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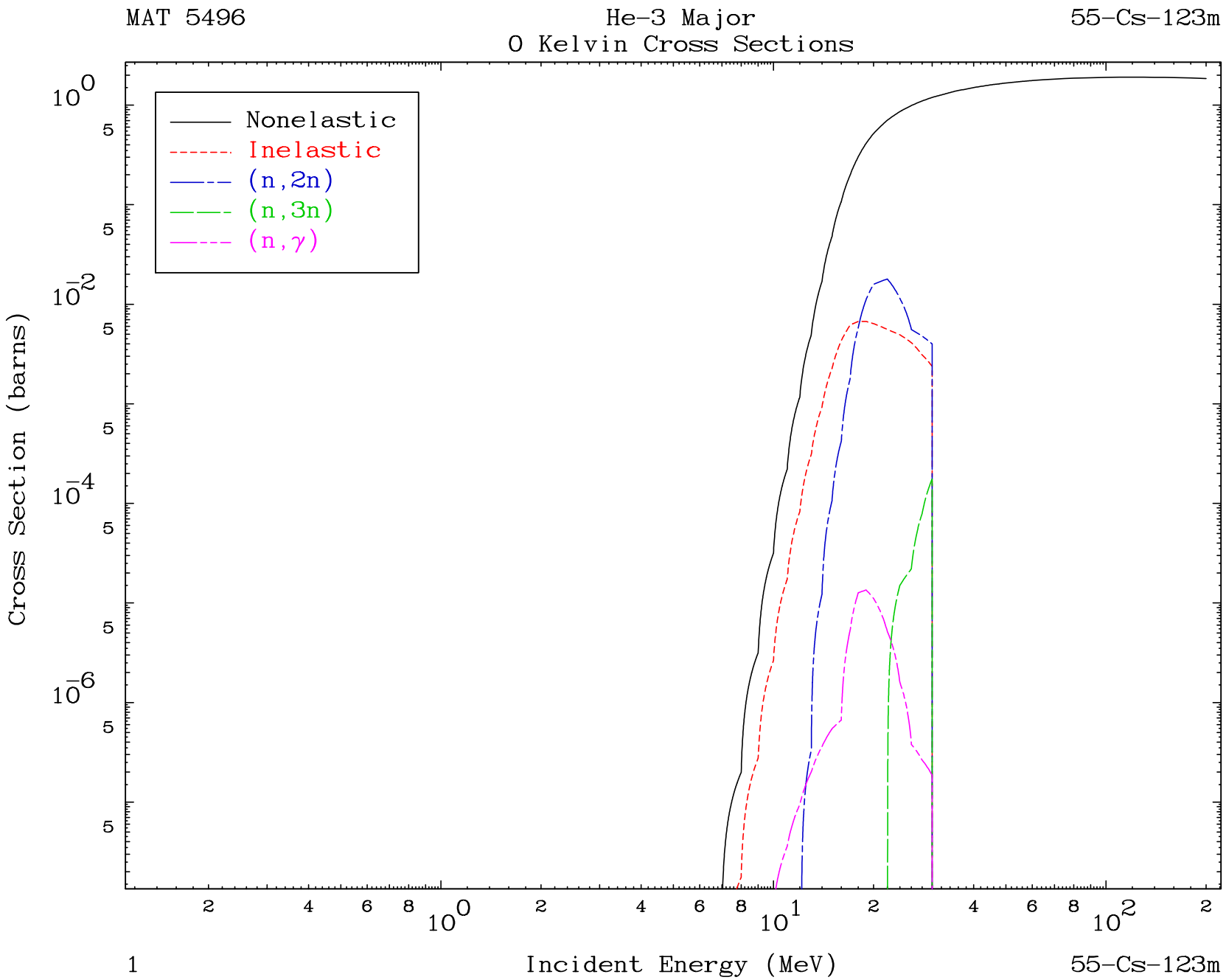
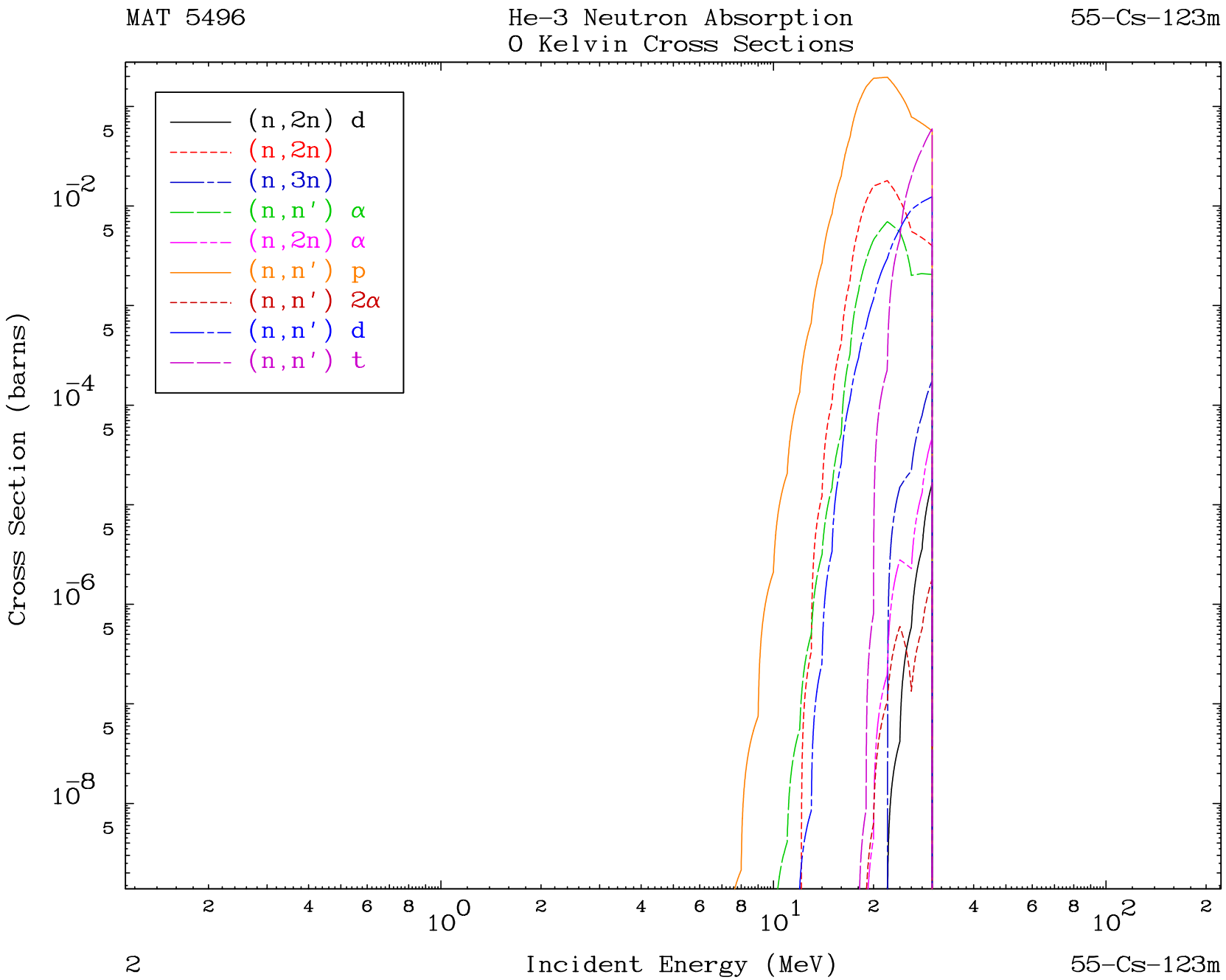
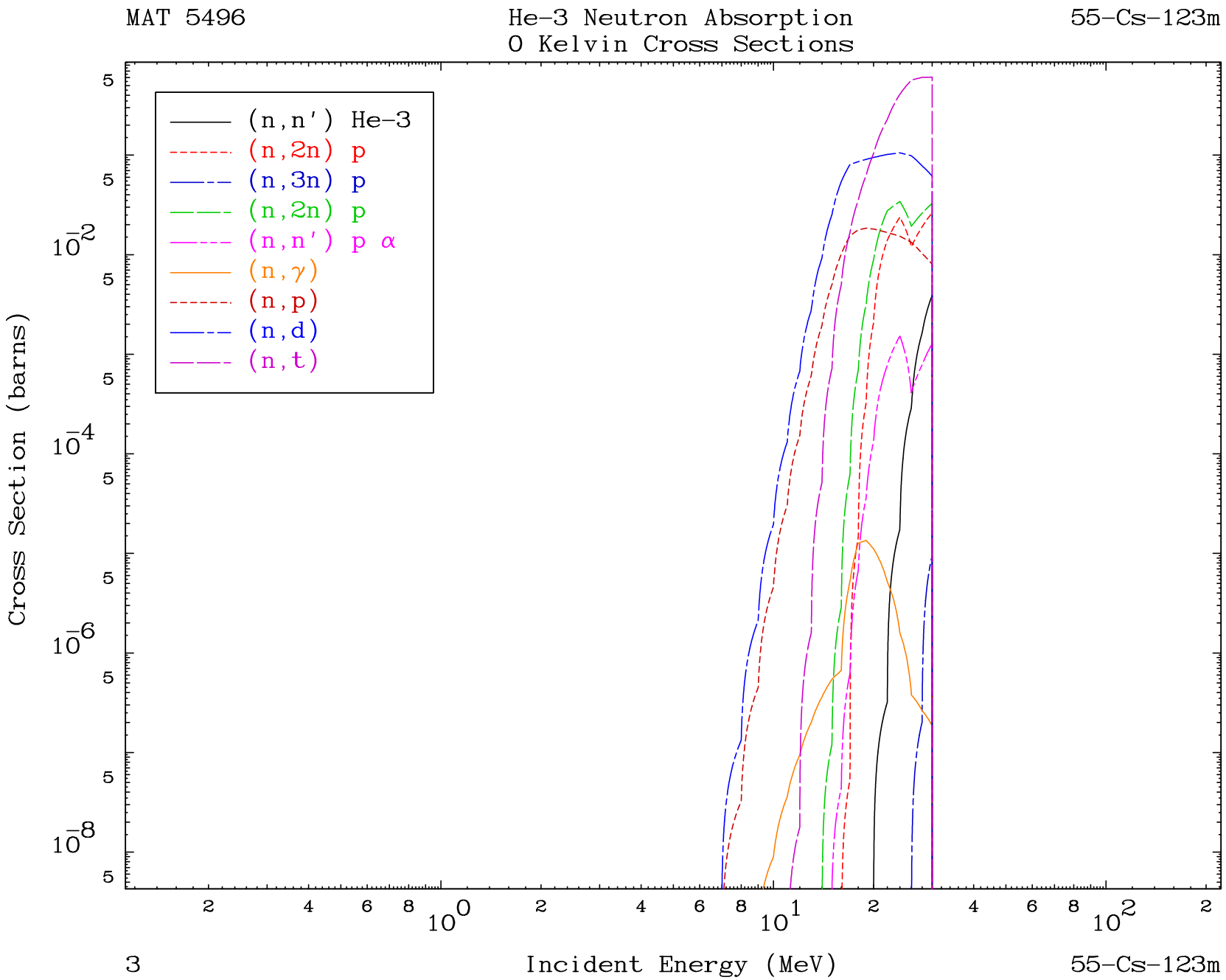
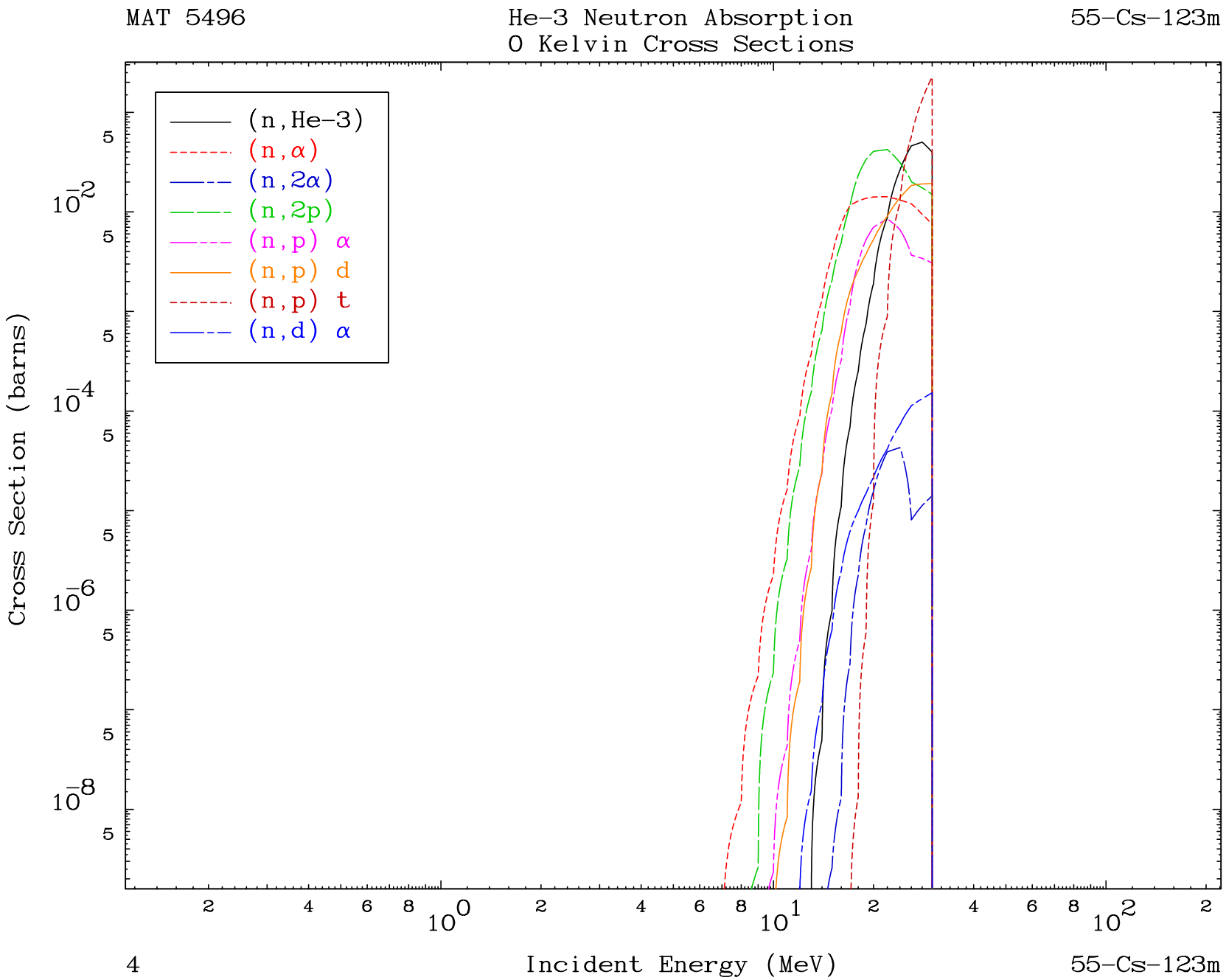
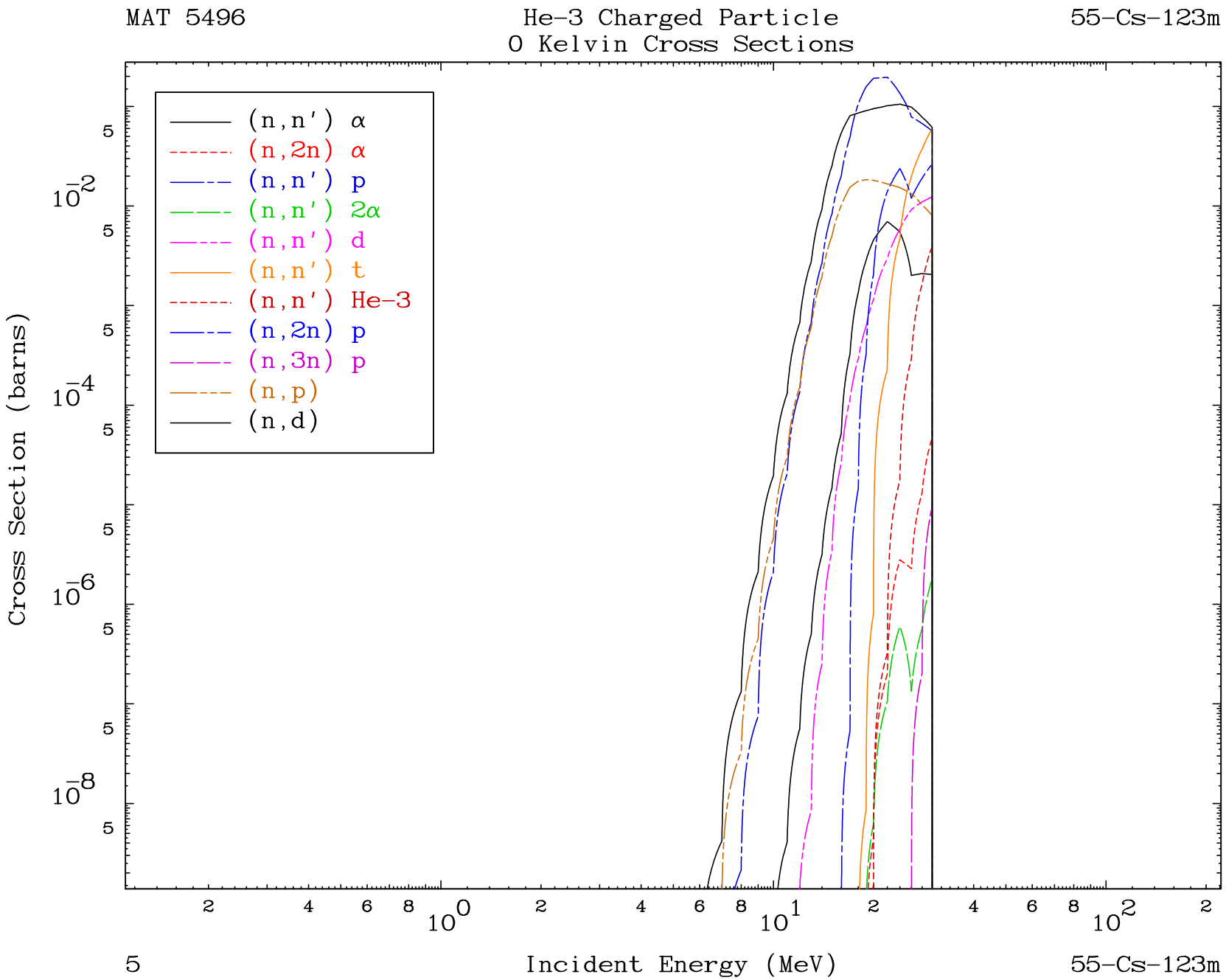
Press Mouse Button to Start

