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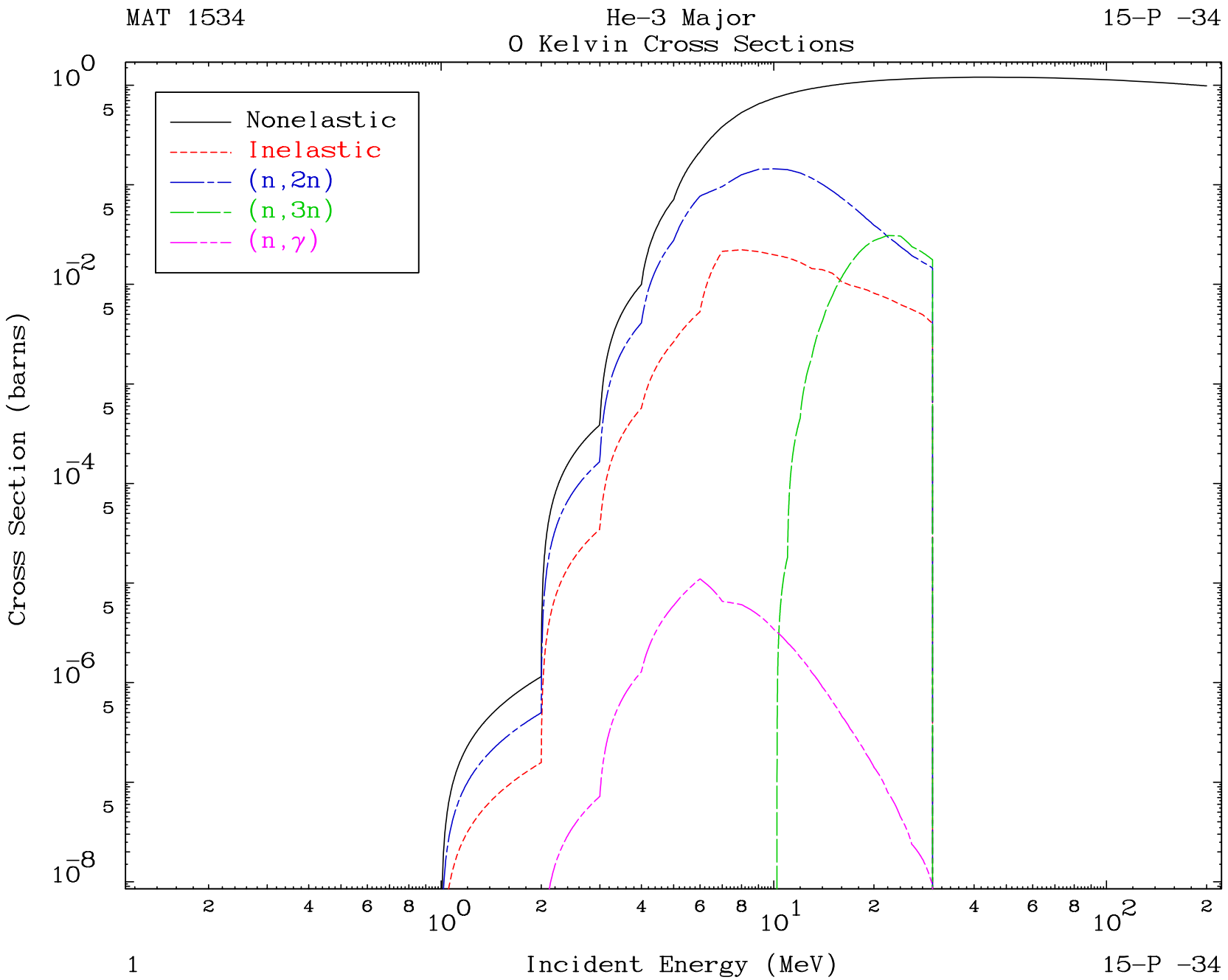
