Program EVALPLOT
(Version 2017-1)
by
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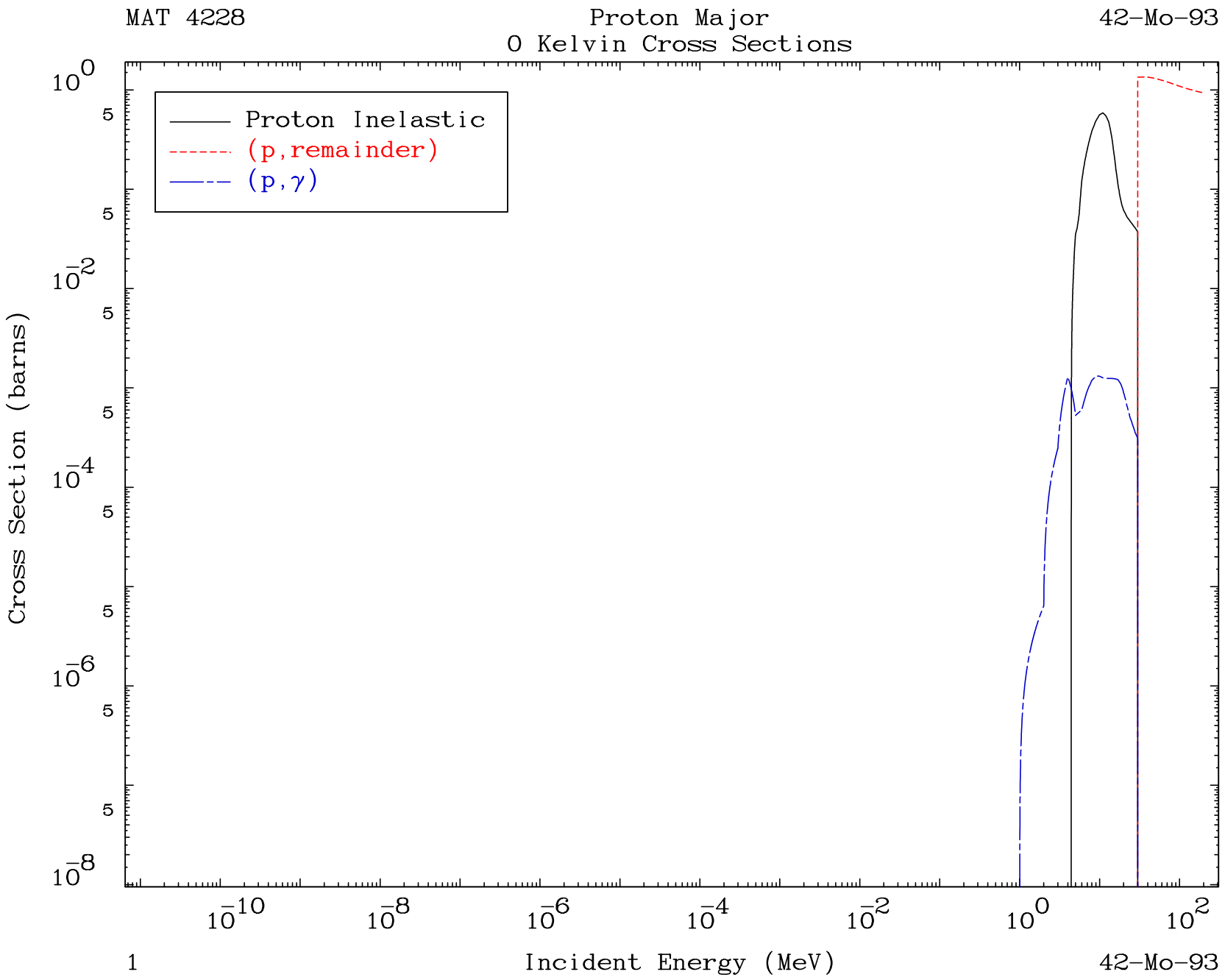
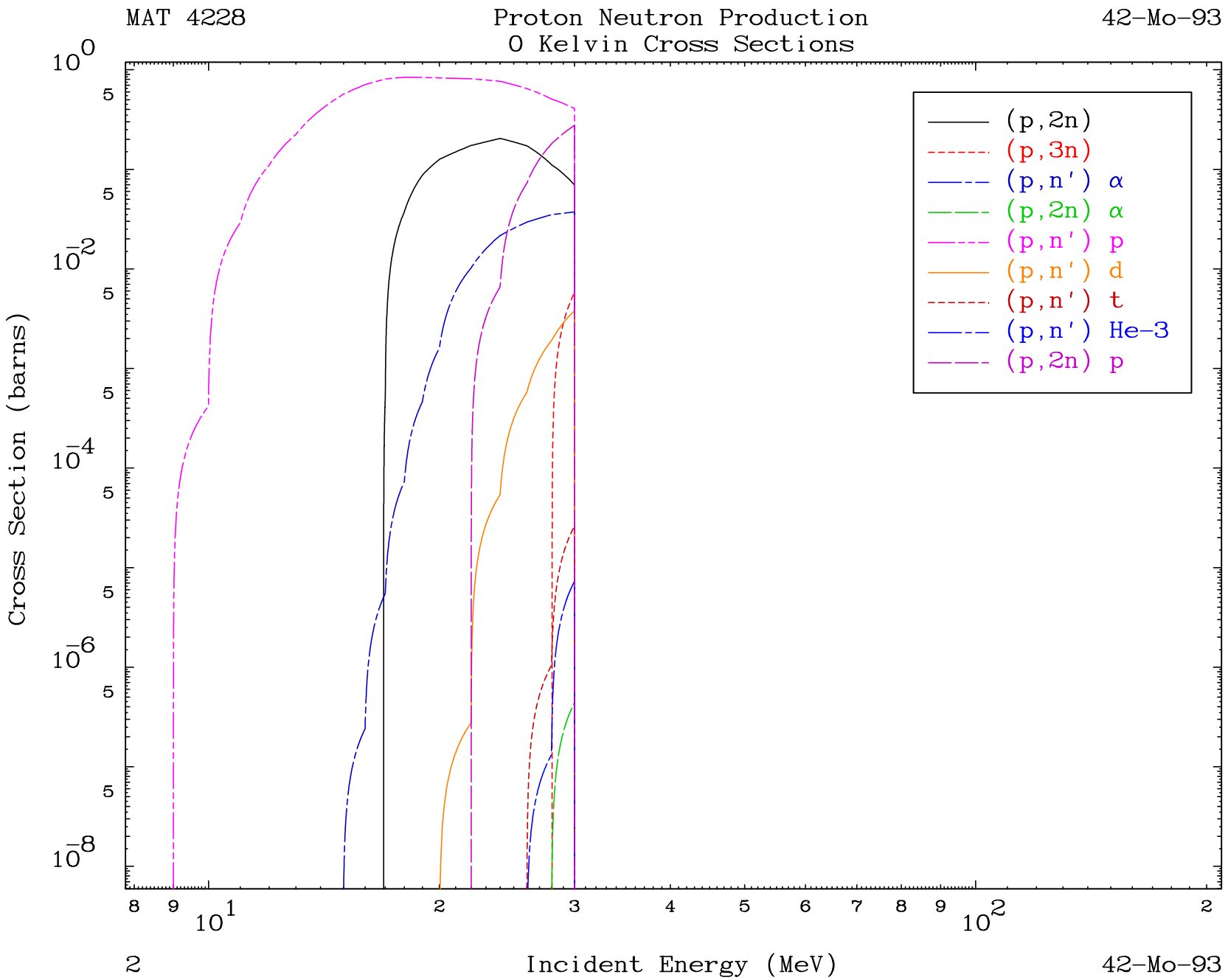
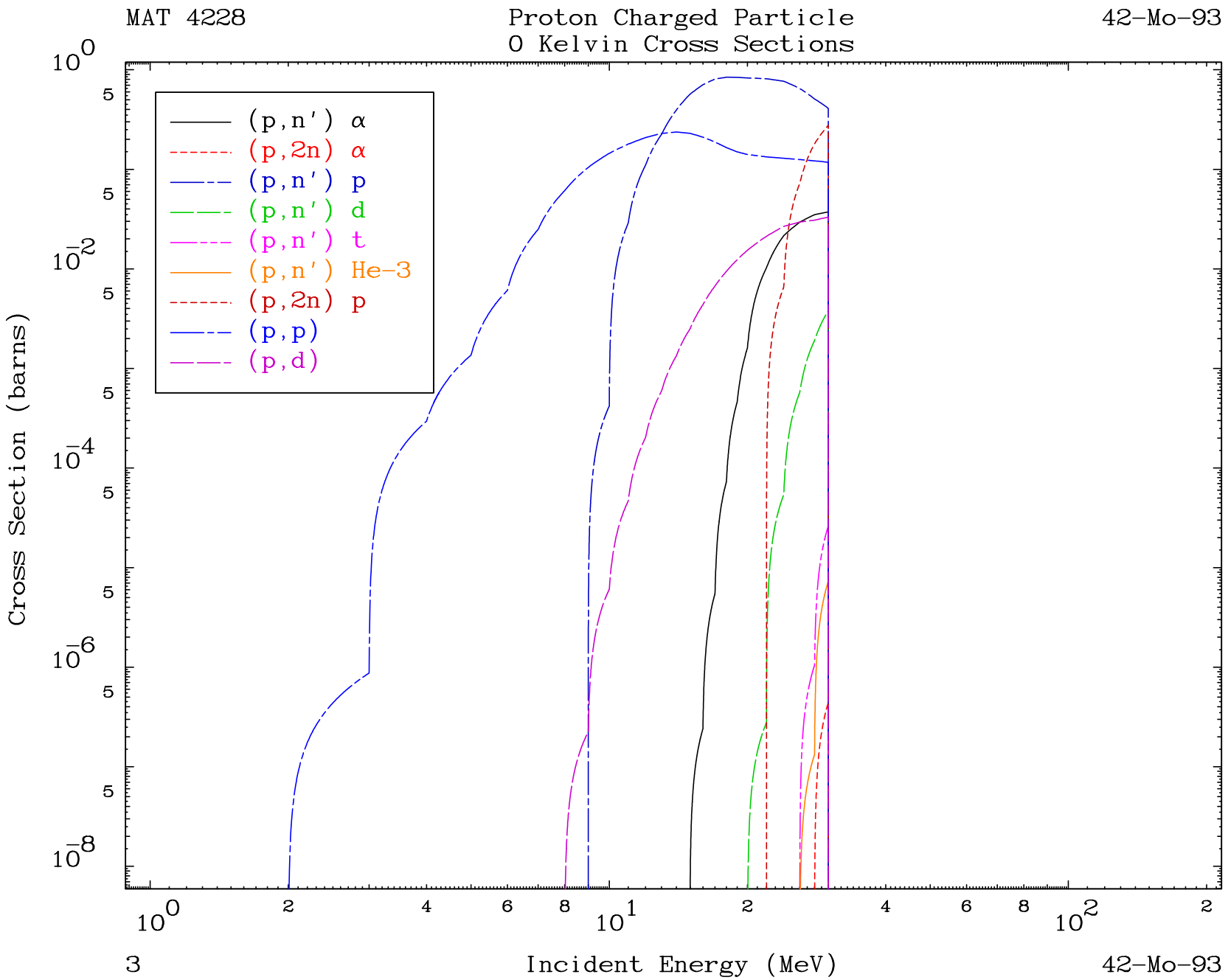
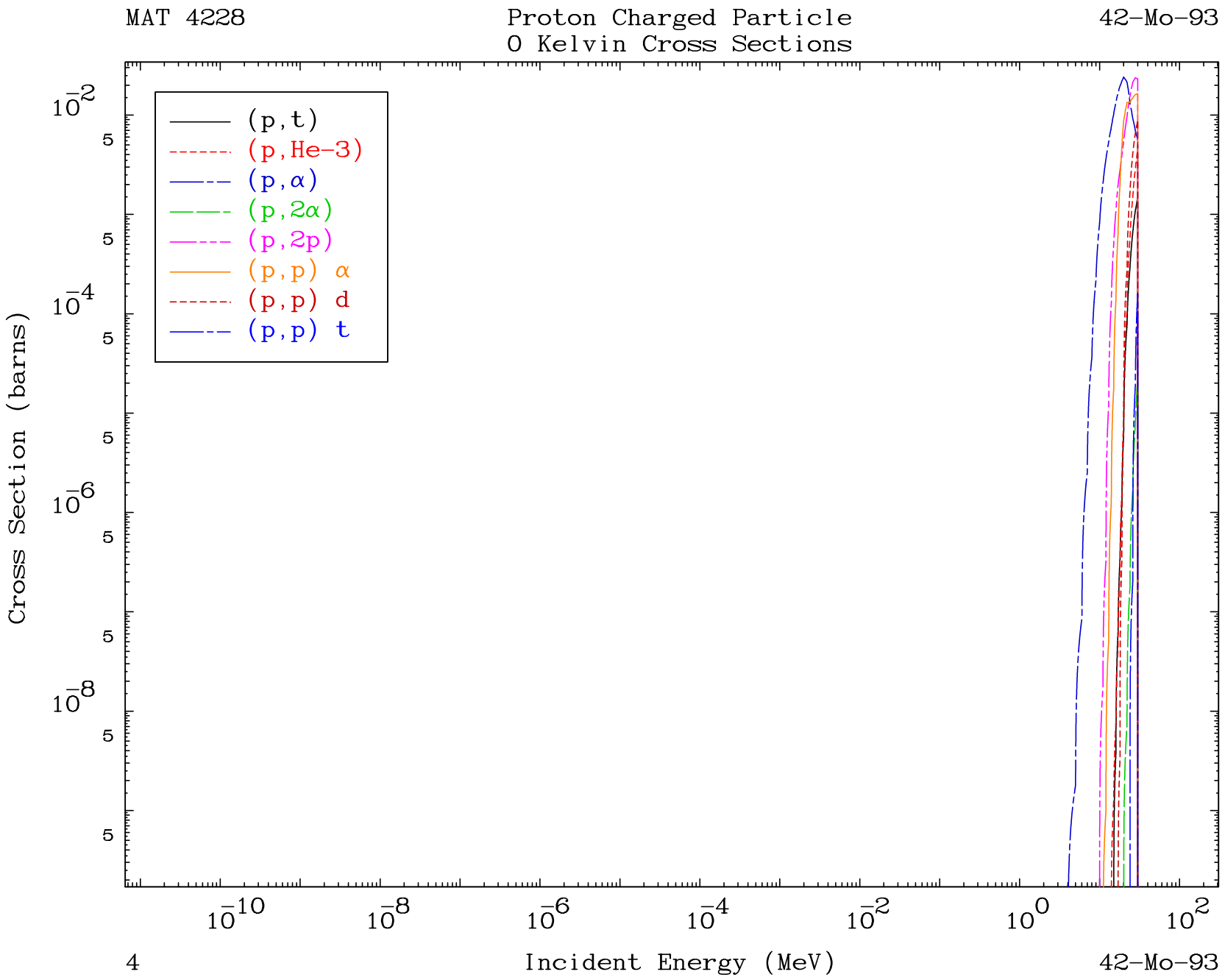
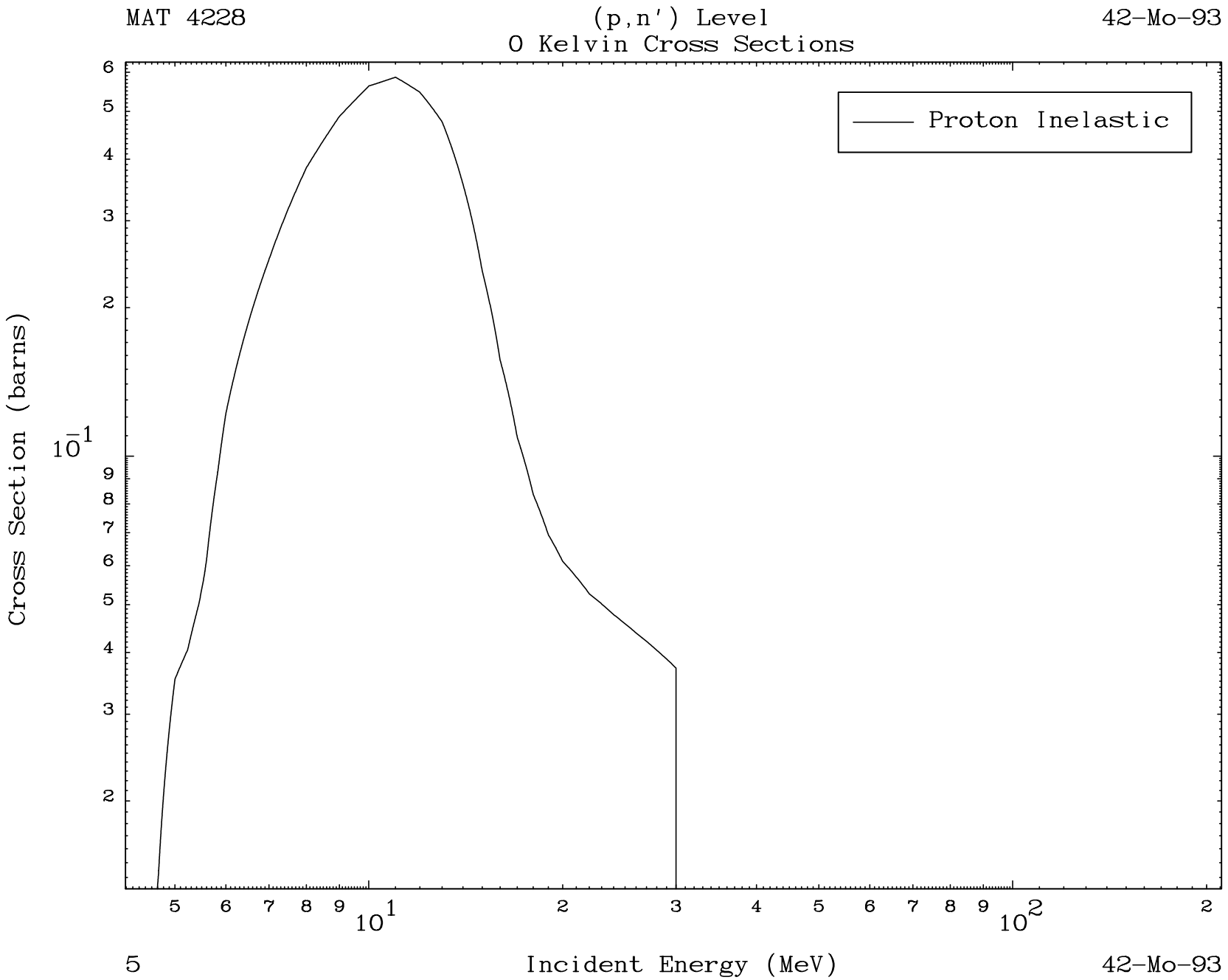
Press Mouse Button to Start

