Program EVALPLOT
(Version 2018-1)
by
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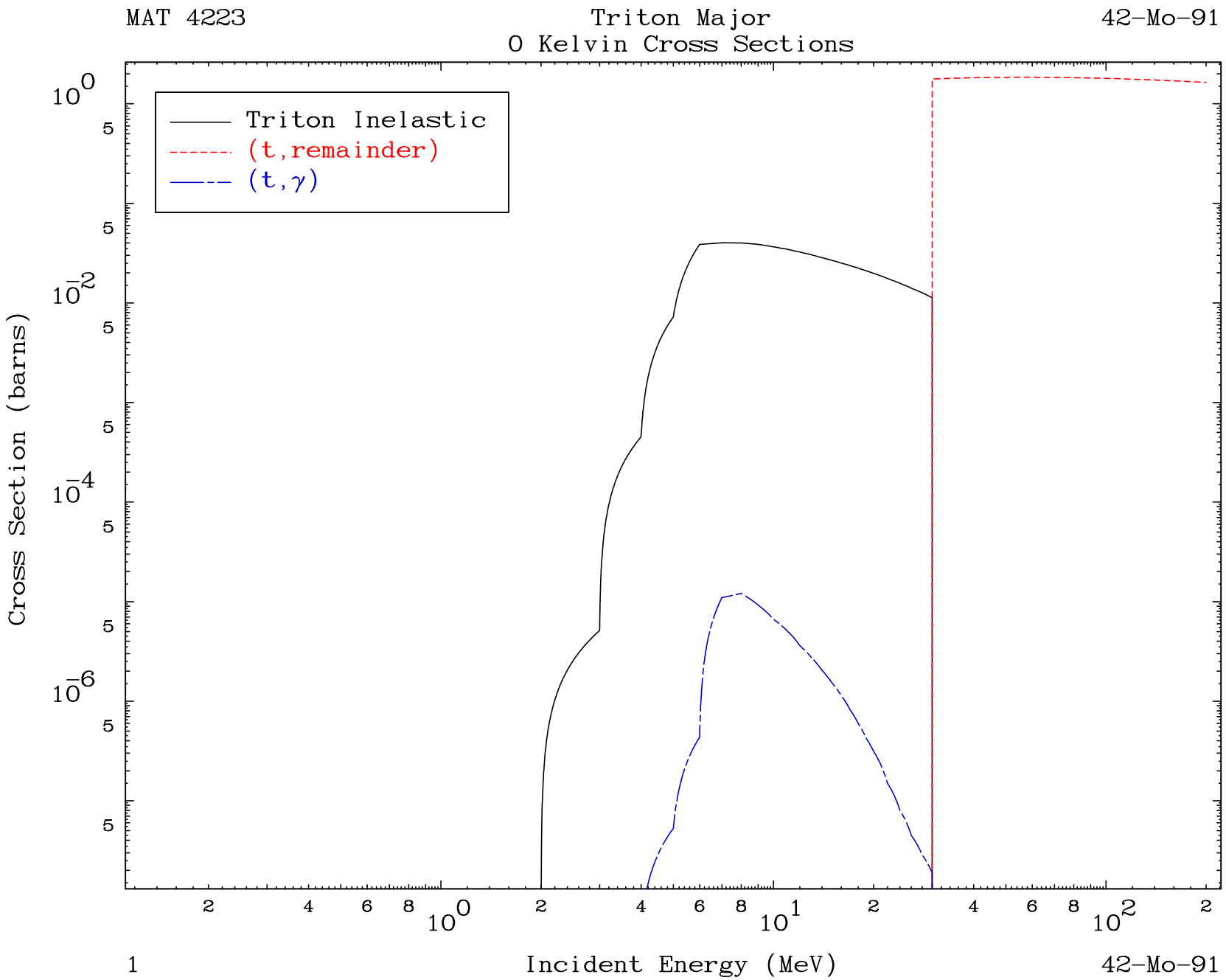
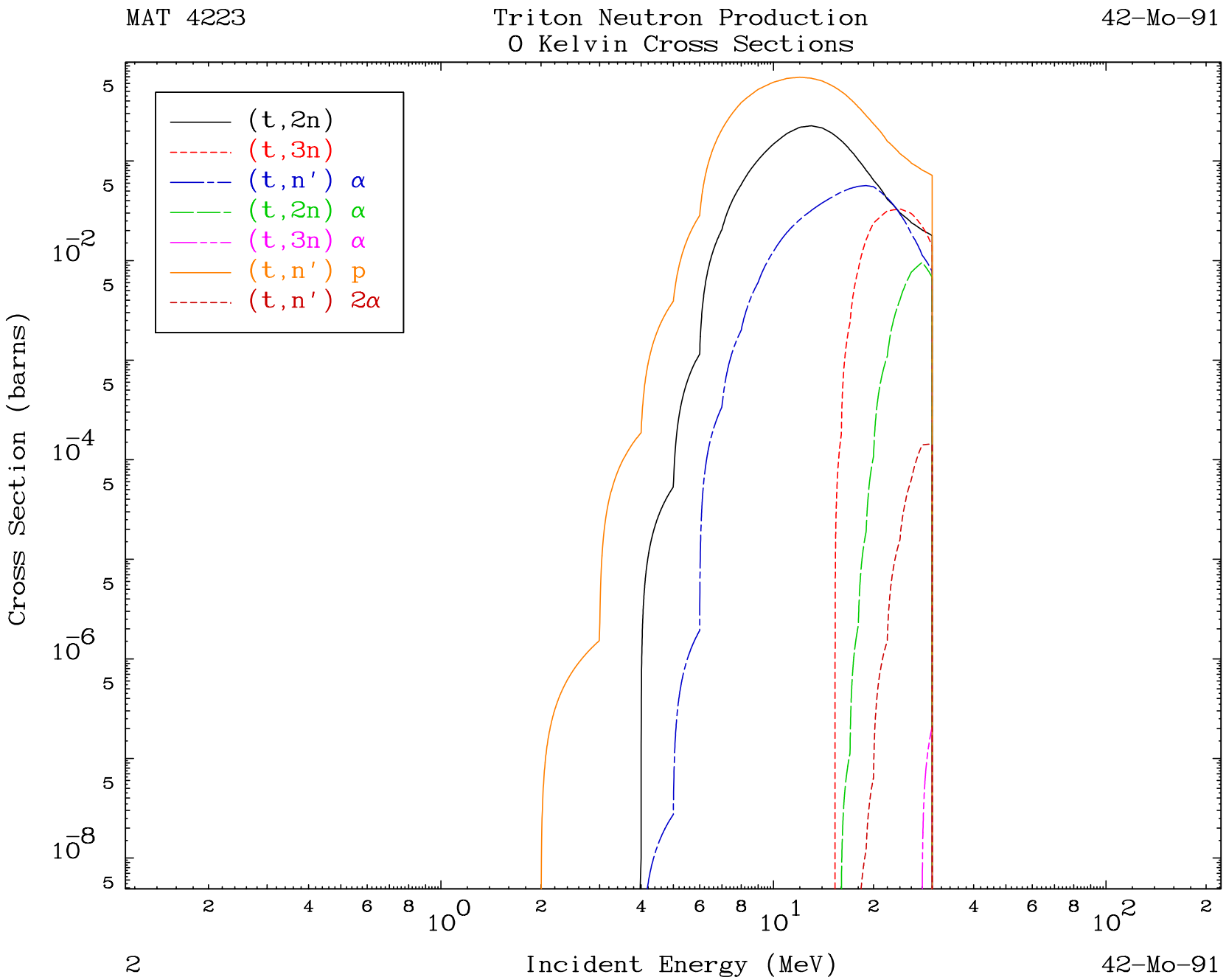
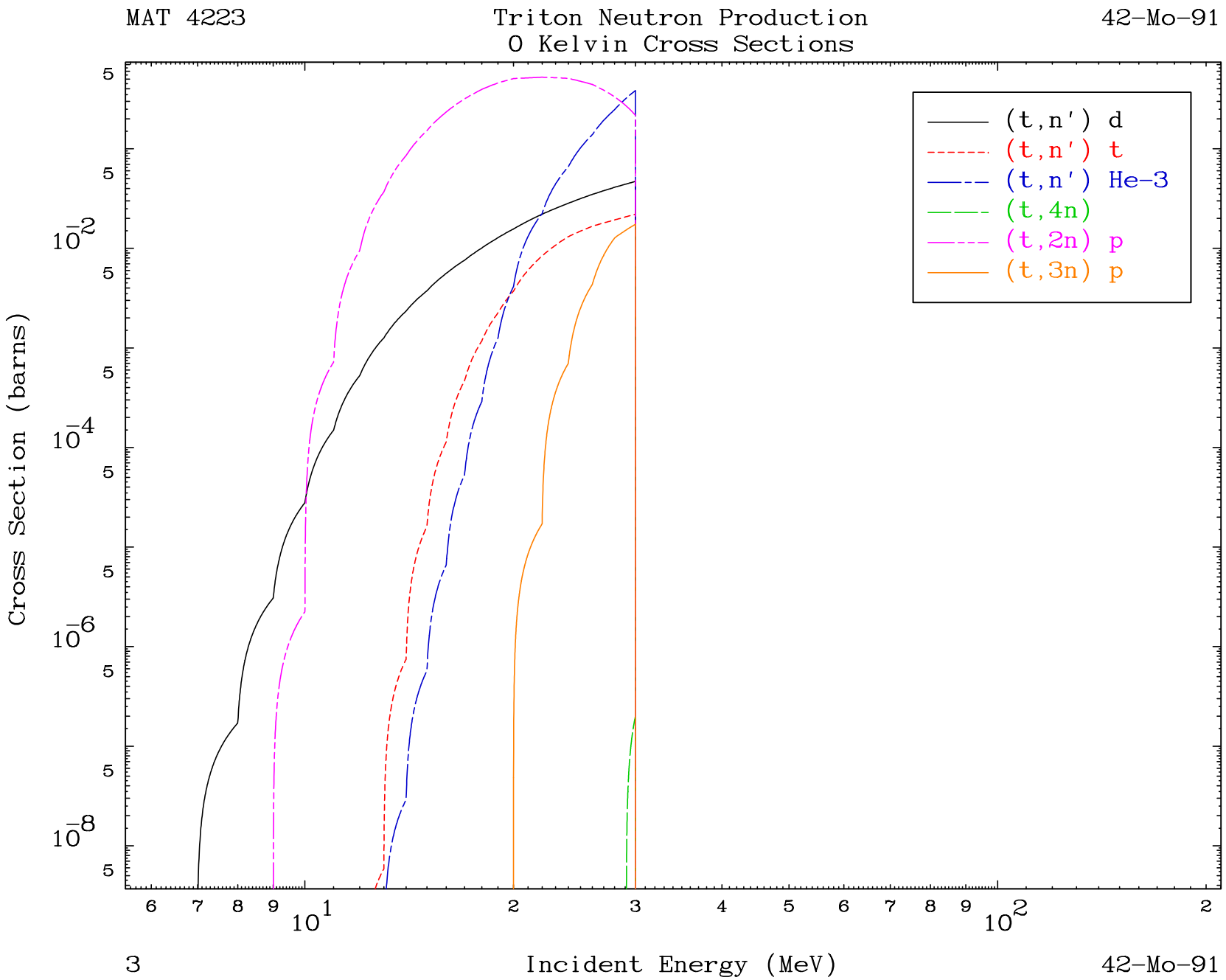
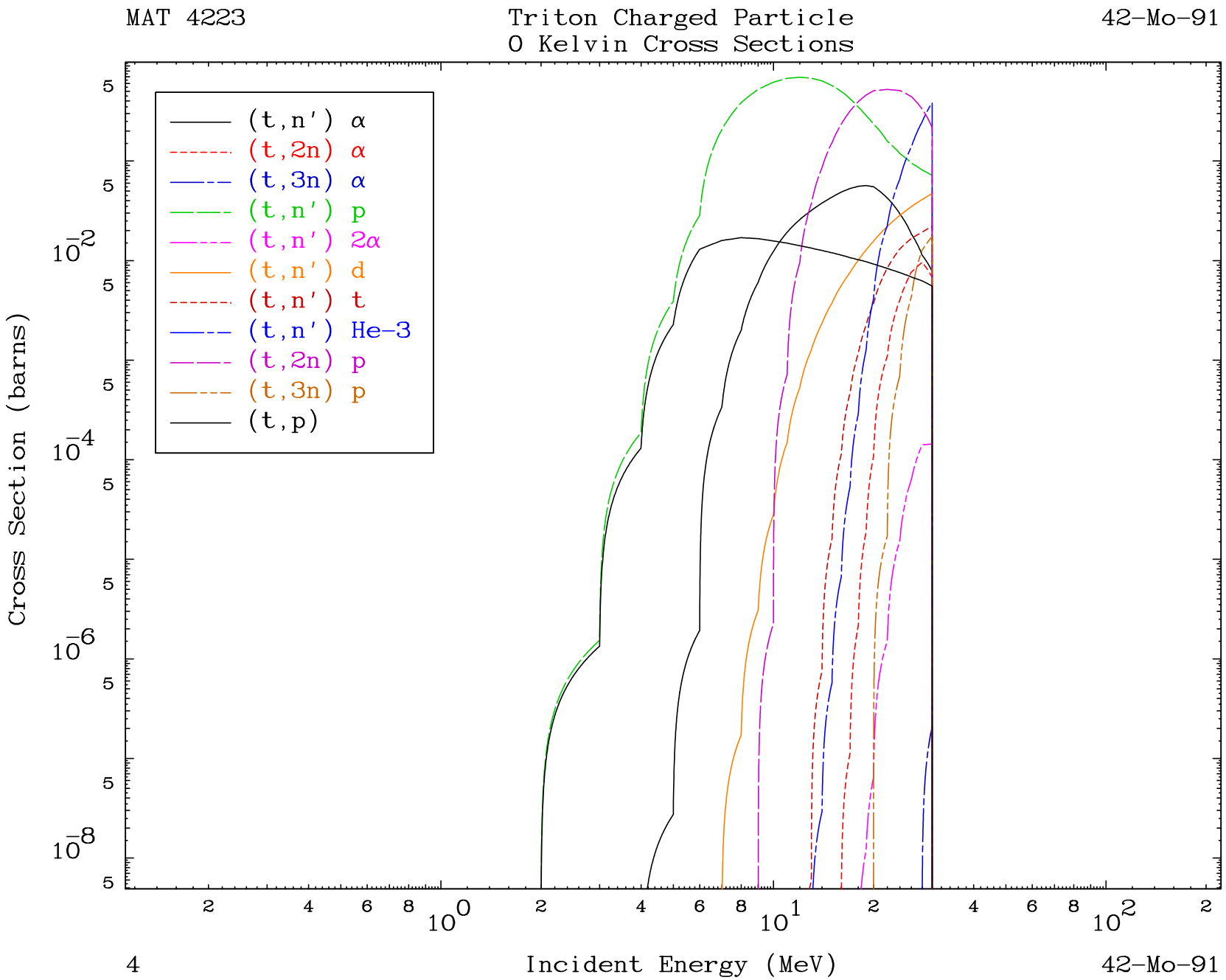
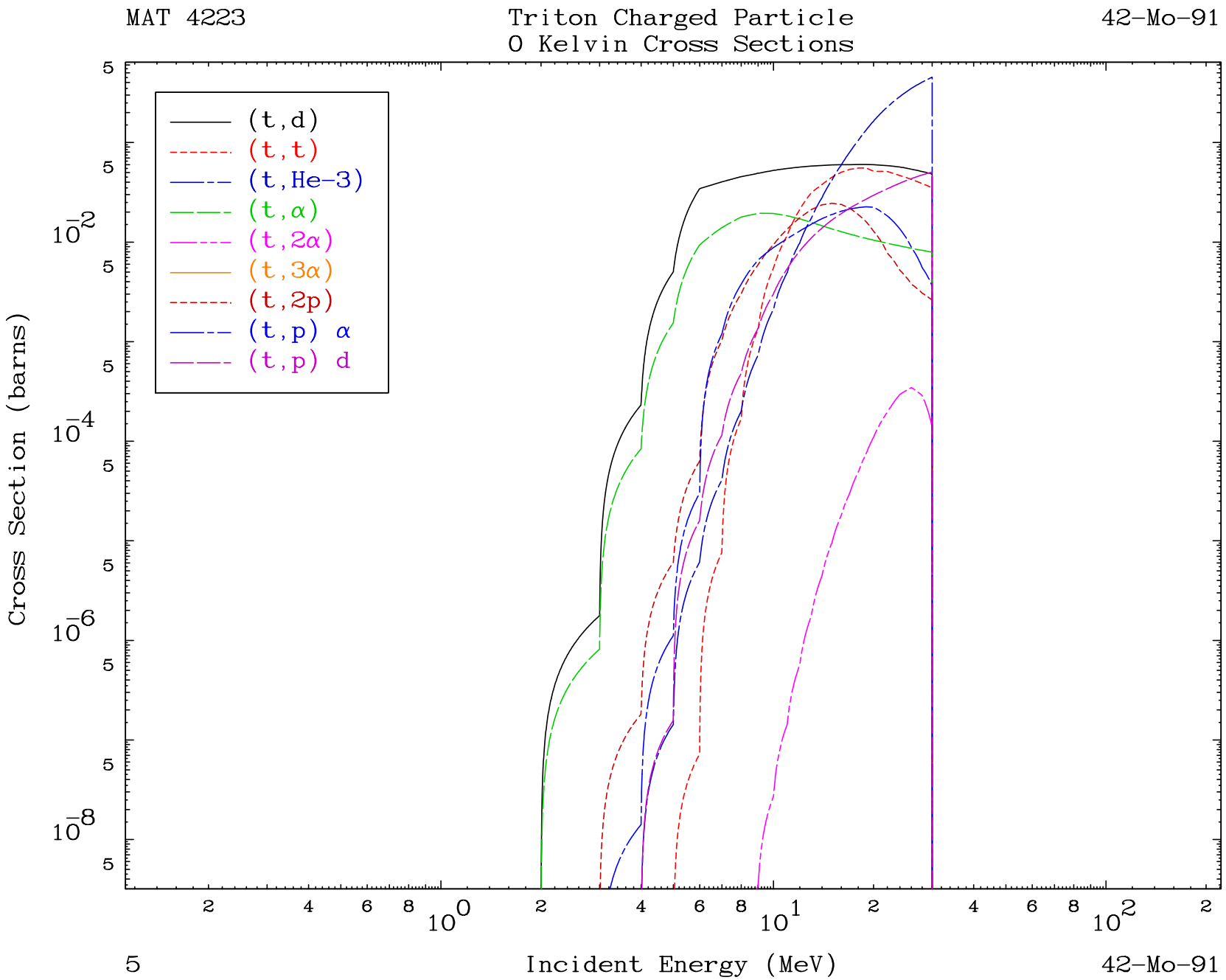
Press Mouse Button to Start