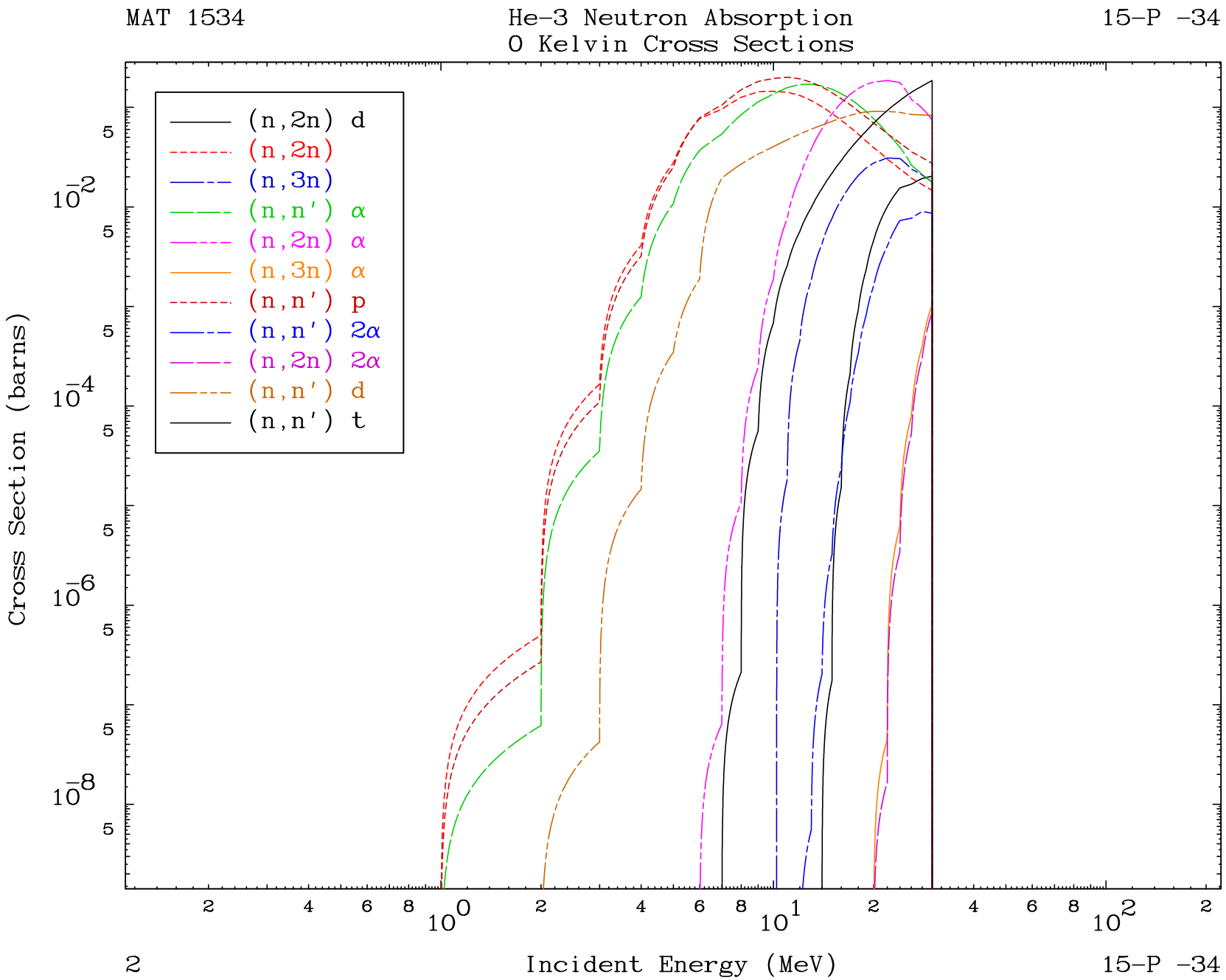
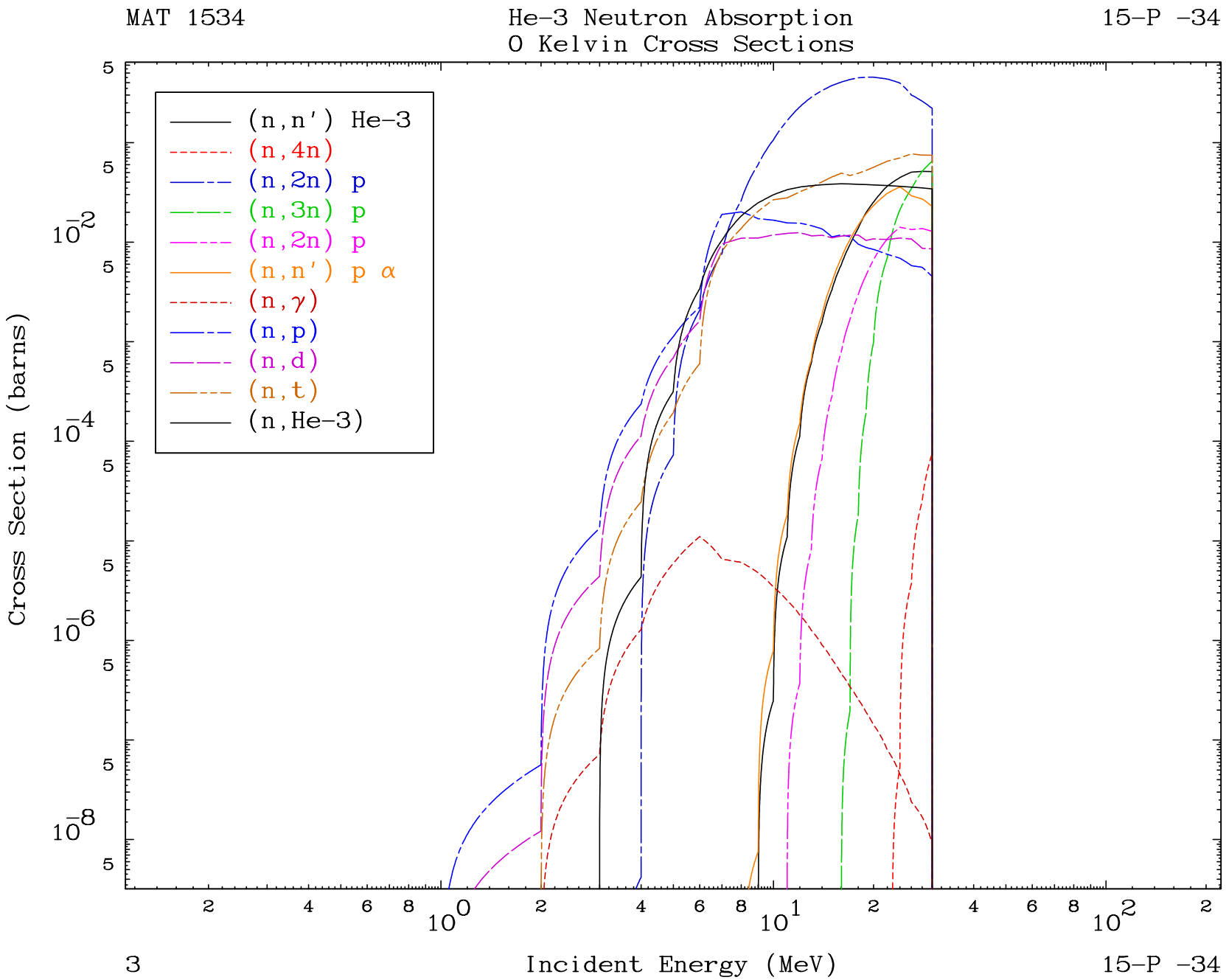
