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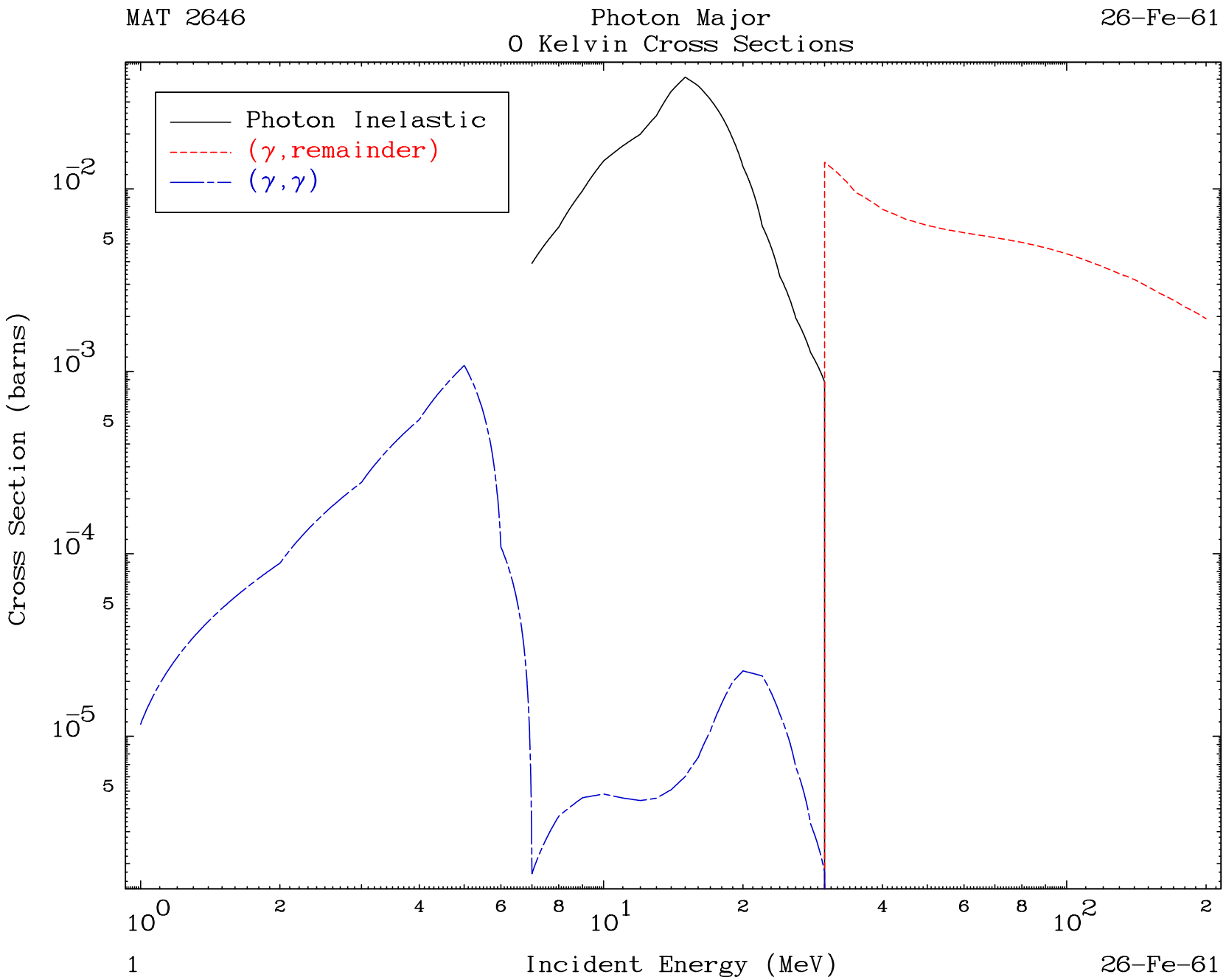
