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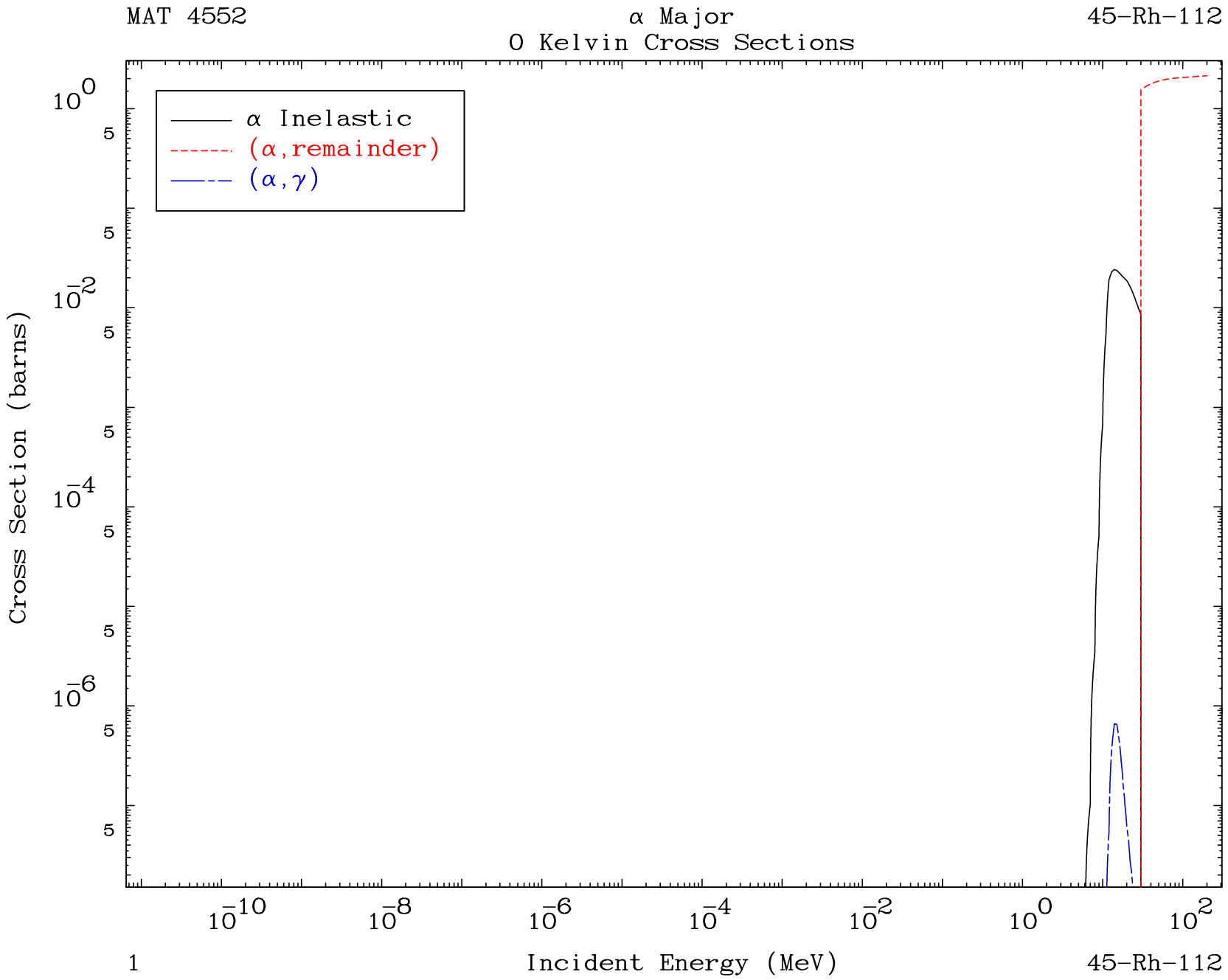
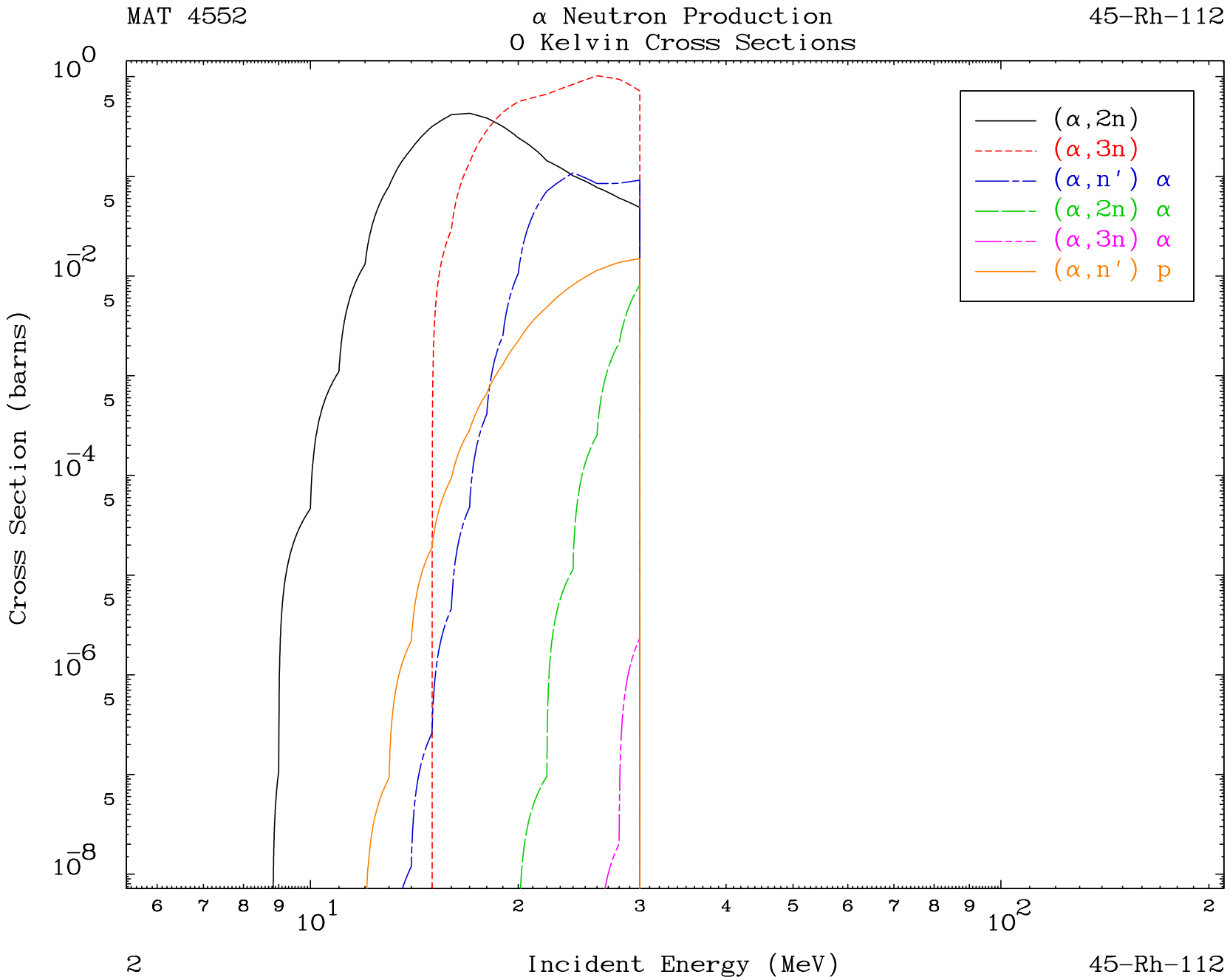
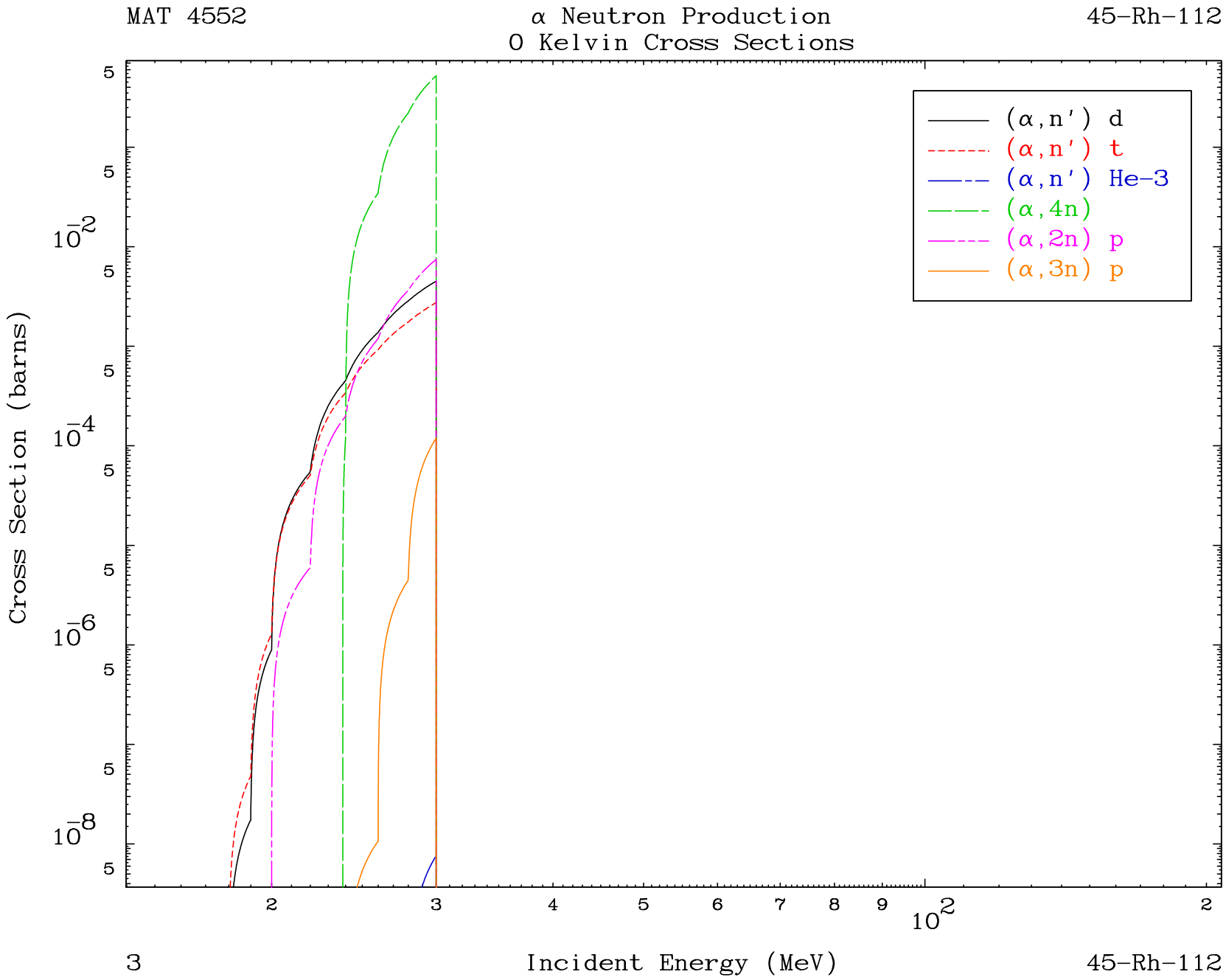
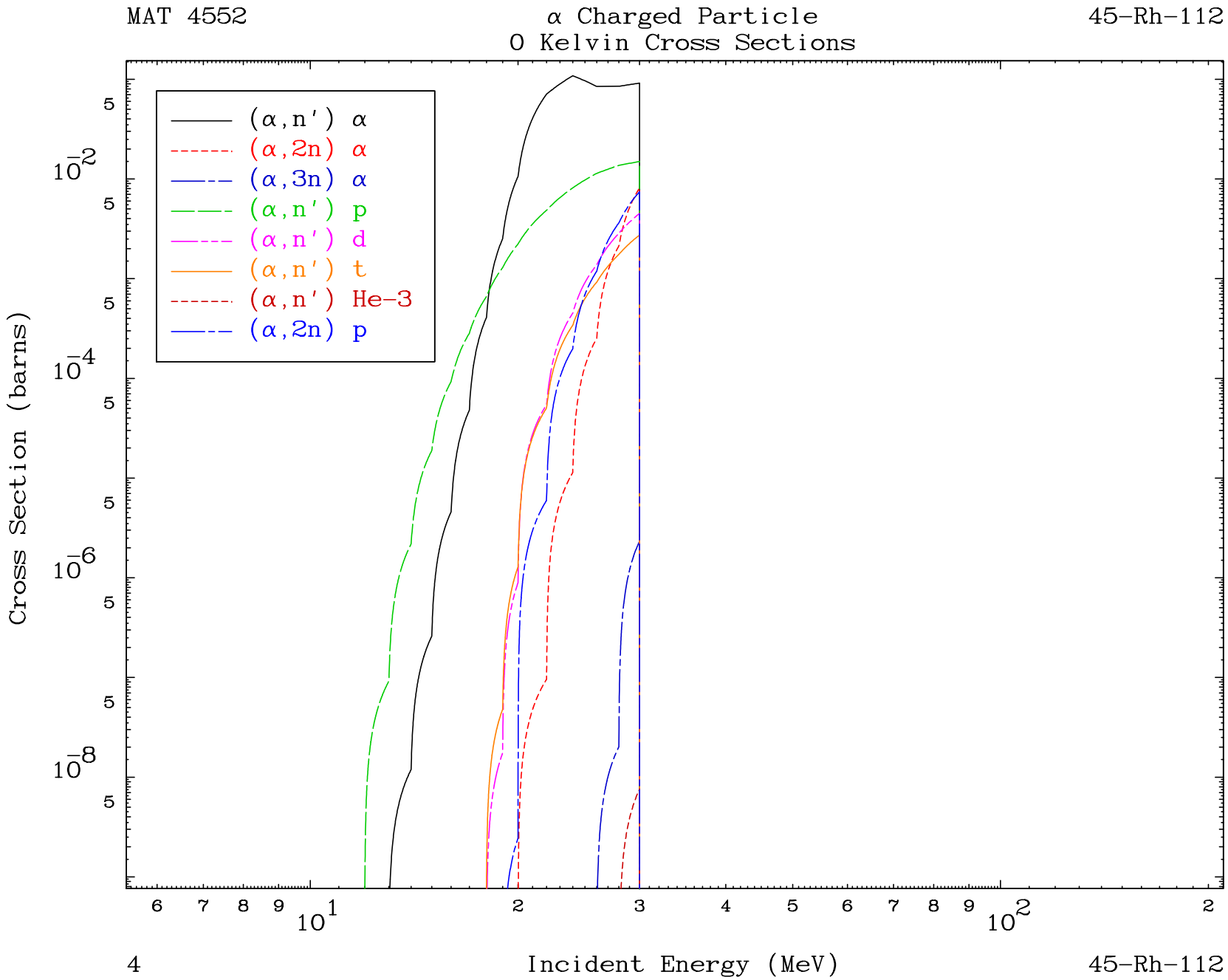
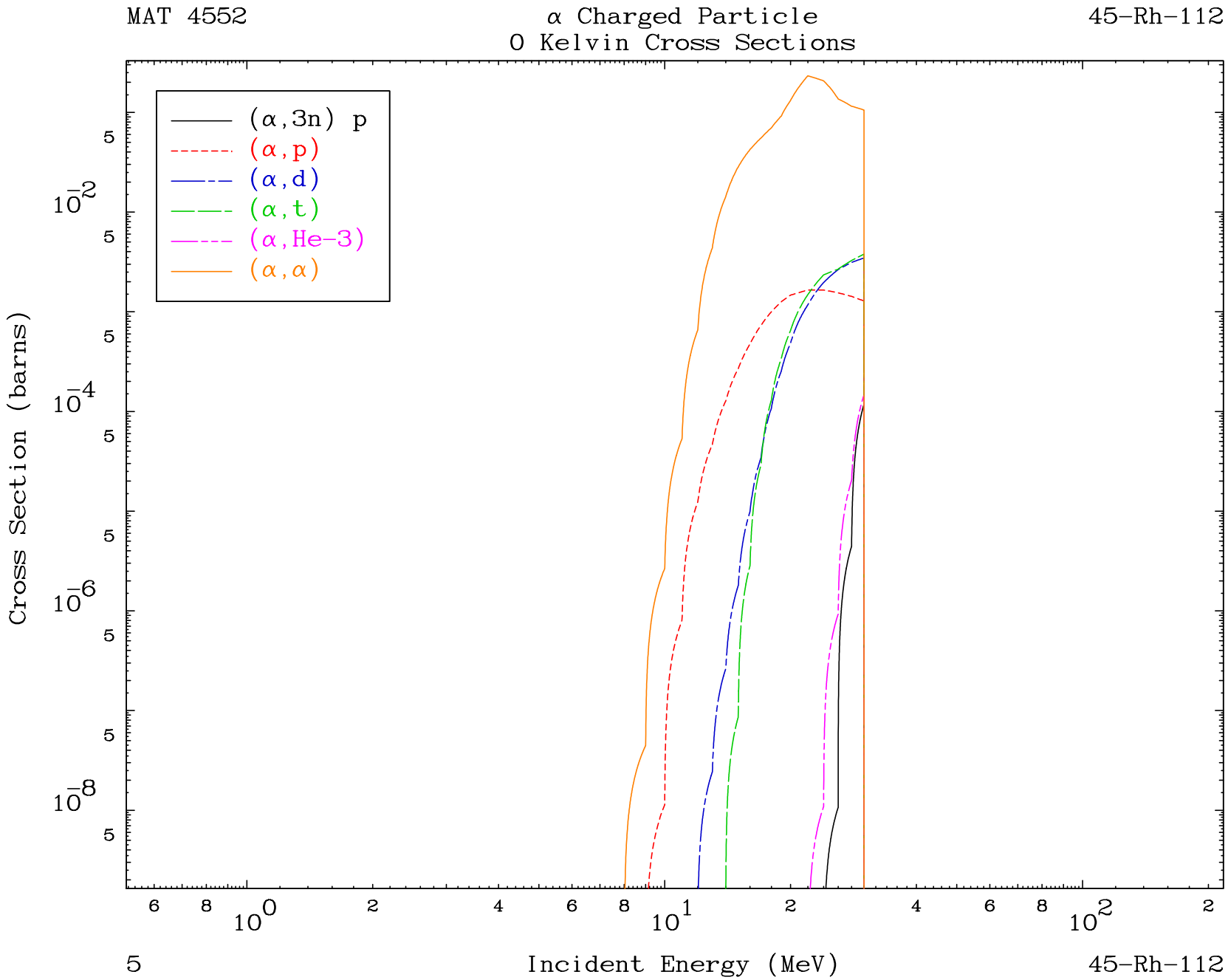
Press Mouse Button to Start

