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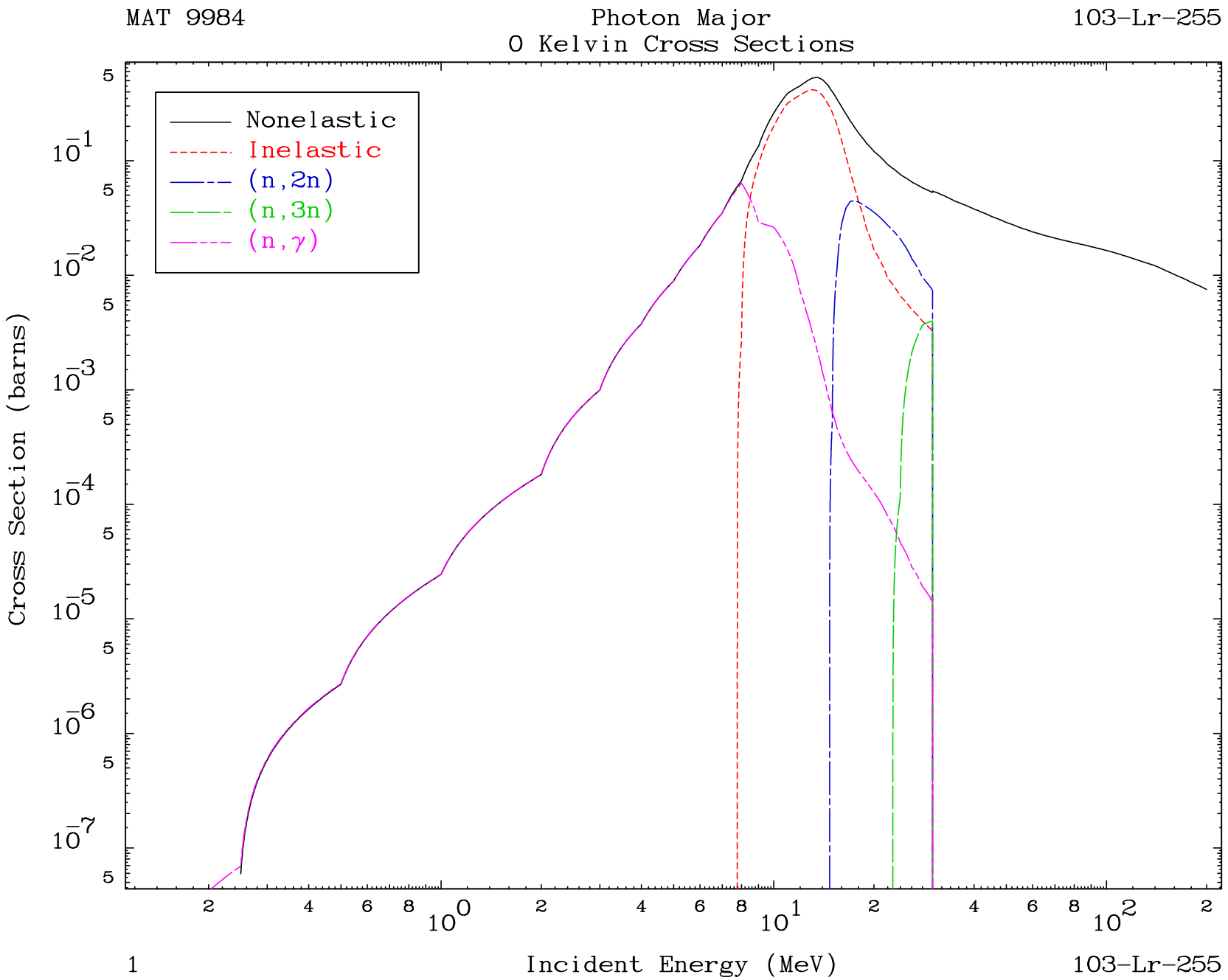
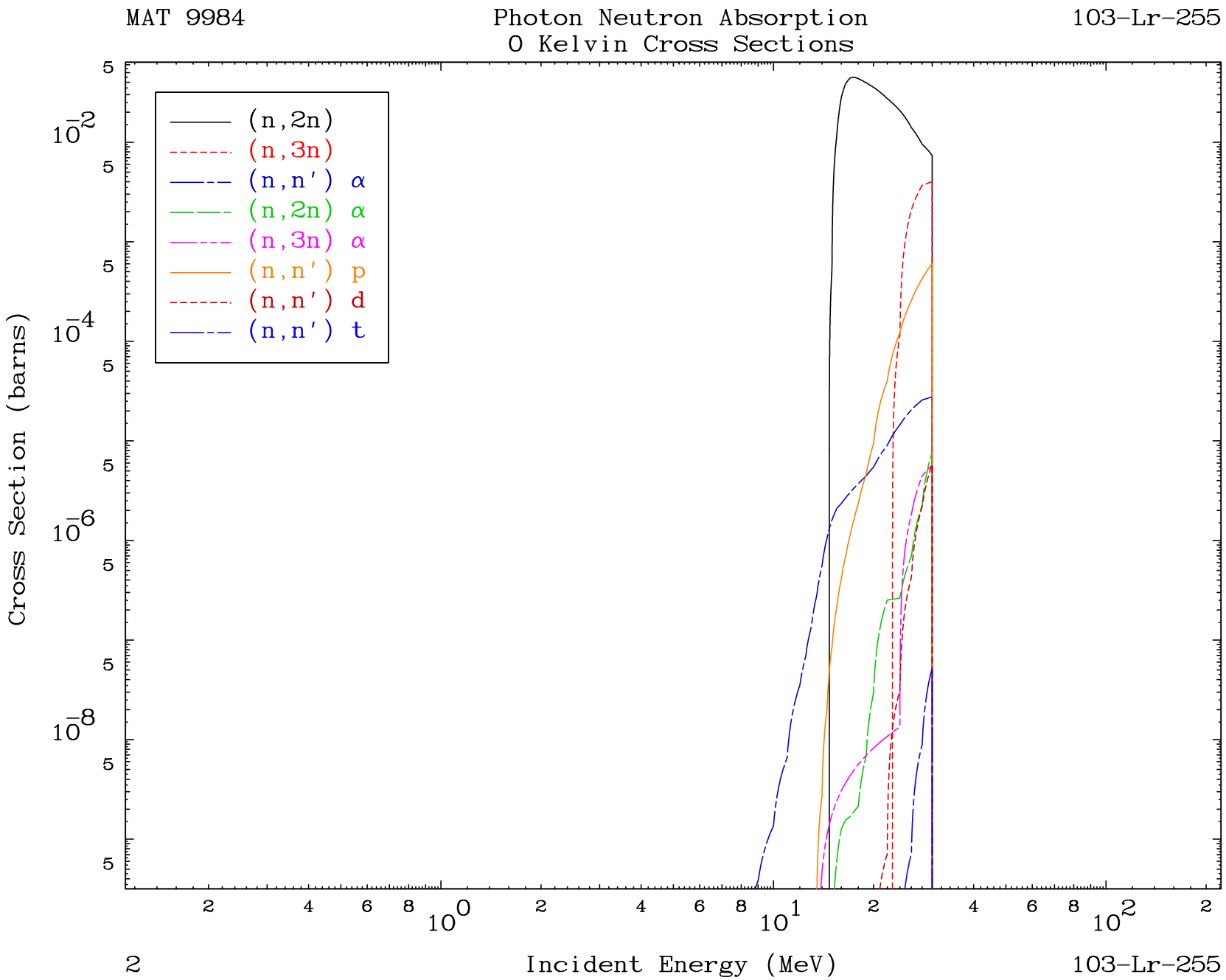
