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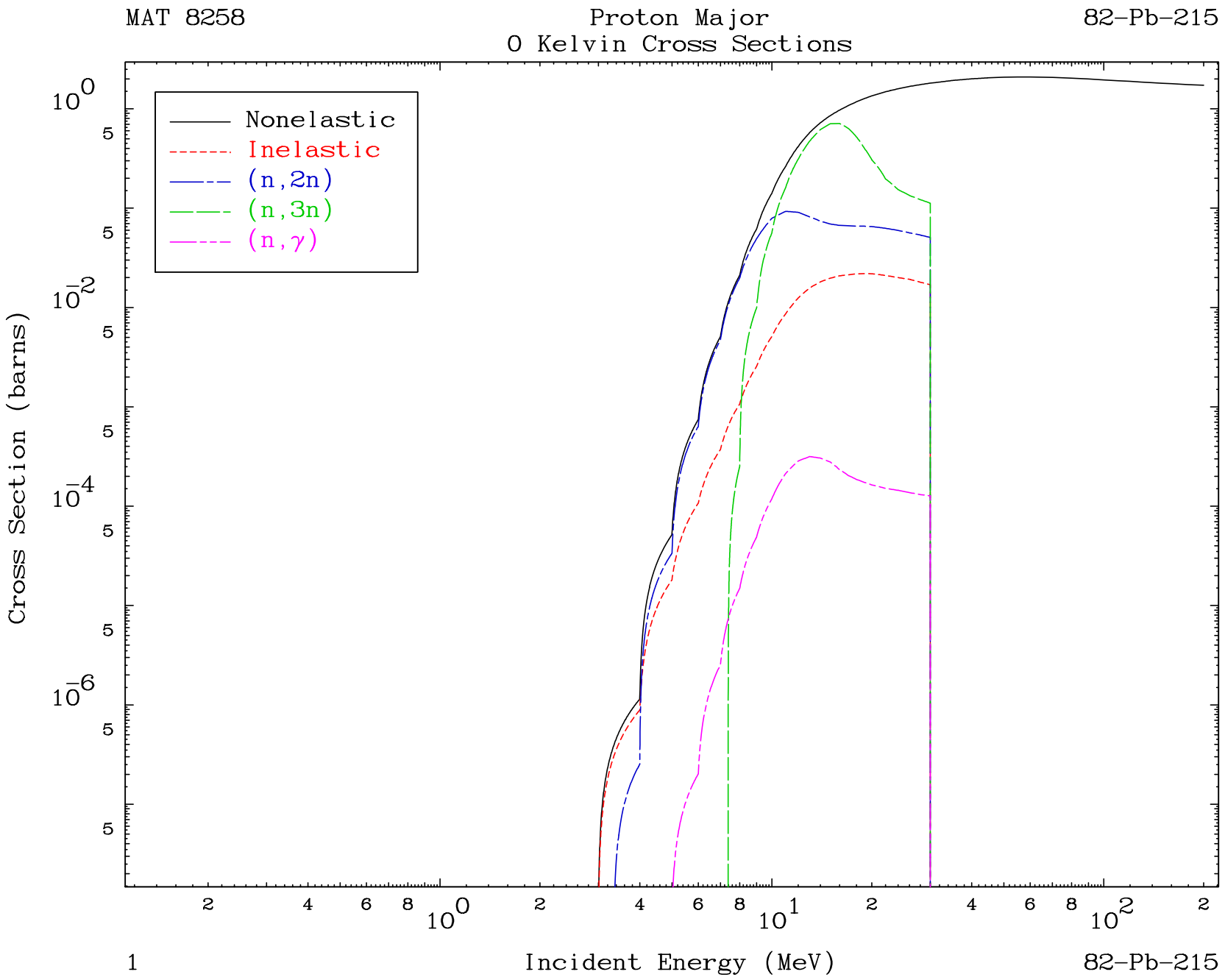
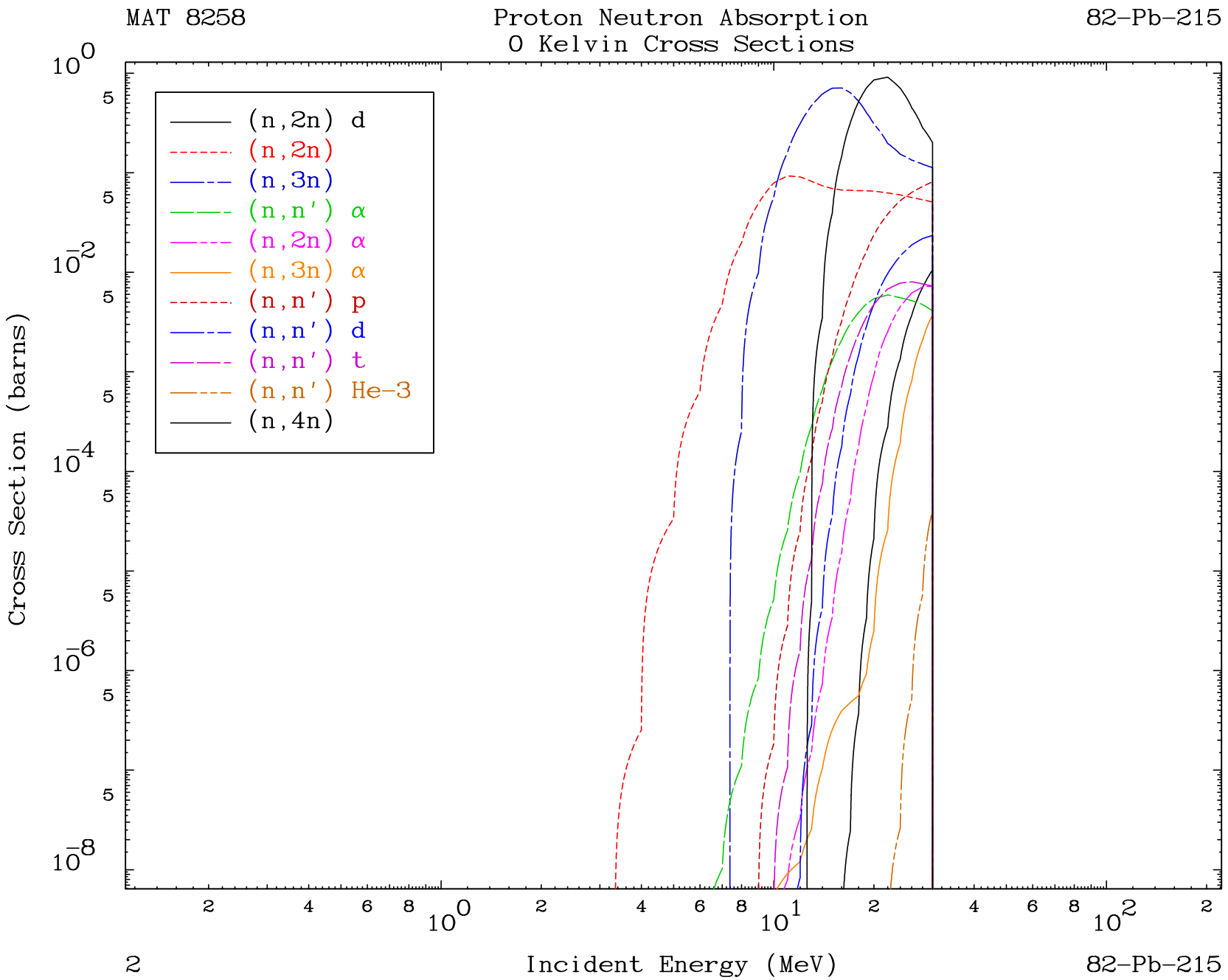
