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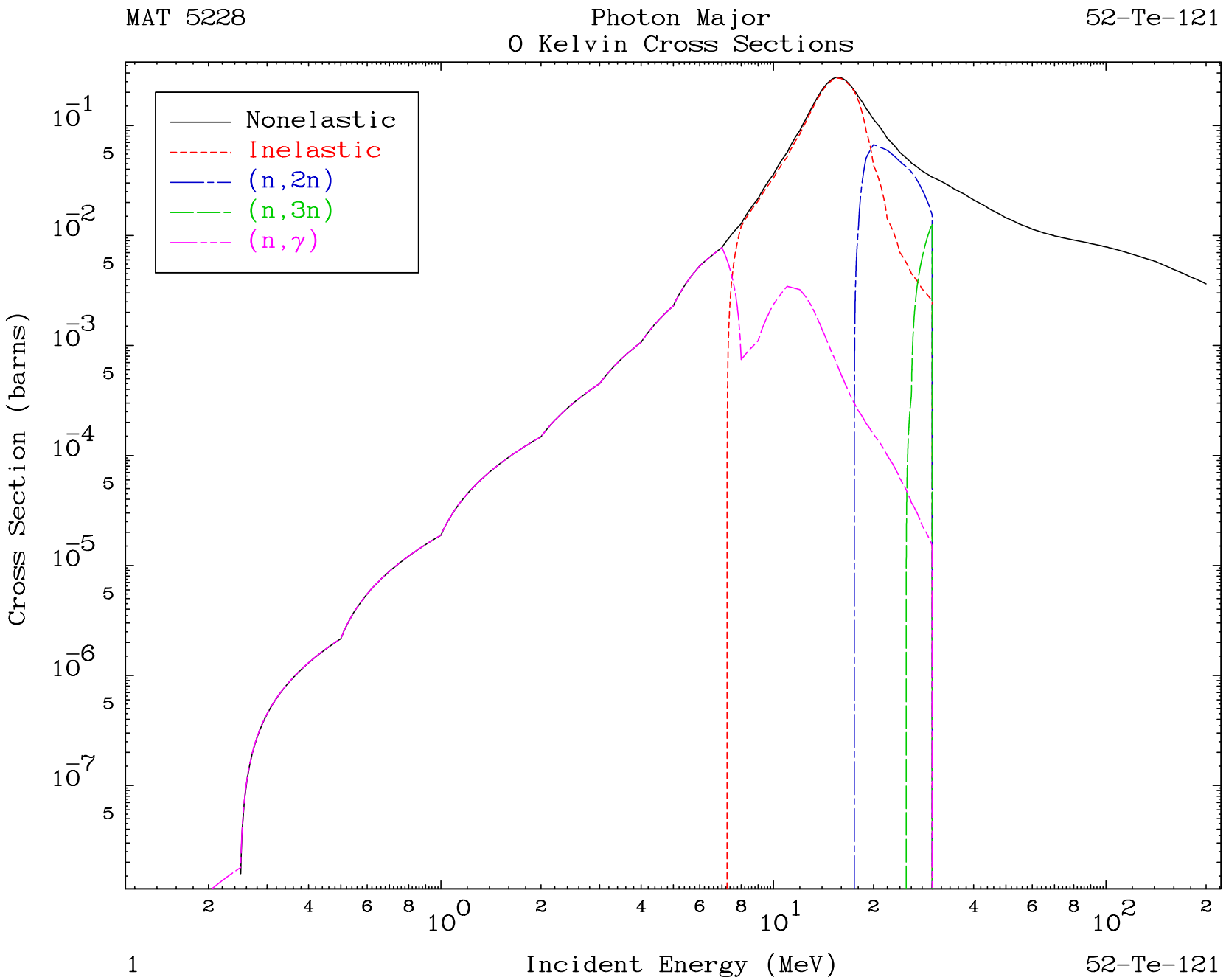
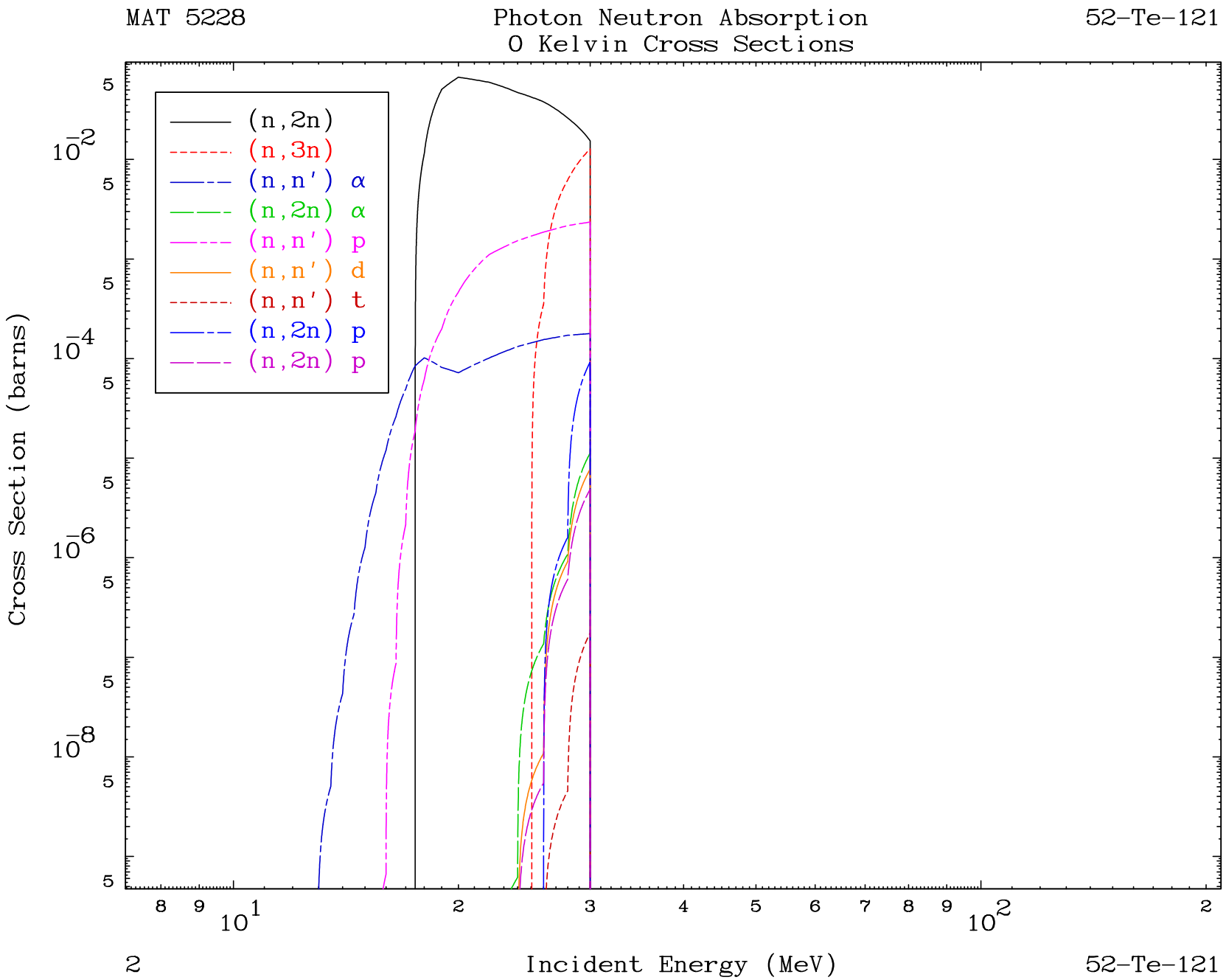
