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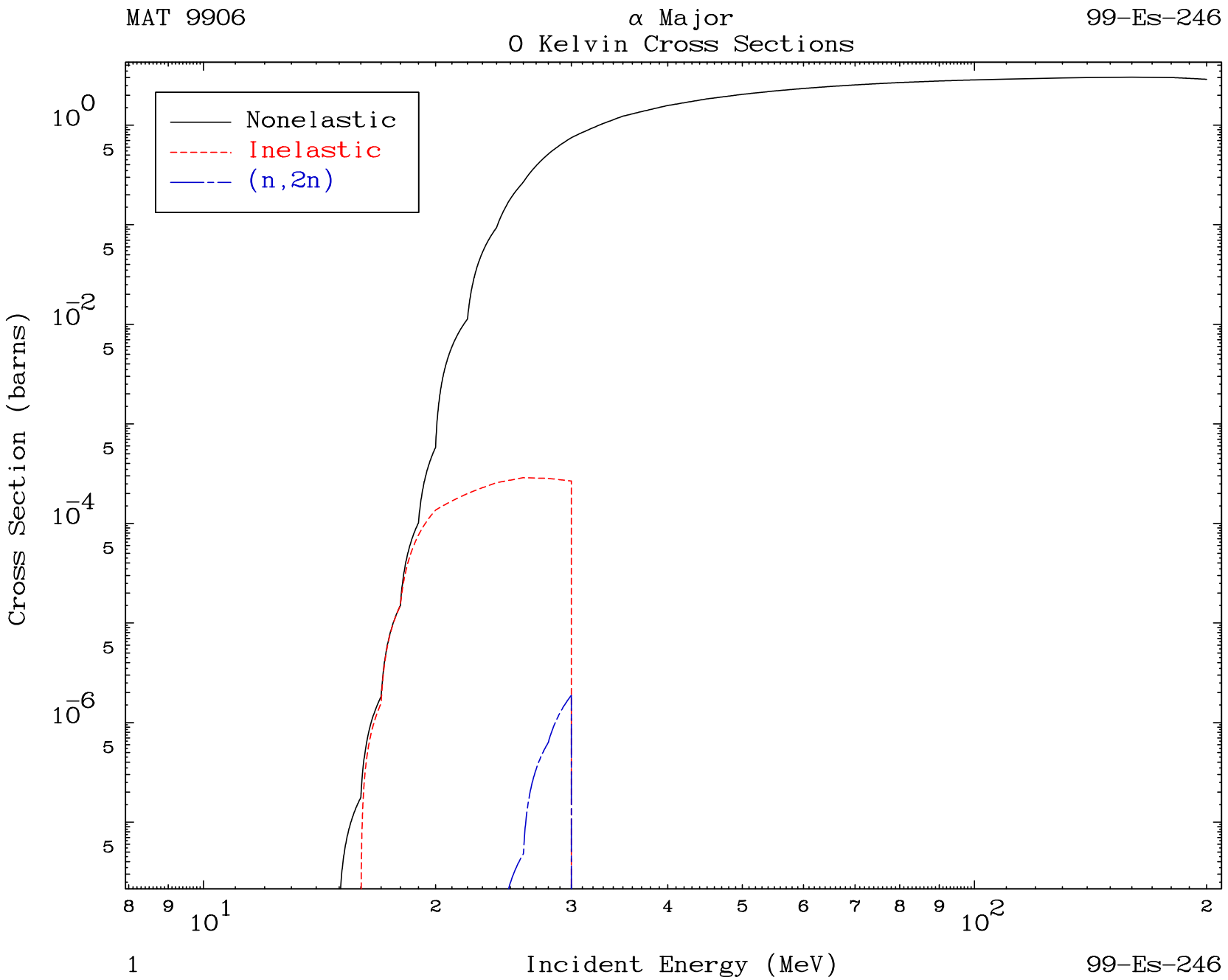
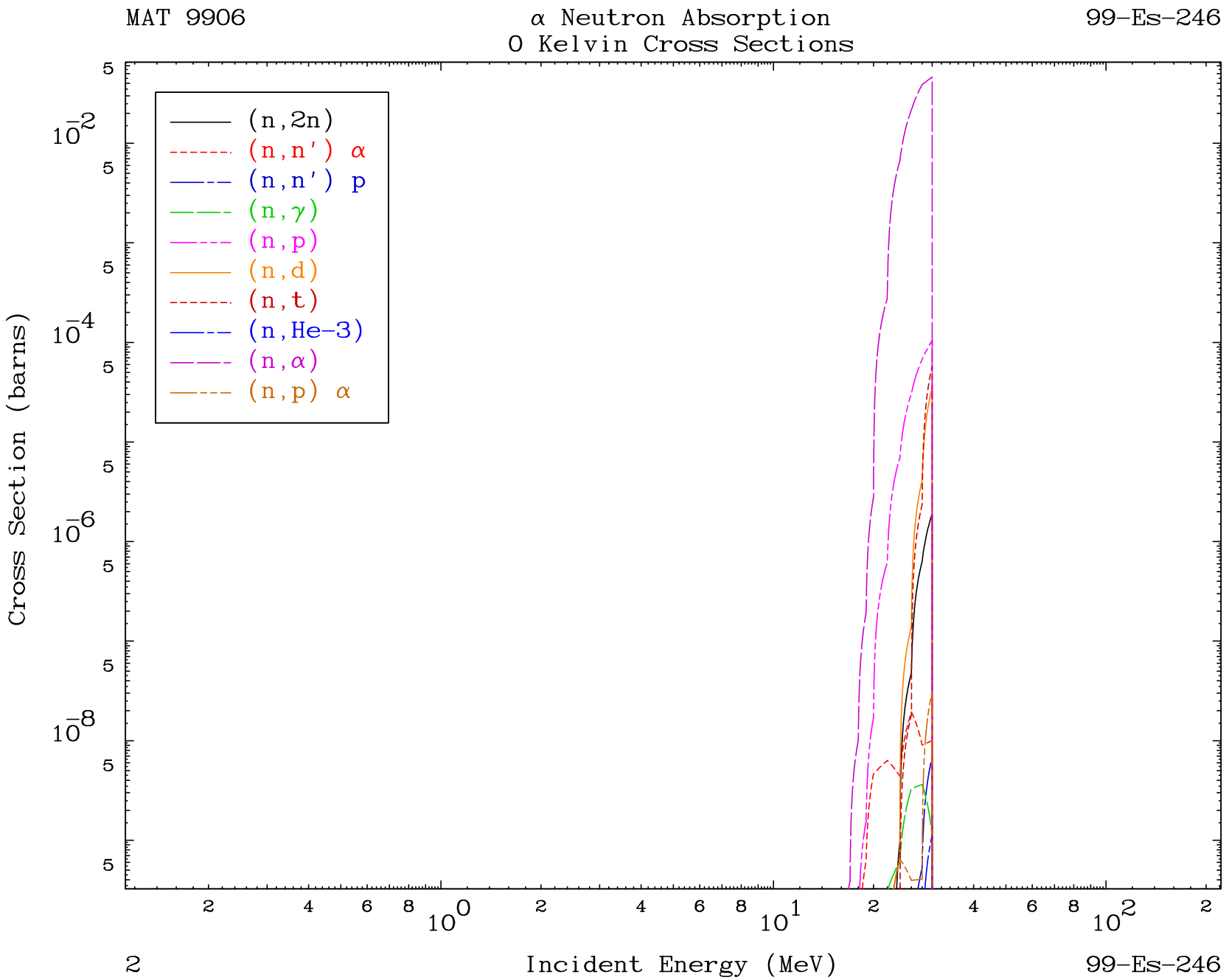