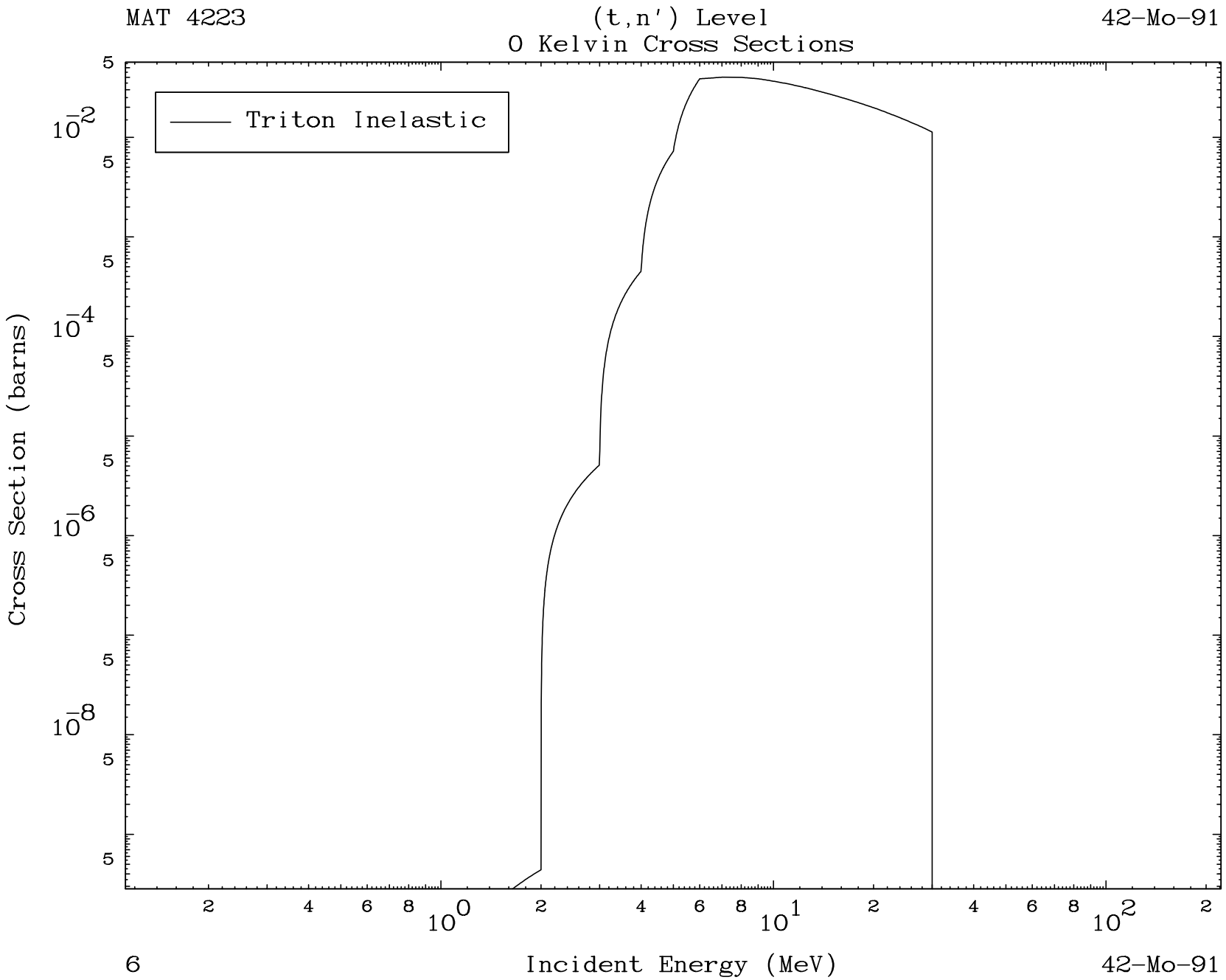

MAT 4223
Triton Major
42-Mo-91
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
1
42-Mo-91

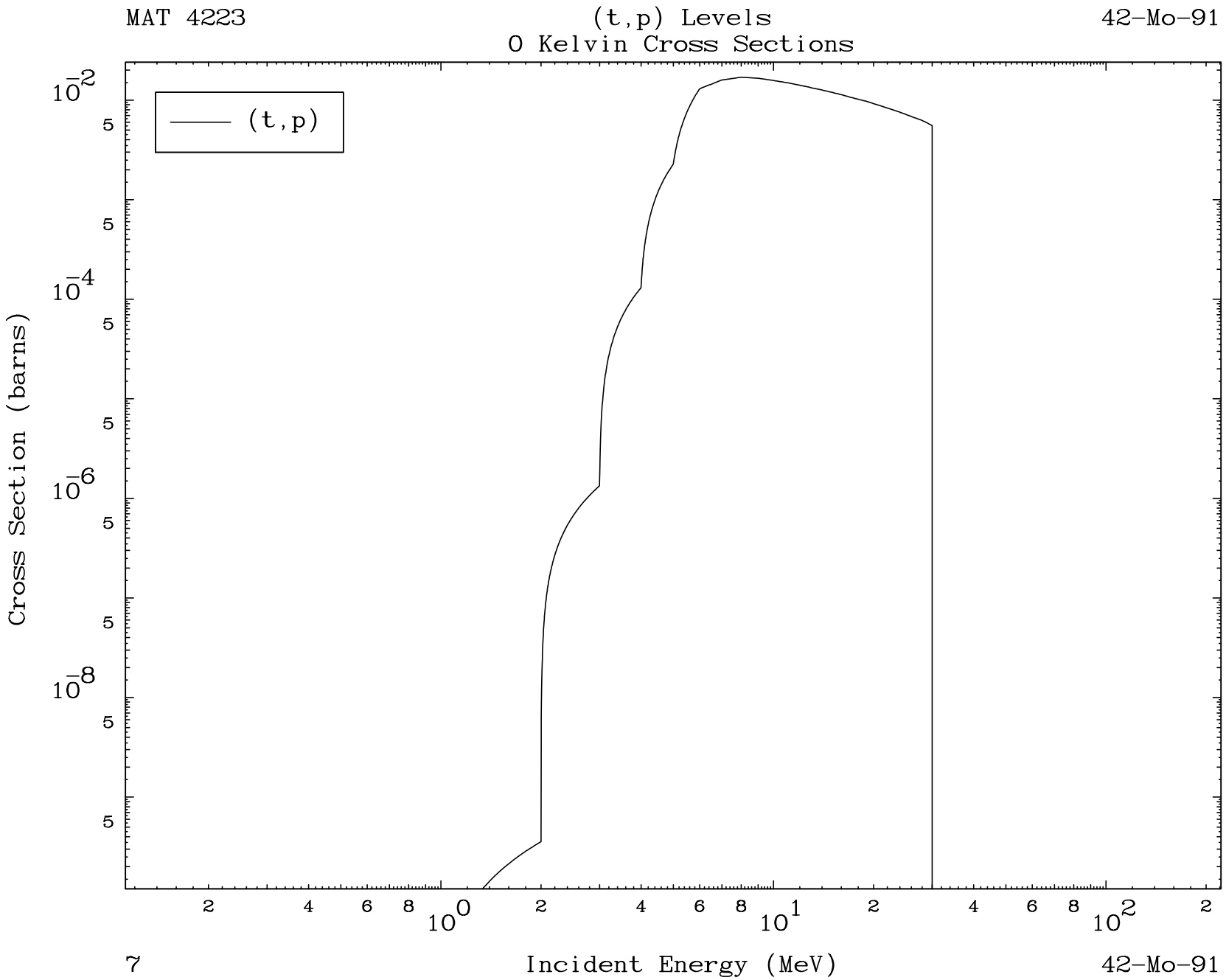

MAT 4223
Triton Neutron Production
0 Kelvin Cross Sections
42-Mo-91
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
Cross Section (barns)
Incident Energy (MeV)
42-Mo-91
2

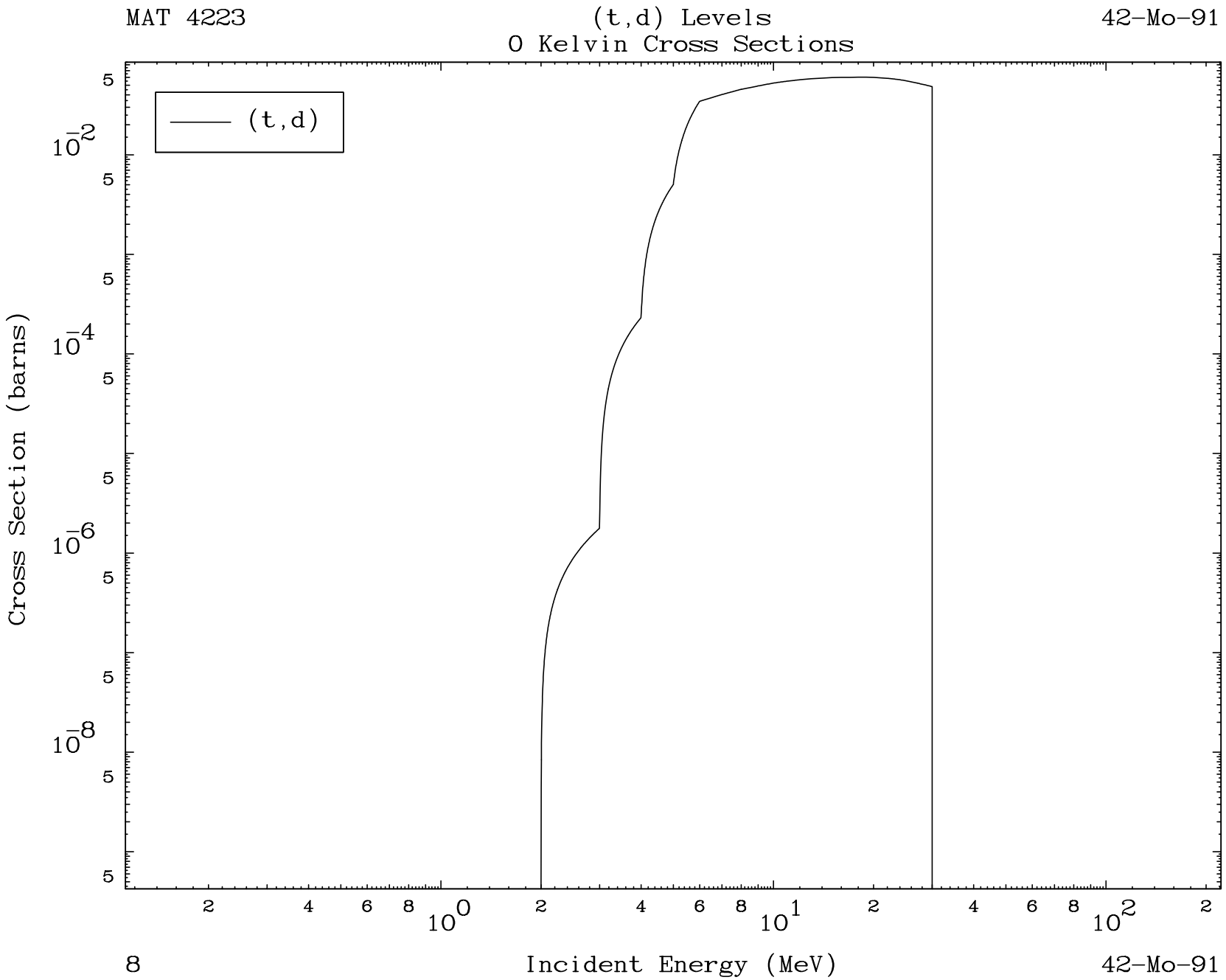

MAT 4223
Triton Neutron Production
0 Kelvin Cross Sections
42-Mo-91
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
42-Mo-91

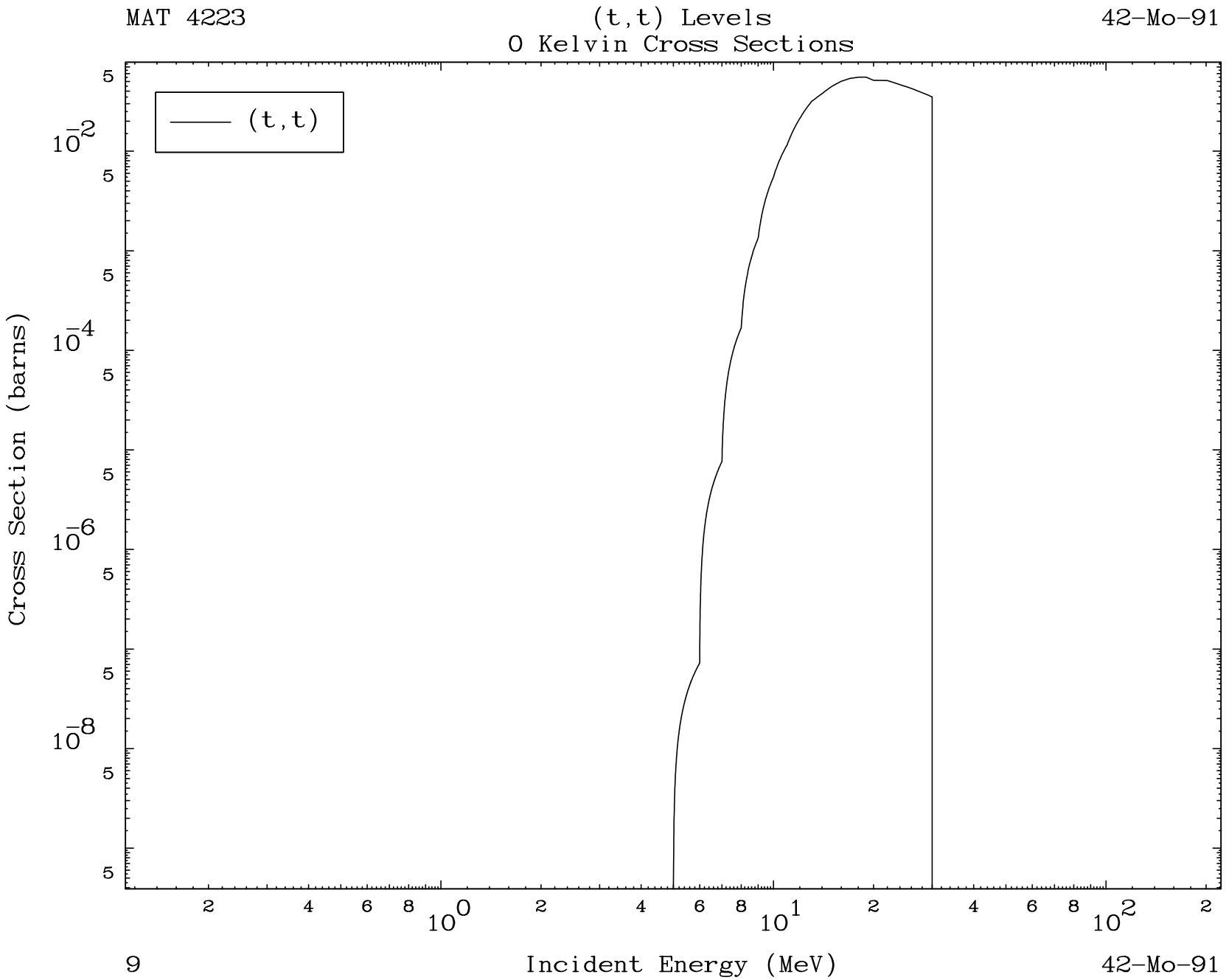

MAT 4223
Triton Charged Particle
0 Kelvin Cross Sections
42-Mo-91
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
(t,n') 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
(t,3n) p
(t,p)
Cross Section (barns)
Incident Energy (MeV)
4
42-Mo-91

