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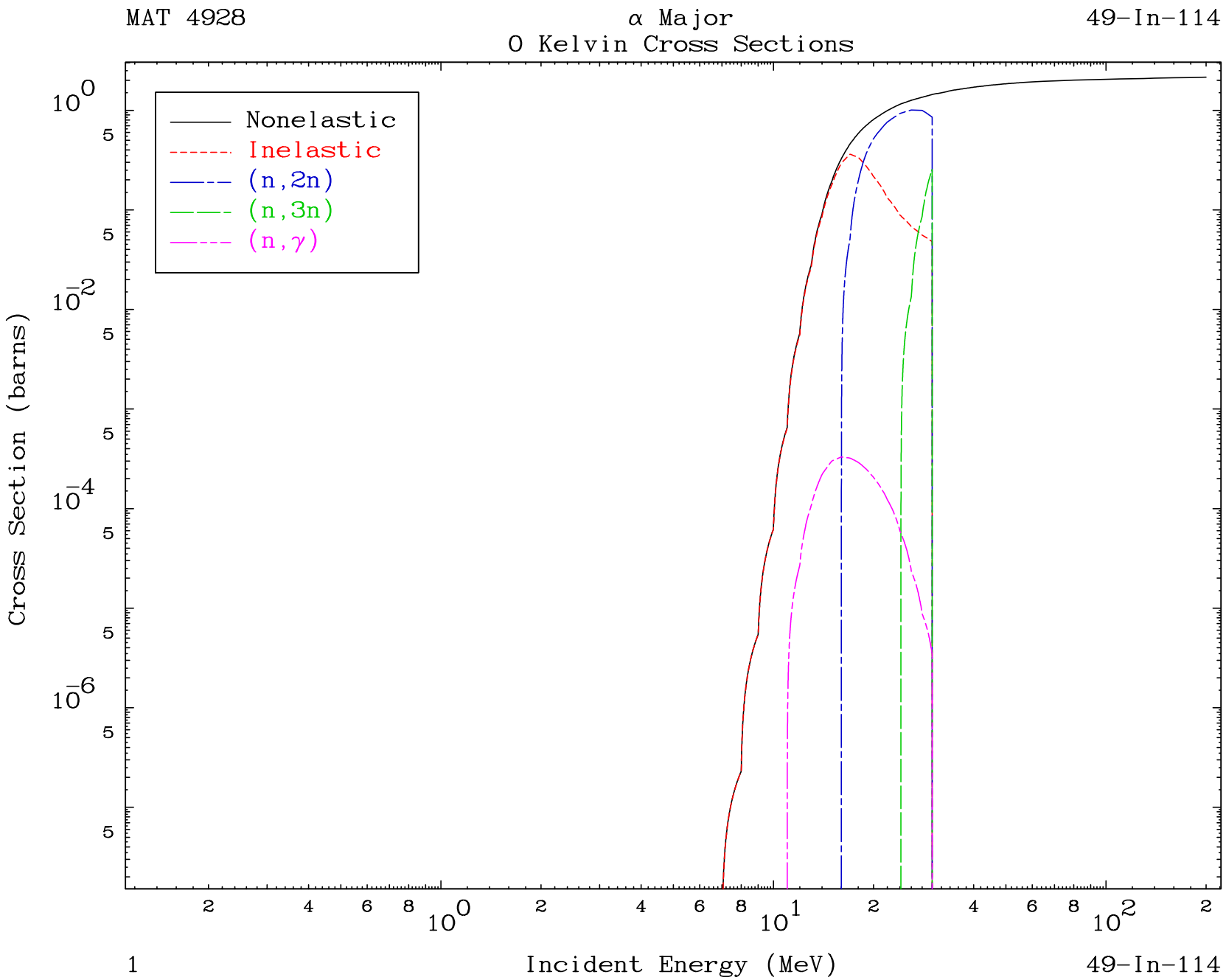
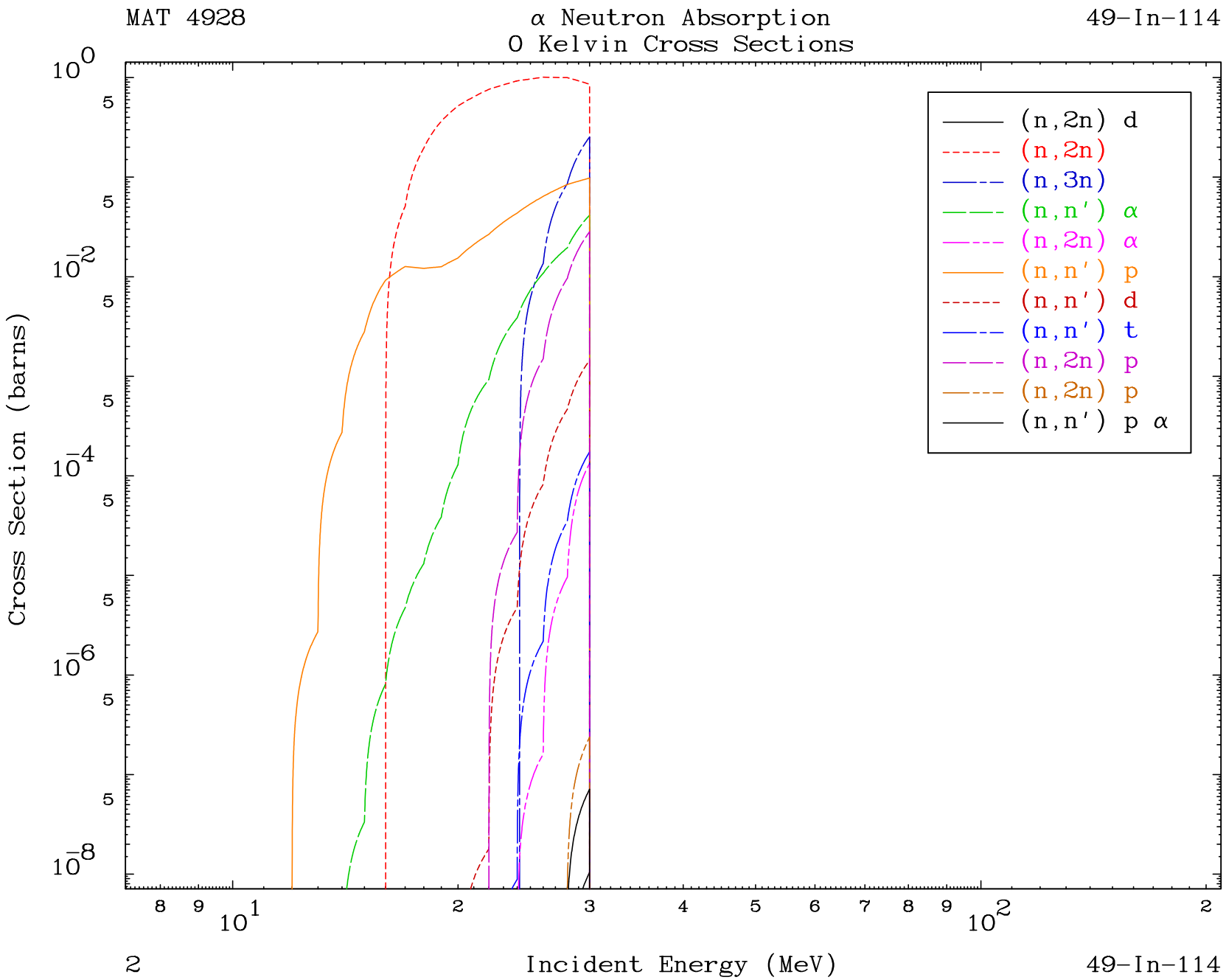
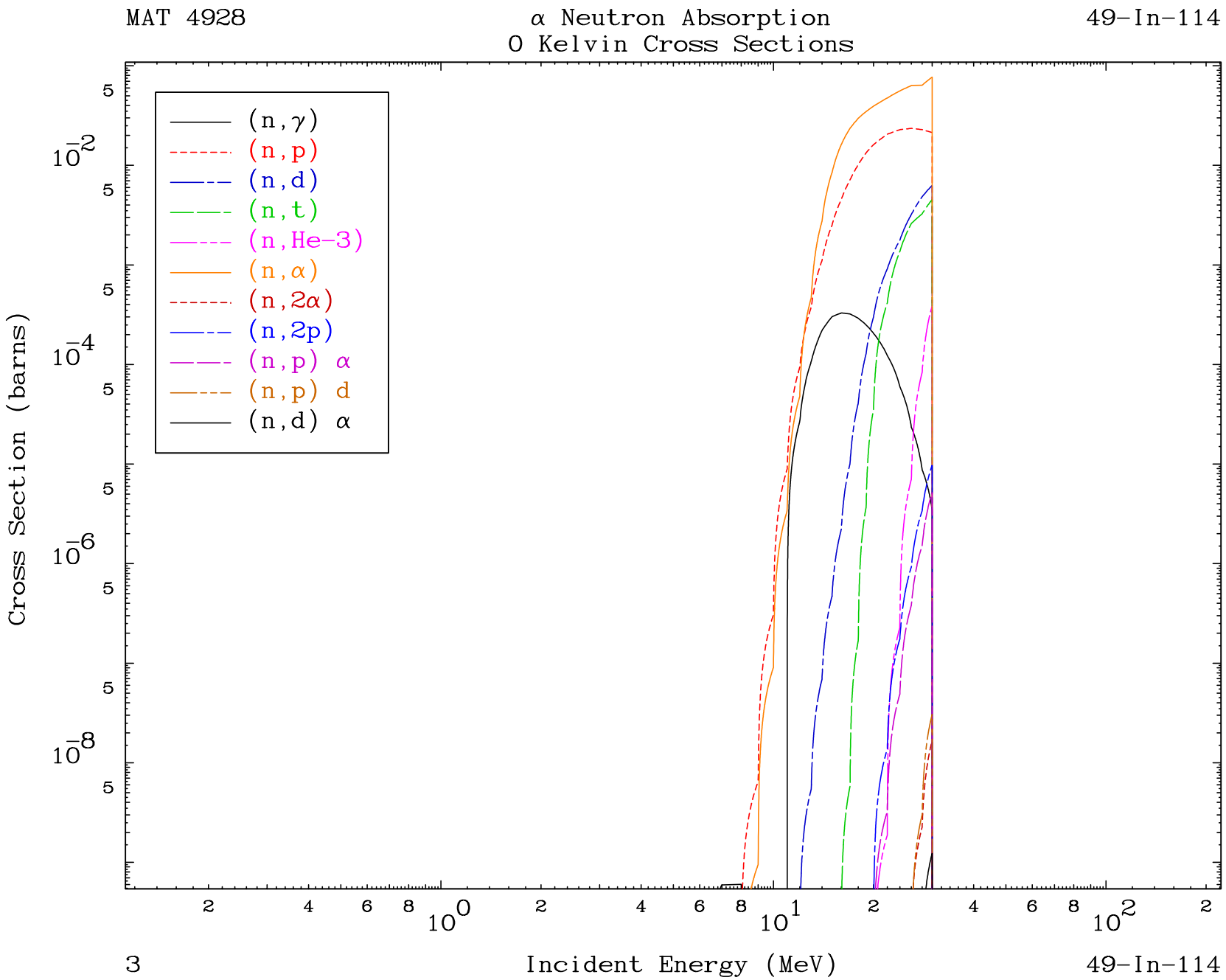
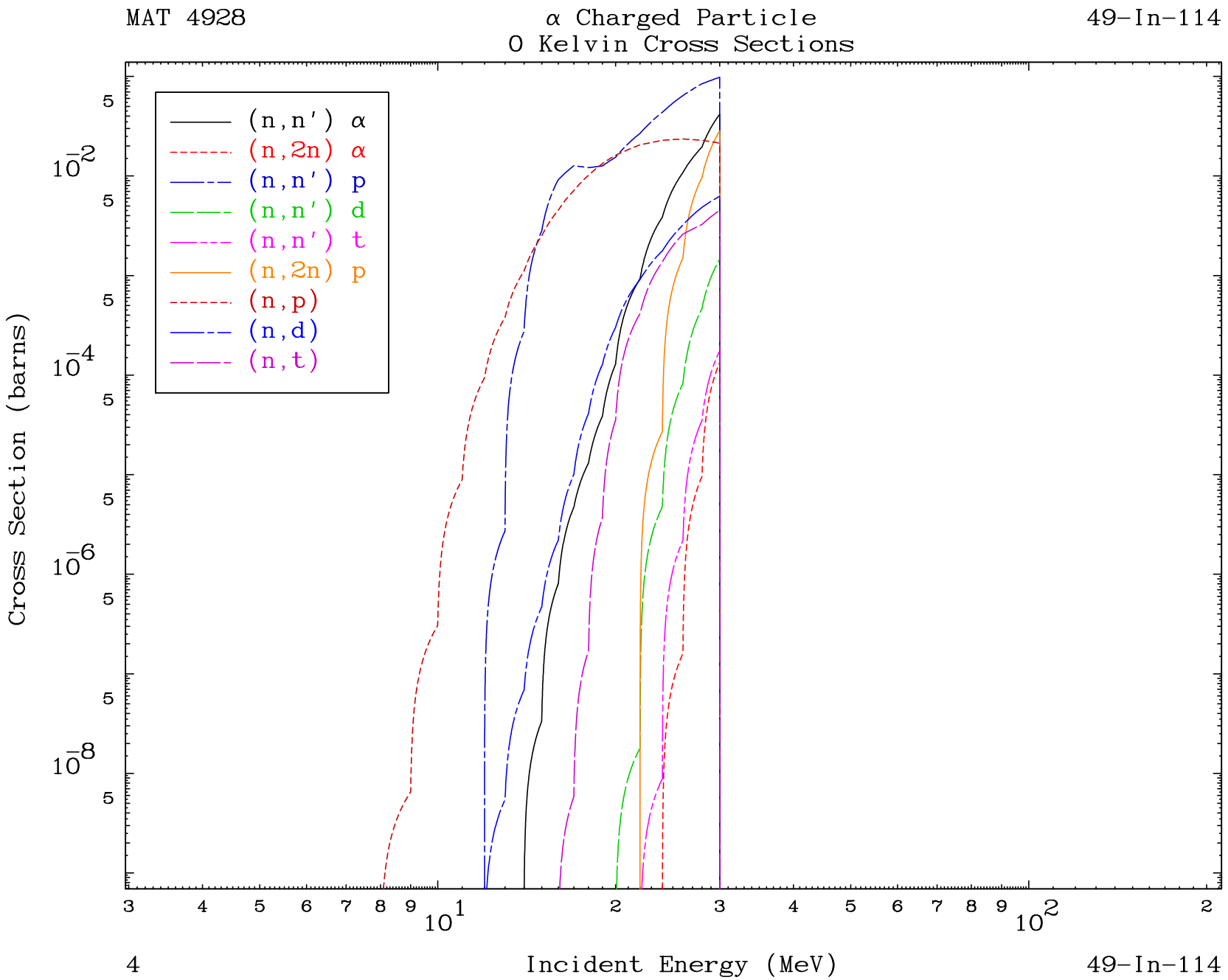
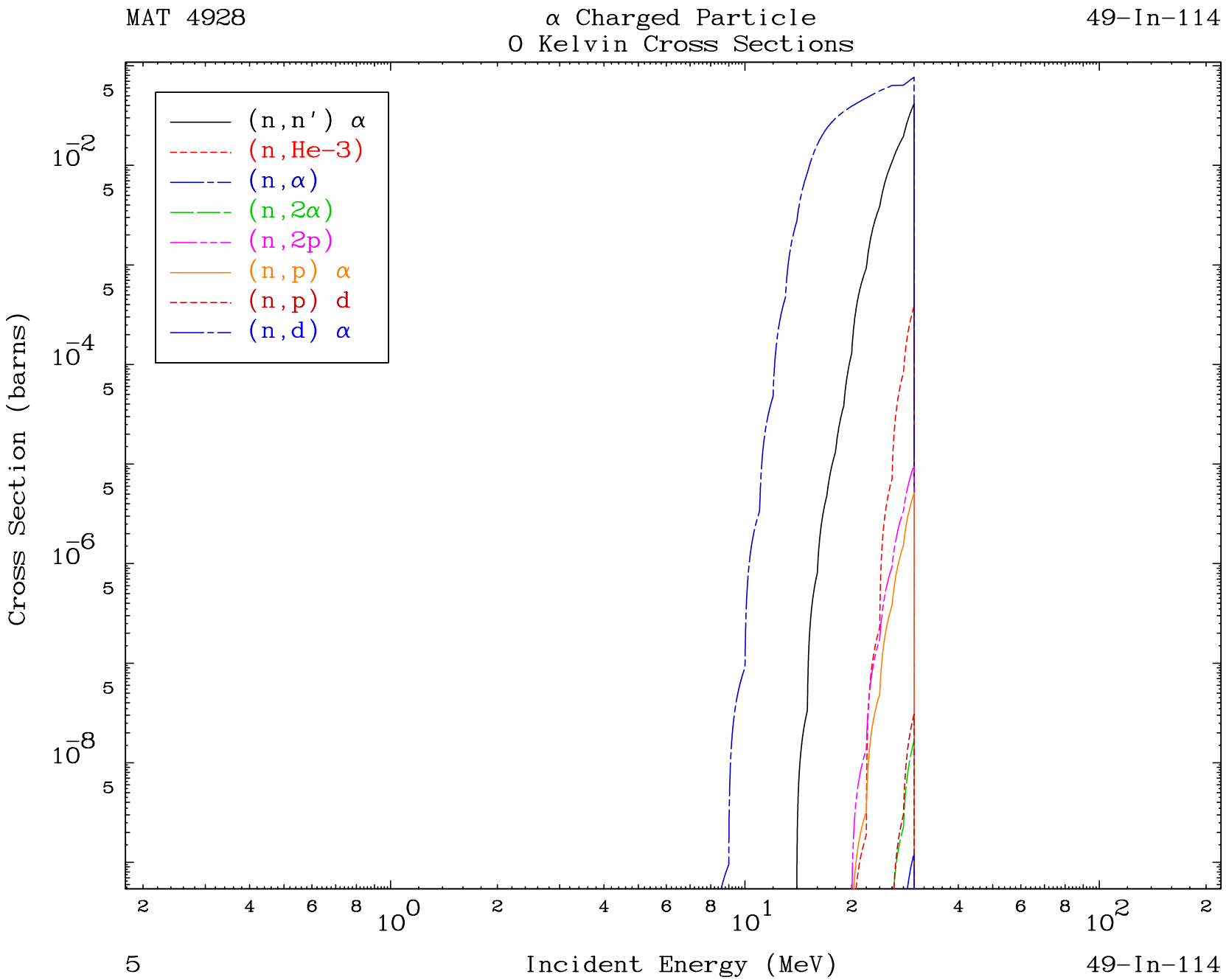
Press Mouse Button to Start

