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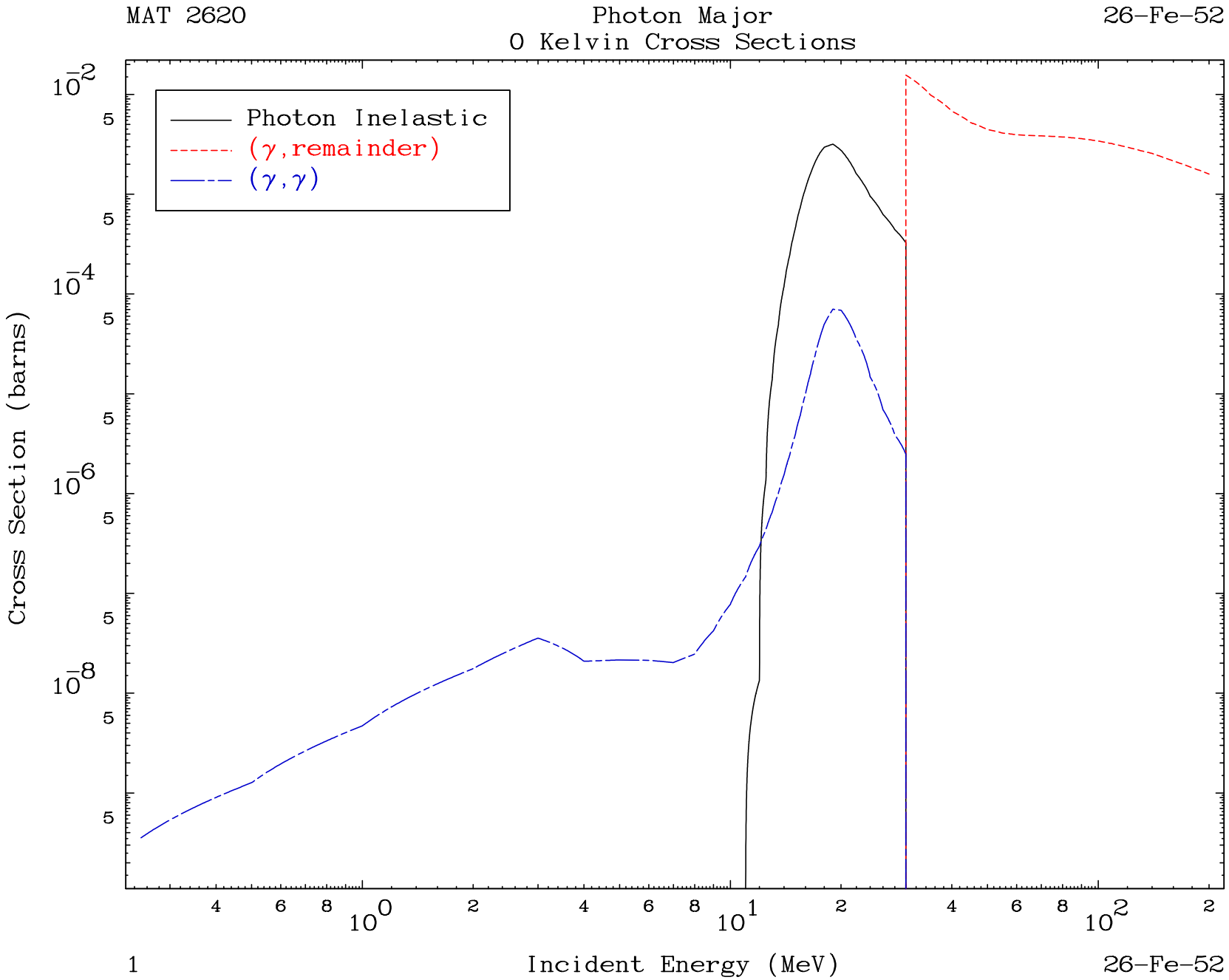