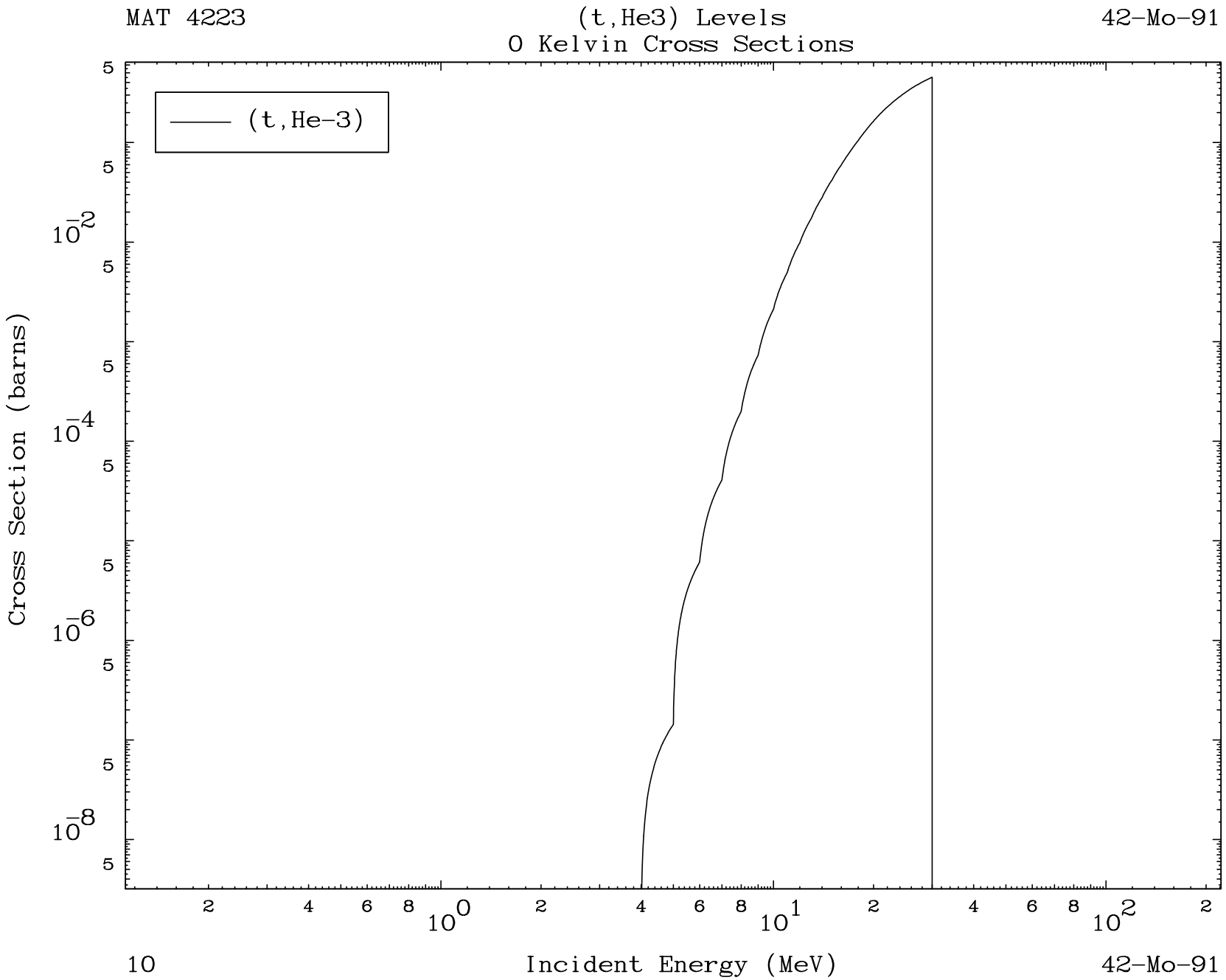

MAT 4223
Triton Charged Particle
0 Kelvin Cross Sections
42-Mo-91
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
(t,3α)
(t,2p)
(t,p) α
(t,p) d
Cross Section (barns)
Incident Energy (MeV)
42-Mo-91

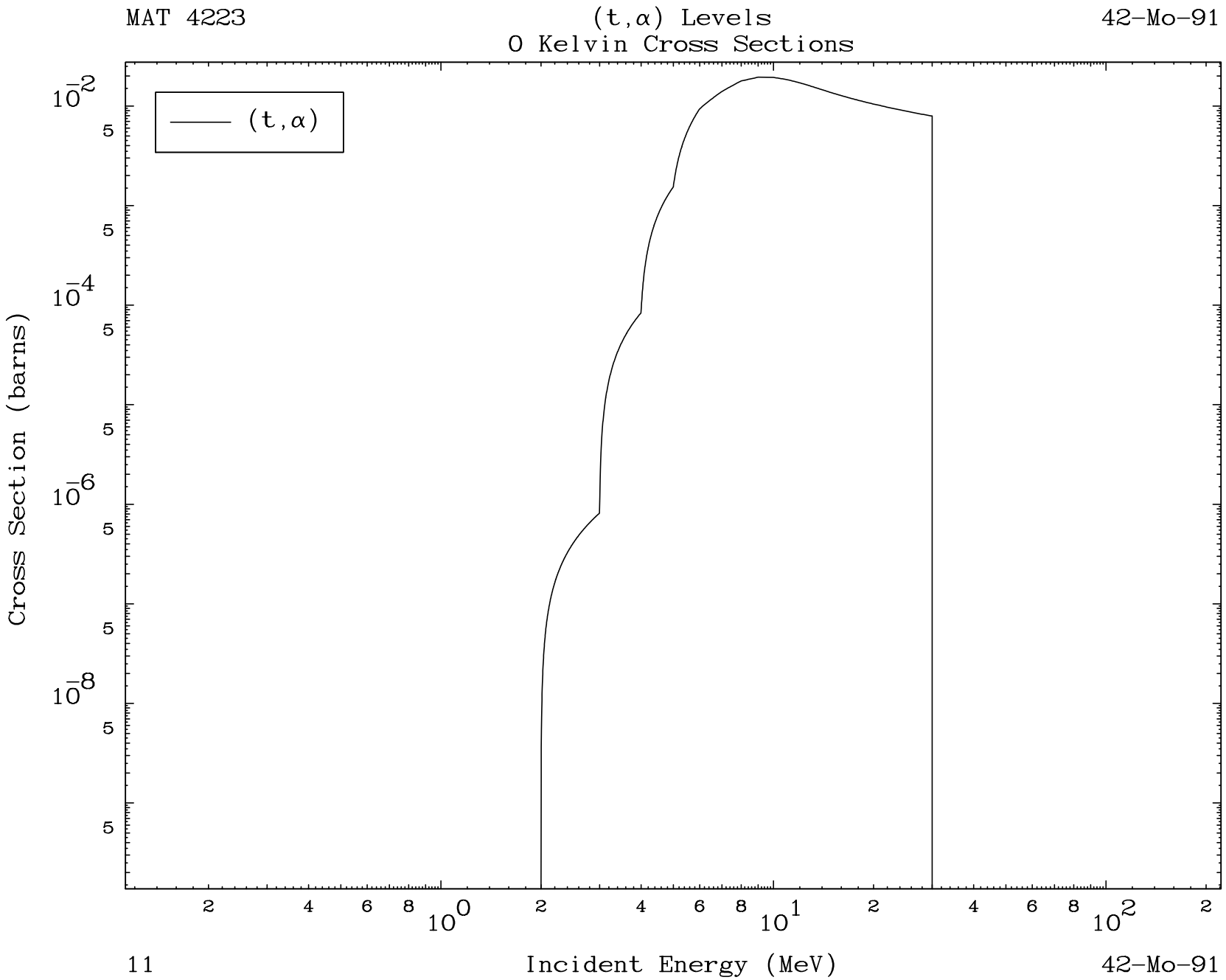

MAT 4223
(t,n') Level
42-Mo-91
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
6
42-Mo-91

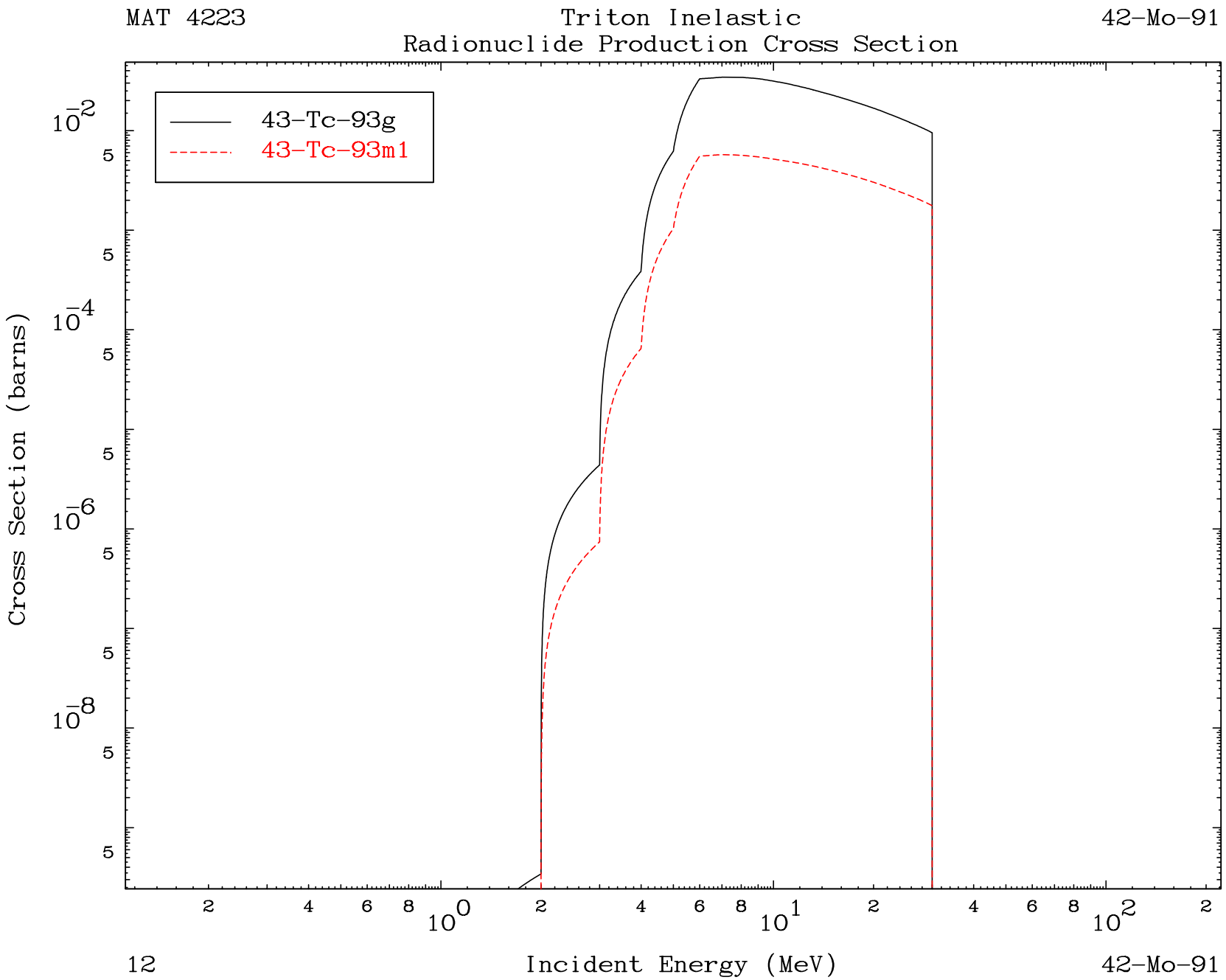

MAT 4223
(t,p) Levels
42-Mo-91
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
7
42-Mo-91

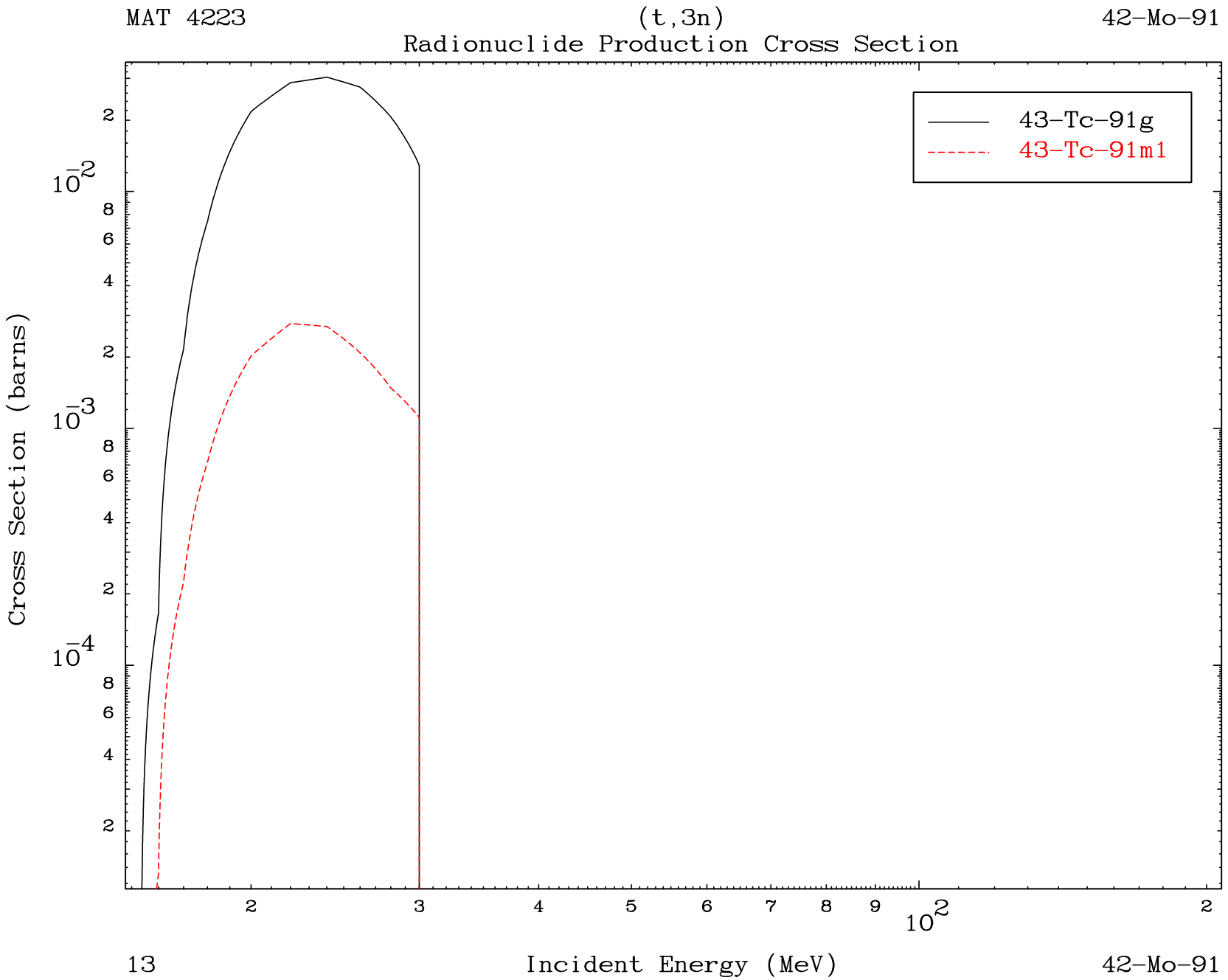

MAT 4223
(t,d) Levels
42-Mo-91
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
8
42-Mo-91

