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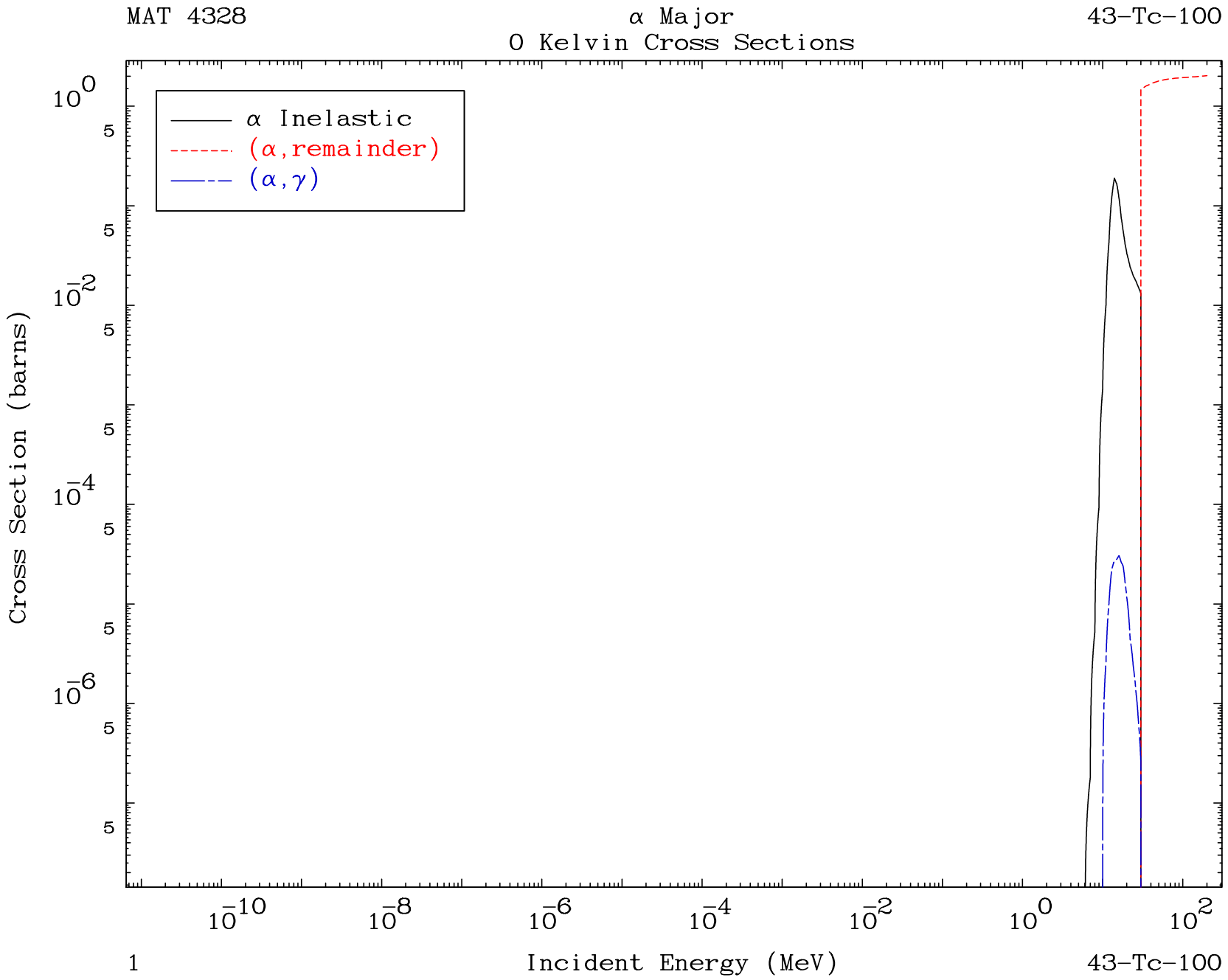
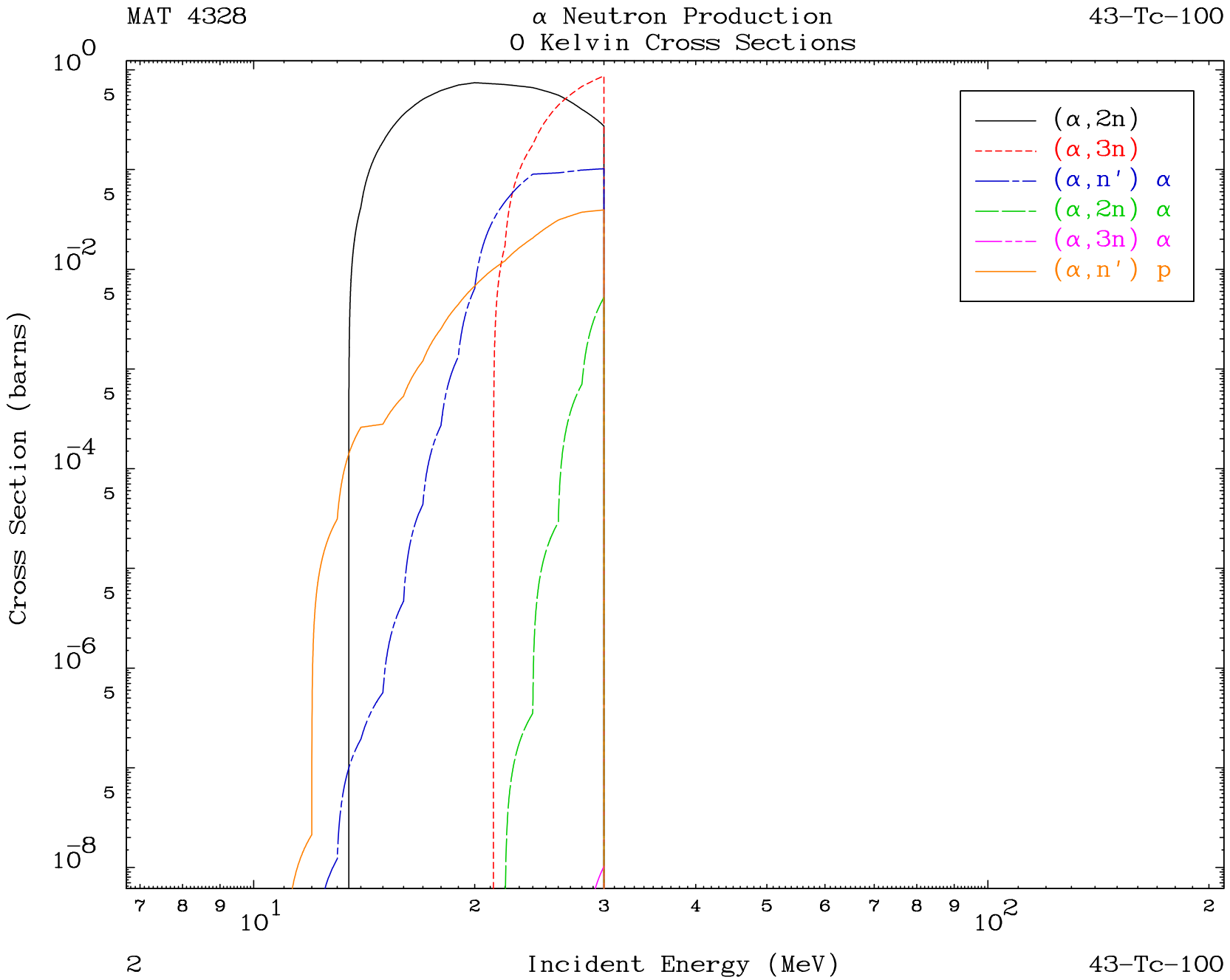
