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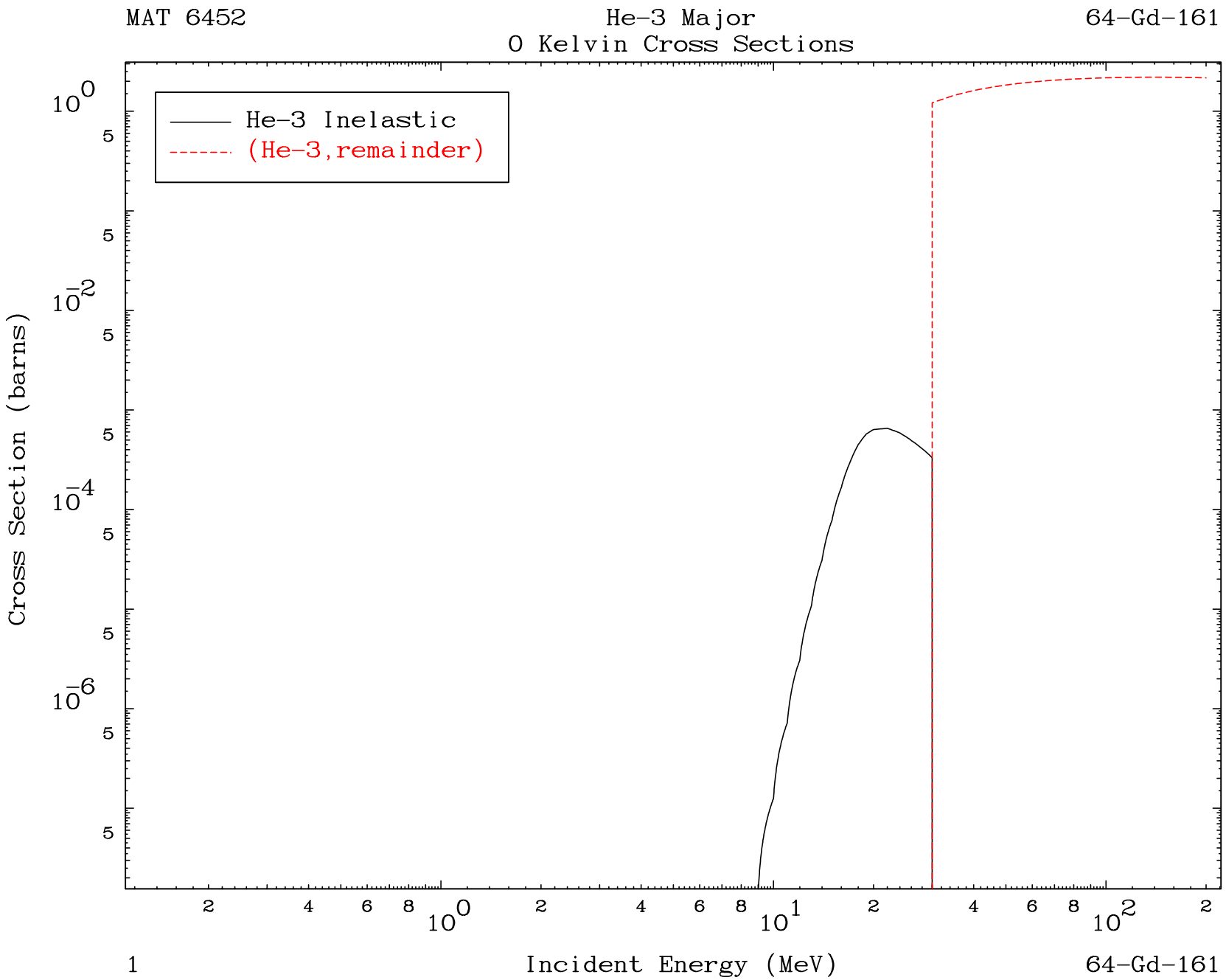
