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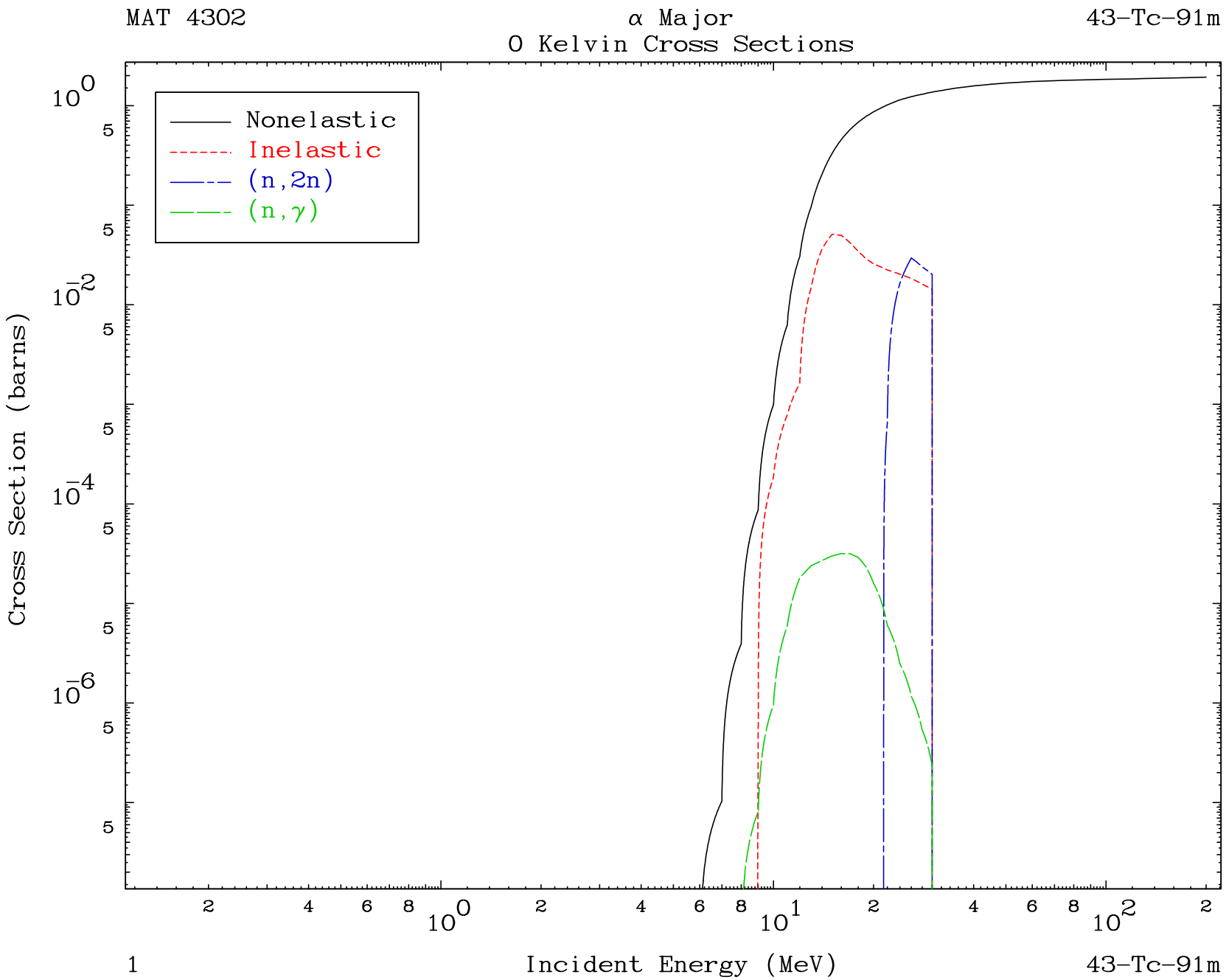
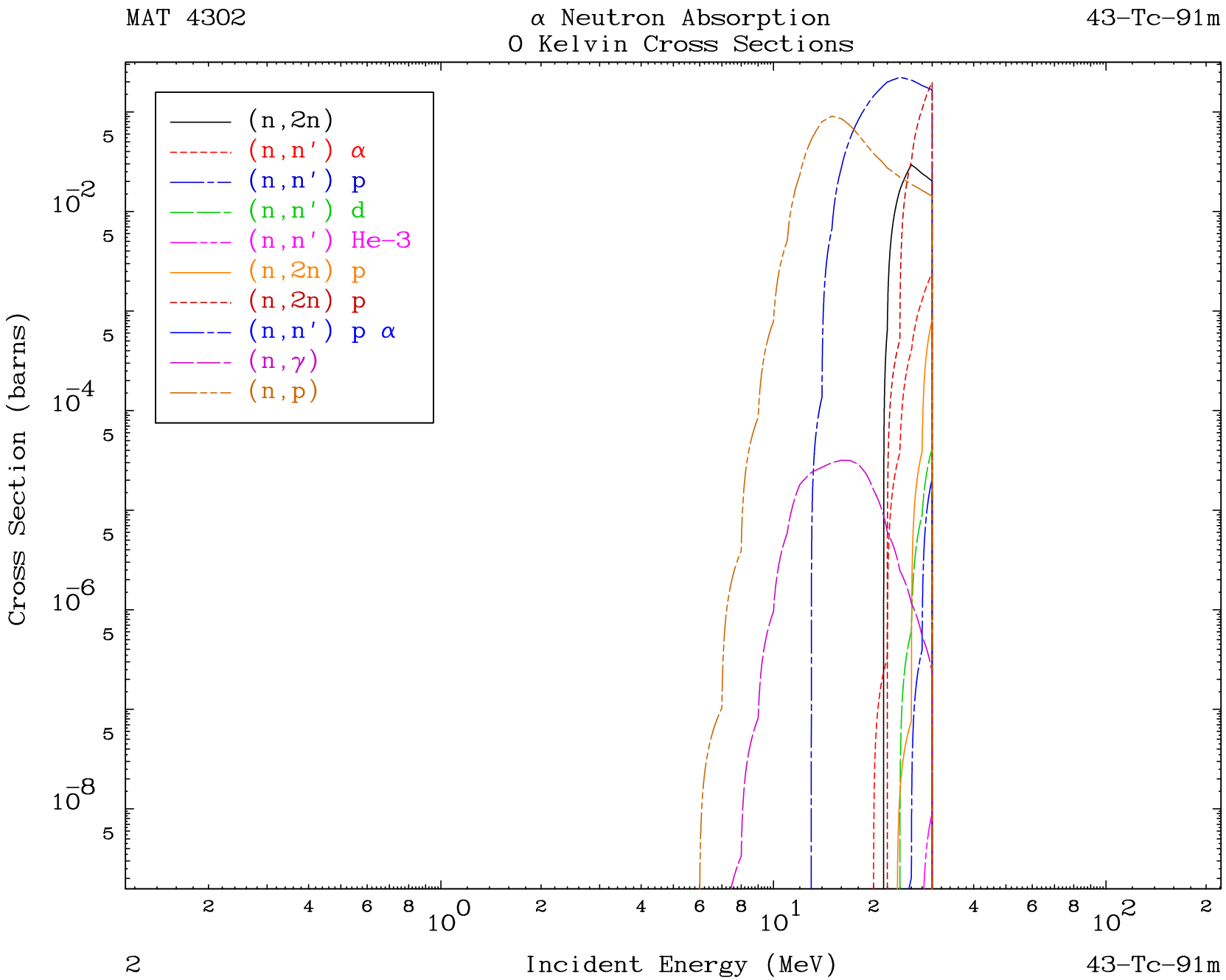
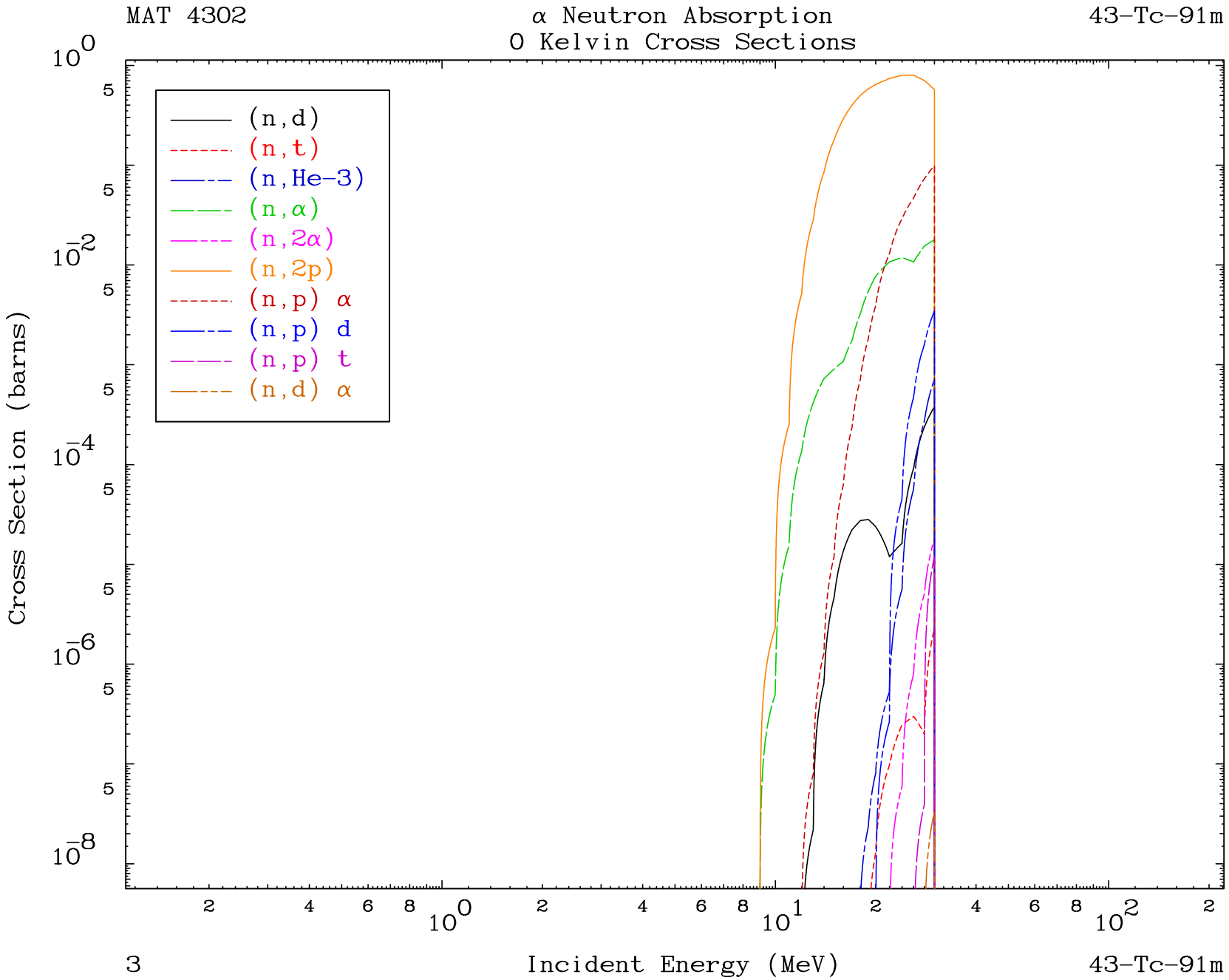
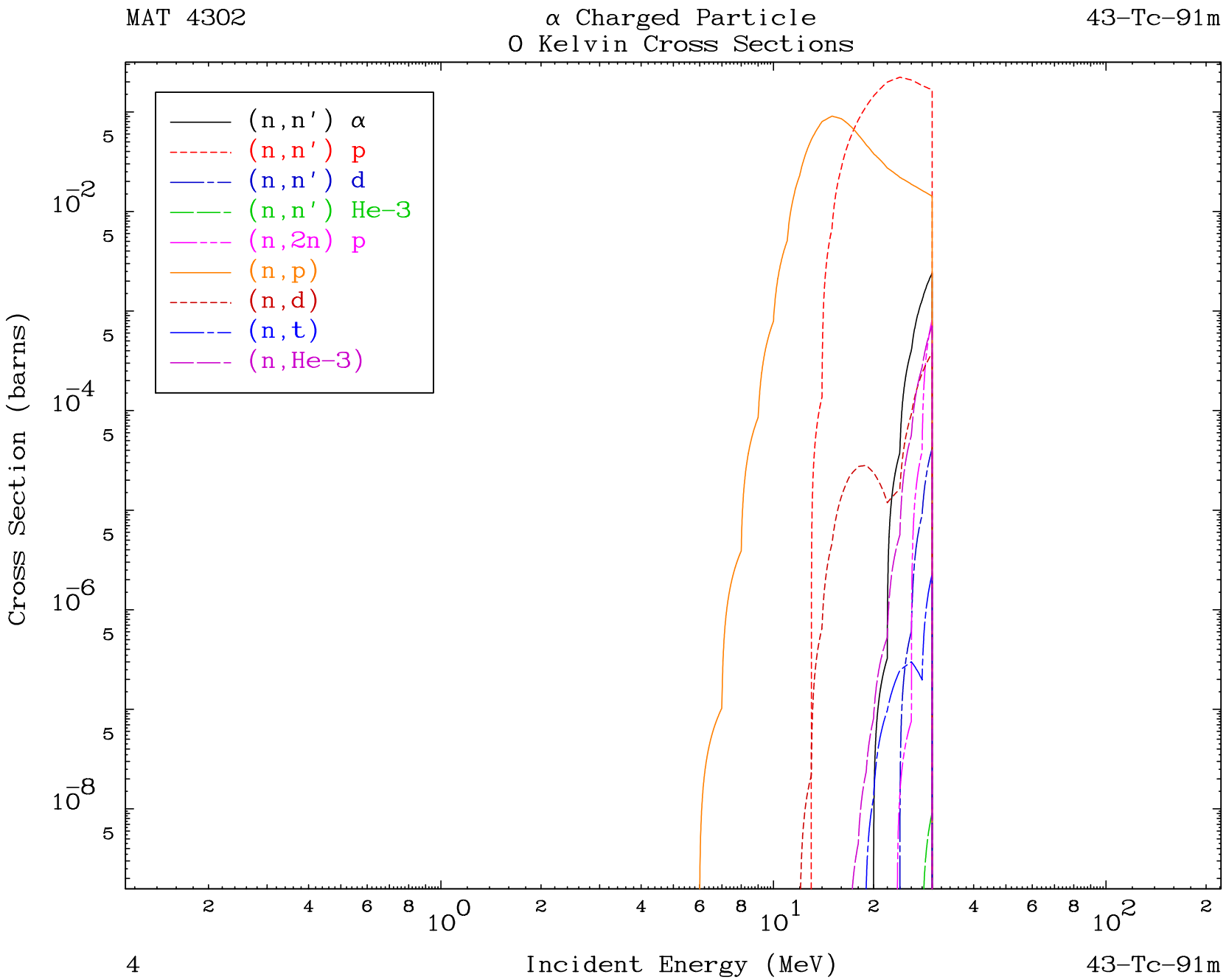
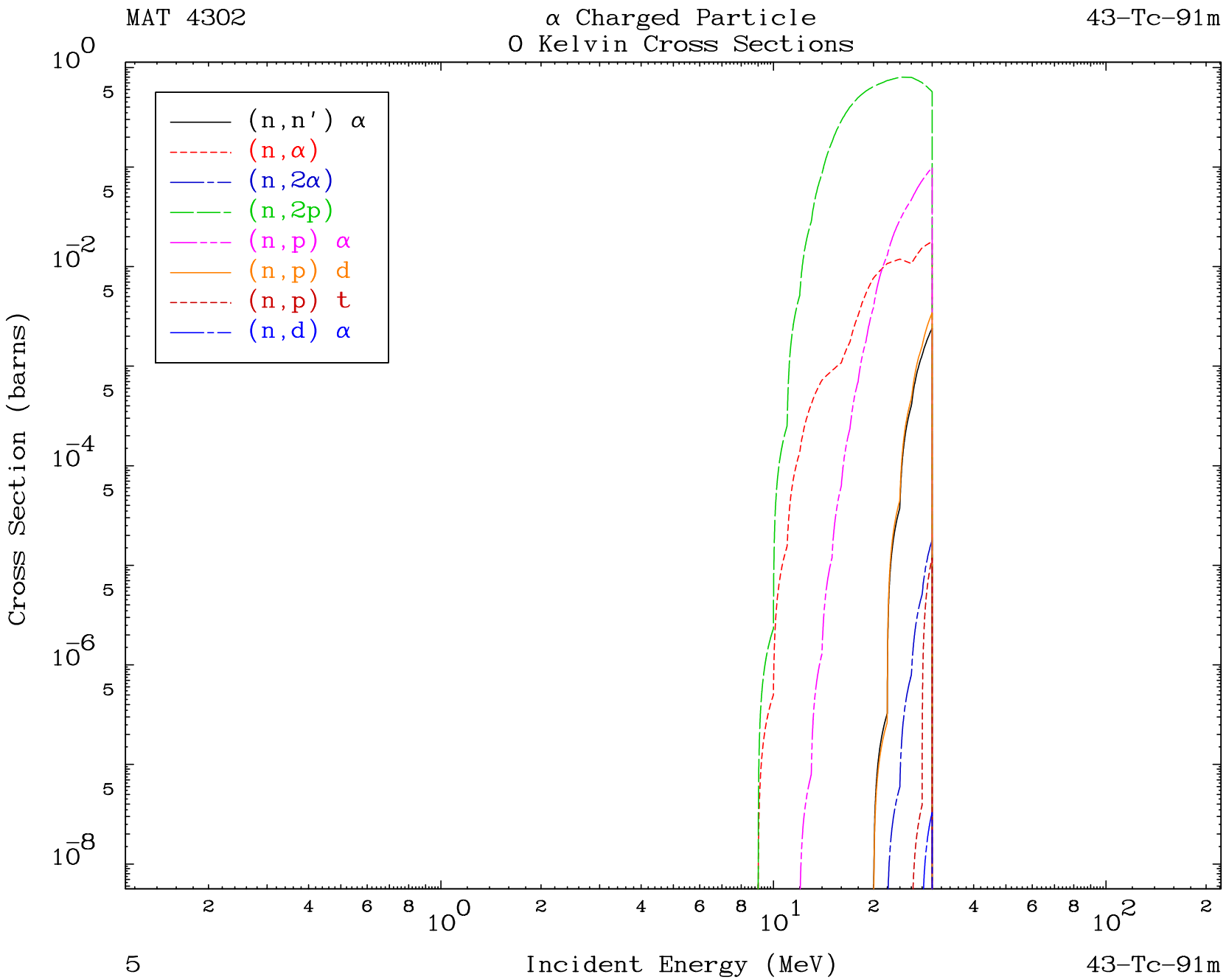
Press Mouse Button to Start

