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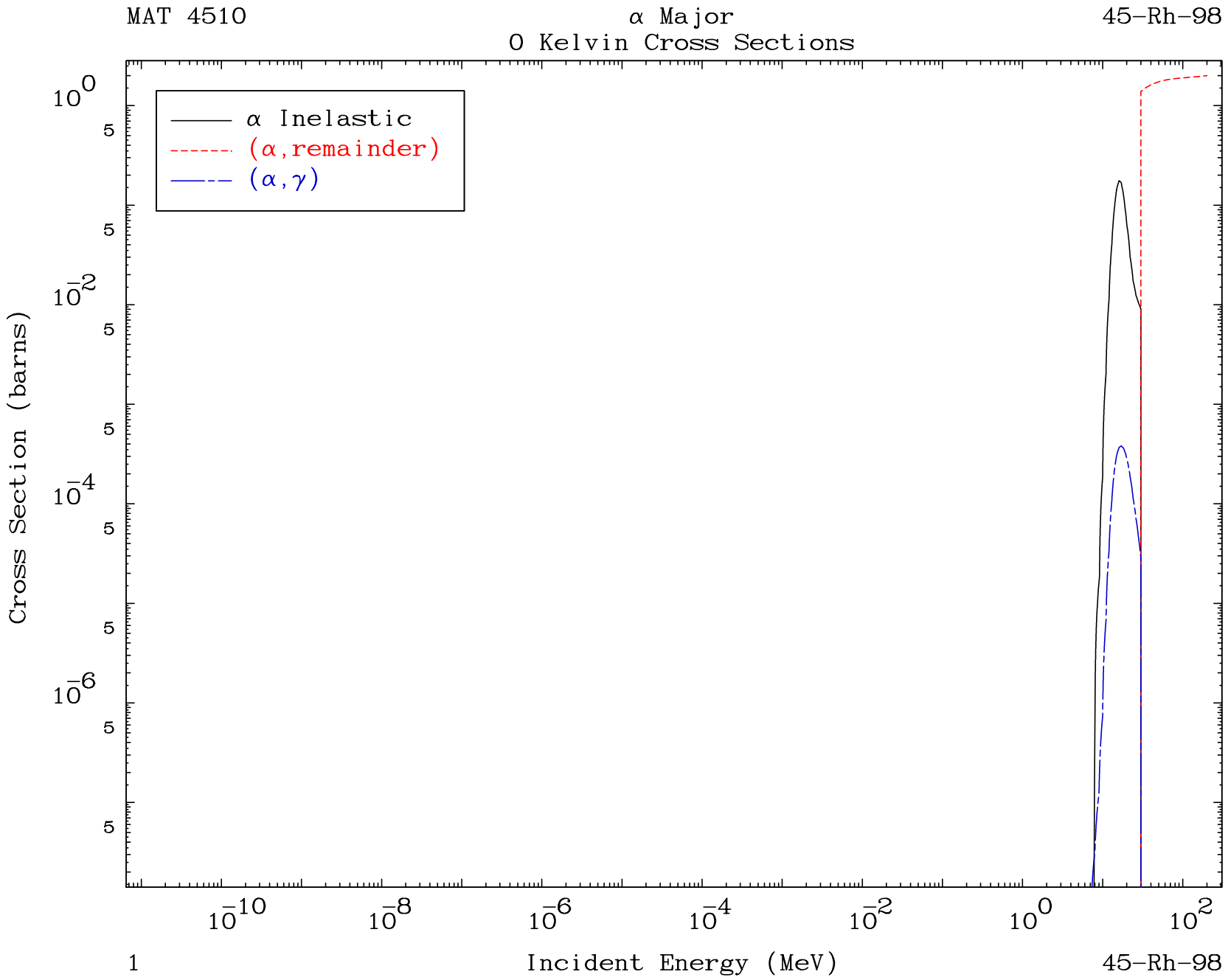
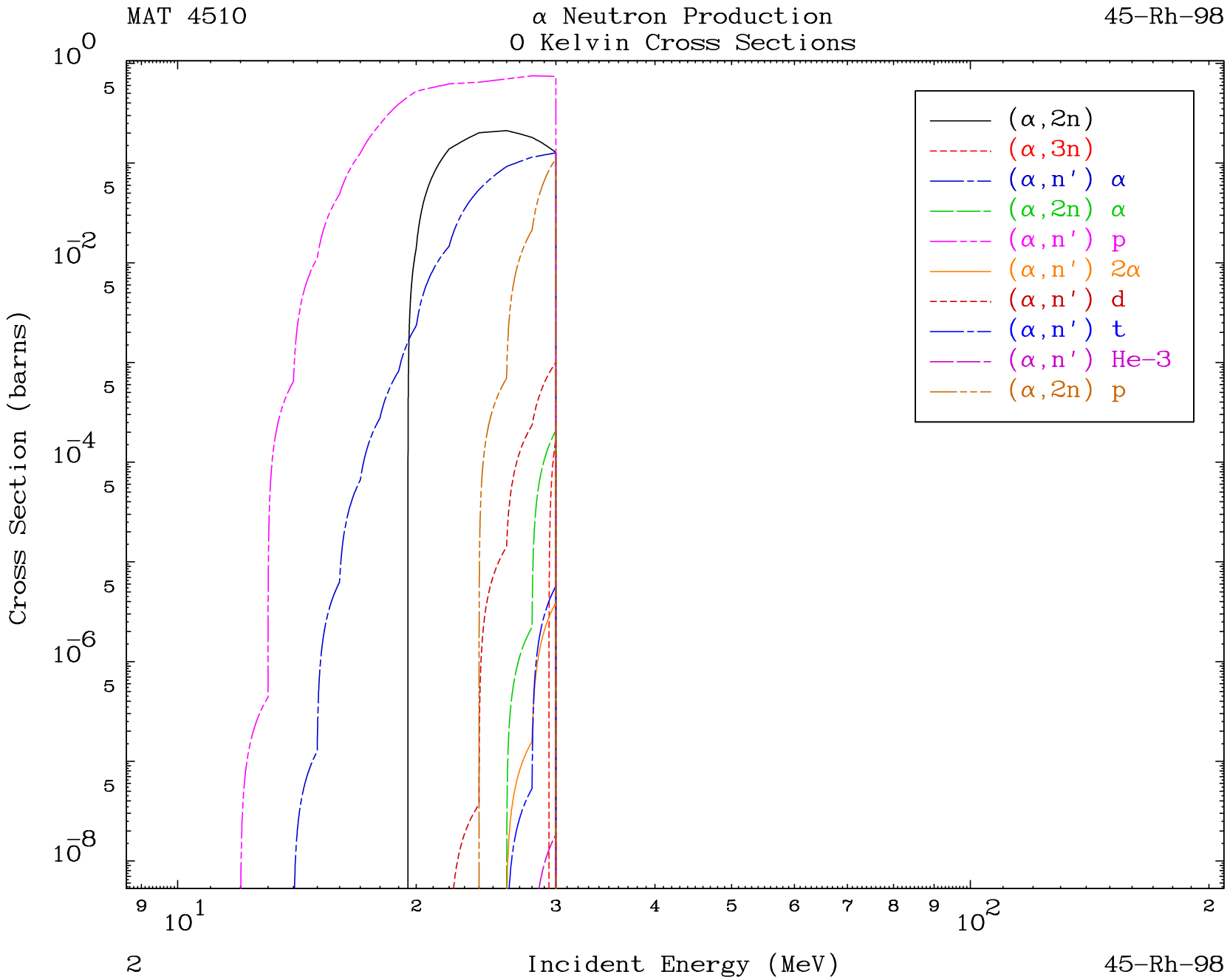
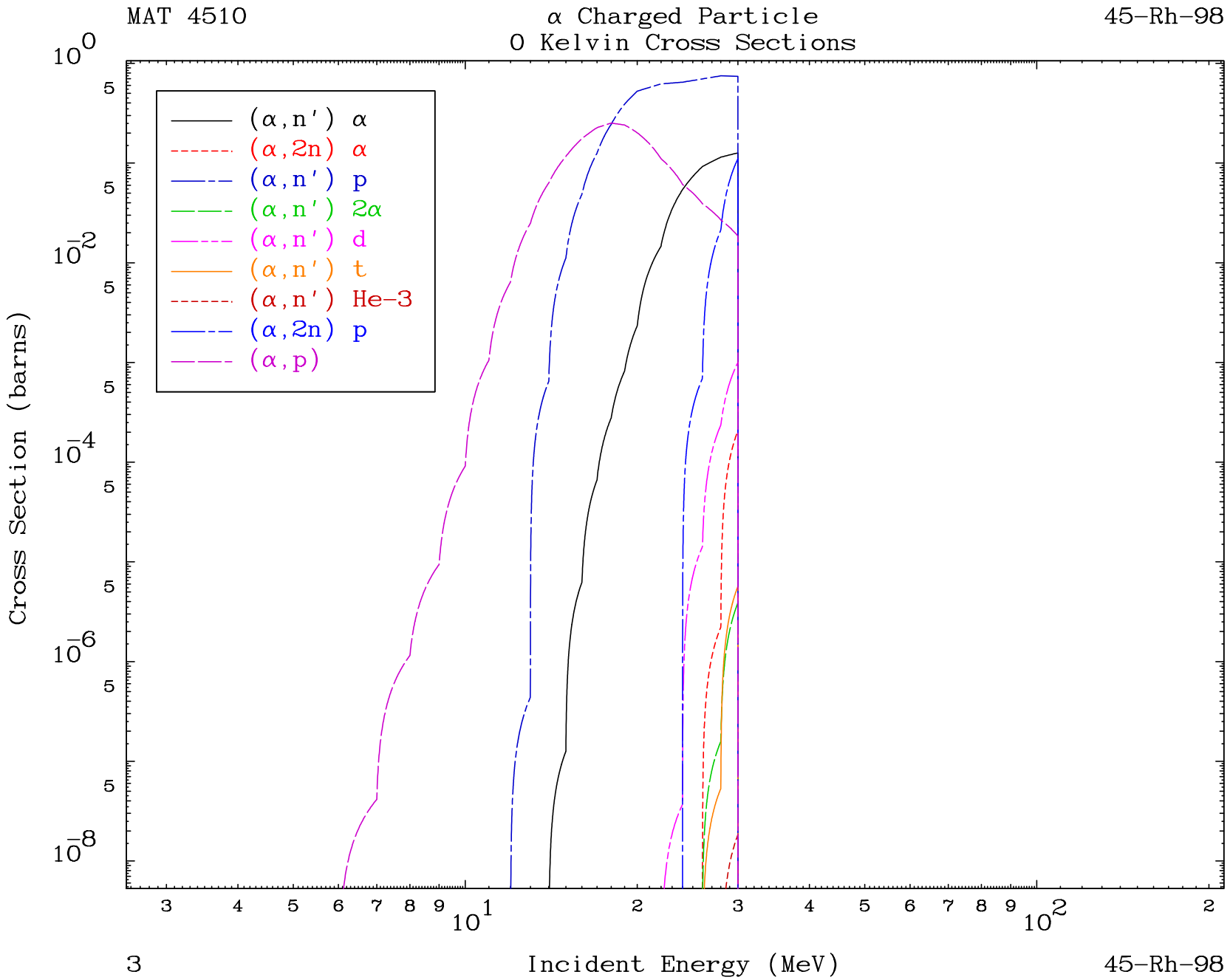
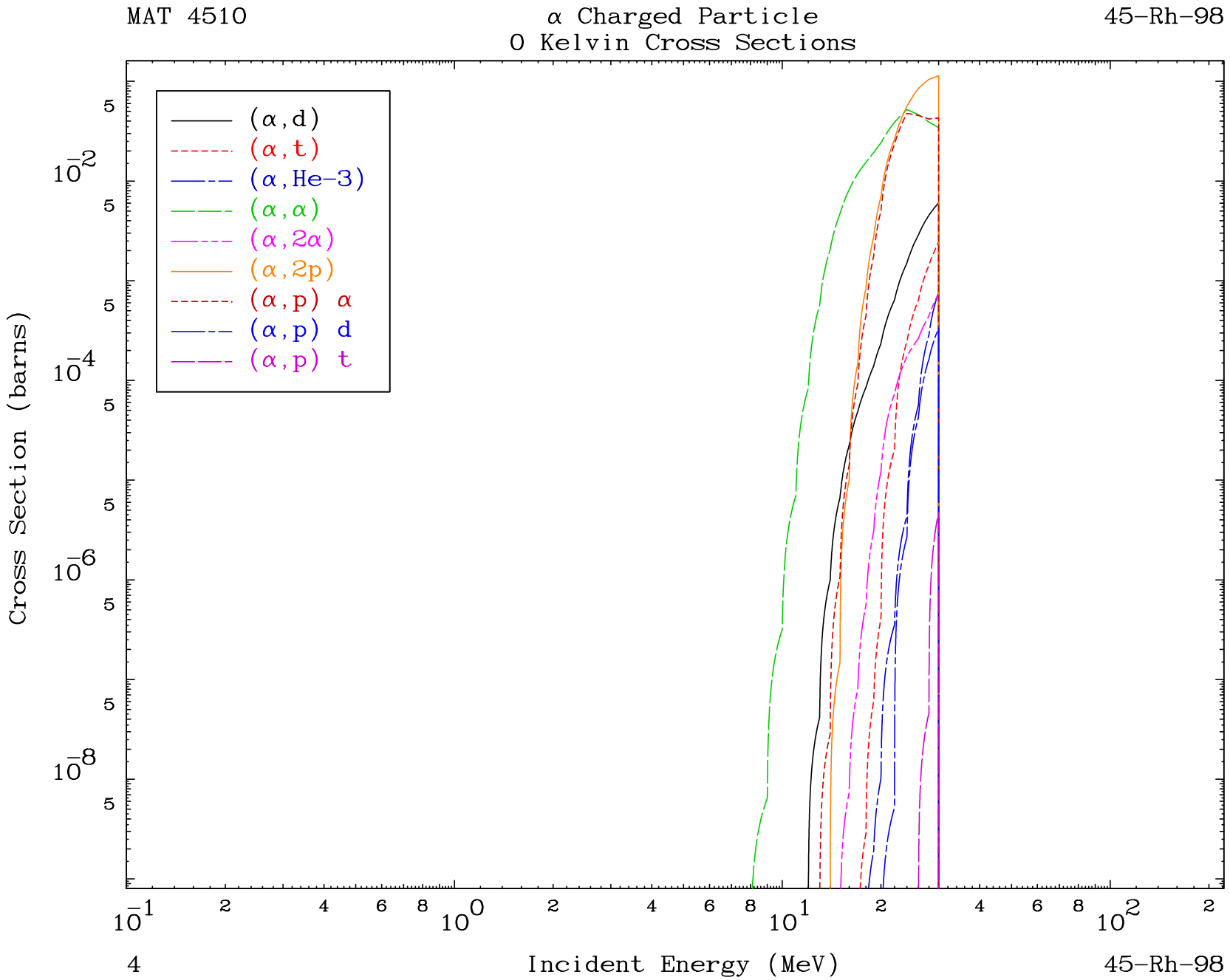
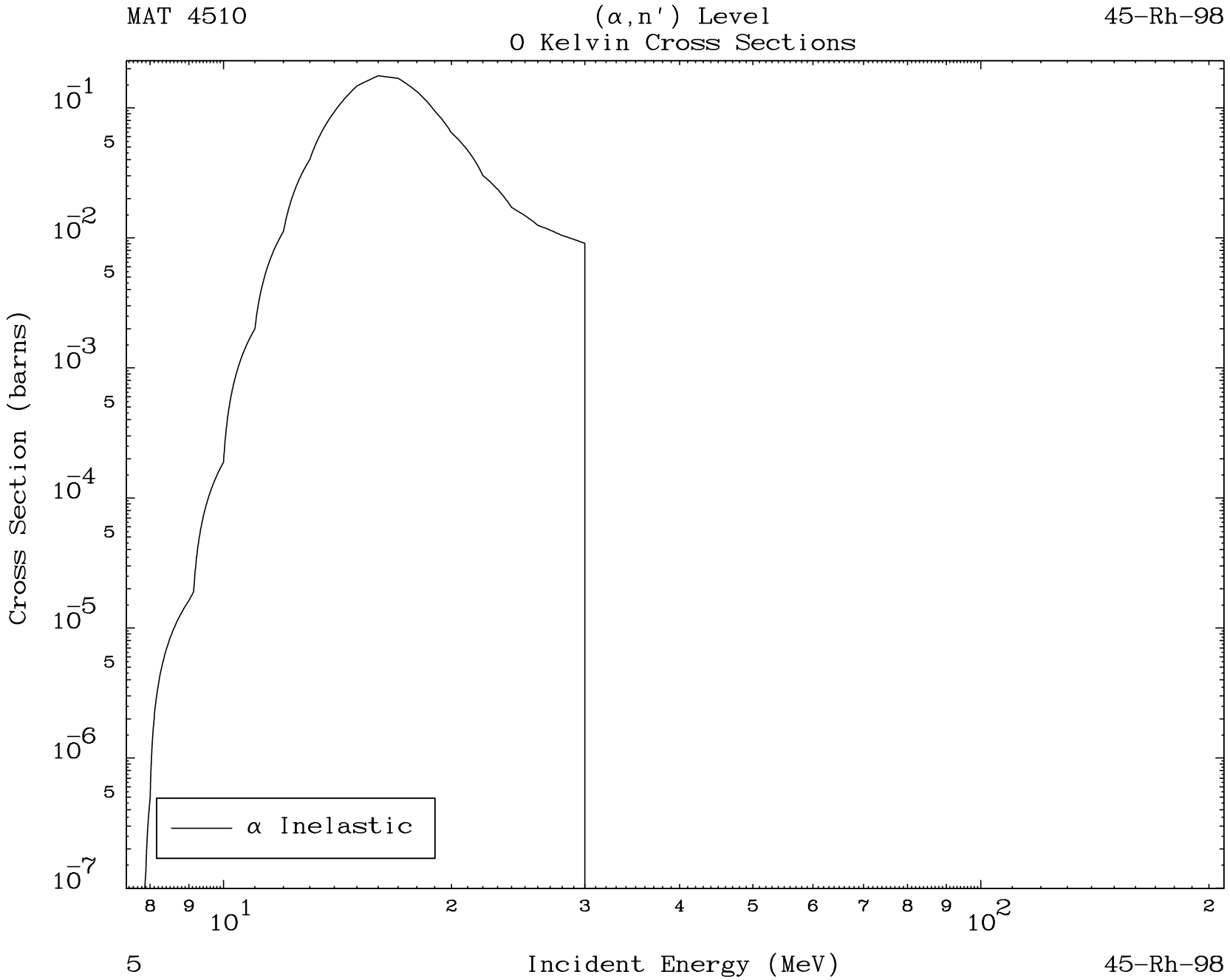
Press Mouse Button to Start

