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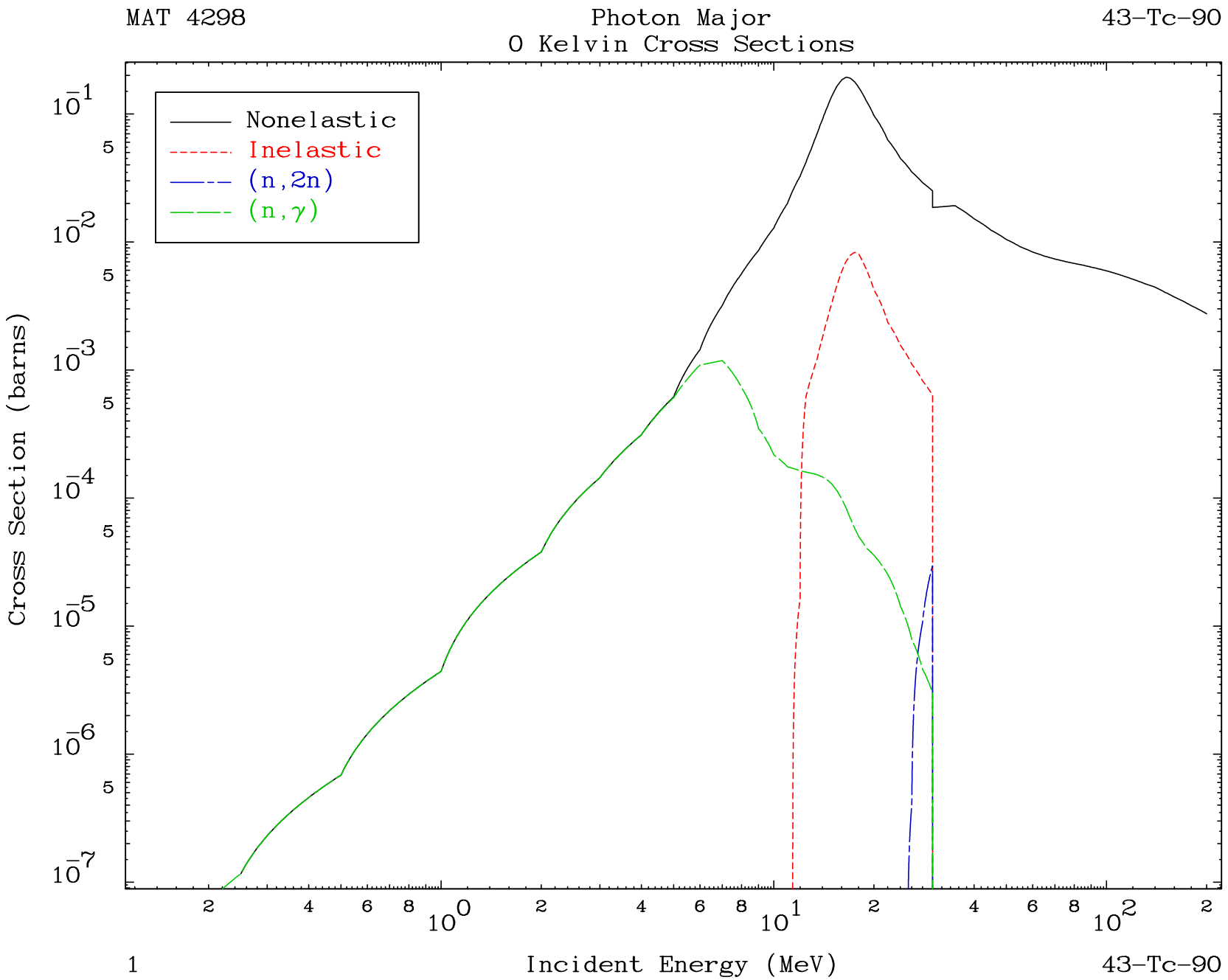
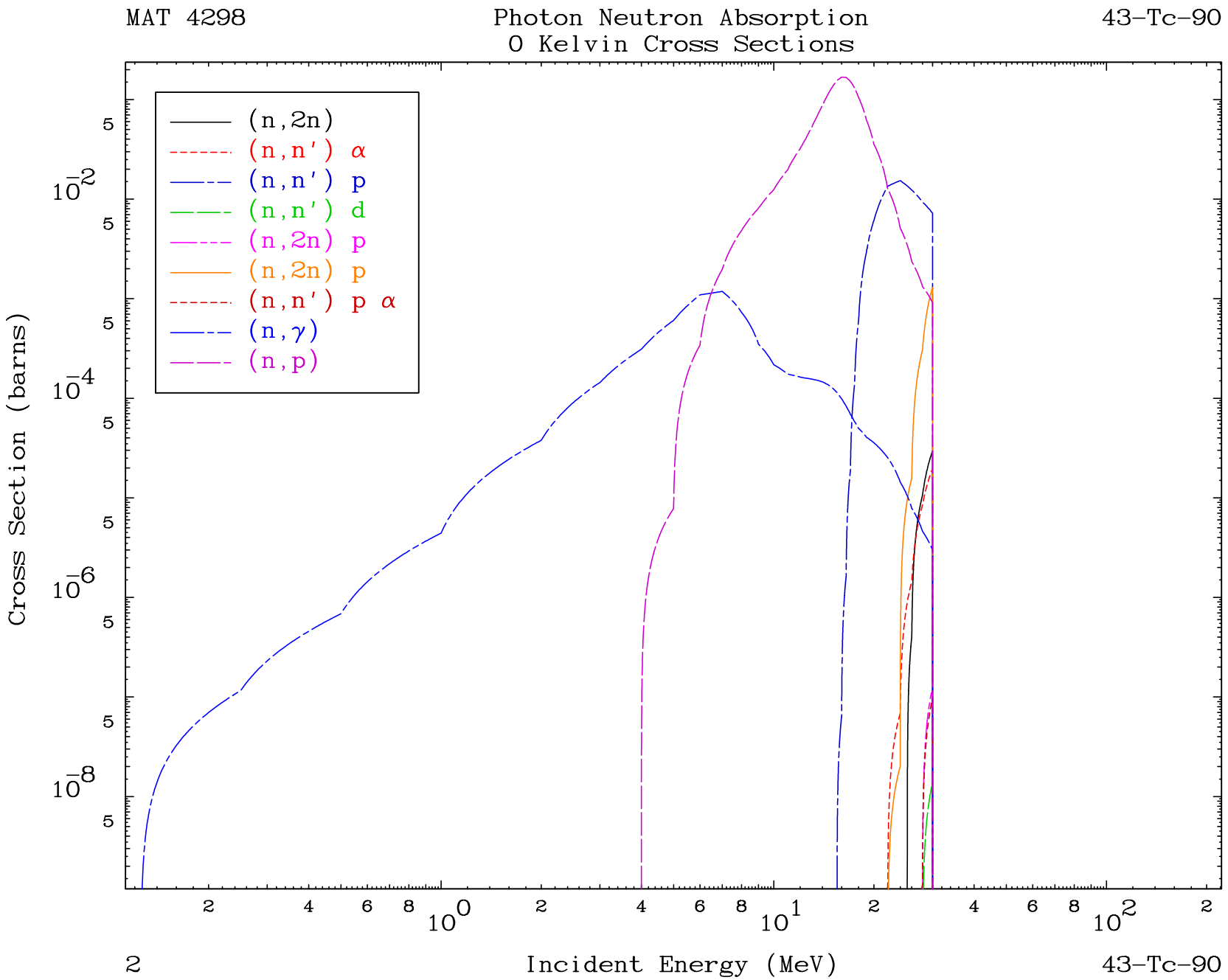
