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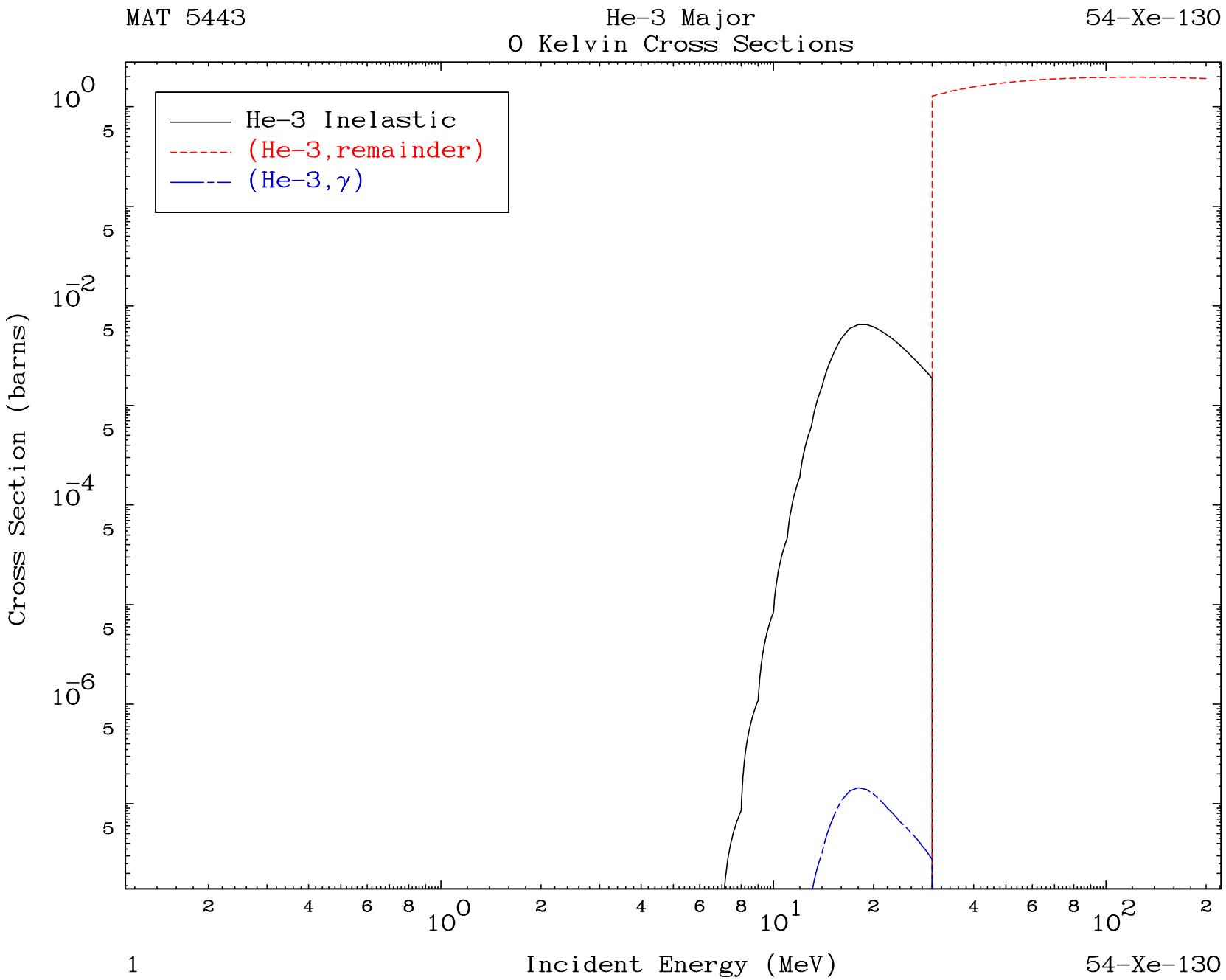
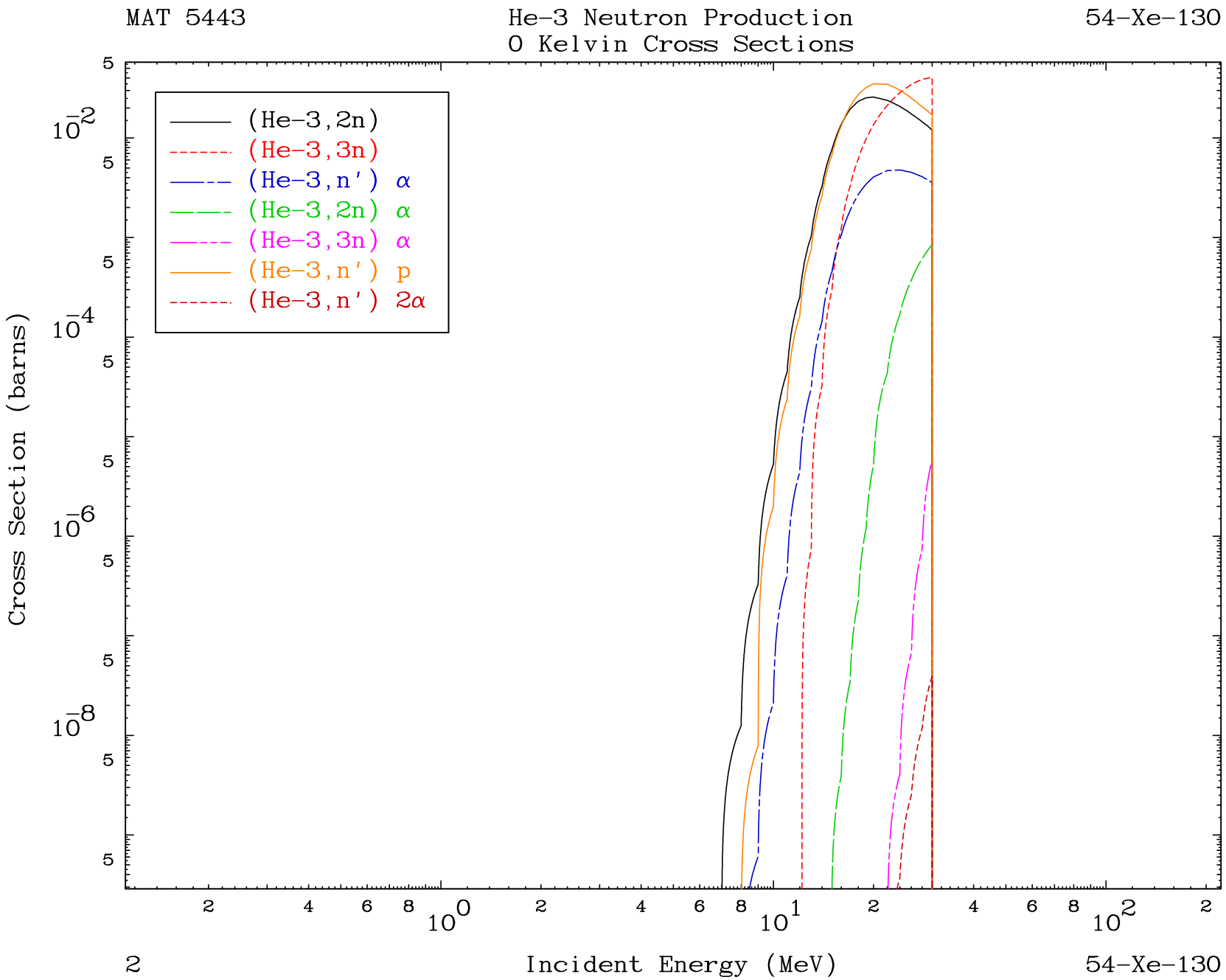
