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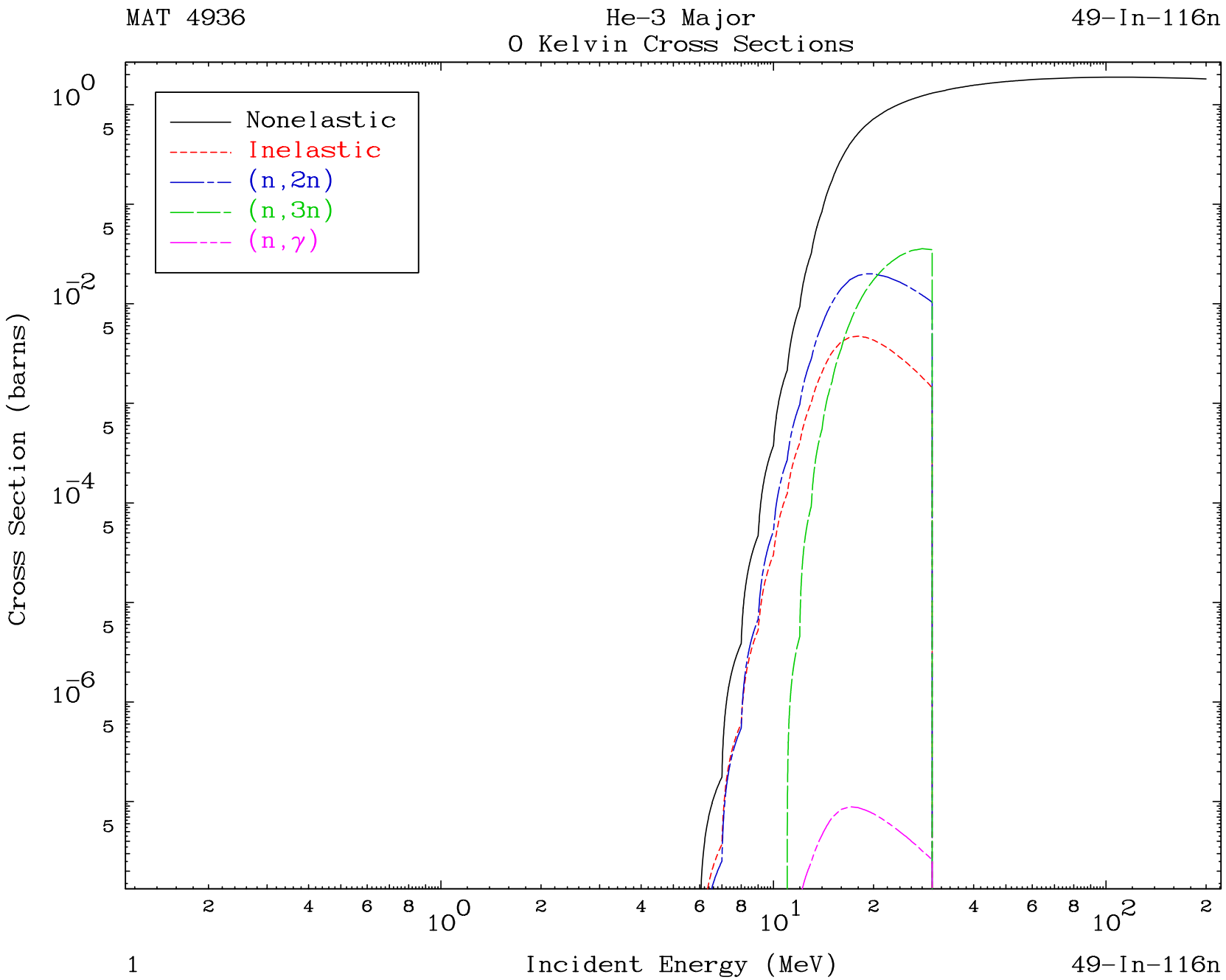
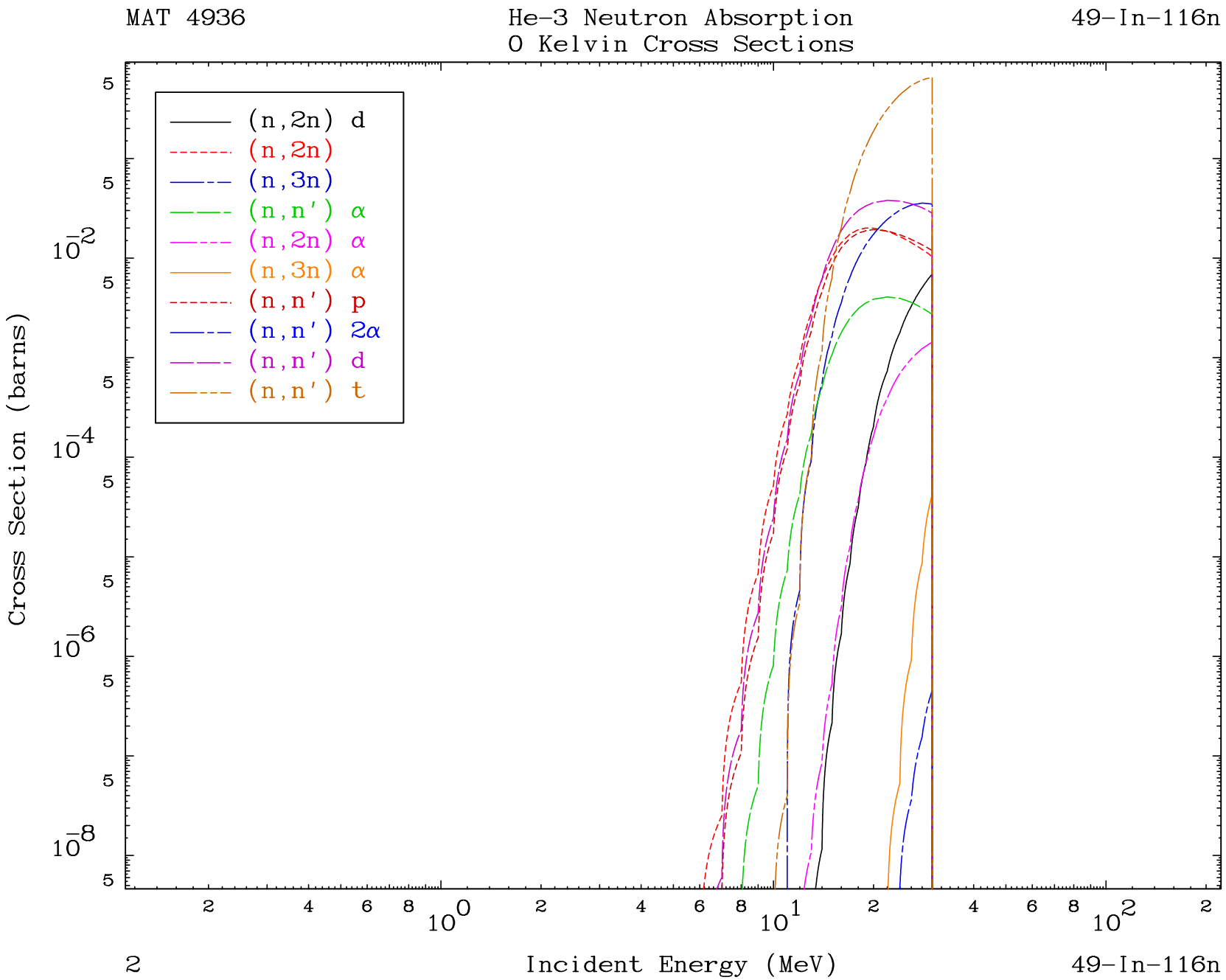
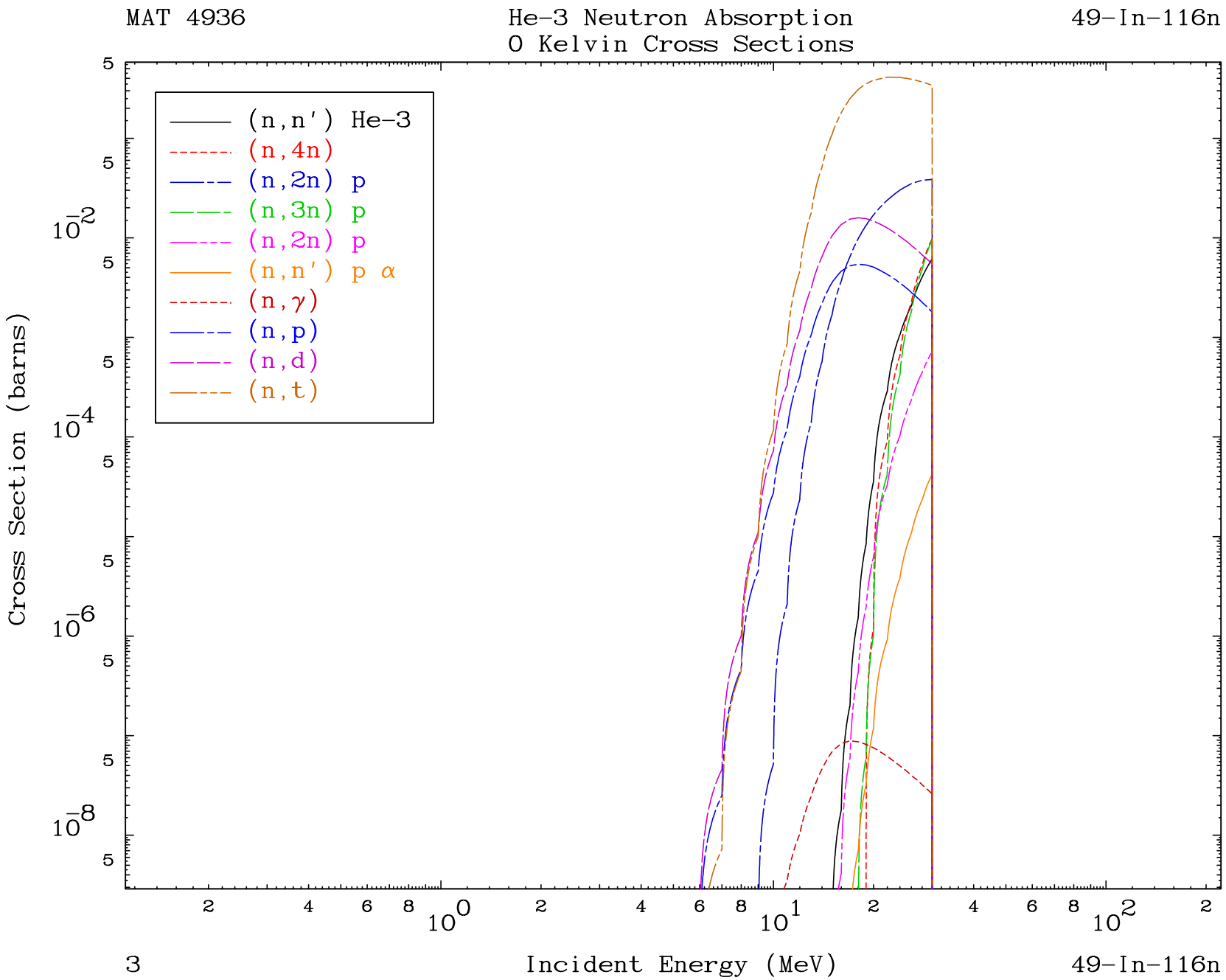
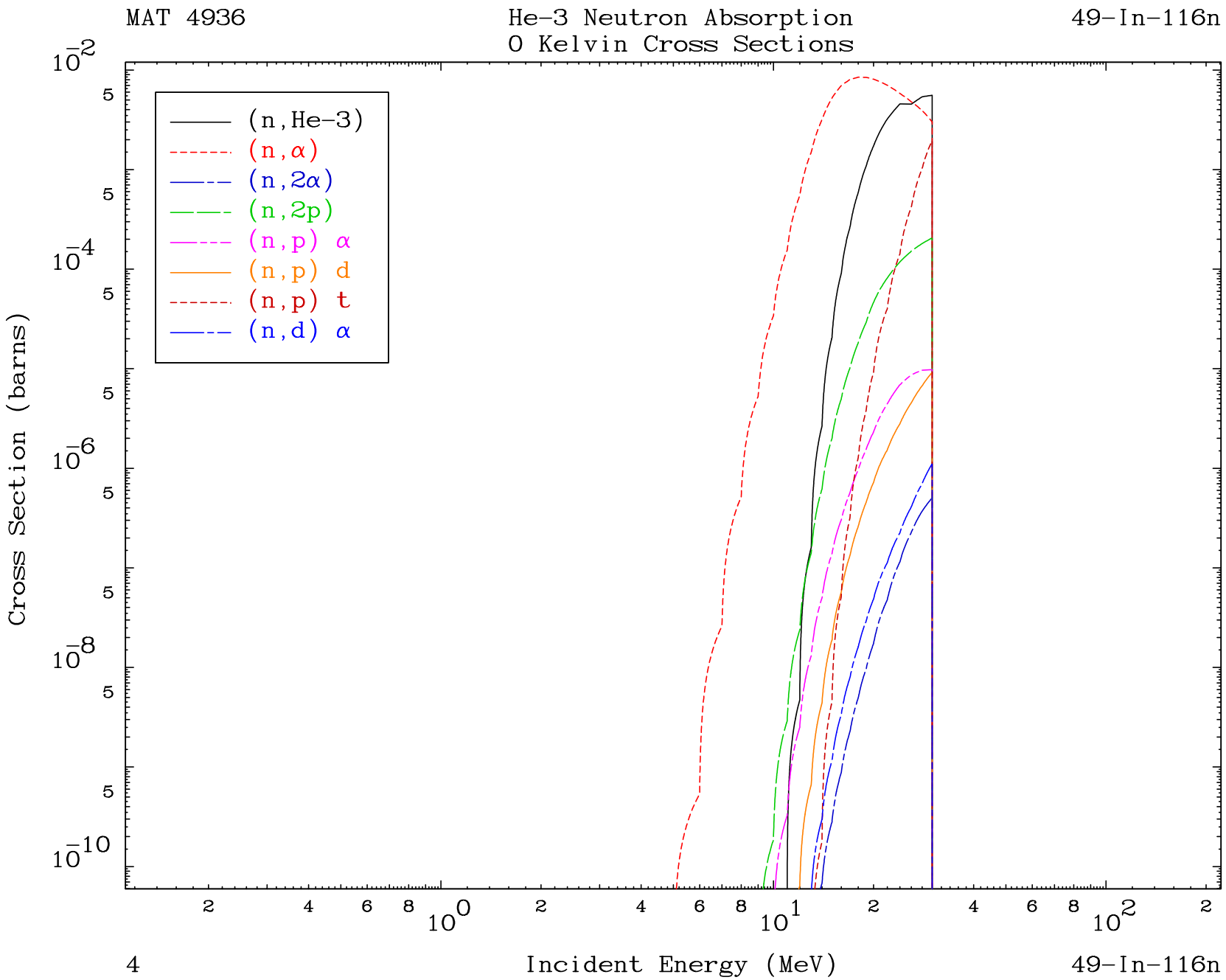
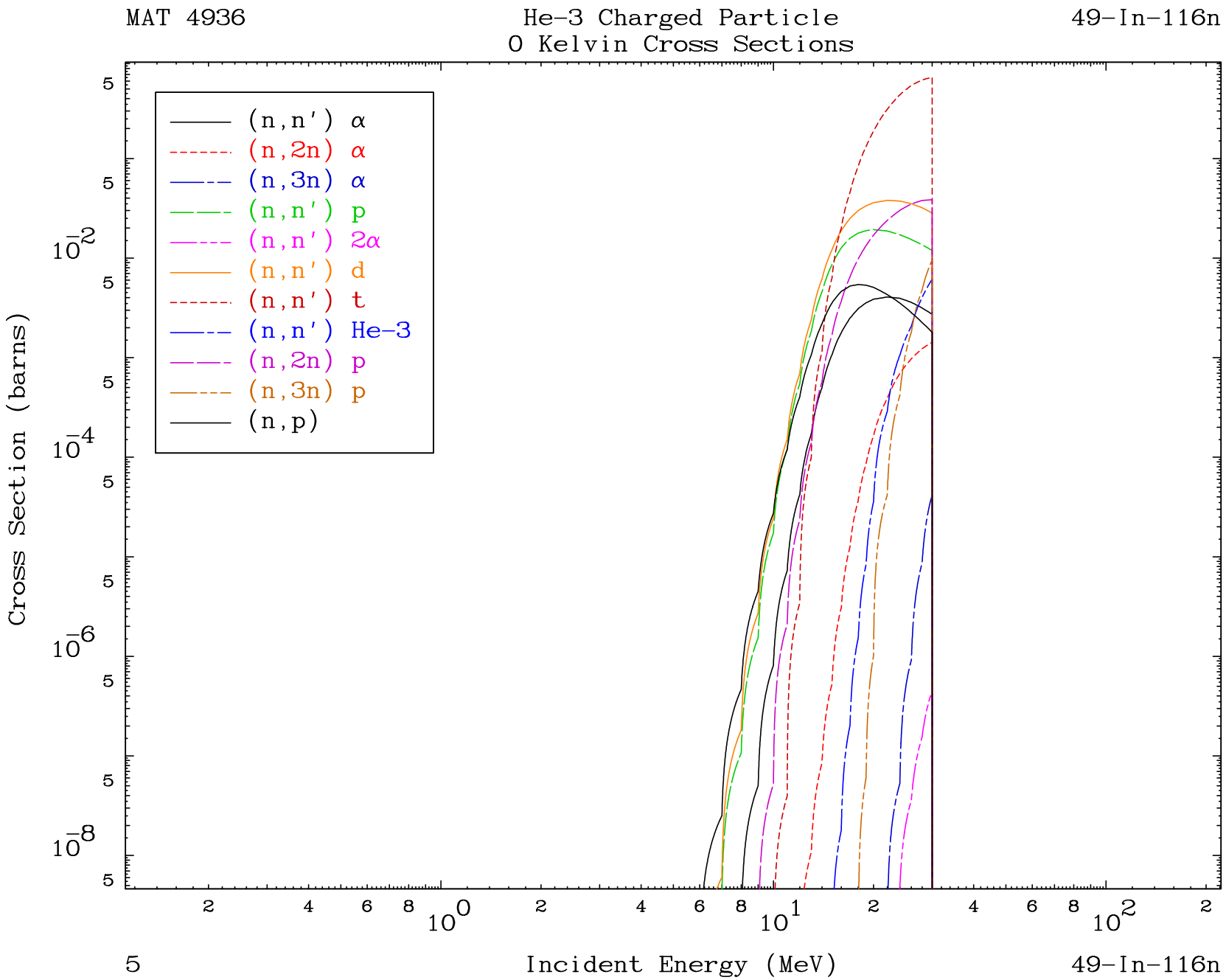
Press Mouse Button to Start

