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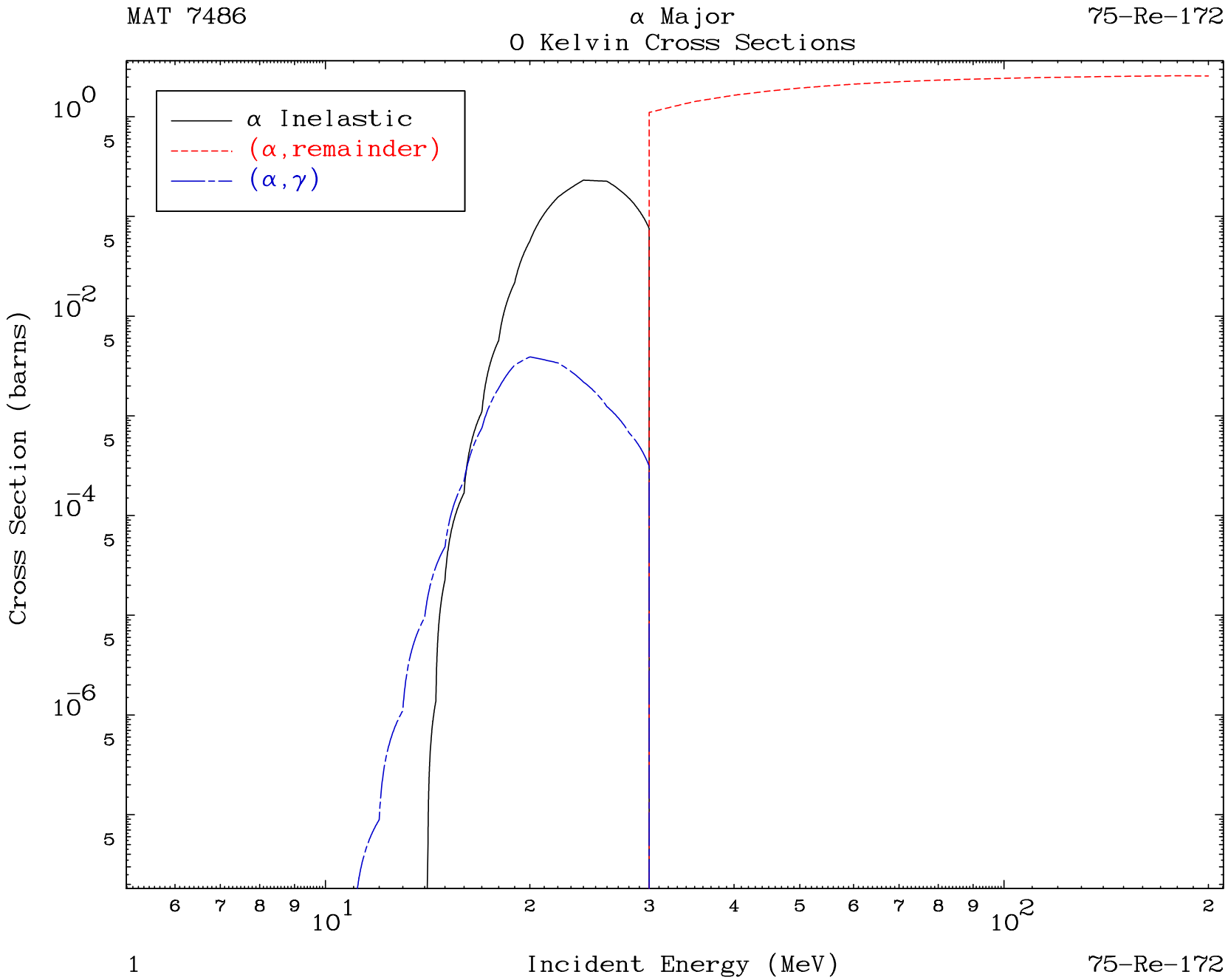
