Program EVALPLOT
(Version 2018-1)
by
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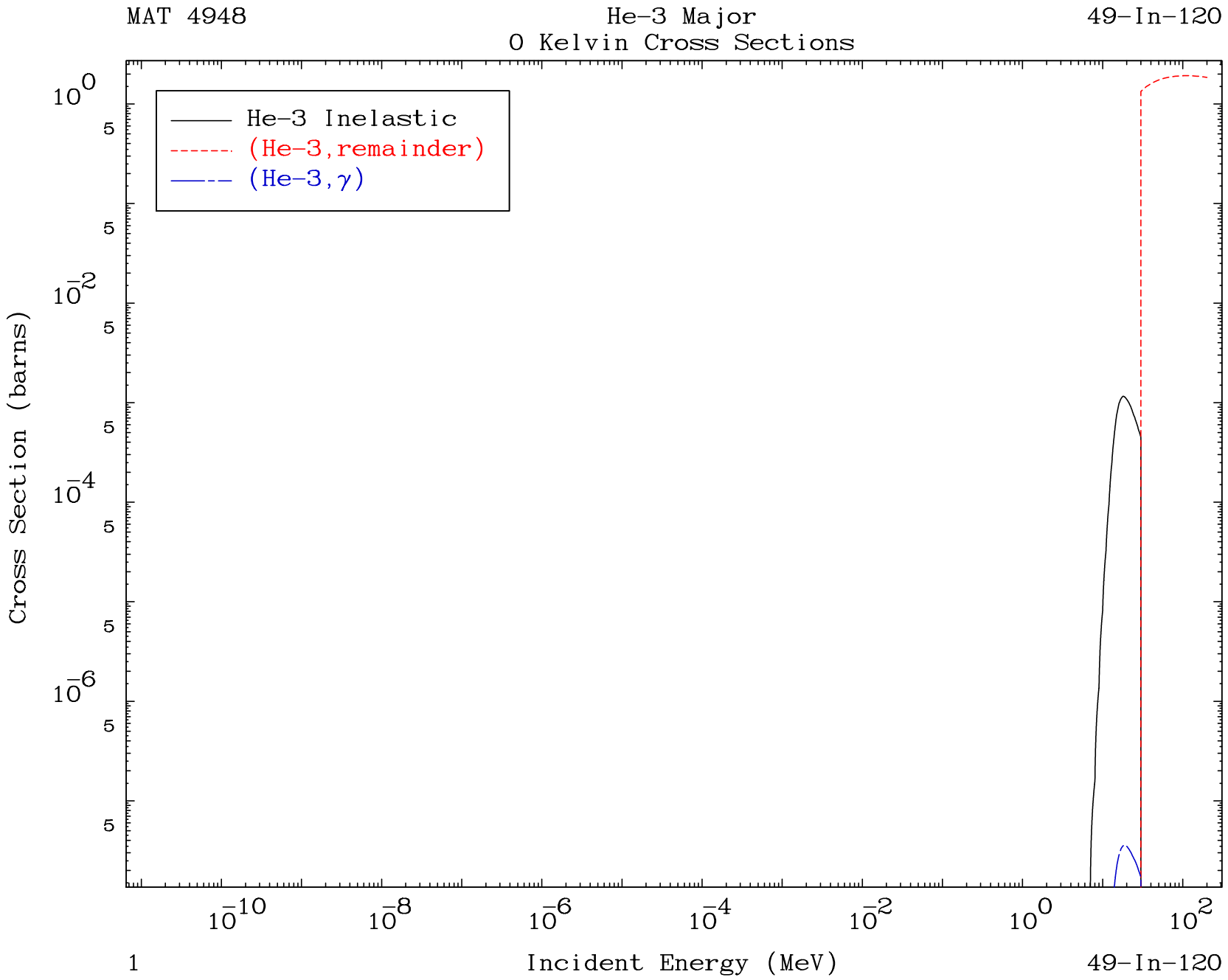
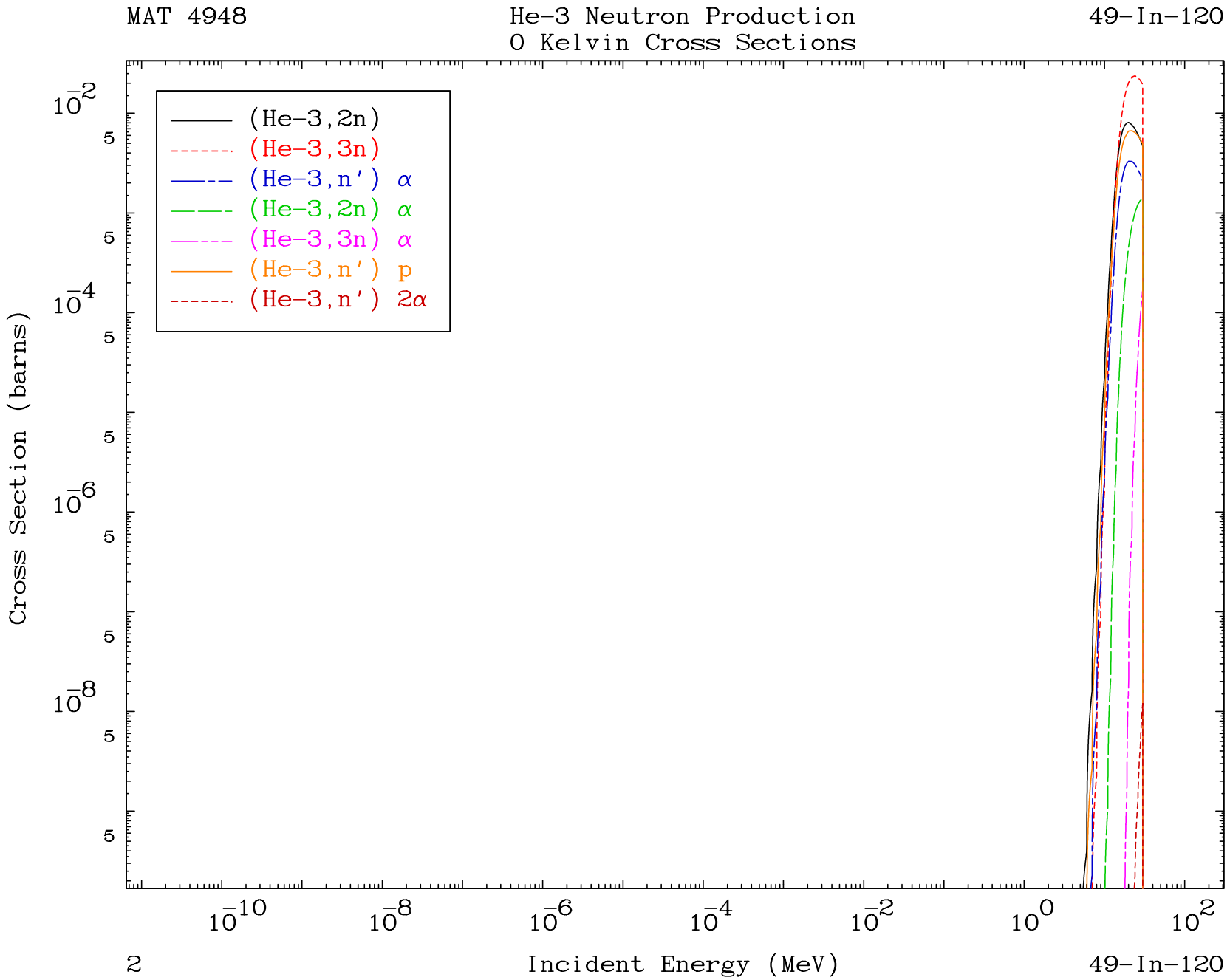
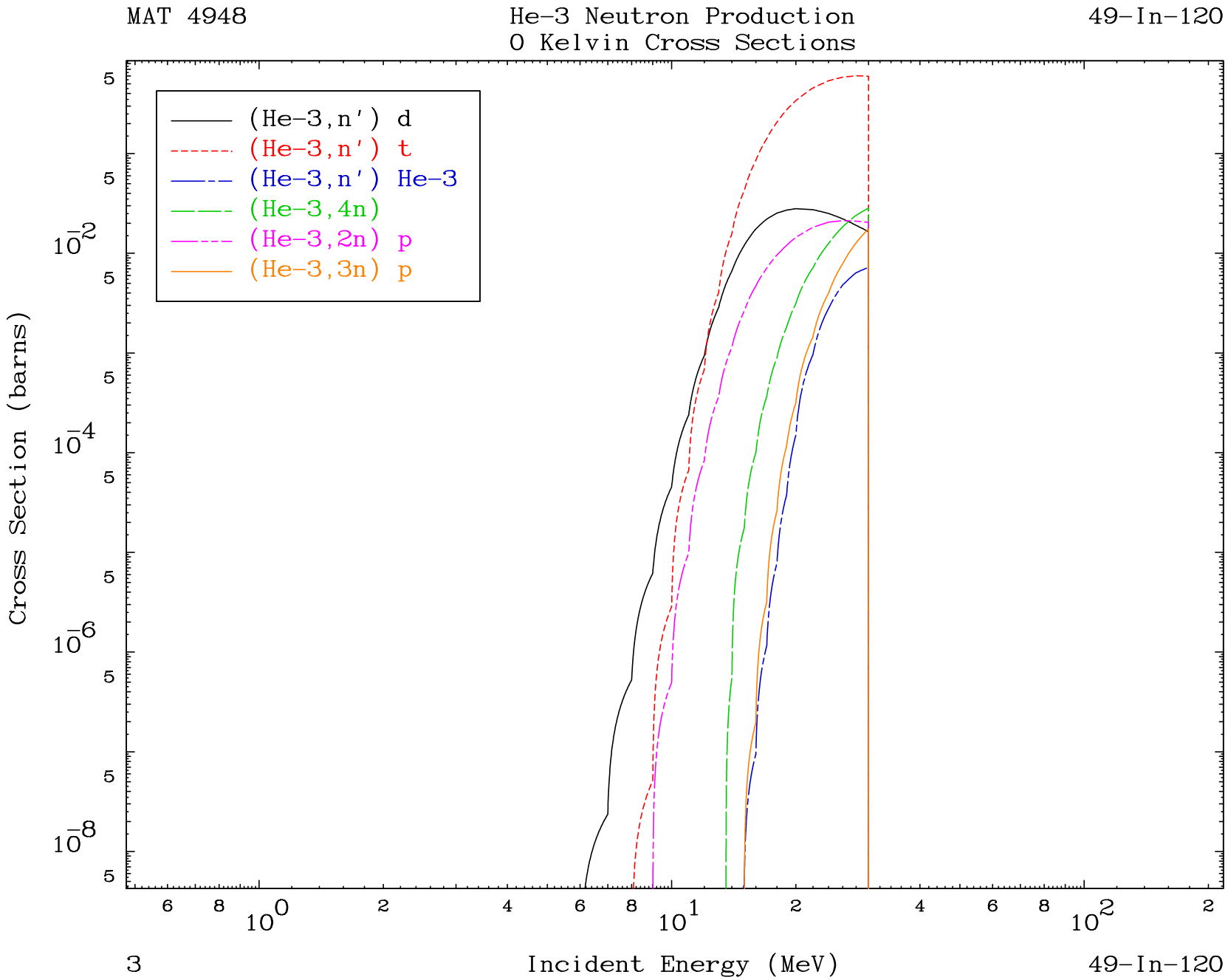
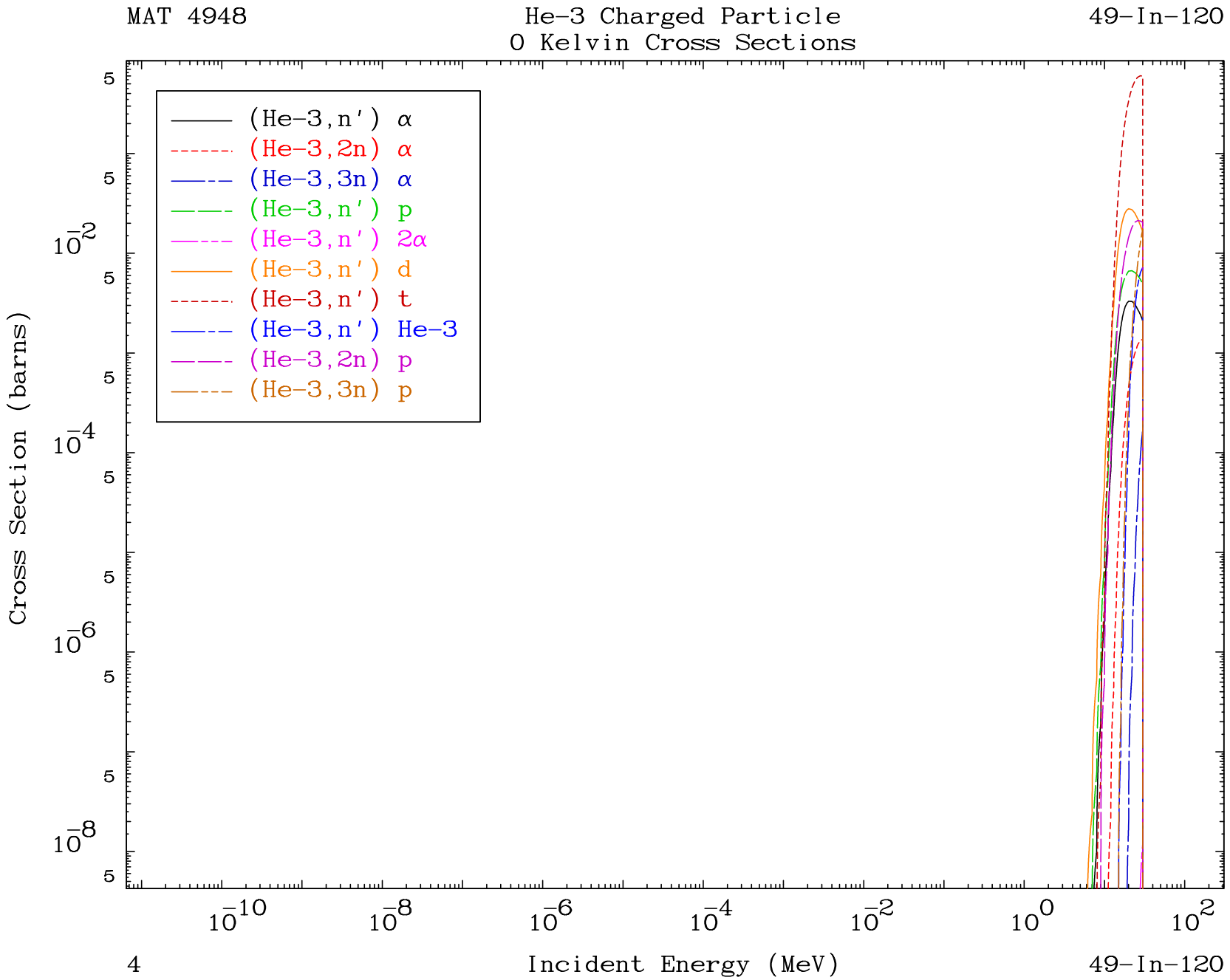
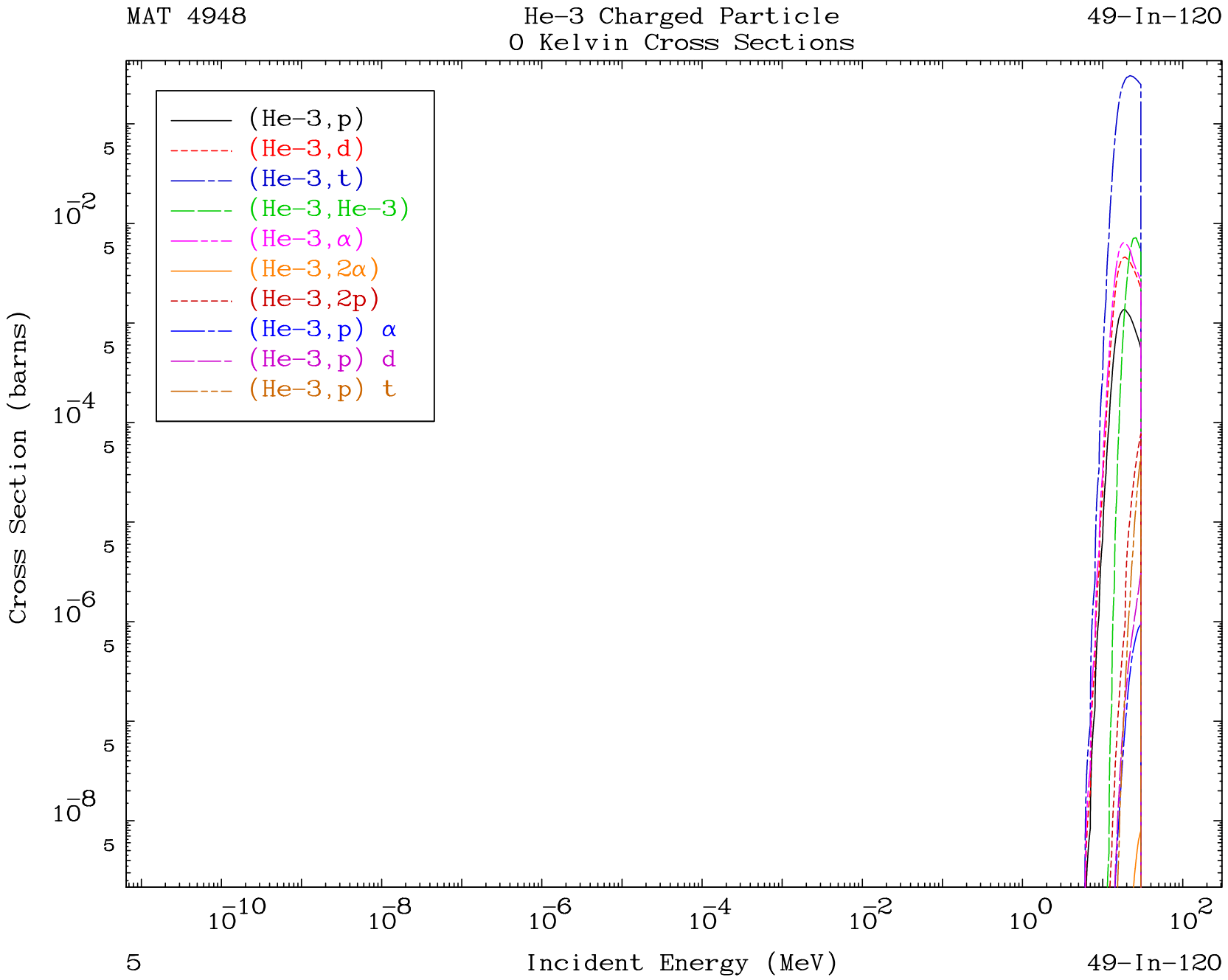
Press Mouse Button to Start

