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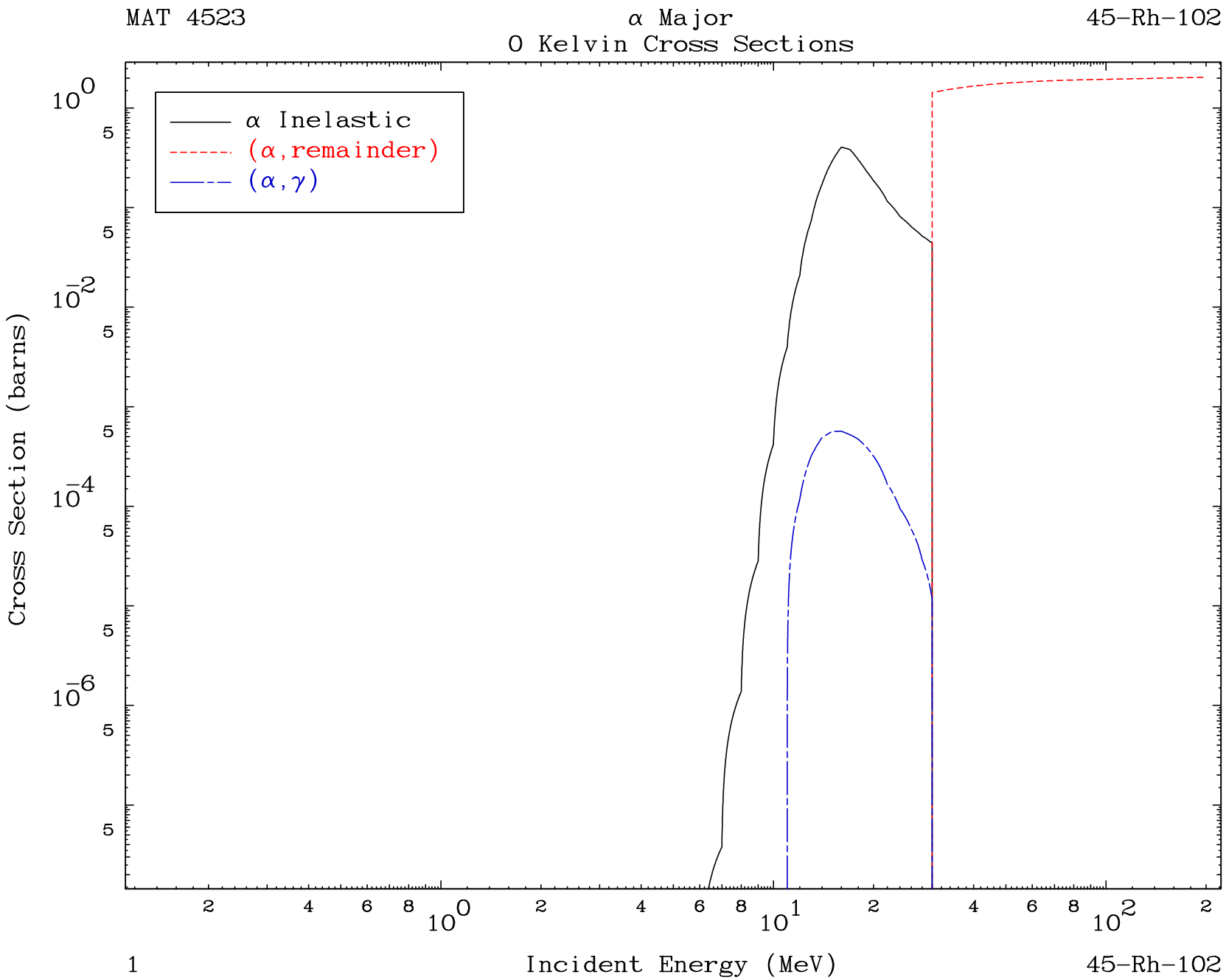
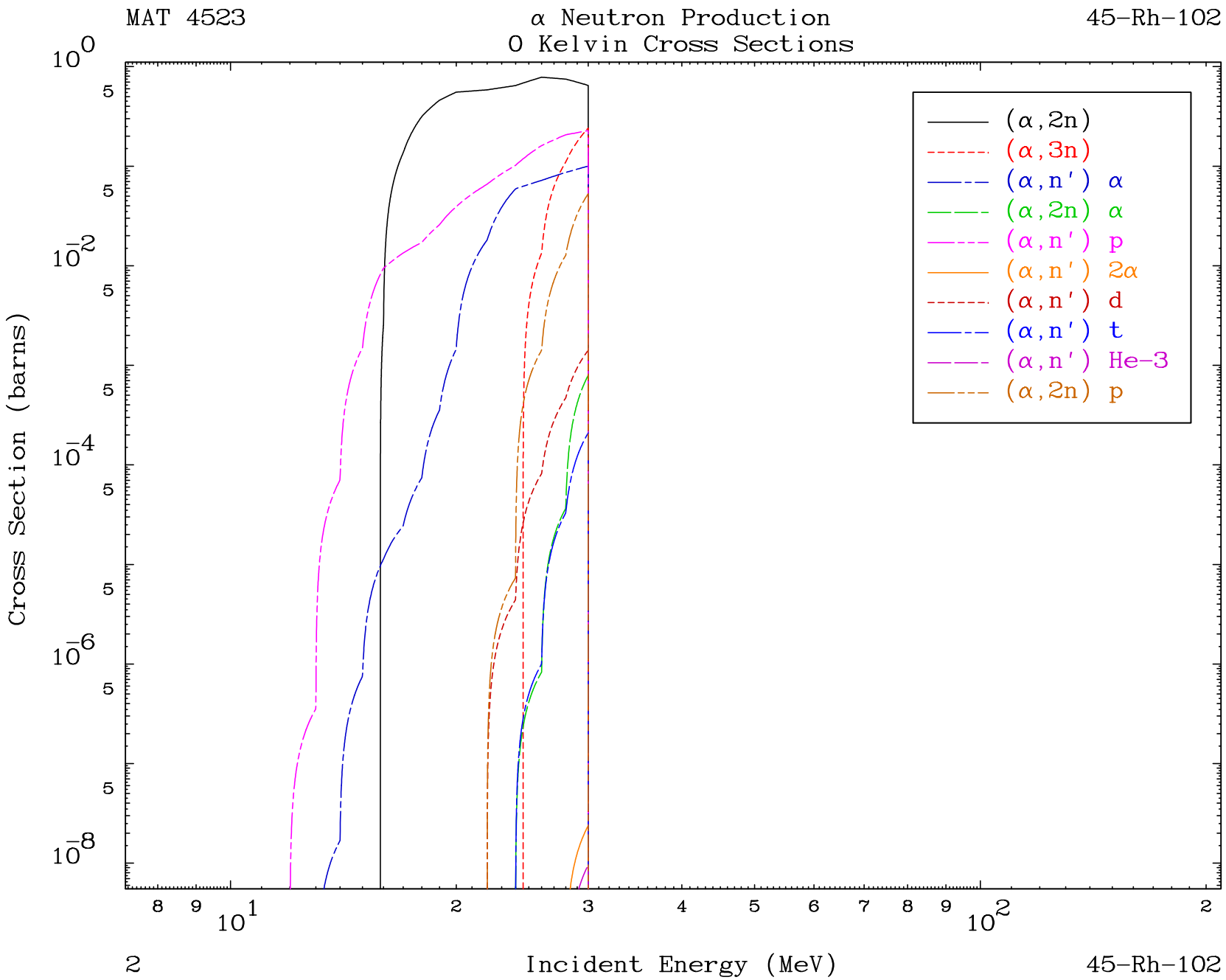
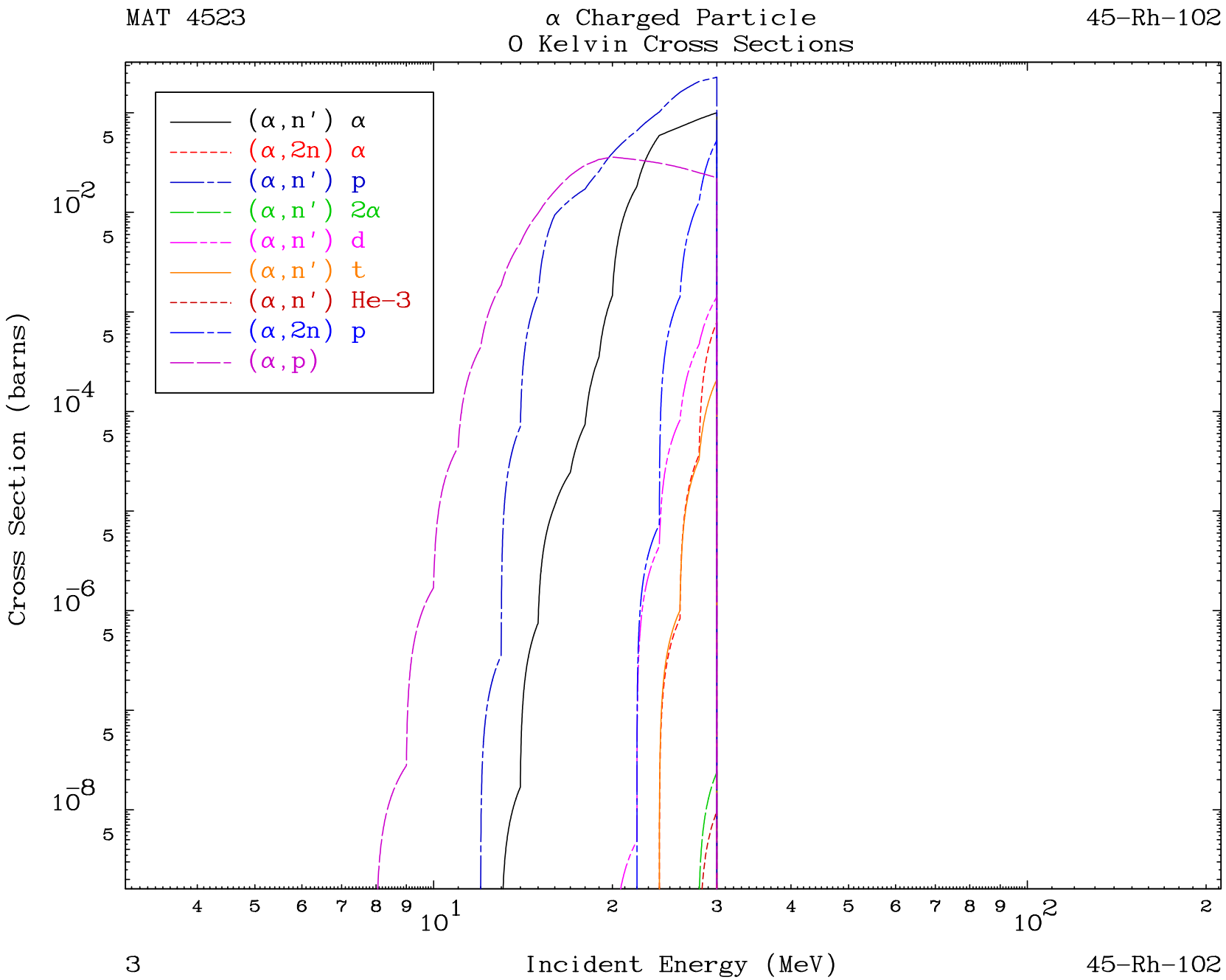
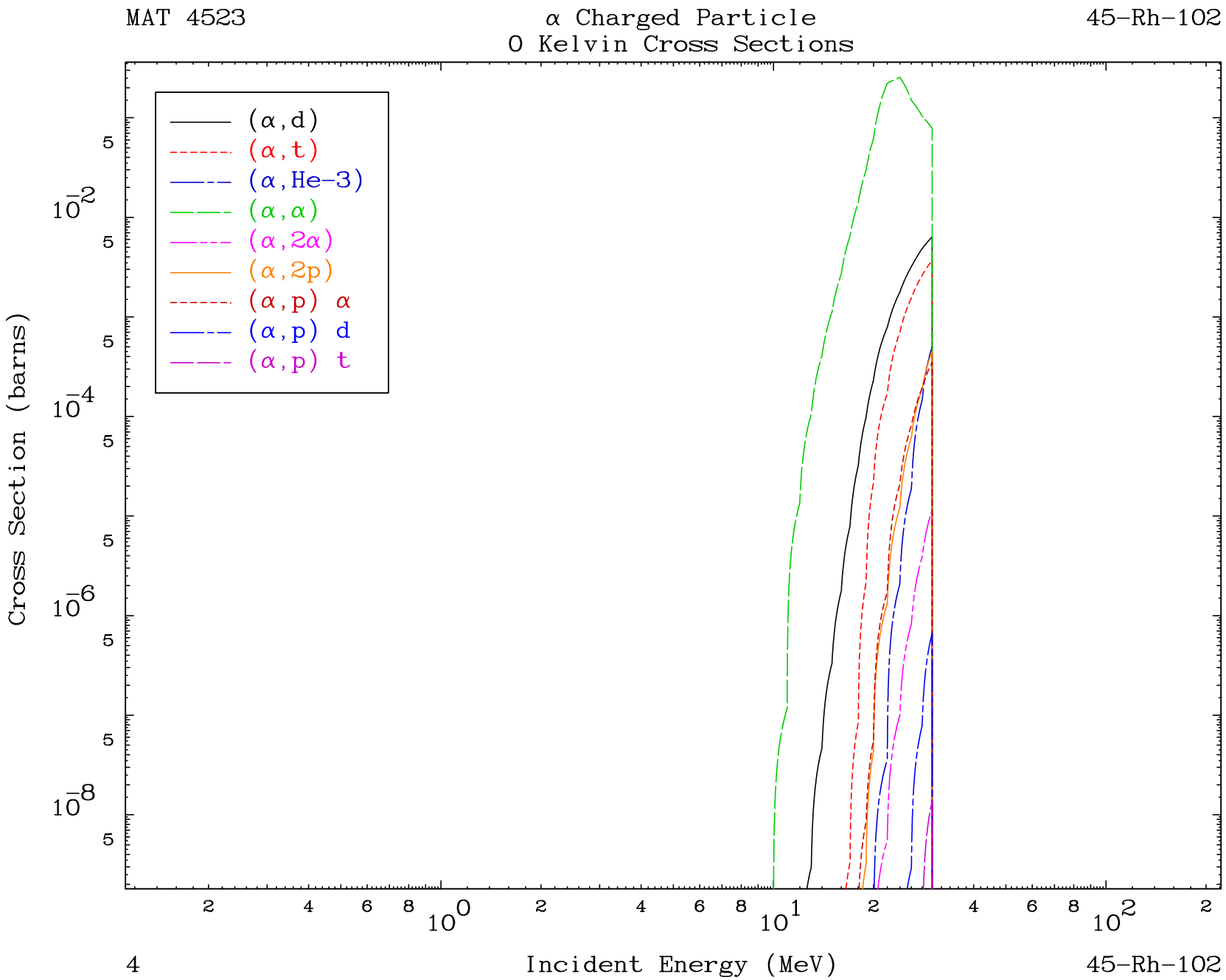
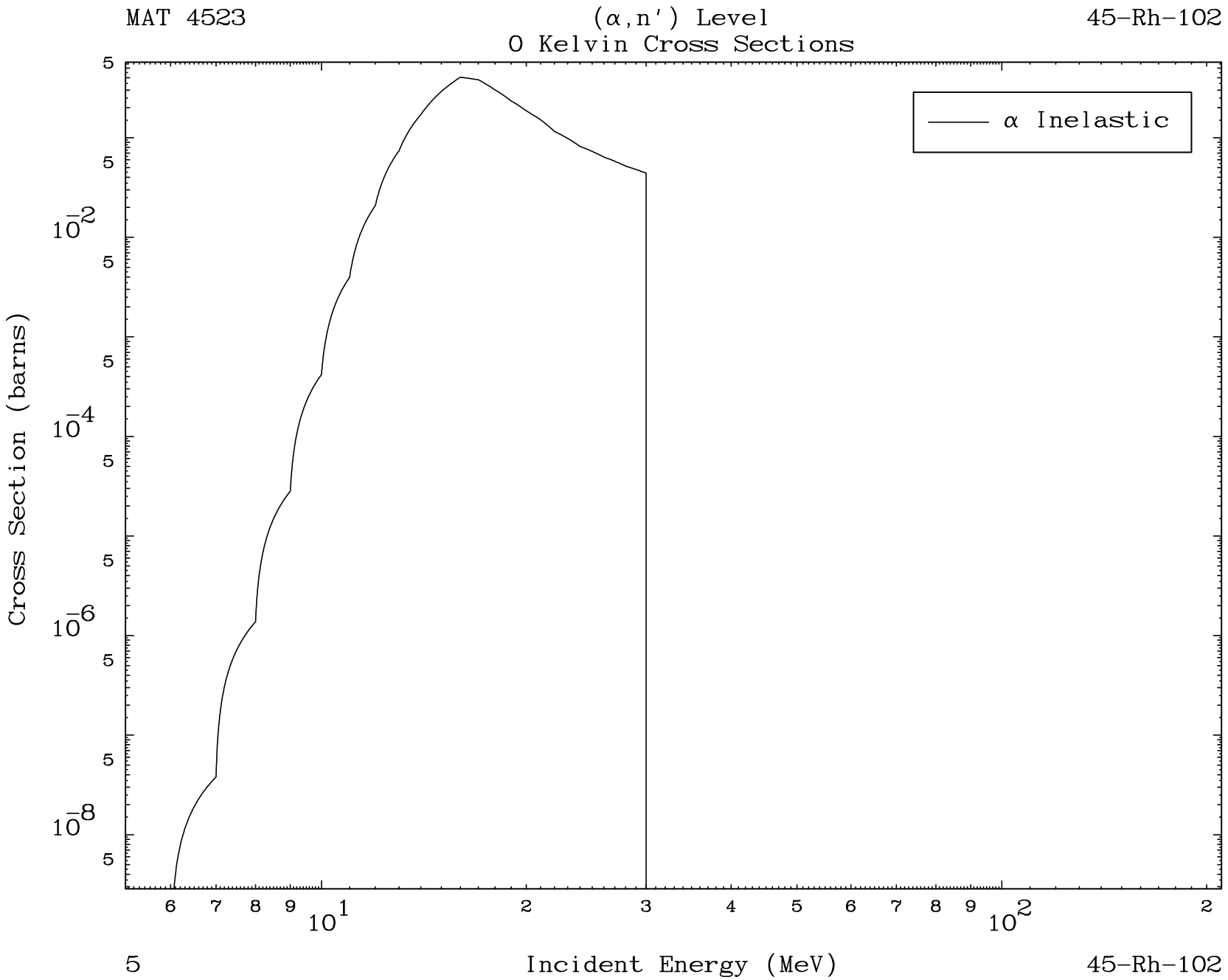
Press Mouse Button to Start