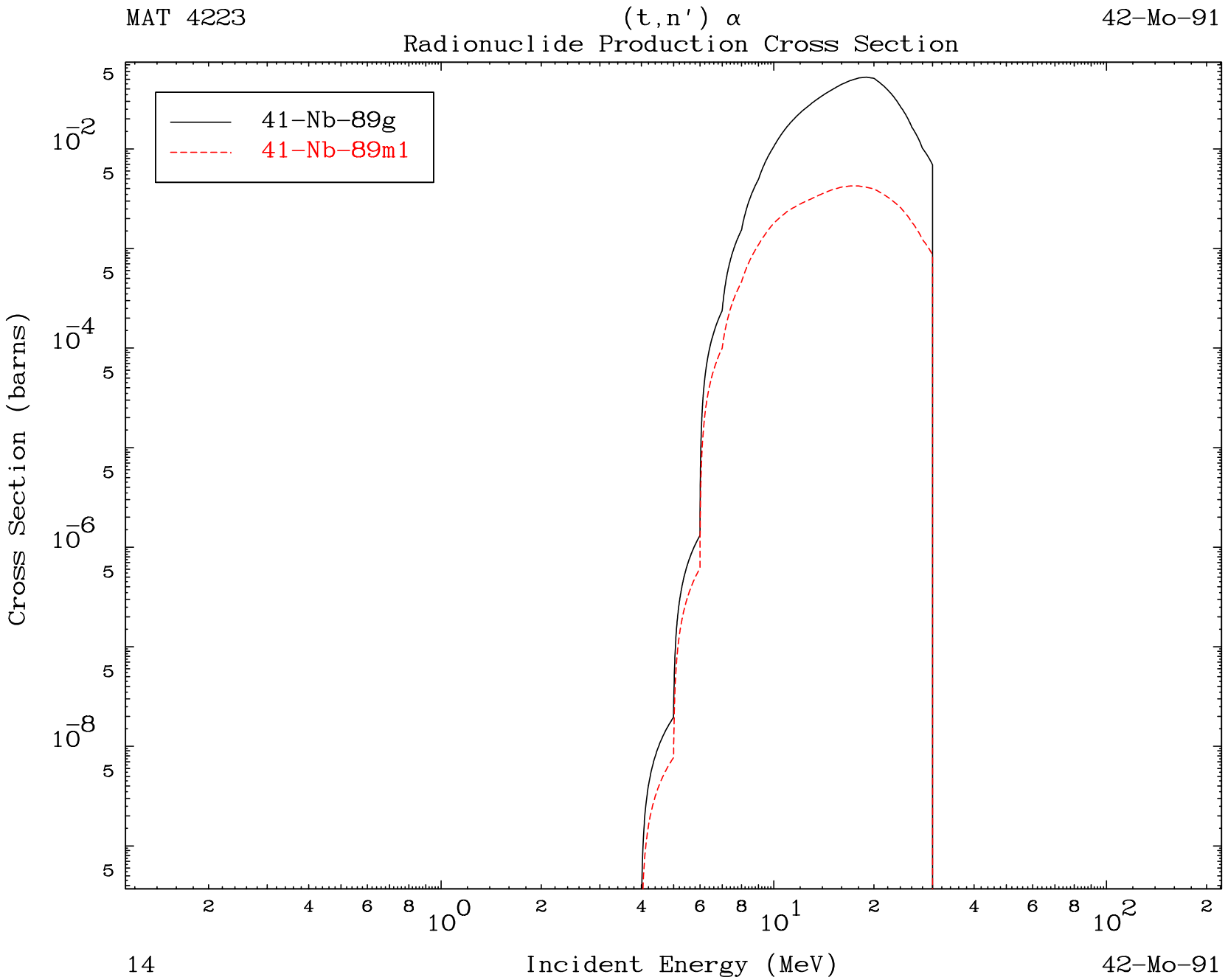

MAT 4223
(t,t) Levels
42-Mo-91
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
9
42-Mo-91

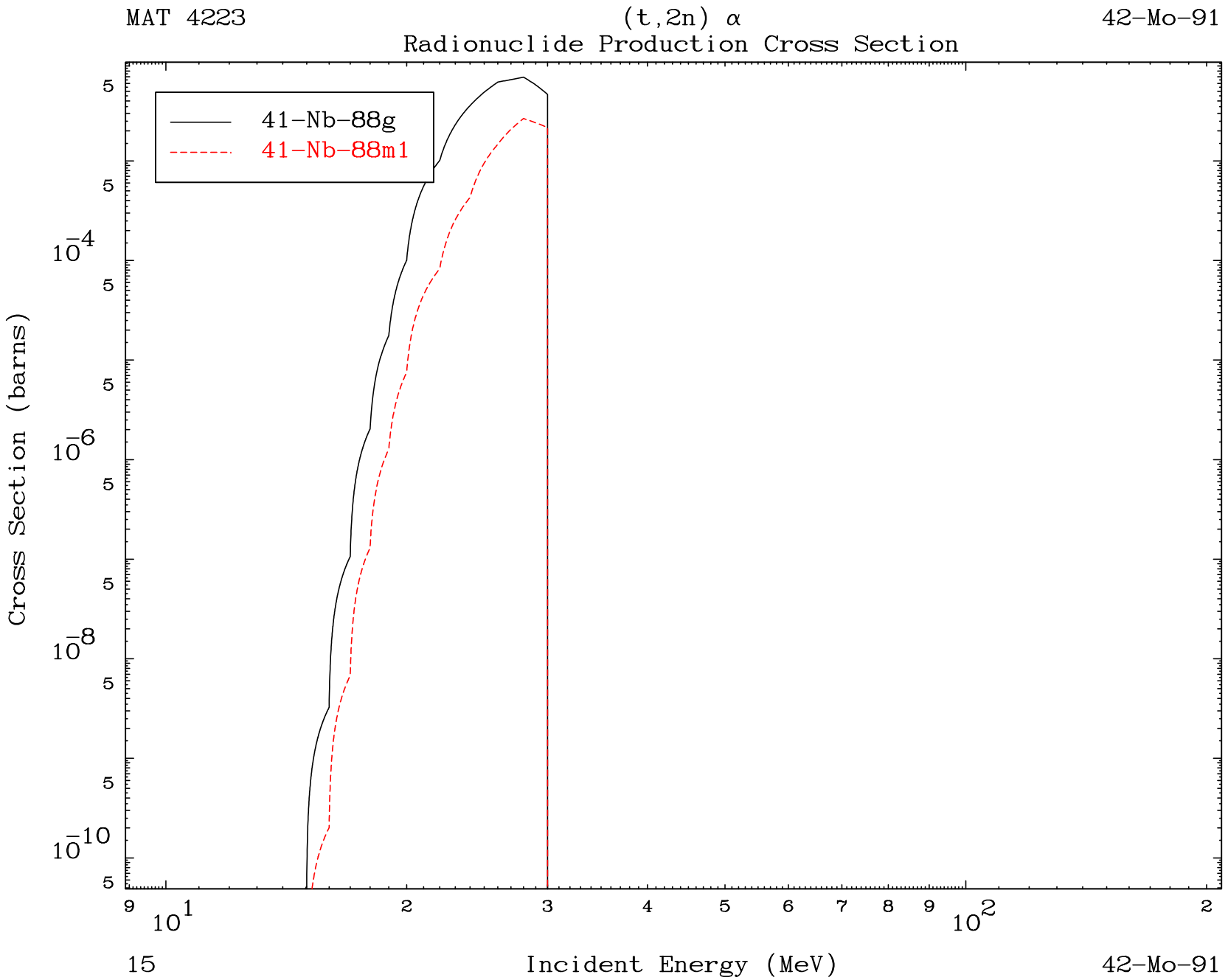

MAT 4223
(t,He3) Levels
42-Mo-91
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
42-Mo-91

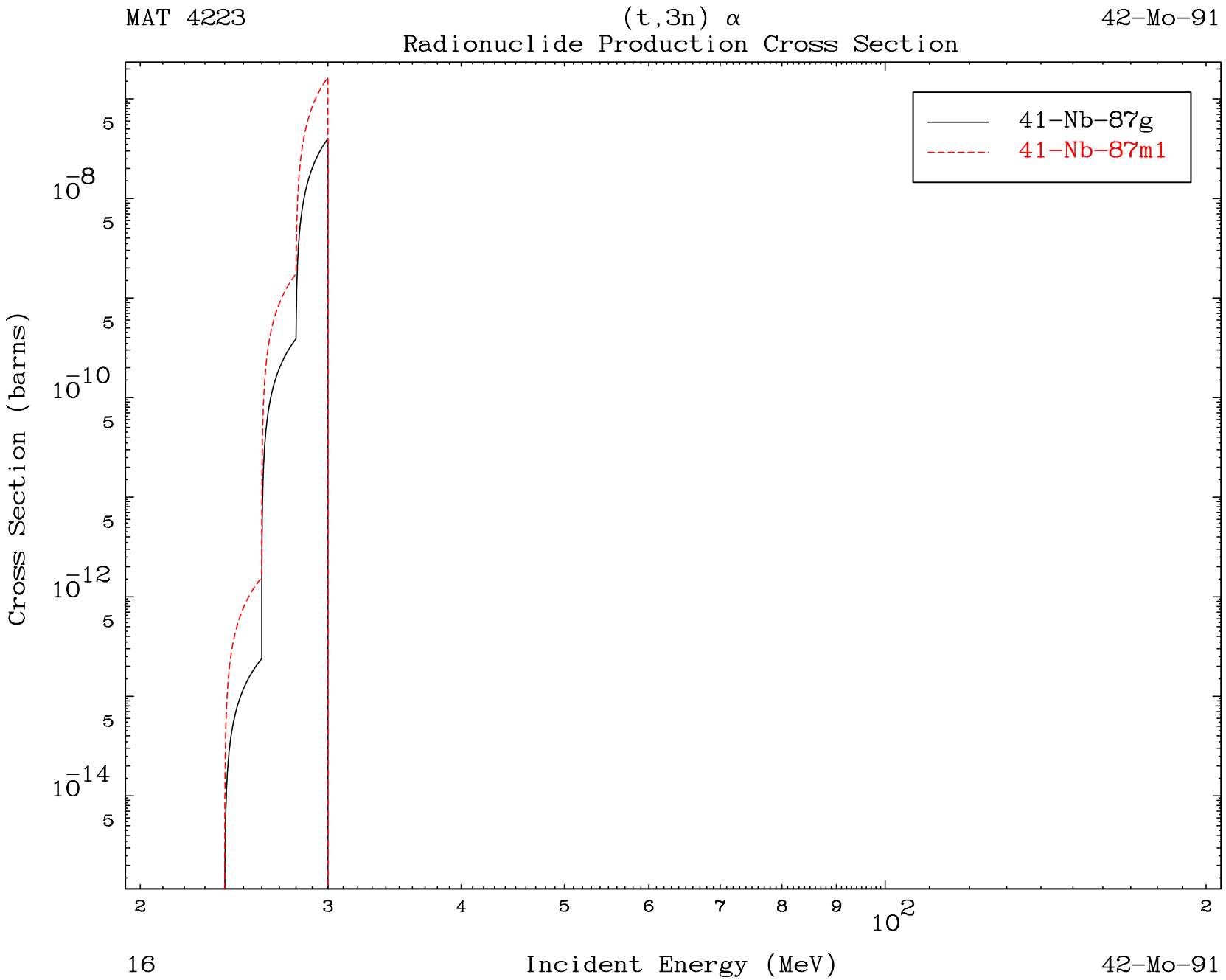

MAT 4223
(t,α) Levels
42-Mo-91
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
100
101
102
2
4
6
8
11
Incident Energy (MeV)
42-Mo-91

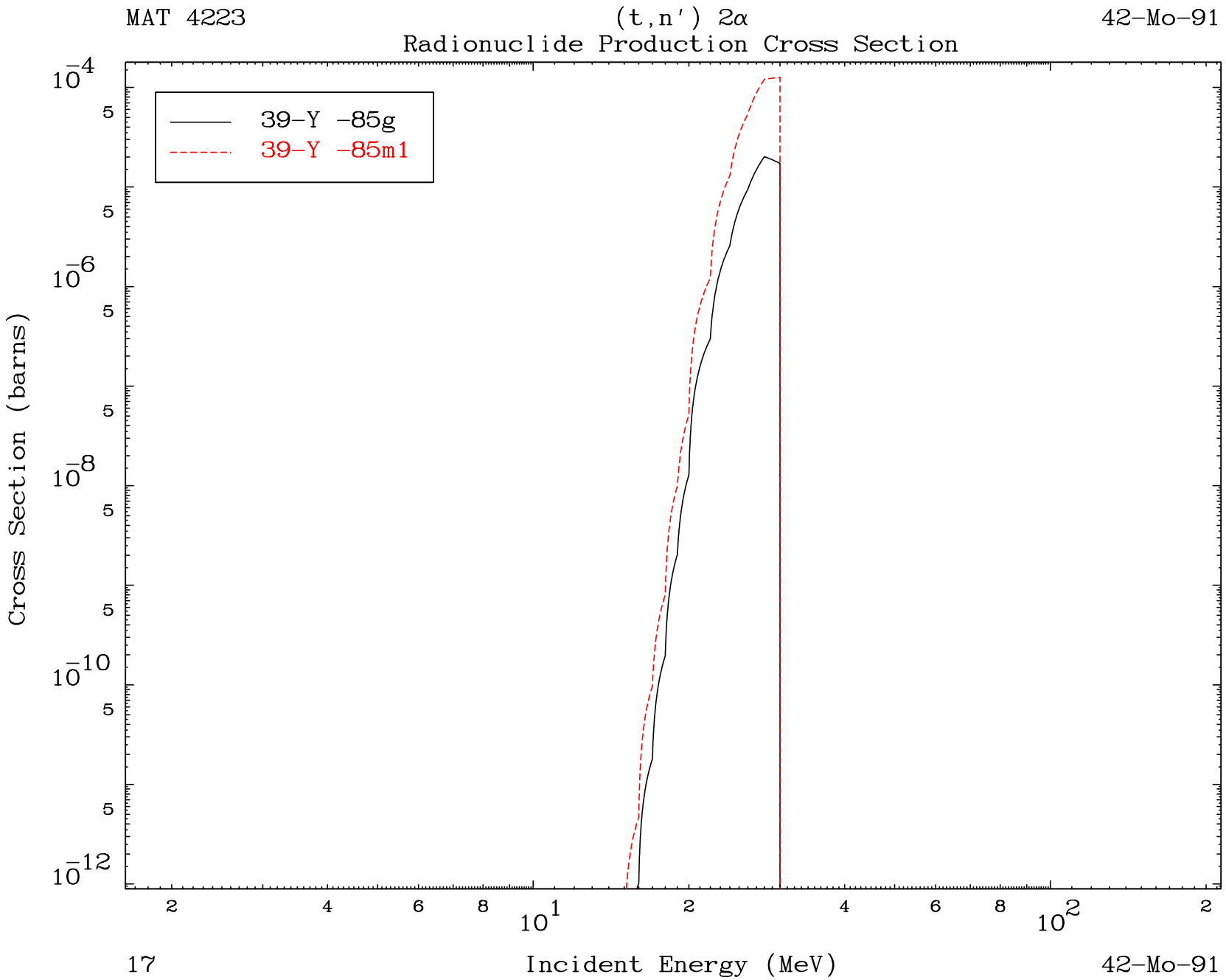

MAT 4223
Triton Inelastic
42-Mo-91
Radionuclide Production Cross Section
43-Tc-93g
43-Tc-93m1
Cross Section (barns)
Incident Energy (MeV)
12
42-Mo-91

