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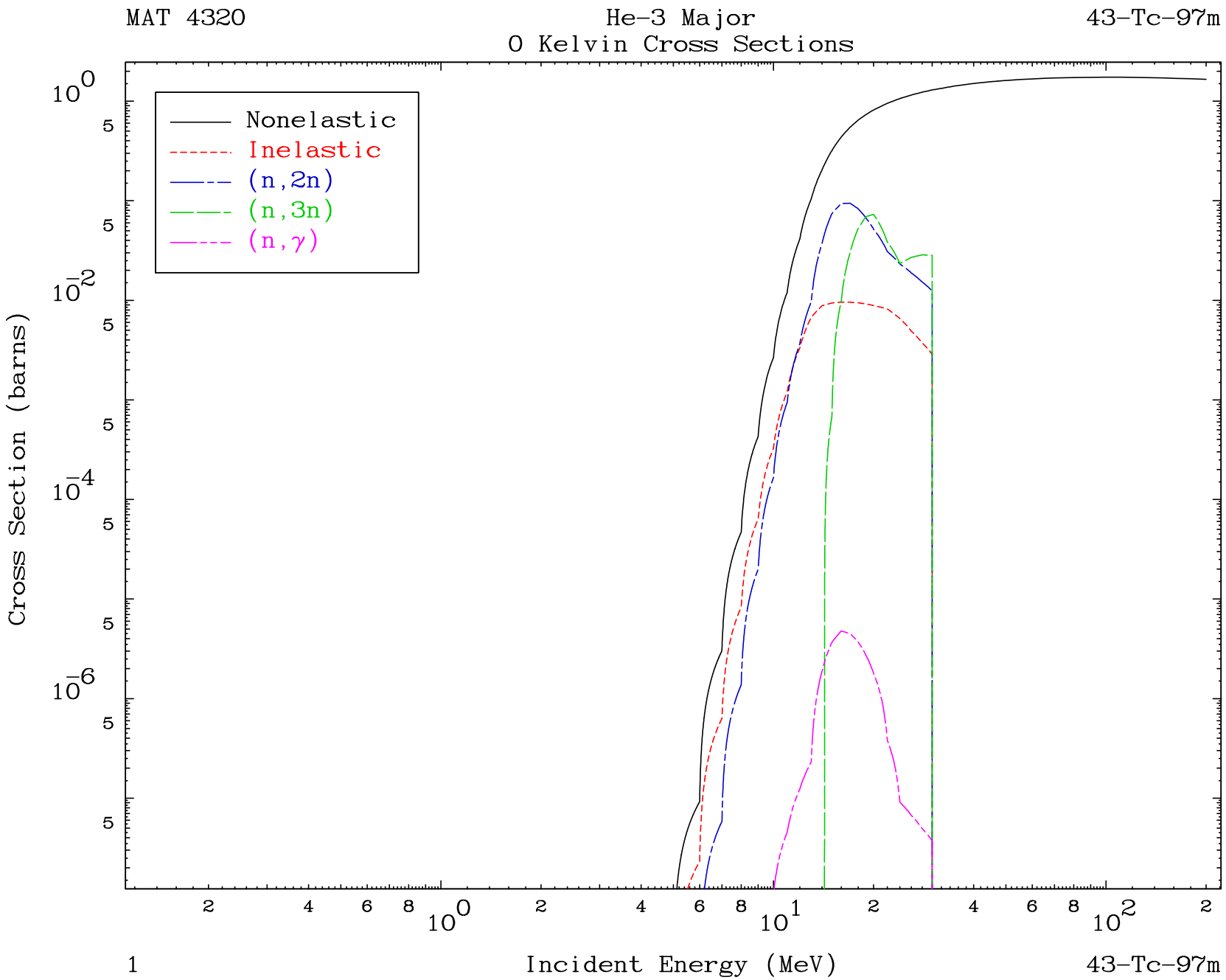
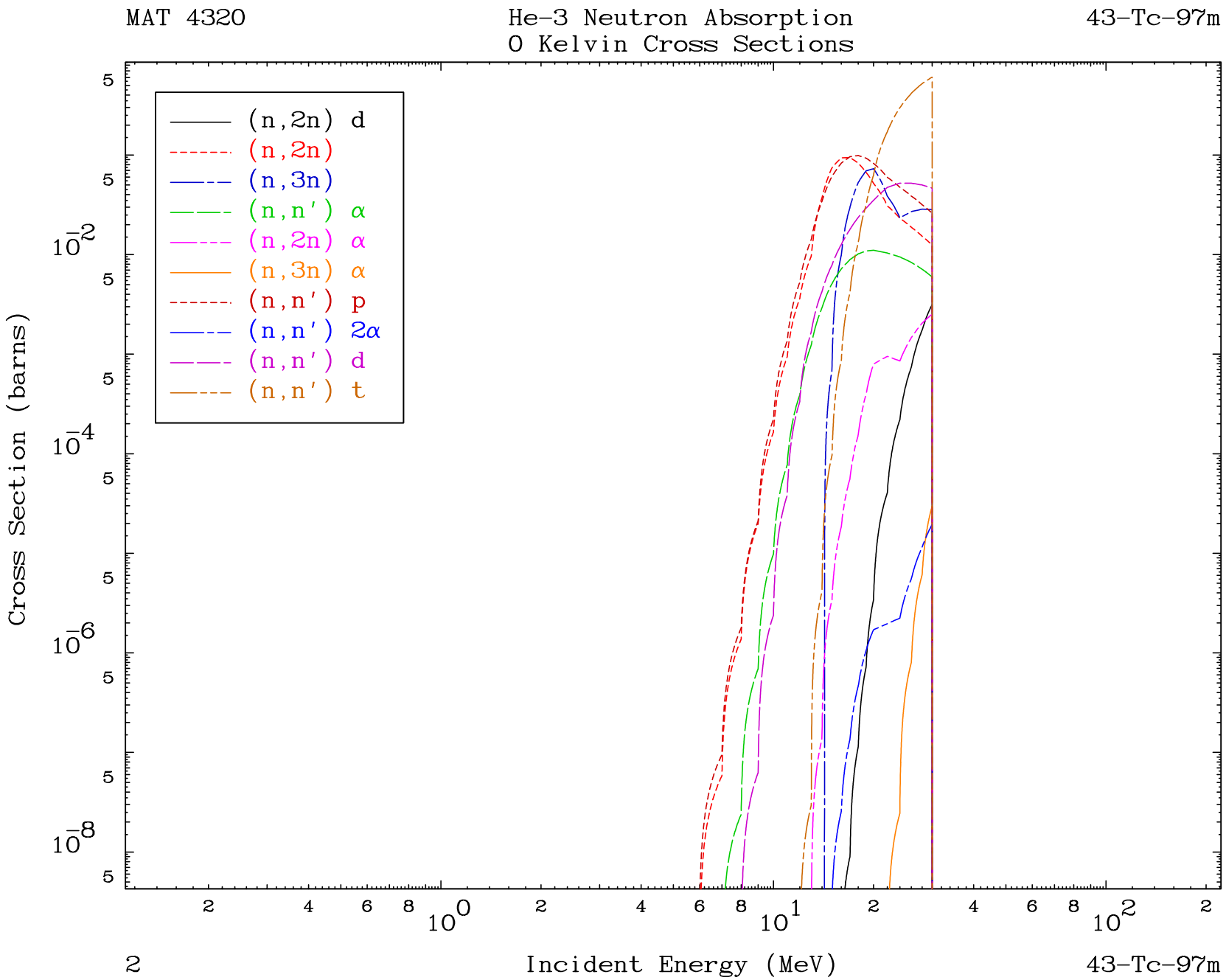
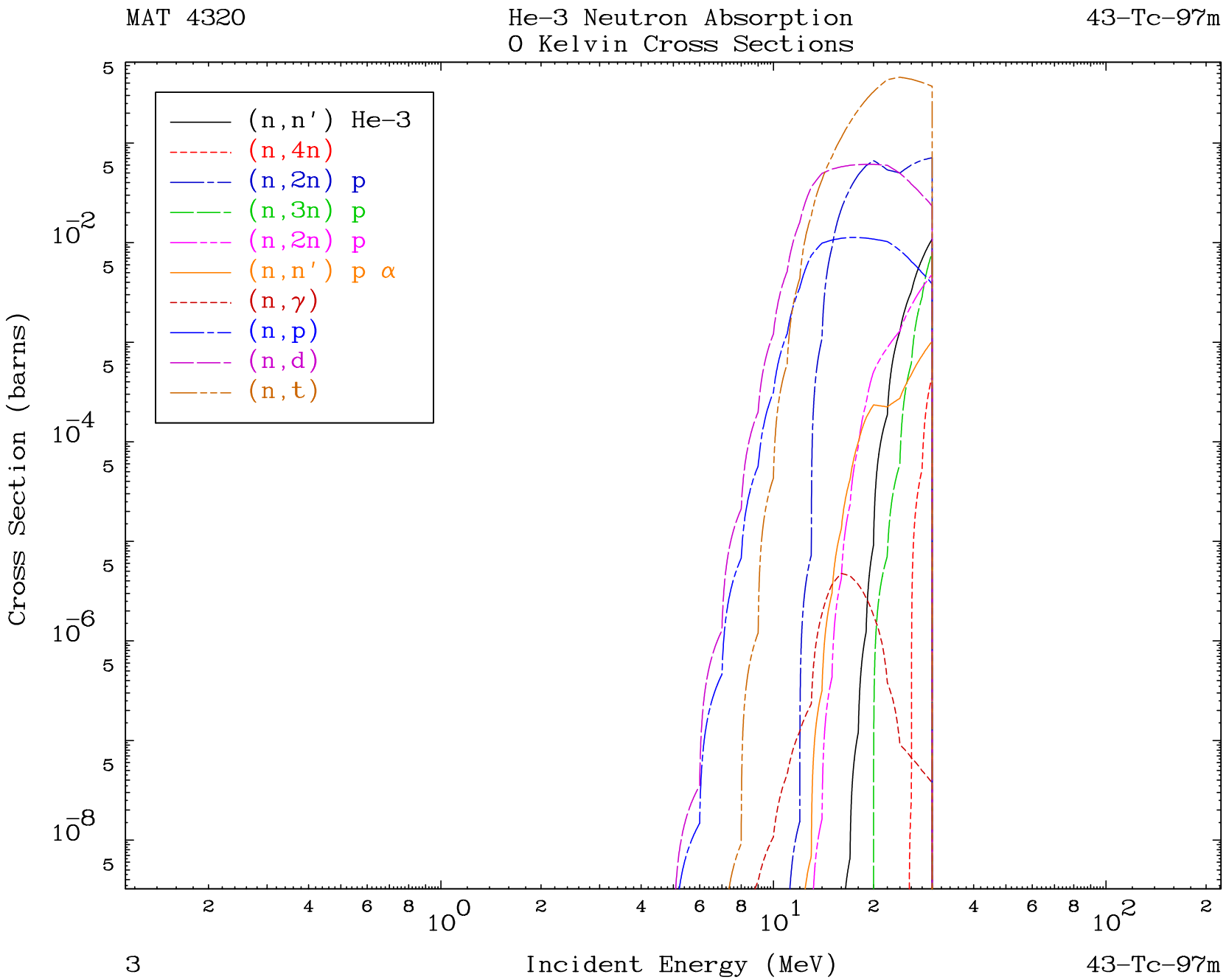
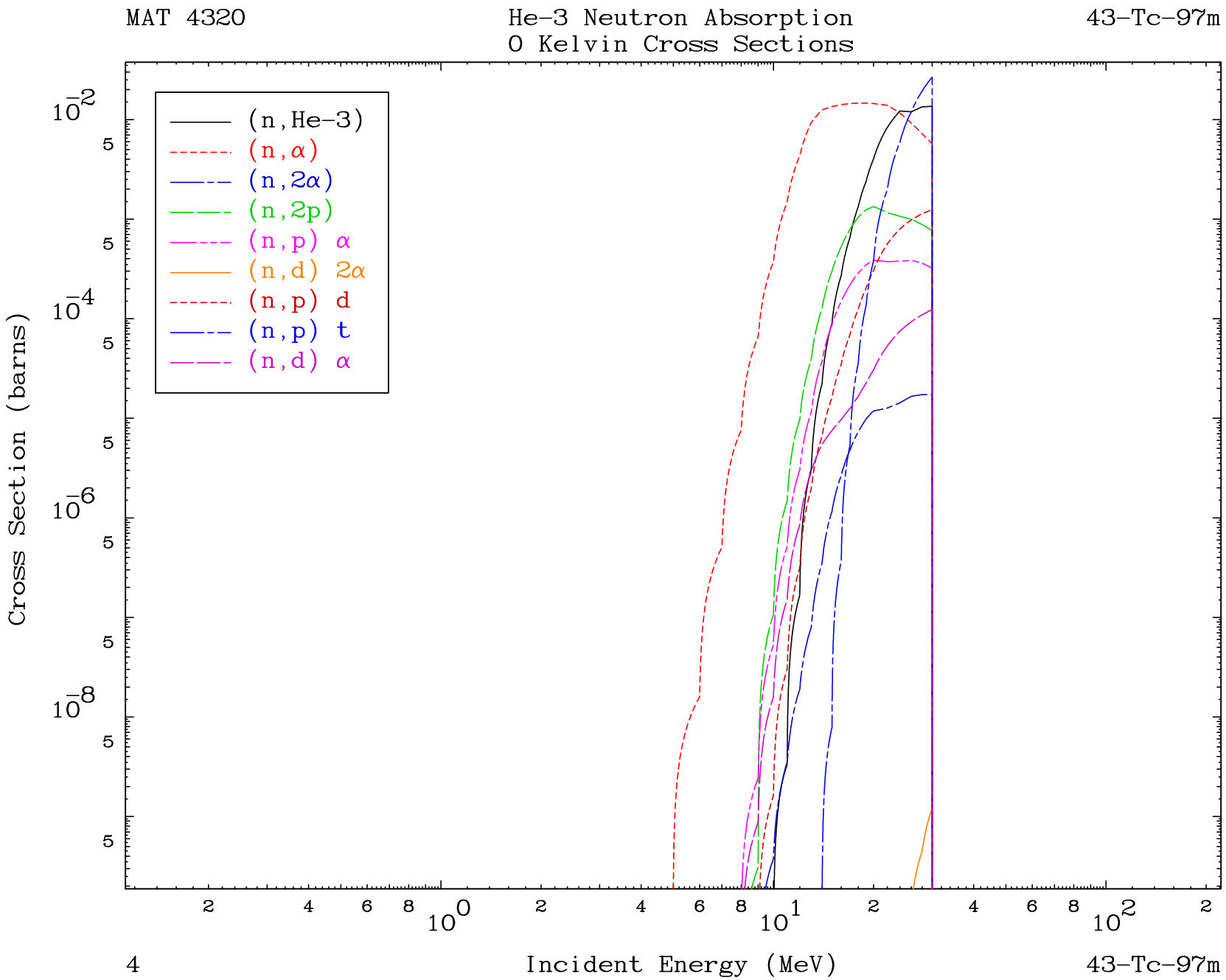
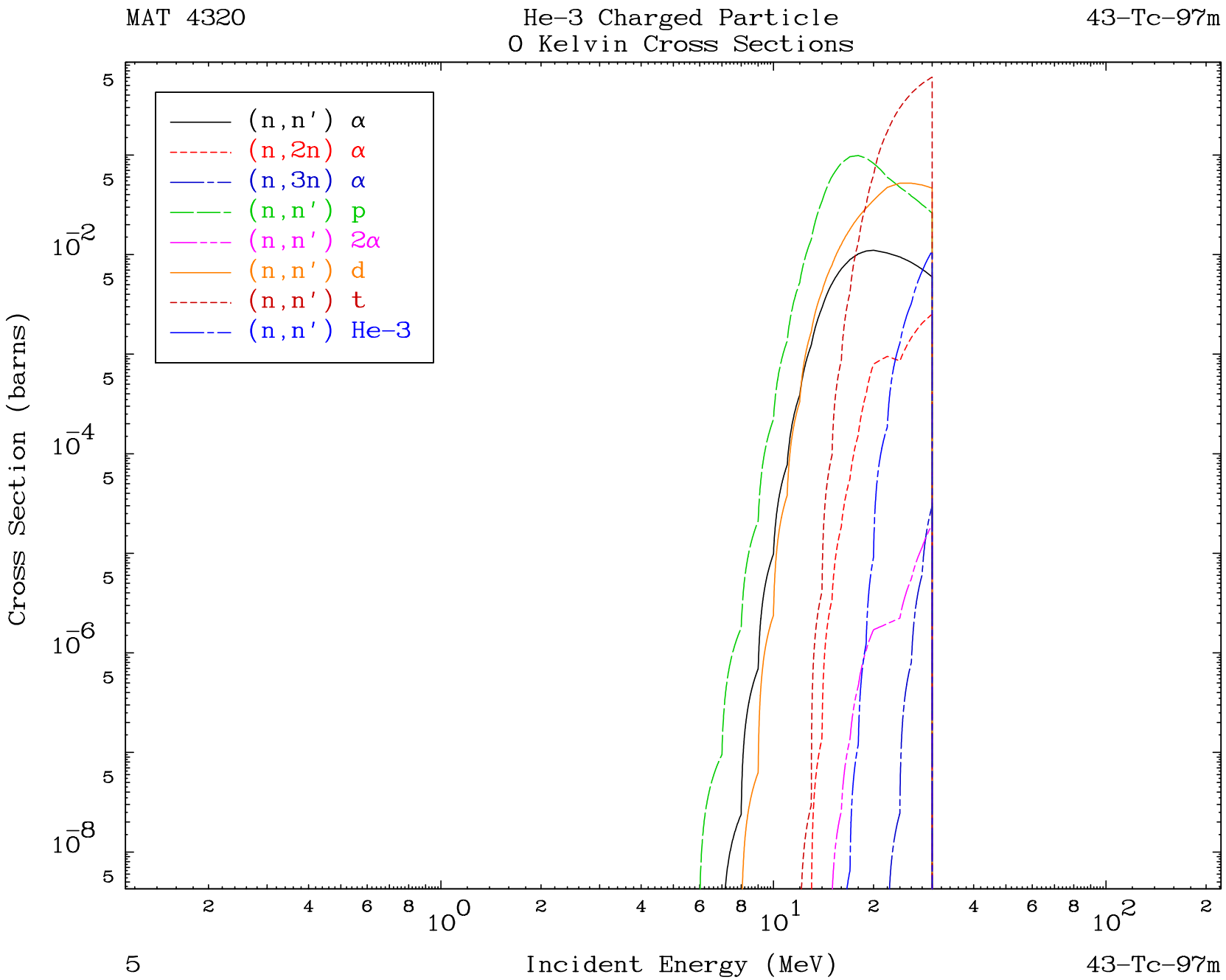
Press Mouse Button to Start

