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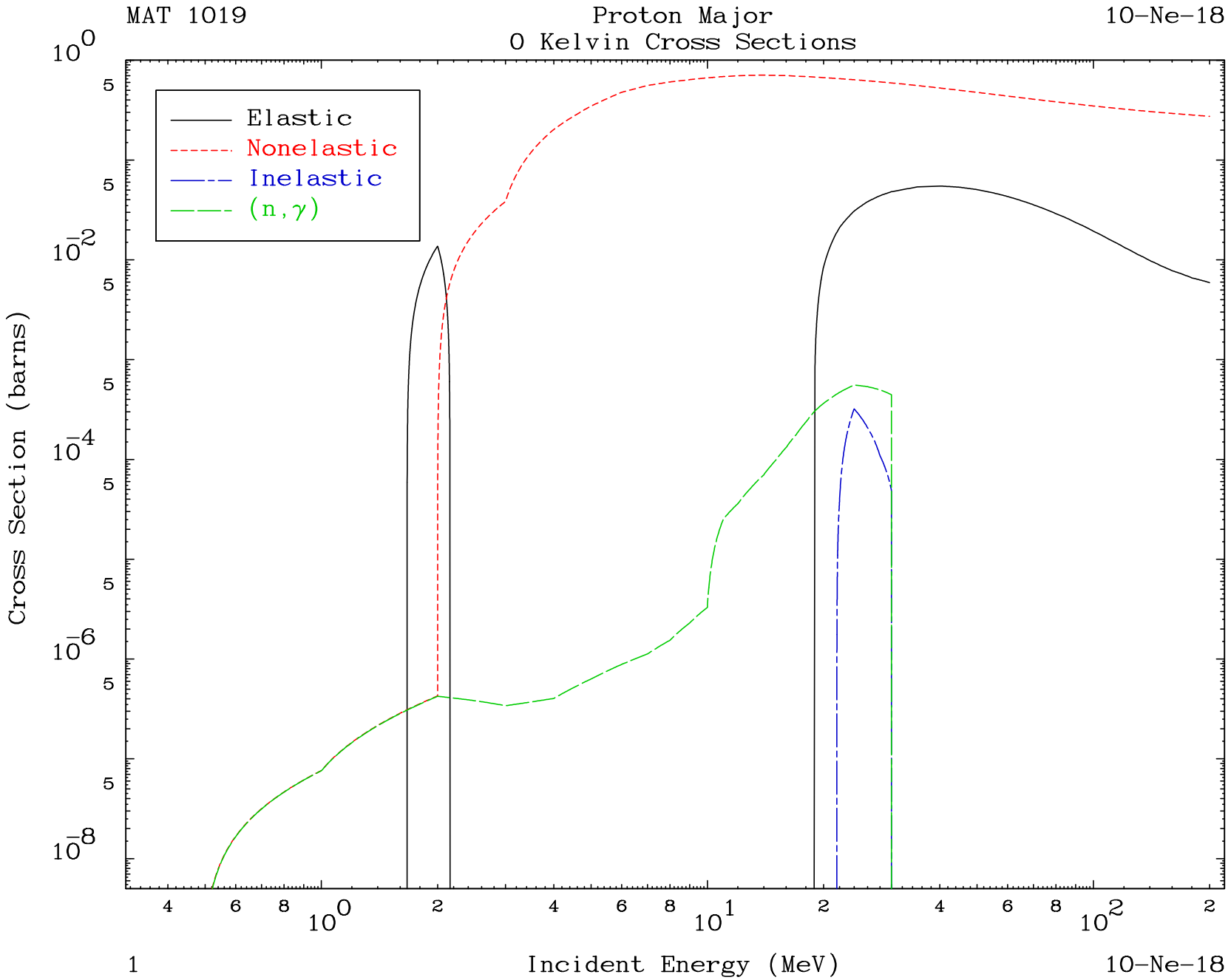
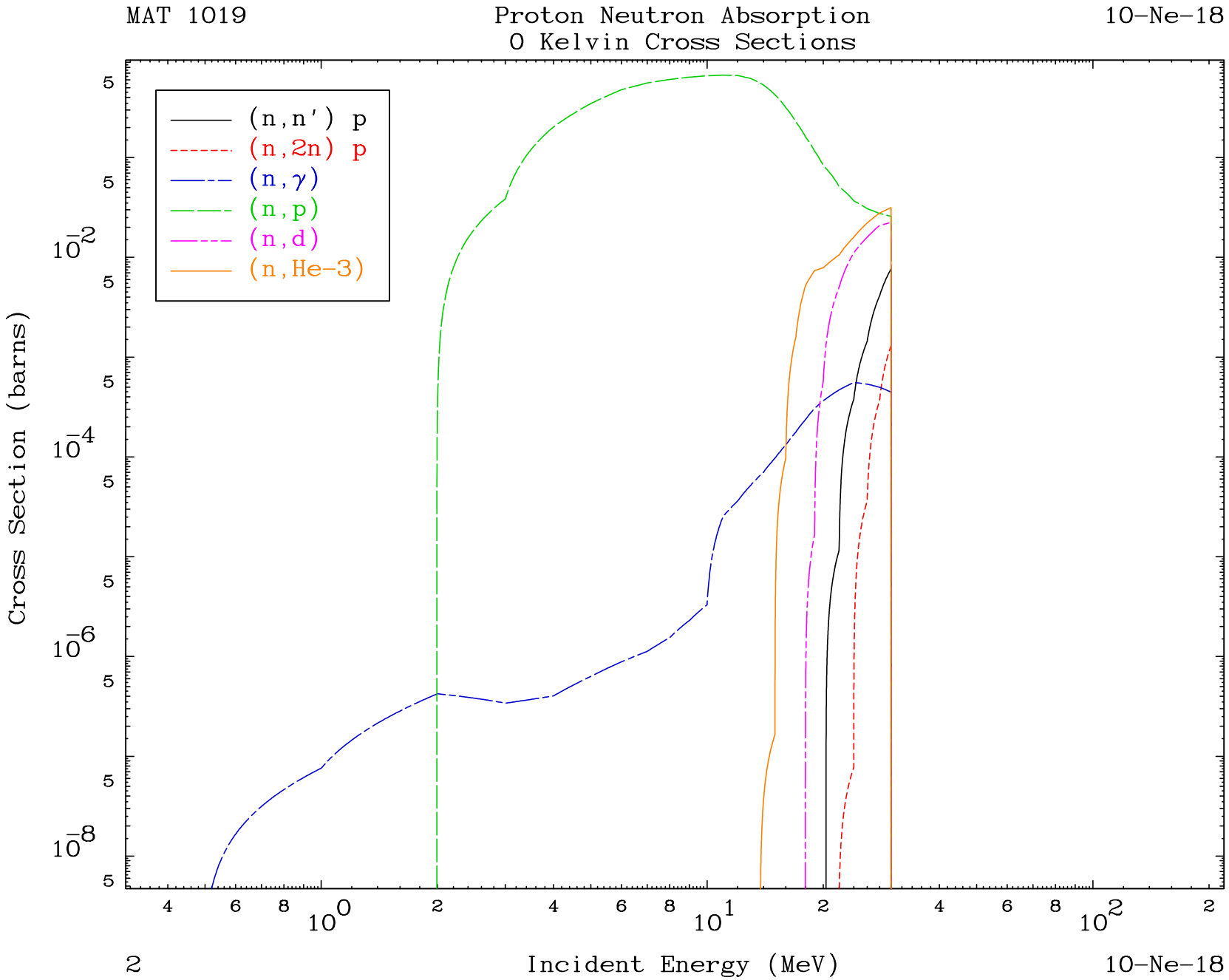