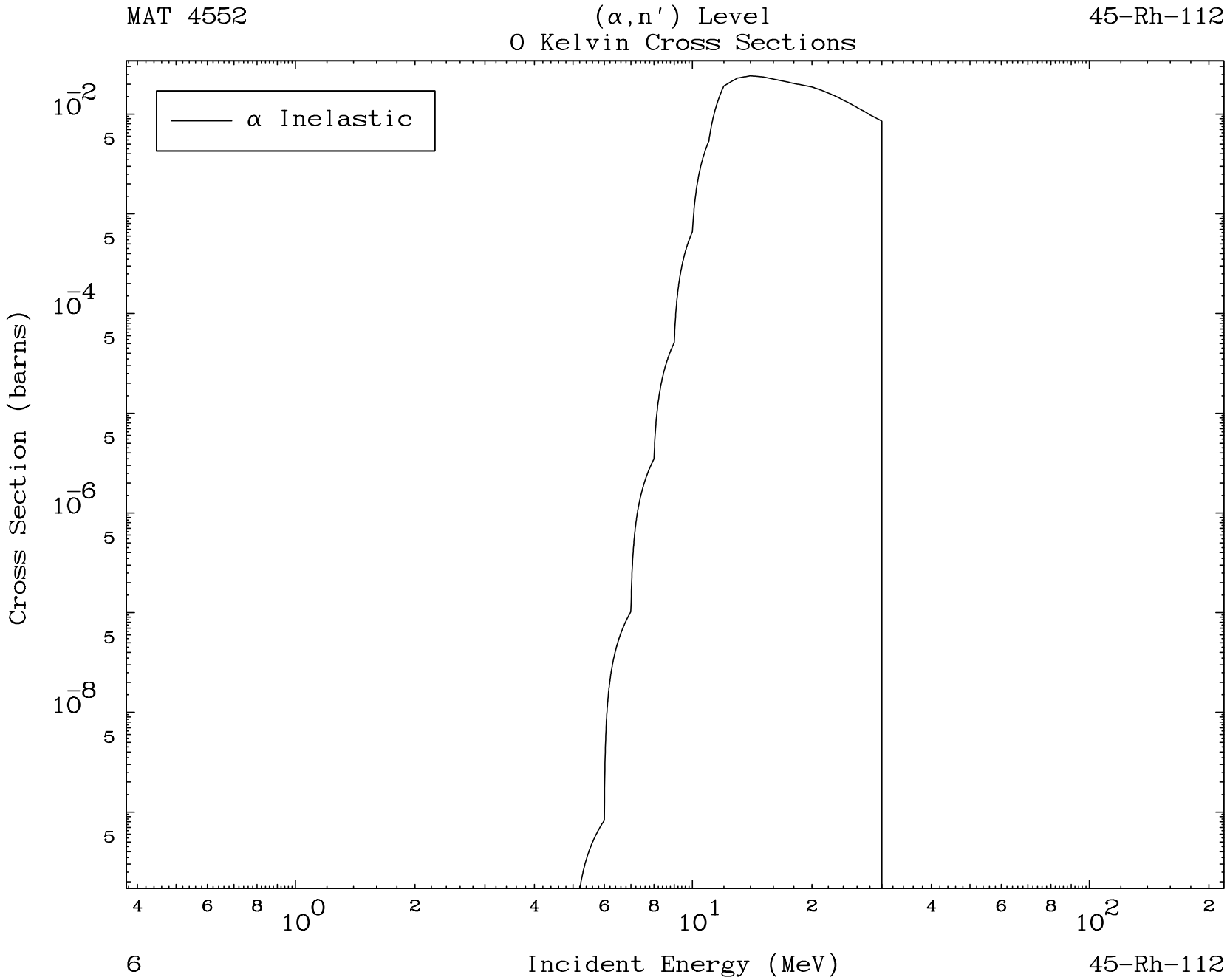

MAT 4552
α Major
45-Rh-112
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
45-Rh-112

