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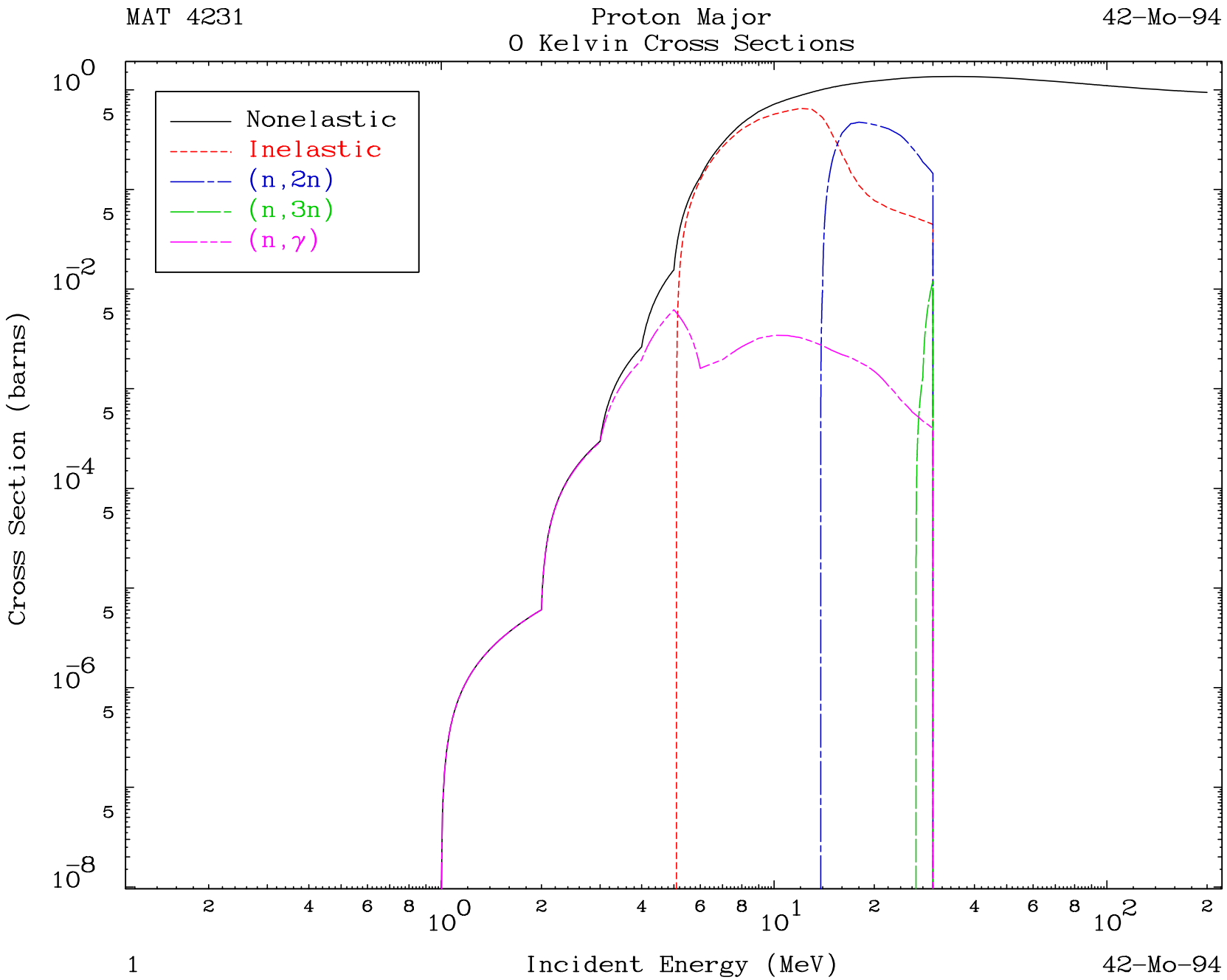
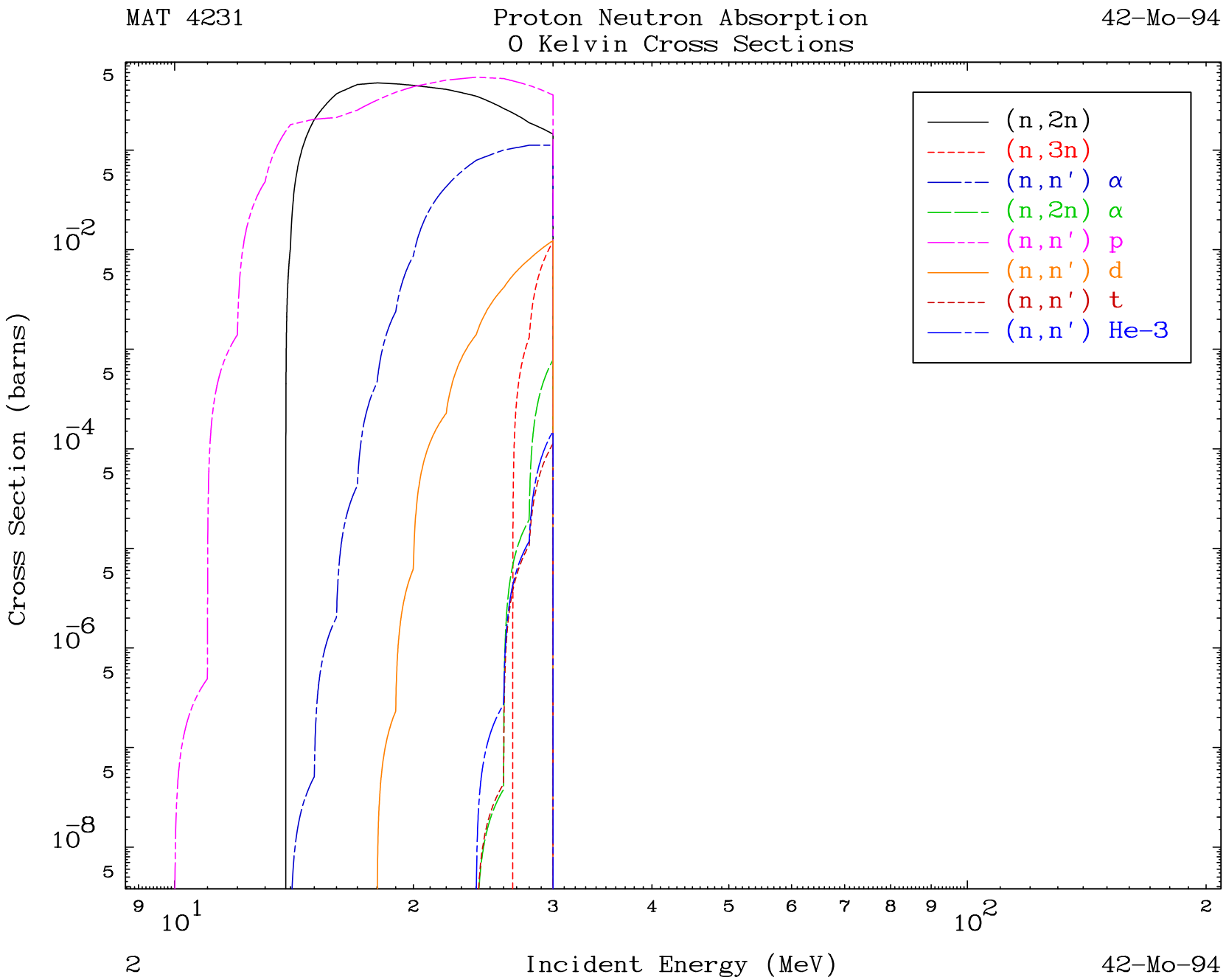
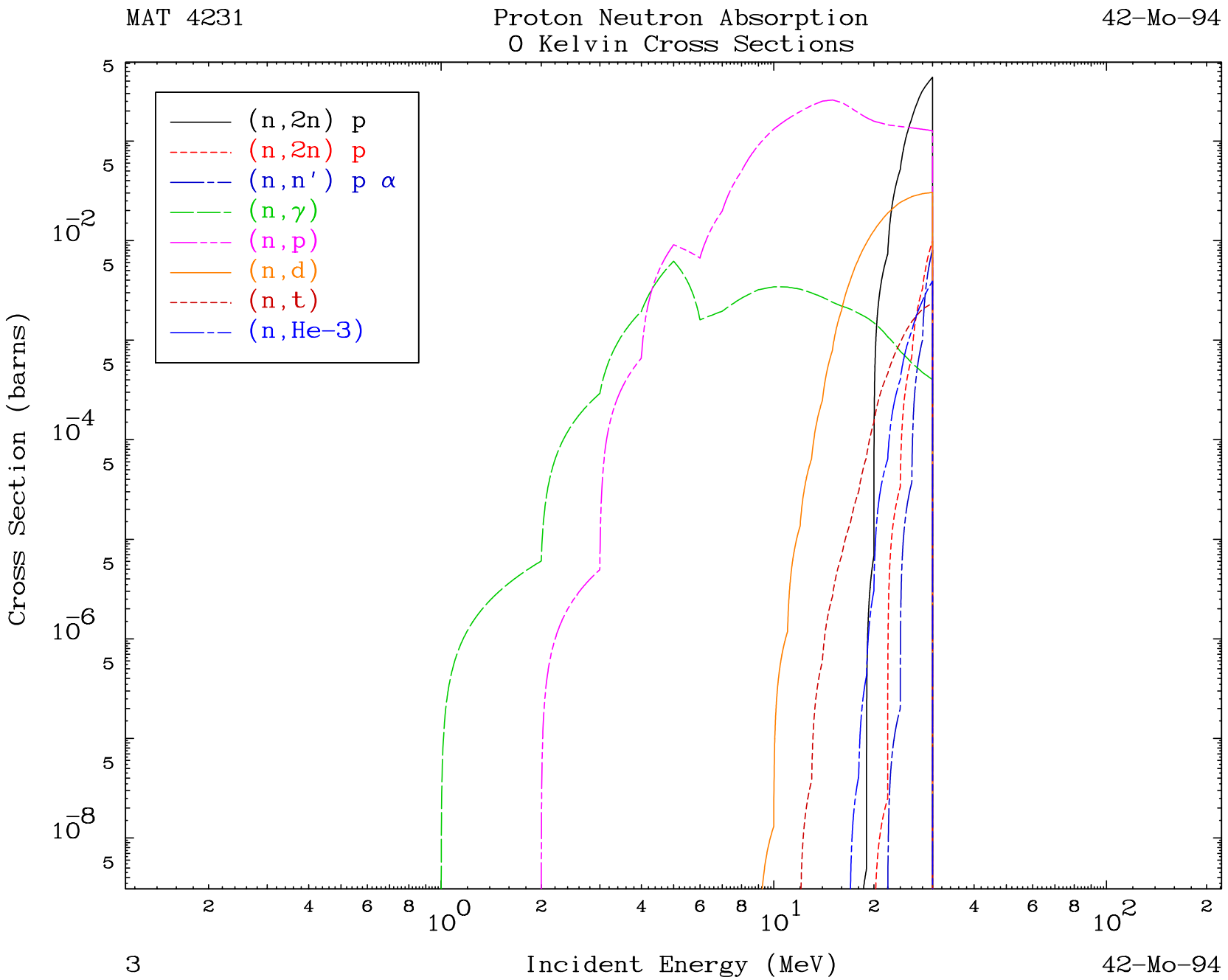
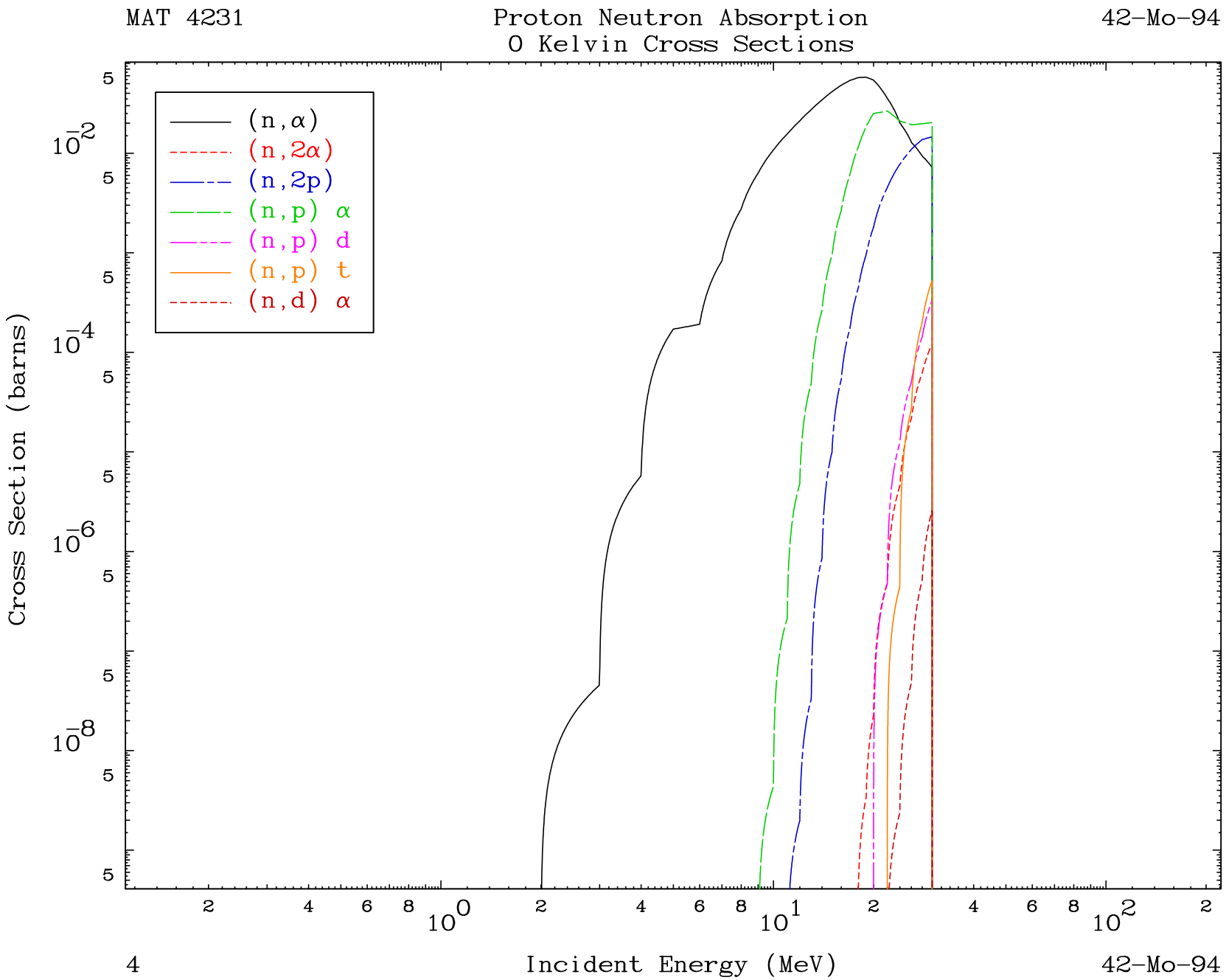
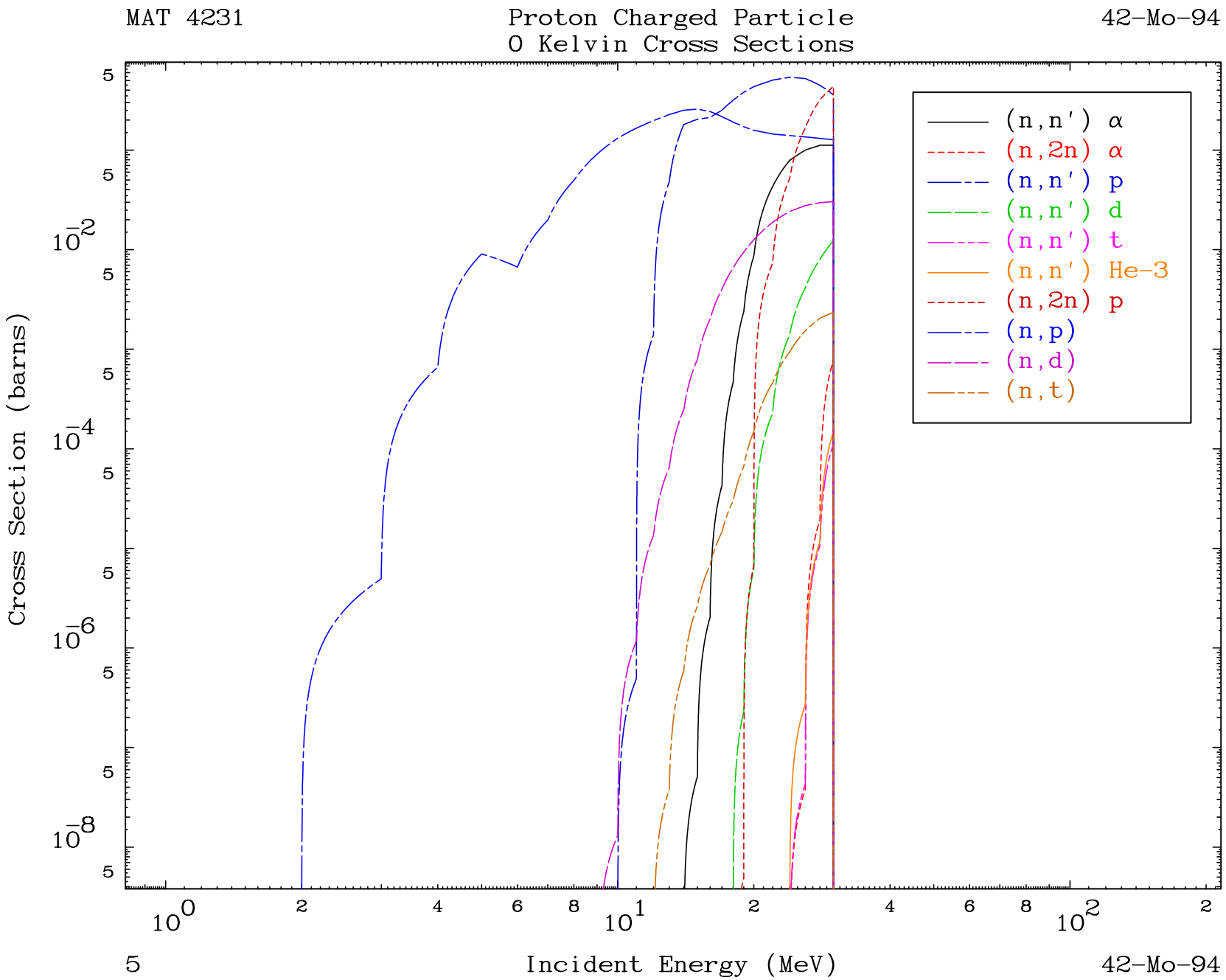
Press Mouse Button to Start

