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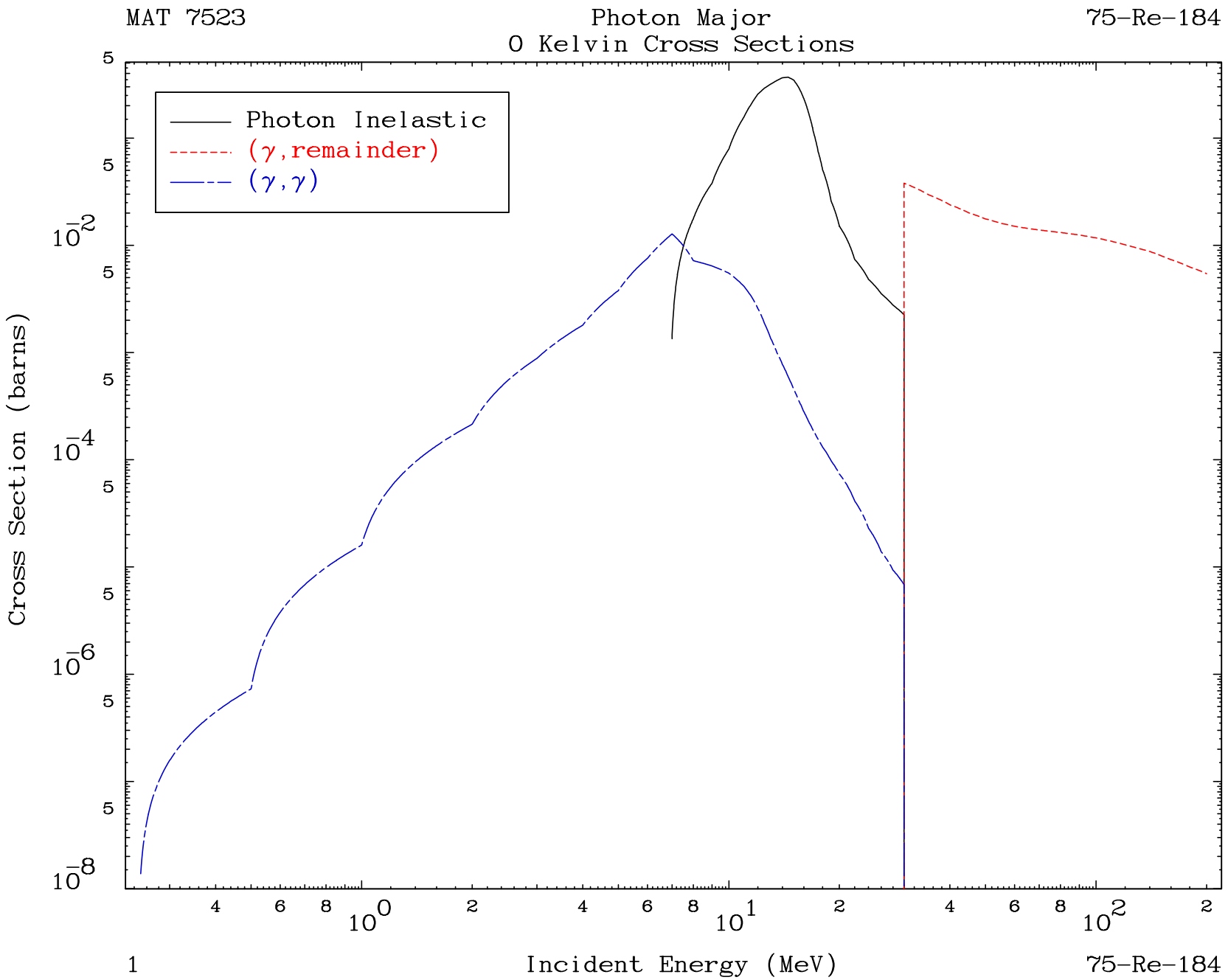