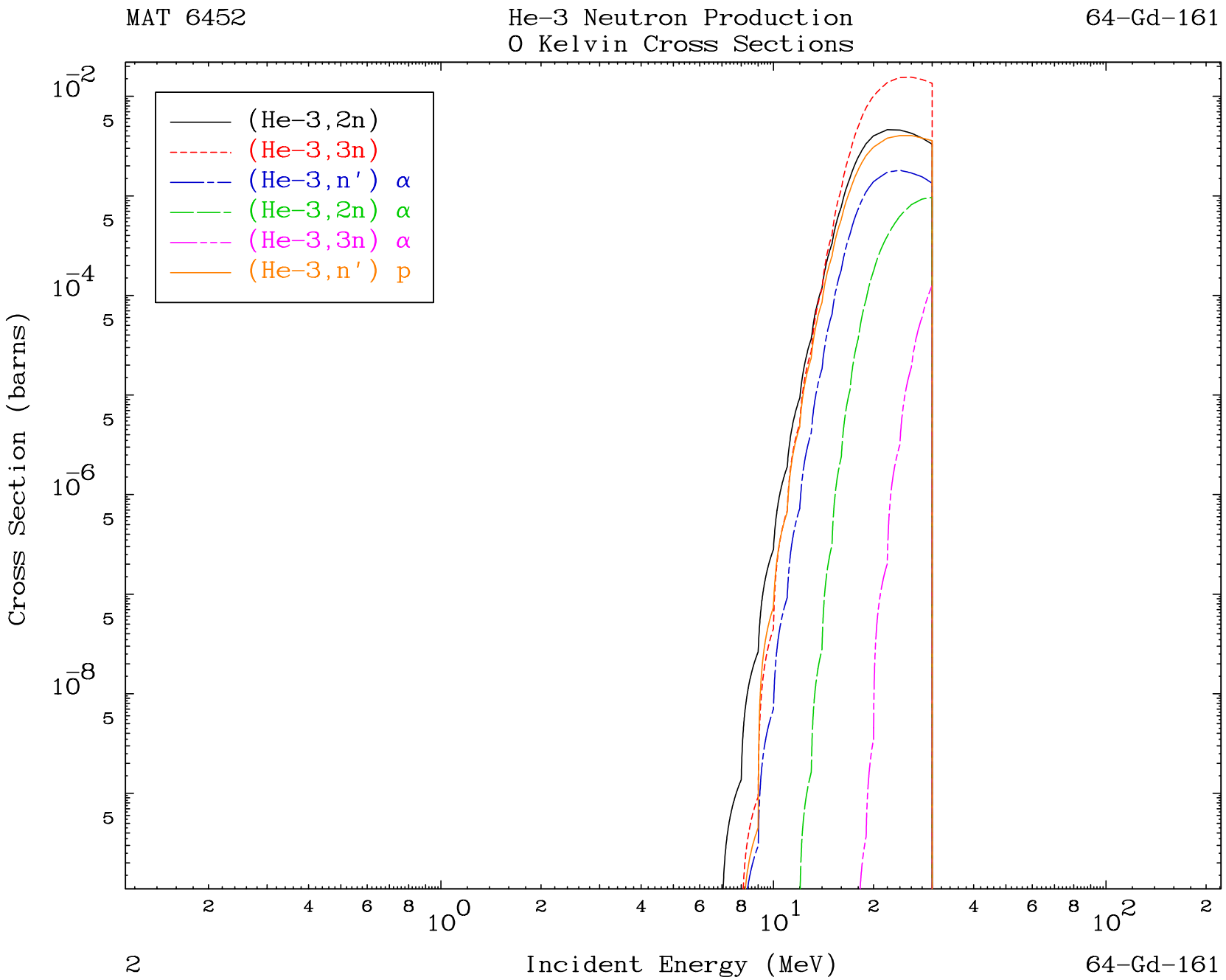
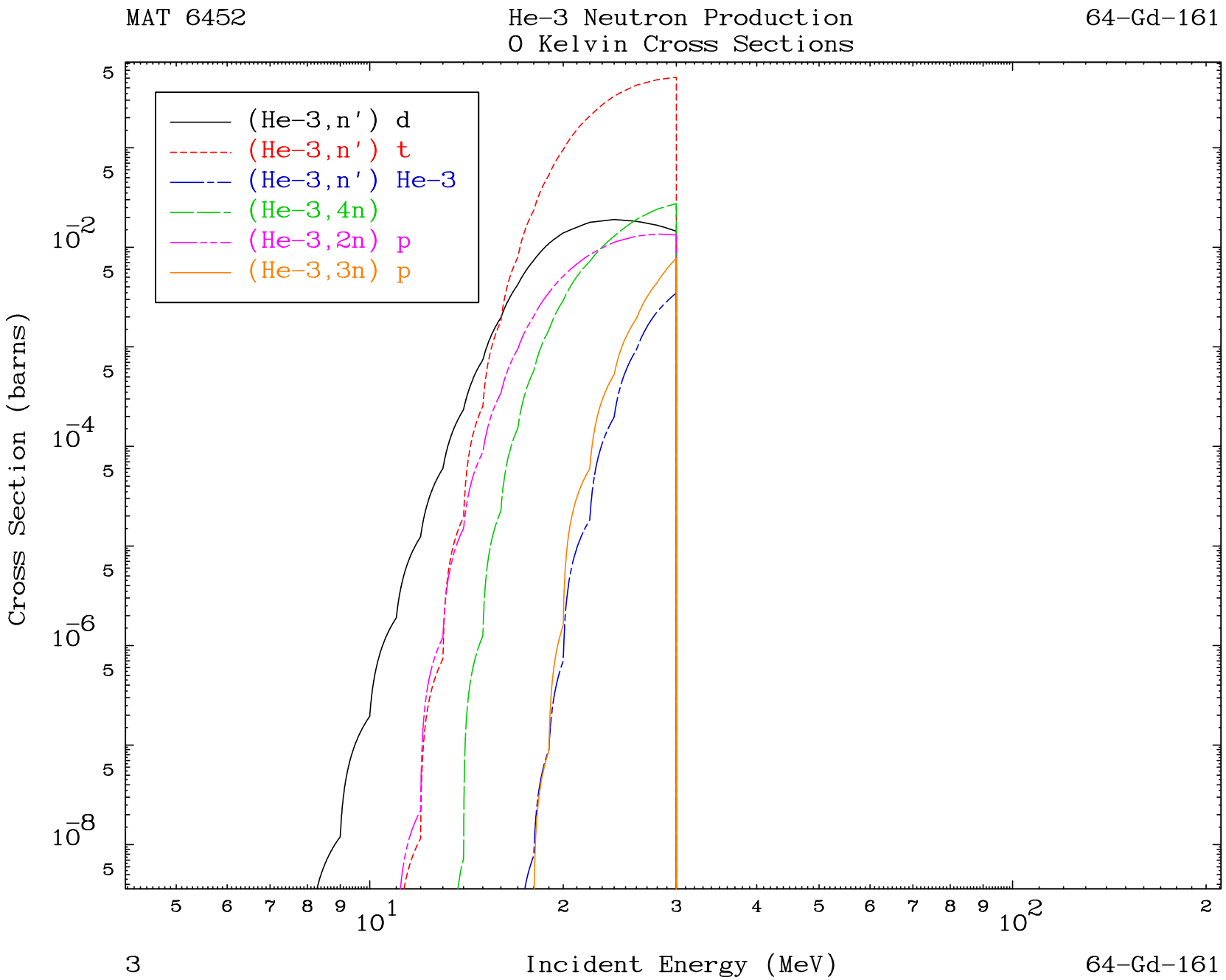