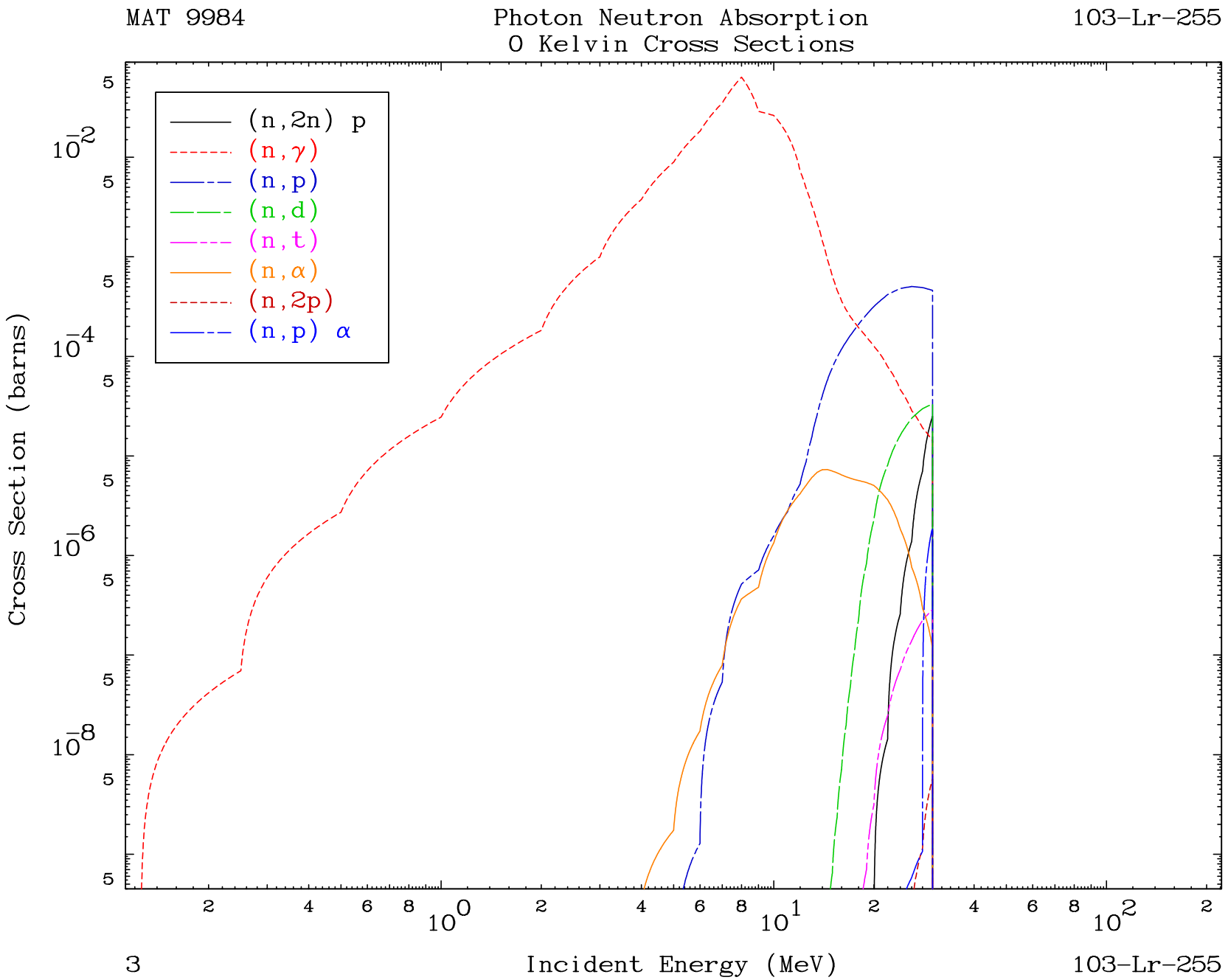
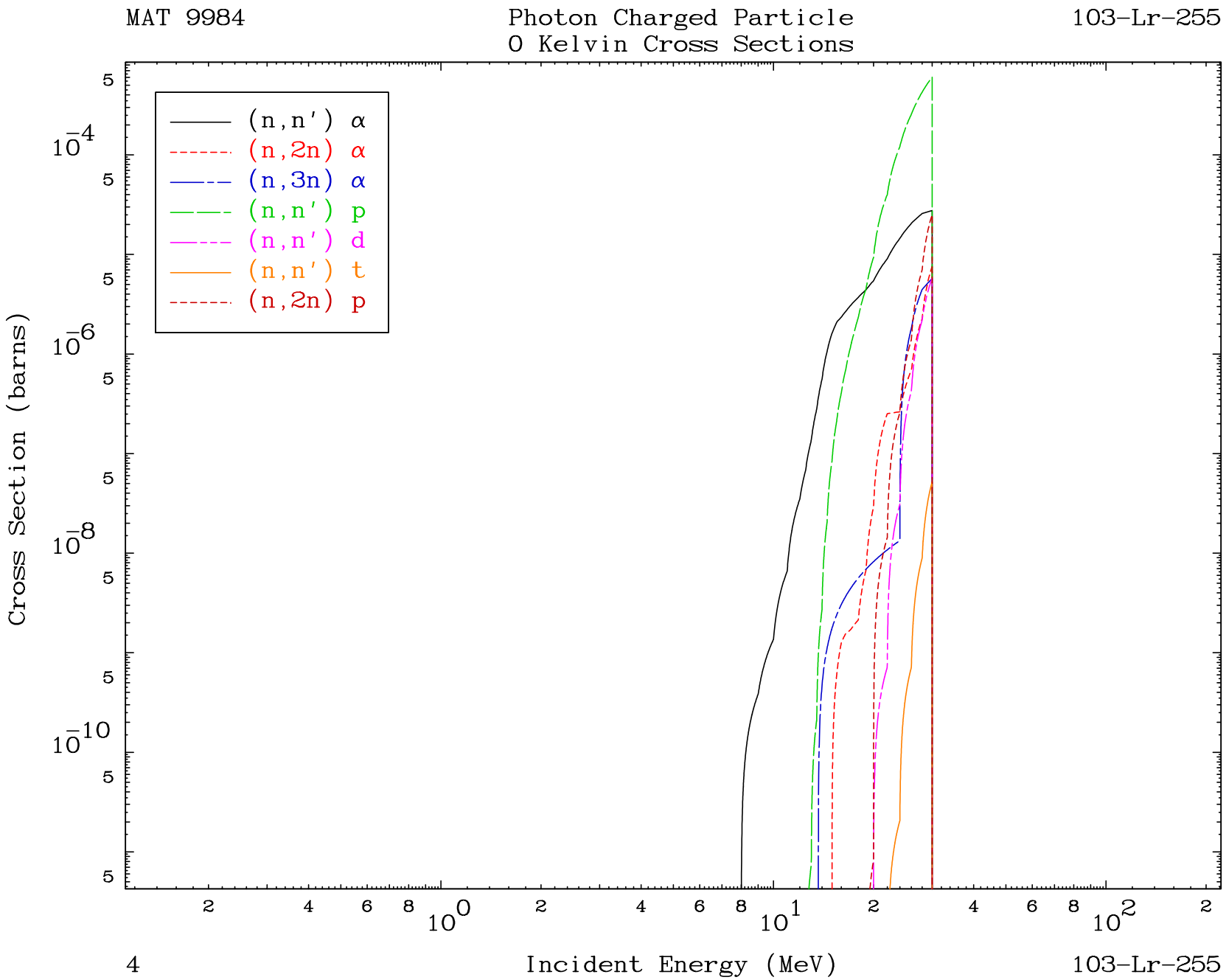
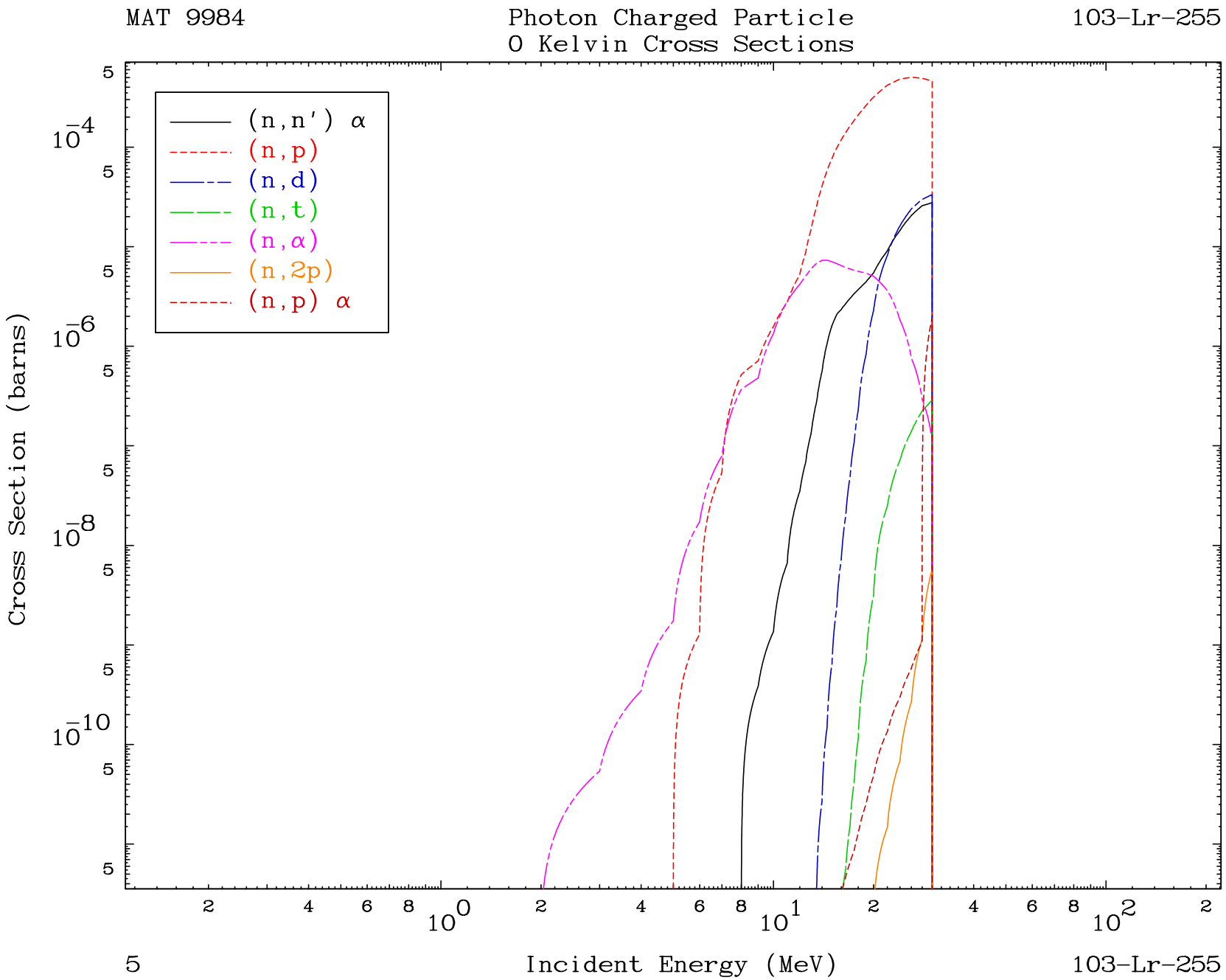
Press Mouse Button to Start