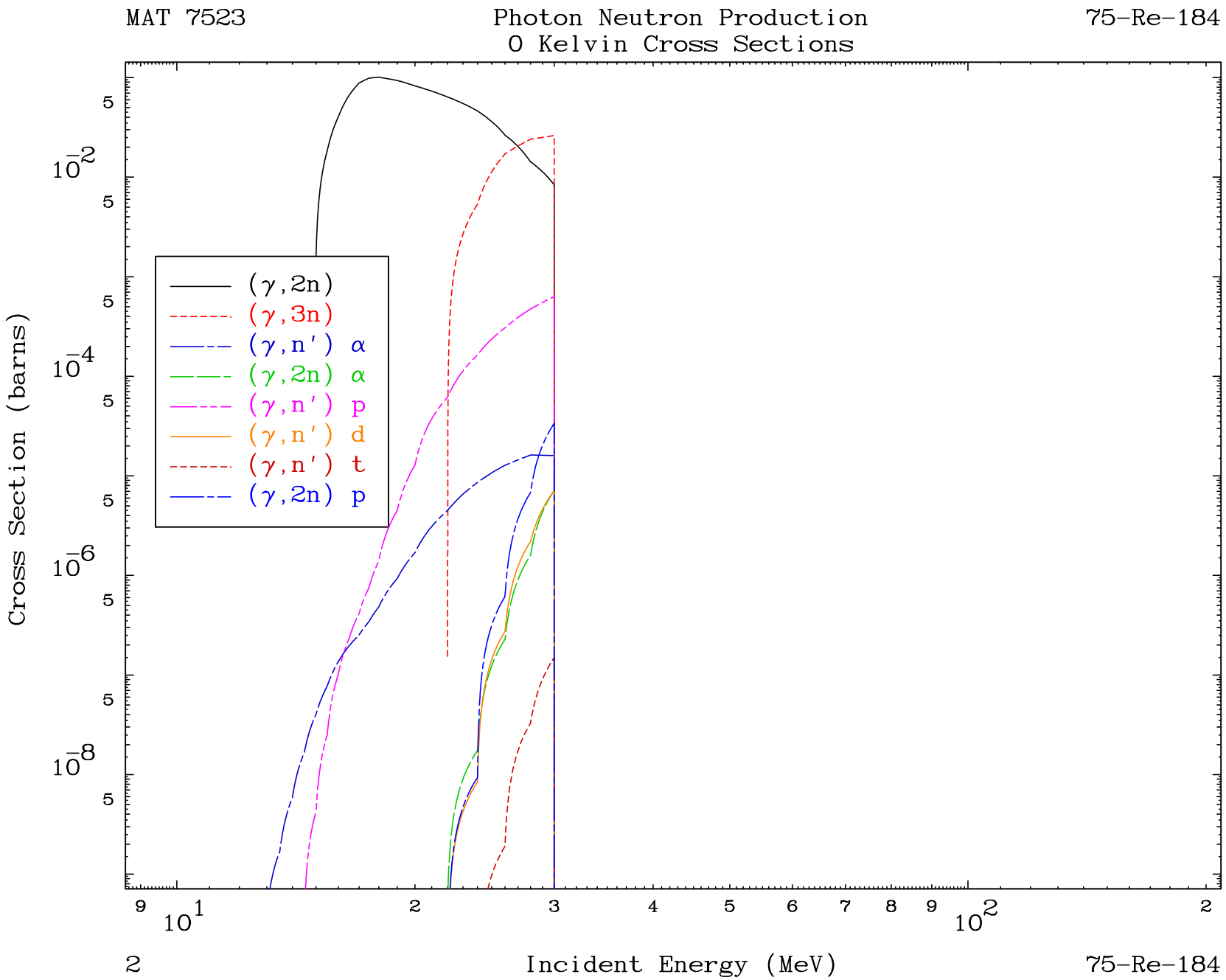
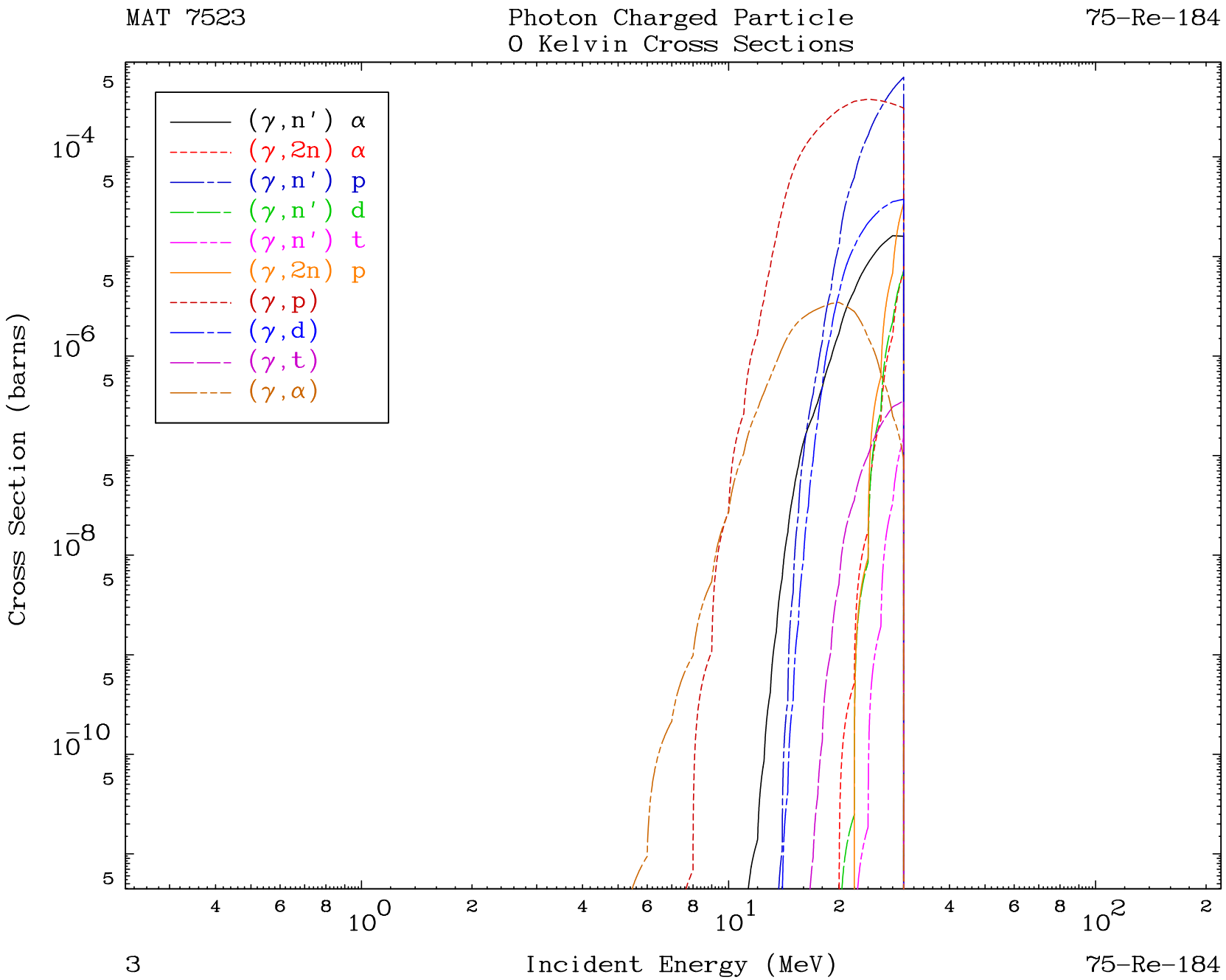