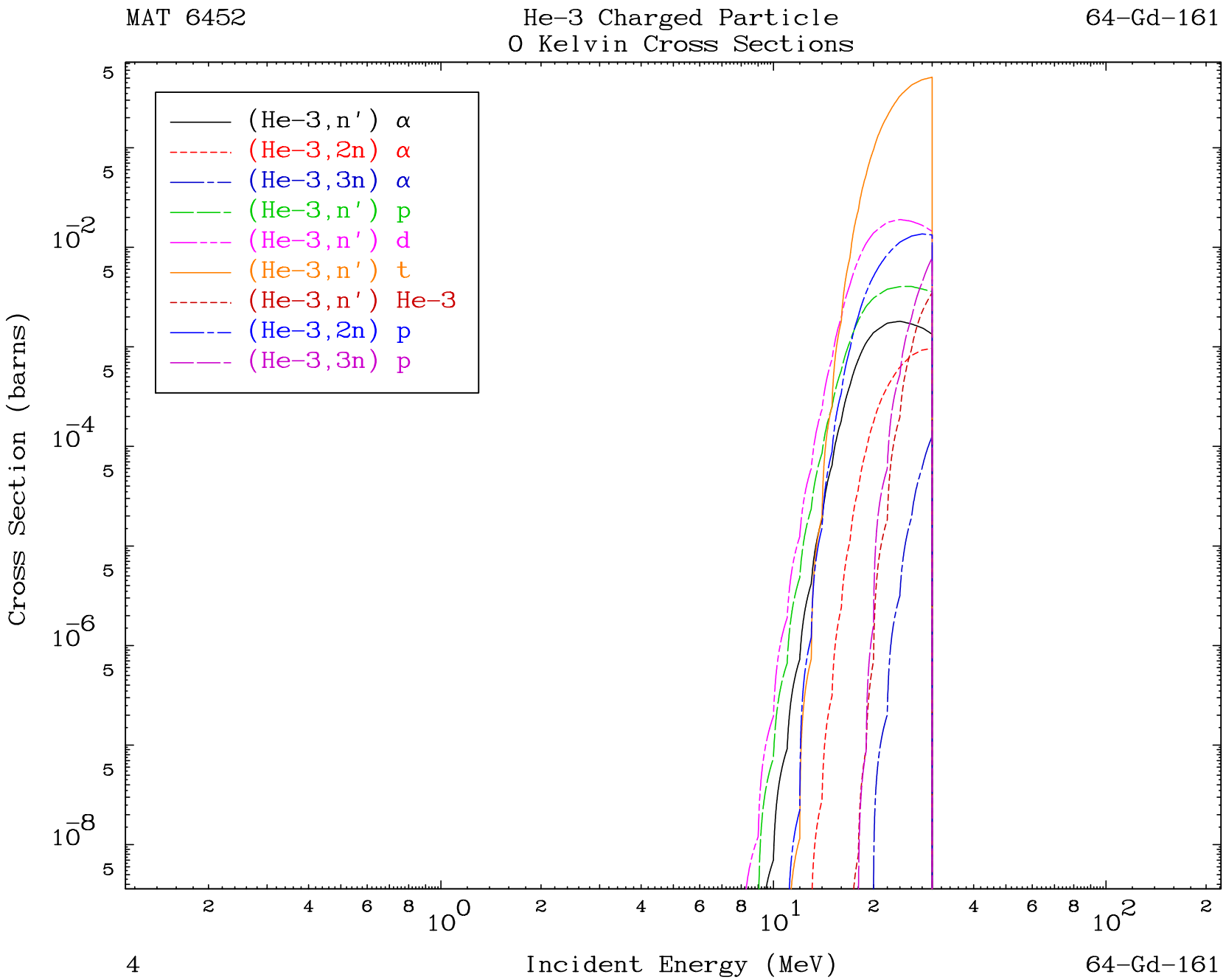
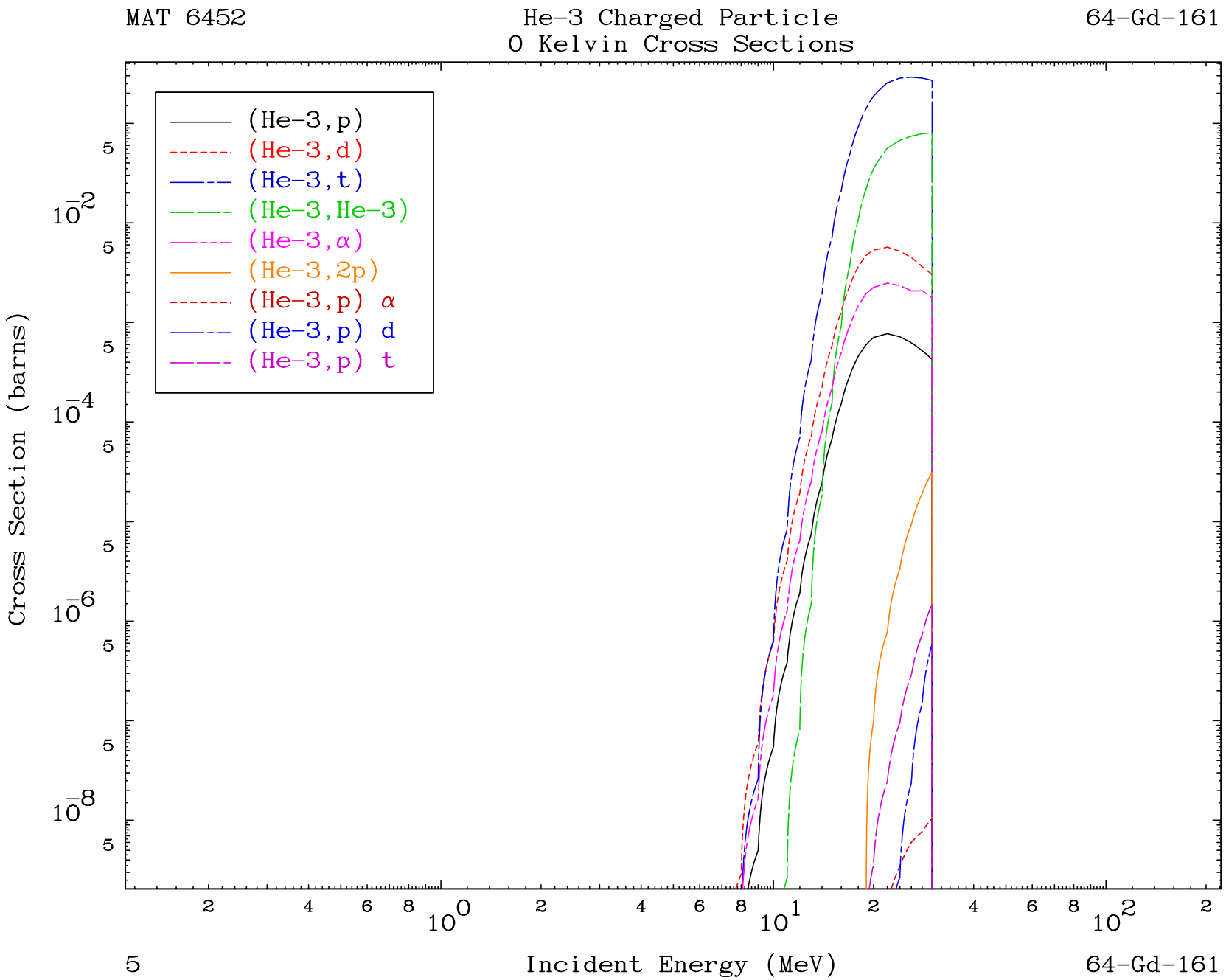
Press Mouse Button to Start