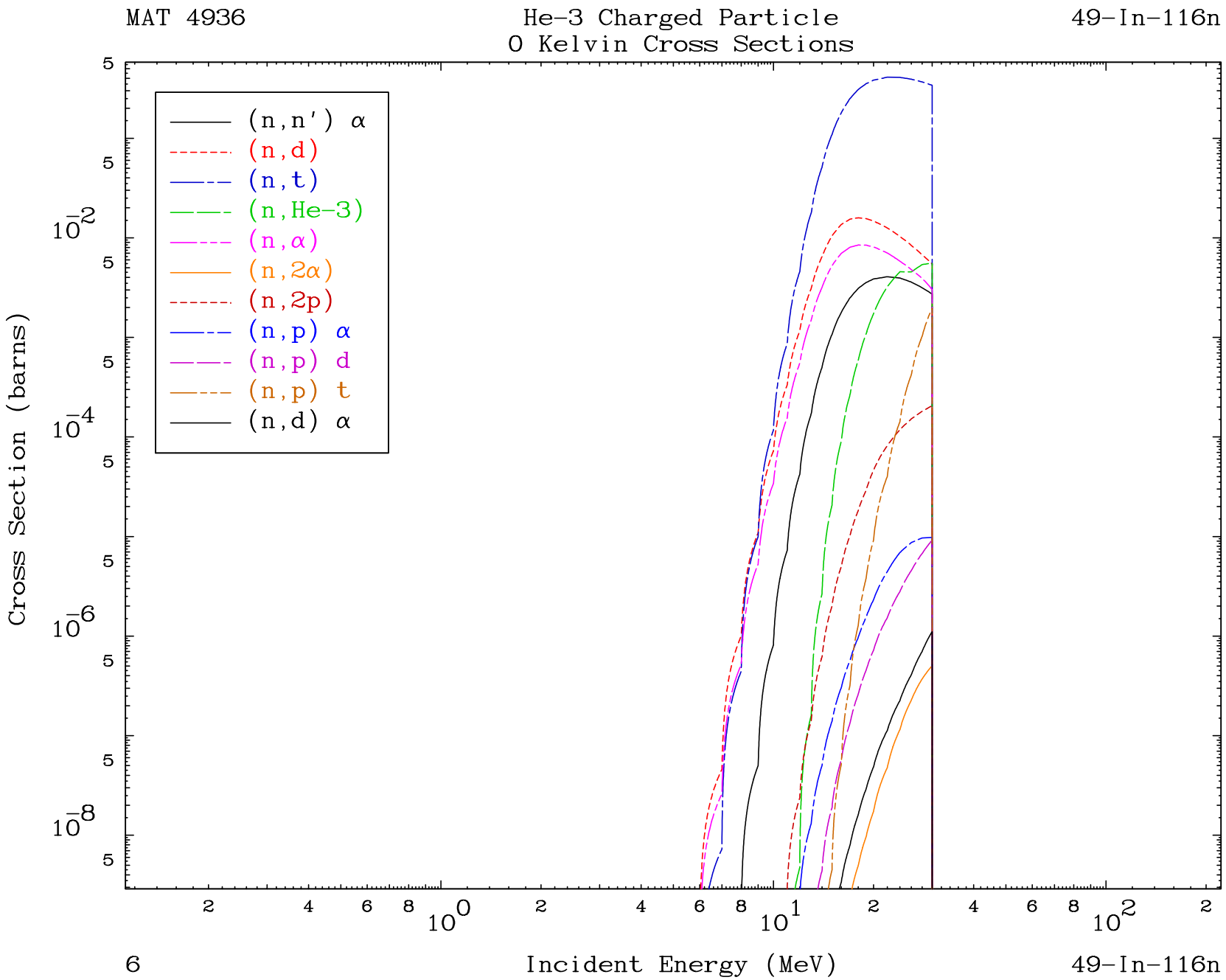

MAT 4936
He-3 Major
49-In-116n
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
49-In-116n

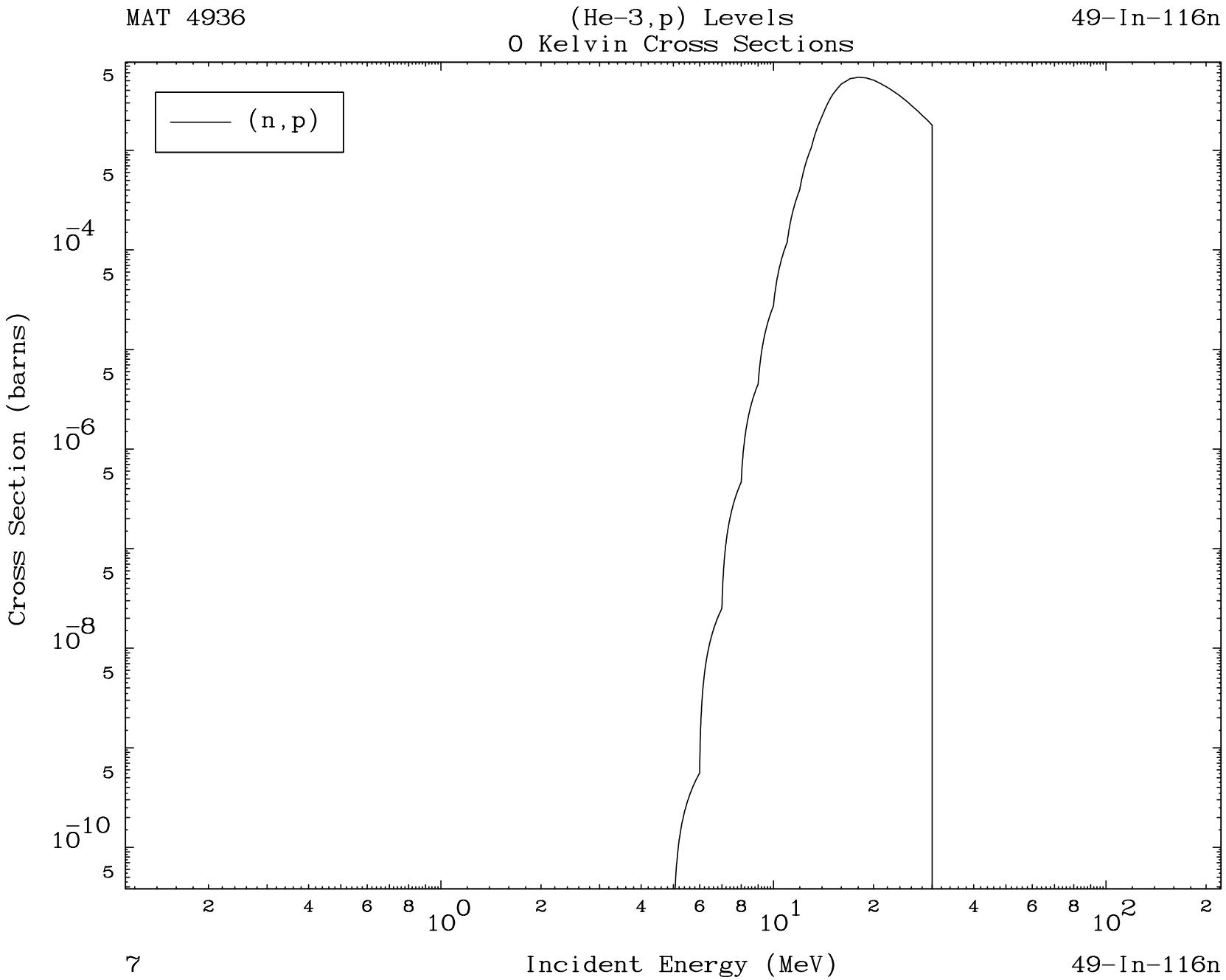

MAT 4936
He-3 Neutron Absorption
0 Kelvin Cross Sections
49-In-116n
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
2
49-In-116n

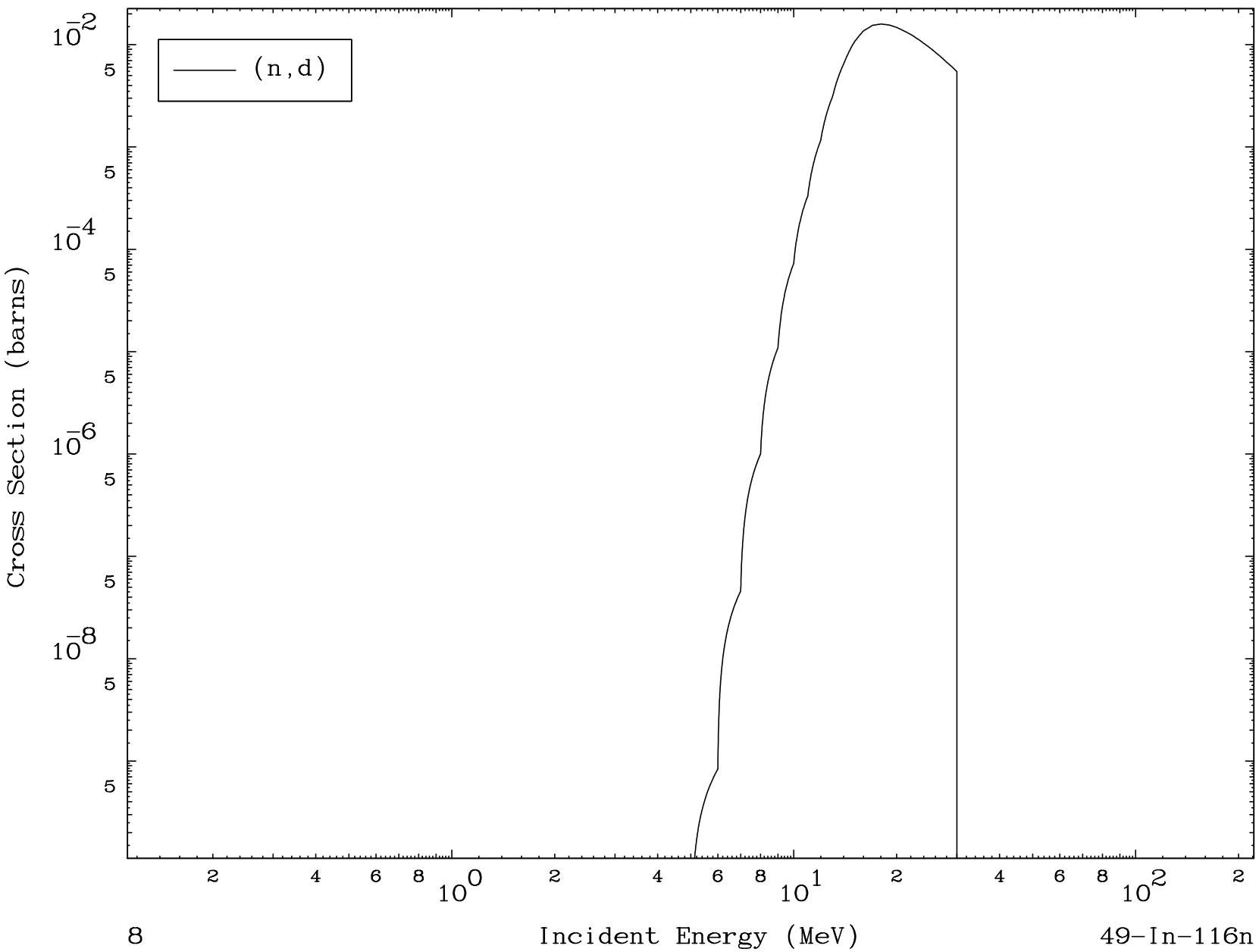

MAT 4936
He-3 Neutron Absorption
0 Kelvin Cross Sections
49-In-116n
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
49-In-116n

