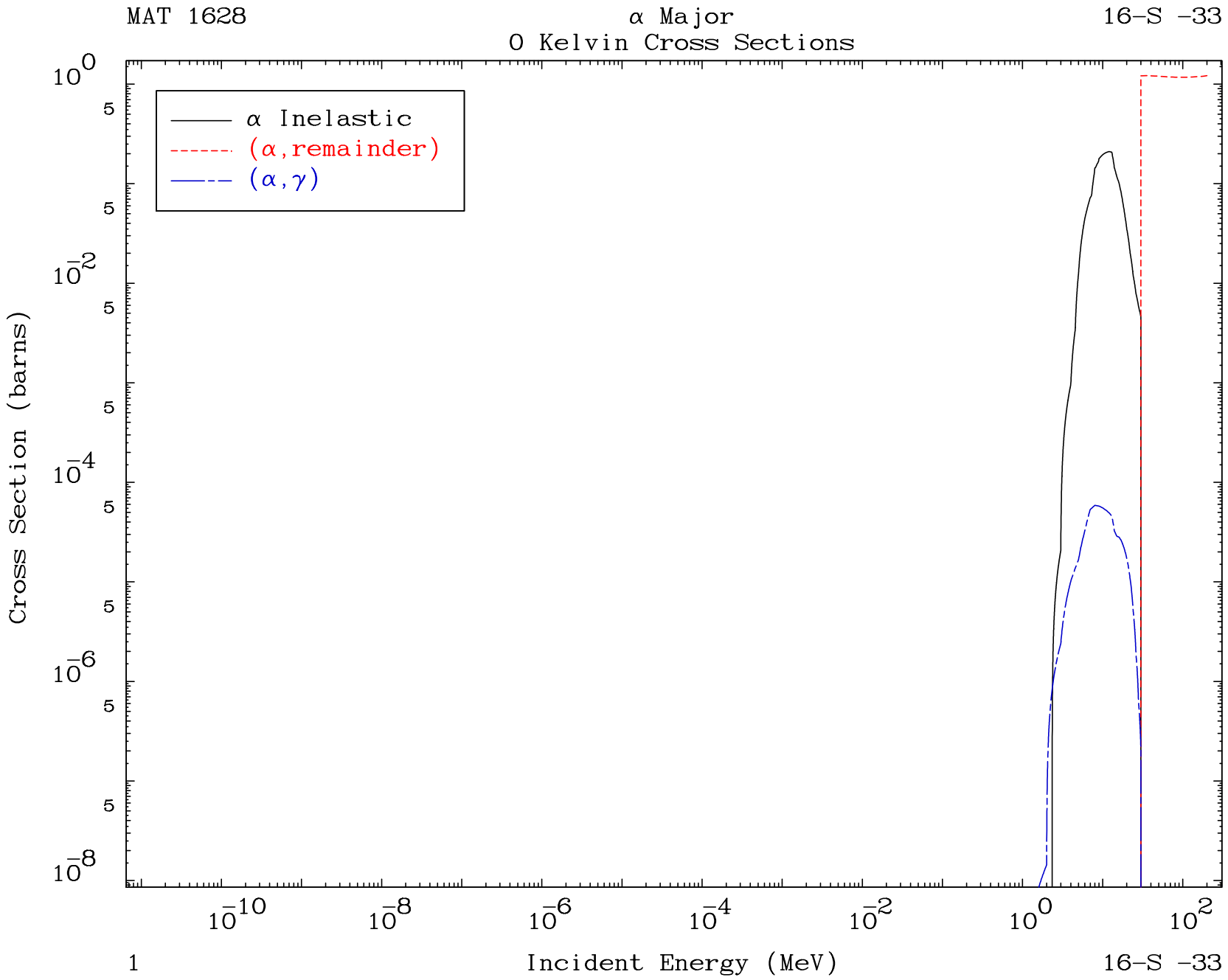
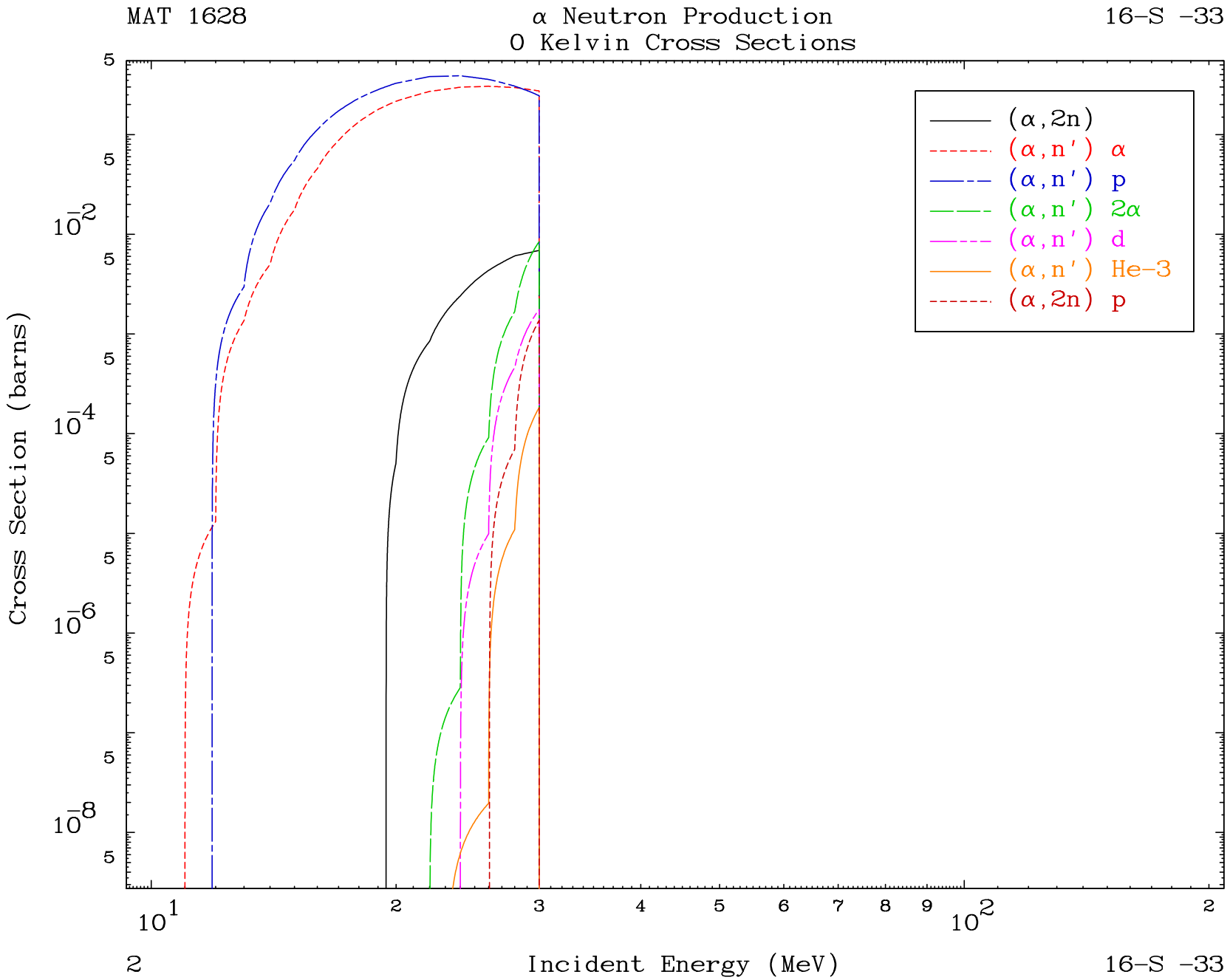