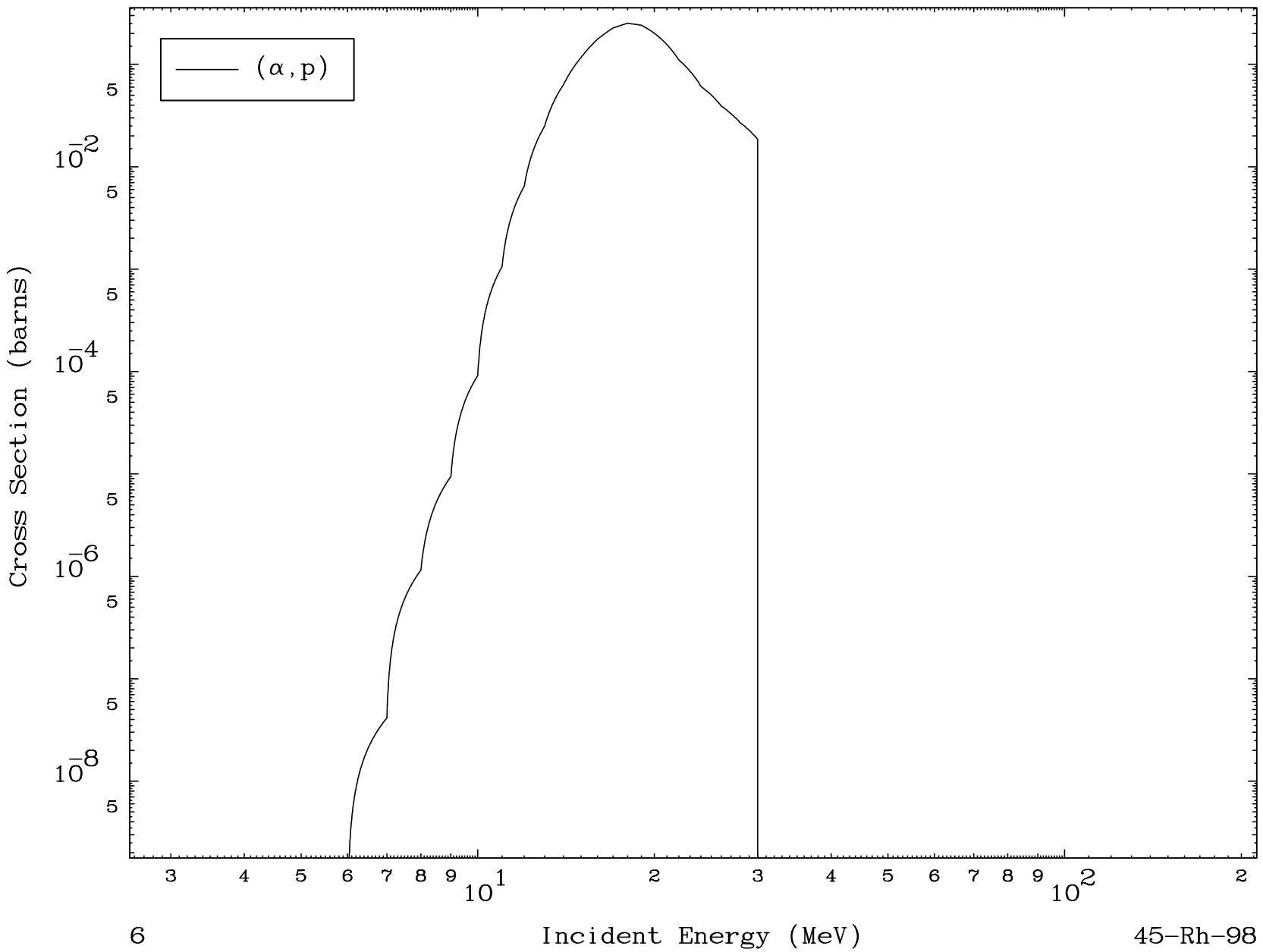

MAT 4510
α Major
45-Rh-98
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
45-Rh-98
1