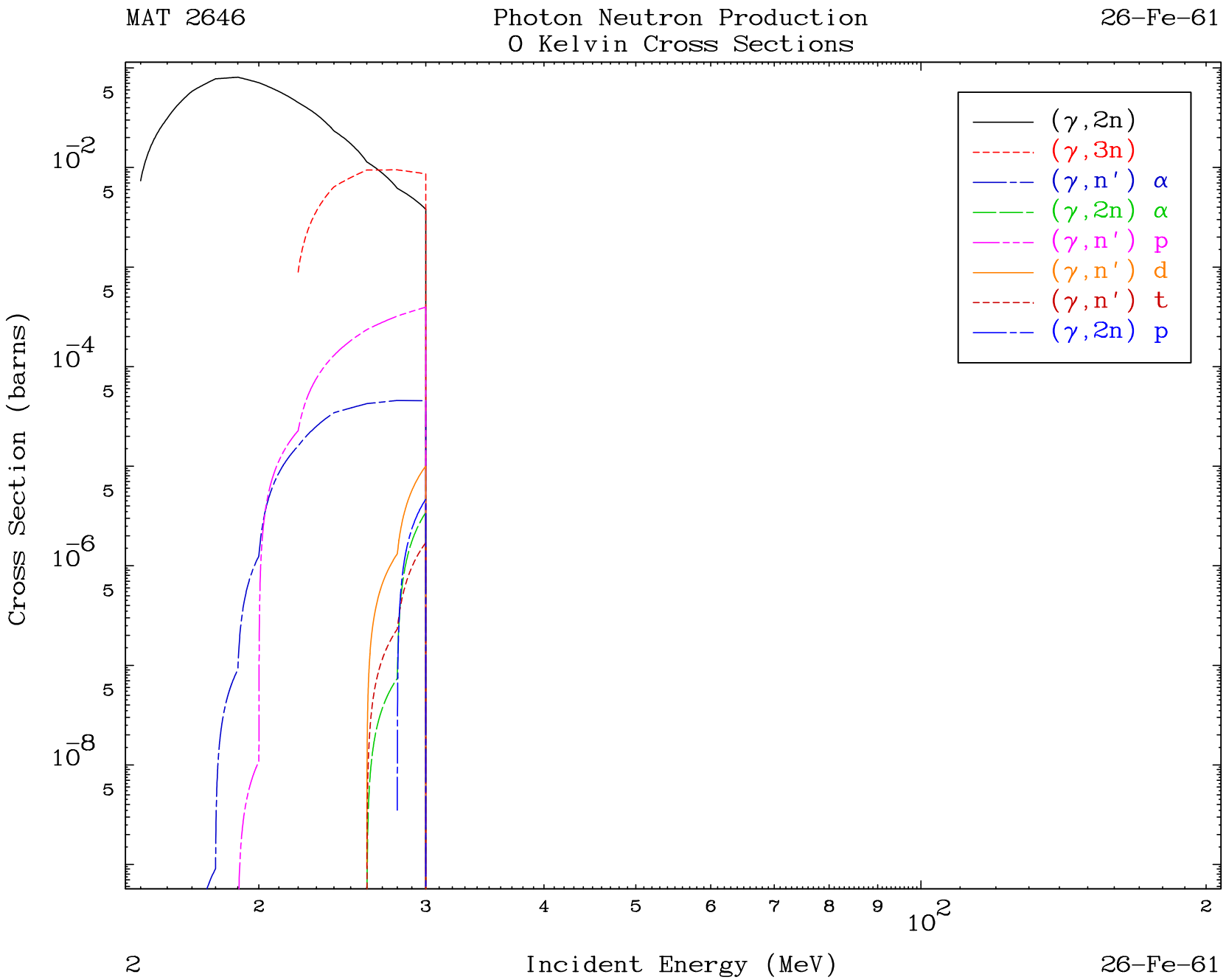
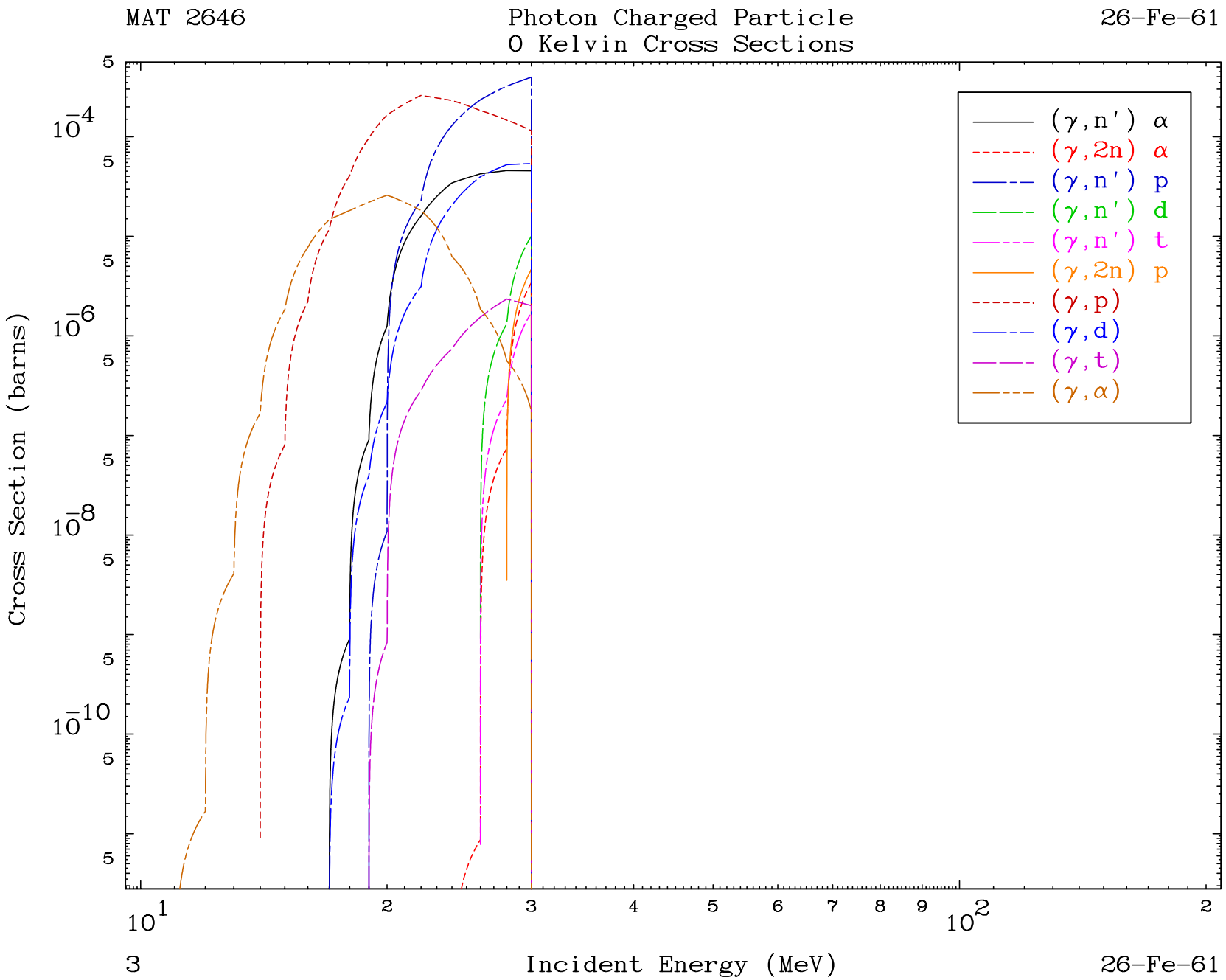
