

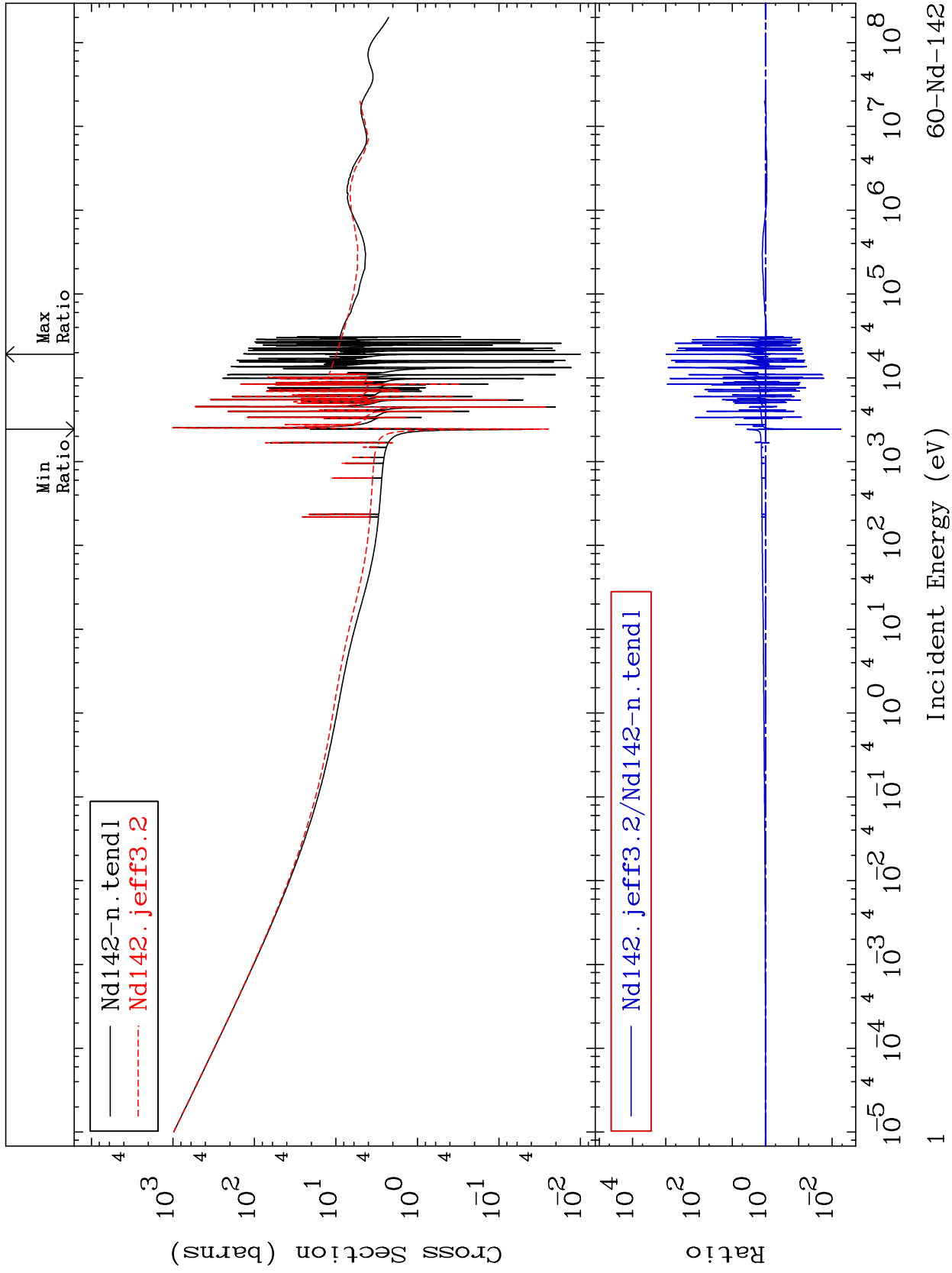
MAT 6025

Total

Cross Section

60-Nd-142

-99.46 To 9999. %



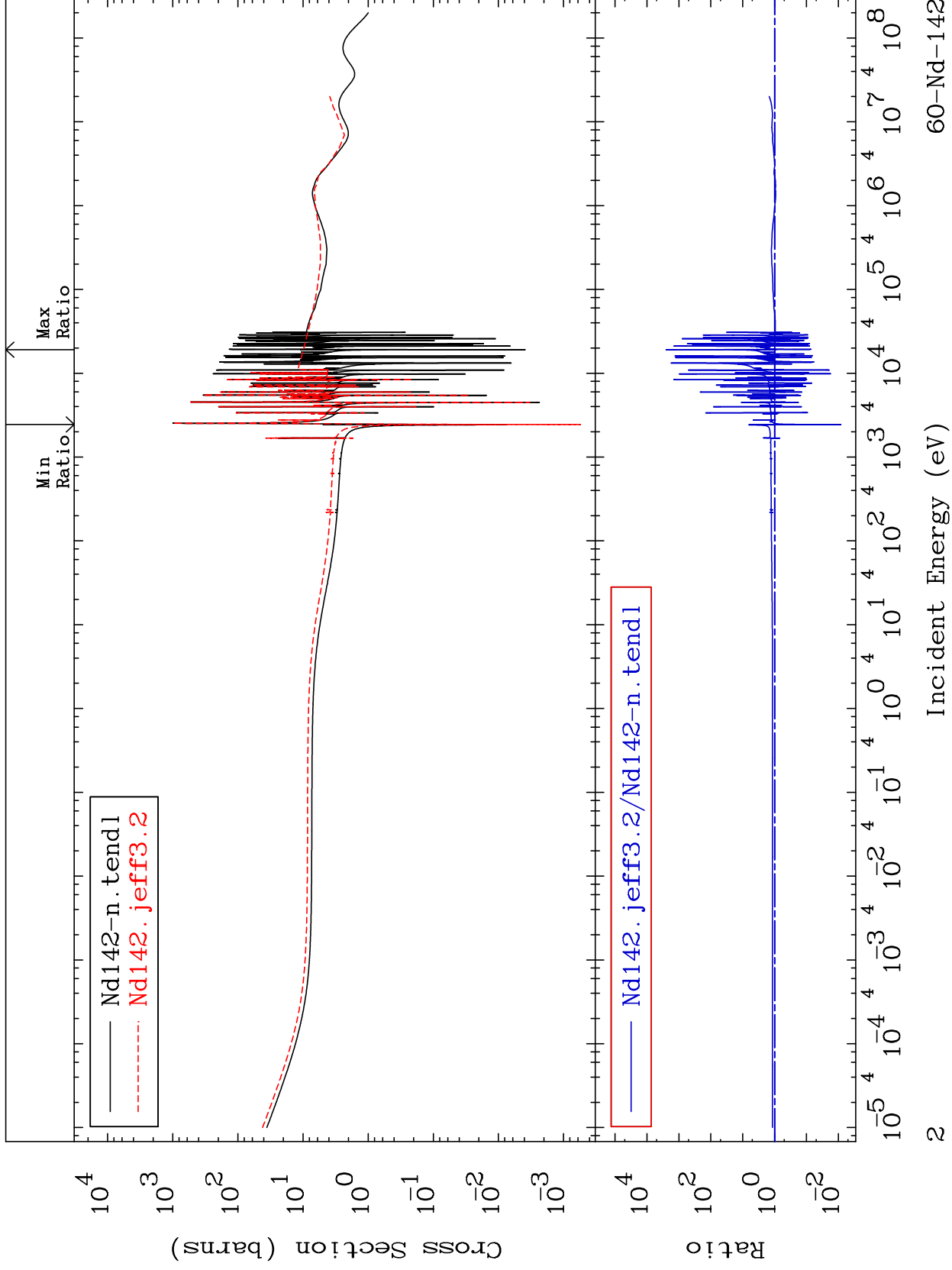
Incident Energy (eV)

60-Nd-142

MAT 6025

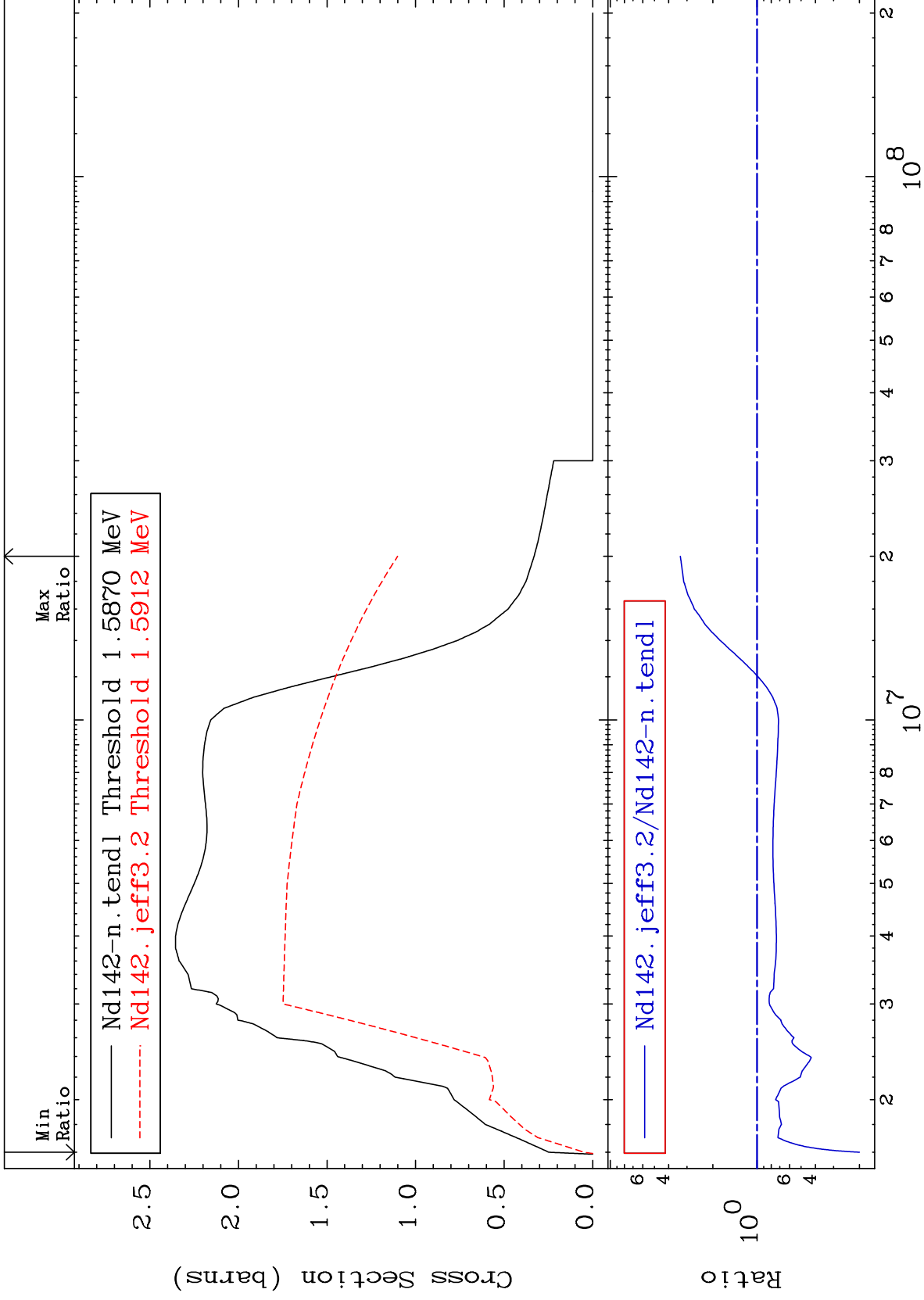
Elastic
Cross Section

60-Nd-142
-99.16 To 9999. %



MAT 6025

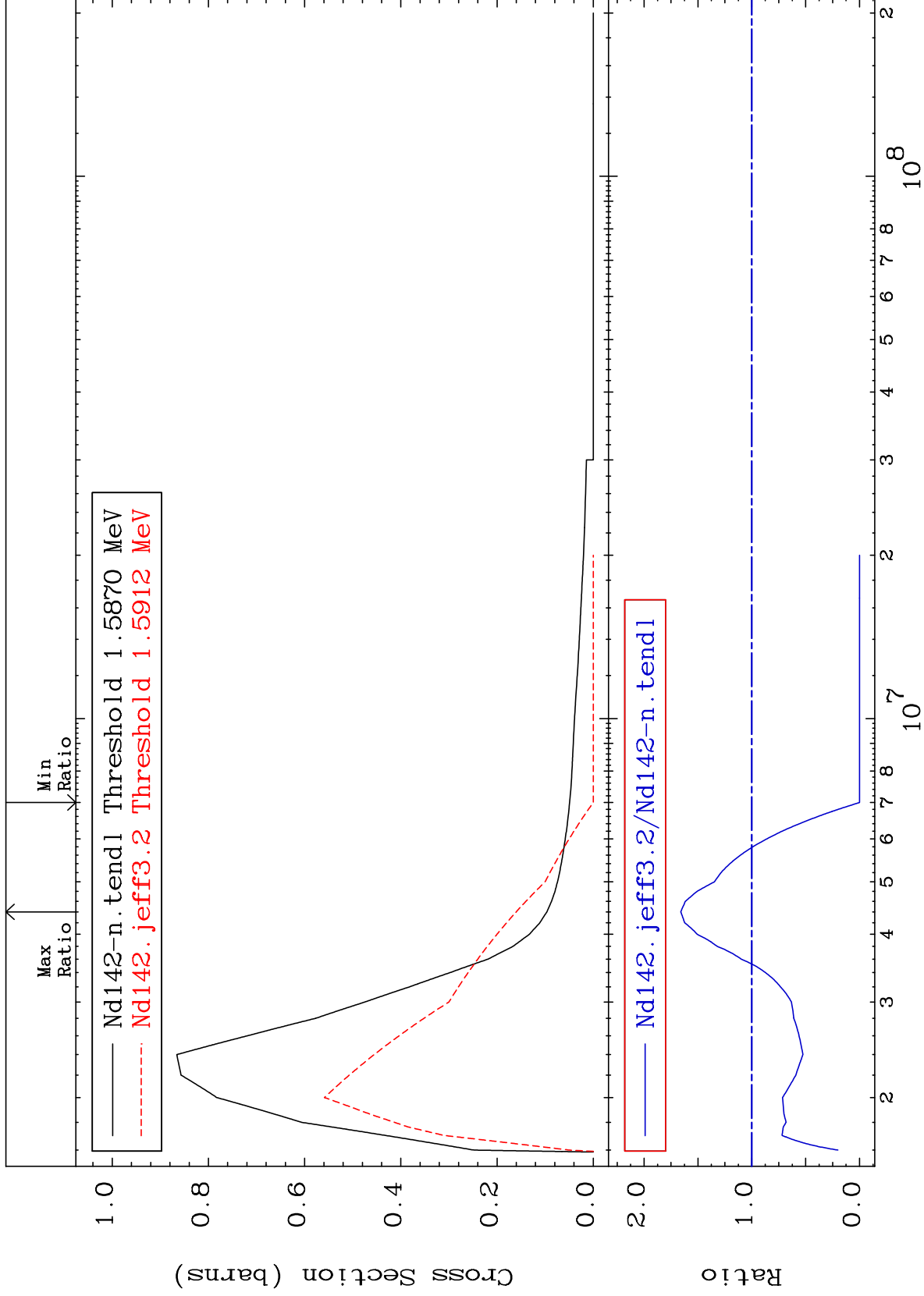
Inelastic Cross Section
60-Nd-142
-79.98 To 232.8 %