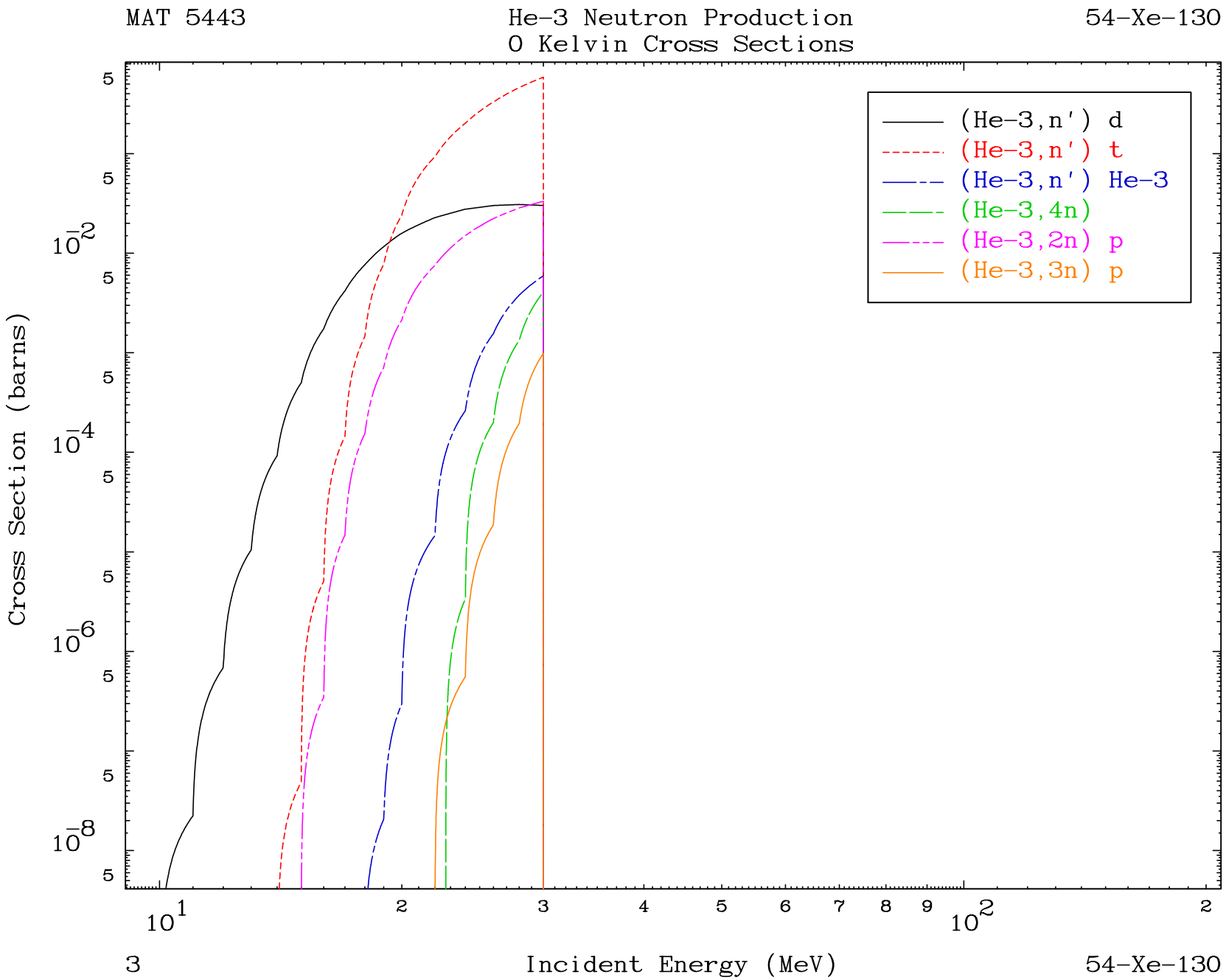
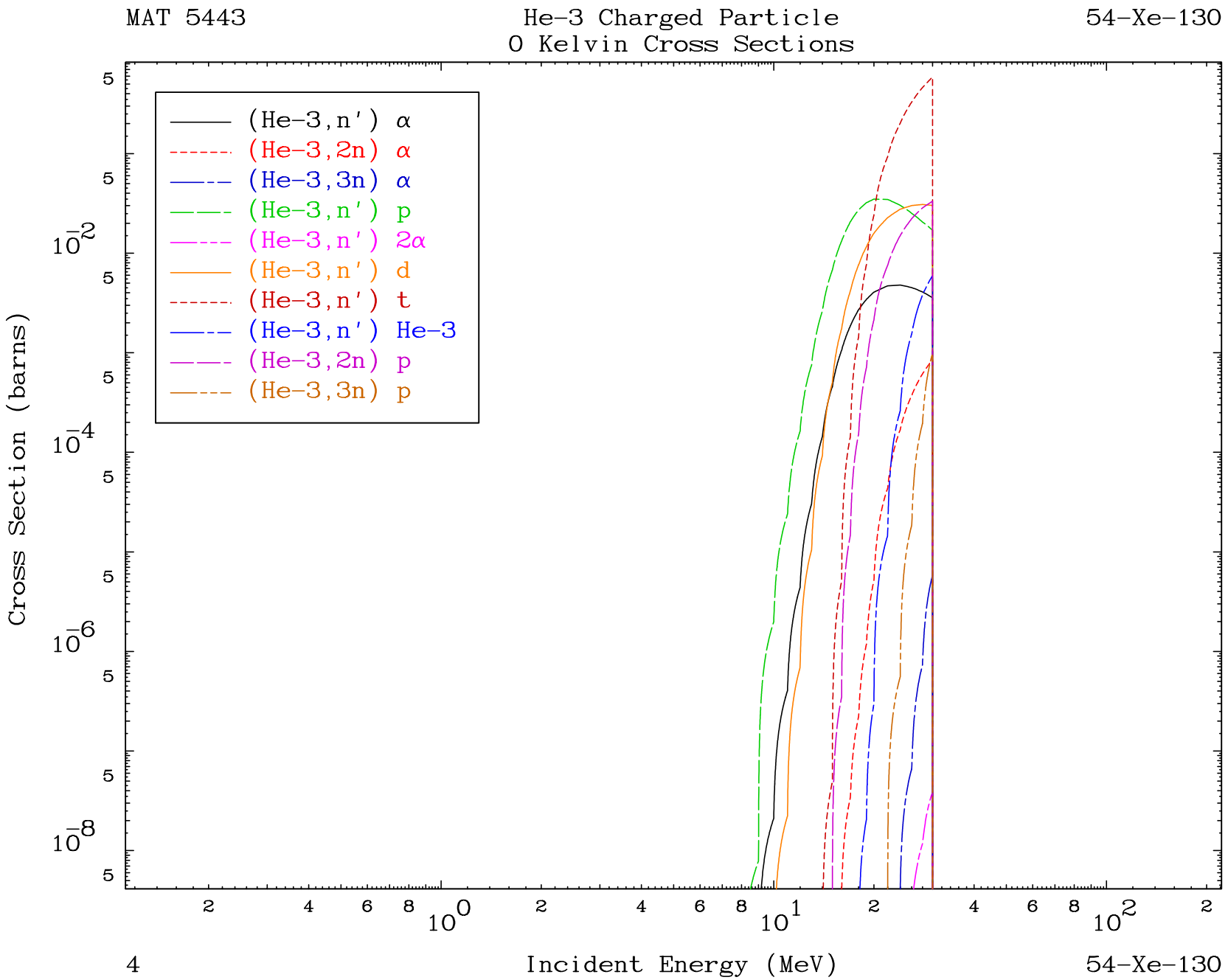
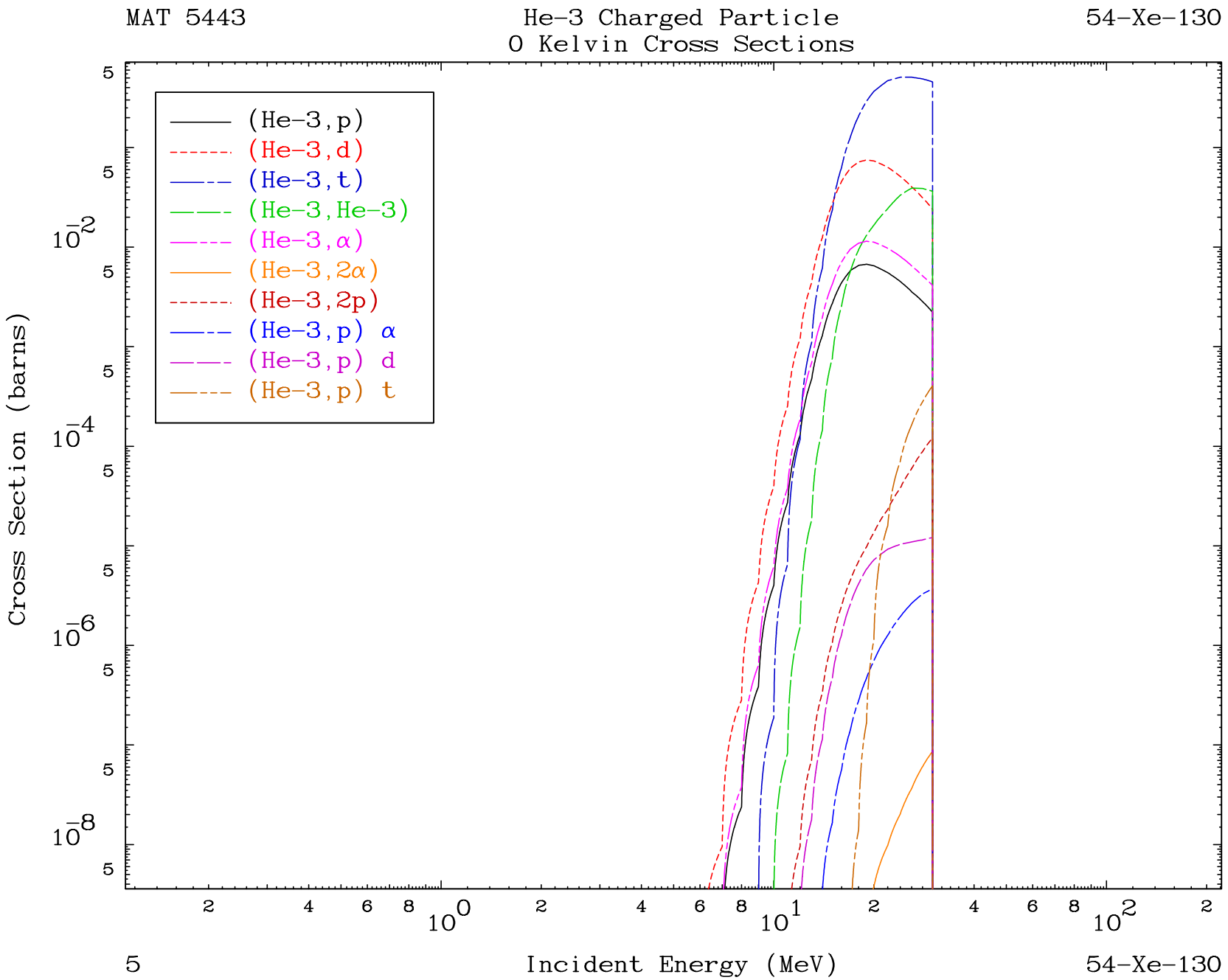
Press Mouse Button to Start