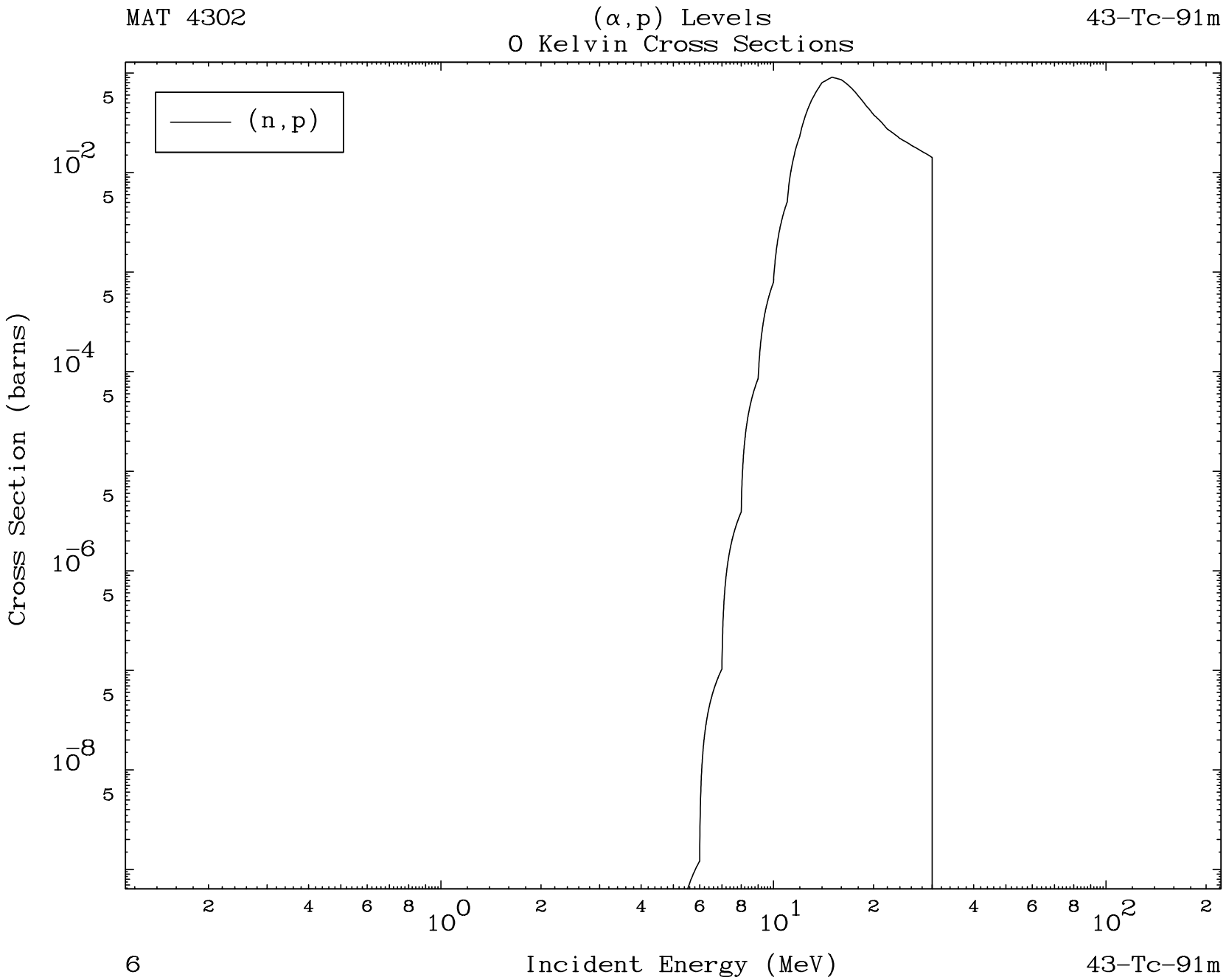

MAT 4302
α Major
43-Tc-91m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
43-Tc-91m