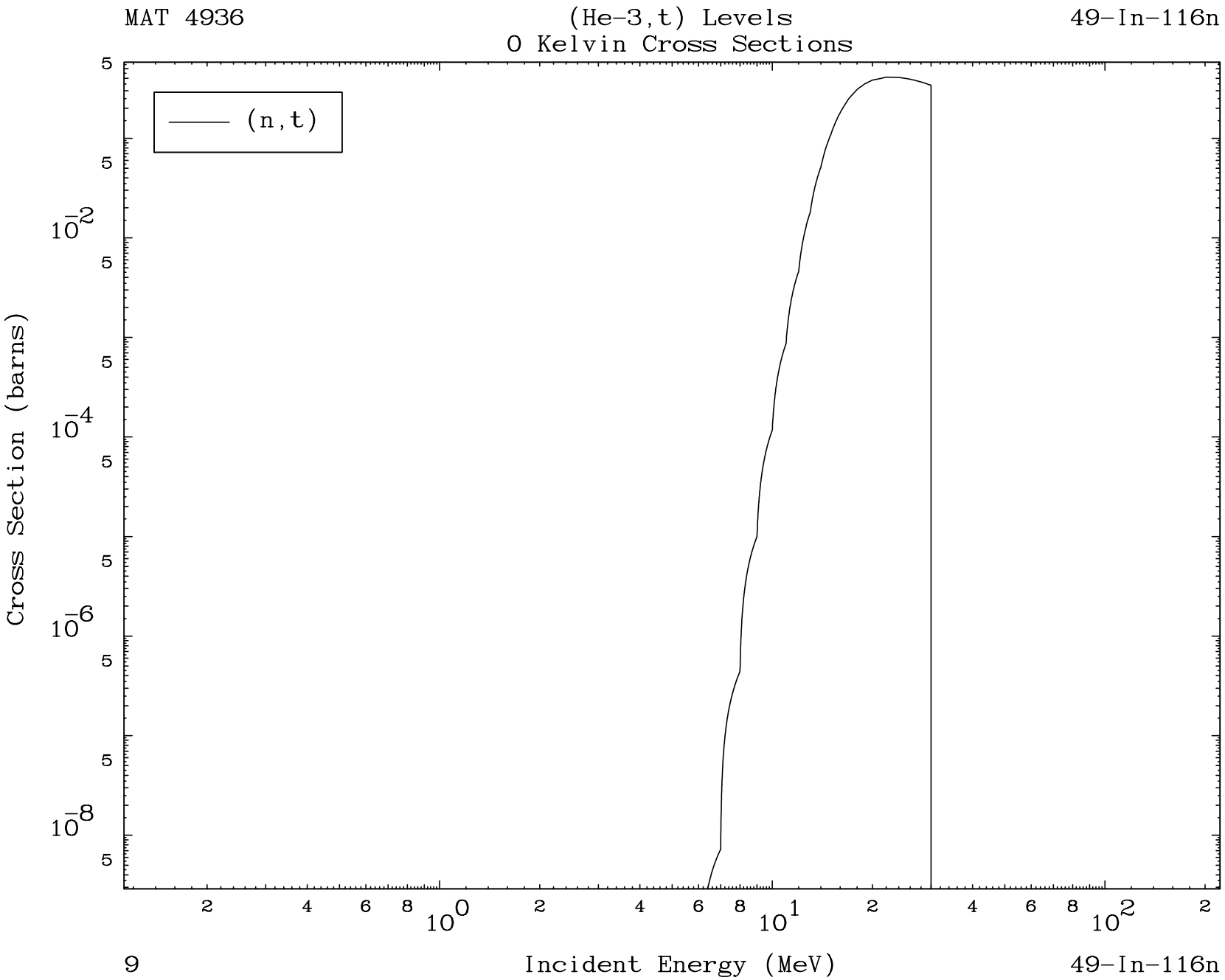

MAT 4936
He-3 Neutron Absorption
0 Kelvin Cross Sections
49-In-116n
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
49-In-116n

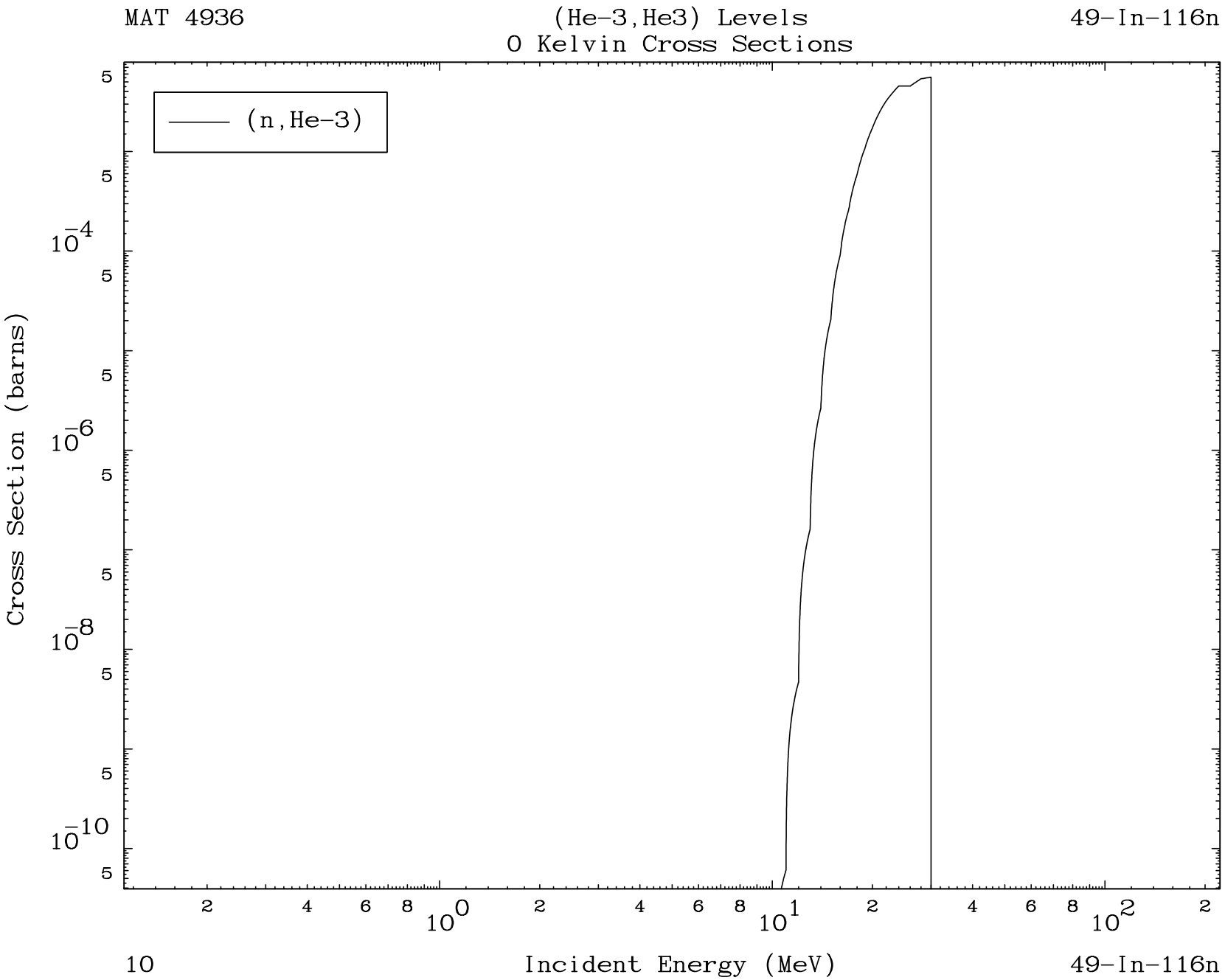

MAT 4936
He-3 Charged Particle
0 Kelvin Cross Sections
49-In-116n
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
49-In-116n

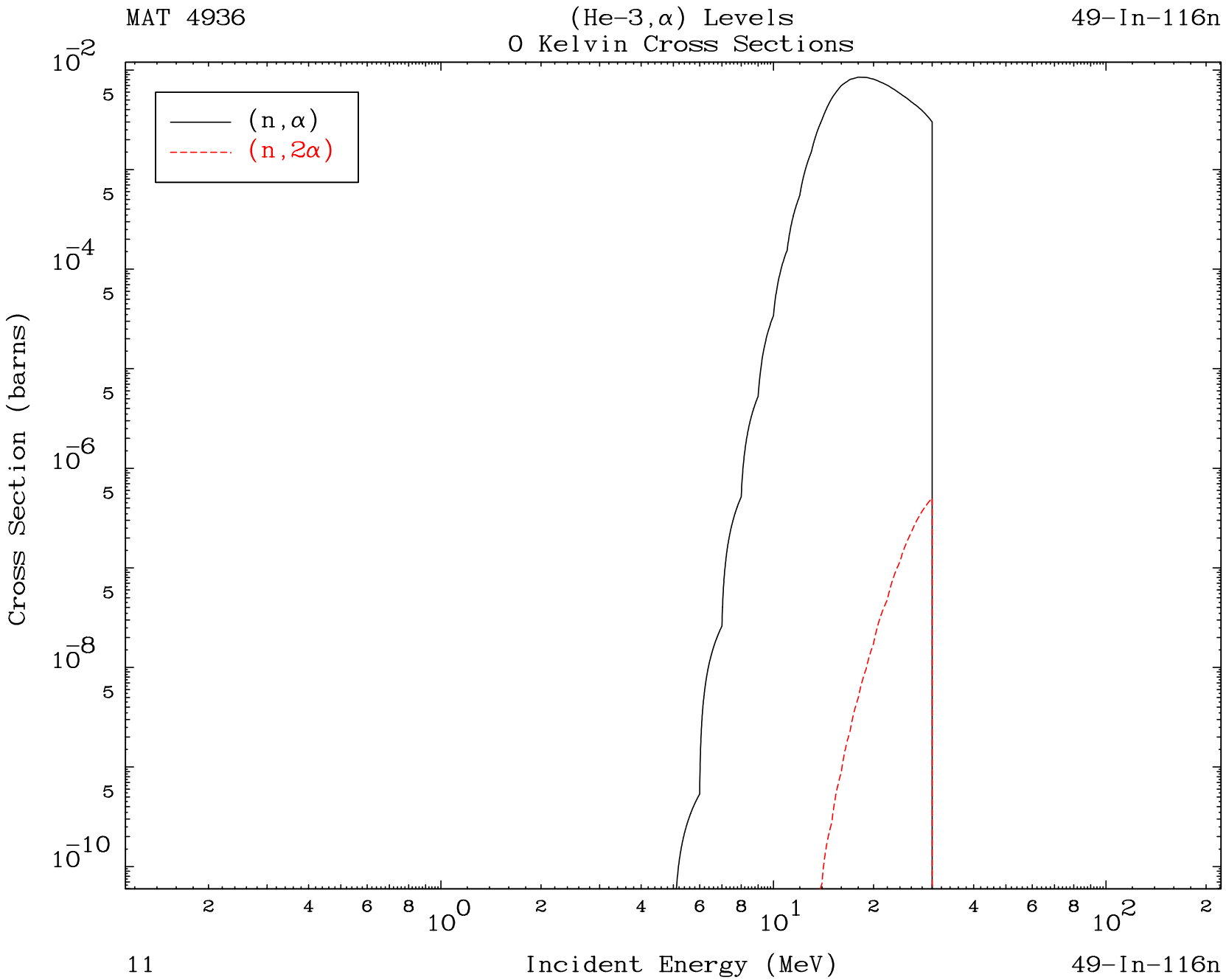

MAT 4936
He-3 Charged Particle
0 Kelvin Cross Sections
49-In-116n
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
49-In-116n

