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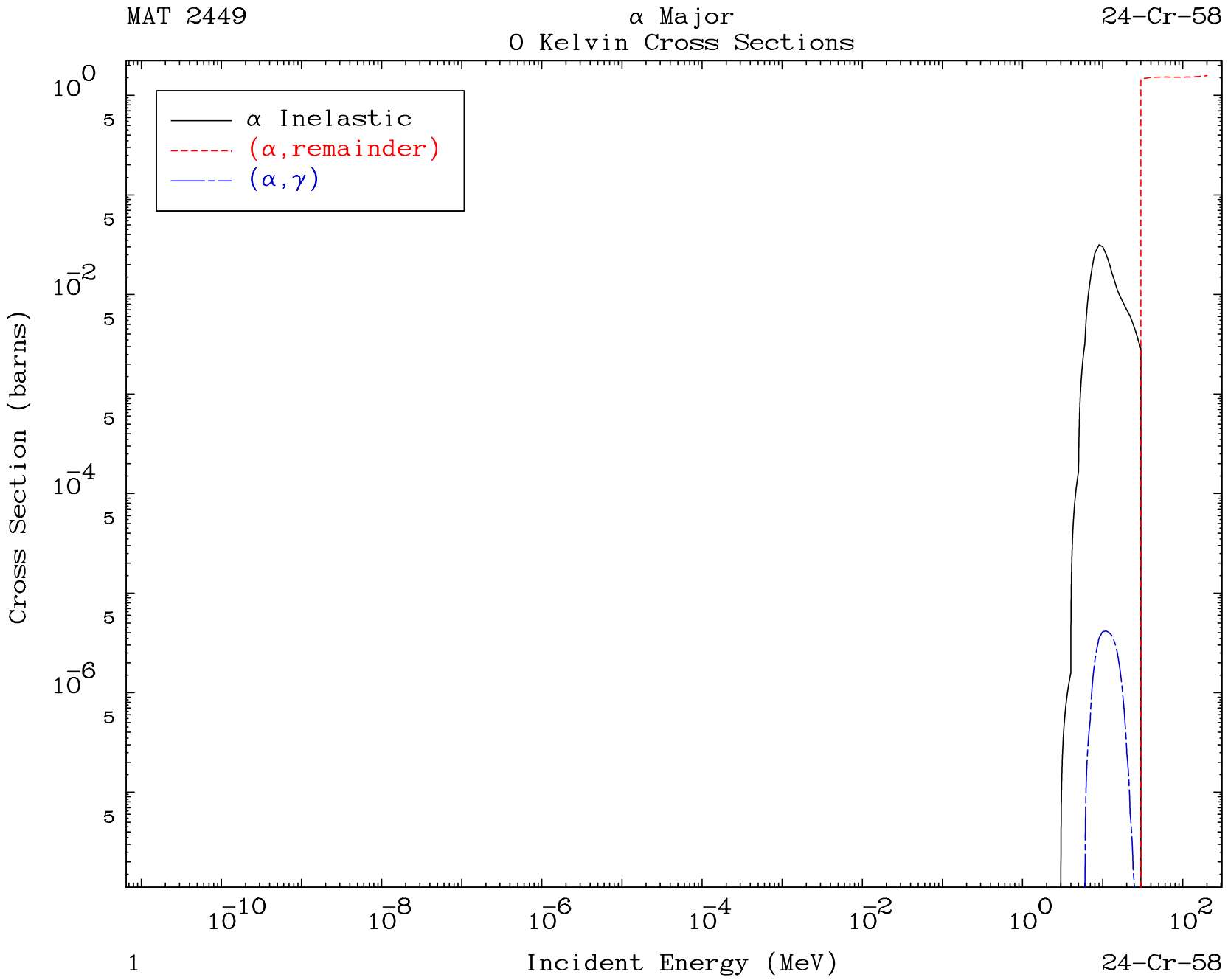
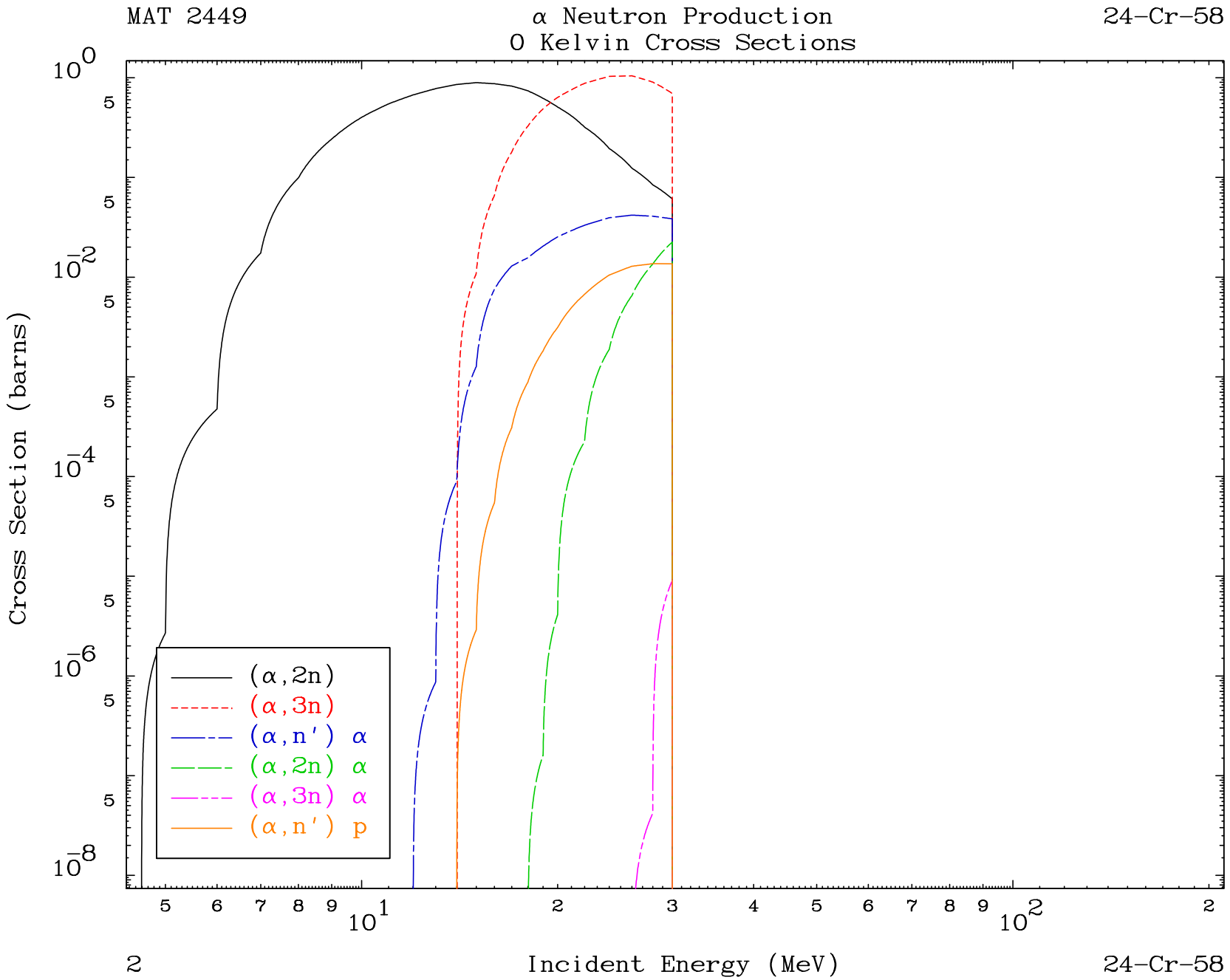