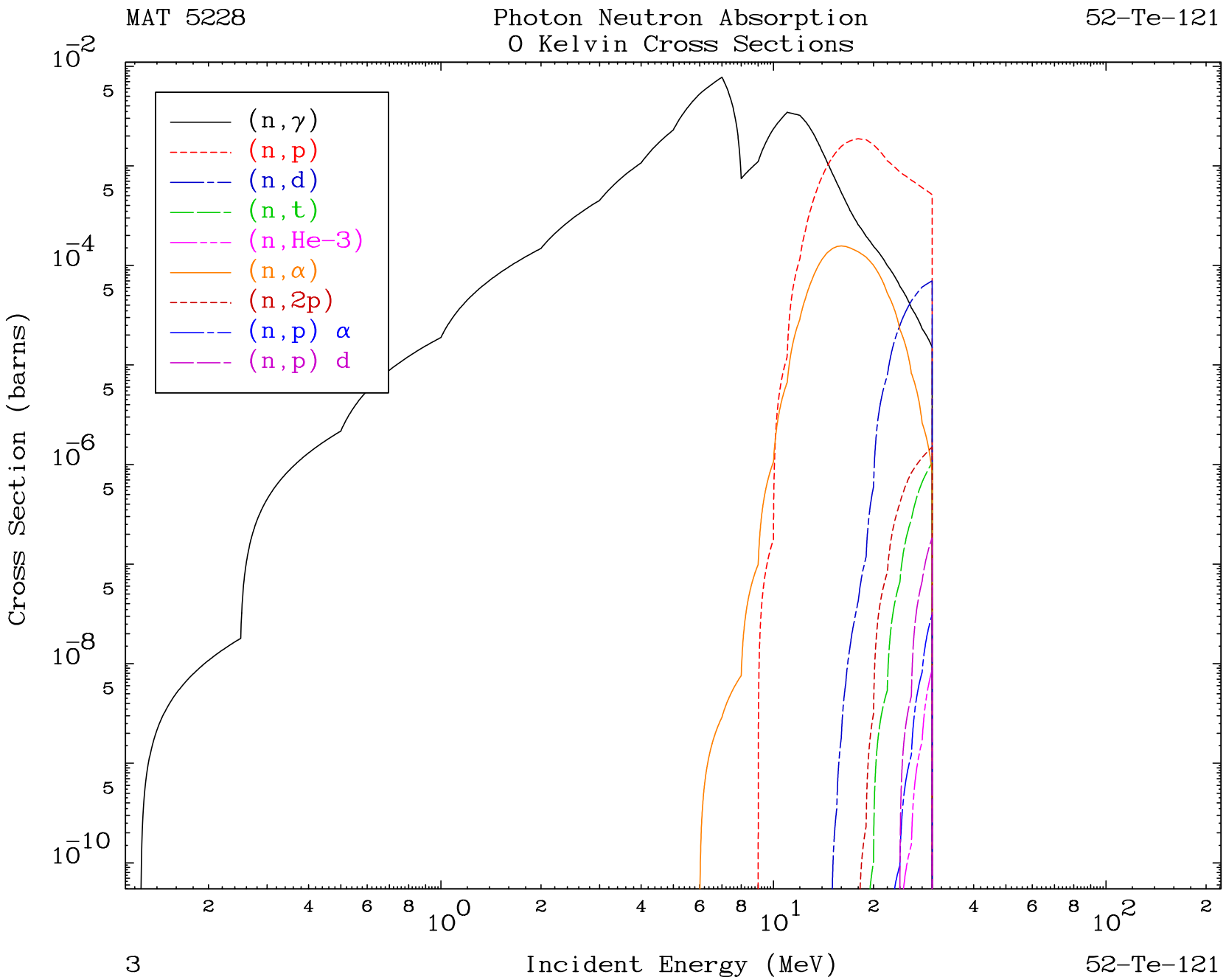
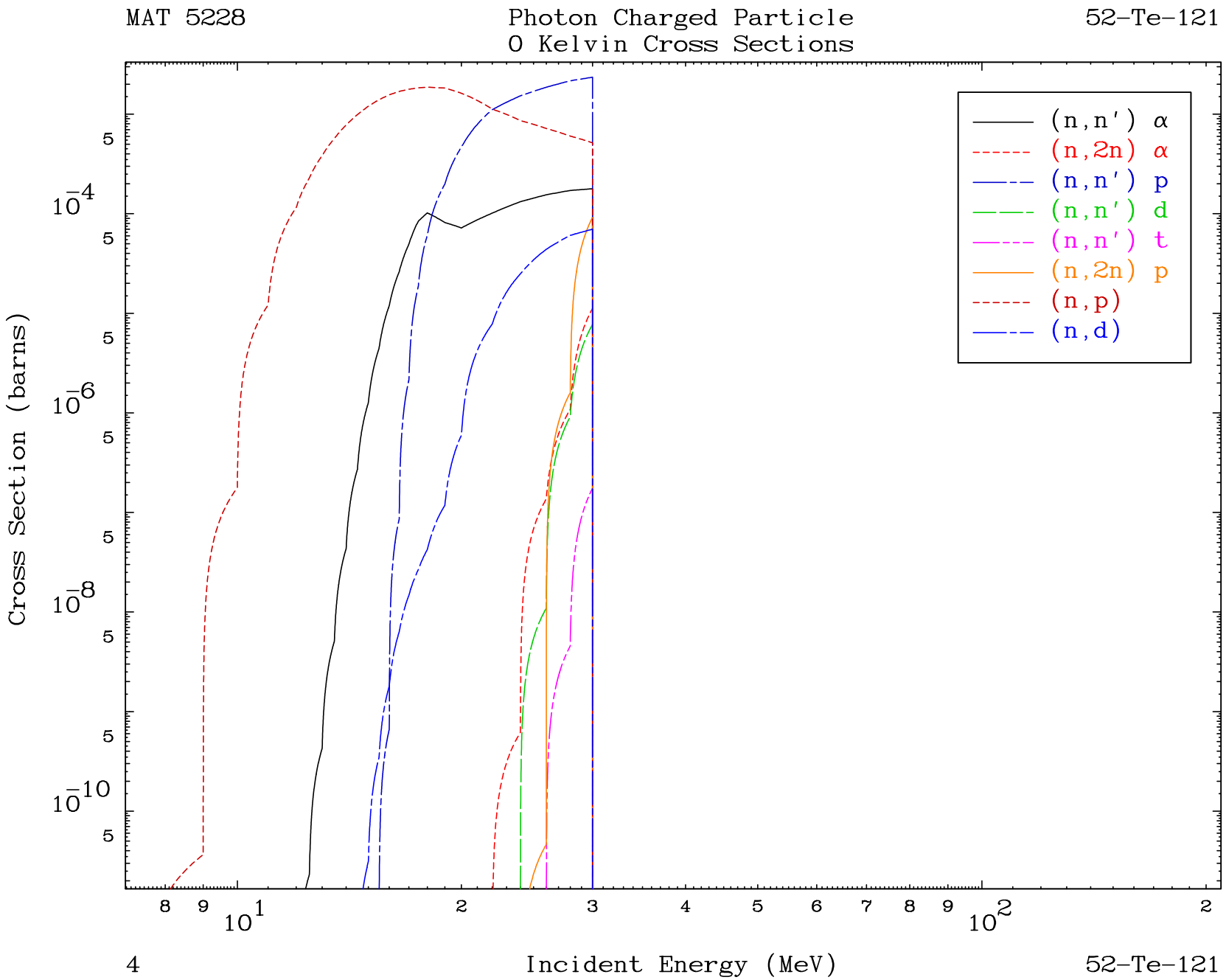
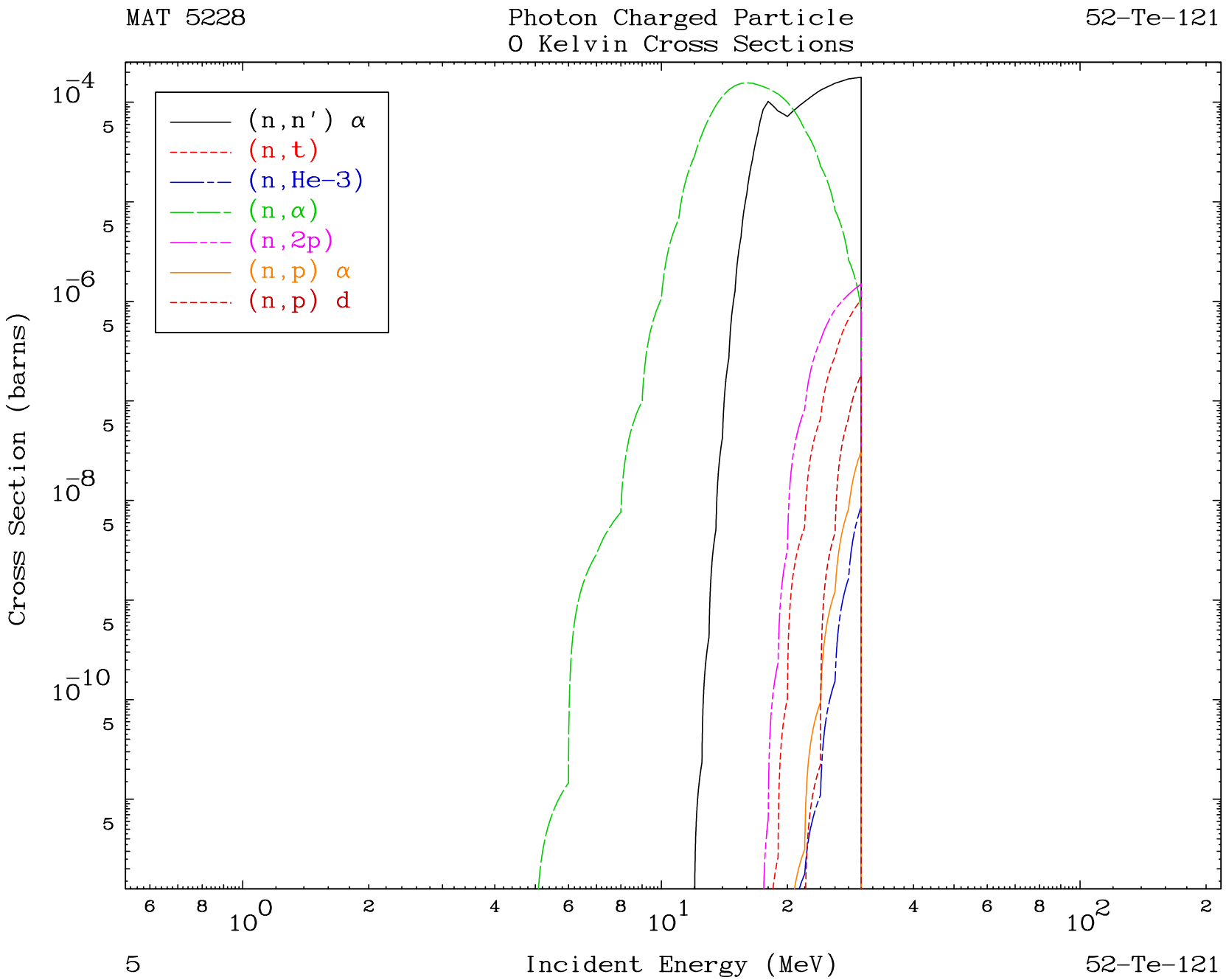
Press Mouse Button to Start

