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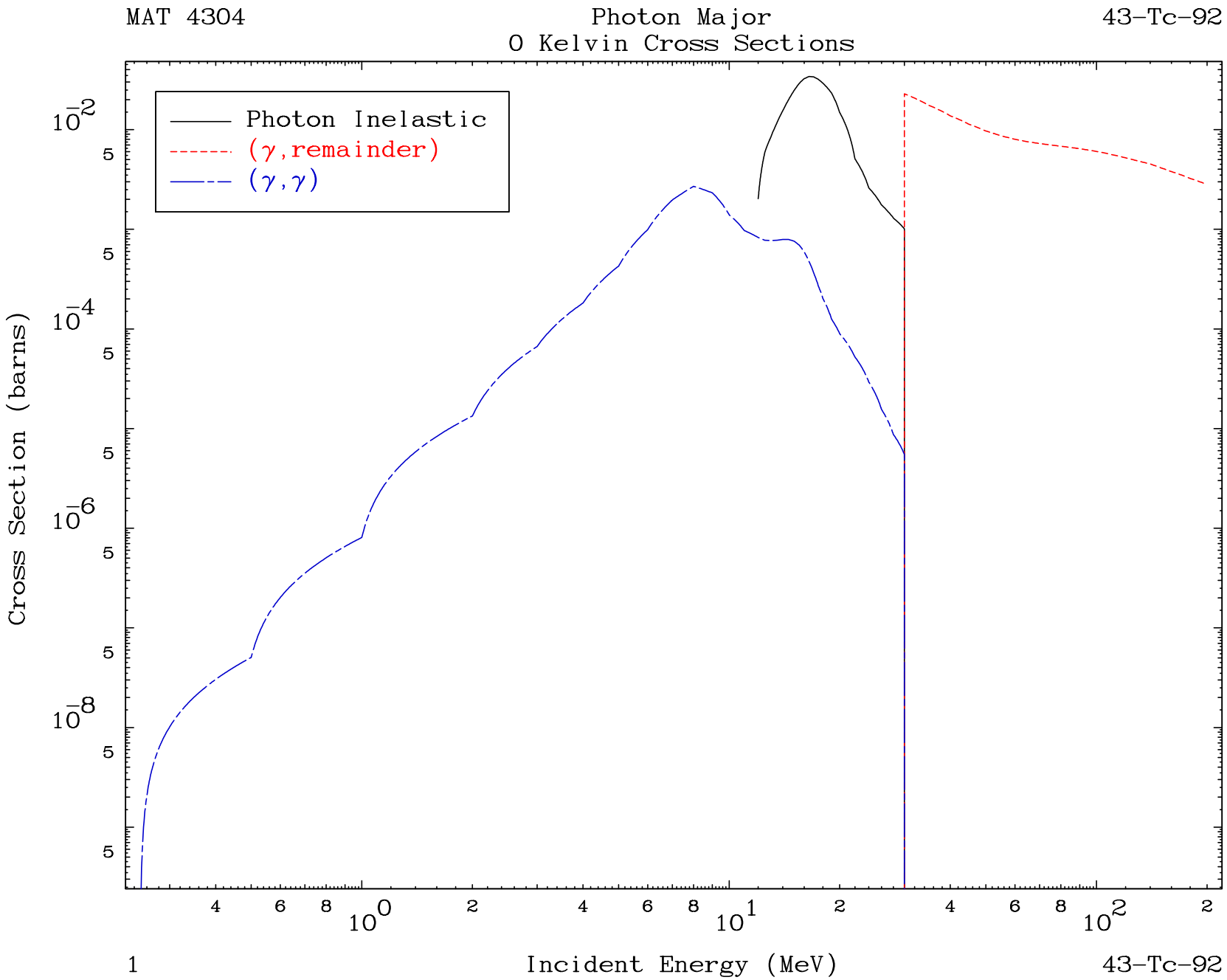
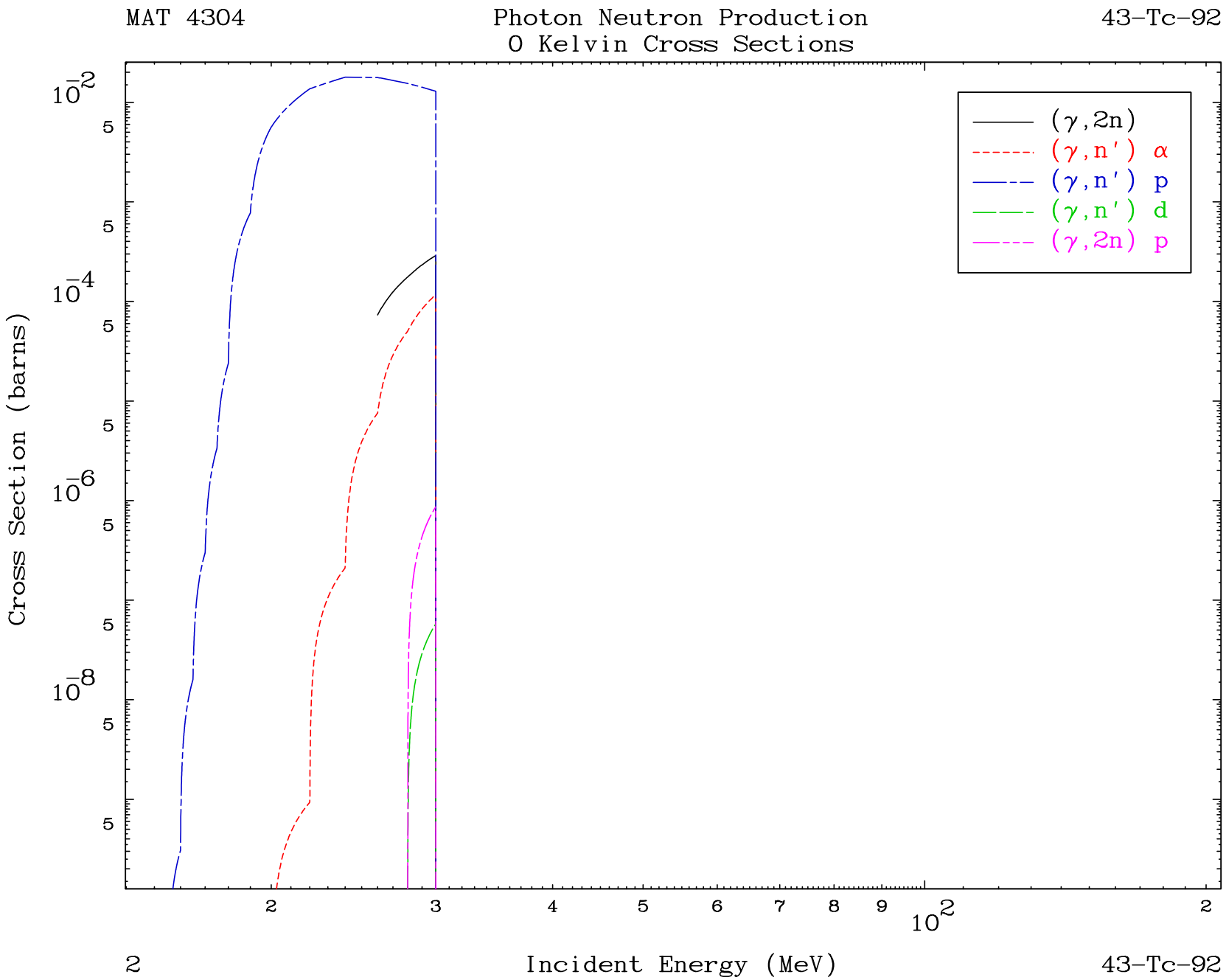
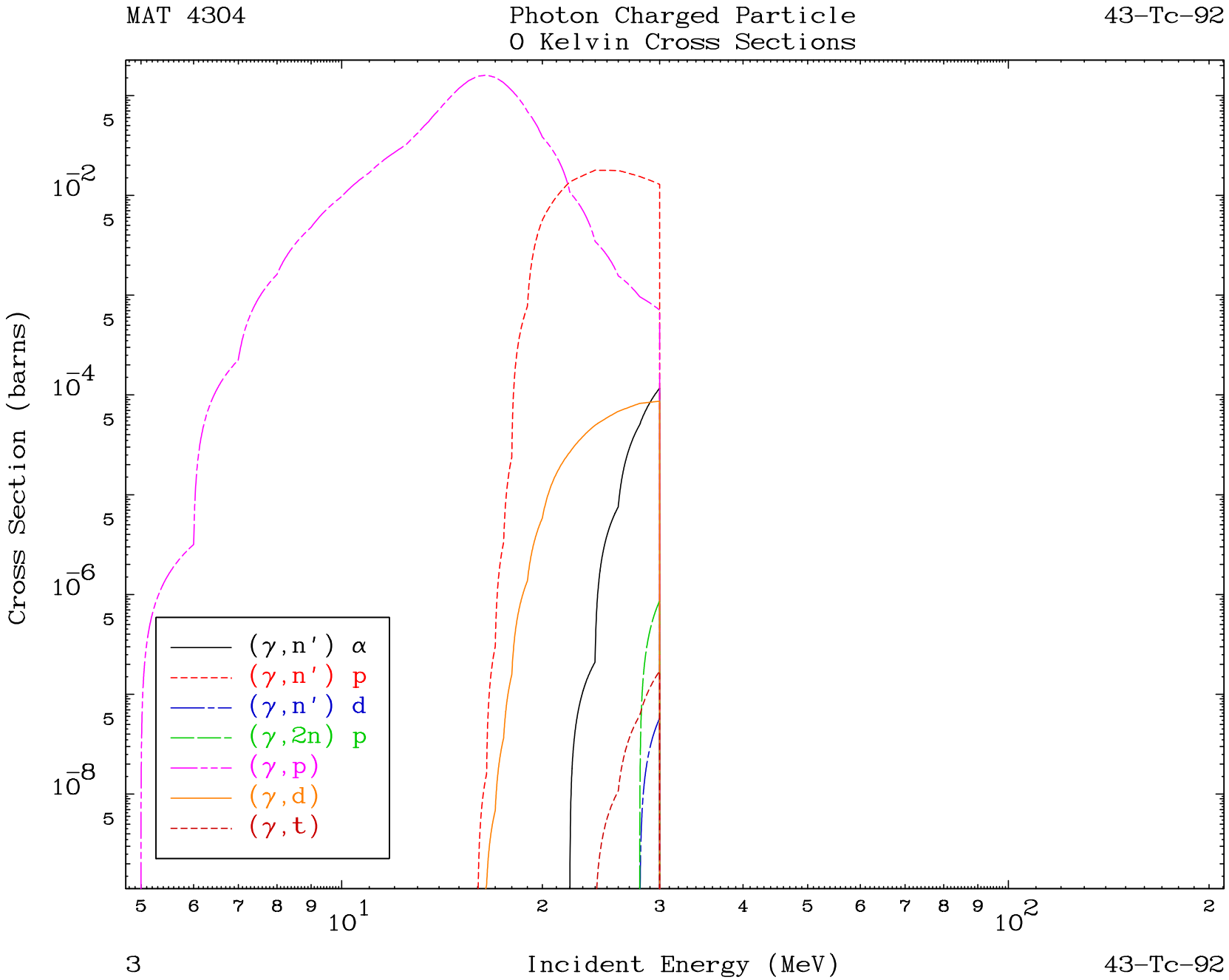
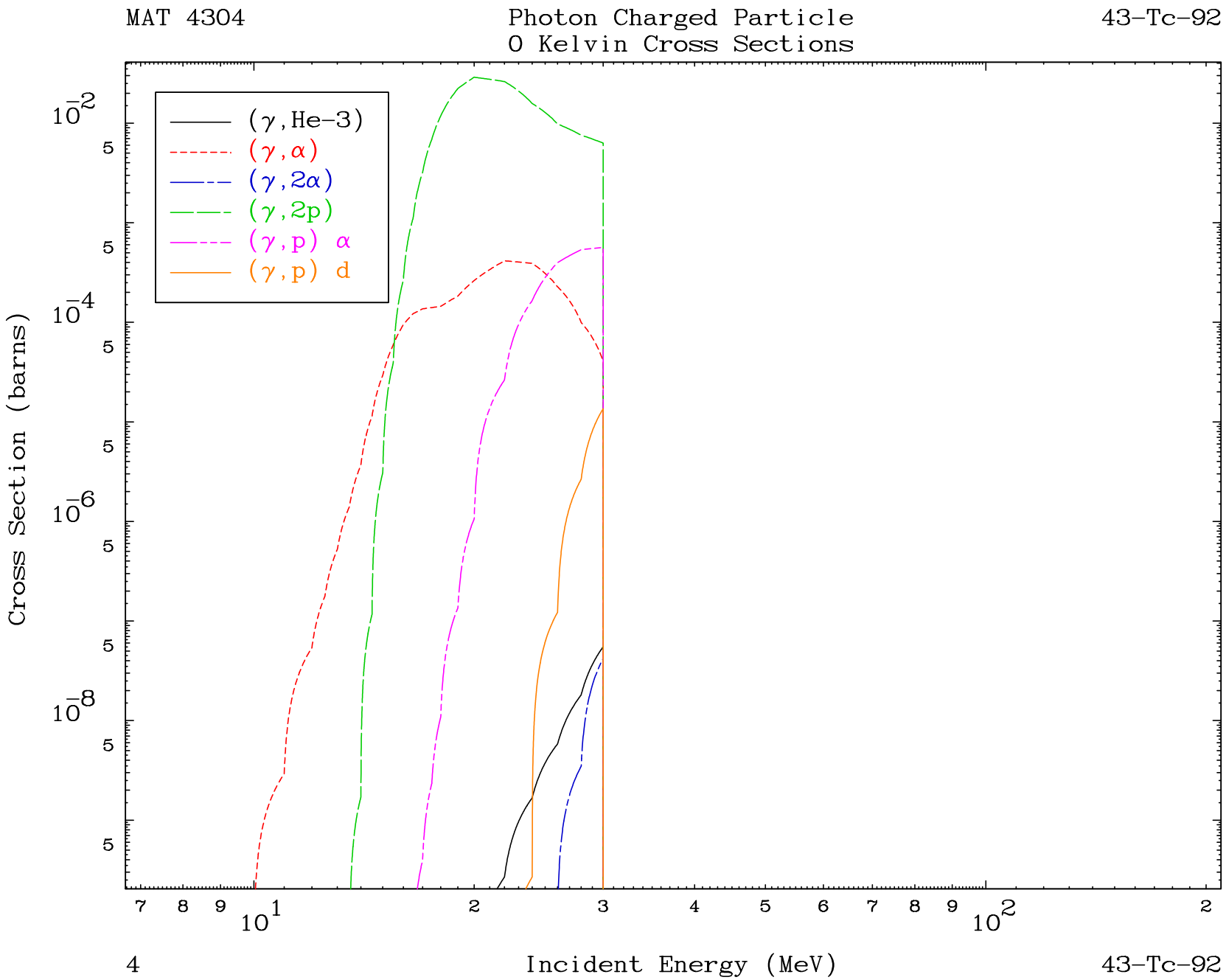
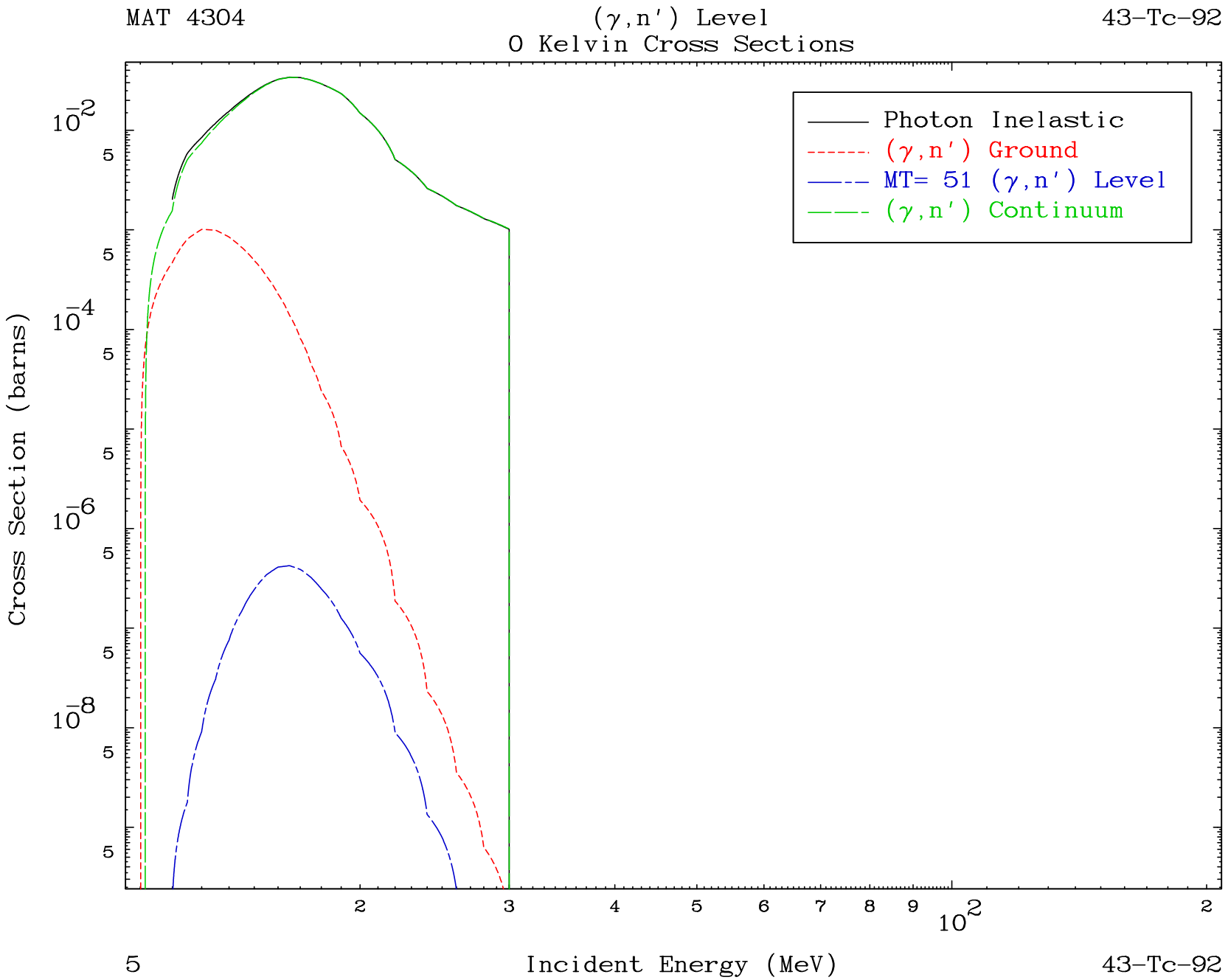
Press Mouse Button to Start