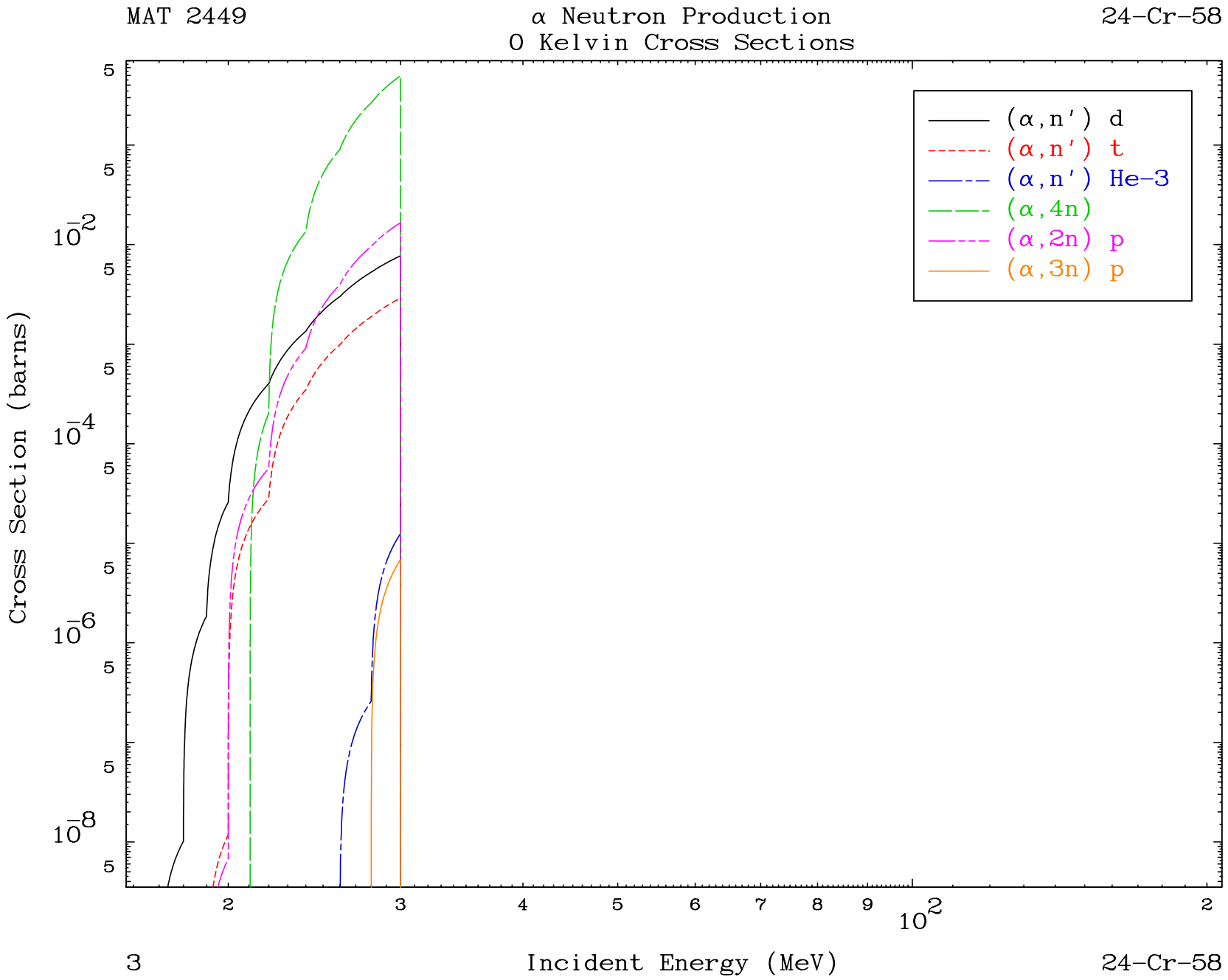
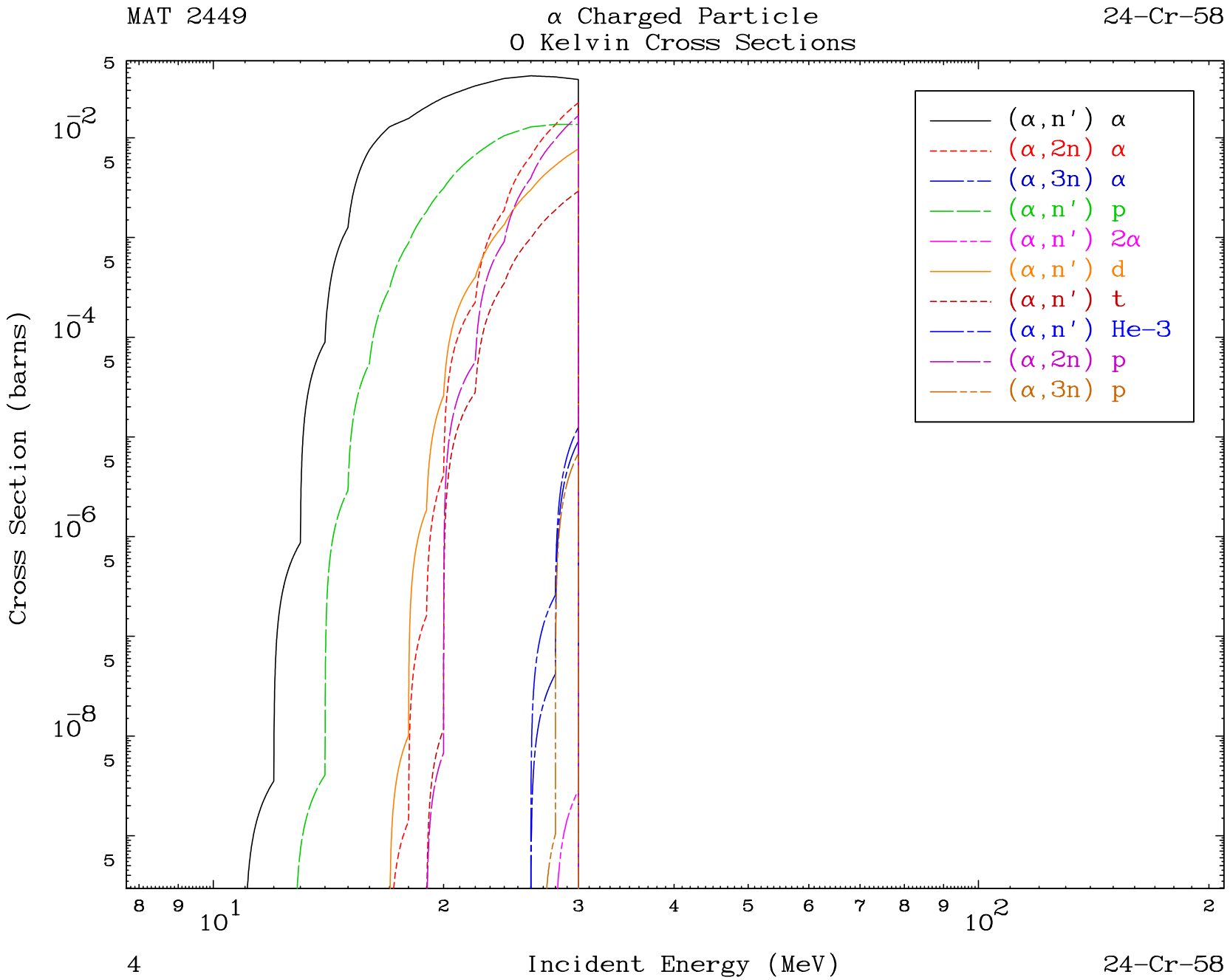
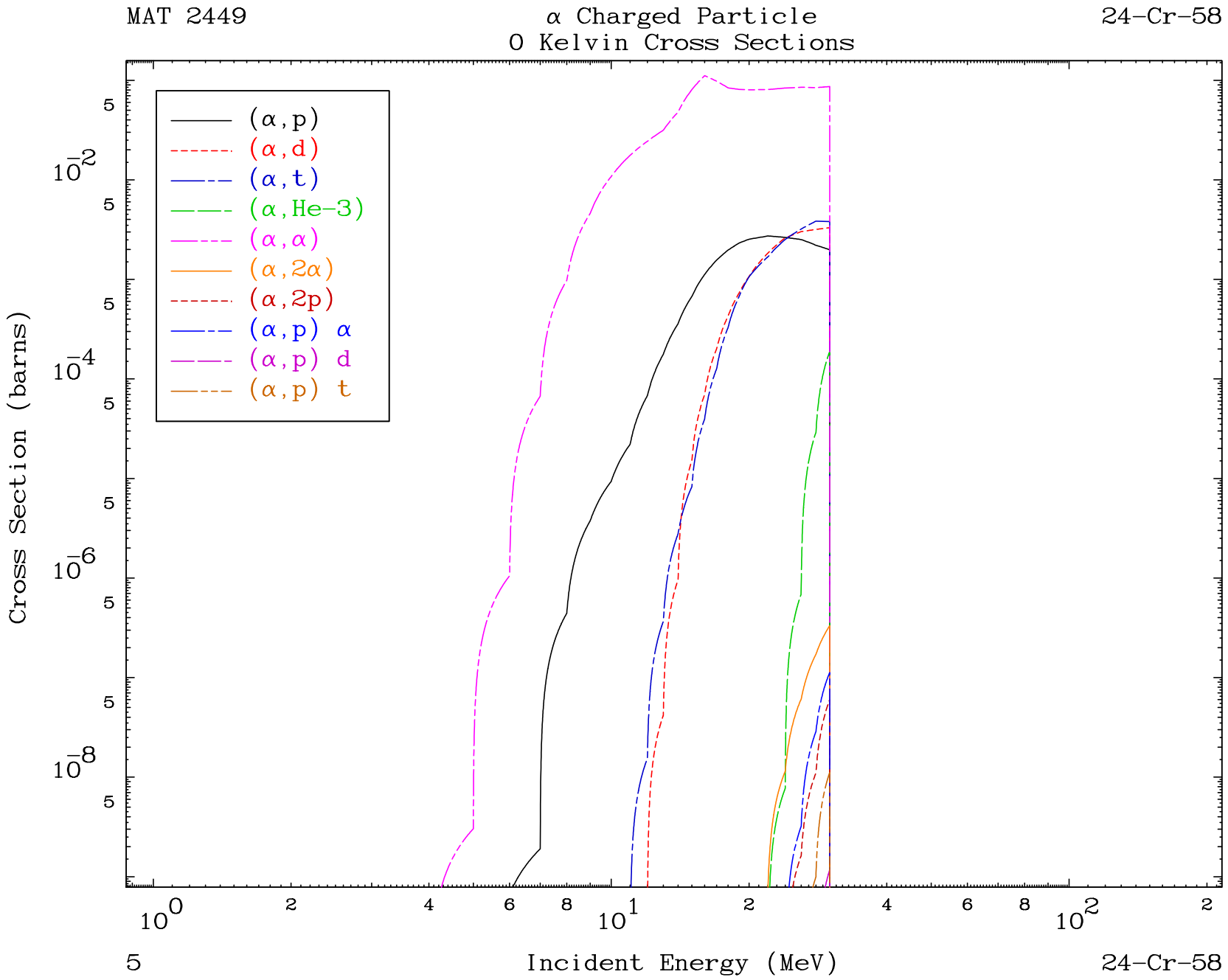
Press Mouse Button to Start