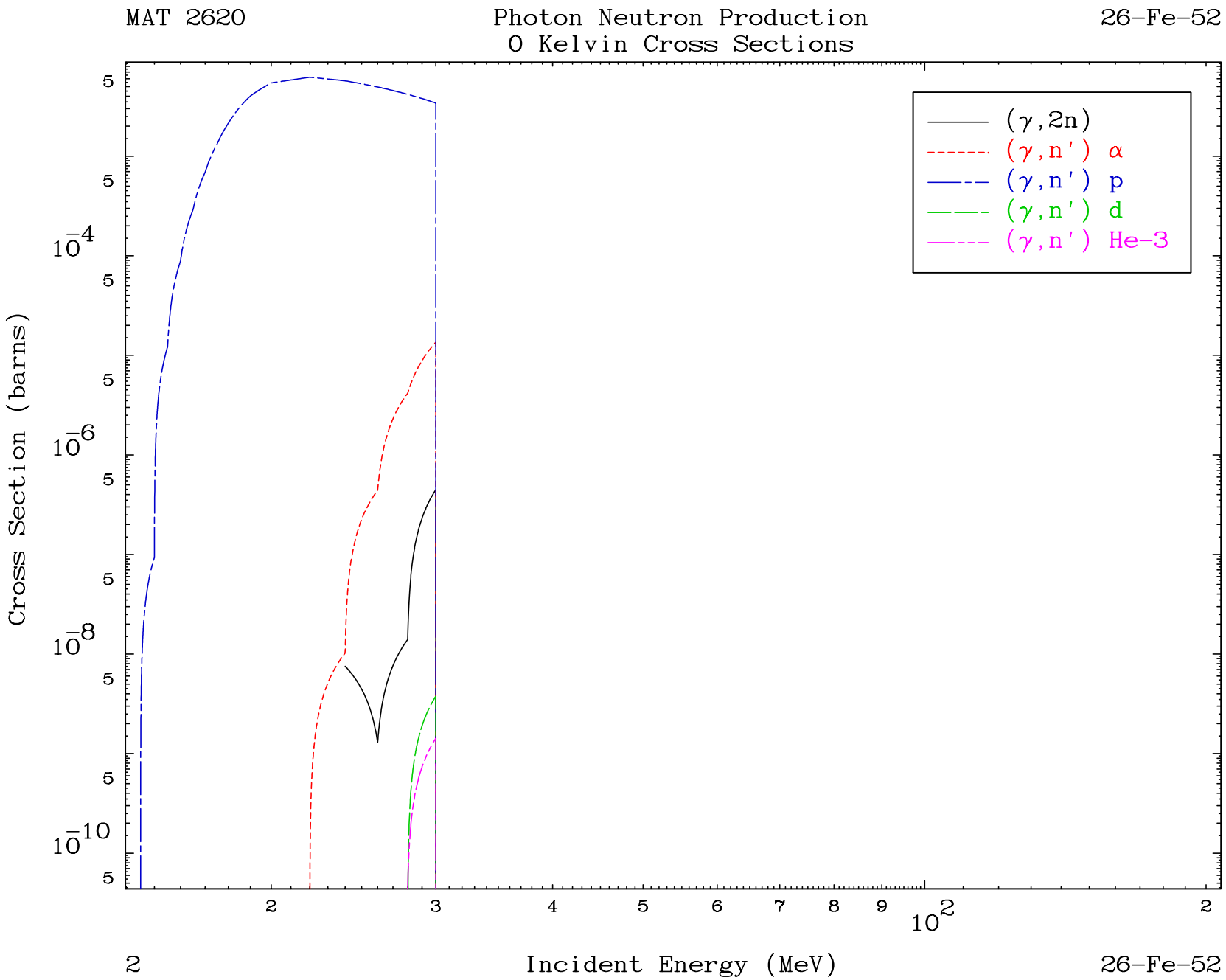
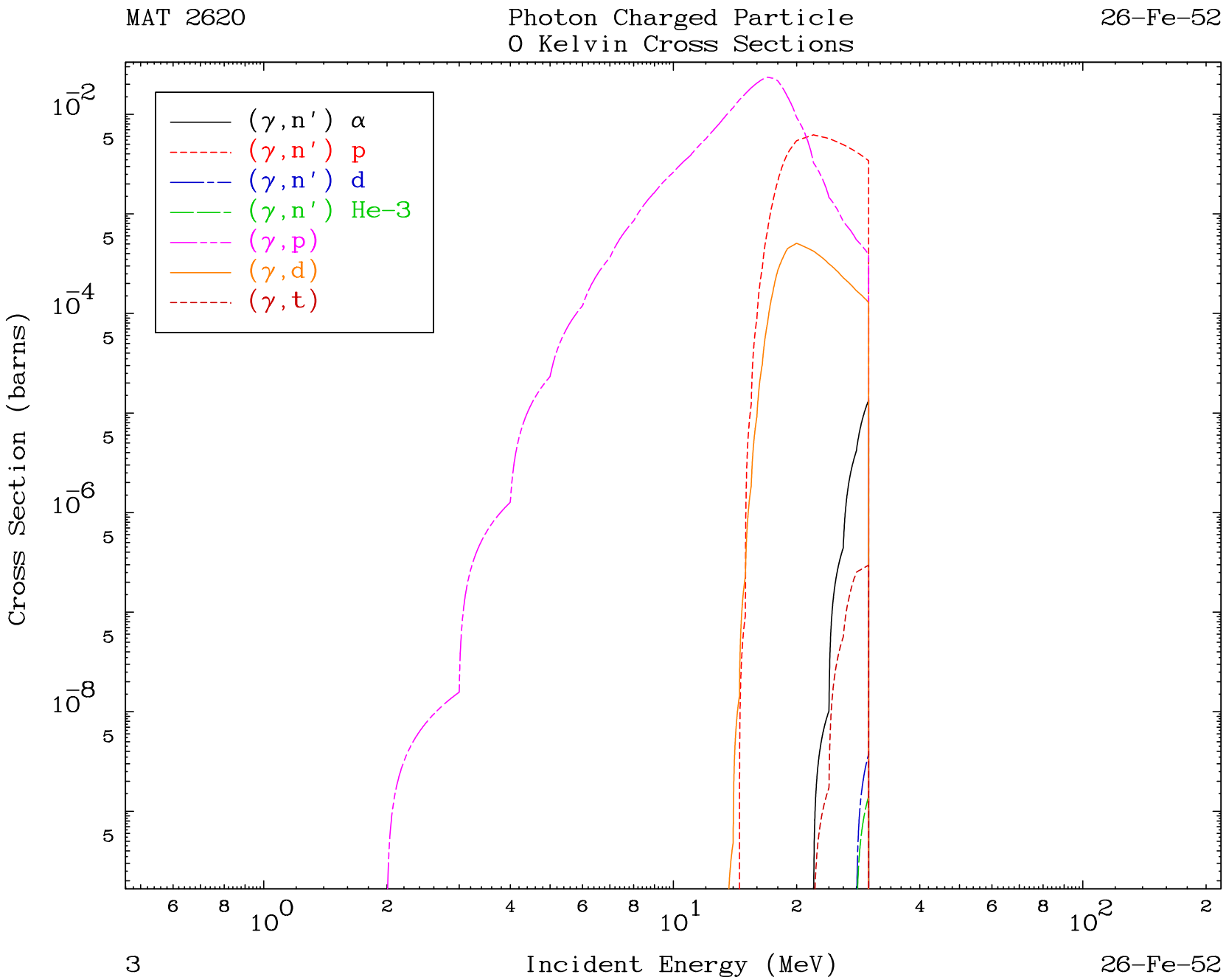