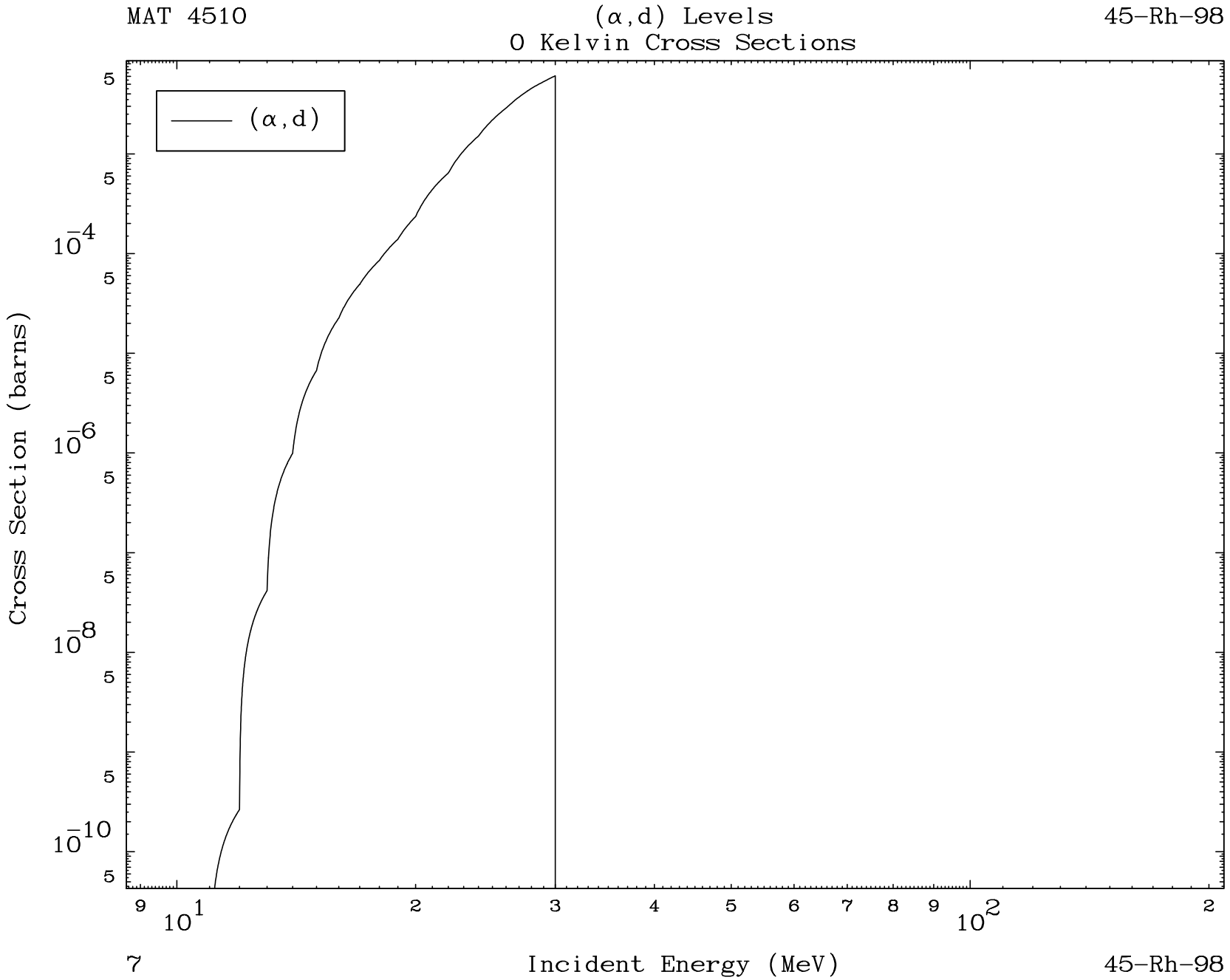

MAT 4510
α Neutron Production
0 Kelvin Cross Sections
45-Rh-98
Cross Section (barns)
Incident Energy (MeV)
45-Rh-98
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p

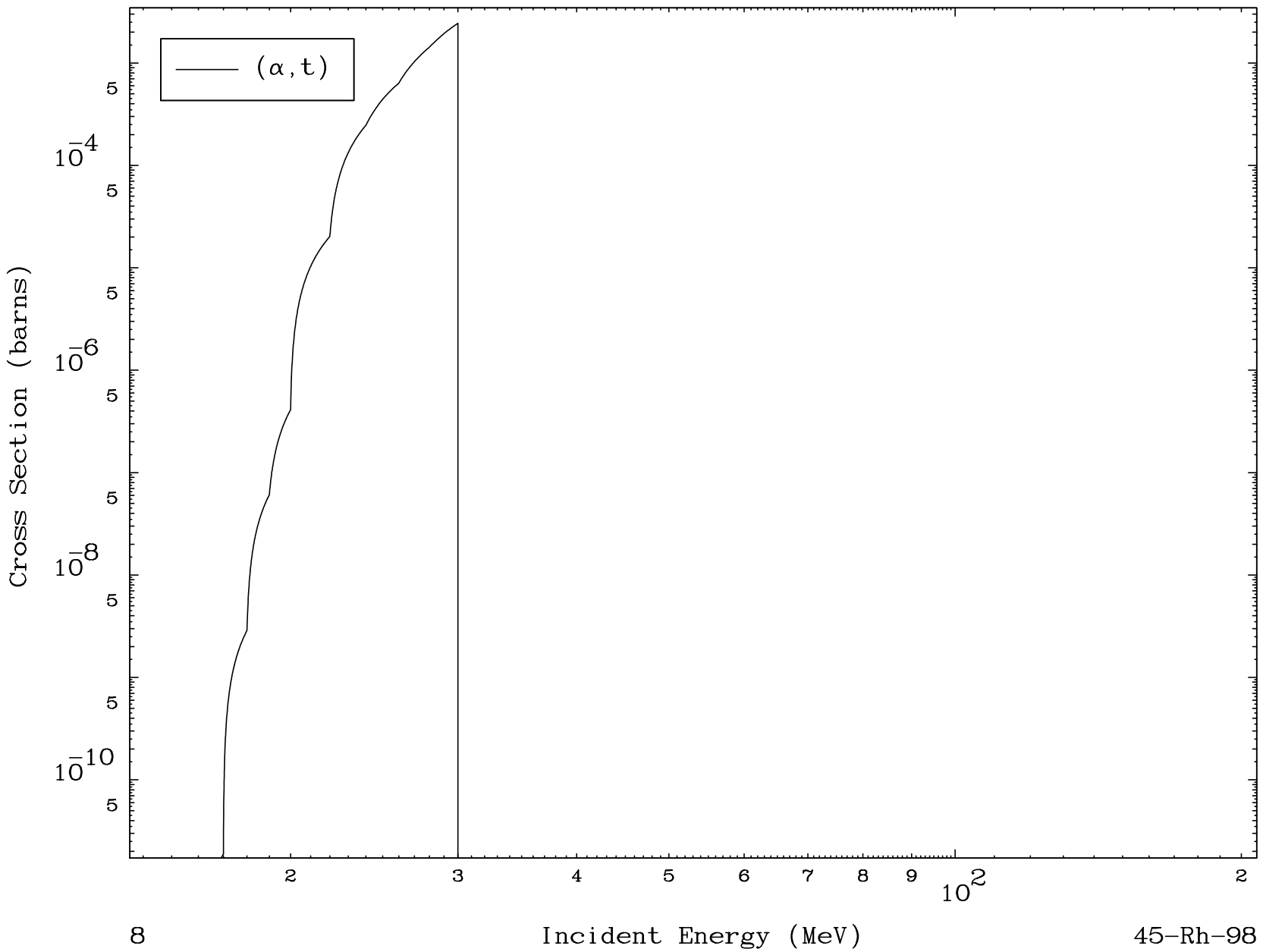

MAT 4510
α Charged Particle
0 Kelvin Cross Sections
45-Rh-98
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,p)
Cross Section (barns)
Incident Energy (MeV)
3
45-Rh-98

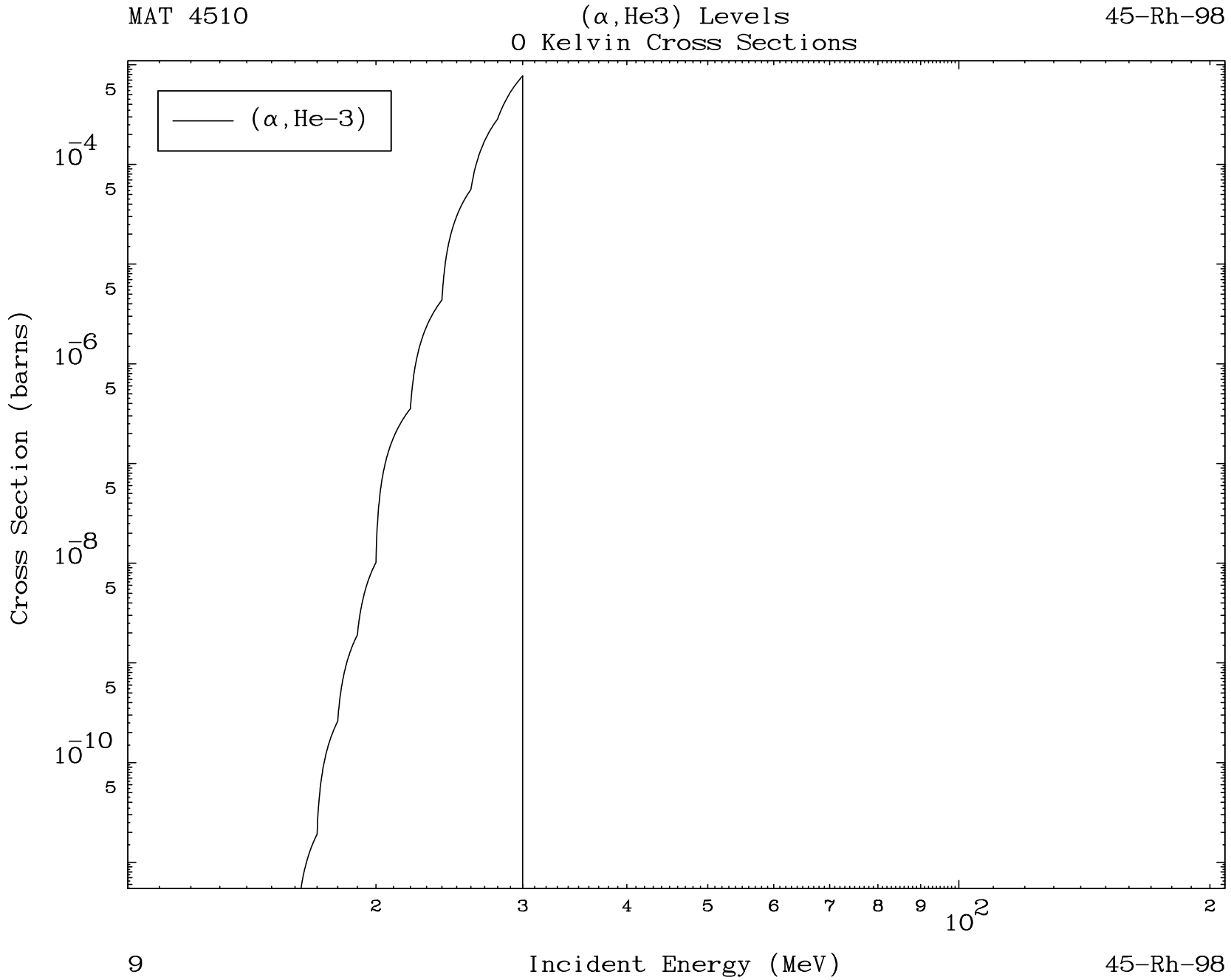

MAT 4510
α Charged Particle
0 Kelvin Cross Sections
45-Rh-98
(α,d)
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
4
45-Rh-98

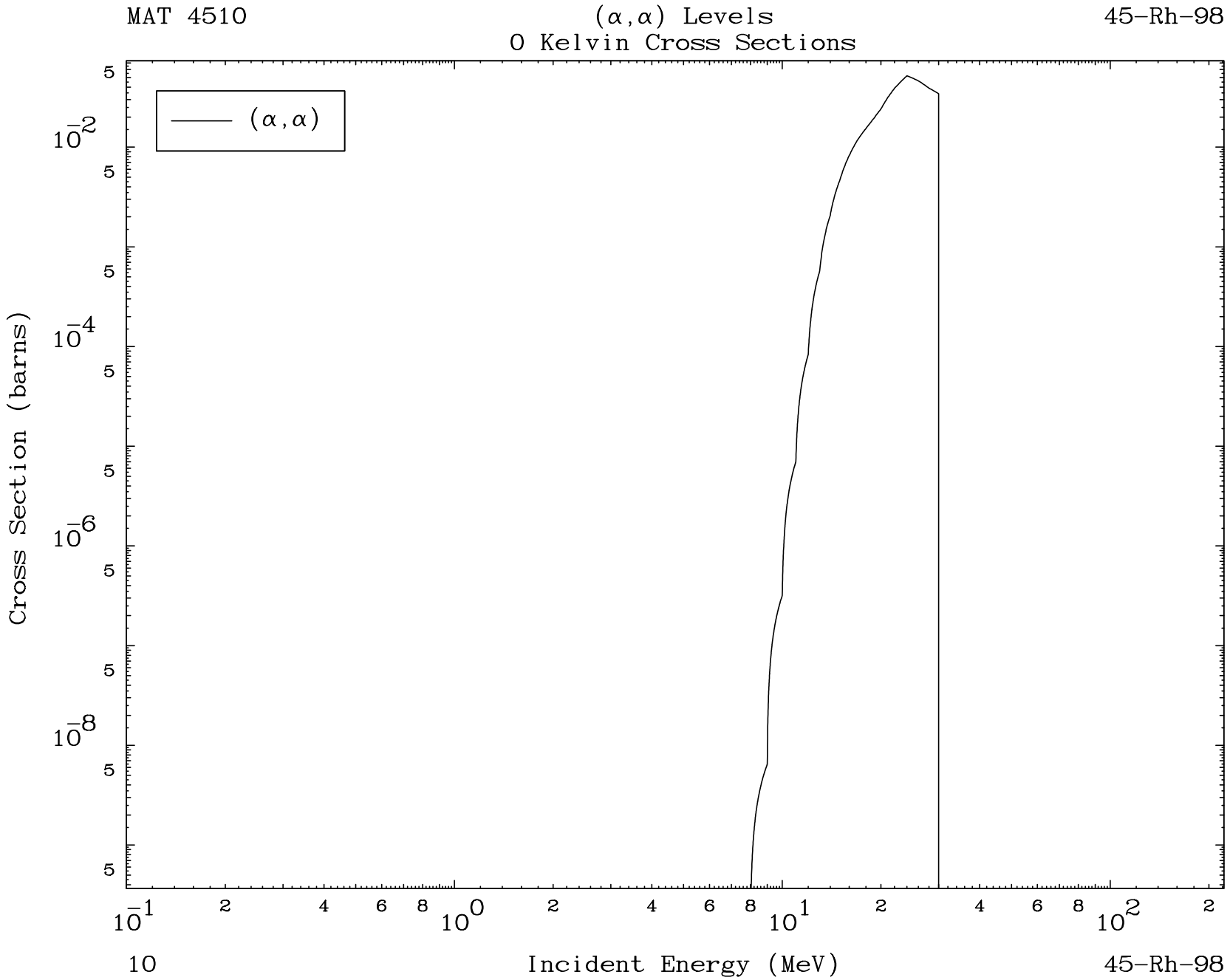

MAT 4510
(α,n') Level
45-Rh-98
0 Kelvin Cross Sections
Cross Section (barns)
10-1
10-2
10-3
10-4
10-5
10-6
10-7
α Inelastic
8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
5
Incident Energy (MeV)
45-Rh-98

