Program EVALPLOT
(Version 2018-1)
by
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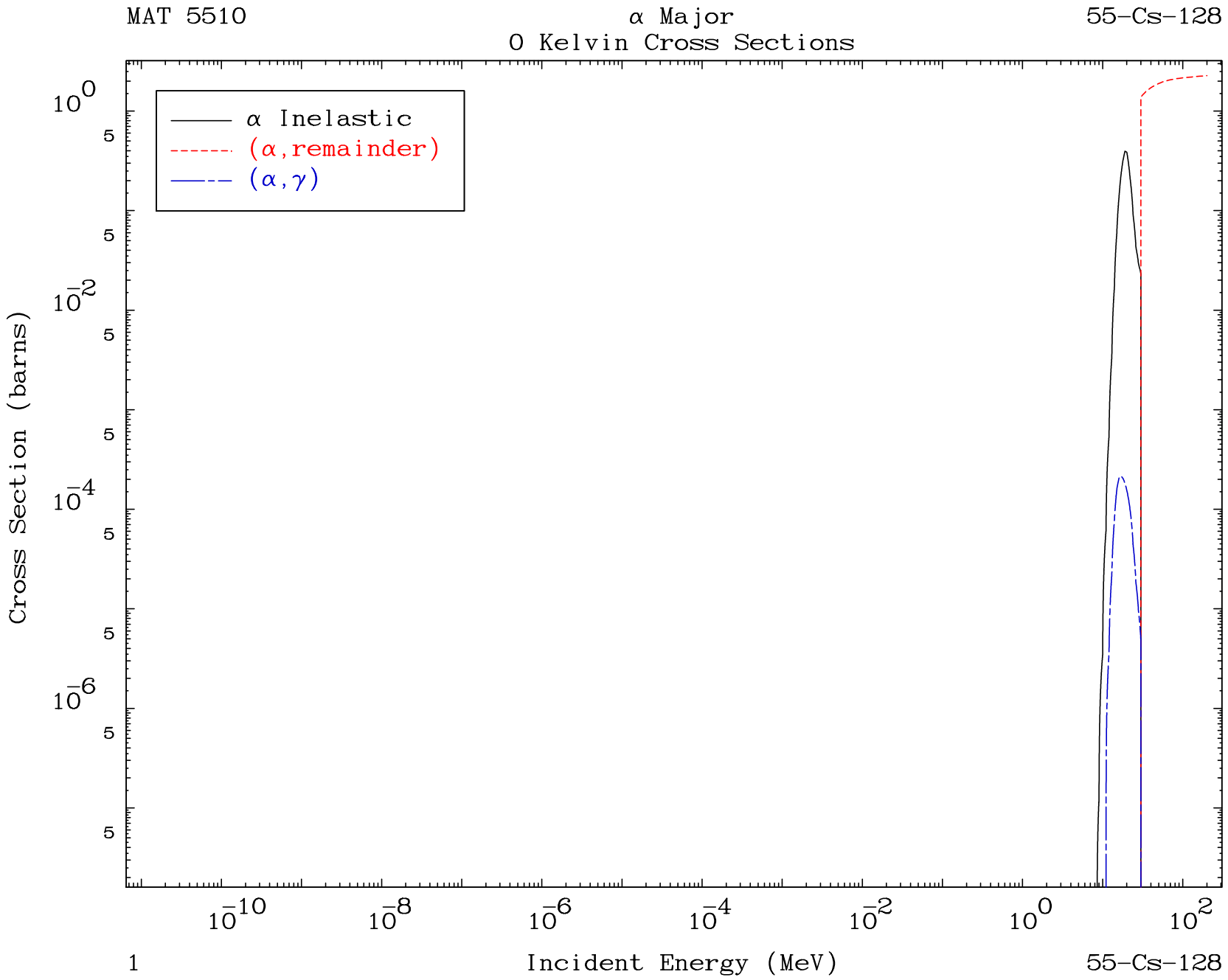
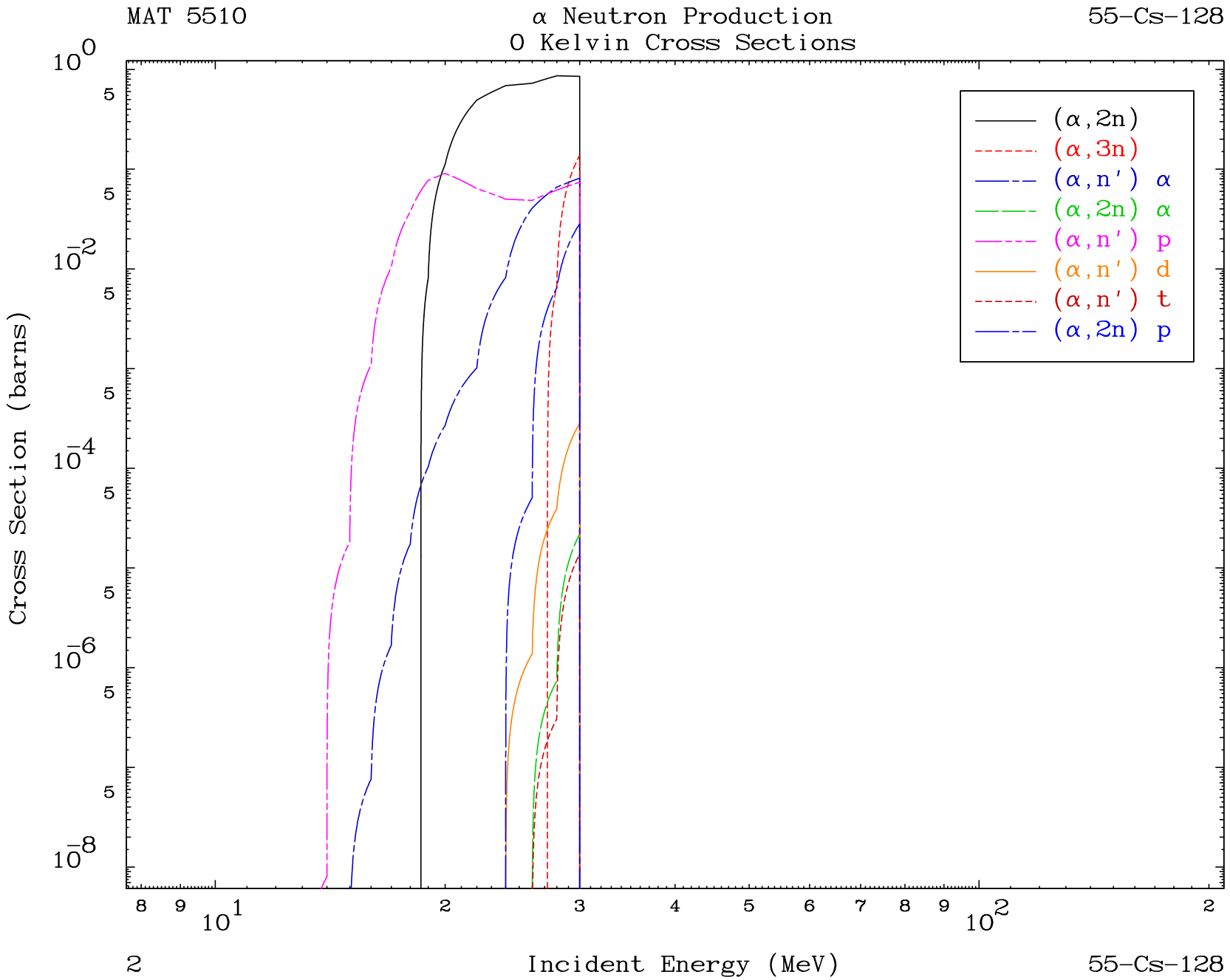