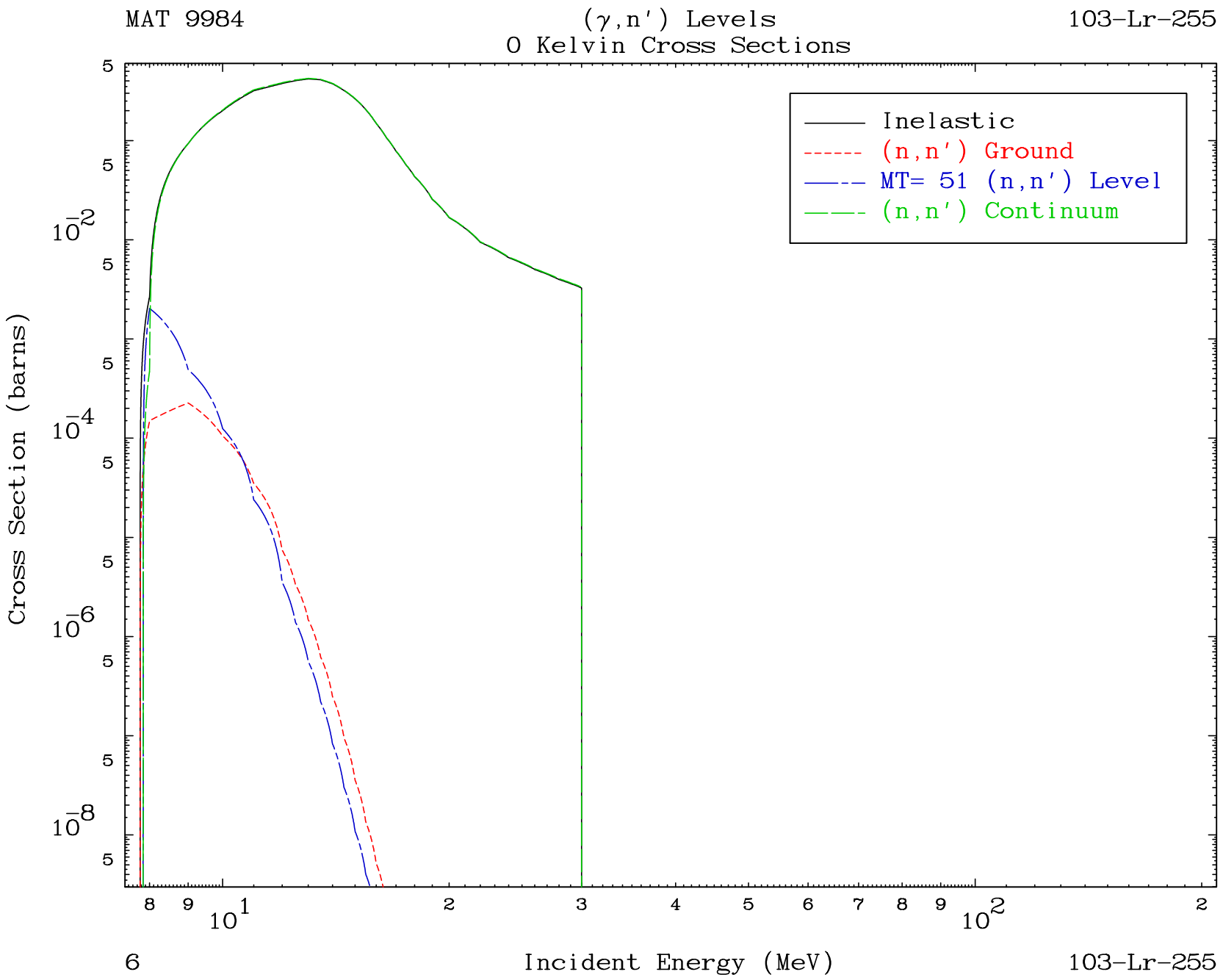

MAT 9984
Photon Major
103-Lr-255
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
103-Lr-255
1

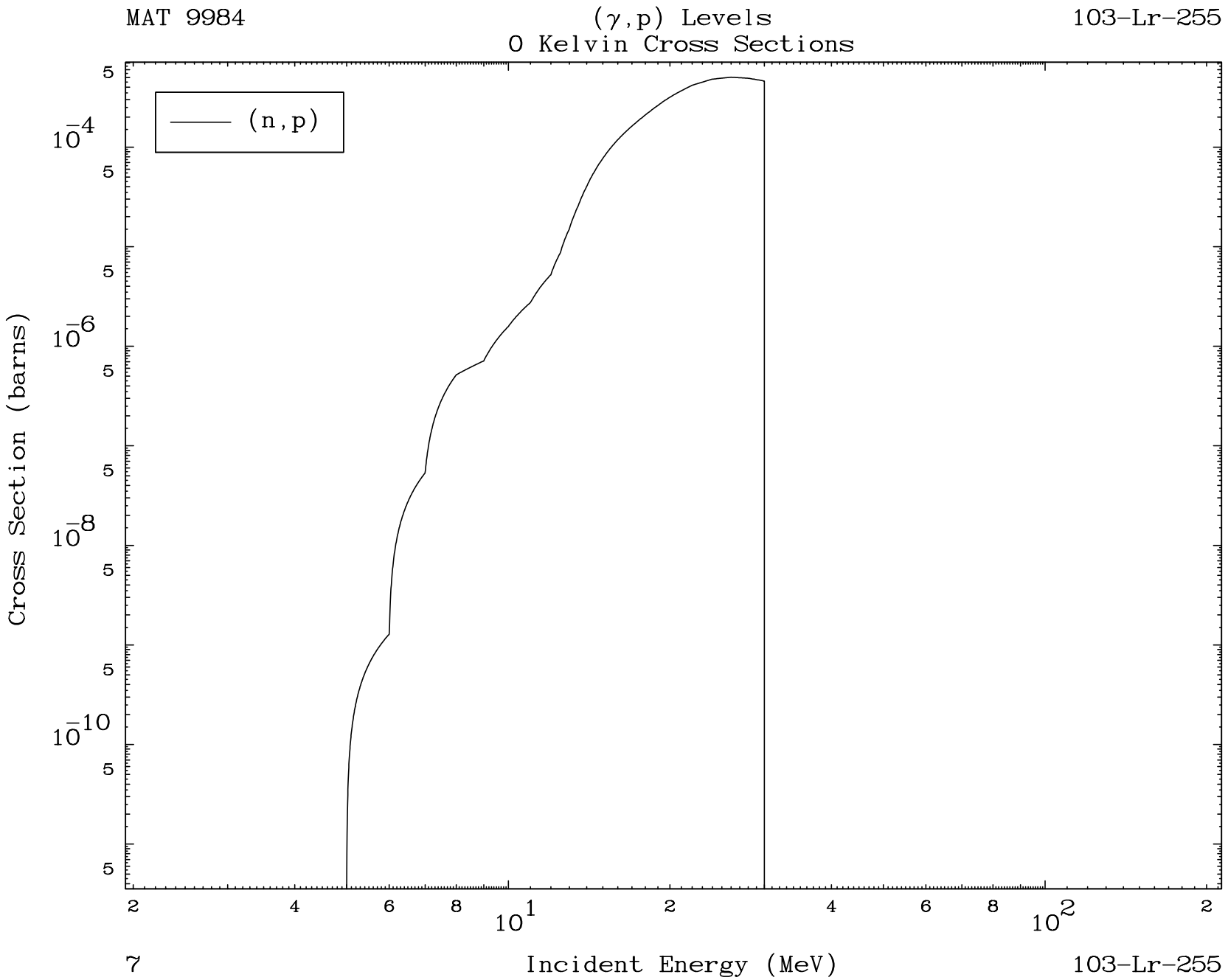

MAT 9984
Photon Neutron Absorption
0 Kelvin Cross Sections
103-Lr-255
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
103-Lr-255

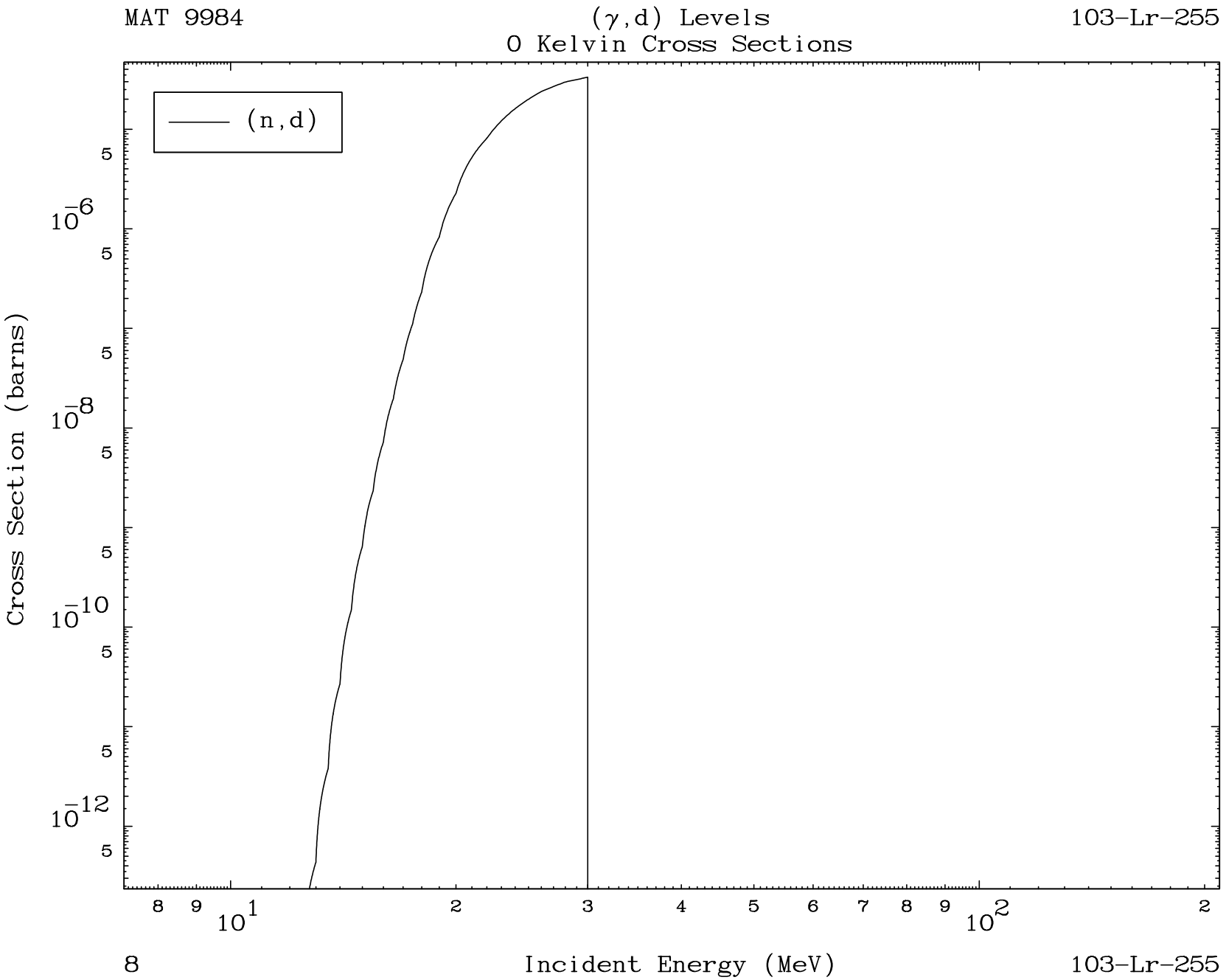

MAT 9984
Photon Neutron Absorption
0 Kelvin Cross Sections
103-Lr-255
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
3
103-Lr-255