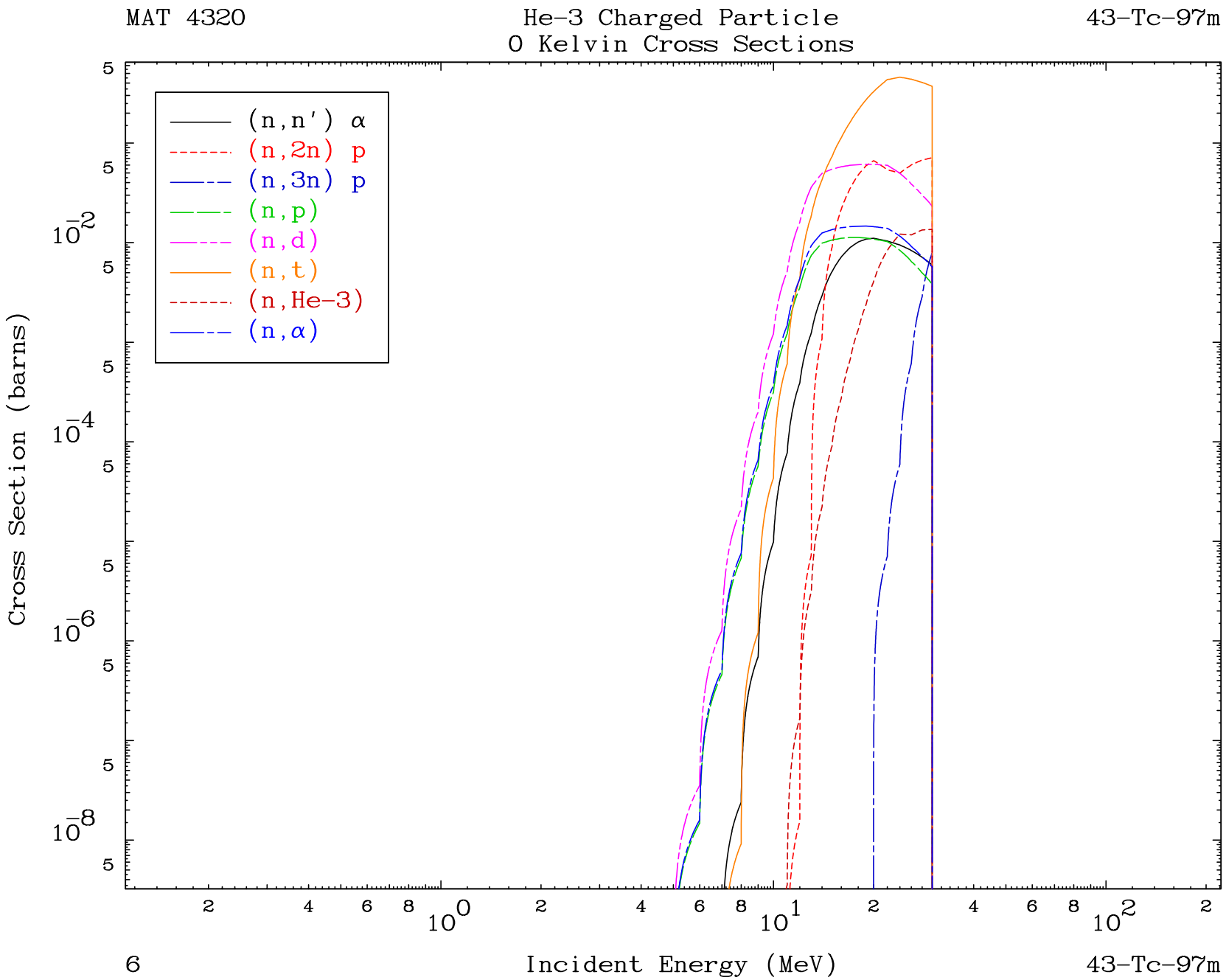

MAT 4320
He-3 Major
43-Tc-97m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
43-Tc-97m
1

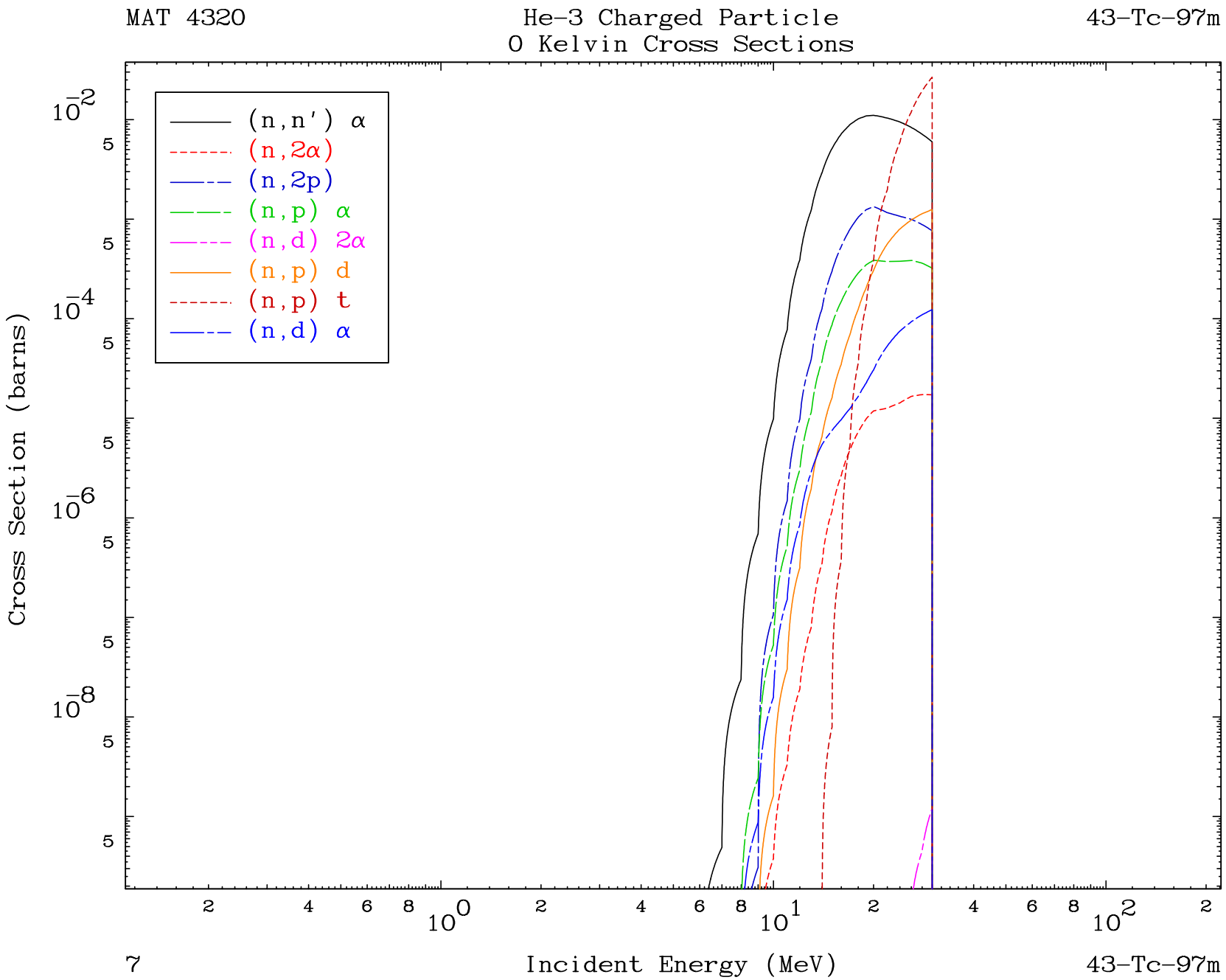

MAT 4320
He-3 Neutron Absorption
0 Kelvin Cross Sections
43-Tc-97m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
43-Tc-97m
2

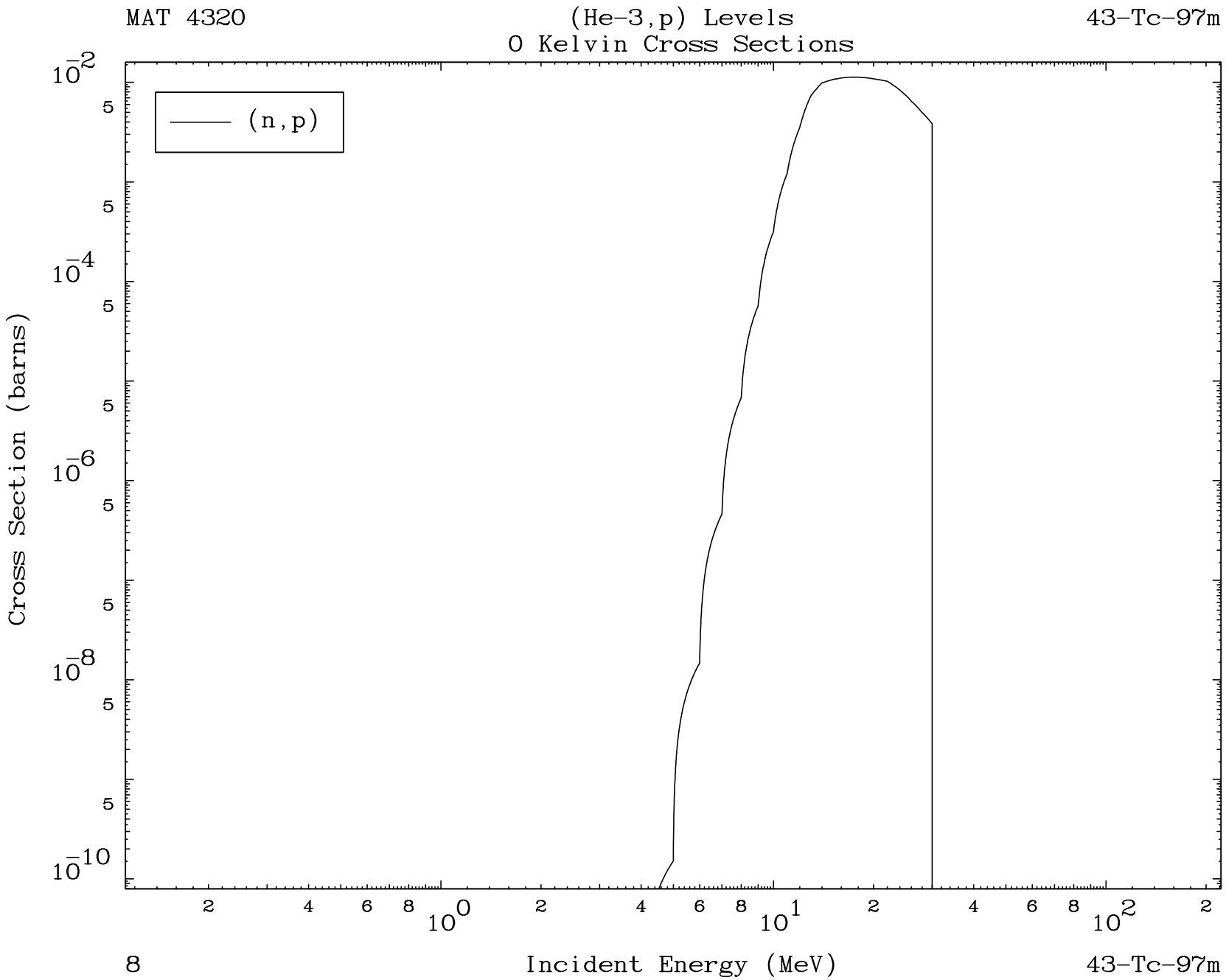

MAT 4320
He-3 Neutron Absorption
0 Kelvin Cross Sections
43-Tc-97m
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
43-Tc-97m

