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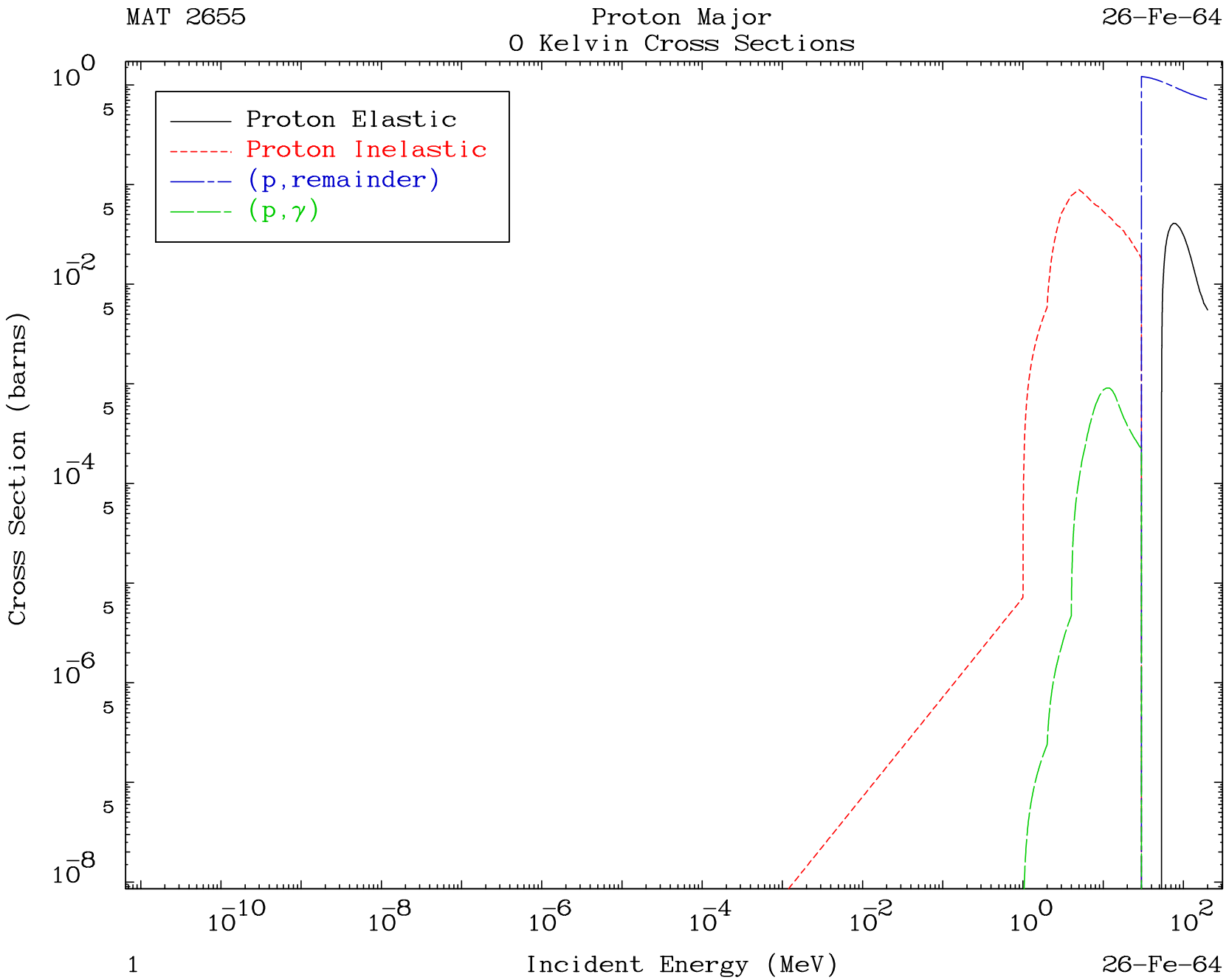
