Program EVALPLOT
(Version 2021-1)
by
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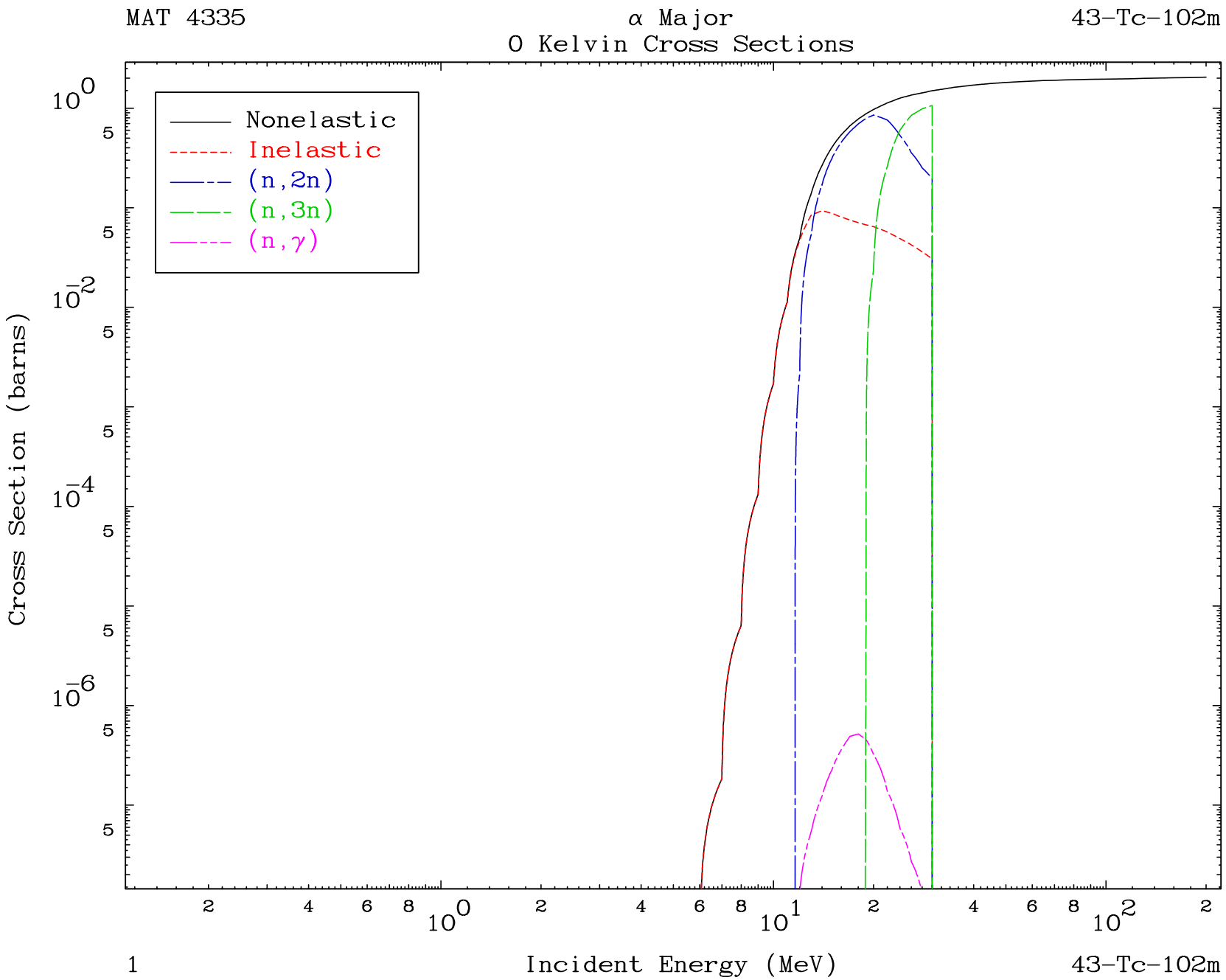
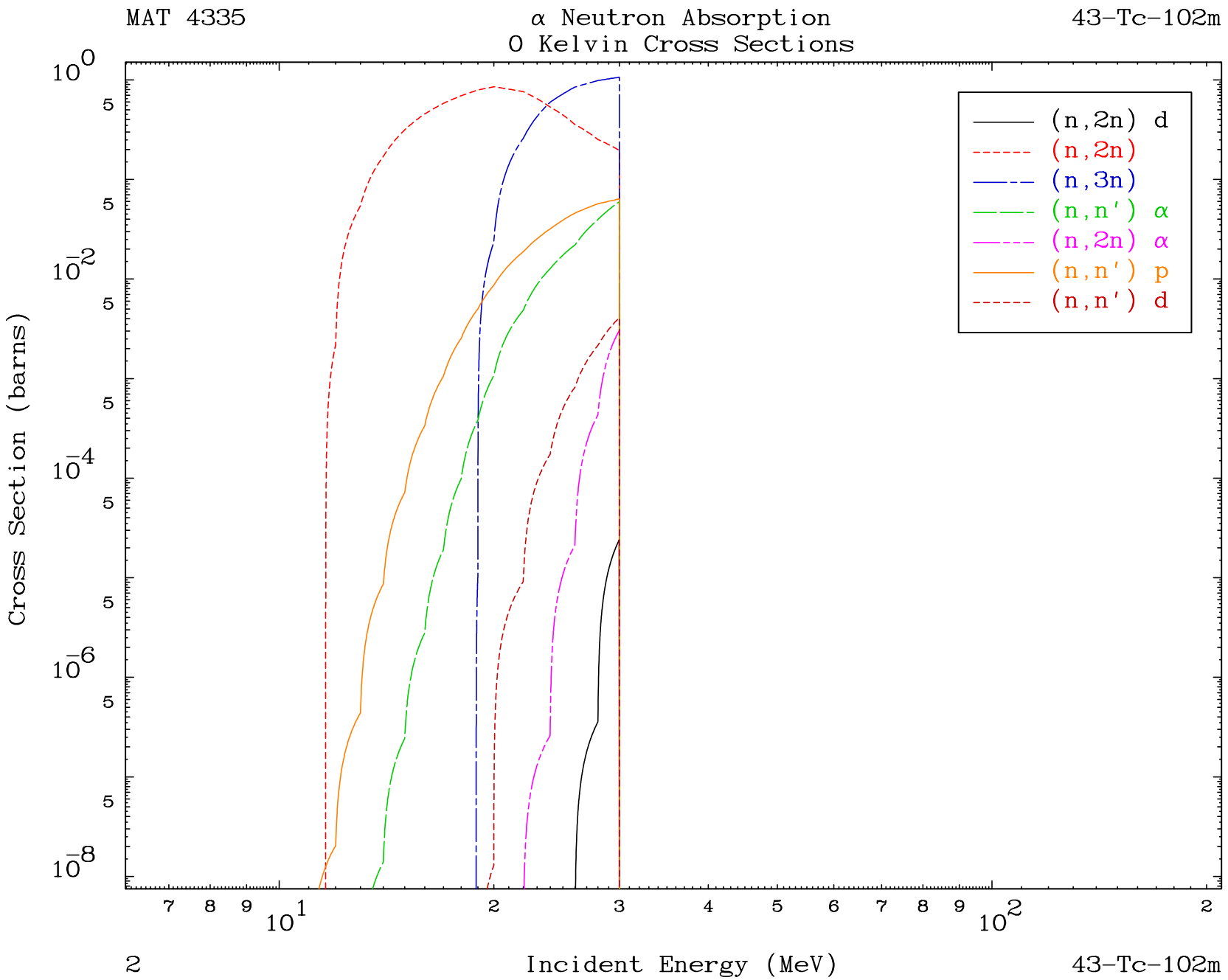
