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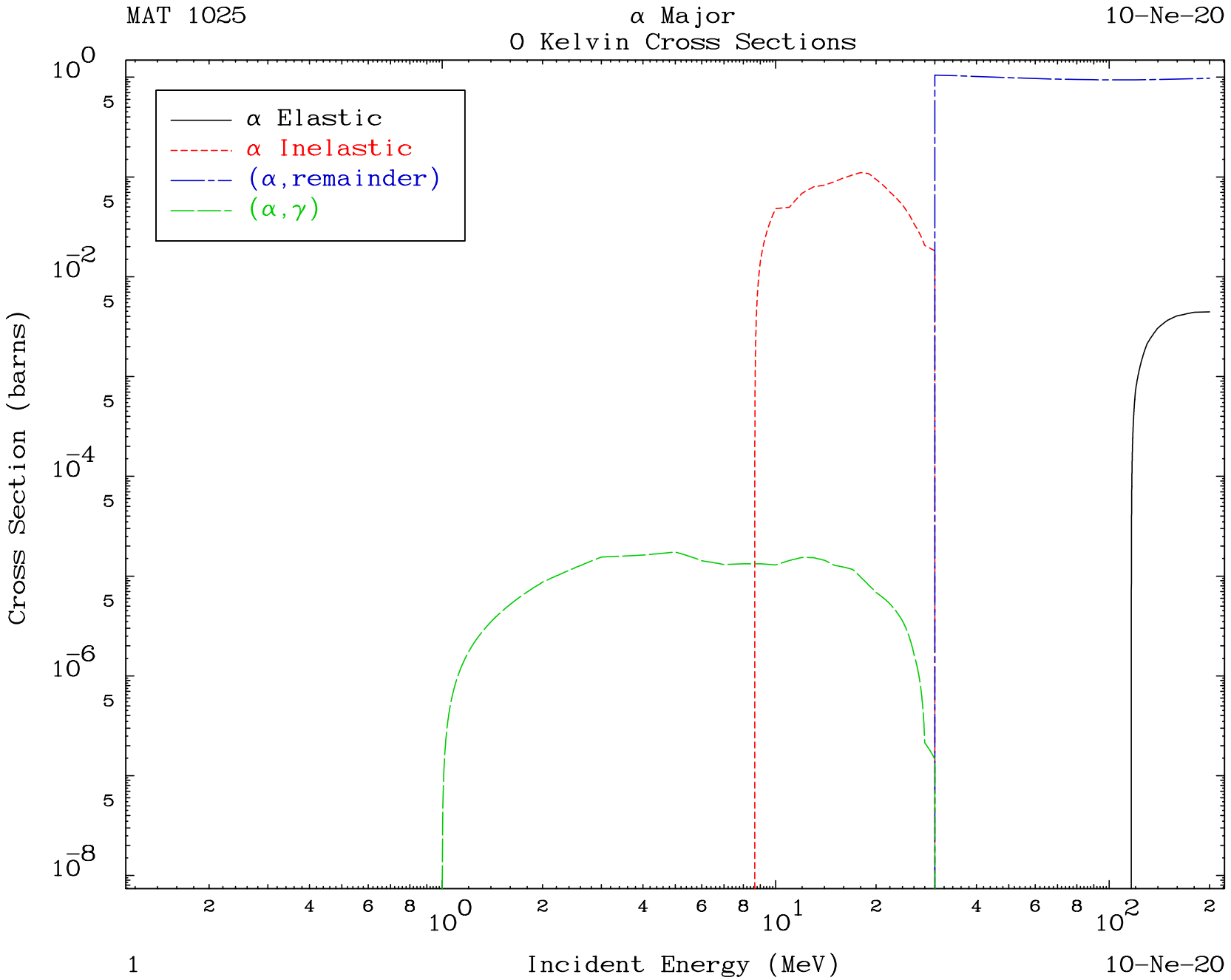
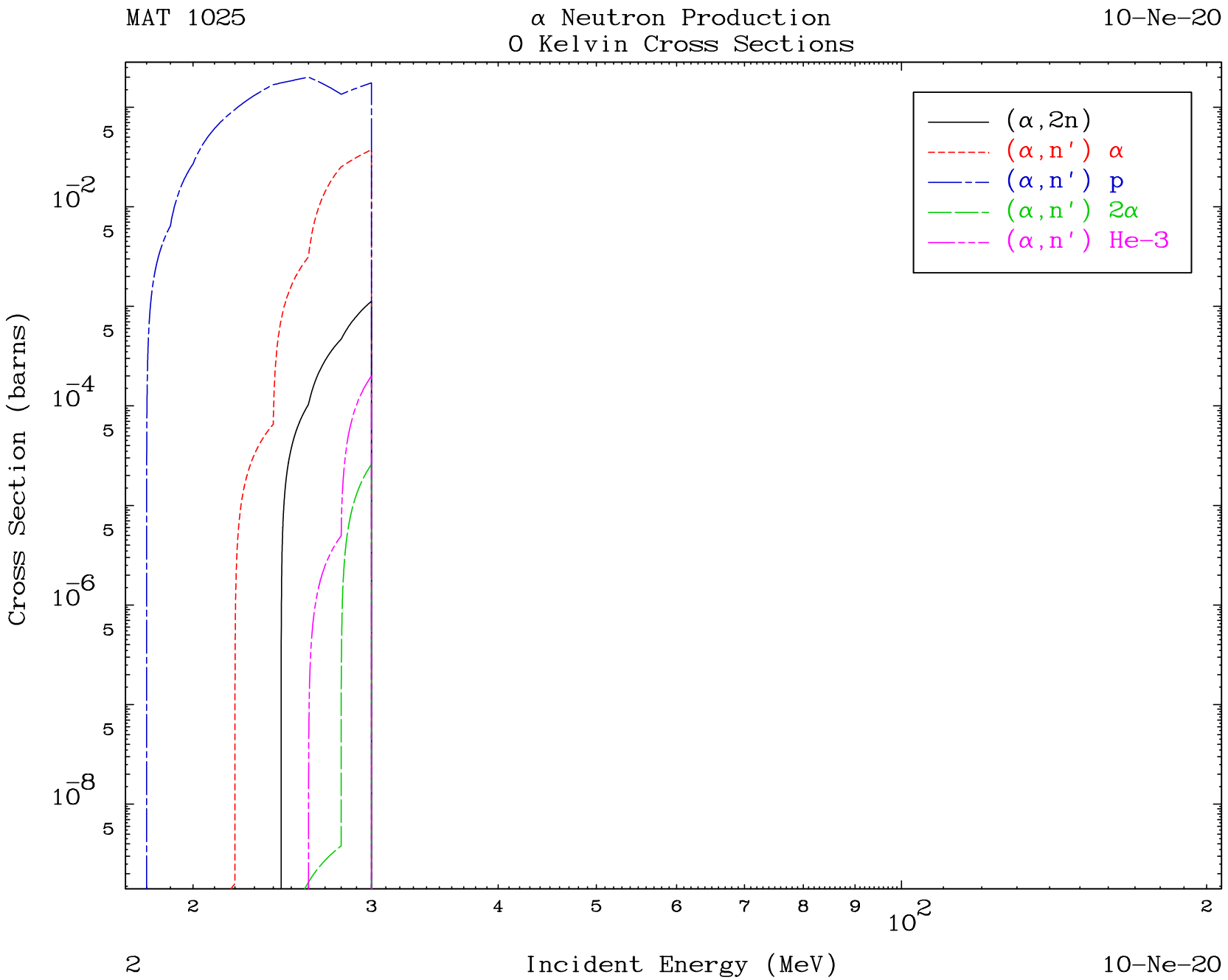