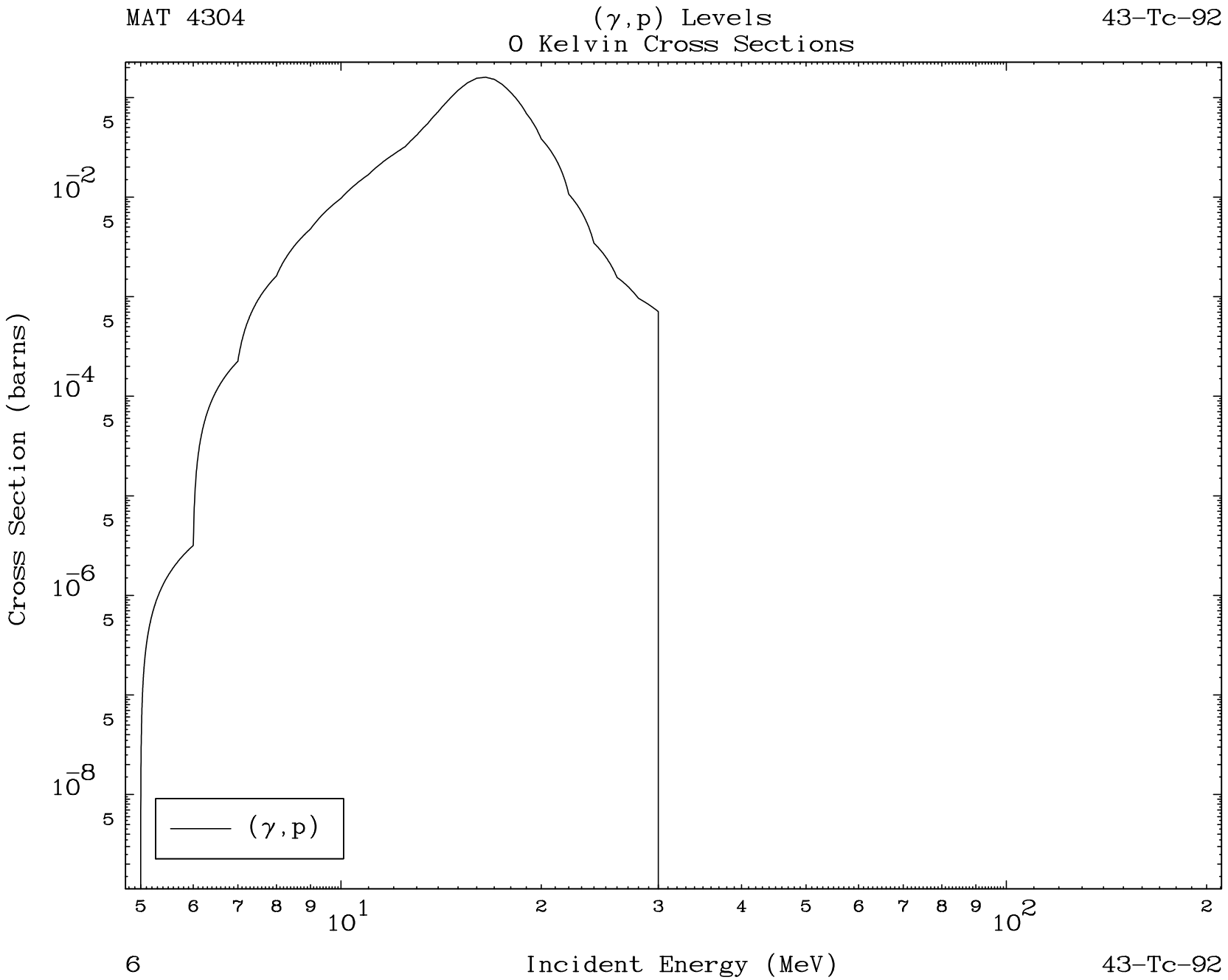

MAT 4304
Photon Major
43-Tc-92
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
100
101
102
2
4
6
8
Incident Energy (MeV)
1
43-Tc-92

