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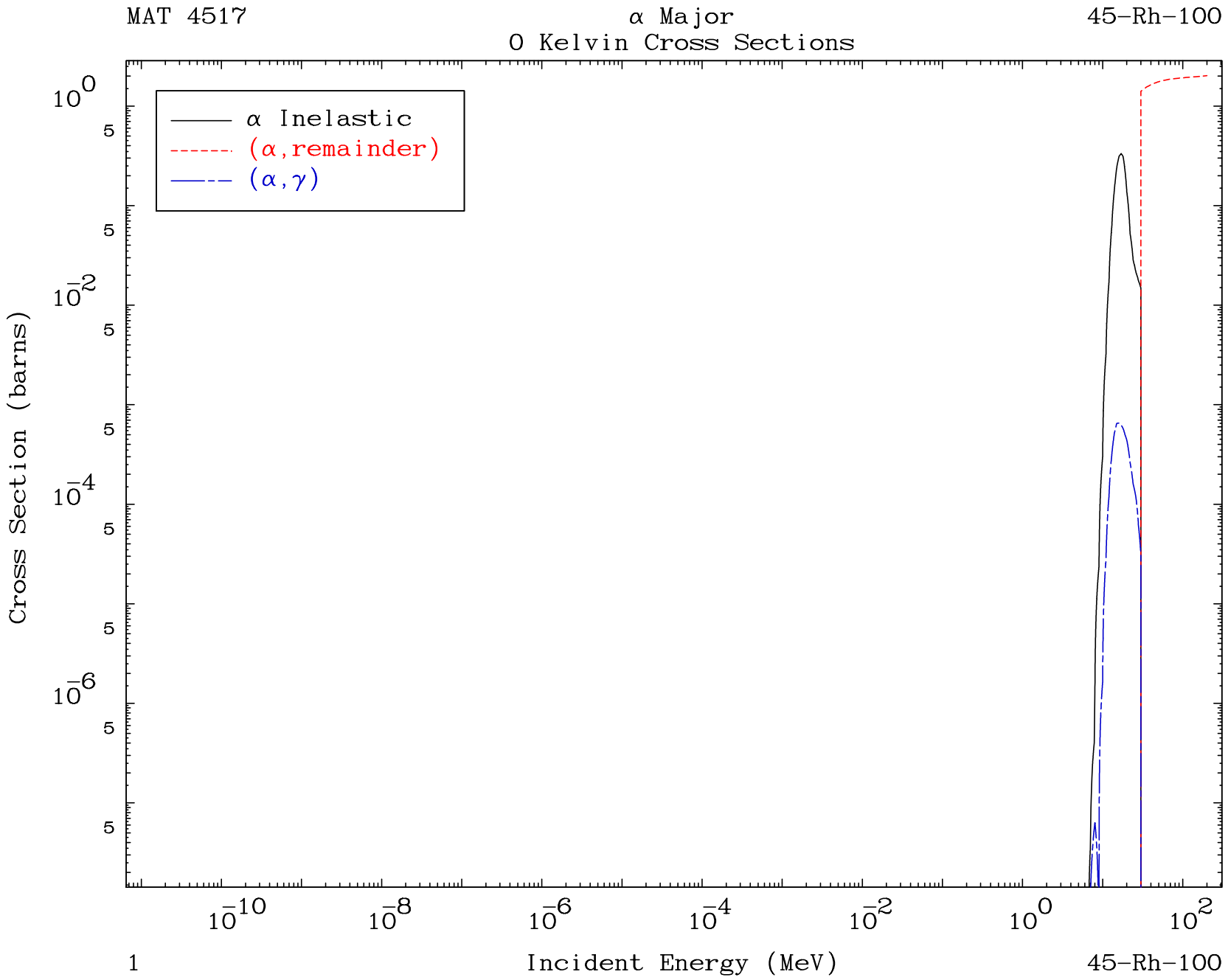
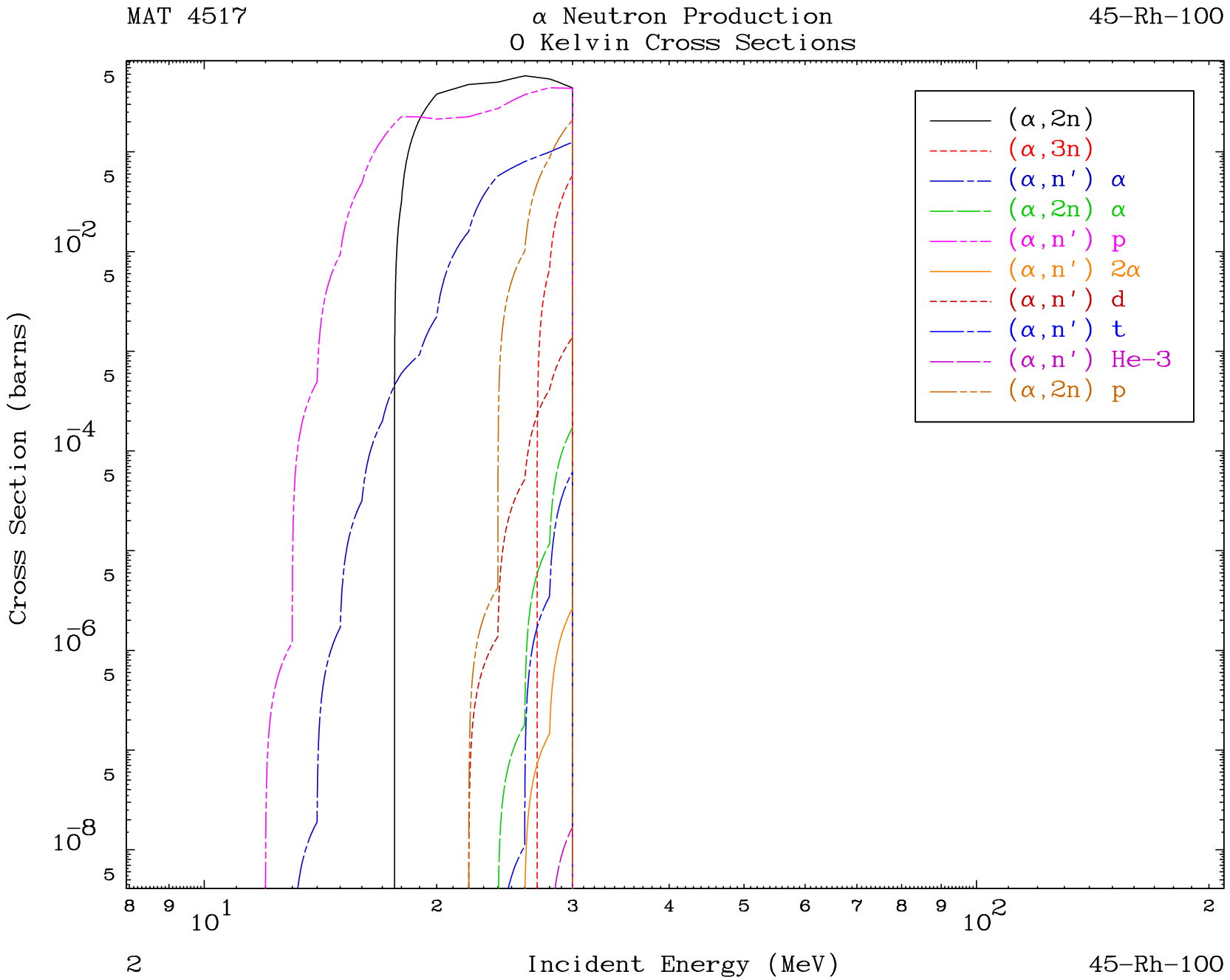
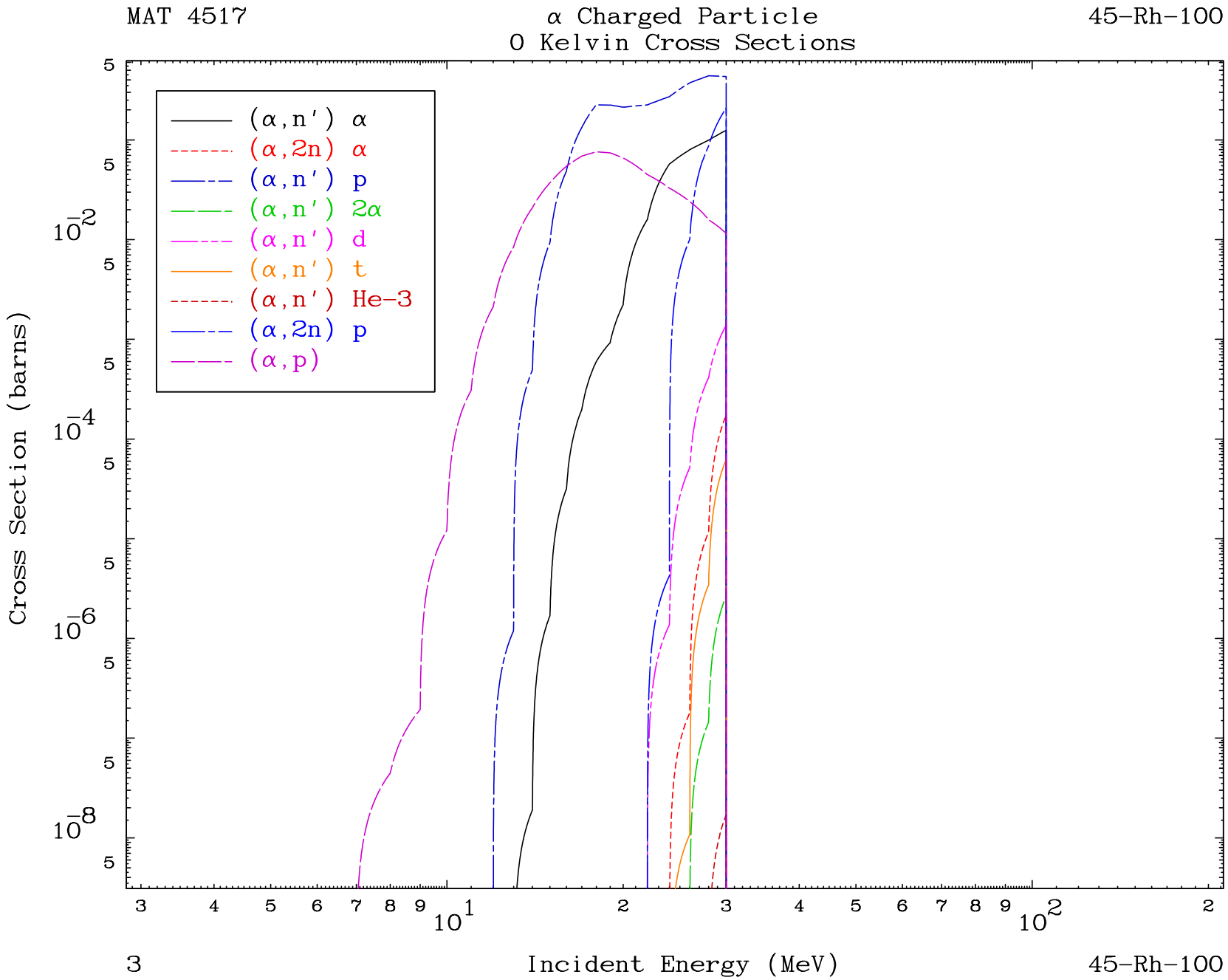
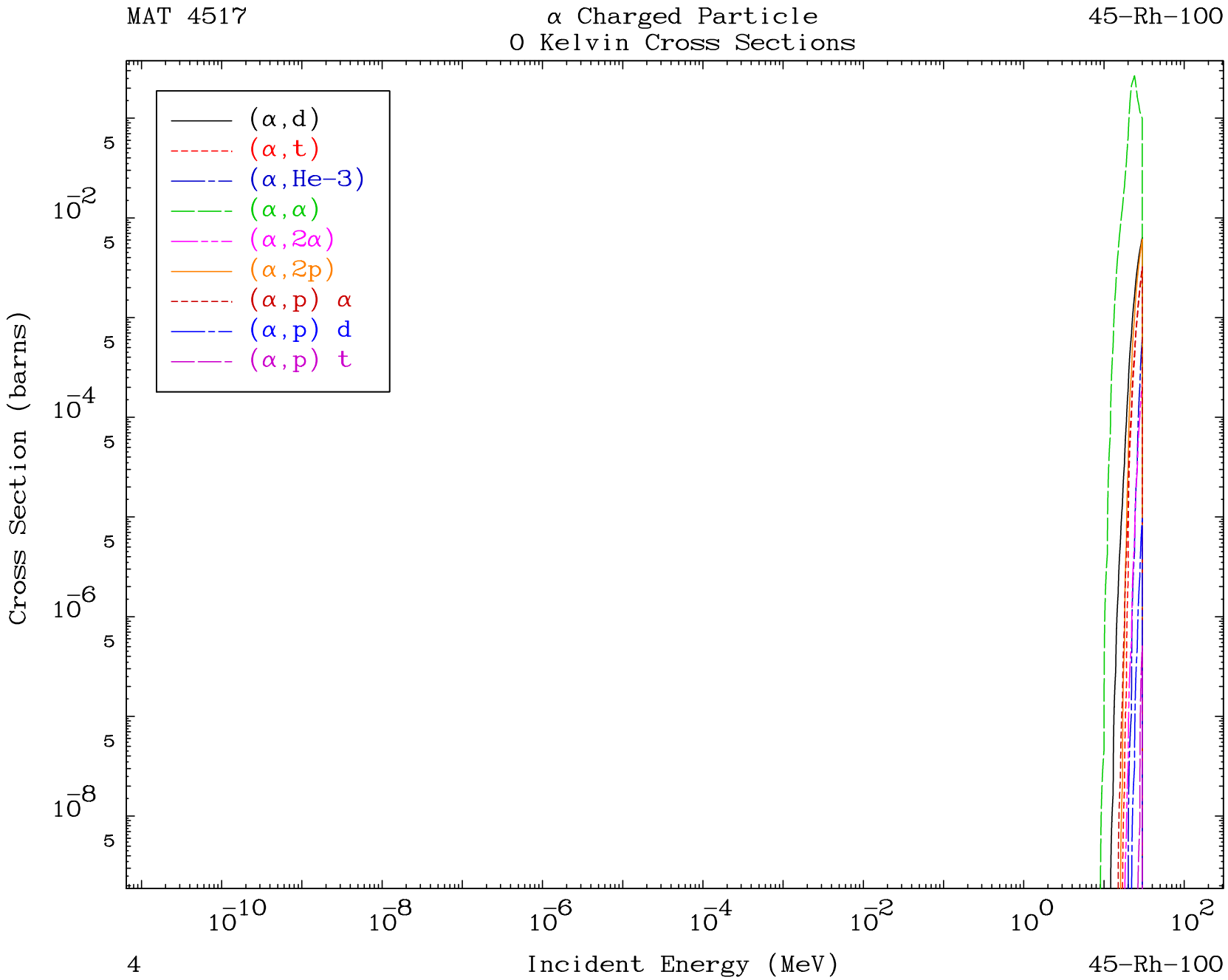
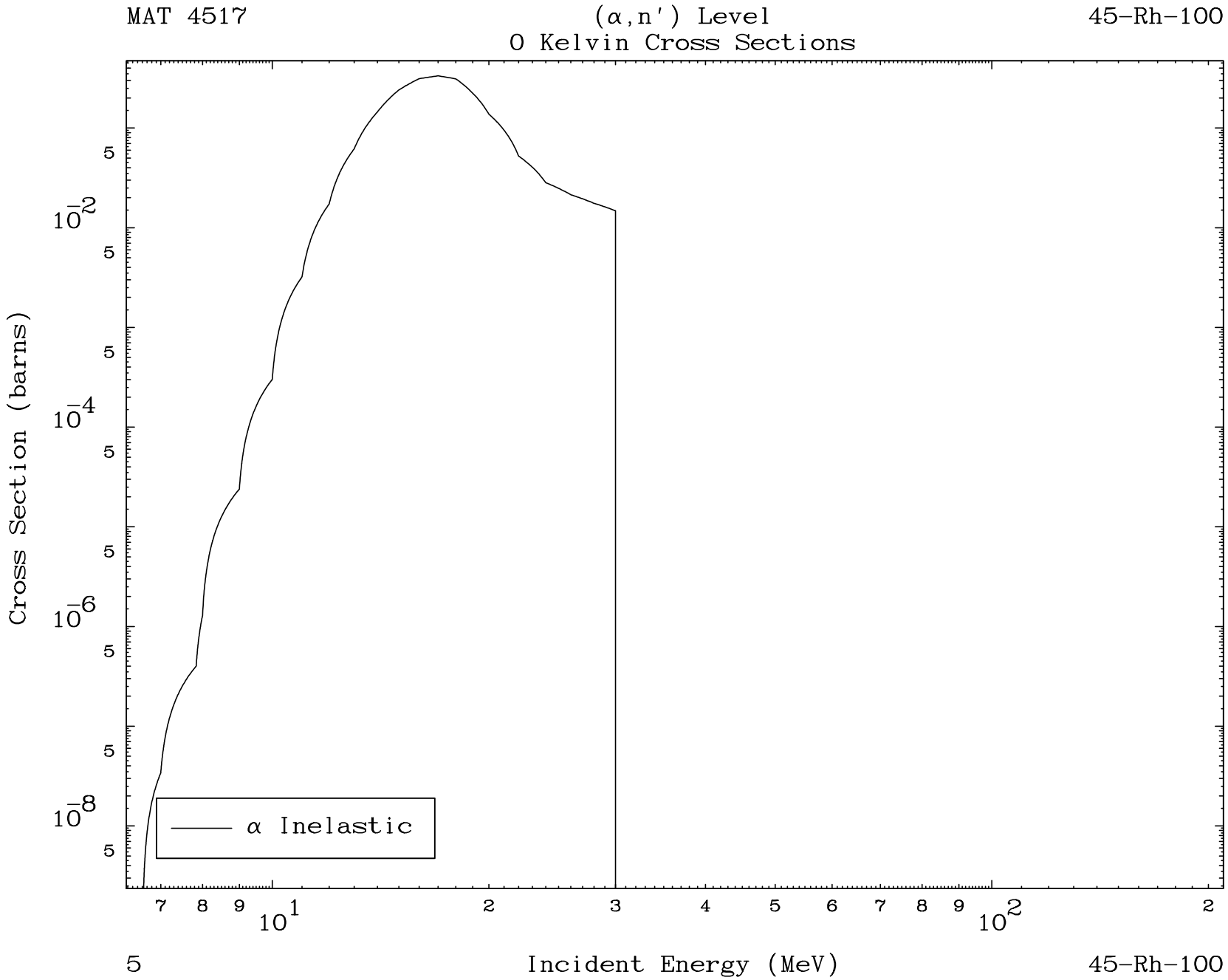
Press Mouse Button to Start