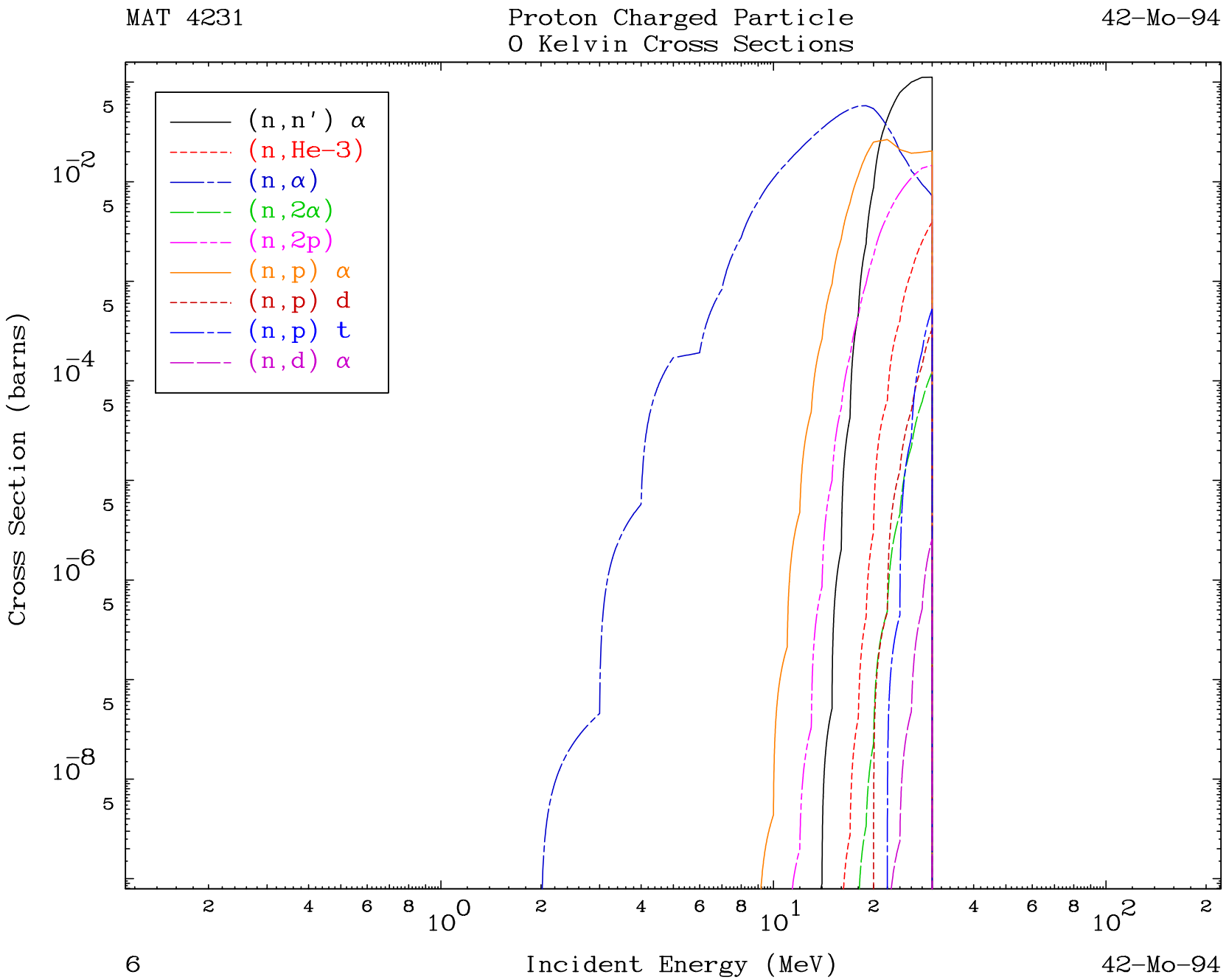

MAT 4231
Proton Major
42-Mo-94
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
42-Mo-94

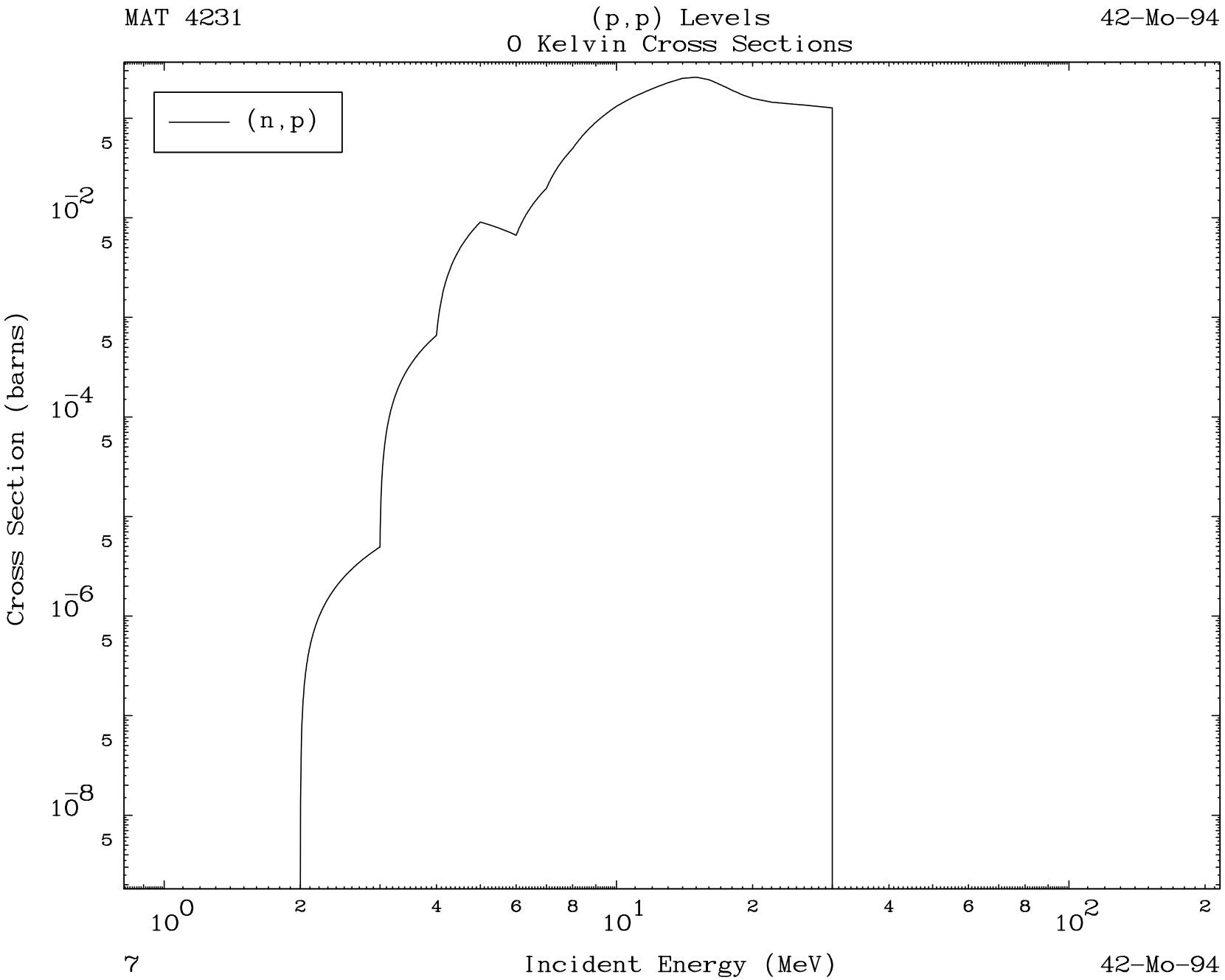

MAT 4231
Proton Neutron Absorption
0 Kelvin Cross Sections
42-Mo-94
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
42-Mo-94
2

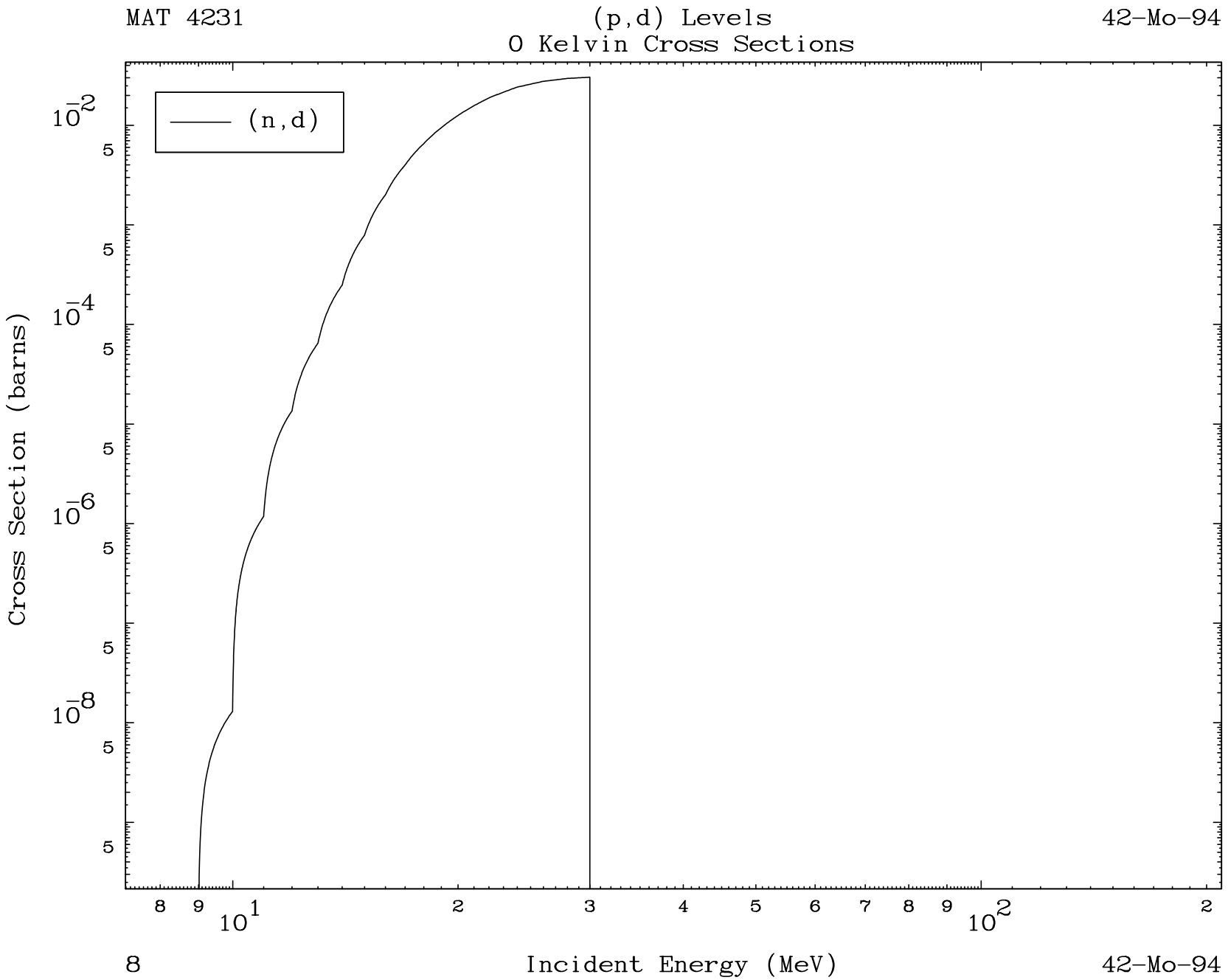

MAT 4231
Proton Neutron Absorption
0 Kelvin Cross Sections
42-Mo-94
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
42-Mo-94

