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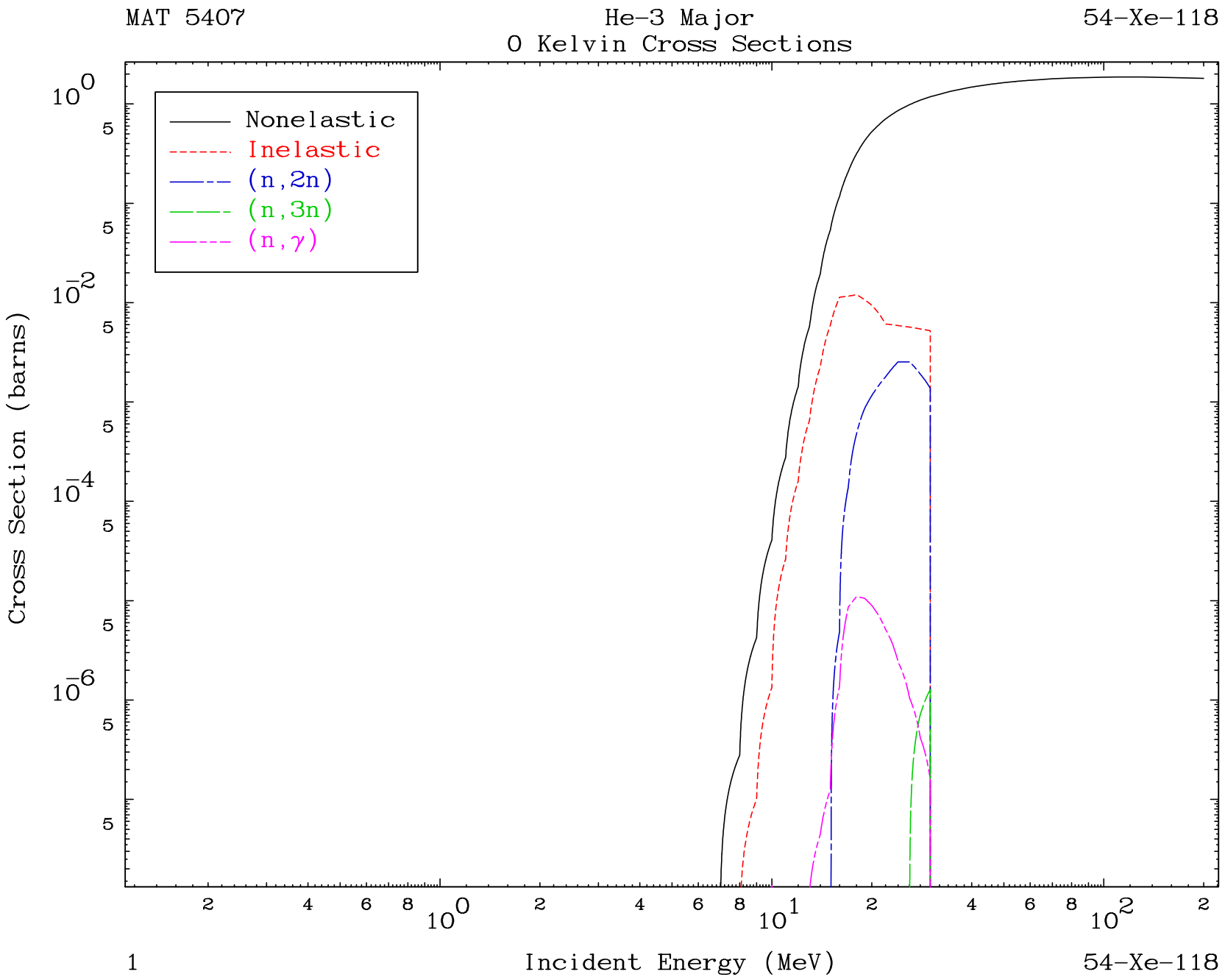
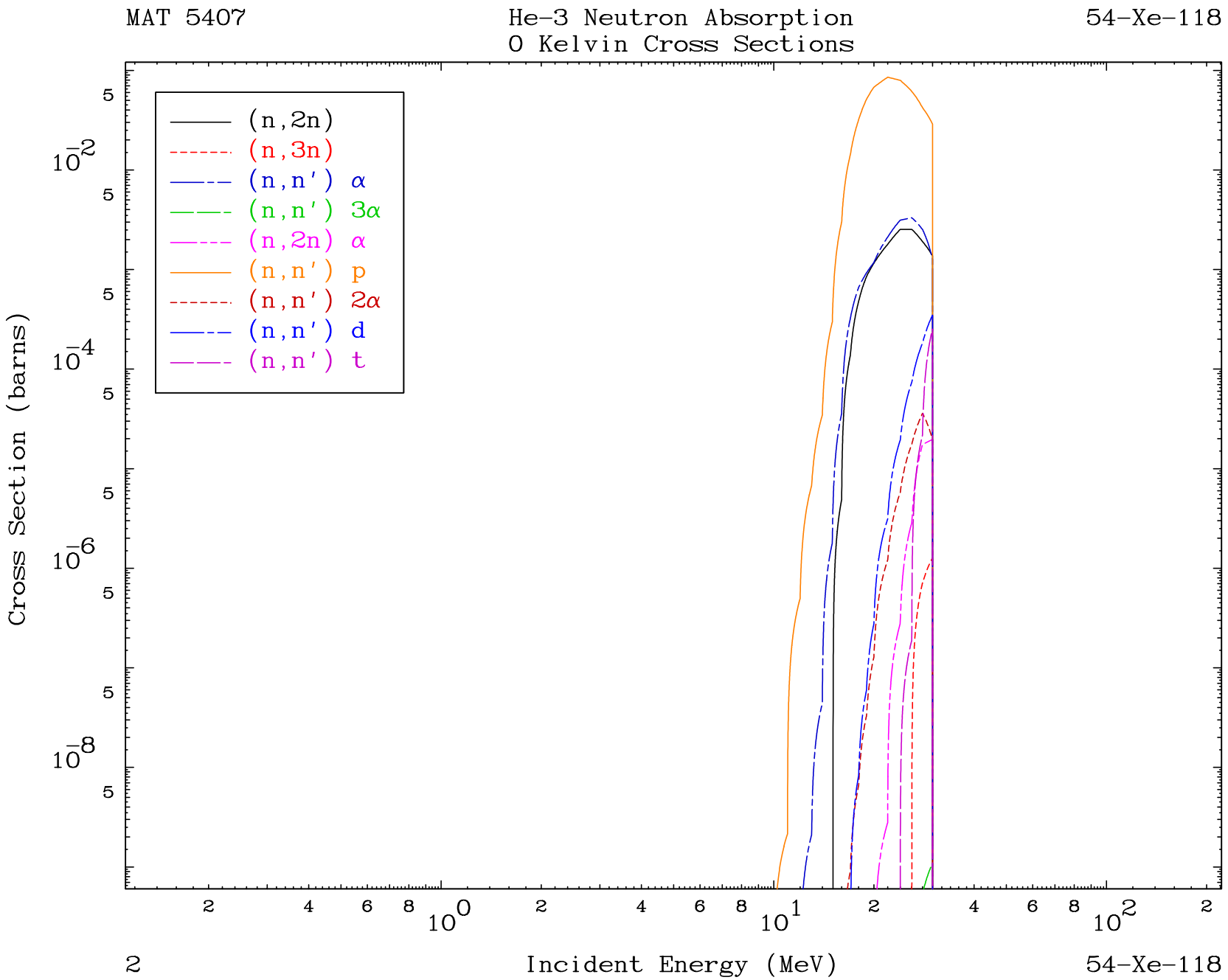
