Program EVALPLOT
(Version 2021-1)
by
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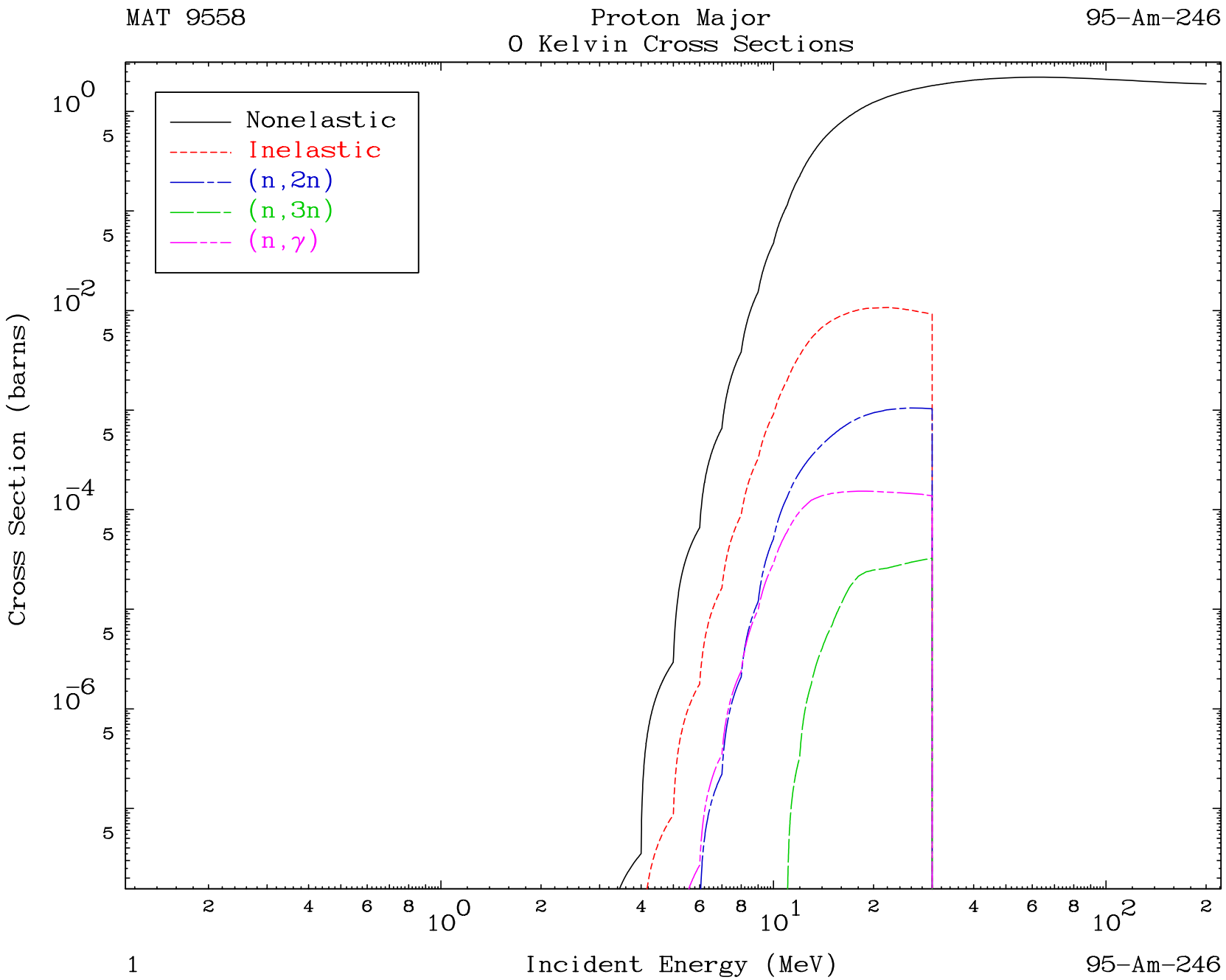
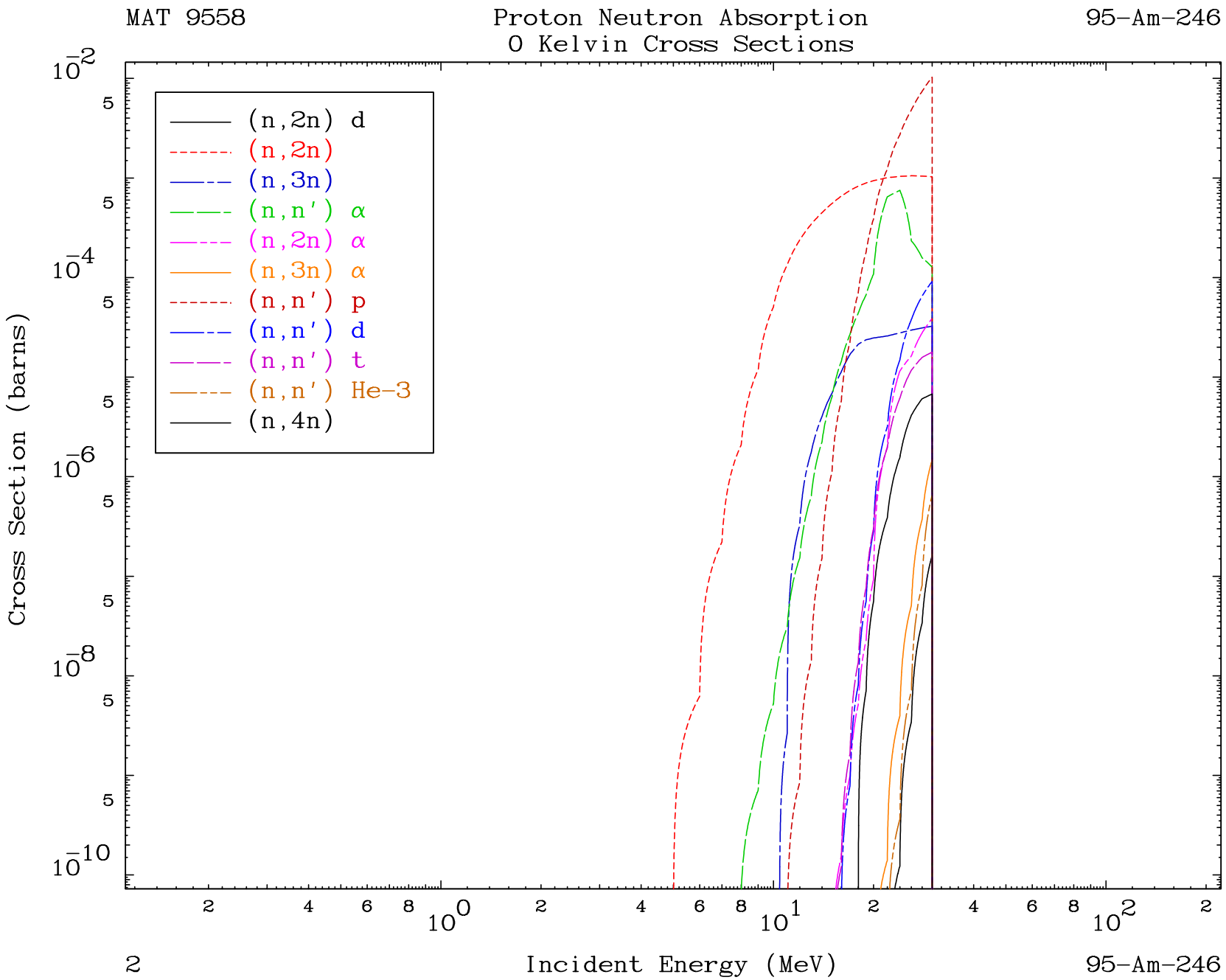