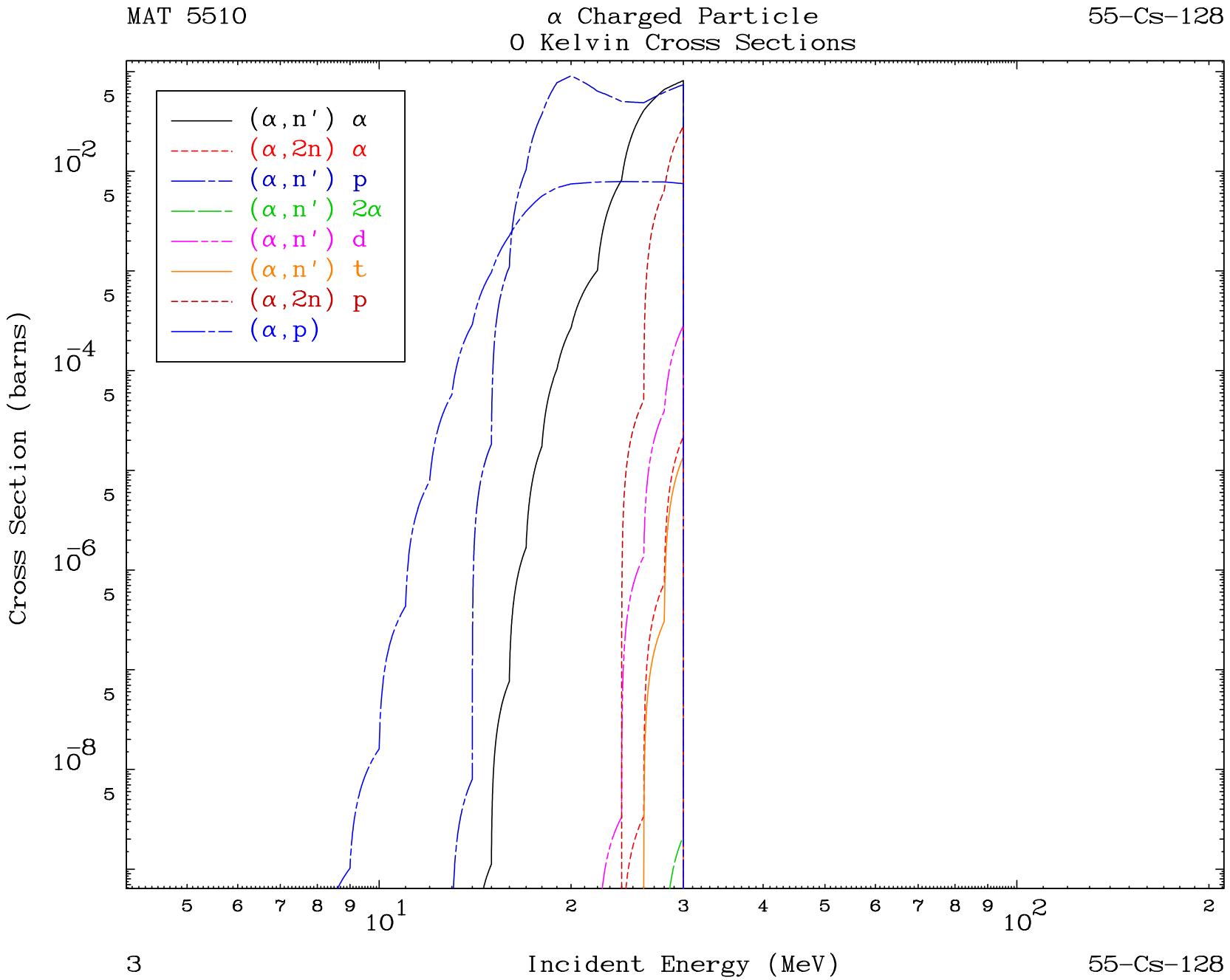
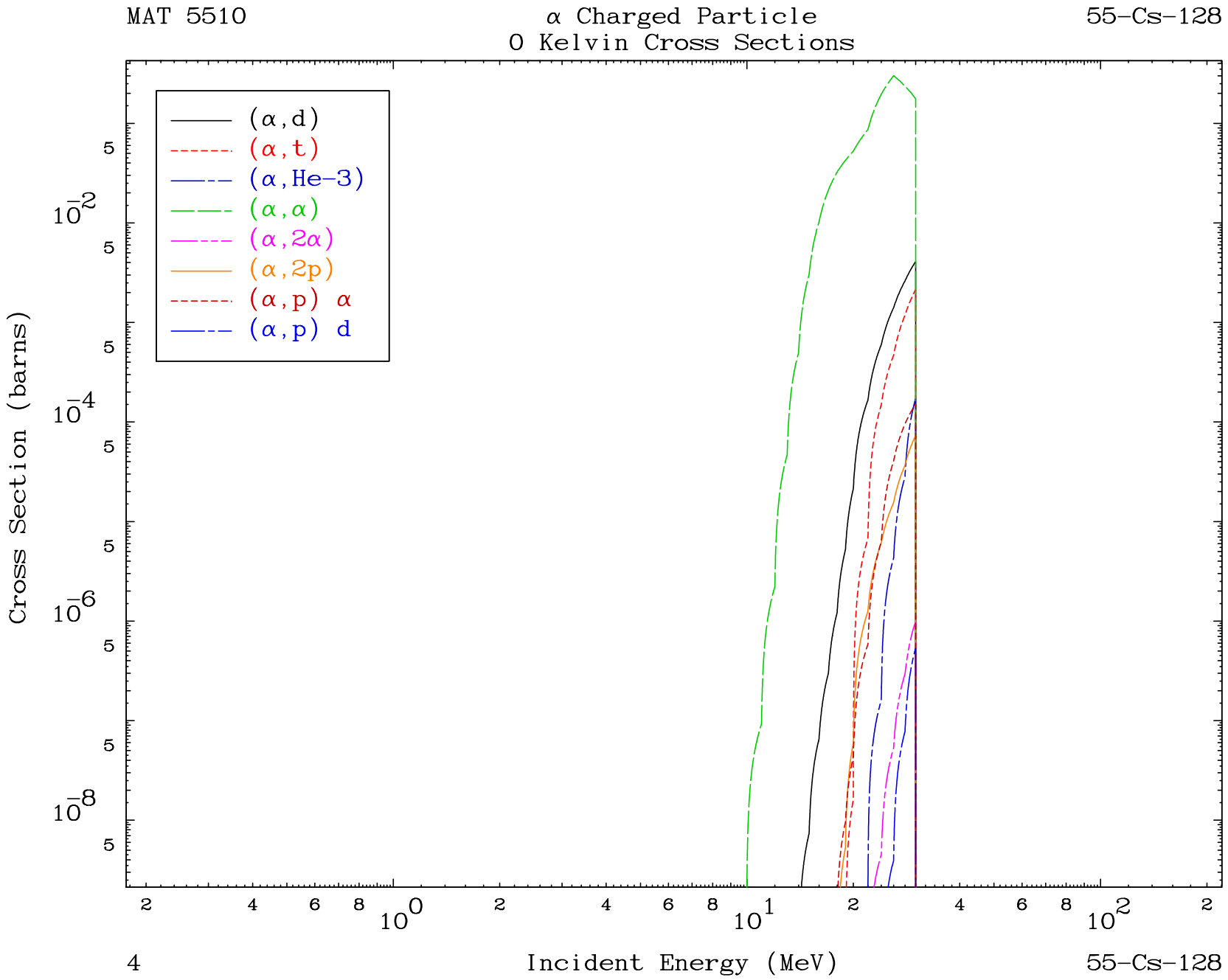
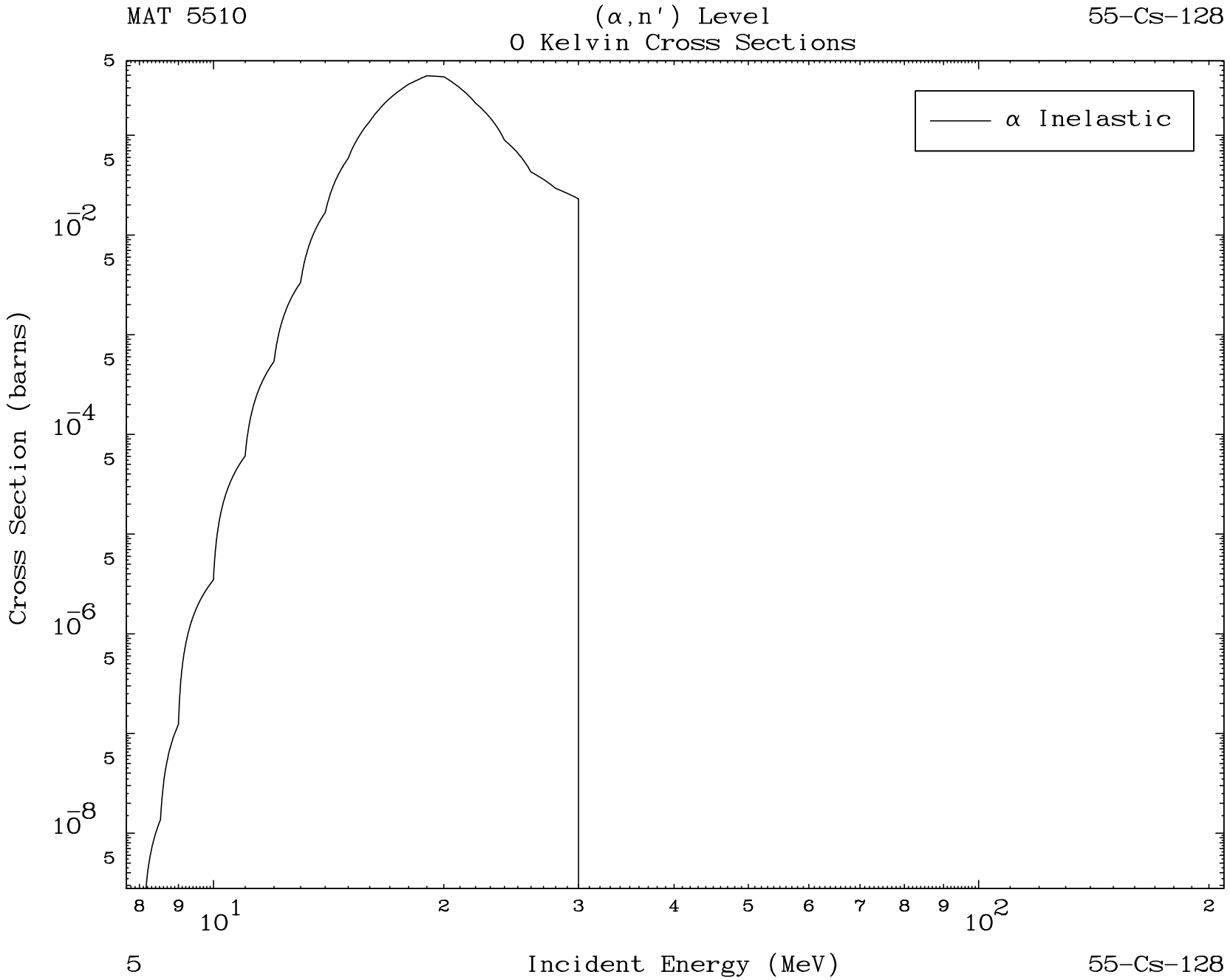
Press Mouse Button to Start