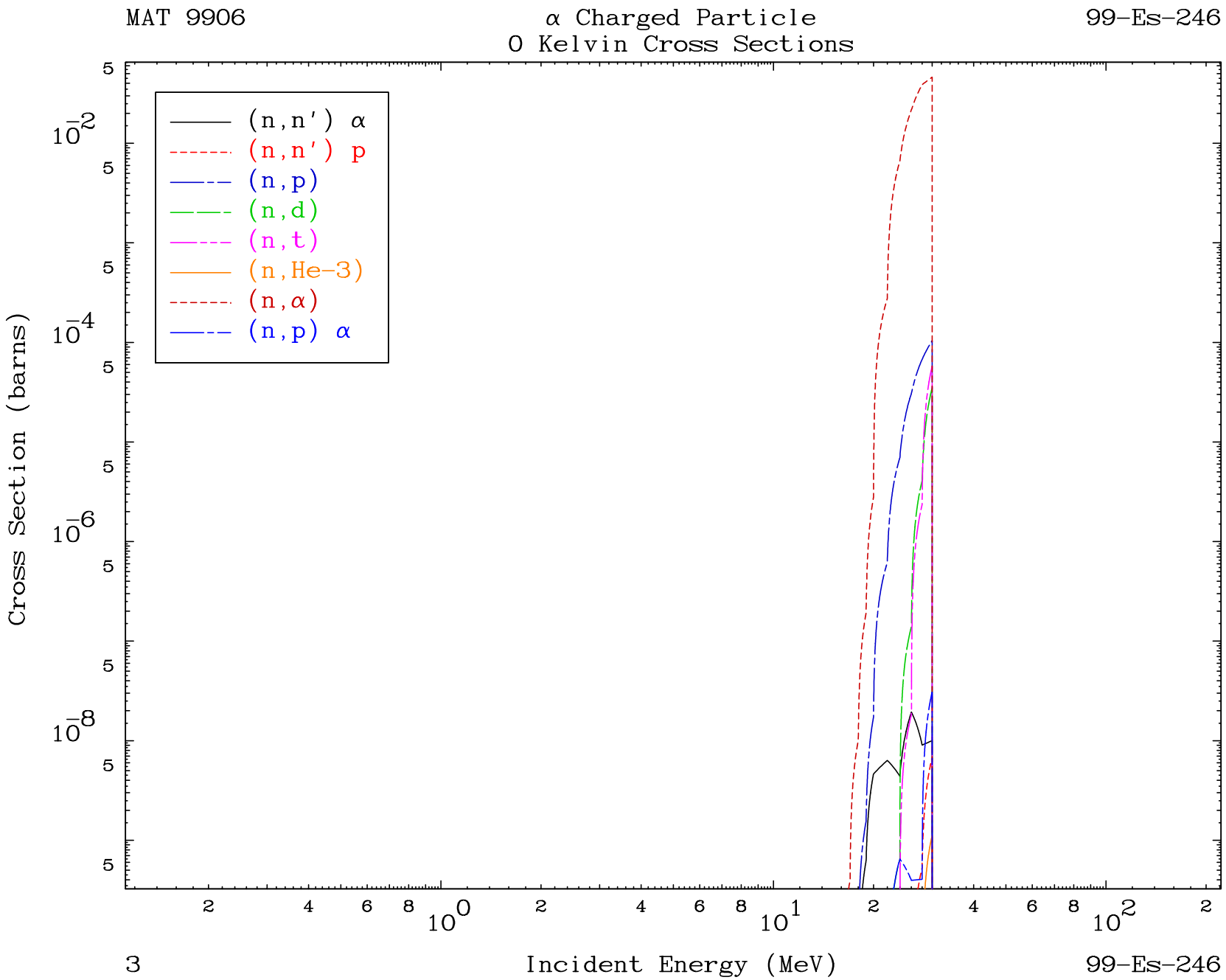
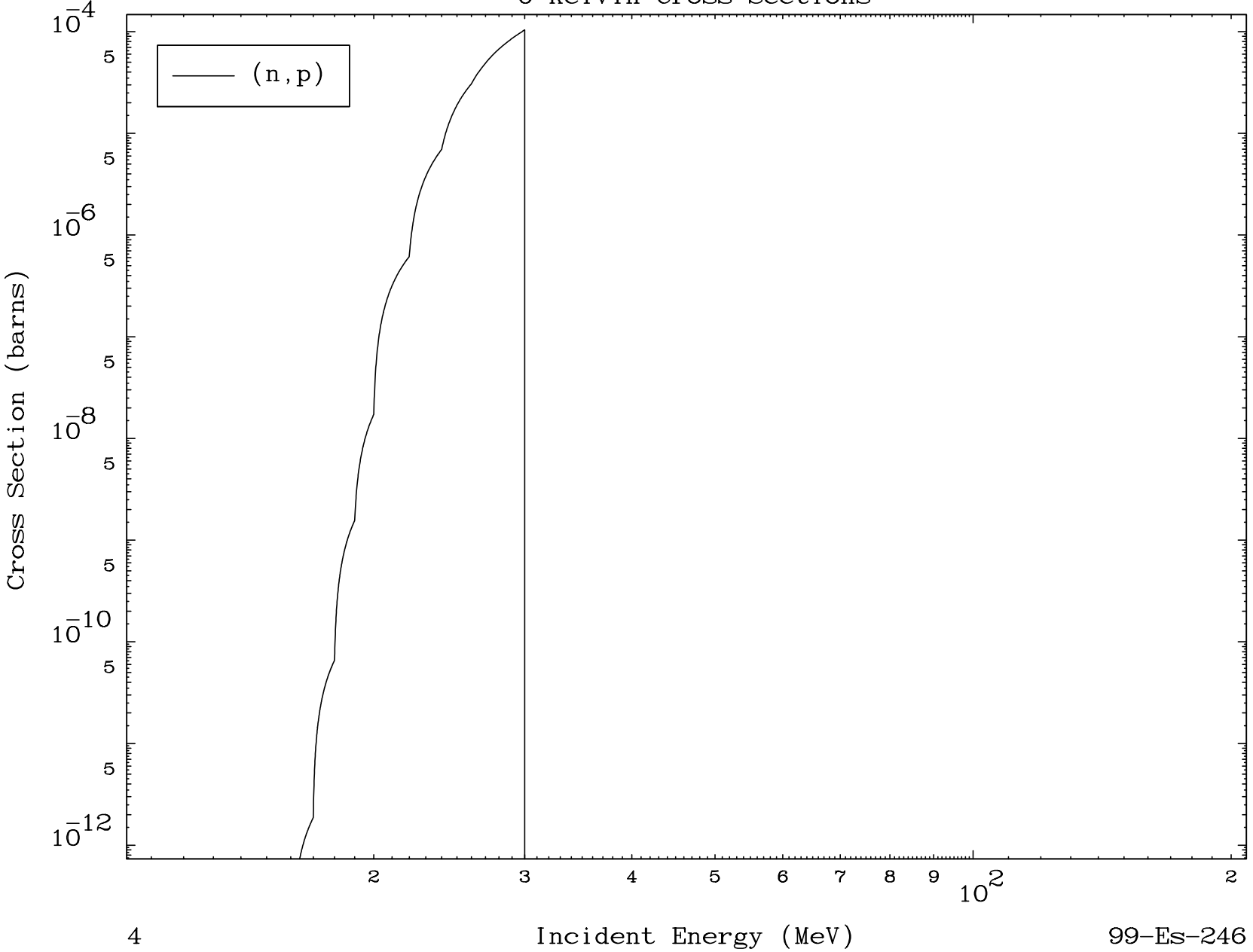
Press Mouse Button to Start