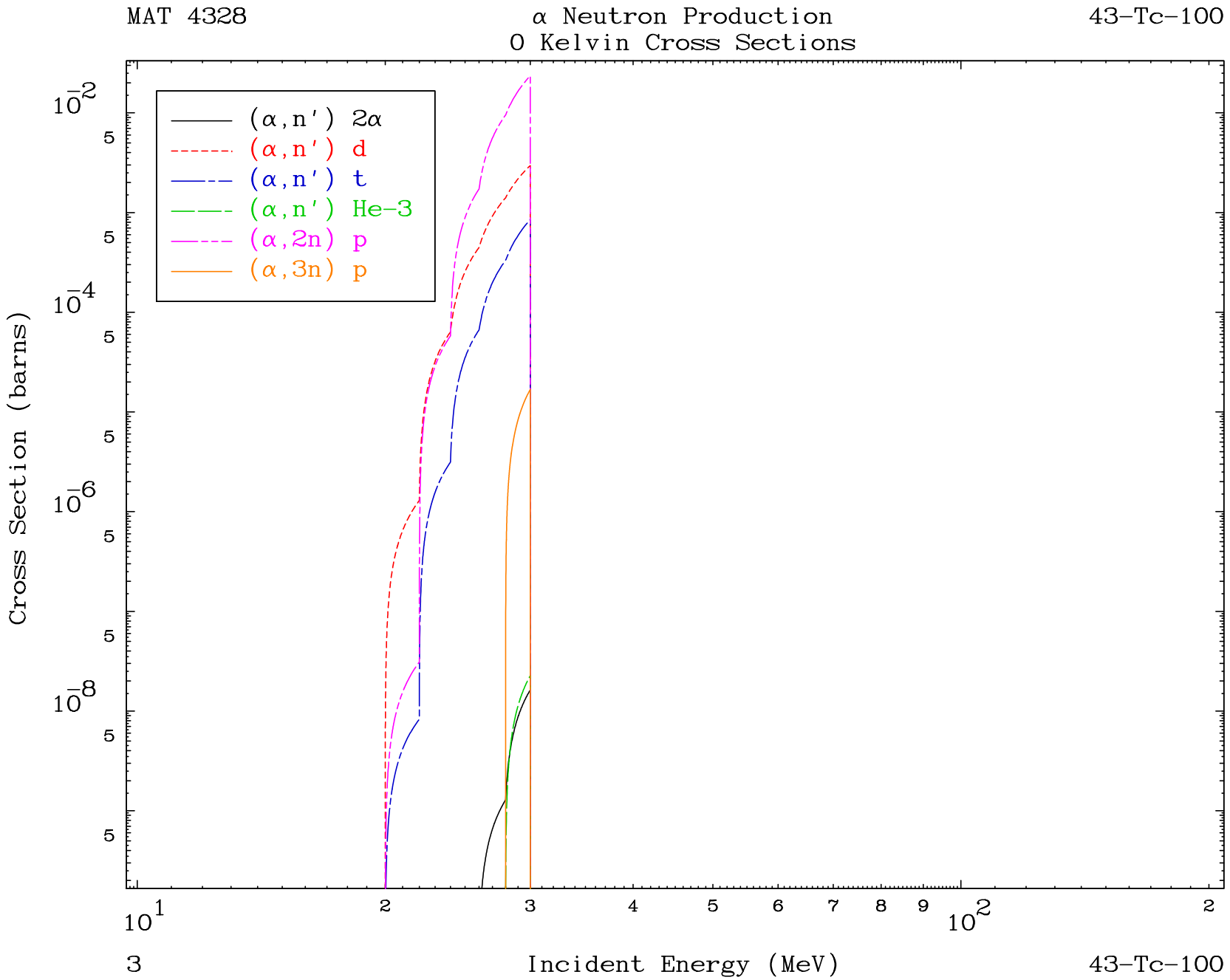
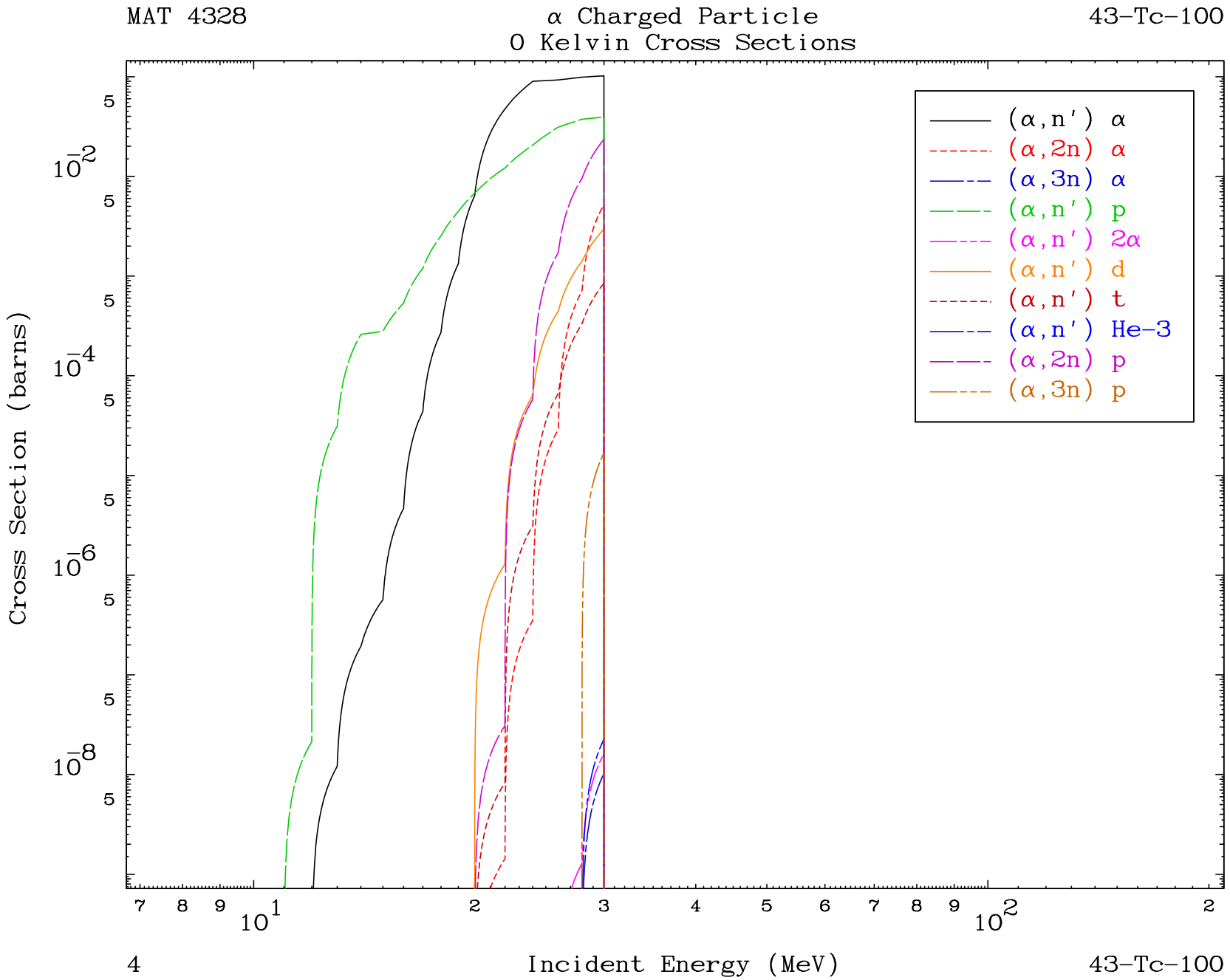
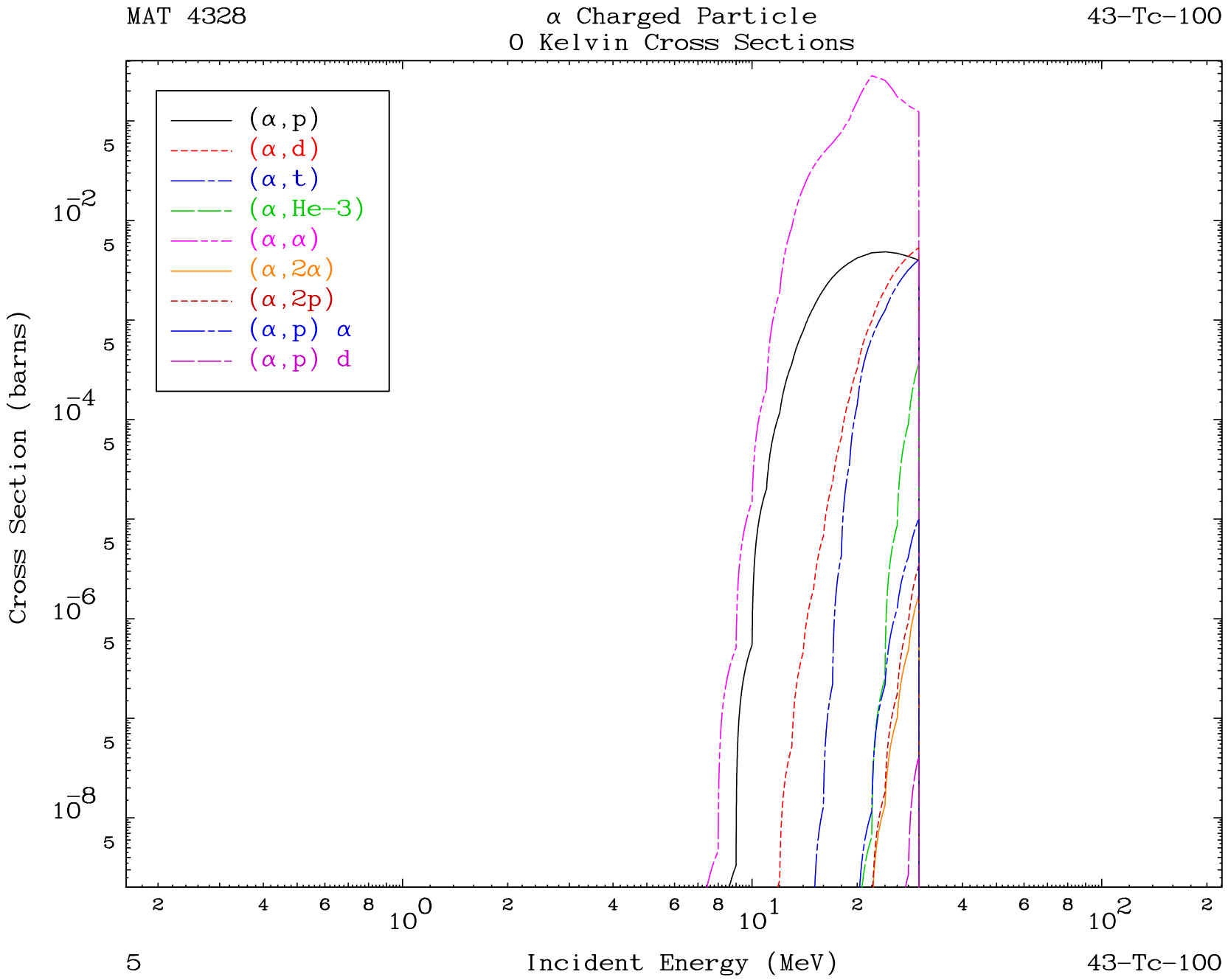
Press Mouse Button to Start