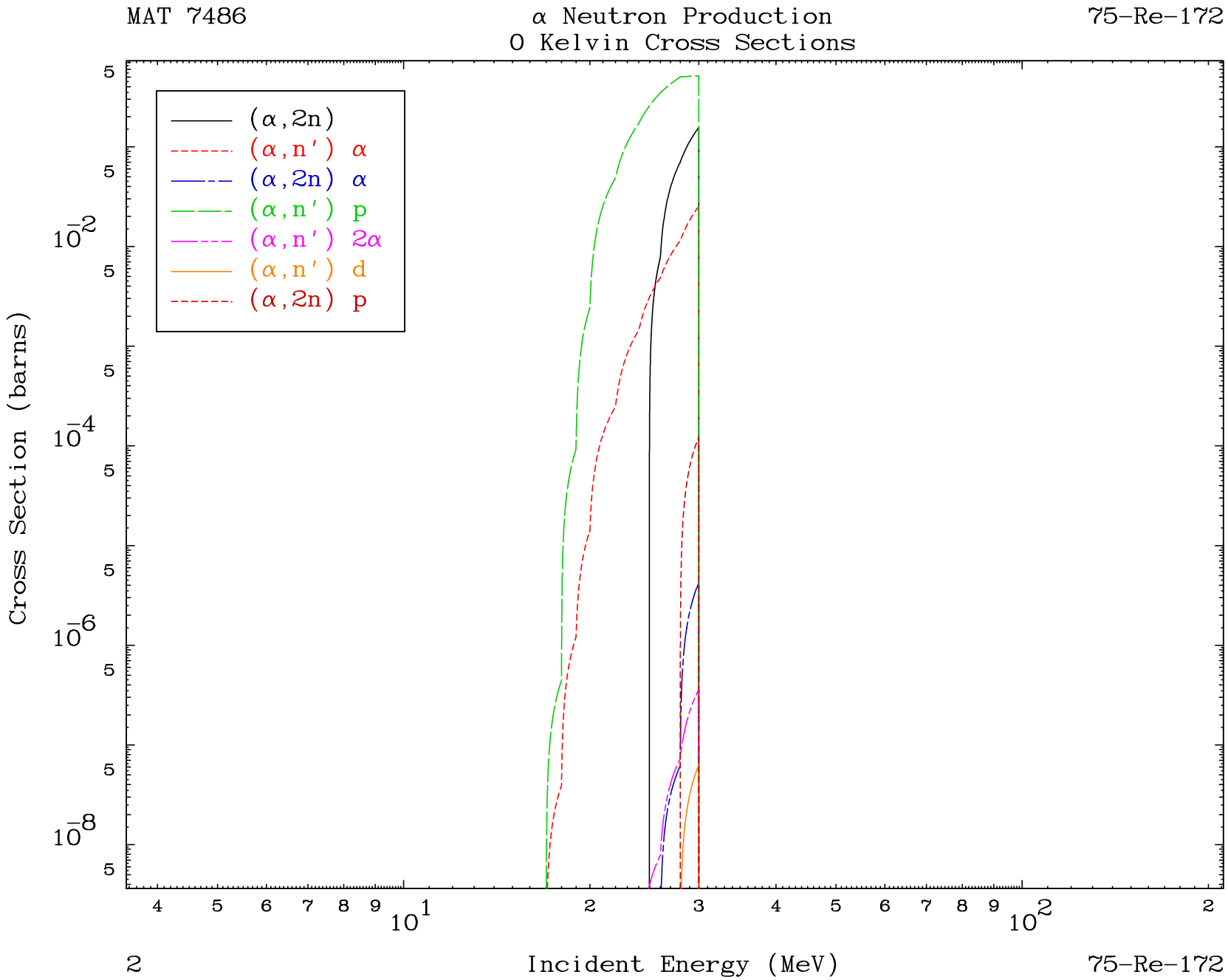
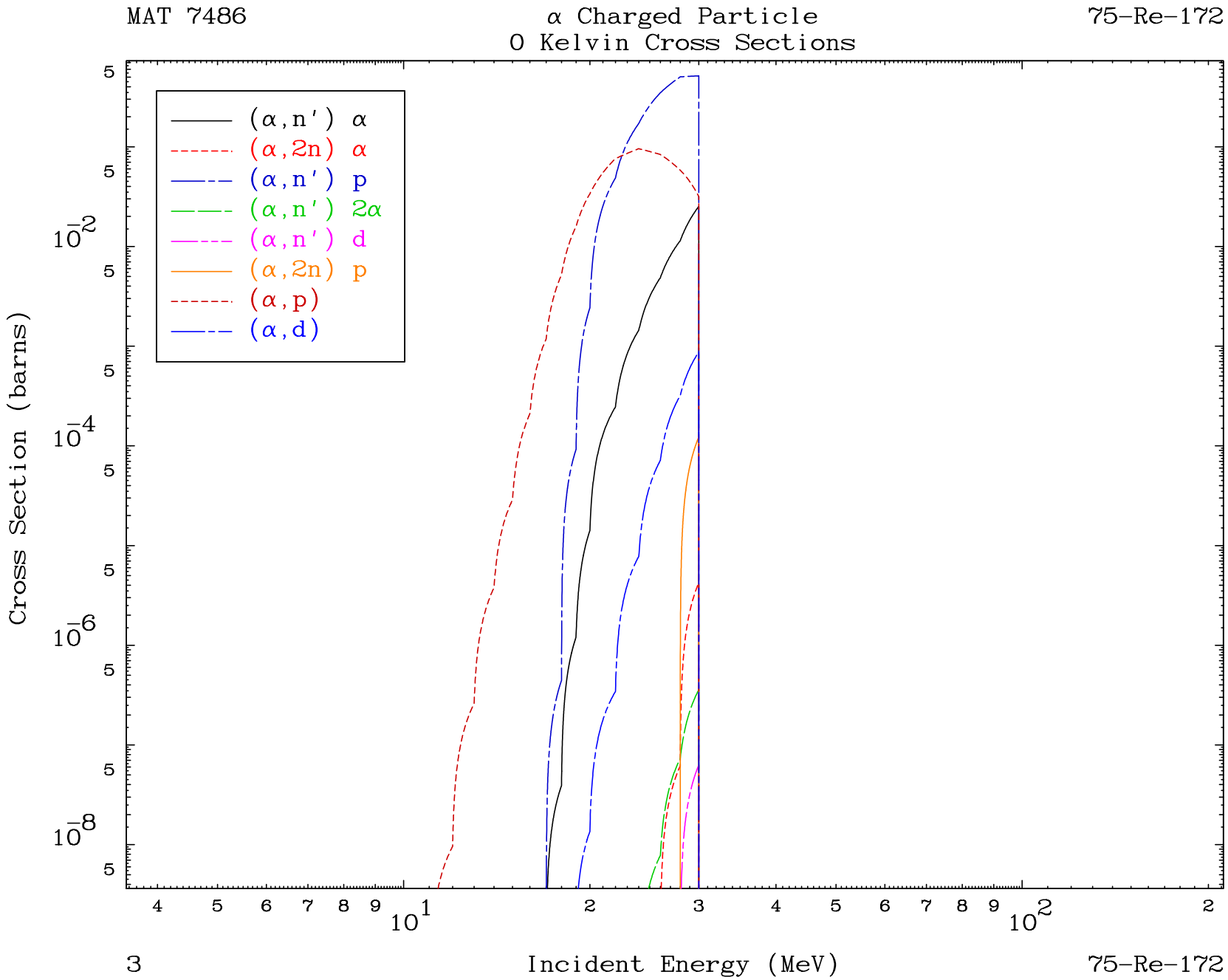
