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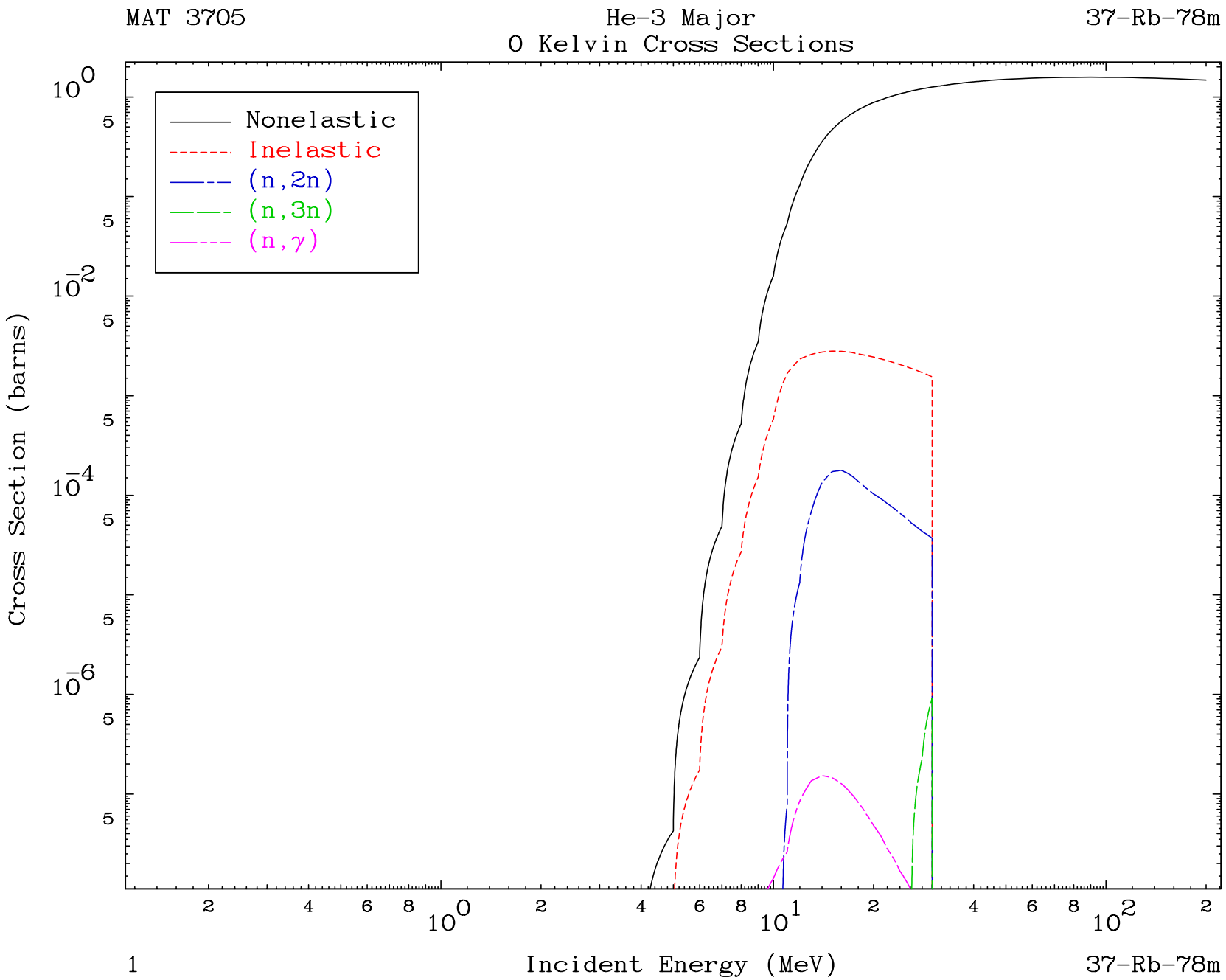
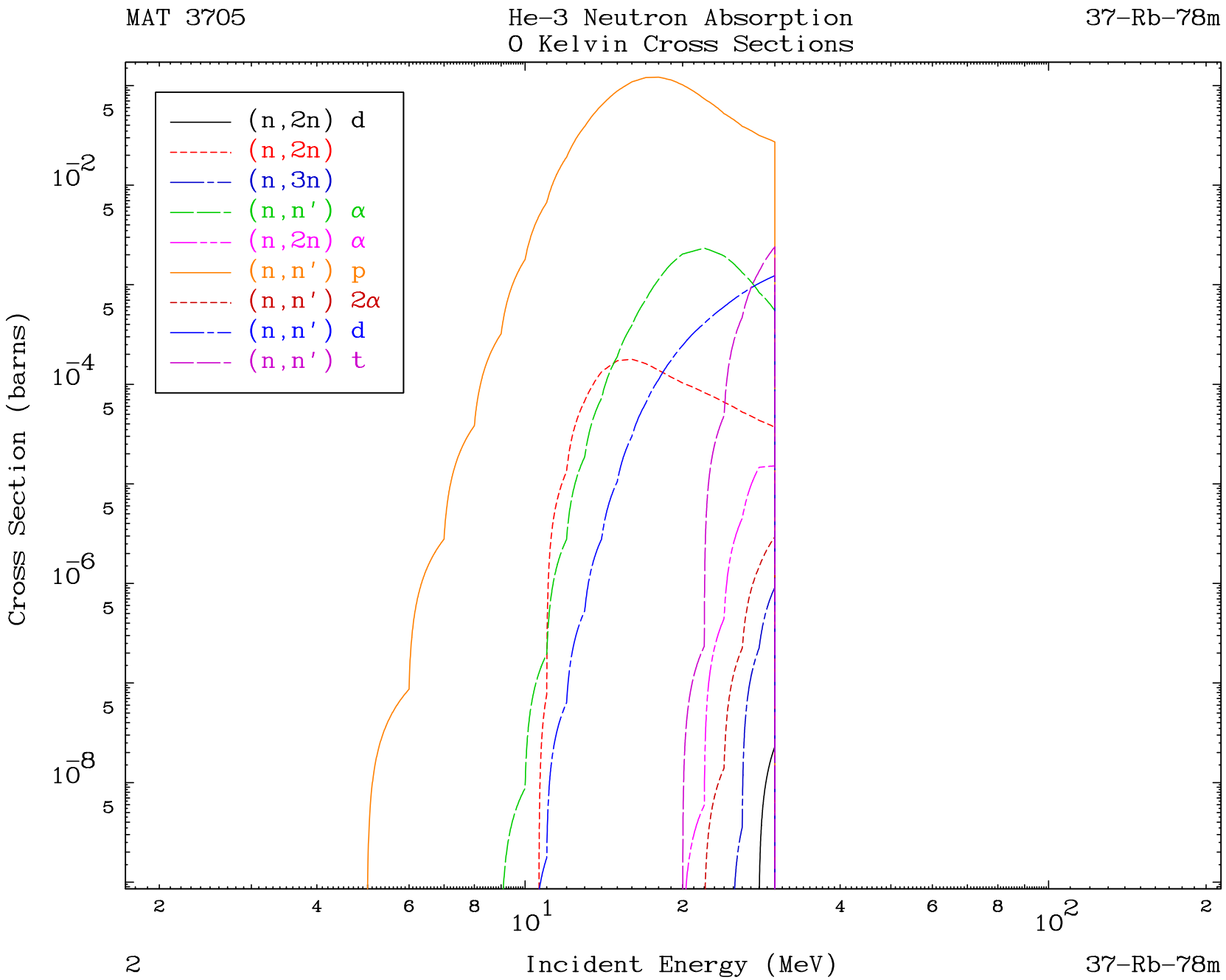