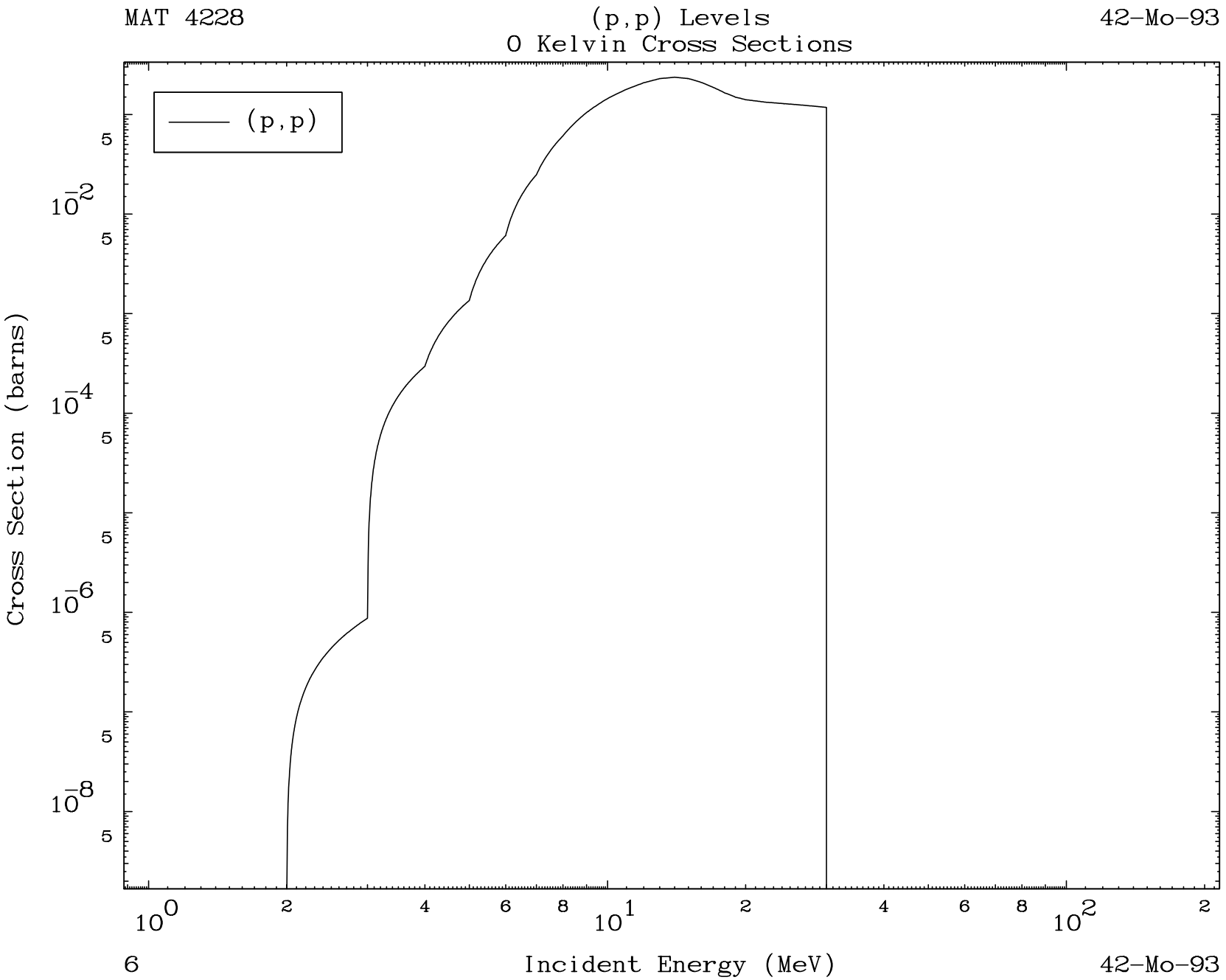

MAT 4228
Proton Major
42-Mo-93
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
1
42-Mo-93

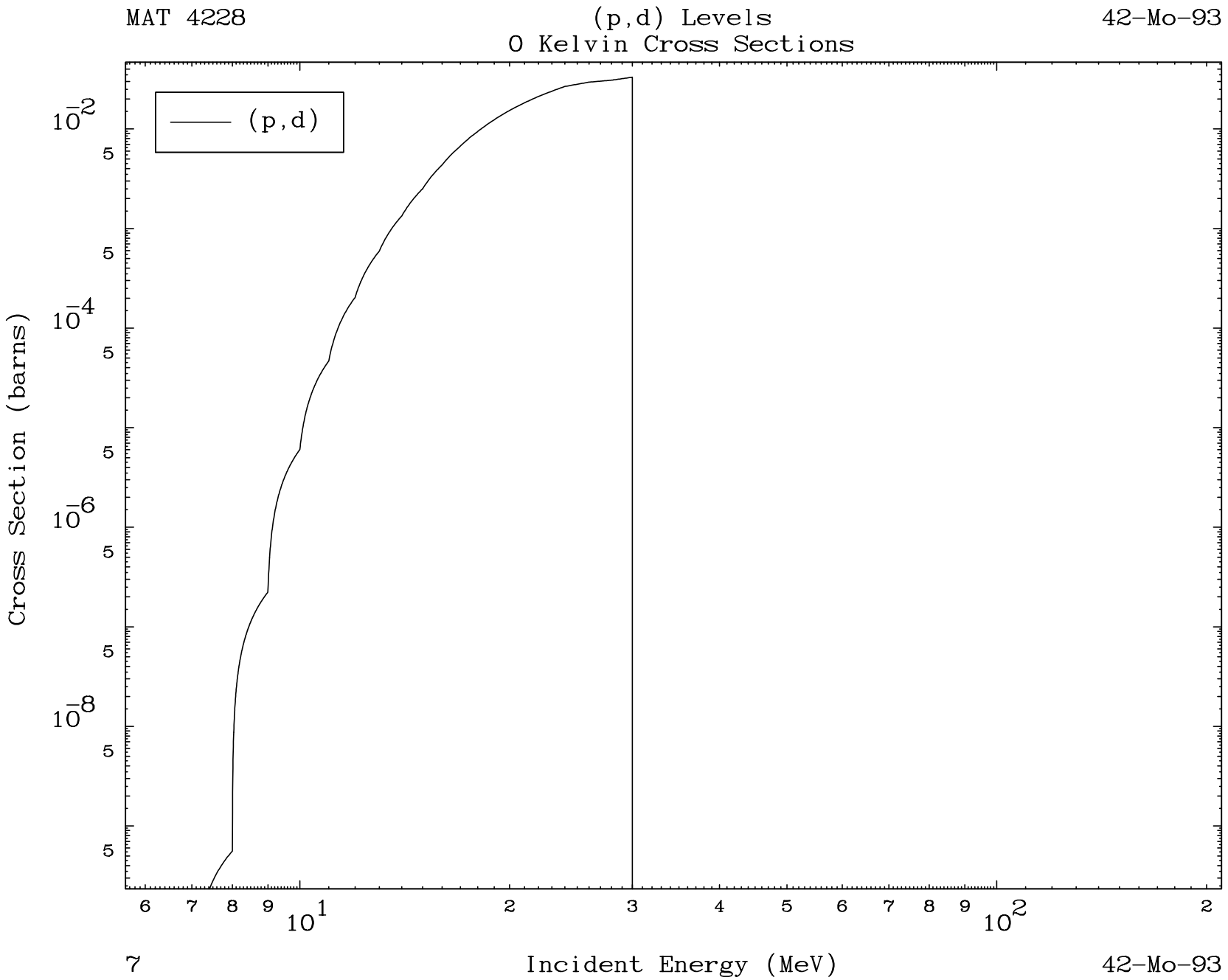

MAT 4228
Proton Neutron Production
0 Kelvin Cross Sections
42-Mo-93
Cross Section (barns)
Incident Energy (MeV)
42-Mo-93
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,n') p
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p