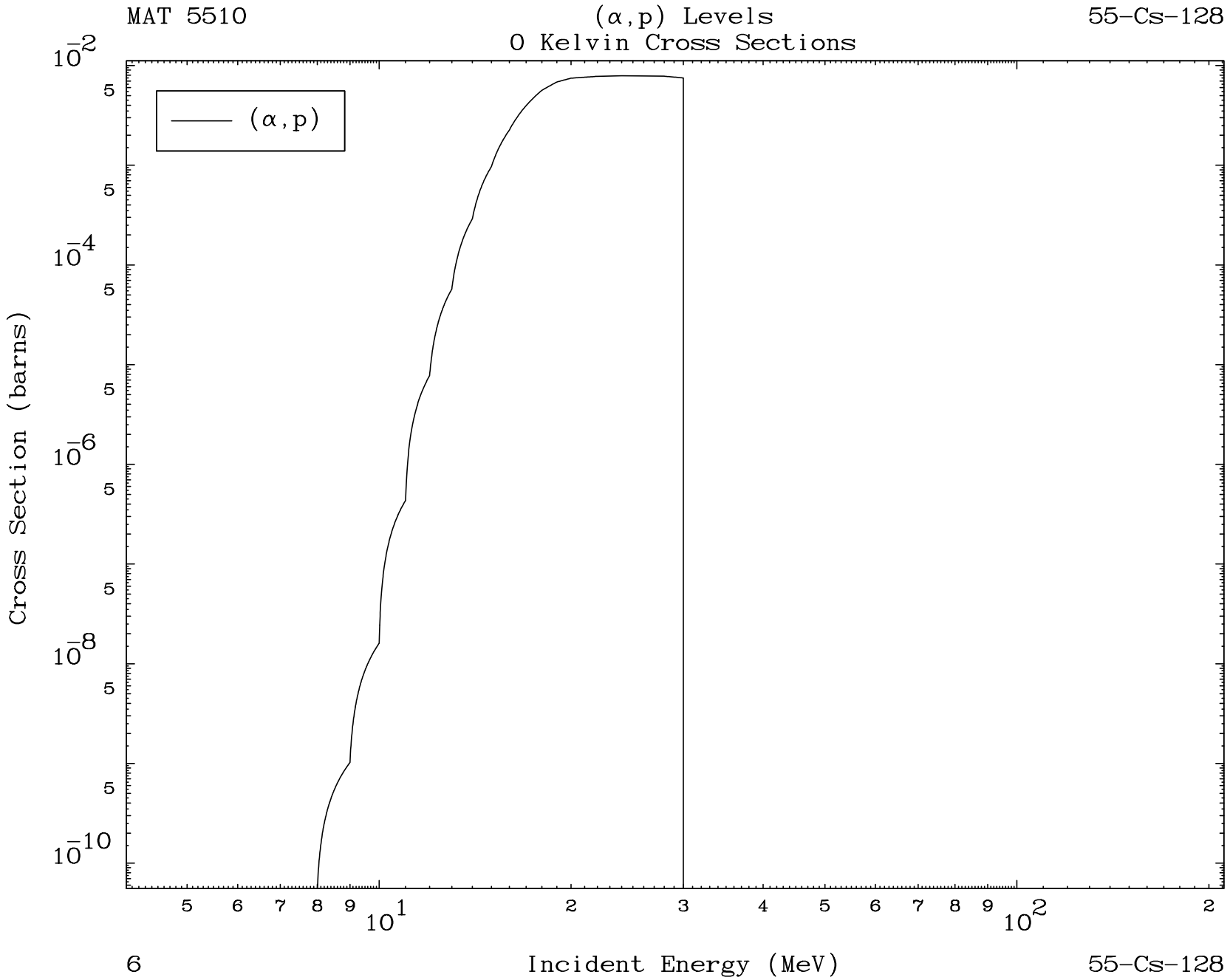

MAT 5510
α Major
55-Cs-128
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
55-Cs-128

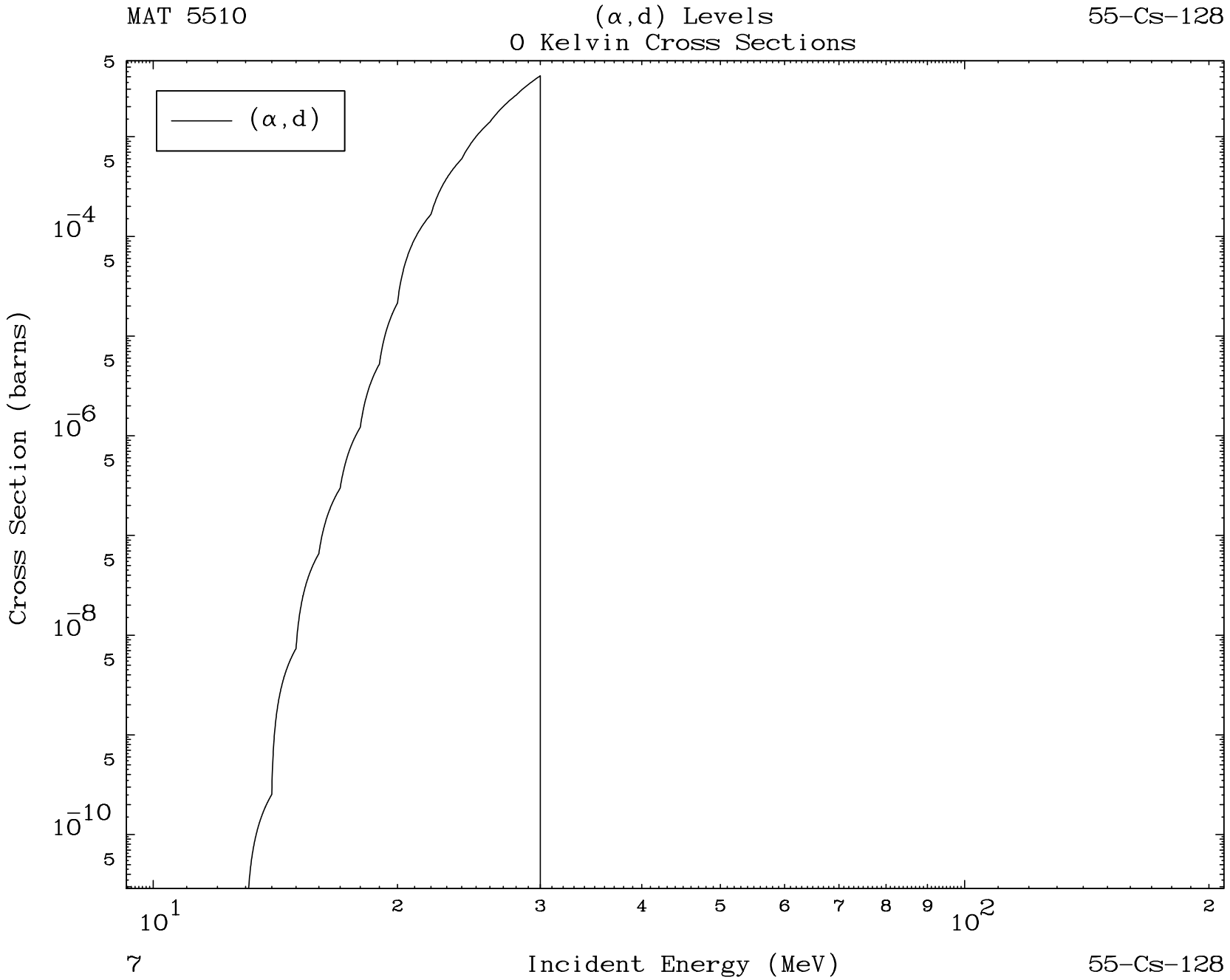

MAT 5510
α Neutron Production
0 Kelvin Cross Sections
55-Cs-128
Cross Section (barns)
Incident Energy (MeV)
55-Cs-128
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,n') t
(α,2n) p