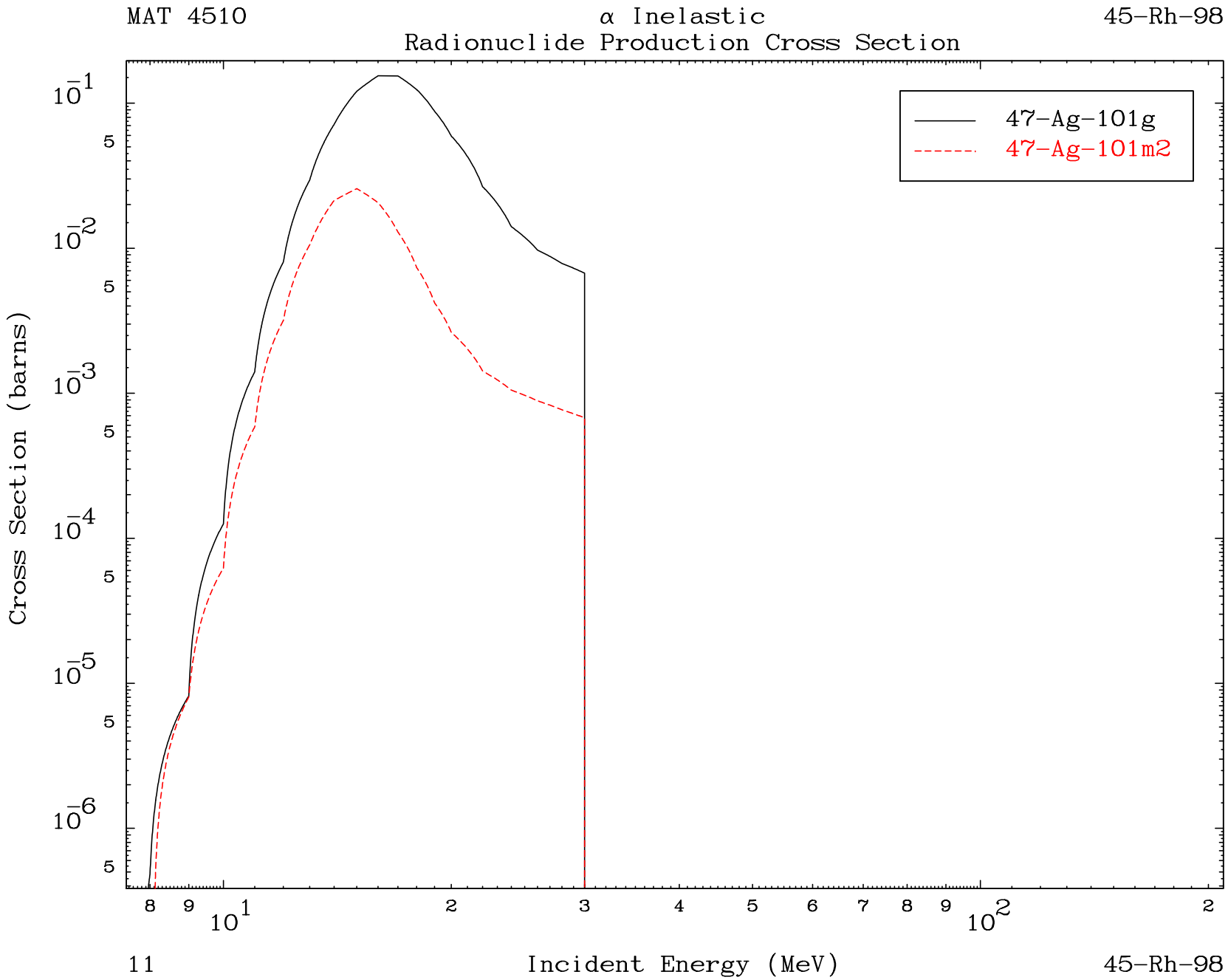

0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
3 4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)

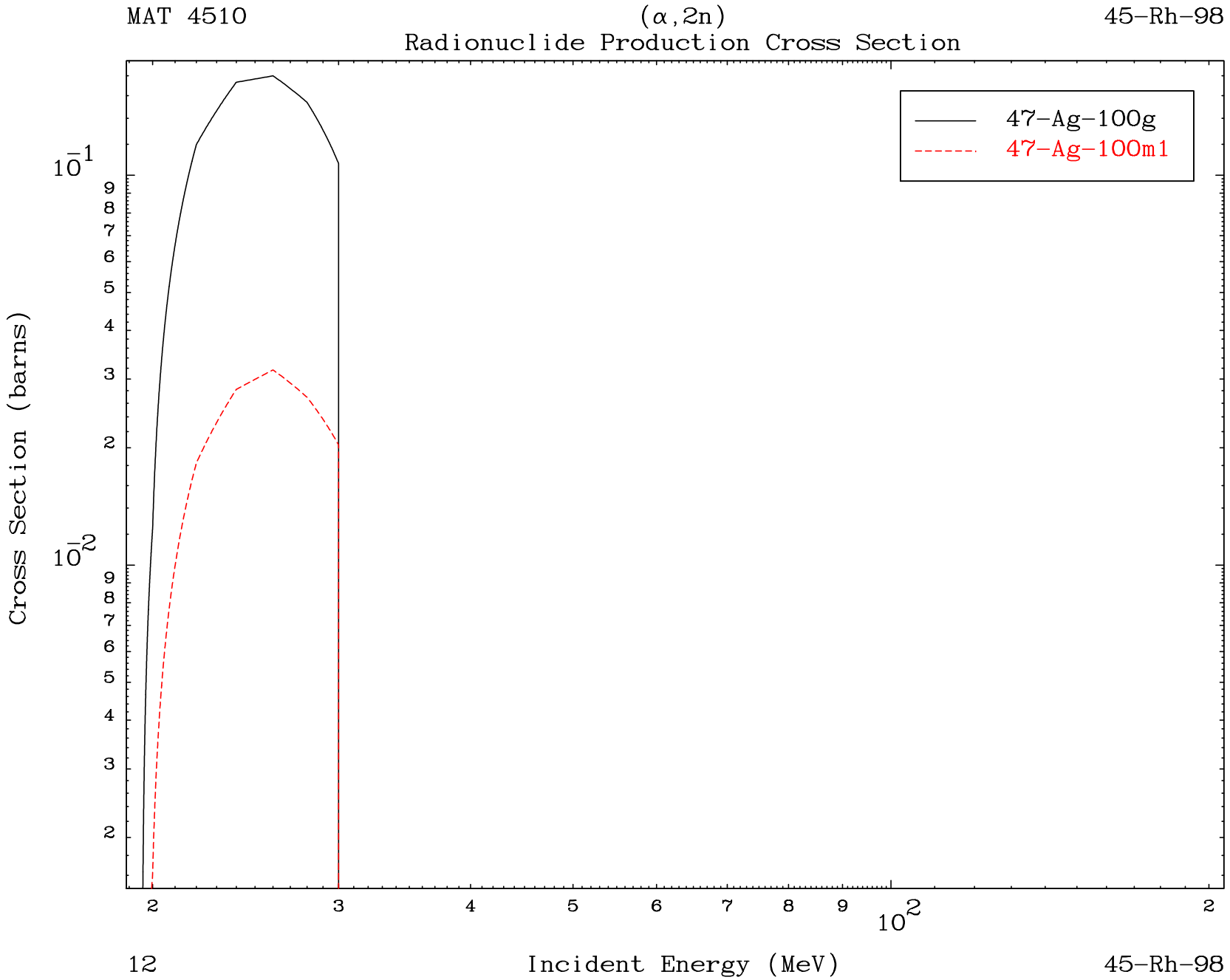

MAT 4510
(α,d) Levels
45-Rh-98
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
Incident Energy (MeV)
45-Rh-98
7