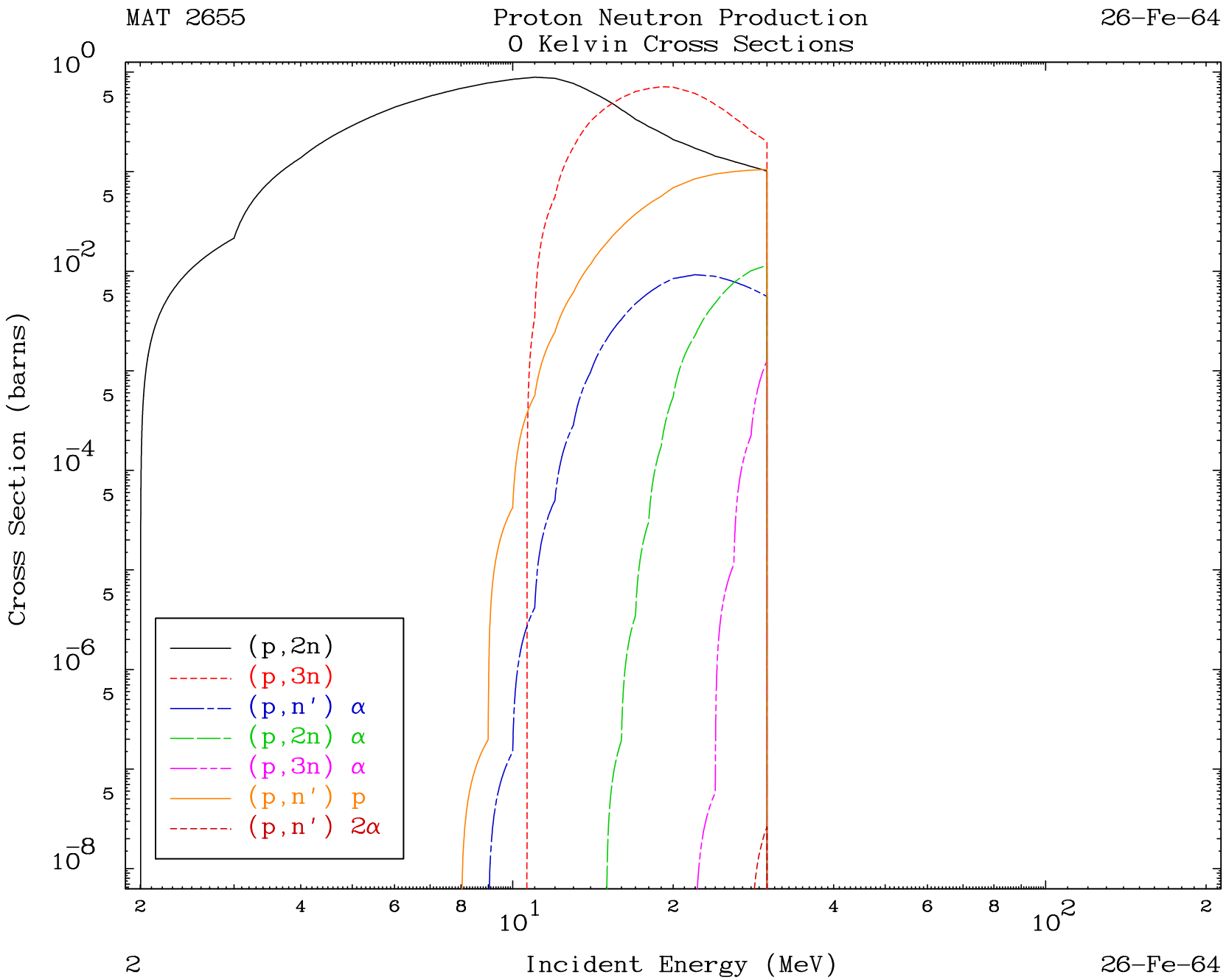
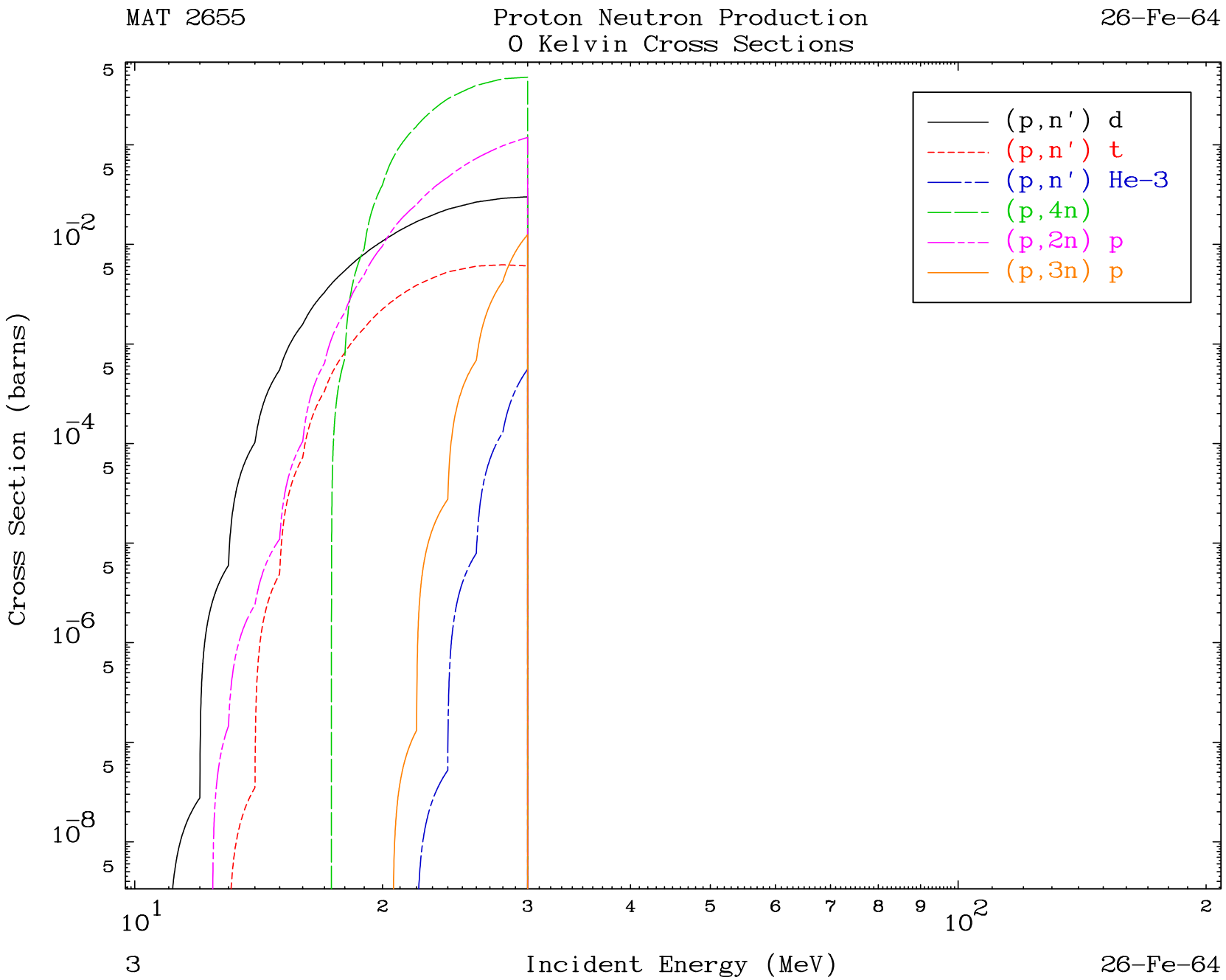