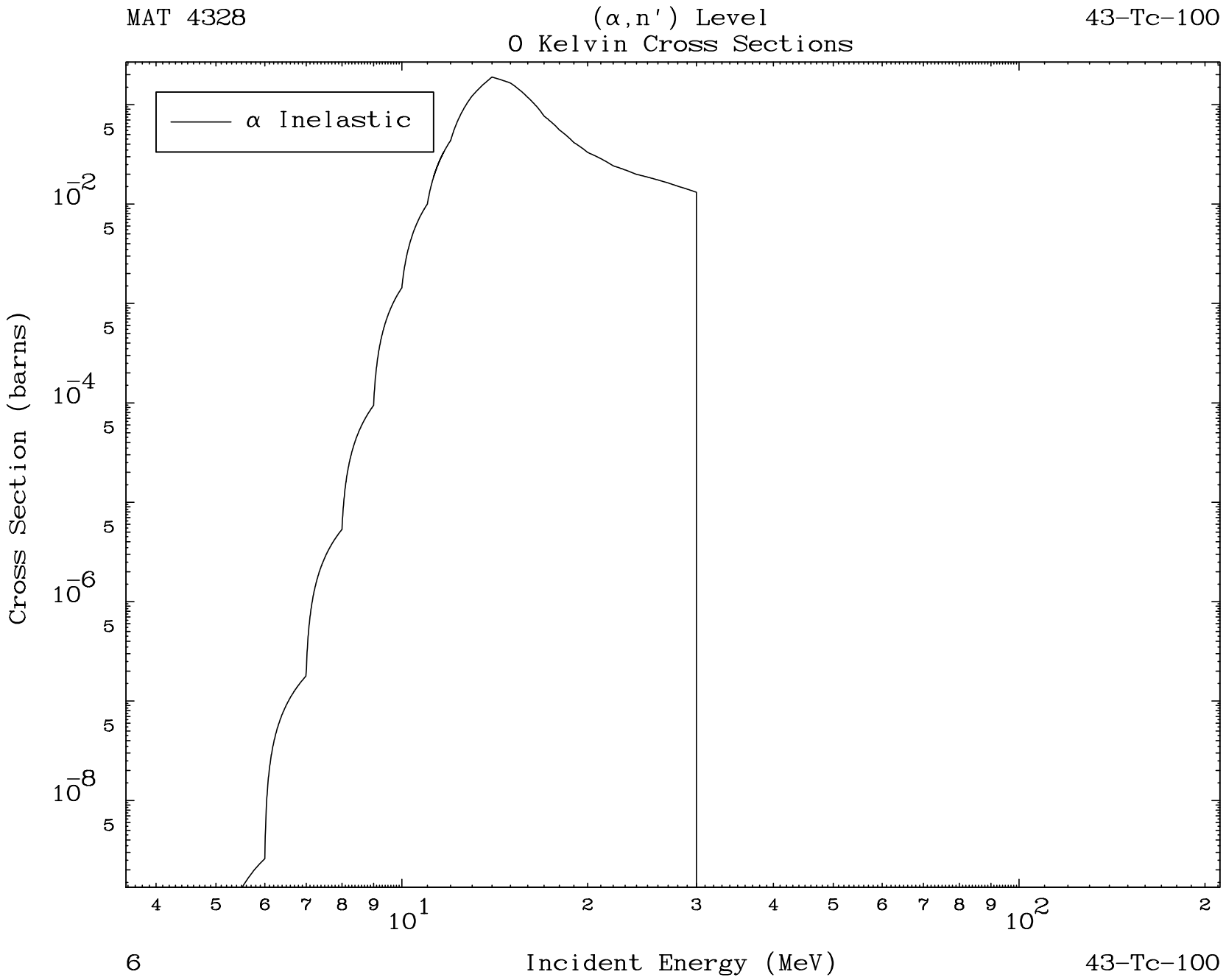

MAT 4328
α Major
43-Tc-100
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
43-Tc-100
1

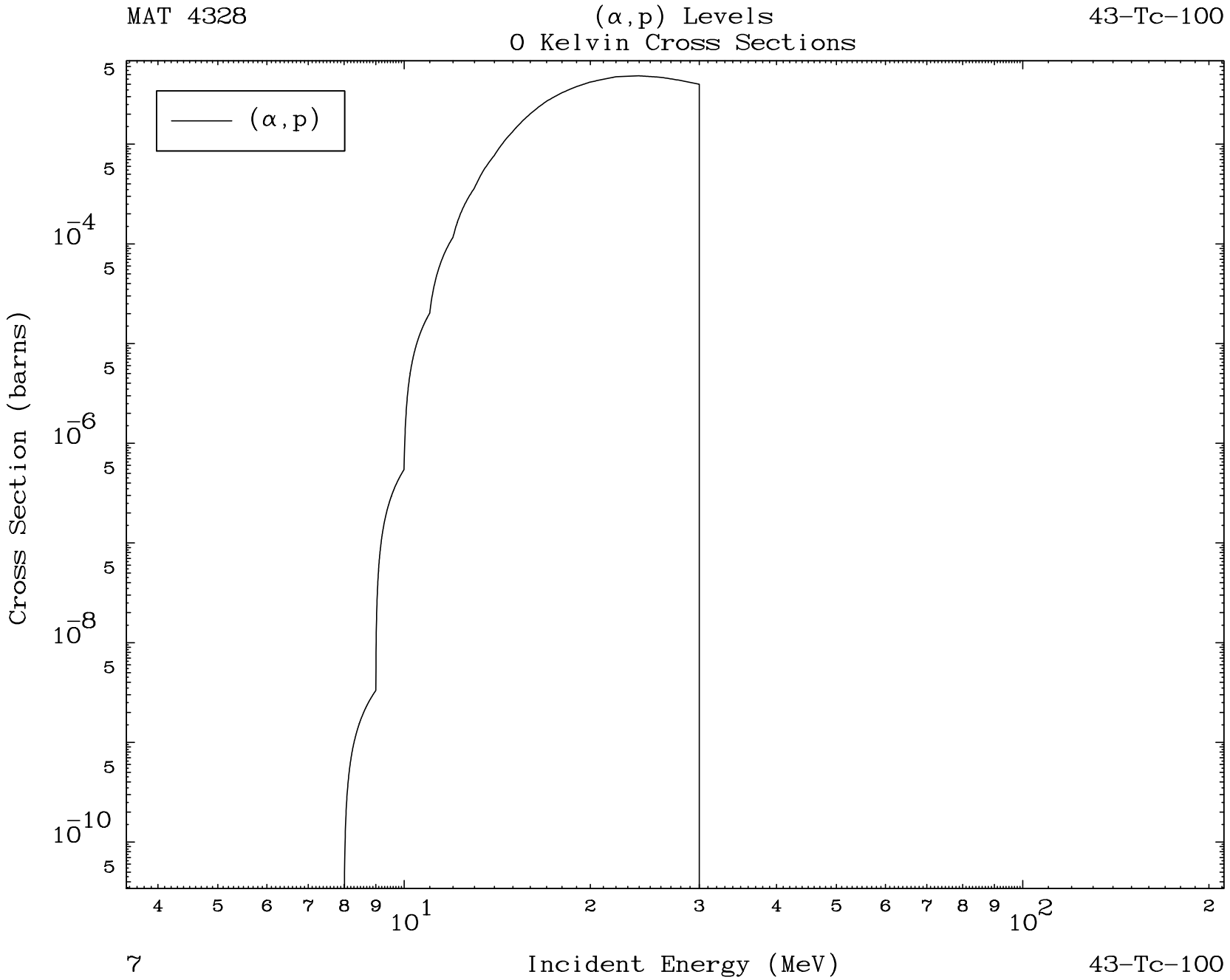

MAT 4328
α Neutron Production
0 Kelvin Cross Sections
43-Tc-100
Cross Section (barns)
Incident Energy (MeV)
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p


MAT 4328
α Neutron Production
0 Kelvin Cross Sections
43-Tc-100
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,3n) p
Cross Section (barns)
Incident Energy (MeV)
43-Tc-100