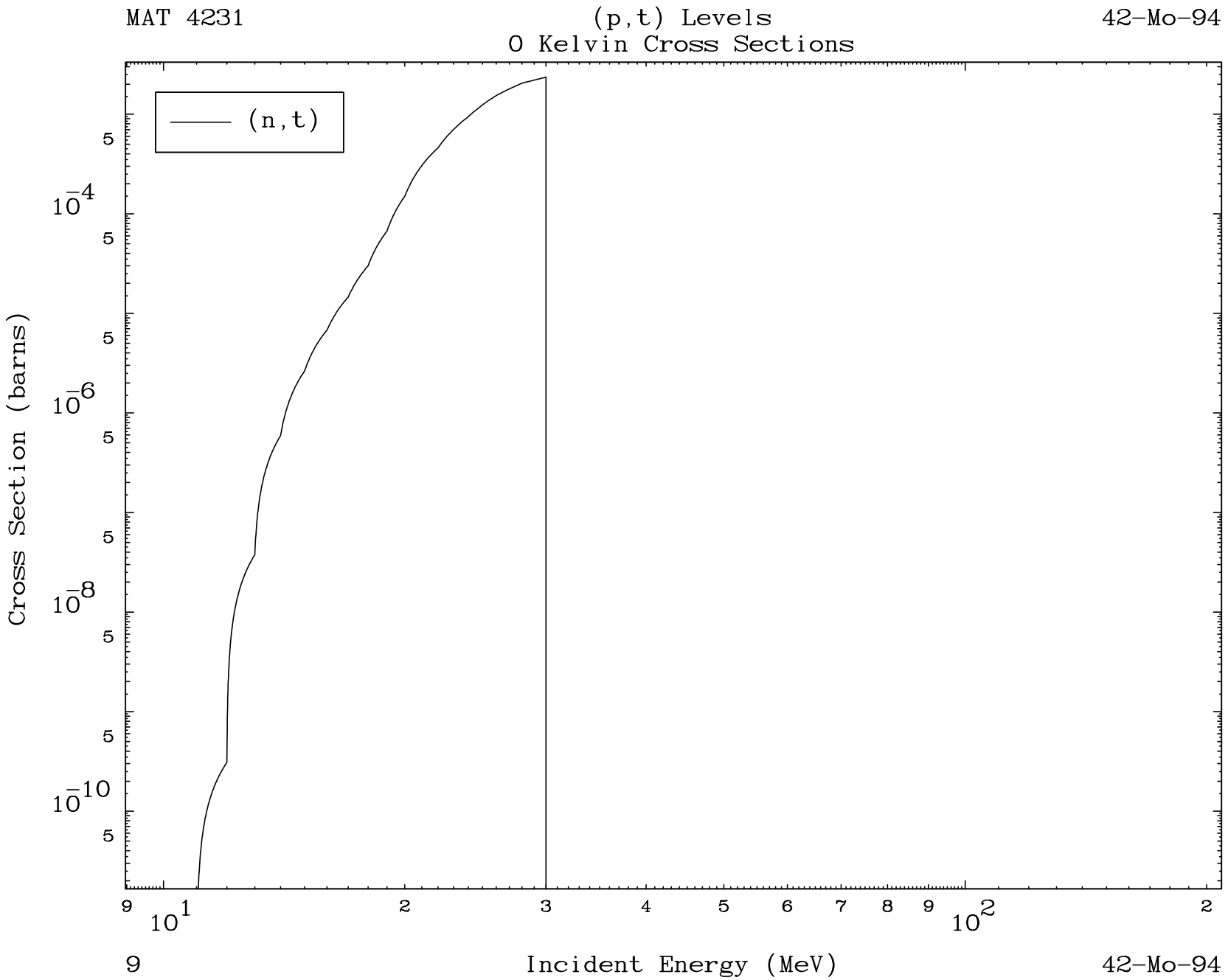

MAT 4231
Proton Neutron Absorption
0 Kelvin Cross Sections
42-Mo-94
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
42-Mo-94

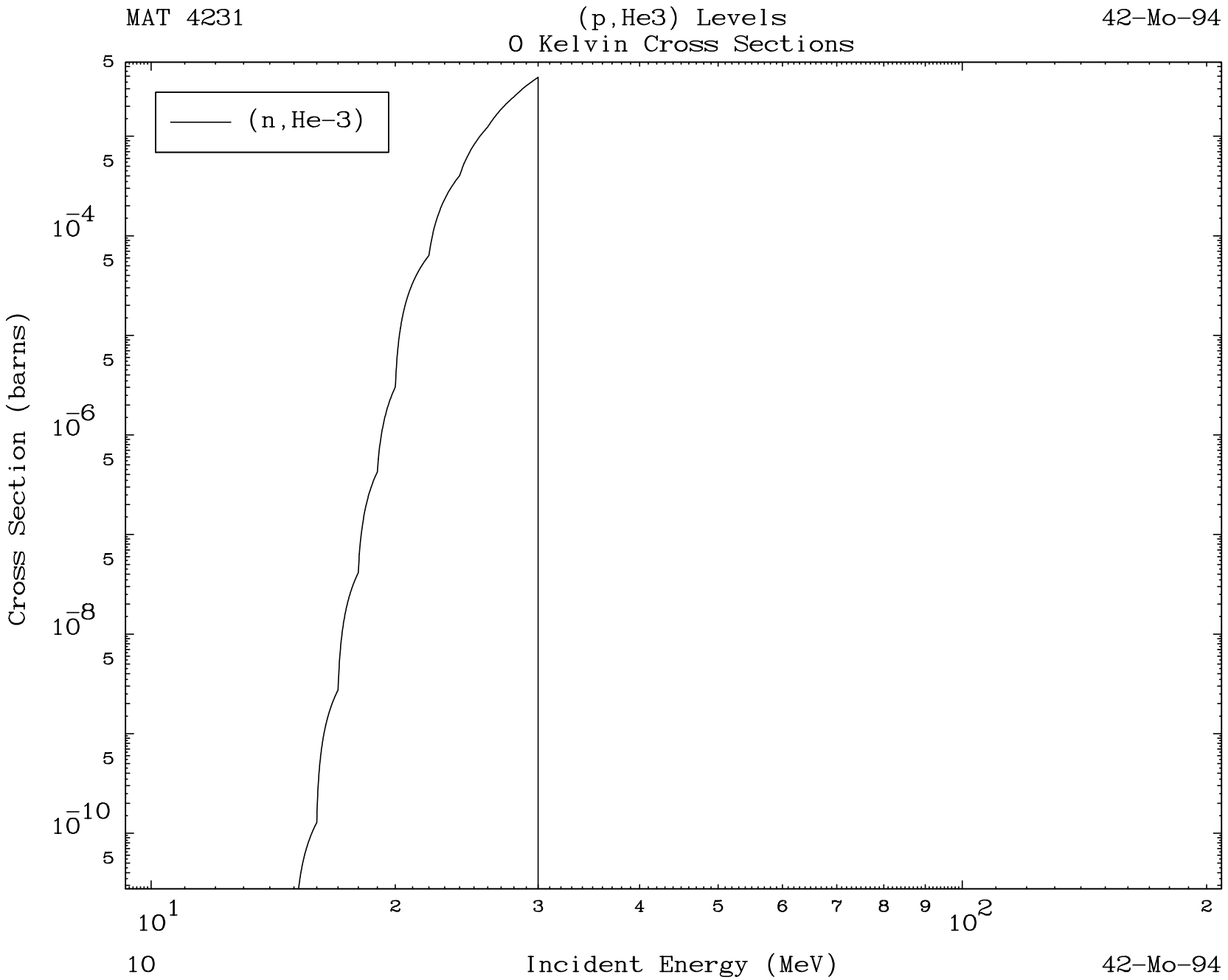

MAT 4231
Proton Charged Particle
0 Kelvin Cross Sections
42-Mo-94
Cross Section (barns)
Incident Energy (MeV)
42-Mo-94
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)

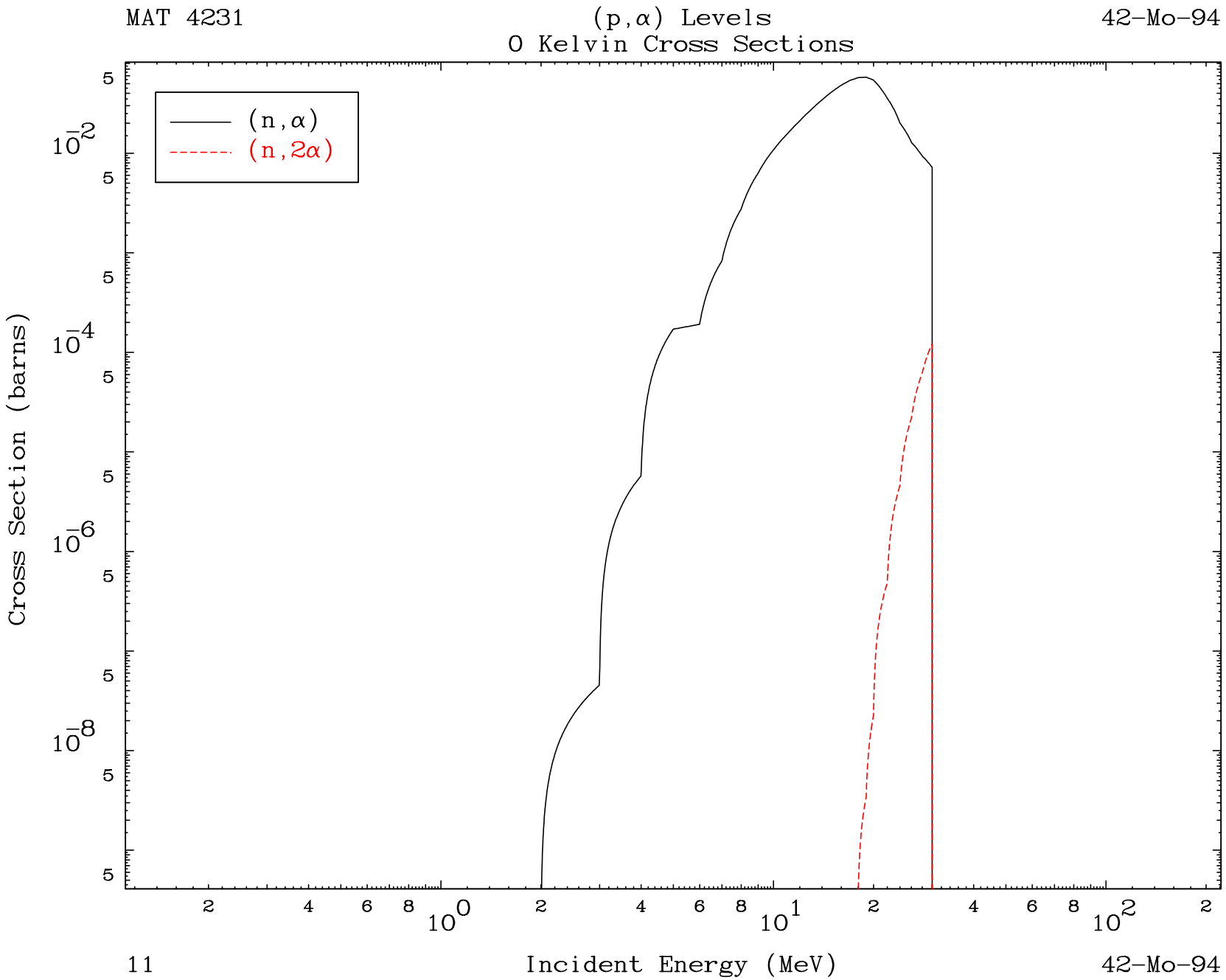

MAT 4231
Proton Charged Particle
0 Kelvin Cross Sections
42-Mo-94
(n,n') α
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
42-Mo-94

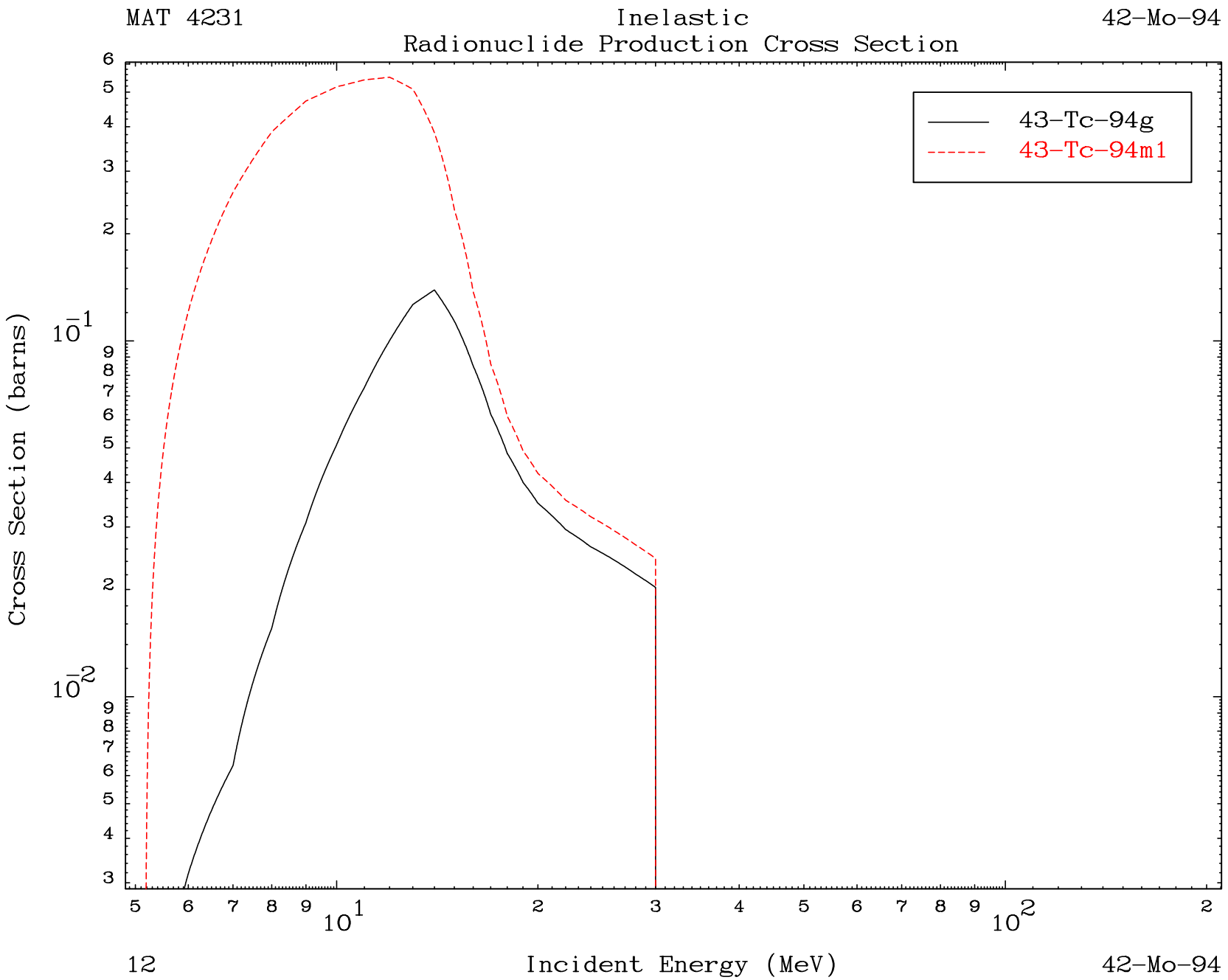

MAT 4231
(p,p) Levels
42-Mo-94
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
100
2
4
6
8
101
102
Incident Energy (MeV)
7
42-Mo-94