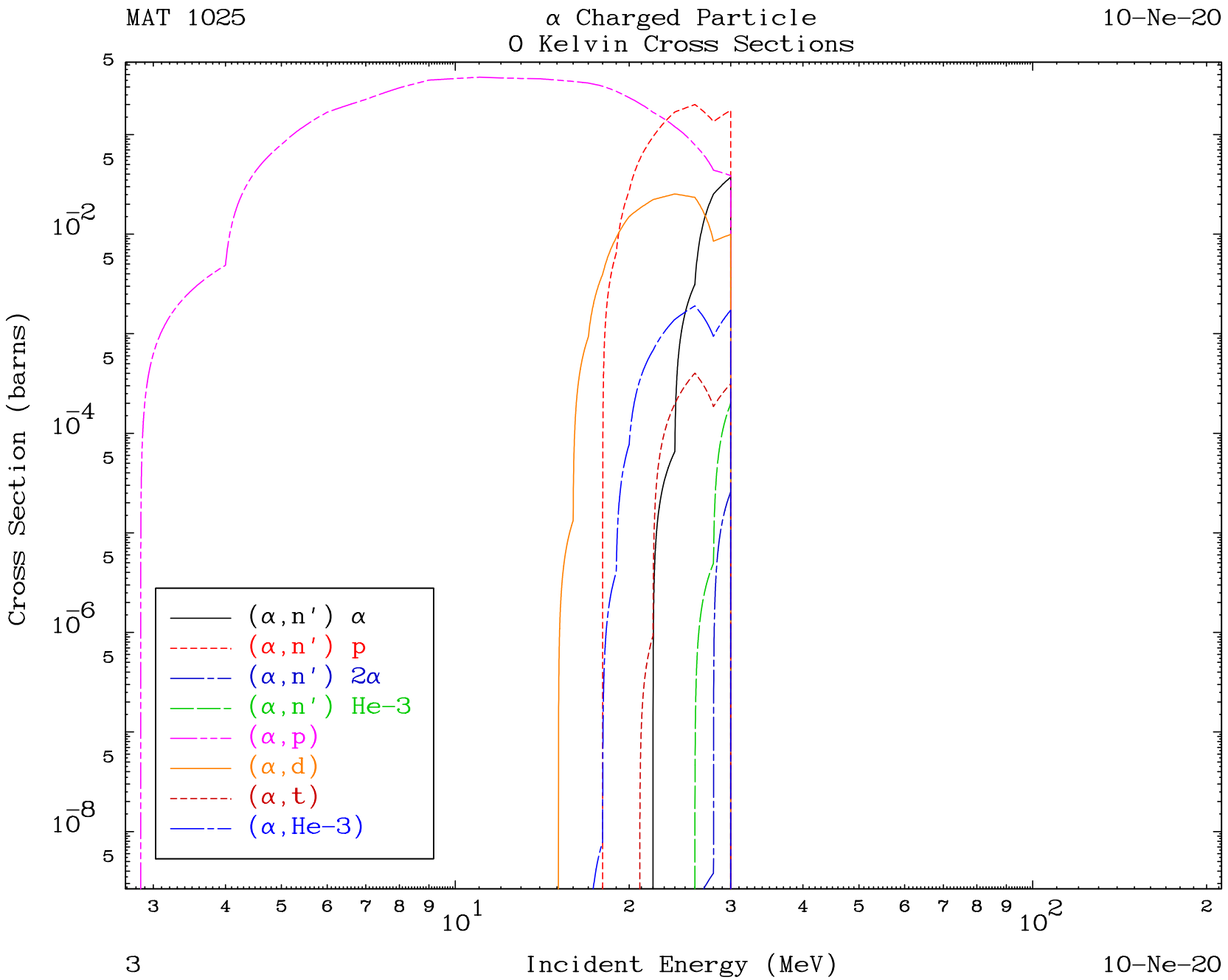
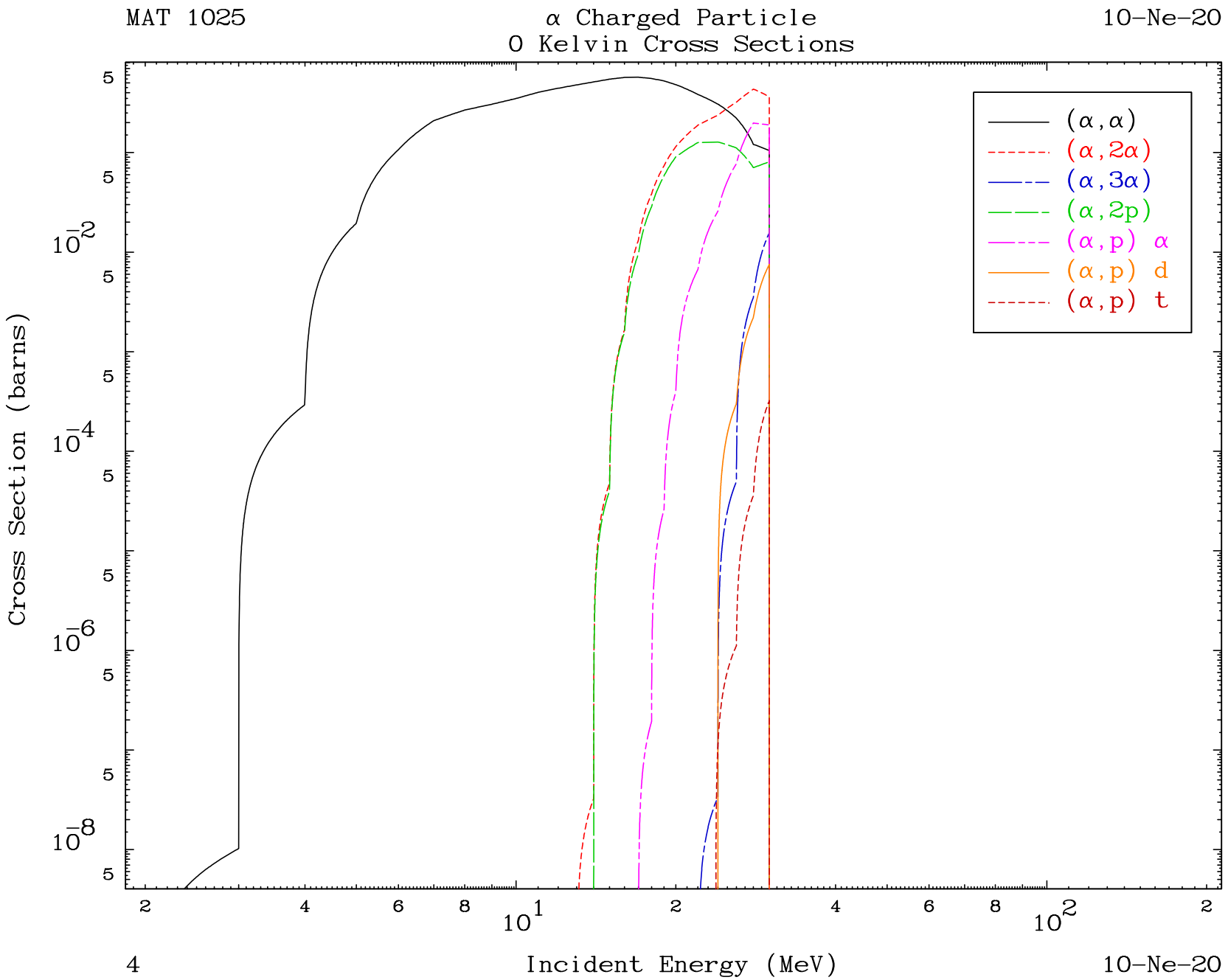