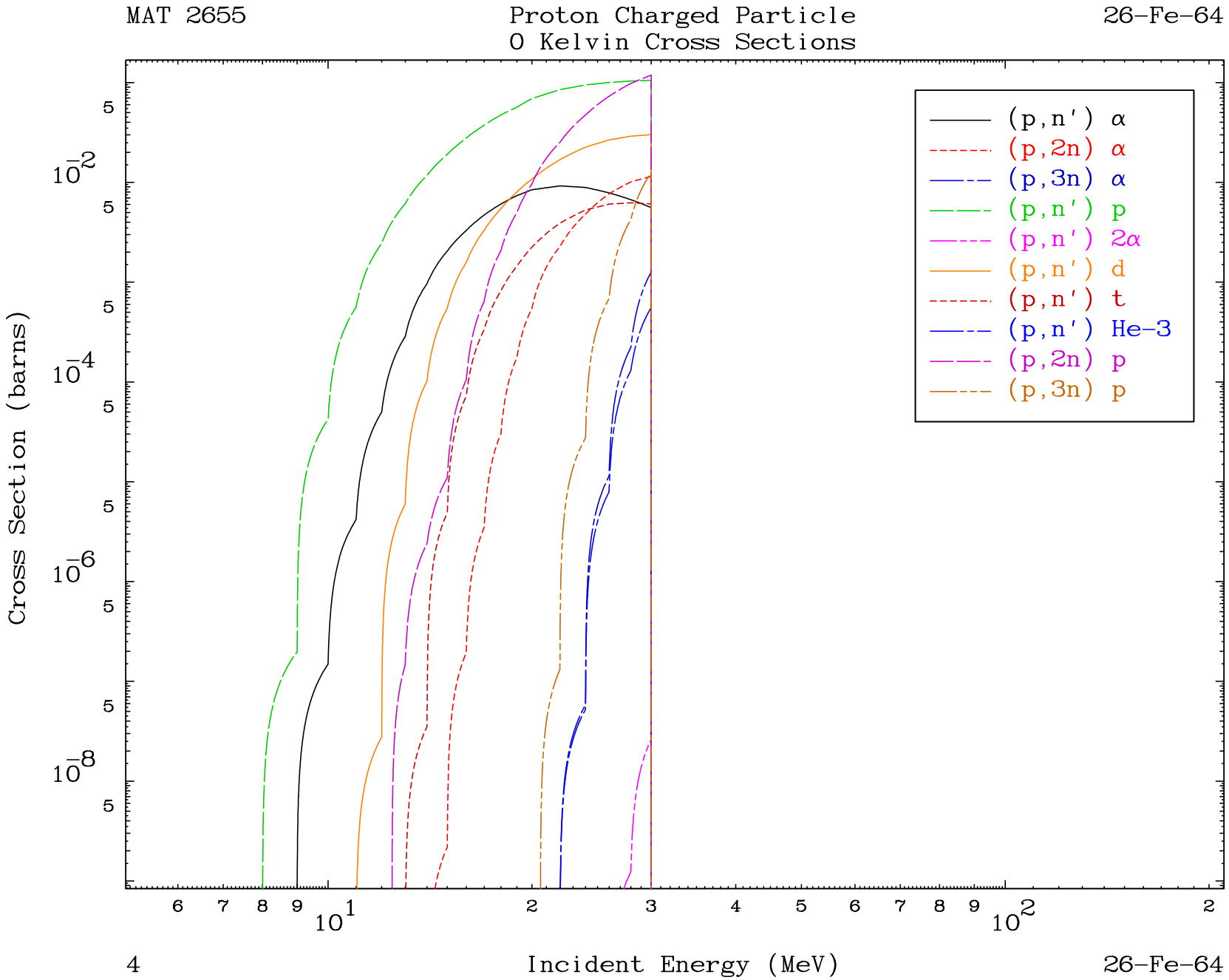
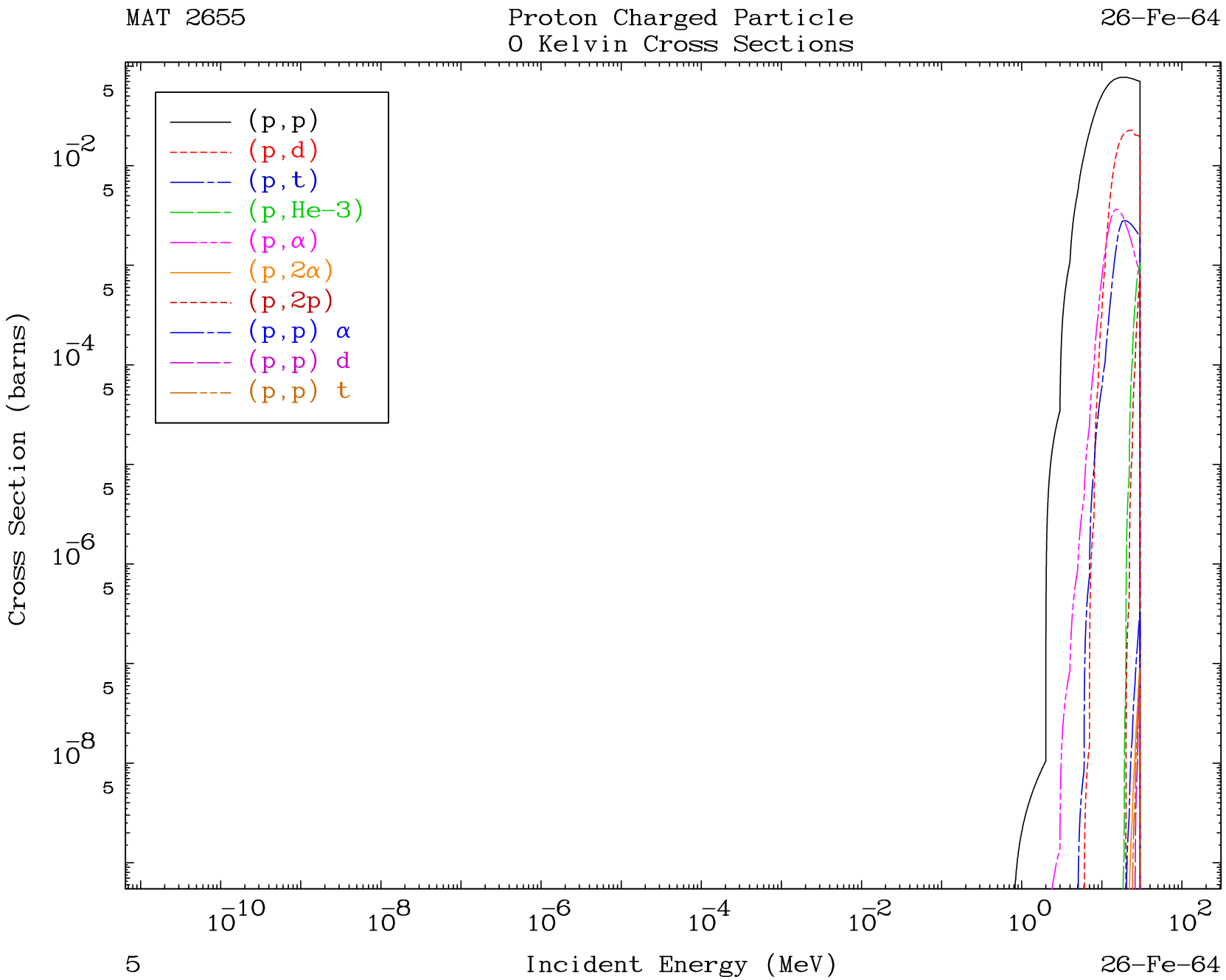
Press Mouse Button to Start