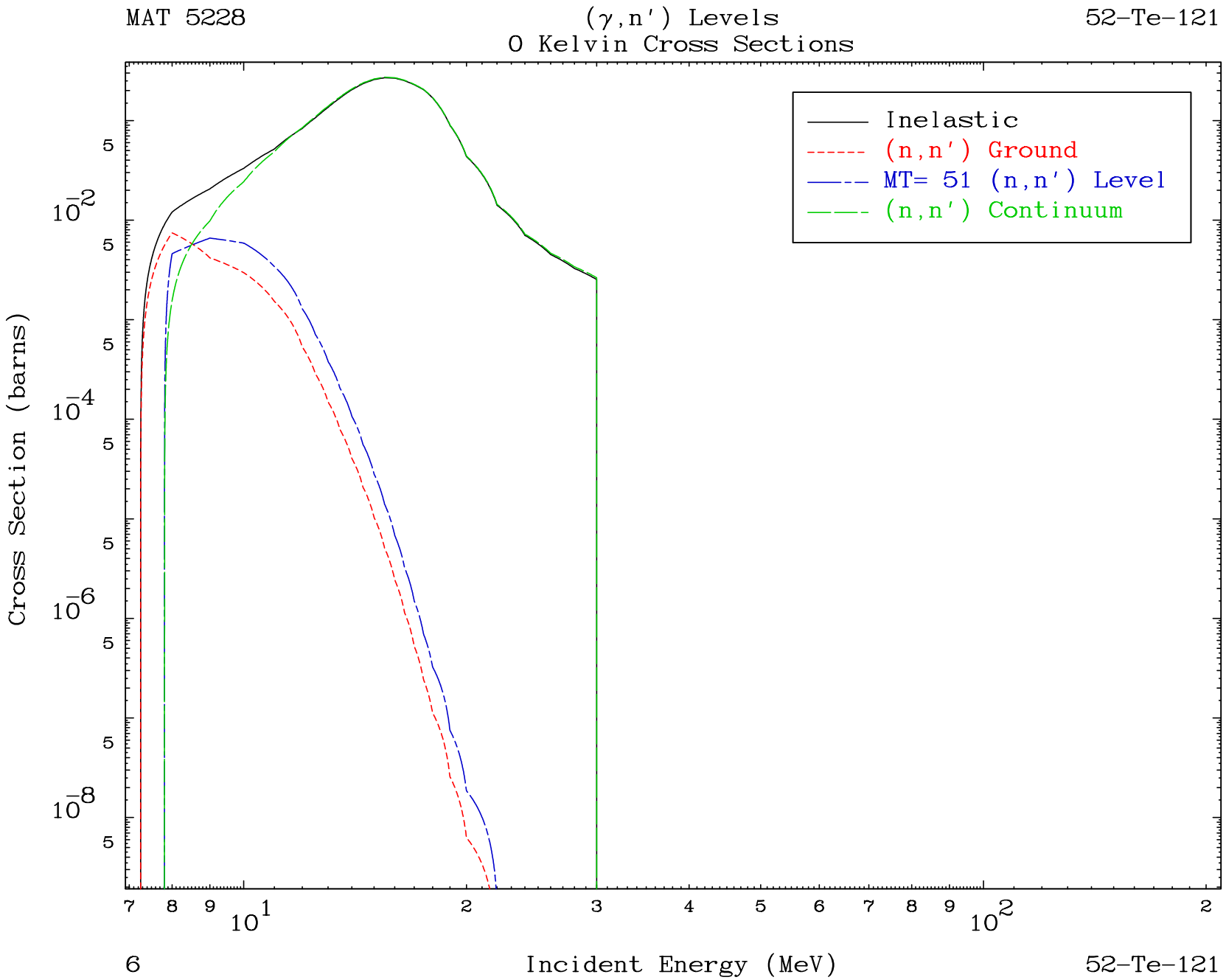

MAT 5228
Photon Major
52-Te-121
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
52-Te-121

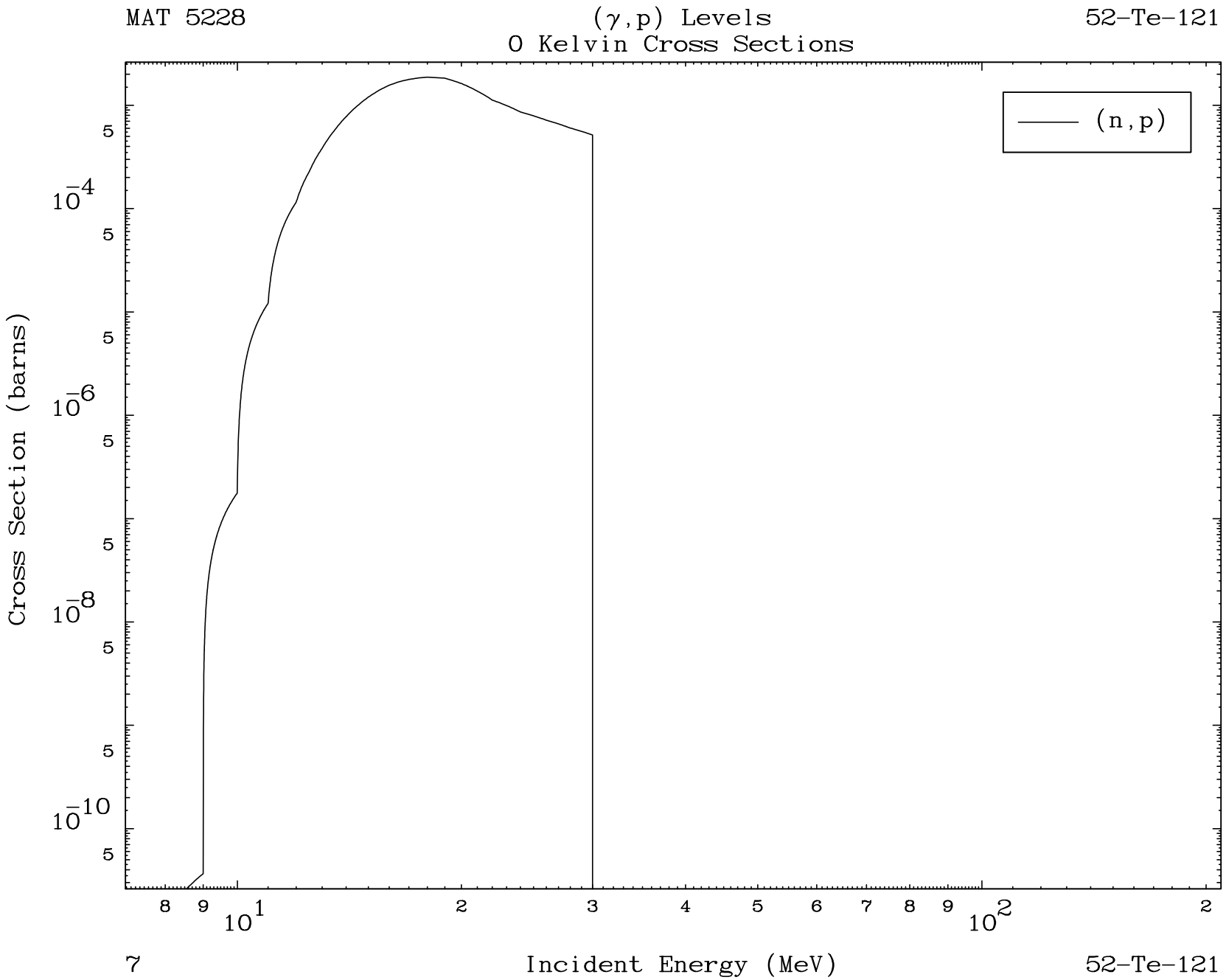

MAT 5228
Photon Neutron Absorption
0 Kelvin Cross Sections
52-Te-121
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
52-Te-121

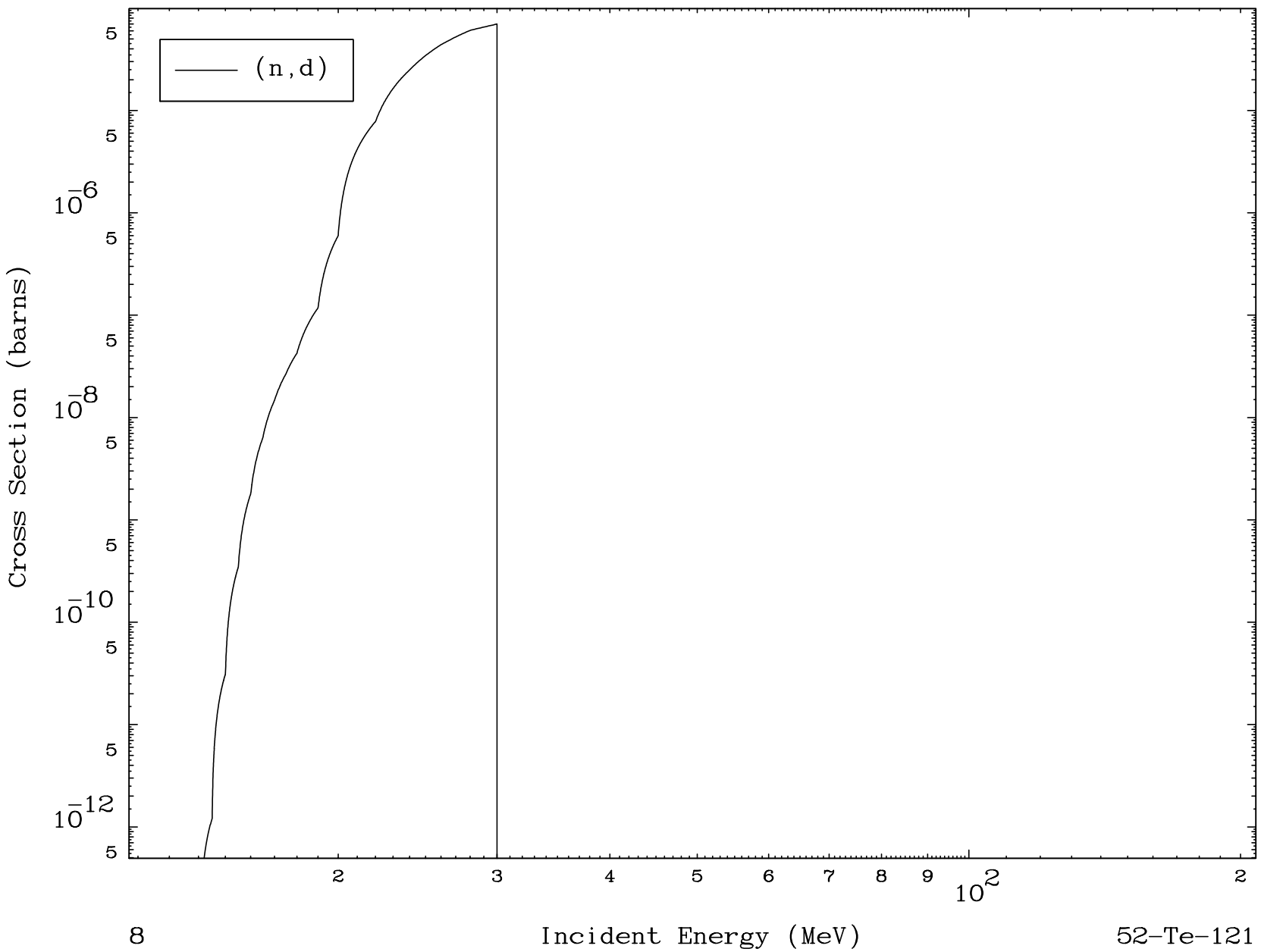

MAT 5228
Photon Neutron Absorption
0 Kelvin Cross Sections
52-Te-121
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
3
52-Te-121