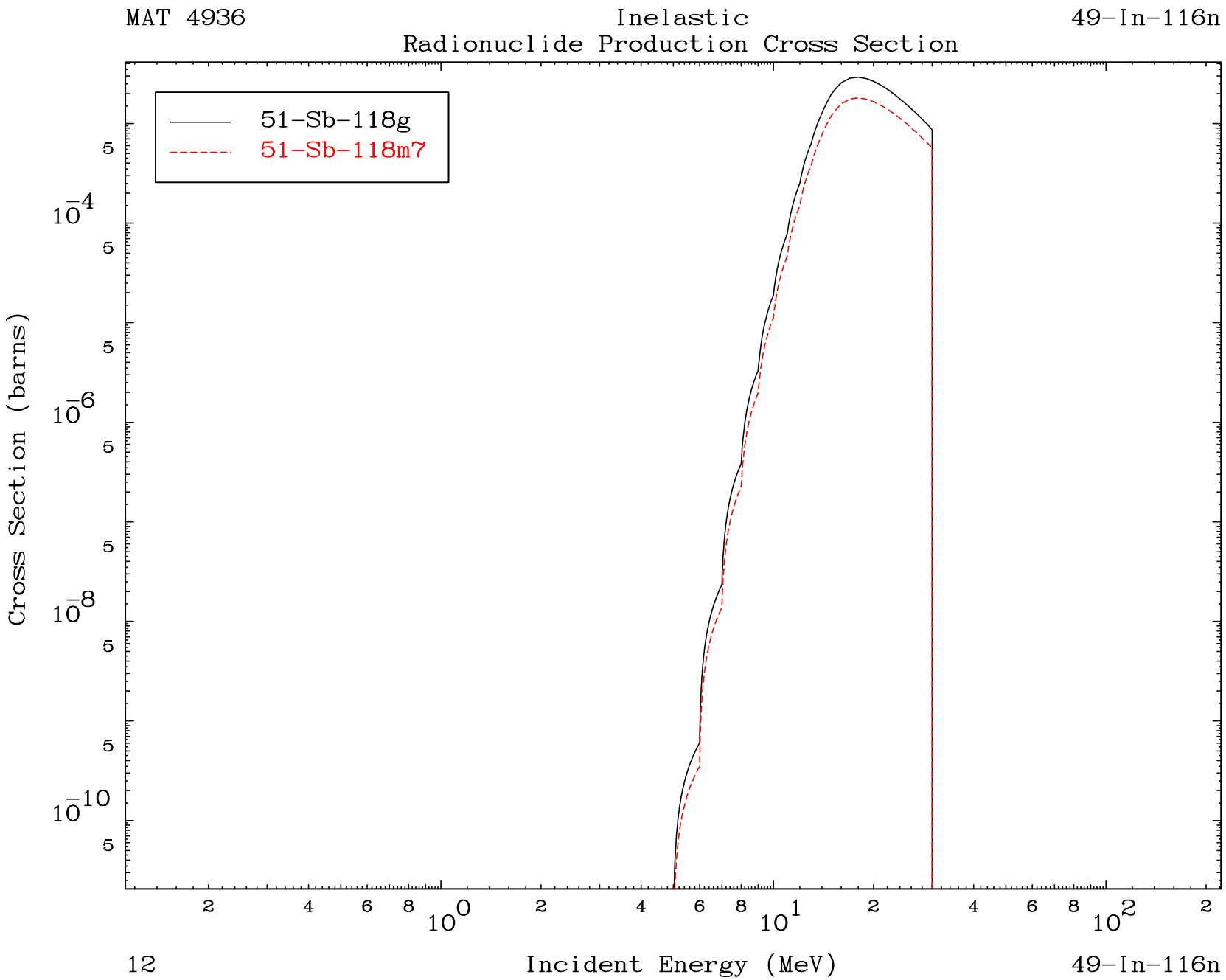

MAT 4936
(He-3,p) Levels
0 Kelvin Cross Sections
49-In-116n
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
49-In-116n

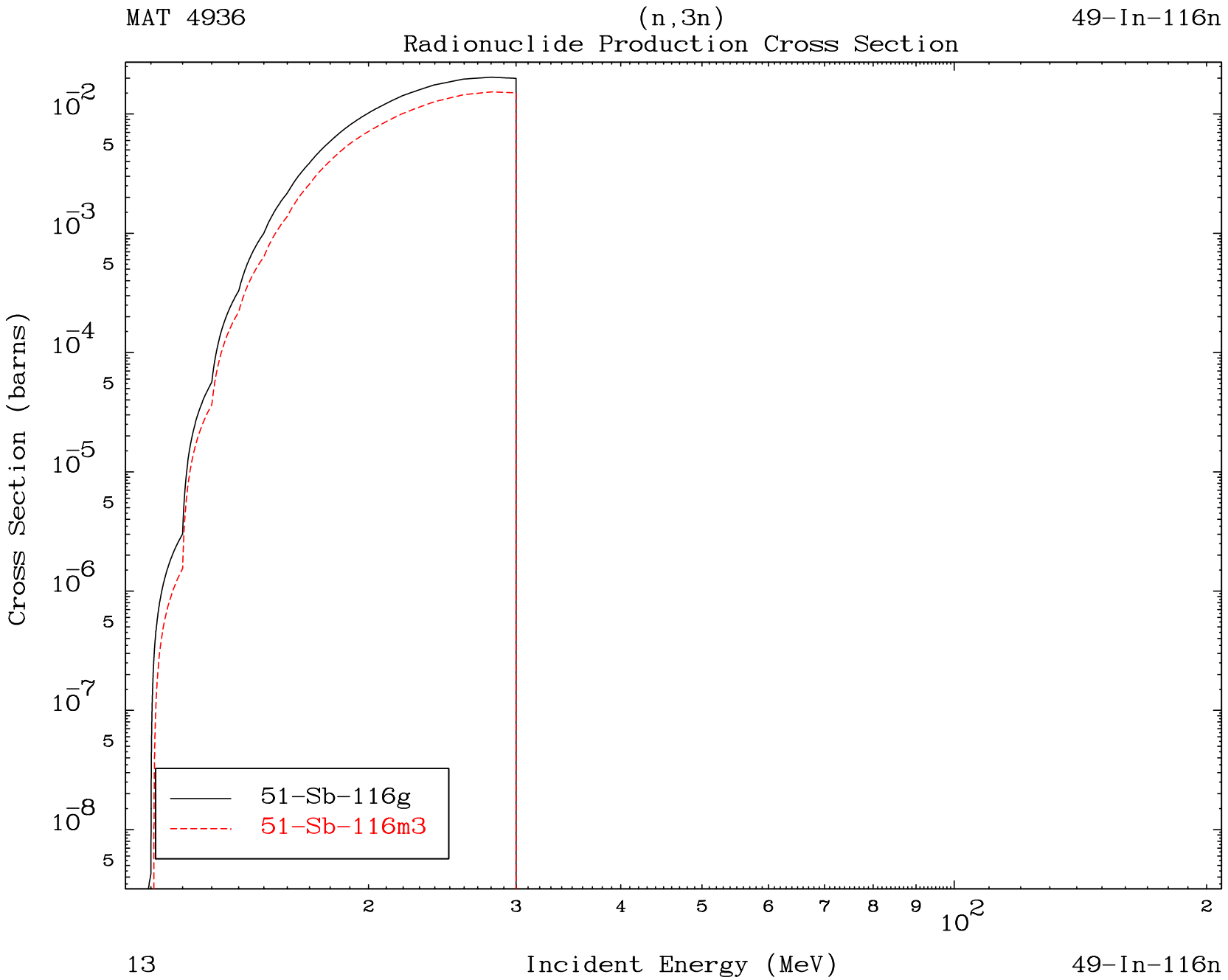

MAT 4936
(He-3,d) Levels
0 Kelvin Cross Sections
49-In-116n
(n,d)
Cross Section (barns)
Incident Energy (MeV)
8
49-In-116n

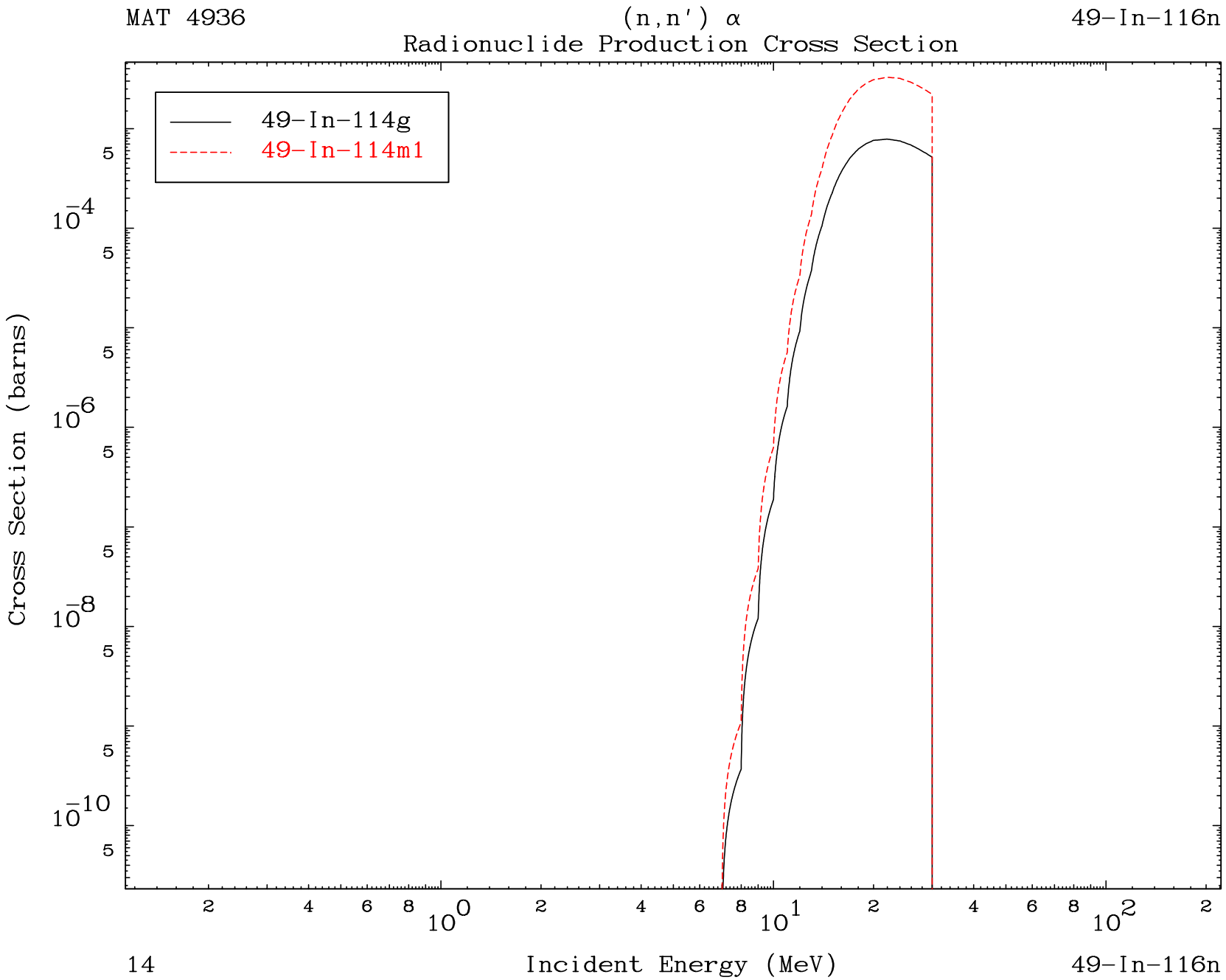

MAT 4936
(He-3,t) Levels
49-In-116n
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
49-In-116n

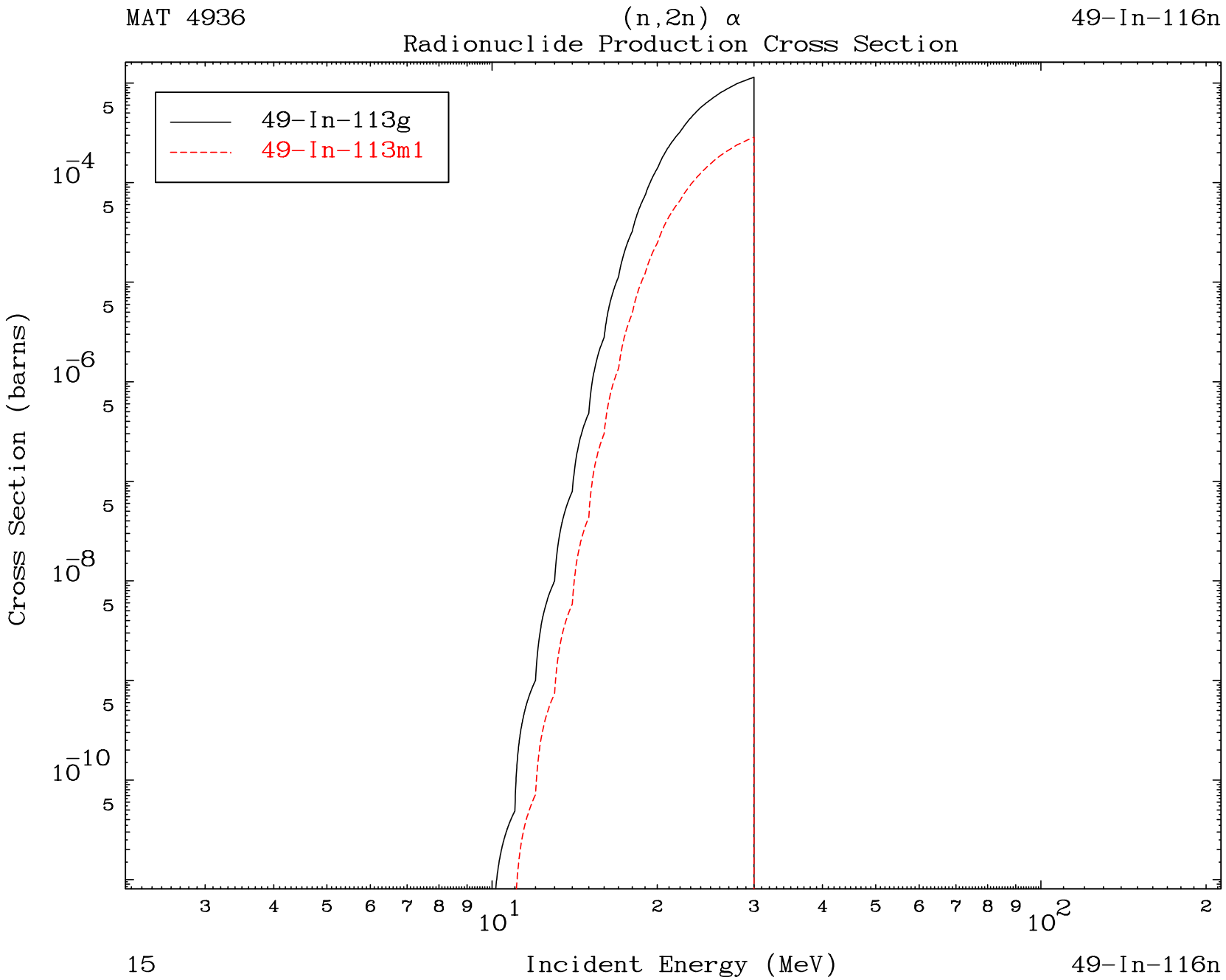

MAT 4936
(He-3,He3) Levels
49-In-116n
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
49-In-116n

