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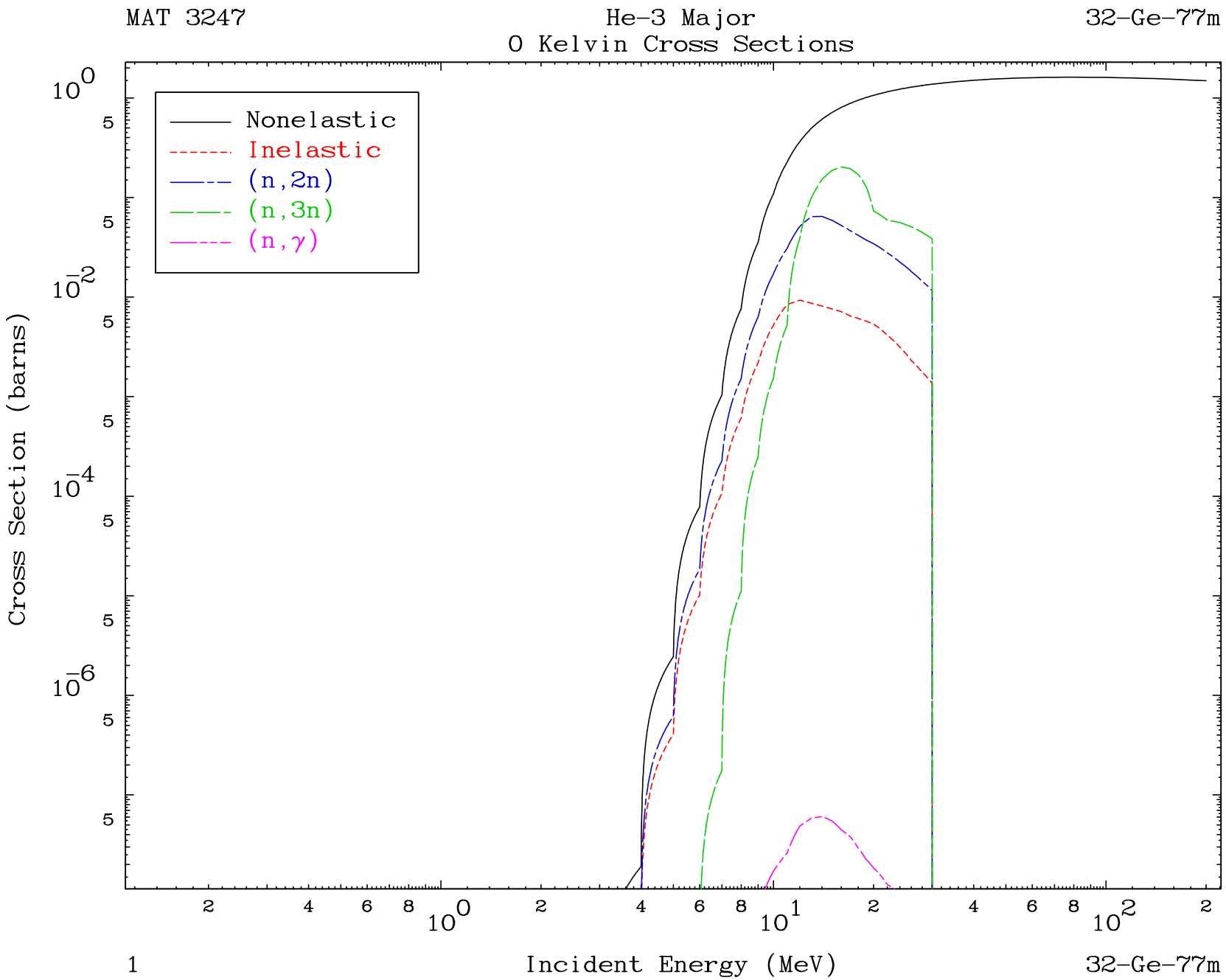
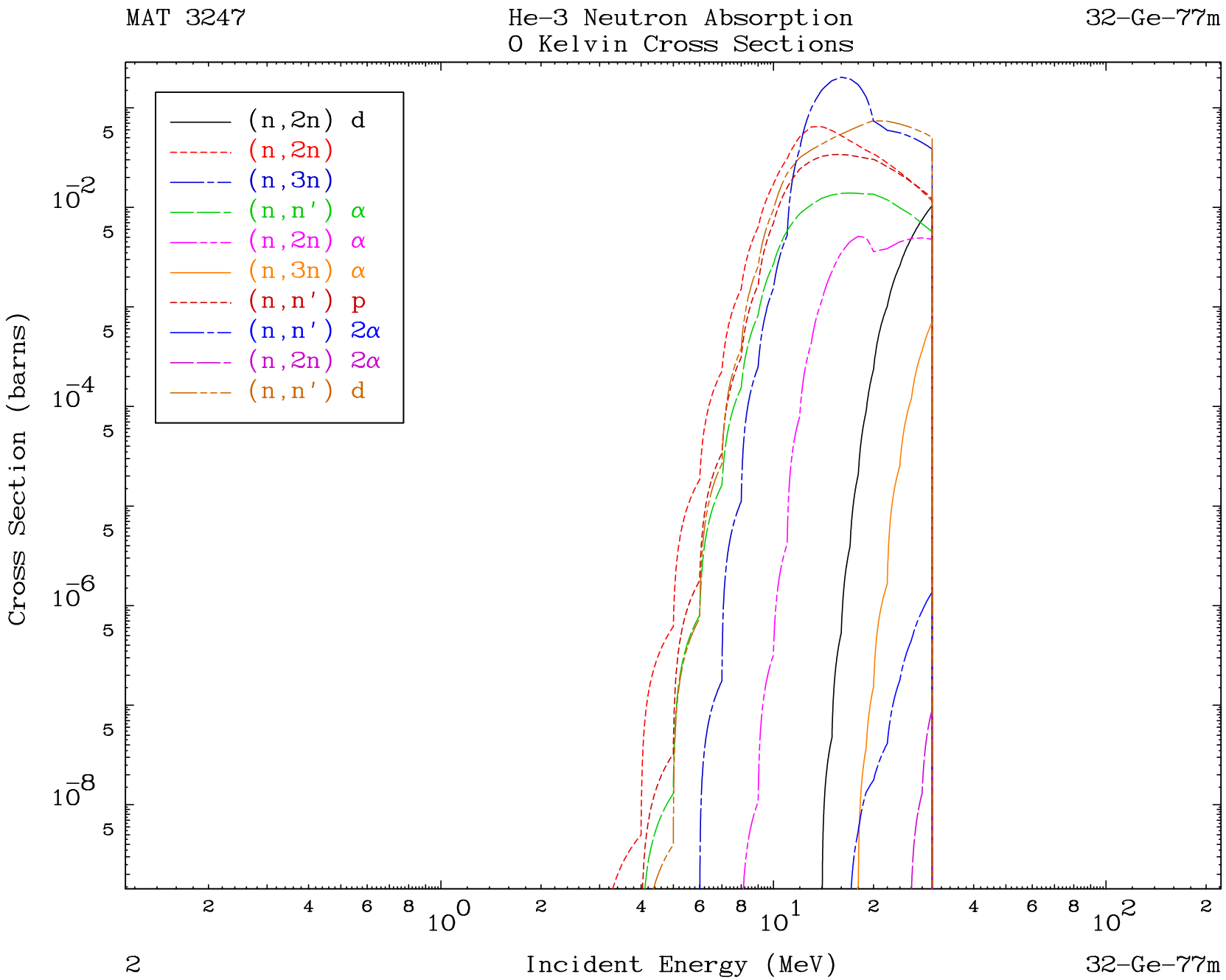
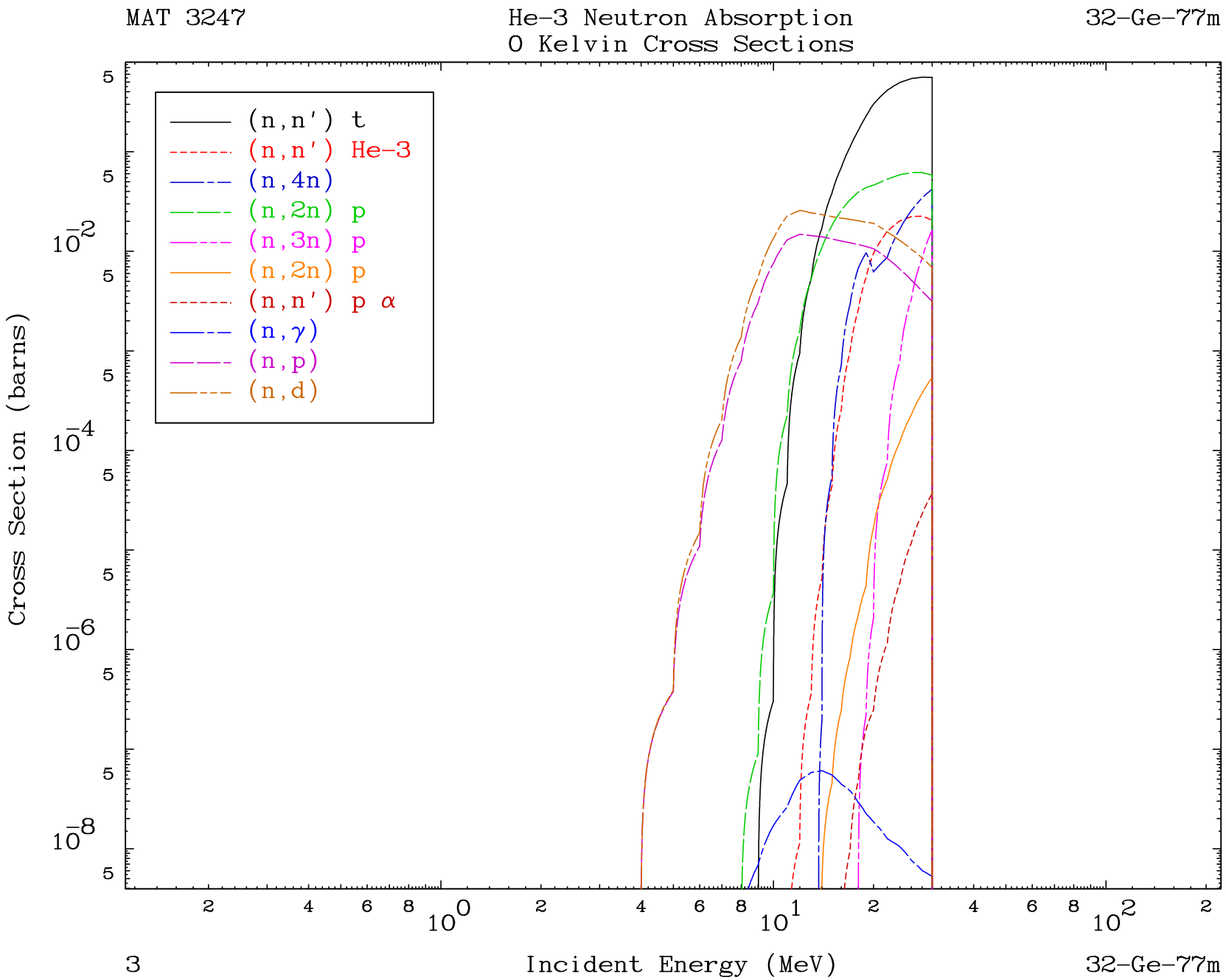
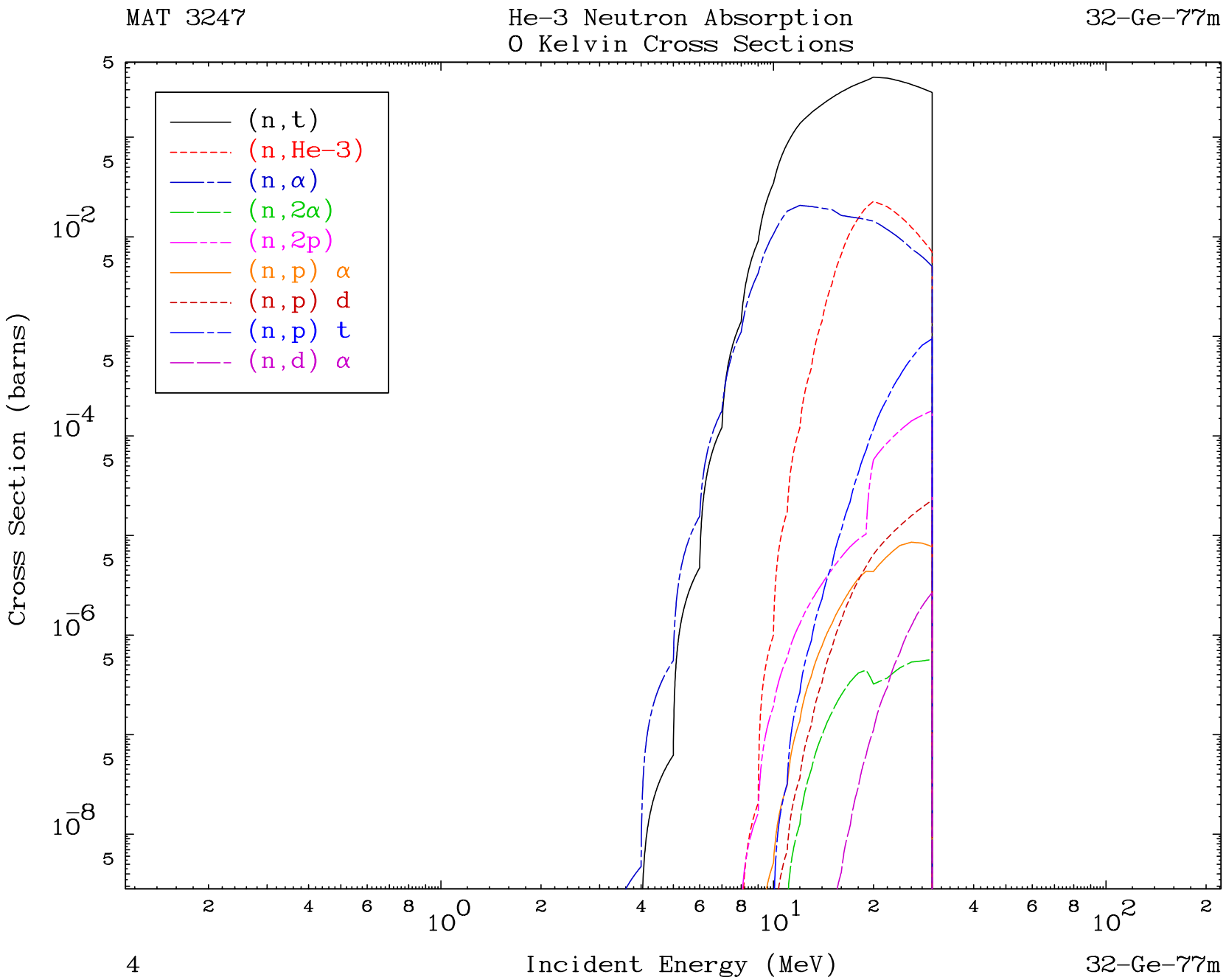
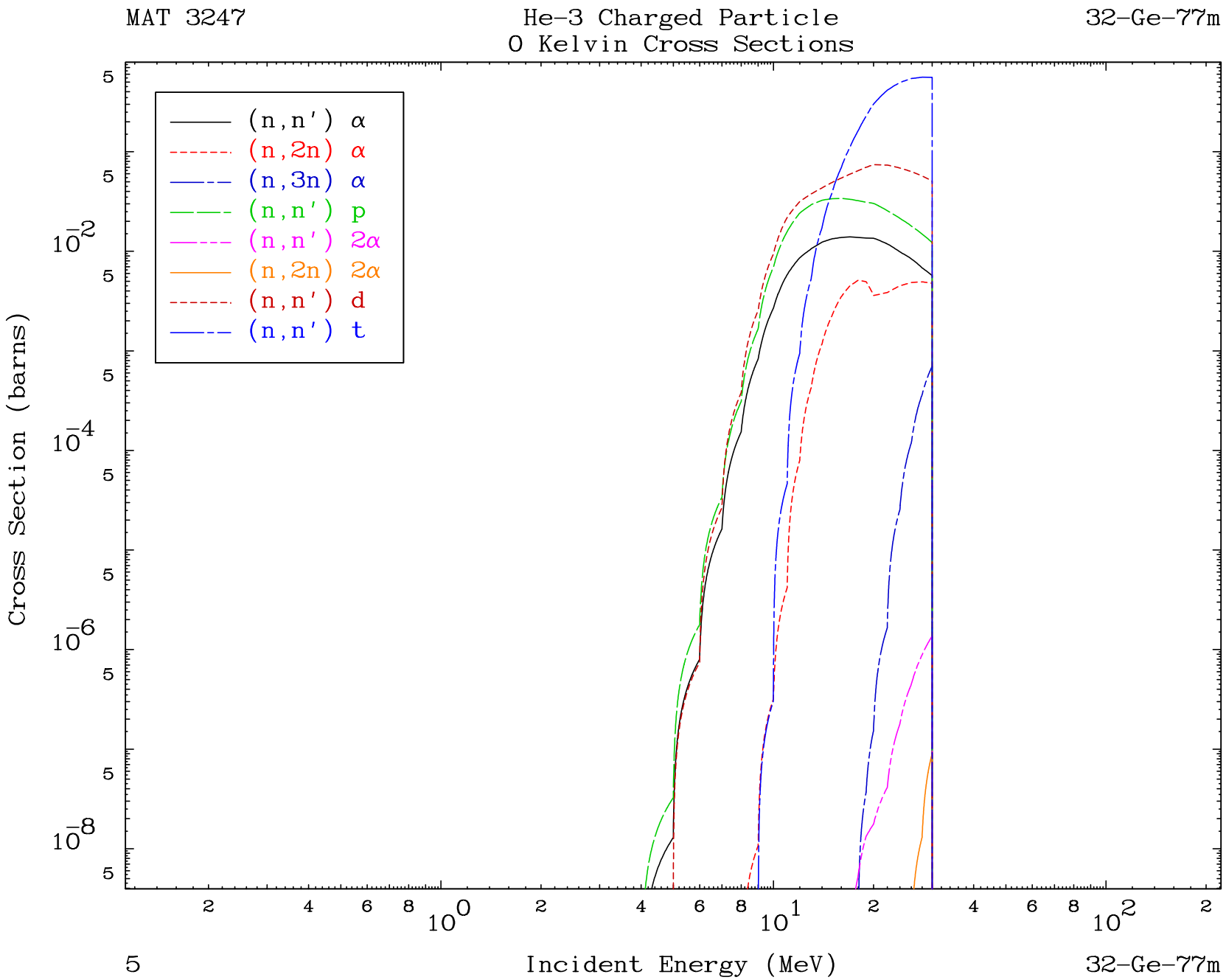
Press Mouse Button to Start