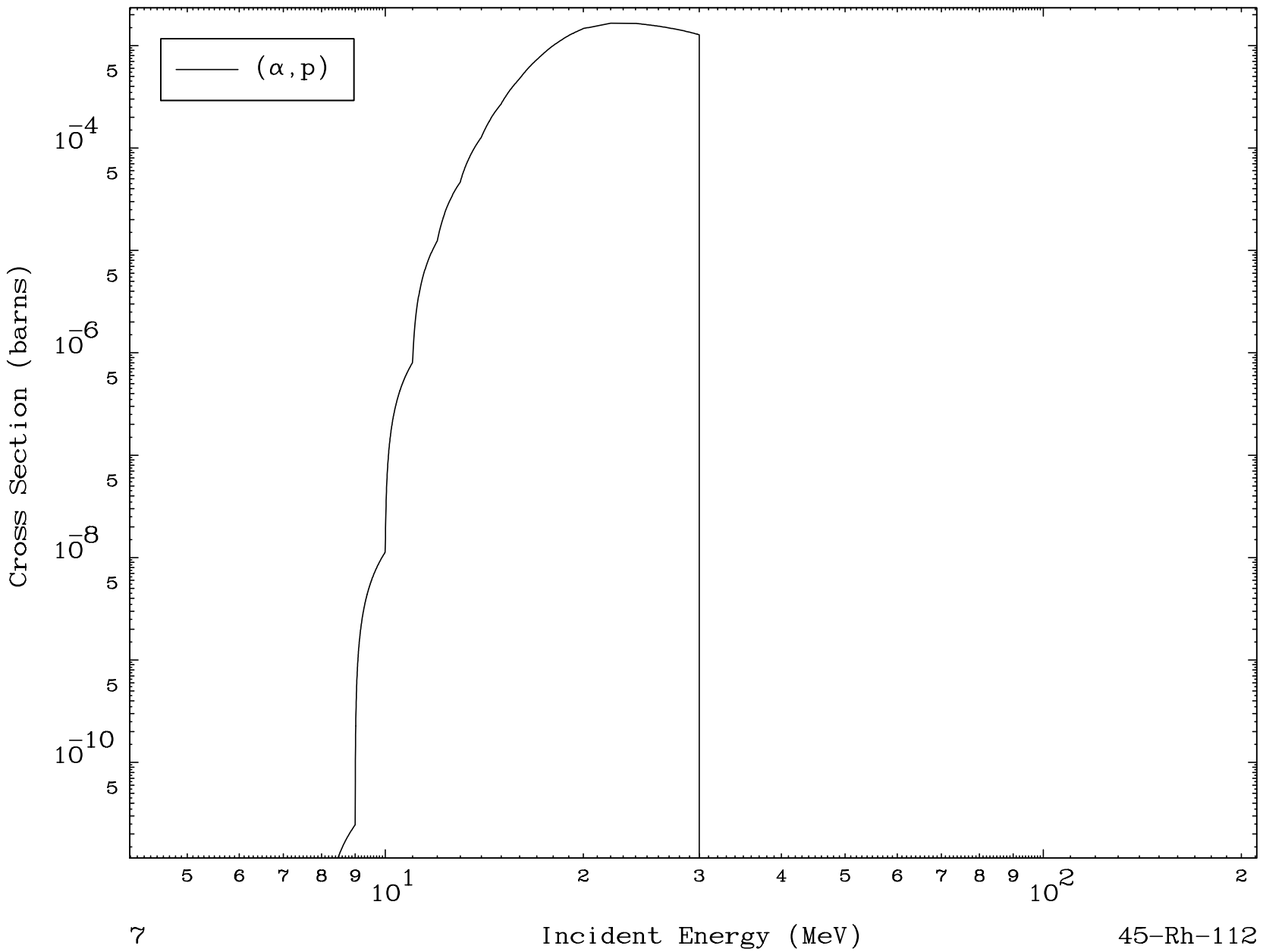

MAT 4552
α Neutron Production
0 Kelvin Cross Sections
45-Rh-112
Cross Section (barns)
Incident Energy (MeV)
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p

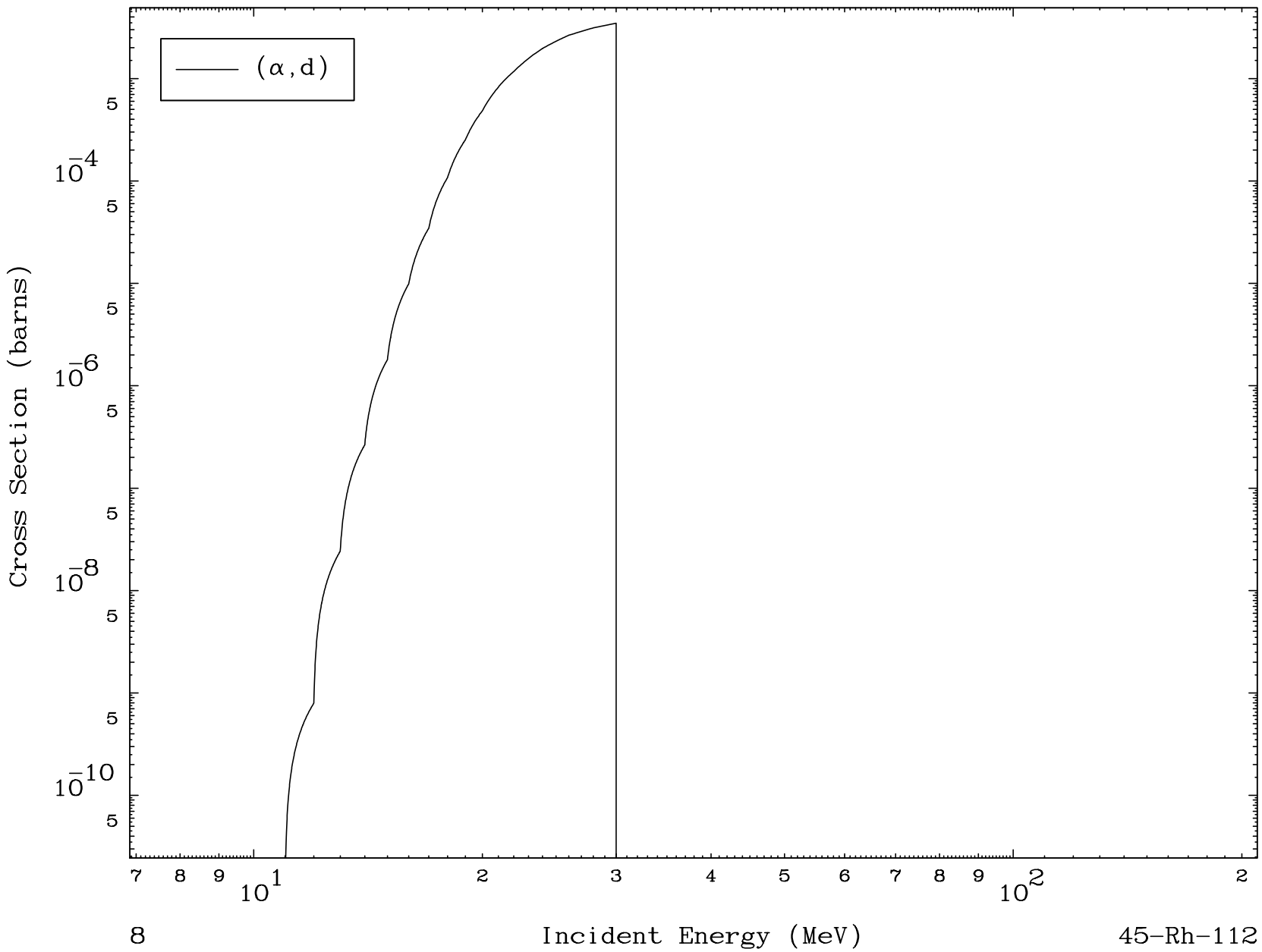

MAT 4552
α Neutron Production
0 Kelvin Cross Sections
45-Rh-112
(α,n') d
(α,n') t
(α,n') He-3
(α,4n)
(α,2n) p
(α,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
45-Rh-112

