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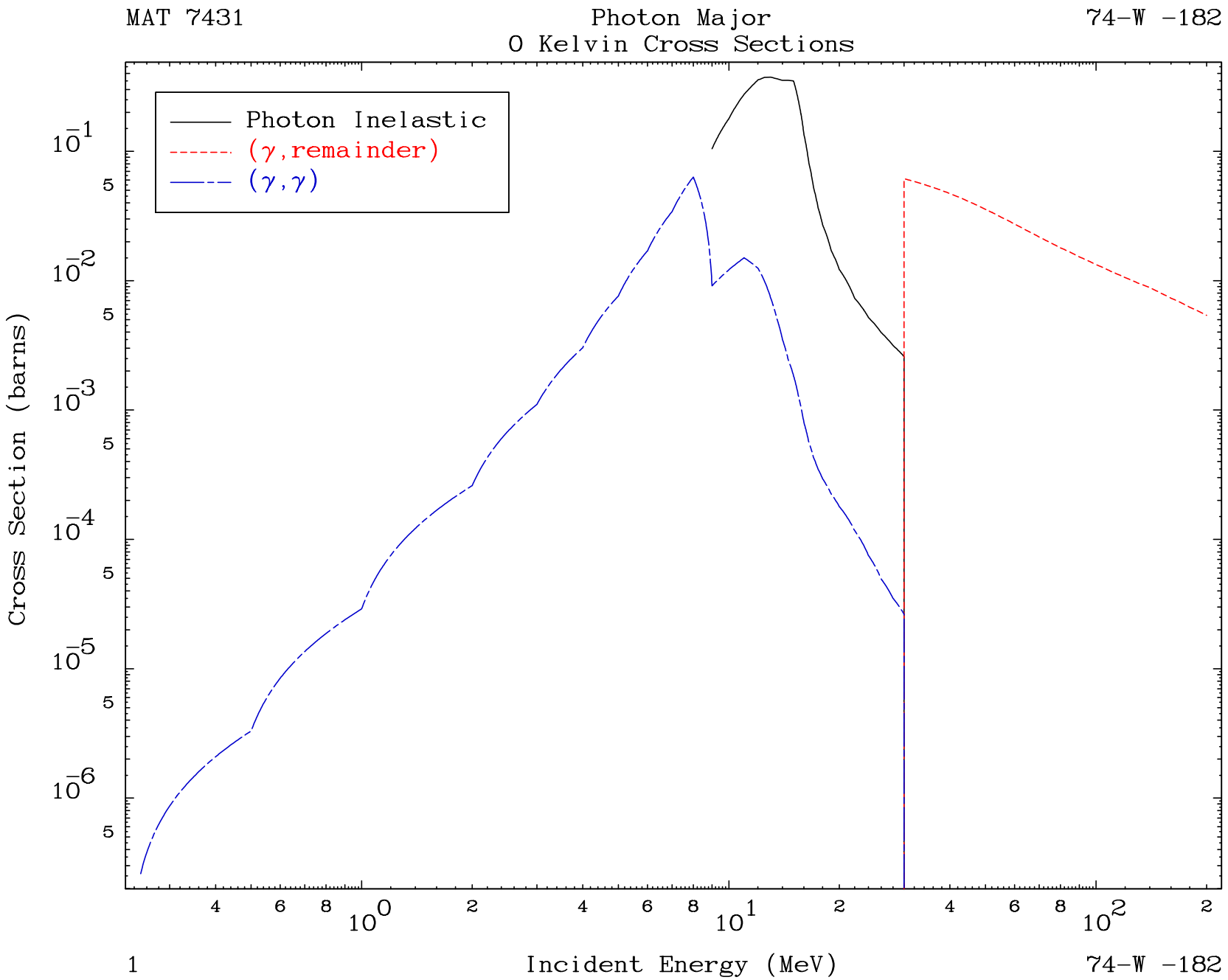
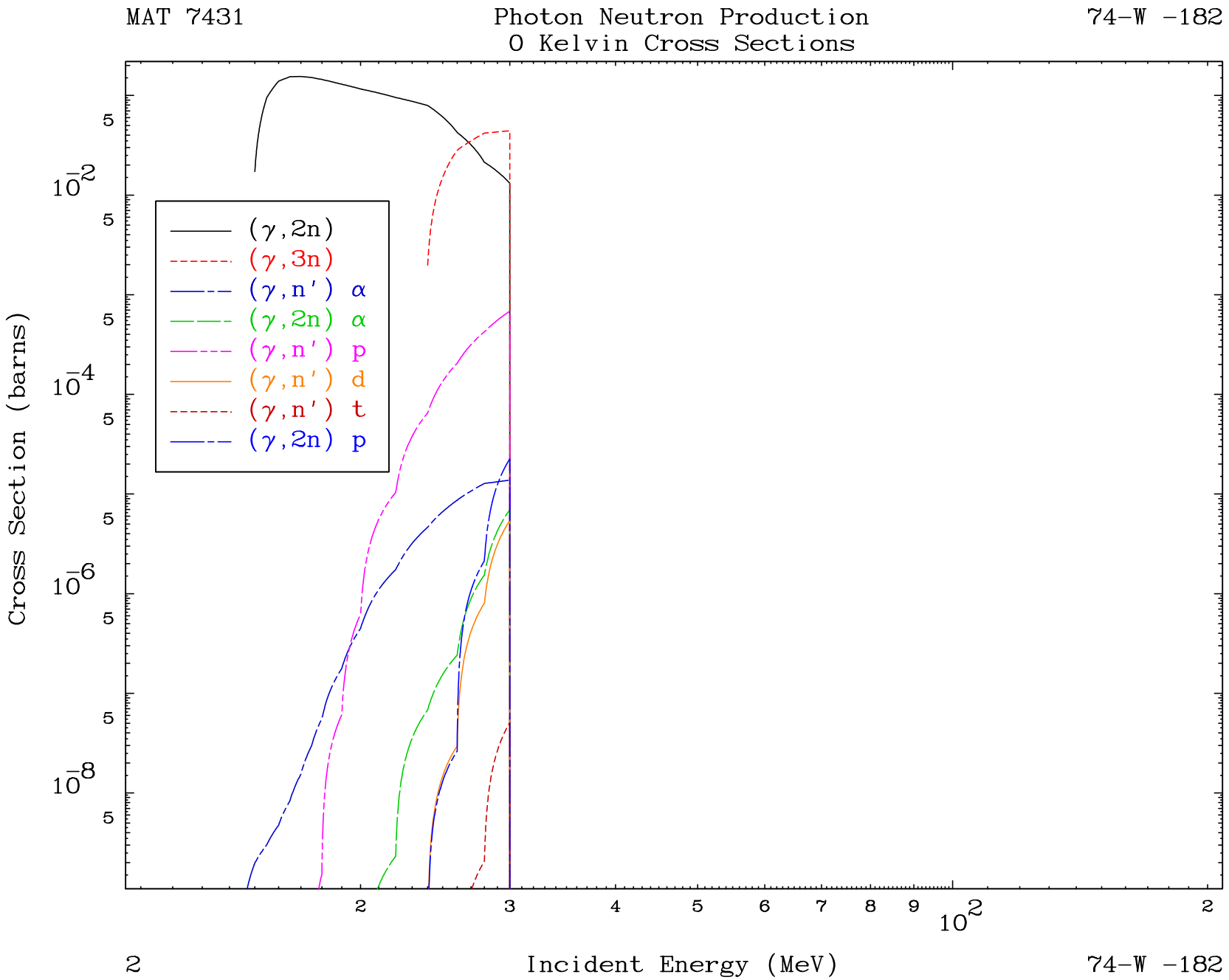