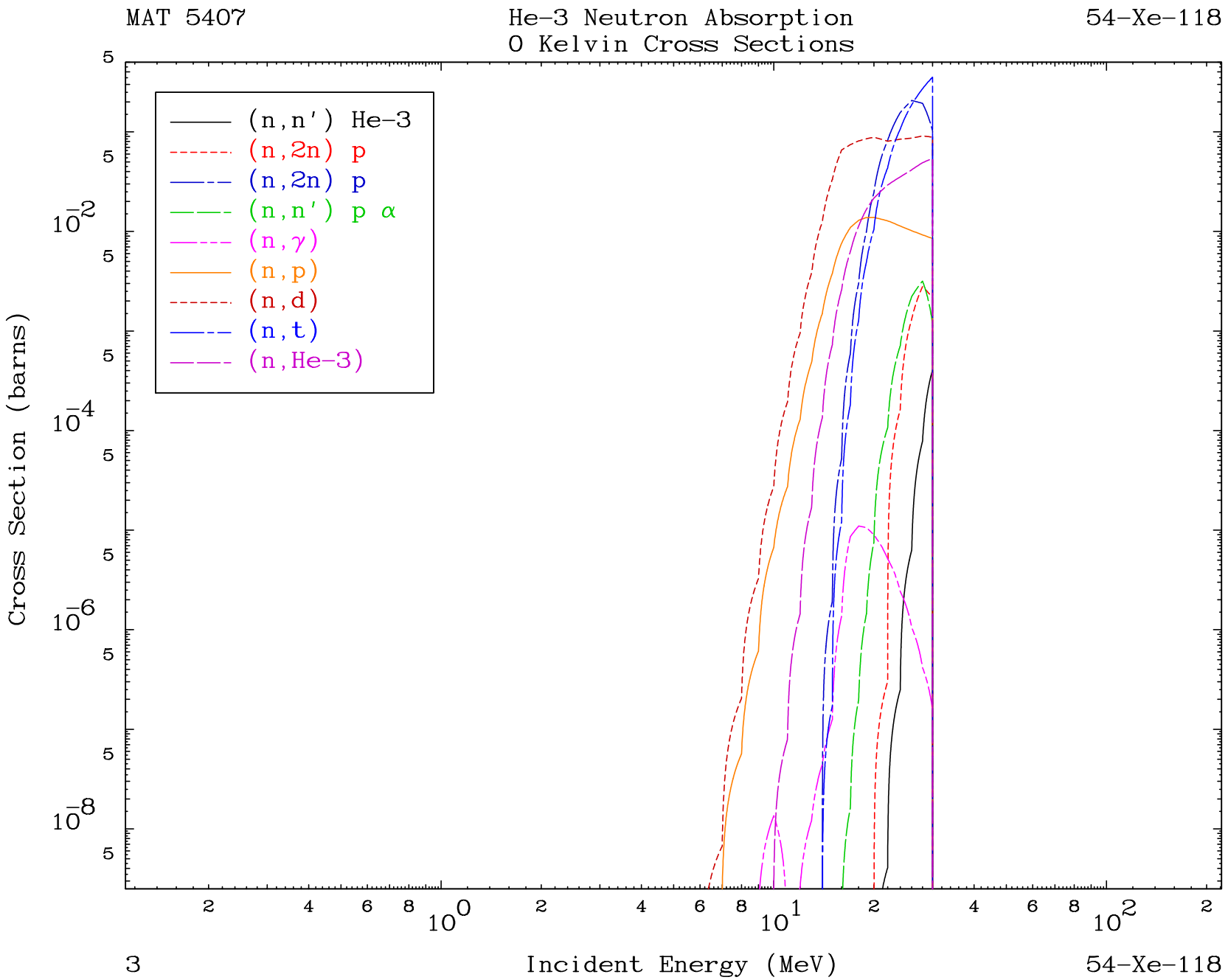
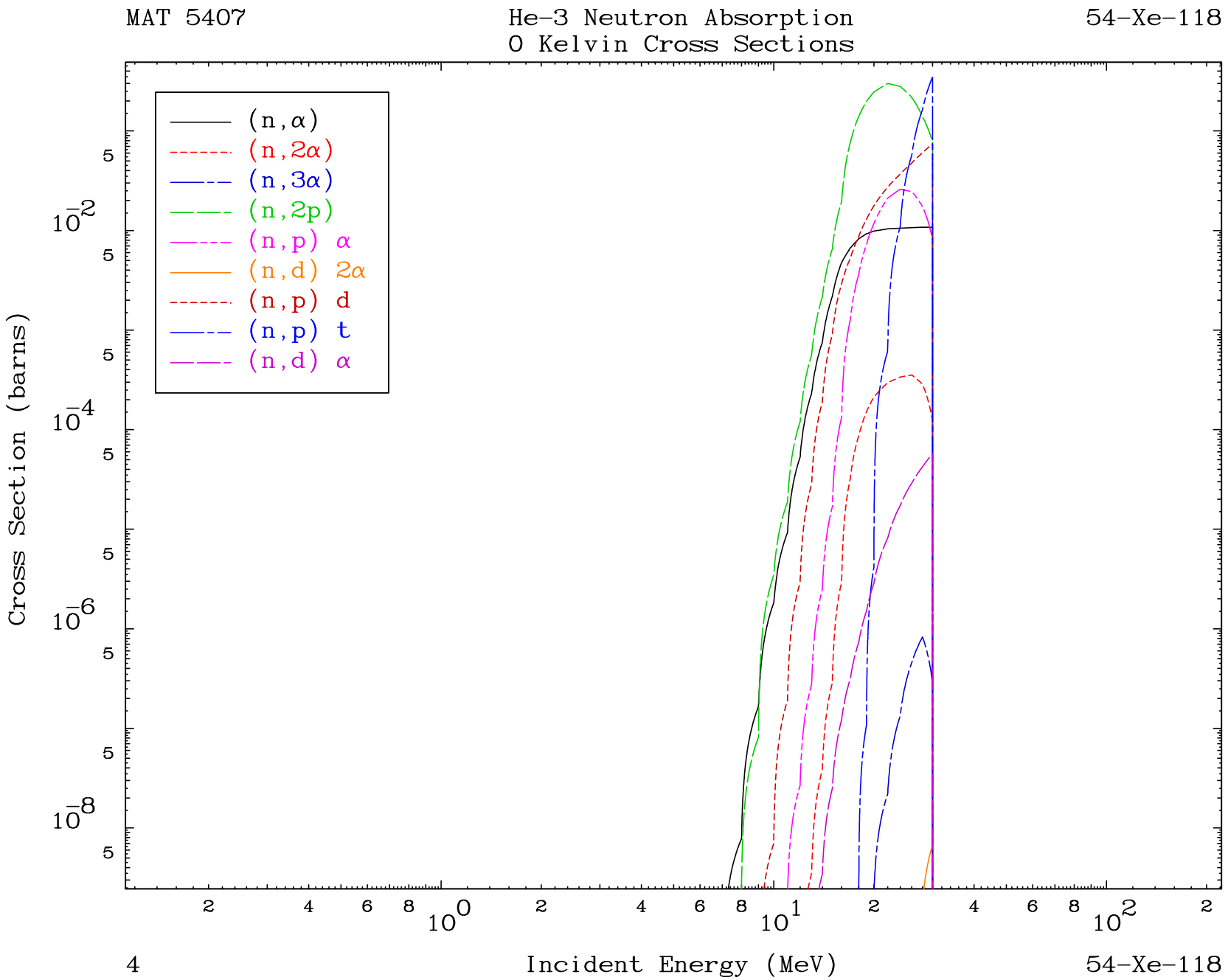
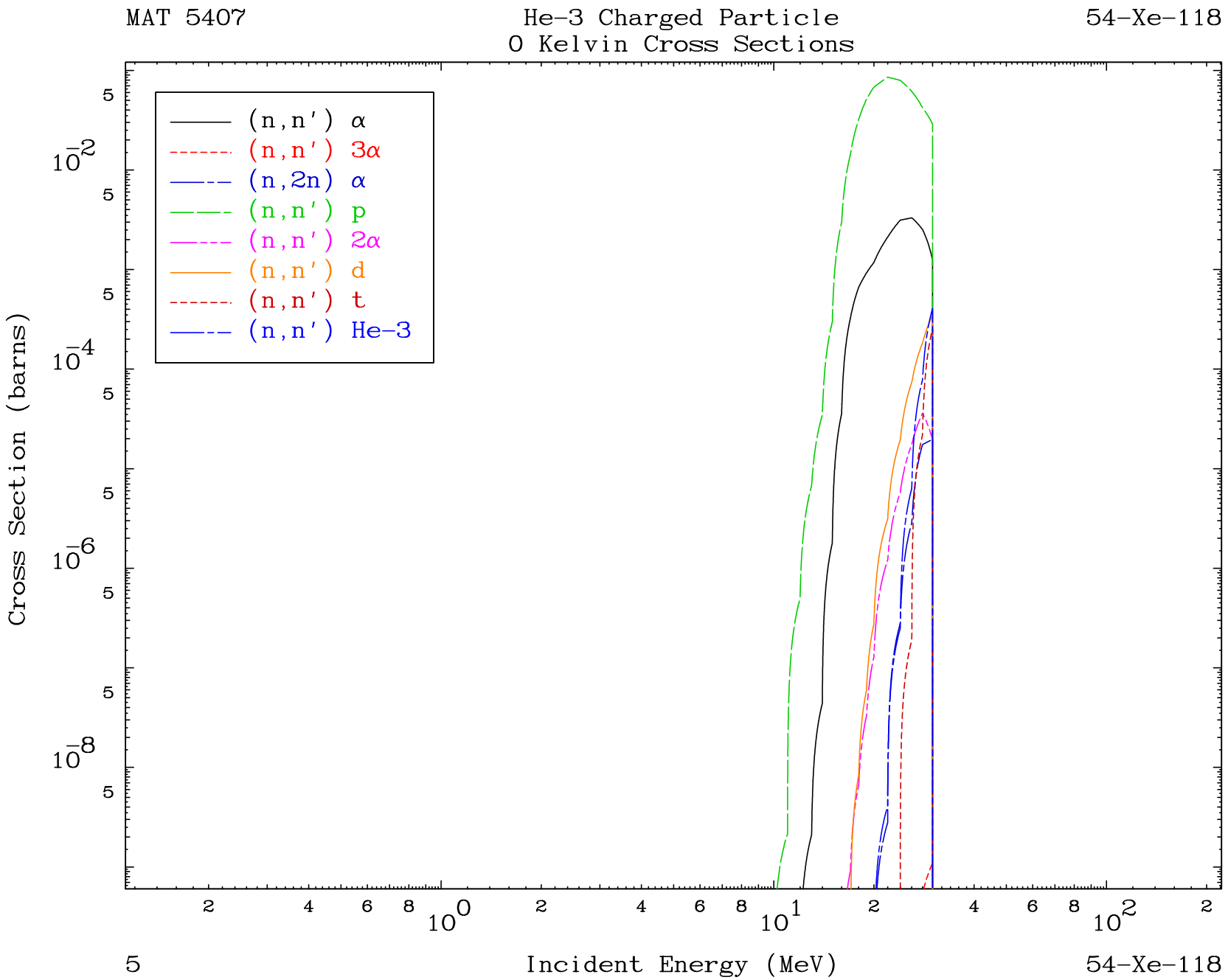
Press Mouse Button to Start

