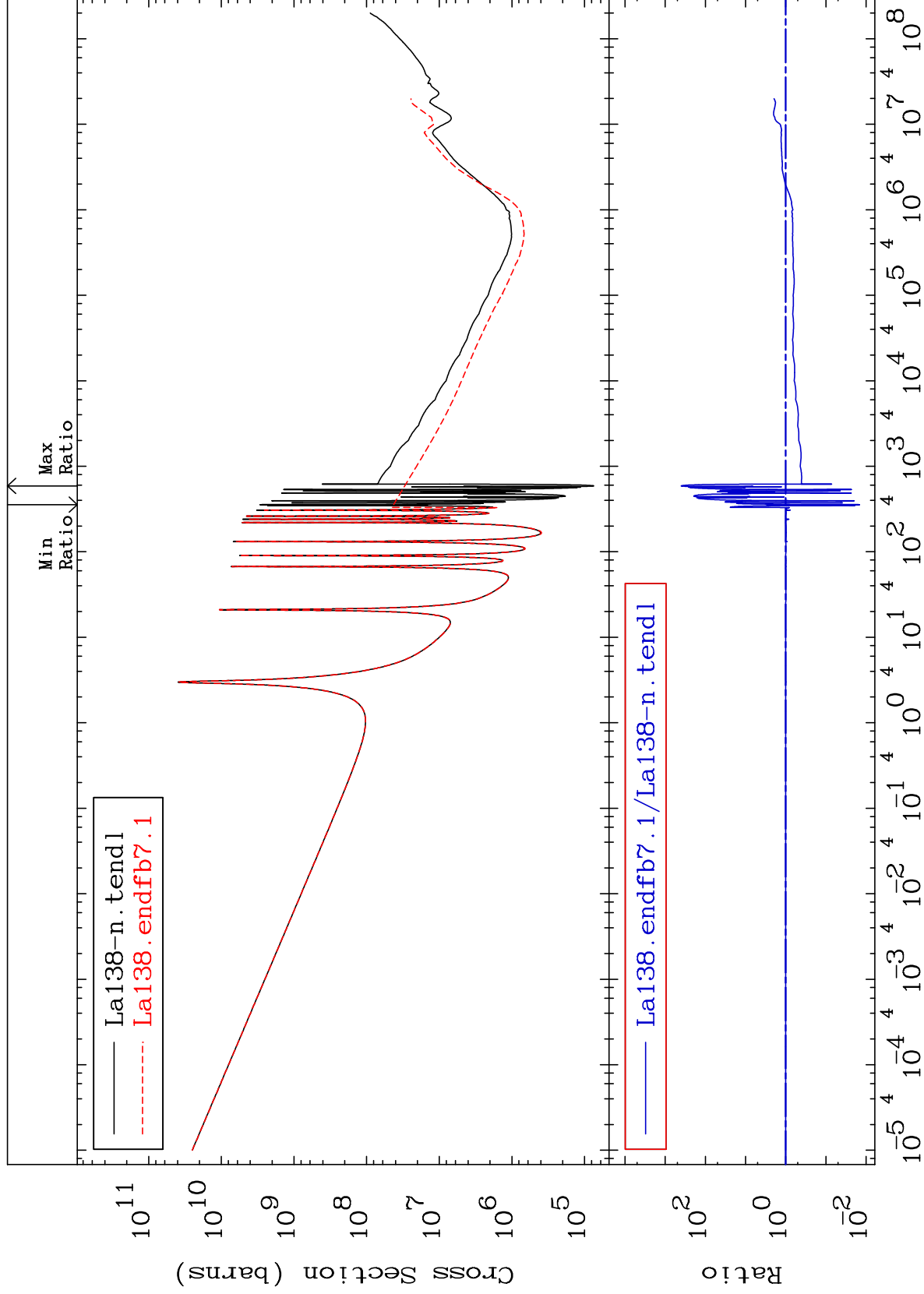
57-La-138
-100.0 To 97.40 %



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Incident Energy (eV)