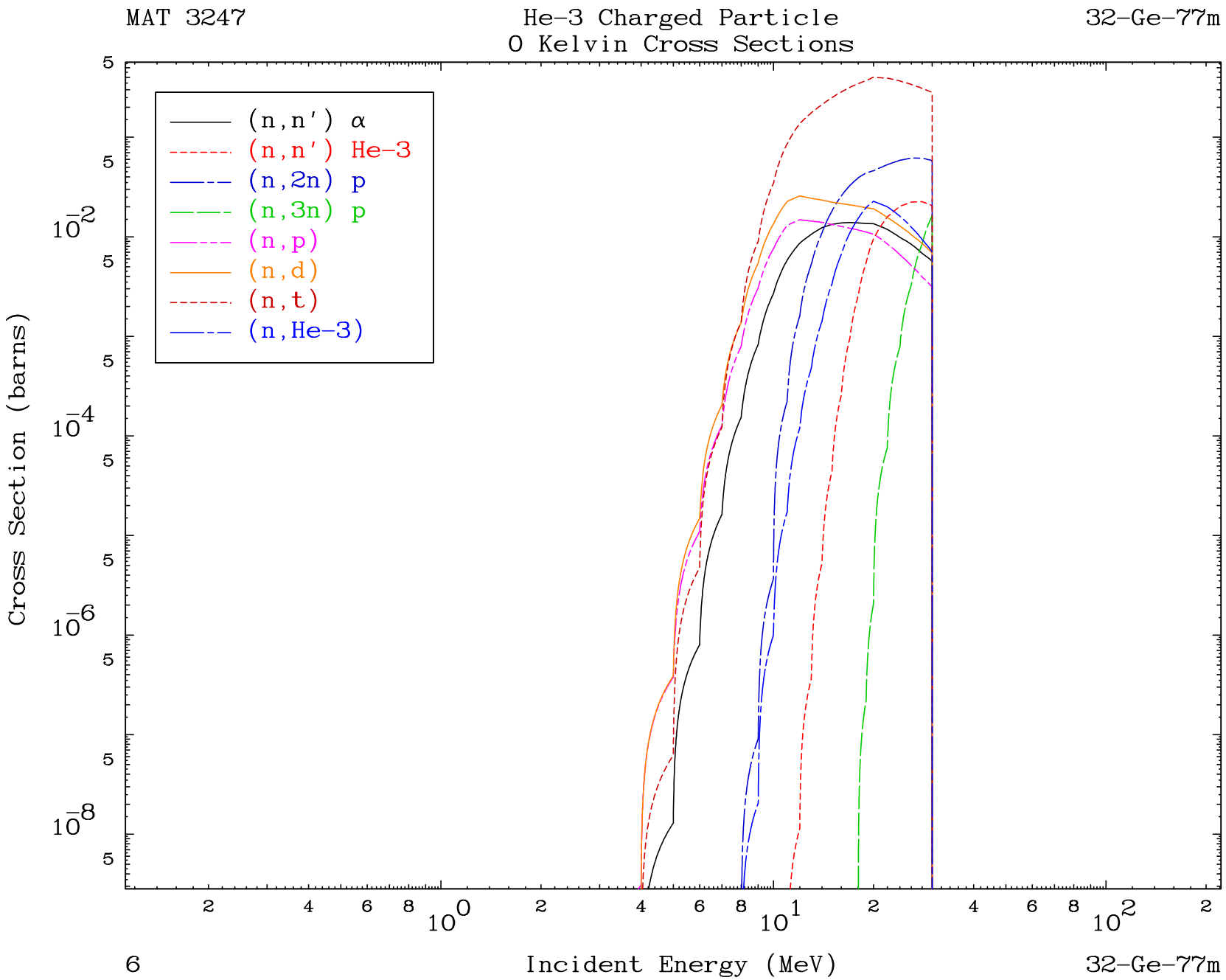

MAT 3247
He-3 Major
32-Ge-77m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
32-Ge-77m
1