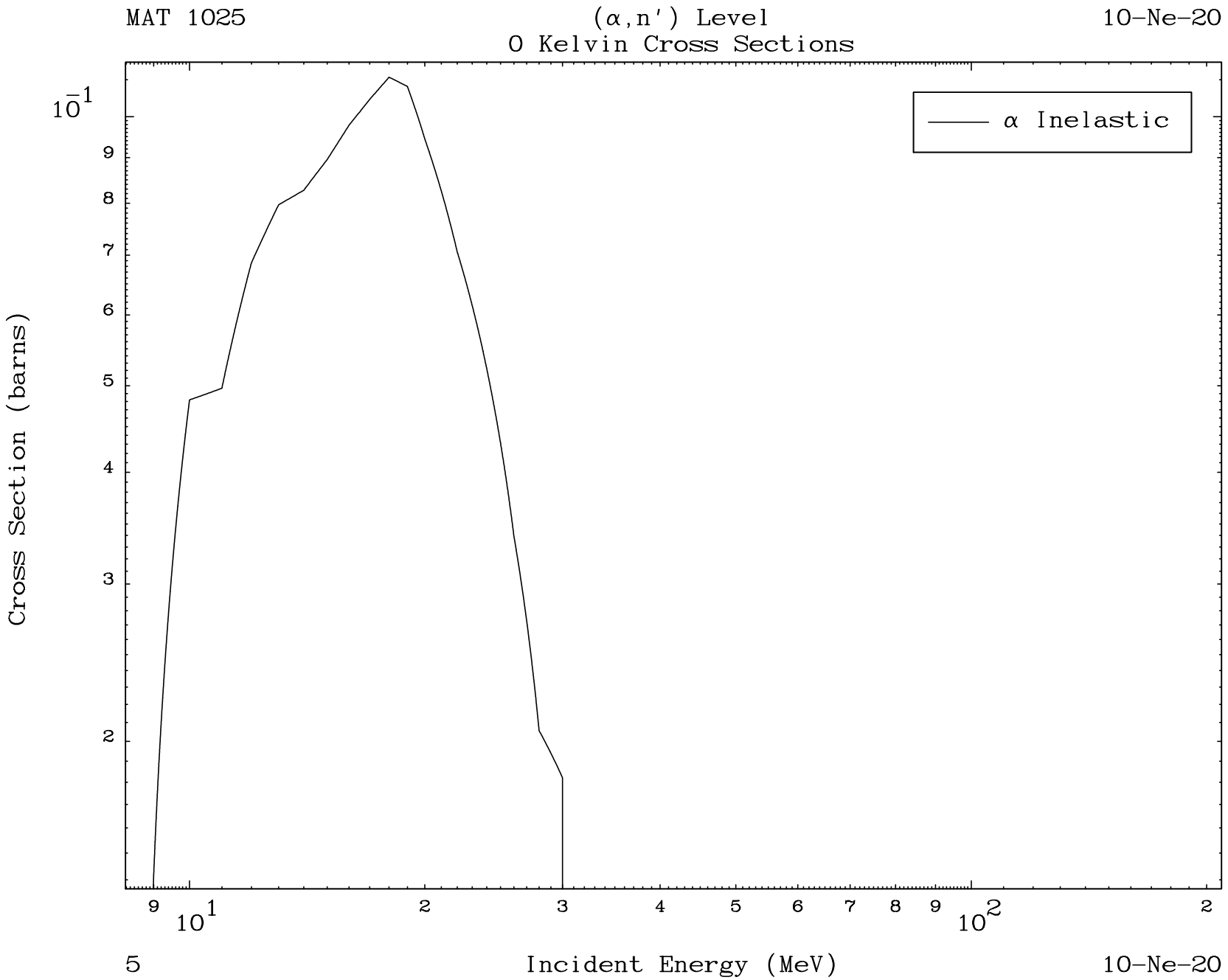
Press Mouse Button to Start