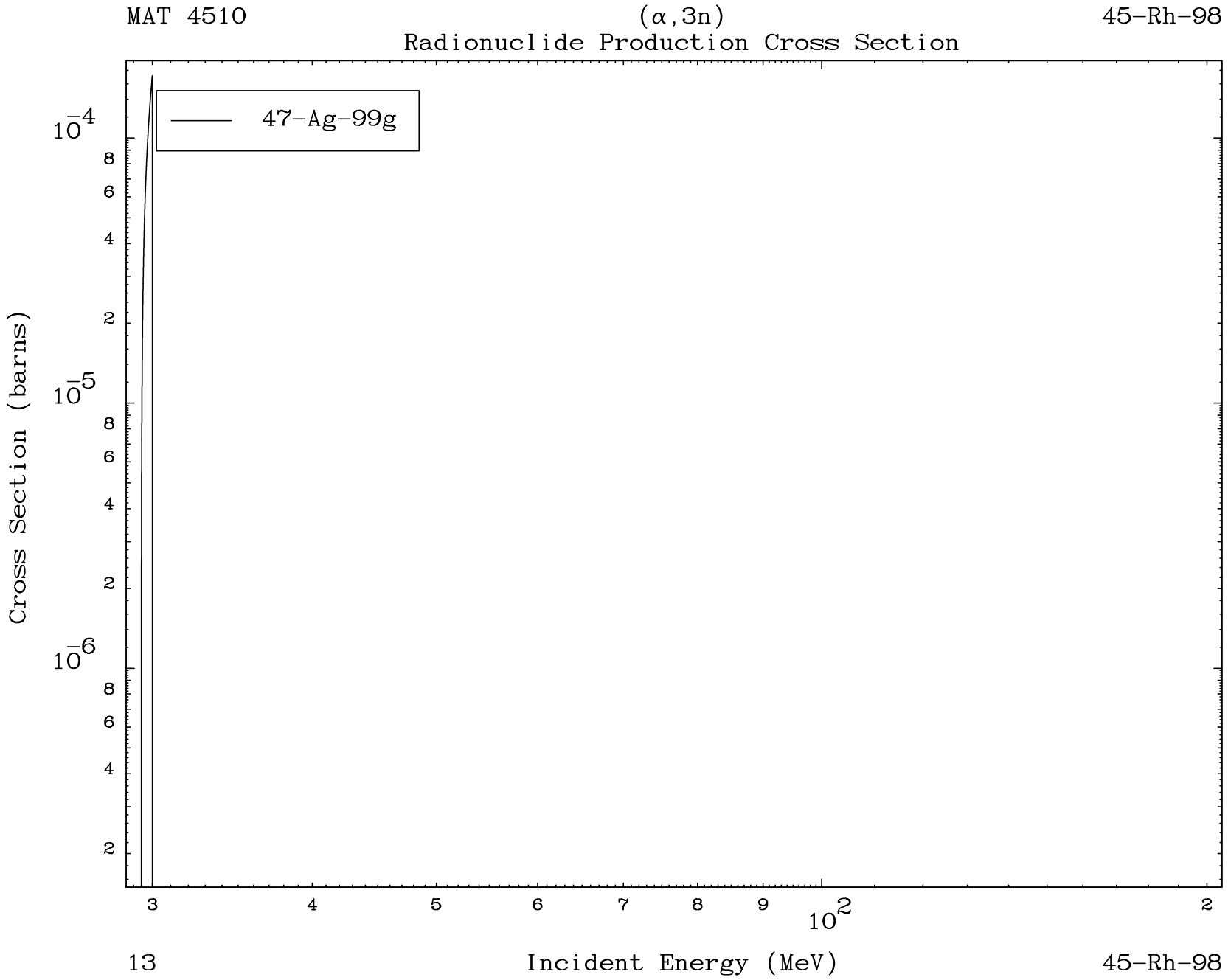

0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

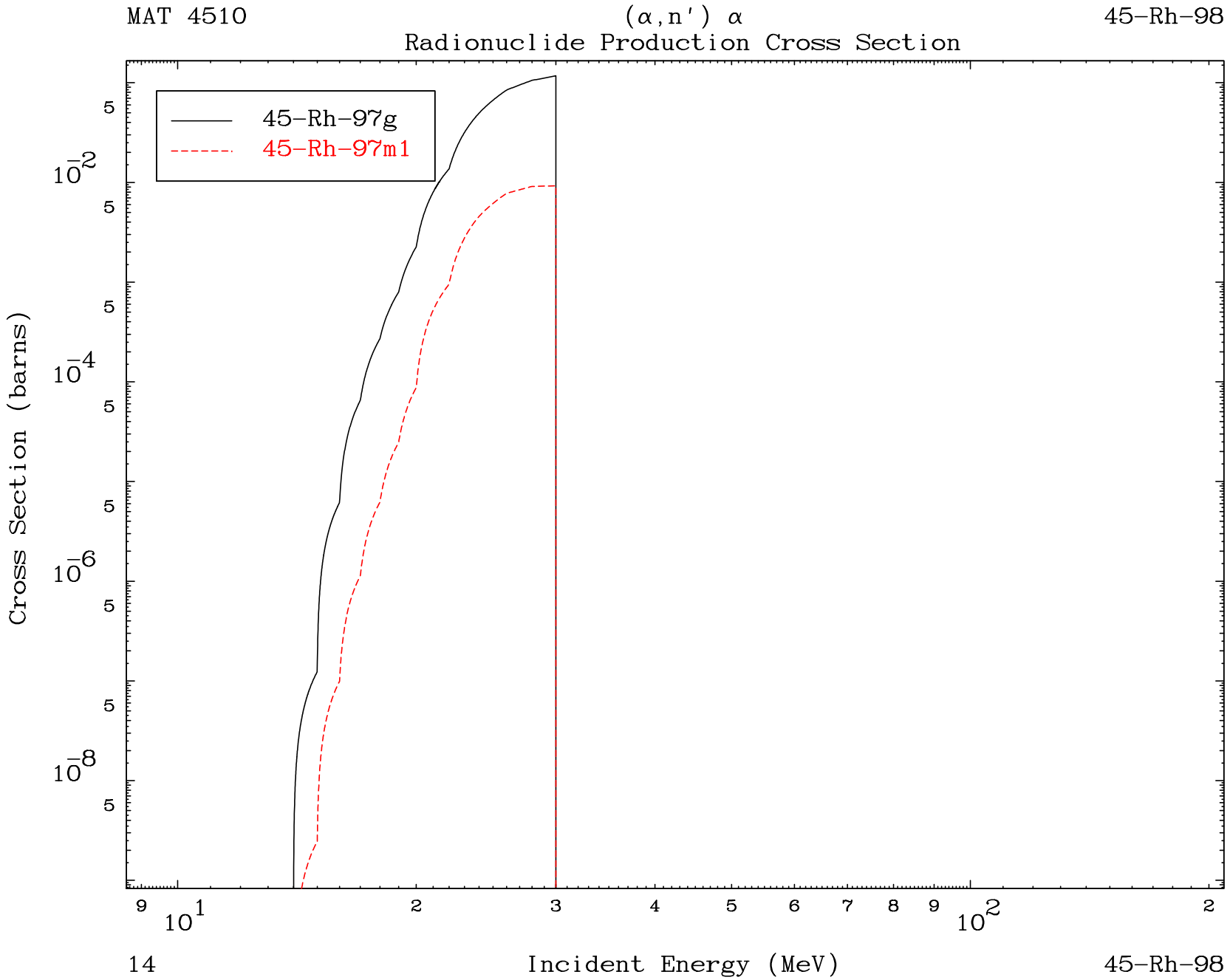

MAT 4510
(α,He3) Levels
45-Rh-98
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
45-Rh-98

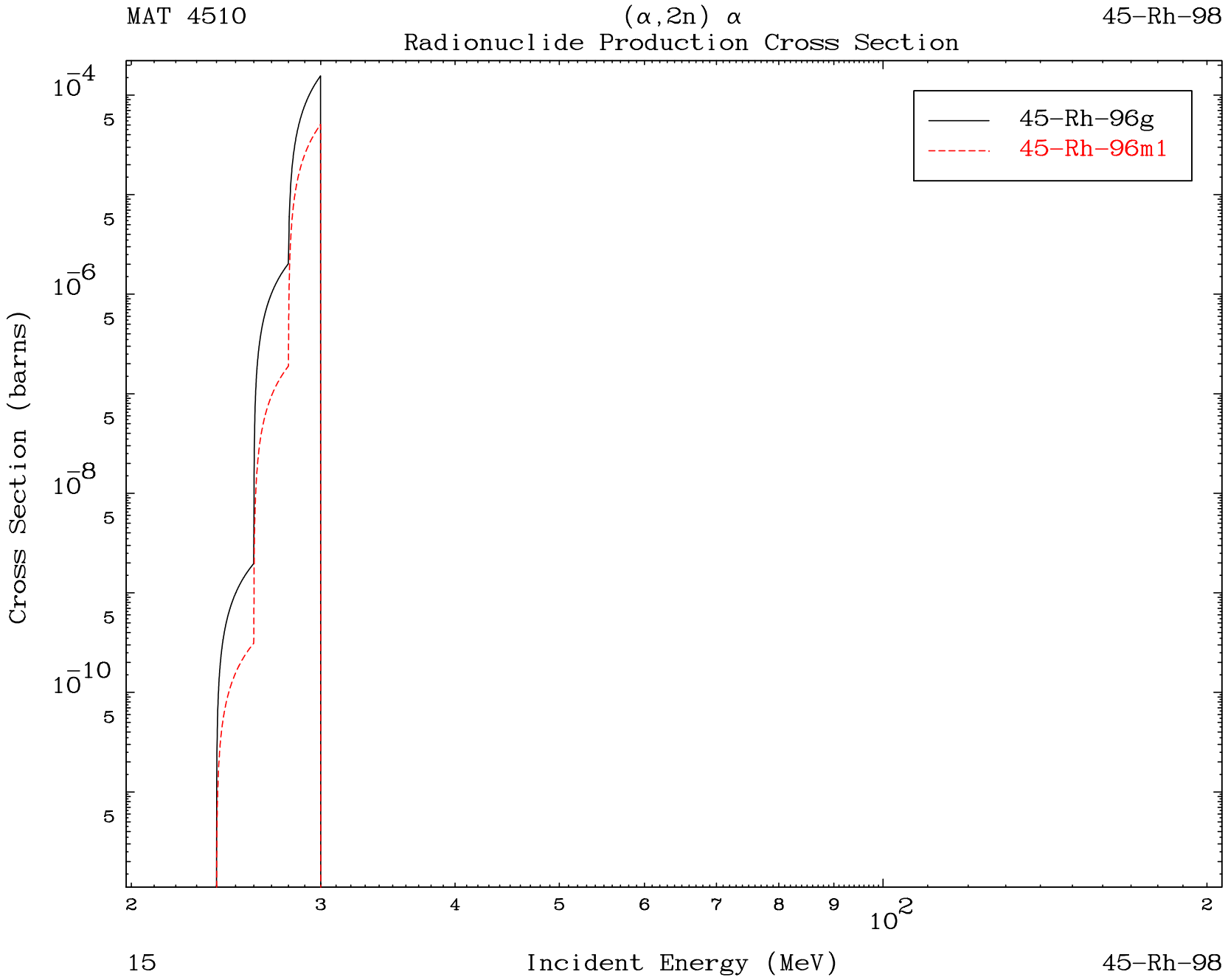

MAT 4510
(α,α) Levels
45-Rh-98
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
45-Rh-98

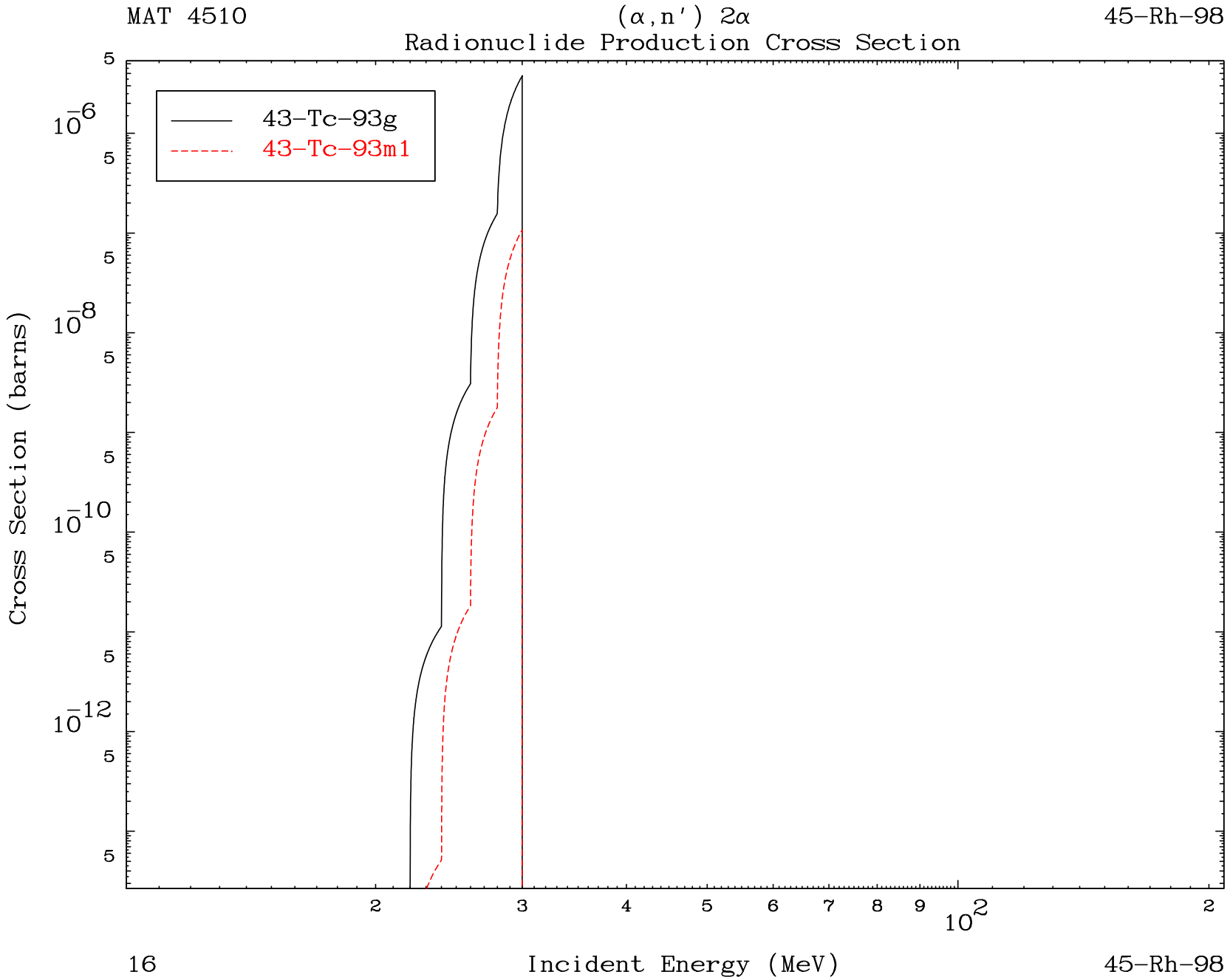

MAT 4510
α Inelastic
45-Rh-98
Radionuclide Production Cross Section
47-Ag-101g
47-Ag-101m2
Cross Section (barns)
Incident Energy (MeV)
11
45-Rh-98