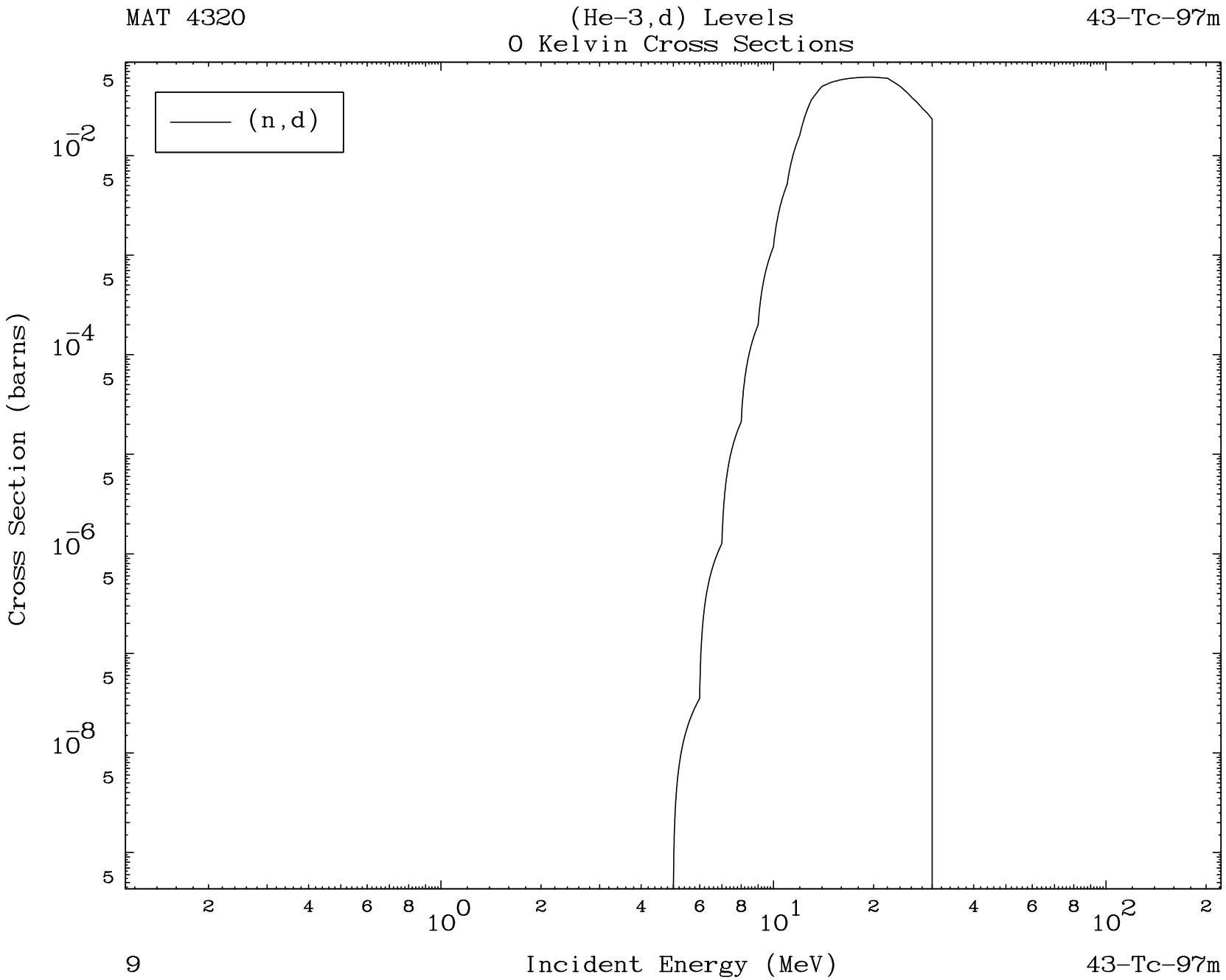

MAT 4320
He-3 Neutron Absorption
0 Kelvin Cross Sections
43-Tc-97m
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
43-Tc-97m

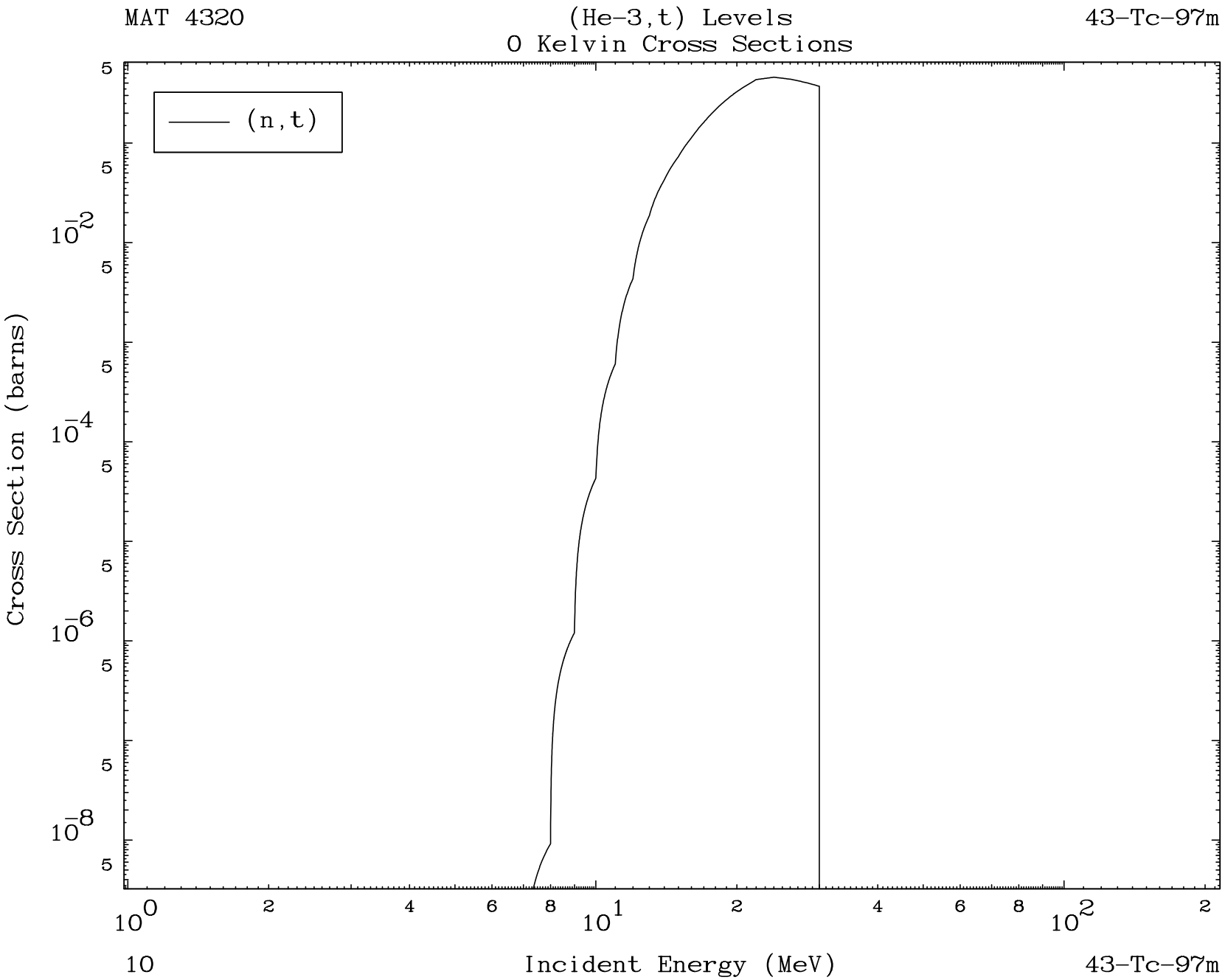

MAT 4320
He-3 Charged Particle
0 Kelvin Cross Sections
43-Tc-97m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
43-Tc-97m

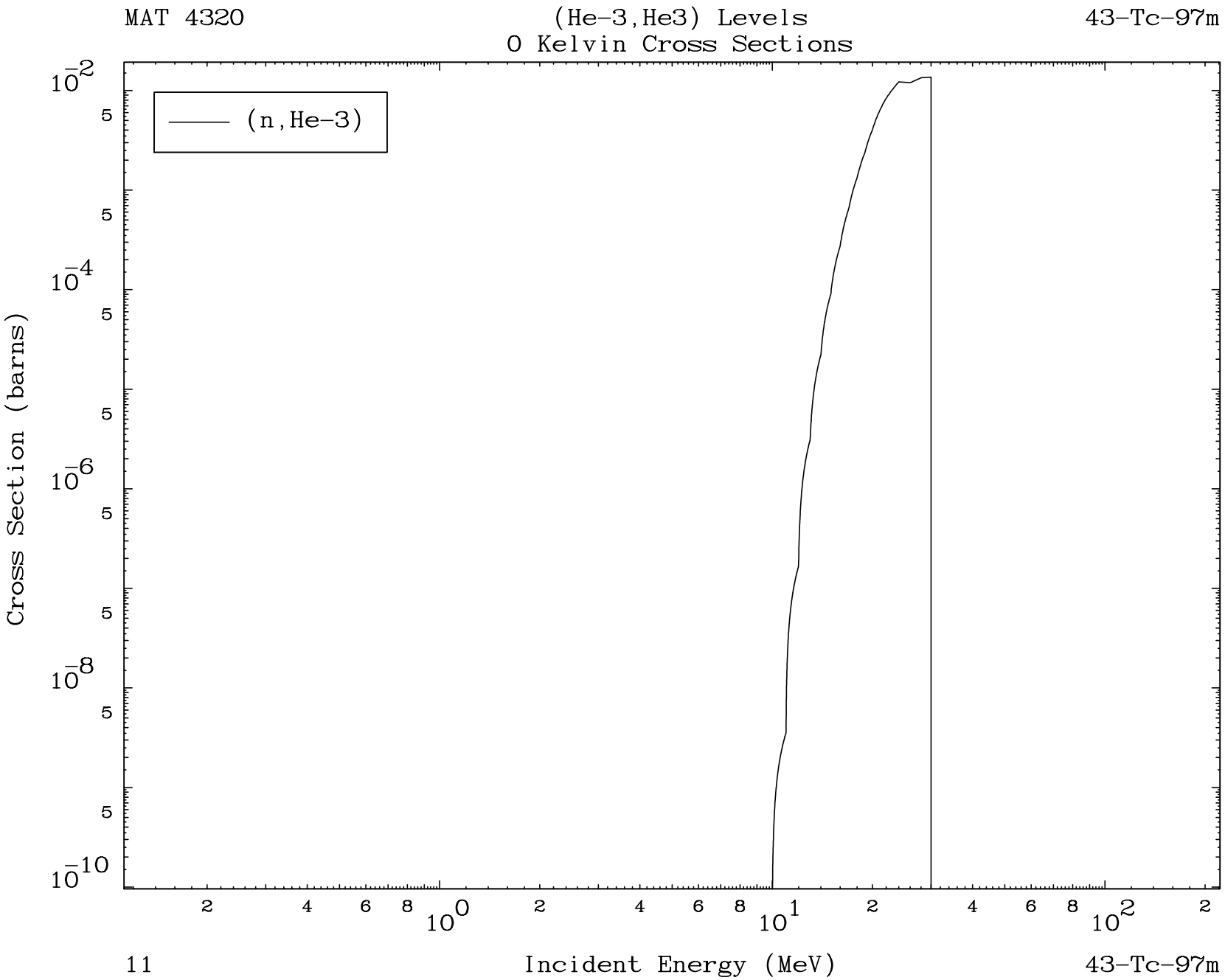

MAT 4320
He-3 Charged Particle
0 Kelvin Cross Sections
43-Tc-97m
(n,n') α
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
6
43-Tc-97m