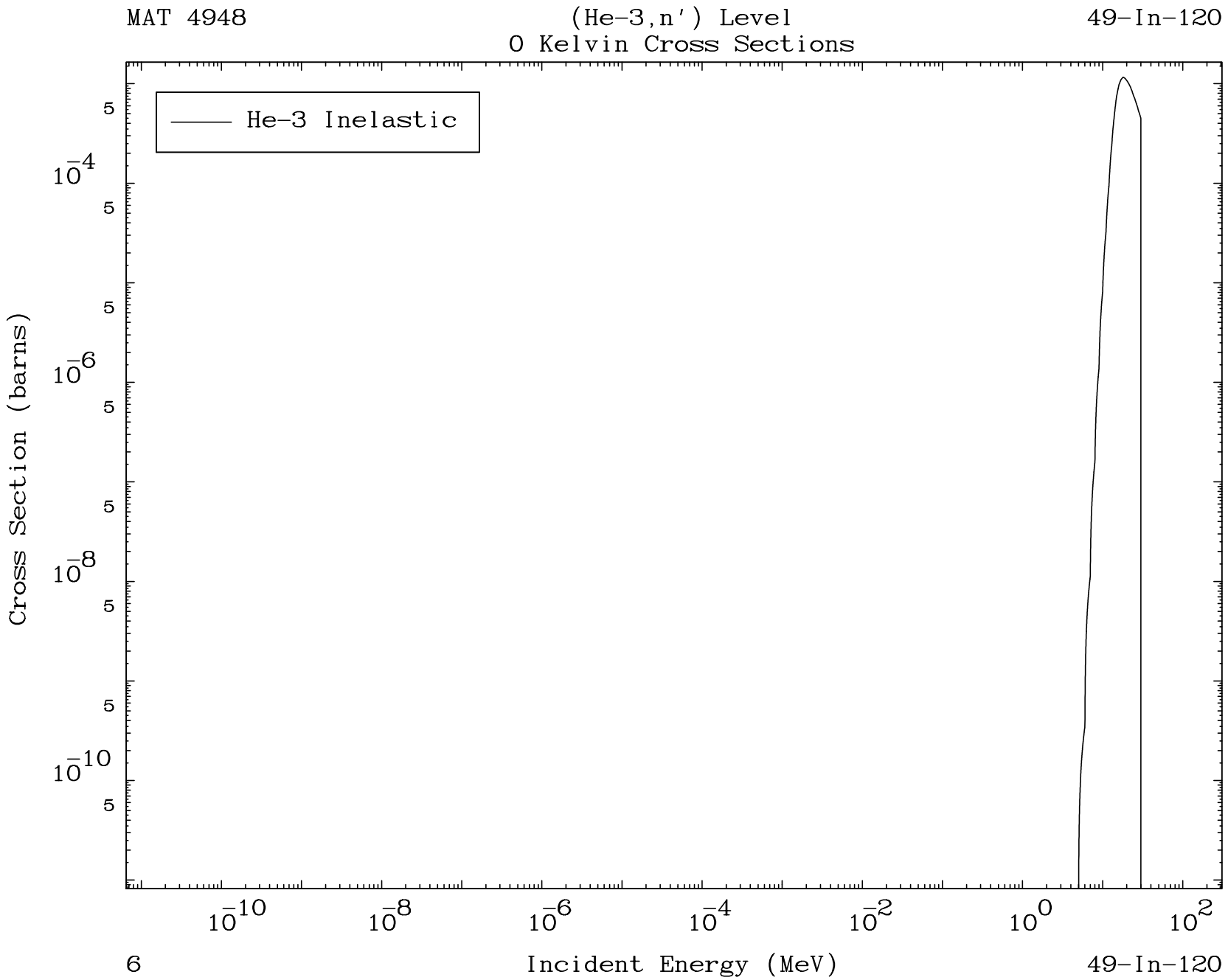

MAT 4948
He-3 Major
49-In-120
0 Kelvin Cross Sections
He-3 Inelastic
(He-3,remainder)
(He-3,γ)
Cross Section (barns)
Incident Energy (MeV)
1
49-In-120

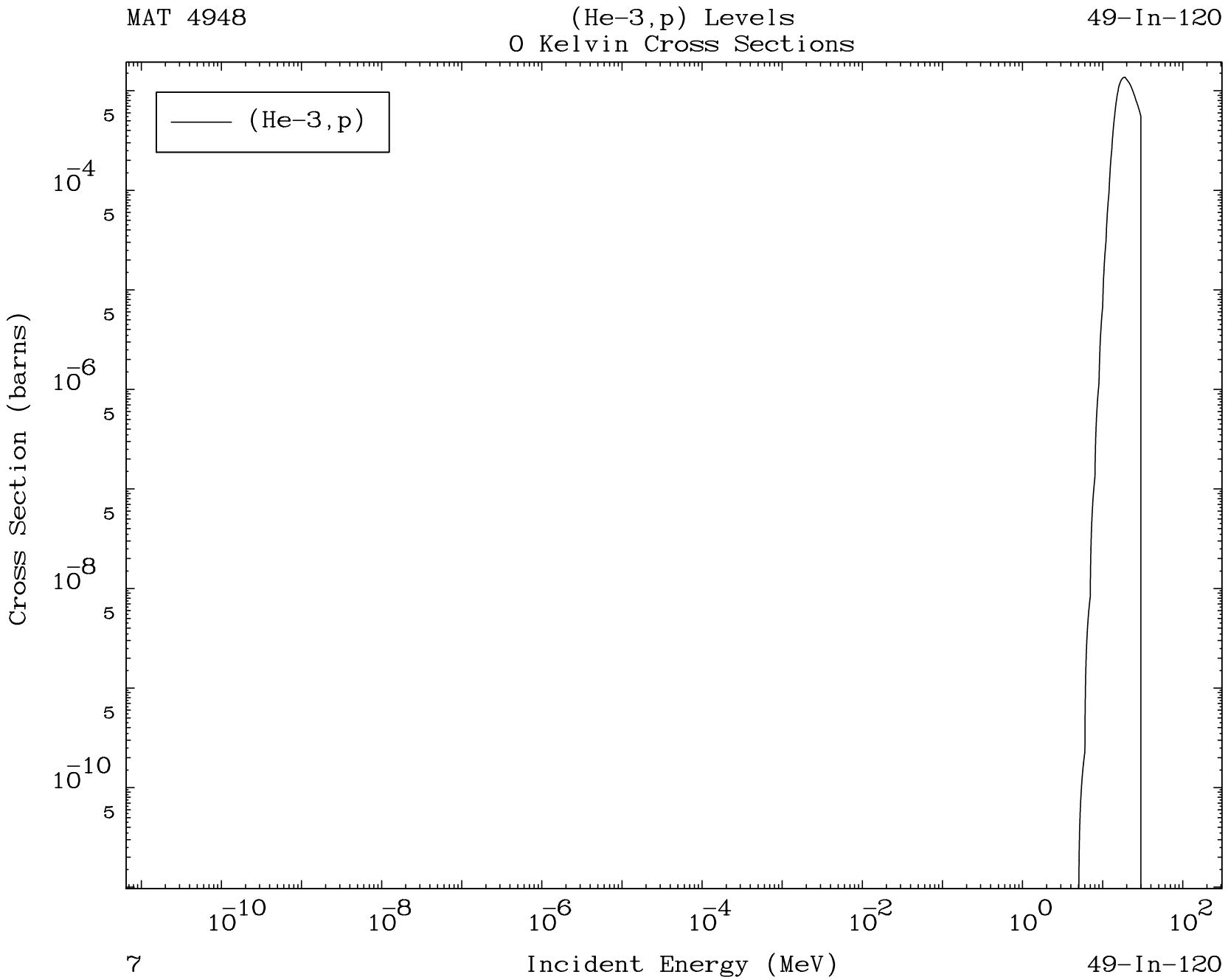

MAT 4948
He-3 Neutron Production
0 Kelvin Cross Sections
49-In-120
(He-3,2n)
(He-3,3n)
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
49-In-120

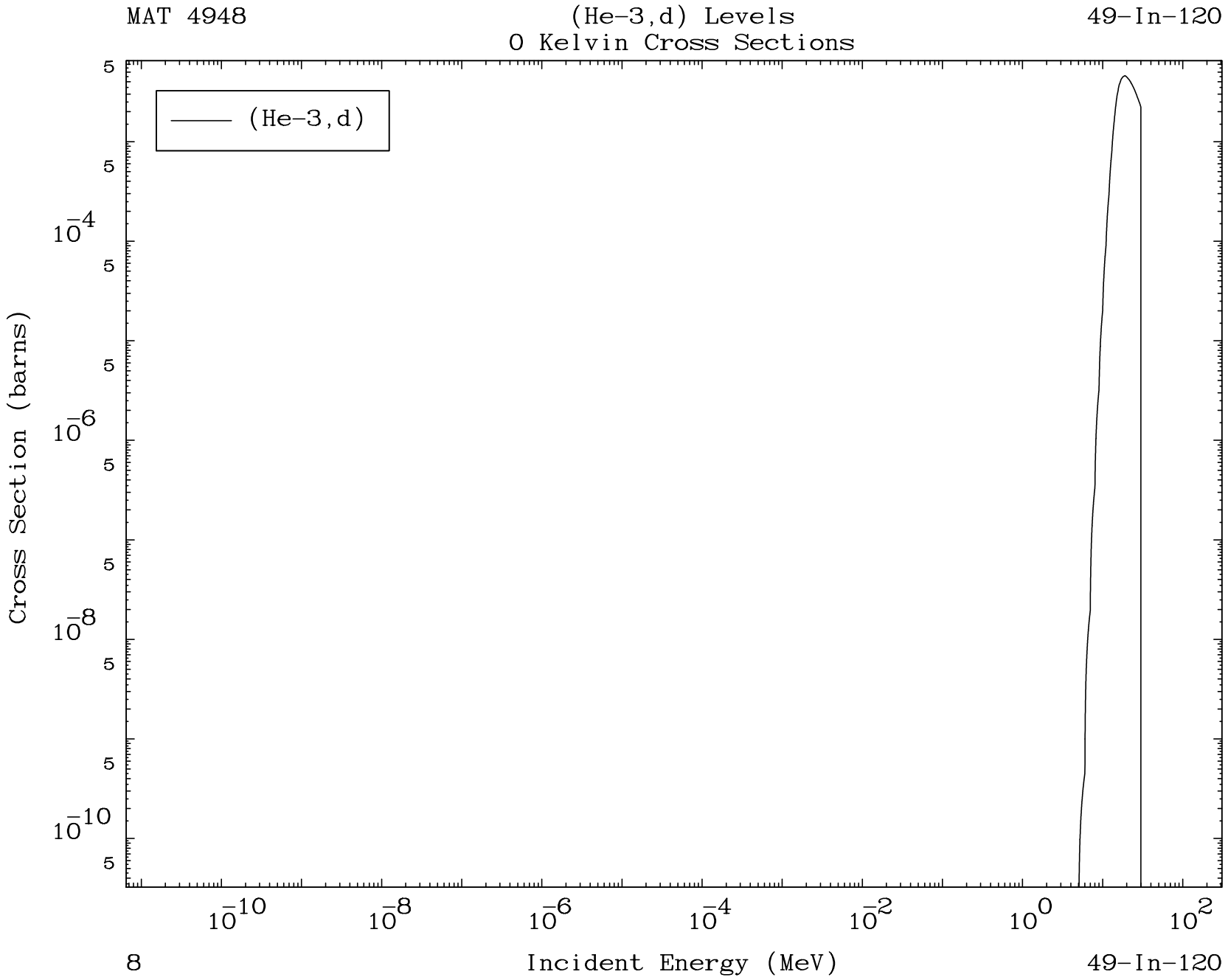

MAT 4948
He-3 Neutron Production
0 Kelvin Cross Sections
49-In-120
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,4n)
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
49-In-120

