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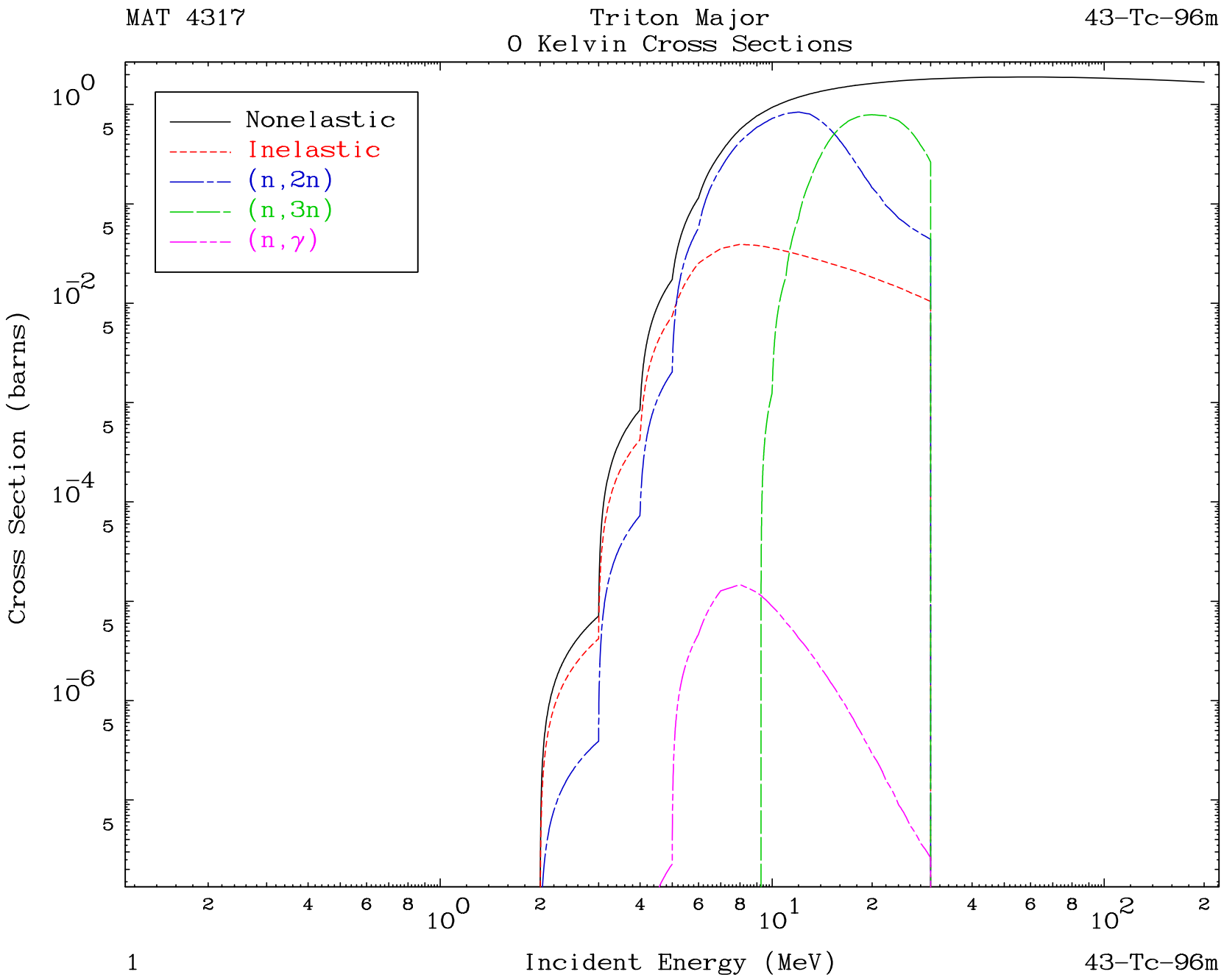
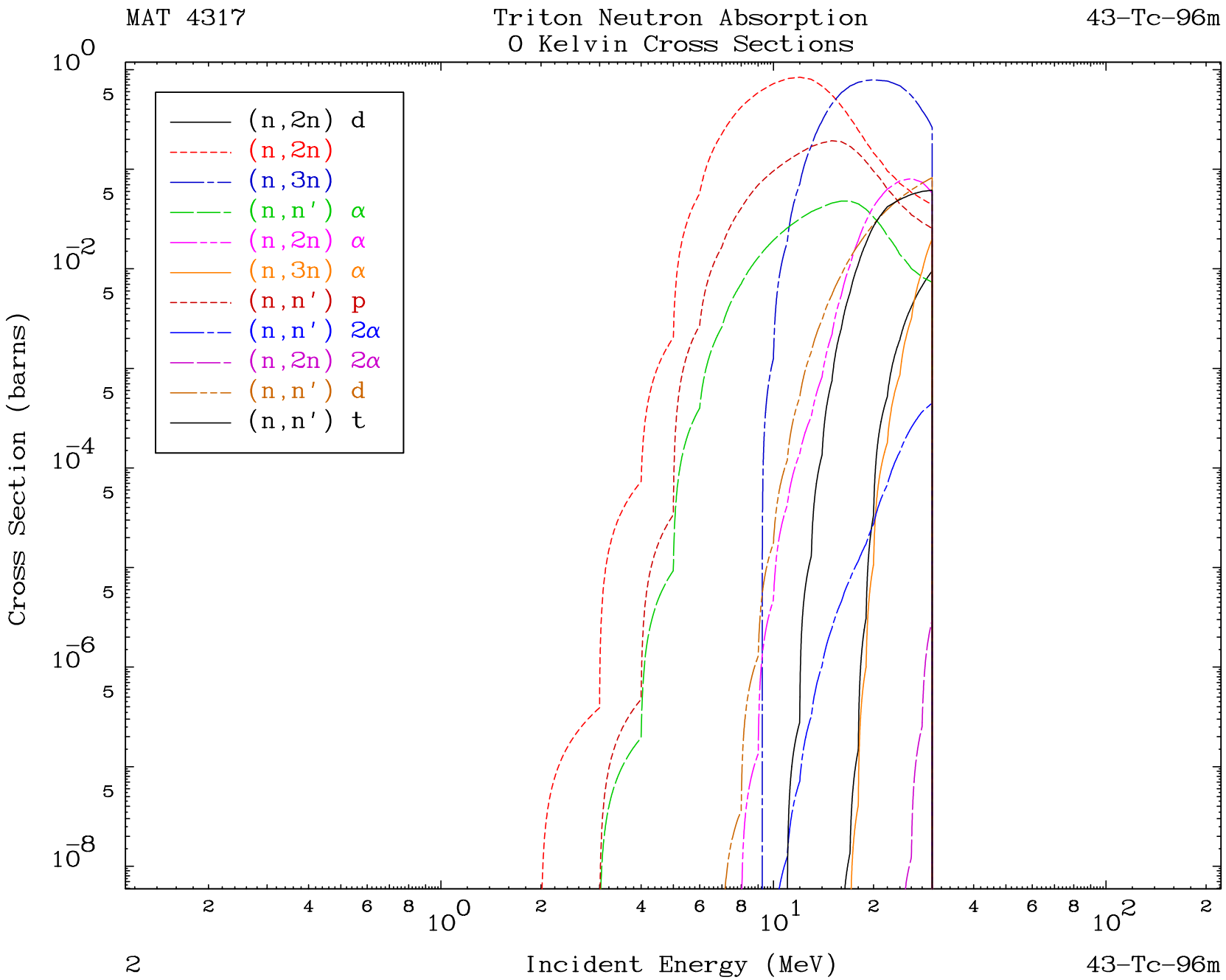
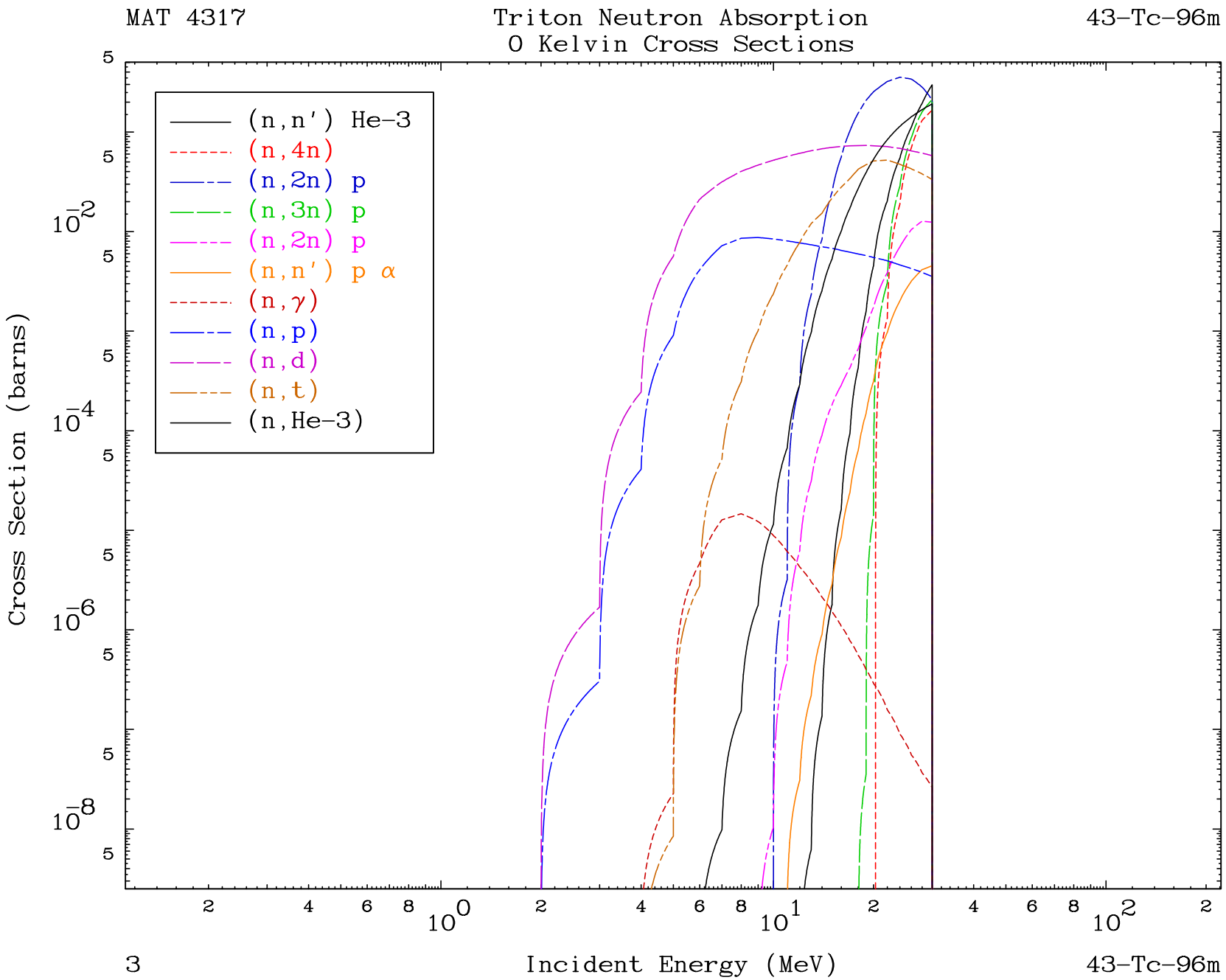
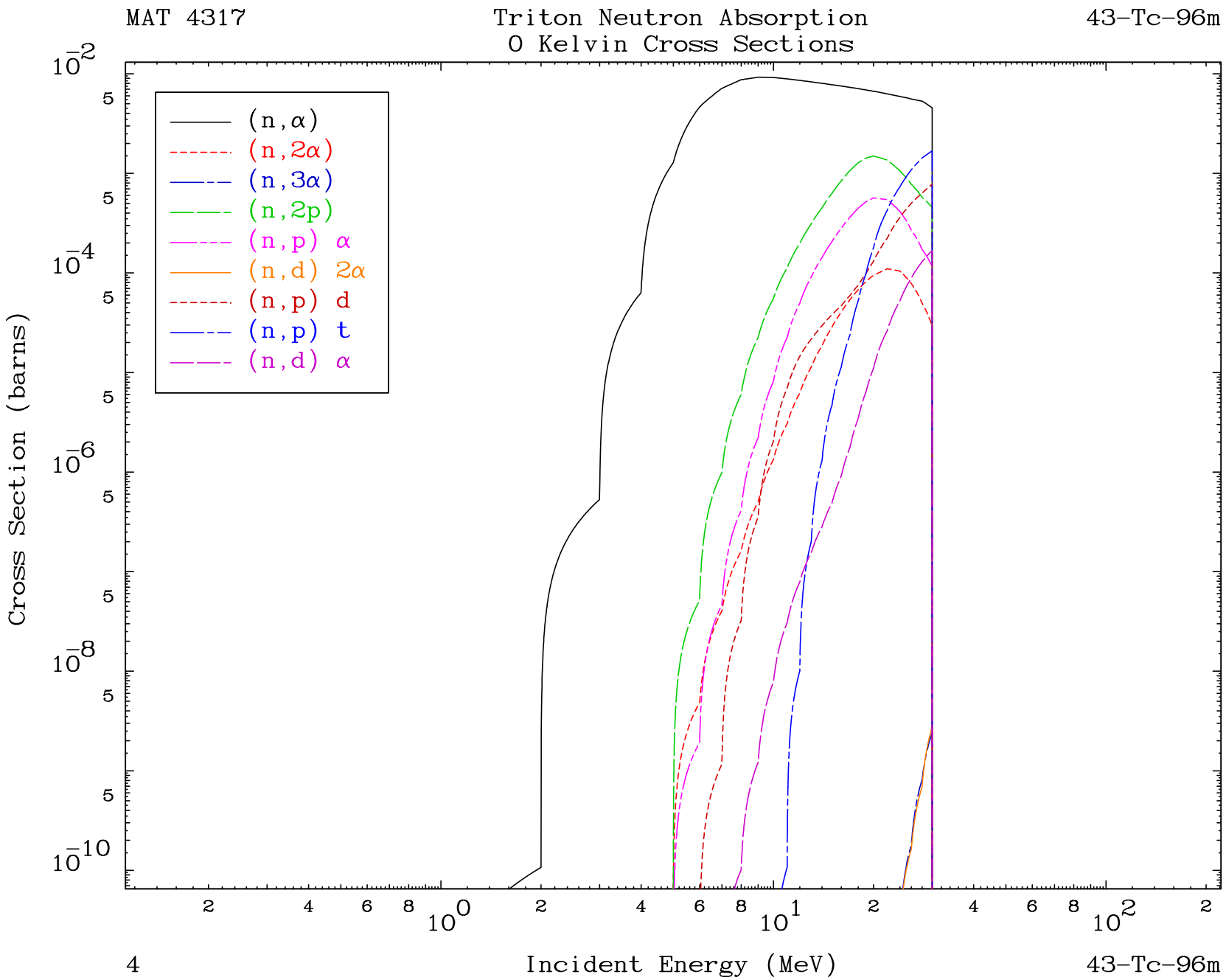
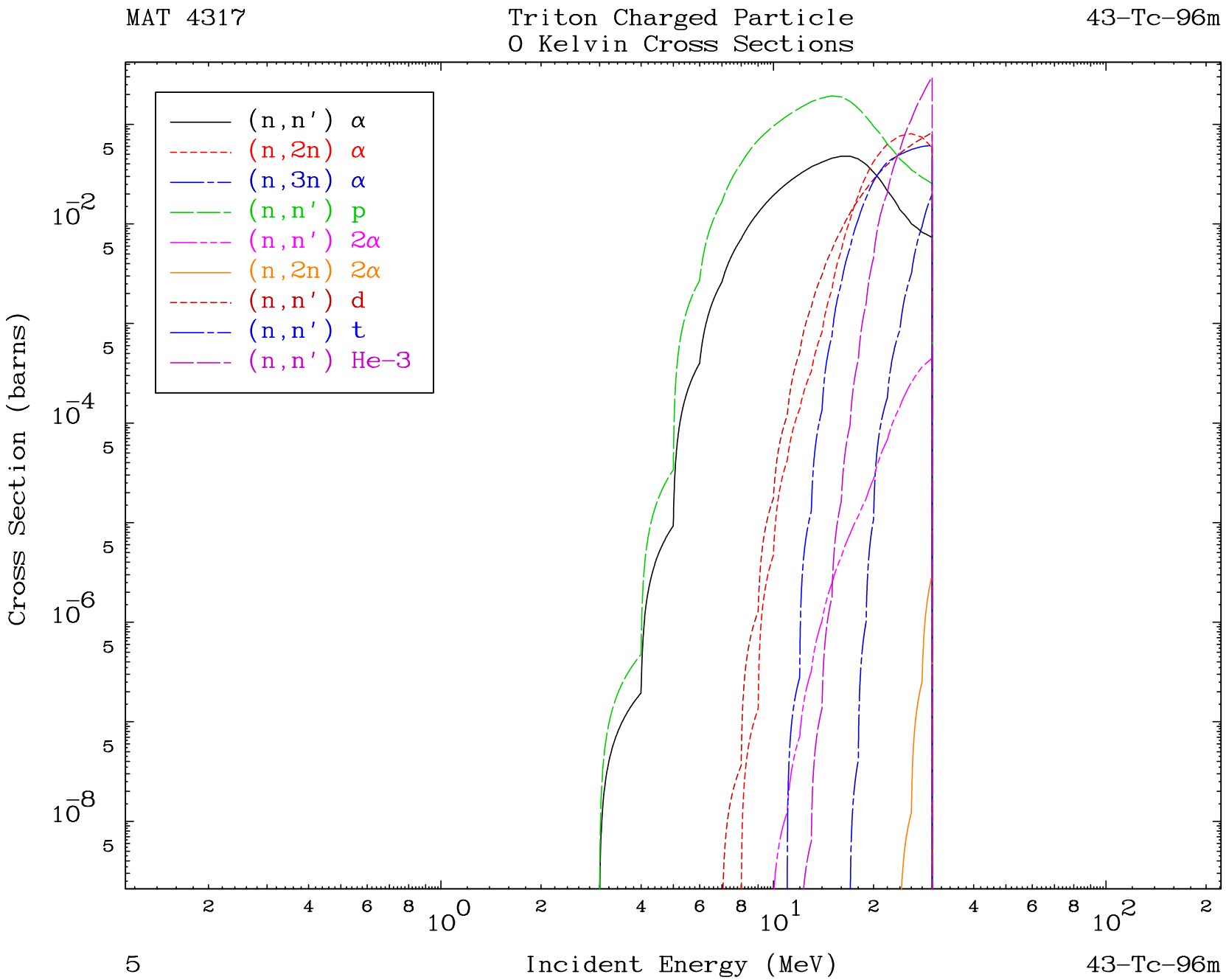
Press Mouse Button to Start