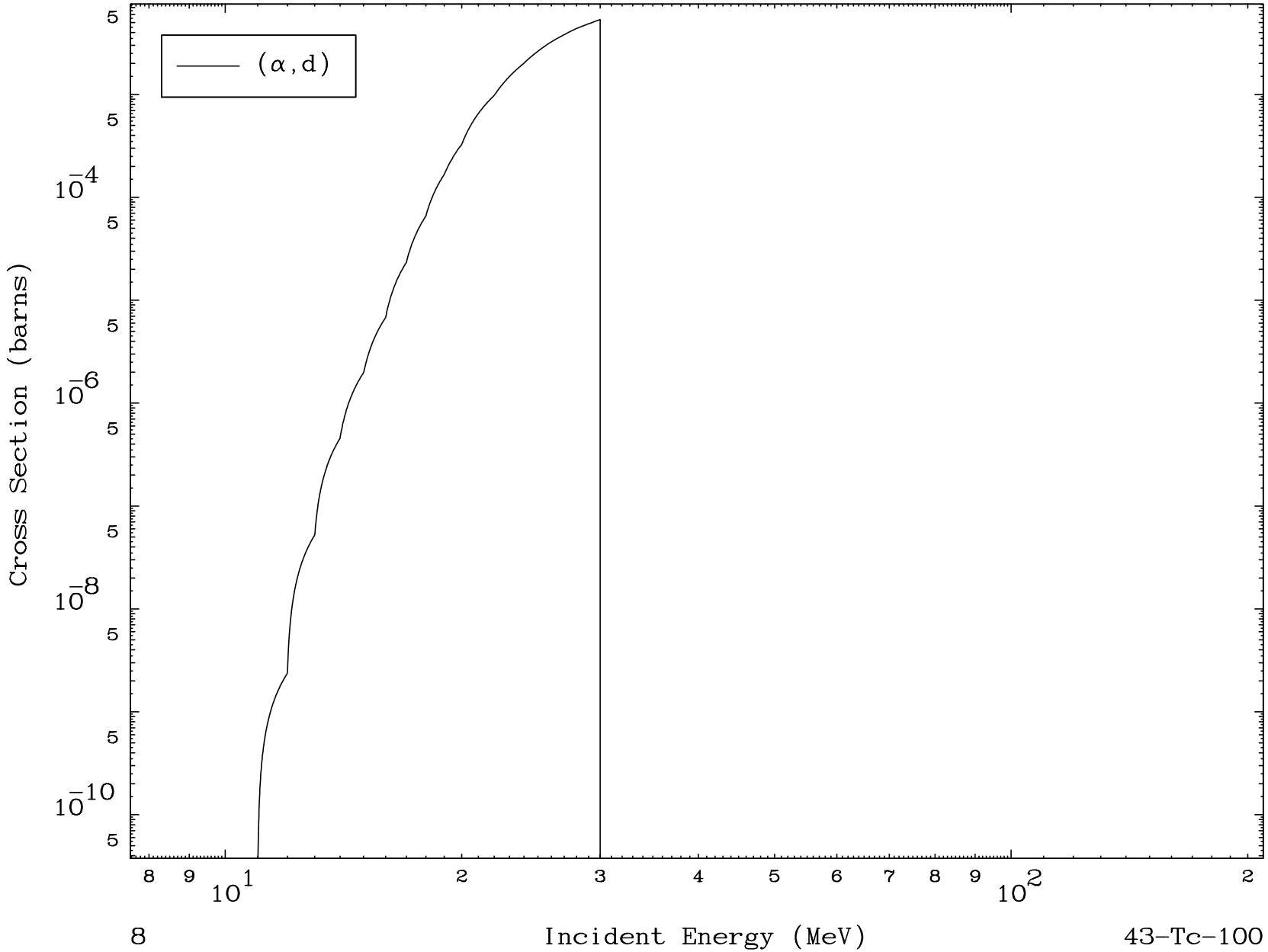

MAT 4328
α Charged Particle
0 Kelvin Cross Sections
43-Tc-100
Cross Section (barns)
Incident Energy (MeV)
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,3n) p
4
43-Tc-100

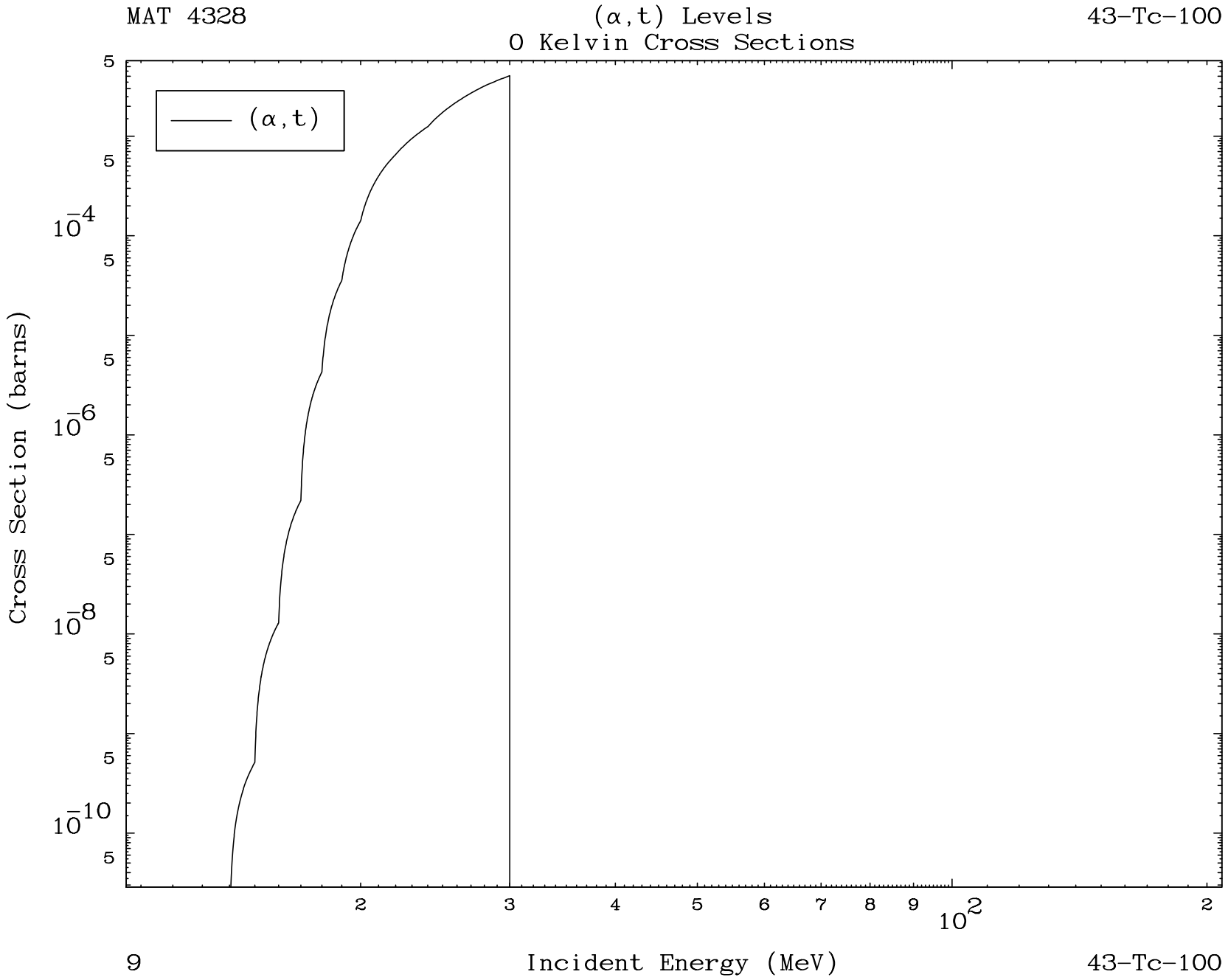

MAT 4328
α Charged Particle
0 Kelvin Cross Sections
43-Tc-100
(α,p)
(α,d)
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
Cross Section (barns)
Incident Energy (MeV)
43-Tc-100

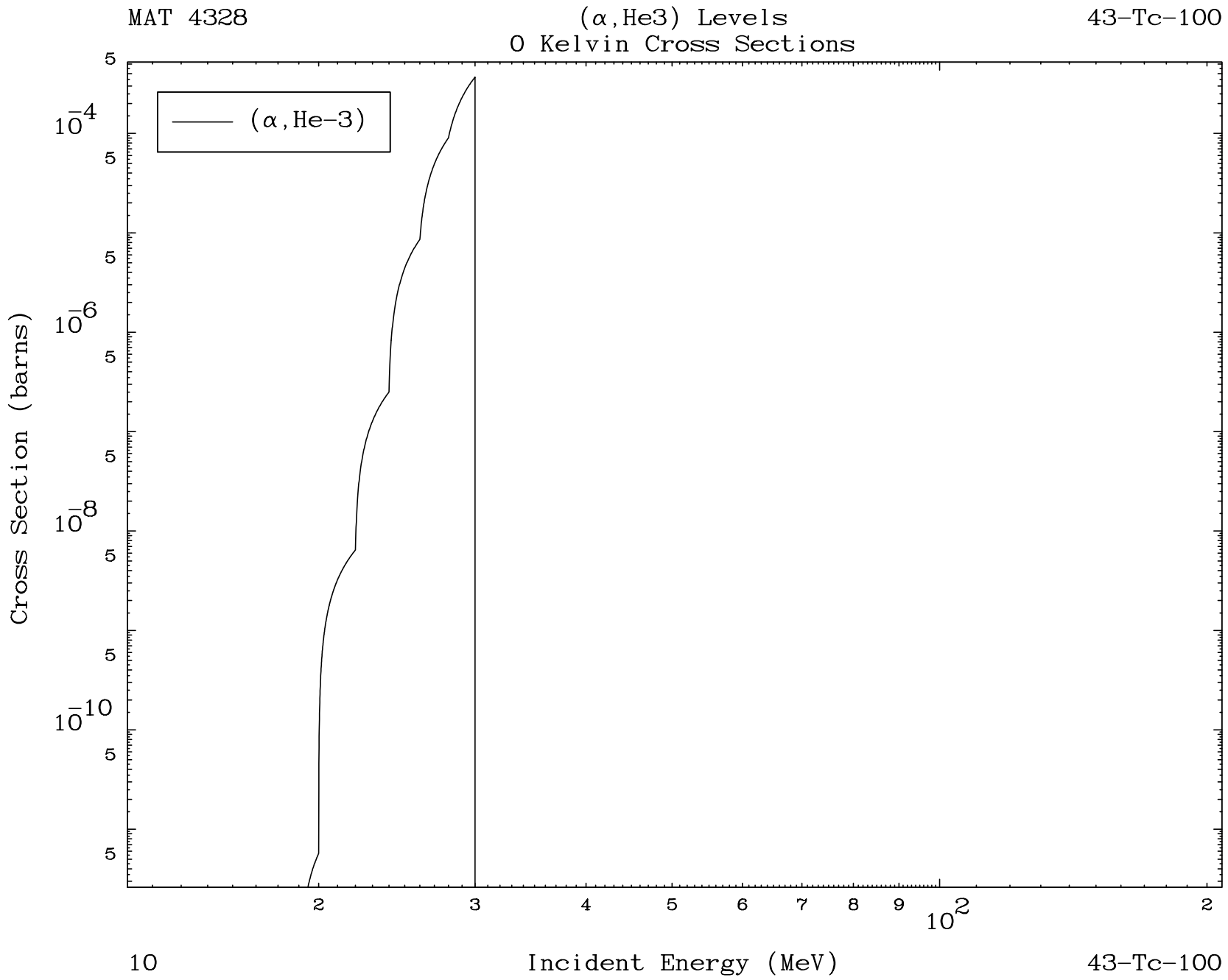

MAT 4328
(α,n') Level
43-Tc-100
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
6
43-Tc-100