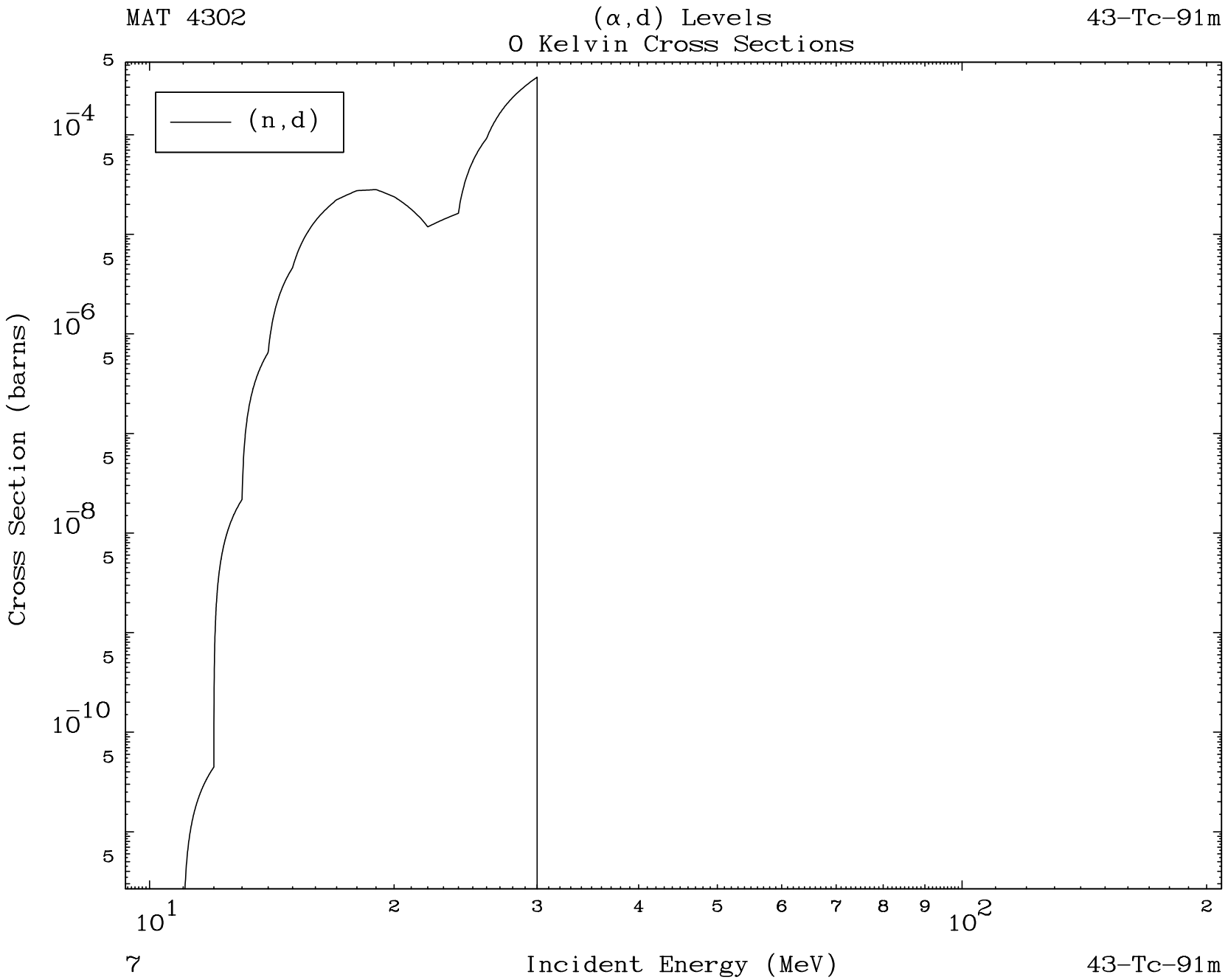

MAT 4302
α Neutron Absorption
0 Kelvin Cross Sections
43-Tc-91m
(n,2n)
(n,n') α
(n,n') p
(n,n') d
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
43-Tc-91m
2

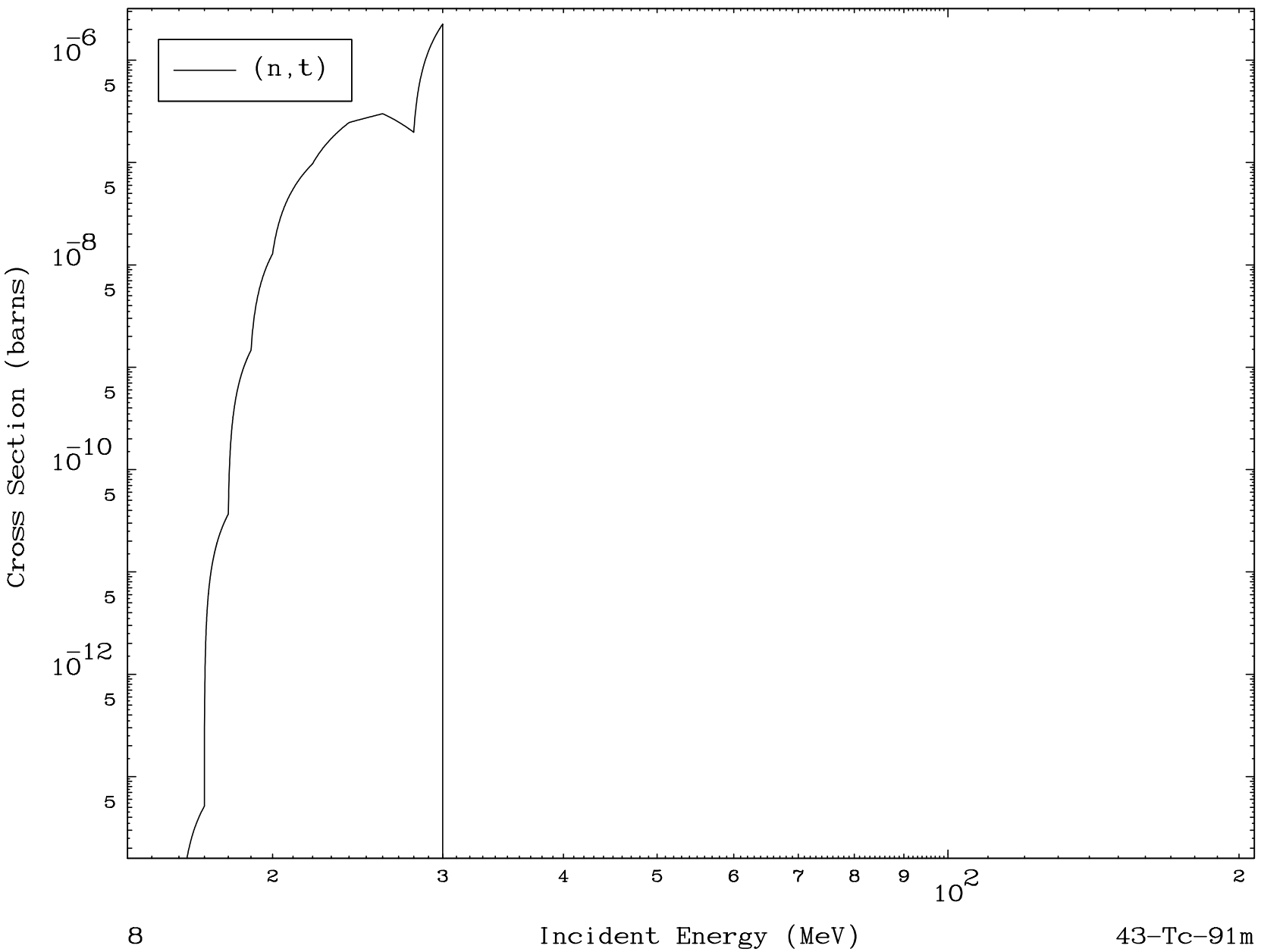

MAT 4302
α Neutron Absorption
0 Kelvin Cross Sections
43-Tc-91m
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
43-Tc-91m