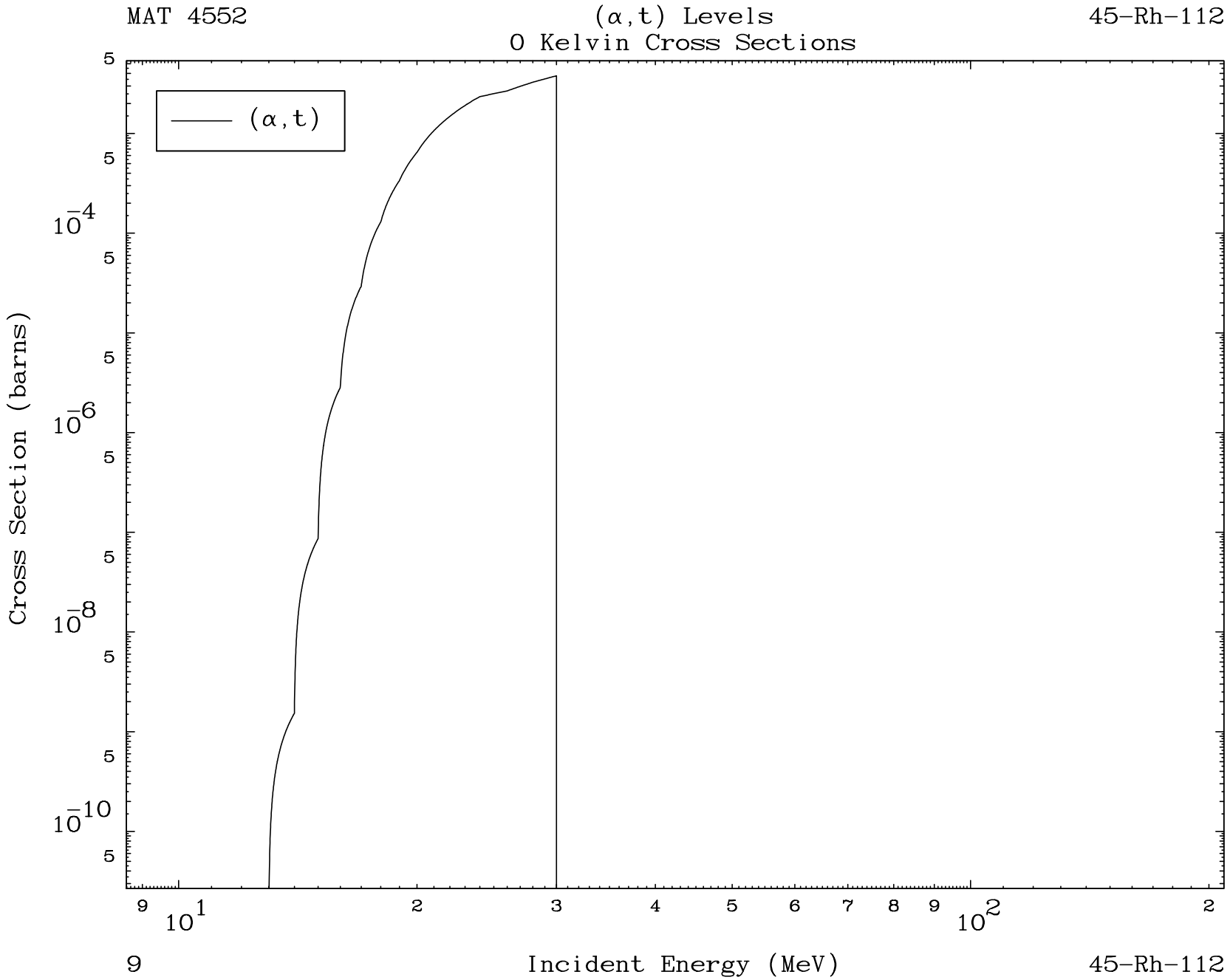

MAT 4552
α Charged Particle
0 Kelvin Cross Sections
45-Rh-112
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
Cross Section (barns)
Incident Energy (MeV)
4
45-Rh-112

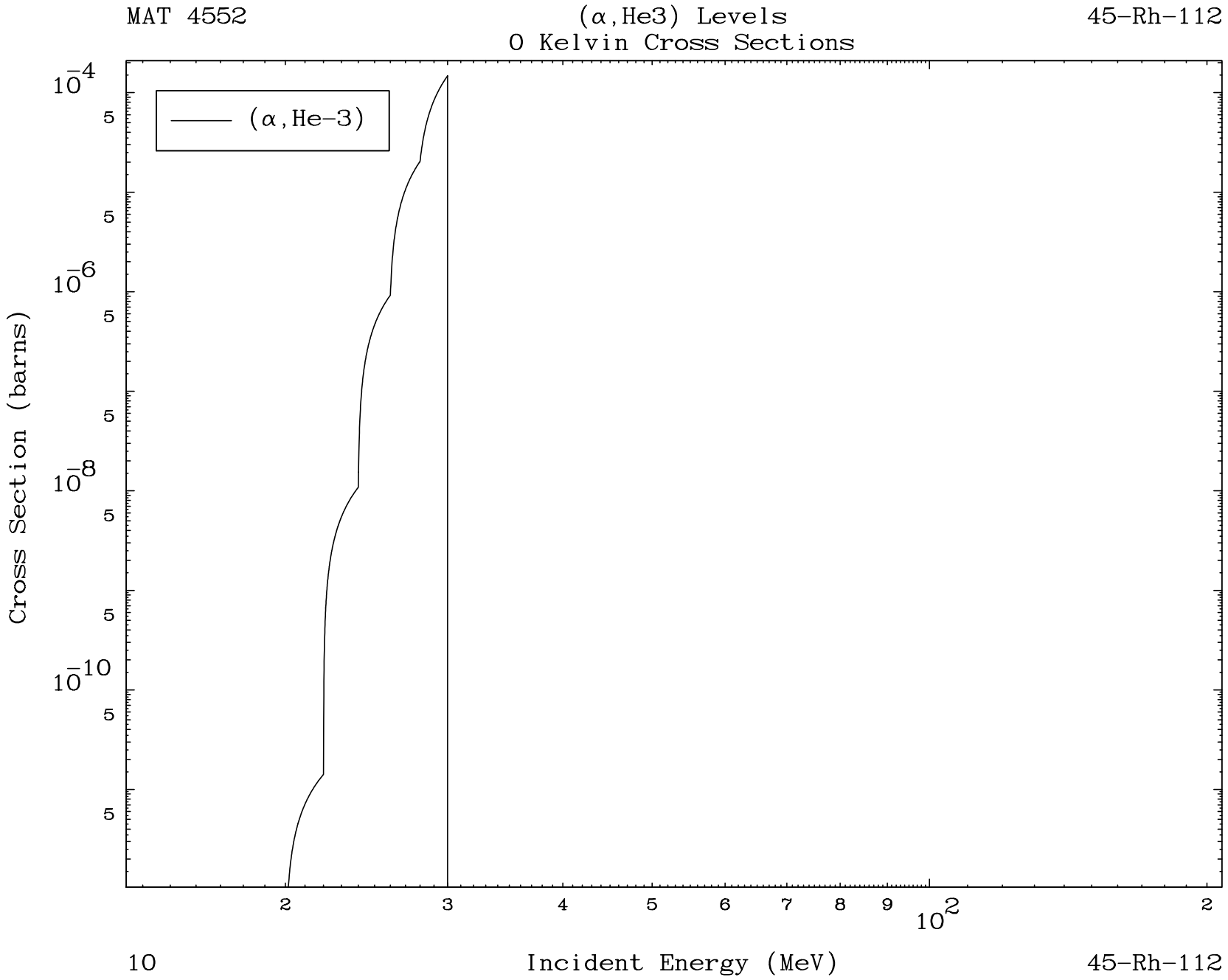

MAT 4552
α Charged Particle
0 Kelvin Cross Sections
45-Rh-112
(α,3n) p
(α,p)
(α,d)
(α,t)
(α,He-3)
(α,α)
Cross Section (barns)
Incident Energy (MeV)
5
45-Rh-112

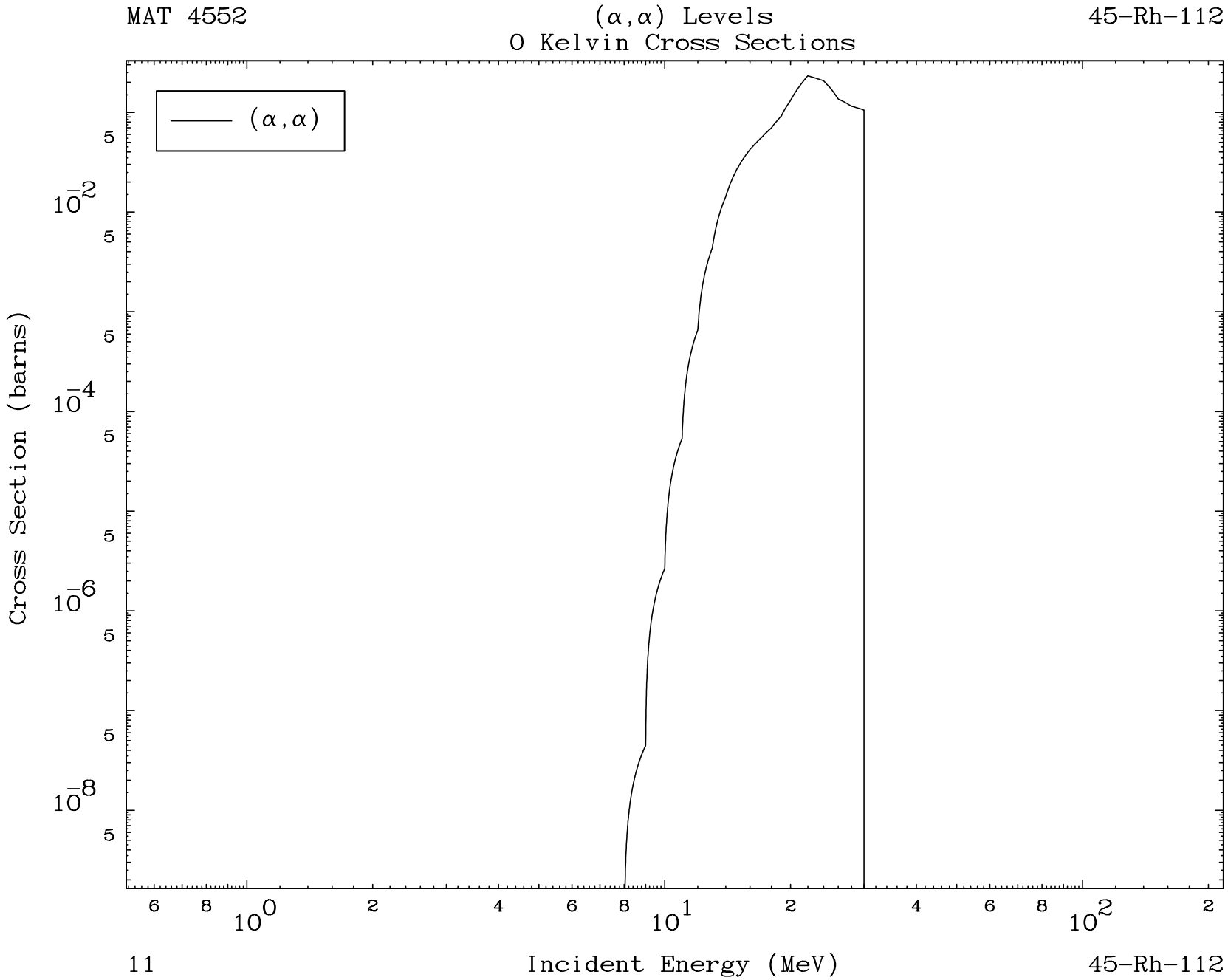

MAT 4552
(α,n') Level
45-Rh-112
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
10 0
10 1
10 2
Incident Energy (MeV)
6
45-Rh-112