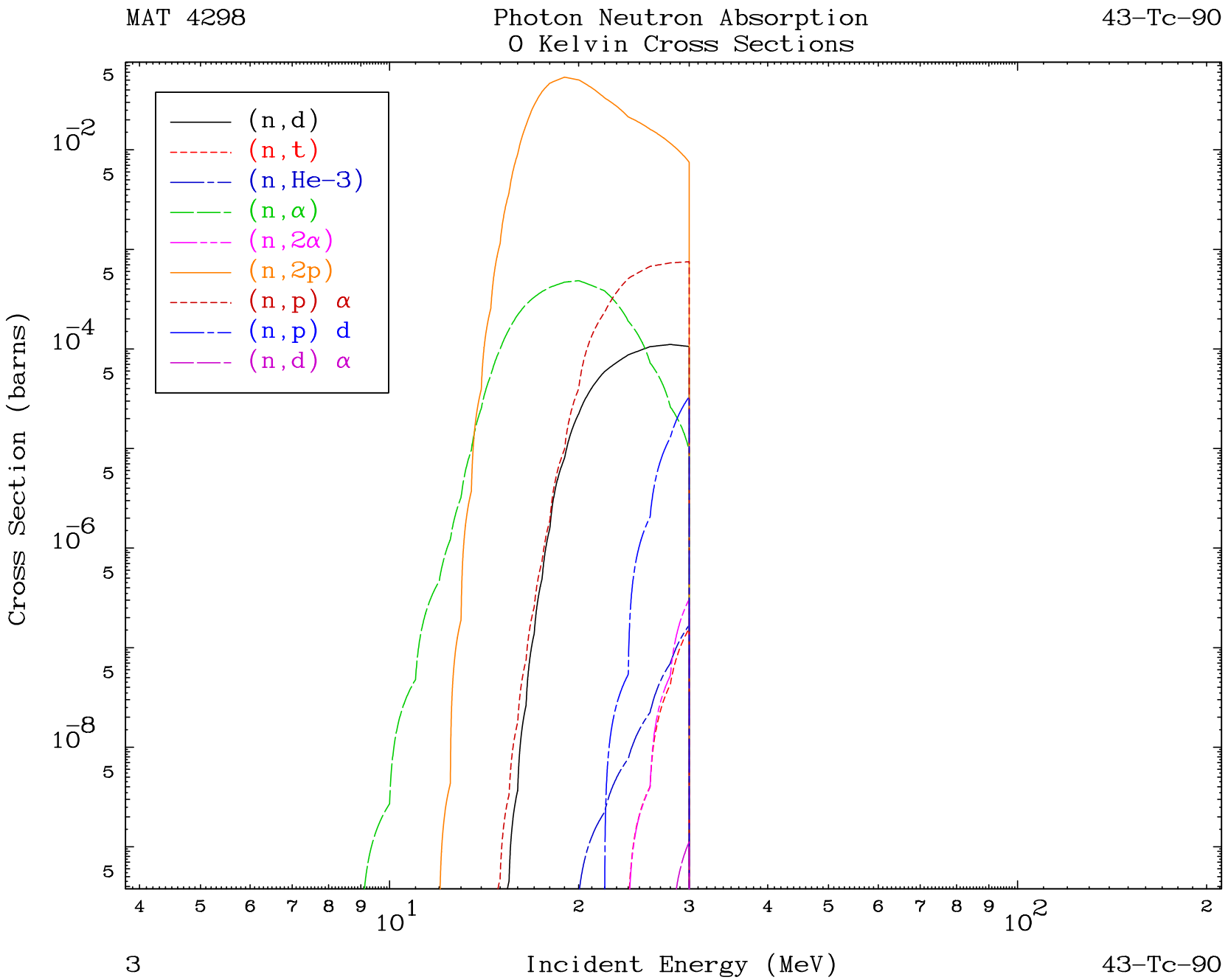
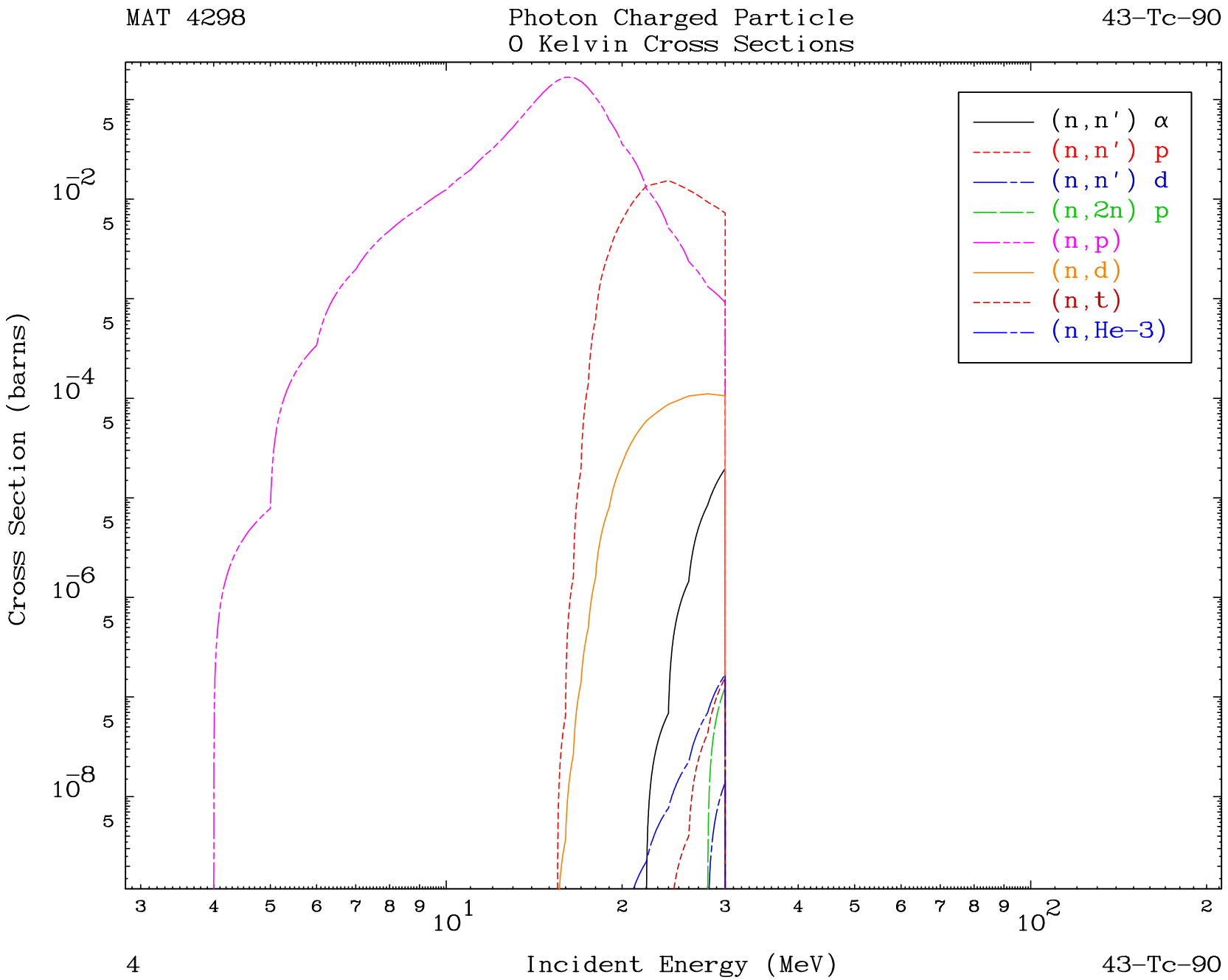
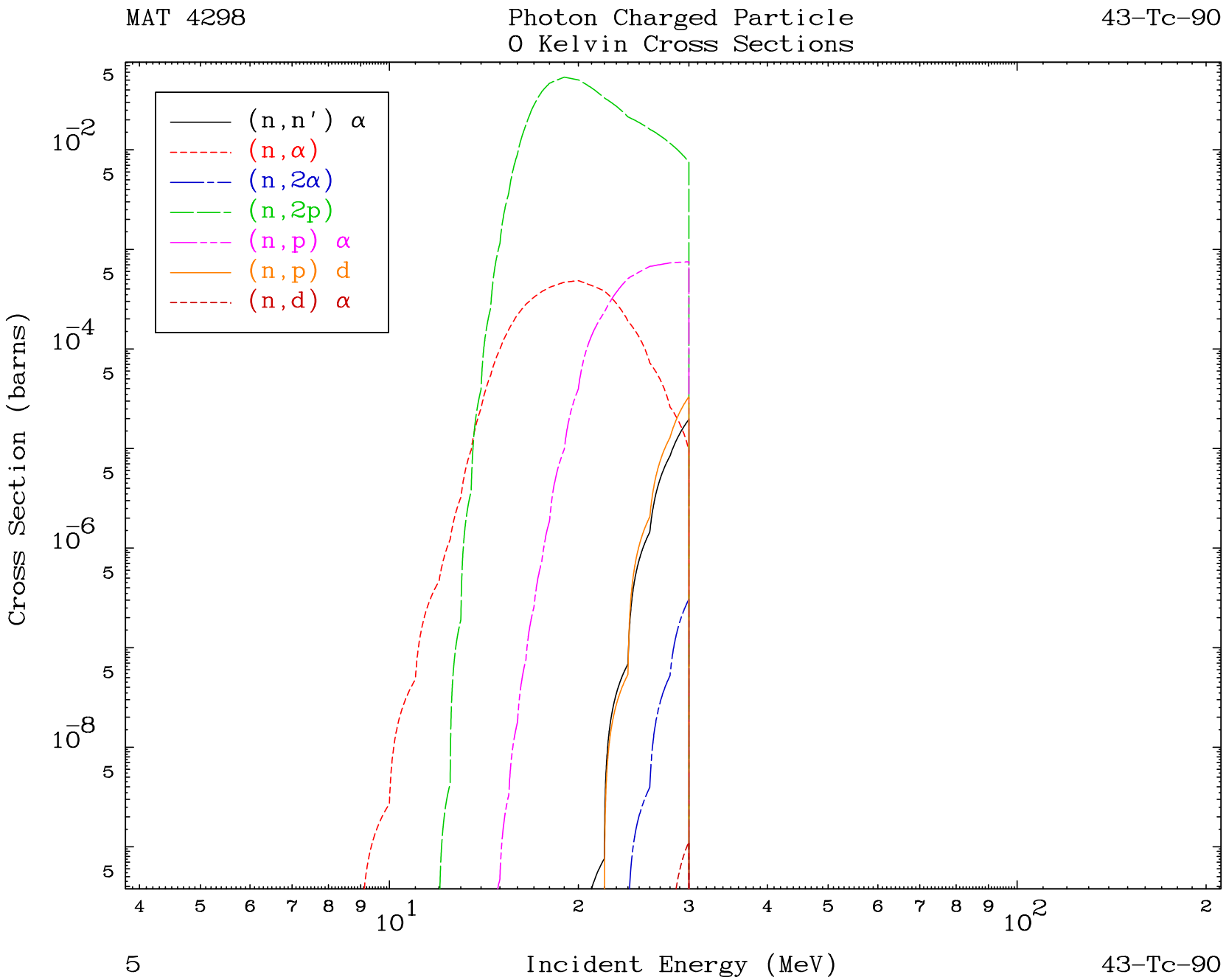
Press Mouse Button to Start