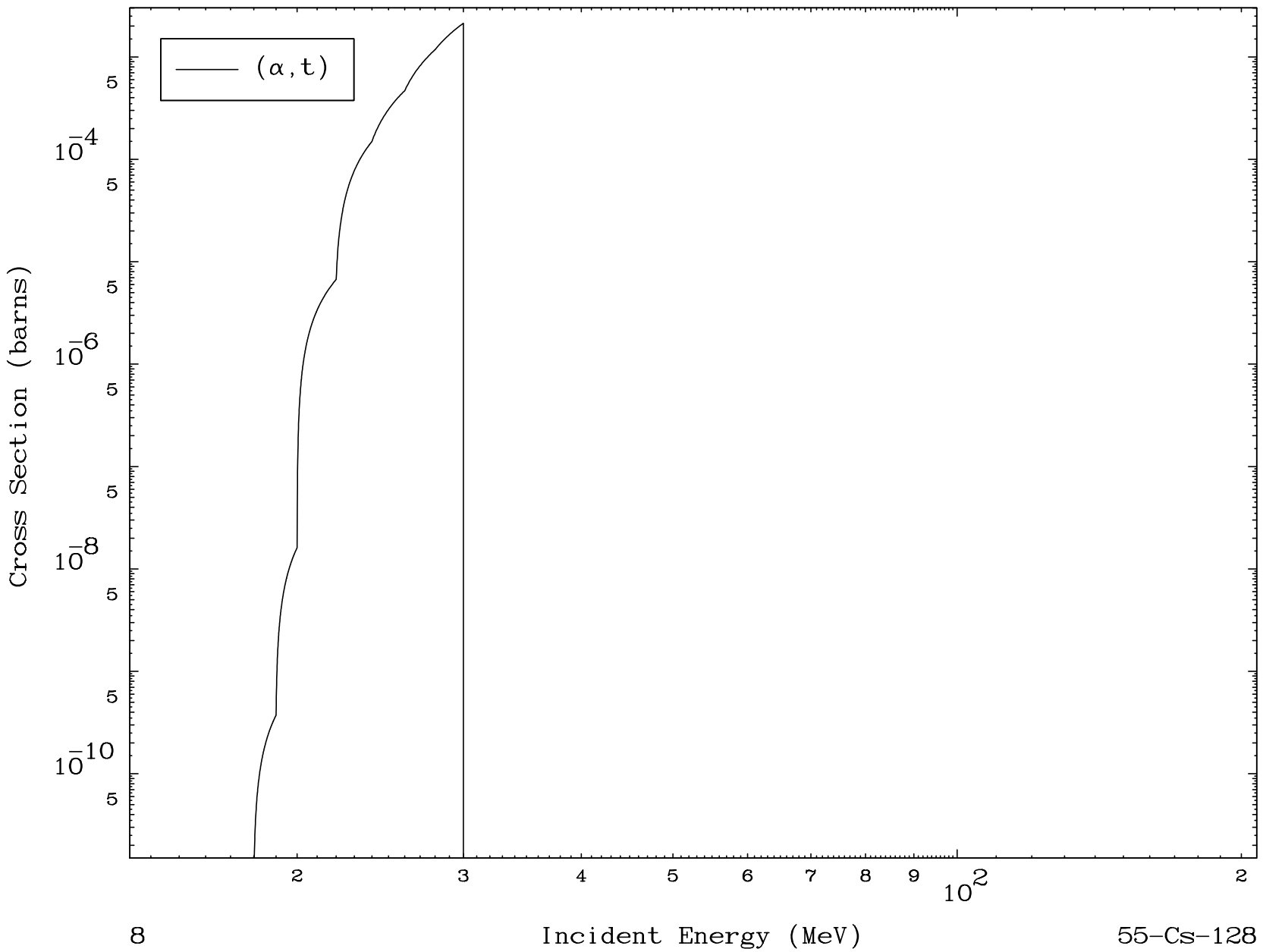

MAT 5510
α Charged Particle
0 Kelvin Cross Sections
55-Cs-128
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,2n) p
(α,p)
Cross Section (barns)
Incident Energy (MeV)
3
55-Cs-128

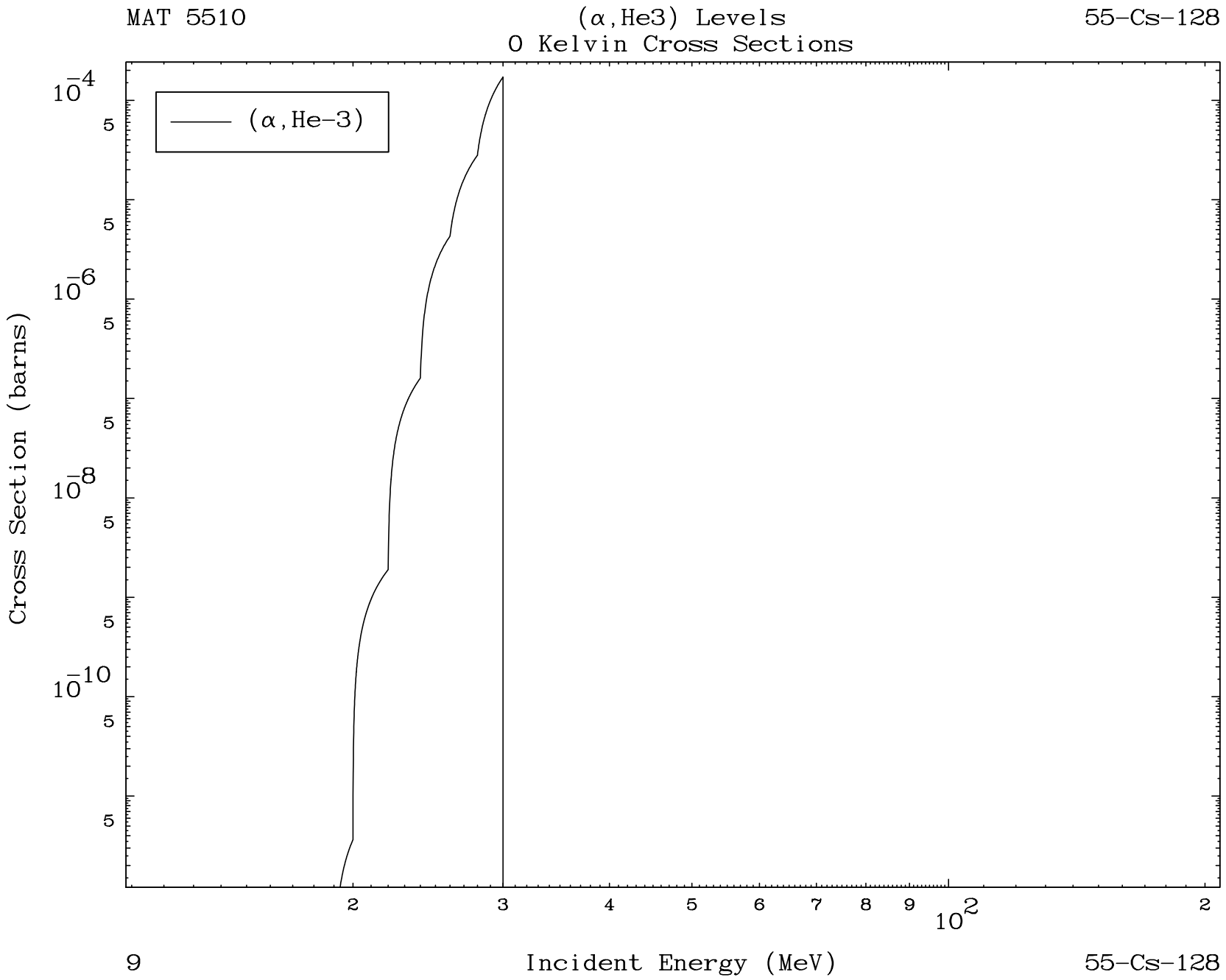

MAT 5510
α Charged Particle
0 Kelvin Cross Sections
55-Cs-128
(α,d)
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
Cross Section (barns)
Incident Energy (MeV)
4
55-Cs-128