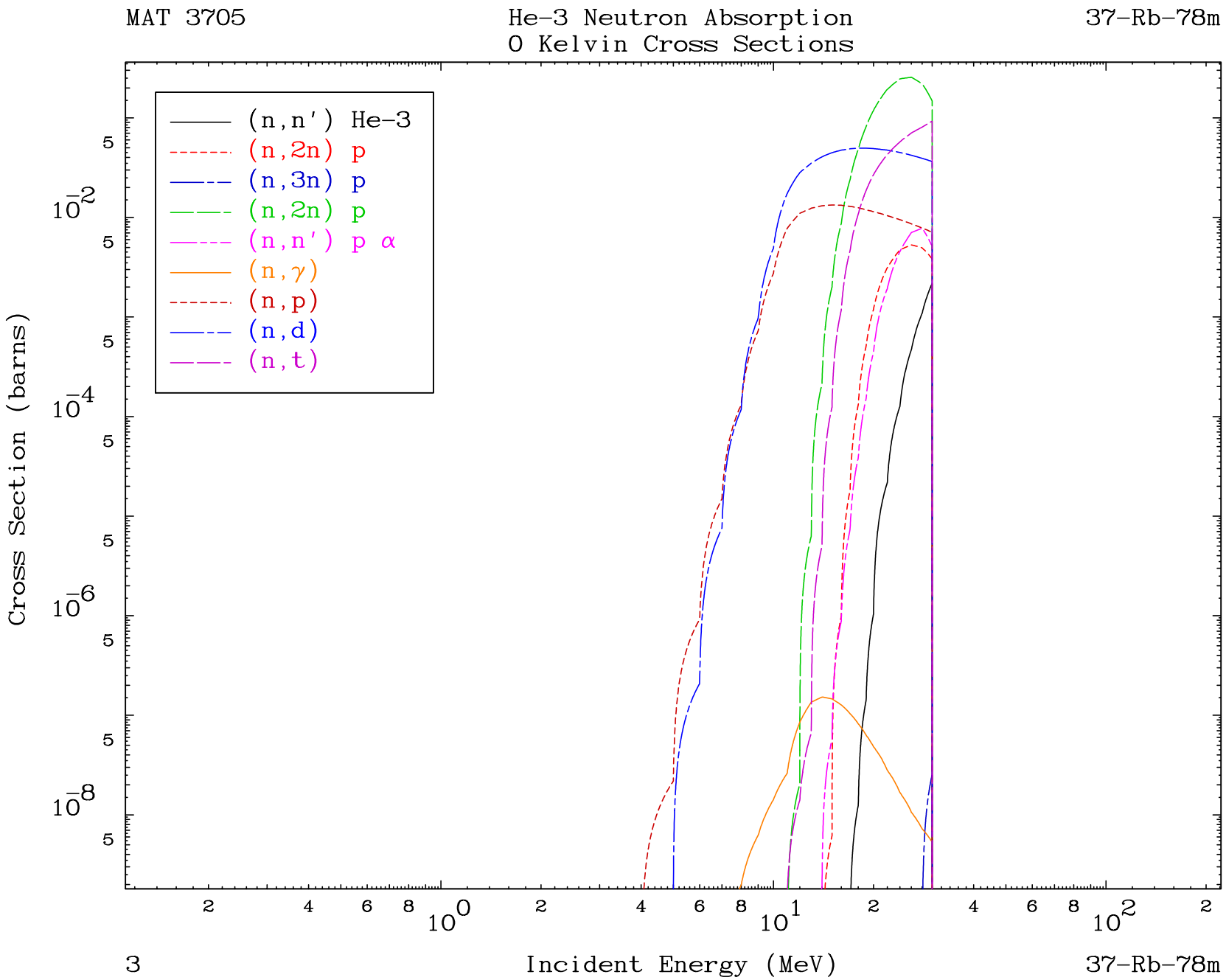
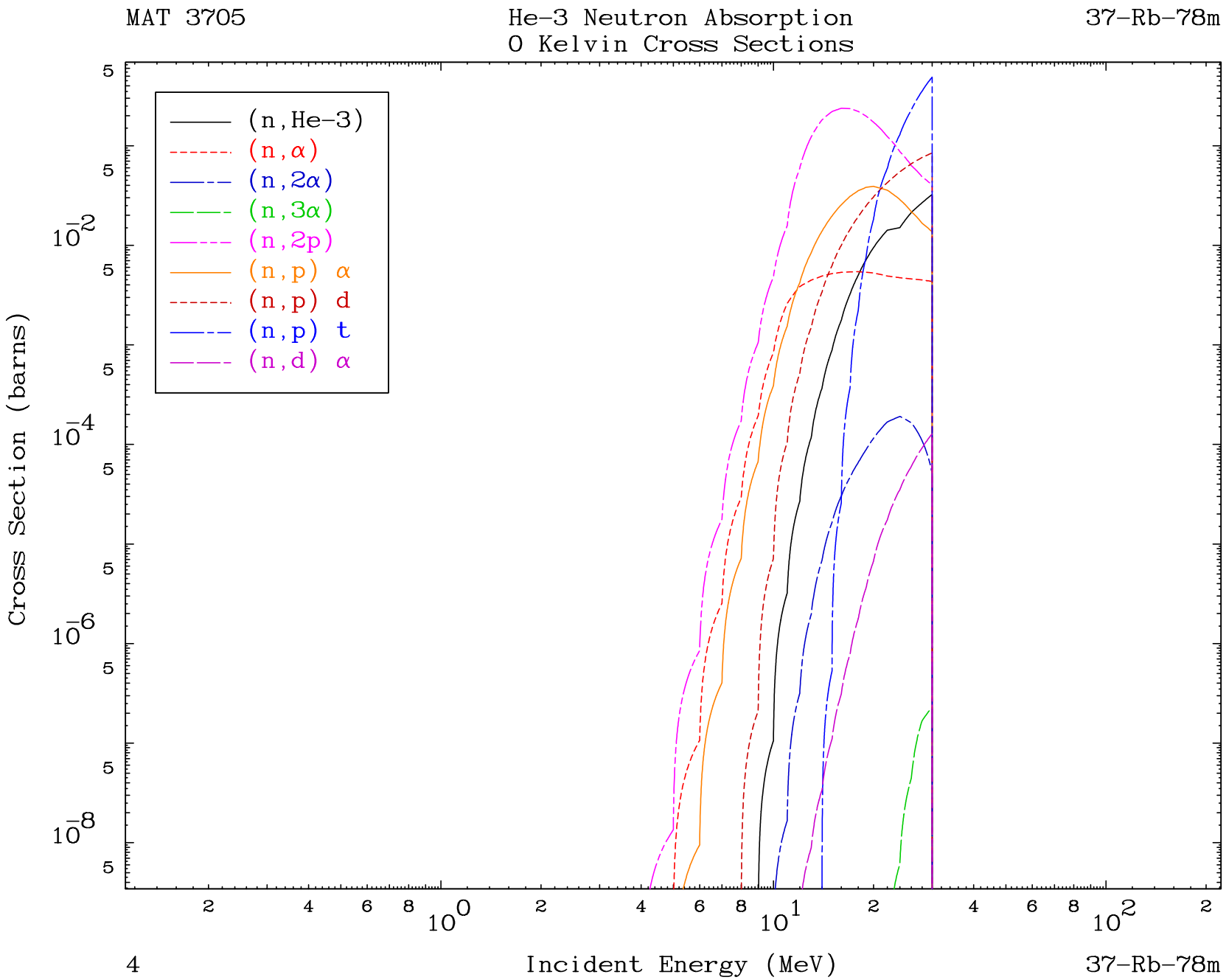
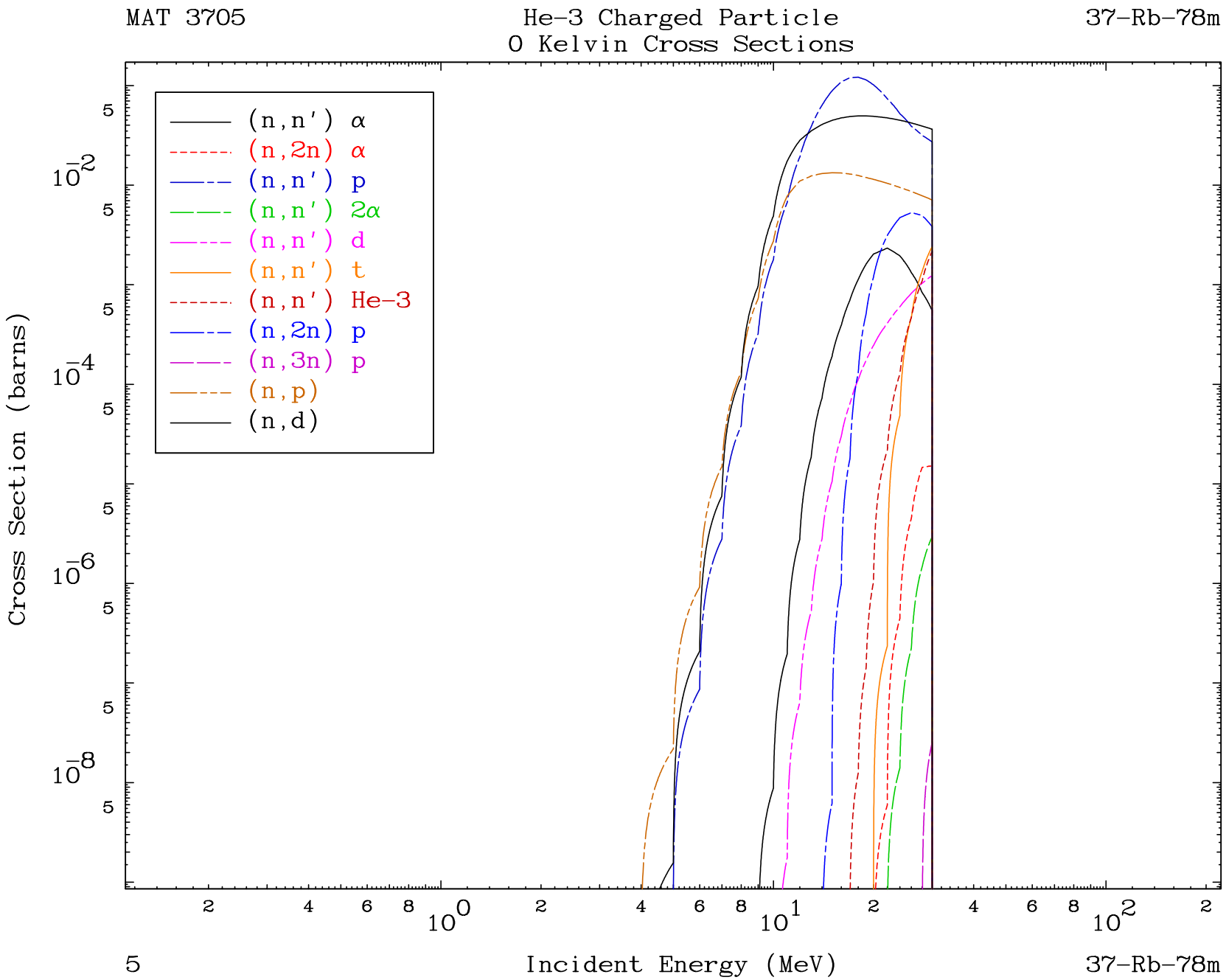
Press Mouse Button to Start