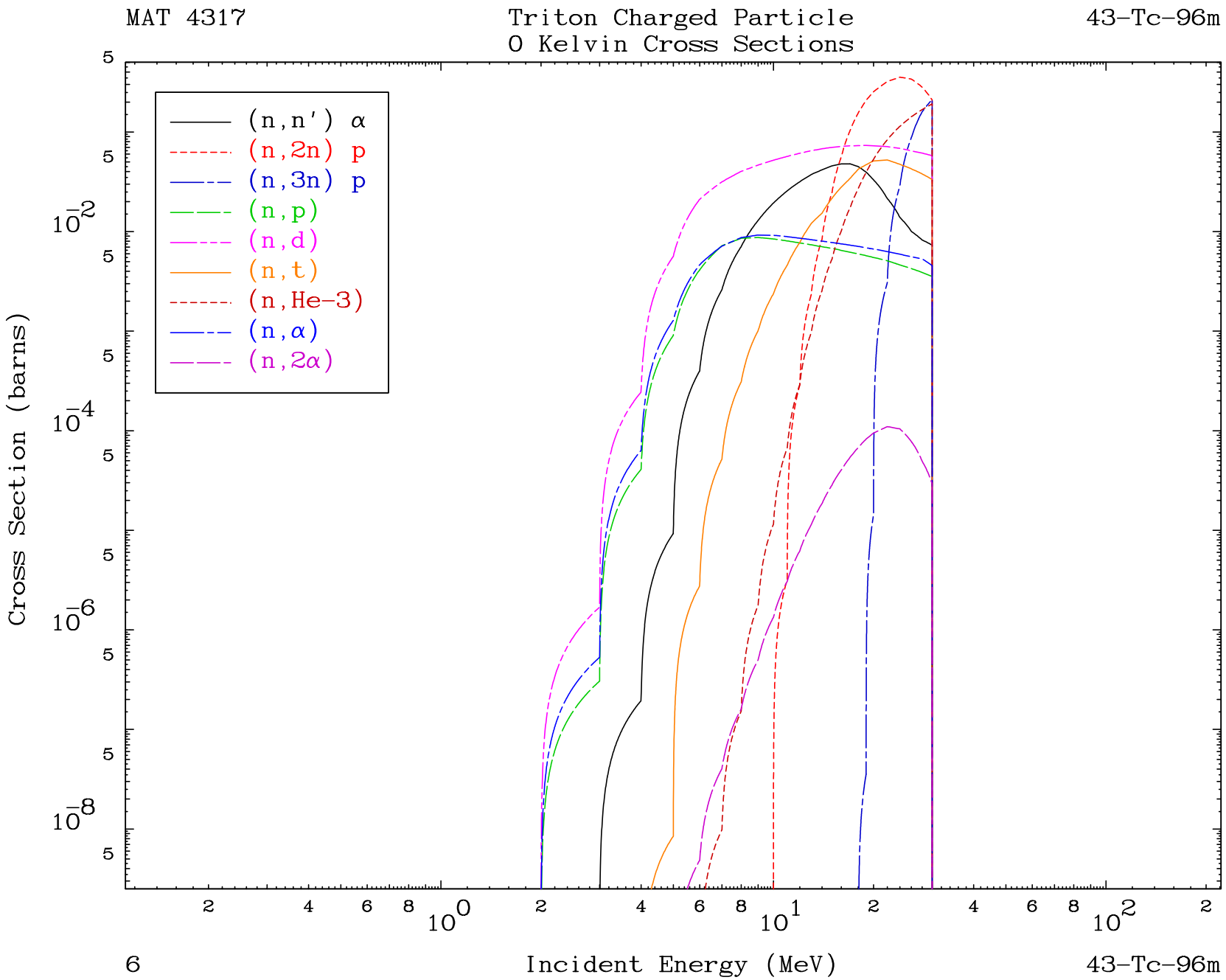

MAT 4317
Triton Major
43-Tc-96m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
43-Tc-96m

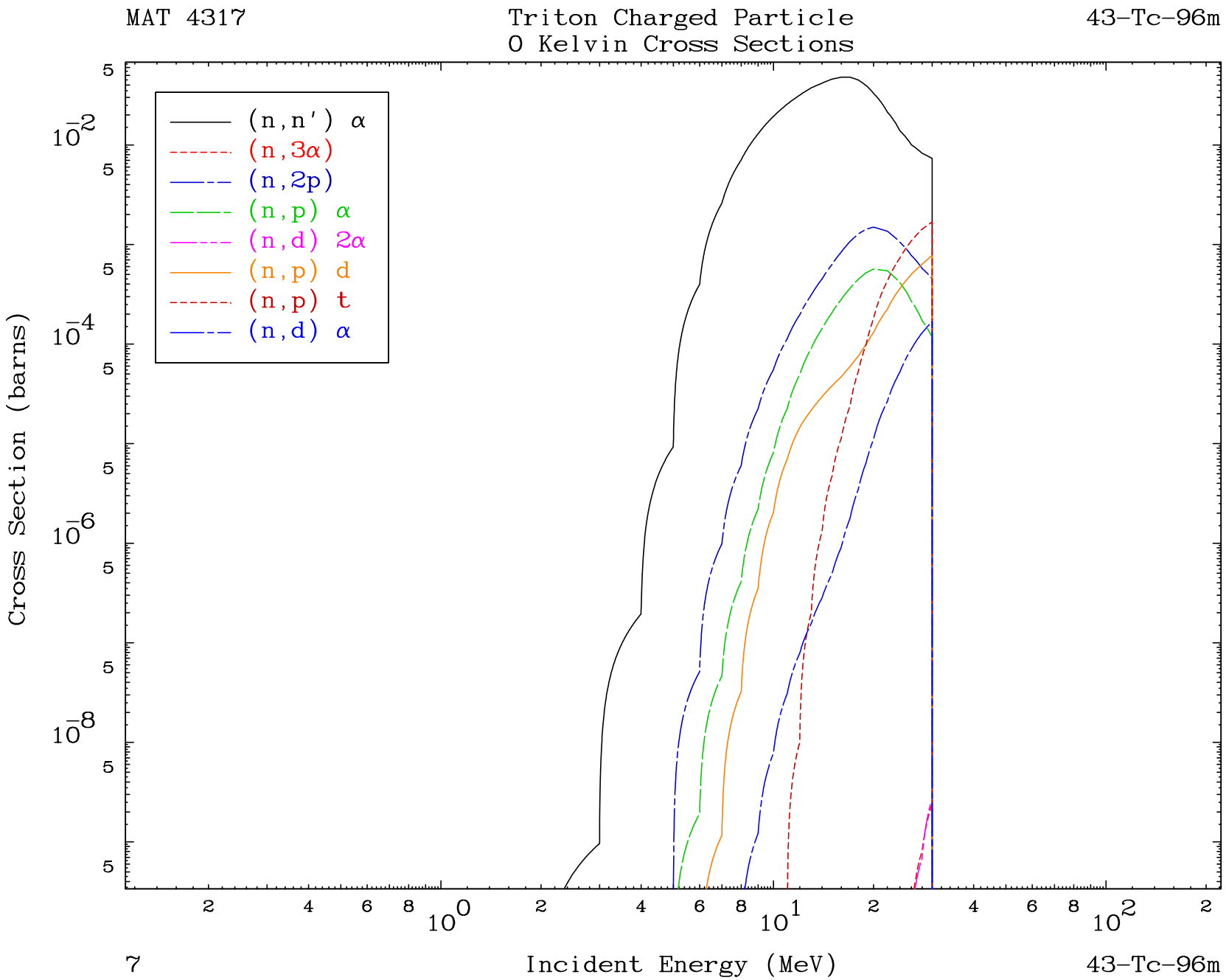

MAT 4317
Triton Neutron Absorption
0 Kelvin Cross Sections
43-Tc-96m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
43-Tc-96m
2