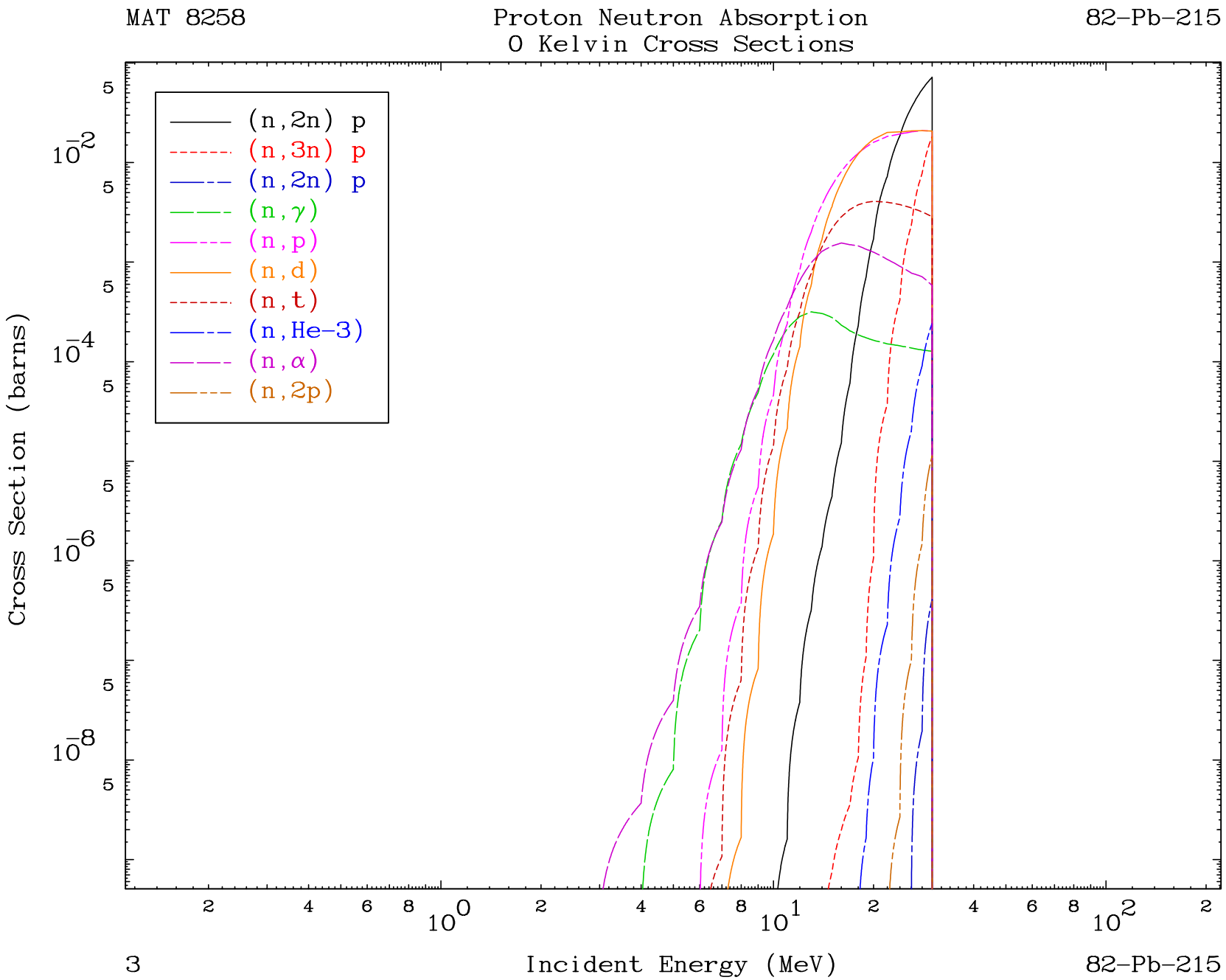
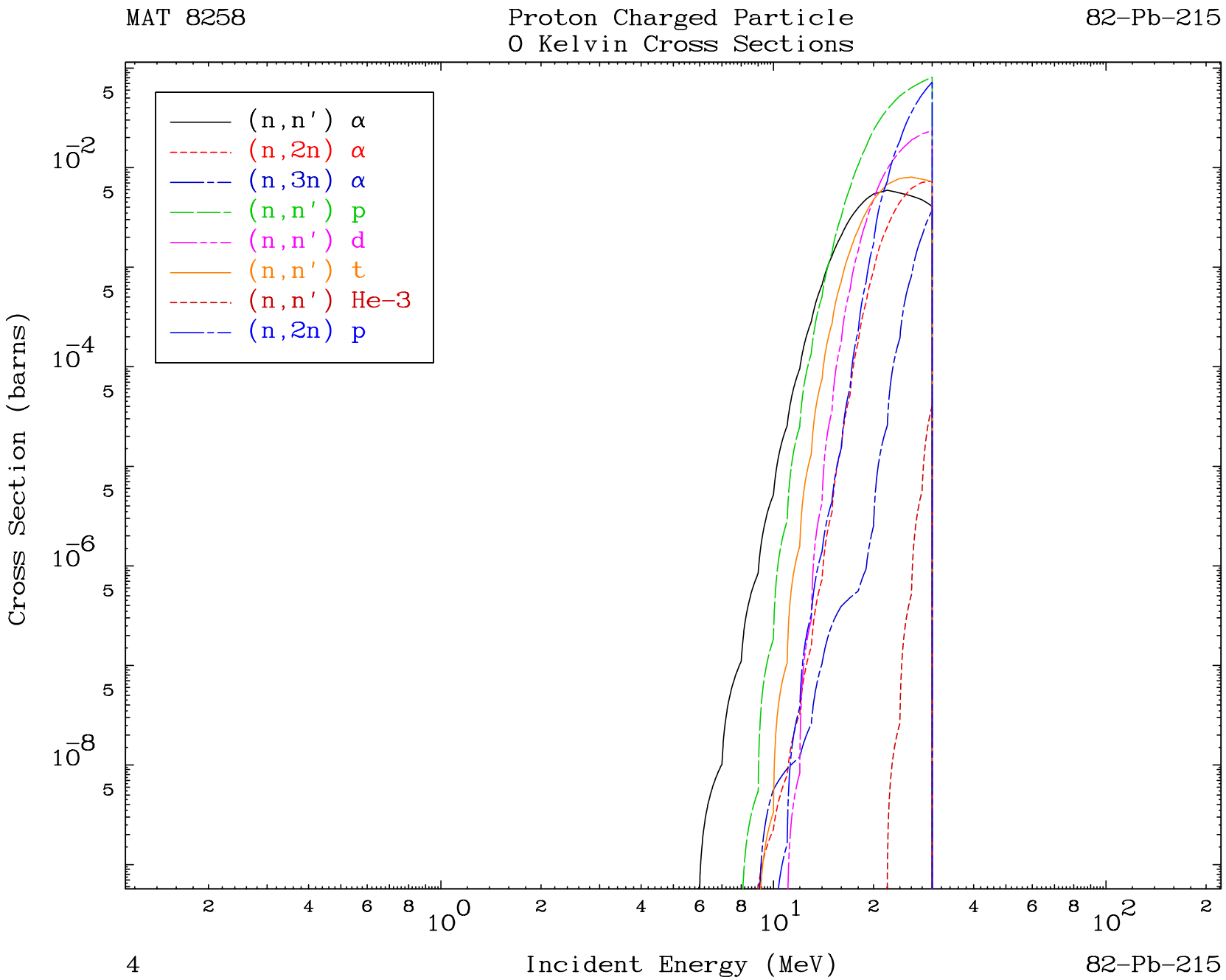
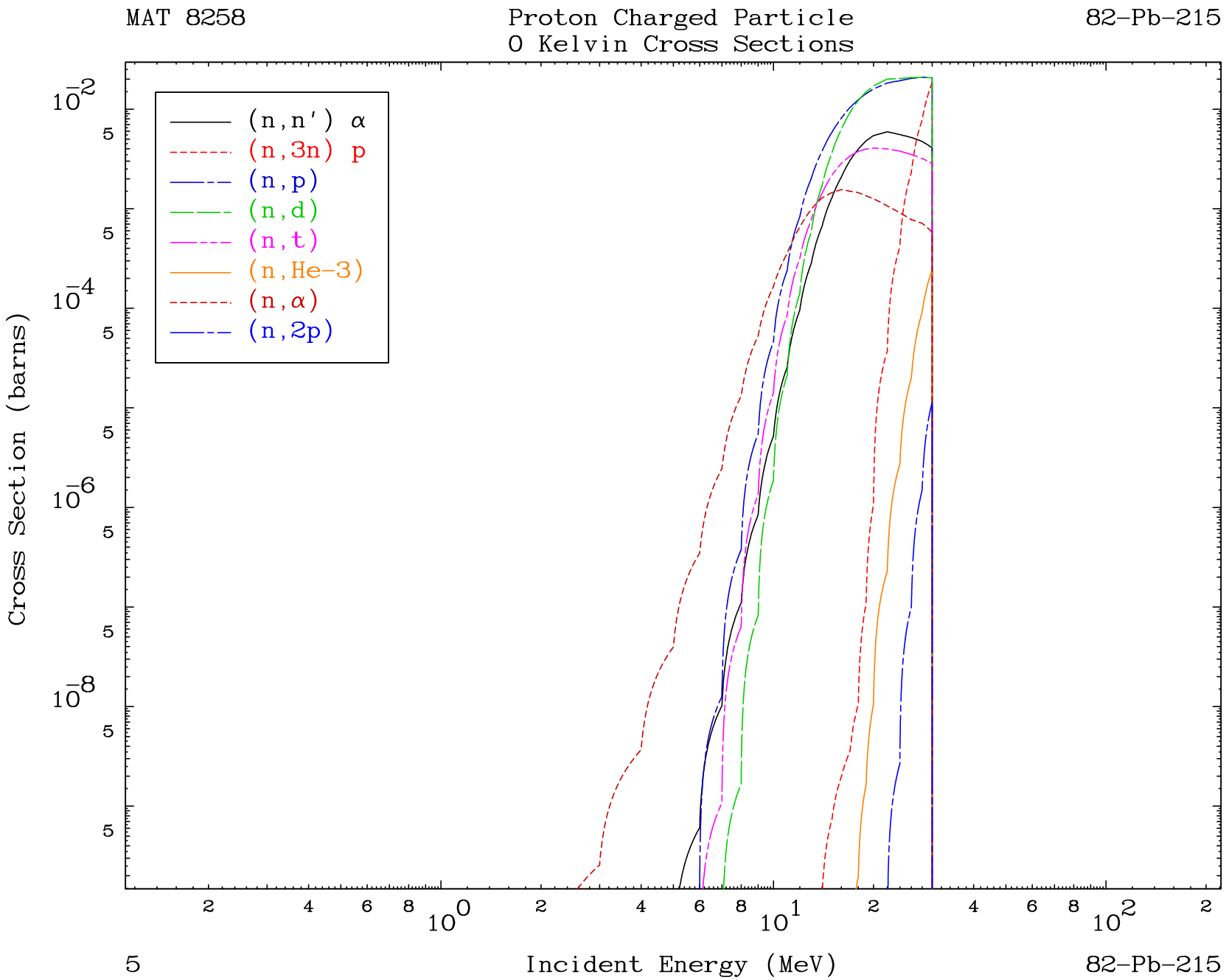
Press Mouse Button to Start