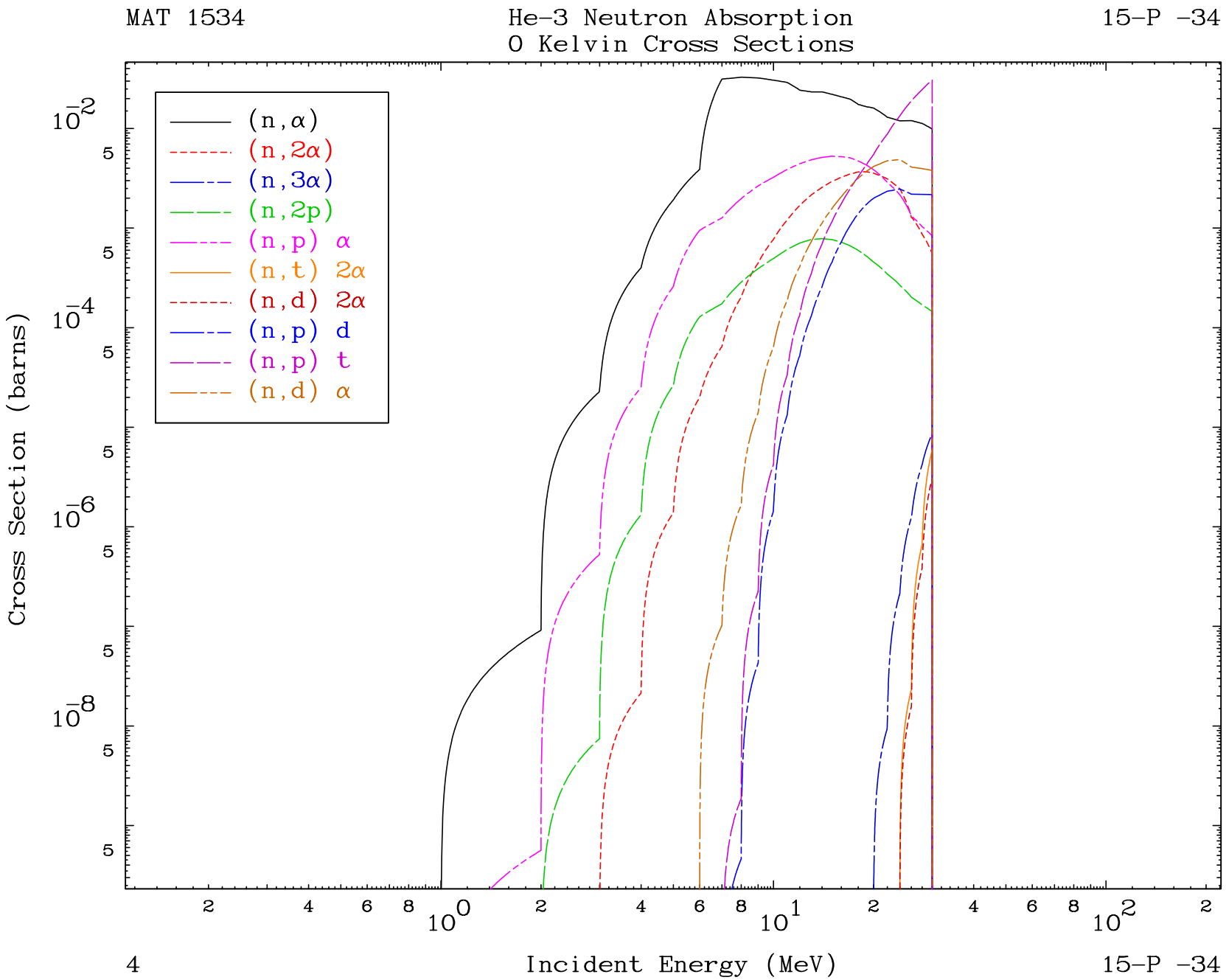
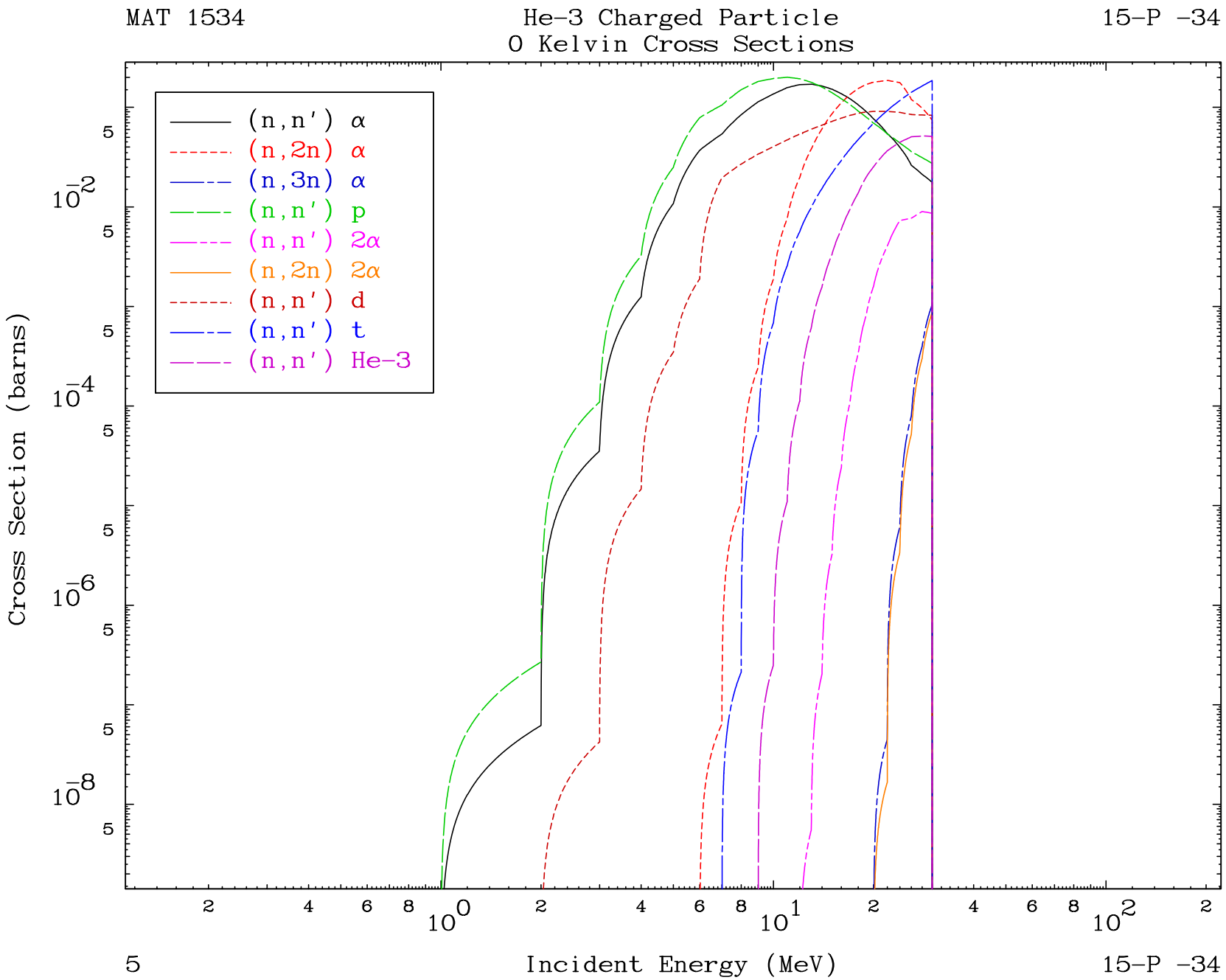
Press Mouse Button to Start