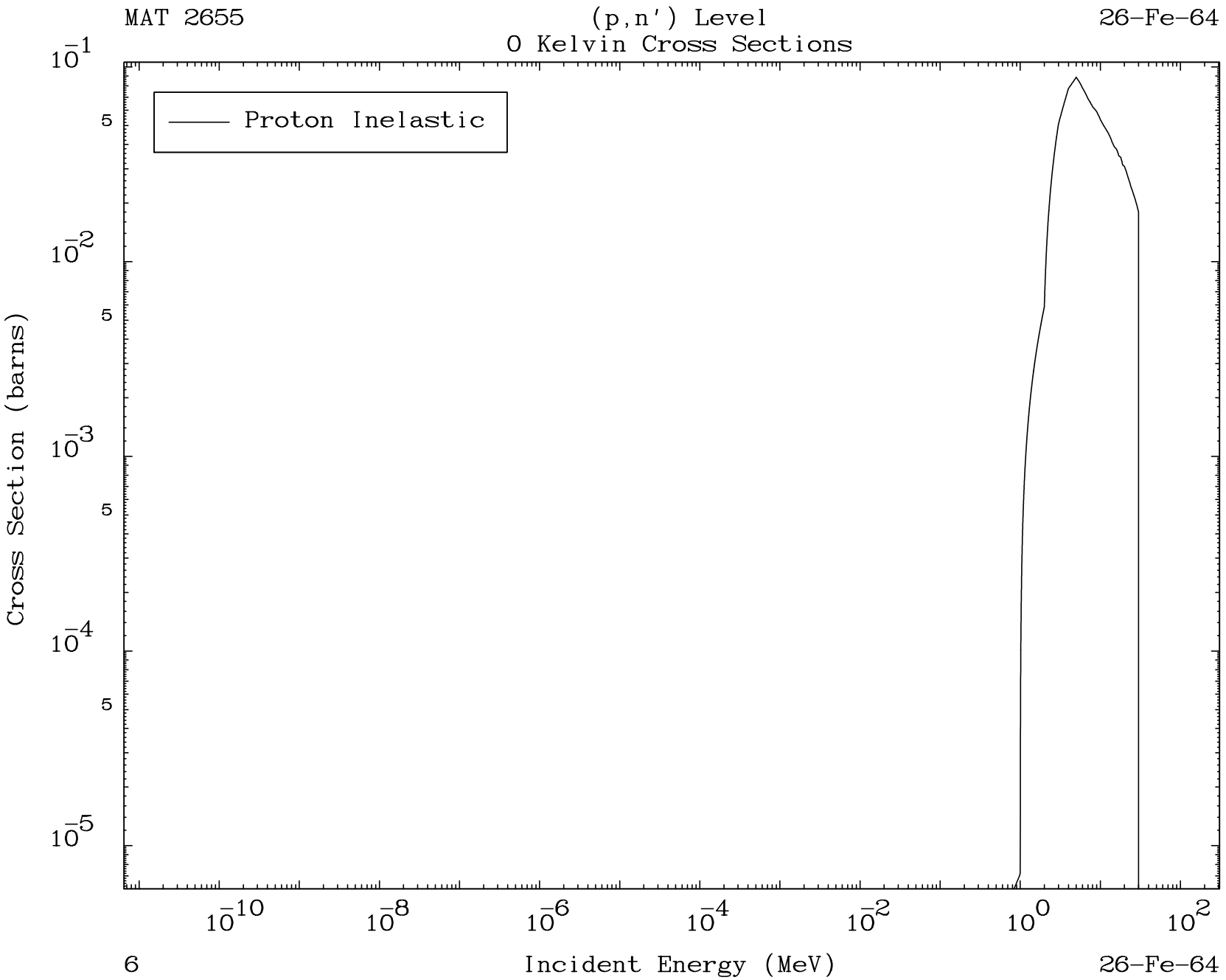

MAT 2655
Proton Major
26-Fe-64
0 Kelvin Cross Sections
Proton Elastic
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
1
26-Fe-64

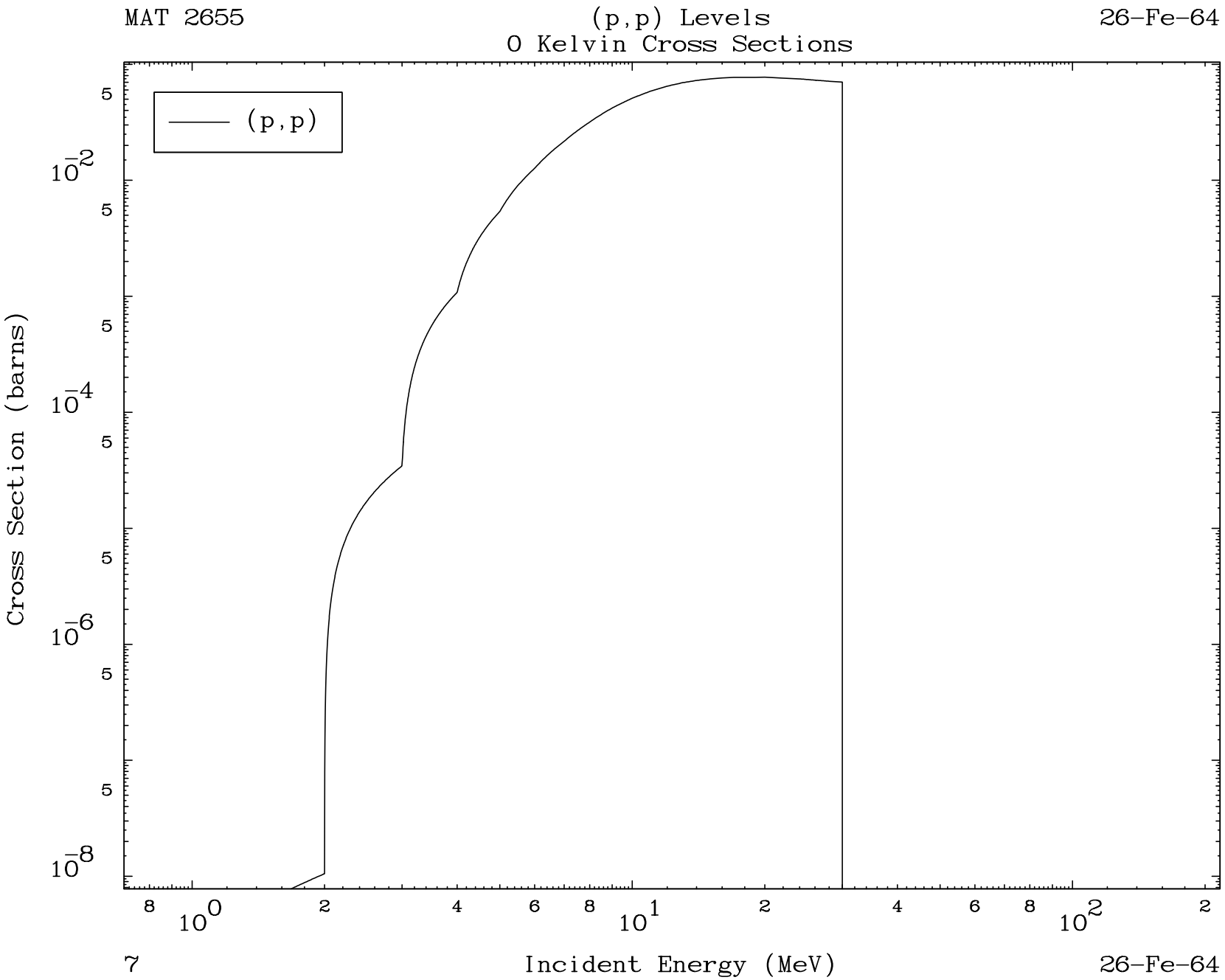

MAT 2655
Proton Neutron Production
0 Kelvin Cross Sections
26-Fe-64
Cross Section (barns)
Incident Energy (MeV)
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
26-Fe-64