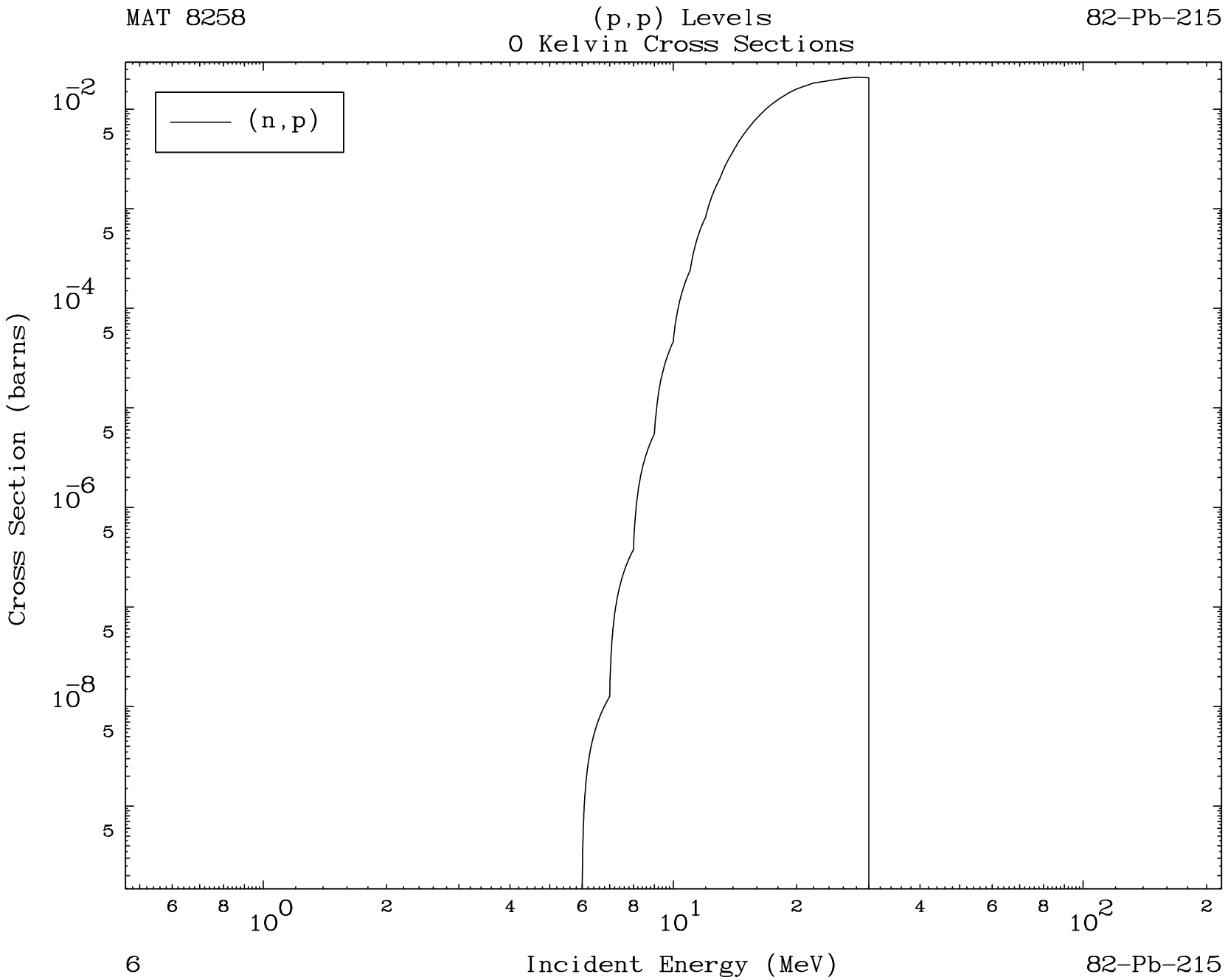

MAT 8258
Proton Major
82-Pb-215
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
82-Pb-215
1