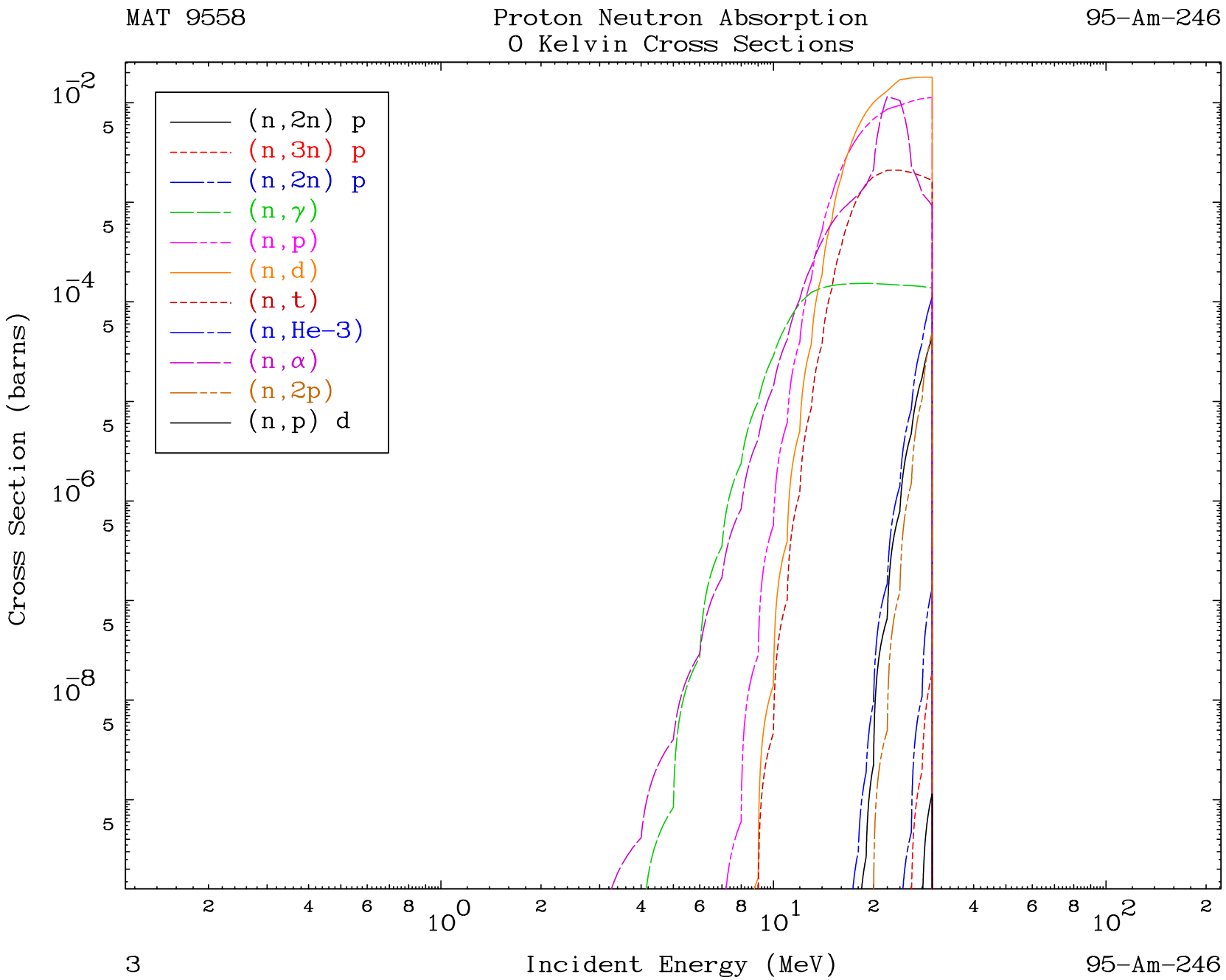
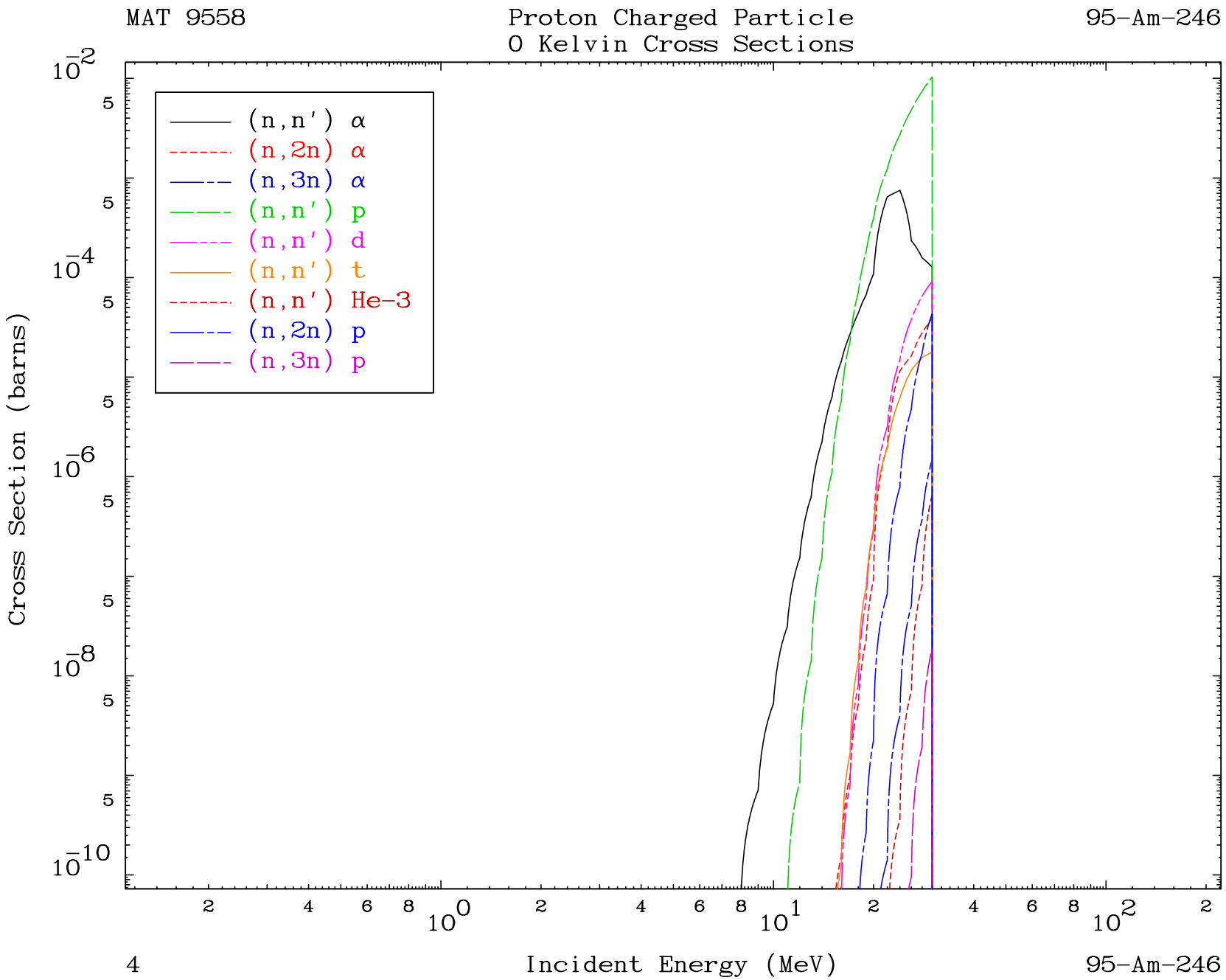
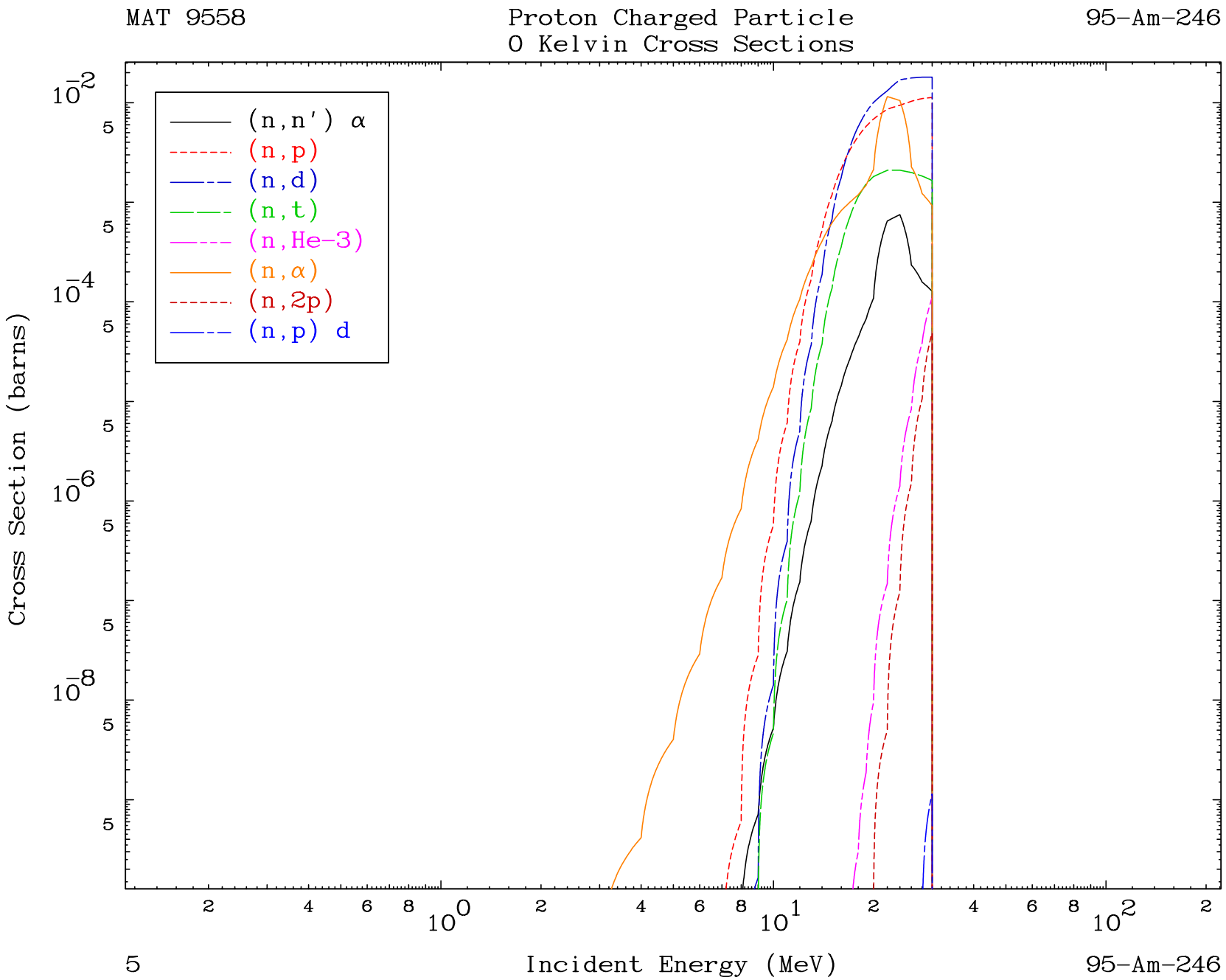
Press Mouse Button to Start