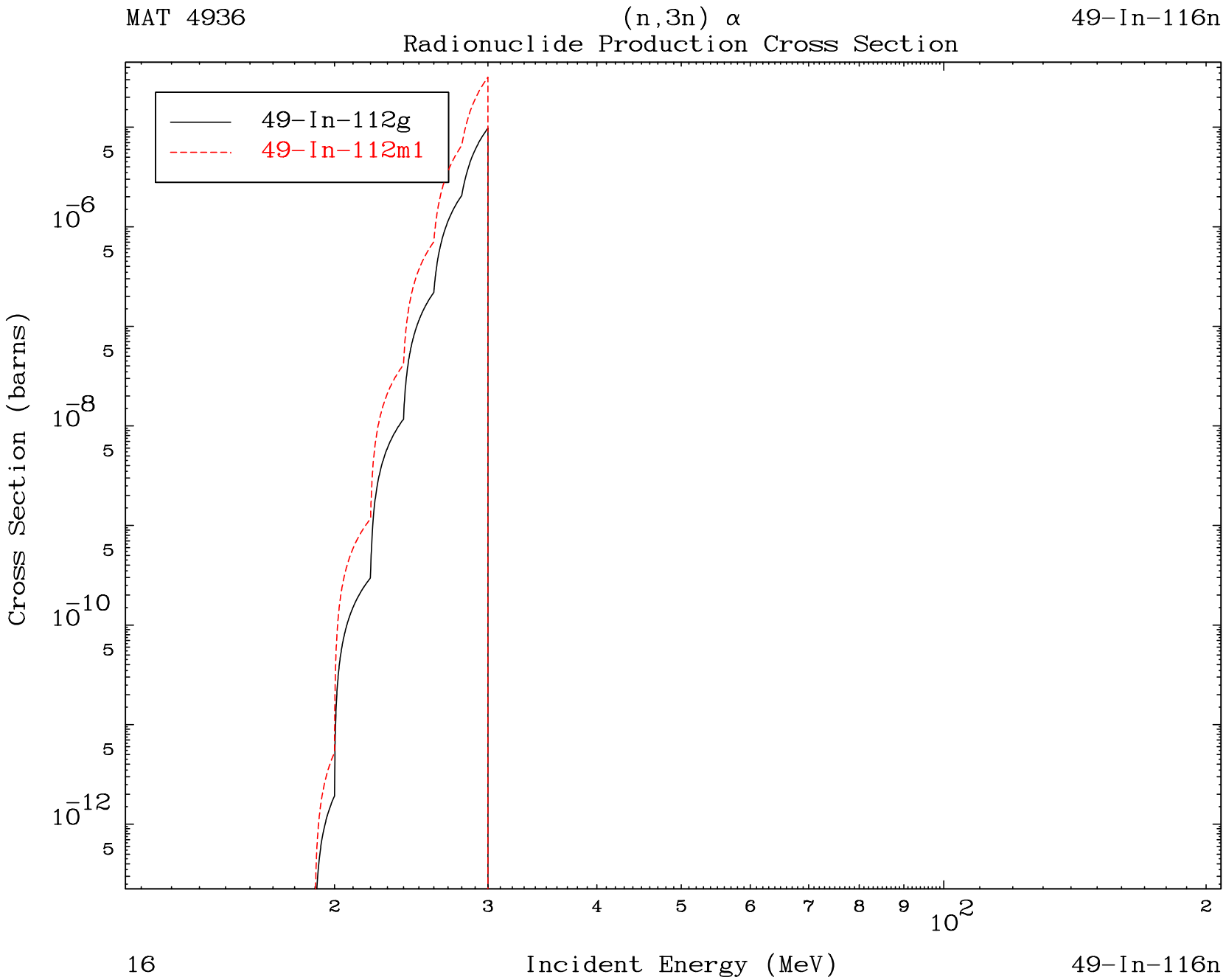

MAT 4936
(He-3,α) Levels
0 Kelvin Cross Sections
49-In-116n
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
49-In-116n

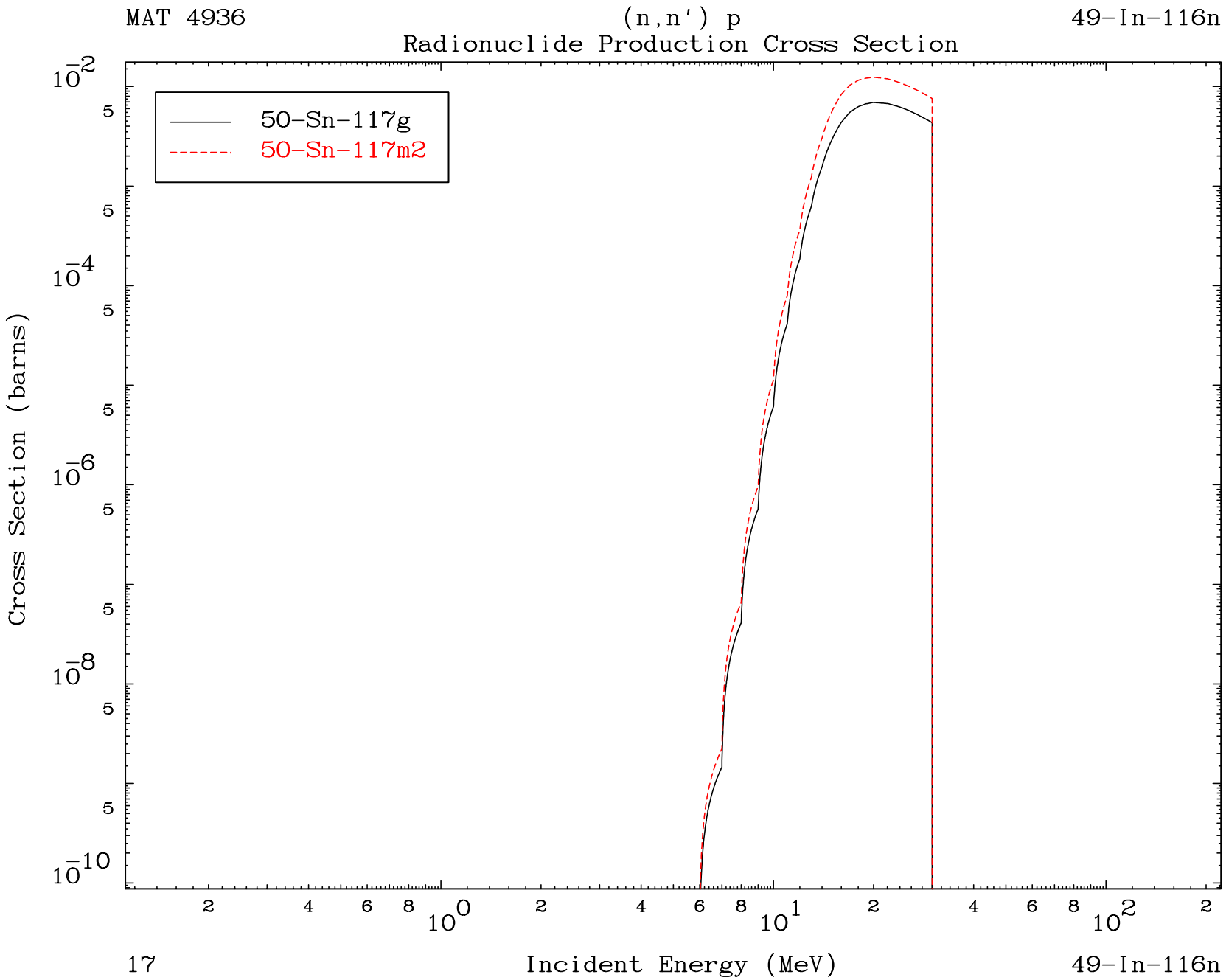

MAT 4936
Inelastic
49-In-116n
Radionuclide Production Cross Section
51-Sb-118g
51-Sb-118m7
Cross Section (barns)
Incident Energy (MeV)
12
49-In-116n

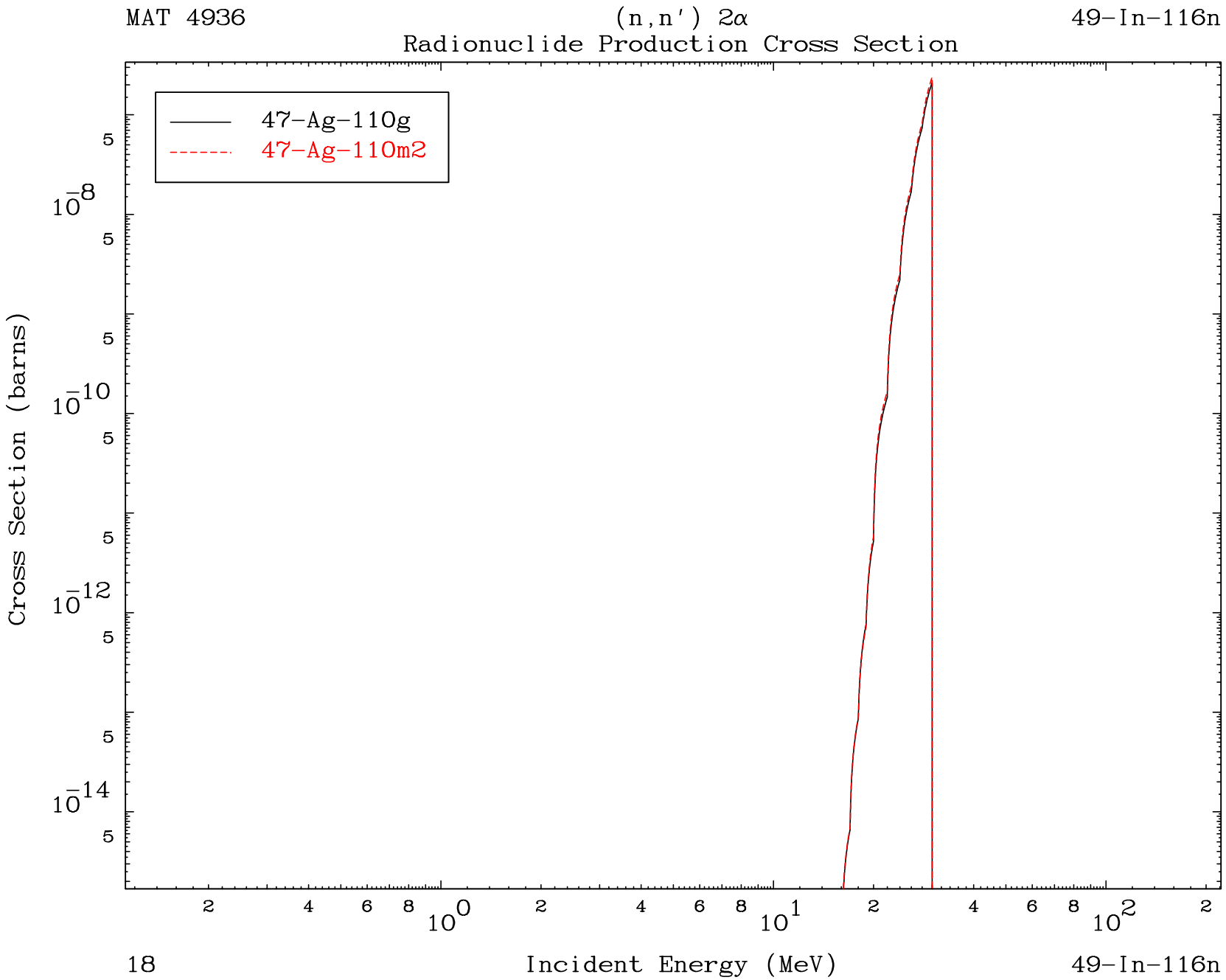

MAT 4936
(n,3n)
49-In-116n
Radionuclide Production Cross Section
Cross Section (barns)
10-2
10-3
10-4
10-5
10-6
10-7
10-8
5
2
3
4
5
6
7
8
9
10+2
2
51-Sb-116g
51-Sb-116m3
13
Incident Energy (MeV)
49-In-116n