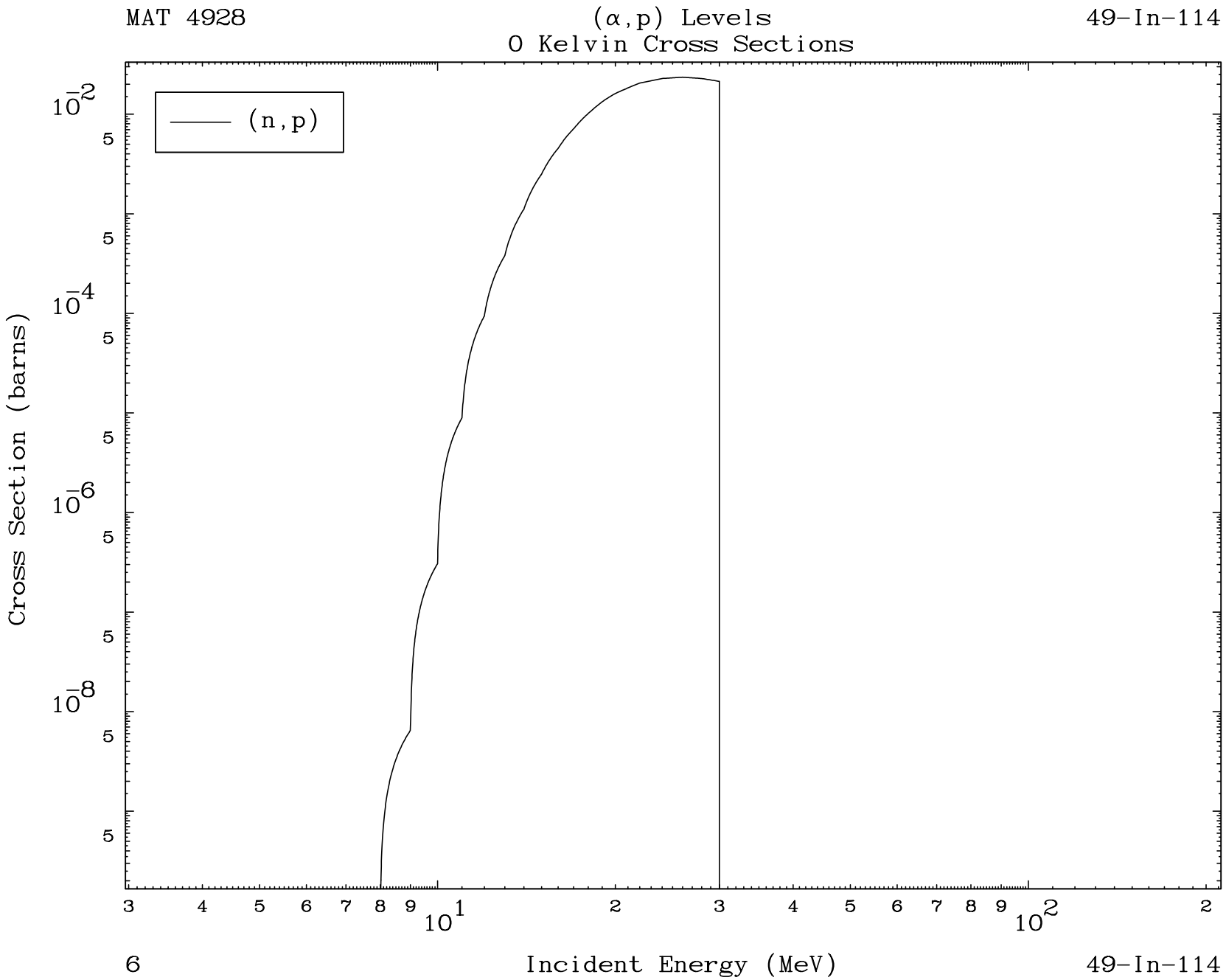

MAT 4928
α Major
49-In-114
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
49-In-114
1