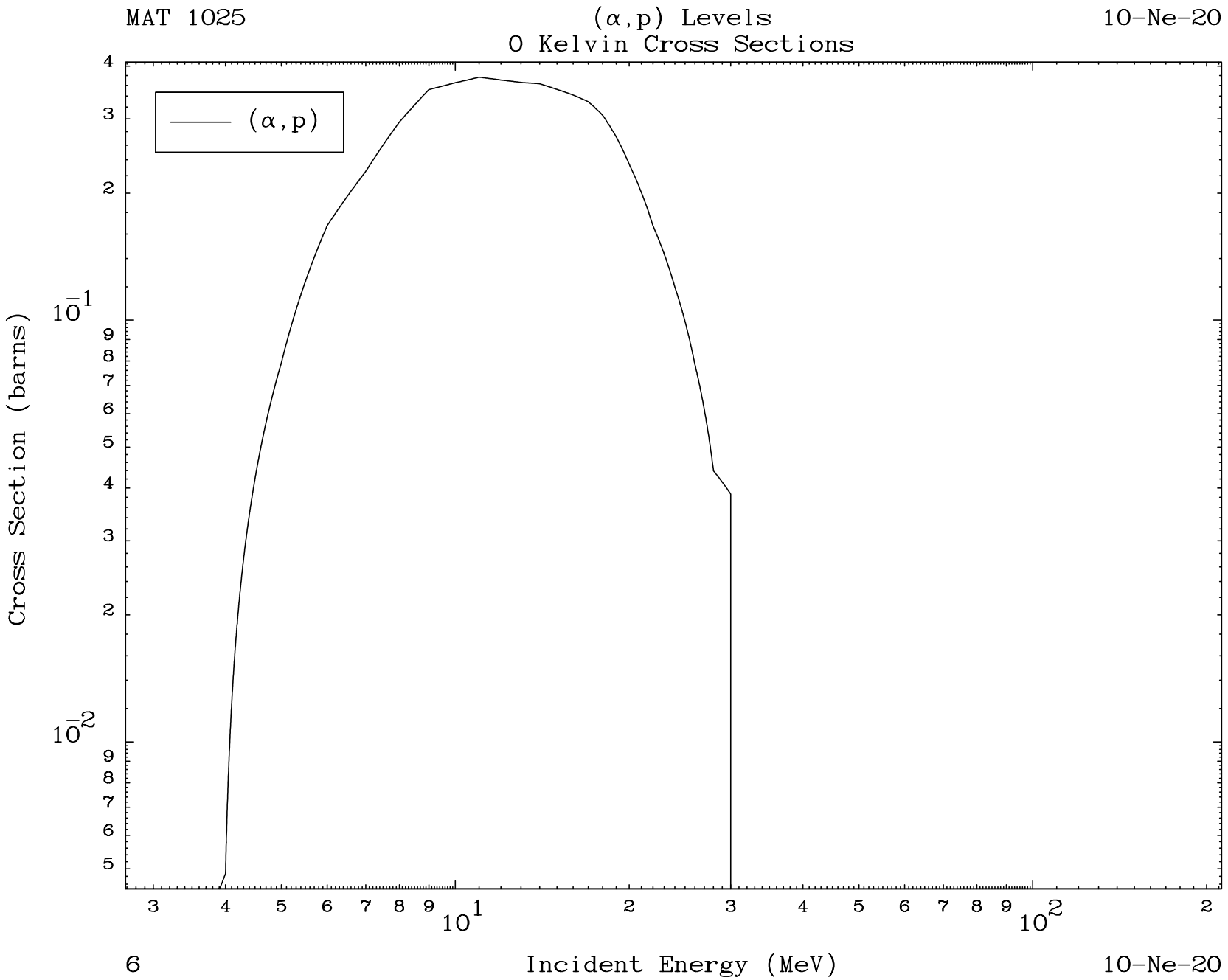

MAT 1025
α Major
10-Ne-20
0 Kelvin Cross Sections
α Elastic
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
10-Ne-20