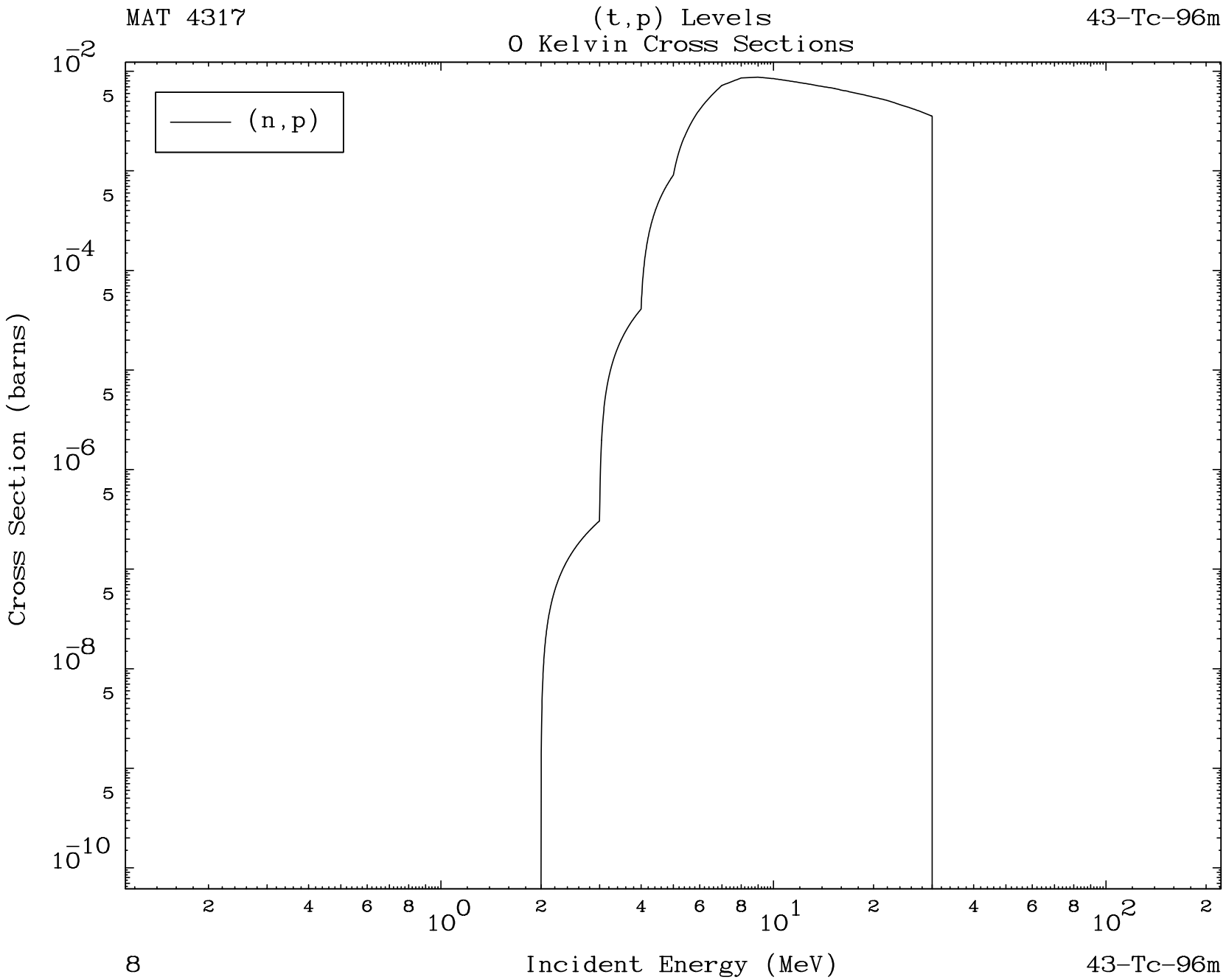

MAT 4317
Triton Neutron Absorption
0 Kelvin Cross Sections
43-Tc-96m
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
43-Tc-96m

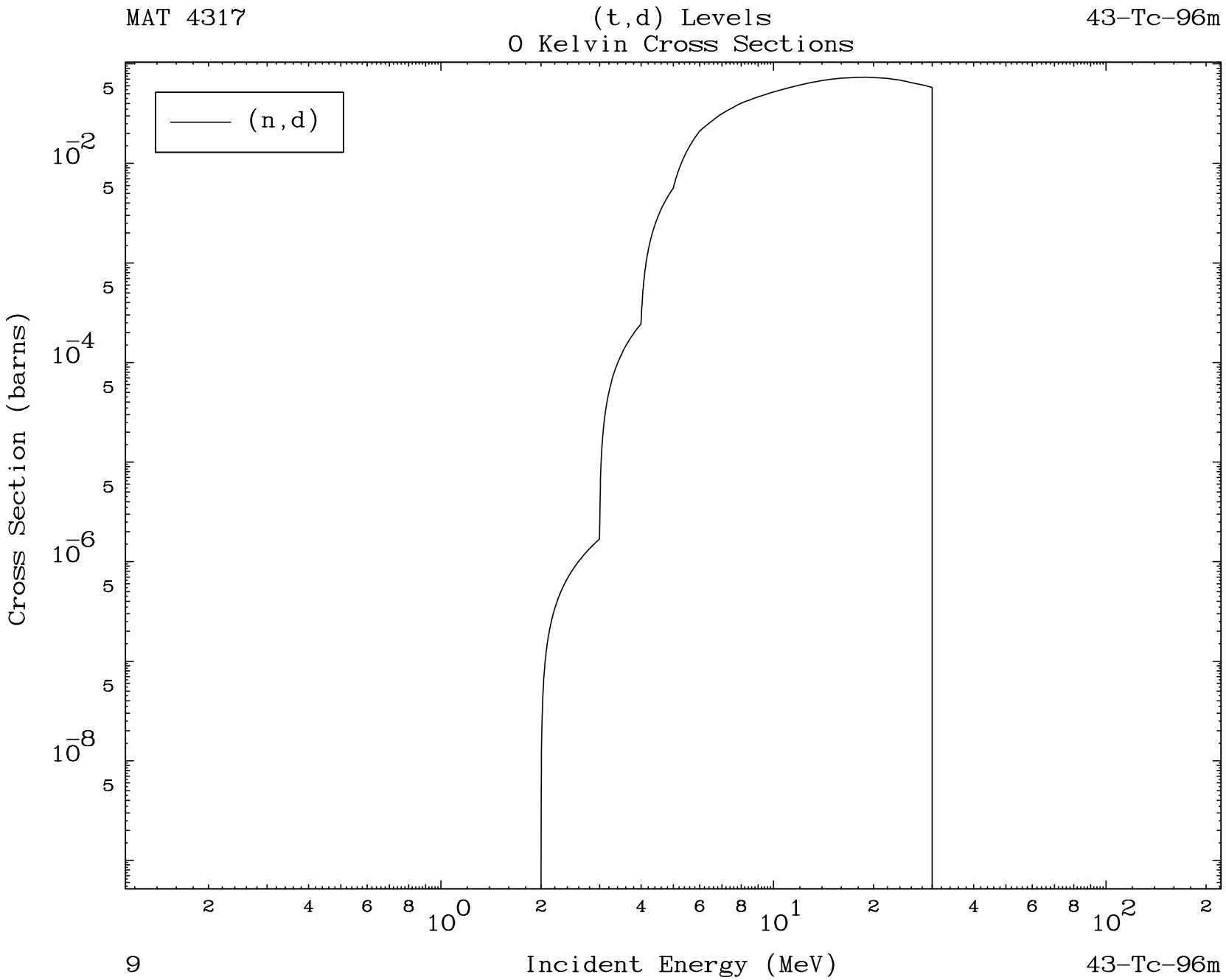

MAT 4317
Triton Neutron Absorption
0 Kelvin Cross Sections
43-Tc-96m
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
43-Tc-96m

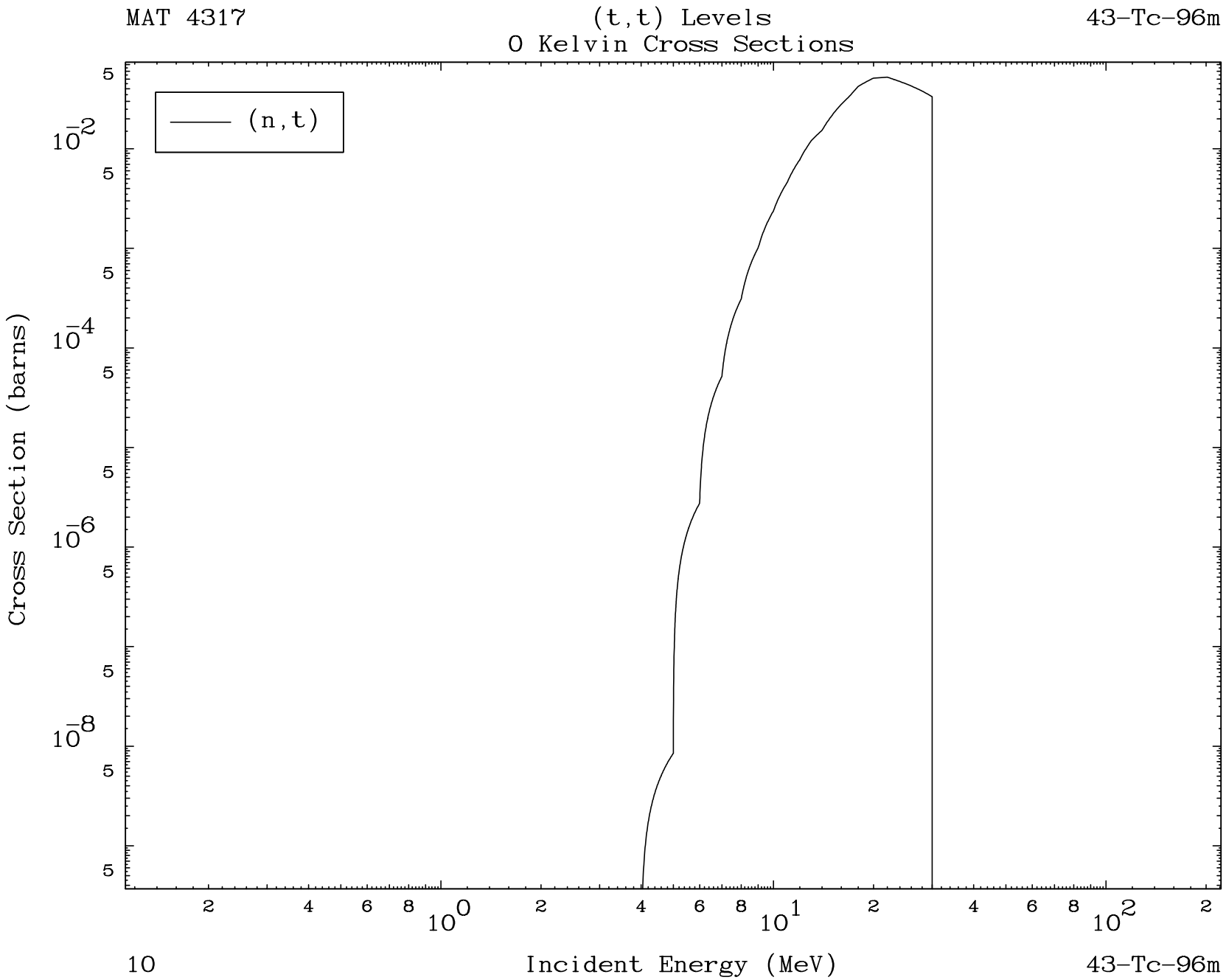

MAT 4317
Triton Charged Particle
0 Kelvin Cross Sections
43-Tc-96m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
43-Tc-96m
5

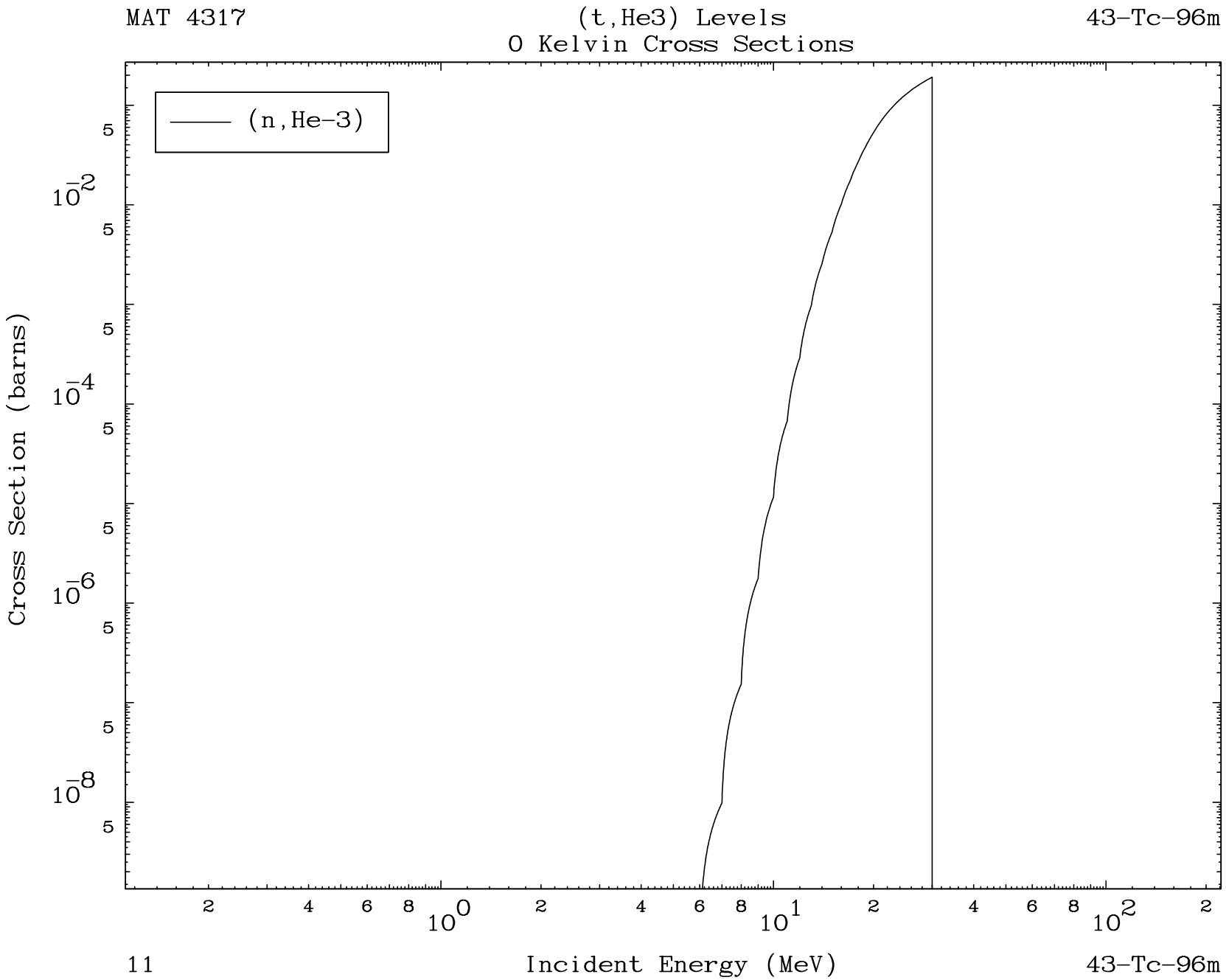

MAT 4317
Triton Charged Particle
0 Kelvin Cross Sections
43-Tc-96m
(n,n') α
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
6
43-Tc-96m

