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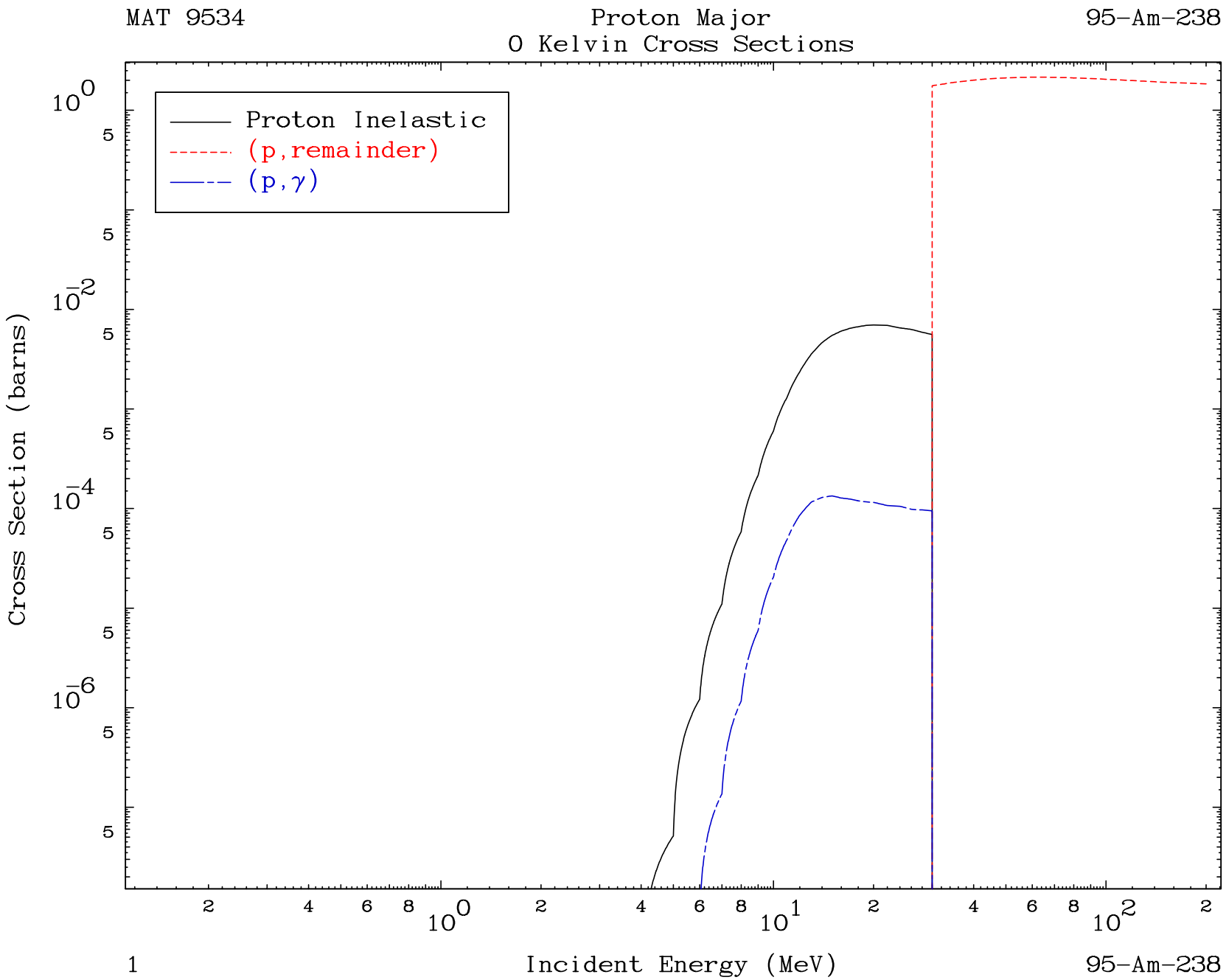
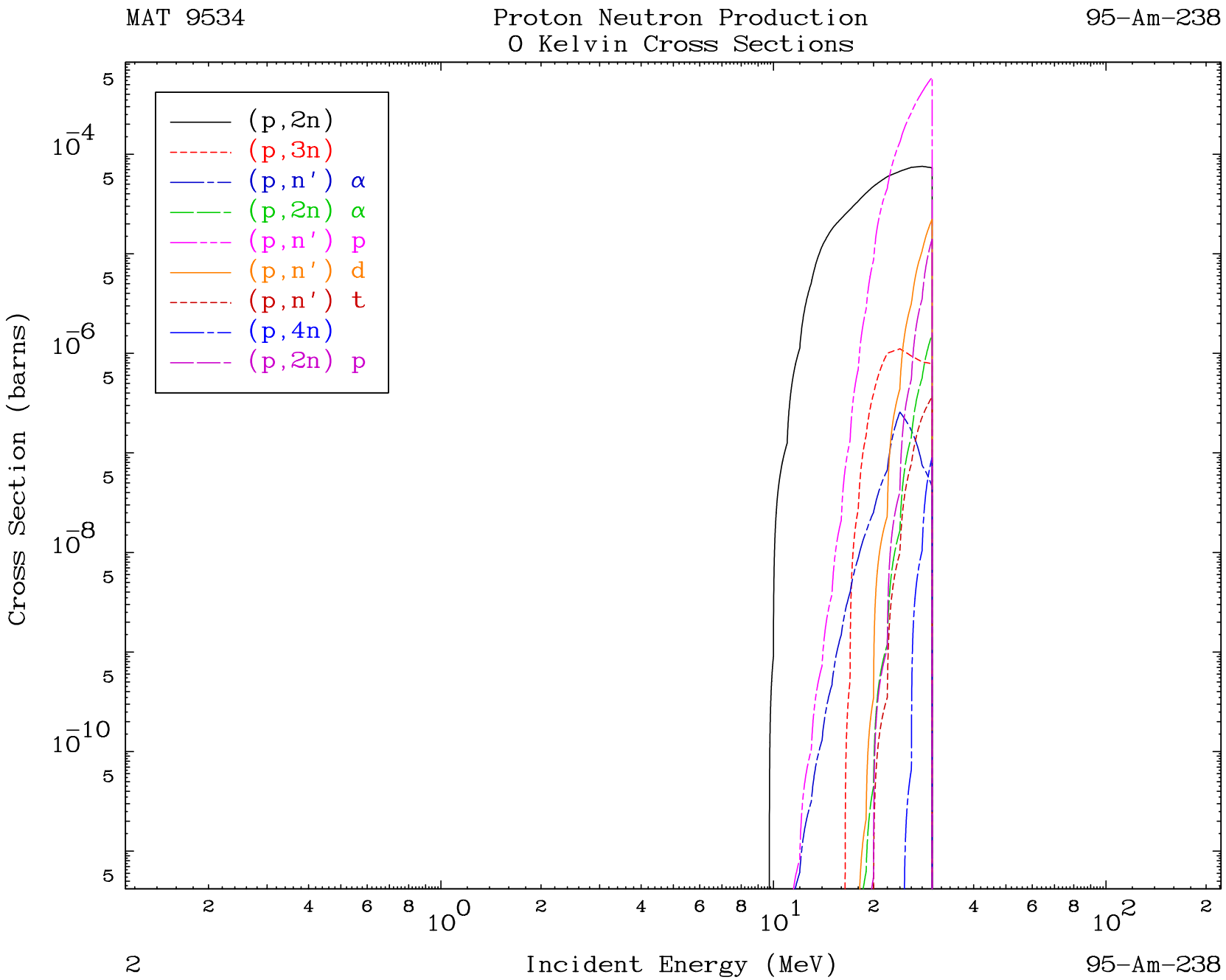