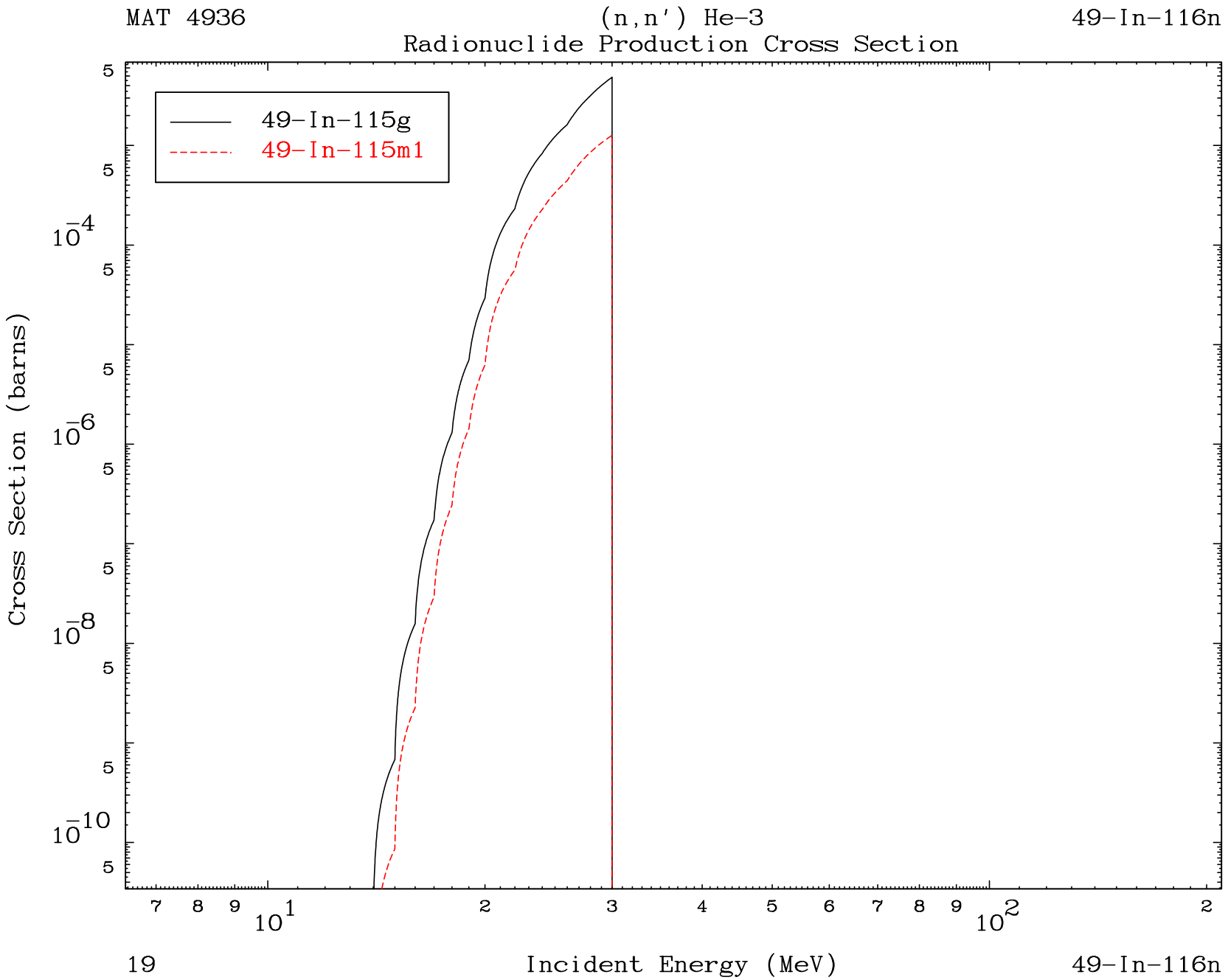

MAT 4936
(n,n') α
49-In-116n
Radionuclide Production Cross Section
49-In-114g
49-In-114m1
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
14
49-In-116n

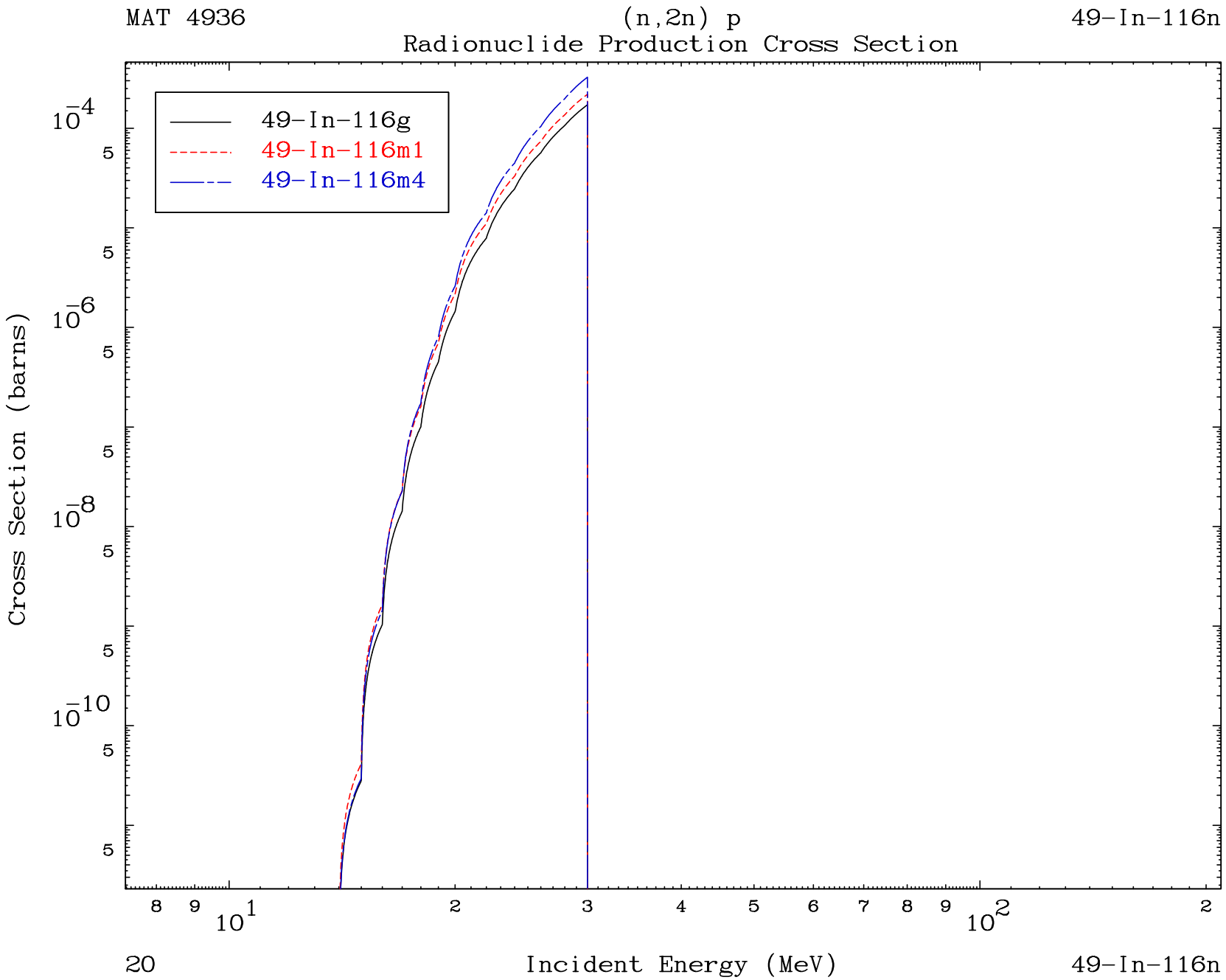

MAT 4936
(n,2n) α
49-In-116n
Radionuclide Production Cross Section
49-In-113g
49-In-113m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
15
49-In-116n

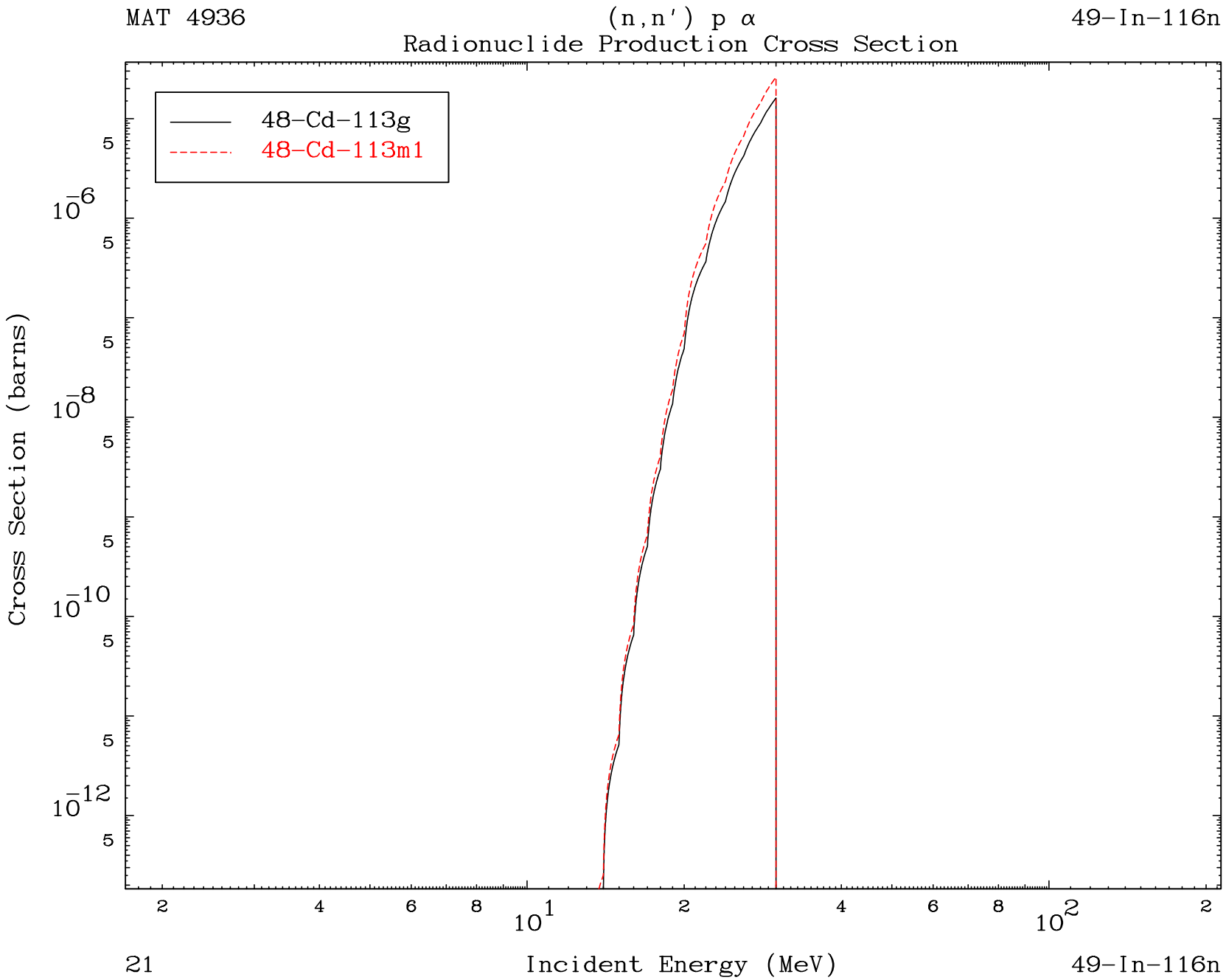

MAT 4936
(n,3n) α
49-In-116n
Radionuclide Production Cross Section
49-In-112g
49-In-112m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
16
Incident Energy (MeV)
49-In-116n

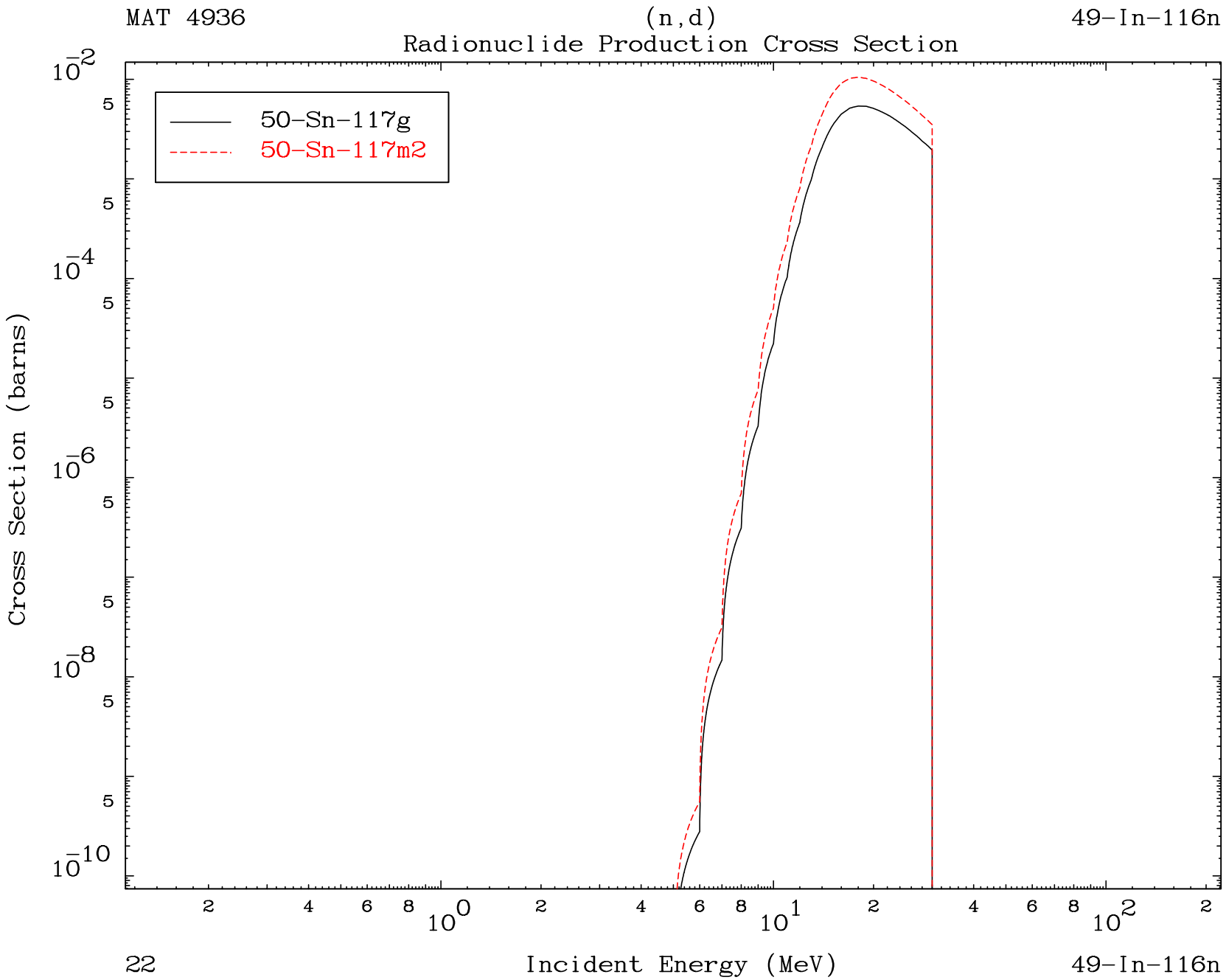

MAT 4936
(n,n') p
49-In-116n
Radionuclide Production Cross Section
50-Sn-117g
50-Sn-117m2
Cross Section (barns)
Incident Energy (MeV)
17
49-In-116n