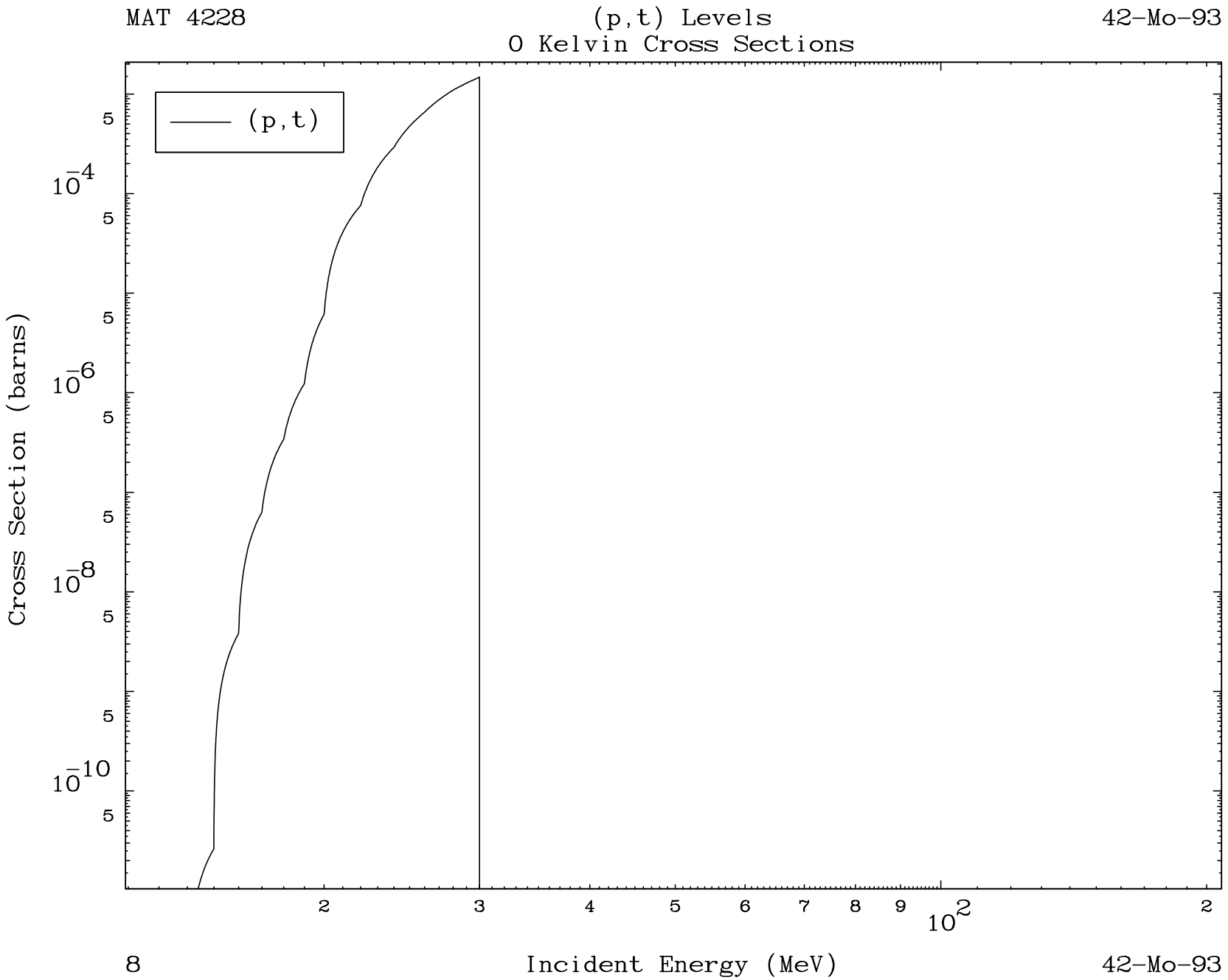

MAT 4228
Proton Charged Particle
0 Kelvin Cross Sections
42-Mo-93
(p,n') α
(p,2n) α
(p,n') p
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,p)
(p,d)
Cross Section (barns)
Incident Energy (MeV)
3
42-Mo-93

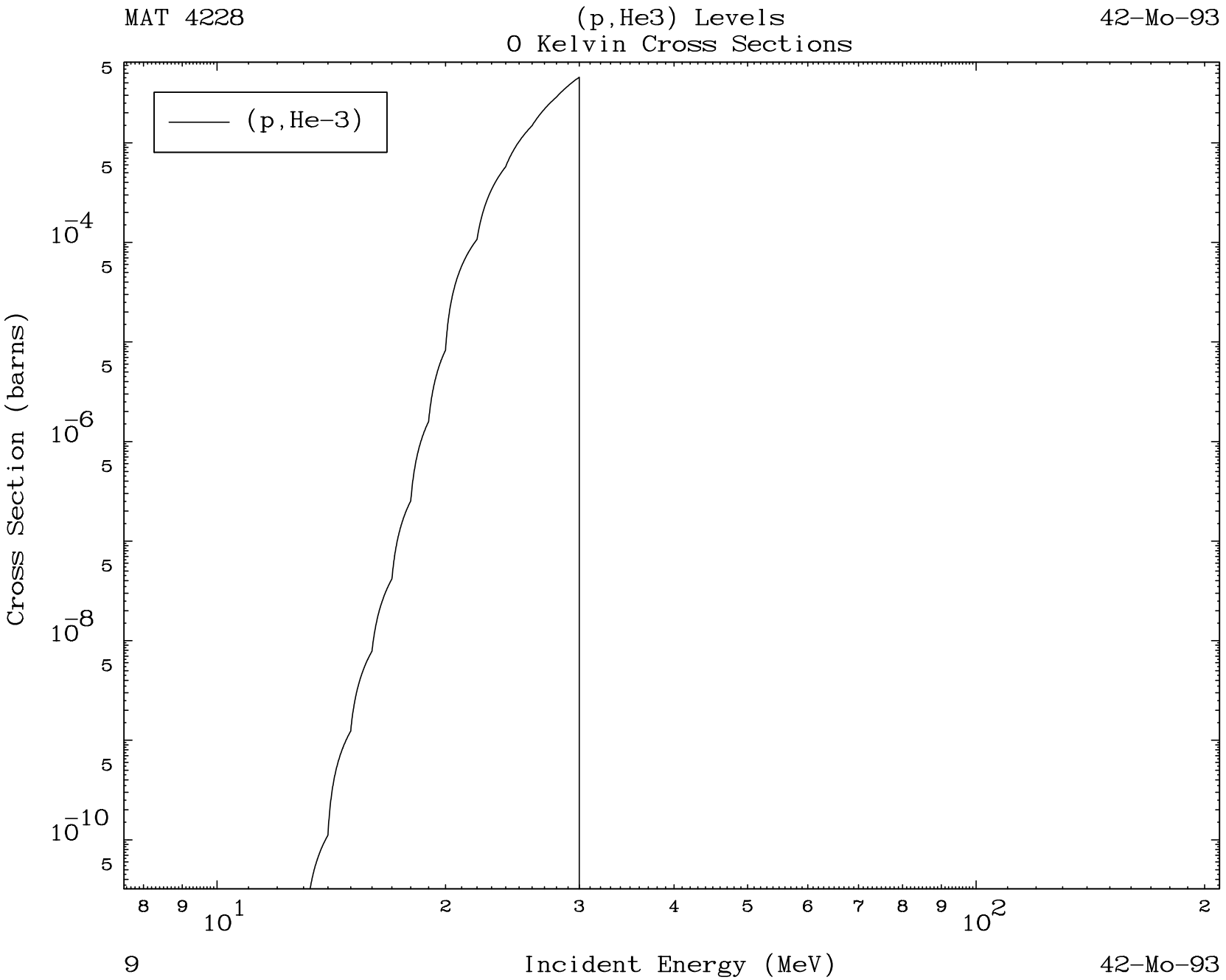

MAT 4228
Proton Charged Particle
0 Kelvin Cross Sections
42-Mo-93
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
4
42-Mo-93

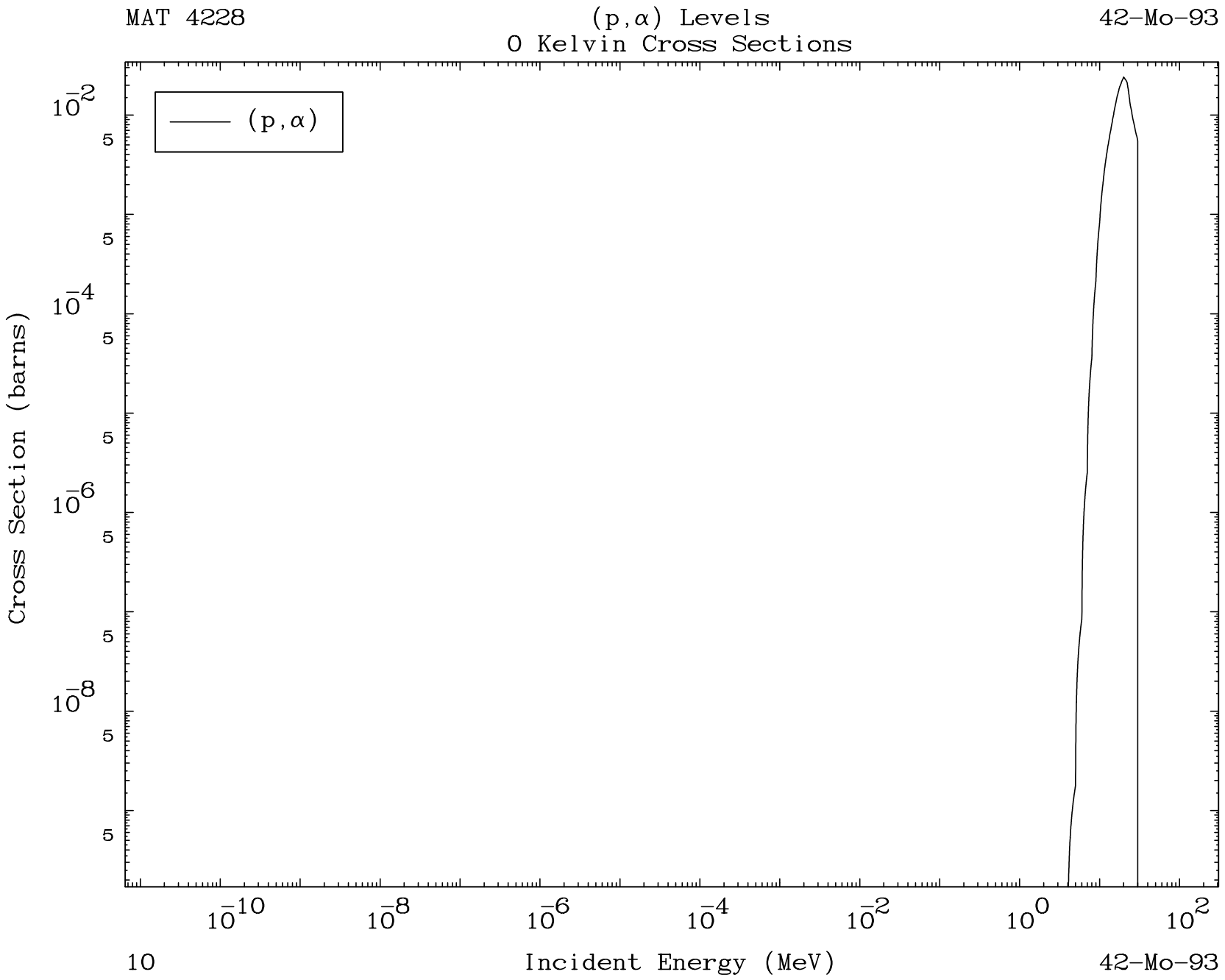

MAT 4228
(p,n') Level
42-Mo-93
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
Incident Energy (MeV)
42-Mo-93
5

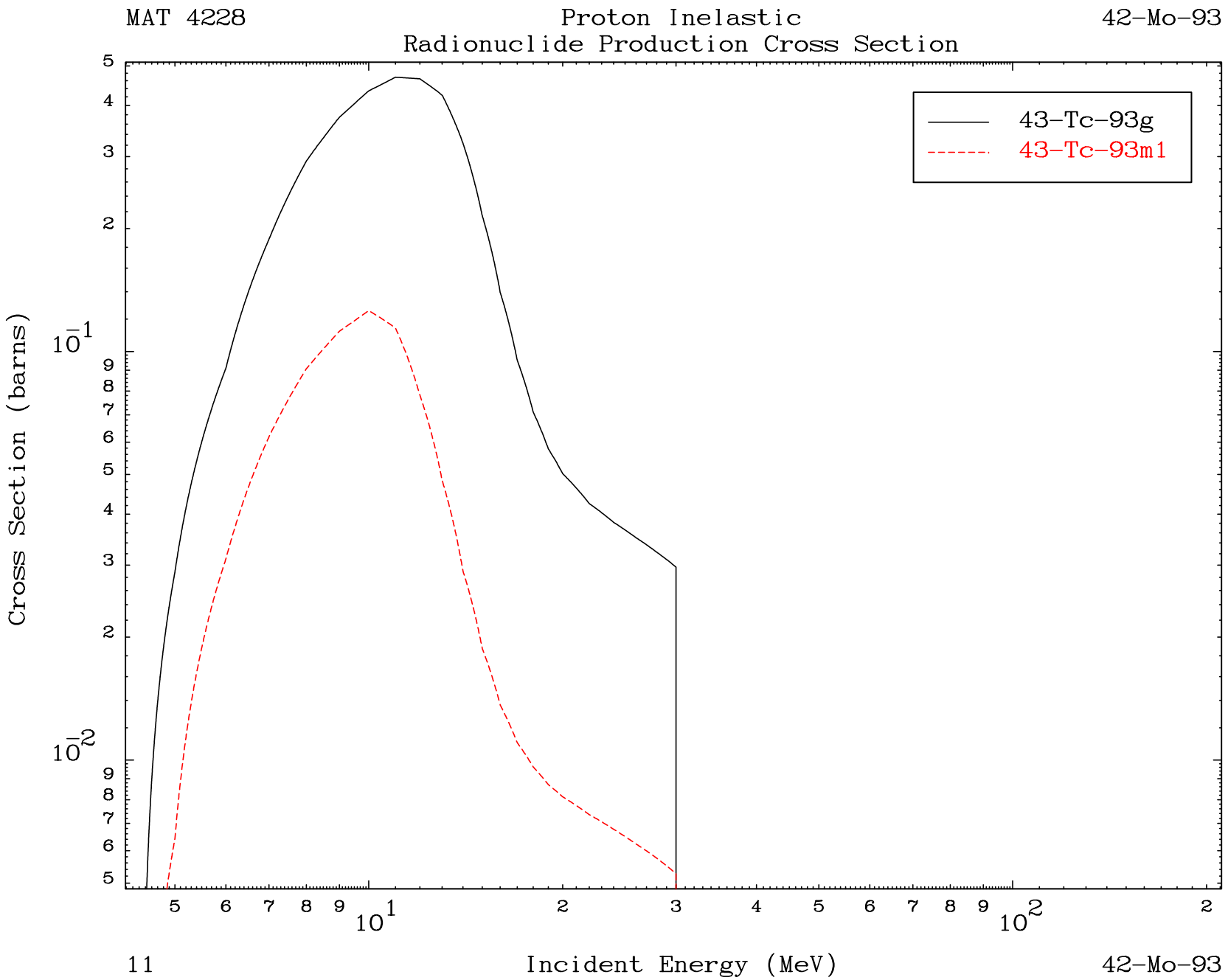

MAT 4228
(p,p) Levels
42-Mo-93
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
100
2
4
6
8
101
102
Incident Energy (MeV)
6
42-Mo-93