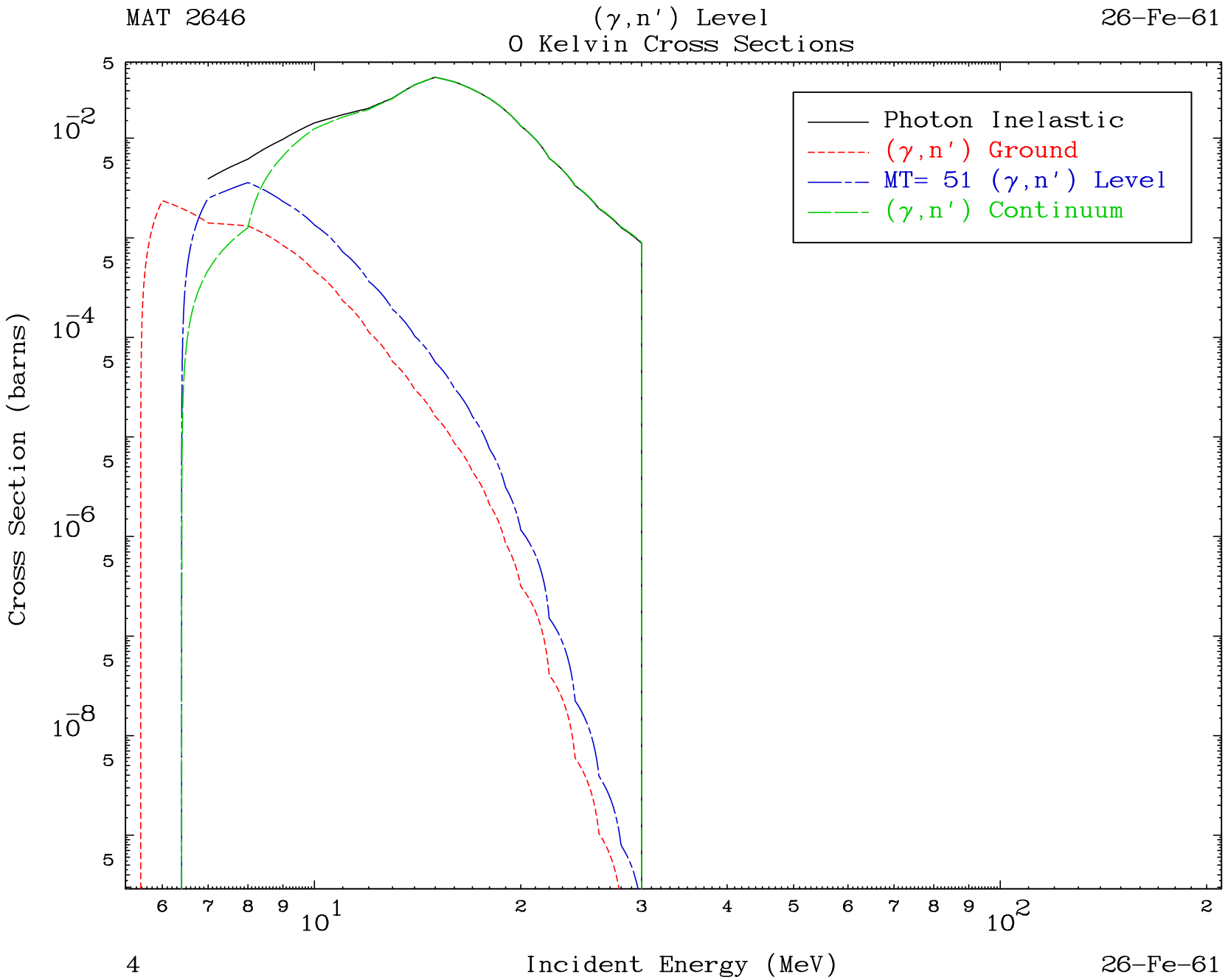
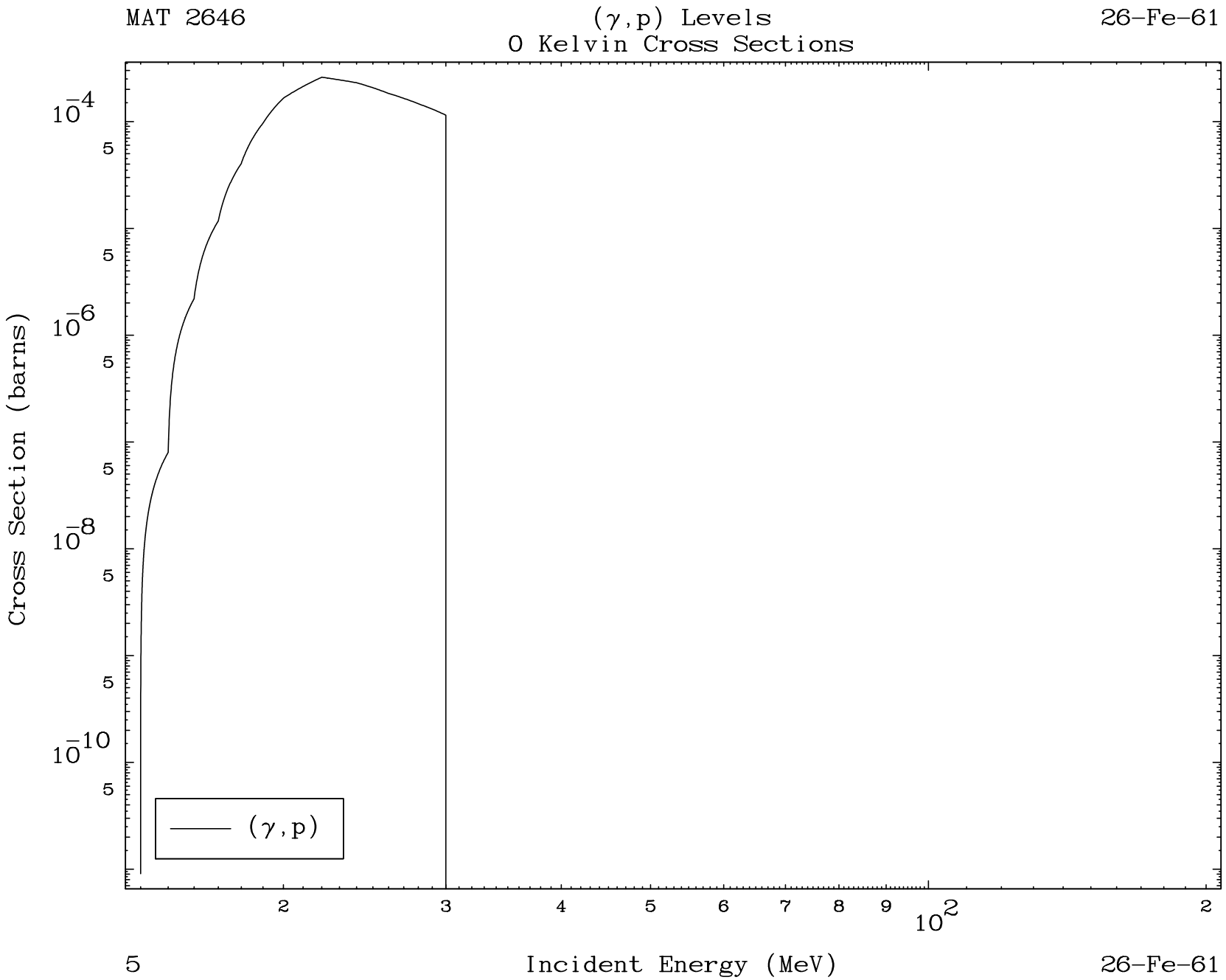
Press Mouse Button to Start