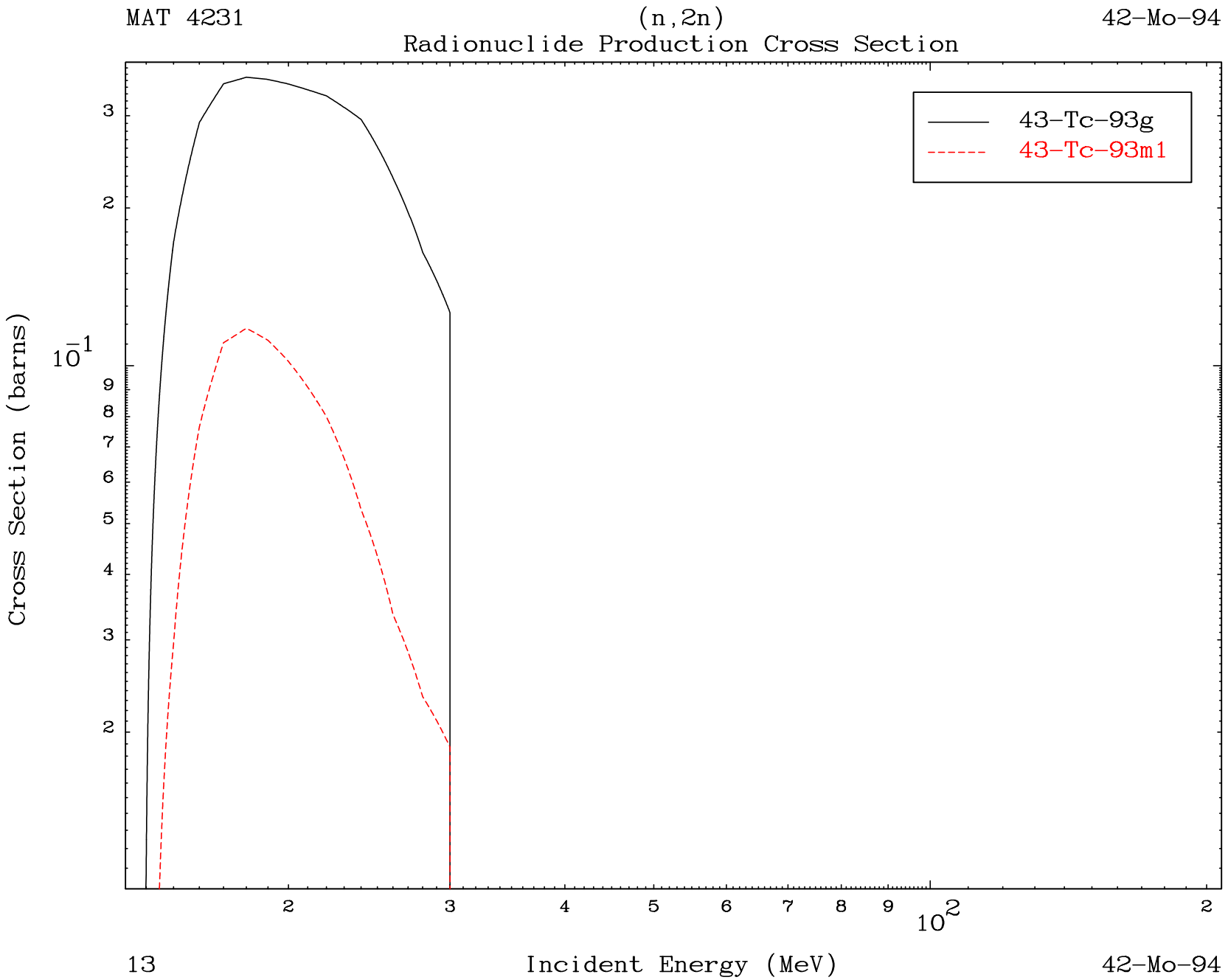

MAT 4231
(p,d) Levels
42-Mo-94
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
8
42-Mo-94

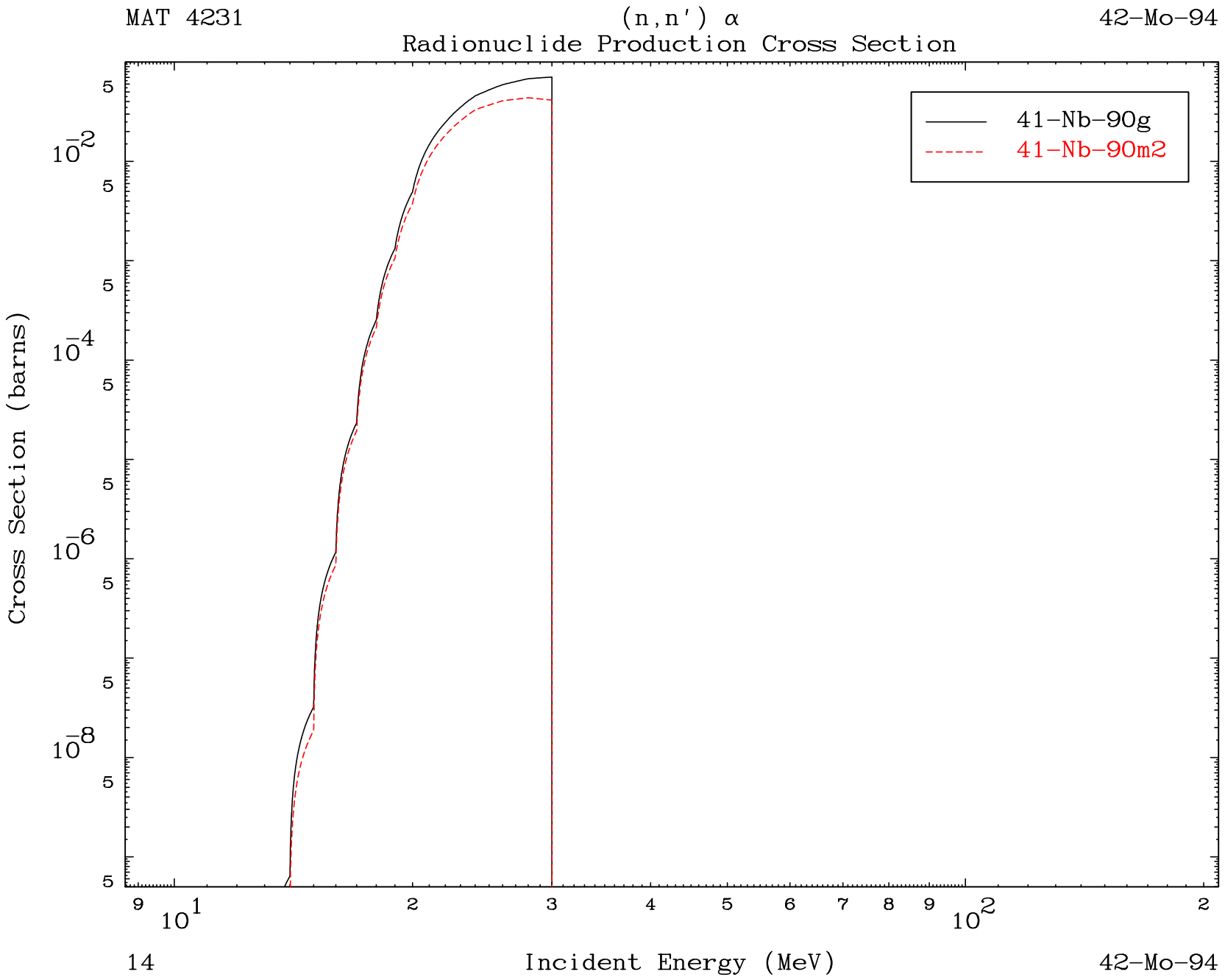

MAT 4231
(p,t) Levels
42-Mo-94
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
10 1
10 2
42-Mo-94

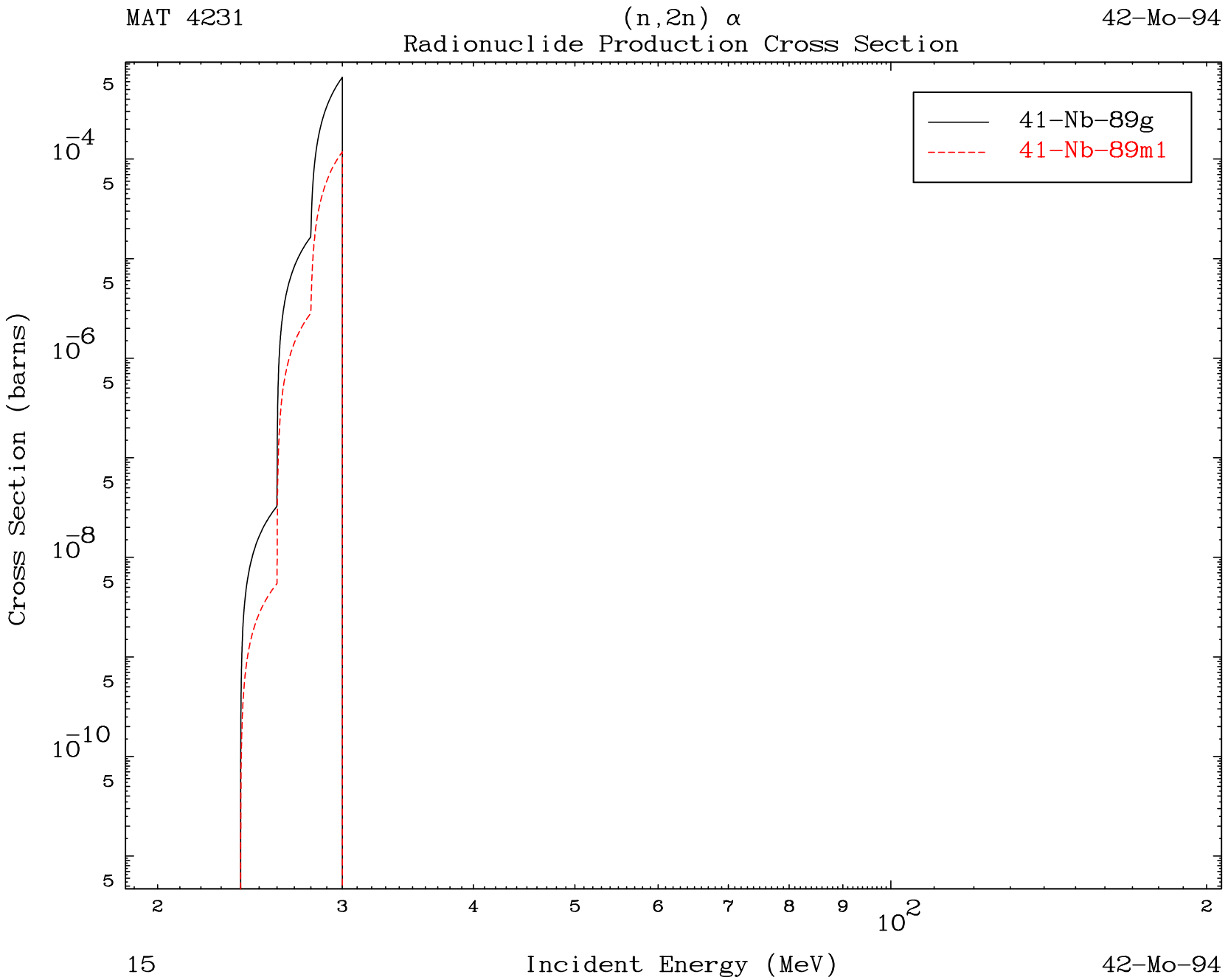

MAT 4231
(p,He3) Levels
42-Mo-94
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
42-Mo-94