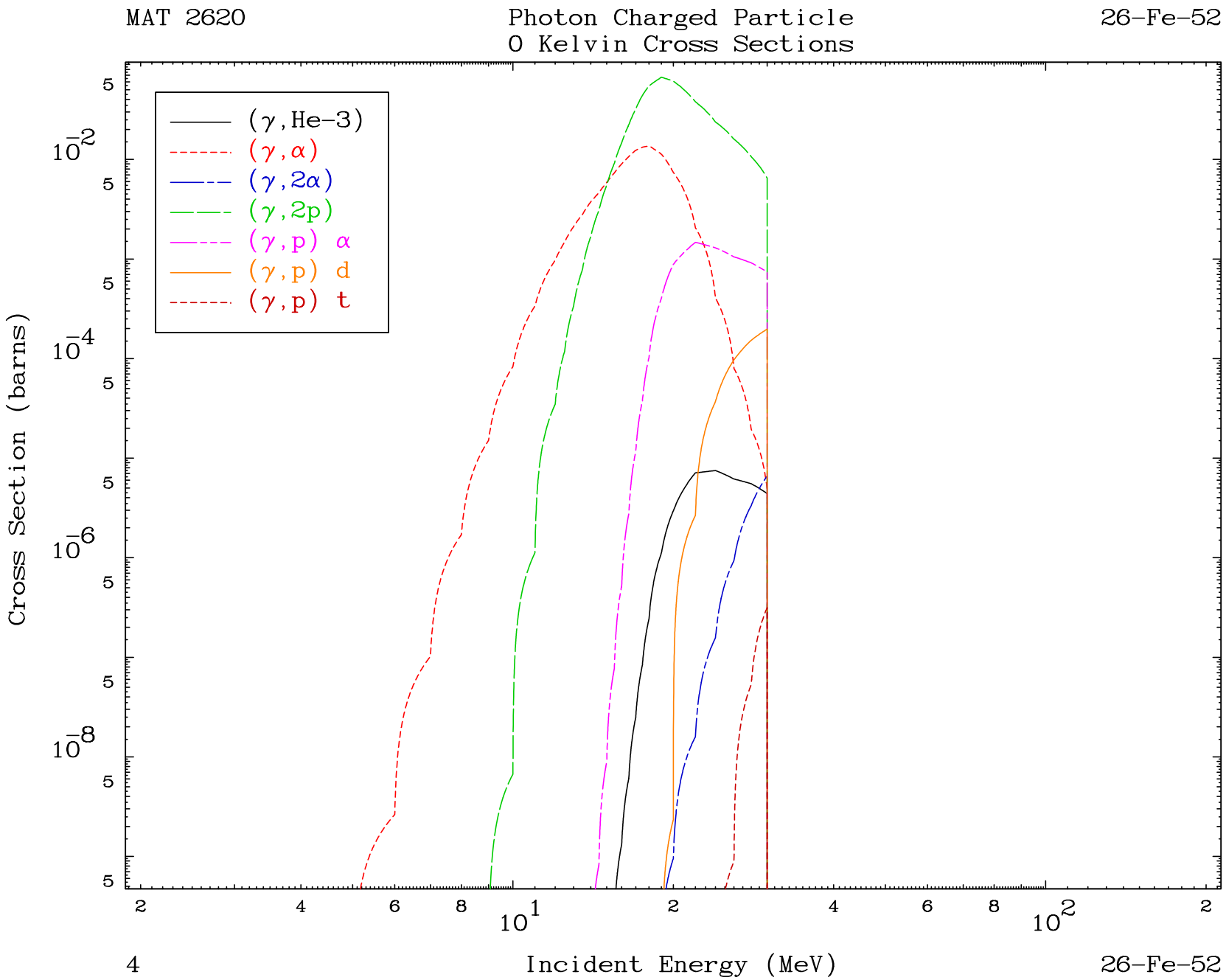
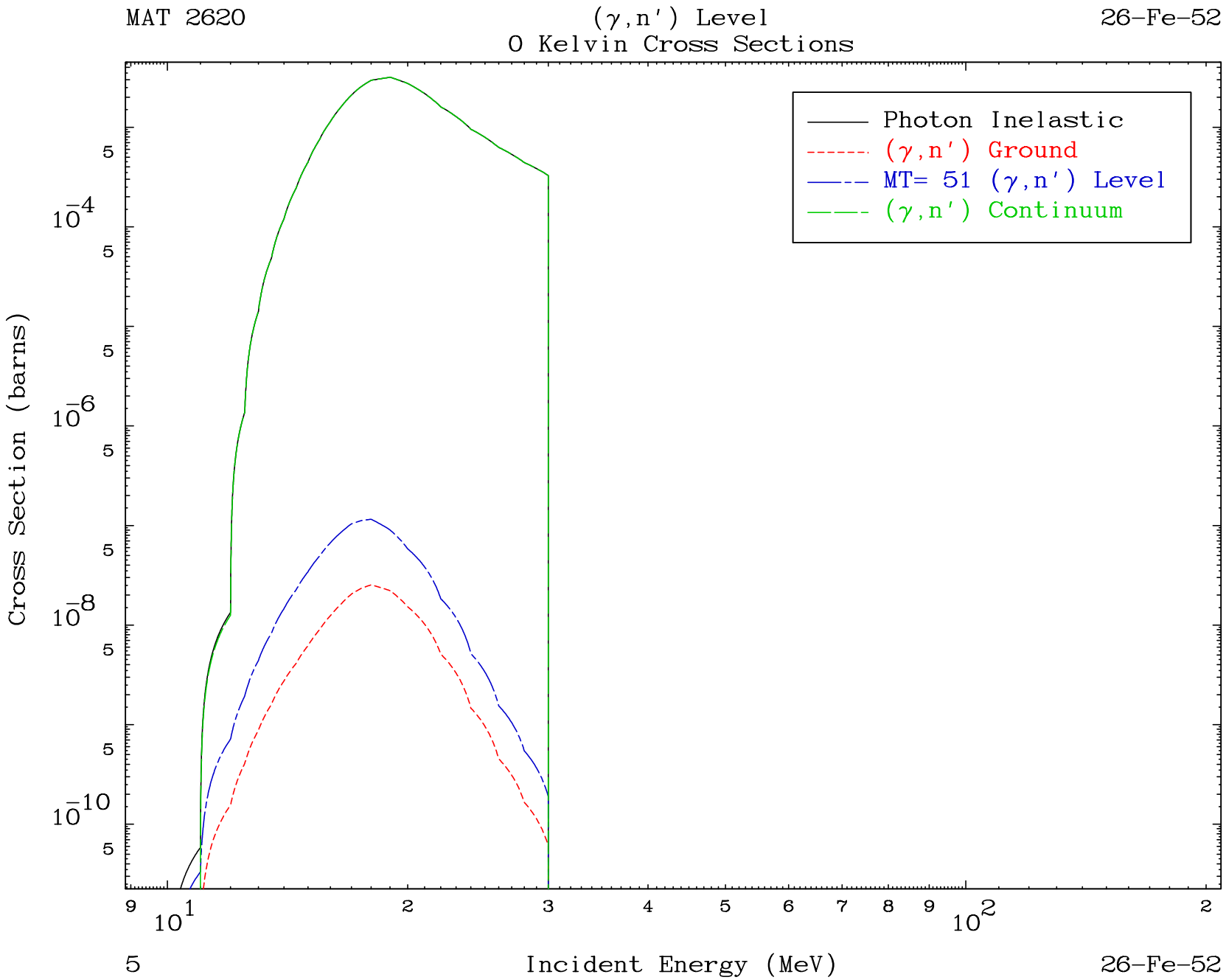
Press Mouse Button to Start