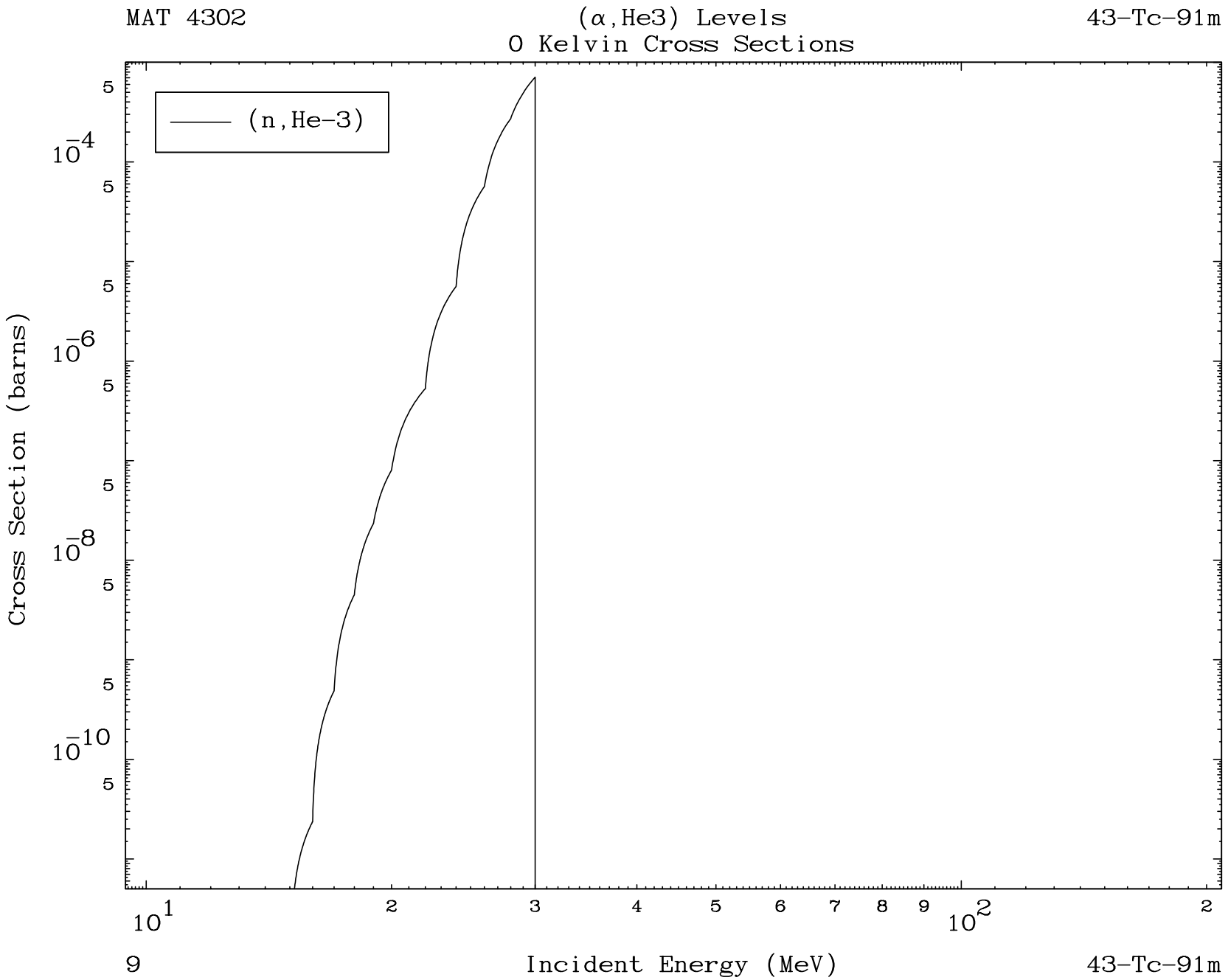

MAT 4302
α Charged Particle
0 Kelvin Cross Sections
43-Tc-91m
(n,n') α
(n,n') p
(n,n') d
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
4
43-Tc-91m

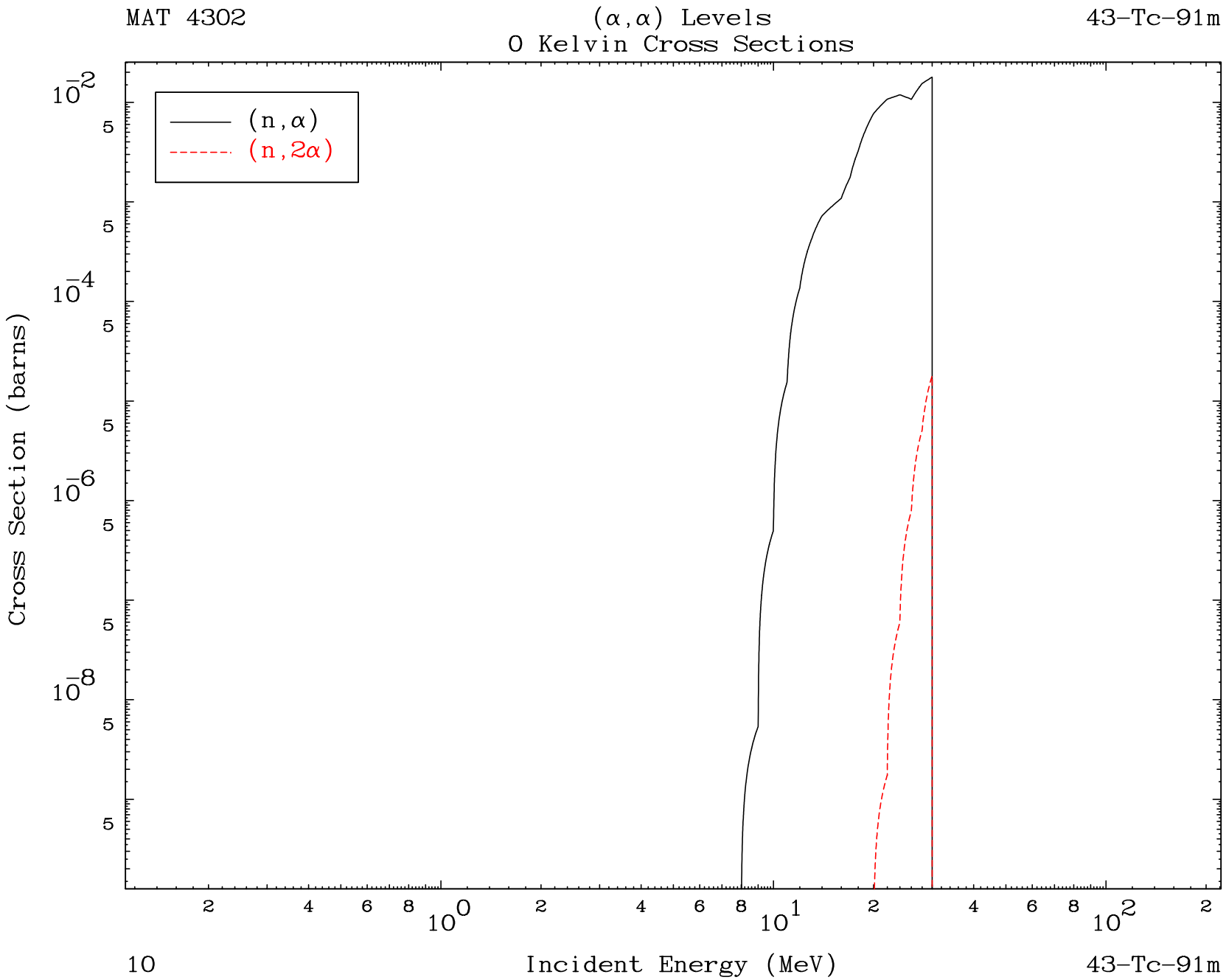

MAT 4302
α Charged Particle
0 Kelvin Cross Sections
43-Tc-91m
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
43-Tc-91m

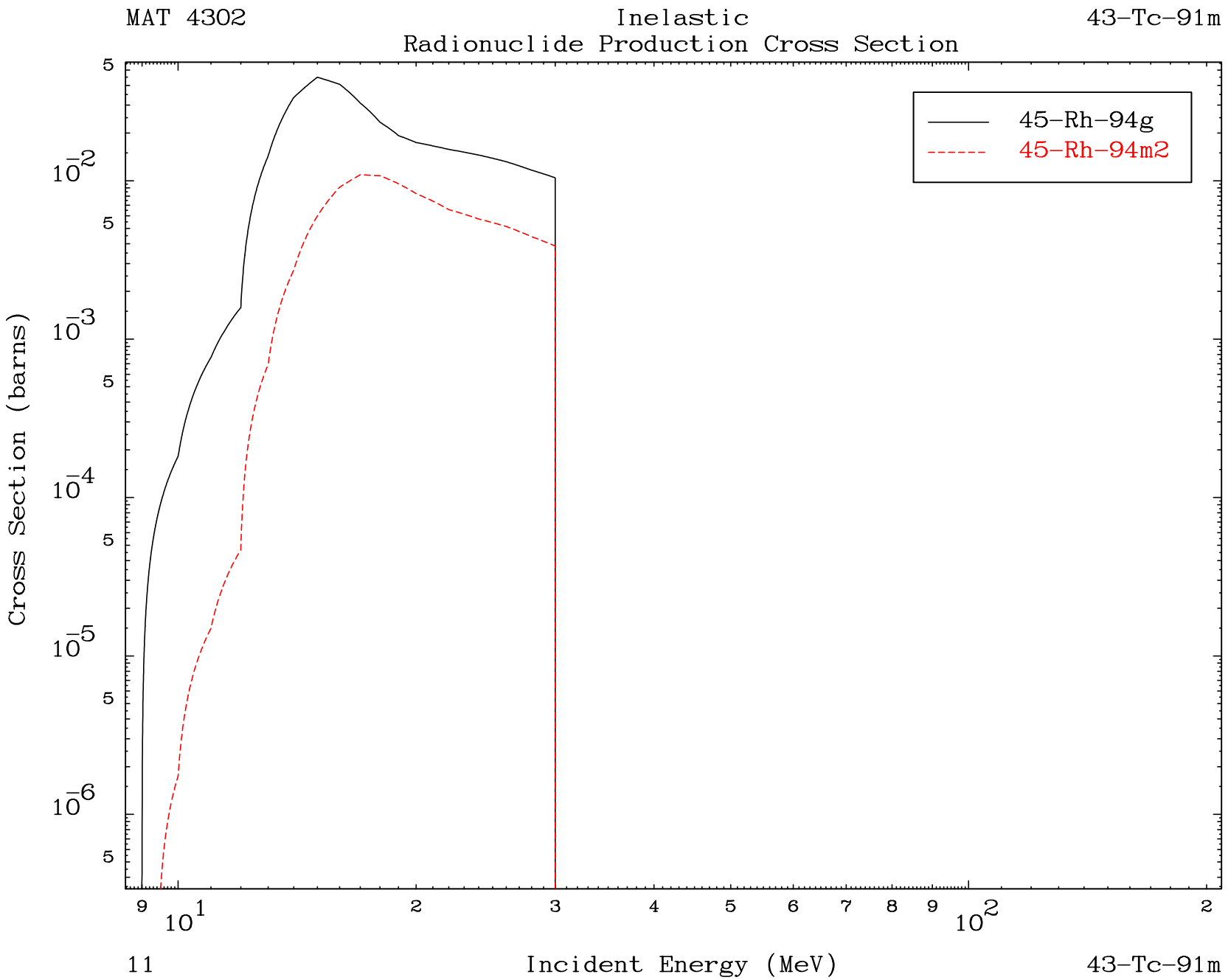

MAT 4302
(α,p) Levels
43-Tc-91m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
6
43-Tc-91m