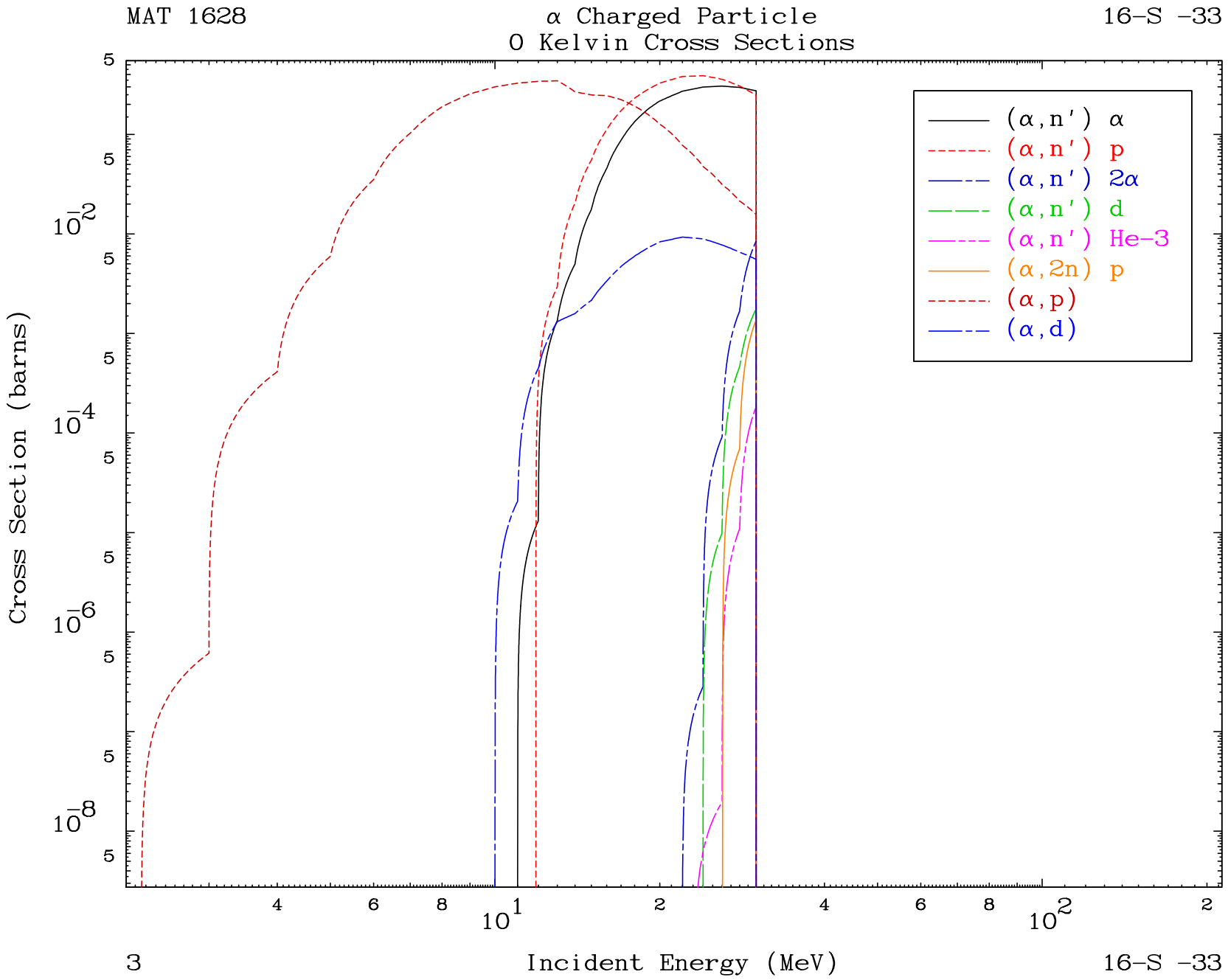
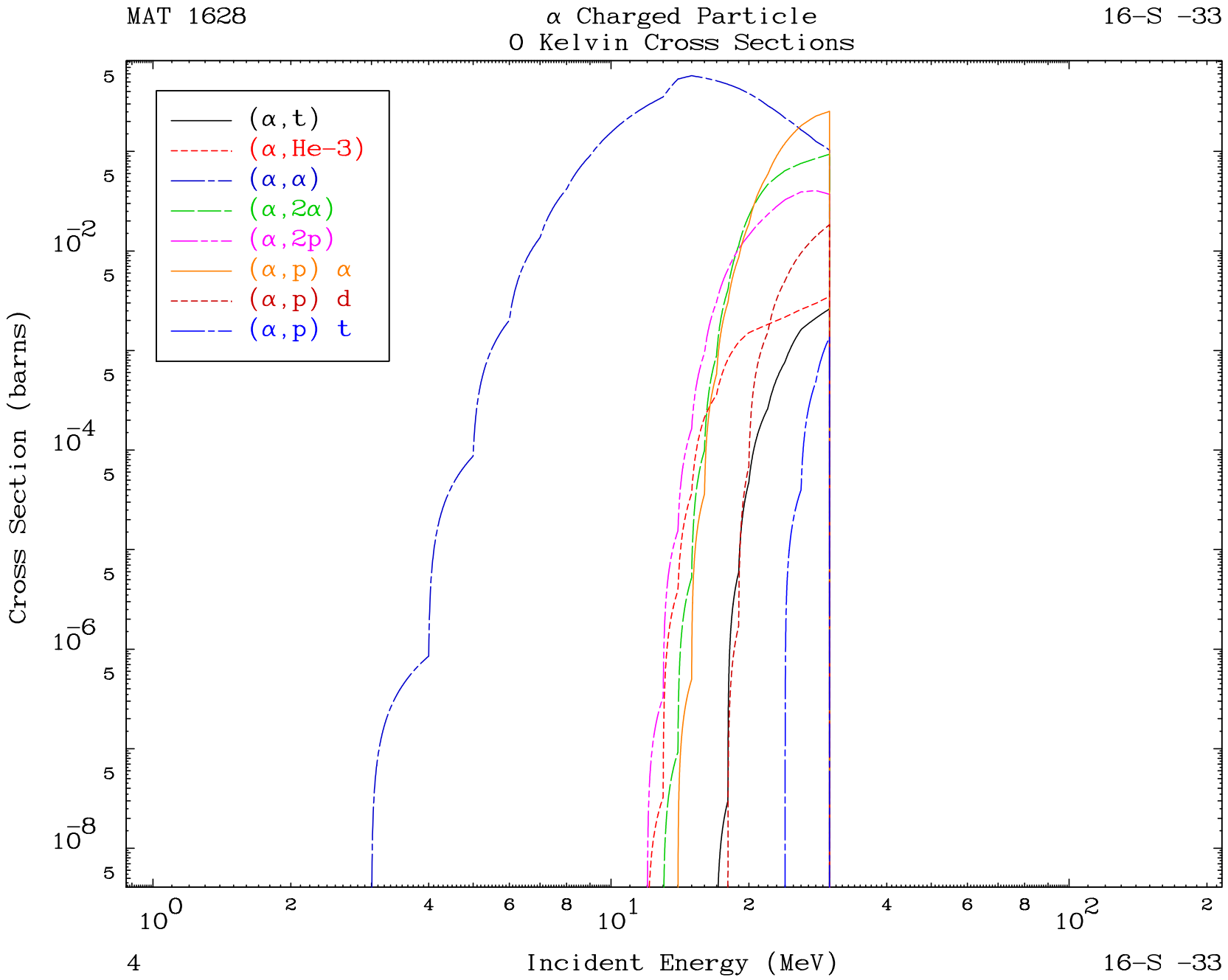
Program EVALPLOT
(Version 2018-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