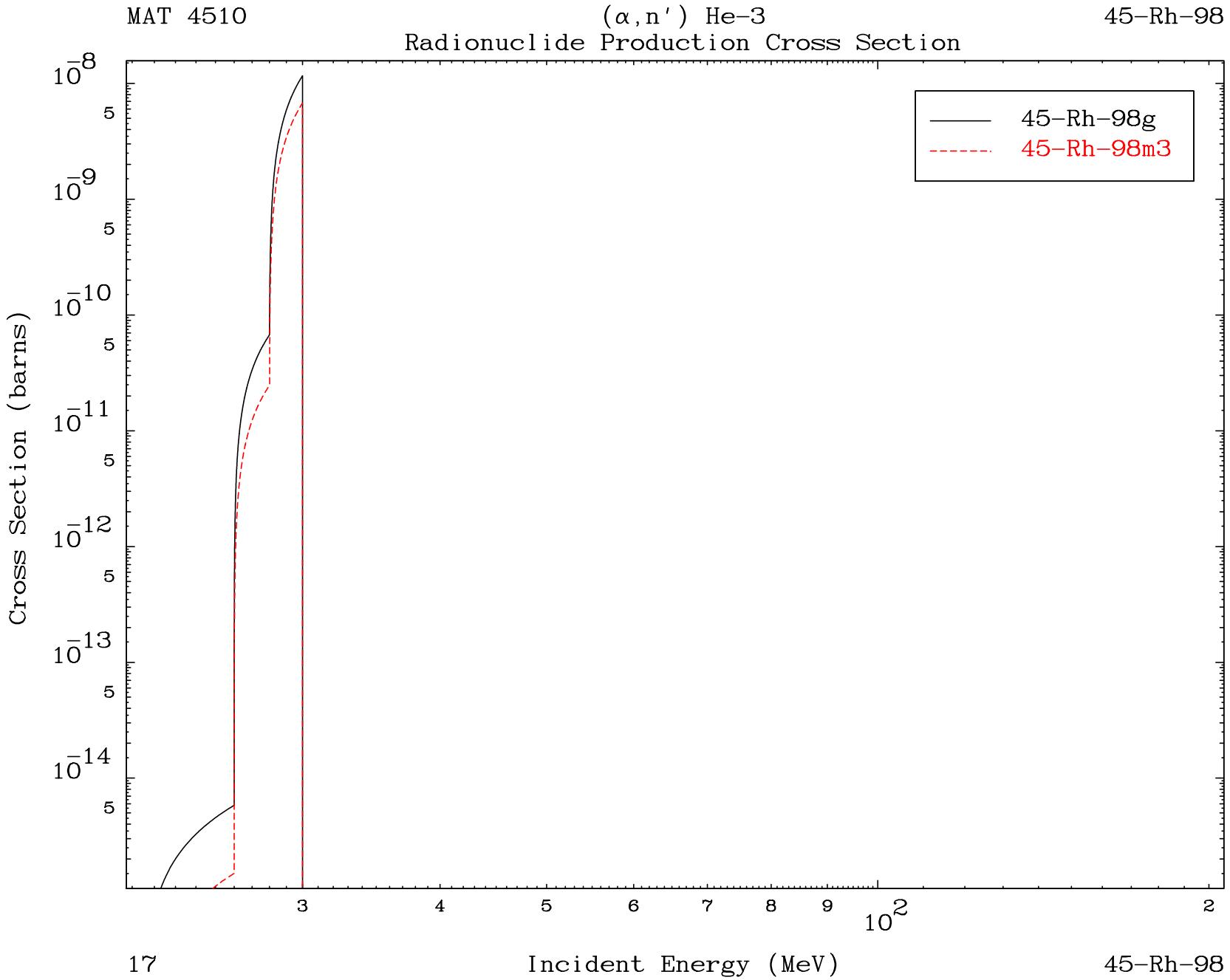

MAT 4510
(α,2n)
45-Rh-98
Radionuclide Production Cross Section
47-Ag-100g
47-Ag-100m1
Cross Section (barns)
10-1
10-2
2
3
4
5
6
7
8
9
10+2
Incident Energy (MeV)
12
45-Rh-98

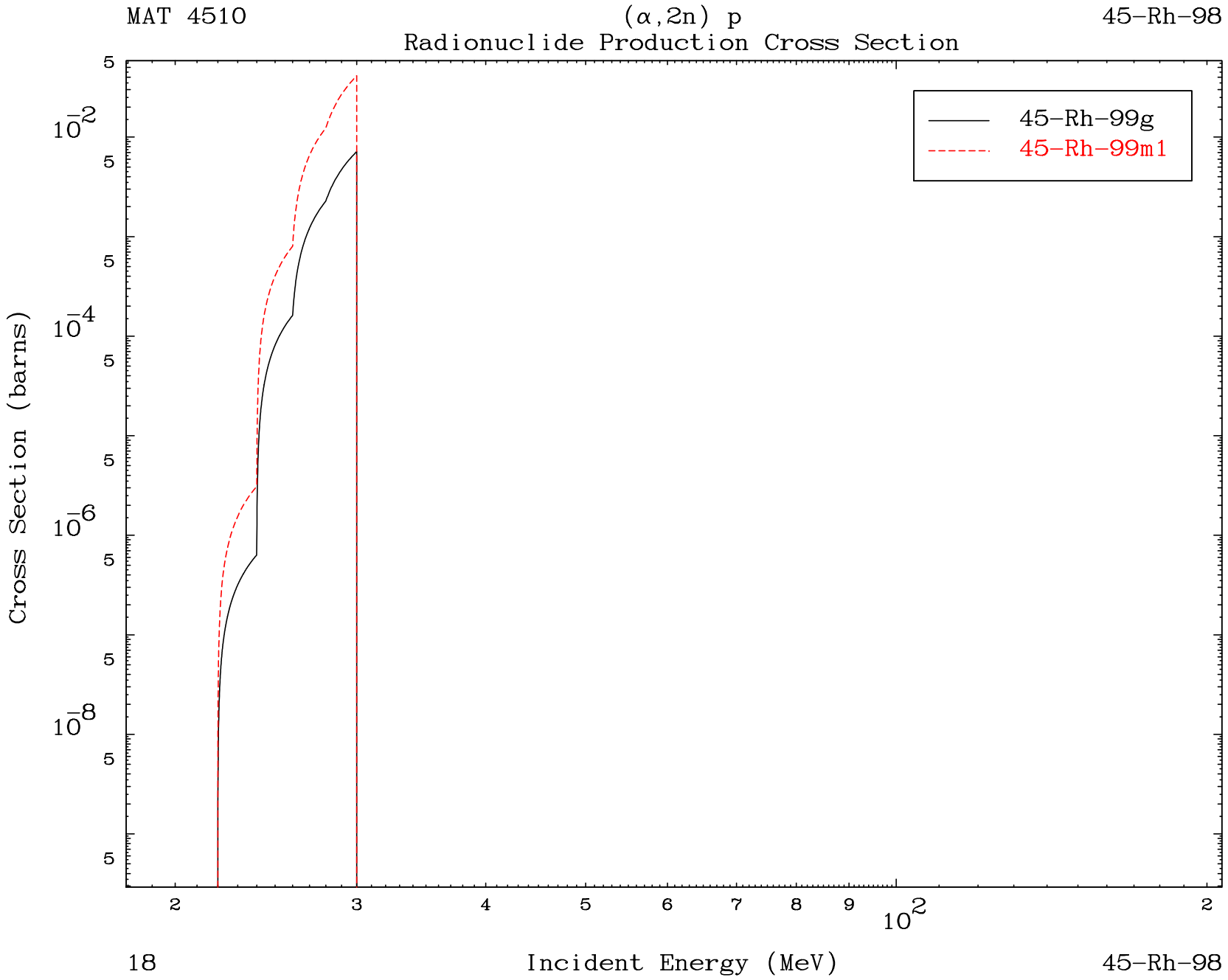

MAT 4510
(α,3n)
45-Rh-98
Radionuclide Production Cross Section
47-Ag-99g
Cross Section (barns)
10^-4
10^-5
10^-6
8
6
4
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
45-Rh-98

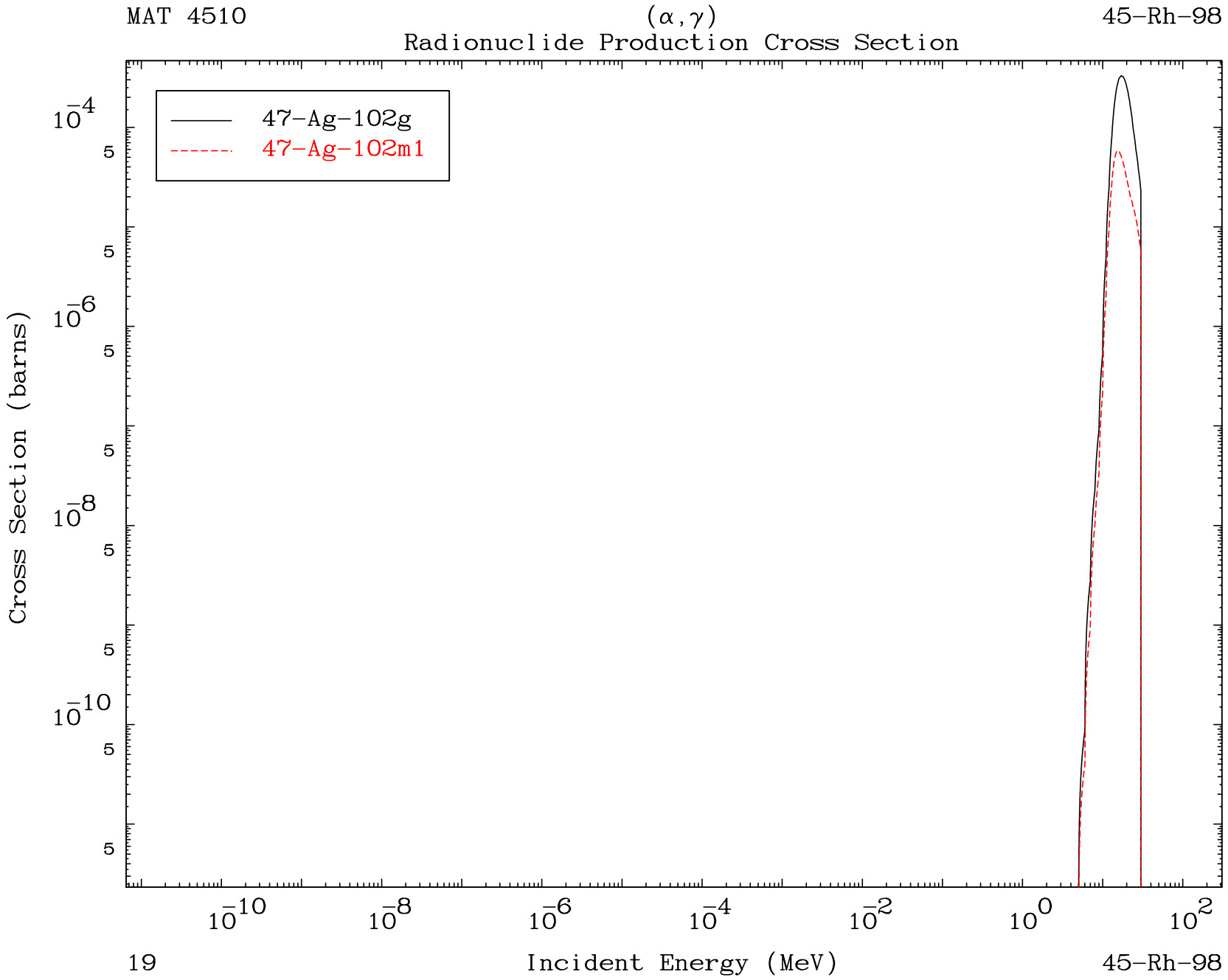

MAT 4510
(α,n') α
45-Rh-98
Radionuclide Production Cross Section
45-Rh-97g
45-Rh-97m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
9
10 1
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
45-Rh-98