MAT 6025

1.576 MeV (n,n') Level
Cross Section

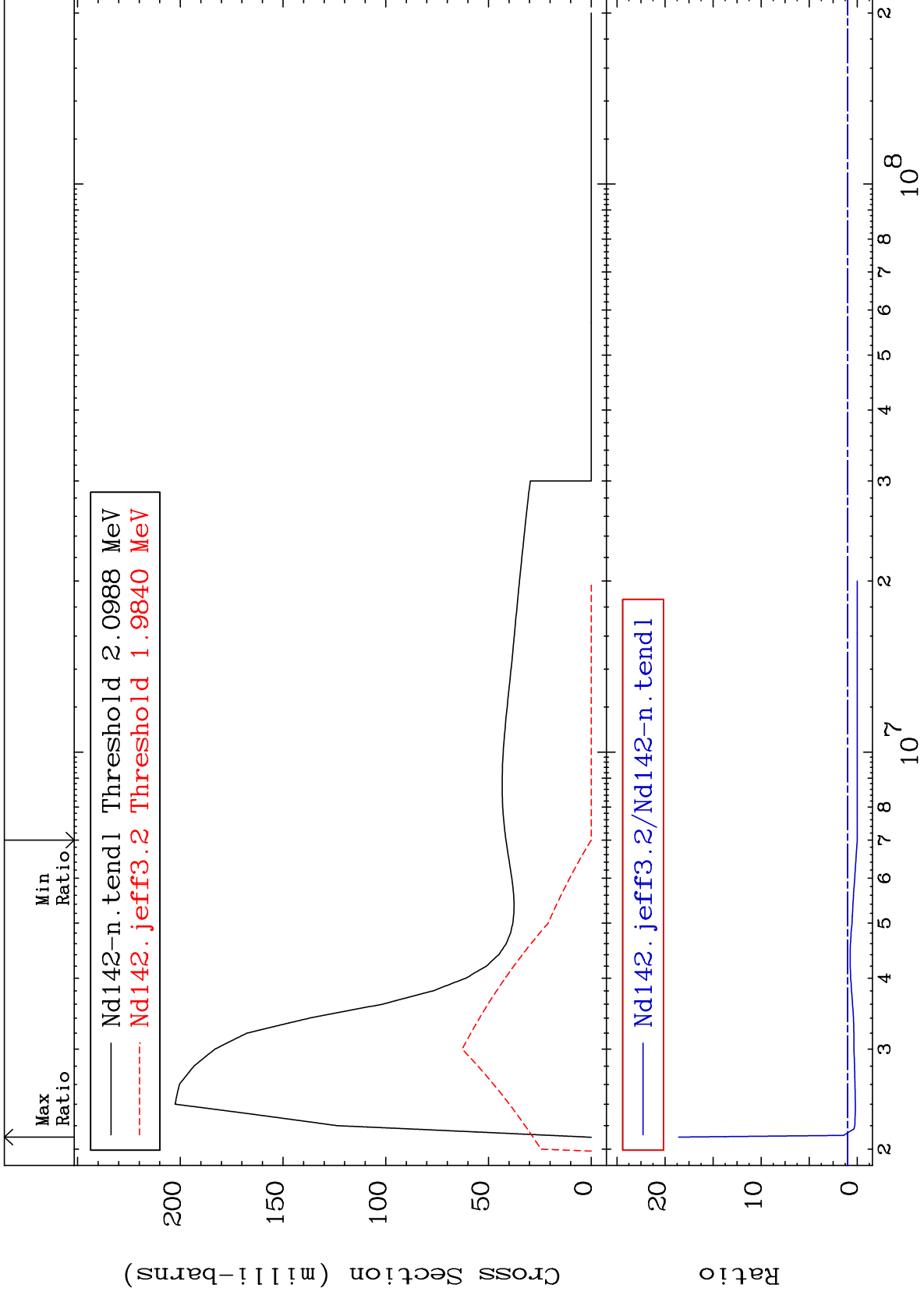
60-Nd-142
-100.0 To 65.94 %



MAT 6025

2.084 MeV (n,n') Level
Cross Section

60-Nd-142
-100.0 To 1758. %



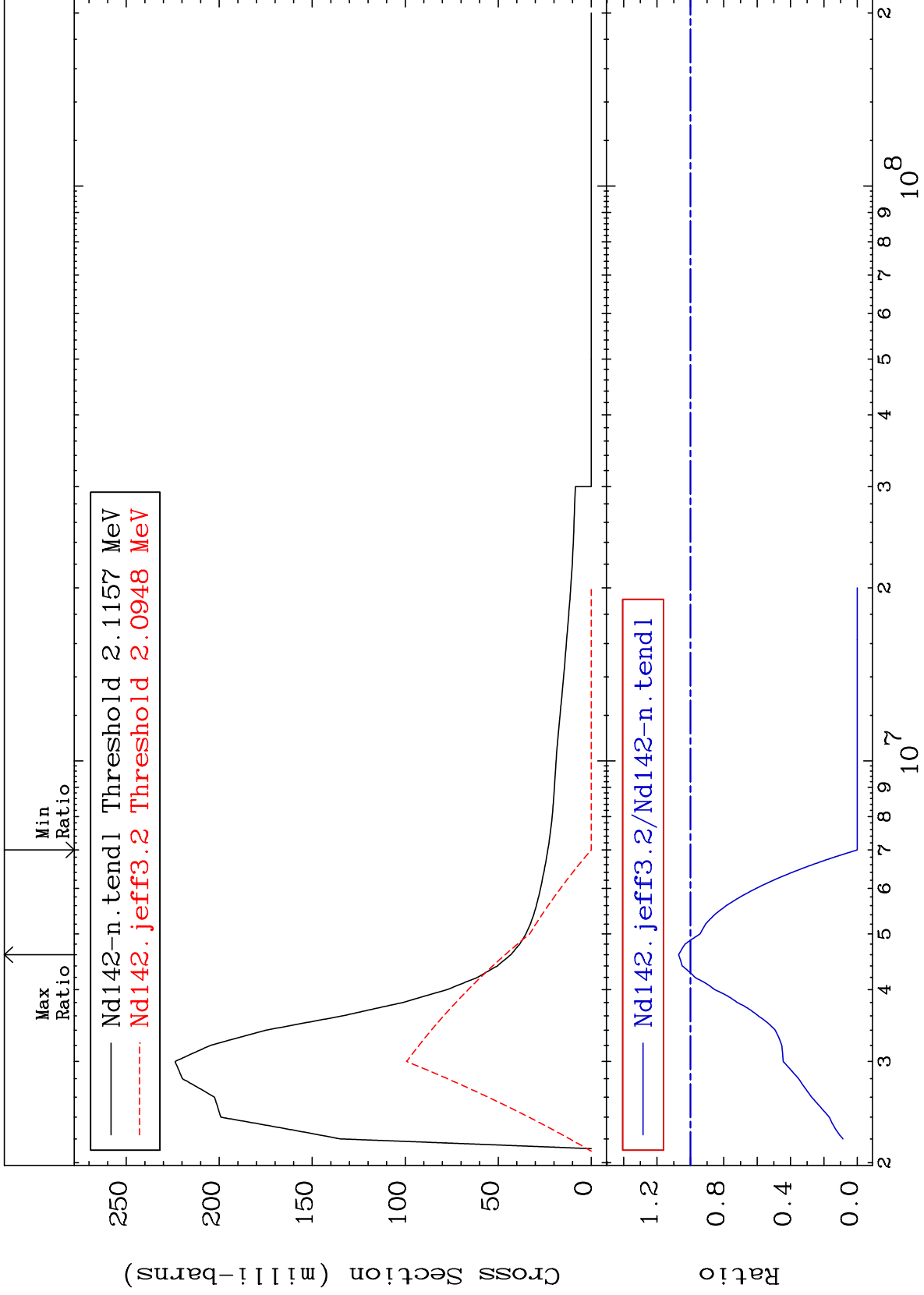
5

60-Nd-142

MAT 6025

2.101 MeV (n,n') Level
Cross Section

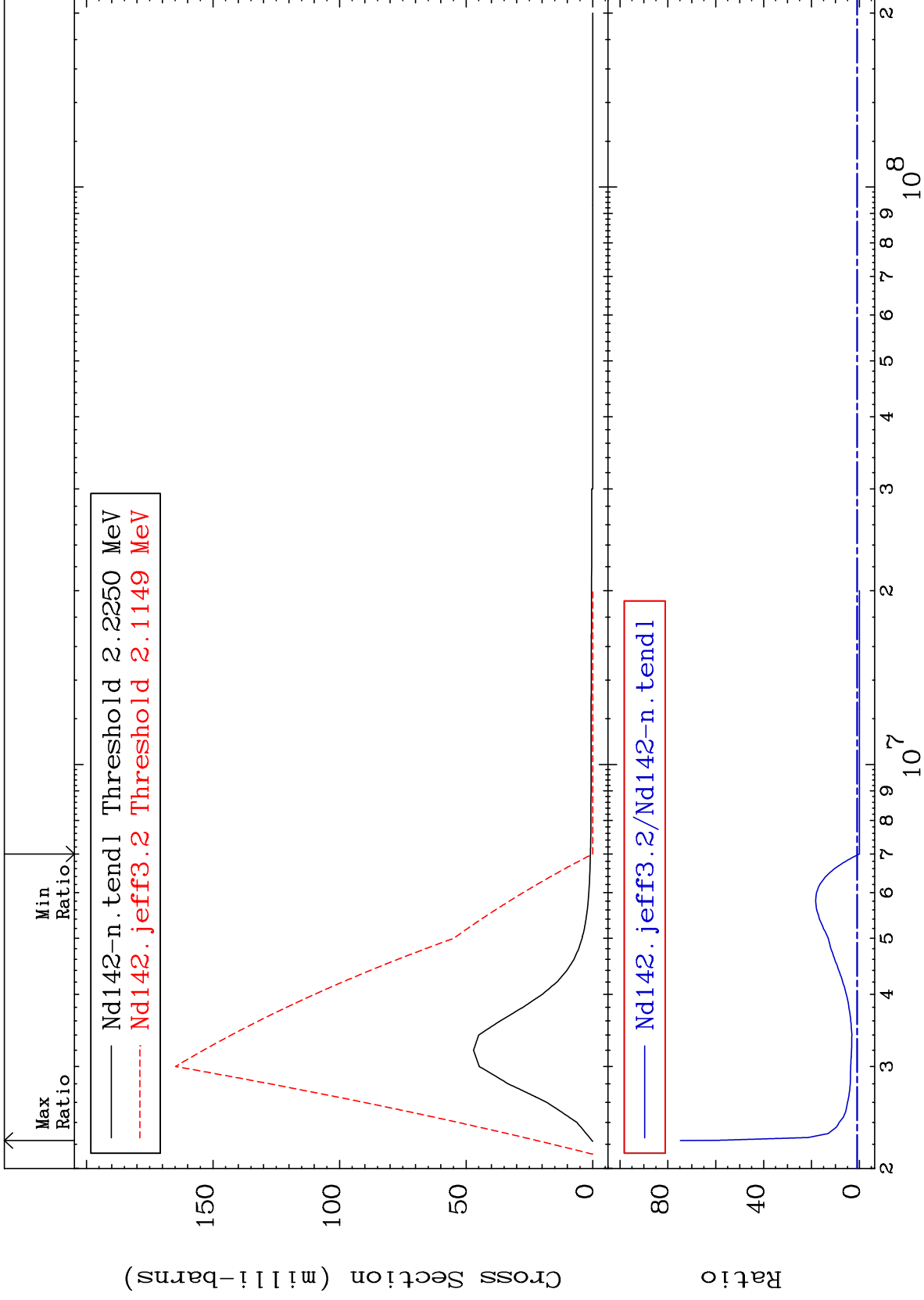
60-Nd-142
-100.0 To 7.067 %



MAT 6025

2.209 MeV (n,n') Level
Cross Section