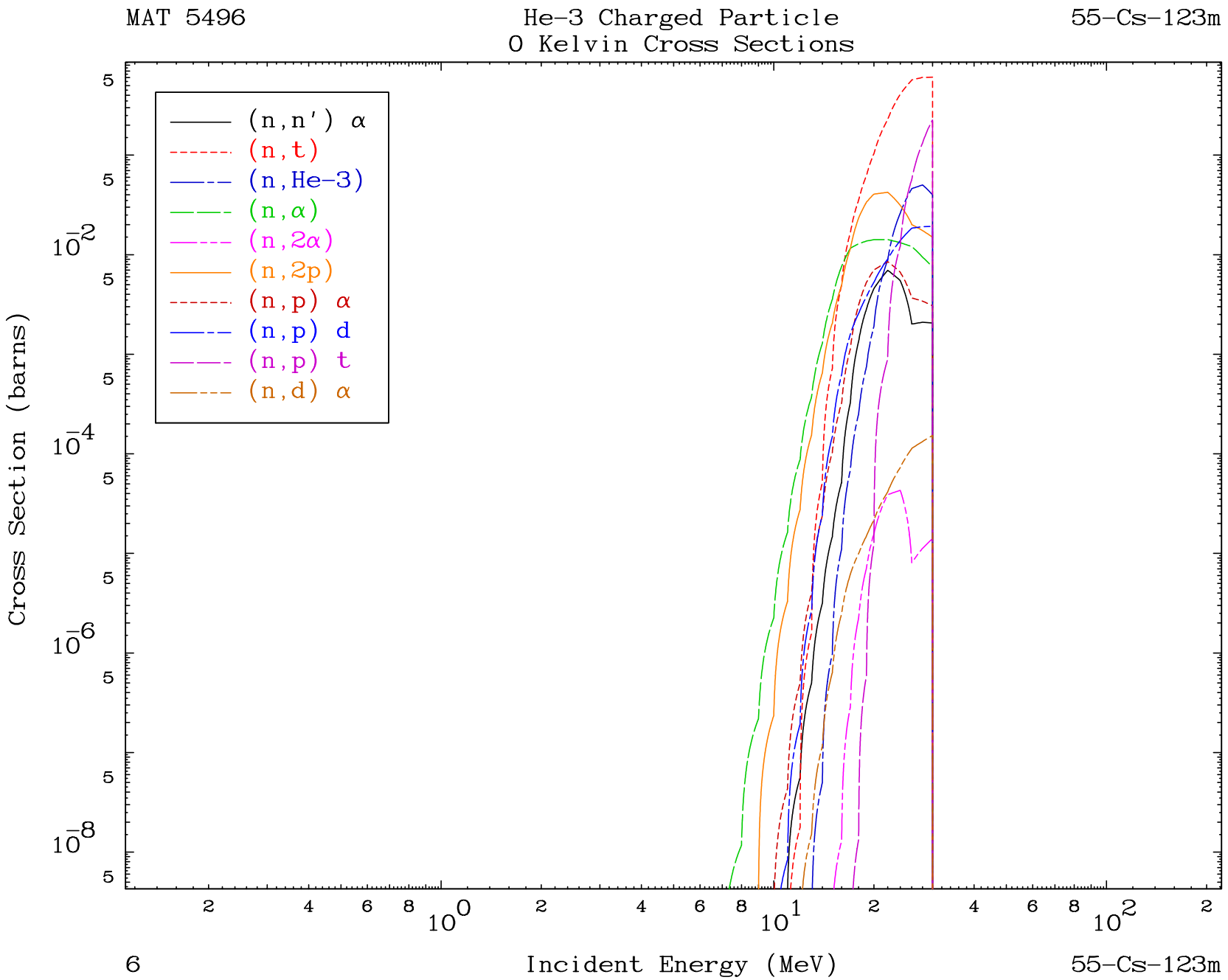

MAT 5496
He-3 Major
55-Cs-123m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
55-Cs-123m
1