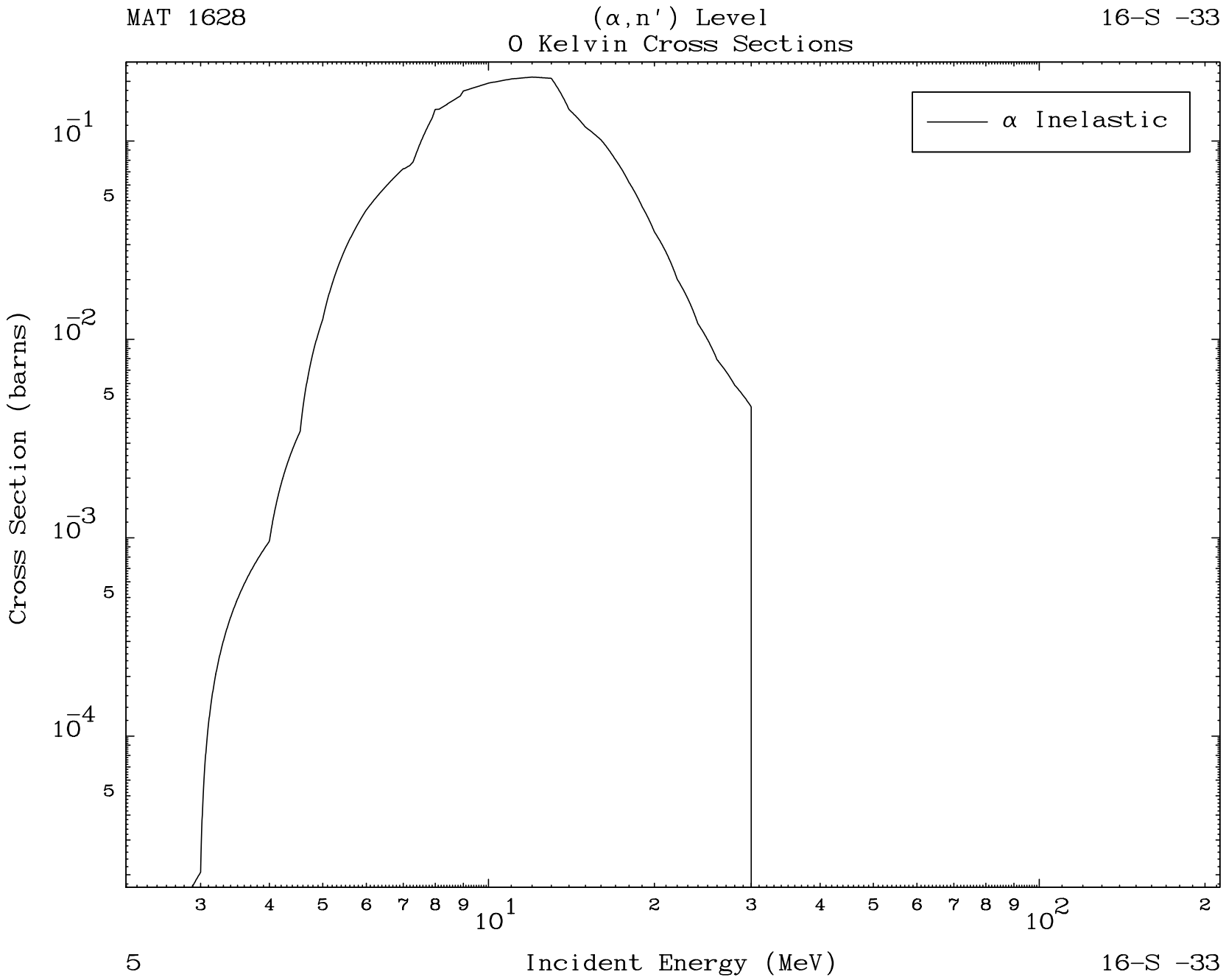
Press Mouse Button to Start

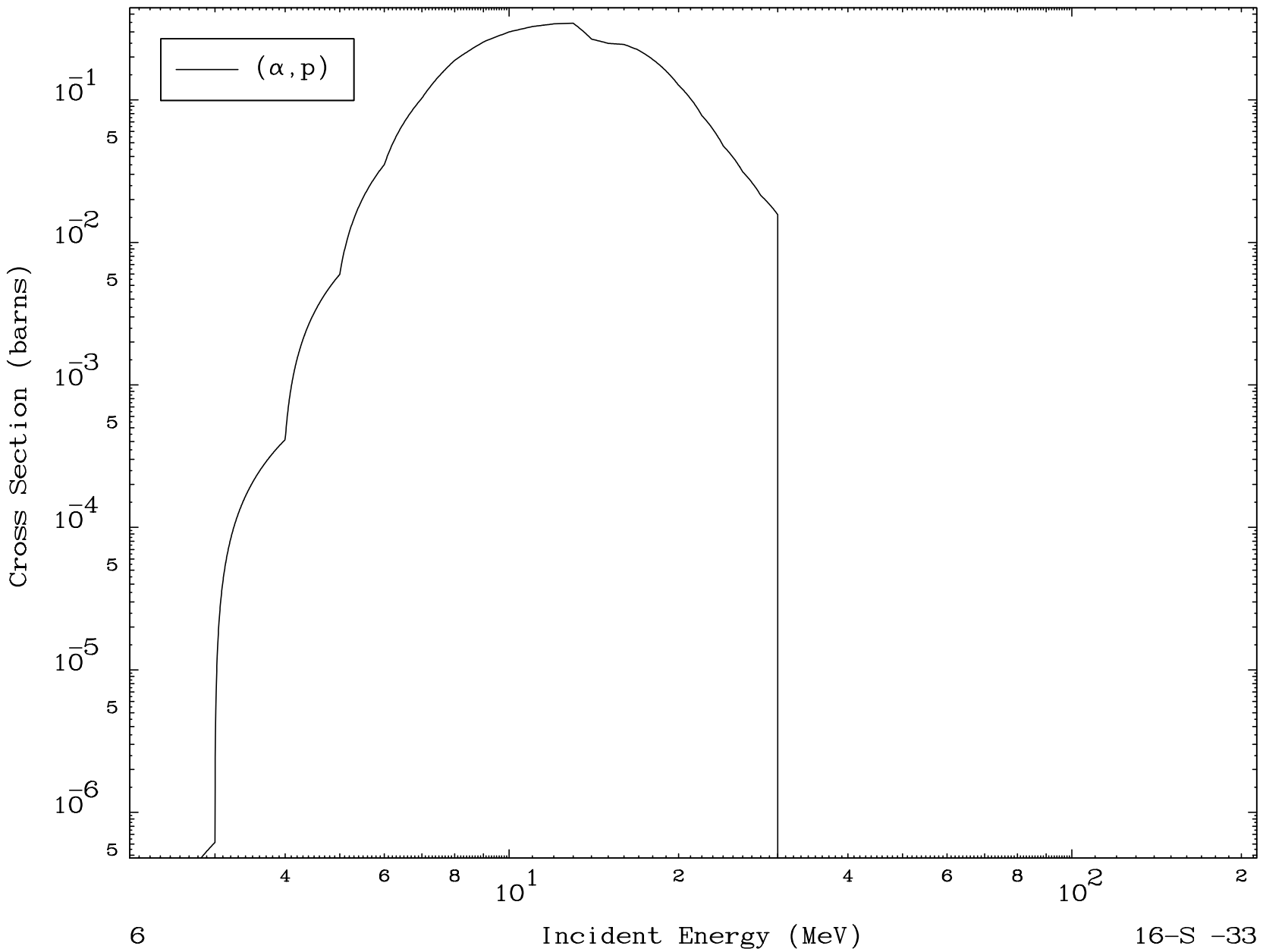

MAT 1628
α Major
16-S -33
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
16-S -33