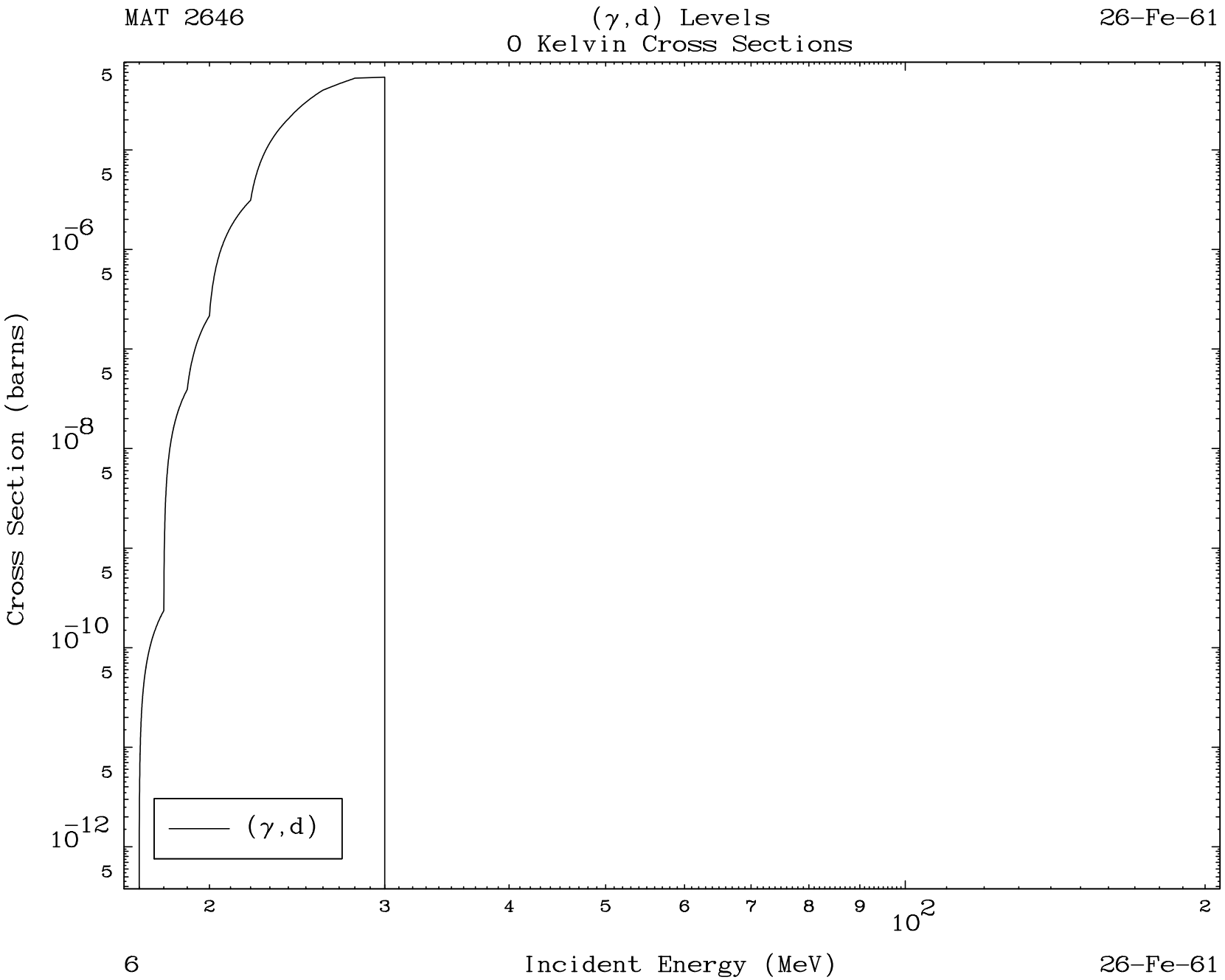

MAT 2646
Photon Major
26-Fe-61
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
10-2
10-3
10-4
10-5
5
100
101
102
2
4
6
8
1
Incident Energy (MeV)
26-Fe-61