MAT 4328
(α,p) Levels
43-Tc-100
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
43-Tc-100
7

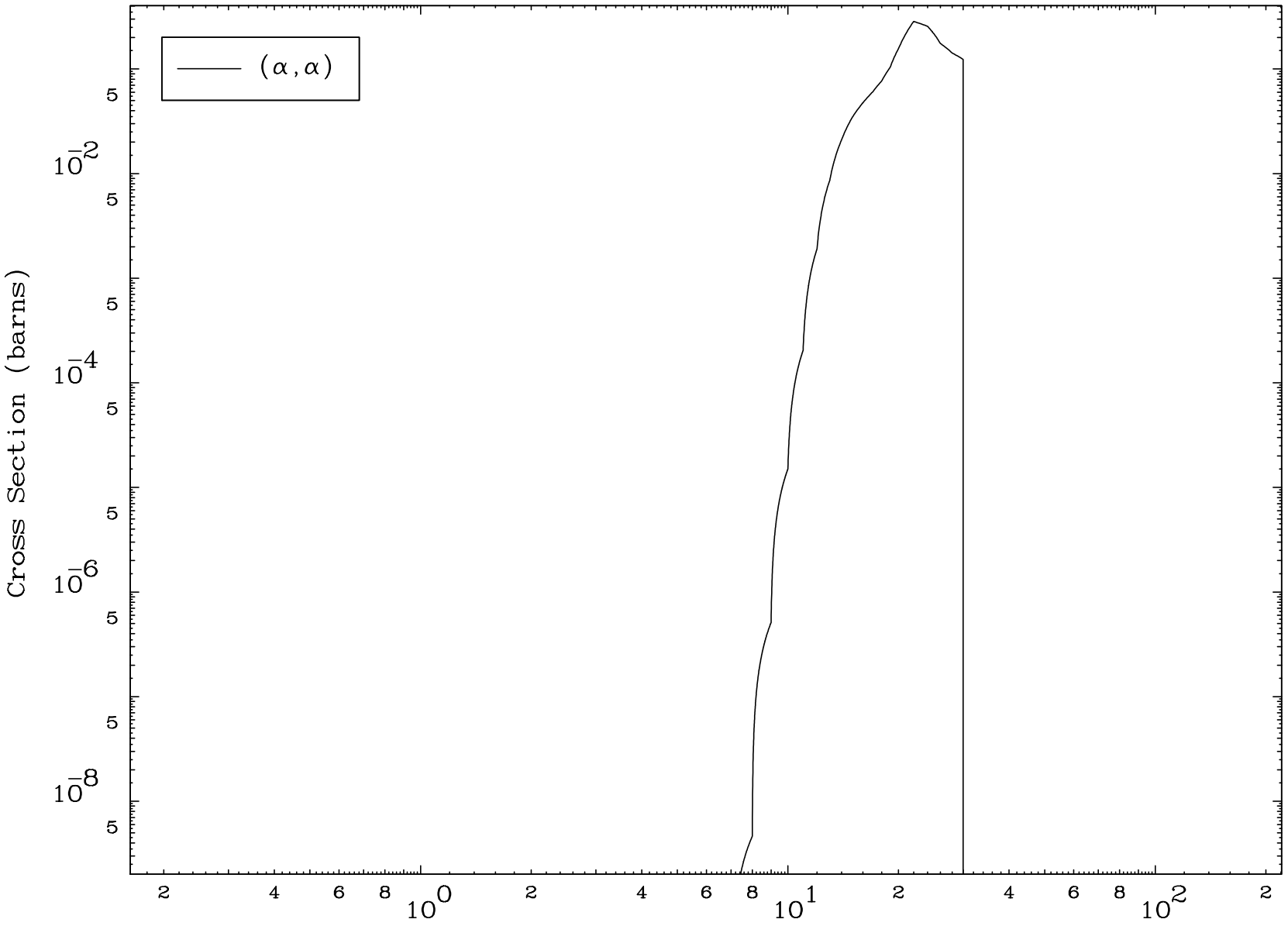
0 Kelvin Cross Sections

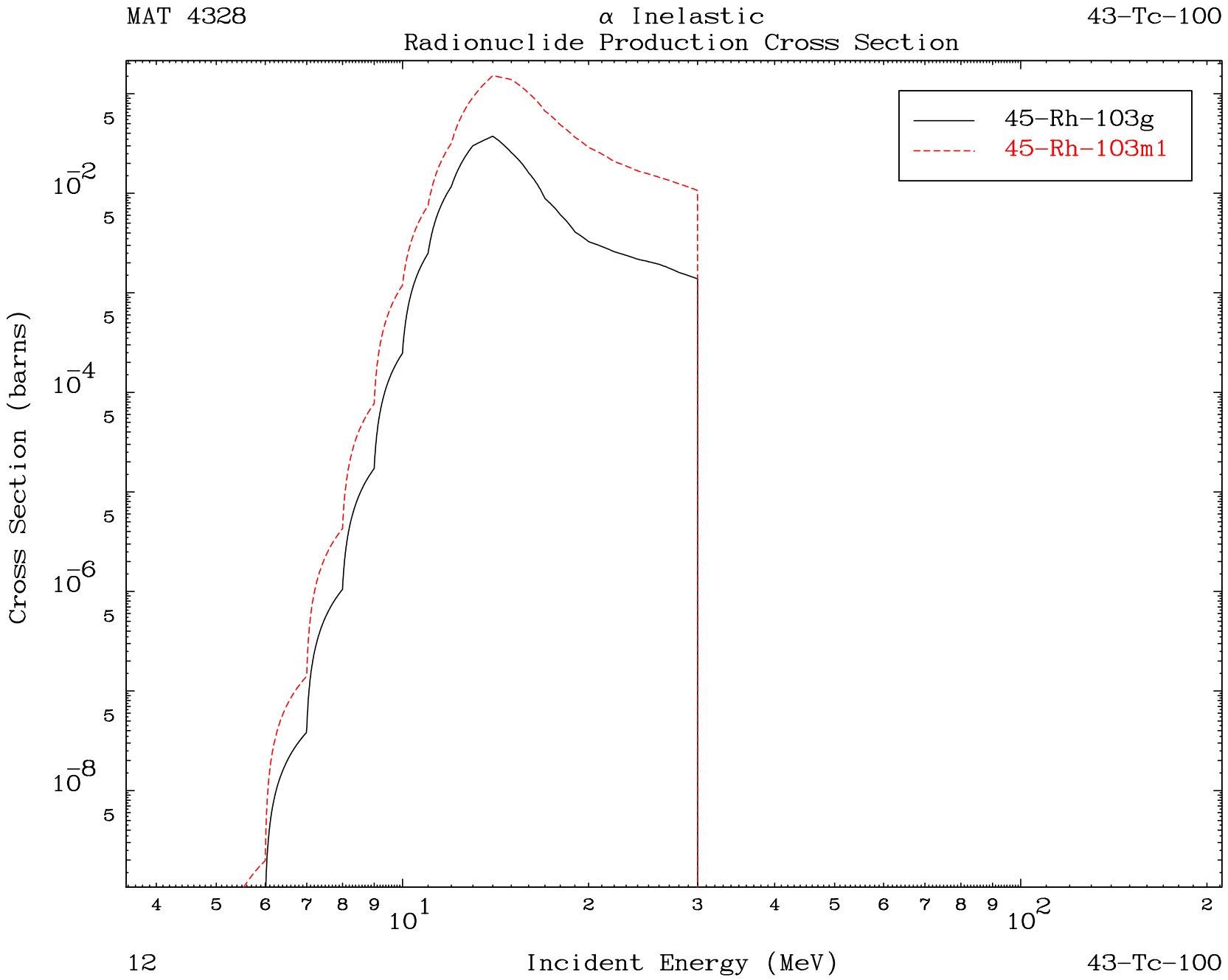


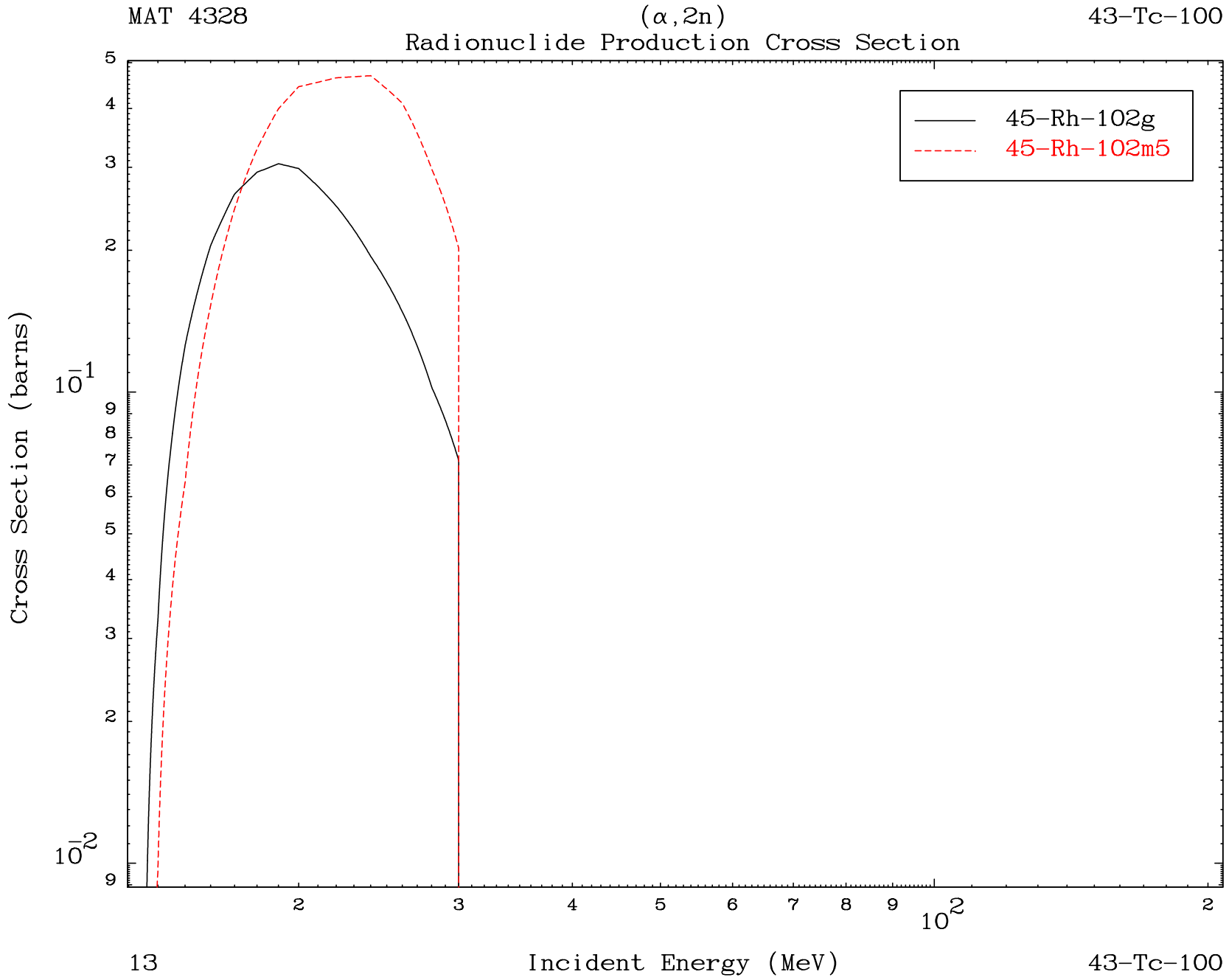