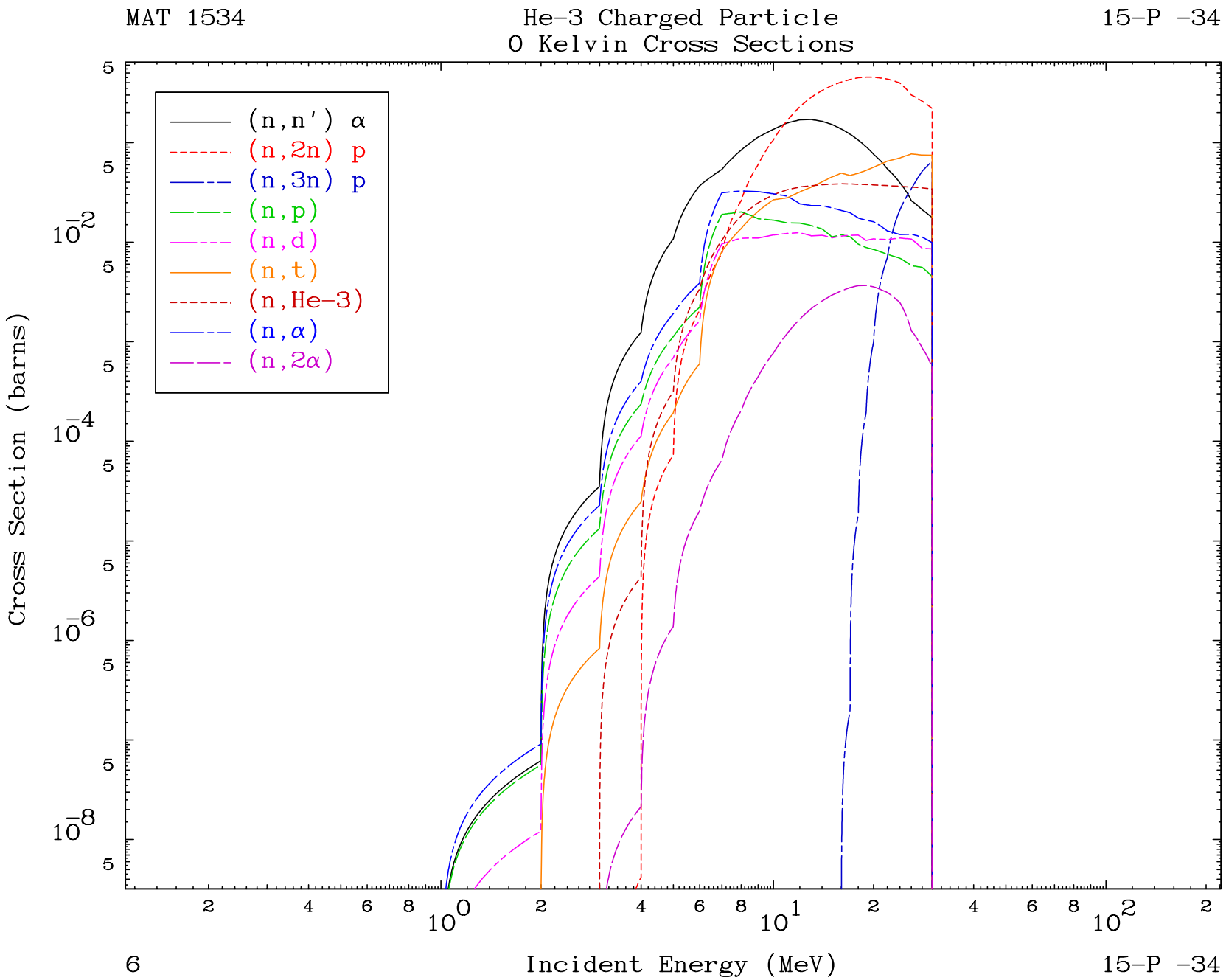

MAT 1534
He-3 Major
15-P -34
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
15-P -34
1