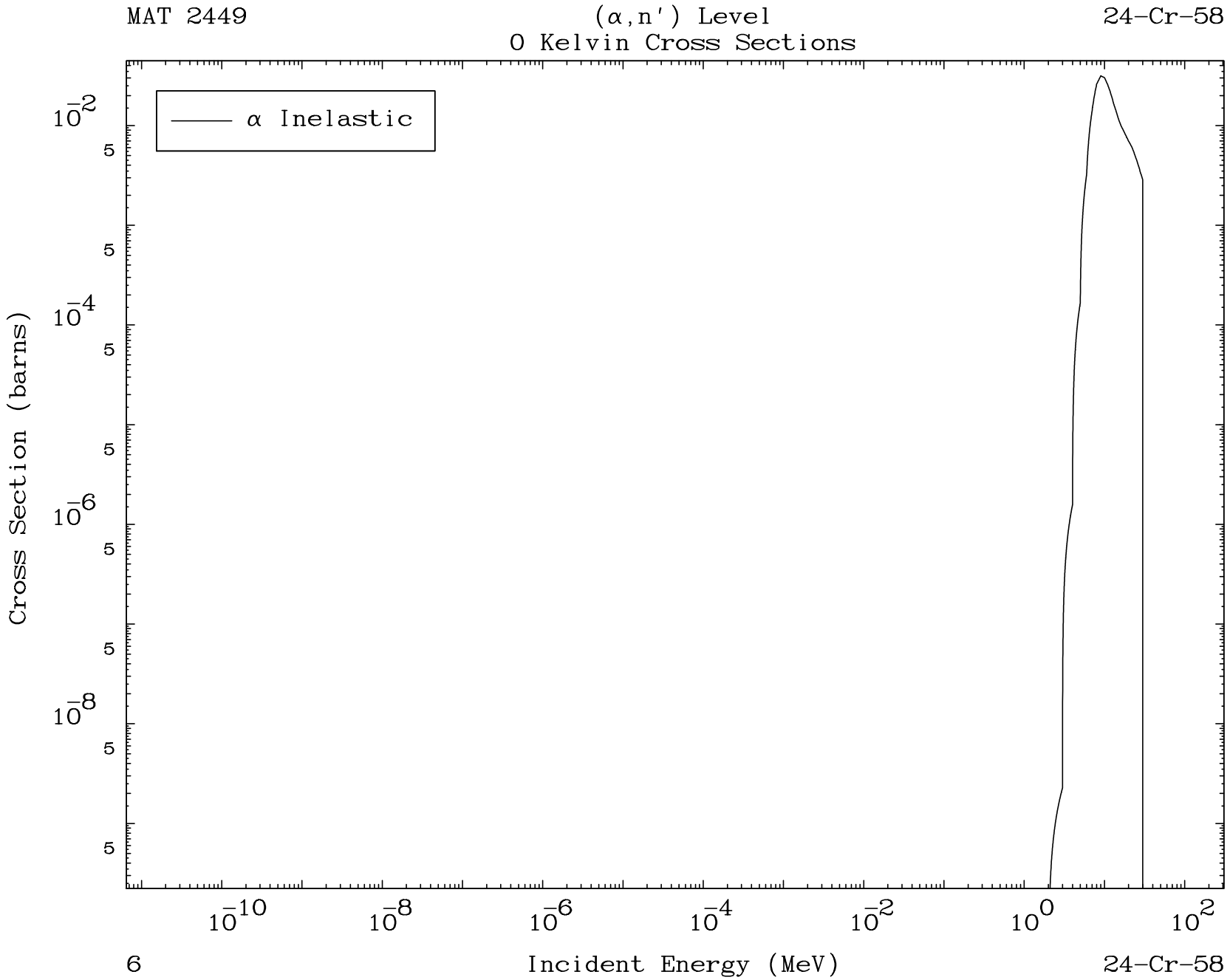

MAT 2449
α Major
24-Cr-58
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
24-Cr-58