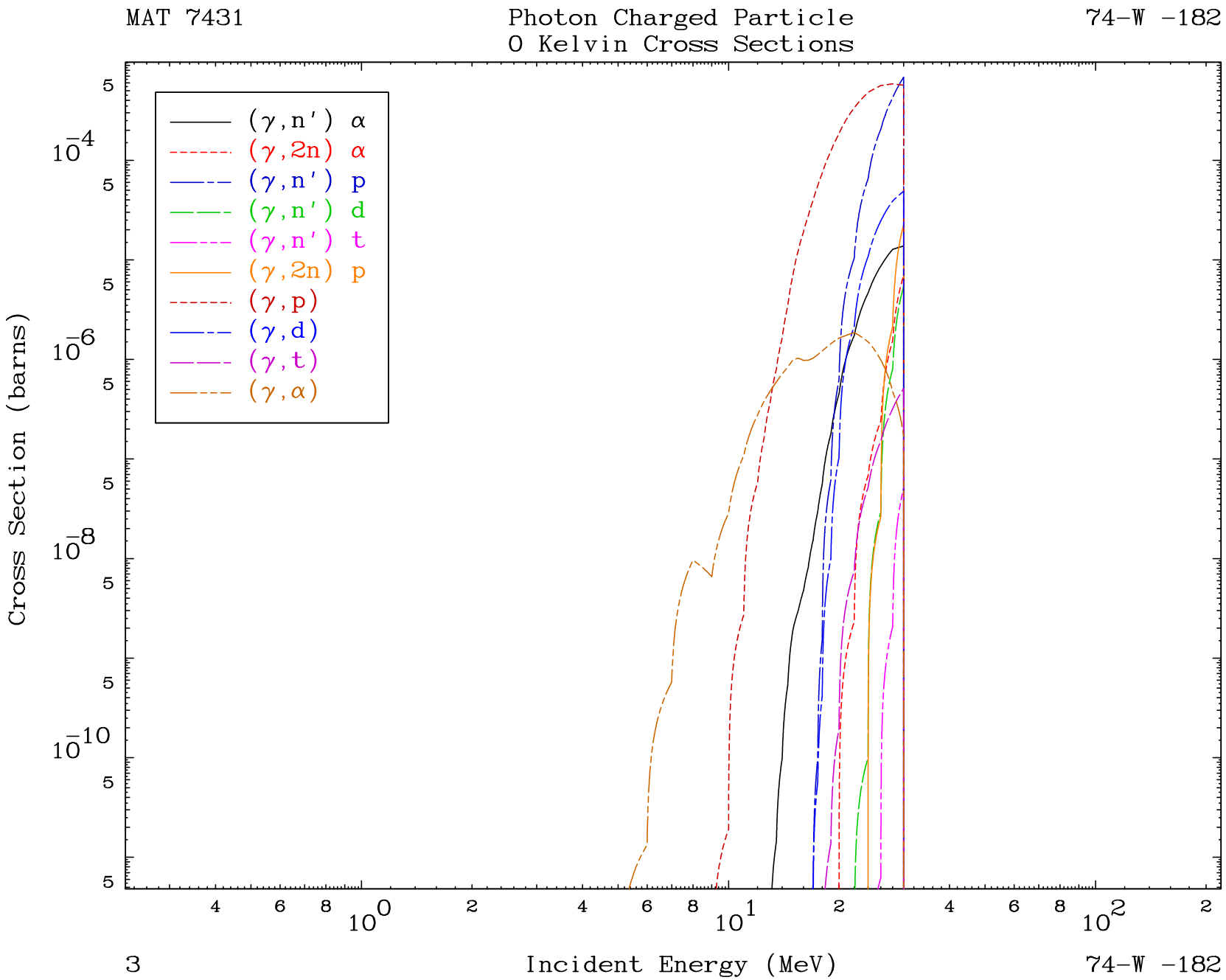
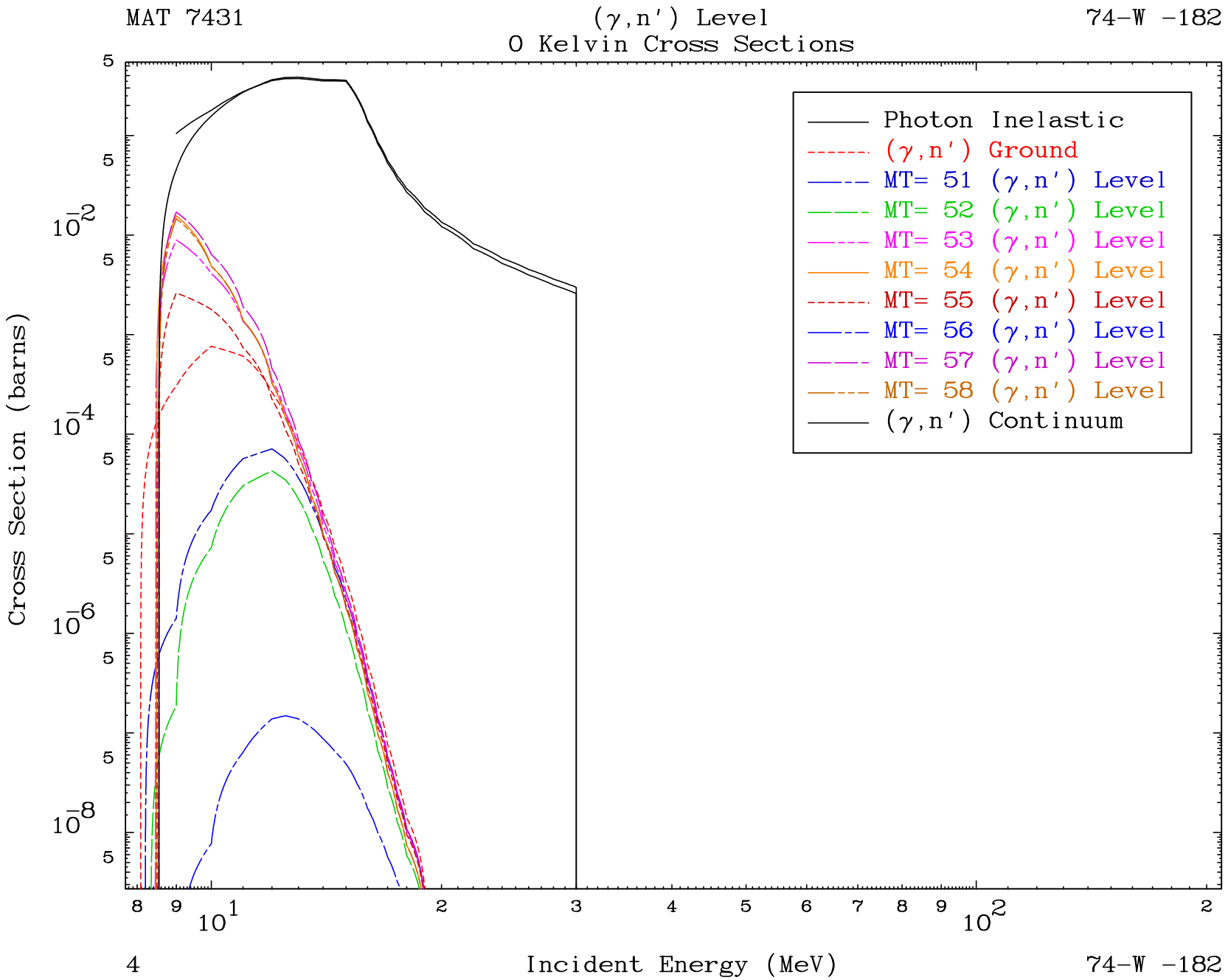
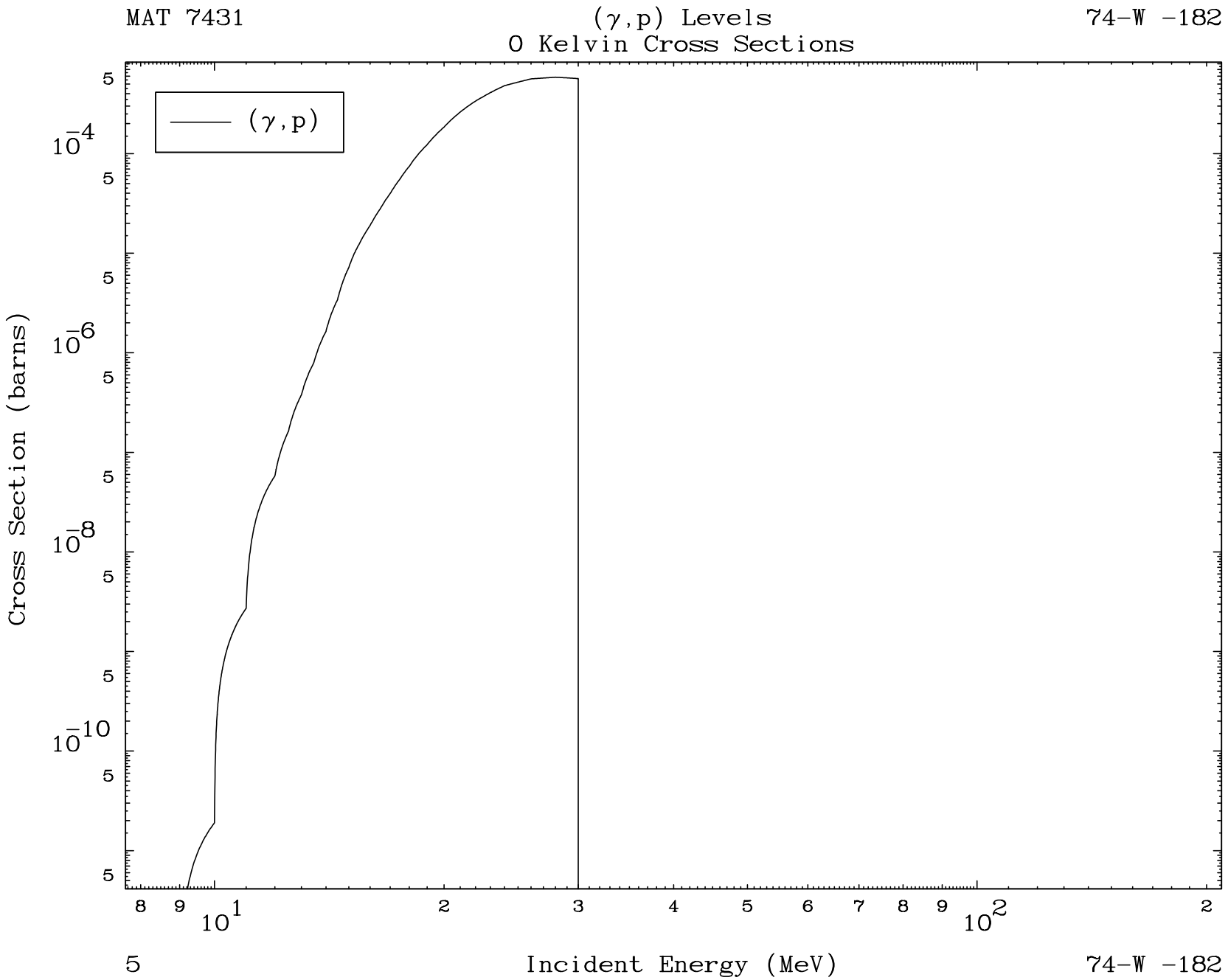
Press Mouse Button to Start