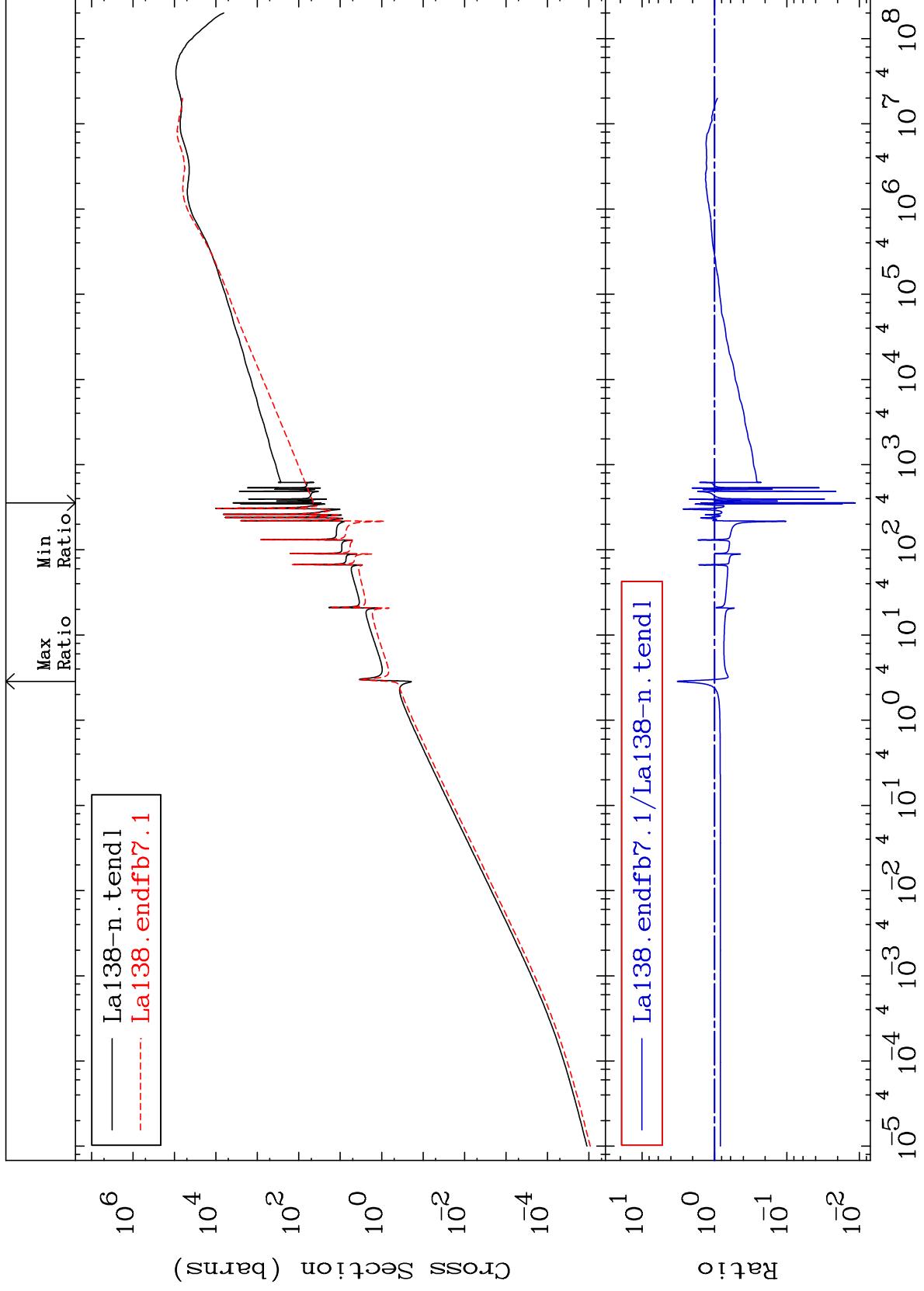
57-La-138

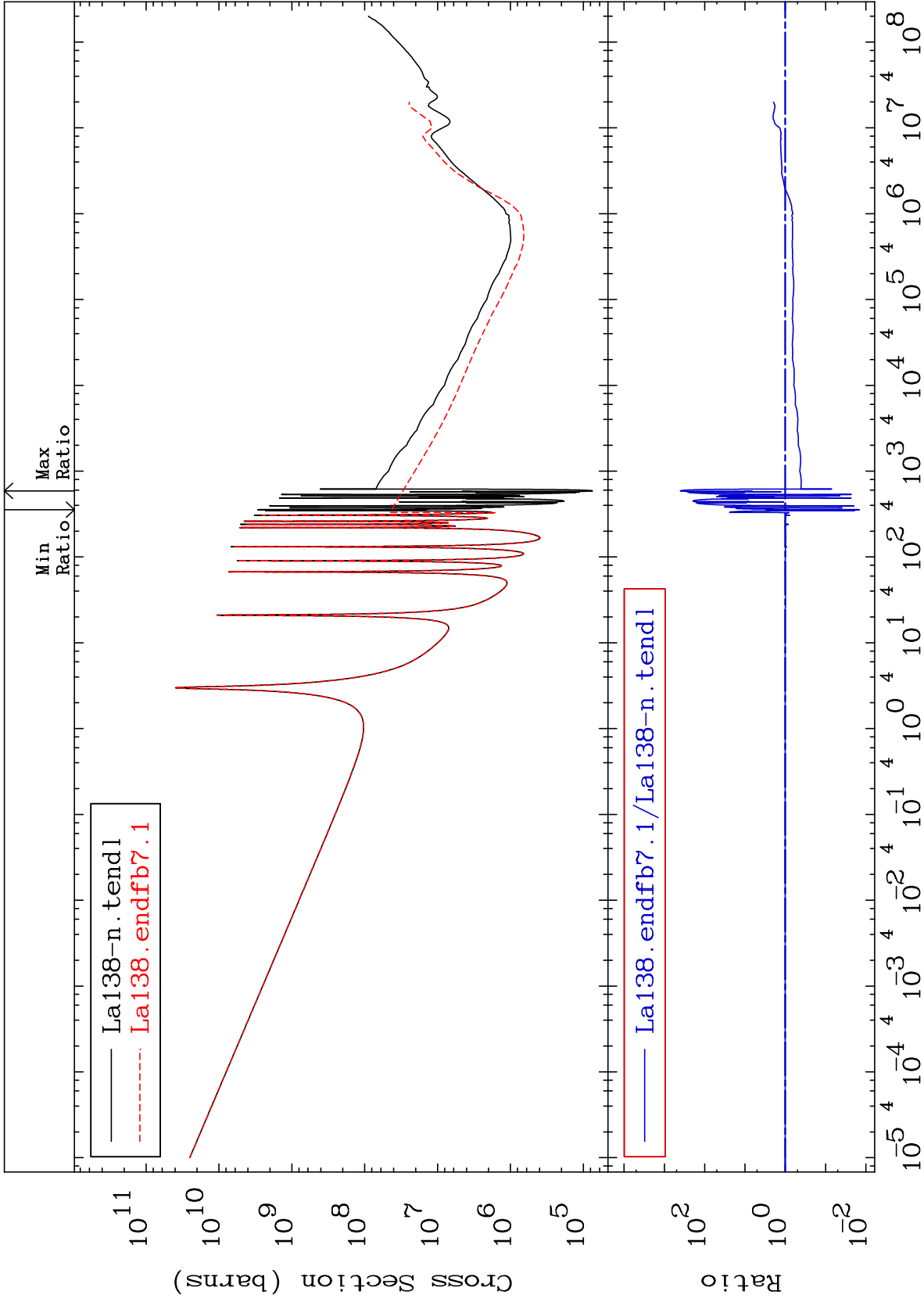