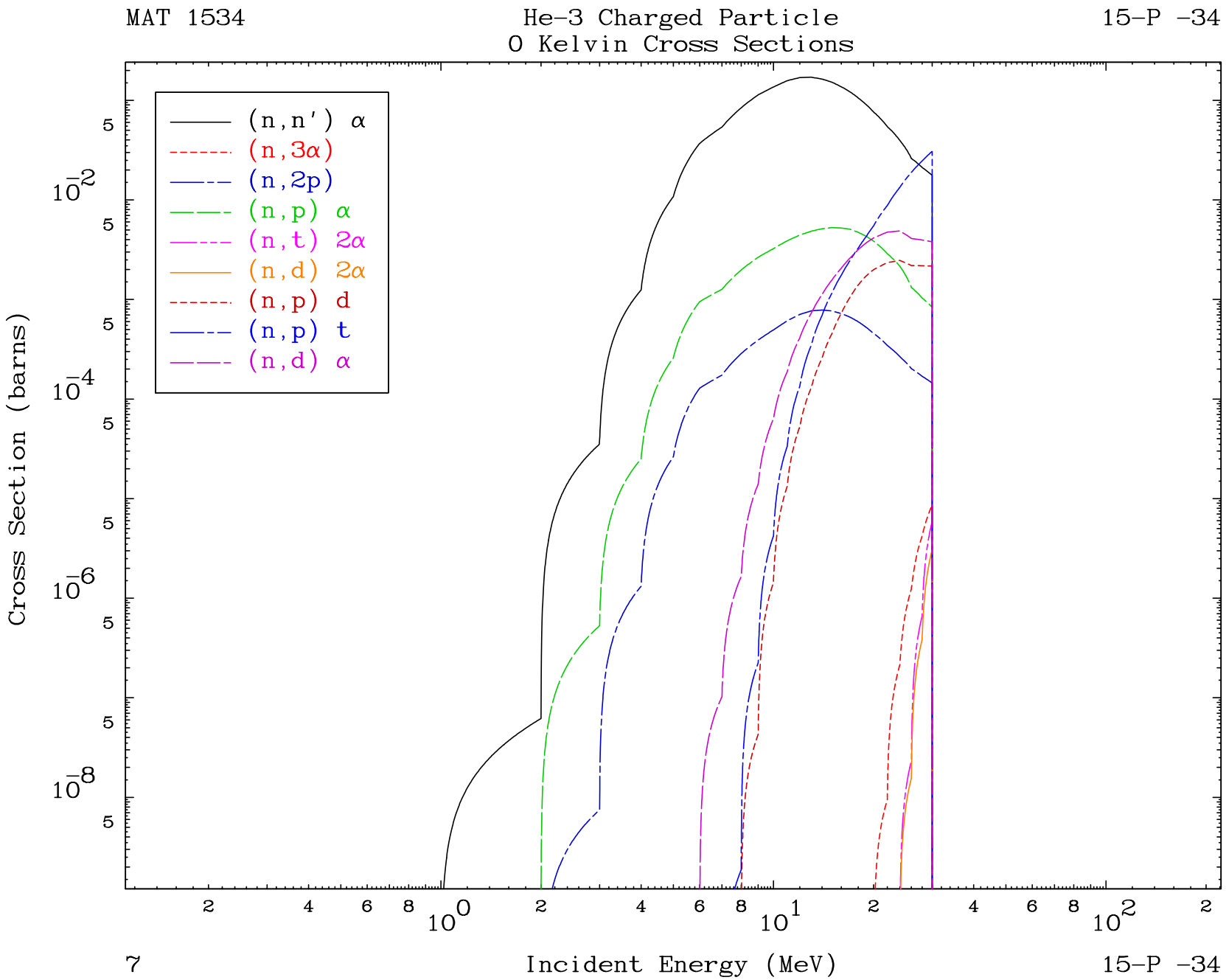

MAT 1534
He-3 Neutron Absorption
0 Kelvin Cross Sections
15-P -34
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
2
15-P -34

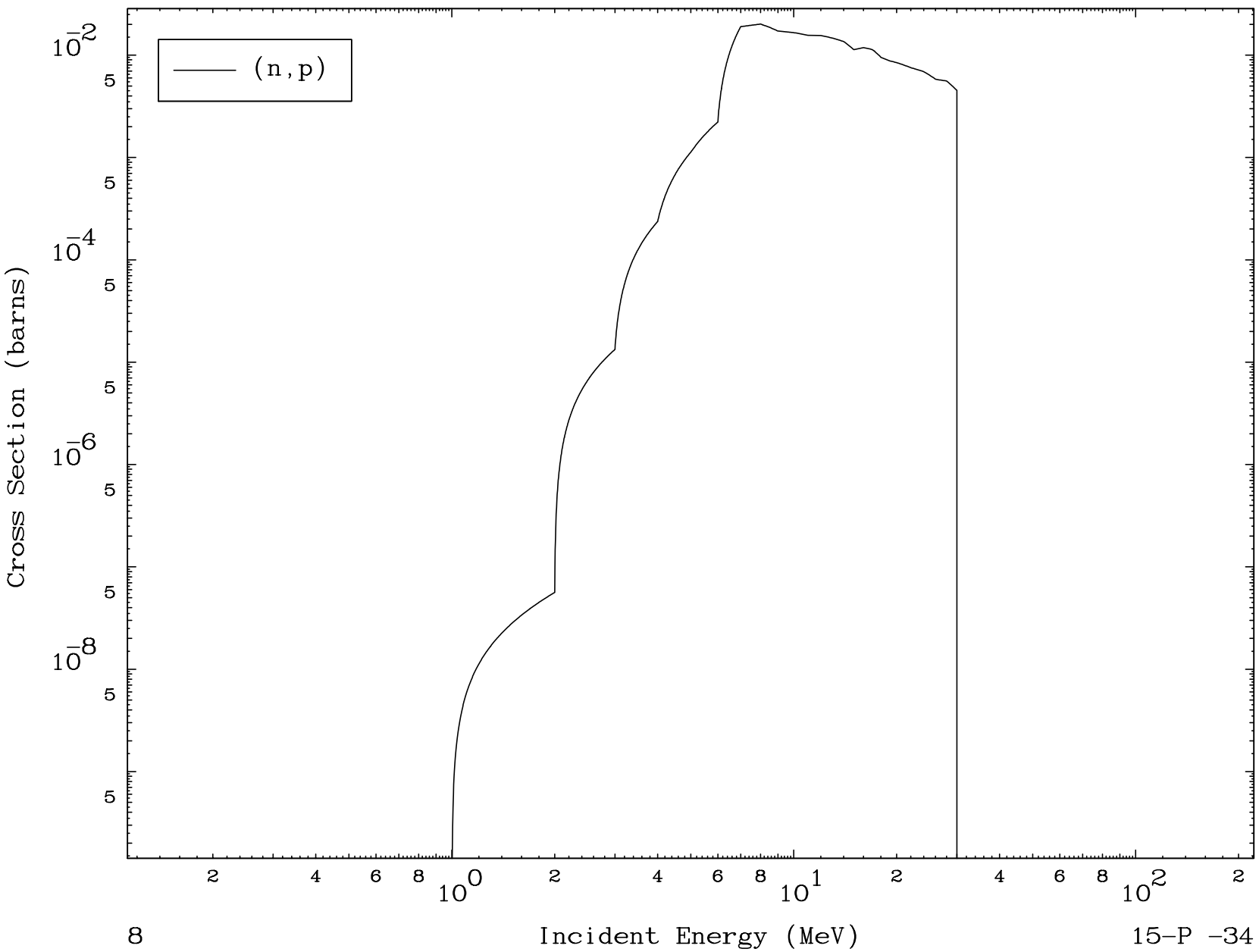

MAT 1534
He-3 Neutron Absorption
0 Kelvin Cross Sections
15-P -34
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
15-P -34