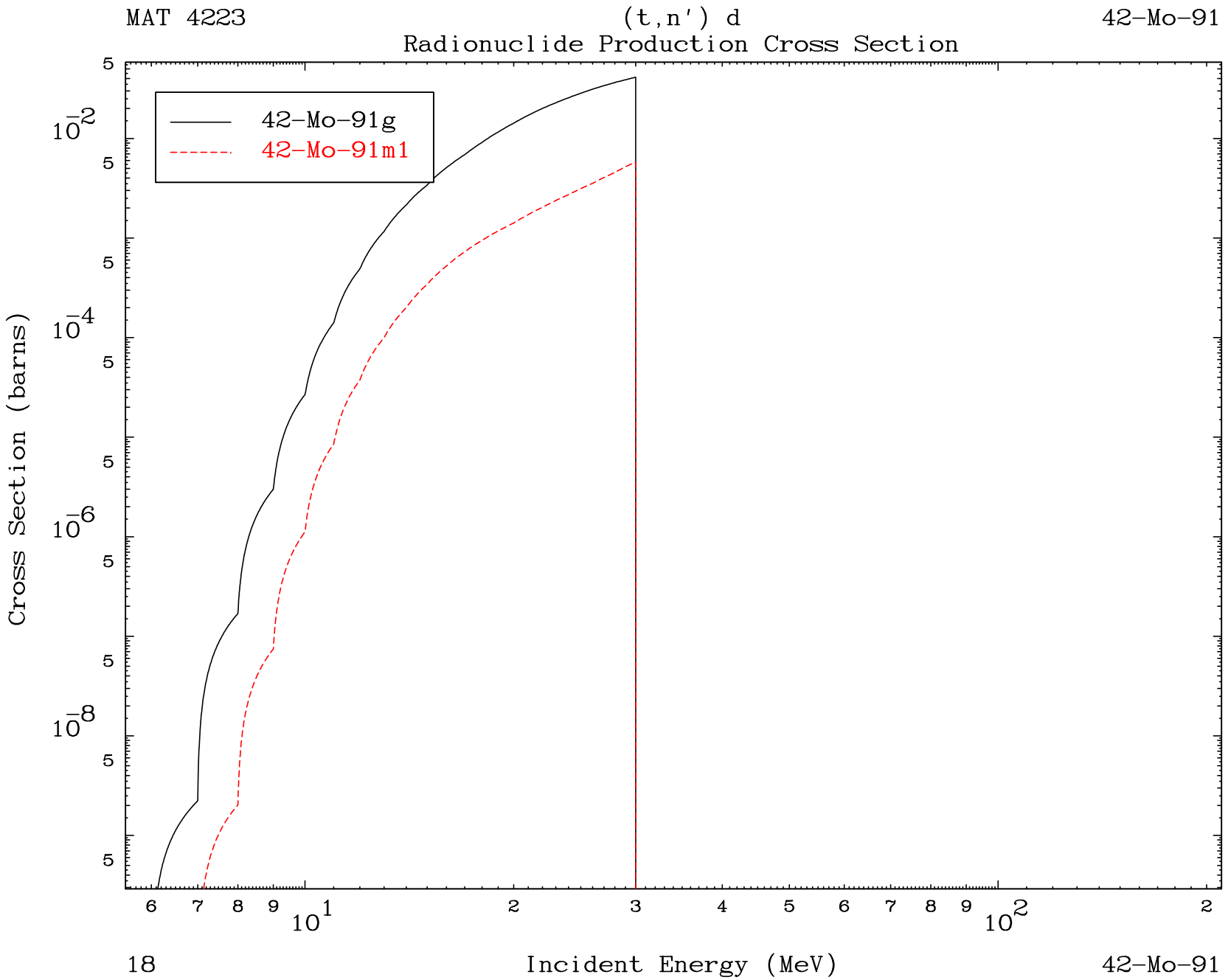

MAT 4223
(t,3n)
42-Mo-91
Radionuclide Production Cross Section
43-Tc-91g
43-Tc-91m1
Cross Section (barns)
Incident Energy (MeV)
13
42-Mo-91

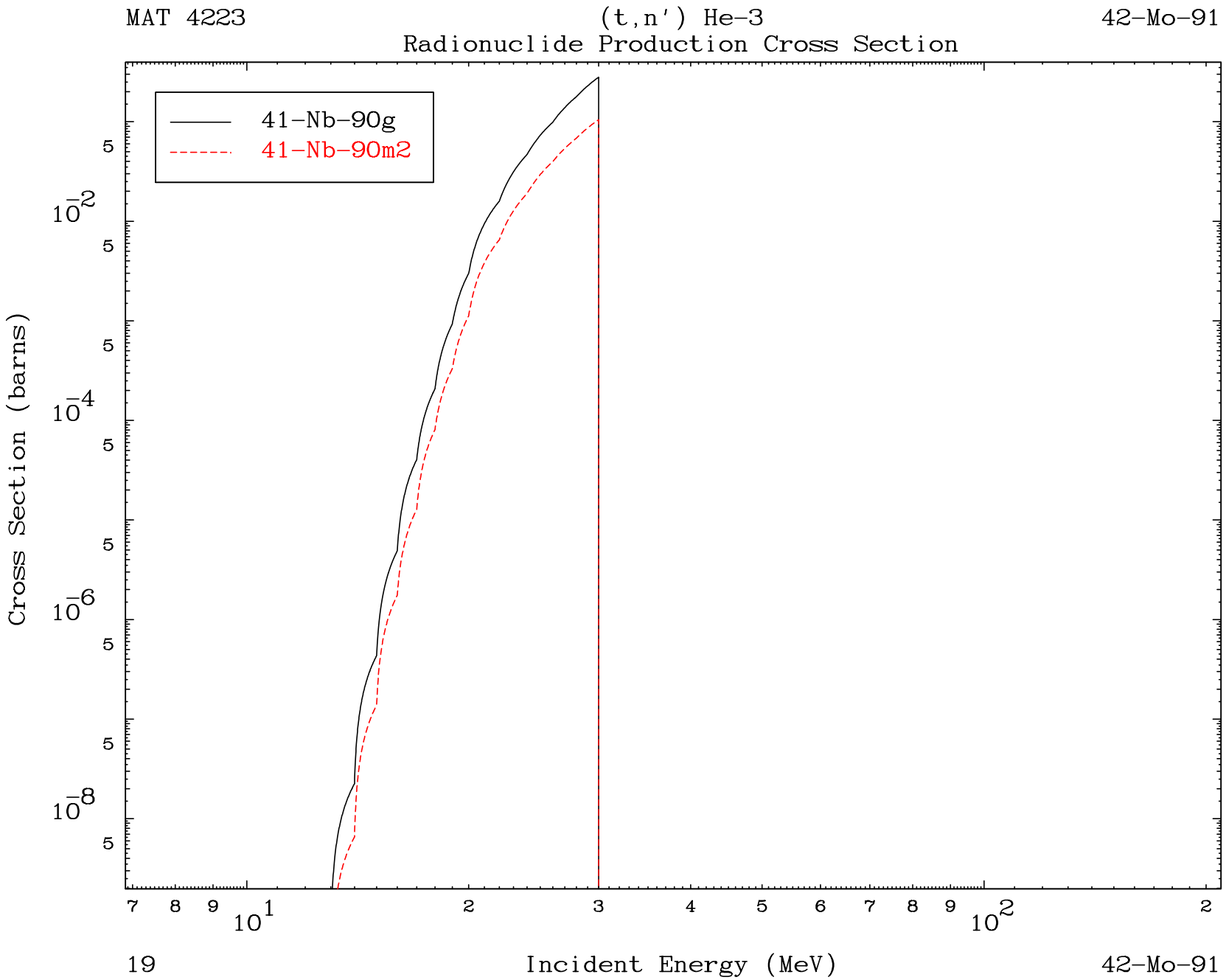

MAT 4223
(t,n') α
42-Mo-91
Radionuclide Production Cross Section
41-Nb-89g
41-Nb-89m1
Cross Section (barns)
Incident Energy (MeV)
14
42-Mo-91

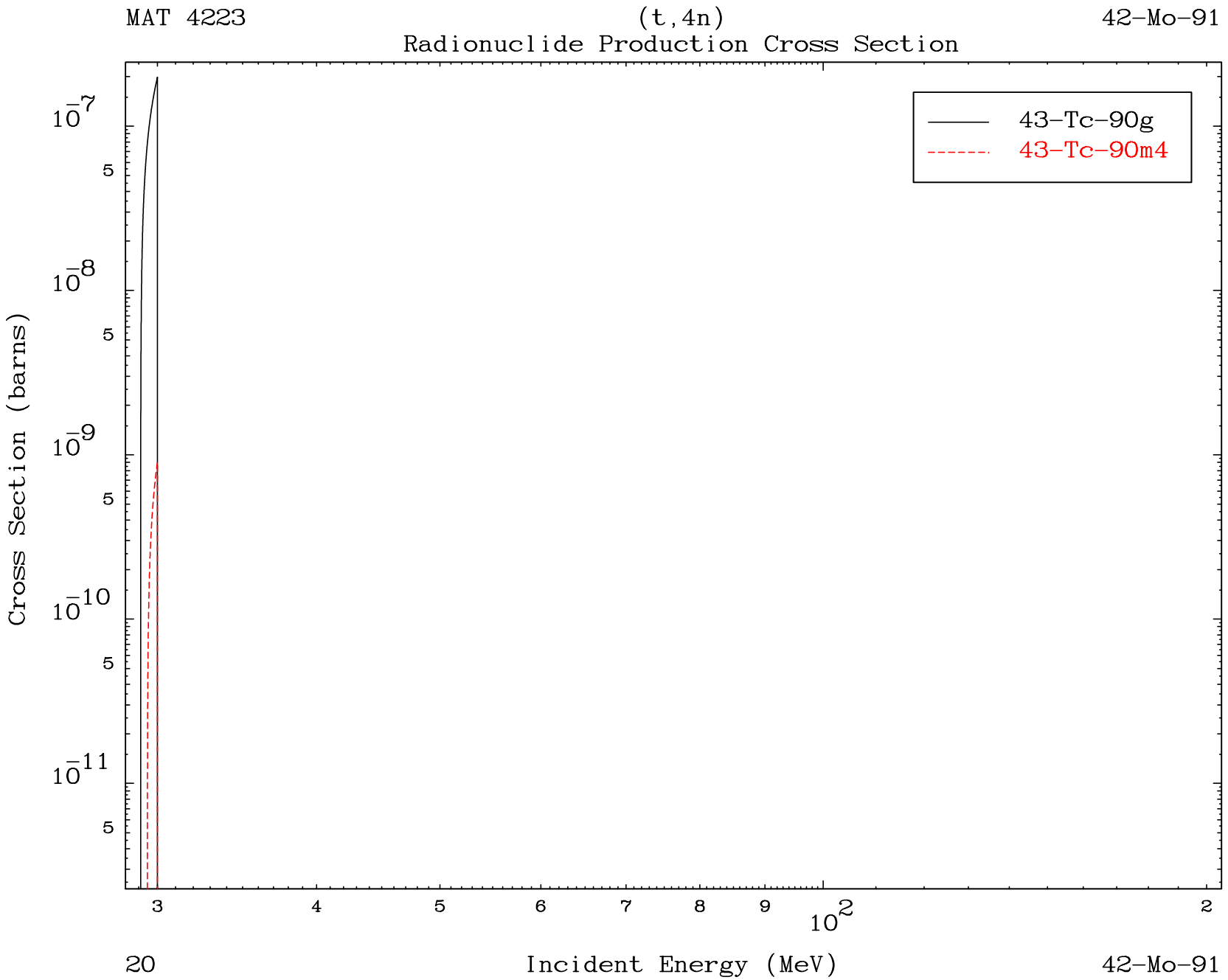

MAT 4223
(t,2n) α
42-Mo-91
Radionuclide Production Cross Section
41-Nb-88g
41-Nb-88m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
15
42-Mo-91

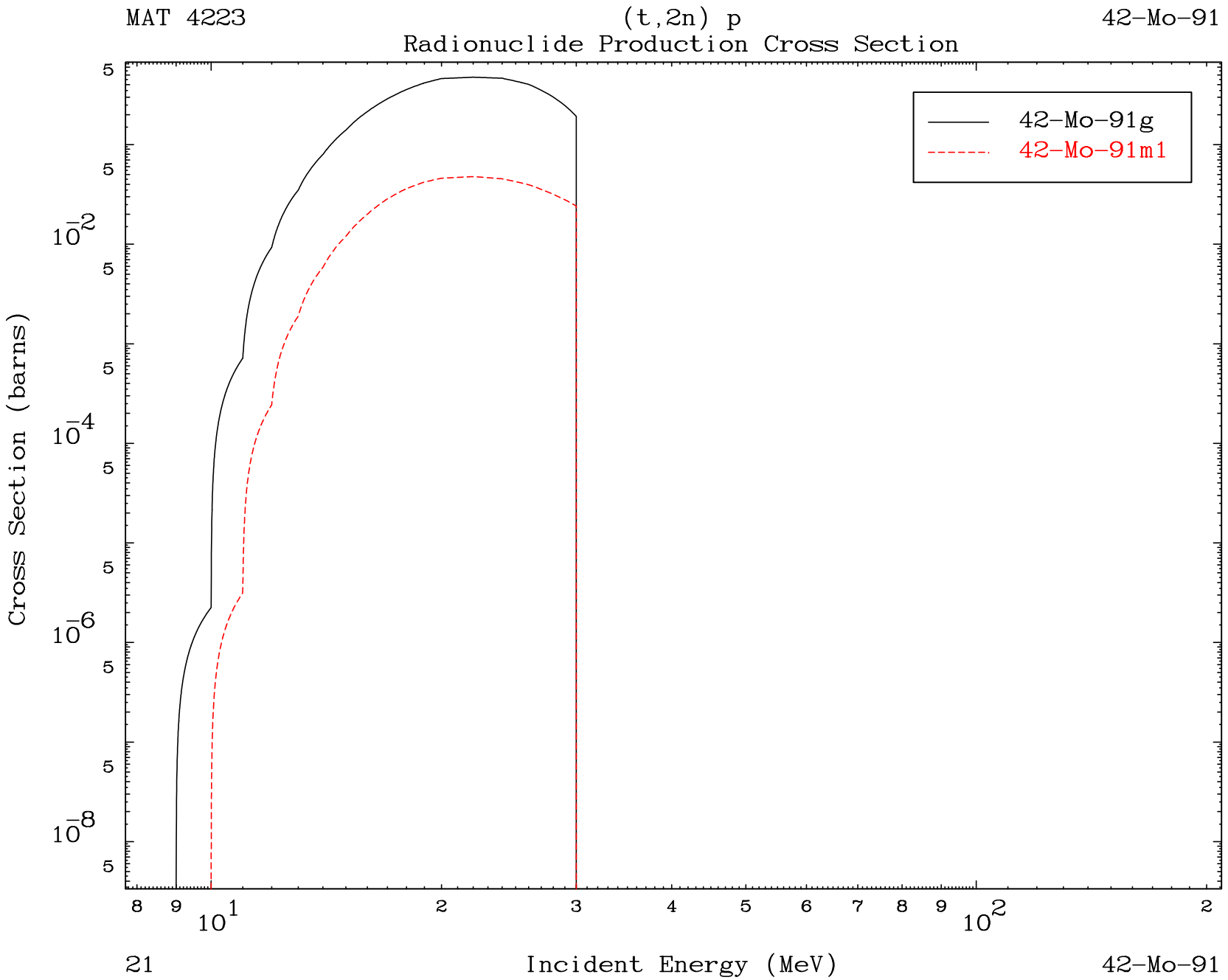

MAT 4223
(t,3n) α
42-Mo-91
Radionuclide Production Cross Section
41-Nb-87g
41-Nb-87m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
42-Mo-91