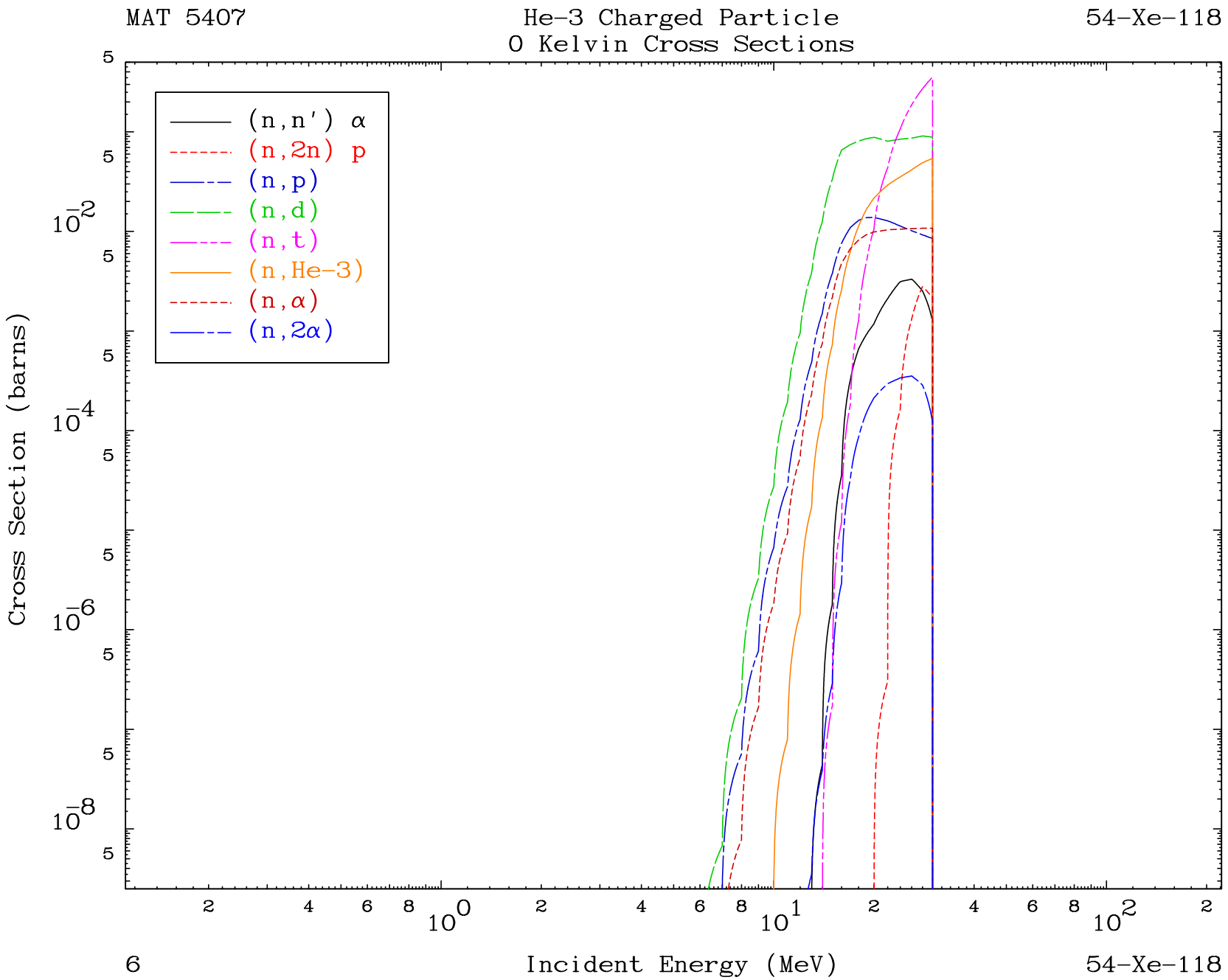

MAT 5407
He-3 Major
54-Xe-118
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
54-Xe-118
1

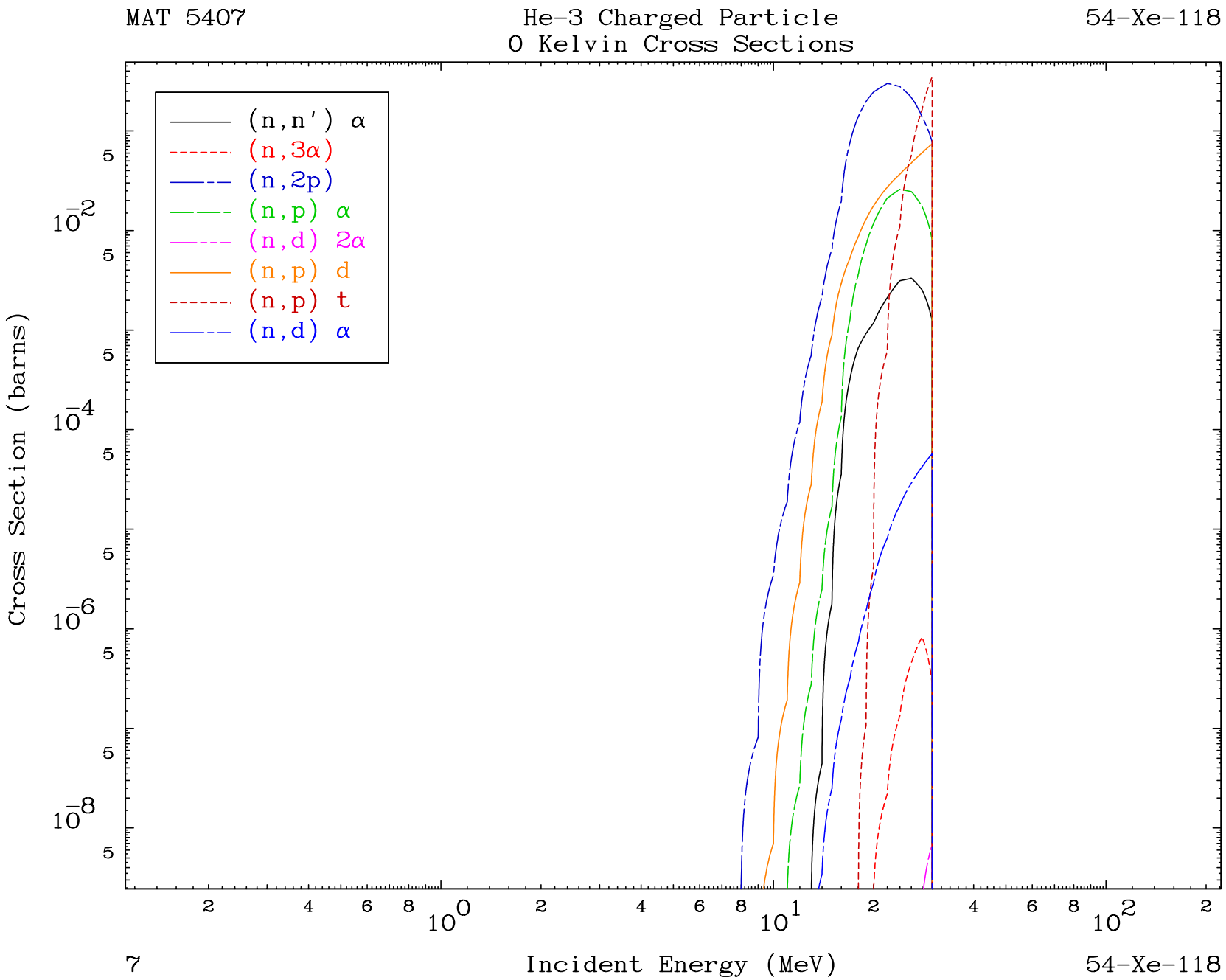

MAT 5407
He-3 Neutron Absorption
0 Kelvin Cross Sections
54-Xe-118
(n,2n)
(n,3n)
(n,n') α
(n,n') 3α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
54-Xe-118
2