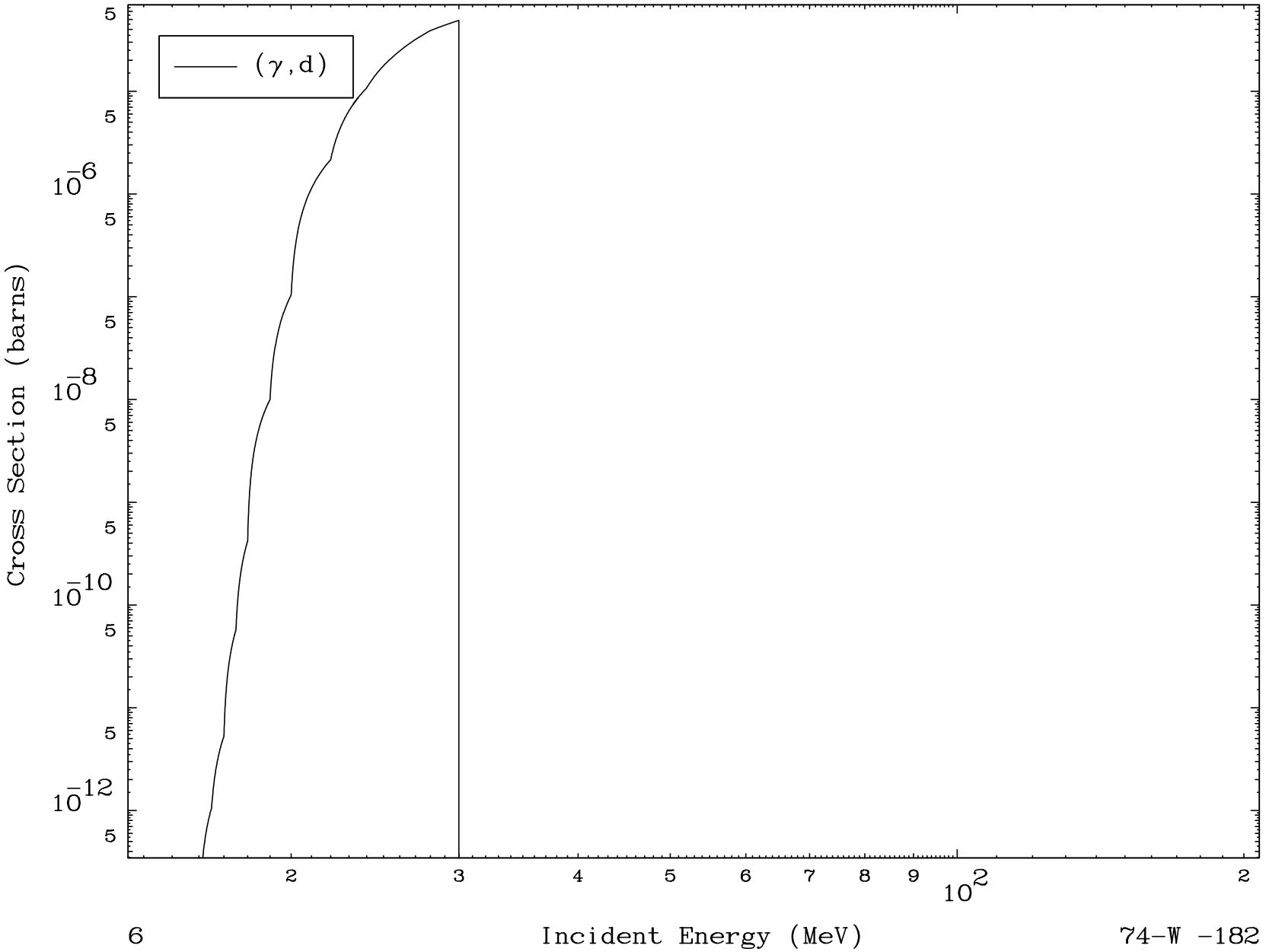

MAT 7431
Photon Major
74-W -182
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
74-W -182
1