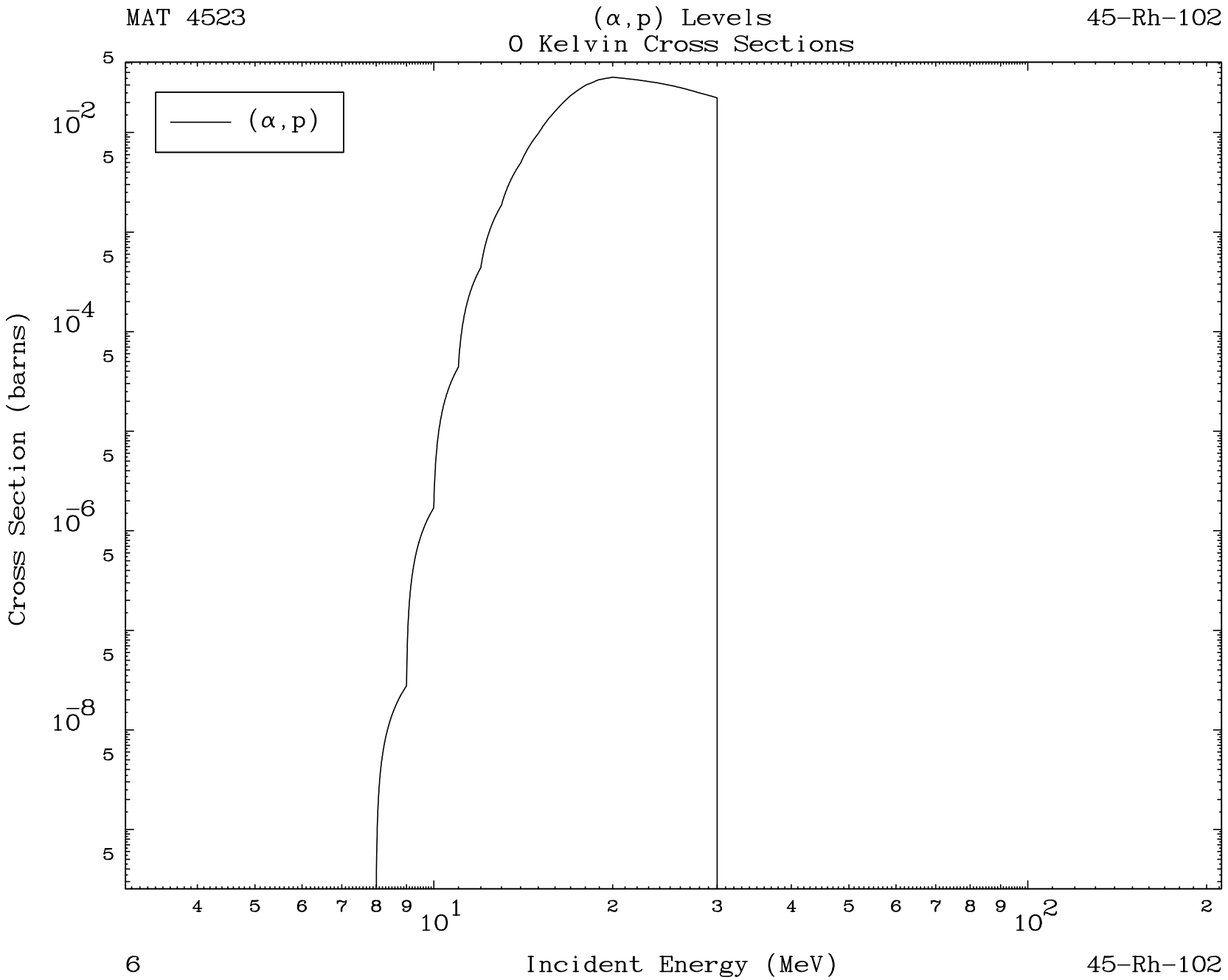

MAT 4523
α Major
45-Rh-102
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
45-Rh-102
1