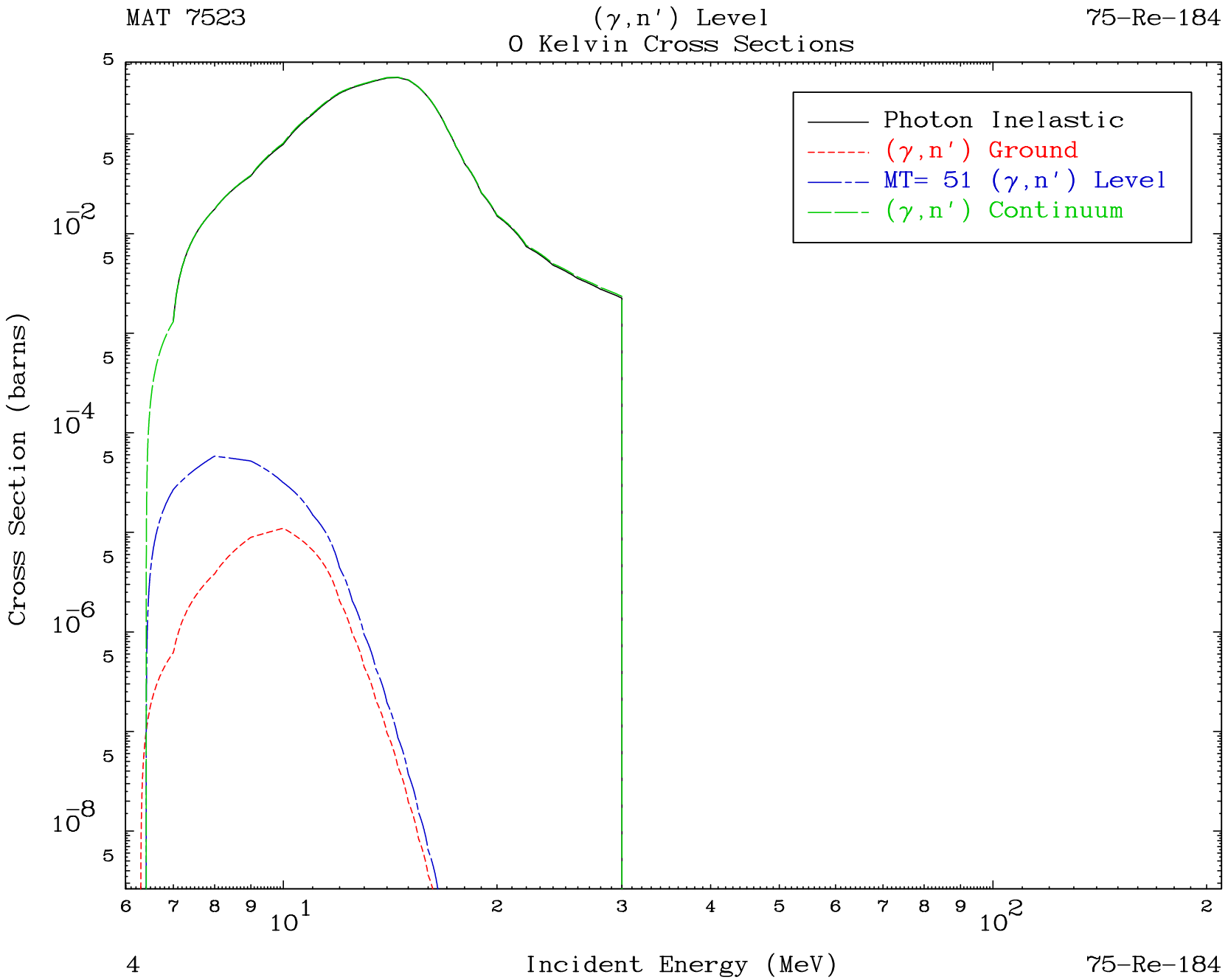
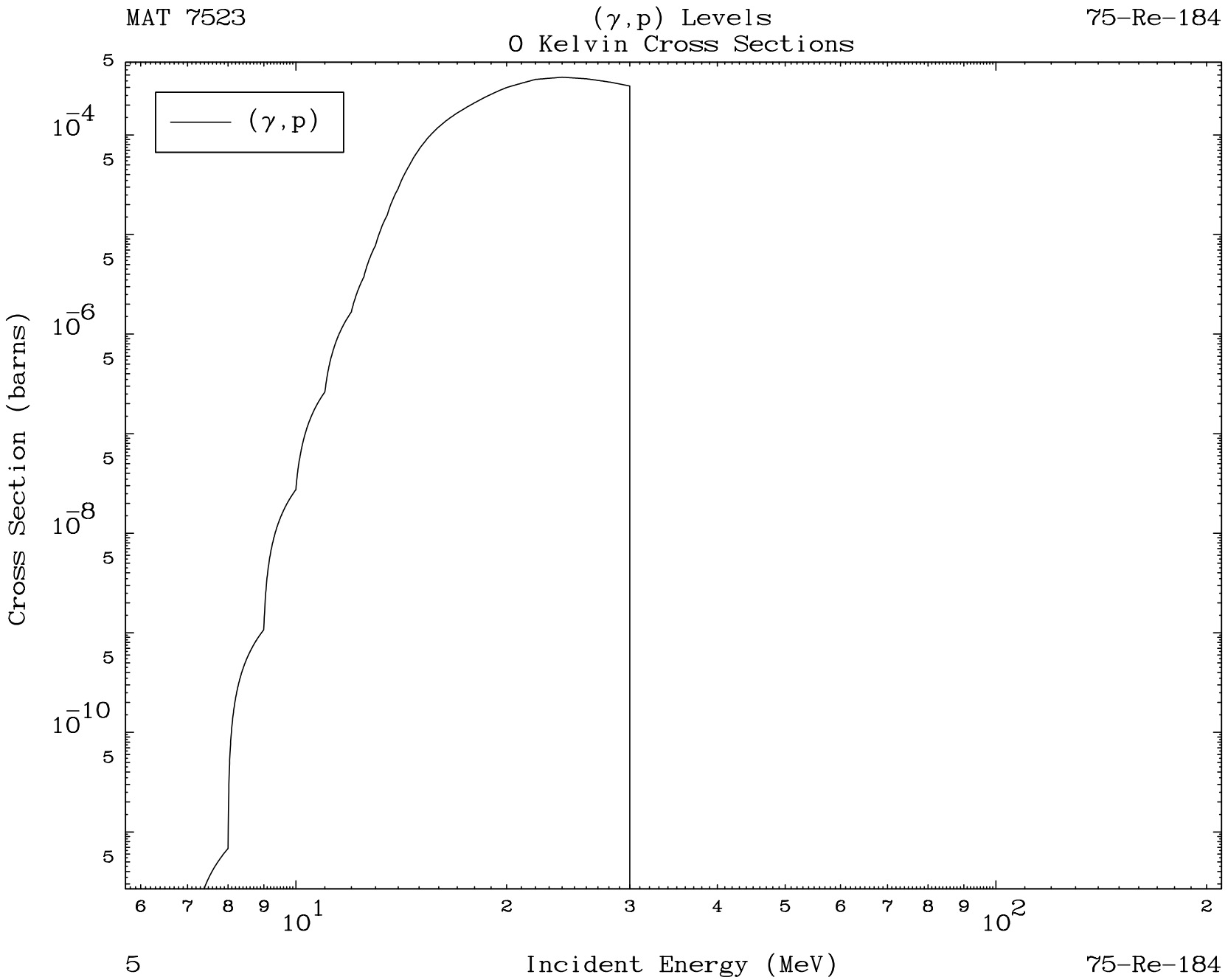
Press Mouse Button to Start