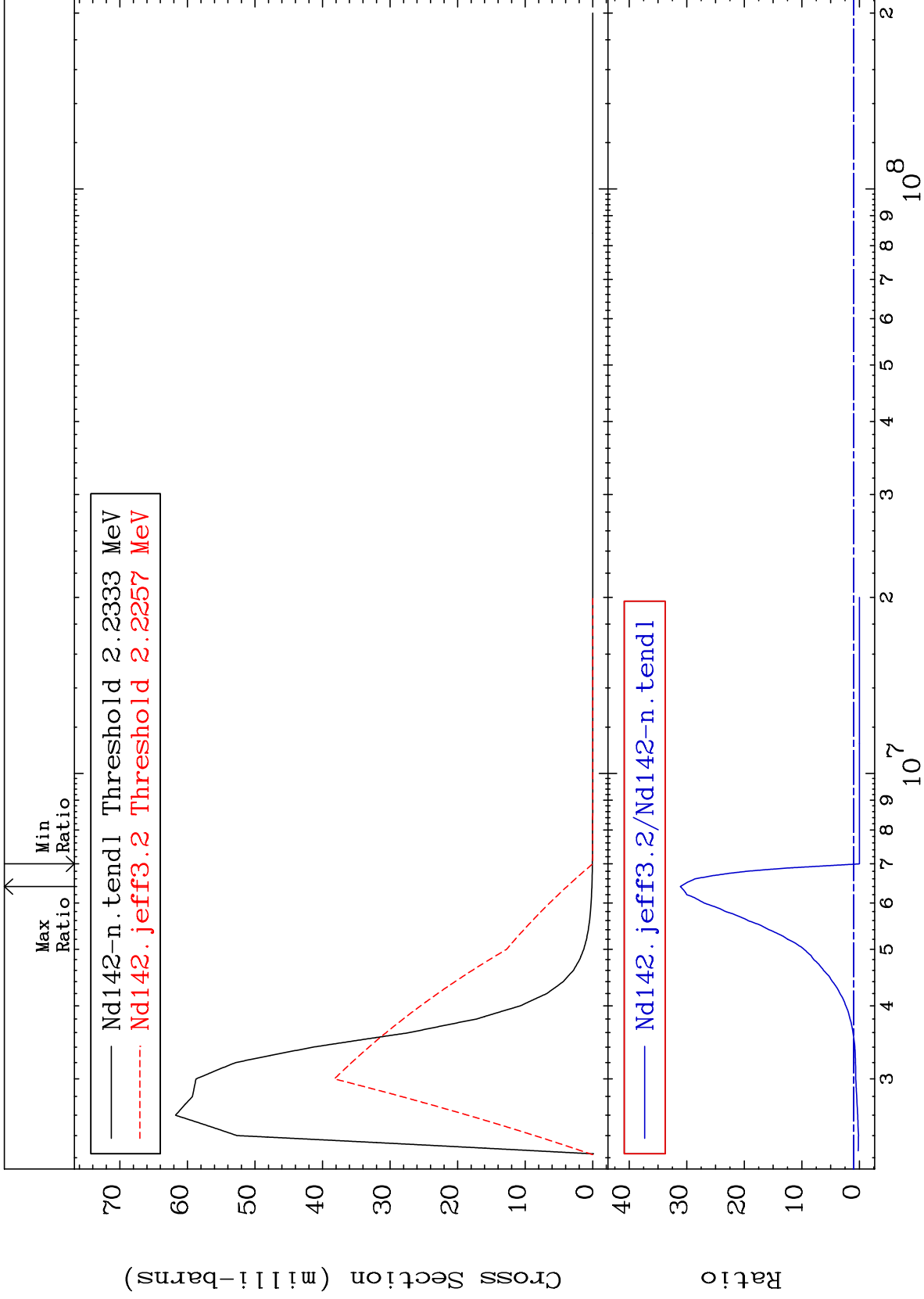
60-Nd-142
-100.0 To 7378. %

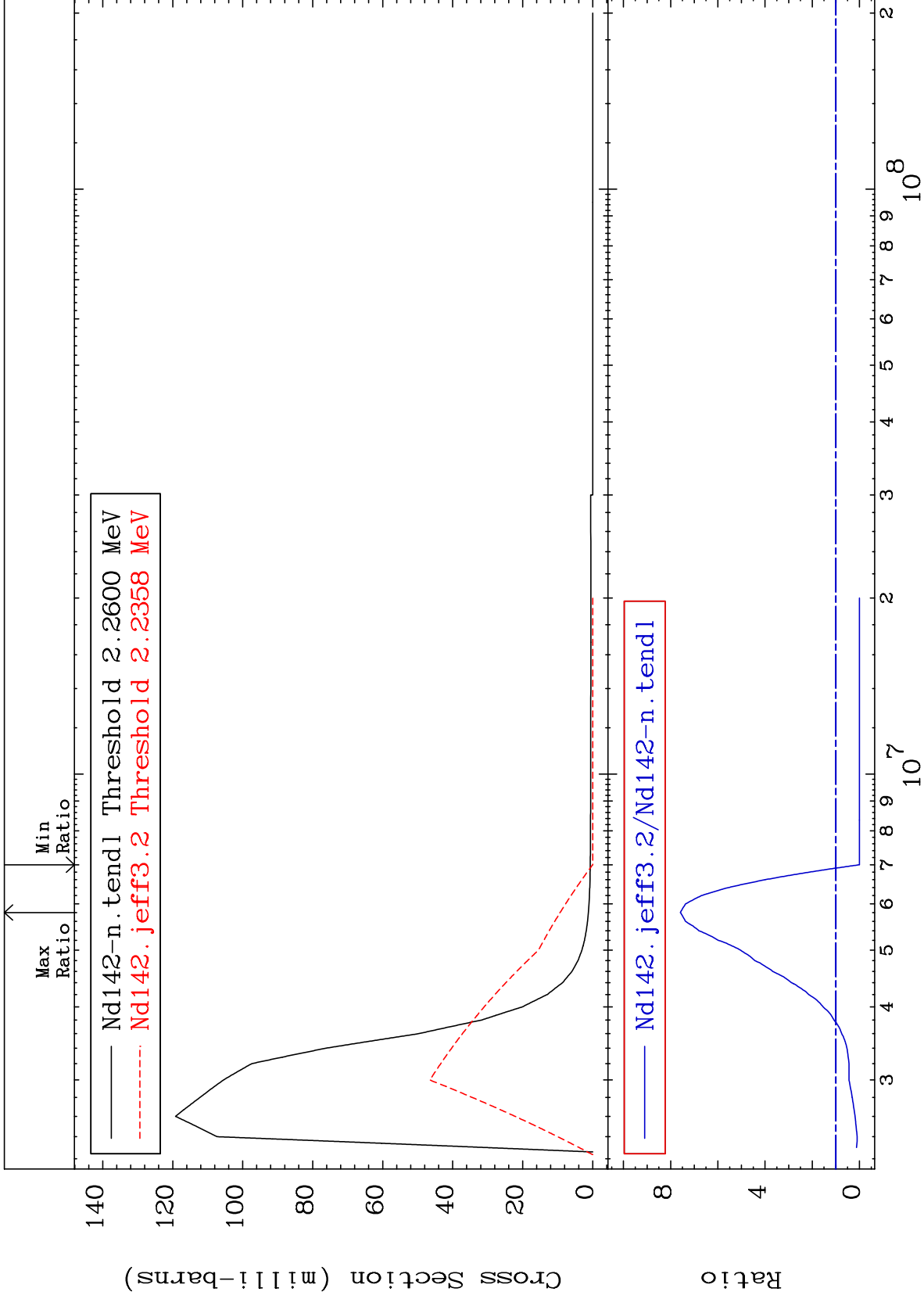


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Incident Energy (eV)

60-Nd-142

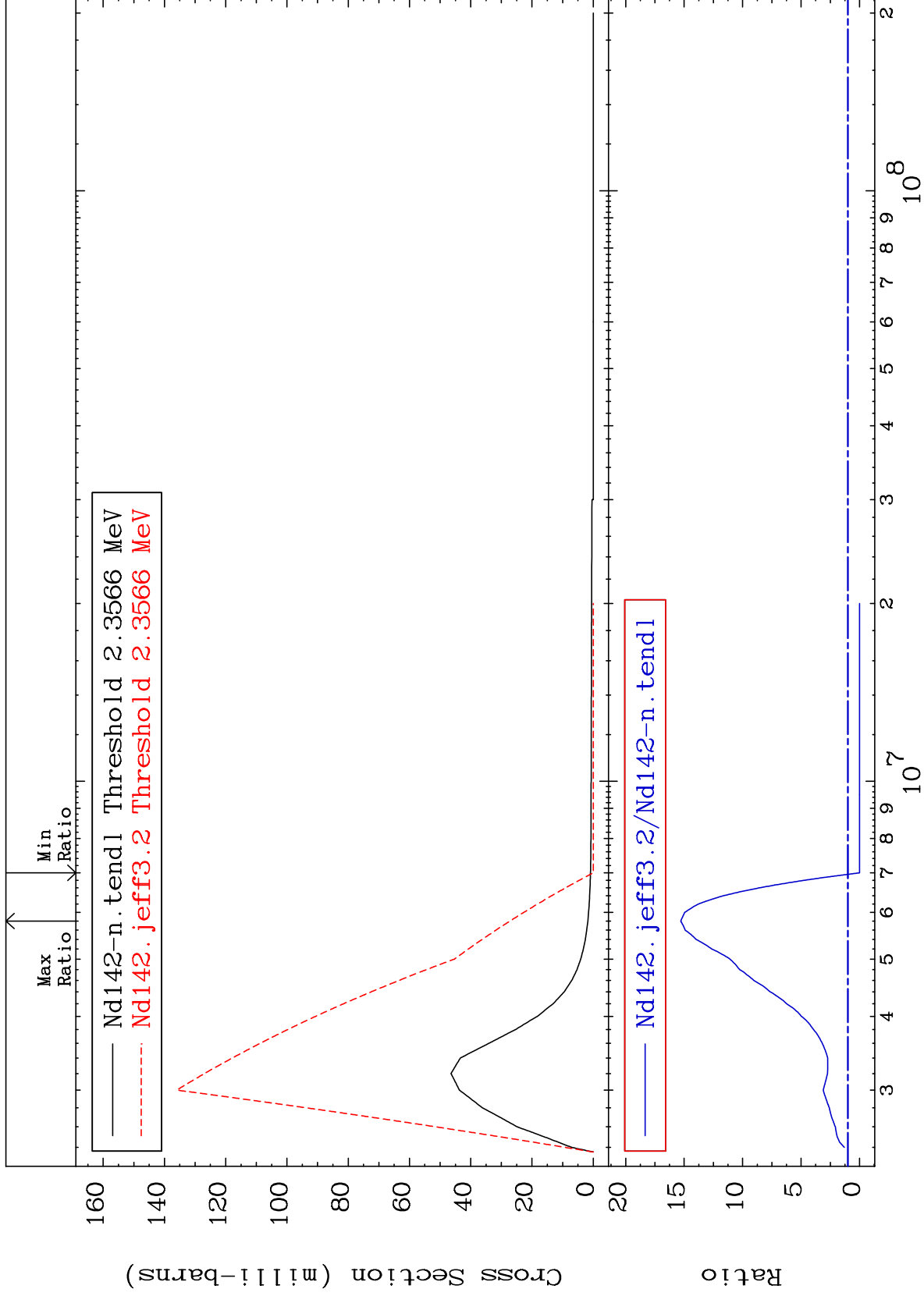




MAT 6025

2.340 MeV (n,n') Level
Cross Section

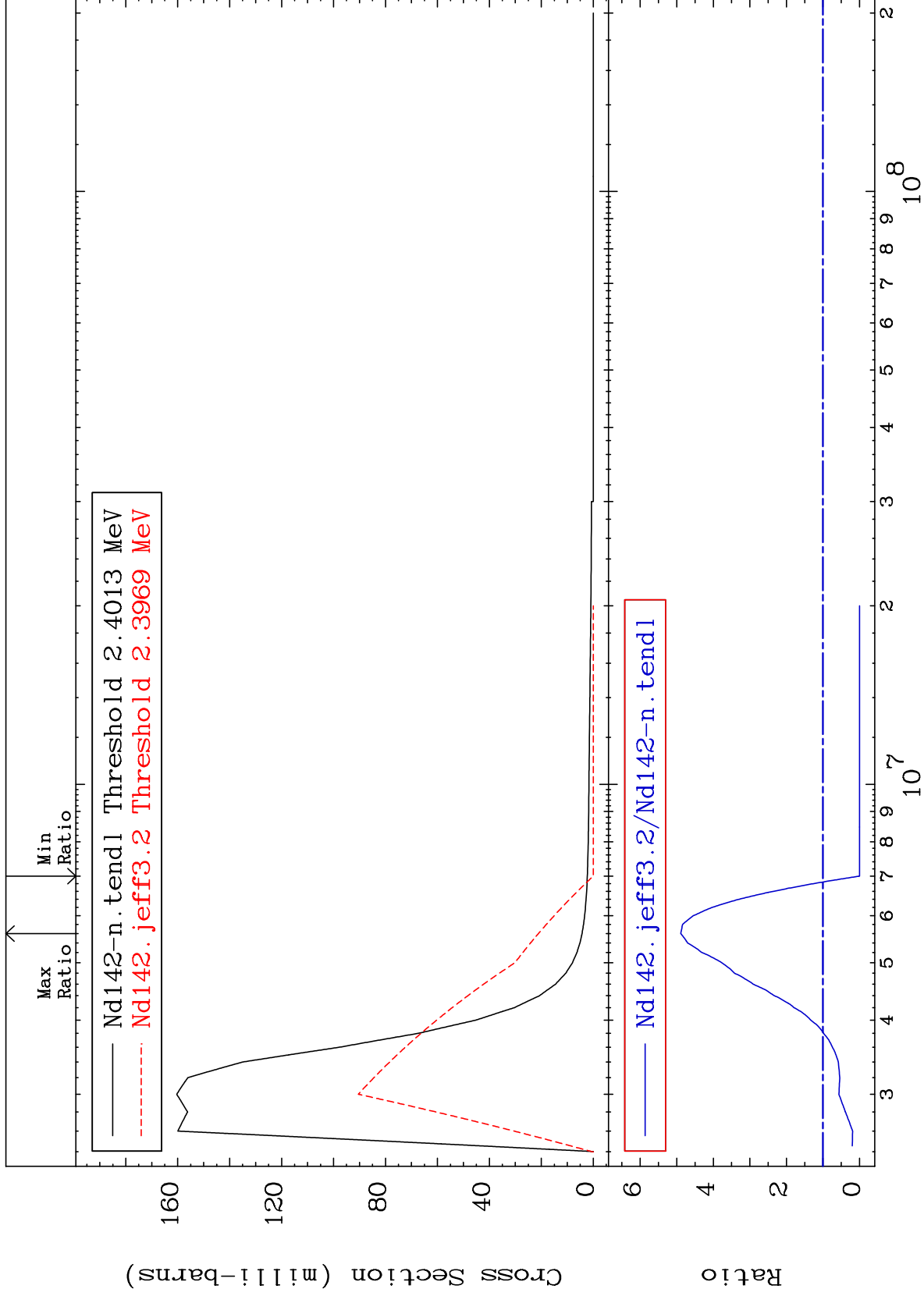
60-Nd-142
-100.0 To 1429. %

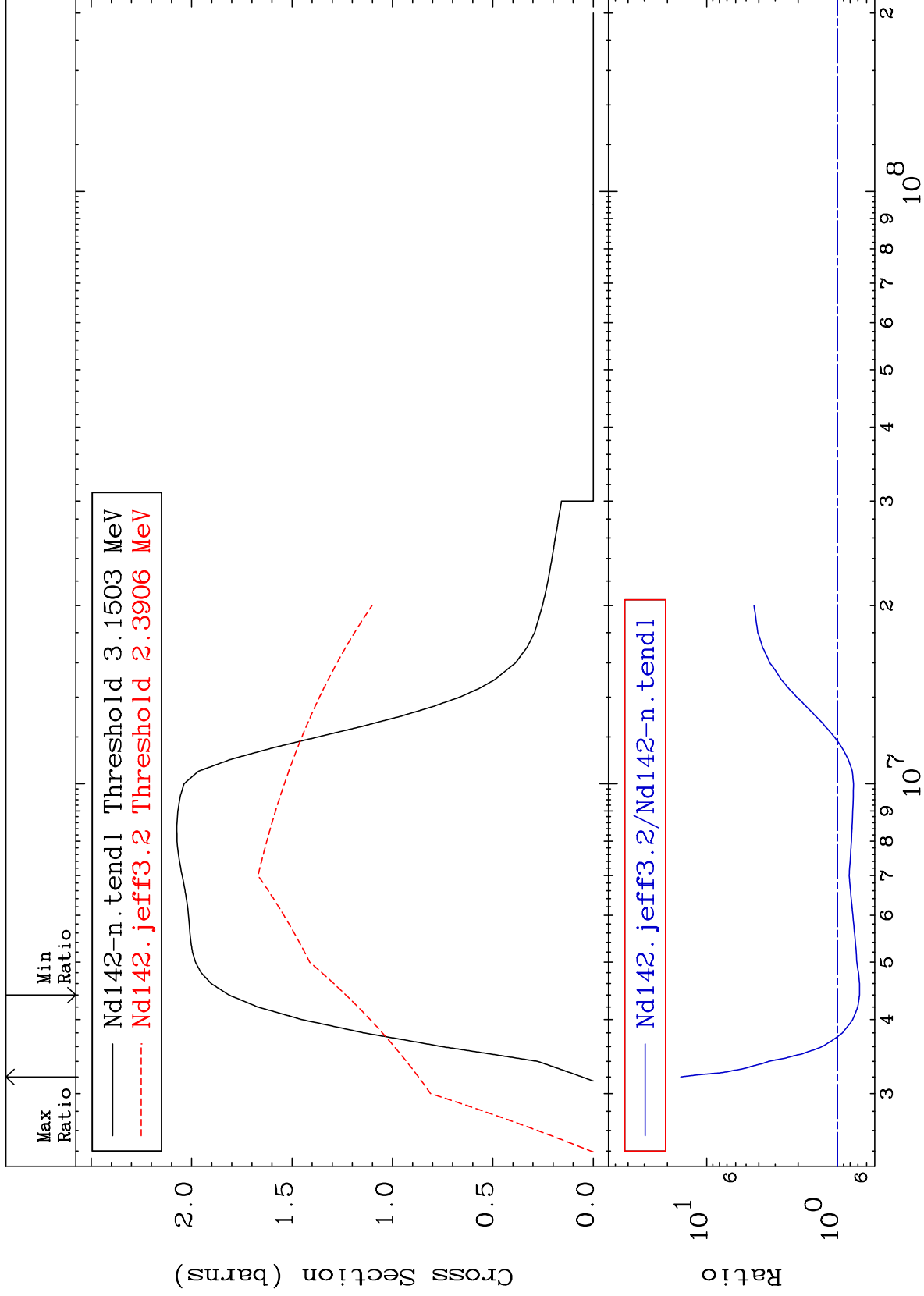


10

Incident Energy (eV)