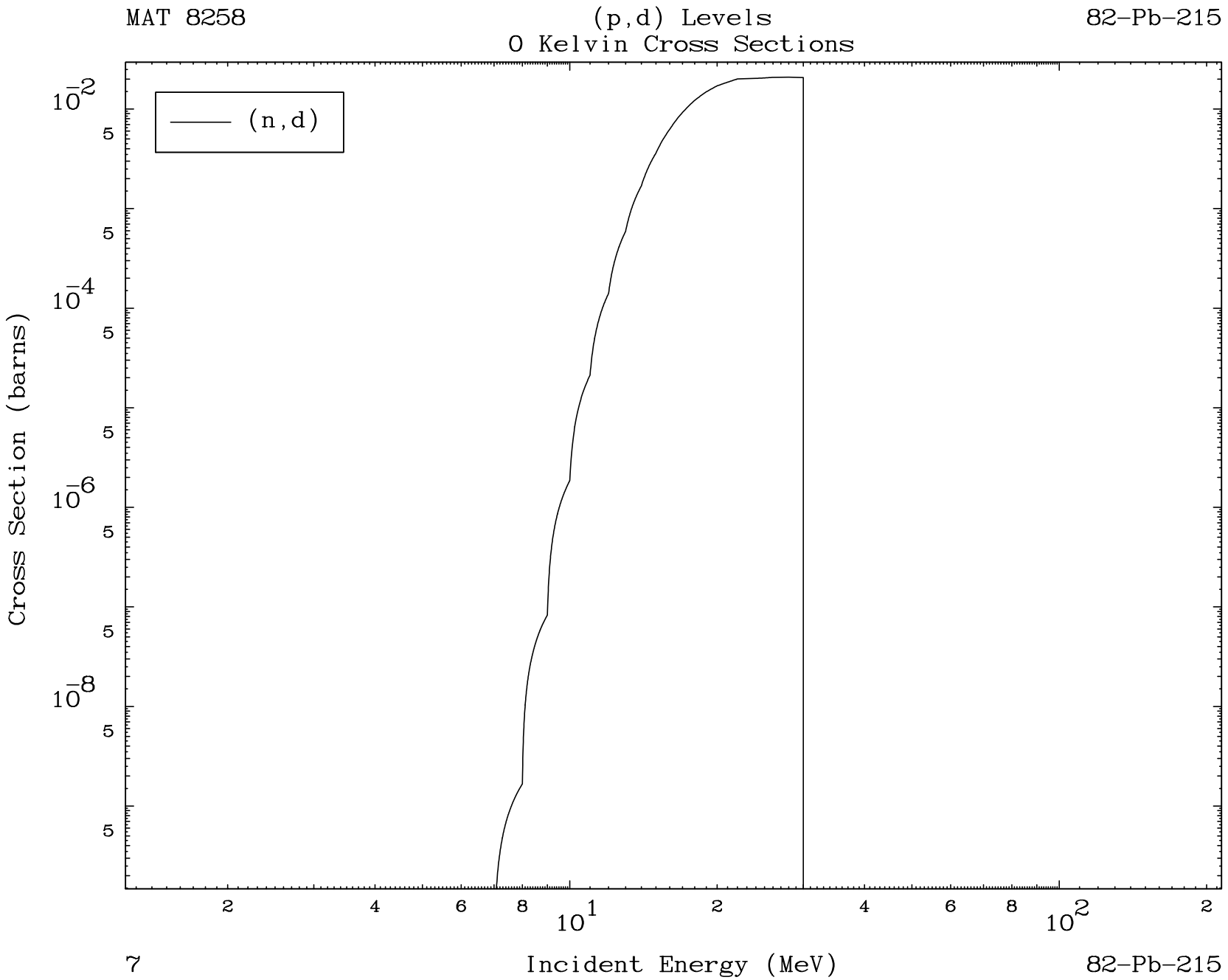

MAT 8258
Proton Neutron Absorption
0 Kelvin Cross Sections
82-Pb-215
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,4n)
Cross Section (barns)
Incident Energy (MeV)
82-Pb-215