MAT 9906
α Major
99-Es-246
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
1
Incident Energy (MeV)
99-Es-246

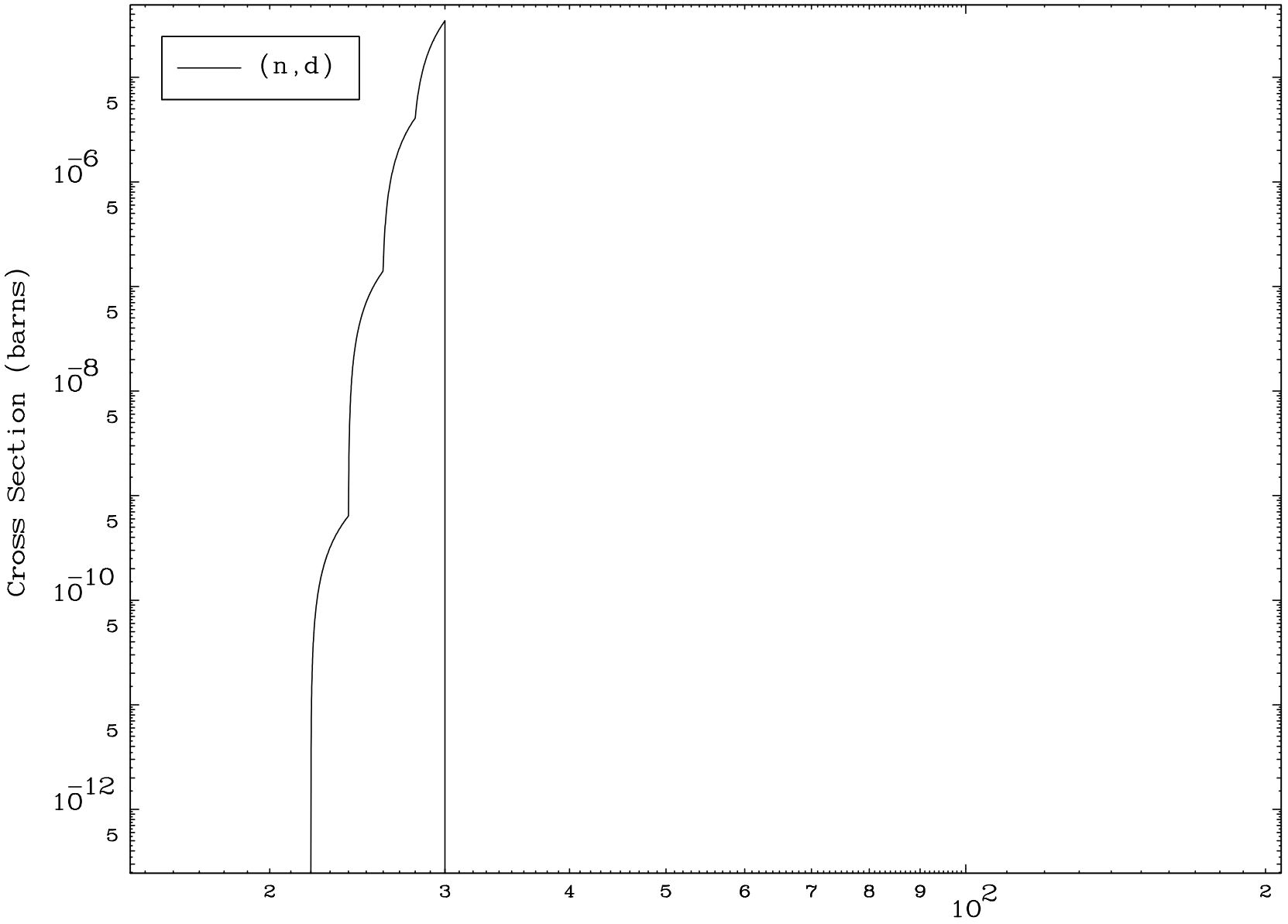

MAT 9906
α Neutron Absorption
0 Kelvin Cross Sections
99-Es-246
(n,2n)
(n,n') α
(n,n') p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
99-Es-246
2


MAT 9906
α Charged Particle
0 Kelvin Cross Sections
99-Es-246
(n,n') α
(n,n') p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
3
99-Es-246


0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
5
10^-6
5
10^-8
5
10^-10
5
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