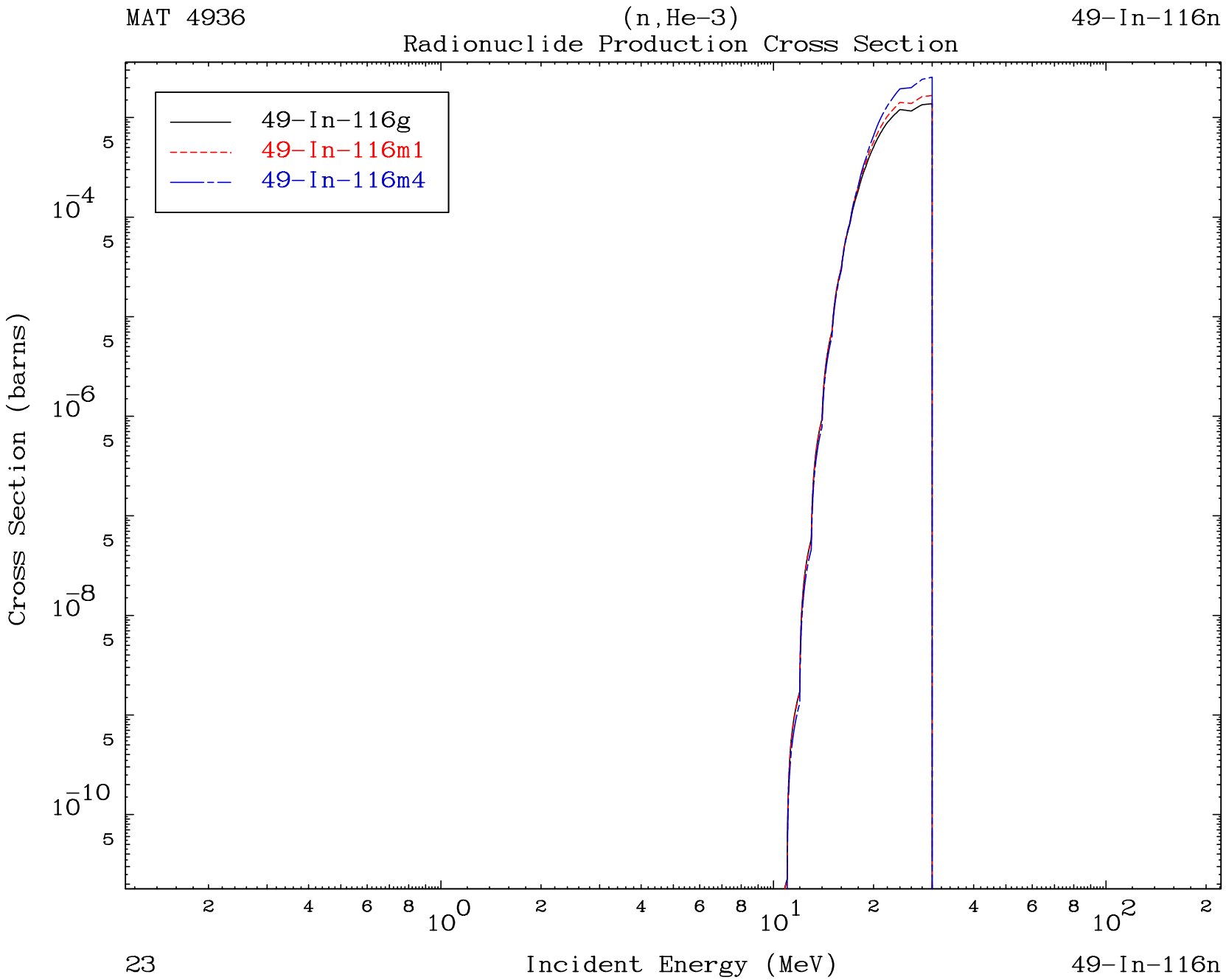

MAT 4936
(n,n') 2α
49-In-116n
Radionuclide Production Cross Section
47-Ag-110g
47-Ag-110m2
Cross Section (barns)
Incident Energy (MeV)
18
49-In-116n

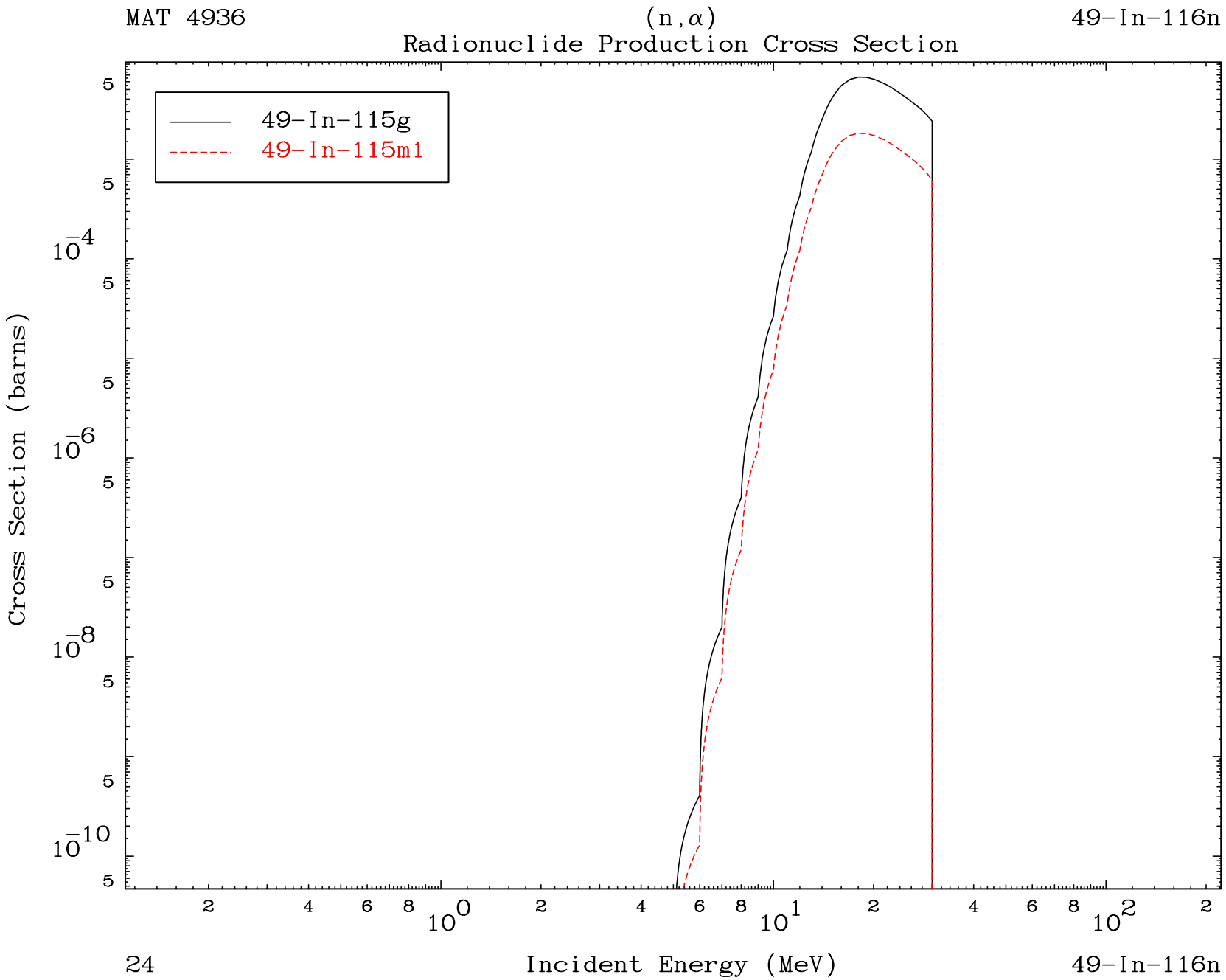

MAT 4936
(n,n') He-3
49-In-116n
Radionuclide Production Cross Section
49-In-115g
49-In-115m1
Cross Section (barns)
Incident Energy (MeV)
19
49-In-116n

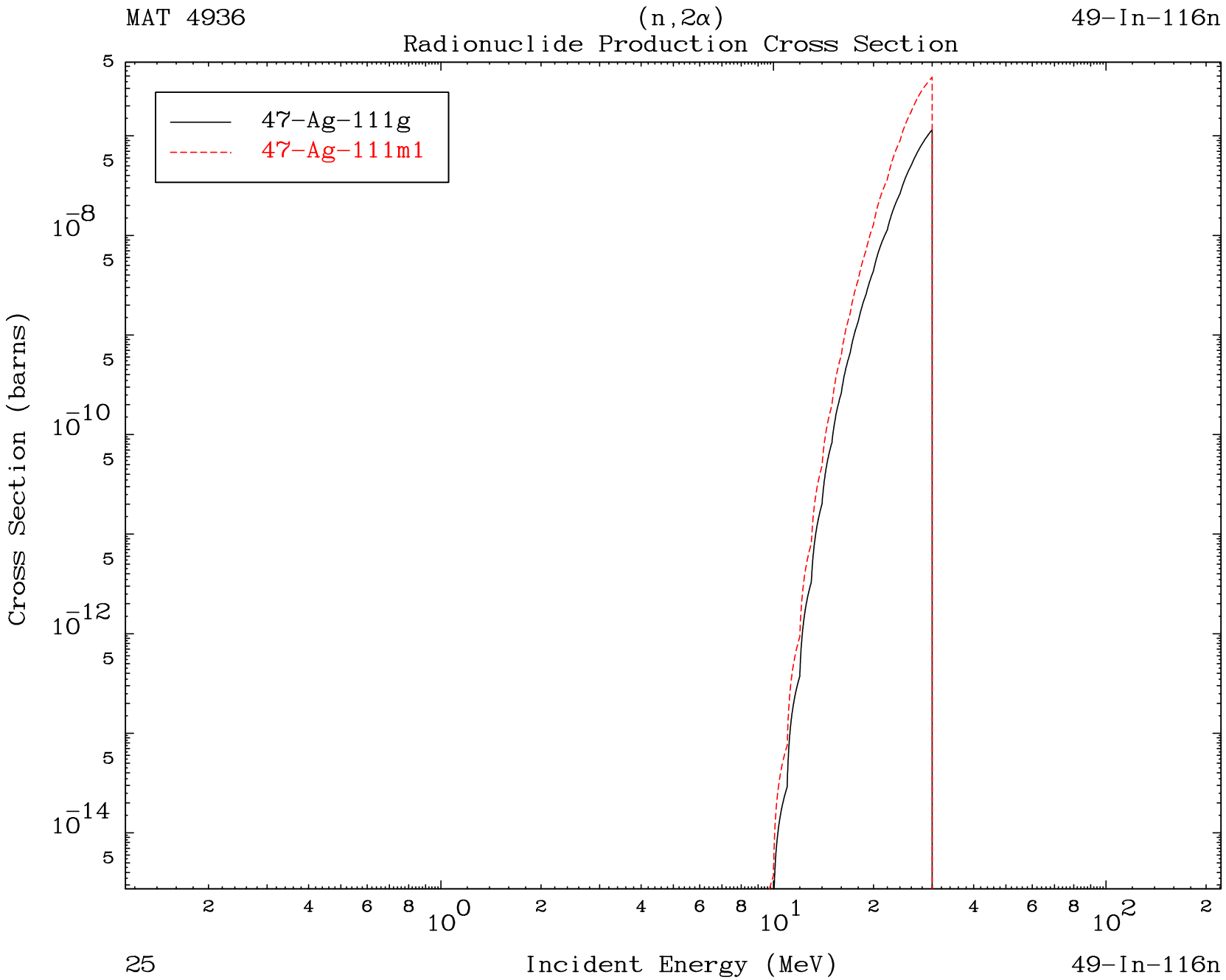

MAT 4936
(n,2n) p
49-In-116n
Radionuclide Production Cross Section
49-In-116g
49-In-116m1
49-In-116m4
Cross Section (barns)
Incident Energy (MeV)
20
49-In-116n

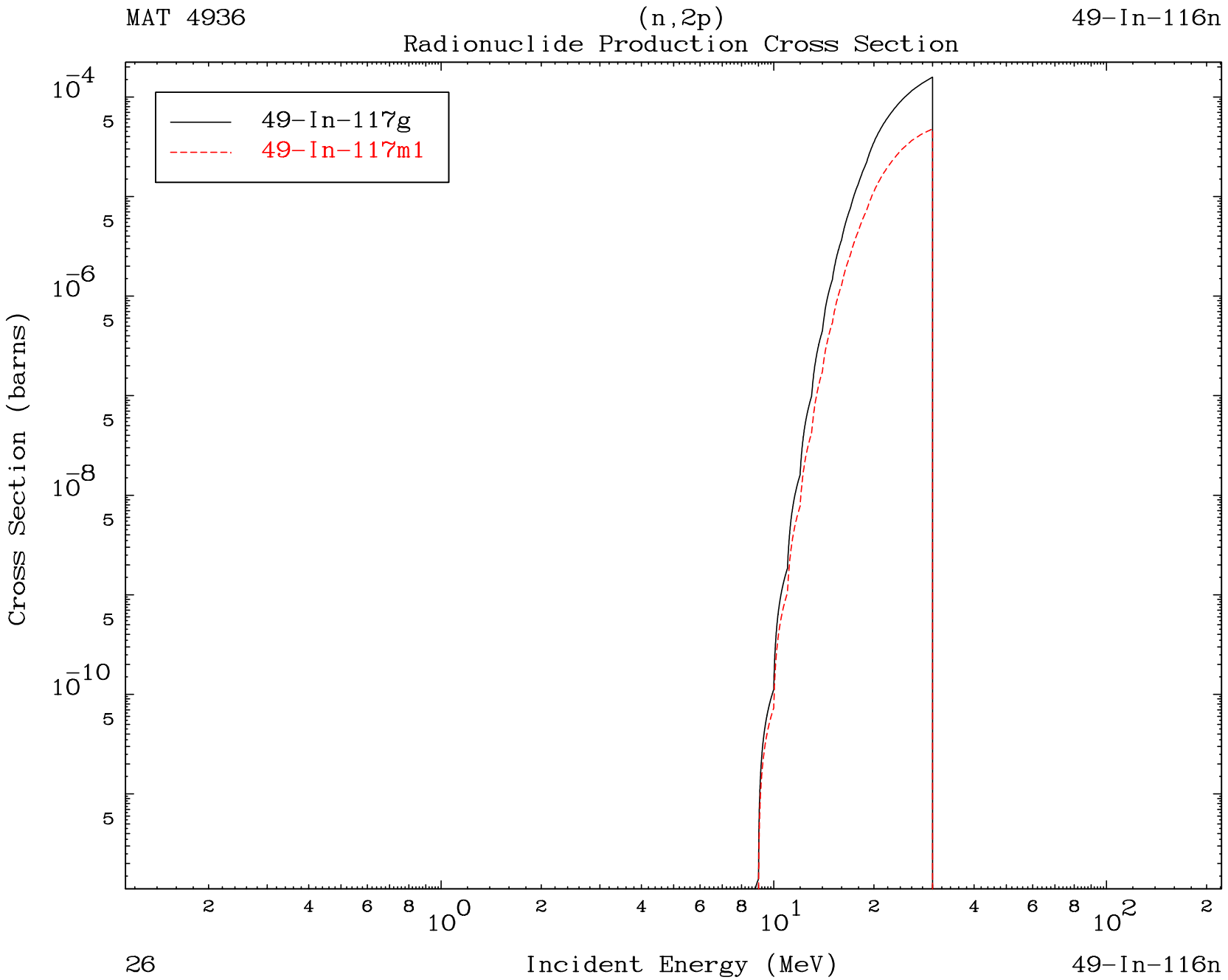

MAT 4936
(n,n') p α
49-In-116n
Radionuclide Production Cross Section
48-Cd-113g
48-Cd-113m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
4
6
8
10 1
10 2
21
Incident Energy (MeV)
49-In-116n