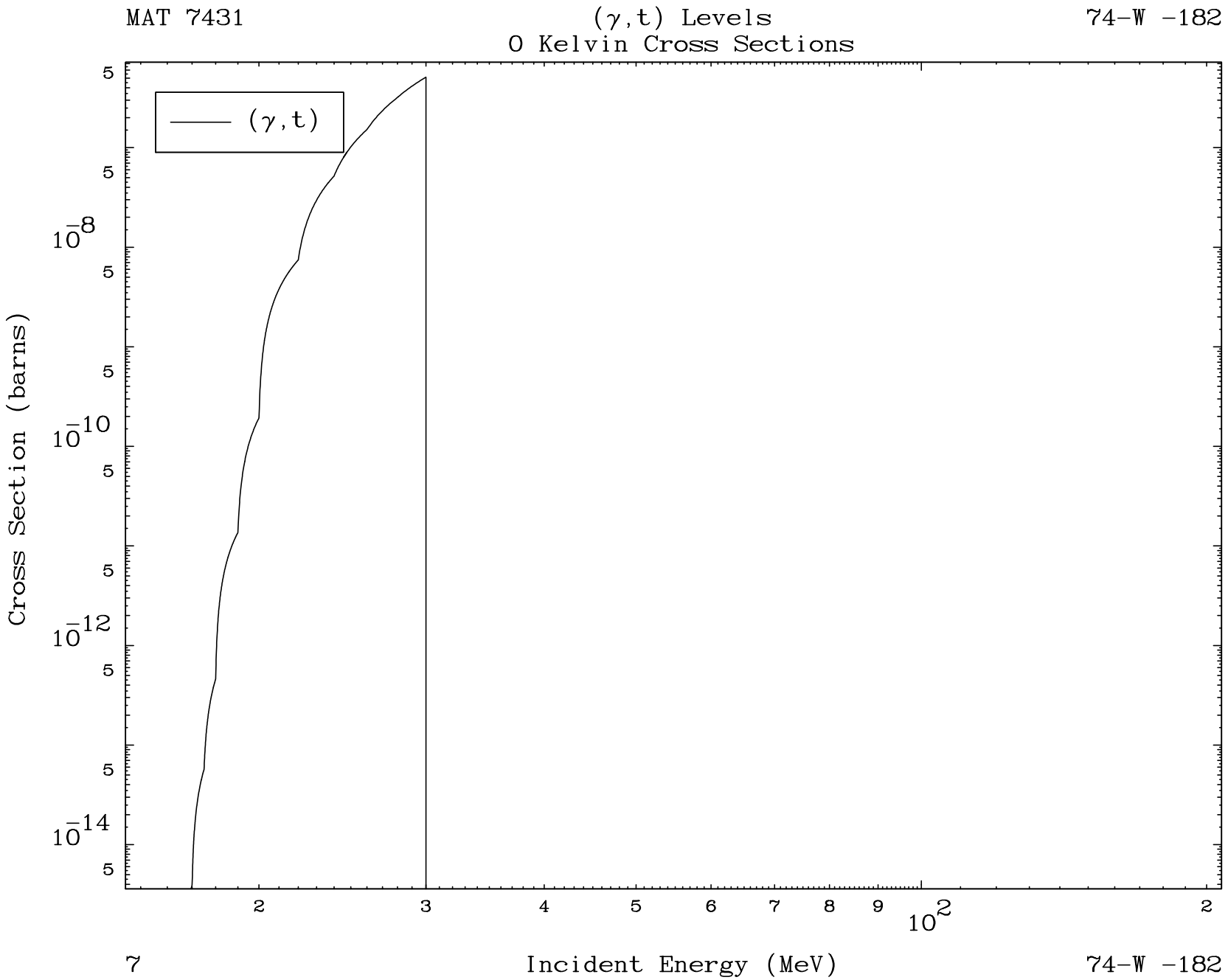

MAT 7431
Photon Neutron Production
0 Kelvin Cross Sections
74-W -182
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
Cross Section (barns)
Incident Energy (MeV)
74-W -182