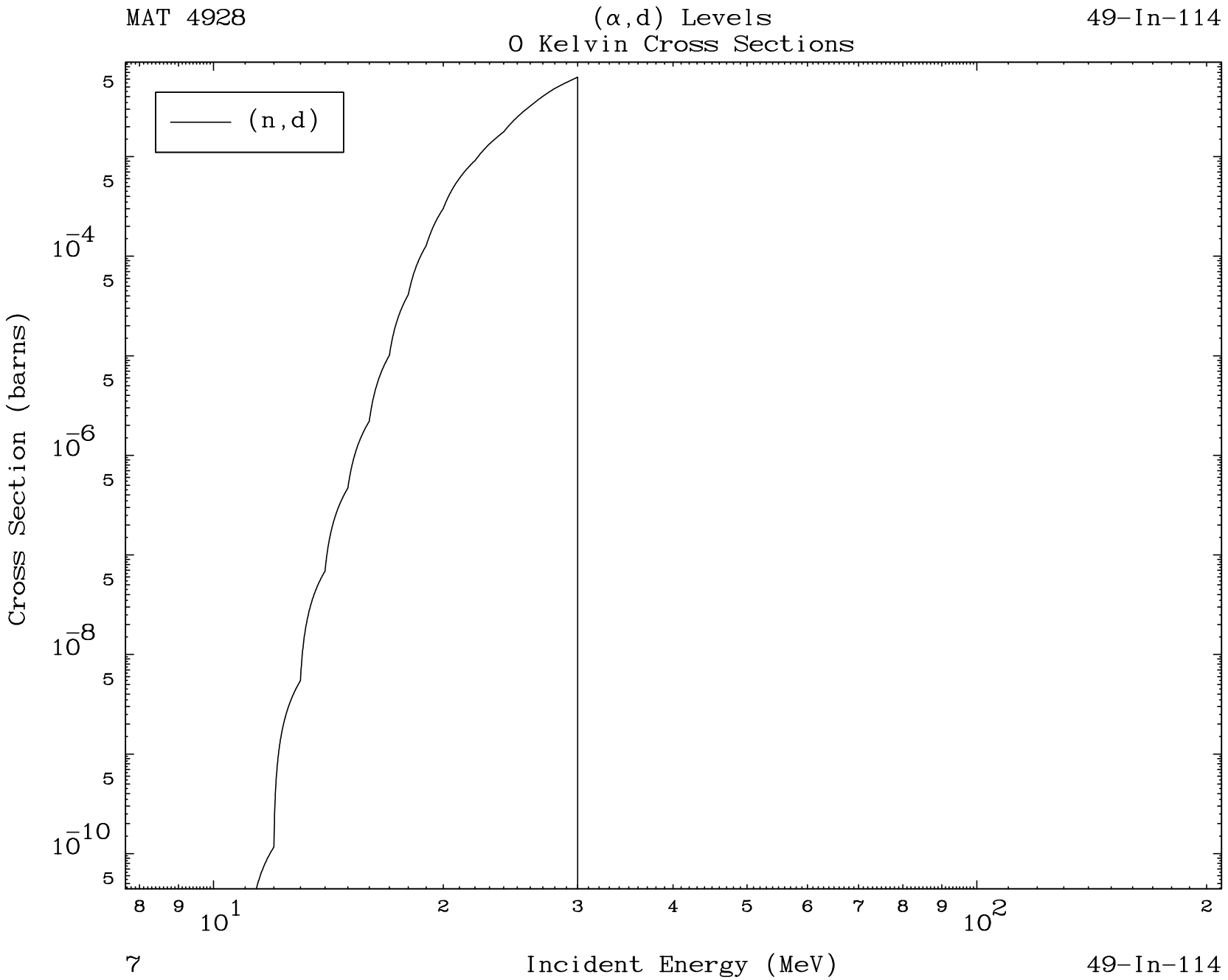

MAT 4928
α Neutron Absorption
0 Kelvin Cross Sections
49-In-114
Cross Section (barns)
Incident Energy (MeV)
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,2n) p
(n,n') p α

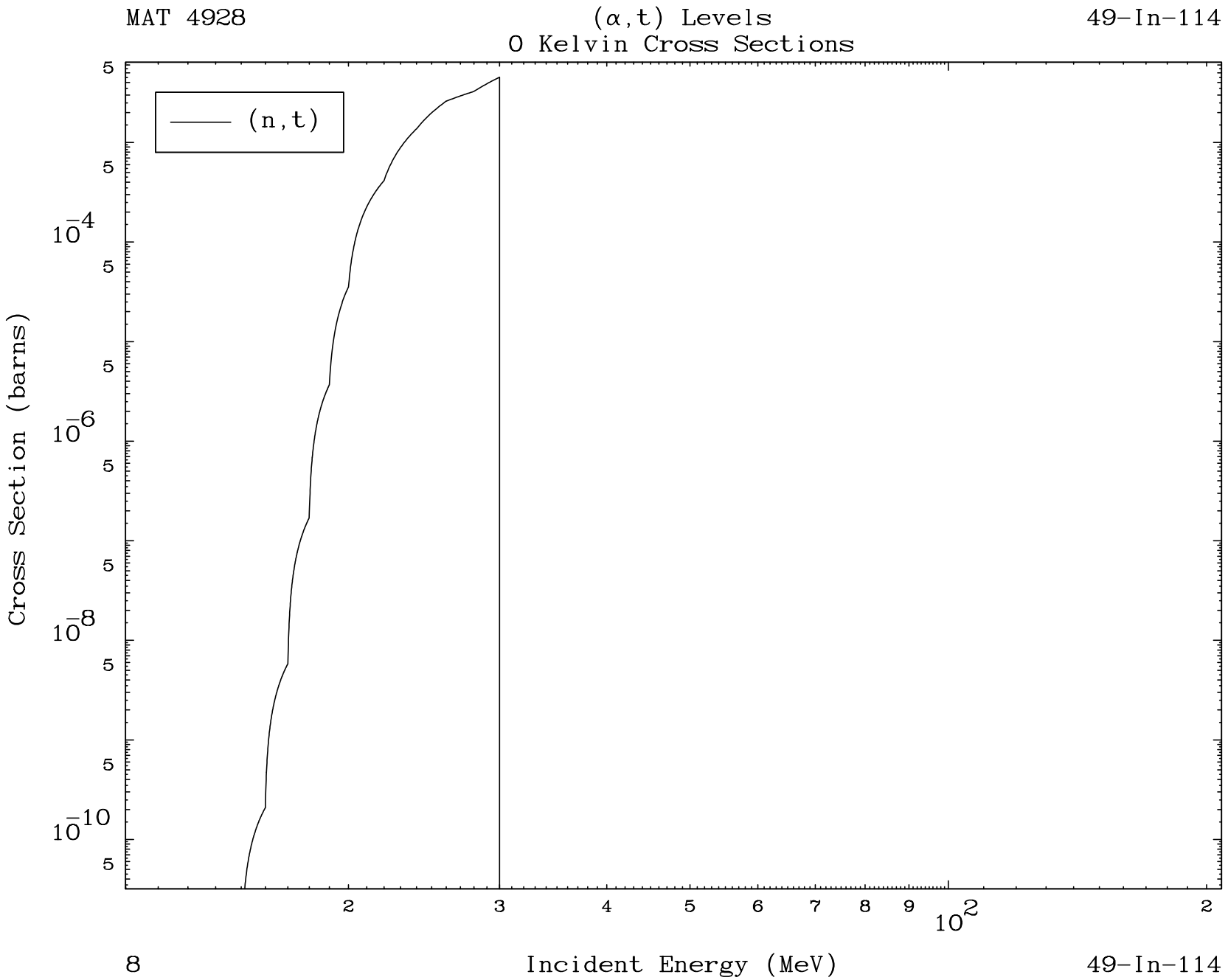

MAT 4928
α Neutron Absorption
0 Kelvin Cross Sections
49-In-114
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
49-In-114