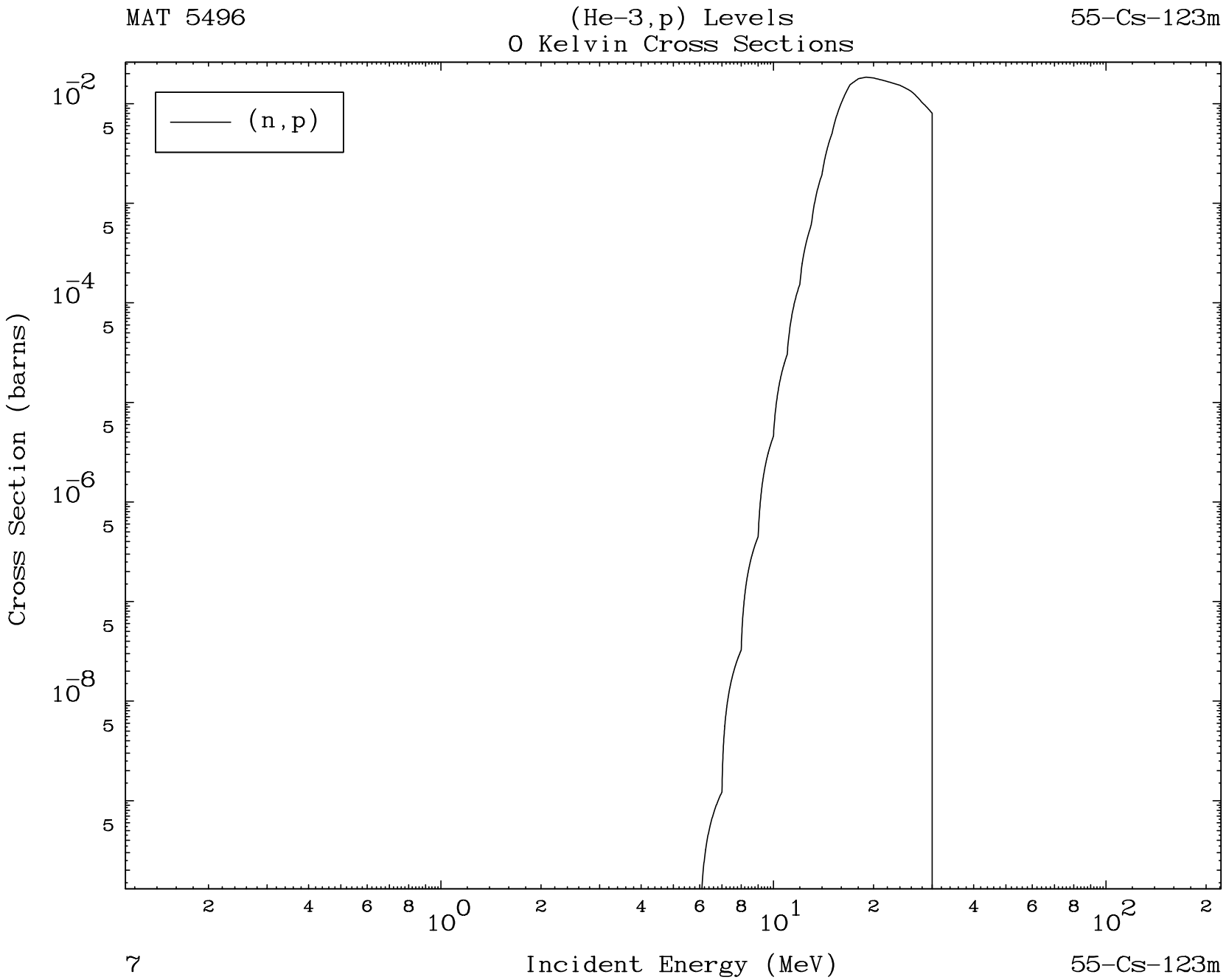

MAT 5496
He-3 Neutron Absorption
0 Kelvin Cross Sections
55-Cs-123m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
55-Cs-123m
2

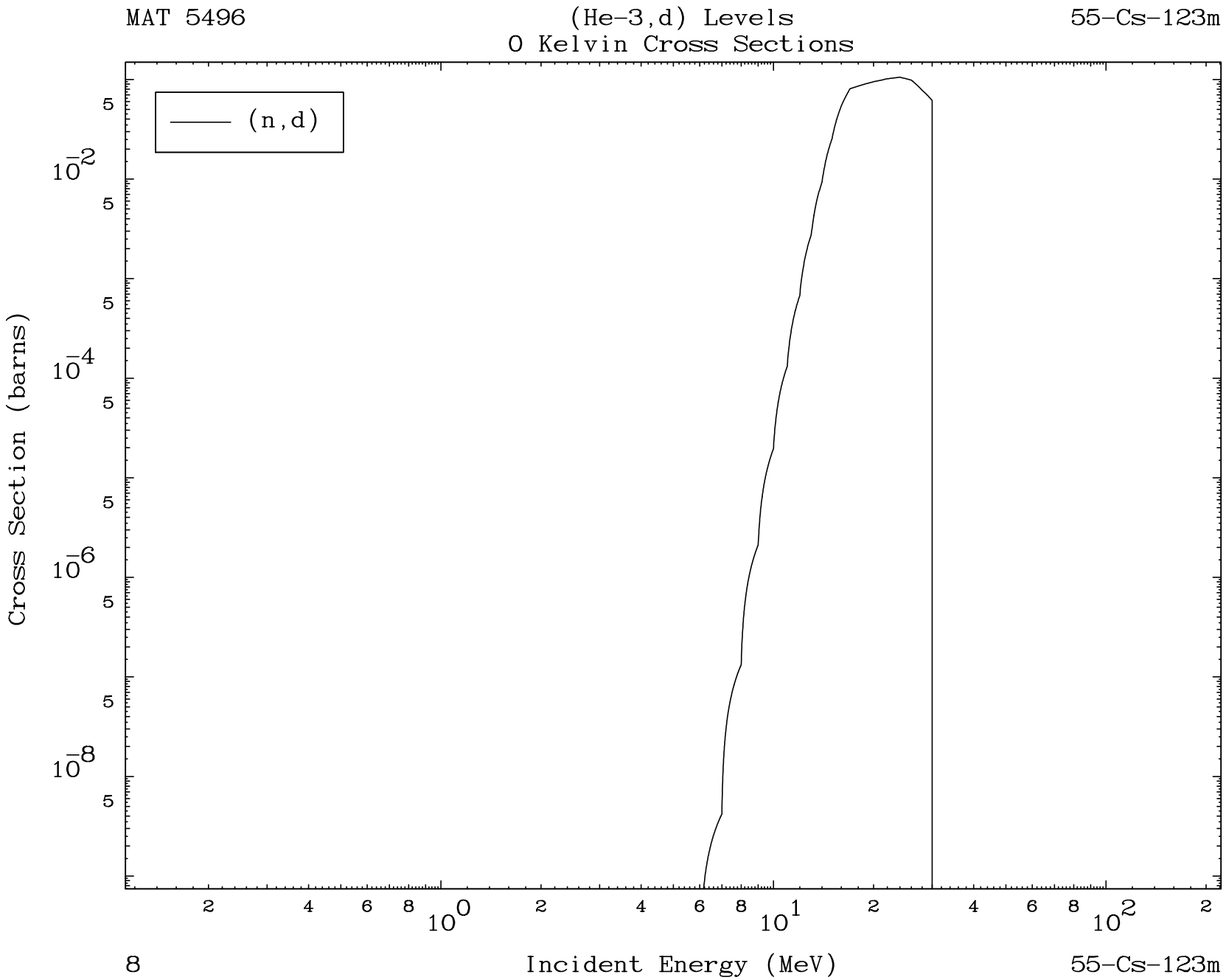

MAT 5496
He-3 Neutron Absorption
0 Kelvin Cross Sections
55-Cs-123m
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
55-Cs-123m

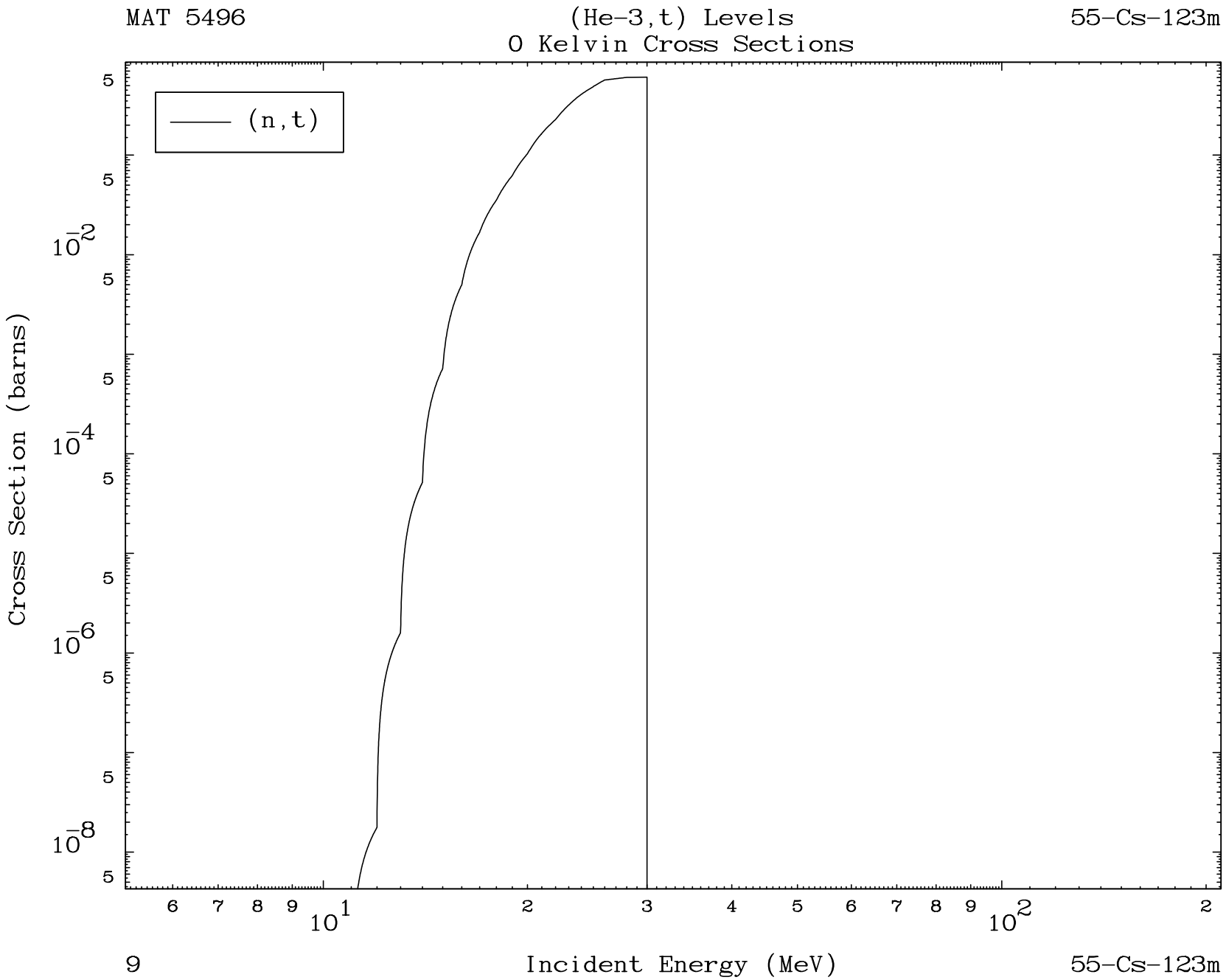

MAT 5496
He-3 Neutron Absorption
0 Kelvin Cross Sections
55-Cs-123m
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
55-Cs-123m