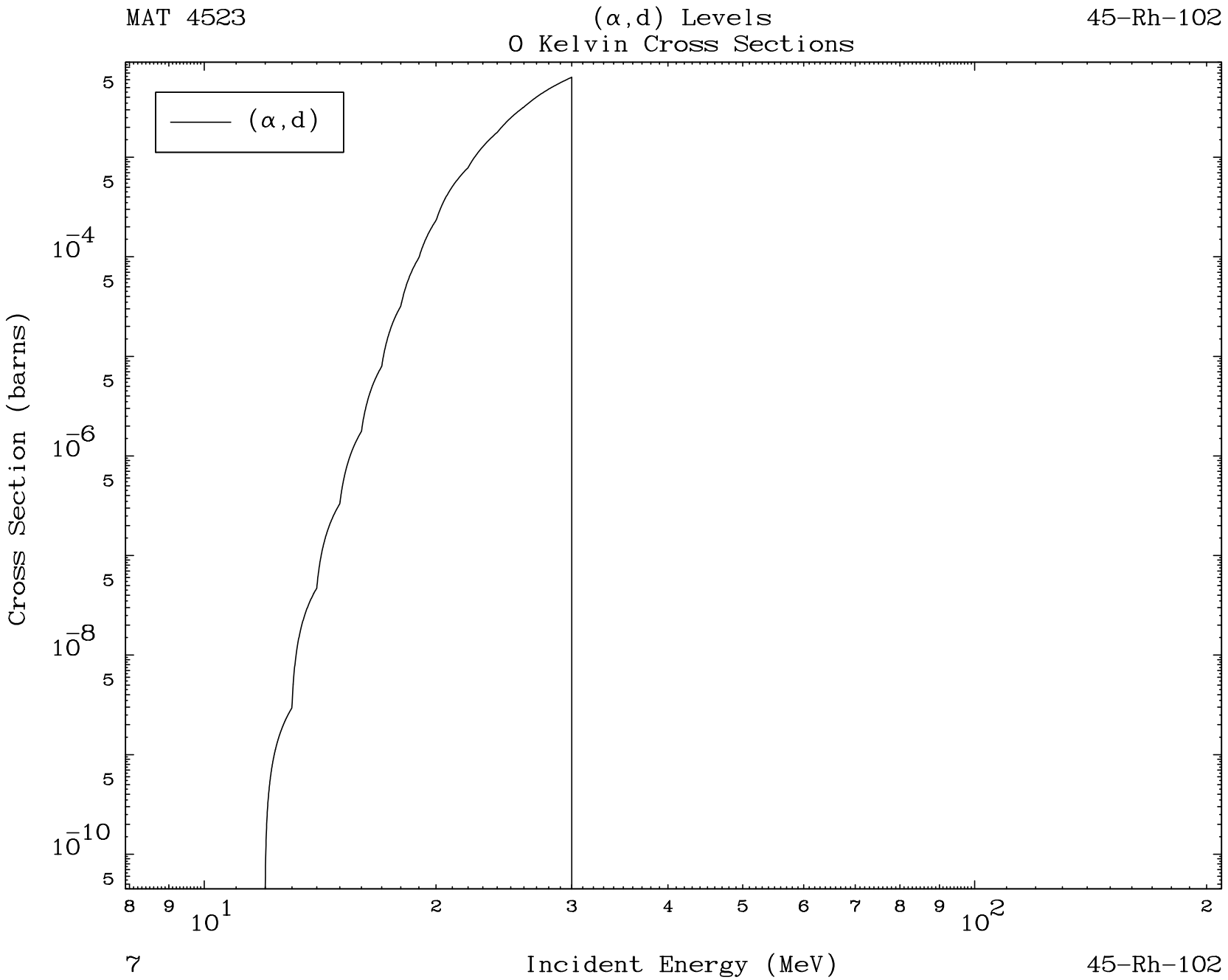

MAT 4523
α Neutron Production
0 Kelvin Cross Sections
45-Rh-102
Cross Section (barns)
Incident Energy (MeV)
45-Rh-102
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p

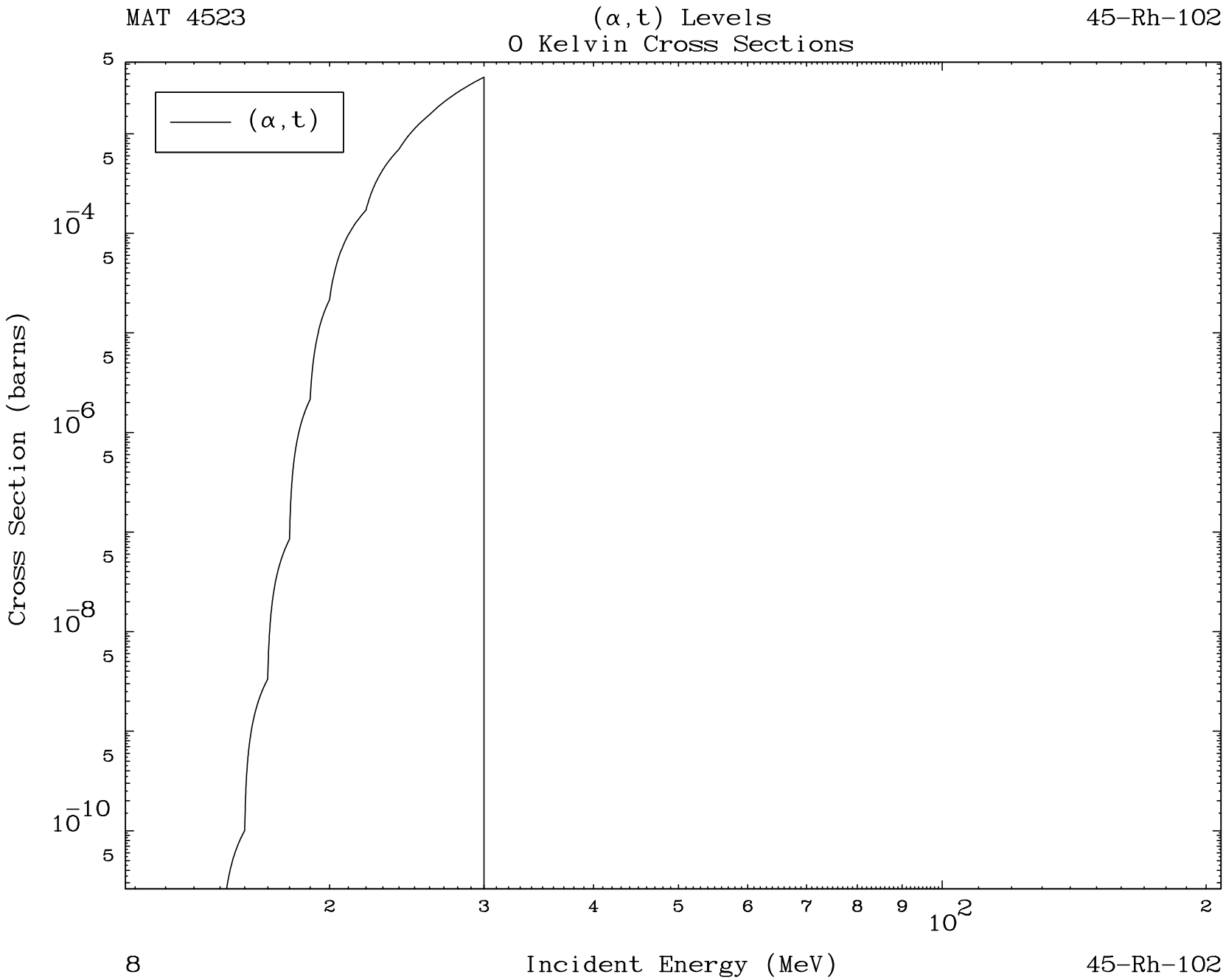

MAT 4523
α Charged Particle
0 Kelvin Cross Sections
45-Rh-102
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,p)
Cross Section (barns)
Incident Energy (MeV)
3
45-Rh-102

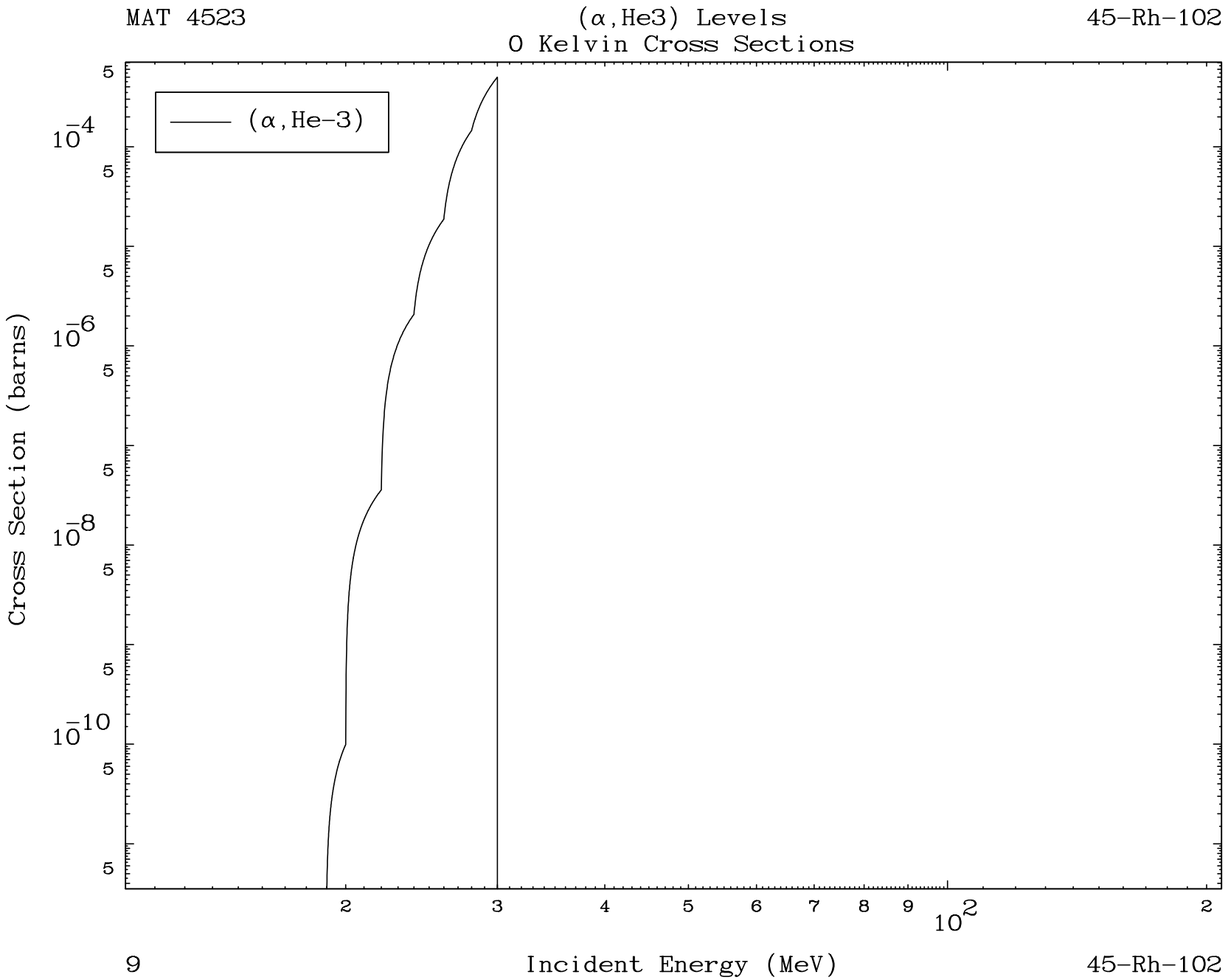

MAT 4523
α Charged Particle
0 Kelvin Cross Sections
45-Rh-102
(α,d)
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
4
45-Rh-102