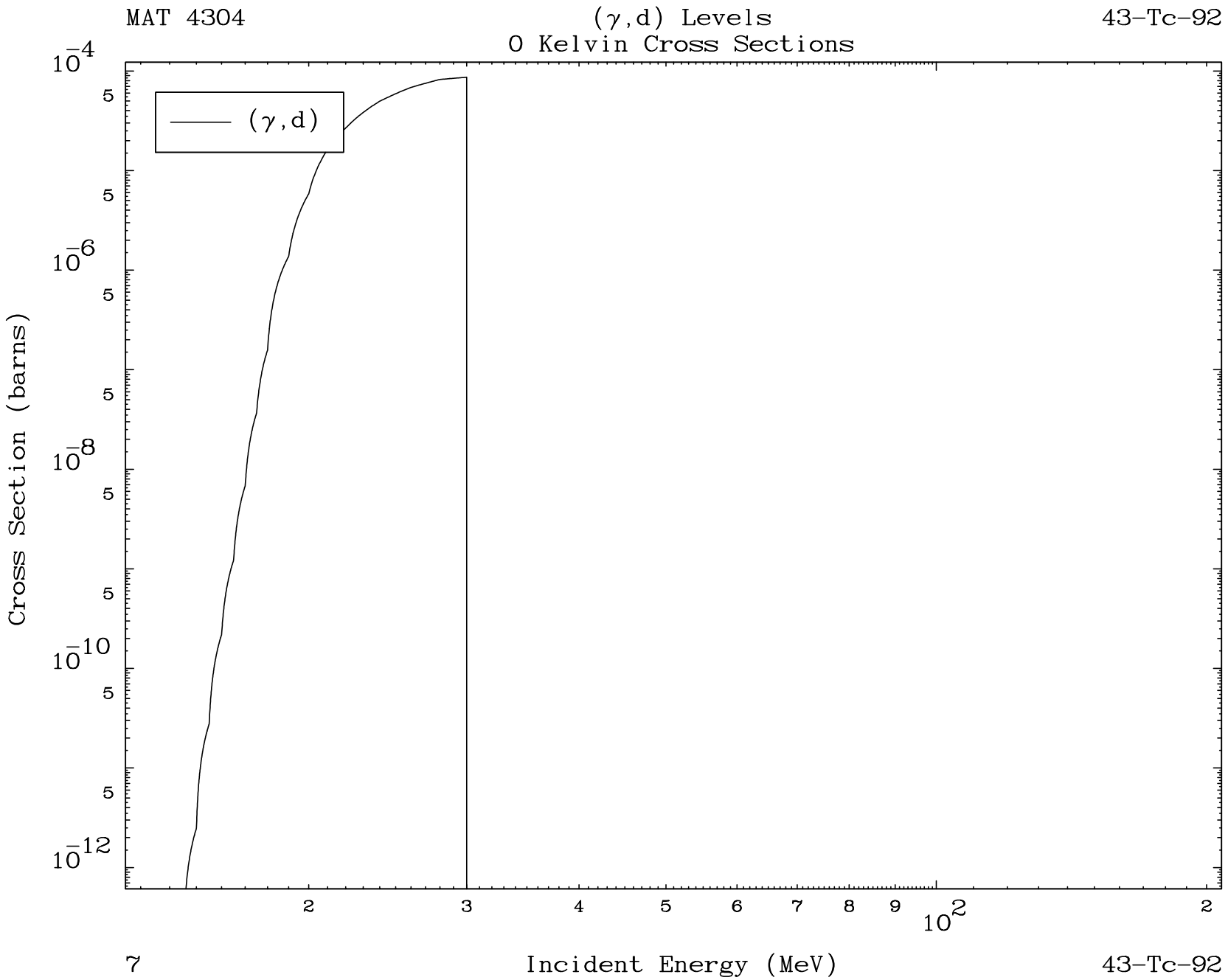

MAT 4304
Photon Neutron Production
0 Kelvin Cross Sections
43-Tc-92
(γ,2n)
(γ,n') α
(γ,n') p
(γ,n') d
(γ,2n) p
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
43-Tc-92

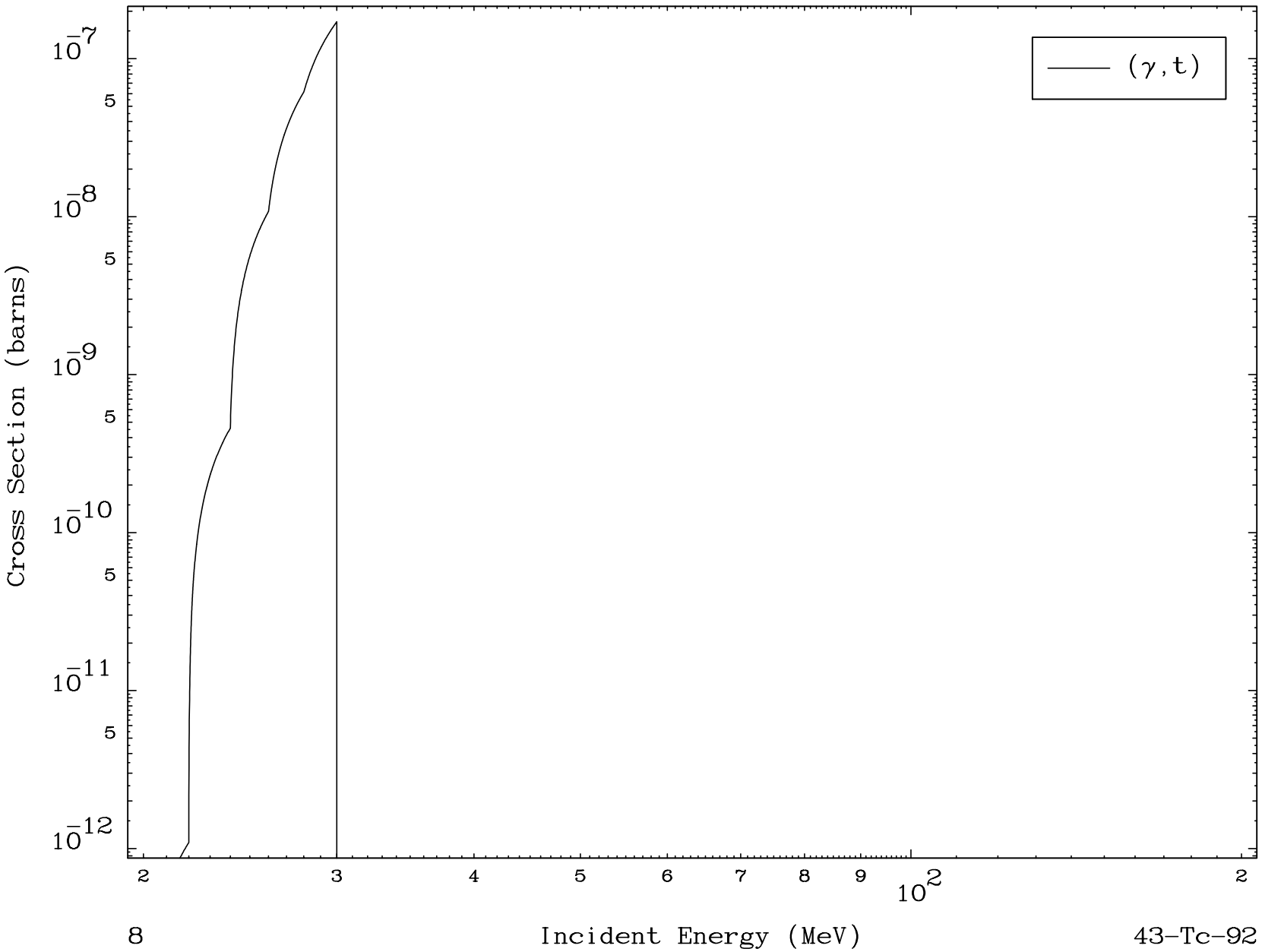

MAT 4304
Photon Charged Particle
0 Kelvin Cross Sections
43-Tc-92
Cross Section (barns)
Incident Energy (MeV)
(γ,n') α
(γ,n') p
(γ,n') d
(γ,2n) p
(γ,p)
(γ,d)
(γ,t)
3
43-Tc-92

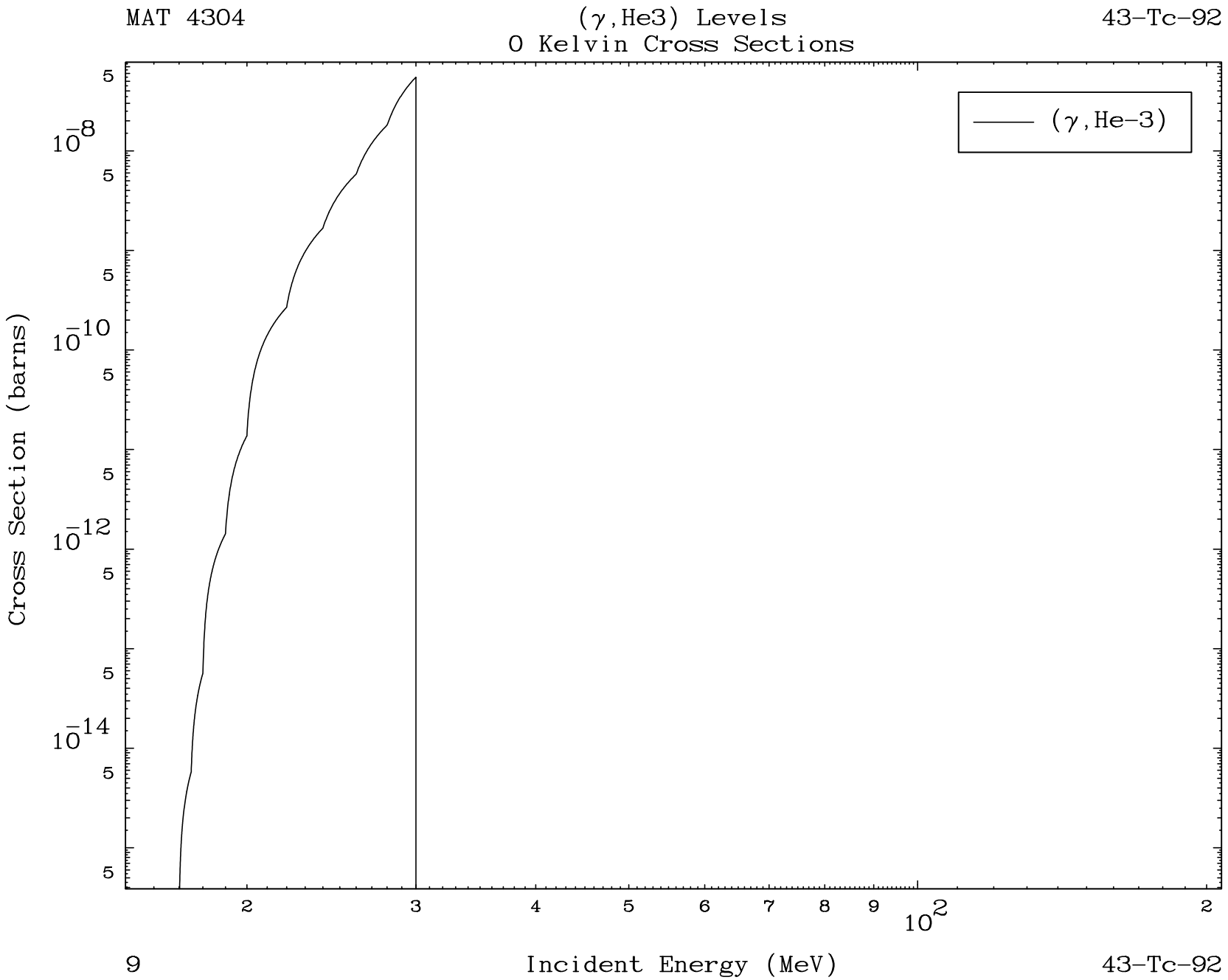

MAT 4304
Photon Charged Particle
0 Kelvin Cross Sections
43-Tc-92
(γ,He-3)
(γ,α)
(γ,2α)
(γ,2p)
(γ,p) α
(γ,p) d
Cross Section (barns)
Incident Energy (MeV)
4
43-Tc-92