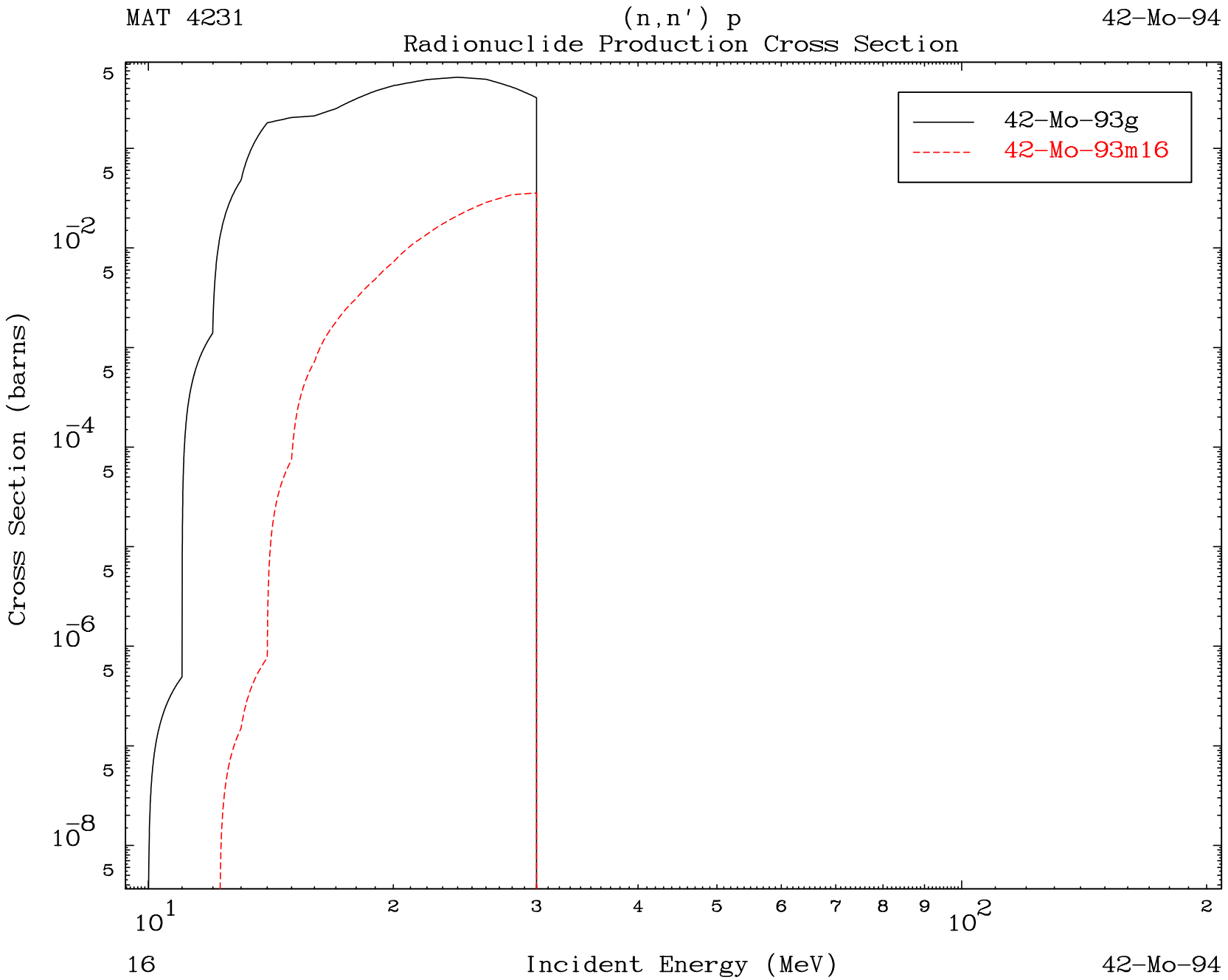

MAT 4231
(p,α) Levels
42-Mo-94
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
42-Mo-94

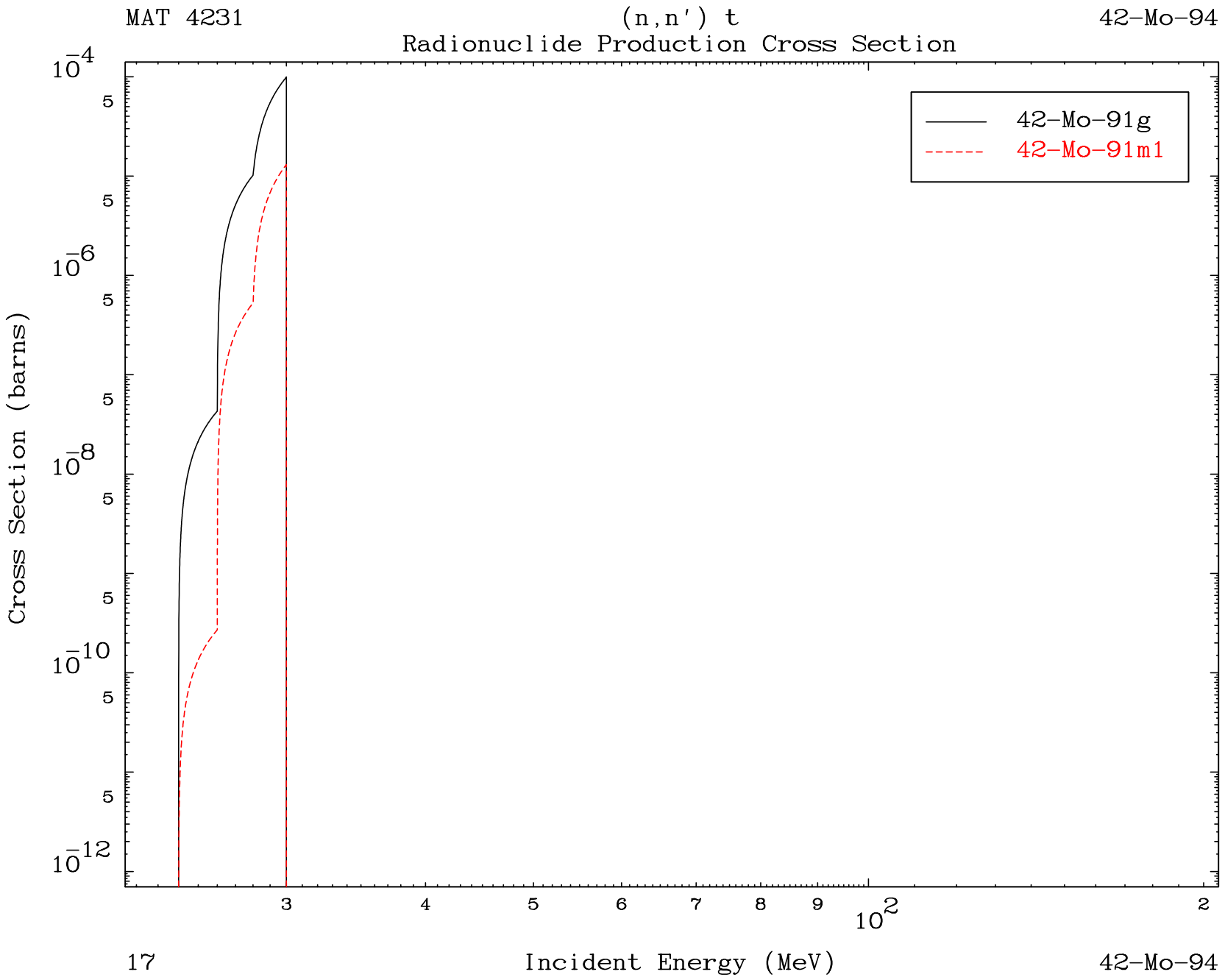

MAT 4231
Inelastic
42-Mo-94
Radionuclide Production Cross Section
43-Tc-94g
43-Tc-94m1
Cross Section (barns)
Incident Energy (MeV)
12
42-Mo-94

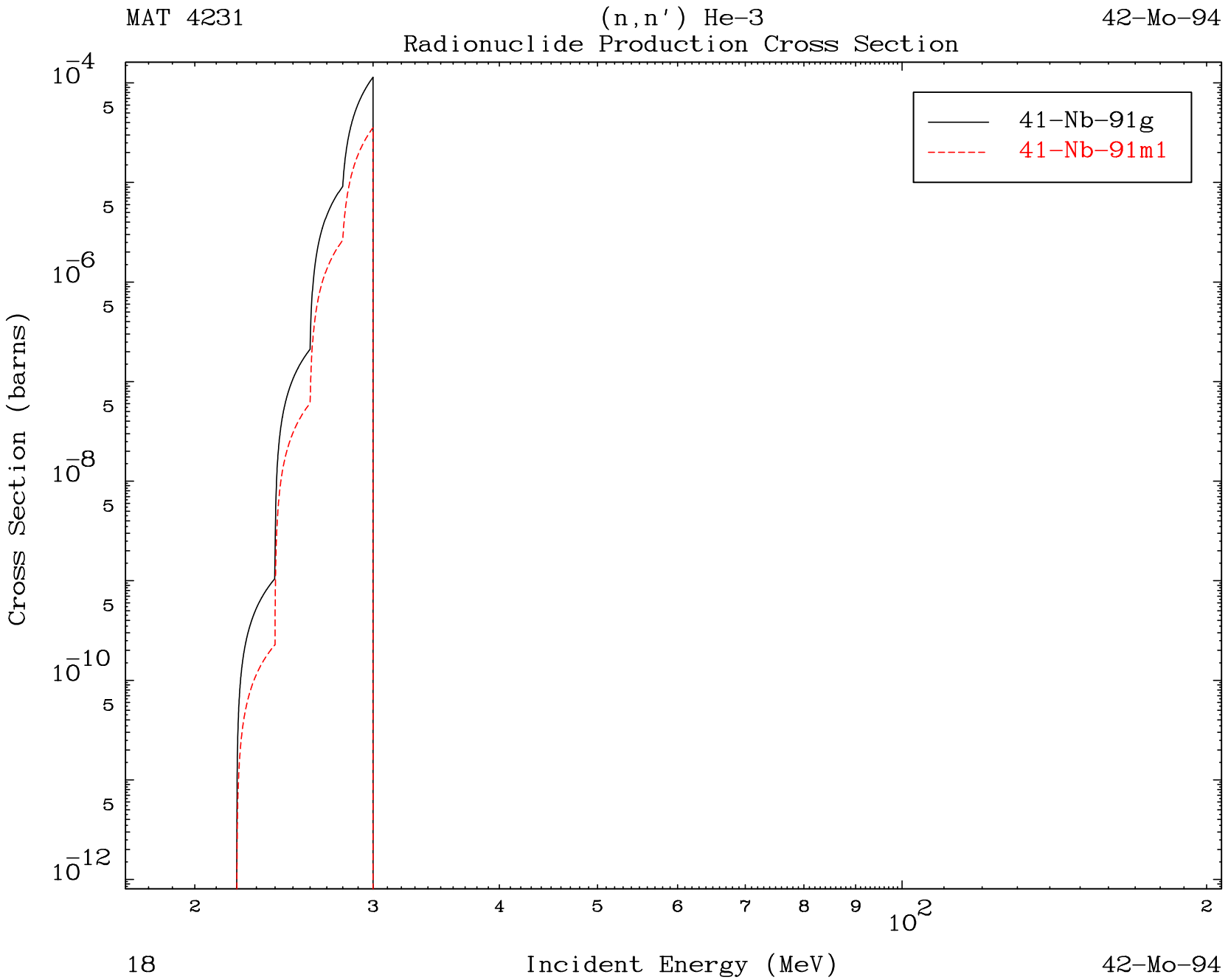

MAT 4231
(n,2n)
42-Mo-94
Radionuclide Production Cross Section
43-Tc-93g
43-Tc-93m1
Cross Section (barns)
10^1
3
2
9
8
7
6
5
4
3
2
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
42-Mo-94

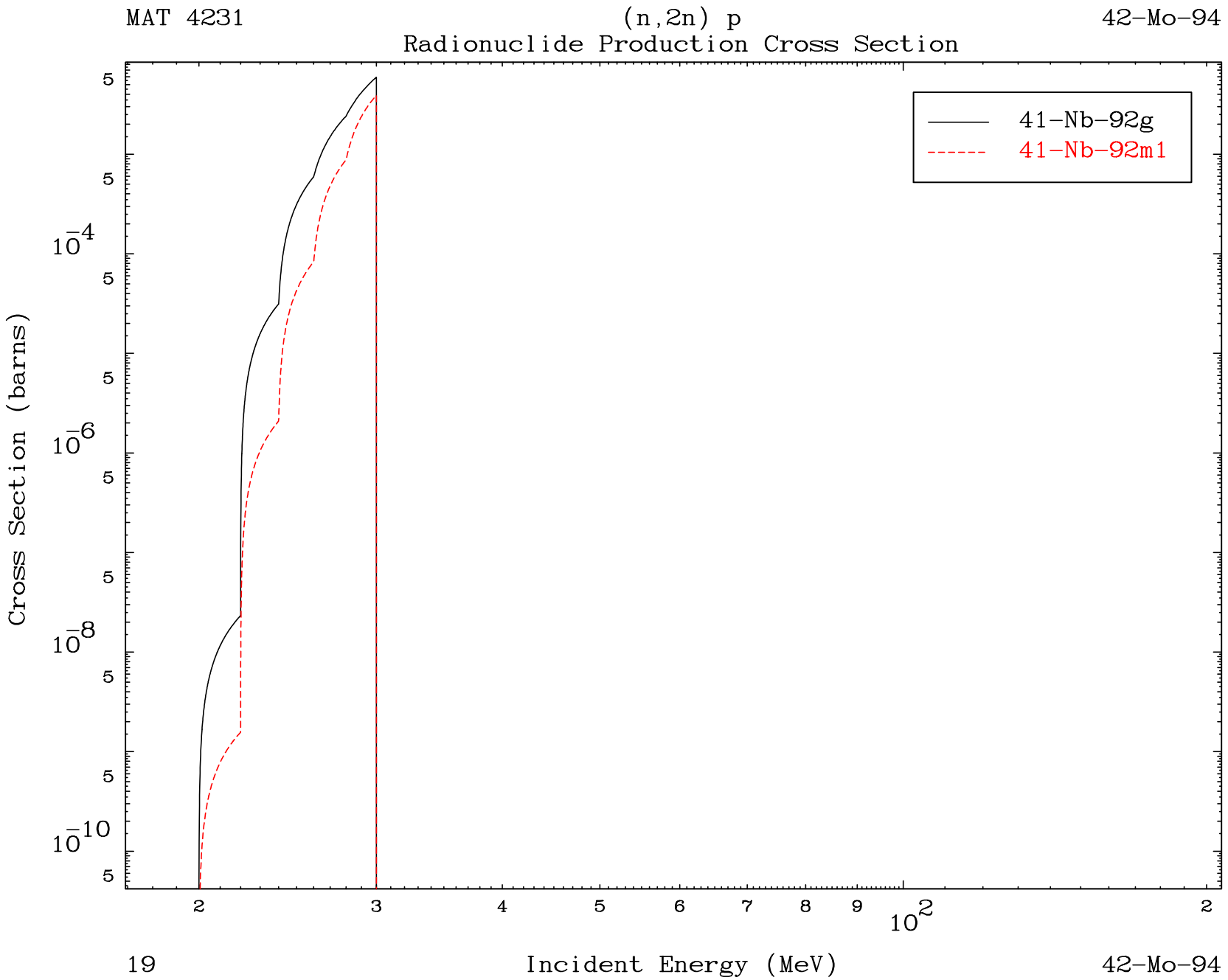

MAT 4231
(n,n') α
42-Mo-94
Radionuclide Production Cross Section
41-Nb-90g
41-Nb-90m2
Cross Section (barns)
Incident Energy (MeV)
14
42-Mo-94