60-Nd-142

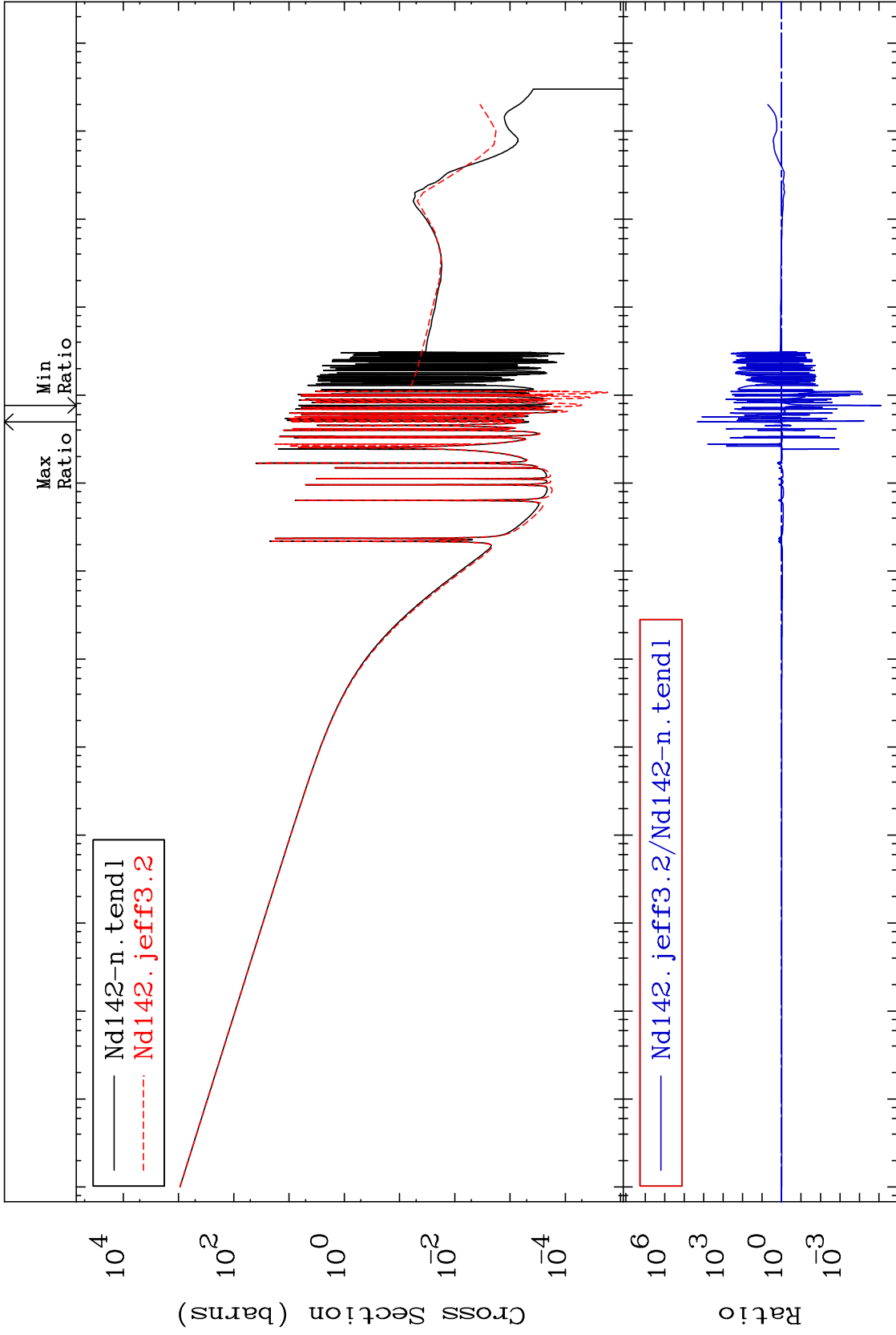




MAT 6025

(n, γ)
Cross Section

60-Nd-142
-100.0 To 9999. %

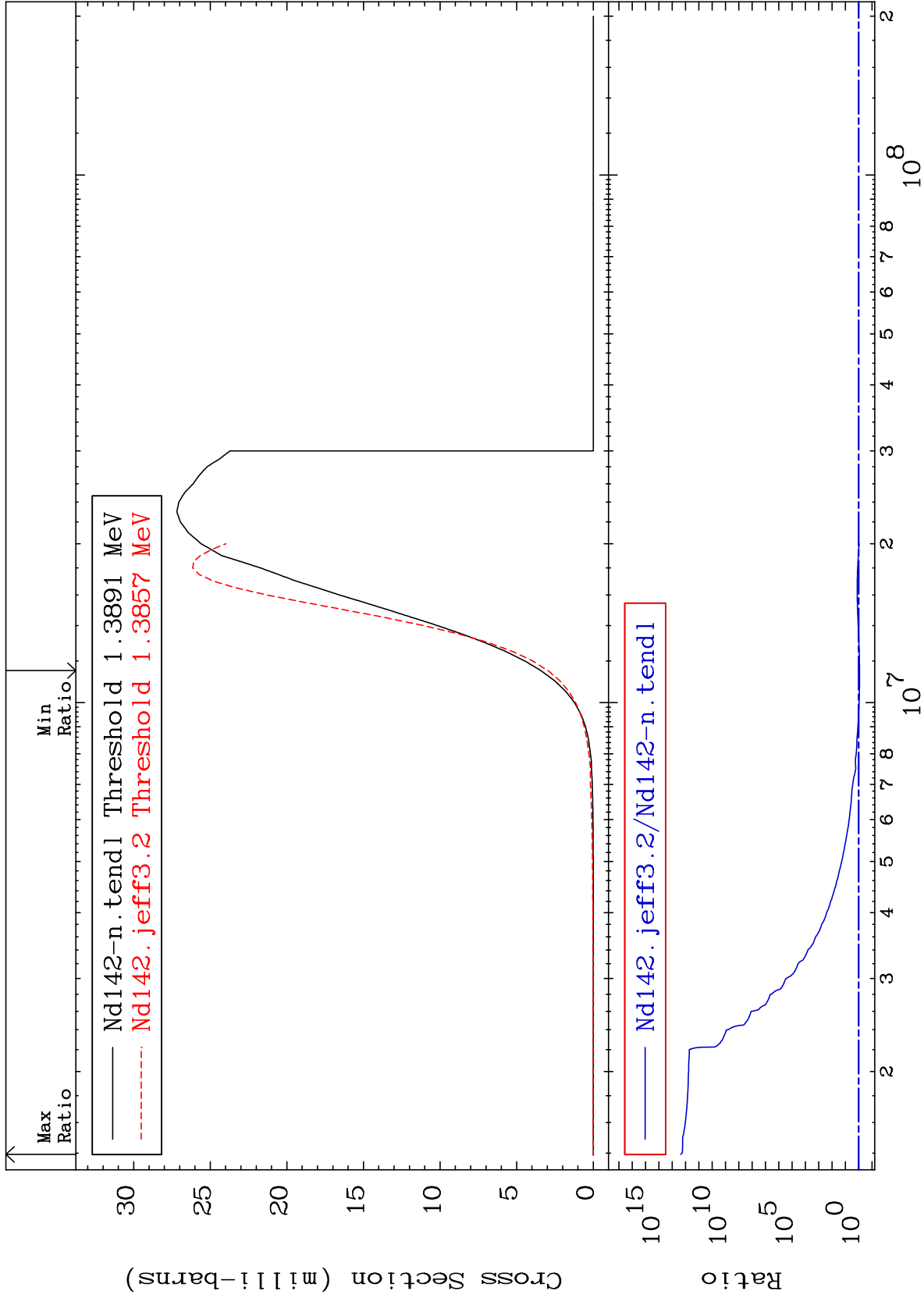


MAT 6025

60-Nd-142

-13.62 To 9999. %

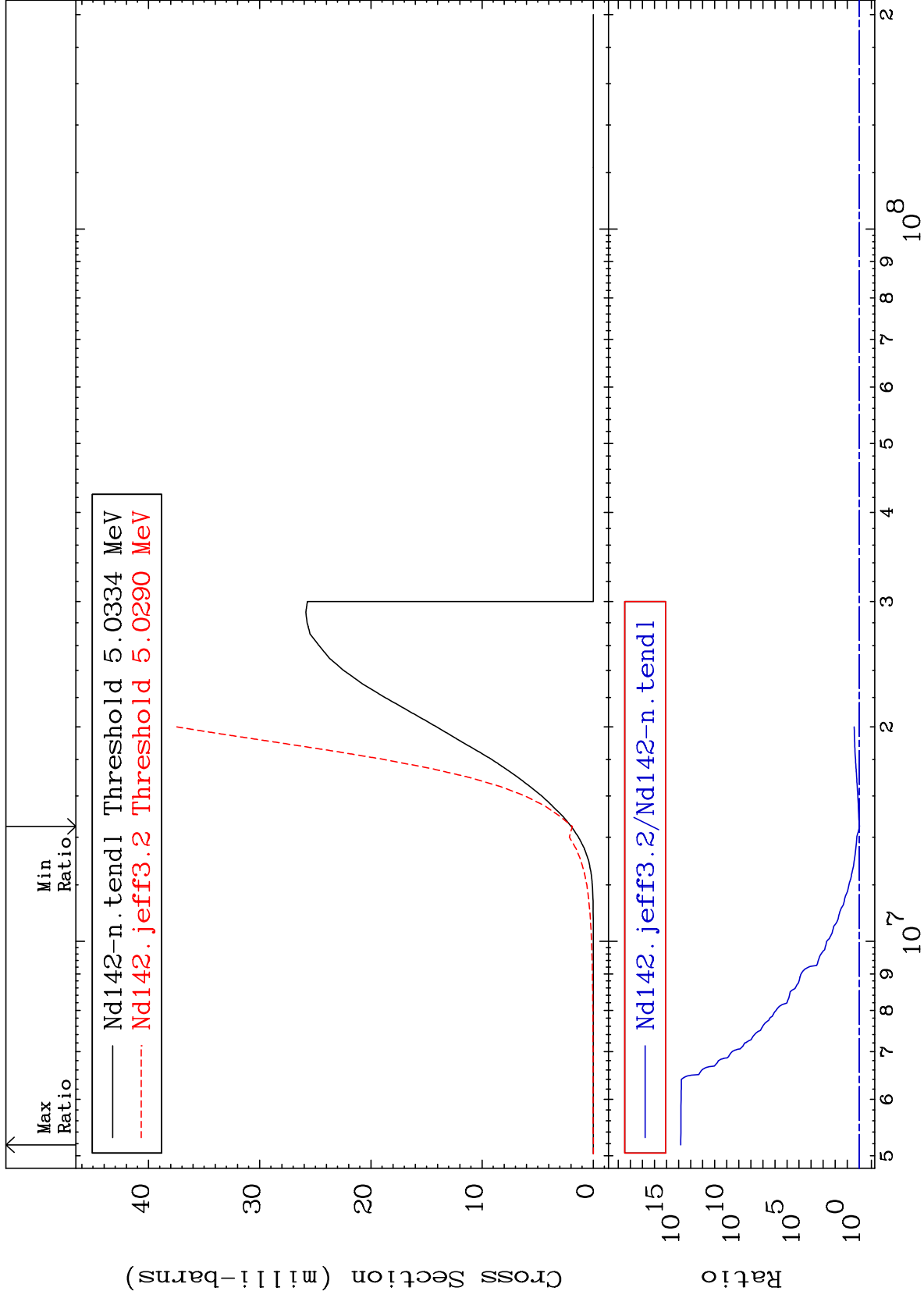
(n,p)
Cross Section



MAT 6025

(n, d)
Cross Section

60-Nd-142
-4.934 To 9999. %



15

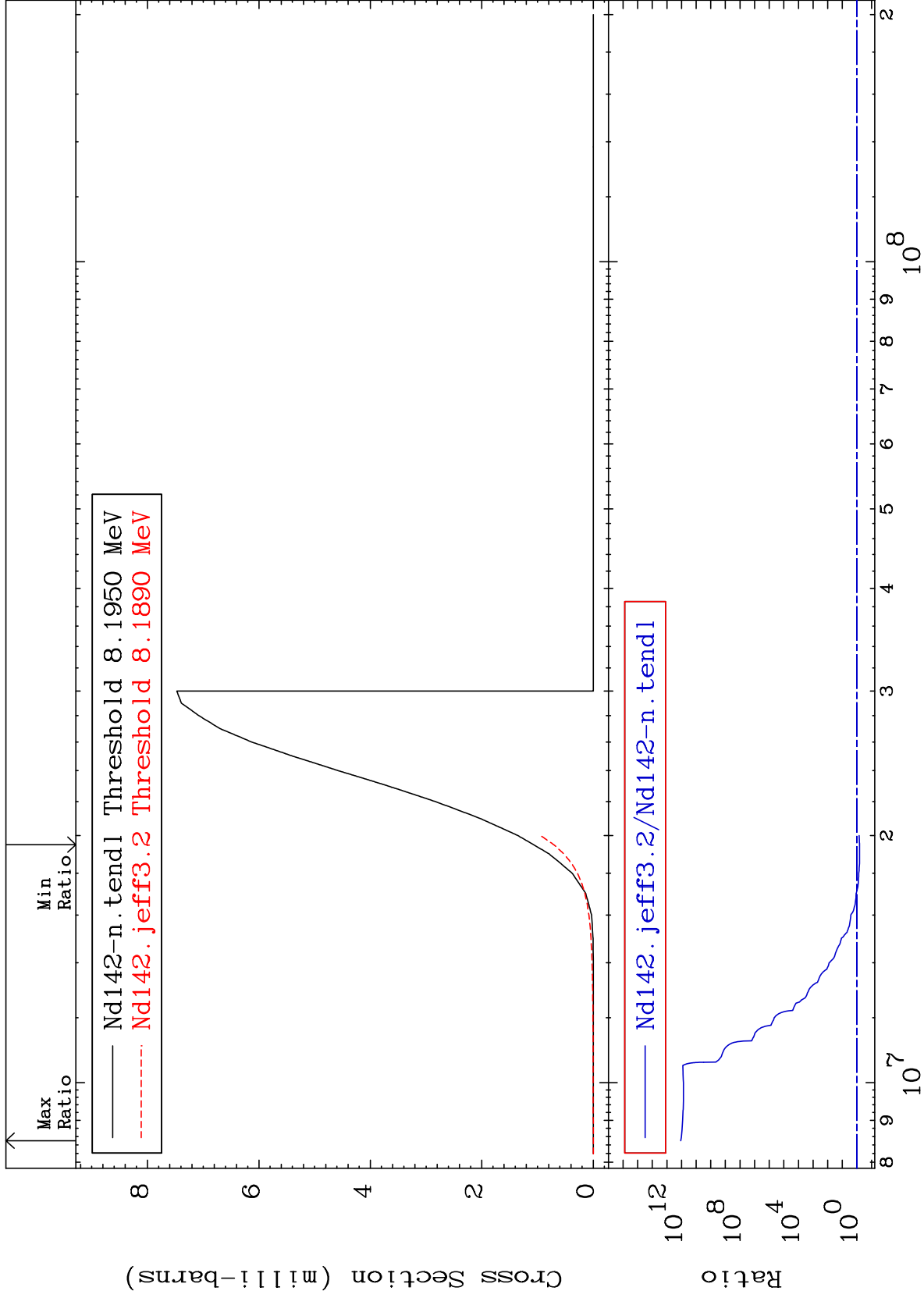
Incident Energy (eV)

