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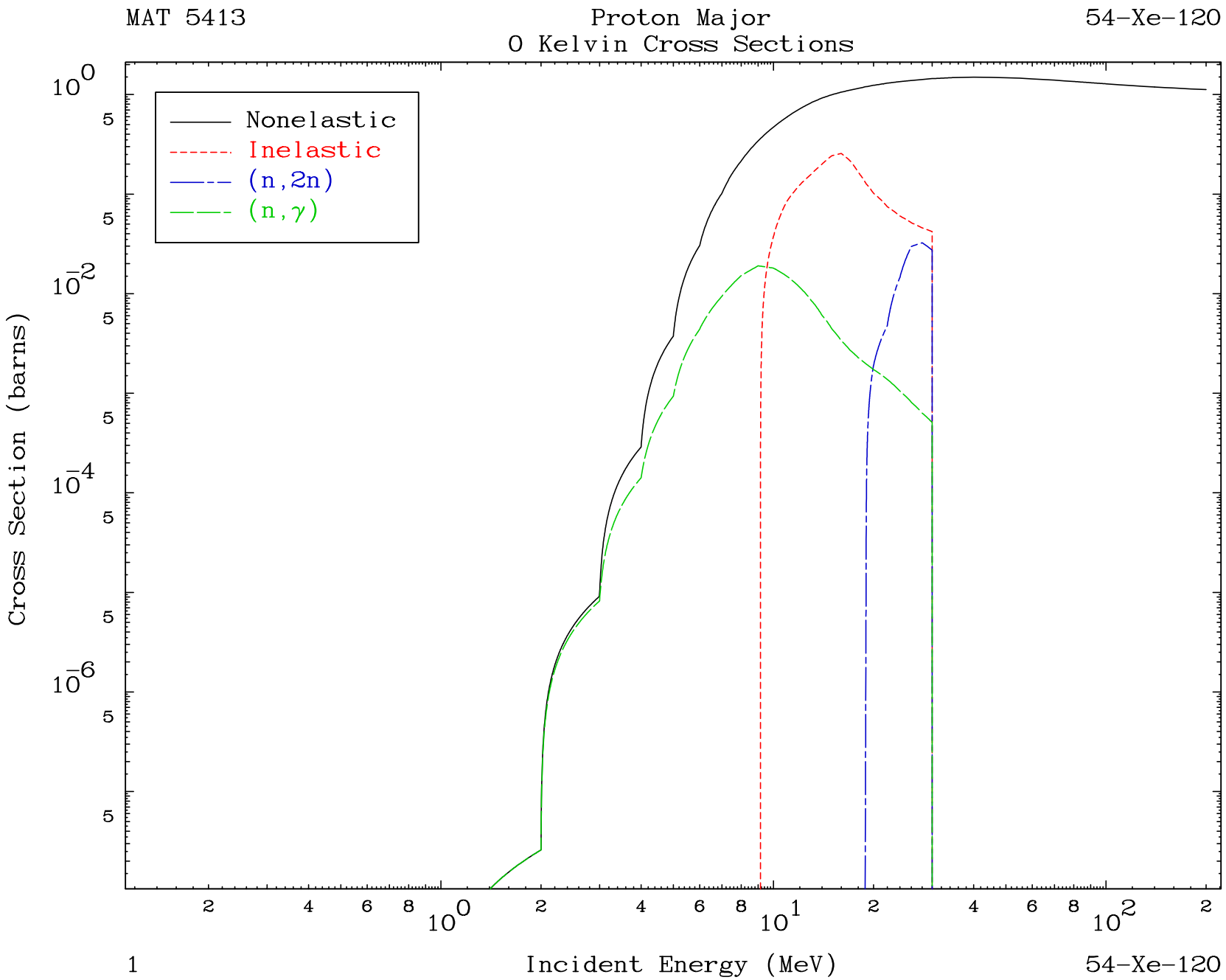
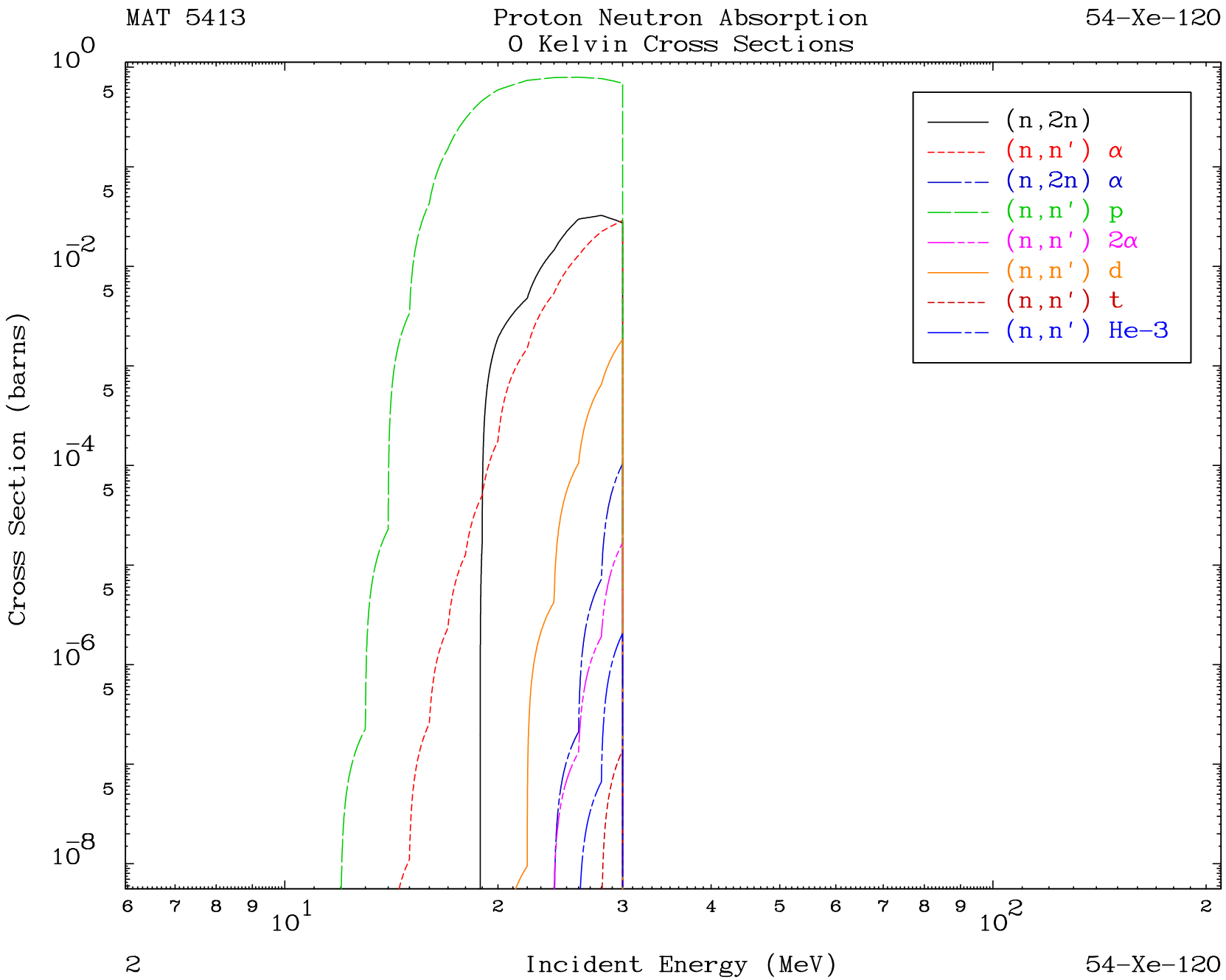