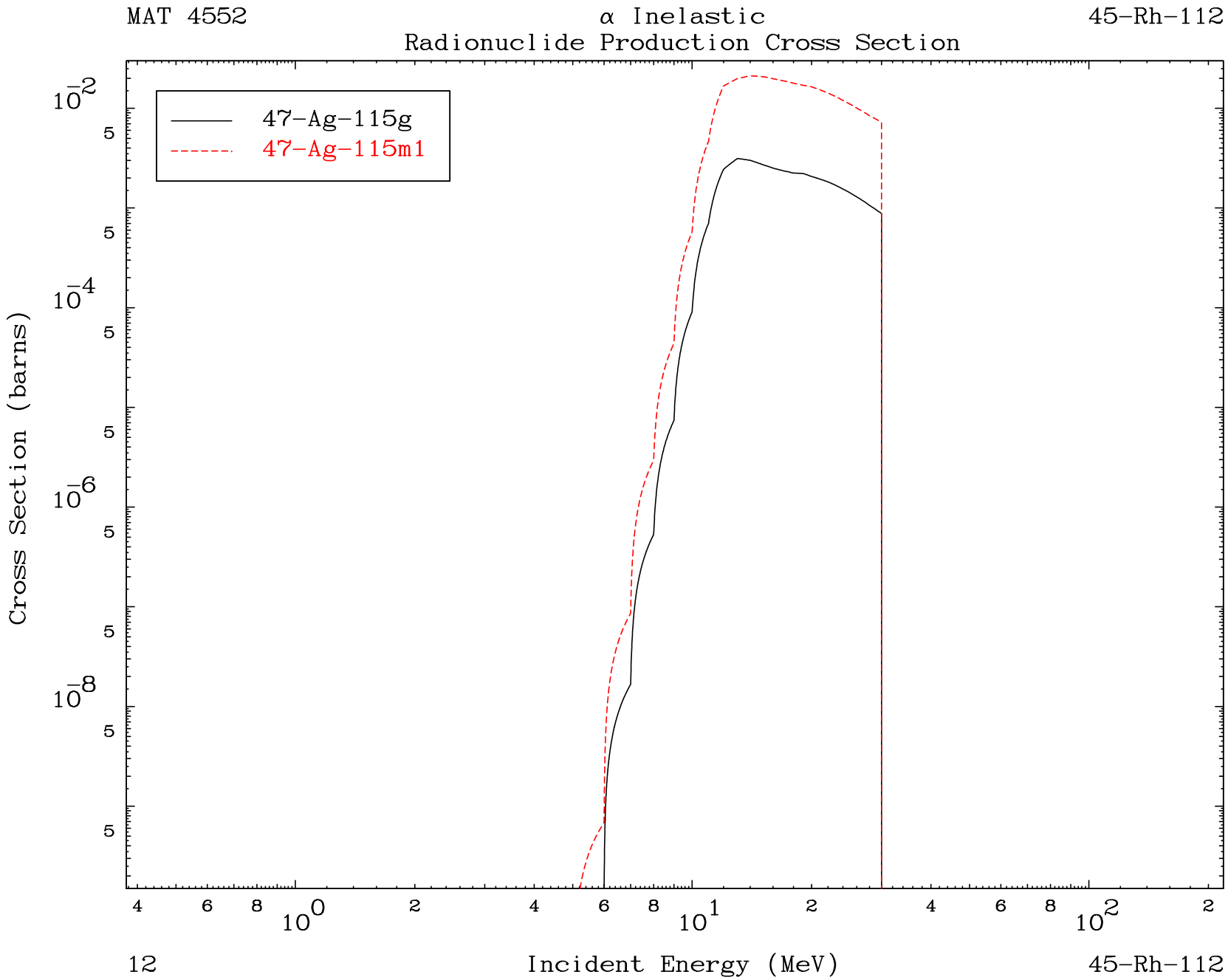

0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^1
2
3
4
10^2
Incident Energy (MeV)

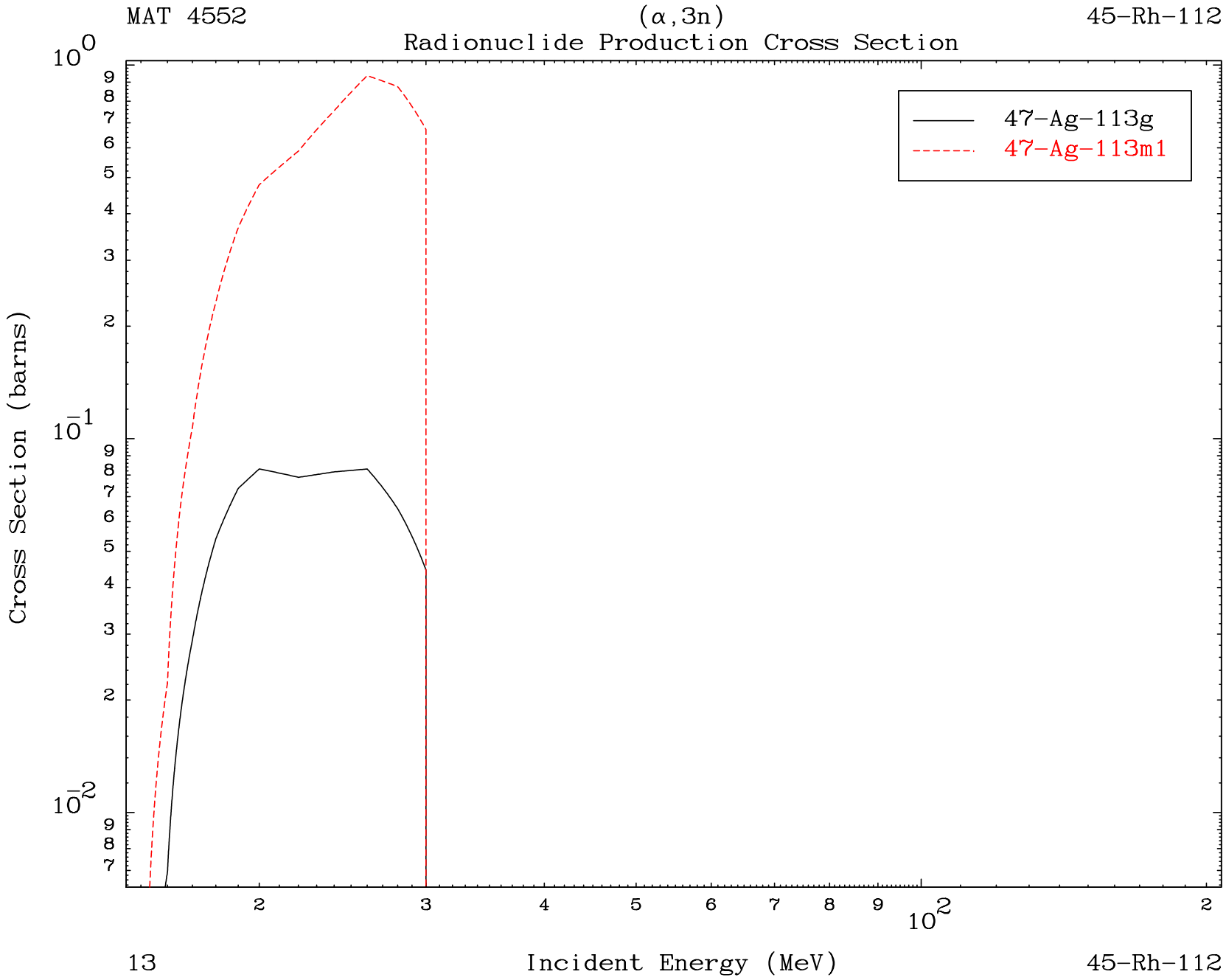

0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)

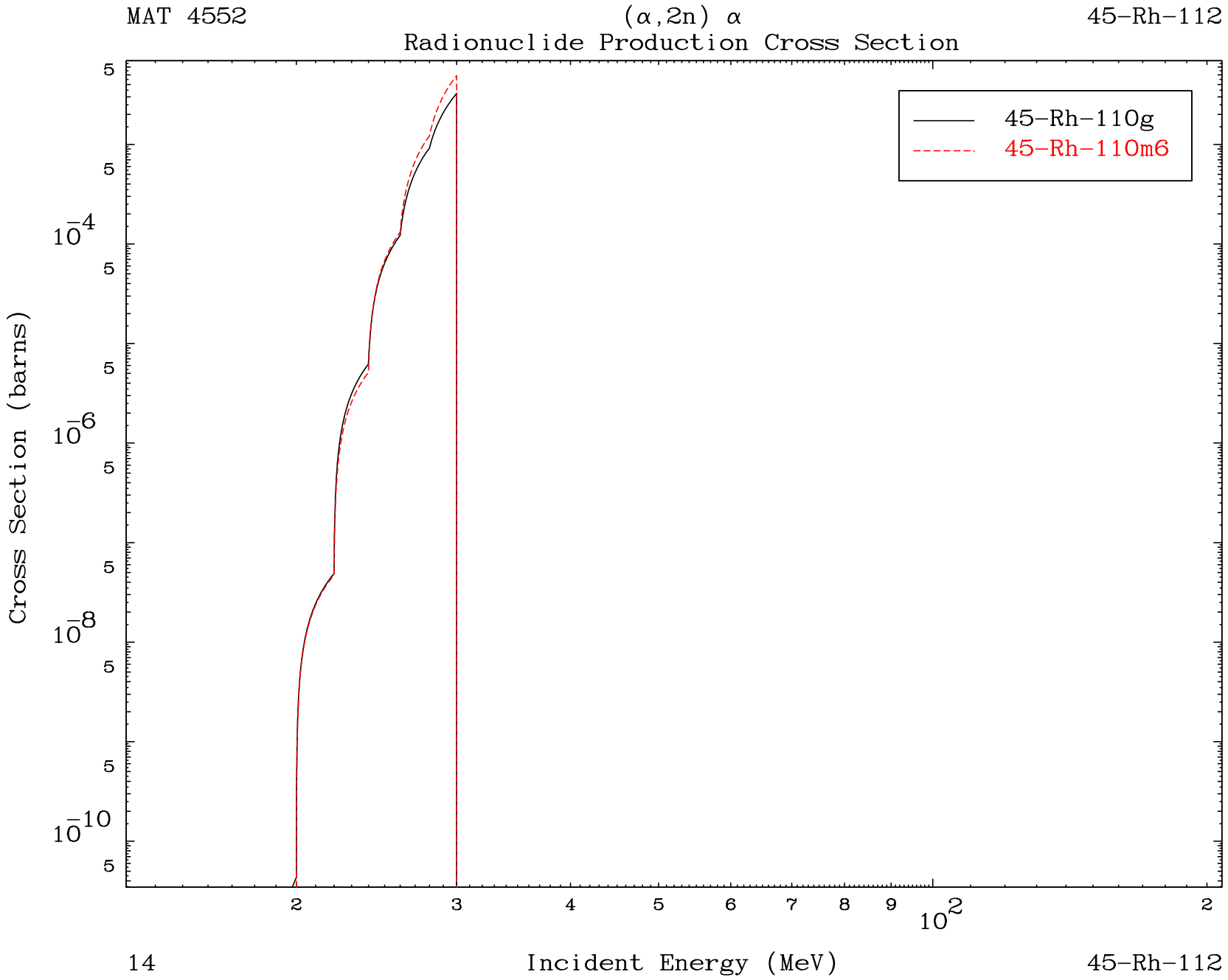

MAT 4552
(α,t) Levels
45-Rh-112
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
10 1
10 2
Incident Energy (MeV)
45-Rh-112