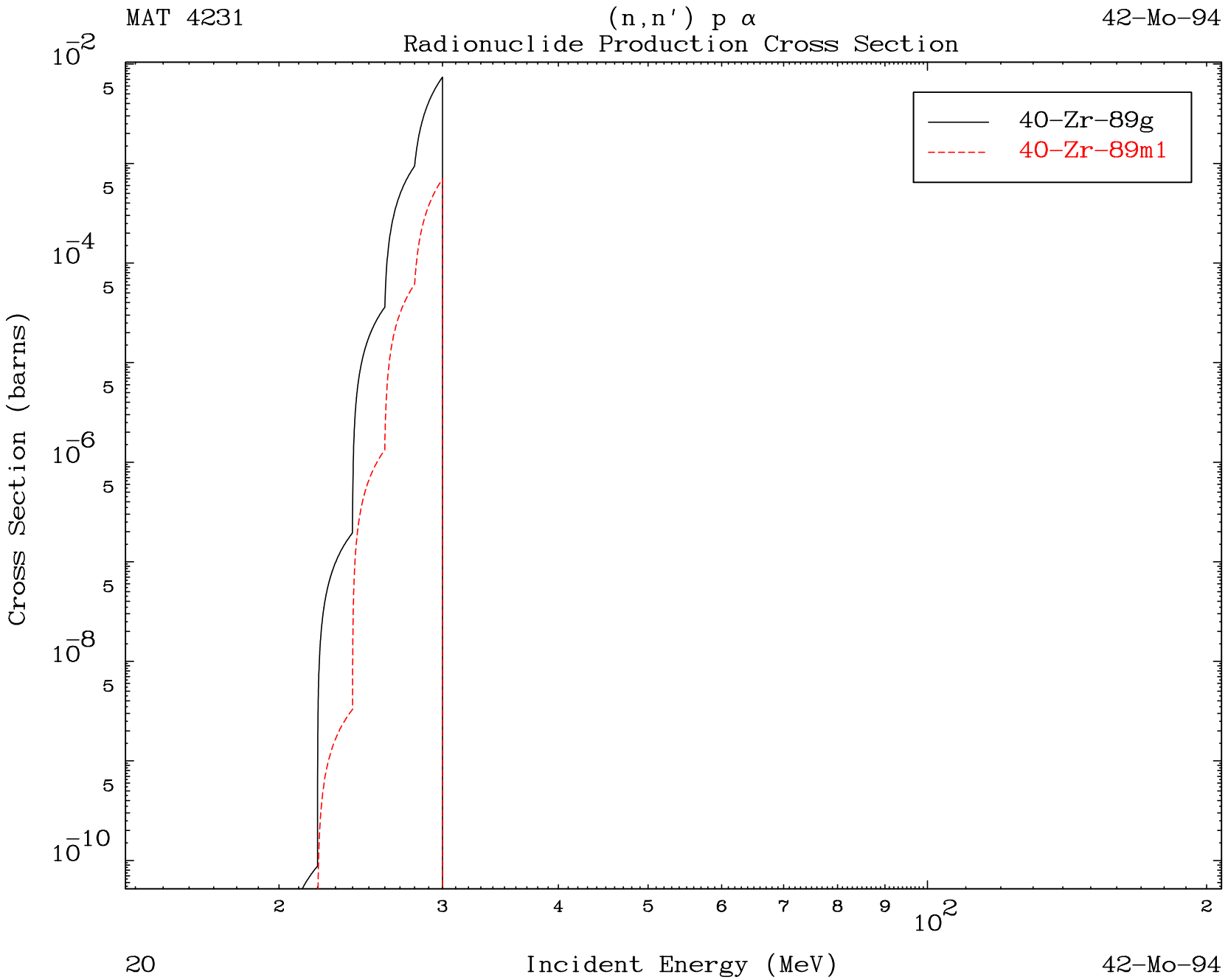

MAT 4231
(n,2n) α
42-Mo-94
Radionuclide Production Cross Section
41-Nb-89g
41-Nb-89m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
15
42-Mo-94

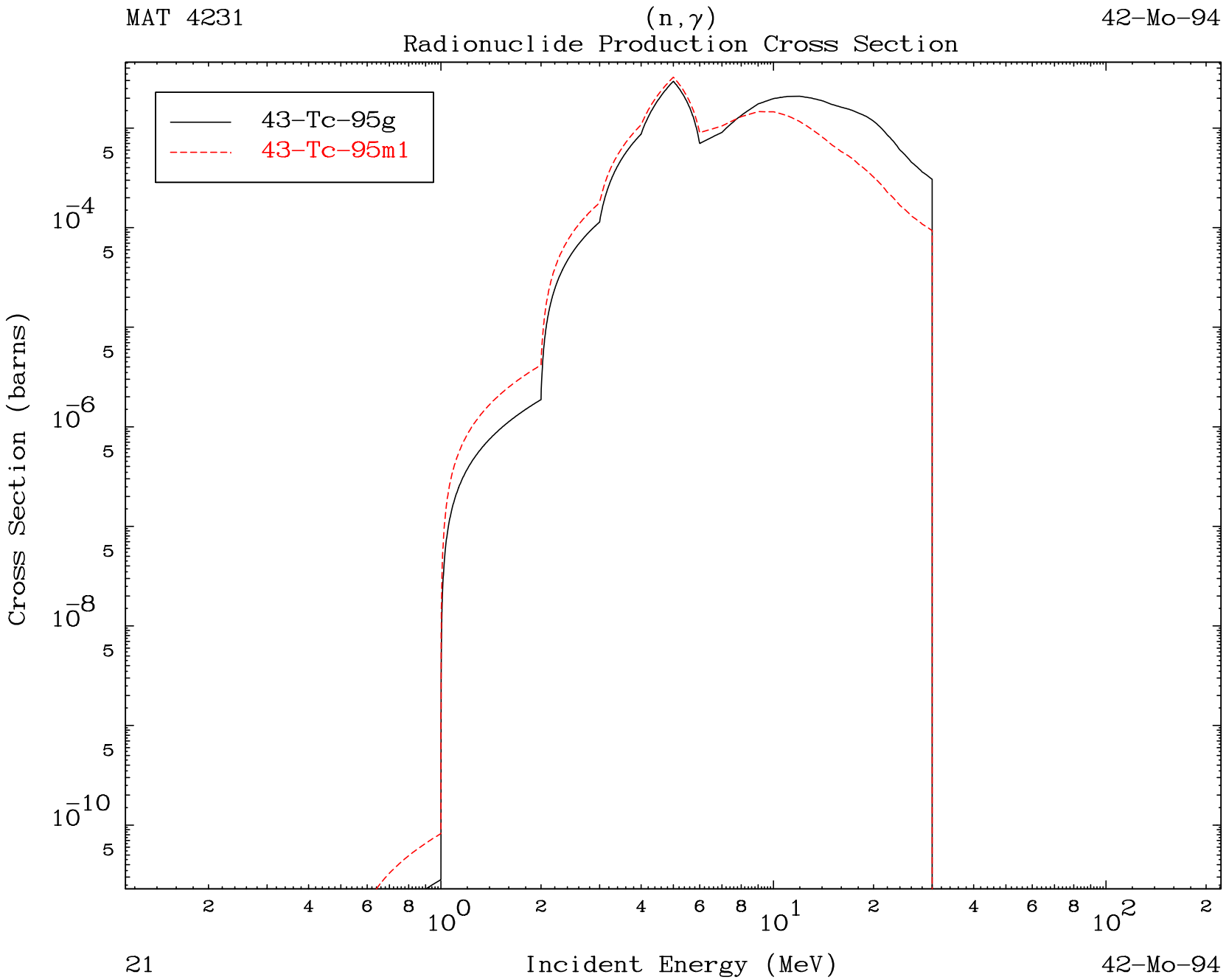

MAT 4231
(n,n') p
42-Mo-94
Radionuclide Production Cross Section
42-Mo-93g
42-Mo-93m16
Cross Section (barns)
Incident Energy (MeV)
16
42-Mo-94

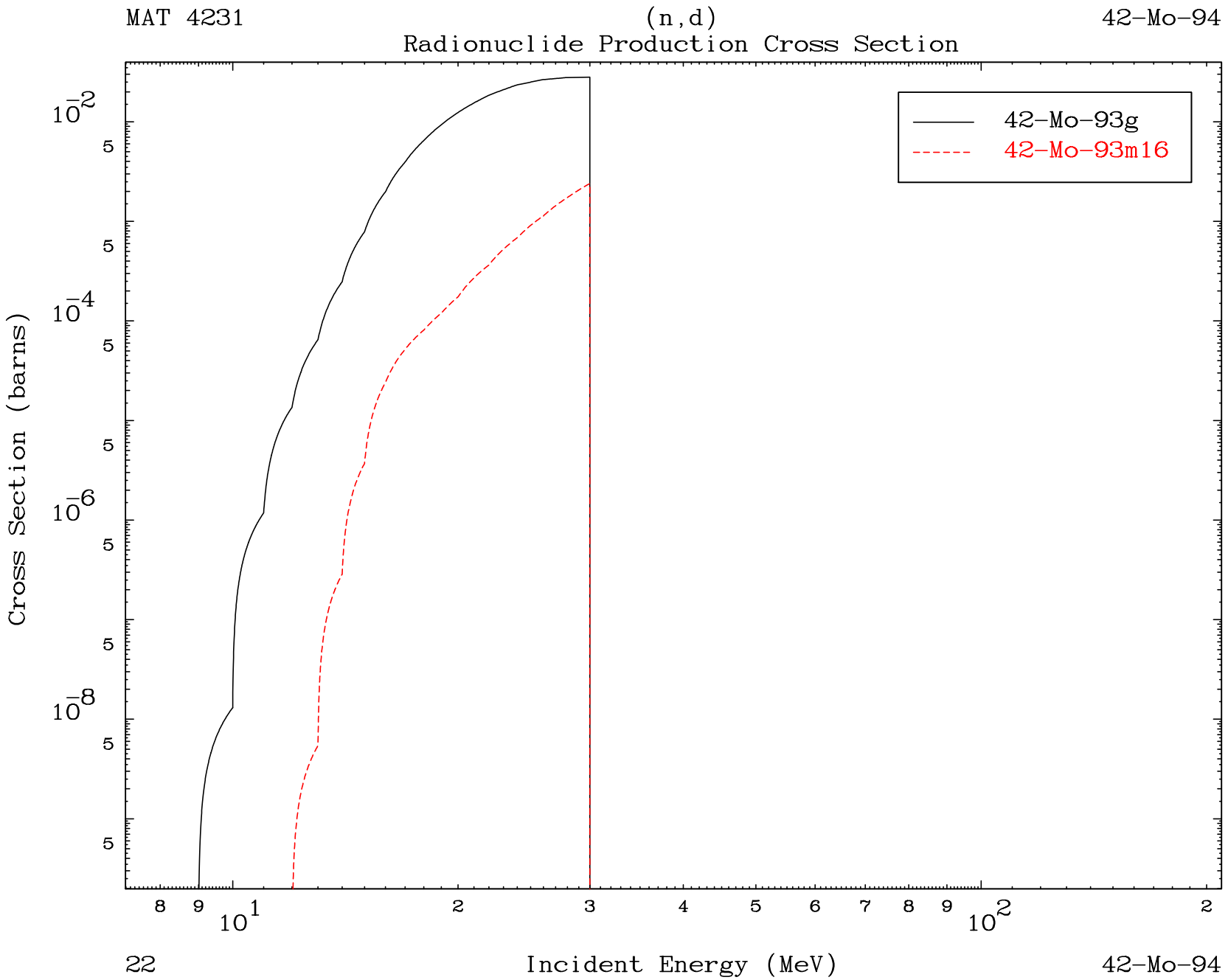

MAT 4231
(n,n') t
42-Mo-94
Radionuclide Production Cross Section
42-Mo-91g
42-Mo-91m1
Cross Section (barns)
10-4
10-6
10-8
10-10
10-12
5
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
42-Mo-94

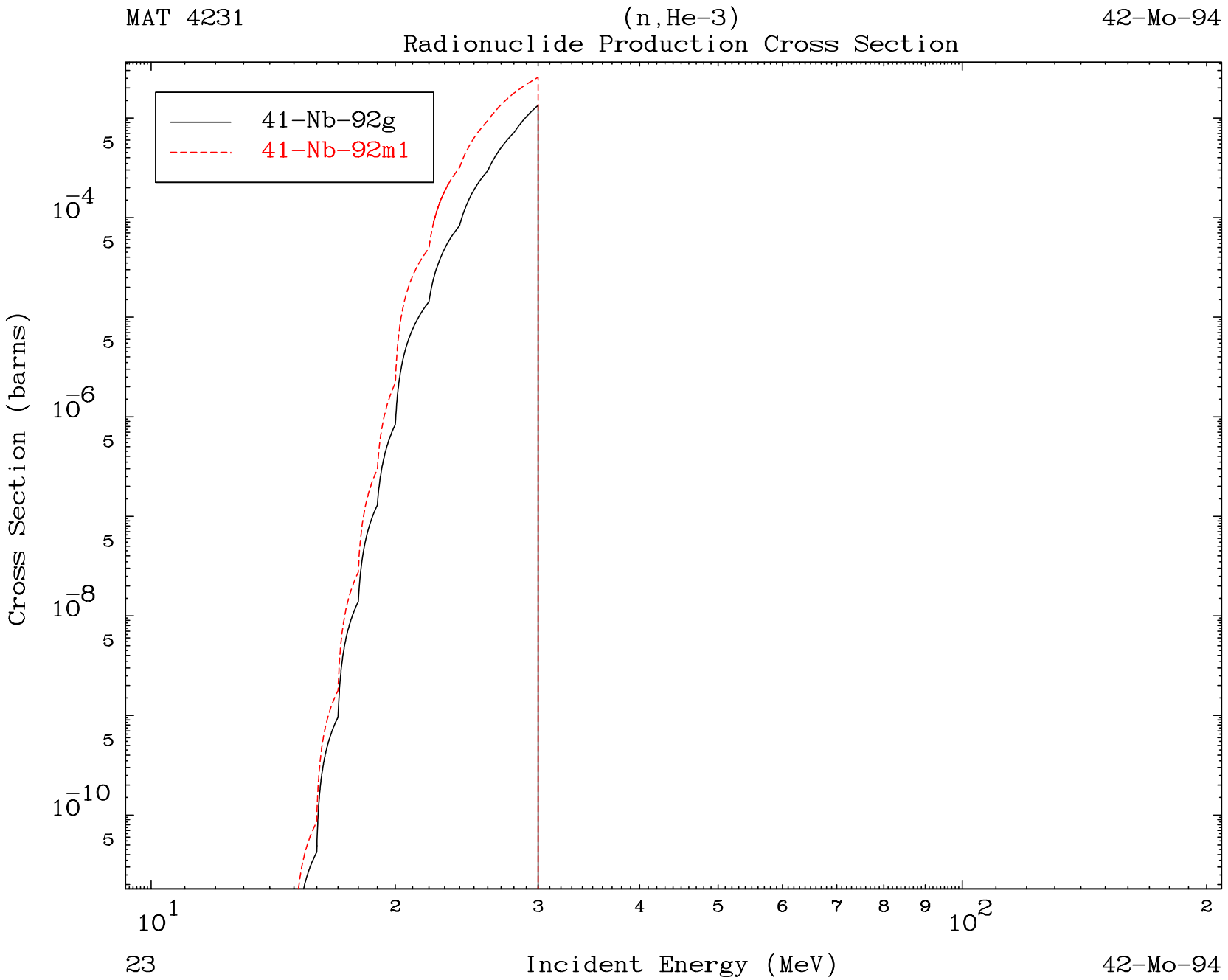

MAT 4231
(n,n') He-3
42-Mo-94
Radionuclide Production Cross Section
41-Nb-91g
41-Nb-91m1
Cross Section (barns)
Incident Energy (MeV)
18
42-Mo-94