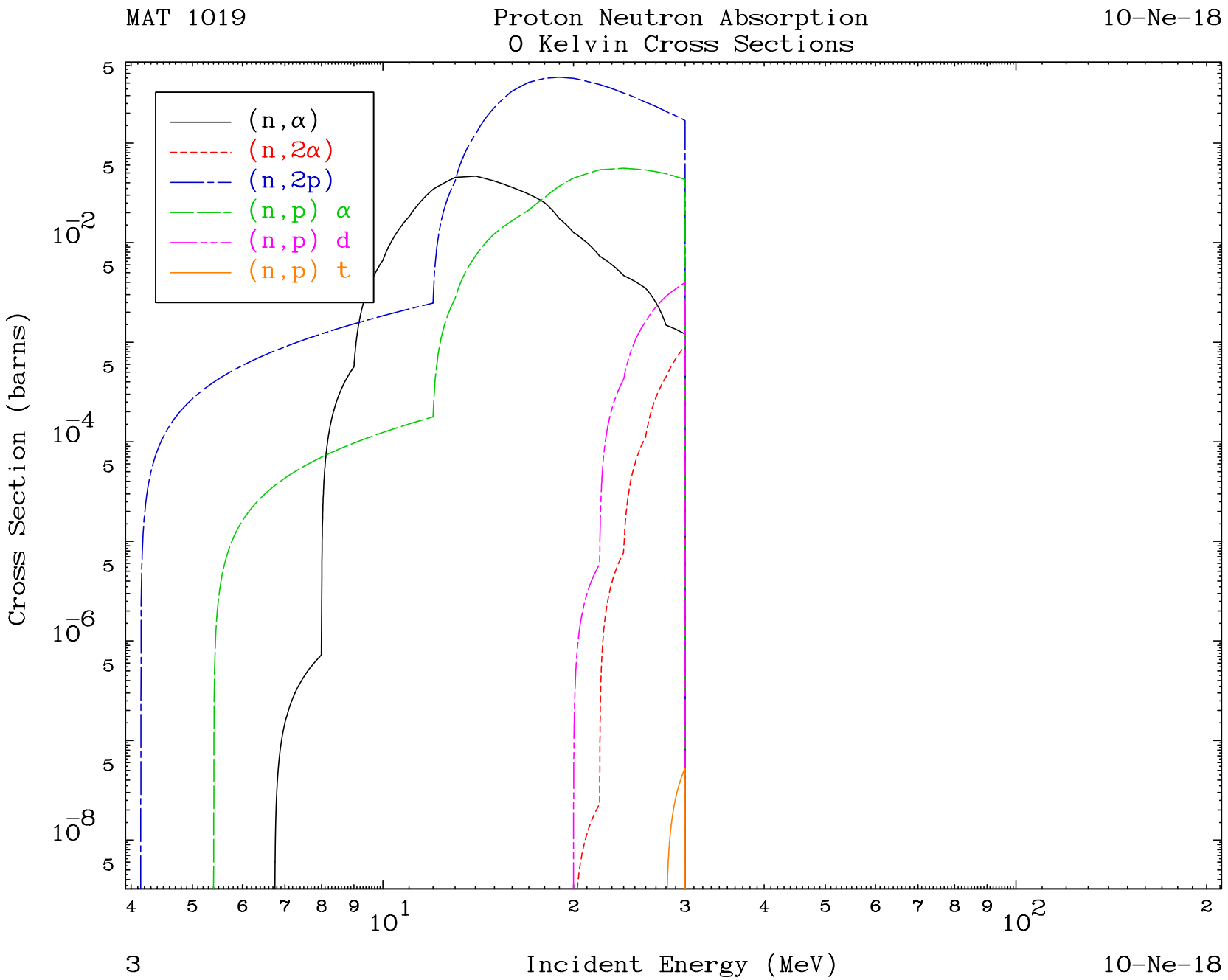
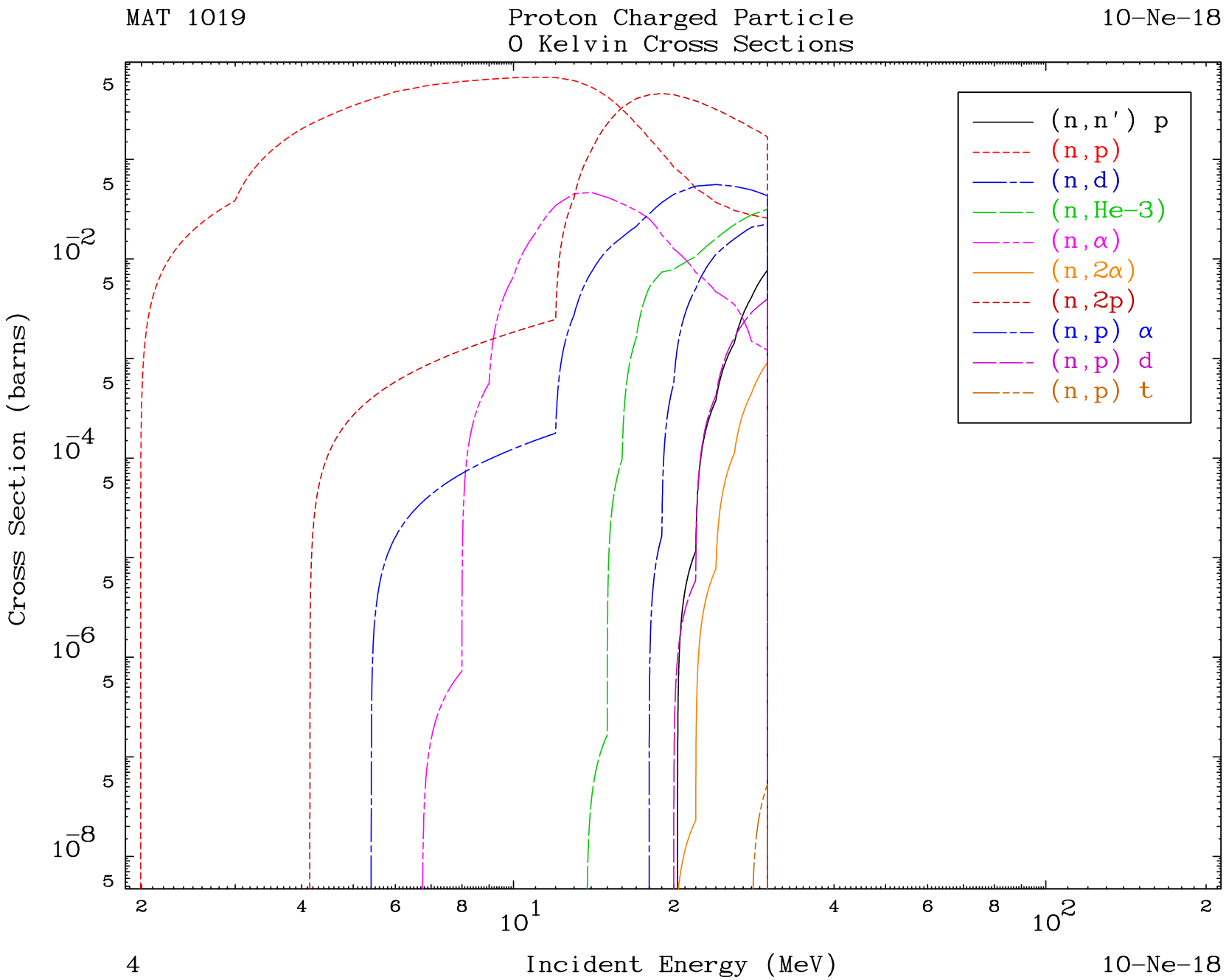