60-Nd-142

MAT 6025

(n, t)
Cross Section

60-Nd-142
-33.86 To 9999. %



16

Incident Energy (eV)

60-Nd-142

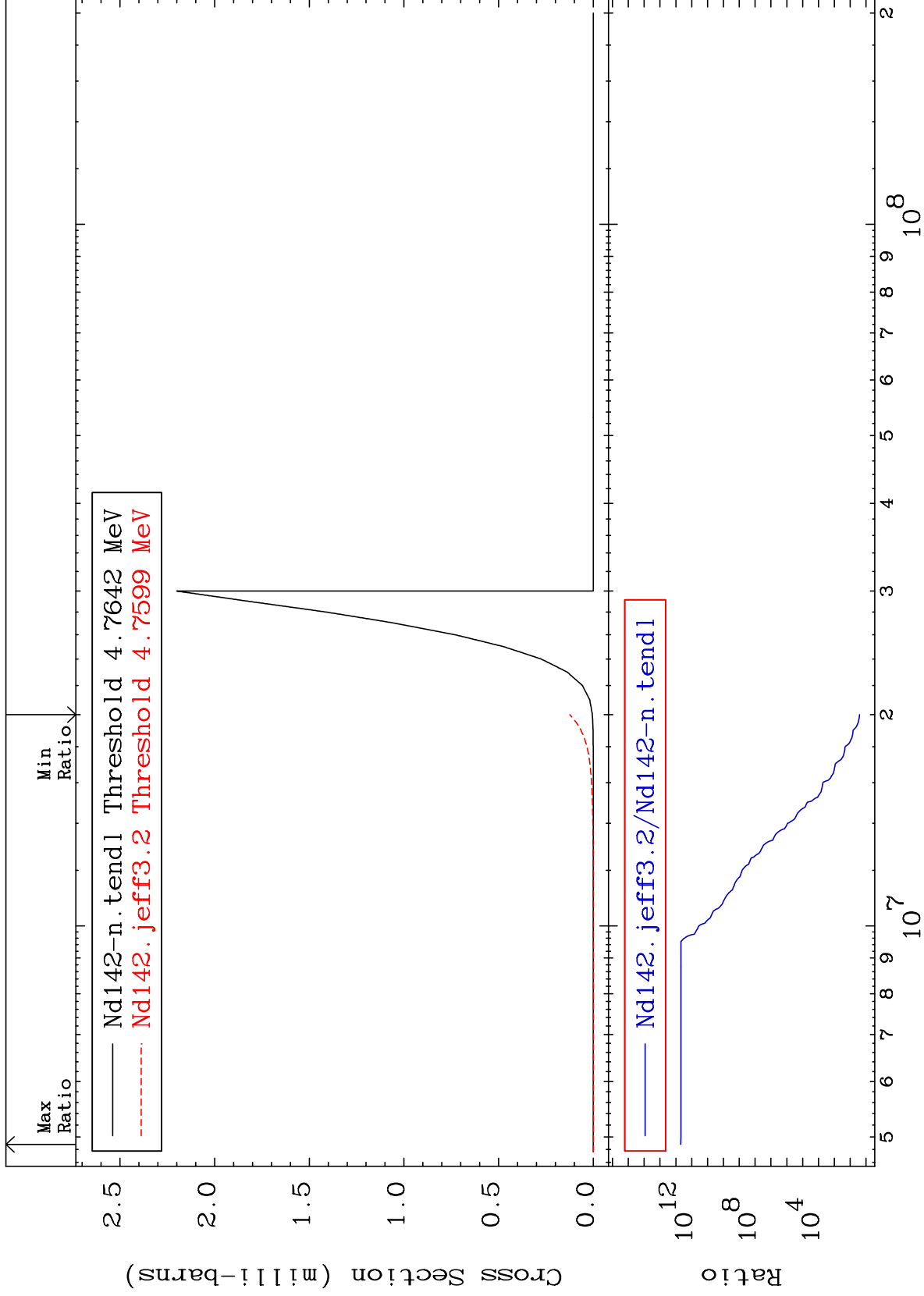
MAT 6025

(n, He-3)