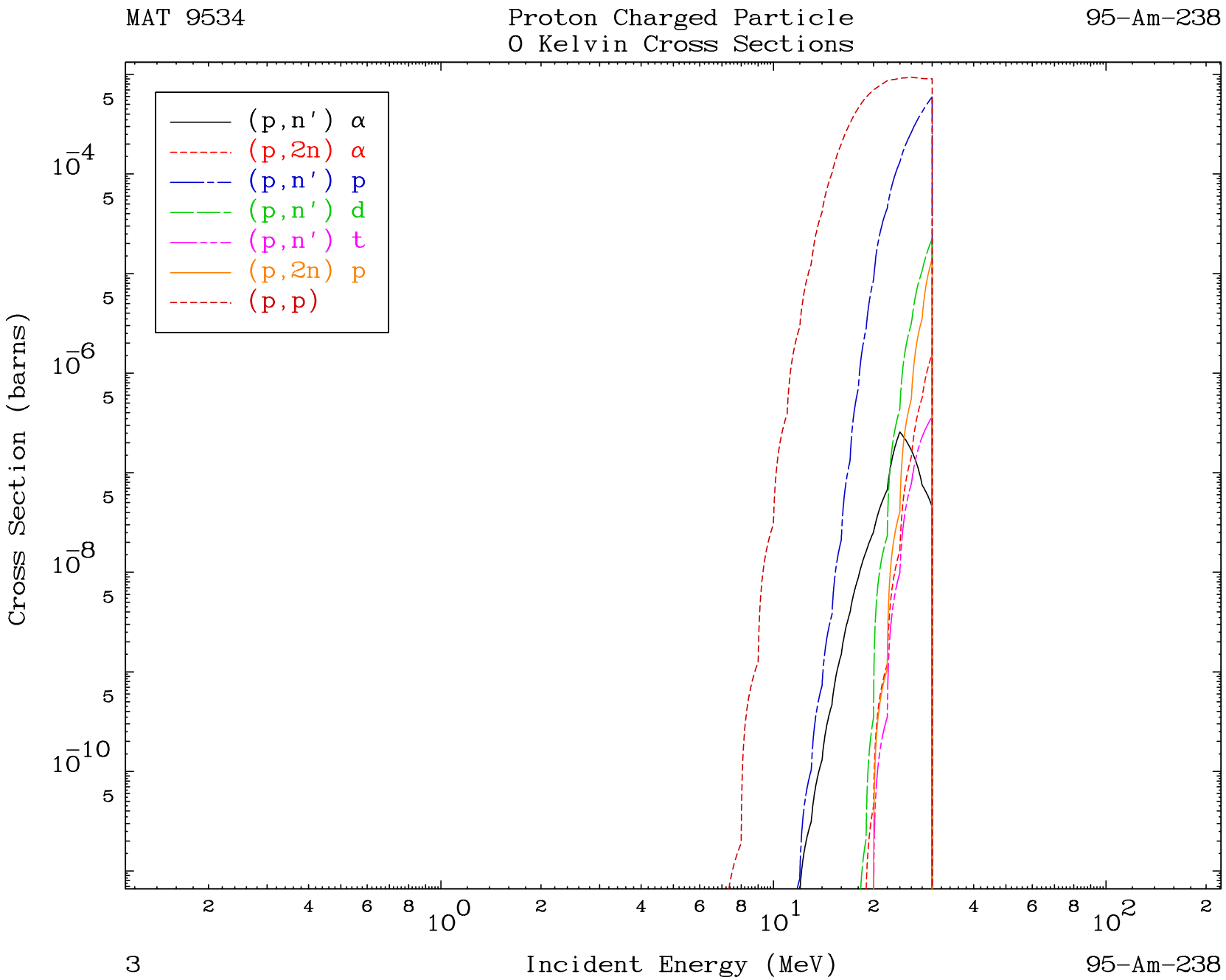
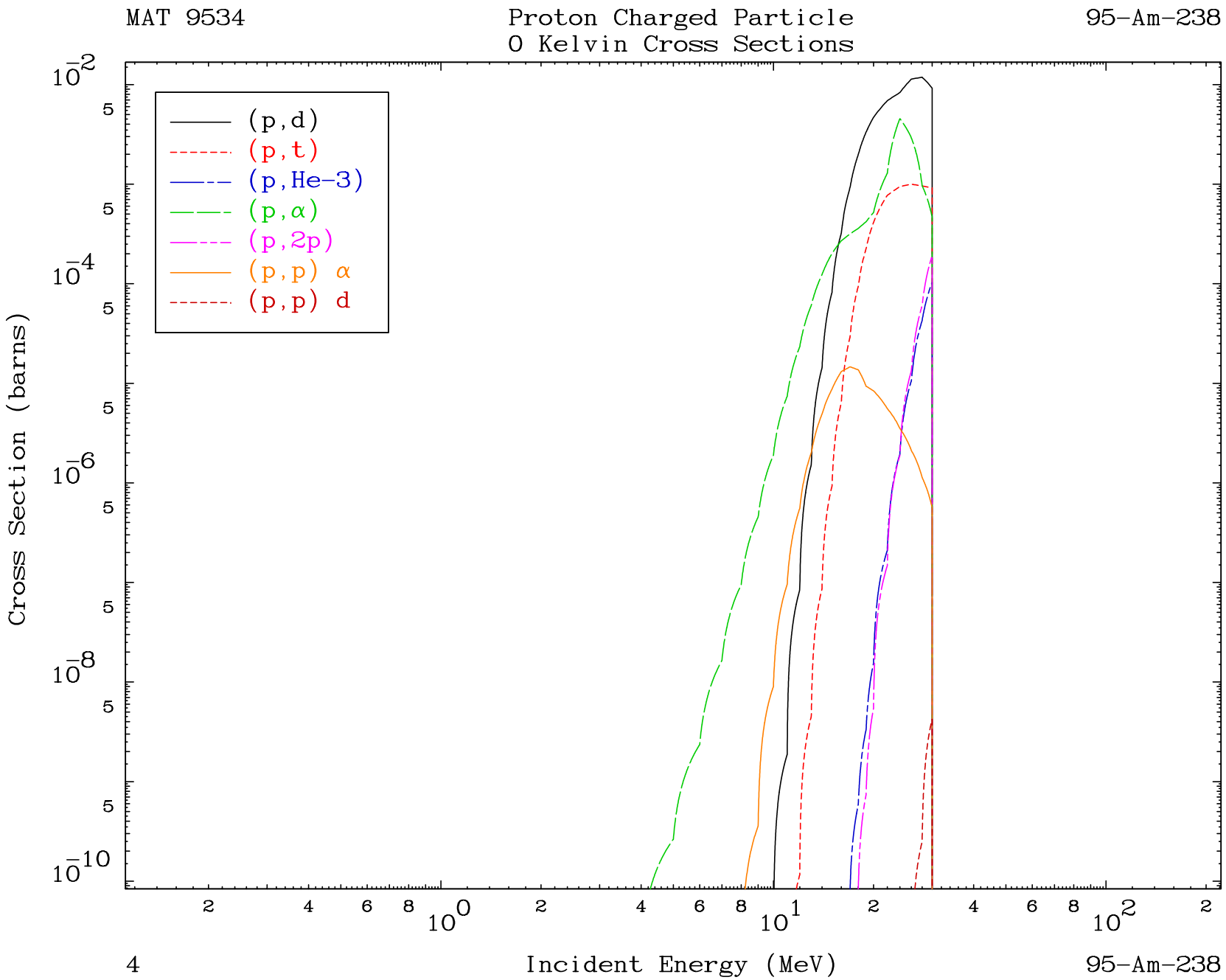
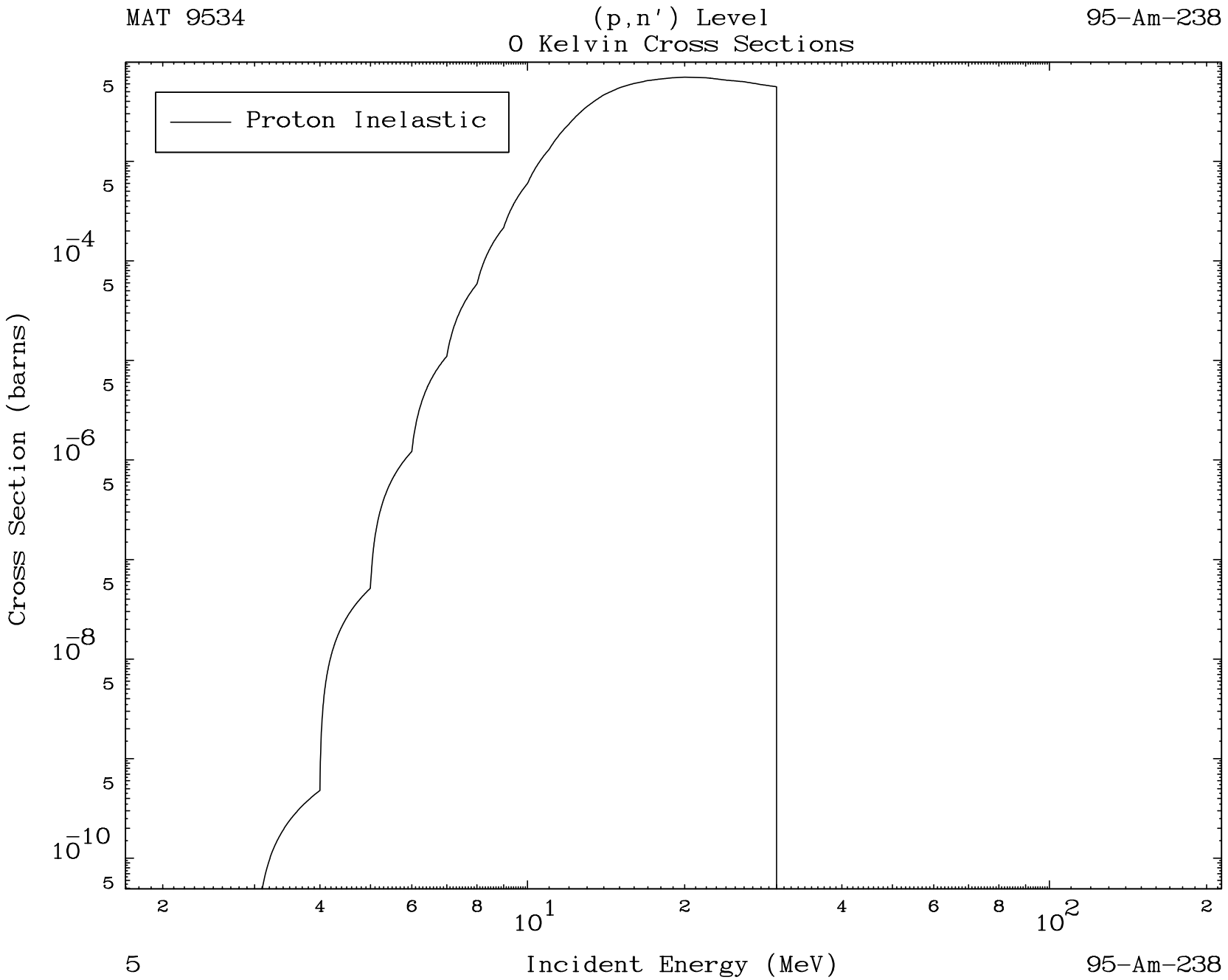
Press Mouse Button to Start