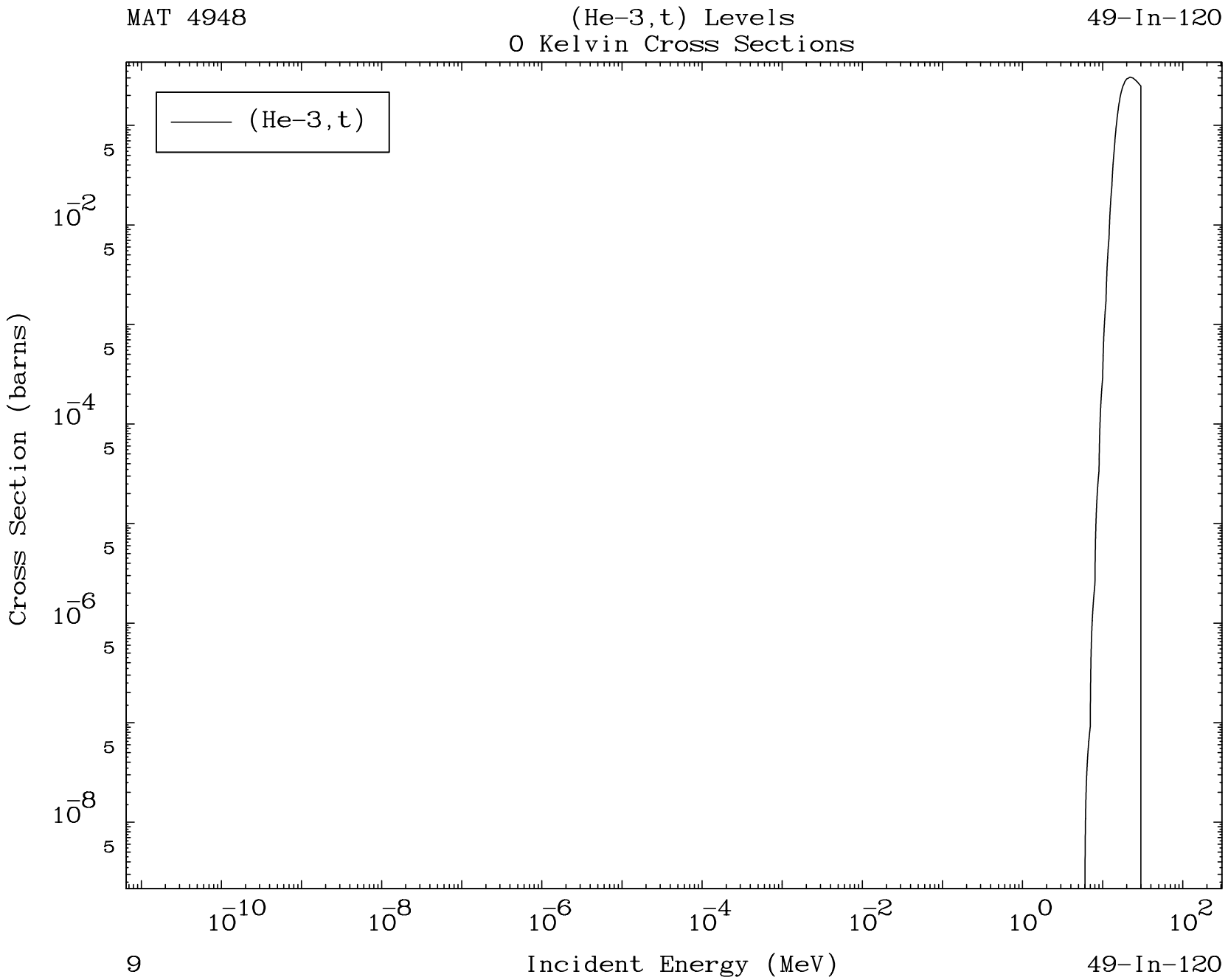

MAT 4948
He-3 Charged Particle
0 Kelvin Cross Sections
49-In-120
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') 2α
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
49-In-120

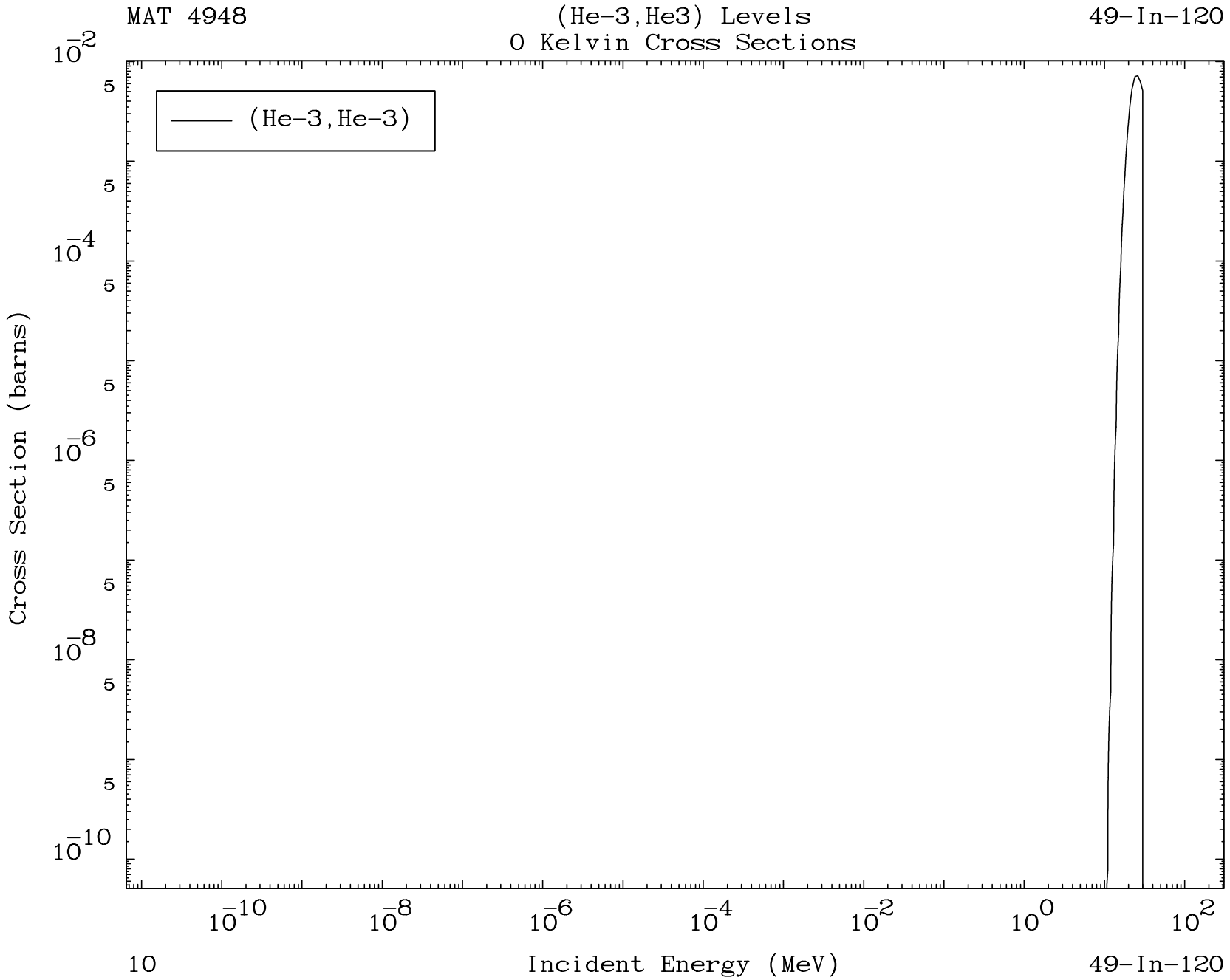

MAT 4948
He-3 Charged Particle
0 Kelvin Cross Sections
49-In-120
(He-3,p)
(He-3,d)
(He-3,t)
(He-3,He-3)
(He-3,α)
(He-3,2α)
(He-3,2p)
(He-3,p) α
(He-3,p) d
(He-3,p) t
Cross Section (barns)
Incident Energy (MeV)
49-In-120

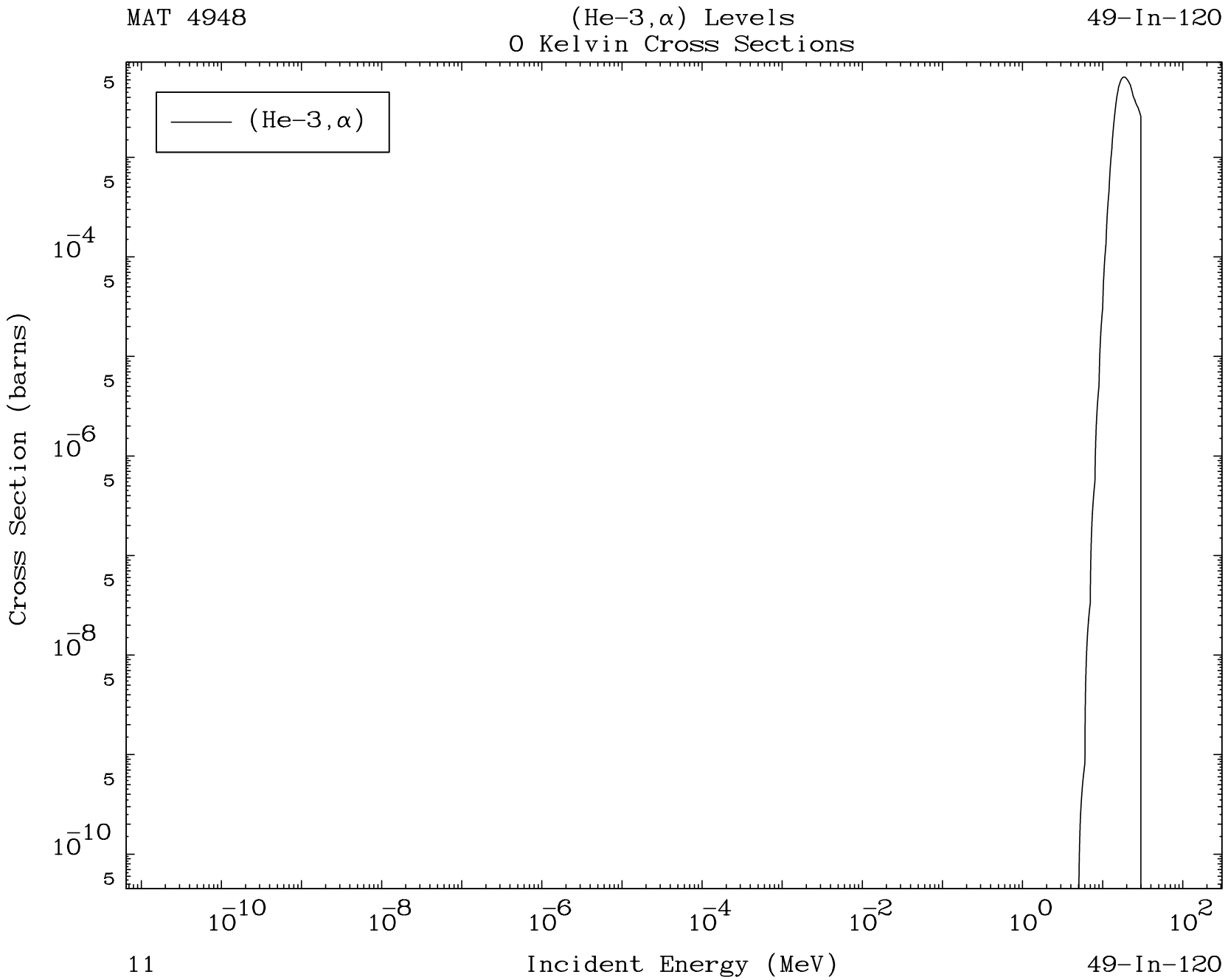

MAT 4948
(He-3,n') Level
49-In-120
0 Kelvin Cross Sections
He-3 Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
49-In-120

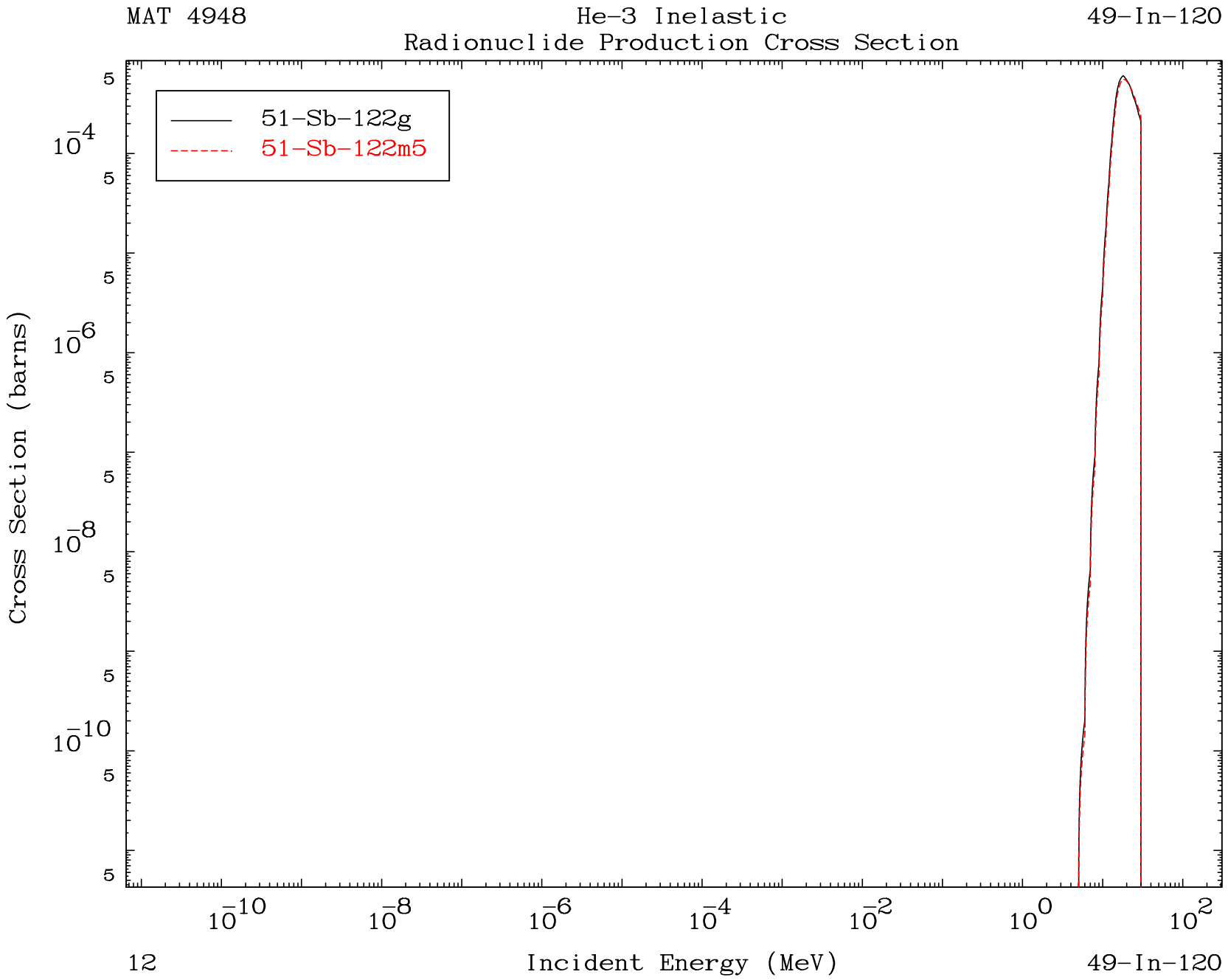

MAT 4948
(He-3,p) Levels
49-In-120
0 Kelvin Cross Sections
(He-3,p)
Cross Section (barns)
Incident Energy (MeV)
7
49-In-120