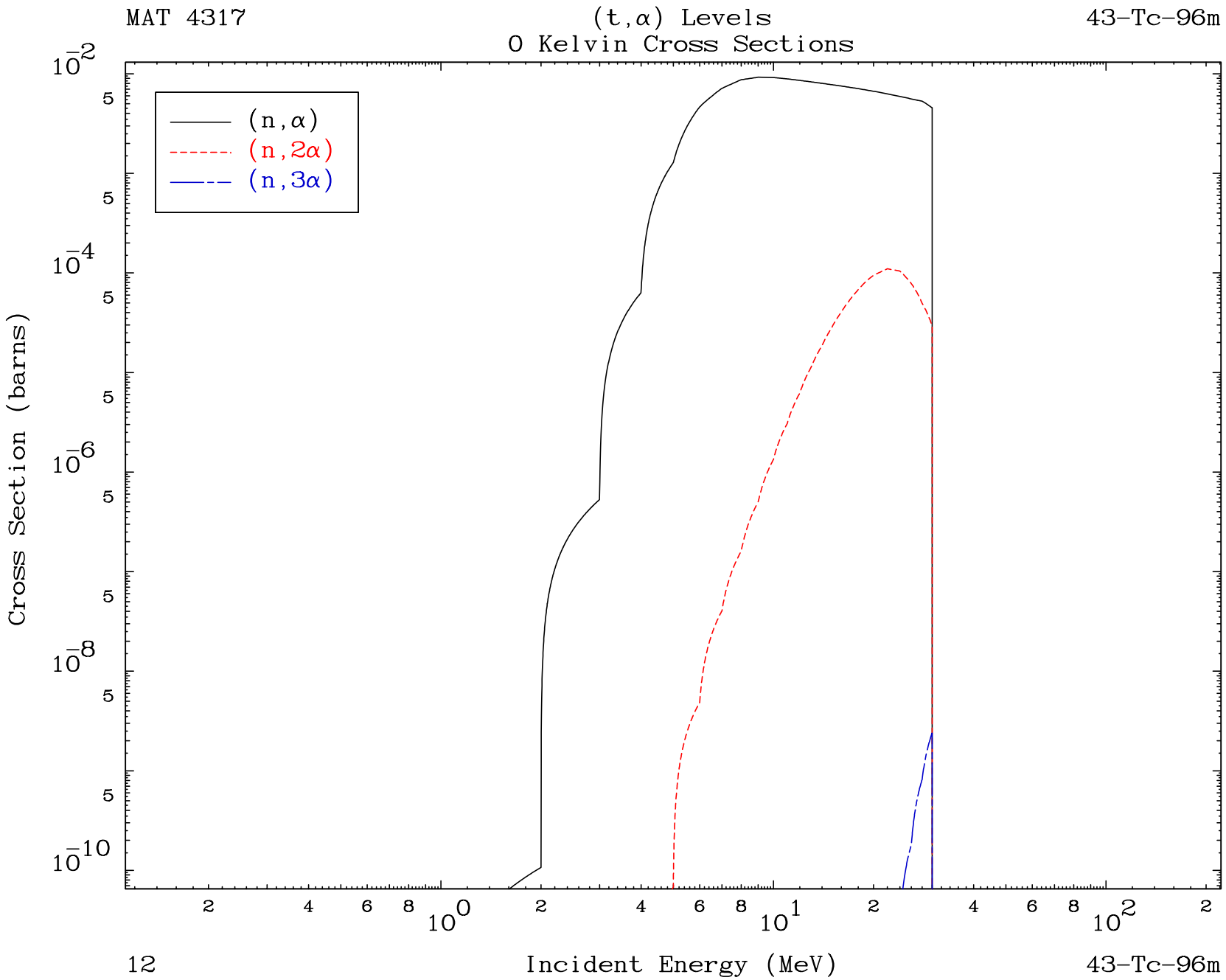

MAT 4317
Triton Charged Particle
0 Kelvin Cross Sections
43-Tc-96m
(n,n') α
(n,3α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
43-Tc-96m
7

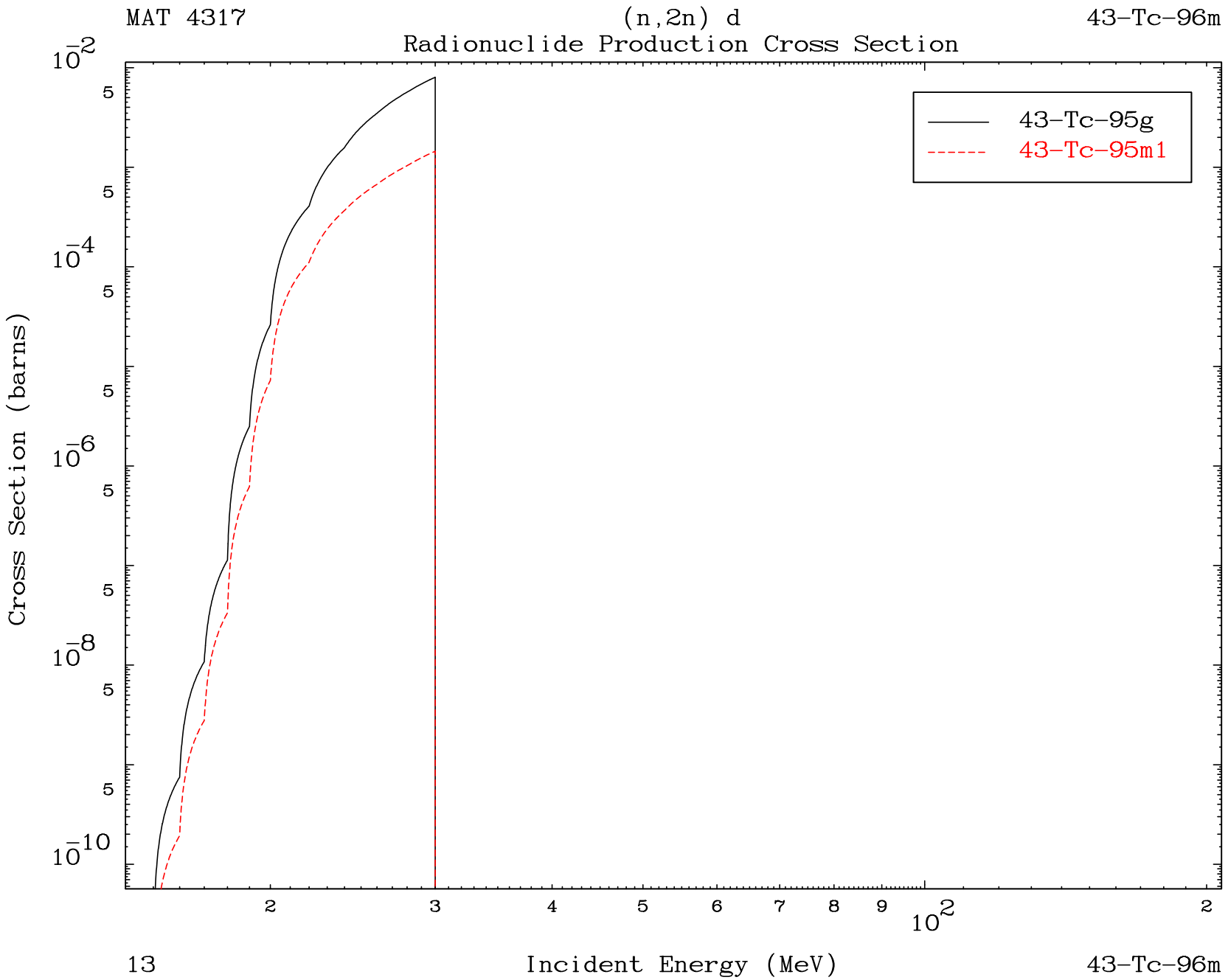

MAT 4317
(t,p) Levels
43-Tc-96m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
43-Tc-96m

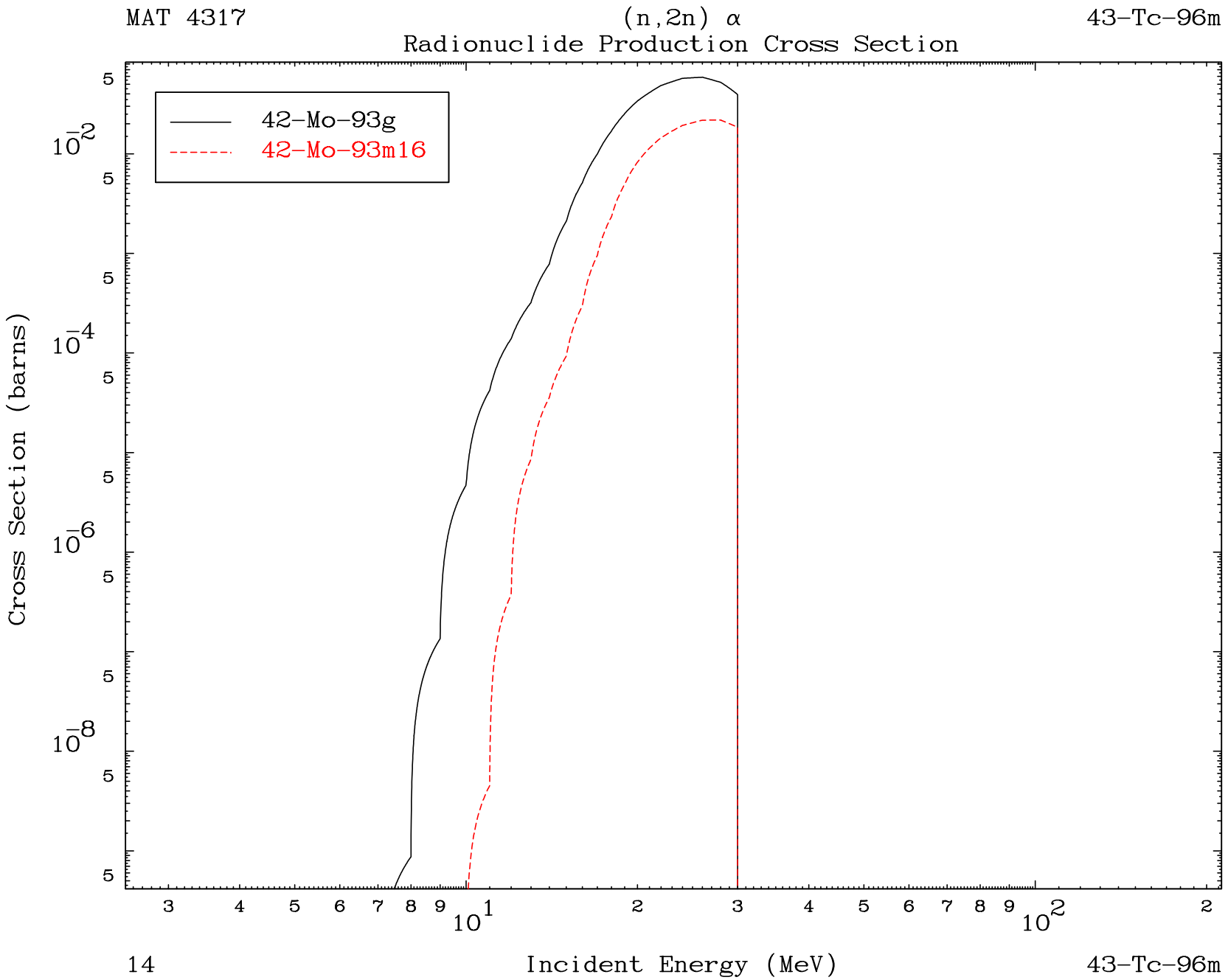

MAT 4317
(t,d) Levels
43-Tc-96m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
43-Tc-96m