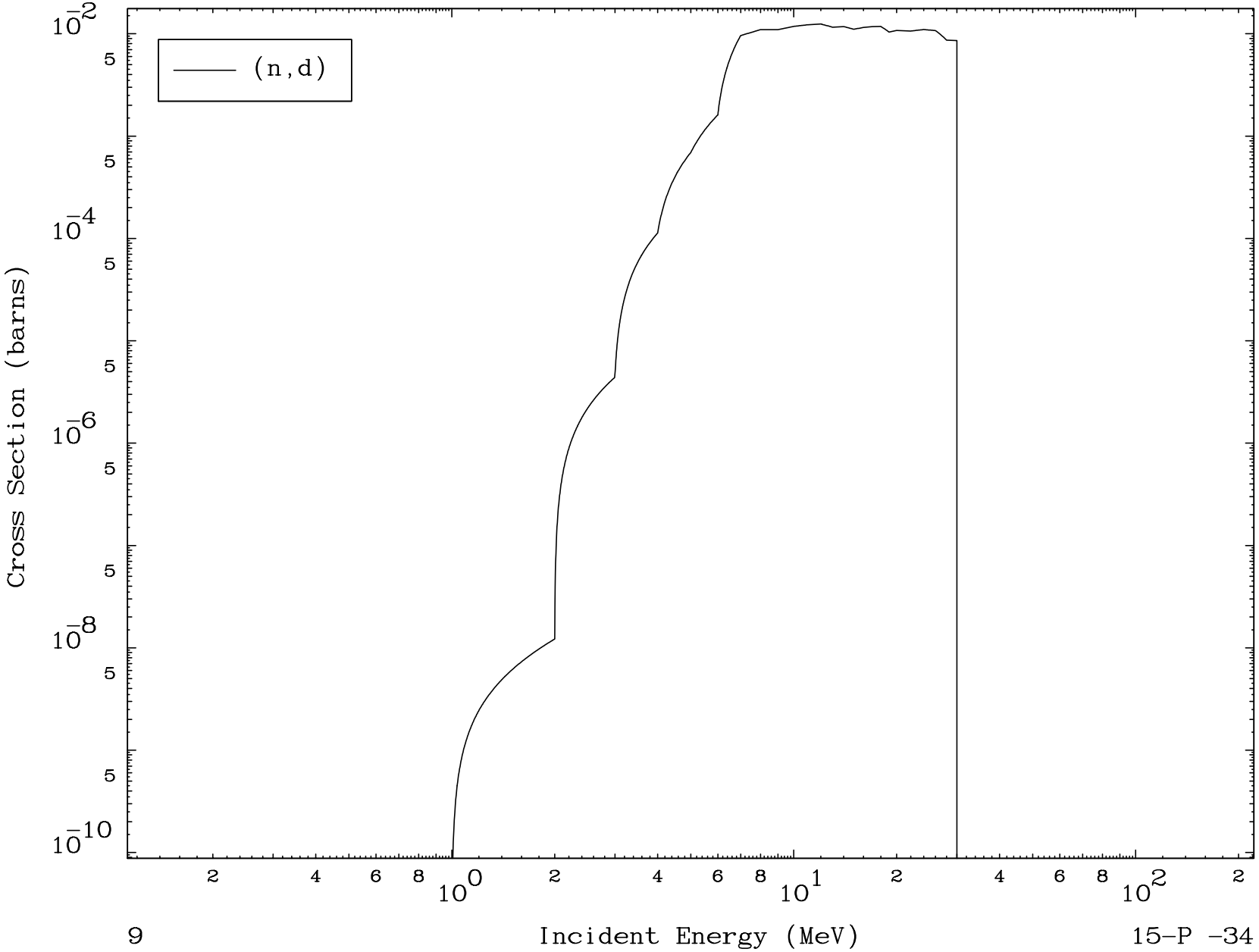

MAT 1534
He-3 Neutron Absorption
0 Kelvin Cross Sections
15-P -34
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,t) 2α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
15-P -34

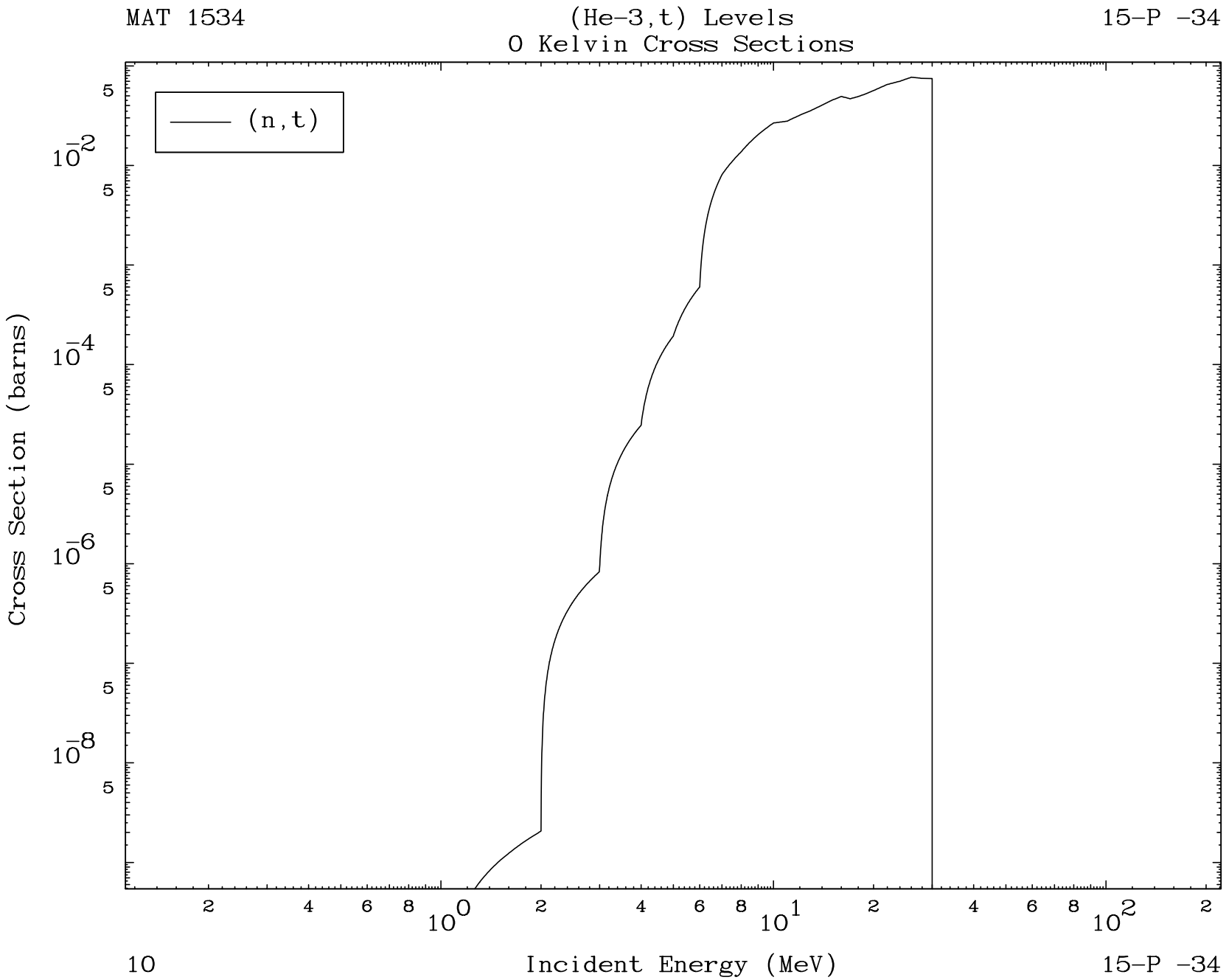

MAT 1534
He-3 Charged Particle
0 Kelvin Cross Sections
15-P -34
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
5
15-P -34