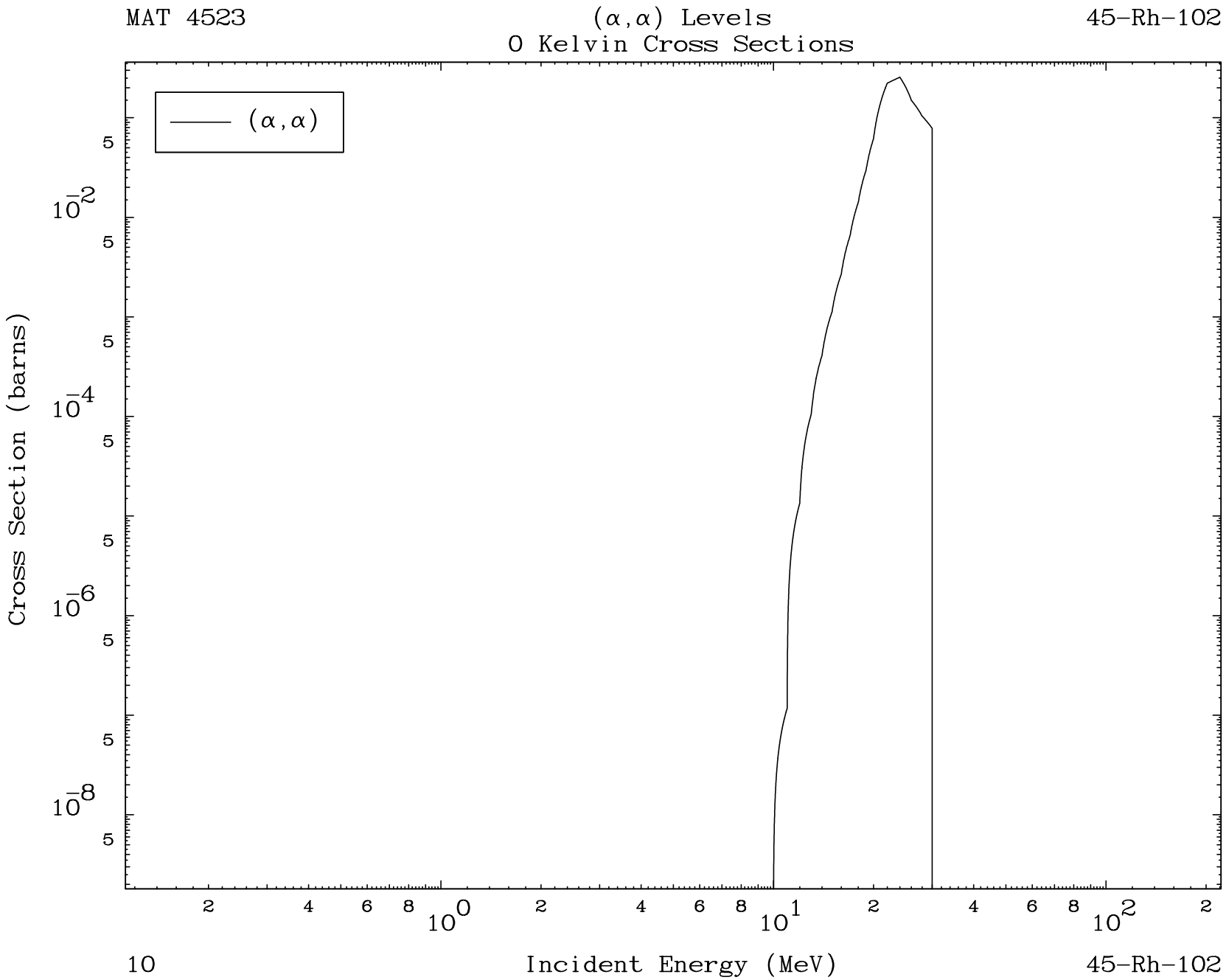

MAT 4523
(α,n') Level
45-Rh-102
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
Incident Energy (MeV)
45-Rh-102

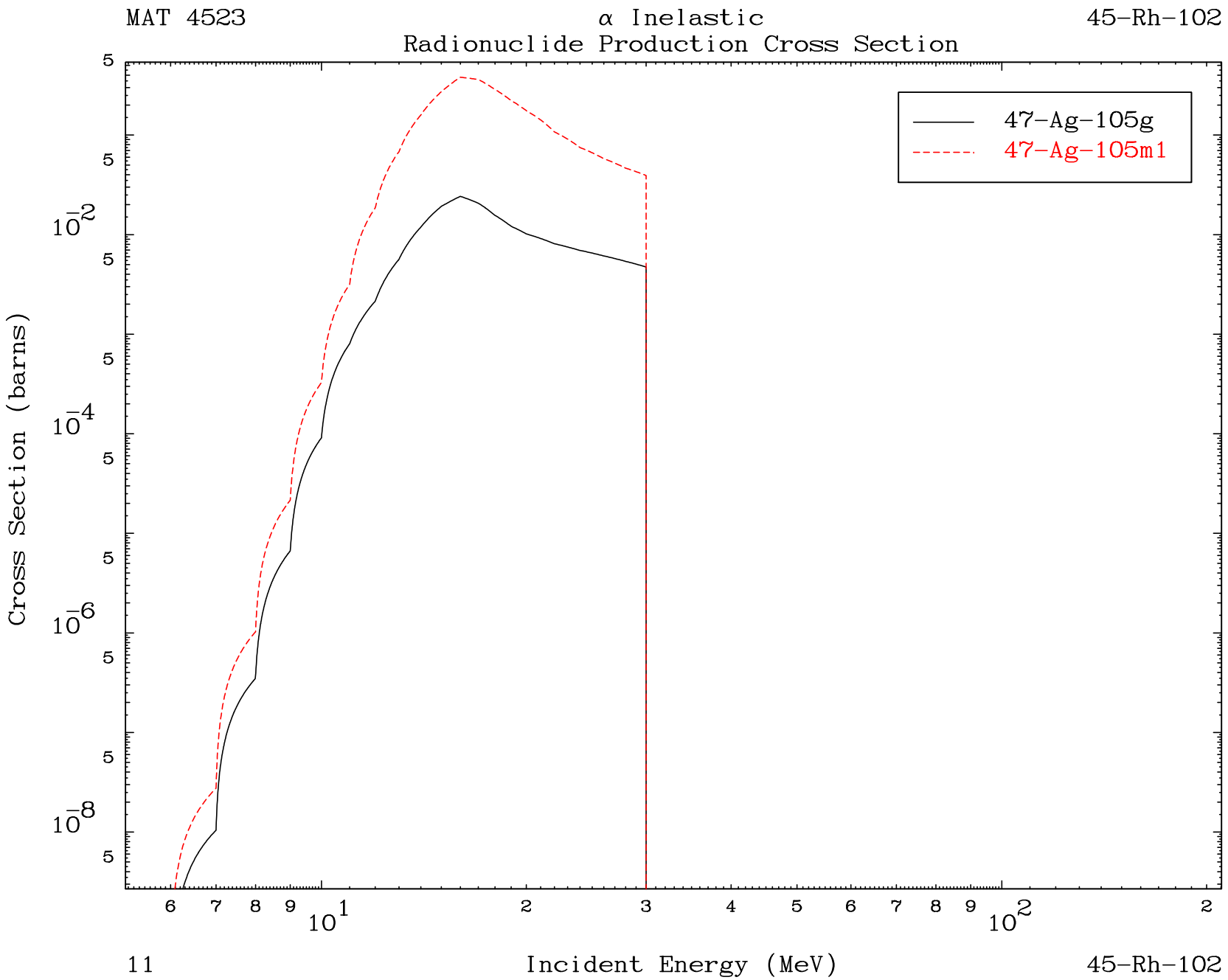

MAT 4523
(α,p) Levels
45-Rh-102
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
6
45-Rh-102

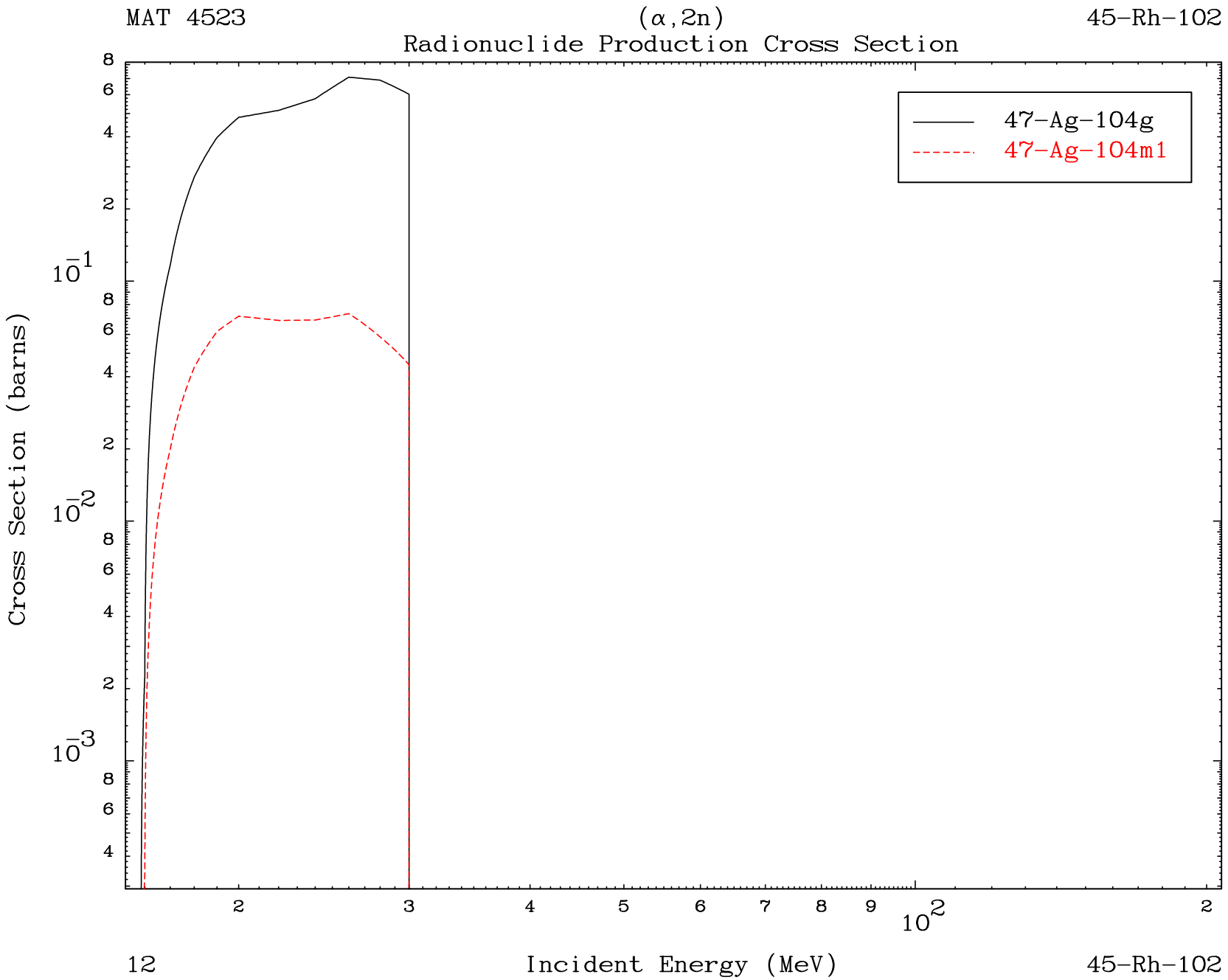

MAT 4523
(α,d) Levels
45-Rh-102
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
Incident Energy (MeV)
45-Rh-102
7