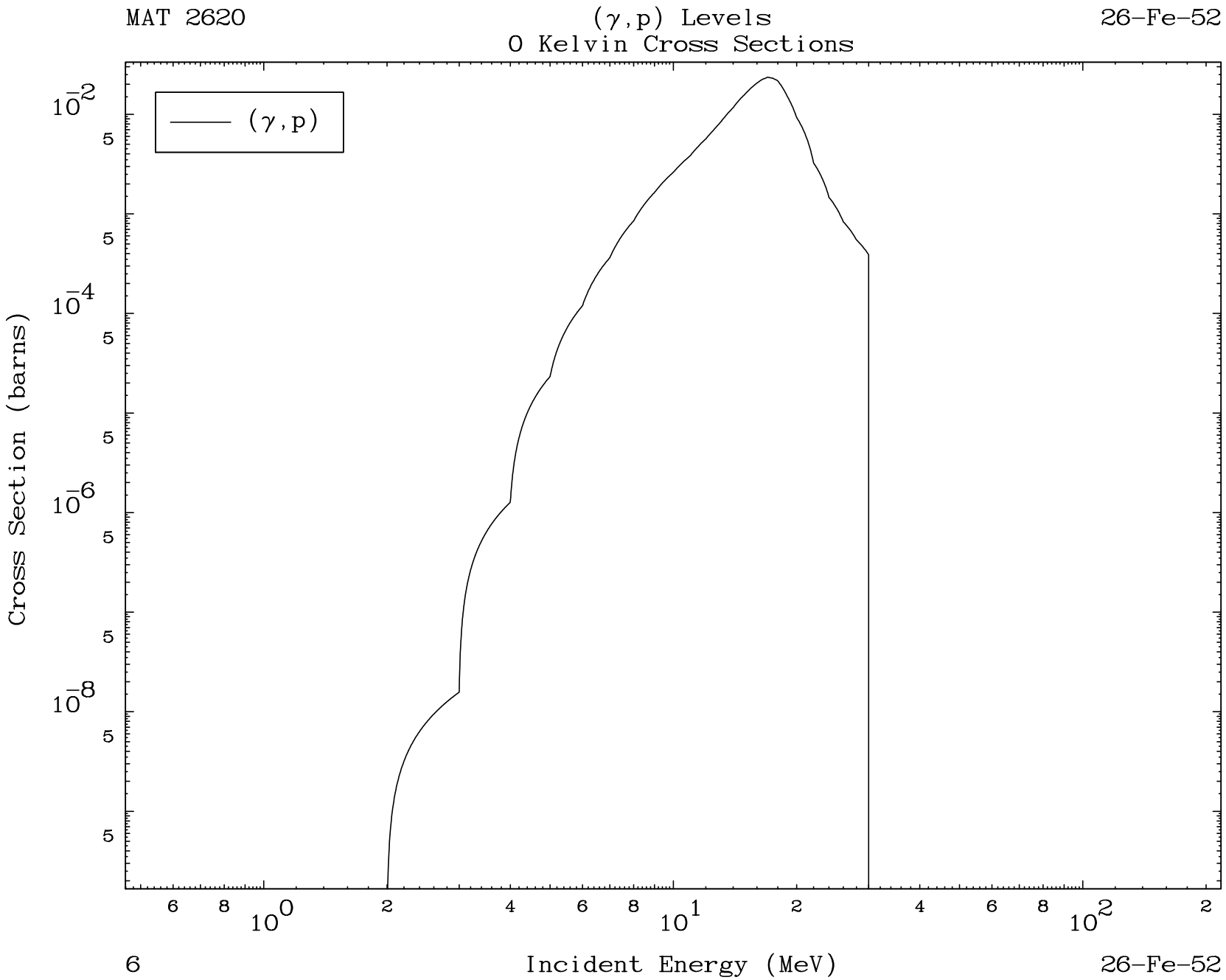

MAT 2620
Photon Major
26-Fe-52
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
1
26-Fe-52