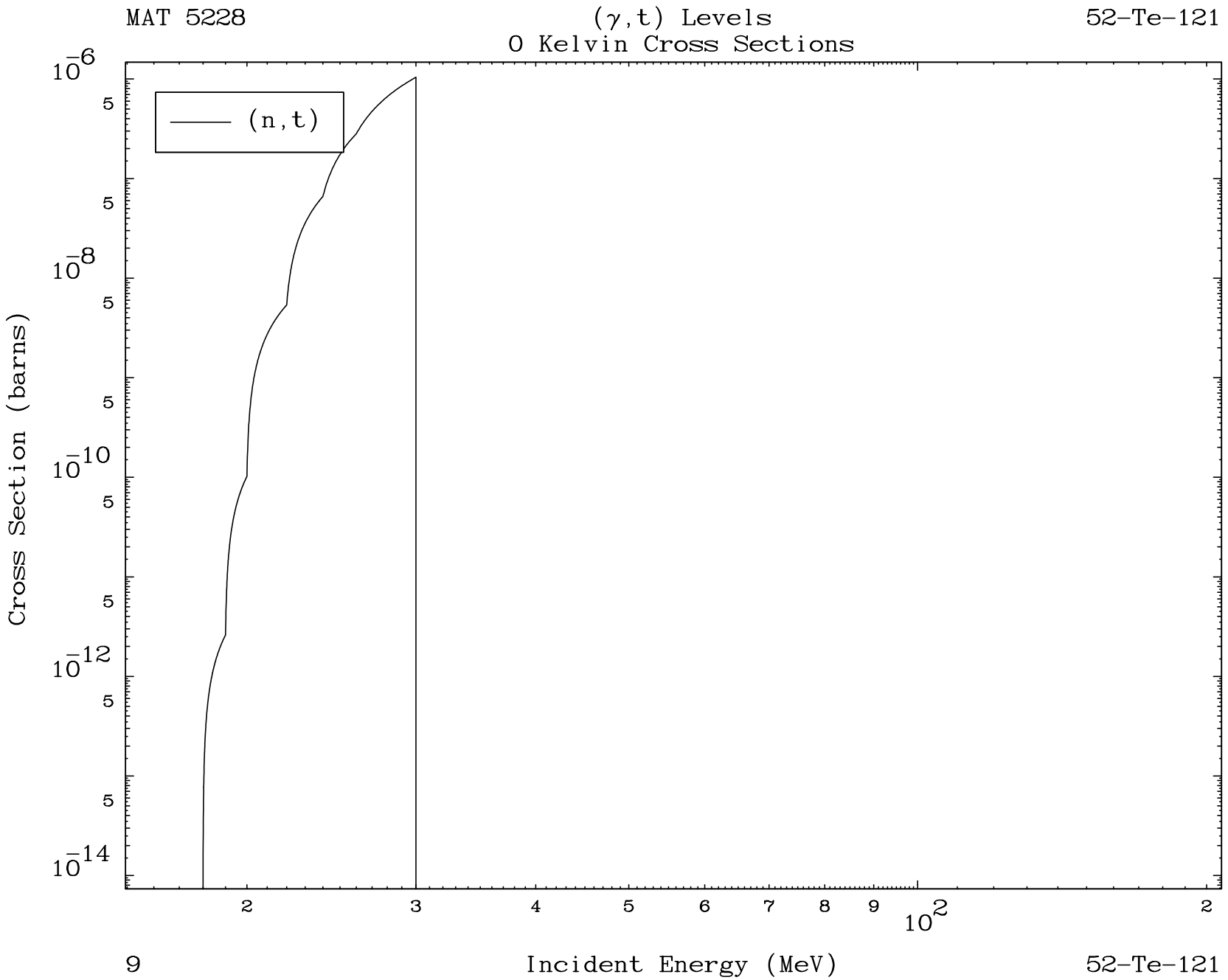

MAT 5228
Photon Charged Particle
0 Kelvin Cross Sections
52-Te-121
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
4
52-Te-121

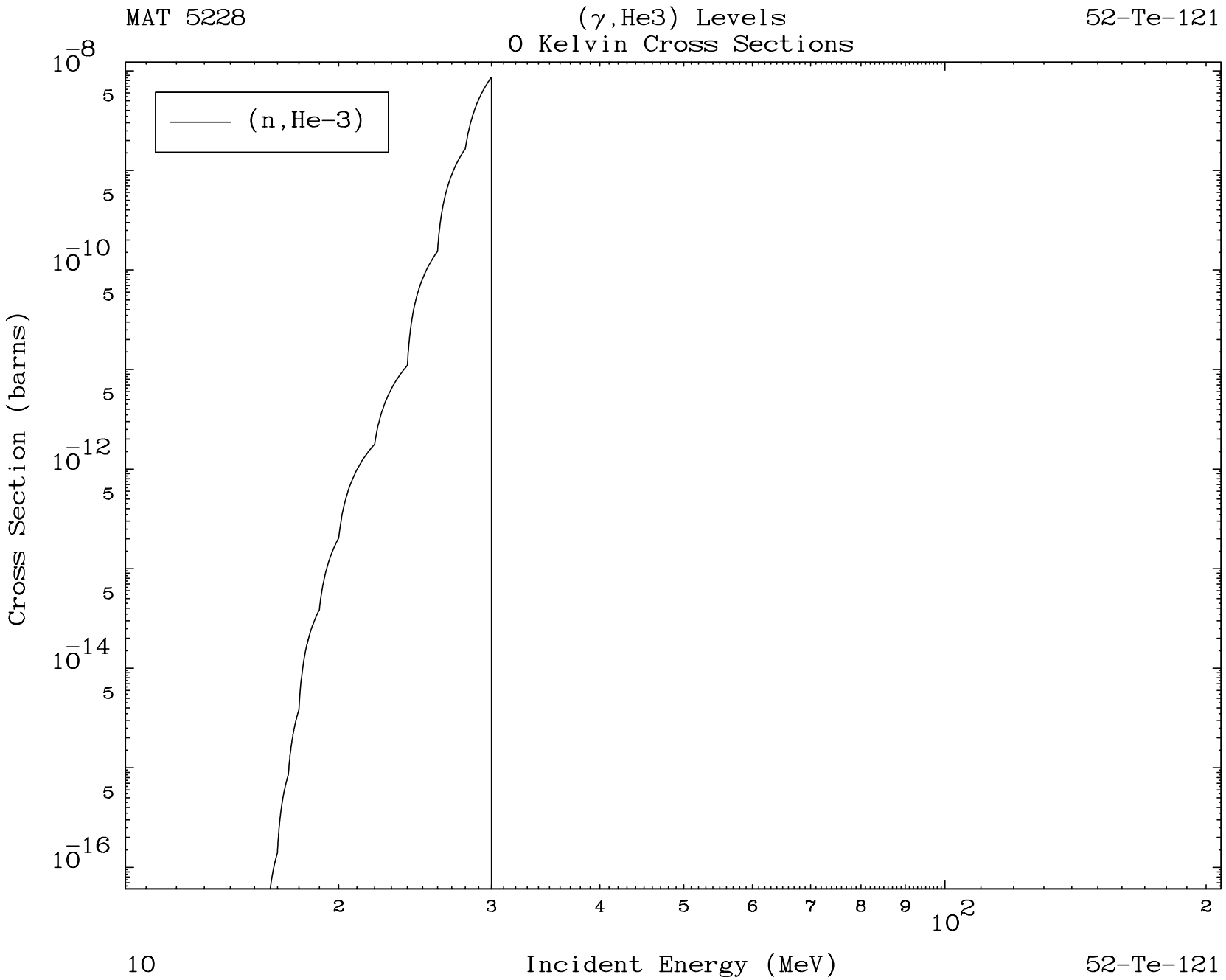

MAT 5228
Photon Charged Particle
0 Kelvin Cross Sections
52-Te-121
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
52-Te-121
5