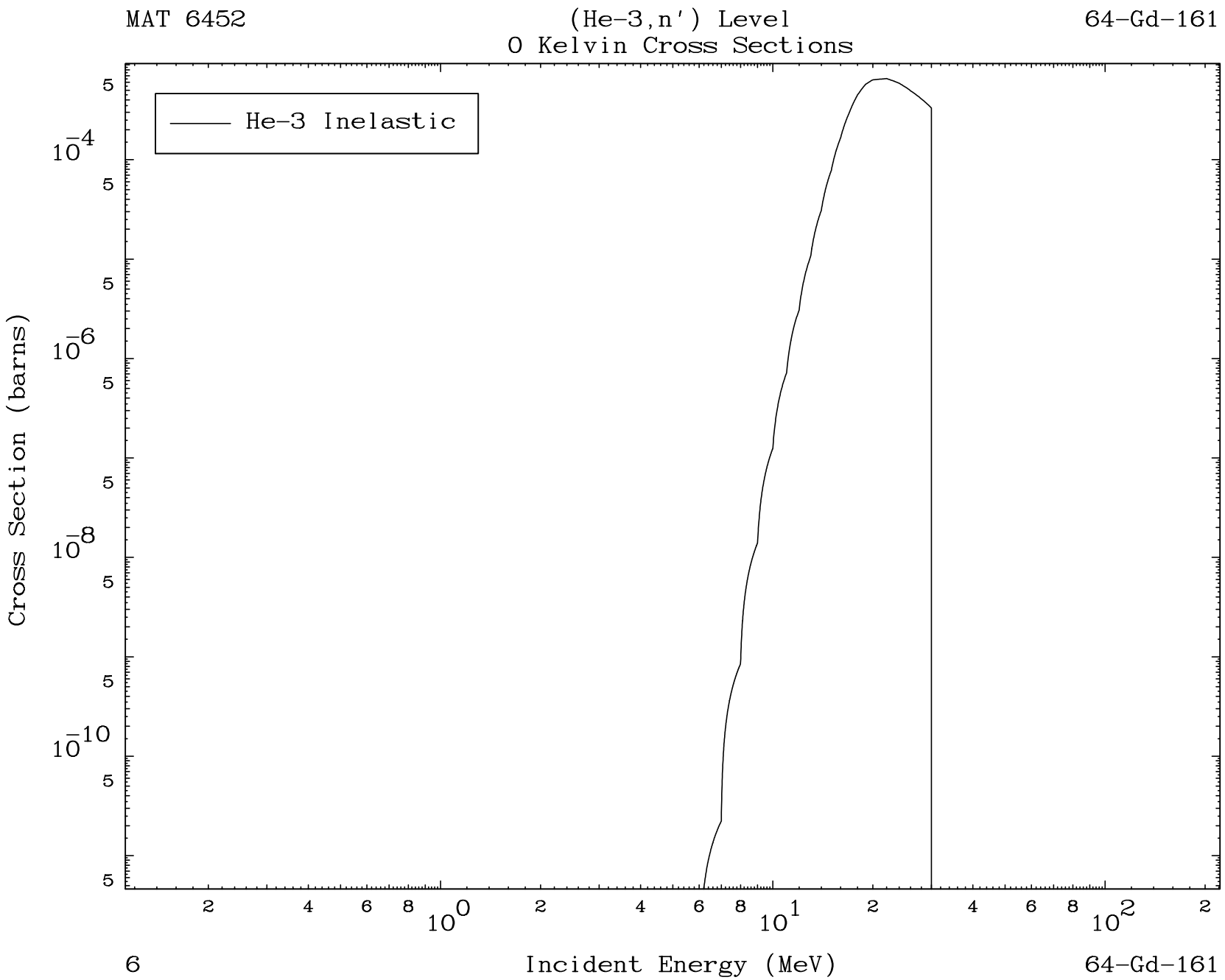

MAT 6452
He-3 Major
64-Gd-161
0 Kelvin Cross Sections
He-3 Inelastic
(He-3,remainder)
Cross Section (barns)
Incident Energy (MeV)
64-Gd-161
1

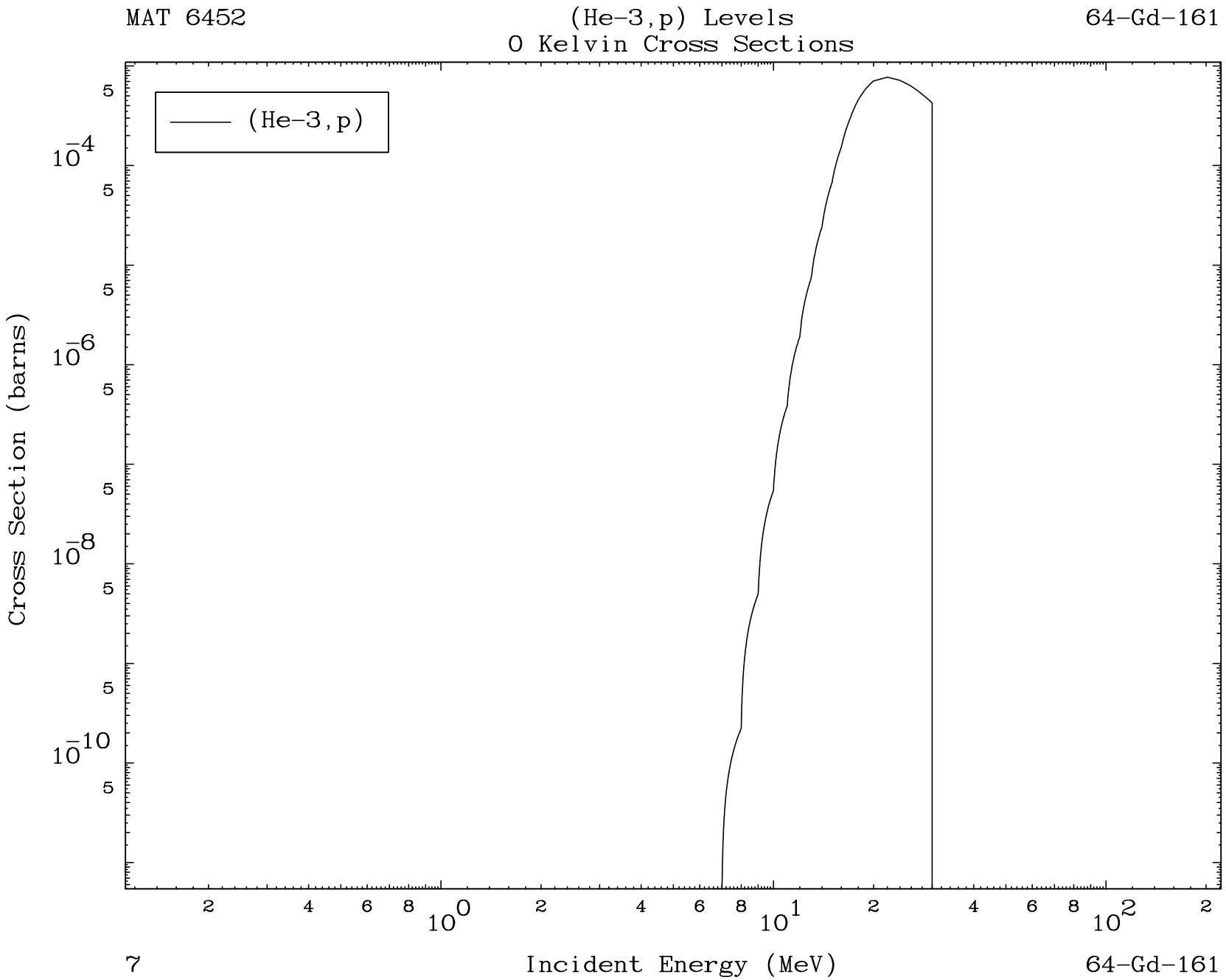

MAT 6452
He-3 Neutron Production
0 Kelvin Cross Sections
64-Gd-161
(He-3,2n)
(He-3,3n)
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
Cross Section (barns)
Incident Energy (MeV)
2
64-Gd-161