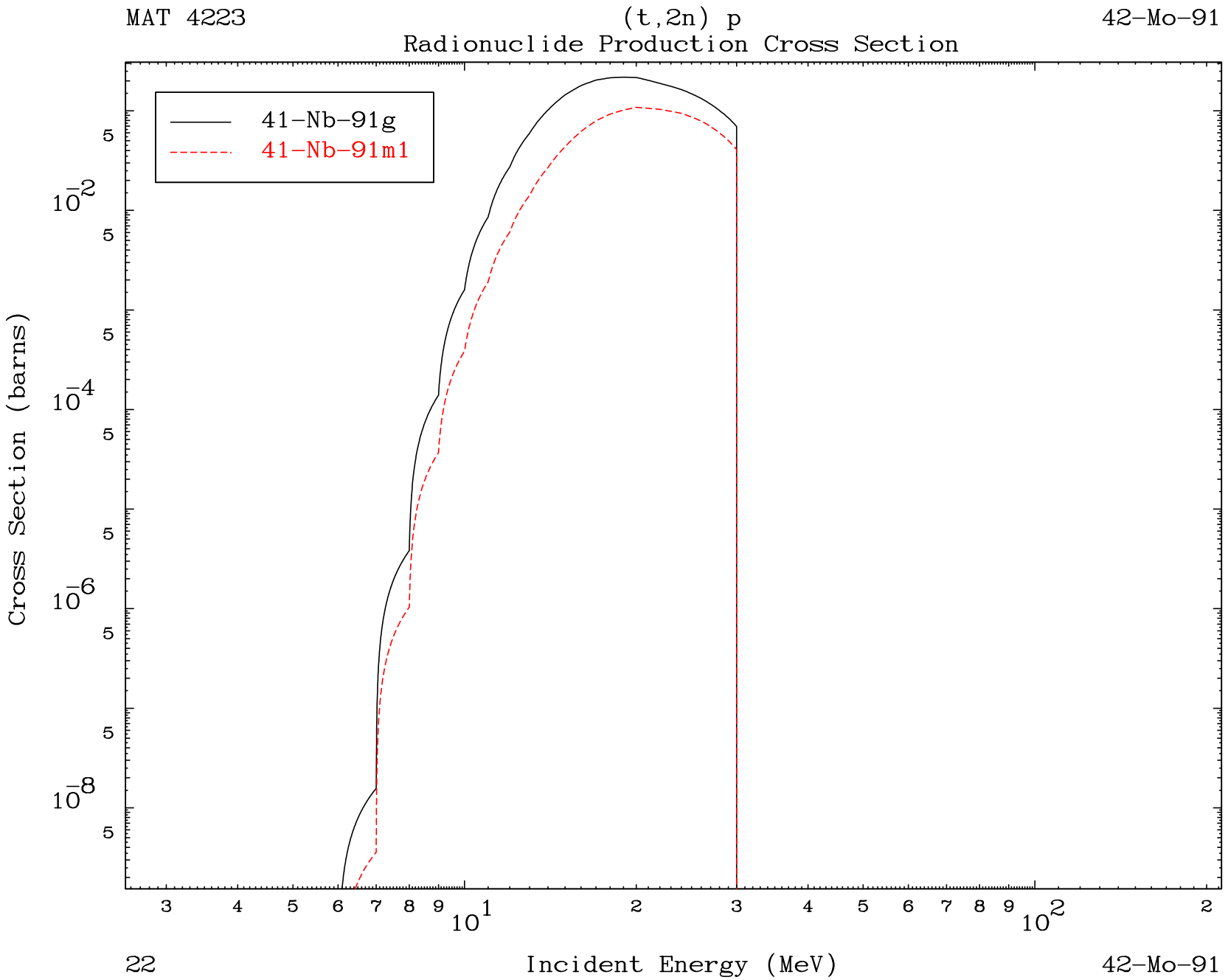

MAT 4223
(t,n') 2α
42-Mo-91
Radionuclide Production Cross Section
39-Y -85g
39-Y -85m1
Cross Section (barns)
Incident Energy (MeV)
17
42-Mo-91

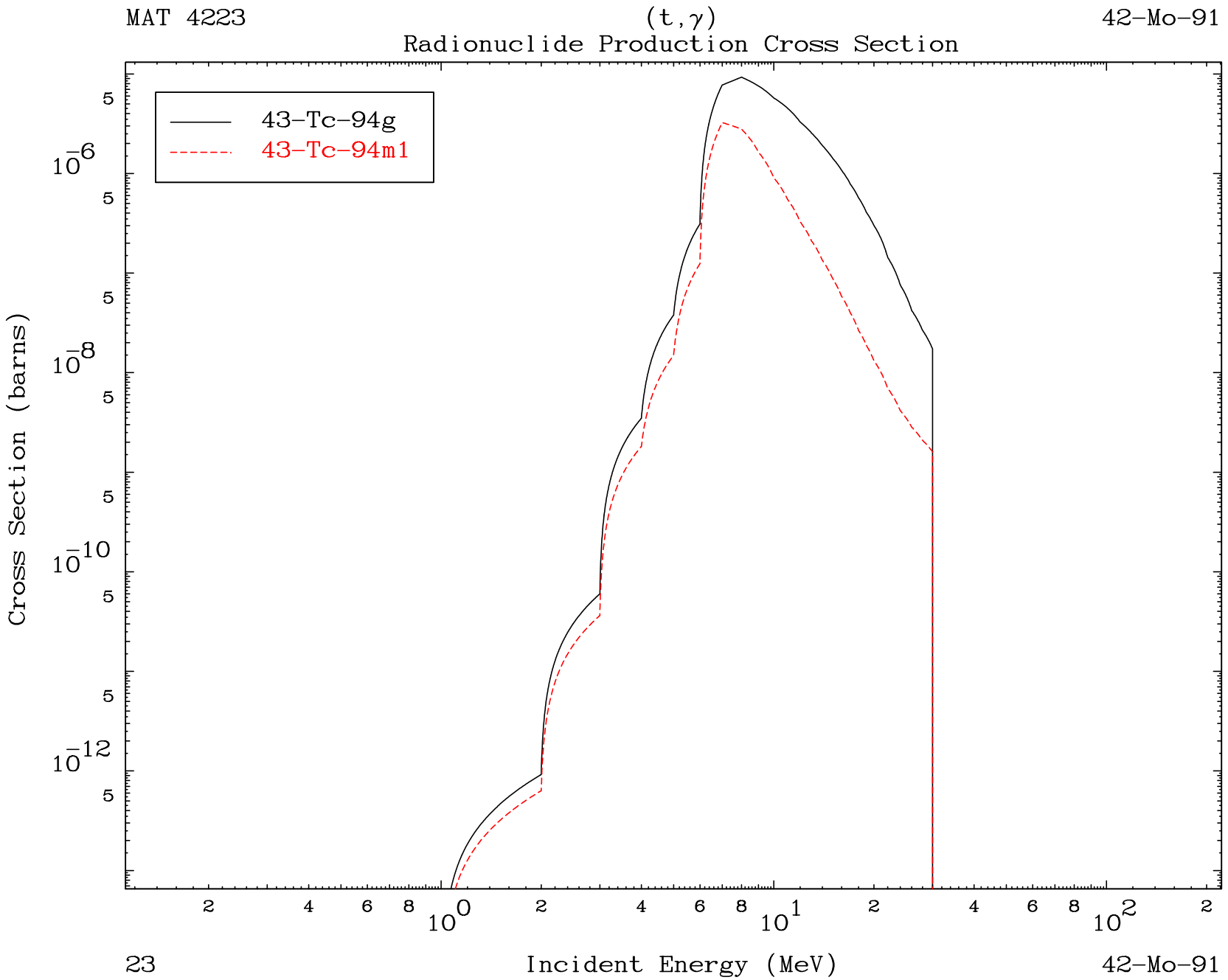

MAT 4223
(t,n') d
42-Mo-91
Radionuclide Production Cross Section
42-Mo-91g
42-Mo-91m1
Cross Section (barns)
Incident Energy (MeV)
18
42-Mo-91

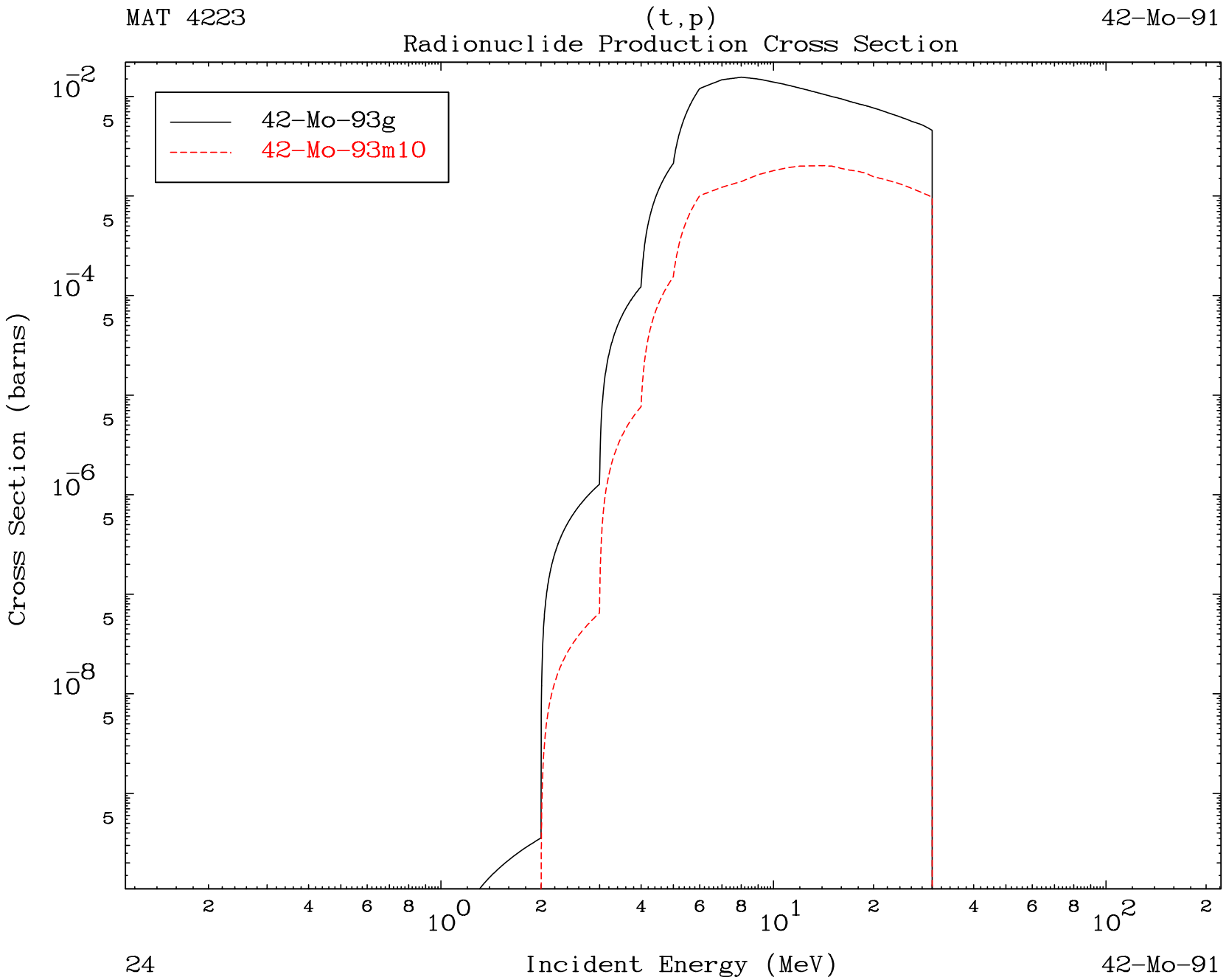

MAT 4223
(t,n') He-3
42-Mo-91
Radionuclide Production Cross Section
41-Nb-90g
41-Nb-90m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
19
Incident Energy (MeV)
42-Mo-91

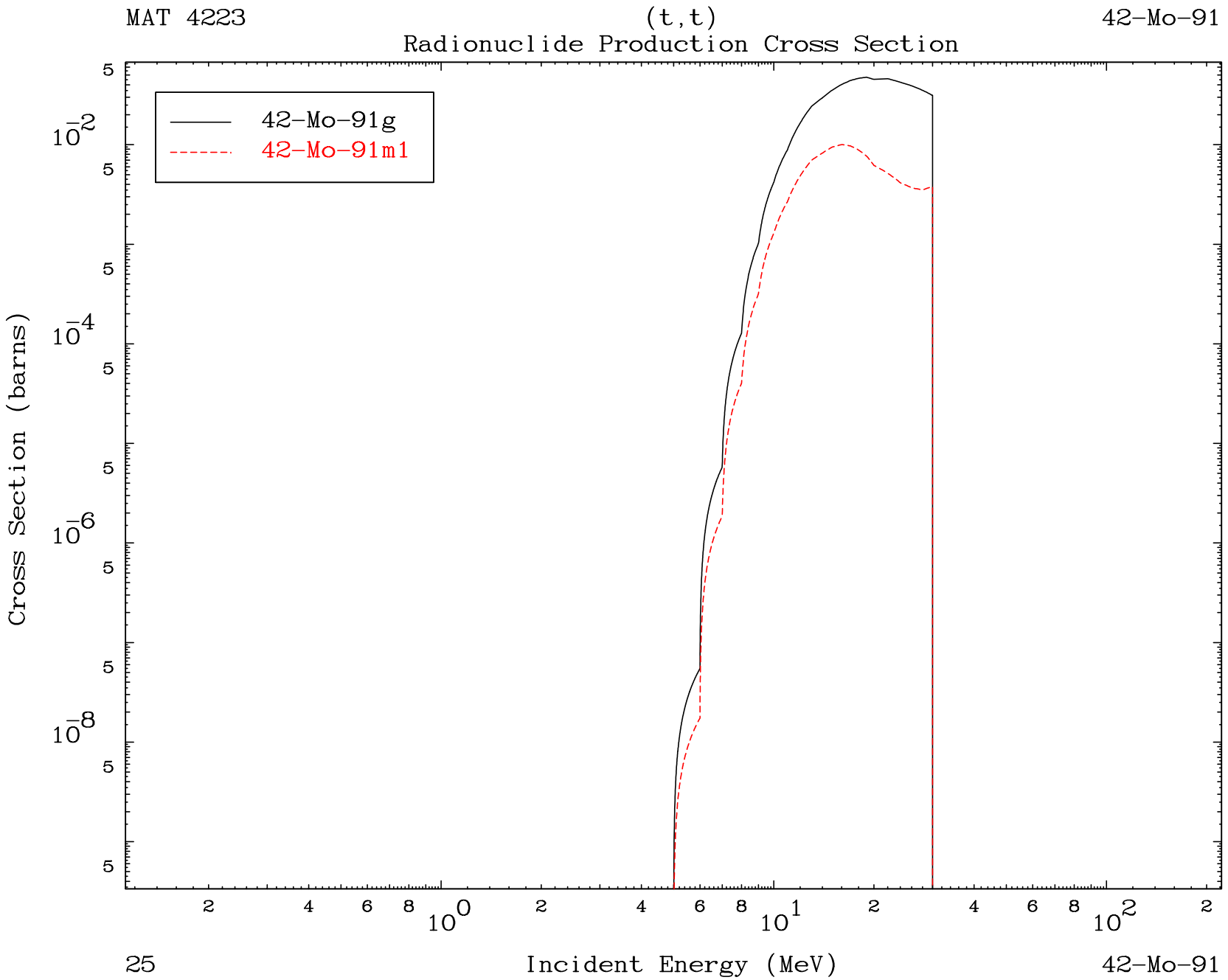

MAT 4223
(t,4n)
42-Mo-91
Radionuclide Production Cross Section
43-Tc-90g
43-Tc-90m4
Cross Section (barns)
10-7
10-8
10-9
10-10
10-11
5
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
42-Mo-91

