Program EVALPLOT
(Version 2018-1)
by
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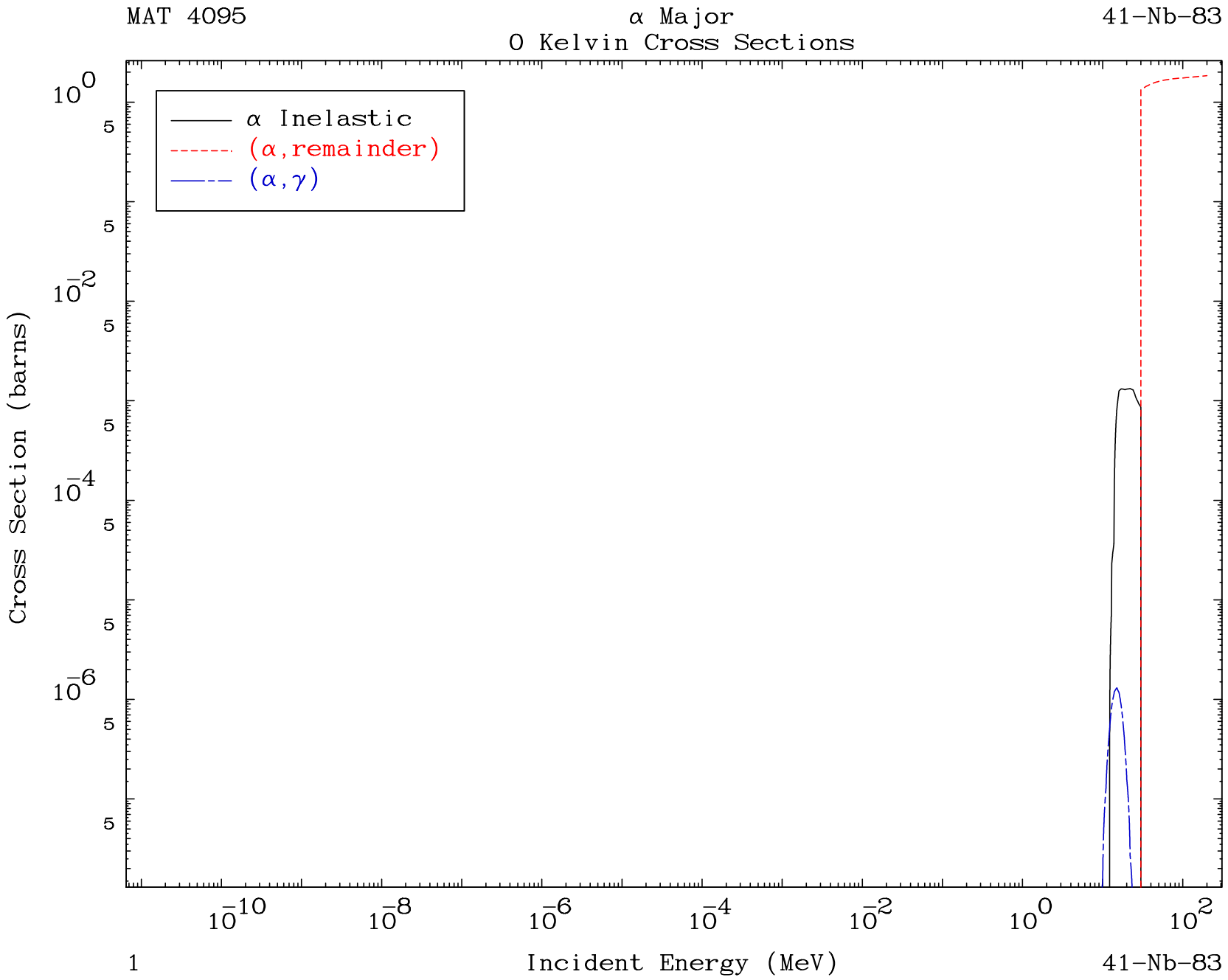
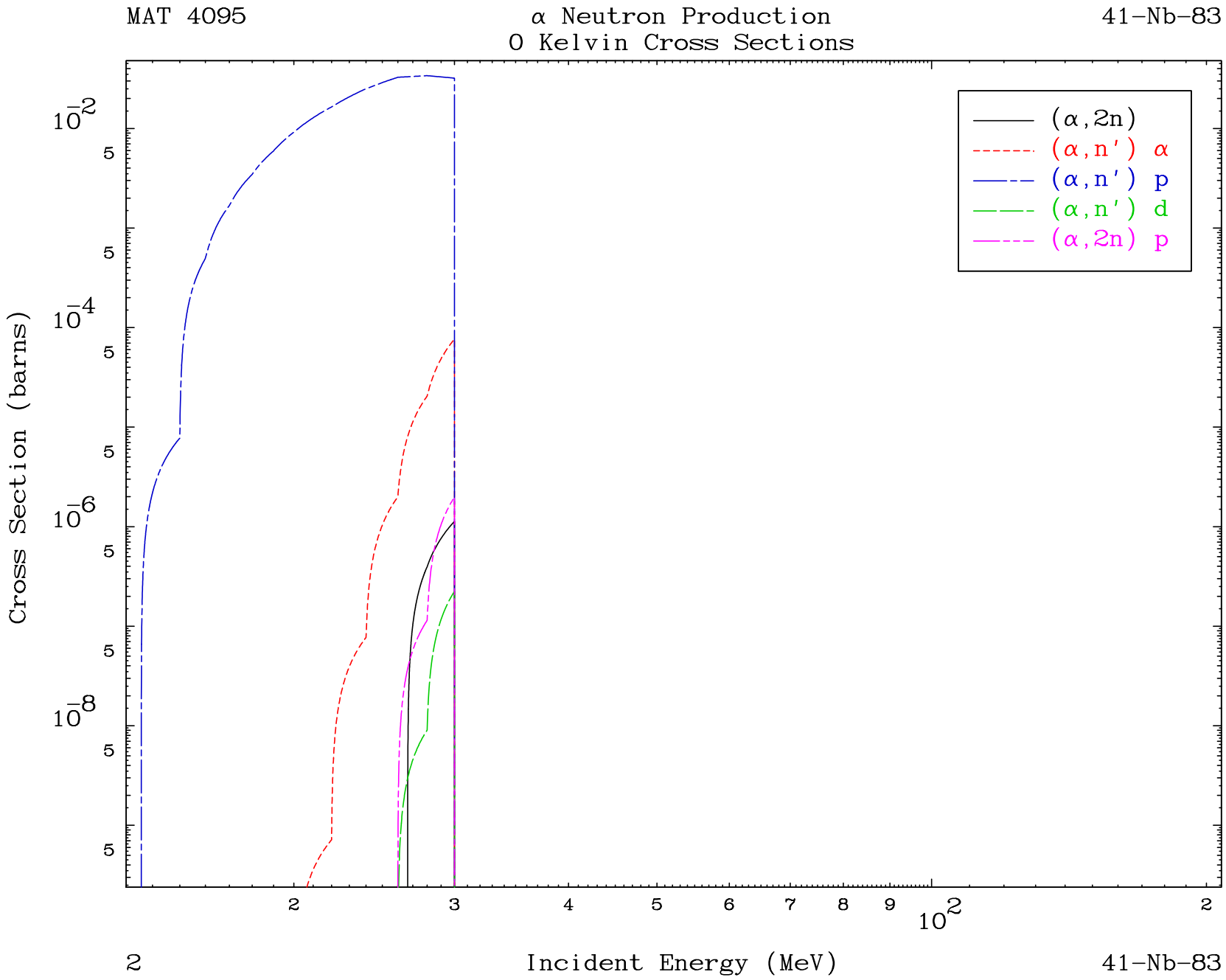
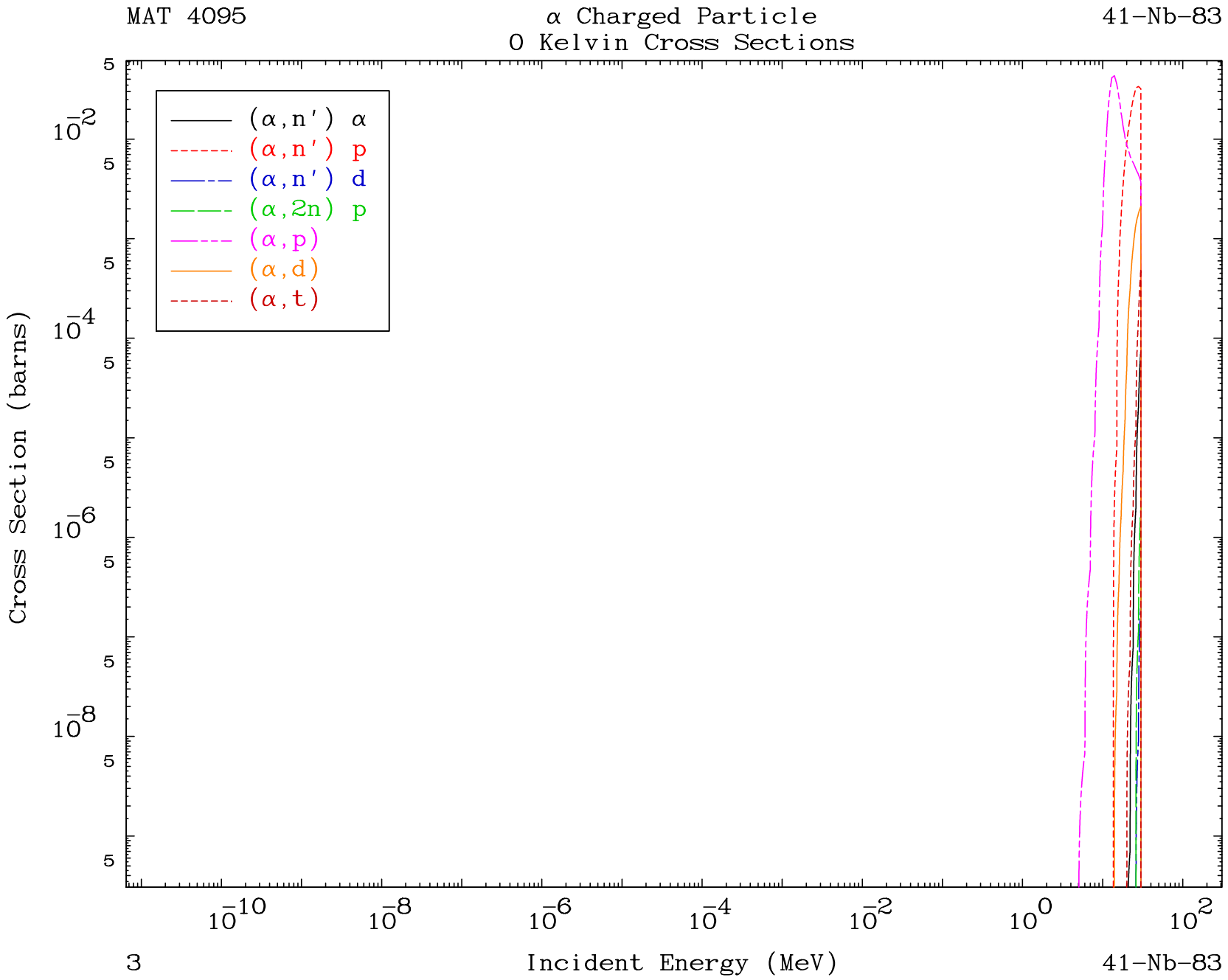
