Program EVALPLOT
(Version 2021-1)
by
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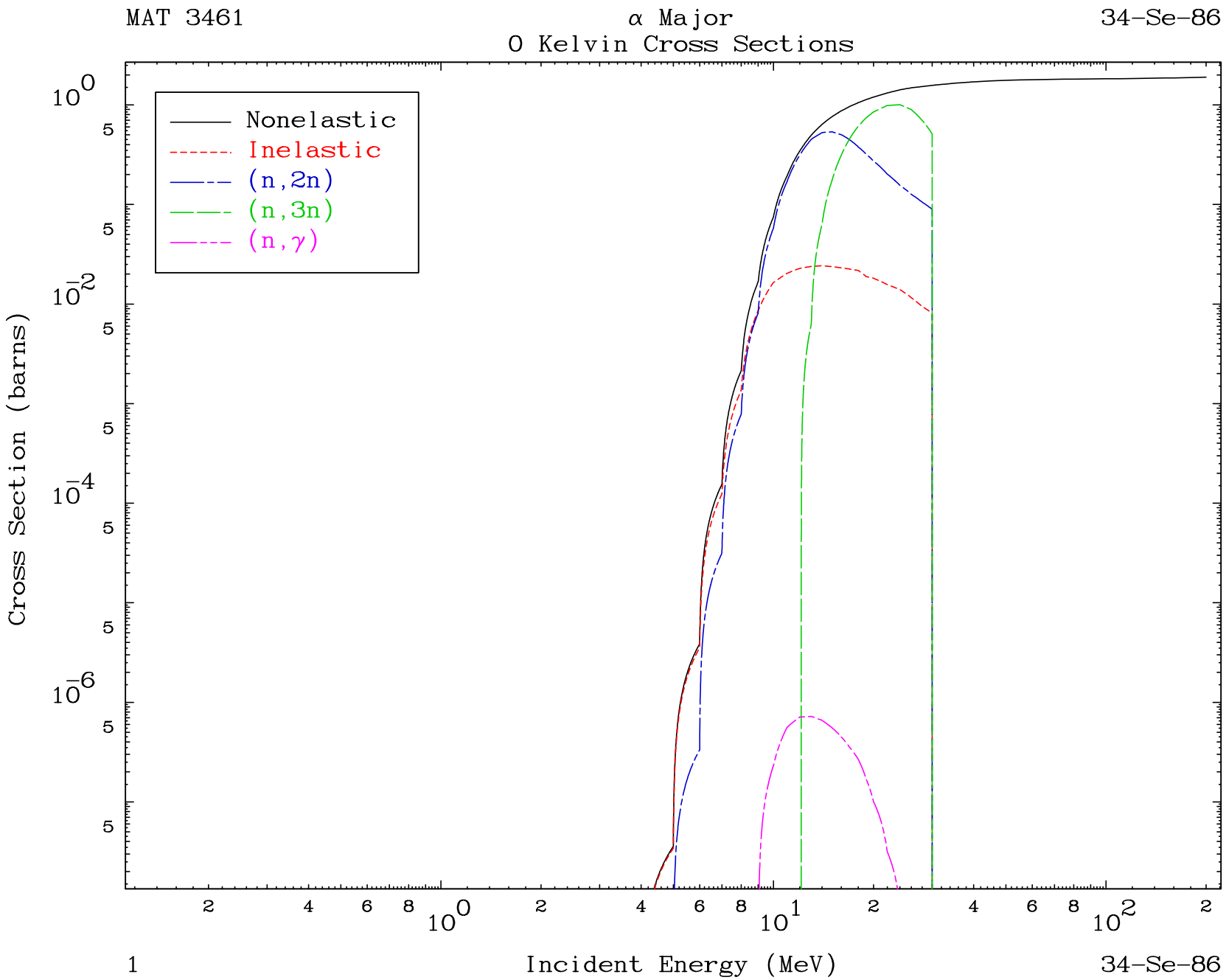
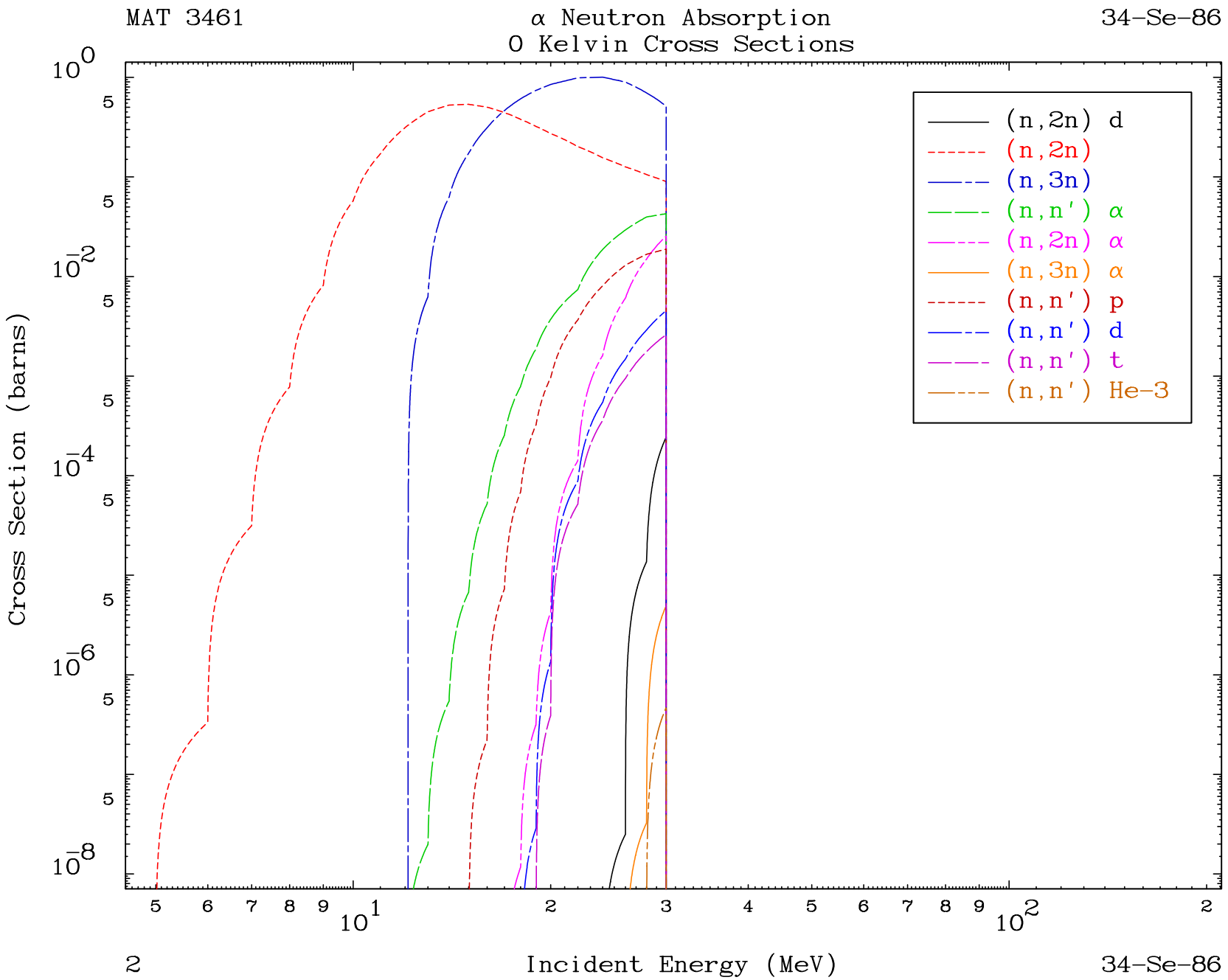
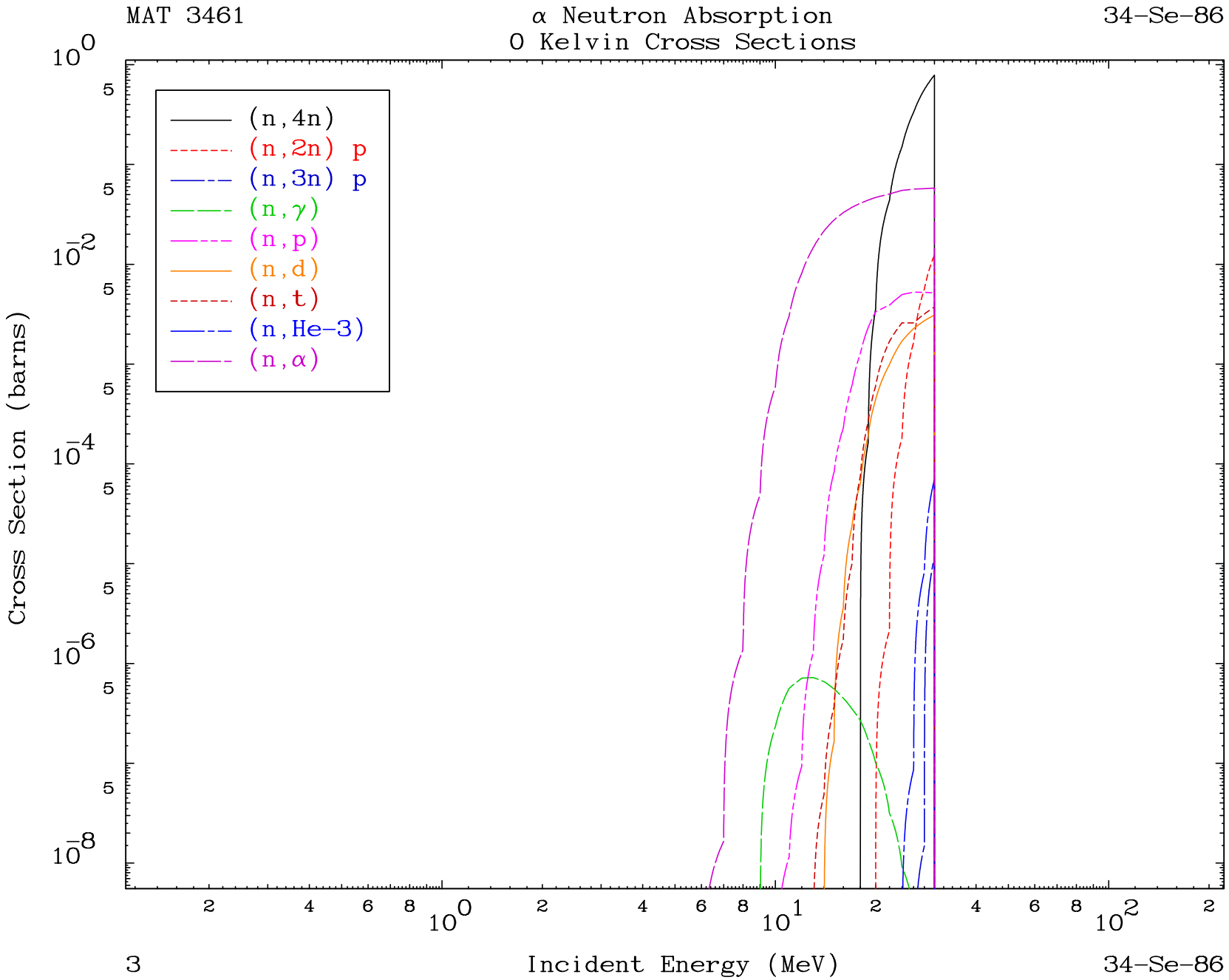