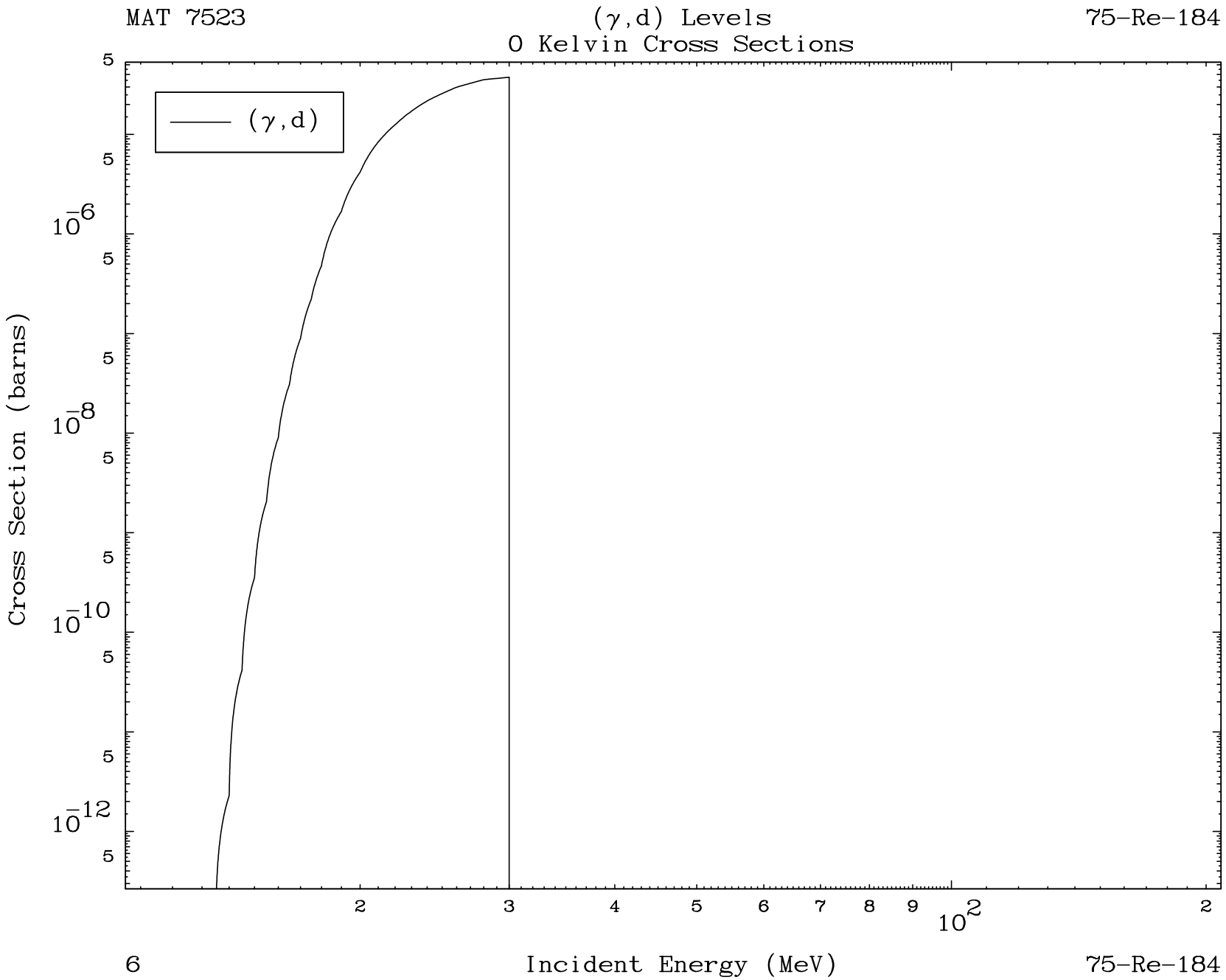

MAT 7523
Photon Major
75-Re-184
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
75-Re-184

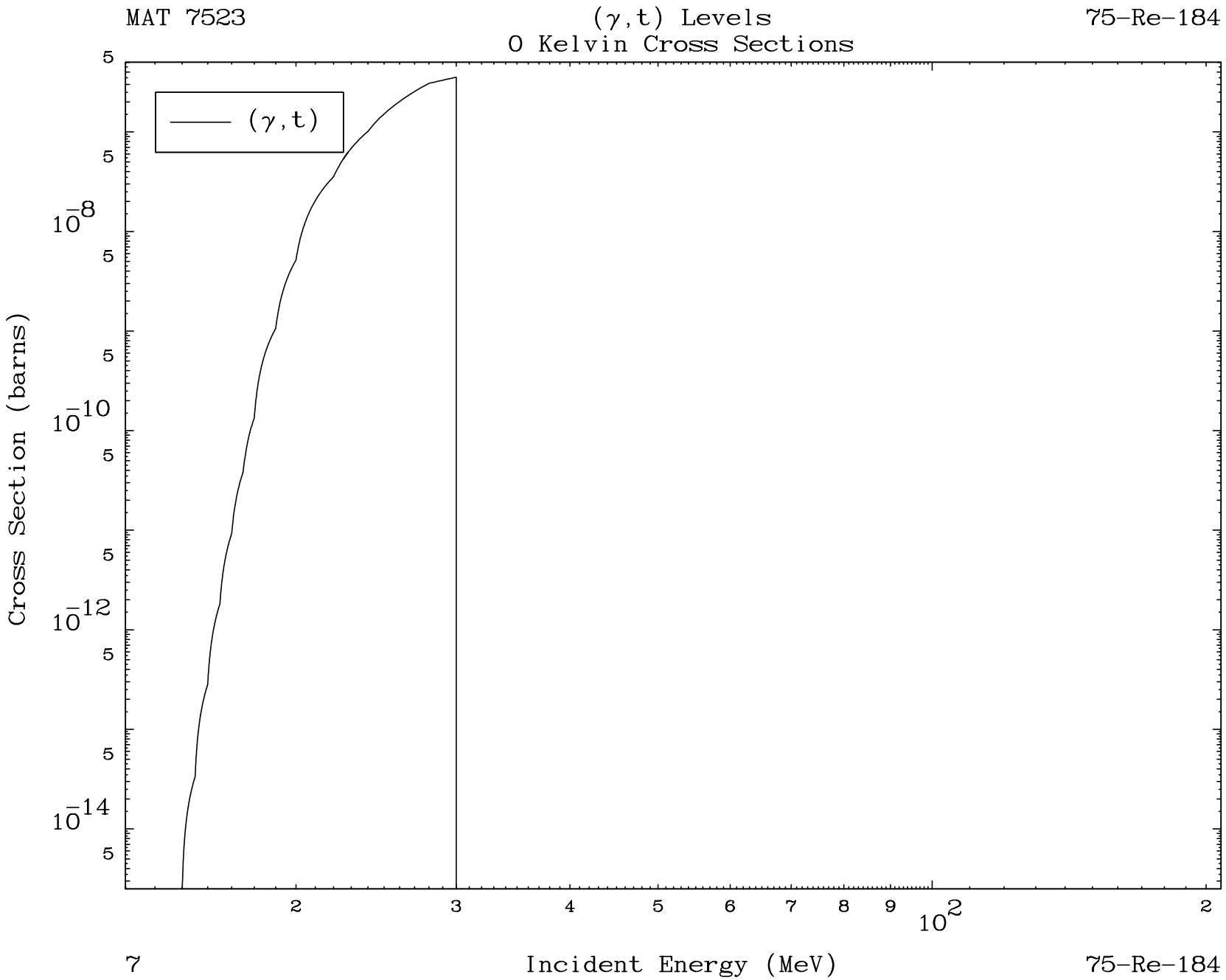

MAT 7523
Photon Neutron Production
0 Kelvin Cross Sections
75-Re-184
Cross Section (barns)
Incident Energy (MeV)
75-Re-184
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p