60-Nd-142

Cross Section

2474. To 9999. %



17

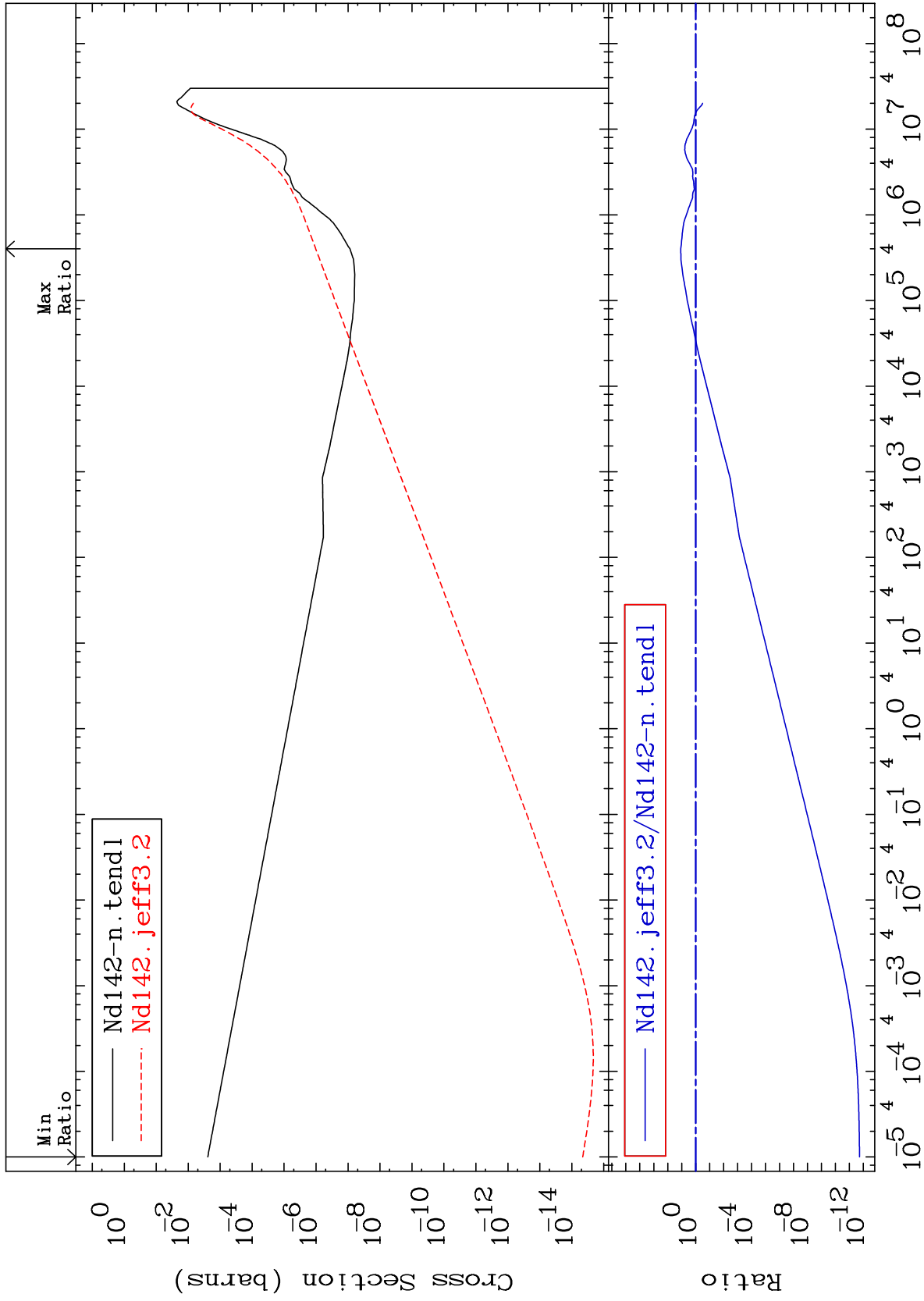
60-Nd-142

MAT 6025

(n, α)
Cross Section

60-Nd-142

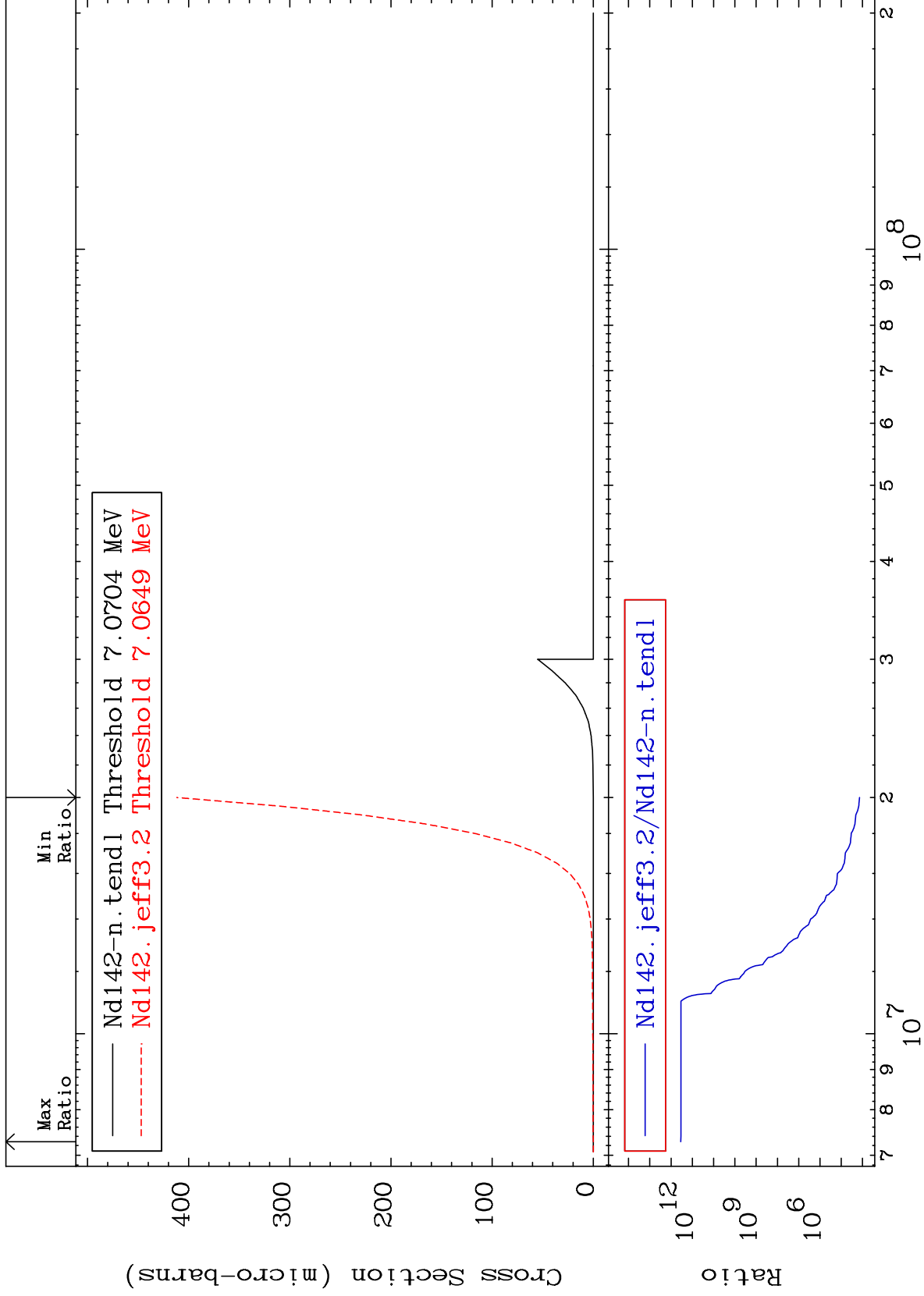
-100.0 To 1068. %



MAT 6025

(n,2p)
Cross Section

60-Nd-142
9999. To 9999. %



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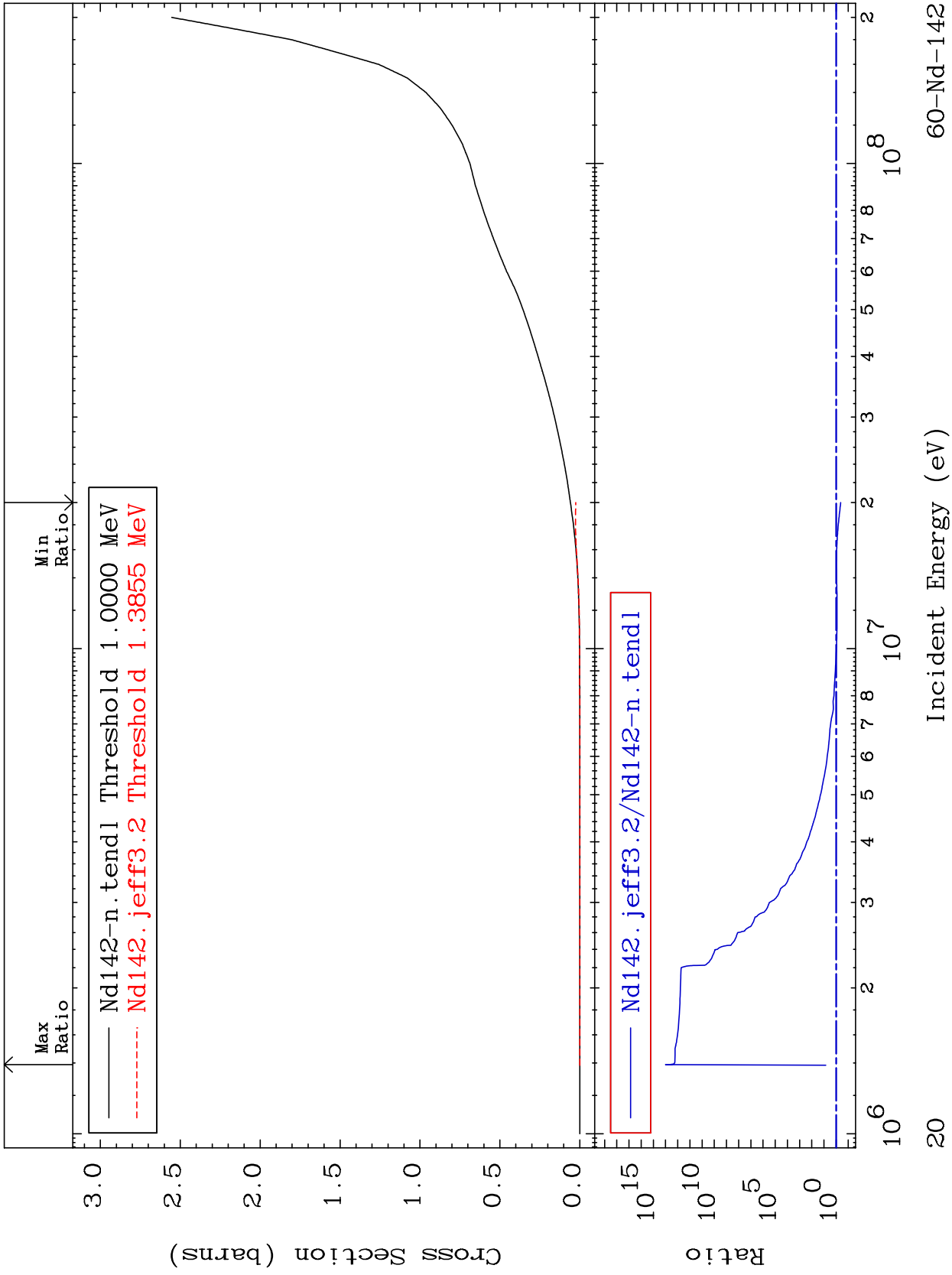
Incident Energy (eV)