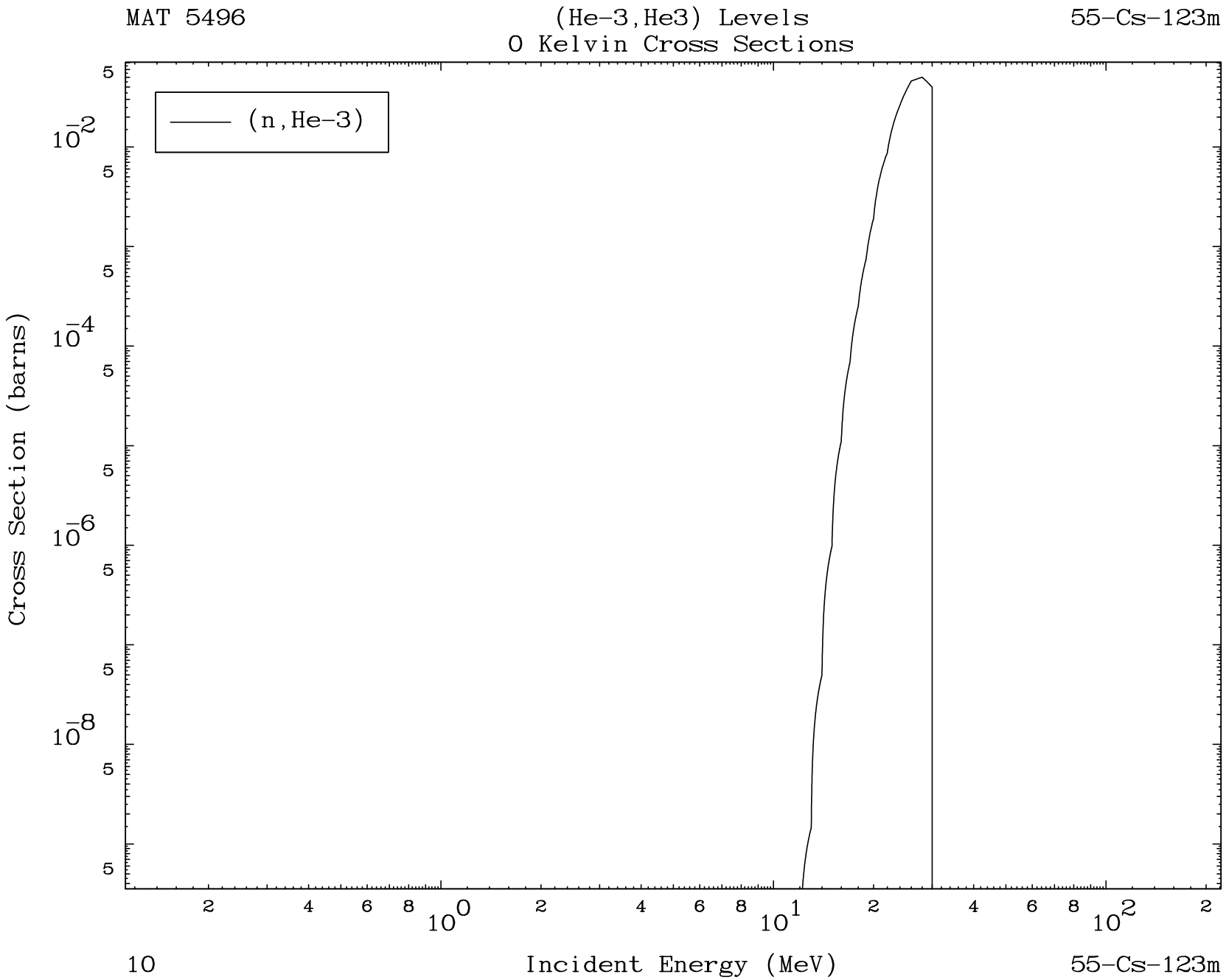

MAT 5496
He-3 Charged Particle
0 Kelvin Cross Sections
55-Cs-123m
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
55-Cs-123m

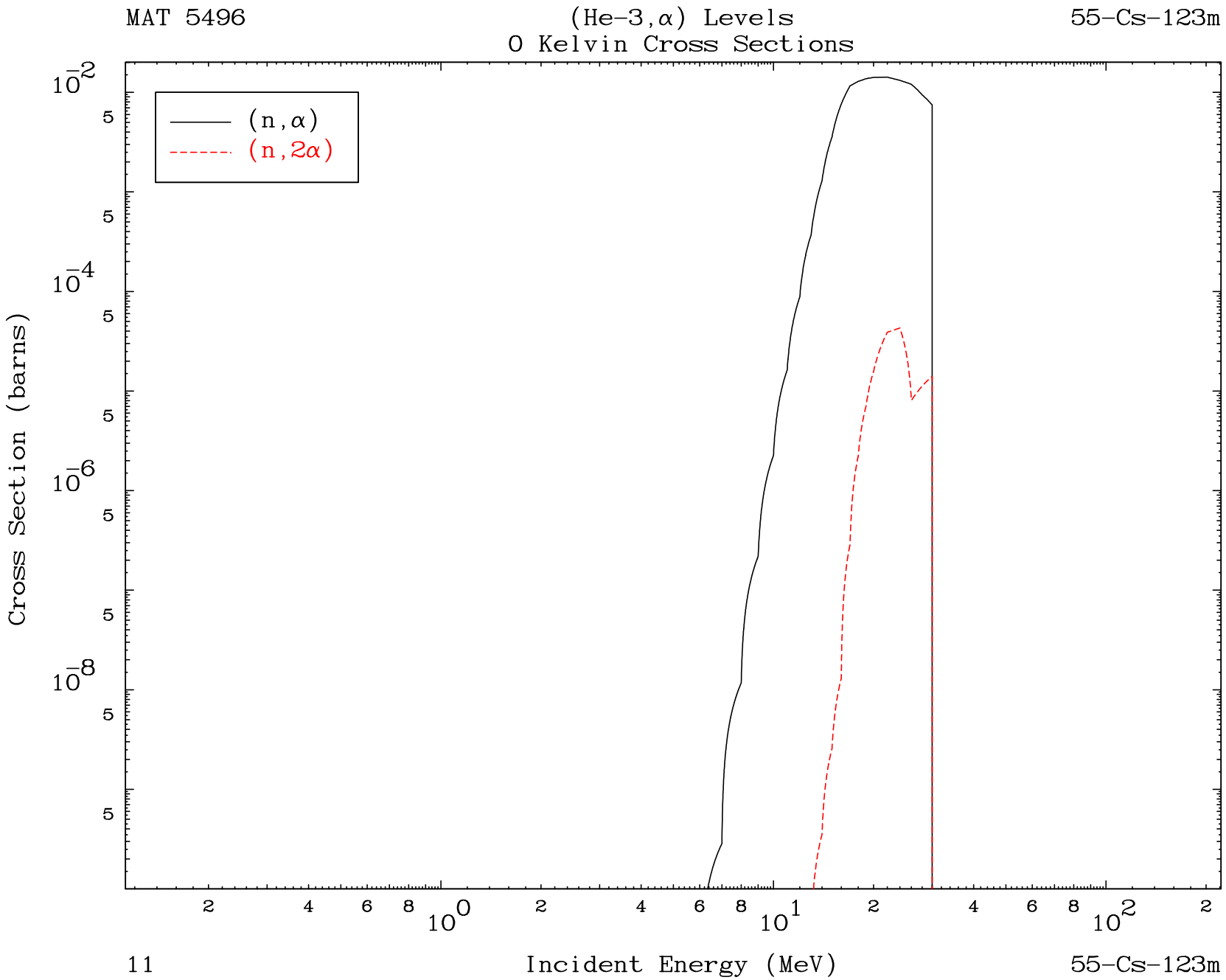

MAT 5496
He-3 Charged Particle
0 Kelvin Cross Sections
55-Cs-123m
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
55-Cs-123m
6

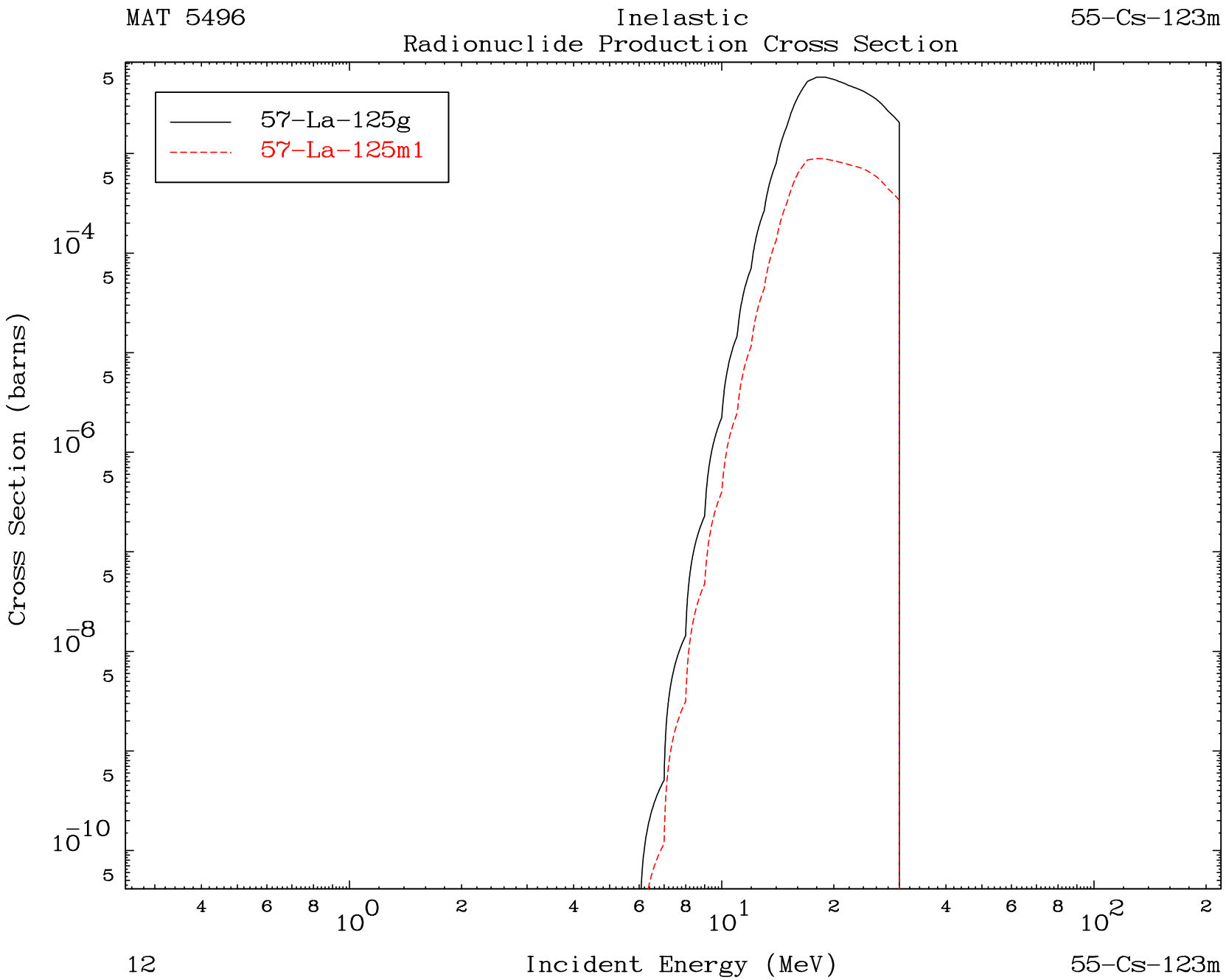

MAT 5496
(He-3,p) Levels
55-Cs-123m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
55-Cs-123m