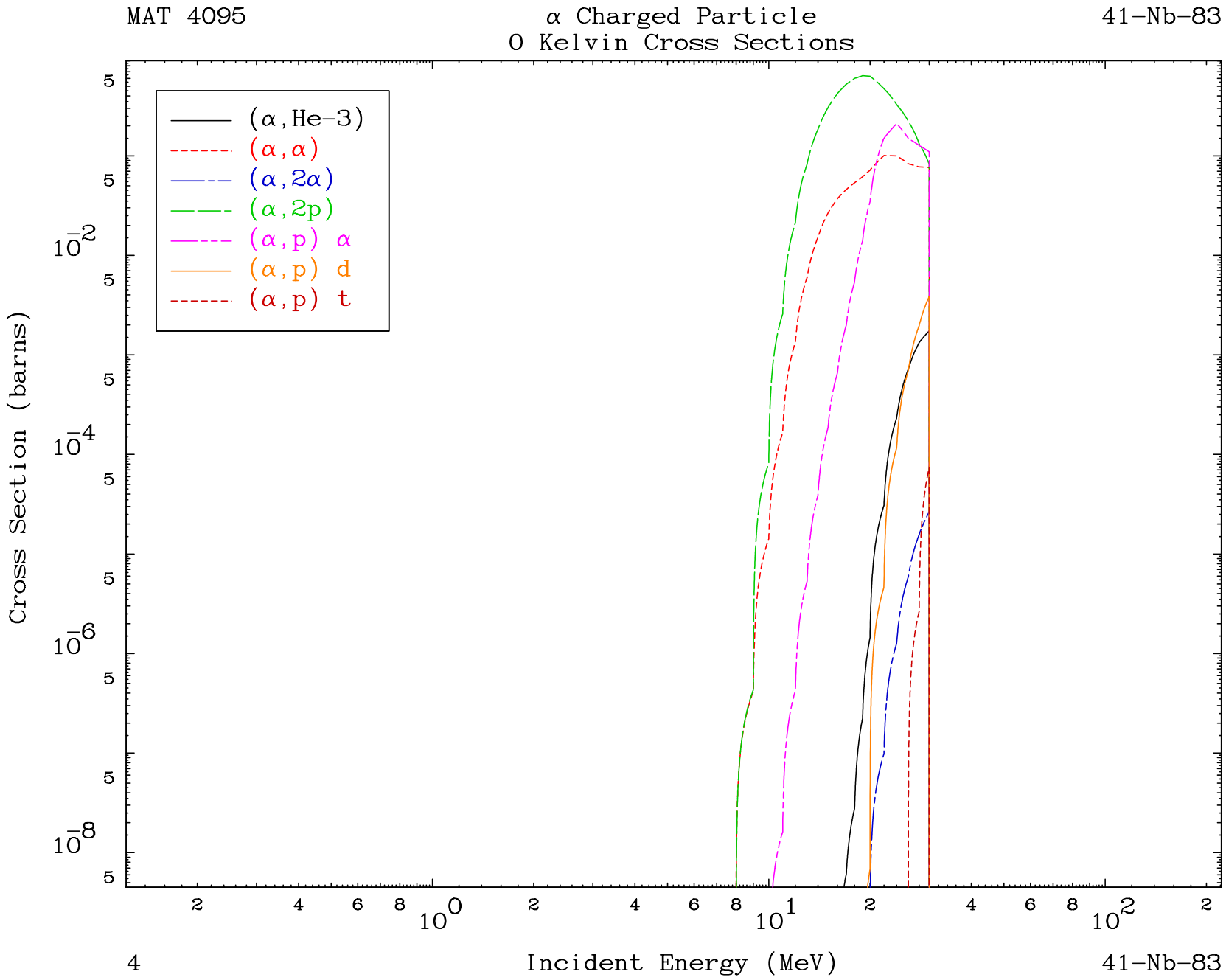
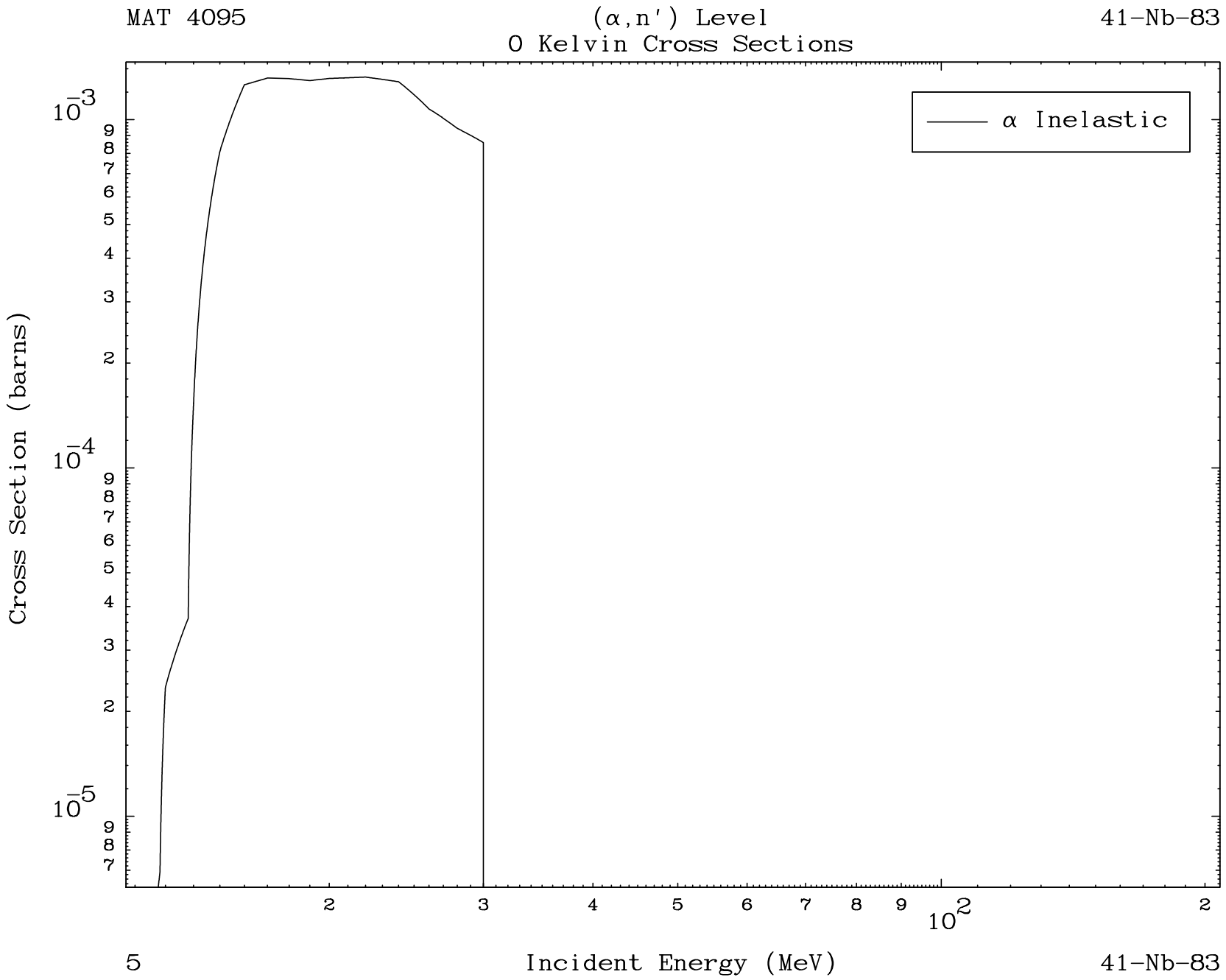
Press Mouse Button to Start

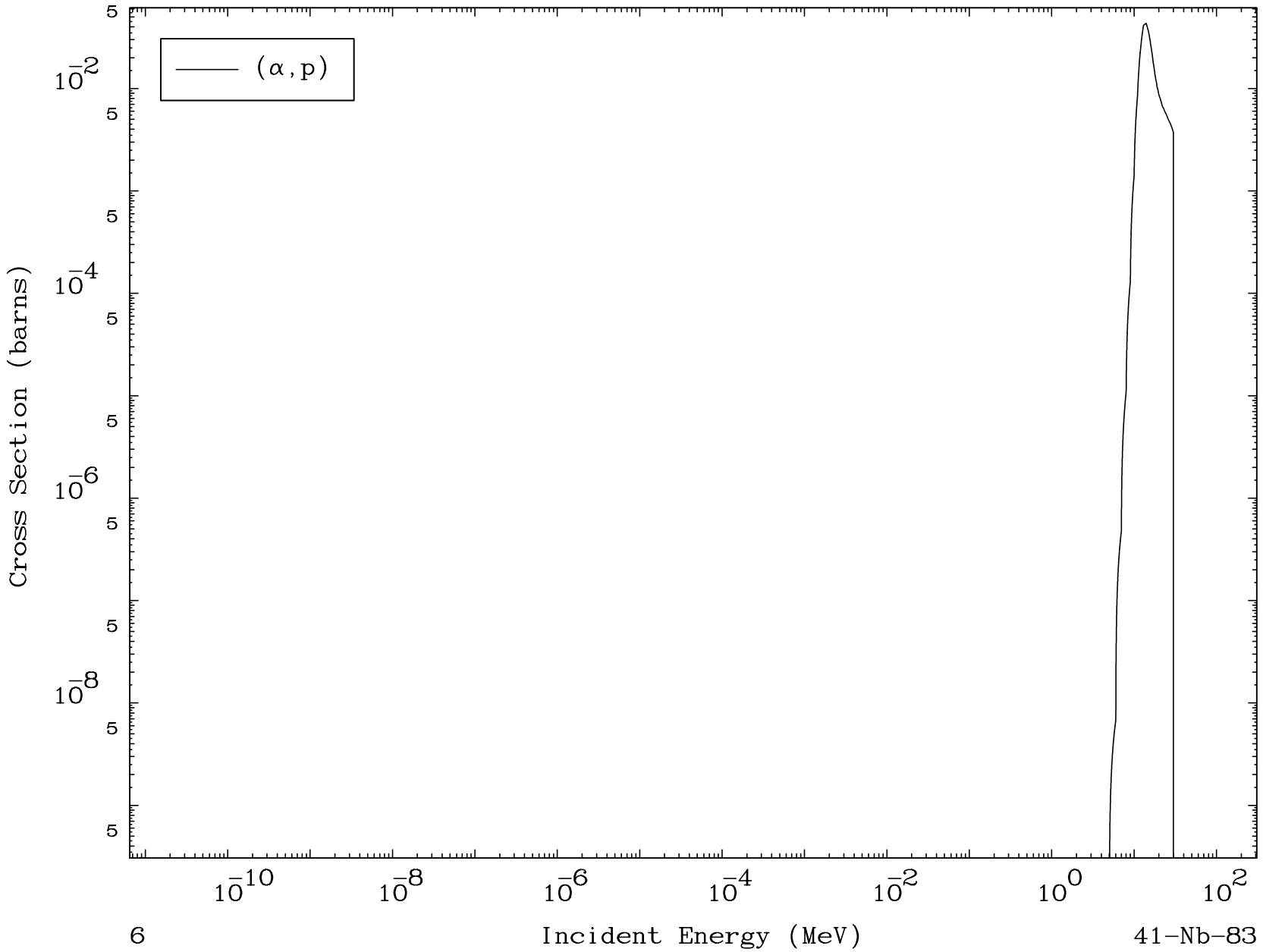

MAT 4095
α Major
41-Nb-83
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