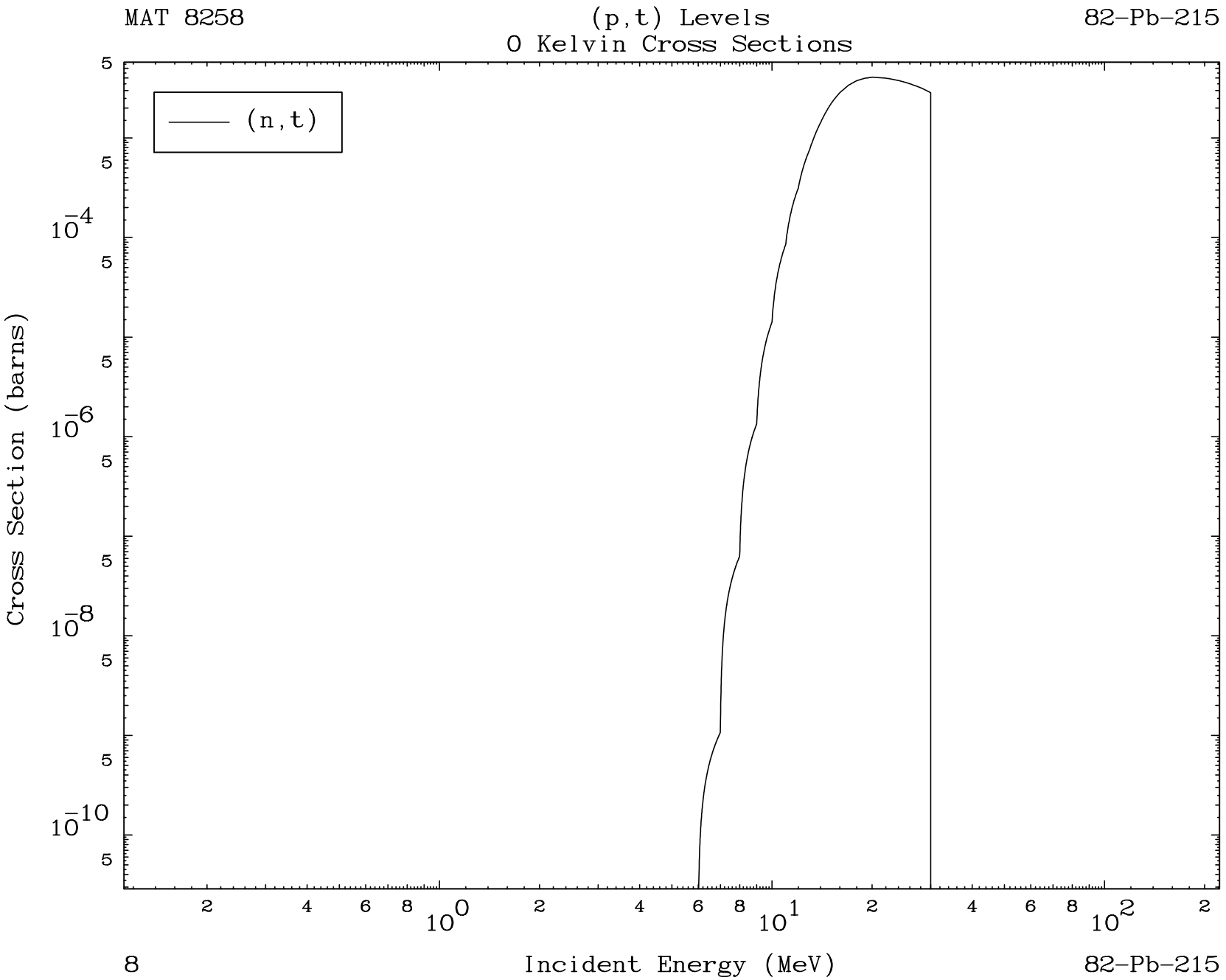

MAT 8258
Proton Neutron Absorption
0 Kelvin Cross Sections
82-Pb-215
(n,2n) p
(n,3n) p
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
Cross Section (barns)
Incident Energy (MeV)
3
82-Pb-215

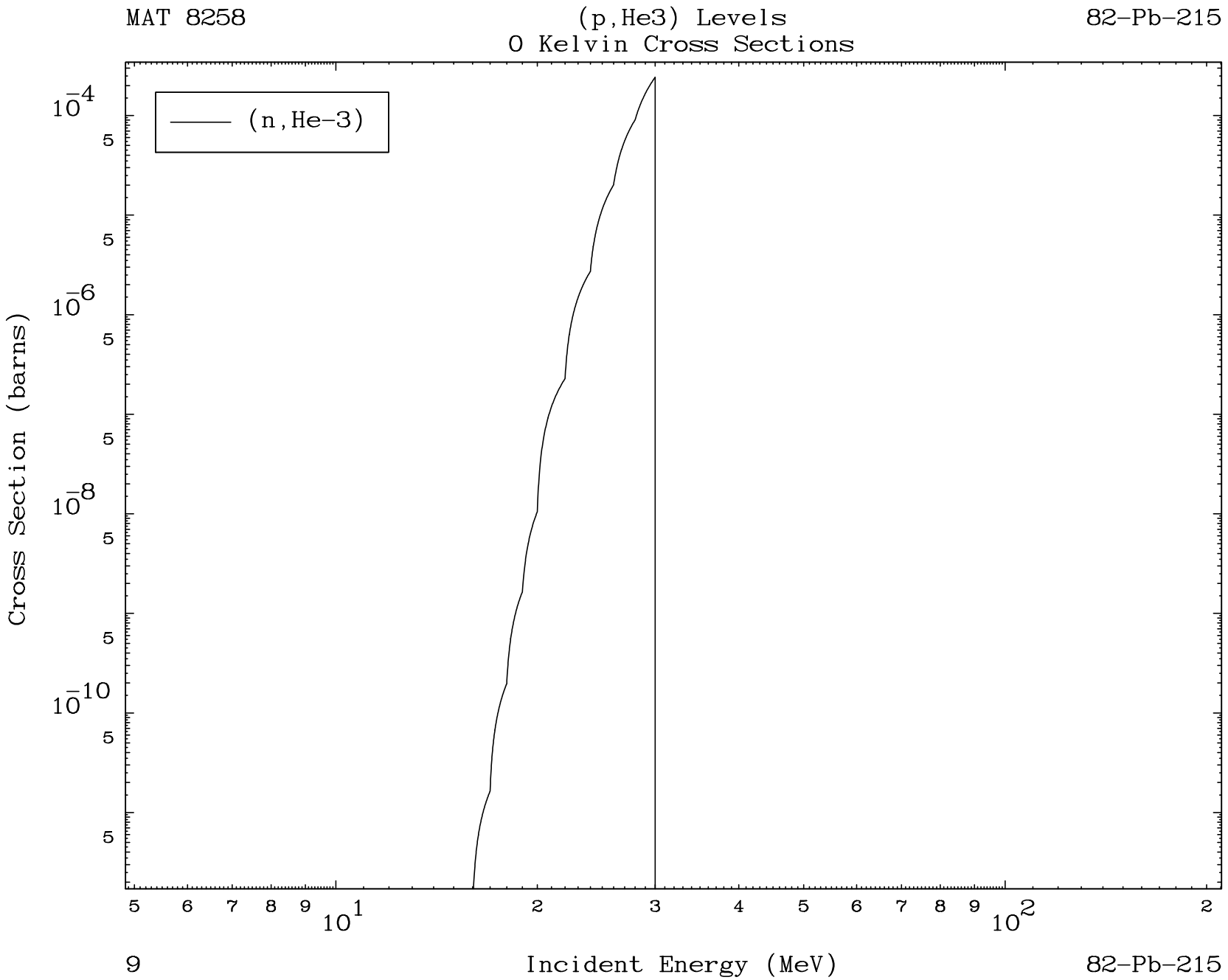

MAT 8258
Proton Charged Particle
0 Kelvin Cross Sections
82-Pb-215
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
4
82-Pb-215