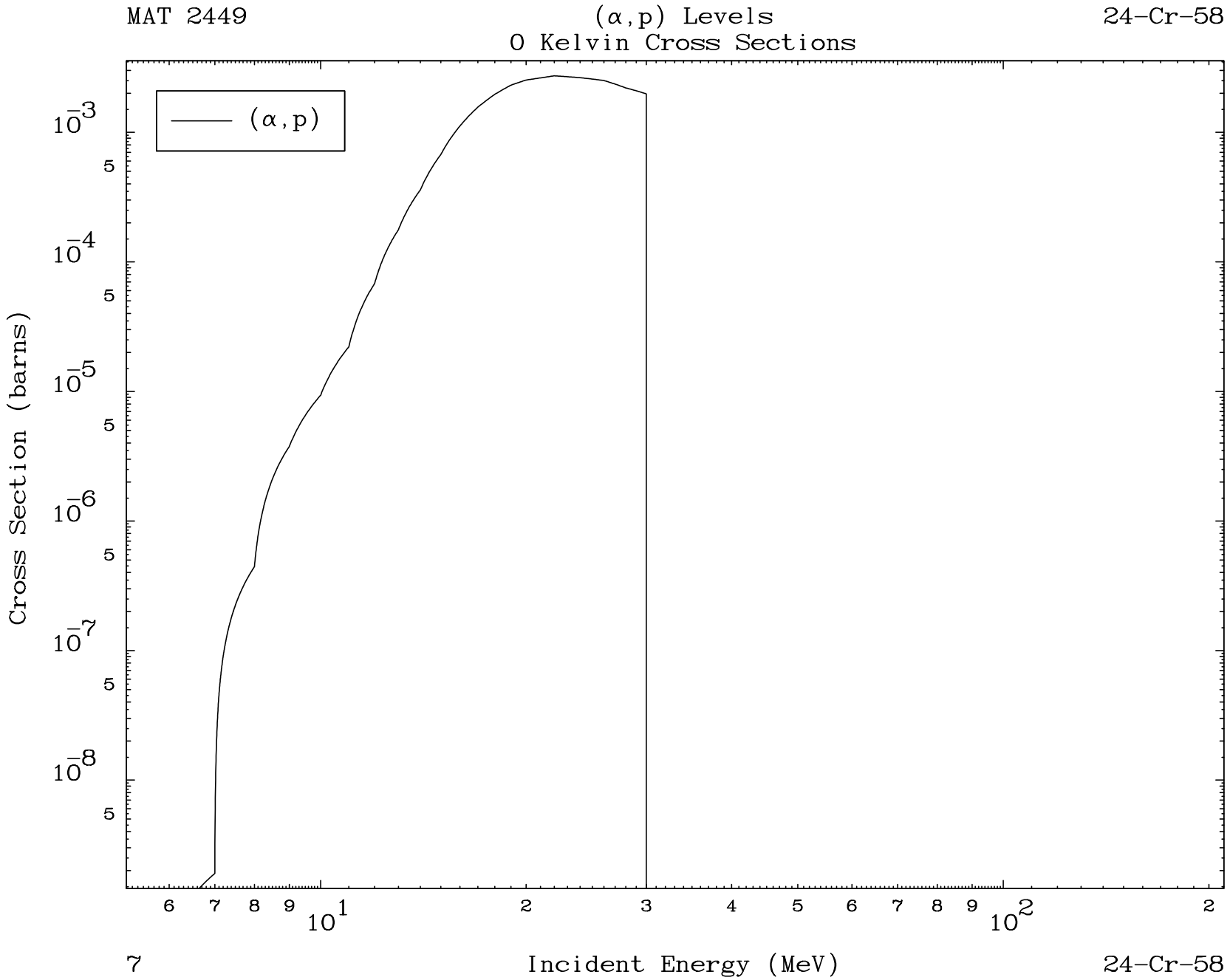

MAT 2449
α Neutron Production
0 Kelvin Cross Sections
24-Cr-58
Cross Section (barns)
Incident Energy (MeV)
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p

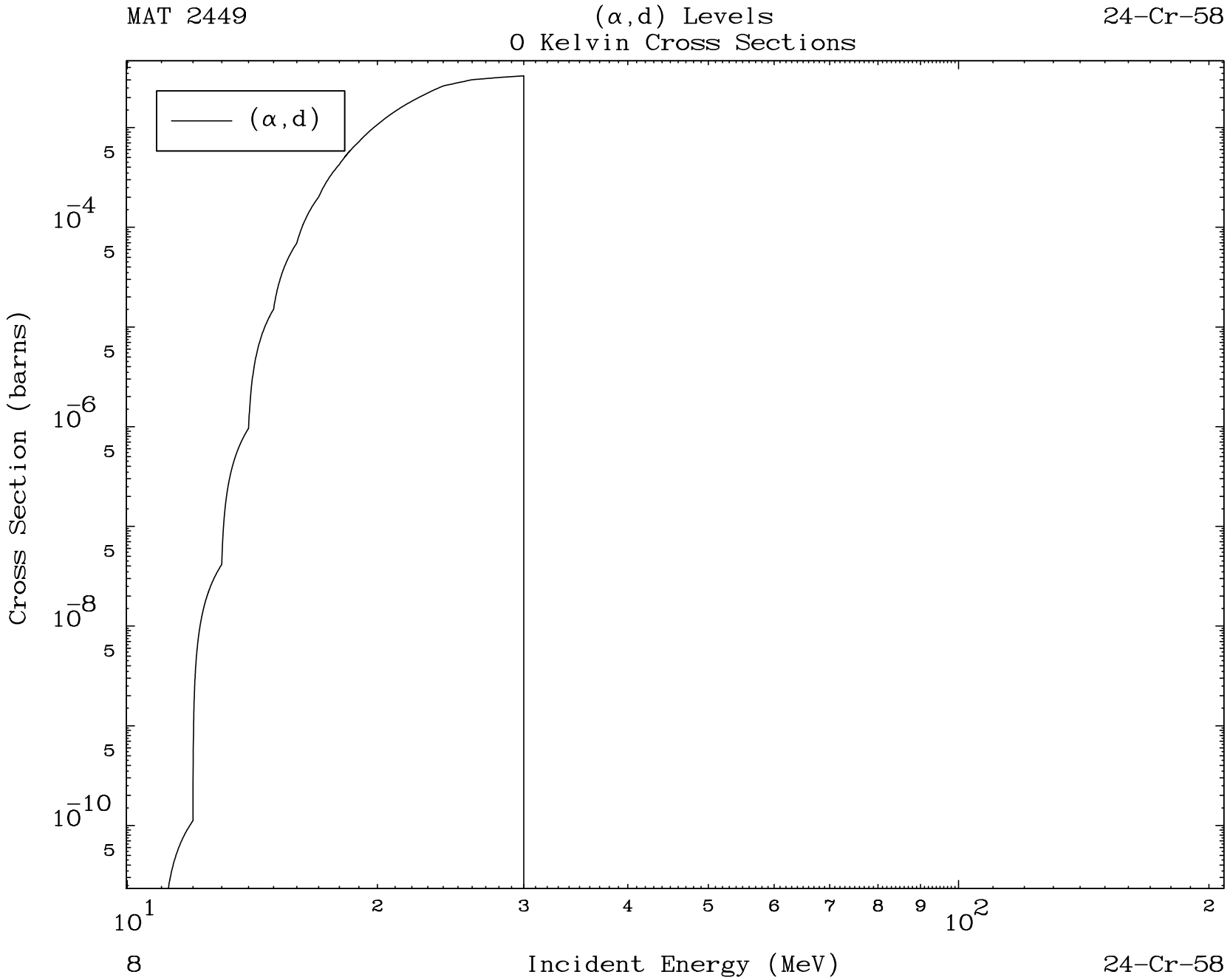

MAT 2449
α Neutron Production
0 Kelvin Cross Sections
24-Cr-58
(α,n') d
(α,n') t
(α,n') He-3
(α,4n)
(α,2n) p
(α,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
24-Cr-58