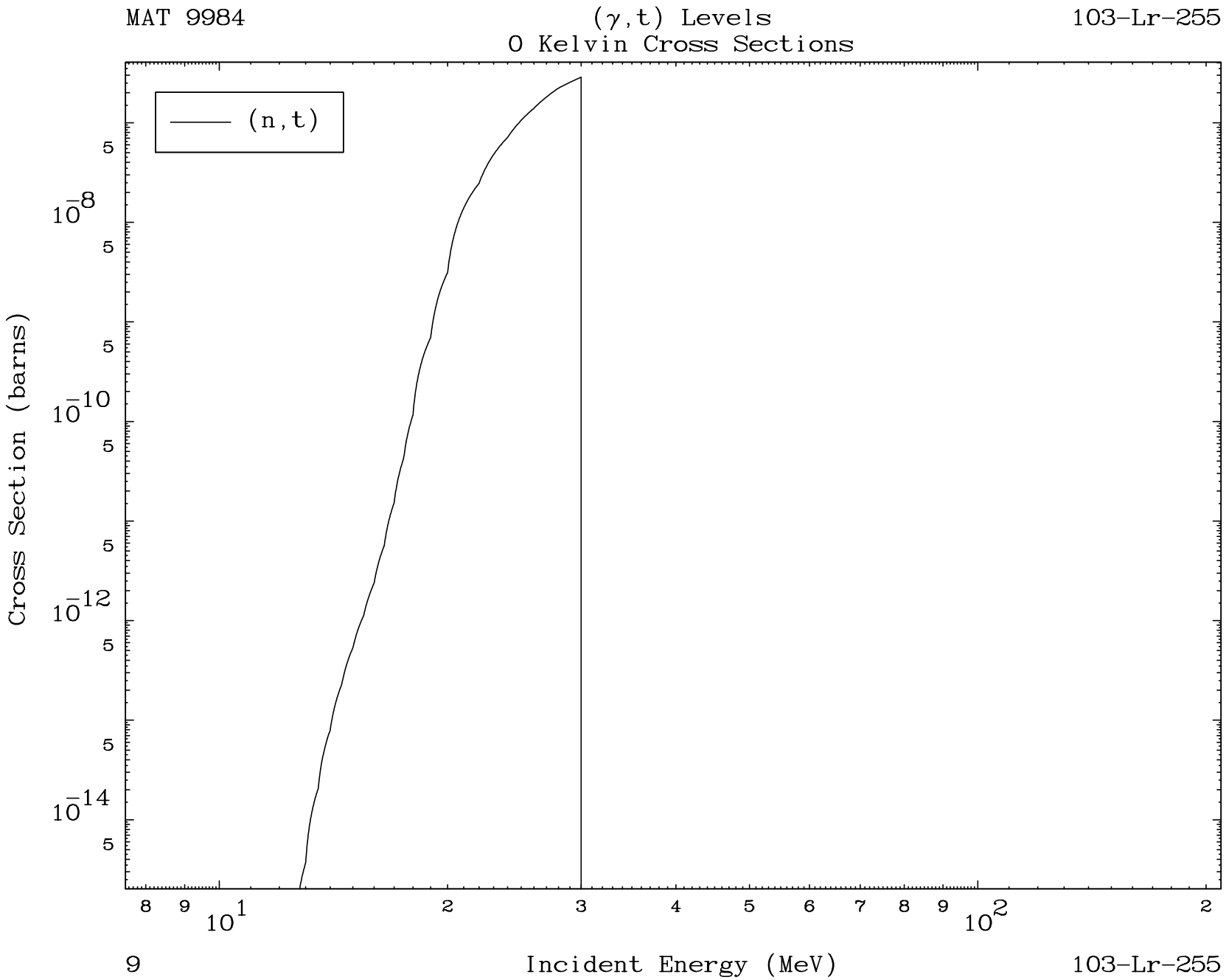

MAT 9984
Photon Charged Particle
0 Kelvin Cross Sections
103-Lr-255
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
4
103-Lr-255

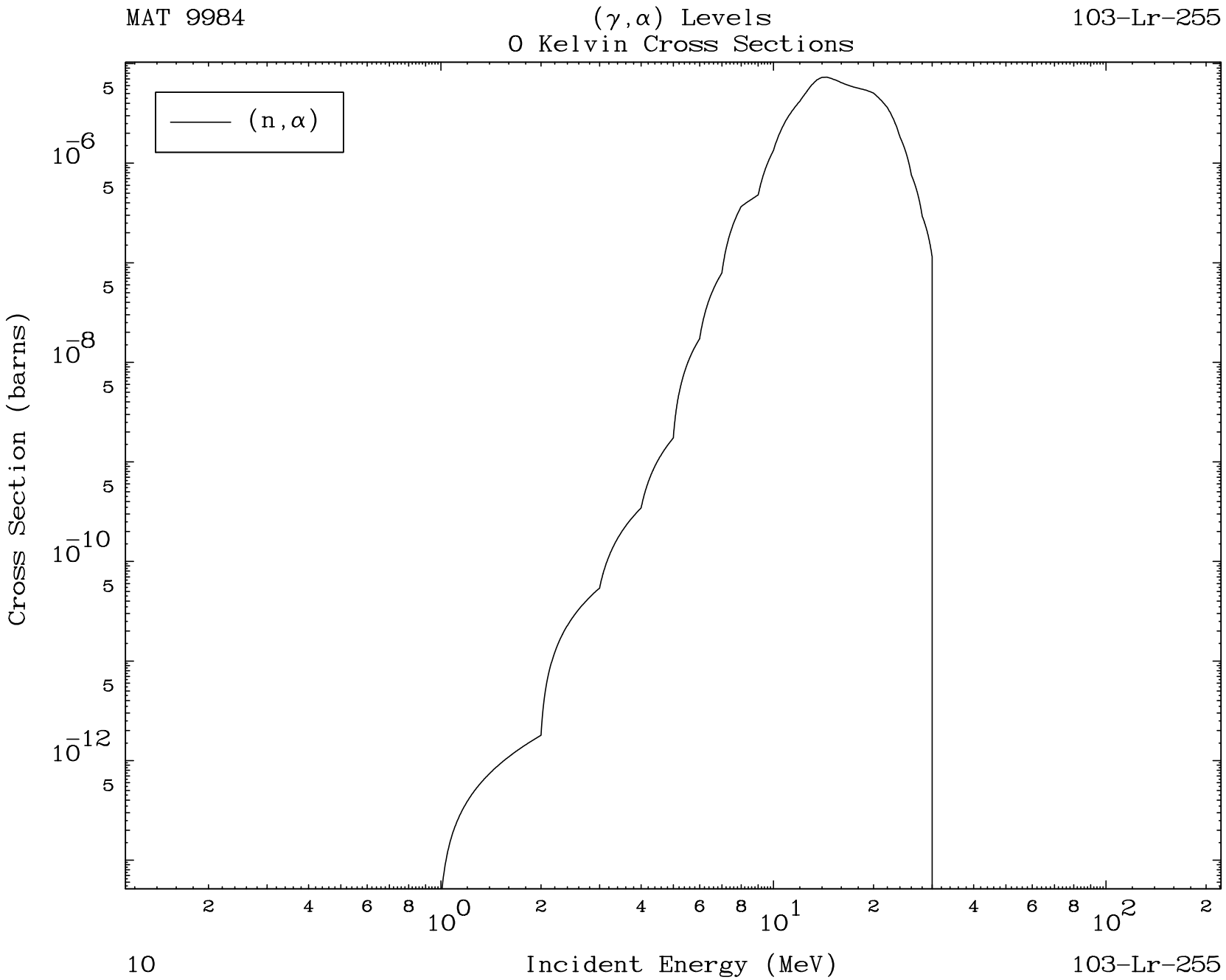

MAT 9984
Photon Charged Particle
0 Kelvin Cross Sections
103-Lr-255
(n,n') α
(n,p)
(n,d)
(n,t)
(n,α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
103-Lr-255