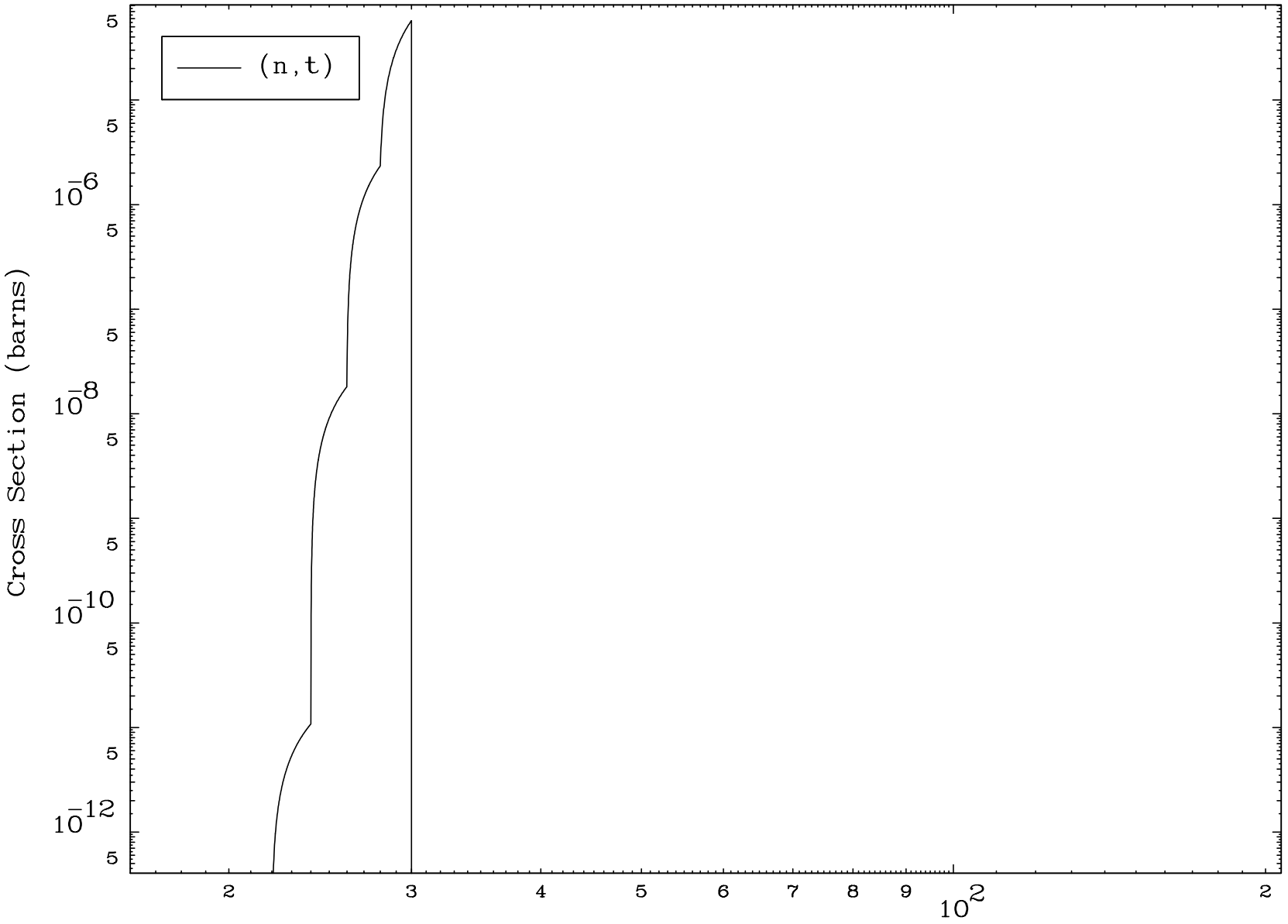
MAT 9906 (α,d) Levels 99-Es-246

0 Kelvin Cross Sections

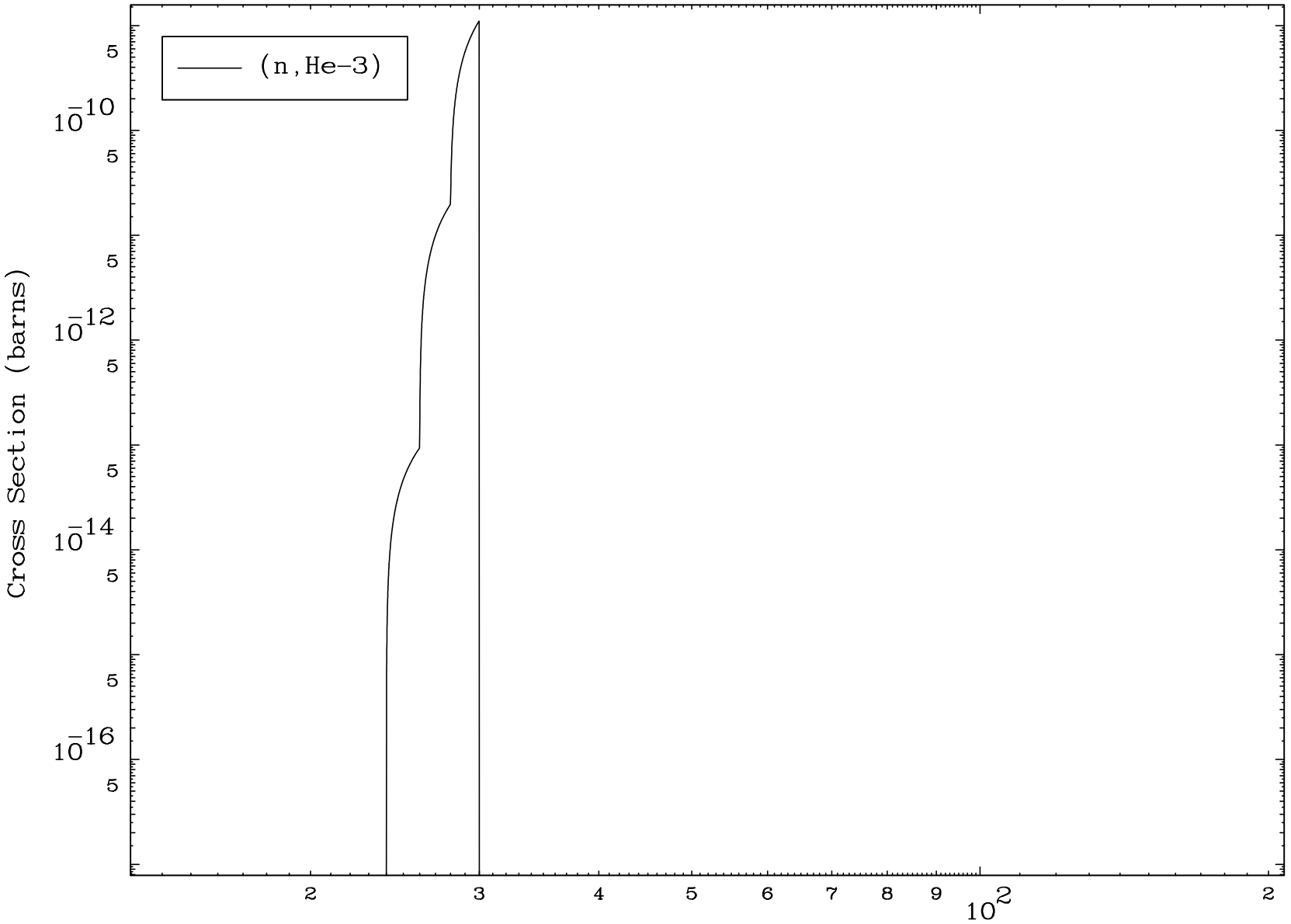


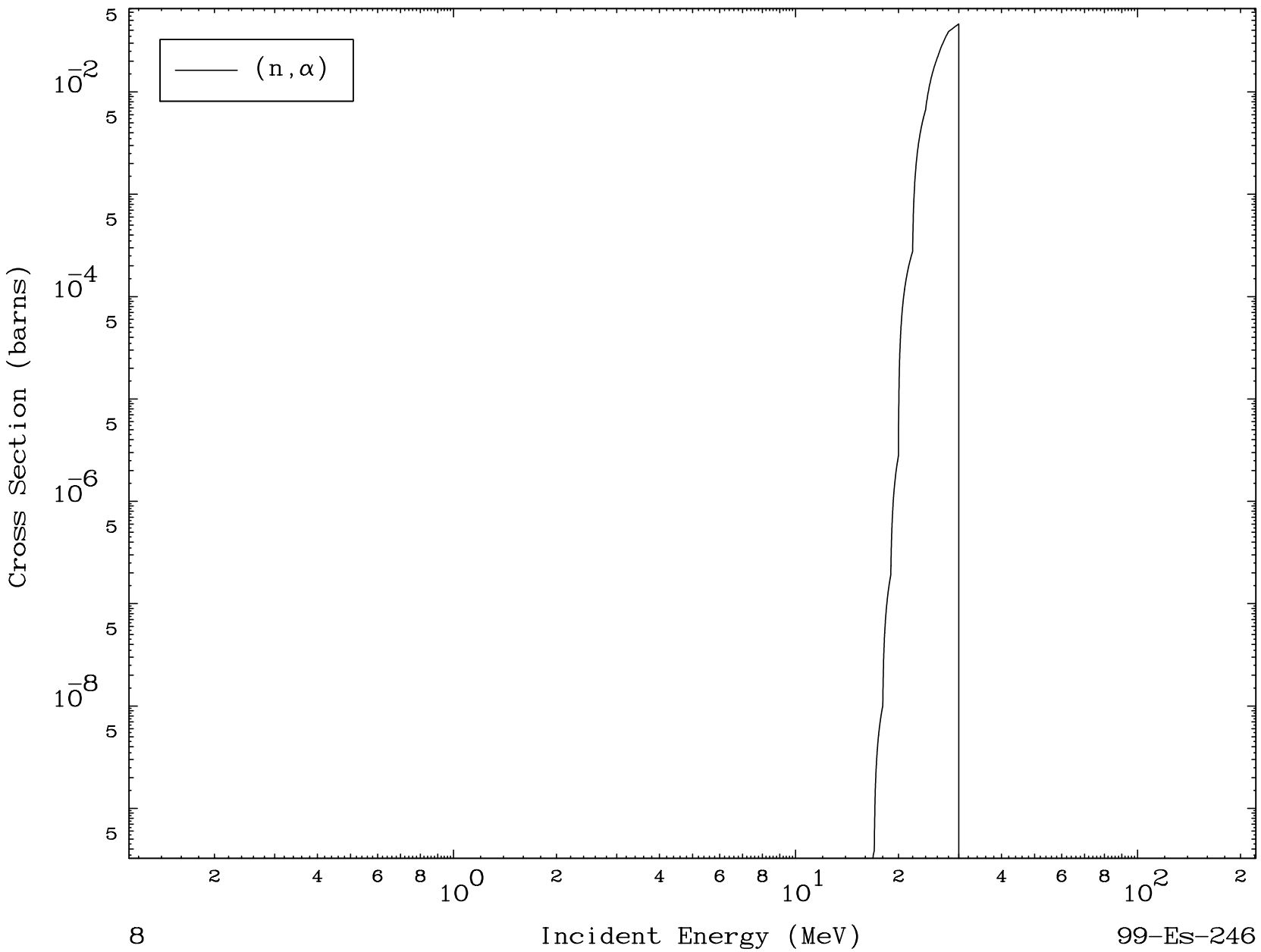
5 99-Es-246