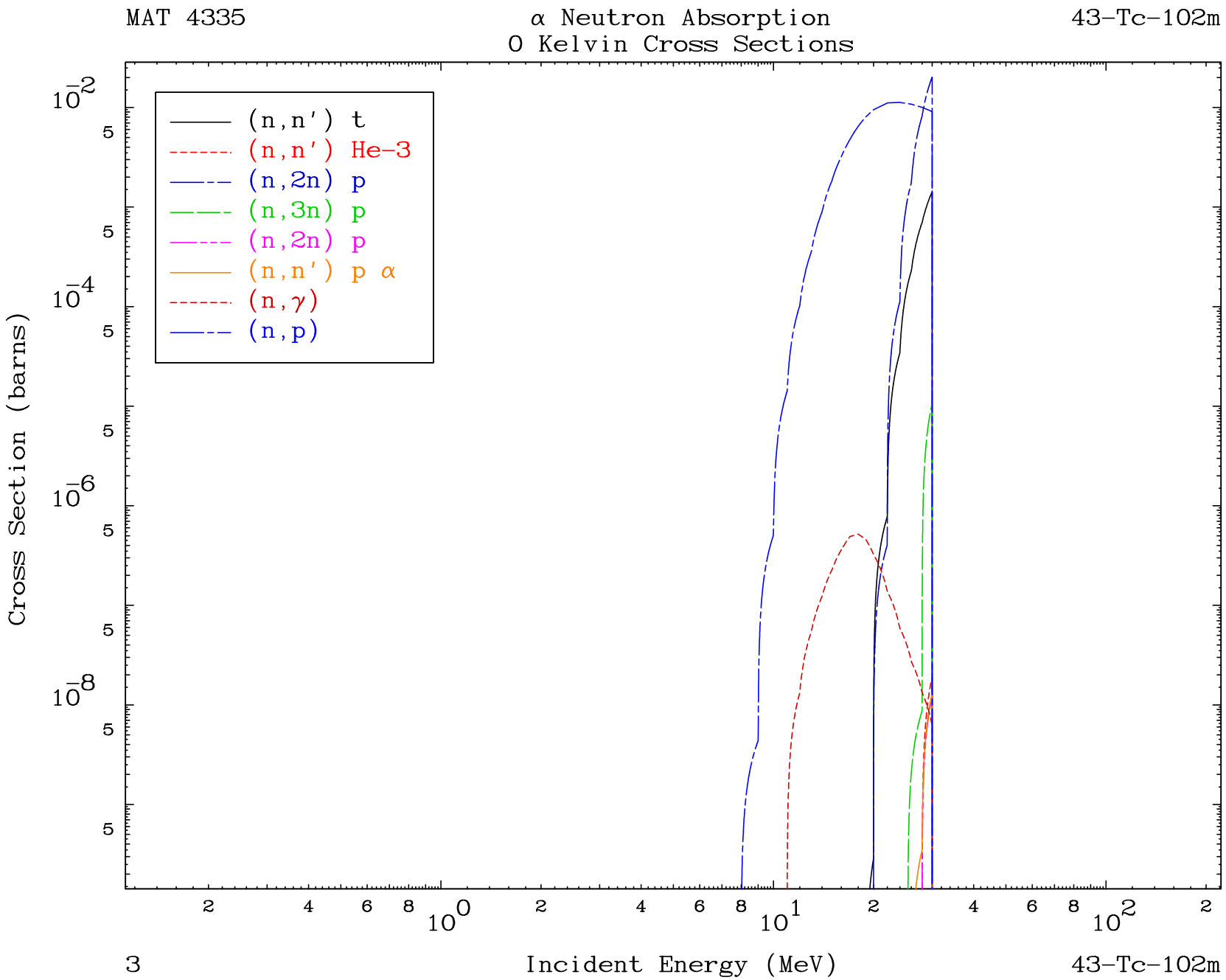
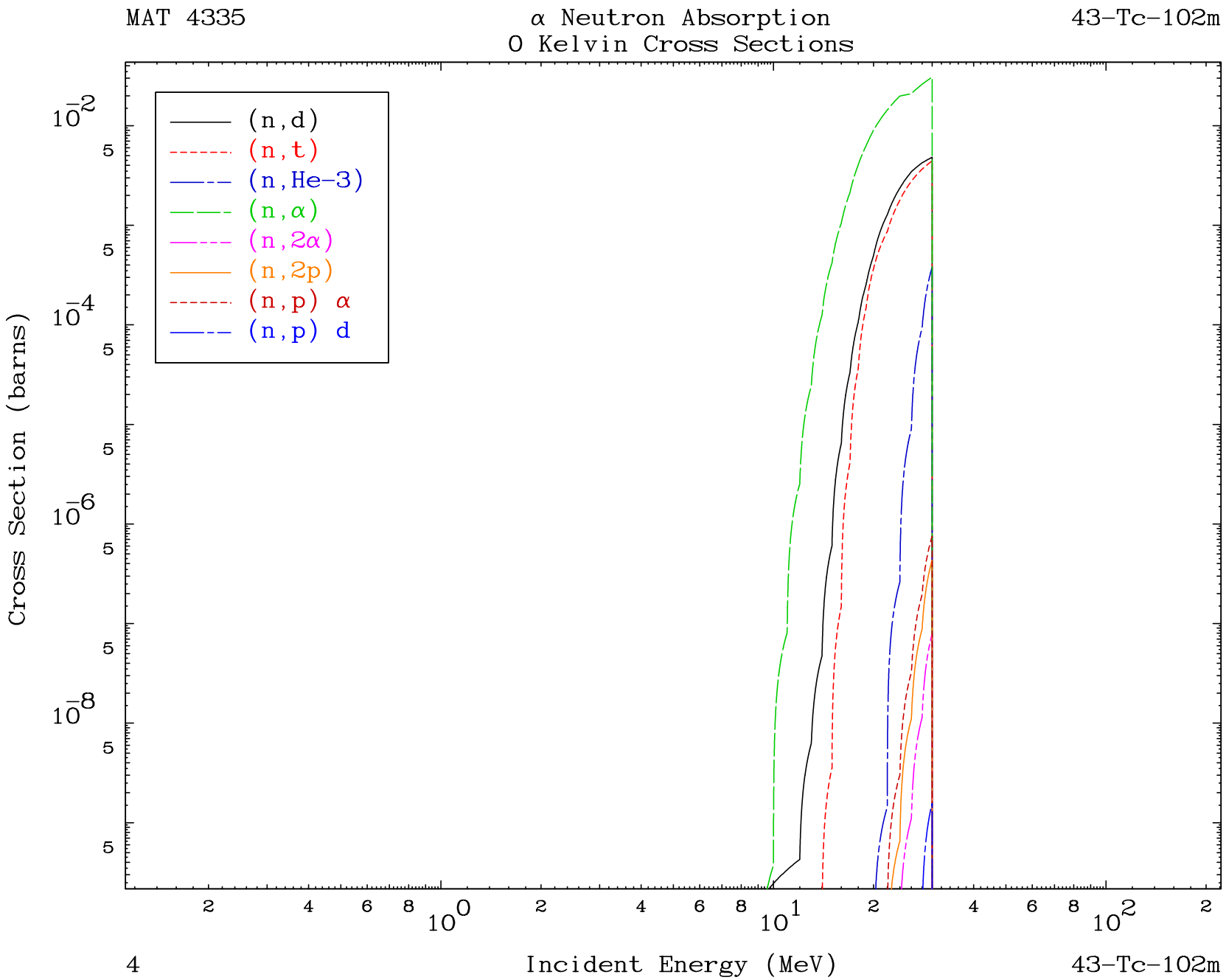
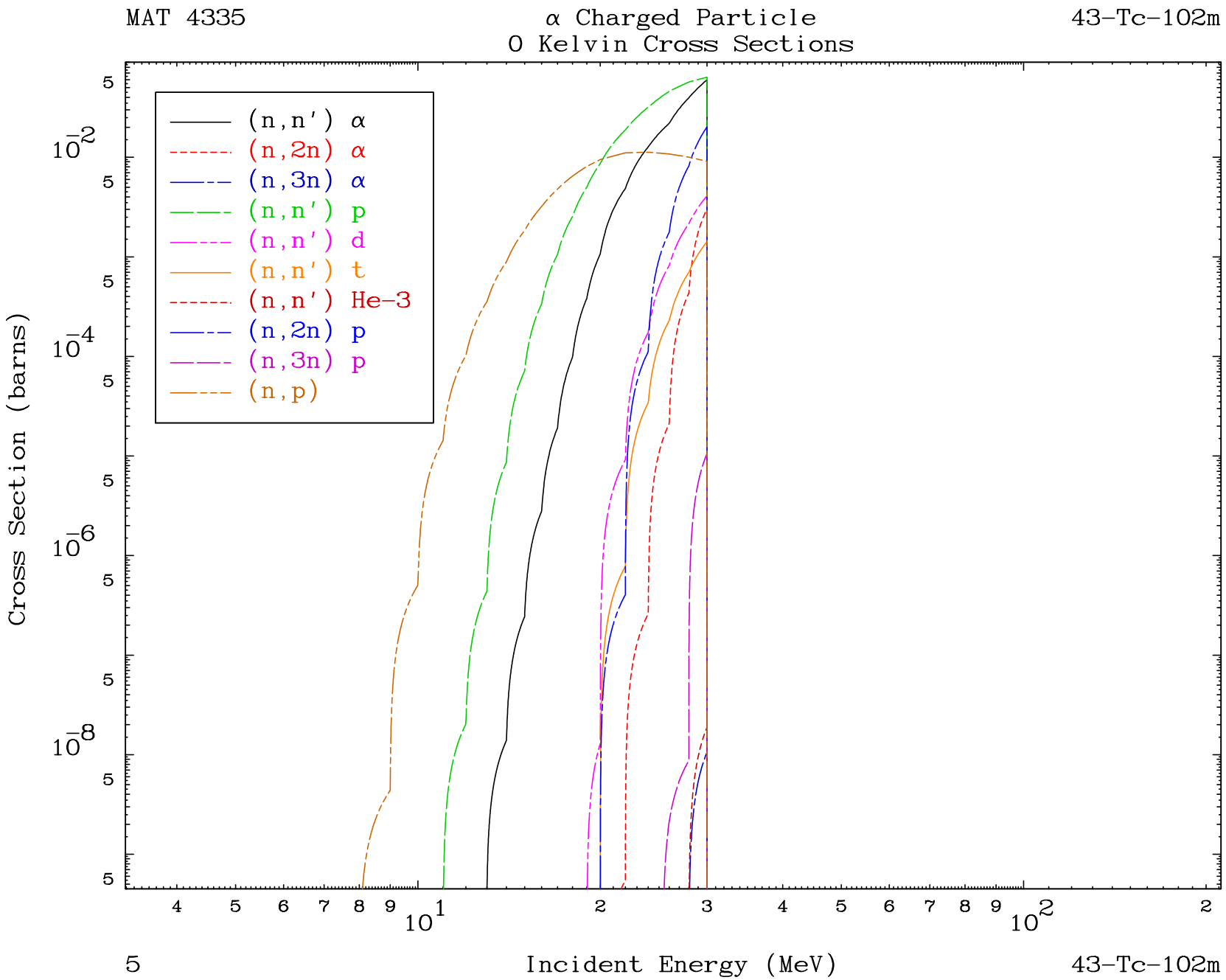
Press Mouse Button to Start