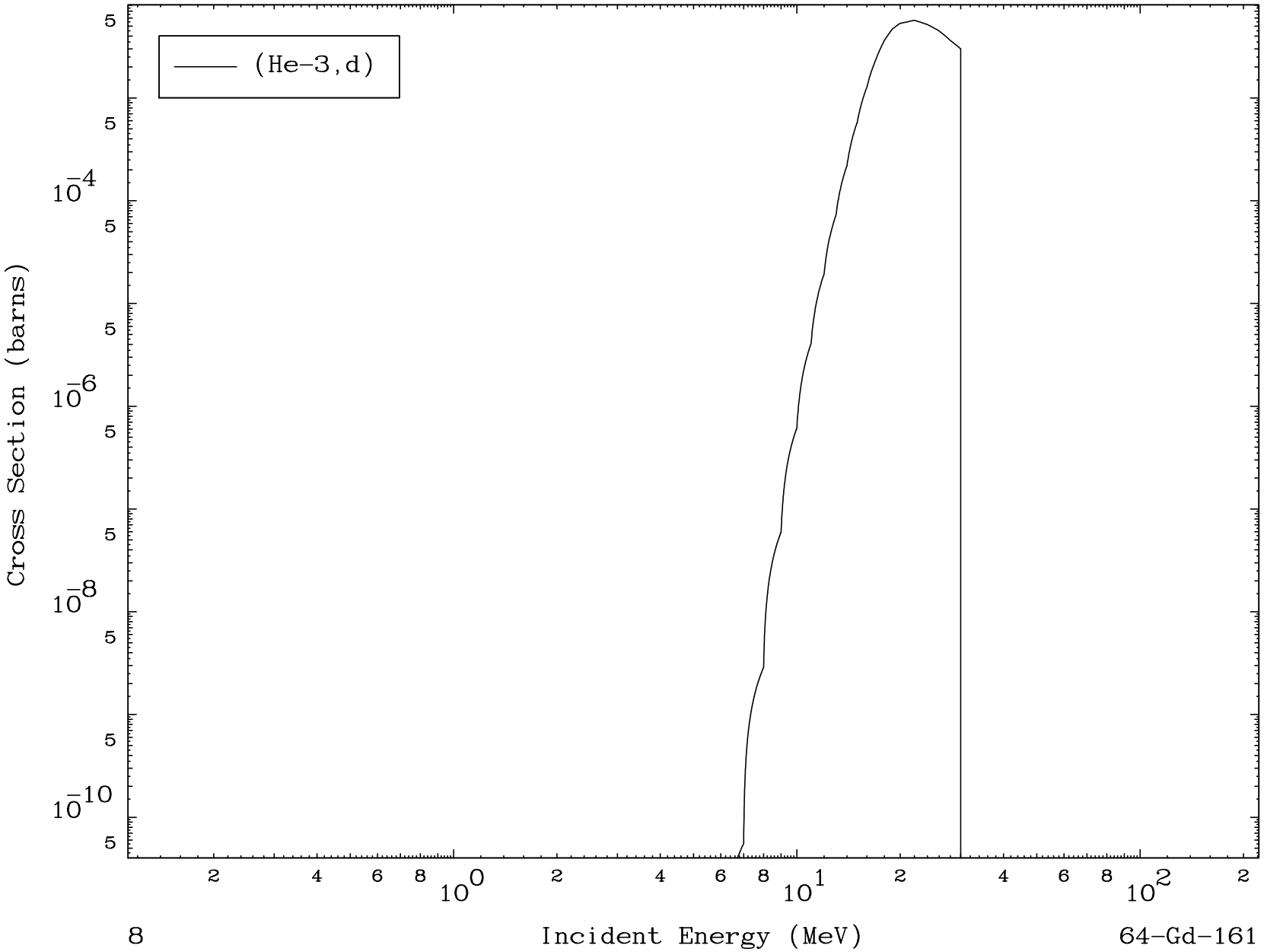

MAT 6452
He-3 Neutron Production
0 Kelvin Cross Sections
64-Gd-161
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,4n)
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
64-Gd-161