MAT 4328
(α,t) Levels
43-Tc-100
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
9
43-Tc-100

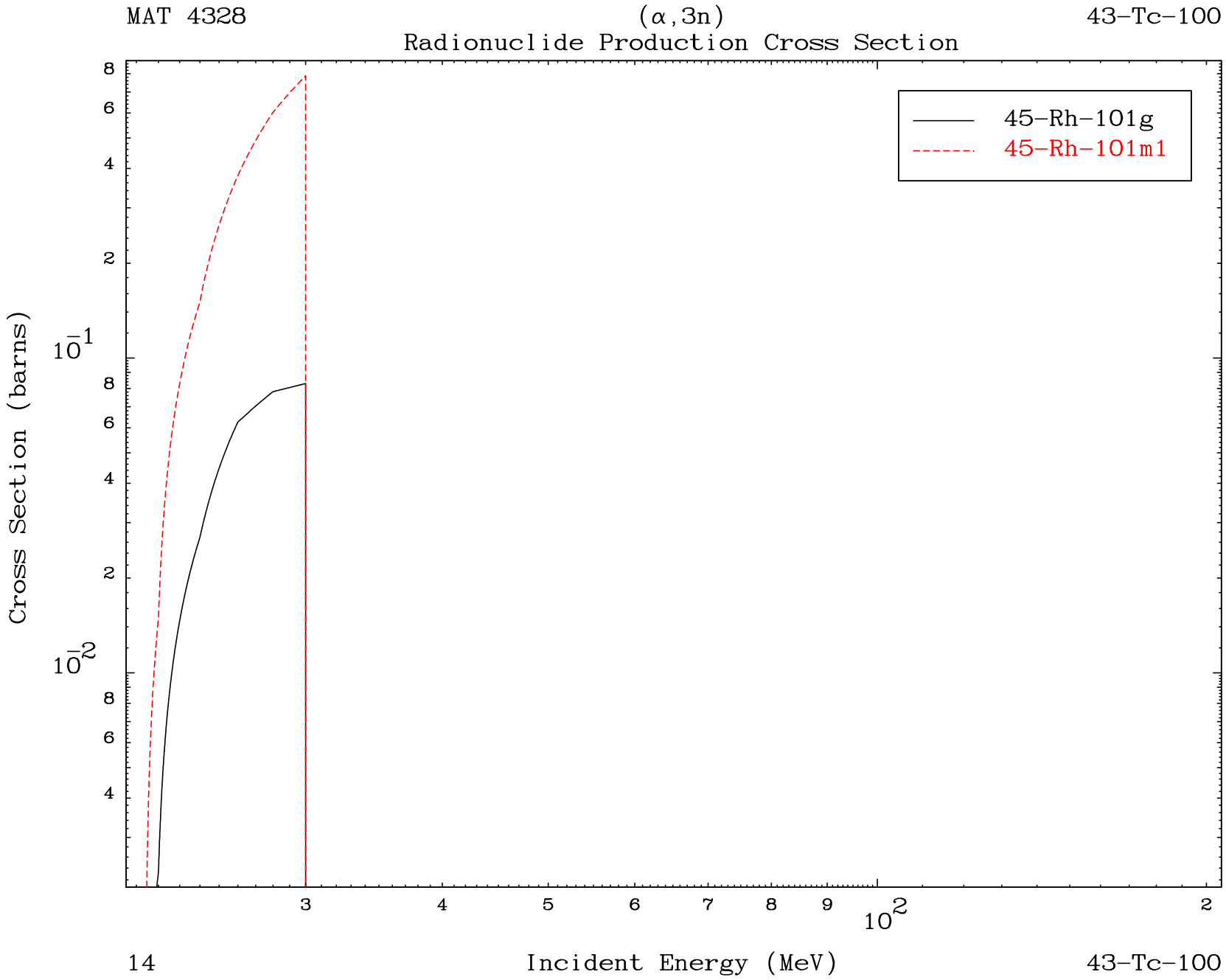

MAT 4328
(α,He3) Levels
43-Tc-100
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
43-Tc-100