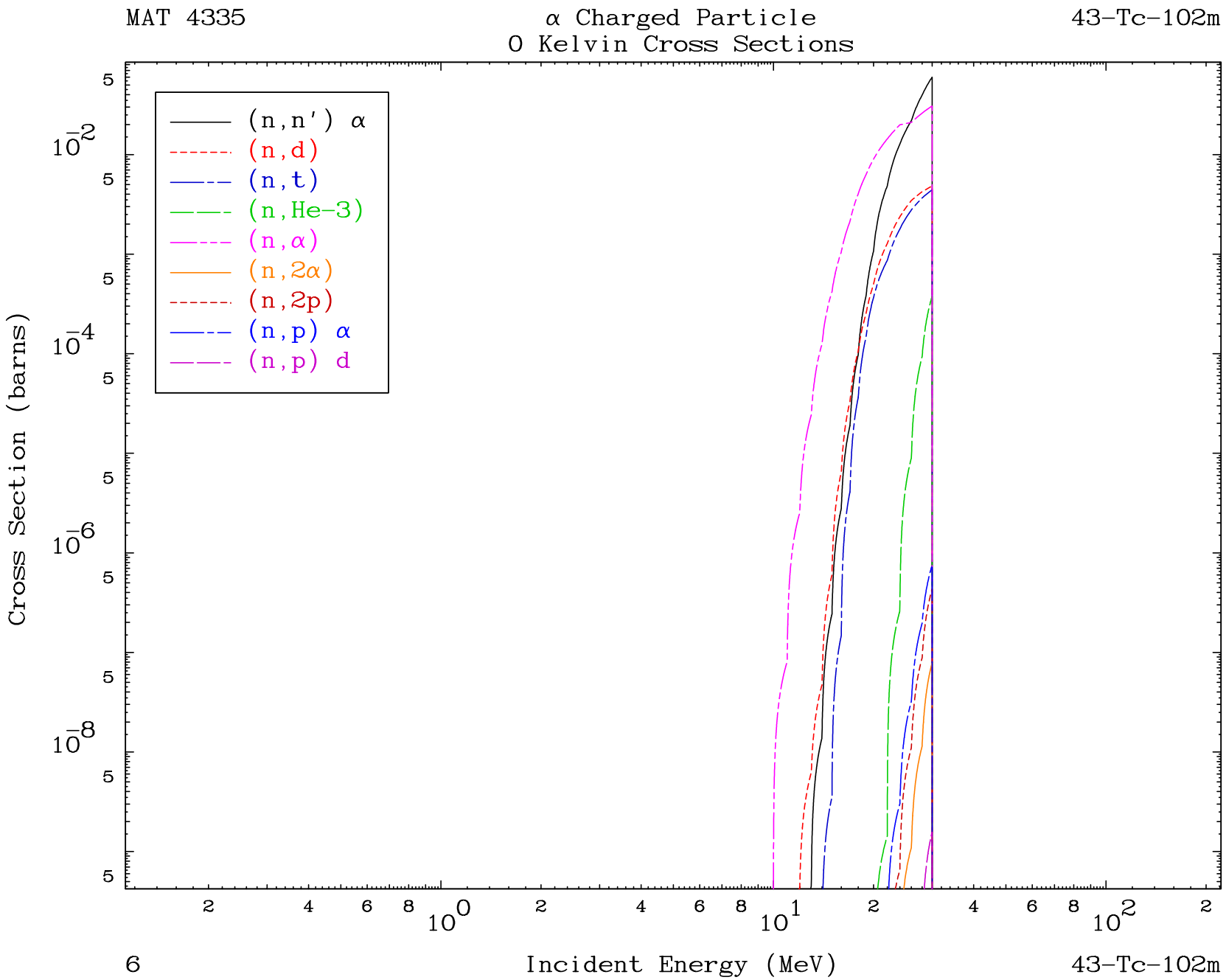

MAT 4335
α Major
43-Tc-102m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
43-Tc-102m

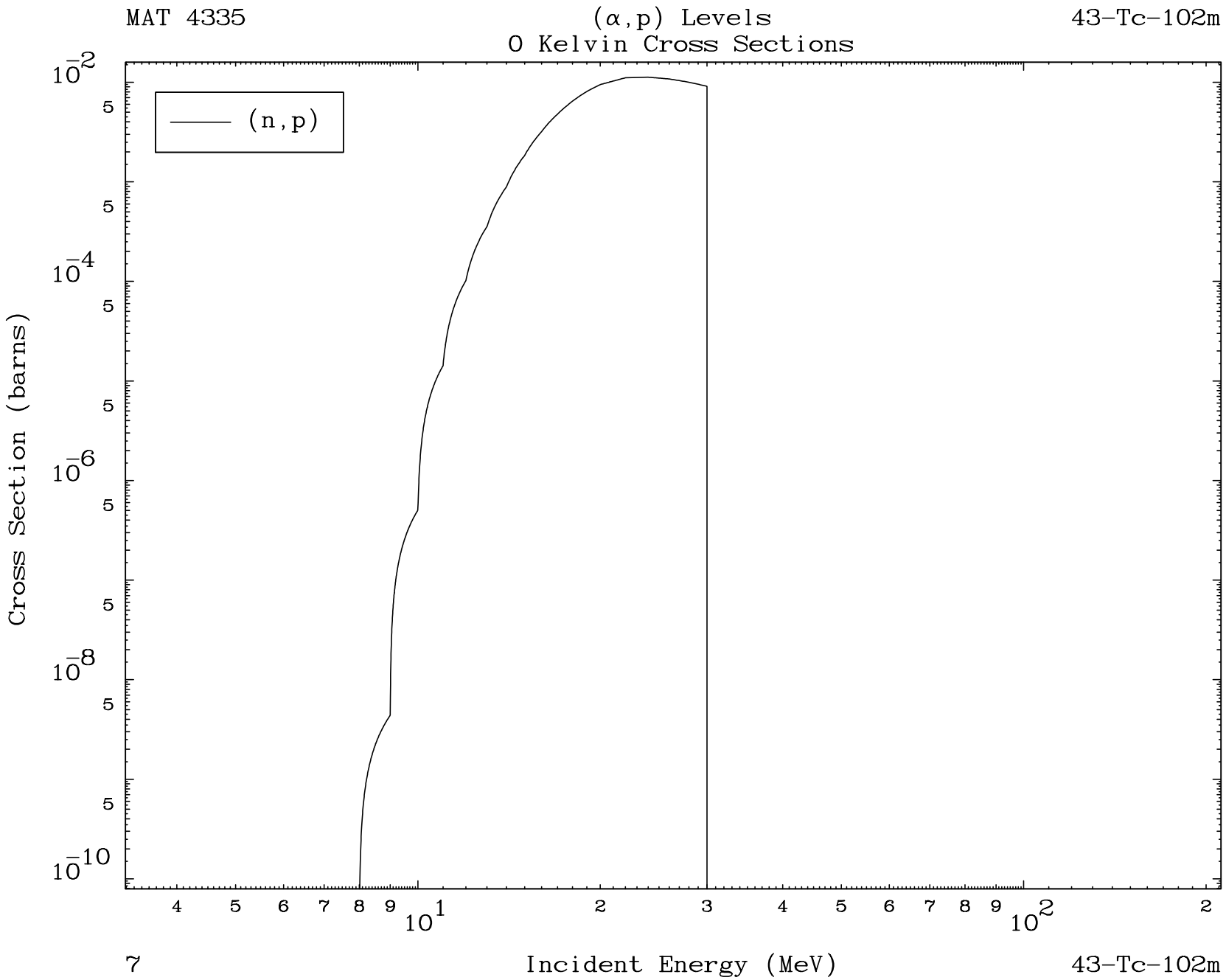

MAT 4335
α Neutron Absorption
0 Kelvin Cross Sections
43-Tc-102m
Cross Section (barns)
Incident Energy (MeV)
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d