MAT 5725

Kerma elastic
Cross Section

57-La-138
-98.86 To 226.1 %

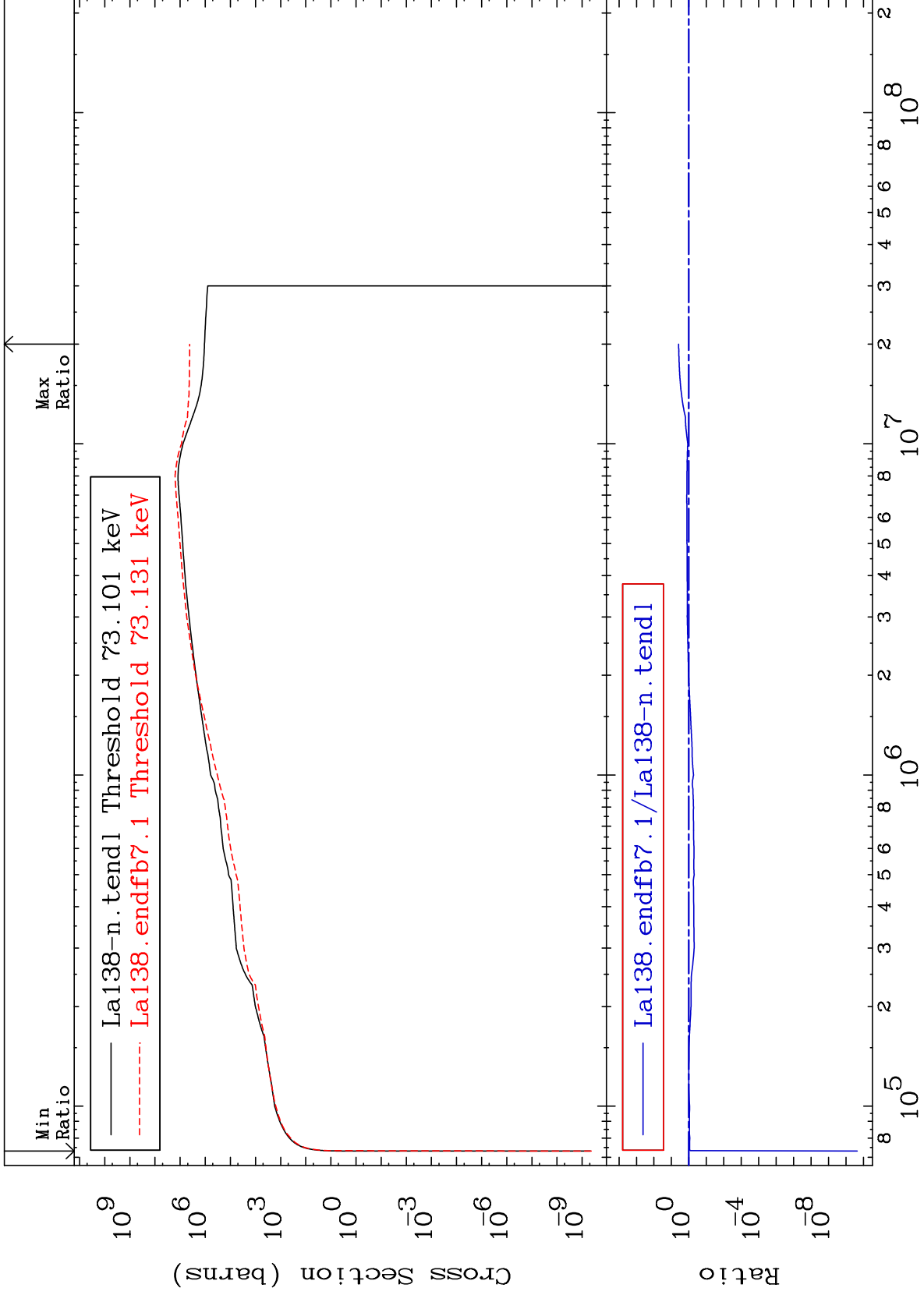




