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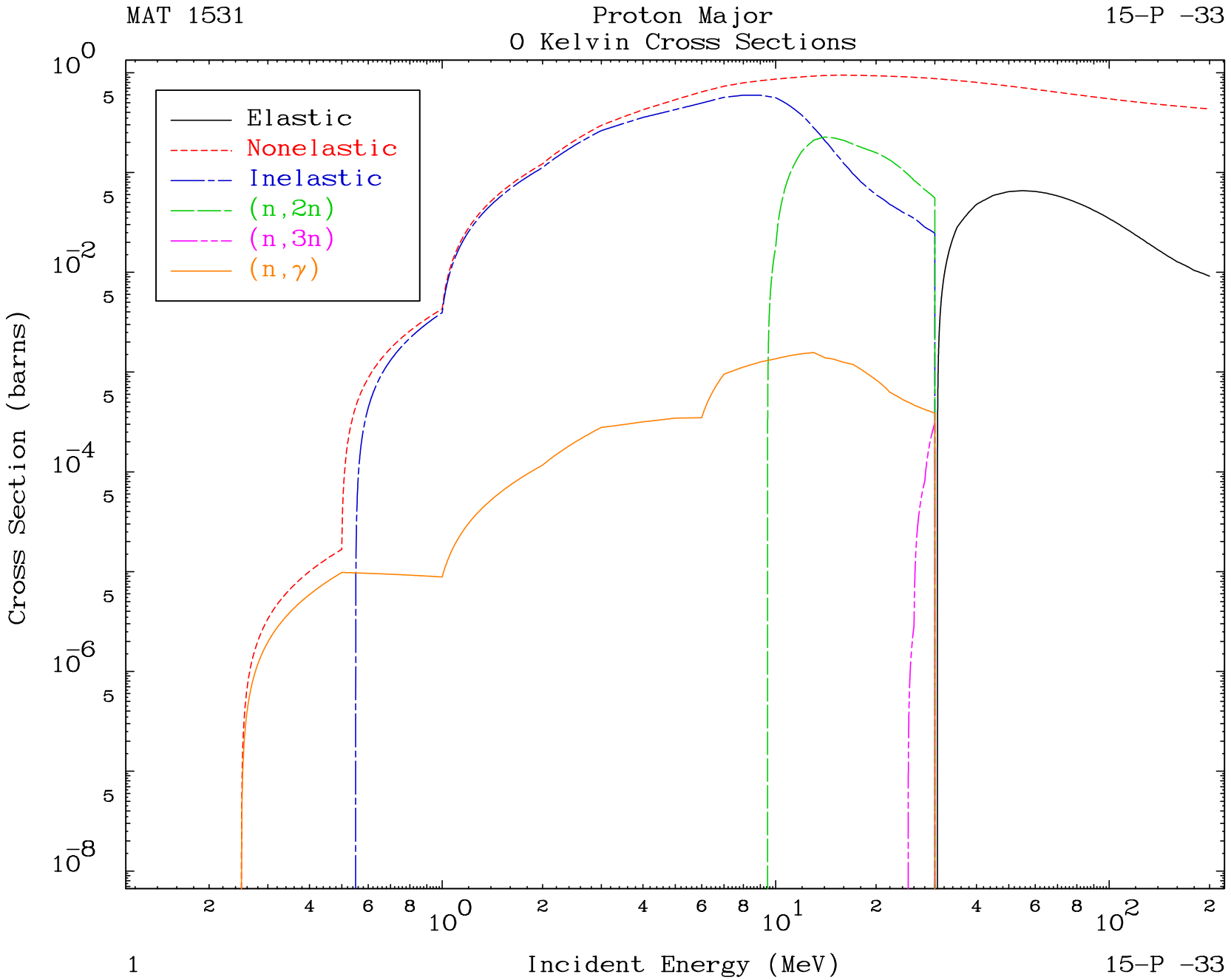