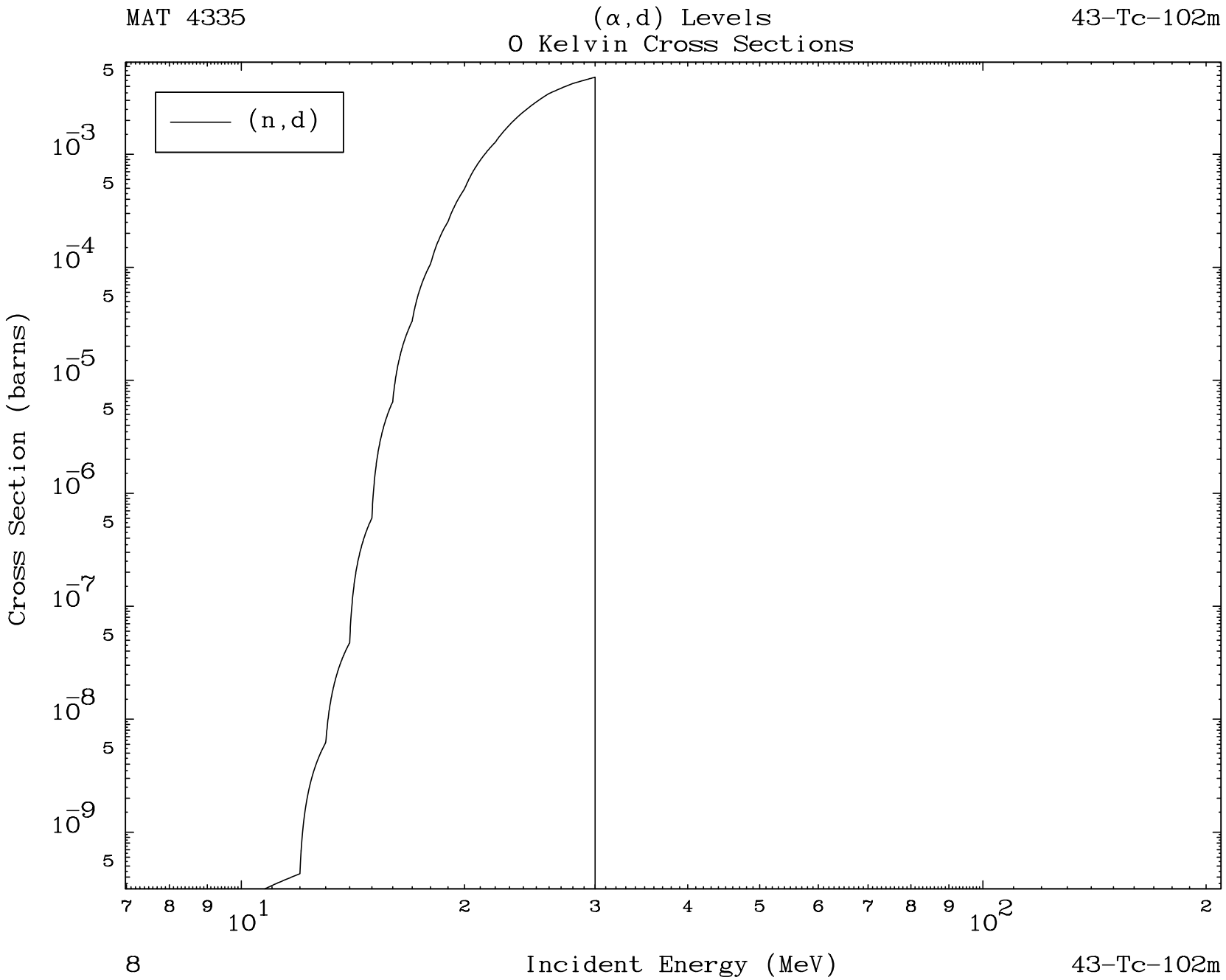

MAT 4335
α Neutron Absorption
0 Kelvin Cross Sections
43-Tc-102m
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
3
43-Tc-102m

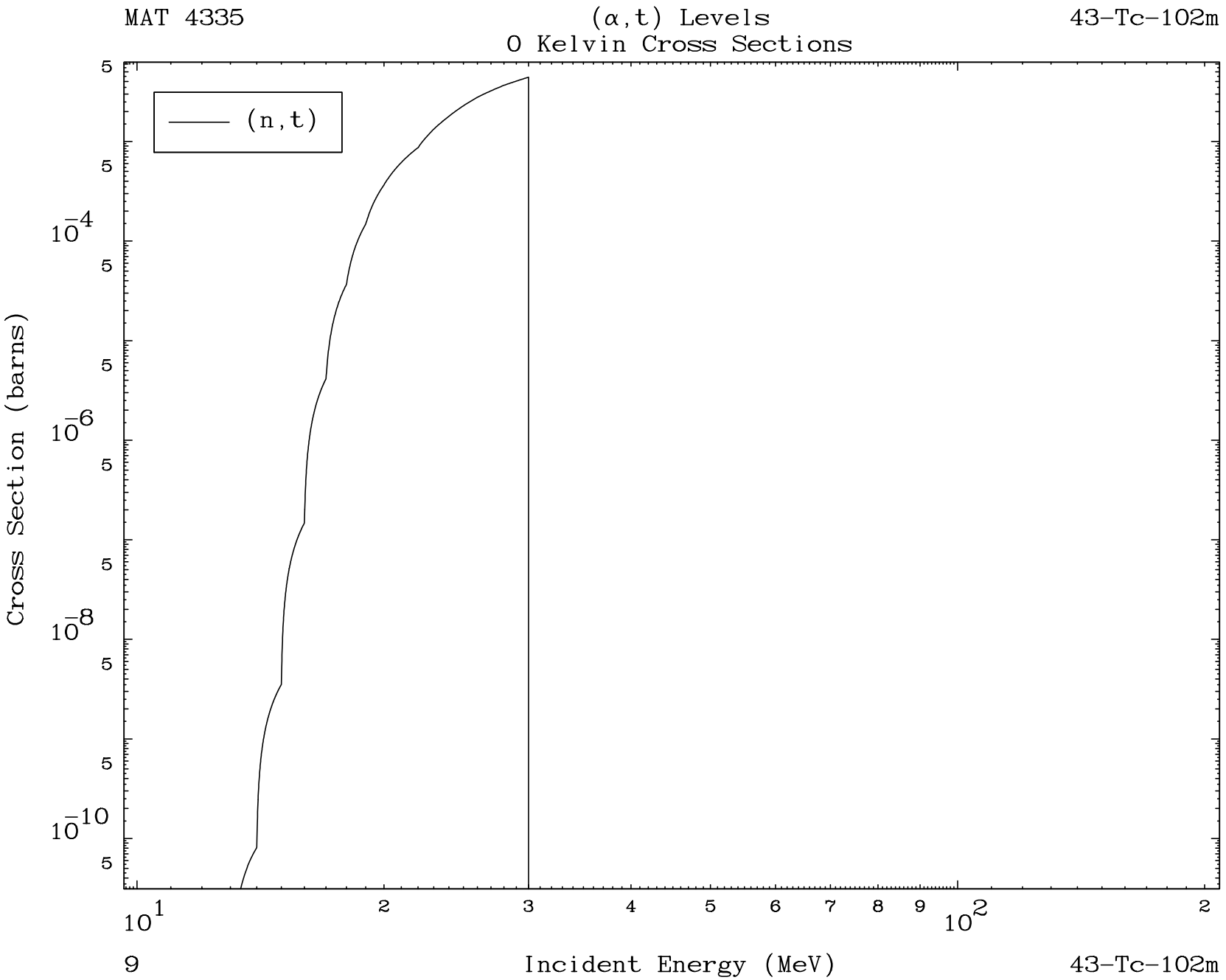

MAT 4335
α Neutron Absorption
0 Kelvin Cross Sections
43-Tc-102m
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
4
43-Tc-102m

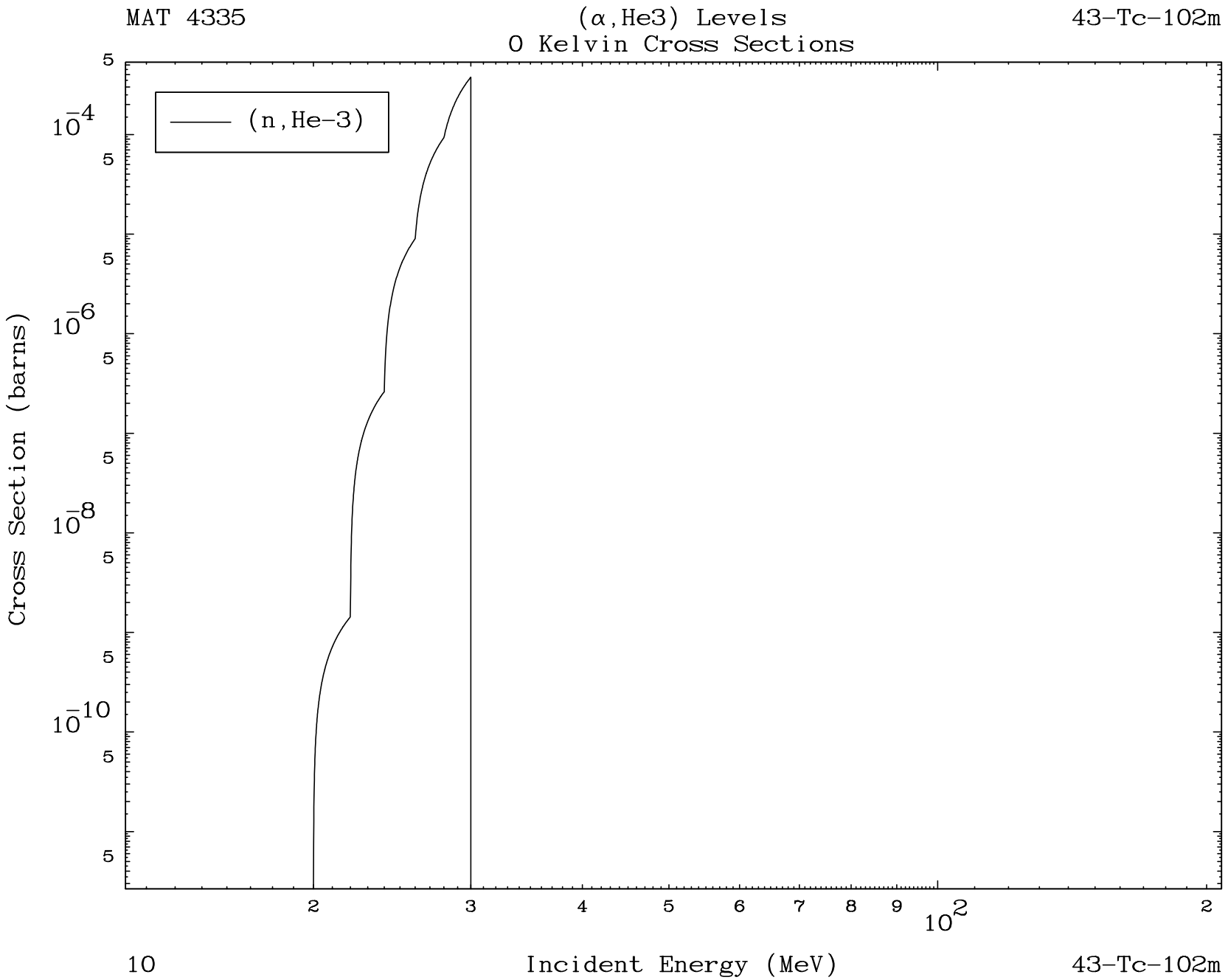

MAT 4335
α Charged Particle
0 Kelvin Cross Sections
43-Tc-102m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
43-Tc-102m

