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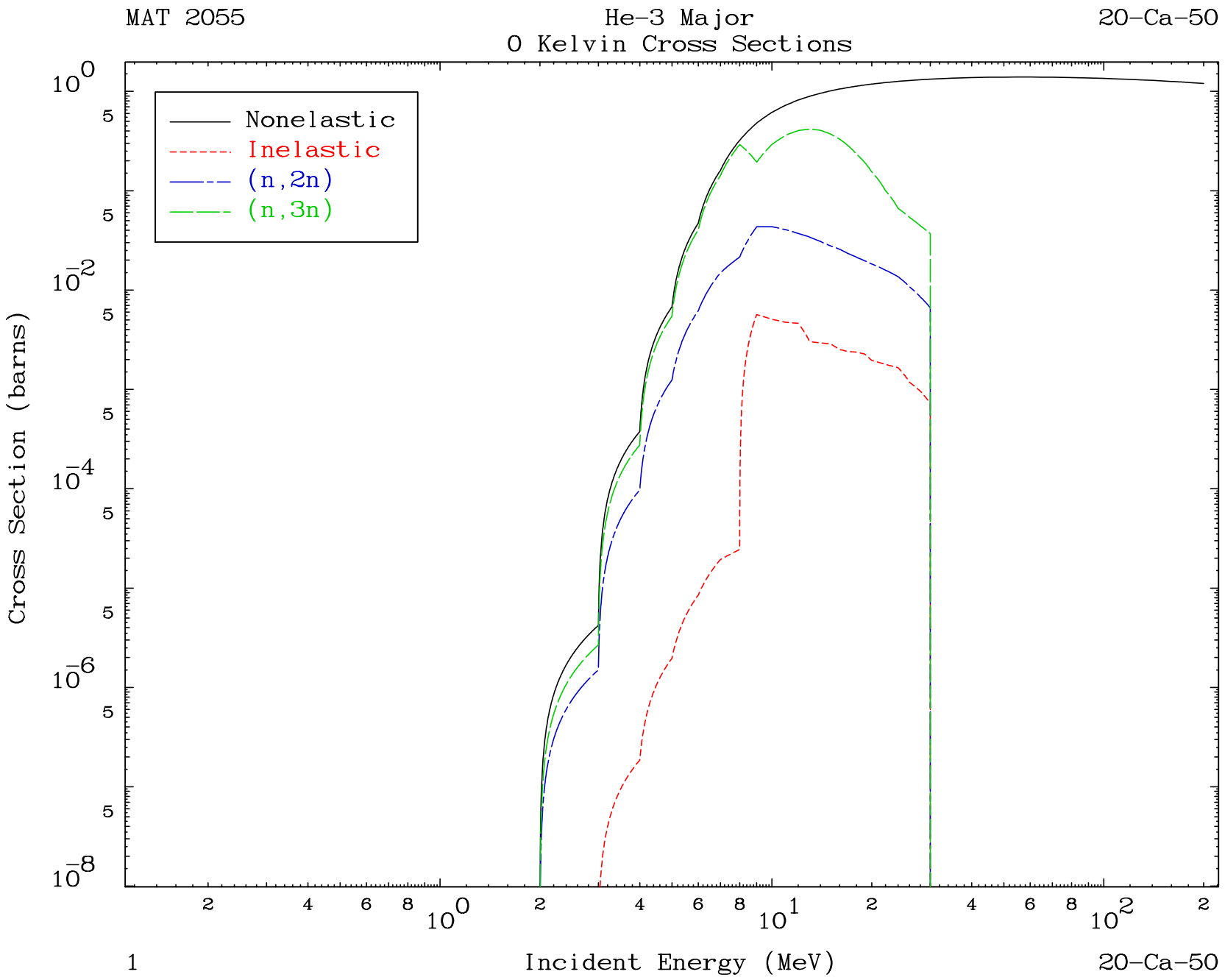
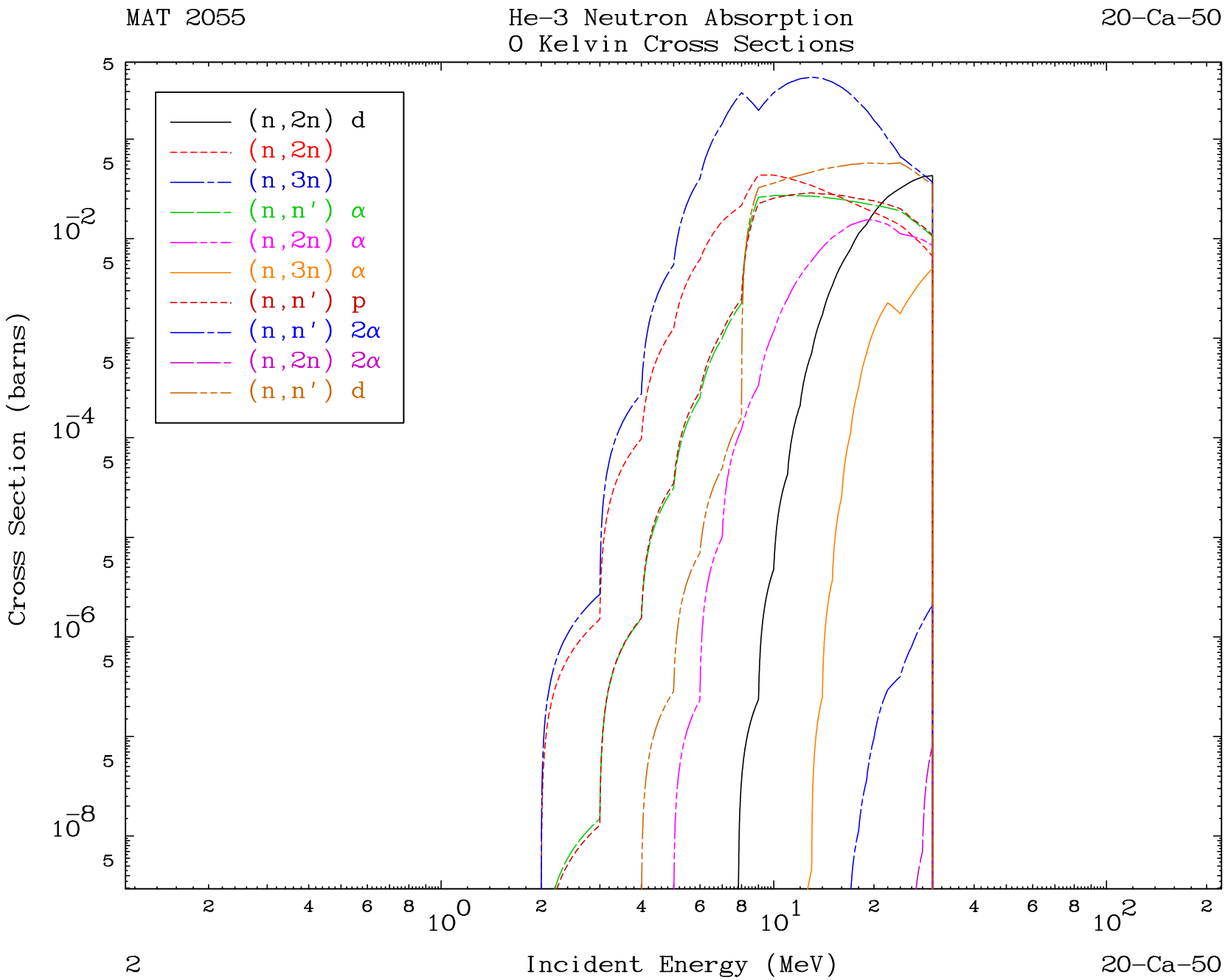