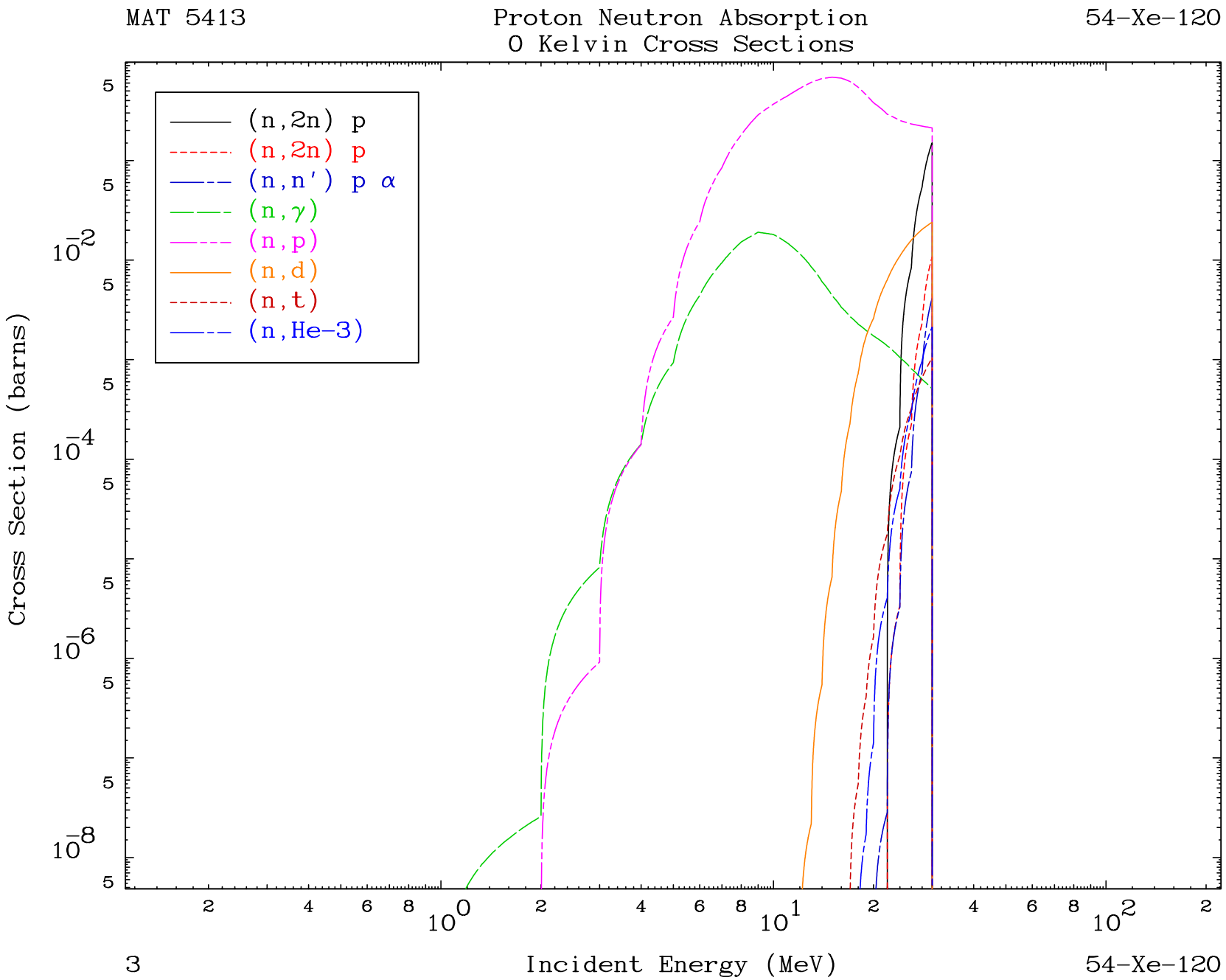
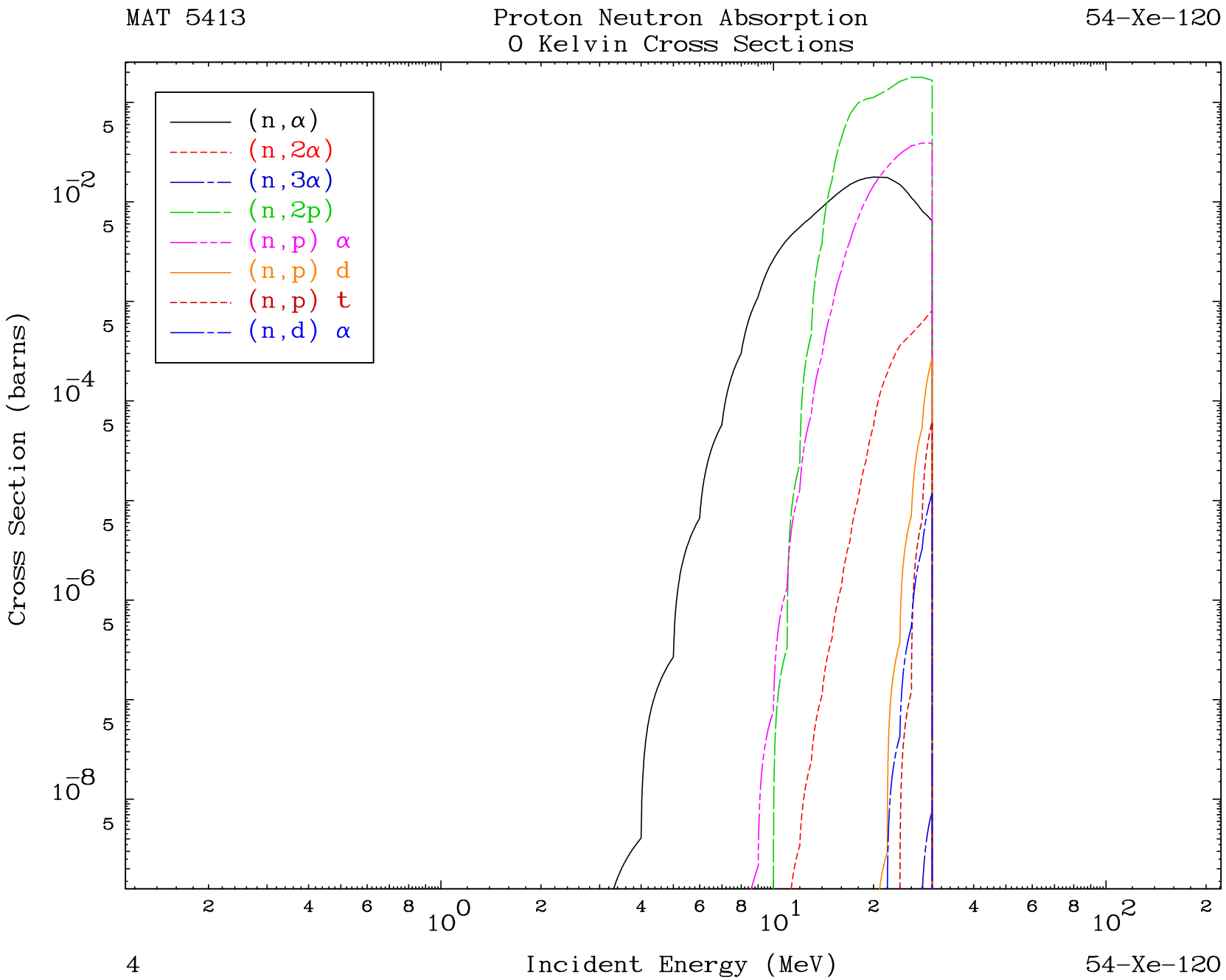
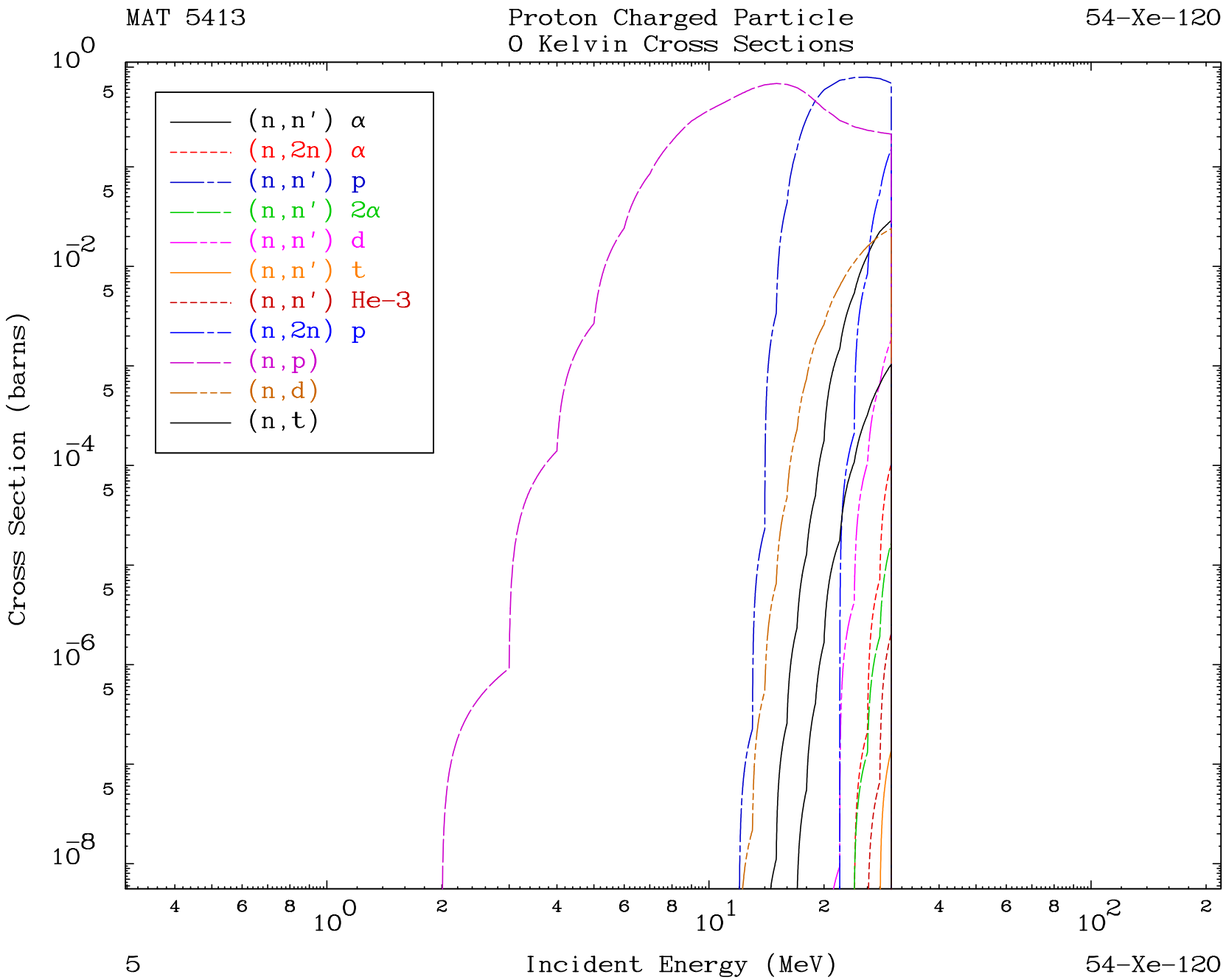
Press Mouse Button to Start