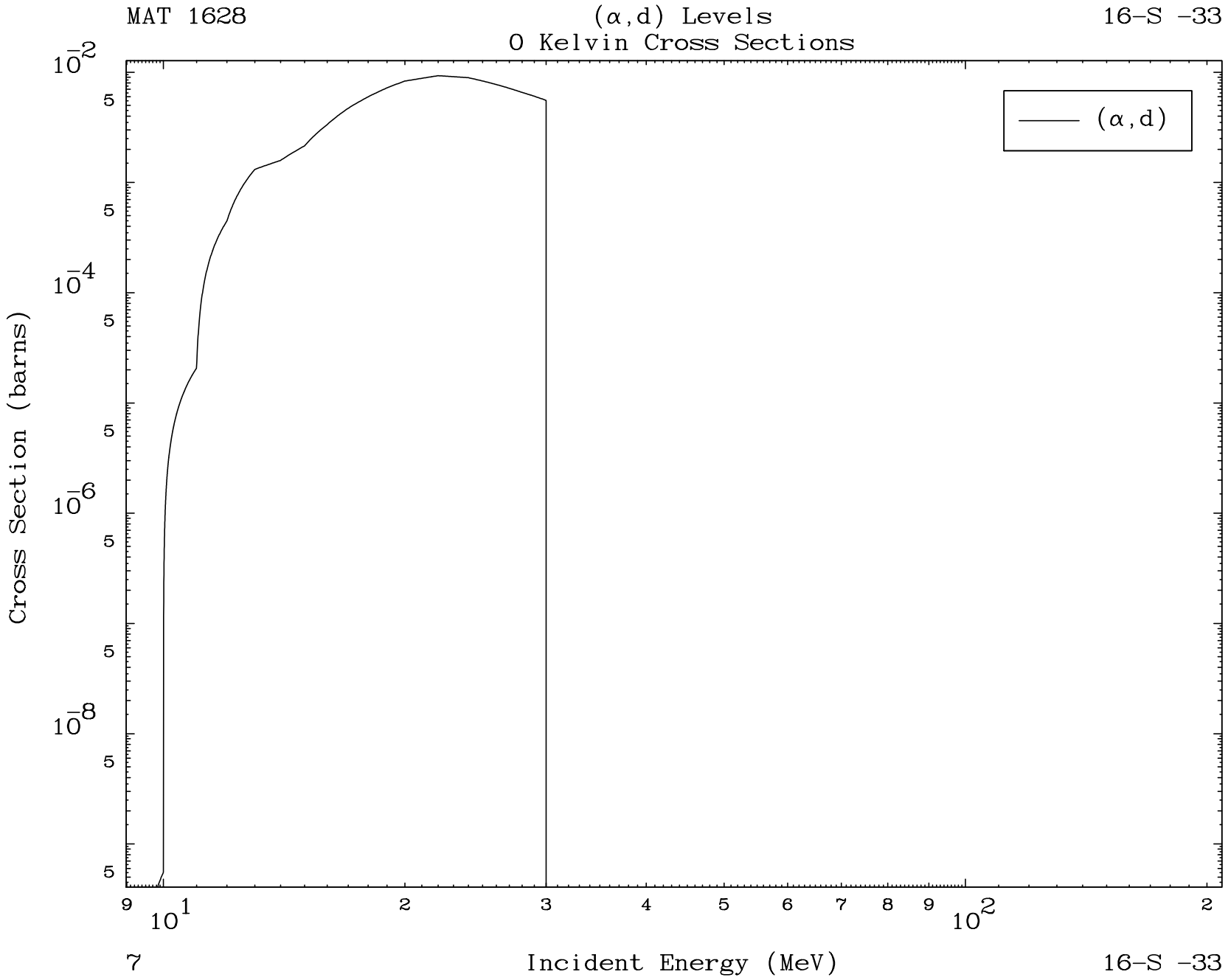

MAT 1628
α Neutron Production
0 Kelvin Cross Sections
16-S -33
Cross Section (barns)
Incident Energy (MeV)
16-S -33
(α,2n)
(α,n') α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') He-3
(α,2n) p


MAT 1628
α Charged Particle
0 Kelvin Cross Sections
16-S -33
Cross Section (barns)
Incident Energy (MeV)
3
16-S -33
(α,n') α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') He-3
(α,2n) p
(α,p)
(α,d)

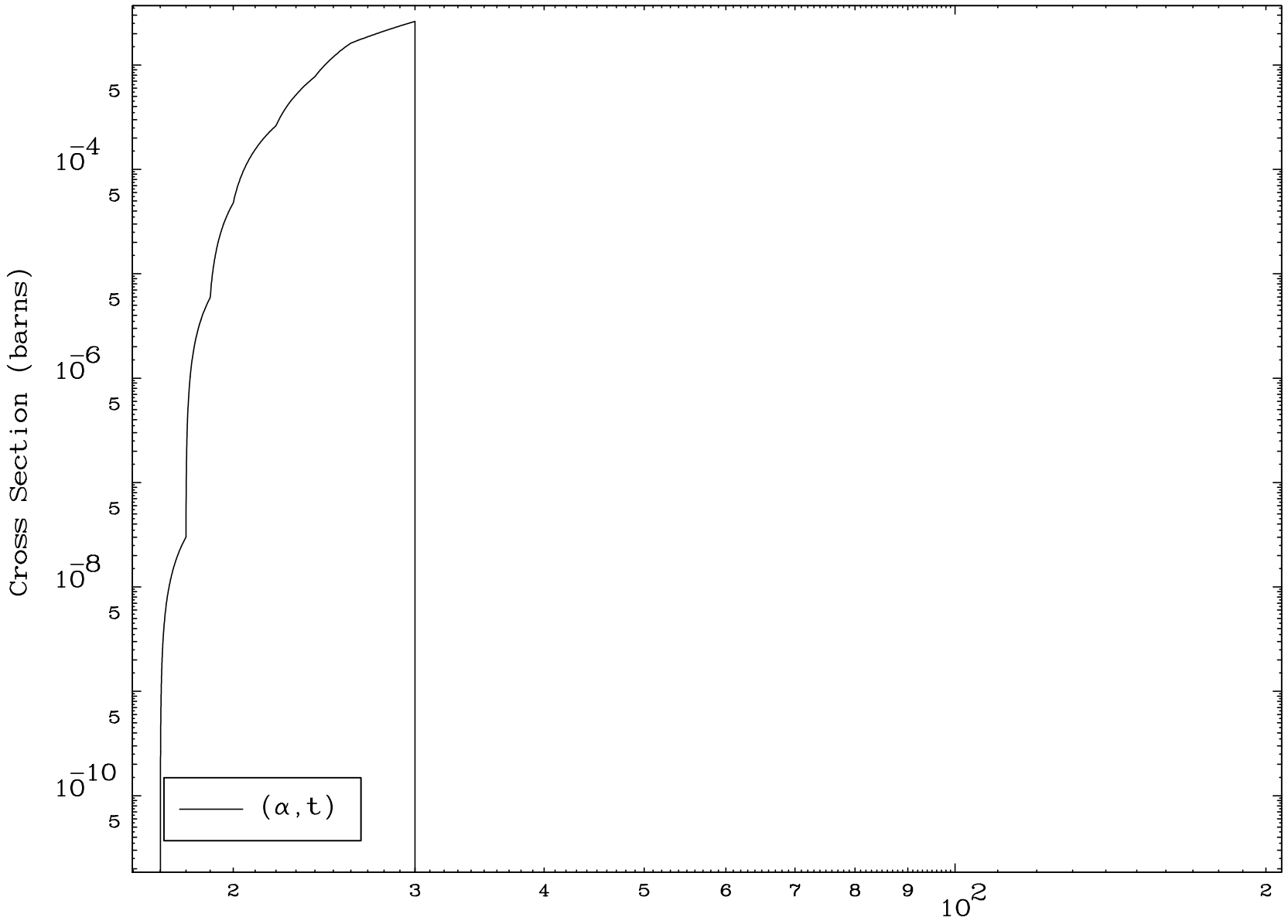

MAT 1628
α Charged Particle
0 Kelvin Cross Sections
16-S -33
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
4
16-S -33