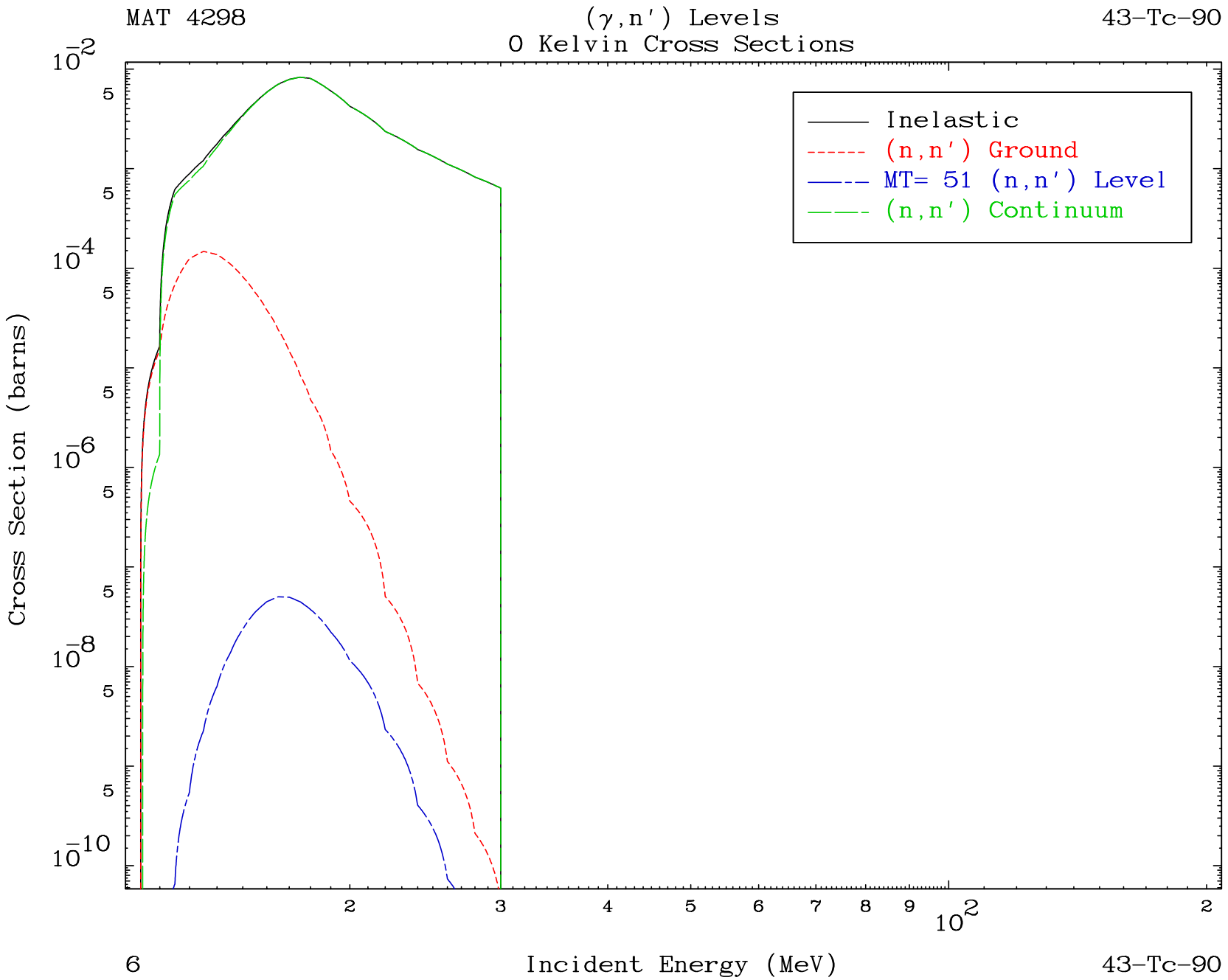

MAT 4298
Photon Major
43-Tc-90
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
43-Tc-90

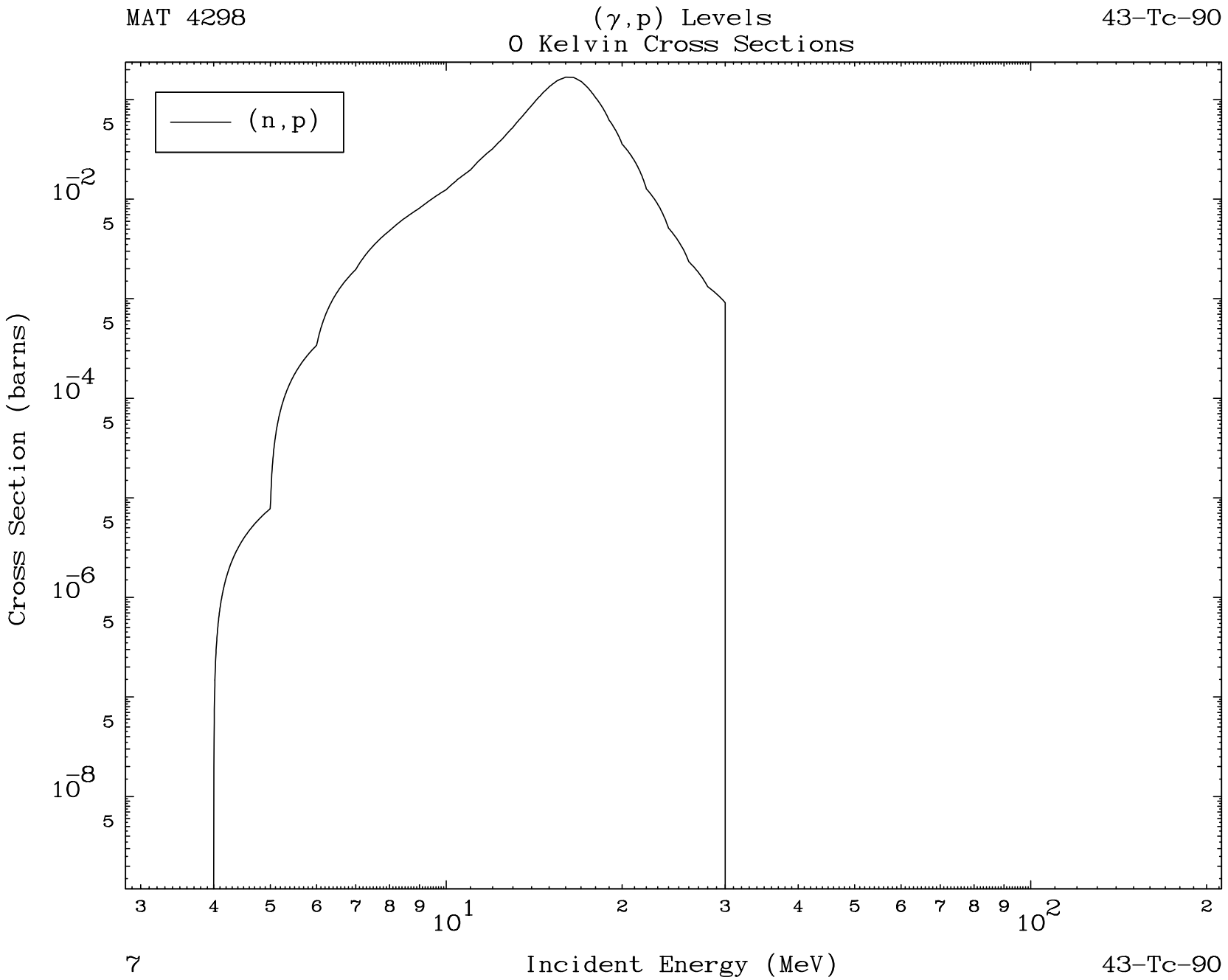

MAT 4298
Photon Neutron Absorption
0 Kelvin Cross Sections
43-Tc-90
(n,2n)
(n,n') α
(n,n') p
(n,n') d
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
43-Tc-90
2

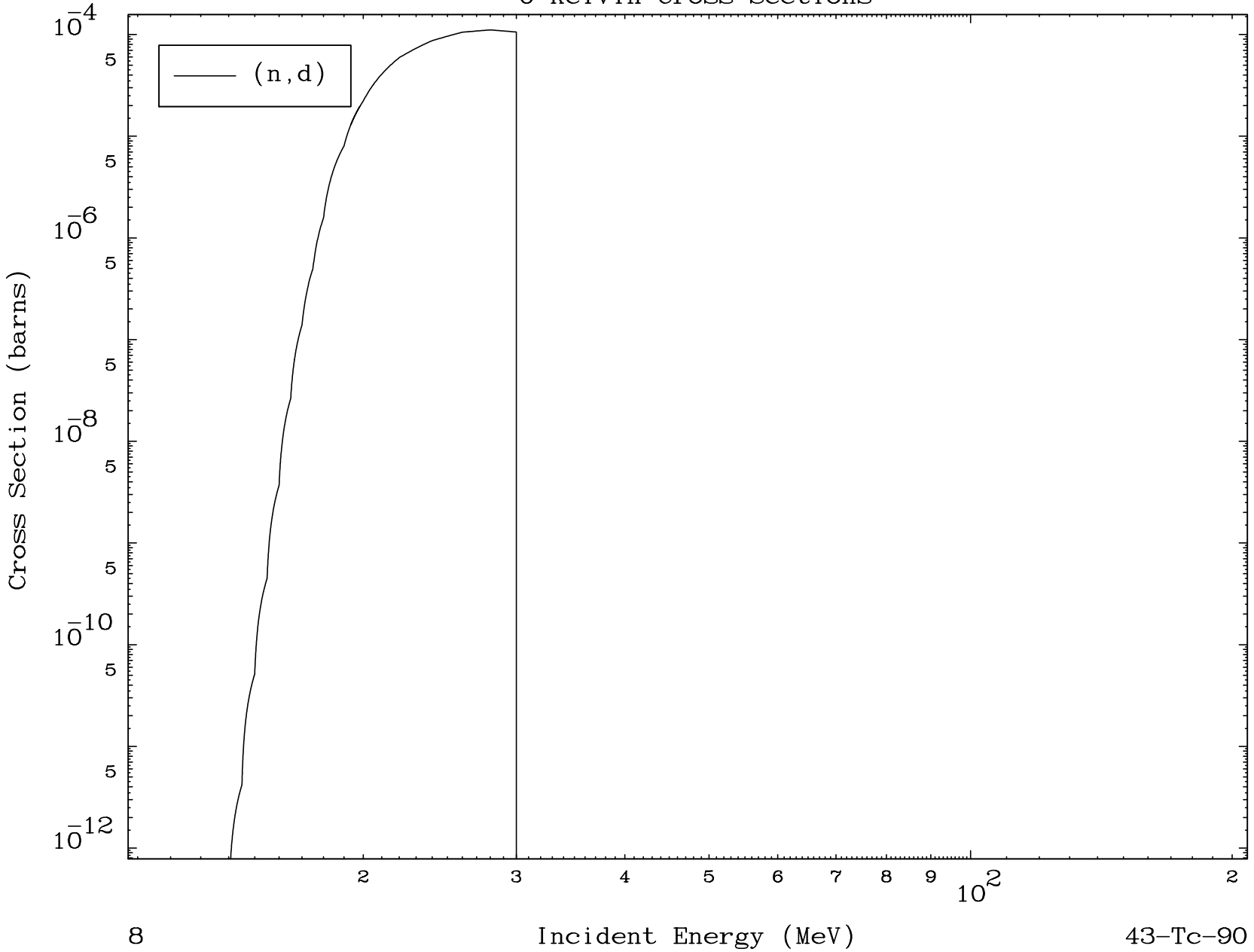

MAT 4298
Photon Neutron Absorption
0 Kelvin Cross Sections
43-Tc-90
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
43-Tc-90