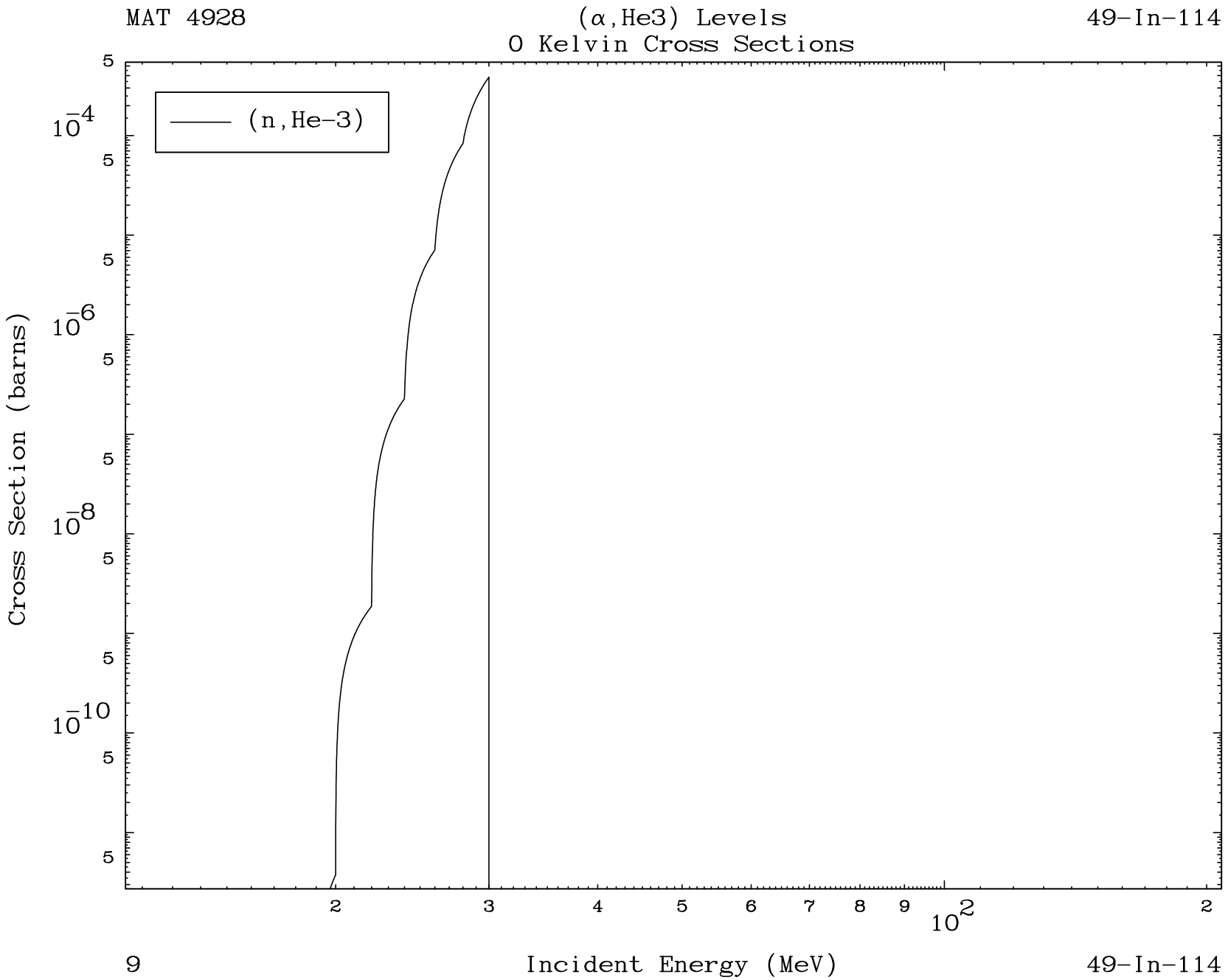

MAT 4928
α Charged Particle
0 Kelvin Cross Sections
49-In-114
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
(n,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
4
49-In-114

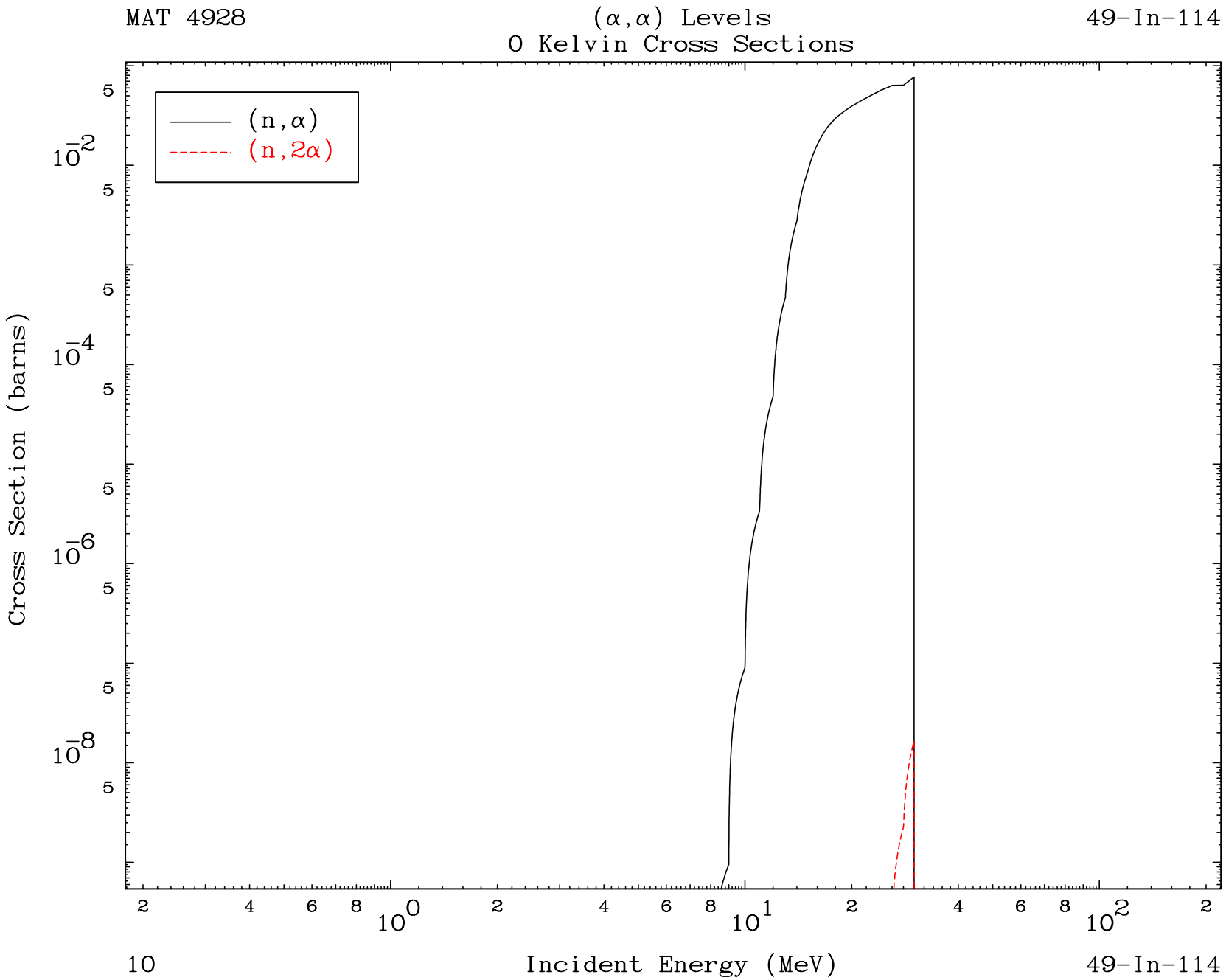

MAT 4928
α Charged Particle
0 Kelvin Cross Sections
49-In-114
(n,n') α
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
49-In-114

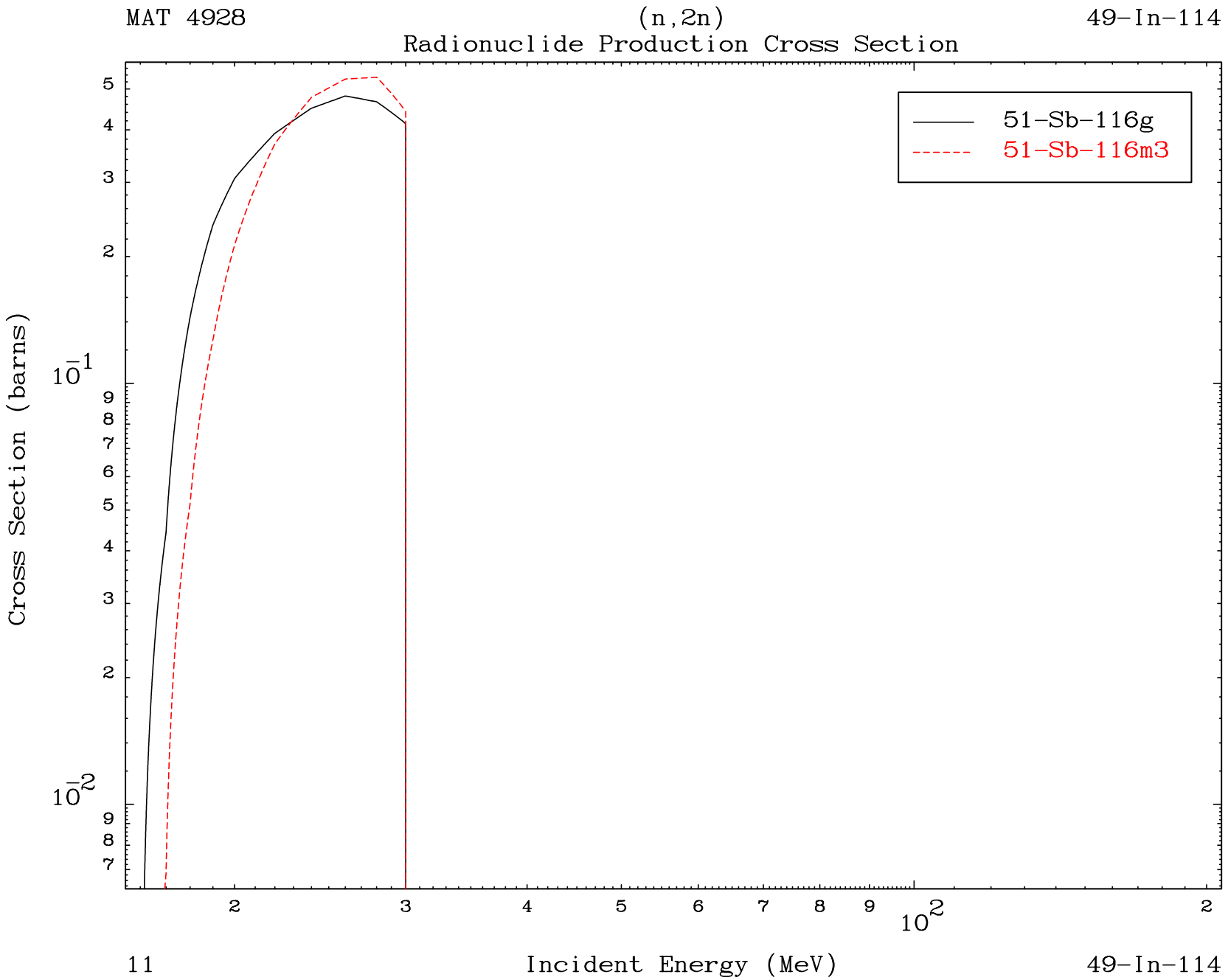

MAT 4928
(α,p) Levels
49-In-114
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
3 4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
6
49-In-114