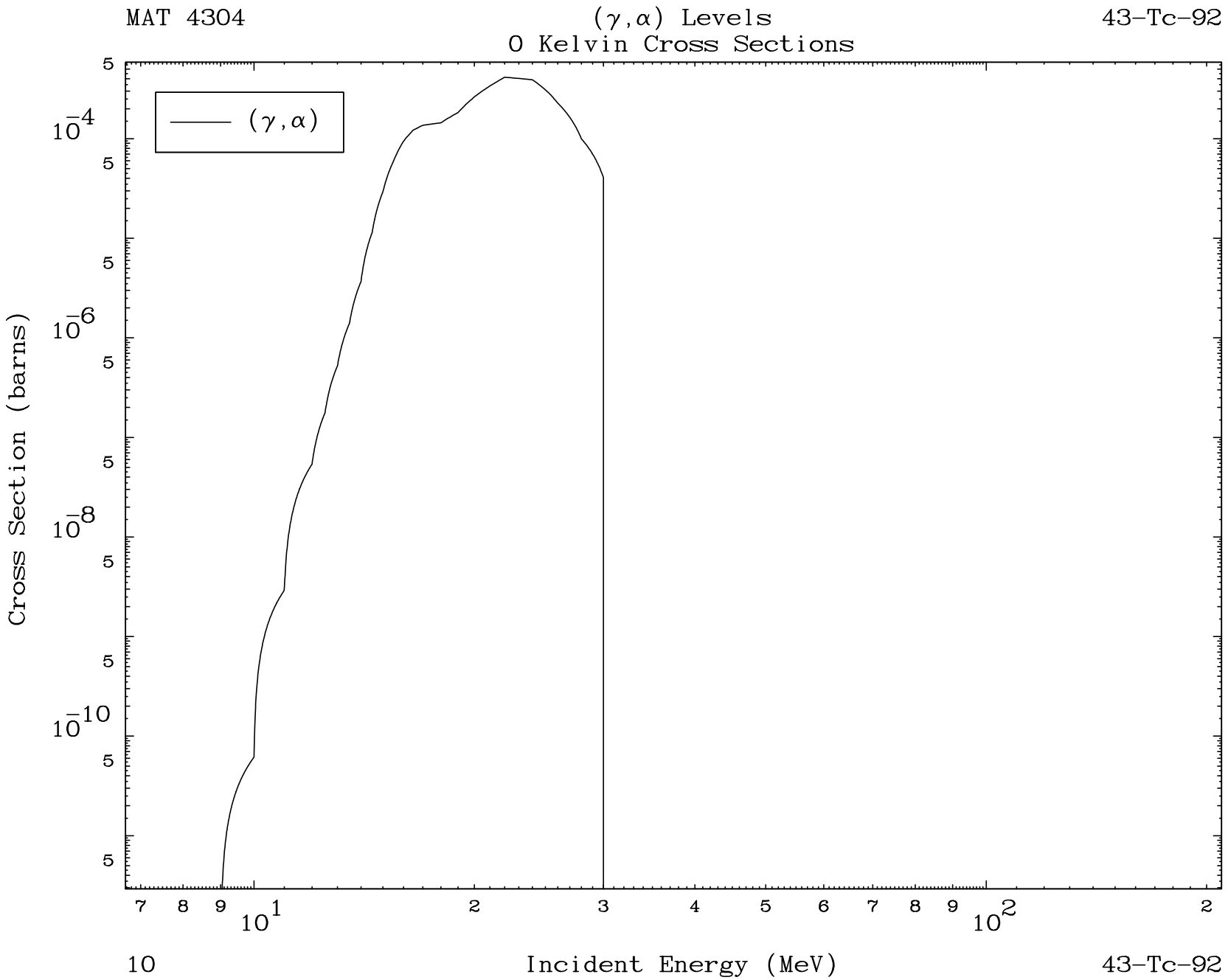

MAT 4304
(γ,n') Level
43-Tc-92
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
43-Tc-92

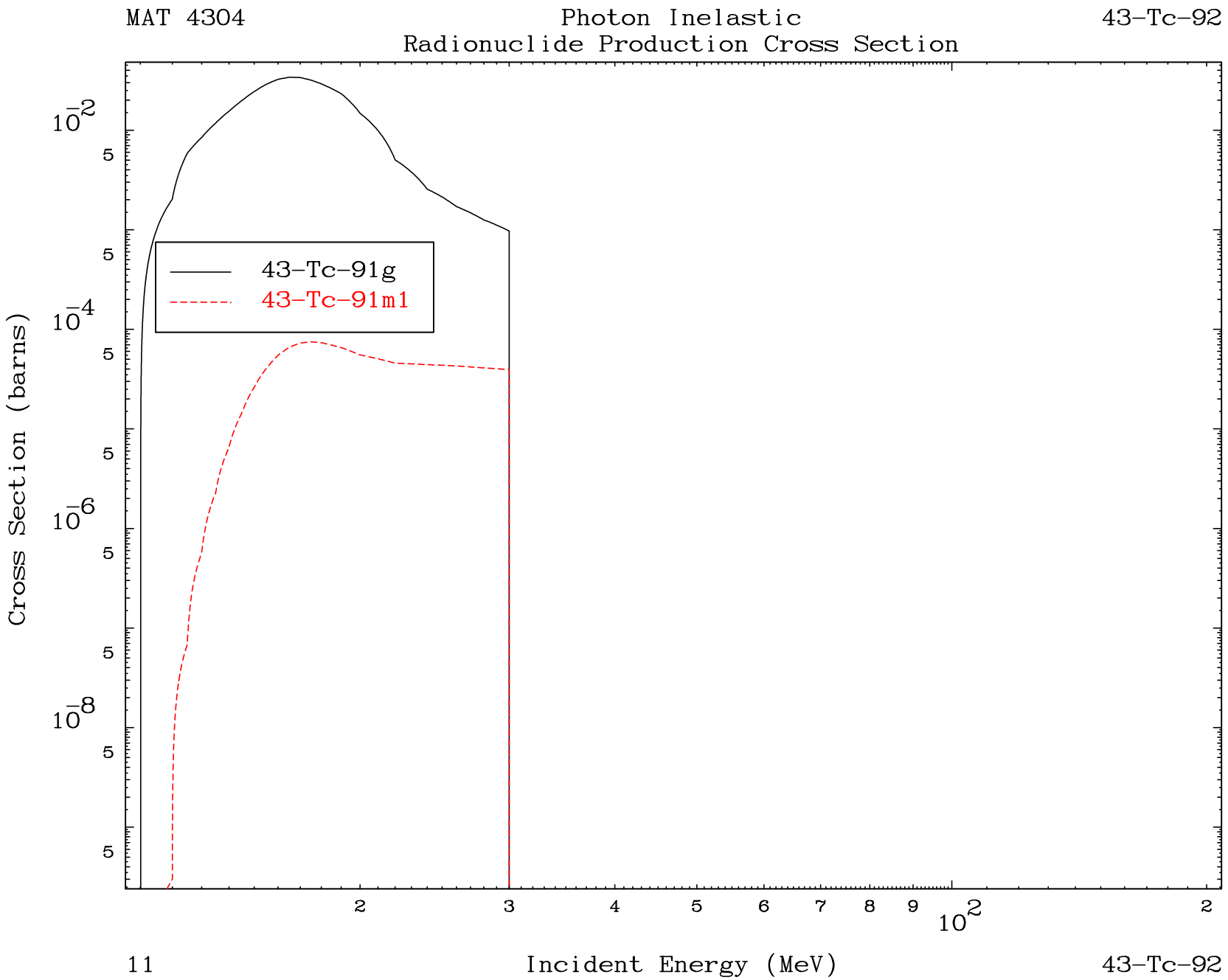

MAT 4304
(γ,p) Levels
43-Tc-92
0 Kelvin Cross Sections
Cross Section (barns)
10-2
10-4
10-6
10-8
(γ,p)
5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
6
43-Tc-92

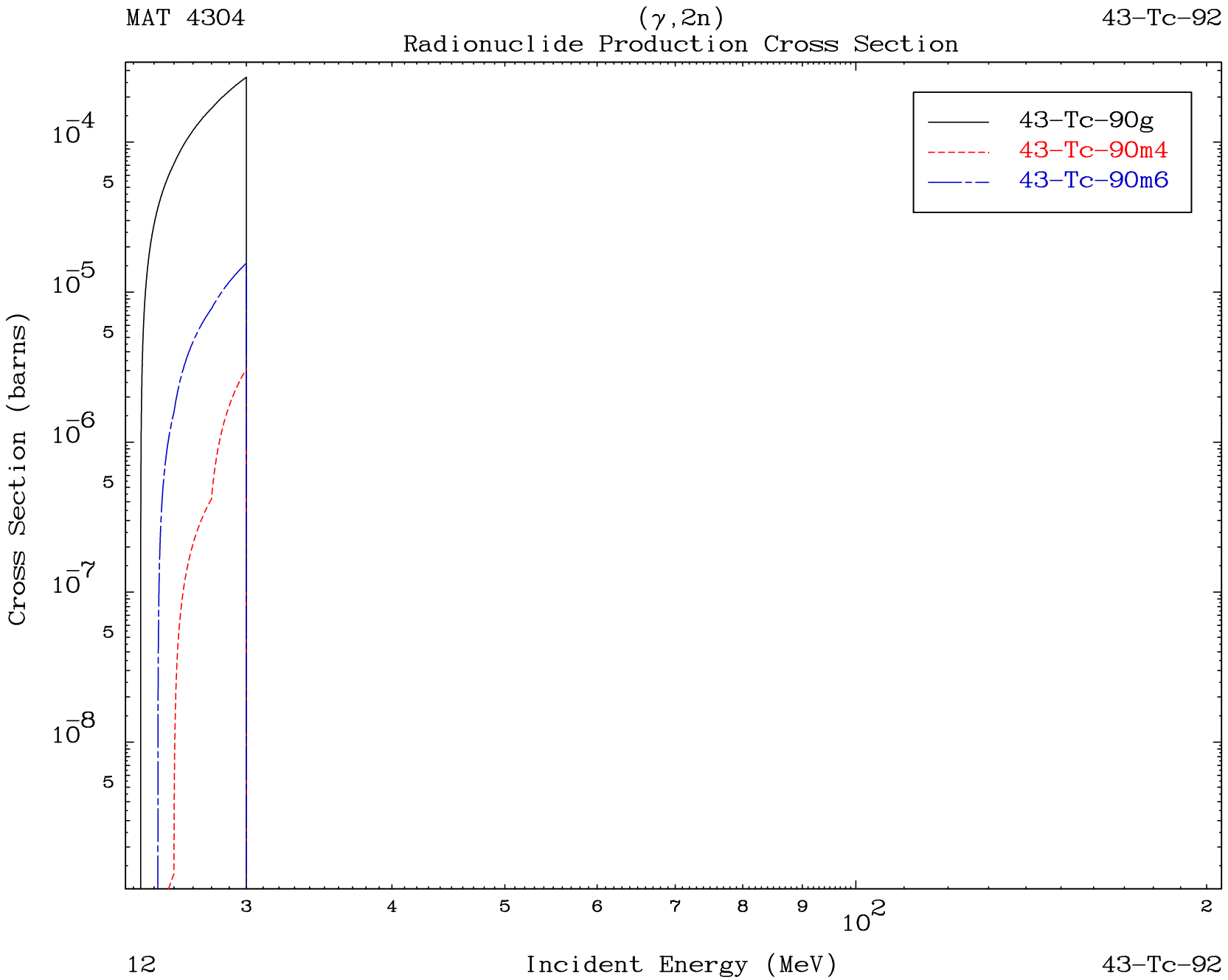

MAT 4304
(γ,d) Levels
43-Tc-92
0 Kelvin Cross Sections
(γ,d)
Cross Section (barns)
10^-4
5
10^-6
5
10^-8
5
10^-10
5
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
7
43-Tc-92