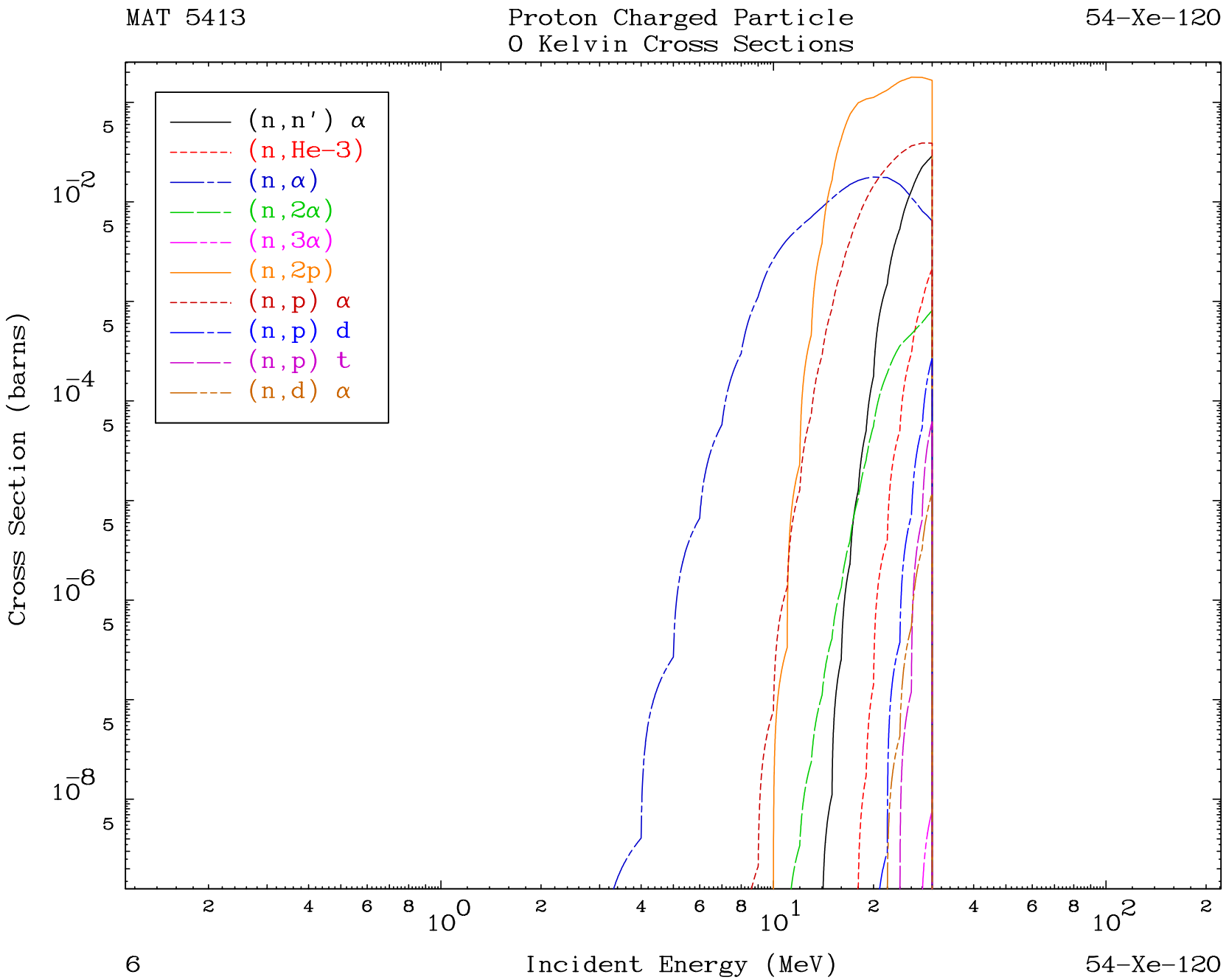

MAT 5413
Proton Major
54-Xe-120
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
54-Xe-120
1

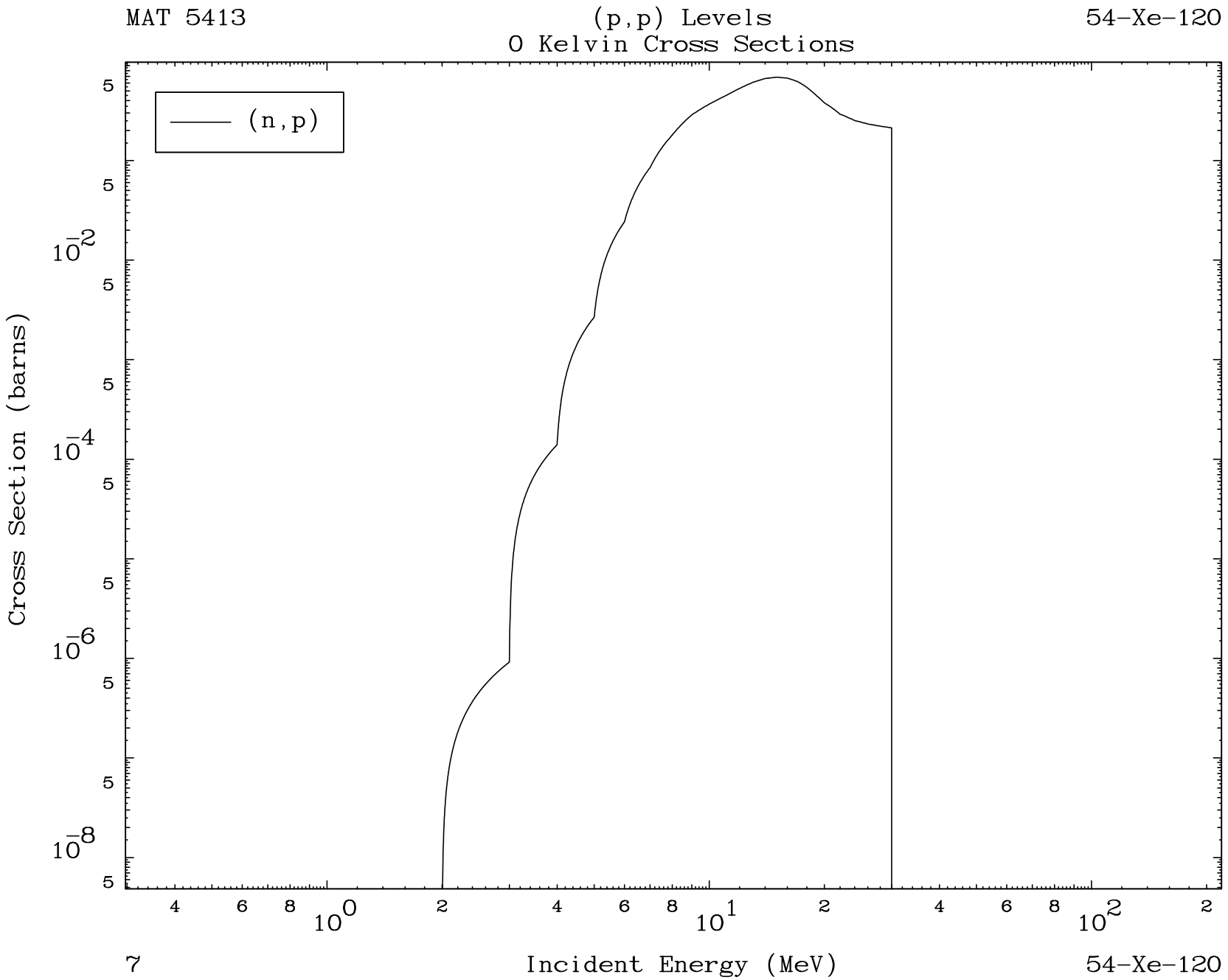

MAT 5413
Proton Neutron Absorption
0 Kelvin Cross Sections
54-Xe-120
Cross Section (barns)
Incident Energy (MeV)
54-Xe-120
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3

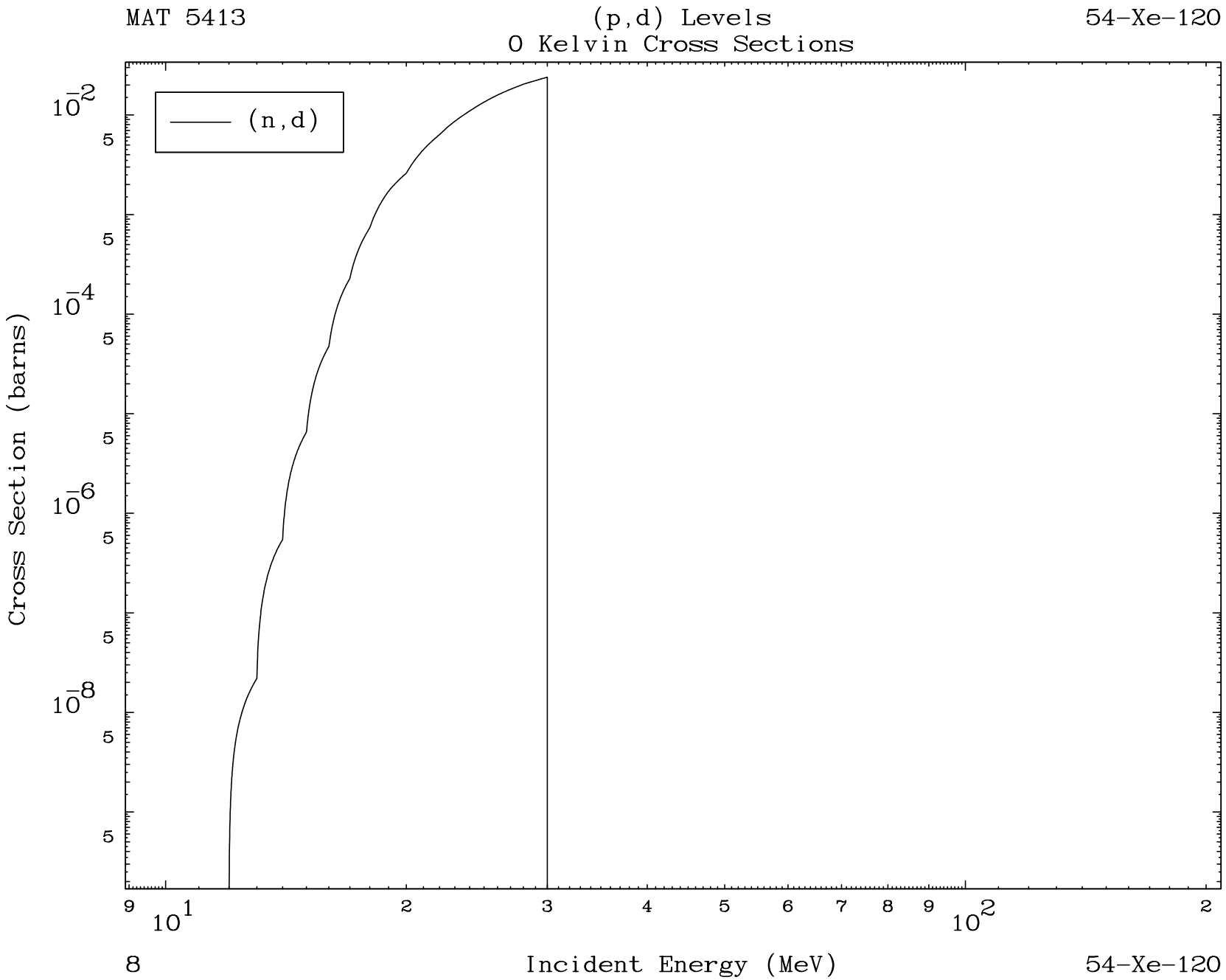

MAT 5413
Proton Neutron Absorption
0 Kelvin Cross Sections
54-Xe-120
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
54-Xe-120