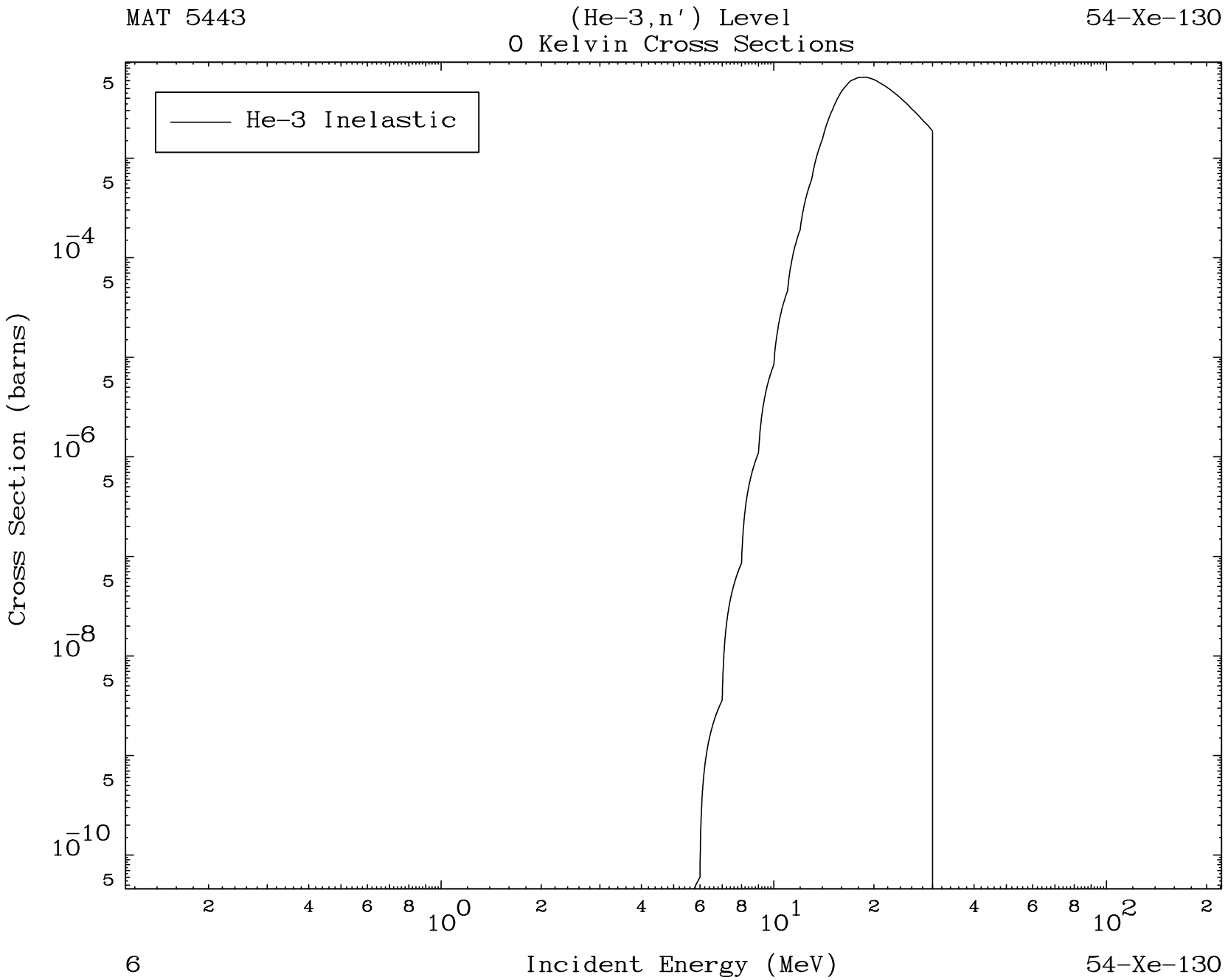

MAT 5443
He-3 Major
54-Xe-130
0 Kelvin Cross Sections
He-3 Inelastic
(He-3,remainder)
(He-3,γ)
Cross Section (barns)
Incident Energy (MeV)
1
54-Xe-130