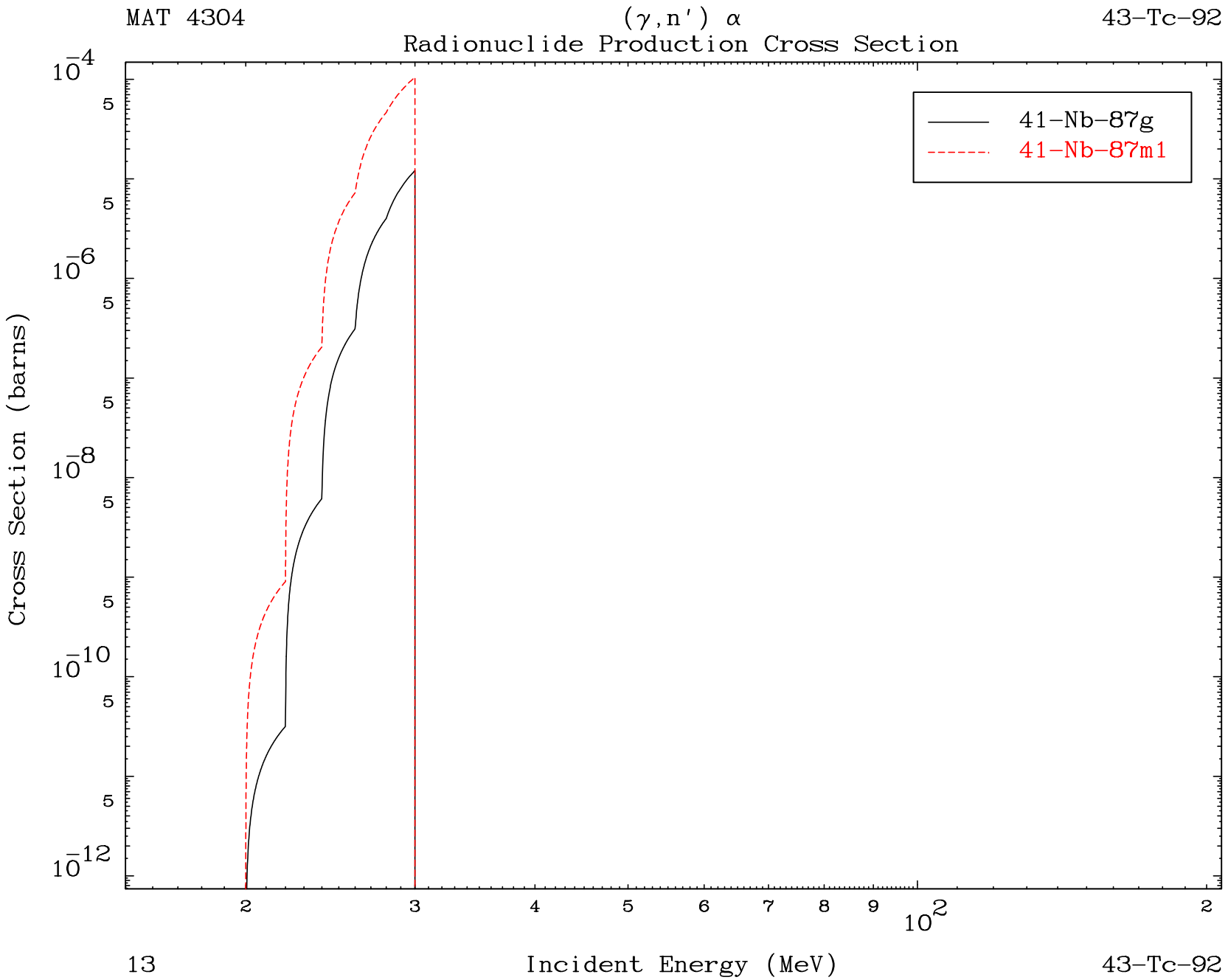

0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10-7
5
10-8
5
10-9
5
10-10
5
10-11
5
10-12
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)

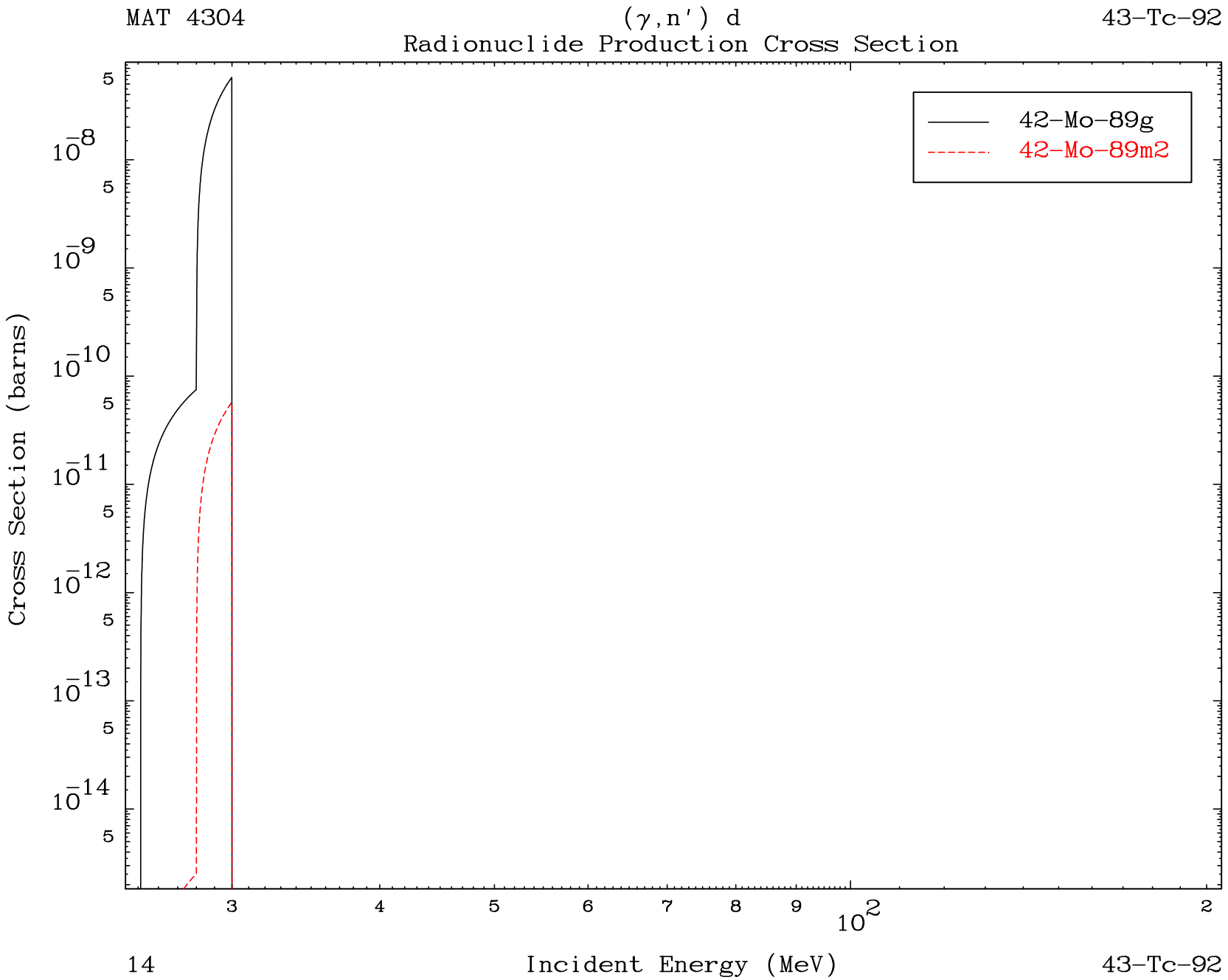

MAT 4304
(γ,He3) Levels
43-Tc-92
0 Kelvin Cross Sections
(γ,He-3)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10^2
2
9
Incident Energy (MeV)
43-Tc-92

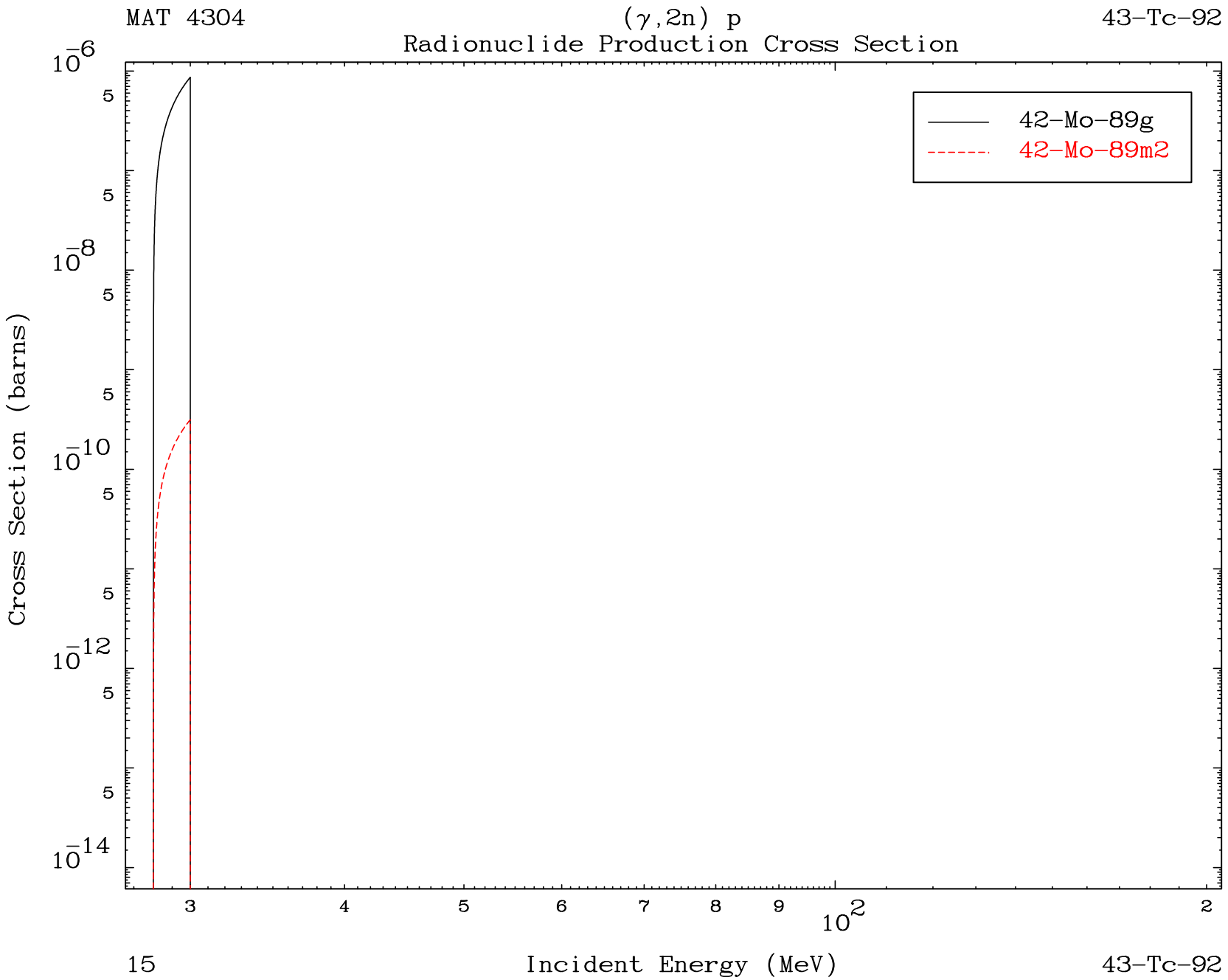

MAT 4304
(γ,α) Levels
43-Tc-92
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
10^1
10^2
43-Tc-92