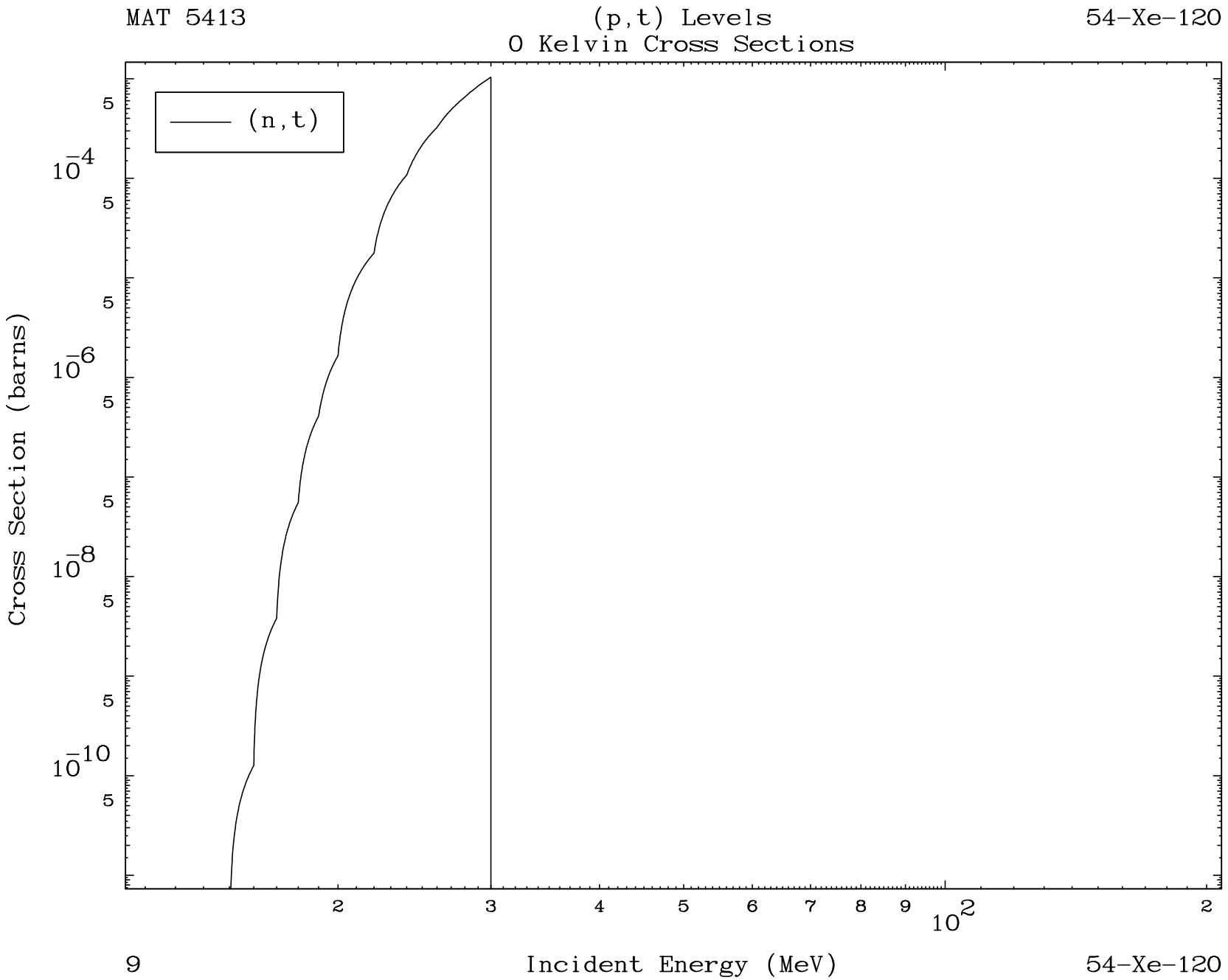

MAT 5413
Proton Neutron Absorption
0 Kelvin Cross Sections
54-Xe-120
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
54-Xe-120

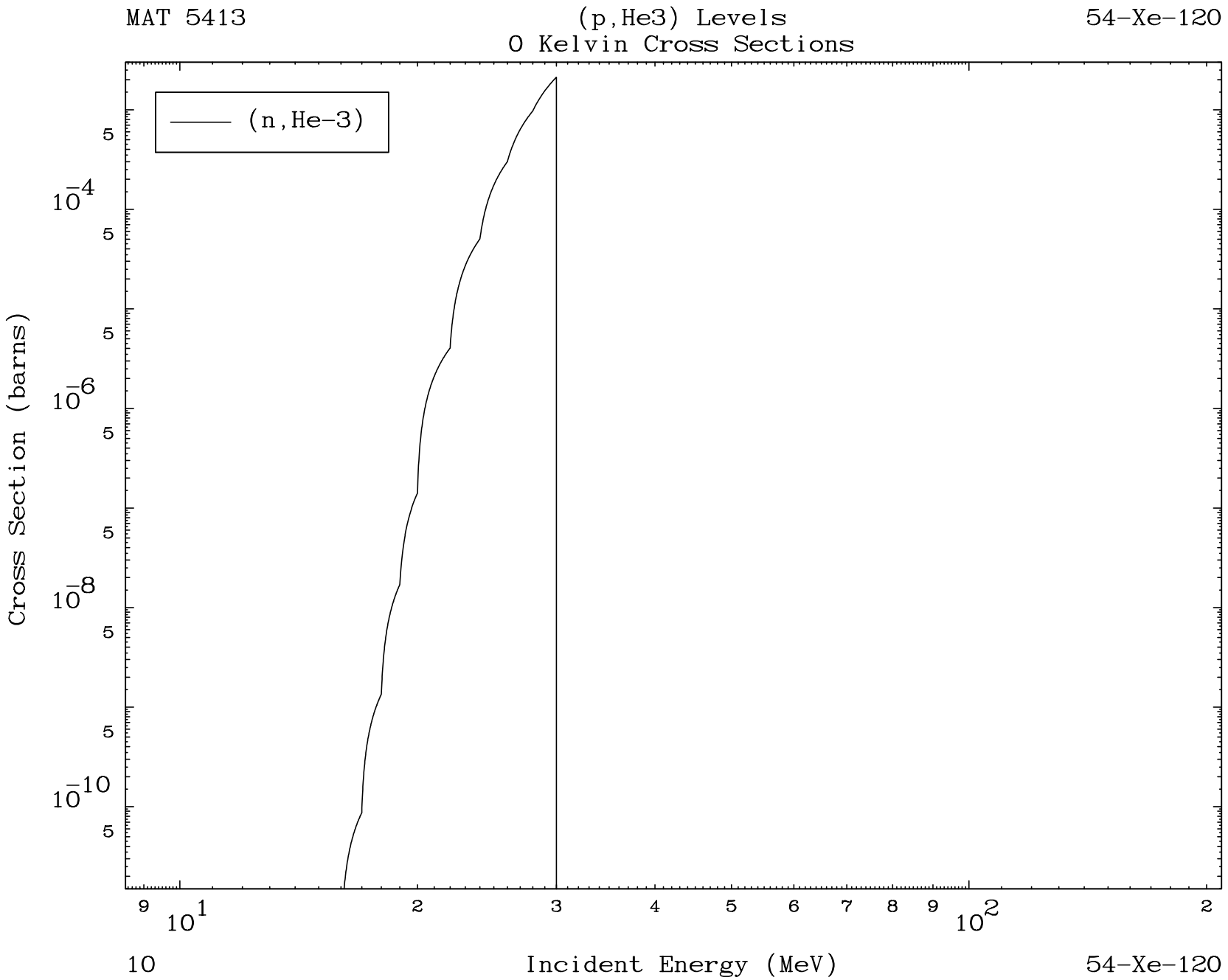

MAT 5413
Proton Charged Particle
0 Kelvin Cross Sections
54-Xe-120
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
54-Xe-120
5