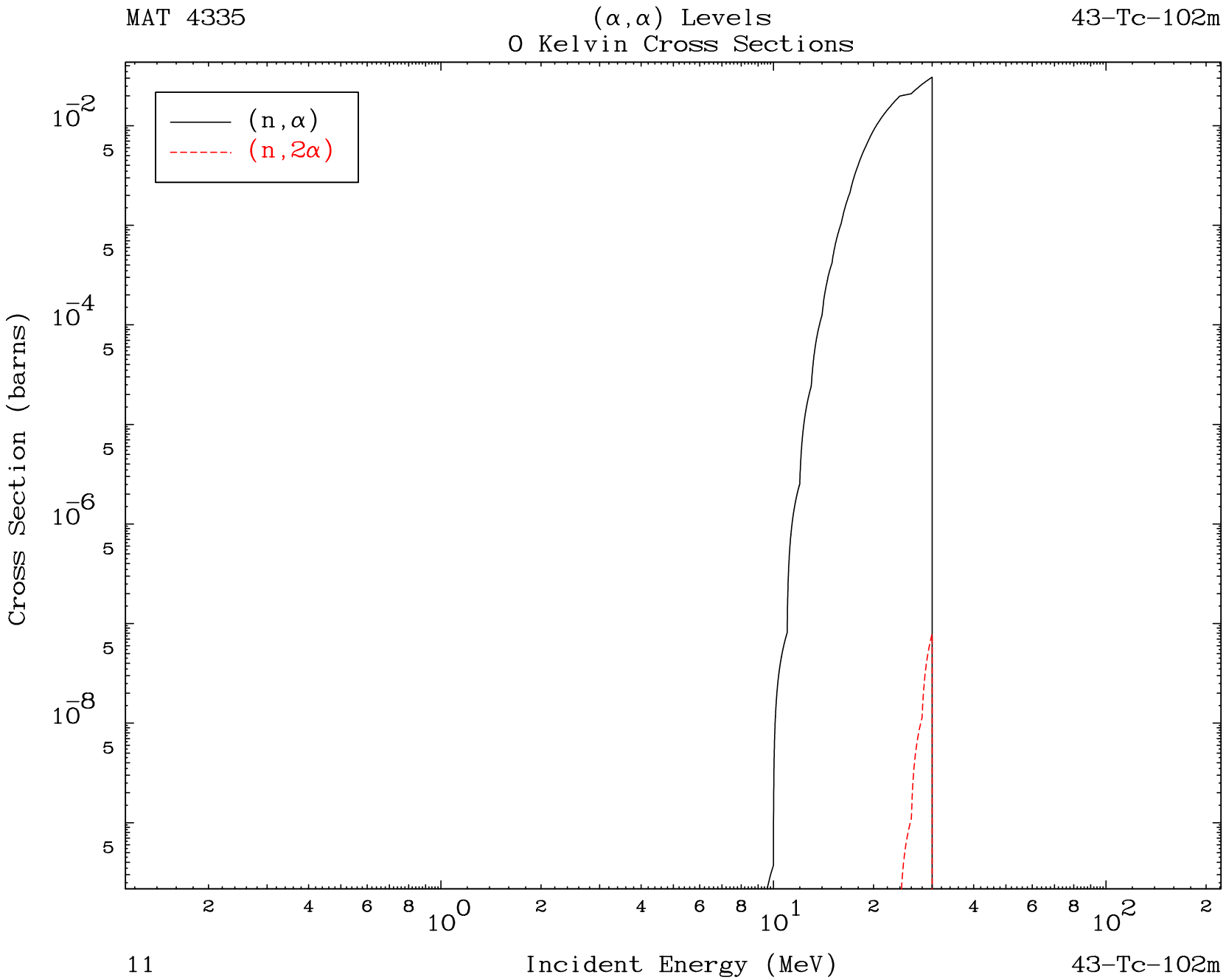

MAT 4335
α Charged Particle
0 Kelvin Cross Sections
43-Tc-102m
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
6
43-Tc-102m

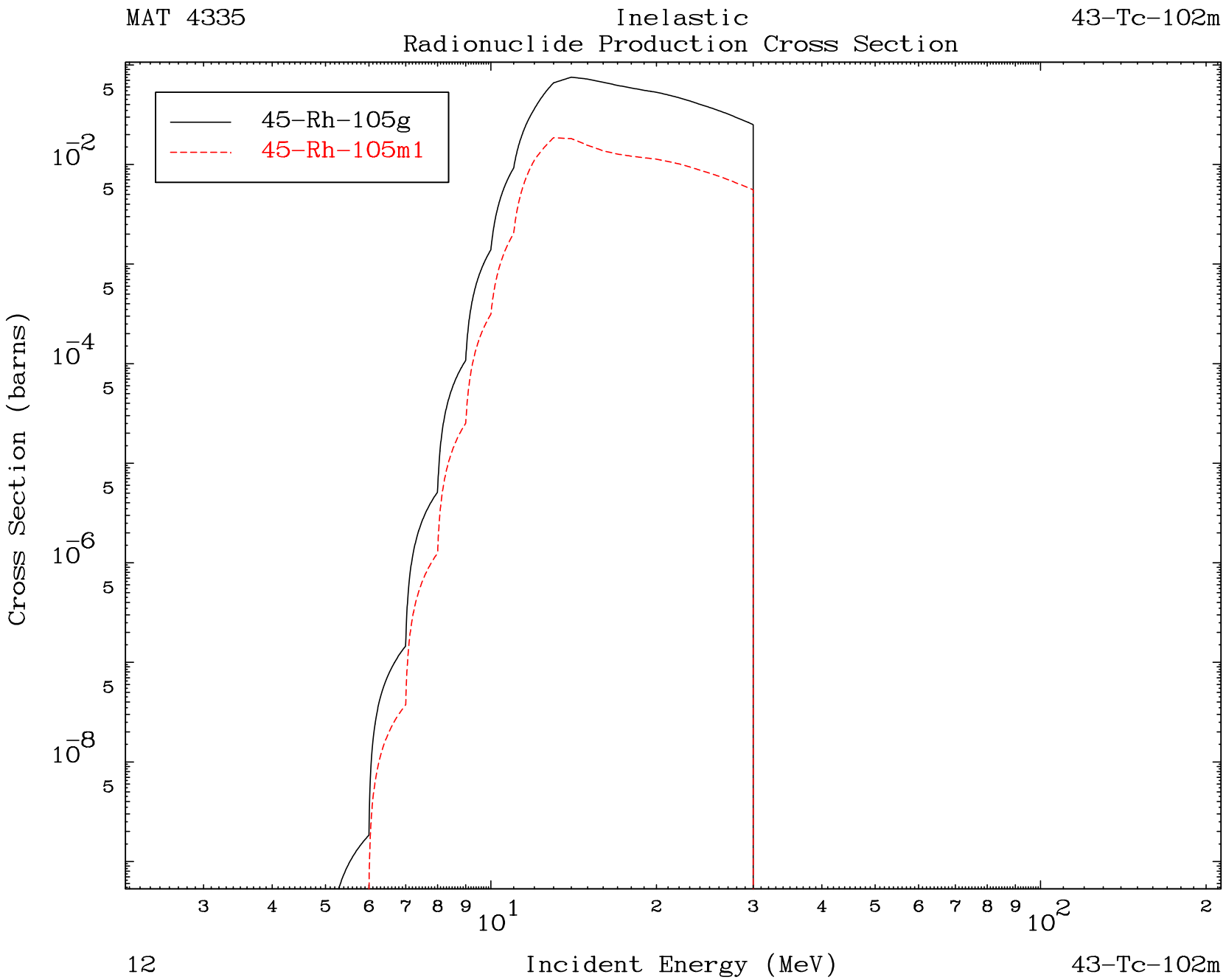

MAT 4335
(α,p) Levels
43-Tc-102m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
43-Tc-102m