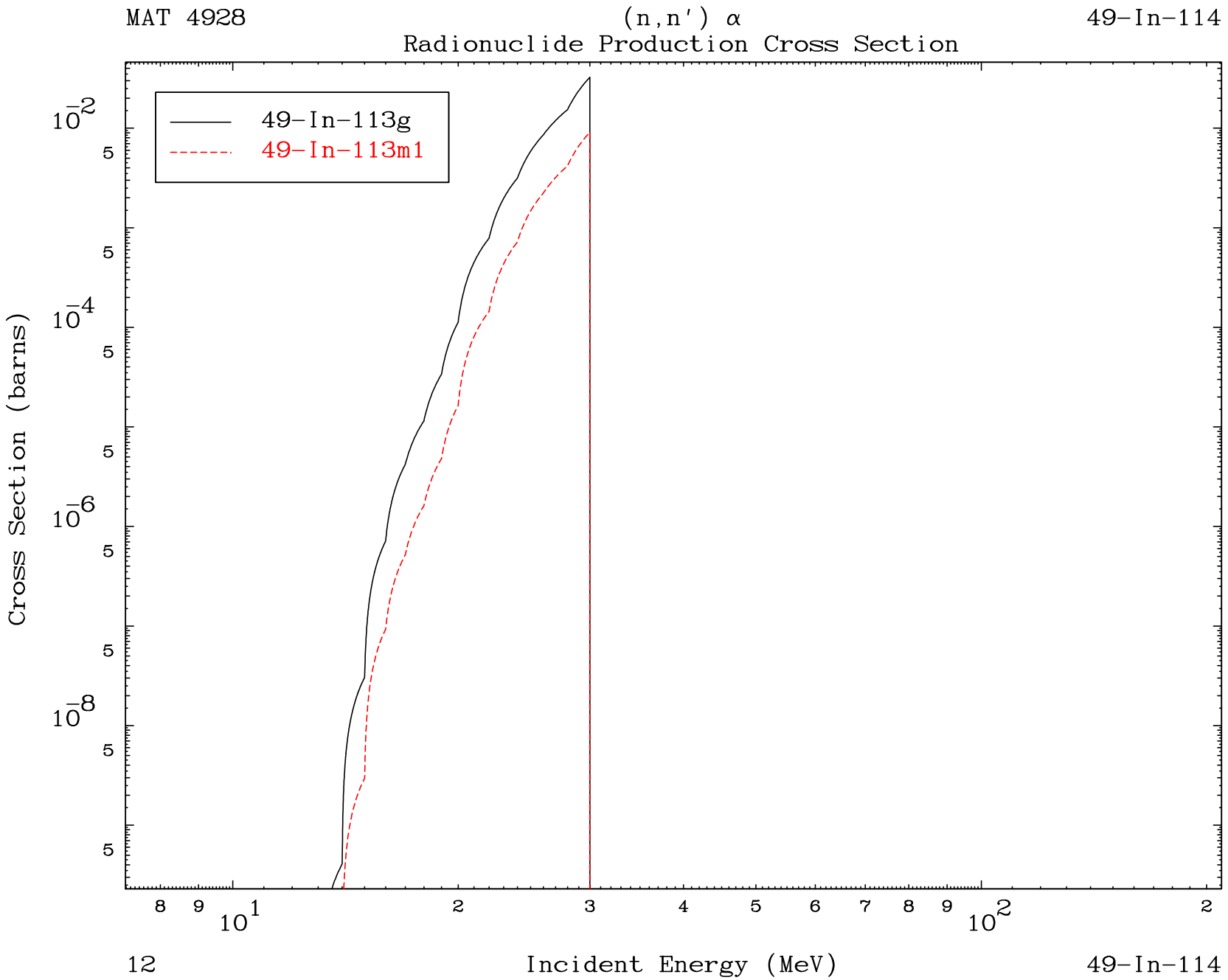

MAT 4928
(α,d) Levels
49-In-114
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
7
49-In-114

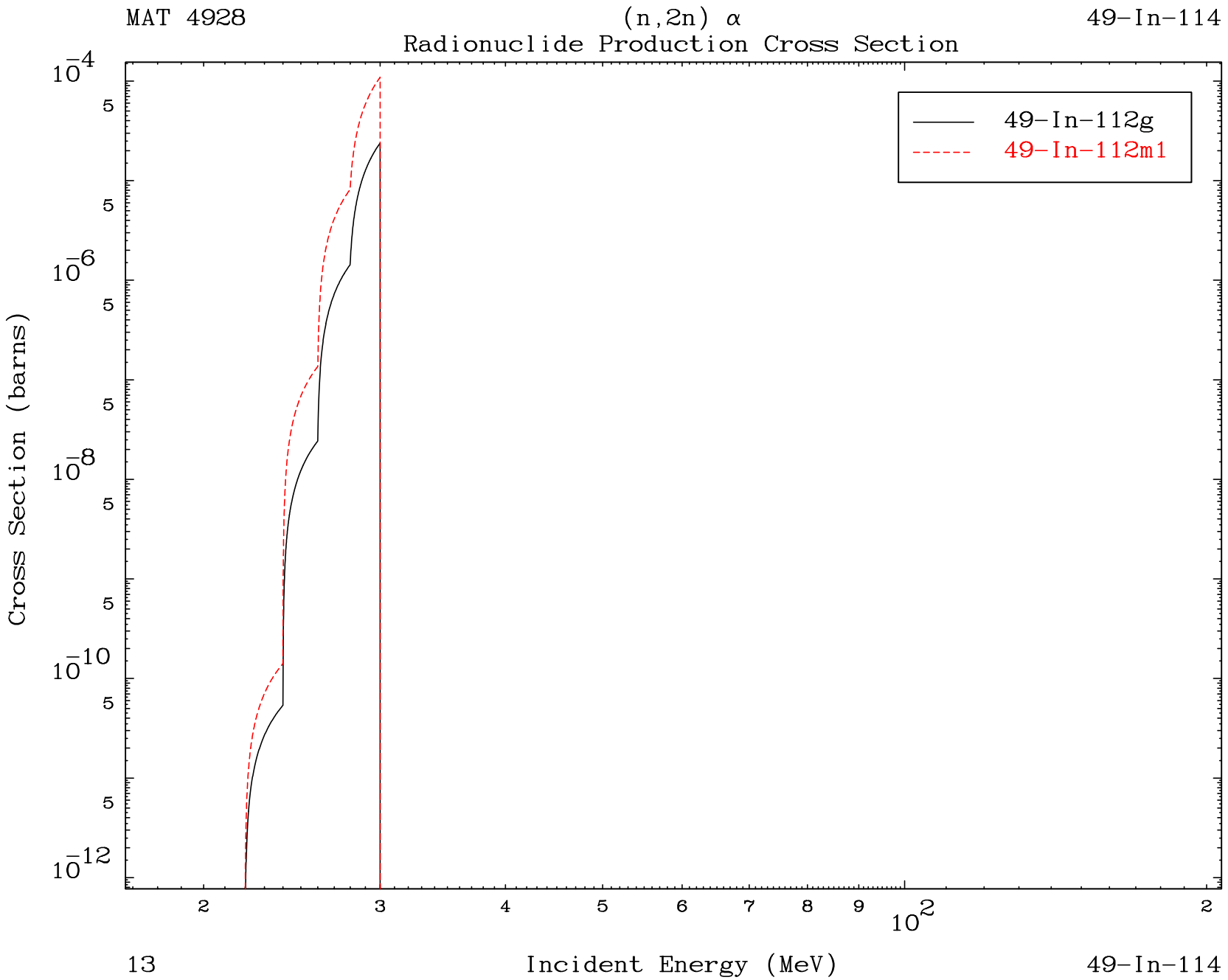

MAT 4928
(α,t) Levels
49-In-114
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
8
Incident Energy (MeV)
49-In-114

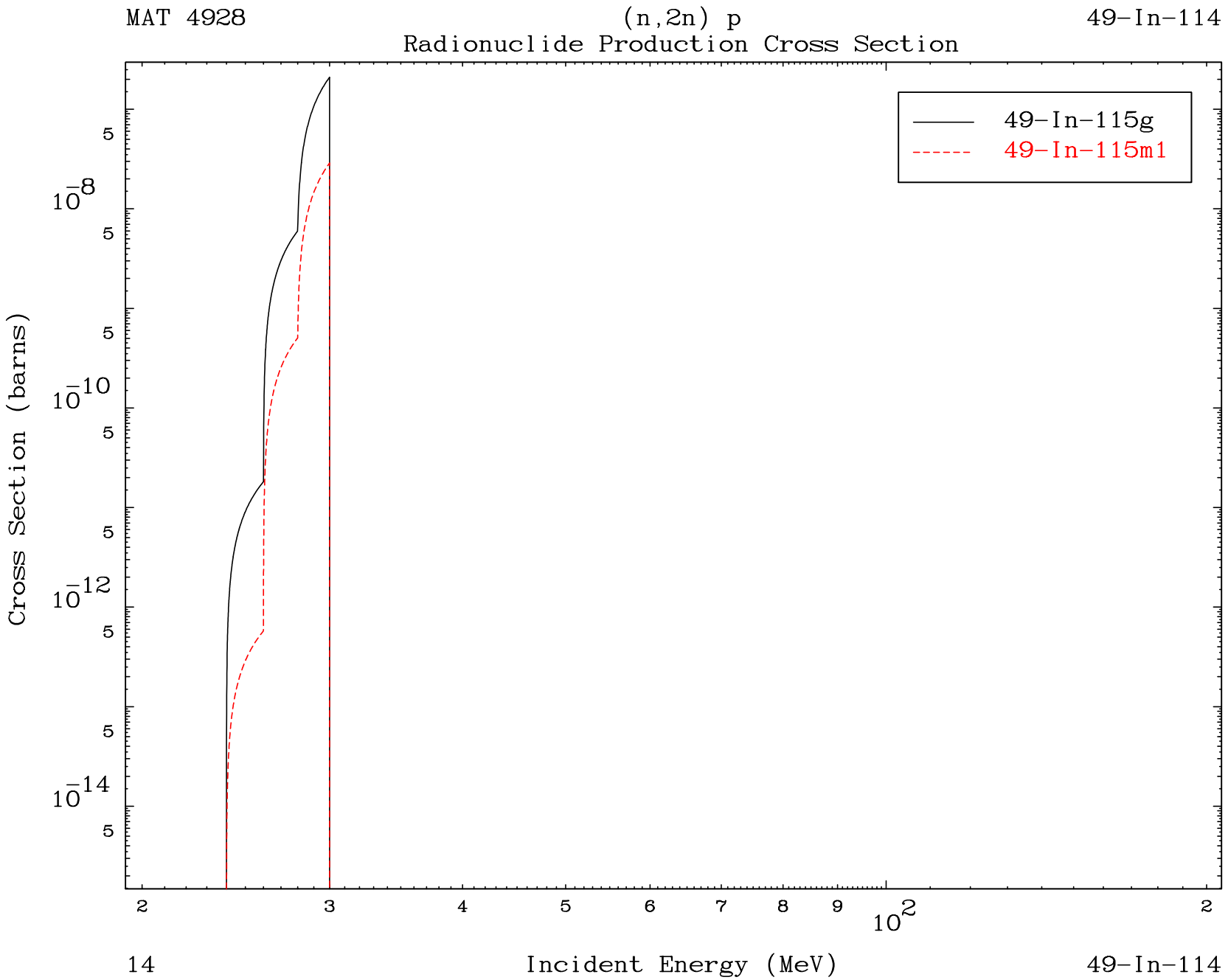

MAT 4928
(α,He3) Levels
49-In-114
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
9
49-In-114