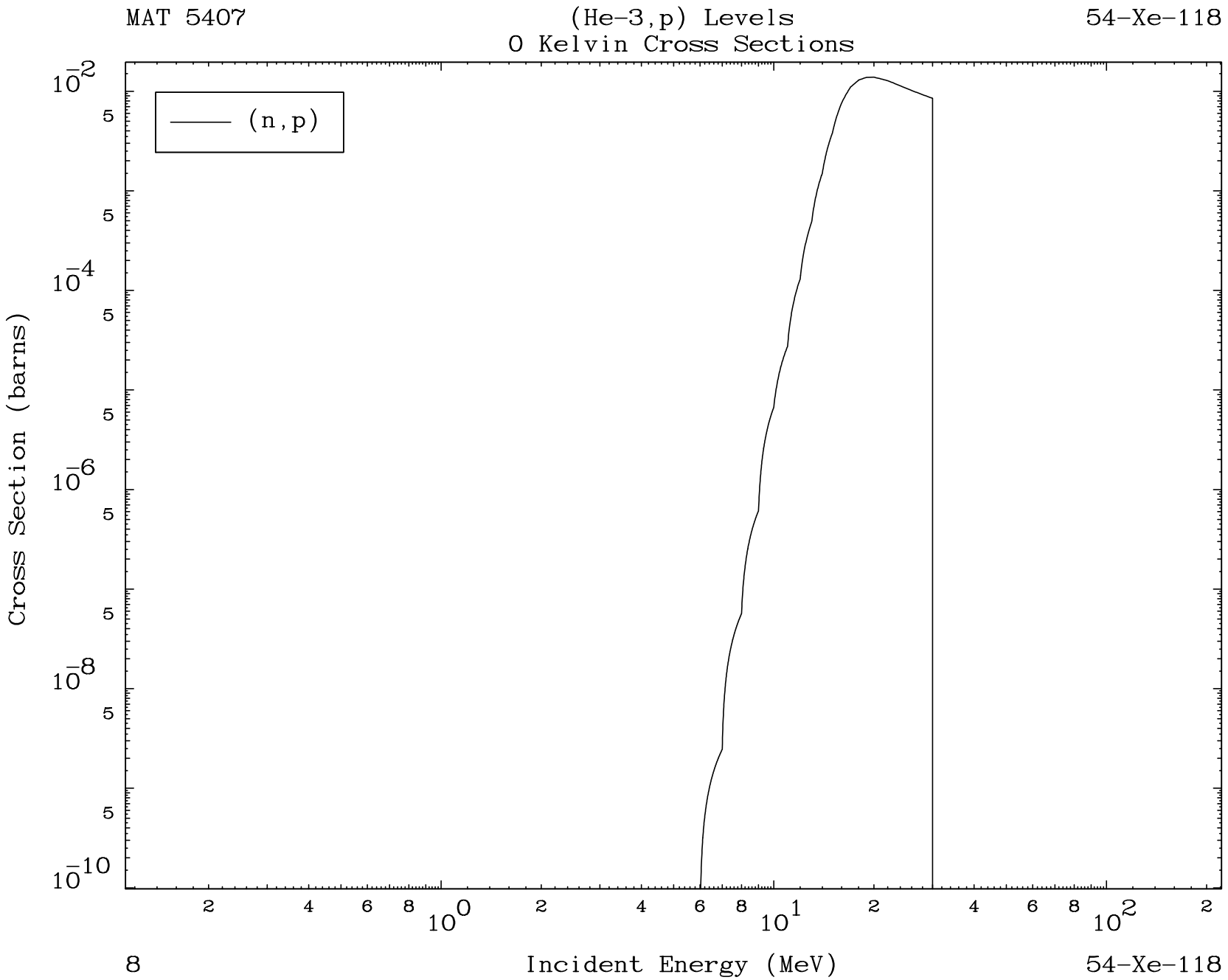

MAT 5407
He-3 Neutron Absorption
0 Kelvin Cross Sections
54-Xe-118
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
54-Xe-118

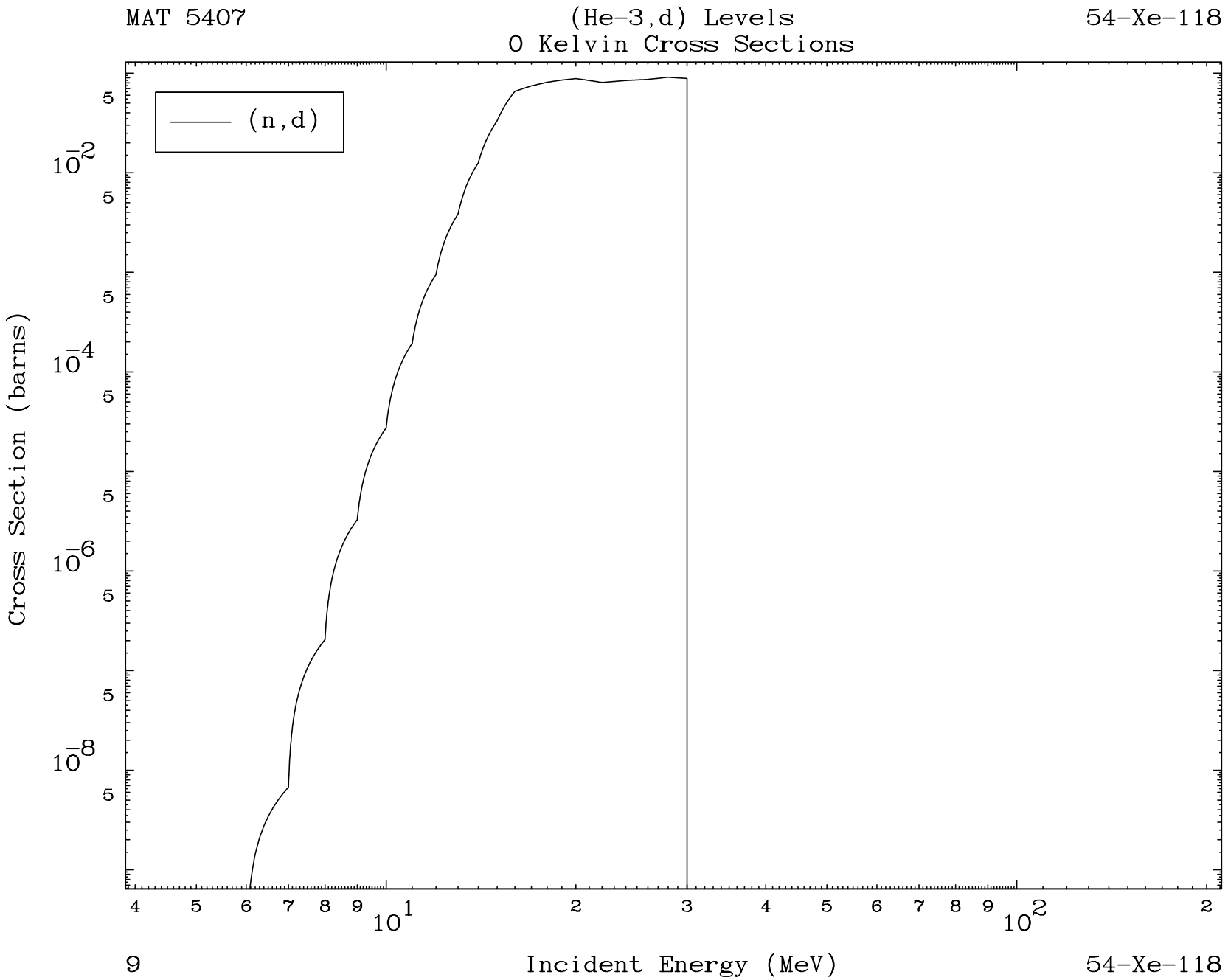

MAT 5407
He-3 Neutron Absorption
0 Kelvin Cross Sections
54-Xe-118
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
54-Xe-118

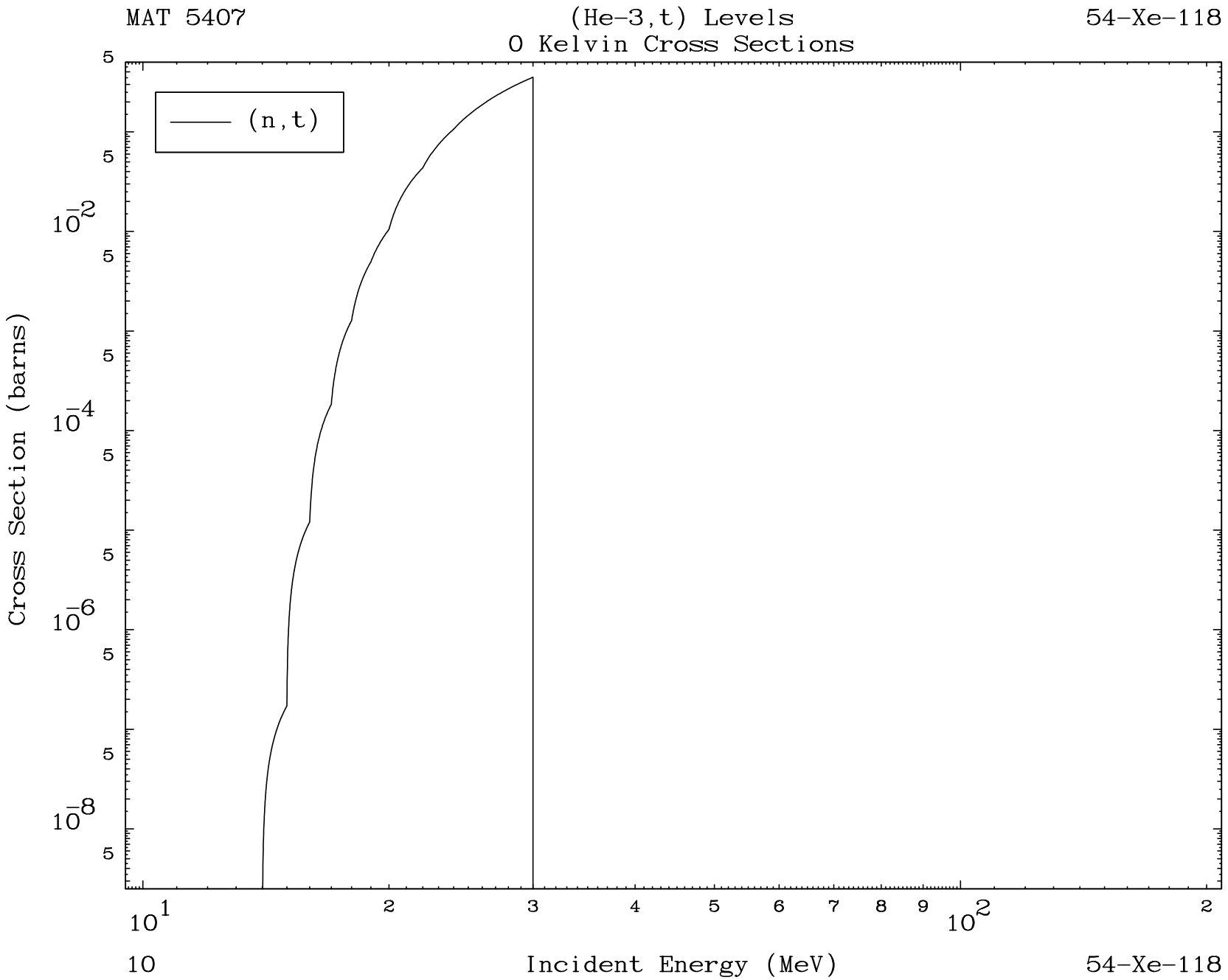

MAT 5407
He-3 Charged Particle
0 Kelvin Cross Sections
54-Xe-118
(n,n') α
(n,n') 3α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
5
54-Xe-118