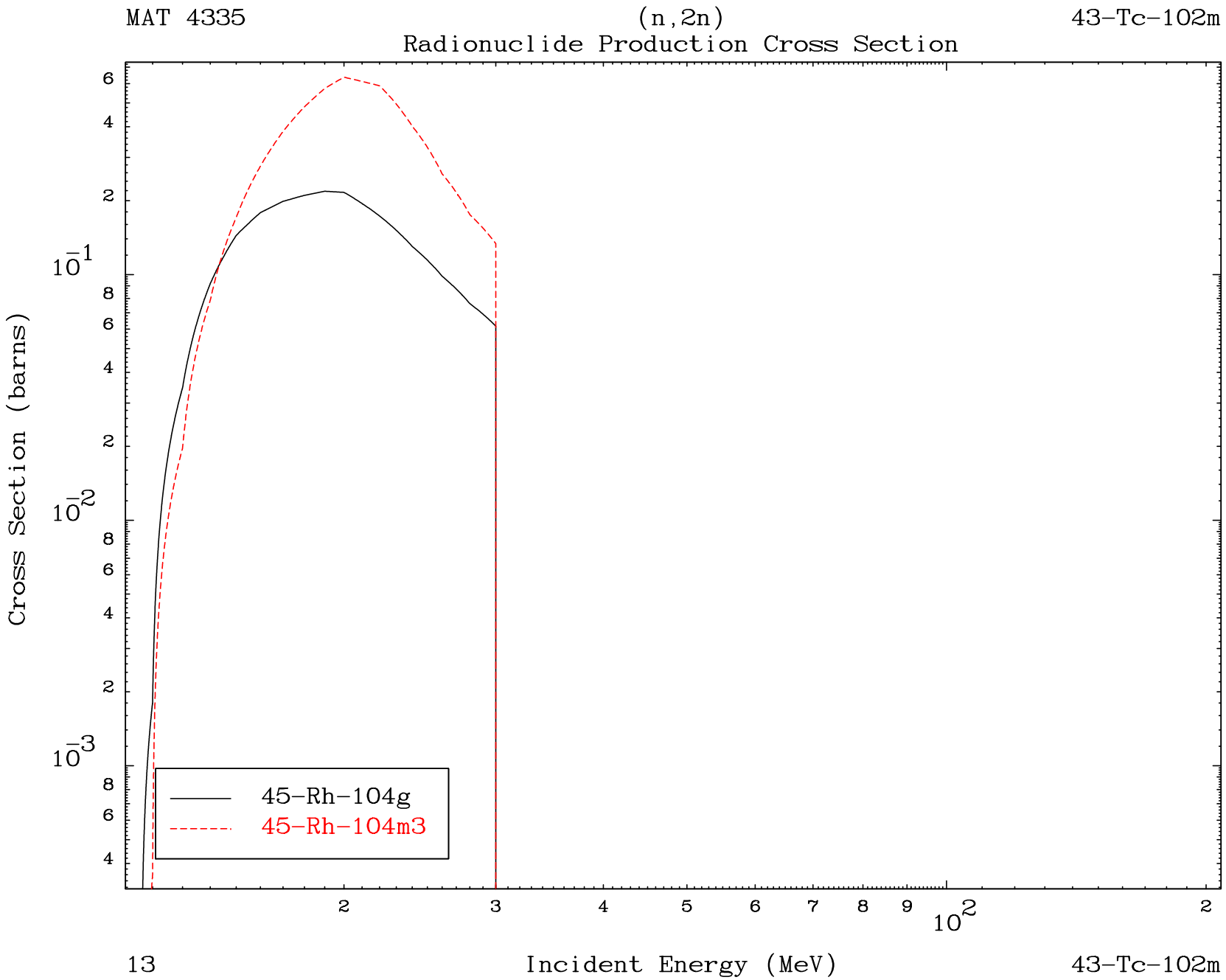

MAT 4335
(α,d) Levels
43-Tc-102m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-3
10-4
10-5
10-6
10-7
10-8
10-9
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
8
43-Tc-102m

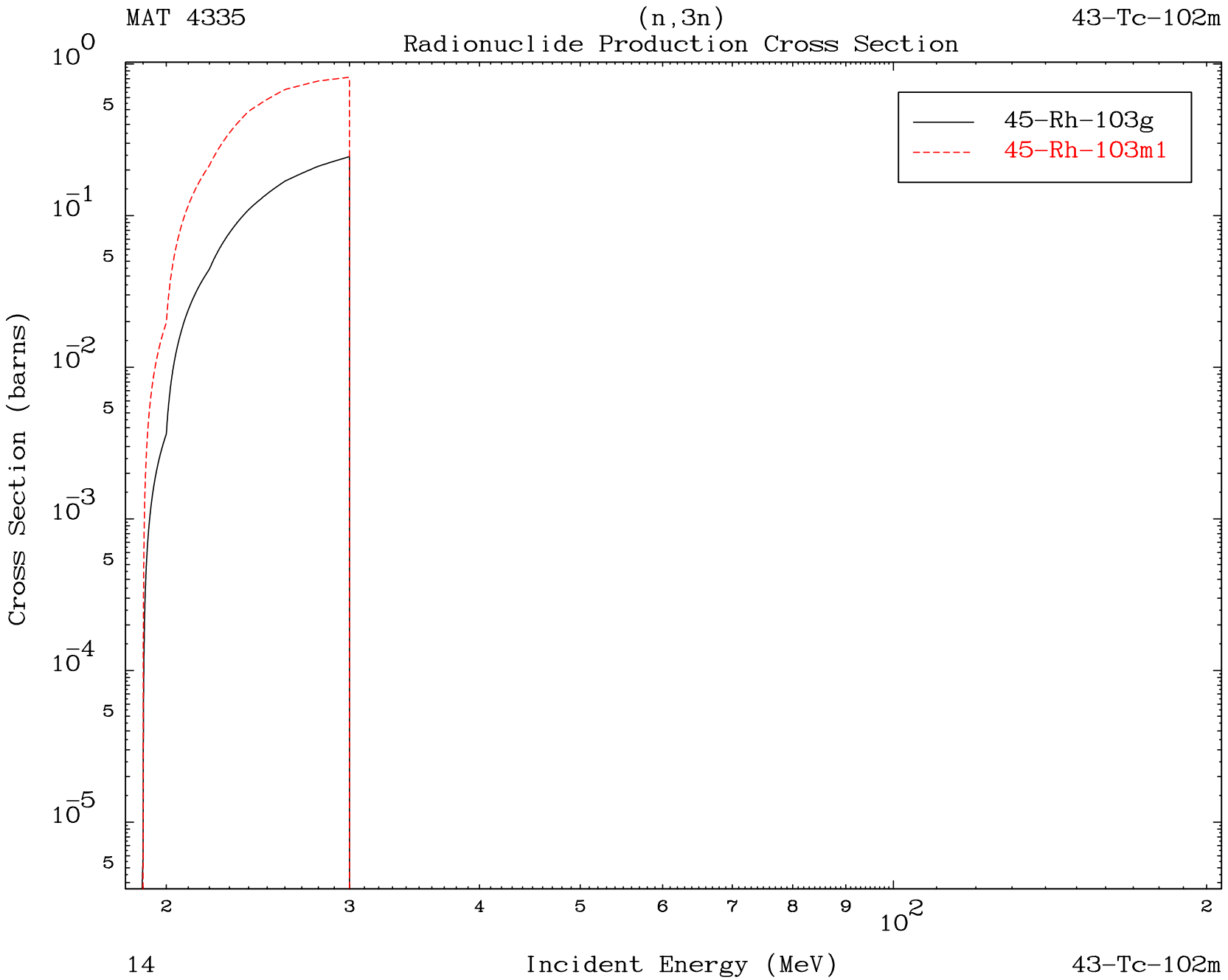

MAT 4335
(α,t) Levels
43-Tc-102m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
10^1
10^2
Incident Energy (MeV)
43-Tc-102m