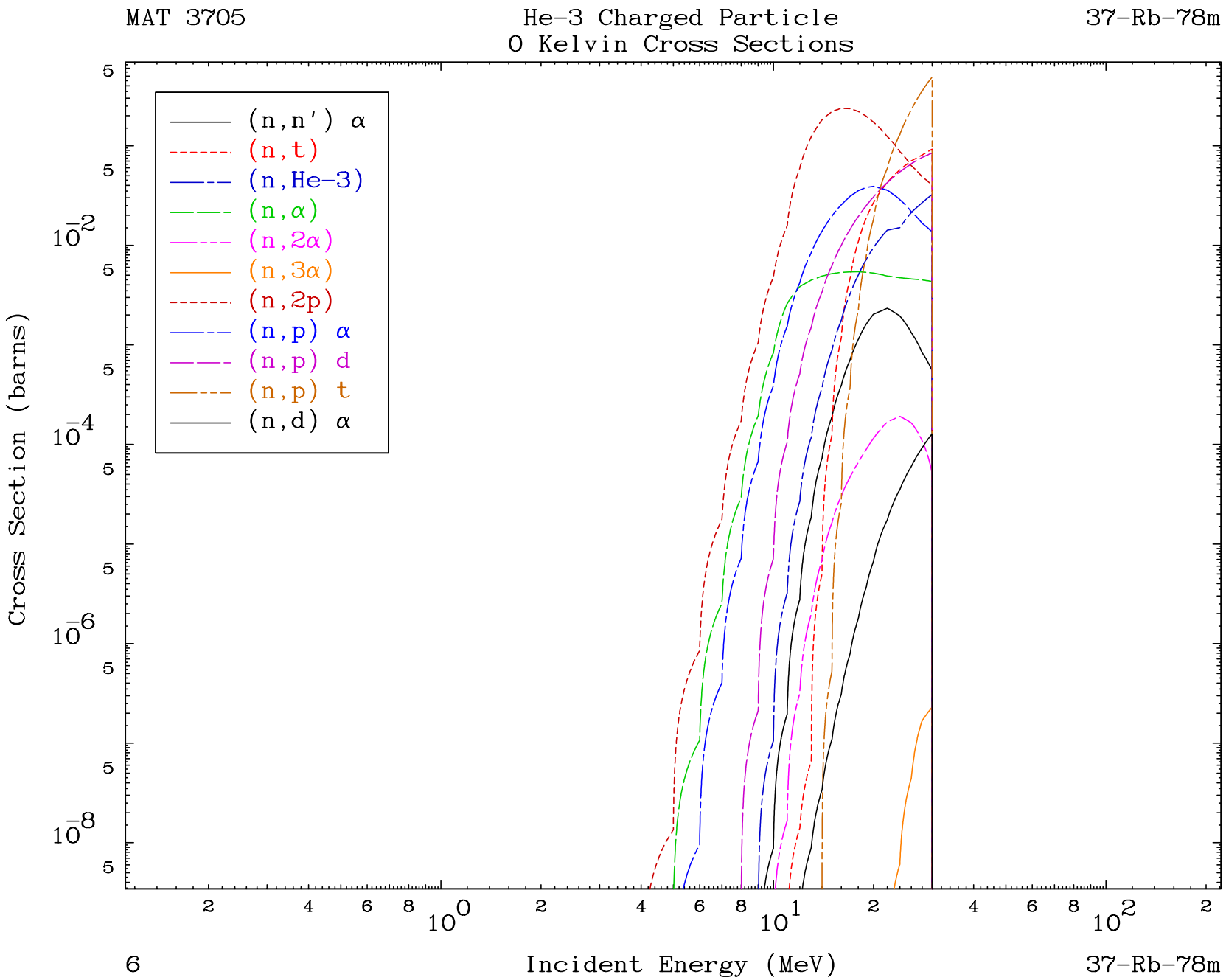

MAT 3705
He-3 Major
37-Rb-78m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
37-Rb-78m

