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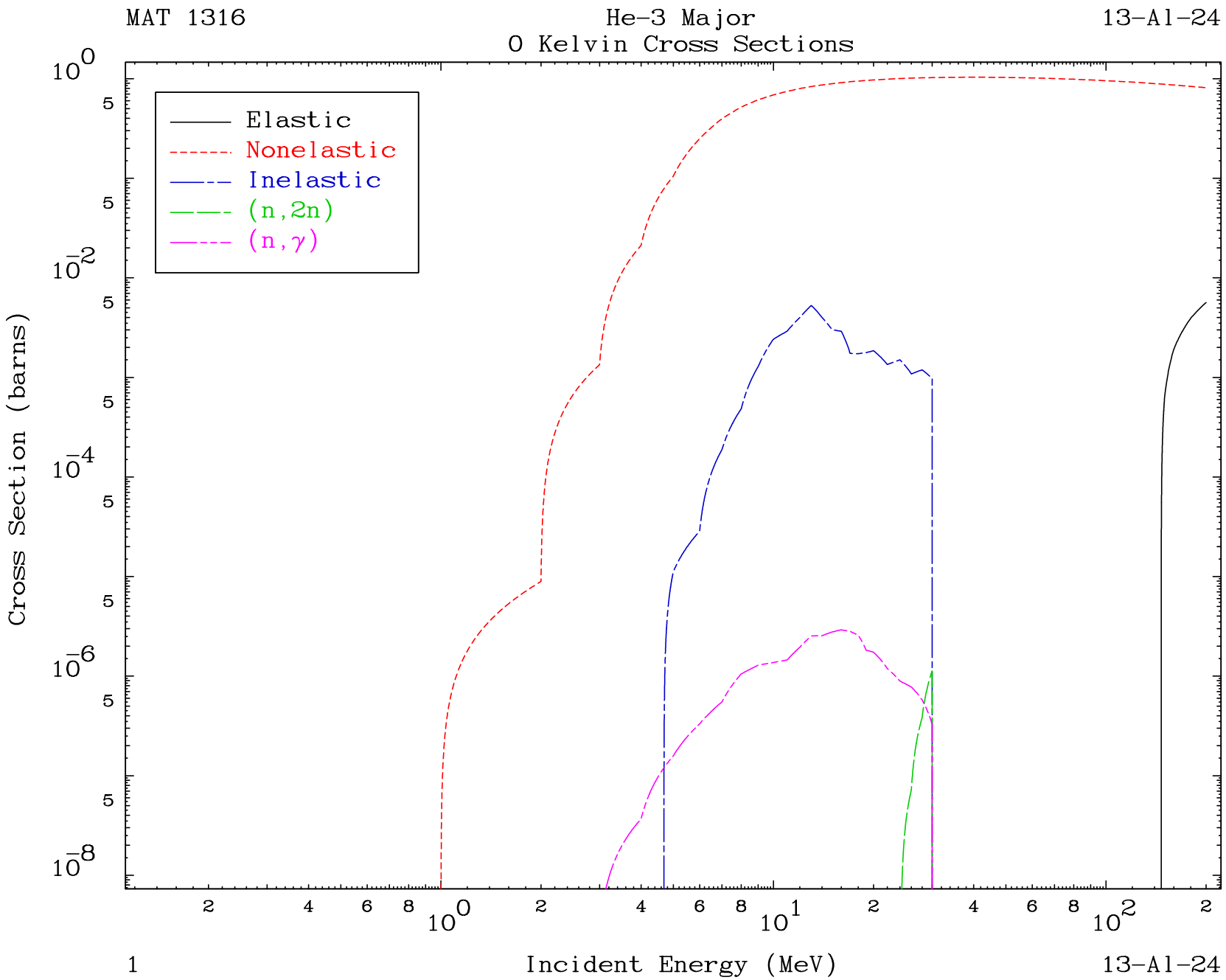