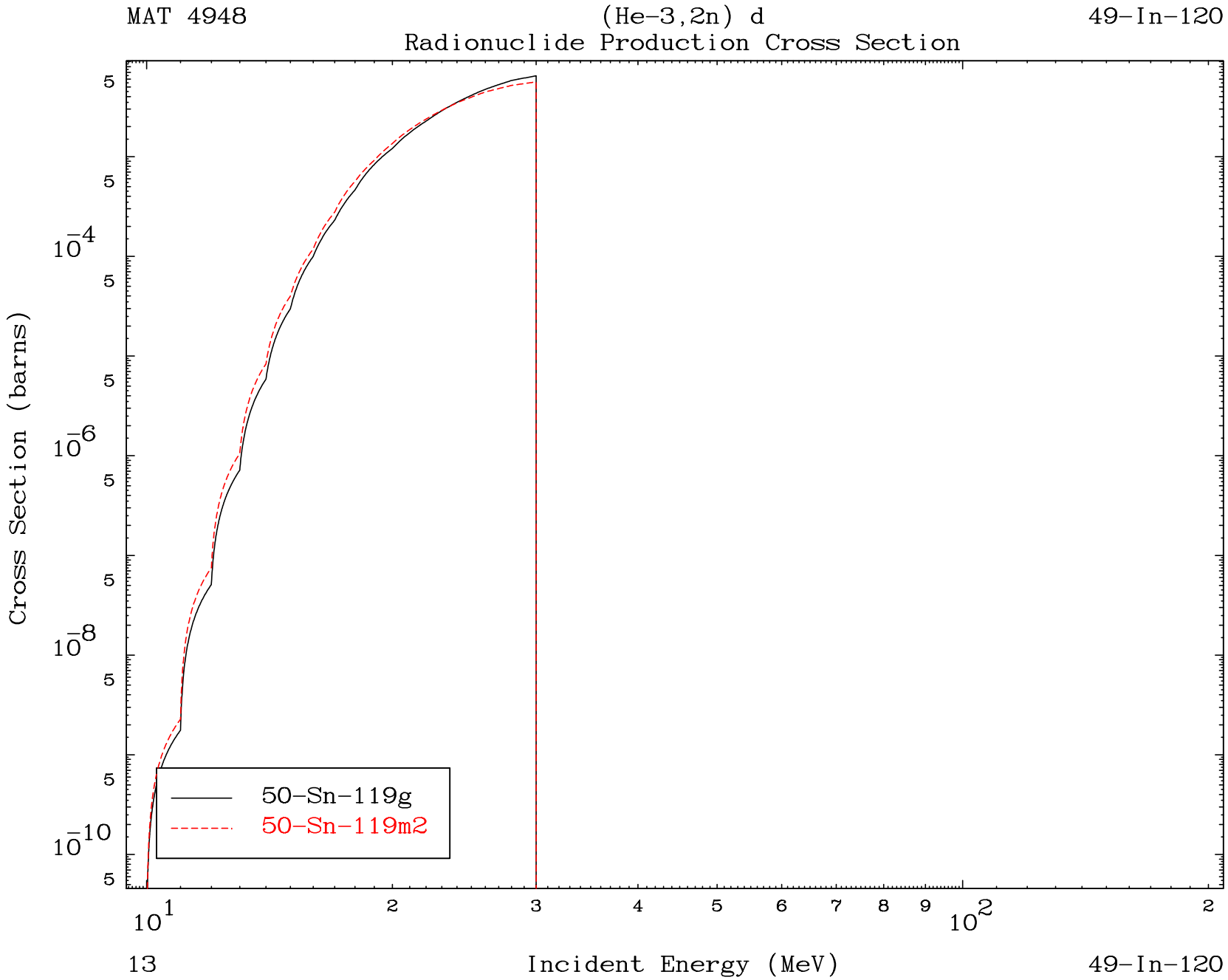

MAT 4948
(He-3,d) Levels
49-In-120
0 Kelvin Cross Sections
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)
8
49-In-120

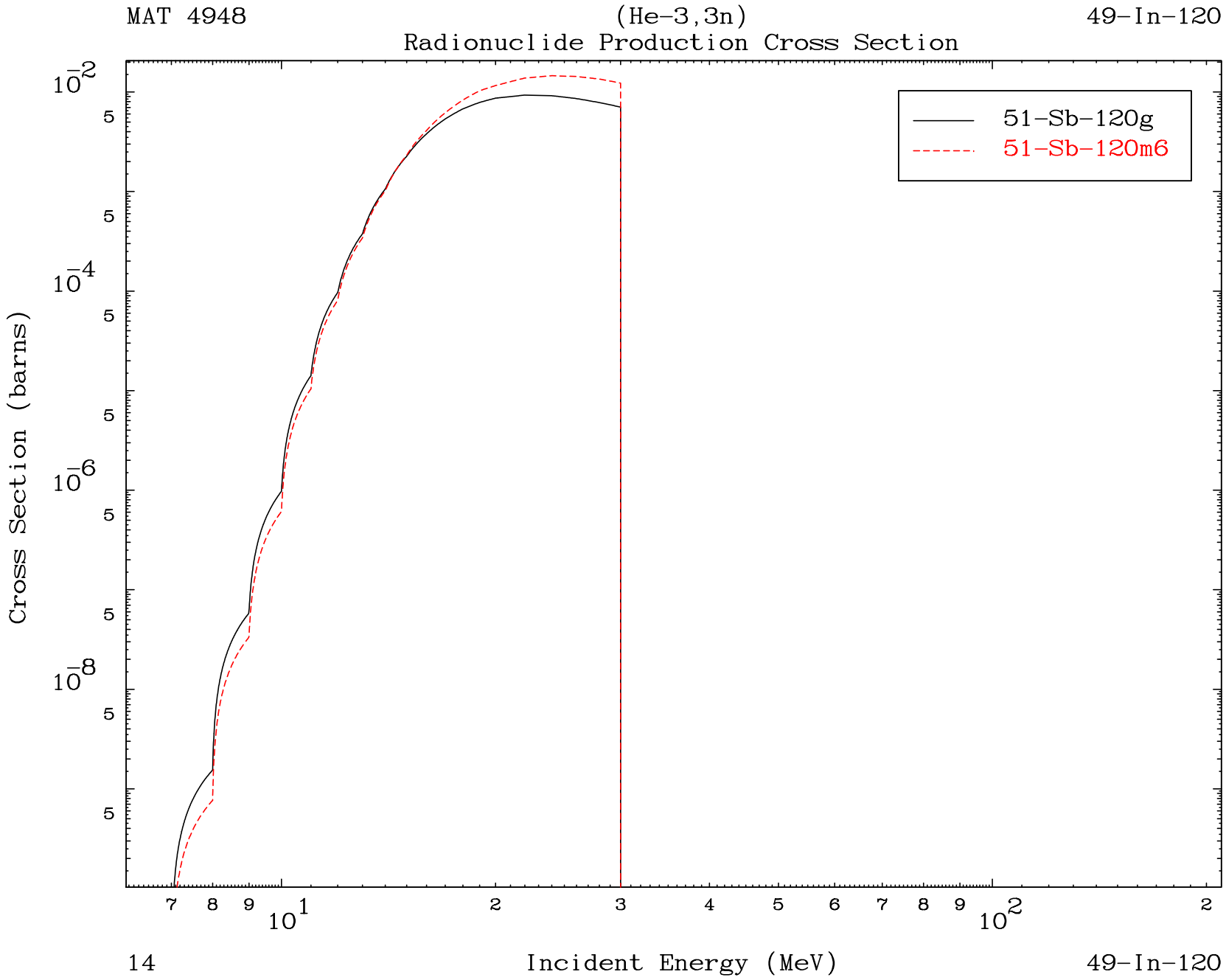

MAT 4948
(He-3,t) Levels
49-In-120
0 Kelvin Cross Sections
(He-3,t)
Cross Section (barns)
Incident Energy (MeV)
9
49-In-120

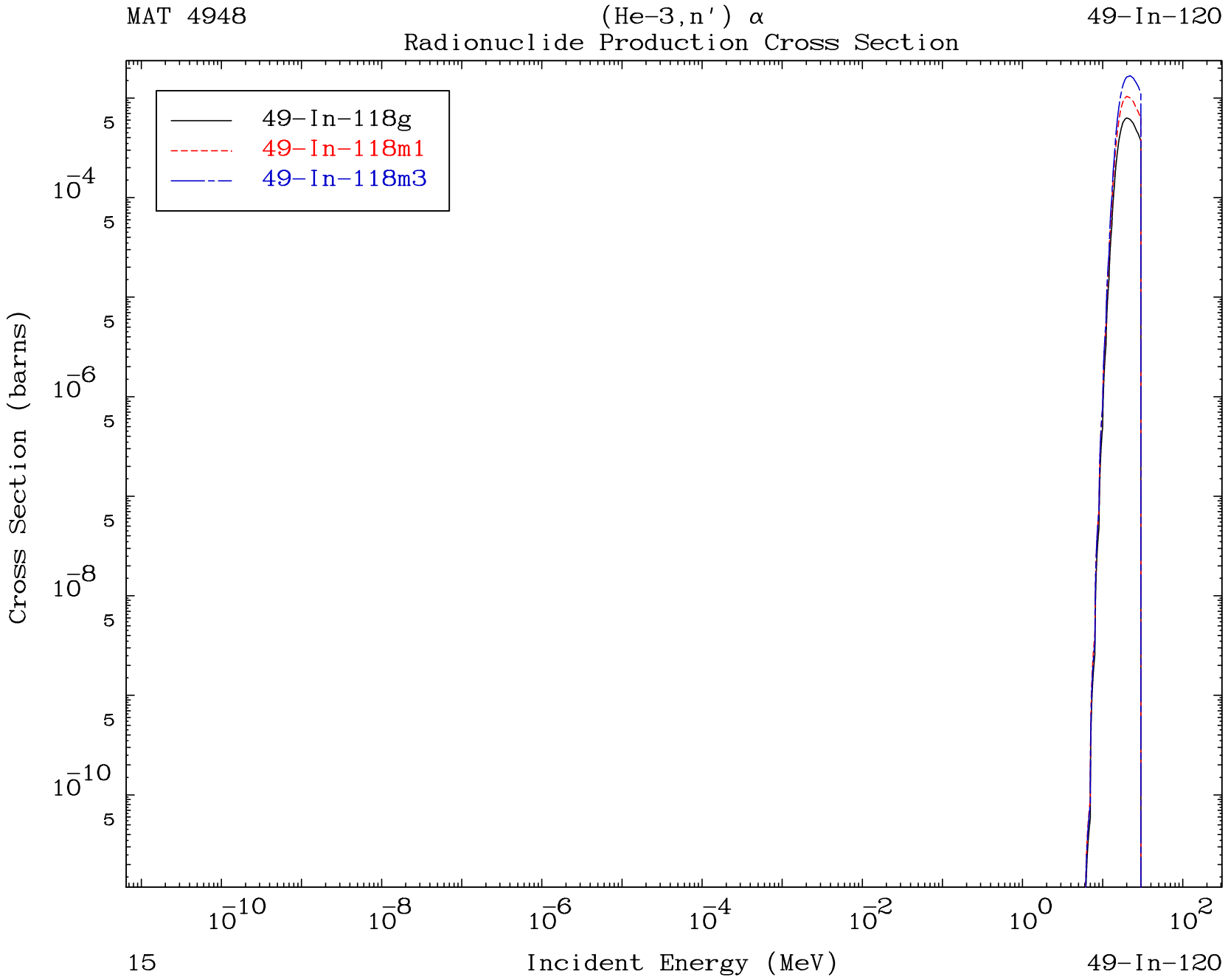

MAT 4948
(He-3,He3) Levels
49-In-120
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
49-In-120

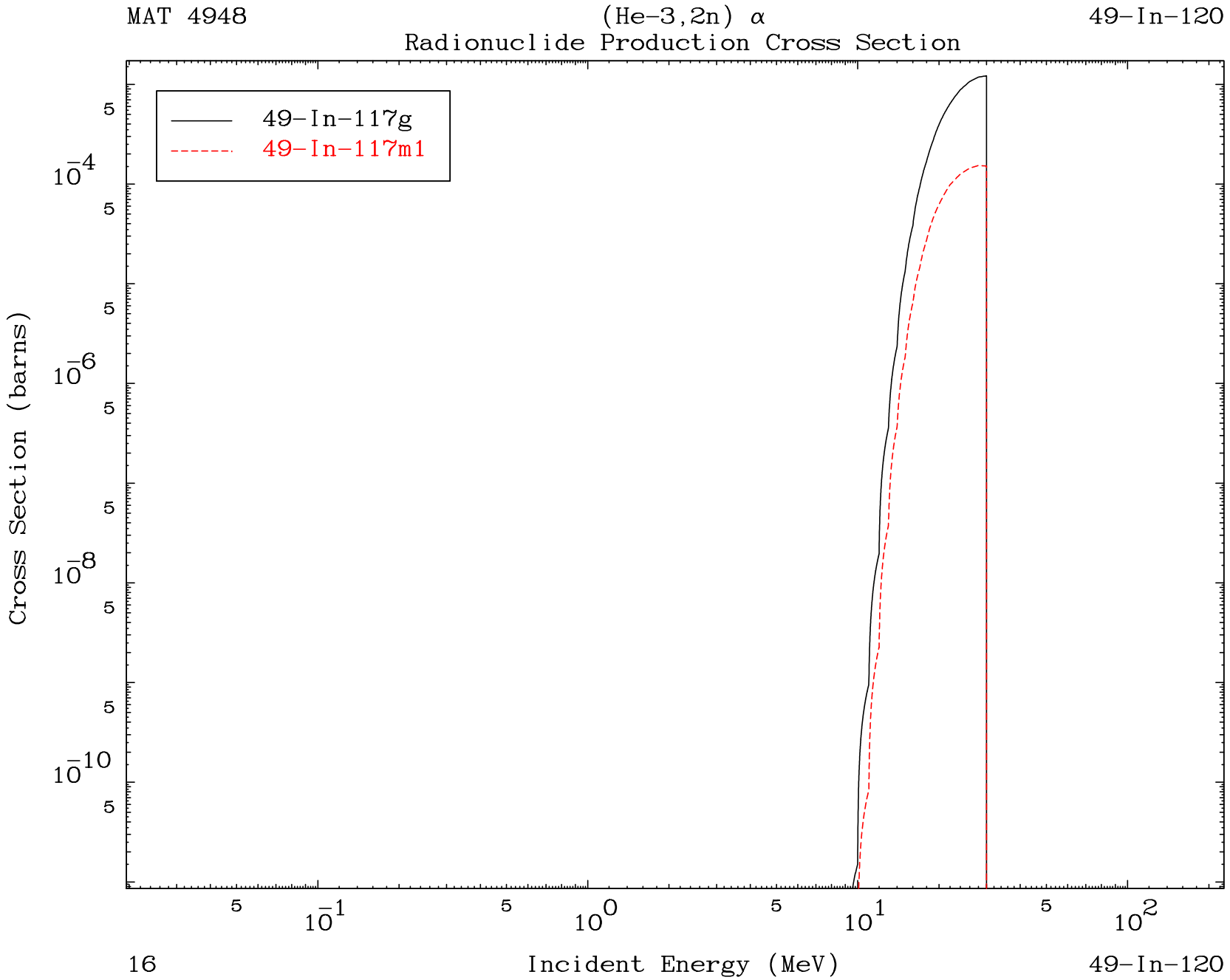

MAT 4948
(He-3,α) Levels
49-In-120
0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
Incident Energy (MeV)
11
49-In-120