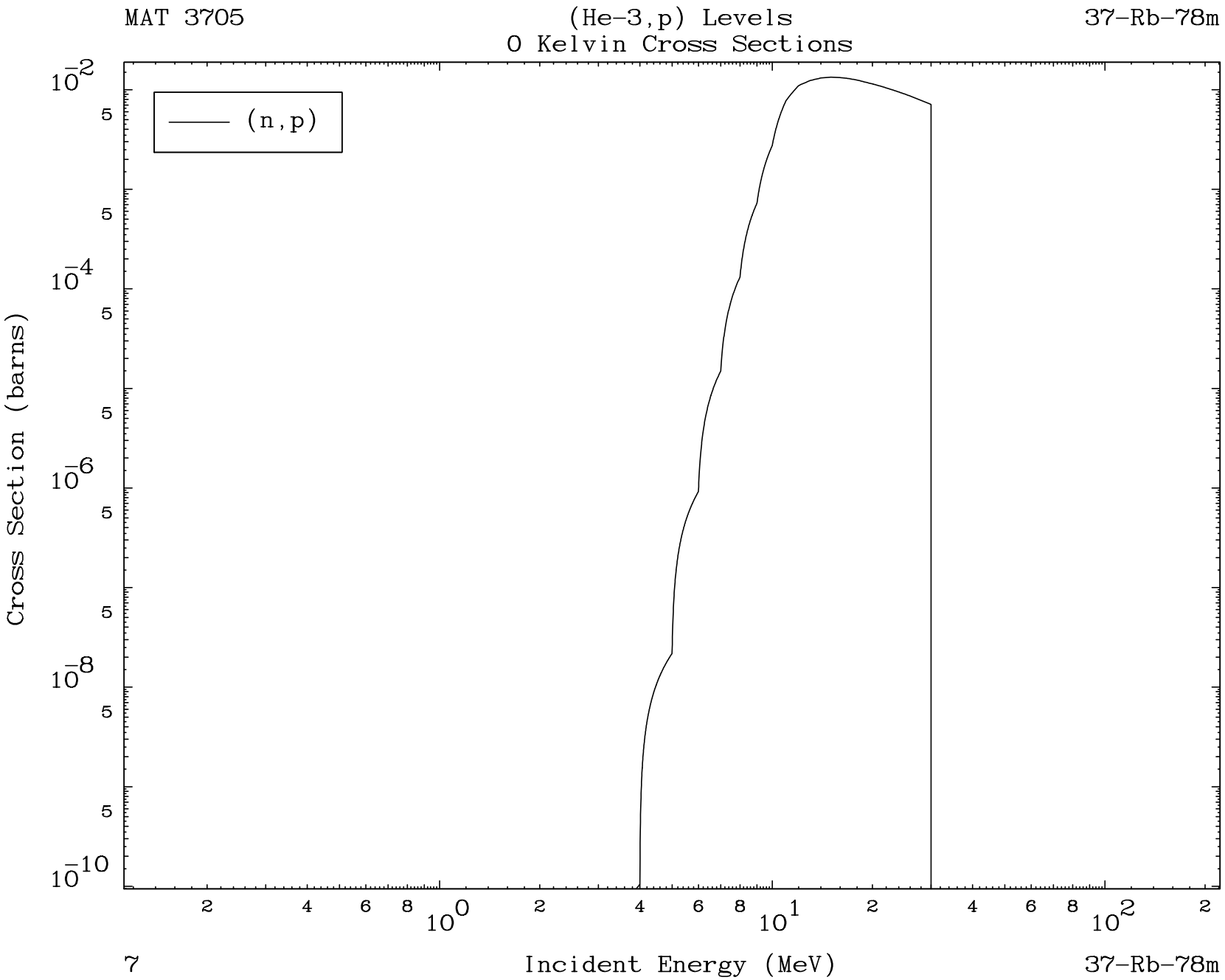

MAT 3705
He-3 Neutron Absorption
0 Kelvin Cross Sections
37-Rb-78m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
37-Rb-78m

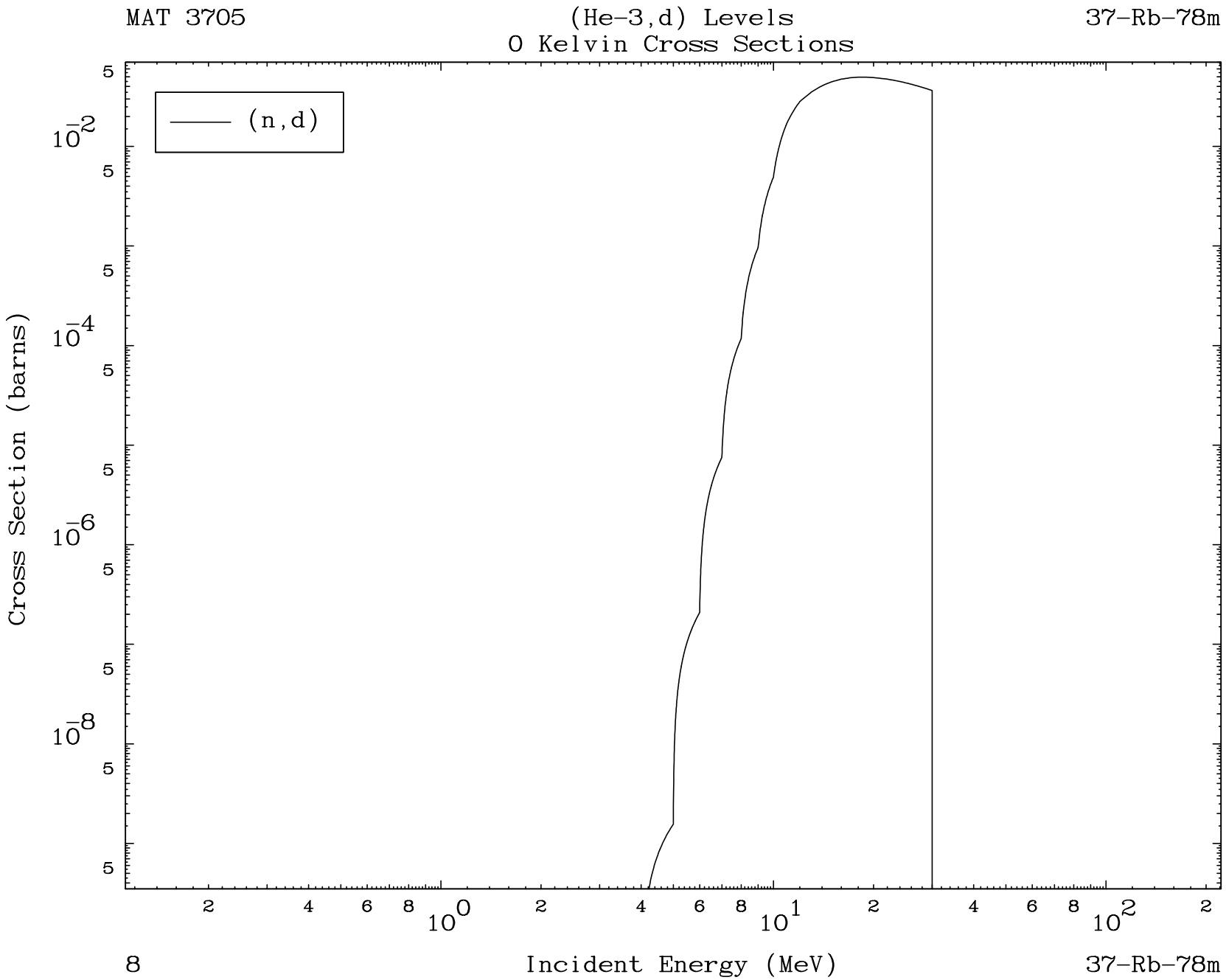

MAT 3705
He-3 Neutron Absorption
0 Kelvin Cross Sections
37-Rb-78m
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
3
37-Rb-78m

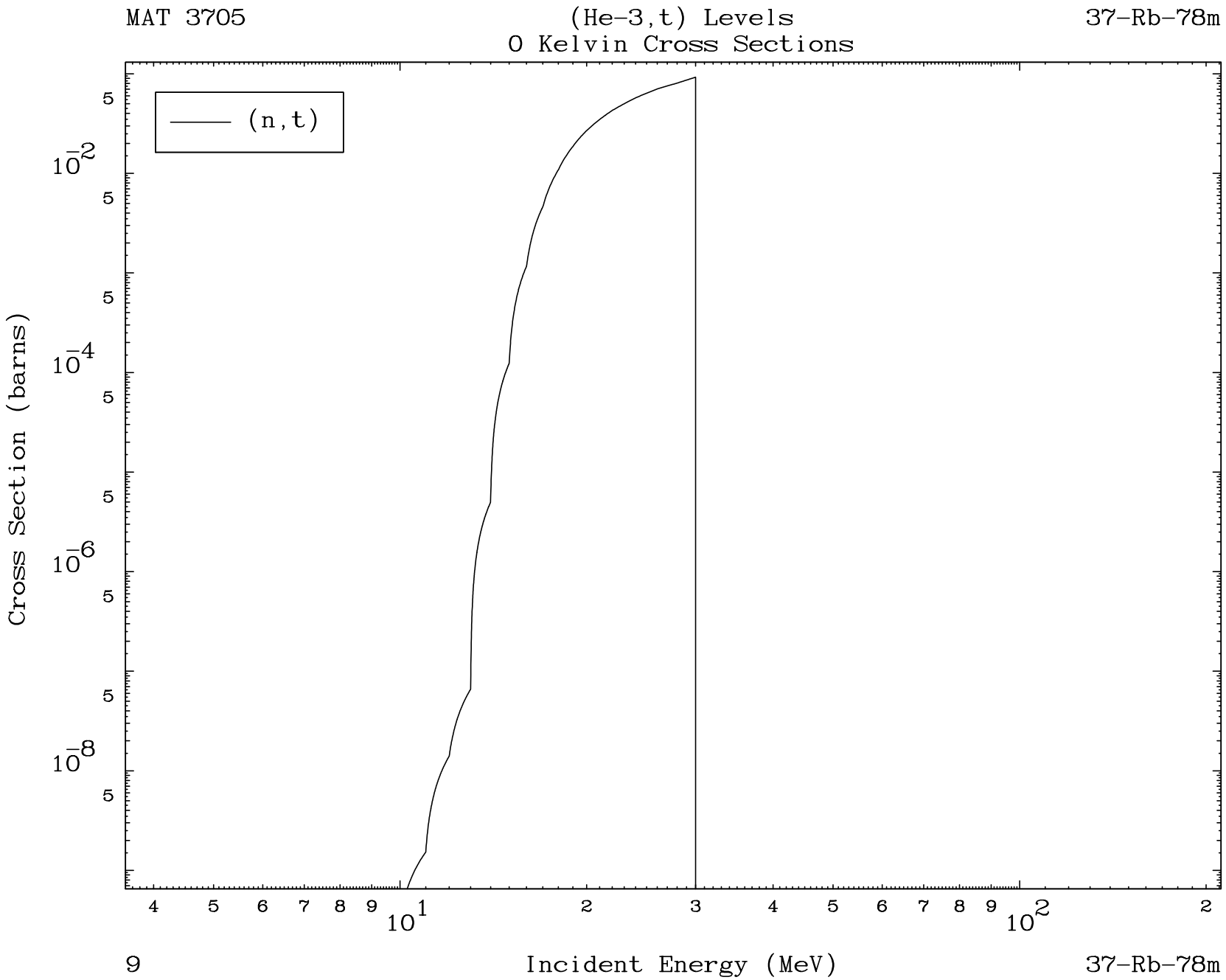

MAT 3705
He-3 Neutron Absorption
0 Kelvin Cross Sections
37-Rb-78m
(n,He-3)
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
37-Rb-78m