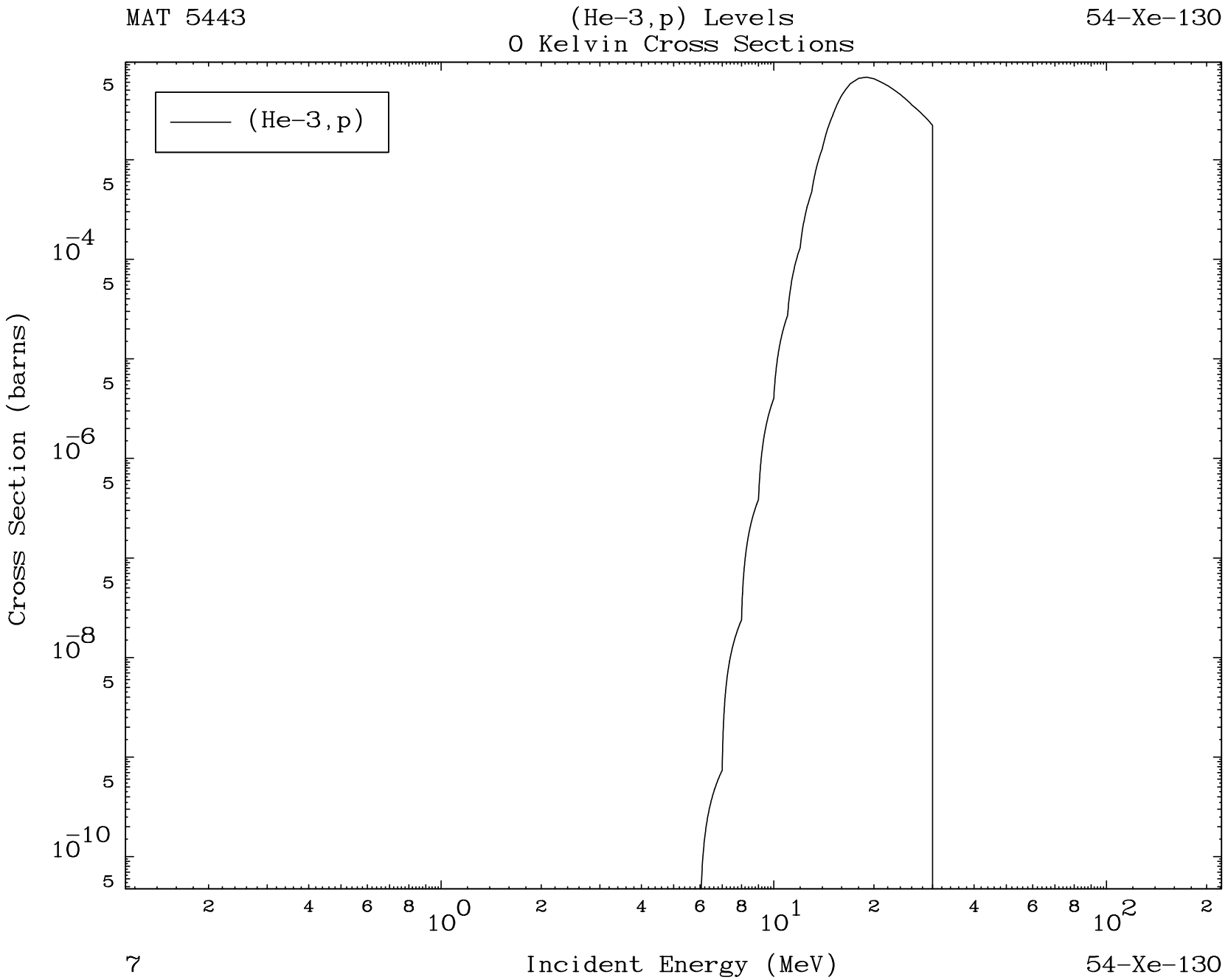

MAT 5443
He-3 Neutron Production
0 Kelvin Cross Sections
54-Xe-130
(He-3,2n)
(He-3,3n)
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') 2α
Cross Section (barns)
Incident Energy (MeV)
54-Xe-130
2

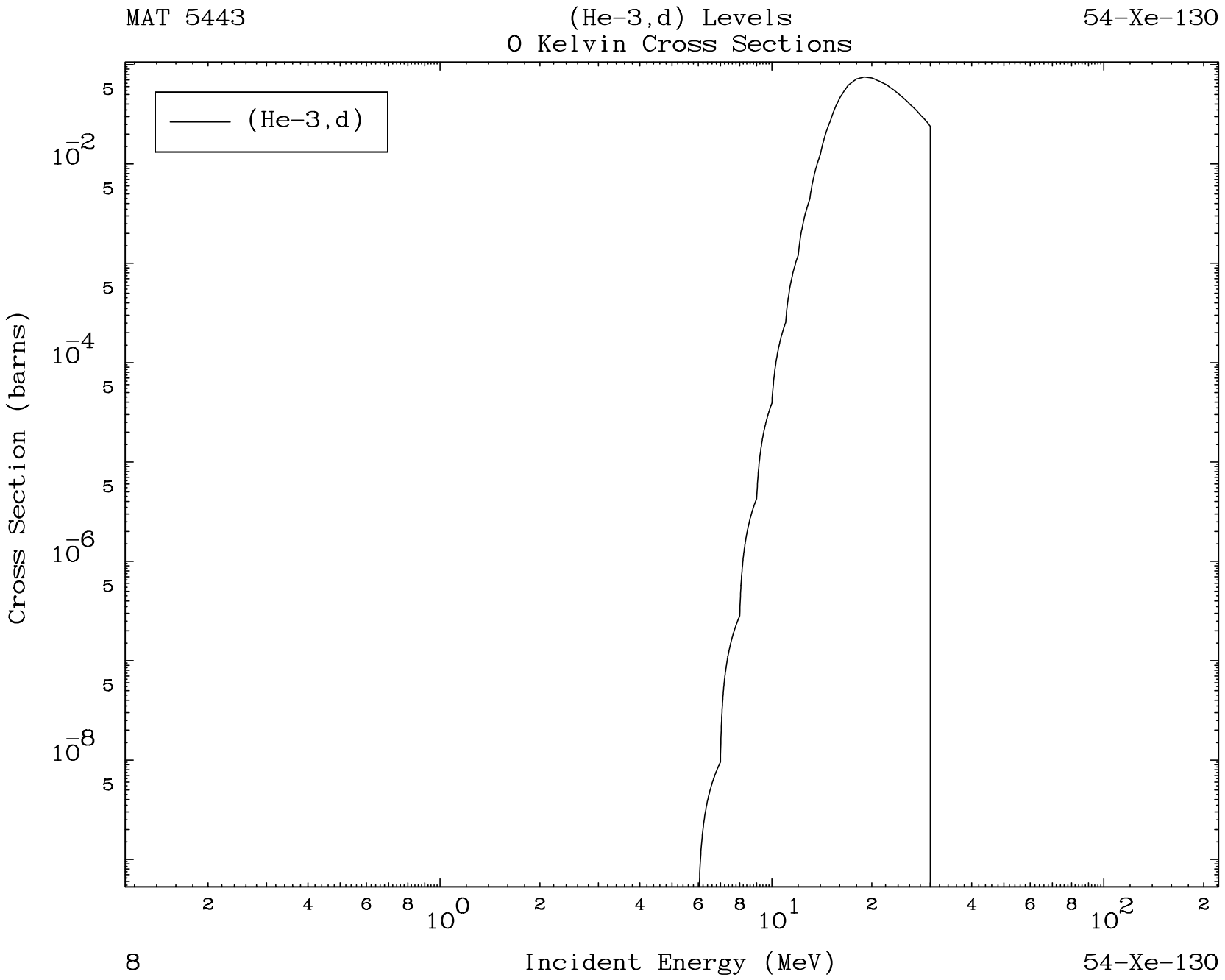

MAT 5443
He-3 Neutron Production
0 Kelvin Cross Sections
54-Xe-130
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,4n)
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
54-Xe-130