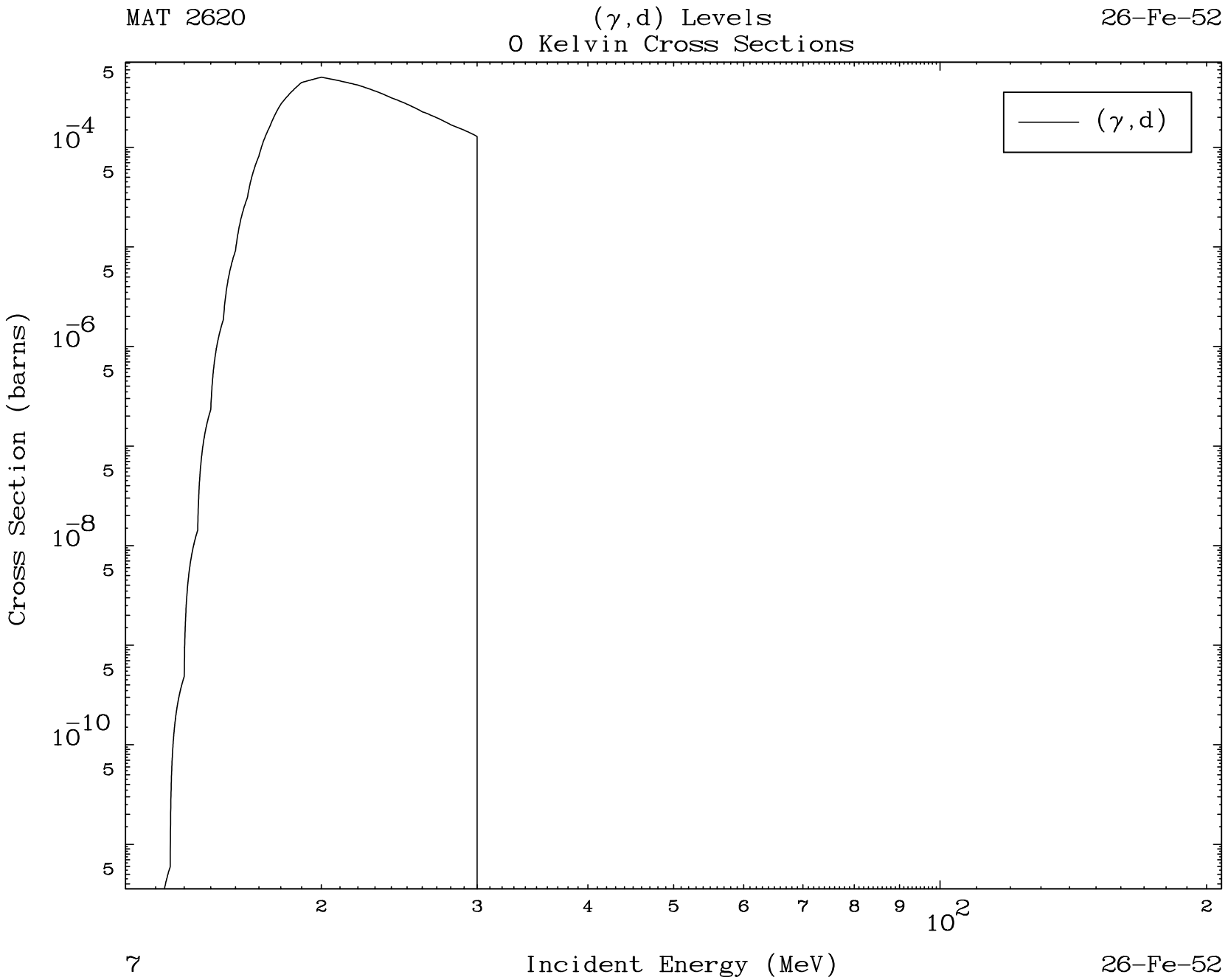

MAT 2620
Photon Neutron Production
0 Kelvin Cross Sections
26-Fe-52
(γ,2n)
(γ,n') α
(γ,n') p
(γ,n') d
(γ,n') He-3
Cross Section (barns)
Incident Energy (MeV)
26-Fe-52

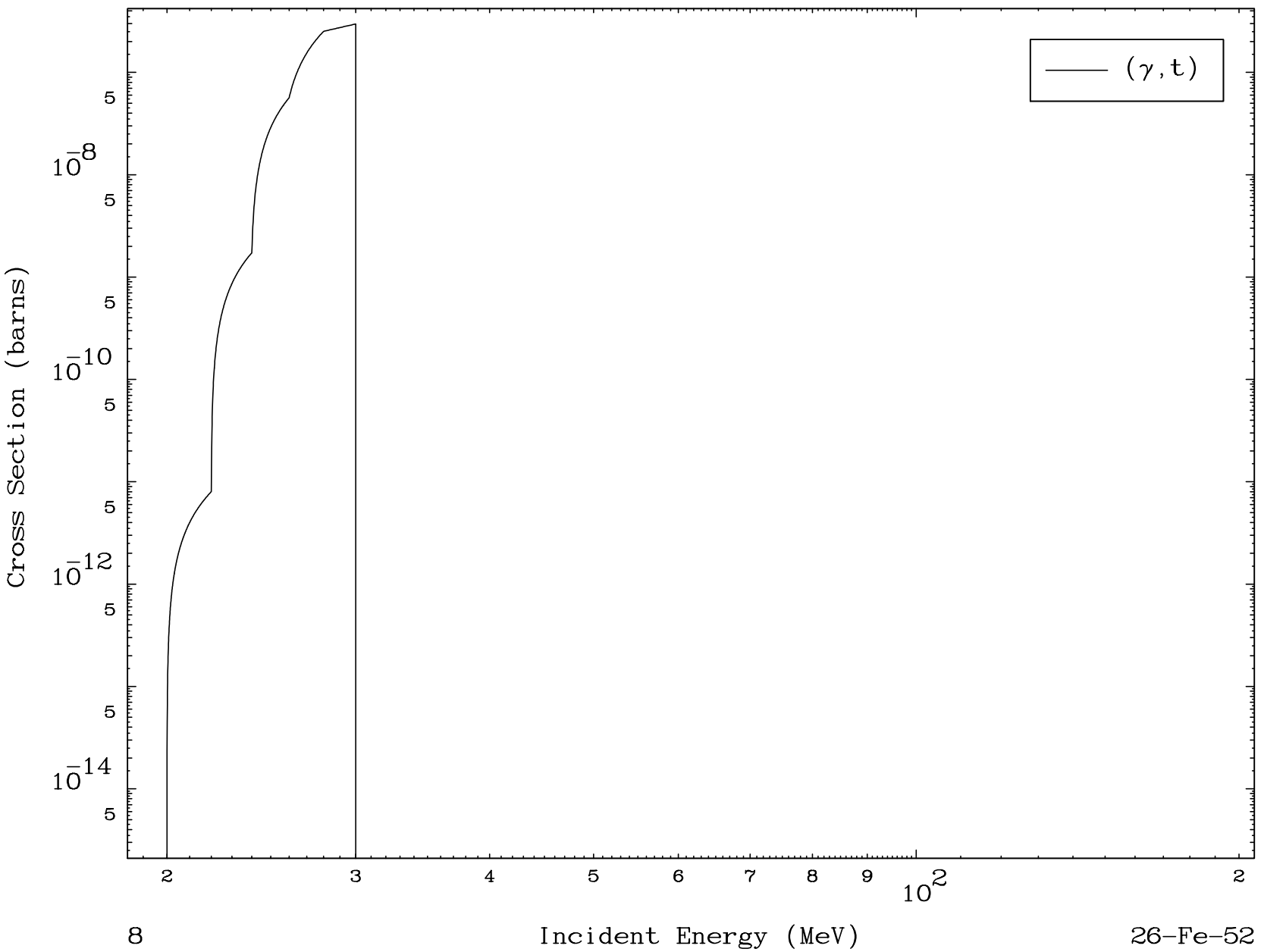

MAT 2620
Photon Charged Particle
0 Kelvin Cross Sections
26-Fe-52
(γ,n') α
(γ,n') p
(γ,n') d
(γ,n') He-3
(γ,p)
(γ,d)
(γ,t)
Cross Section (barns)
Incident Energy (MeV)
3
26-Fe-52