60-Nd-142

MAT 6025

Hydrogen Production
Cross Section

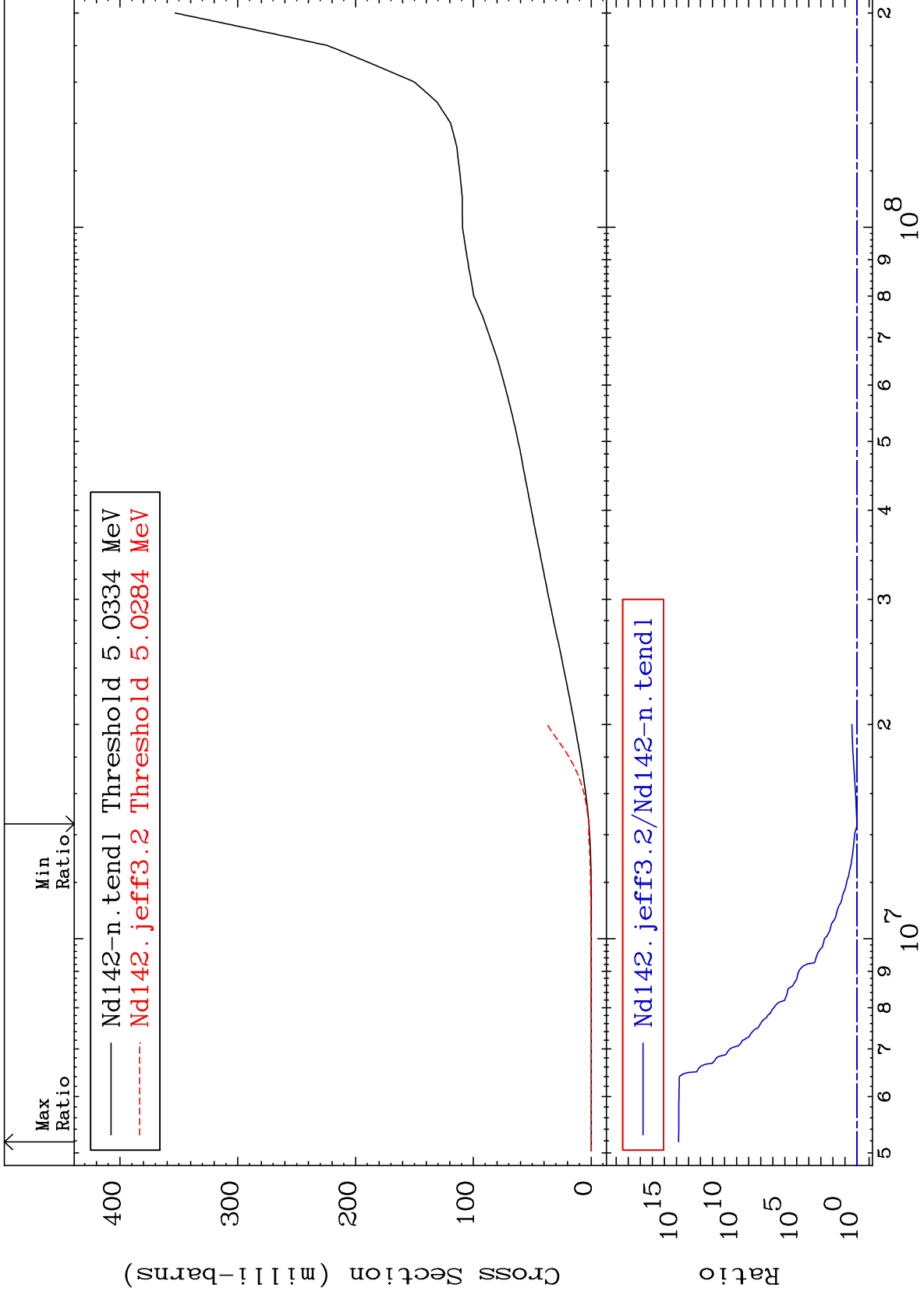
60-Nd-142
-57.62 To 9999. %



MAT 6025

Deuterium Production
Cross Section

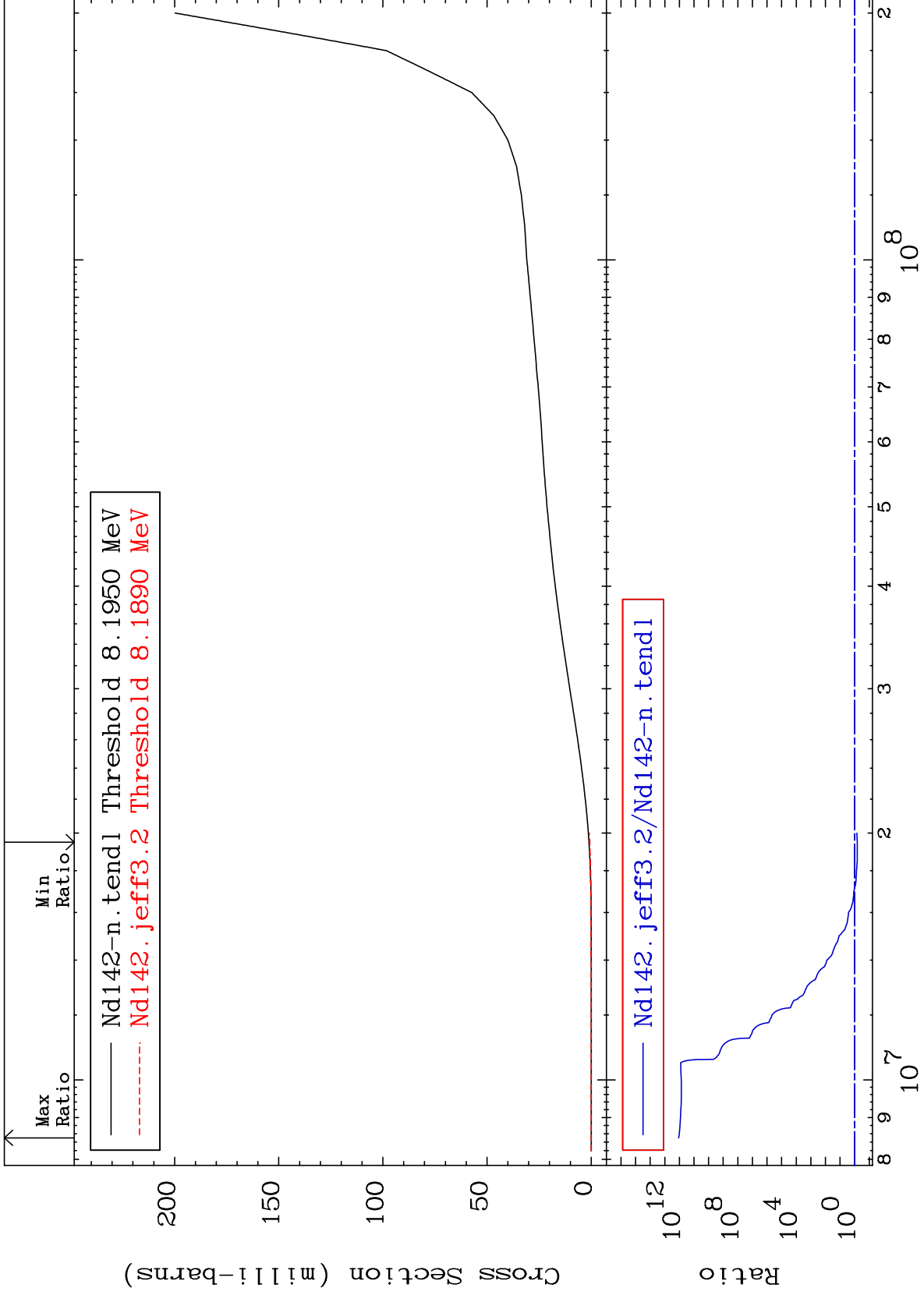
60-Nd-142
-4.934 To 9999. %



MAT 6025

Tritium Production
Cross Section

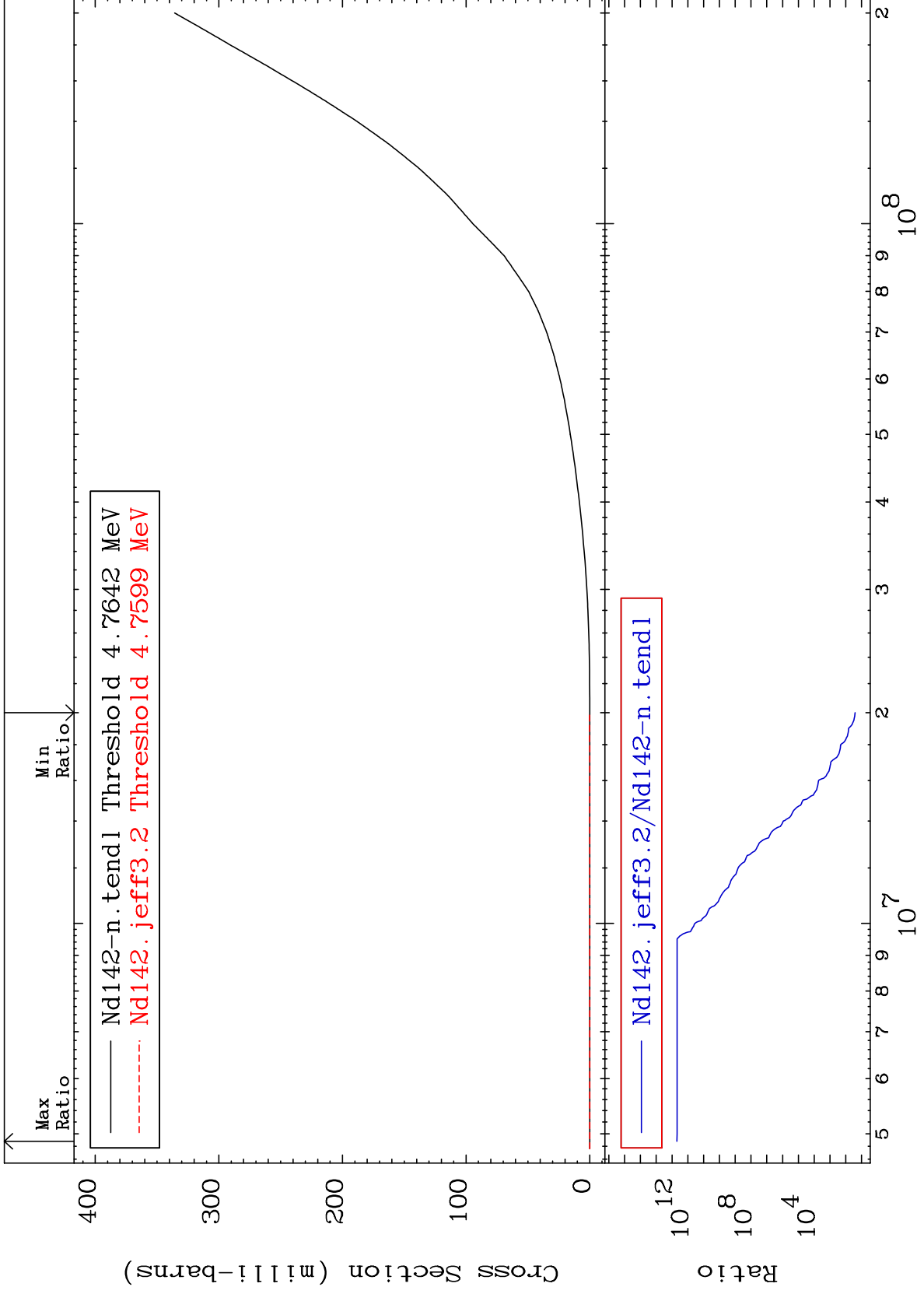
60-Nd-142
-33.86 To 9999. %



MAT 6025

He-3 Production
Cross Section

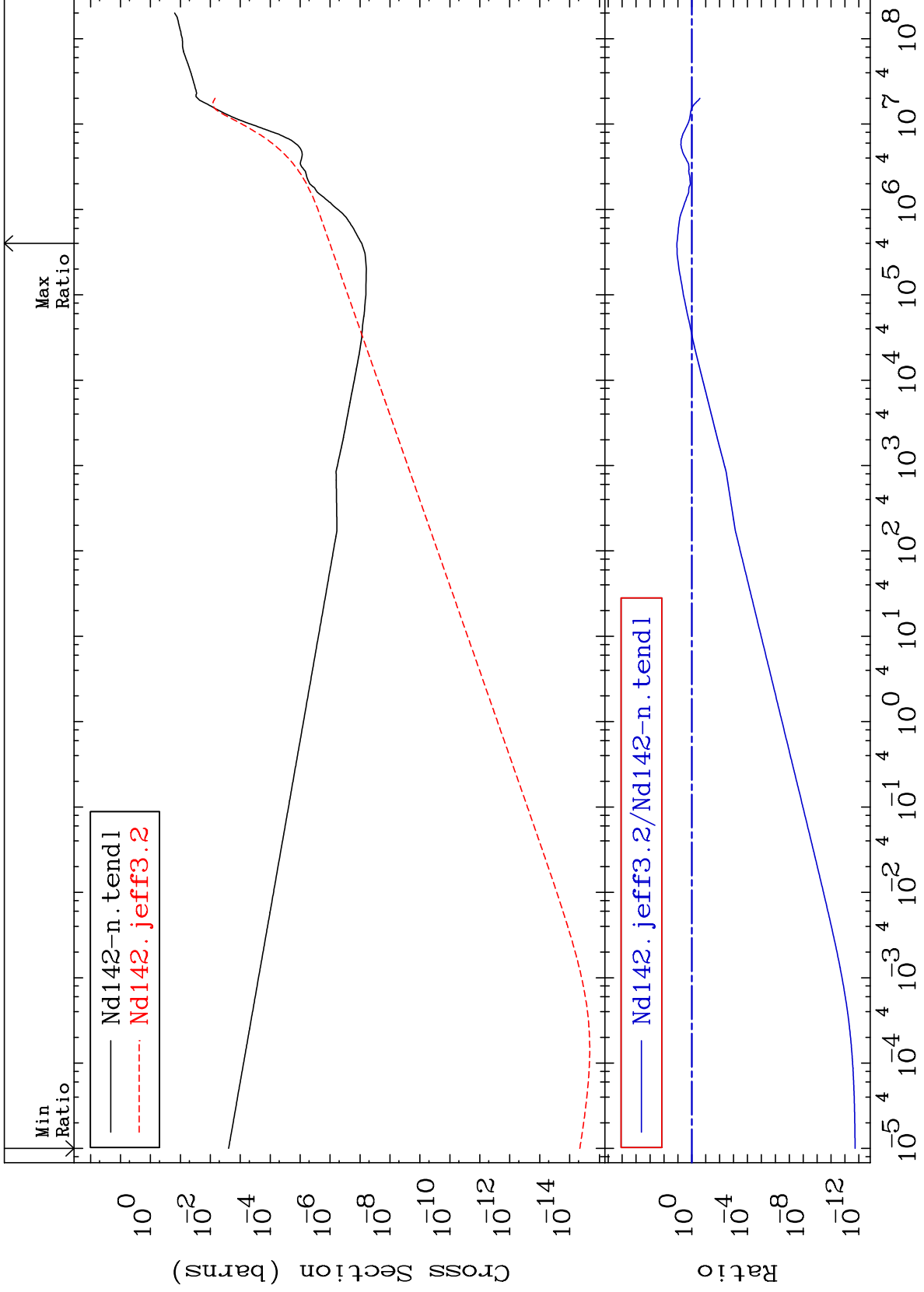
60-Nd-142
2474. To 9999. %

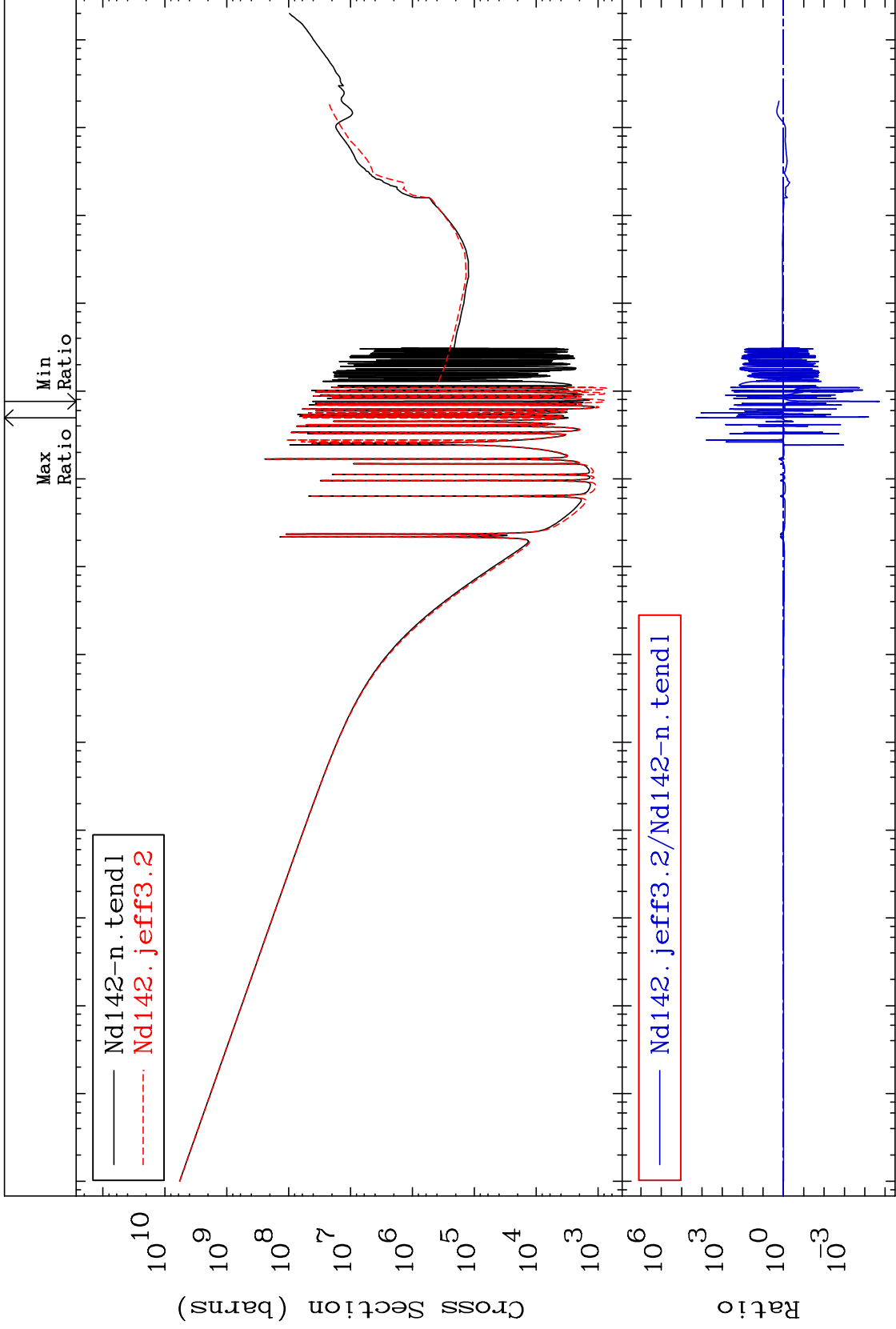


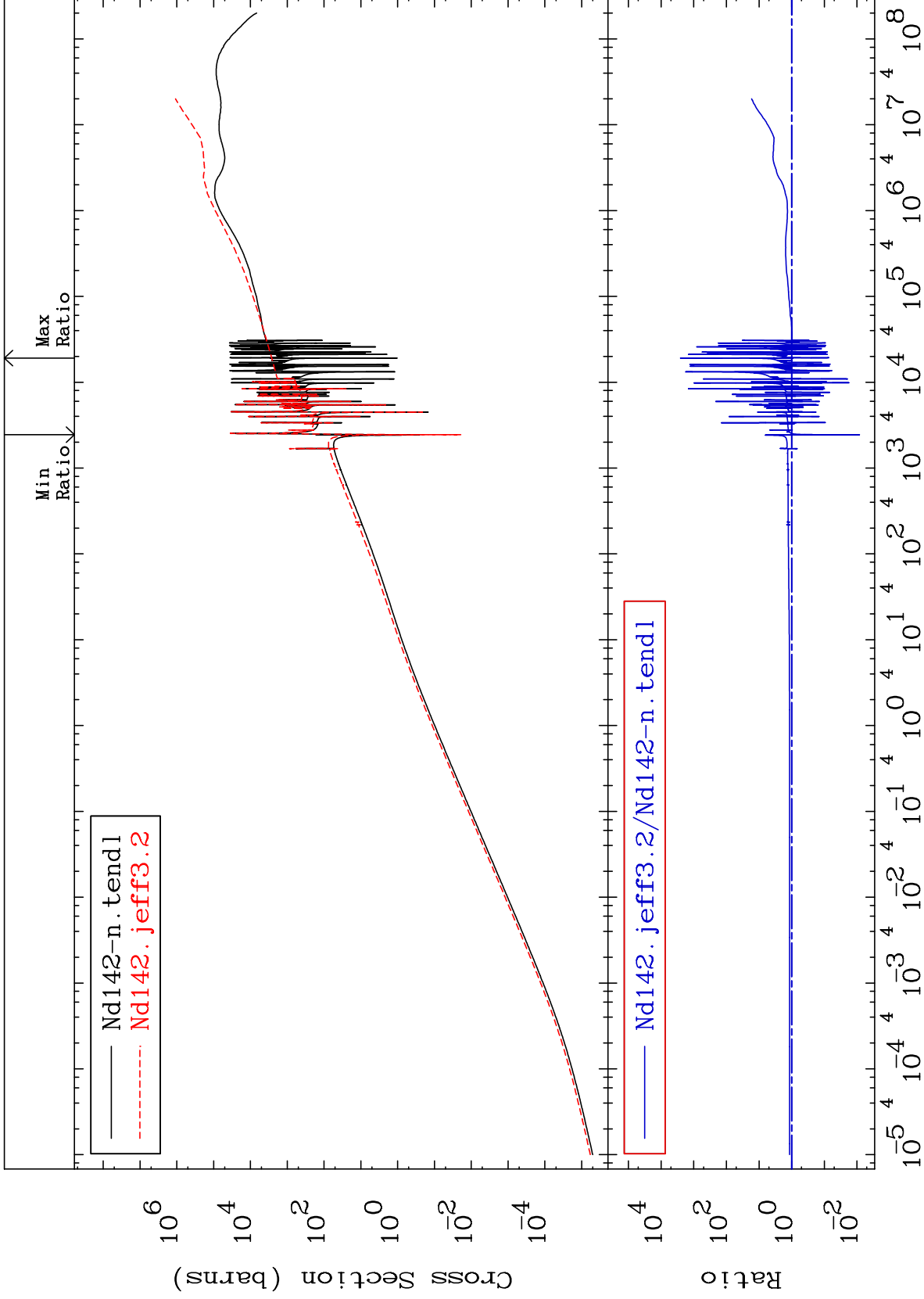
MAT 6025

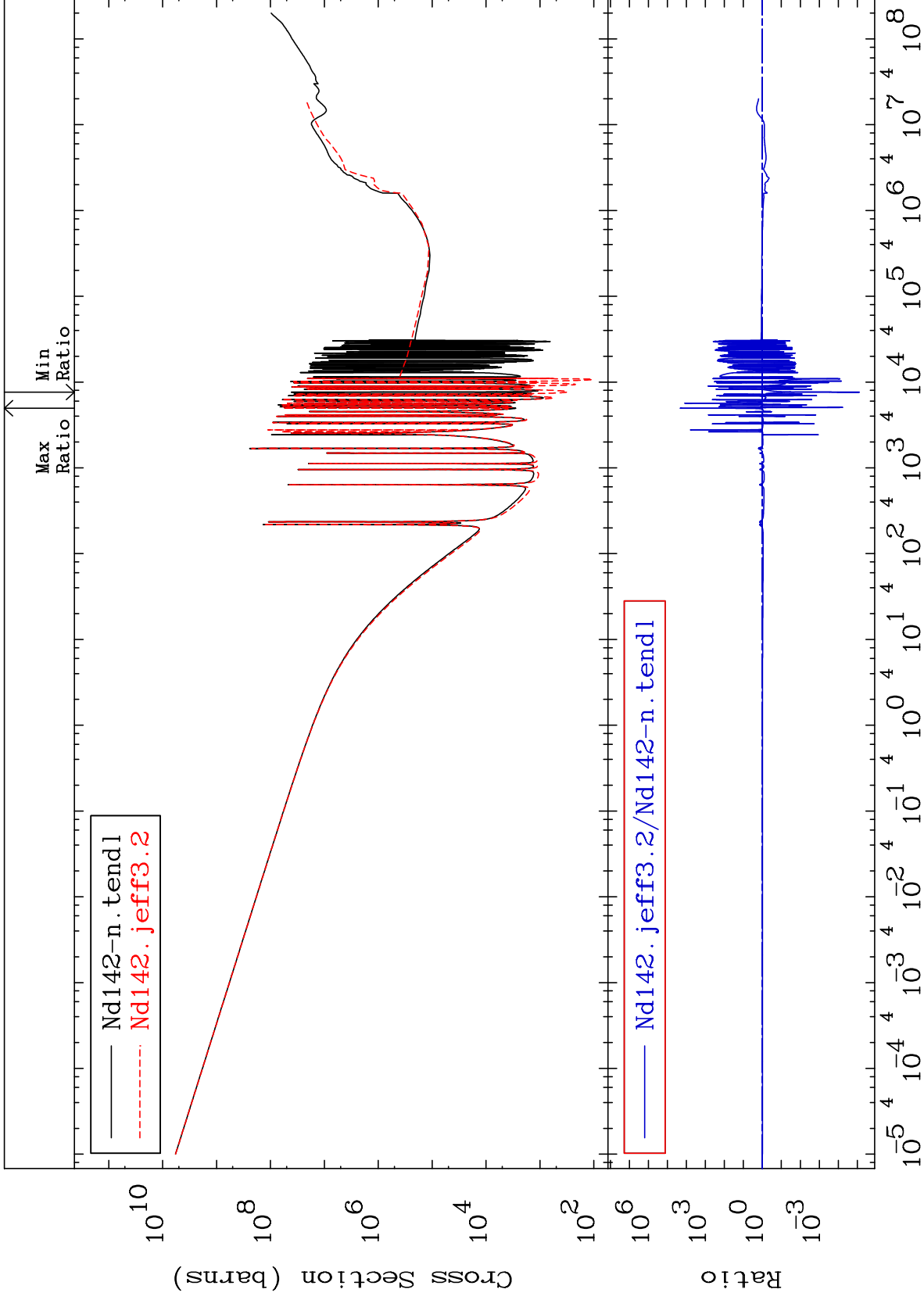
He-4 Production
Cross Section