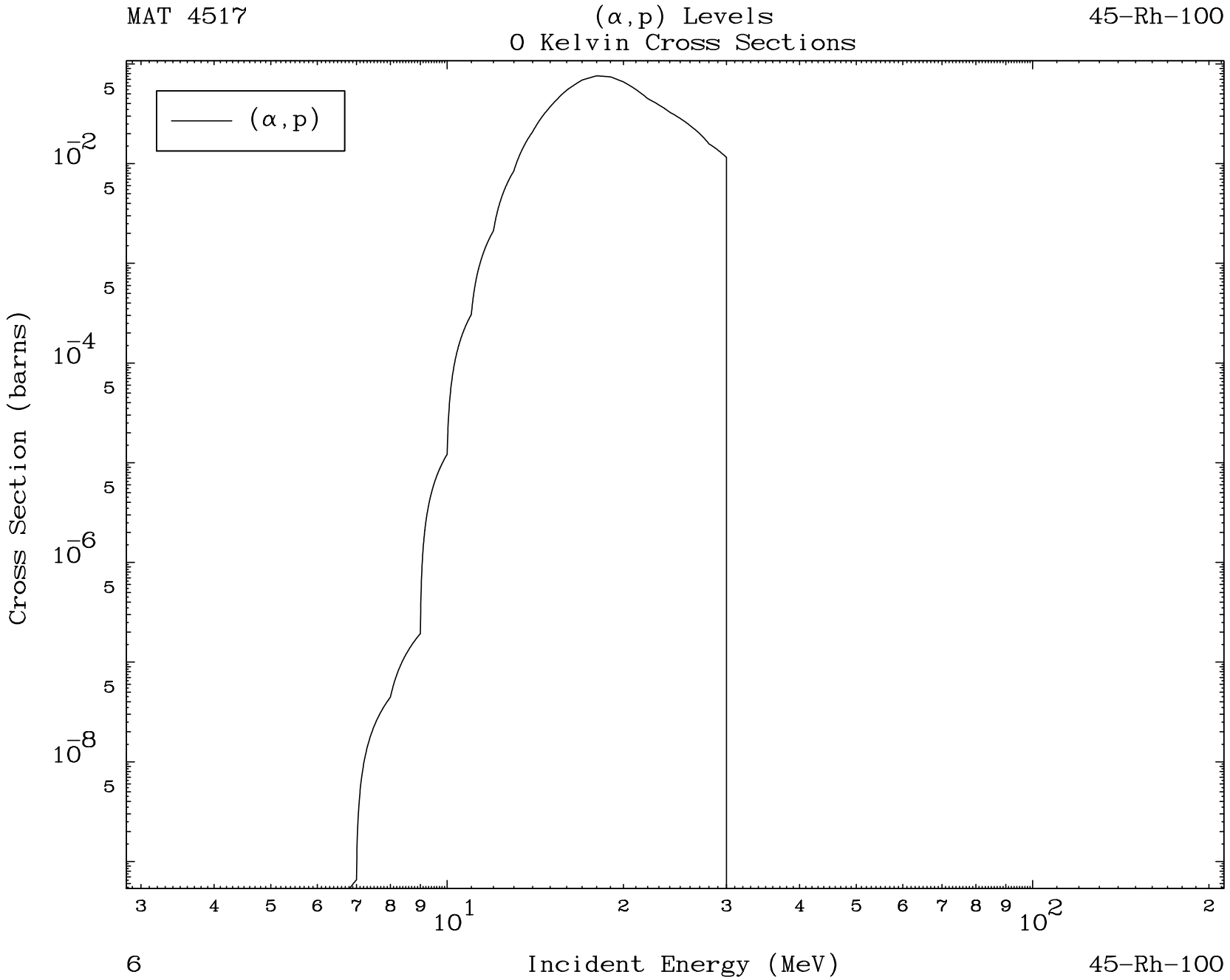

MAT 4517
α Major
45-Rh-100
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
45-Rh-100