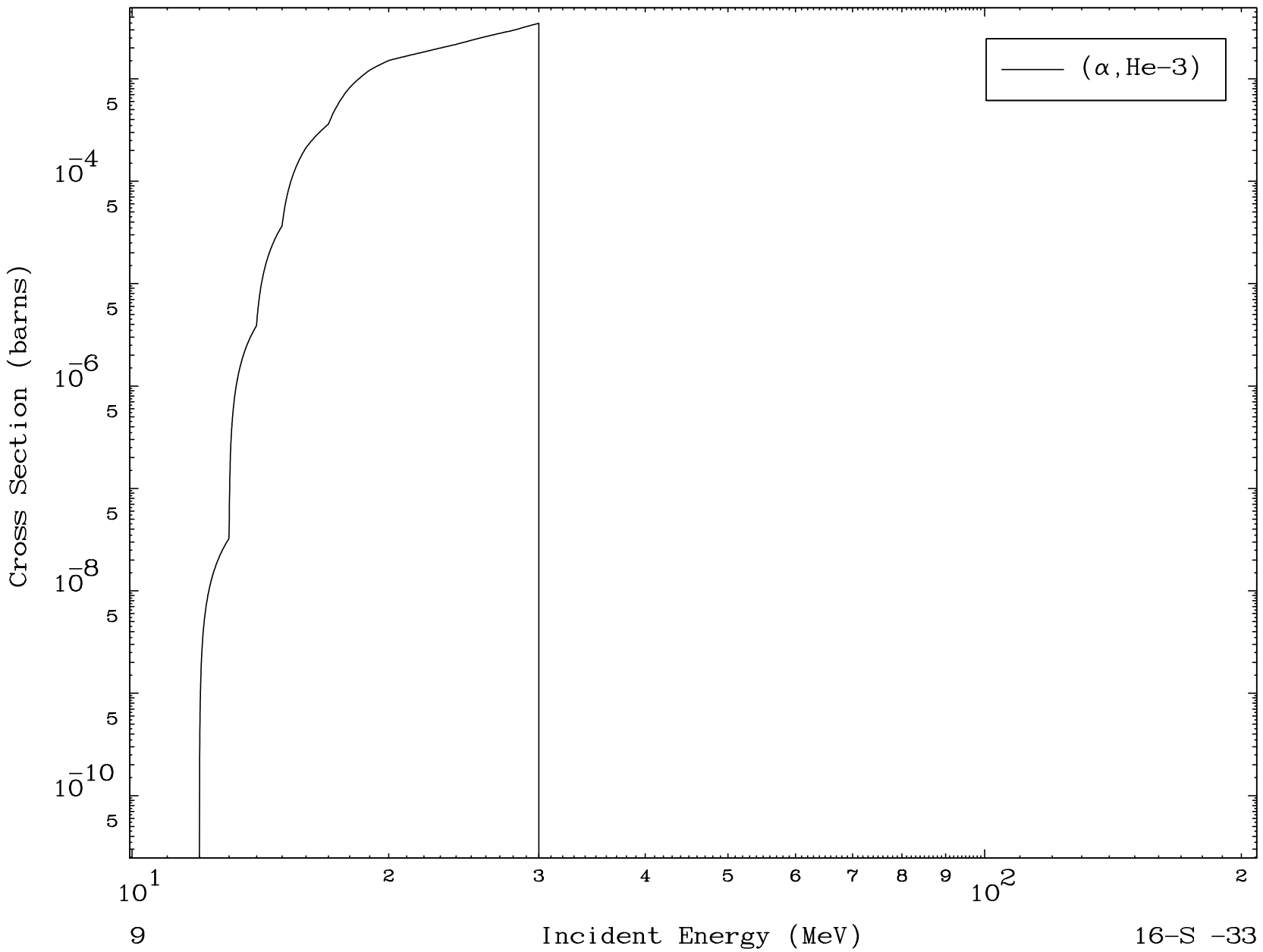

MAT 1628
(α,n') Level
16-S -33
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-1
5
10-2
5
10-3
5
10-4
5
3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
5
Incident Energy (MeV)
16-S -33

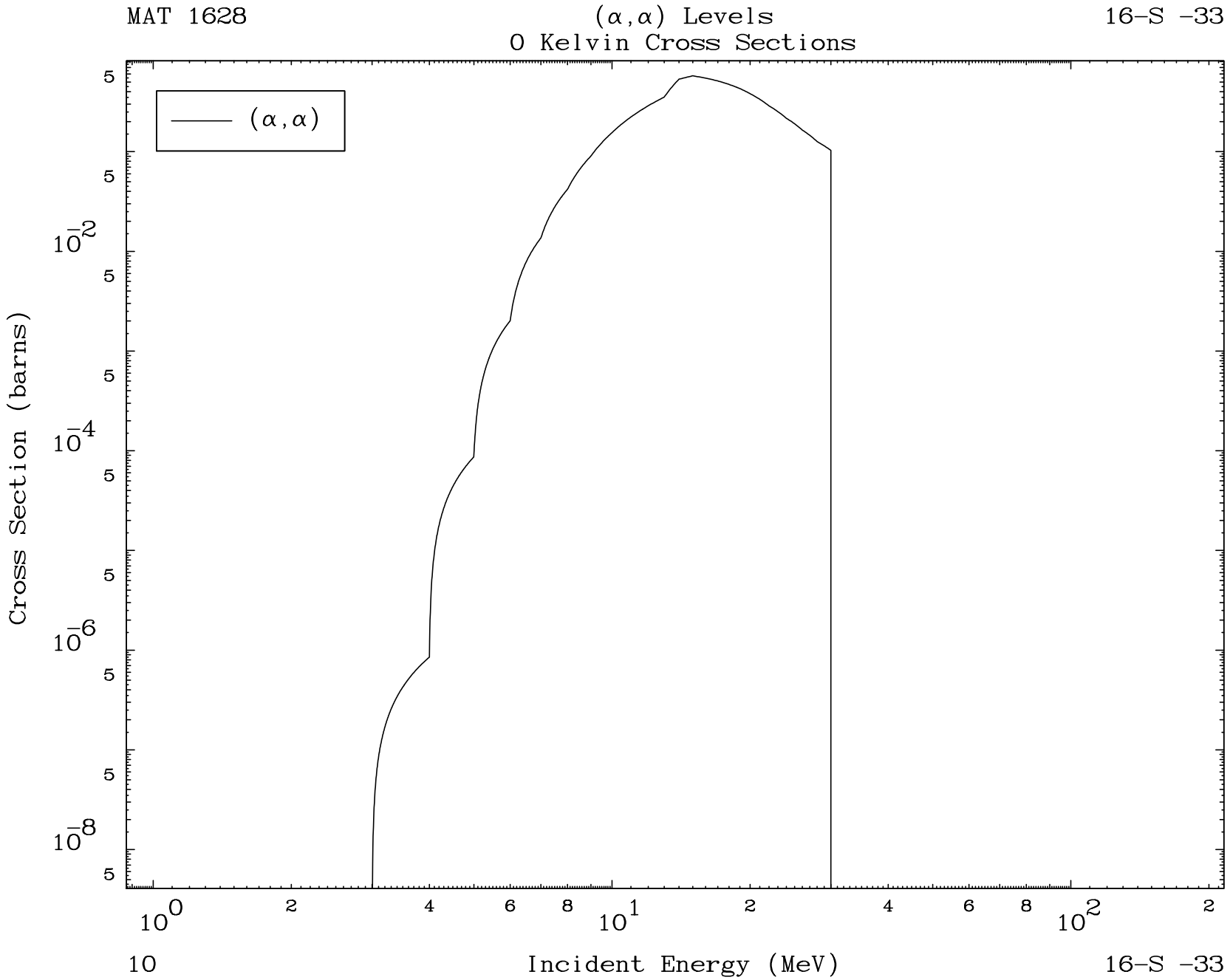

0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-1
10-2
10-3
10-4
10-5
10-6
5
4
6
8
10 1
2
4
6
8
10 2
2
Incident Energy (MeV)