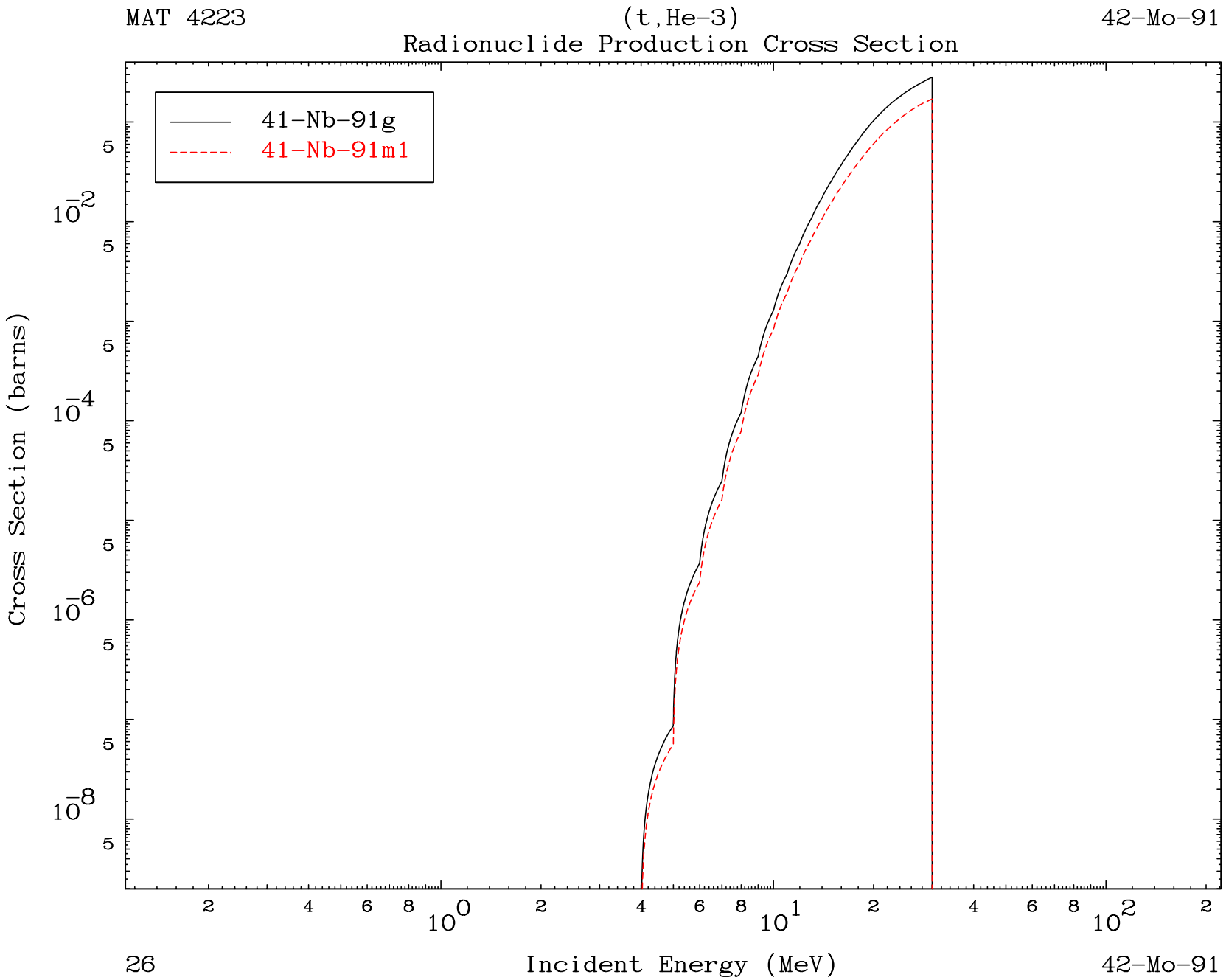

MAT 4223
(t,2n) p
42-Mo-91
Radionuclide Production Cross Section
42-Mo-91g
42-Mo-91m1
Cross Section (barns)
Incident Energy (MeV)
21
42-Mo-91

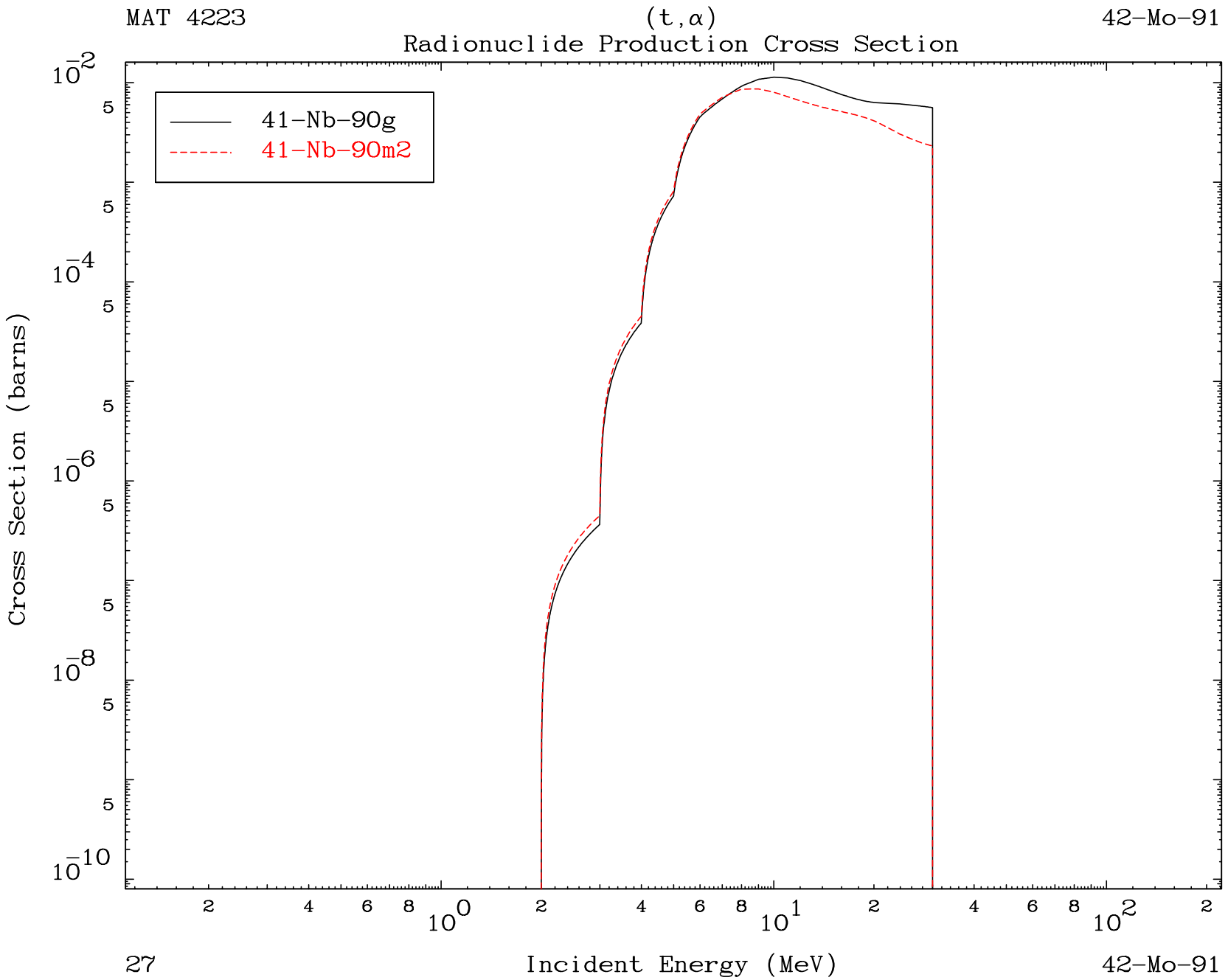

MAT 4223
(t,2n) p
42-Mo-91
Radionuclide Production Cross Section
41-Nb-91g
41-Nb-91m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
22
42-Mo-91

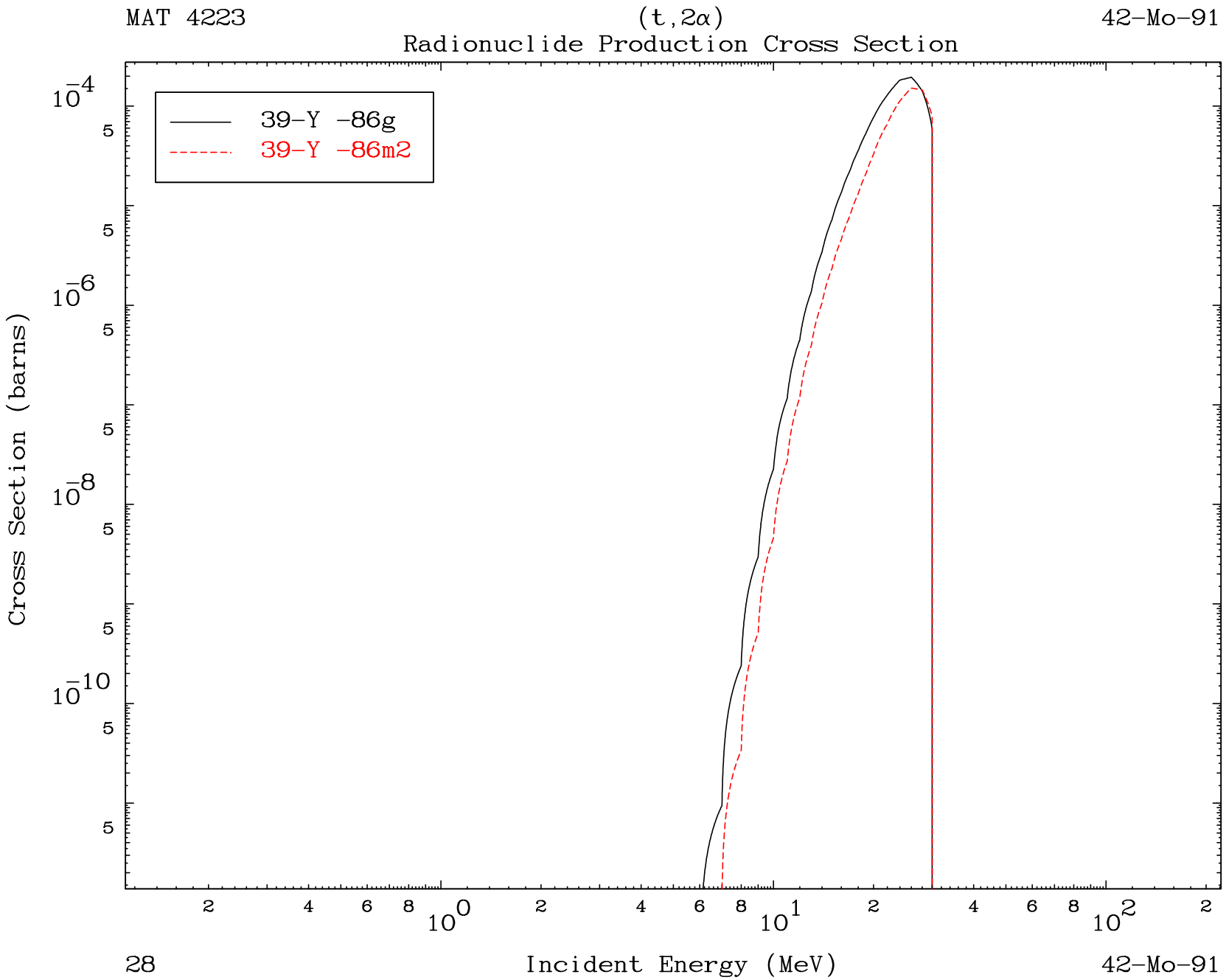

MAT 4223
(t,γ)
42-Mo-91
Radionuclide Production Cross Section
43-Tc-94g
43-Tc-94m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
23
42-Mo-91

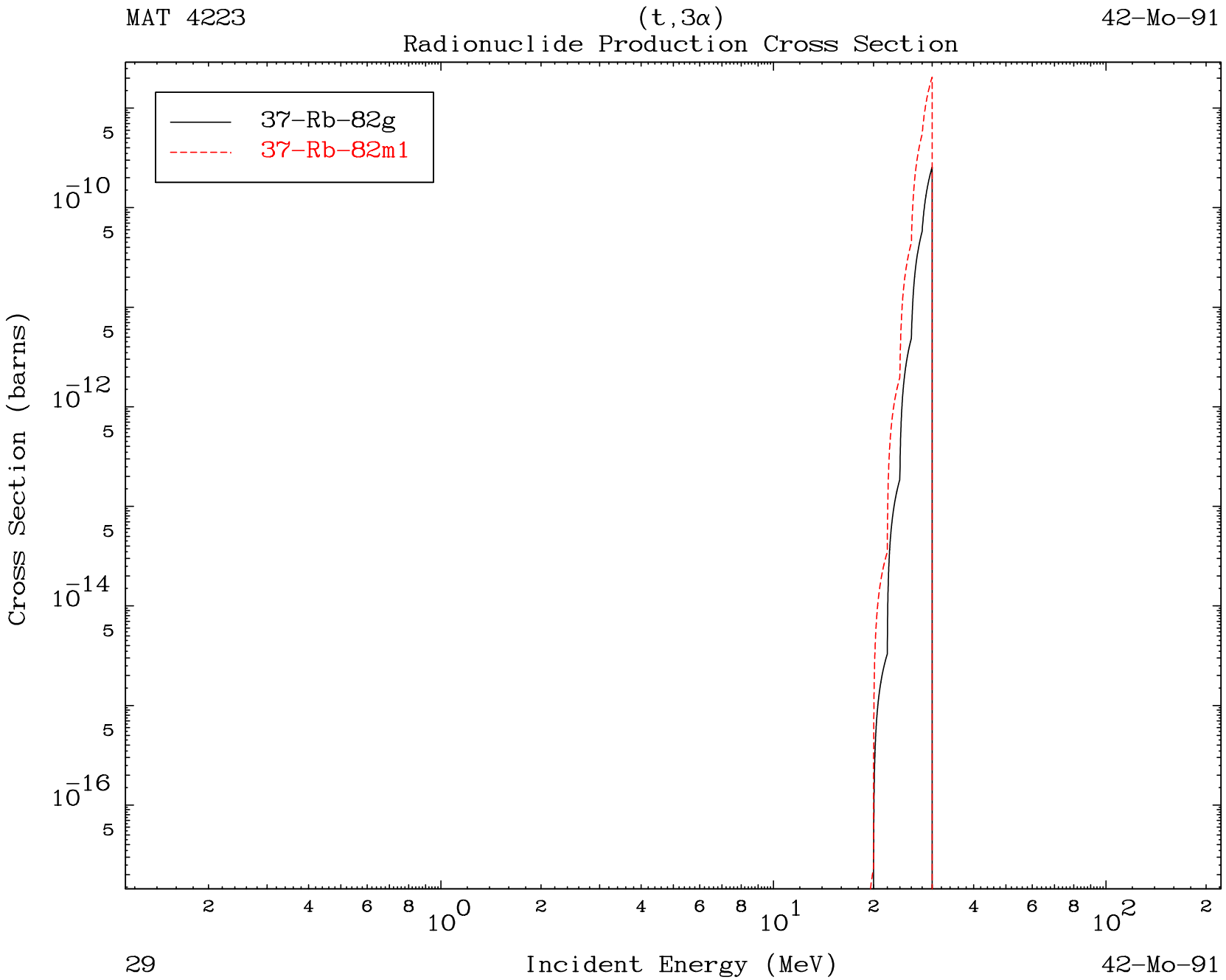

MAT 4223
(t,p)
42-Mo-91
Radionuclide Production Cross Section
42-Mo-93g
42-Mo-93m10
Cross Section (barns)
Incident Energy (MeV)
24
42-Mo-91