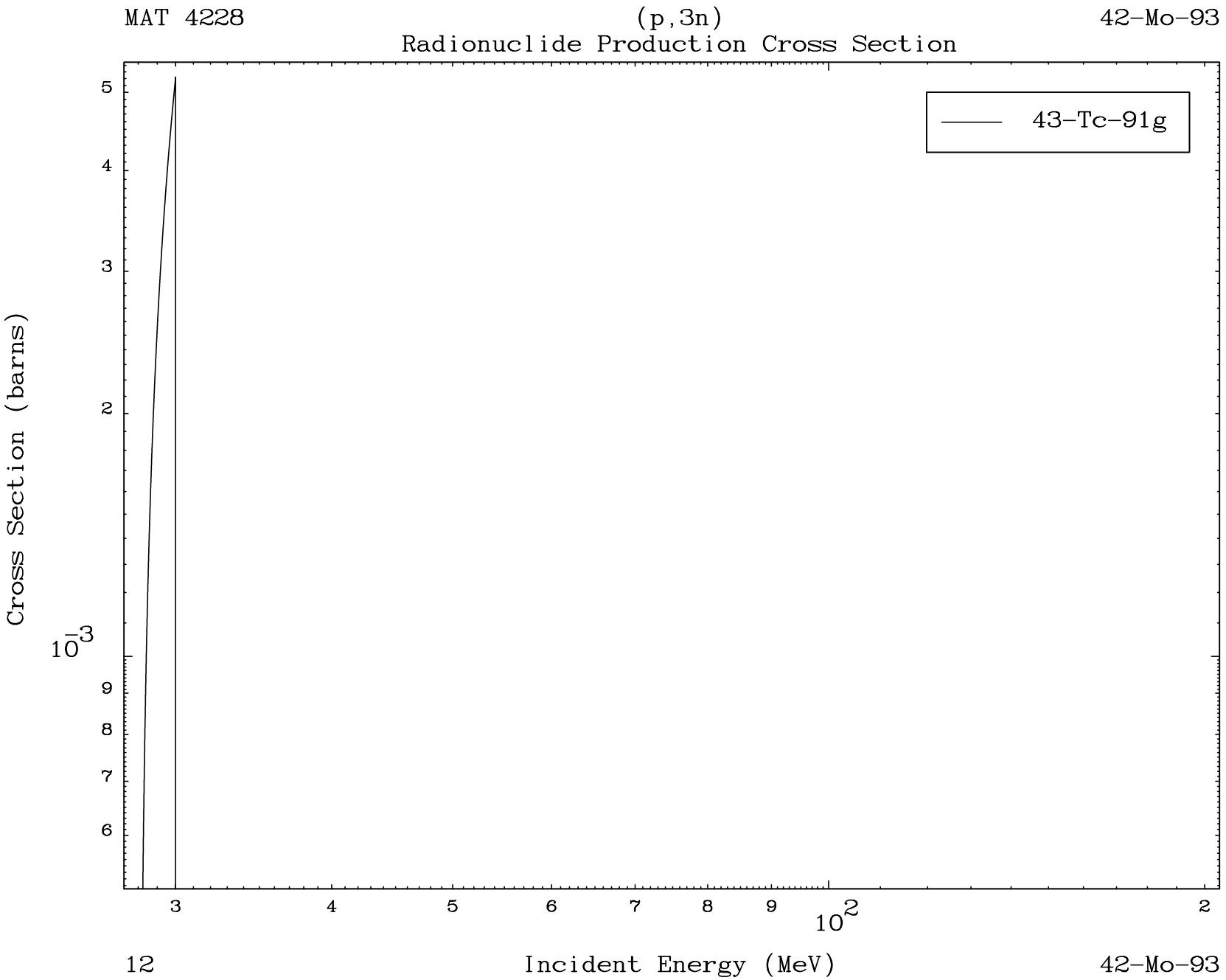

MAT 4228
(p,d) Levels
42-Mo-93
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
Incident Energy (MeV)
7
42-Mo-93

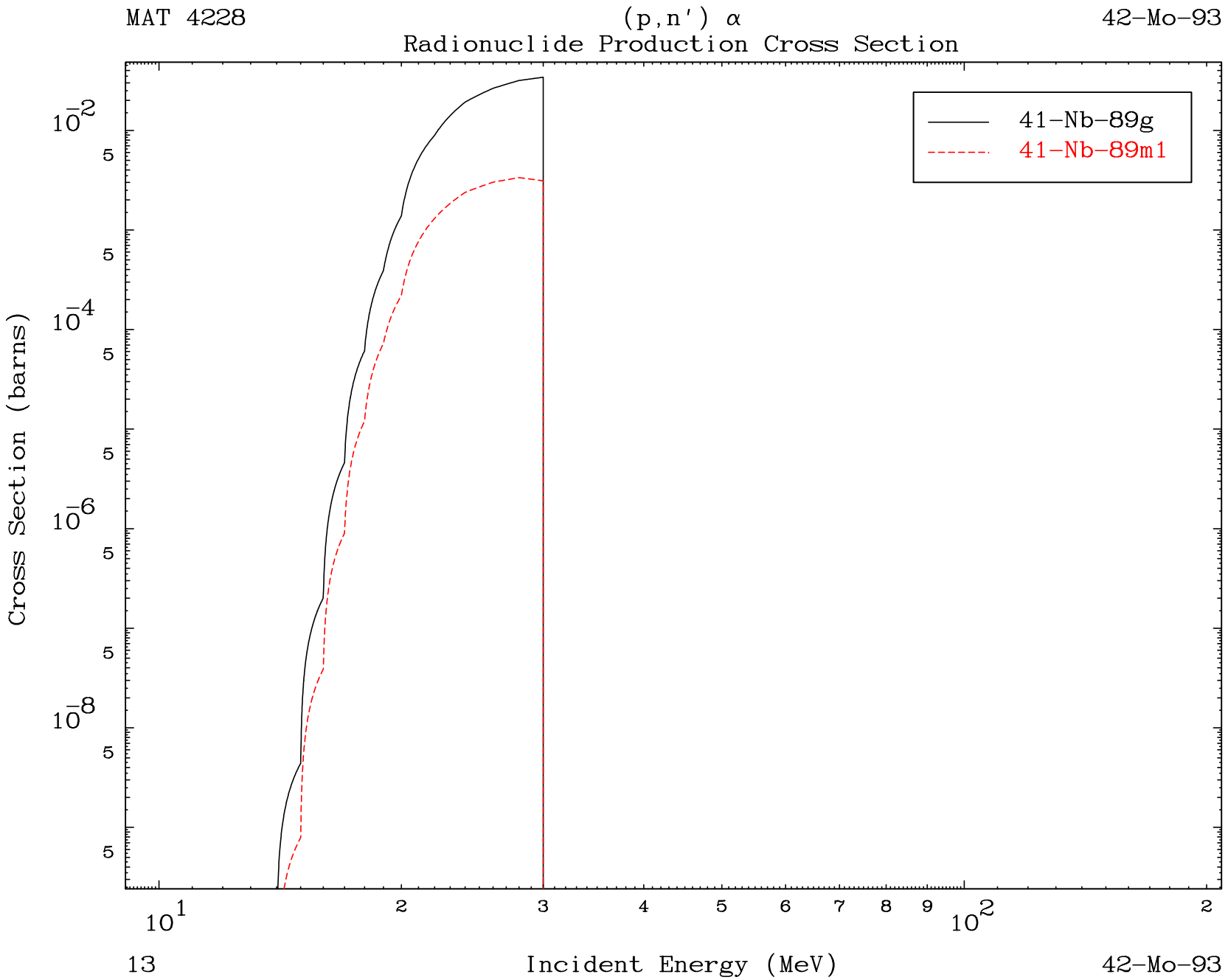

MAT 4228
(p,t) Levels
42-Mo-93
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
8
Incident Energy (MeV)
42-Mo-93

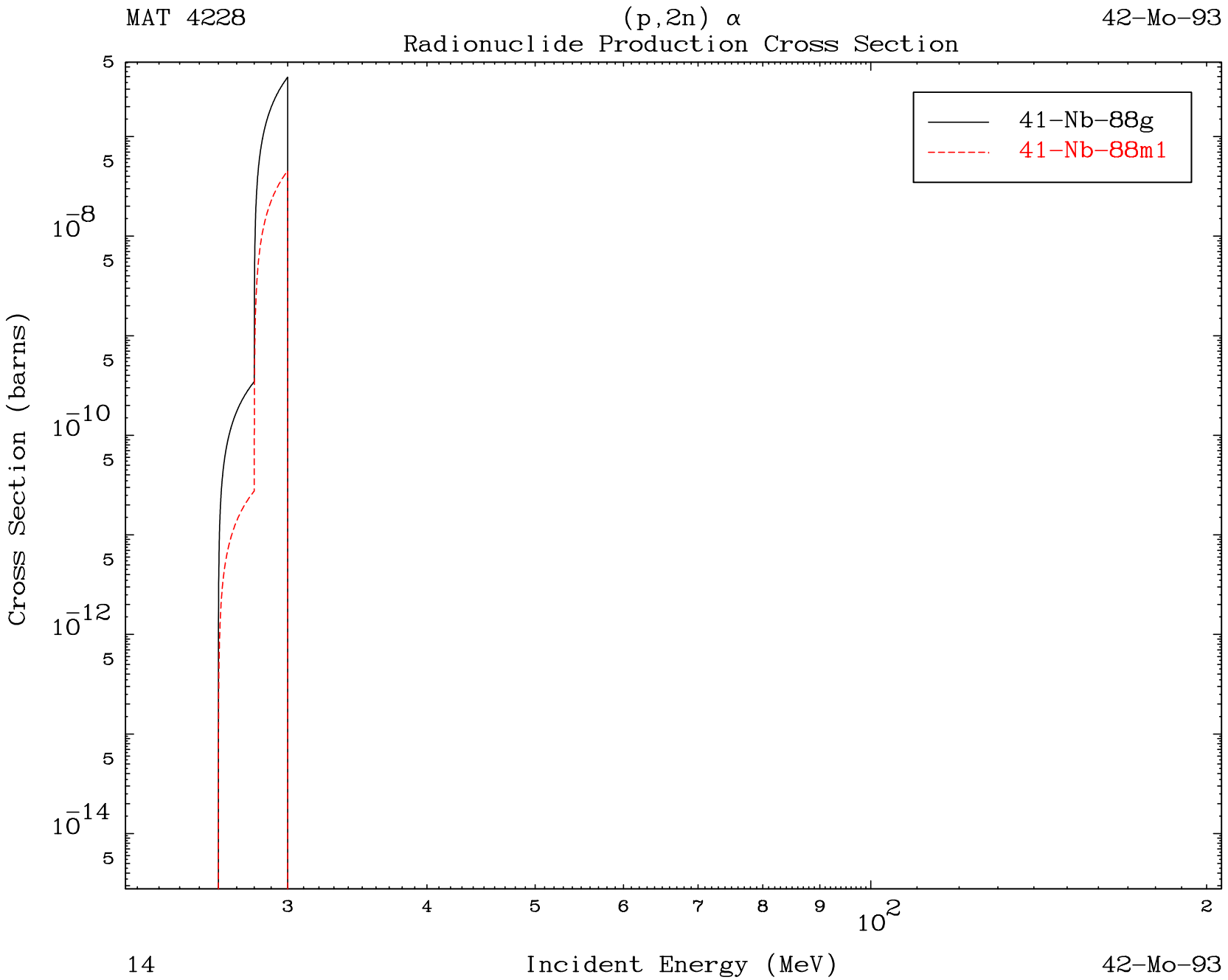

MAT 4228
(p,He3) Levels
42-Mo-93
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
42-Mo-93