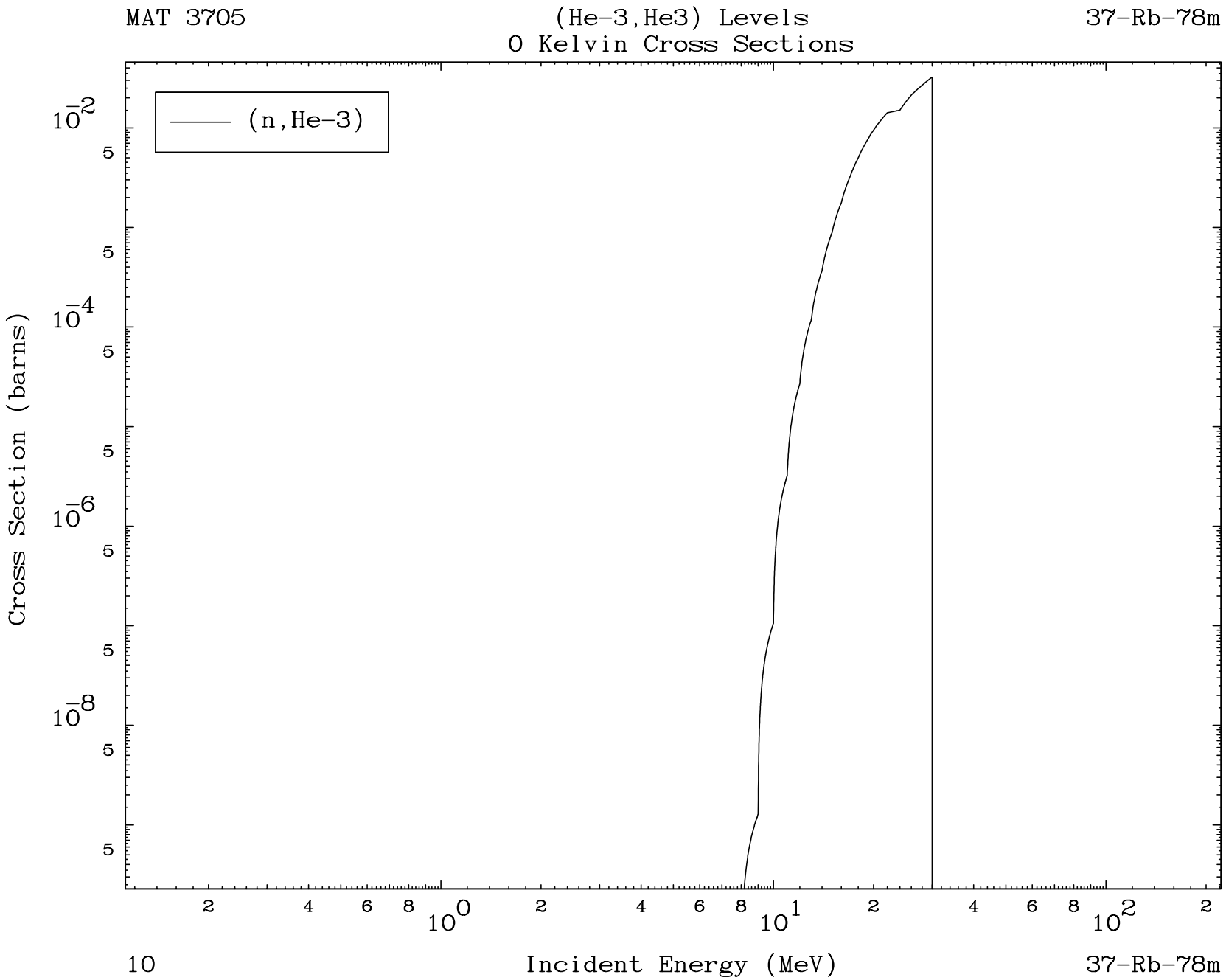

MAT 3705
He-3 Charged Particle
0 Kelvin Cross Sections
37-Rb-78m
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
37-Rb-78m

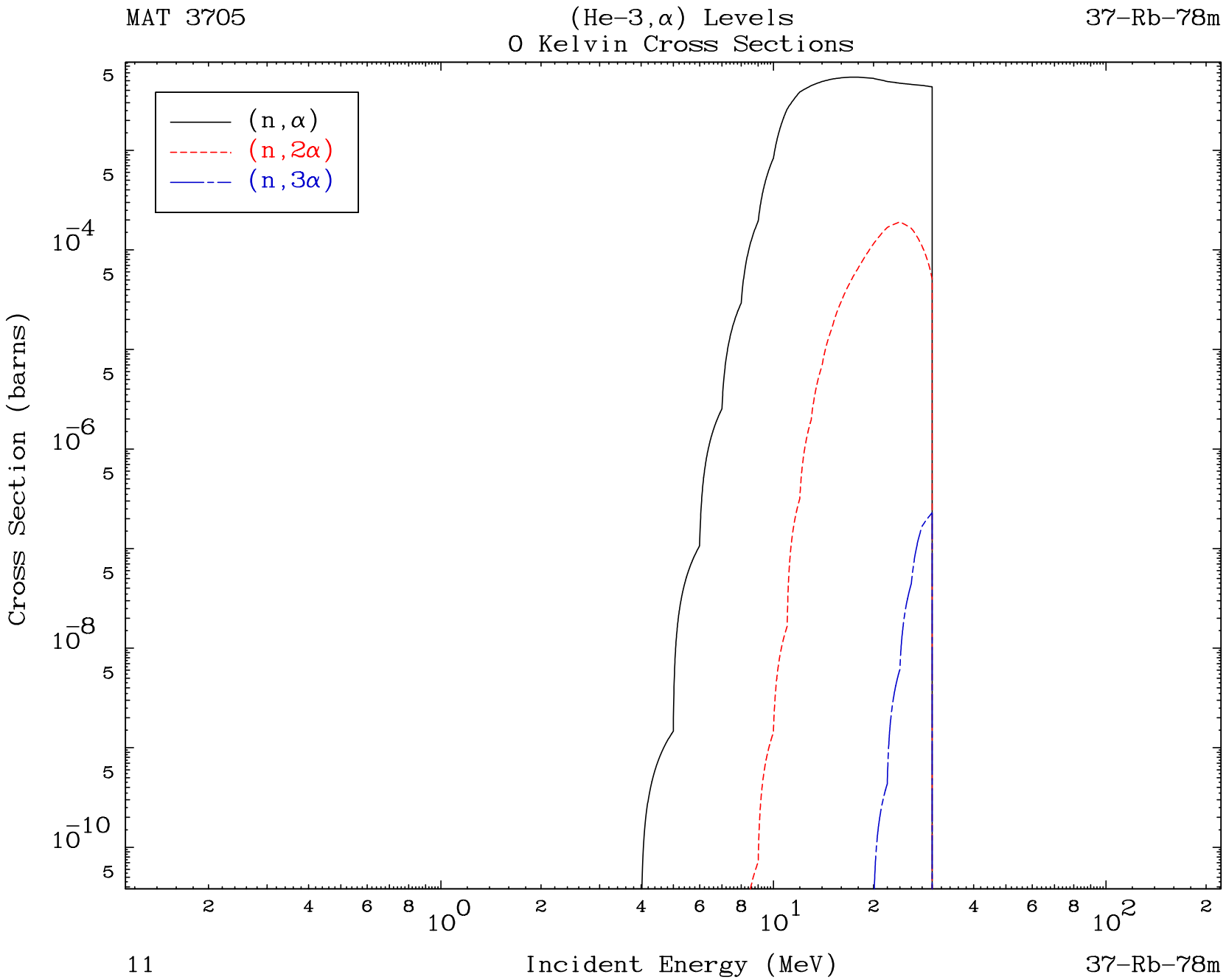

MAT 3705
He-3 Charged Particle
0 Kelvin Cross Sections
37-Rb-78m
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
37-Rb-78m