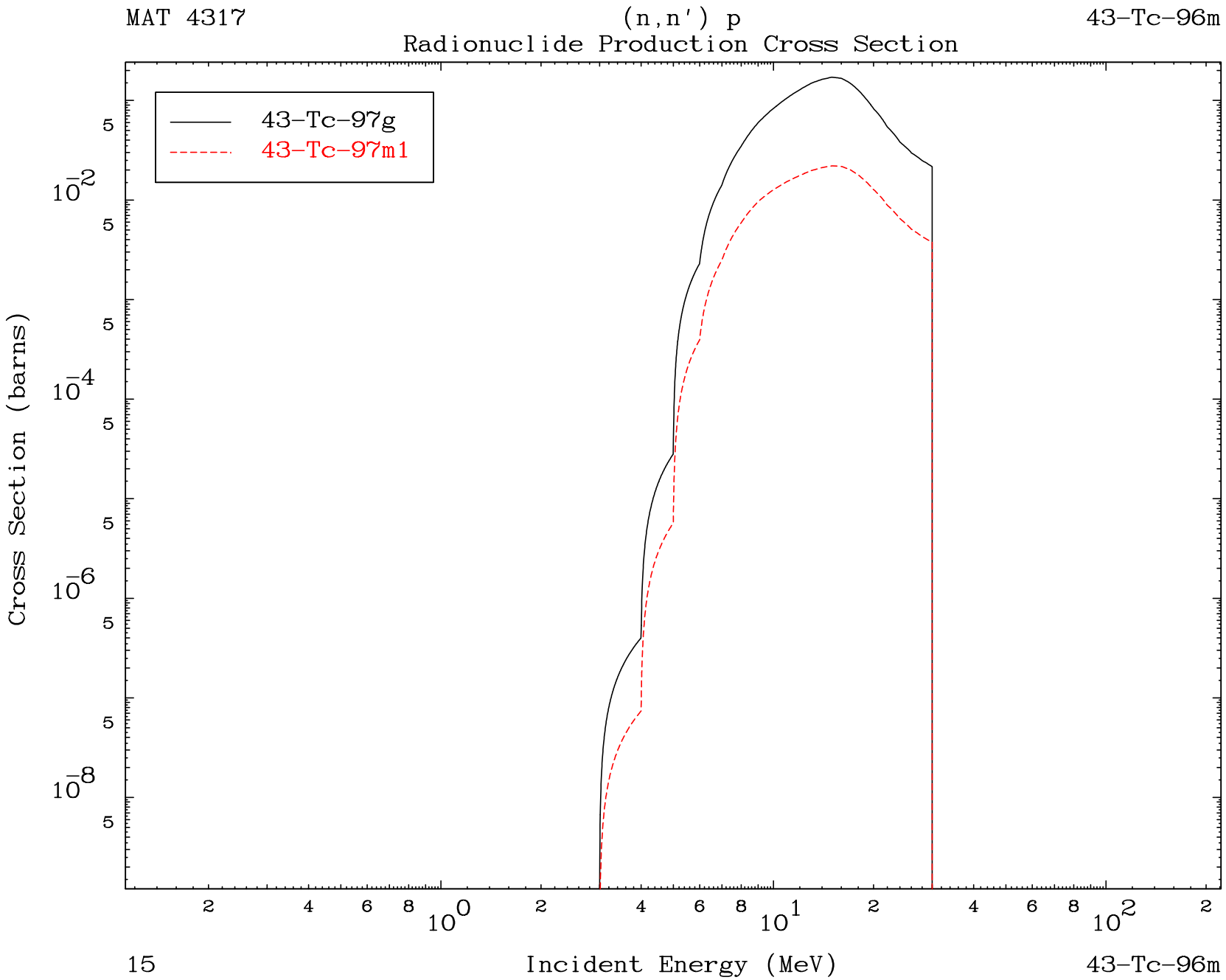

MAT 4317
(t,t) Levels
43-Tc-96m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
43-Tc-96m
10

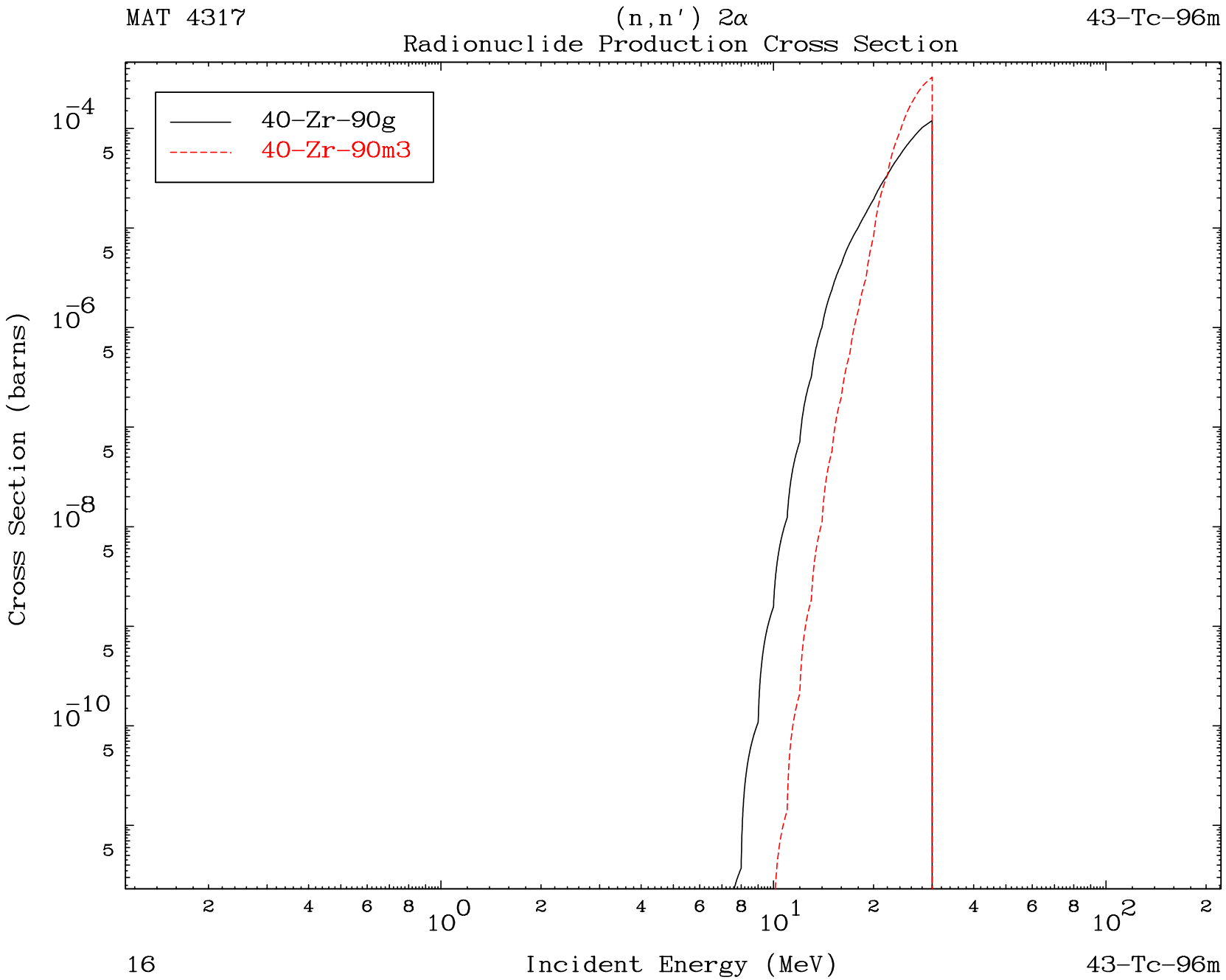

MAT 4317
(t,He3) Levels
43-Tc-96m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
11
43-Tc-96m

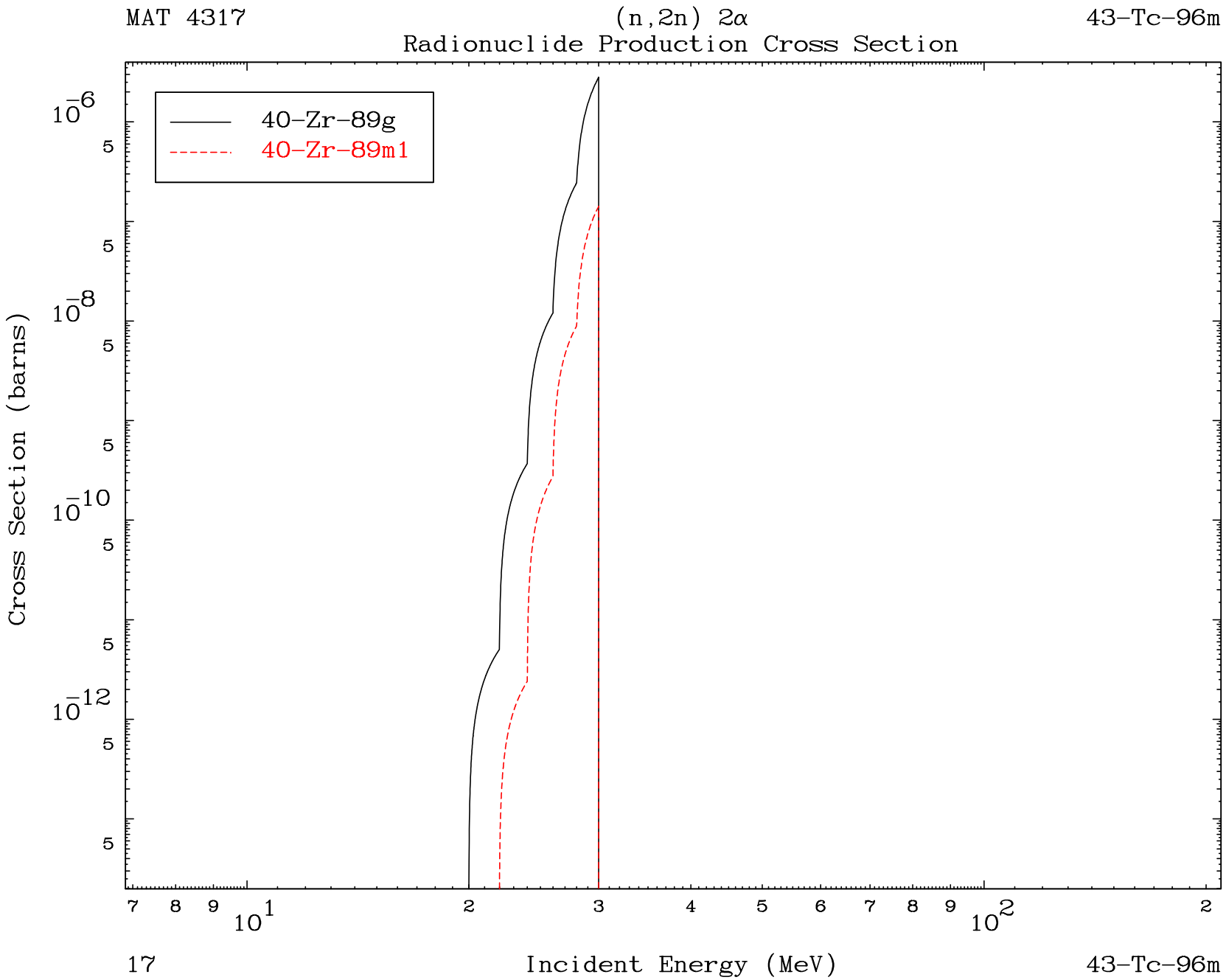

MAT 4317
(t,α) Levels
43-Tc-96m
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
12
43-Tc-96m

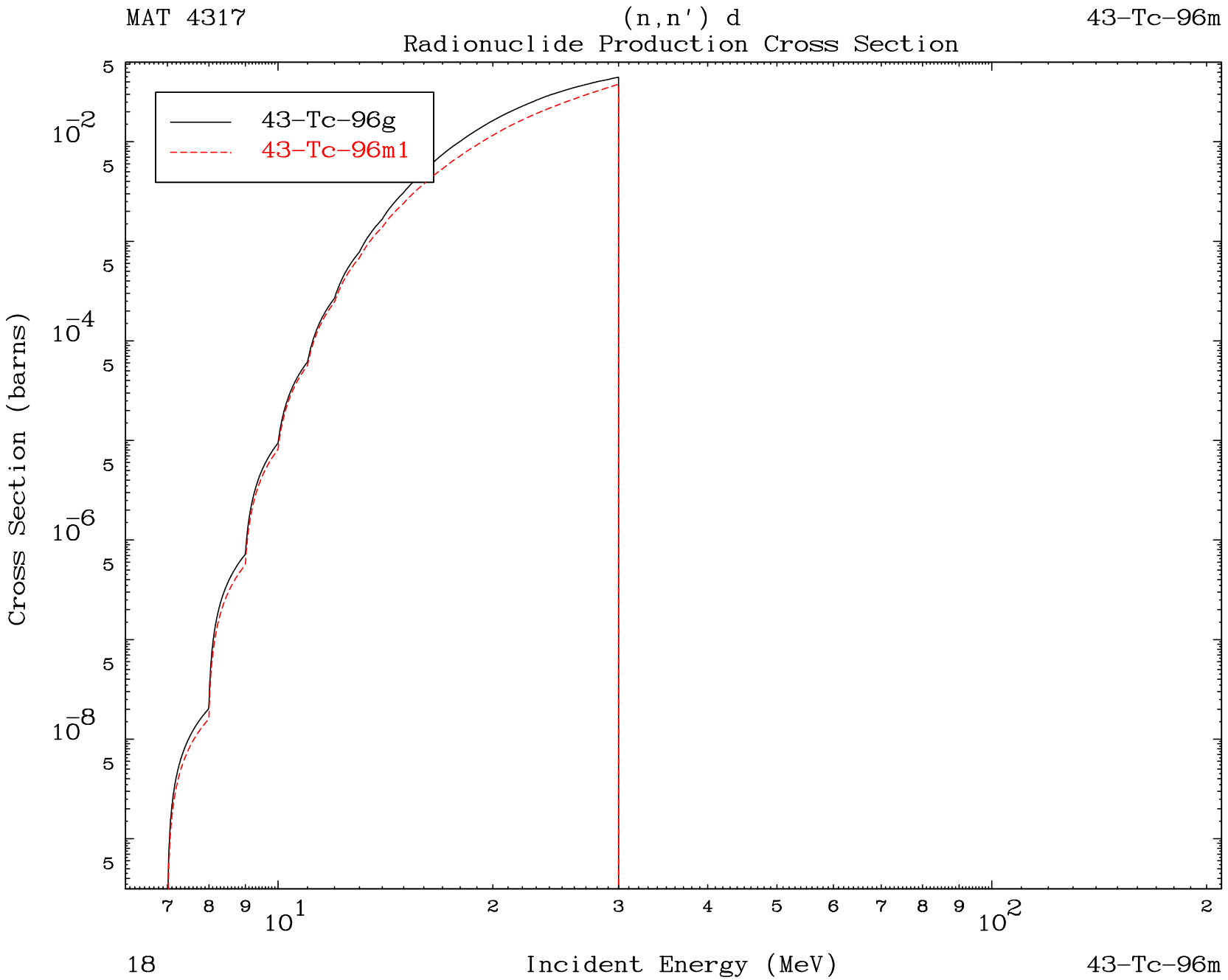

MAT 4317
(n,2n) d
43-Tc-96m
Radionuclide Production Cross Section
43-Tc-95g
43-Tc-95m1
Cross Section (barns)
Incident Energy (MeV)
13
43-Tc-96m