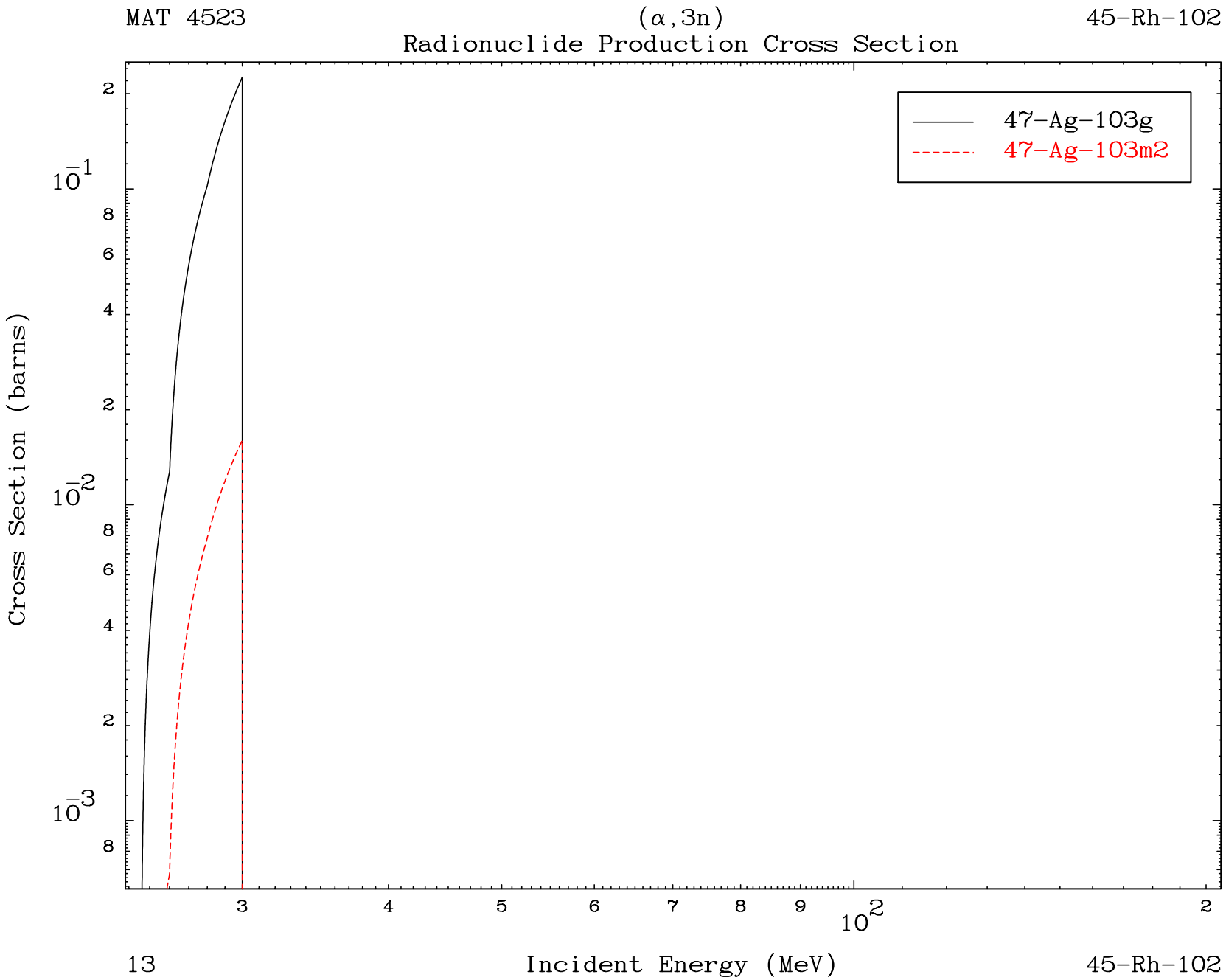

MAT 4523
(α,t) Levels
45-Rh-102
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
8
45-Rh-102

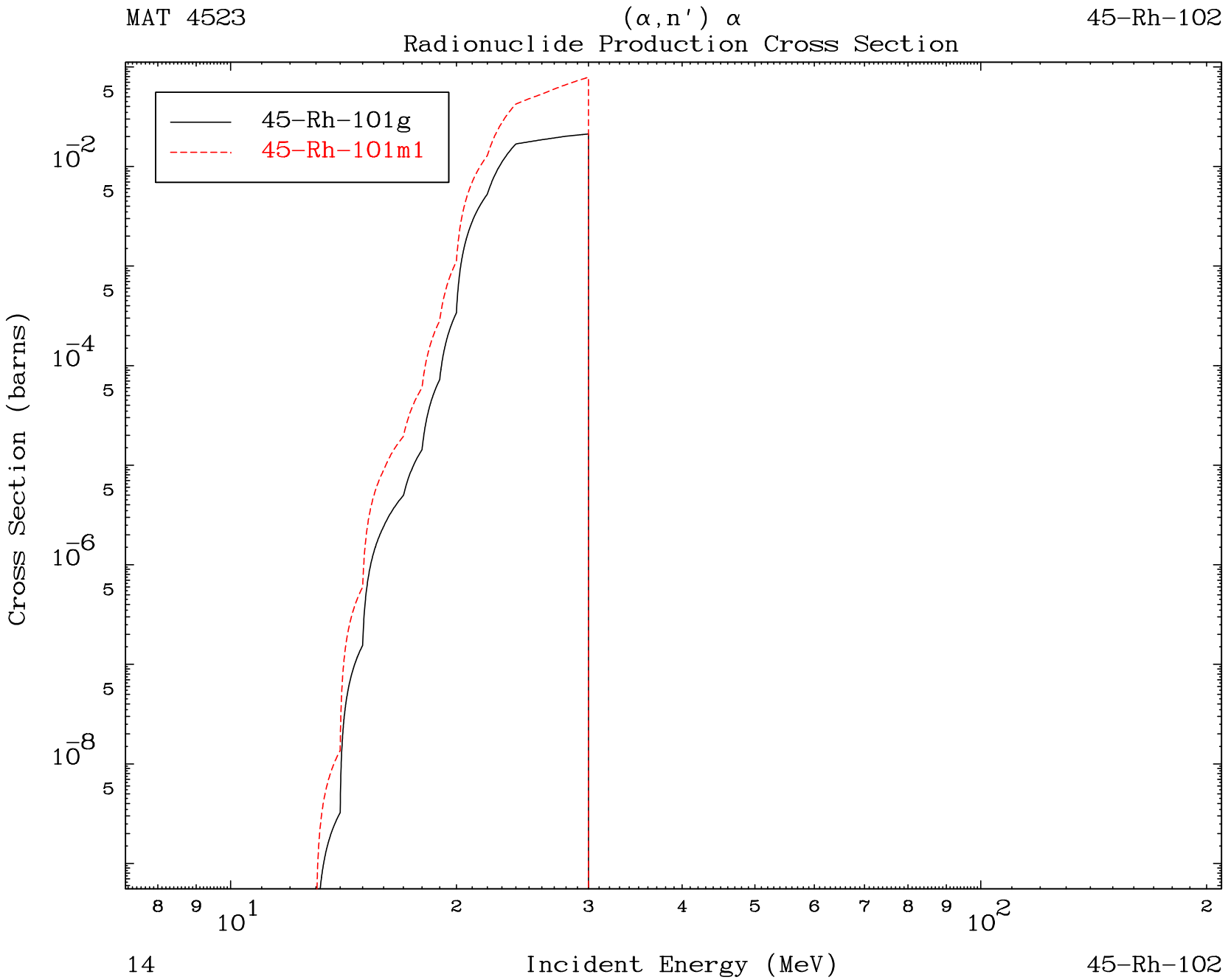

MAT 4523
(α,He3) Levels
45-Rh-102
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
9
45-Rh-102

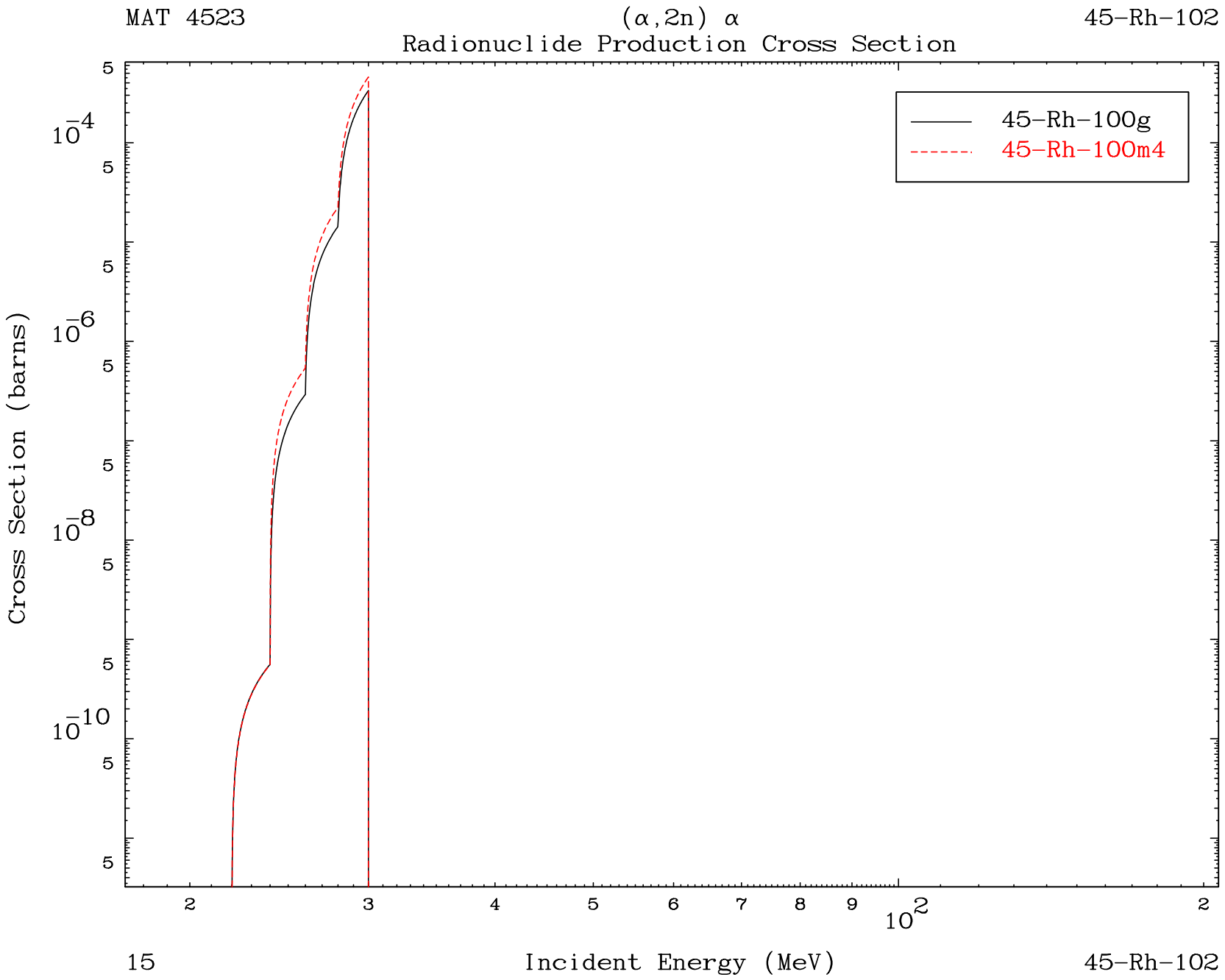

MAT 4523
(α,α) Levels
45-Rh-102
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
45-Rh-102