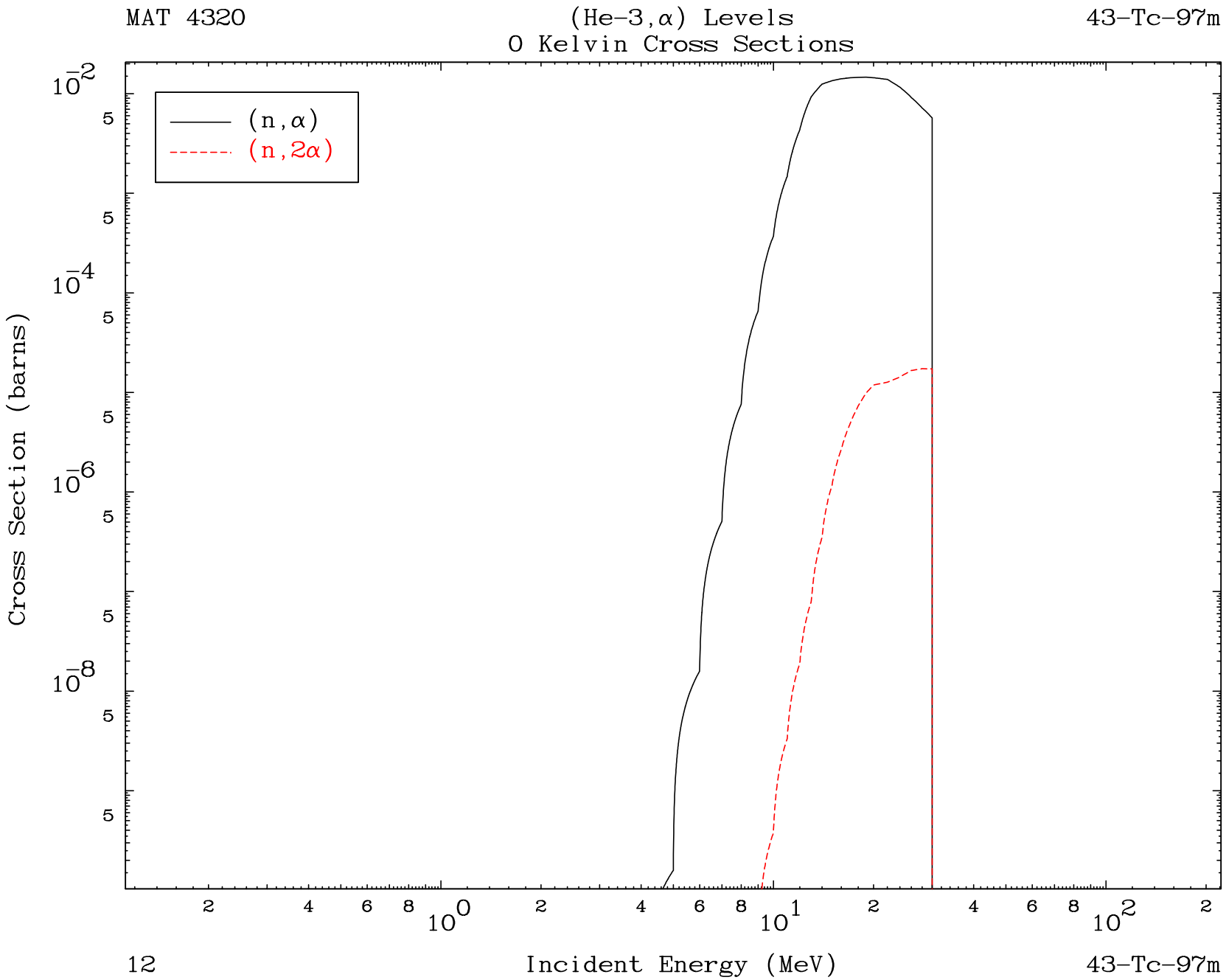

MAT 4320
He-3 Charged Particle
0 Kelvin Cross Sections
43-Tc-97m
(n,n') α
(n,2α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
43-Tc-97m

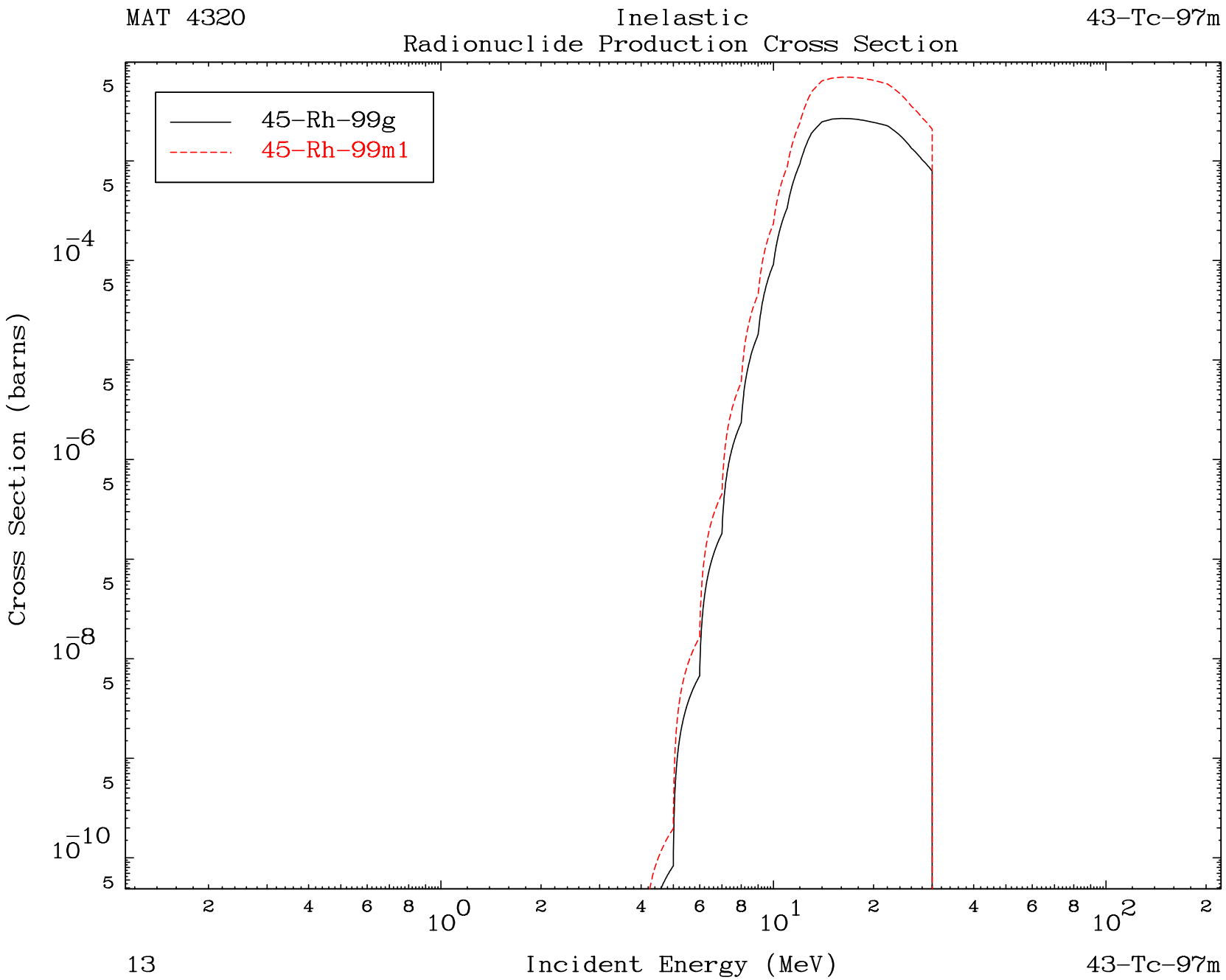

MAT 4320
(He-3,p) Levels
43-Tc-97m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
43-Tc-97m

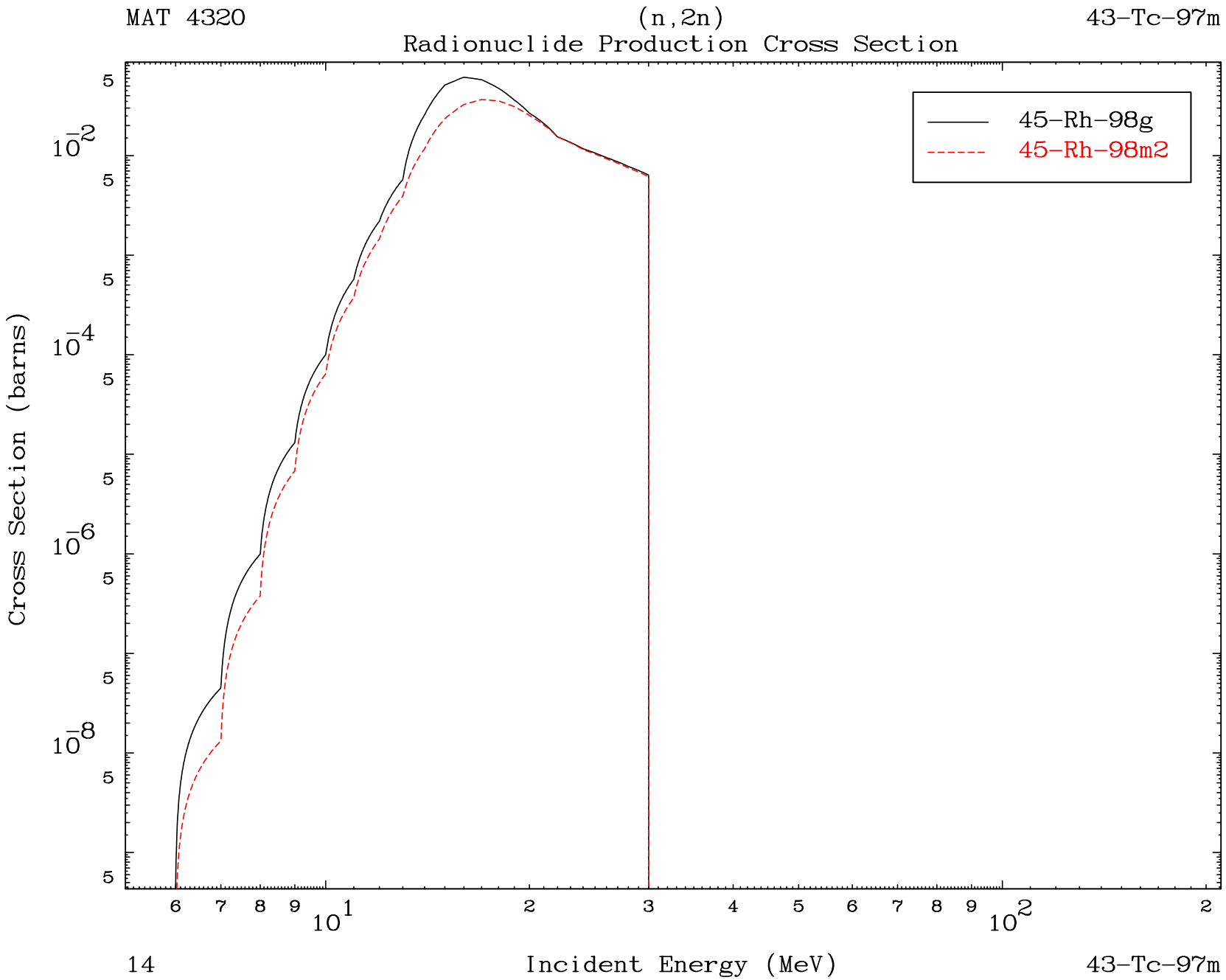

MAT 4320
(He-3,d) Levels
43-Tc-97m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
43-Tc-97m

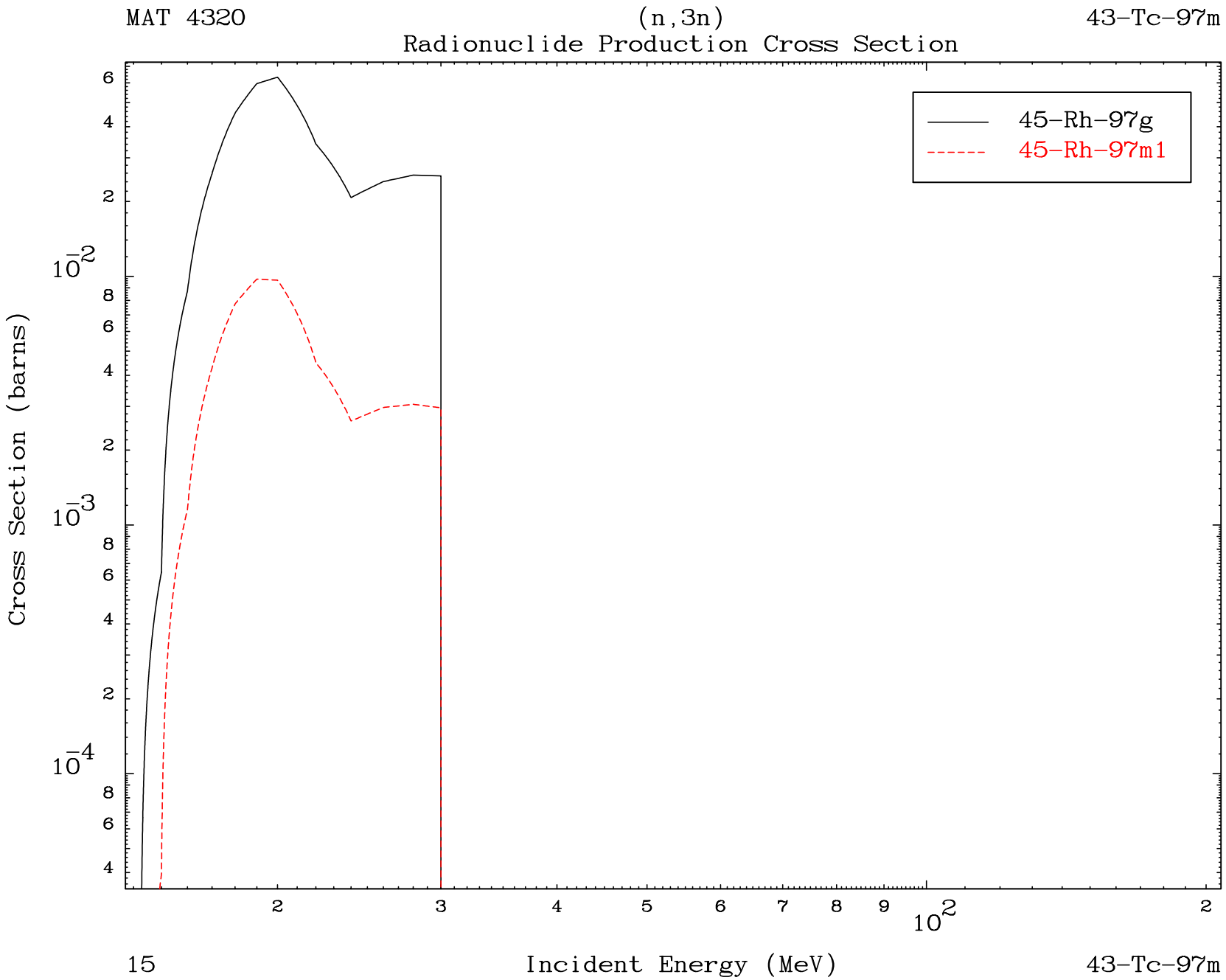

MAT 4320
(He-3,t) Levels
43-Tc-97m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
43-Tc-97m