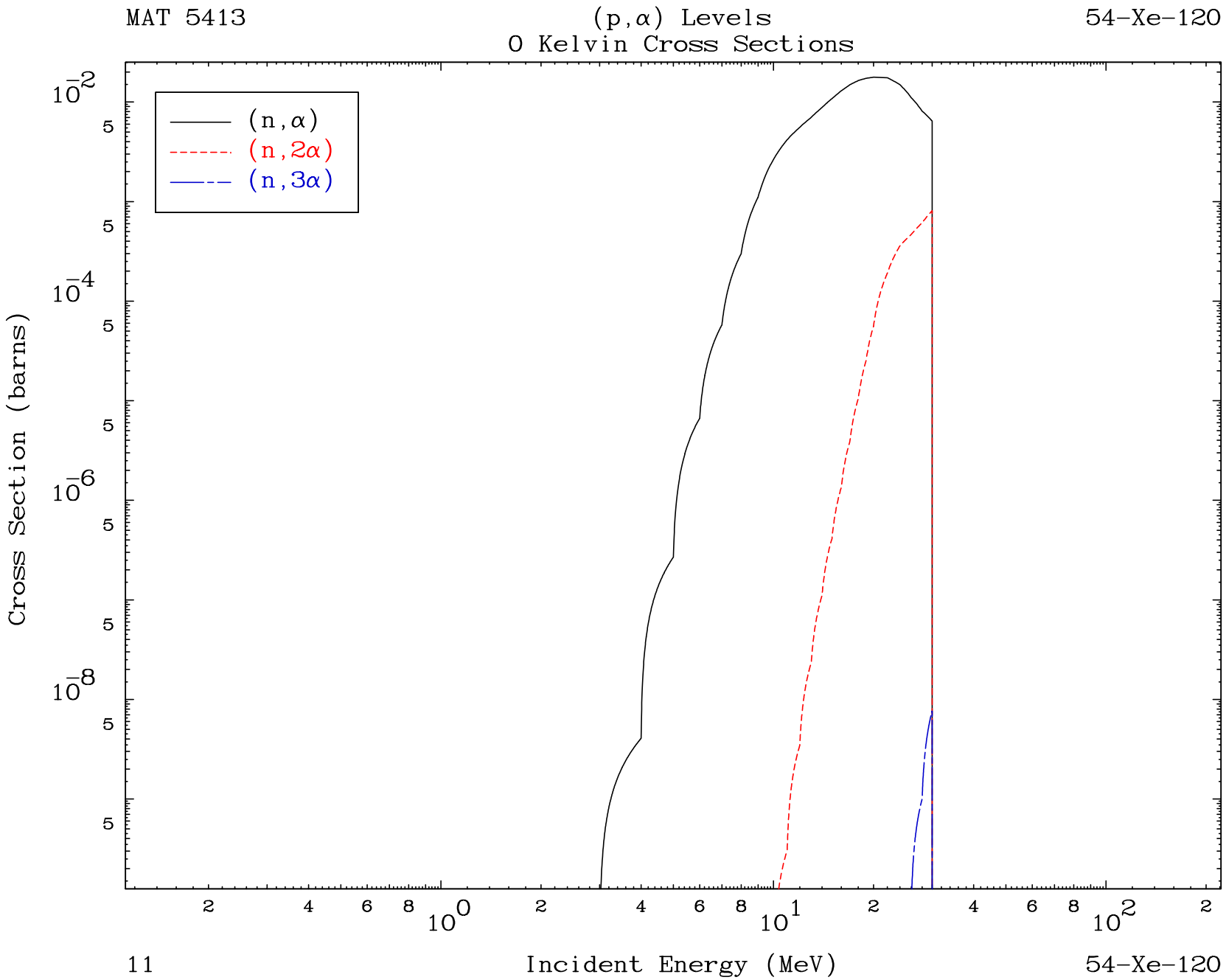

MAT 5413
Proton Charged Particle
0 Kelvin Cross Sections
54-Xe-120
(n,n') α
(n,He-3)
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
54-Xe-120

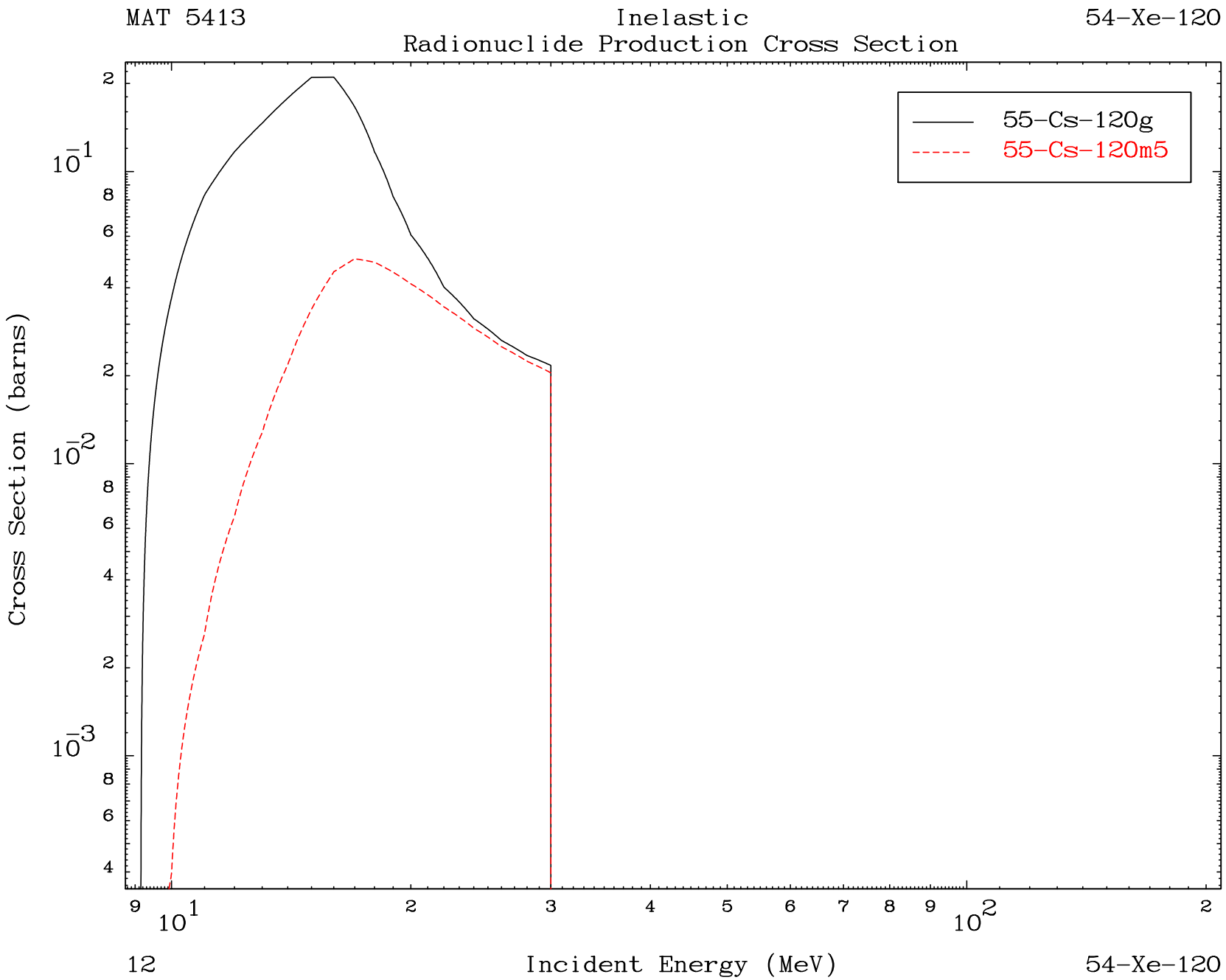

MAT 5413
(p,p) Levels
54-Xe-120
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
54-Xe-120

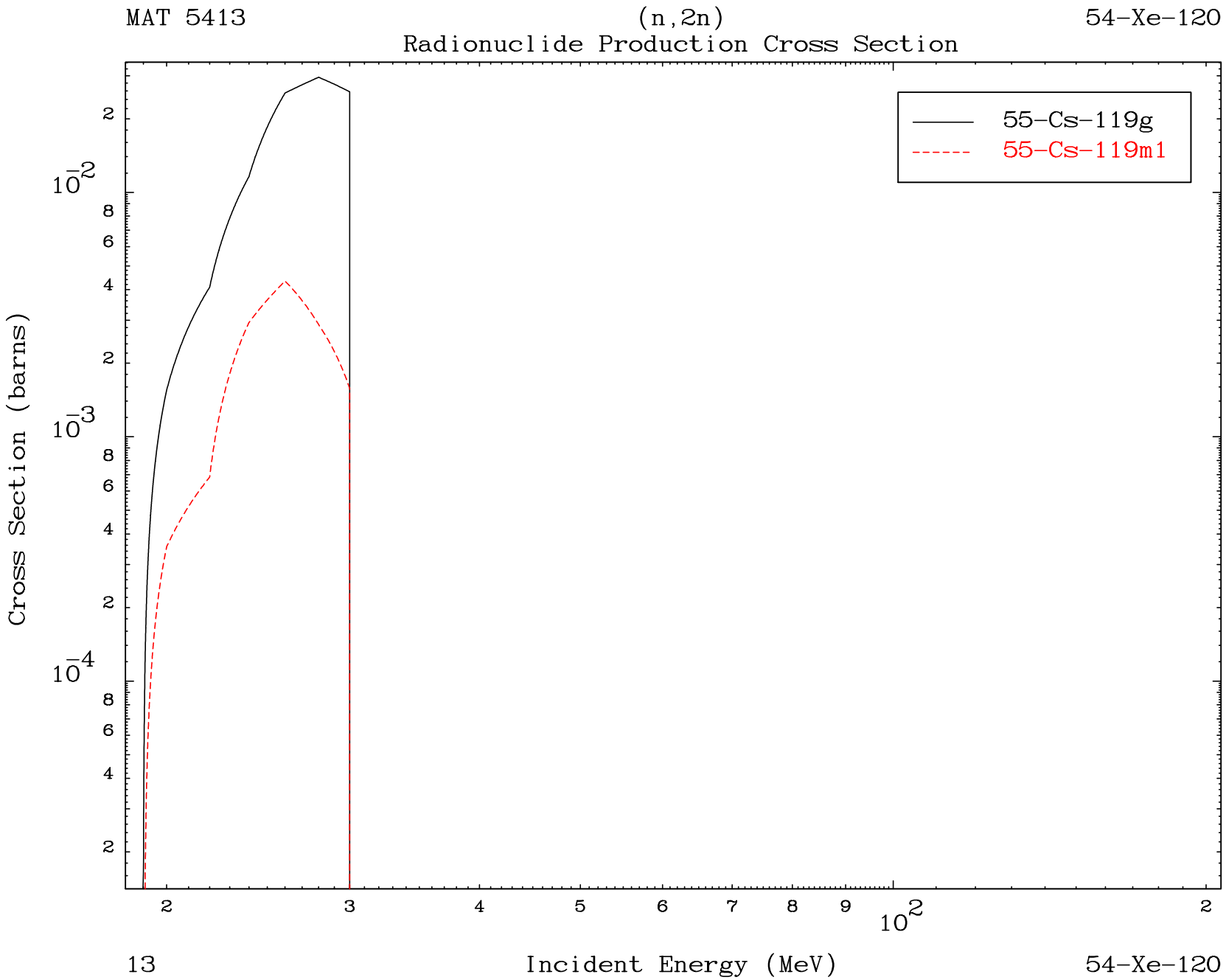

MAT 5413
(p,d) Levels
54-Xe-120
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
54-Xe-120