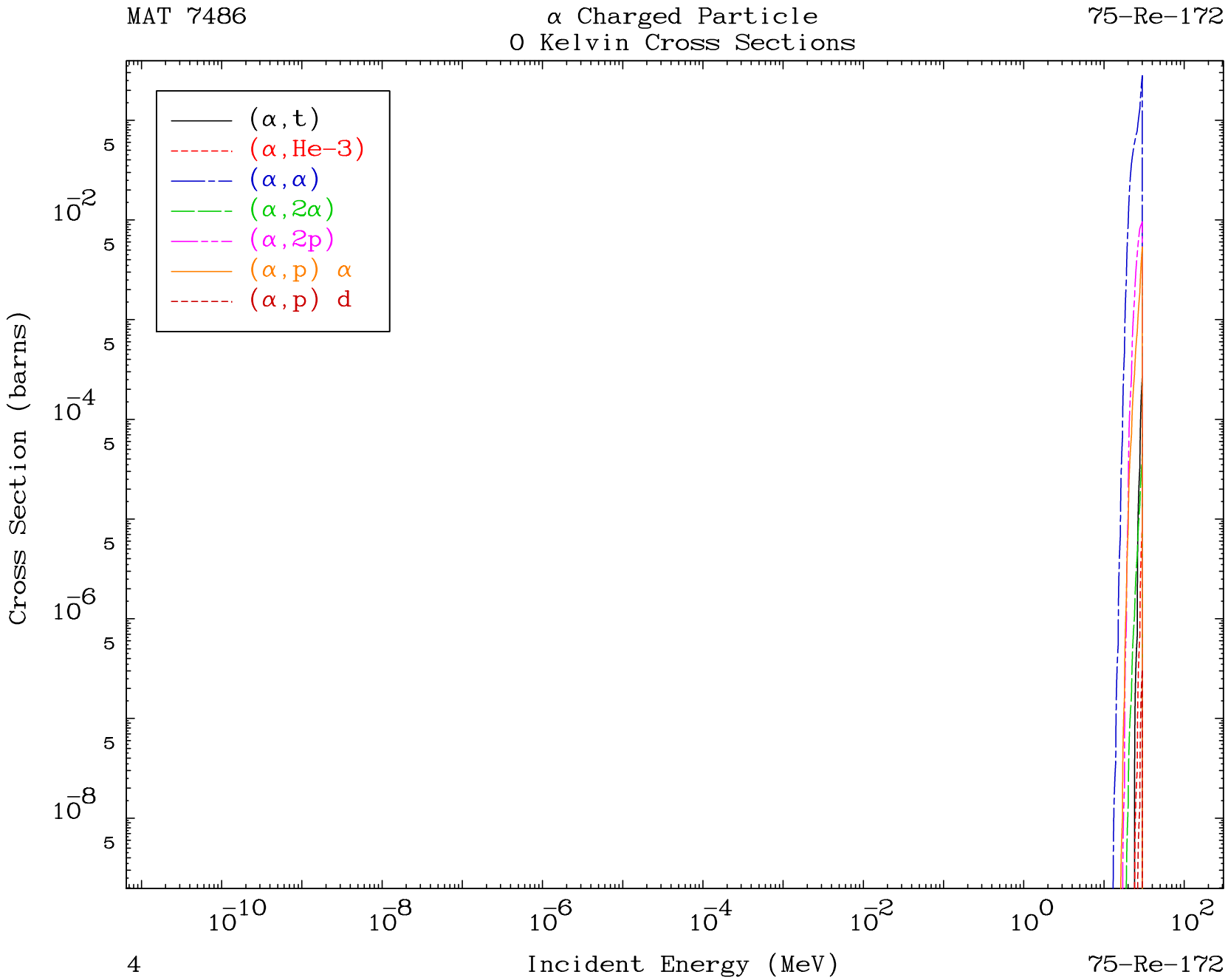
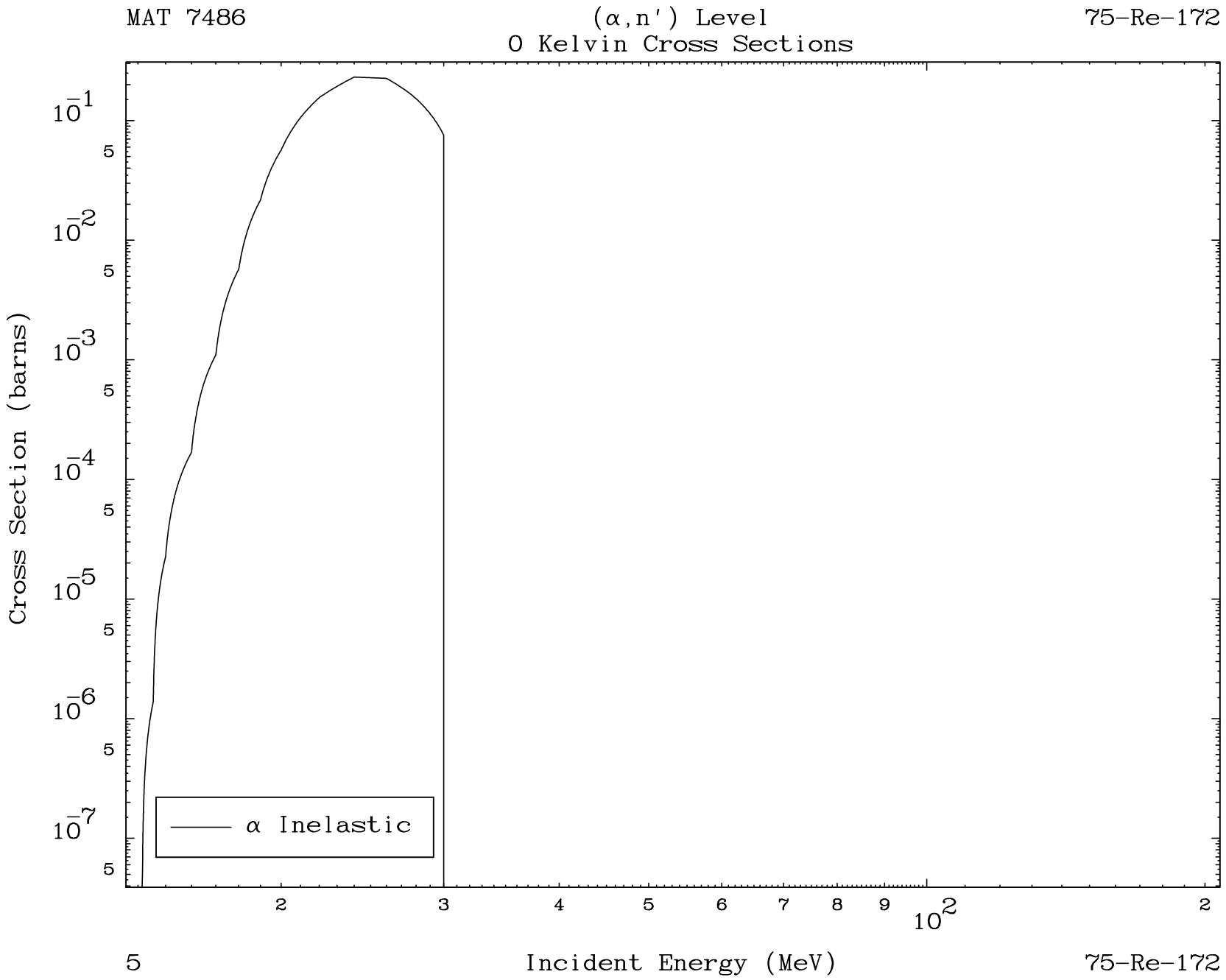
Press Mouse Button to Start