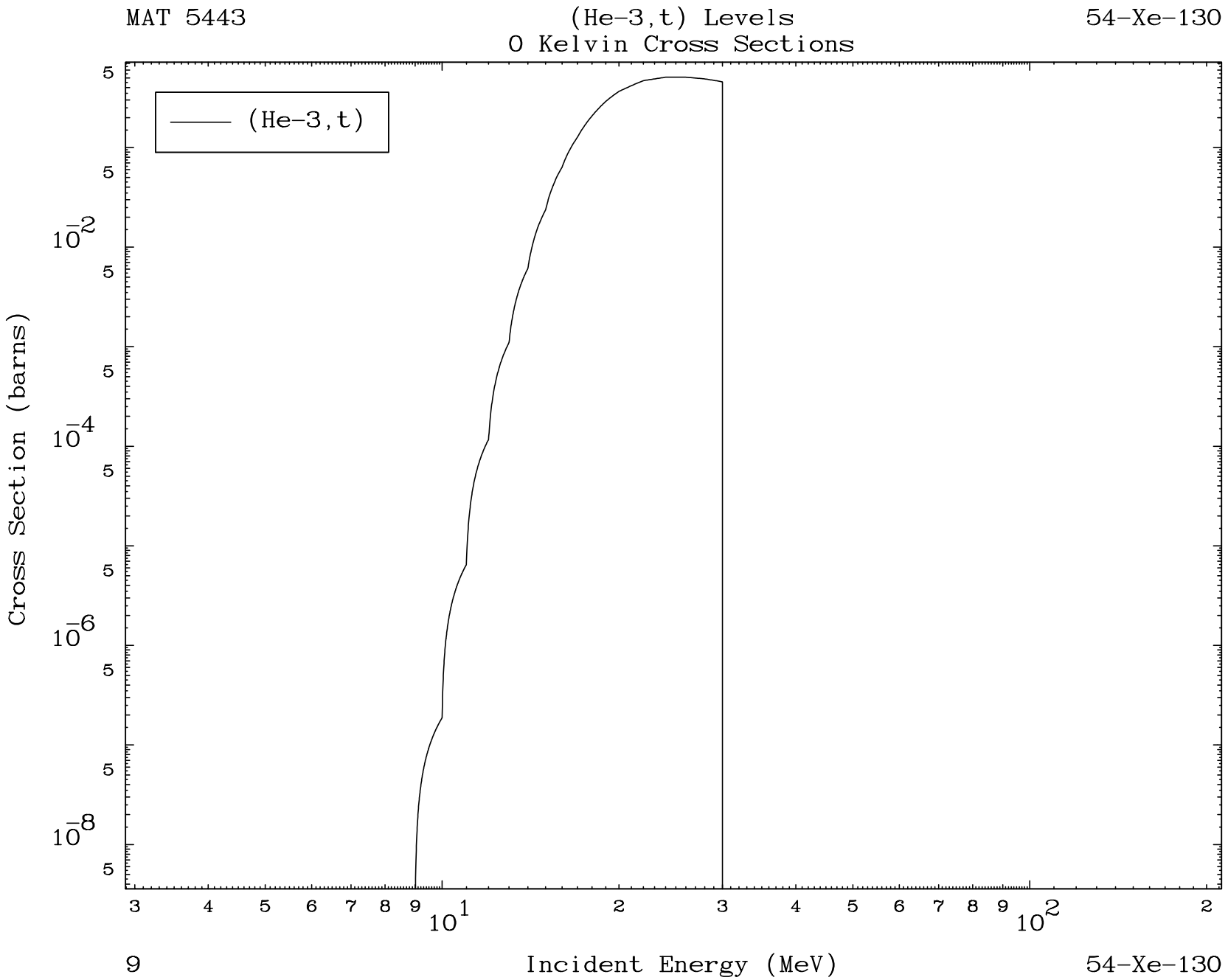

MAT 5443
He-3 Charged Particle
0 Kelvin Cross Sections
54-Xe-130
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') 2α
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
54-Xe-130

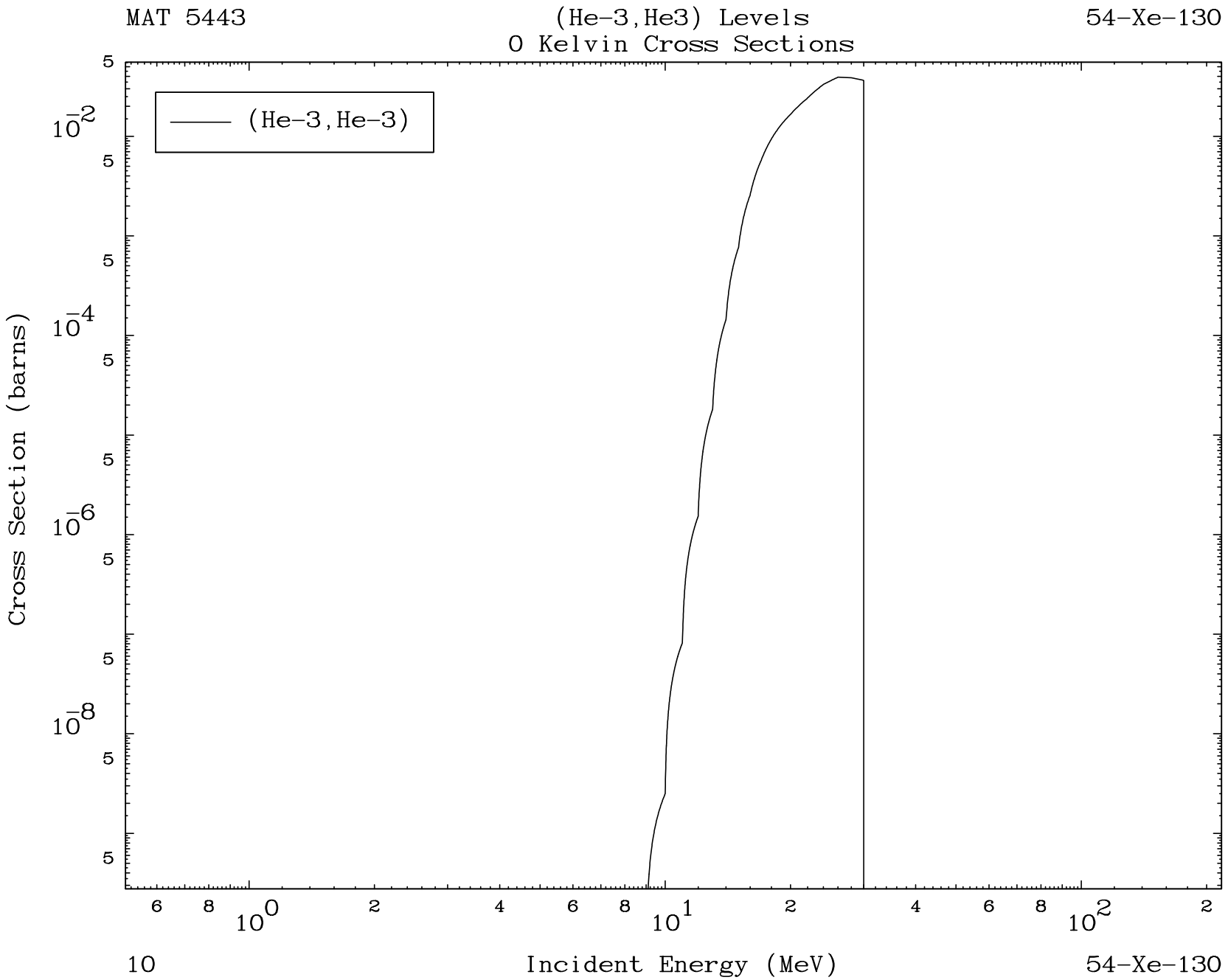

MAT 5443
He-3 Charged Particle
0 Kelvin Cross Sections
54-Xe-130
(He-3,p)
(He-3,d)
(He-3,t)
(He-3,He-3)
(He-3,α)
(He-3,2α)
(He-3,2p)
(He-3,p) α
(He-3,p) d
(He-3,p) t
Cross Section (barns)
Incident Energy (MeV)
54-Xe-130