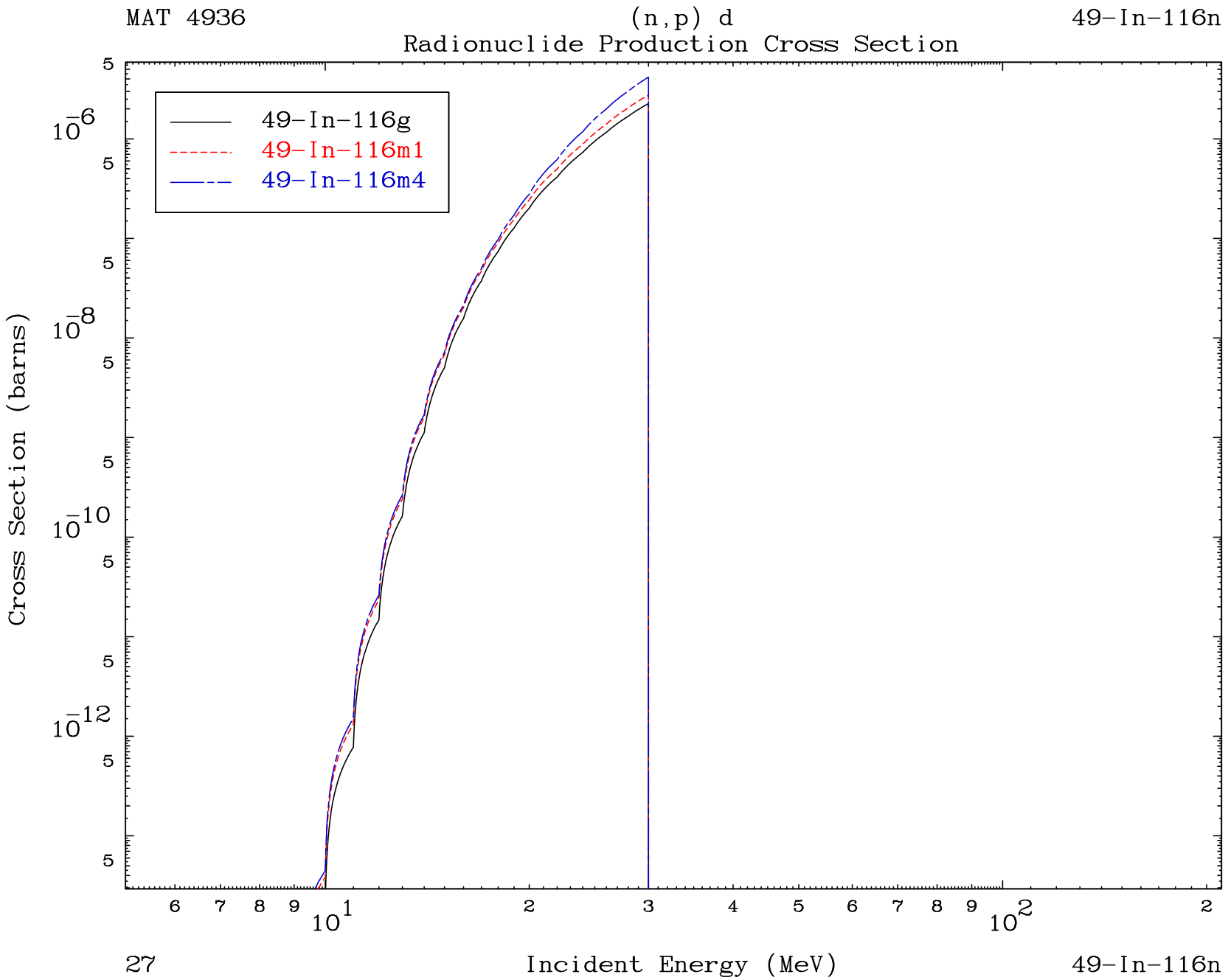

MAT 4936
(n,d)
49-In-116n
Radionuclide Production Cross Section
50-Sn-117g
50-Sn-117m2
Cross Section (barns)
Incident Energy (MeV)
22
49-In-116n

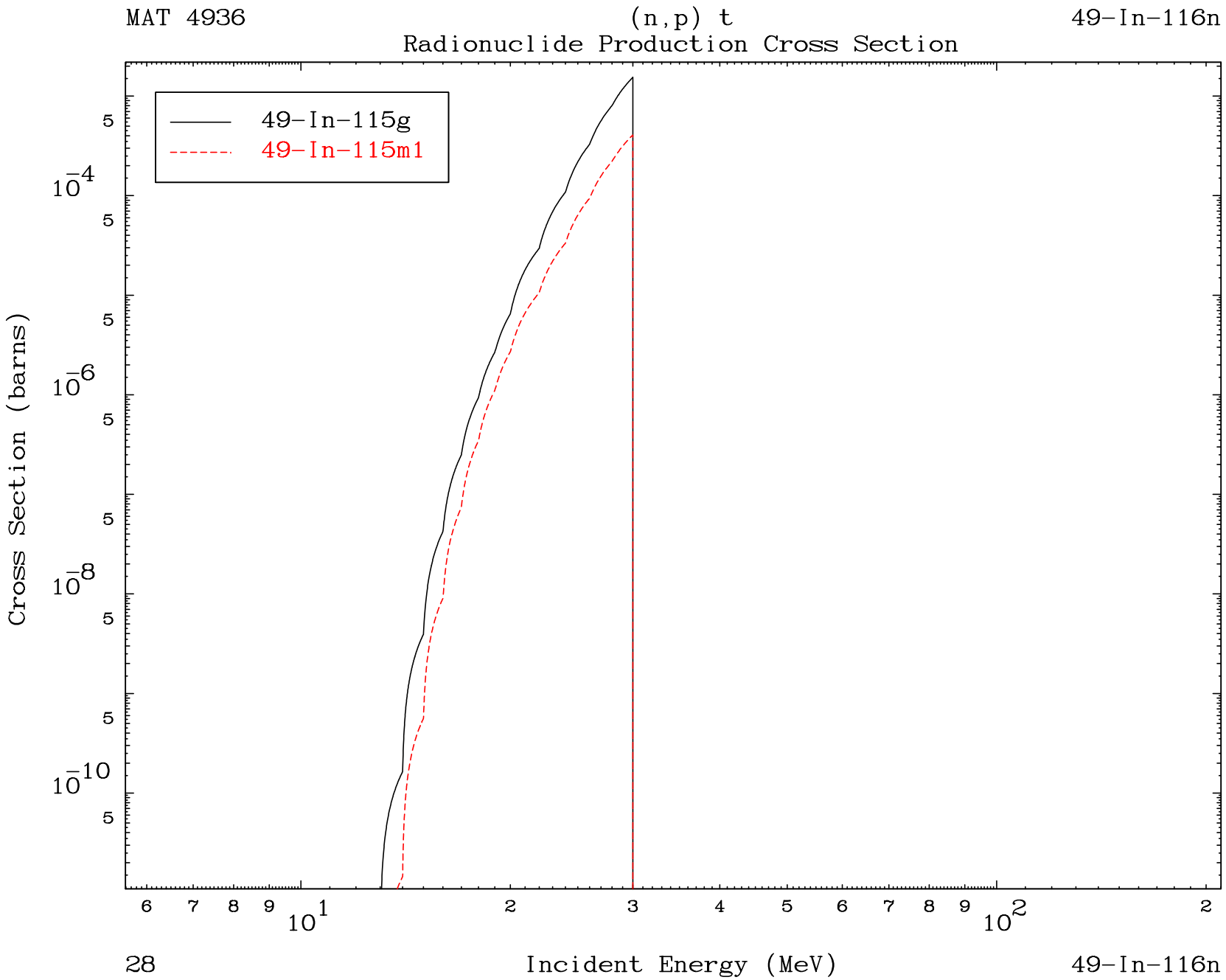

MAT 4936
(n,He-3)
49-In-116n
Radionuclide Production Cross Section
49-In-116g
49-In-116m1
49-In-116m4
Cross Section (barns)
Incident Energy (MeV)
23
49-In-116n

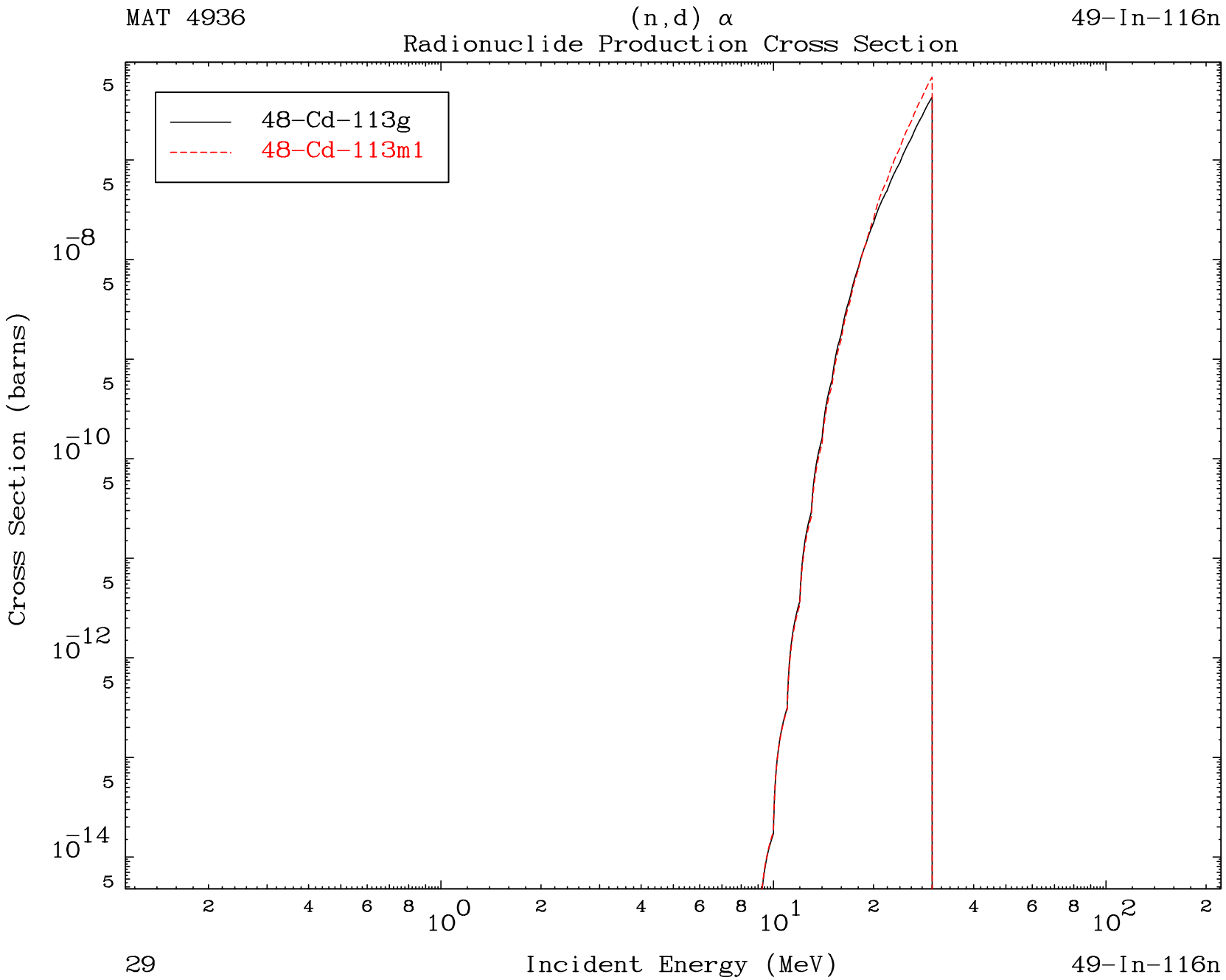

MAT 4936
(n,α)
49-In-116n
Radionuclide Production Cross Section
49-In-115g
49-In-115m1
Cross Section (barns)
Incident Energy (MeV)
24
49-In-116n


MAT 4936
(n,2α)
49-In-116n
Radionuclide Production Cross Section
47-Ag-111g
47-Ag-111m1
Cross Section (barns)
Incident Energy (MeV)
25
49-In-116n


MAT 4936
(n,2p)
49-In-116n
Radionuclide Production Cross Section
49-In-117g
49-In-117m1
Cross Section (barns)
Incident Energy (MeV)
26
49-In-116n


MAT 4936
(n,p) d
49-In-116n
Radionuclide Production Cross Section
49-In-116g
49-In-116m1
49-In-116m4
Cross Section (barns)
Incident Energy (MeV)
27
49-In-116n


MAT 4936
(n,p) t
49-In-116n
Radionuclide Production Cross Section
49-In-115g
49-In-115m1
Cross Section (barns)
Incident Energy (MeV)
28
49-In-116n


MAT 4936
(n,d) α
49-In-116n
Radionuclide Production Cross Section
48-Cd-113g
48-Cd-113m1
Cross Section (barns)
Incident Energy (MeV)
29
49-In-116n