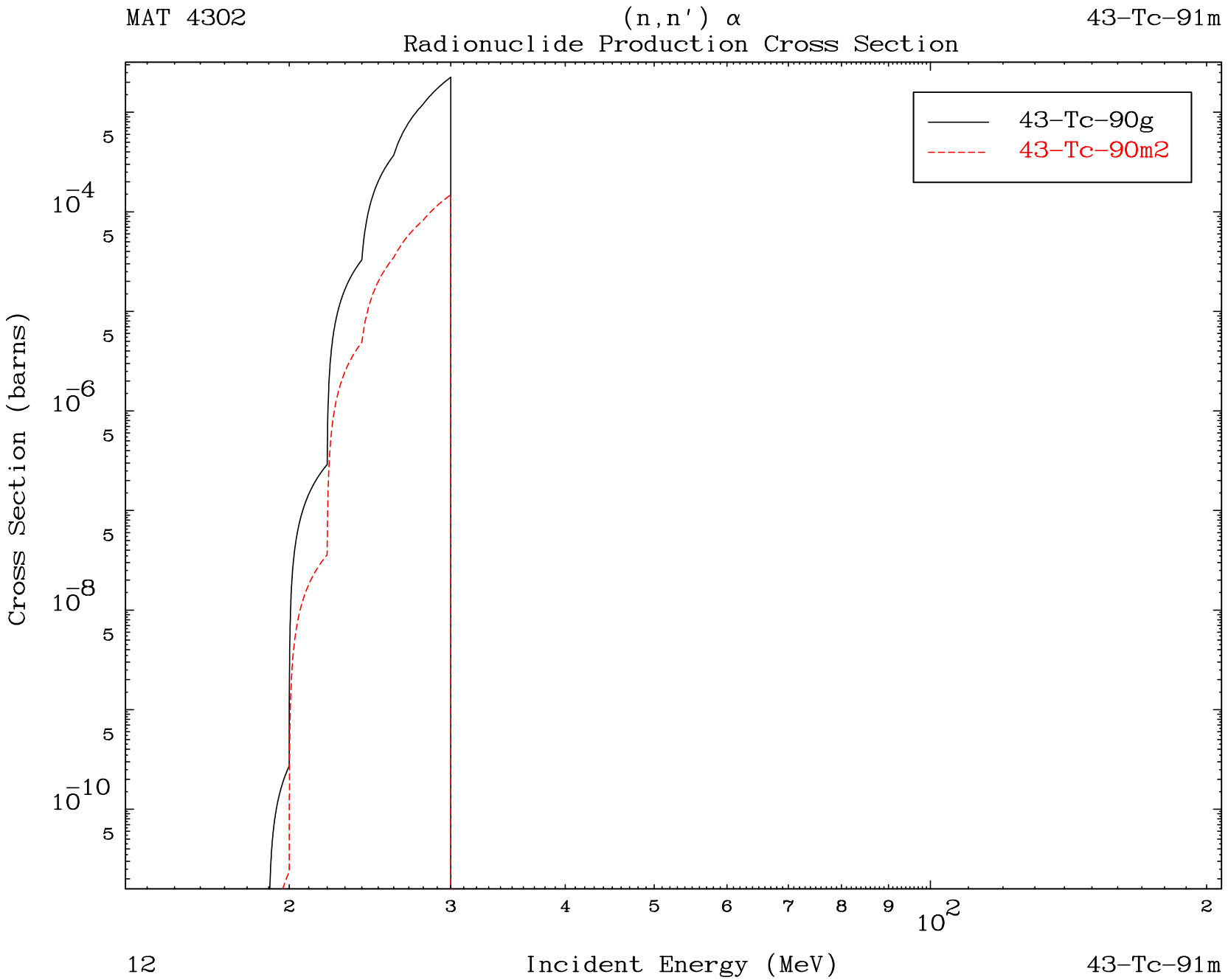

MAT 4302
(α,d) Levels
43-Tc-91m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
7
43-Tc-91m

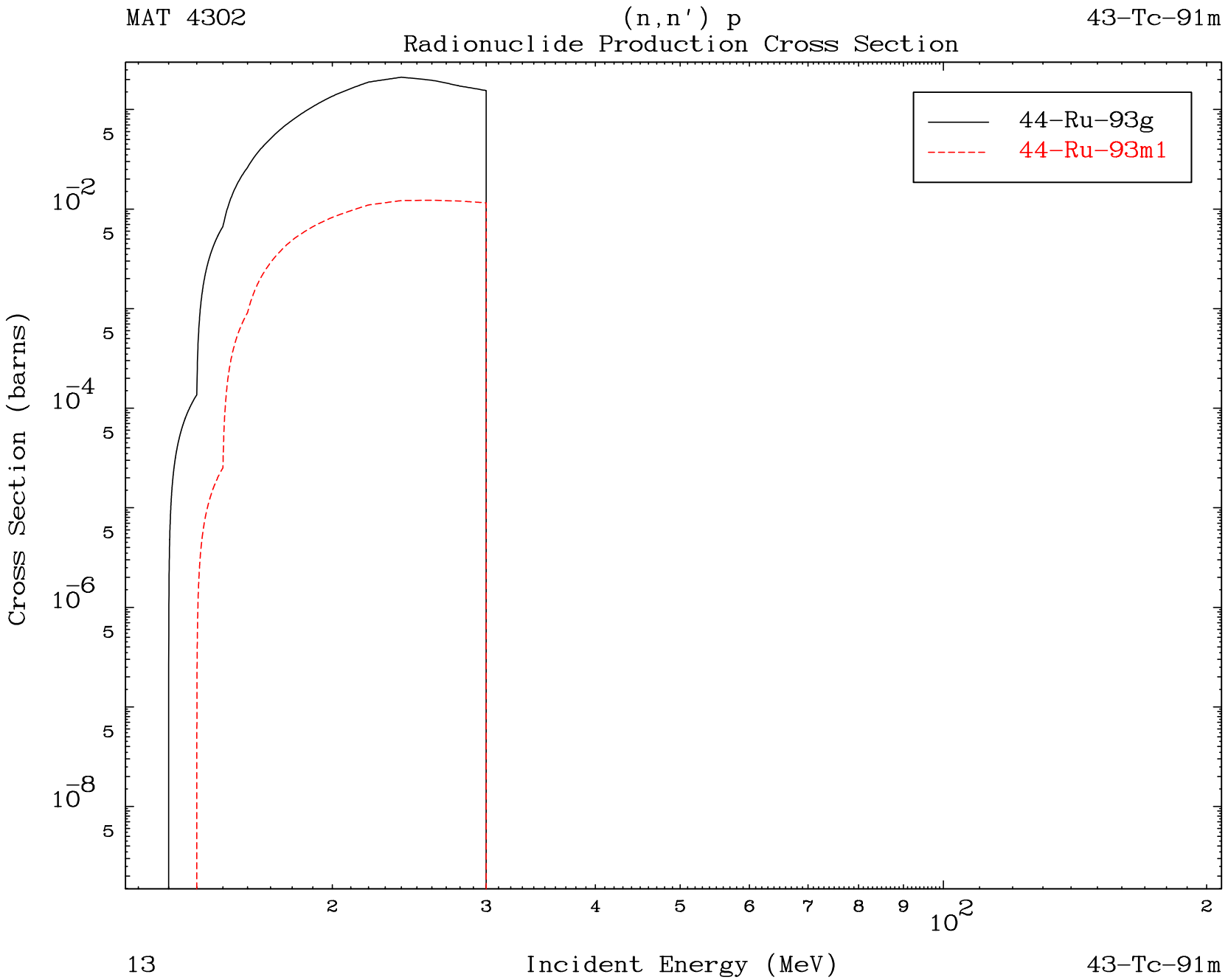

0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-6
5
10^-8
5
10^-10
5
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

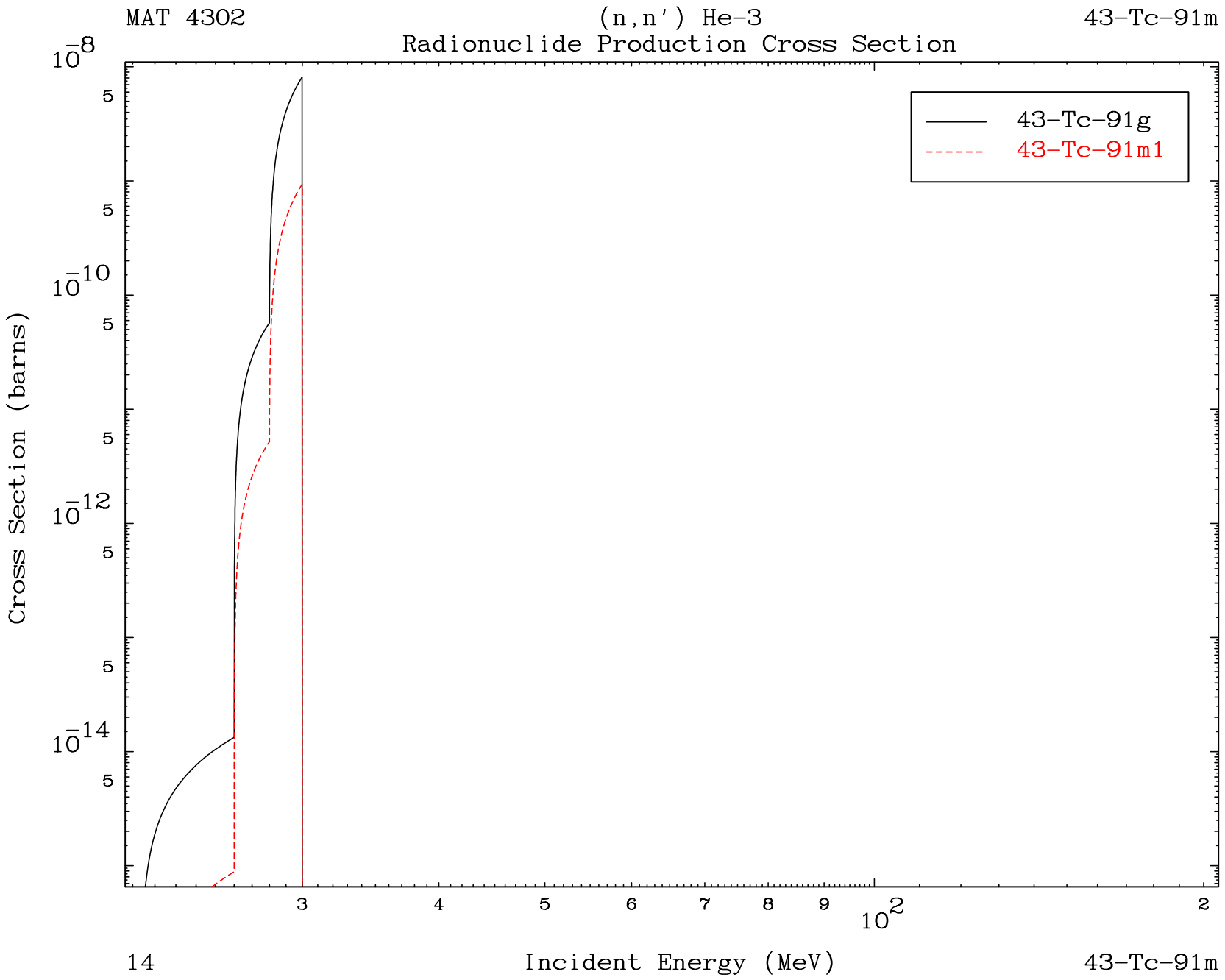

MAT 4302
(α,He3) Levels
43-Tc-91m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
101
102
43-Tc-91m