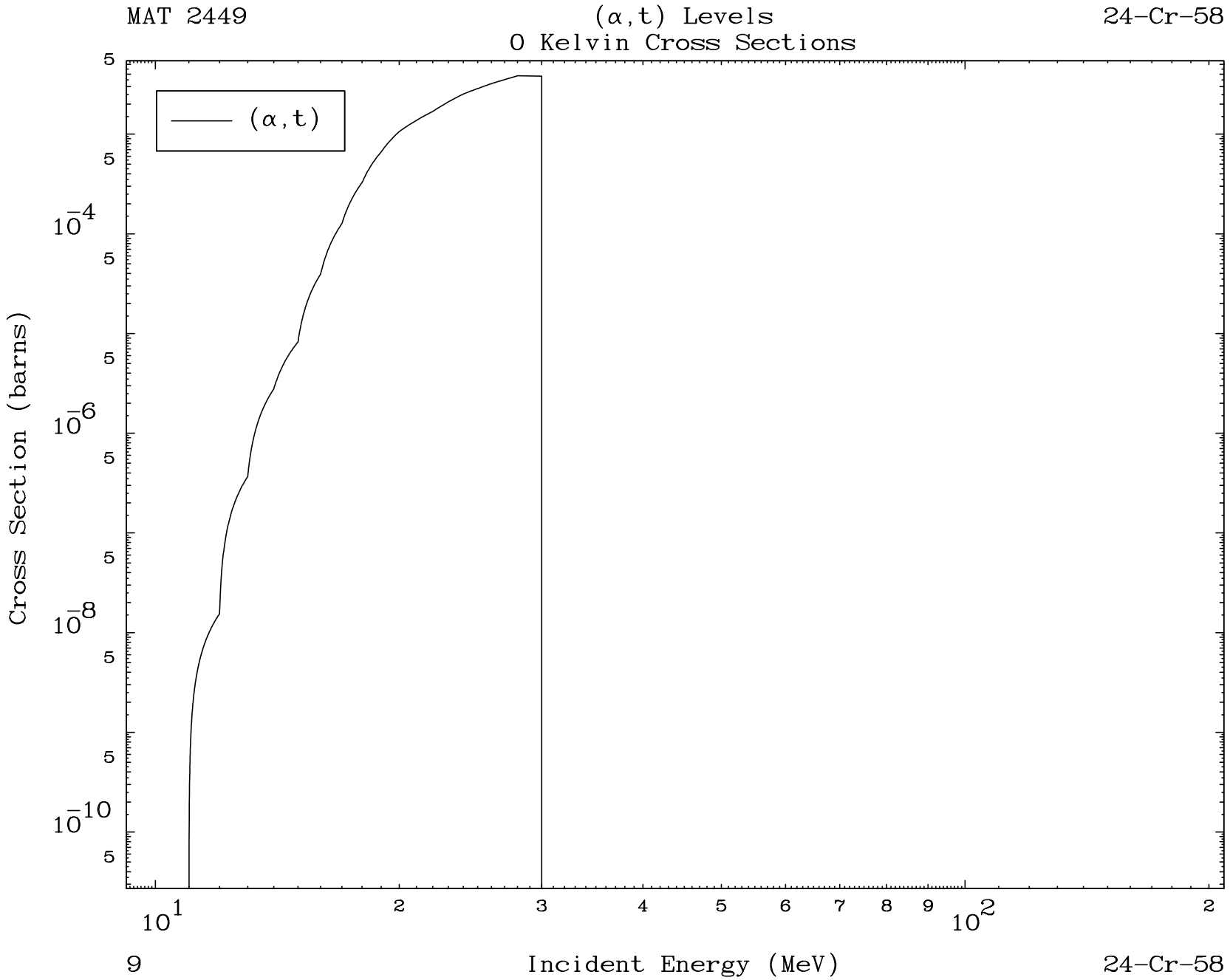

MAT 2449
α Charged Particle
0 Kelvin Cross Sections
24-Cr-58
Cross Section (barns)
Incident Energy (MeV)
4
24-Cr-58
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,3n) p

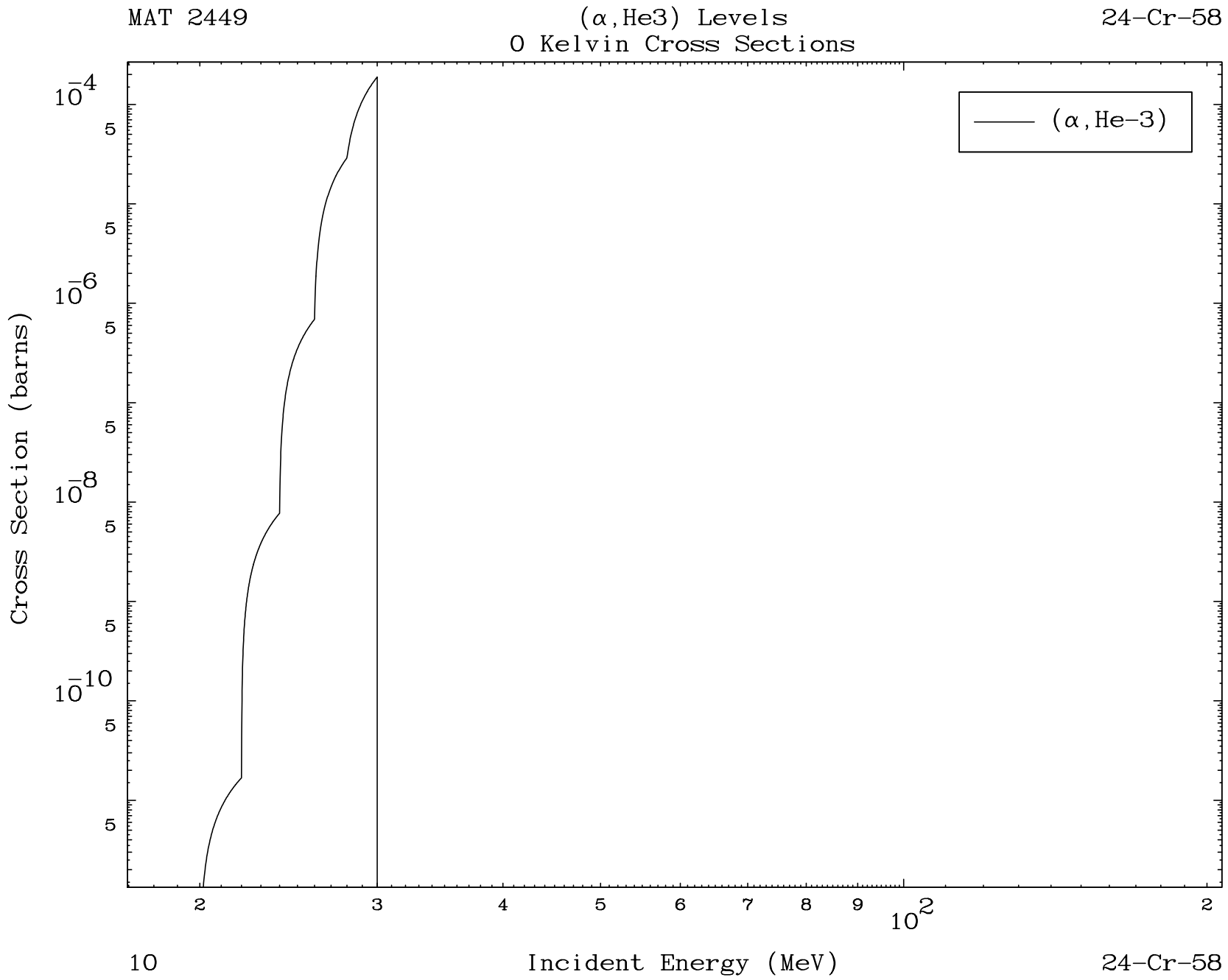

MAT 2449
α Charged Particle
0 Kelvin Cross Sections
24-Cr-58
(α,p)
(α,d)
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
24-Cr-58