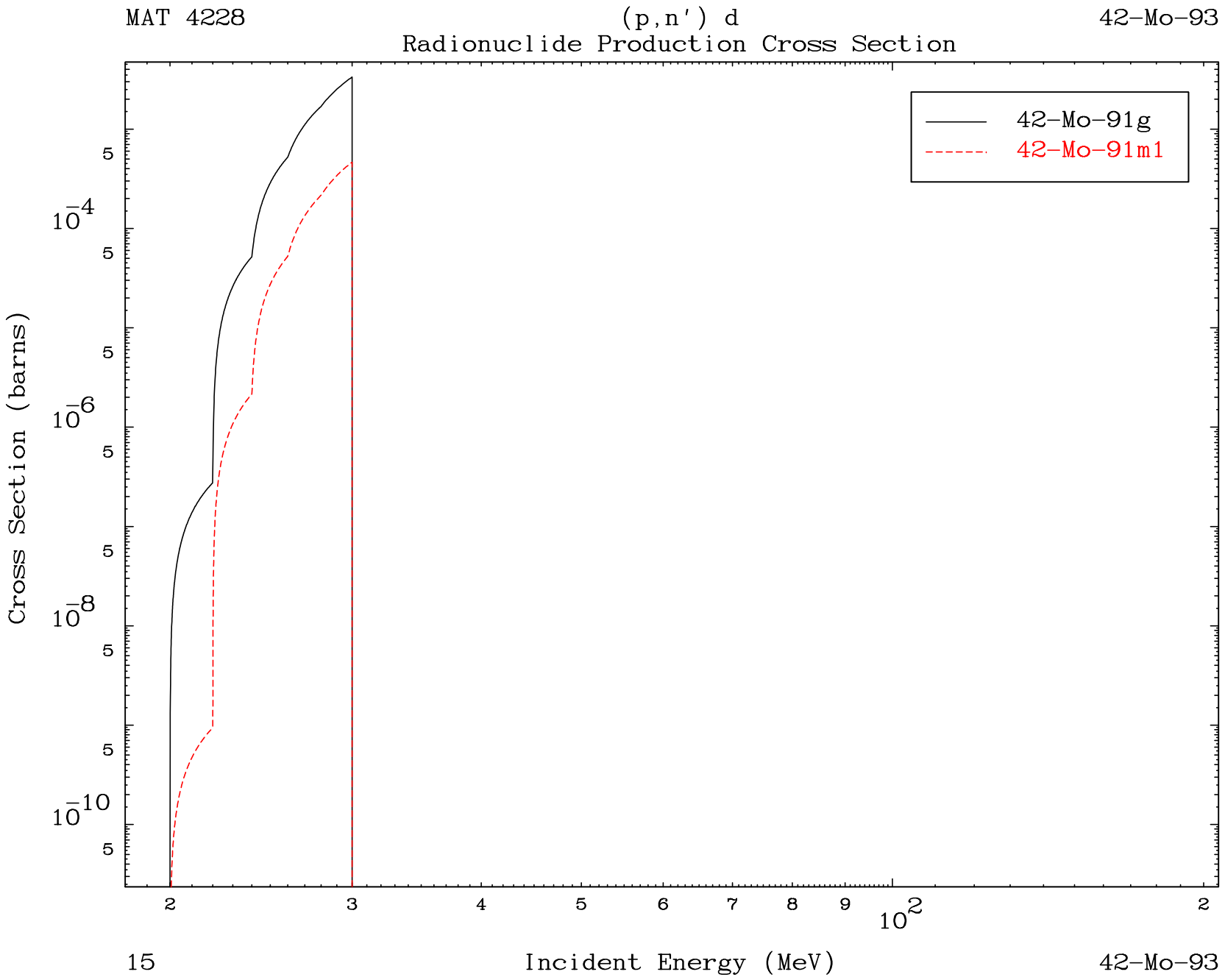

MAT 4228
(p,α) Levels
42-Mo-93
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
10
42-Mo-93

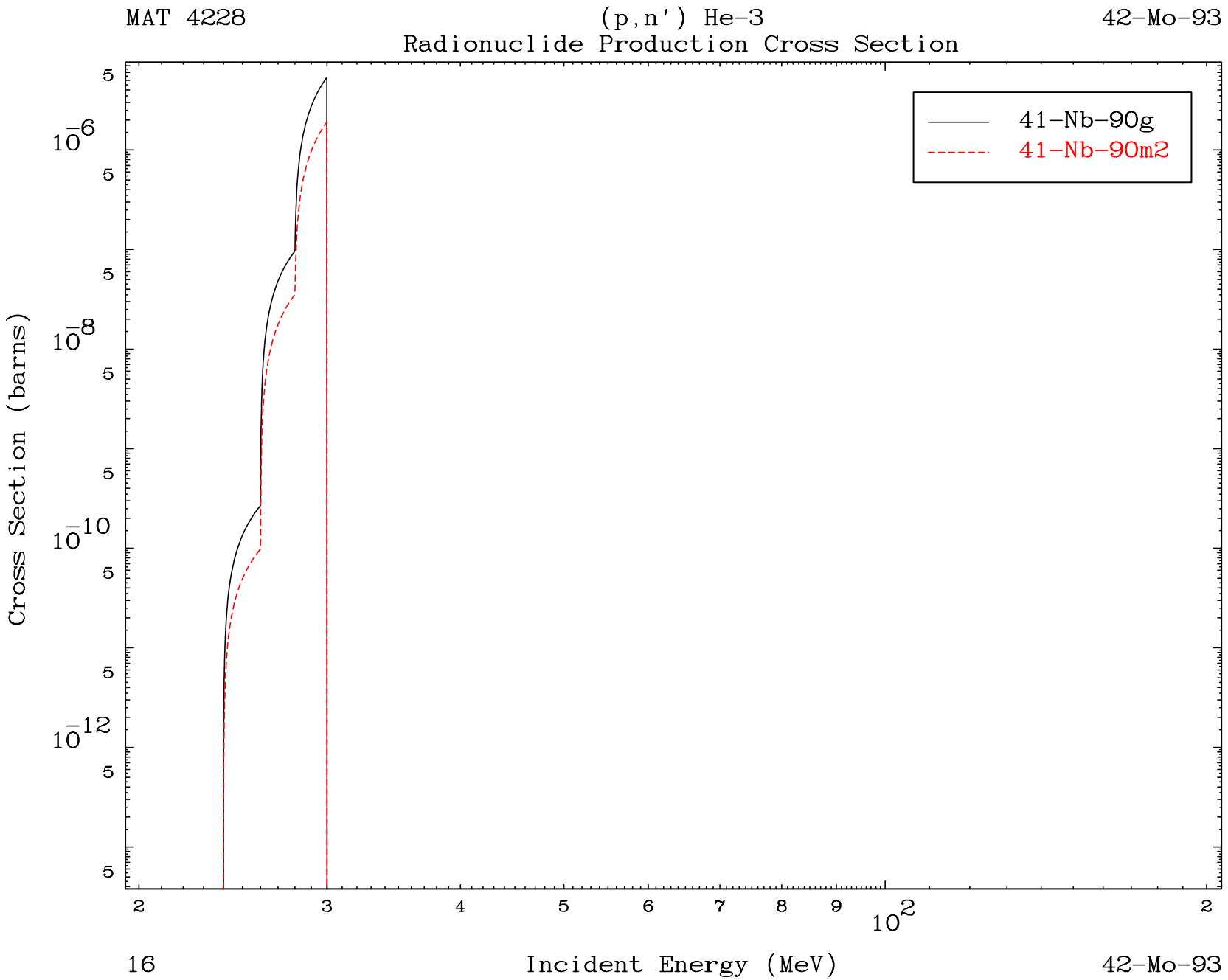

MAT 4228
Proton Inelastic
42-Mo-93
Radionuclide Production Cross Section
43-Tc-93g
43-Tc-93m1
Cross Section (barns)
Incident Energy (MeV)
11
42-Mo-93

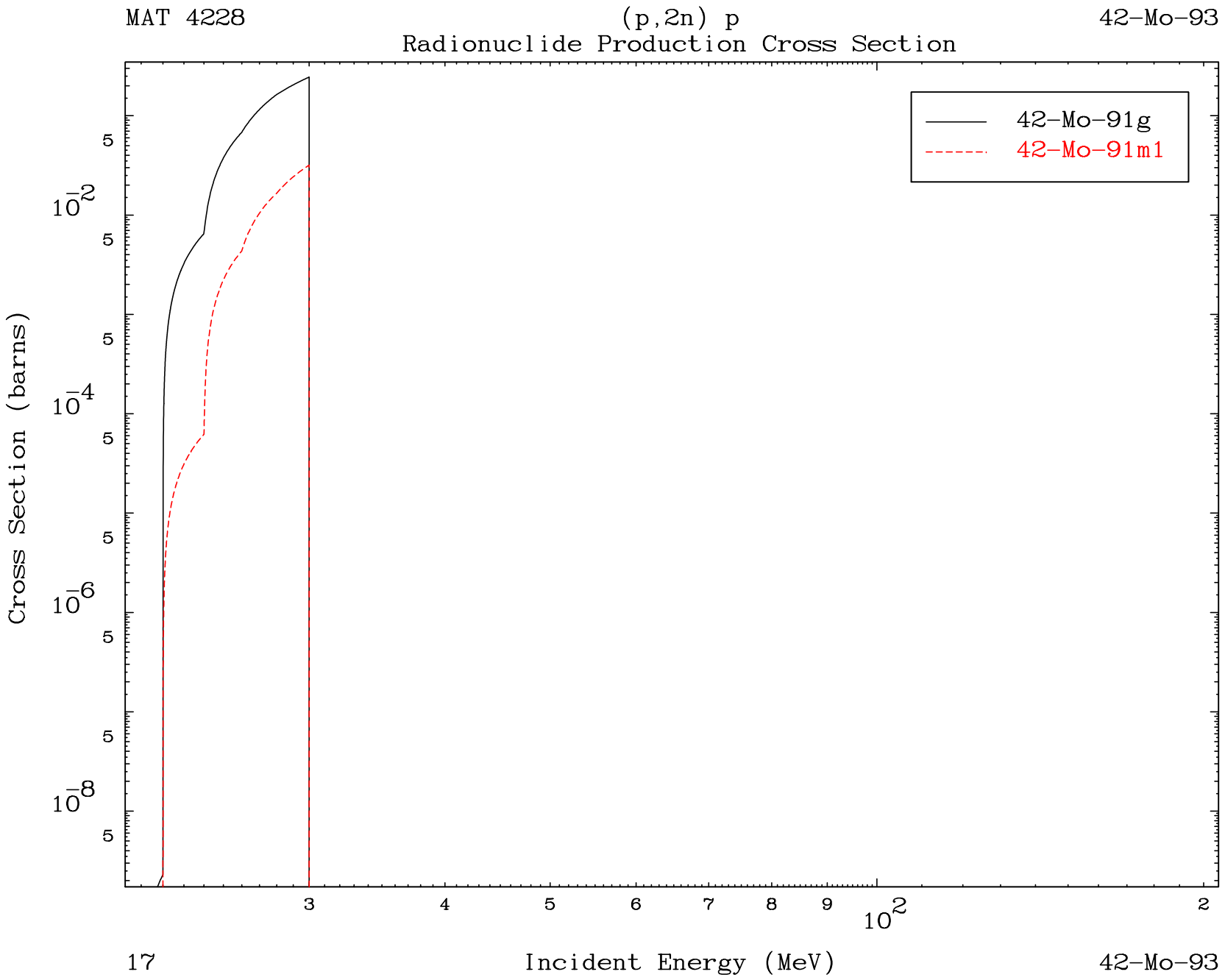

MAT 4228
(p,3n)
42-Mo-93
Radionuclide Production Cross Section
43-Tc-91g
Cross Section (barns)
10-3
5
4
3
2
9
8
7
6
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
42-Mo-93

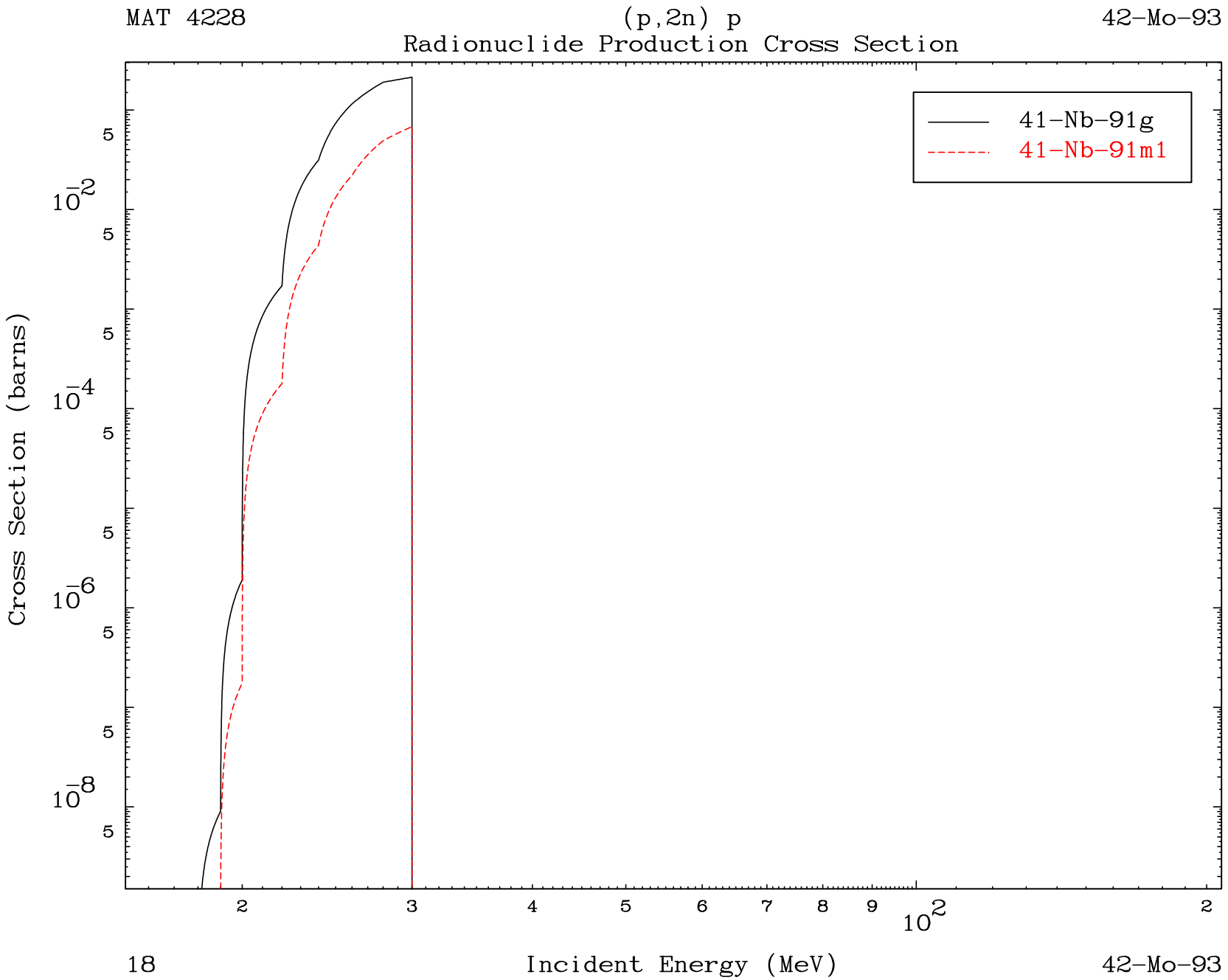

MAT 4228
(p,n') α
42-Mo-93
Radionuclide Production Cross Section
41-Nb-89g
41-Nb-89m1
Cross Section (barns)
Incident Energy (MeV)
13
42-Mo-93