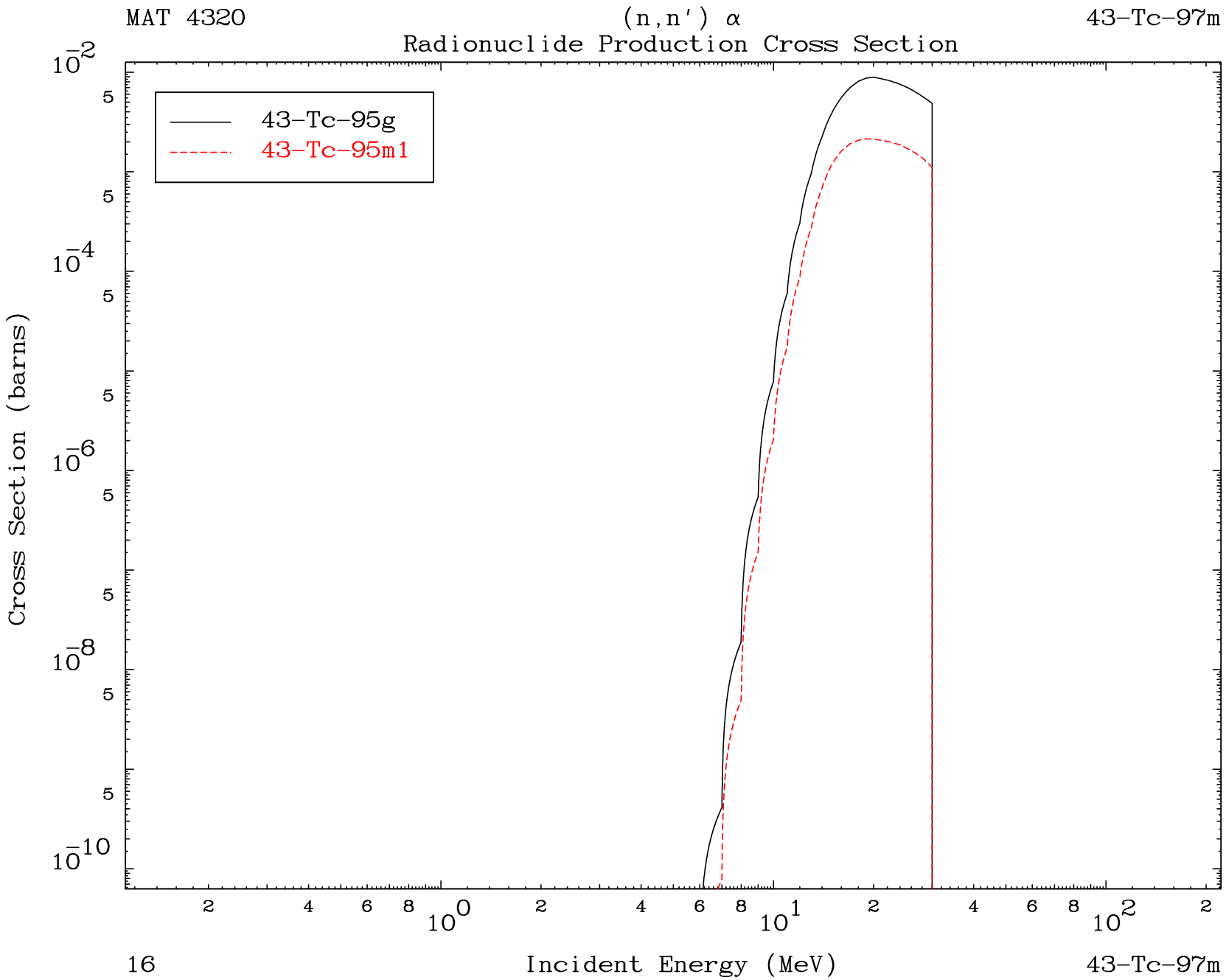

MAT 4320
(He-3,He3) Levels
43-Tc-97m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
43-Tc-97m

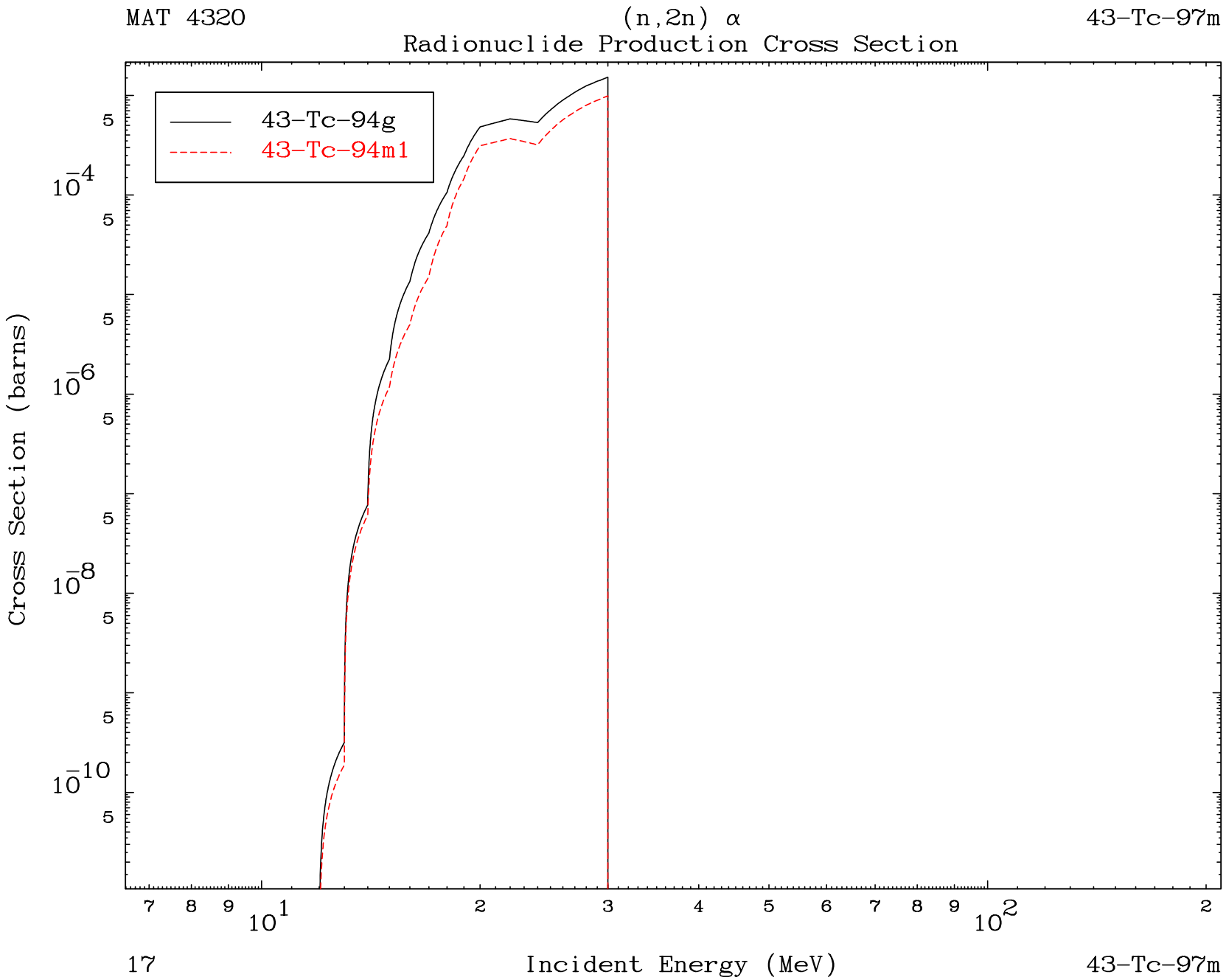

MAT 4320
(He-3,α) Levels
0 Kelvin Cross Sections
43-Tc-97m
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
12
43-Tc-97m

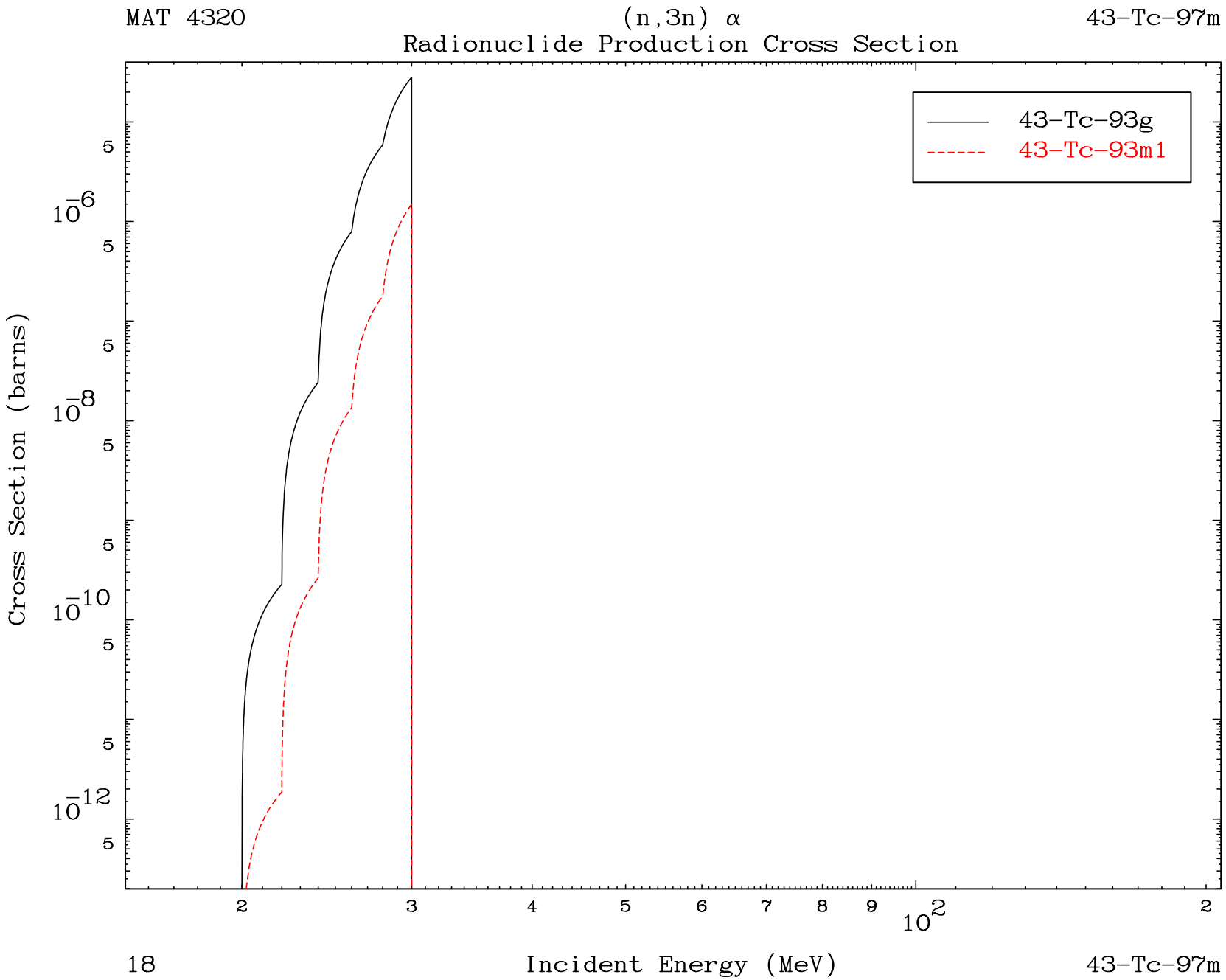

MAT 4320
Inelastic
43-Tc-97m
Radionuclide Production Cross Section
45-Rh-99g
45-Rh-99m1
Cross Section (barns)
Incident Energy (MeV)
13
43-Tc-97m

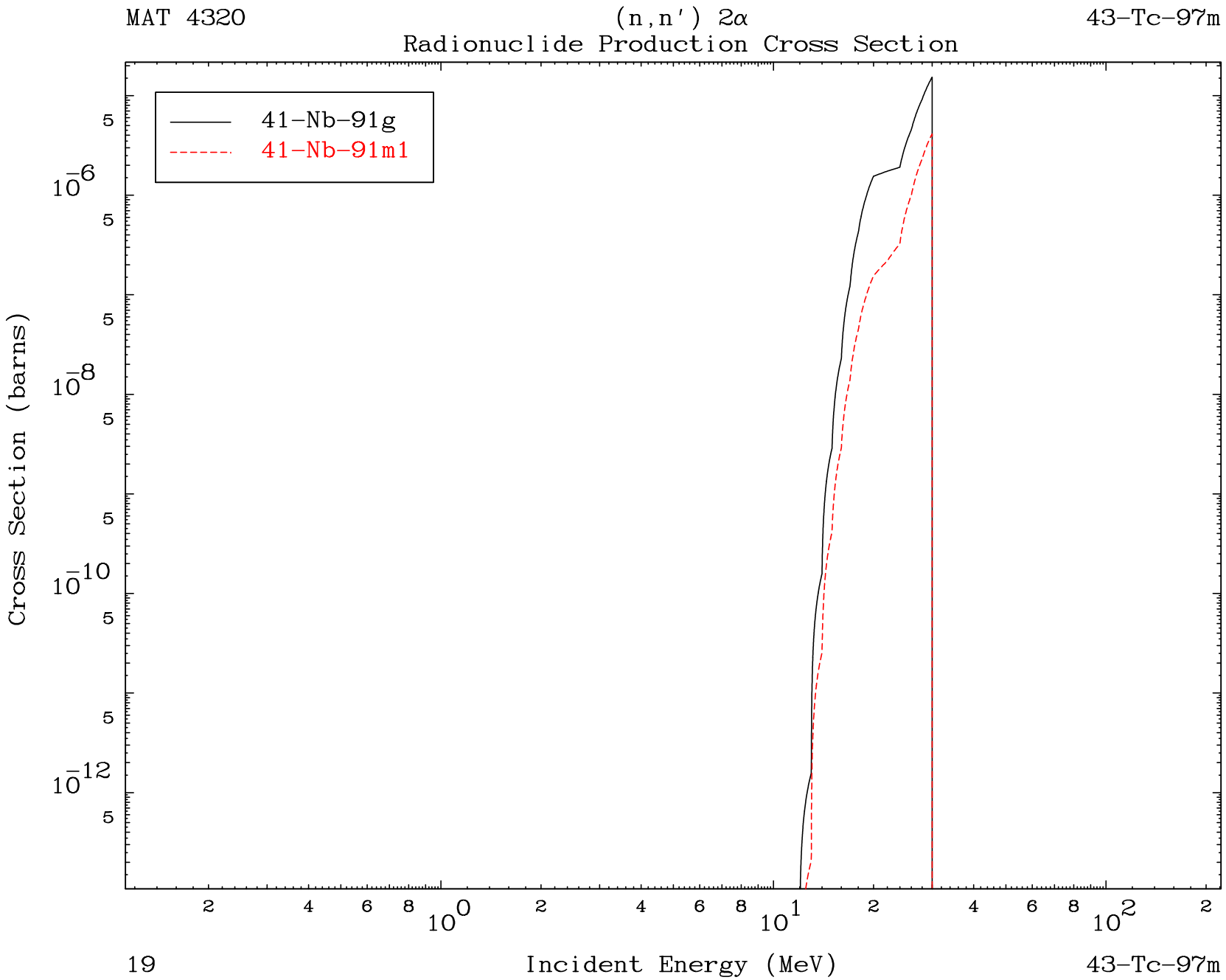

MAT 4320
(n,2n)
43-Tc-97m
Radionuclide Production Cross Section
45-Rh-98g
45-Rh-98m2
Cross Section (barns)
Incident Energy (MeV)
14
43-Tc-97m