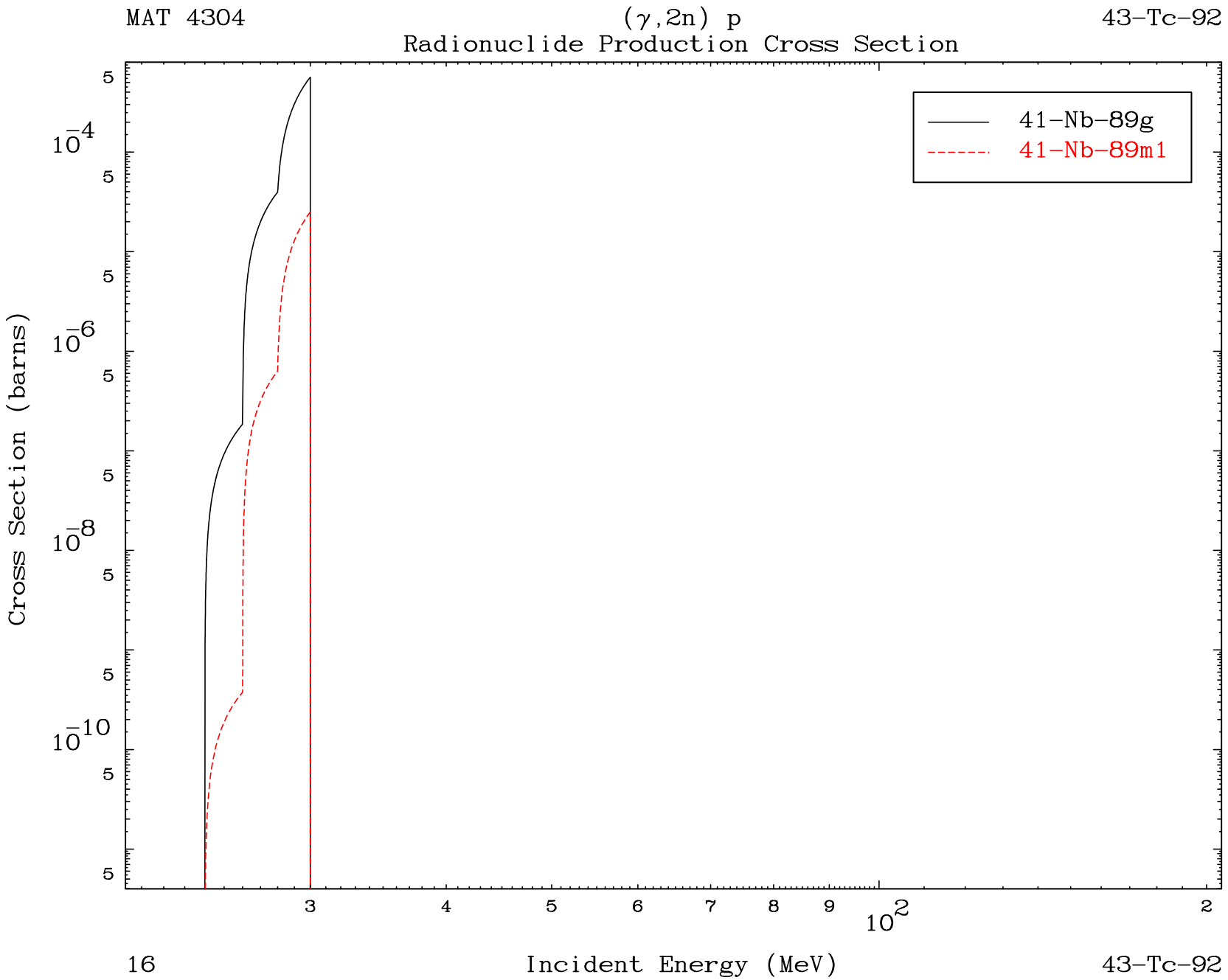

MAT 4304
Photon Inelastic
43-Tc-92
Radionuclide Production Cross Section
43-Tc-91g
43-Tc-91m1
Cross Section (barns)
Incident Energy (MeV)
11
43-Tc-92

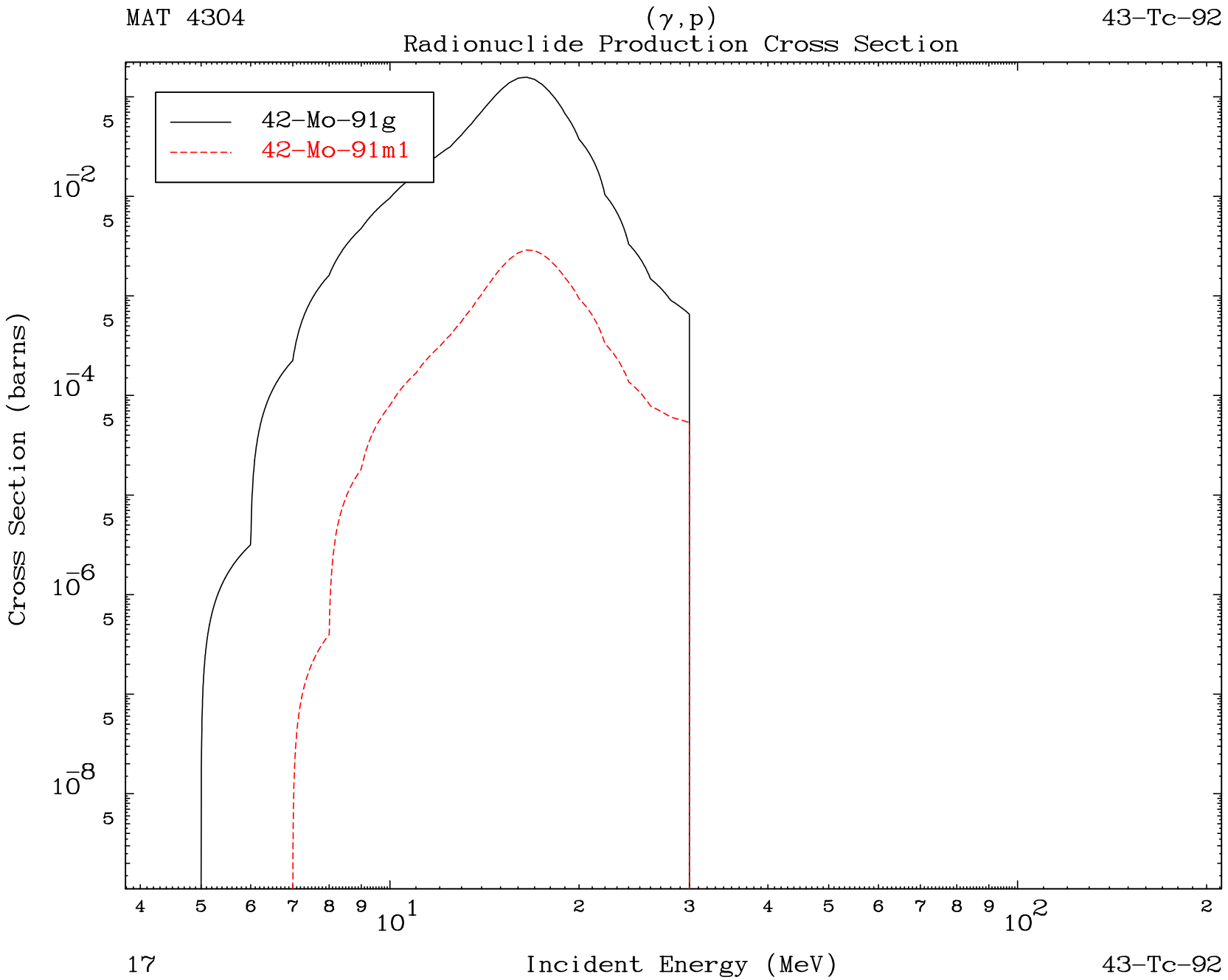

MAT 4304
(γ,2n)
43-Tc-92
Radionuclide Production Cross Section
43-Tc-90g
43-Tc-90m4
43-Tc-90m6
Cross Section (barns)
10-4
5
10-5
5
10-6
5
10-7
5
10-8
5
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
43-Tc-92

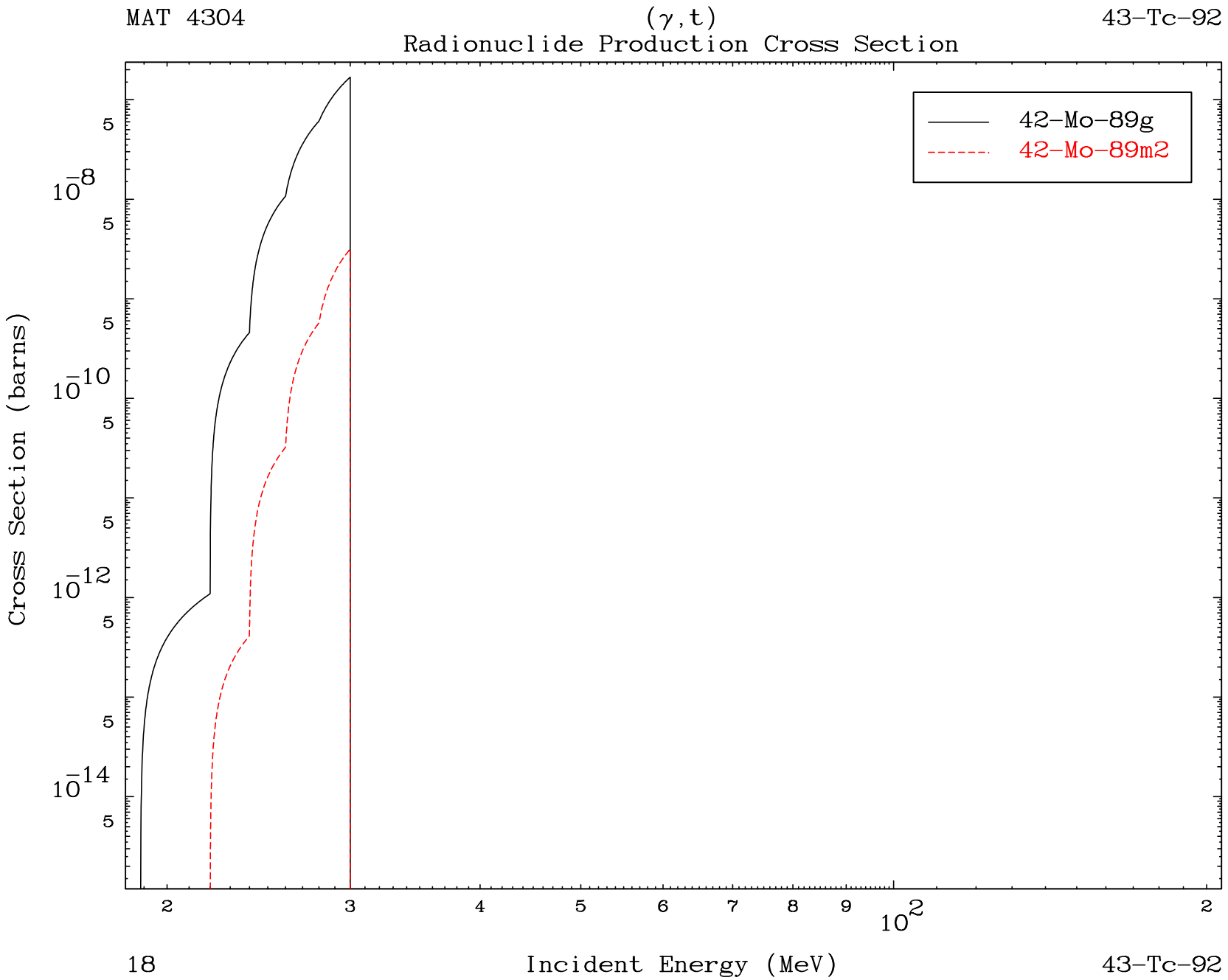

MAT 4304
(γ,n') α
43-Tc-92
Radionuclide Production Cross Section
41-Nb-87g
41-Nb-87m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
43-Tc-92