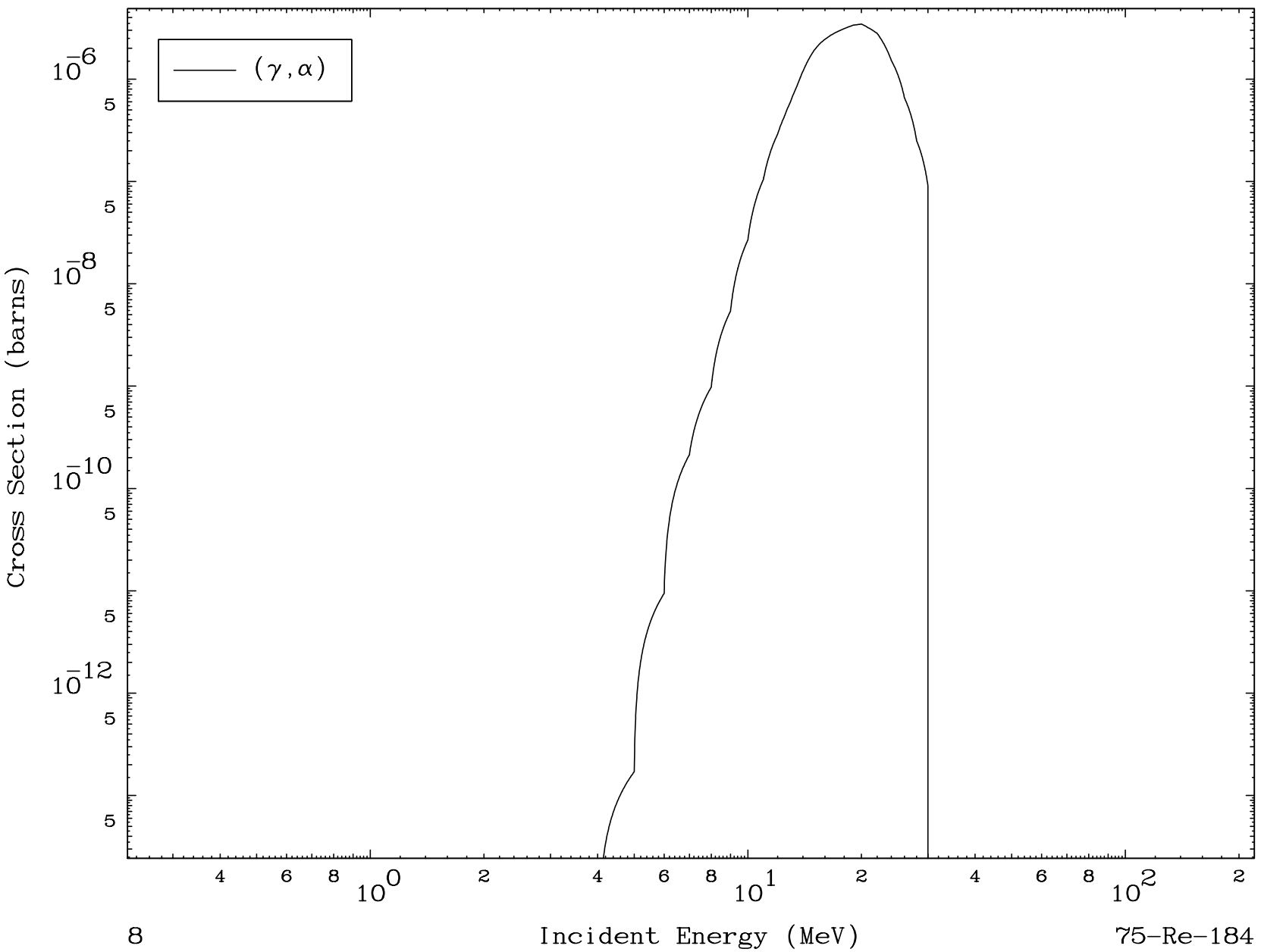

MAT 7523
Photon Charged Particle
0 Kelvin Cross Sections
75-Re-184
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
(γ,p)
(γ,d)
(γ,t)
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
3
75-Re-184

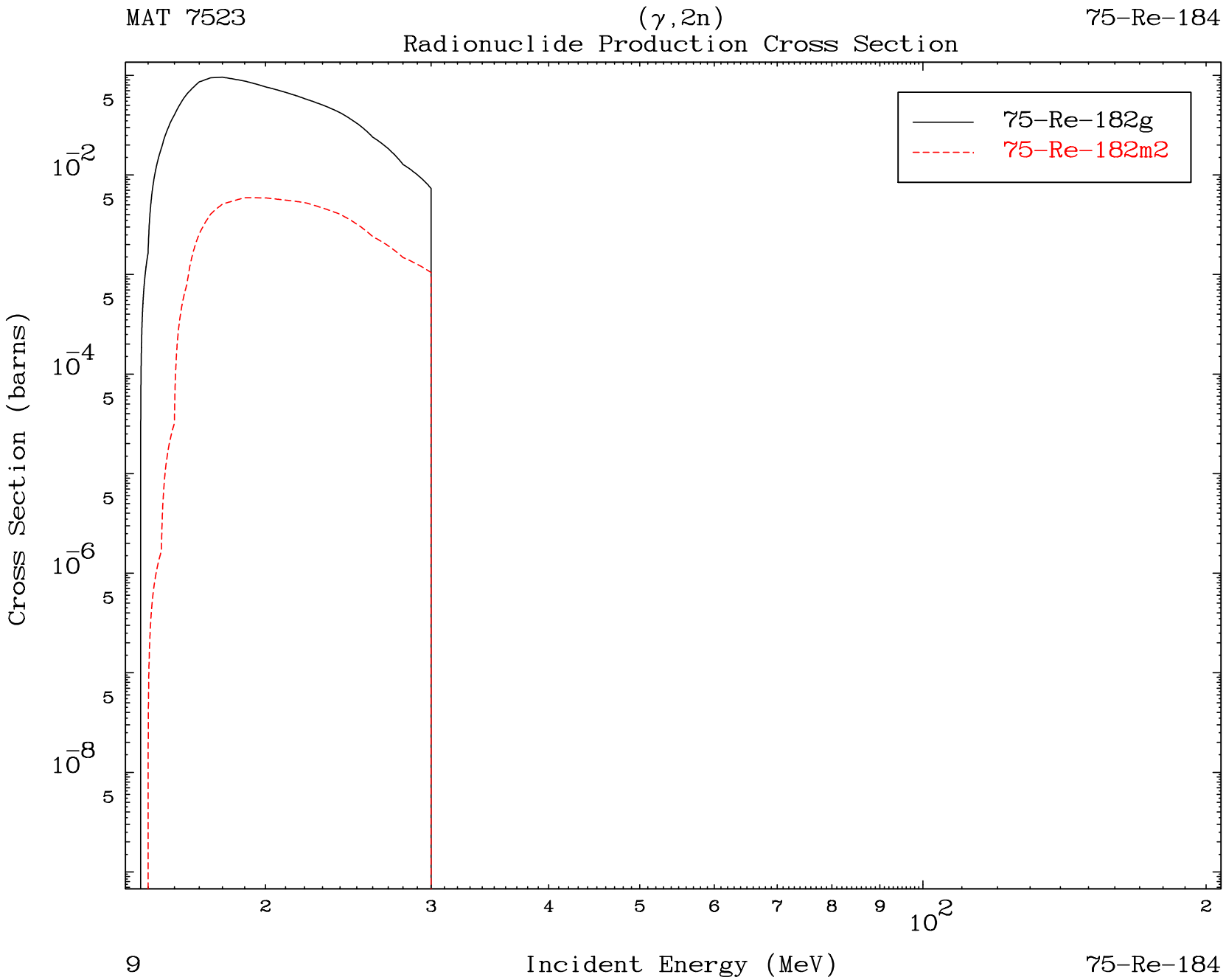

MAT 7523
(γ,n') Level
75-Re-184
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
75-Re-184
4