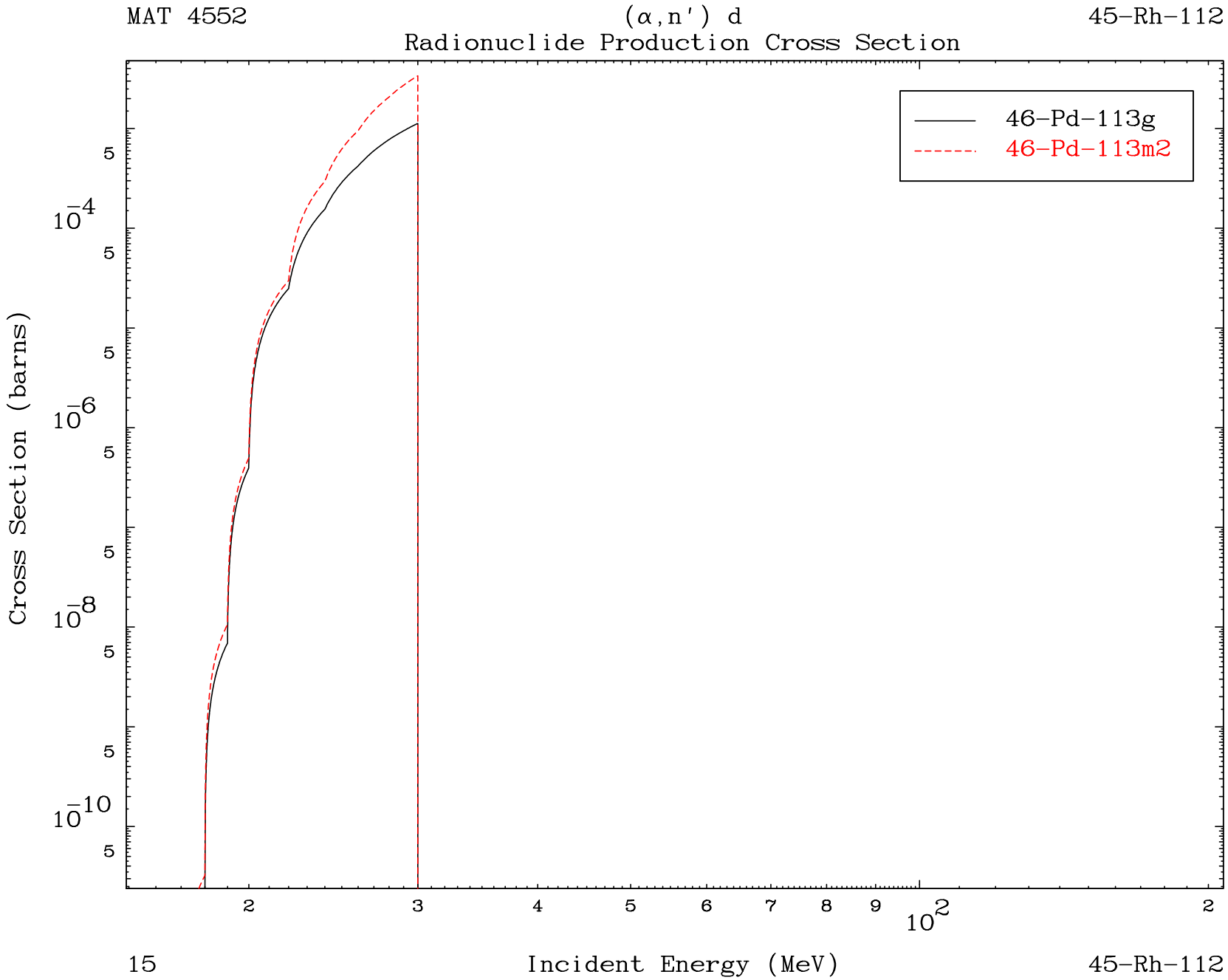

MAT 4552
(α,He3) Levels
45-Rh-112
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
10^2
45-Rh-112

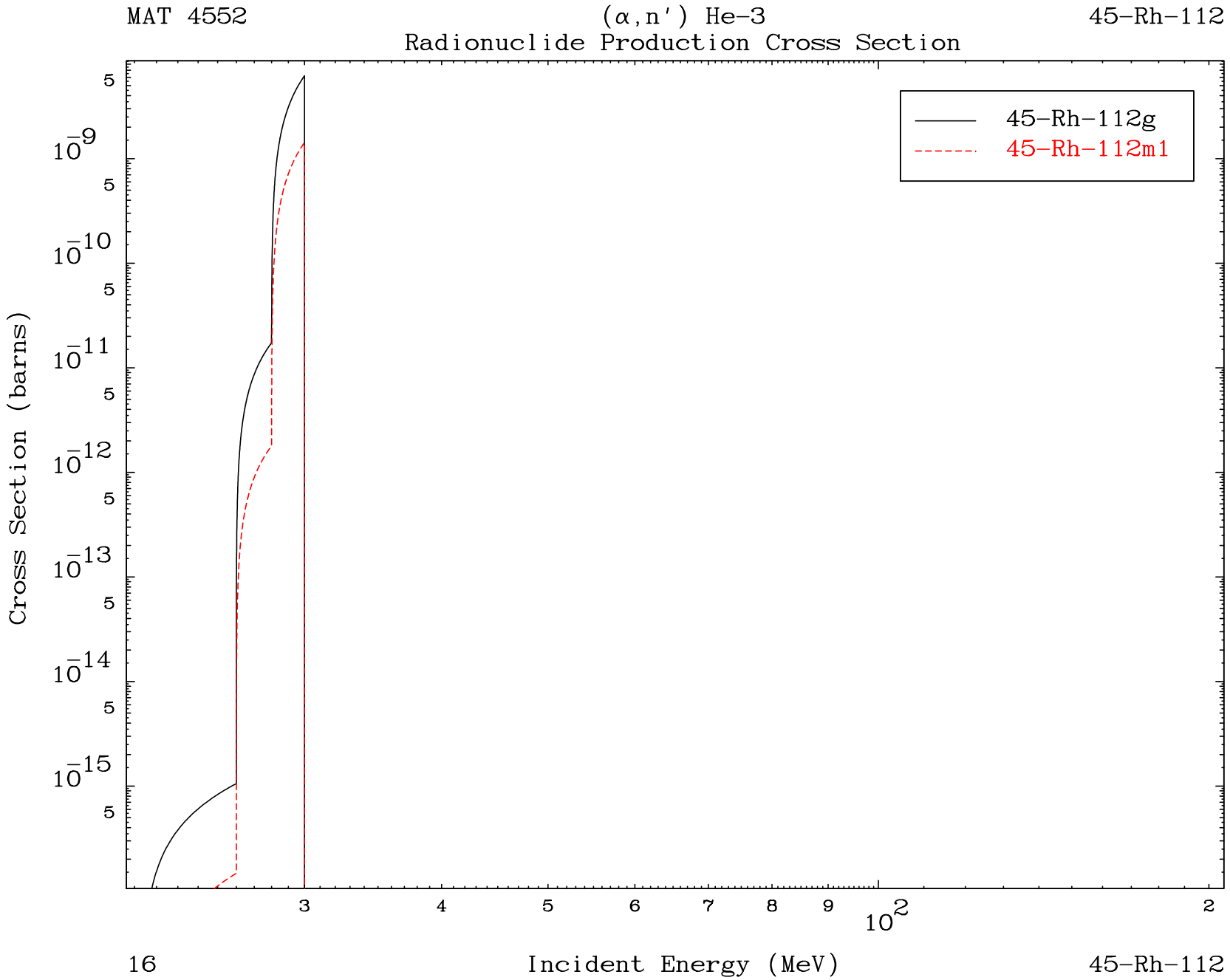

MAT 4552
(α,α) Levels
45-Rh-112
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
6 8 100 2 4 6 8 101 2 4 6 8 102 2
Incident Energy (MeV)
11
45-Rh-112

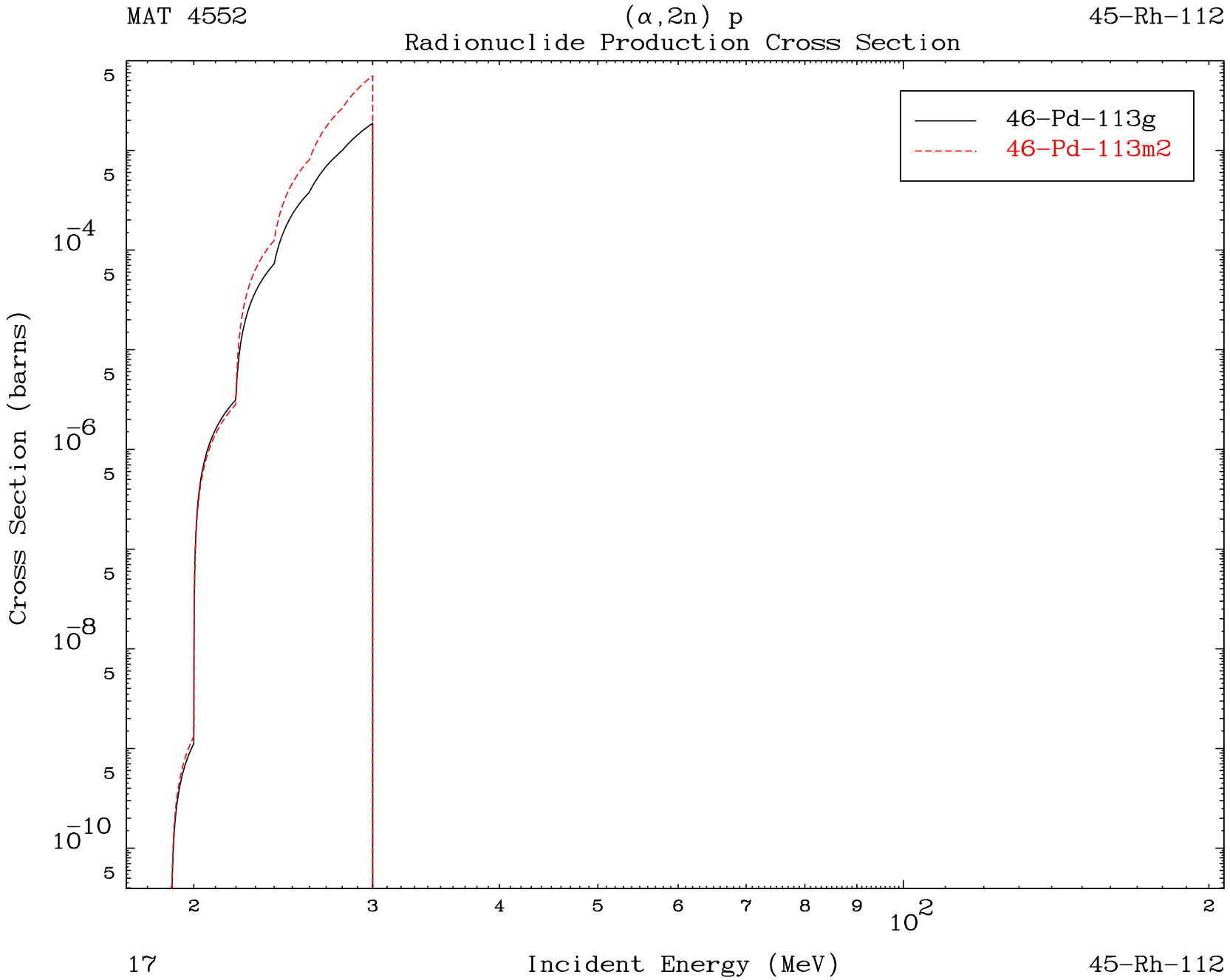

MAT 4552
α Inelastic
45-Rh-112
Radionuclide Production Cross Section
47-Ag-115g
47-Ag-115m1
Cross Section (barns)
Incident Energy (MeV)
12
45-Rh-112