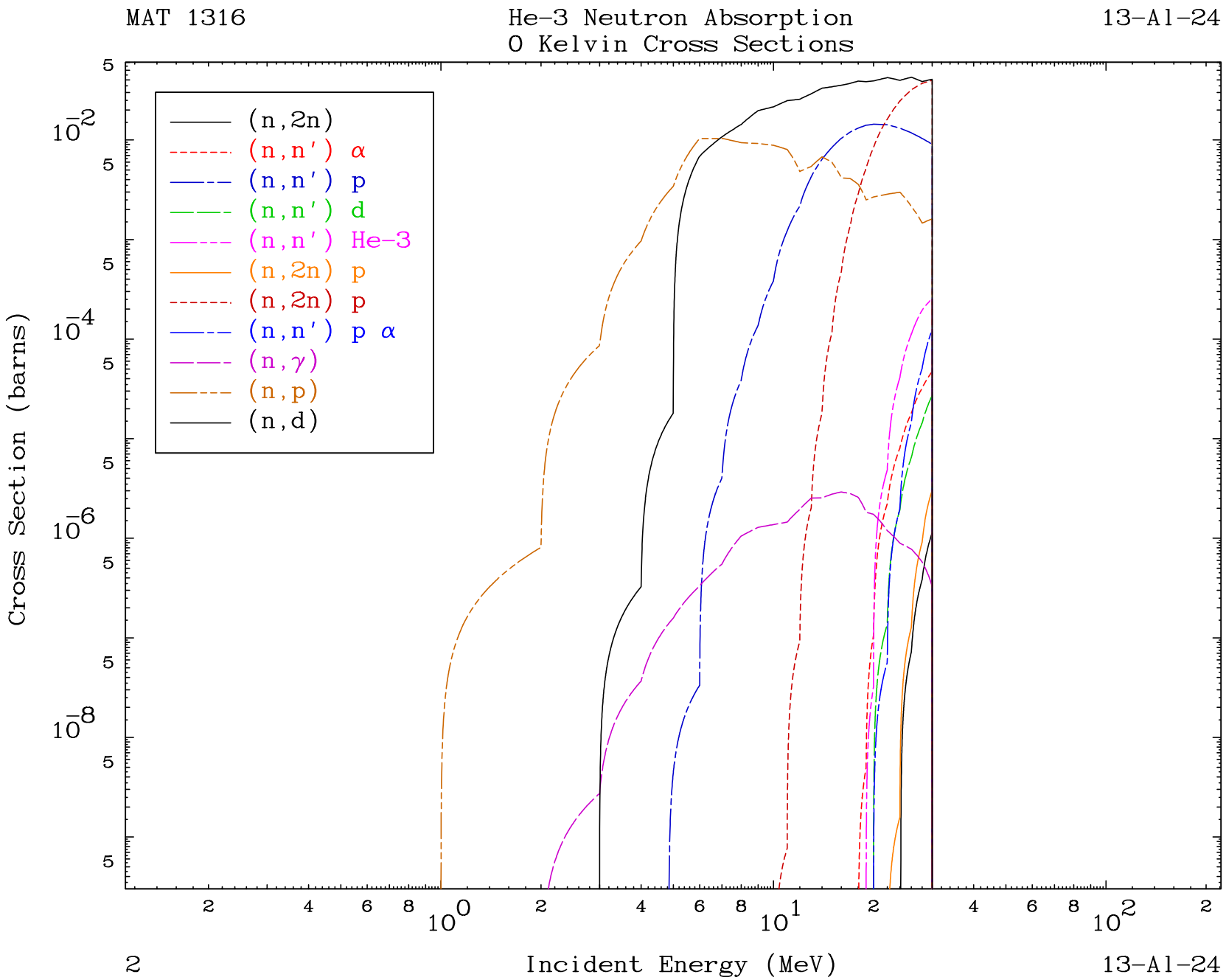
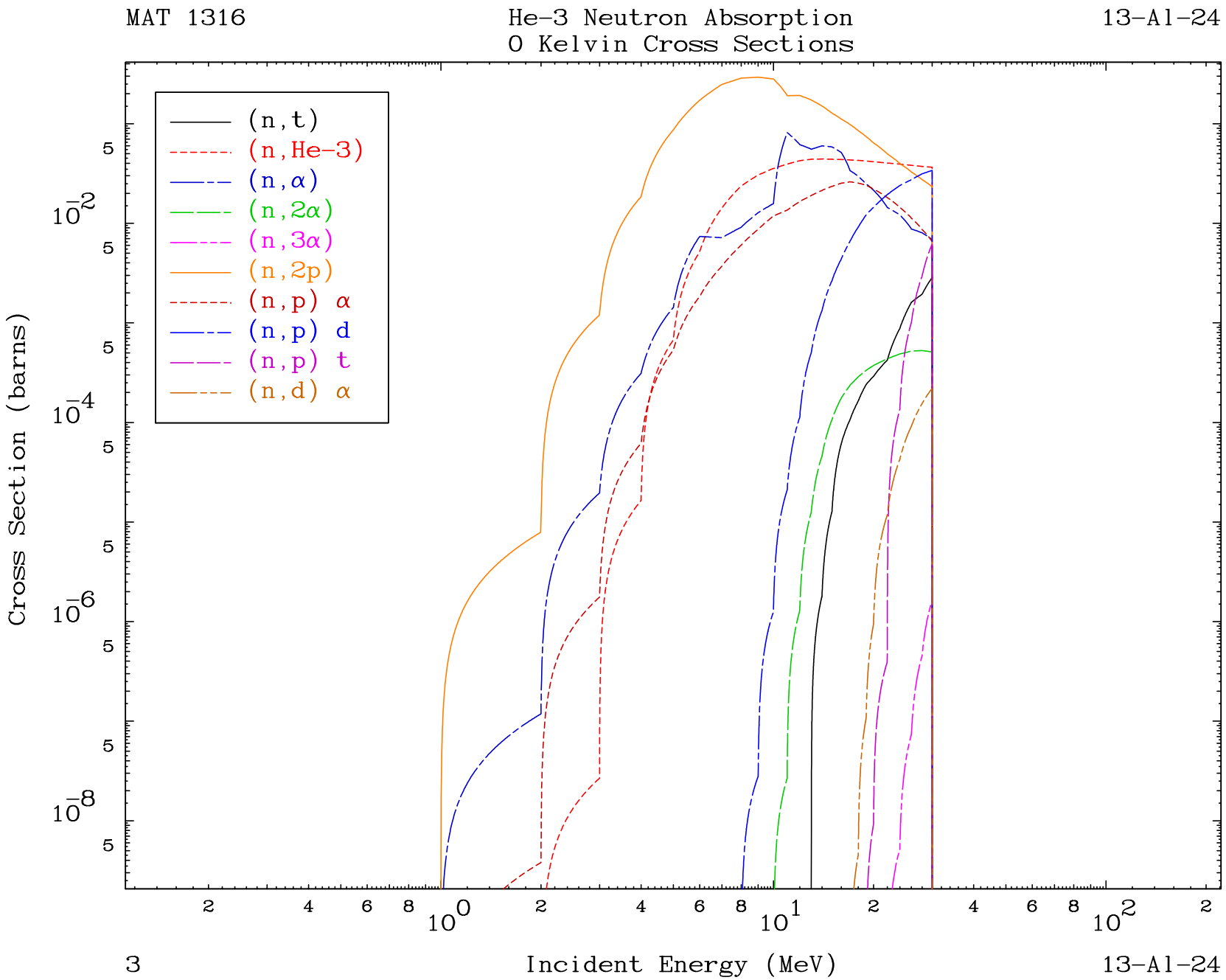