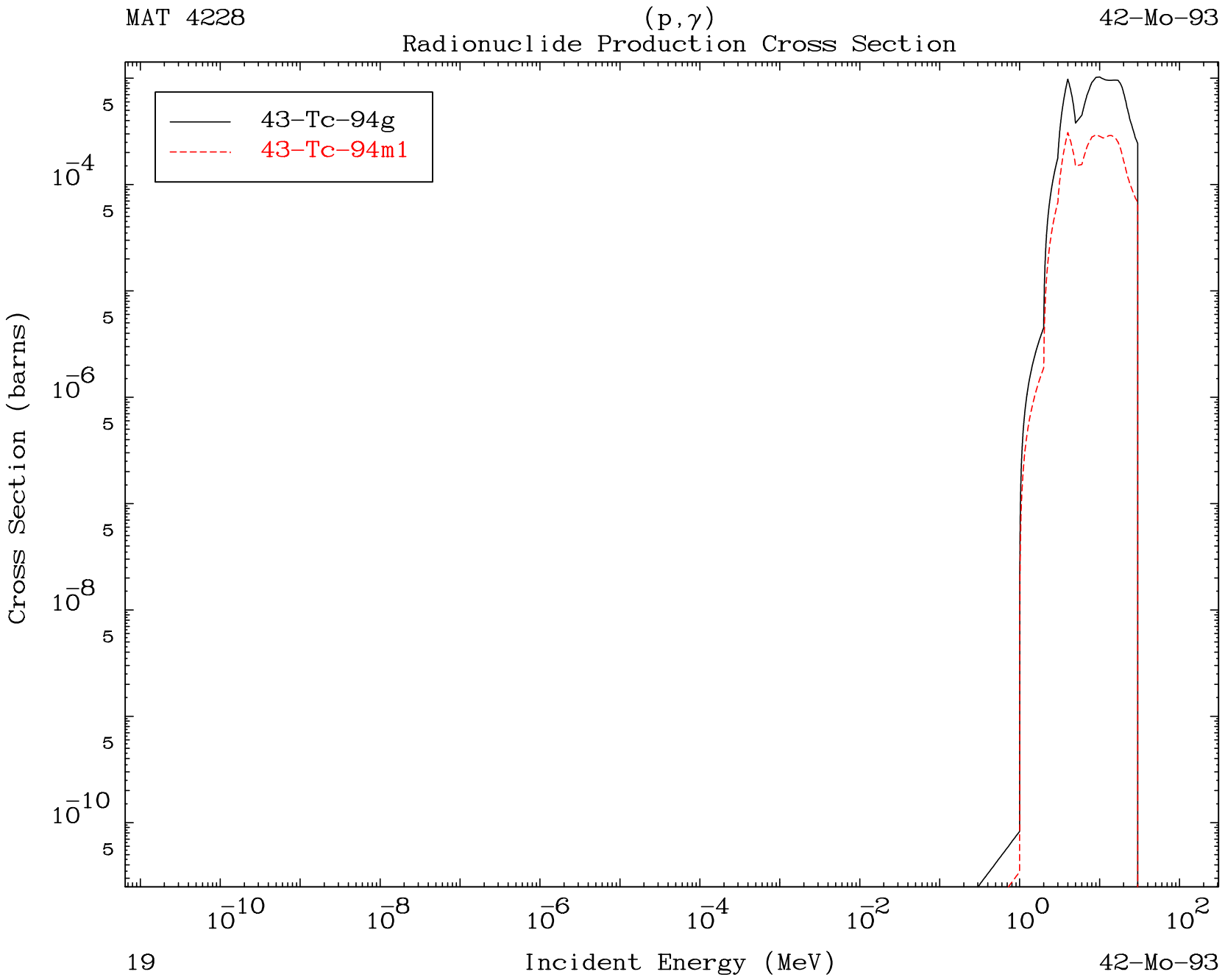

MAT 4228
(p,2n) α
42-Mo-93
Radionuclide Production Cross Section
41-Nb-88g
41-Nb-88m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
42-Mo-93

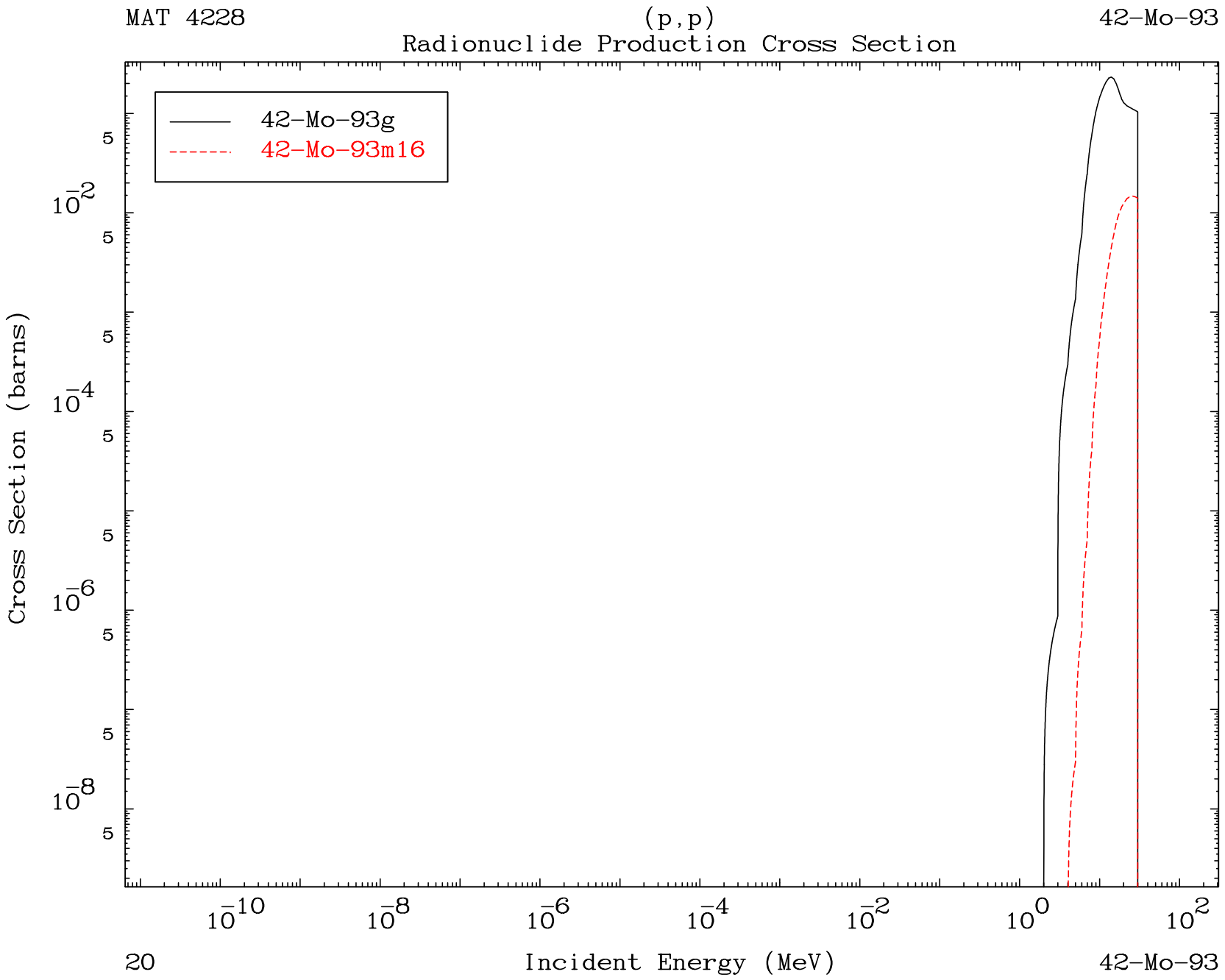

MAT 4228
(p,n') d
42-Mo-93
Radionuclide Production Cross Section
42-Mo-91g
42-Mo-91m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
42-Mo-93

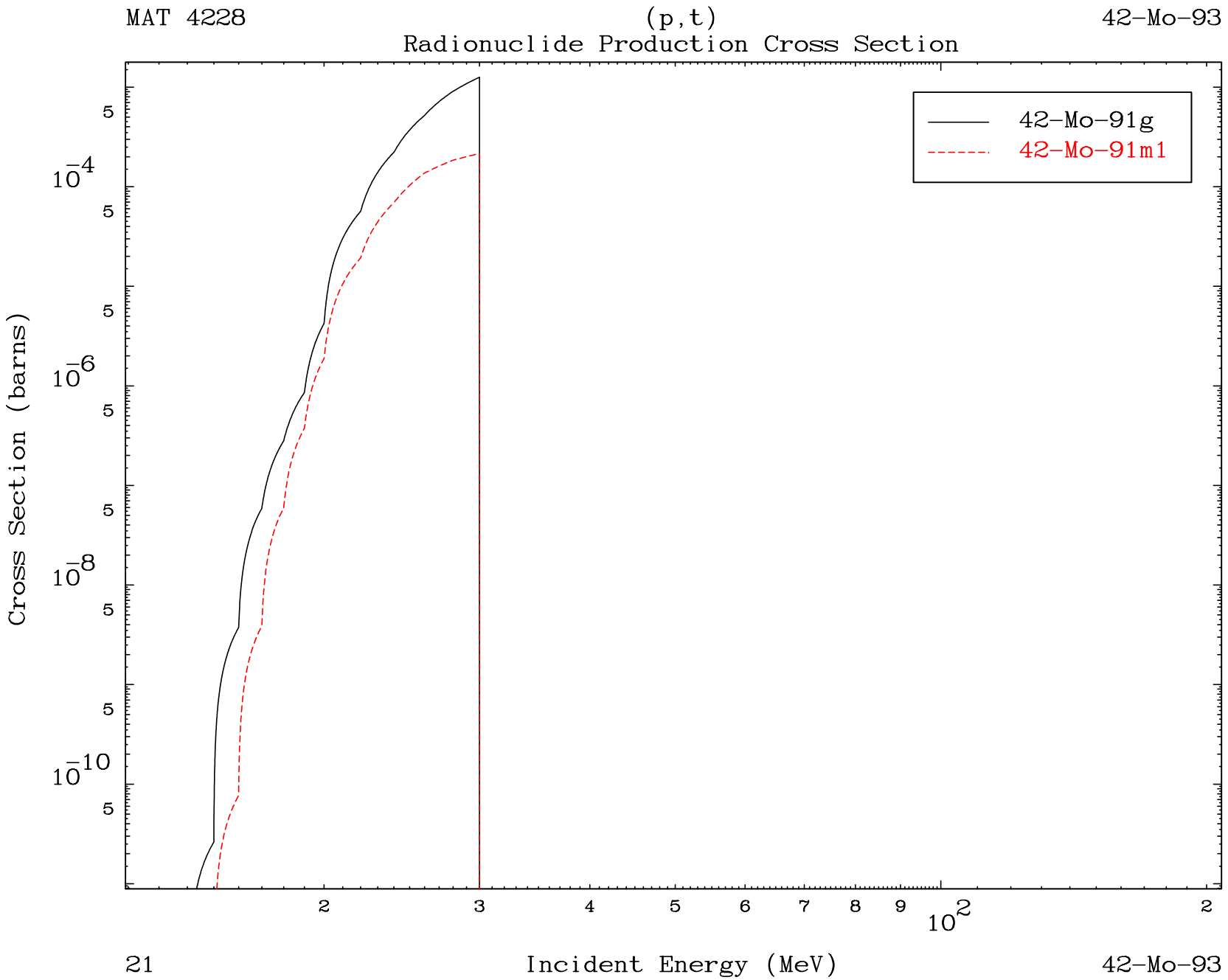

MAT 4228
(p,n') He-3
42-Mo-93
Radionuclide Production Cross Section
41-Nb-90g
41-Nb-90m2
Cross Section (barns)
Incident Energy (MeV)
16
42-Mo-93