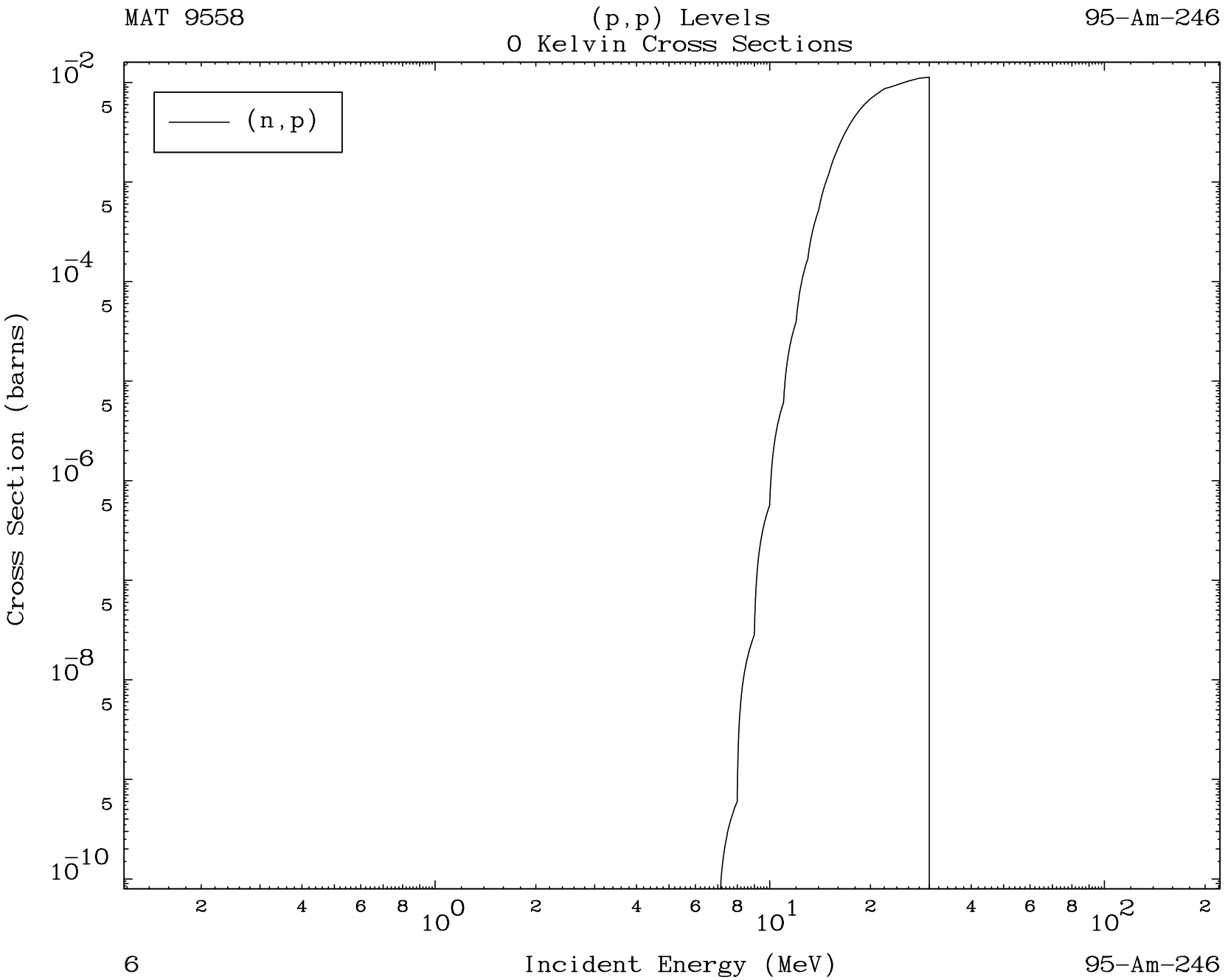

MAT 9558
Proton Major
95-Am-246
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
95-Am-246
1

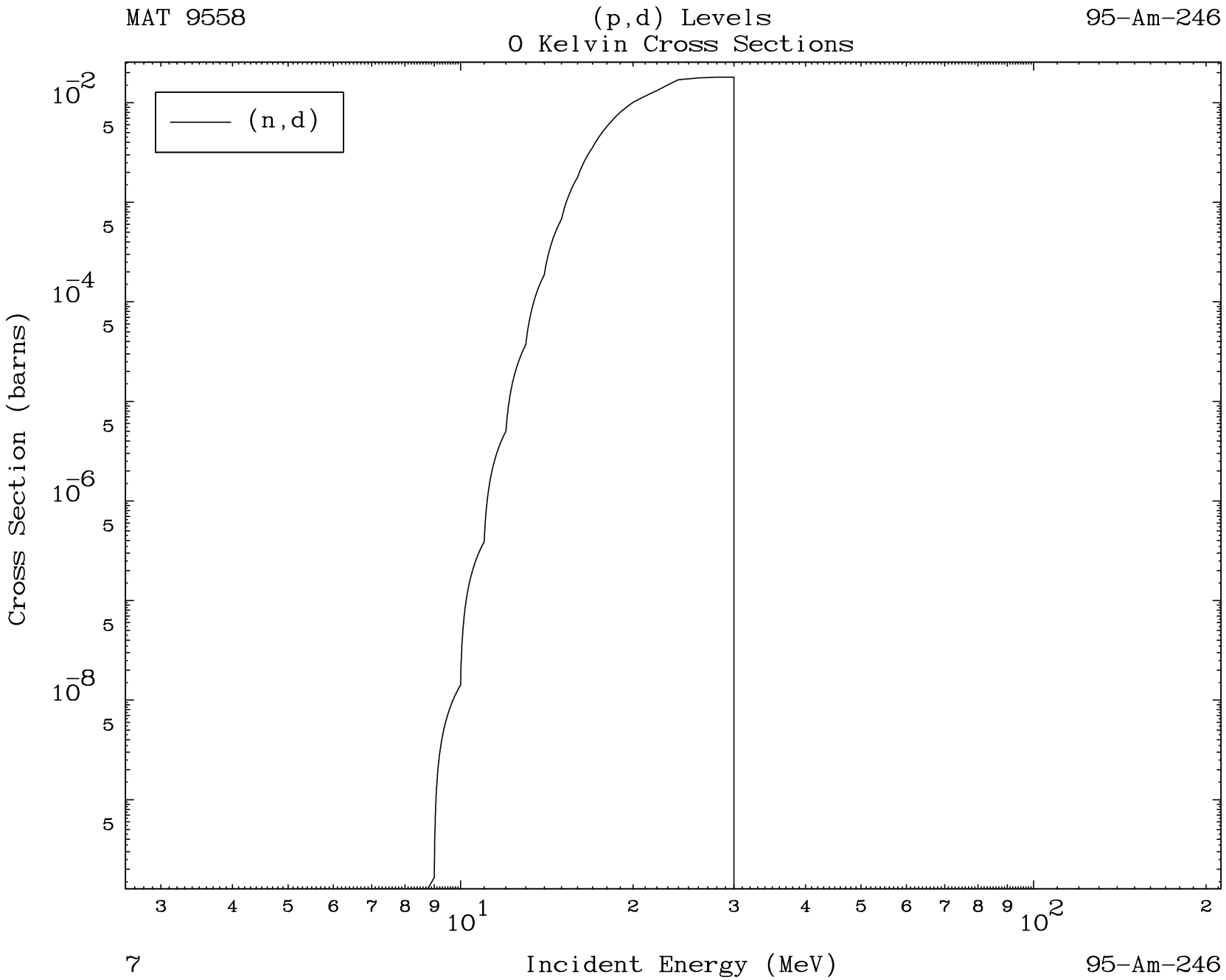

MAT 9558
Proton Neutron Absorption
0 Kelvin Cross Sections
95-Am-246
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,4n)
Cross Section (barns)
Incident Energy (MeV)
95-Am-246