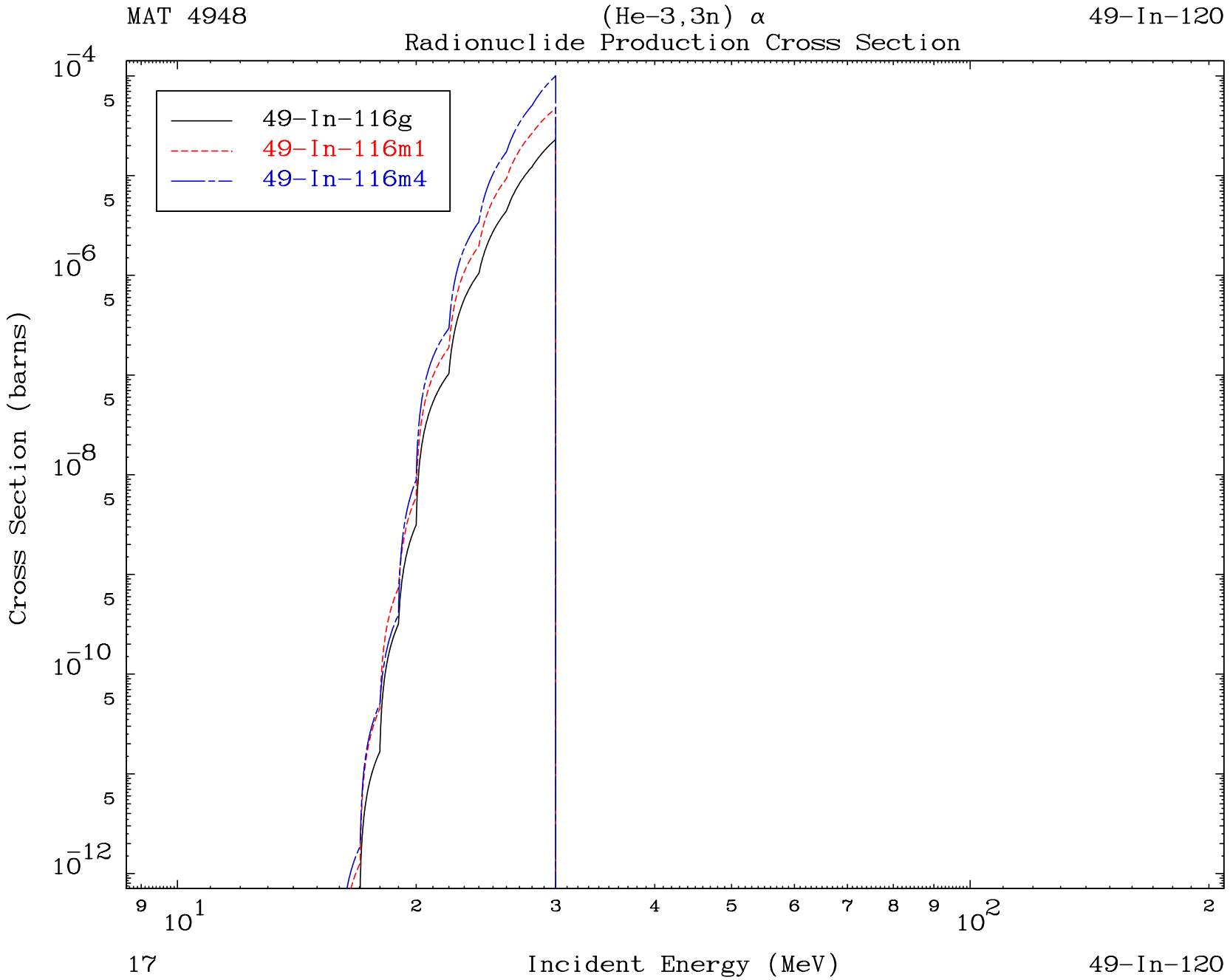

MAT 4948
He-3 Inelastic
49-In-120
Radionuclide Production Cross Section
51-Sb-122g
51-Sb-122m5
Cross Section (barns)
Incident Energy (MeV)
12
49-In-120

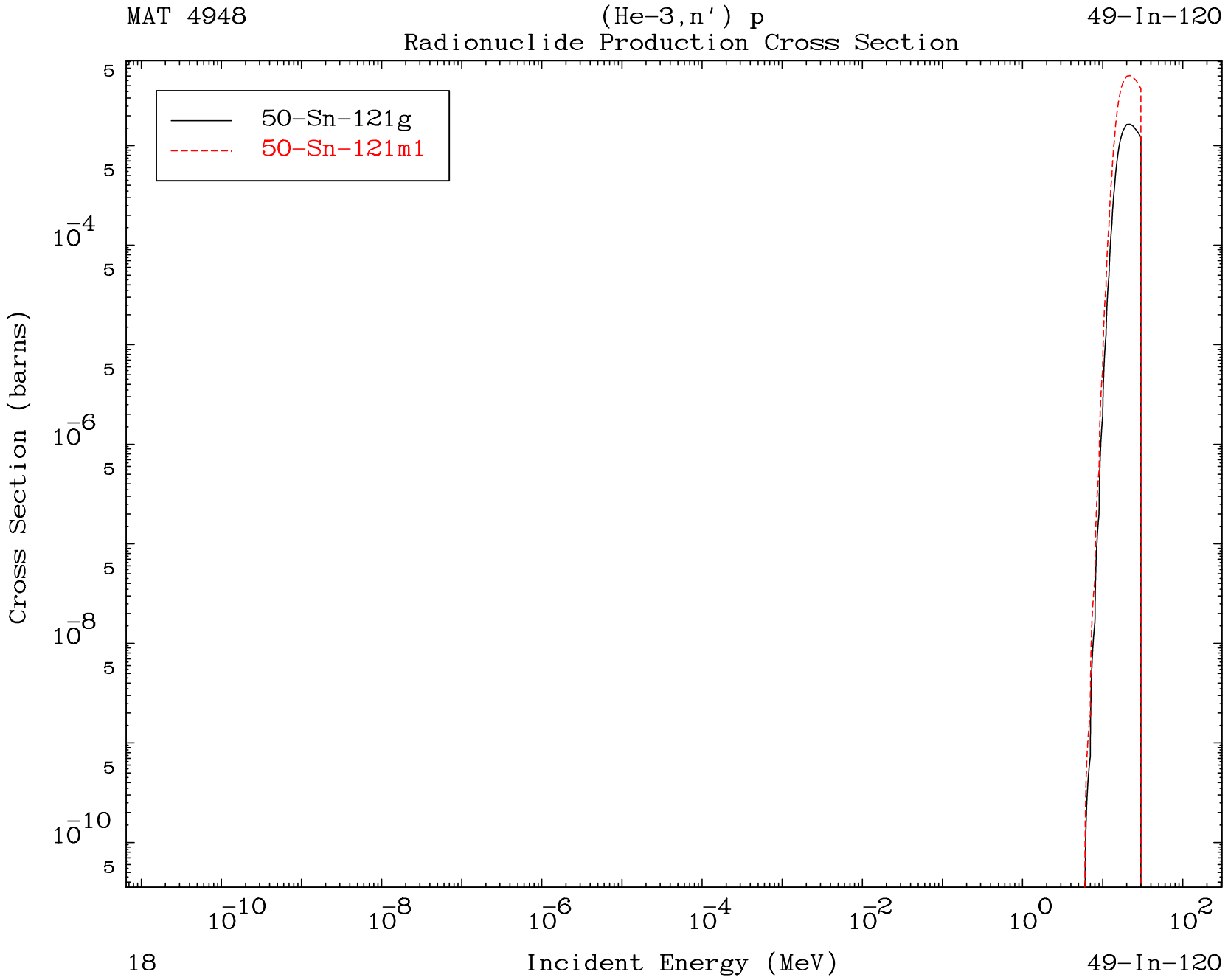

MAT 4948
(He-3,2n) d
49-In-120
Radionuclide Production Cross Section
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
50-Sn-119g
50-Sn-119m2
10^1
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
49-In-120

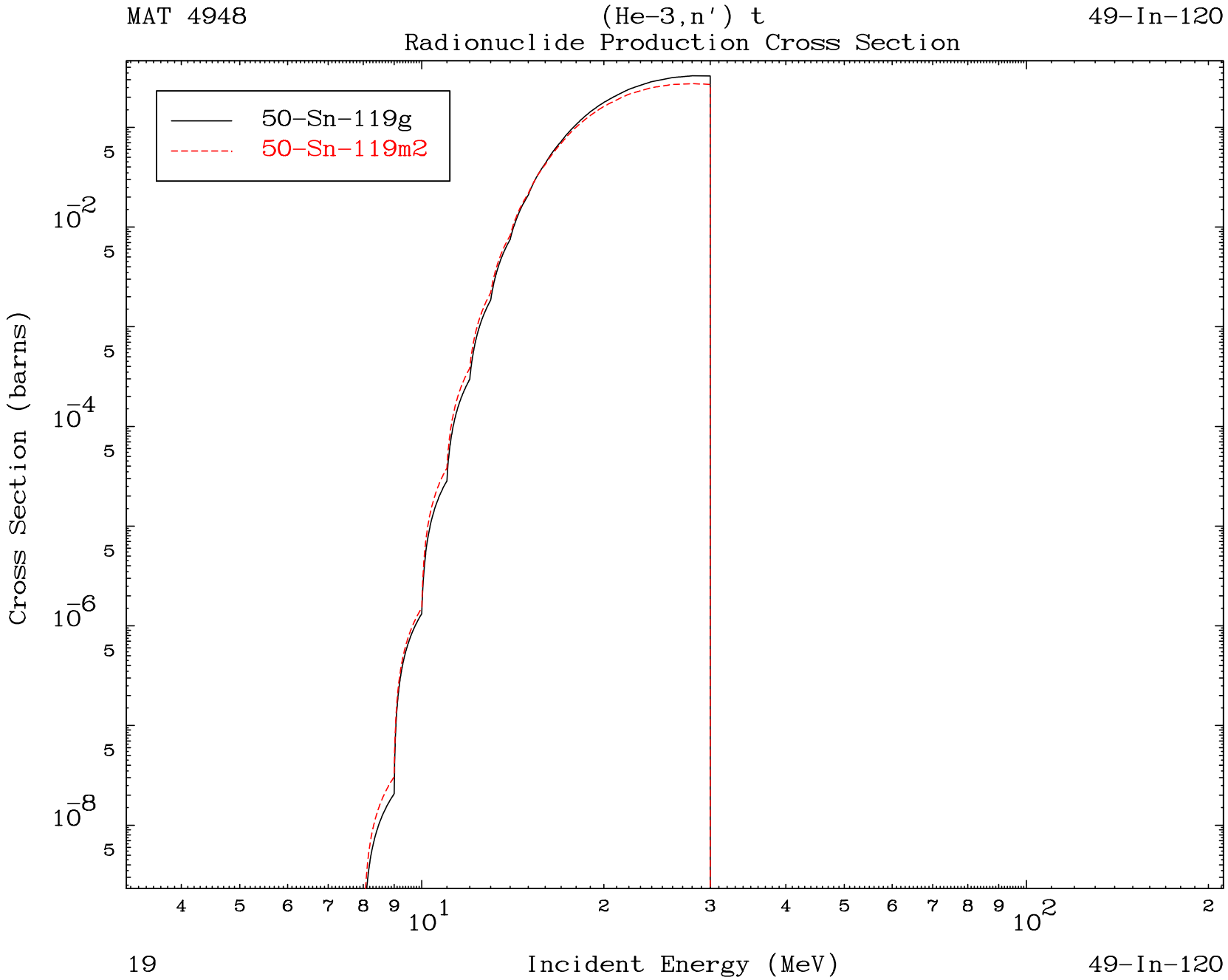

MAT 4948
(He-3,3n)
49-In-120
Radionuclide Production Cross Section
51-Sb-120g
51-Sb-120m6
Cross Section (barns)
Incident Energy (MeV)
14
49-In-120

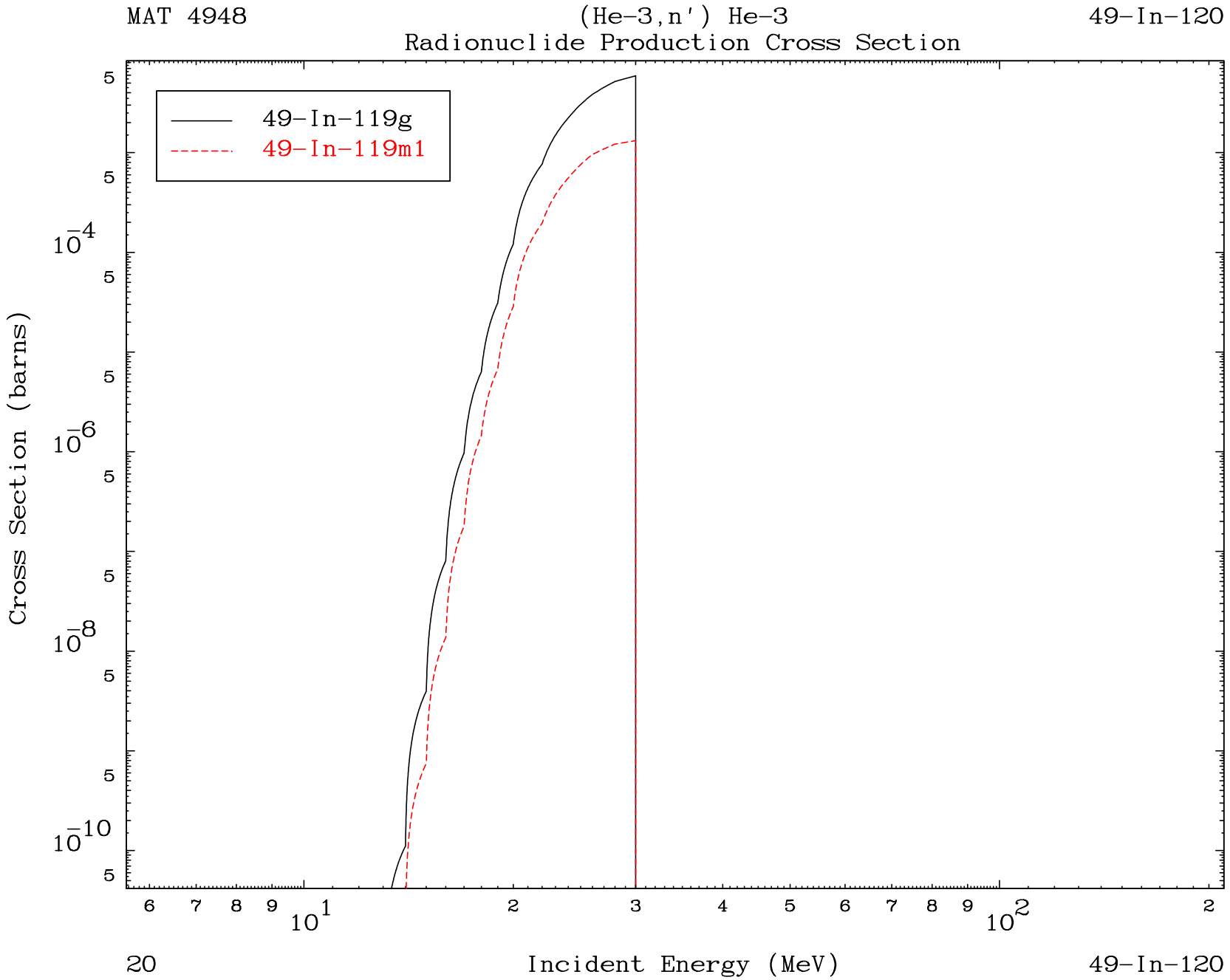

MAT 4948
(He-3,n') α
49-In-120
Radionuclide Production Cross Section
49-In-118g
49-In-118m1
49-In-118m3
Cross Section (barns)
Incident Energy (MeV)
15
49-In-120