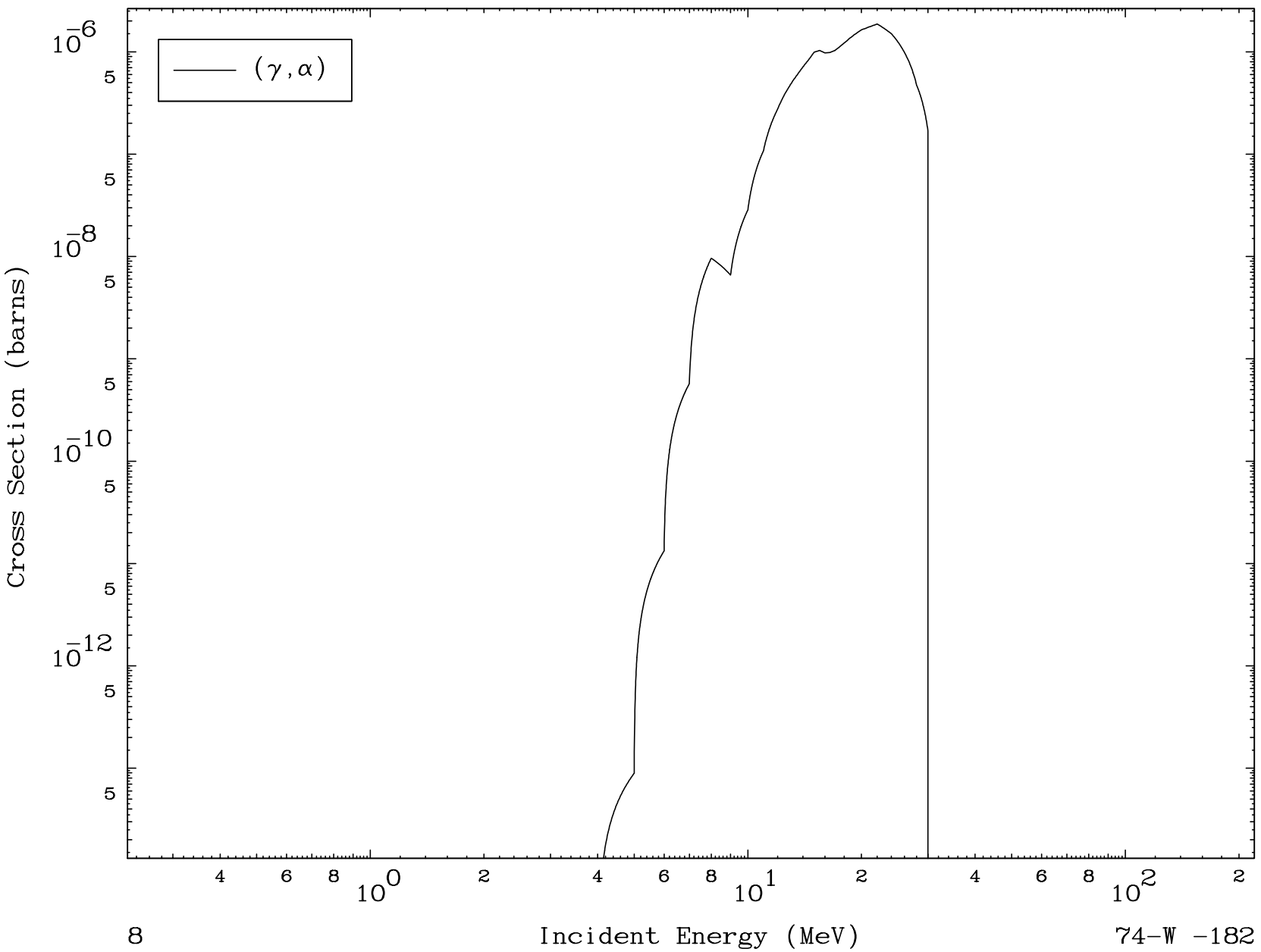

MAT 7431
Photon Charged Particle
0 Kelvin Cross Sections
74-W -182
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
(γ,p)
(γ,d)
(γ,t)
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
3
74-W -182

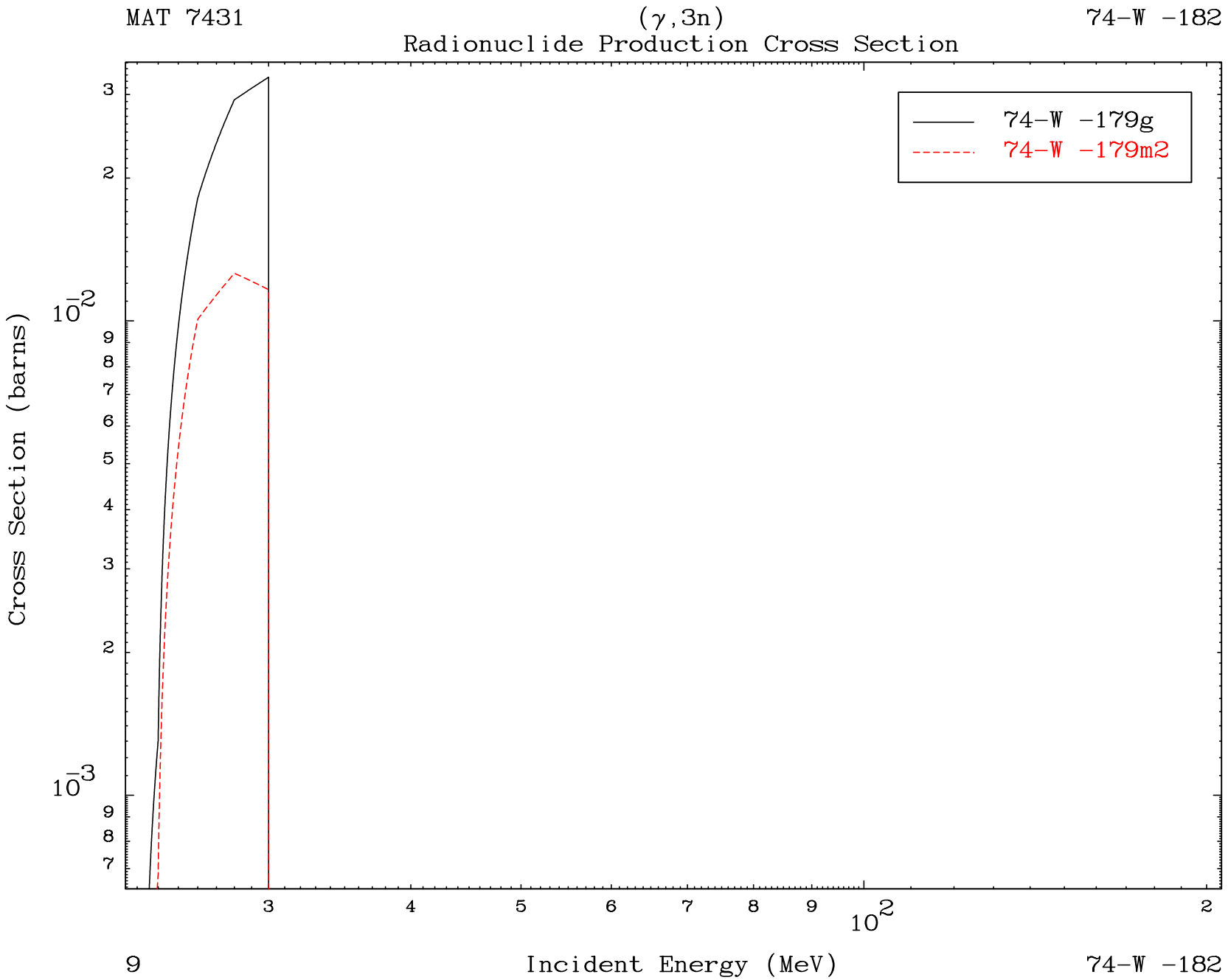

MAT 7431
(γ,n') Level
0 Kelvin Cross Sections
74-W -182
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
MT= 52 (γ,n') Level
MT= 53 (γ,n') Level
MT= 54 (γ,n') Level
MT= 55 (γ,n') Level
MT= 56 (γ,n') Level
MT= 57 (γ,n') Level
MT= 58 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
4
74-W -182