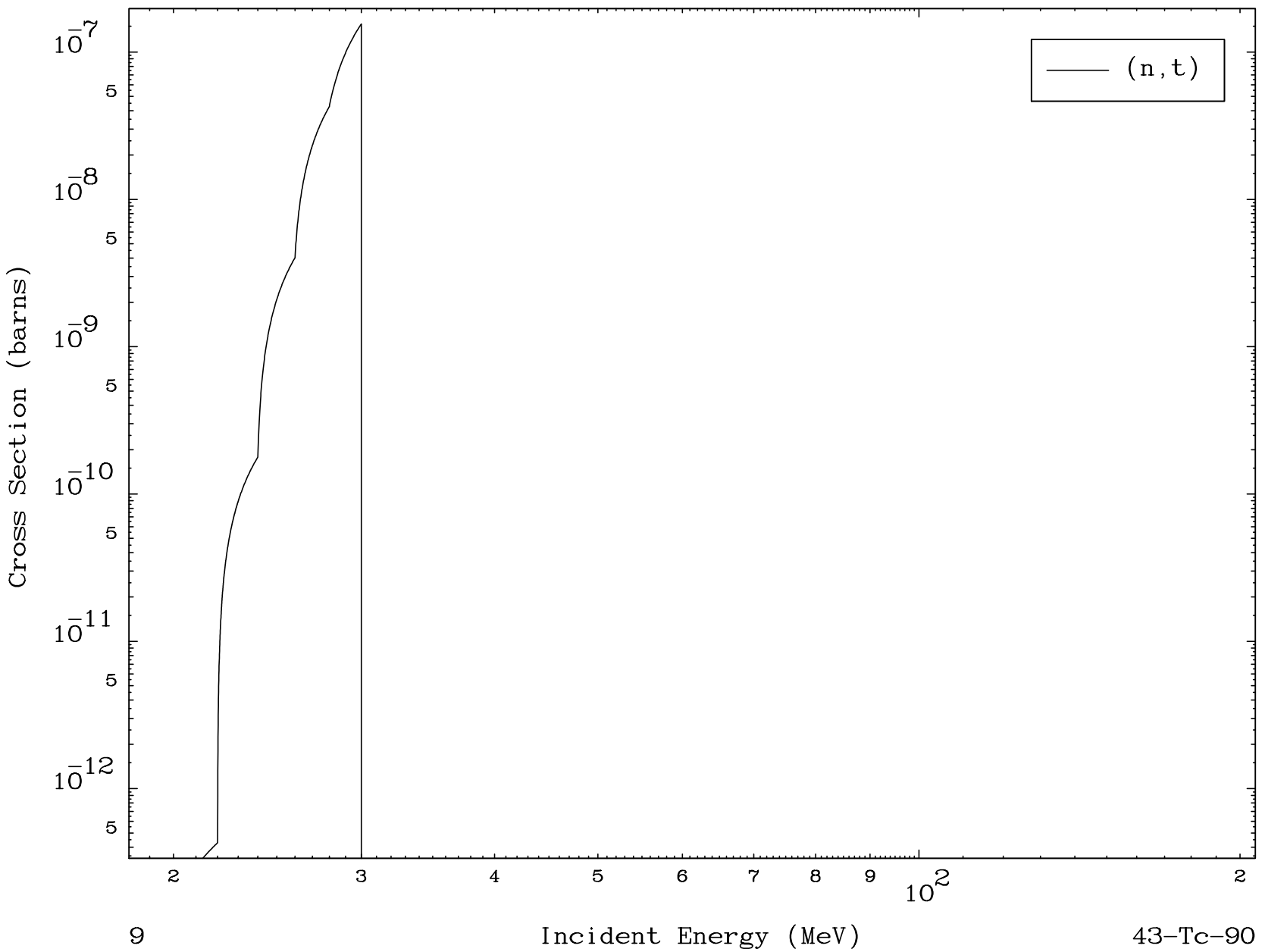

MAT 4298
Photon Charged Particle
0 Kelvin Cross Sections
43-Tc-90
(n,n') α
(n,n') p
(n,n') d
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
4
43-Tc-90

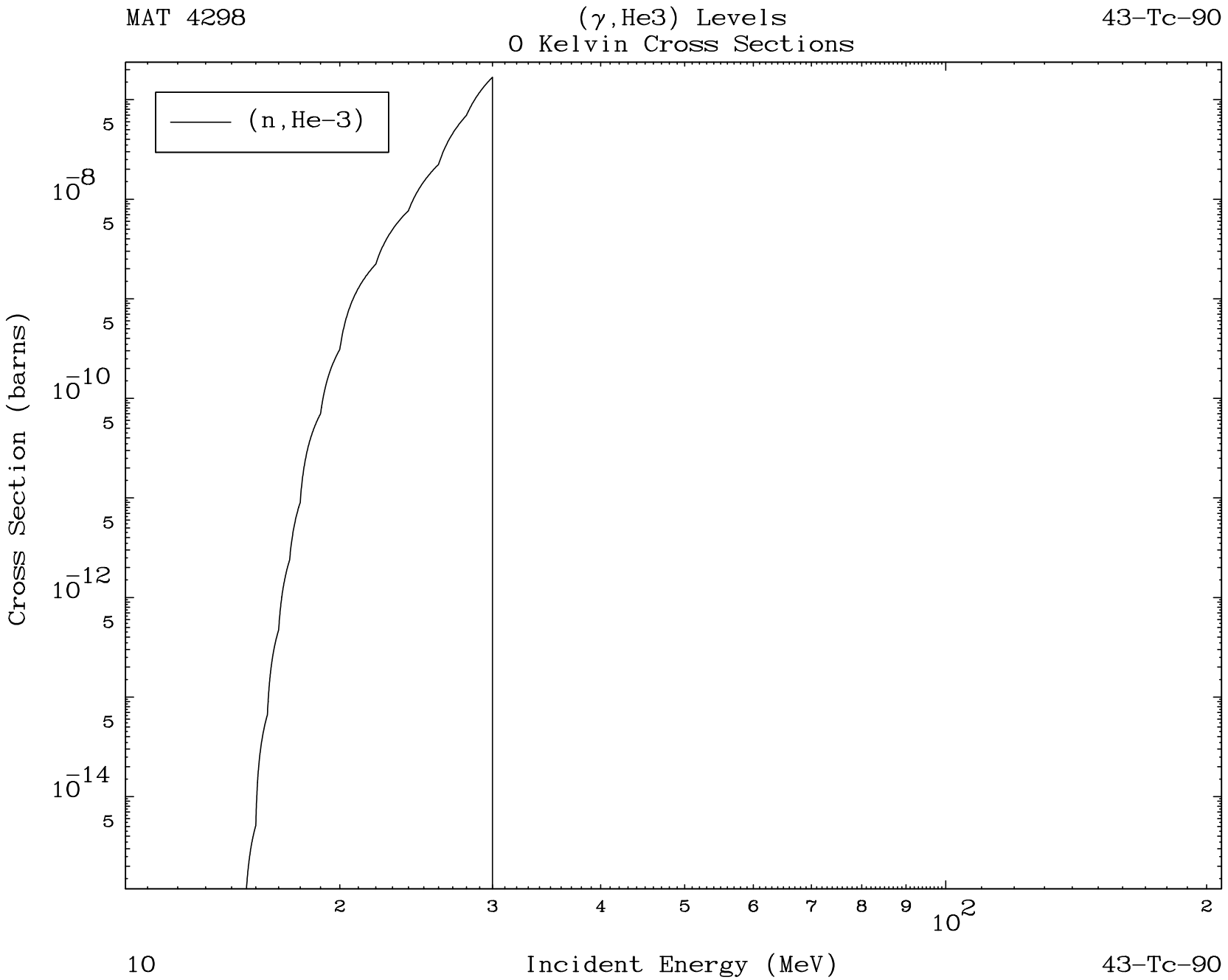

MAT 4298
Photon Charged Particle
0 Kelvin Cross Sections
43-Tc-90
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
43-Tc-90

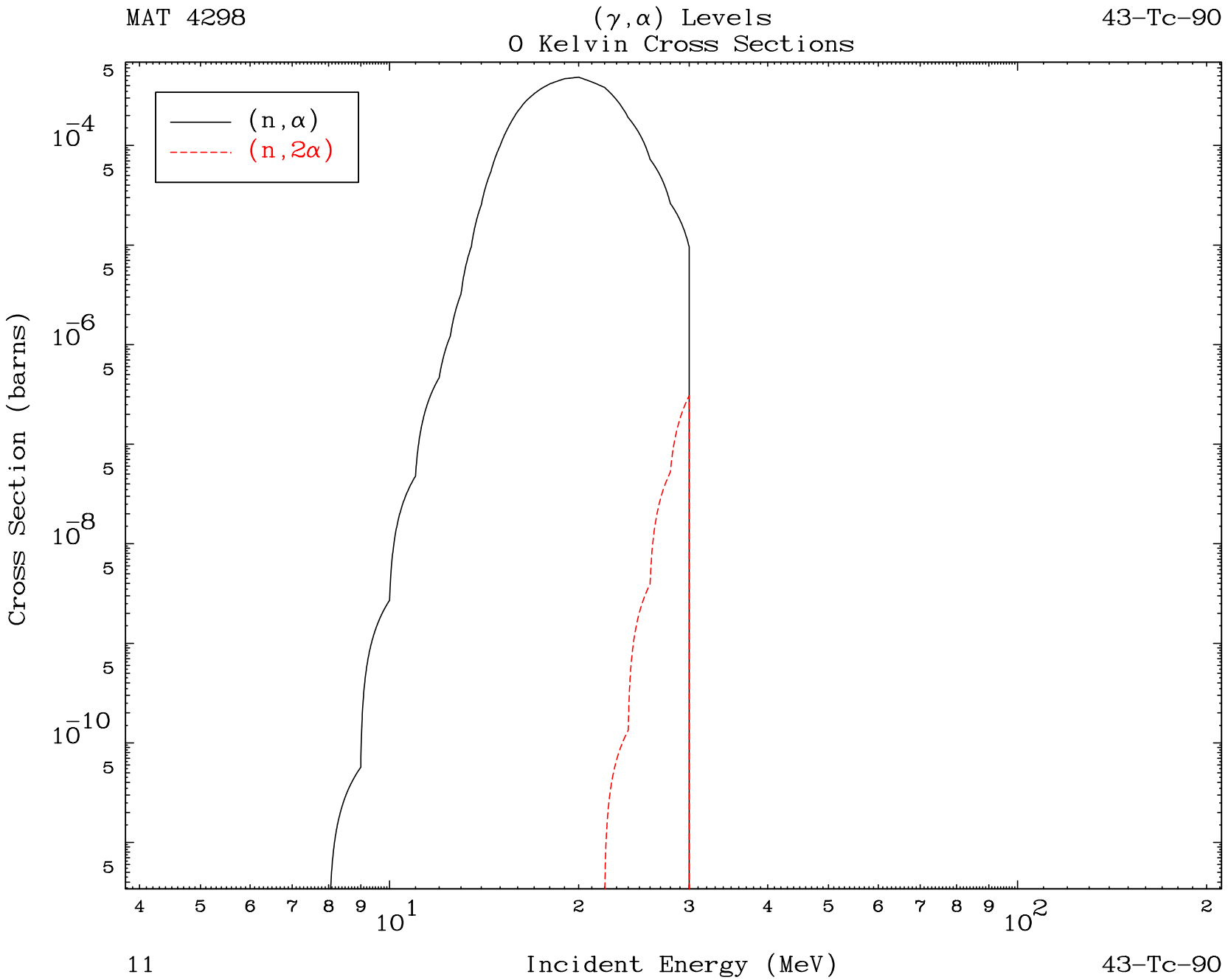

MAT 4298
(γ,n') Levels
43-Tc-90
0 Kelvin Cross Sections
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
6
43-Tc-90