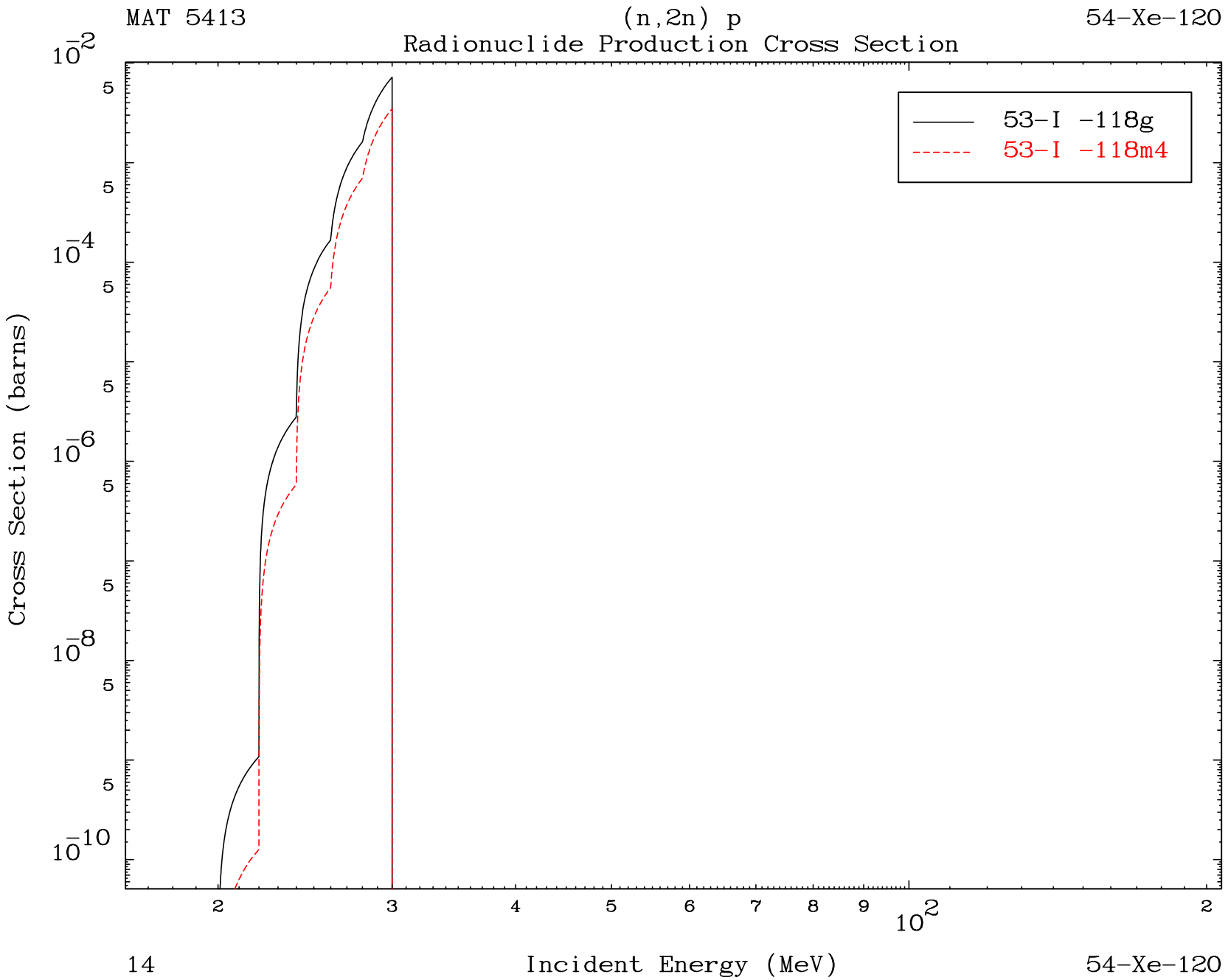

MAT 5413
(p,t) Levels
54-Xe-120
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
9
54-Xe-120

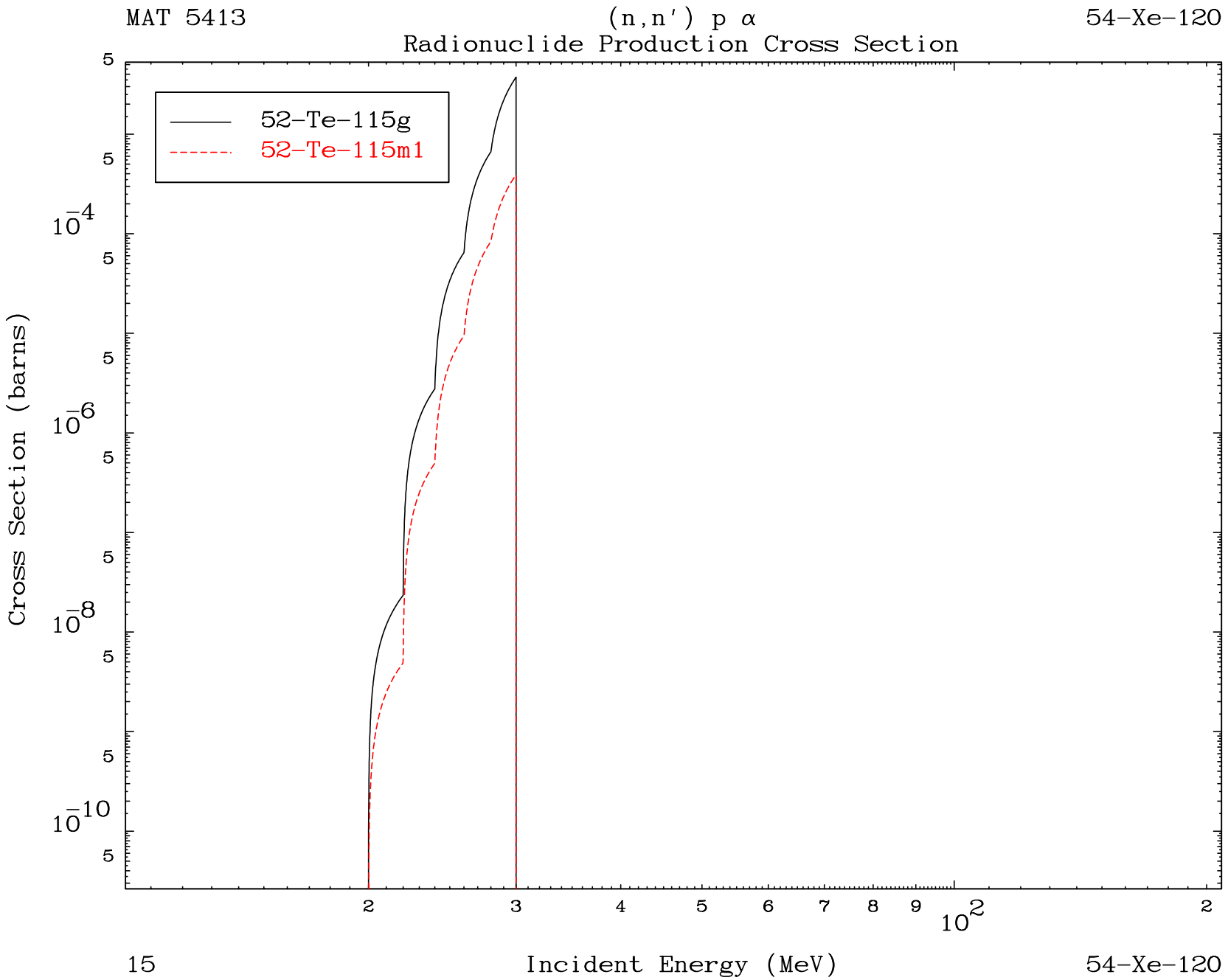

MAT 5413
(p,He3) Levels
54-Xe-120
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
10^1
10^2
54-Xe-120