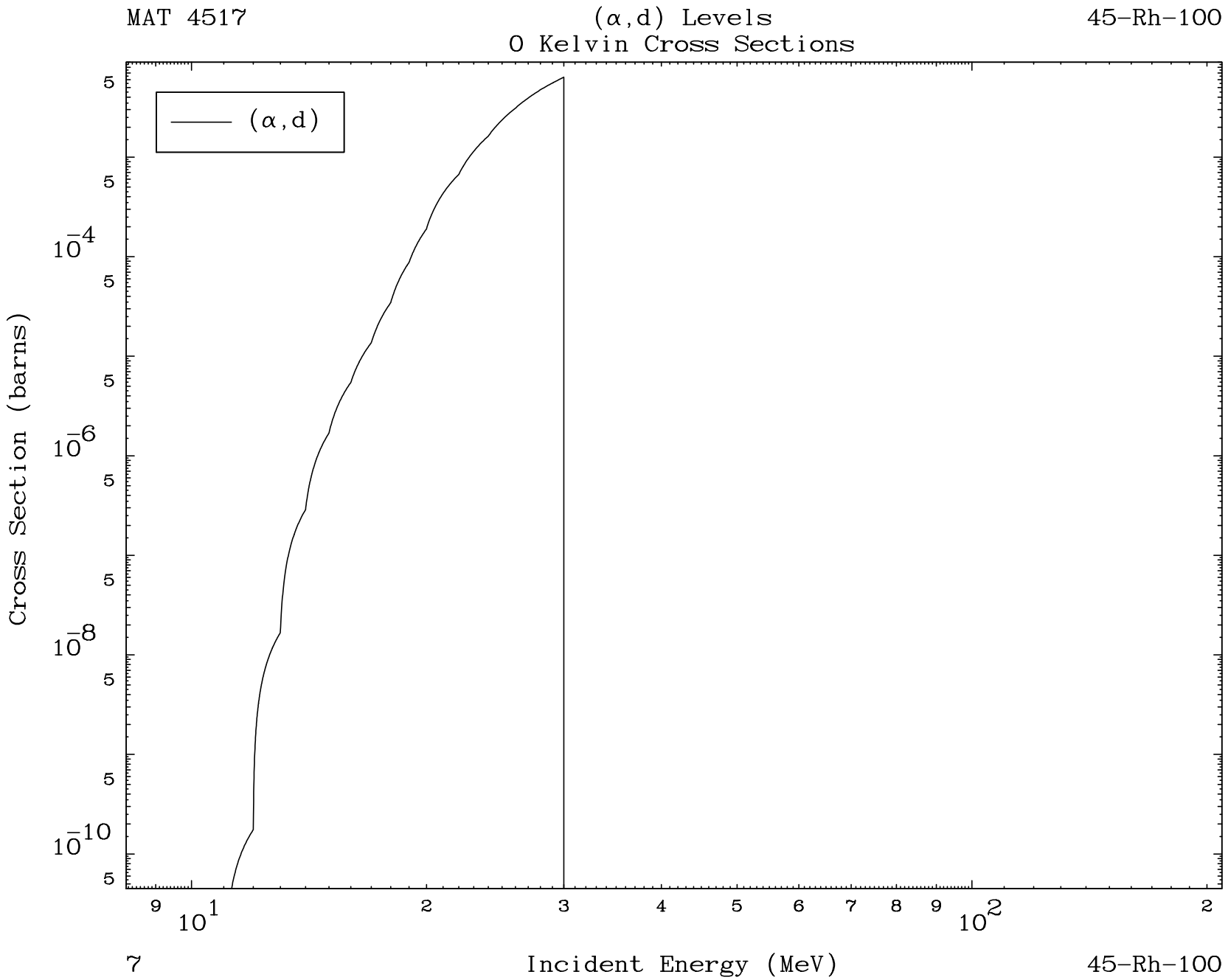

MAT 4517
α Neutron Production
0 Kelvin Cross Sections
45-Rh-100
Cross Section (barns)
Incident Energy (MeV)
45-Rh-100
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p

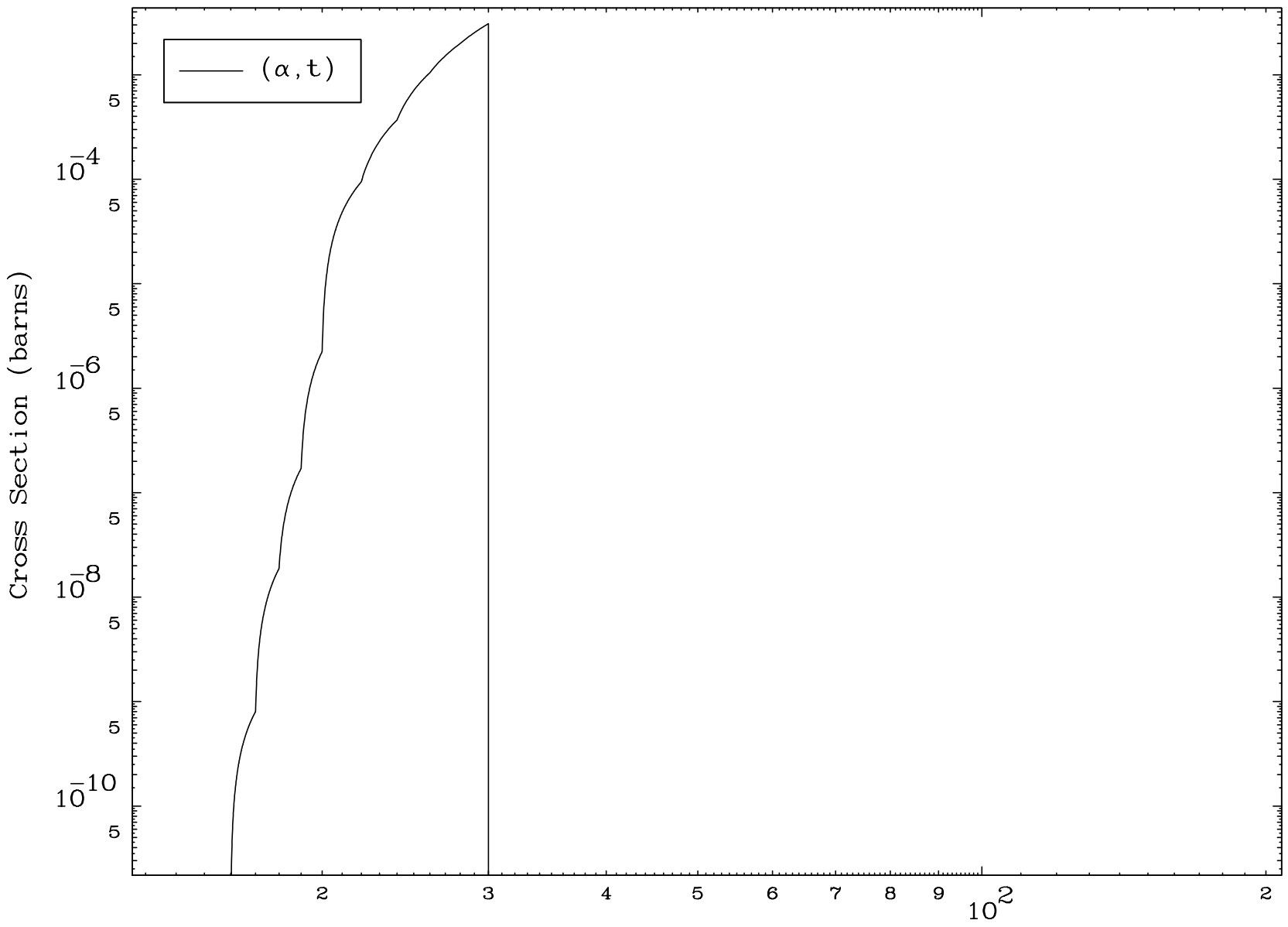

MAT 4517
α Charged Particle
0 Kelvin Cross Sections
45-Rh-100
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,p)
Cross Section (barns)
Incident Energy (MeV)
45-Rh-100

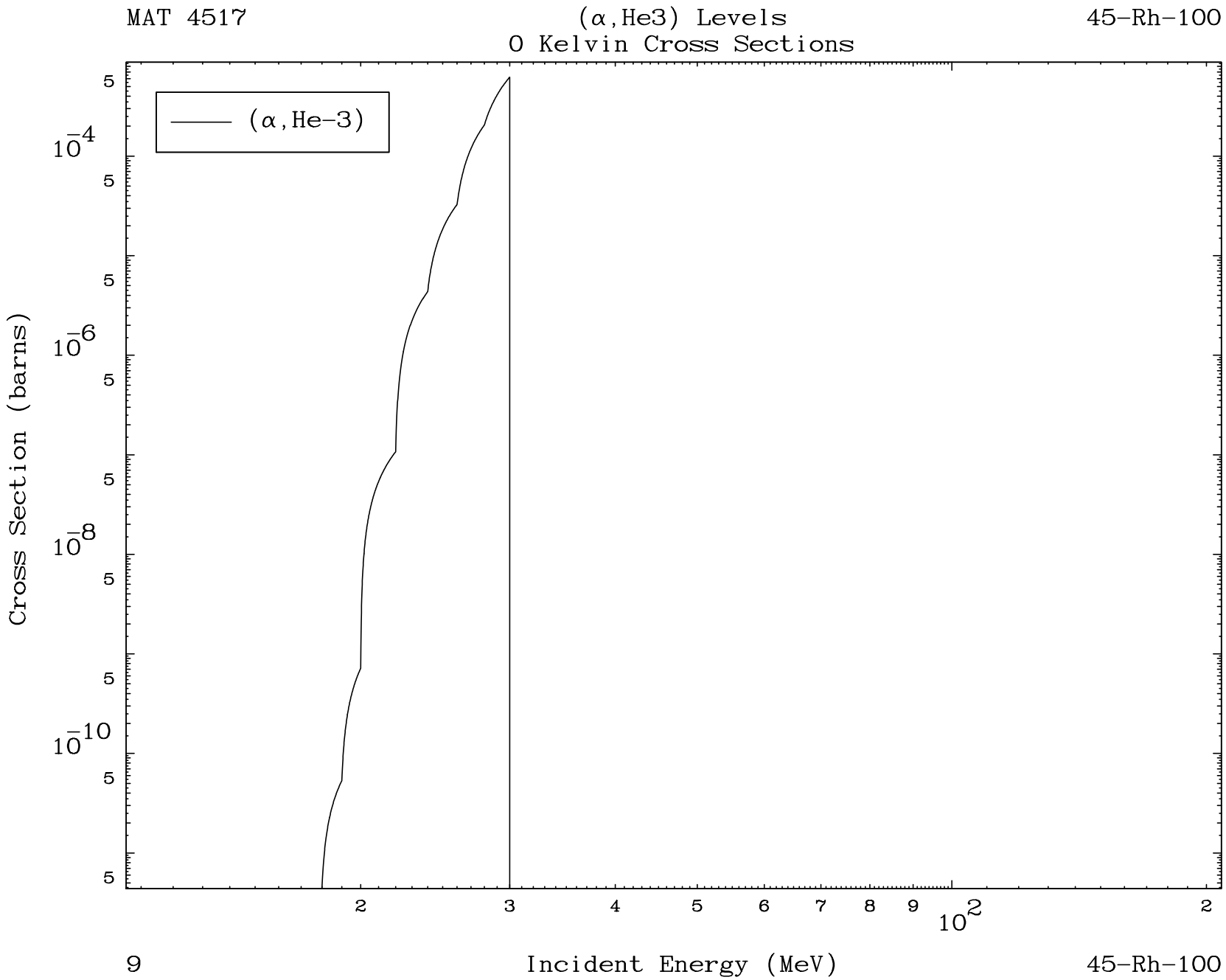

MAT 4517
α Charged Particle
0 Kelvin Cross Sections
45-Rh-100
(α,d)
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
4
45-Rh-100

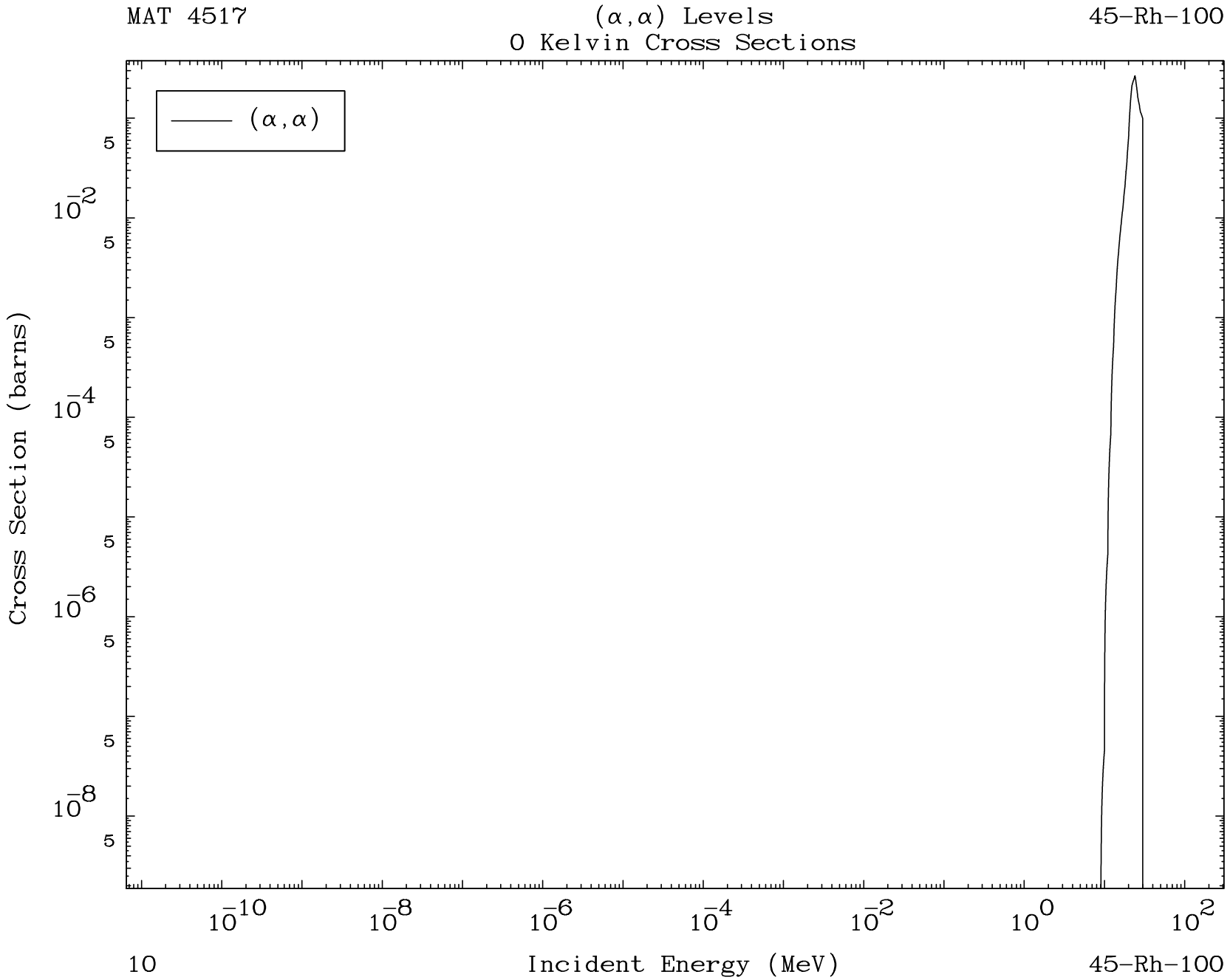

MAT 4517
(α,n') Level
45-Rh-100
0 Kelvin Cross Sections
Cross Section (barns)
10-2
10-4
10-6
10-8
α Inelastic
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
5
Incident Energy (MeV)
45-Rh-100