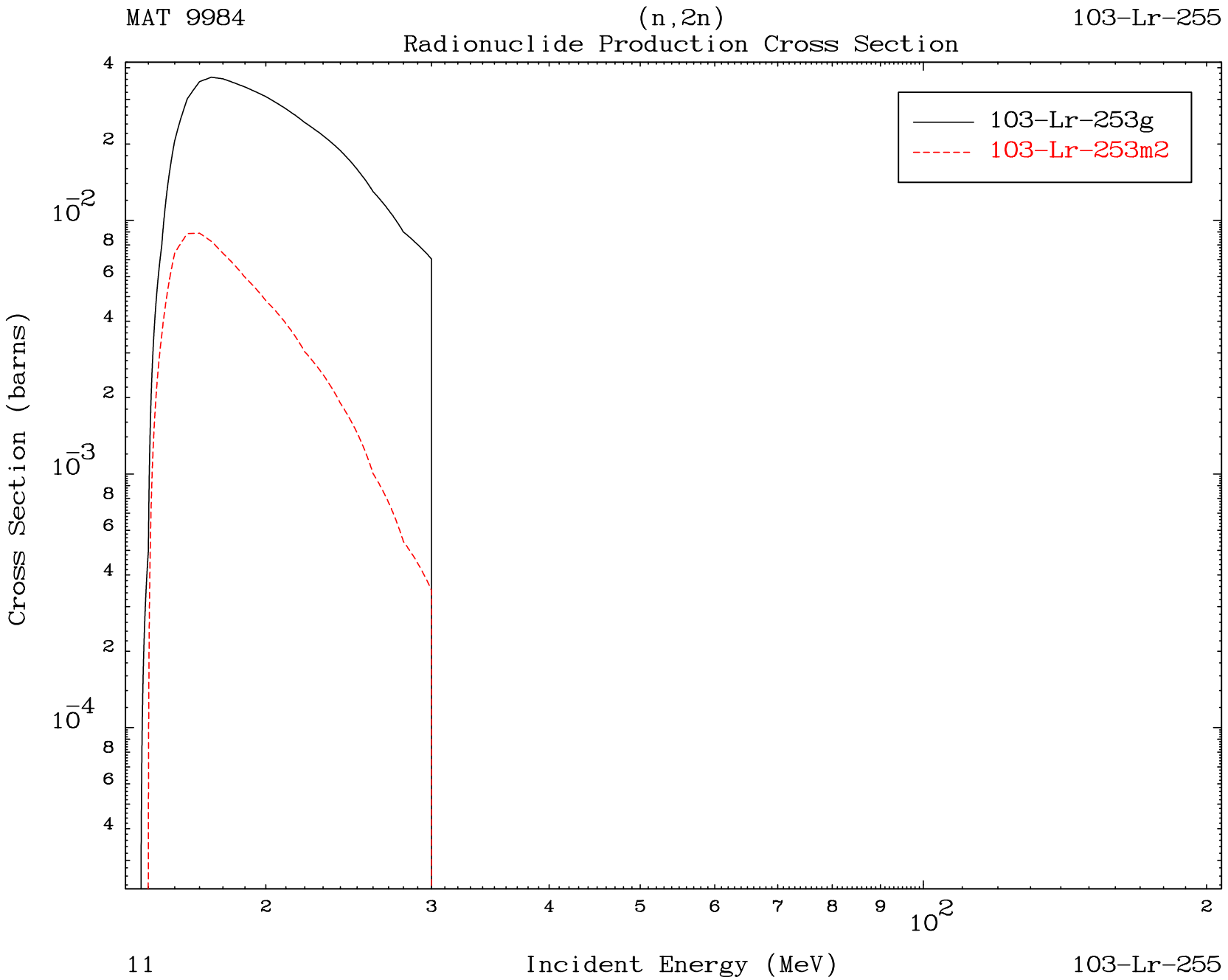

MAT 9984
(γ,n') Levels
0 Kelvin Cross Sections
103-Lr-255
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
6
103-Lr-255

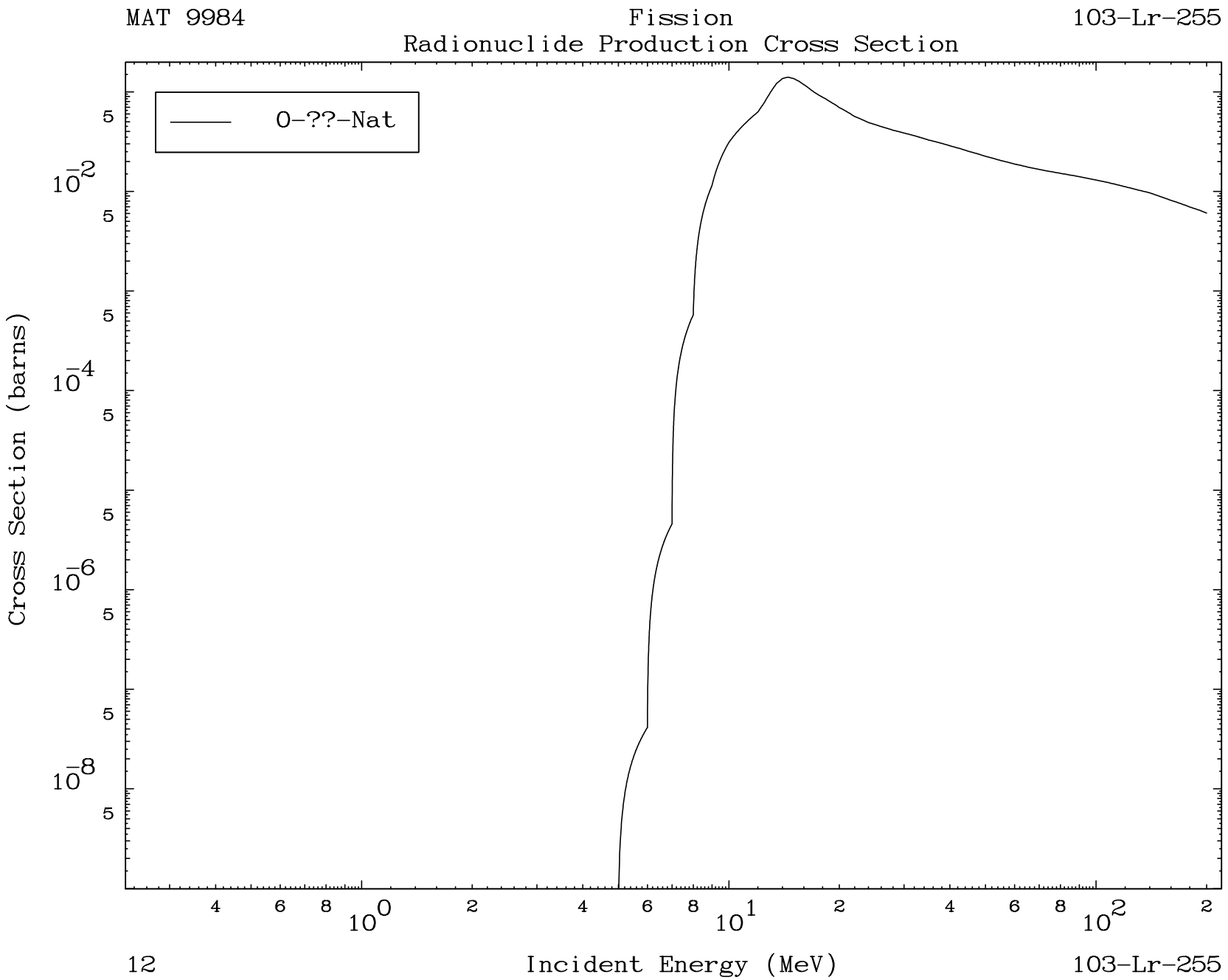

MAT 9984
(γ,p) Levels
103-Lr-255
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
7
103-Lr-255

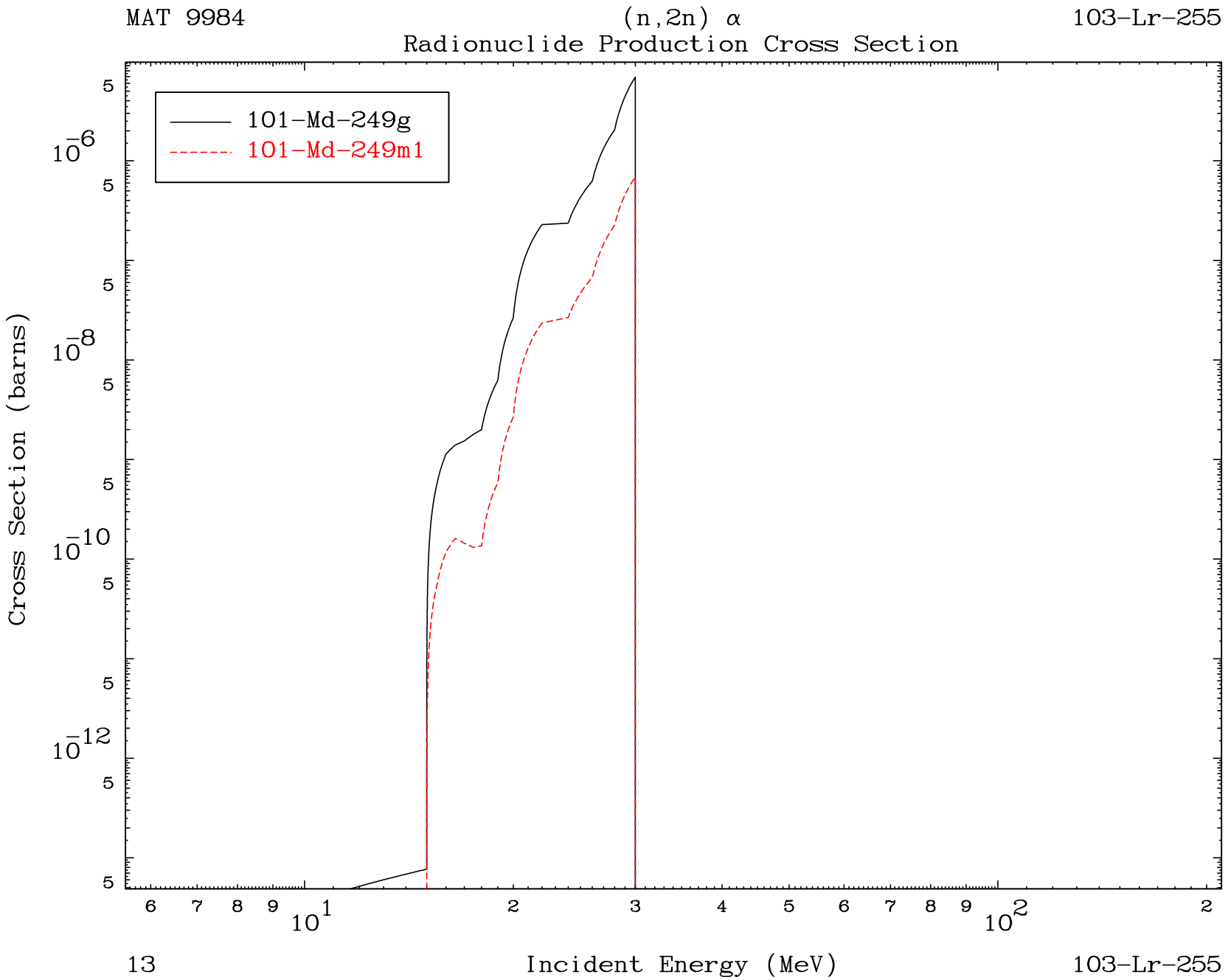

MAT 9984
(γ,d) Levels
103-Lr-255
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
8
103-Lr-255