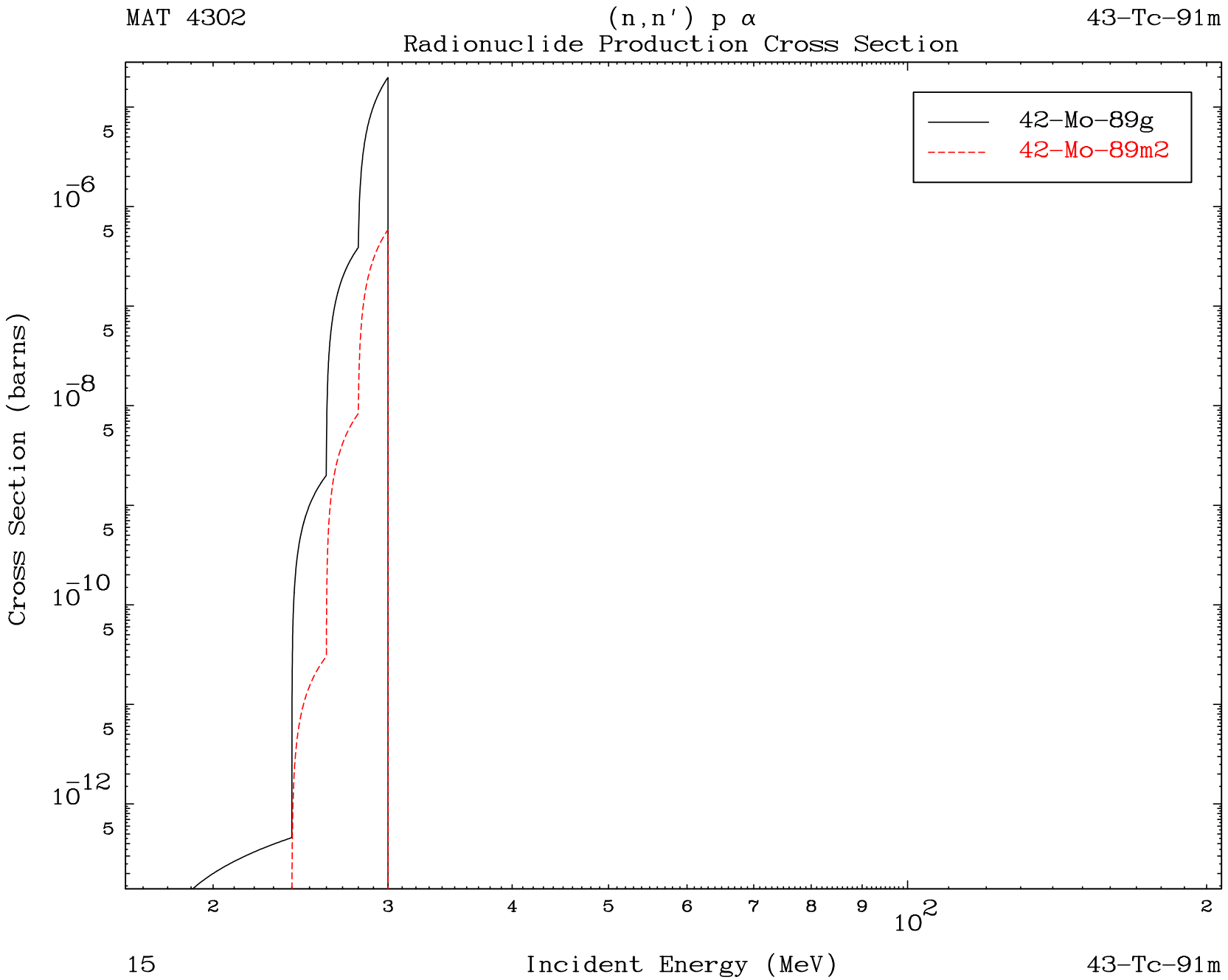

MAT 4302
(α,α) Levels
43-Tc-91m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
43-Tc-91m

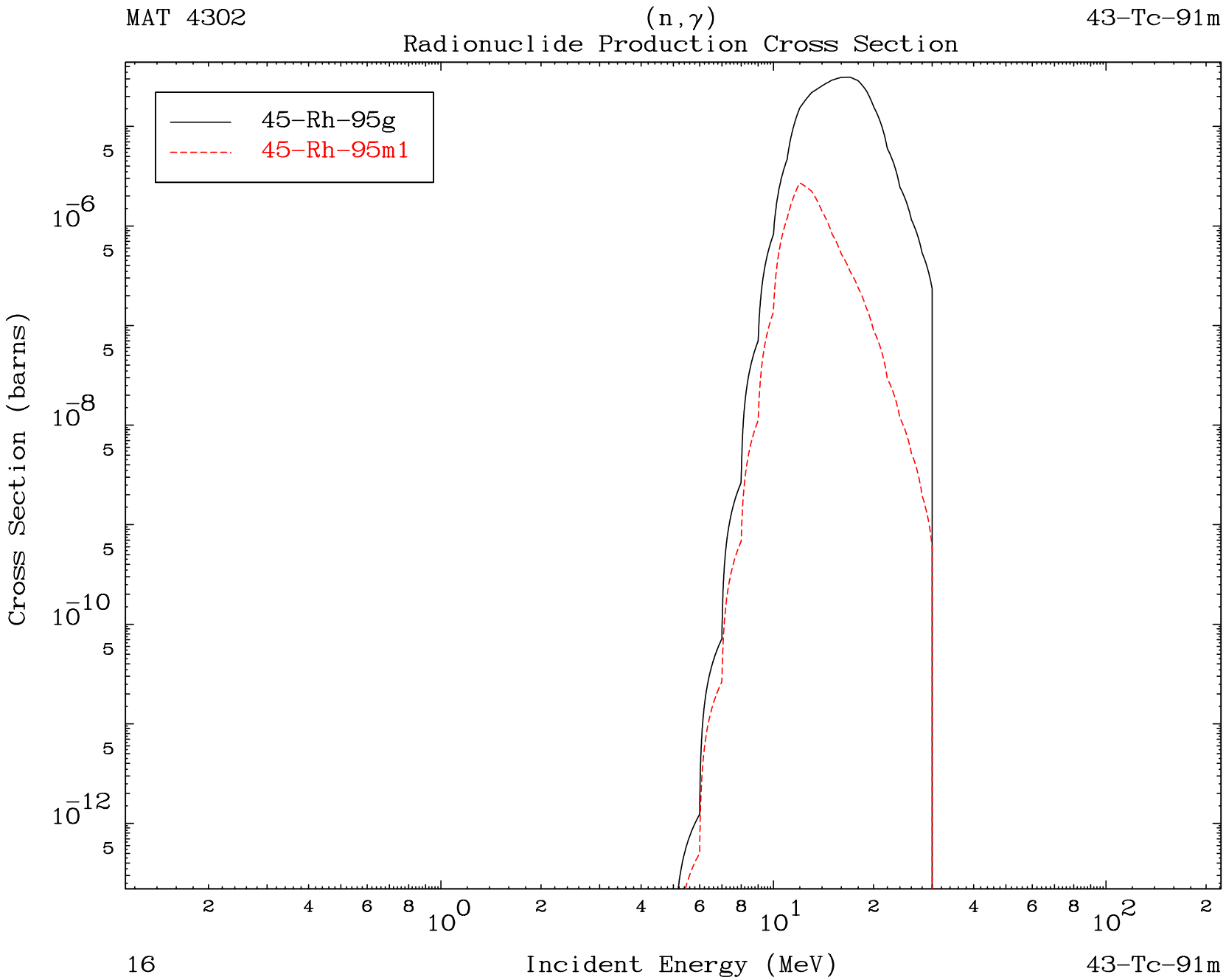

MAT 4302
Inelastic
43-Tc-91m
Radionuclide Production Cross Section
45-Rh-94g
45-Rh-94m2
Cross Section (barns)
Incident Energy (MeV)
11
43-Tc-91m

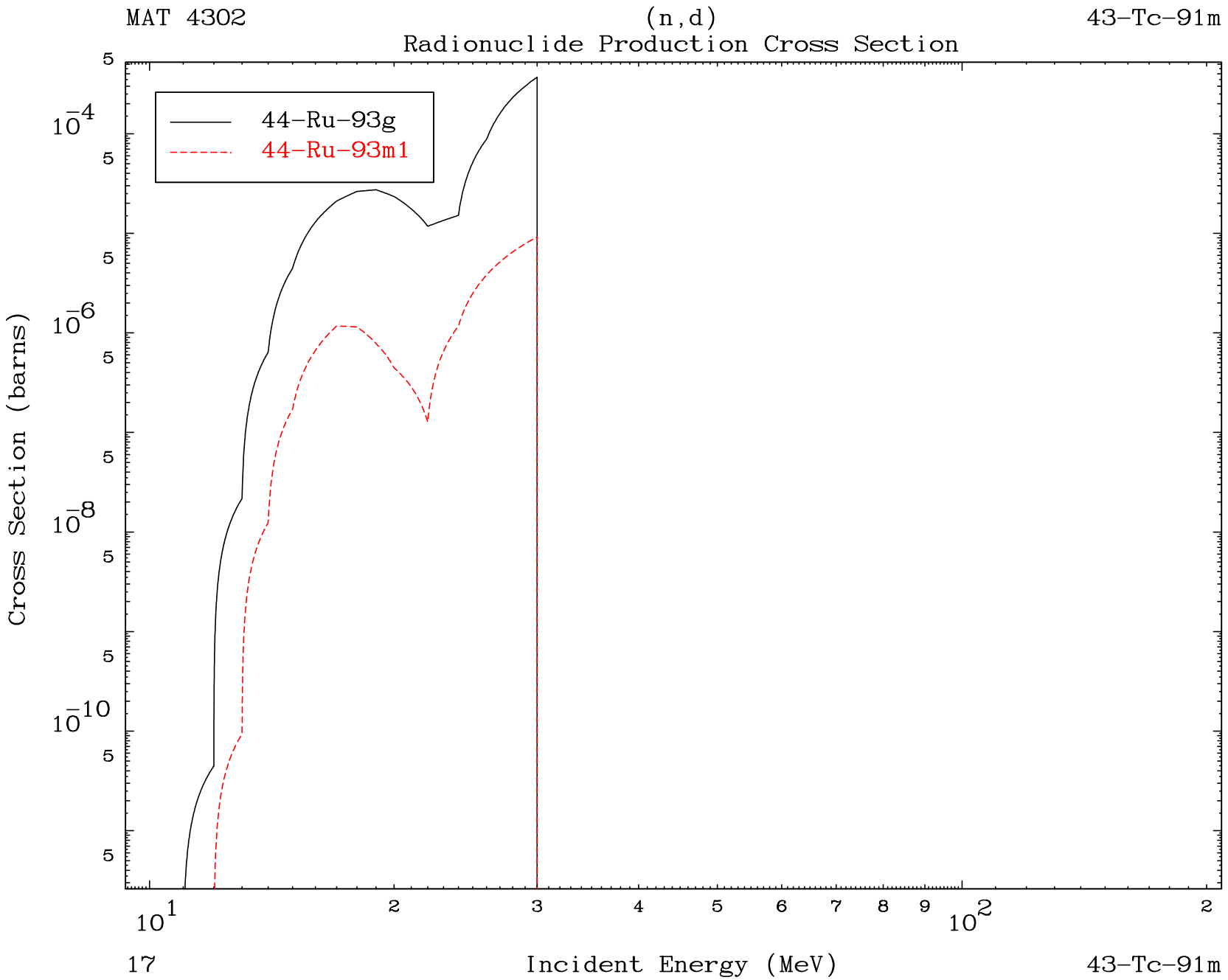

MAT 4302
(n,n') α
43-Tc-91m
Radionuclide Production Cross Section
43-Tc-90g
43-Tc-90m2
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
43-Tc-91m