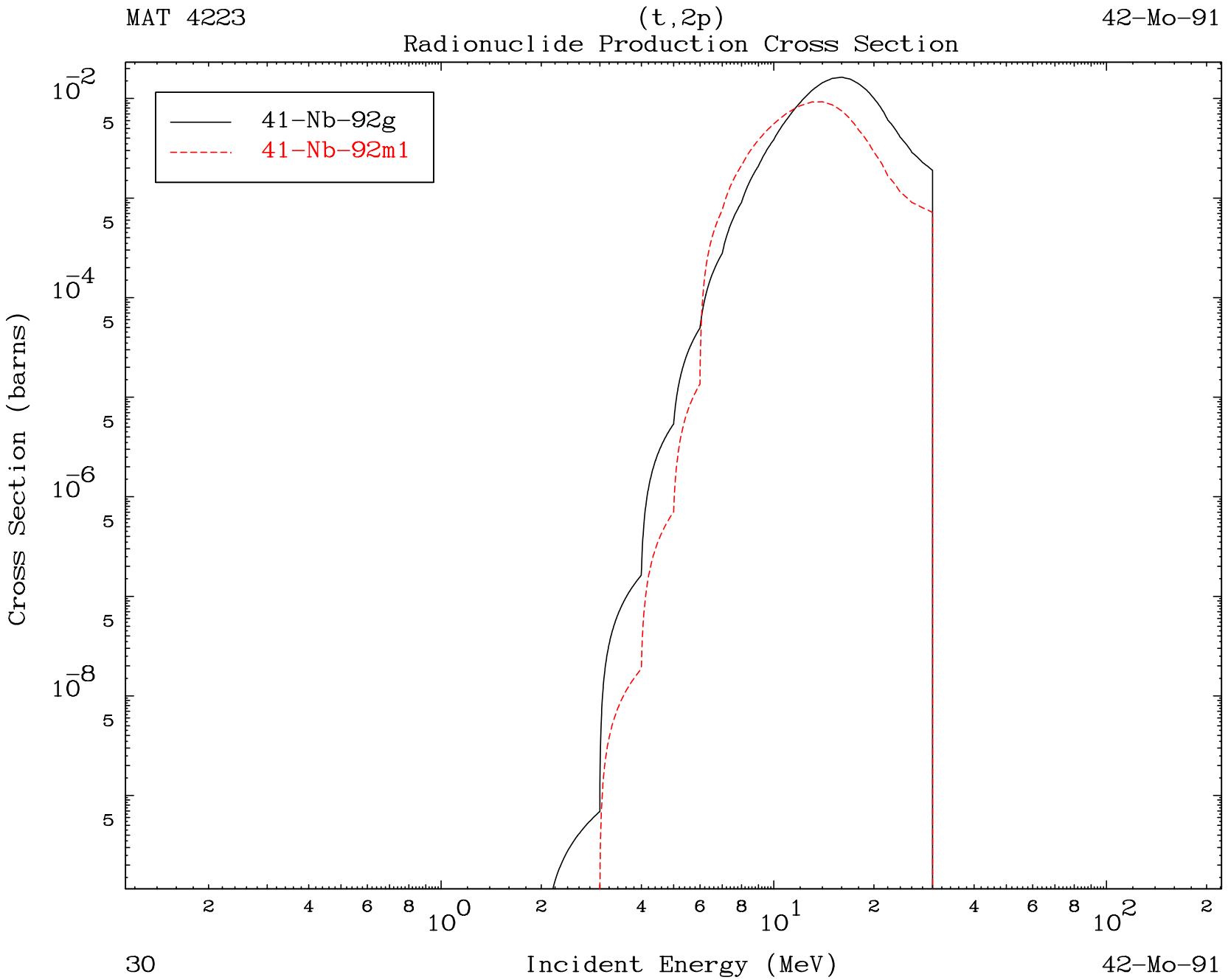

MAT 4223
(t,t)
42-Mo-91
Radionuclide Production Cross Section
42-Mo-91g
42-Mo-91m1
Cross Section (barns)
Incident Energy (MeV)
25
42-Mo-91

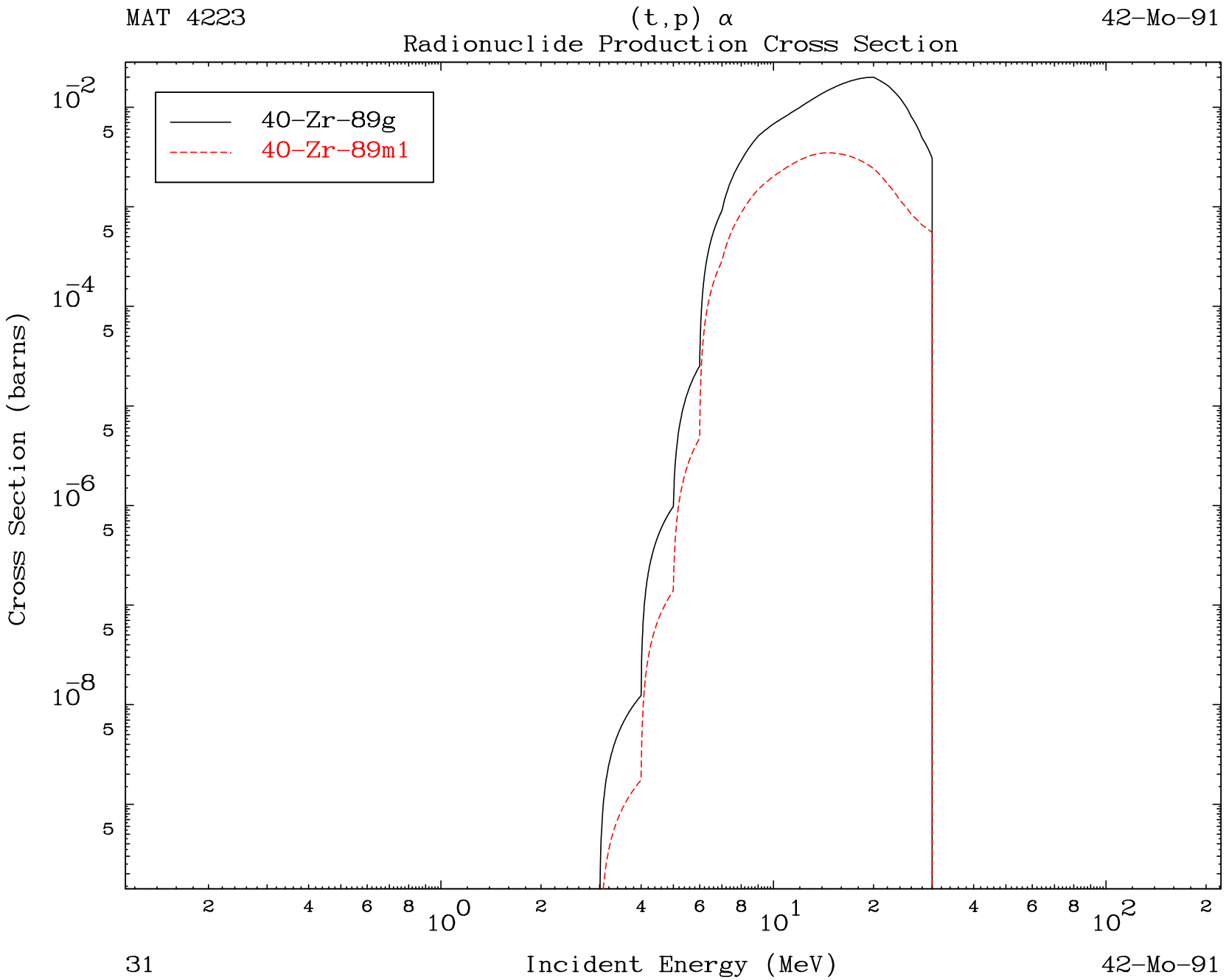

MAT 4223
(t,He-3)
42-Mo-91
Radionuclide Production Cross Section
41-Nb-91g
41-Nb-91m1
Cross Section (barns)
10-2
10-4
10-6
10-8
10 0
10 1
10 2
Incident Energy (MeV)
26
42-Mo-91

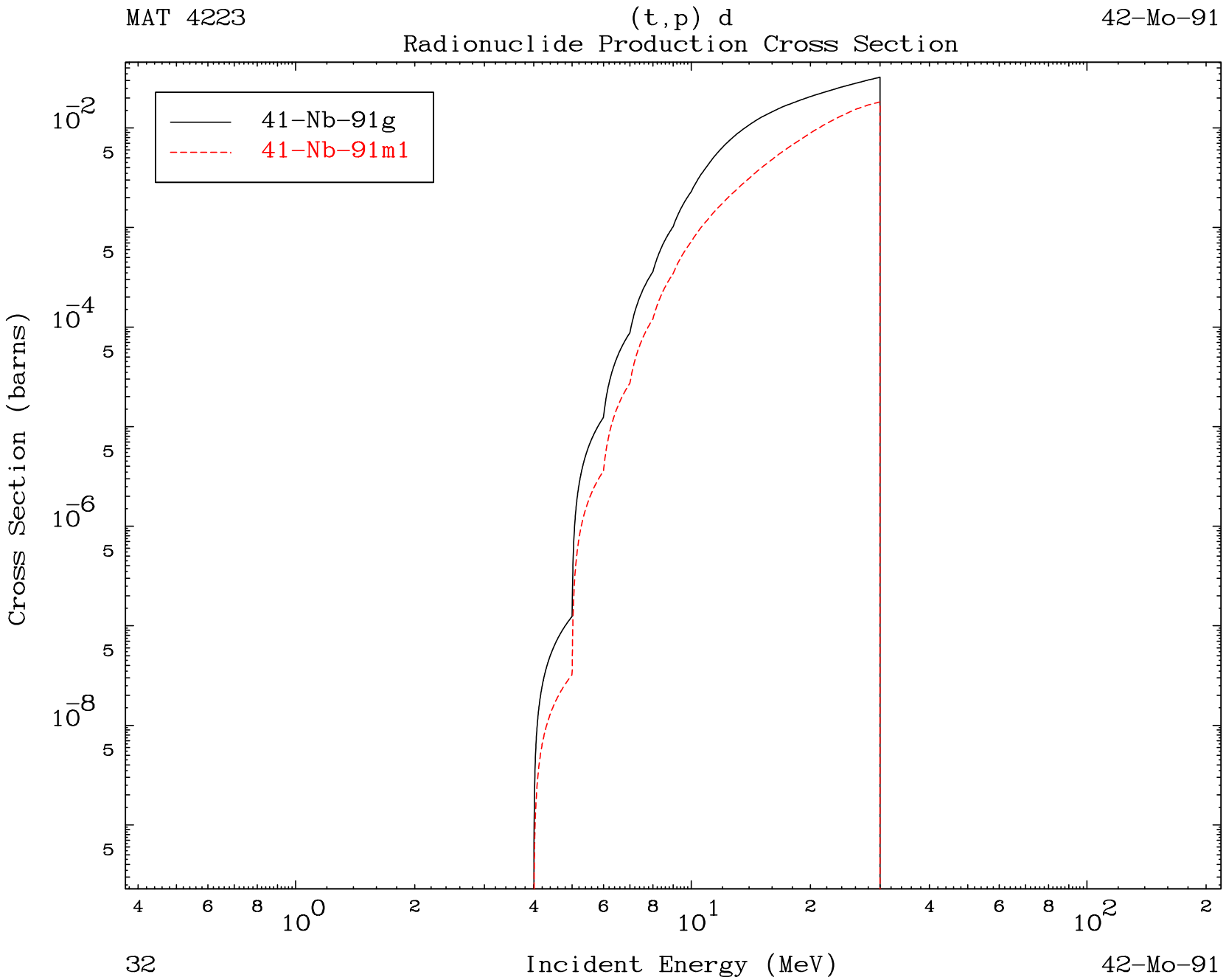

MAT 4223
(t,α)
42-Mo-91
Radionuclide Production Cross Section
41-Nb-90g
41-Nb-90m2
Cross Section (barns)
Incident Energy (MeV)
27
42-Mo-91

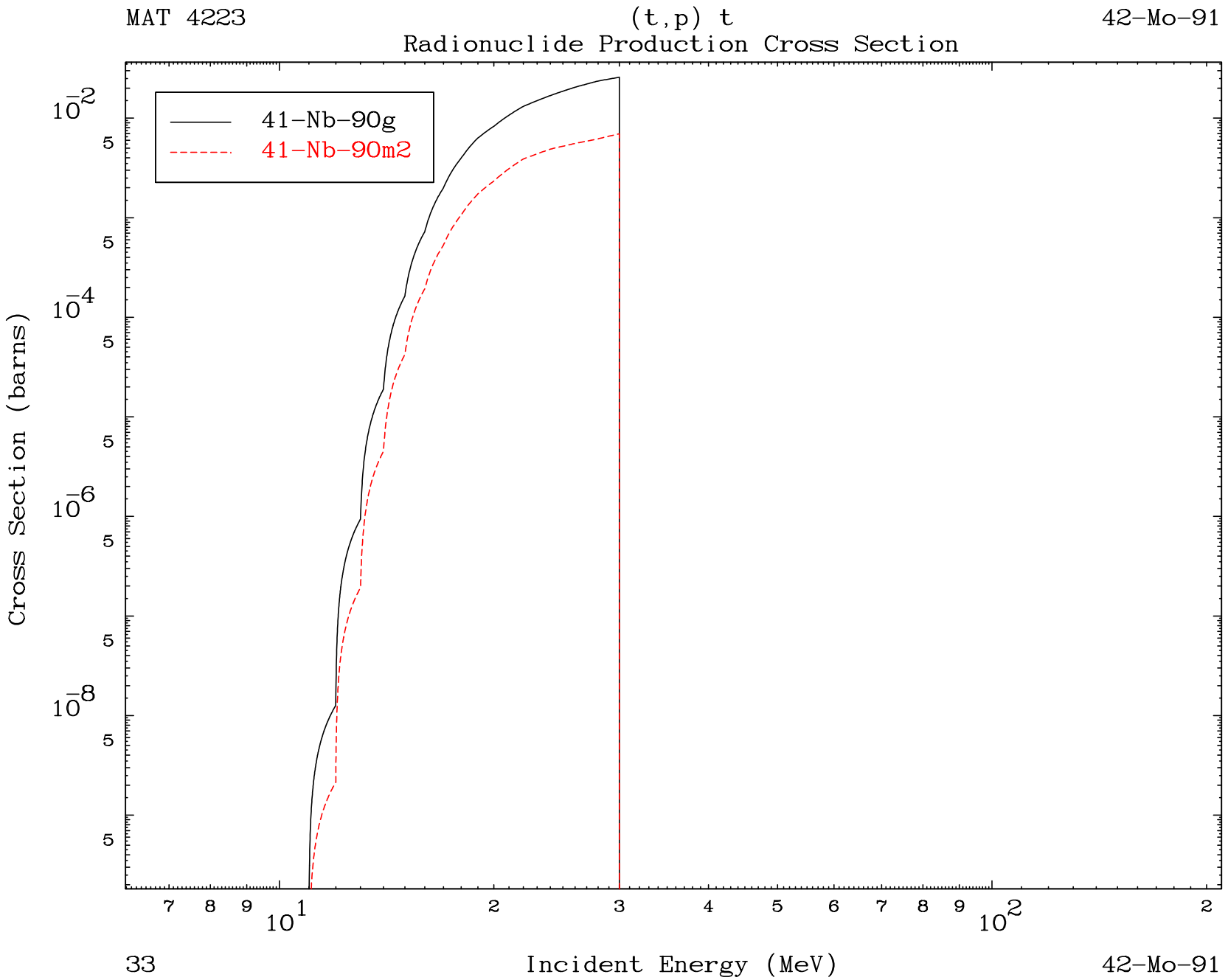

MAT 4223
(t,2α)
42-Mo-91
Radionuclide Production Cross Section
39-Y -86g
39-Y -86m2
Cross Section (barns)
10-4
10-6
10-8
10-10
5
100
101
102
2
4
6
8
28
Incident Energy (MeV)
42-Mo-91


MAT 4223
(t,3α)
42-Mo-91
Radionuclide Production Cross Section
37-Rb-82g
37-Rb-82m1
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
10^0
10^1
10^2
Incident Energy (MeV)
29
42-Mo-91


MAT 4223
(t,2p)
42-Mo-91
Radionuclide Production Cross Section
41-Nb-92g
41-Nb-92m1
Cross Section (barns)
Incident Energy (MeV)
30
42-Mo-91


MAT 4223
(t,p) α
42-Mo-91
Radionuclide Production Cross Section
40-Zr-89g
40-Zr-89m1
Cross Section (barns)
Incident Energy (MeV)
31
42-Mo-91


MAT 4223
(t,p) d
42-Mo-91
Radionuclide Production Cross Section
41-Nb-91g
41-Nb-91m1
Cross Section (barns)
Incident Energy (MeV)
32
42-Mo-91


MAT 4223
(t,p) t
42-Mo-91
Radionuclide Production Cross Section
41-Nb-90g
41-Nb-90m2
Cross Section (barns)
Incident Energy (MeV)
33
42-Mo-91