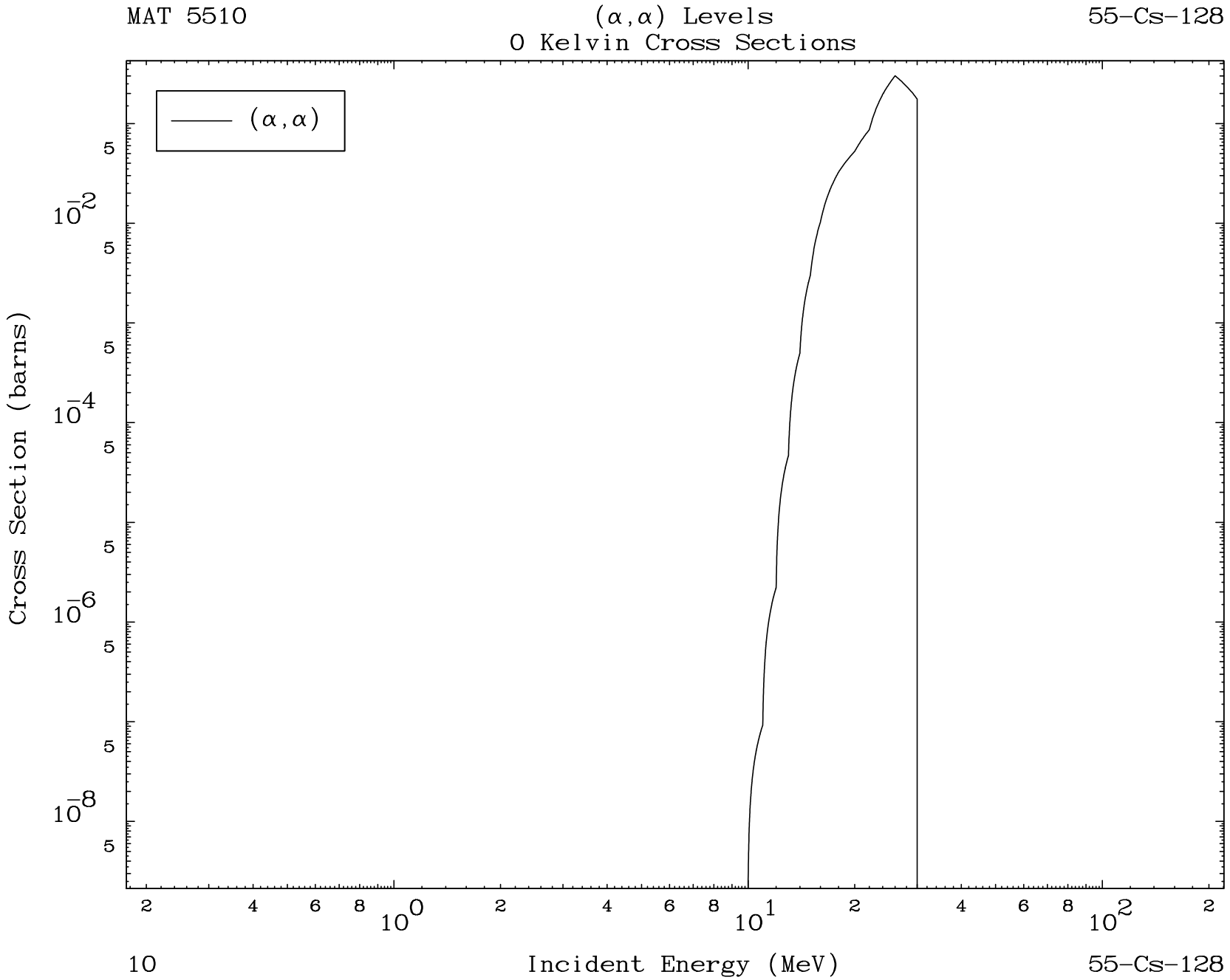

MAT 5510
(α,n') Level
55-Cs-128
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
Incident Energy (MeV)
55-Cs-128

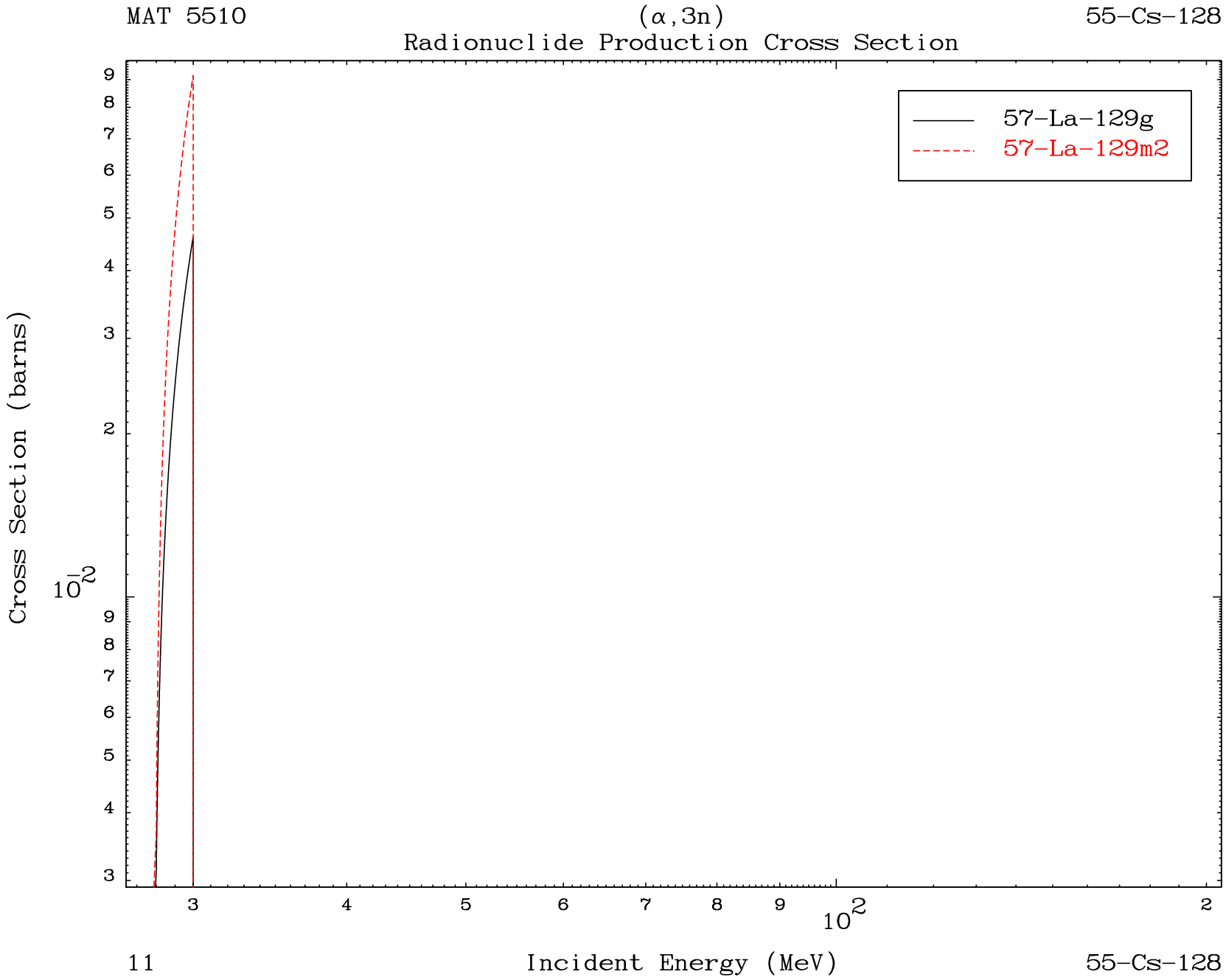

MAT 5510
(α,p) Levels
55-Cs-128
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
6
55-Cs-128