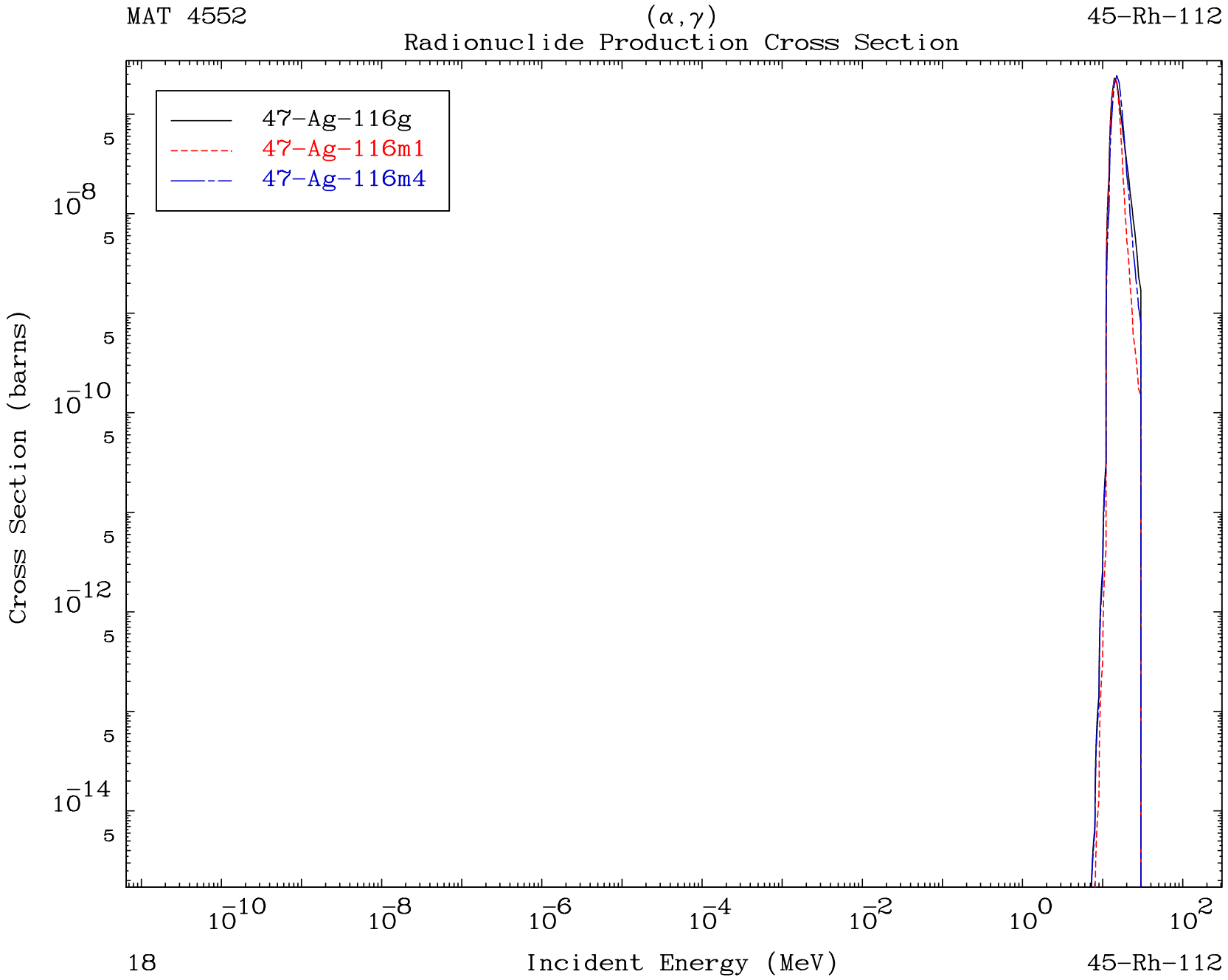

MAT 4552
(α,3n)
45-Rh-112
Radionuclide Production Cross Section
47-Ag-113g
47-Ag-113m1
Cross Section (barns)
Incident Energy (MeV)
13
45-Rh-112

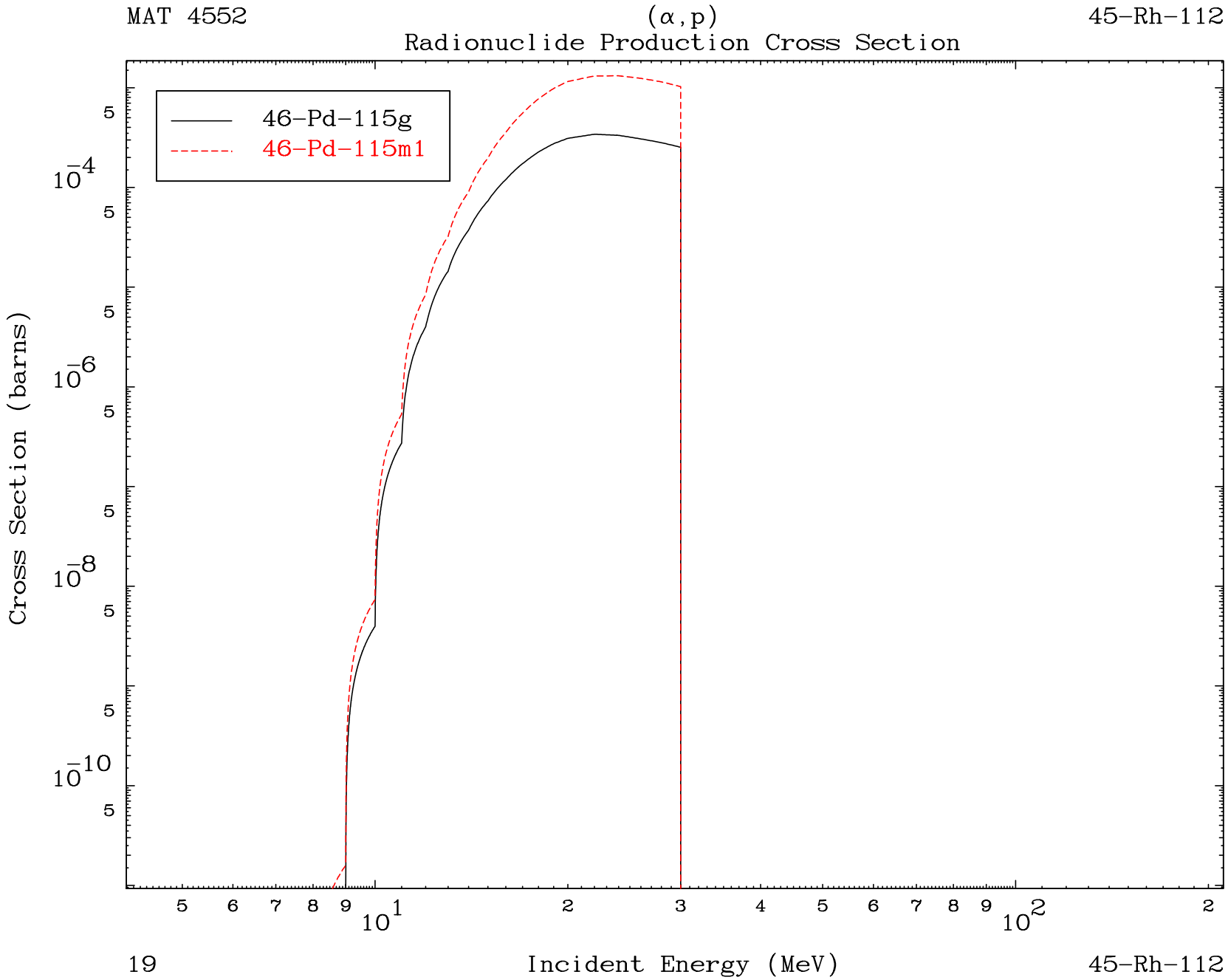

MAT 4552
(α,2n) α
45-Rh-112
Radionuclide Production Cross Section
45-Rh-110g
45-Rh-110m6
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
14
Incident Energy (MeV)
45-Rh-112