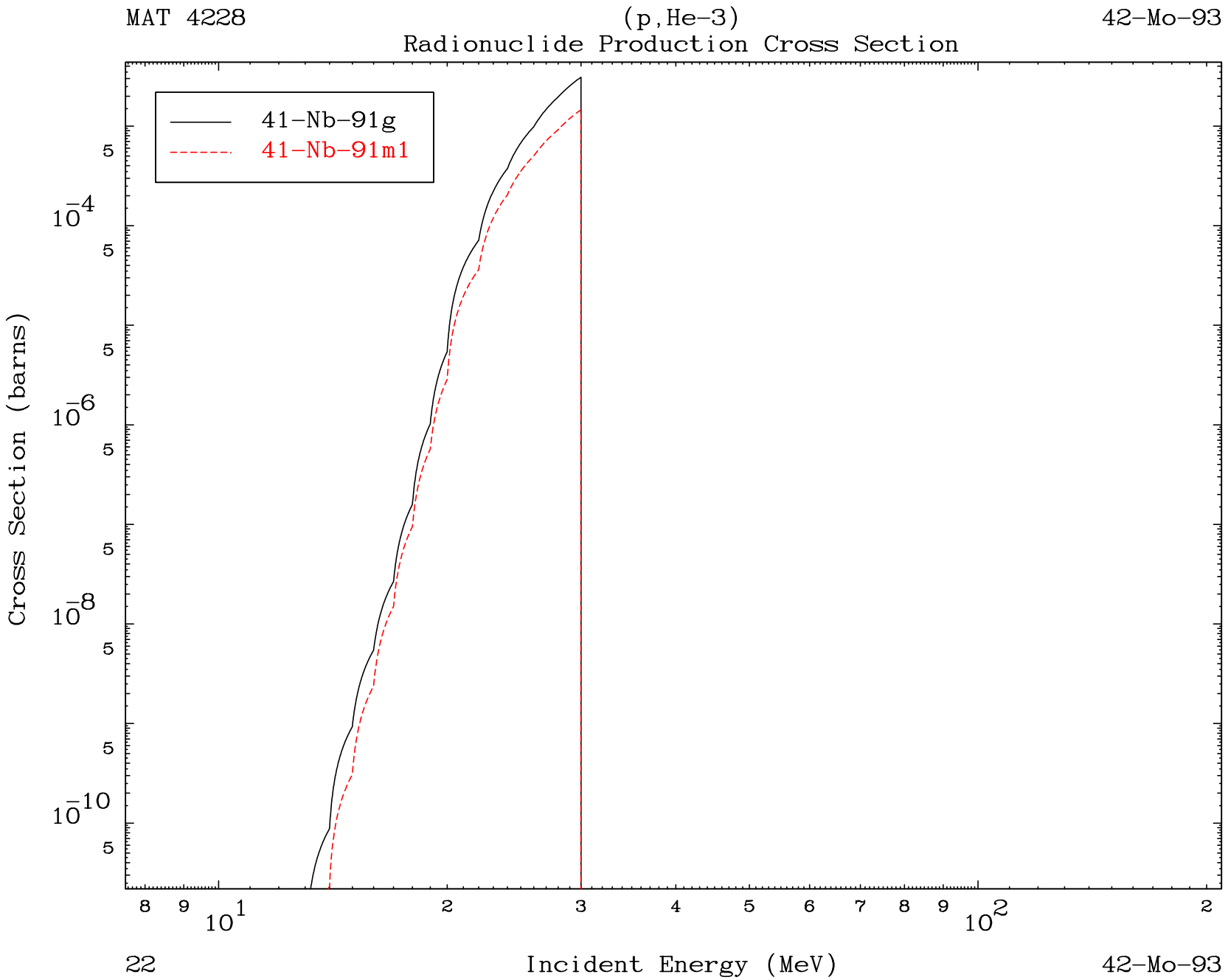

MAT 4228
(p,2n) p
42-Mo-93
Radionuclide Production Cross Section
42-Mo-91g
42-Mo-91m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
42-Mo-93

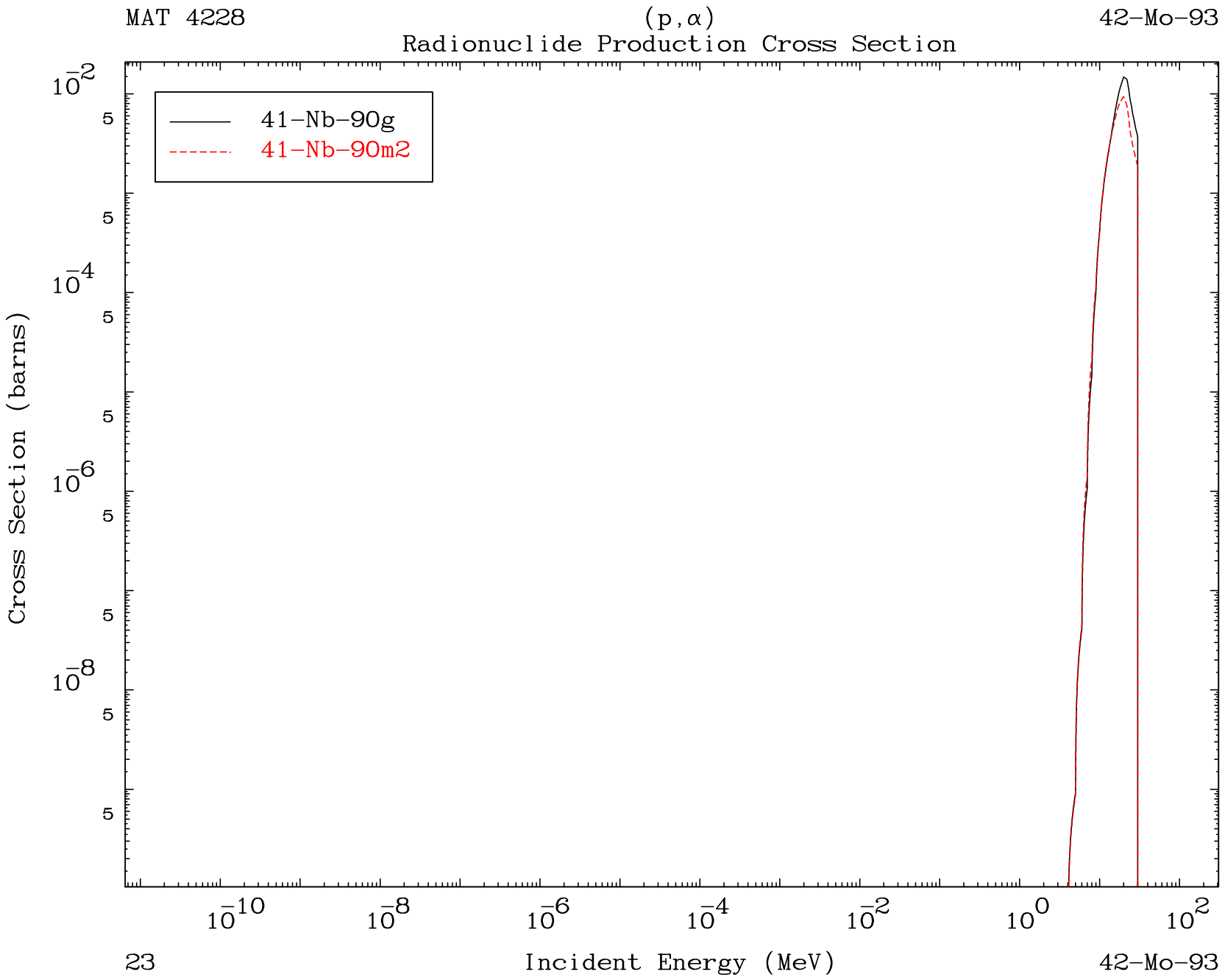

MAT 4228
(p,2n) p
42-Mo-93
Radionuclide Production Cross Section
41-Nb-91g
41-Nb-91m1
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10 2
2
18
Incident Energy (MeV)
42-Mo-93

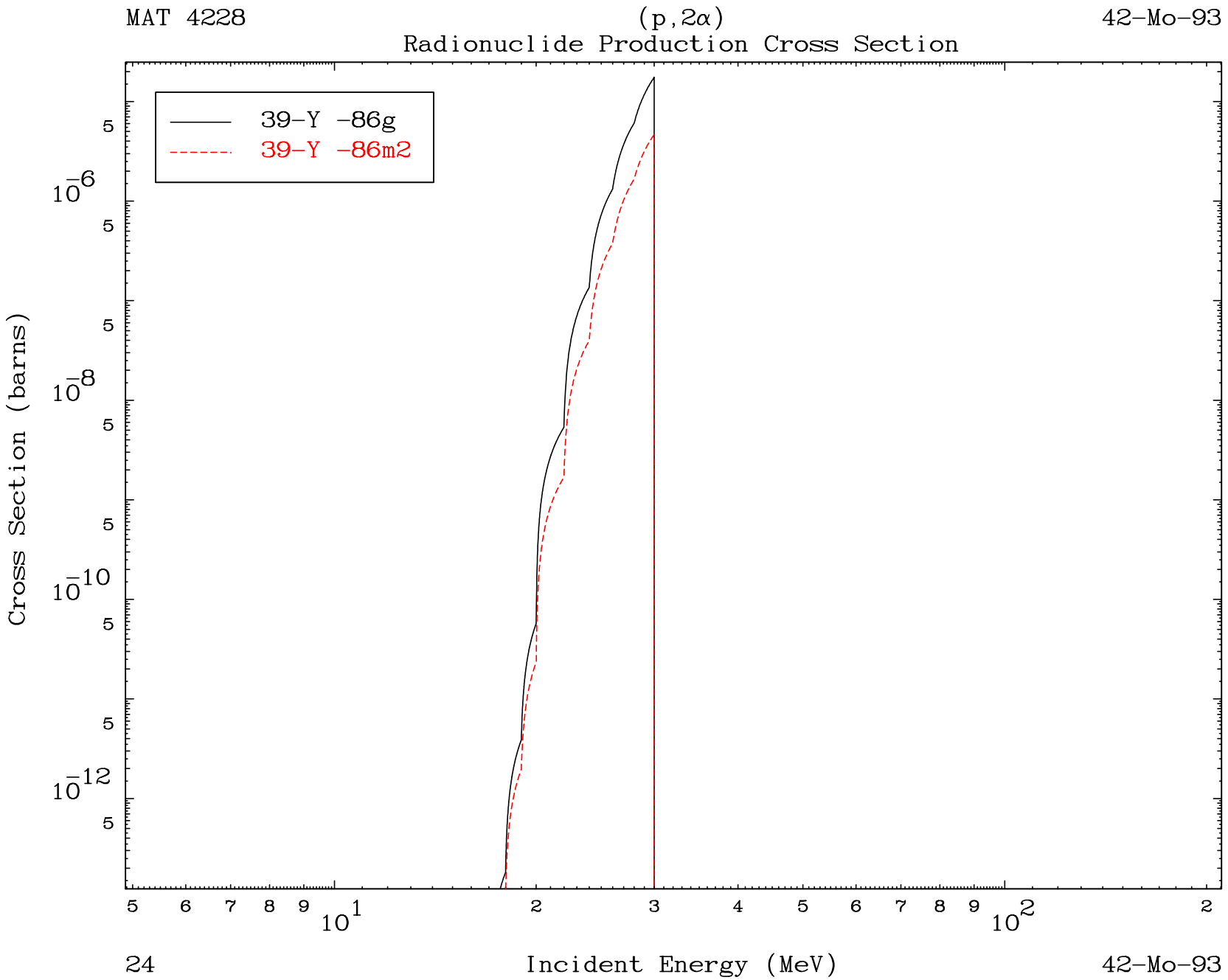

MAT 4228
(p,γ)
42-Mo-93
Radionuclide Production Cross Section
43-Tc-94g
43-Tc-94m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
19
Incident Energy (MeV)
42-Mo-93

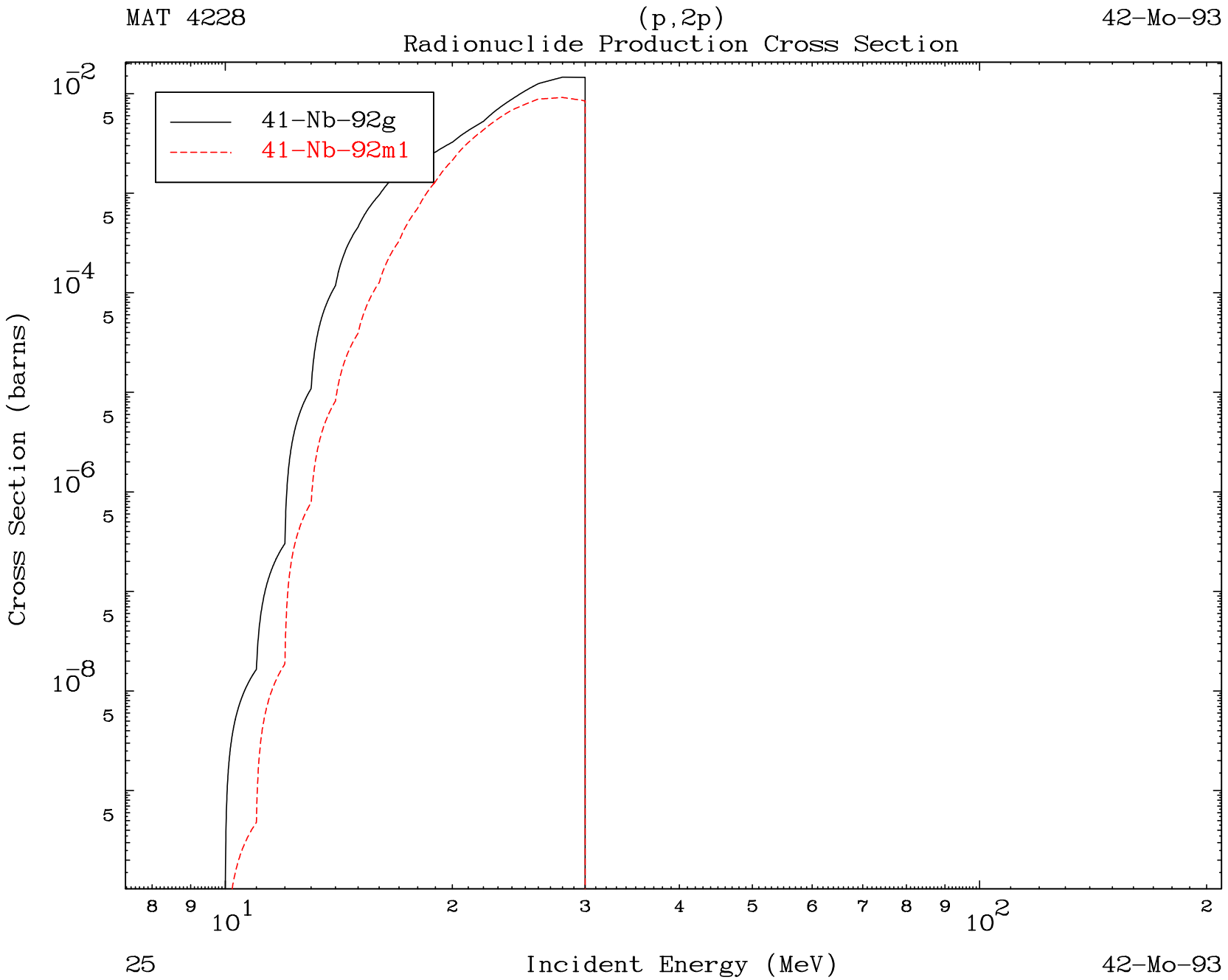

MAT 4228
(p,p)
42-Mo-93
Radionuclide Production Cross Section
42-Mo-93g
42-Mo-93m16
Cross Section (barns)
Incident Energy (MeV)
20
42-Mo-93