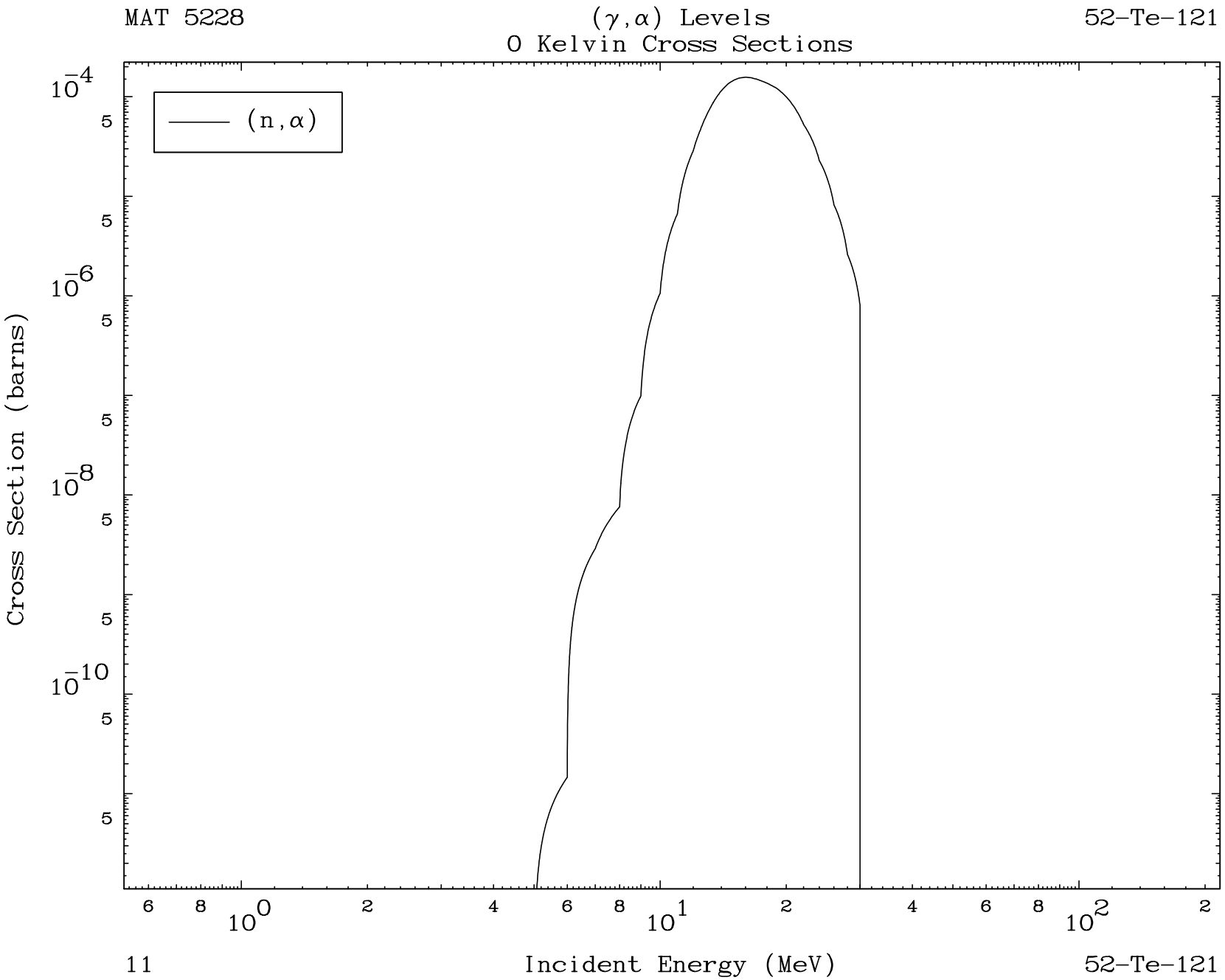

MAT 5228
(γ,n') Levels
0 Kelvin Cross Sections
52-Te-121
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
52-Te-121
6

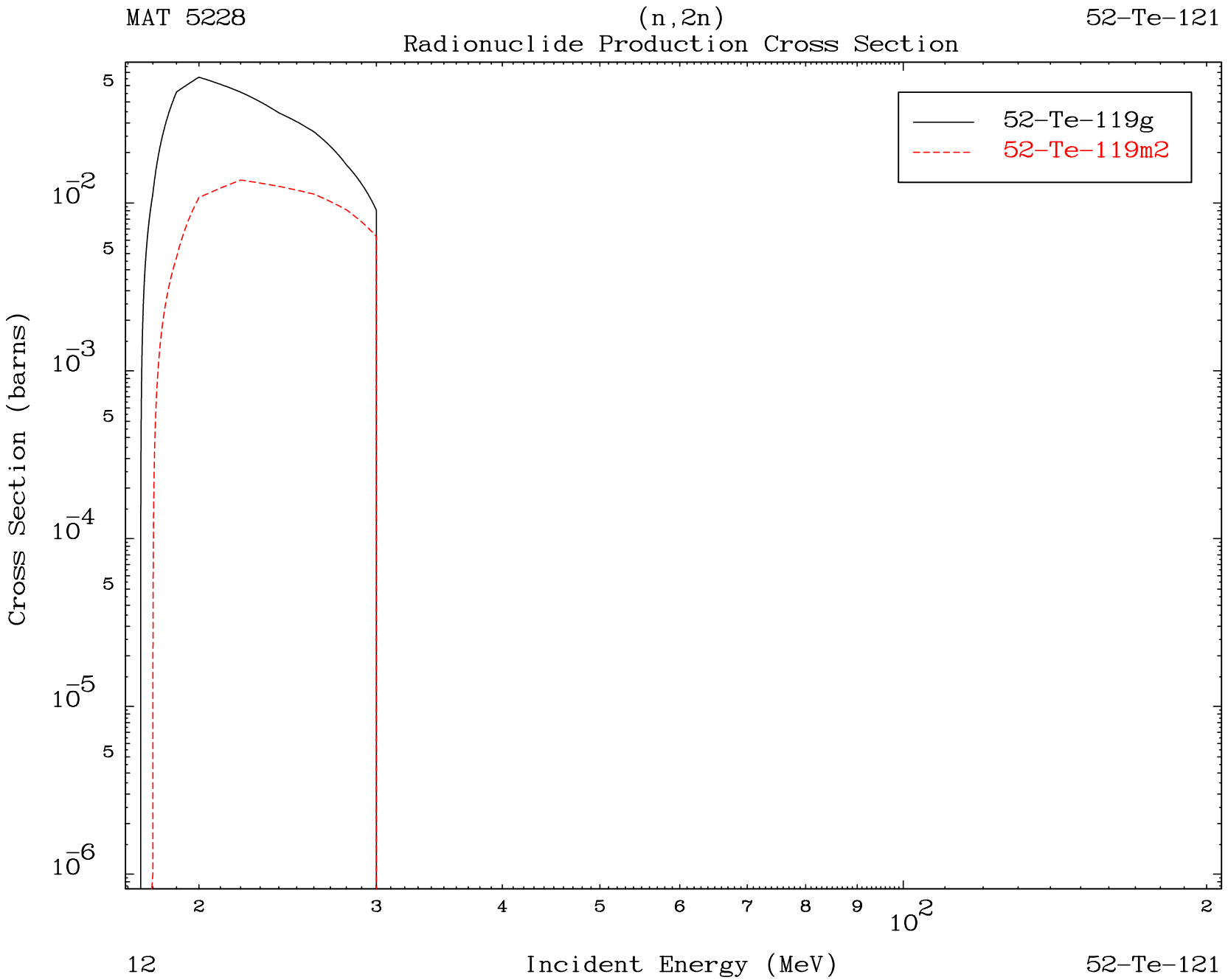

MAT 5228
(γ,p) Levels
52-Te-121
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
7
52-Te-121