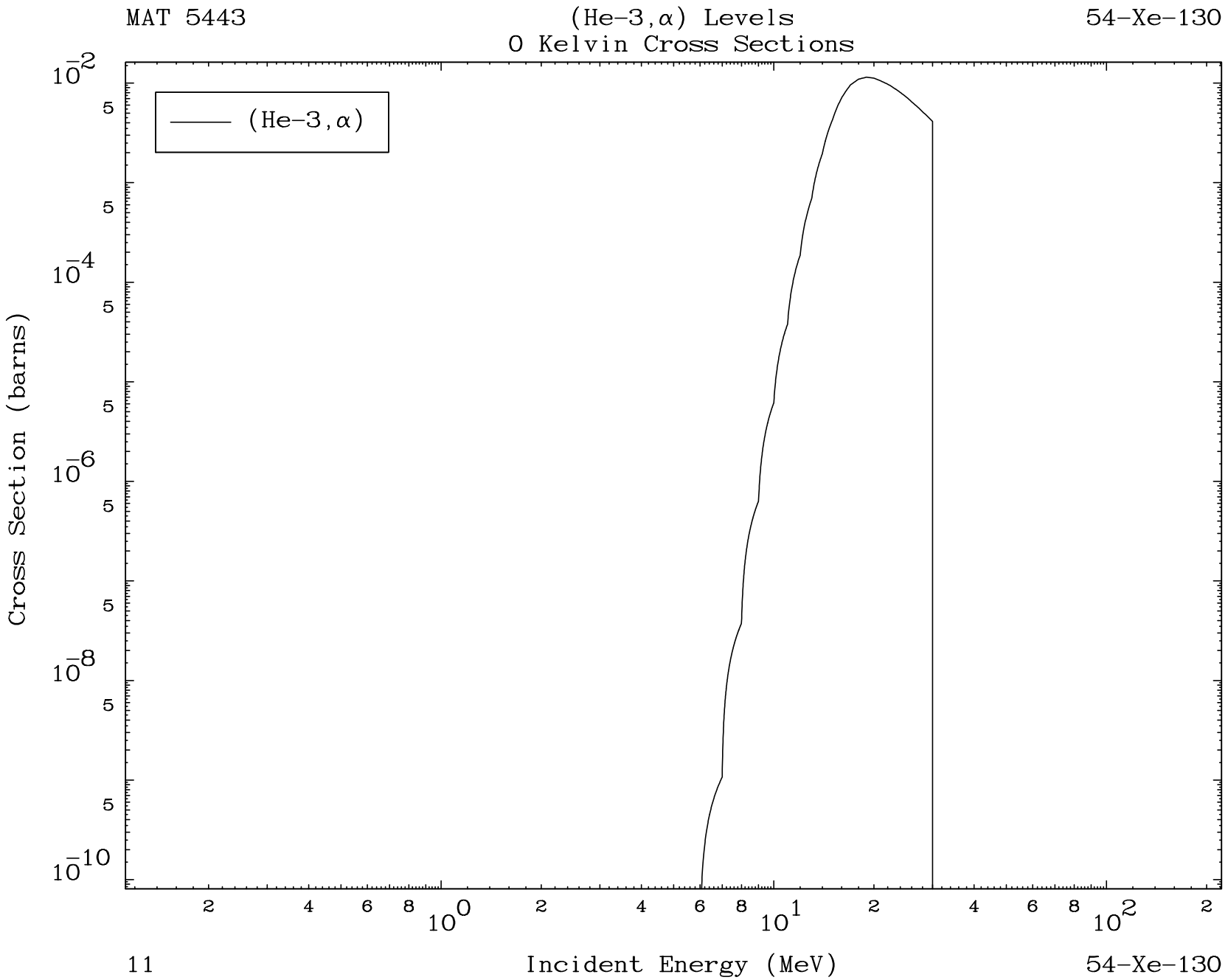

MAT 5443
(He-3,n') Level
54-Xe-130
0 Kelvin Cross Sections
He-3 Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
54-Xe-130

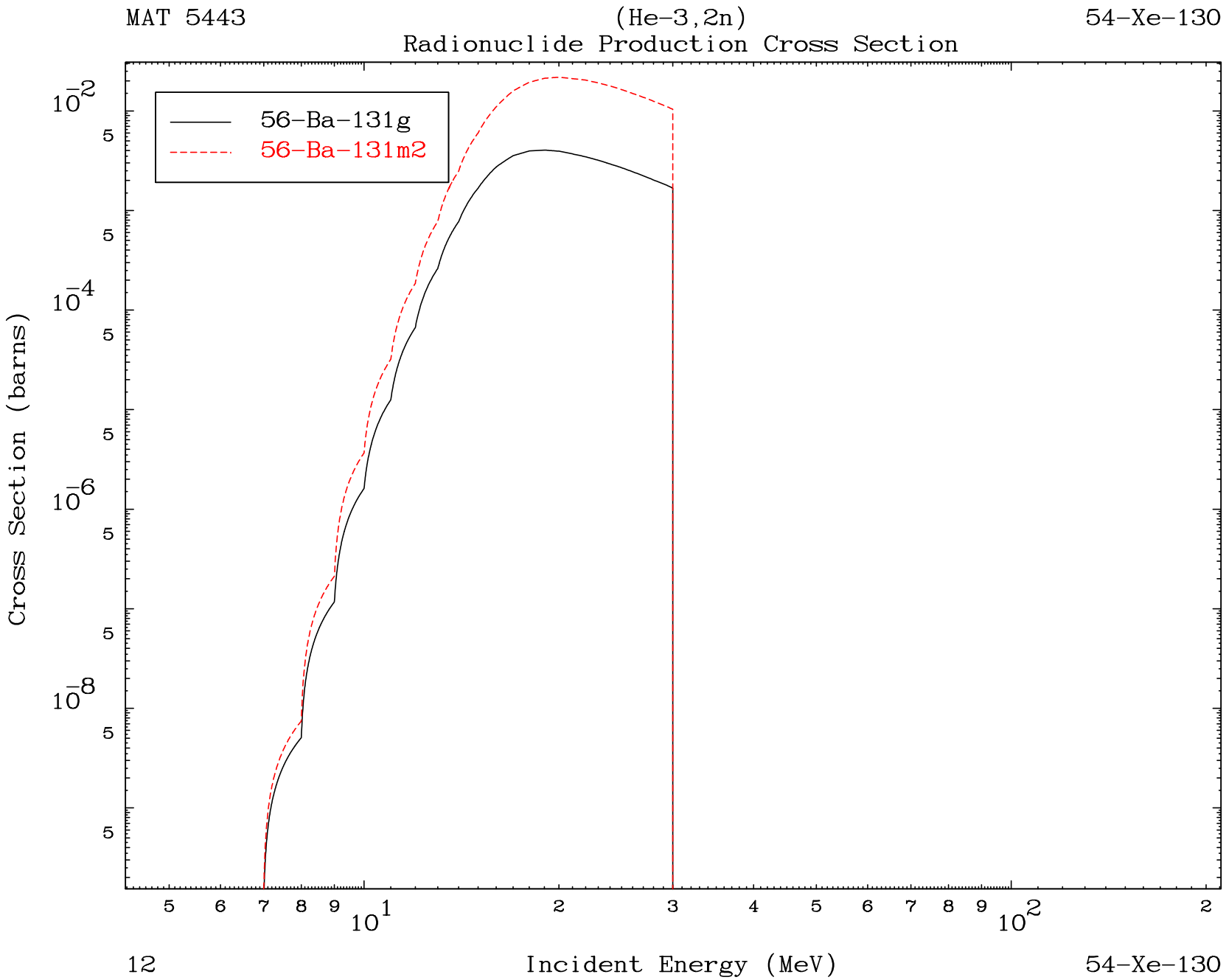

MAT 5443
(He-3,p) Levels
54-Xe-130
0 Kelvin Cross Sections
(He-3,p)
Cross Section (barns)
Incident Energy (MeV)
7
54-Xe-130

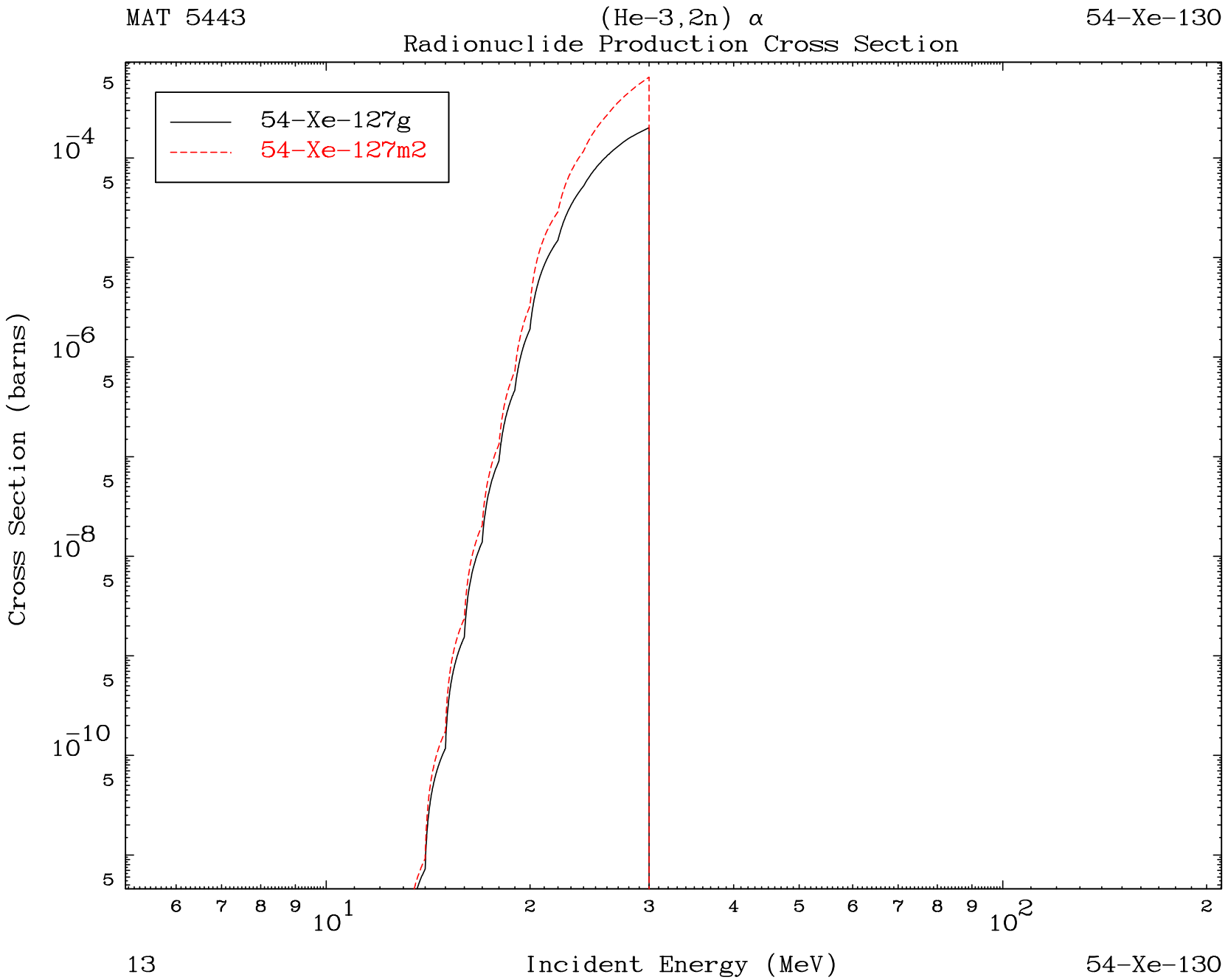

MAT 5443
(He-3,d) Levels
54-Xe-130
0 Kelvin Cross Sections
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)
8
54-Xe-130