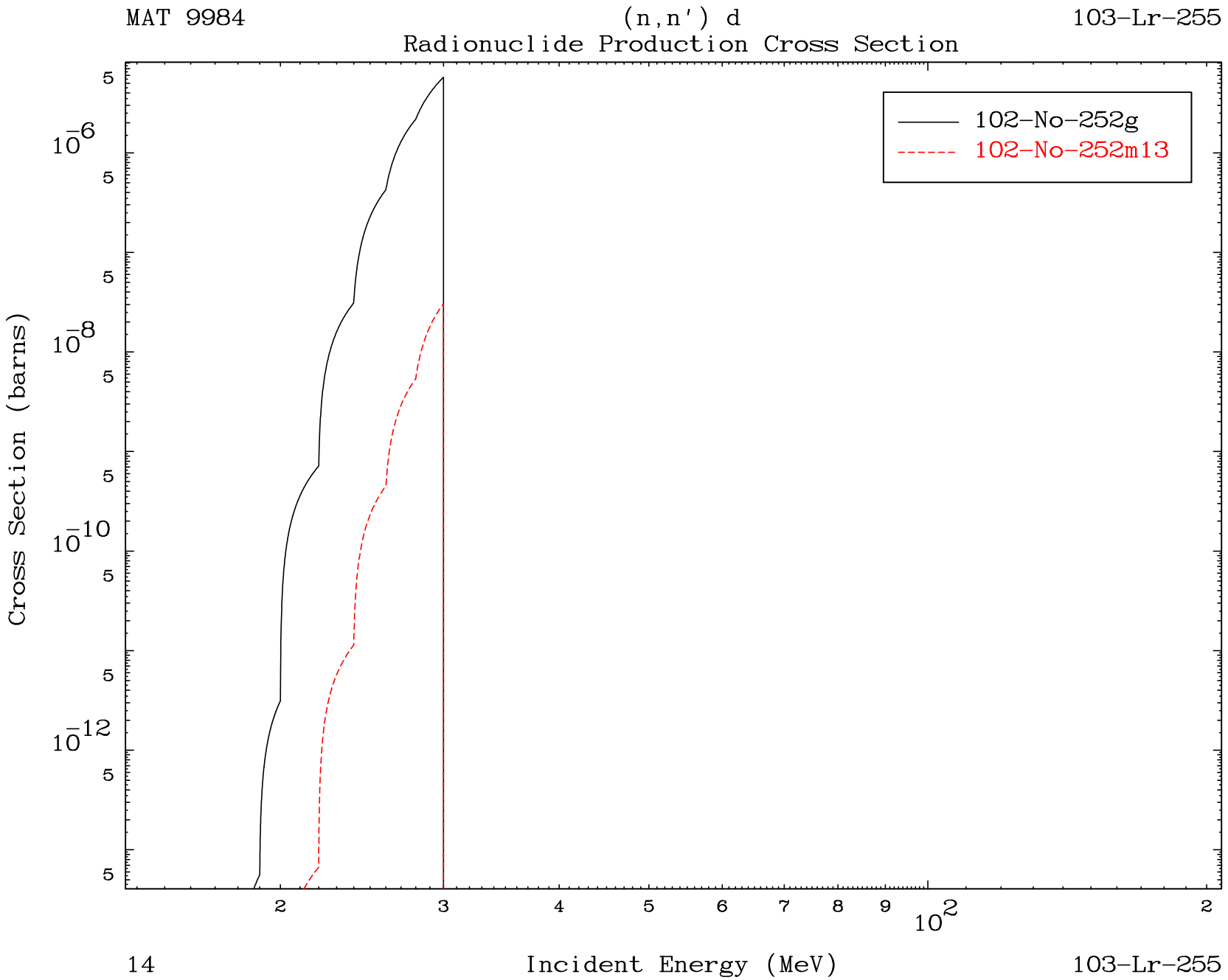

MAT 9984
(γ,t) Levels
103-Lr-255
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
9
103-Lr-255

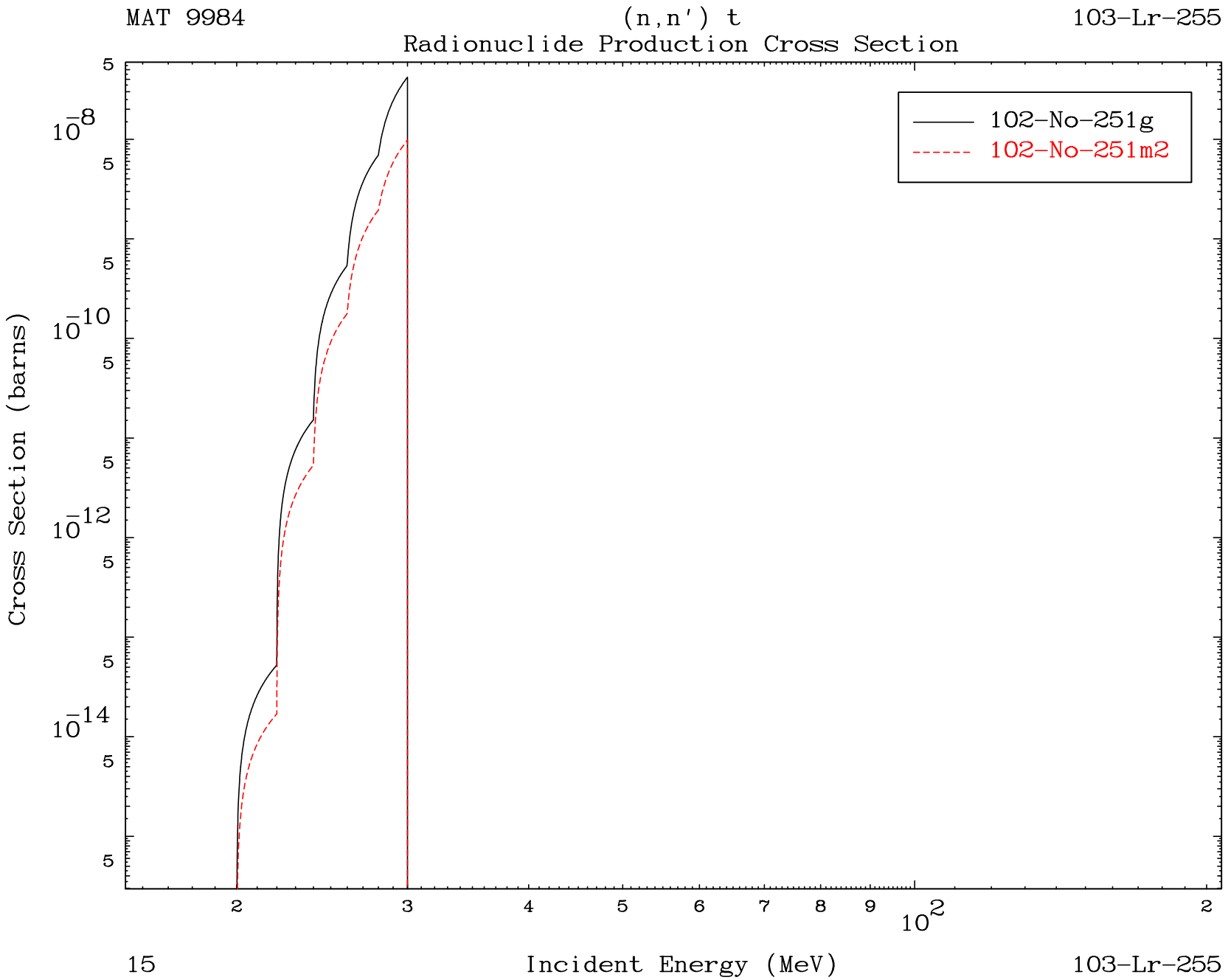

MAT 9984
(γ,α) Levels
103-Lr-255
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
10
103-Lr-255