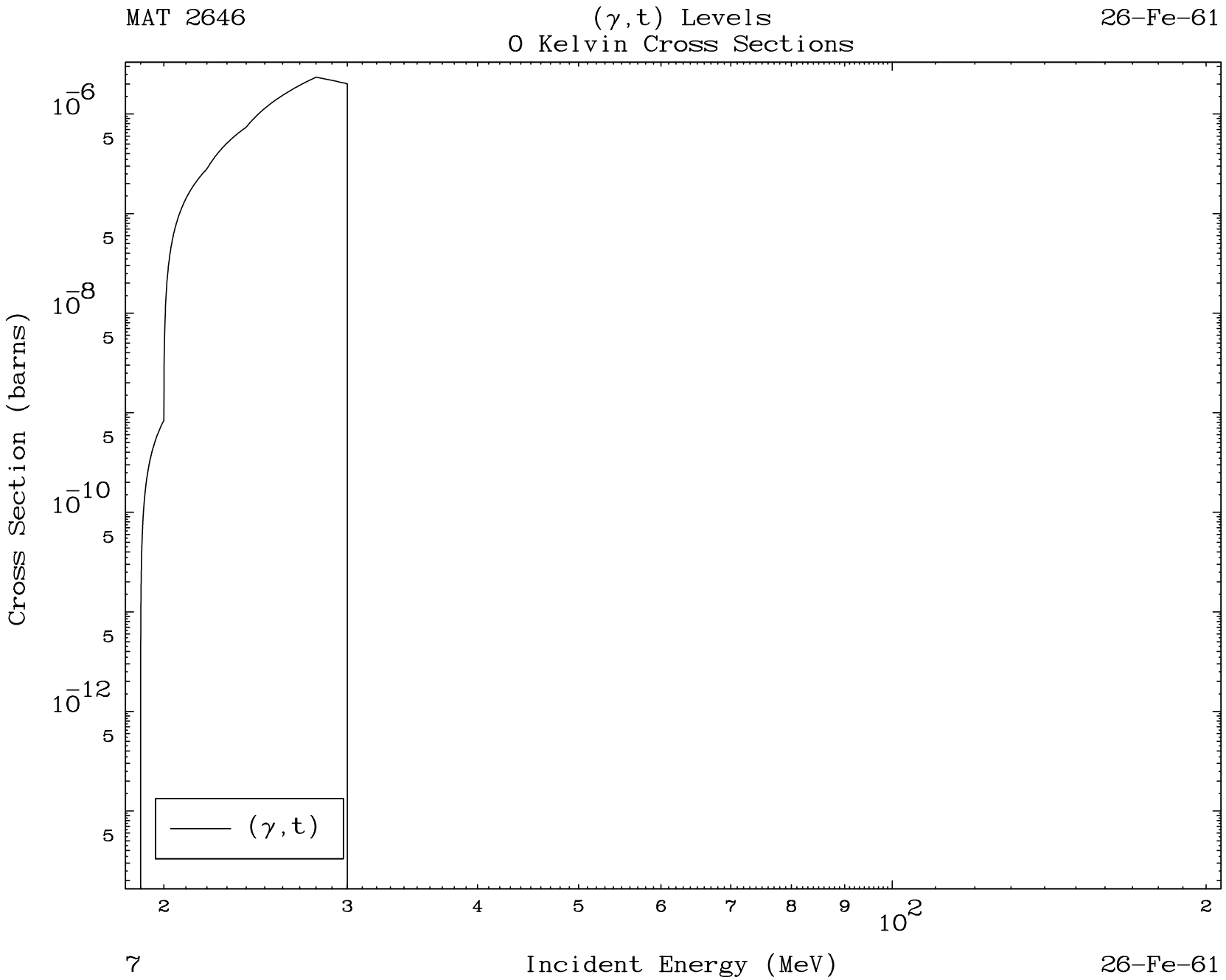

MAT 2646
Photon Neutron Production
0 Kelvin Cross Sections
26-Fe-61
Cross Section (barns)
10-2
10-4
10-6
10-8
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
26-Fe-61