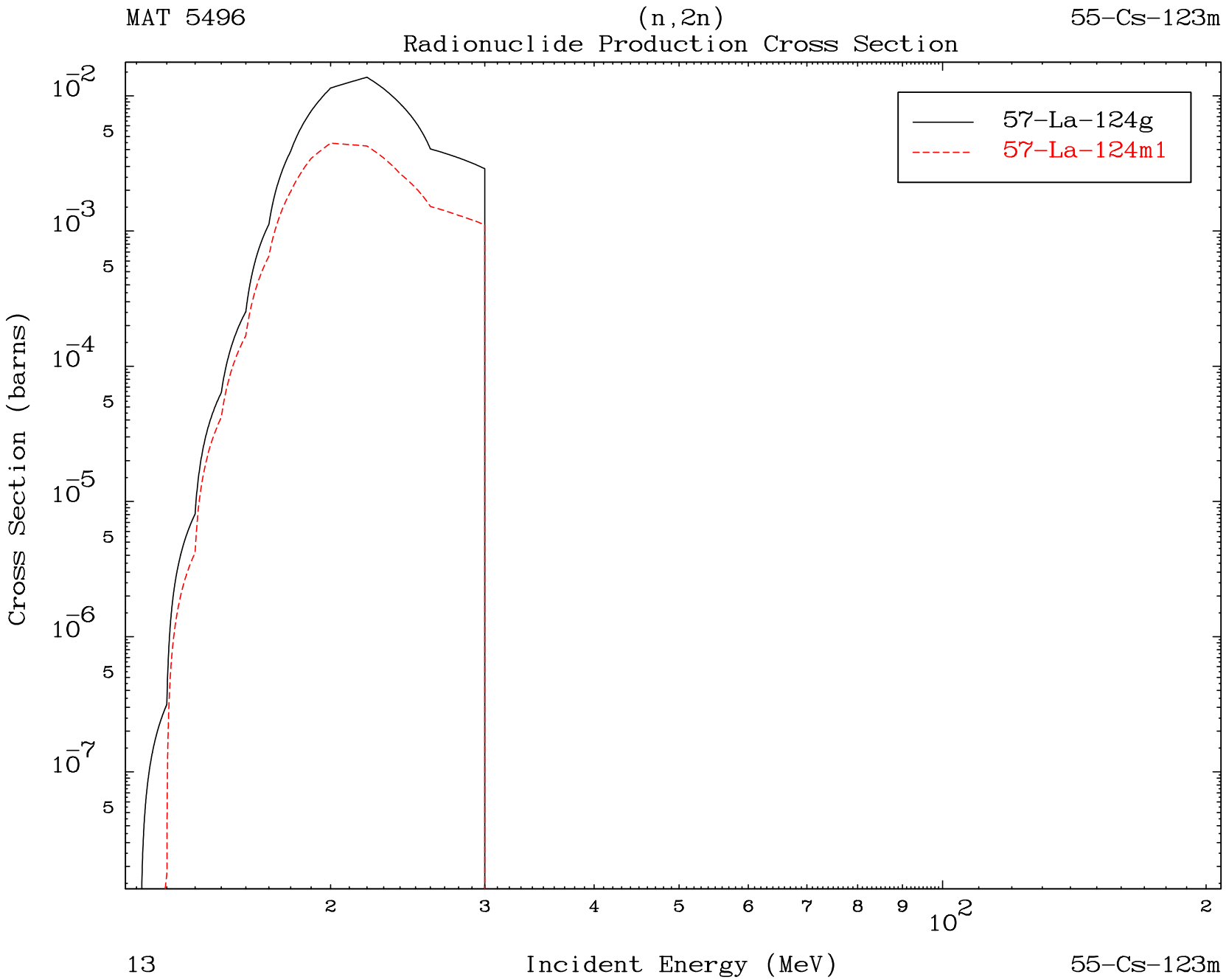

MAT 5496
(He-3,d) Levels
55-Cs-123m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
8
55-Cs-123m

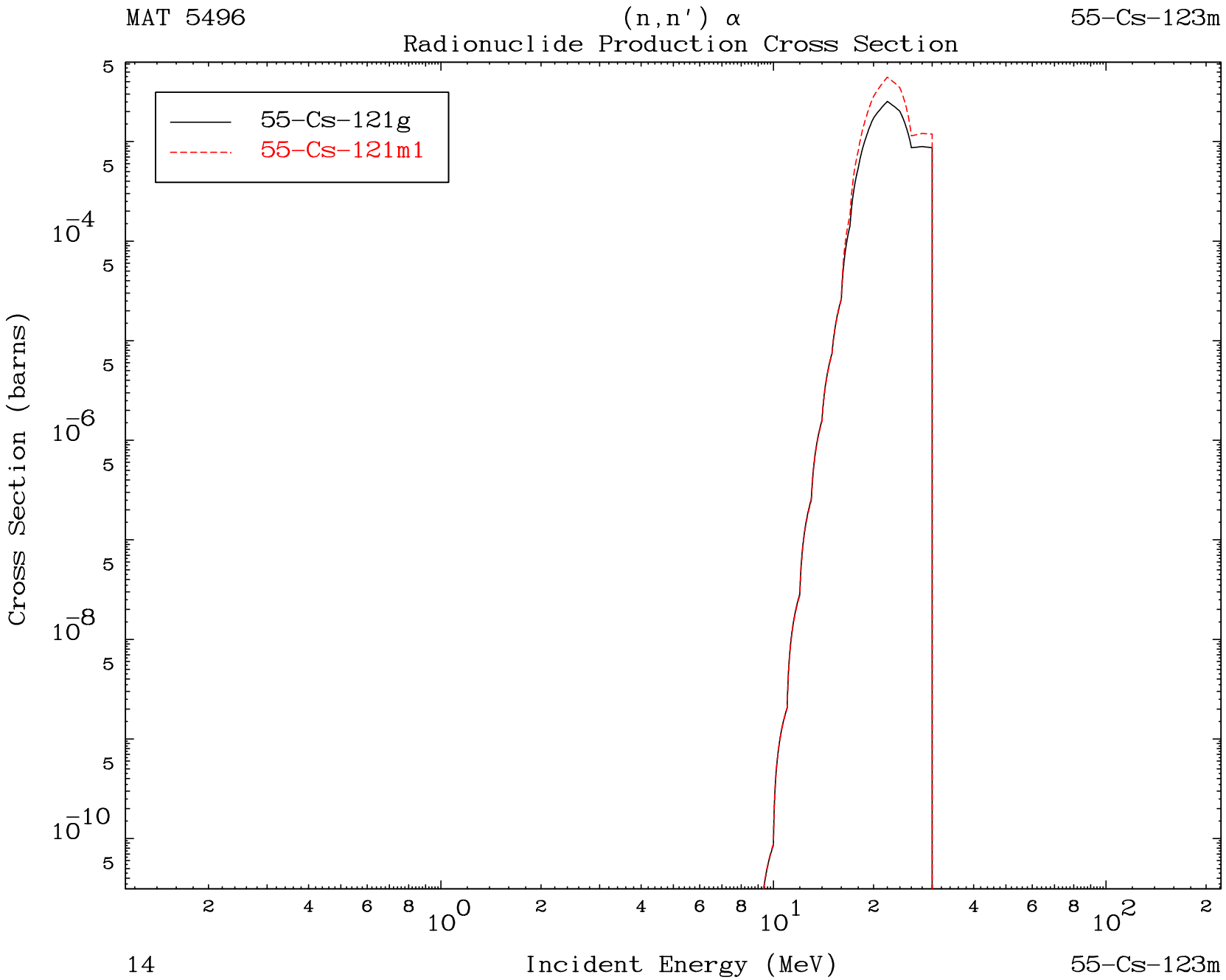

MAT 5496
(He-3,t) Levels
55-Cs-123m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
55-Cs-123m
9

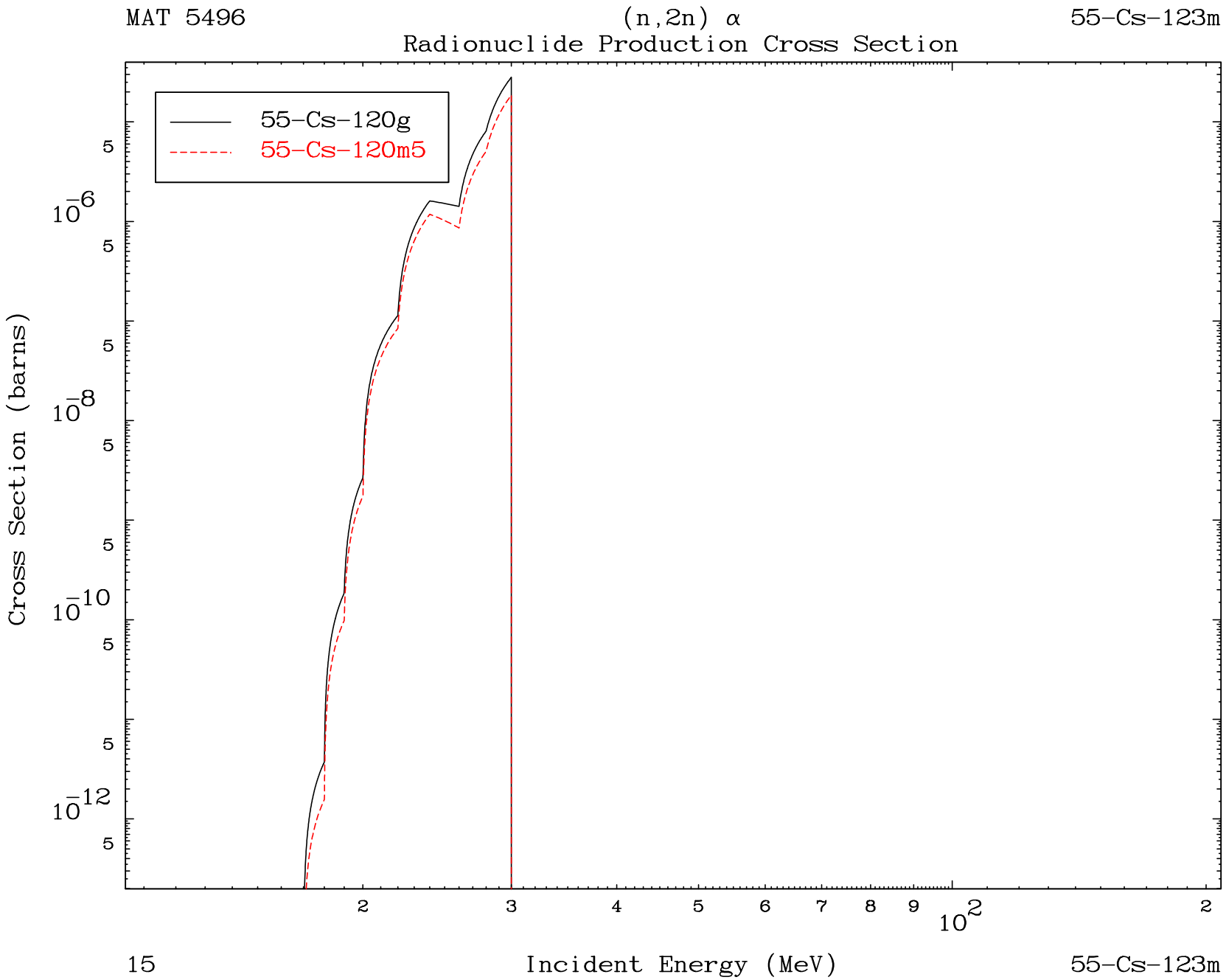

MAT 5496
(He-3,He3) Levels
55-Cs-123m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
55-Cs-123m