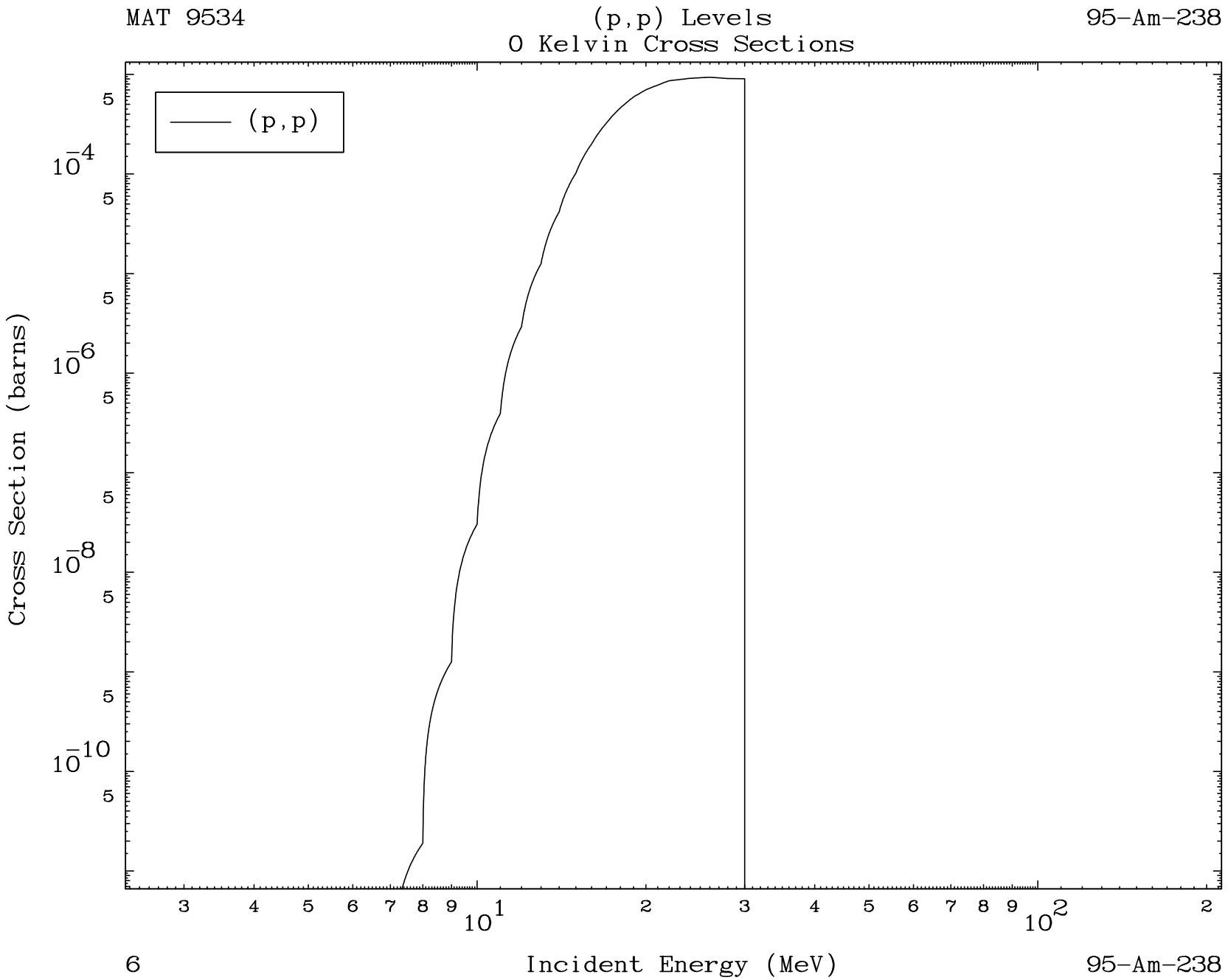

MAT 9534
Proton Major
95-Am-238
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
95-Am-238
1