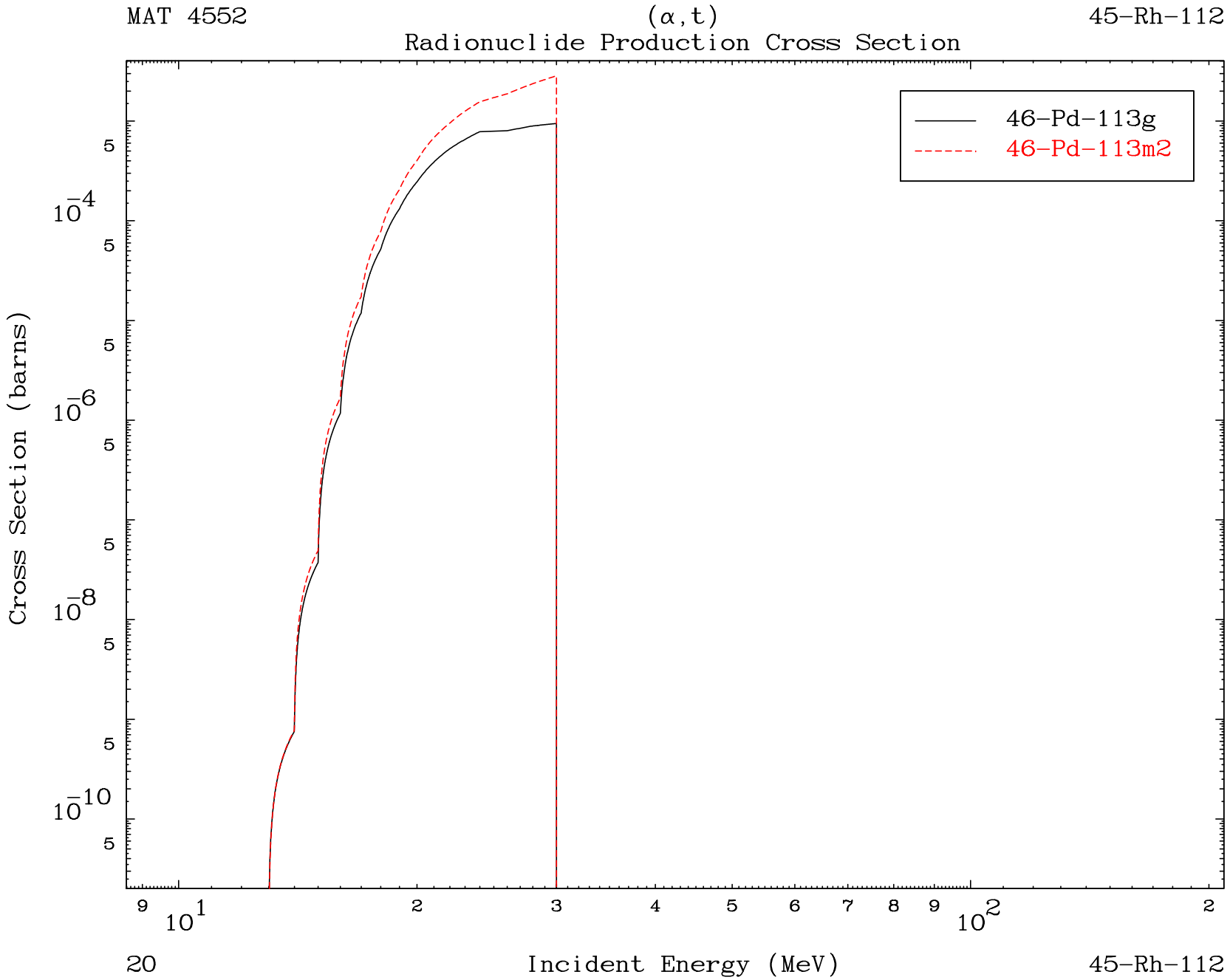

MAT 4552
(α,n') d
45-Rh-112
Radionuclide Production Cross Section
46-Pd-113g
46-Pd-113m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
45-Rh-112

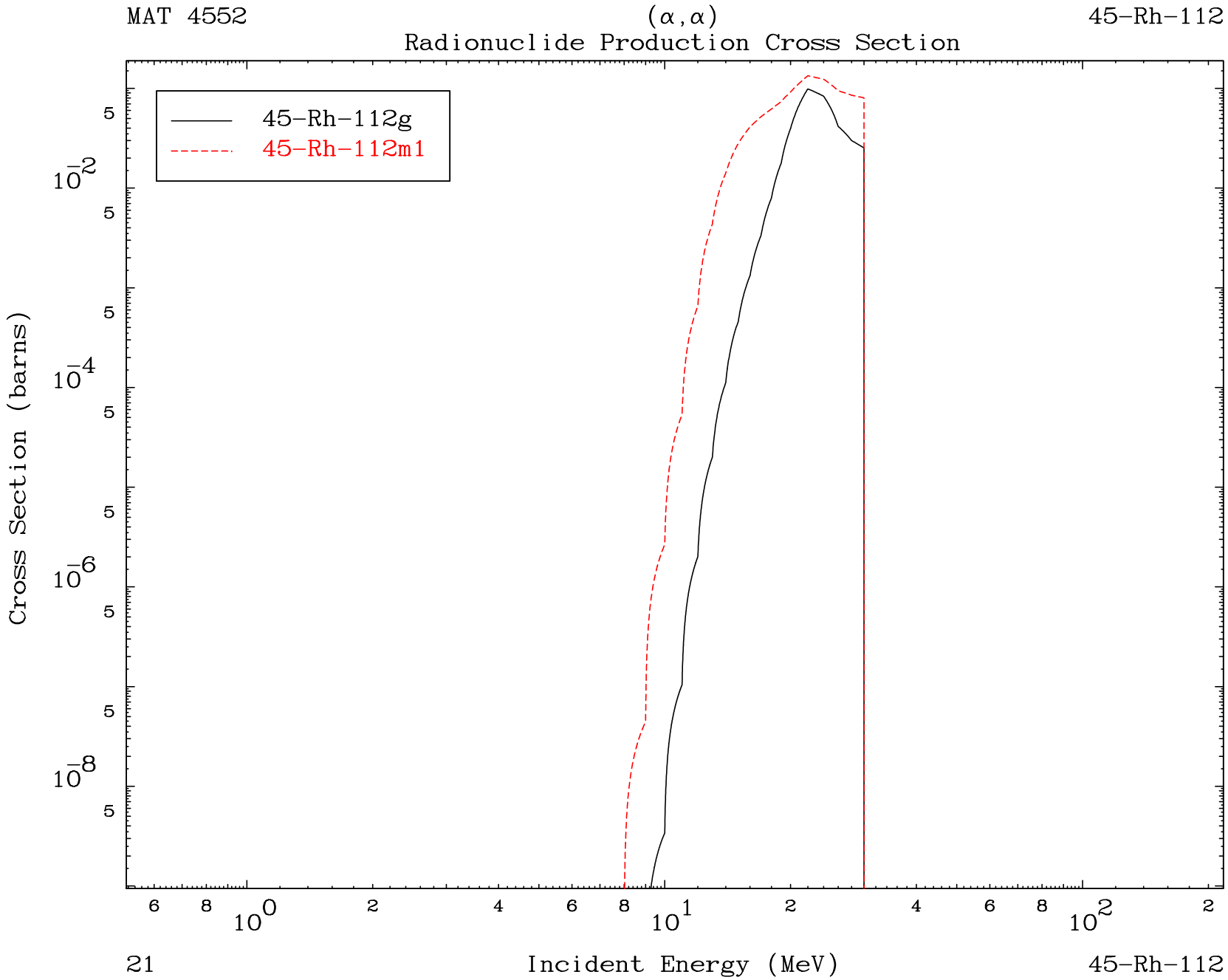

MAT 4552
(α,n') He-3
45-Rh-112
Radionuclide Production Cross Section
45-Rh-112g
45-Rh-112m1
Cross Section (barns)
Incident Energy (MeV)
16
45-Rh-112

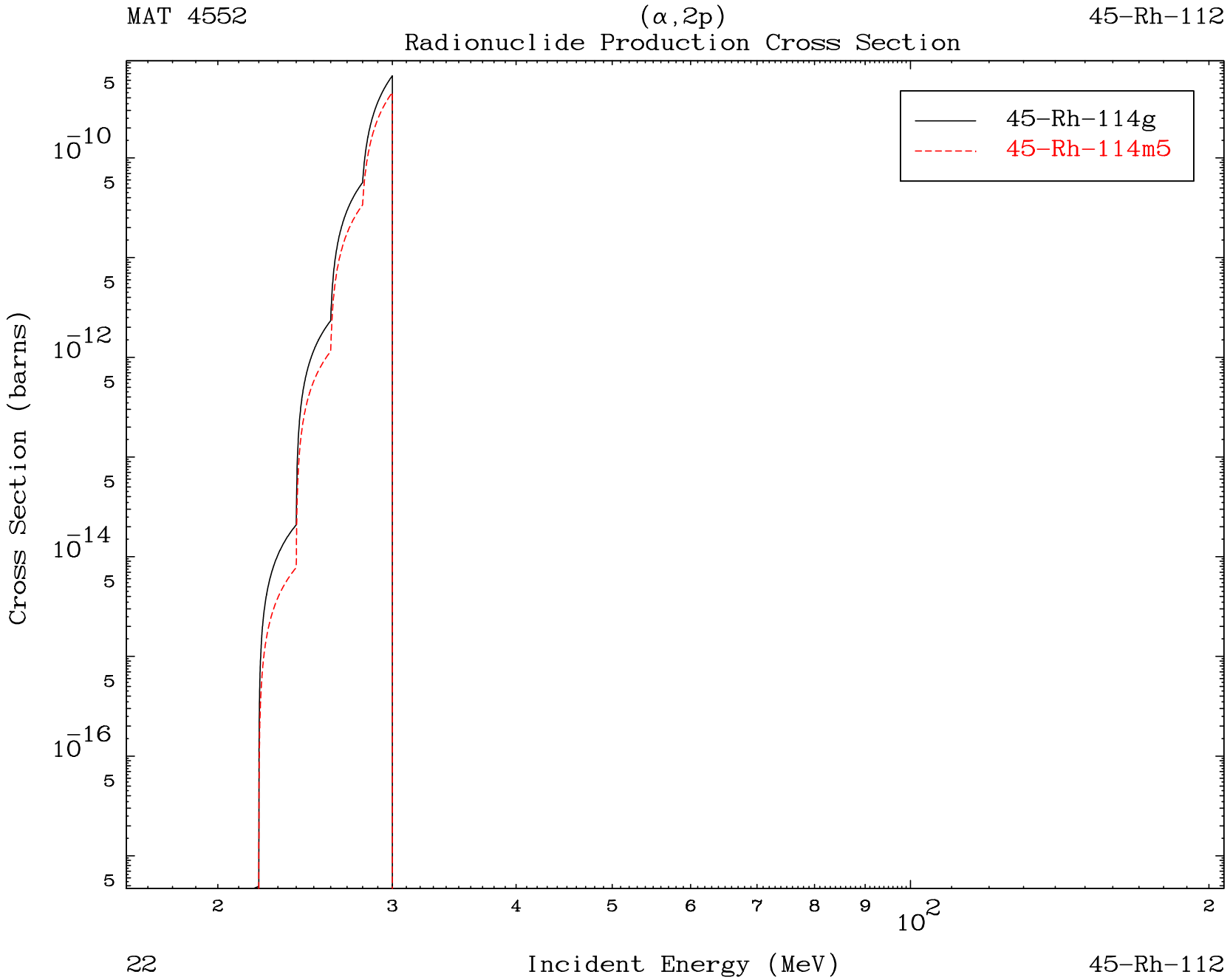

MAT 4552
(α,2n) p
45-Rh-112
Radionuclide Production Cross Section
46-Pd-113g
46-Pd-113m2
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
17
Incident Energy (MeV)
45-Rh-112


MAT 4552
(α,γ)
45-Rh-112
Radionuclide Production Cross Section
47-Ag-116g
47-Ag-116m1
47-Ag-116m4
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
18
Incident Energy (MeV)
45-Rh-112


MAT 4552
(α,p)
45-Rh-112
Radionuclide Production Cross Section
46-Pd-115g
46-Pd-115m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
19
45-Rh-112


MAT 4552
(α,t)
45-Rh-112
Radionuclide Production Cross Section
46-Pd-113g
46-Pd-113m2
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
20
45-Rh-112


MAT 4552
(α,α)
45-Rh-112
Radionuclide Production Cross Section
45-Rh-112g
45-Rh-112m1
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
21
45-Rh-112


MAT 4552
(α,2p)
45-Rh-112
Radionuclide Production Cross Section
45-Rh-114g
45-Rh-114m5
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
3
4
6
7
8
9
10^2
22
Incident Energy (MeV)
45-Rh-112