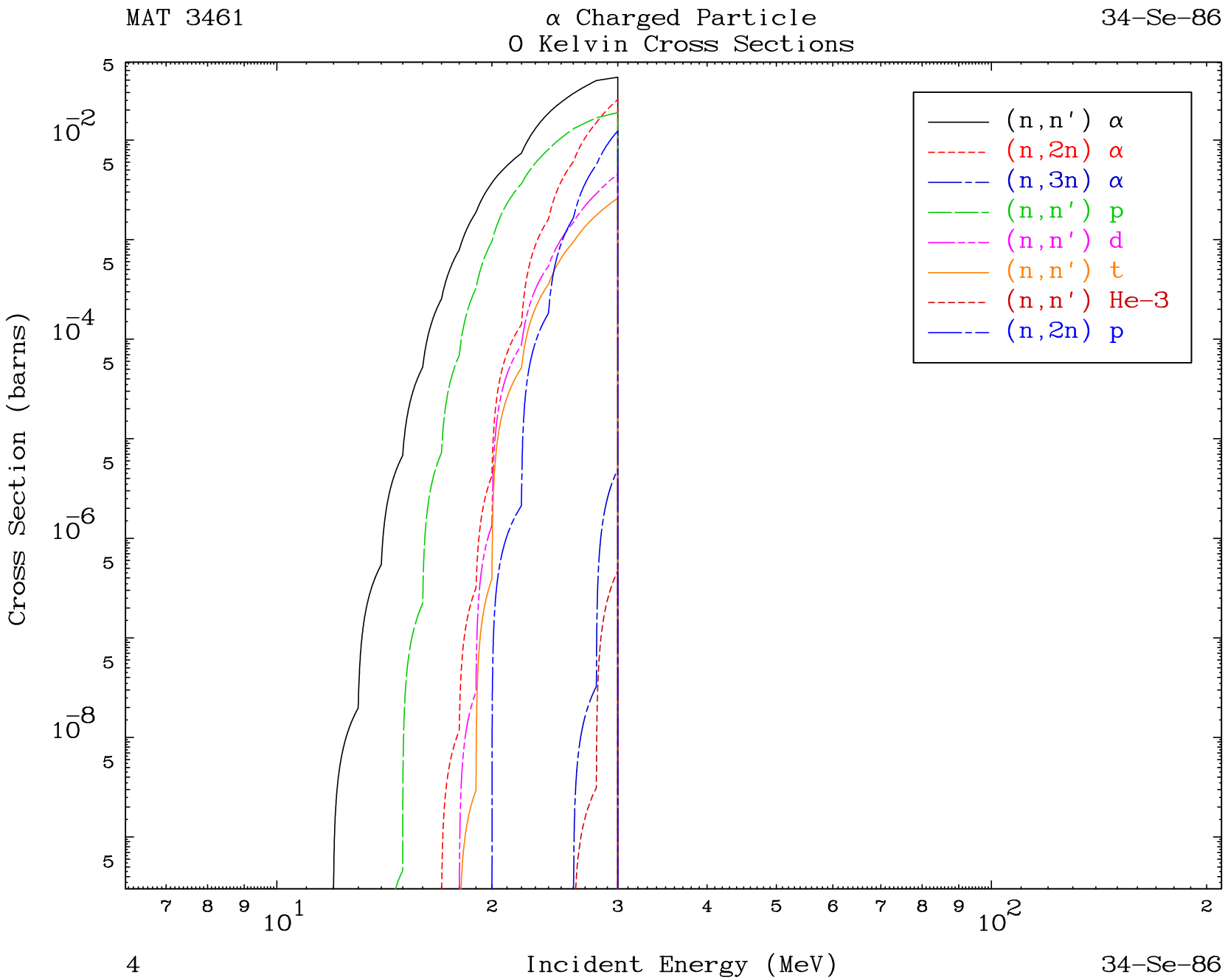
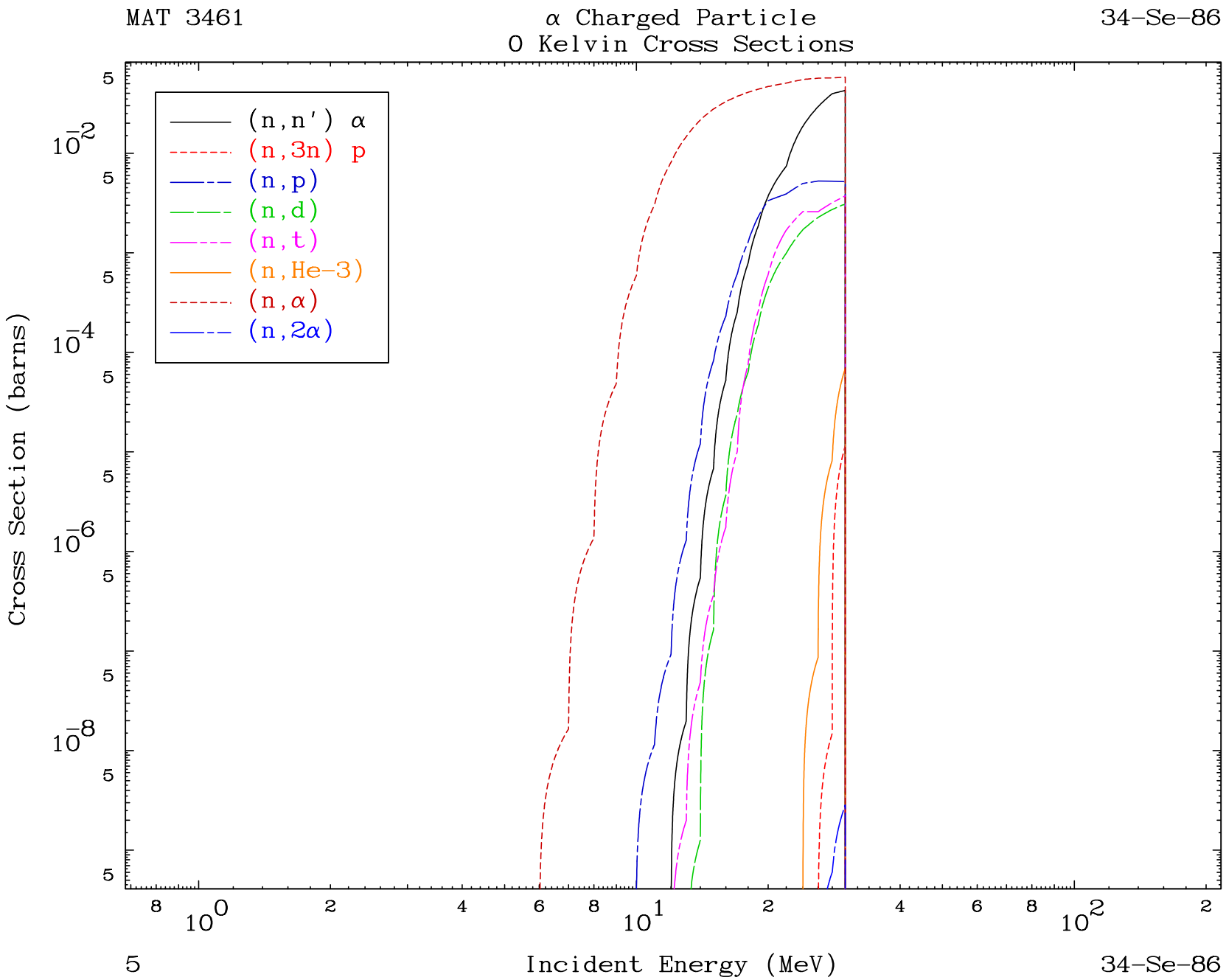
Press Mouse Button to Start