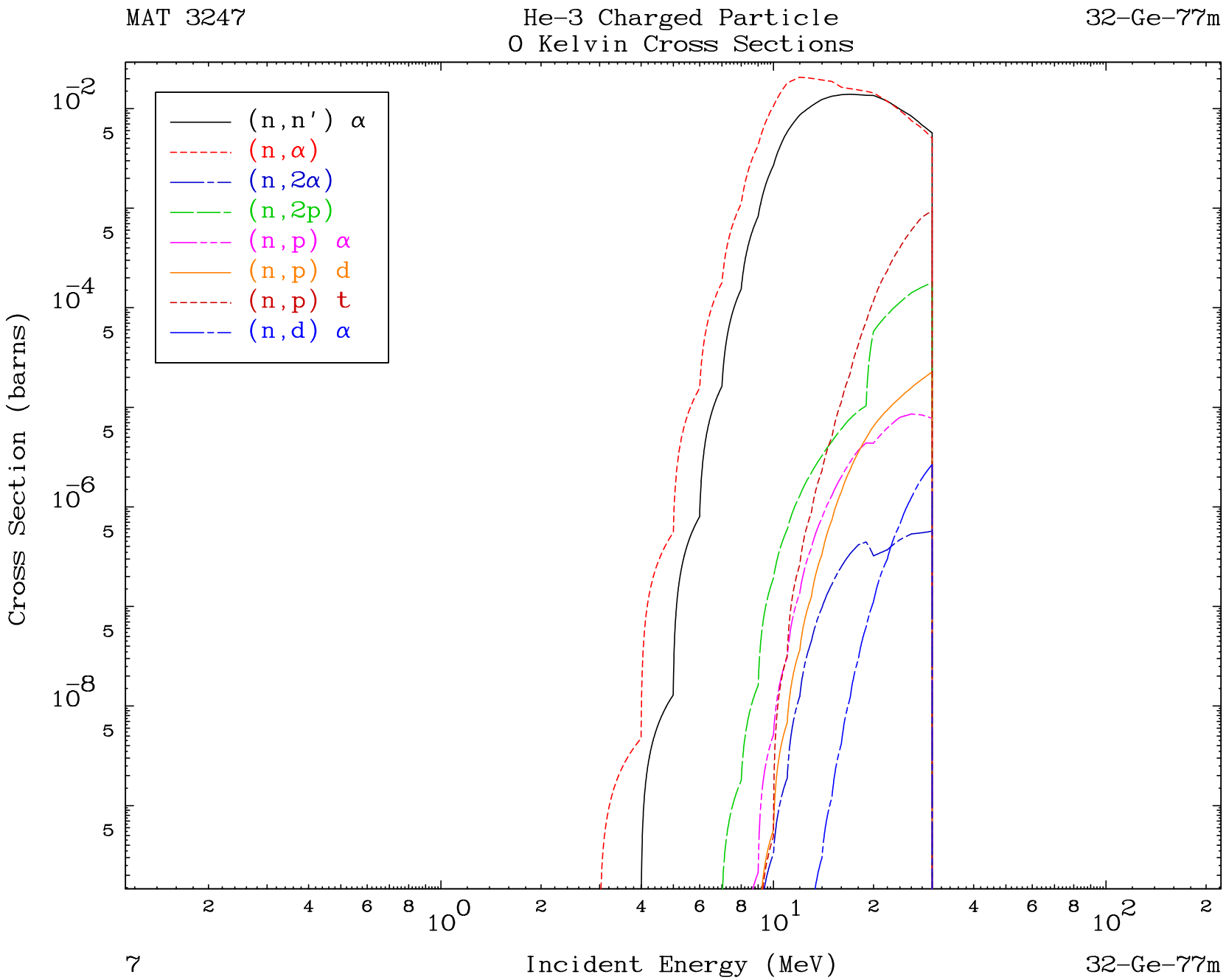

MAT 3247
He-3 Neutron Absorption
0 Kelvin Cross Sections
32-Ge-77m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
32-Ge-77m
2

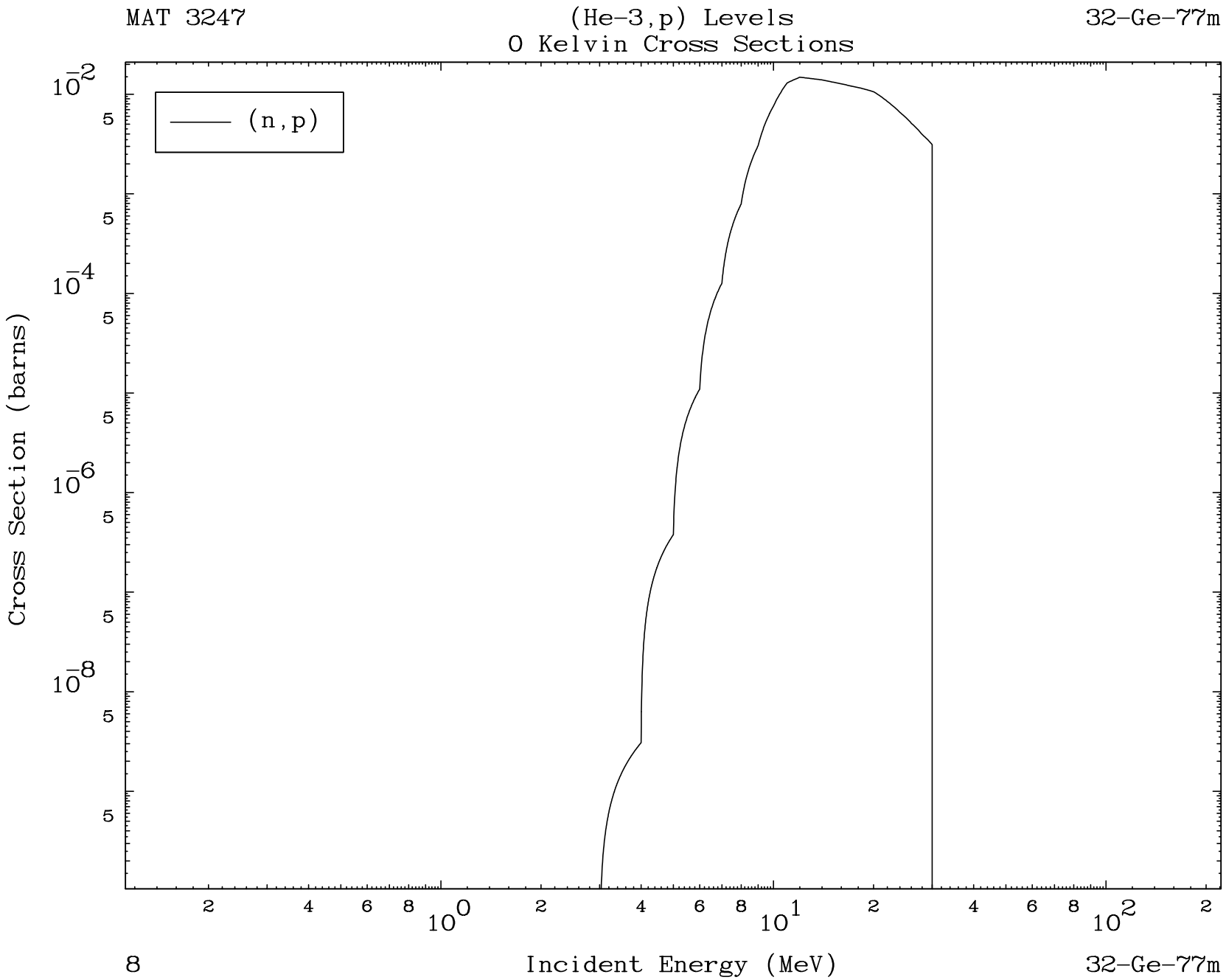

MAT 3247
He-3 Neutron Absorption
0 Kelvin Cross Sections
32-Ge-77m
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
32-Ge-77m