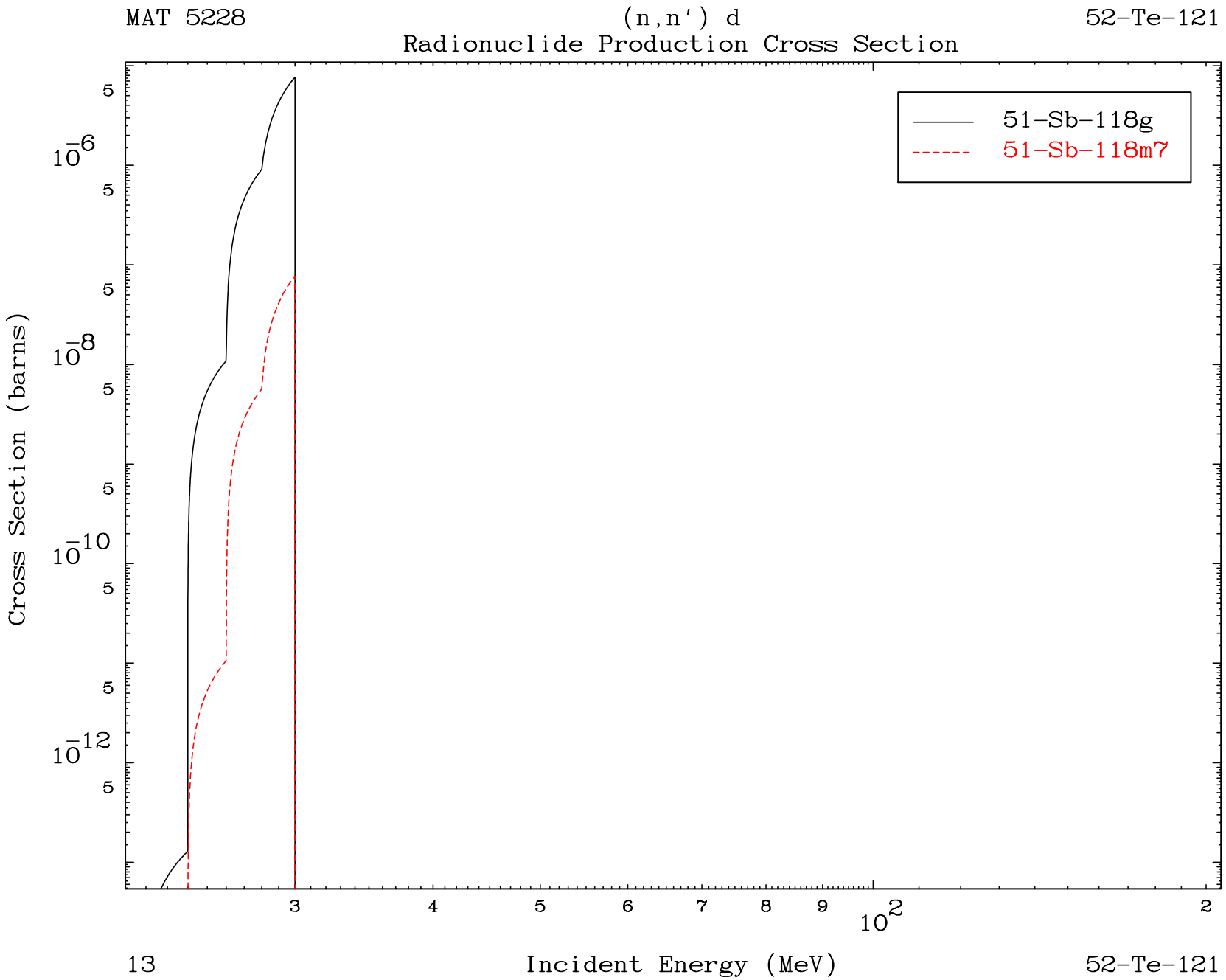

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

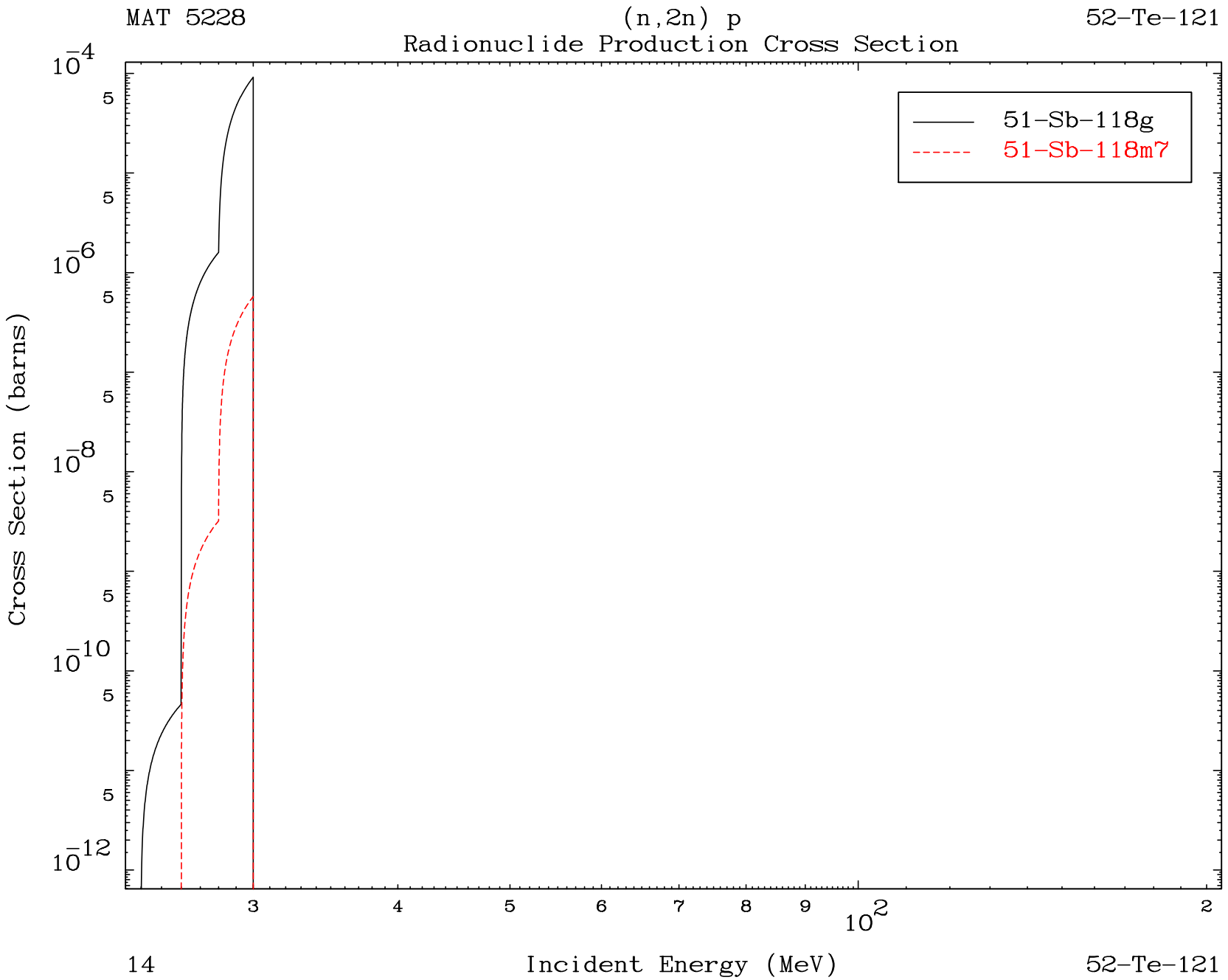

MAT 5228
(γ,t) Levels
52-Te-121
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^-14
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
9
52-Te-121

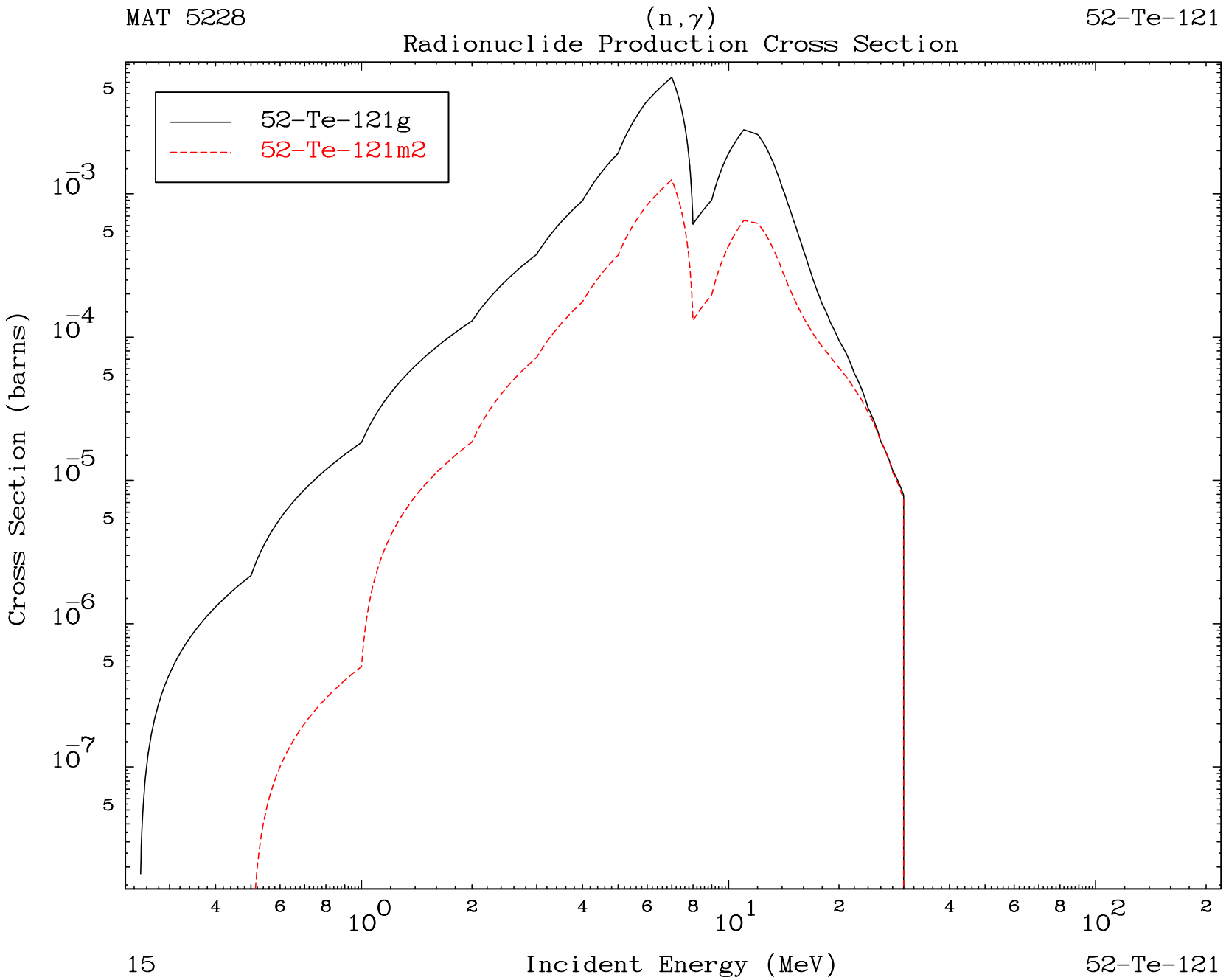

MAT 5228
(γ,He3) Levels
52-Te-121
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
10^-16
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
52-Te-121