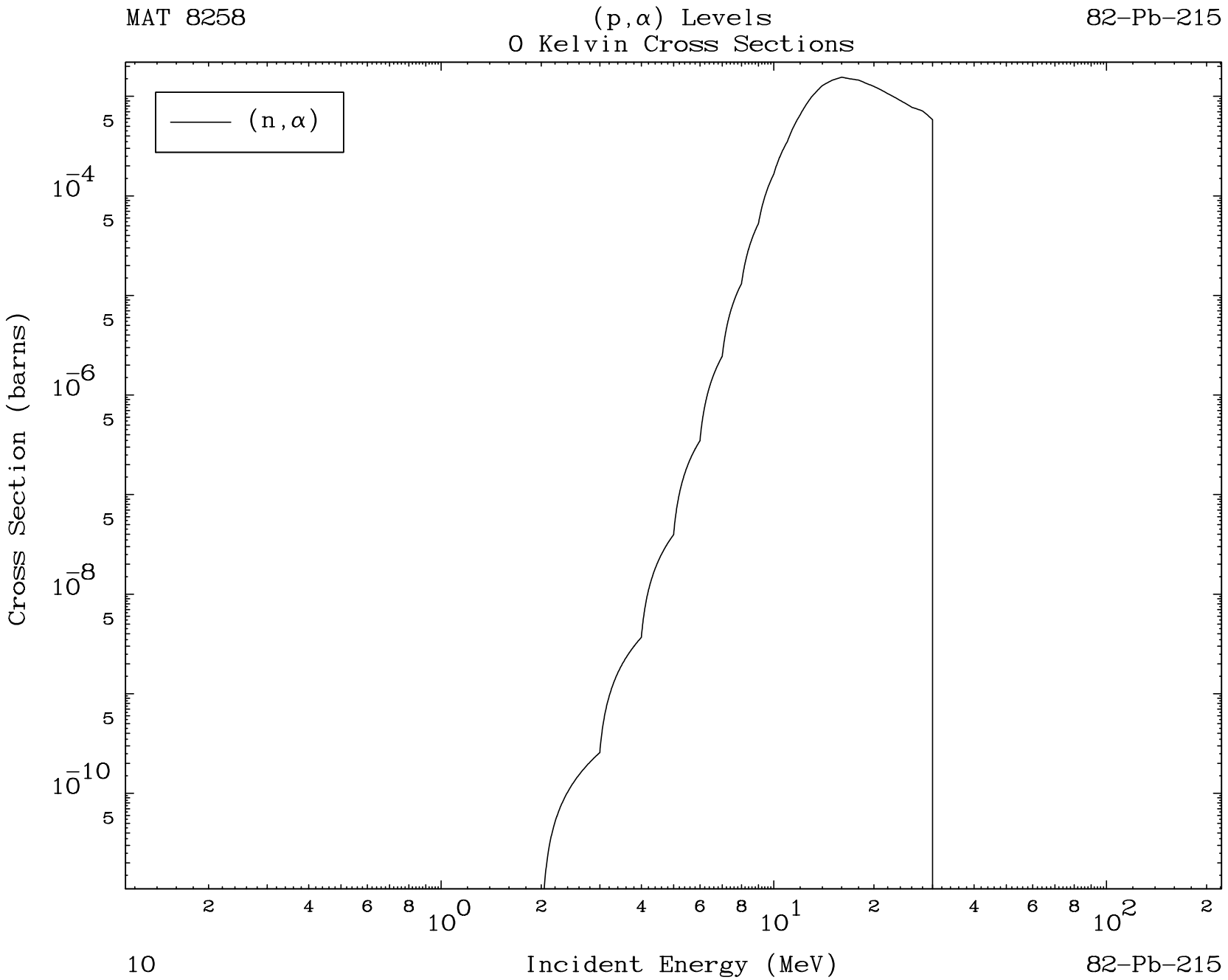

MAT 8258
Proton Charged Particle
0 Kelvin Cross Sections
82-Pb-215
(n,n') α
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
Cross Section (barns)
Incident Energy (MeV)
82-Pb-215
5

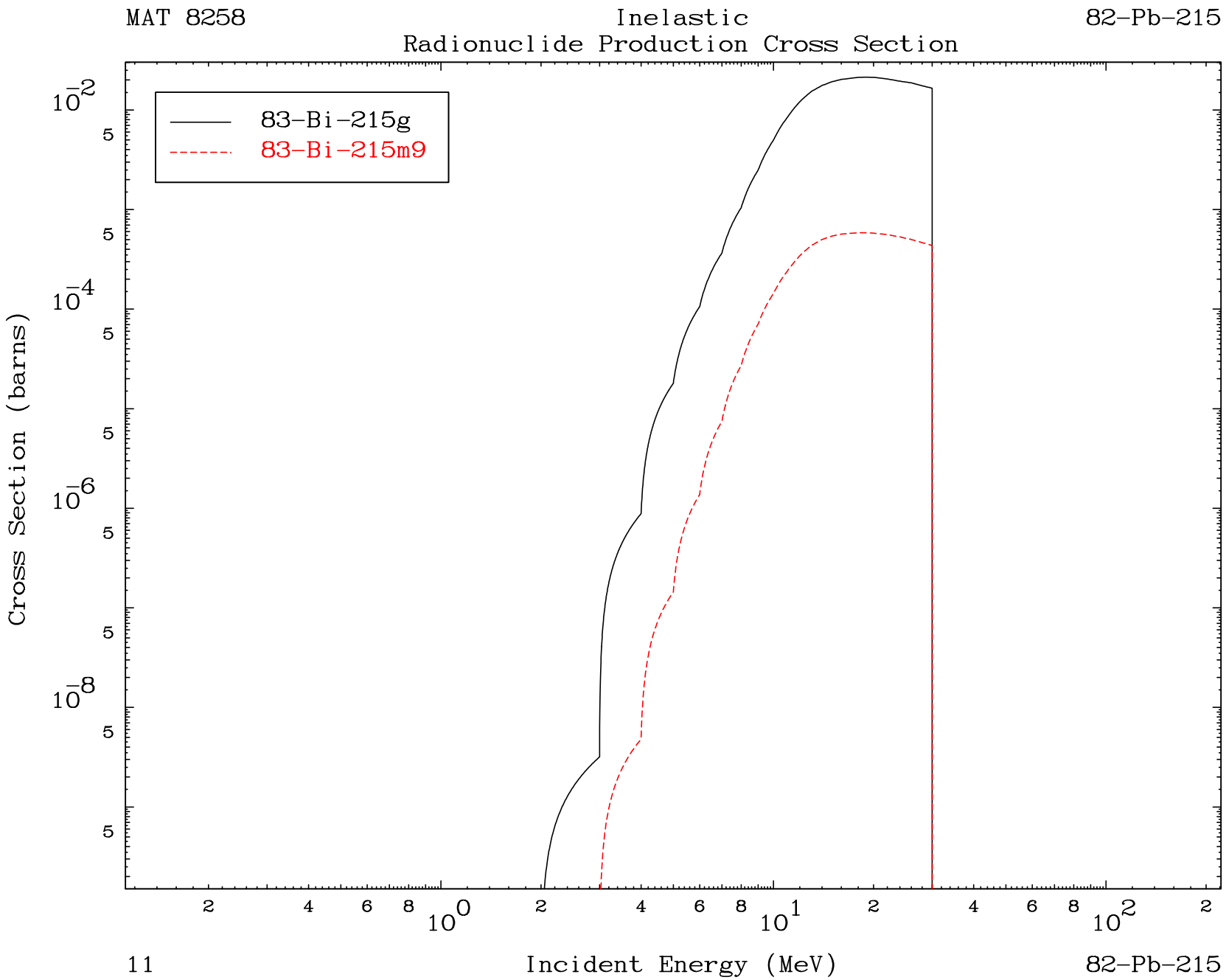

MAT 8258
(p,p) Levels
82-Pb-215
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
82-Pb-215
6