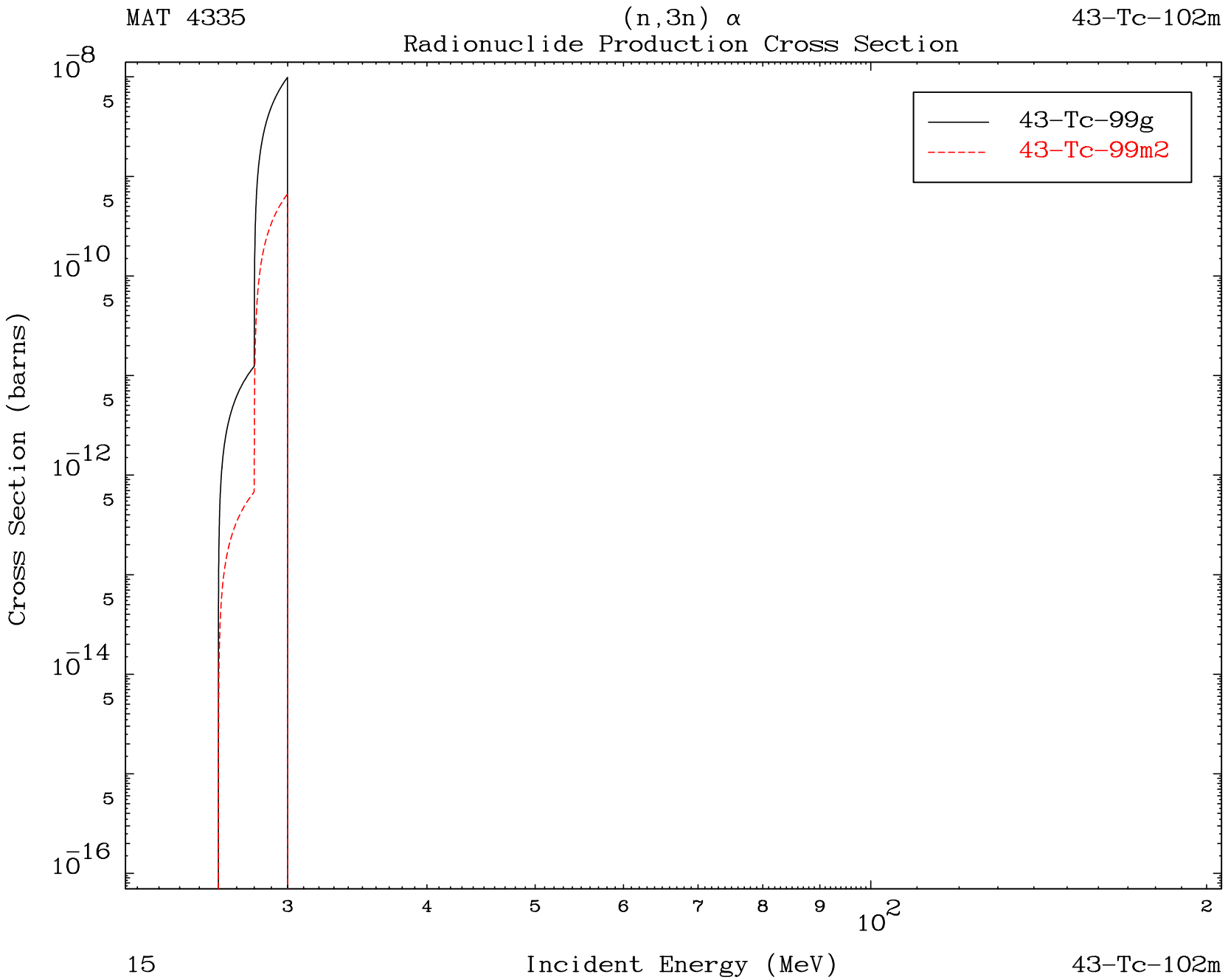

MAT 4335
(α,He3) Levels
43-Tc-102m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
10^2
43-Tc-102m

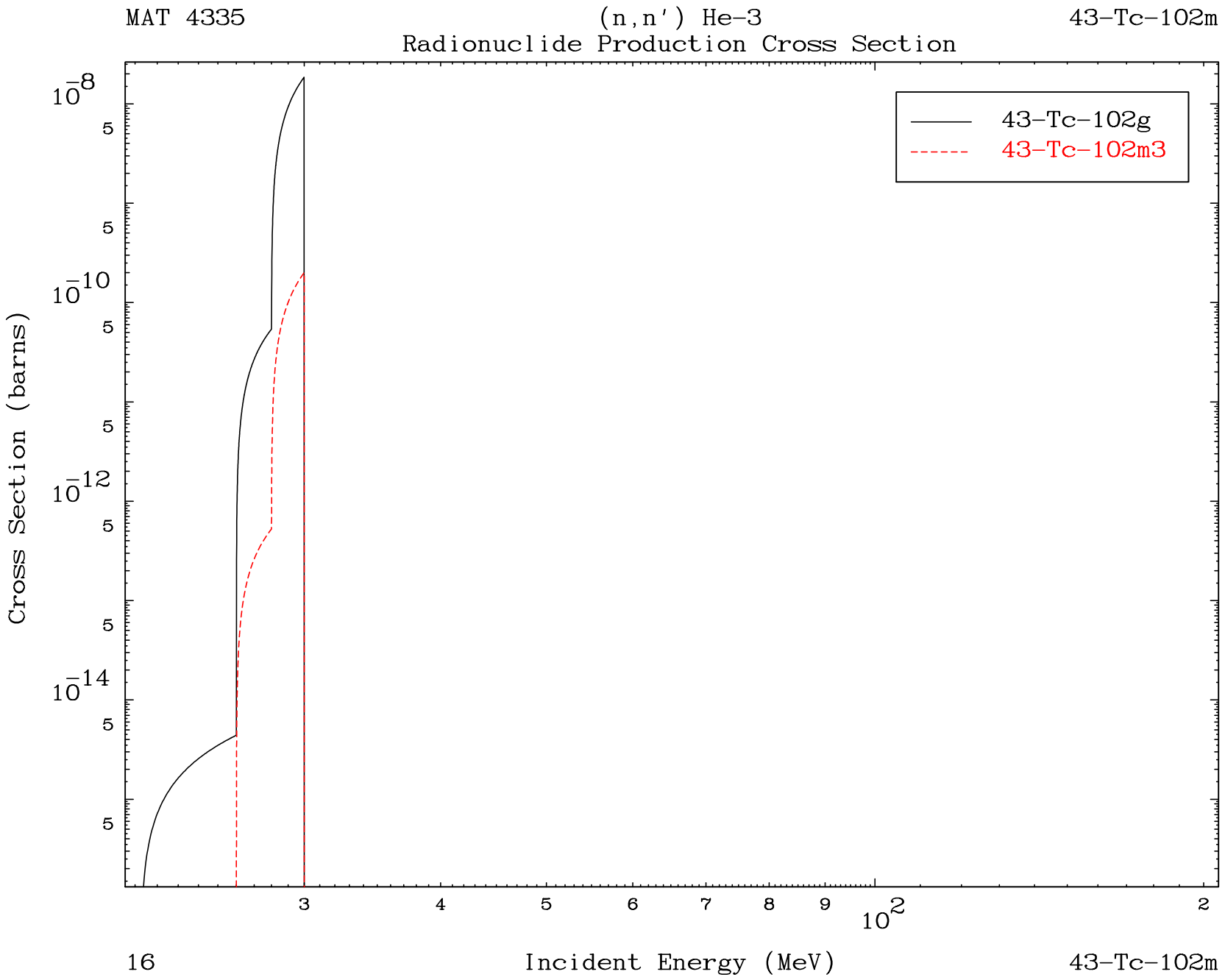

MAT 4335
(α,α) Levels
43-Tc-102m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
11
43-Tc-102m

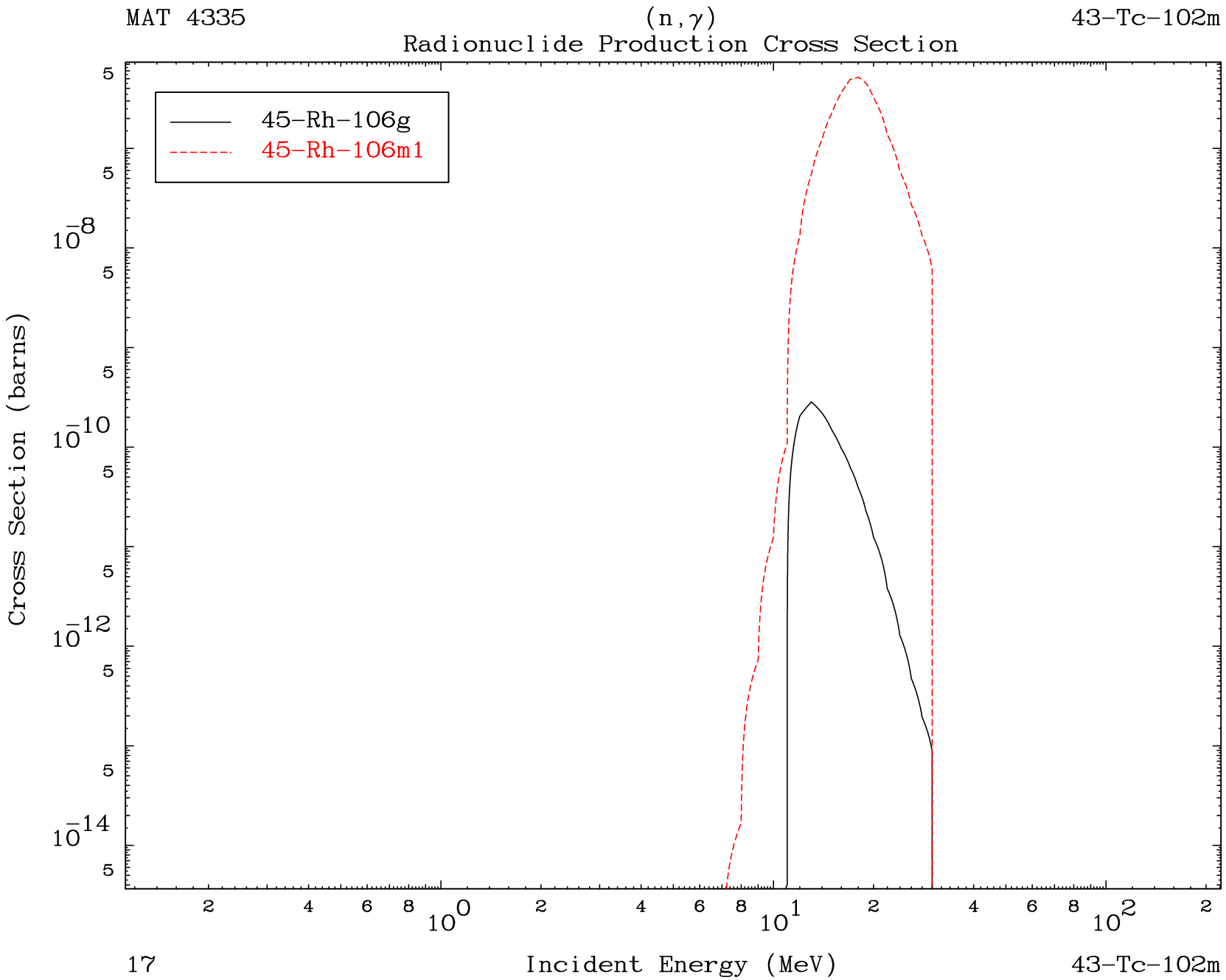

MAT 4335
Inelastic
43-Tc-102m
Radionuclide Production Cross Section
45-Rh-105g
45-Rh-105m1
Cross Section (barns)
Incident Energy (MeV)
12
43-Tc-102m