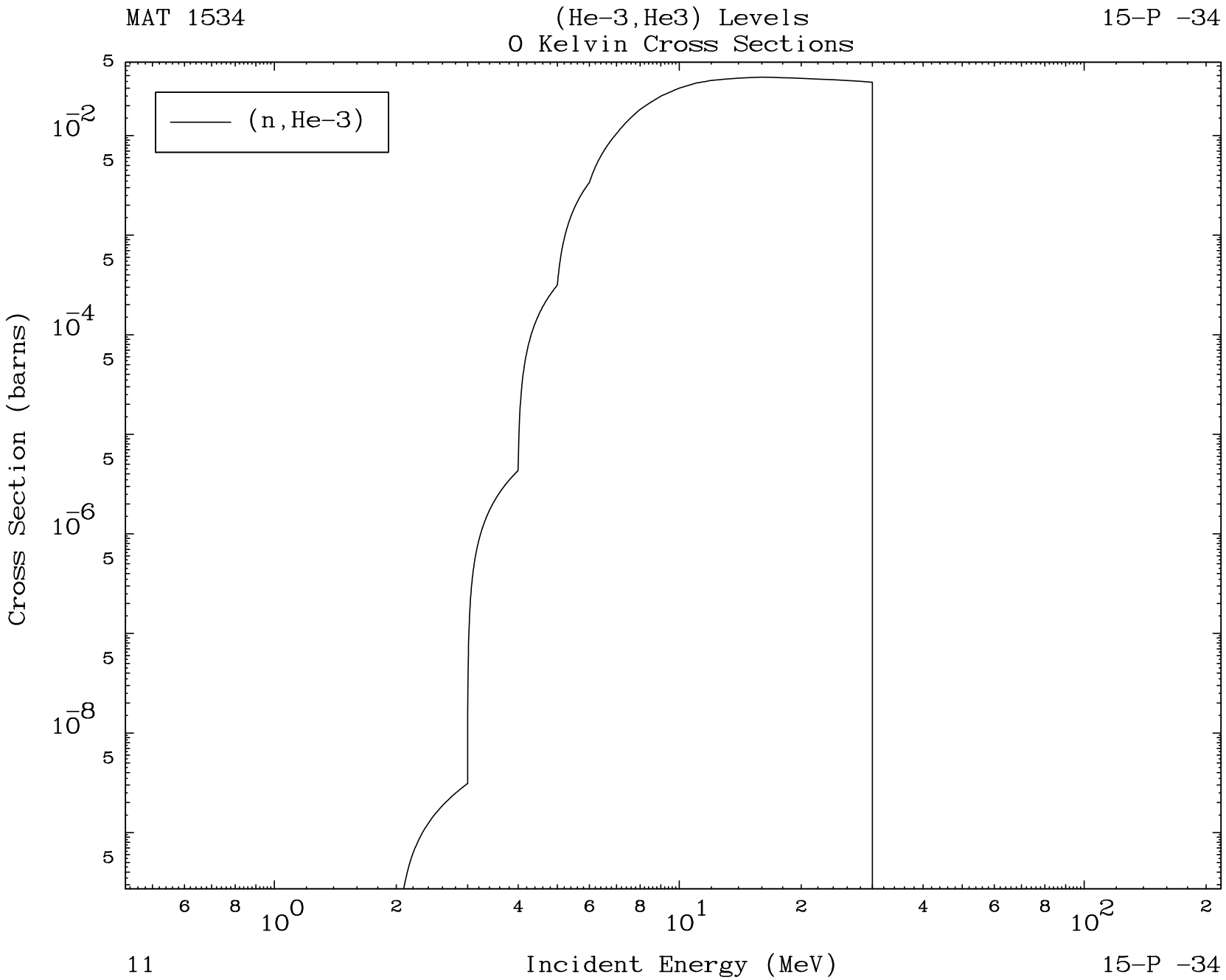

MAT 1534
He-3 Charged Particle
0 Kelvin Cross Sections
15-P -34
(n,n') α
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
6
15-P -34