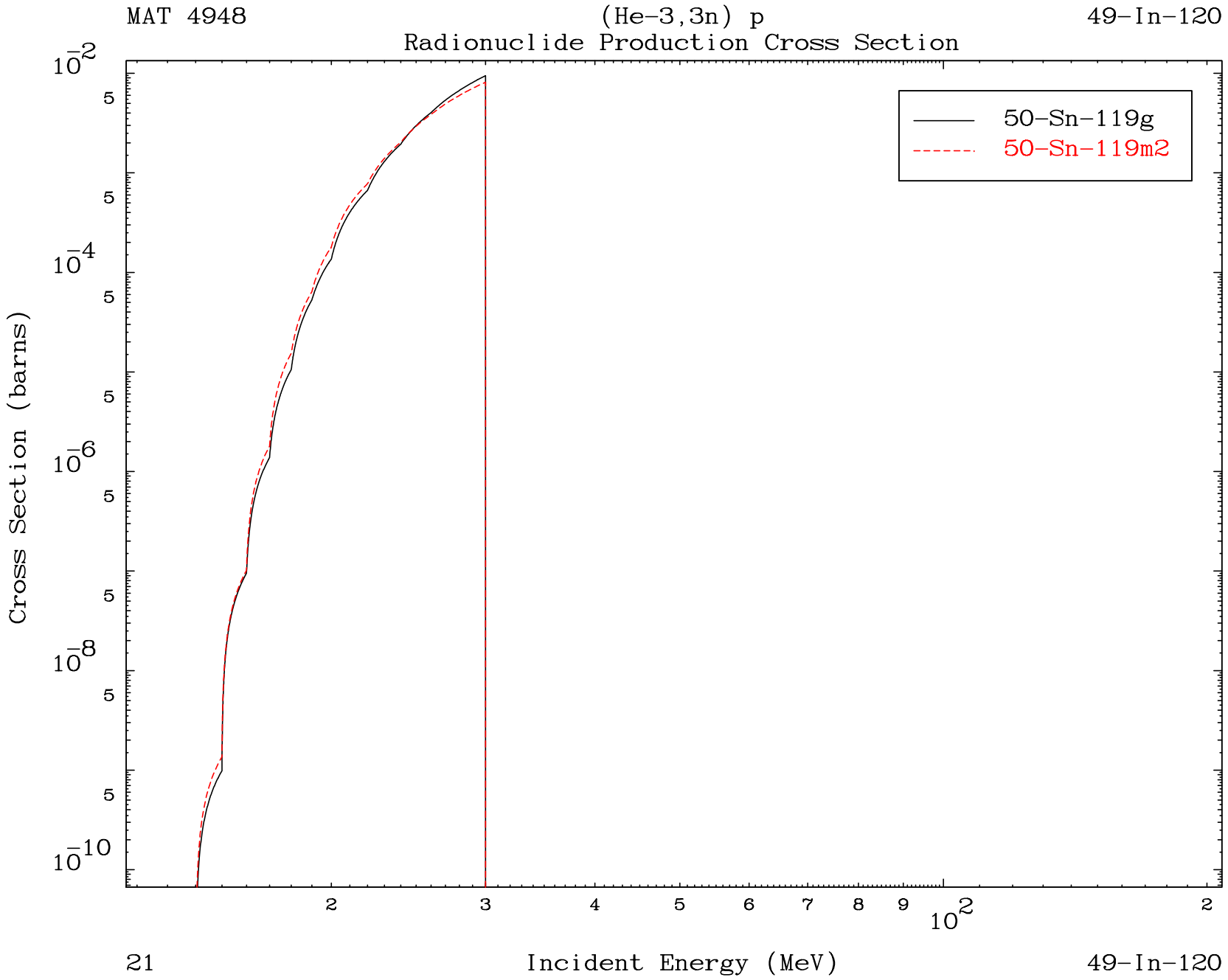

MAT 4948
(He-3,2n) α
49-In-120
Radionuclide Production Cross Section
49-In-117g
49-In-117m1
Cross Section (barns)
Incident Energy (MeV)
16
49-In-120

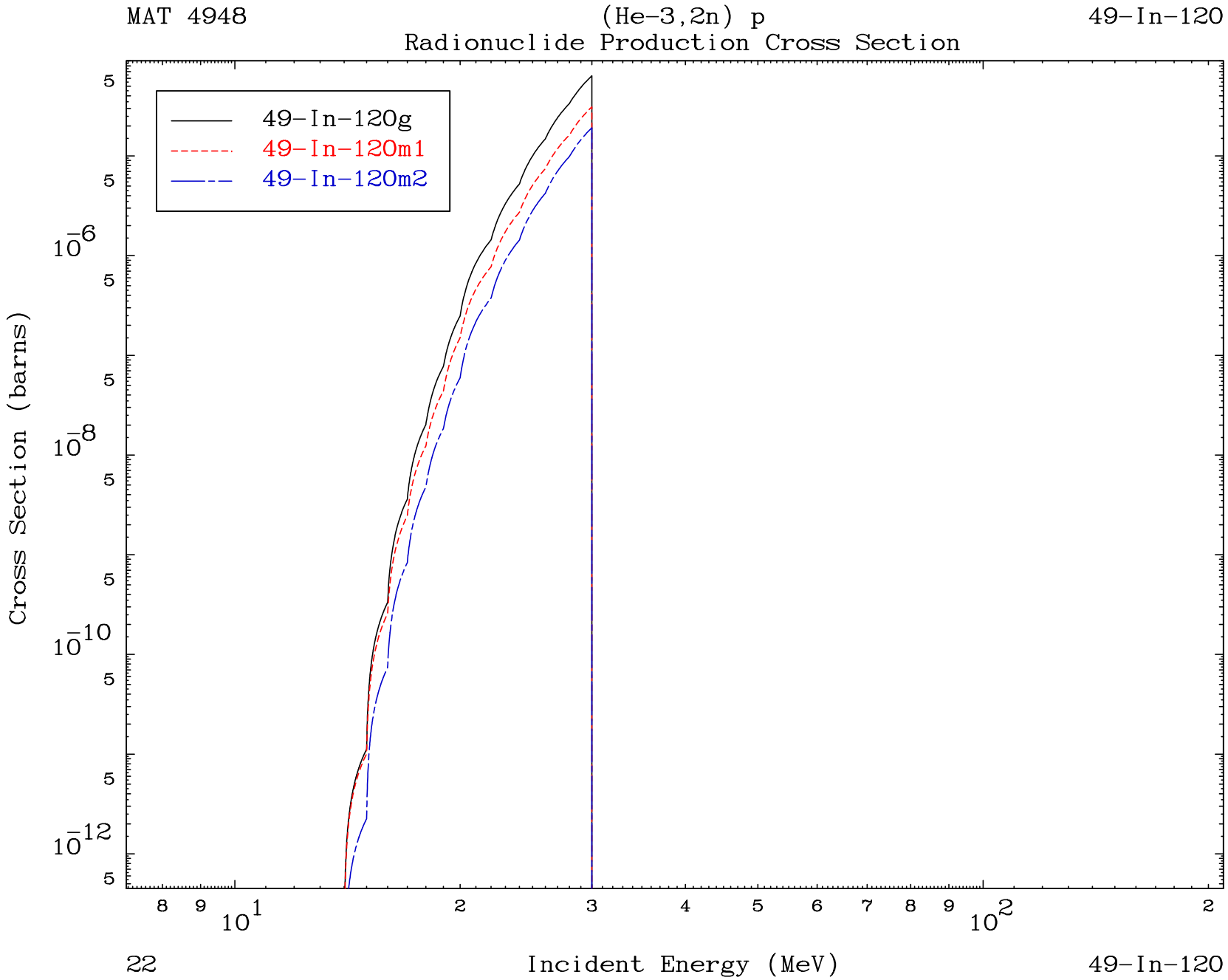

MAT 4948
(He-3,3n) α
49-In-120
Radionuclide Production Cross Section
49-In-116g
49-In-116m1
49-In-116m4
Cross Section (barns)
Incident Energy (MeV)
17
49-In-120

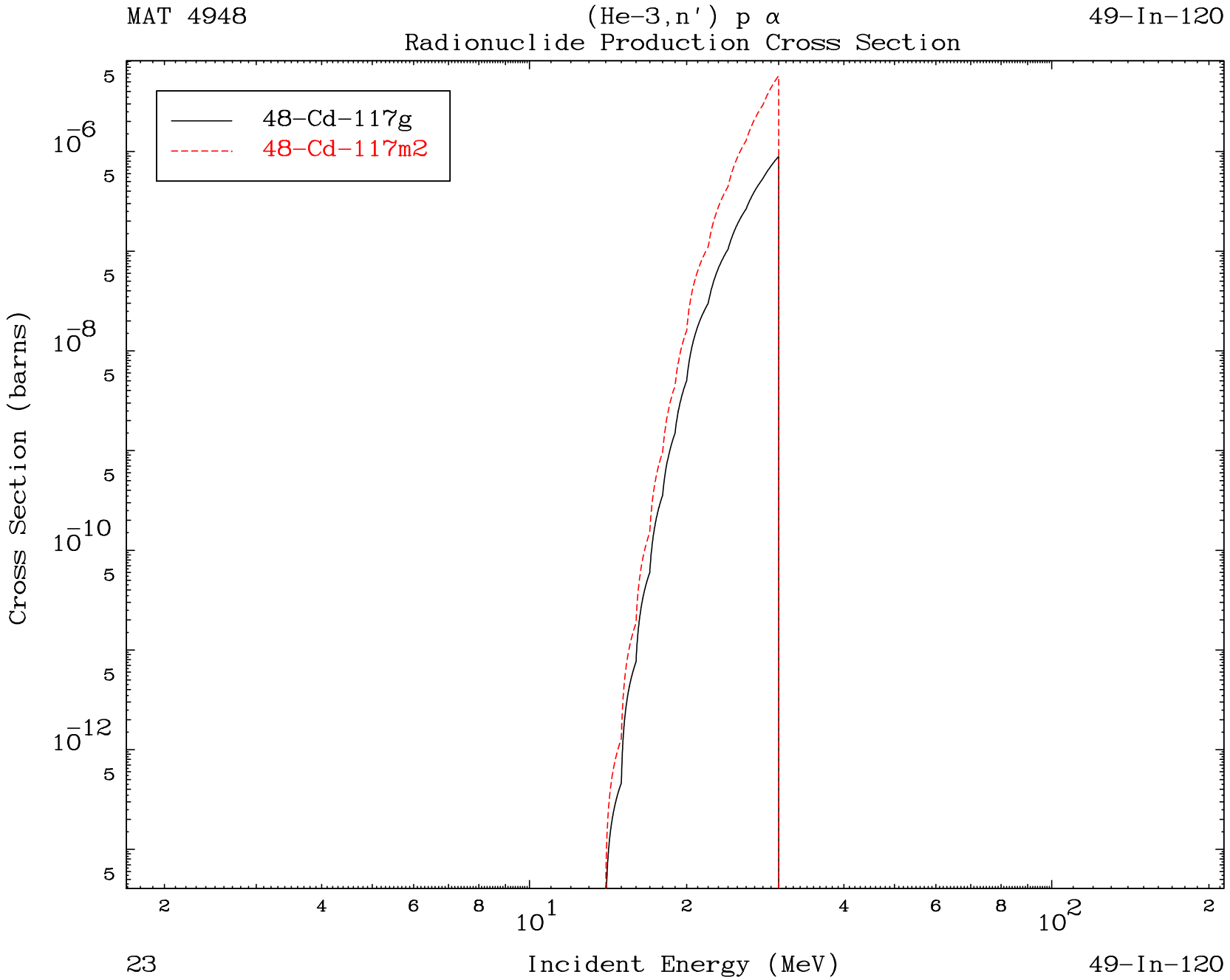

MAT 4948
(He-3,n') p
49-In-120
Radionuclide Production Cross Section
50-Sn-121g
50-Sn-121m1
Cross Section (barns)
Incident Energy (MeV)
18
49-In-120

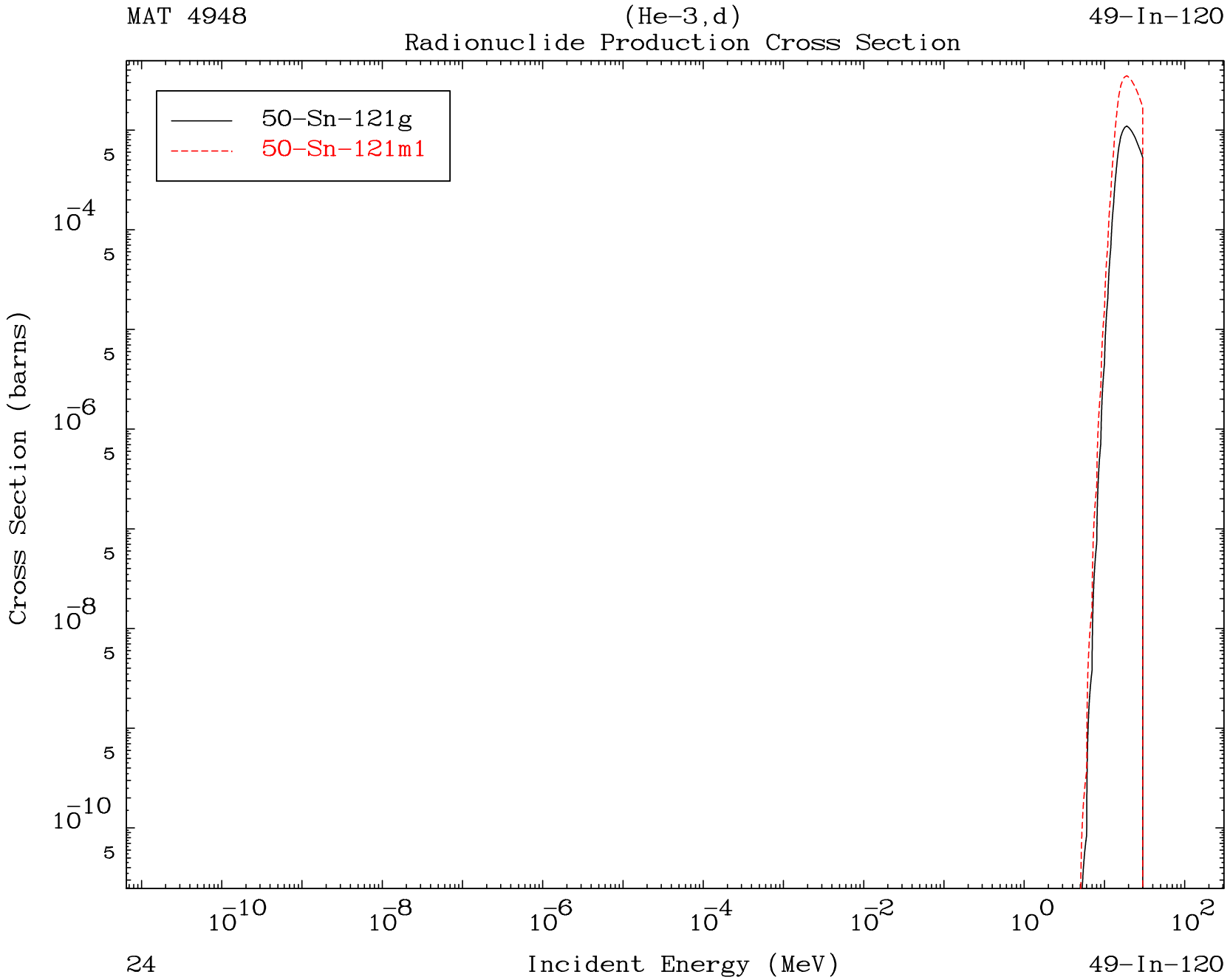

MAT 4948
(He-3,n') t
49-In-120
Radionuclide Production Cross Section
50-Sn-119g
50-Sn-119m2
Cross Section (barns)
Incident Energy (MeV)
19
49-In-120