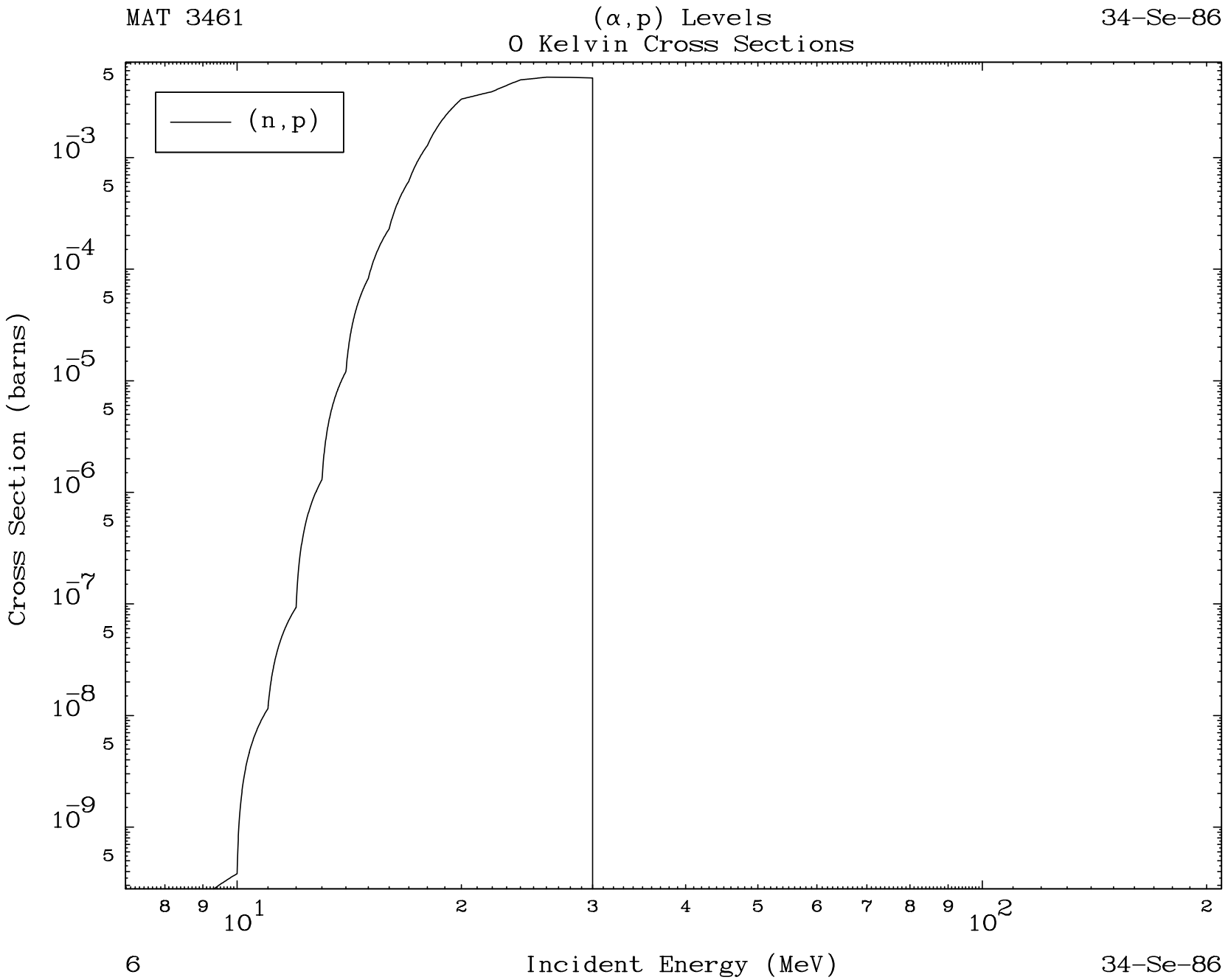

MAT 3461
α Major
34-Se-86
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
34-Se-86

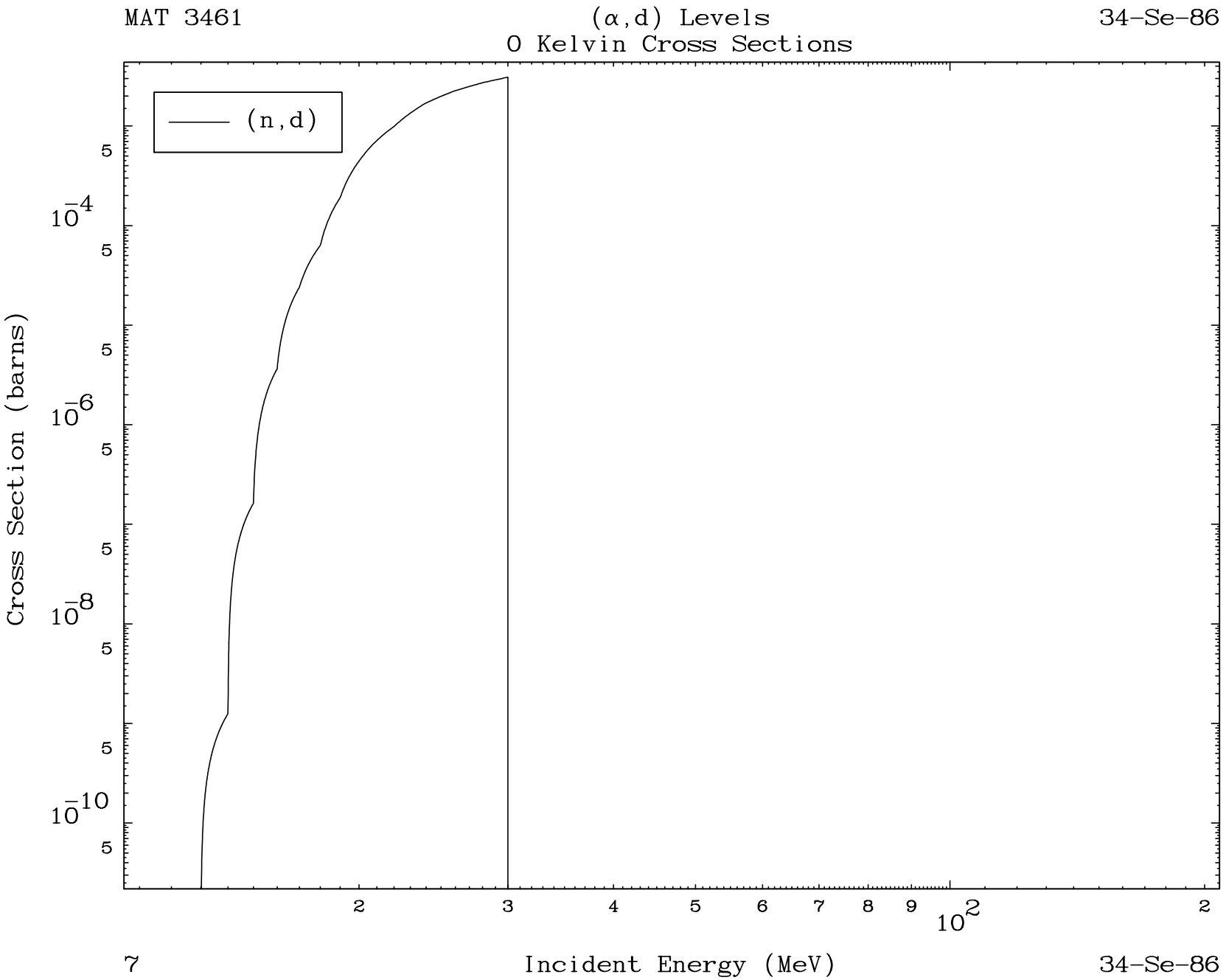

MAT 3461
α Neutron Absorption
0 Kelvin Cross Sections
34-Se-86
Cross Section (barns)
Incident Energy (MeV)
34-Se-86
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3