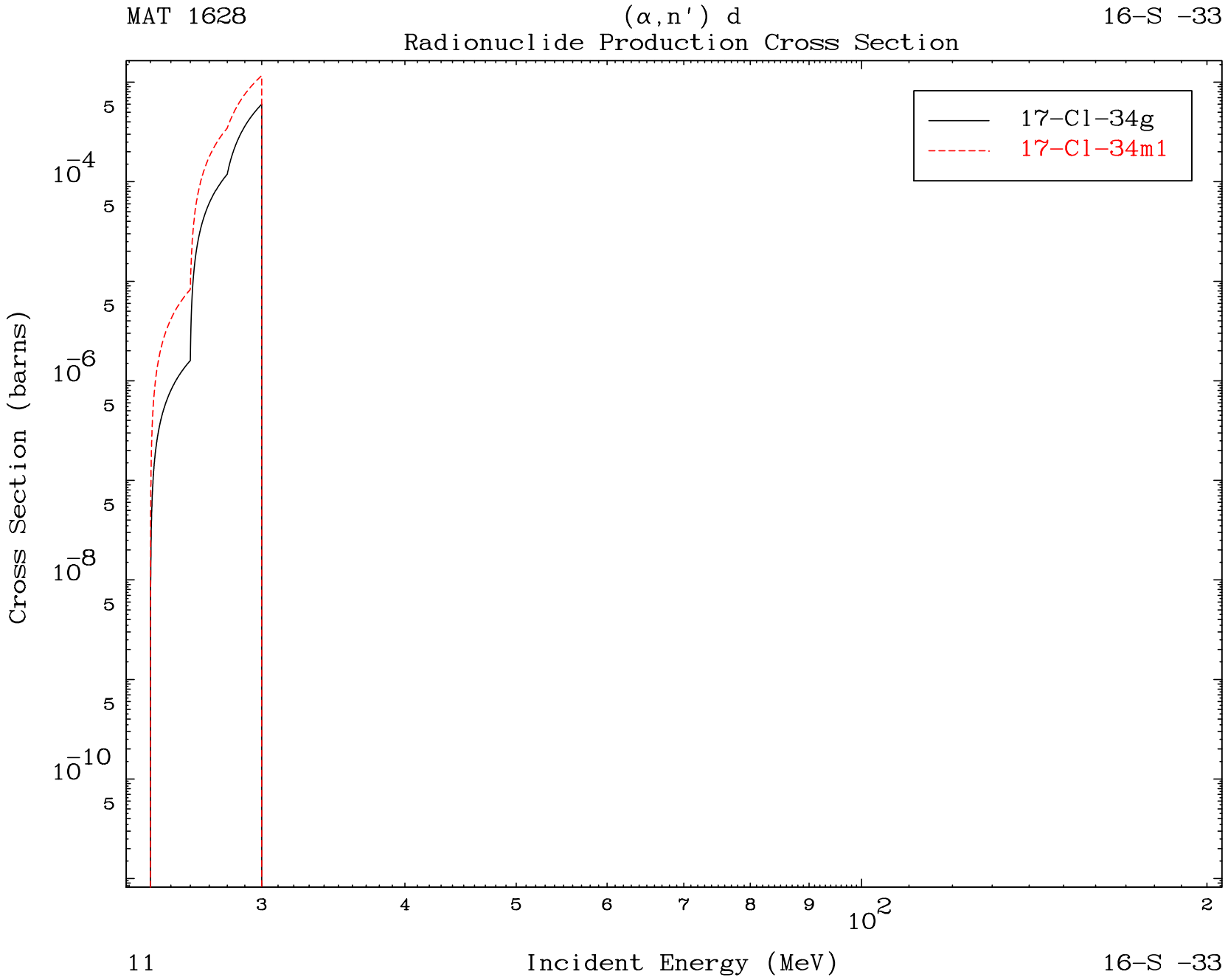

MAT 1628
(α,d) Levels
16-S -33
0 Kelvin Cross Sections
Cross Section (barns)
10-2
5
10-4
5
10-6
5
10-8
5
5
9
10 1
2
3
4
5
6
7
8
9
10 2
2
(α,d)
7
Incident Energy (MeV)
16-S -33