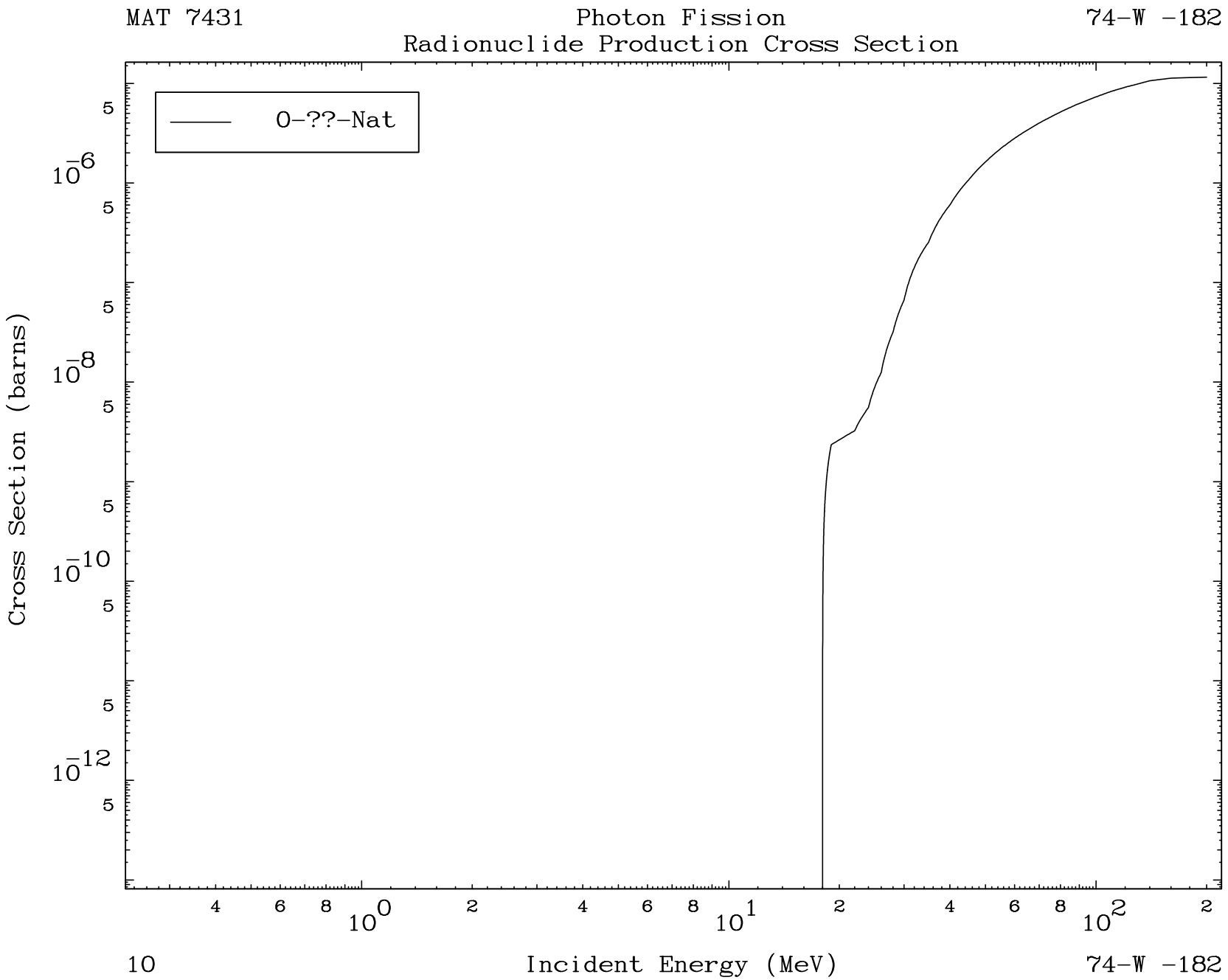

MAT 7431
(γ,p) Levels
74-W -182
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
74-W -182