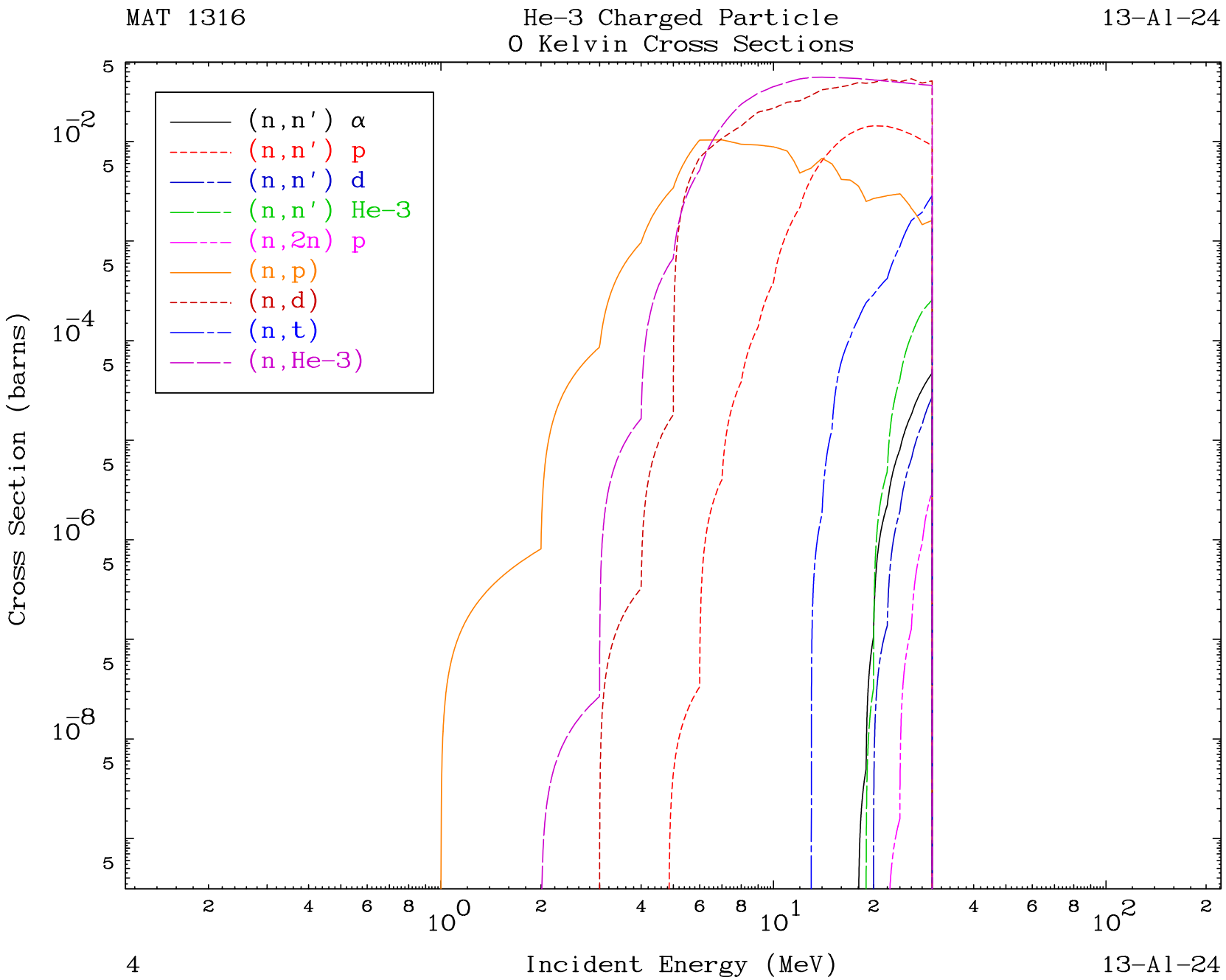
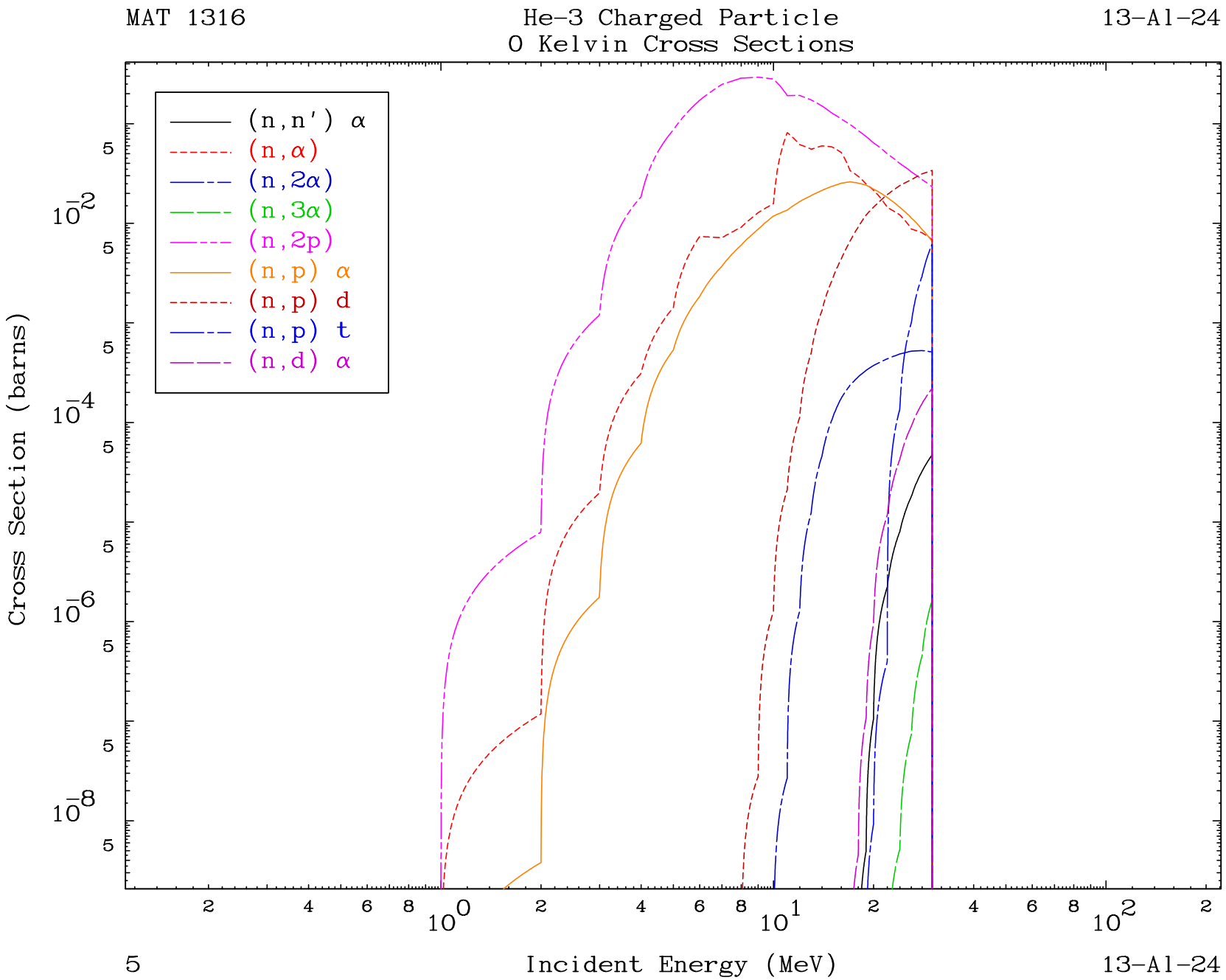
Press Mouse Button to Start