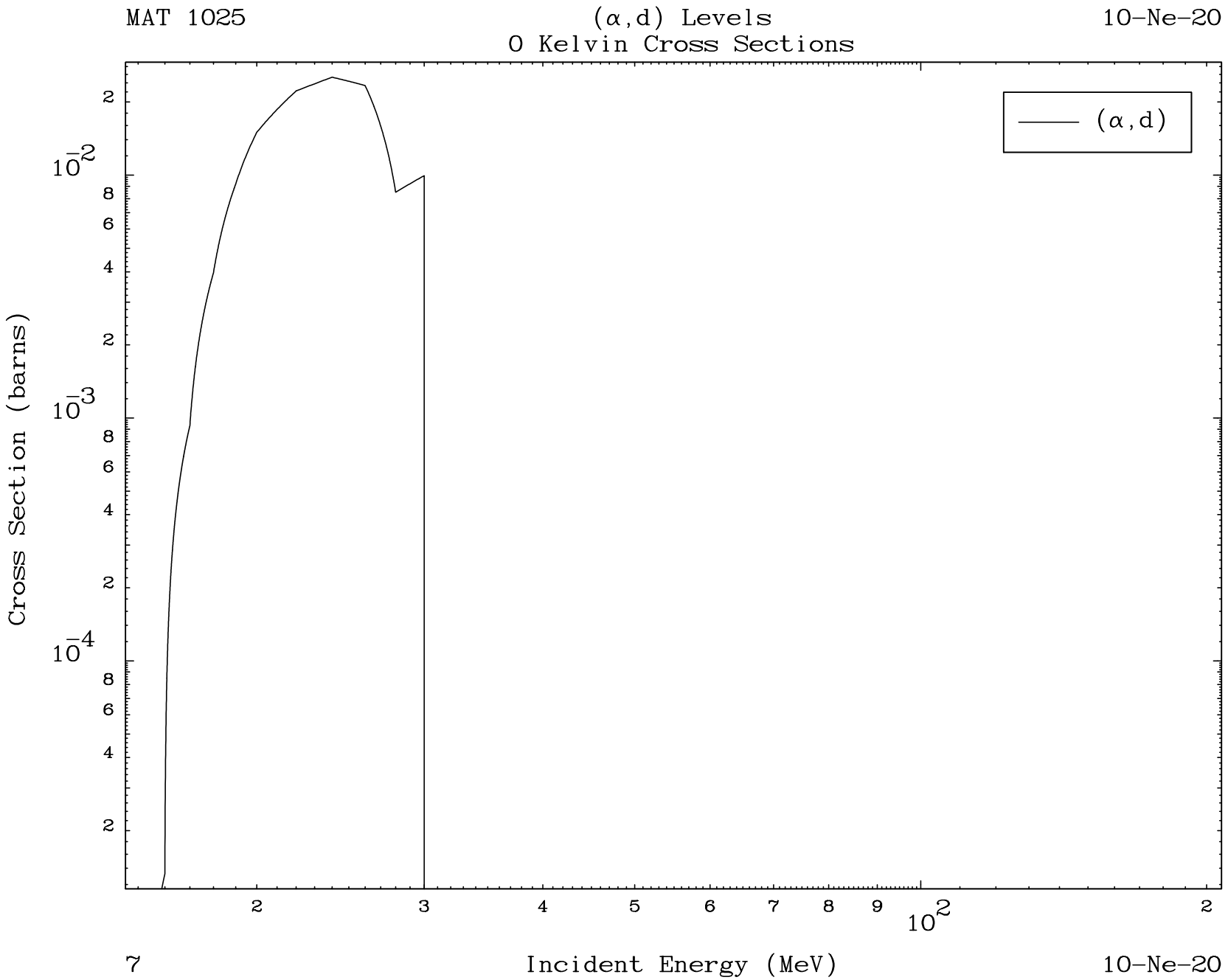

MAT 1025
α Neutron Production
0 Kelvin Cross Sections
10-Ne-20
(α,2n)
(α,n') α
(α,n') p
(α,n') 2α
(α,n') He-3
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
2
10-Ne-20