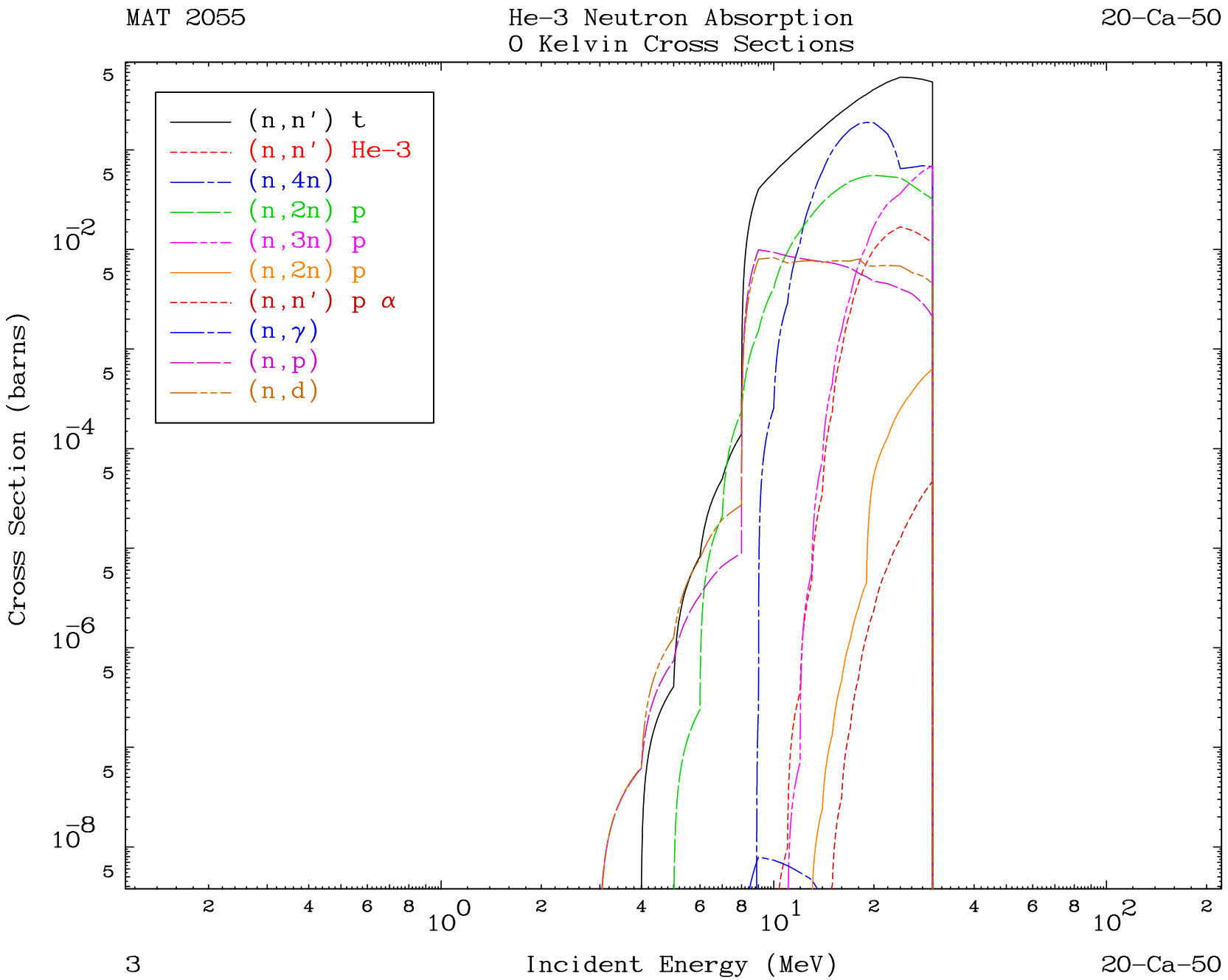
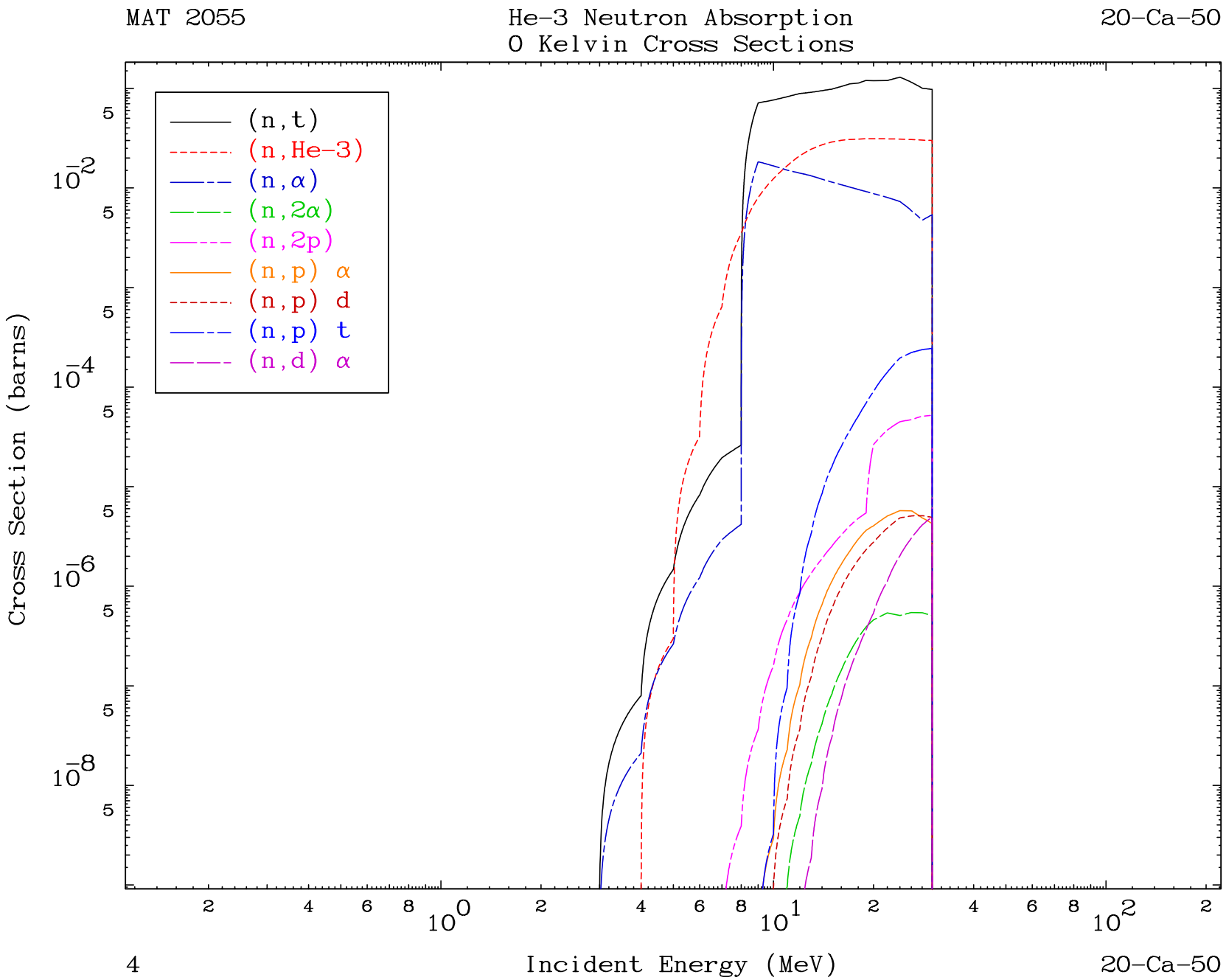
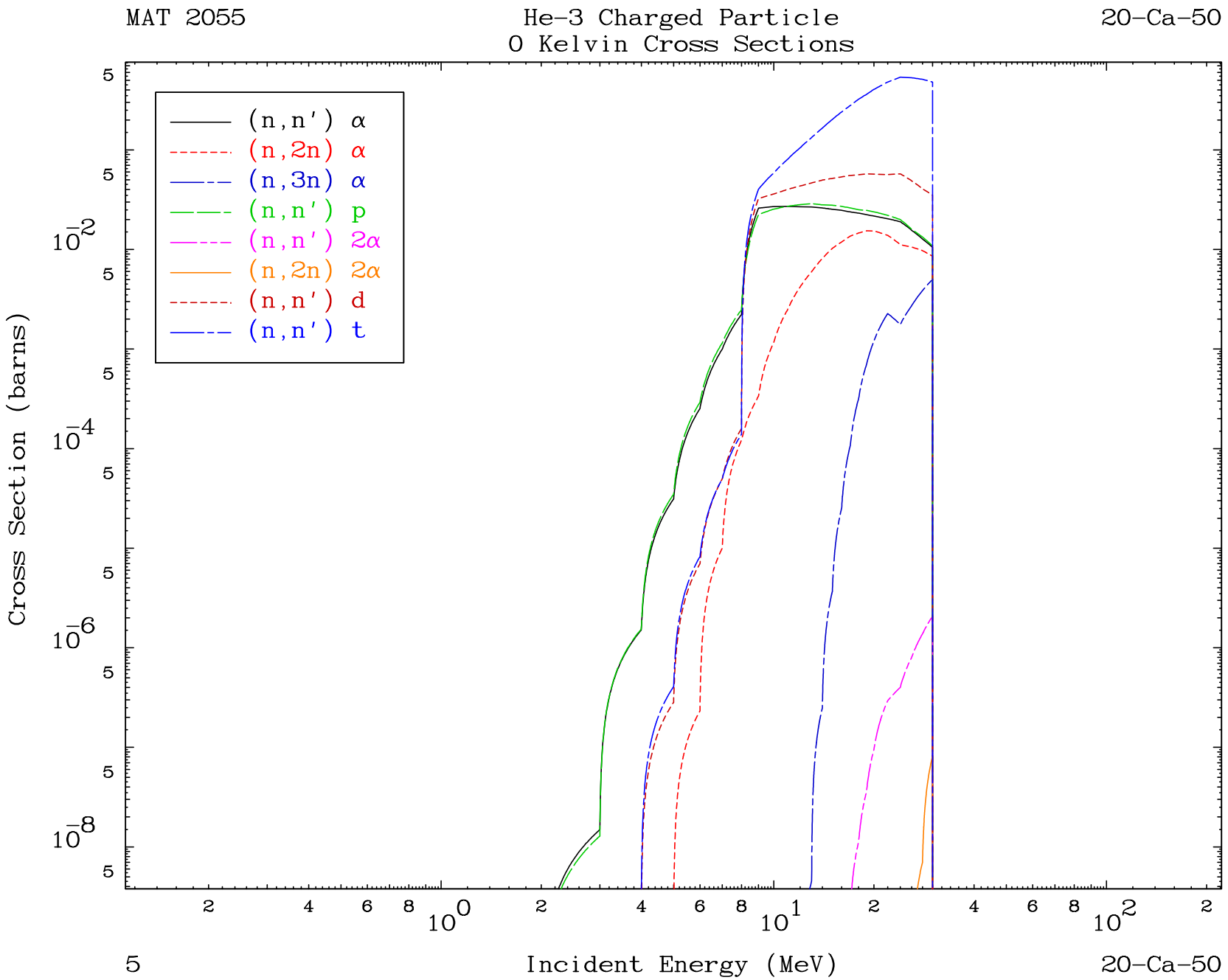
Press Mouse Button to Start