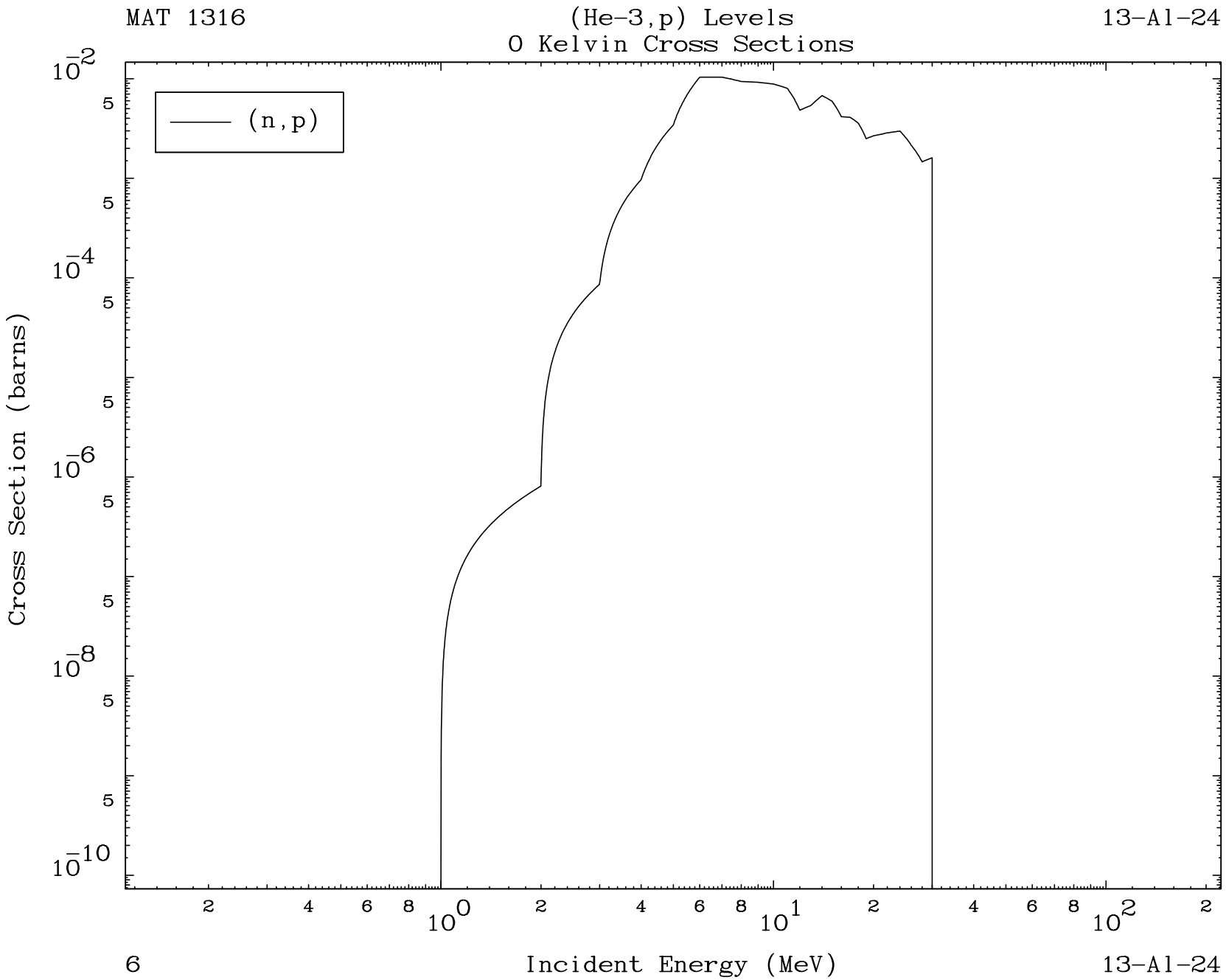

MAT 1316
He-3 Major
13-Al-24
0 Kelvin Cross Sections
Elastic
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
13-Al-24
1