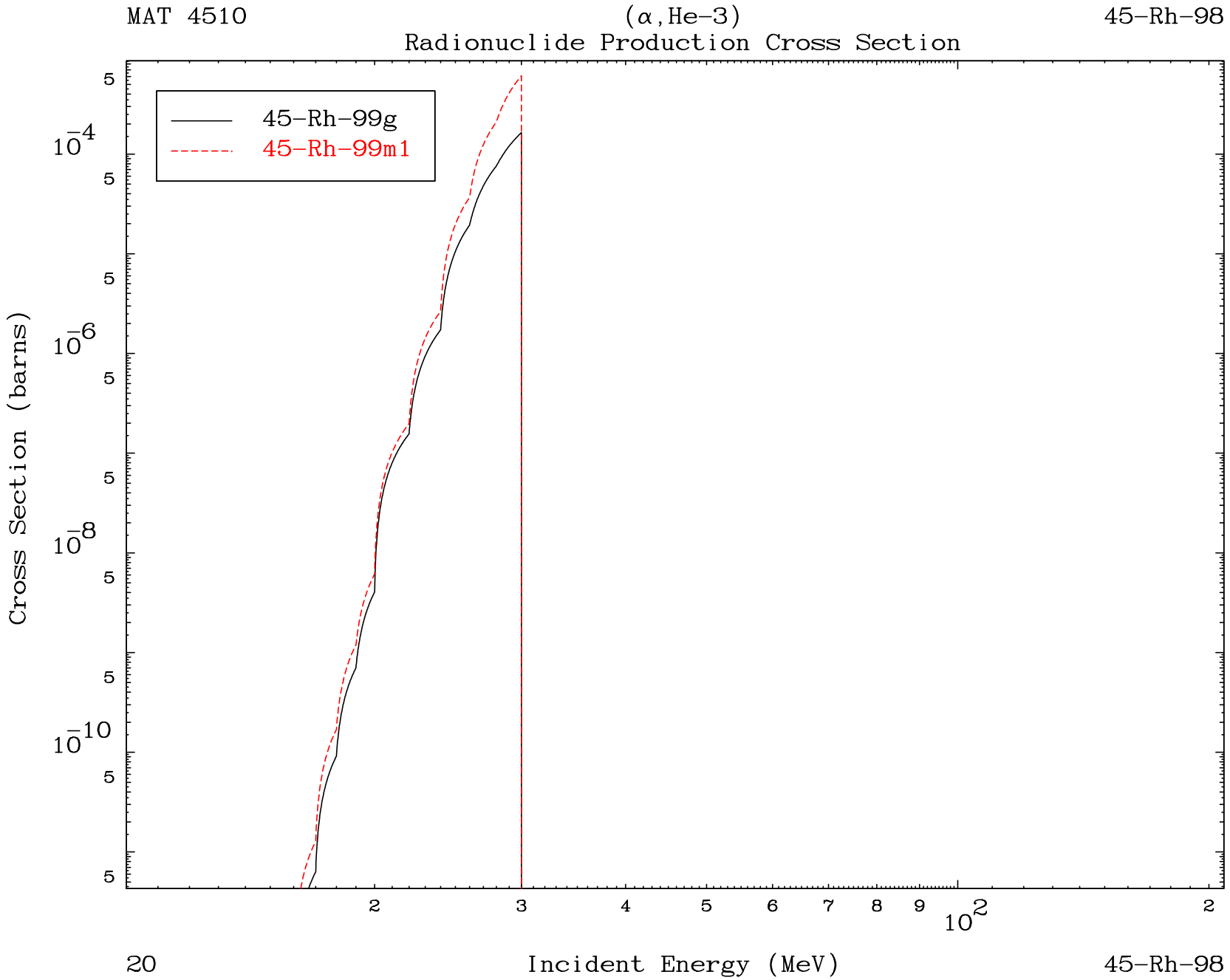

MAT 4510
(α,2n) α
45-Rh-98
Radionuclide Production Cross Section
45-Rh-96g
45-Rh-96m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
15
45-Rh-98

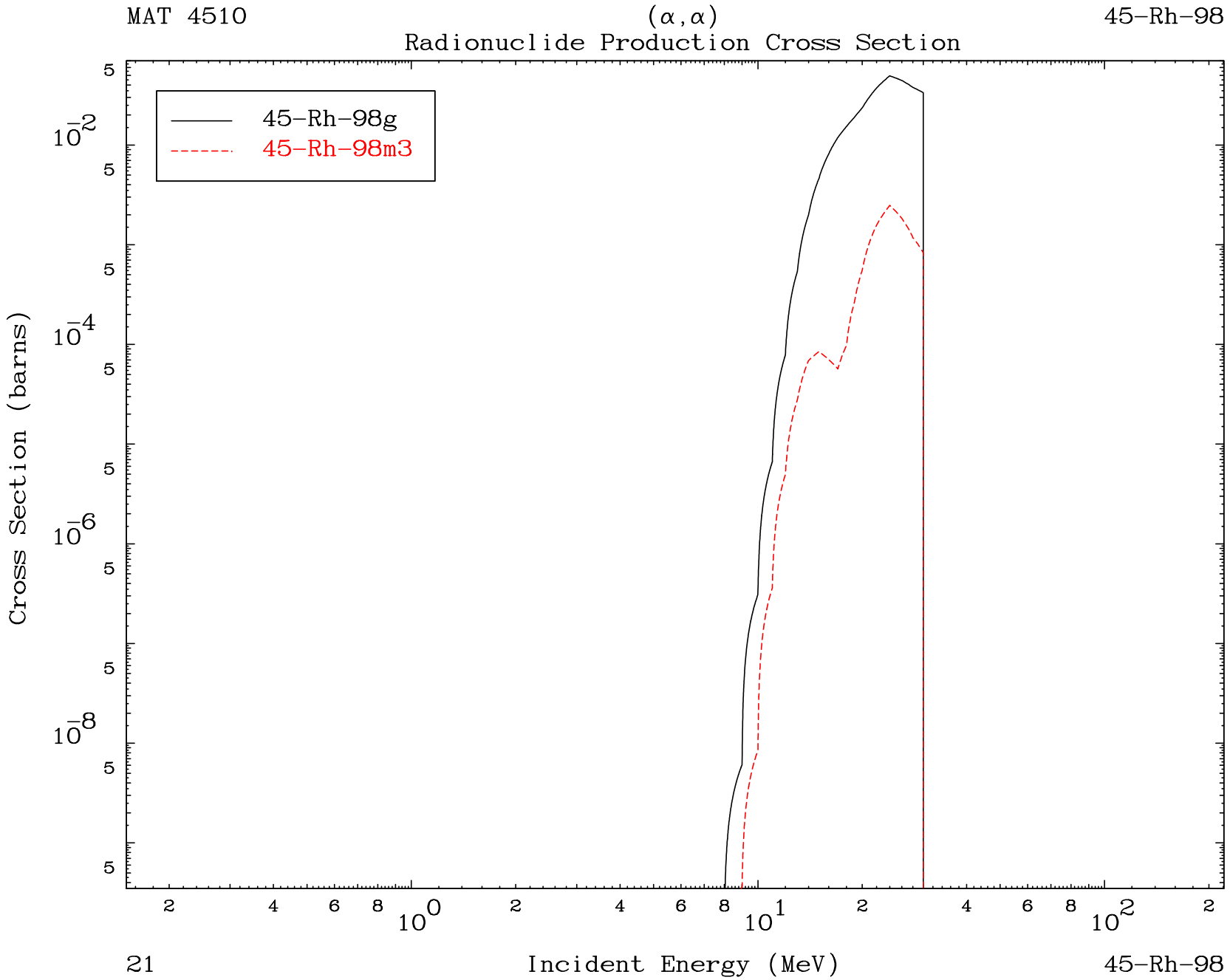

MAT 4510
(α,n') 2α
45-Rh-98
Radionuclide Production Cross Section
43-Tc-93g
43-Tc-93m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
45-Rh-98

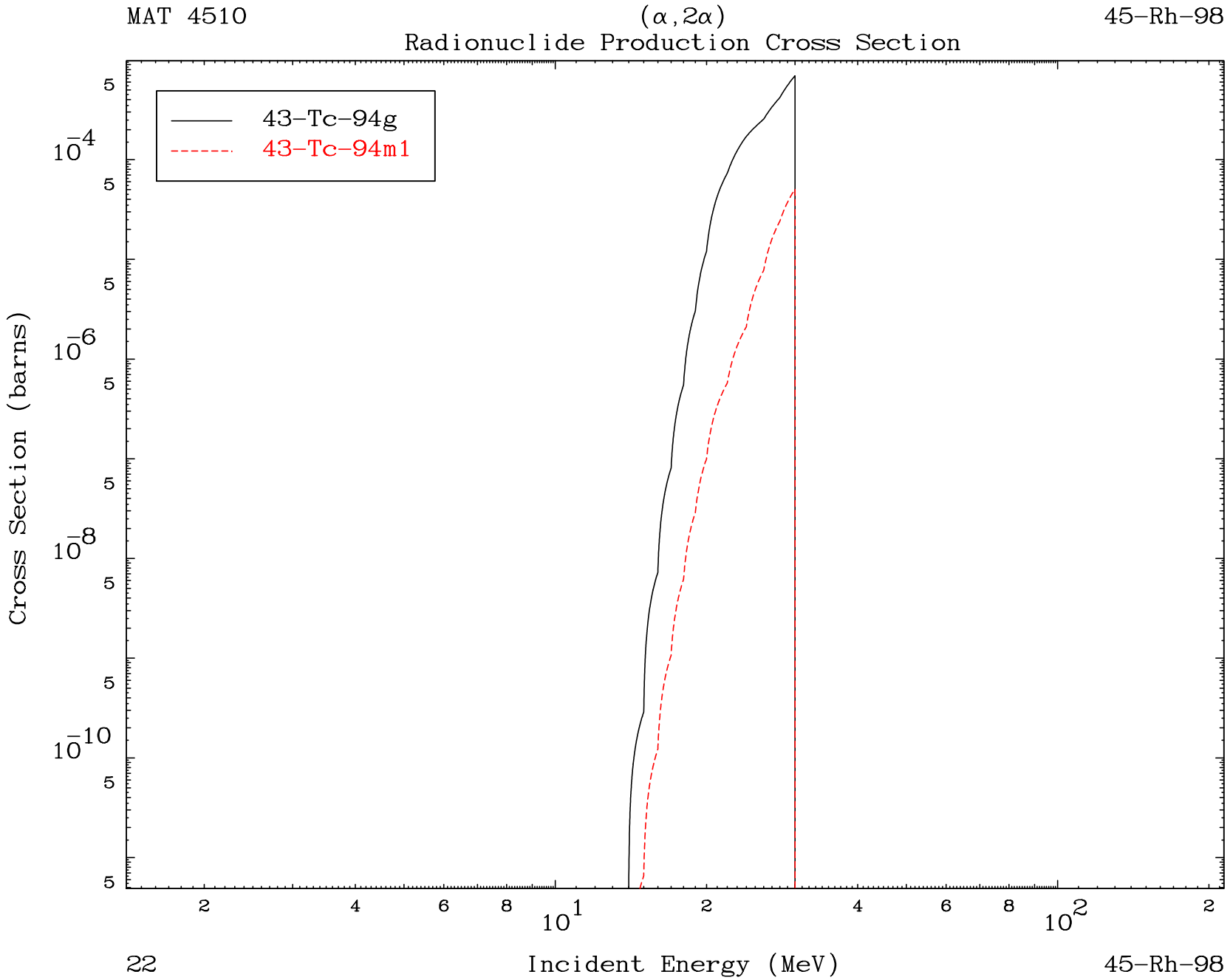

MAT 4510
(α,n') He-3
45-Rh-98
Radionuclide Production Cross Section
45-Rh-98g
45-Rh-98m3
Cross Section (barns)
10-8
10-9
10-10
10-11
10-12
10-13
10-14
5
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
45-Rh-98