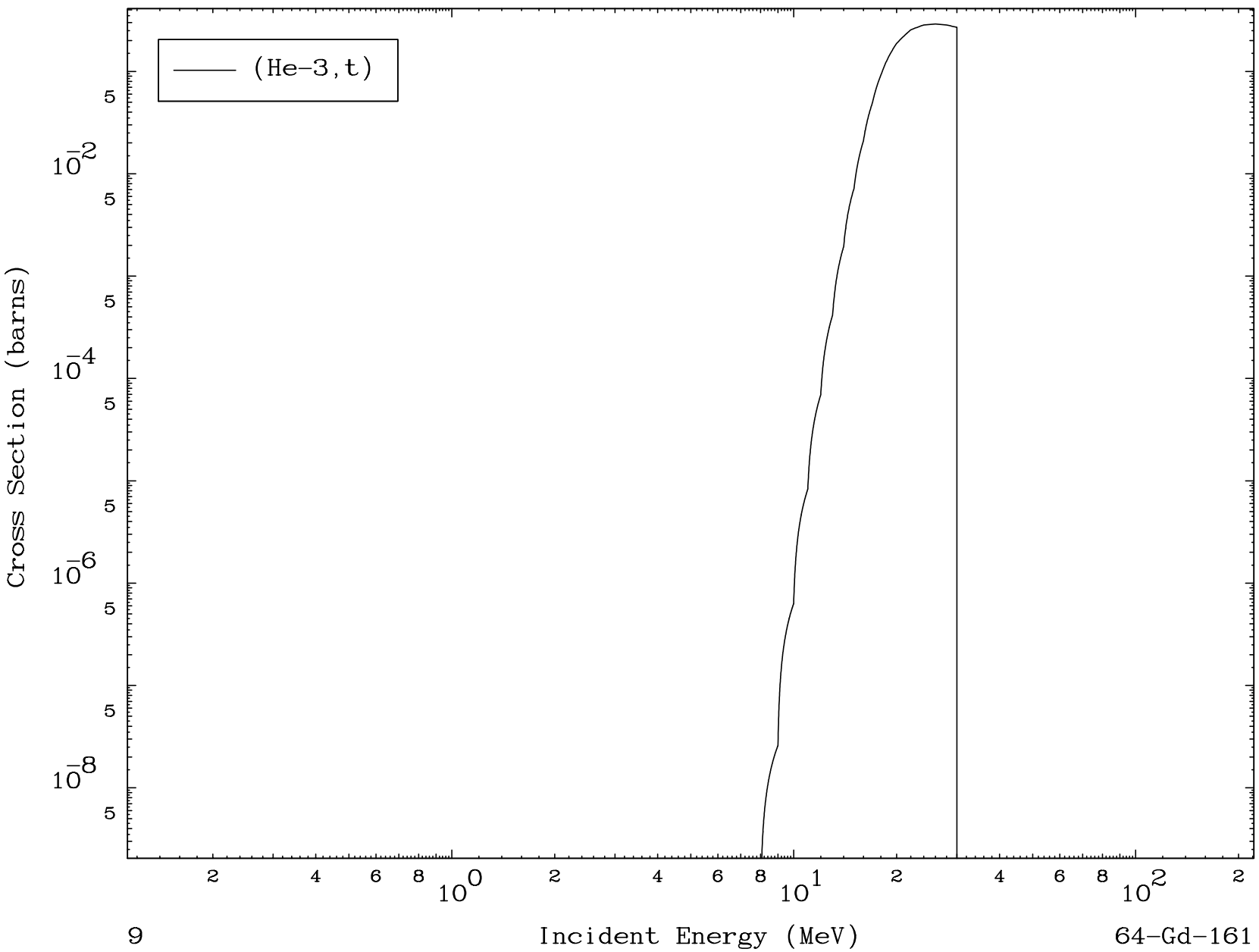

MAT 6452
He-3 Charged Particle
0 Kelvin Cross Sections
64-Gd-161
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
64-Gd-161