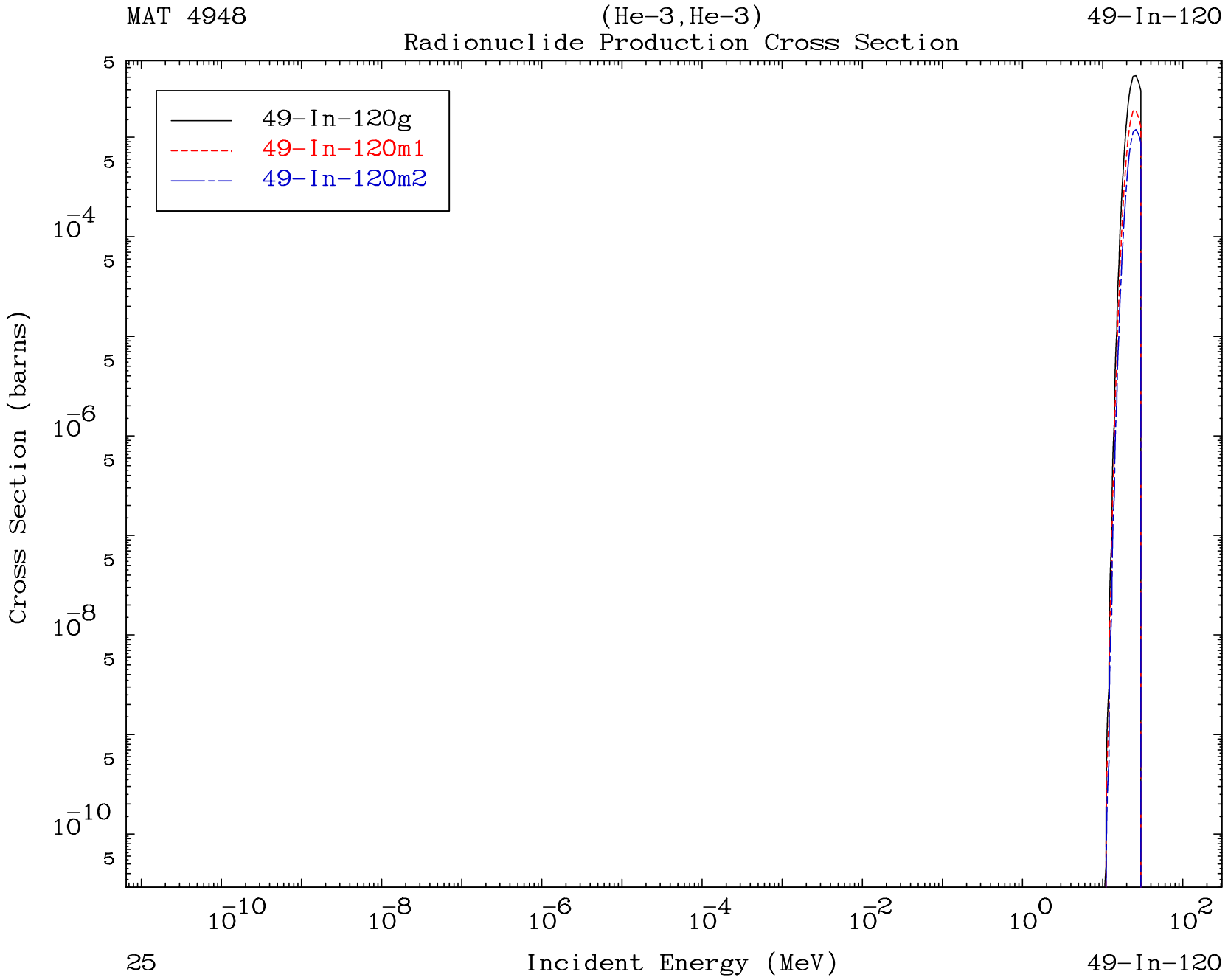

MAT 4948
(He-3,n') He-3
49-In-120
Radionuclide Production Cross Section
49-In-119g
49-In-119m1
Cross Section (barns)
Incident Energy (MeV)
20
49-In-120

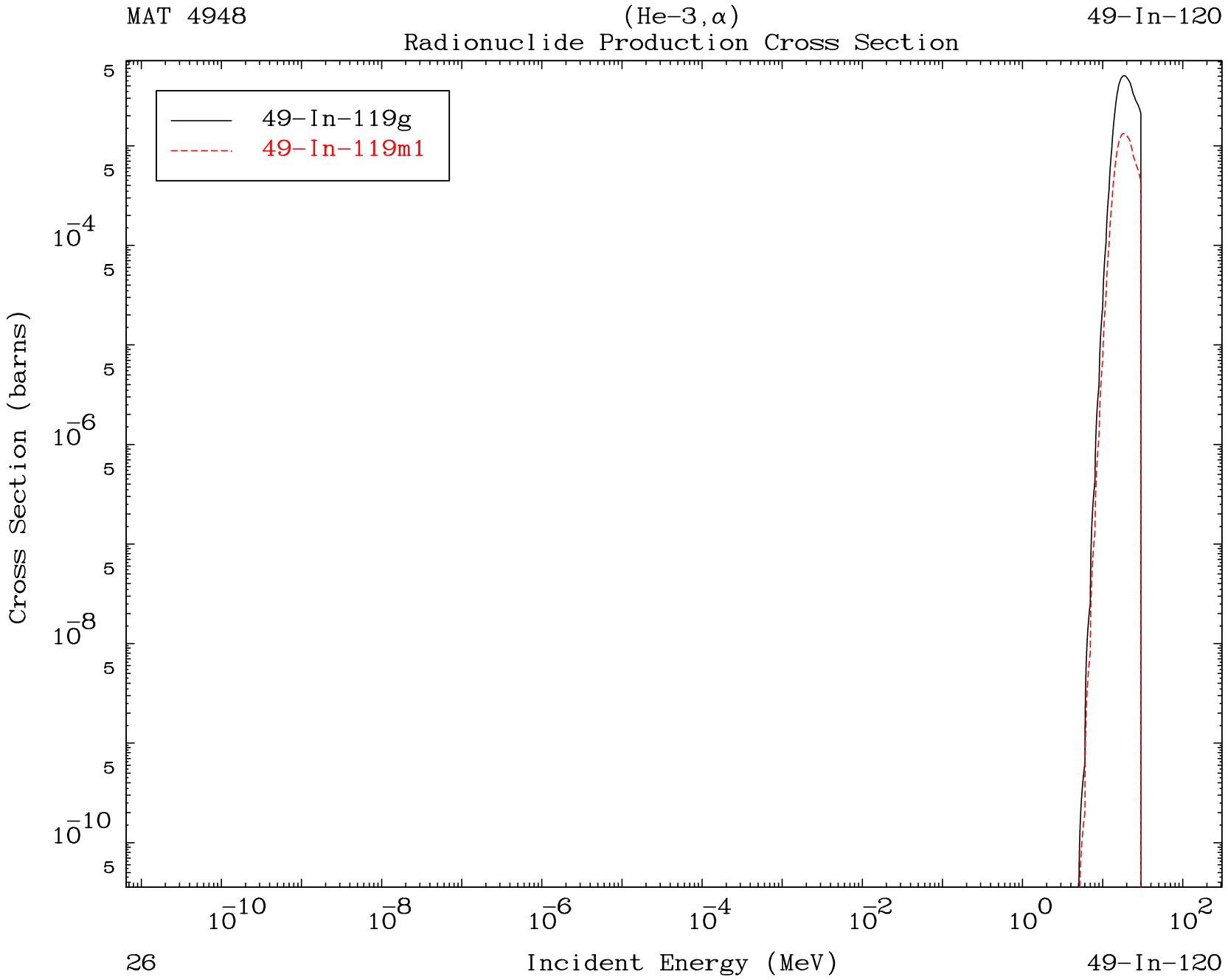

MAT 4948
(He-3,3n) p
49-In-120
Radionuclide Production Cross Section
50-Sn-119g
50-Sn-119m2
Cross Section (barns)
Incident Energy (MeV)
21
49-In-120

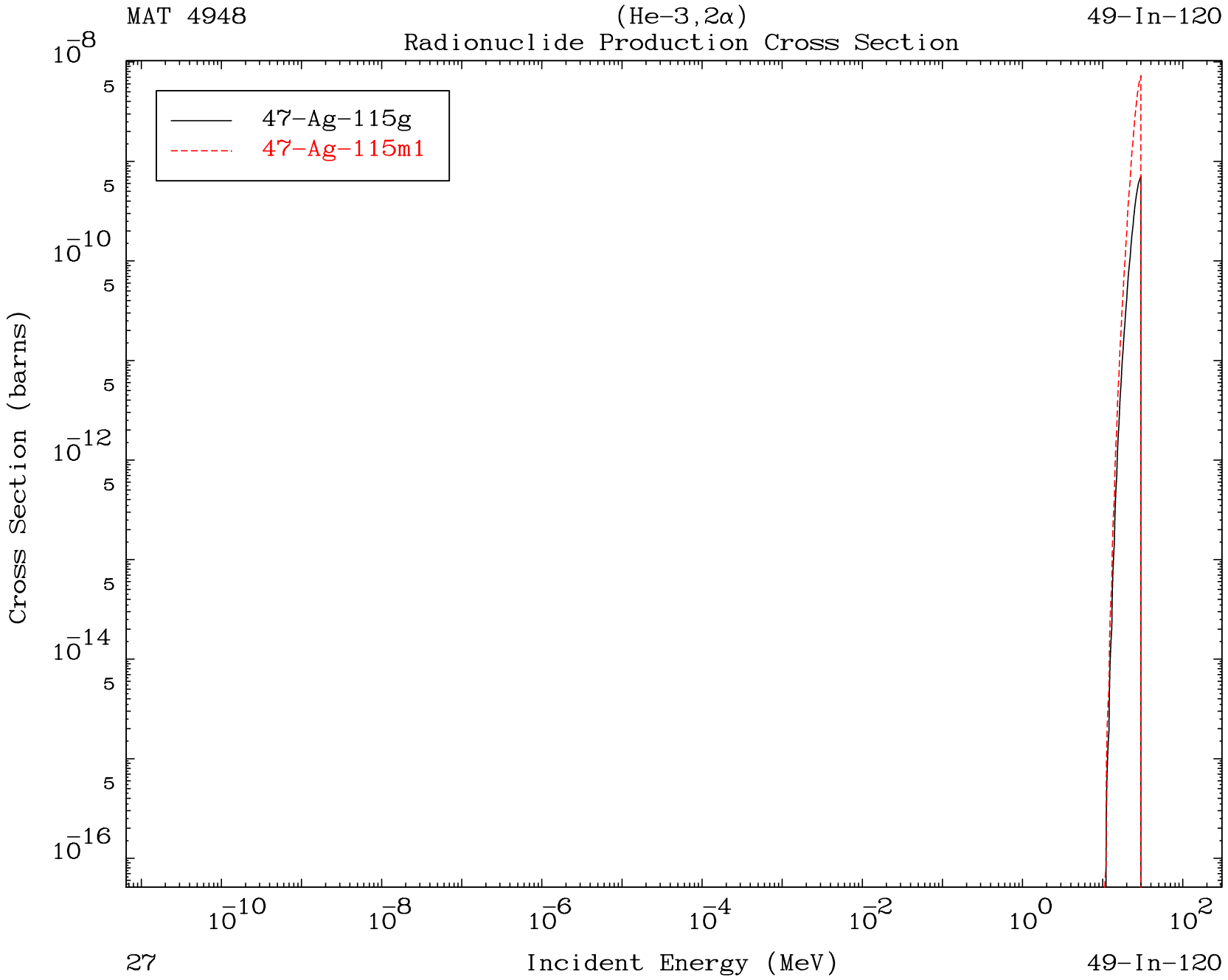

MAT 4948
(He-3,2n) p
49-In-120
Radionuclide Production Cross Section
49-In-120g
49-In-120m1
49-In-120m2
Cross Section (barns)
Incident Energy (MeV)
22
49-In-120