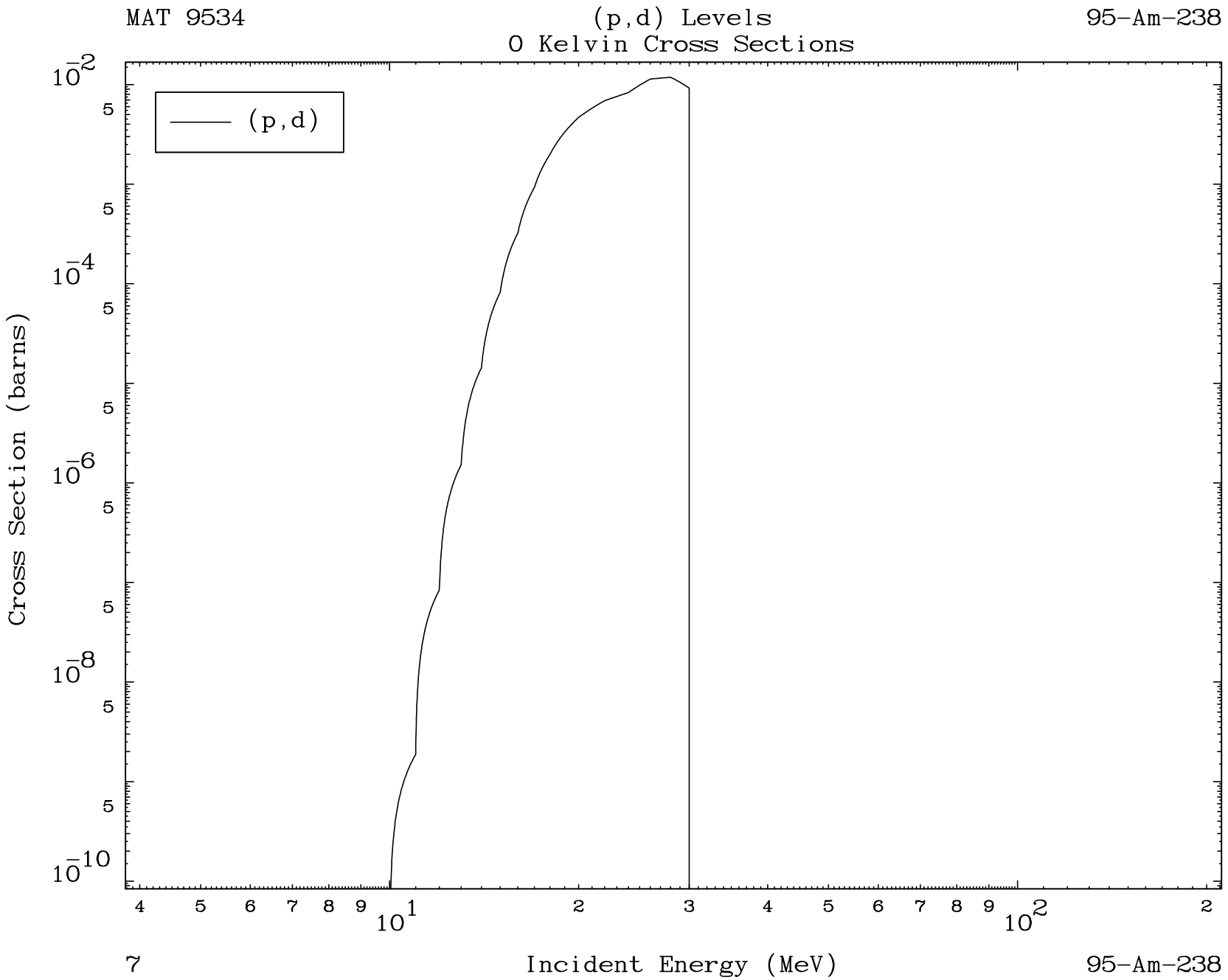

MAT 9534
Proton Neutron Production
0 Kelvin Cross Sections
95-Am-238
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,n') p
(p,n') d
(p,n') t
(p,4n)
(p,2n) p
Cross Section (barns)
Incident Energy (MeV)
95-Am-238