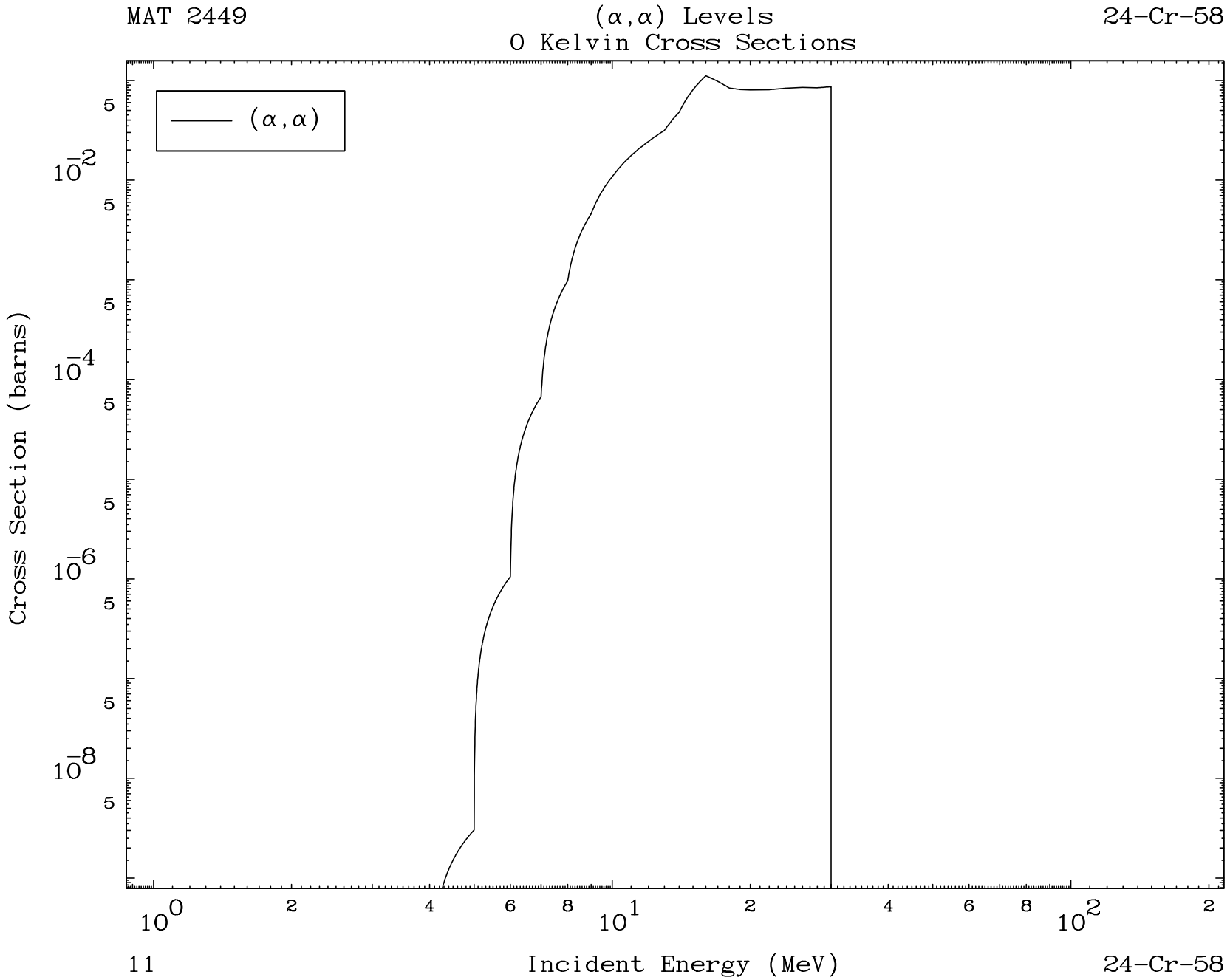

MAT 2449
(α,n') Level
24-Cr-58
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
10^0
10^2
Incident Energy (MeV)
6
24-Cr-58

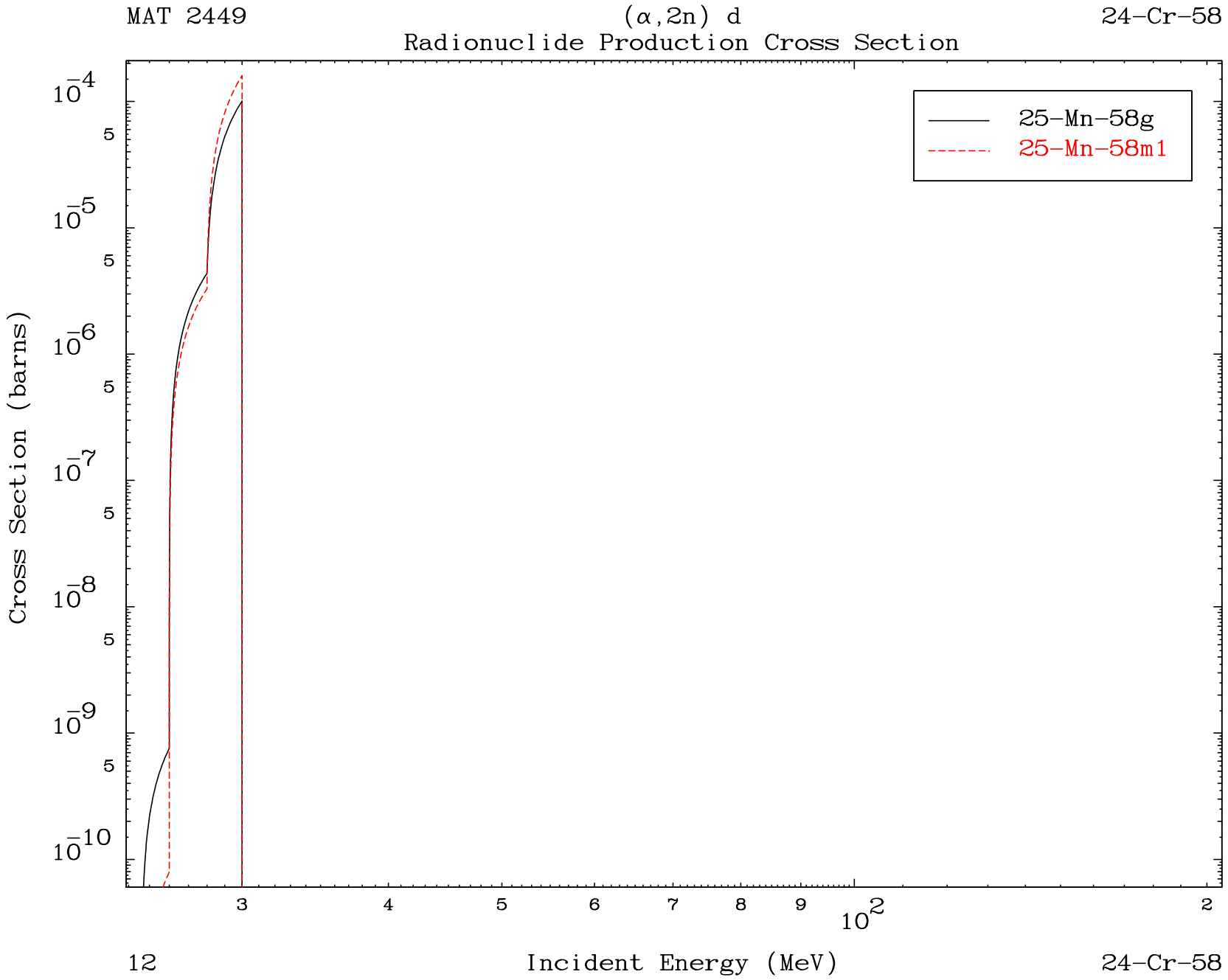

MAT 2449
(α,p) Levels
24-Cr-58
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-3
10-4
10-5
10-6
10-7
10-8
6 7 8 9 10 2 3 4 5 6 7 8 9 10 2
Incident Energy (MeV)
7
24-Cr-58