MAT 5725

Kerma inelastic (mt51-91)
Cross Section

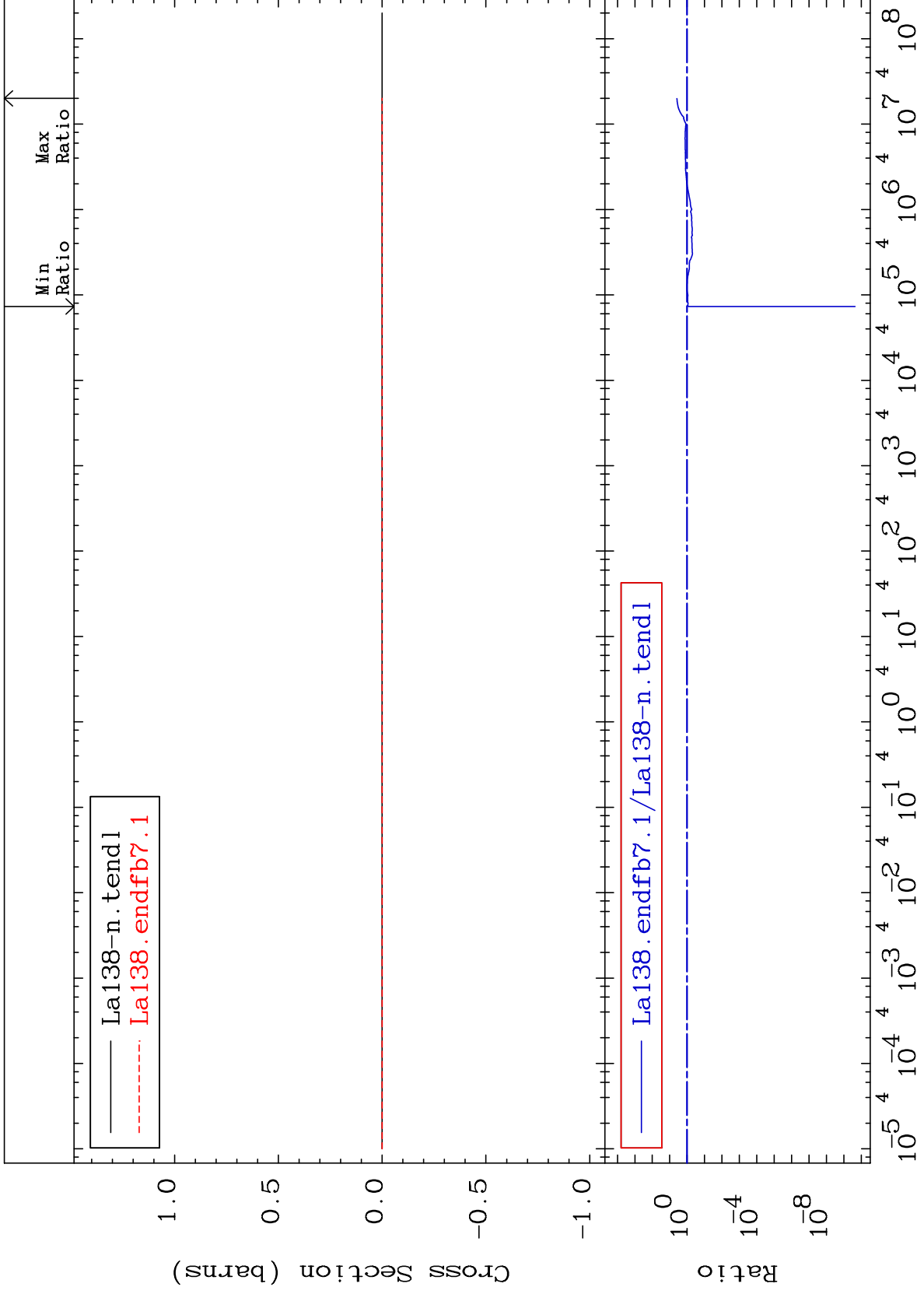