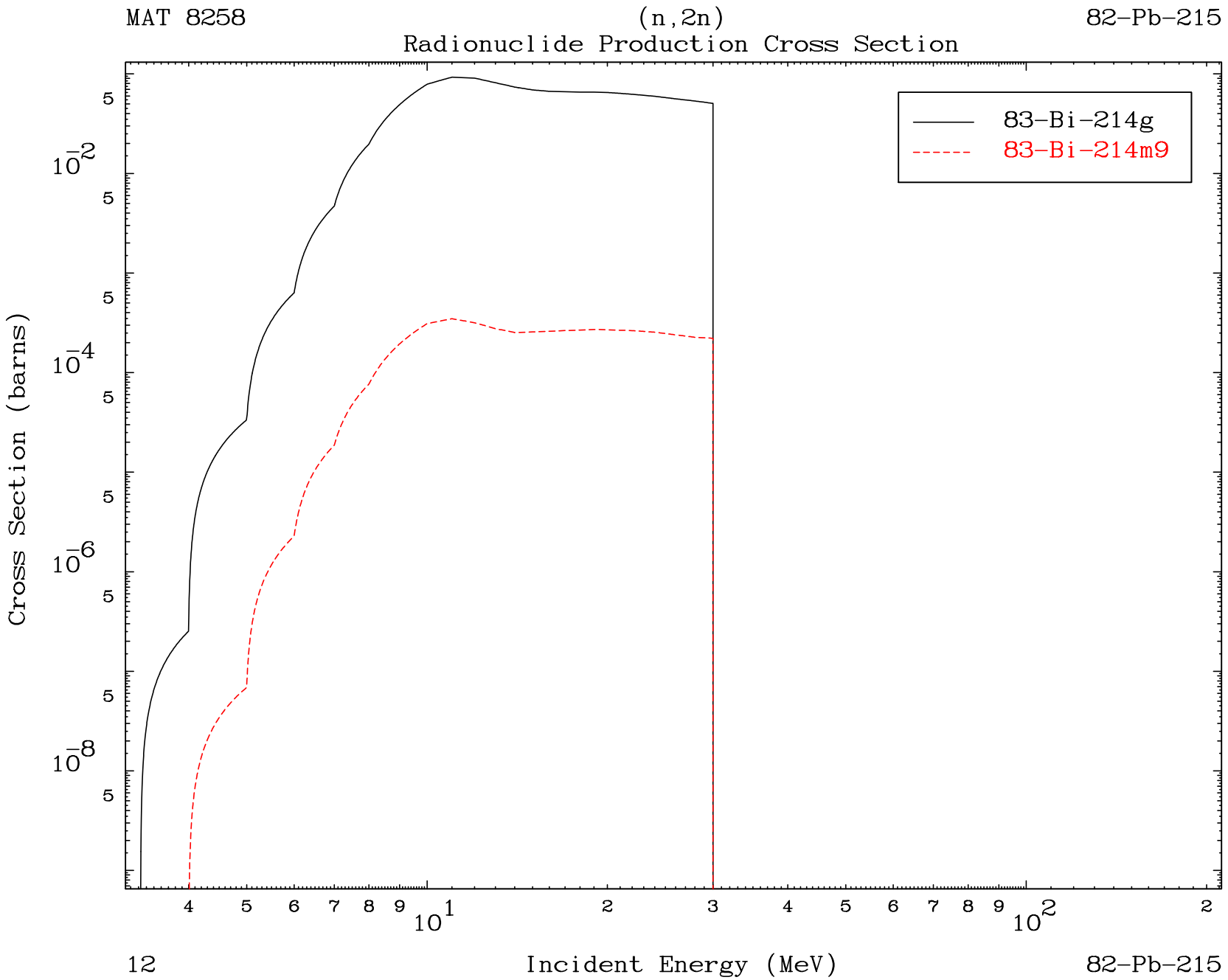

MAT 8258
(p,d) Levels
82-Pb-215
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
10 1
10 2
Incident Energy (MeV)
7
82-Pb-215

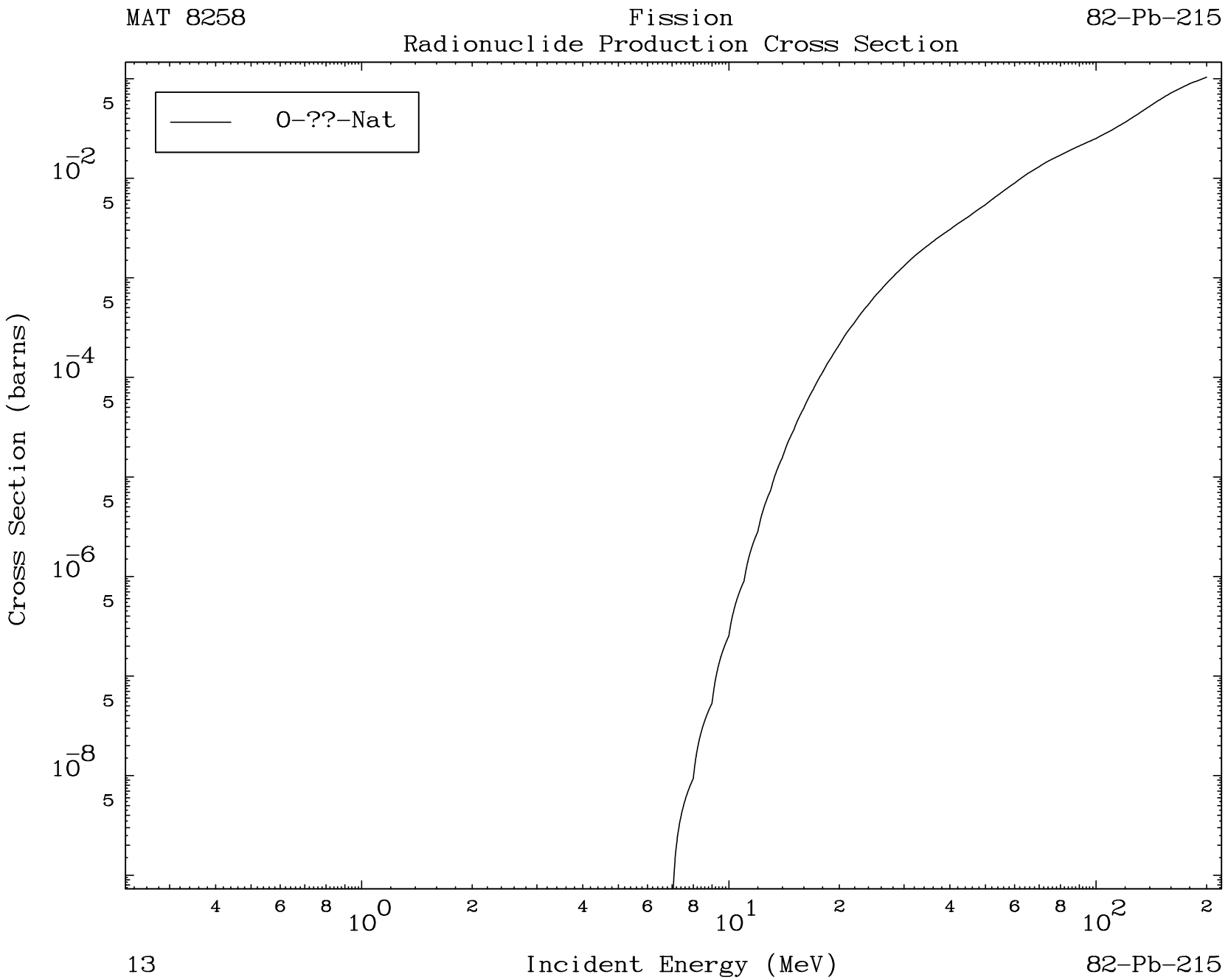

MAT 8258
(p,t) Levels
82-Pb-215
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
82-Pb-215
8