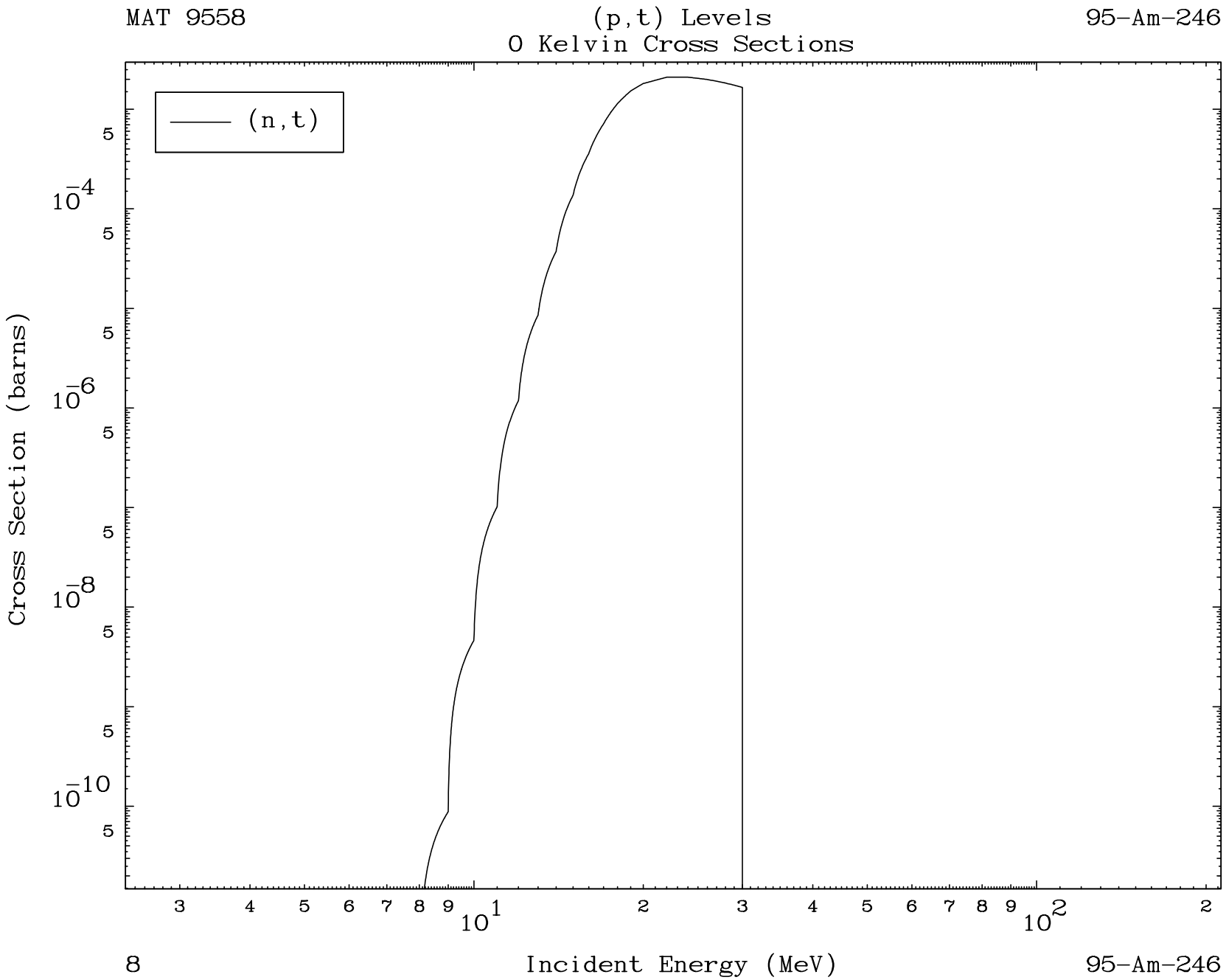

MAT 9558
Proton Neutron Absorption
0 Kelvin Cross Sections
95-Am-246
(n,2n) p
(n,3n) p
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
3
95-Am-246

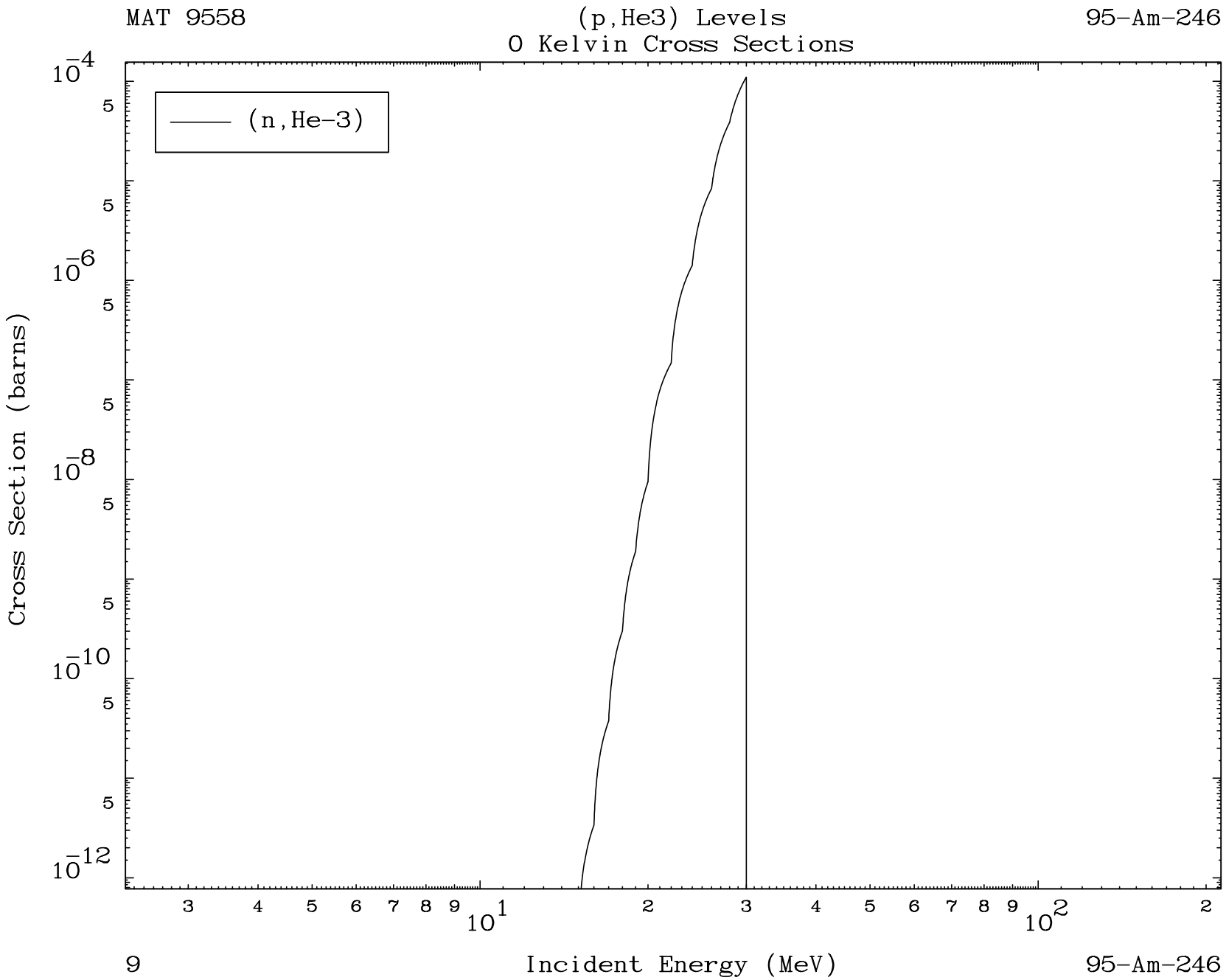

MAT 9558
Proton Charged Particle
0 Kelvin Cross Sections
95-Am-246
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
Cross Section (barns)
Incident Energy (MeV)
95-Am-246
4