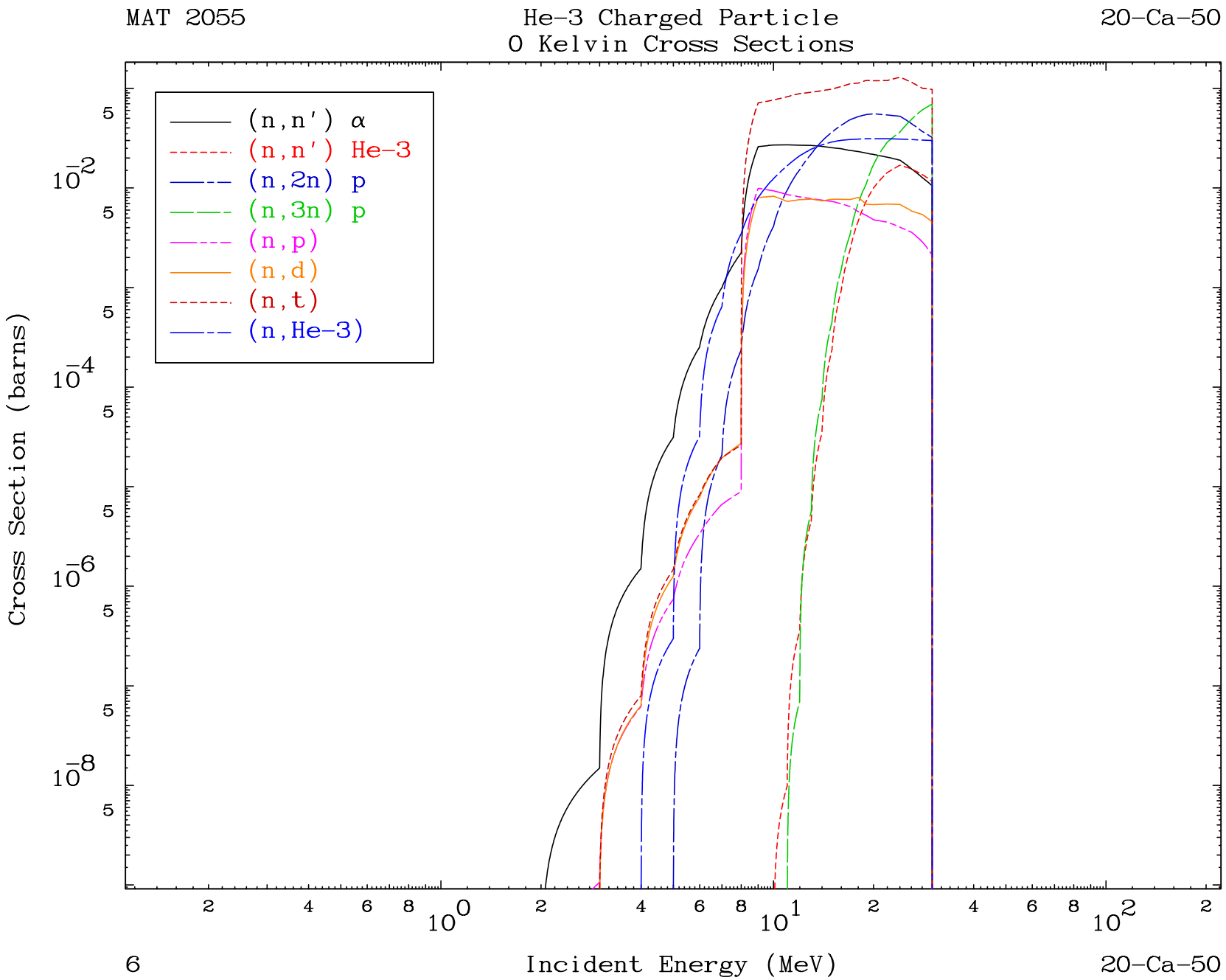

MAT 2055
He-3 Major
20-Ca-50
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
Cross Section (barns)
Incident Energy (MeV)
1
20-Ca-50