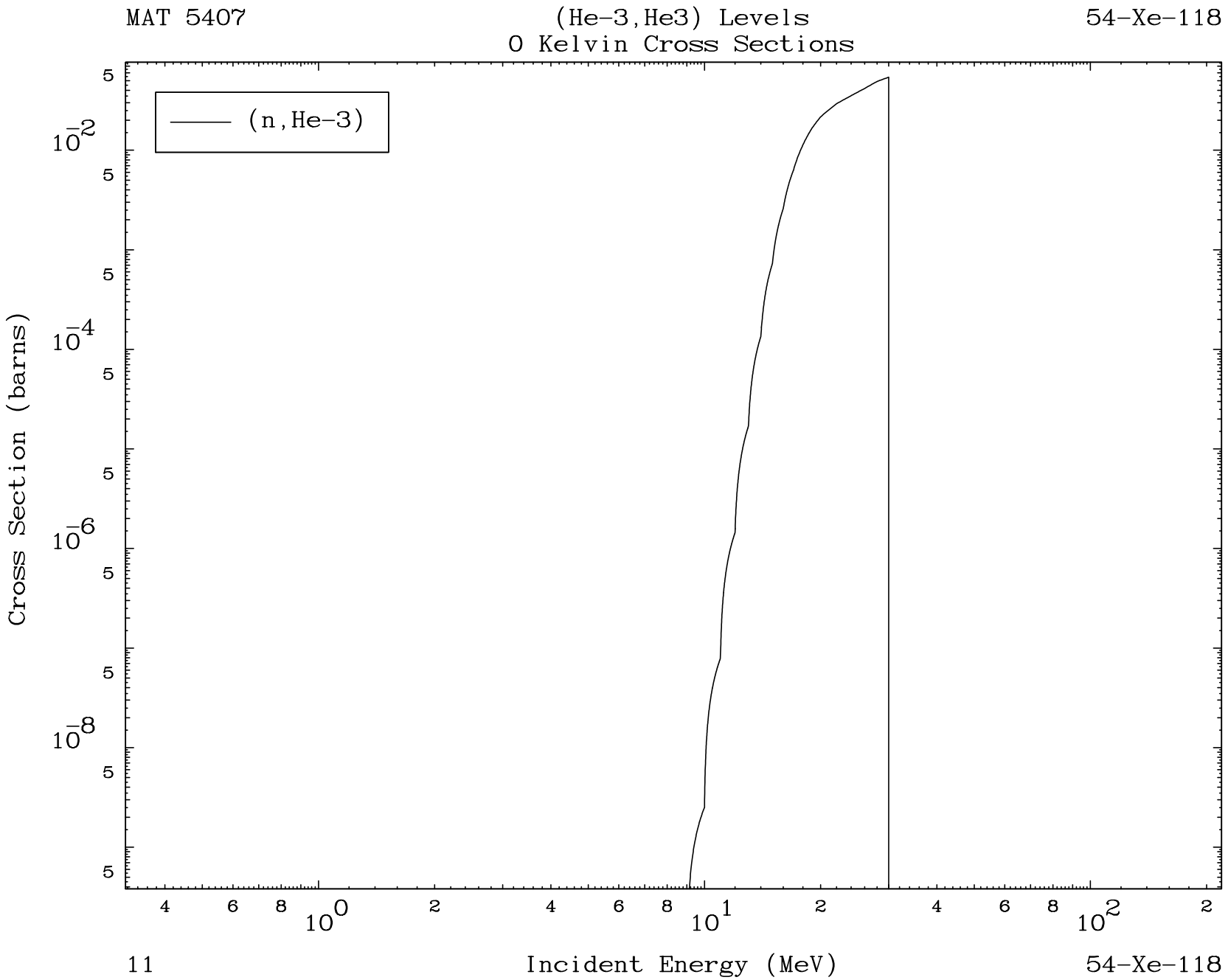

MAT 5407
He-3 Charged Particle
0 Kelvin Cross Sections
54-Xe-118
(n,n') α
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
54-Xe-118
6

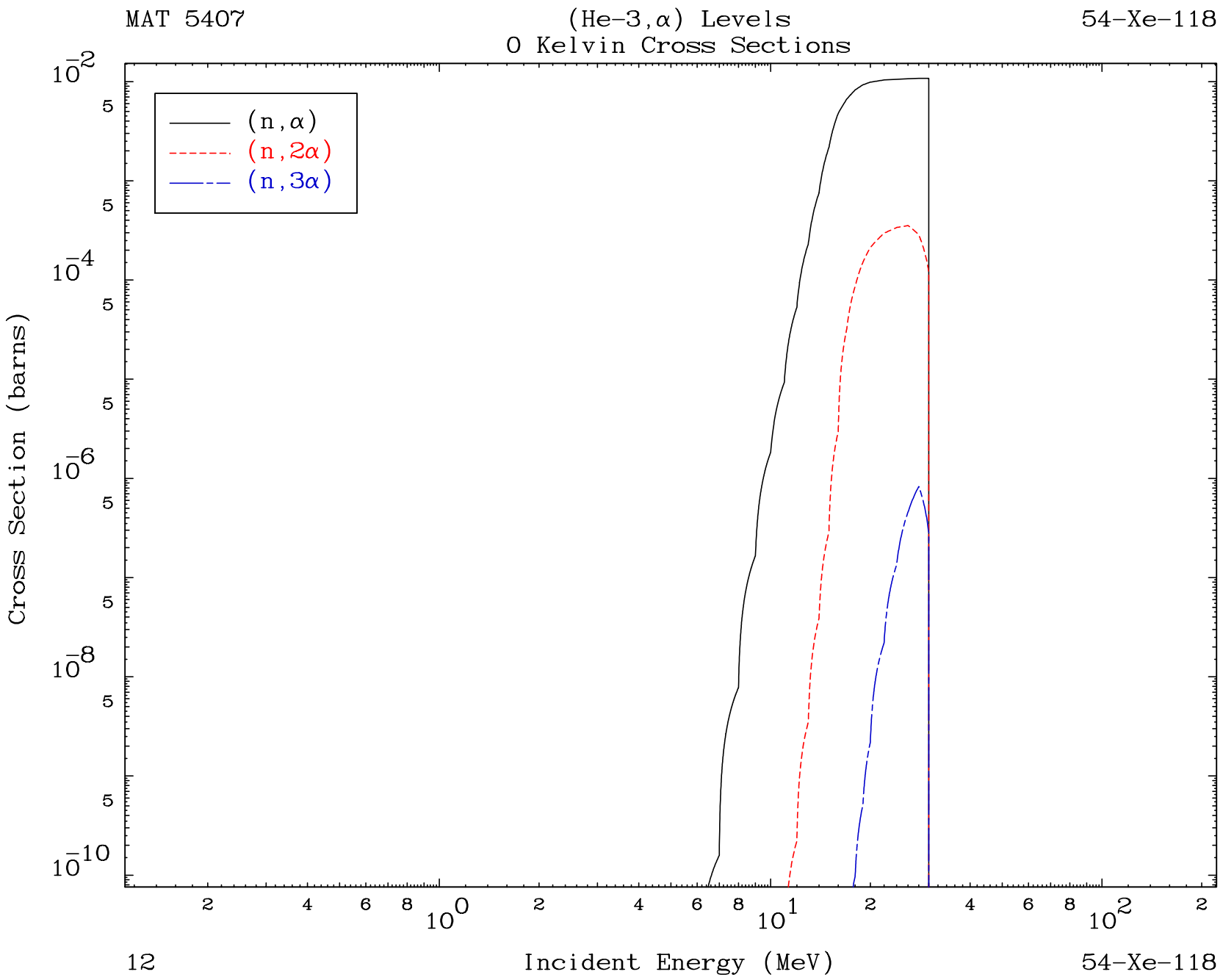

MAT 5407
He-3 Charged Particle
0 Kelvin Cross Sections
54-Xe-118
(n,n') α
(n,3α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
54-Xe-118