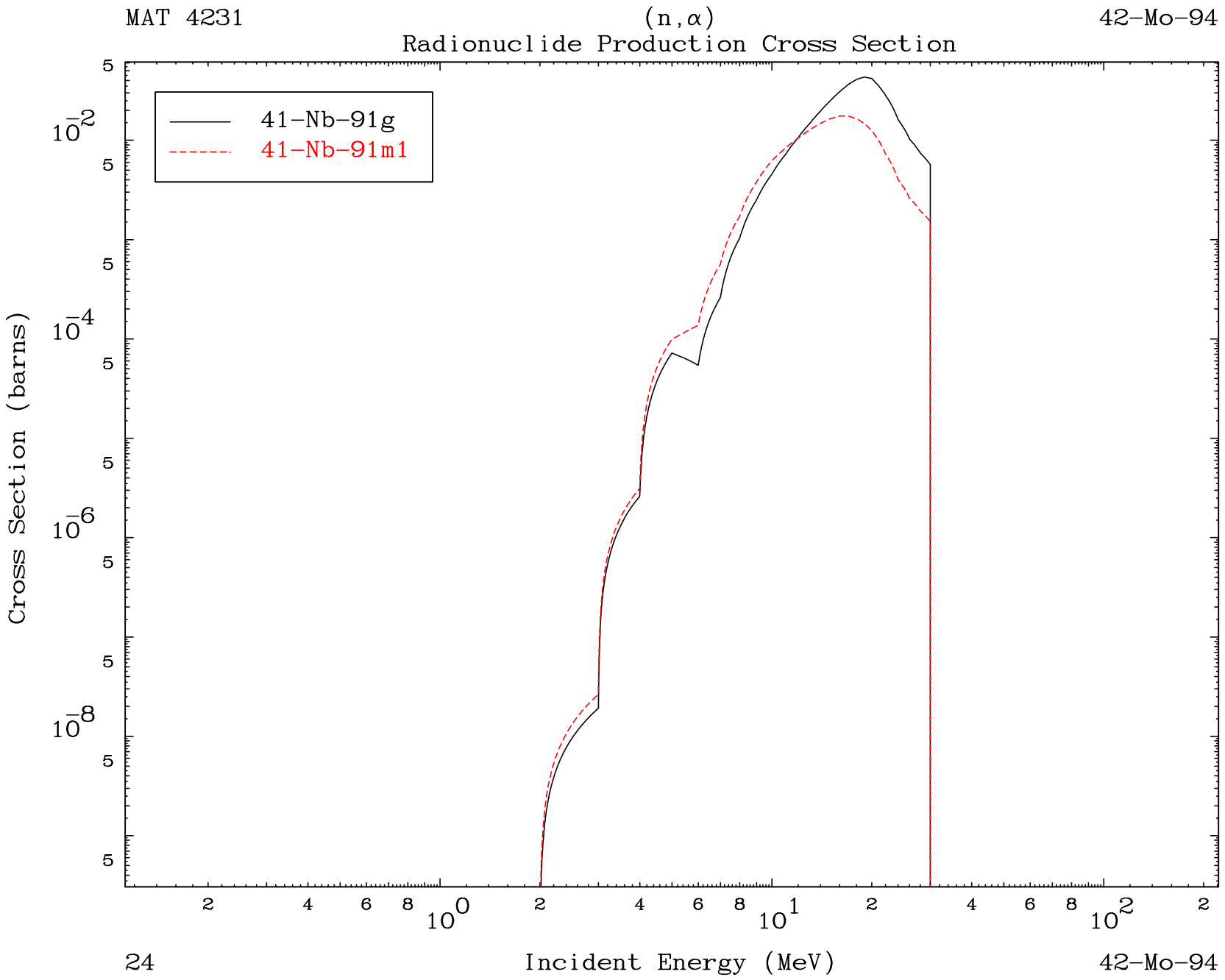

MAT 4231
(n,2n) p
42-Mo-94
Radionuclide Production Cross Section
41-Nb-92g
41-Nb-92m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
19
Incident Energy (MeV)
42-Mo-94

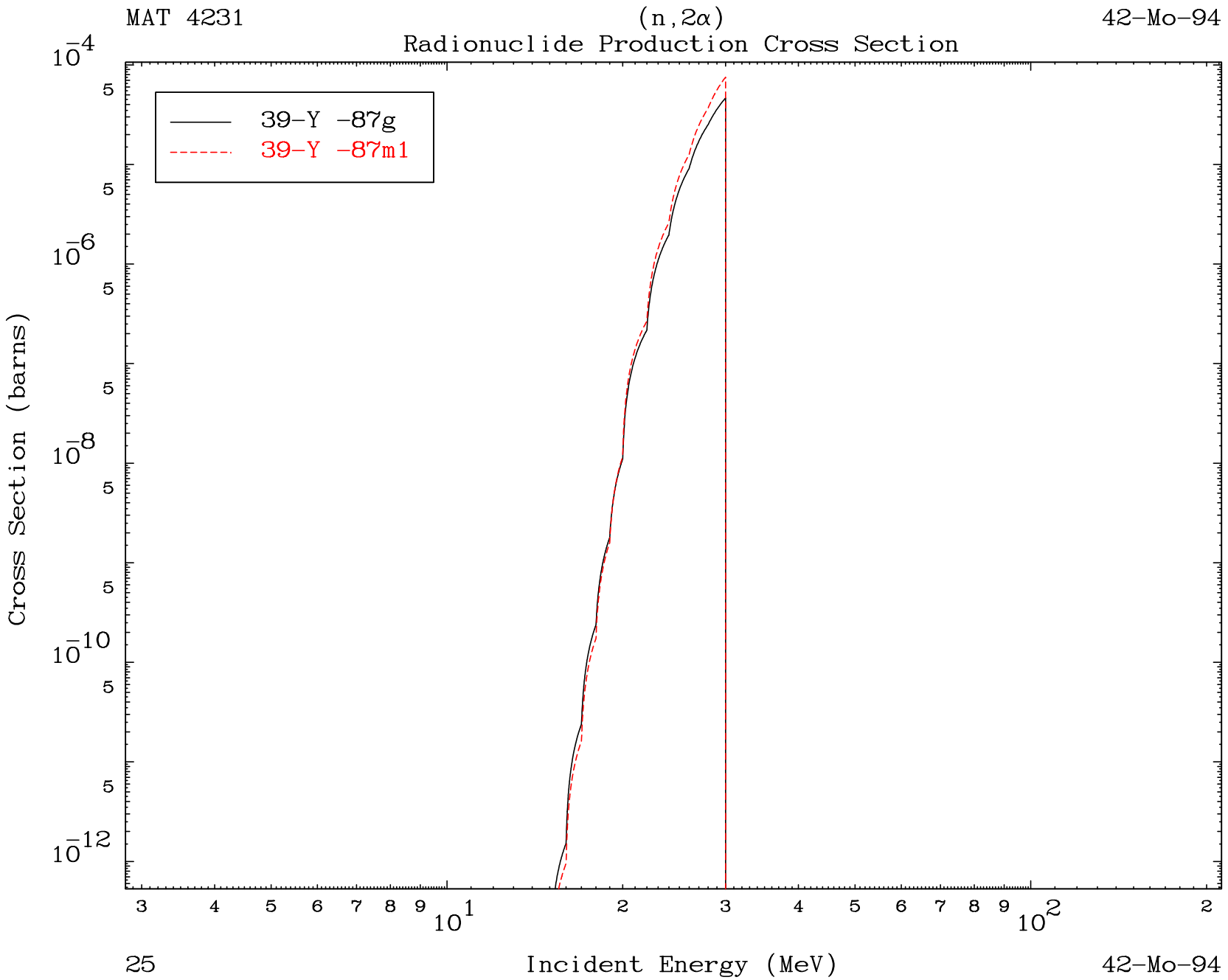

MAT 4231
(n,n') p α
42-Mo-94
Radionuclide Production Cross Section
40-Zr-89g
40-Zr-89m1
Cross Section (barns)
10-2
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
42-Mo-94

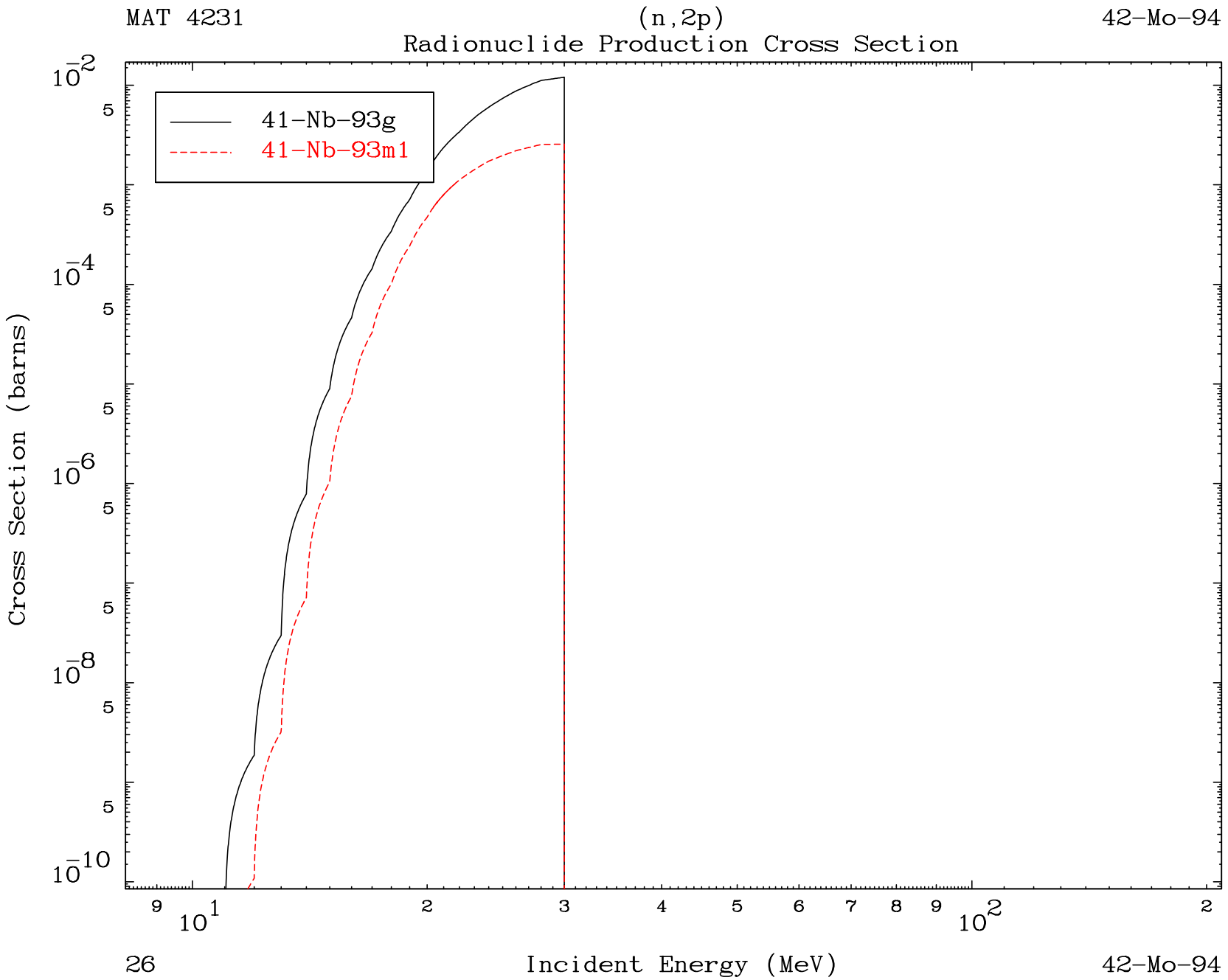

MAT 4231
(n,γ)
42-Mo-94
Radionuclide Production Cross Section
43-Tc-95g
43-Tc-95m1
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
21
42-Mo-94

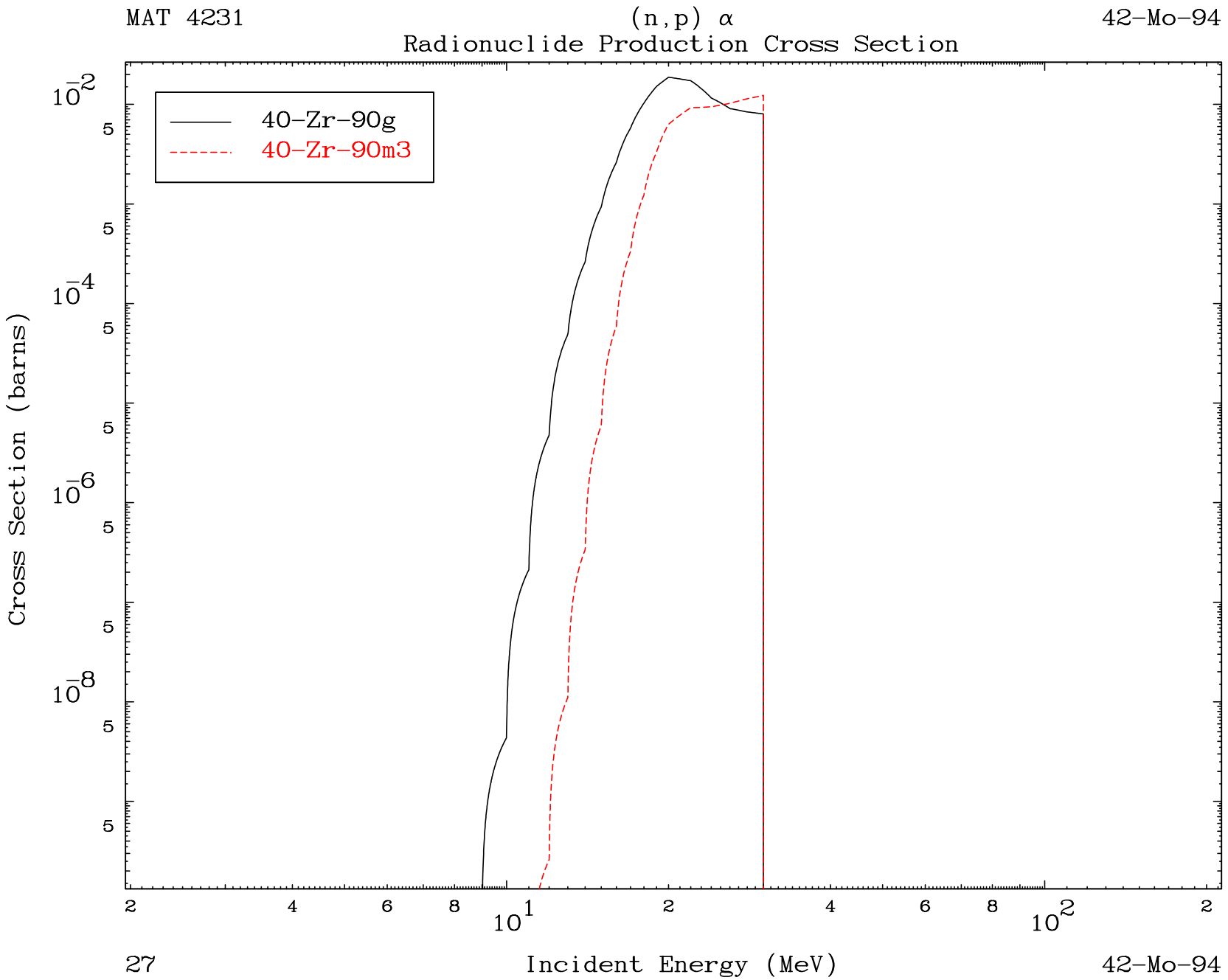

MAT 4231
(n,d)
42-Mo-94
Radionuclide Production Cross Section
42-Mo-93g
42-Mo-93m16
Cross Section (barns)
10-2
10-4
10-6
10-8
5
8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
22
42-Mo-94