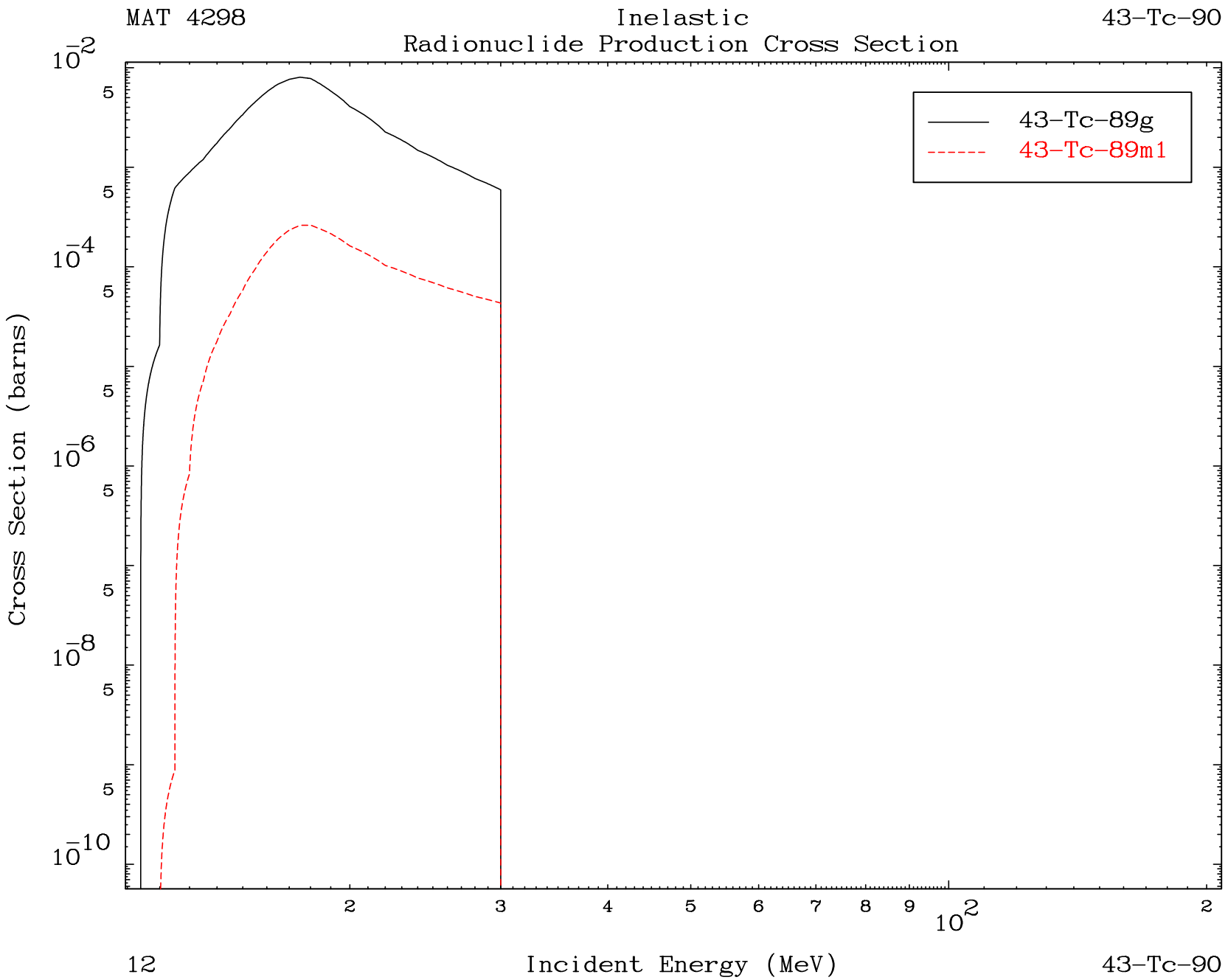

MAT 4298
(γ,p) Levels
43-Tc-90
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
7
43-Tc-90

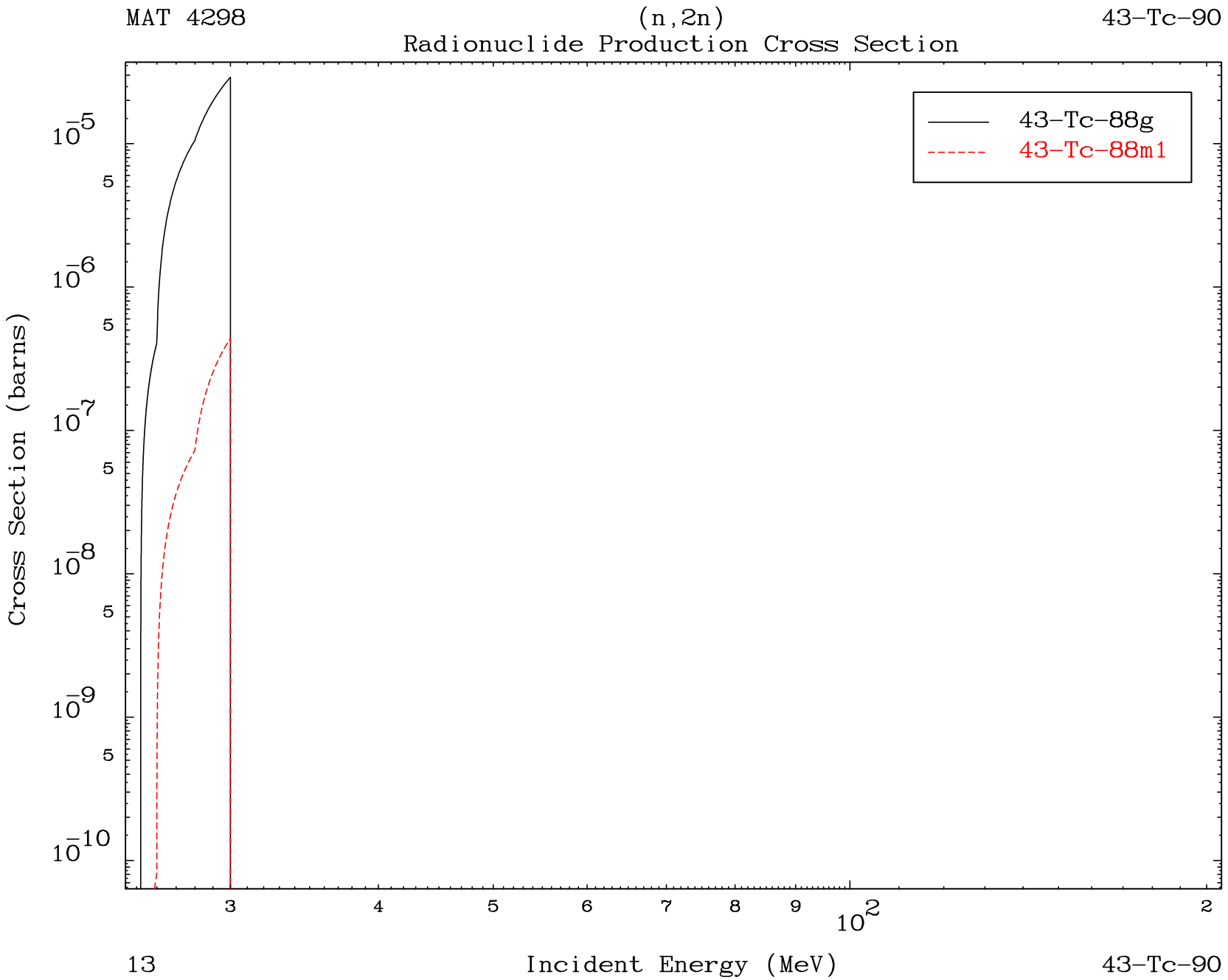

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
5
10^-6
5
10^-8
5
10^-10
5
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