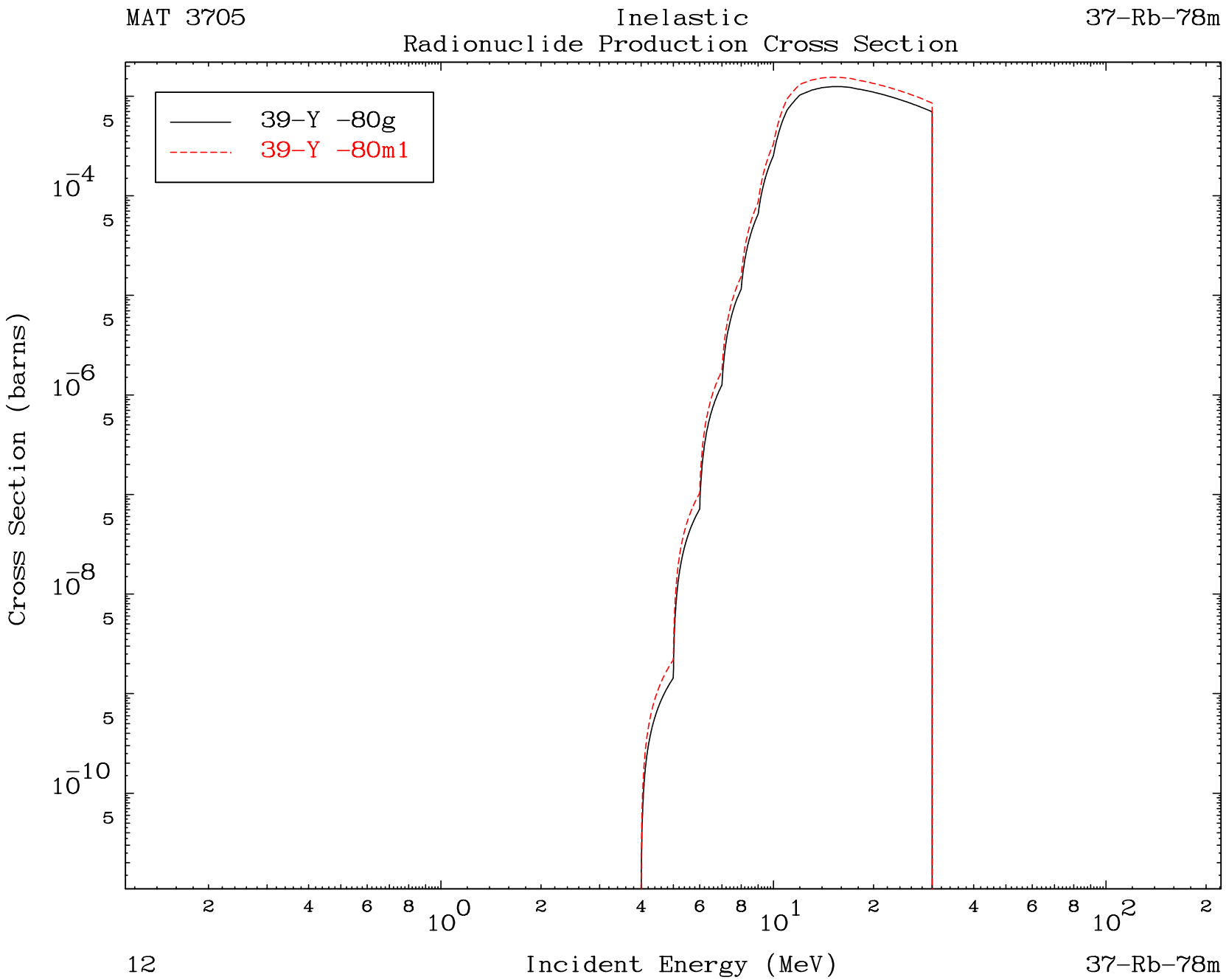

MAT 3705
(He-3,p) Levels
37-Rb-78m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
37-Rb-78m

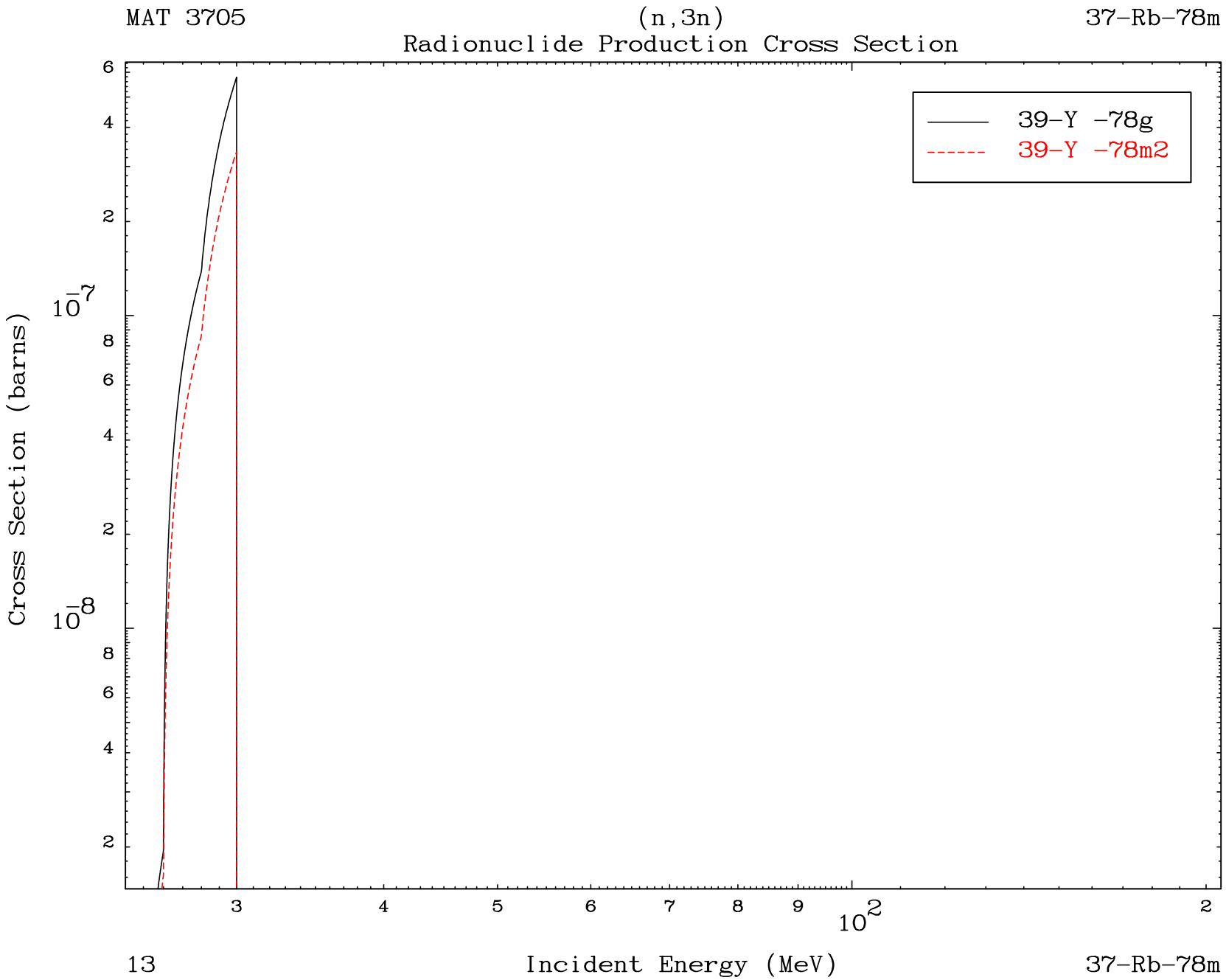

MAT 3705
(He-3,d) Levels
37-Rb-78m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
37-Rb-78m
8