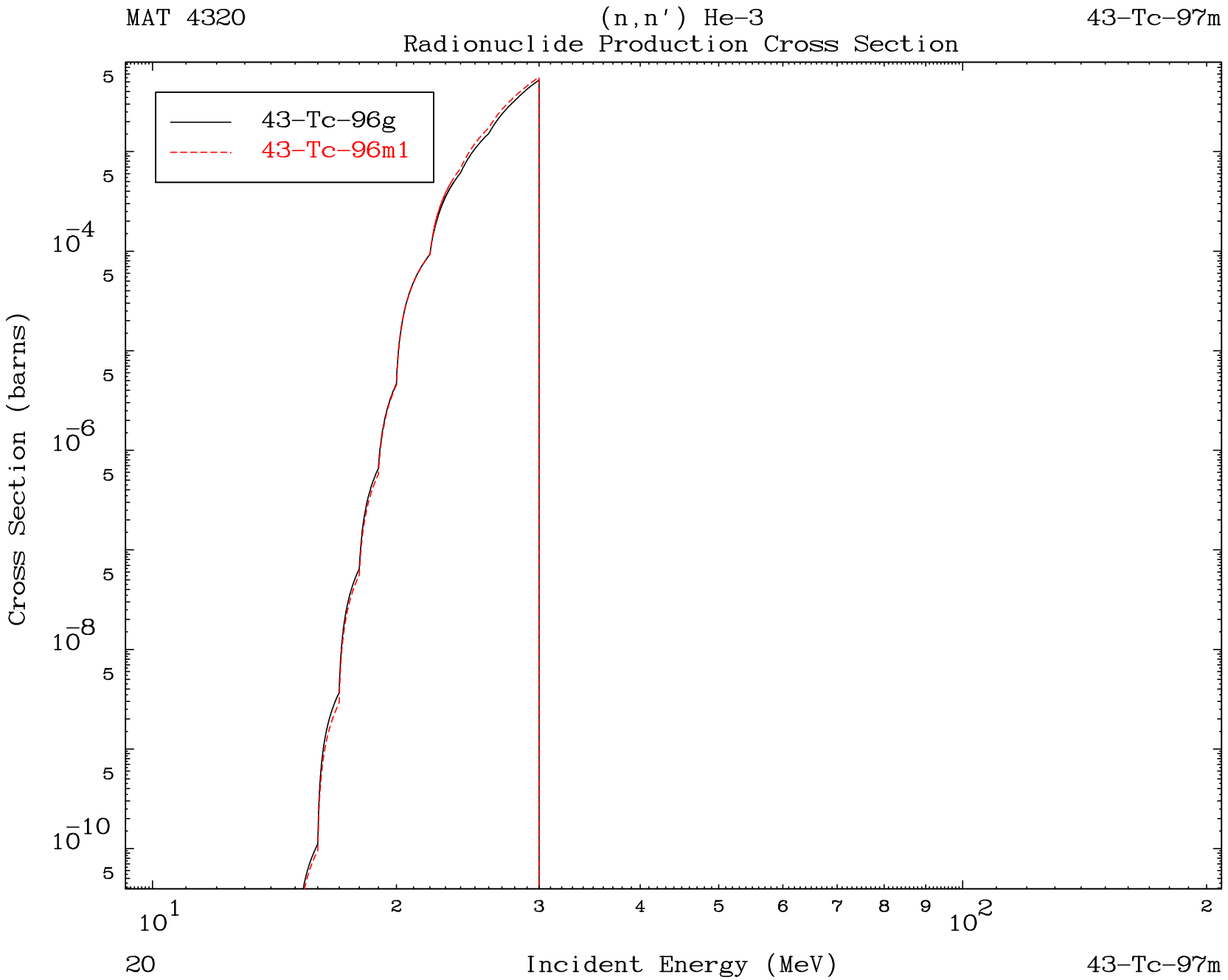

MAT 4320
(n,3n)
43-Tc-97m
Radionuclide Production Cross Section
45-Rh-97g
45-Rh-97m1
Cross Section (barns)
Incident Energy (MeV)
15
43-Tc-97m

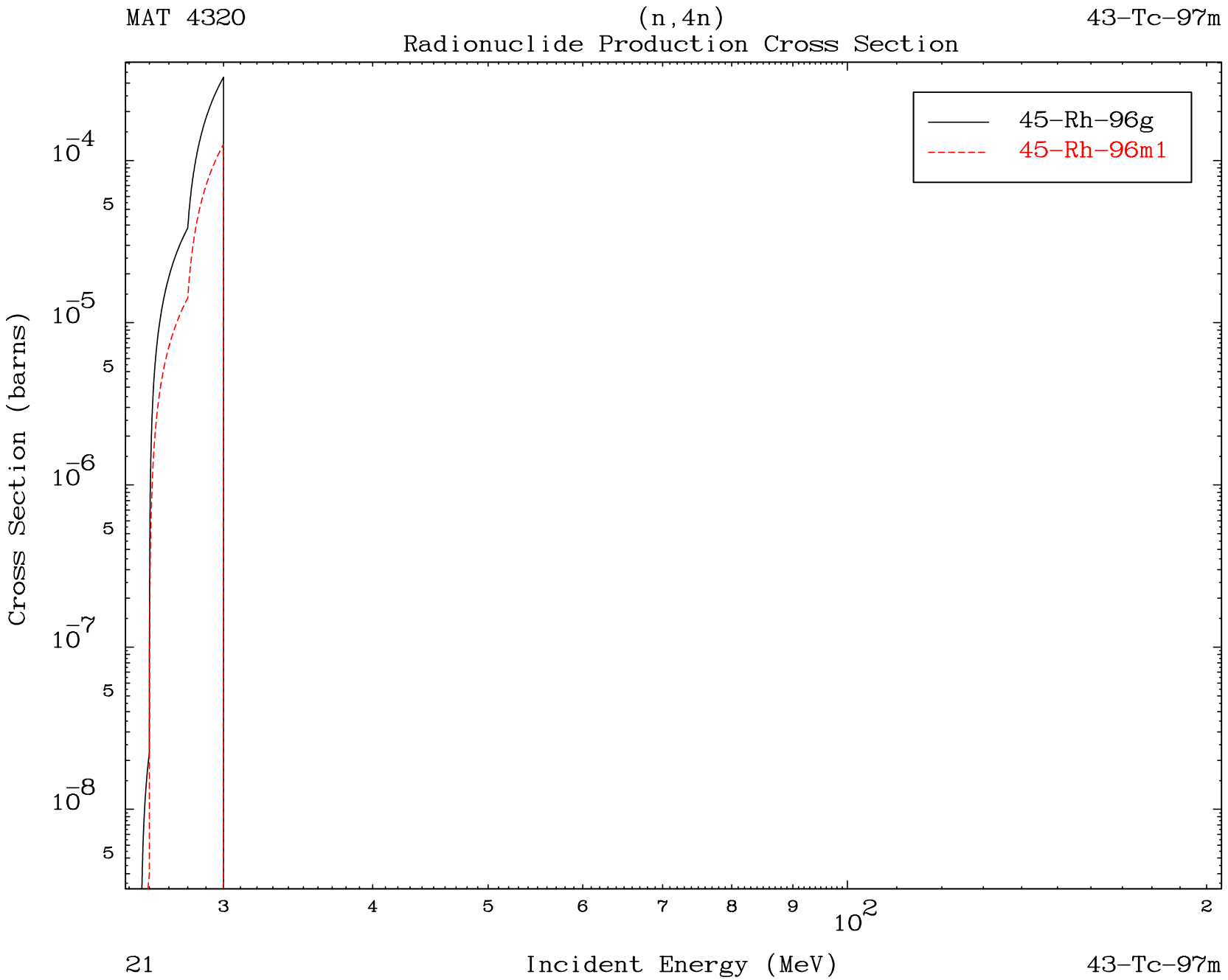

MAT 4320
(n,n') α
43-Tc-97m
Radionuclide Production Cross Section
43-Tc-95g
43-Tc-95m1
Cross Section (barns)
Incident Energy (MeV)
16
43-Tc-97m

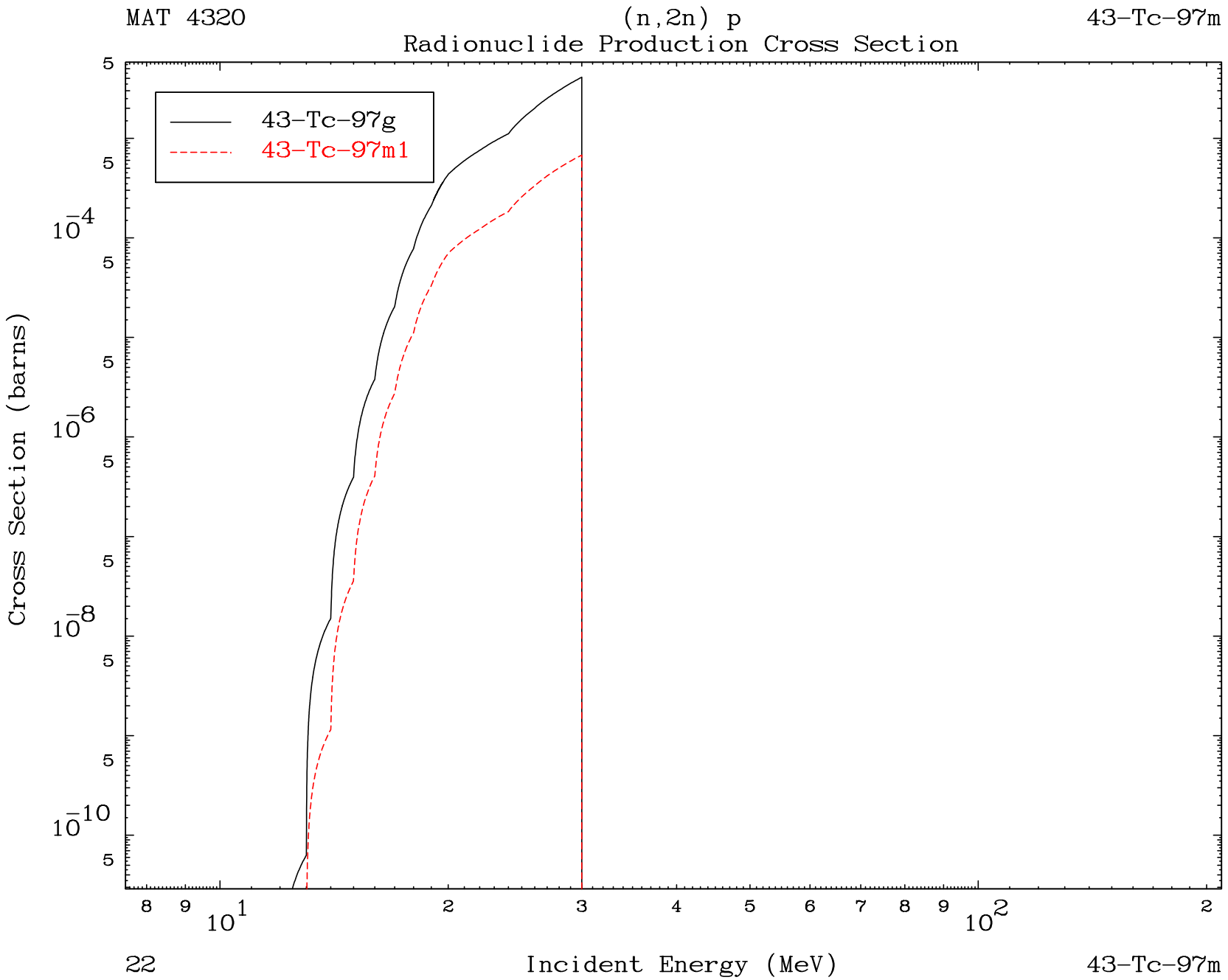

MAT 4320
(n,2n) α
43-Tc-97m
Radionuclide Production Cross Section
43-Tc-94g
43-Tc-94m1
Cross Section (barns)
10-4
10-6
10-8
10-10
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
17
43-Tc-97m