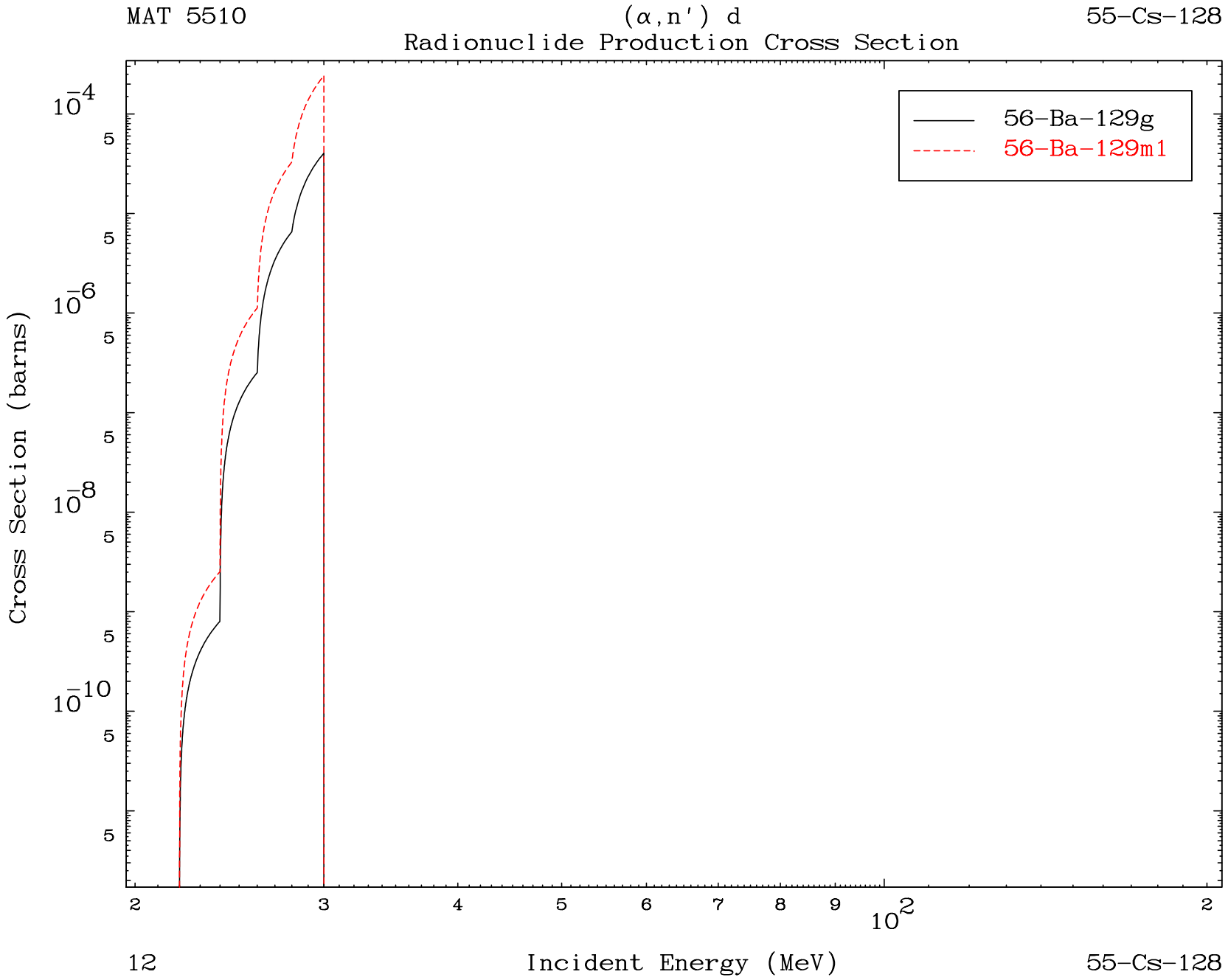

MAT 5510
(α,d) Levels
55-Cs-128
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
Incident Energy (MeV)
55-Cs-128
7

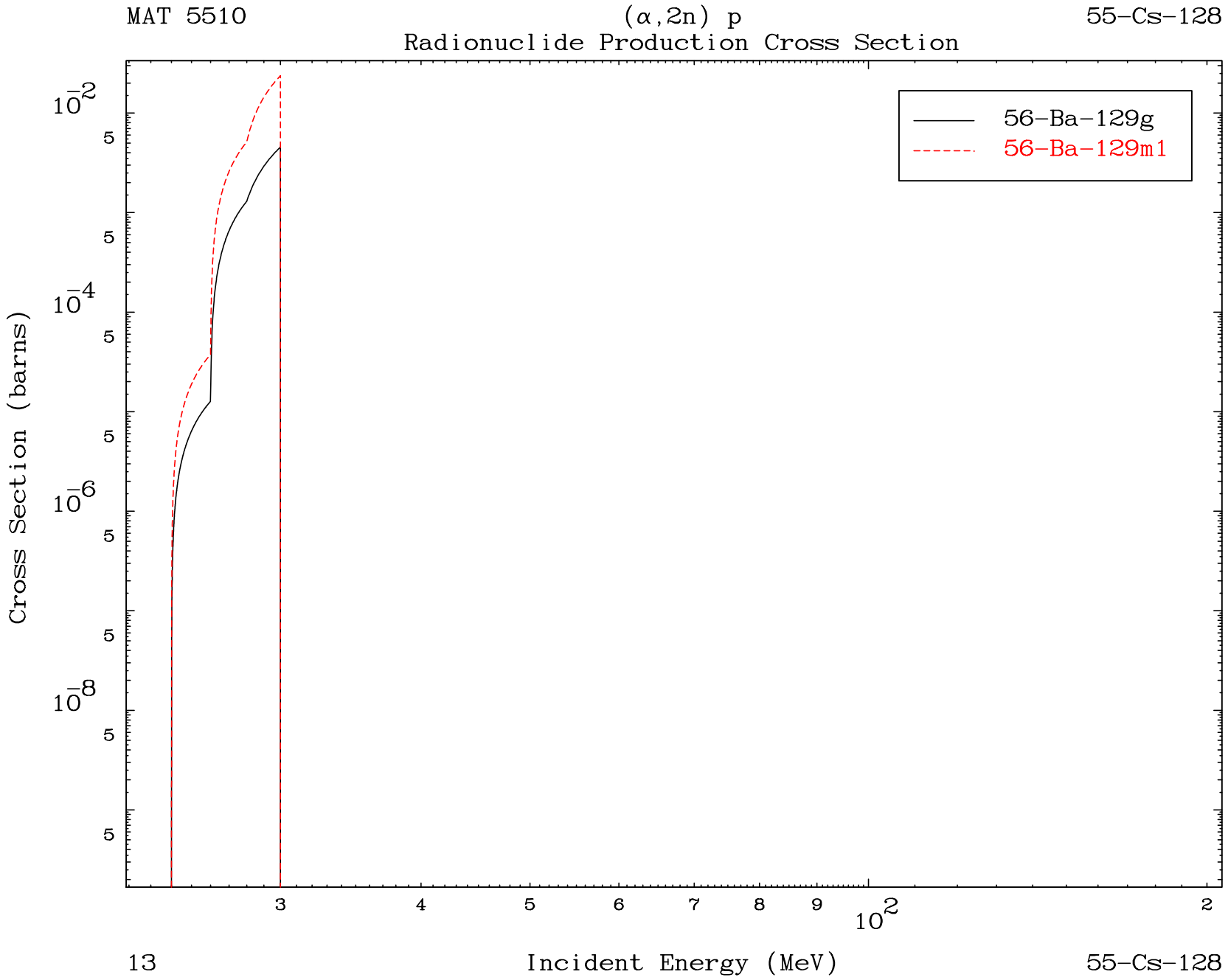

0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

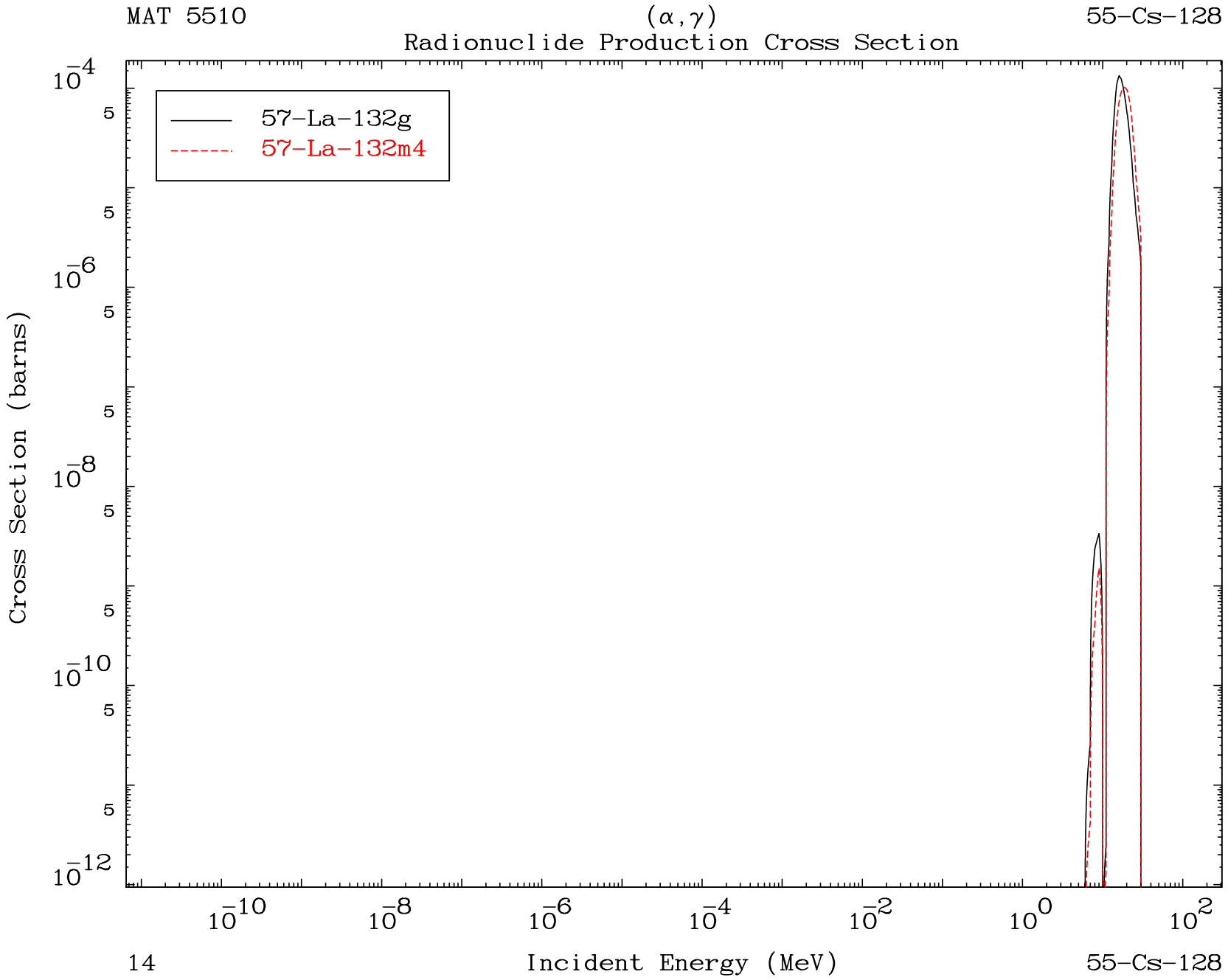

MAT 5510
(α,He3) Levels
55-Cs-128
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
9
55-Cs-128