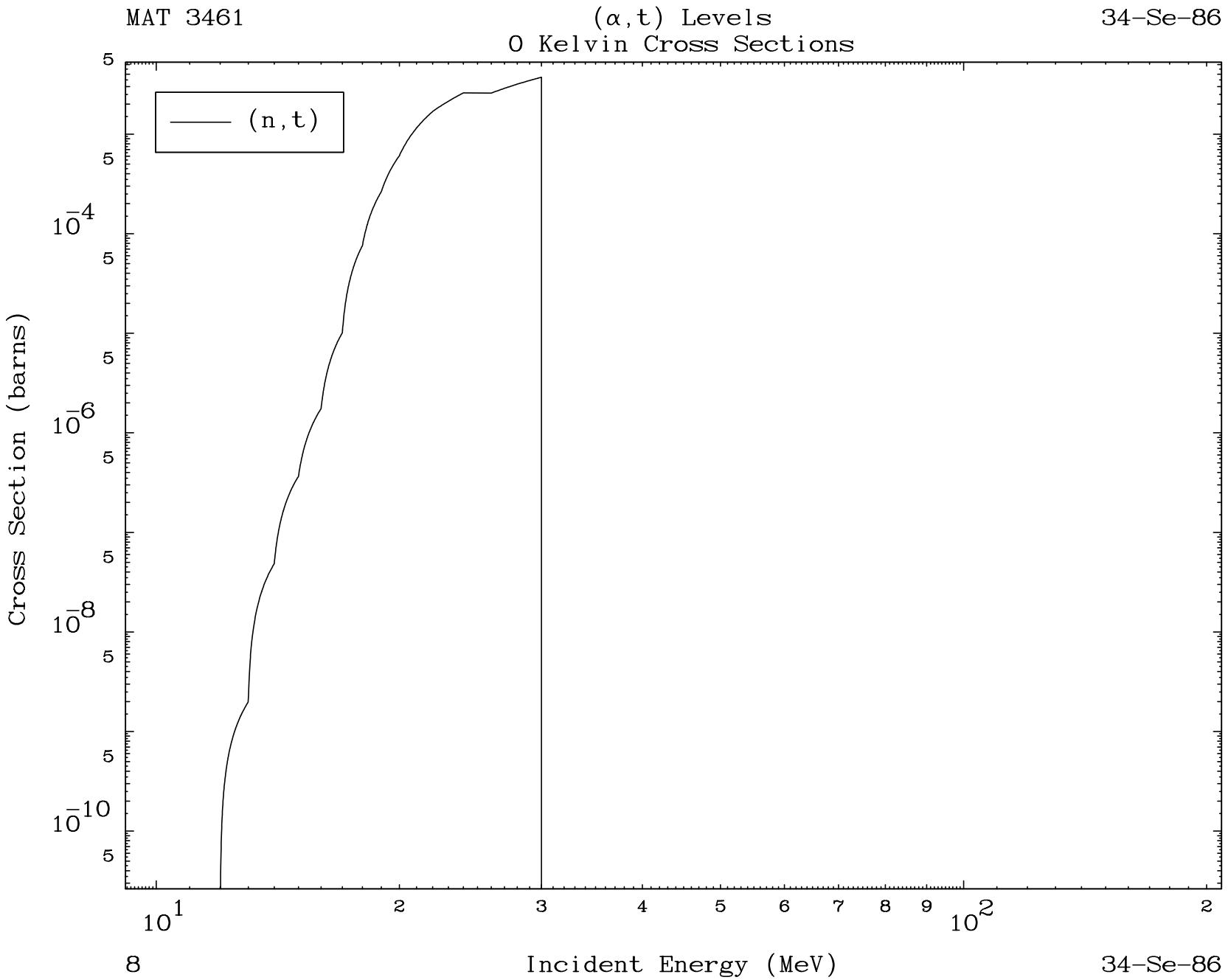

MAT 3461
α Neutron Absorption
0 Kelvin Cross Sections
34-Se-86
(n,4n)
(n,2n) p
(n,3n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
34-Se-86