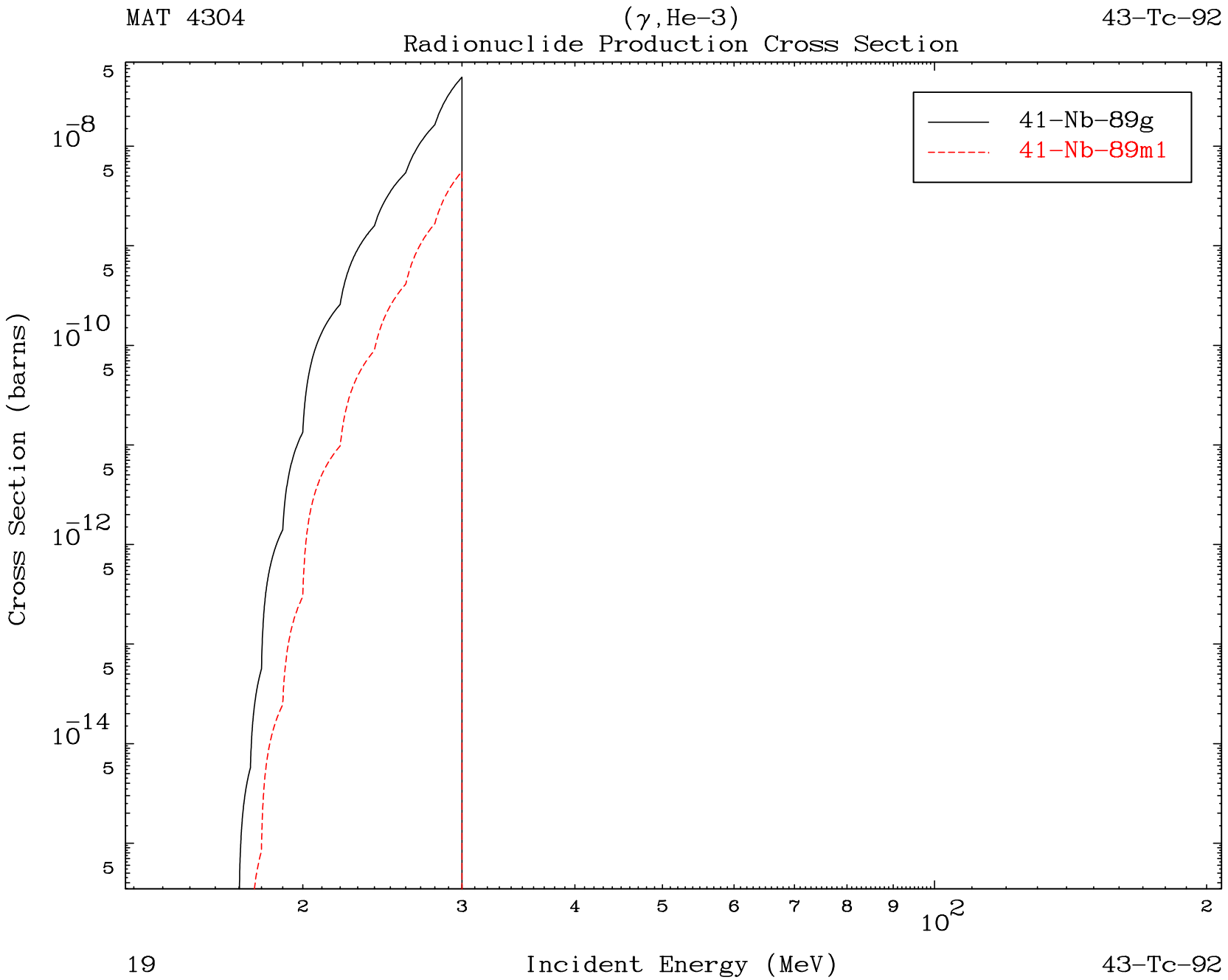

MAT 4304
(γ,n') d
43-Tc-92
Radionuclide Production Cross Section
42-Mo-89g
42-Mo-89m2
Cross Section (barns)
Incident Energy (MeV)
14
43-Tc-92

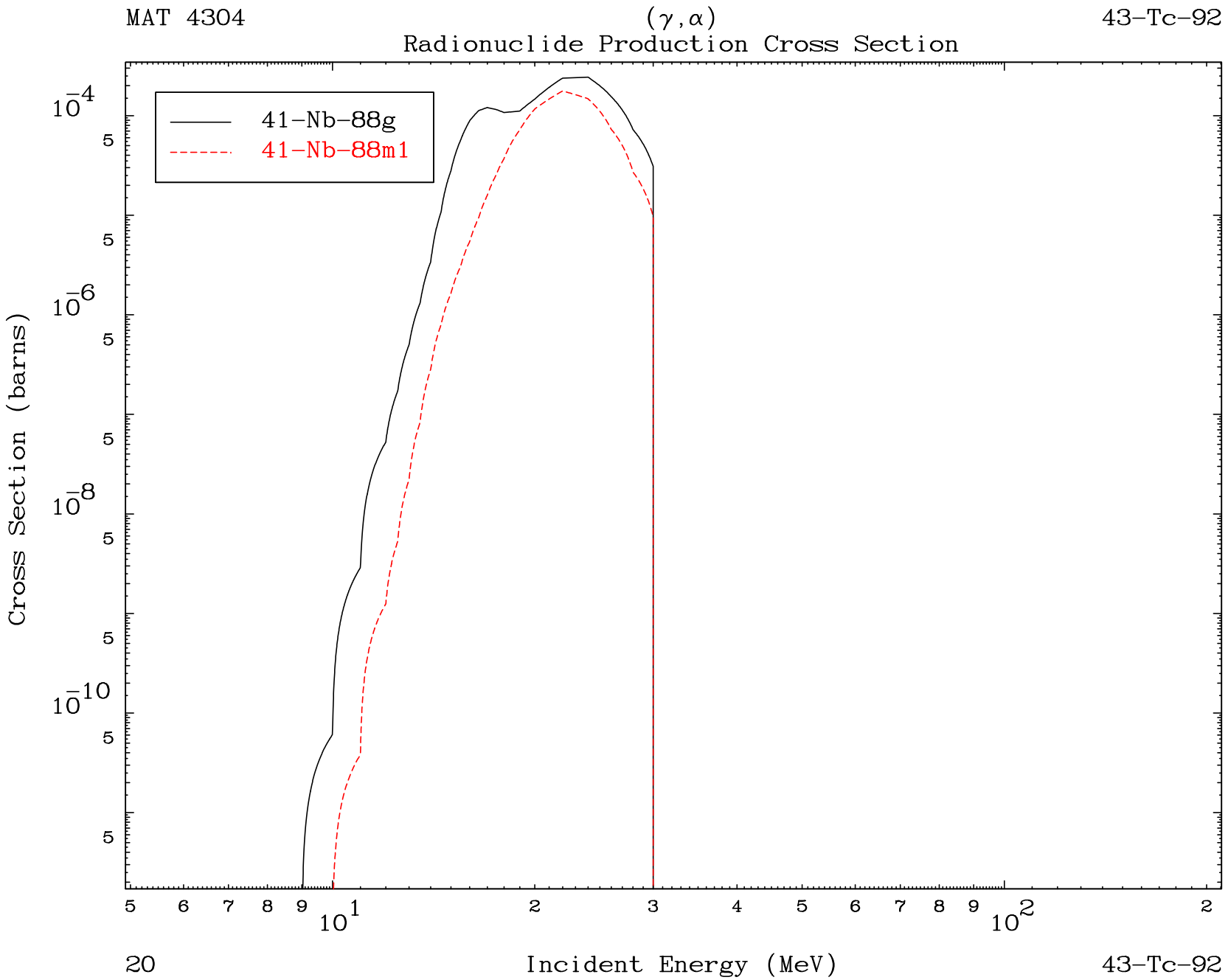

MAT 4304
(γ,2n) p
43-Tc-92
Radionuclide Production Cross Section
42-Mo-89g
42-Mo-89m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^-14
5
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
43-Tc-92

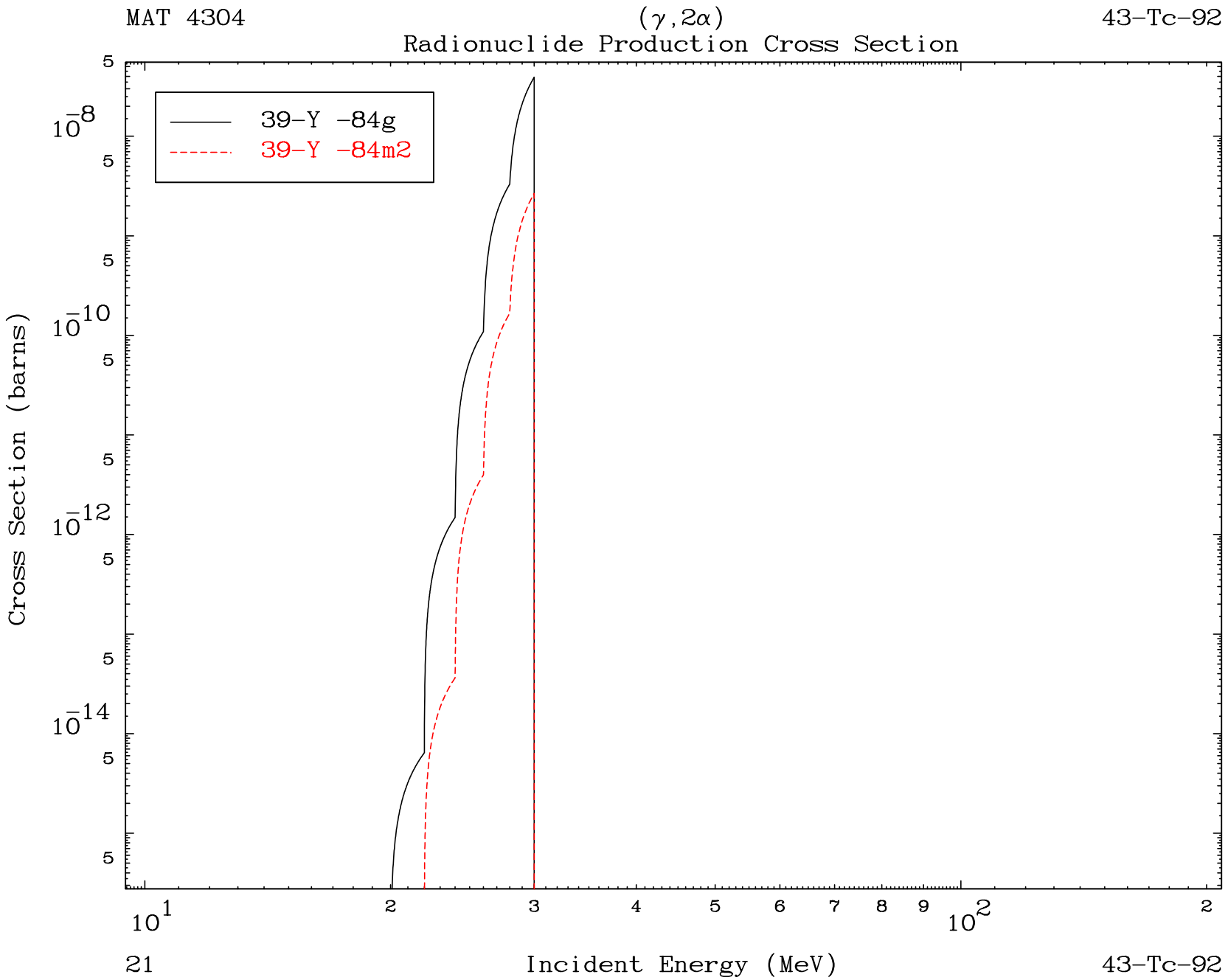

MAT 4304
(γ,2n) p
43-Tc-92
Radionuclide Production Cross Section
41-Nb-89g
41-Nb-89m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
3
4
5
6
7
8
9
10^2
2
16
Incident Energy (MeV)
43-Tc-92