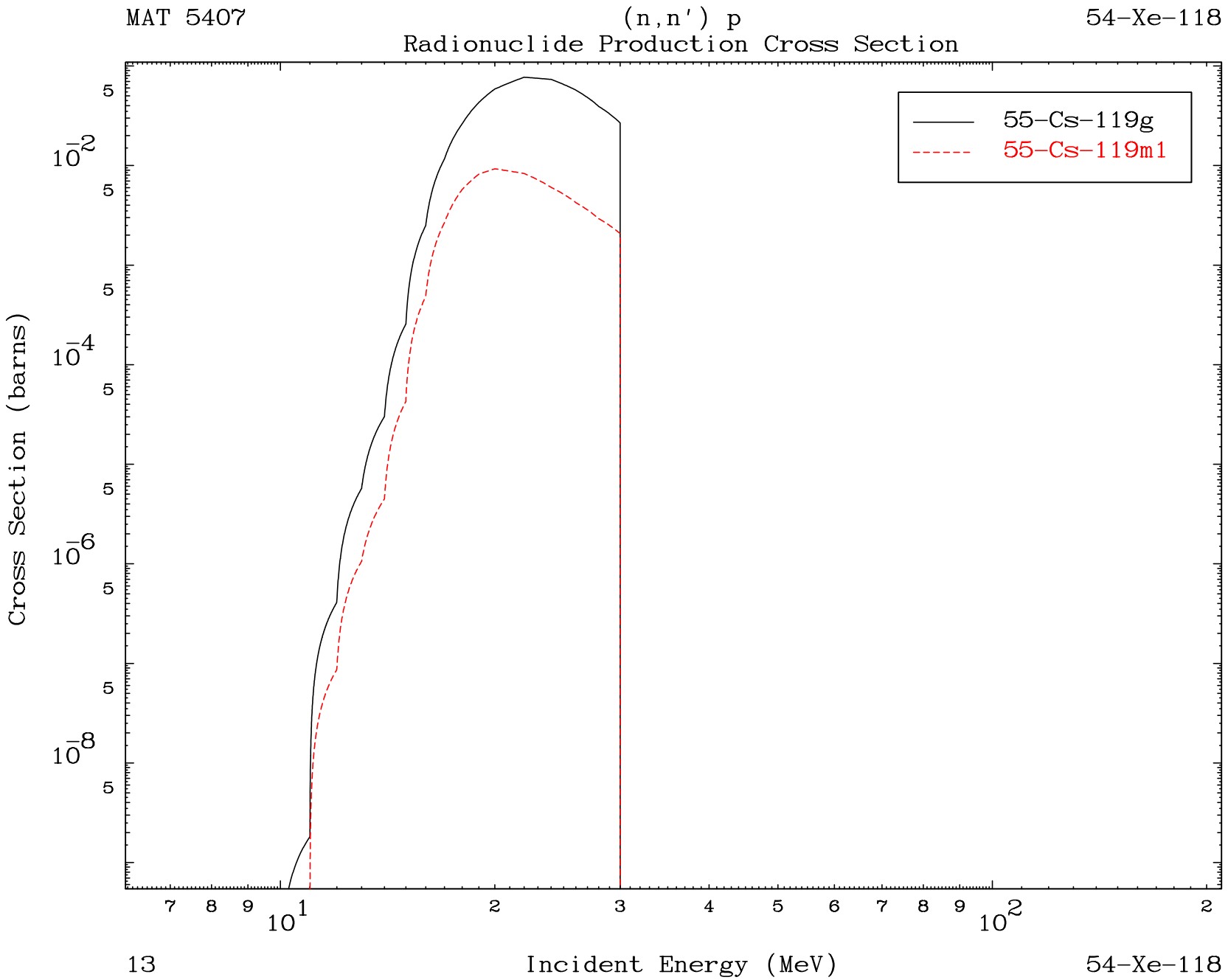

MAT 5407
(He-3,p) Levels
54-Xe-118
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
54-Xe-118

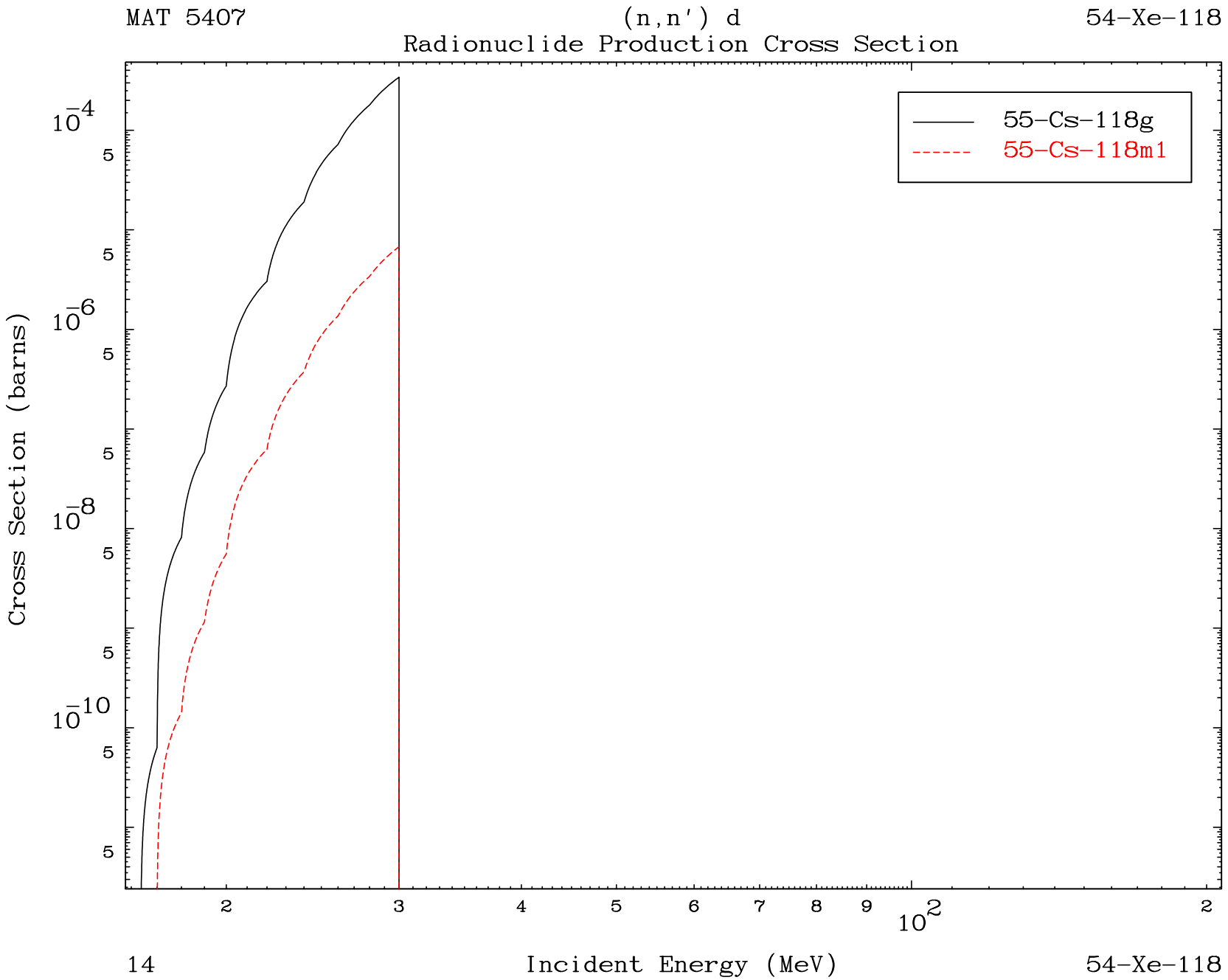

MAT 5407
(He-3,d) Levels
54-Xe-118
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
9
54-Xe-118