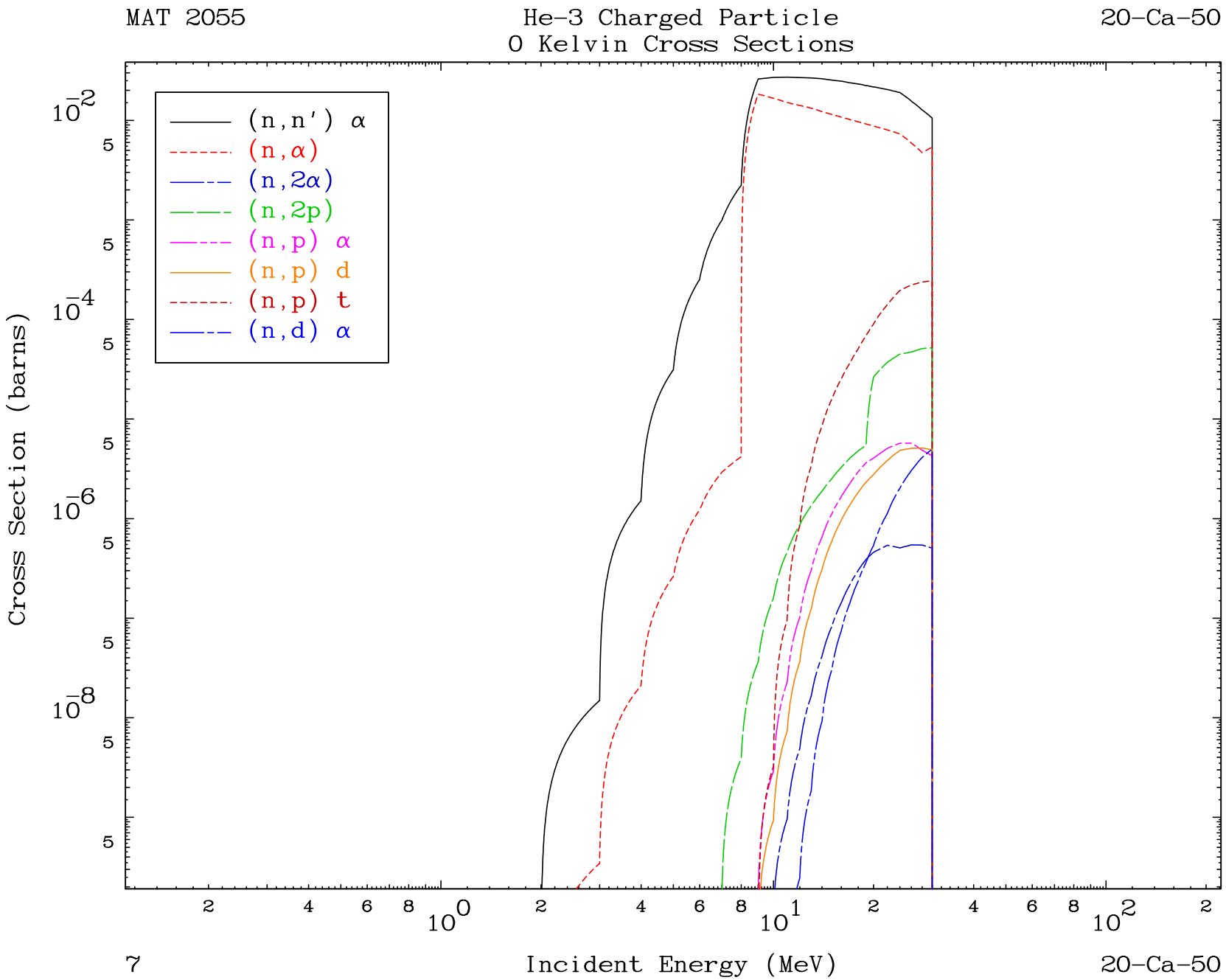

MAT 2055
He-3 Neutron Absorption
0 Kelvin Cross Sections
20-Ca-50
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
2
20-Ca-50