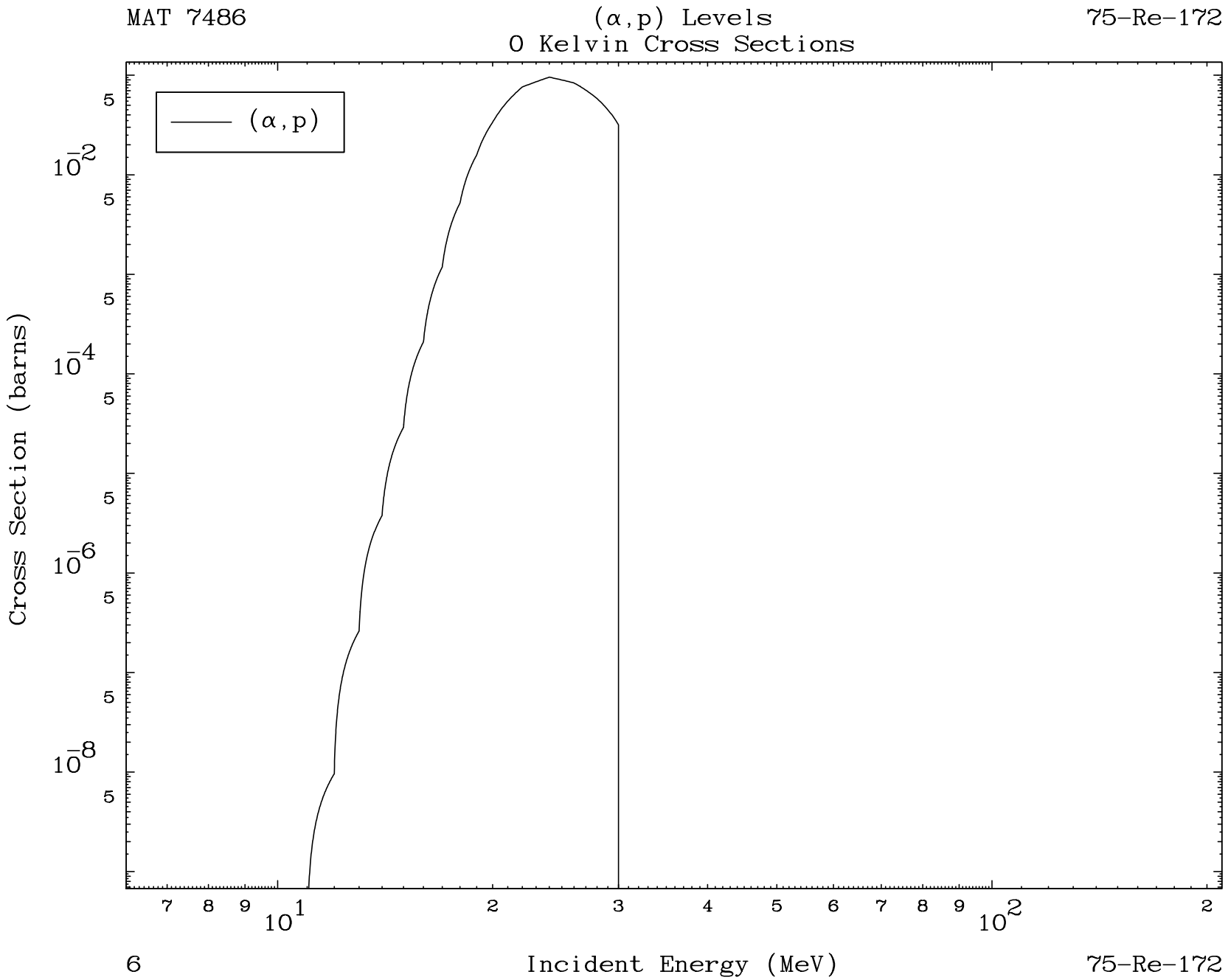

MAT 7486
α Major
75-Re-172
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
75-Re-172