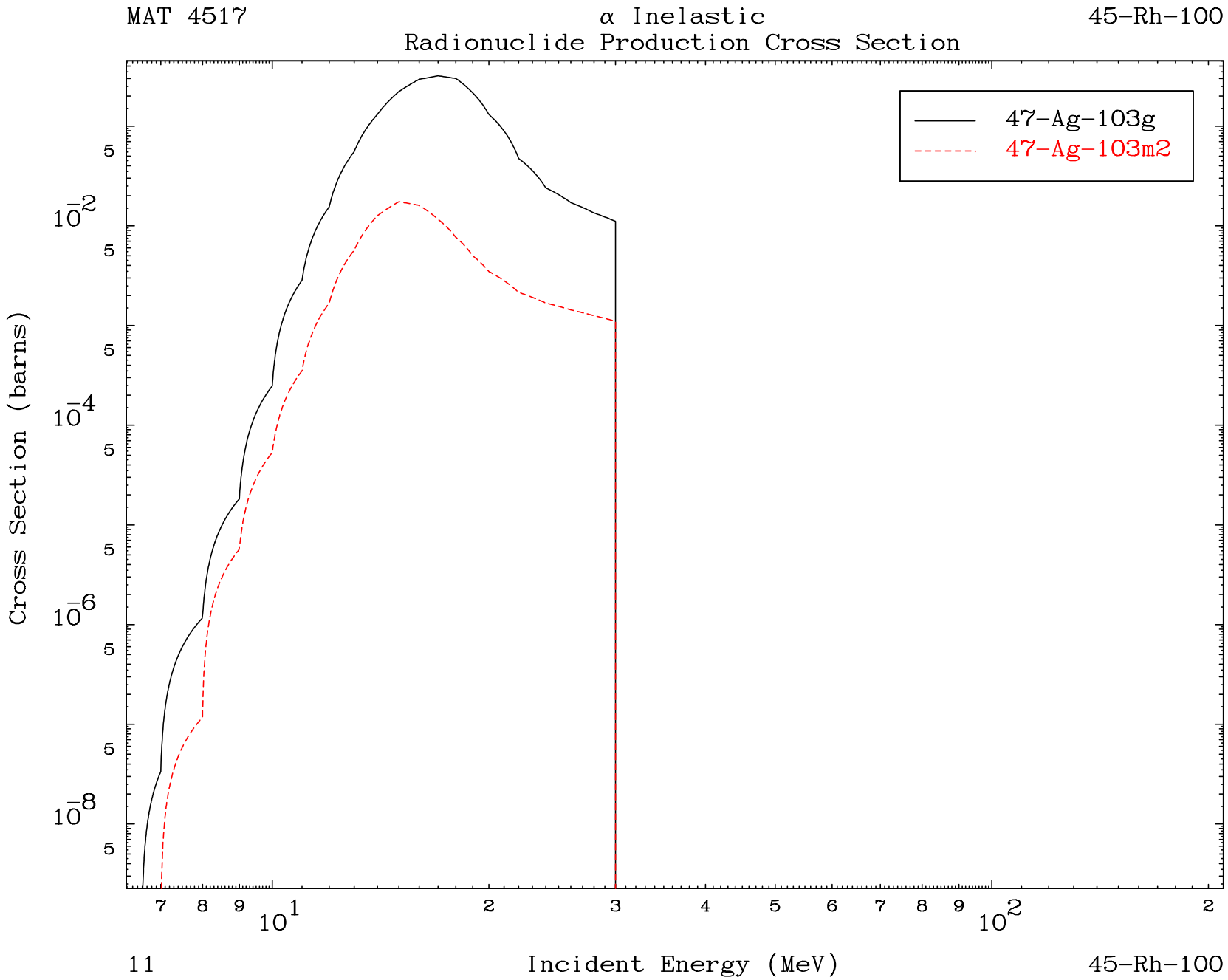

MAT 4517
(α,p) Levels
45-Rh-100
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
6
45-Rh-100

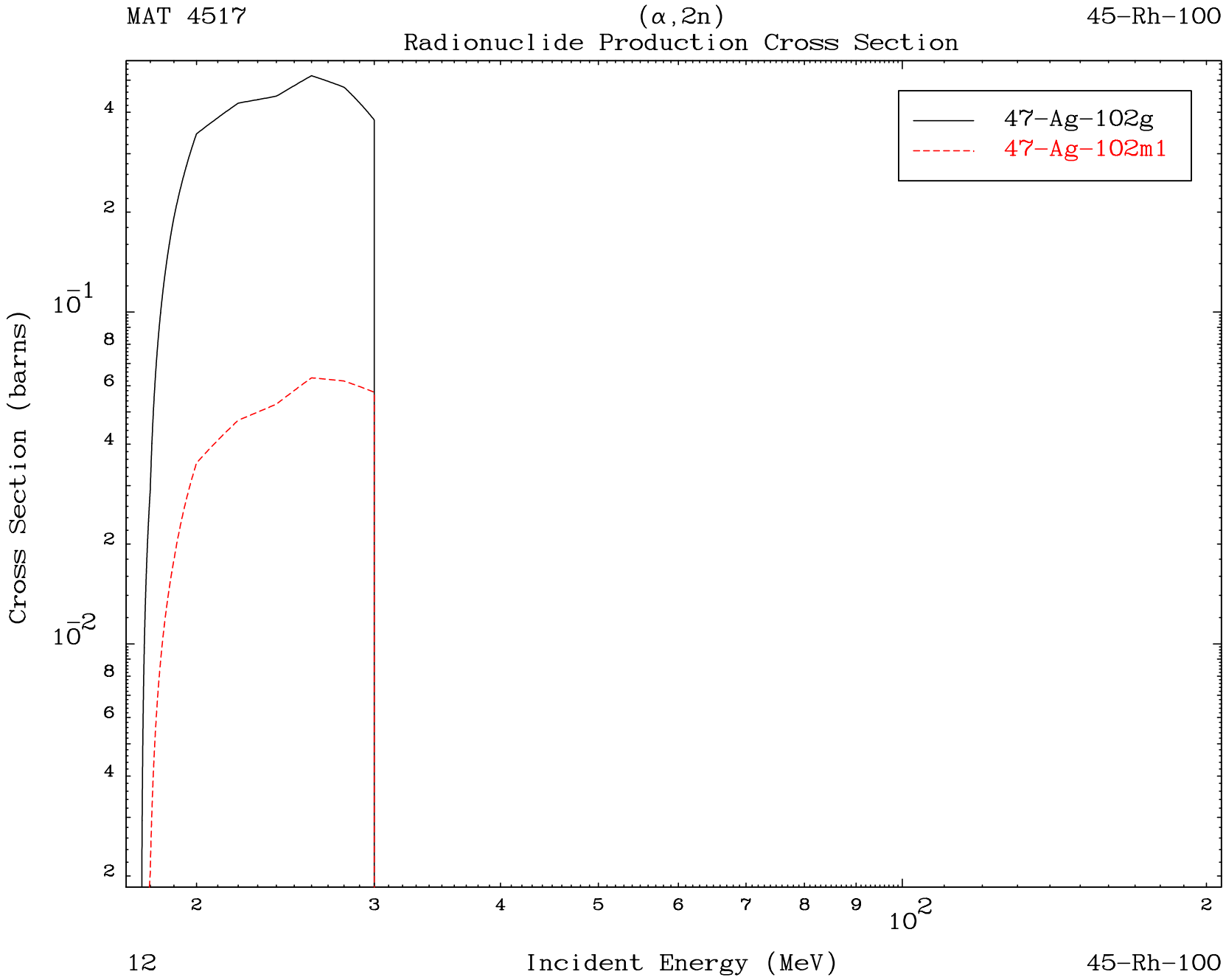

MAT 4517
(α,d) Levels
45-Rh-100
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
45-Rh-100
7