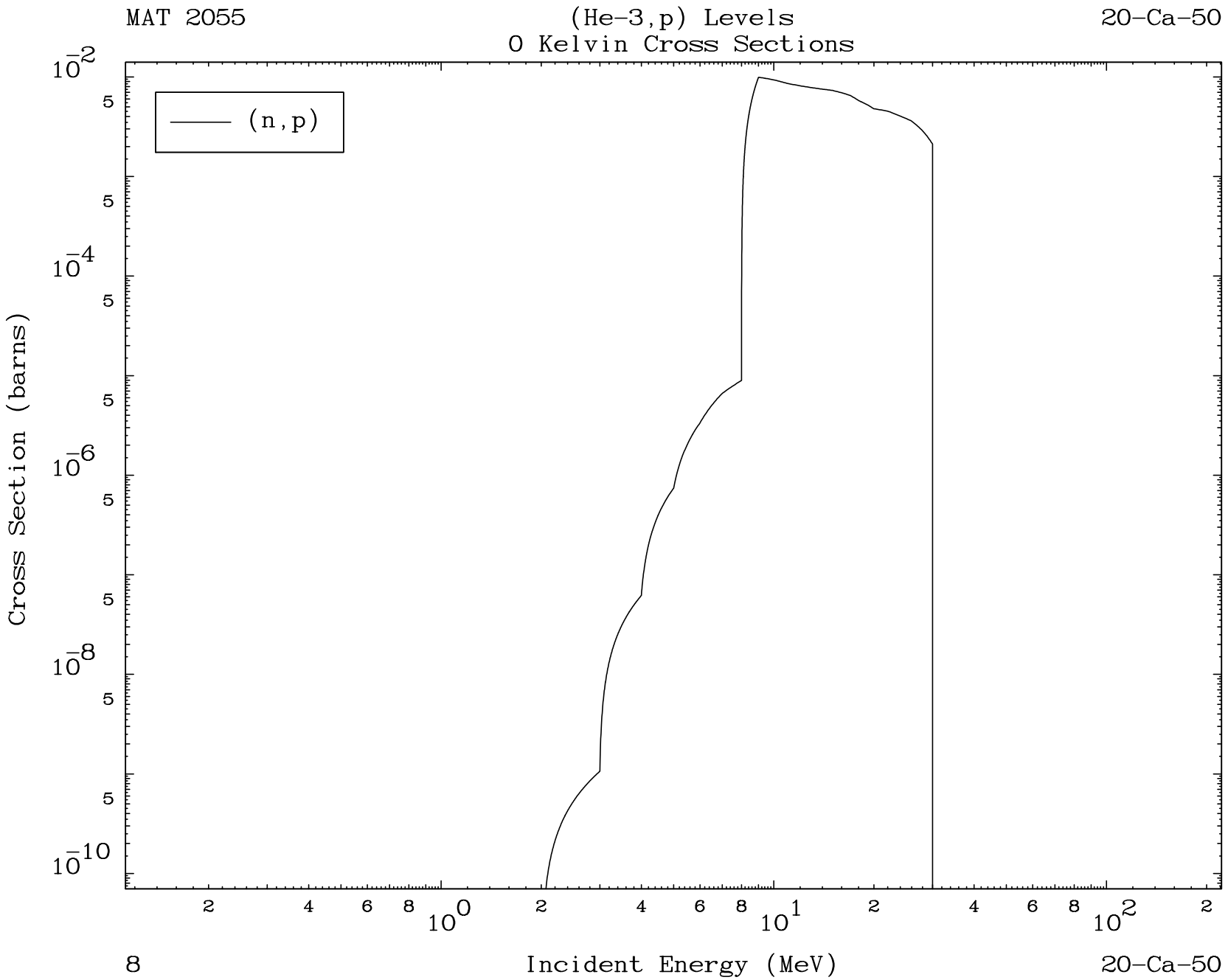

MAT 2055
He-3 Neutron Absorption
0 Kelvin Cross Sections
20-Ca-50
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
20-Ca-50

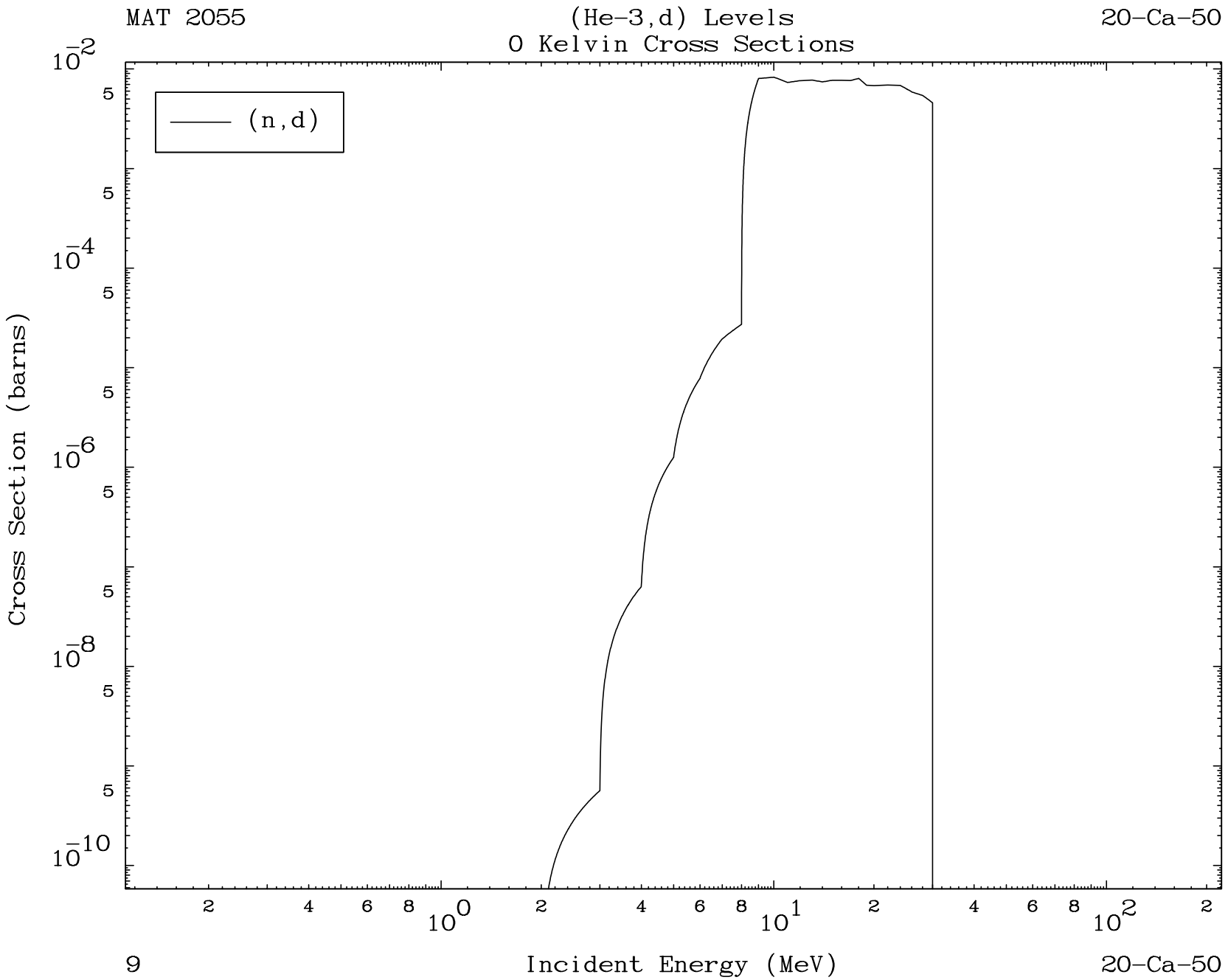

MAT 2055
He-3 Neutron Absorption
0 Kelvin Cross Sections
20-Ca-50
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
20-Ca-50