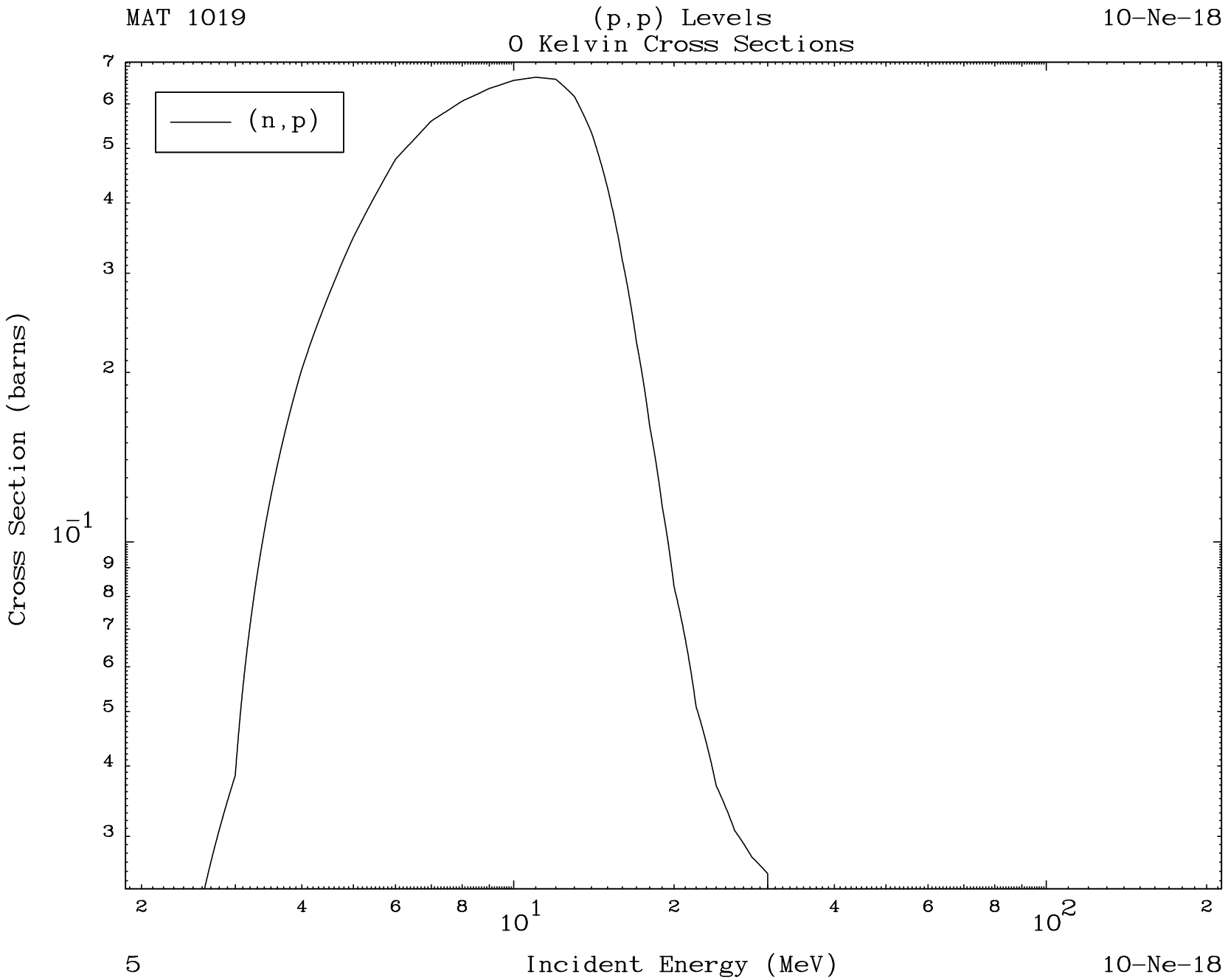
Press Mouse Button to Start