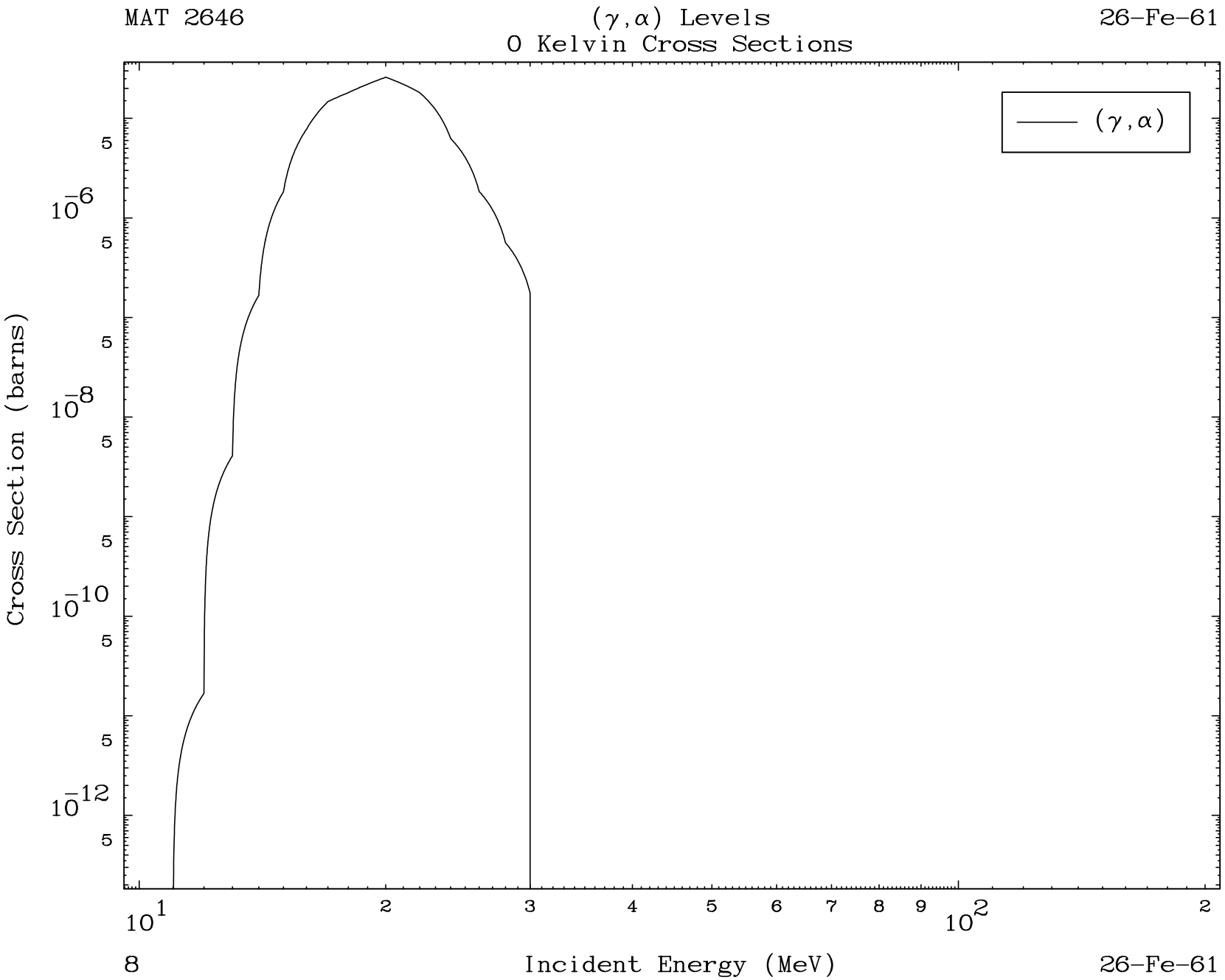

MAT 2646
Photon Charged Particle
0 Kelvin Cross Sections
26-Fe-61
Cross Section (barns)
Incident Energy (MeV)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
(γ,p)
(γ,d)
(γ,t)
(γ,α)

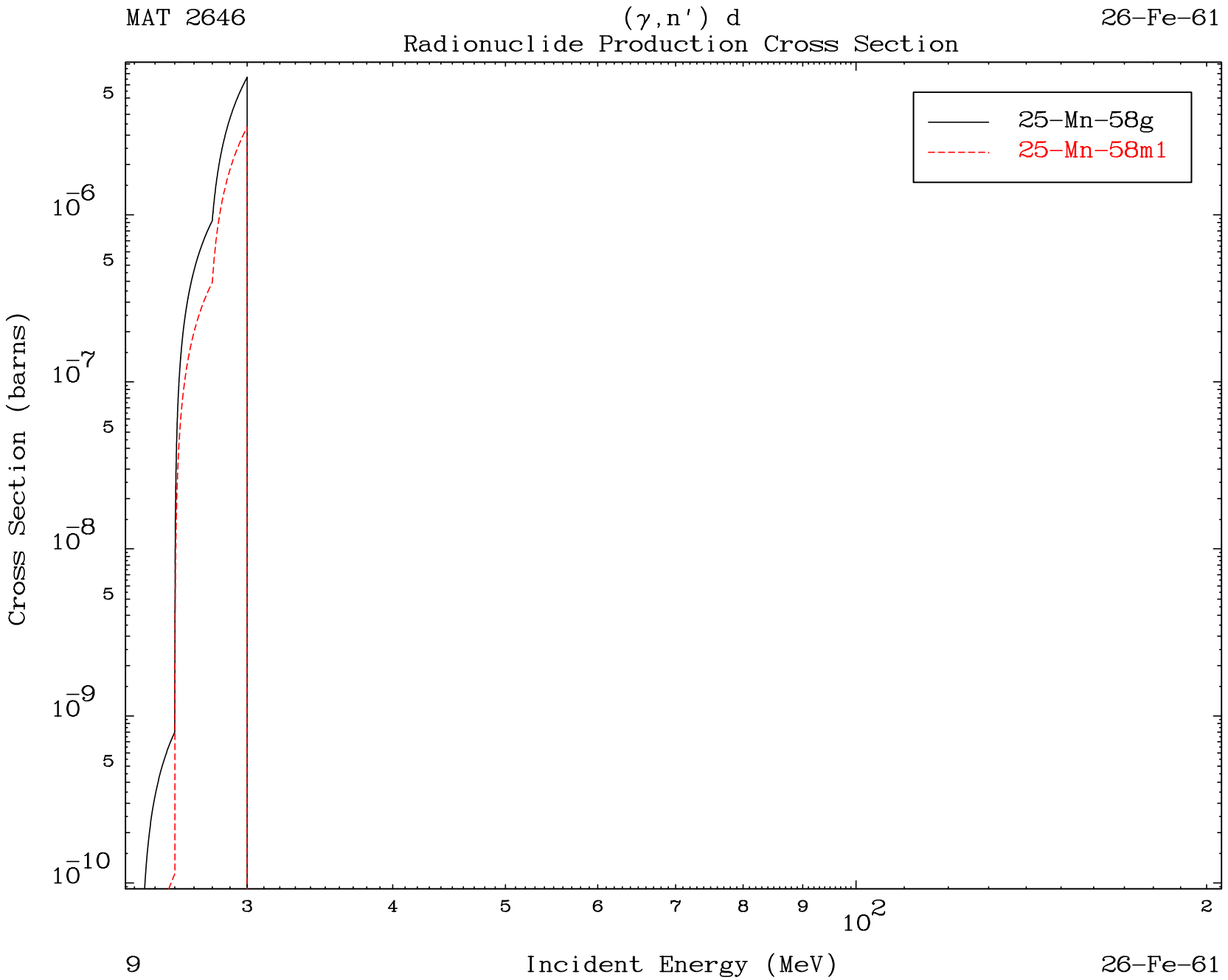

MAT 2646
(γ,n') Level
26-Fe-61
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
4
26-Fe-61