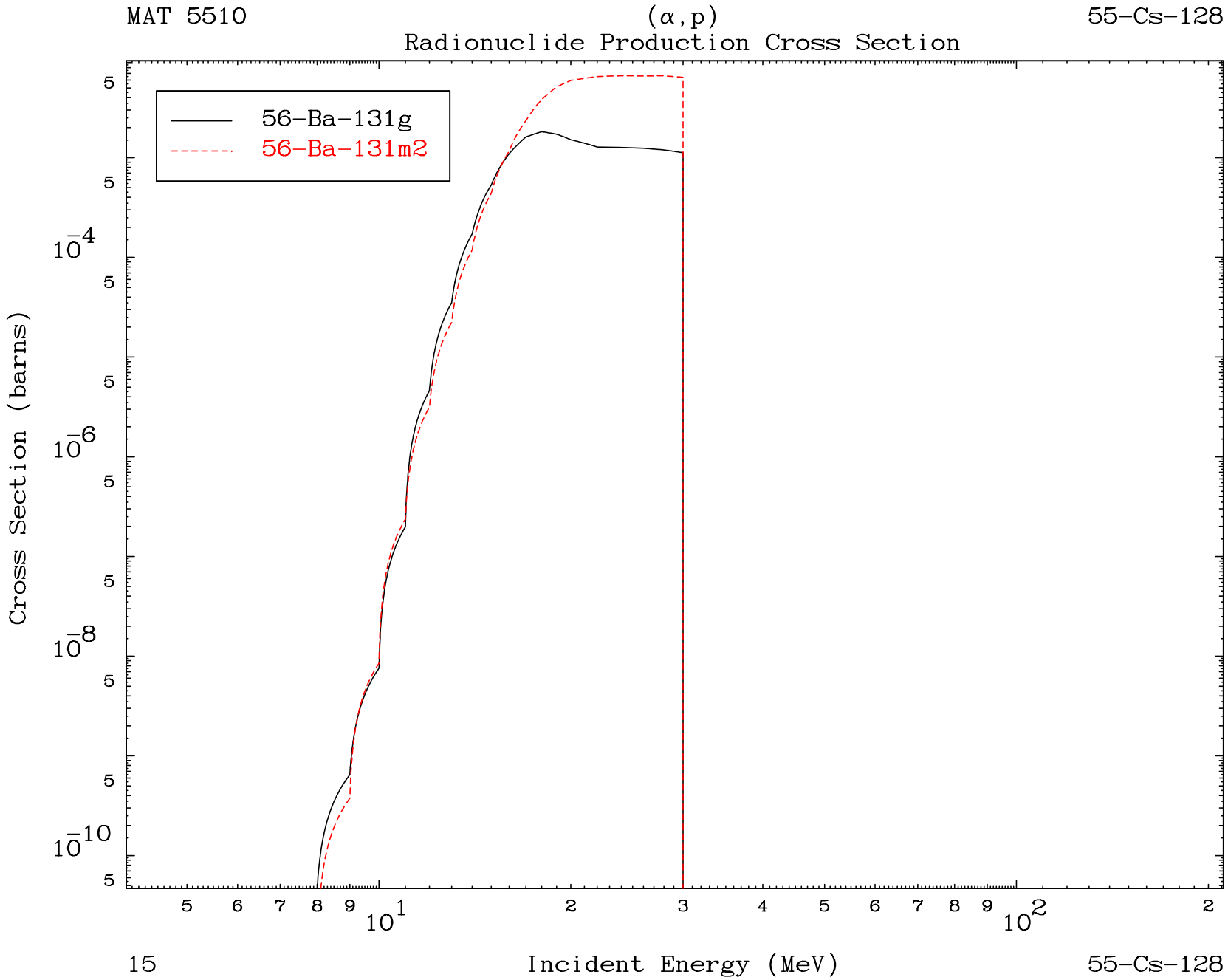

MAT 5510
(α,α) Levels
55-Cs-128
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
55-Cs-128

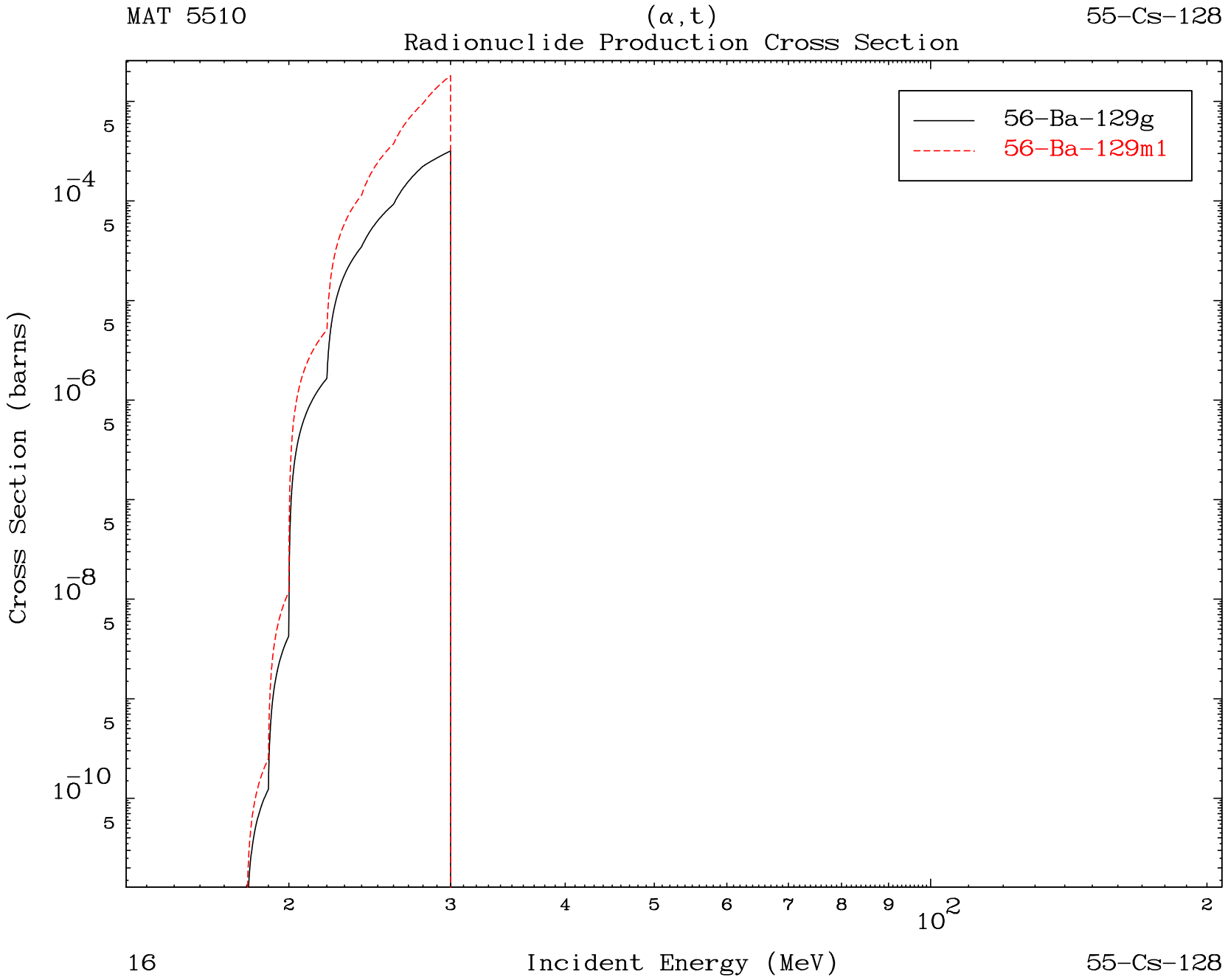

MAT 5510
(α,3n)
55-Cs-128
Radionuclide Production Cross Section
57-La-129g
57-La-129m2
Cross Section (barns)
10^-2
9
8
7
6
5
4
3
2
3
4
5
6
7
8
9
10^2
2
11
Incident Energy (MeV)
55-Cs-128