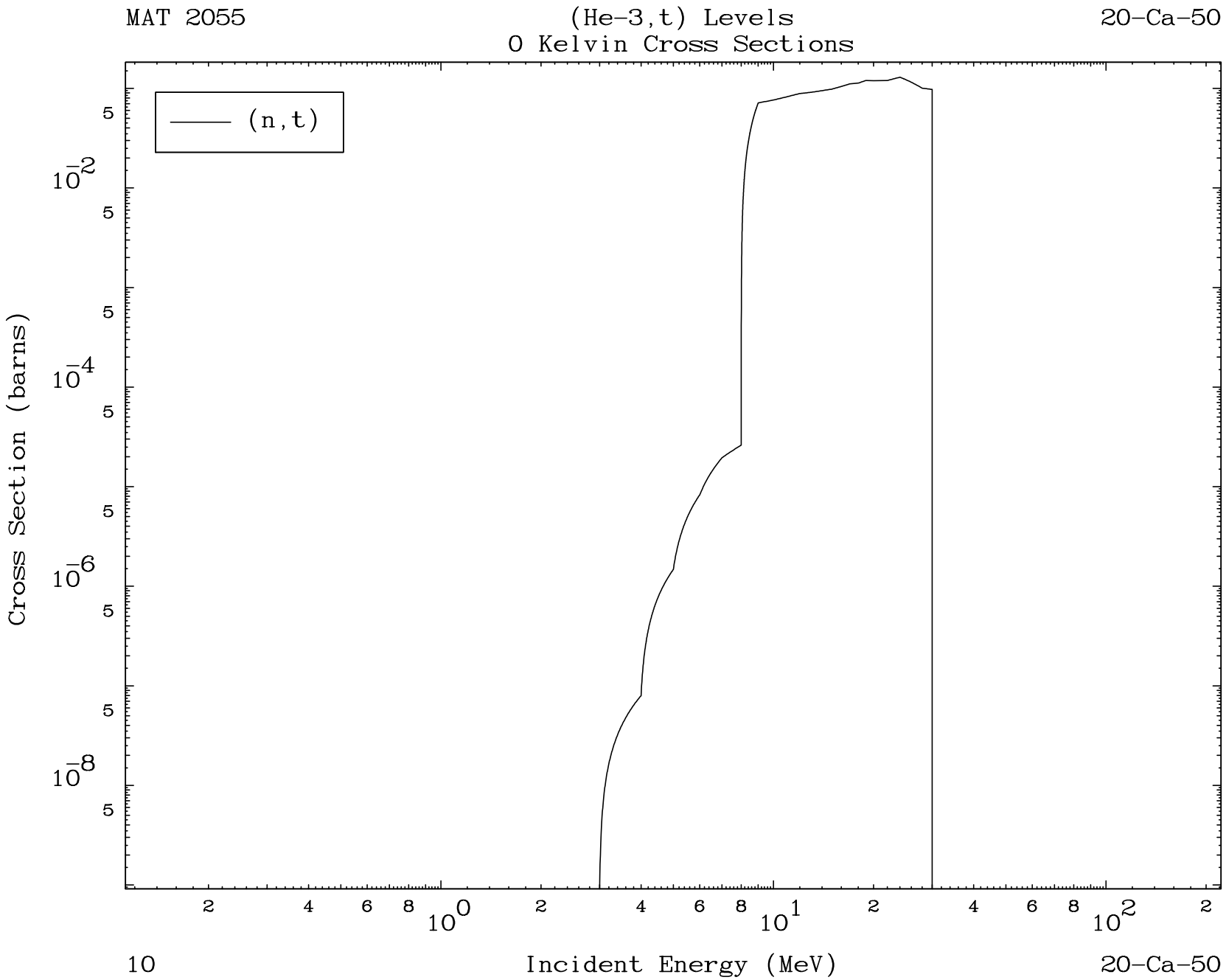

MAT 2055
He-3 Charged Particle
0 Kelvin Cross Sections
20-Ca-50
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
20-Ca-50

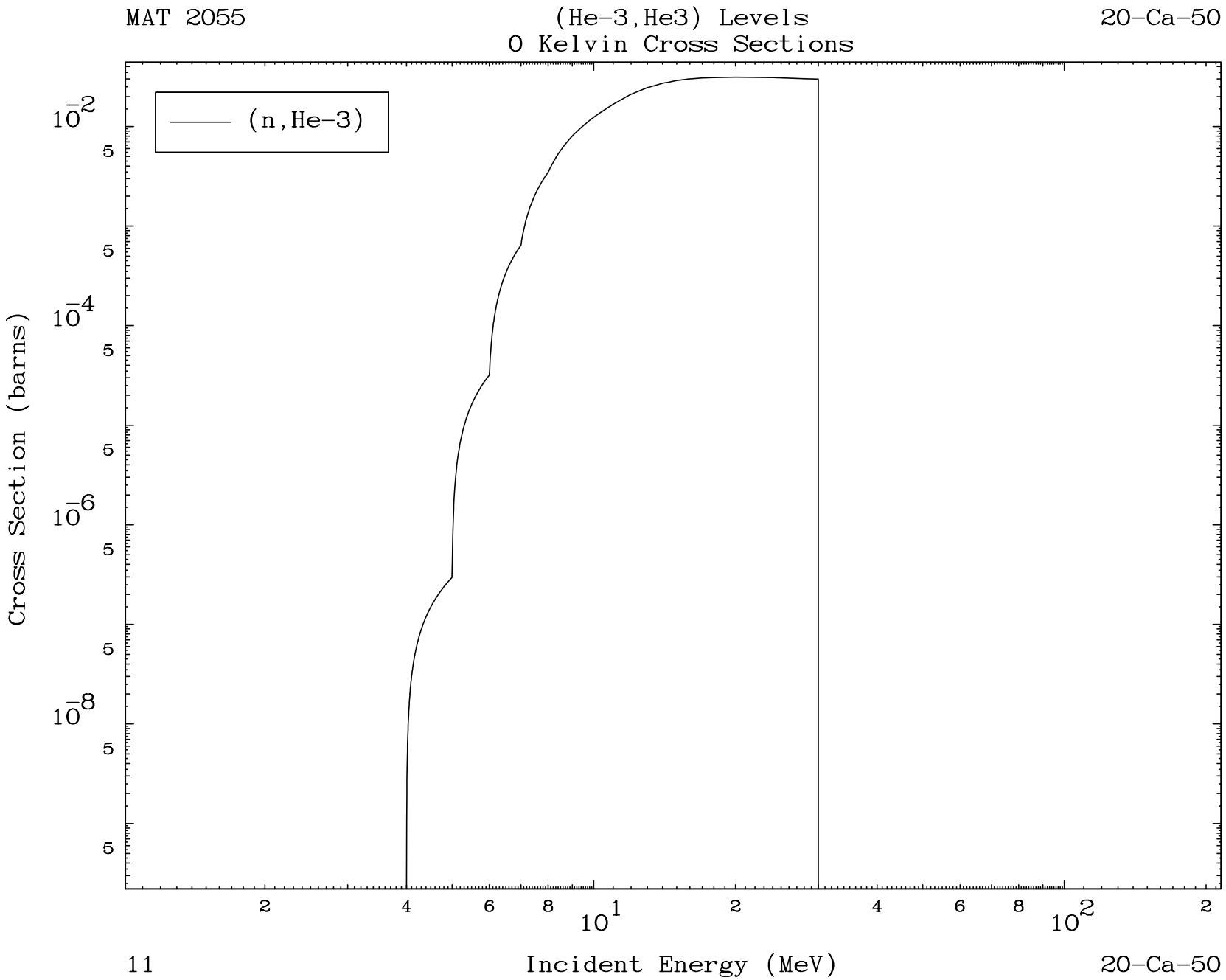

MAT 2055
He-3 Charged Particle
0 Kelvin Cross Sections
20-Ca-50
(n,n') α
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
6
20-Ca-50