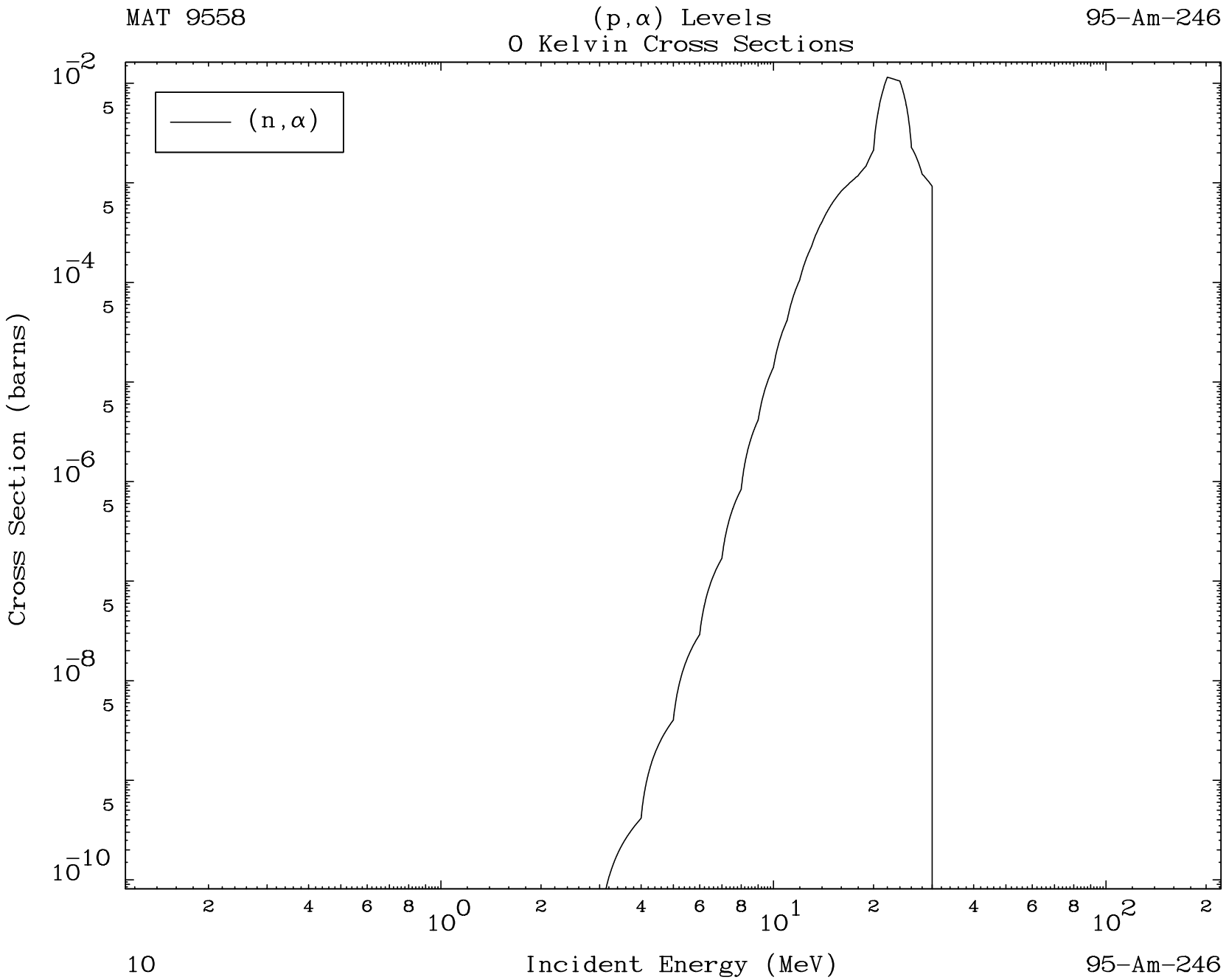

MAT 9558
Proton Charged Particle
0 Kelvin Cross Sections
95-Am-246
(n,n') α
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
95-Am-246
5

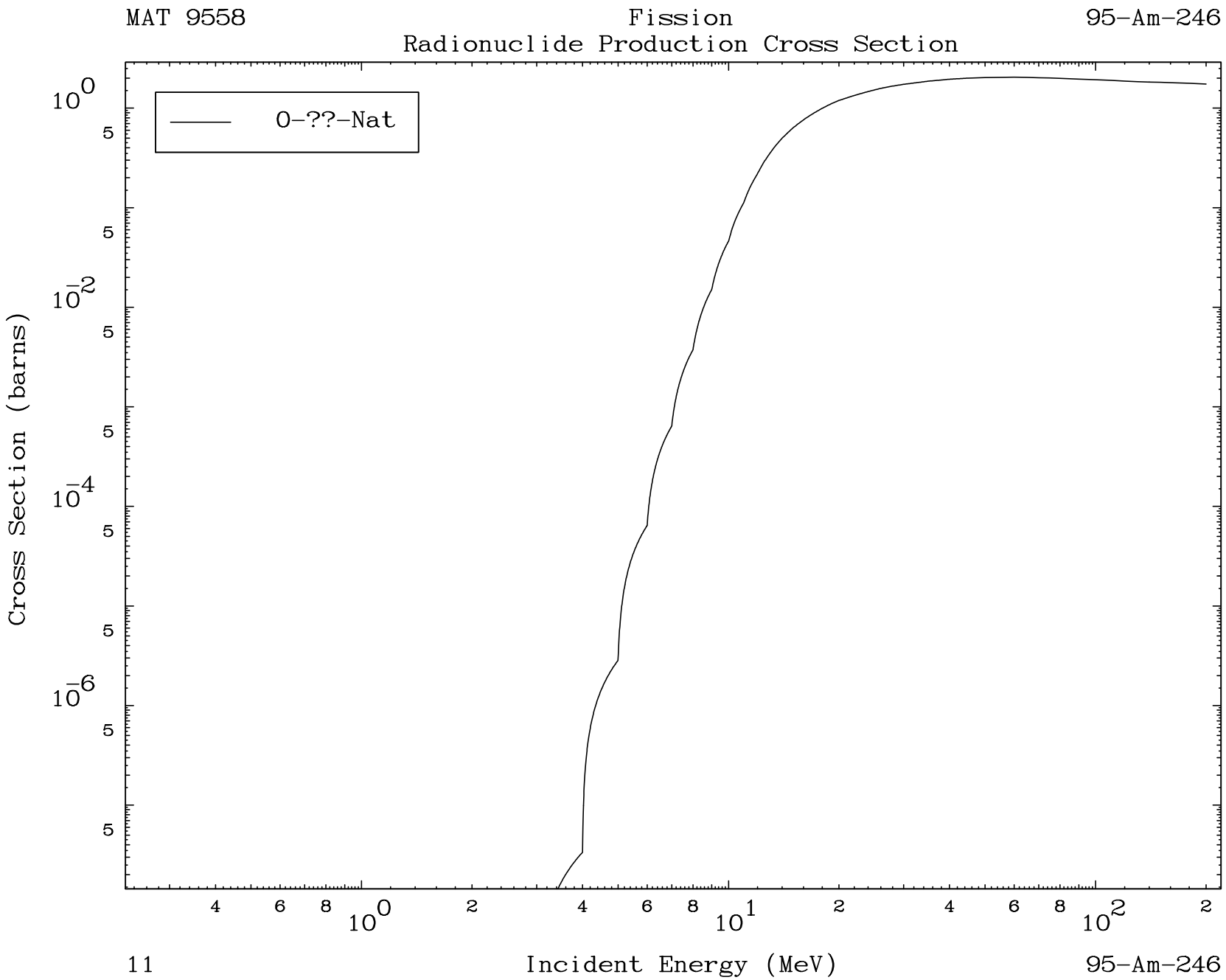

MAT 9558
(p,p) Levels
95-Am-246
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
95-Am-246