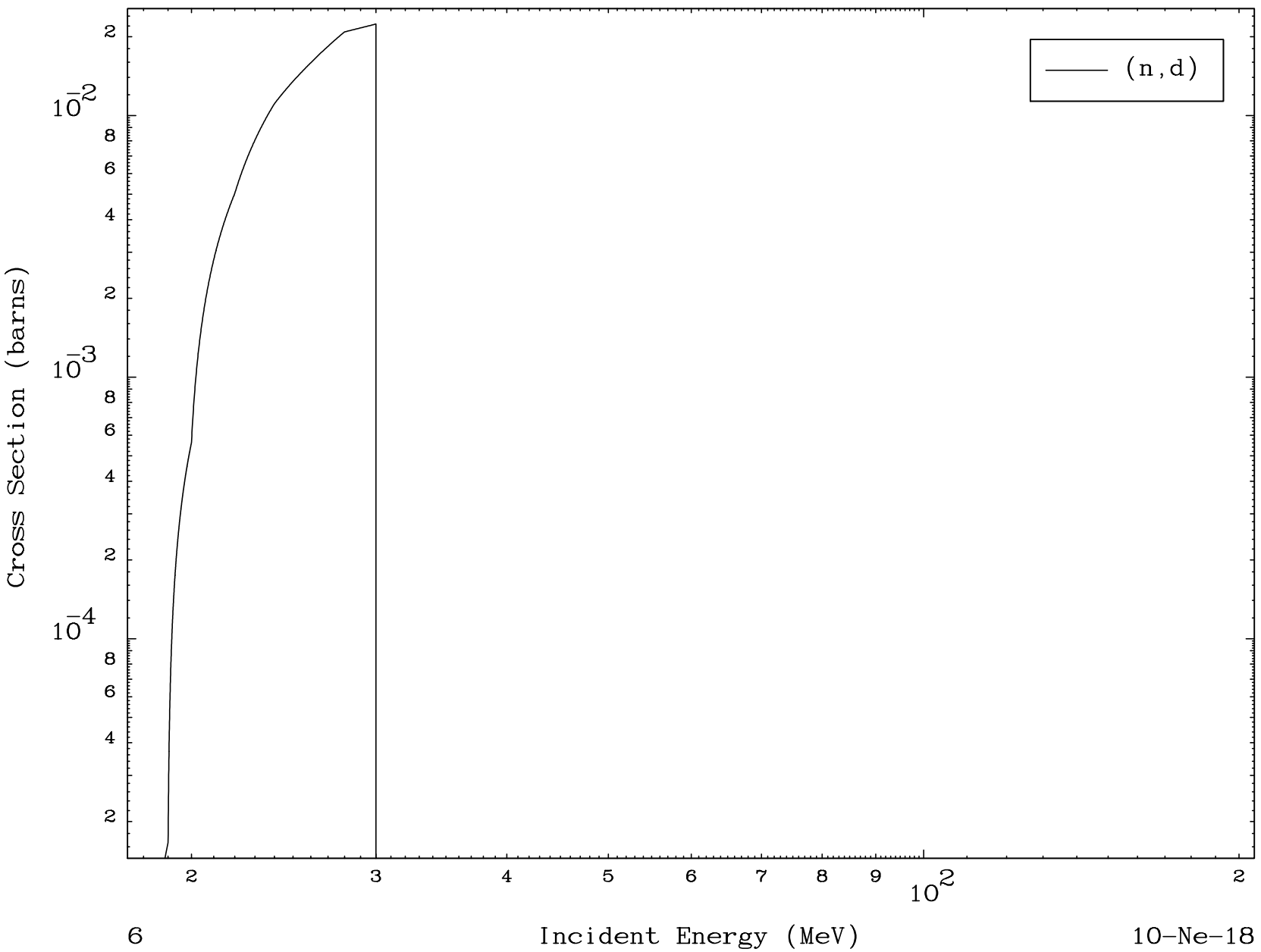

MAT 1019
Proton Major
10-Ne-18
0 Kelvin Cross Sections
Elastic
Nonelastic
Inelastic
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
10-Ne-18
1