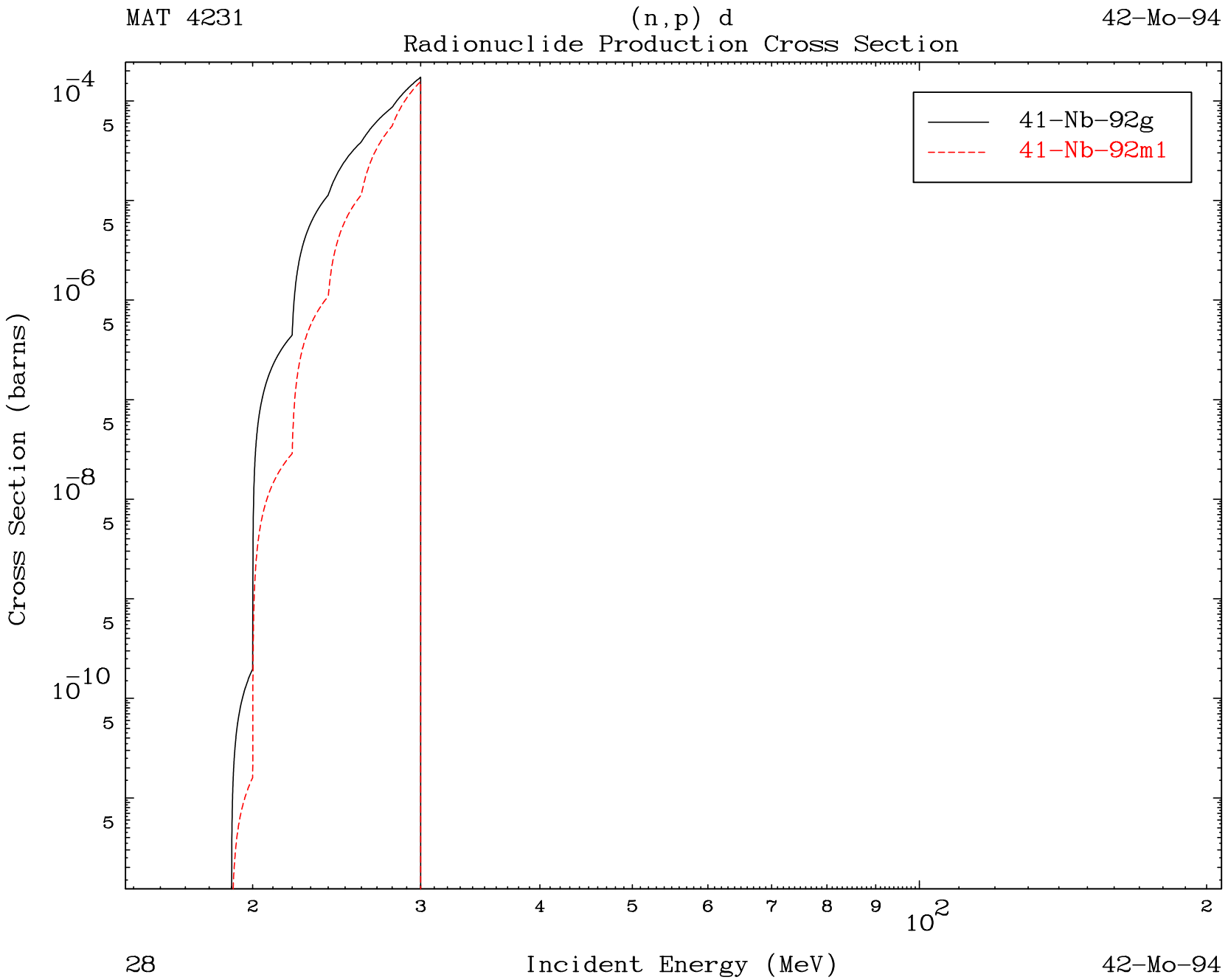

MAT 4231
(n,He-3)
42-Mo-94
Radionuclide Production Cross Section
41-Nb-92g
41-Nb-92m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^1
2
3
4
5
6
7
8
9
10^2
2
23
Incident Energy (MeV)
42-Mo-94

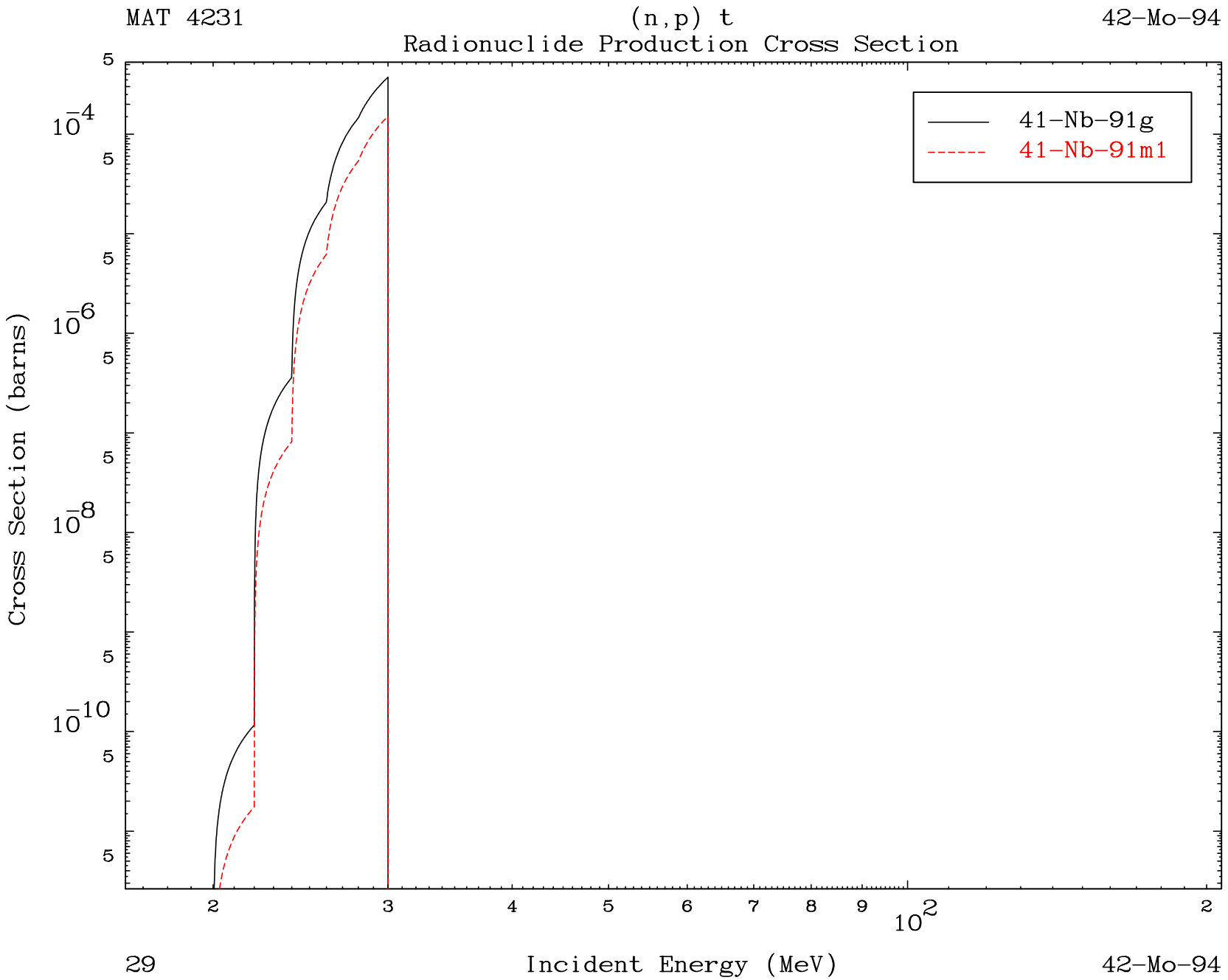

MAT 4231
(n,α)
42-Mo-94
Radionuclide Production Cross Section
41-Nb-91g
41-Nb-91m1
Cross Section (barns)
Incident Energy (MeV)
24
42-Mo-94

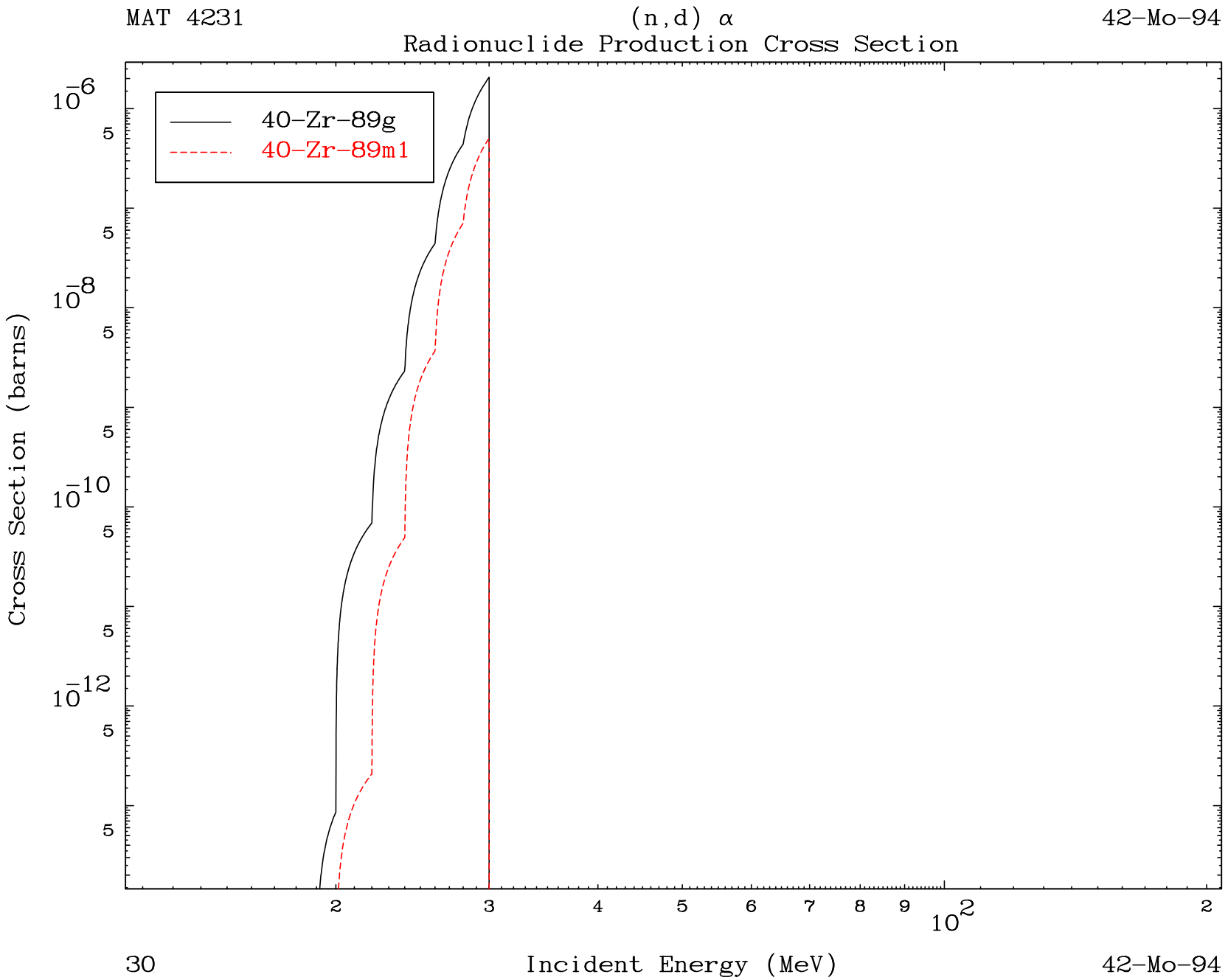

MAT 4231
(n,2α)
42-Mo-94
Radionuclide Production Cross Section
39-Y -87g
39-Y -87m1
Cross Section (barns)
Incident Energy (MeV)
25
42-Mo-94


MAT 4231
(n,2p)
42-Mo-94
Radionuclide Production Cross Section
41-Nb-93g
41-Nb-93m1
Cross Section (barns)
Incident Energy (MeV)
26
42-Mo-94


MAT 4231
(n,p) α
42-Mo-94
Radionuclide Production Cross Section
40-Zr-90g
40-Zr-90m3
Cross Section (barns)
Incident Energy (MeV)
27
42-Mo-94


MAT 4231
(n,p) d
42-Mo-94
Radionuclide Production Cross Section
41-Nb-92g
41-Nb-92m1
Cross Section (barns)
Incident Energy (MeV)
28
42-Mo-94


MAT 4231
(n,p) t
42-Mo-94
Radionuclide Production Cross Section
41-Nb-91g
41-Nb-91m1
Cross Section (barns)
Incident Energy (MeV)
29
42-Mo-94


MAT 4231
(n,d) α
42-Mo-94
Radionuclide Production Cross Section
40-Zr-89g
40-Zr-89m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
30
Incident Energy (MeV)
42-Mo-94