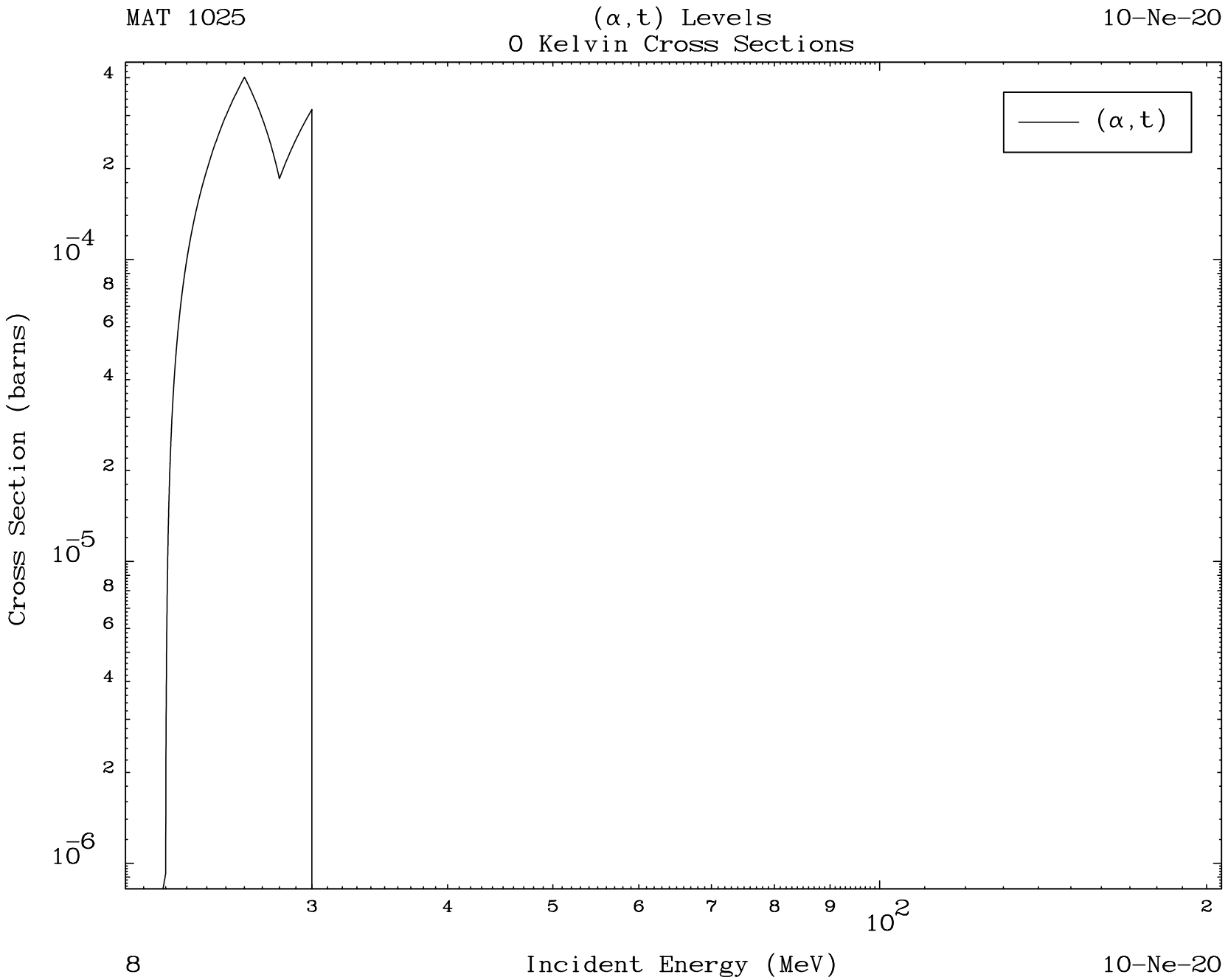

MAT 1025
α Charged Particle
0 Kelvin Cross Sections
10-Ne-20
Cross Section (barns)
Incident Energy (MeV)
3
10-Ne-20
(α,n') α
(α,n') p
(α,n') 2α
(α,n') He-3
(α,p)
(α,d)
(α,t)
(α,He-3)

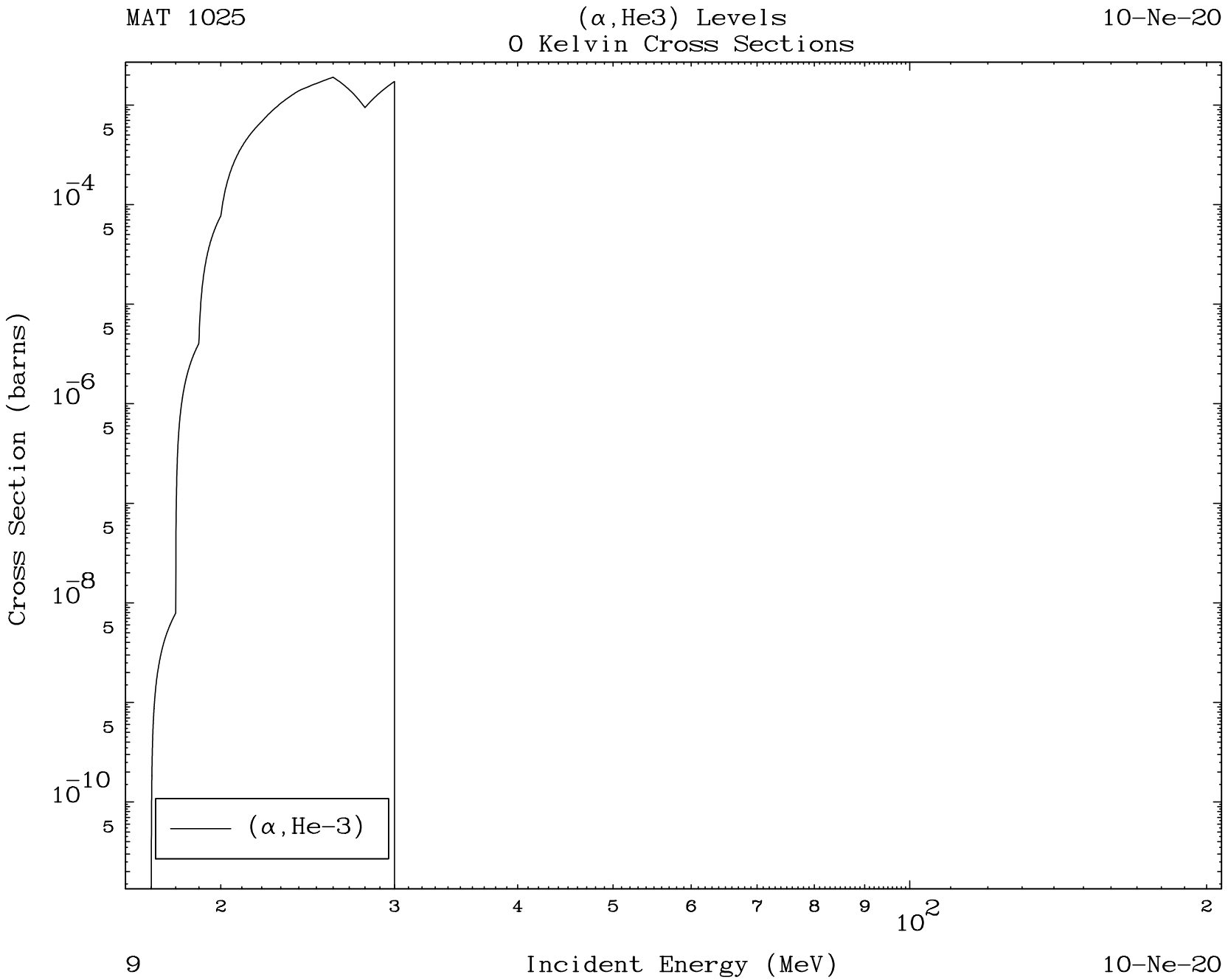

MAT 1025
α Charged Particle
0 Kelvin Cross Sections
10-Ne-20
Cross Section (barns)
Incident Energy (MeV)
(α,α)
(α,2α)
(α,3α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
4
10-Ne-20