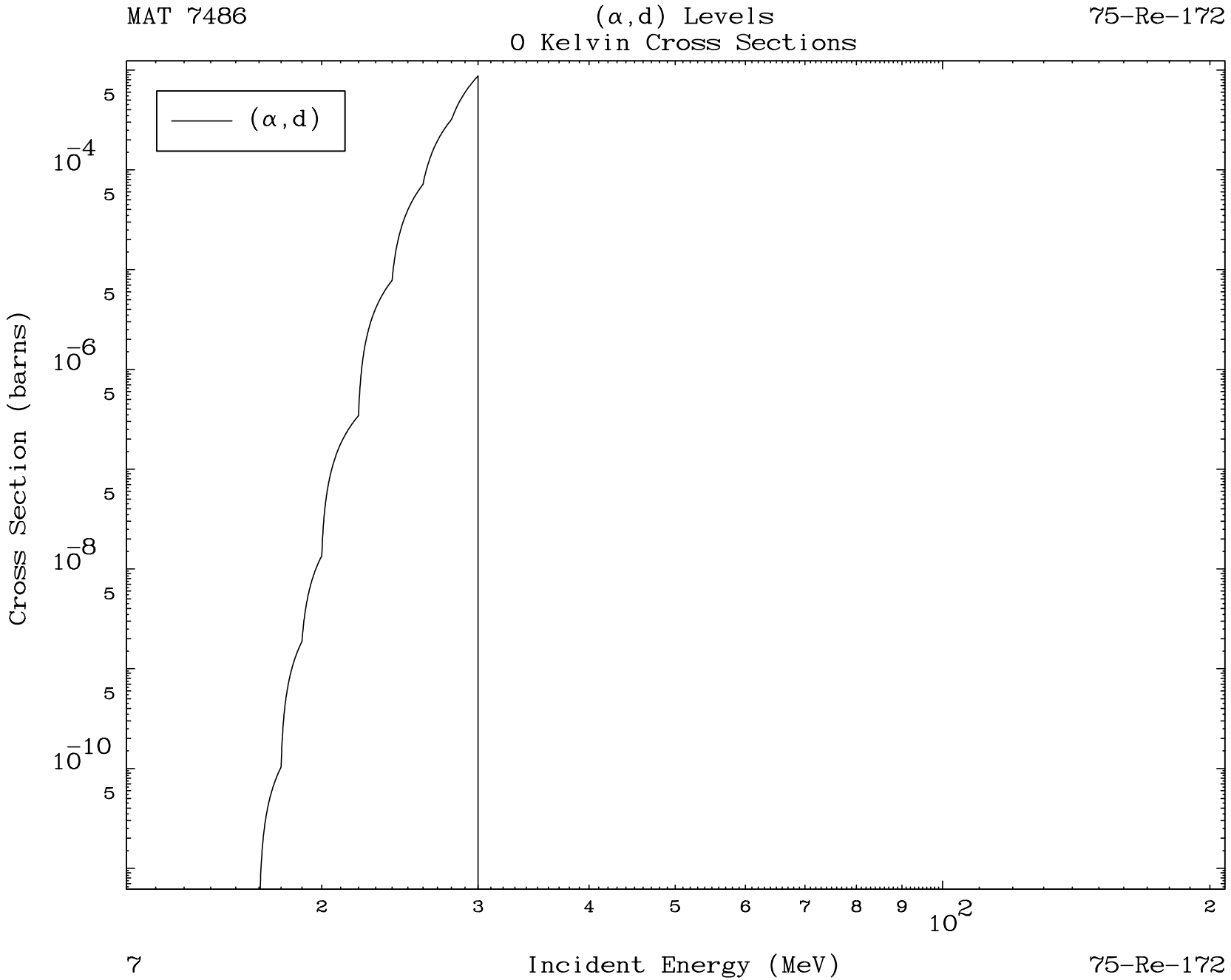

MAT 7486
α Neutron Production
0 Kelvin Cross Sections
75-Re-172
(α,2n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
75-Re-172
2