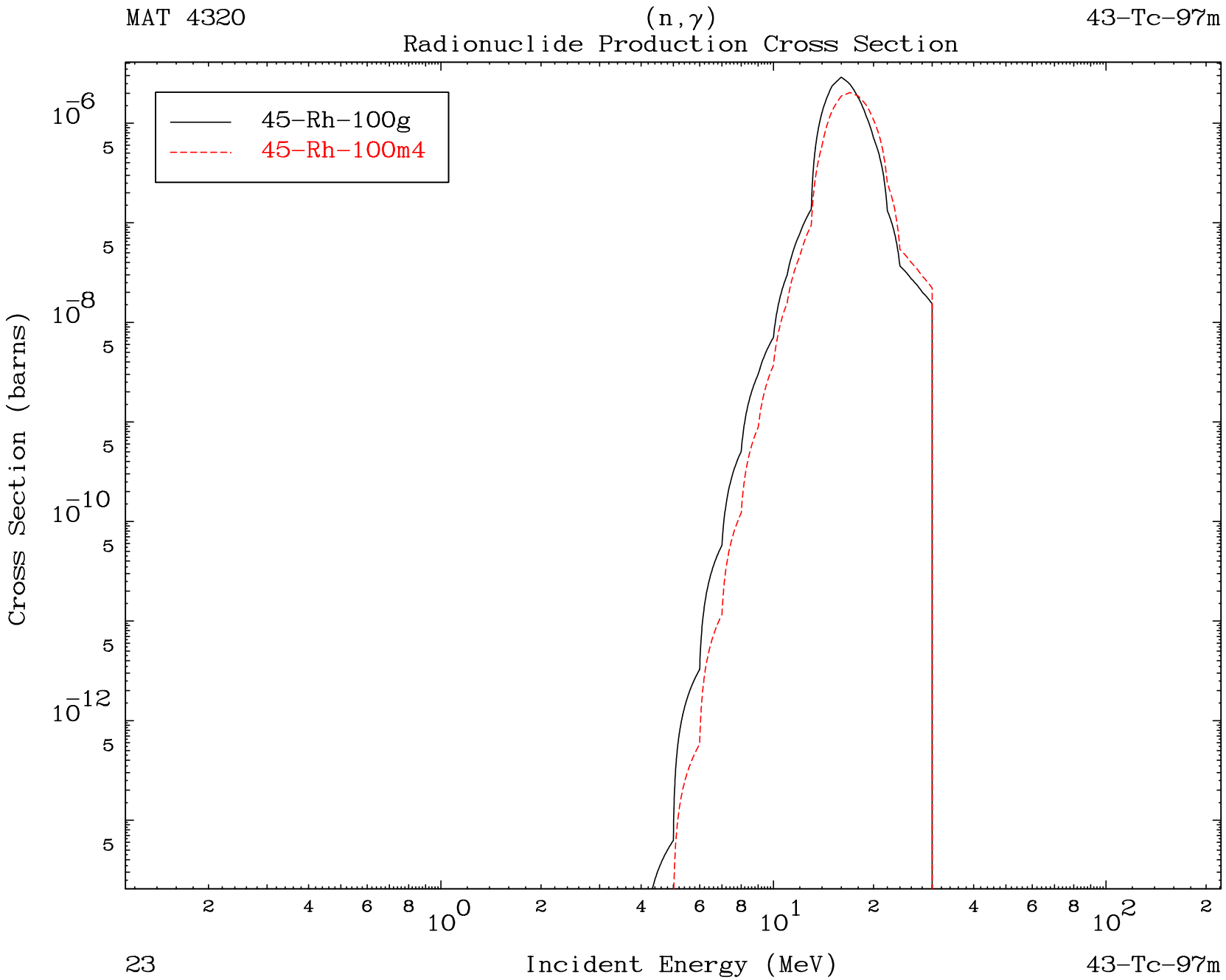

MAT 4320
(n,3n) α
43-Tc-97m
Radionuclide Production Cross Section
43-Tc-93g
43-Tc-93m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
18
Incident Energy (MeV)
43-Tc-97m

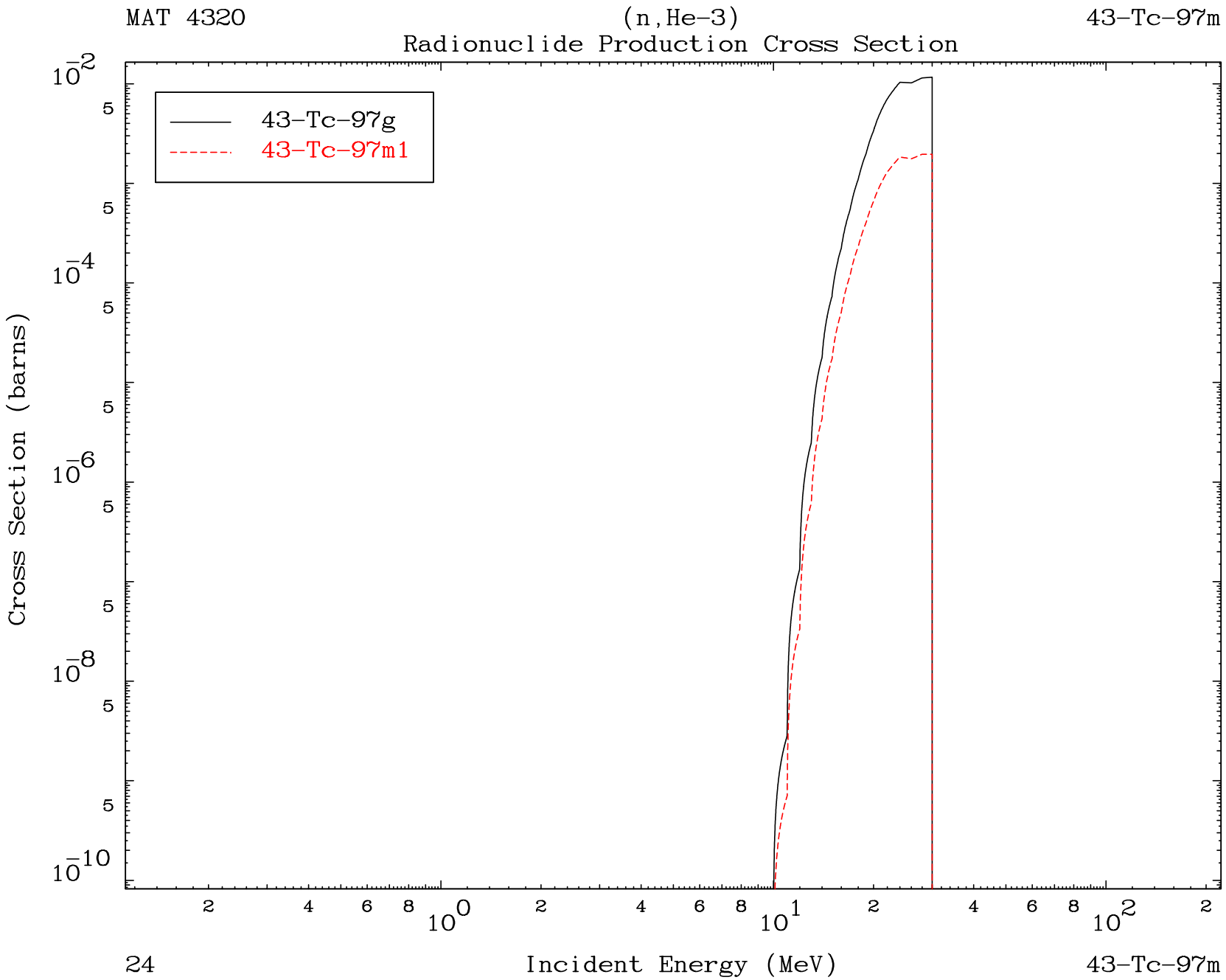

MAT 4320
(n,n') 2α
43-Tc-97m
Radionuclide Production Cross Section
41-Nb-91g
41-Nb-91m1
Cross Section (barns)
Incident Energy (MeV)
19
43-Tc-97m

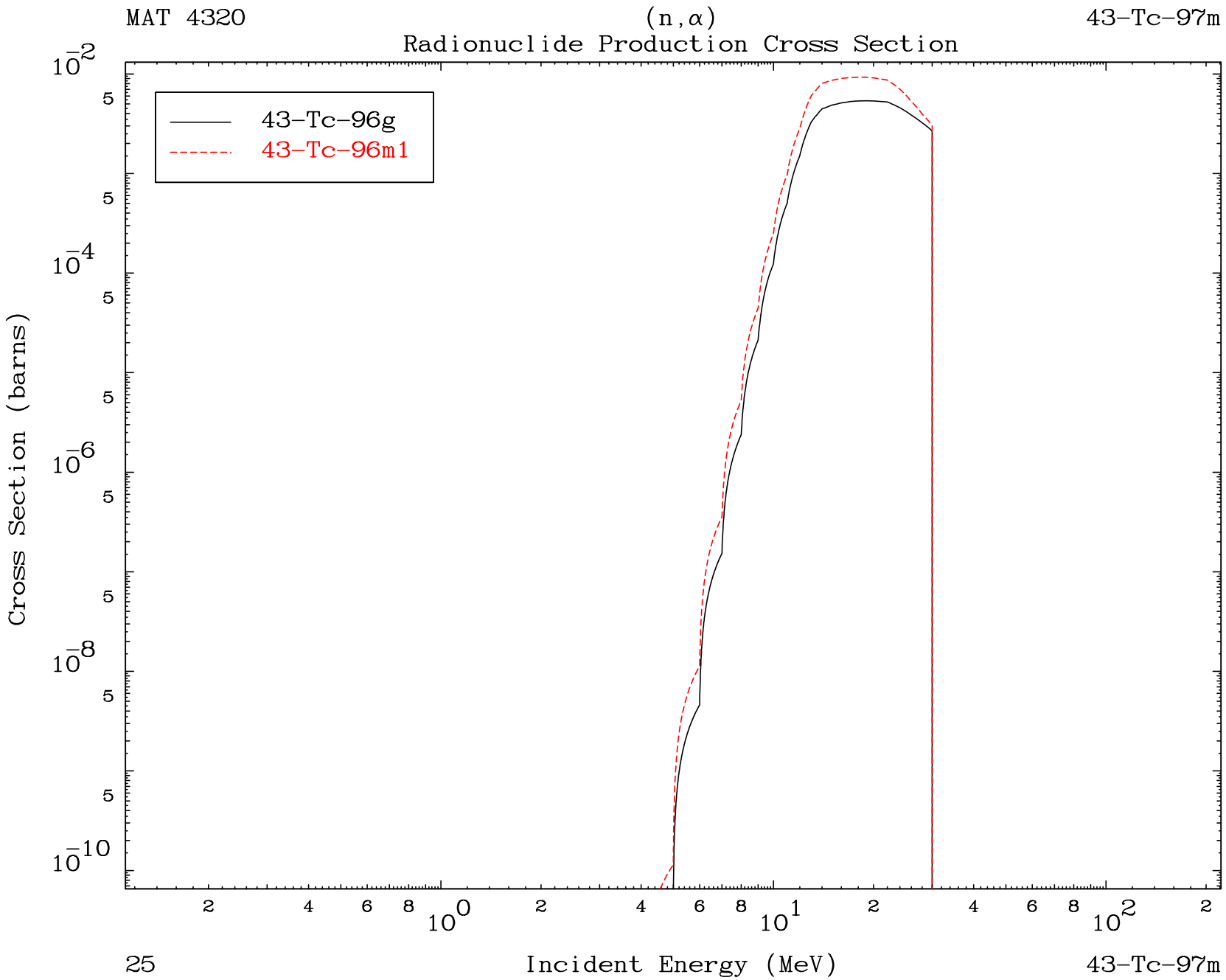

MAT 4320
(n,n') He-3
43-Tc-97m
Radionuclide Production Cross Section
43-Tc-96g
43-Tc-96m1
Cross Section (barns)
Incident Energy (MeV)
20
43-Tc-97m

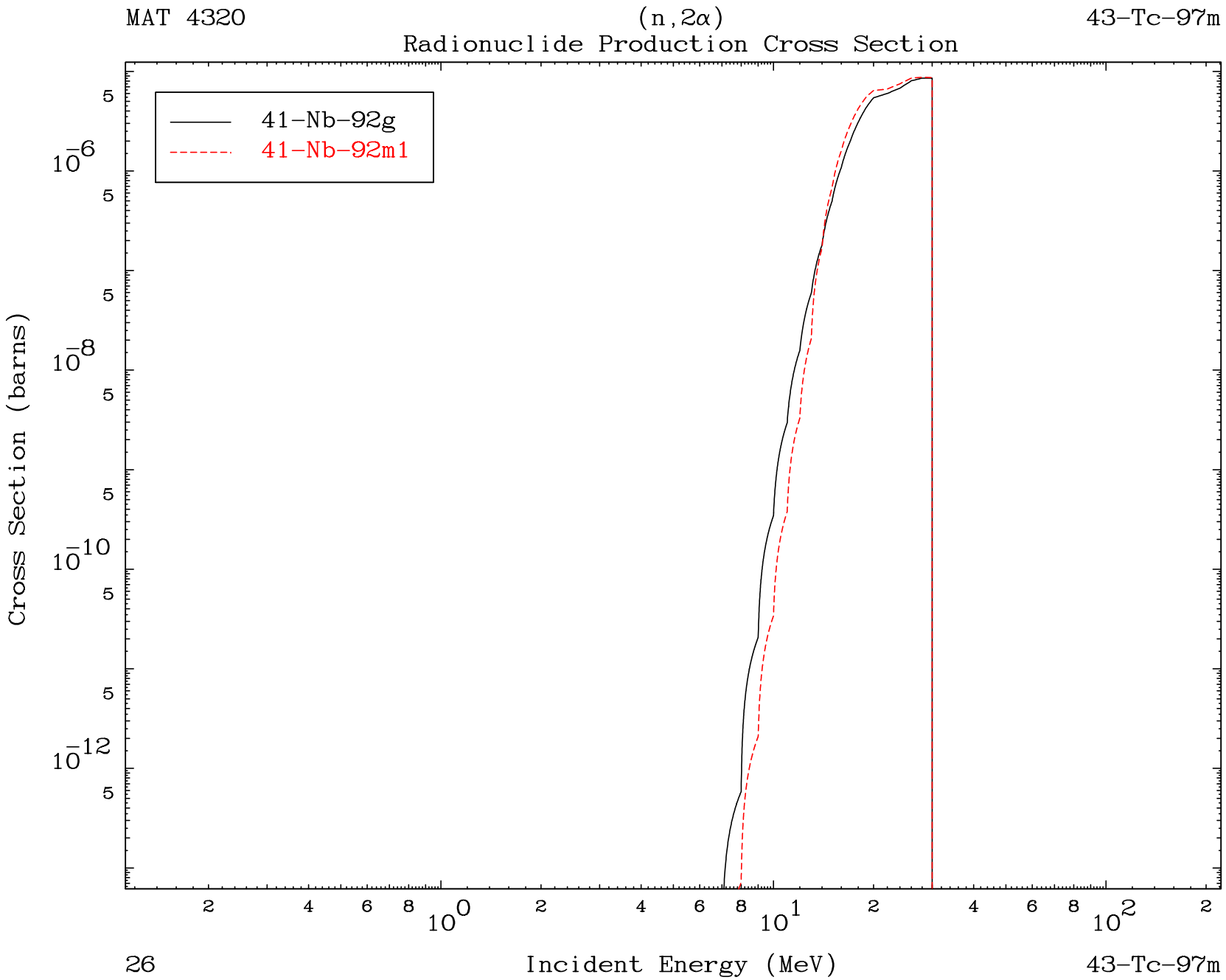

MAT 4320
(n,4n)
43-Tc-97m
Radionuclide Production Cross Section
45-Rh-96g
45-Rh-96m1
Cross Section (barns)
10-4
5
10-5
5
10-6
5
10-7
5
10-8
5
3
4
5
6
7
8
9
10 2
2
21
Incident Energy (MeV)
43-Tc-97m