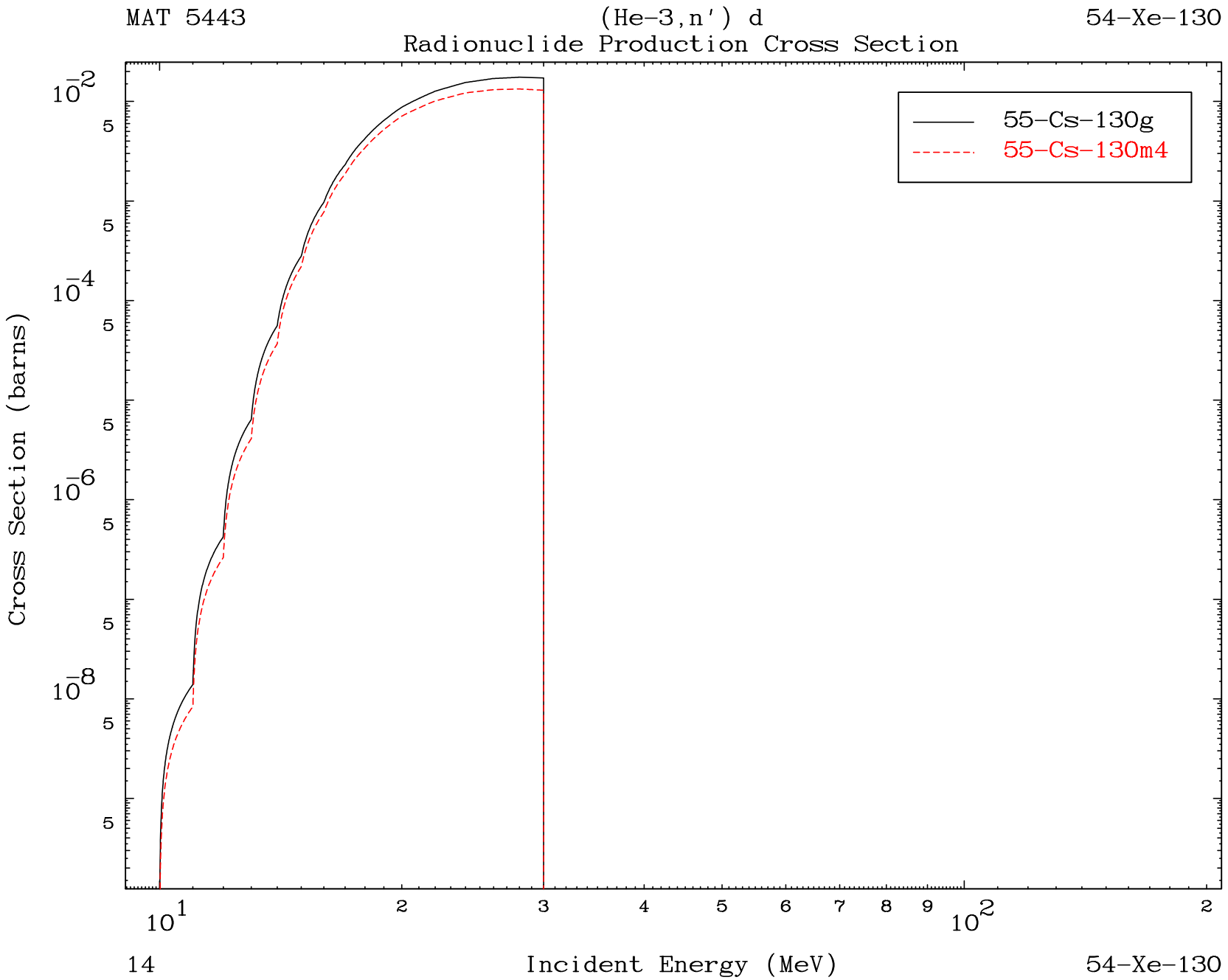

MAT 5443
(He-3,t) Levels
54-Xe-130
0 Kelvin Cross Sections
(He-3,t)
Cross Section (barns)
Incident Energy (MeV)
9
54-Xe-130

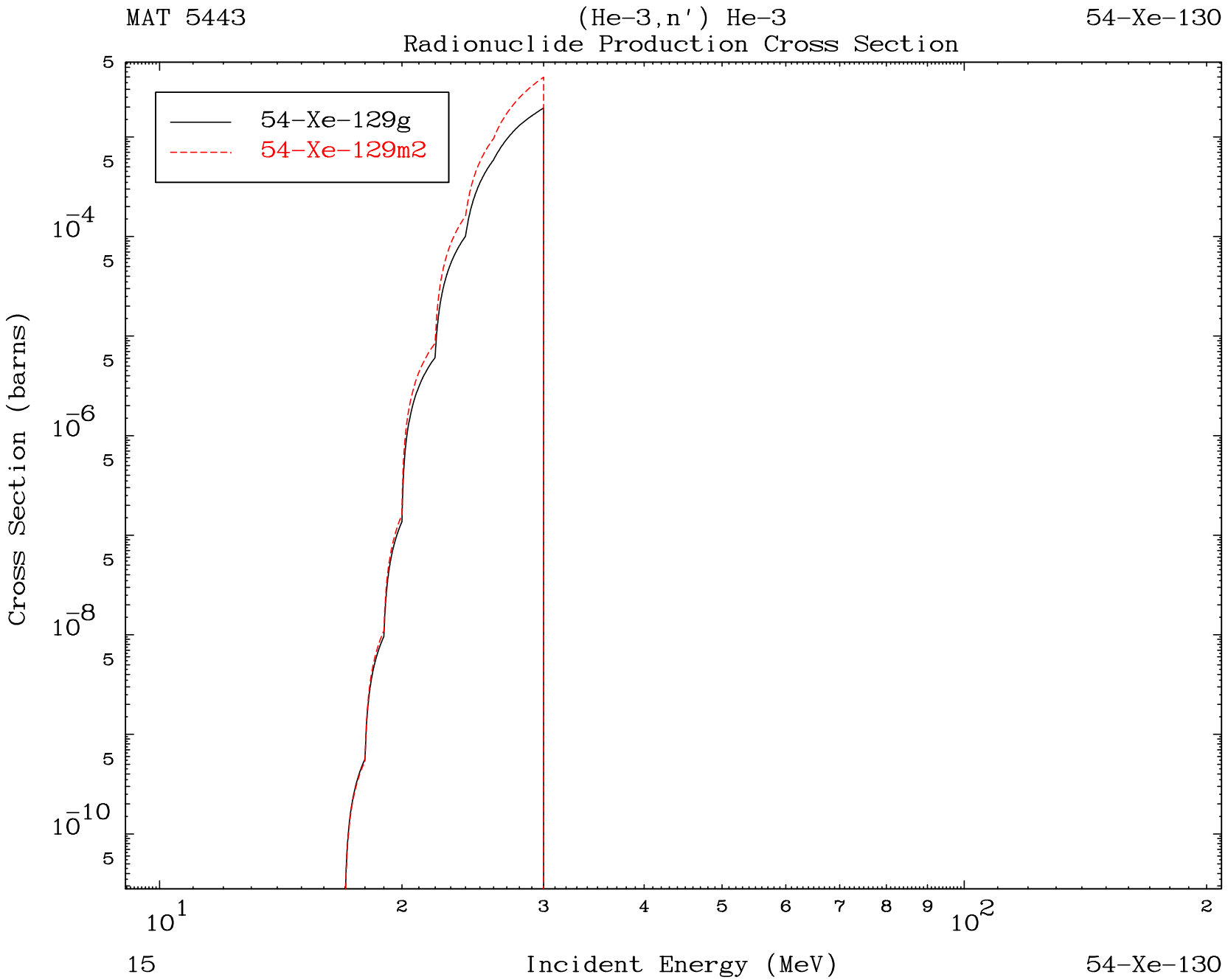

MAT 5443
(He-3,He3) Levels
54-Xe-130
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
Incident Energy (MeV)
54-Xe-130