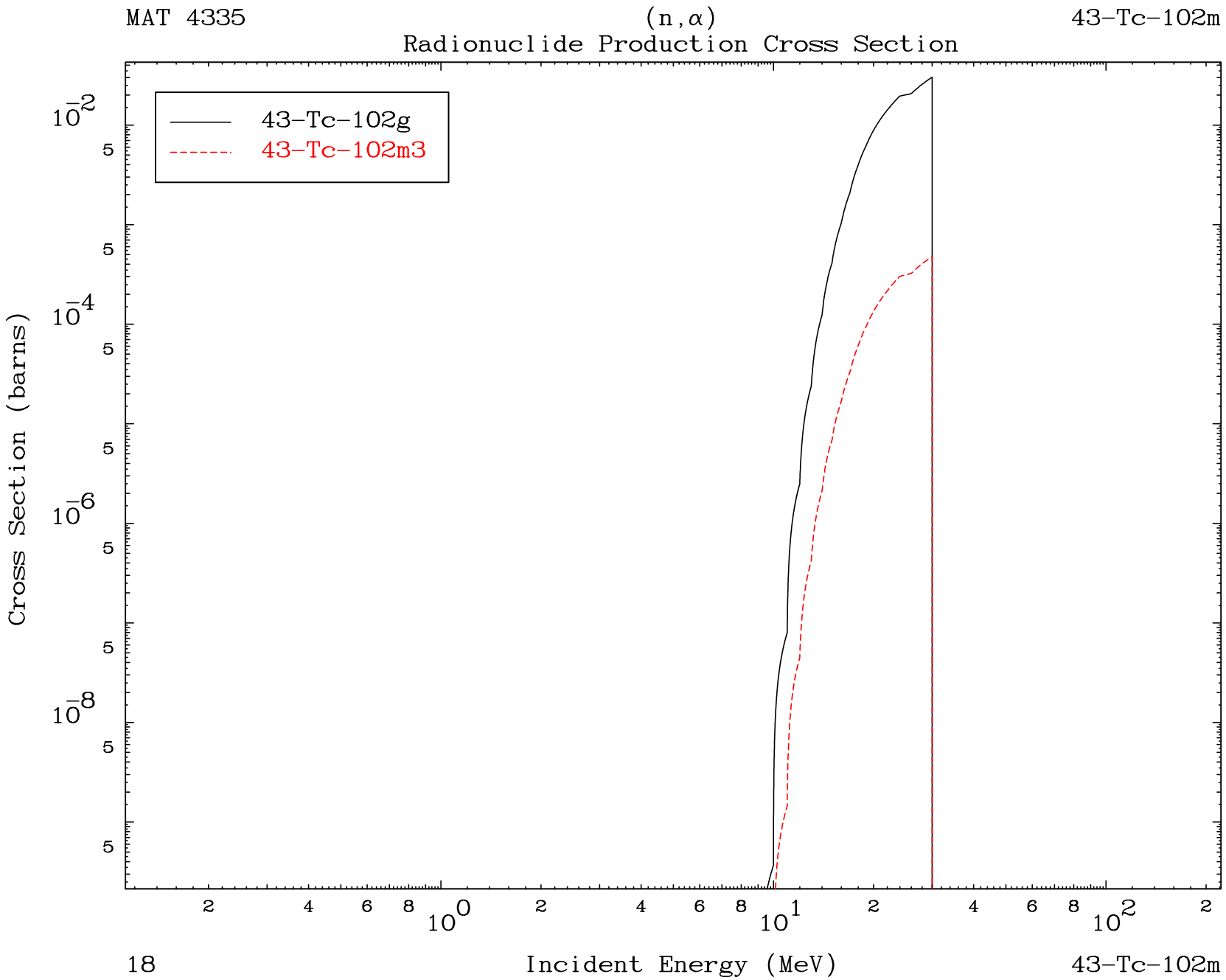

MAT 4335
(n,2n)
43-Tc-102m
Radionuclide Production Cross Section
Cross Section (barns)
10^{-1}
10^{-2}
10^{-3}
45-Rh-104g
45-Rh-104m3
10^{2}
Incident Energy (MeV)
13
43-Tc-102m

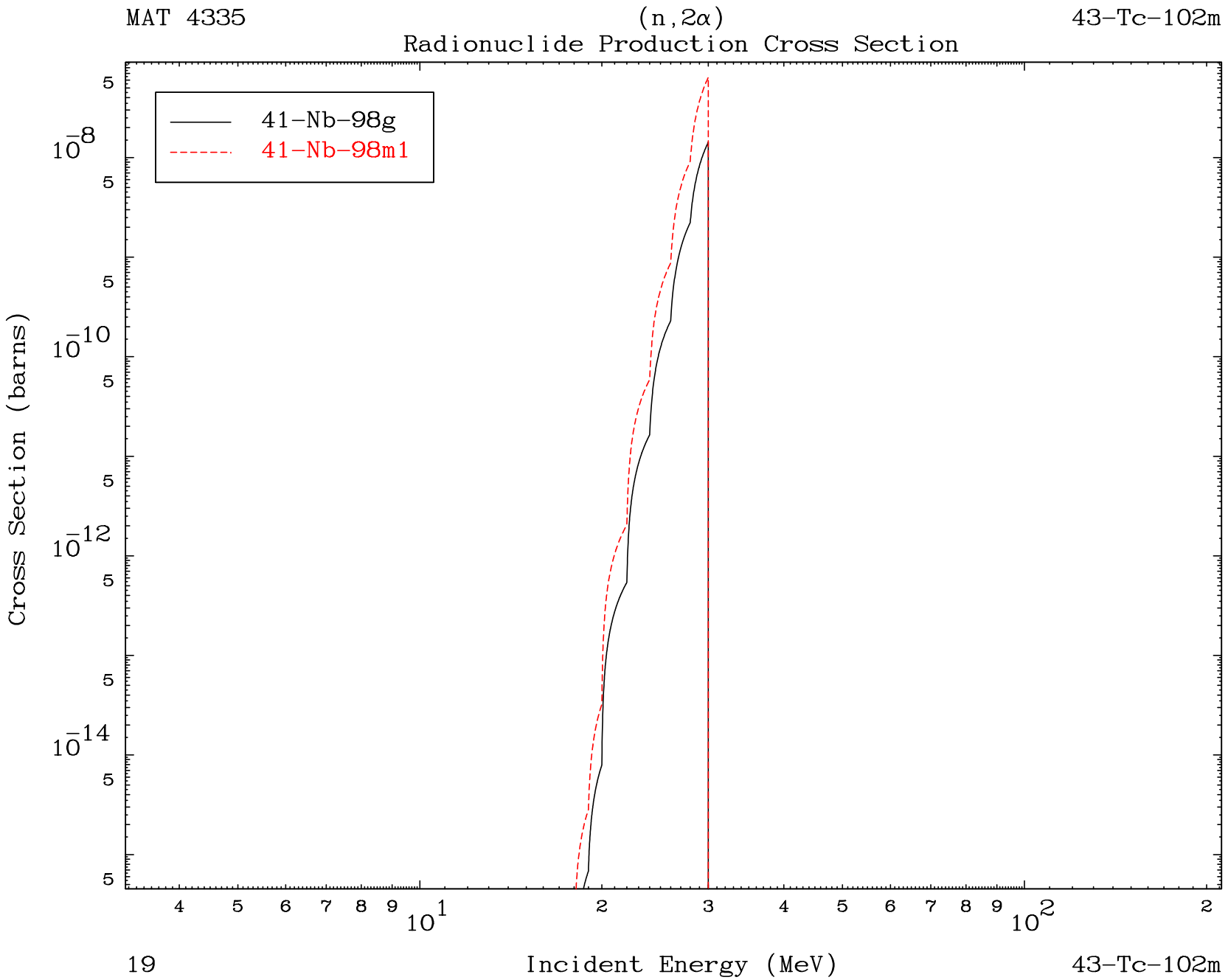

MAT 4335
(n,3n)
43-Tc-102m
Radionuclide Production Cross Section
45-Rh-103g
45-Rh-103m1
Cross Section (barns)
Incident Energy (MeV)
14
43-Tc-102m


MAT 4335
(n,3n) α
43-Tc-102m
Radionuclide Production Cross Section
43-Tc-99g
43-Tc-99m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
10^-16
5
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
43-Tc-102m


MAT 4335
(n,n') He-3
43-Tc-102m
Radionuclide Production Cross Section
43-Tc-102g
43-Tc-102m3
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
3
4
5
6
7
8
9
10^2
2
16
Incident Energy (MeV)
43-Tc-102m


MAT 4335
(n,γ)
43-Tc-102m
Radionuclide Production Cross Section
45-Rh-106g
45-Rh-106m1
Cross Section (barns)
Incident Energy (MeV)
17
43-Tc-102m


MAT 4335
(n,α)
43-Tc-102m
Radionuclide Production Cross Section
43-Tc-102g
43-Tc-102m3
Cross Section (barns)
Incident Energy (MeV)
18
43-Tc-102m


MAT 4335
(n,2α)
43-Tc-102m
Radionuclide Production Cross Section
41-Nb-98g
41-Nb-98m1
Cross Section (barns)
Incident Energy (MeV)
19
43-Tc-102m