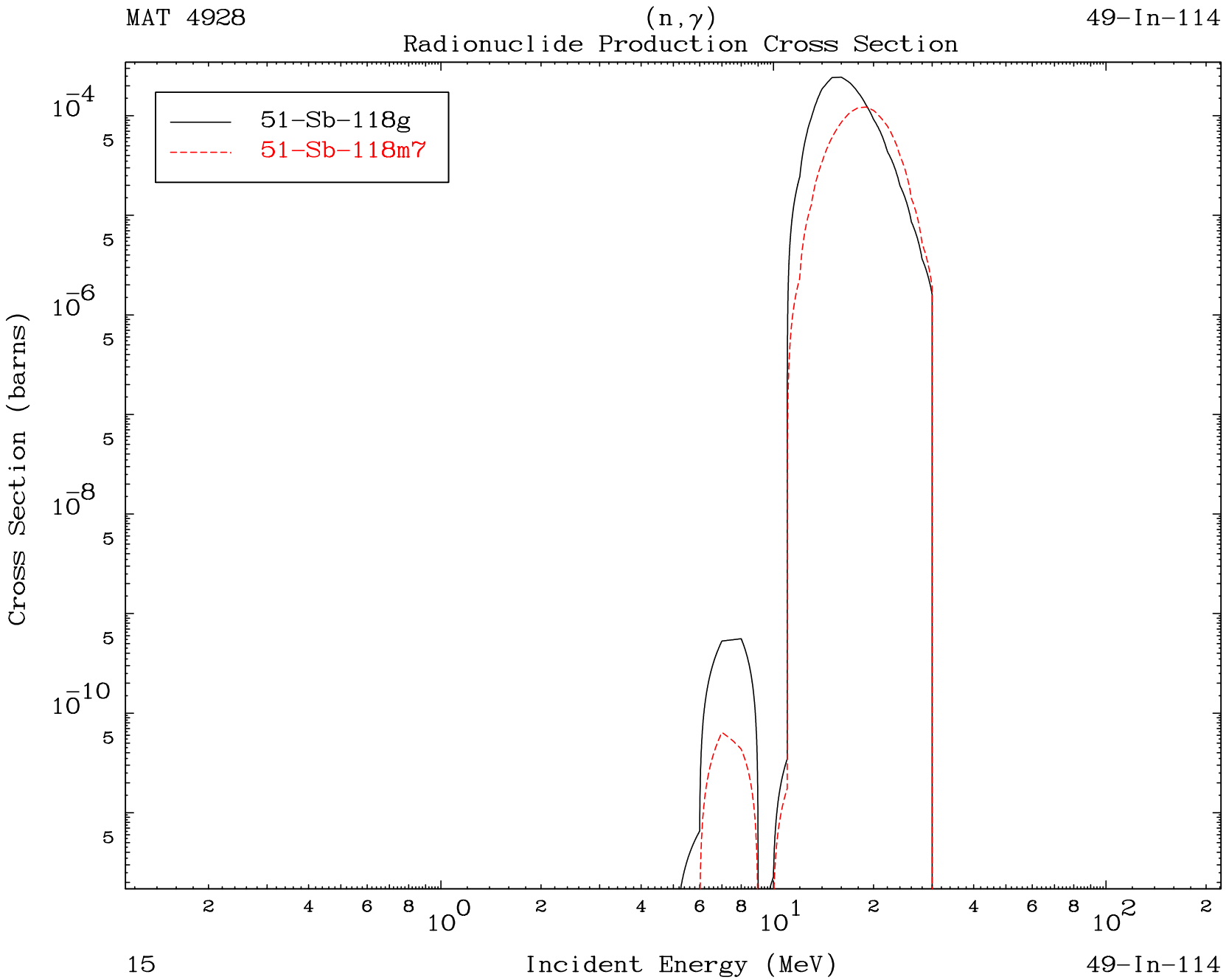

MAT 4928
(α,α) Levels
49-In-114
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
49-In-114

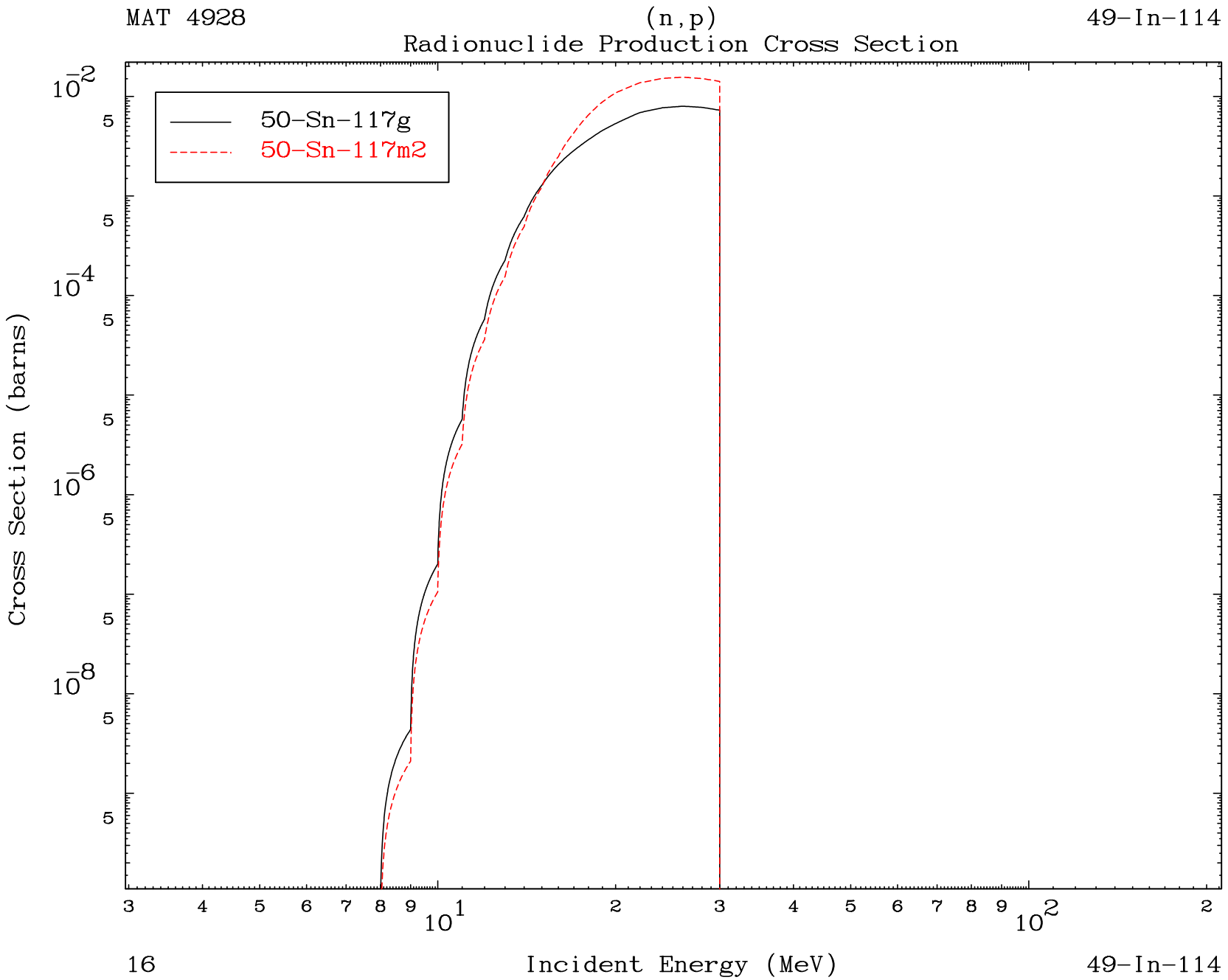

MAT 4928
(n,2n)
49-In-114
Radionuclide Production Cross Section
51-Sb-116g
51-Sb-116m3
Cross Section (barns)
Incident Energy (MeV)
11
49-In-114

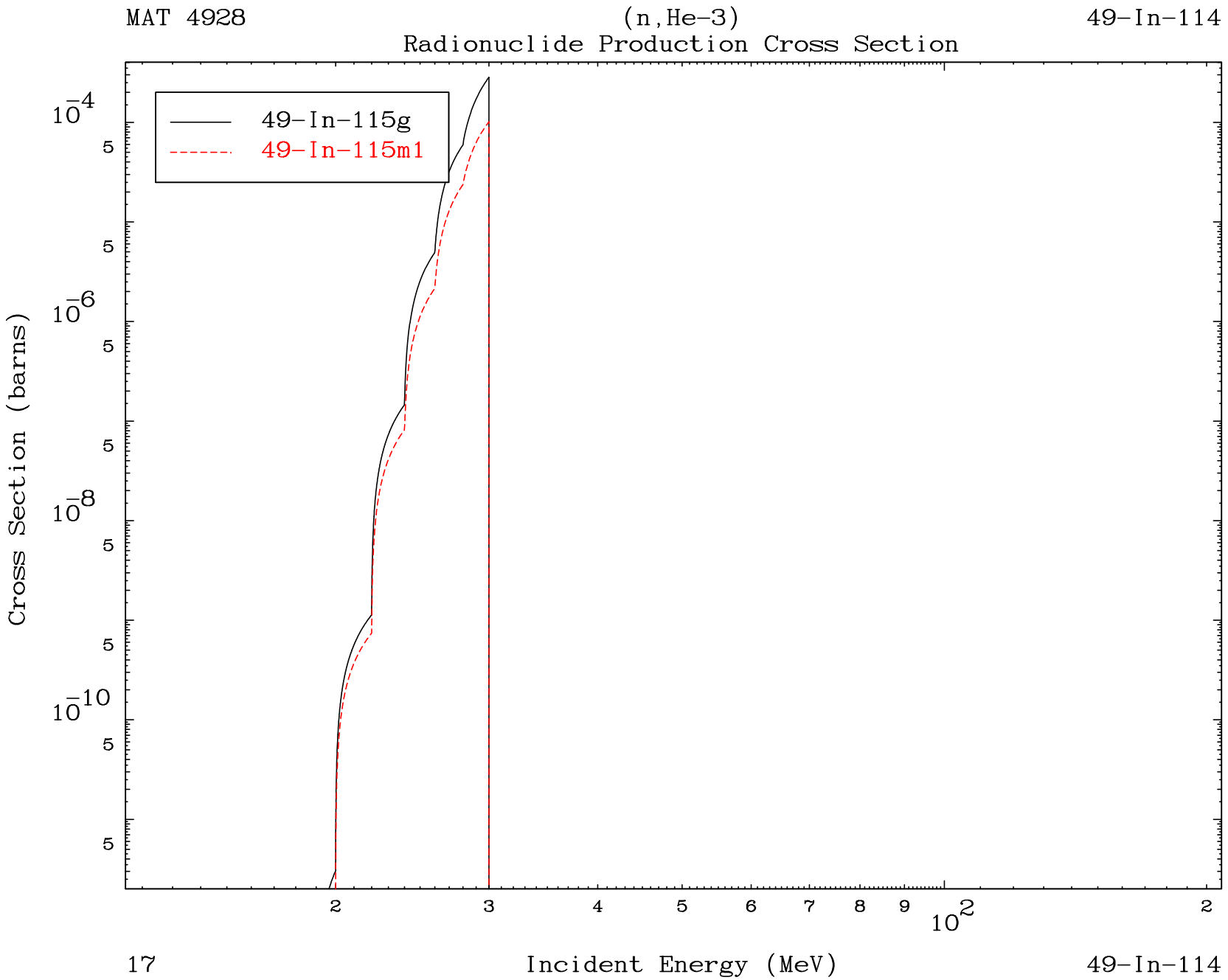

MAT 4928
(n,n') α
49-In-114
Radionuclide Production Cross Section
49-In-113g
49-In-113m1
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
12
Incident Energy (MeV)
49-In-114