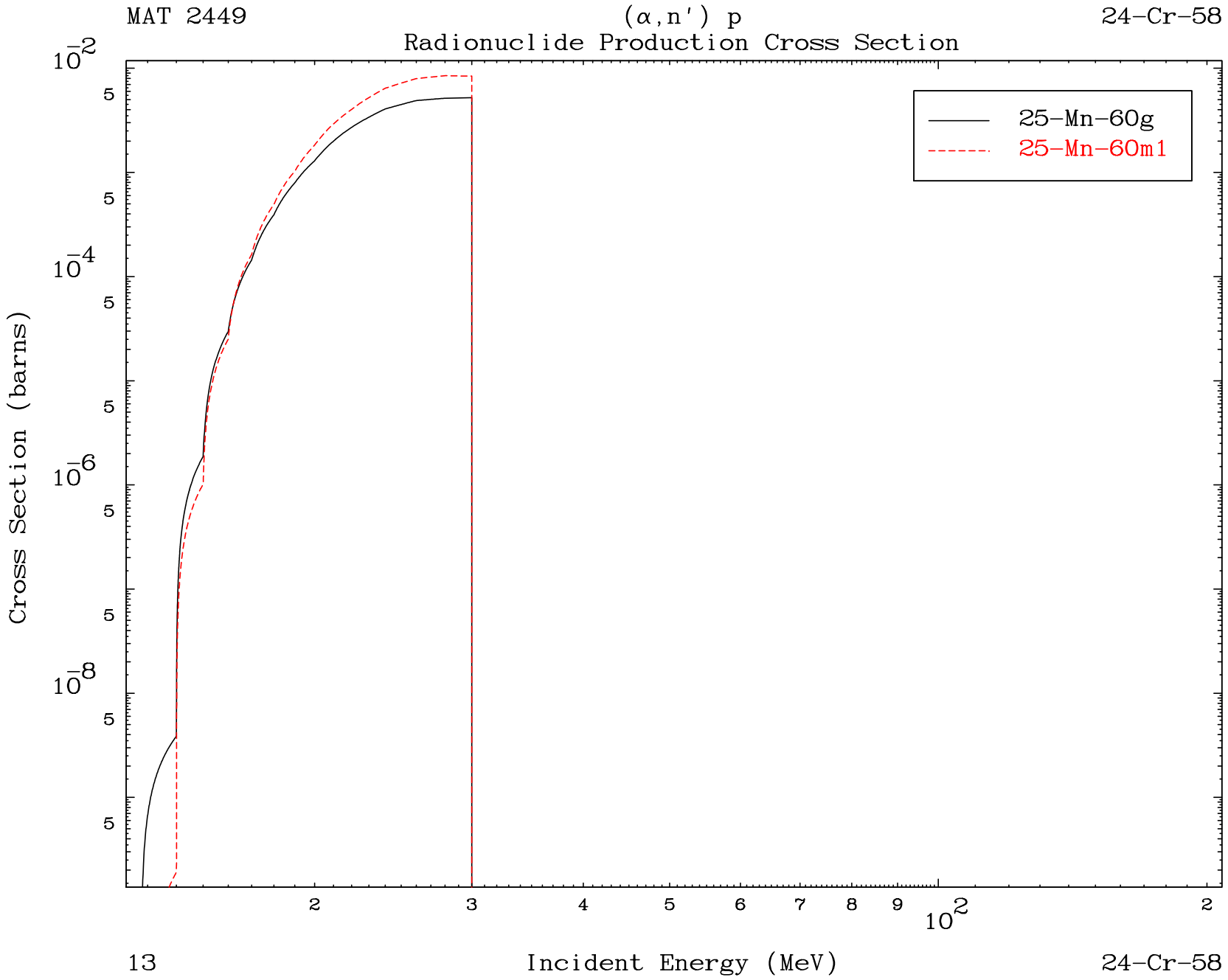

MAT 2449
(α,d) Levels
24-Cr-58
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
10 1
2
3
4
5
6
7
8
9
10 2
2
24-Cr-58

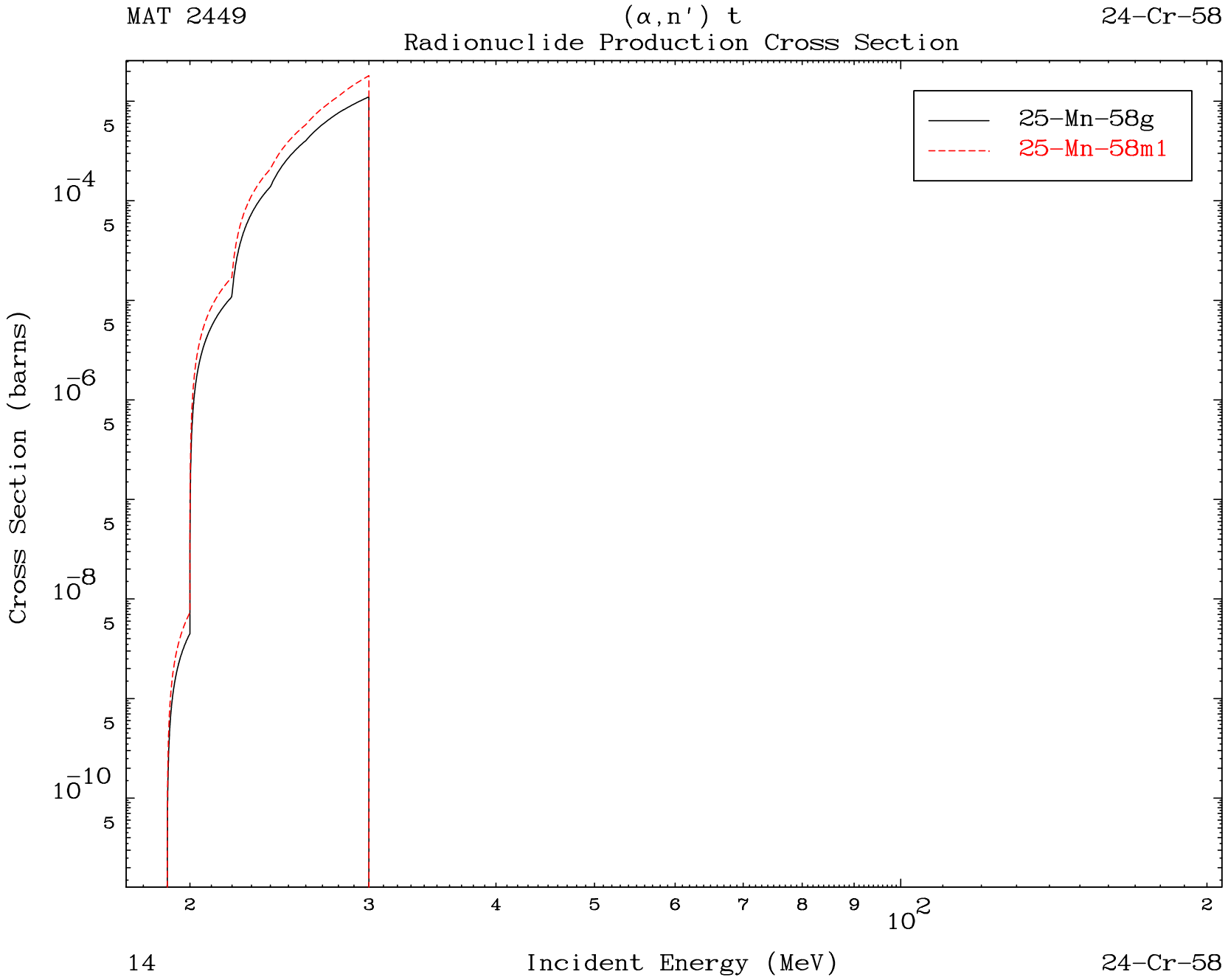

MAT 2449
(α,t) Levels
24-Cr-58
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
10^1
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
9
24-Cr-58