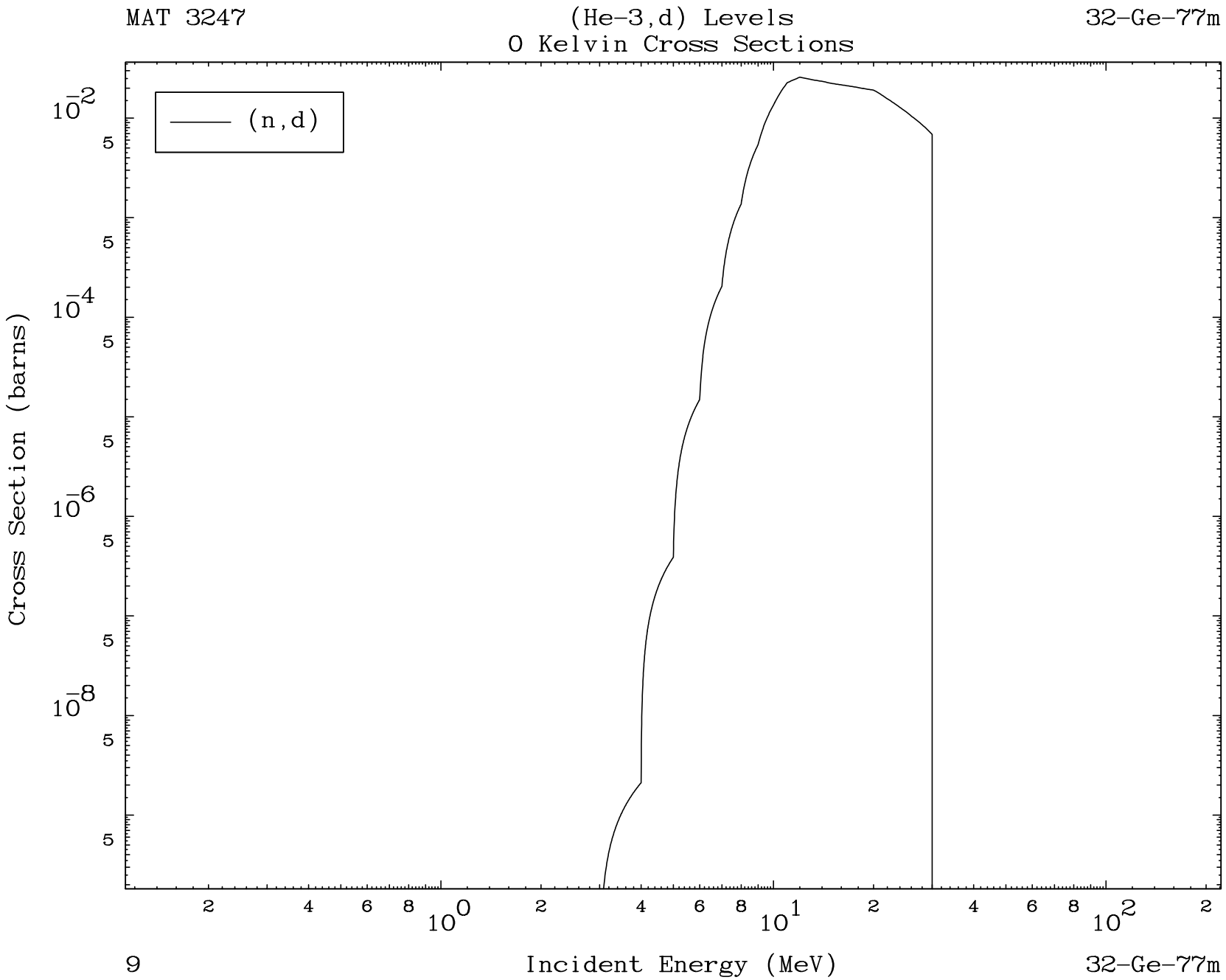

MAT 3247
He-3 Neutron Absorption
0 Kelvin Cross Sections
32-Ge-77m
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
32-Ge-77m

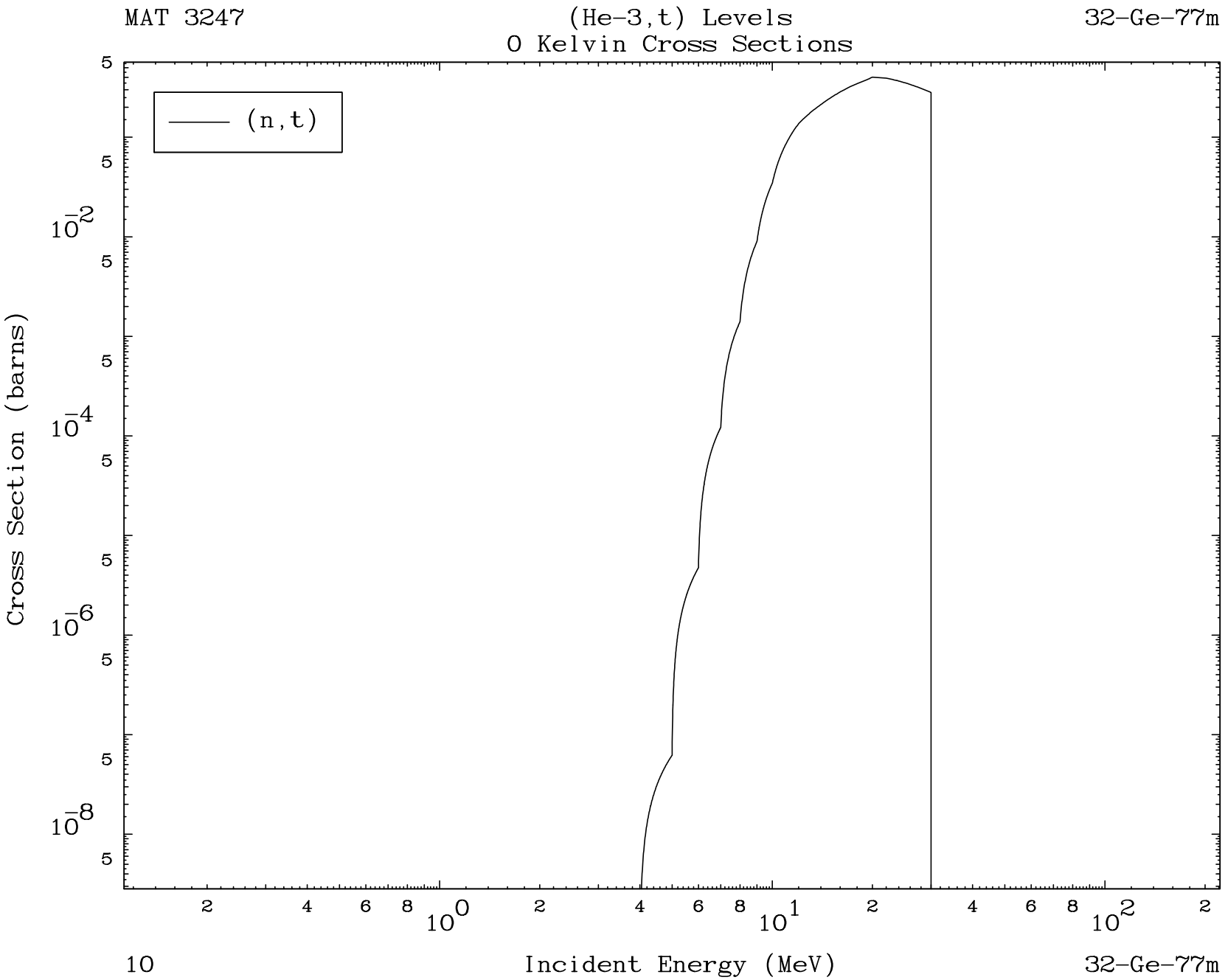

MAT 3247
He-3 Charged Particle
0 Kelvin Cross Sections
32-Ge-77m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
32-Ge-77m

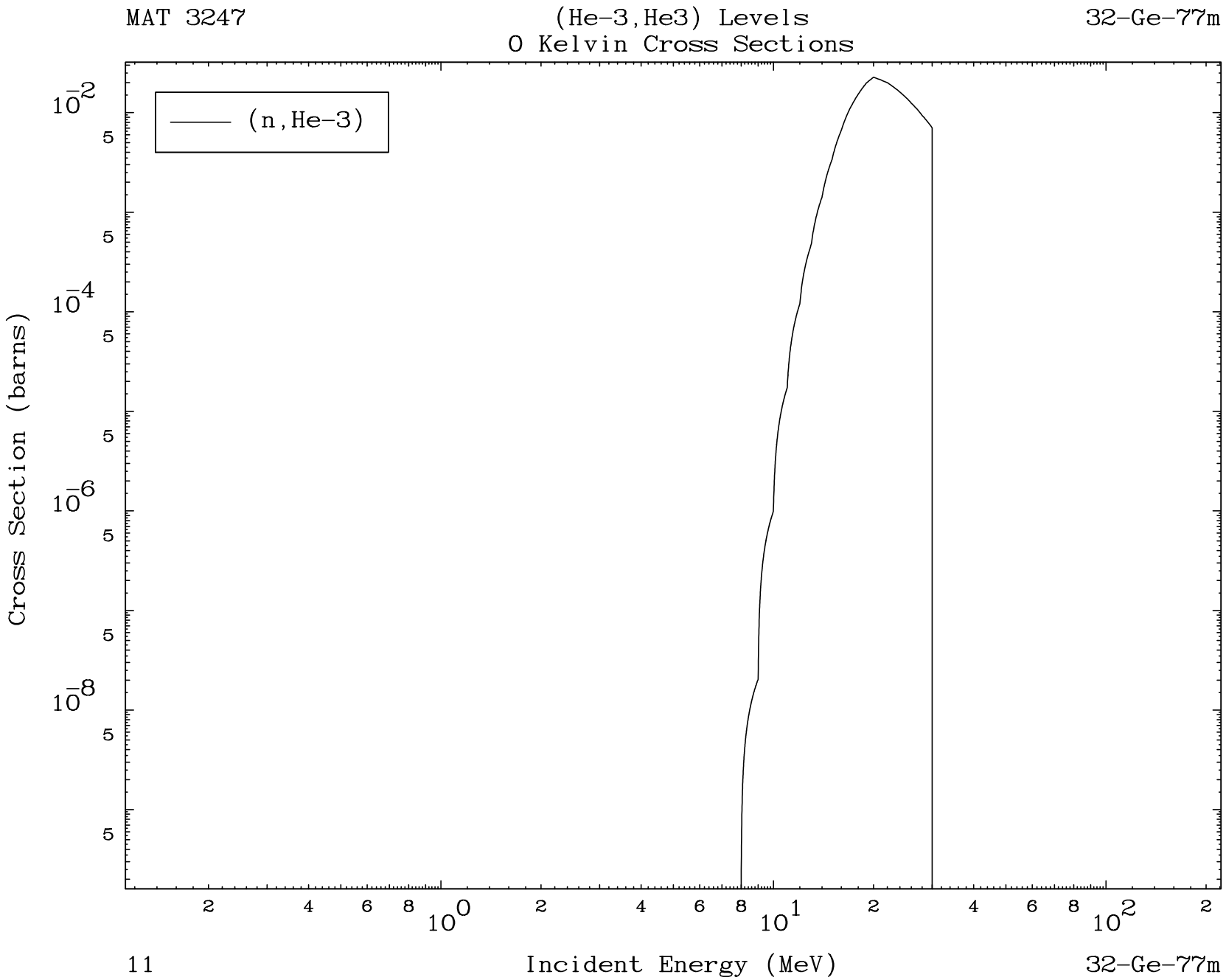

MAT 3247
He-3 Charged Particle
0 Kelvin Cross Sections
32-Ge-77m
(n,n') α
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
6
32-Ge-77m