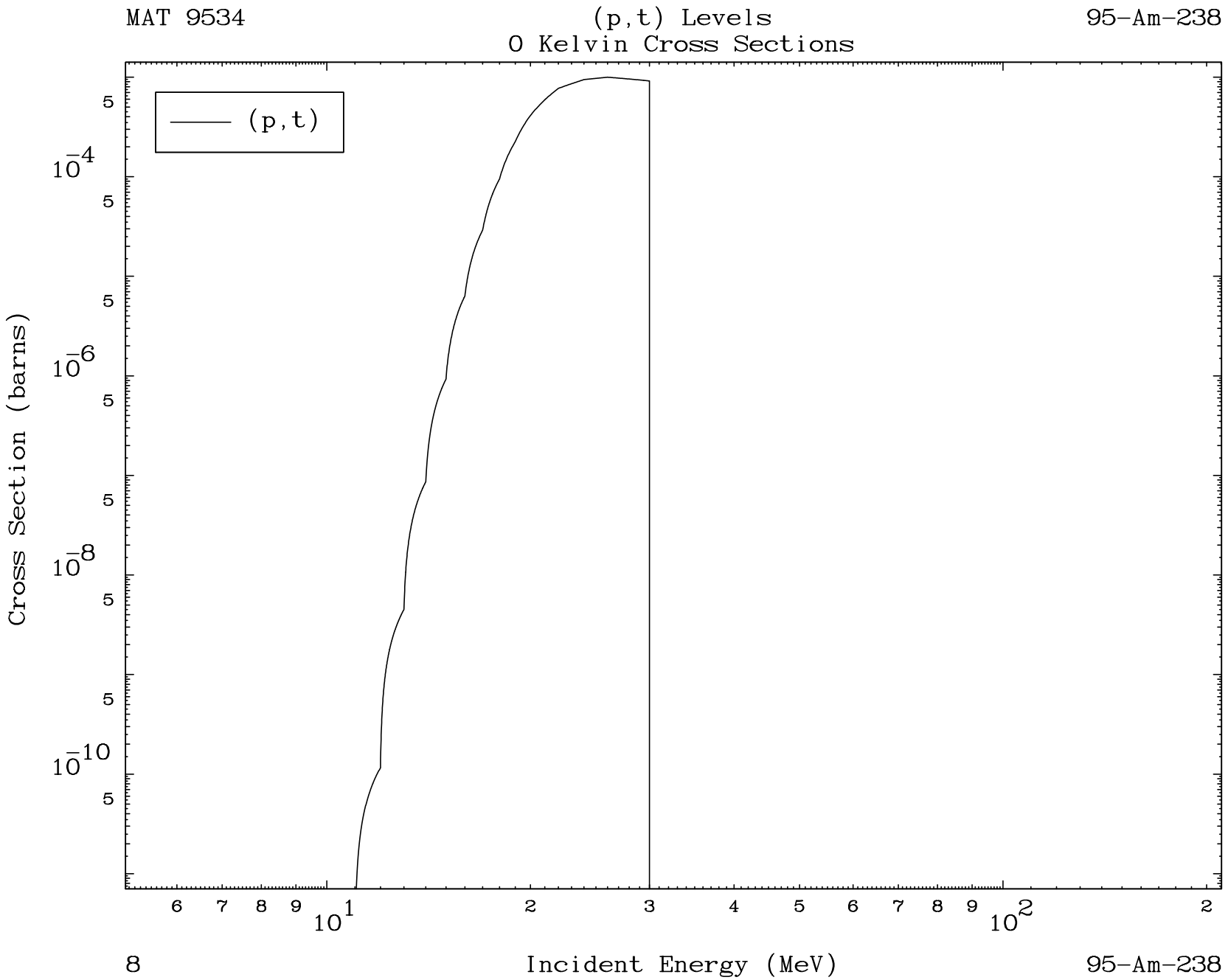

MAT 9534
Proton Charged Particle
0 Kelvin Cross Sections
95-Am-238
(p,n') α
(p,2n) α
(p,n') p
(p,n') d
(p,n') t
(p,2n) p
(p,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
3
95-Am-238

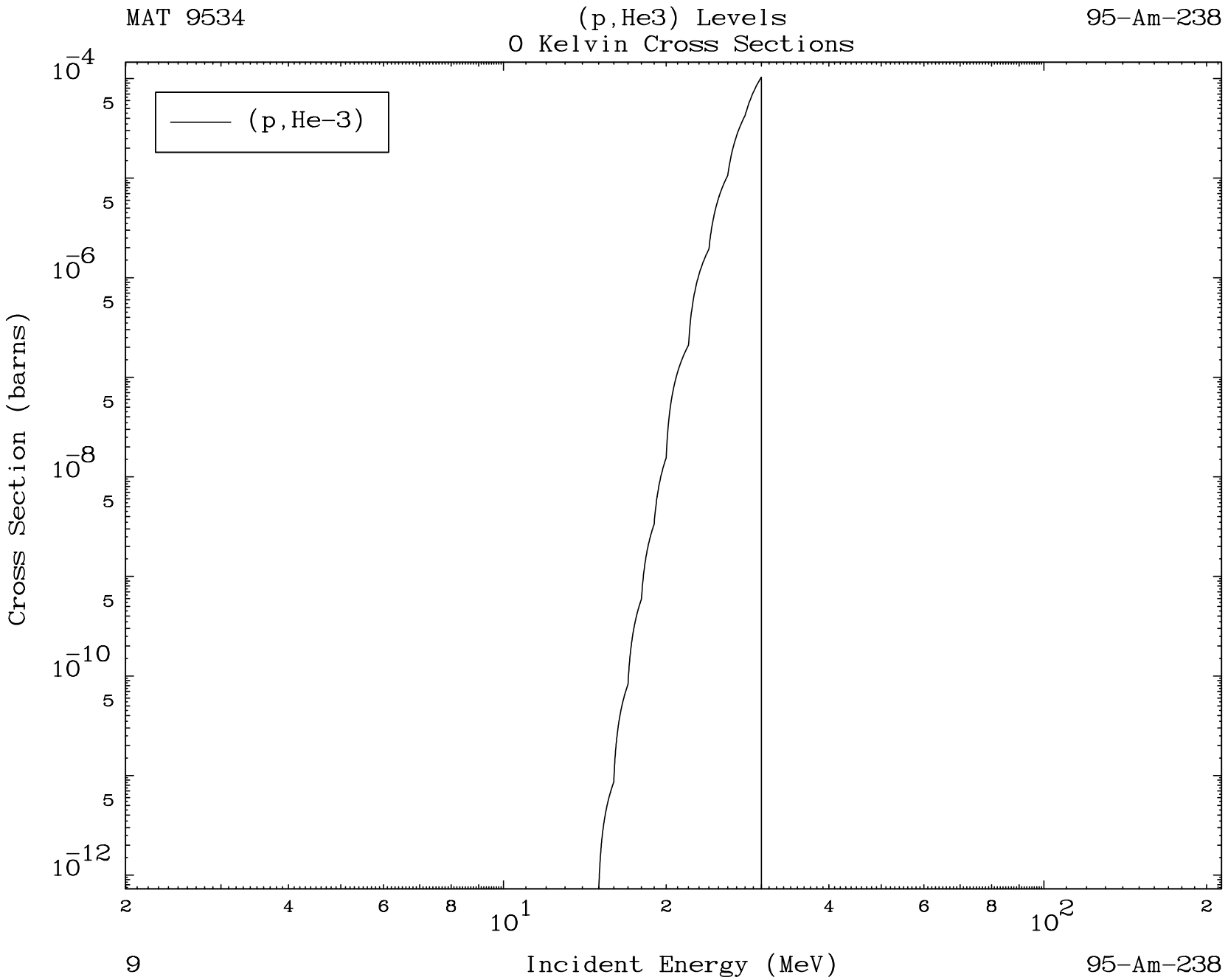

MAT 9534
Proton Charged Particle
0 Kelvin Cross Sections
95-Am-238
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2p)
(p,p) α
(p,p) d
Cross Section (barns)
Incident Energy (MeV)
95-Am-238
4