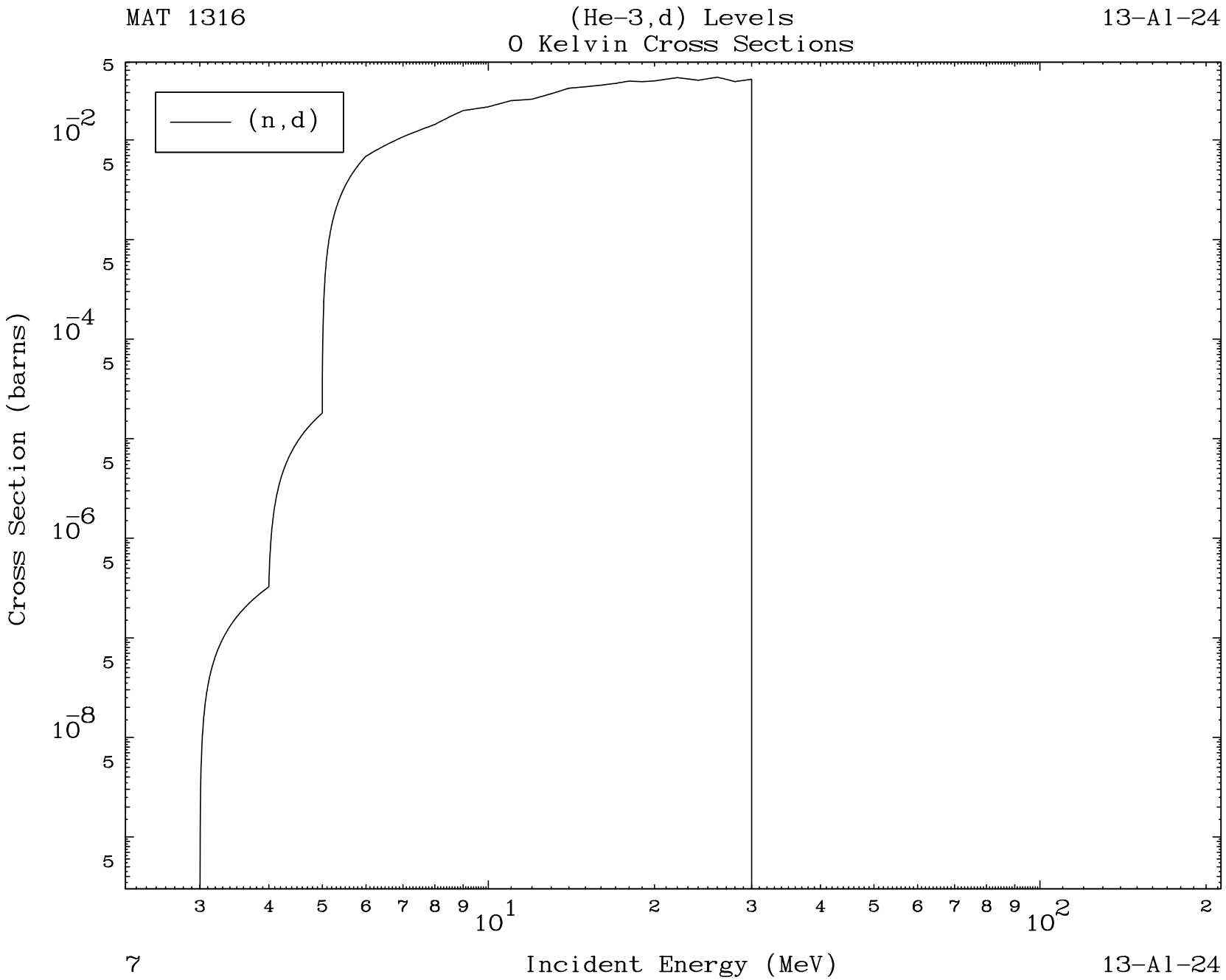

MAT 1316
He-3 Neutron Absorption
0 Kelvin Cross Sections
13-Al-24
(n,2n)
(n,n') α
(n,n') p
(n,n') d
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
2
13-Al-24

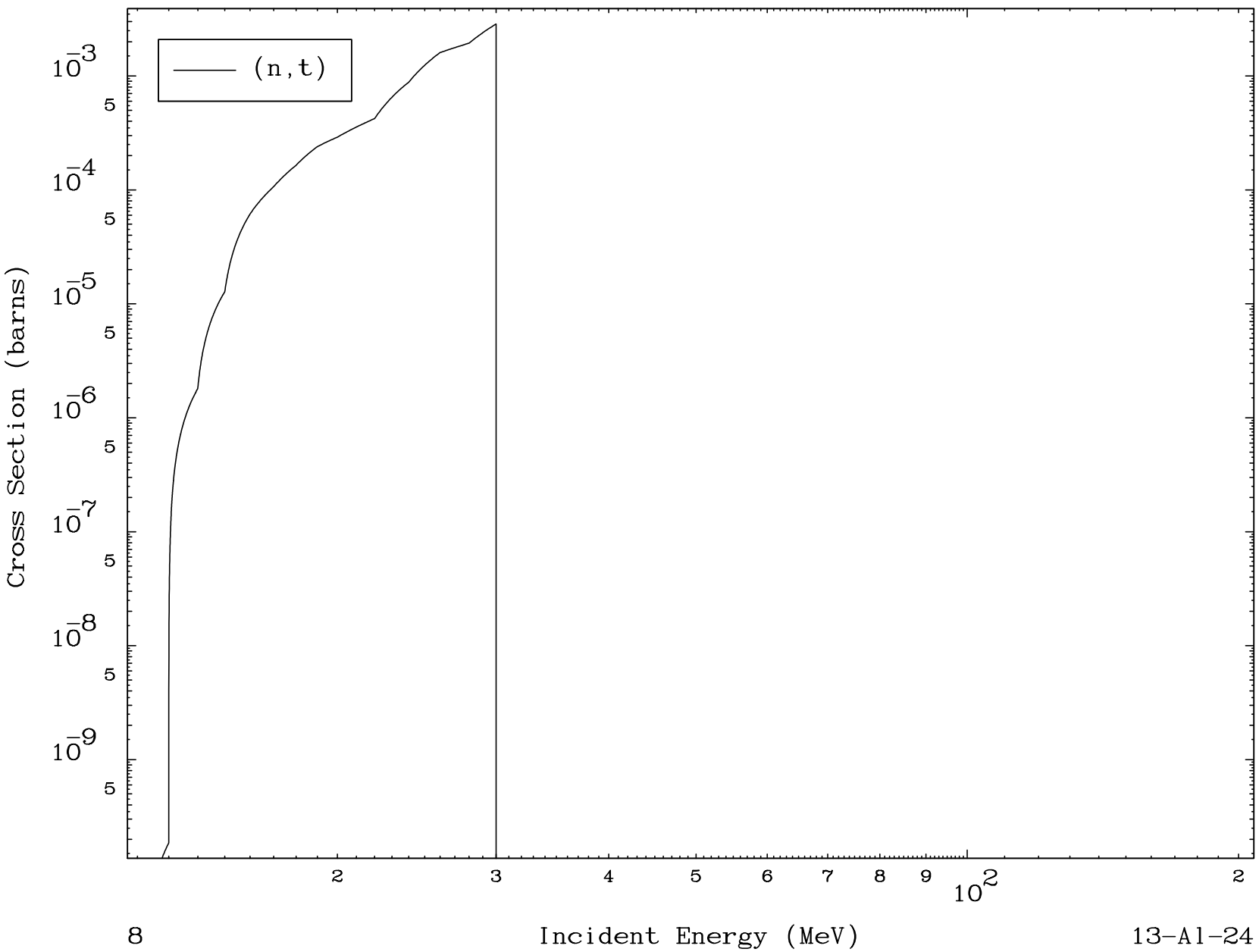

MAT 1316
He-3 Neutron Absorption
0 Kelvin Cross Sections
13-Al-24
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
13-Al-24