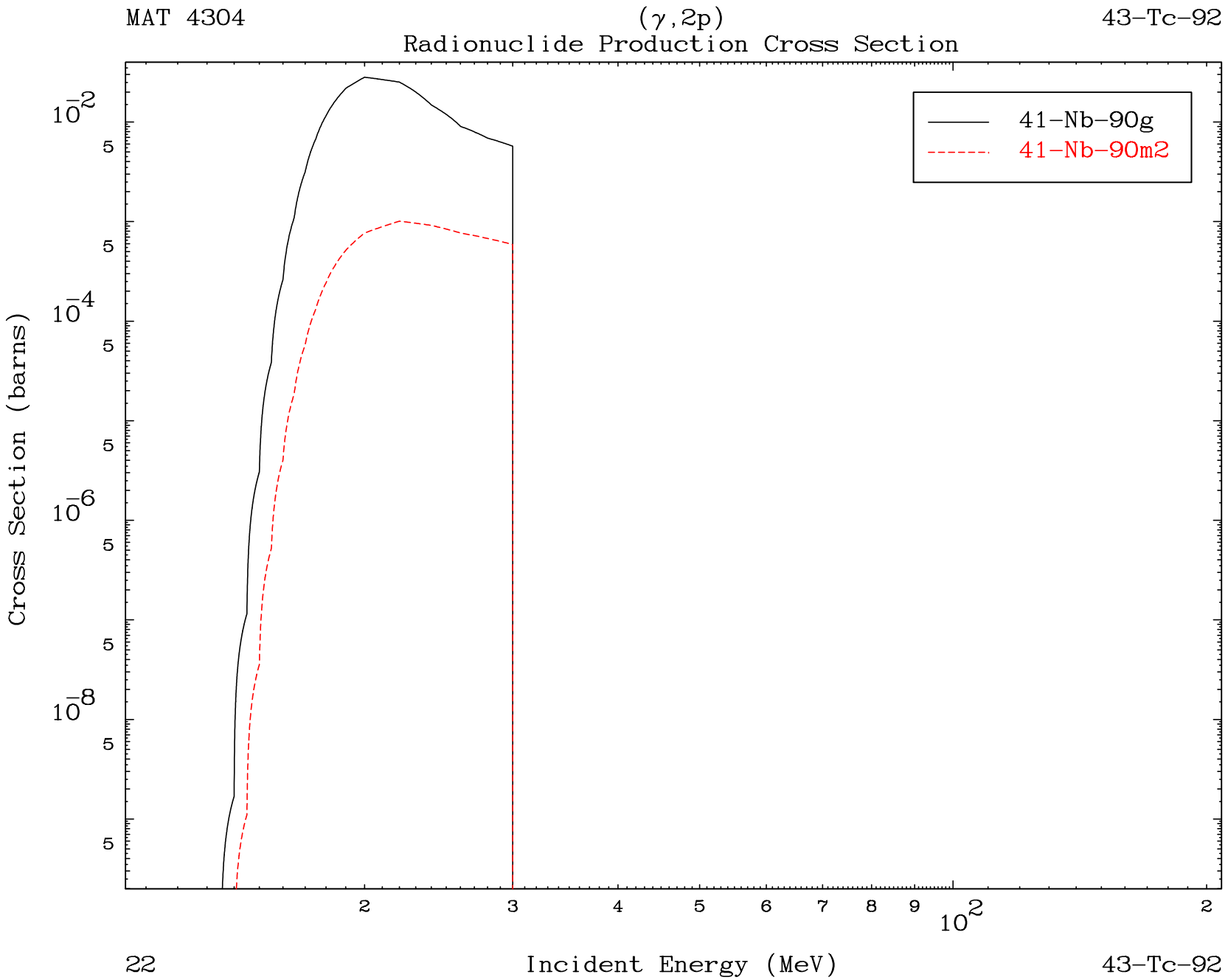

MAT 4304
(γ,p)
43-Tc-92
Radionuclide Production Cross Section
42-Mo-91g
42-Mo-91m1
Cross Section (barns)
10-2
10-4
10-6
10-8
4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
17
Incident Energy (MeV)
43-Tc-92

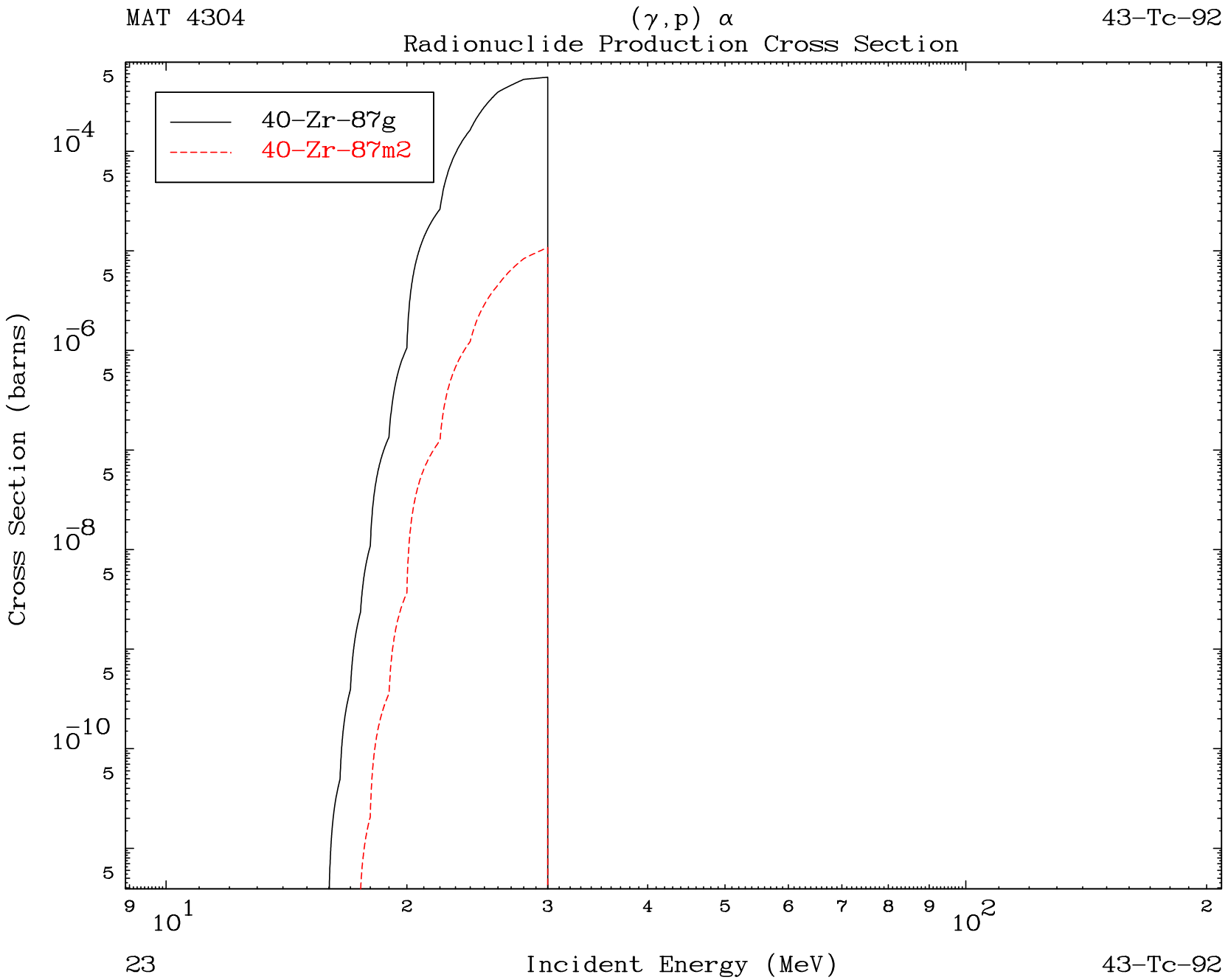

MAT 4304
(γ,t)
43-Tc-92
Radionuclide Production Cross Section
42-Mo-89g
42-Mo-89m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
18
Incident Energy (MeV)
43-Tc-92

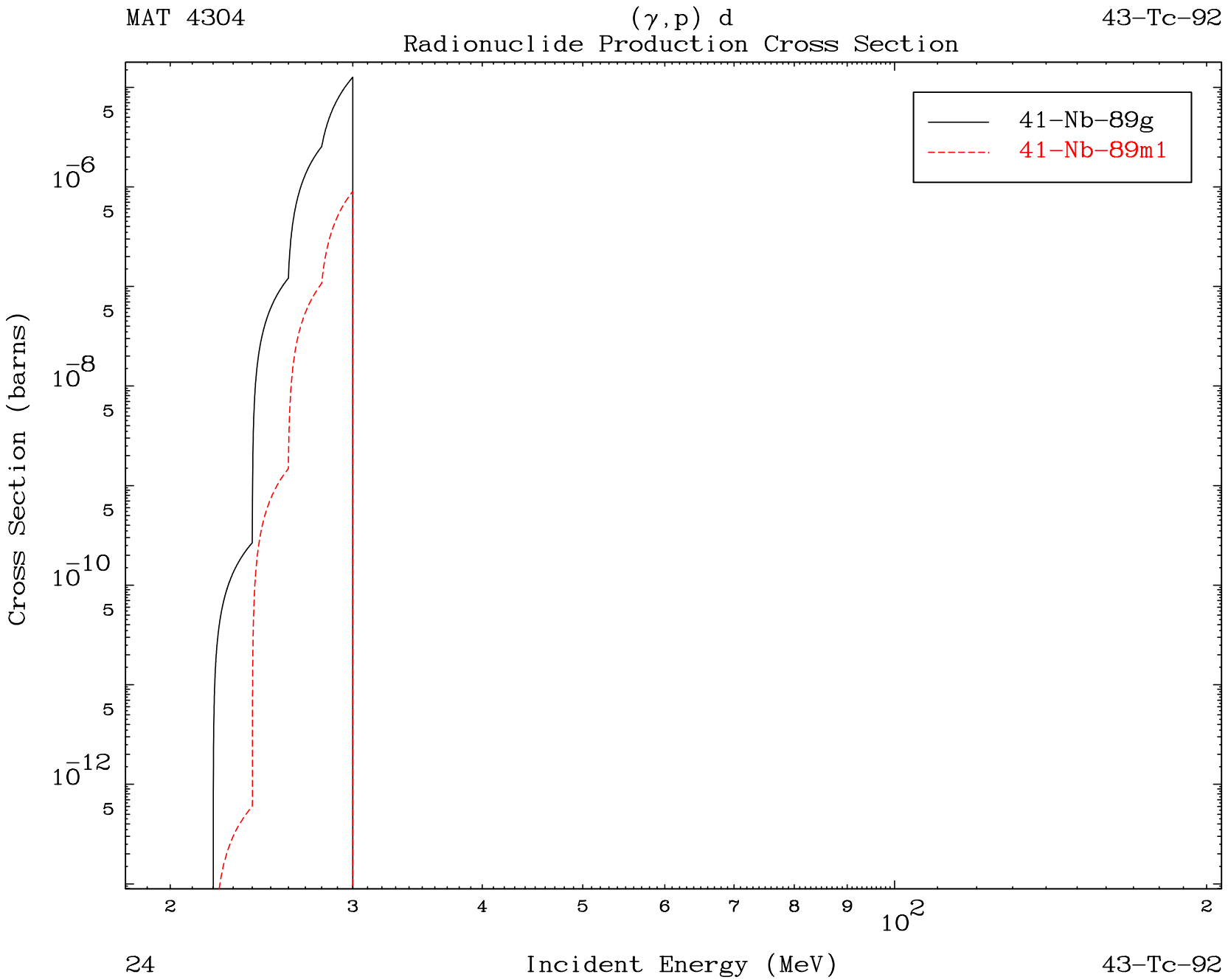

MAT 4304
(γ,He-3)
43-Tc-92
Radionuclide Production Cross Section
41-Nb-89g
41-Nb-89m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
6
7
8
9
10^2
19
Incident Energy (MeV)
43-Tc-92


MAT 4304
(γ,α)
43-Tc-92
Radionuclide Production Cross Section
41-Nb-88g
41-Nb-88m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
6
7
8
9
10^1
2
3
4
5
6
7
8
9
10^2
2
20
Incident Energy (MeV)
43-Tc-92


MAT 4304
(γ,2α)
43-Tc-92
Radionuclide Production Cross Section
39-Y -84g
39-Y -84m2
Cross Section (barns)
Incident Energy (MeV)
21
43-Tc-92


MAT 4304
(γ,2p)
43-Tc-92
Radionuclide Production Cross Section
41-Nb-90g
41-Nb-90m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
22
Incident Energy (MeV)
43-Tc-92


MAT 4304
(γ,p) α
43-Tc-92
Radionuclide Production Cross Section
40-Zr-87g
40-Zr-87m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
23
43-Tc-92


MAT 4304
(γ,p) d
43-Tc-92
Radionuclide Production Cross Section
41-Nb-89g
41-Nb-89m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
24
43-Tc-92