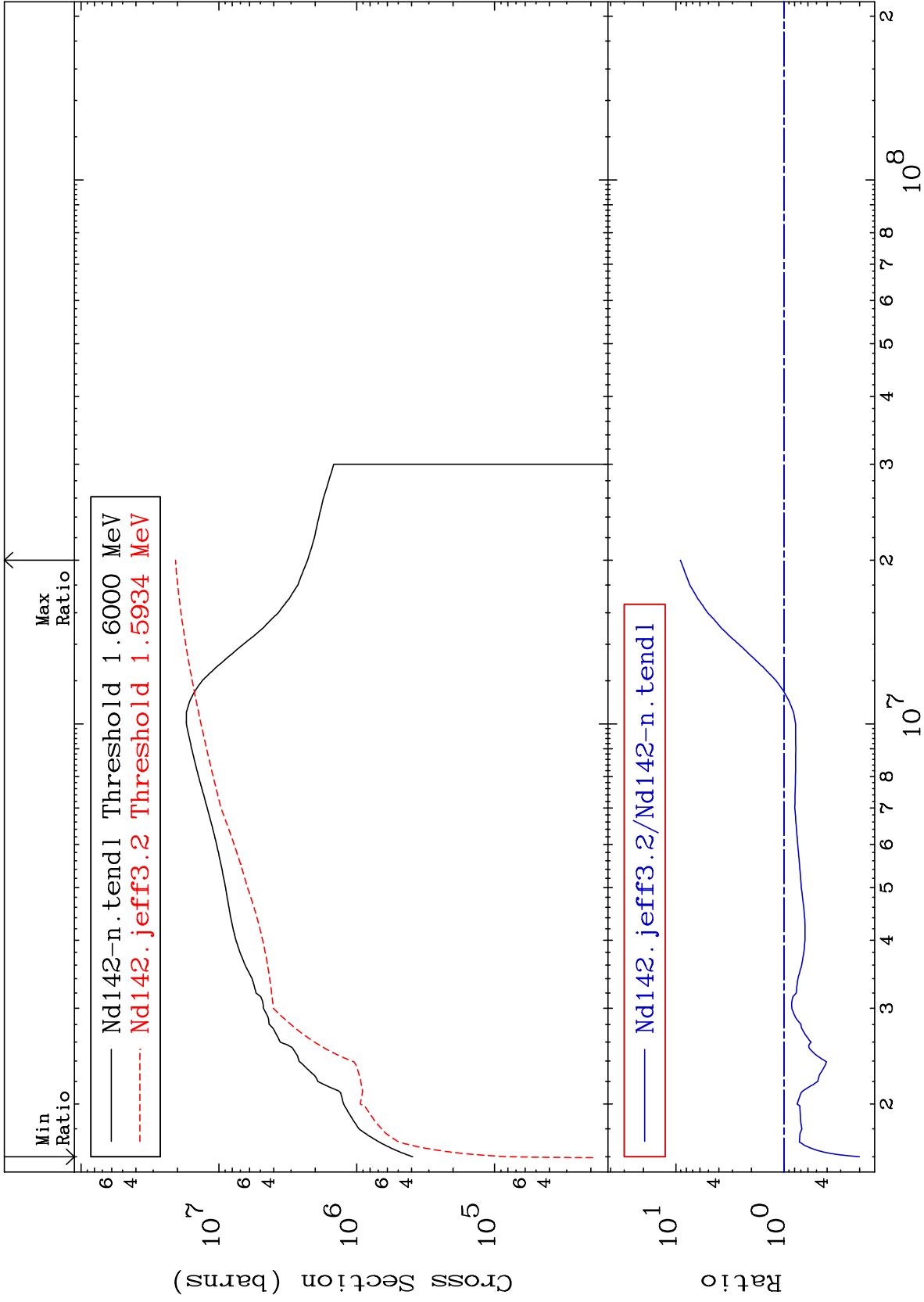
60-Nd-142
-100.0 To 1068. %







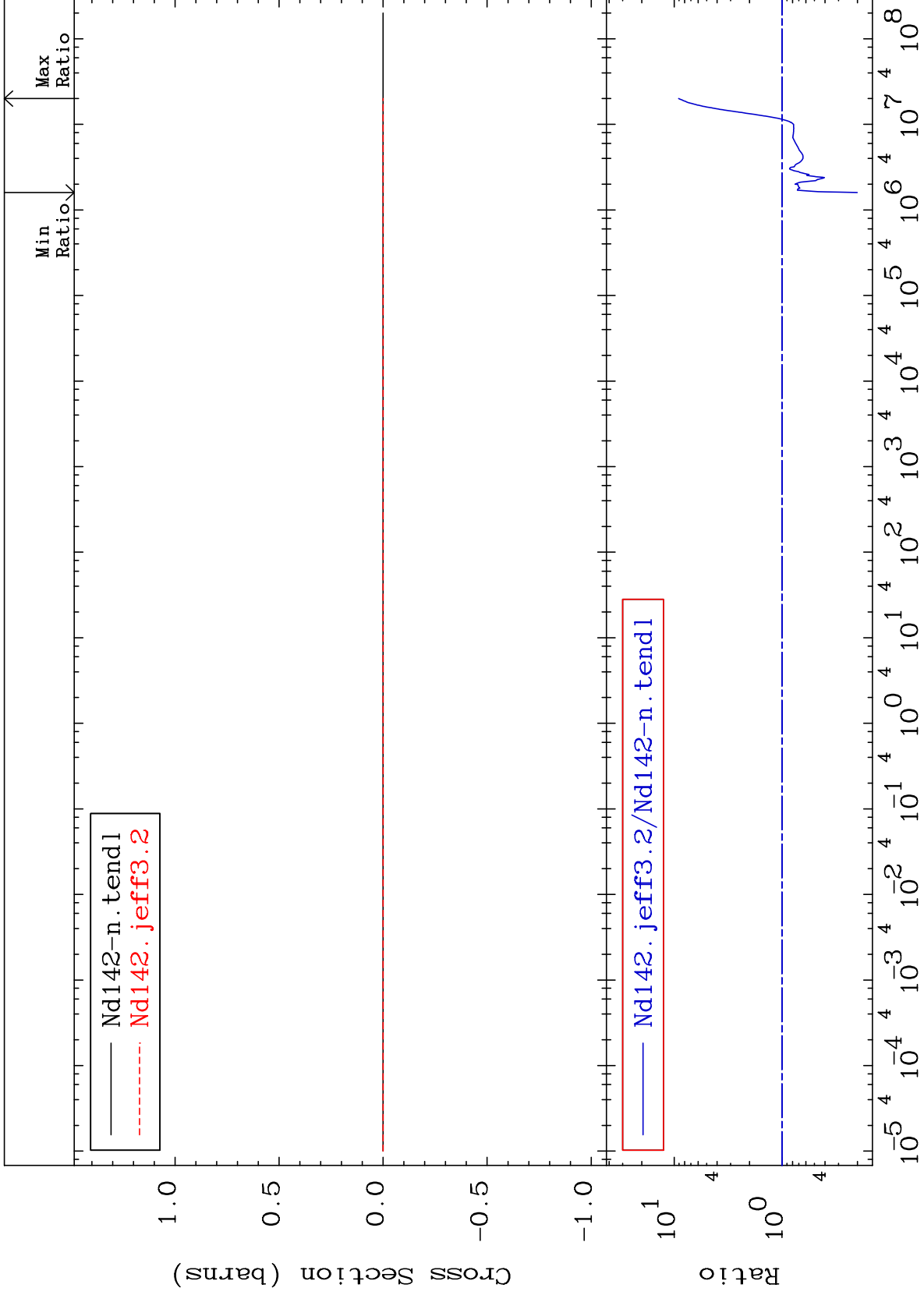




MAT 6025

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

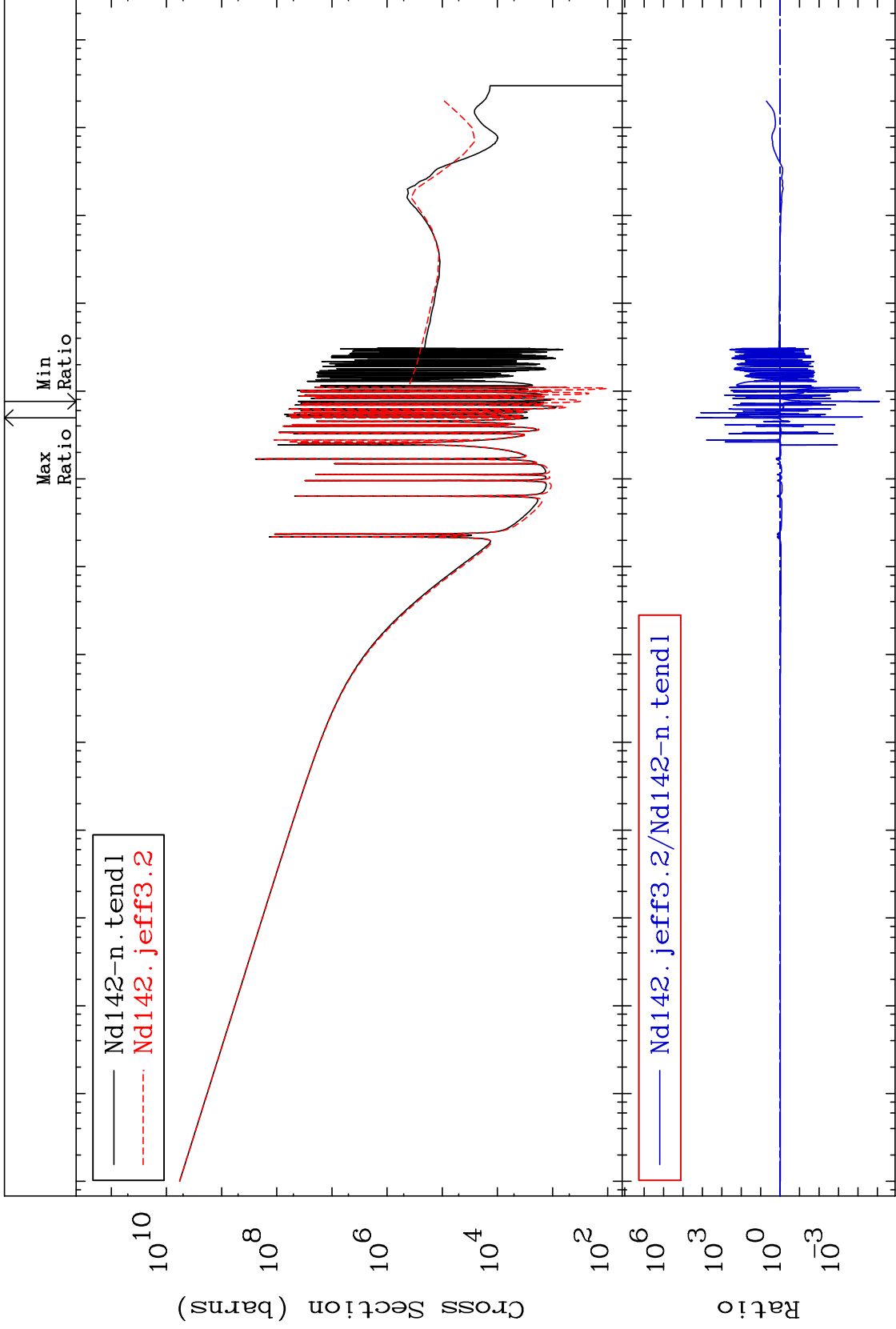
60-Nd-142
-79.93 To 809.0 %



MAT 6025

Kerma capture (mt102)
Cross Section

60-Nd-142
-100.0 To 9999. %



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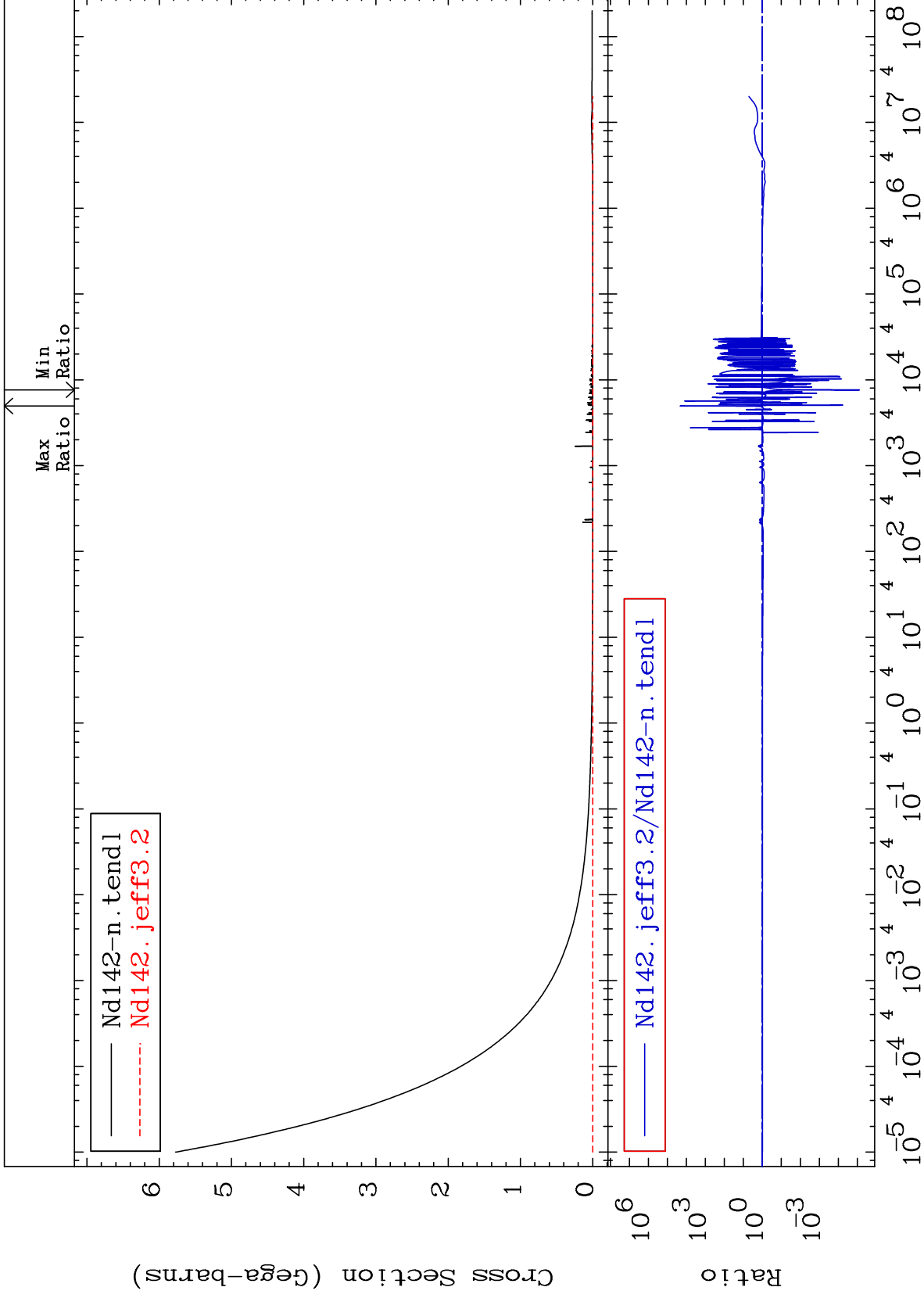
Incident Energy (eV)

60-Nd-142

MAT 6025

Total photon (eV-barns)
Cross Section

60-Nd-142
-100.0 To 9999. %



MAT 6025

Total kinematic kerma (high limit)
Cross Section

60-Nd-142
-100.0 To 26.69 %