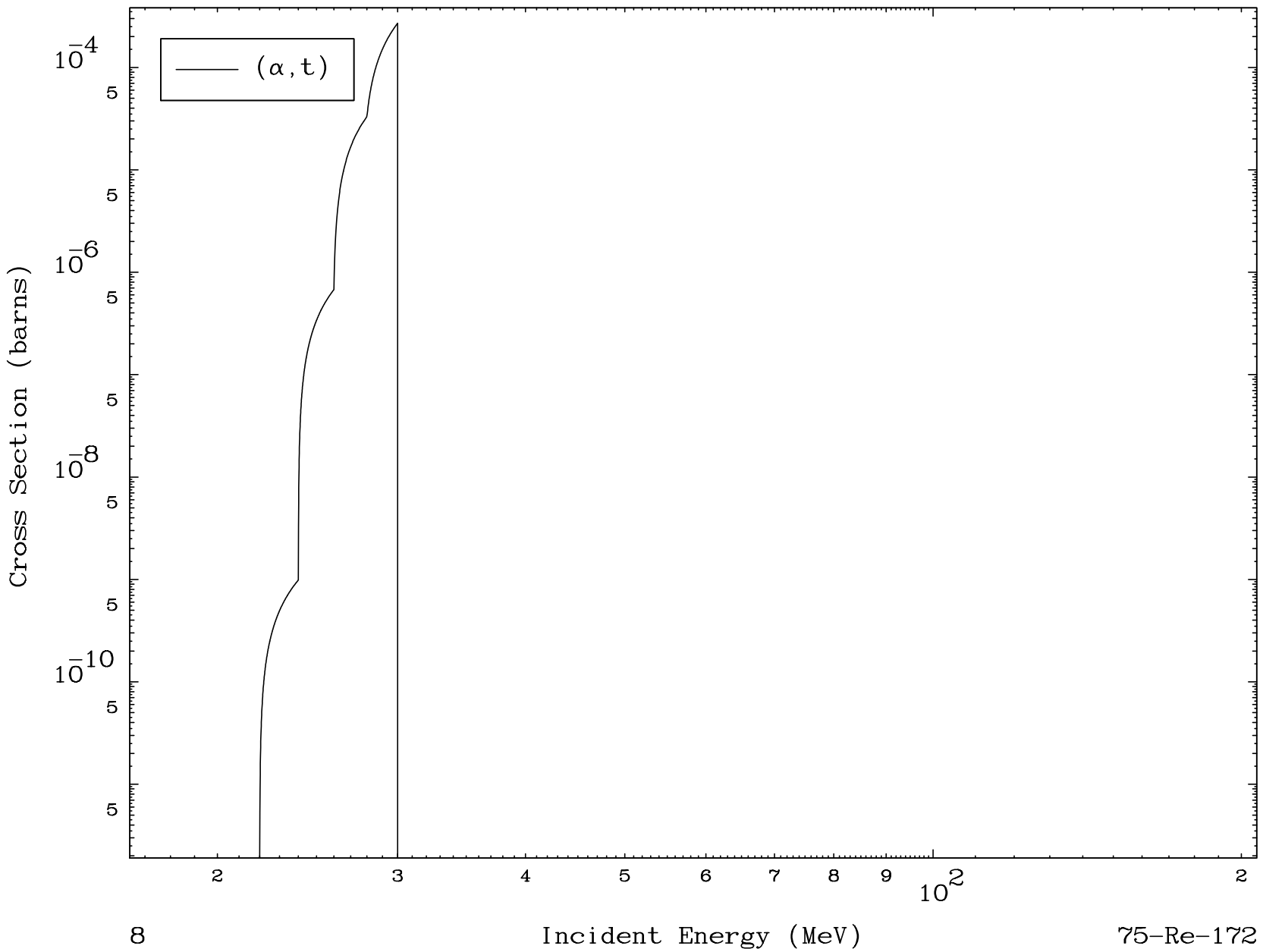

MAT 7486
α Charged Particle
0 Kelvin Cross Sections
75-Re-172
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,2n) p
(α,p)
(α,d)
Cross Section (barns)
Incident Energy (MeV)
3
75-Re-172

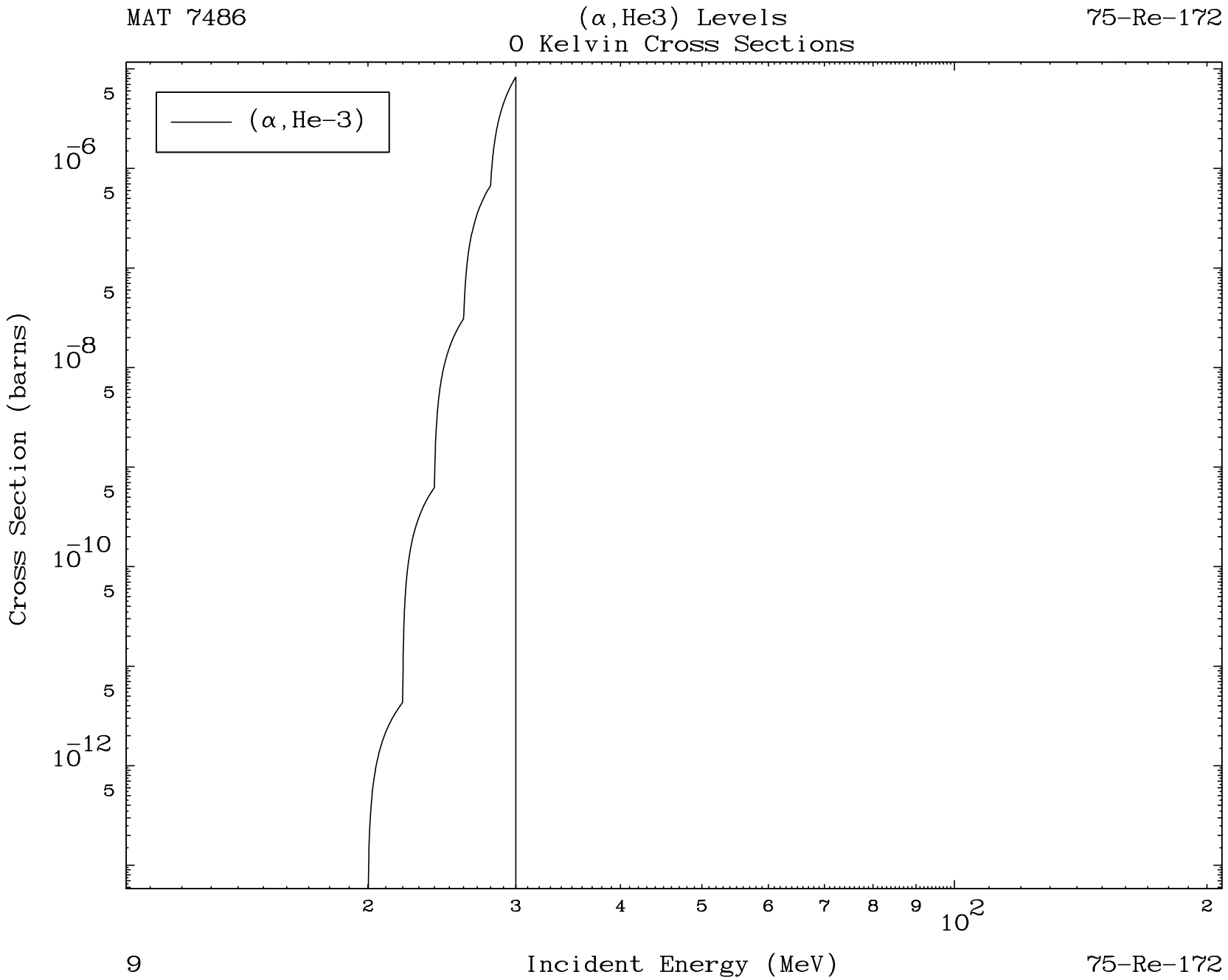

MAT 7486
α Charged Particle
0 Kelvin Cross Sections
75-Re-172
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
Cross Section (barns)
Incident Energy (MeV)
4
75-Re-172