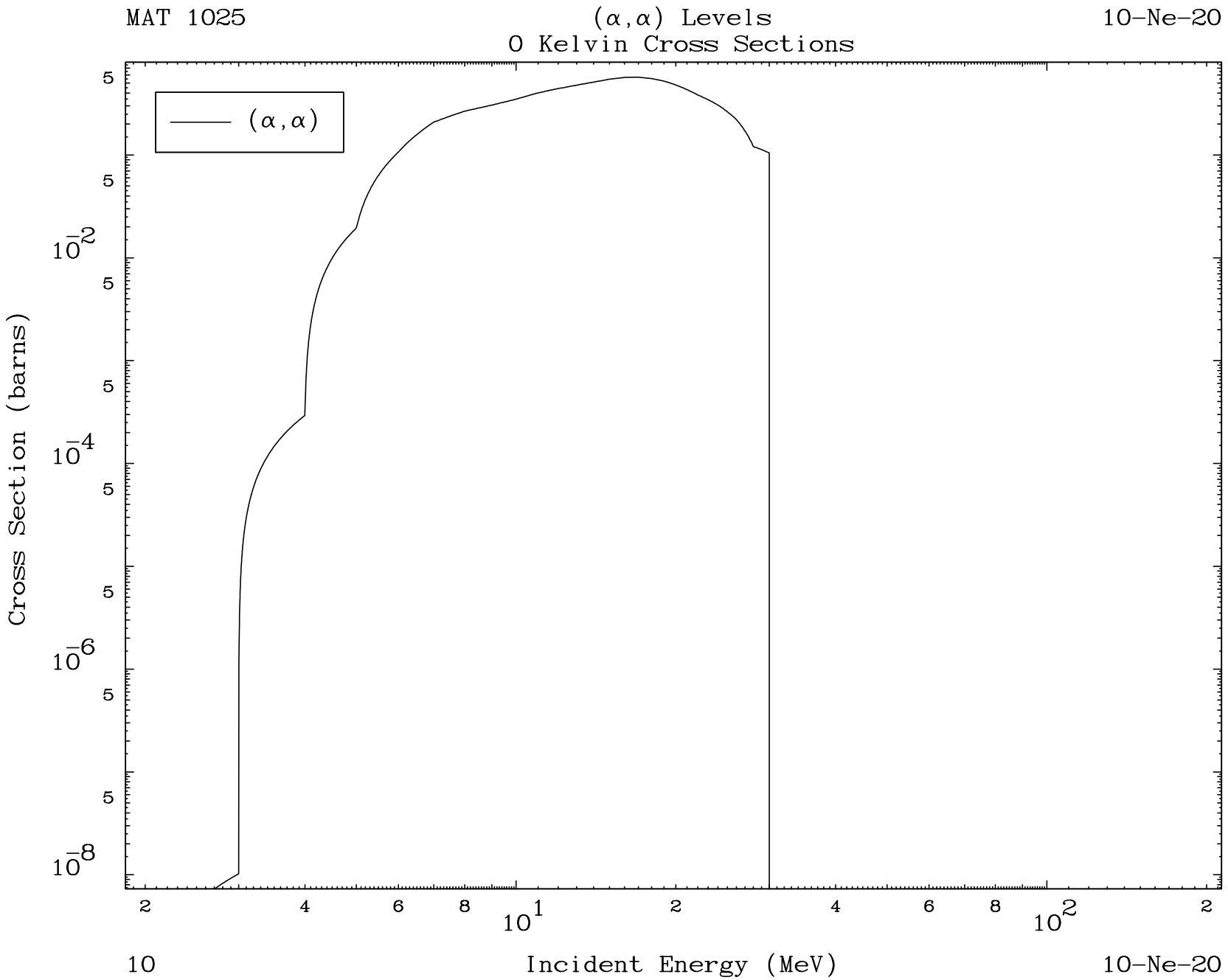

MAT 1025
(α,n') Level
10-Ne-20
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
Incident Energy (MeV)
5
10-Ne-20


MAT 1025
(α,p) Levels
10-Ne-20
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
6
10-Ne-20


MAT 1025
(α,d) Levels
10-Ne-20
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10-2
10-3
10-4
2
8
6
4
2
8
6
4
2
8
6
4
2
2
3
4
5
6
7
8
9
10 2
2
7
Incident Energy (MeV)
10-Ne-20


MAT 1025
(α,t) Levels
10-Ne-20
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-4
10^-5
10^-6
4
2
8
6
4
2
8
6
4
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
8
10-Ne-20


MAT 1025
(α,He3) Levels
10-Ne-20
0 Kelvin Cross Sections
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
(α,He-3)
2
3
4
5
6
7
8
9
10^2
2
9
Incident Energy (MeV)
10-Ne-20


MAT 1025
(α,α) Levels
10-Ne-20
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
10-Ne-20