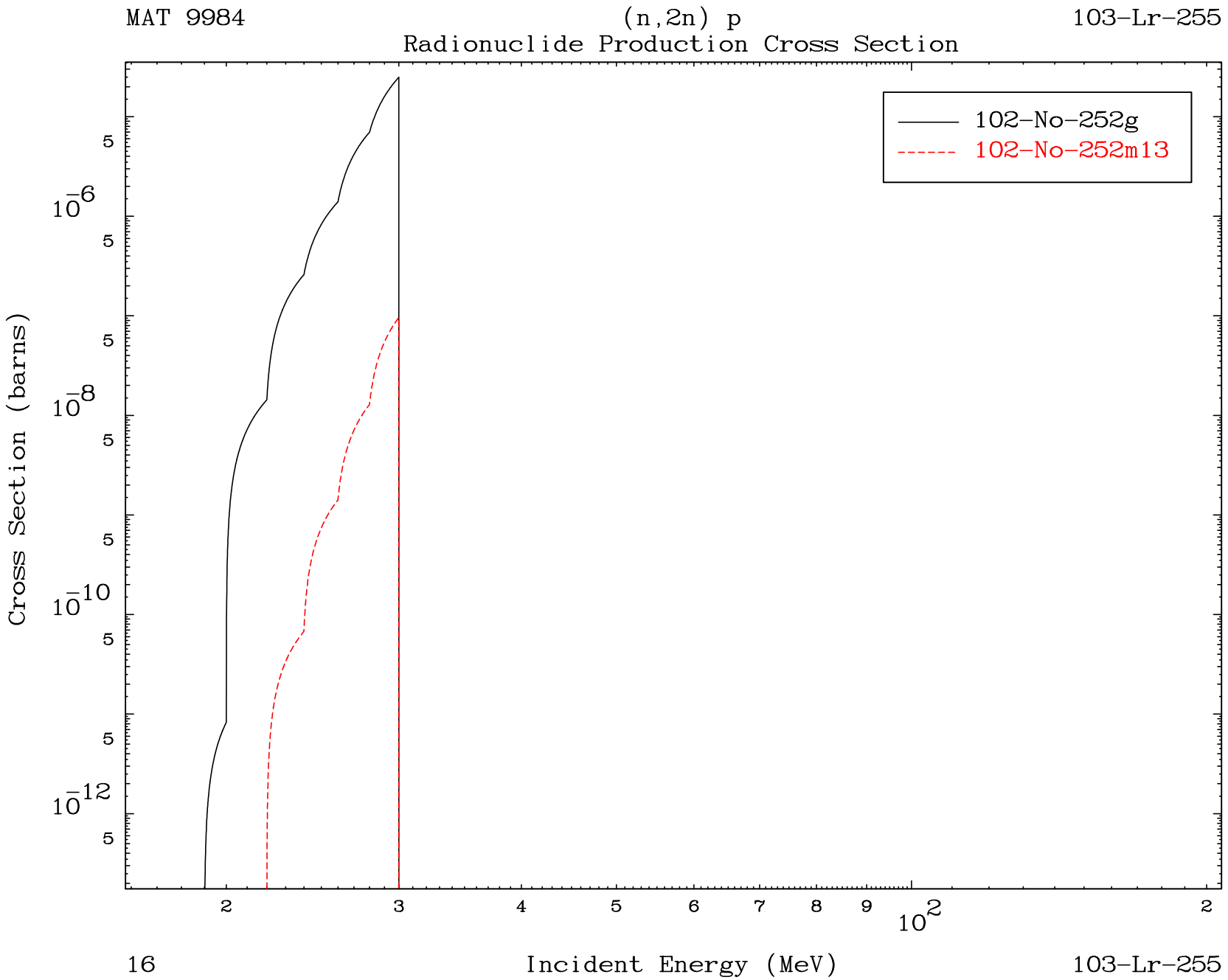

MAT 9984
(n,2n)
103-Lr-255
Radionuclide Production Cross Section
103-Lr-253g
103-Lr-253m2
Cross Section (barns)
Incident Energy (MeV)
11
103-Lr-255

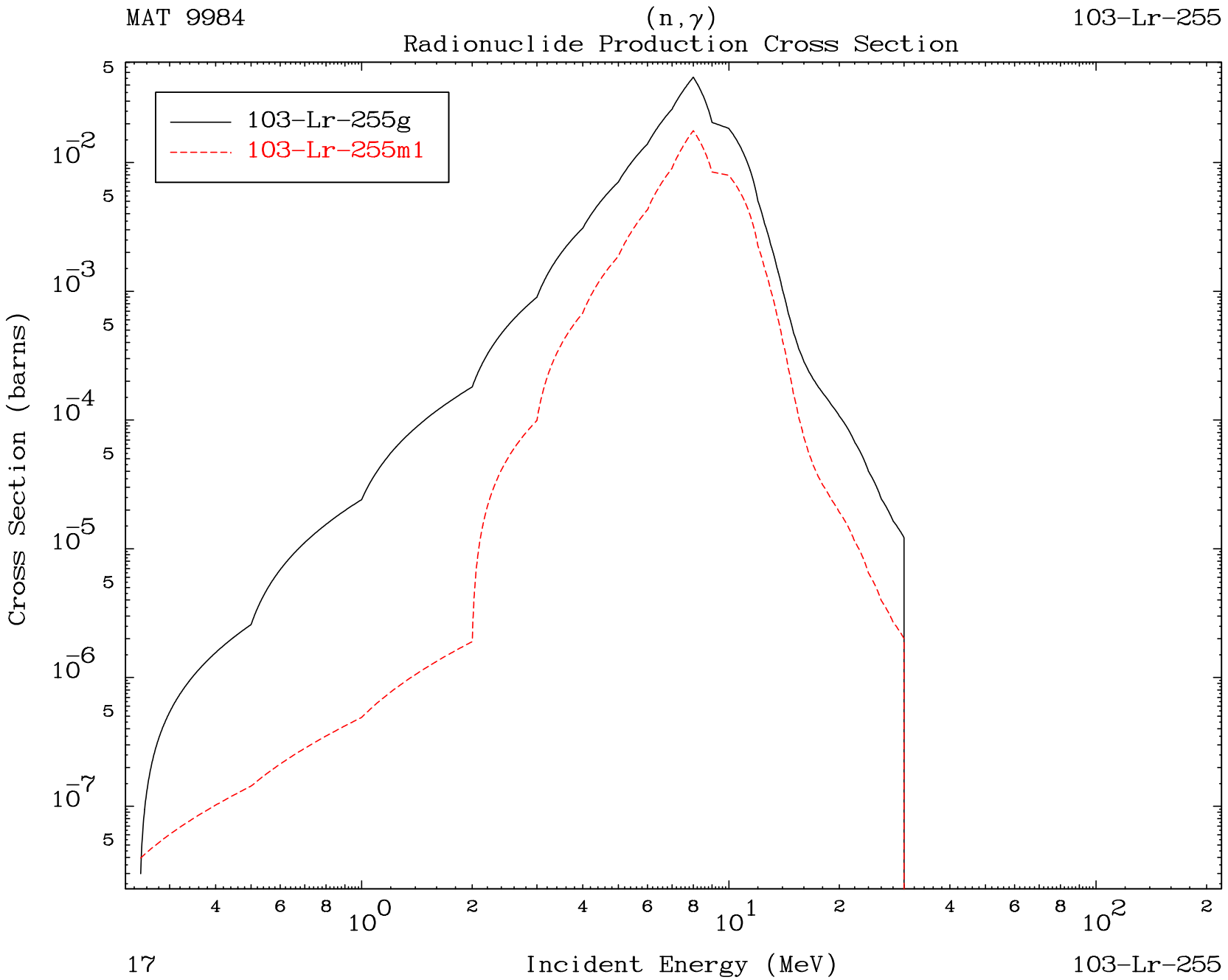

MAT 9984
Fission
103-Lr-255
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
12
103-Lr-255

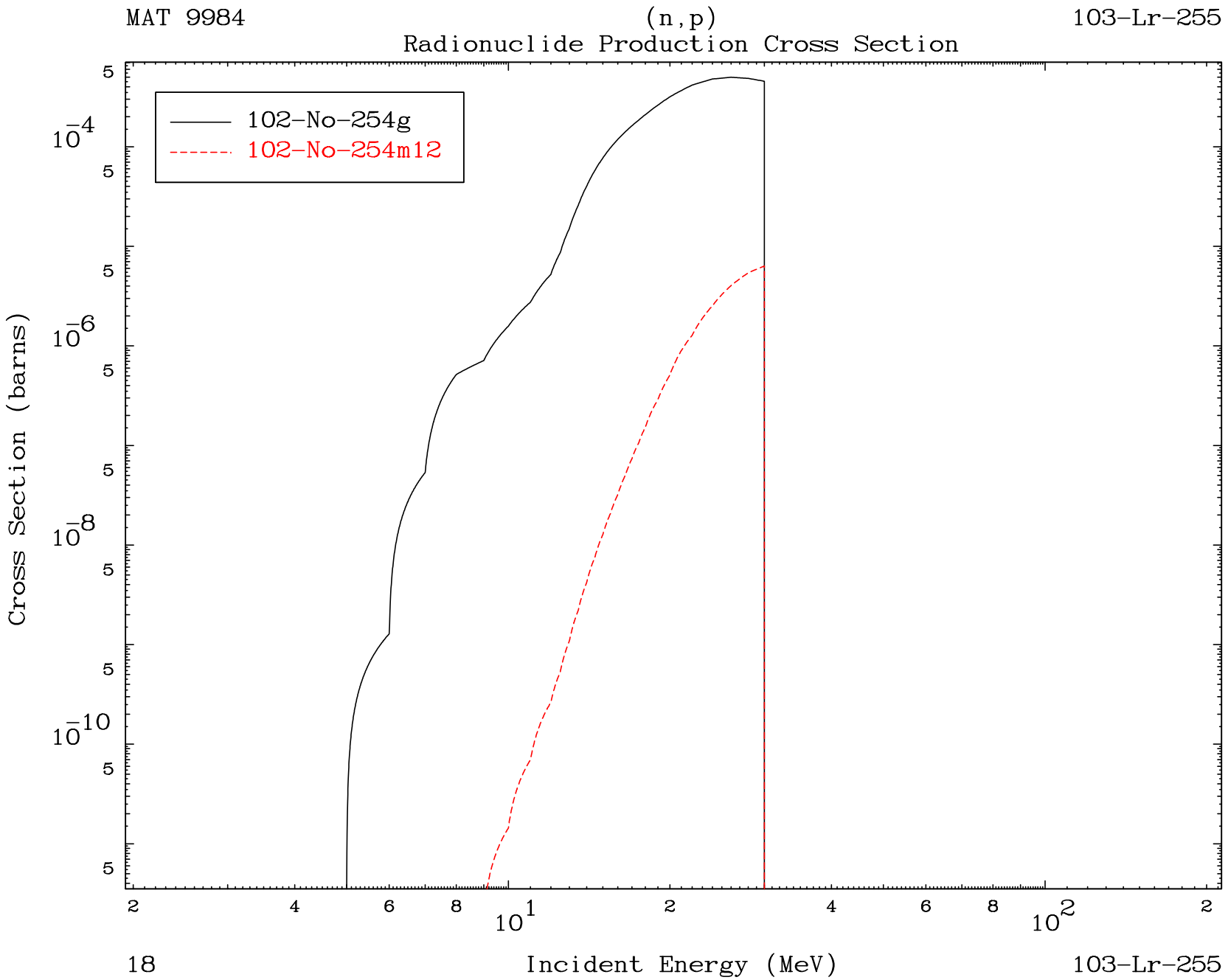

MAT 9984
(n,2n) α
103-Lr-255
Radionuclide Production Cross Section
101-Md-249g
101-Md-249m1
Cross Section (barns)
Incident Energy (MeV)
13
103-Lr-255