41-Nb-83
1

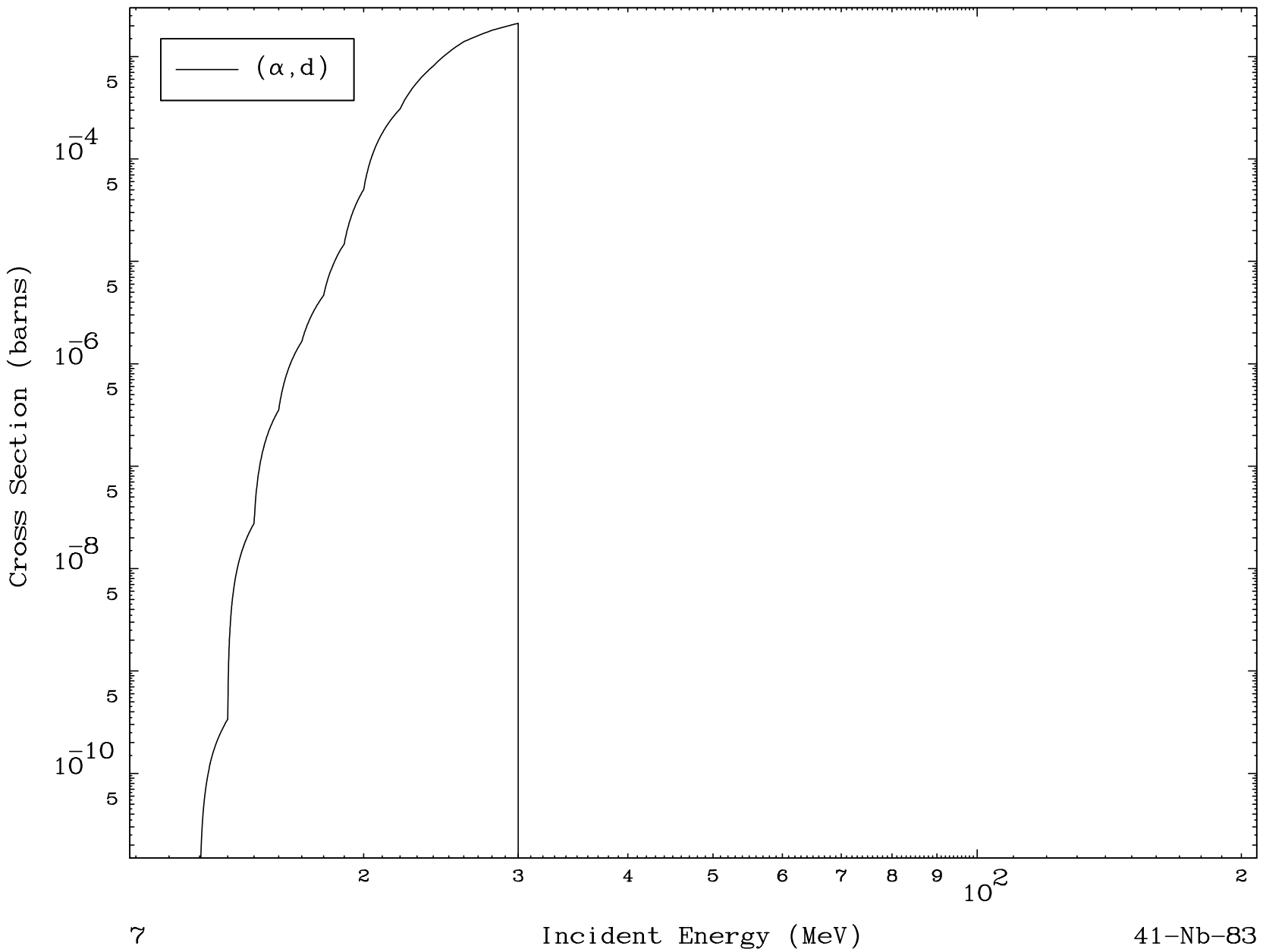

MAT 4095
α Neutron Production
0 Kelvin Cross Sections
41-Nb-83
(α,2n)
(α,n') α
(α,n') p
(α,n') d
(α,2n) p
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