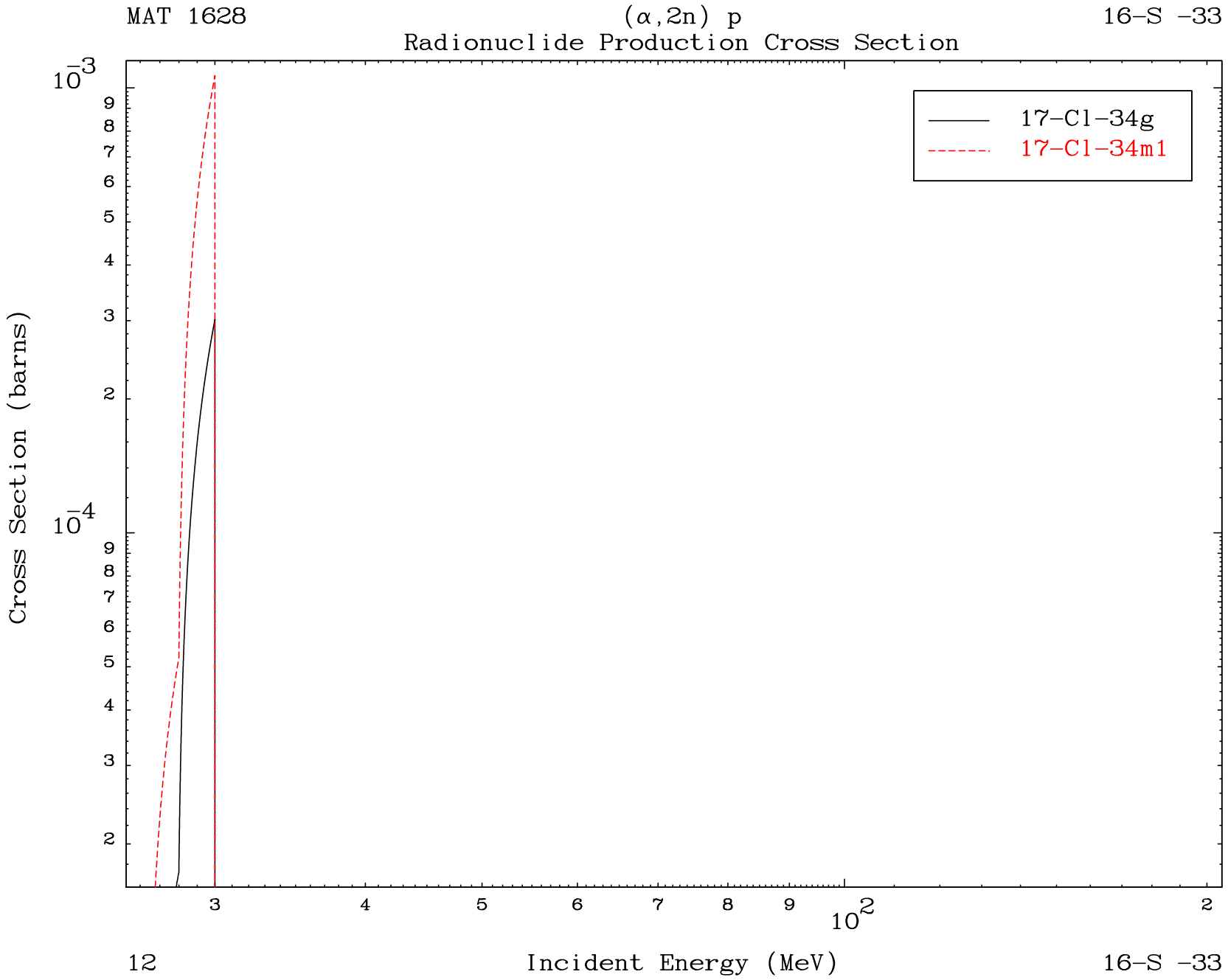
0 Kelvin Cross Sections

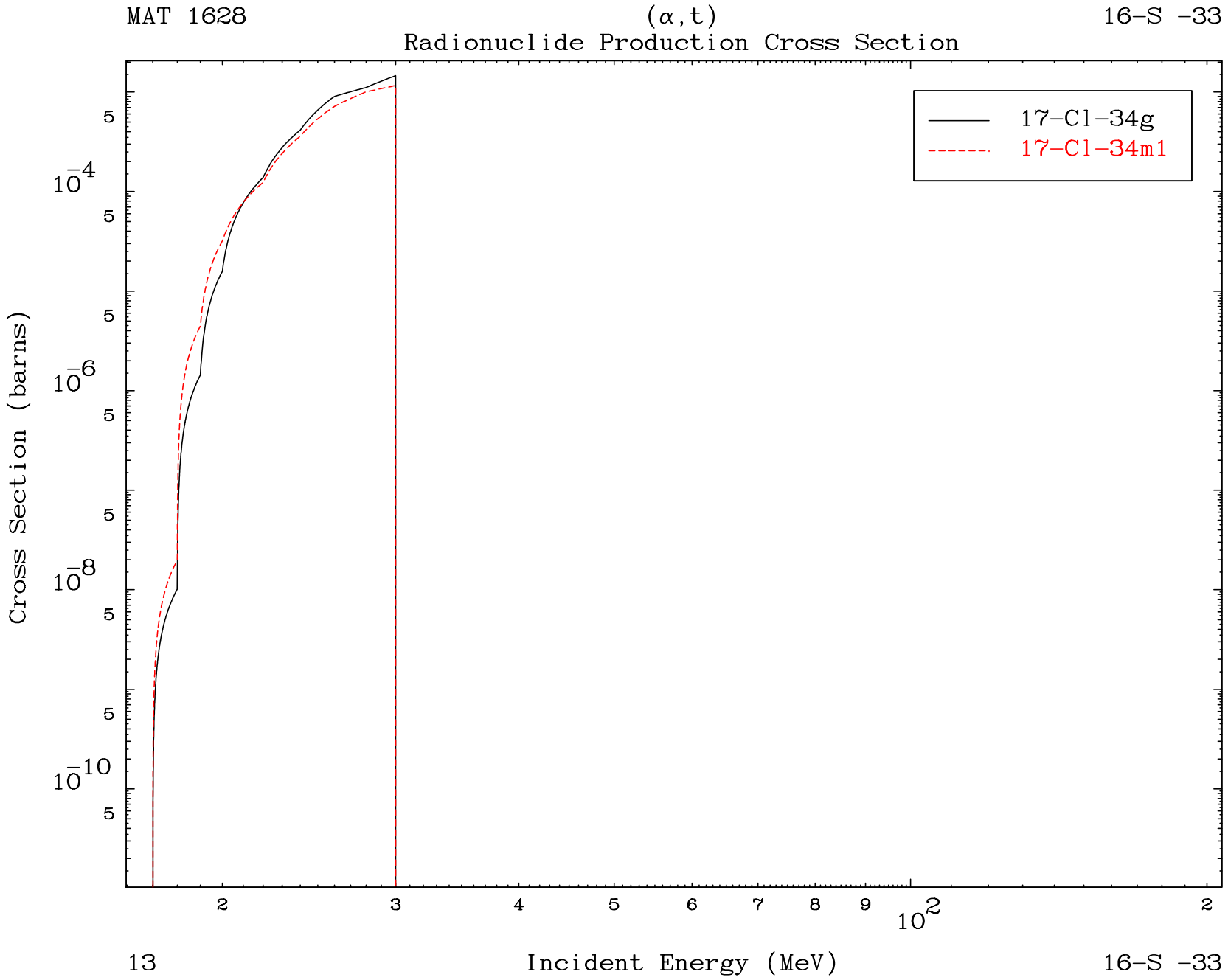



0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
101
2
3
4
5
6
7
8
9
102
2
Incident Energy (MeV)


MAT 1628
(α,α) Levels
16-S -33
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
16-S -33


MAT 1628
(α,n') d
16-S -33
Radionuclide Production Cross Section
17-Cl-34g
17-Cl-34m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
3
4
5
6
7
8
9
10^2
2
11
Incident Energy (MeV)
16-S -33


MAT 1628
(α,2n) p
16-S -33
Radionuclide Production Cross Section
17-Cl-34g
17-Cl-34m1
Cross Section (barns)
10-3
10-4
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
16-S -33


MAT 1628
(α,t)
16-S -33
Radionuclide Production Cross Section
17-Cl-34g
17-Cl-34m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
16-S -33