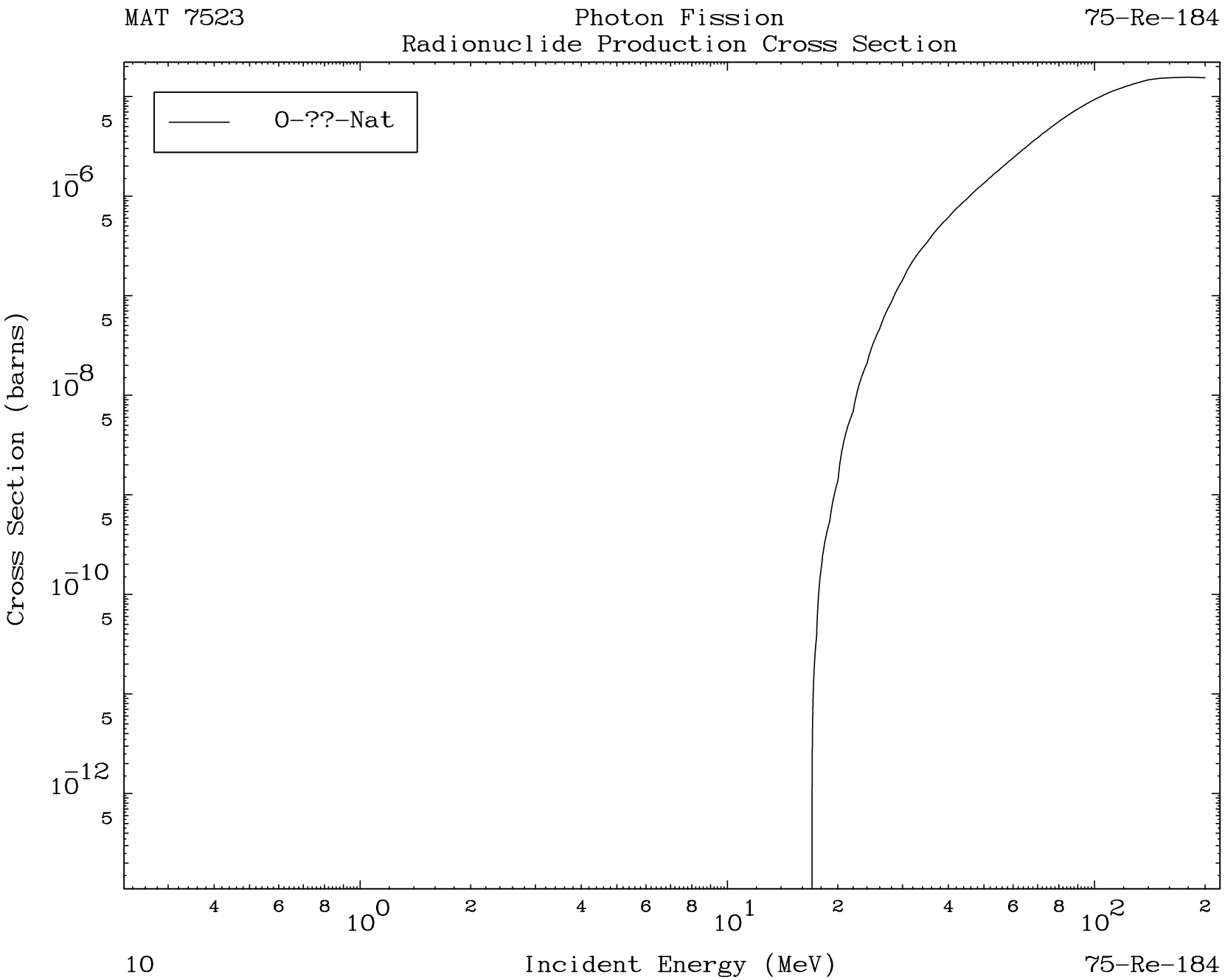

MAT 7523
(γ,p) Levels
75-Re-184
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
Incident Energy (MeV)
75-Re-184