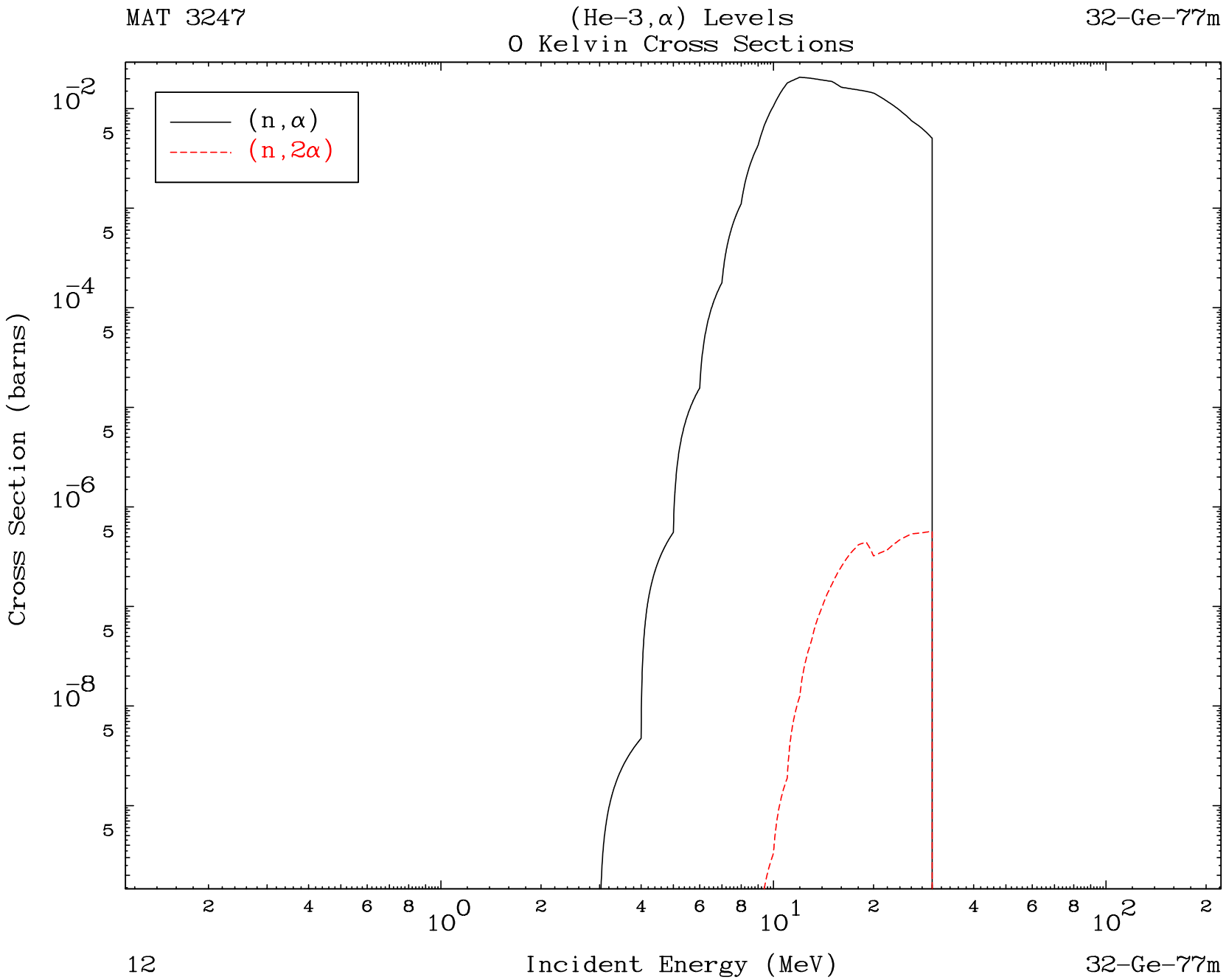

MAT 3247
He-3 Charged Particle
0 Kelvin Cross Sections
32-Ge-77m
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
32-Ge-77m

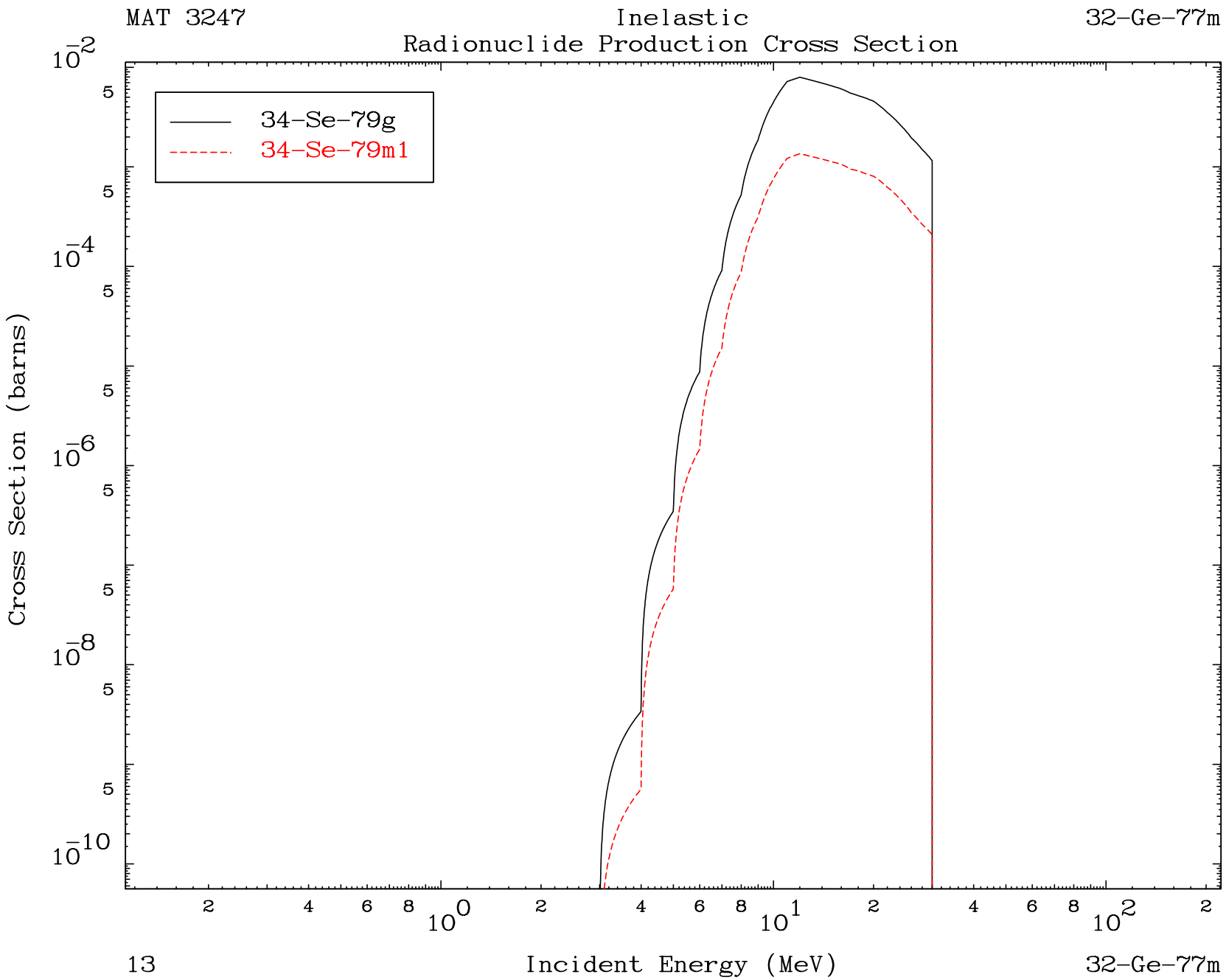

MAT 3247
(He-3,p) Levels
32-Ge-77m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
32-Ge-77m

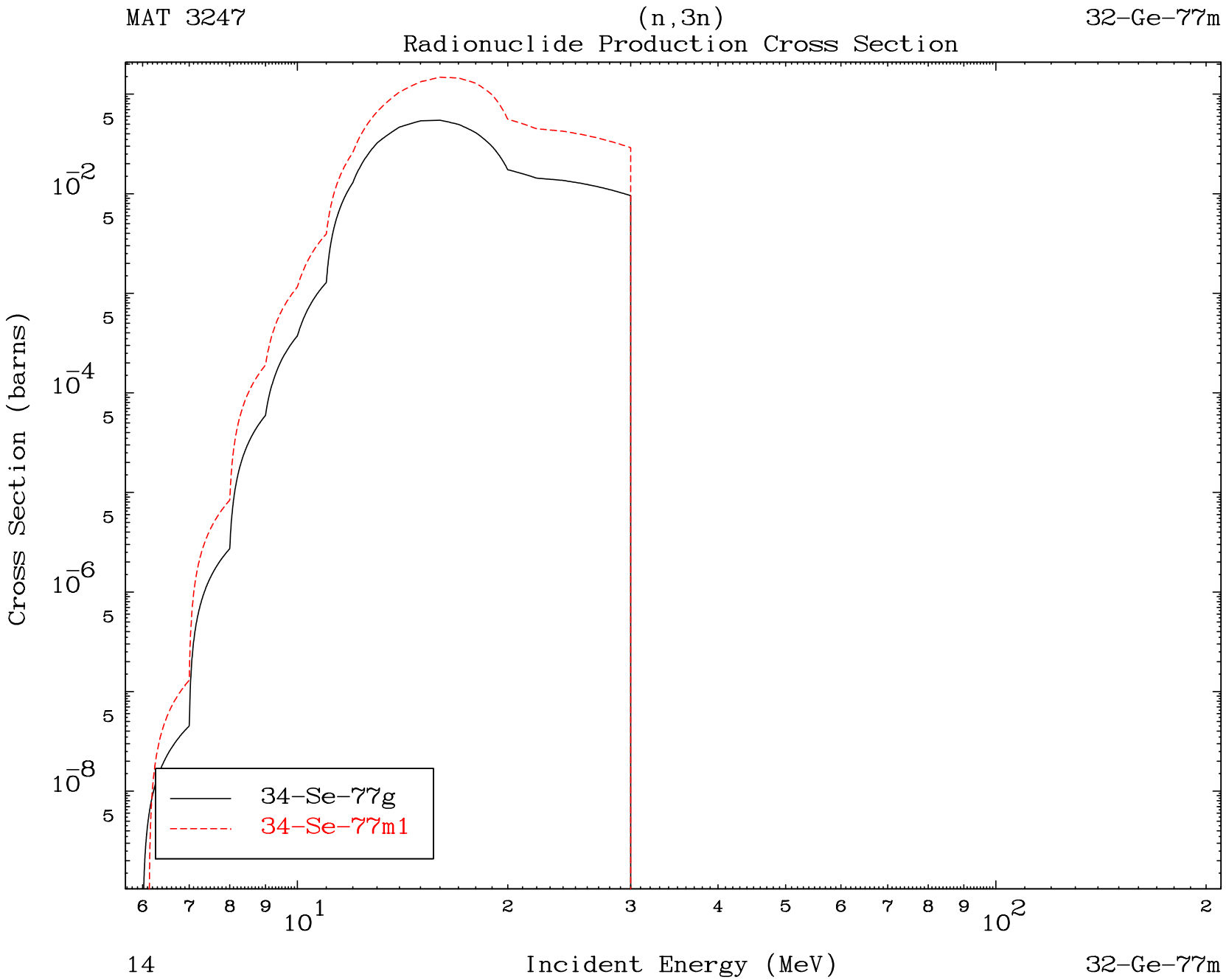

MAT 3247
(He-3,d) Levels
32-Ge-77m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
9
32-Ge-77m