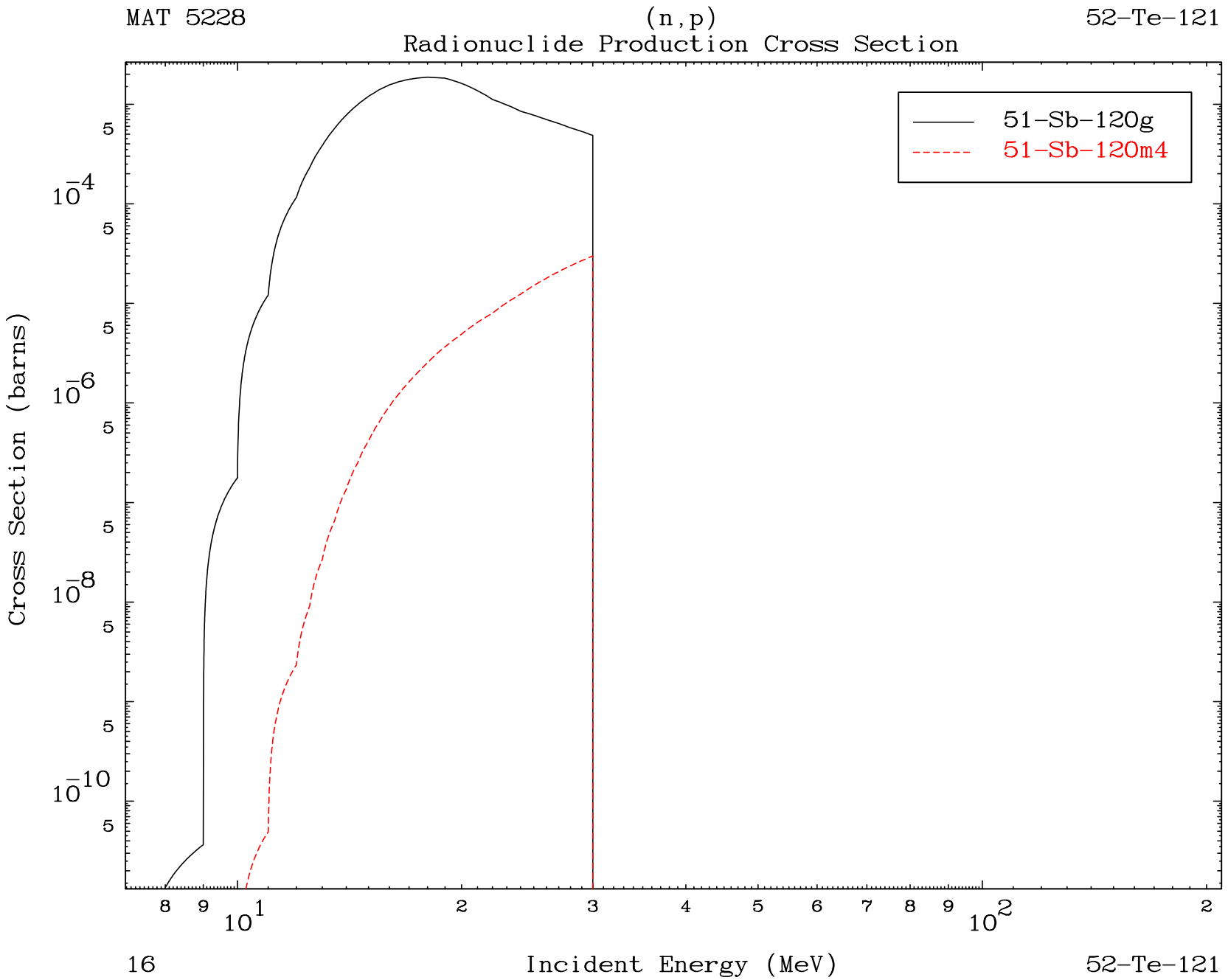

MAT 5228
(γ,α) Levels
52-Te-121
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
11
52-Te-121

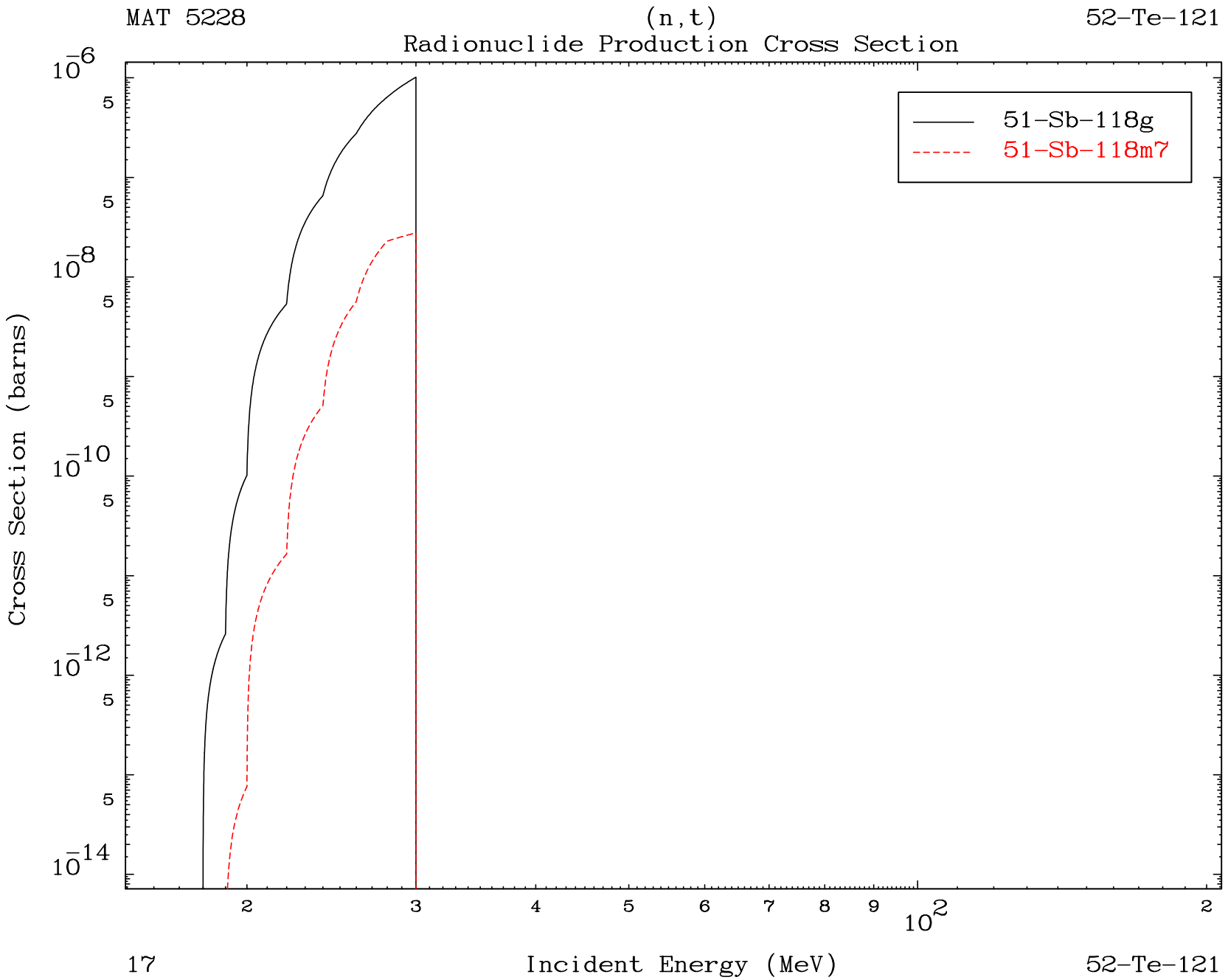

MAT 5228
(n,2n)
52-Te-121
Radionuclide Production Cross Section
52-Te-119g
52-Te-119m2
Cross Section (barns)
Incident Energy (MeV)
12
52-Te-121

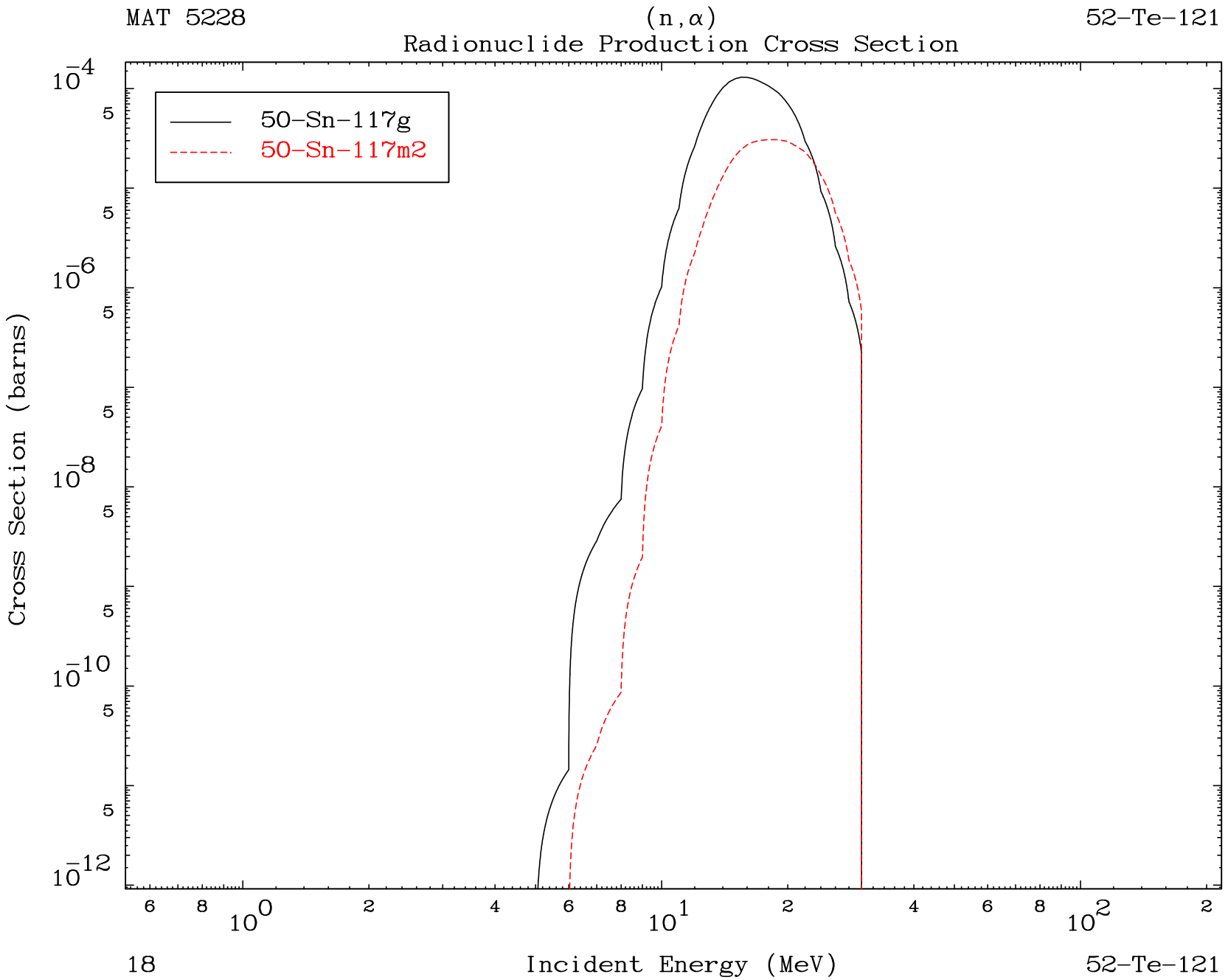

MAT 5228
(n,n') d
52-Te-121
Radionuclide Production Cross Section
51-Sb-118g
51-Sb-118m7
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
52-Te-121