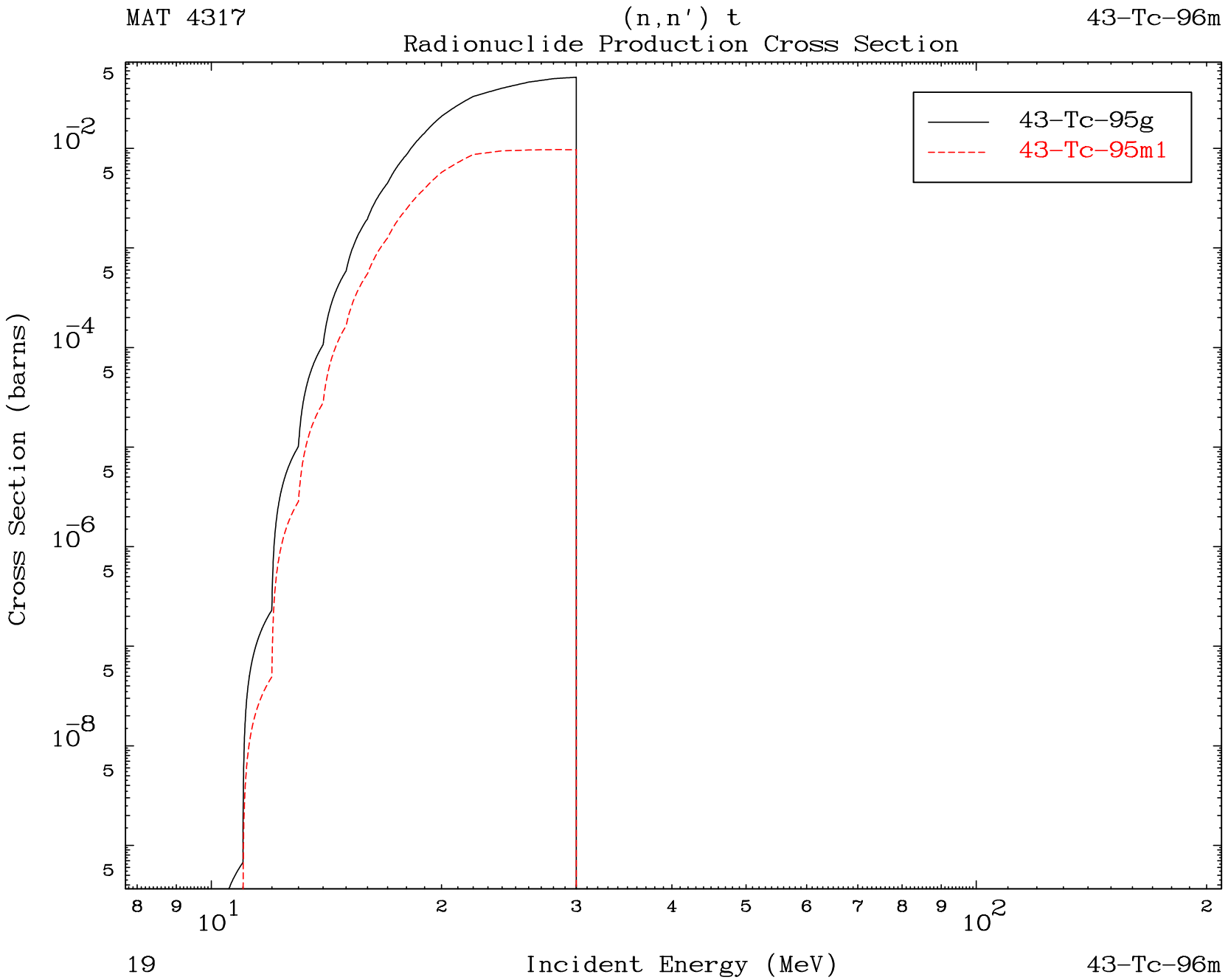

MAT 4317
(n,2n) α
43-Tc-96m
Radionuclide Production Cross Section
42-Mo-93g
42-Mo-93m16
Cross Section (barns)
Incident Energy (MeV)
14
43-Tc-96m

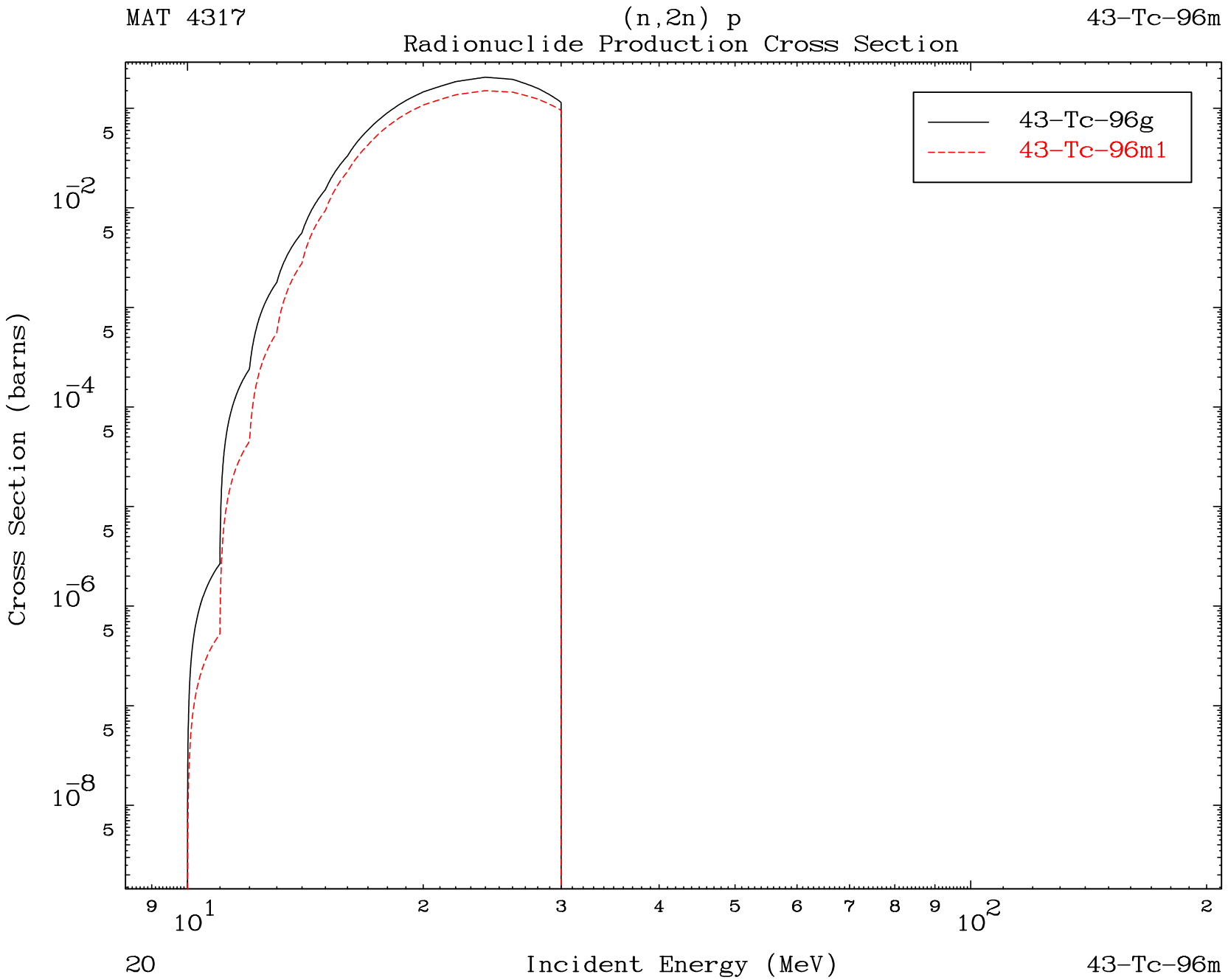

MAT 4317
(n,n') p
43-Tc-96m
Radionuclide Production Cross Section
43-Tc-97g
43-Tc-97m1
Cross Section (barns)
Incident Energy (MeV)
15
43-Tc-96m

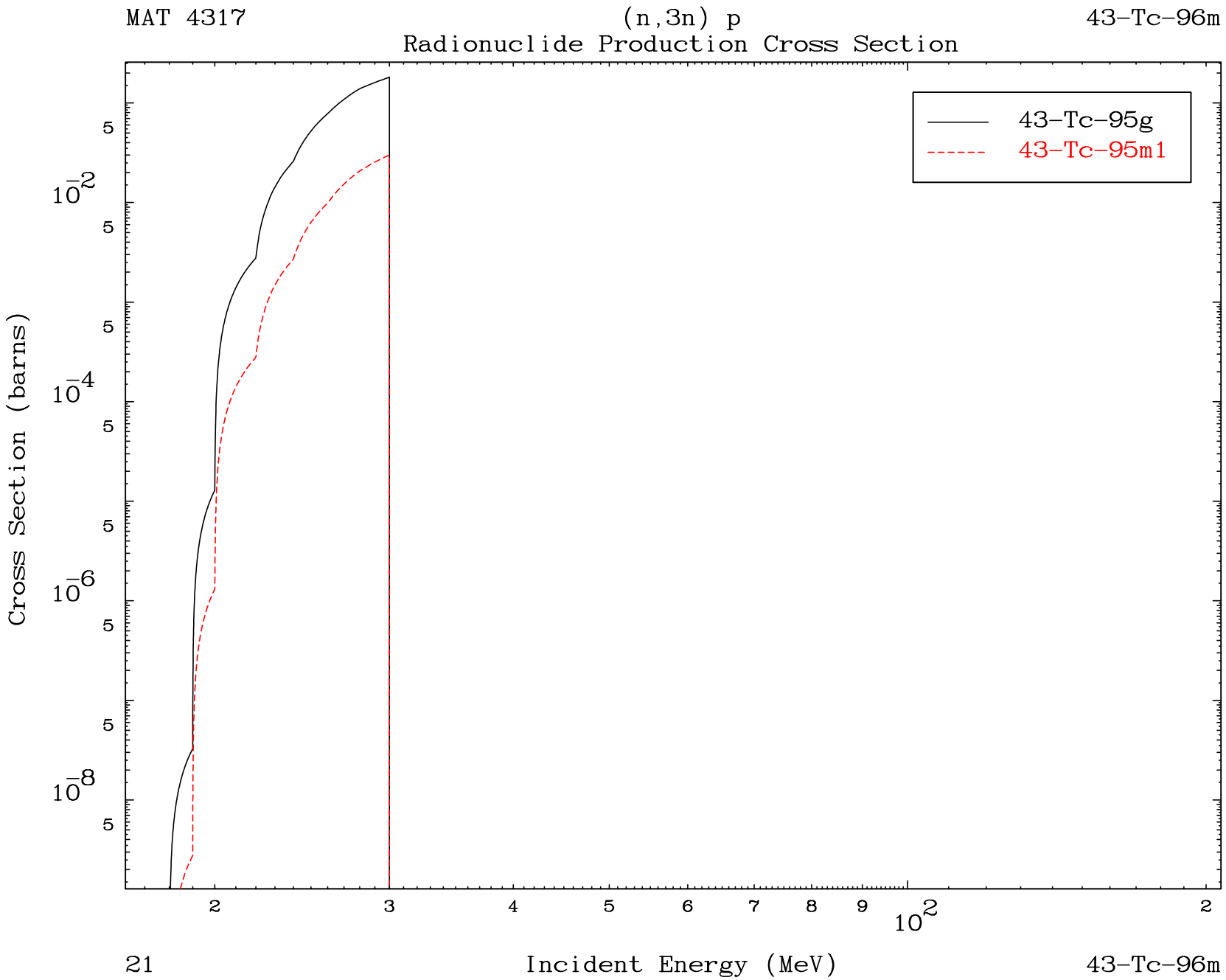

MAT 4317
(n,n') 2α
43-Tc-96m
Radionuclide Production Cross Section
40-Zr-90g
40-Zr-90m3
Cross Section (barns)
Incident Energy (MeV)
16
43-Tc-96m