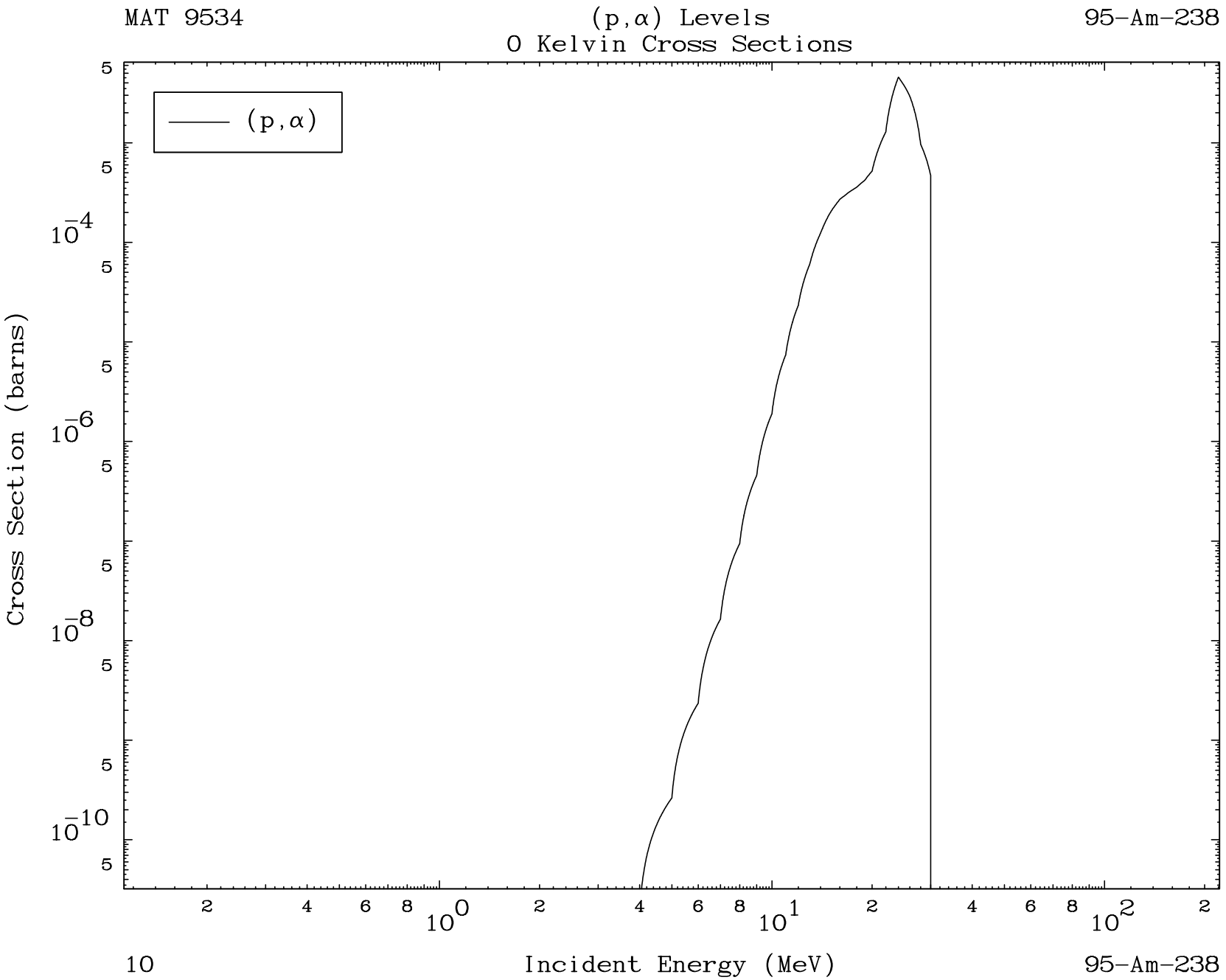

MAT 9534
(p,n') Level
95-Am-238
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
Incident Energy (MeV)
95-Am-238

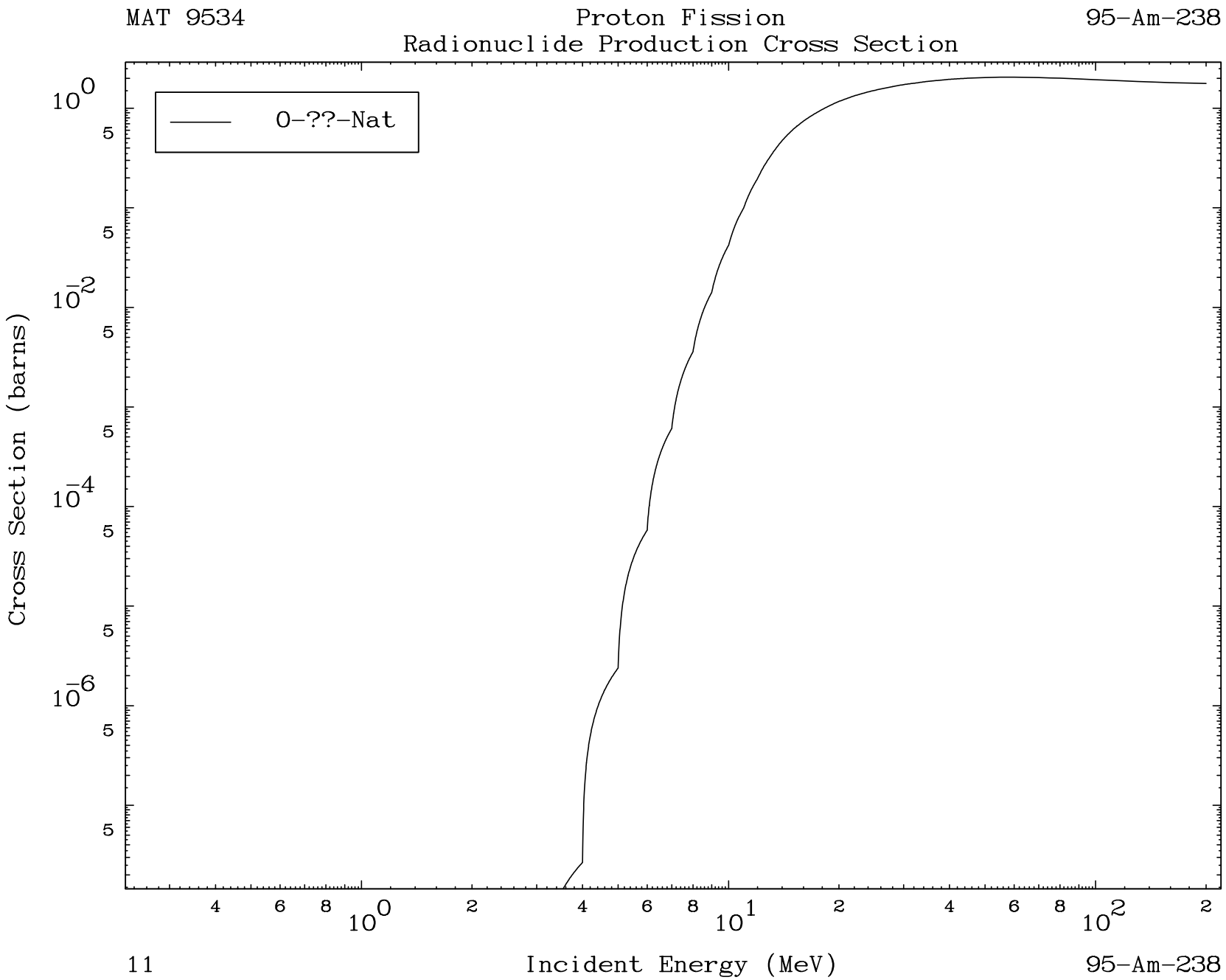

MAT 9534
(p,p) Levels
95-Am-238
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
3 4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
6
95-Am-238