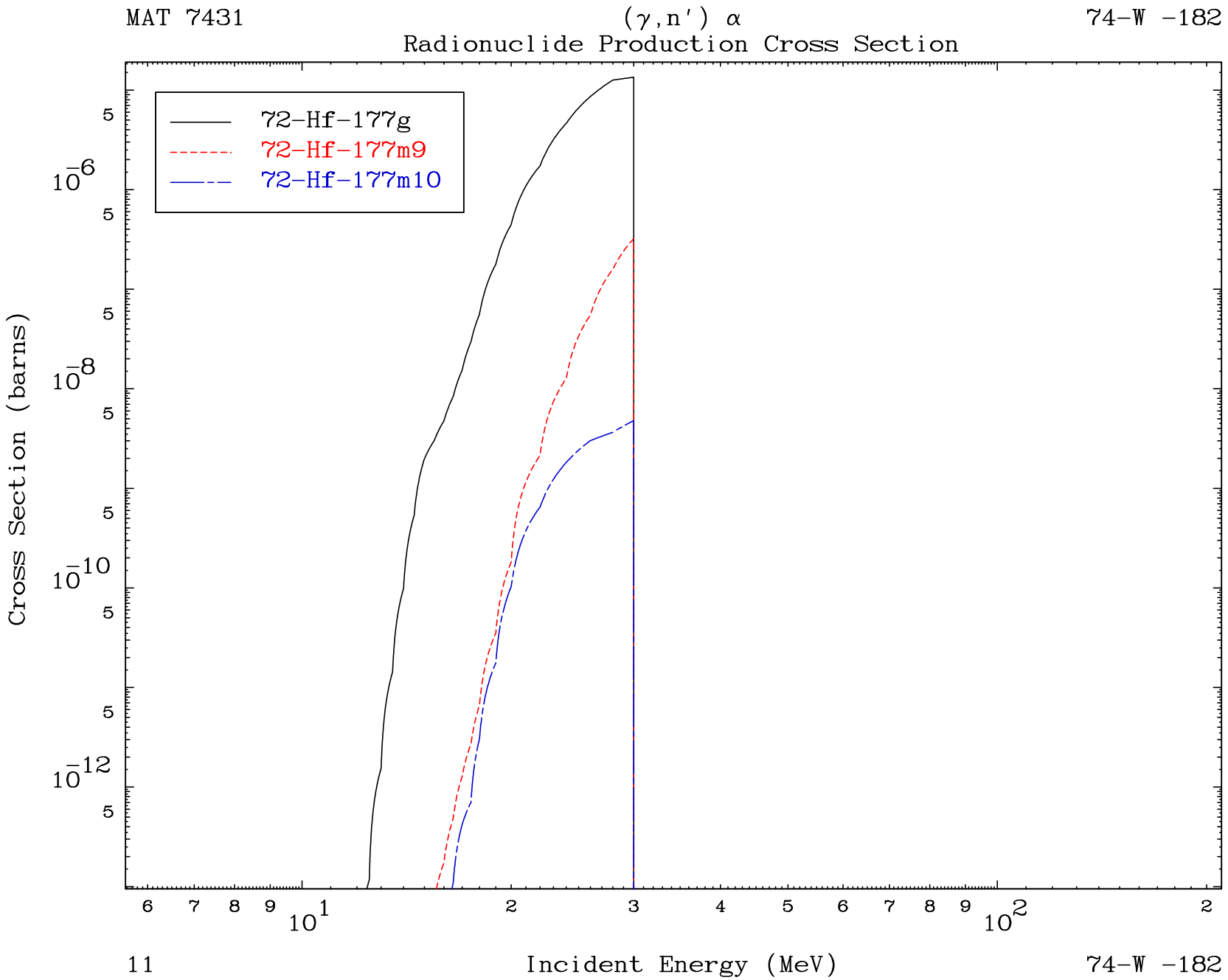

0 Kelvin Cross Sections
(γ,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)

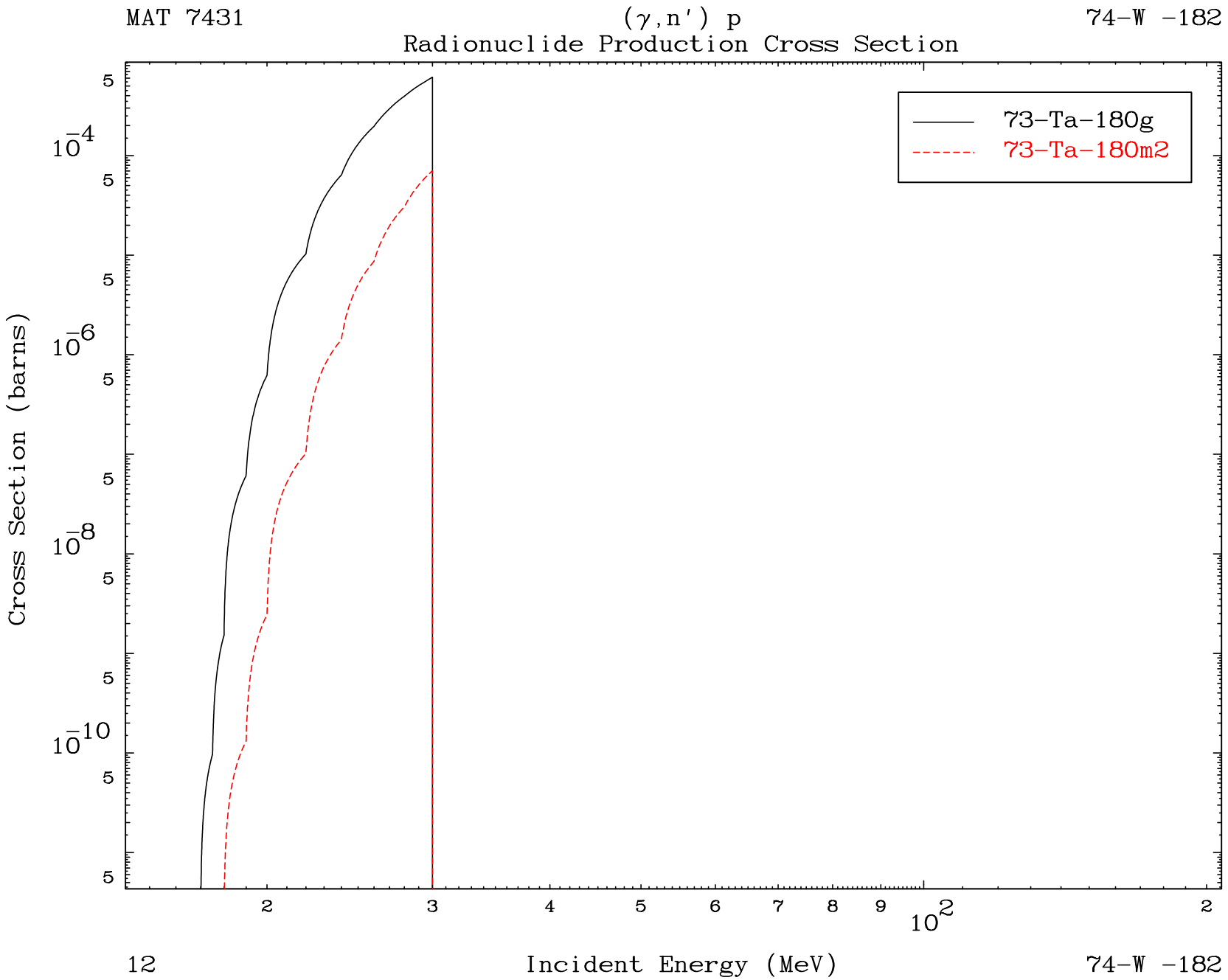

MAT 7431
(γ,t) Levels
74-W -182
0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
74-W -182

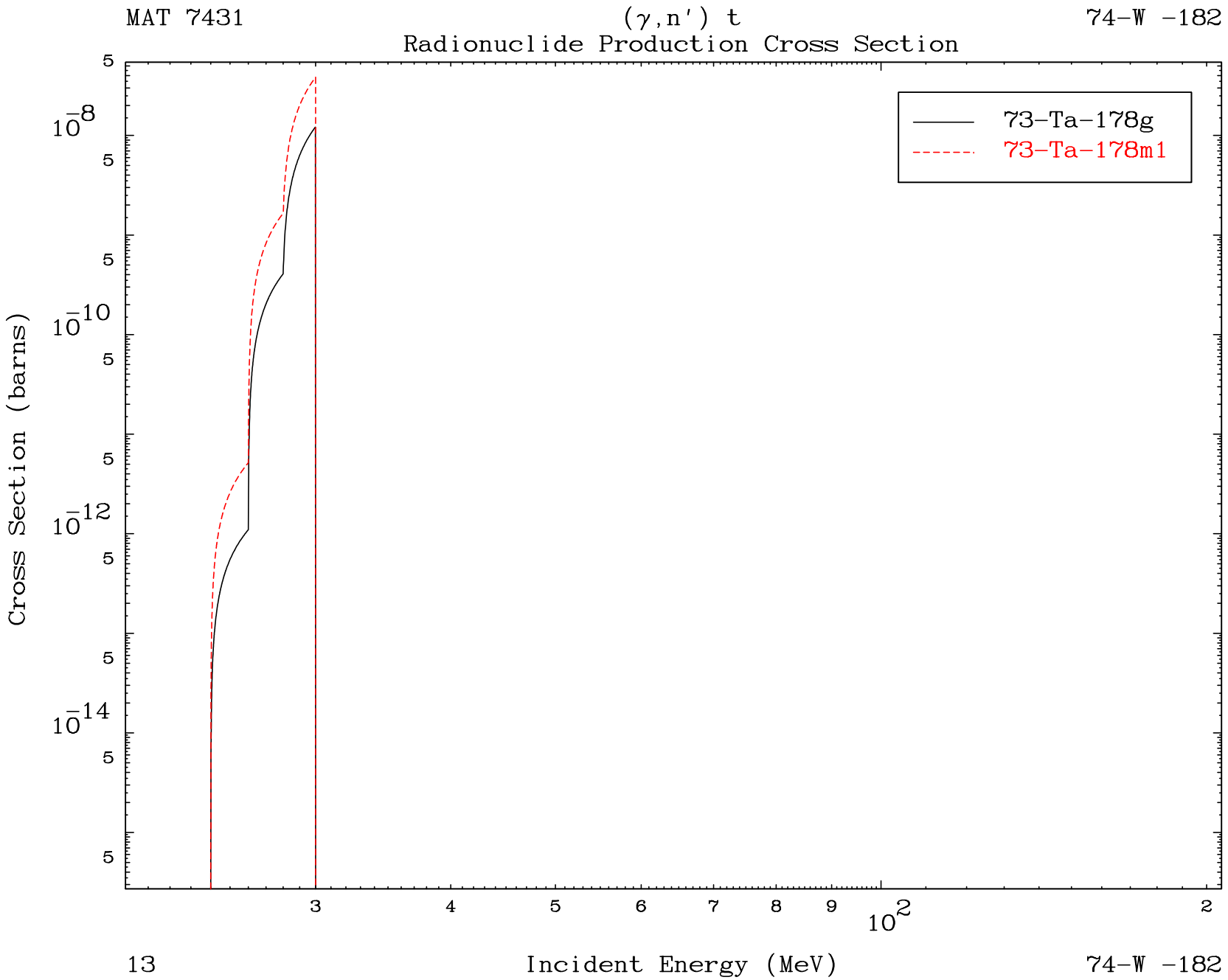

0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
4 6 8 10^0 2 4 6 8 10^1 2 4 6 8 10^2 2
Incident Energy (MeV)