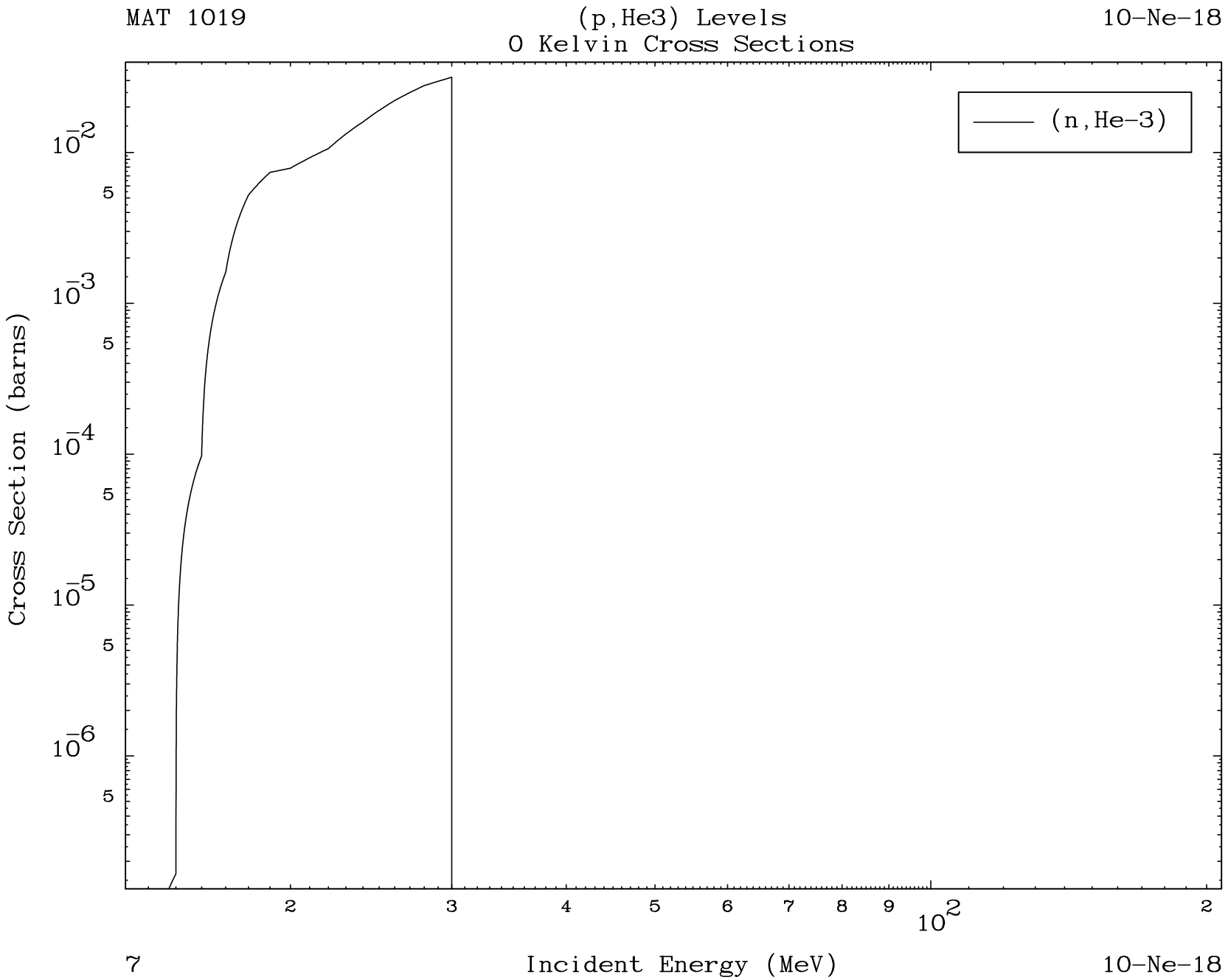

MAT 1019
Proton Neutron Absorption
0 Kelvin Cross Sections
10-Ne-18
(n,n') p
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
2
10-Ne-18