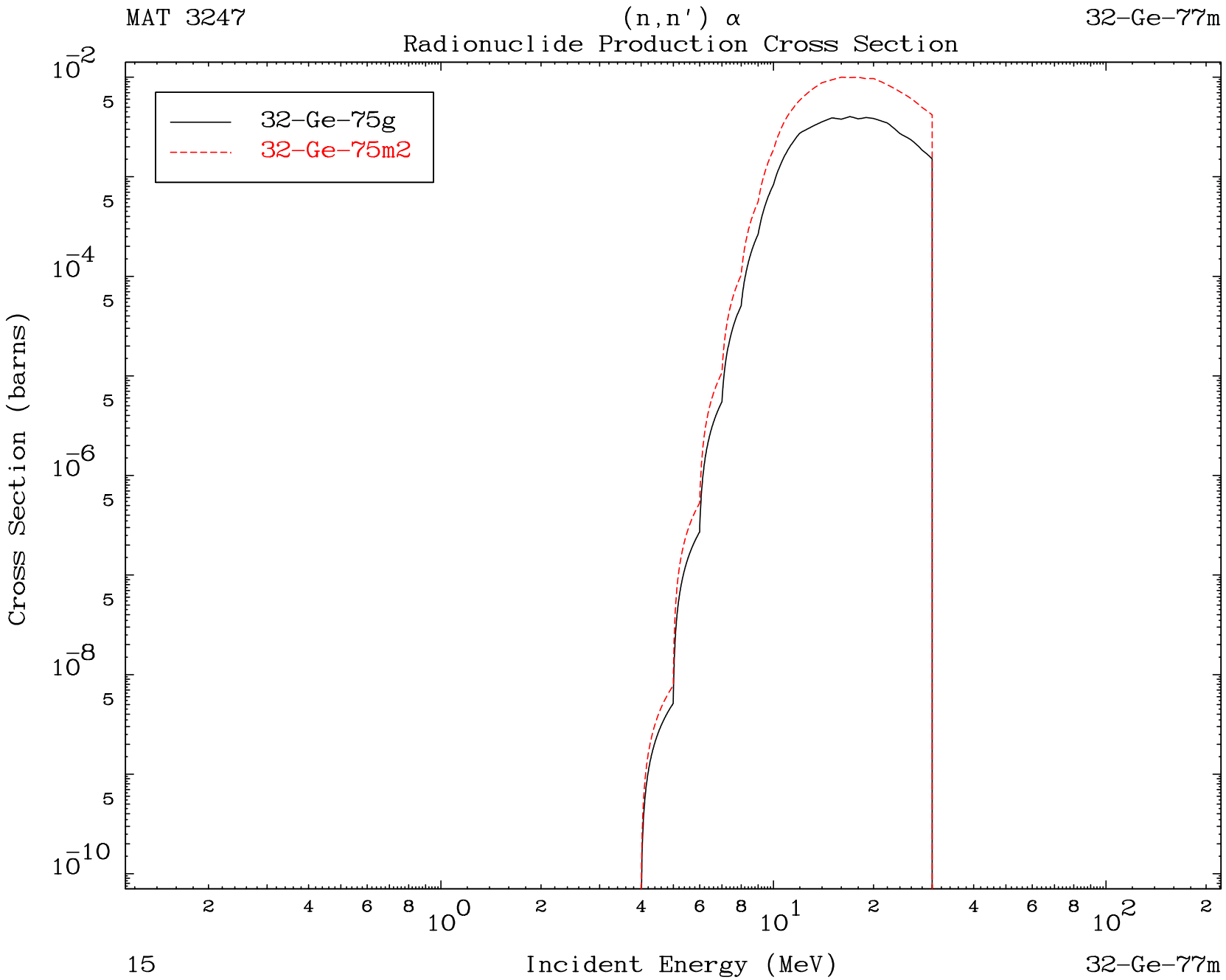

MAT 3247
(He-3,t) Levels
0 Kelvin Cross Sections
32-Ge-77m
(n,t)
Cross Section (barns)
Incident Energy (MeV)
32-Ge-77m

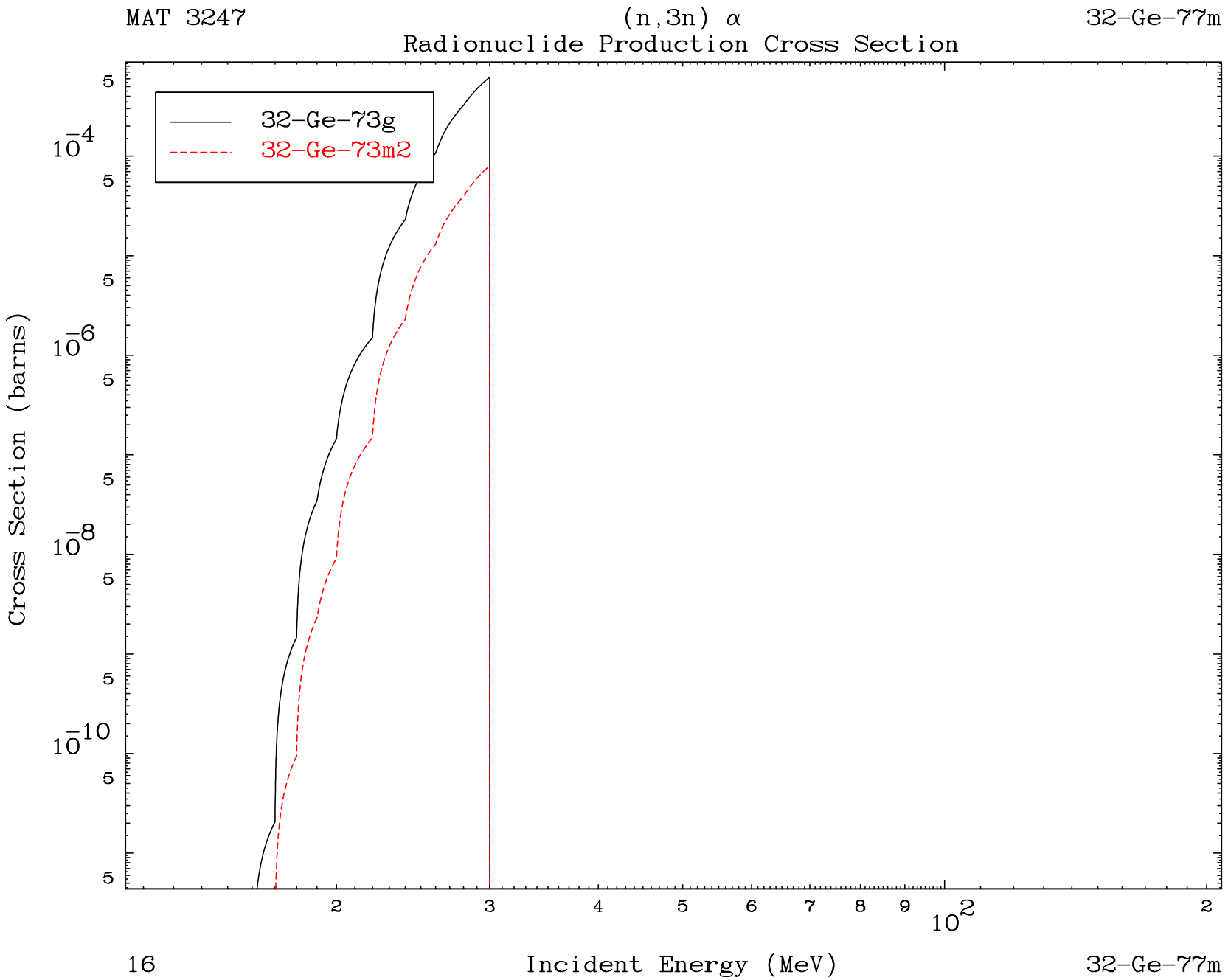

MAT 3247
(He-3,He3) Levels
32-Ge-77m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
32-Ge-77m

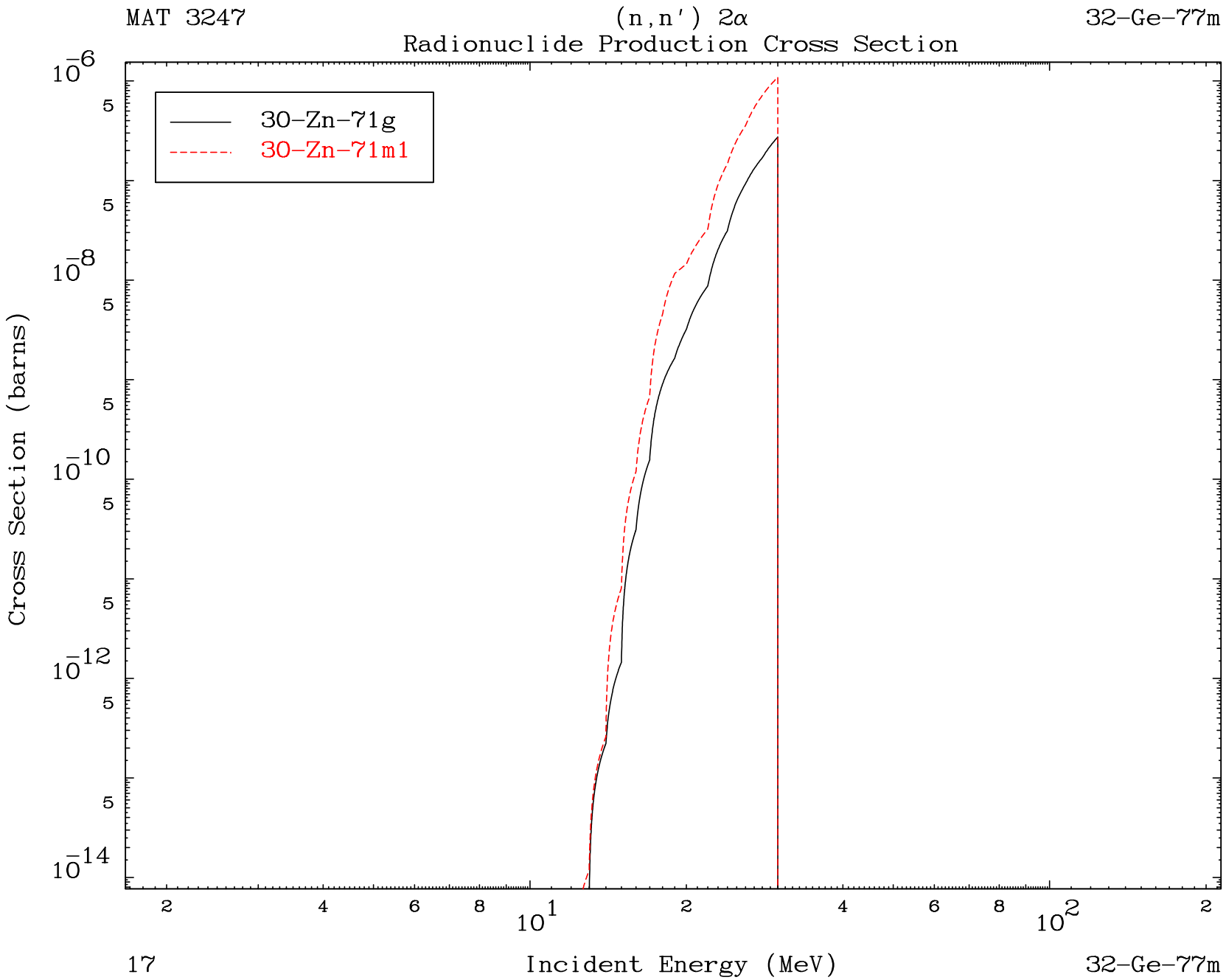

MAT 3247
(He-3,α) Levels
0 Kelvin Cross Sections
32-Ge-77m
(n,α)
(n,2α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
12
Incident Energy (MeV)
32-Ge-77m