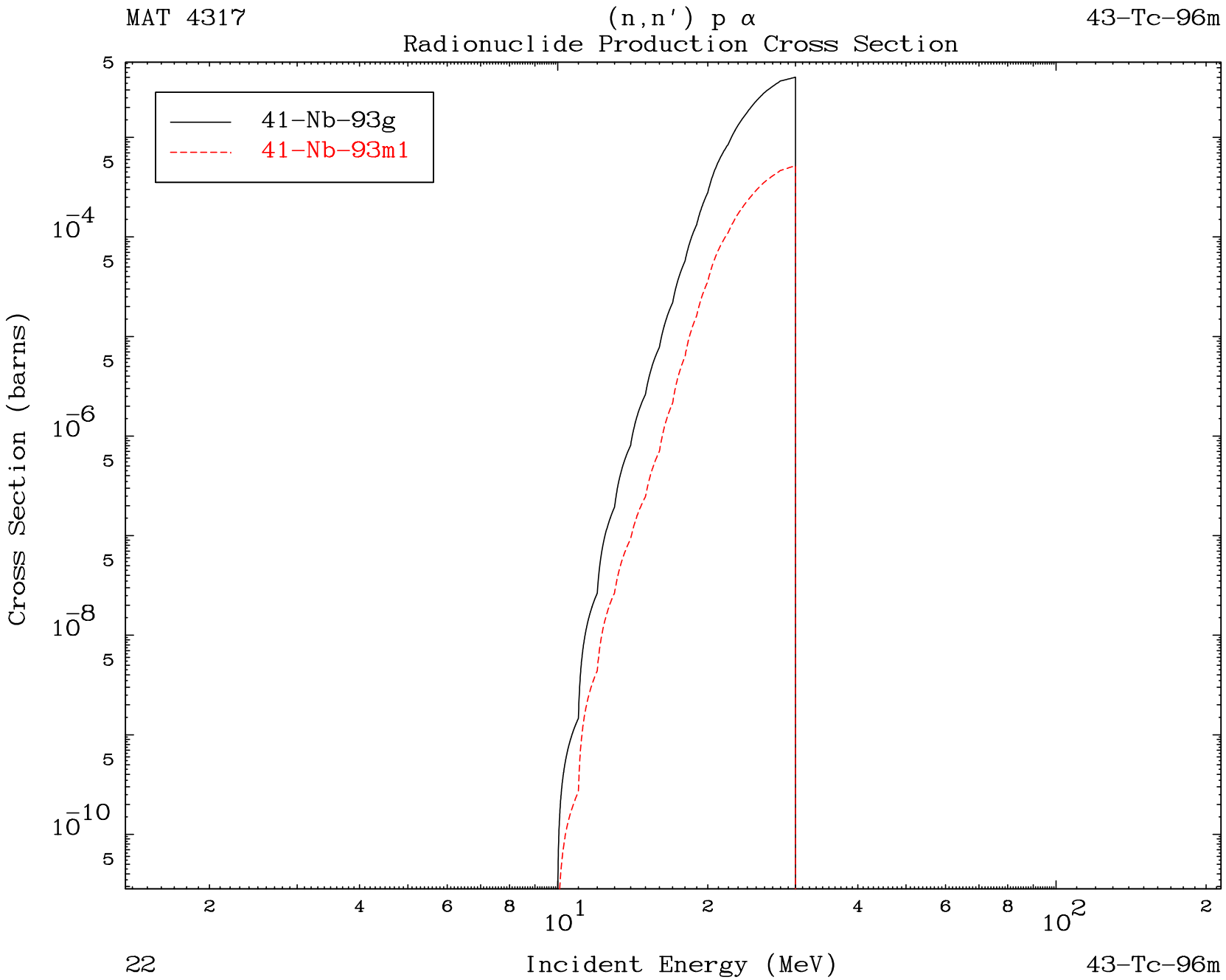

MAT 4317
(n,2n) 2α
43-Tc-96m
Radionuclide Production Cross Section
40-Zr-89g
40-Zr-89m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
17
Incident Energy (MeV)
43-Tc-96m

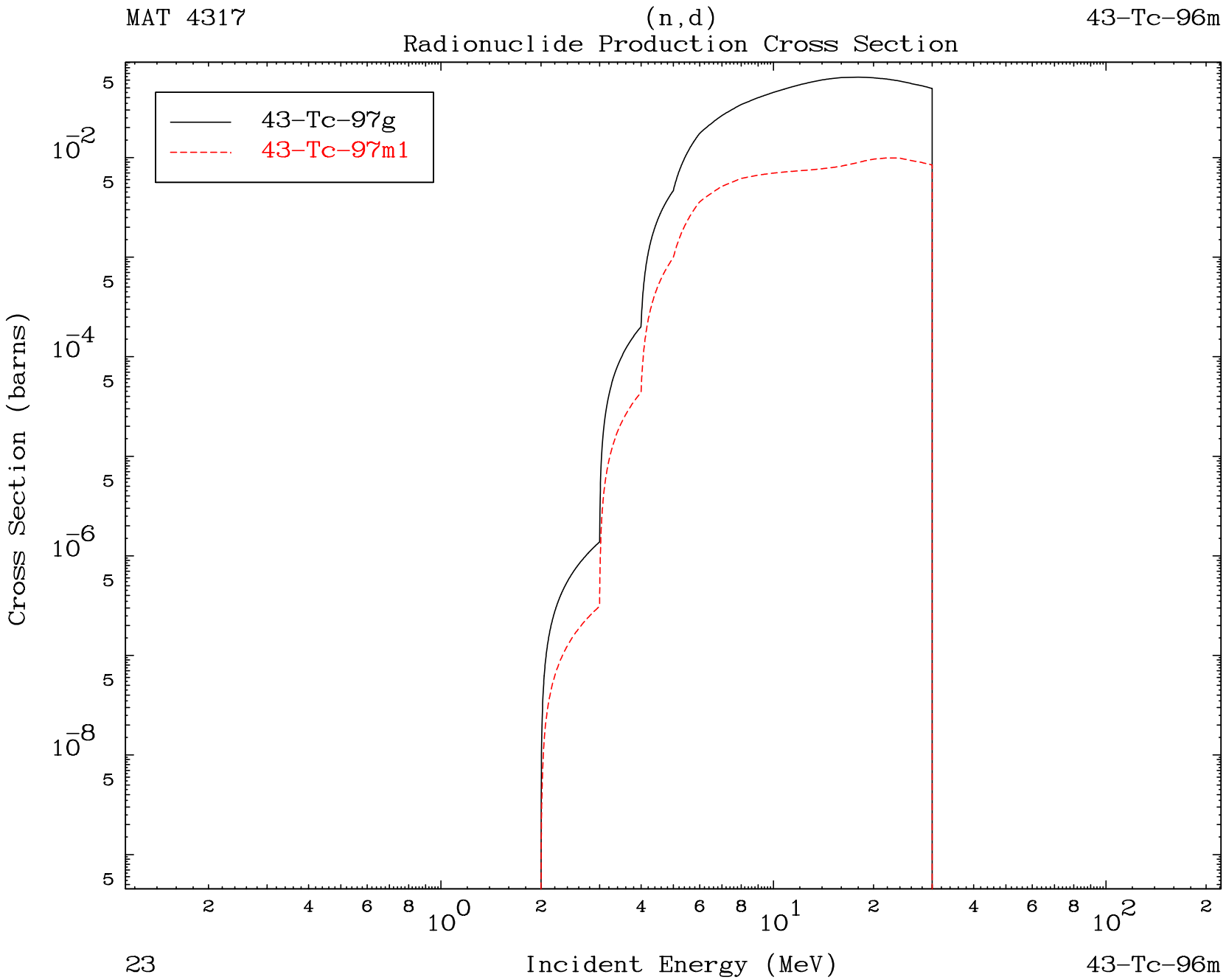

MAT 4317
(n,n') d
43-Tc-96m
Radionuclide Production Cross Section
43-Tc-96g
43-Tc-96m1
Cross Section (barns)
Incident Energy (MeV)
18
43-Tc-96m

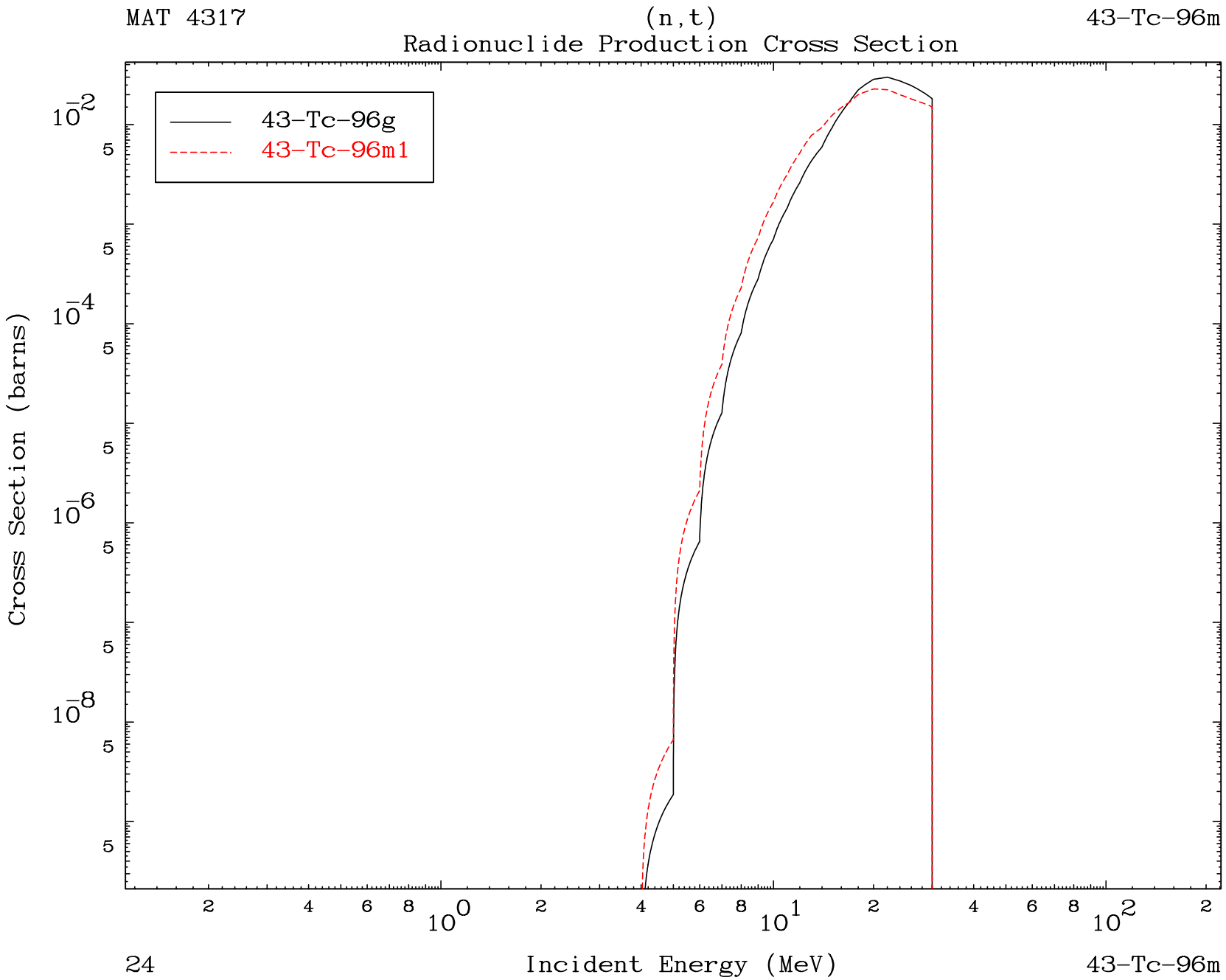

MAT 4317
(n,n') t
43-Tc-96m
Radionuclide Production Cross Section
43-Tc-95g
43-Tc-95m1
Cross Section (barns)
Incident Energy (MeV)
19
43-Tc-96m

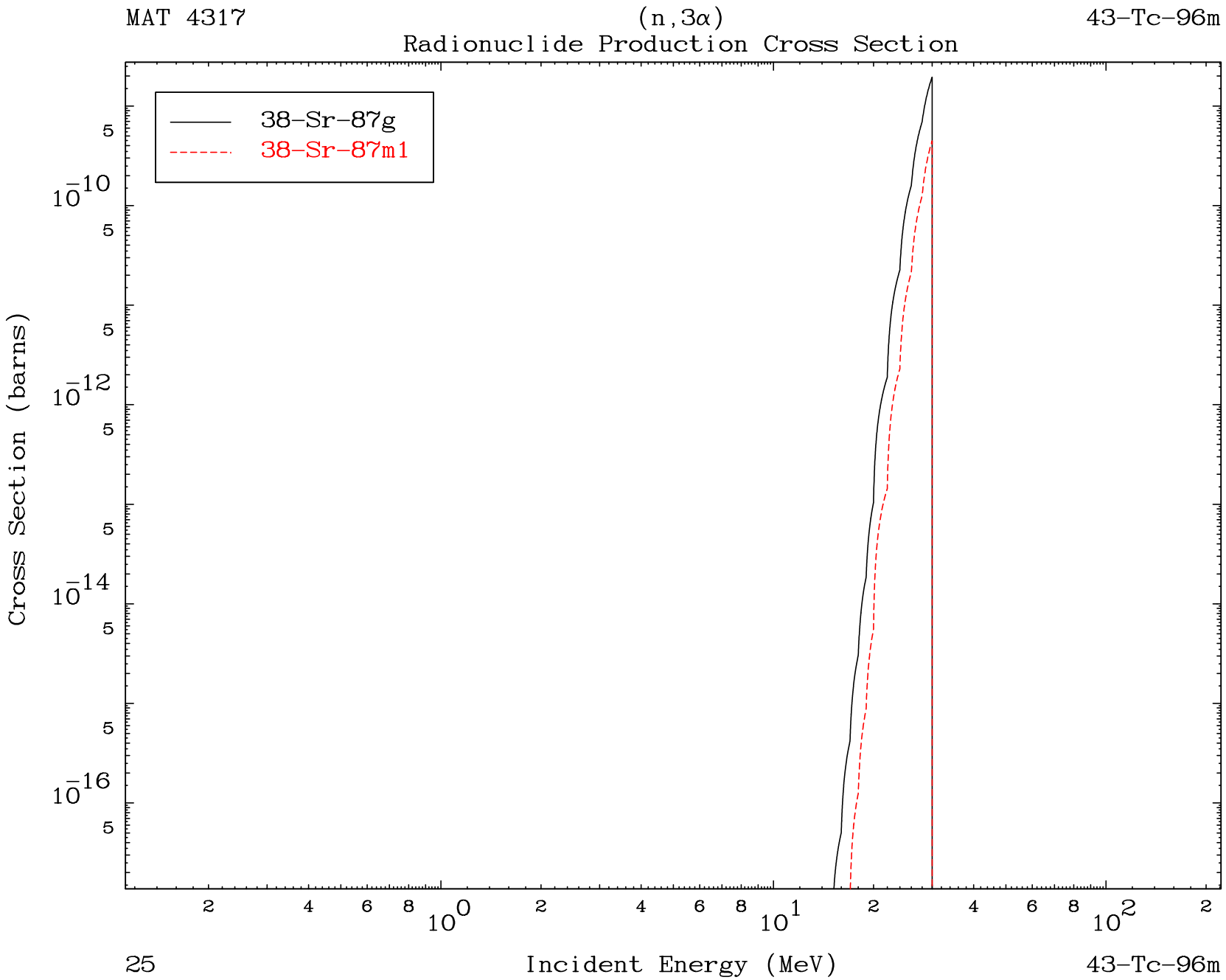

MAT 4317
(n,2n) p
43-Tc-96m
Radionuclide Production Cross Section
43-Tc-96g
43-Tc-96m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
9
10 1
2
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
43-Tc-96m