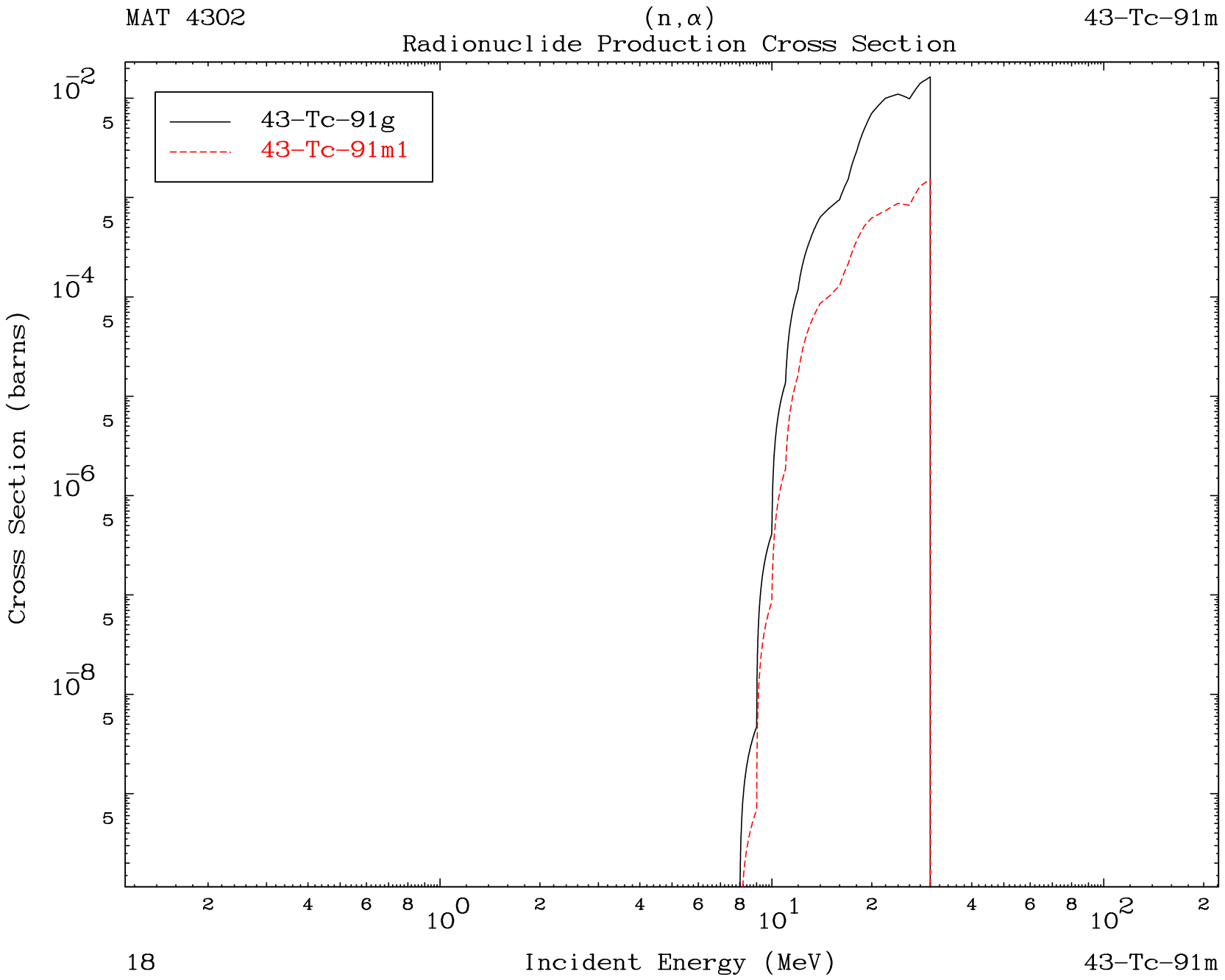

MAT 4302
(n,n') p
43-Tc-91m
Radionuclide Production Cross Section
44-Ru-93g
44-Ru-93m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
43-Tc-91m

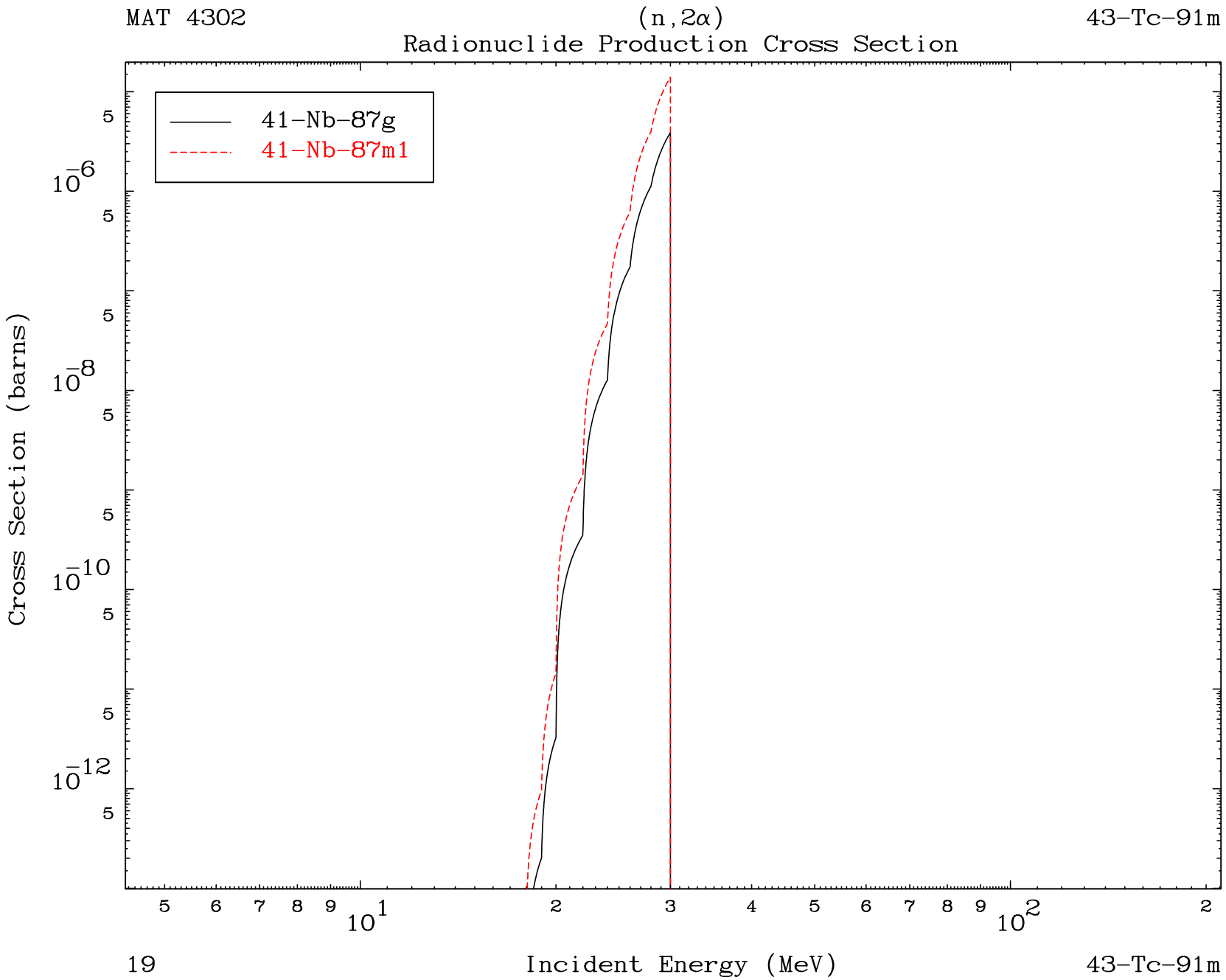

MAT 4302
(n,n') He-3
43-Tc-91m
Radionuclide Production Cross Section
43-Tc-91g
43-Tc-91m1
Cross Section (barns)
Incident Energy (MeV)
14
43-Tc-91m