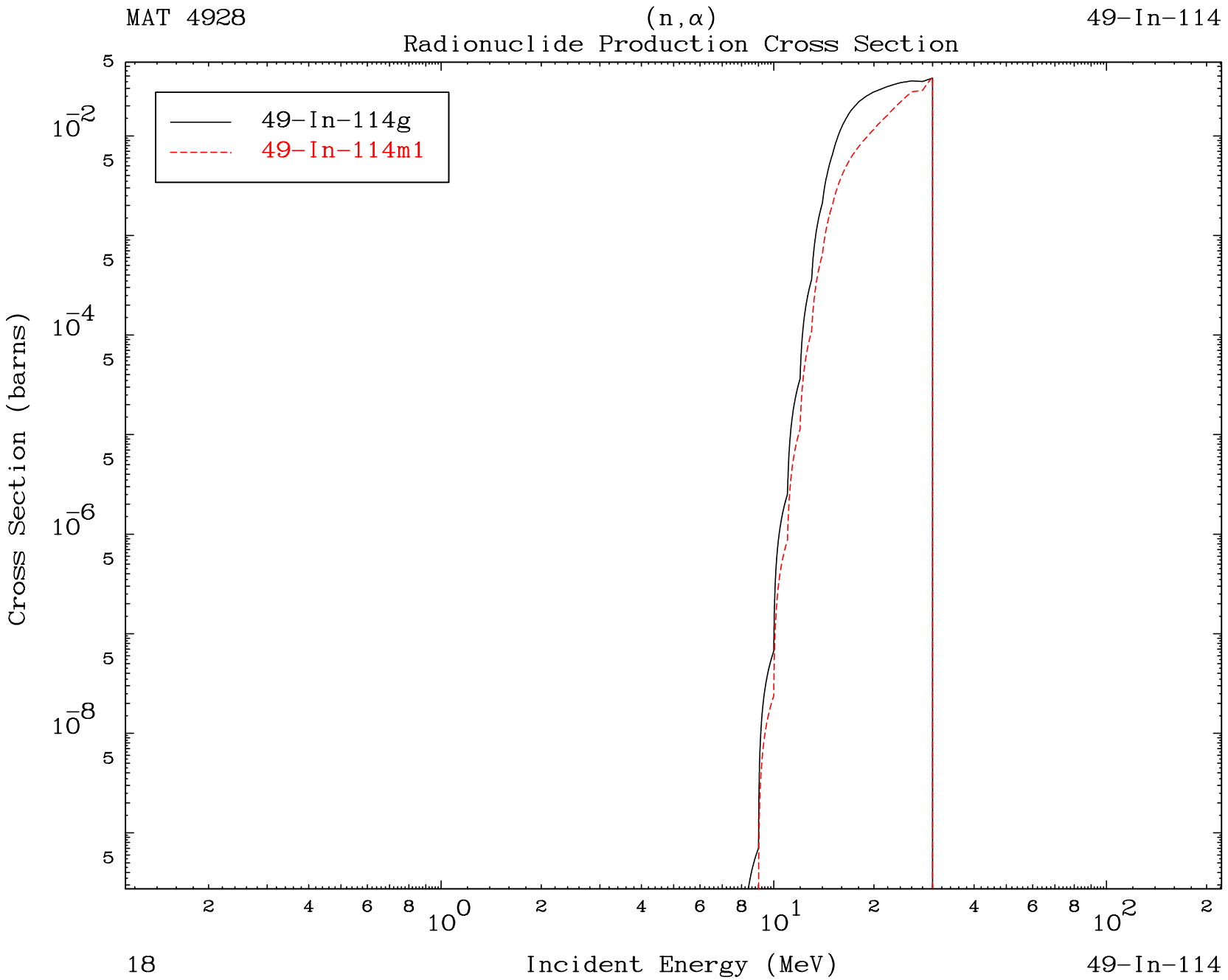

MAT 4928
(n,2n) α
49-In-114
Radionuclide Production Cross Section
49-In-112g
49-In-112m1
Cross Section (barns)
Incident Energy (MeV)
13
49-In-114

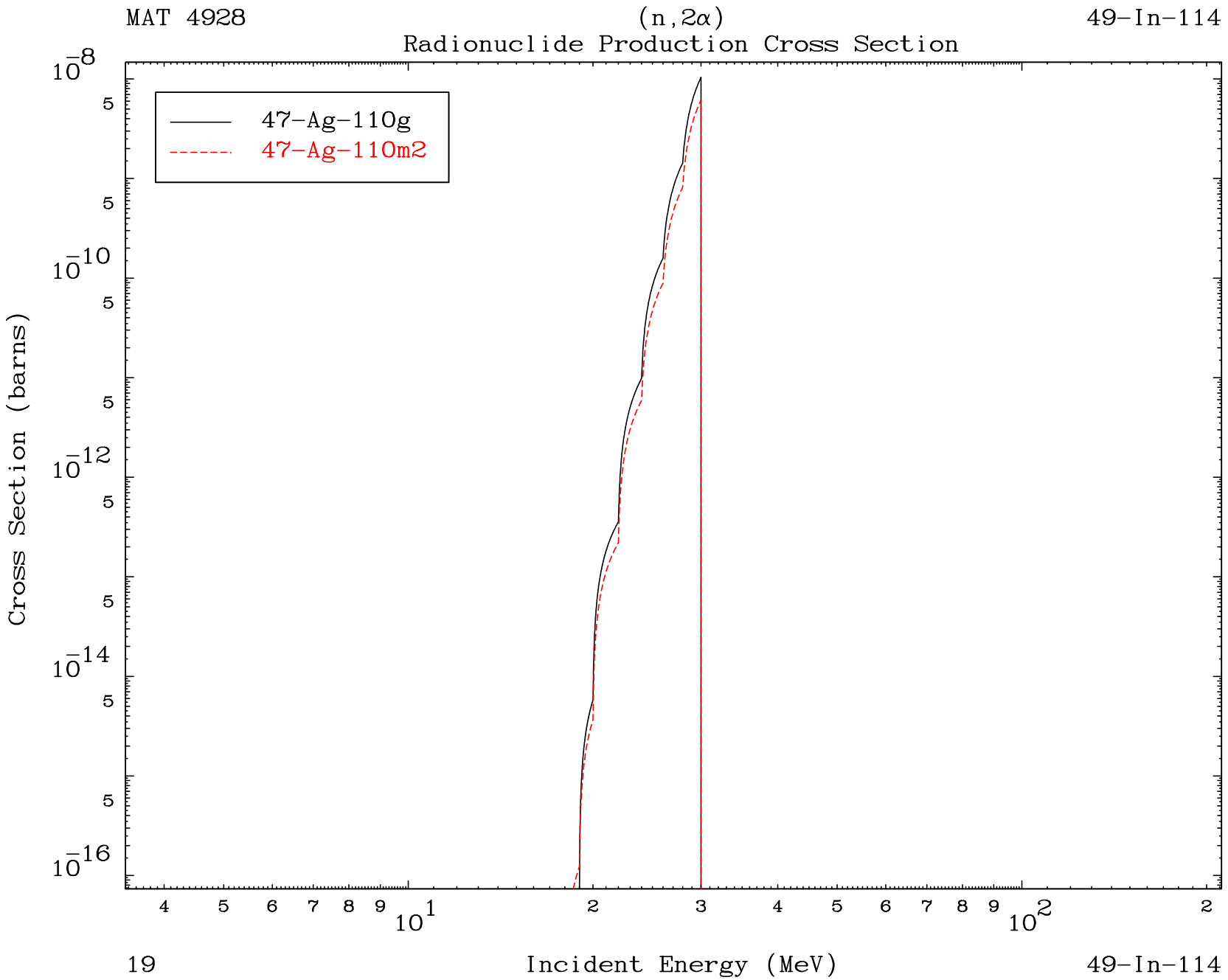

MAT 4928
(n,2n) p
49-In-114
Radionuclide Production Cross Section
49-In-115g
49-In-115m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
49-In-114