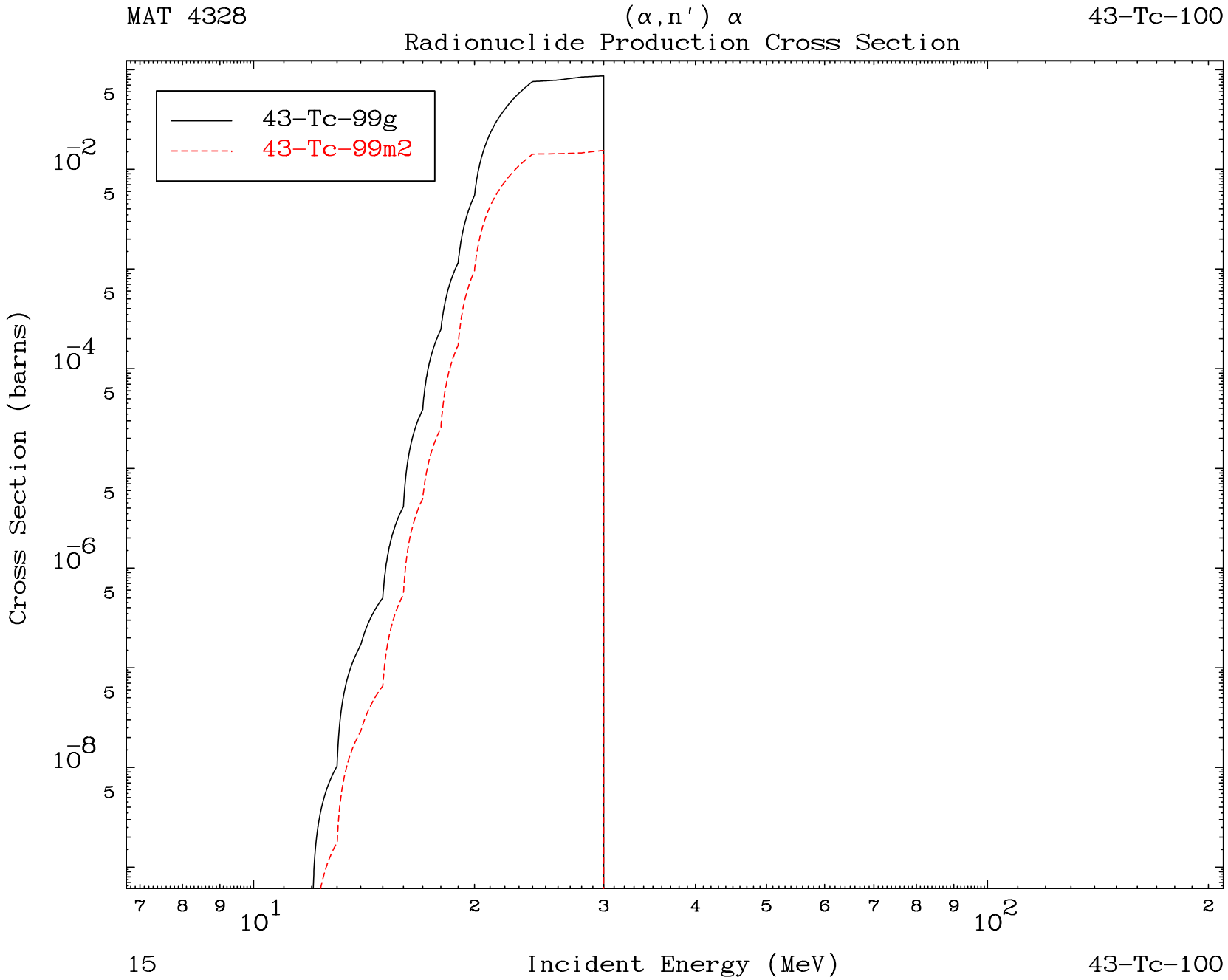
0 Kelvin Cross Sections

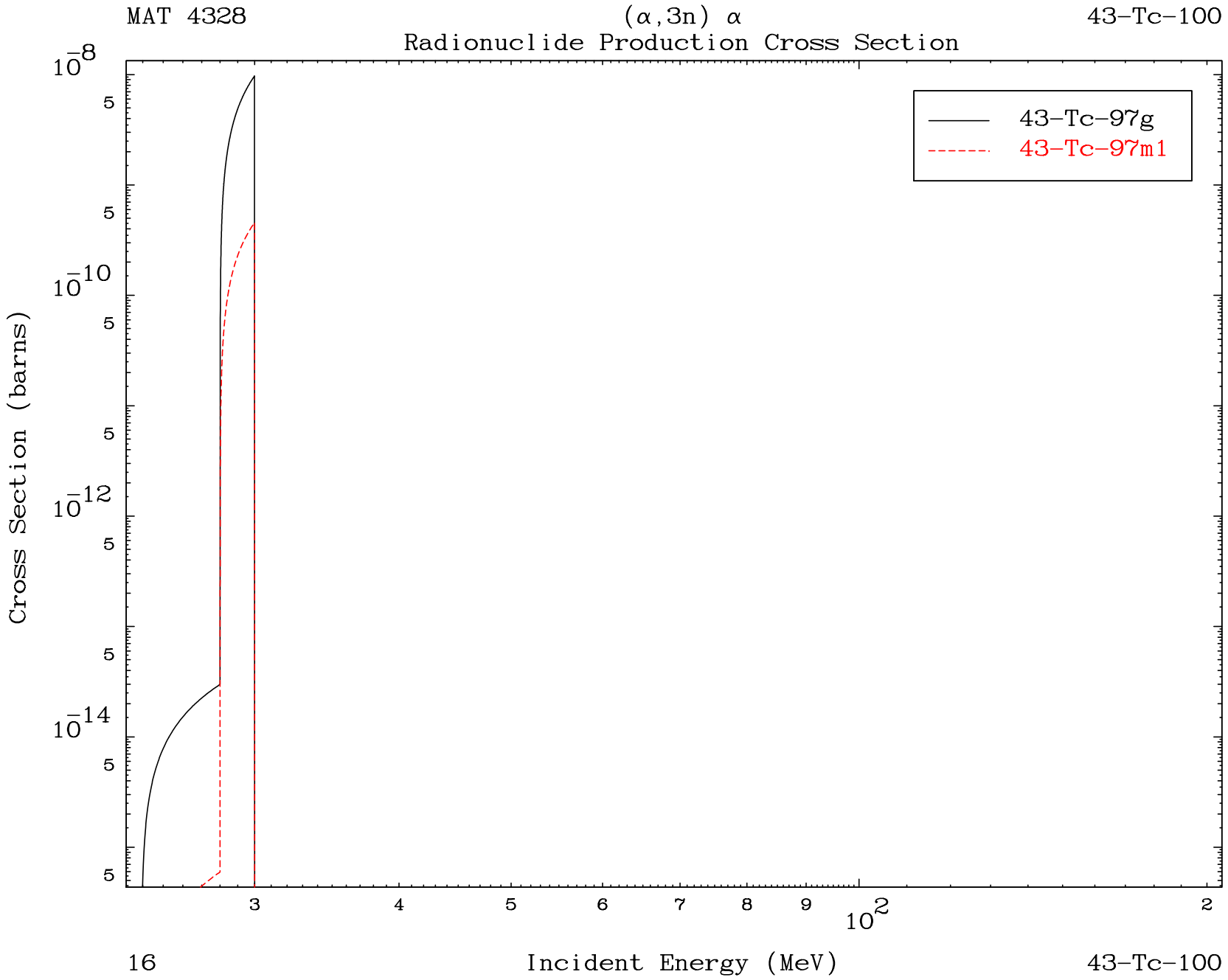


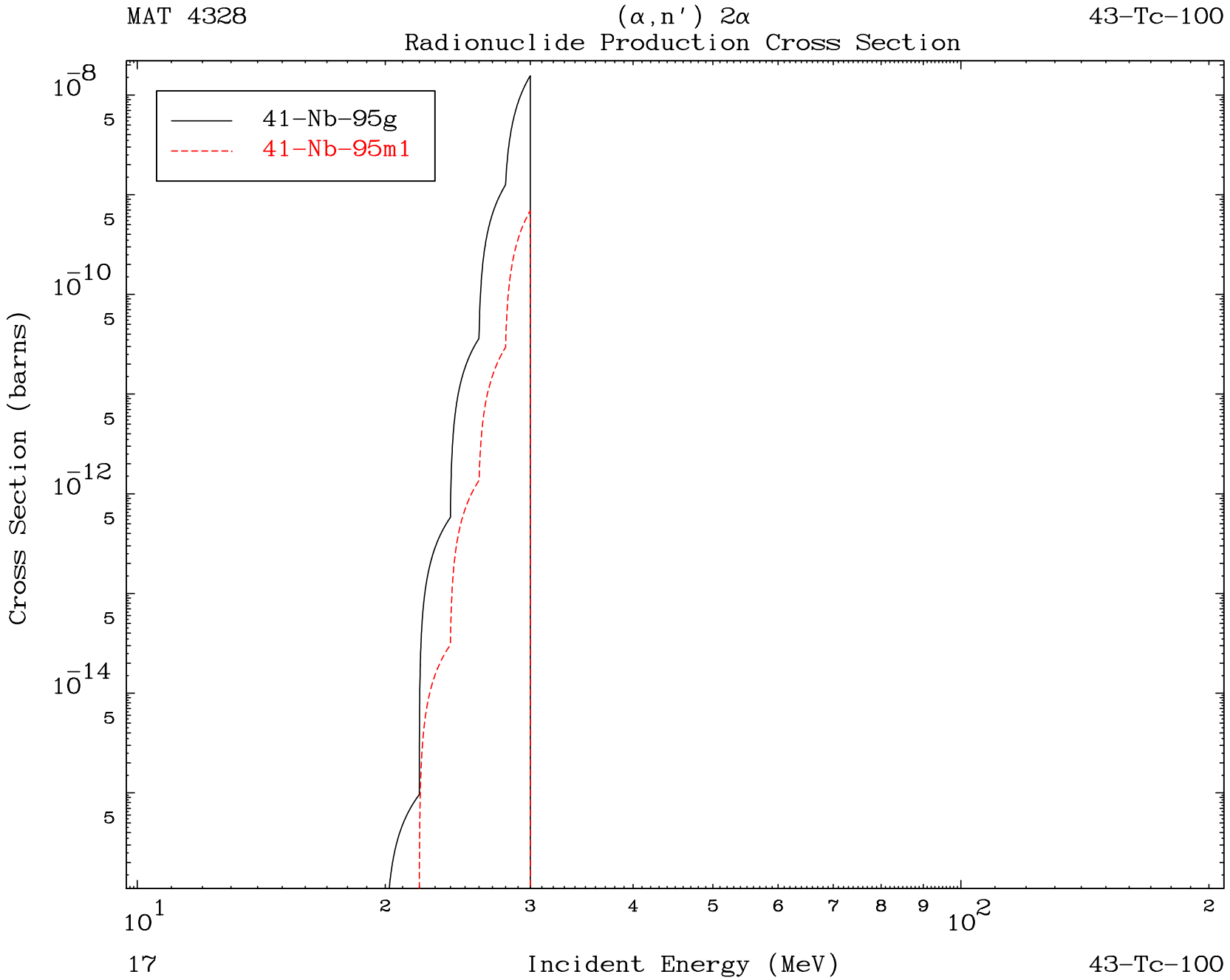

MAT 4328
α Inelastic
43-Tc-100
Radionuclide Production Cross Section
45-Rh-103g
45-Rh-103m1
Cross Section (barns)
Incident Energy (MeV)
12
43-Tc-100