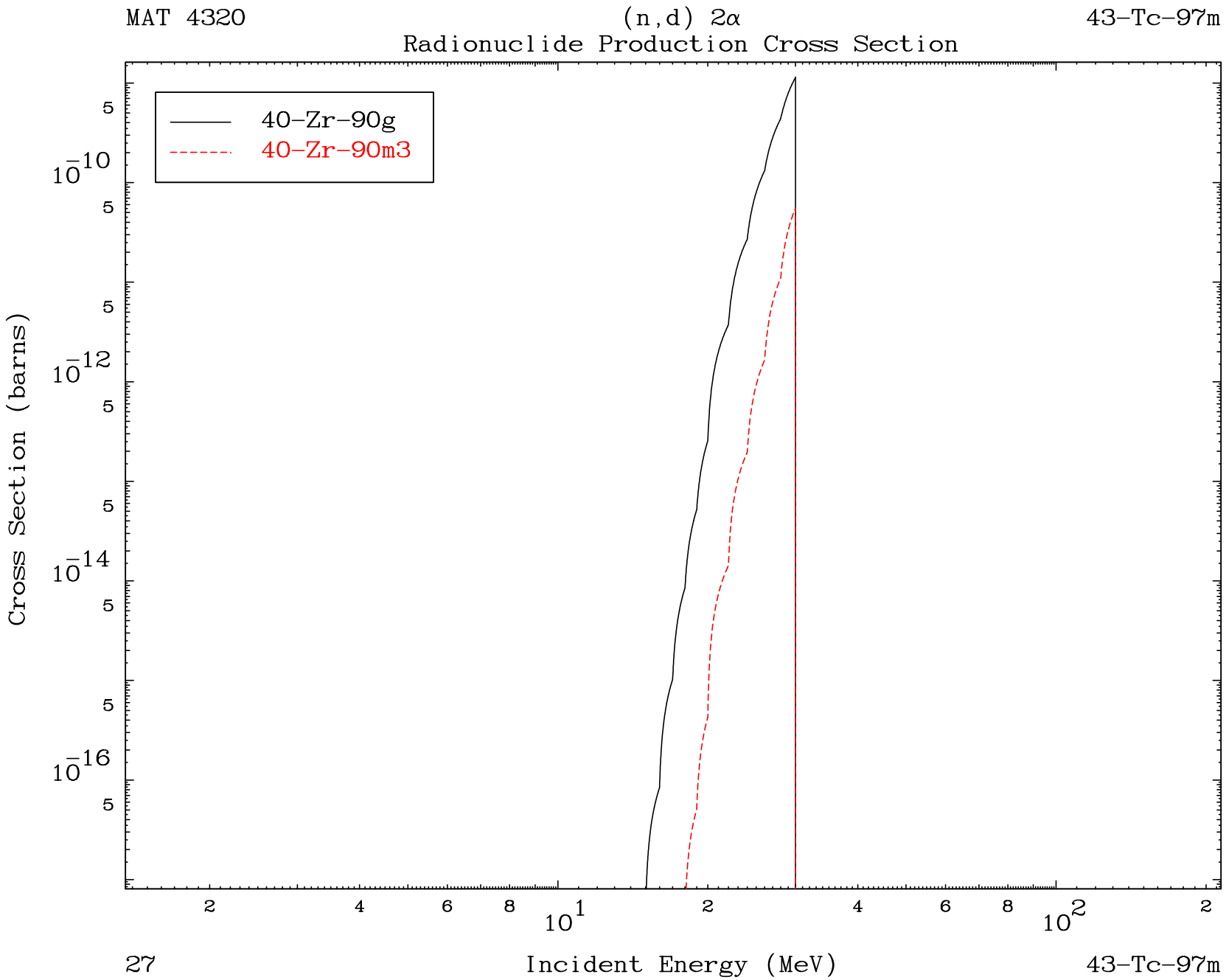

MAT 4320
(n,2n) p
43-Tc-97m
Radionuclide Production Cross Section
43-Tc-97g
43-Tc-97m1
Cross Section (barns)
Incident Energy (MeV)
22
43-Tc-97m

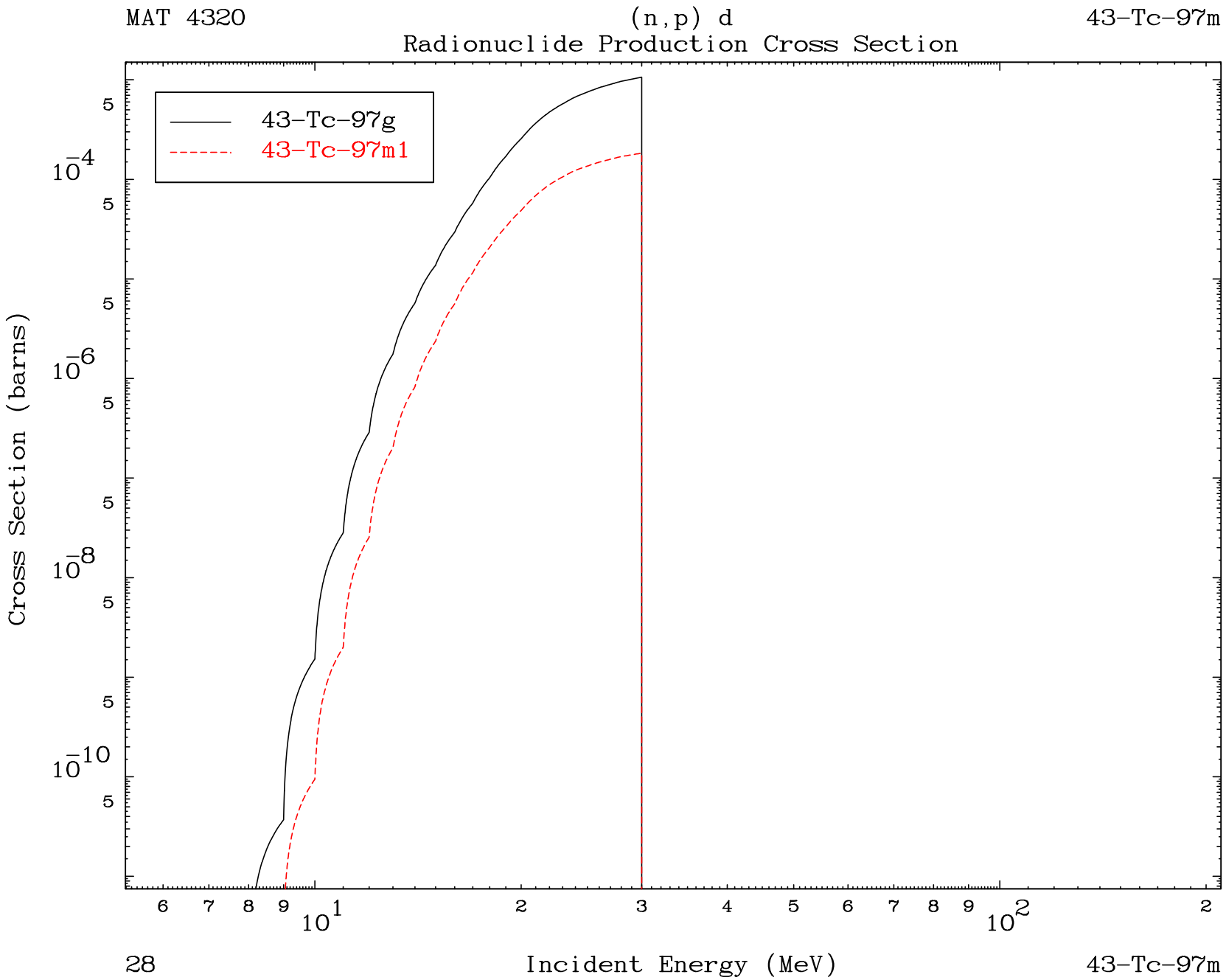

MAT 4320
(n,γ)
43-Tc-97m
Radionuclide Production Cross Section
45-Rh-100g
45-Rh-100m4
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
23
43-Tc-97m

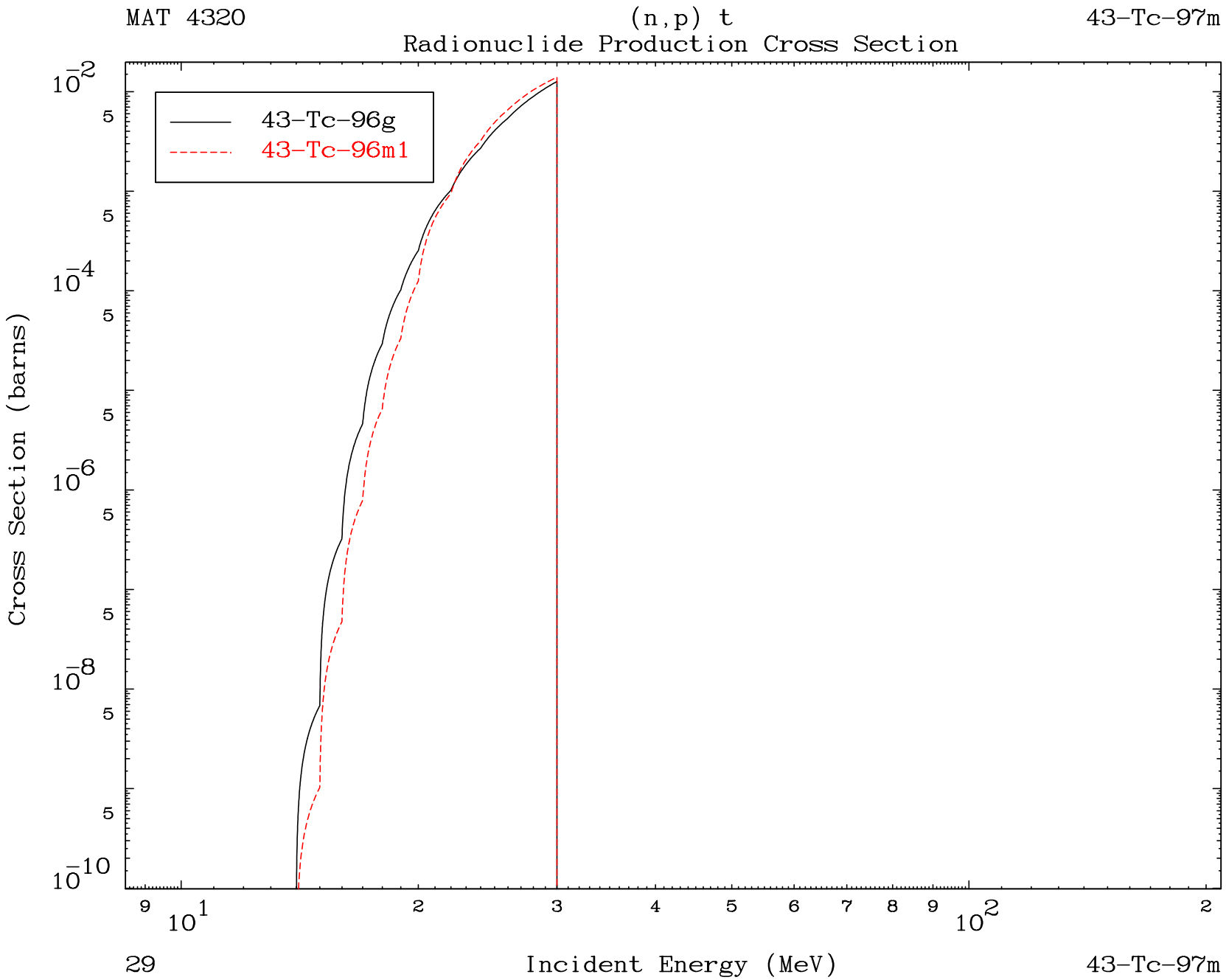

MAT 4320
(n,He-3)
43-Tc-97m
Radionuclide Production Cross Section
43-Tc-97g
43-Tc-97m1
Cross Section (barns)
Incident Energy (MeV)
24
43-Tc-97m


MAT 4320
(n,α)
43-Tc-97m
Radionuclide Production Cross Section
43-Tc-96g
43-Tc-96m1
Cross Section (barns)
Incident Energy (MeV)
25
43-Tc-97m


MAT 4320
(n,2α)
43-Tc-97m
Radionuclide Production Cross Section
41-Nb-92g
41-Nb-92m1
Cross Section (barns)
Incident Energy (MeV)
26
43-Tc-97m


MAT 4320
(n,d) 2α
43-Tc-97m
Radionuclide Production Cross Section
40-Zr-90g
40-Zr-90m3
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
4
6
8
10^1
10^2
27
Incident Energy (MeV)
43-Tc-97m


MAT 4320
(n,p) d
43-Tc-97m
Radionuclide Production Cross Section
43-Tc-97g
43-Tc-97m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
28
43-Tc-97m


MAT 4320
(n,p) t
43-Tc-97m
Radionuclide Production Cross Section
43-Tc-96g
43-Tc-96m1
Cross Section (barns)
Incident Energy (MeV)
29
43-Tc-97m