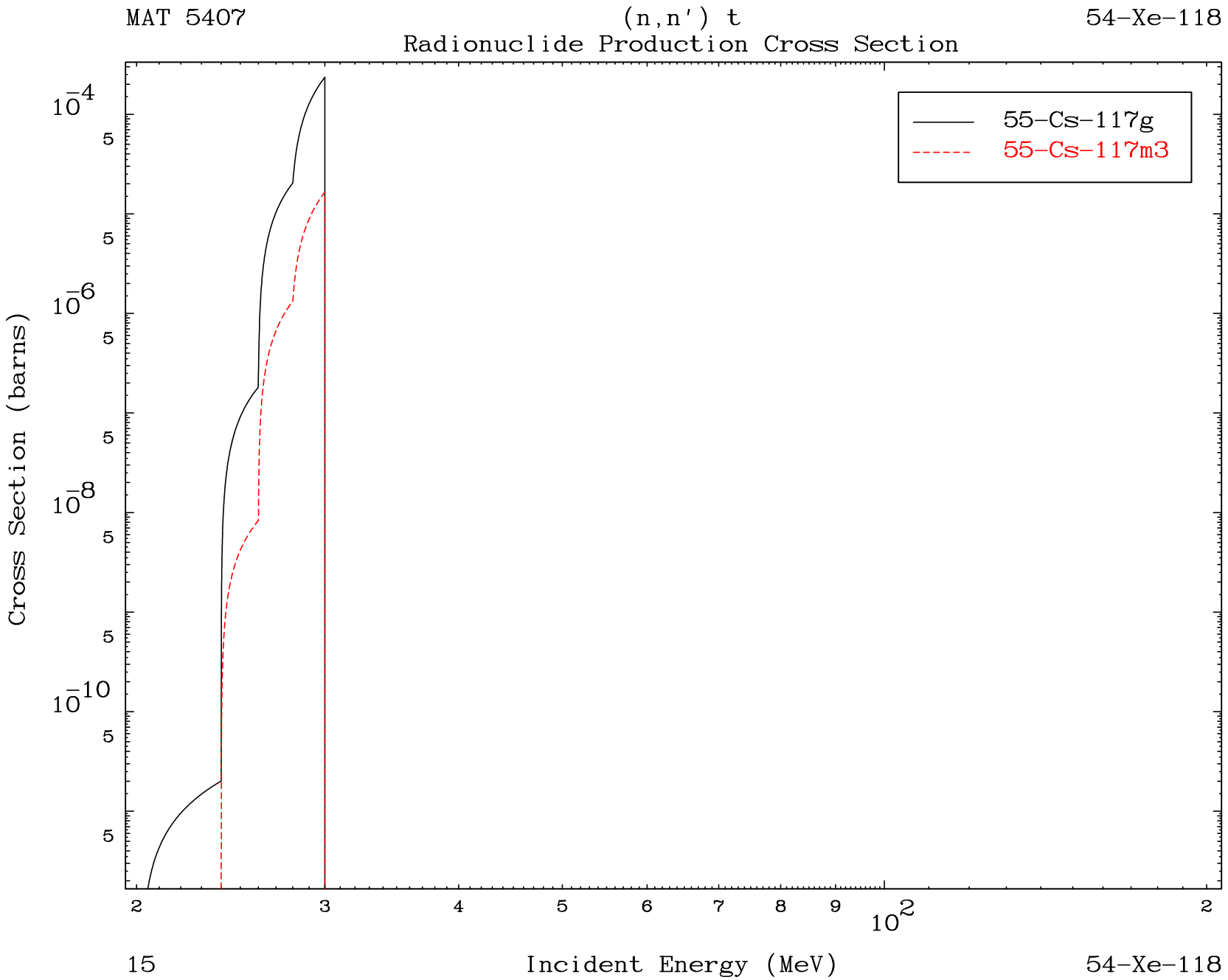

MAT 5407
(He-3,t) Levels
54-Xe-118
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^1
10^2
Incident Energy (MeV)
54-Xe-118

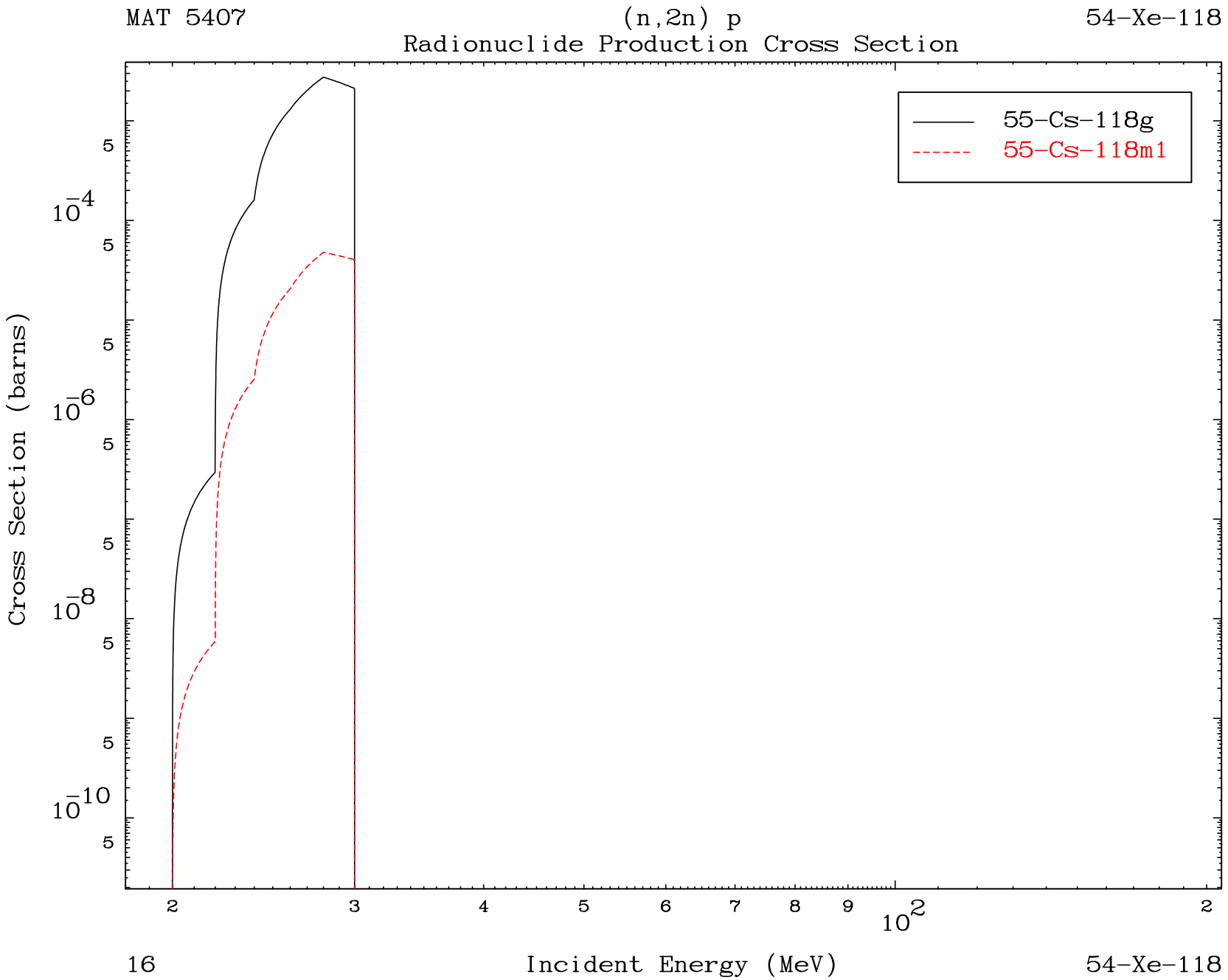

MAT 5407
(He-3,He3) Levels
54-Xe-118
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
54-Xe-118

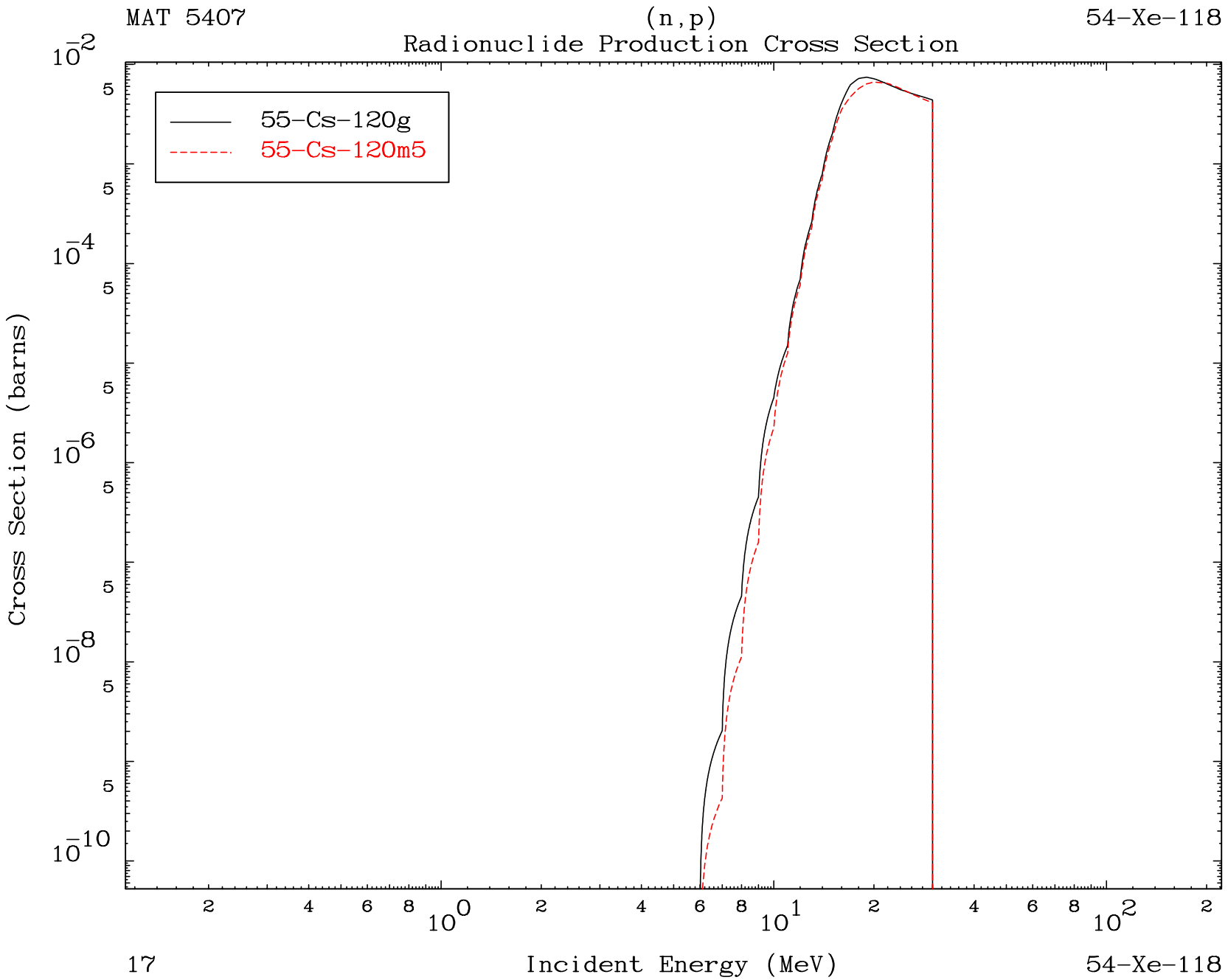

MAT 5407
(He-3,α) Levels
0 Kelvin Cross Sections
54-Xe-118
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
12
54-Xe-118