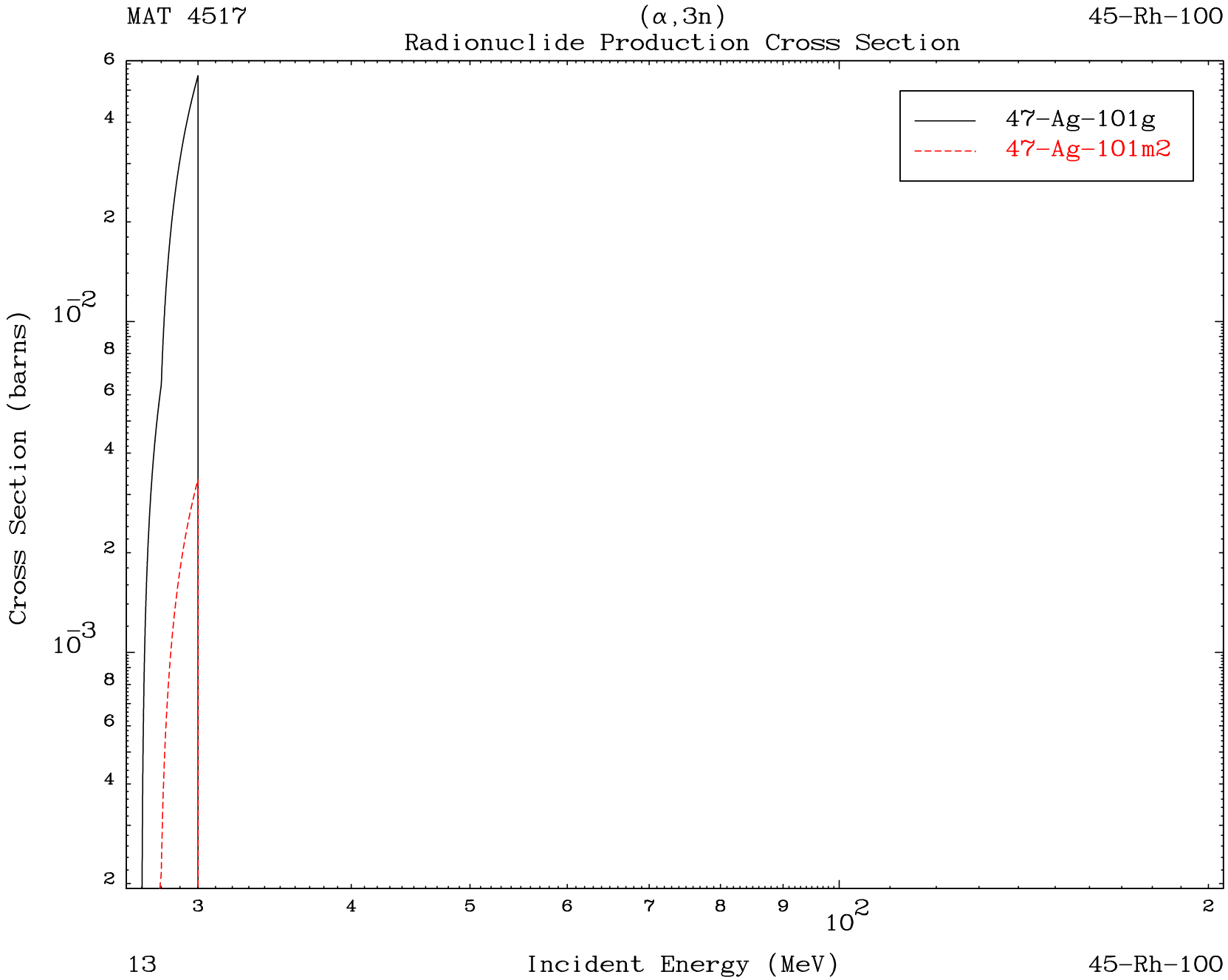

0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

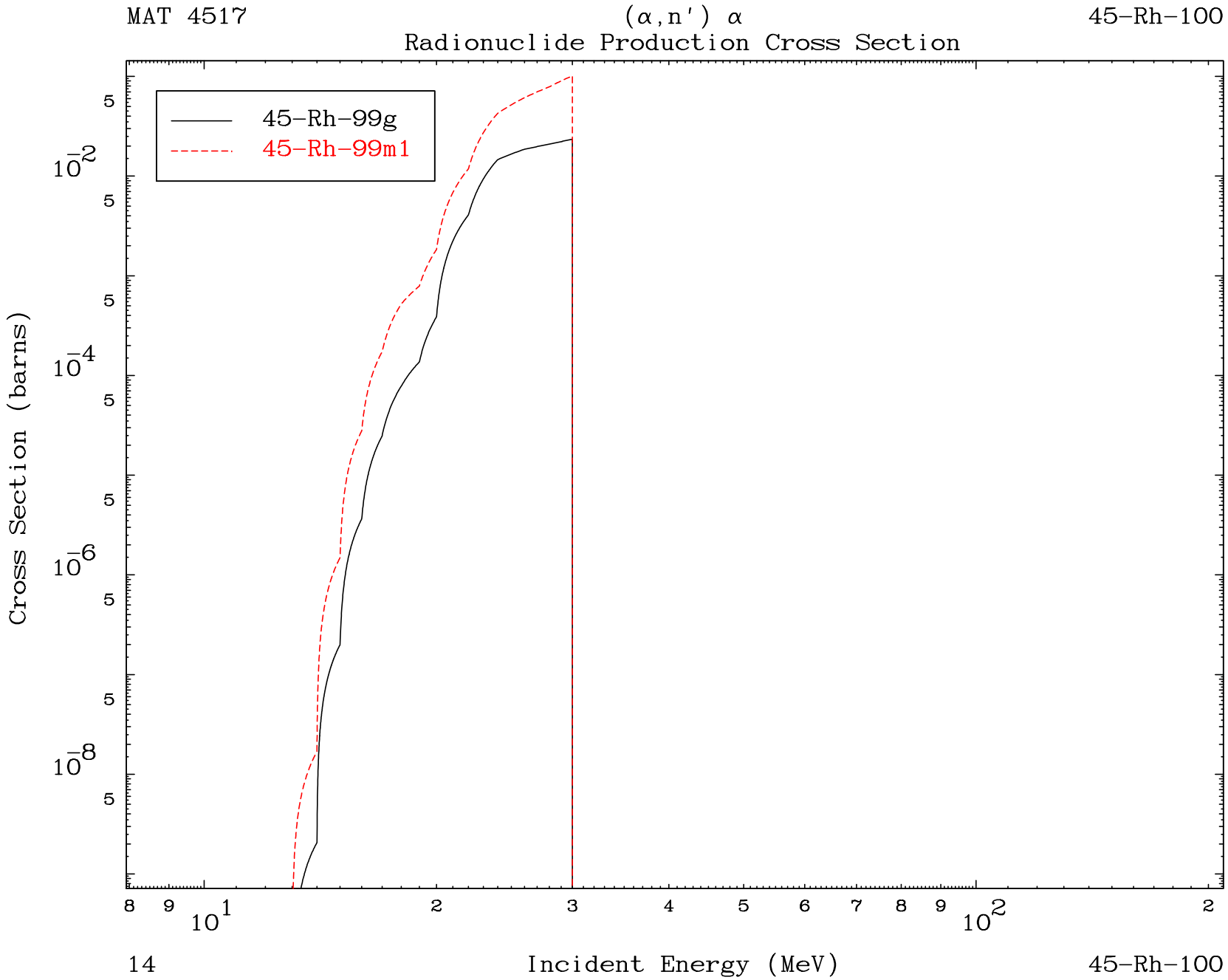

MAT 4517
(α,He3) Levels
45-Rh-100
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
9
45-Rh-100

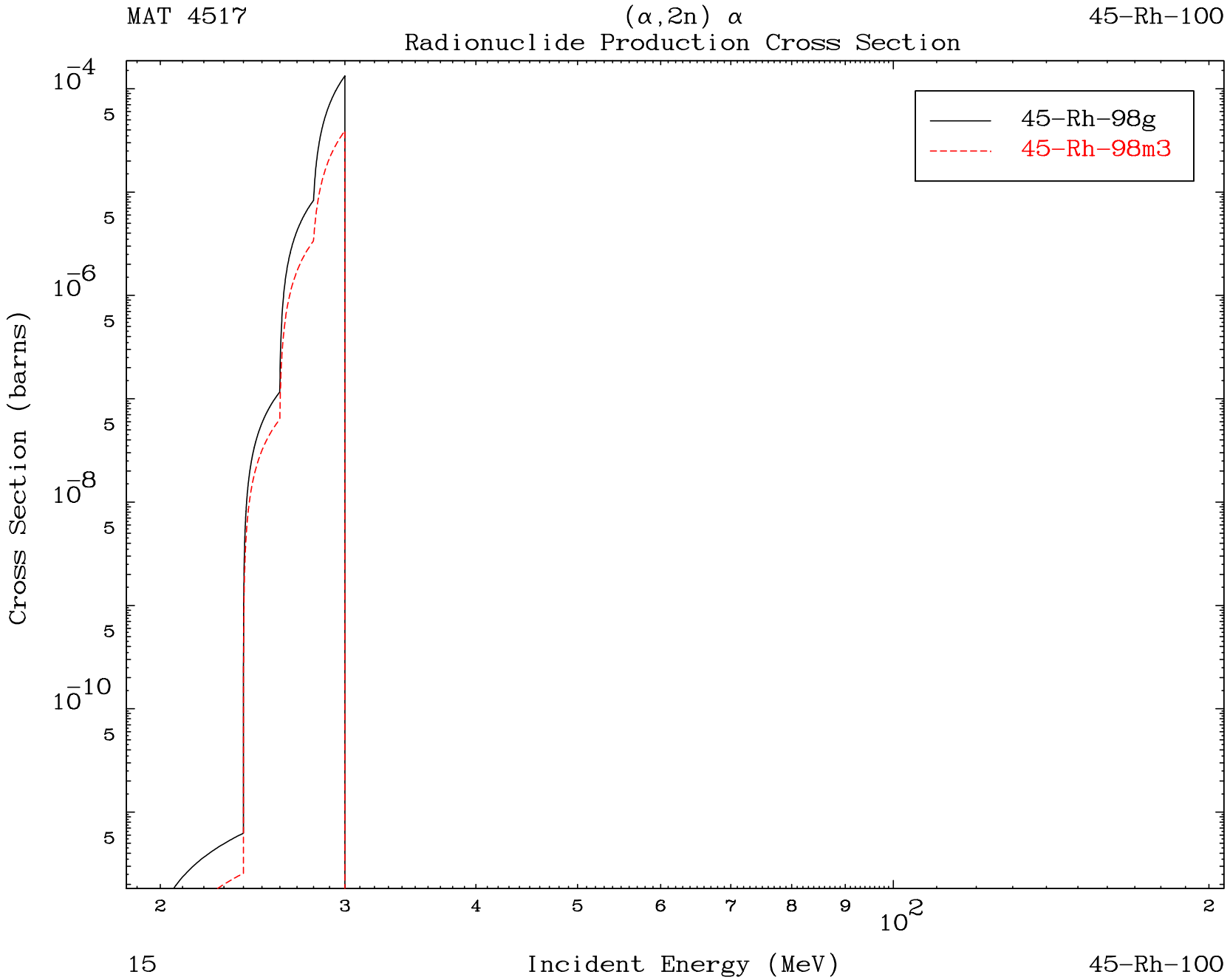

MAT 4517
(α,α) Levels
45-Rh-100
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
10^0
10^2
Incident Energy (MeV)
10
45-Rh-100

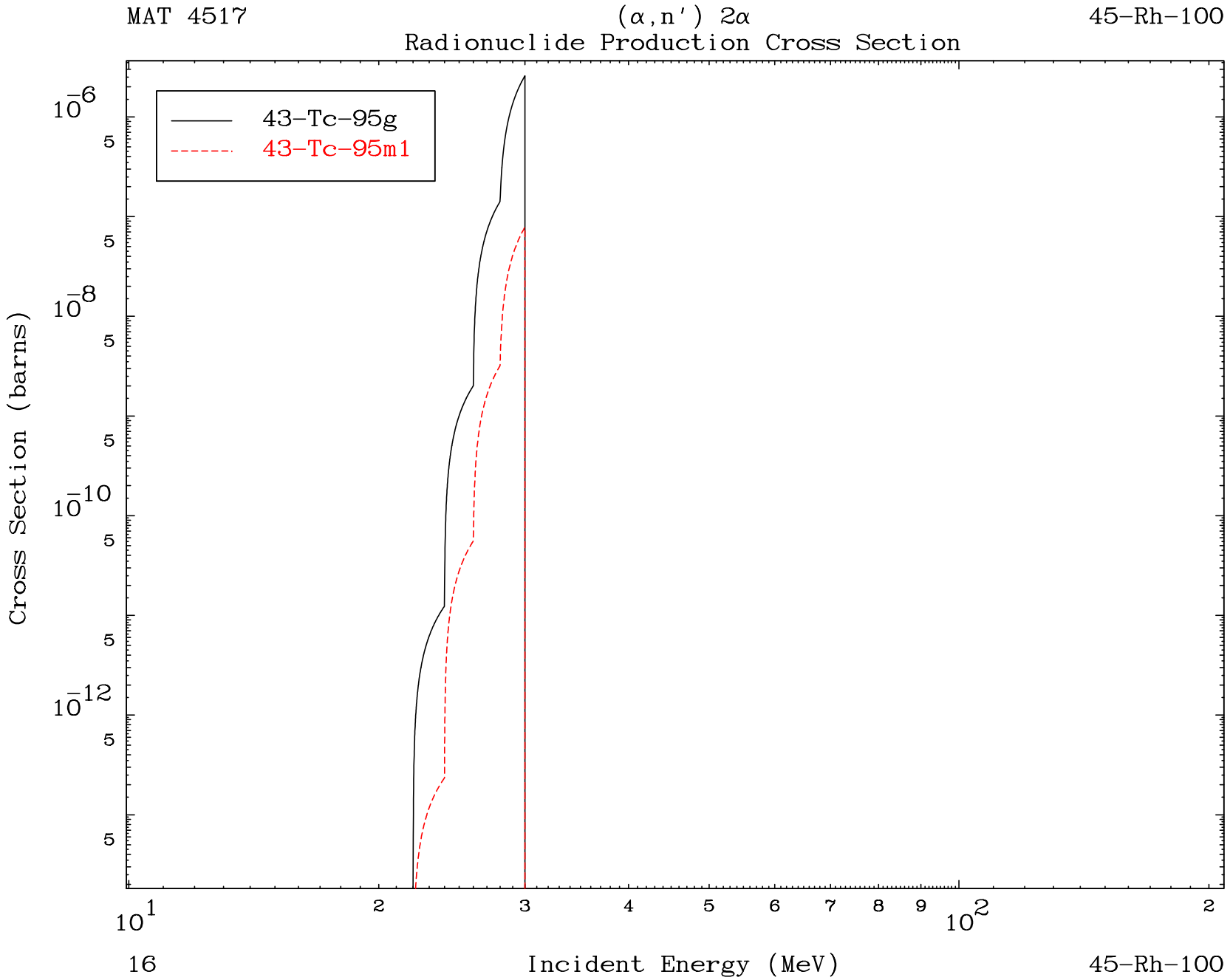

MAT 4517
α Inelastic
45-Rh-100
Radionuclide Production Cross Section
47-Ag-103g
47-Ag-103m2
Cross Section (barns)
Incident Energy (MeV)
11
45-Rh-100