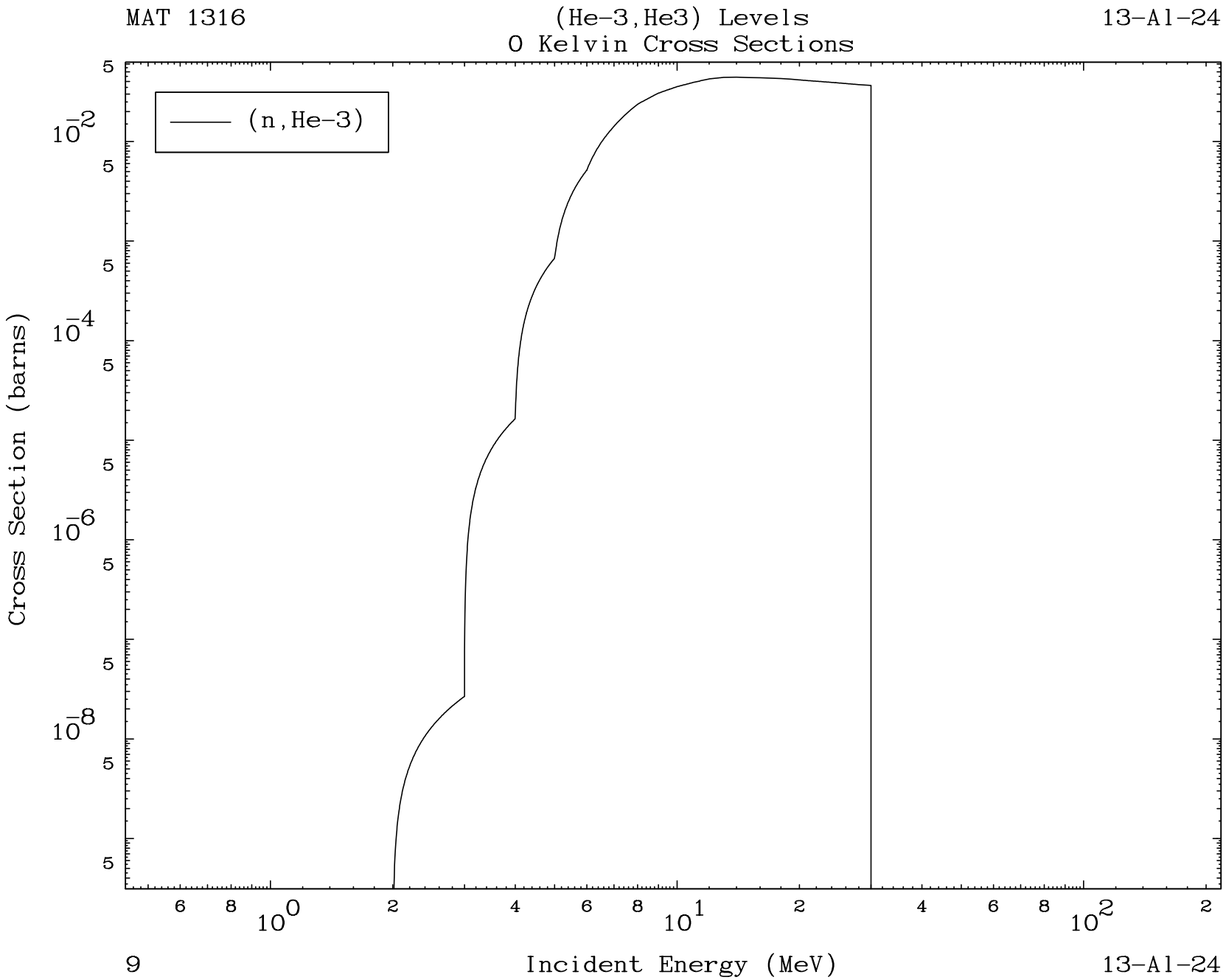

MAT 1316
He-3 Charged Particle
0 Kelvin Cross Sections
13-Al-24
(n,n') α
(n,n') p
(n,n') d
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
4
13-Al-24

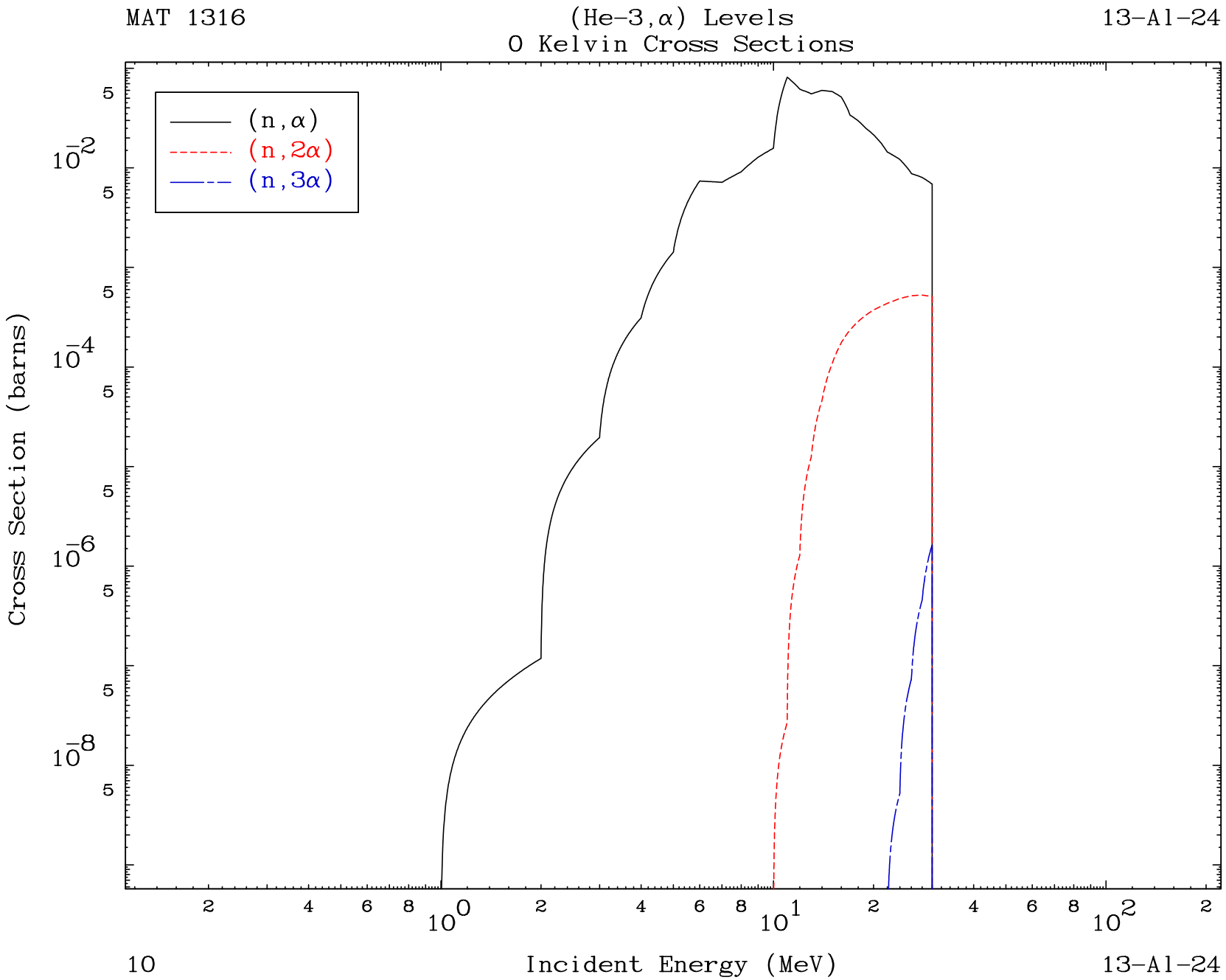

MAT 1316
He-3 Charged Particle
0 Kelvin Cross Sections
13-Al-24
(n,n') α
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
5
13-Al-24