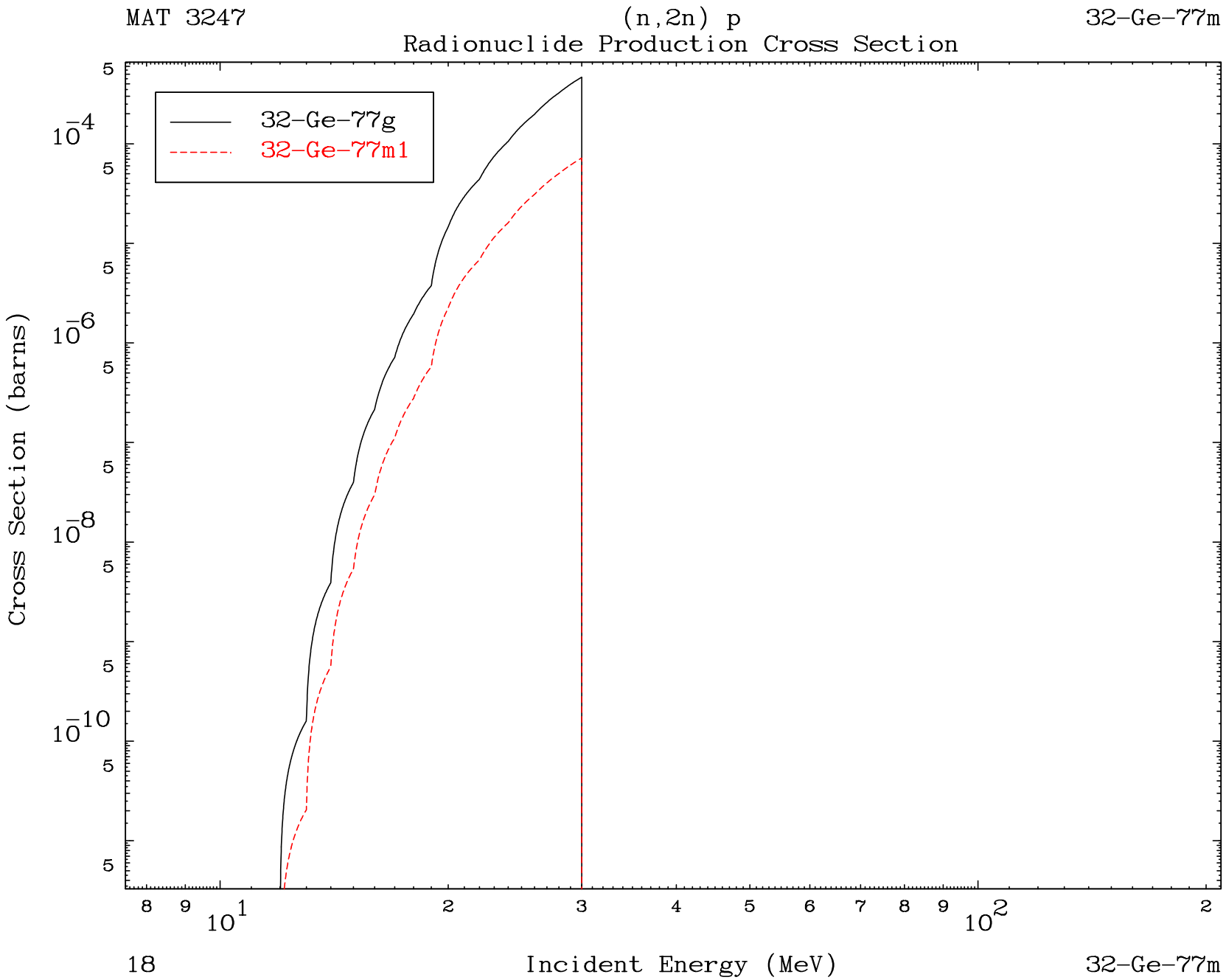

MAT 3247
Inelastic
32-Ge-77m
Radionuclide Production Cross Section
34-Se-79g
34-Se-79m1
Cross Section (barns)
Incident Energy (MeV)
13
32-Ge-77m

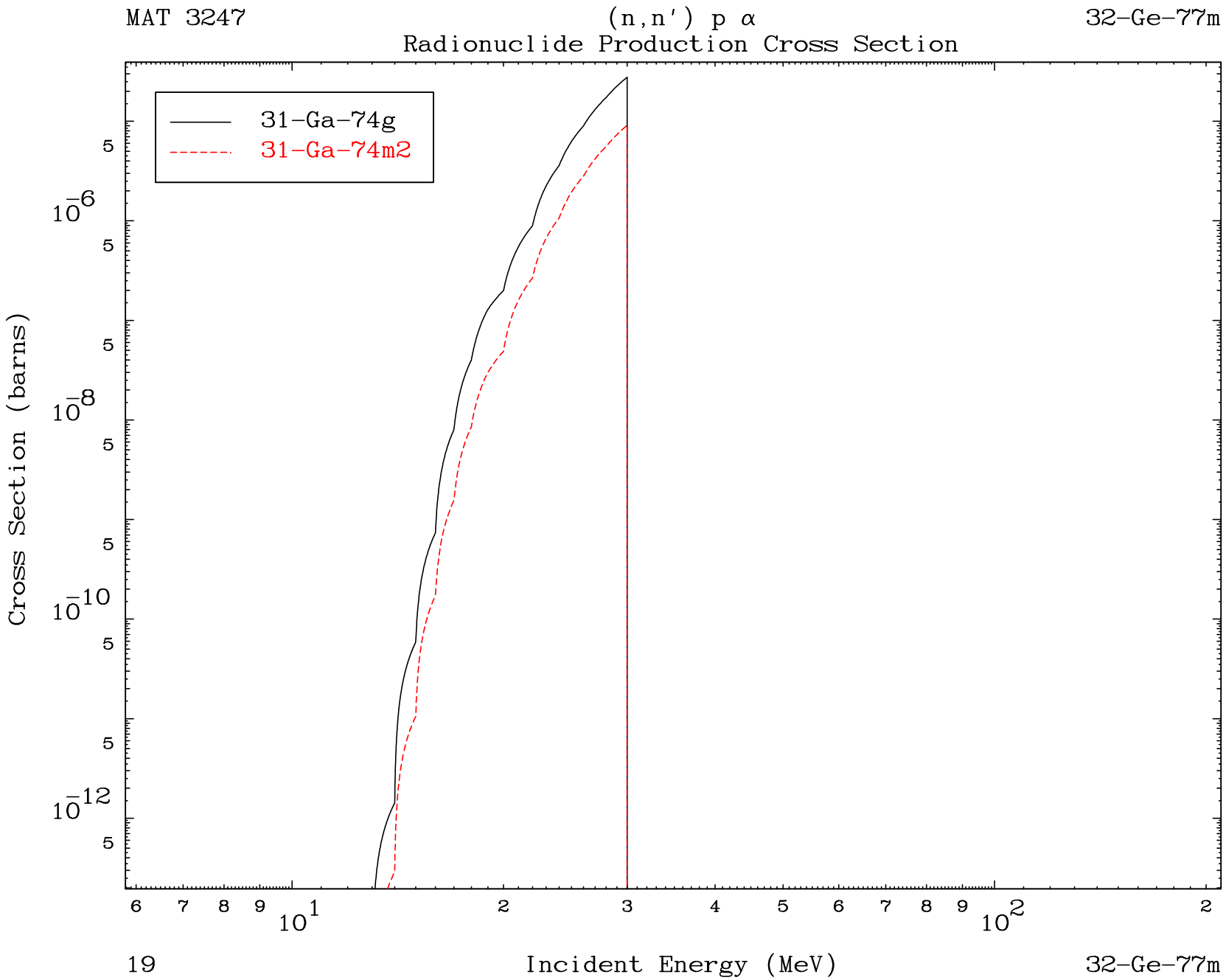

MAT 3247
(n,3n)
32-Ge-77m
Radionuclide Production Cross Section
Cross Section (barns)
10-2
10-4
10-6
10-8
34-Se-77g
34-Se-77m1
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
14
Incident Energy (MeV)
32-Ge-77m