57-La-138
-100.0 To 284.7 %

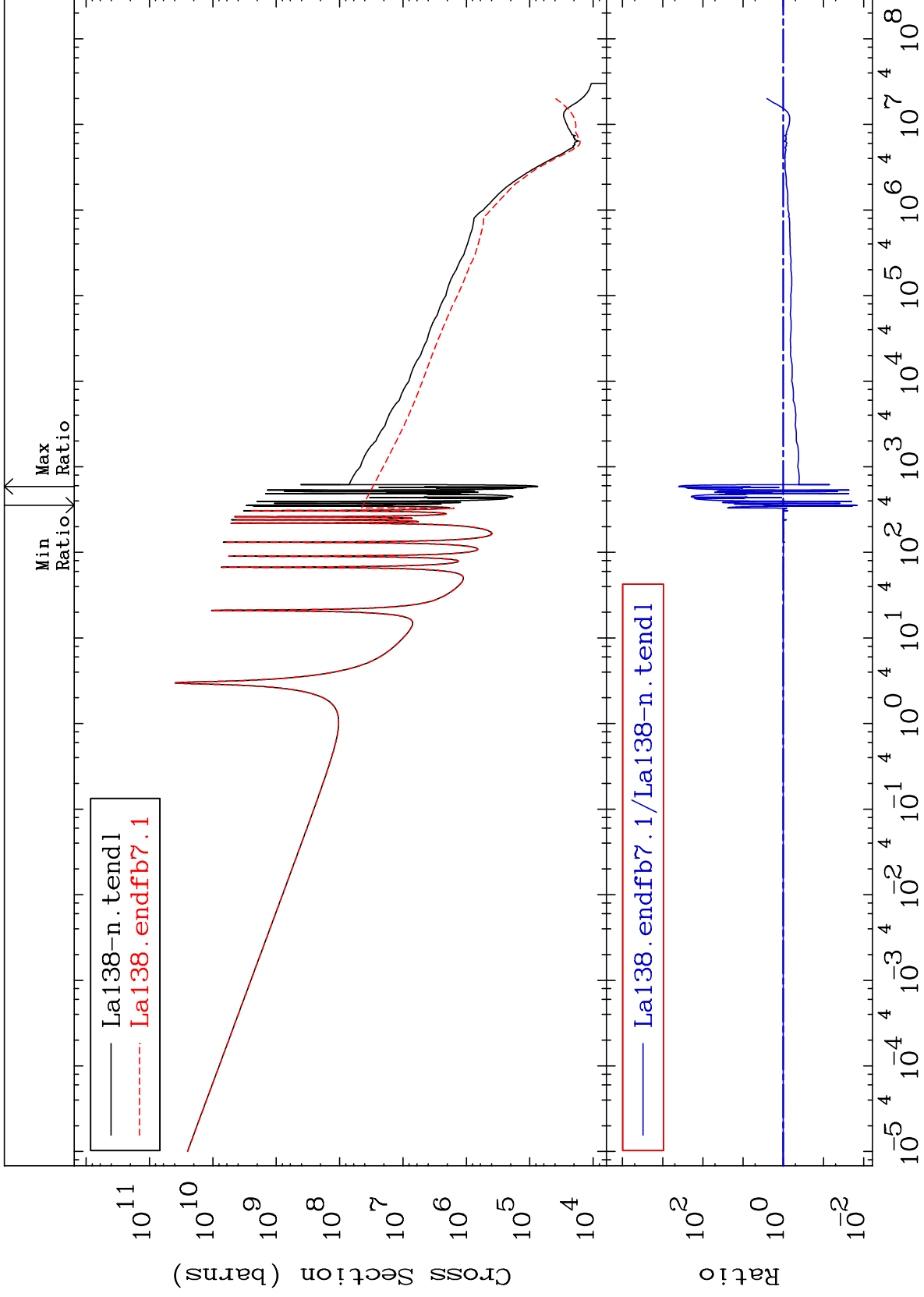