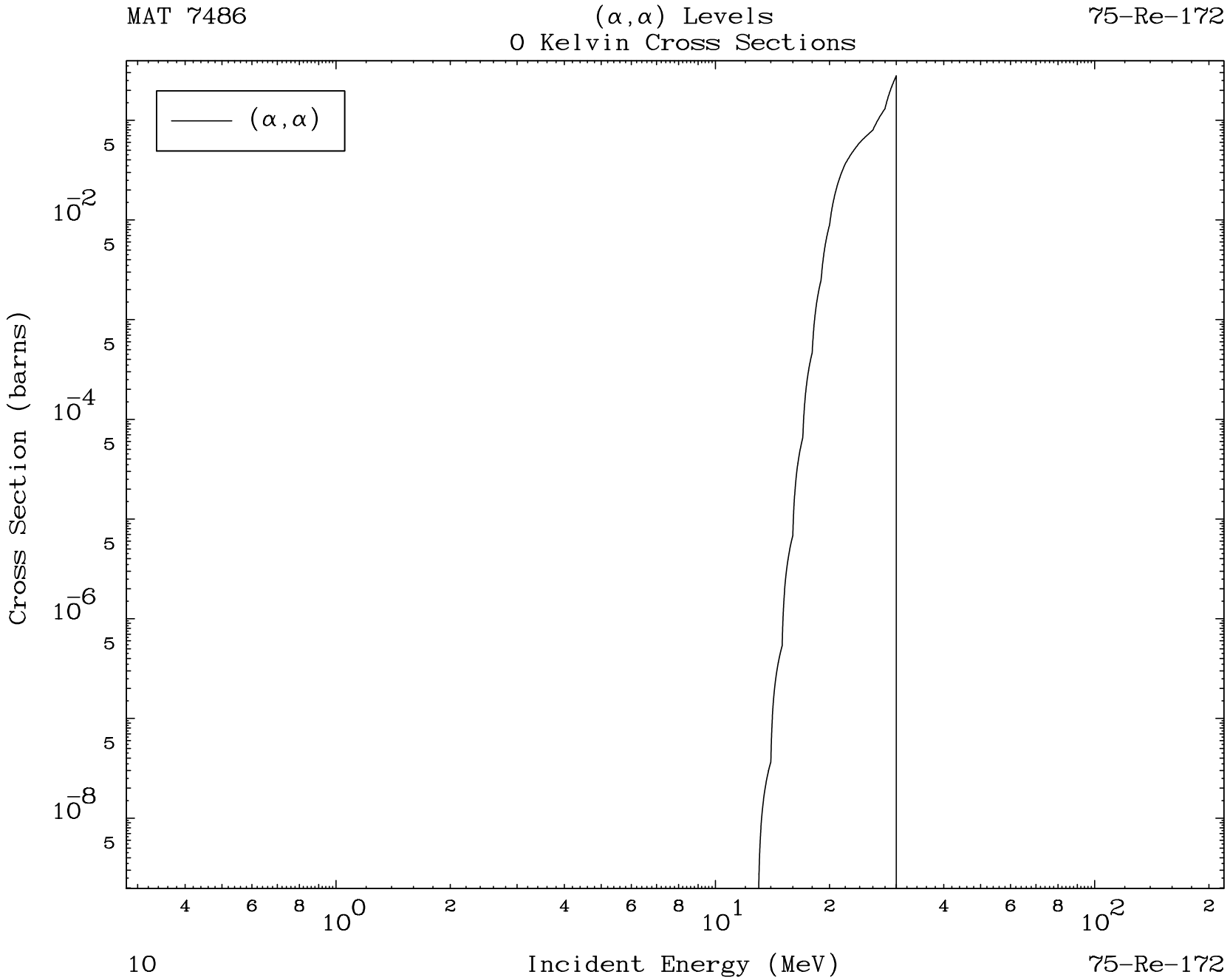

MAT 7486
(α,n') Level
75-Re-172
0 Kelvin Cross Sections
Cross Section (barns)
10-1
10-2
10-3
10-4
10-5
10-6
10-7
5
α Inelastic
2
3
4
5
6
7
8
9
10 2
2
5
Incident Energy (MeV)
75-Re-172