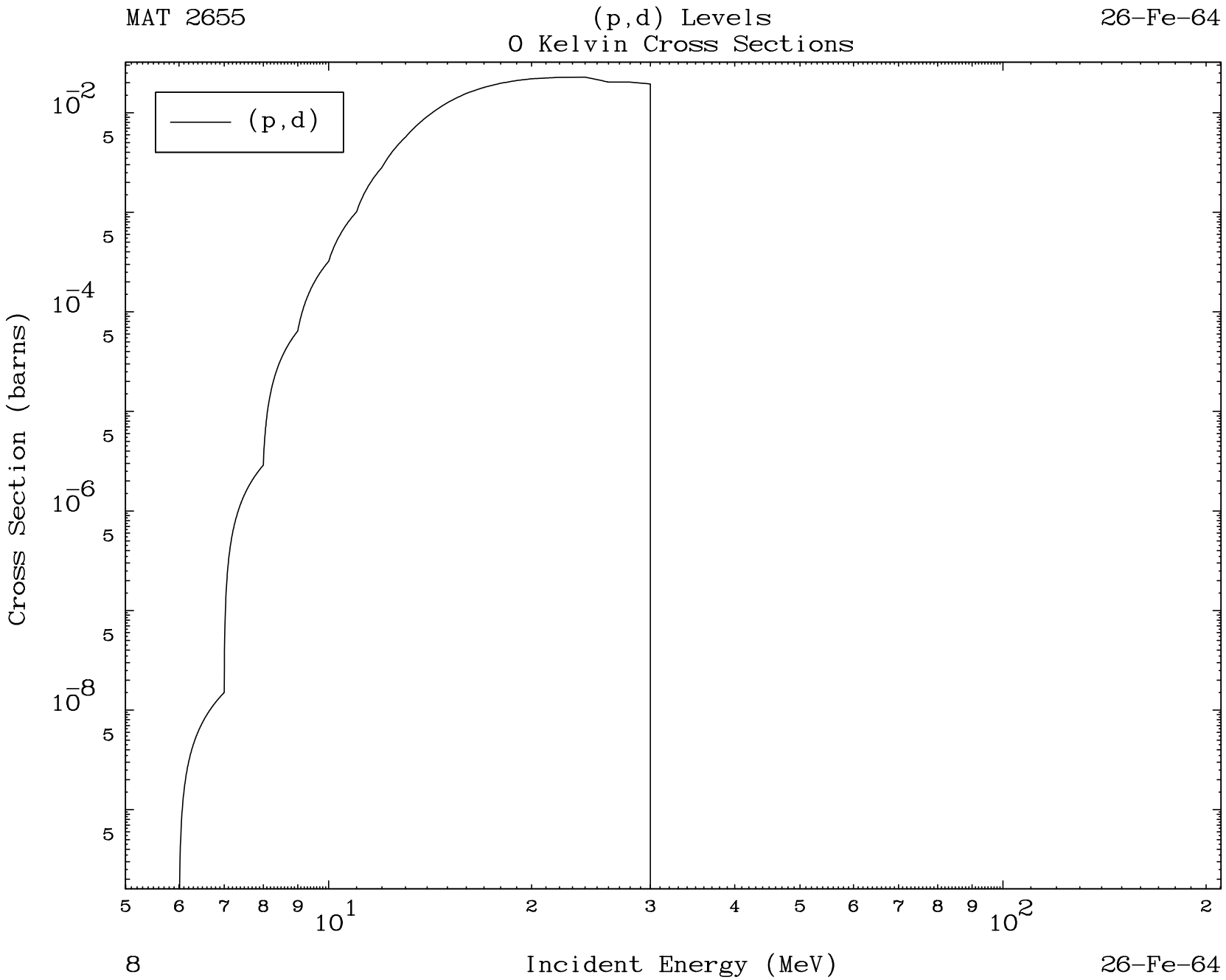

MAT 2655
Proton Neutron Production
0 Kelvin Cross Sections
26-Fe-64
(p,n') d
(p,n') t
(p,n') He-3
(p,4n)
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
26-Fe-64
3

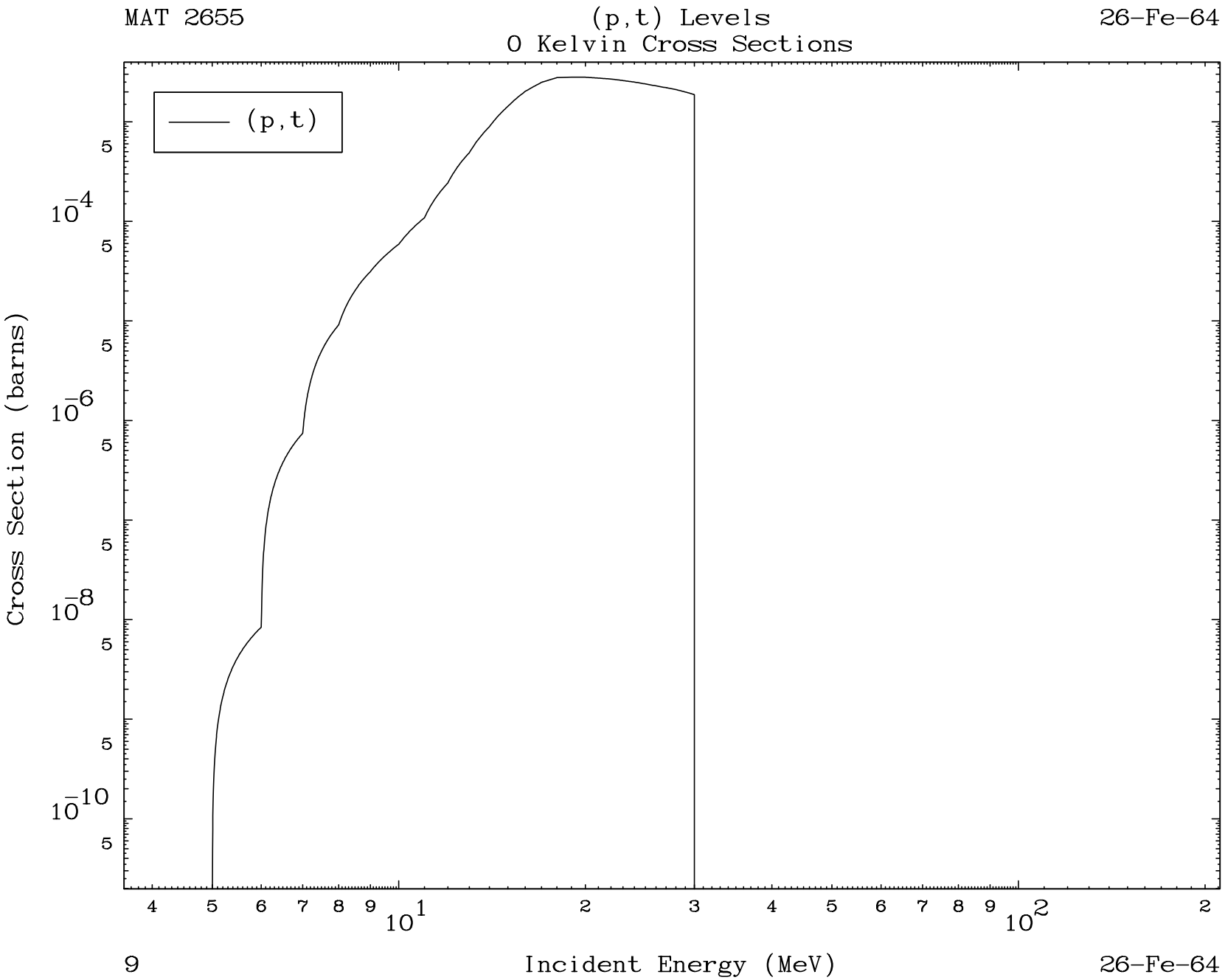

MAT 2655
Proton Charged Particle
0 Kelvin Cross Sections
26-Fe-64
Cross Section (barns)
Incident Energy (MeV)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,3n) p
4
26-Fe-64