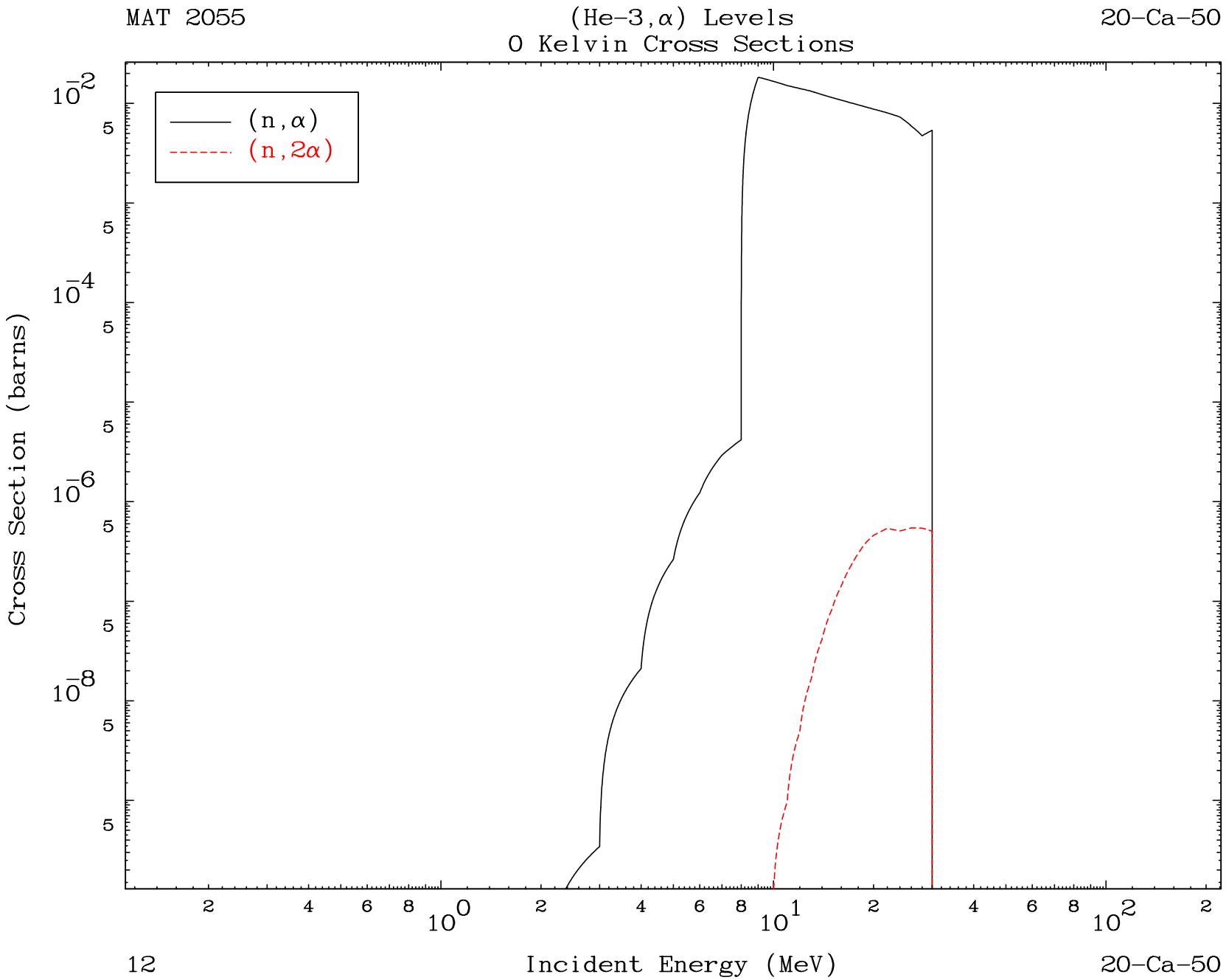

MAT 2055
He-3 Charged Particle
0 Kelvin Cross Sections
20-Ca-50
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
20-Ca-50

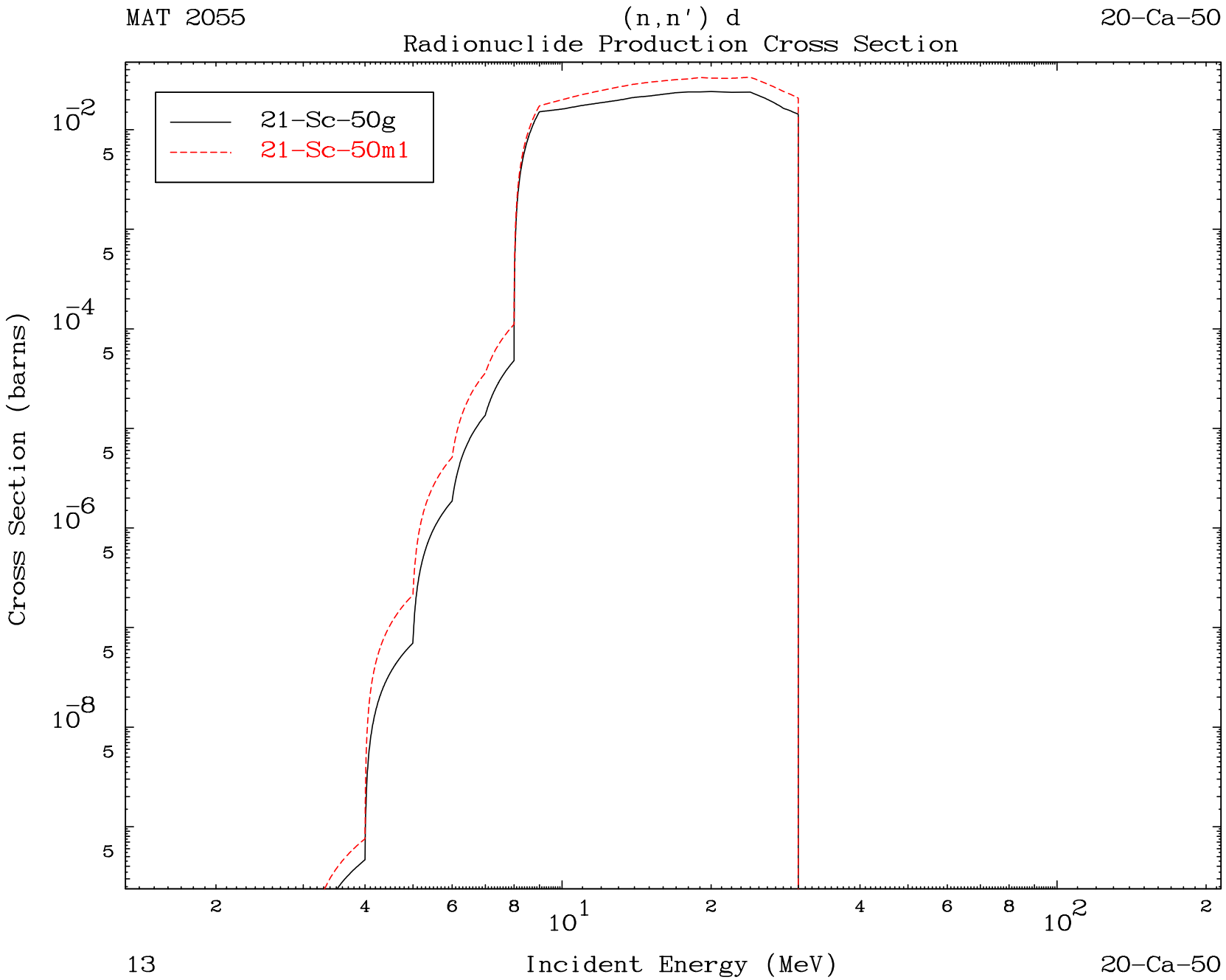

MAT 2055
(He-3,p) Levels
20-Ca-50
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
20-Ca-50