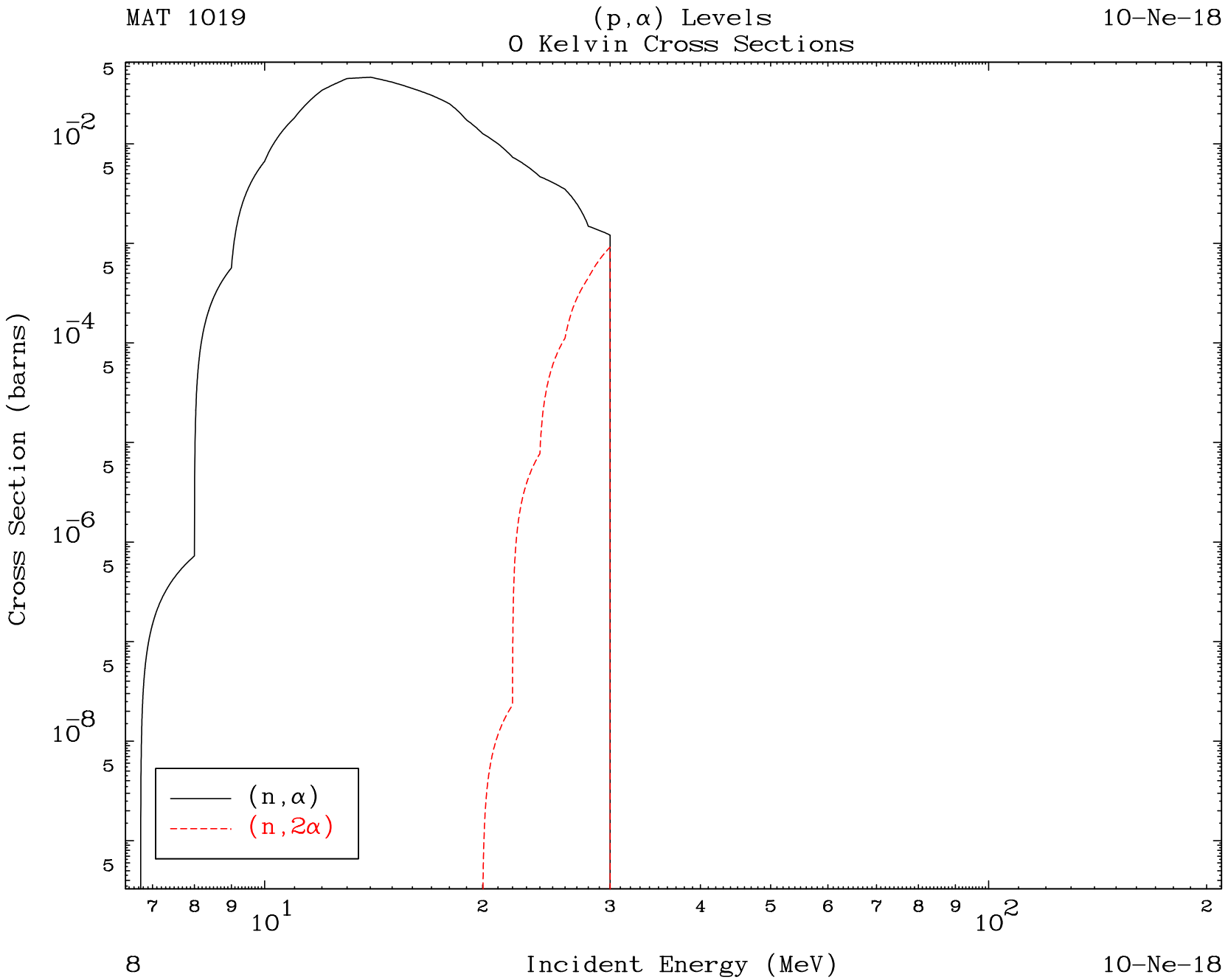

MAT 1019
Proton Neutron Absorption
0 Kelvin Cross Sections
10-Ne-18
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
3
10-Ne-18

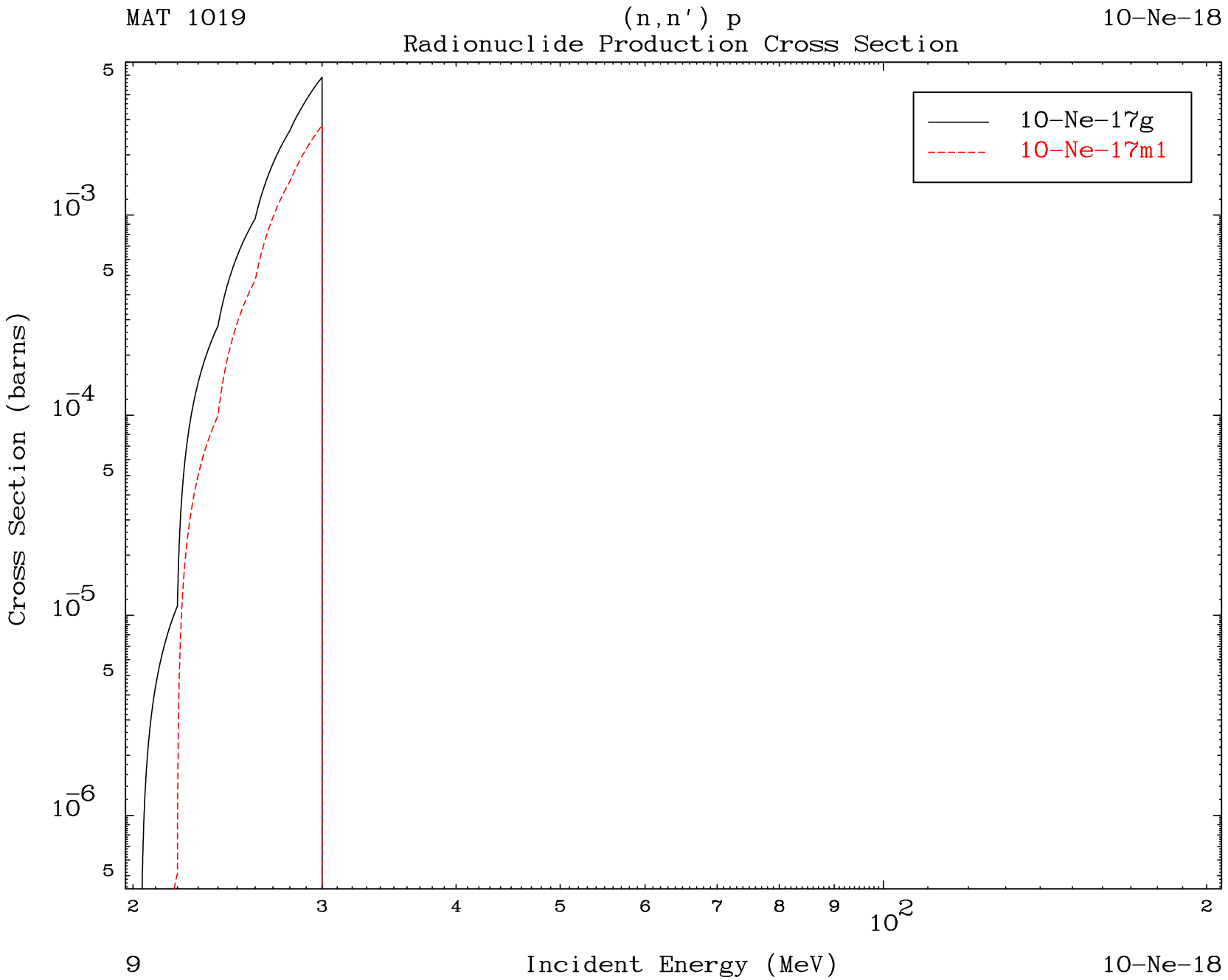

MAT 1019
Proton Charged Particle
0 Kelvin Cross Sections
10-Ne-18
Cross Section (barns)
Incident Energy (MeV)
(n,n') p
(n,p)
(n,d)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
4
10-Ne-18