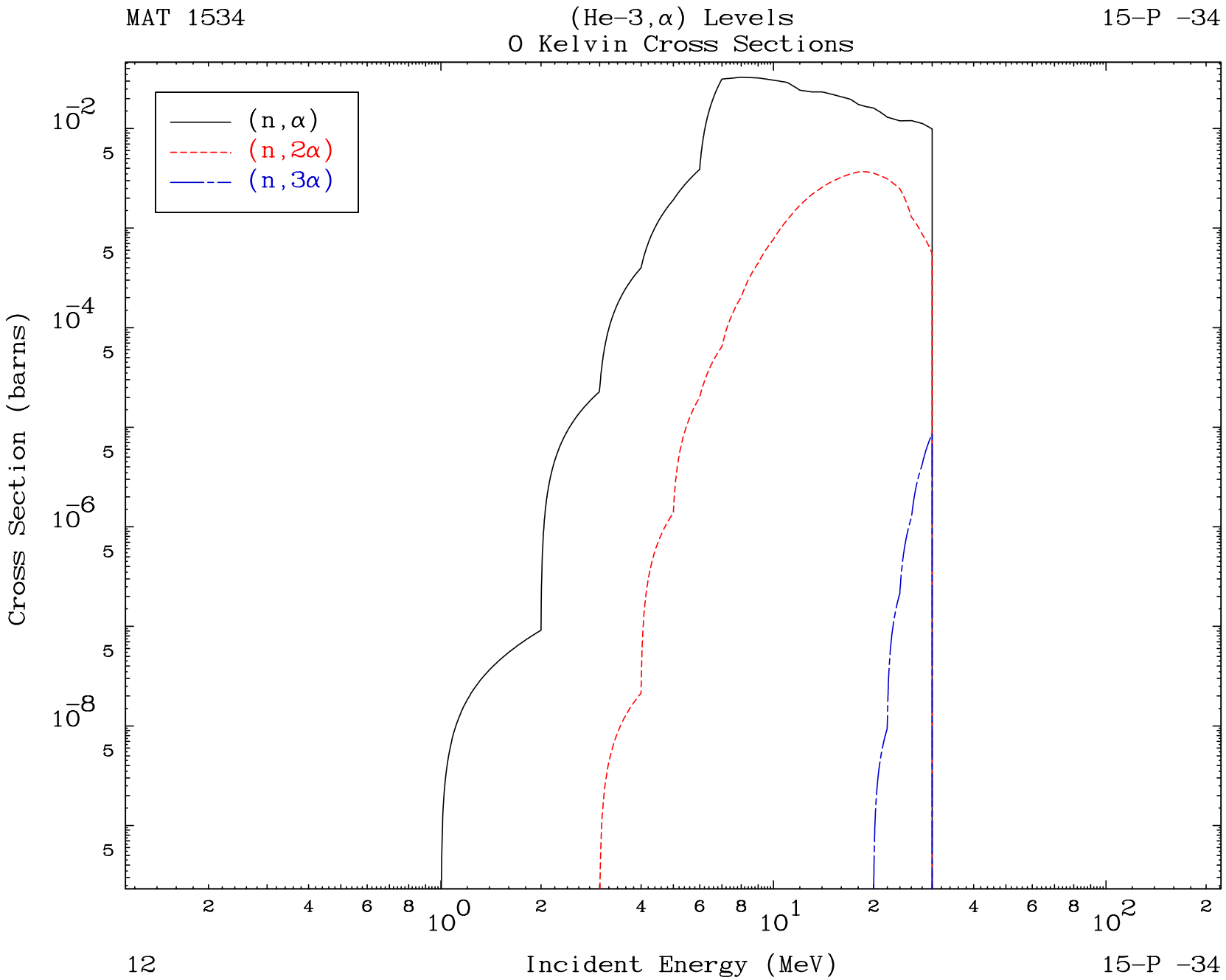

MAT 1534
He-3 Charged Particle
0 Kelvin Cross Sections
15-P -34
(n,n') α
(n,3α)
(n,2p)
(n,p) α
(n,t) 2α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
7
15-P -34

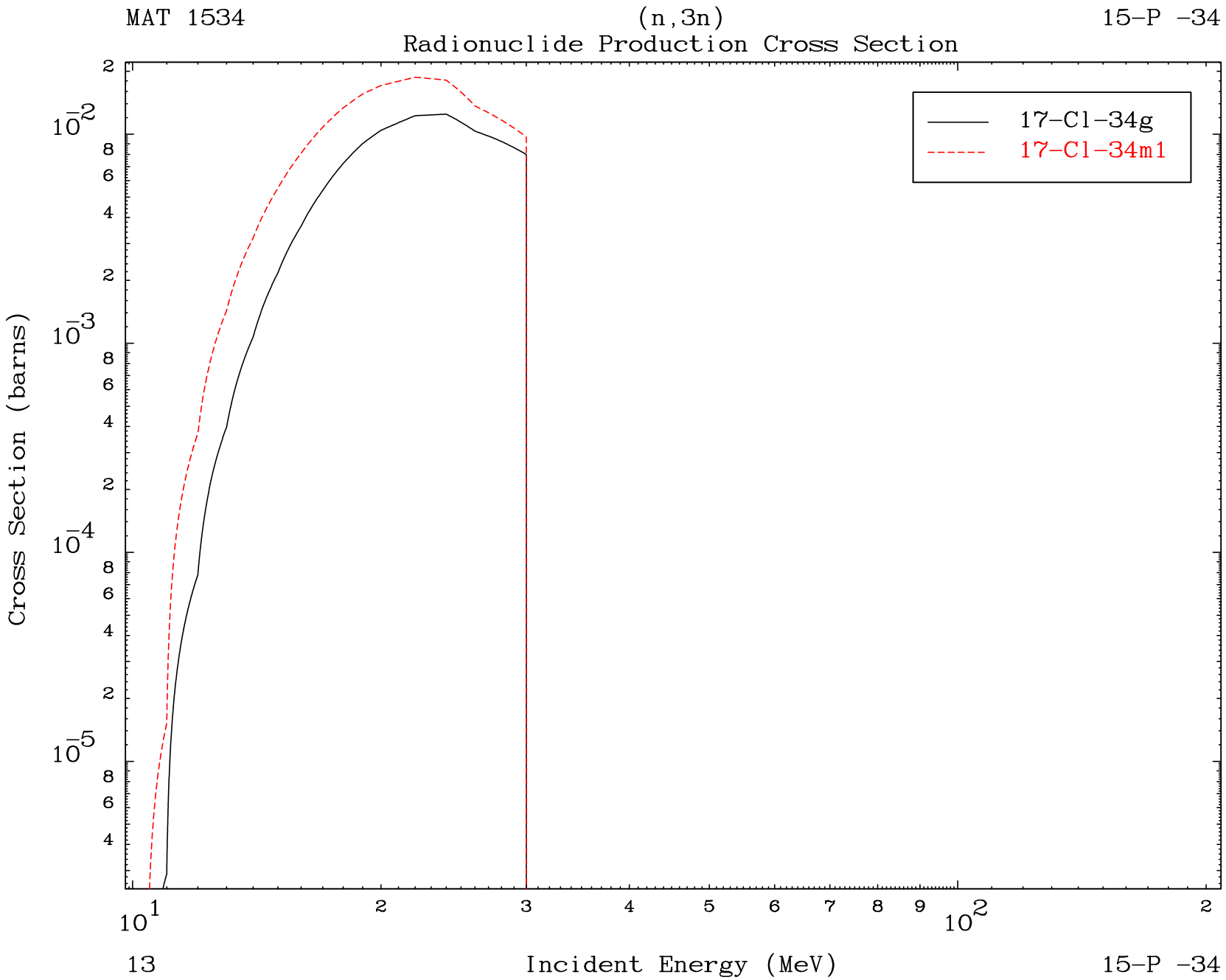

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
5
10-4
5
10-6
5
10-8
5
2
4
6
8
100
2
4
6
8
101
2
4
6
8
102
2
Incident Energy (MeV)


MAT 1534
(He-3,d) Levels
0 Kelvin Cross Sections
15-P -34
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
15-P -34


MAT 1534
(He-3,t) Levels
15-P -34
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
10
15-P -34


MAT 1534
(He-3,He3) Levels
15-P -34
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
15-P -34


MAT 1534
(He-3,α) Levels
0 Kelvin Cross Sections
15-P -34
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
100
101
102
2
4
6
8
Incident Energy (MeV)
12
15-P -34


MAT 1534
(n,3n)
15-P -34
Radionuclide Production Cross Section
17-Cl-34g
17-Cl-34m1
Cross Section (barns)
Incident Energy (MeV)
13
15-P -34