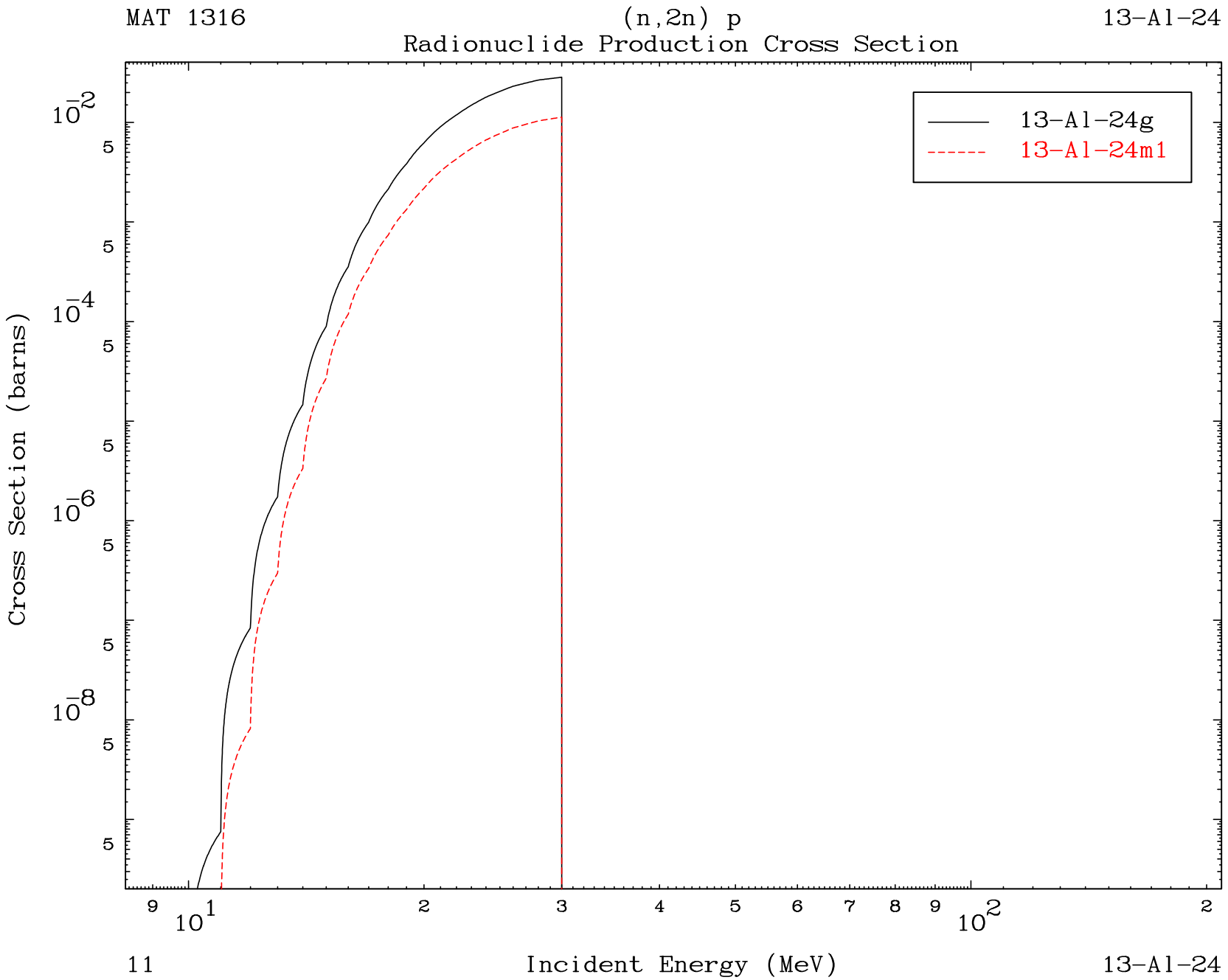

MAT 1316
(He-3,p) Levels
13-Al-24
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
13-Al-24