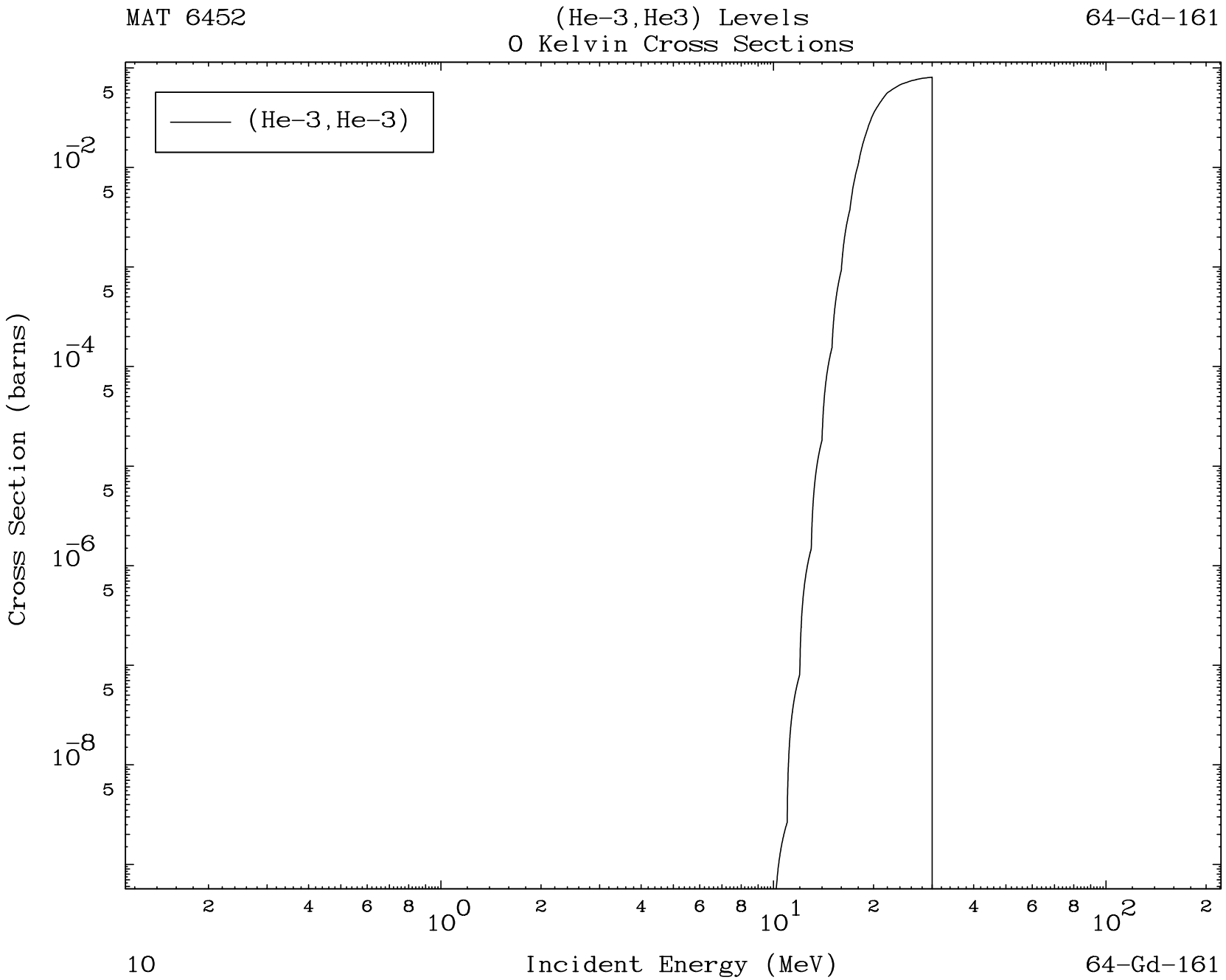

MAT 6452
He-3 Charged Particle
0 Kelvin Cross Sections
64-Gd-161
(He-3,p)
(He-3,d)
(He-3,t)
(He-3,He-3)
(He-3,α)
(He-3,2p)
(He-3,p) α
(He-3,p) d
(He-3,p) t
Cross Section (barns)
Incident Energy (MeV)
64-Gd-161
5

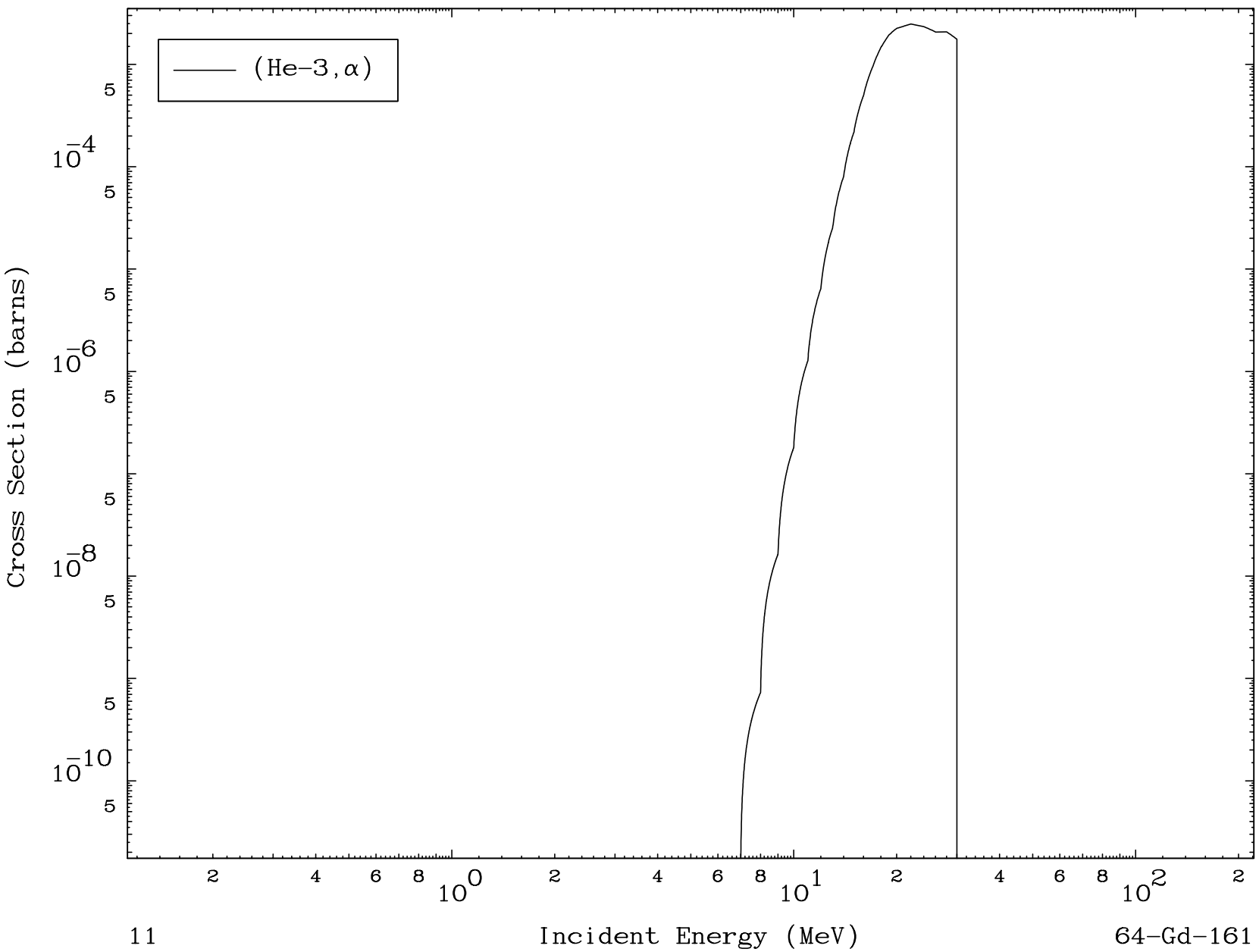

MAT 6452
(He-3,n') Level
64-Gd-161
0 Kelvin Cross Sections
He-3 Inelastic
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
100
101
102
6
64-Gd-161


MAT 6452
(He-3,p) Levels
0 Kelvin Cross Sections
64-Gd-161
(He-3,p)
Cross Section (barns)
Incident Energy (MeV)
7
64-Gd-161


0 Kelvin Cross Sections
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)


0 Kelvin Cross Sections
(He-3,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)


MAT 6452
(He-3,He3) Levels
64-Gd-161
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
Incident Energy (MeV)
64-Gd-161


0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
4
6
8
100
101
102
Incident Energy (MeV)