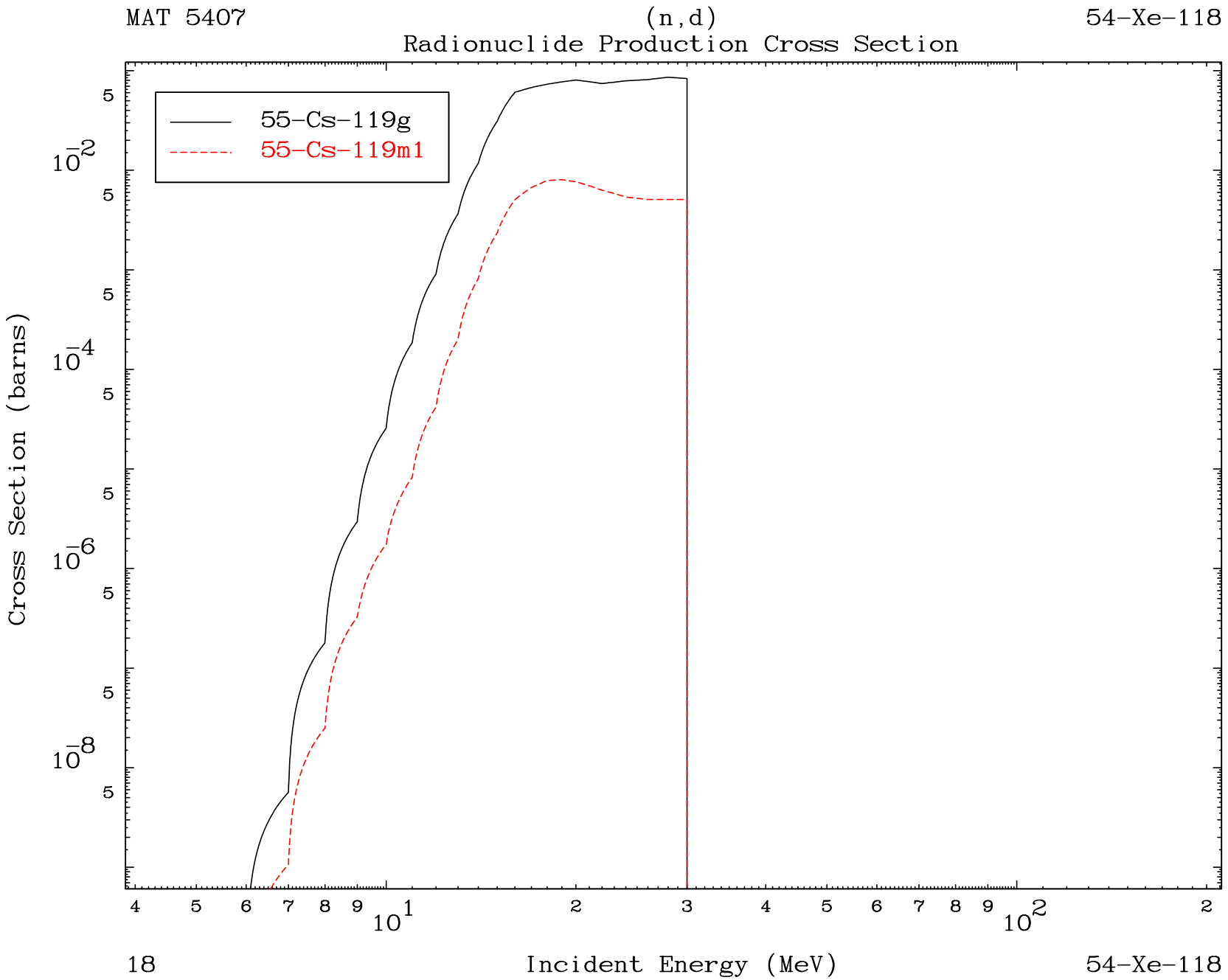

MAT 5407
(n,n') p
54-Xe-118
Radionuclide Production Cross Section
55-Cs-119g
55-Cs-119m1
Cross Section (barns)
Incident Energy (MeV)
13
54-Xe-118

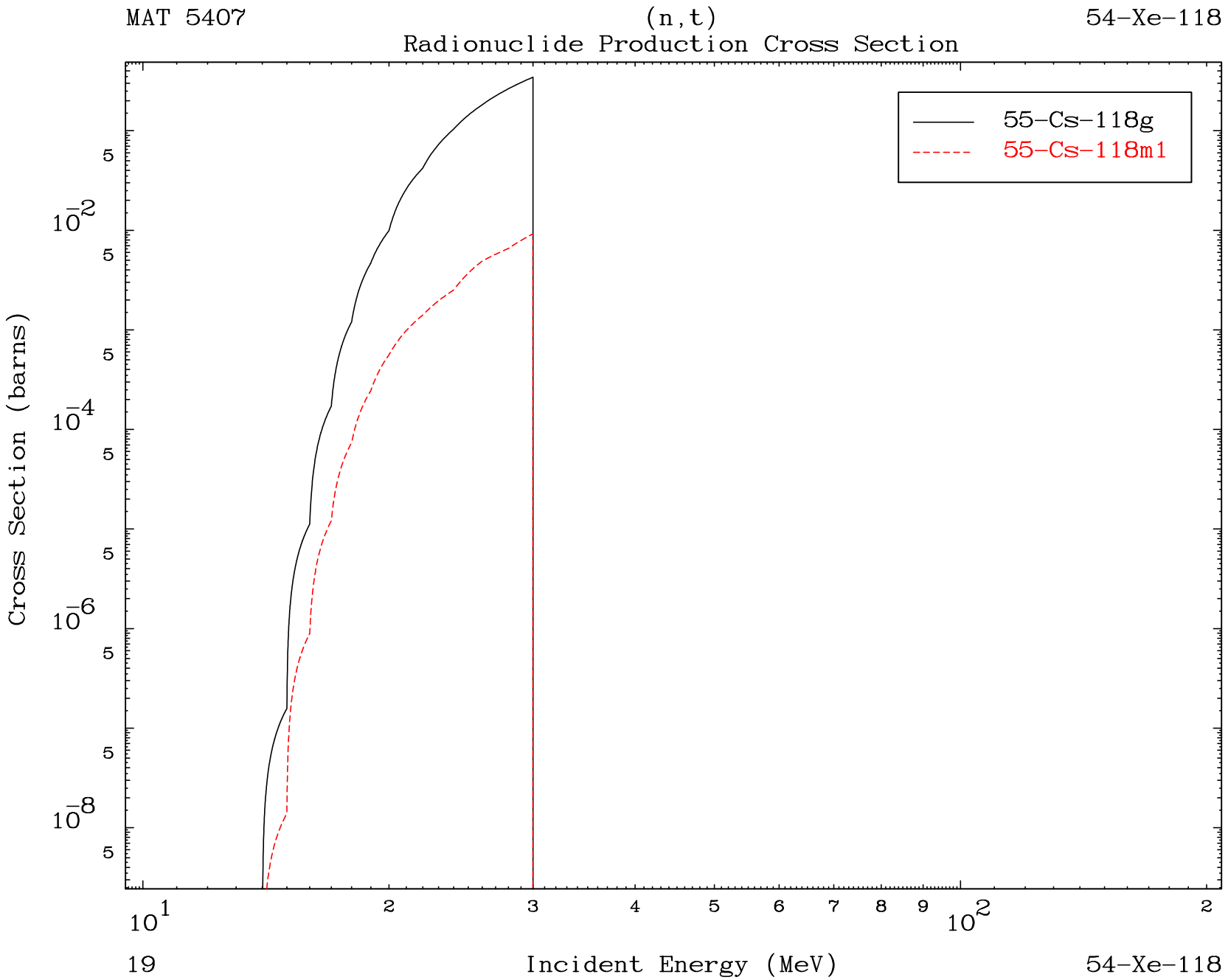

MAT 5407
(n,n') d
54-Xe-118
Radionuclide Production Cross Section
55-Cs-118g
55-Cs-118m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
54-Xe-118


MAT 5407
(n,n') t
54-Xe-118
Radionuclide Production Cross Section
55-Cs-117g
55-Cs-117m3
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
54-Xe-118


MAT 5407
(n,2n) p
54-Xe-118
Radionuclide Production Cross Section
55-Cs-118g
55-Cs-118m1
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
16
Incident Energy (MeV)
54-Xe-118


MAT 5407
(n,p)
54-Xe-118
Radionuclide Production Cross Section
55-Cs-120g
55-Cs-120m5
Cross Section (barns)
Incident Energy (MeV)
17
54-Xe-118


MAT 5407
(n,d)
54-Xe-118
Radionuclide Production Cross Section
55-Cs-119g
55-Cs-119m1
Cross Section (barns)
Incident Energy (MeV)
18
54-Xe-118


MAT 5407
(n,t)
54-Xe-118
Radionuclide Production Cross Section
55-Cs-118g
55-Cs-118m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
101
2
3
4
5
6
7
8
9
102
2
19
Incident Energy (MeV)
54-Xe-118