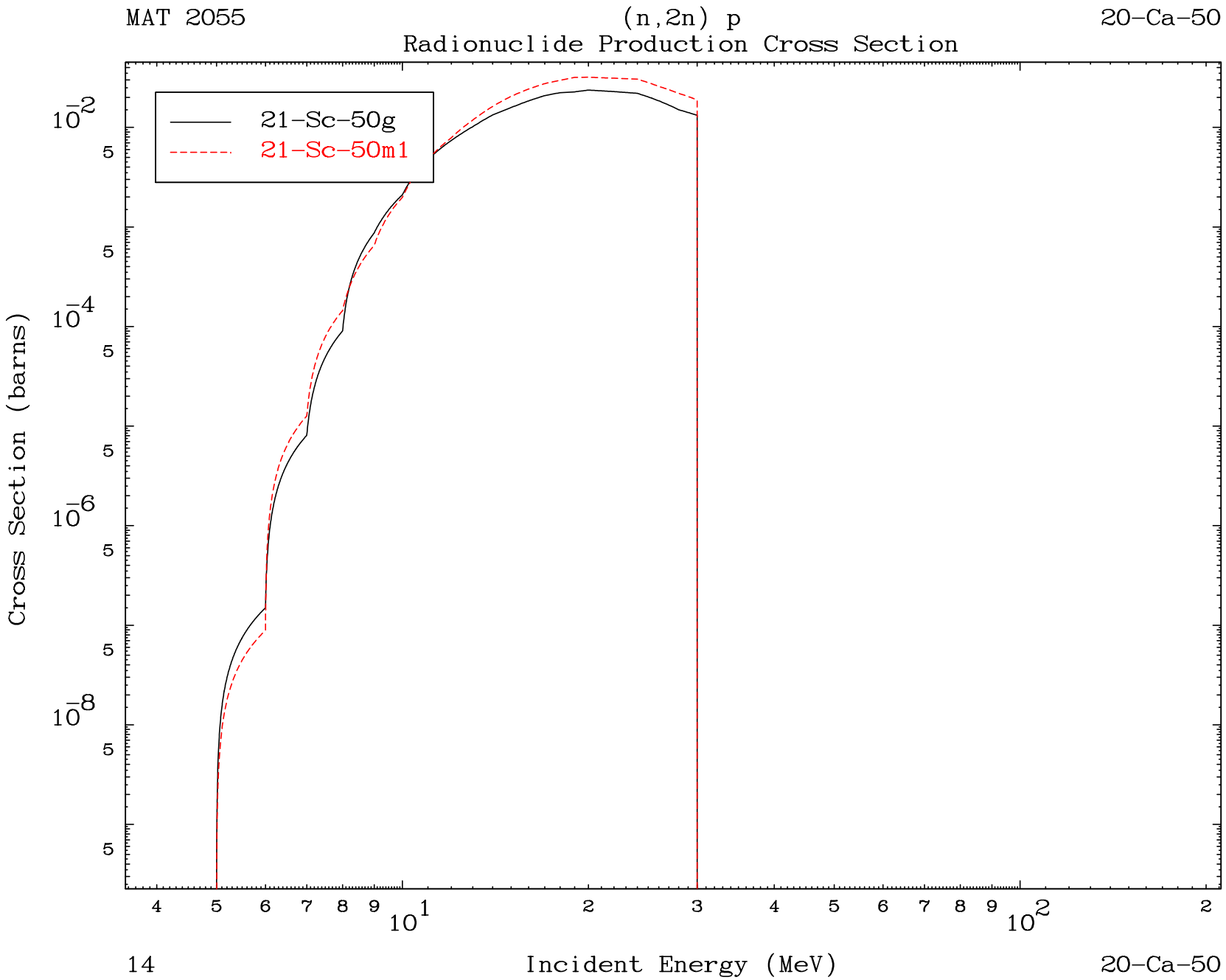

MAT 2055
(He-3,d) Levels
20-Ca-50
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
20-Ca-50

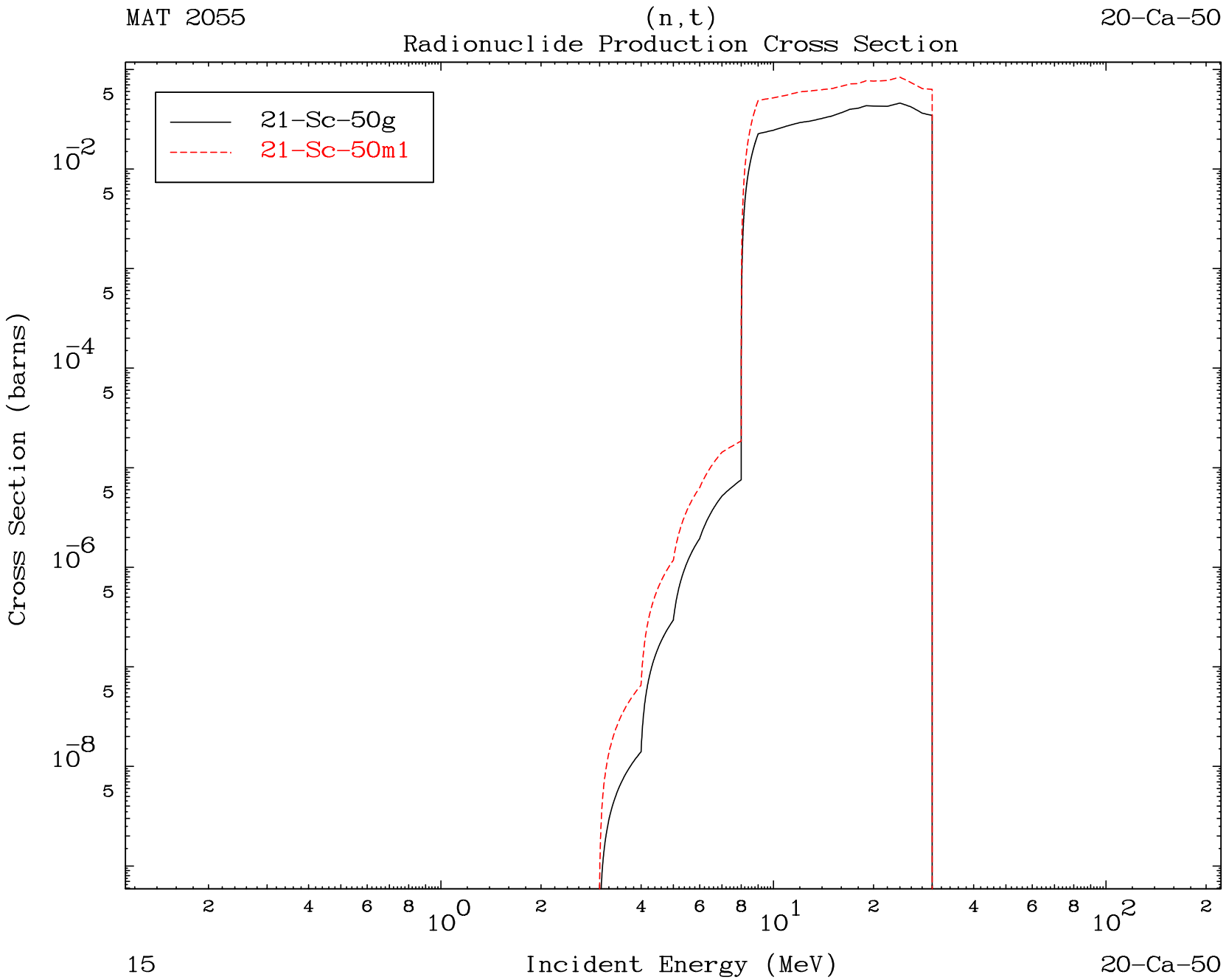

MAT 2055
(He-3,t) Levels
20-Ca-50
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
10
20-Ca-50


MAT 2055
(He-3,He3) Levels
20-Ca-50
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
10 1
10 2
11
Incident Energy (MeV)
20-Ca-50


MAT 2055
(He-3,α) Levels
0 Kelvin Cross Sections
20-Ca-50
(n,α)
(n,2α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
12
Incident Energy (MeV)
20-Ca-50


MAT 2055
(n,n') d
20-Ca-50
Radionuclide Production Cross Section
21-Sc-50g
21-Sc-50m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
101
102
13
Incident Energy (MeV)
20-Ca-50


MAT 2055
(n,2n) p
20-Ca-50
Radionuclide Production Cross Section
21-Sc-50g
21-Sc-50m1
Cross Section (barns)
Incident Energy (MeV)
14
20-Ca-50


MAT 2055
(n,t)
20-Ca-50
Radionuclide Production Cross Section
21-Sc-50g
21-Sc-50m1
Cross Section (barns)
Incident Energy (MeV)
15
20-Ca-50