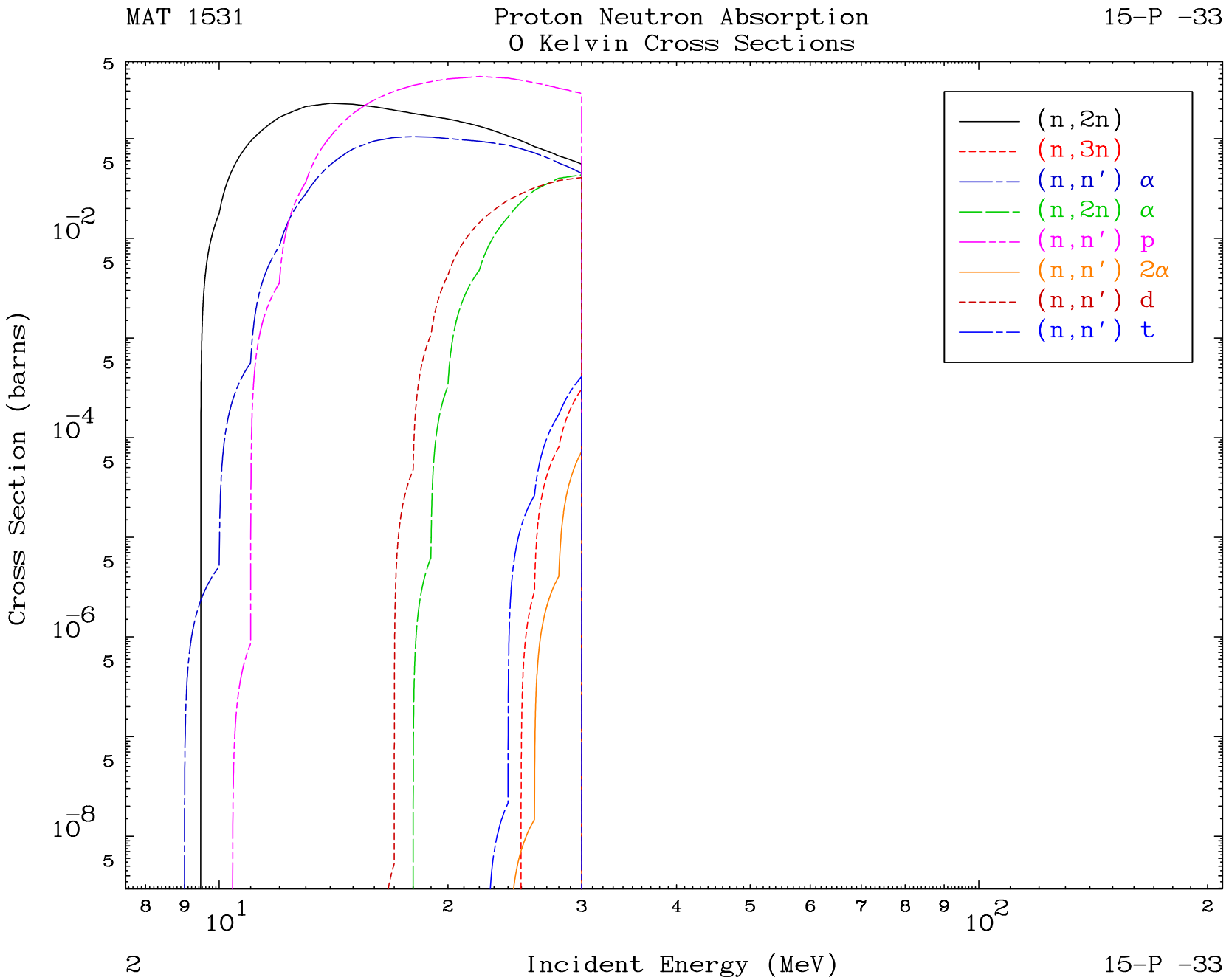
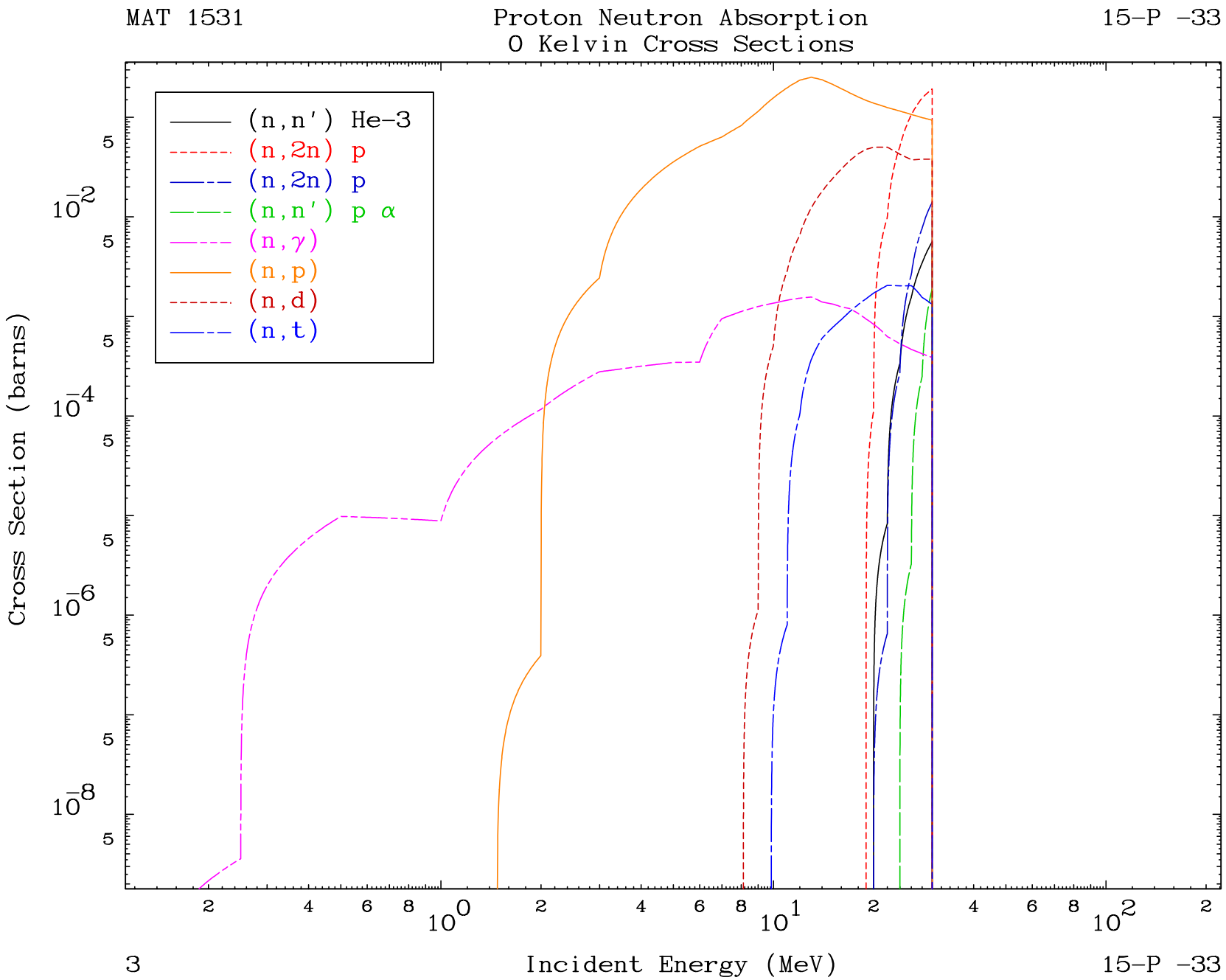