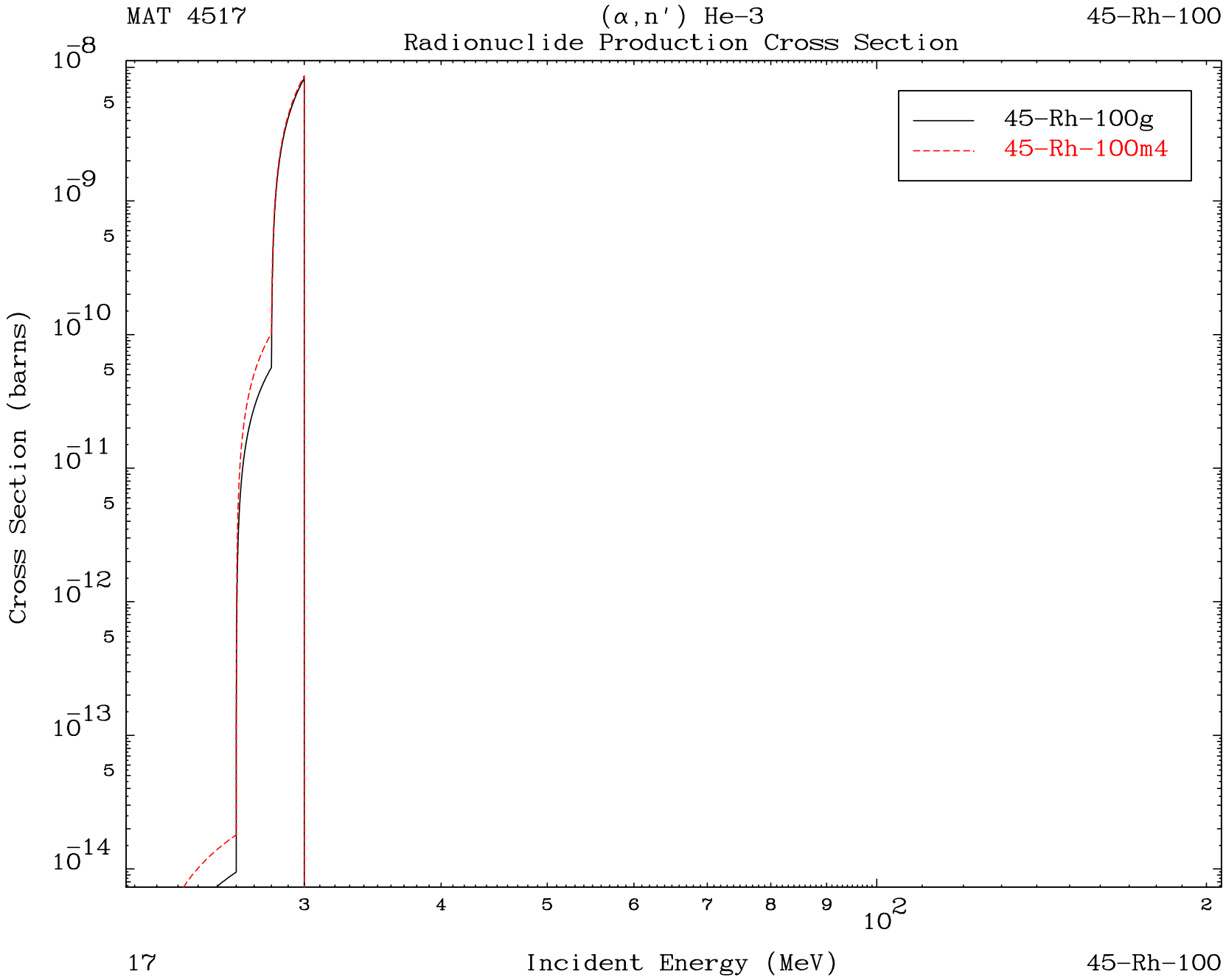

MAT 4517
(α,2n)
45-Rh-100
Radionuclide Production Cross Section
47-Ag-102g
47-Ag-102m1
Cross Section (barns)
10^-1
10^-2
2
3
4
5
6
7
8
9
10^2
Incident Energy (MeV)
12
45-Rh-100

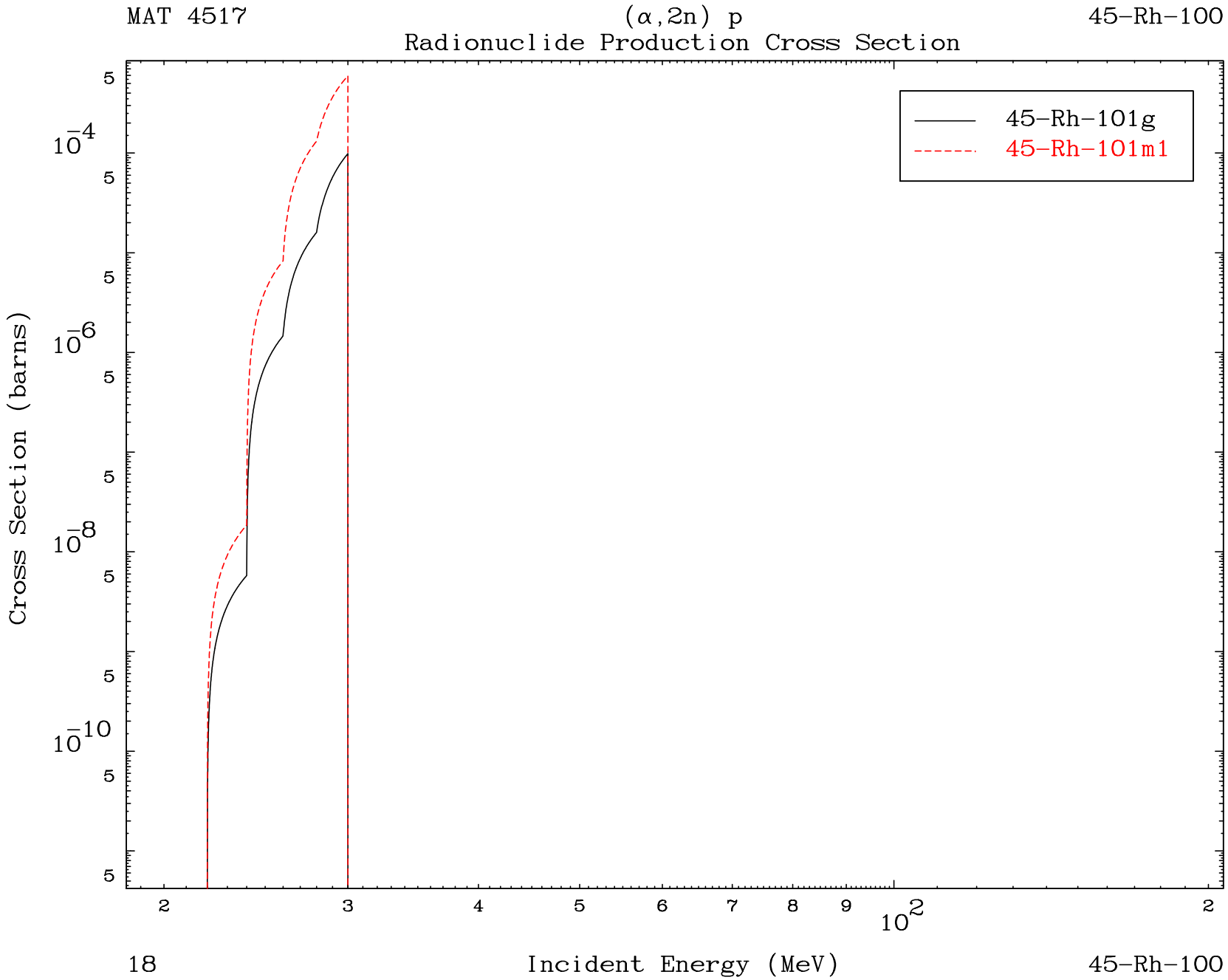

MAT 4517
(α,3n)
45-Rh-100
Radionuclide Production Cross Section
47-Ag-101g
47-Ag-101m2
Cross Section (barns)
10-2
10-3
6
4
2
8
6
4
2
8
6
4
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
45-Rh-100

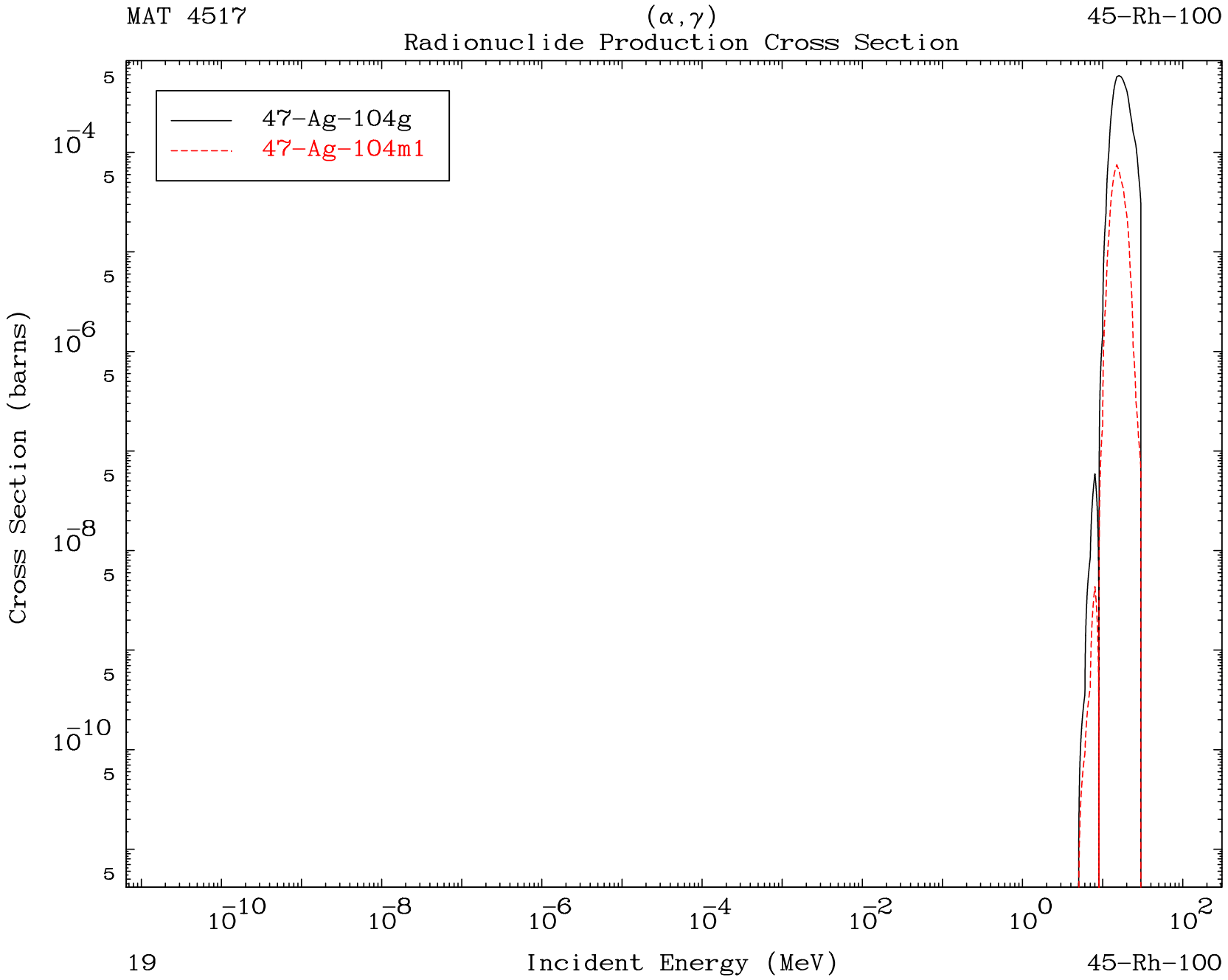

MAT 4517
(α,n') α
45-Rh-100
Radionuclide Production Cross Section
45-Rh-99g
45-Rh-99m1
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
14
Incident Energy (MeV)
45-Rh-100