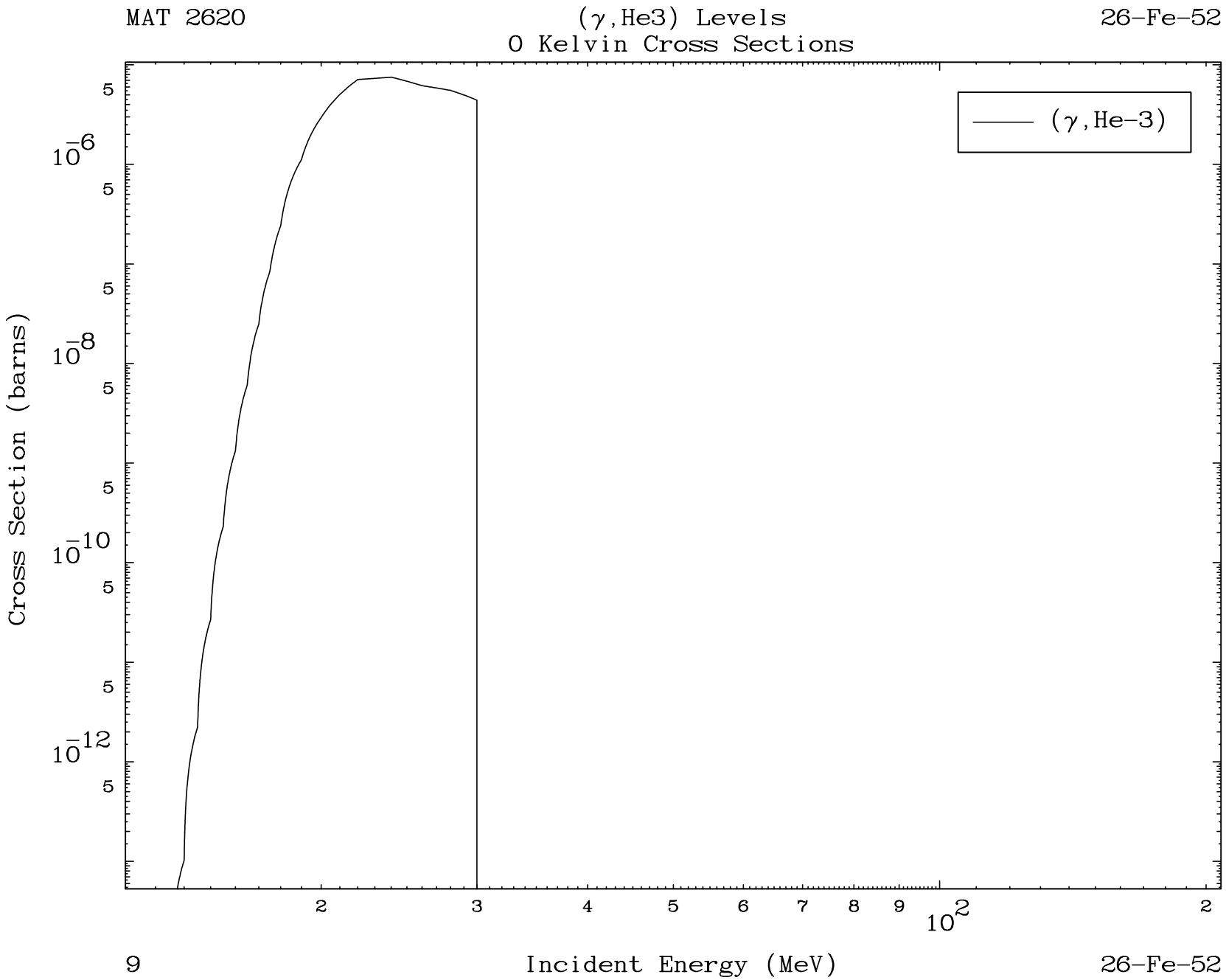

MAT 2620
Photon Charged Particle
0 Kelvin Cross Sections
26-Fe-52
(γ,He-3)
(γ,α)
(γ,2α)
(γ,2p)
(γ,p) α
(γ,p) d
(γ,p) t
Cross Section (barns)
Incident Energy (MeV)
4
26-Fe-52

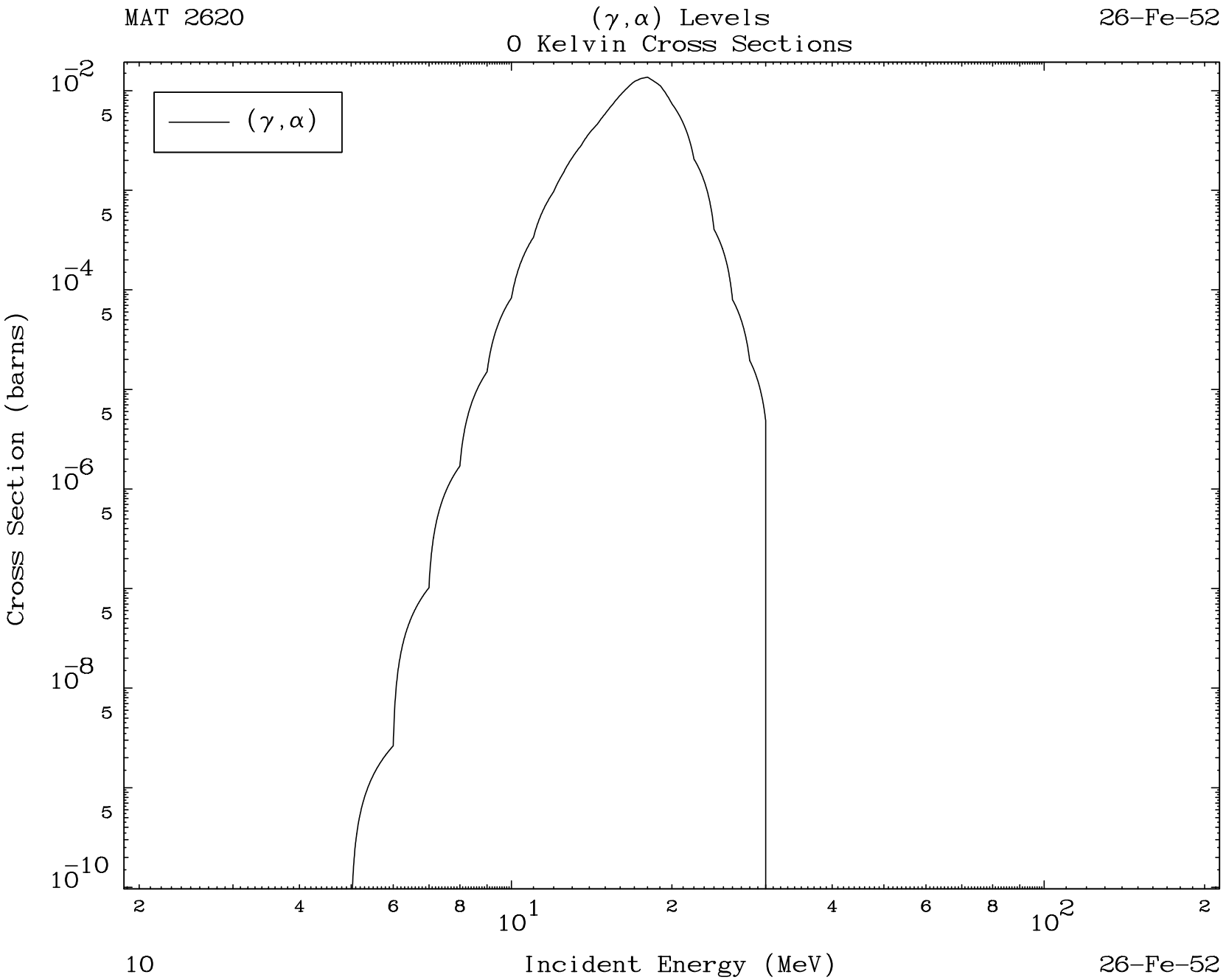

MAT 2620
(γ,n') Level
26-Fe-52
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
26-Fe-52