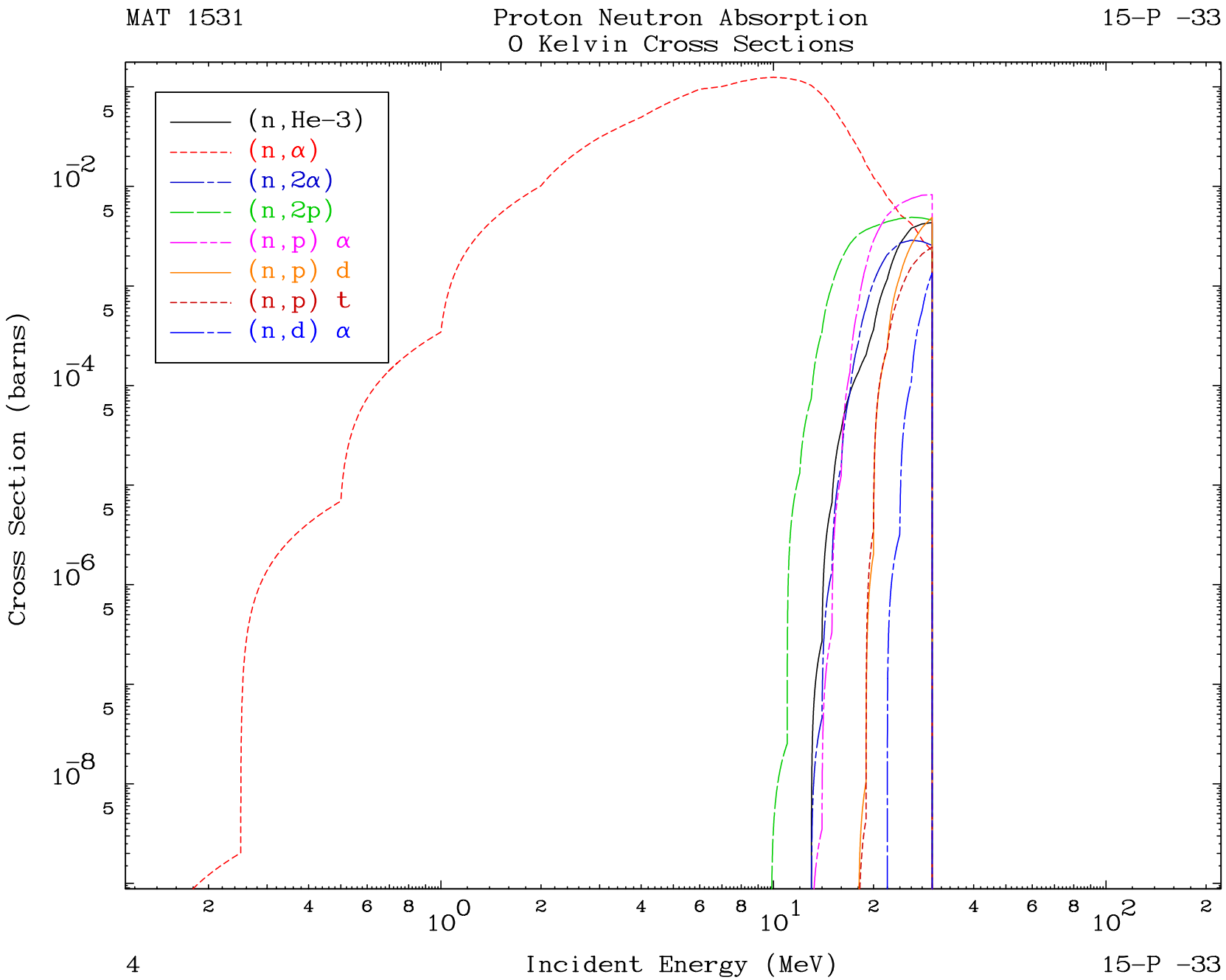
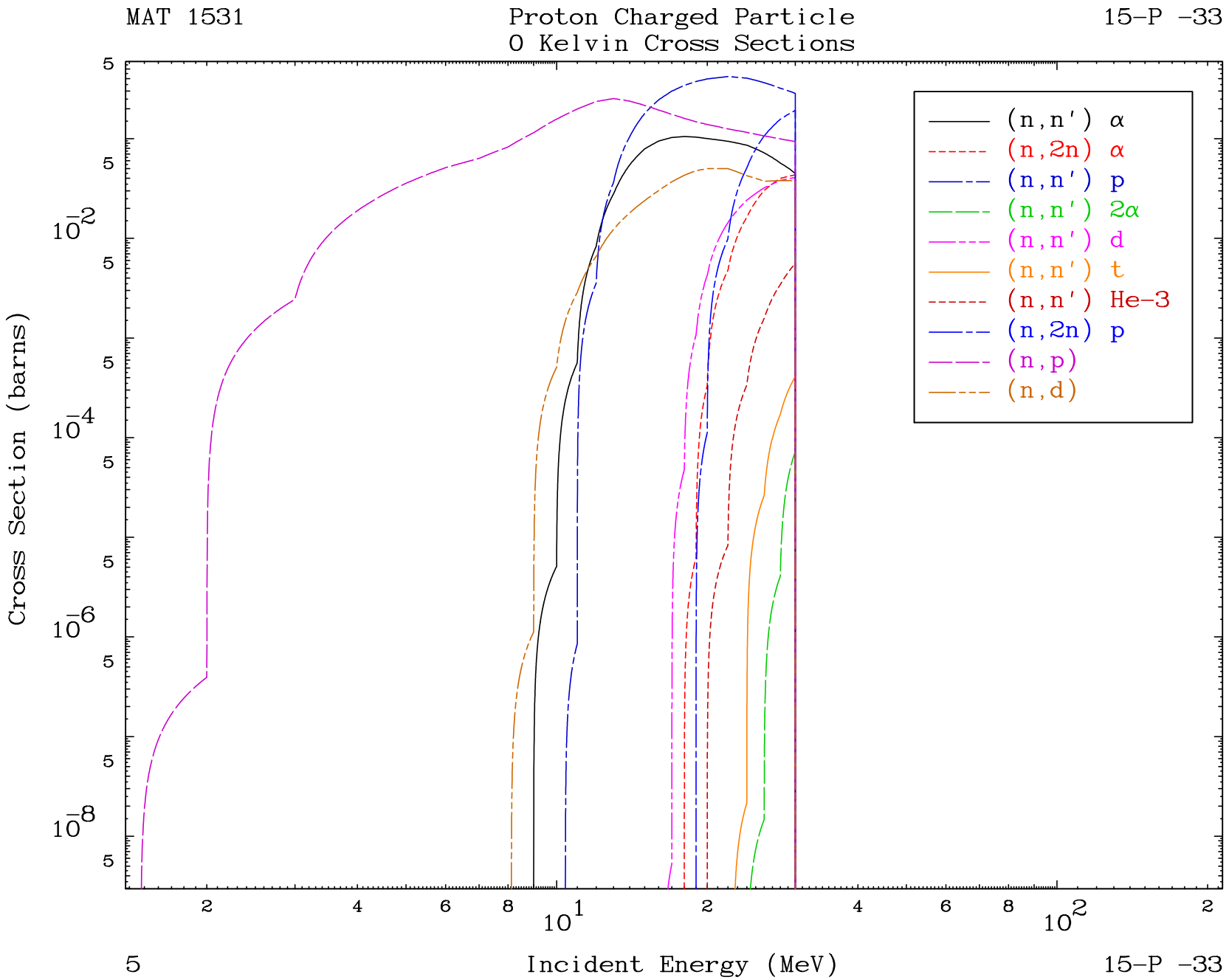
Press Mouse Button to Start