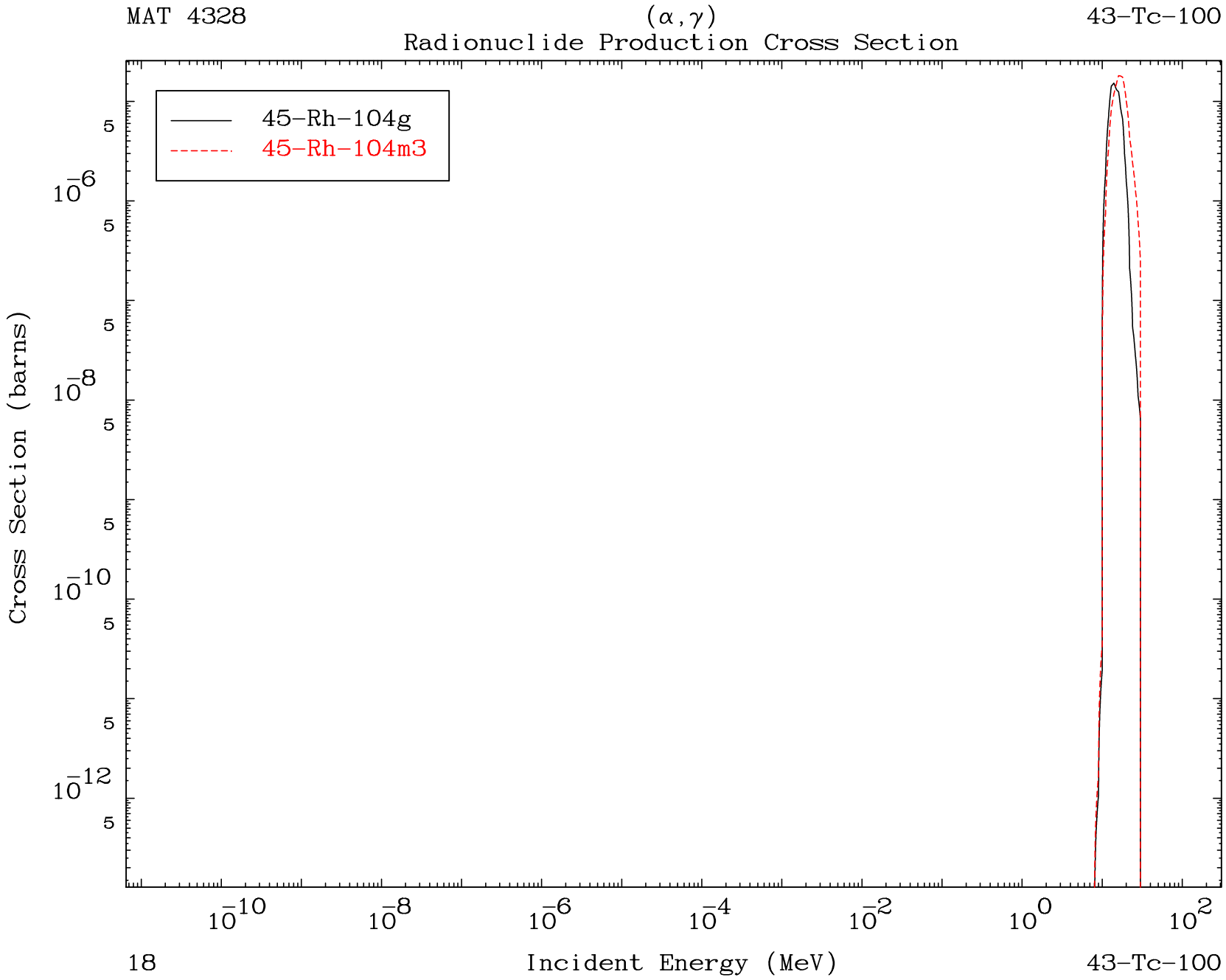

MAT 4328
(α,2n)
43-Tc-100
Radionuclide Production Cross Section
45-Rh-102g
45-Rh-102m5
Cross Section (barns)
Incident Energy (MeV)
13
43-Tc-100

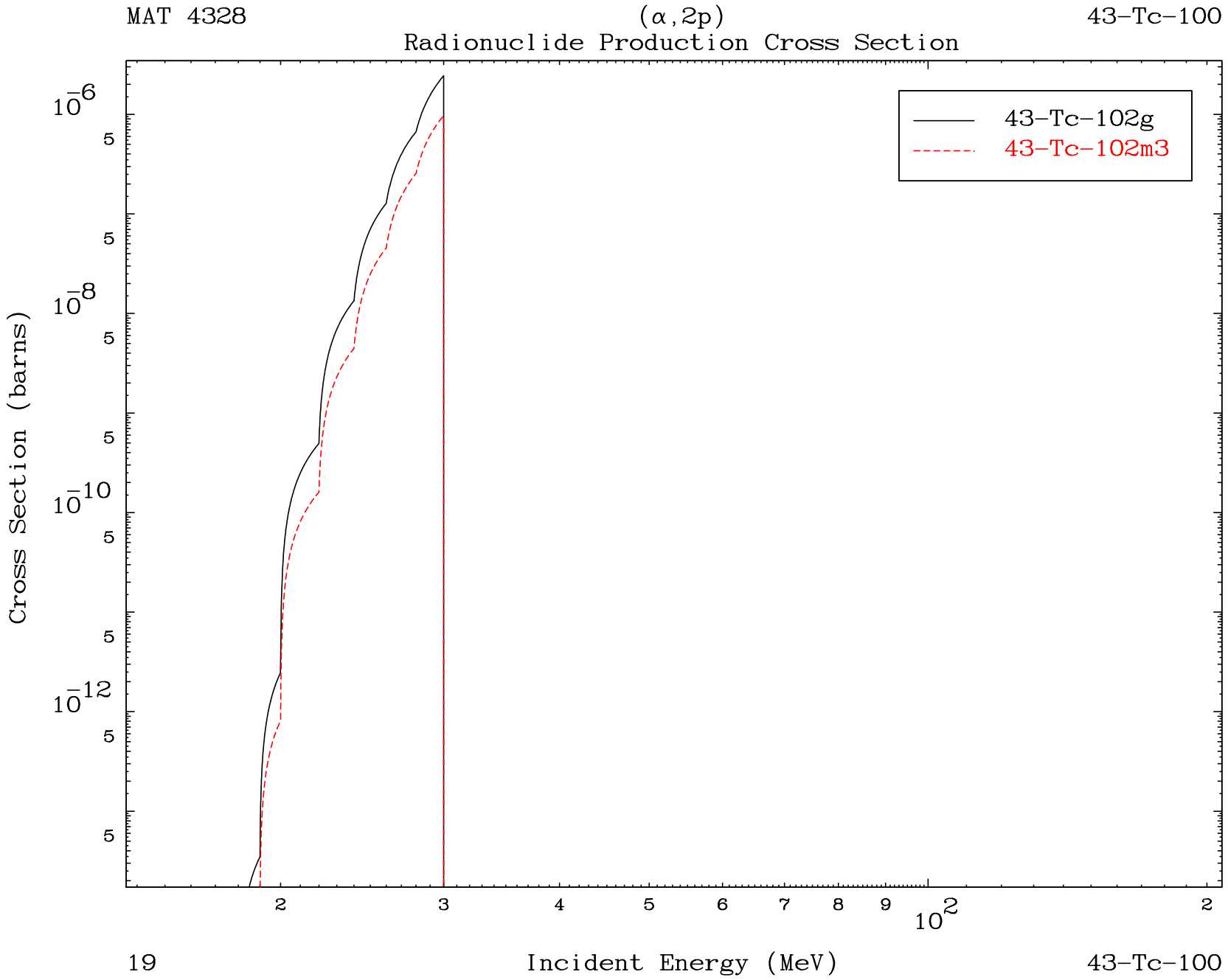

MAT 4328
(α,3n)
43-Tc-100
Radionuclide Production Cross Section
45-Rh-101g
45-Rh-101m1
Cross Section (barns)
10-1
10-2
8
6
4
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
43-Tc-100


MAT 4328
(α,n') α
43-Tc-100
Radionuclide Production Cross Section
43-Tc-99g
43-Tc-99m2
Cross Section (barns)
Incident Energy (MeV)
15
43-Tc-100


MAT 4328
(α,3n) α
43-Tc-100
Radionuclide Production Cross Section
43-Tc-97g
43-Tc-97m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
3
4
6
7
8
9
10^2
2
16
Incident Energy (MeV)
43-Tc-100


MAT 4328
(α,n') 2α
43-Tc-100
Radionuclide Production Cross Section
41-Nb-95g
41-Nb-95m1
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
17
Incident Energy (MeV)
43-Tc-100


MAT 4328
(α,γ)
43-Tc-100
Radionuclide Production Cross Section
45-Rh-104g
45-Rh-104m3
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
18
Incident Energy (MeV)
43-Tc-100


MAT 4328
(α,2p)
43-Tc-100
Radionuclide Production Cross Section
43-Tc-102g
43-Tc-102m3
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
19
Incident Energy (MeV)
43-Tc-100