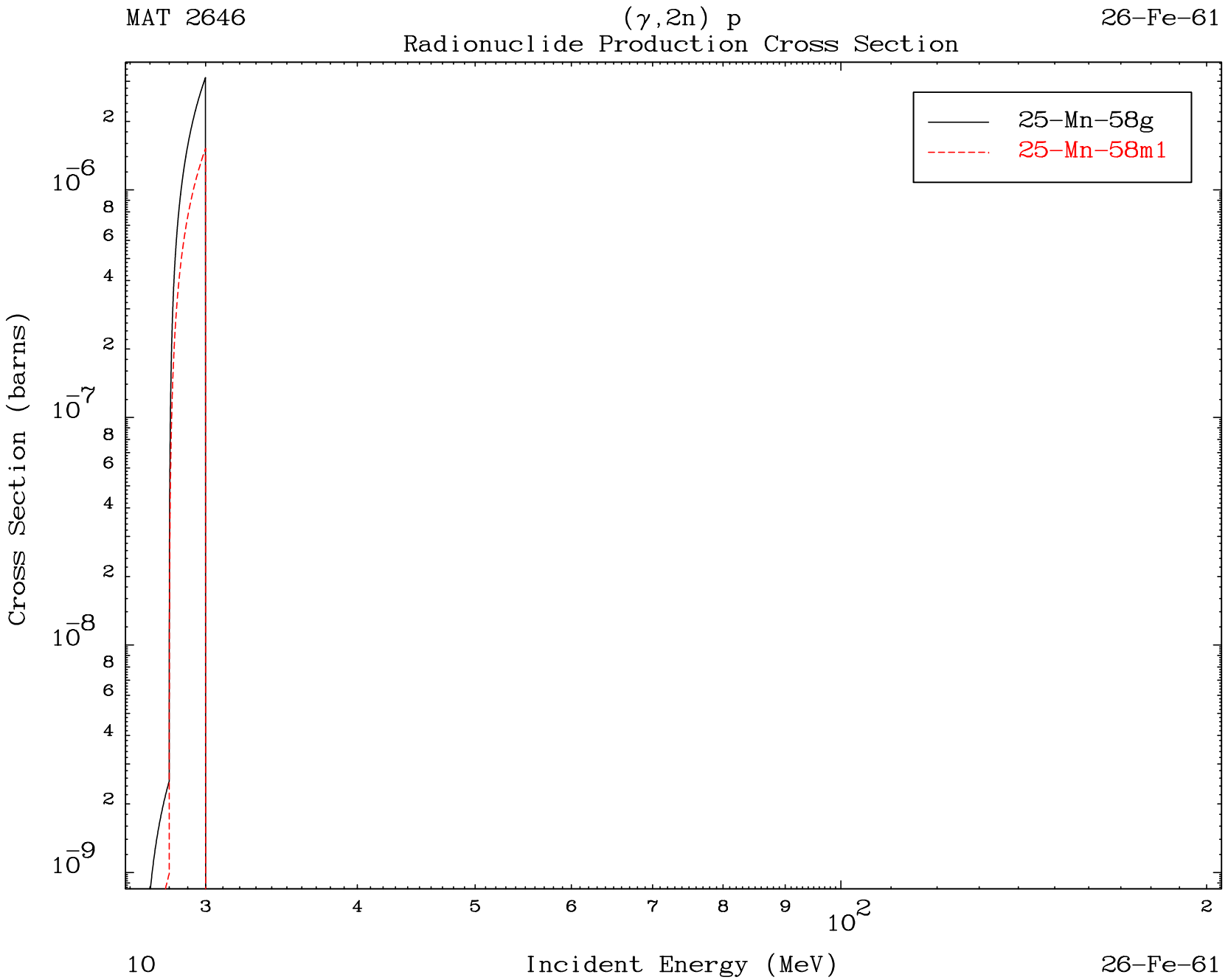

MAT 2646
(γ,p) Levels
26-Fe-61
0 Kelvin Cross Sections
Cross Section (barns)
10-4
10-6
10-8
10-10
(γ,p)
2
3
4
5
6
7
8
9
10 2
2
5
Incident Energy (MeV)
26-Fe-61