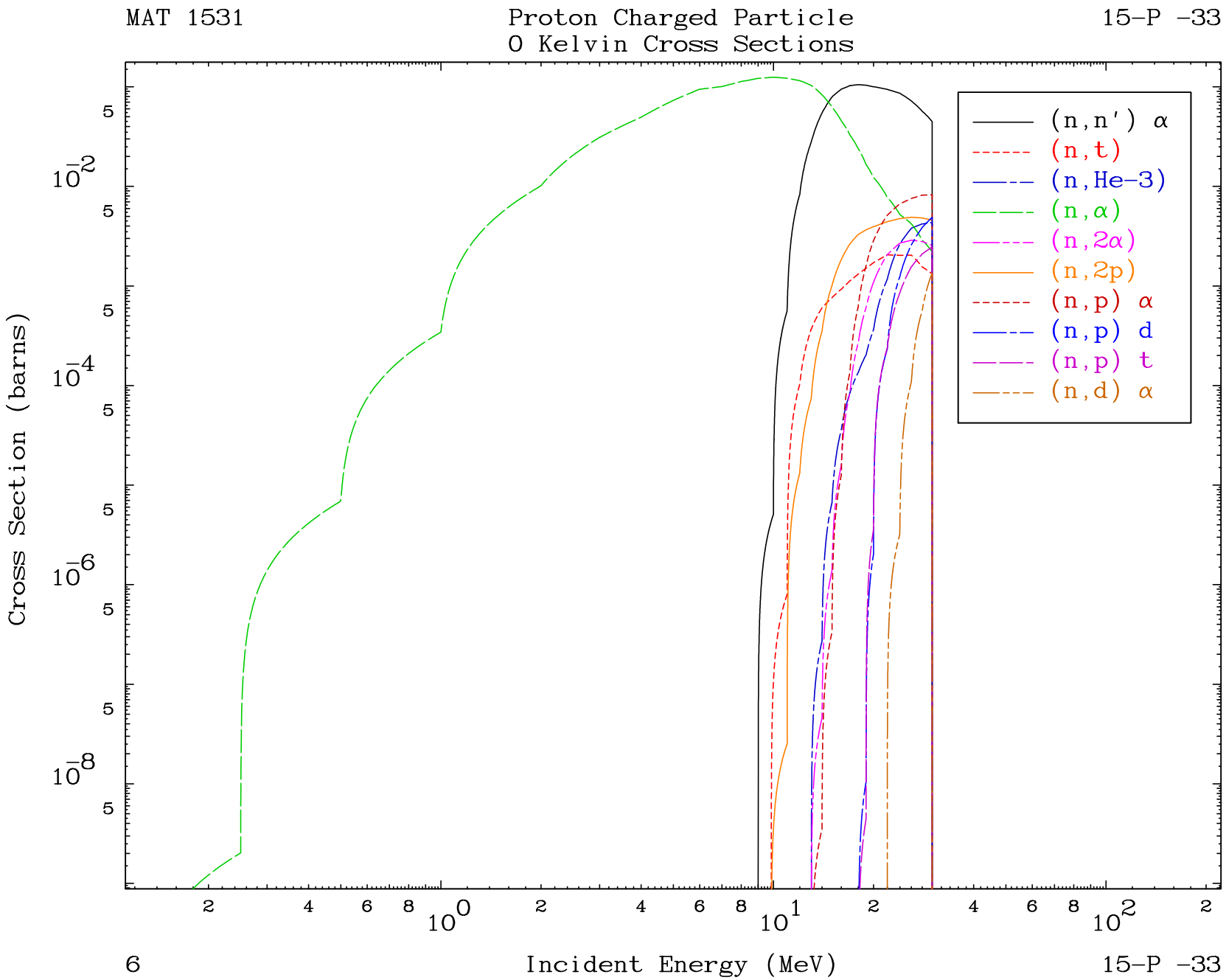

MAT 1531
Proton Major
15-P -33
0 Kelvin Cross Sections
Elastic
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
15-P -33

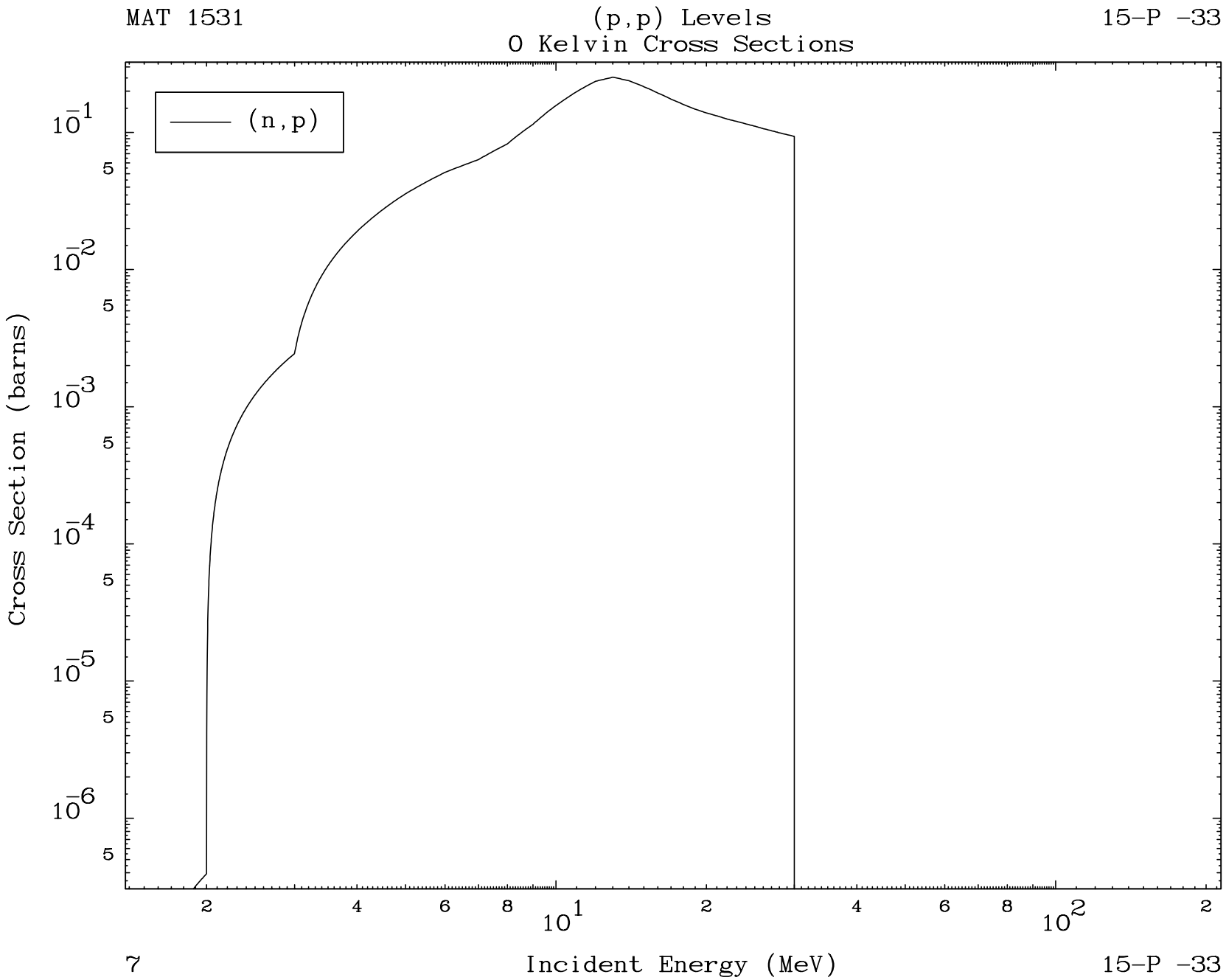

MAT 1531
Proton Neutron Absorption
0 Kelvin Cross Sections
15-P -33
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
15-P -33