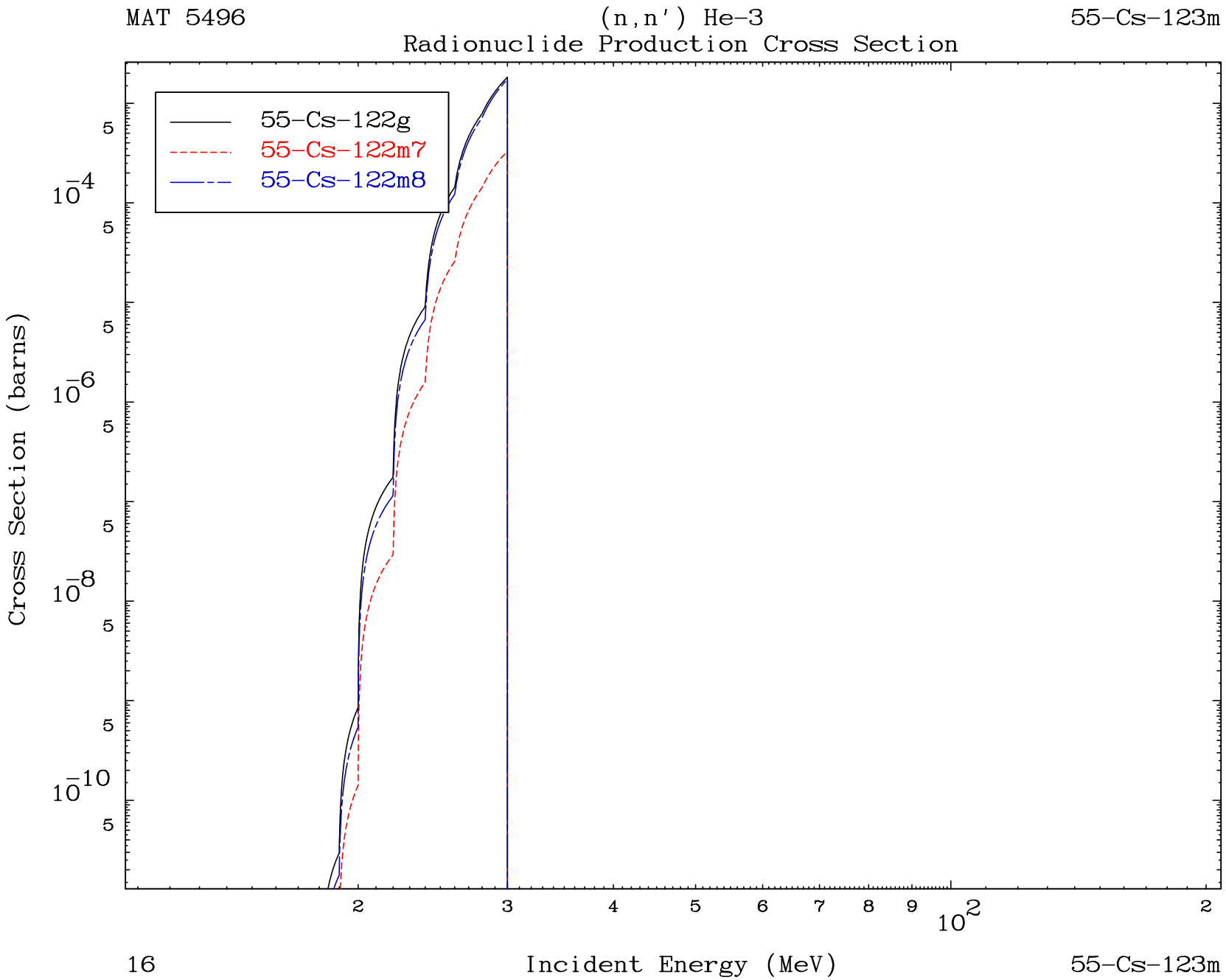

MAT 5496
(He-3,α) Levels
0 Kelvin Cross Sections
55-Cs-123m
(n,α)
(n,2α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
11
Incident Energy (MeV)
55-Cs-123m

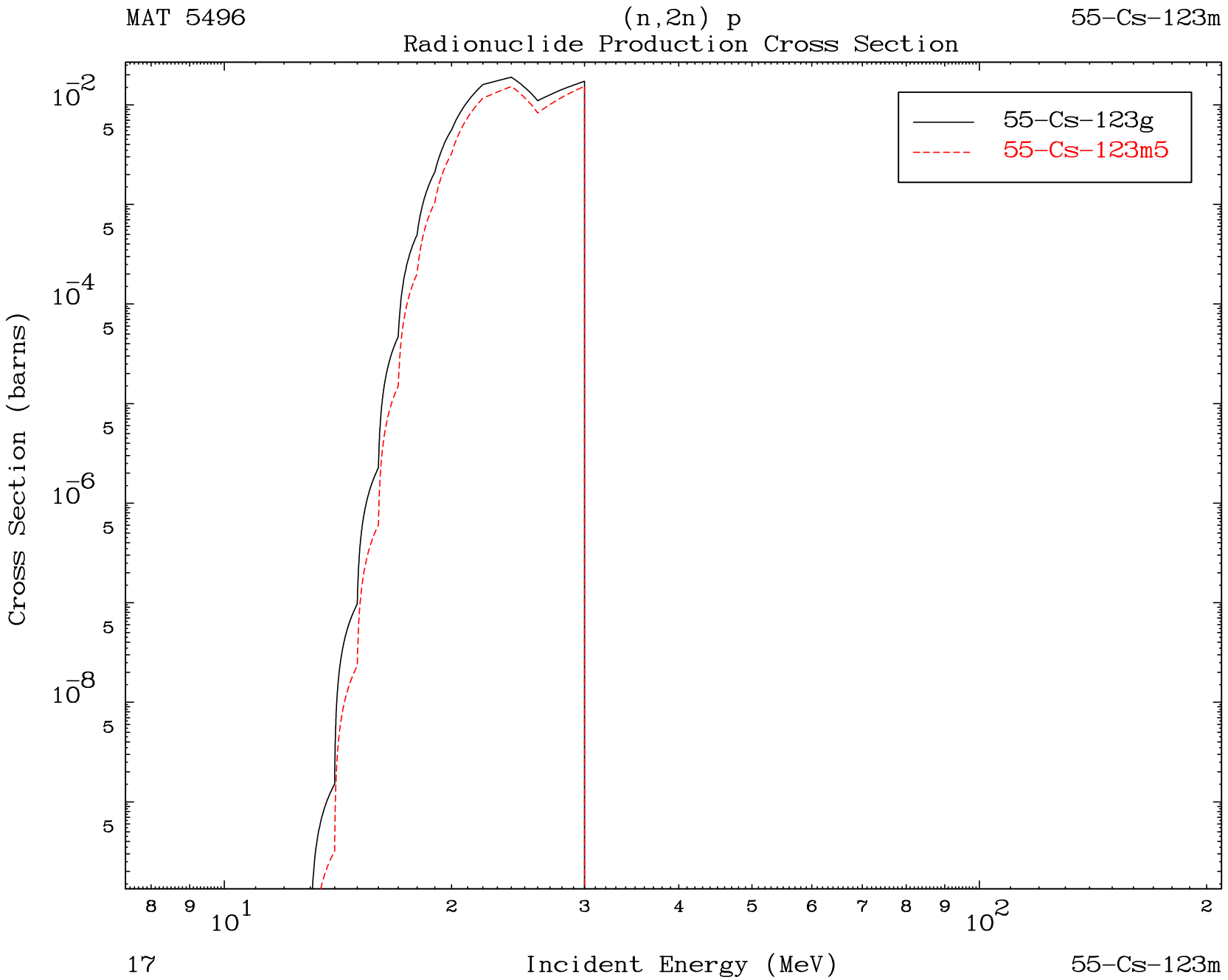

MAT 5496
Inelastic
55-Cs-123m
Radionuclide Production Cross Section
57-La-125g
57-La-125m1
Cross Section (barns)
Incident Energy (MeV)
12
55-Cs-123m

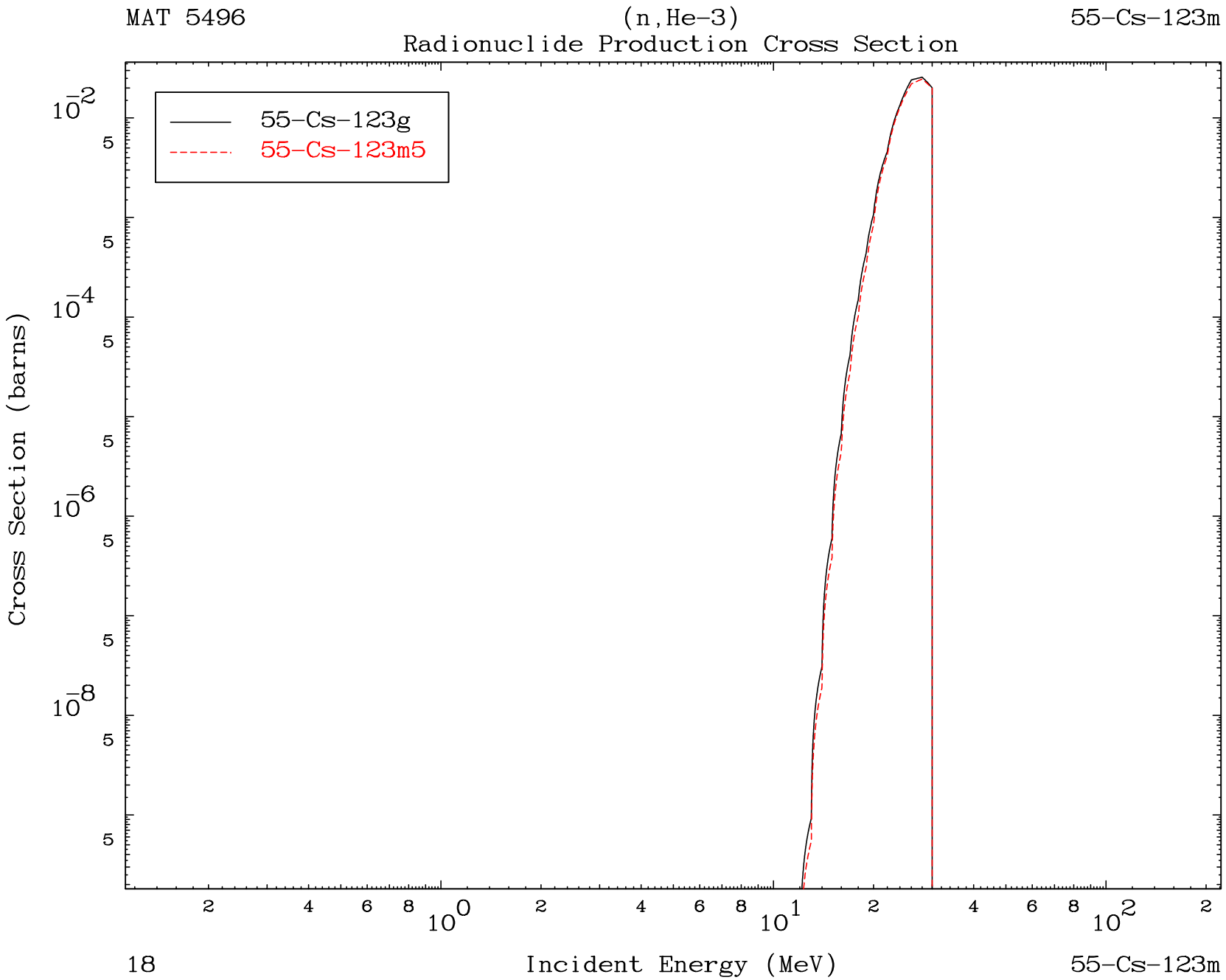

MAT 5496
(n,2n)
55-Cs-123m
Radionuclide Production Cross Section
57-La-124g
57-La-124m1
Cross Section (barns)
Incident Energy (MeV)
13
55-Cs-123m