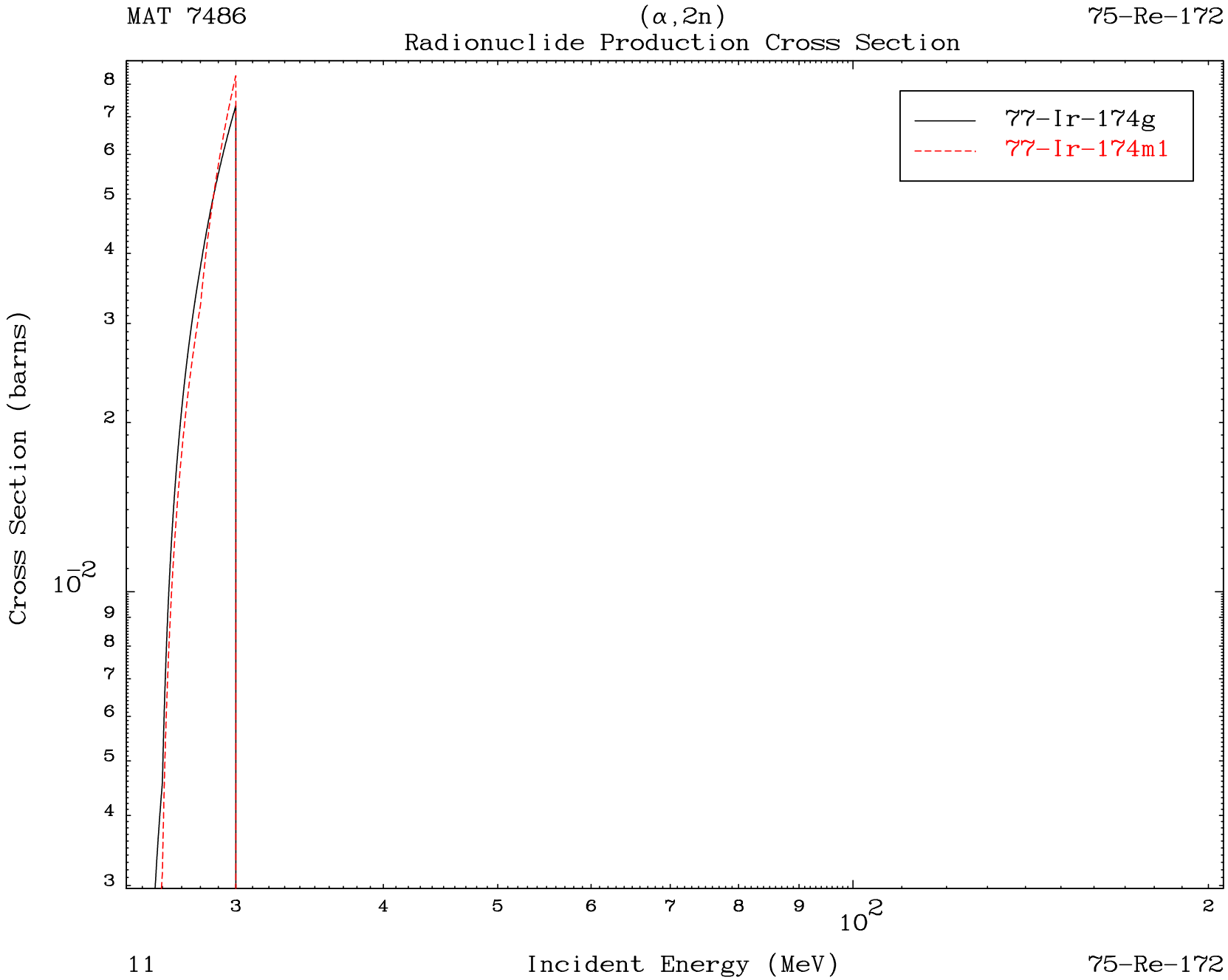

MAT 7486
(α,p) Levels
75-Re-172
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
6
75-Re-172

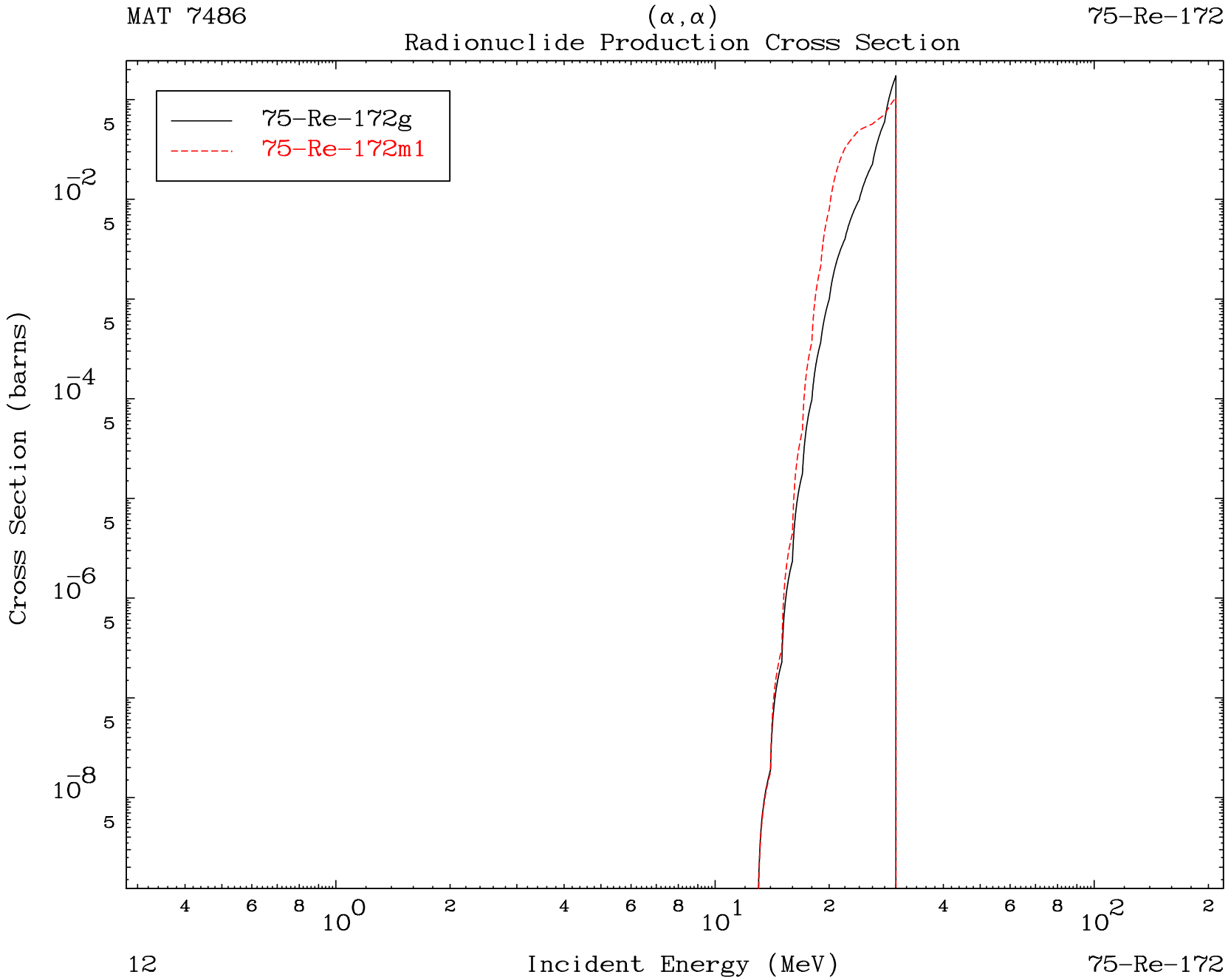

MAT 7486
(α,d) Levels
75-Re-172
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
7
75-Re-172


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


MAT 7486
(α,He3) Levels
75-Re-172
0 Kelvin Cross Sections
(α,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
Incident Energy (MeV)
9
75-Re-172


MAT 7486
(α,α) Levels
75-Re-172
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
10^0
10^1
10^2
2
4
6
8
10
Incident Energy (MeV)
75-Re-172


MAT 7486
(α,2n)
75-Re-172
Radionuclide Production Cross Section
77-Ir-174g
77-Ir-174m1
Cross Section (barns)
10^-2
10^2
Incident Energy (MeV)
11
75-Re-172


MAT 7486
(α,α)
75-Re-172
Radionuclide Production Cross Section
75-Re-172g
75-Re-172m1
Cross Section (barns)
Incident Energy (MeV)
12
75-Re-172