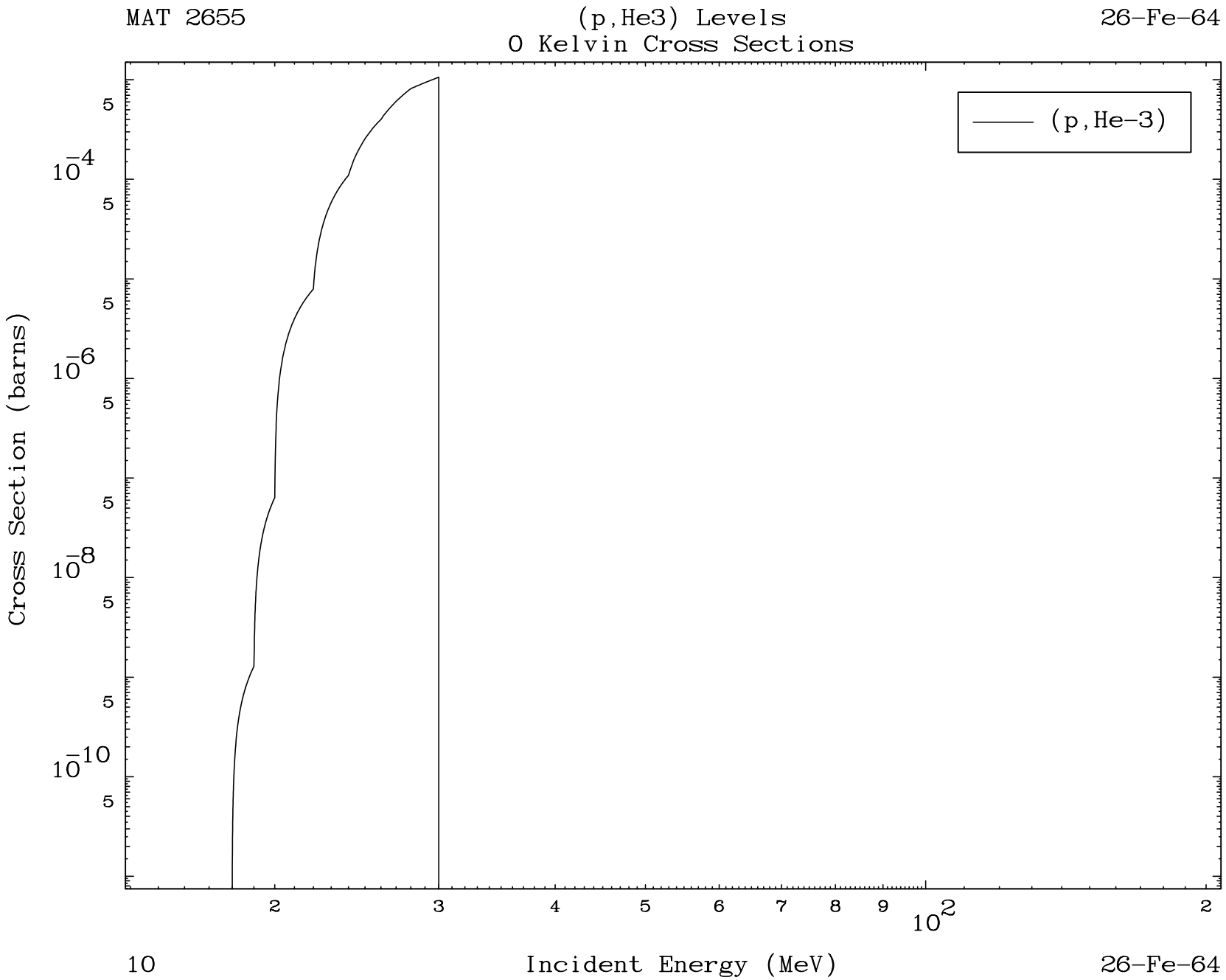

MAT 2655
Proton Charged Particle
0 Kelvin Cross Sections
26-Fe-64
(p,p)
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
26-Fe-64
5