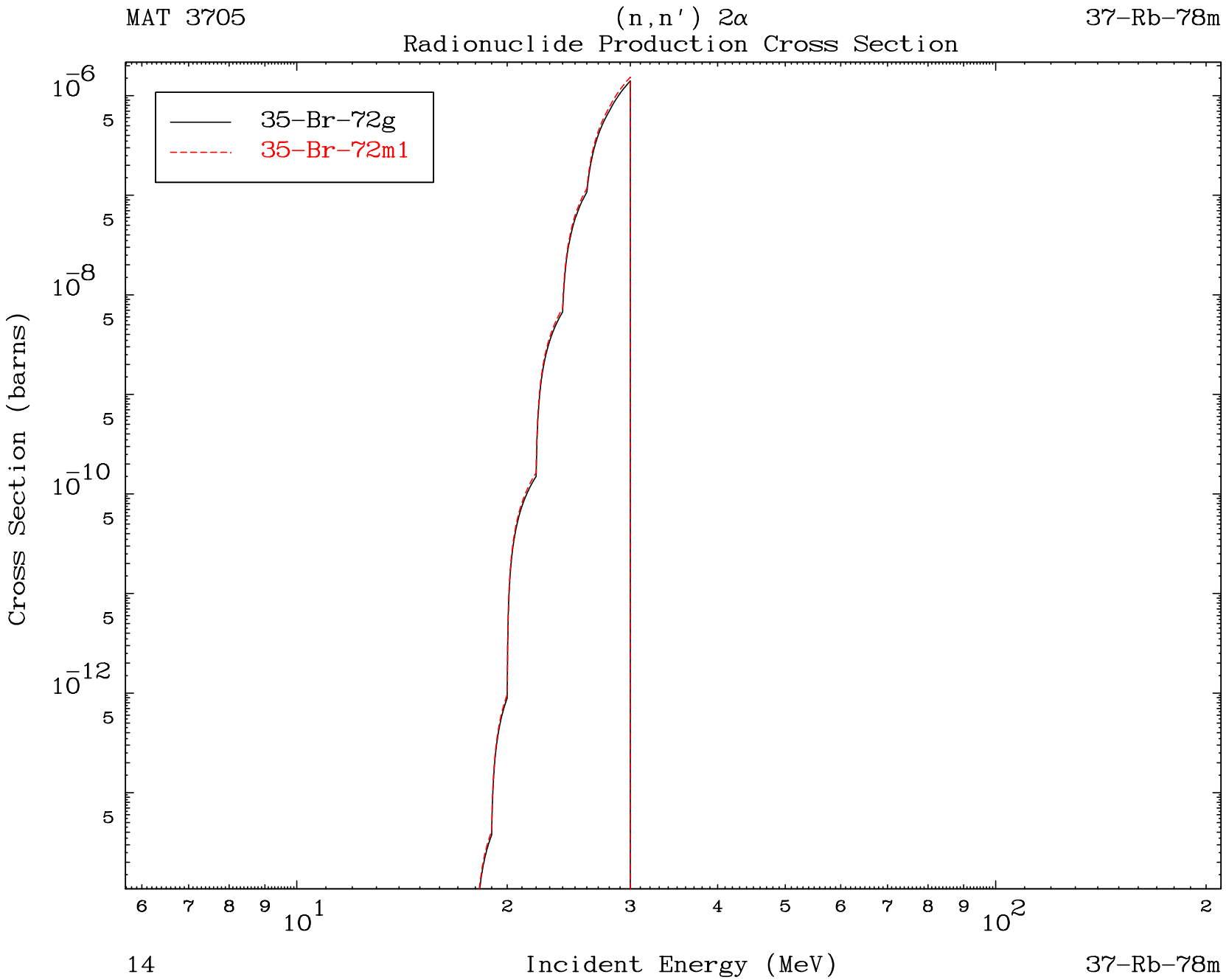

MAT 3705
(He-3,t) Levels
37-Rb-78m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
9
37-Rb-78m

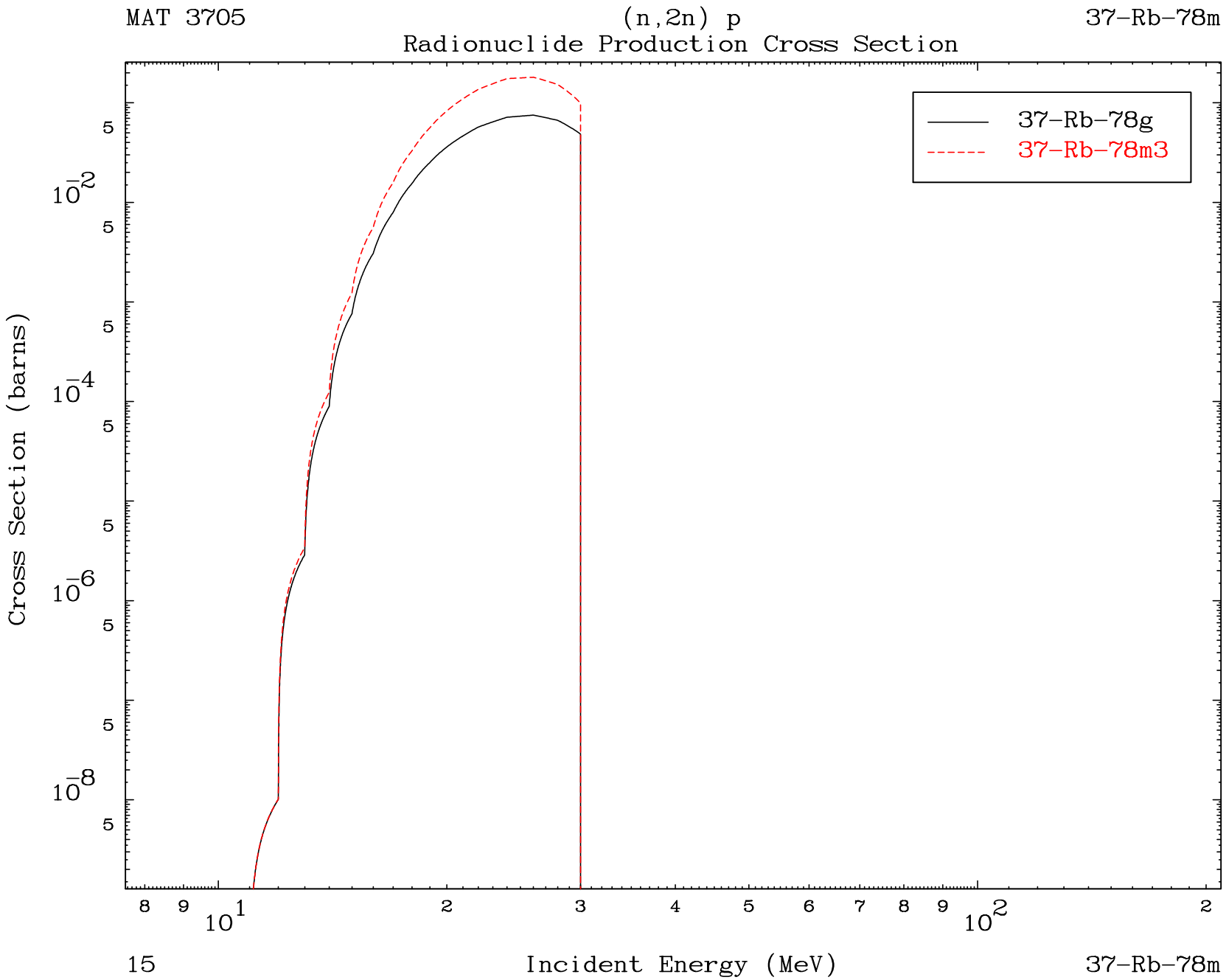

MAT 3705
(He-3,He3) Levels
37-Rb-78m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
37-Rb-78m