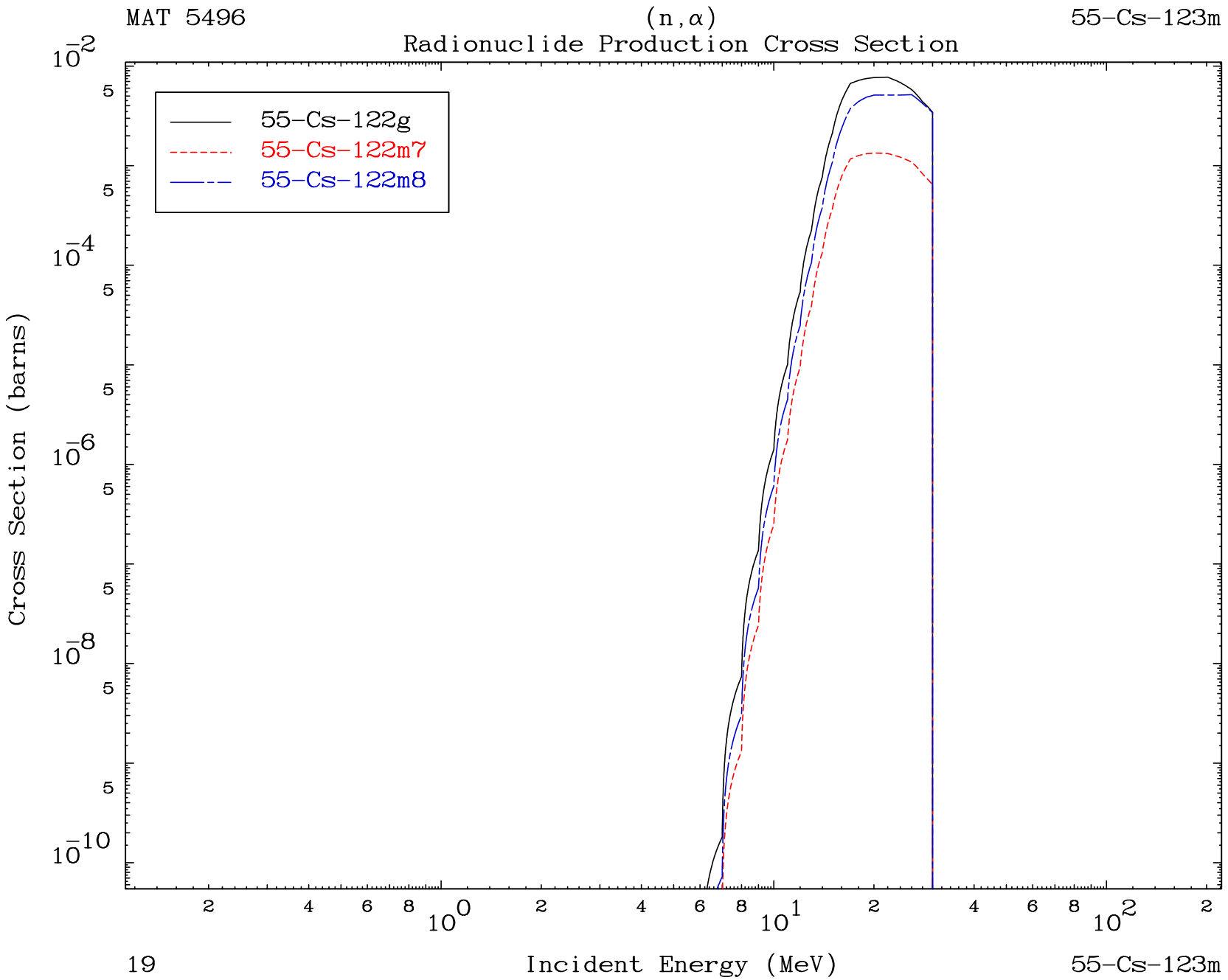

MAT 5496
(n,n') α
55-Cs-123m
Radionuclide Production Cross Section
55-Cs-121g
55-Cs-121m1
Cross Section (barns)
Incident Energy (MeV)
14
55-Cs-123m

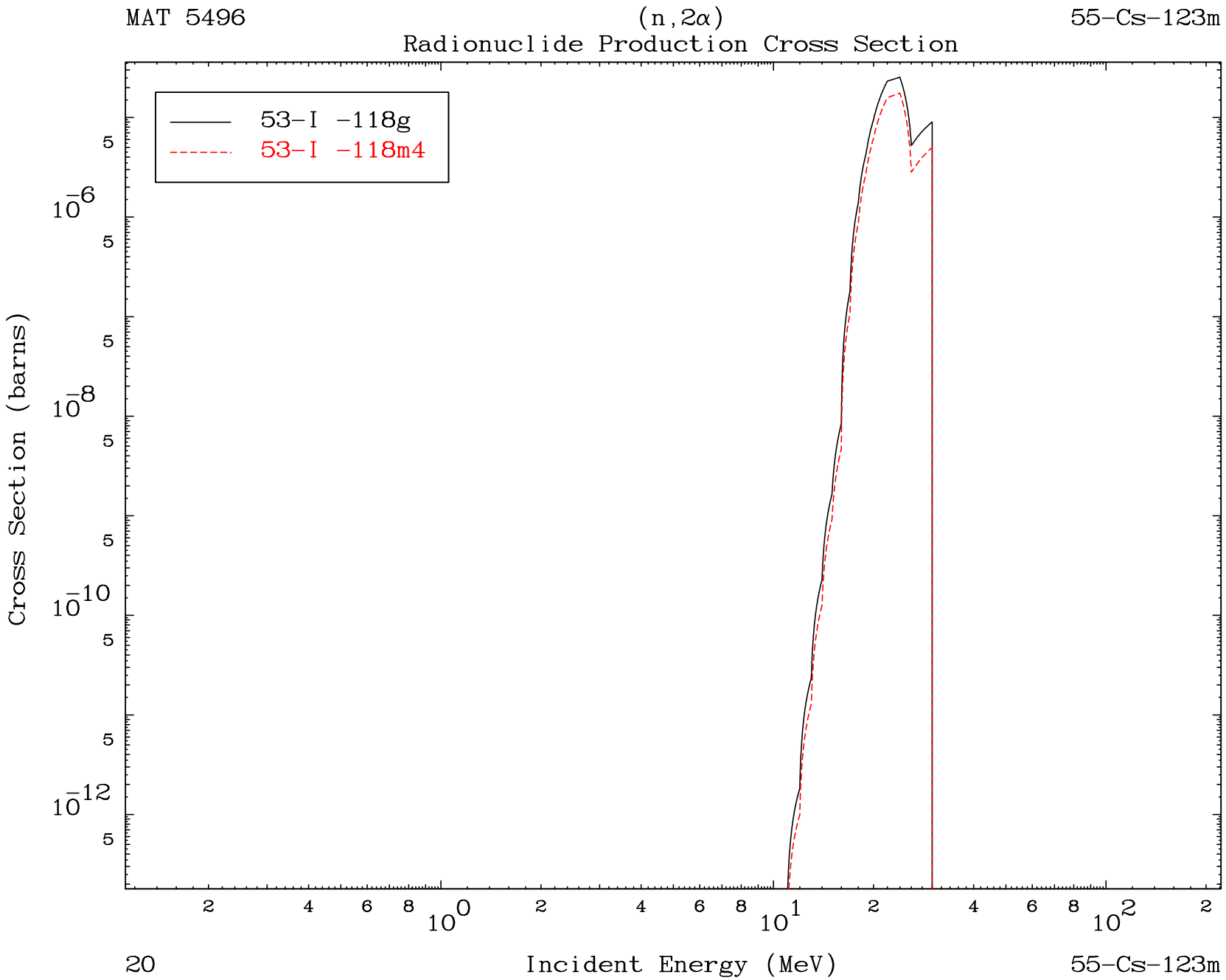

MAT 5496
(n,2n) α
55-Cs-123m
Radionuclide Production Cross Section
55-Cs-120g
55-Cs-120m5
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
55-Cs-123m