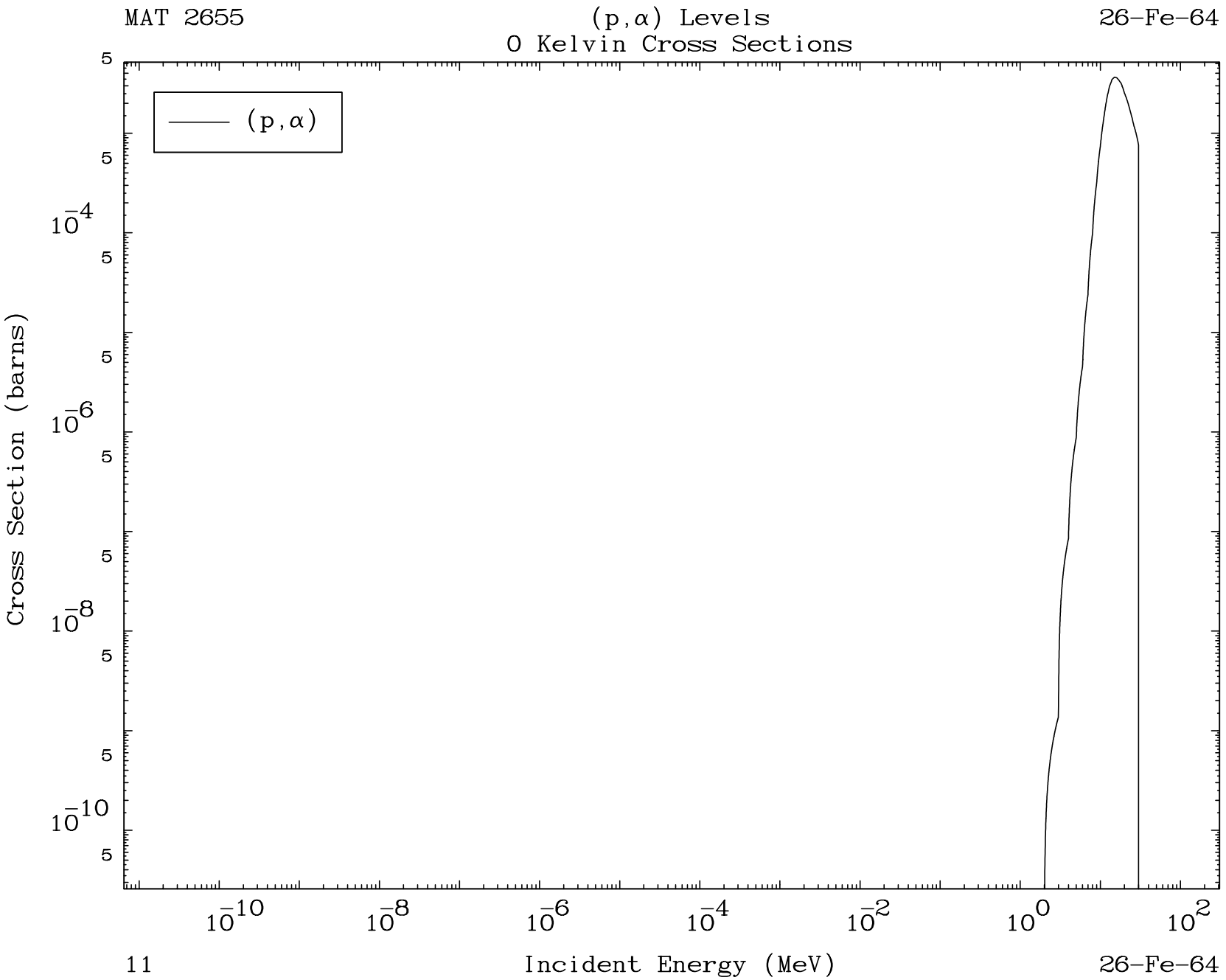

MAT 2655
(p,n') Level
26-Fe-64
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
26-Fe-64

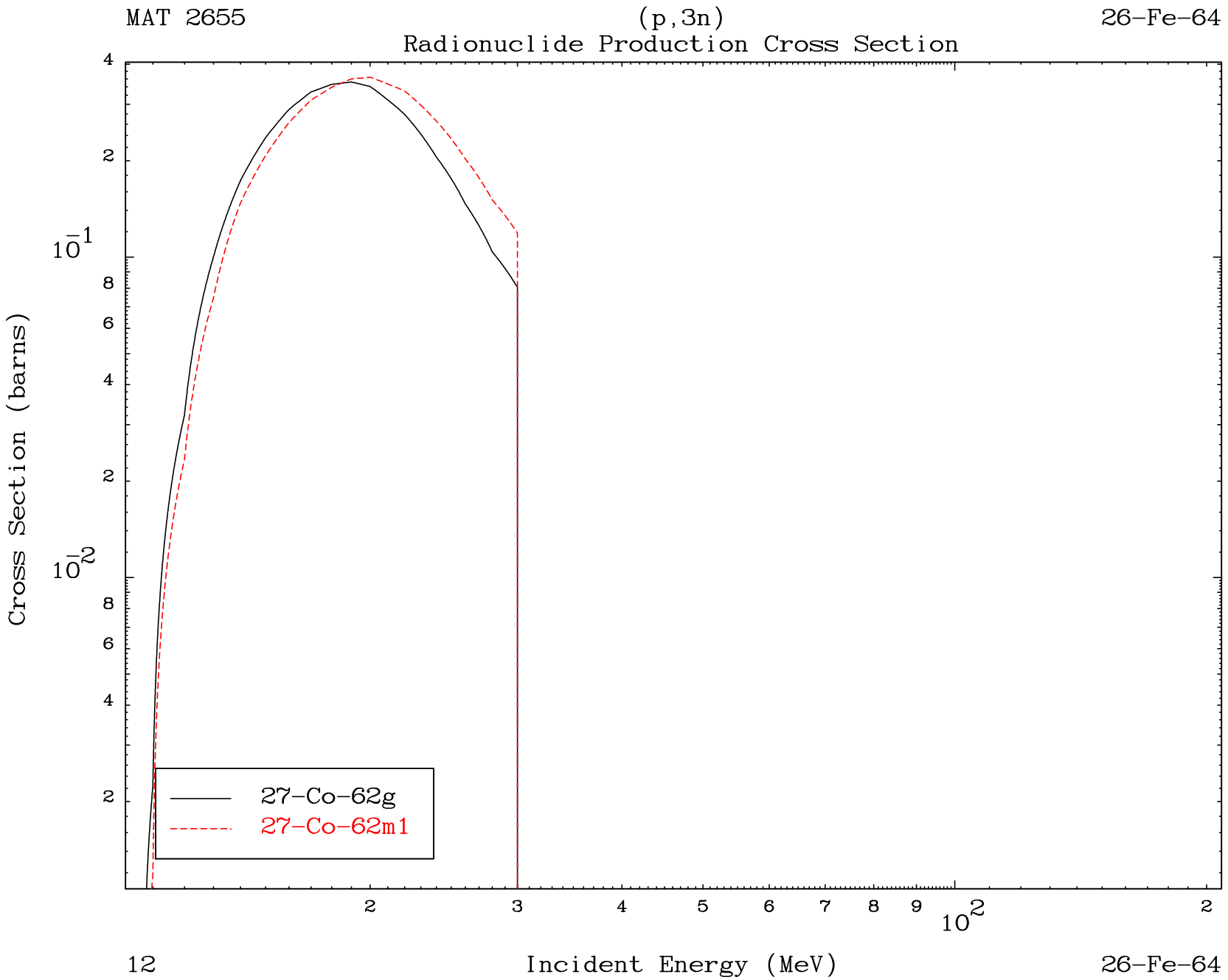

MAT 2655
(p,p) Levels
26-Fe-64
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
7
26-Fe-64