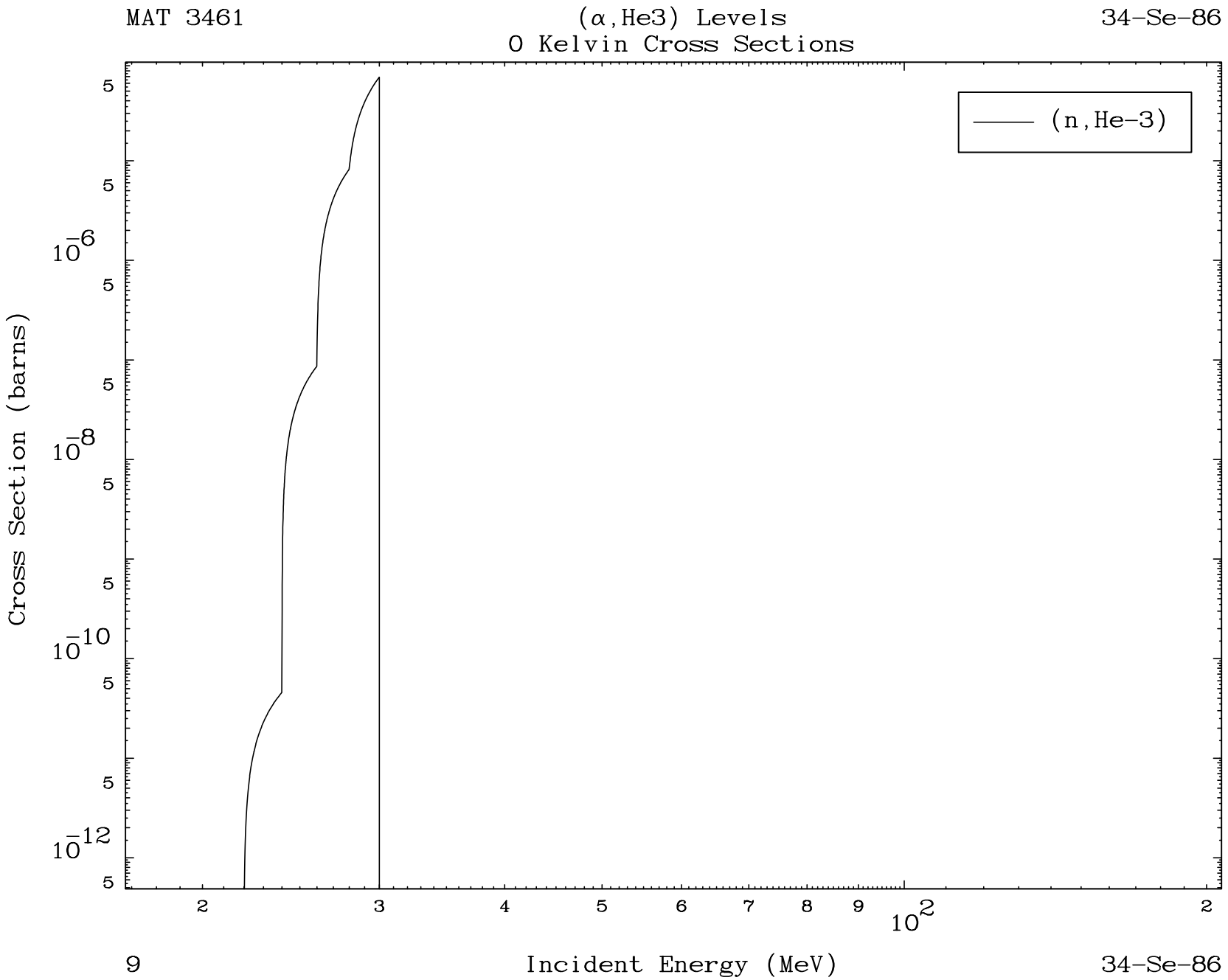

MAT 3461
α Charged Particle
0 Kelvin Cross Sections
34-Se-86
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
4
34-Se-86