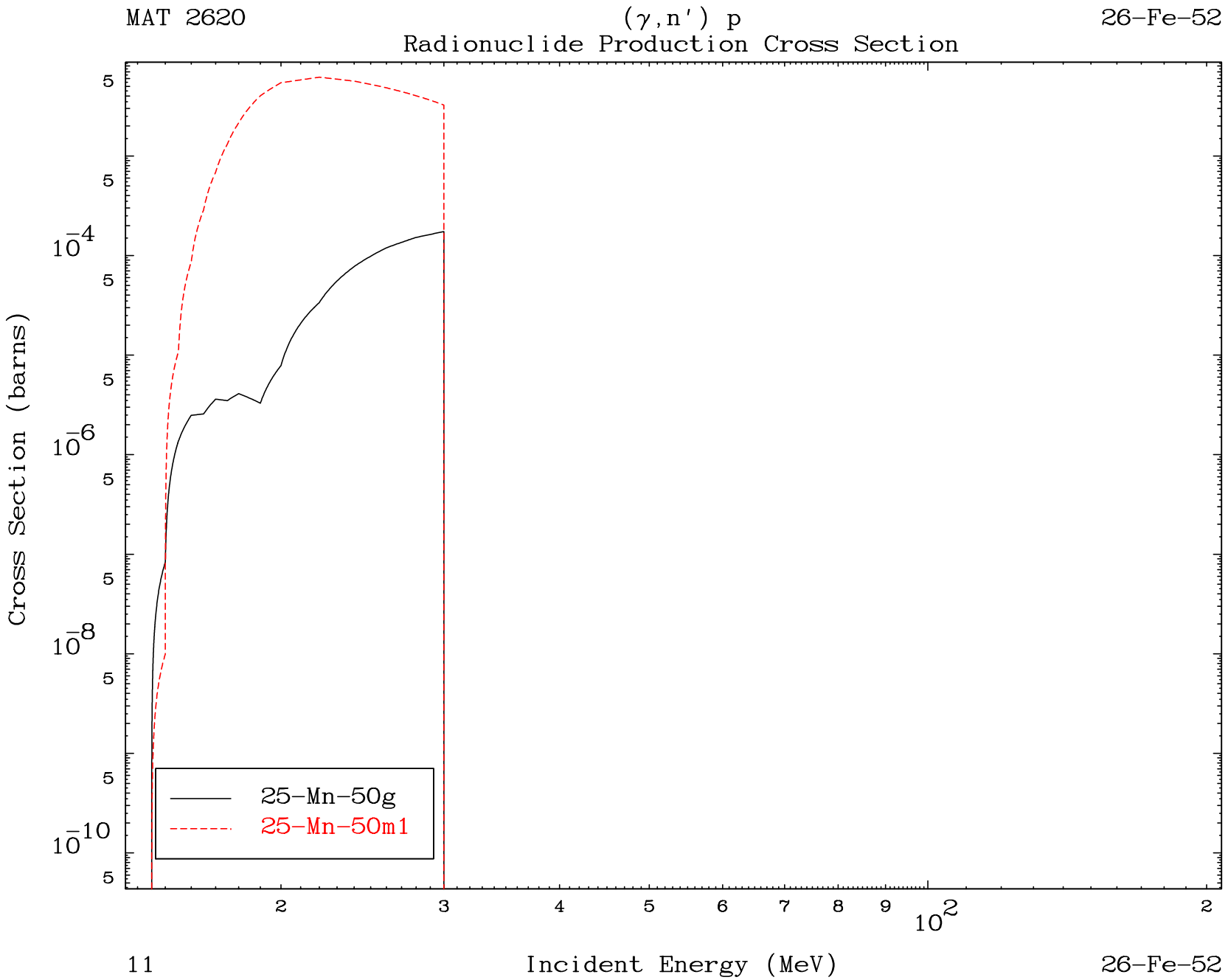

MAT 2620
(γ,p) Levels
26-Fe-52
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
Incident Energy (MeV)
6
26-Fe-52