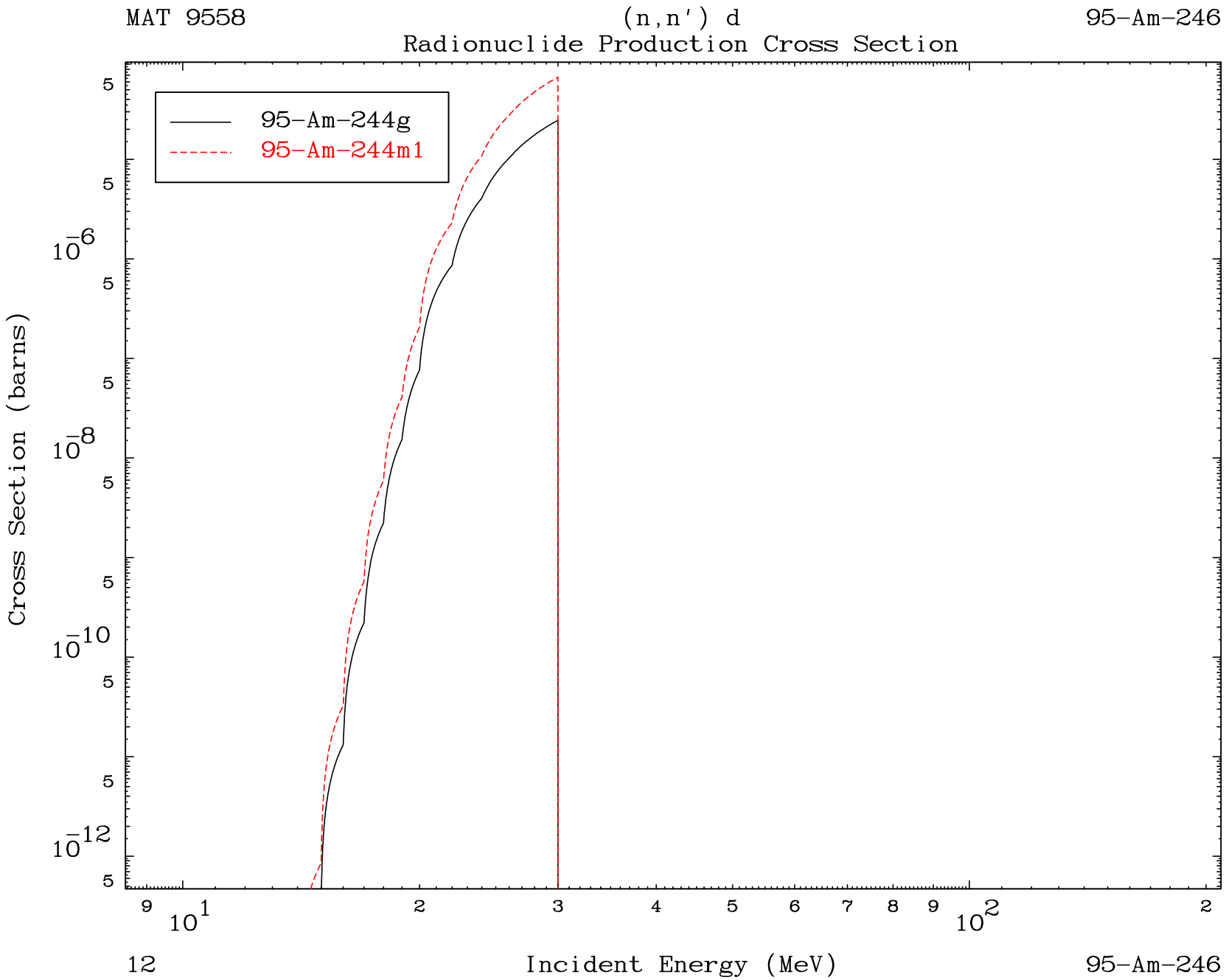

MAT 9558
(p,d) Levels
95-Am-246
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
95-Am-246
7

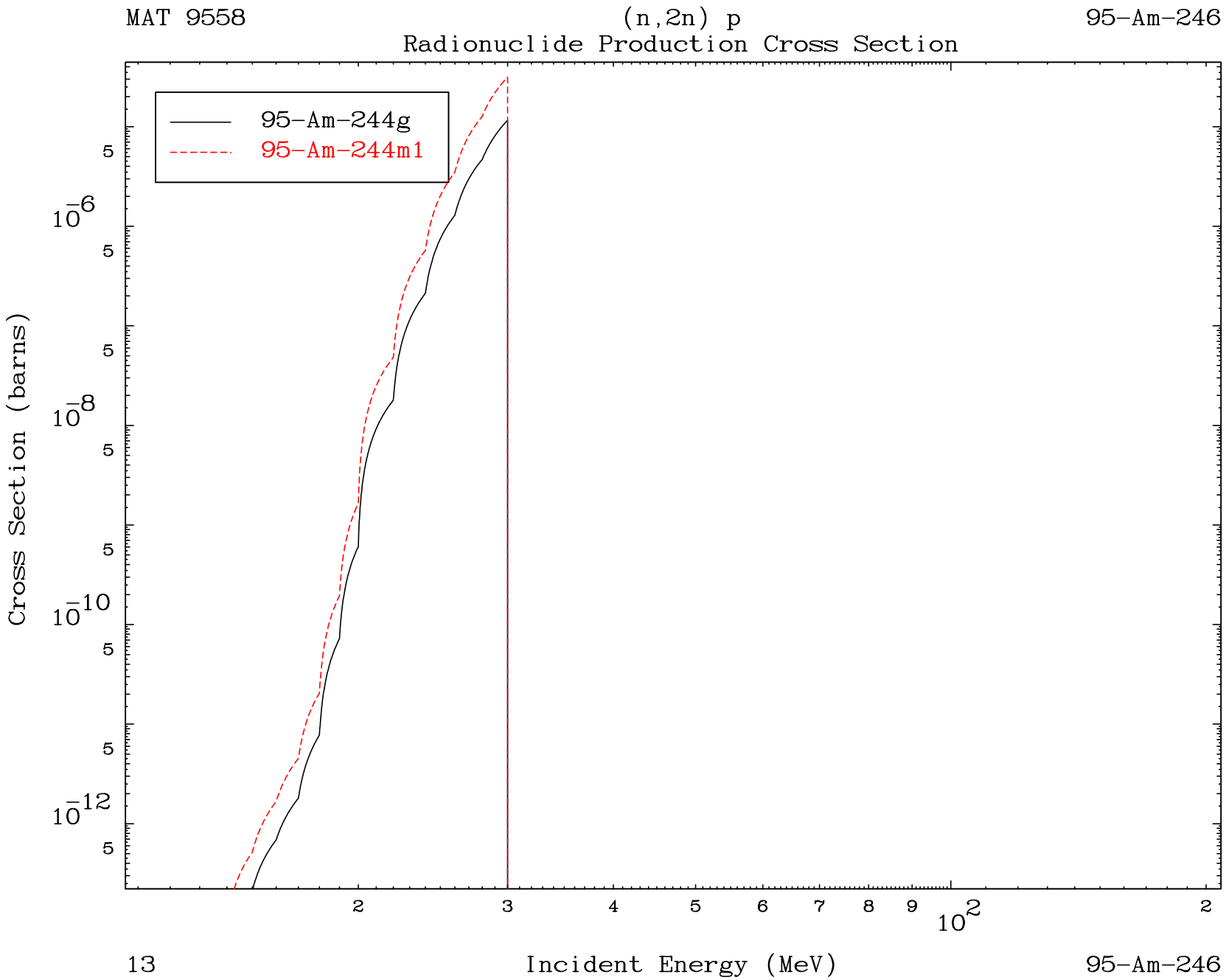

MAT 9558
(p,t) Levels
95-Am-246
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
3 4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
8
95-Am-246

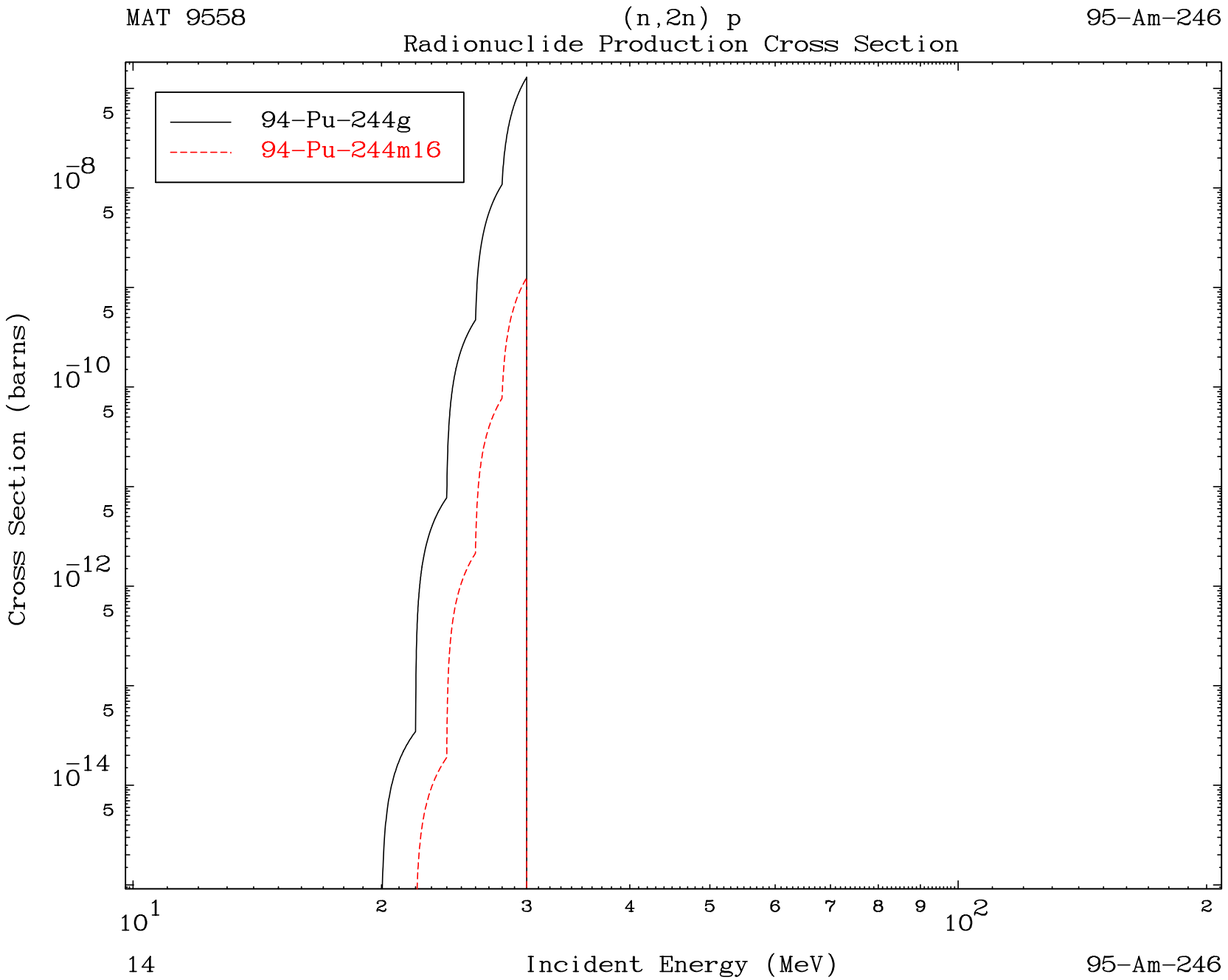

MAT 9558
(p,He3) Levels
95-Am-246
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
95-Am-246