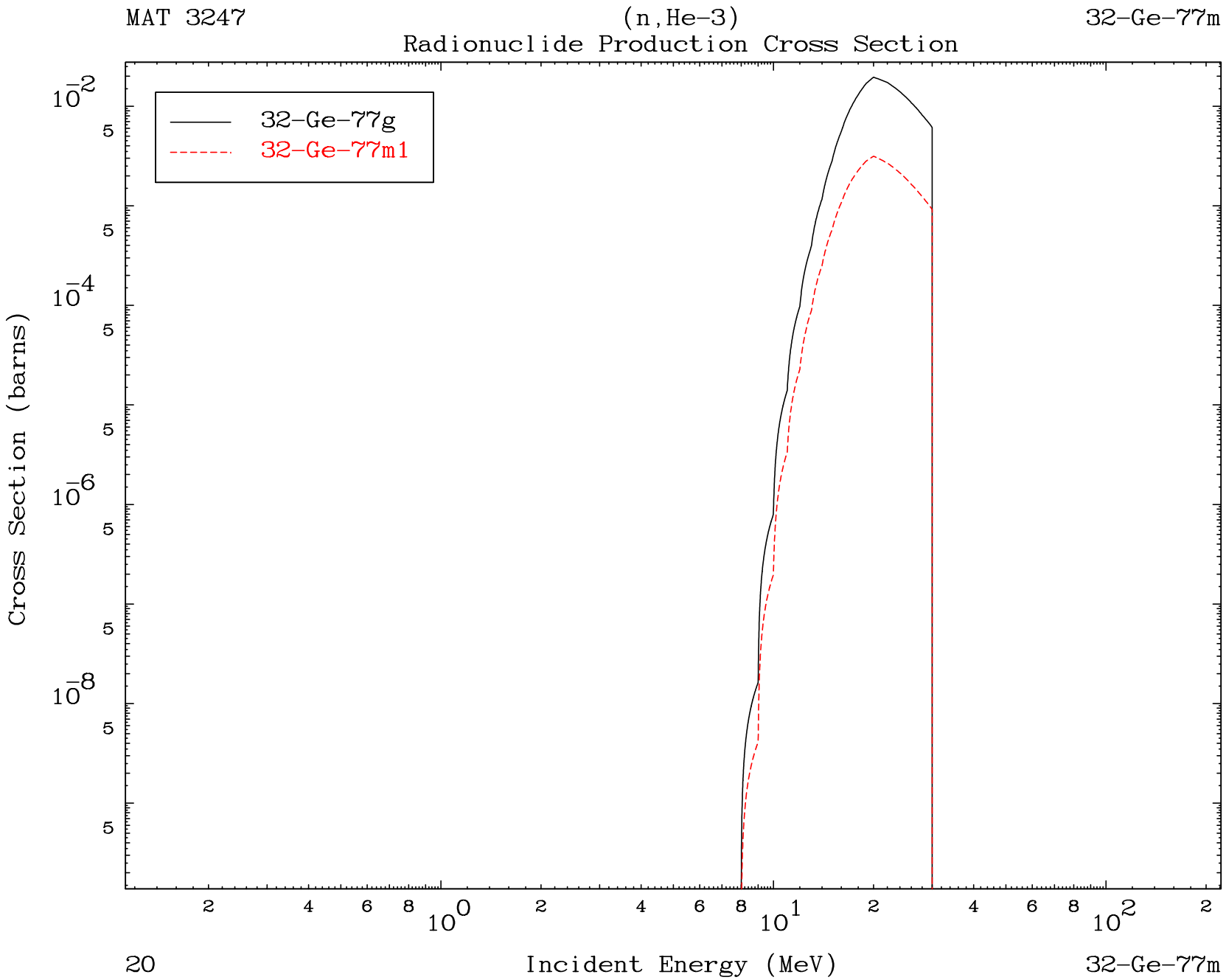

MAT 3247
(n,n') α
32-Ge-77m
Radionuclide Production Cross Section
32-Ge-75g
32-Ge-75m2
Cross Section (barns)
Incident Energy (MeV)
15
32-Ge-77m

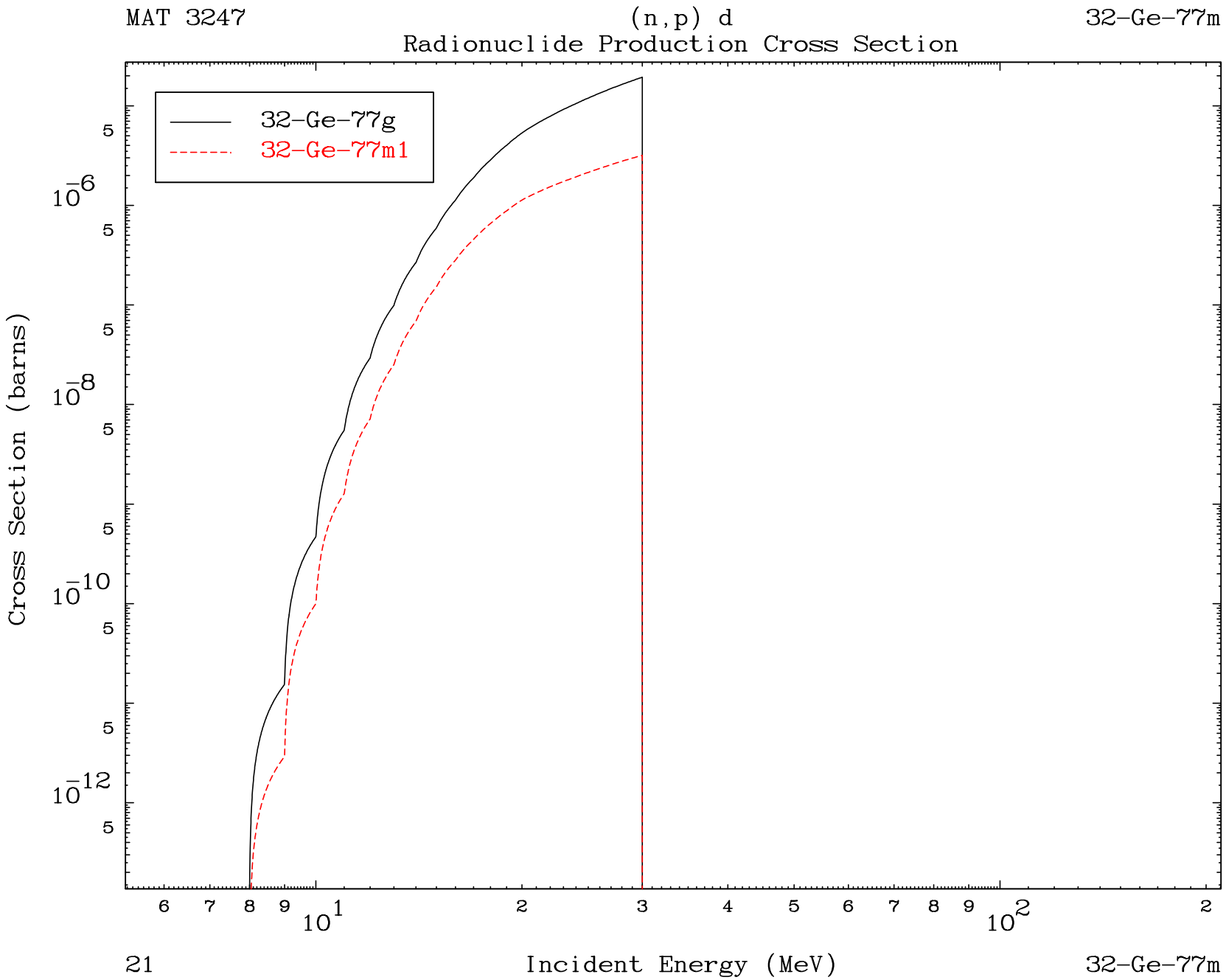

MAT 3247
(n,3n) α
32-Ge-77m
Radionuclide Production Cross Section
32-Ge-73g
32-Ge-73m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
16
Incident Energy (MeV)
32-Ge-77m

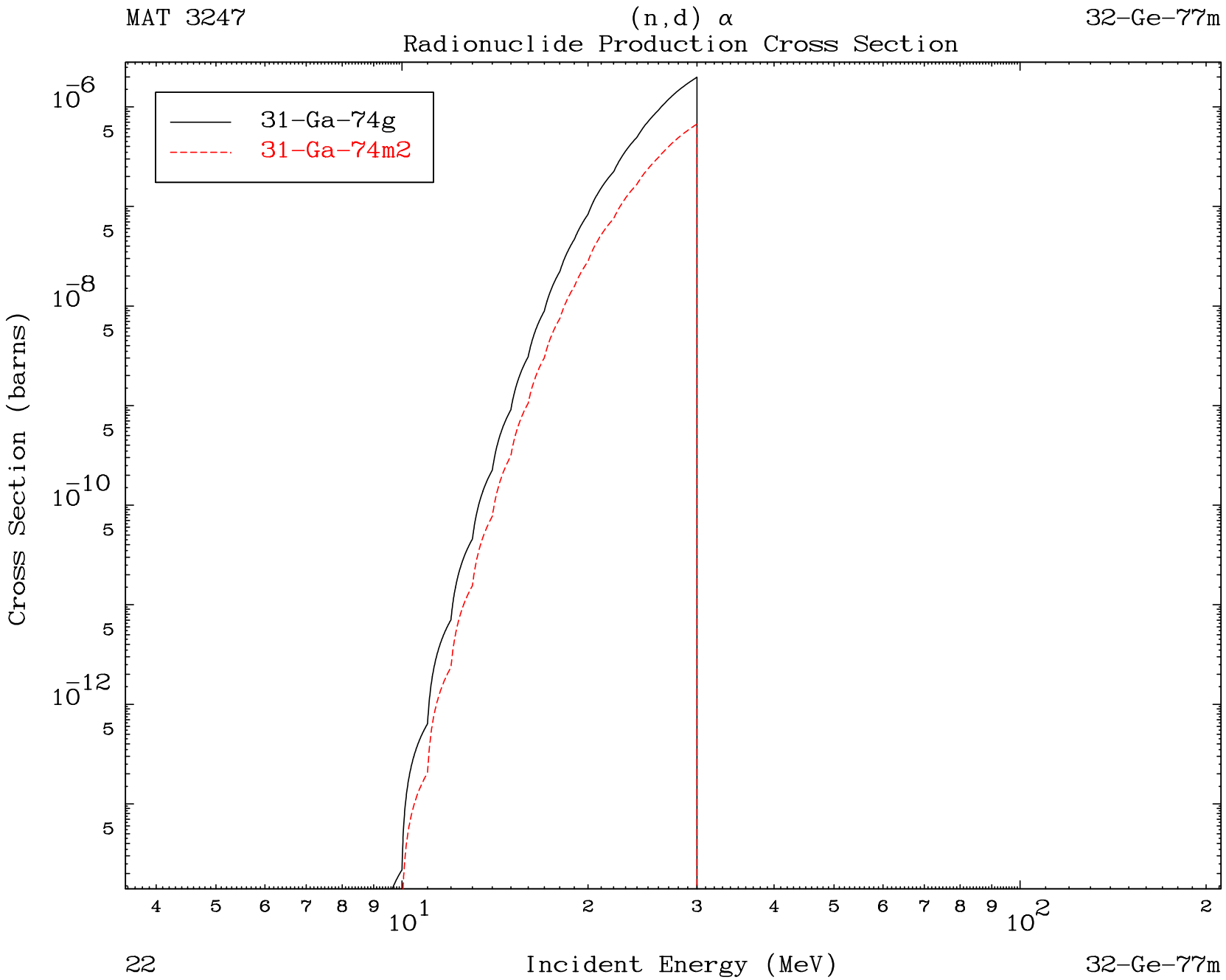

MAT 3247
(n,n') 2α
32-Ge-77m
Radionuclide Production Cross Section
30-Zn-71g
30-Zn-71m1
Cross Section (barns)
Incident Energy (MeV)
17
32-Ge-77m


MAT 3247
(n,2n) p
32-Ge-77m
Radionuclide Production Cross Section
32-Ge-77g
32-Ge-77m1
Cross Section (barns)
Incident Energy (MeV)
18
32-Ge-77m


MAT 3247
(n,n') p α
32-Ge-77m
Radionuclide Production Cross Section
31-Ga-74g
31-Ga-74m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
19
32-Ge-77m


MAT 3247
(n,He-3)
32-Ge-77m
Radionuclide Production Cross Section
32-Ge-77g
32-Ge-77m1
Cross Section (barns)
Incident Energy (MeV)
20
32-Ge-77m


MAT 3247
(n,p) d
32-Ge-77m
Radionuclide Production Cross Section
32-Ge-77g
32-Ge-77m1
Cross Section (barns)
Incident Energy (MeV)
21
32-Ge-77m


MAT 3247
(n,d) α
32-Ge-77m
Radionuclide Production Cross Section
31-Ga-74g
31-Ga-74m2
Cross Section (barns)
Incident Energy (MeV)
22
32-Ge-77m