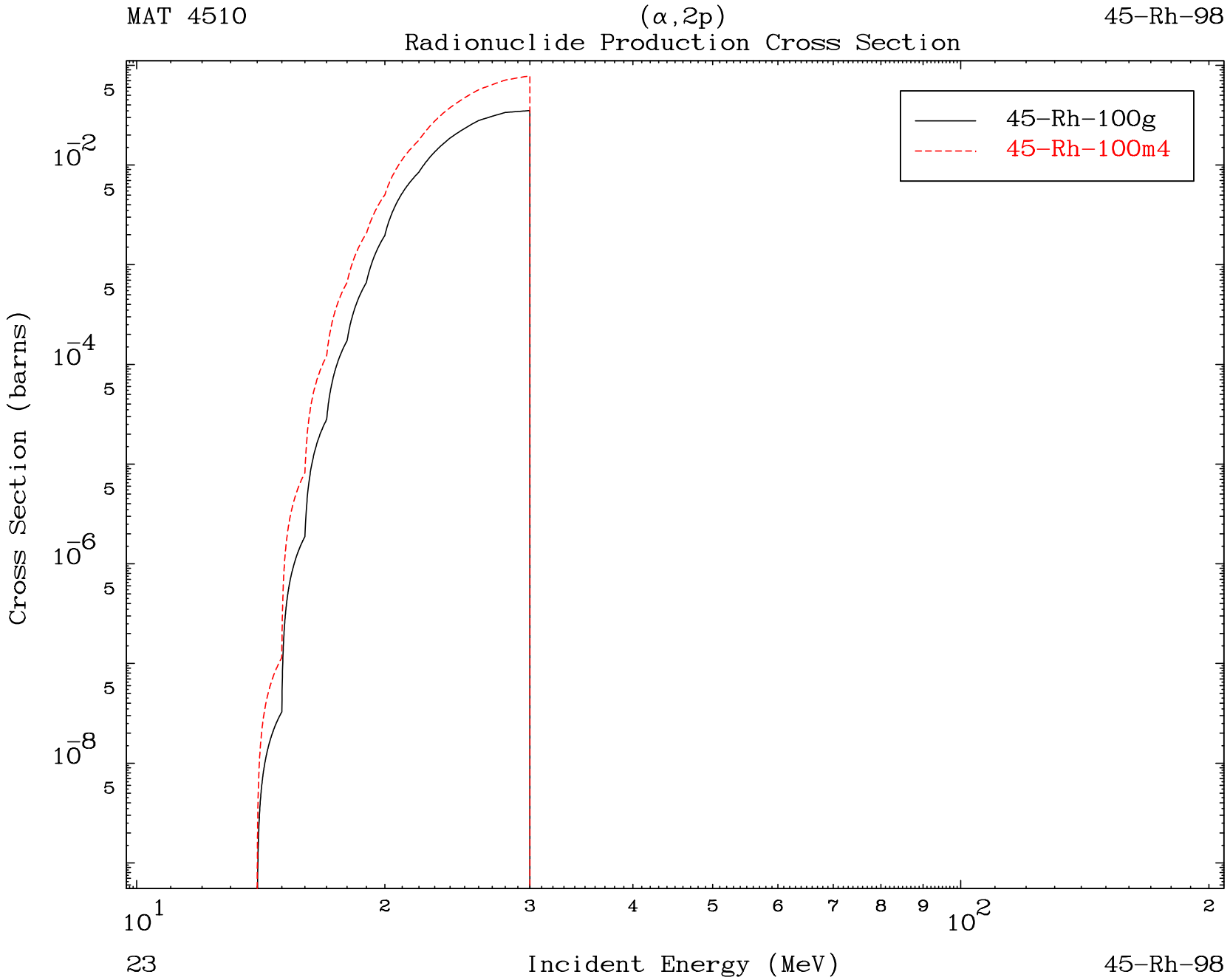

MAT 4510
(α,2n) p
45-Rh-98
Radionuclide Production Cross Section
45-Rh-99g
45-Rh-99m1
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
18
45-Rh-98

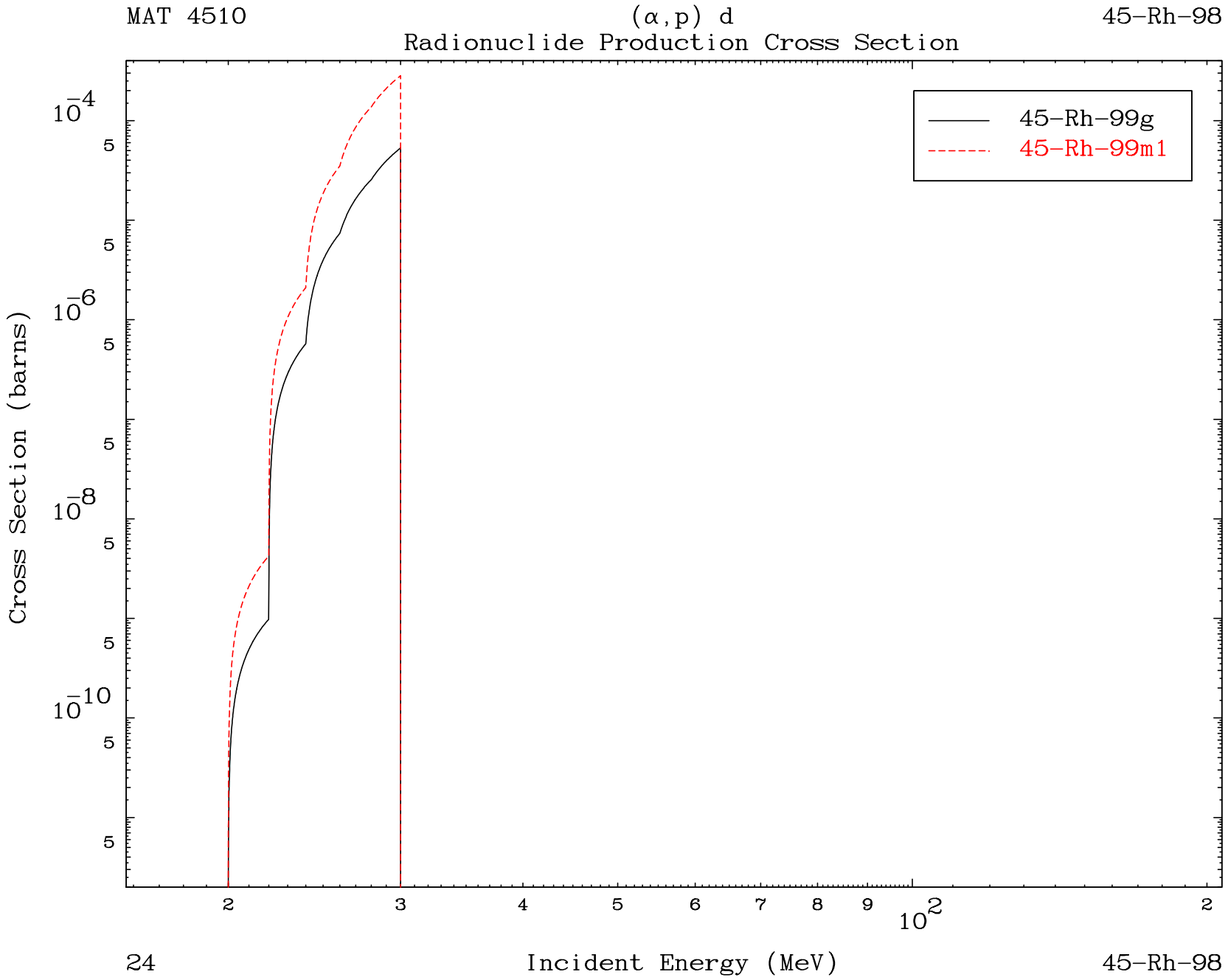

MAT 4510
(α,γ)
45-Rh-98
Radionuclide Production Cross Section
47-Ag-102g
47-Ag-102m1
Cross Section (barns)
Incident Energy (MeV)
19
45-Rh-98

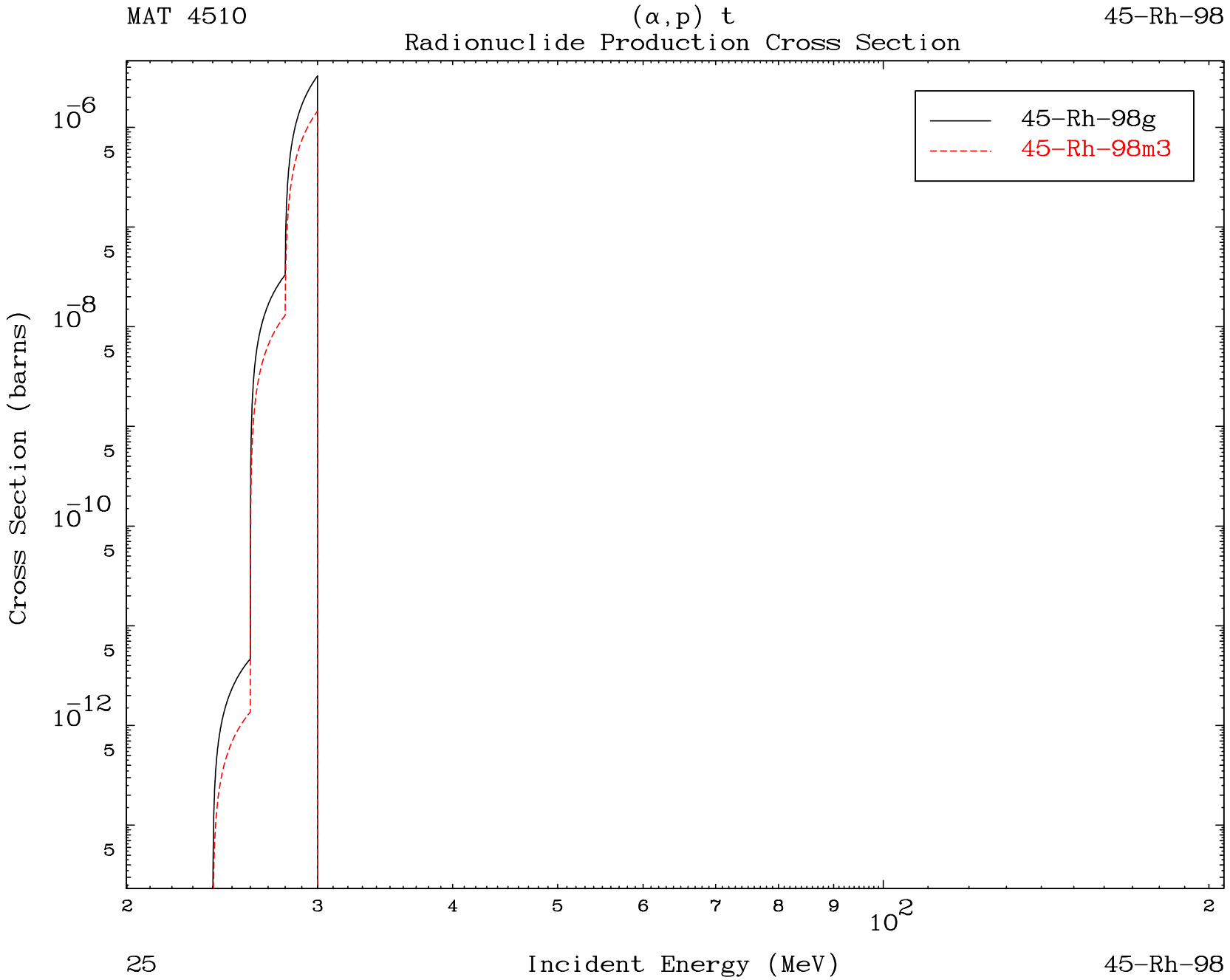

MAT 4510
(α,He-3)
45-Rh-98
Radionuclide Production Cross Section
45-Rh-99g
45-Rh-99m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
45-Rh-98


MAT 4510
(α,α)
45-Rh-98
Radionuclide Production Cross Section
45-Rh-98g
45-Rh-98m3
Cross Section (barns)
Incident Energy (MeV)
21
45-Rh-98


MAT 4510
(α,2α)
45-Rh-98
Radionuclide Production Cross Section
43-Tc-94g
43-Tc-94m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
22
45-Rh-98


MAT 4510
(α,2p)
45-Rh-98
Radionuclide Production Cross Section
45-Rh-100g
45-Rh-100m4
Cross Section (barns)
10-2
10-4
10-6
10-8
10 1
10 2
Incident Energy (MeV)
23
45-Rh-98


MAT 4510
(α,p) d
45-Rh-98
Radionuclide Production Cross Section
45-Rh-99g
45-Rh-99m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
24
Incident Energy (MeV)
45-Rh-98


MAT 4510
(α,p) t
45-Rh-98
Radionuclide Production Cross Section
45-Rh-98g
45-Rh-98m3
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
25
Incident Energy (MeV)
45-Rh-98