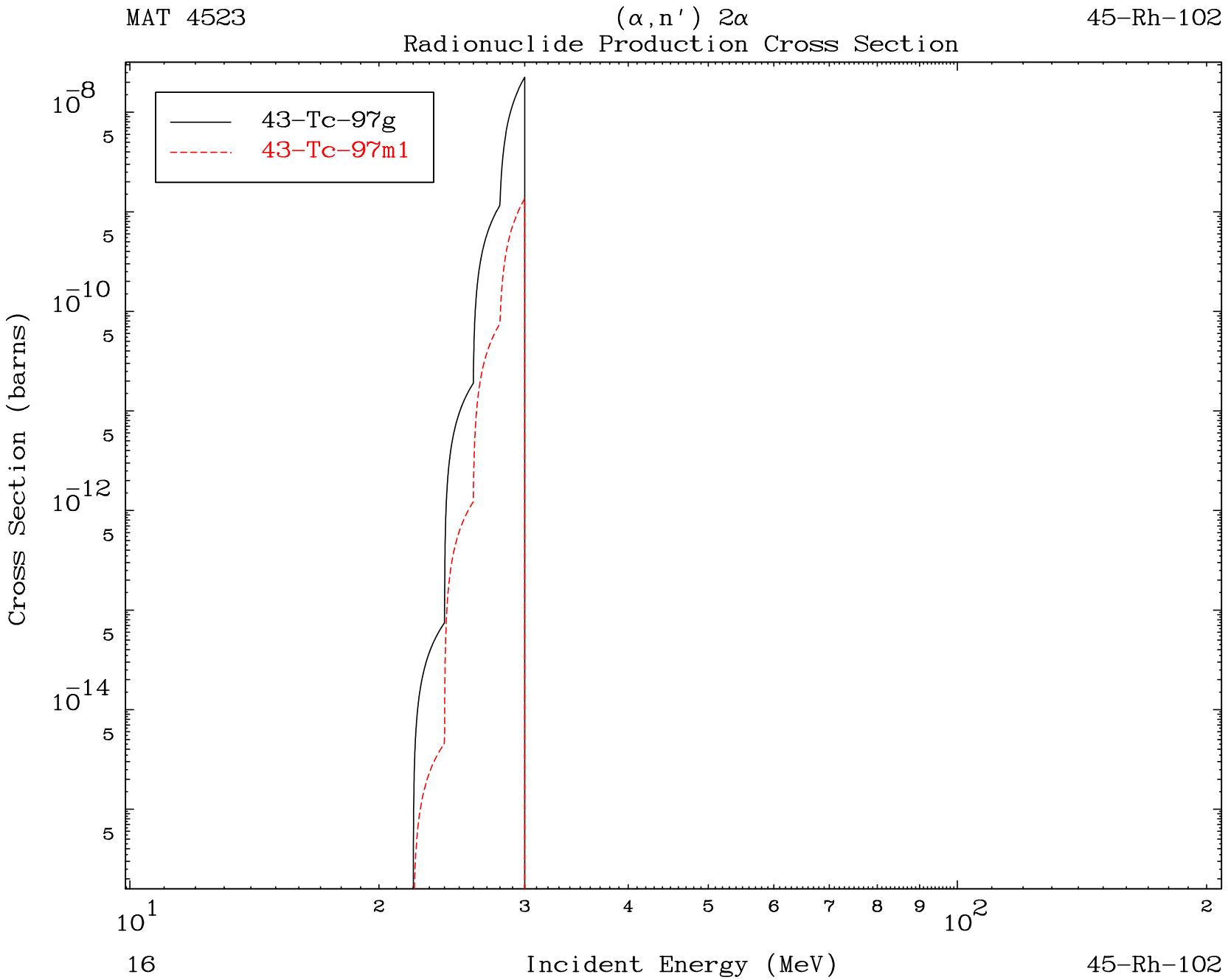

MAT 4523
α Inelastic
45-Rh-102
Radionuclide Production Cross Section
47-Ag-105g
47-Ag-105m1
Cross Section (barns)
Incident Energy (MeV)
11
45-Rh-102

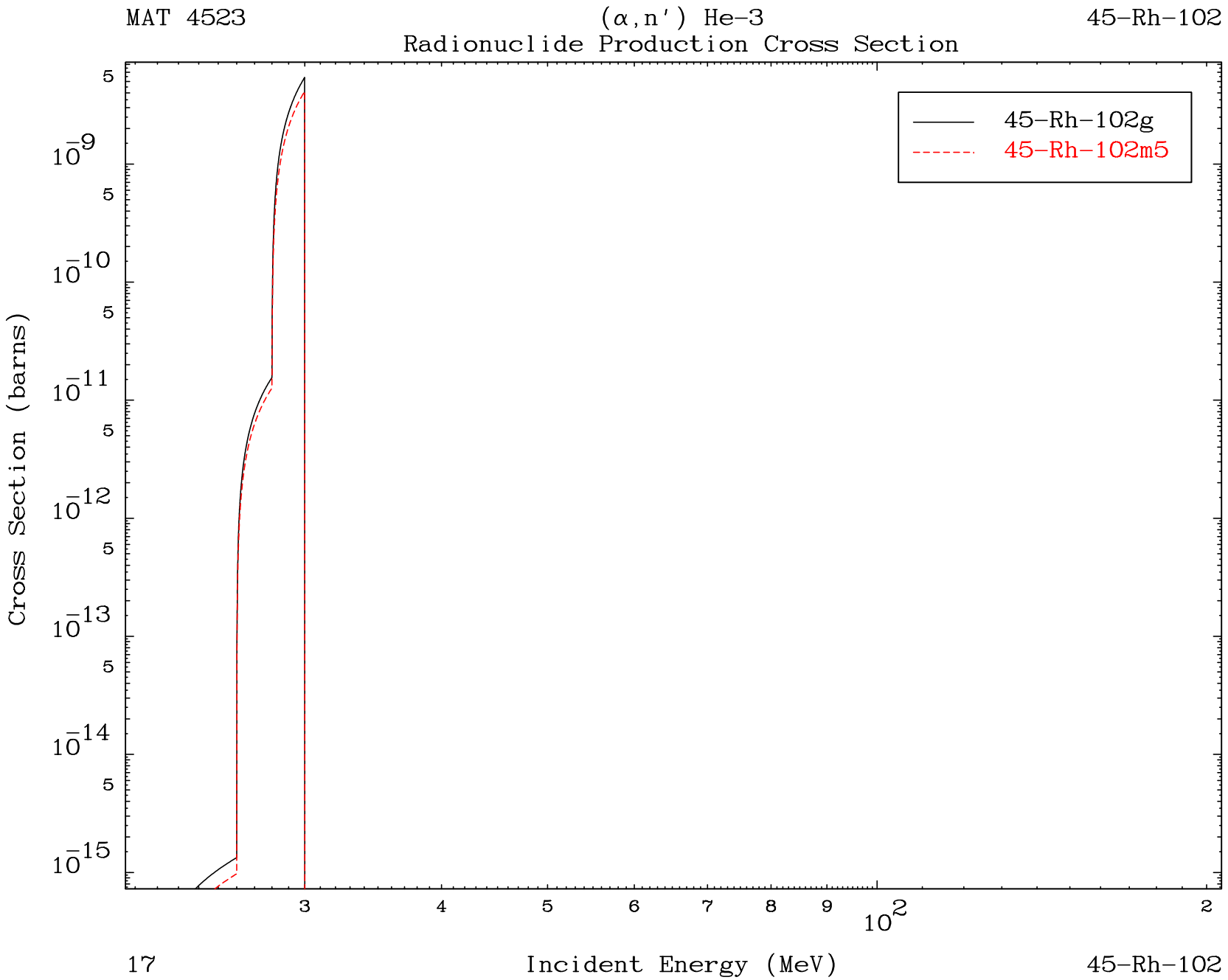

MAT 4523
(α,2n)
45-Rh-102
Radionuclide Production Cross Section
47-Ag-104g
47-Ag-104m1
Cross Section (barns)
Incident Energy (MeV)
12
45-Rh-102

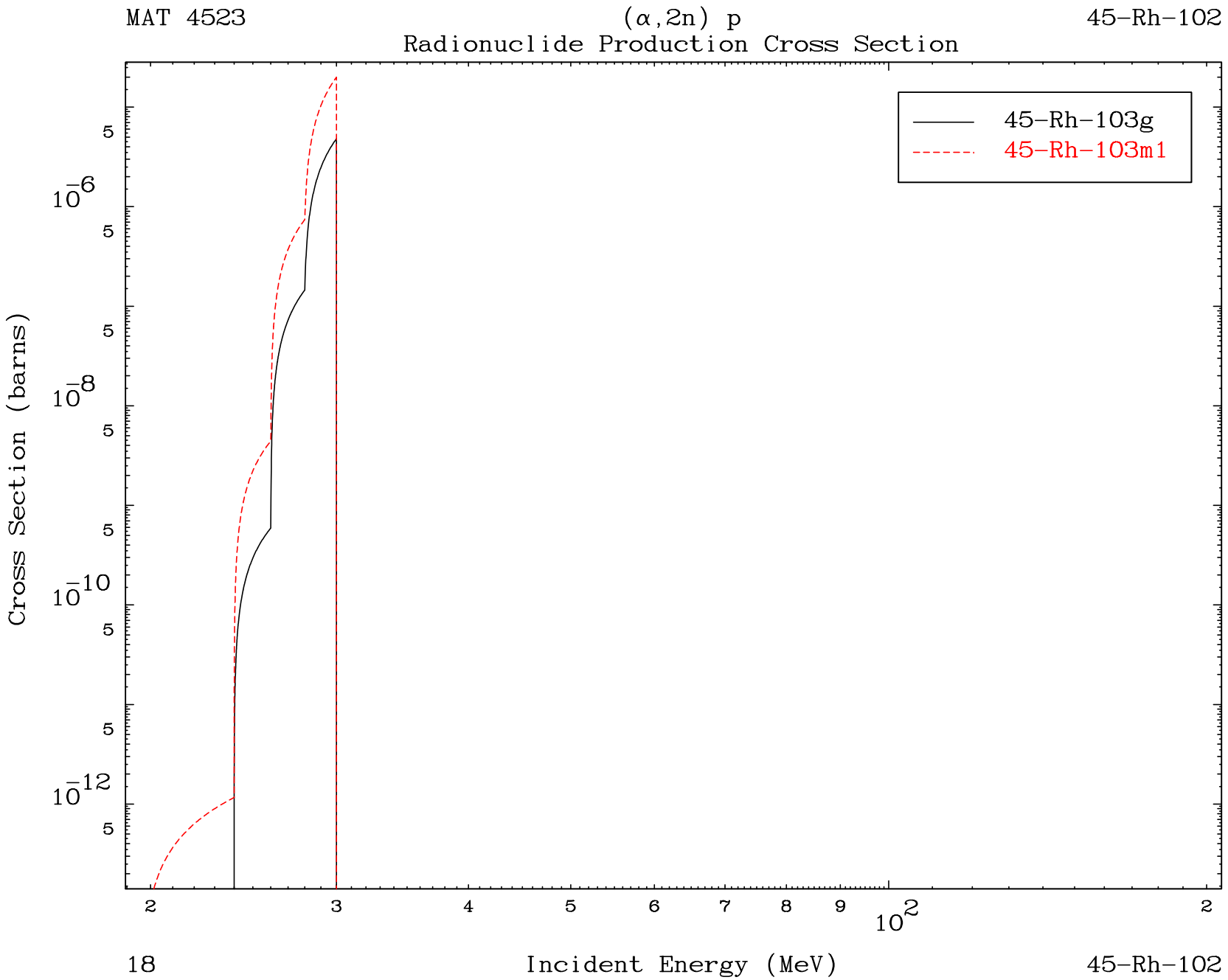

MAT 4523
(α,3n)
45-Rh-102
Radionuclide Production Cross Section
47-Ag-103g
47-Ag-103m2
Cross Section (barns)
Incident Energy (MeV)
13
45-Rh-102