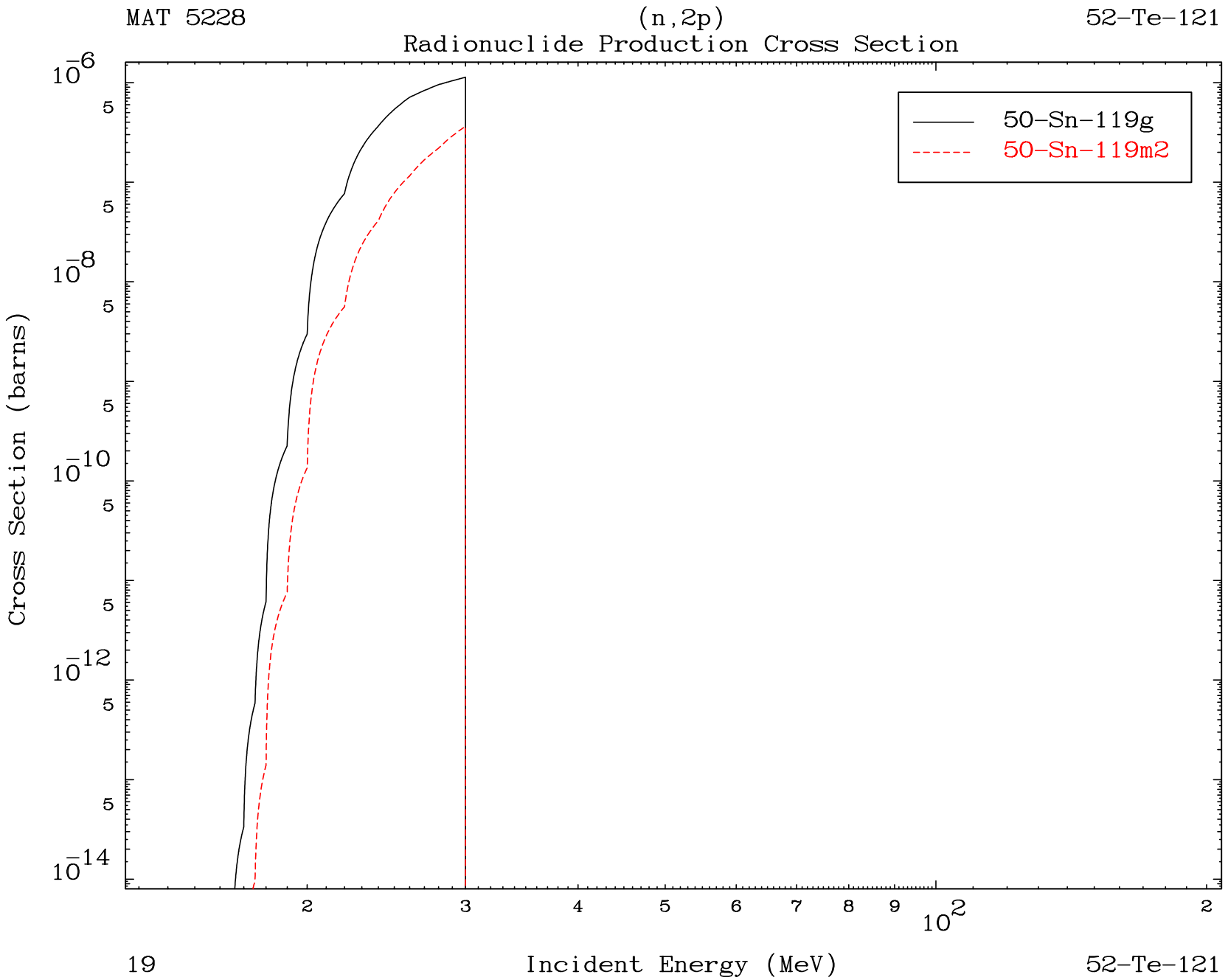

MAT 5228
(n,2n) p
52-Te-121
Radionuclide Production Cross Section
51-Sb-118g
51-Sb-118m7
Cross Section (barns)
Incident Energy (MeV)
14
52-Te-121

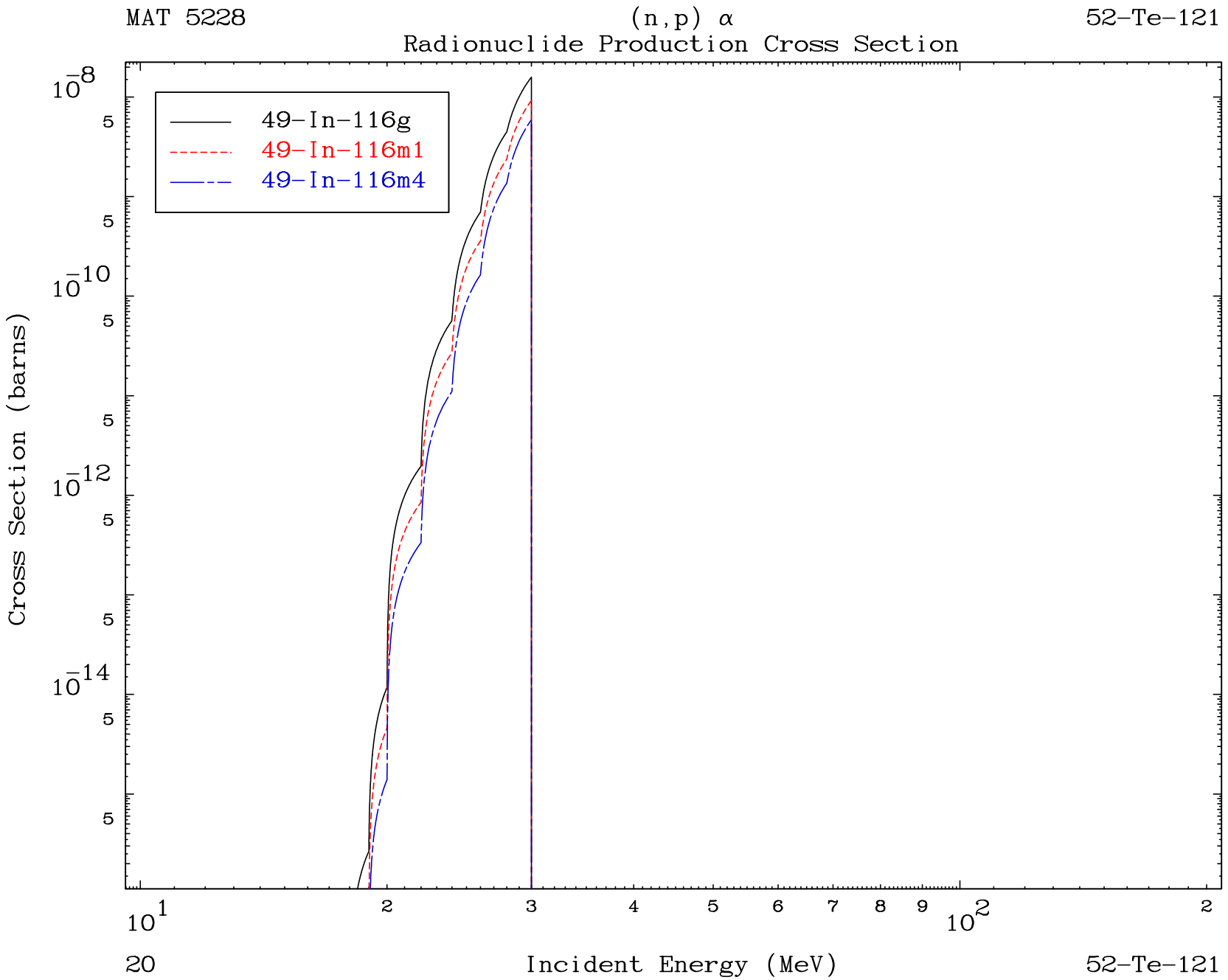

MAT 5228
(n,γ)
52-Te-121
Radionuclide Production Cross Section
52-Te-121g
52-Te-121m2
Cross Section (barns)
Incident Energy (MeV)
15
52-Te-121


MAT 5228
(n,p)
52-Te-121
Radionuclide Production Cross Section
51-Sb-120g
51-Sb-120m4
Cross Section (barns)
10-4
10-6
10-8
10-10
8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
16
Incident Energy (MeV)
52-Te-121


MAT 5228
(n,t)
52-Te-121
Radionuclide Production Cross Section
51-Sb-118g
51-Sb-118m7
Cross Section (barns)
Incident Energy (MeV)
17
52-Te-121


MAT 5228
(n,α)
52-Te-121
Radionuclide Production Cross Section
50-Sn-117g
50-Sn-117m2
Cross Section (barns)
Incident Energy (MeV)
18
52-Te-121


MAT 5228
(n,2p)
52-Te-121
Radionuclide Production Cross Section
50-Sn-119g
50-Sn-119m2
Cross Section (barns)
Incident Energy (MeV)
19
52-Te-121


MAT 5228
(n,p) α
52-Te-121
Radionuclide Production Cross Section
49-In-116g
49-In-116m1
49-In-116m4
Cross Section (barns)
Incident Energy (MeV)
52-Te-121
20