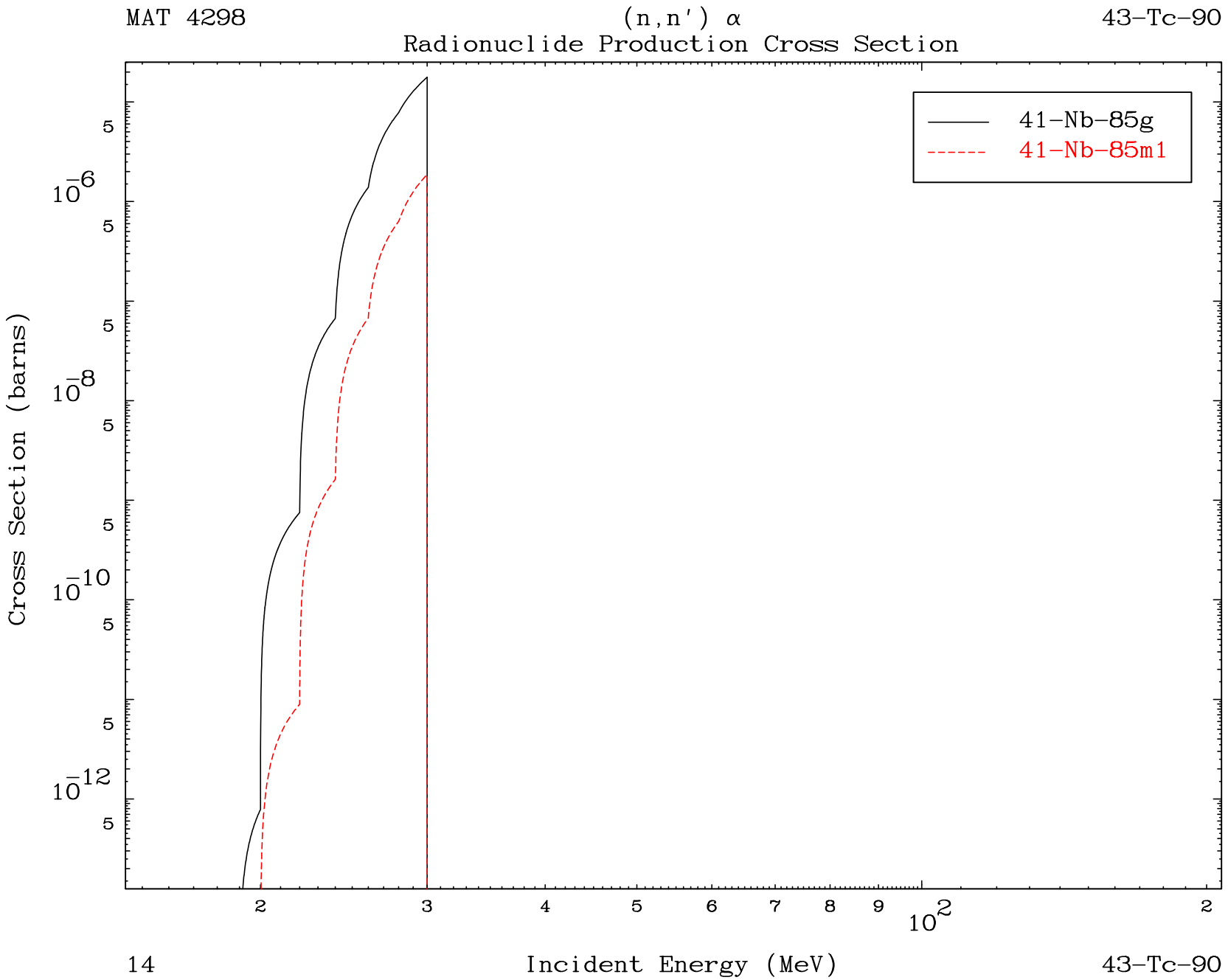

0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-7
5
10-8
5
10-9
5
10-10
5
10-11
5
10-12
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)

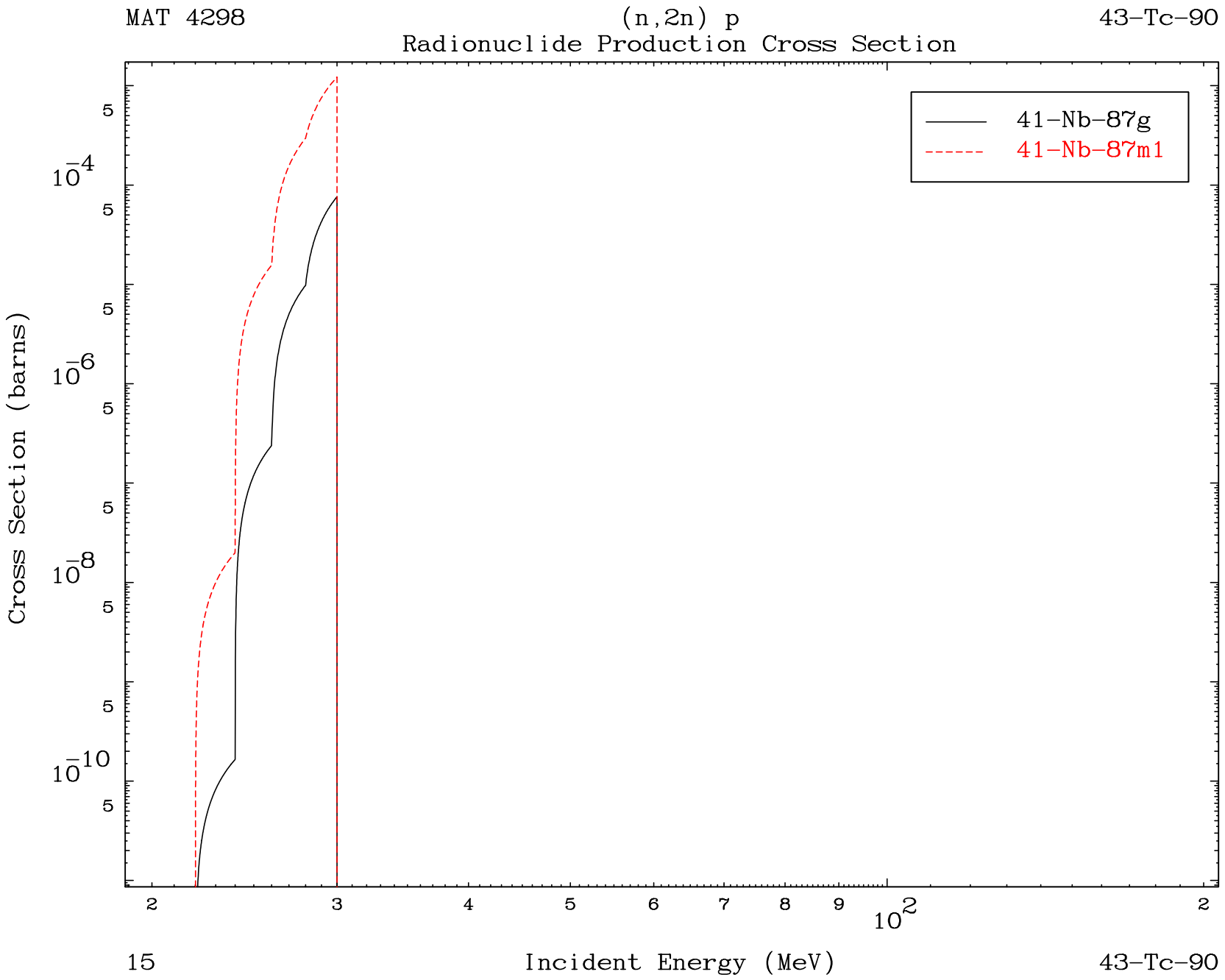

MAT 4298
(γ,He3) Levels
43-Tc-90
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
43-Tc-90

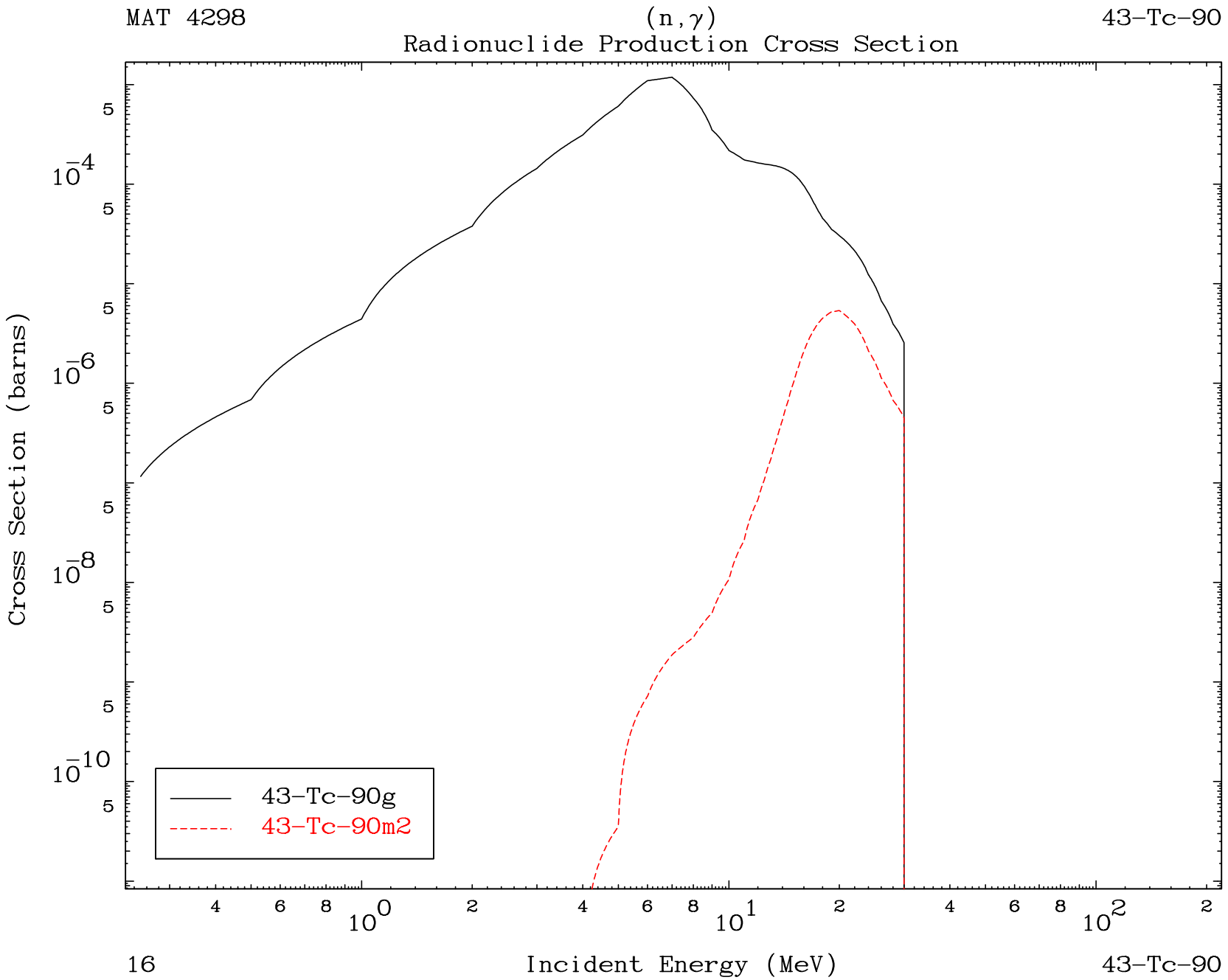

MAT 4298
(γ,α) Levels
43-Tc-90
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
11
43-Tc-90