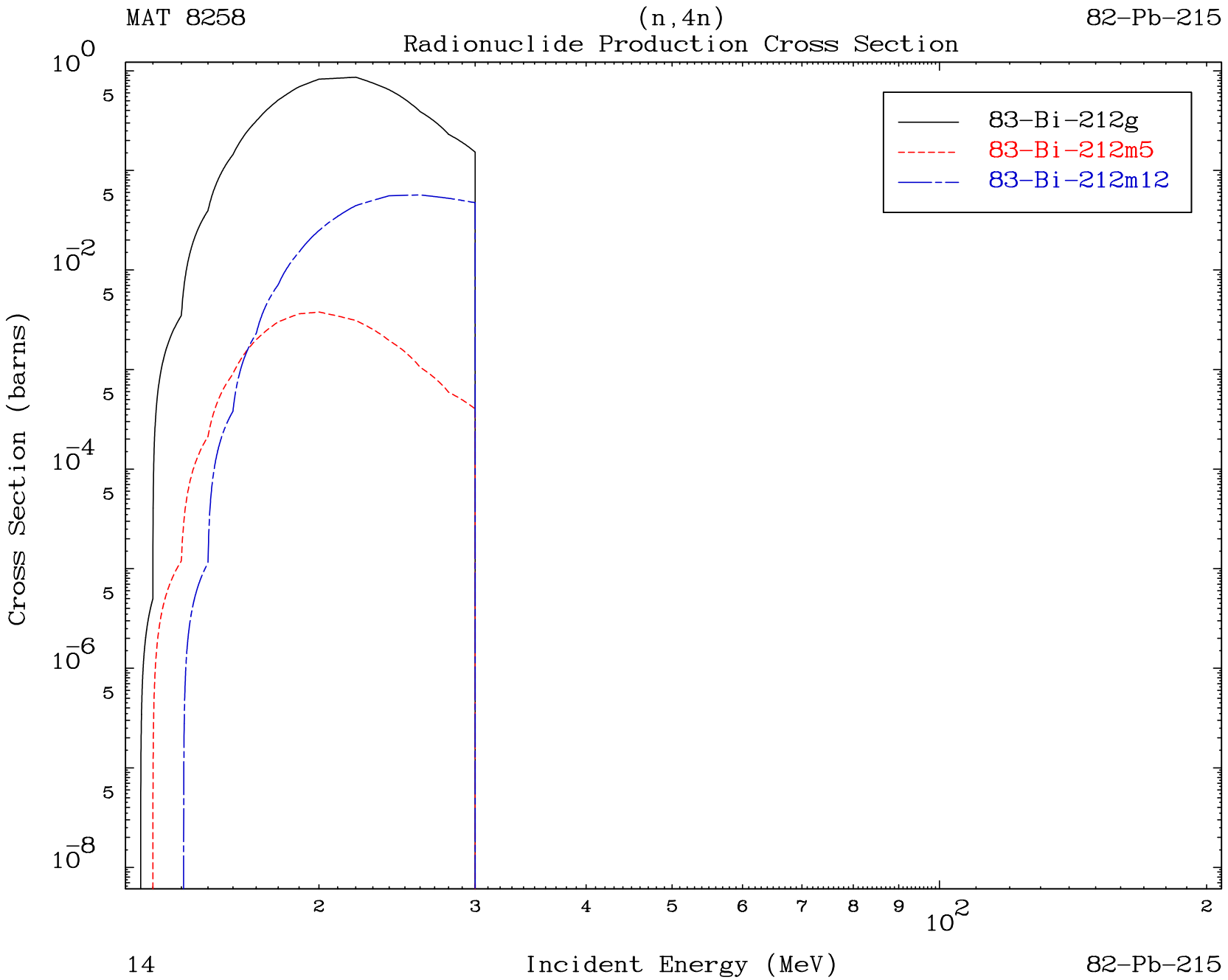

MAT 8258
(p,He3) Levels
82-Pb-215
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
5
5
5
5
5
5
5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
9
82-Pb-215

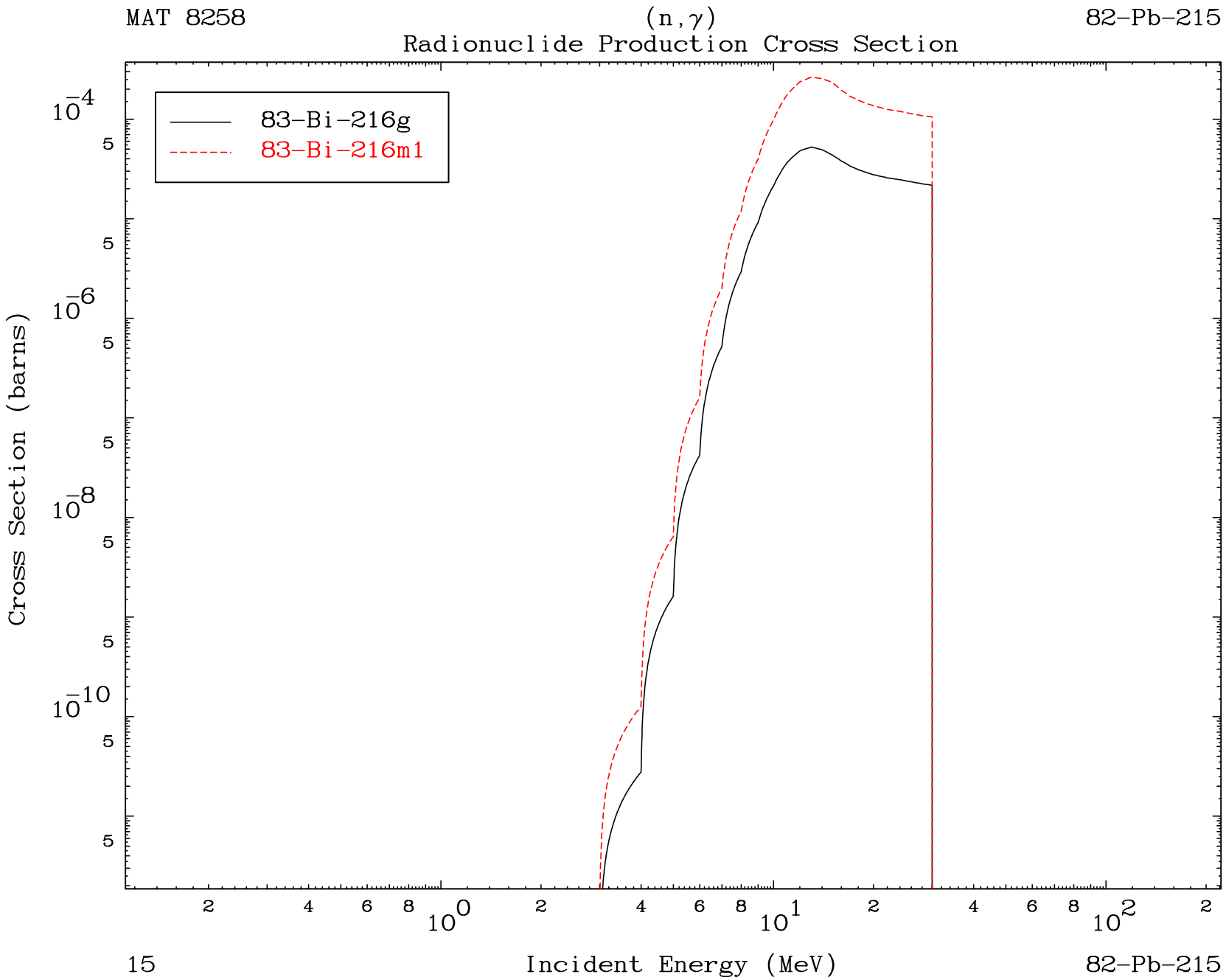

MAT 8258
(p,α) Levels
82-Pb-215
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10
Incident Energy (MeV)
82-Pb-215


MAT 8258
Inelastic
82-Pb-215
Radionuclide Production Cross Section
83-Bi-215g
83-Bi-215m9
Cross Section (barns)
Incident Energy (MeV)
11
82-Pb-215


MAT 8258
(n,2n)
82-Pb-215
Radionuclide Production Cross Section
83-Bi-214g
83-Bi-214m9
Cross Section (barns)
Incident Energy (MeV)
12
82-Pb-215


MAT 8258
Fission
82-Pb-215
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
13
82-Pb-215


MAT 8258
(n,4n)
82-Pb-215
Radionuclide Production Cross Section
83-Bi-212g
83-Bi-212m5
83-Bi-212m12
Cross Section (barns)
Incident Energy (MeV)
14
82-Pb-215


MAT 8258
(n,γ)
82-Pb-215
Radionuclide Production Cross Section
83-Bi-216g
83-Bi-216m1
Cross Section (barns)
Incident Energy (MeV)
15
82-Pb-215