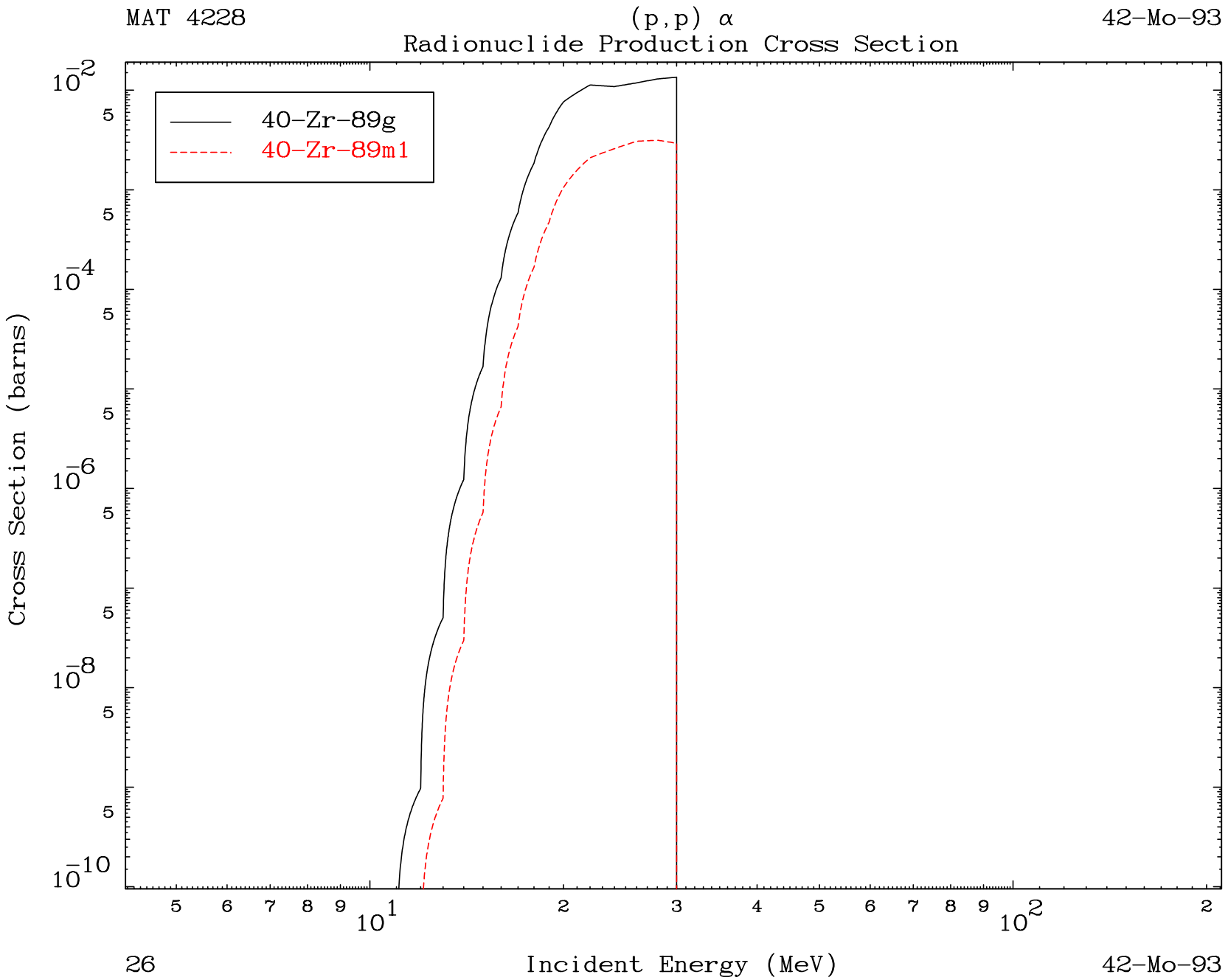

MAT 4228
(p,t)
42-Mo-93
Radionuclide Production Cross Section
42-Mo-91g
42-Mo-91m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
21
Incident Energy (MeV)
42-Mo-93

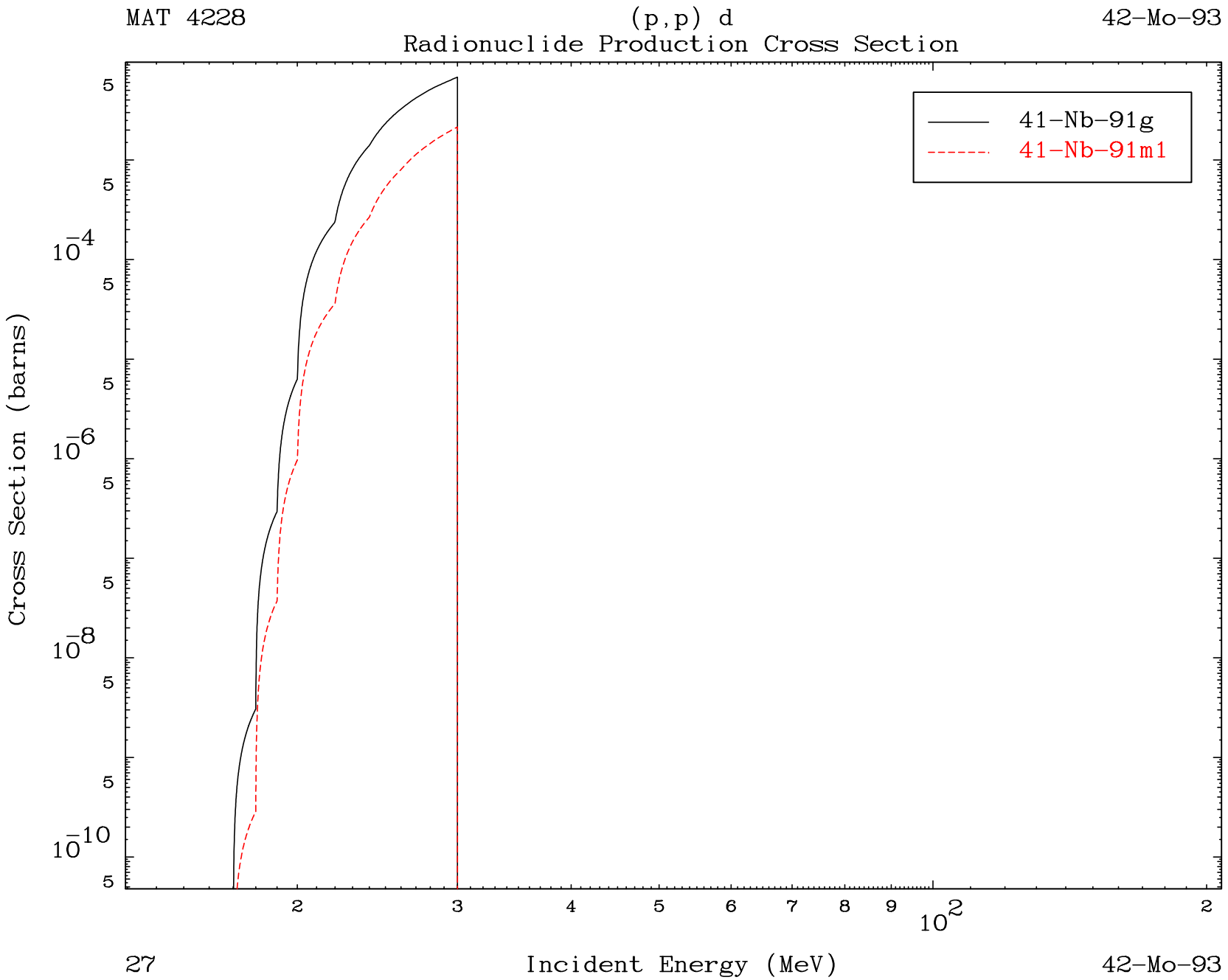

MAT 4228
(p,He-3)
42-Mo-93
Radionuclide Production Cross Section
41-Nb-91g
41-Nb-91m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
22
Incident Energy (MeV)
42-Mo-93

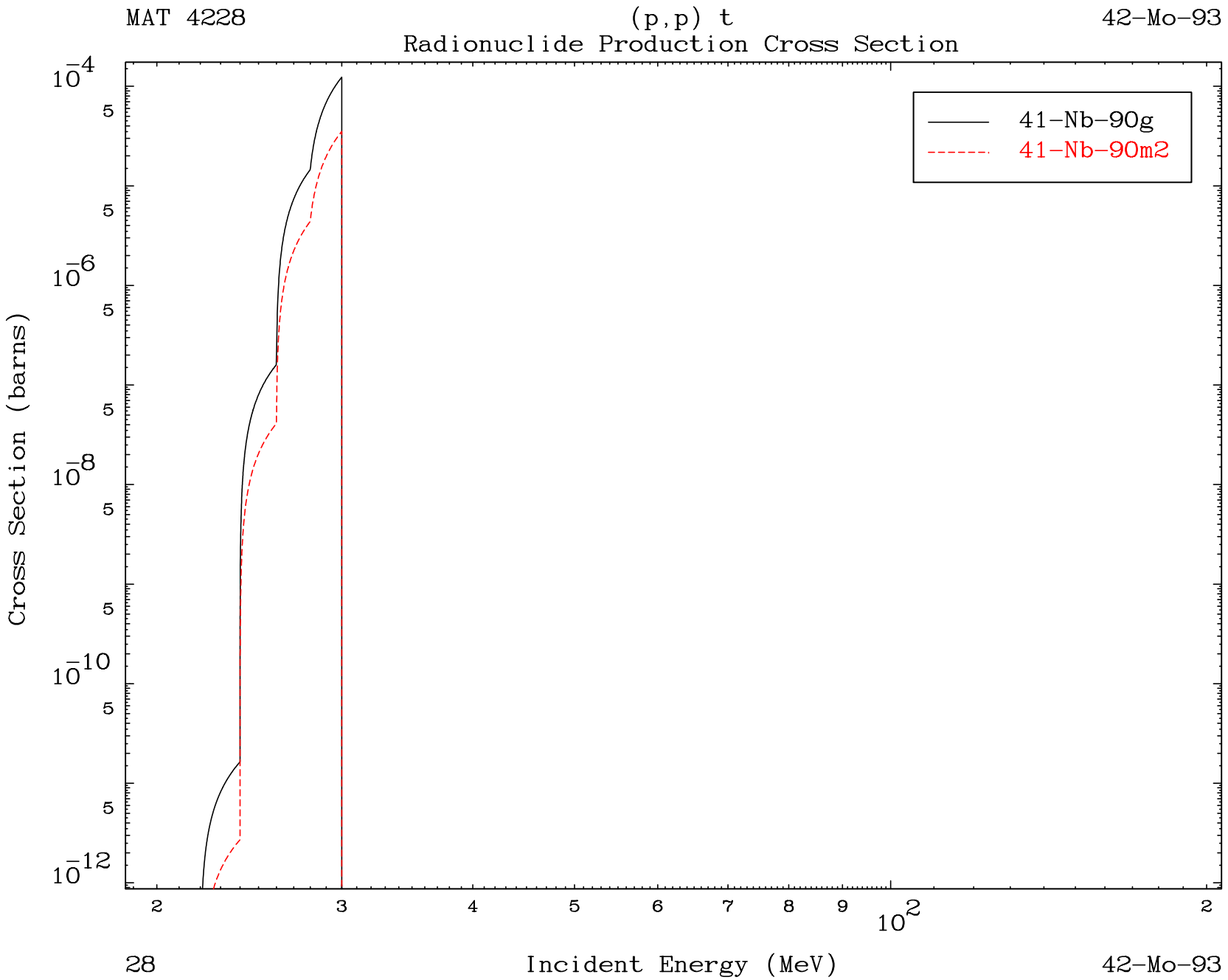

MAT 4228
(p,α)
42-Mo-93
Radionuclide Production Cross Section
41-Nb-90g
41-Nb-90m2
Cross Section (barns)
Incident Energy (MeV)
23
42-Mo-93


MAT 4228
(p,2α)
42-Mo-93
Radionuclide Production Cross Section
39-Y -86g
39-Y -86m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
5
5
5
5
5
5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
24
42-Mo-93


MAT 4228
(p,2p)
42-Mo-93
Radionuclide Production Cross Section
41-Nb-92g
41-Nb-92m1
Cross Section (barns)
Incident Energy (MeV)
25
42-Mo-93


MAT 4228
(p,p) α
42-Mo-93
Radionuclide Production Cross Section
40-Zr-89g
40-Zr-89m1
Cross Section (barns)
Incident Energy (MeV)
26
42-Mo-93


MAT 4228
(p,p) d
42-Mo-93
Radionuclide Production Cross Section
41-Nb-91g
41-Nb-91m1
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
27
Incident Energy (MeV)
42-Mo-93


MAT 4228
(p,p) t
42-Mo-93
Radionuclide Production Cross Section
41-Nb-90g
41-Nb-90m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
28
Incident Energy (MeV)
42-Mo-93