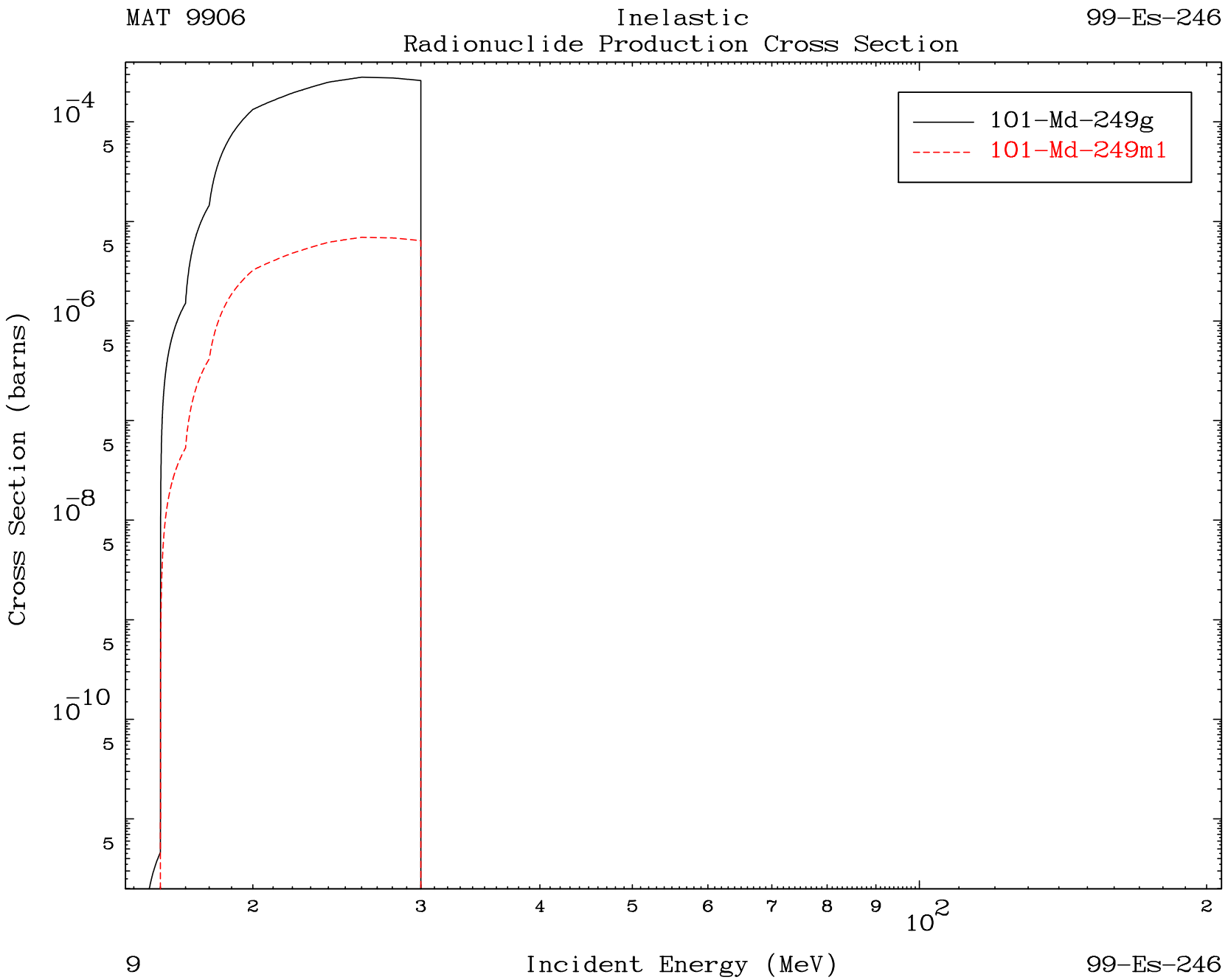
0 Kelvin Cross Sections

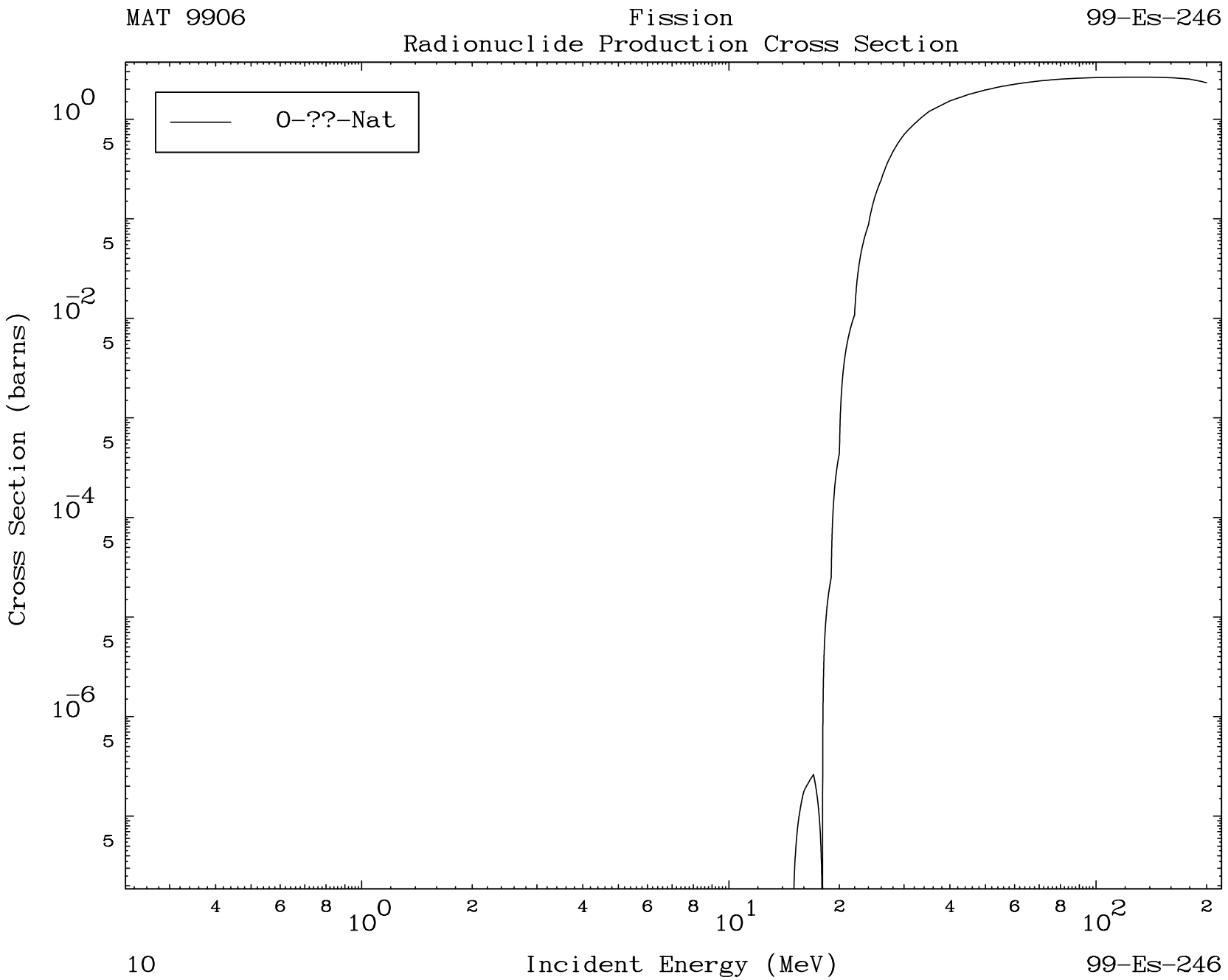


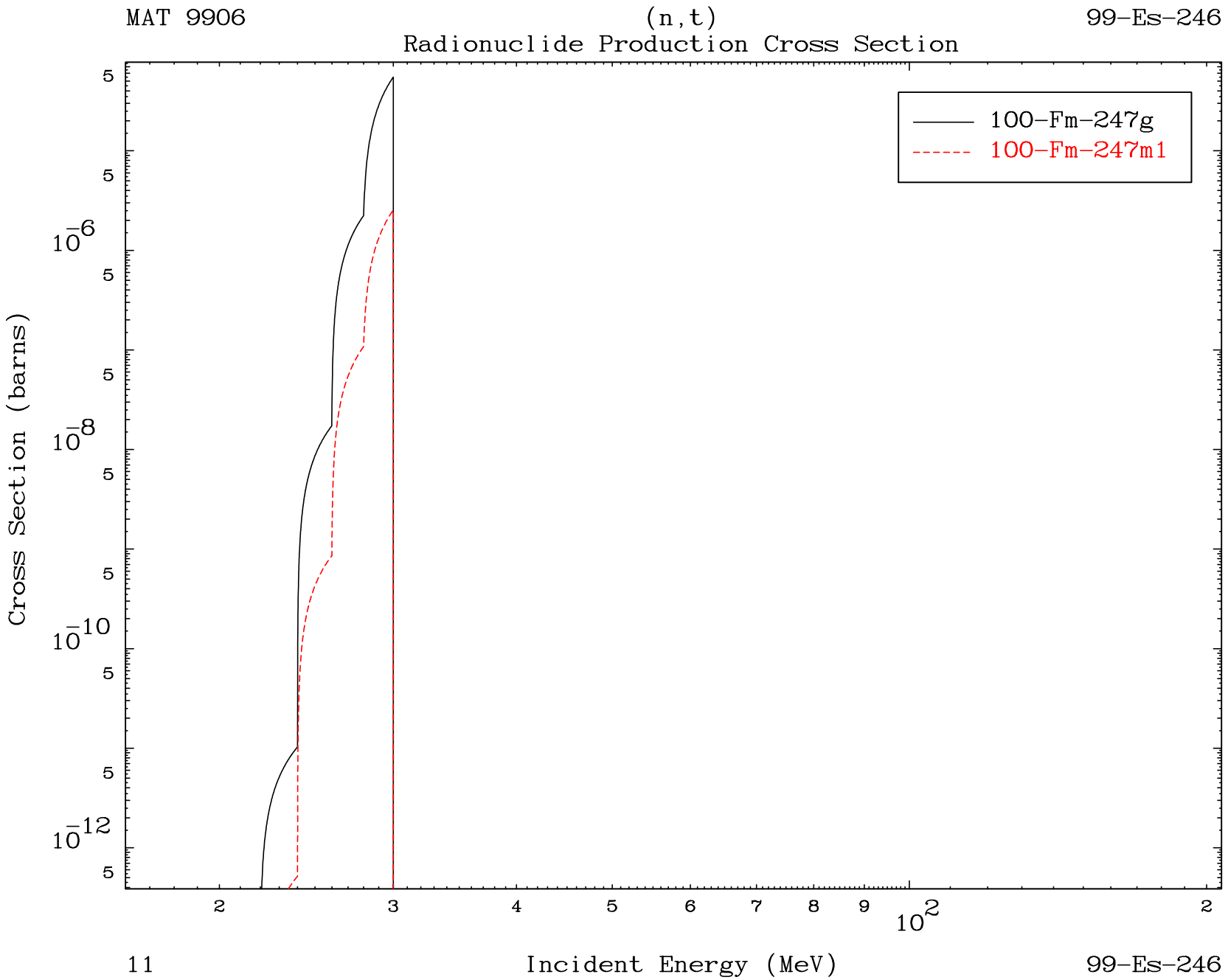
0 Kelvin Cross Sections

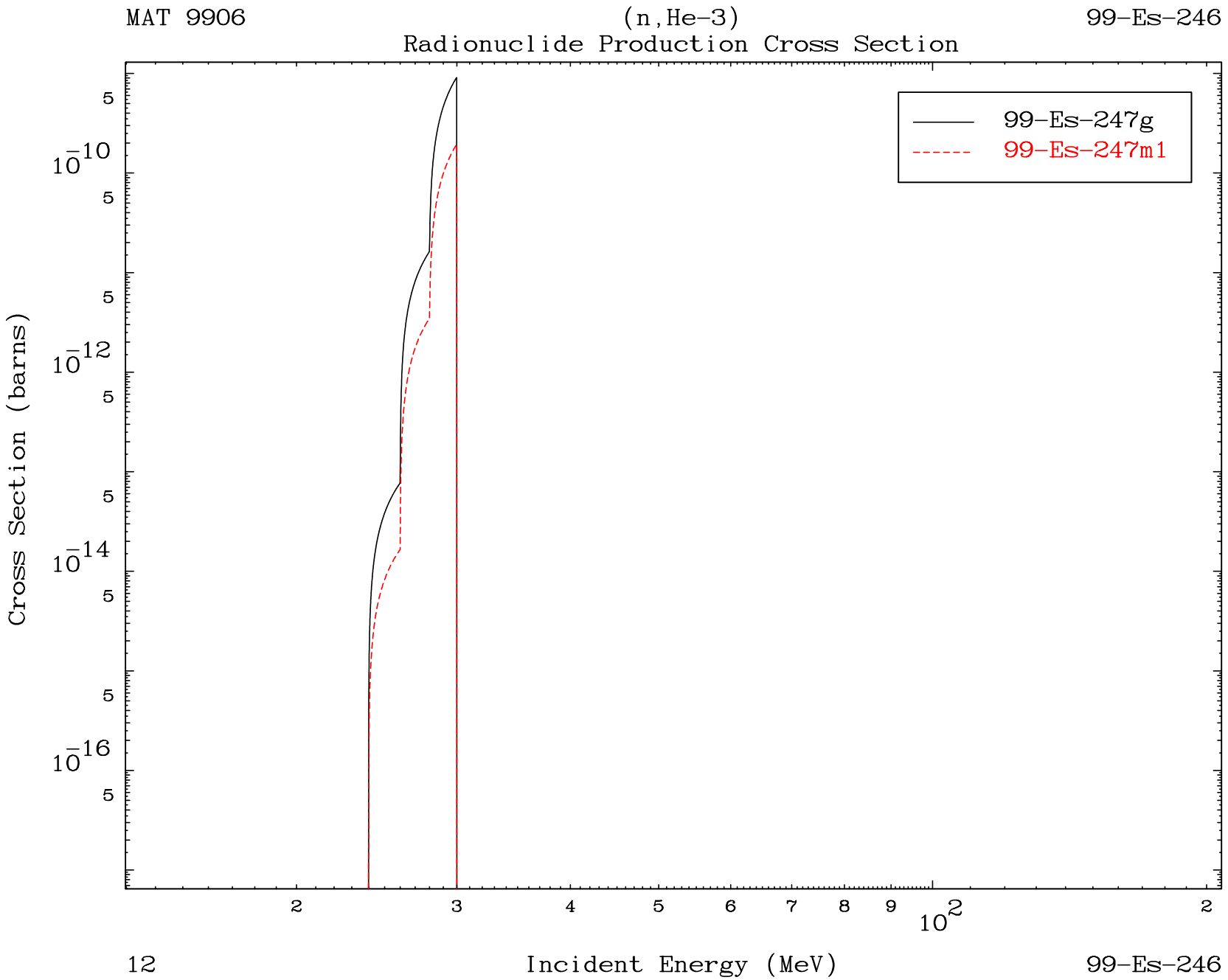



0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)


MAT 9906
Inelastic
99-Es-246
Radionuclide Production Cross Section
101-Md-249g
101-Md-249m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
9
99-Es-246


MAT 9906
Fission
99-Es-246
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
99-Es-246


MAT 9906
(n,t)
99-Es-246
Radionuclide Production Cross Section
100-Fm-247g
100-Fm-247m1
Cross Section (barns)
Incident Energy (MeV)
11
99-Es-246


MAT 9906
(n,He-3)
99-Es-246
Radionuclide Production Cross Section
99-Es-247g
99-Es-247m1
Cross Section (barns)
Incident Energy (MeV)
12
99-Es-246