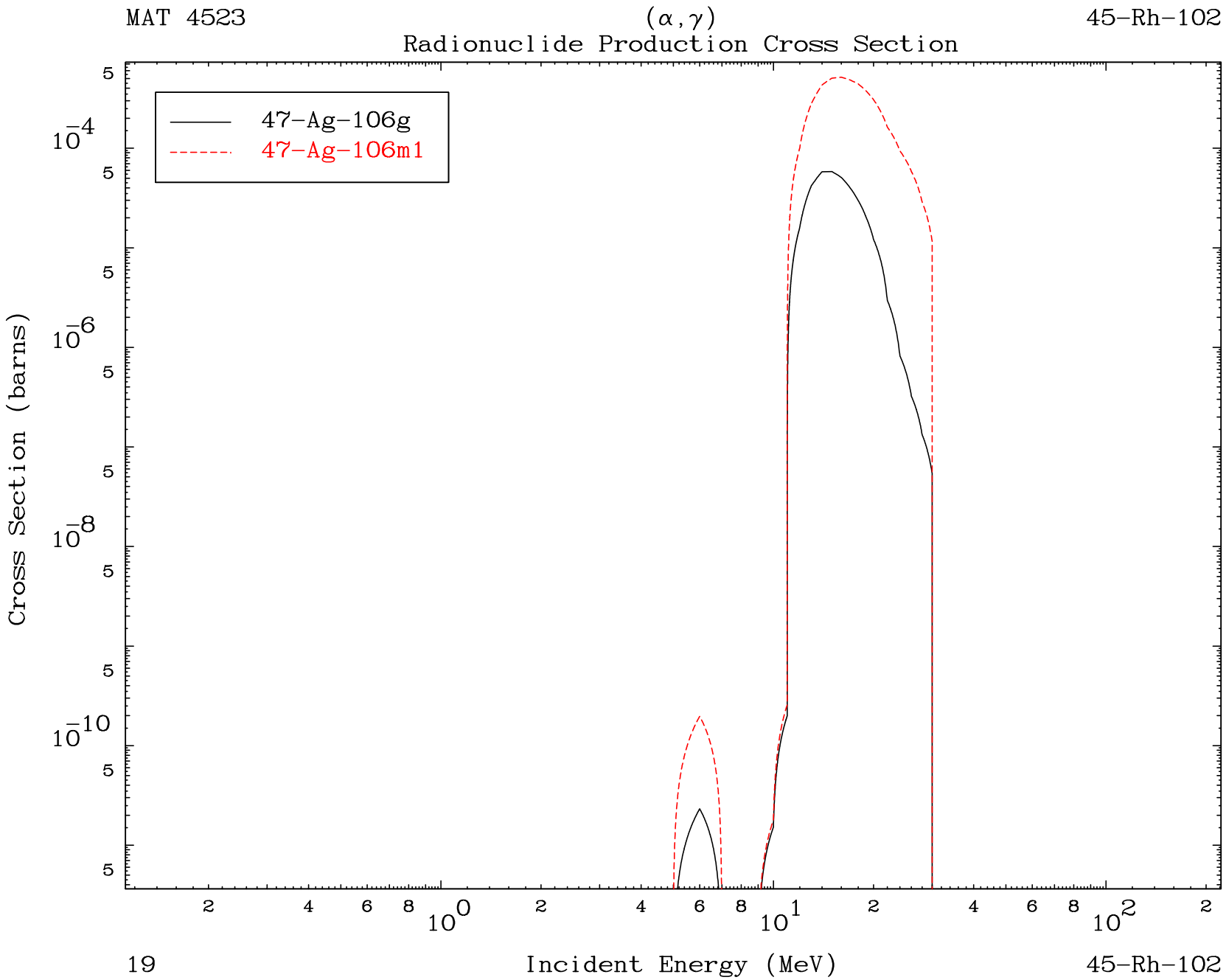

MAT 4523
(α,n') α
45-Rh-102
Radionuclide Production Cross Section
45-Rh-101g
45-Rh-101m1
Cross Section (barns)
Incident Energy (MeV)
14
45-Rh-102

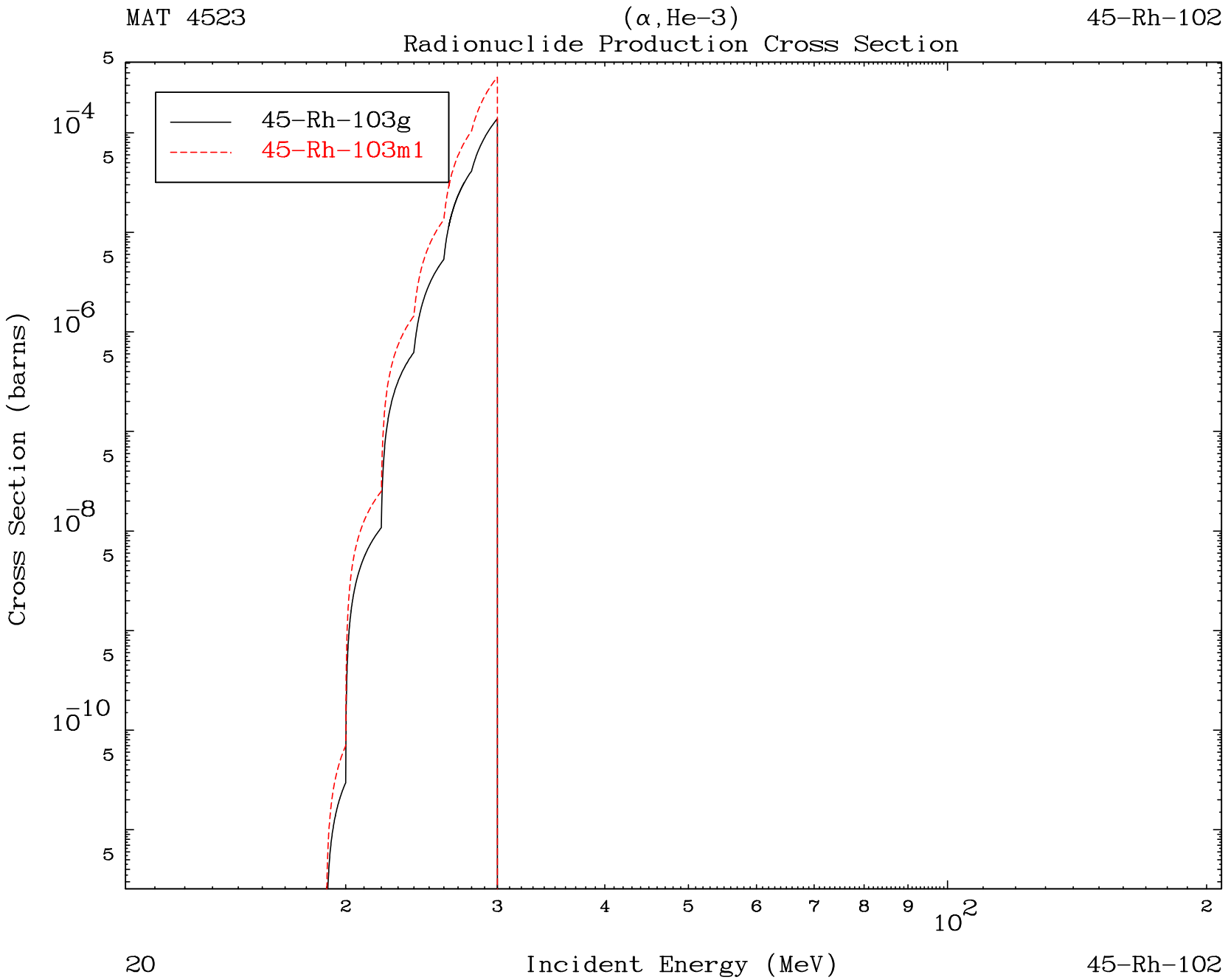

MAT 4523
(α,2n) α
45-Rh-102
Radionuclide Production Cross Section
45-Rh-100g
45-Rh-100m4
Cross Section (barns)
Incident Energy (MeV)
15
45-Rh-102

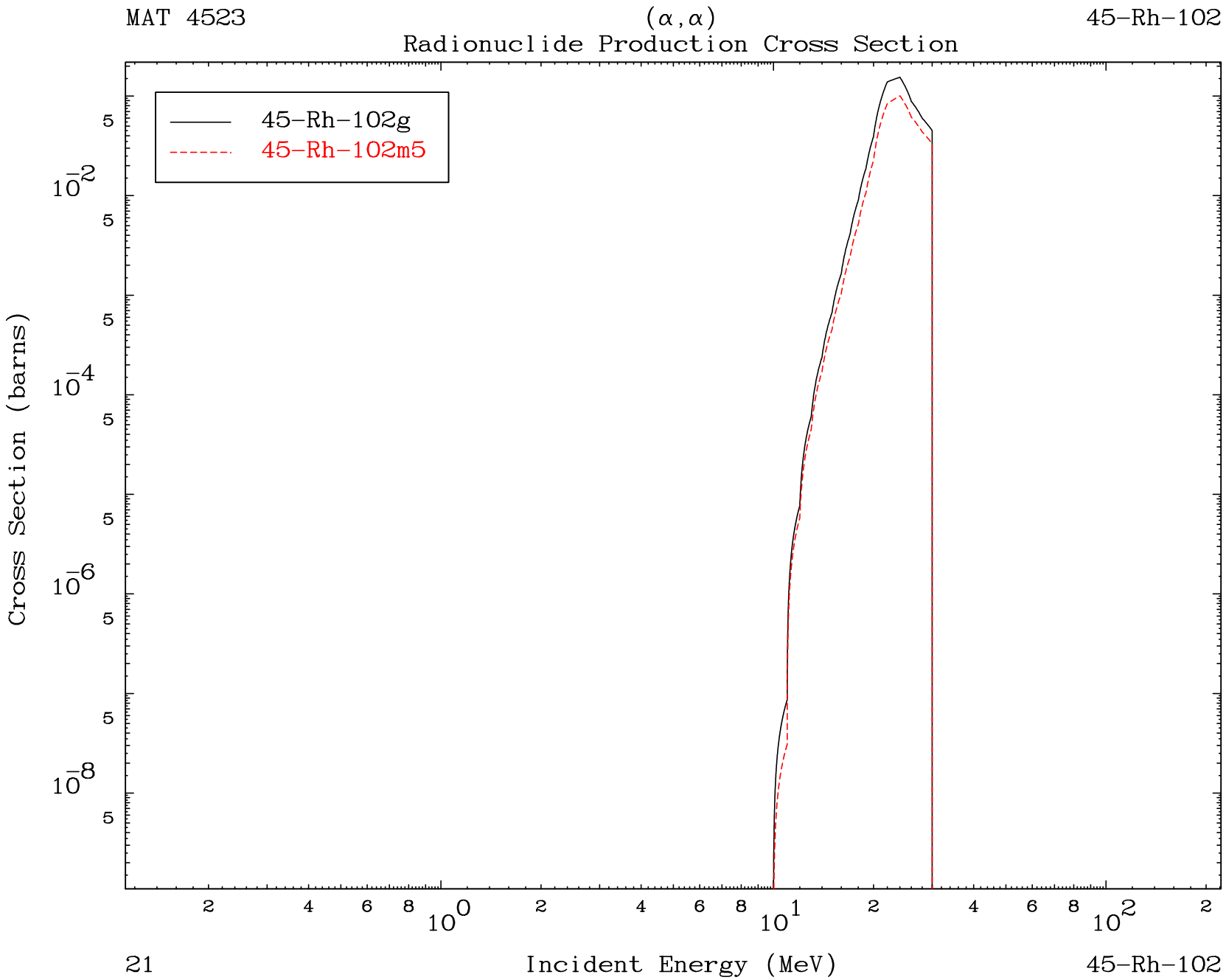

MAT 4523
(α,n') 2α
45-Rh-102
Radionuclide Production Cross Section
43-Tc-97g
43-Tc-97m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
10^1
2
3
4
5
6
7
8
9
10^2
2
16
Incident Energy (MeV)
45-Rh-102