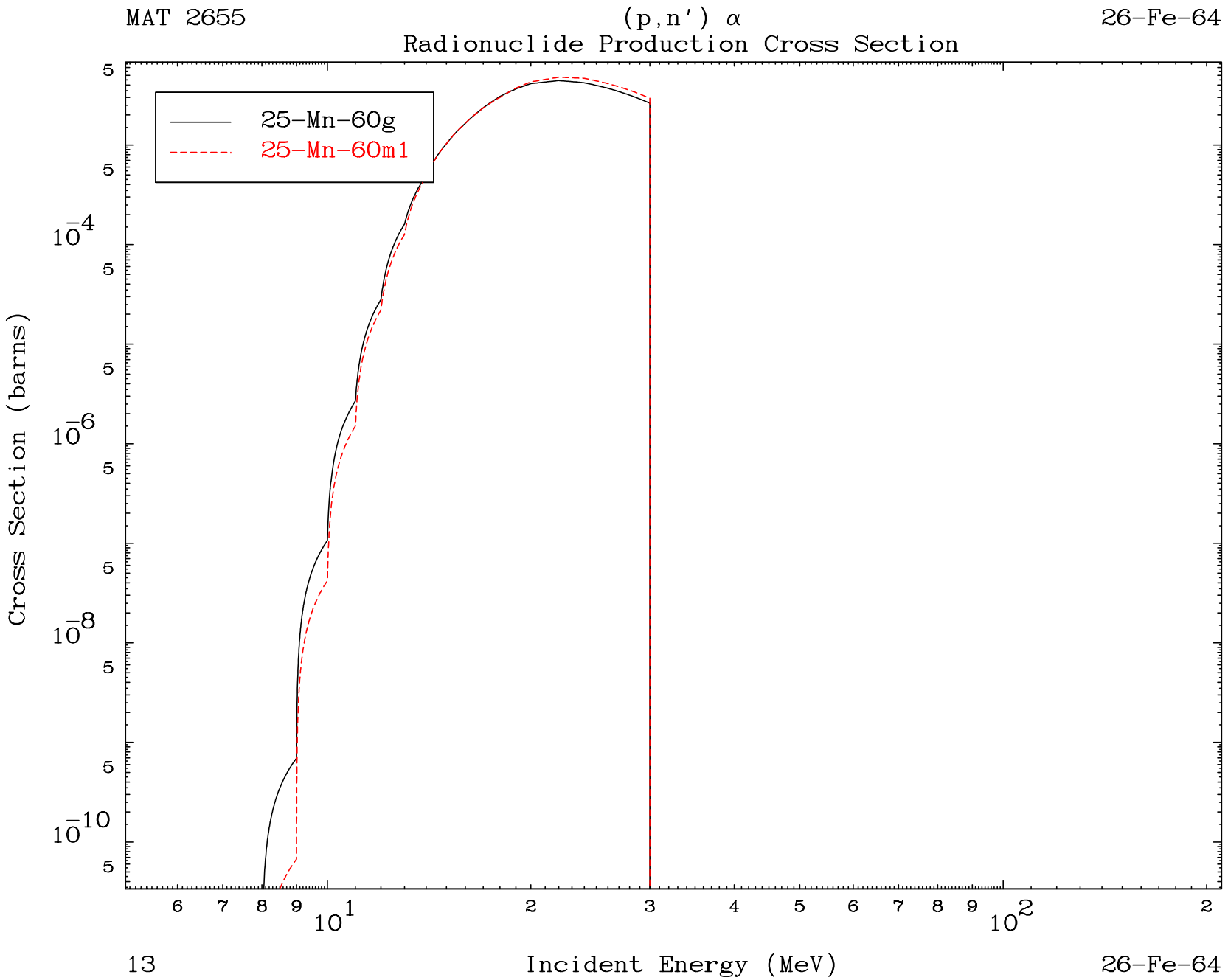

MAT 2655
(p,d) Levels
0 Kelvin Cross Sections
26-Fe-64
(p,d)
Cross Section (barns)
Incident Energy (MeV)
8
26-Fe-64

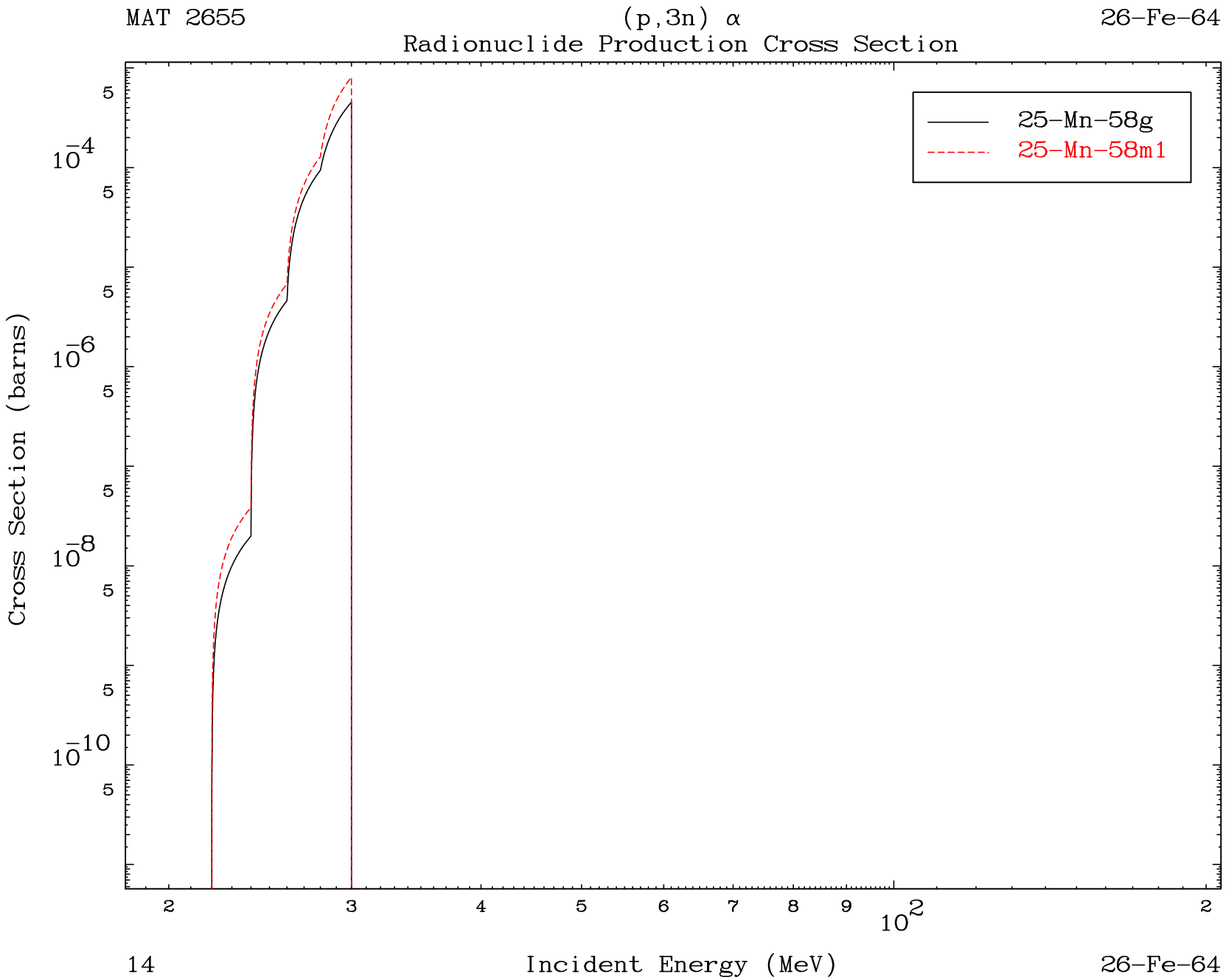

MAT 2655
(p,t) Levels
26-Fe-64
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
9
26-Fe-64


MAT 2655
(p,He3) Levels
26-Fe-64
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
26-Fe-64


MAT 2655
(p,α) Levels
26-Fe-64
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
11
26-Fe-64


MAT 2655
(p,3n)
26-Fe-64
Radionuclide Production Cross Section
Cross Section (barns)
10^-1
10^-2
27-Co-62g
27-Co-62m1
10^2
Incident Energy (MeV)
12
26-Fe-64


MAT 2655
(p,n') α
26-Fe-64
Radionuclide Production Cross Section
25-Mn-60g
25-Mn-60m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
13
26-Fe-64


MAT 2655
(p,3n) α
26-Fe-64
Radionuclide Production Cross Section
25-Mn-58g
25-Mn-58m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
14
26-Fe-64