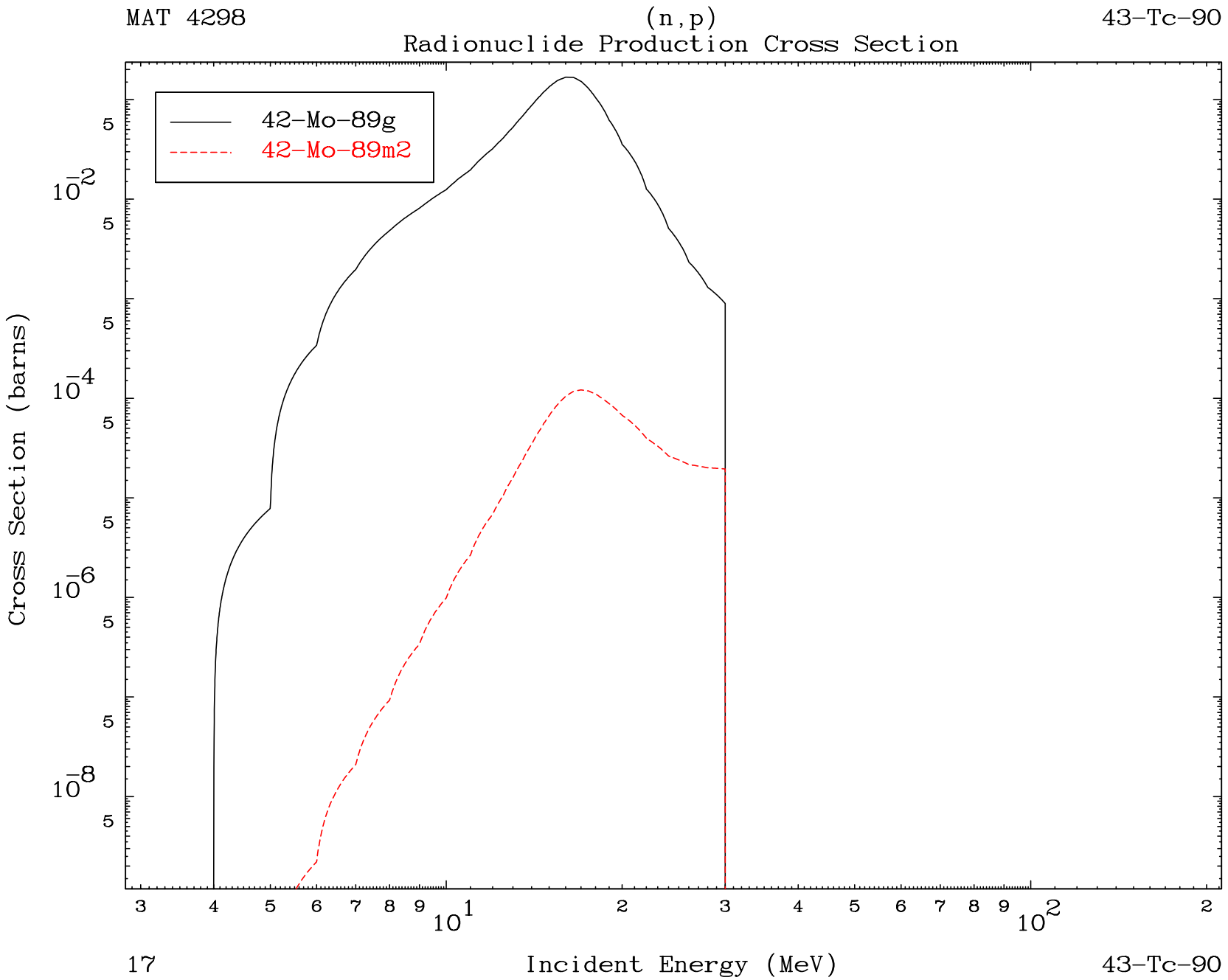

MAT 4298
Inelastic
43-Tc-90
Radionuclide Production Cross Section
43-Tc-89g
43-Tc-89m1
Cross Section (barns)
Incident Energy (MeV)
12
43-Tc-90

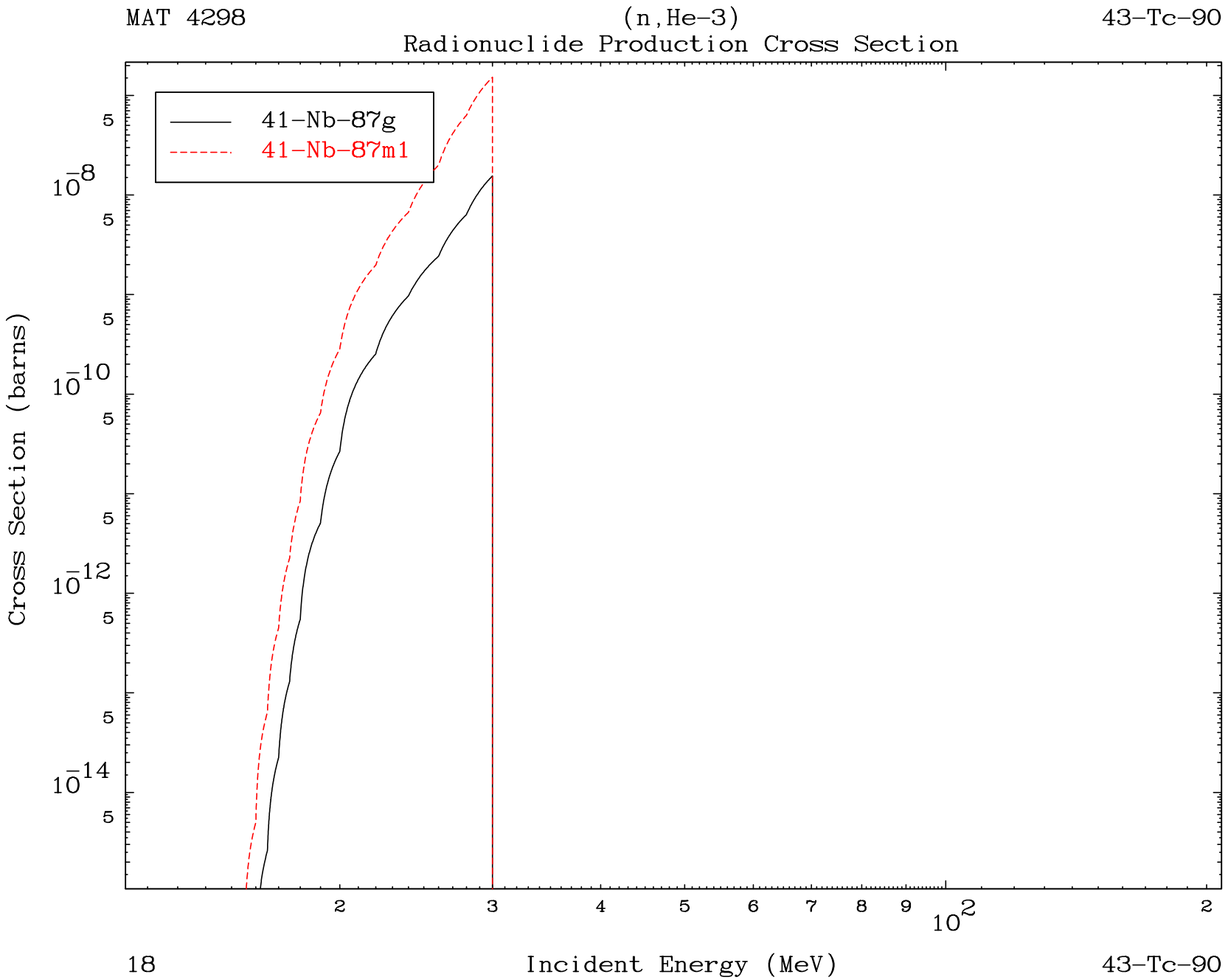

MAT 4298
(n,2n)
43-Tc-90
Radionuclide Production Cross Section
43-Tc-88g
43-Tc-88m1
Cross Section (barns)
10-5
10-6
10-7
10-8
10-9
10-10
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
43-Tc-90

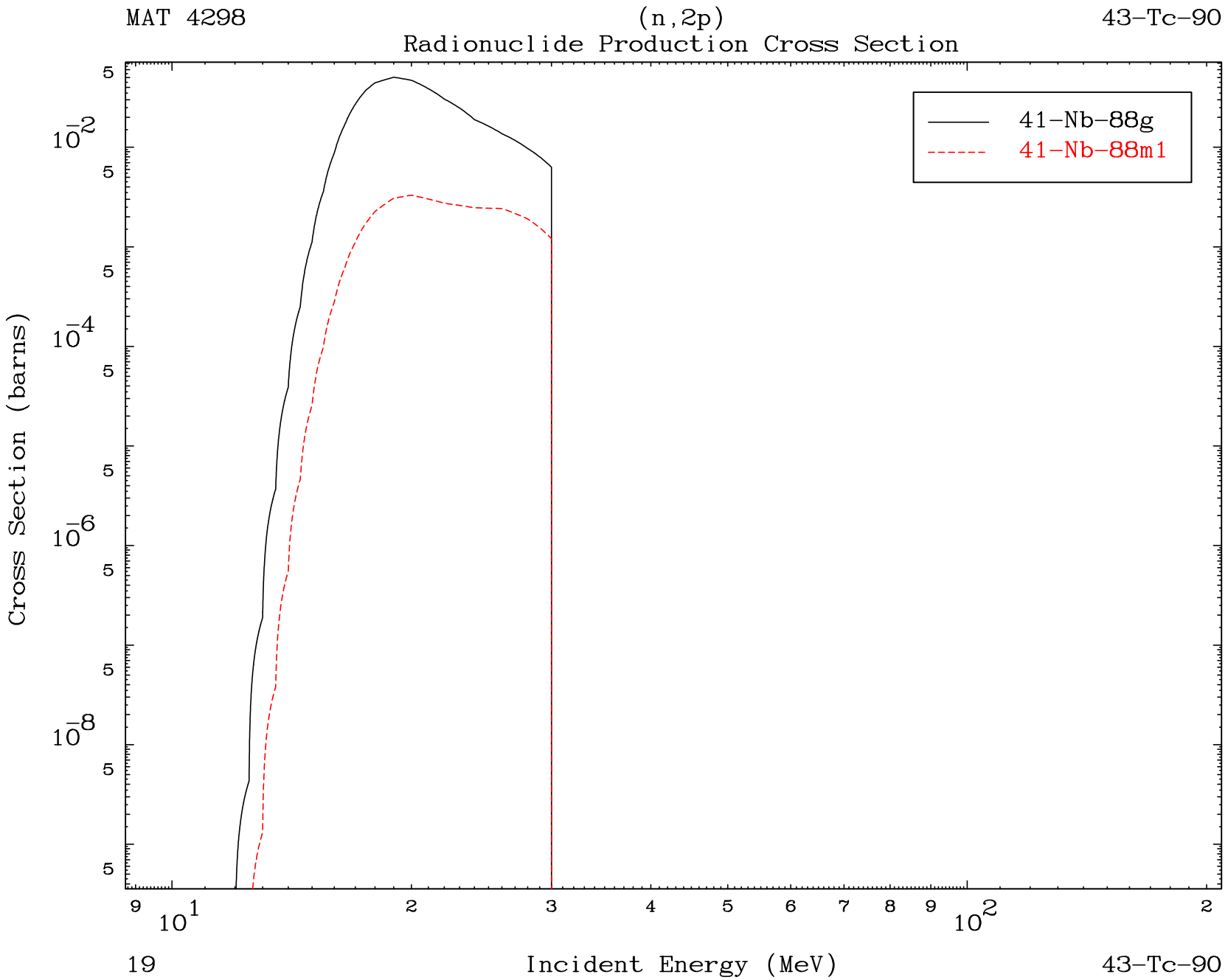

MAT 4298
(n,n') α
43-Tc-90
Radionuclide Production Cross Section
41-Nb-85g
41-Nb-85m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
14
Incident Energy (MeV)
43-Tc-90