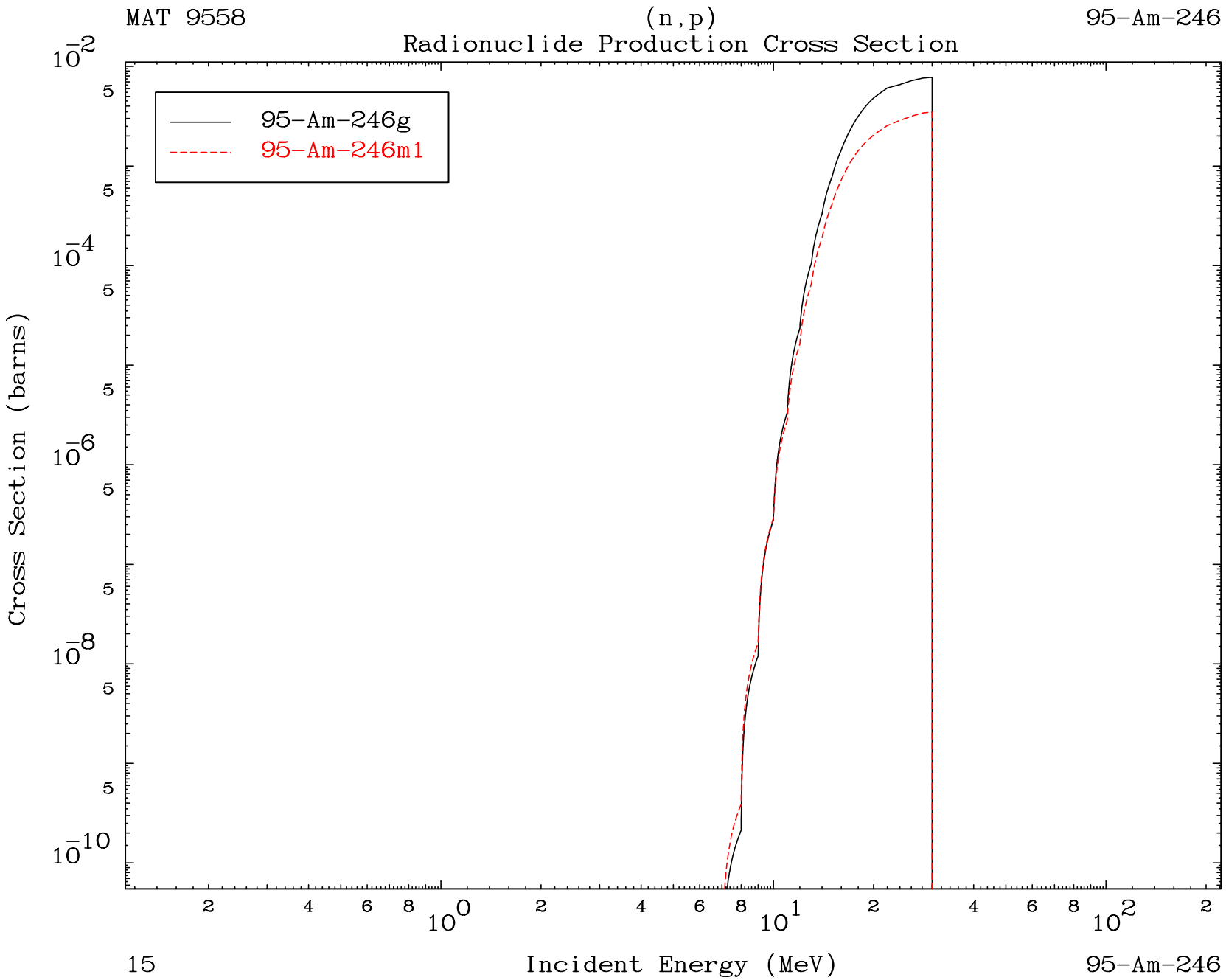

MAT 9558
(p,α) Levels
95-Am-246
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
Incident Energy (MeV)
95-Am-246

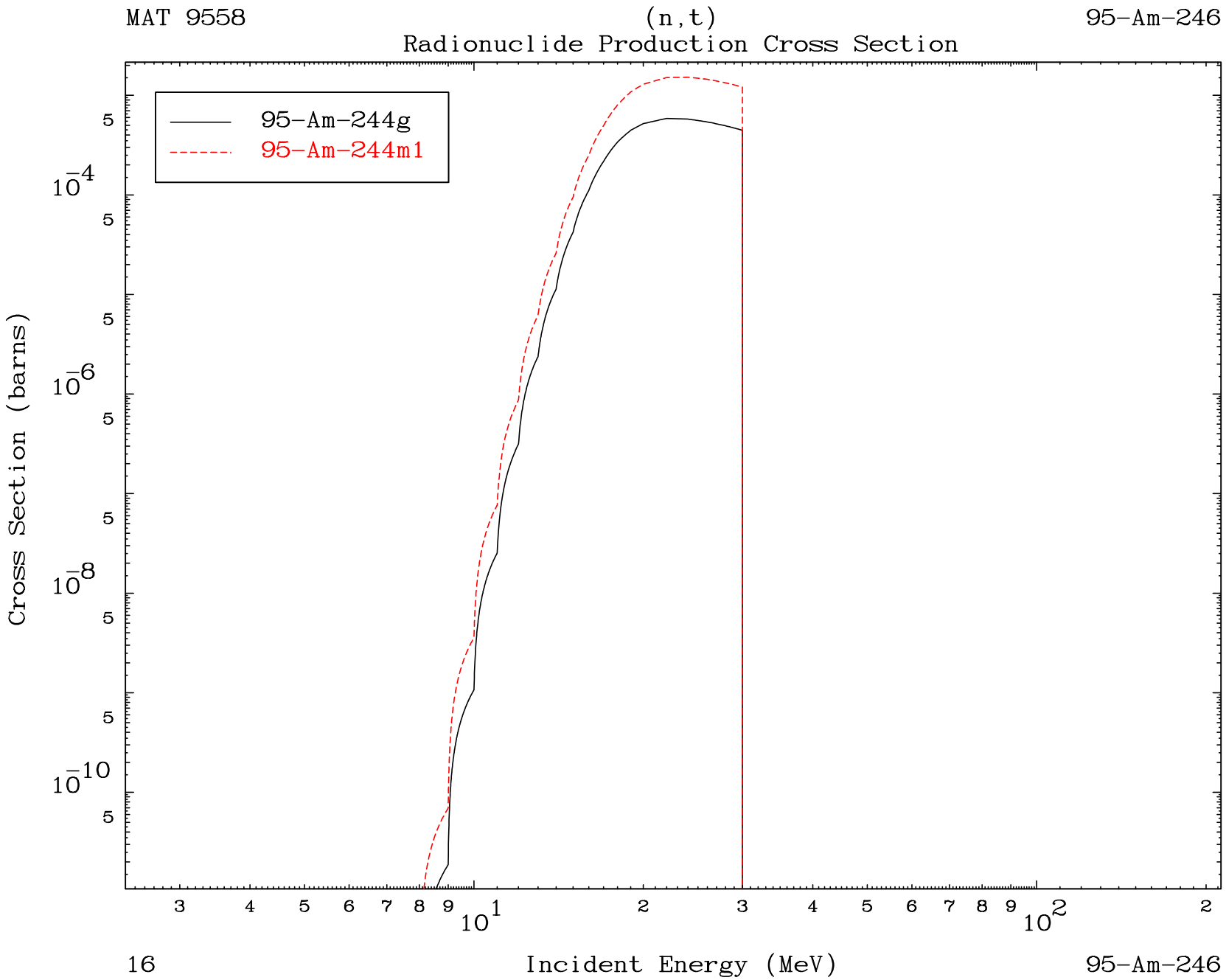

MAT 9558
Fission
95-Am-246
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
11
95-Am-246