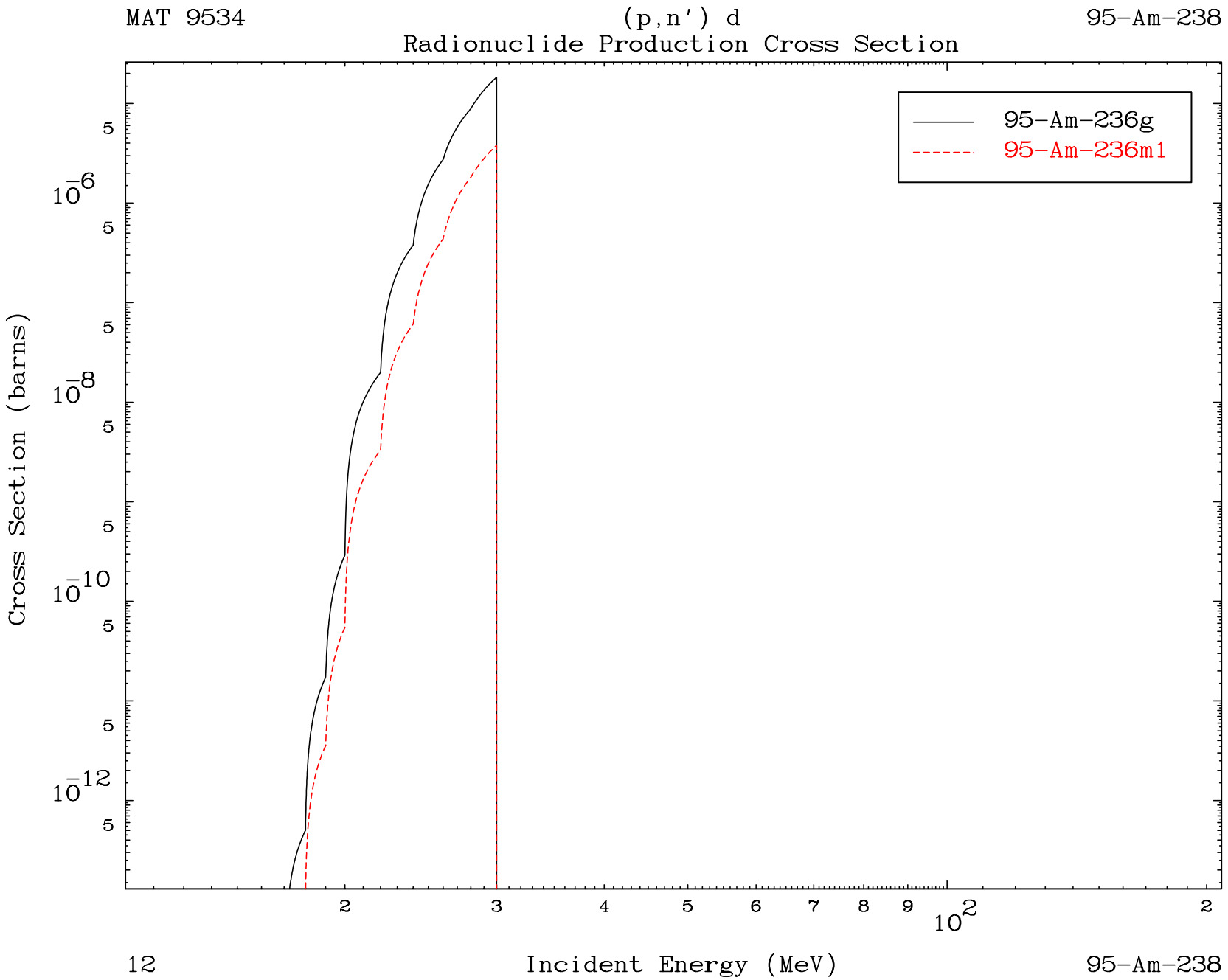

MAT 9534
(p,d) Levels
95-Am-238
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
Incident Energy (MeV)
95-Am-238
7

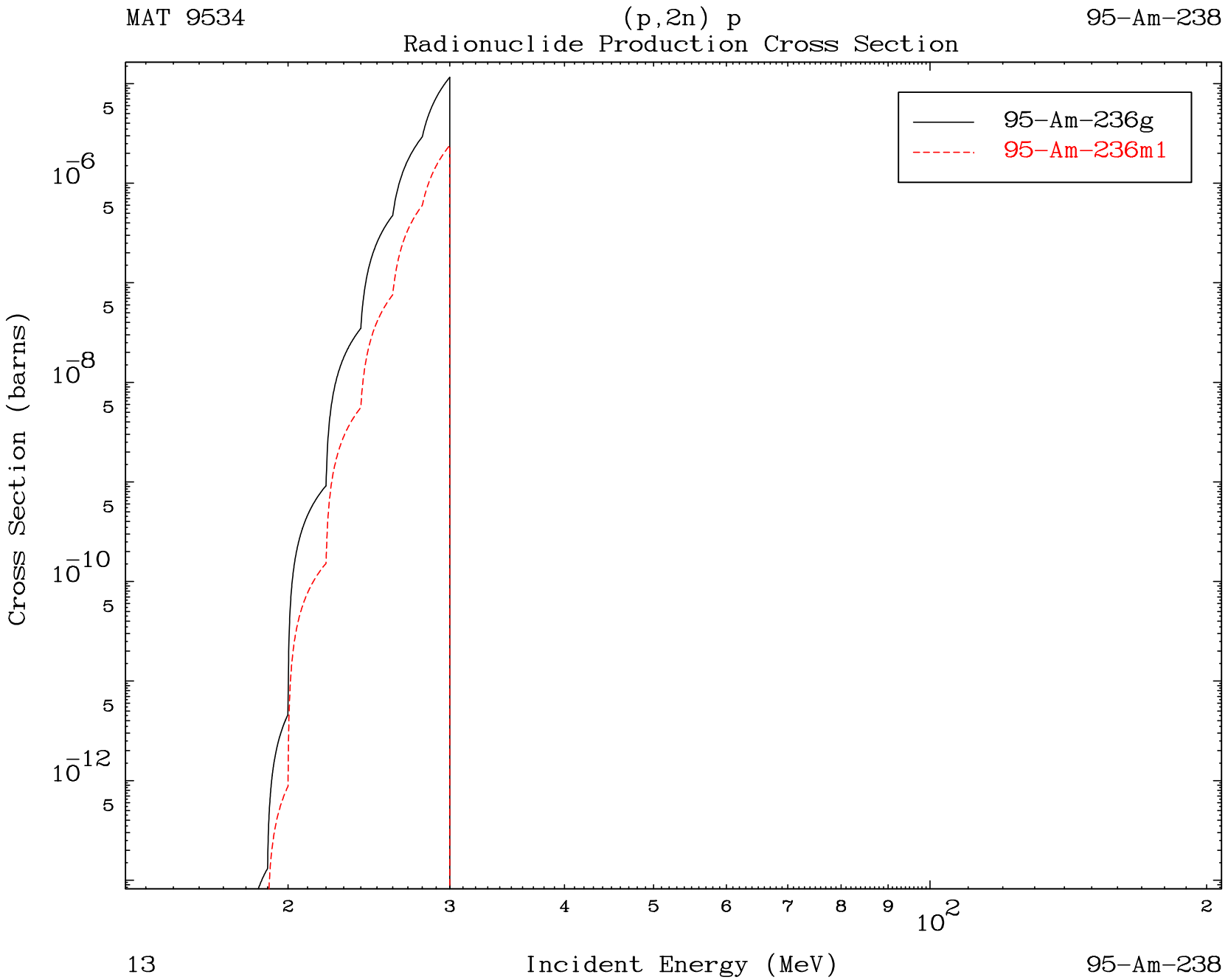

MAT 9534
(p,t) Levels
95-Am-238
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
Incident Energy (MeV)
8
95-Am-238