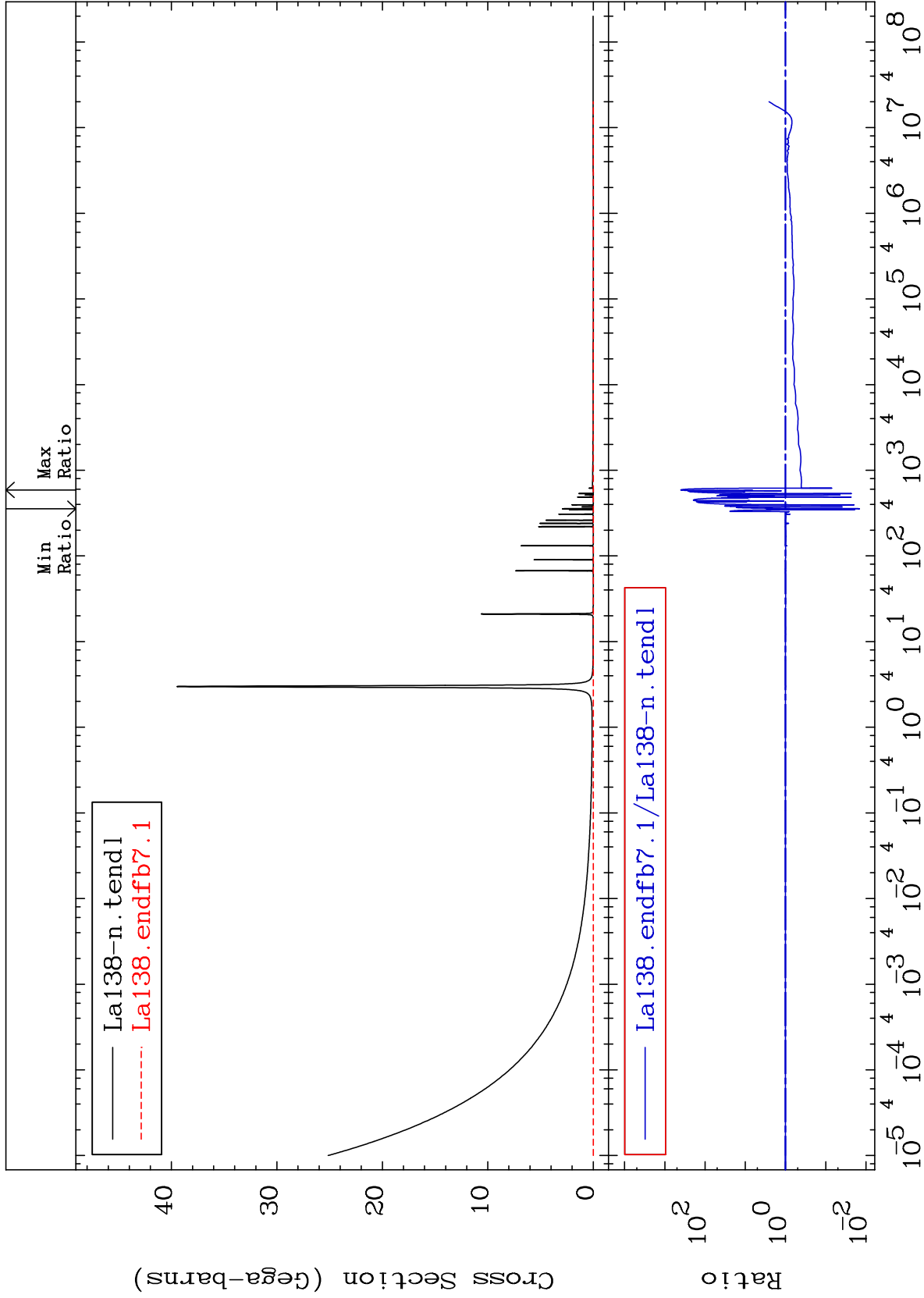
40

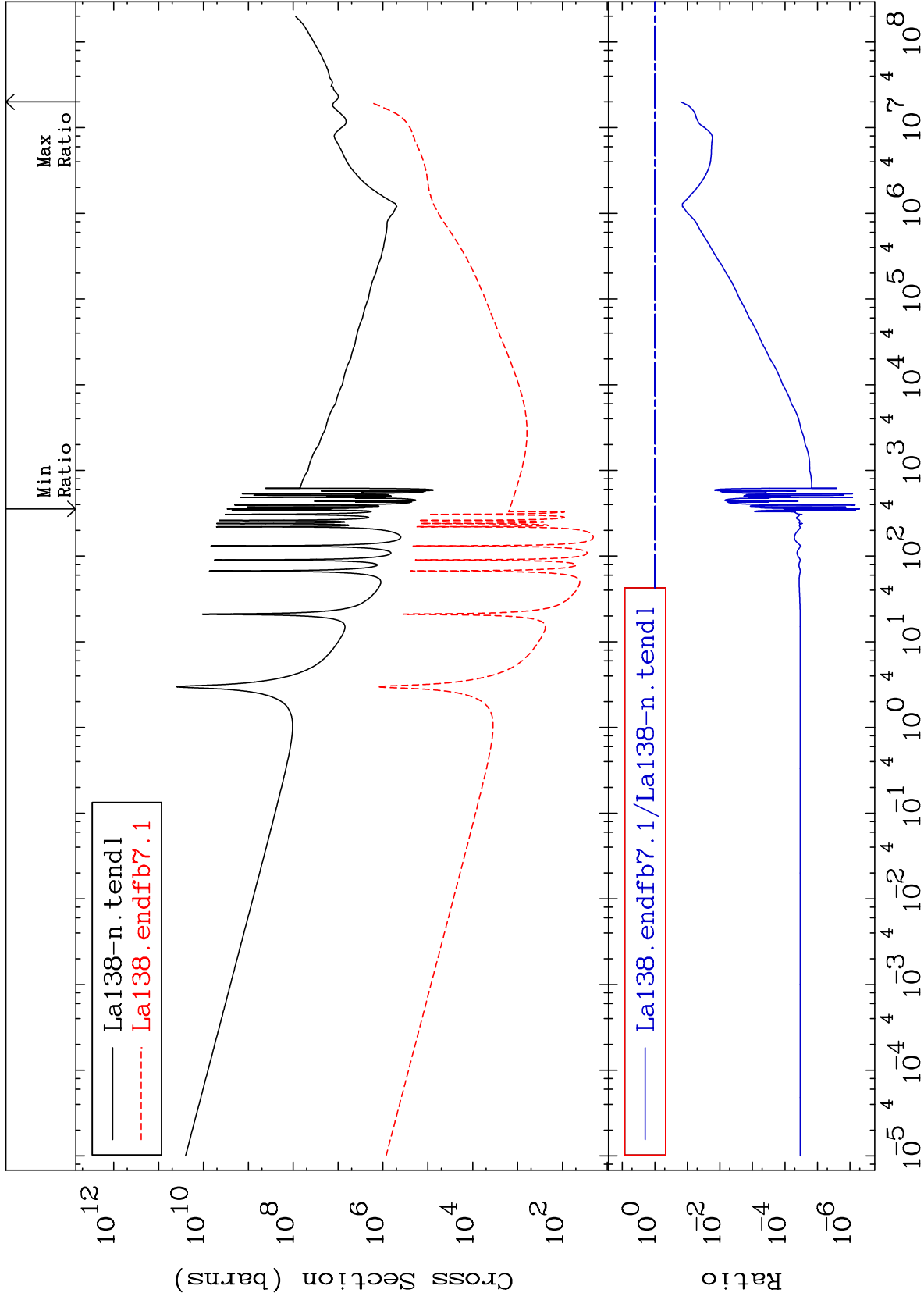
Incident Energy (eV)