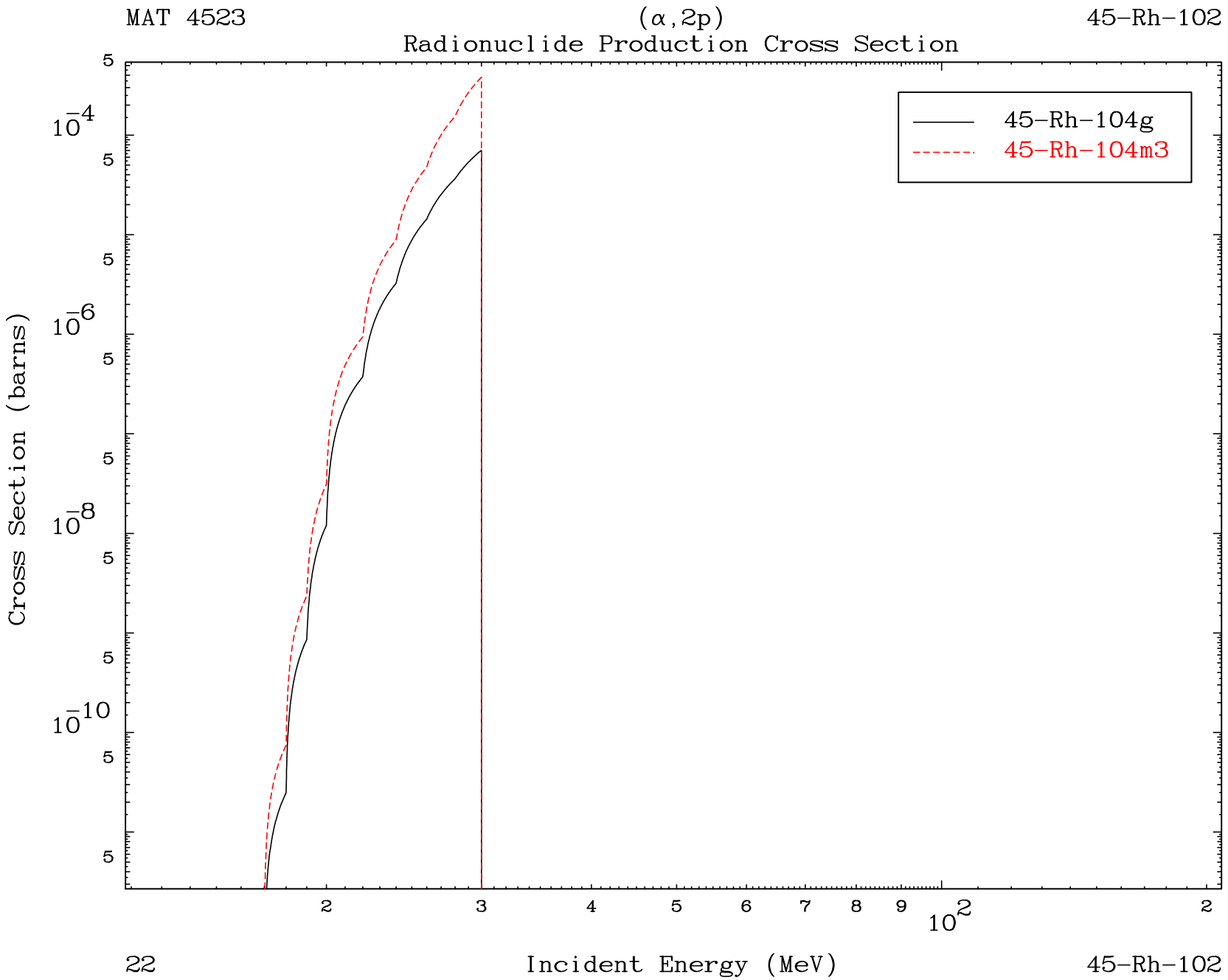

MAT 4523
(α,n') He-3
45-Rh-102
Radionuclide Production Cross Section
45-Rh-102g
45-Rh-102m5
Cross Section (barns)
10-9
10-10
10-11
10-12
10-13
10-14
10-15
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
45-Rh-102

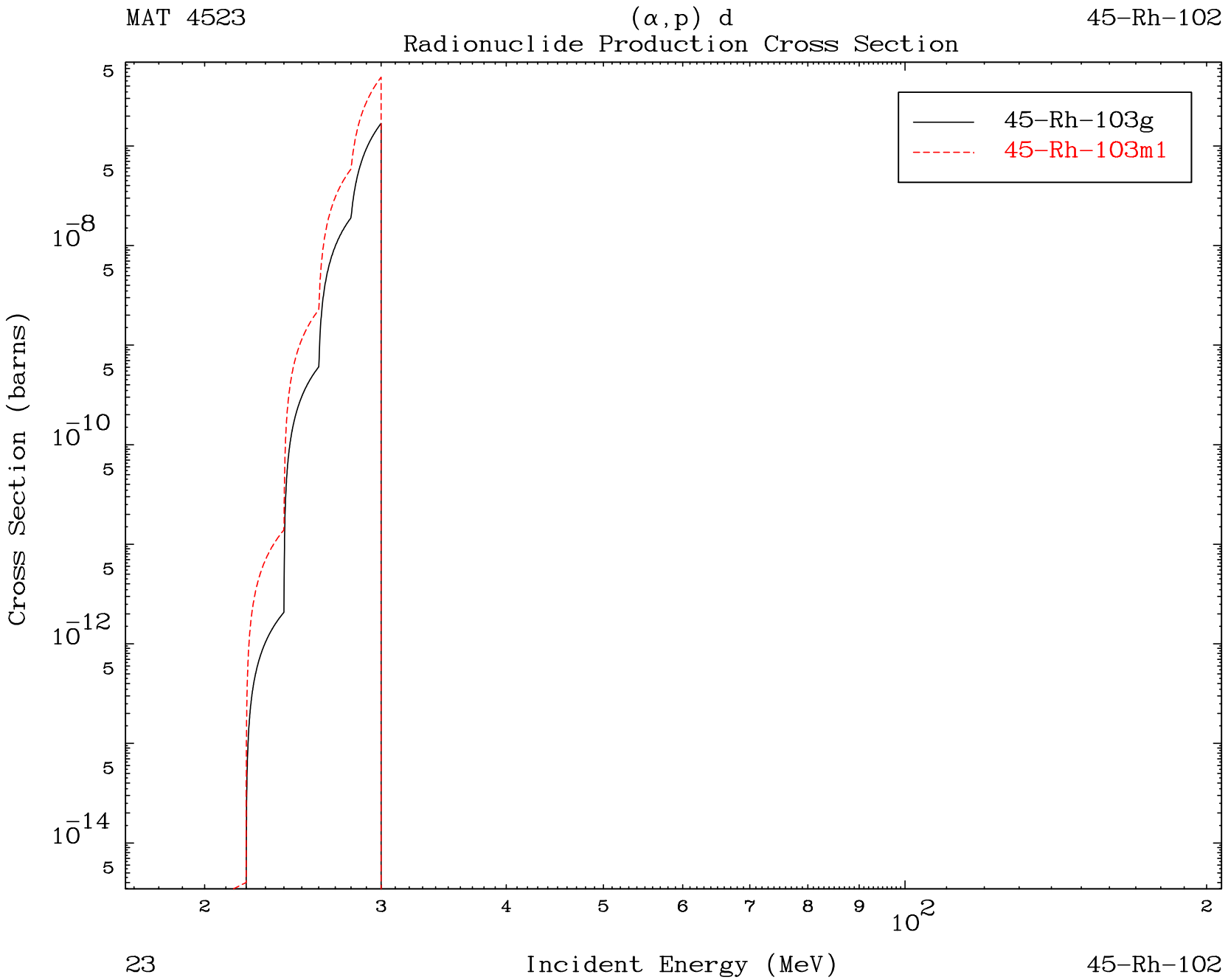

MAT 4523
(α,2n) p
45-Rh-102
Radionuclide Production Cross Section
45-Rh-103g
45-Rh-103m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
18
Incident Energy (MeV)
45-Rh-102

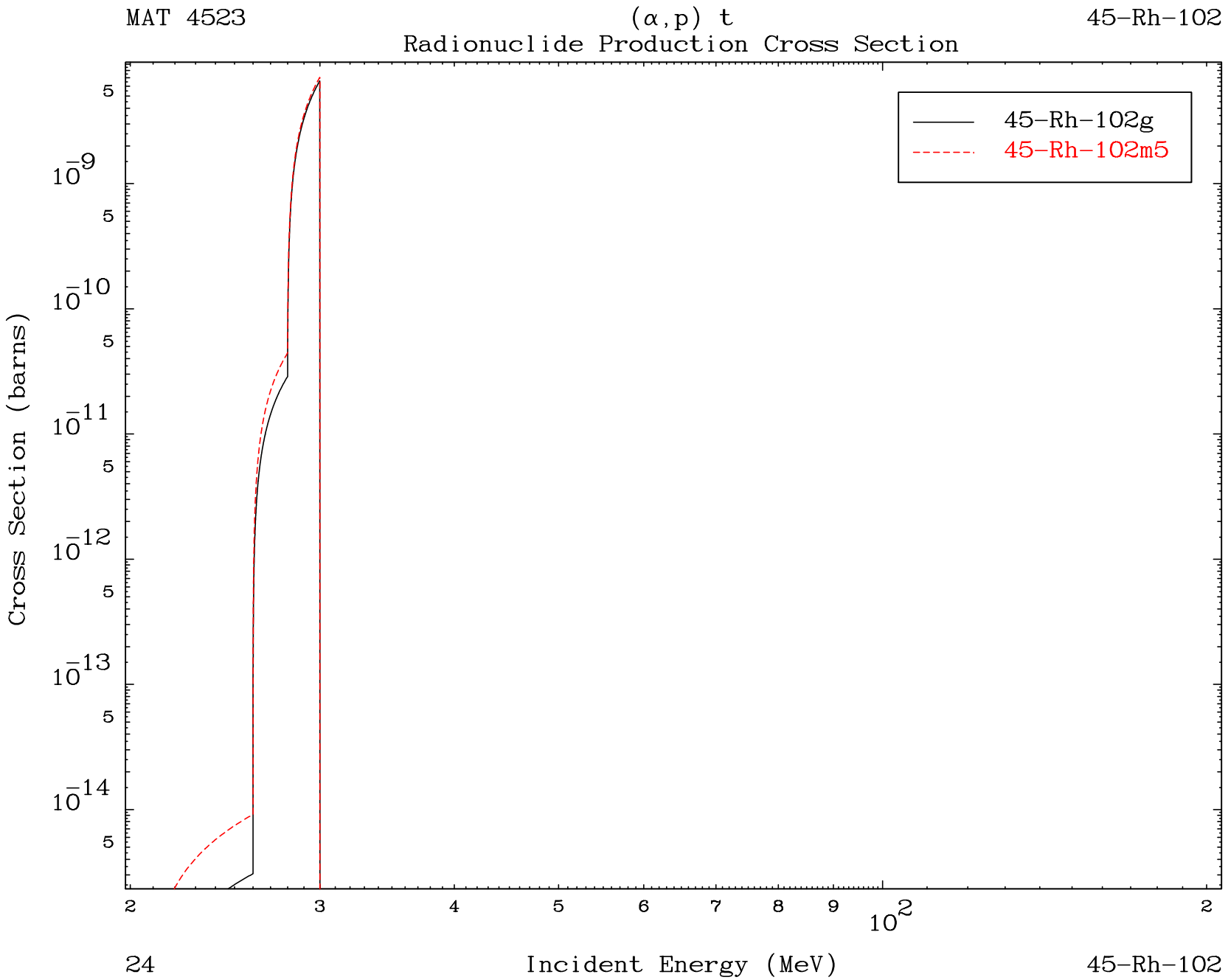

MAT 4523
(α,γ)
45-Rh-102
Radionuclide Production Cross Section
47-Ag-106g
47-Ag-106m1
Cross Section (barns)
Incident Energy (MeV)
19
45-Rh-102


MAT 4523
(α,He-3)
45-Rh-102
Radionuclide Production Cross Section
45-Rh-103g
45-Rh-103m1
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-102


MAT 4523
(α,α)
45-Rh-102
Radionuclide Production Cross Section
45-Rh-102g
45-Rh-102m5
Cross Section (barns)
Incident Energy (MeV)
21
45-Rh-102


MAT 4523
(α,2p)
45-Rh-102
Radionuclide Production Cross Section
45-Rh-104g
45-Rh-104m3
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
22
Incident Energy (MeV)
45-Rh-102


MAT 4523
(α,p) d
45-Rh-102
Radionuclide Production Cross Section
45-Rh-103g
45-Rh-103m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
6
7
8
9
10^2
23
Incident Energy (MeV)
45-Rh-102


MAT 4523
(α,p) t
45-Rh-102
Radionuclide Production Cross Section
45-Rh-102g
45-Rh-102m5
Cross Section (barns)
10^-9
10^-10
10^-11
10^-12
10^-13
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
24
Incident Energy (MeV)
45-Rh-102