41-Nb-83

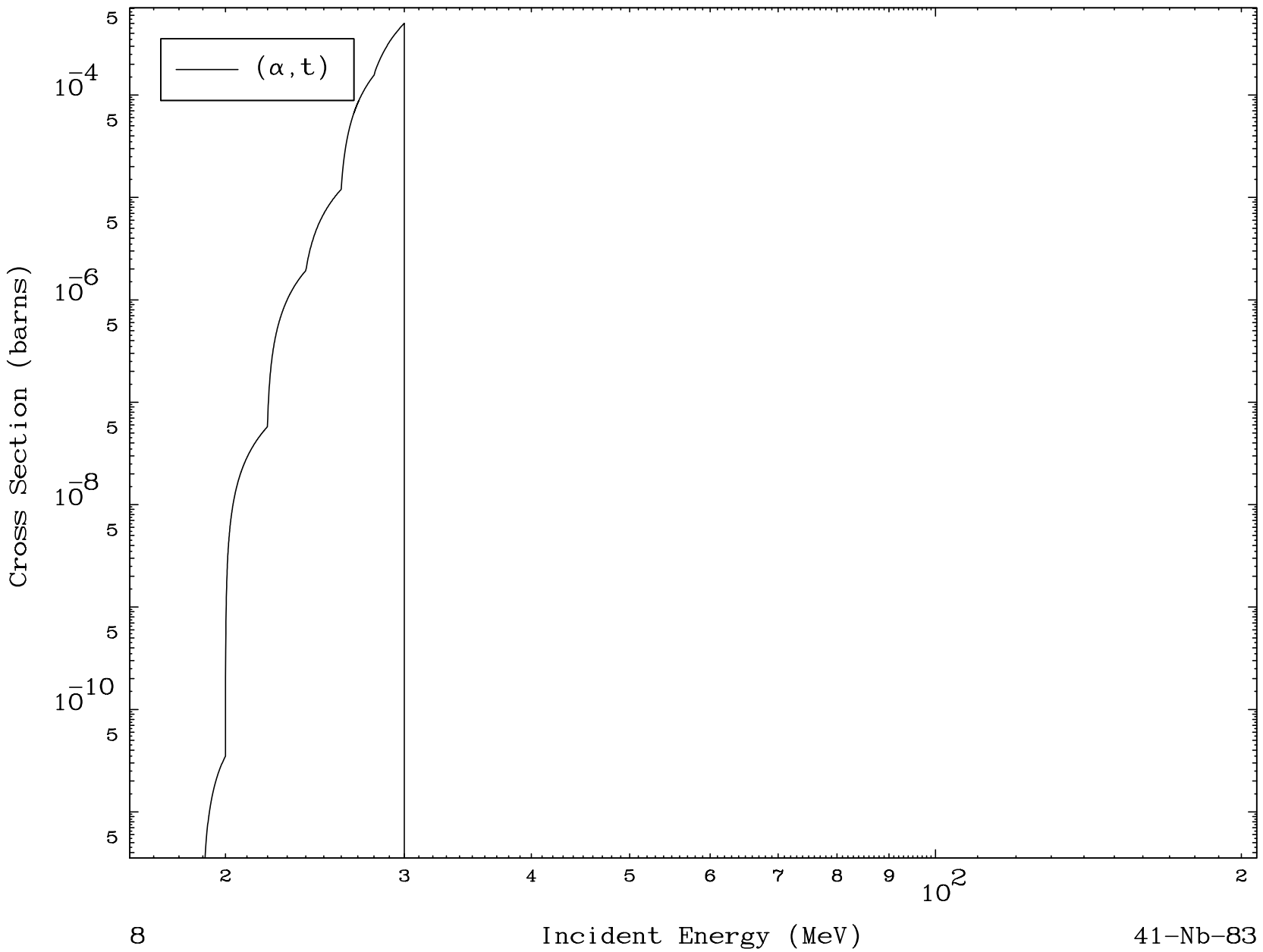

MAT 4095
α Charged Particle
0 Kelvin Cross Sections
41-Nb-83
(α,n') α
(α,n') p
(α,n') d
(α,2n) p
(α,p)
(α,d)
(α,t)
Cross Section (barns)
Incident Energy (MeV)