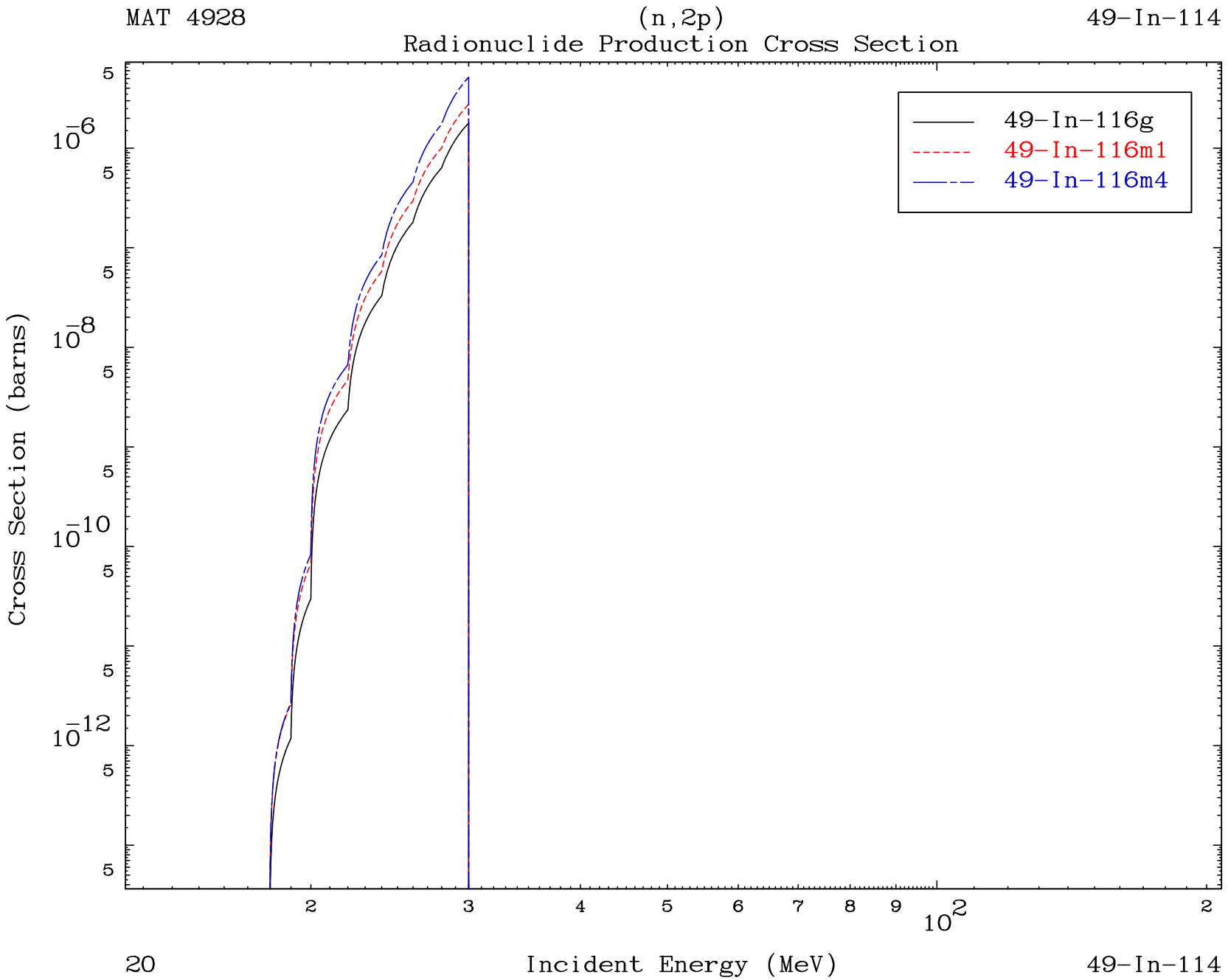

MAT 4928
(n,γ)
49-In-114
Radionuclide Production Cross Section
51-Sb-118g
51-Sb-118m7
Cross Section (barns)
Incident Energy (MeV)
15
49-In-114

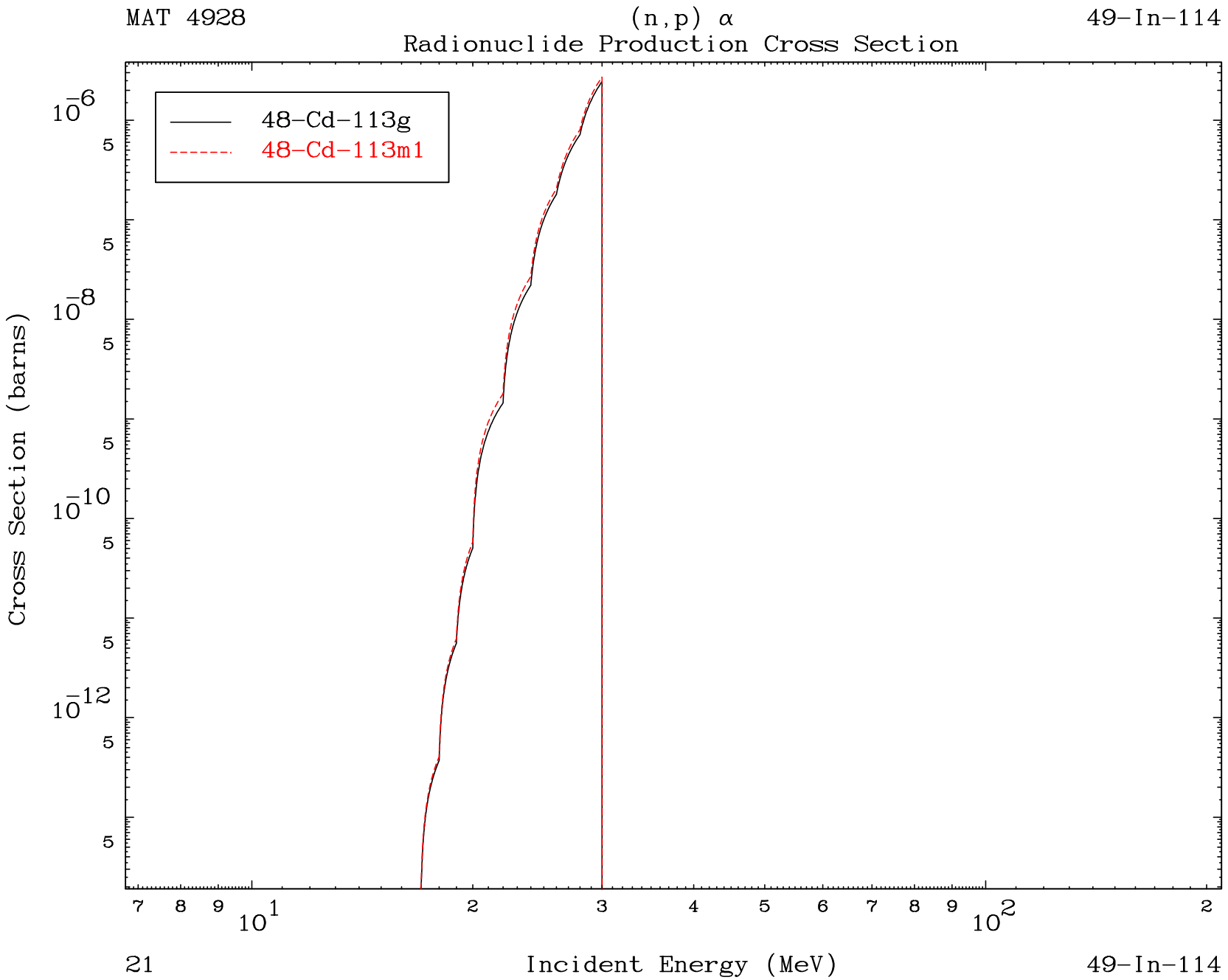

MAT 4928
(n,p)
49-In-114
Radionuclide Production Cross Section
50-Sn-117g
50-Sn-117m2
Cross Section (barns)
Incident Energy (MeV)
16
49-In-114

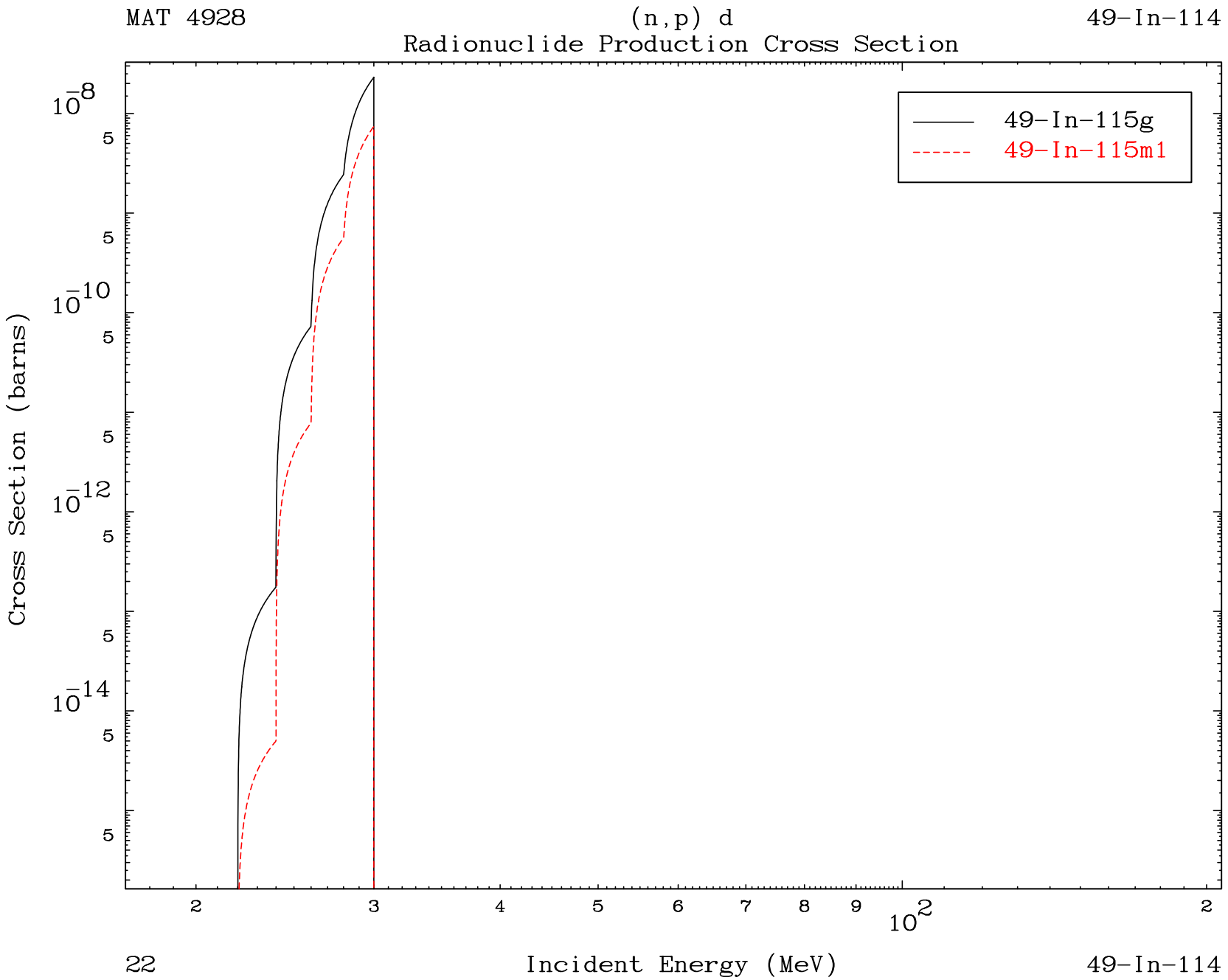

MAT 4928
(n,He-3)
49-In-114
Radionuclide Production Cross Section
49-In-115g
49-In-115m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
49-In-114


MAT 4928
(n,α)
49-In-114
Radionuclide Production Cross Section
49-In-114g
49-In-114m1
Cross Section (barns)
Incident Energy (MeV)
18
49-In-114


MAT 4928
(n,2α)
49-In-114
Radionuclide Production Cross Section
47-Ag-110g
47-Ag-110m2
Cross Section (barns)
Incident Energy (MeV)
19
49-In-114


MAT 4928
(n,2p)
49-In-114
Radionuclide Production Cross Section
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
49-In-116g
49-In-116m1
49-In-116m4
20
Incident Energy (MeV)
49-In-114


MAT 4928
(n,p) α
49-In-114
Radionuclide Production Cross Section
48-Cd-113g
48-Cd-113m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
21
49-In-114


MAT 4928
(n,p) d
49-In-114
Radionuclide Production Cross Section
49-In-115g
49-In-115m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
22
Incident Energy (MeV)
49-In-114