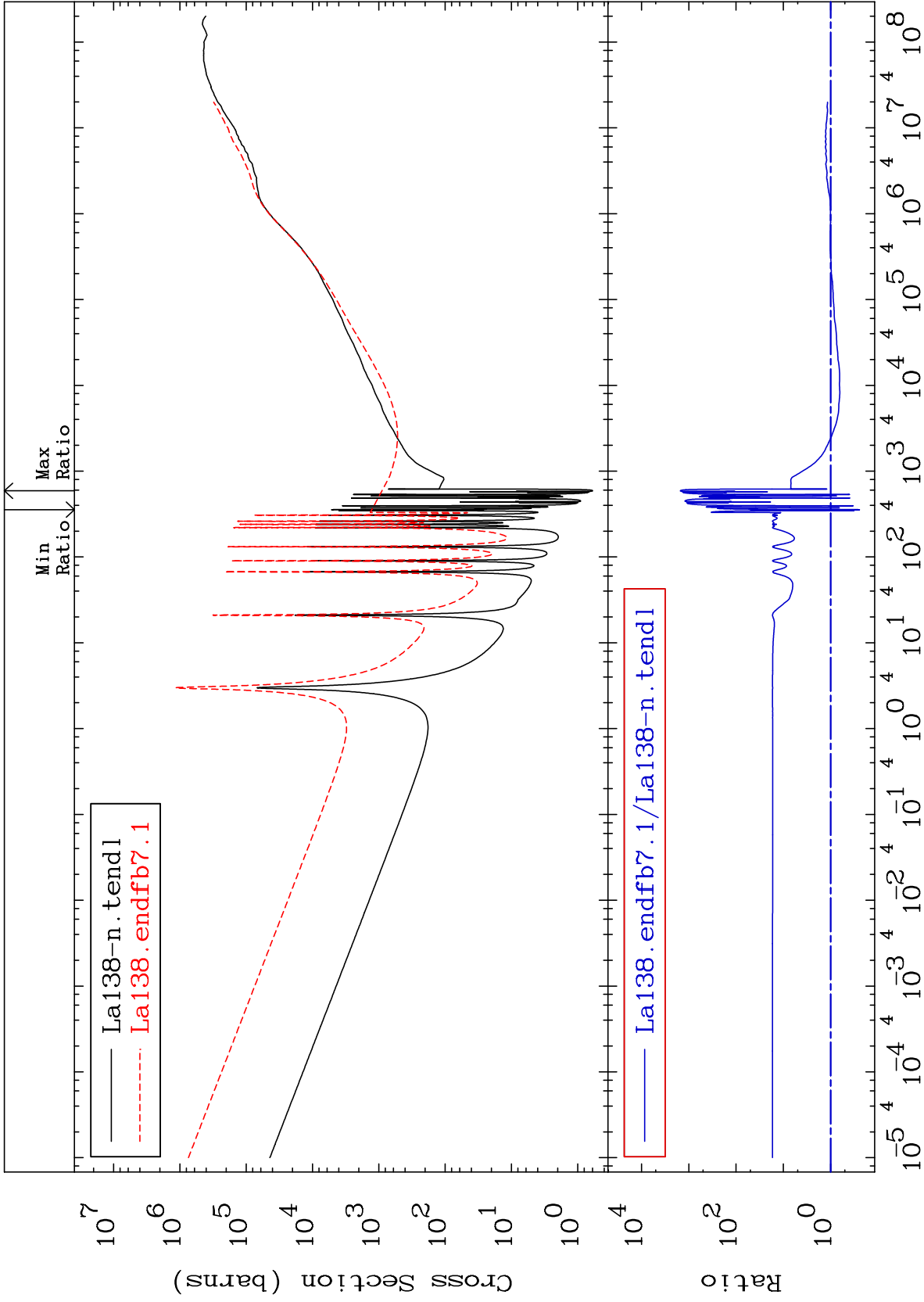
57-La-138







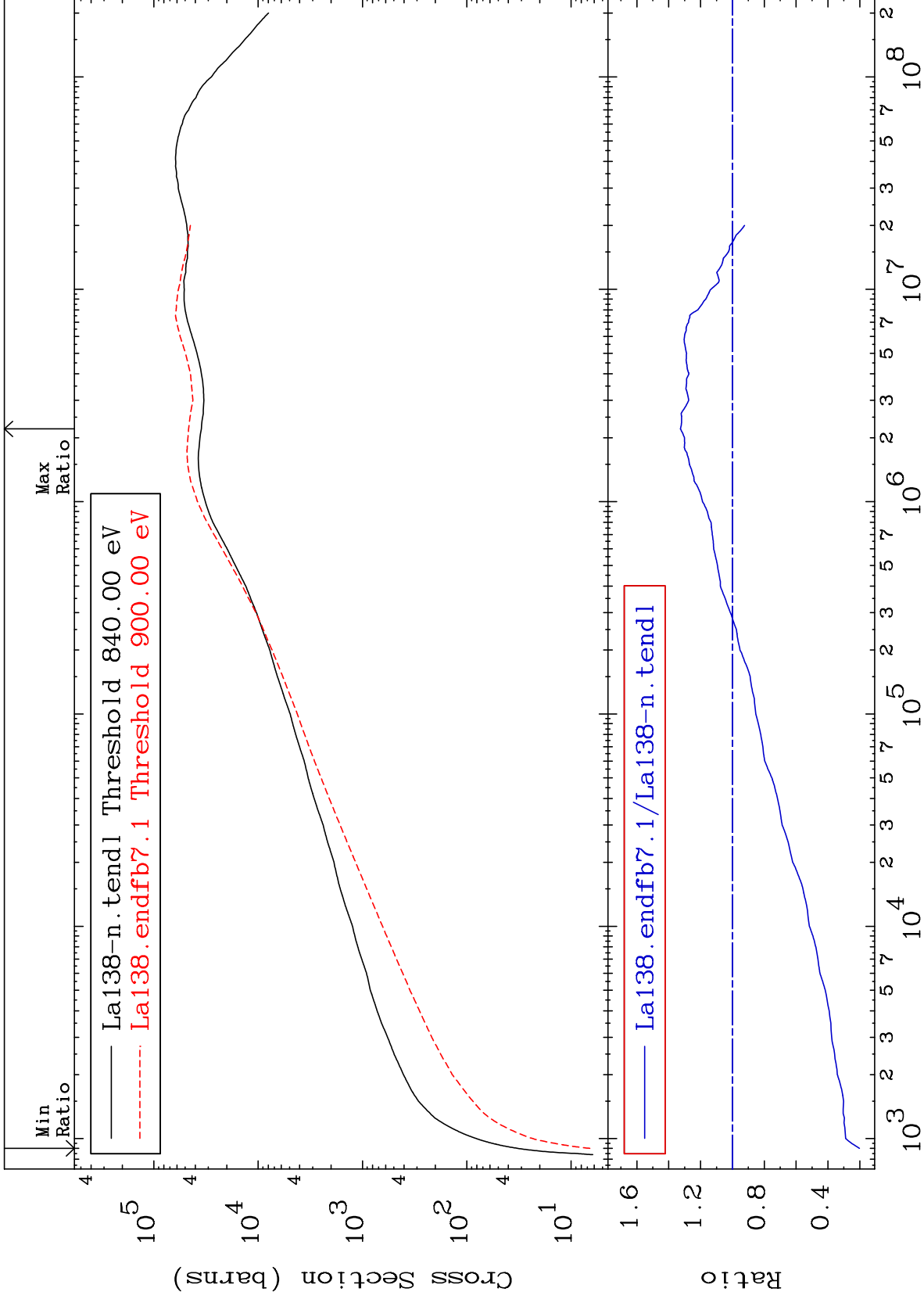




MAT 5725

Dpa elastic (mt2)
Cross Section

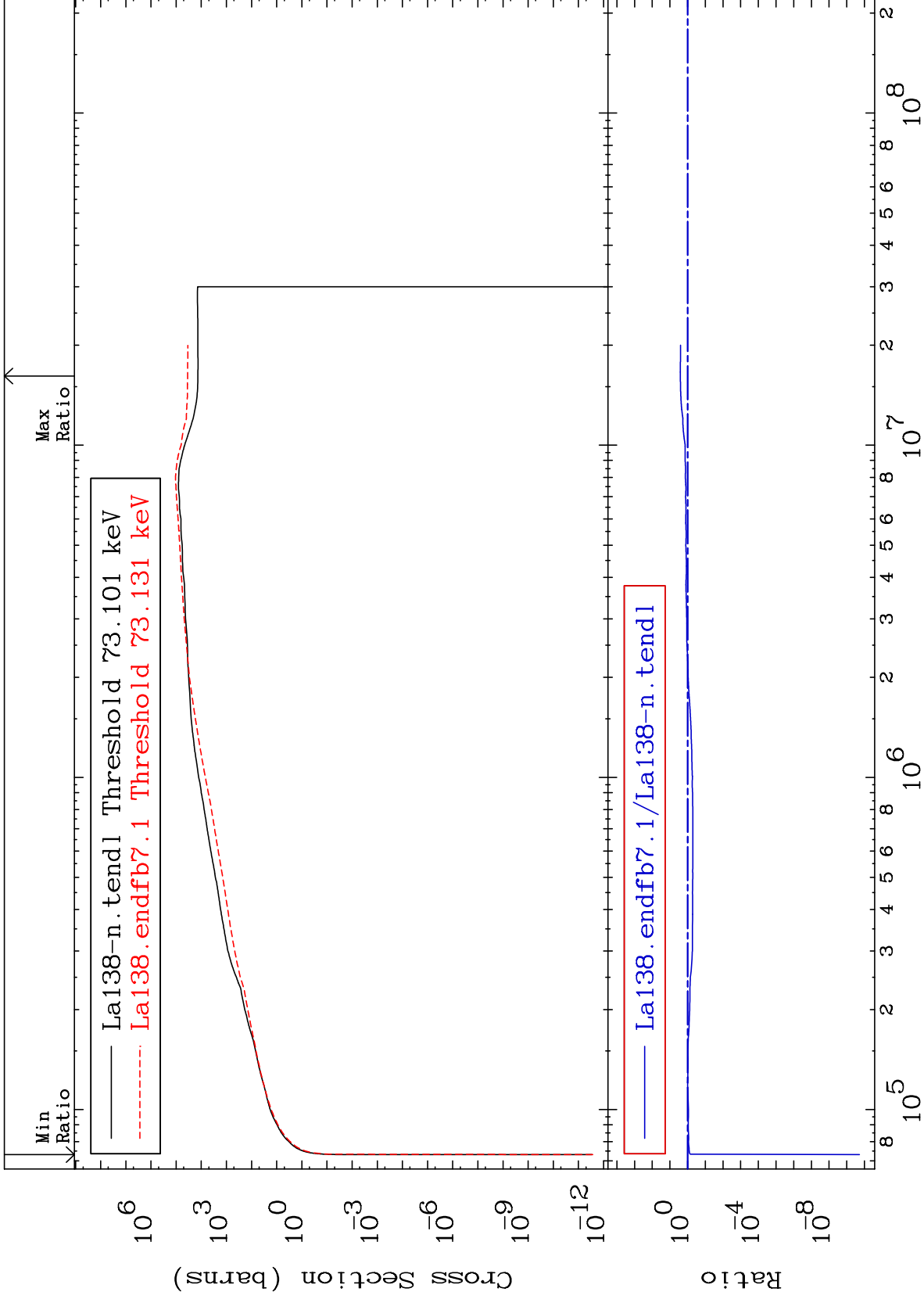
57-La-138
-79.76 To 32.69 %



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Incident Energy (eV)

57-La-138



MAT 5725

Dpa disappearance (mt102 -120)
Cross Section

57-La-138
-75.32 To 9999. %