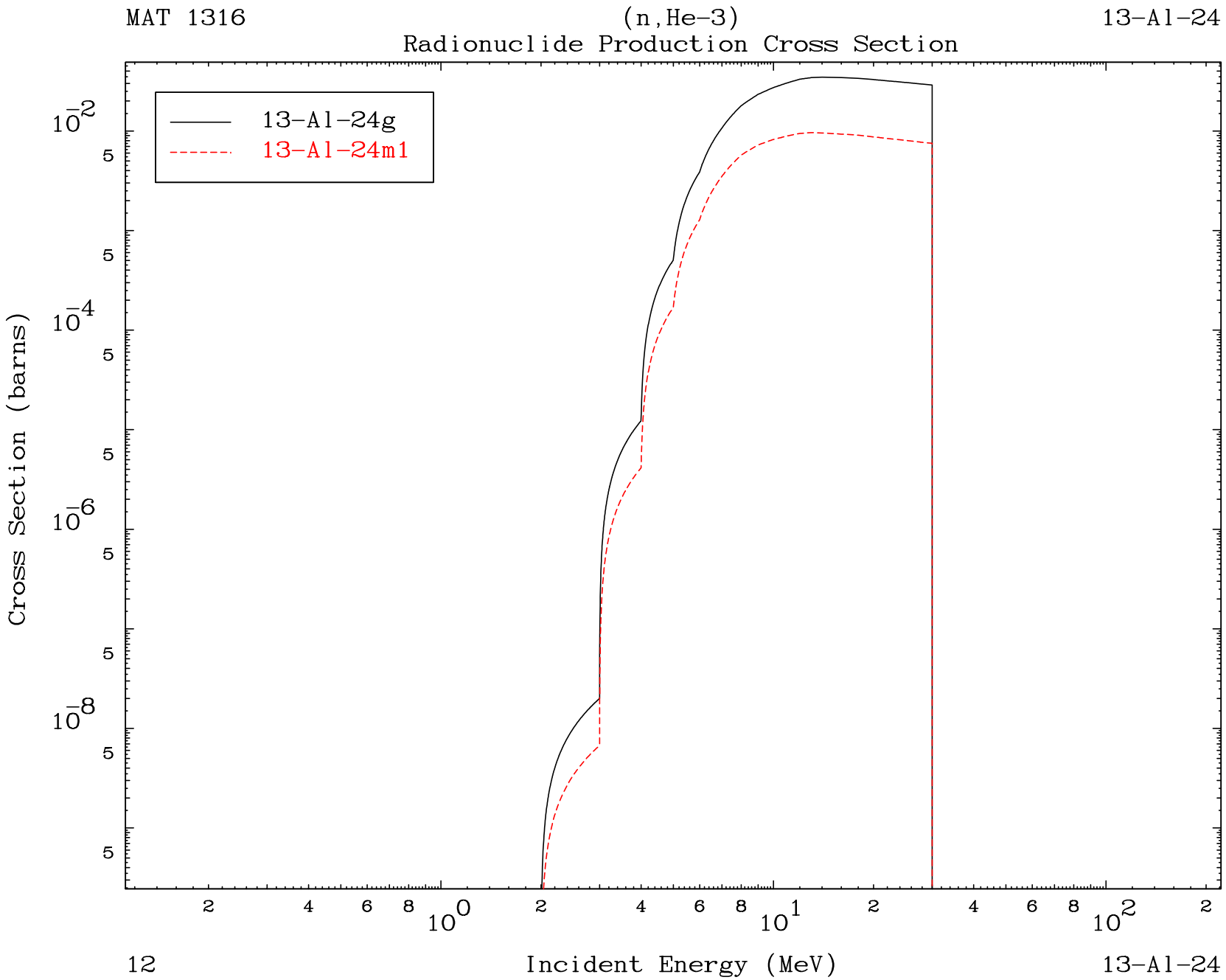

MAT 1316
(He-3,d) Levels
13-Al-24
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
7
13-Al-24

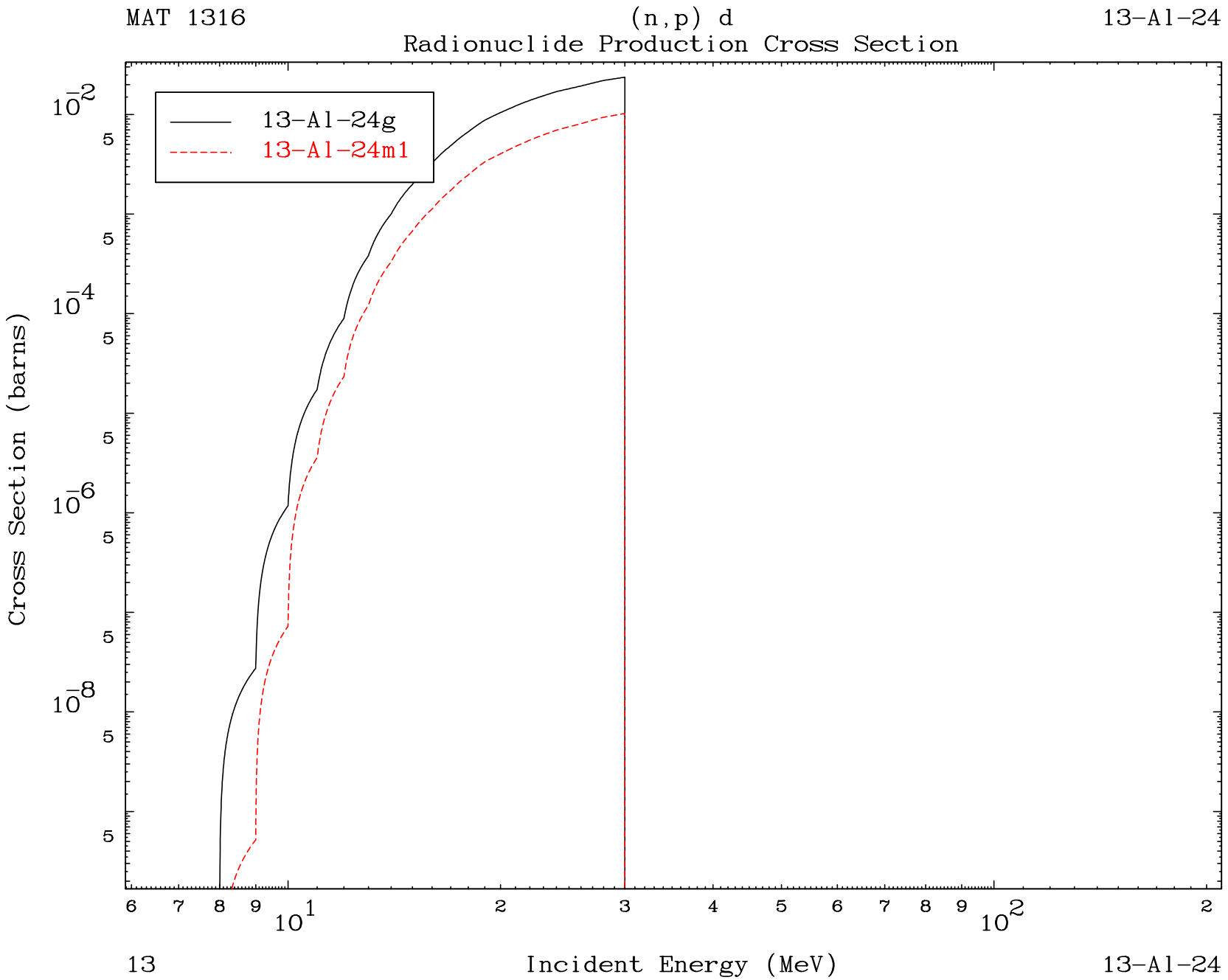

0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-3
5
10-4
5
10-5
5
10-6
5
10-7
5
10-8
5
10-9
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)


MAT 1316
(He-3,He3) Levels
13-Al-24
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
13-Al-24


MAT 1316
(He-3,α) Levels
13-Al-24
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
13-Al-24


MAT 1316
(n,2n) p
13-Al-24
Radionuclide Production Cross Section
13-Al-24g
13-Al-24m1
Cross Section (barns)
Incident Energy (MeV)
11
13-Al-24


MAT 1316
(n,He-3)
13-Al-24
Radionuclide Production Cross Section
13-Al-24g
13-Al-24m1
Cross Section (barns)
Incident Energy (MeV)
12
13-Al-24


MAT 1316
(n,p) d
13-Al-24
Radionuclide Production Cross Section
13-Al-24g
13-Al-24m1
Cross Section (barns)
Incident Energy (MeV)
13
13-Al-24