3
41-Nb-83

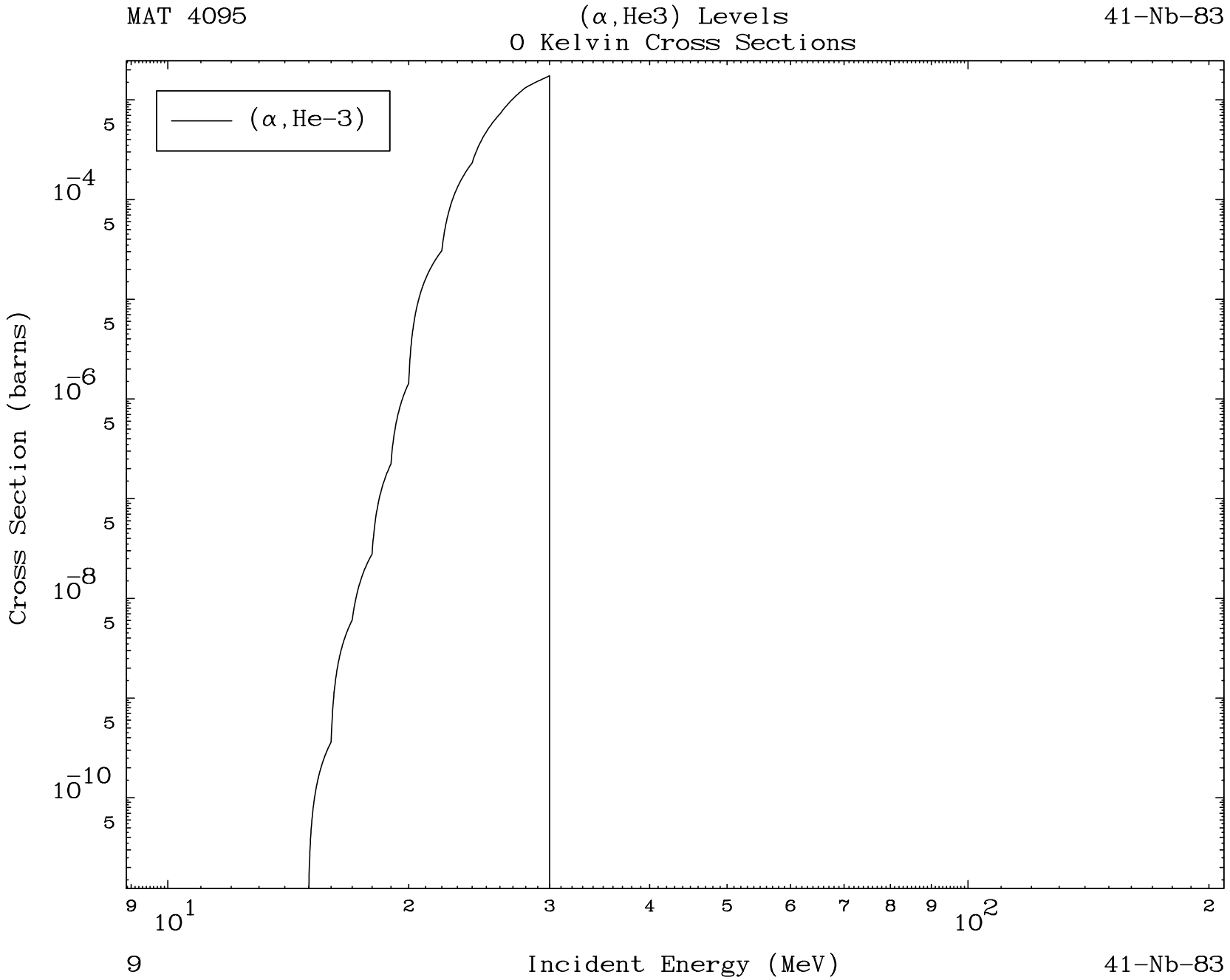

MAT 4095
α Charged Particle
0 Kelvin Cross Sections
41-Nb-83
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
4
41-Nb-83

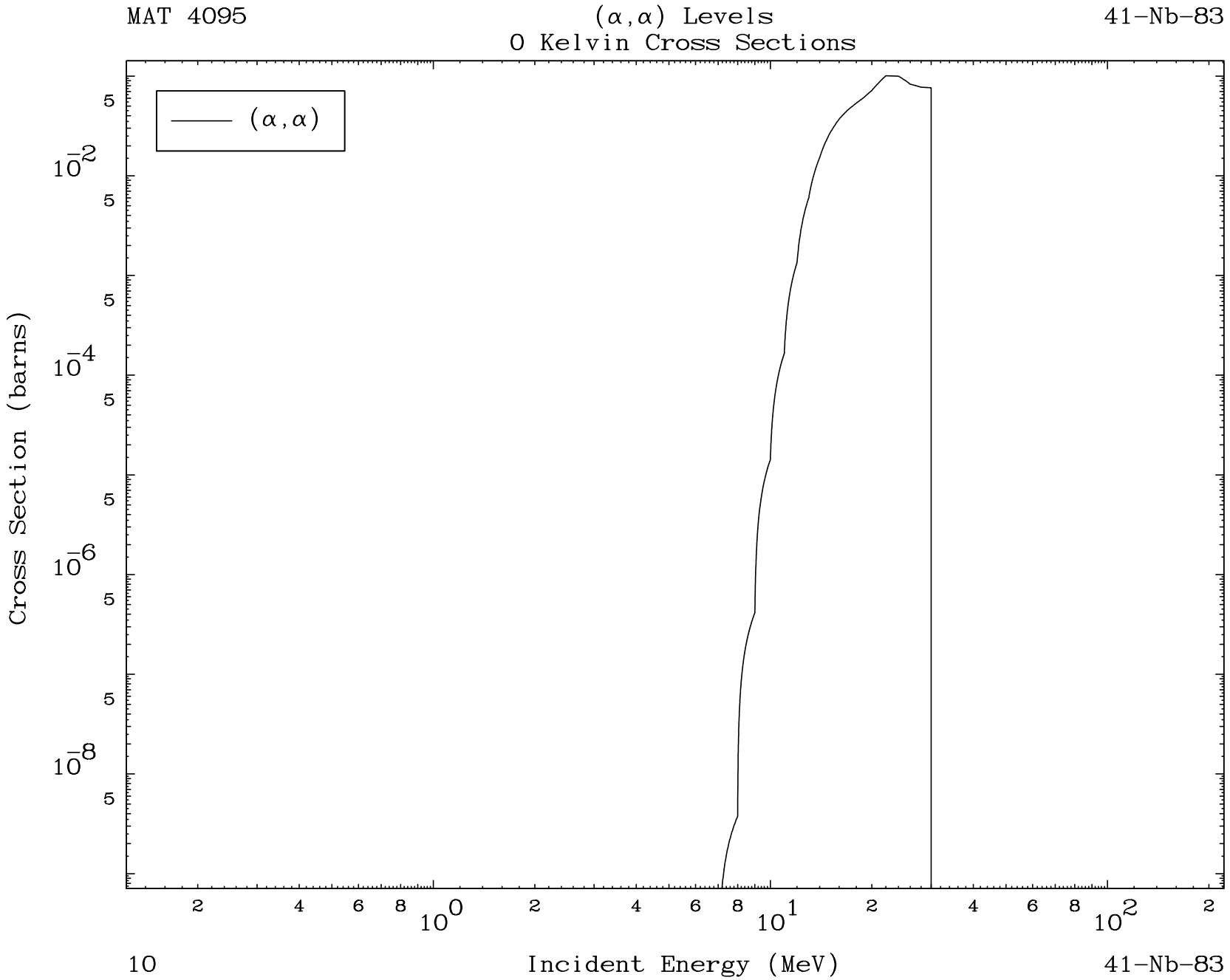

MAT 4095
(α,n') Level
41-Nb-83
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-3
10-4
10-5
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
5
41-Nb-83


0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
5
10-2
5
5
10-4
5
5
10-6
5
5
10-8
5
5
10-10
10-8
10-6
10-4
10-2
100
102
Incident Energy (MeV)


0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10⁻4
10⁻6
10⁻8
10⁻10
5
2
3
4
5
6
7
8
9
10²
2
Incident Energy (MeV)


MAT 4095
(α,He3) Levels
41-Nb-83
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
10 1
10 2
41-Nb-83


MAT 4095
(α,α) Levels
41-Nb-83
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
41-Nb-83