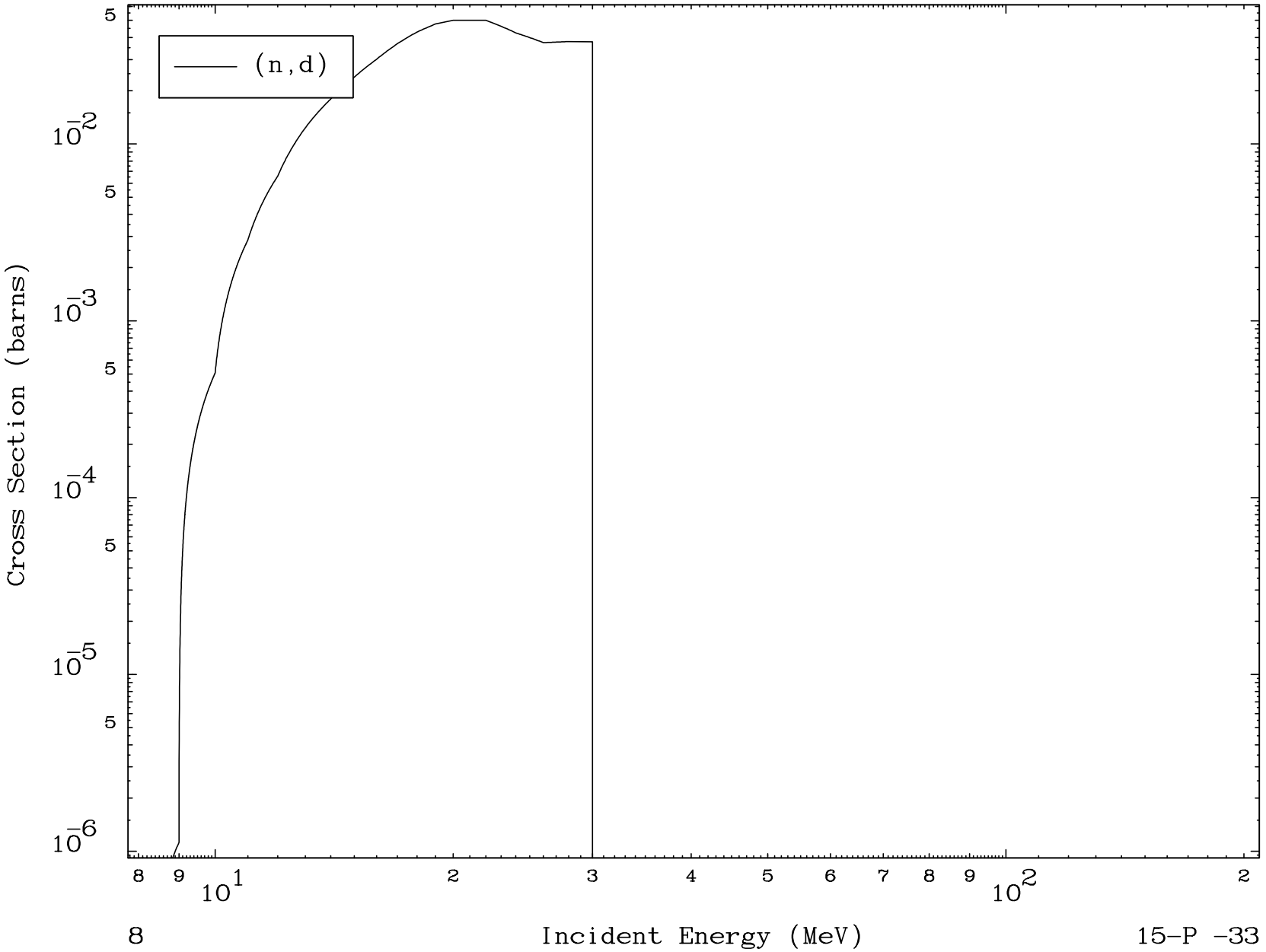

MAT 1531
Proton Neutron Absorption
0 Kelvin Cross Sections
15-P -33
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
15-P -33