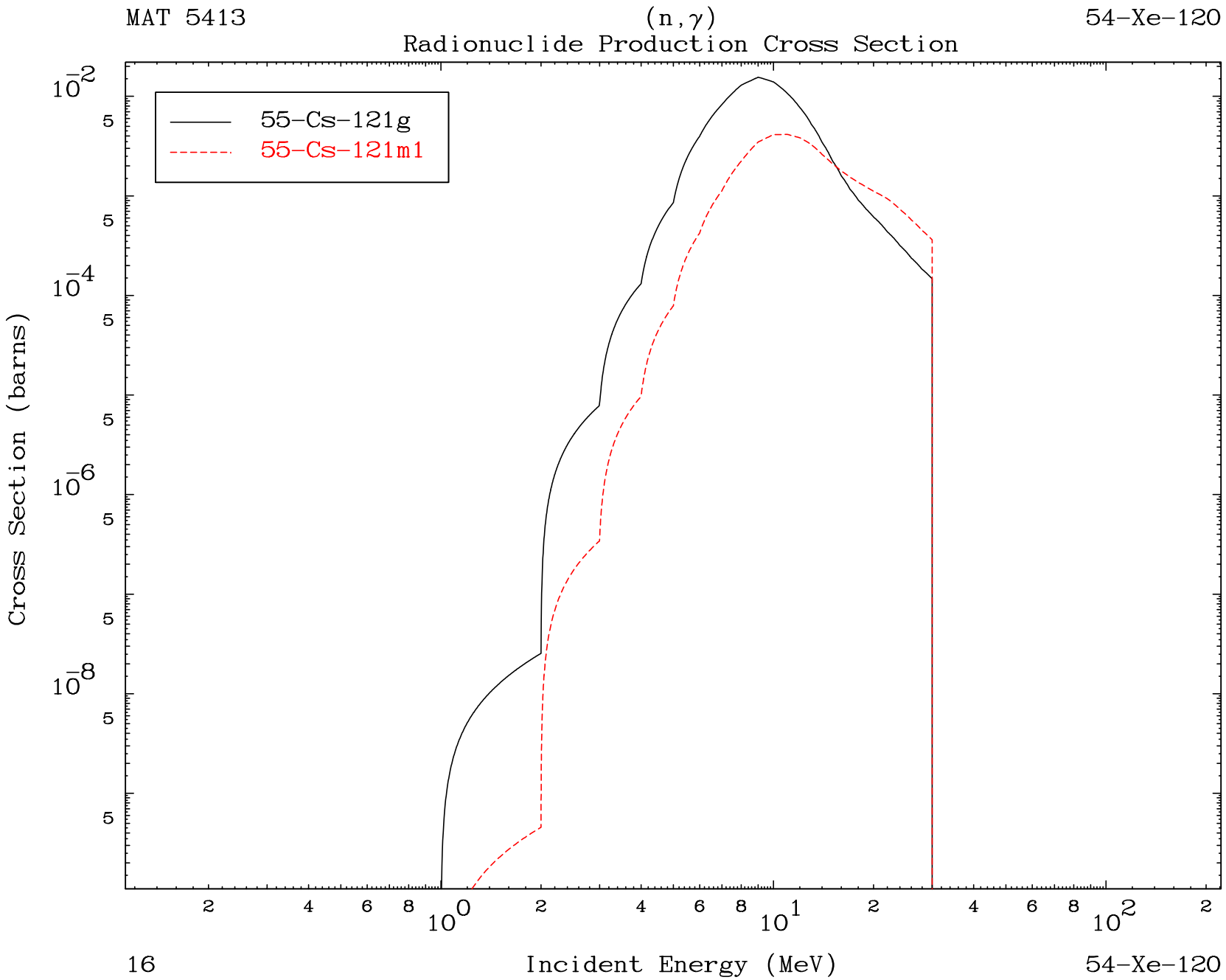

MAT 5413
(p,α) Levels
54-Xe-120
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
11
Incident Energy (MeV)
54-Xe-120

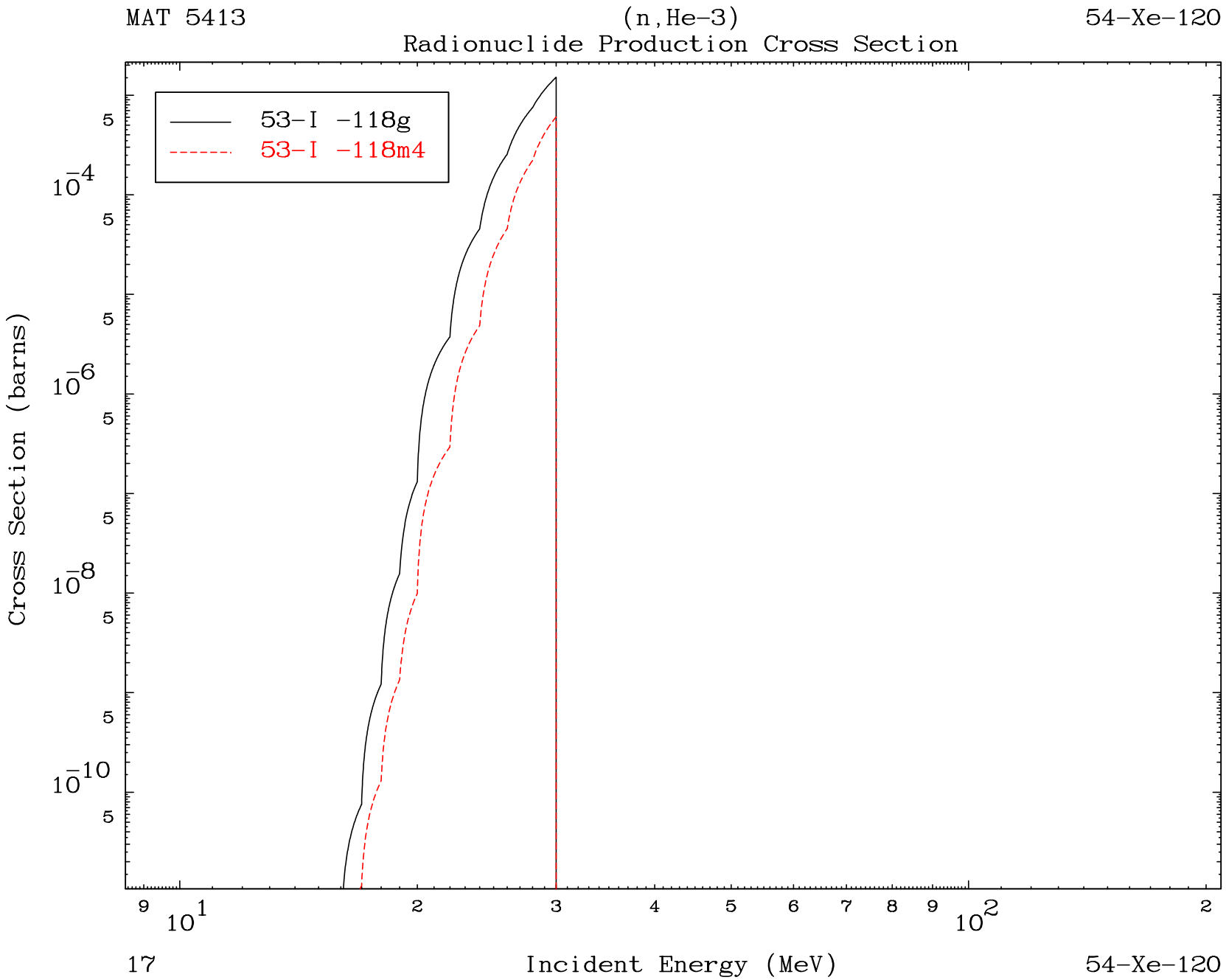

MAT 5413
Inelastic
54-Xe-120
Radionuclide Production Cross Section
55-Cs-120g
55-Cs-120m5
Cross Section (barns)
Incident Energy (MeV)
12
54-Xe-120

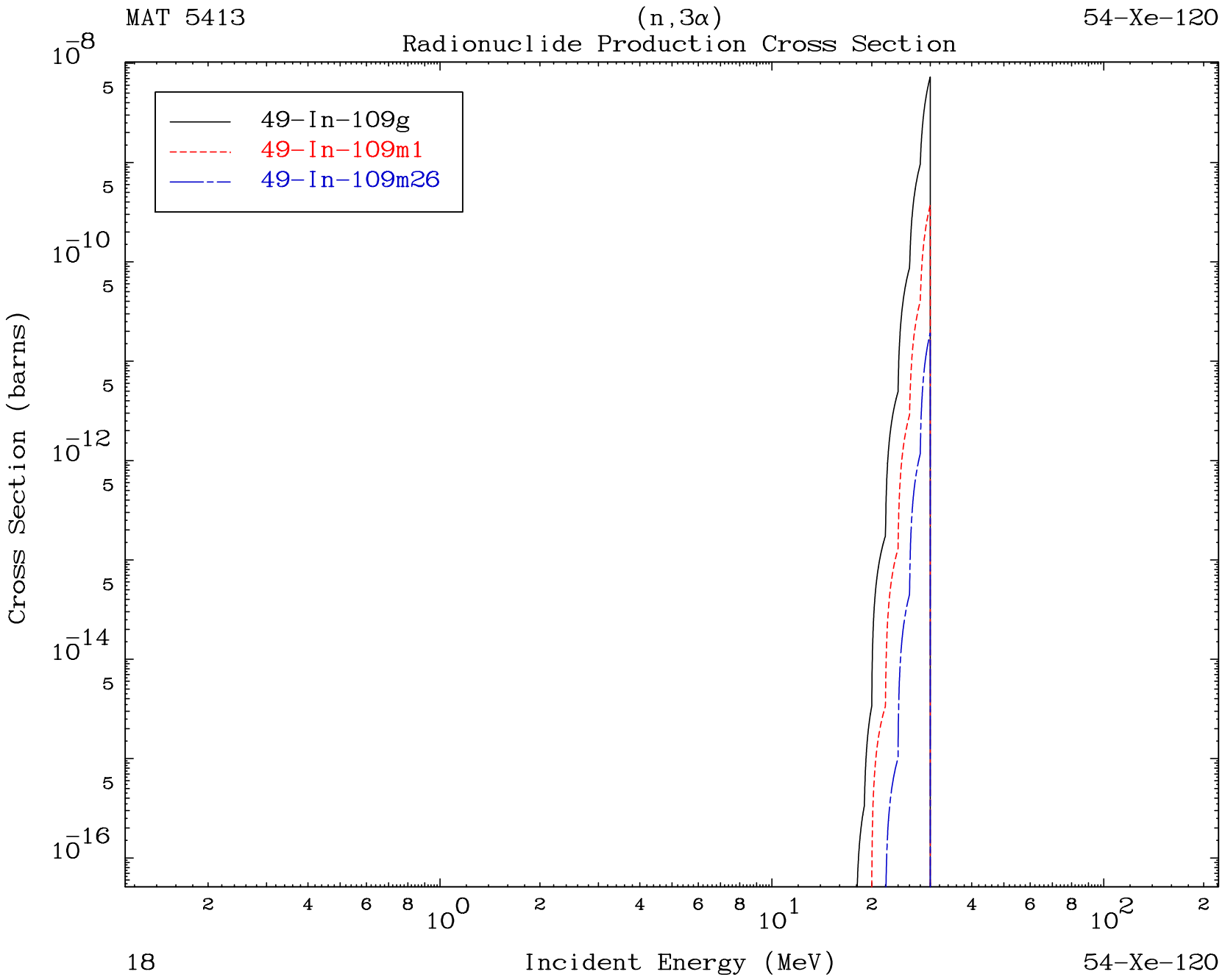

MAT 5413
(n,2n)
54-Xe-120
Radionuclide Production Cross Section
55-Cs-119g
55-Cs-119m1
Cross Section (barns)
Incident Energy (MeV)
13
54-Xe-120