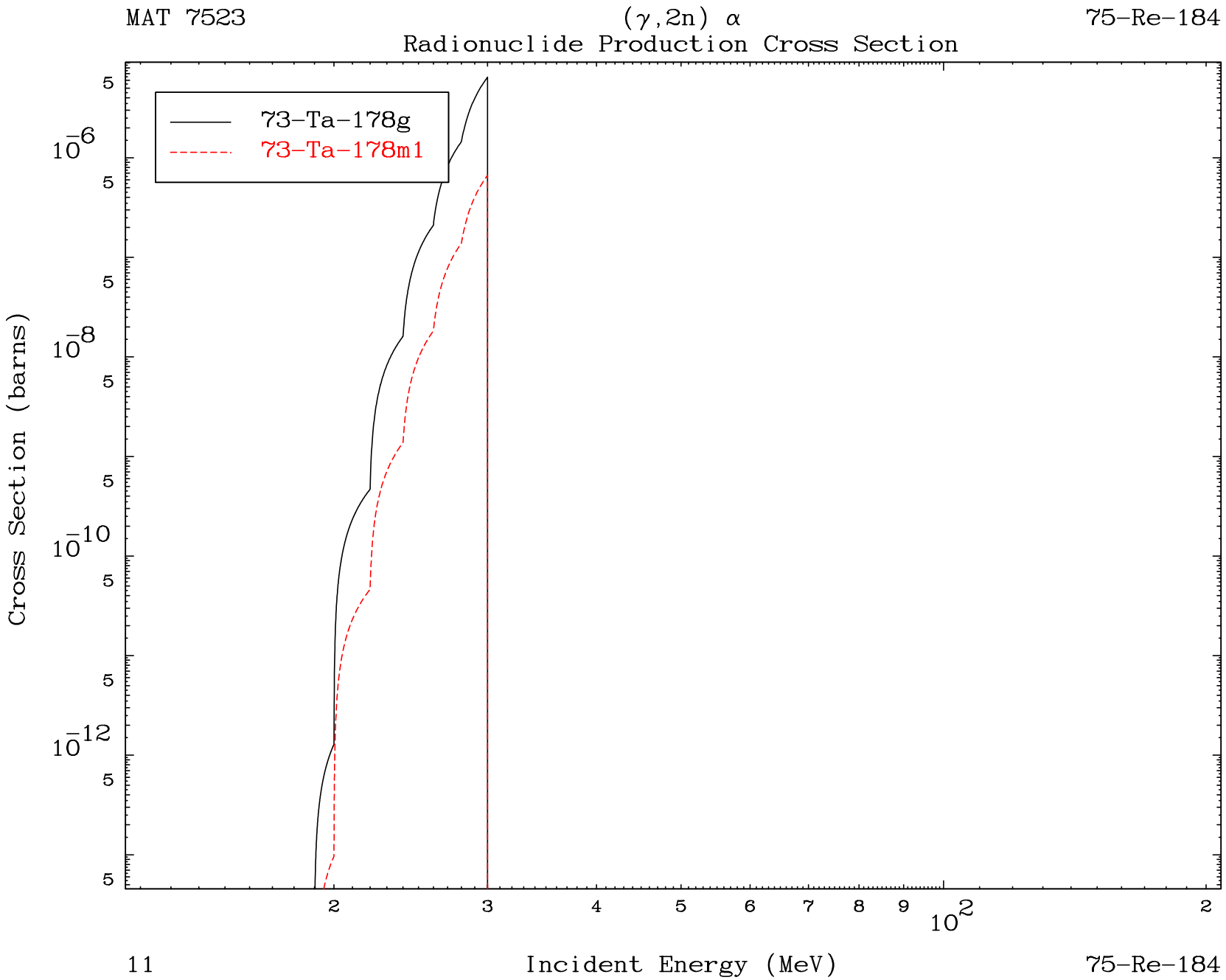

MAT 7523
(γ,d) Levels
75-Re-184
0 Kelvin Cross Sections
(γ,d)
Cross Section (barns)
Incident Energy (MeV)
6
75-Re-184

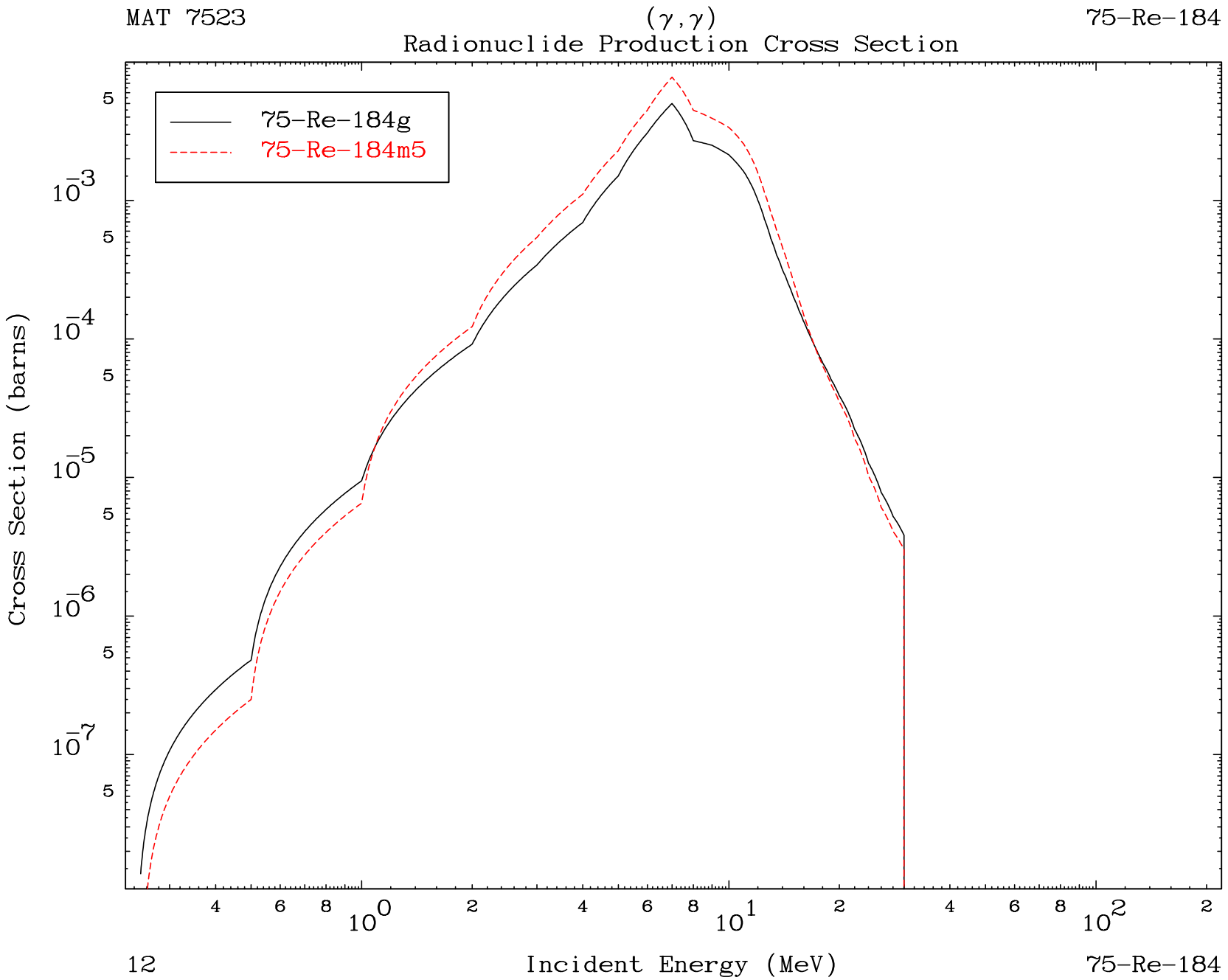

MAT 7523
(γ,t) Levels
75-Re-184
0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
7
75-Re-184