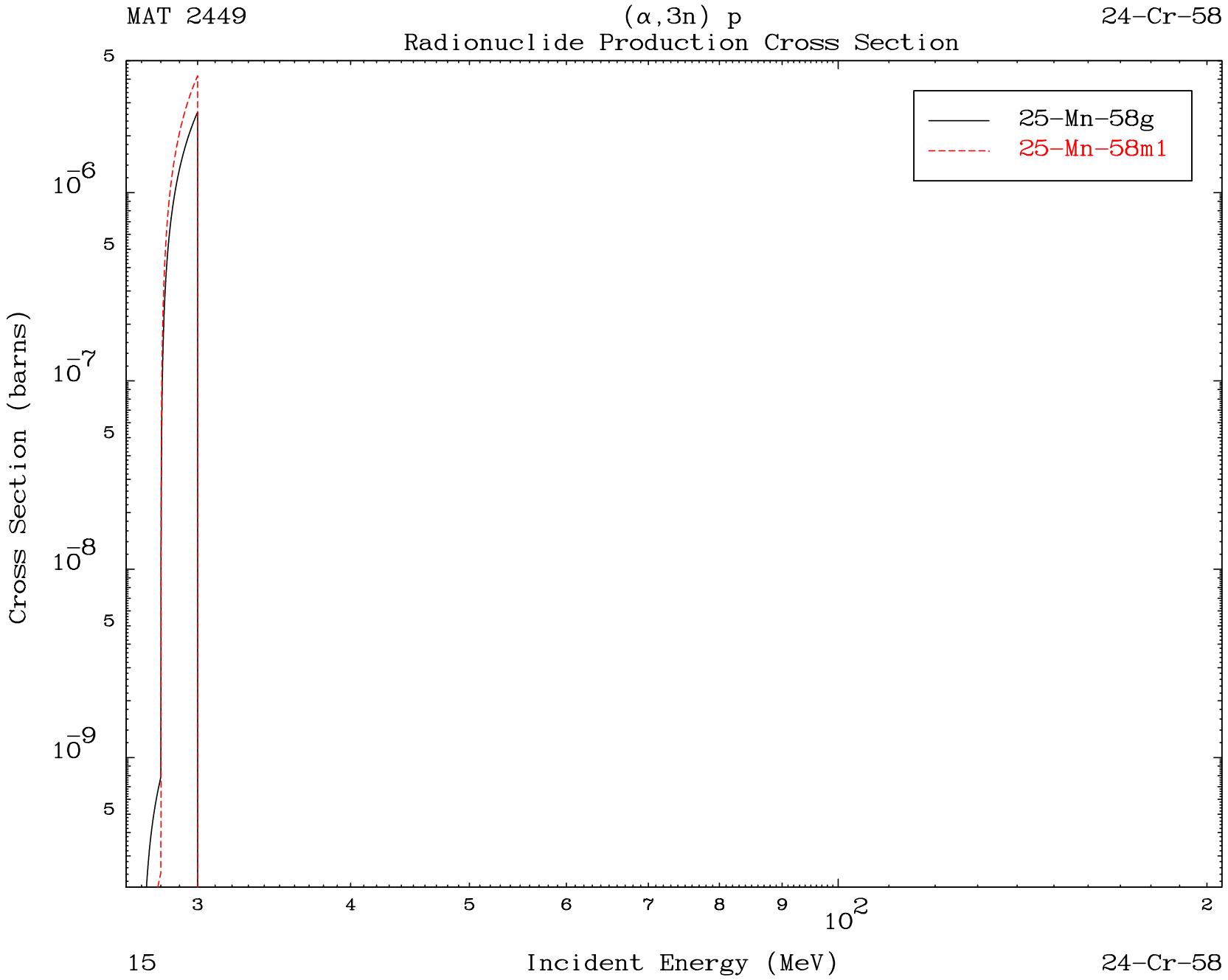

MAT 2449
(α,He3) Levels
24-Cr-58
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
24-Cr-58

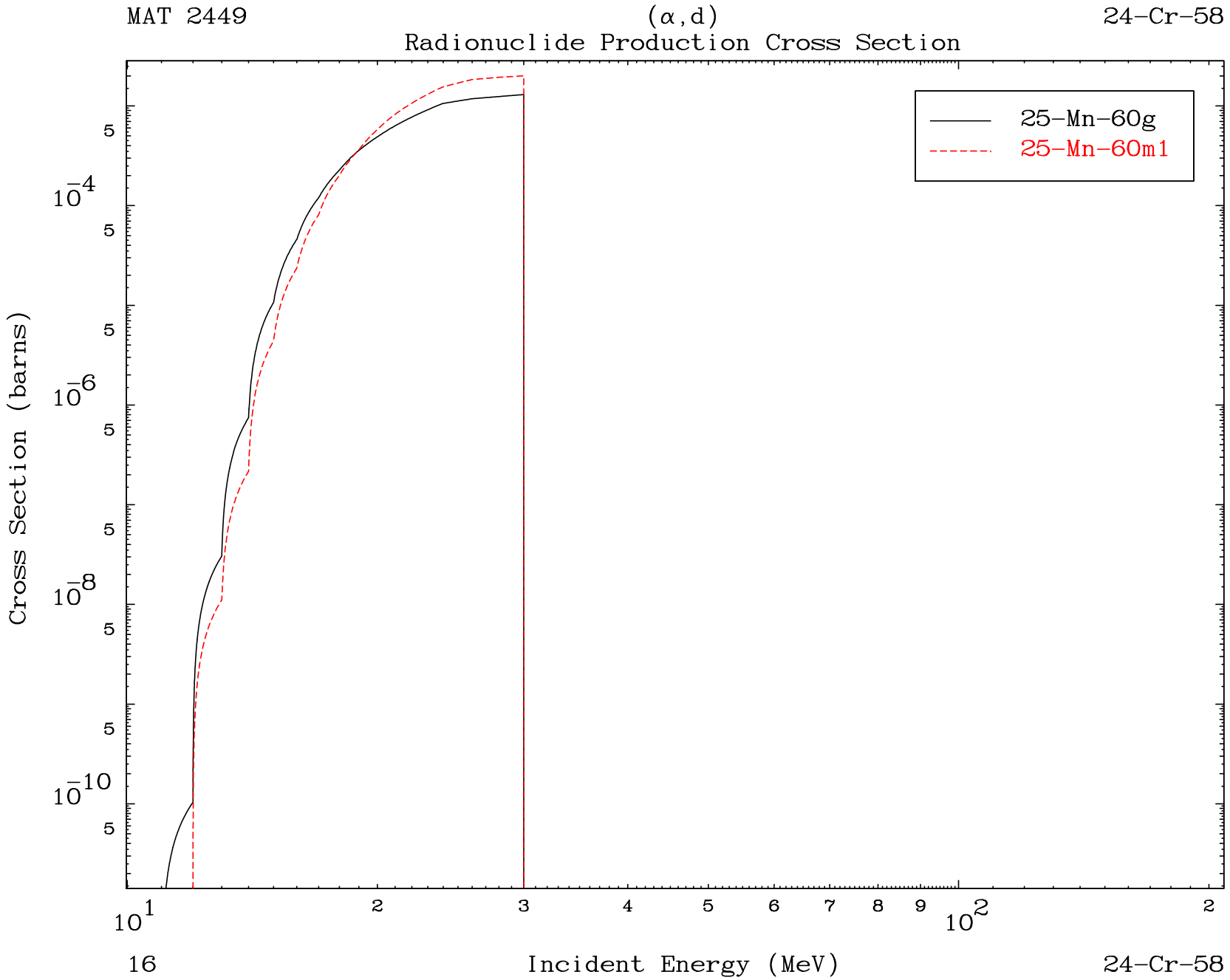

MAT 2449
(α,α) Levels
24-Cr-58
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
100
2
4
6
8
101
102
Incident Energy (MeV)
11
24-Cr-58


MAT 2449
(α,2n) d
24-Cr-58
Radionuclide Production Cross Section
25-Mn-58g
25-Mn-58m1
Cross Section (barns)
10-4
10-5
10-6
10-7
10-8
10-9
10-10
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
24-Cr-58


MAT 2449
(α,n') p
24-Cr-58
Radionuclide Production Cross Section
25-Mn-60g
25-Mn-60m1
Cross Section (barns)
Incident Energy (MeV)
13
24-Cr-58


MAT 2449
(α,n') t
24-Cr-58
Radionuclide Production Cross Section
25-Mn-58g
25-Mn-58m1
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
14
24-Cr-58


MAT 2449
(α,3n) p
24-Cr-58
Radionuclide Production Cross Section
25-Mn-58g
25-Mn-58m1
Cross Section (barns)
10-6
10-7
10-8
10-9
5
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
24-Cr-58


MAT 2449
(α,d)
24-Cr-58
Radionuclide Production Cross Section
25-Mn-60g
25-Mn-60m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
101
2
3
4
5
6
7
8
9
102
2
16
Incident Energy (MeV)
24-Cr-58