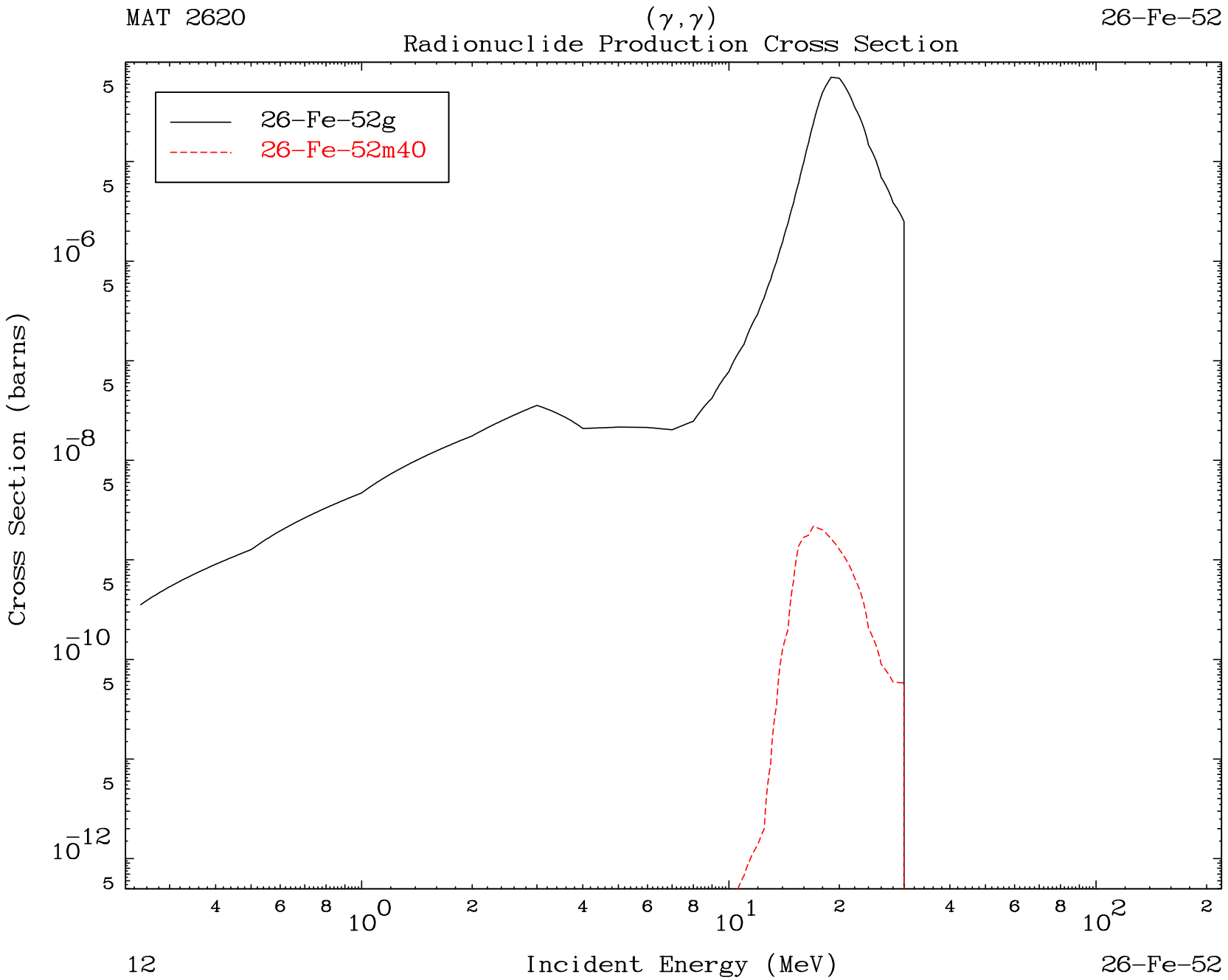

MAT 2620
(γ,d) Levels
26-Fe-52
0 Kelvin Cross Sections
(γ,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
7
26-Fe-52

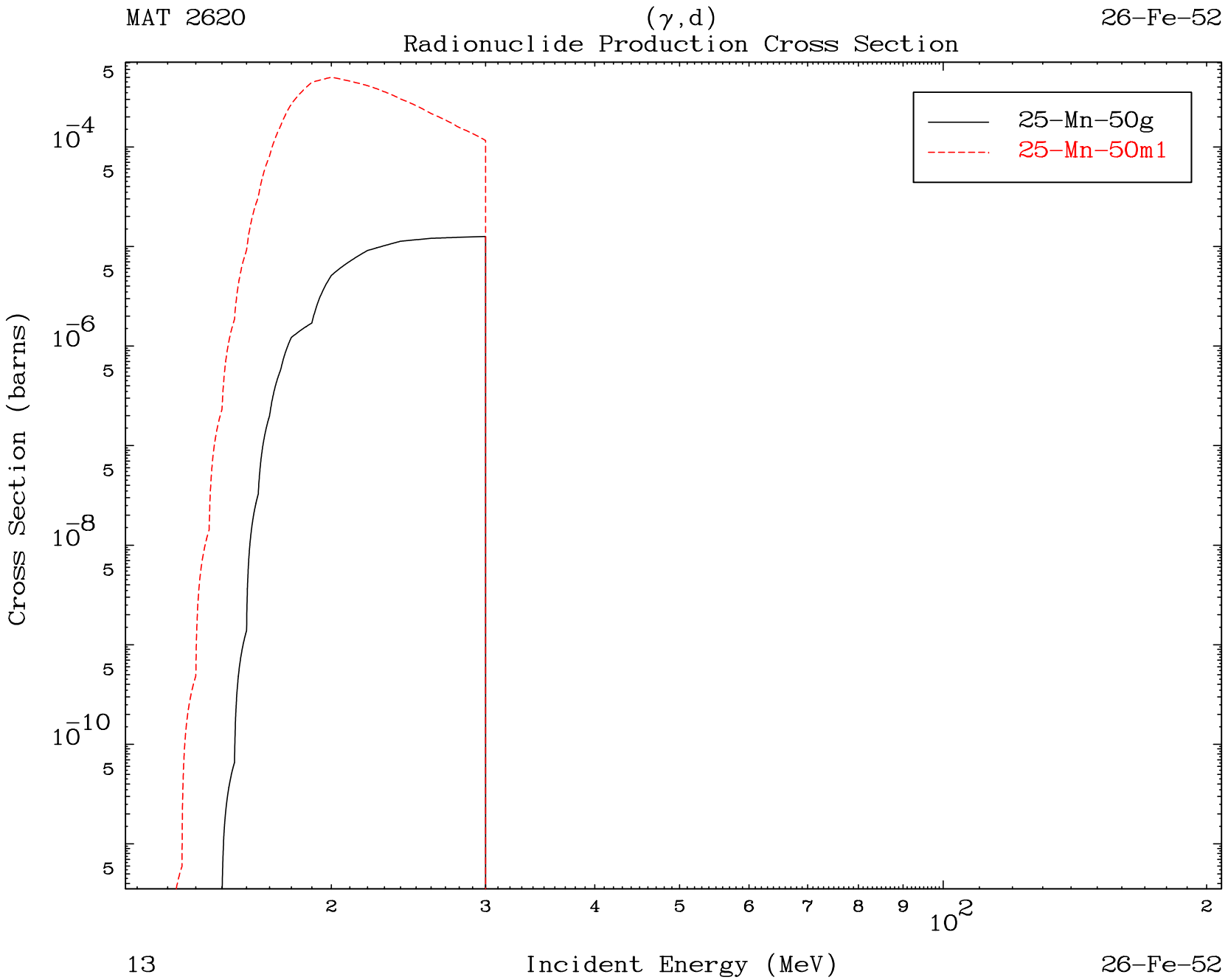

0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


MAT 2620
(γ,He3) Levels
26-Fe-52
0 Kelvin Cross Sections
(γ,He-3)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
9
Incident Energy (MeV)
26-Fe-52


MAT 2620
(γ,α) Levels
26-Fe-52
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
2
4
6
8
10^1
2
4
6
8
10^2
2
10
Incident Energy (MeV)
26-Fe-52


MAT 2620
(γ,n') p
26-Fe-52
Radionuclide Production Cross Section
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
25-Mn-50g
25-Mn-50m1
2
3
4
5
6
7
8
9
10^2
2
11
Incident Energy (MeV)
26-Fe-52


MAT 2620
(γ,γ)
26-Fe-52
Radionuclide Production Cross Section
26-Fe-52g
26-Fe-52m40
Cross Section (barns)
Incident Energy (MeV)
12
26-Fe-52


MAT 2620
(γ,d)
26-Fe-52
Radionuclide Production Cross Section
25-Mn-50g
25-Mn-50m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
13
26-Fe-52