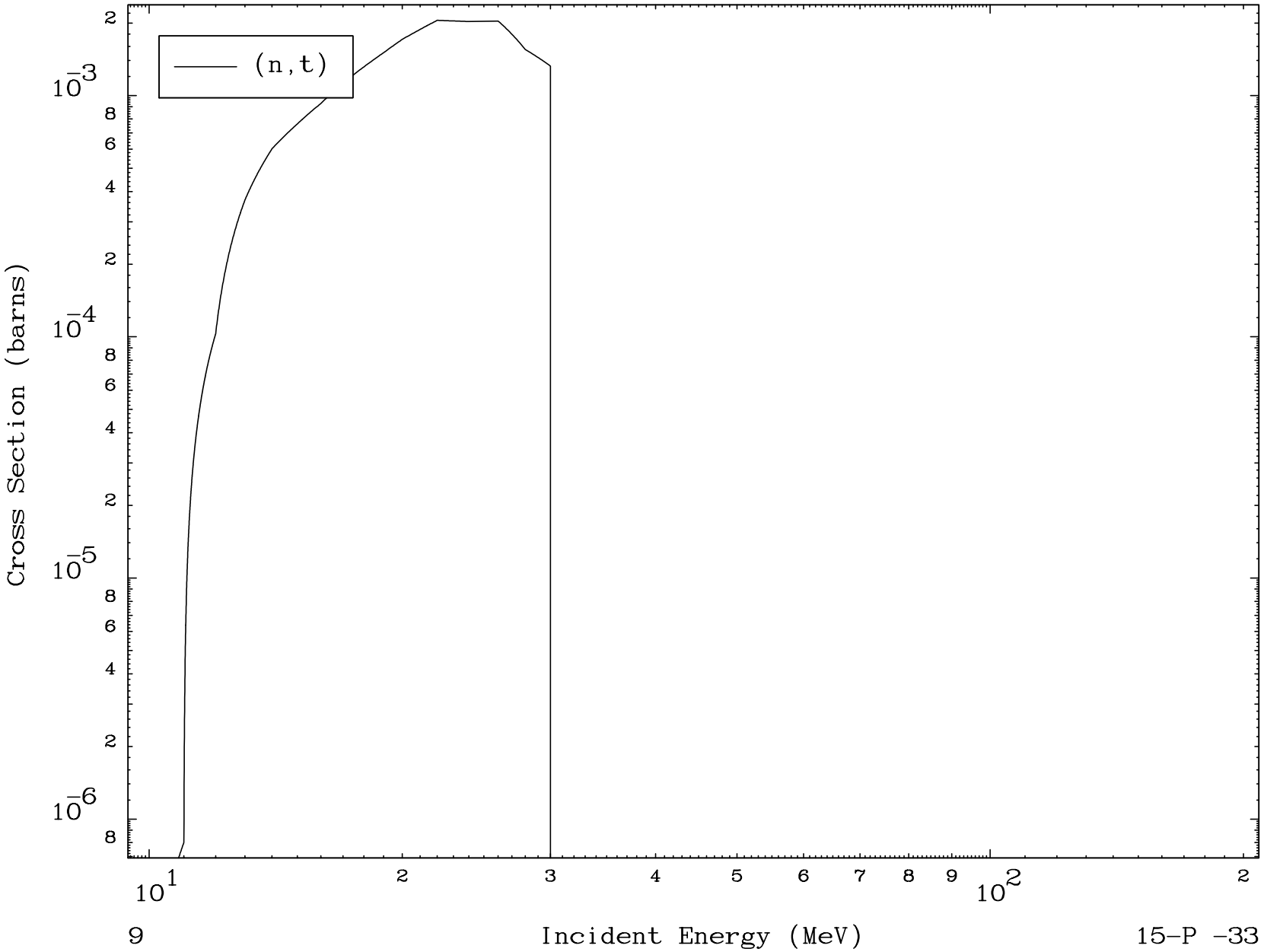

MAT 1531
Proton Neutron Absorption
0 Kelvin Cross Sections
15-P -33
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
15-P -33