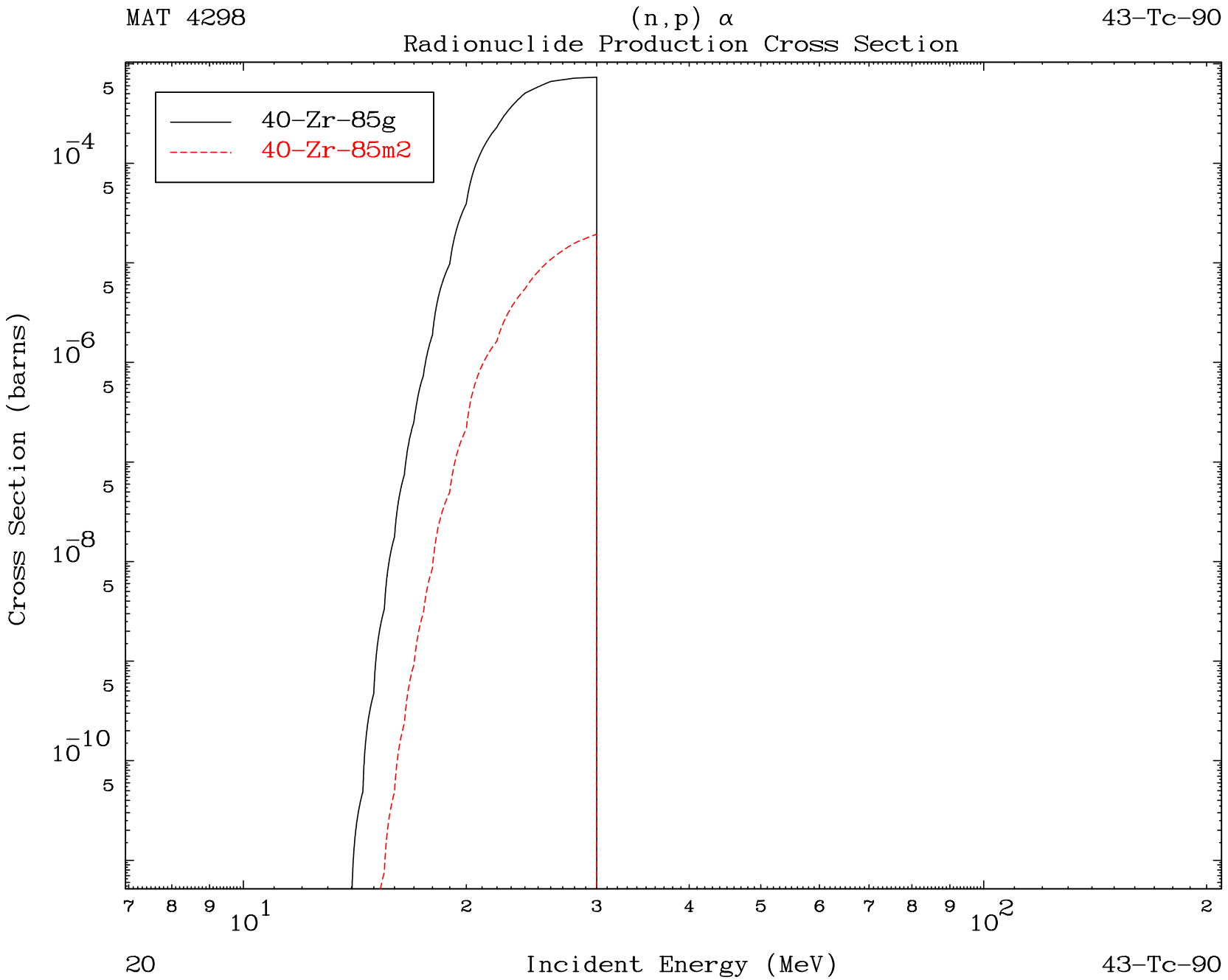

MAT 4298
(n,2n) p
43-Tc-90
Radionuclide Production Cross Section
41-Nb-87g
41-Nb-87m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
43-Tc-90

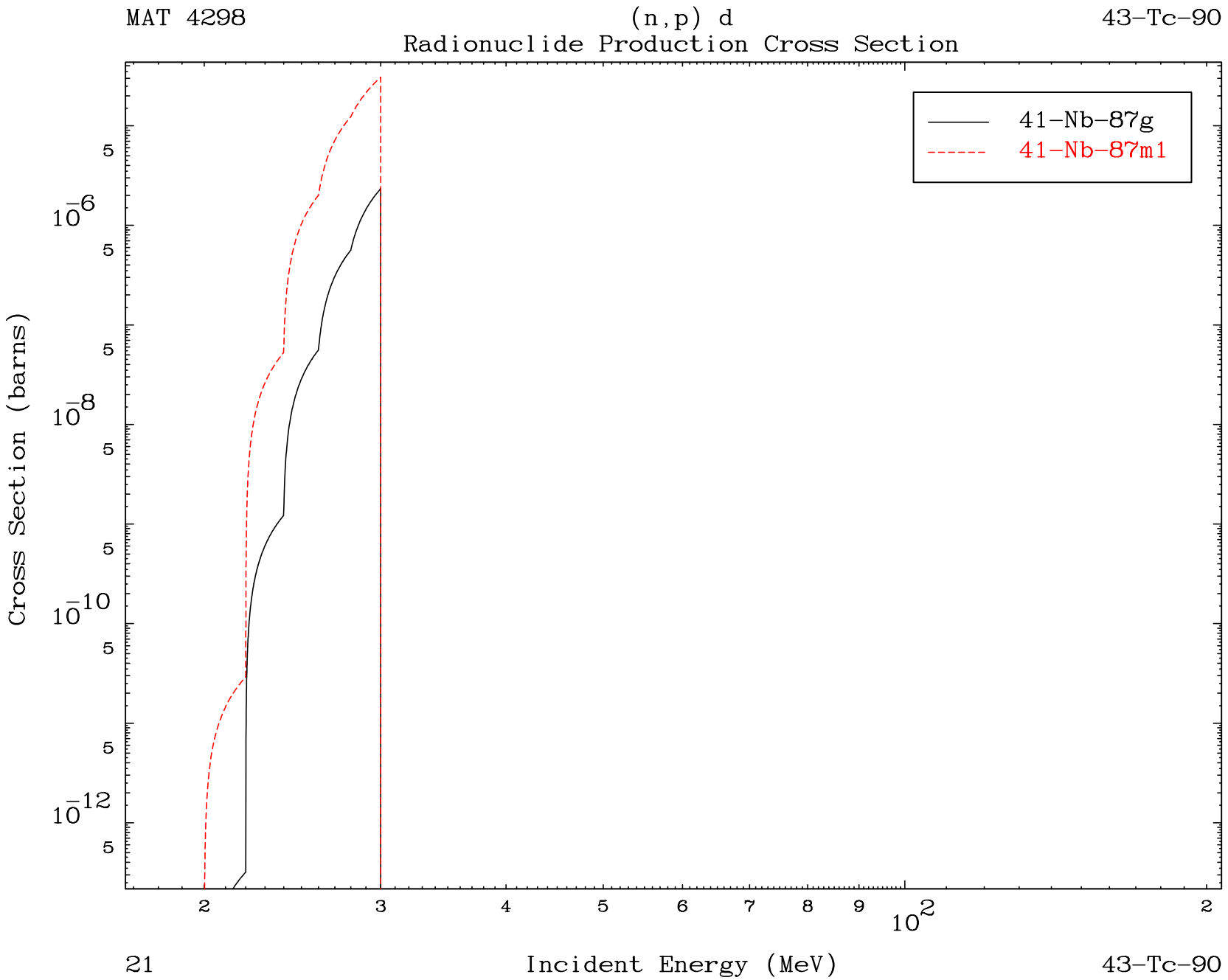

MAT 4298
(n,γ)
43-Tc-90
Radionuclide Production Cross Section
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
43-Tc-90g
43-Tc-90m2
16
43-Tc-90


MAT 4298
(n,p)
43-Tc-90
Radionuclide Production Cross Section
42-Mo-89g
42-Mo-89m2
Cross Section (barns)
10-2
10-4
10-6
10-8
3 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-90


MAT 4298
(n,He-3)
43-Tc-90
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
18
Incident Energy (MeV)
43-Tc-90


MAT 4298
(n,2p)
43-Tc-90
Radionuclide Production Cross Section
41-Nb-88g
41-Nb-88m1
Cross Section (barns)
Incident Energy (MeV)
19
43-Tc-90


MAT 4298
(n,p) α
43-Tc-90
Radionuclide Production Cross Section
40-Zr-85g
40-Zr-85m2
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
20
Incident Energy (MeV)
43-Tc-90


MAT 4298
(n,p) d
43-Tc-90
Radionuclide Production Cross Section
41-Nb-87g
41-Nb-87m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
21
Incident Energy (MeV)
43-Tc-90