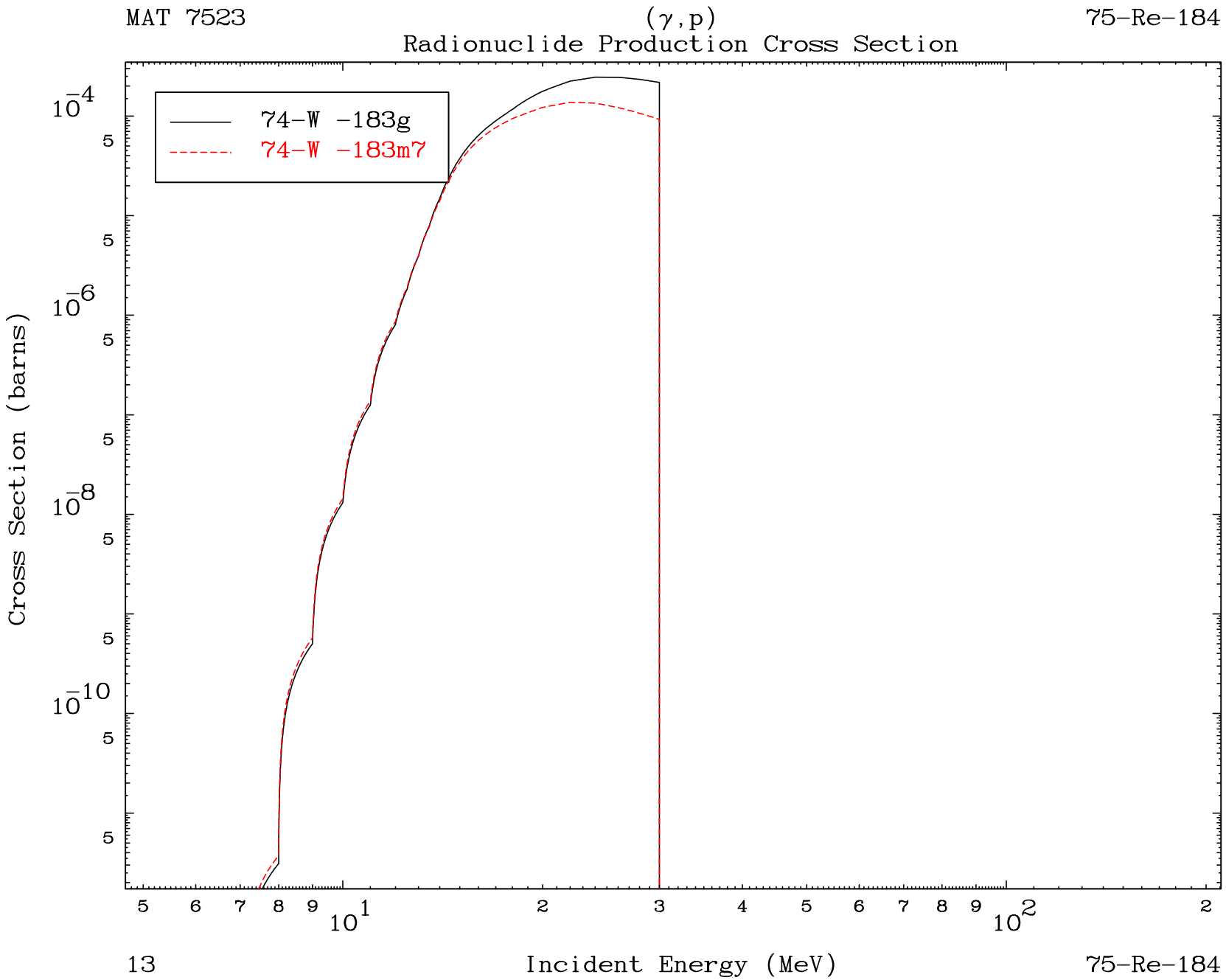

0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
4 6 8 100 2 4 6 8 101 2 4 6 8 102 2
Incident Energy (MeV)

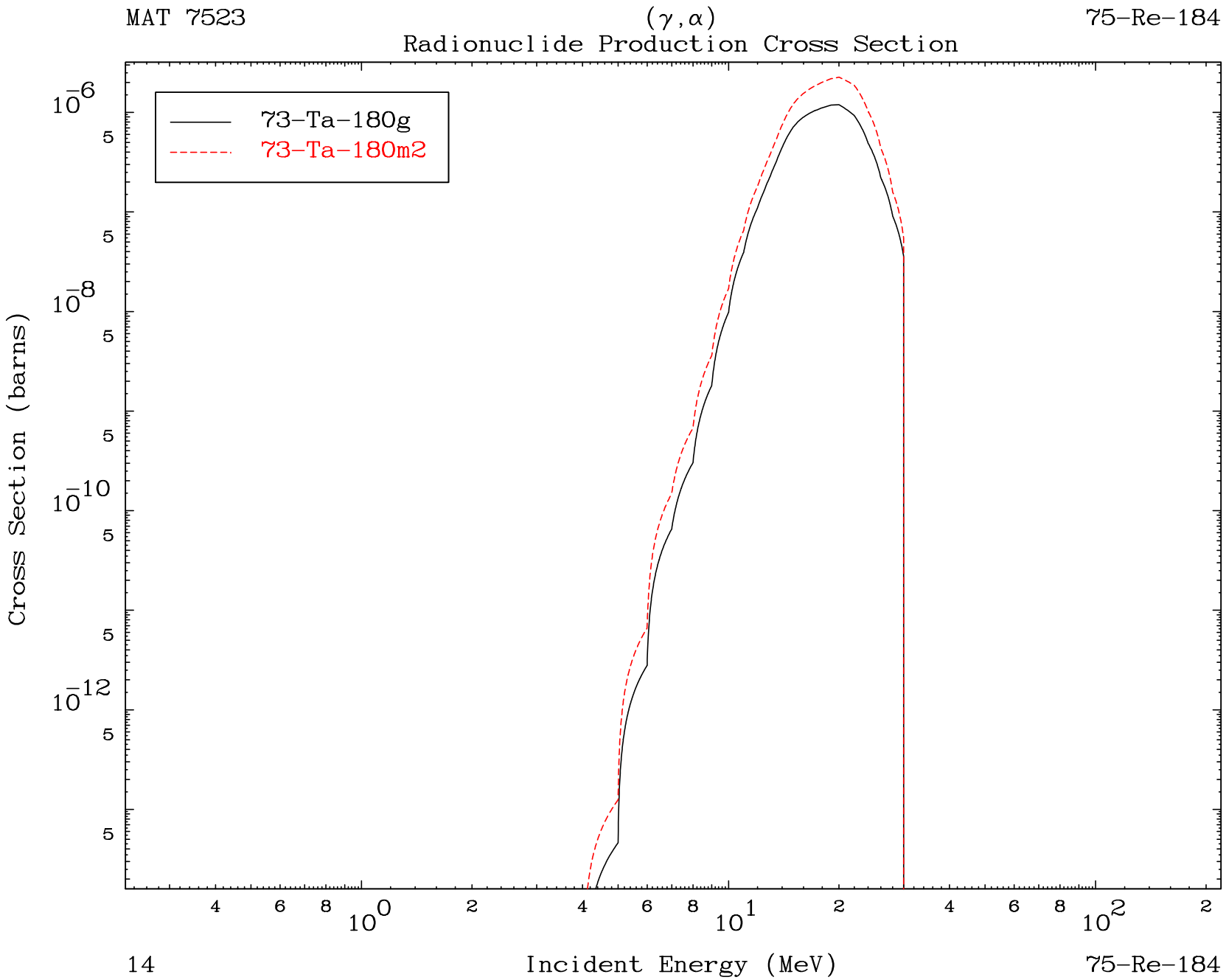

MAT 7523
(γ,2n)
75-Re-184
Radionuclide Production Cross Section
75-Re-182g
75-Re-182m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
9
75-Re-184


MAT 7523
Photon Fission
75-Re-184
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)
75-Re-184


MAT 7523
(γ,2n) α
75-Re-184
Radionuclide Production Cross Section
73-Ta-178g
73-Ta-178m1
Cross Section (barns)
Incident Energy (MeV)
11
75-Re-184


MAT 7523
(γ,γ)
75-Re-184
Radionuclide Production Cross Section
75-Re-184g
75-Re-184m5
Cross Section (barns)
Incident Energy (MeV)
12
75-Re-184


MAT 7523
(γ,p)
75-Re-184
Radionuclide Production Cross Section
74-W -183g
74-W -183m7
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
13
Incident Energy (MeV)
75-Re-184


MAT 7523
(γ,α)
75-Re-184
Radionuclide Production Cross Section
73-Ta-180g
73-Ta-180m2
Cross Section (barns)
Incident Energy (MeV)
14
75-Re-184