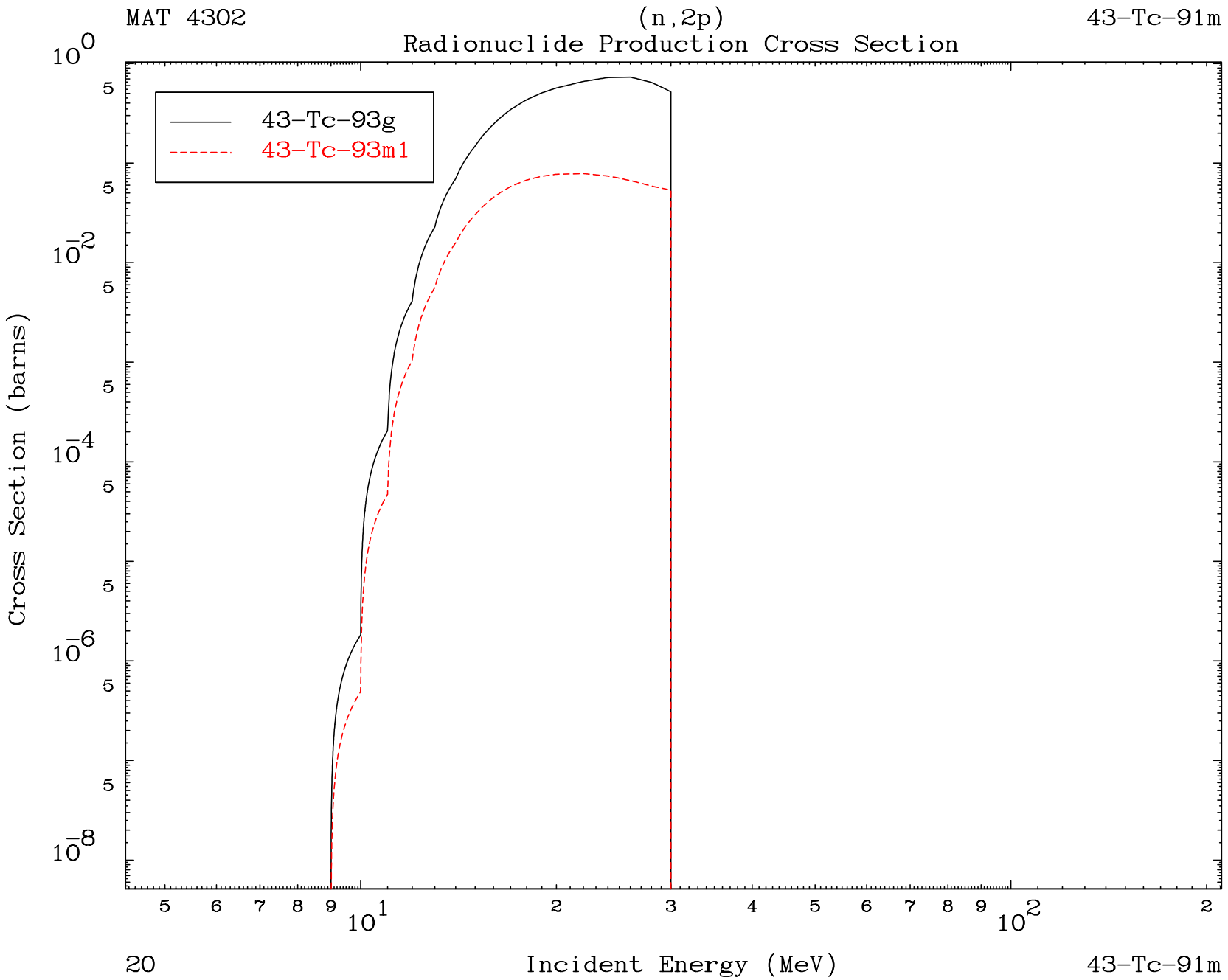

MAT 4302
(n,n') p α
43-Tc-91m
Radionuclide Production Cross Section
42-Mo-89g
42-Mo-89m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
43-Tc-91m

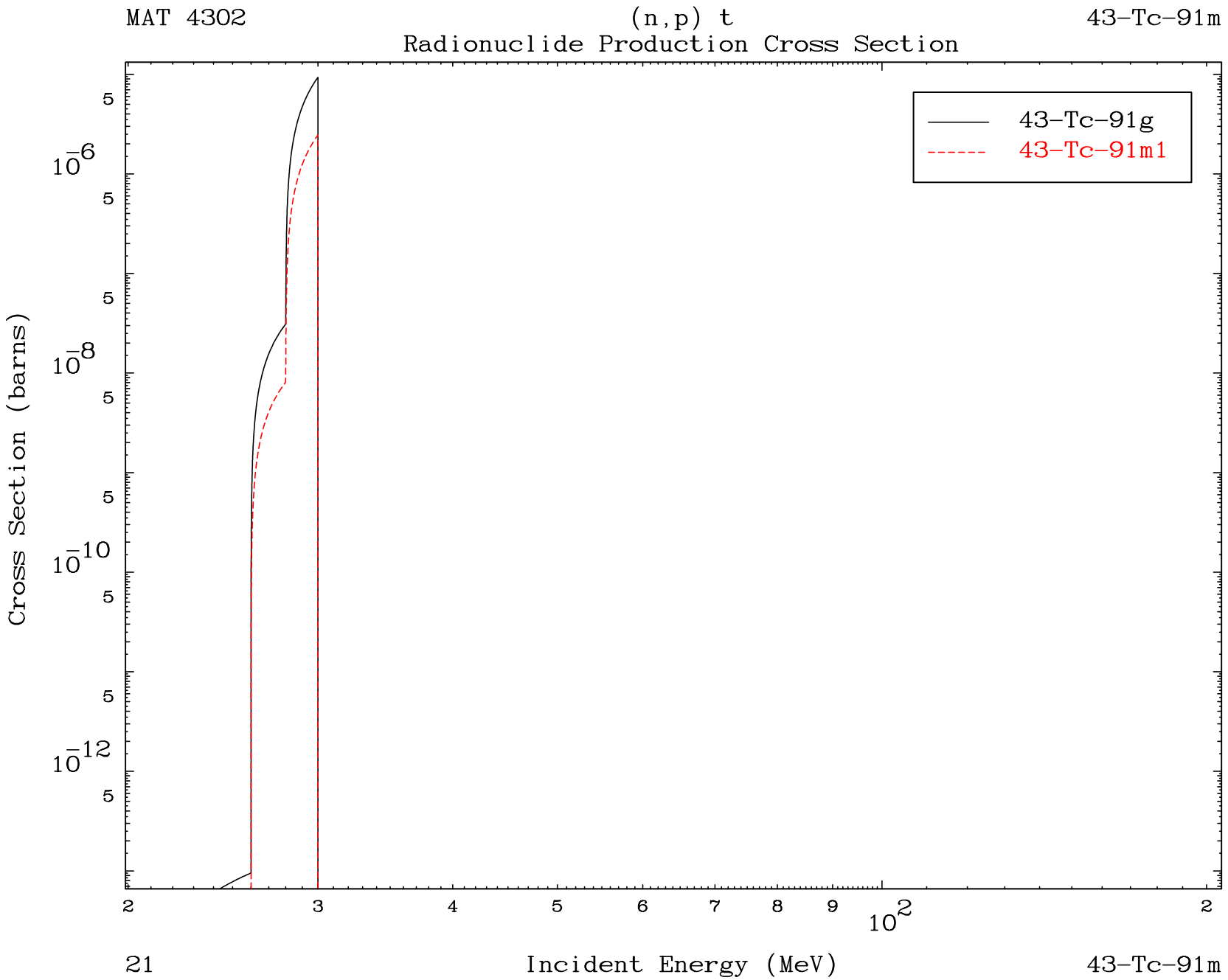

MAT 4302
(n,γ)
43-Tc-91m
Radionuclide Production Cross Section
45-Rh-95g
45-Rh-95m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
4
6
8
100
101
102
16
Incident Energy (MeV)
43-Tc-91m

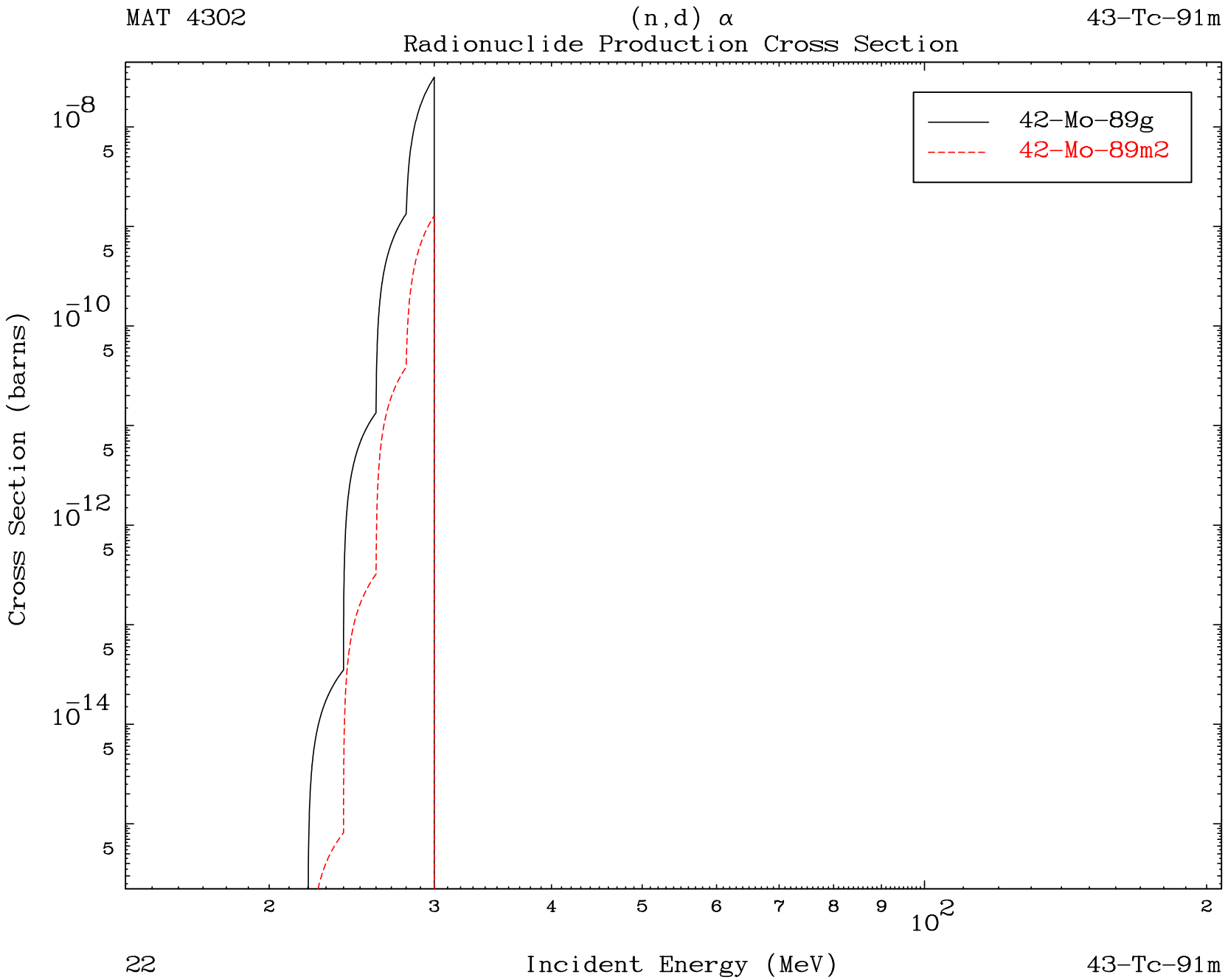

MAT 4302
(n,d)
43-Tc-91m
Radionuclide Production Cross Section
44-Ru-93g
44-Ru-93m1
Cross Section (barns)
Incident Energy (MeV)
17
43-Tc-91m


MAT 4302
(n,α)
43-Tc-91m
Radionuclide Production Cross Section
43-Tc-91g
43-Tc-91m1
Cross Section (barns)
Incident Energy (MeV)
18
43-Tc-91m


MAT 4302
(n,2α)
43-Tc-91m
Radionuclide Production Cross Section
41-Nb-87g
41-Nb-87m1
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
19
Incident Energy (MeV)
43-Tc-91m


MAT 4302
(n,2p)
43-Tc-91m
Radionuclide Production Cross Section
43-Tc-93g
43-Tc-93m1
Cross Section (barns)
Incident Energy (MeV)
20
43-Tc-91m


MAT 4302
(n,p) t
43-Tc-91m
Radionuclide Production Cross Section
43-Tc-91g
43-Tc-91m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
21
Incident Energy (MeV)
43-Tc-91m


MAT 4302
(n,d) α
43-Tc-91m
Radionuclide Production Cross Section
42-Mo-89g
42-Mo-89m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
6
7
8
9
10^2
22
Incident Energy (MeV)
43-Tc-91m