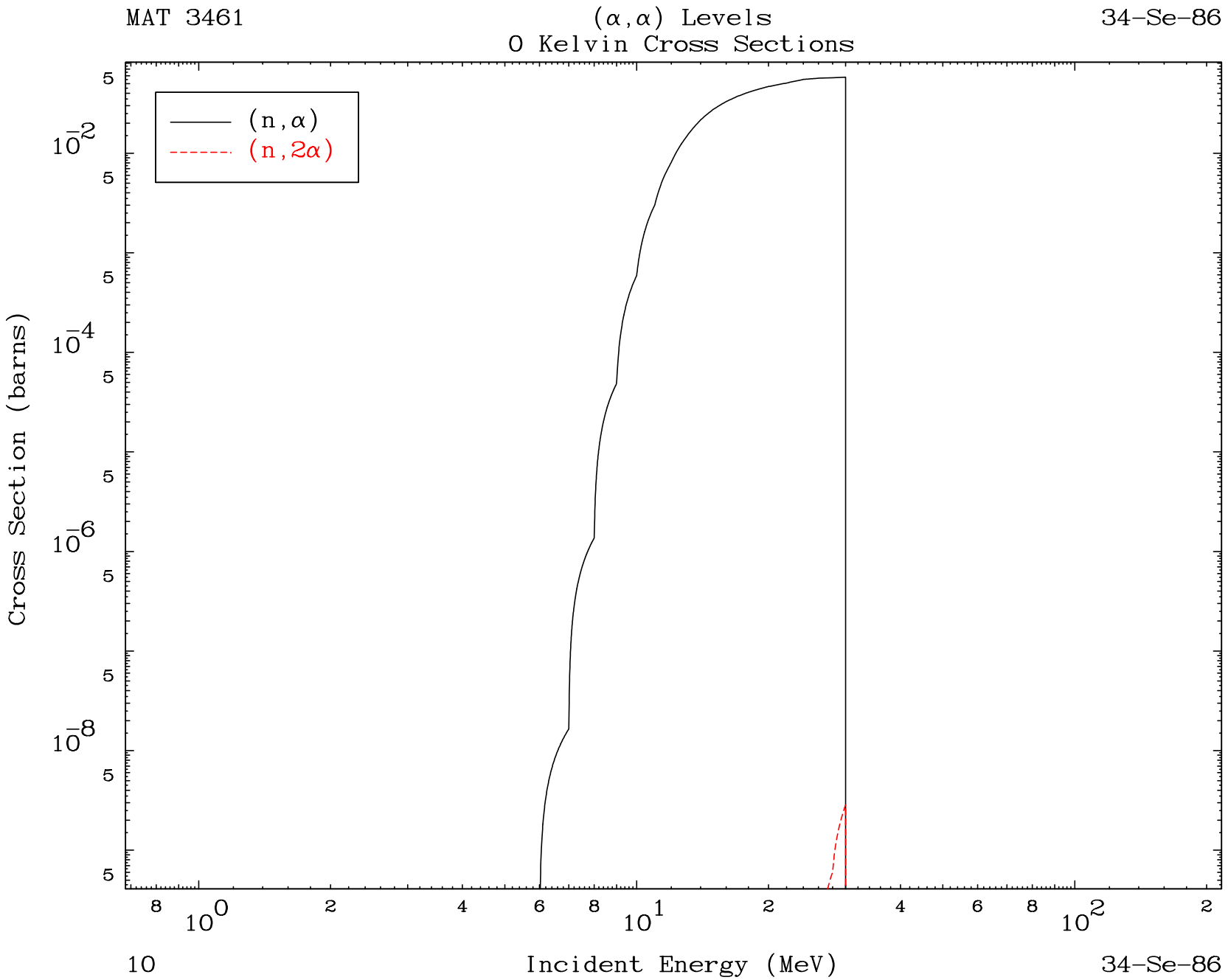

MAT 3461
α Charged Particle
0 Kelvin Cross Sections
34-Se-86
(n,n') α
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
34-Se-86

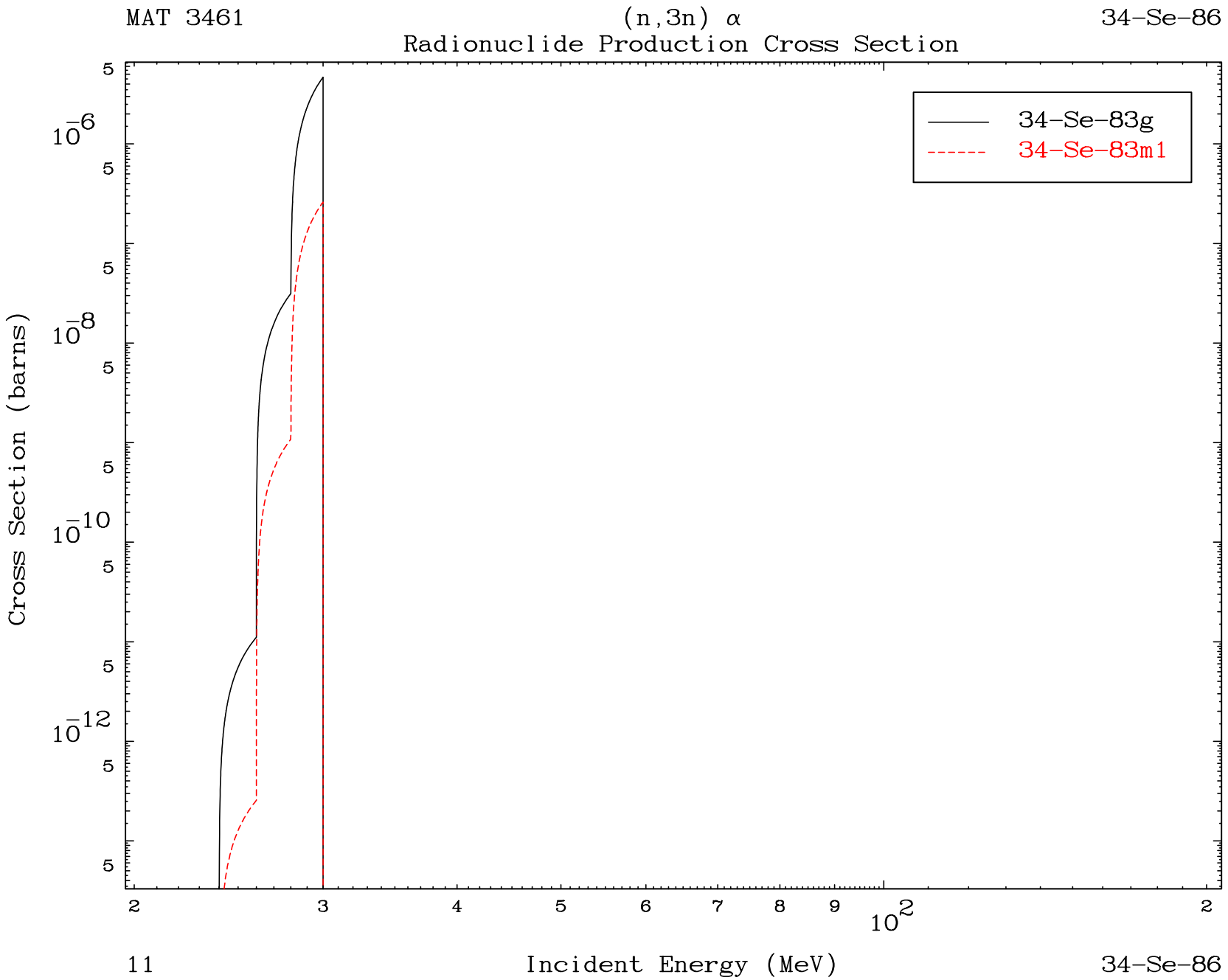

MAT 3461
(α,p) Levels
34-Se-86
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
34-Se-86


MAT 3461
(α,d) Levels
34-Se-86
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
34-Se-86


MAT 3461
(α,t) Levels
0 Kelvin Cross Sections
34-Se-86
(n,t)
Cross Section (barns)
Incident Energy (MeV)
8
34-Se-86


MAT 3461
(α,He3) Levels
34-Se-86
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
9
Incident Energy (MeV)
34-Se-86


MAT 3461
(α,α) Levels
34-Se-86
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
34-Se-86


MAT 3461
(n,3n) α
34-Se-86
Radionuclide Production Cross Section
34-Se-83g
34-Se-83m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
11
Incident Energy (MeV)
34-Se-86