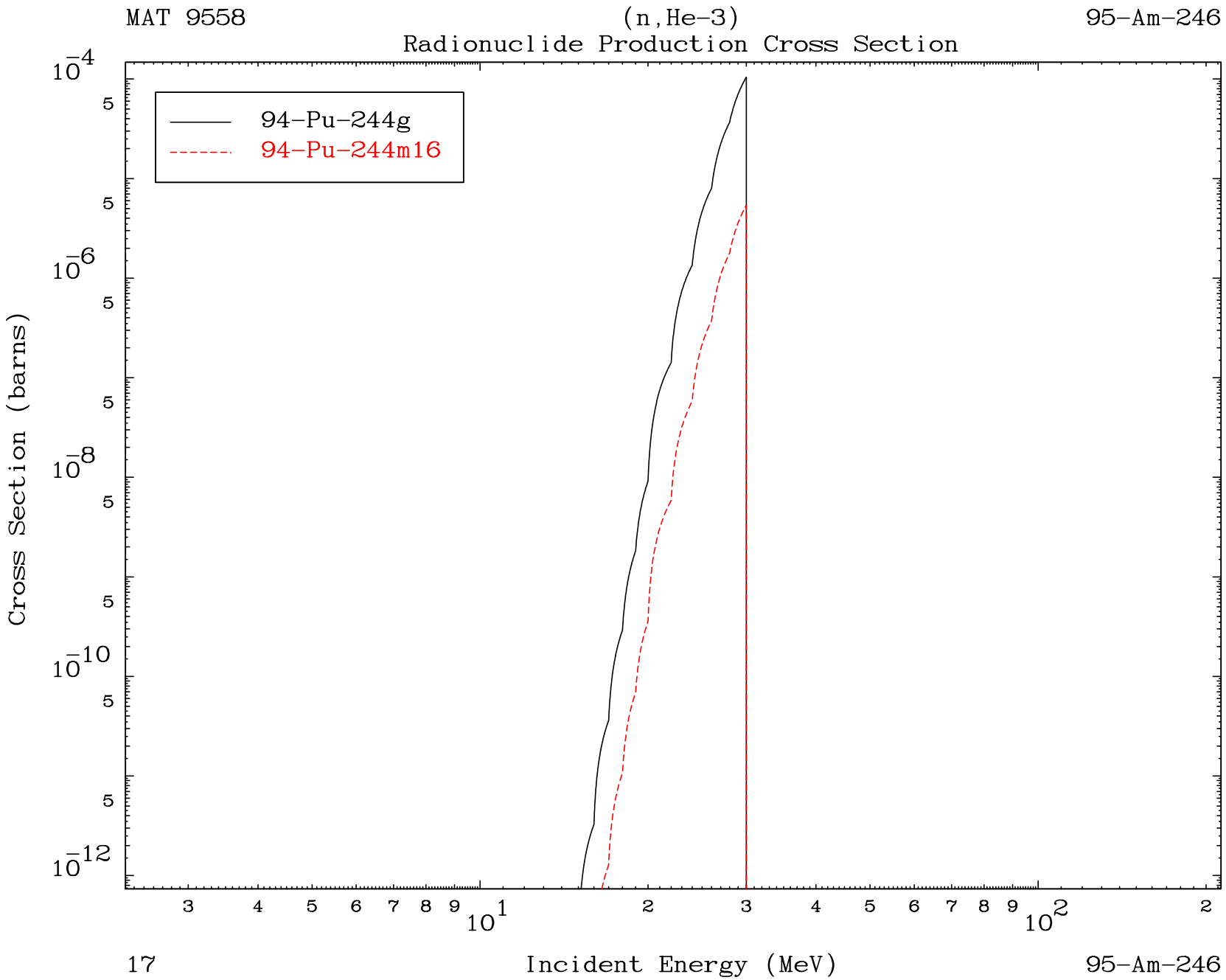

MAT 9558
(n,n') d
95-Am-246
Radionuclide Production Cross Section
95-Am-244g
95-Am-244m1
Cross Section (barns)
Incident Energy (MeV)
95-Am-246
12

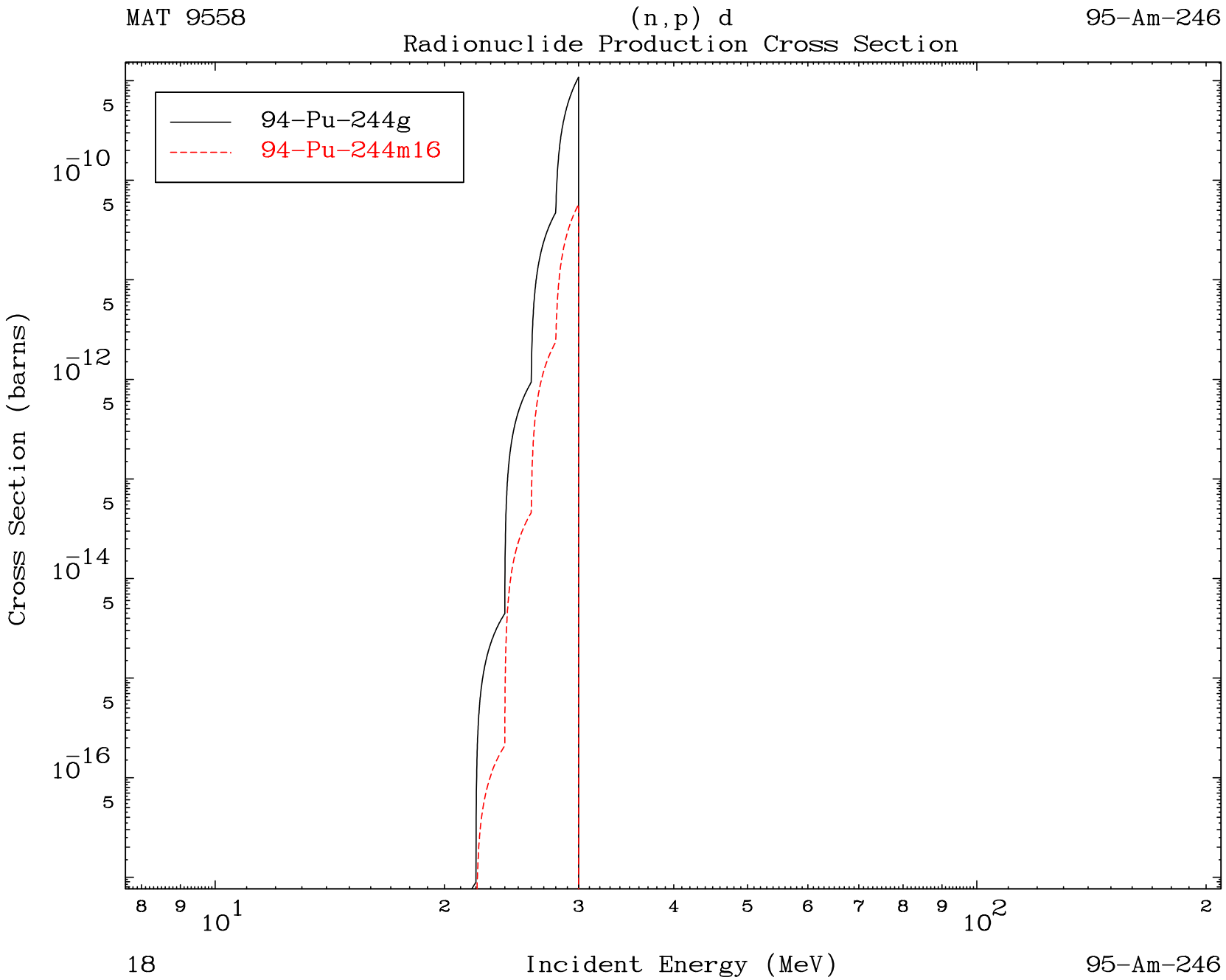

MAT 9558
(n,2n) p
95-Am-246
Radionuclide Production Cross Section
95-Am-244g
95-Am-244m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
95-Am-246


MAT 9558
(n,2n) p
95-Am-246
Radionuclide Production Cross Section
94-Pu-244g
94-Pu-244m16
Cross Section (barns)
Incident Energy (MeV)
14
95-Am-246


MAT 9558
(n,p)
95-Am-246
Radionuclide Production Cross Section
95-Am-246g
95-Am-246m1
Cross Section (barns)
Incident Energy (MeV)
15
95-Am-246


MAT 9558
(n,t)
95-Am-246
Radionuclide Production Cross Section
95-Am-244g
95-Am-244m1
Cross Section (barns)
Incident Energy (MeV)
16
95-Am-246


MAT 9558
(n,He-3)
95-Am-246
Radionuclide Production Cross Section
94-Pu-244g
94-Pu-244m16
Cross Section (barns)
Incident Energy (MeV)
17
95-Am-246


MAT 9558
(n,p) d
95-Am-246
Radionuclide Production Cross Section
94-Pu-244g
94-Pu-244m16
Cross Section (barns)
Incident Energy (MeV)
18
95-Am-246