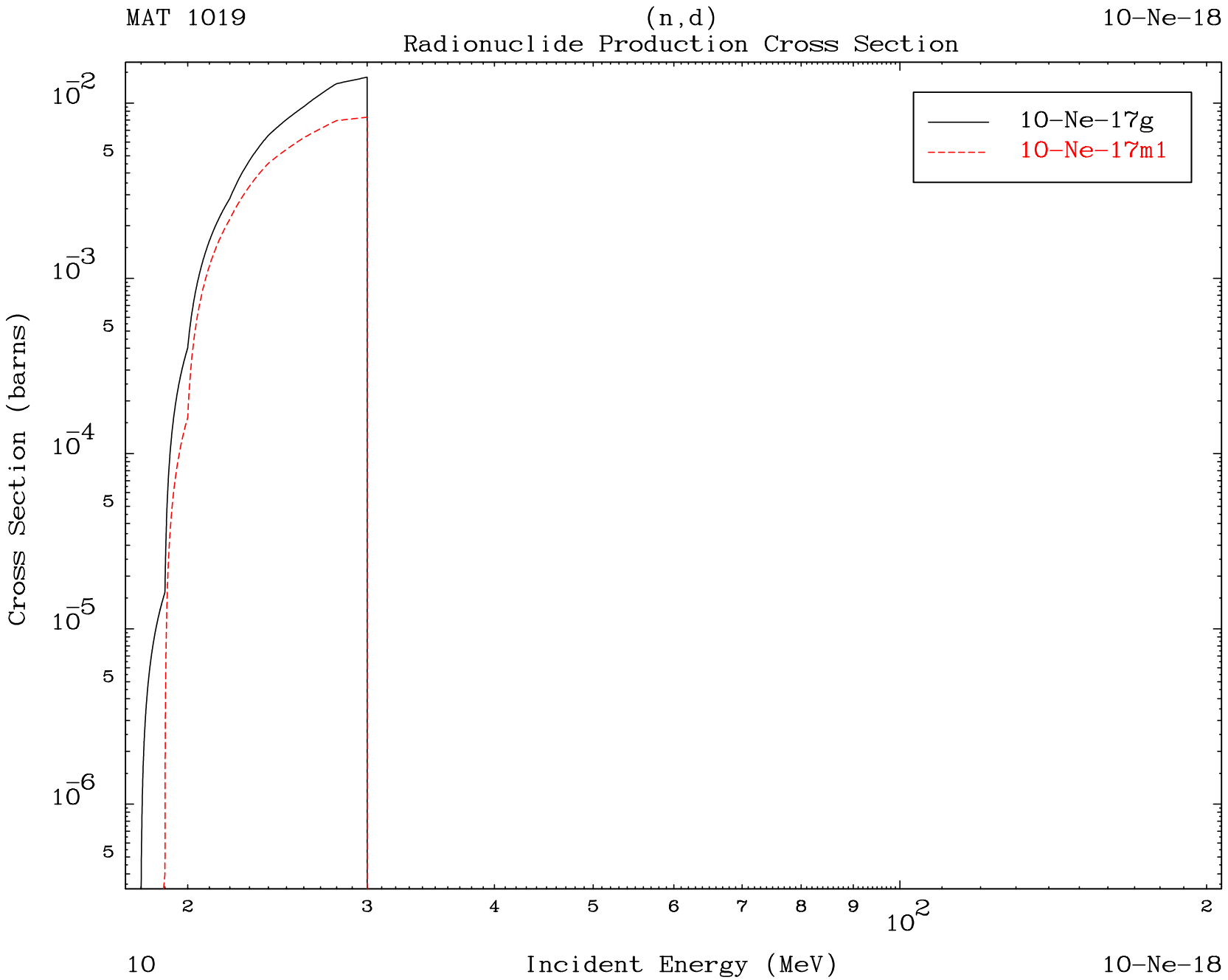

MAT 1019
(p,p) Levels
10-Ne-18
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
5
10-Ne-18


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


MAT 1019
(p,He3) Levels
10-Ne-18
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-2
5
10-3
5
10-4
5
10-5
5
10-6
5
2
3
4
5
6
7
8
9
10 2
2
7
Incident Energy (MeV)
10-Ne-18


MAT 1019
(p,α) Levels
10-Ne-18
0 Kelvin Cross Sections
Cross Section (barns)
10-2
10-4
10-6
10-8
(n,α)
(n,2α)
Incident Energy (MeV)
10-Ne-18
8


MAT 1019
(n,n') p
10-Ne-18
Radionuclide Production Cross Section
10-Ne-17g
10-Ne-17m1
Cross Section (barns)
Incident Energy (MeV)
10-Ne-18


MAT 1019
(n,d)
10-Ne-18
Radionuclide Production Cross Section
10-Ne-17g
10-Ne-17m1
Cross Section (barns)
Incident Energy (MeV)
10-Ne-18