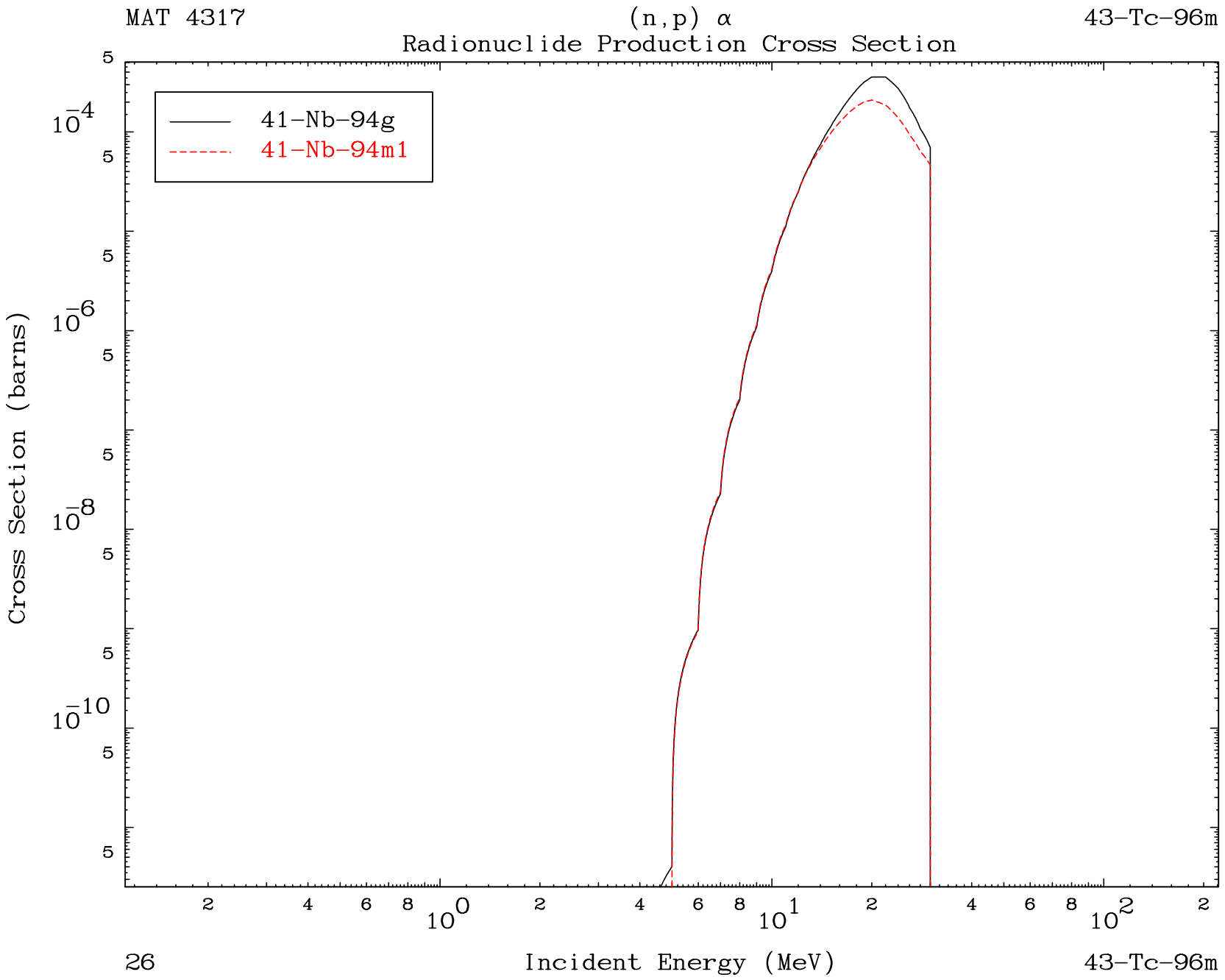

MAT 4317
(n,3n) p
43-Tc-96m
Radionuclide Production Cross Section
43-Tc-95g
43-Tc-95m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
21
Incident Energy (MeV)
43-Tc-96m

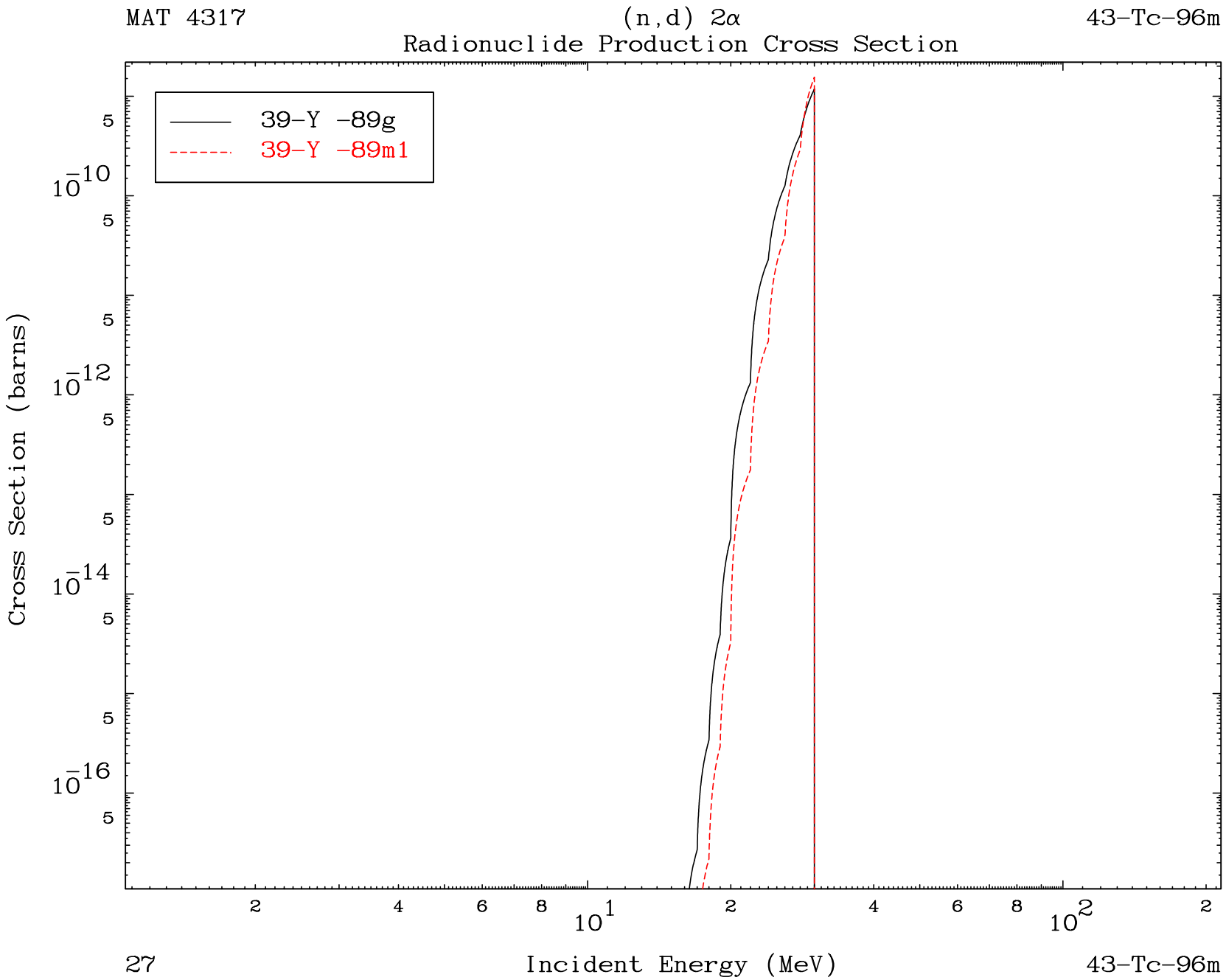

MAT 4317
(n,n') p α
43-Tc-96m
Radionuclide Production Cross Section
41-Nb-93g
41-Nb-93m1
Cross Section (barns)
Incident Energy (MeV)
22
43-Tc-96m

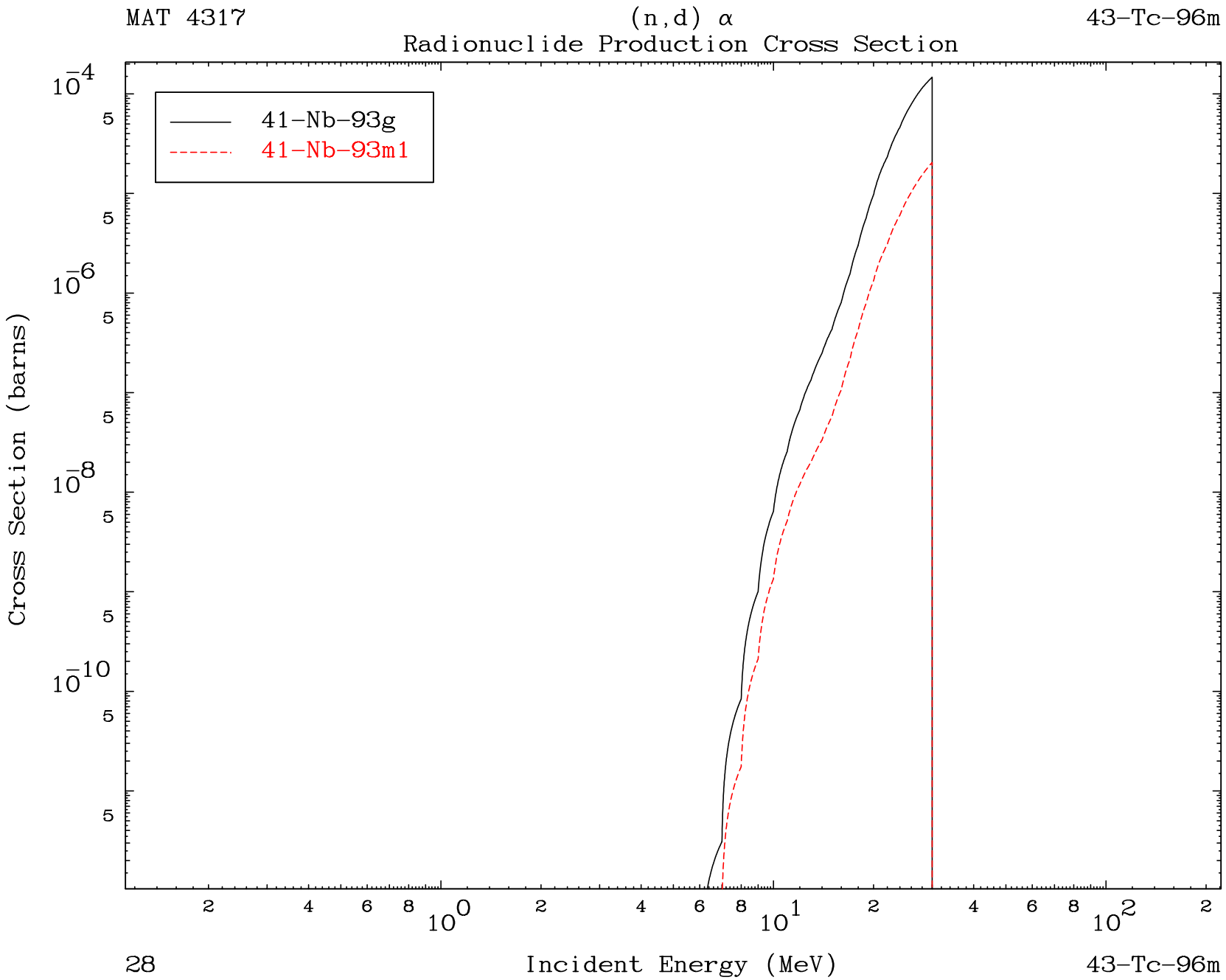

MAT 4317
(n,d)
43-Tc-96m
Radionuclide Production Cross Section
43-Tc-97g
43-Tc-97m1
Cross Section (barns)
Incident Energy (MeV)
23
43-Tc-96m


MAT 4317
(n,t)
43-Tc-96m
Radionuclide Production Cross Section
43-Tc-96g
43-Tc-96m1
Cross Section (barns)
Incident Energy (MeV)
24
43-Tc-96m


MAT 4317
(n,3α)
43-Tc-96m
Radionuclide Production Cross Section
38-Sr-87g
38-Sr-87m1
Cross Section (barns)
Incident Energy (MeV)
25
43-Tc-96m


MAT 4317
(n,p) α
43-Tc-96m
Radionuclide Production Cross Section
41-Nb-94g
41-Nb-94m1
Cross Section (barns)
Incident Energy (MeV)
26
43-Tc-96m


MAT 4317
(n,d) 2α
43-Tc-96m
Radionuclide Production Cross Section
39-Y -89g
39-Y -89m1
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
4
6
8
10^1
10^2
Incident Energy (MeV)
27
43-Tc-96m


MAT 4317
(n,d) α
43-Tc-96m
Radionuclide Production Cross Section
41-Nb-93g
41-Nb-93m1
Cross Section (barns)
Incident Energy (MeV)
28
43-Tc-96m