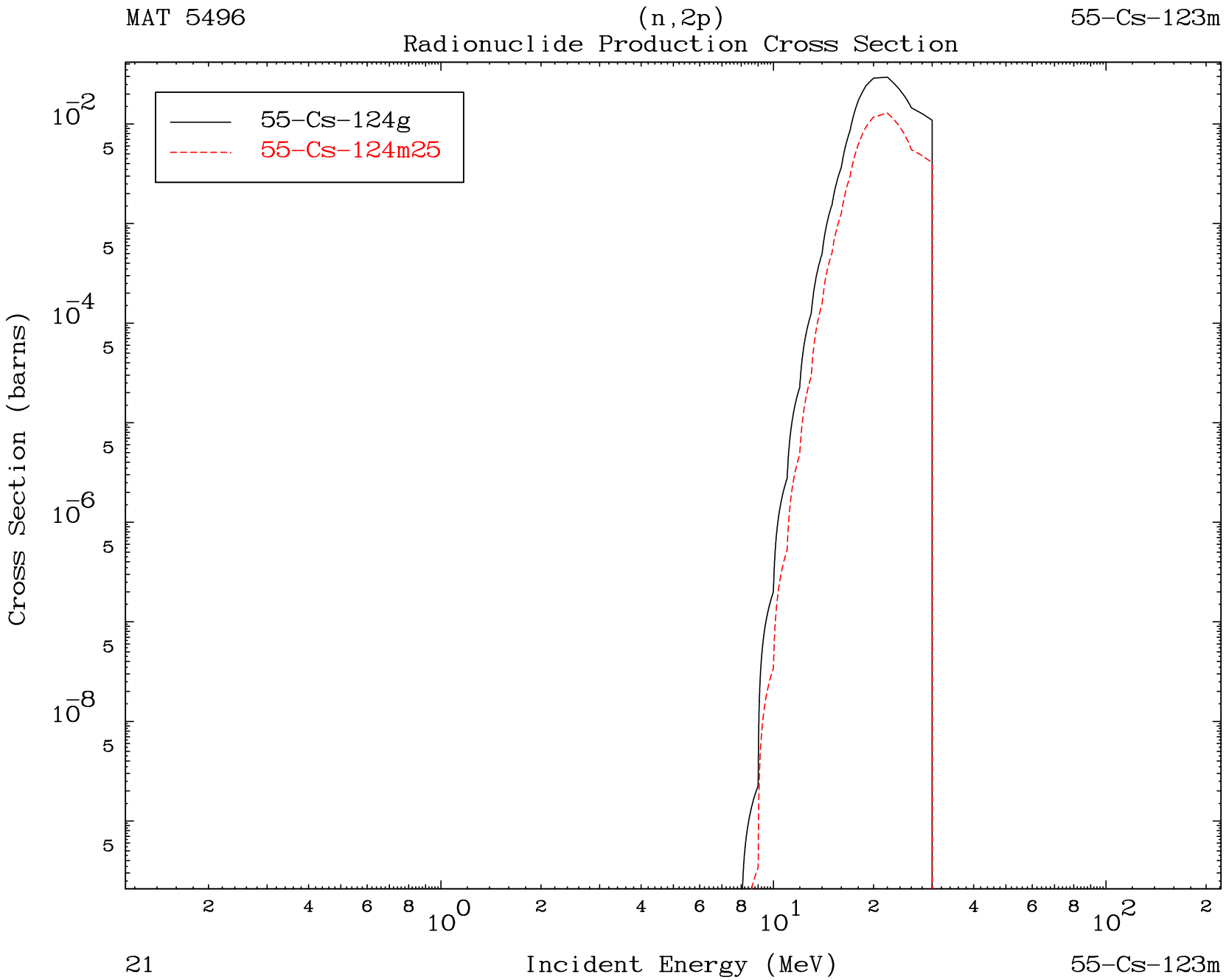

MAT 5496
(n,n') He-3
55-Cs-123m
Radionuclide Production Cross Section
55-Cs-122g
55-Cs-122m7
55-Cs-122m8
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
16
Incident Energy (MeV)
55-Cs-123m

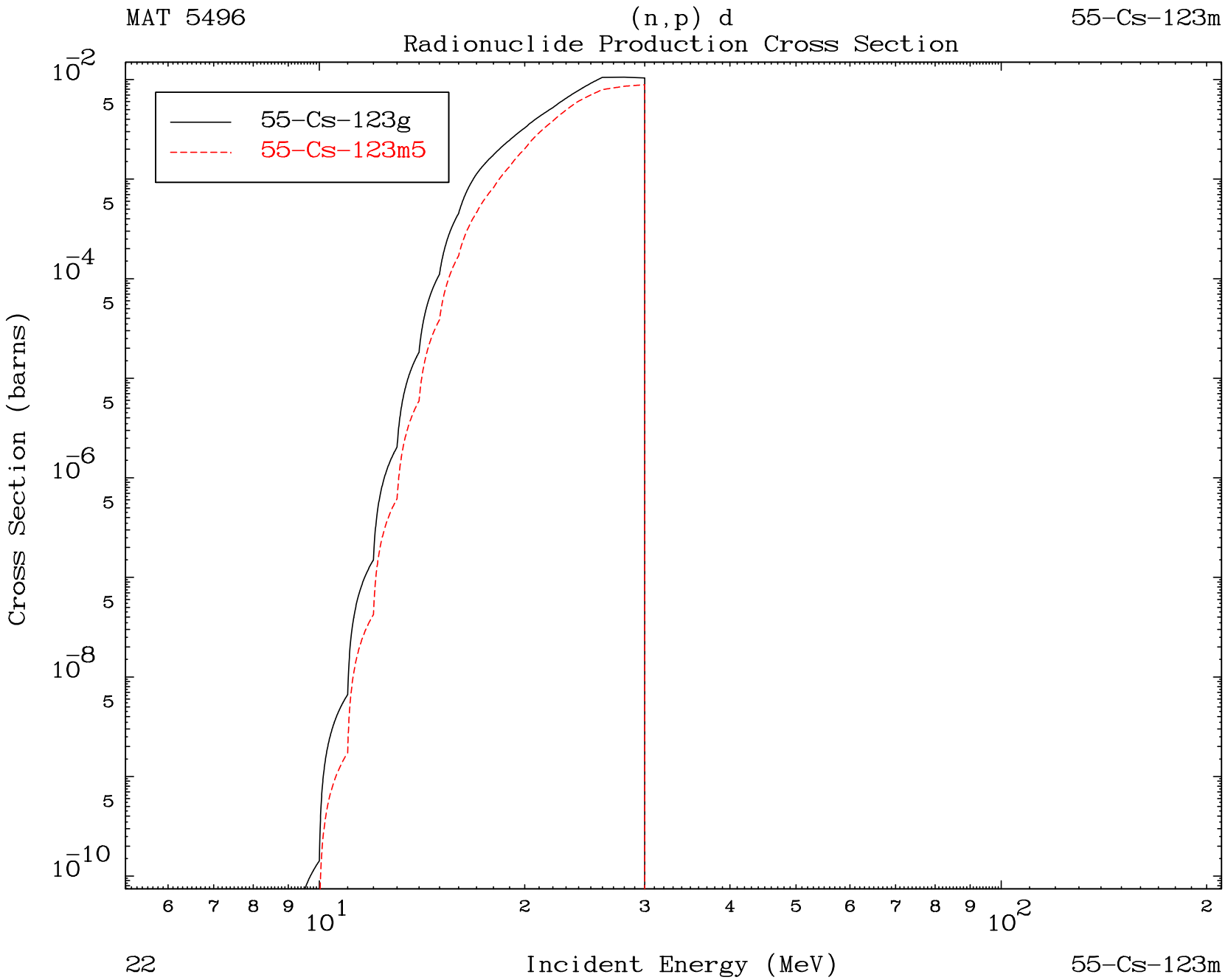

MAT 5496
(n,2n) p
55-Cs-123m
Radionuclide Production Cross Section
55-Cs-123g
55-Cs-123m5
Cross Section (barns)
Incident Energy (MeV)
17
55-Cs-123m

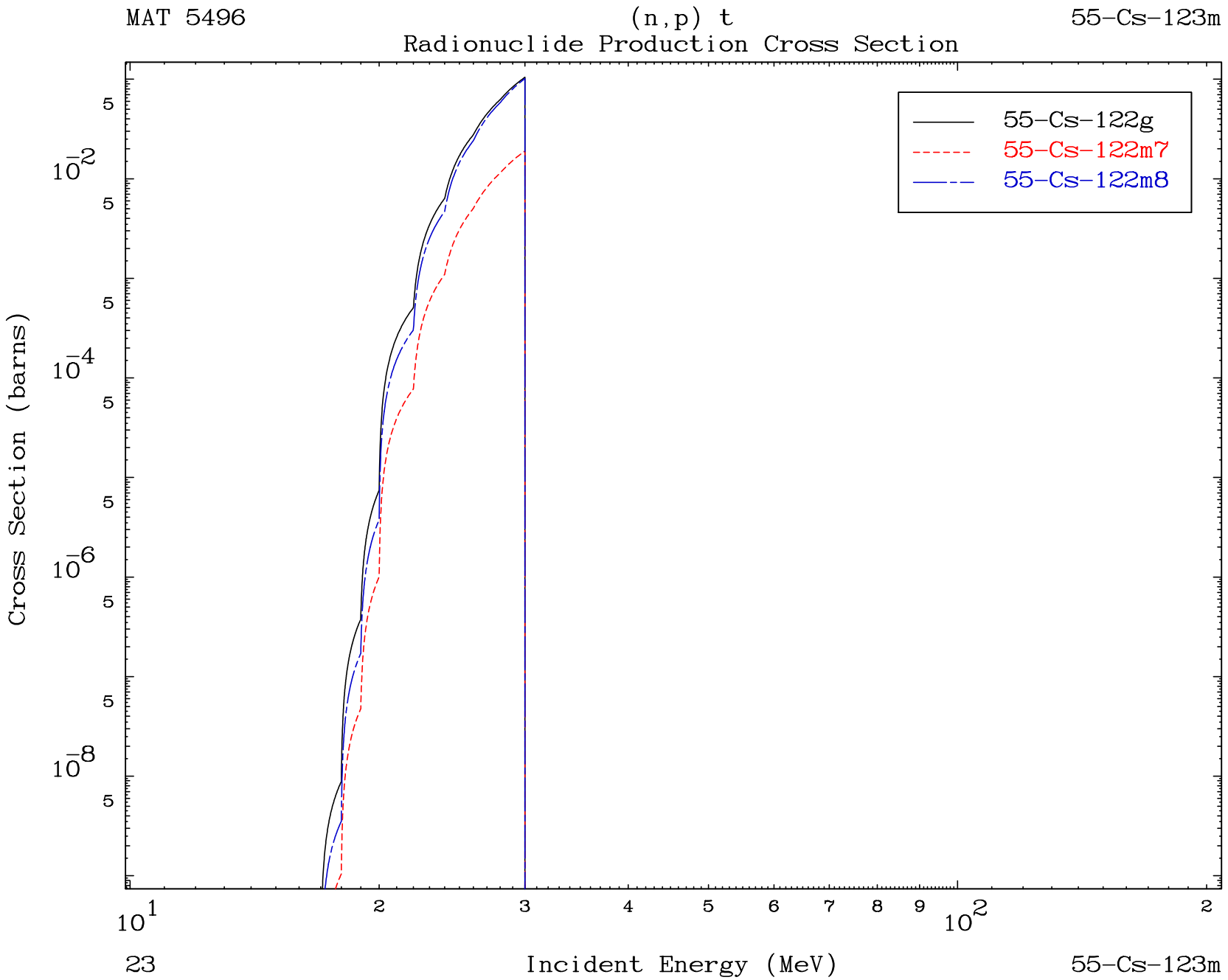

MAT 5496
(n,He-3)
55-Cs-123m
Radionuclide Production Cross Section
55-Cs-123g
55-Cs-123m5
Cross Section (barns)
Incident Energy (MeV)
18
55-Cs-123m


MAT 5496
(n,α)
55-Cs-123m
Radionuclide Production Cross Section
55-Cs-122g
55-Cs-122m7
55-Cs-122m8
Cross Section (barns)
Incident Energy (MeV)
19
55-Cs-123m


MAT 5496
(n,2α)
55-Cs-123m
Radionuclide Production Cross Section
53-I -118g
53-I -118m4
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
4
6
8
100
101
102
20
Incident Energy (MeV)
55-Cs-123m


MAT 5496
(n,2p)
55-Cs-123m
Radionuclide Production Cross Section
55-Cs-124g
55-Cs-124m25
Cross Section (barns)
Incident Energy (MeV)
21
55-Cs-123m


MAT 5496
(n,p) d
55-Cs-123m
Radionuclide Production Cross Section
55-Cs-123g
55-Cs-123m5
Cross Section (barns)
Incident Energy (MeV)
22
55-Cs-123m


MAT 5496
(n,p) t
55-Cs-123m
Radionuclide Production Cross Section
55-Cs-122g
55-Cs-122m7
55-Cs-122m8
Cross Section (barns)
Incident Energy (MeV)
23
55-Cs-123m