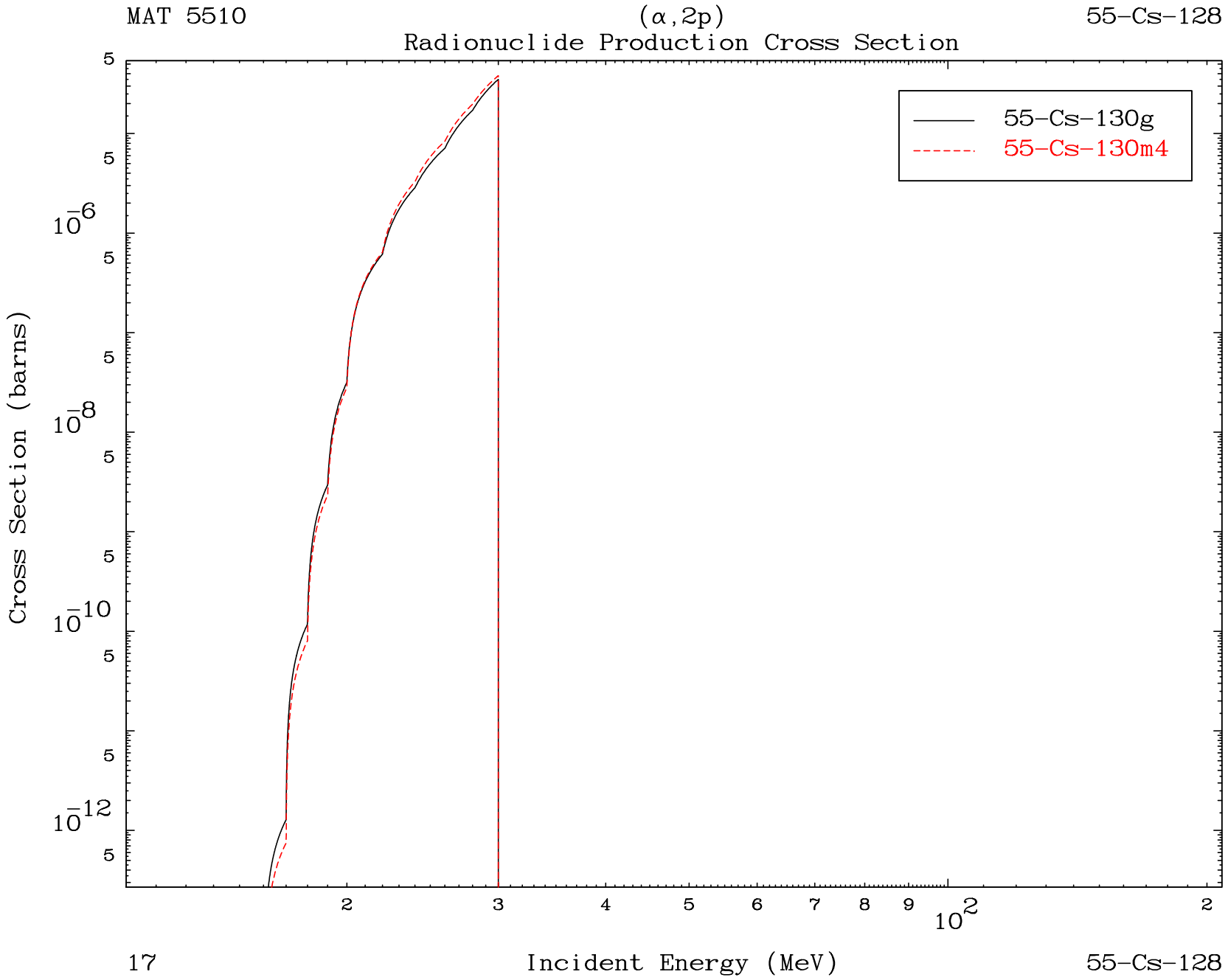

MAT 5510
(α,n') d
55-Cs-128
Radionuclide Production Cross Section
56-Ba-129g
56-Ba-129m1
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
12
Incident Energy (MeV)
55-Cs-128

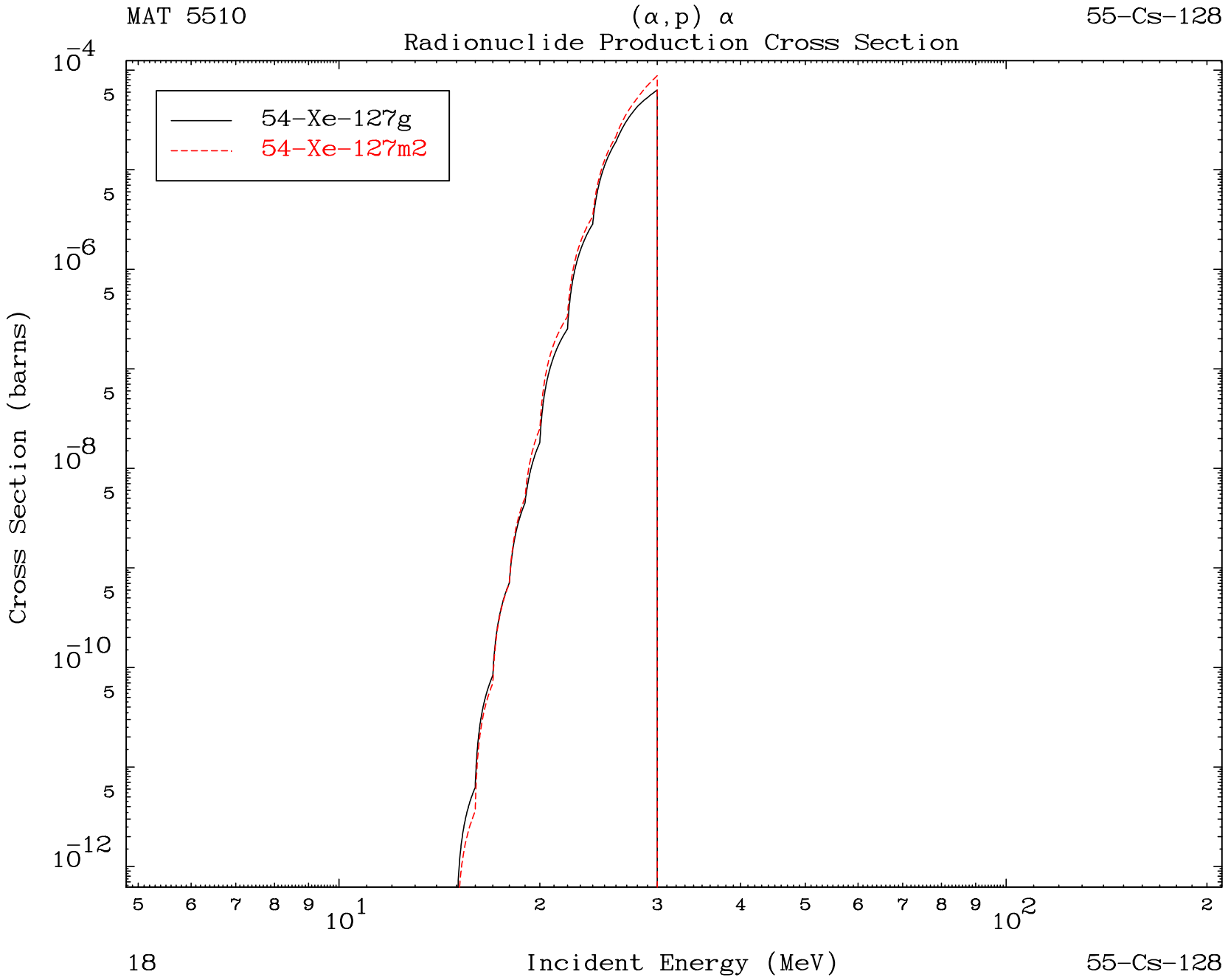

MAT 5510
(α,2n) p
55-Cs-128
Radionuclide Production Cross Section
56-Ba-129g
56-Ba-129m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
55-Cs-128


MAT 5510
(α,γ)
55-Cs-128
Radionuclide Production Cross Section
57-La-132g
57-La-132m4
Cross Section (barns)
Incident Energy (MeV)
14
55-Cs-128


MAT 5510
(α,p)
55-Cs-128
Radionuclide Production Cross Section
56-Ba-131g
56-Ba-131m2
Cross Section (barns)
Incident Energy (MeV)
15
55-Cs-128


MAT 5510
(α,t)
55-Cs-128
Radionuclide Production Cross Section
56-Ba-129g
56-Ba-129m1
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
16
Incident Energy (MeV)
55-Cs-128


MAT 5510
(α,2p)
55-Cs-128
Radionuclide Production Cross Section
55-Cs-130g
55-Cs-130m4
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
55-Cs-128


MAT 5510
(α,p) α
55-Cs-128
Radionuclide Production Cross Section
54-Xe-127g
54-Xe-127m2
Cross Section (barns)
Incident Energy (MeV)
18
55-Cs-128