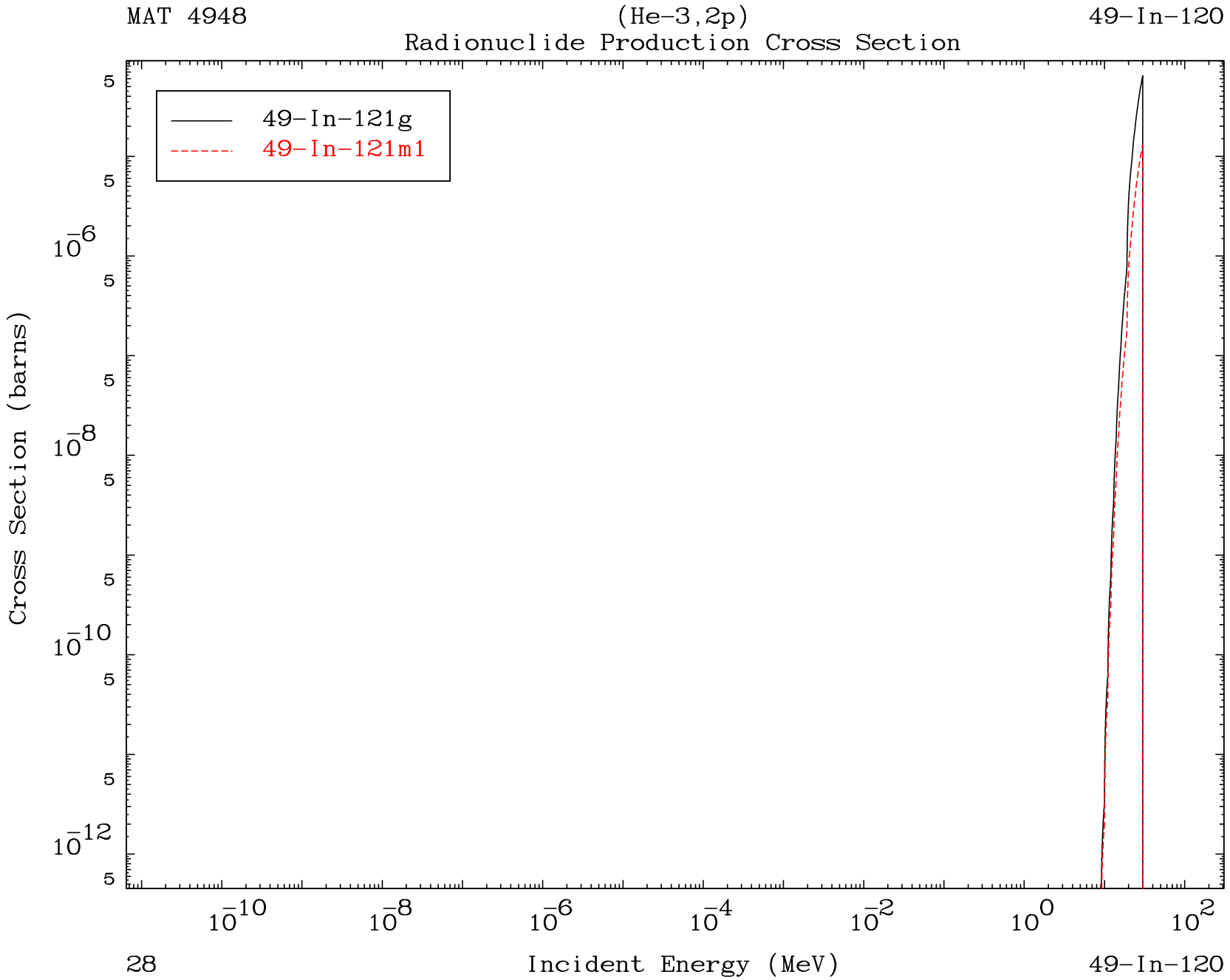

MAT 4948
(He-3,n') p α
49-In-120
Radionuclide Production Cross Section
48-Cd-117g
48-Cd-117m2
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
4
6
8
10 1
10 2
23
Incident Energy (MeV)
49-In-120

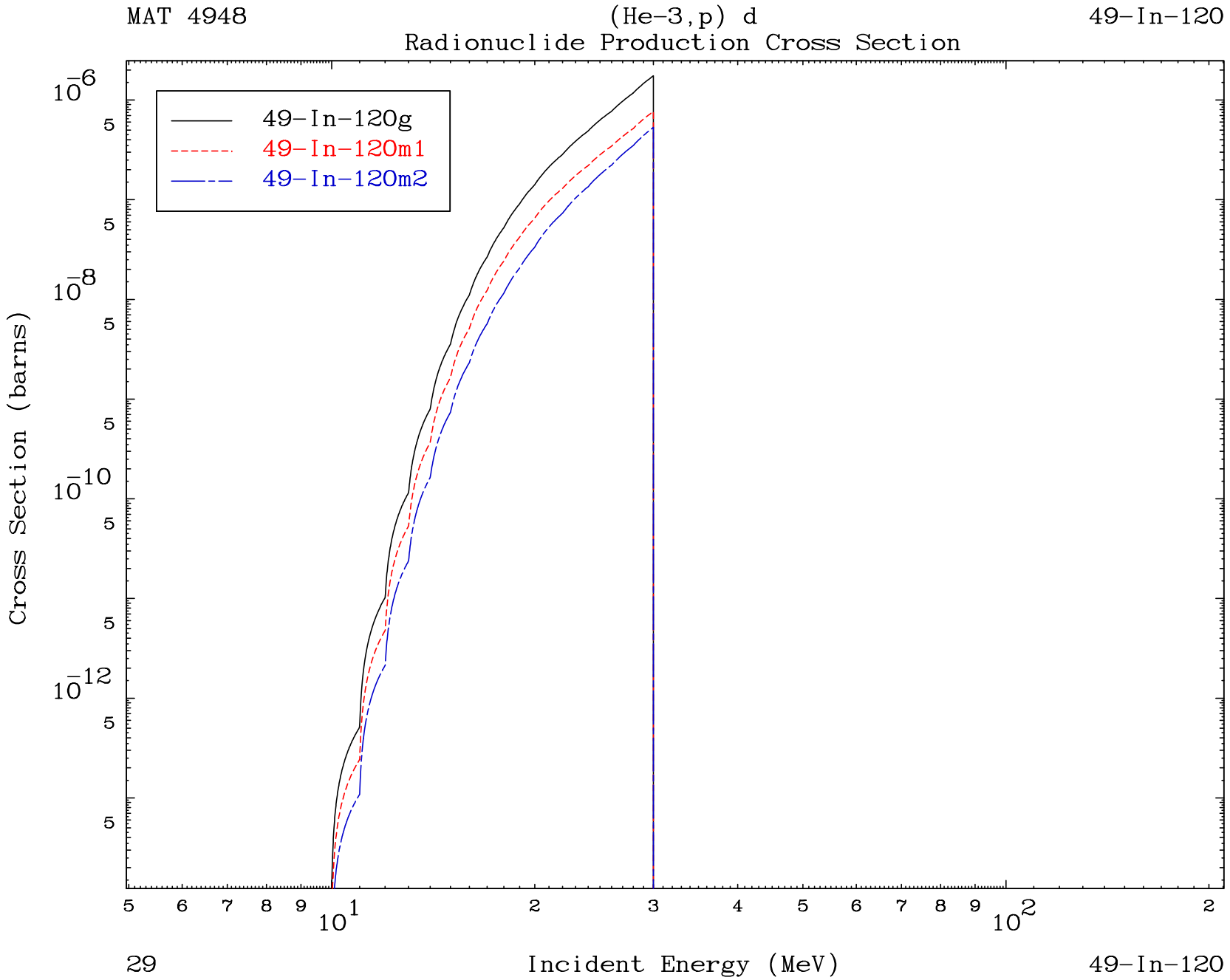

MAT 4948
(He-3,d)
49-In-120
Radionuclide Production Cross Section
50-Sn-121g
50-Sn-121m1
Cross Section (barns)
Incident Energy (MeV)
24
49-In-120

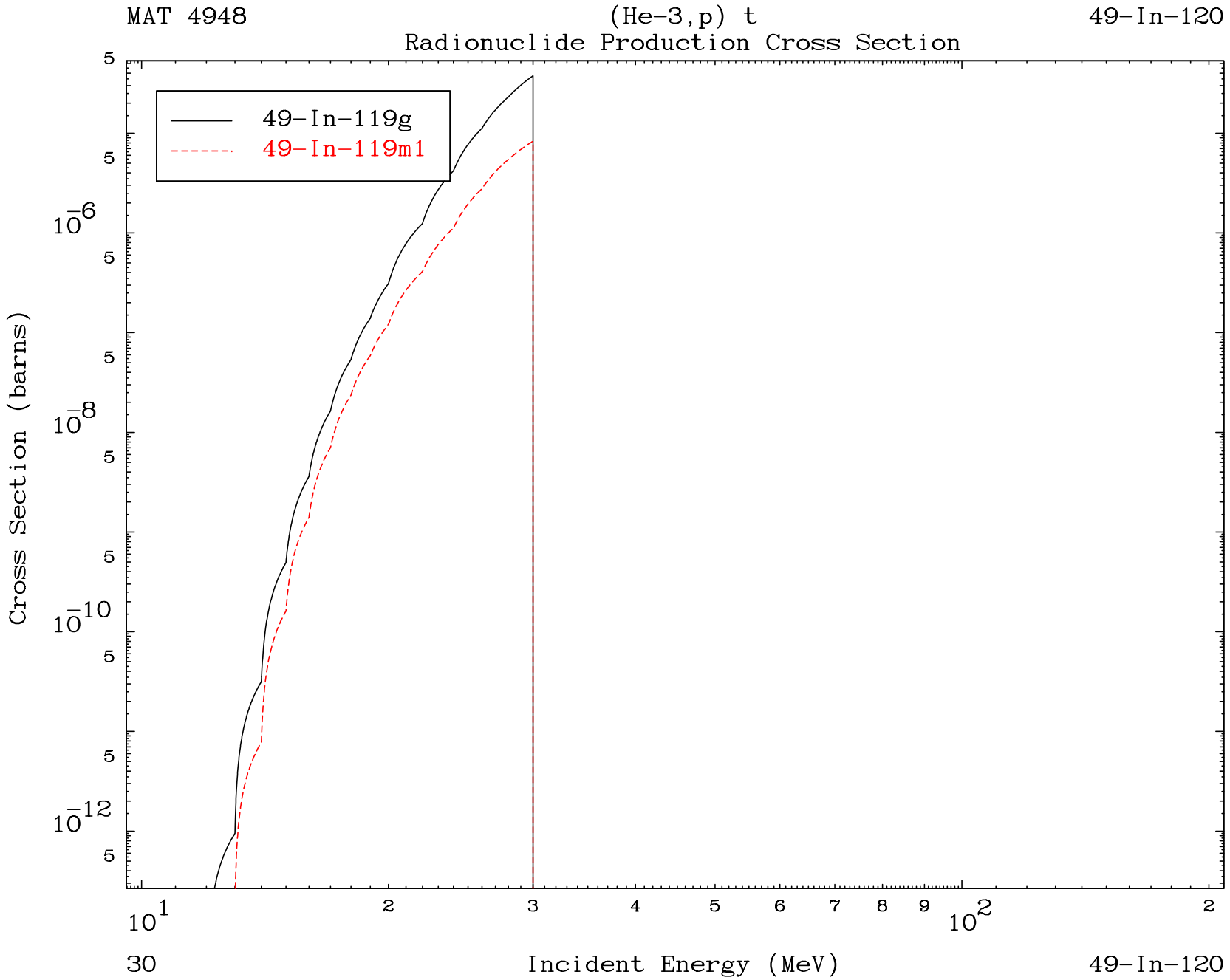

MAT 4948
(He-3,He-3)
49-In-120
Radionuclide Production Cross Section
49-In-120g
49-In-120m1
49-In-120m2
Cross Section (barns)
Incident Energy (MeV)
25
49-In-120

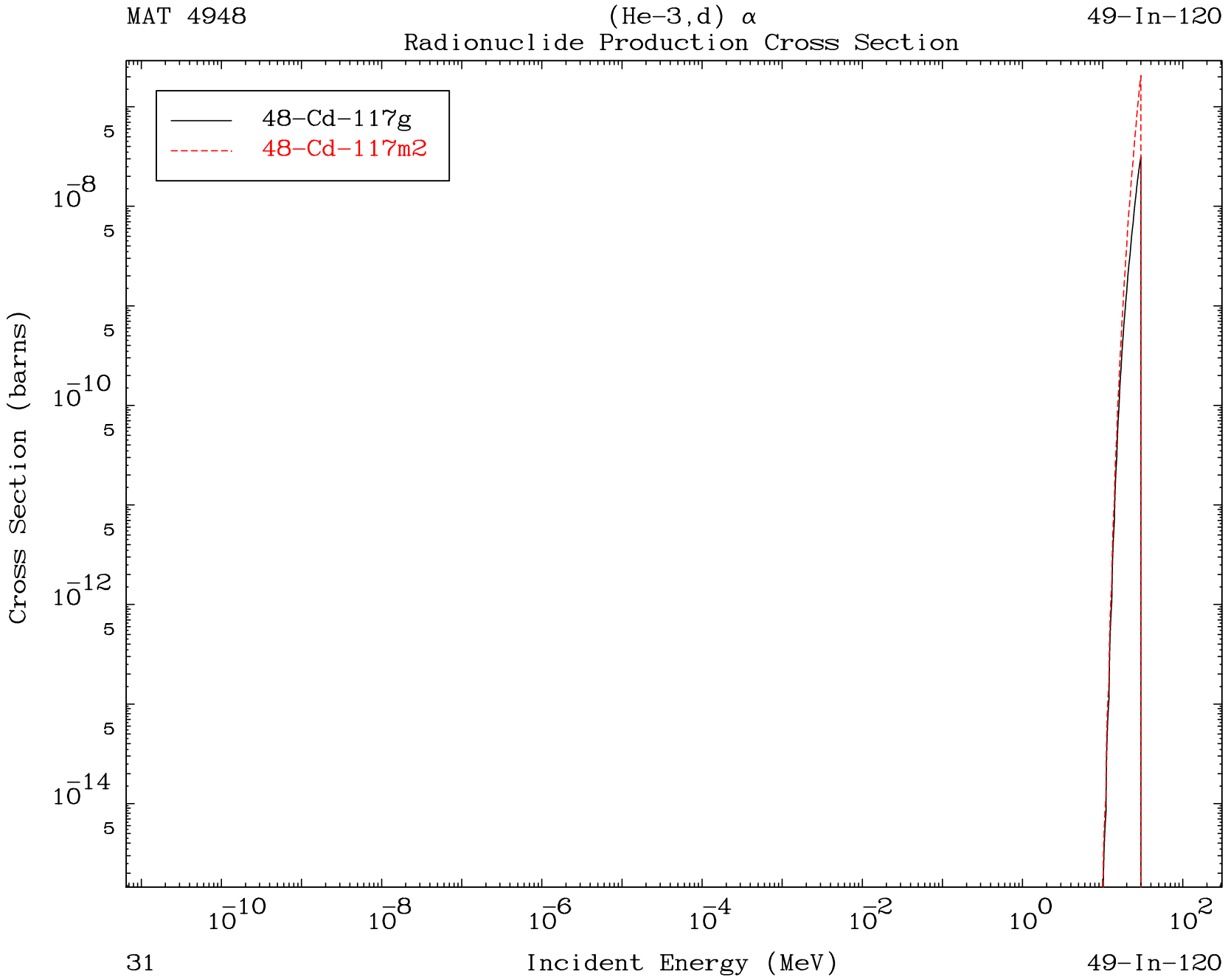

MAT 4948
(He-3,α)
49-In-120
Radionuclide Production Cross Section
49-In-119g
49-In-119m1
Cross Section (barns)
Incident Energy (MeV)
26
49-In-120


MAT 4948
(He-3,2α)
49-In-120
Radionuclide Production Cross Section
47-Ag-115g
47-Ag-115m1
Cross Section (barns)
Incident Energy (MeV)
27
49-In-120


MAT 4948
(He-3,2p)
49-In-120
Radionuclide Production Cross Section
49-In-121g
49-In-121m1
Cross Section (barns)
Incident Energy (MeV)
28
49-In-120


MAT 4948
(He-3,p) d
49-In-120
Radionuclide Production Cross Section
49-In-120g
49-In-120m1
49-In-120m2
Cross Section (barns)
Incident Energy (MeV)
29
49-In-120


MAT 4948
(He-3,p) t
49-In-120
Radionuclide Production Cross Section
49-In-119g
49-In-119m1
Cross Section (barns)
Incident Energy (MeV)
30
49-In-120


MAT 4948
(He-3,d) α
49-In-120
Radionuclide Production Cross Section
48-Cd-117g
48-Cd-117m2
Cross Section (barns)
Incident Energy (MeV)
31
49-In-120