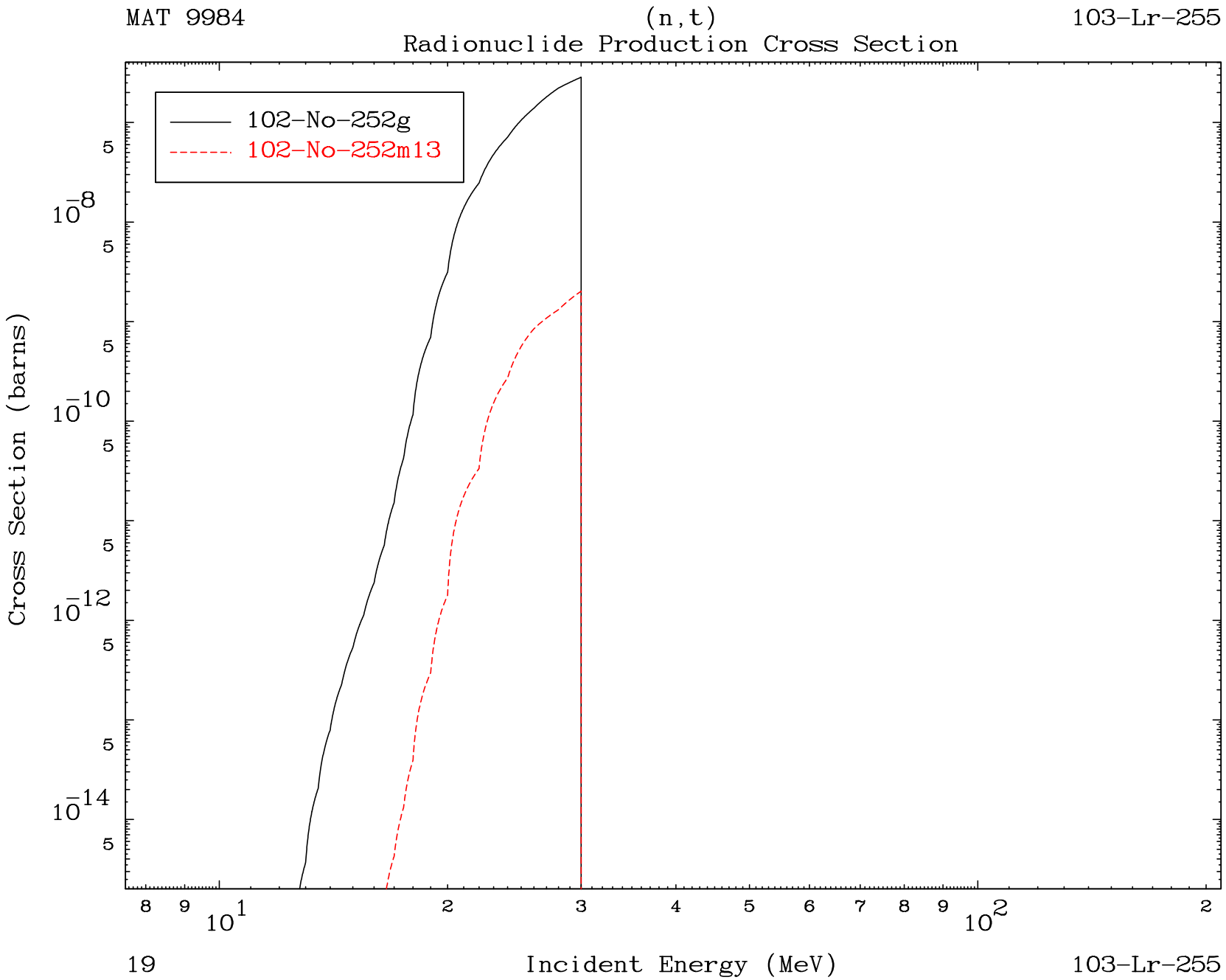

MAT 9984
(n,n') d
103-Lr-255
Radionuclide Production Cross Section
102-No-252g
102-No-252m13
Cross Section (barns)
Incident Energy (MeV)
14
103-Lr-255

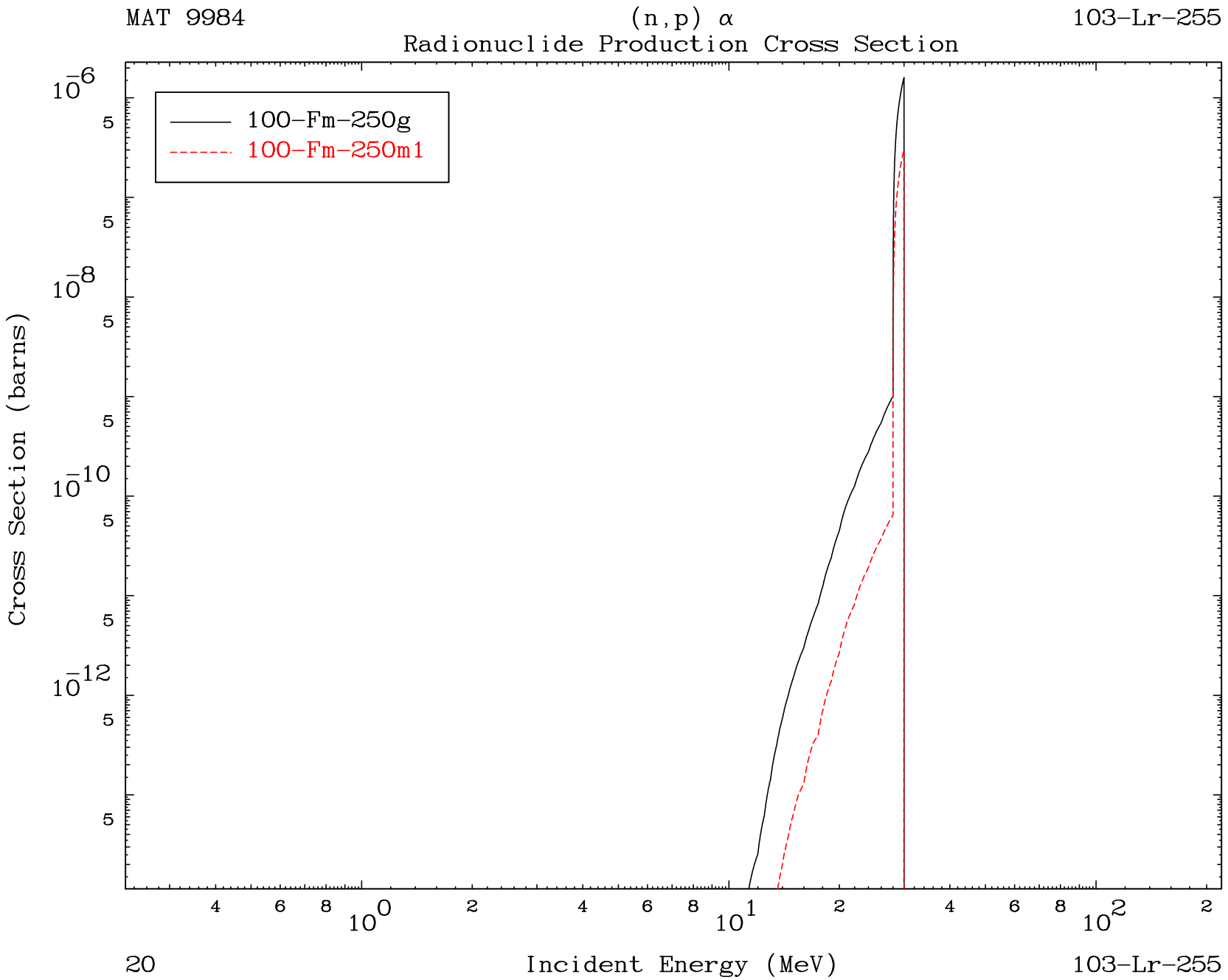

MAT 9984
(n,n') t
103-Lr-255
Radionuclide Production Cross Section
102-No-251g
102-No-251m2
Cross Section (barns)
10-8
10-10
10-12
10-14
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
15
103-Lr-255


MAT 9984
(n,2n) p
103-Lr-255
Radionuclide Production Cross Section
102-No-252g
102-No-252m13
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
6
7
8
9
10 2
Incident Energy (MeV)
16
103-Lr-255


MAT 9984
(n,γ)
103-Lr-255
Radionuclide Production Cross Section
103-Lr-255g
103-Lr-255m1
Cross Section (barns)
Incident Energy (MeV)
17
103-Lr-255


MAT 9984
(n,p)
103-Lr-255
Radionuclide Production Cross Section
102-No-254g
102-No-254m12
Cross Section (barns)
Incident Energy (MeV)
18
103-Lr-255


MAT 9984
(n,t)
103-Lr-255
Radionuclide Production Cross Section
102-No-252g
102-No-252m13
Cross Section (barns)
Incident Energy (MeV)
19
103-Lr-255


MAT 9984
(n,p) α
103-Lr-255
Radionuclide Production Cross Section
100-Fm-250g
100-Fm-250m1
Cross Section (barns)
Incident Energy (MeV)
20
103-Lr-255