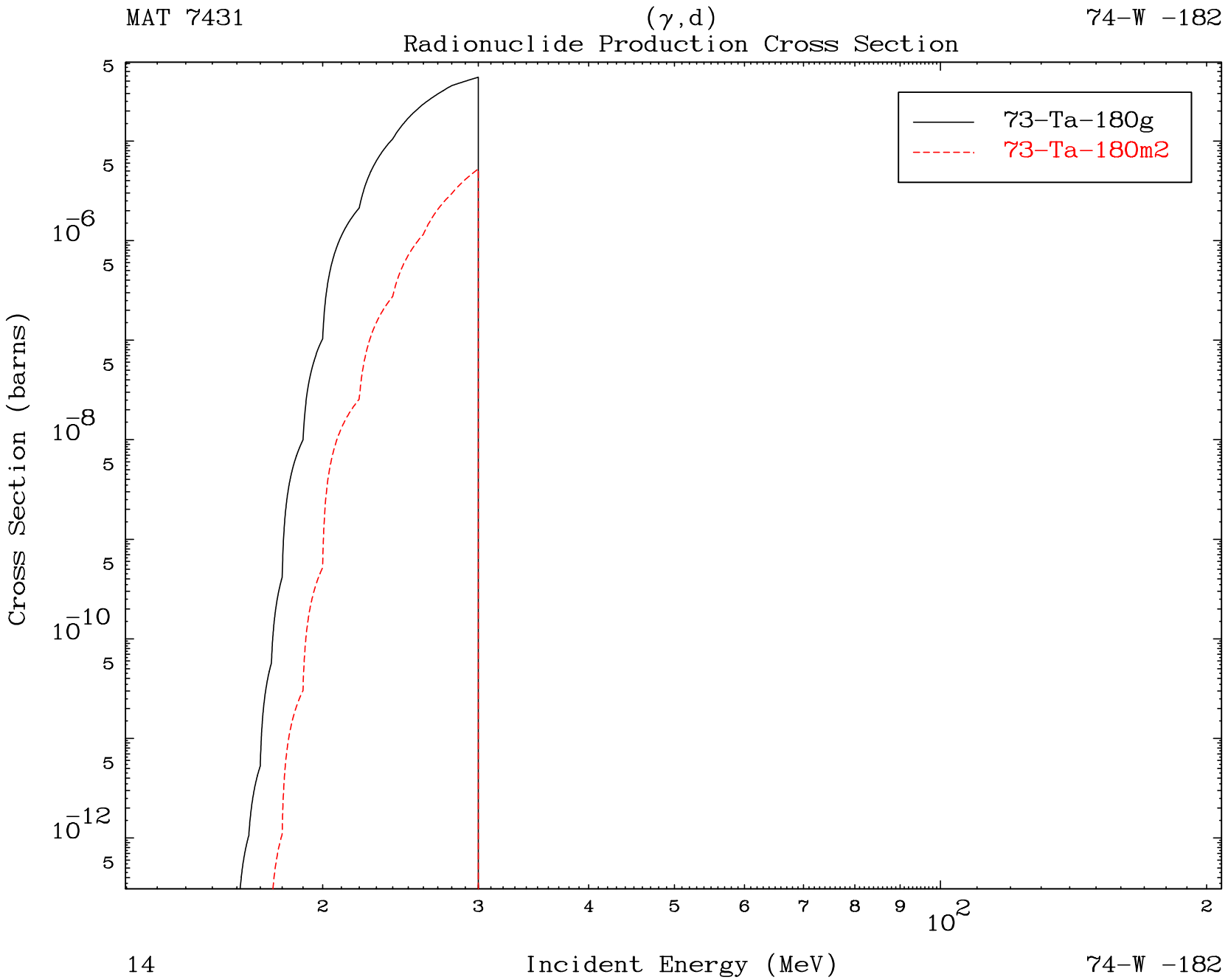

MAT 7431
(γ,3n)
74-W -182
Radionuclide Production Cross Section
74-W -179g
74-W -179m2
Cross Section (barns)
10-2
10-3
3
2
9
8
7
6
5
4
3
2
3
4
5
6
7
8
9
10^2
2
9
Incident Energy (MeV)
74-W -182

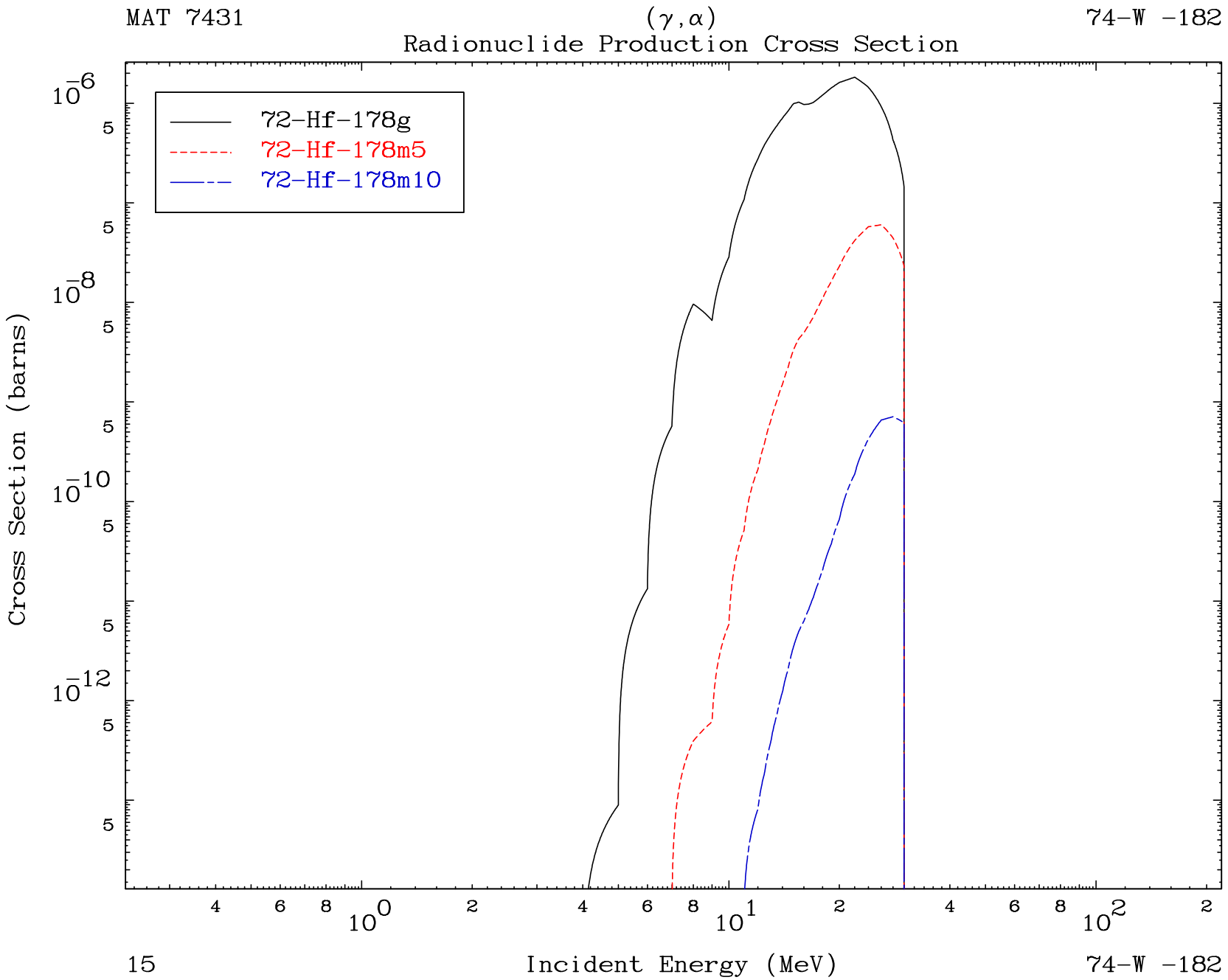

MAT 7431
Photon Fission
74-W -182
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
74-W -182


MAT 7431
(γ,n') α
74-W -182
Radionuclide Production Cross Section
72-Hf-177g
72-Hf-177m9
72-Hf-177m10
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
6 7 8 9
10^1
2
3
4
5
6
7
8
9
10^2
2
11
Incident Energy (MeV)
74-W -182


MAT 7431
(γ,n') p
74-W -182
Radionuclide Production Cross Section
73-Ta-180g
73-Ta-180m2
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
10^2
12
74-W -182


MAT 7431
(γ,n') t
74-W -182
Radionuclide Production Cross Section
73-Ta-178g
73-Ta-178m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
74-W -182


MAT 7431
(γ,d)
74-W -182
Radionuclide Production Cross Section
73-Ta-180g
73-Ta-180m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
14
Incident Energy (MeV)
74-W -182


MAT 7431
(γ,α)
74-W -182
Radionuclide Production Cross Section
72-Hf-178g
72-Hf-178m5
72-Hf-178m10
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
15
74-W -182