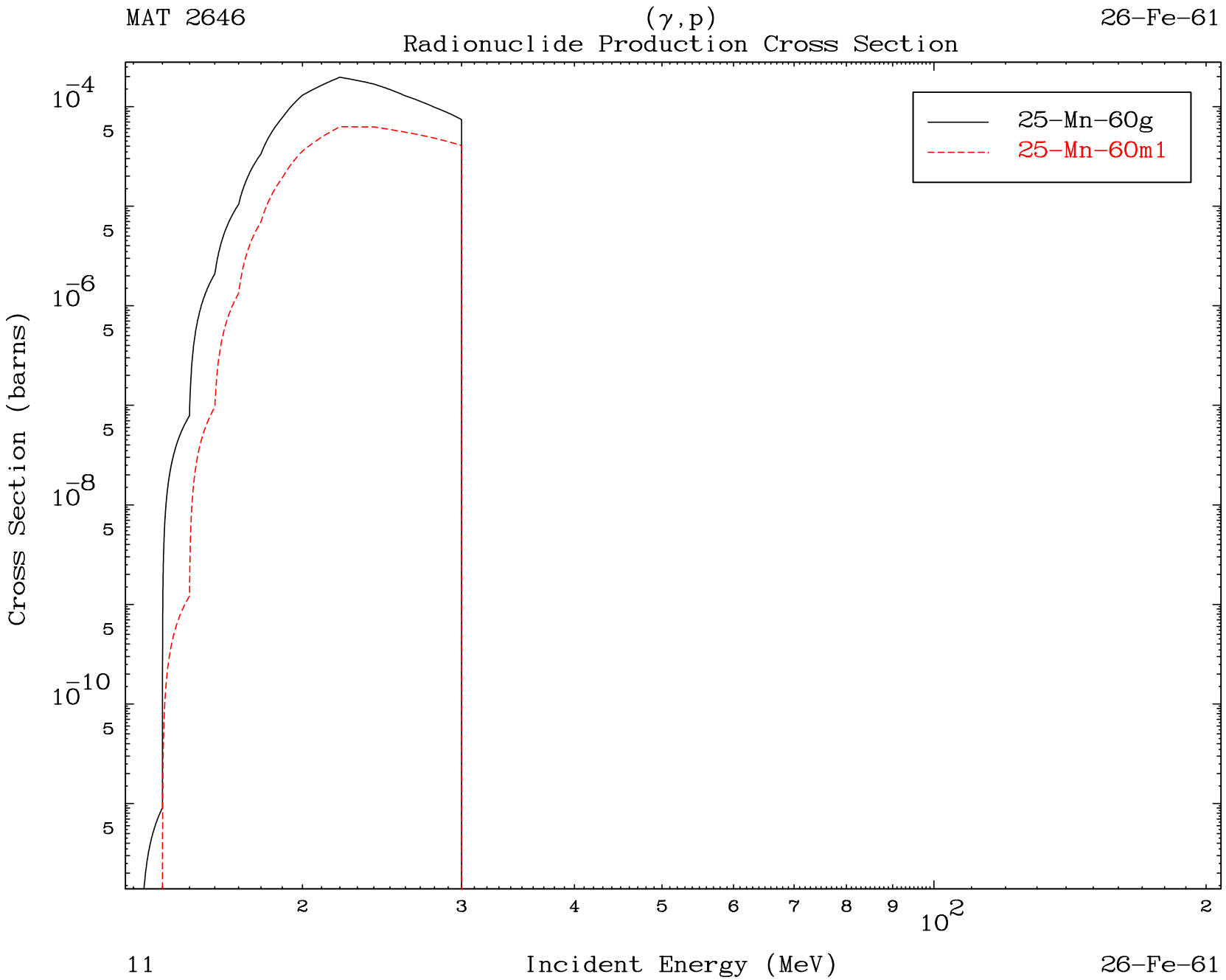

MAT 2646
(γ,d) Levels
26-Fe-61
0 Kelvin Cross Sections
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
(γ,d)
2
3
4
5
6
7
8
9
10^2
2
6
Incident Energy (MeV)
26-Fe-61

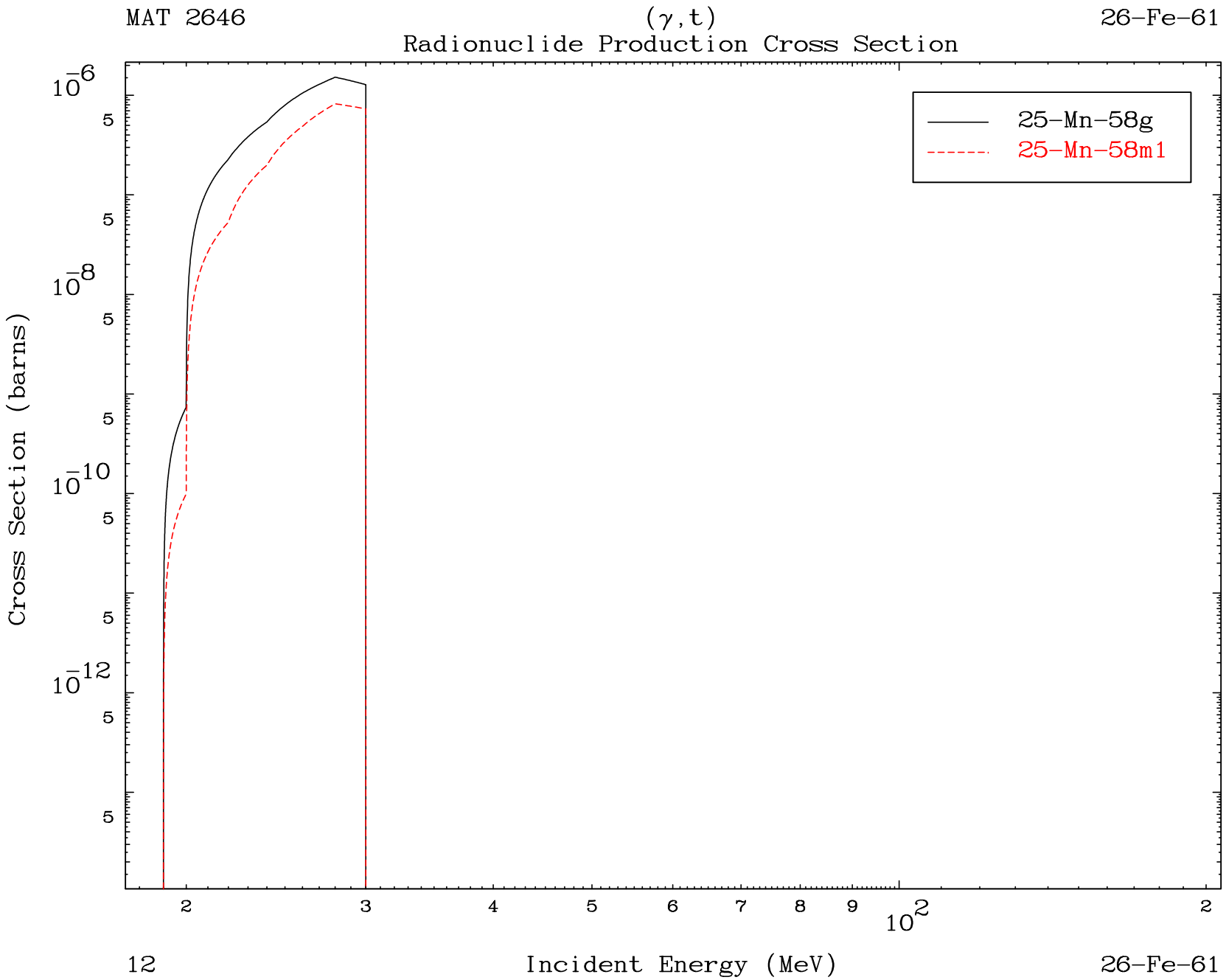

MAT 2646
(γ,t) Levels
26-Fe-61
0 Kelvin Cross Sections
Cross Section (barns)
10-6
5
10-8
5
10-10
5
10-12
5
5
(γ,t)
2
3
4
5
6
7
8
9
10 2
2
7
Incident Energy (MeV)
26-Fe-61


MAT 2646
(γ,α) Levels
26-Fe-61
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
101
2
3
4
5
6
7
8
9
102
2
Incident Energy (MeV)
8
26-Fe-61


MAT 2646
(γ,n') d
26-Fe-61
Radionuclide Production Cross Section
25-Mn-58g
25-Mn-58m1
Cross Section (barns)
10-6
10-7
10-8
10-9
10-10
5
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
9
26-Fe-61


MAT 2646
(γ,2n) p
26-Fe-61
Radionuclide Production Cross Section
25-Mn-58g
25-Mn-58m1
Cross Section (barns)
10
Incident Energy (MeV)
26-Fe-61


MAT 2646
(γ,p)
26-Fe-61
Radionuclide Production Cross Section
25-Mn-60g
25-Mn-60m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
11
26-Fe-61


MAT 2646
(γ,t)
26-Fe-61
Radionuclide Production Cross Section
25-Mn-58g
25-Mn-58m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
26-Fe-61