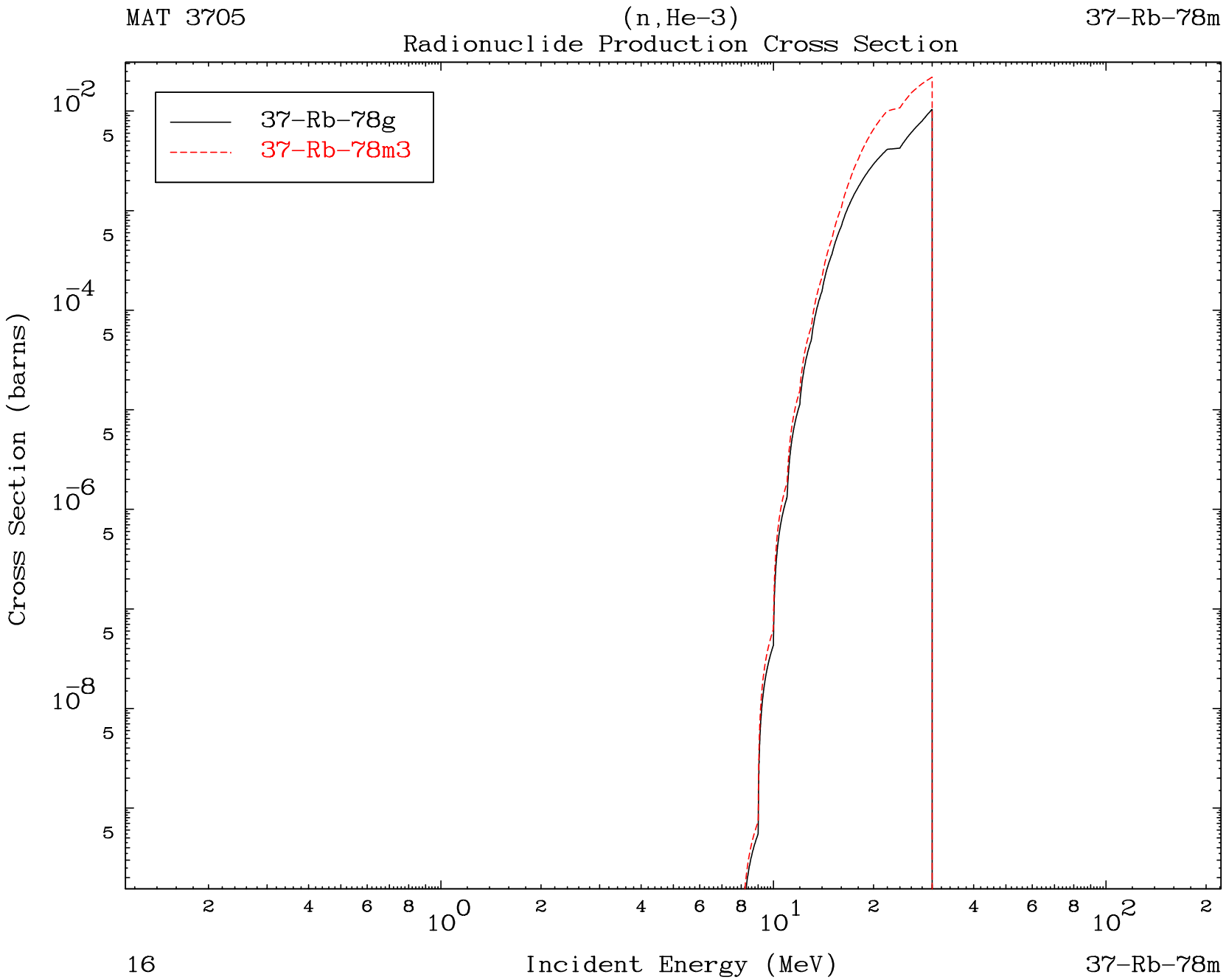

MAT 3705
(He-3,α) Levels
0 Kelvin Cross Sections
37-Rb-78m
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
11
37-Rb-78m

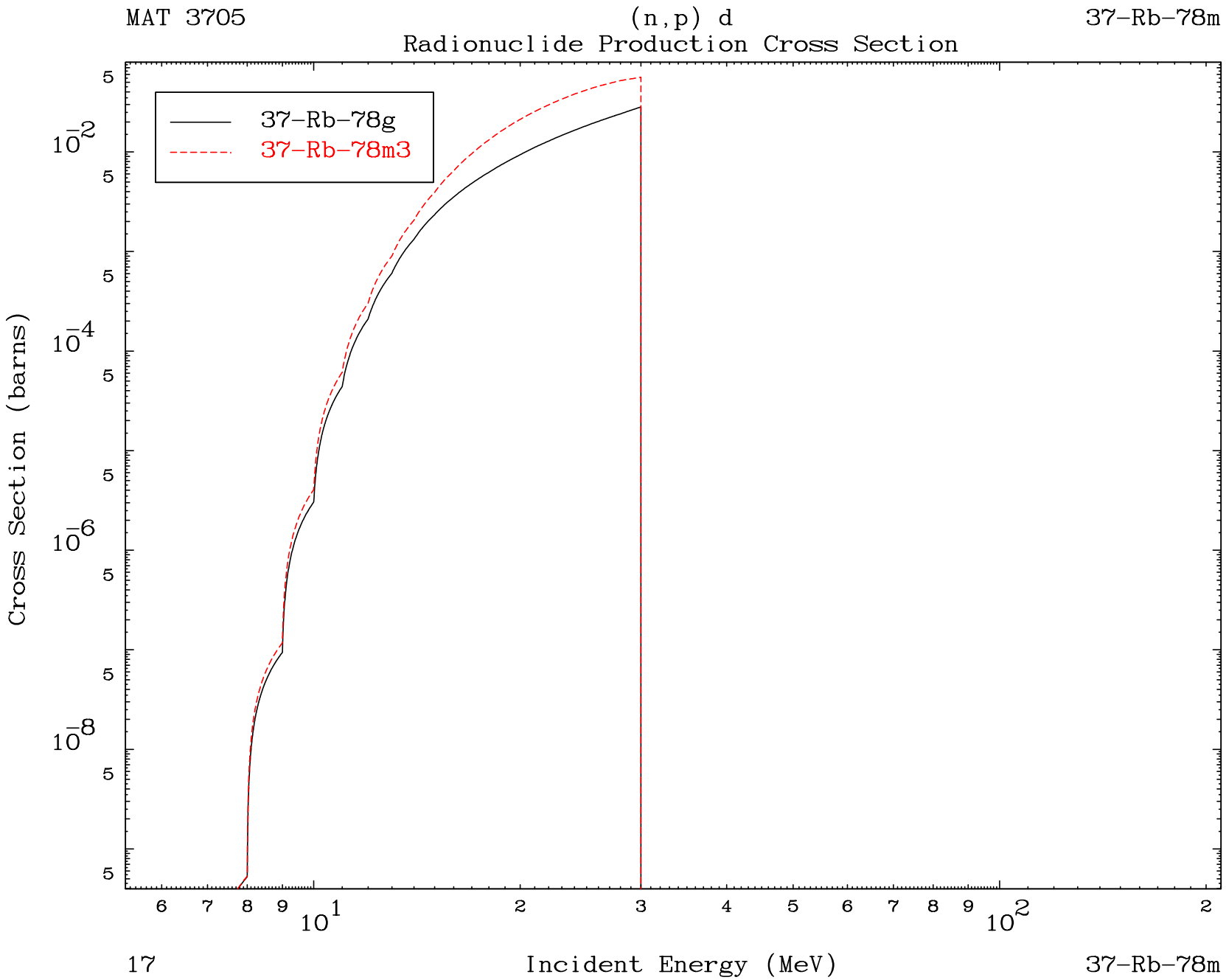

MAT 3705
Inelastic
37-Rb-78m
Radionuclide Production Cross Section
39-Y -80g
39-Y -80m1
Cross Section (barns)
Incident Energy (MeV)
12
37-Rb-78m


MAT 3705
(n,3n)
37-Rb-78m
Radionuclide Production Cross Section
39-Y -78g
39-Y -78m2
Cross Section (barns)
Incident Energy (MeV)
13
37-Rb-78m


MAT 3705
(n,n') 2α
37-Rb-78m
Radionuclide Production Cross Section
35-Br-72g
35-Br-72m1
Cross Section (barns)
Incident Energy (MeV)
14
37-Rb-78m


MAT 3705
(n,2n) p
37-Rb-78m
Radionuclide Production Cross Section
37-Rb-78g
37-Rb-78m3
Cross Section (barns)
Incident Energy (MeV)
15
37-Rb-78m


MAT 3705
(n,He-3)
37-Rb-78m
Radionuclide Production Cross Section
37-Rb-78g
37-Rb-78m3
Cross Section (barns)
Incident Energy (MeV)
16
37-Rb-78m


MAT 3705
(n,p) d
37-Rb-78m
Radionuclide Production Cross Section
37-Rb-78g
37-Rb-78m3
Cross Section (barns)
Incident Energy (MeV)
17
37-Rb-78m