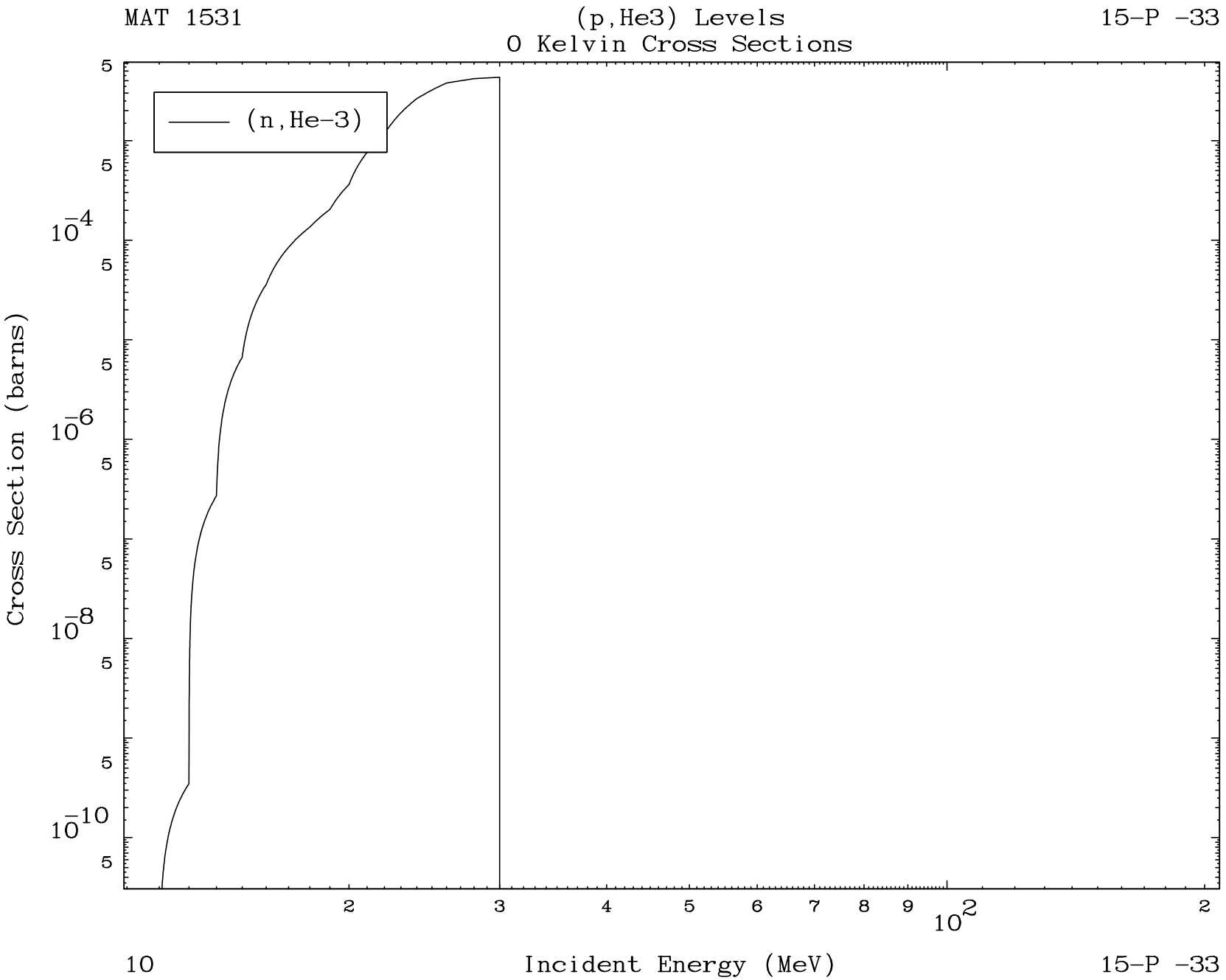

MAT 1531
Proton Charged Particle
0 Kelvin Cross Sections
15-P -33
Cross Section (barns)
Incident Energy (MeV)
15-P -33
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)

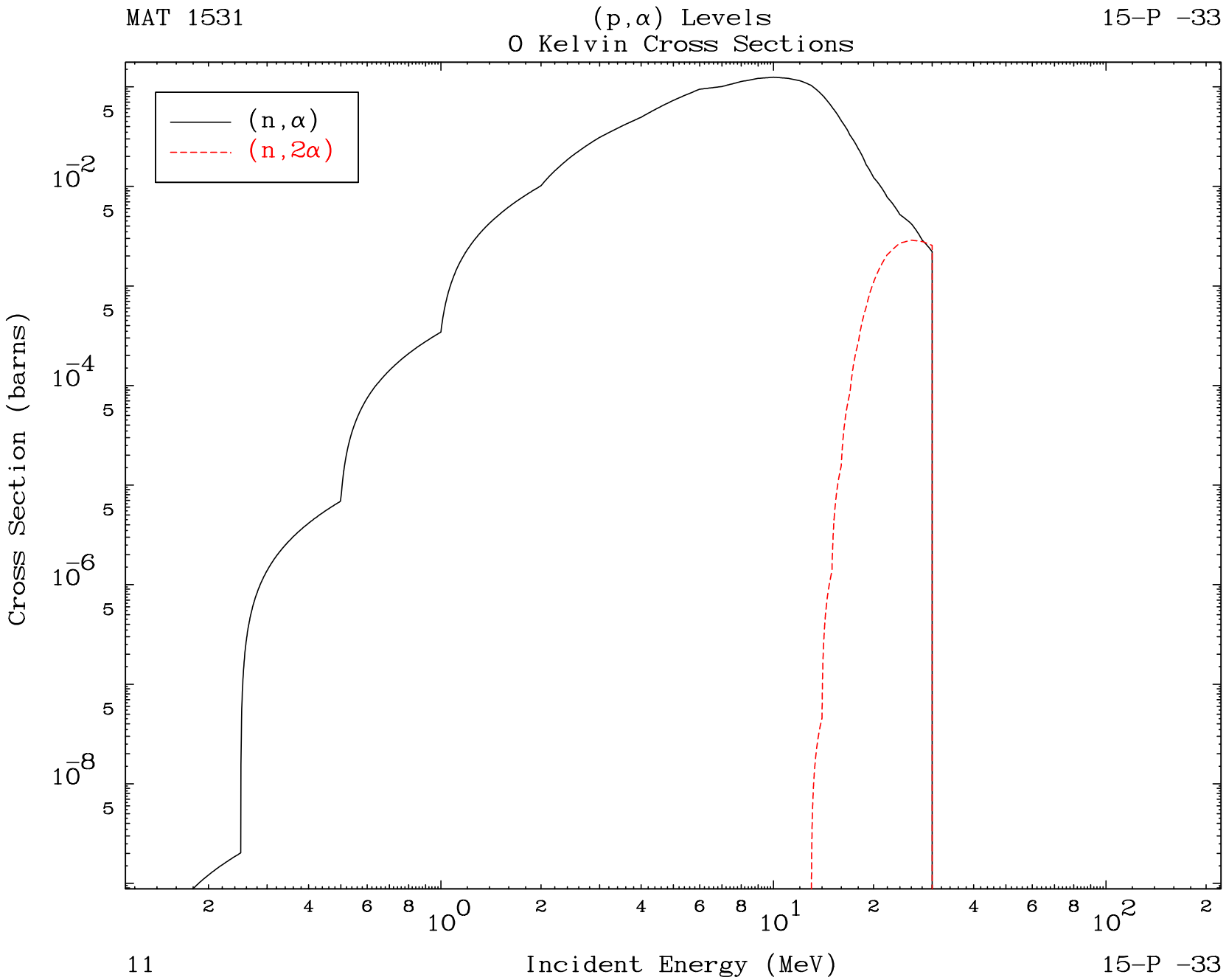

MAT 1531
Proton Charged Particle
0 Kelvin Cross Sections
15-P -33
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
6
15-P -33


MAT 1531
(p,p) Levels
15-P -33
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-1
10-2
10-3
10-4
10-5
10-6
5
2
4
6
8
10 1
10 2
Incident Energy (MeV)
7
15-P -33


0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-3
10-4
10-5
10-6
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)


0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
10^-3
10^-4
10^-5
10^-6
10^1
10^2


MAT 1531
(p,He3) Levels
15-P -33
0 Kelvin Cross Sections
(n,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)
15-P -33


MAT 1531
(p,α) Levels
15-P -33
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
11
15-P -33