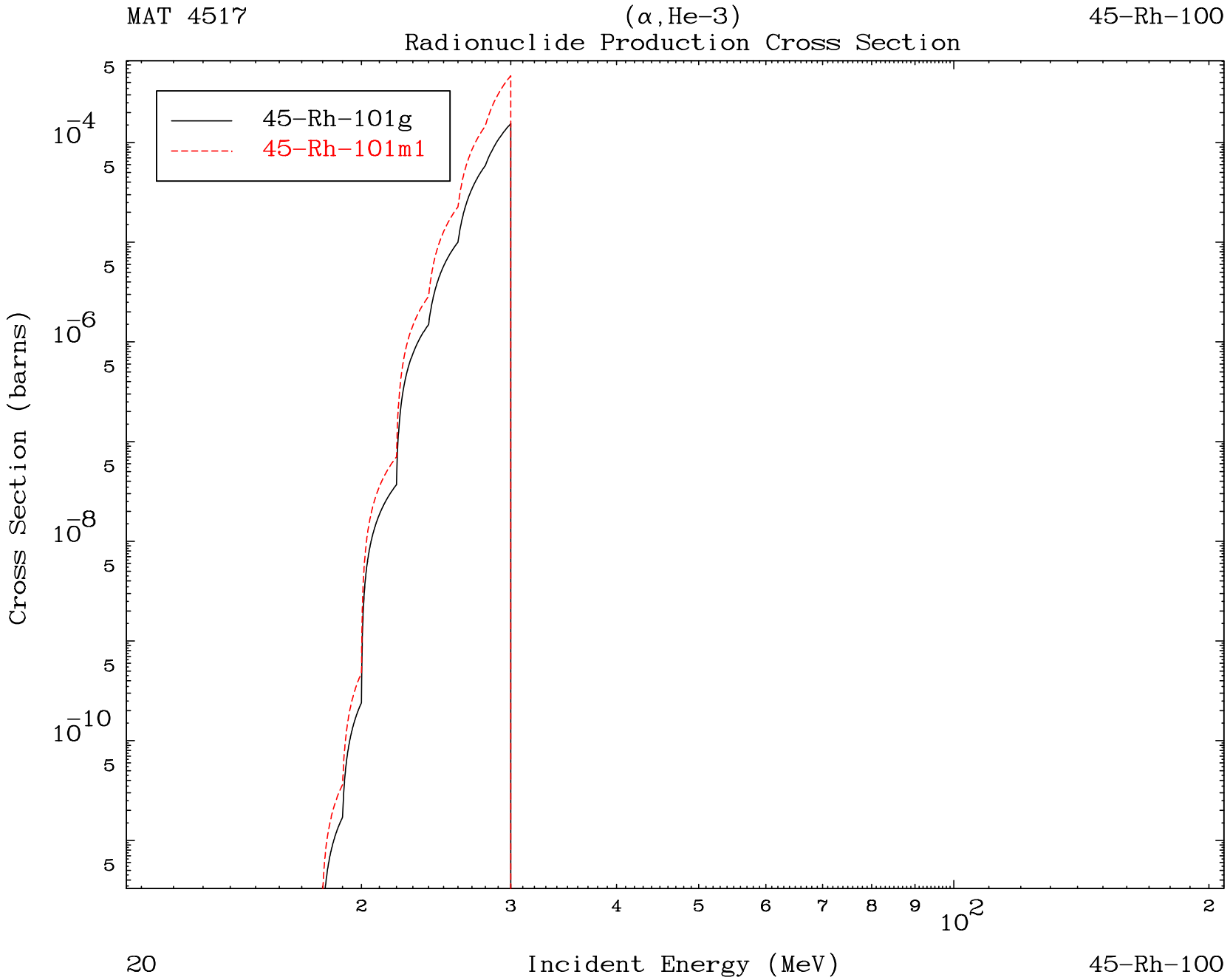

MAT 4517
(α,2n) α
45-Rh-100
Radionuclide Production Cross Section
45-Rh-98g
45-Rh-98m3
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
45-Rh-100

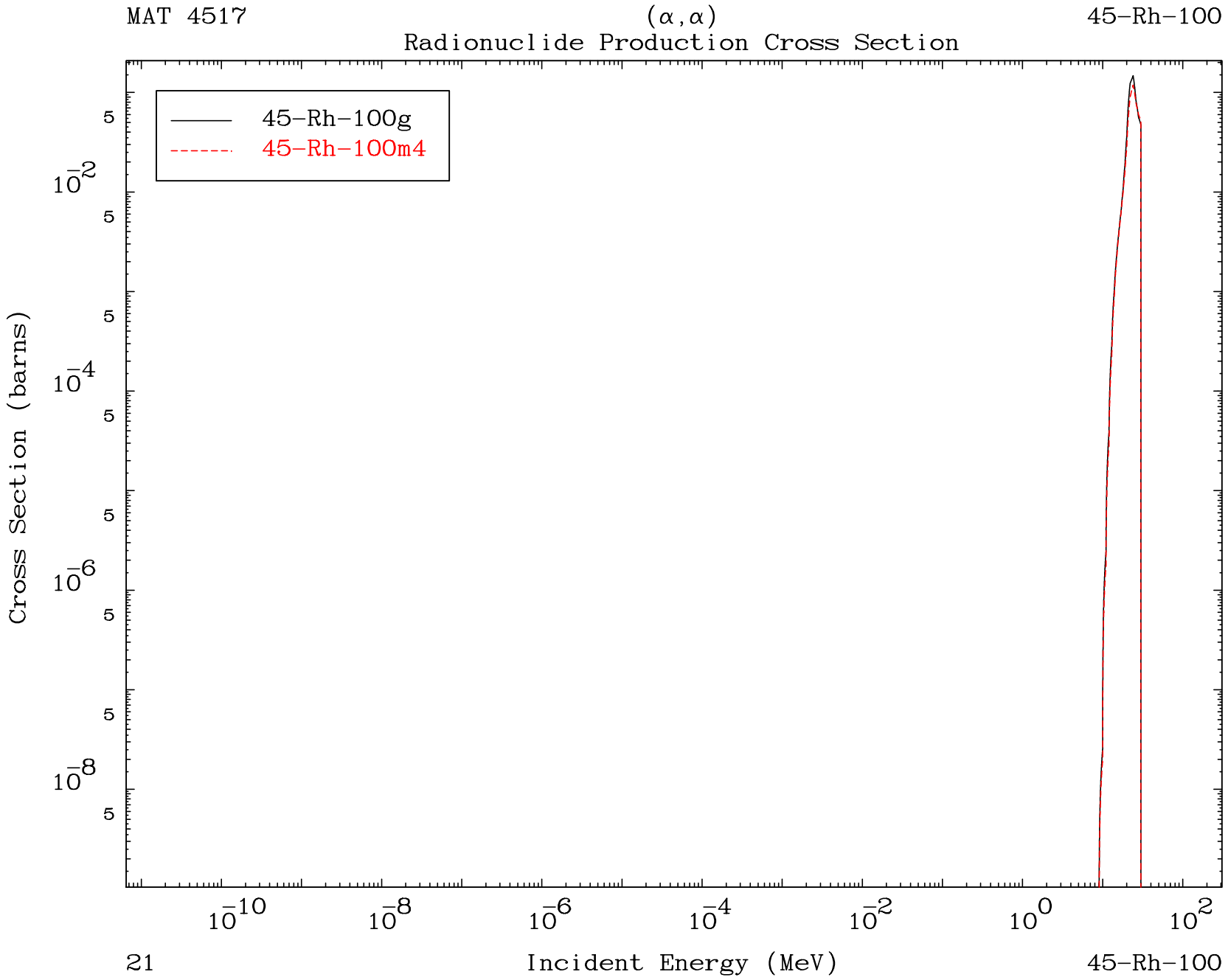

MAT 4517
(α,n') 2α
45-Rh-100
Radionuclide Production Cross Section
43-Tc-95g
43-Tc-95m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^1
2
3
4
5
6
7
8
9
10^2
2
16
Incident Energy (MeV)
45-Rh-100

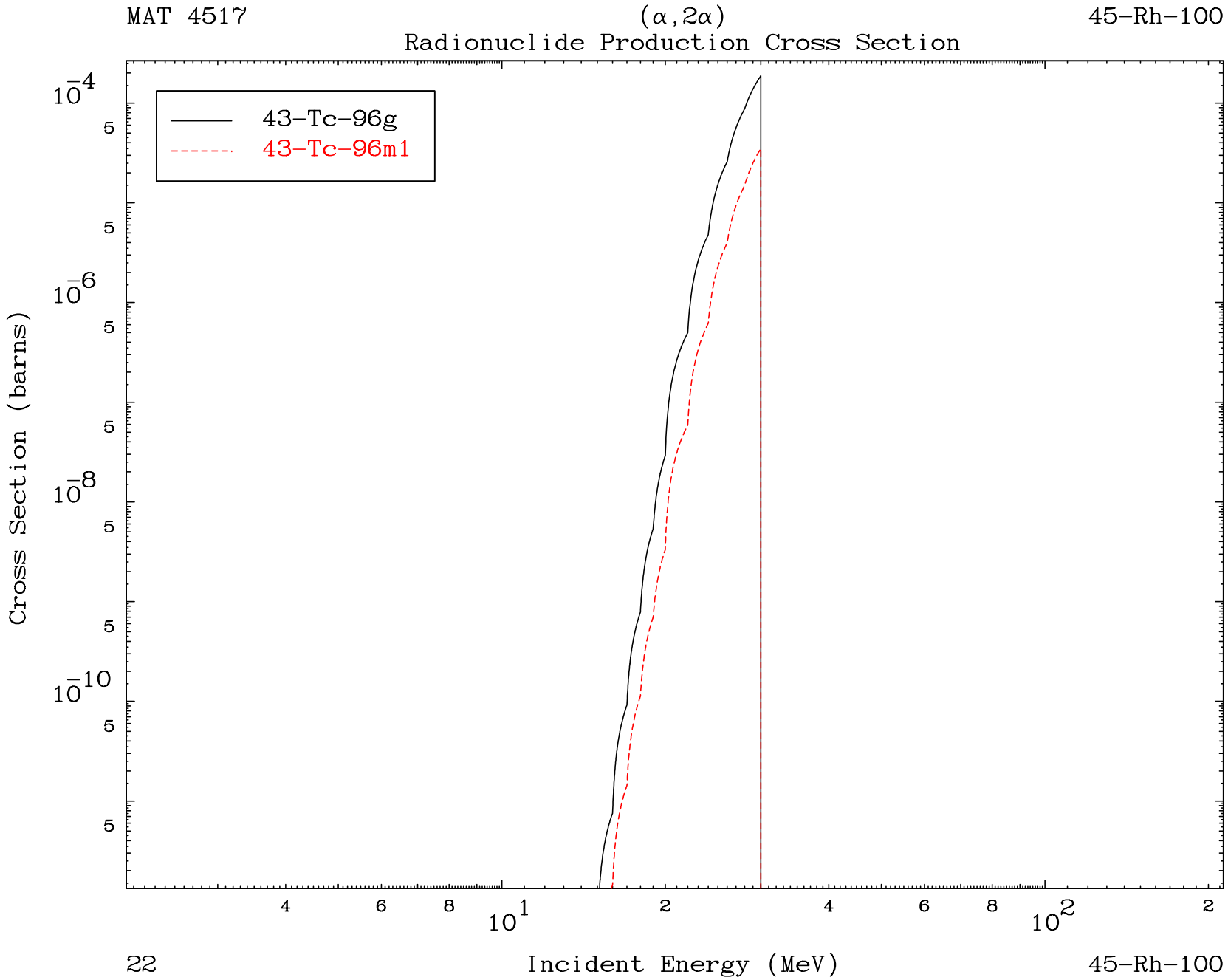

MAT 4517
(α,n') He-3
45-Rh-100
Radionuclide Production Cross Section
45-Rh-100g
45-Rh-100m4
Cross Section (barns)
Incident Energy (MeV)
17
45-Rh-100