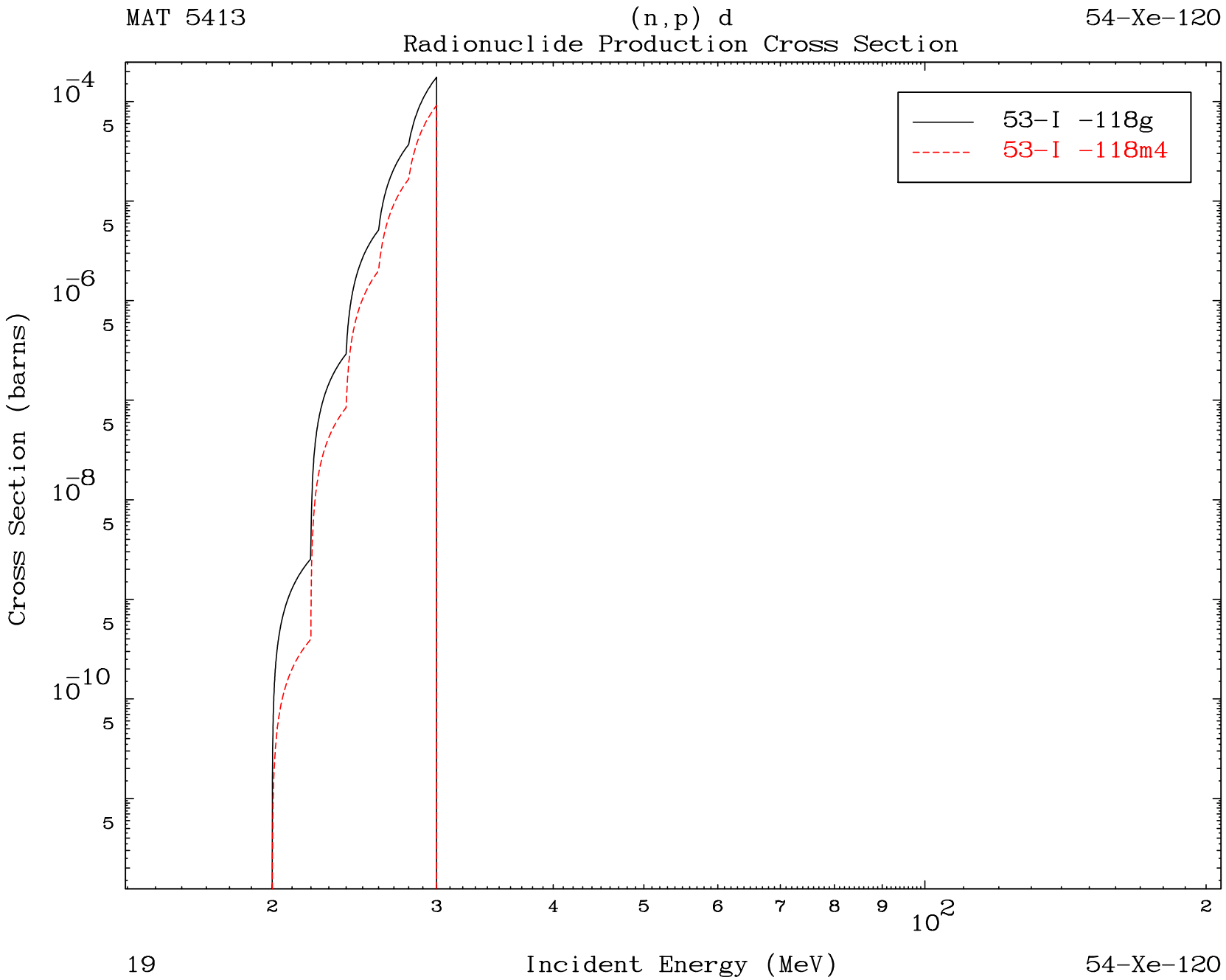

MAT 5413
(n,2n) p
54-Xe-120
Radionuclide Production Cross Section
53-I -118g
53-I -118m4
Cross Section (barns)
Incident Energy (MeV)
14
54-Xe-120

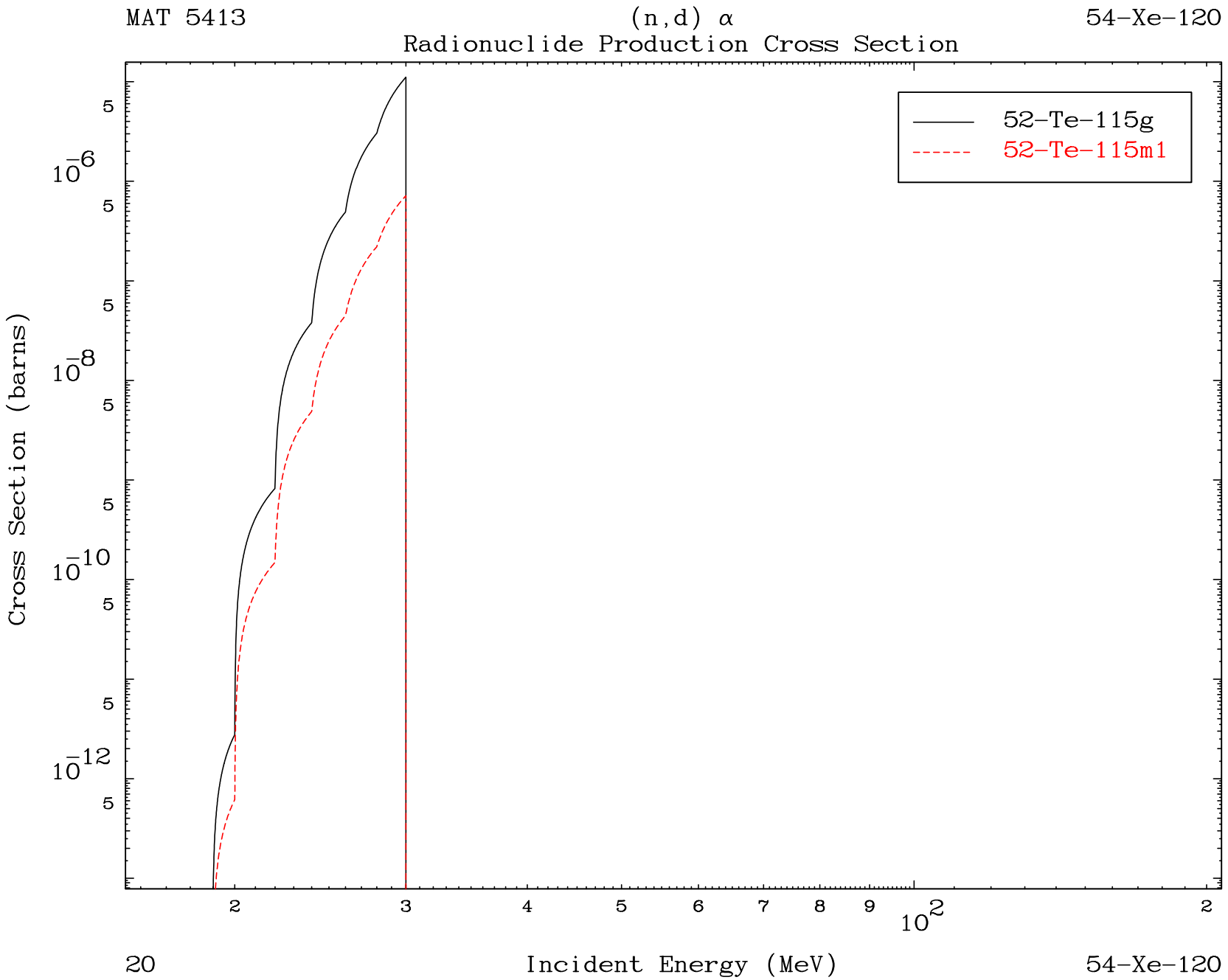

MAT 5413
(n,n') p α
54-Xe-120
Radionuclide Production Cross Section
52-Te-115g
52-Te-115m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
54-Xe-120


MAT 5413
(n,γ)
54-Xe-120
Radionuclide Production Cross Section
55-Cs-121g
55-Cs-121m1
Cross Section (barns)
Incident Energy (MeV)
16
54-Xe-120


MAT 5413
(n,He-3)
54-Xe-120
Radionuclide Production Cross Section
53-I -118g
53-I -118m4
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
17
54-Xe-120


MAT 5413
(n,3α)
54-Xe-120
Radionuclide Production Cross Section
49-In-109g
49-In-109m1
49-In-109m26
Cross Section (barns)
Incident Energy (MeV)
18
54-Xe-120


MAT 5413
(n,p) d
54-Xe-120
Radionuclide Production Cross Section
53-I -118g
53-I -118m4
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
19
Incident Energy (MeV)
54-Xe-120


MAT 5413
(n,d) α
54-Xe-120
Radionuclide Production Cross Section
52-Te-115g
52-Te-115m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
20
Incident Energy (MeV)
54-Xe-120