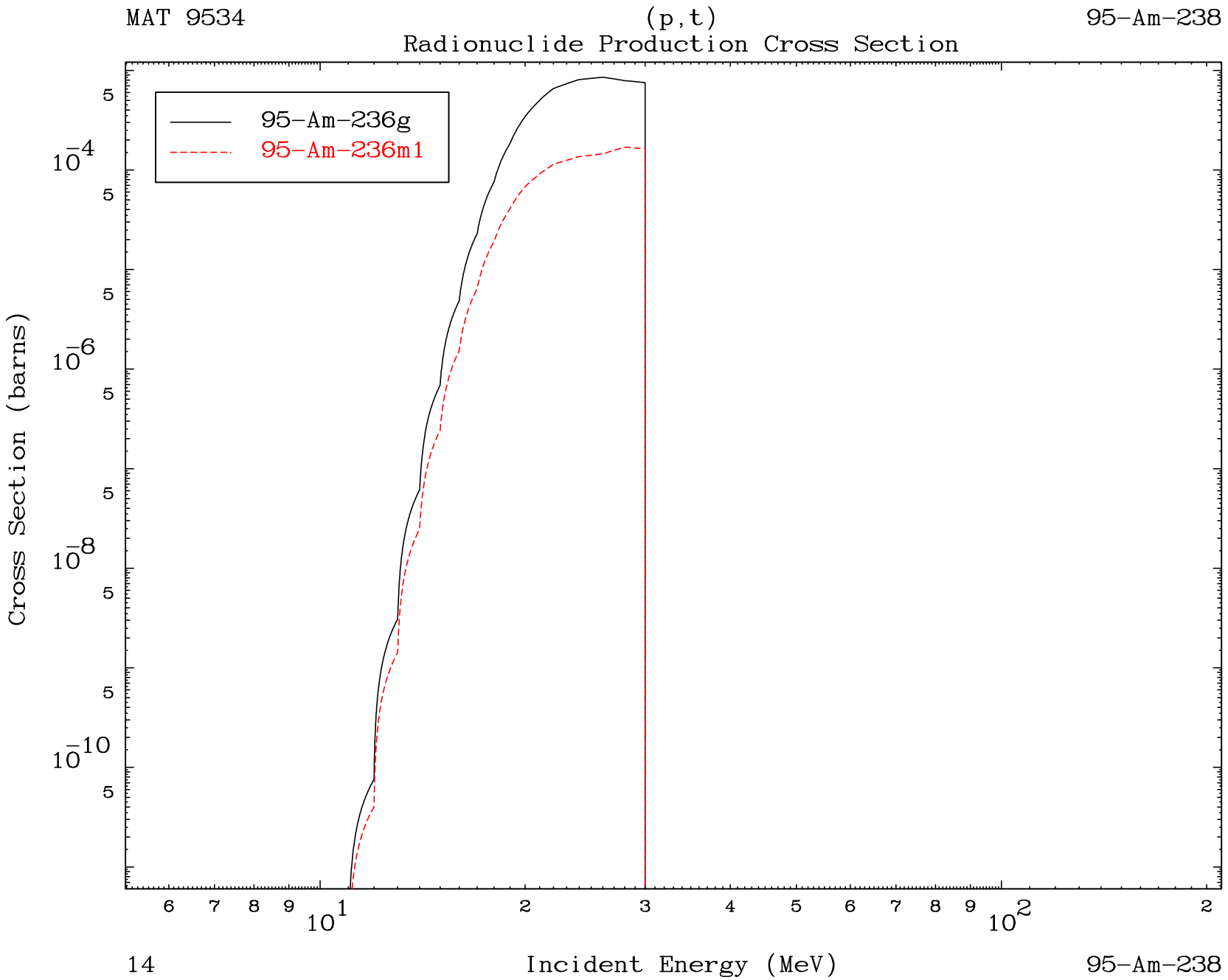

MAT 9534
(p,He3) Levels
95-Am-238
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
95-Am-238

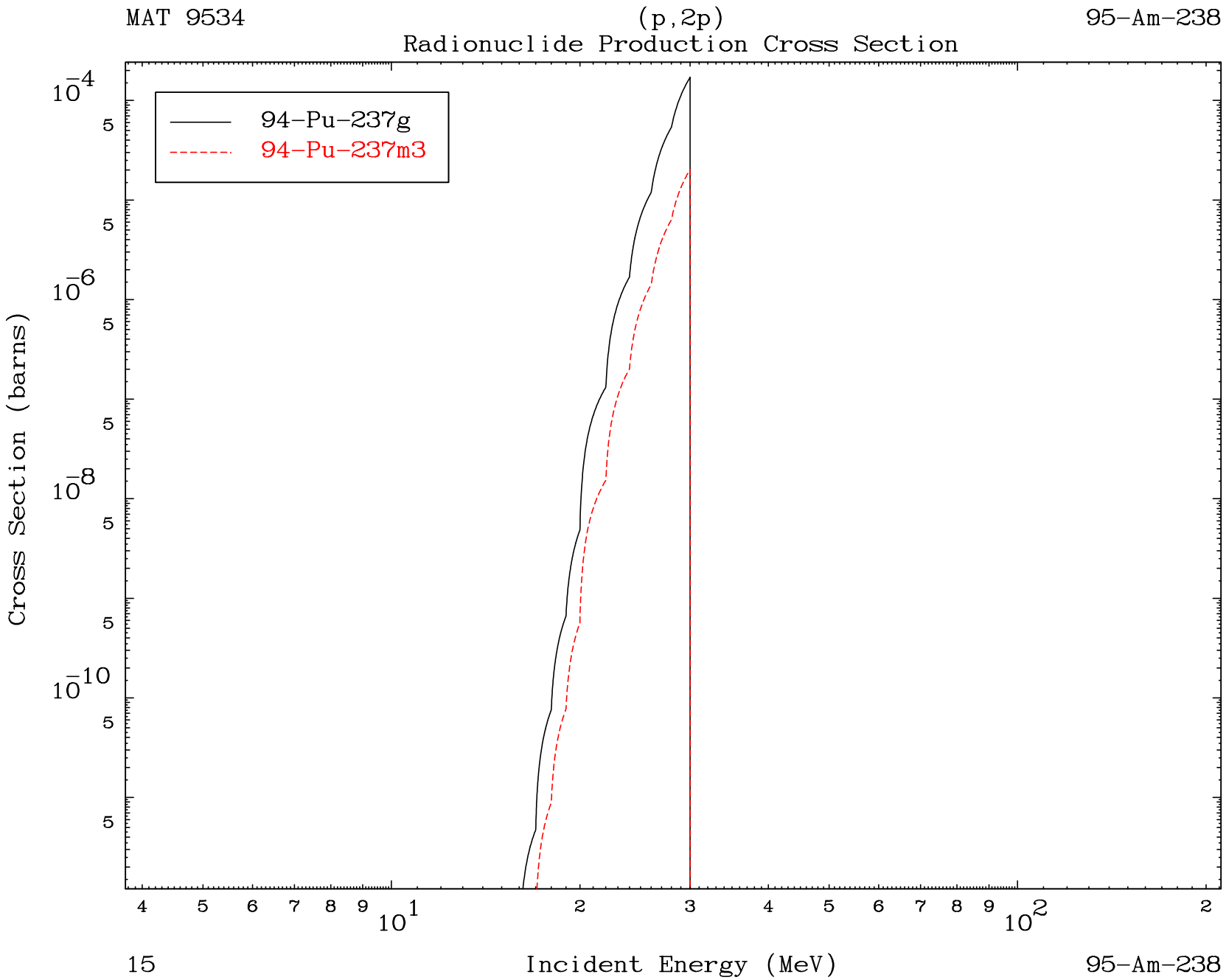

MAT 9534
(p,α) Levels
95-Am-238
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
95-Am-238


MAT 9534
Proton Fission
95-Am-238
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
11
95-Am-238


MAT 9534
(p,n') d
95-Am-238
Radionuclide Production Cross Section
95-Am-236g
95-Am-236m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
95-Am-238


MAT 9534
(p,2n) p
95-Am-238
Radionuclide Production Cross Section
95-Am-236g
95-Am-236m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
13
Incident Energy (MeV)
95-Am-238


MAT 9534
(p,t)
95-Am-238
Radionuclide Production Cross Section
95-Am-236g
95-Am-236m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
14
95-Am-238


MAT 9534
(p,2p)
95-Am-238
Radionuclide Production Cross Section
94-Pu-237g
94-Pu-237m3
Cross Section (barns)
Incident Energy (MeV)
15
95-Am-238