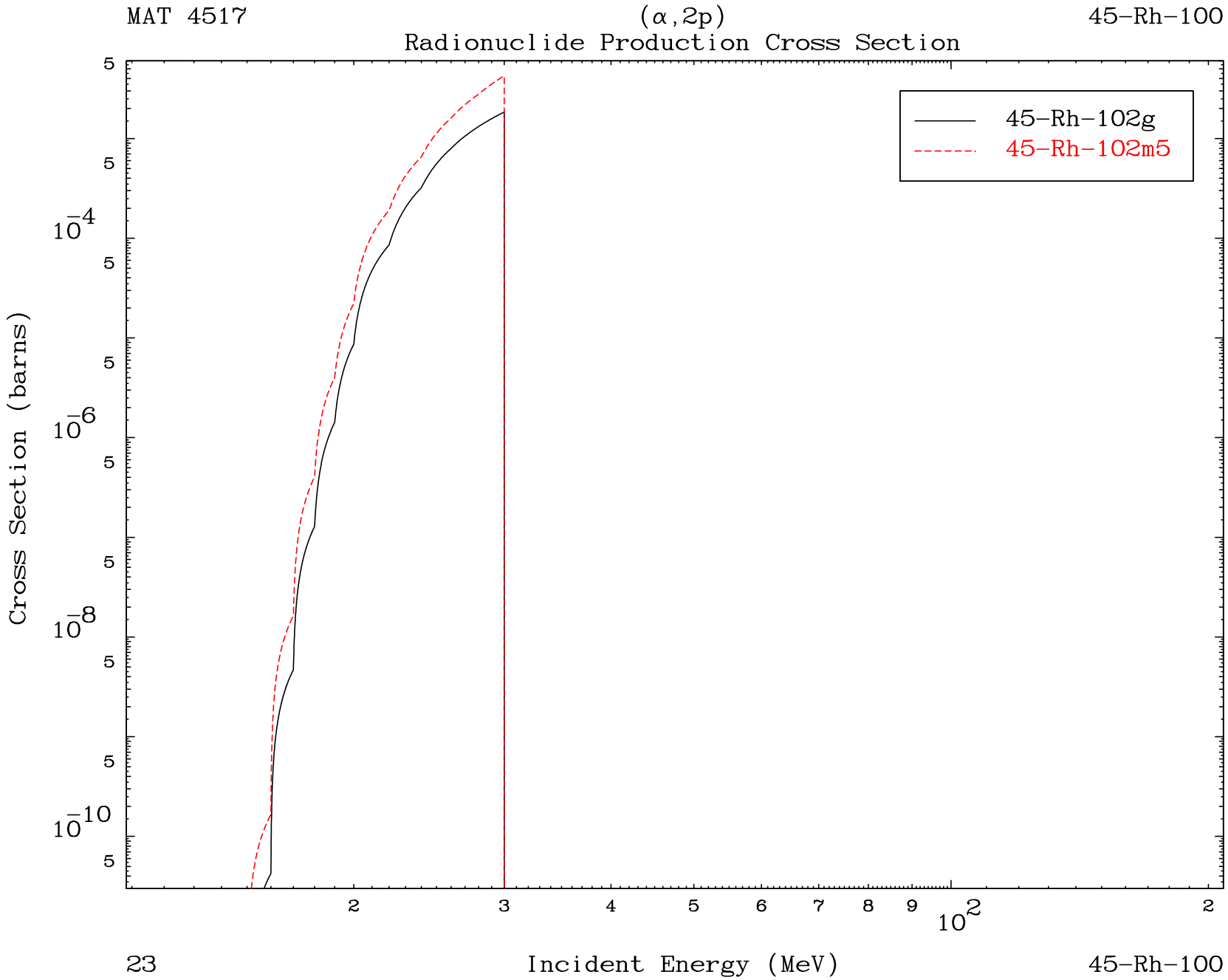

MAT 4517
(α,2n) p
45-Rh-100
Radionuclide Production Cross Section
45-Rh-101g
45-Rh-101m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
18
45-Rh-100

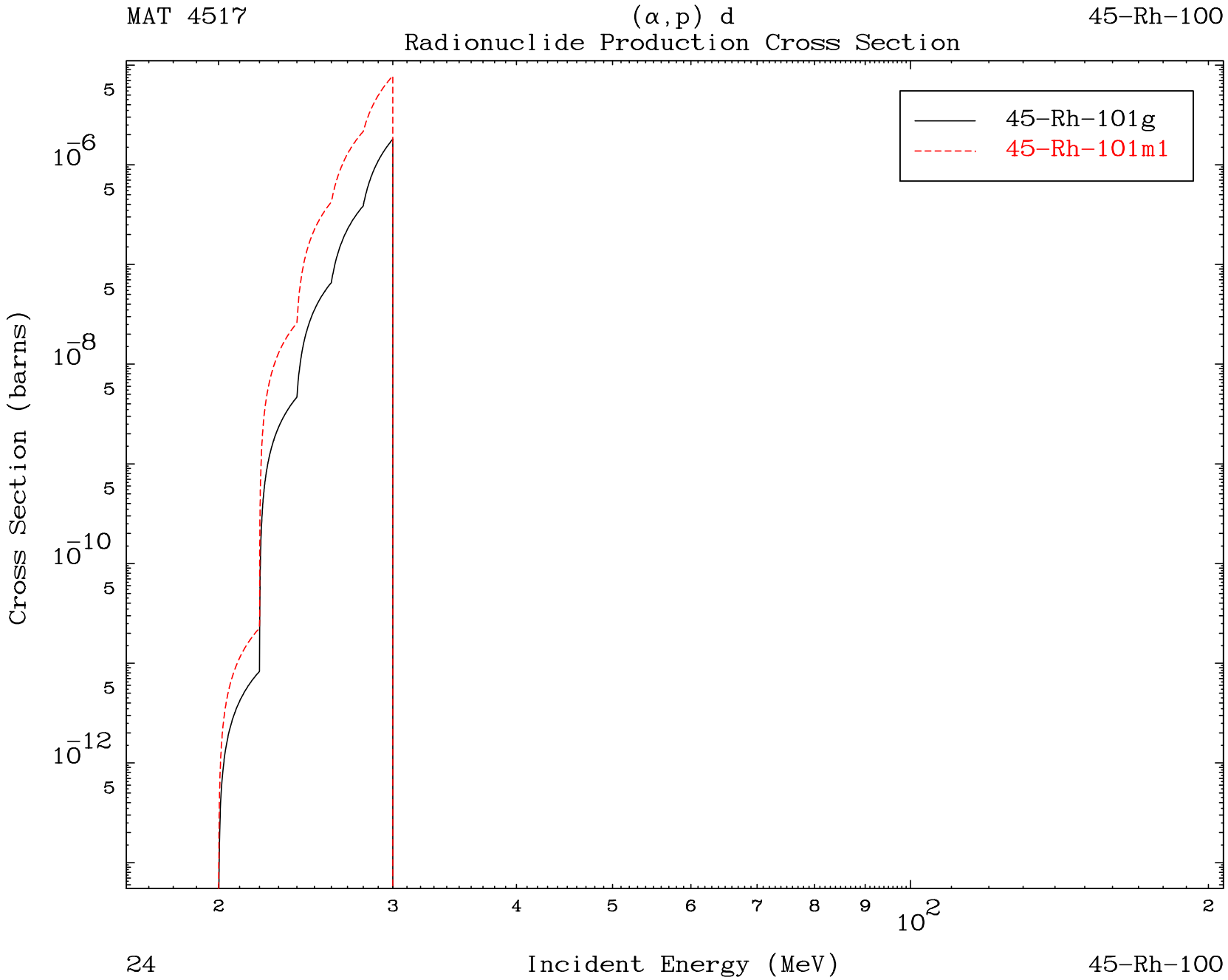

MAT 4517
(α,γ)
45-Rh-100
Radionuclide Production Cross Section
47-Ag-104g
47-Ag-104m1
Cross Section (barns)
Incident Energy (MeV)
19
45-Rh-100

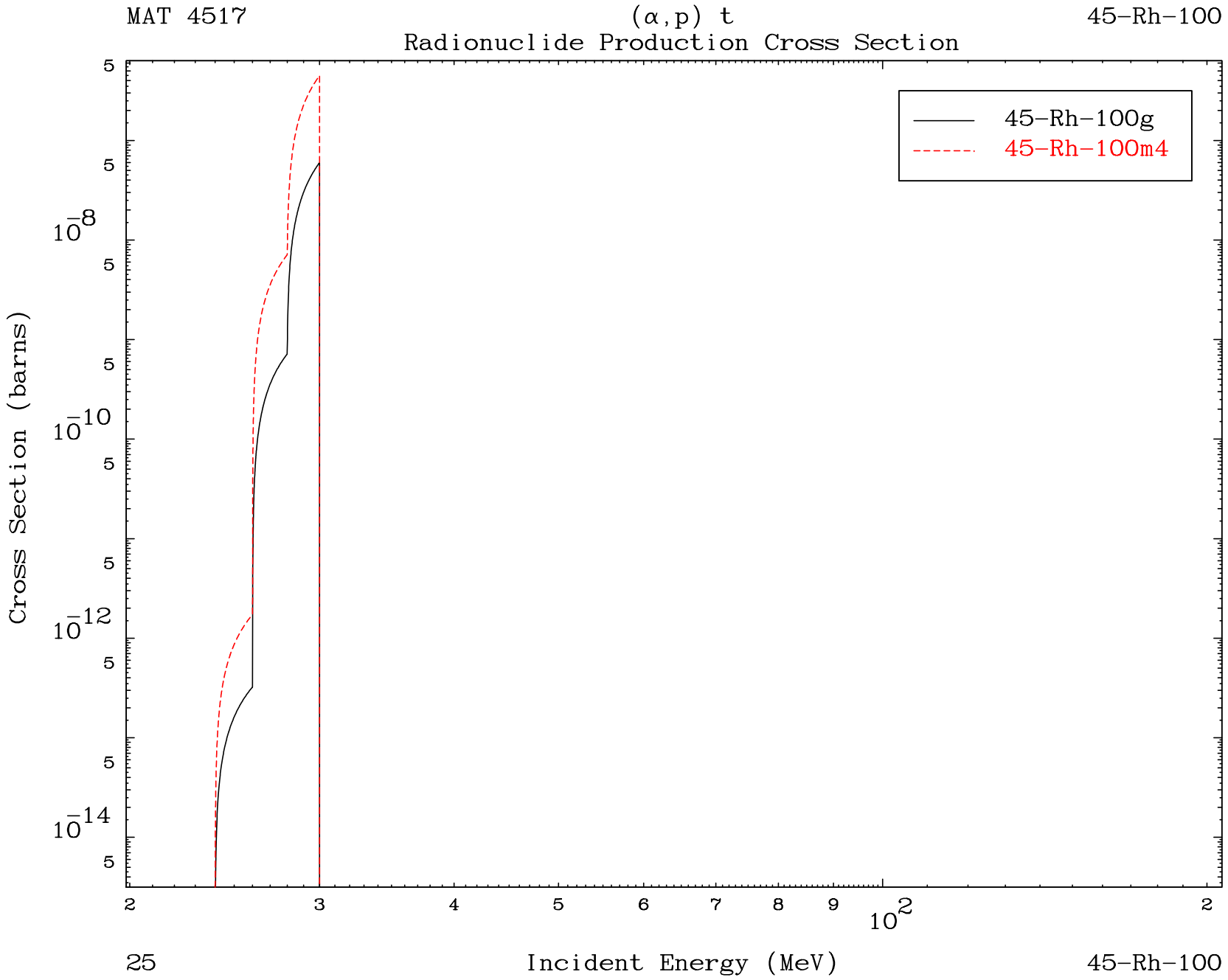

MAT 4517
(α,He-3)
45-Rh-100
Radionuclide Production Cross Section
45-Rh-101g
45-Rh-101m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10^2
2
20
Incident Energy (MeV)
45-Rh-100


MAT 4517
(α,α)
45-Rh-100
Radionuclide Production Cross Section
45-Rh-100g
45-Rh-100m4
Cross Section (barns)
Incident Energy (MeV)
21
45-Rh-100


MAT 4517
(α,2α)
45-Rh-100
Radionuclide Production Cross Section
43-Tc-96g
43-Tc-96m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
4
6
8
10^1
2
10^2
22
Incident Energy (MeV)
45-Rh-100


MAT 4517
(α,2p)
45-Rh-100
Radionuclide Production Cross Section
45-Rh-102g
45-Rh-102m5
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10^2
2
23
Incident Energy (MeV)
45-Rh-100


MAT 4517
(α,p) d
45-Rh-100
Radionuclide Production Cross Section
45-Rh-101g
45-Rh-101m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
24
45-Rh-100


MAT 4517
(α,p) t
45-Rh-100
Radionuclide Production Cross Section
45-Rh-100g
45-Rh-100m4
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
25
Incident Energy (MeV)
45-Rh-100