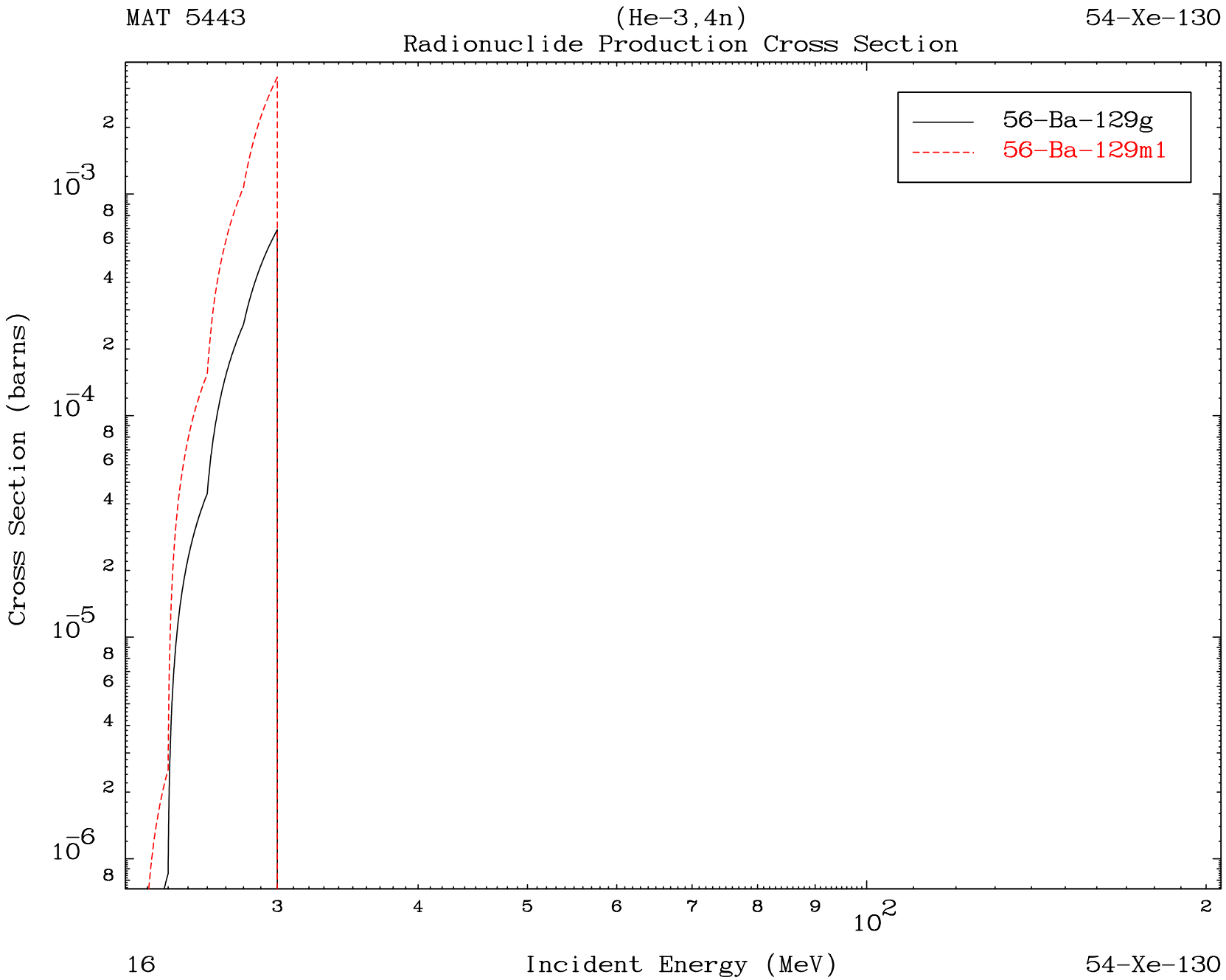

MAT 5443
(He-3,α) Levels
54-Xe-130
0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
Incident Energy (MeV)
11
54-Xe-130

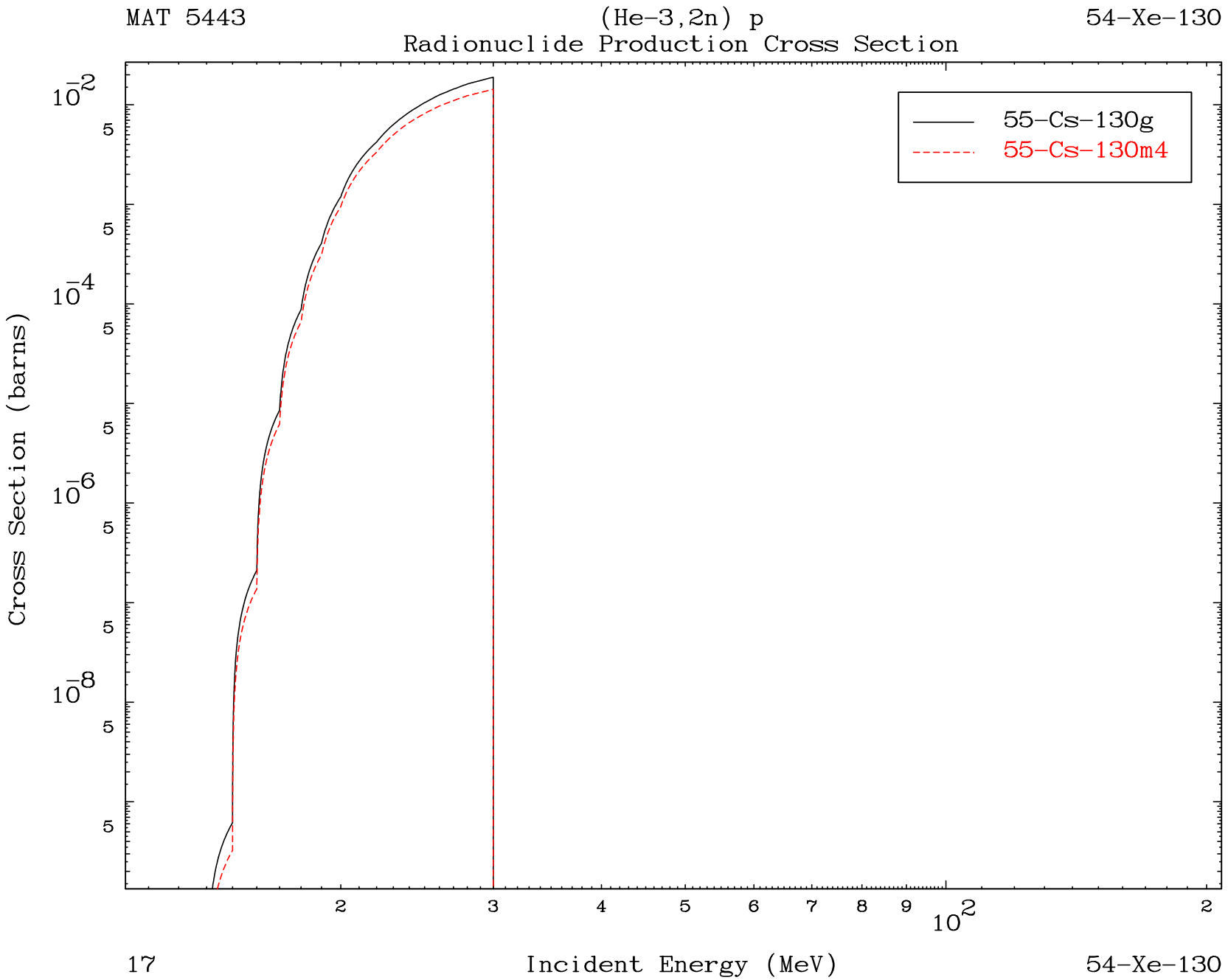

MAT 5443
(He-3,2n)
54-Xe-130
Radionuclide Production Cross Section
56-Ba-131g
56-Ba-131m2
Cross Section (barns)
Incident Energy (MeV)
12
54-Xe-130

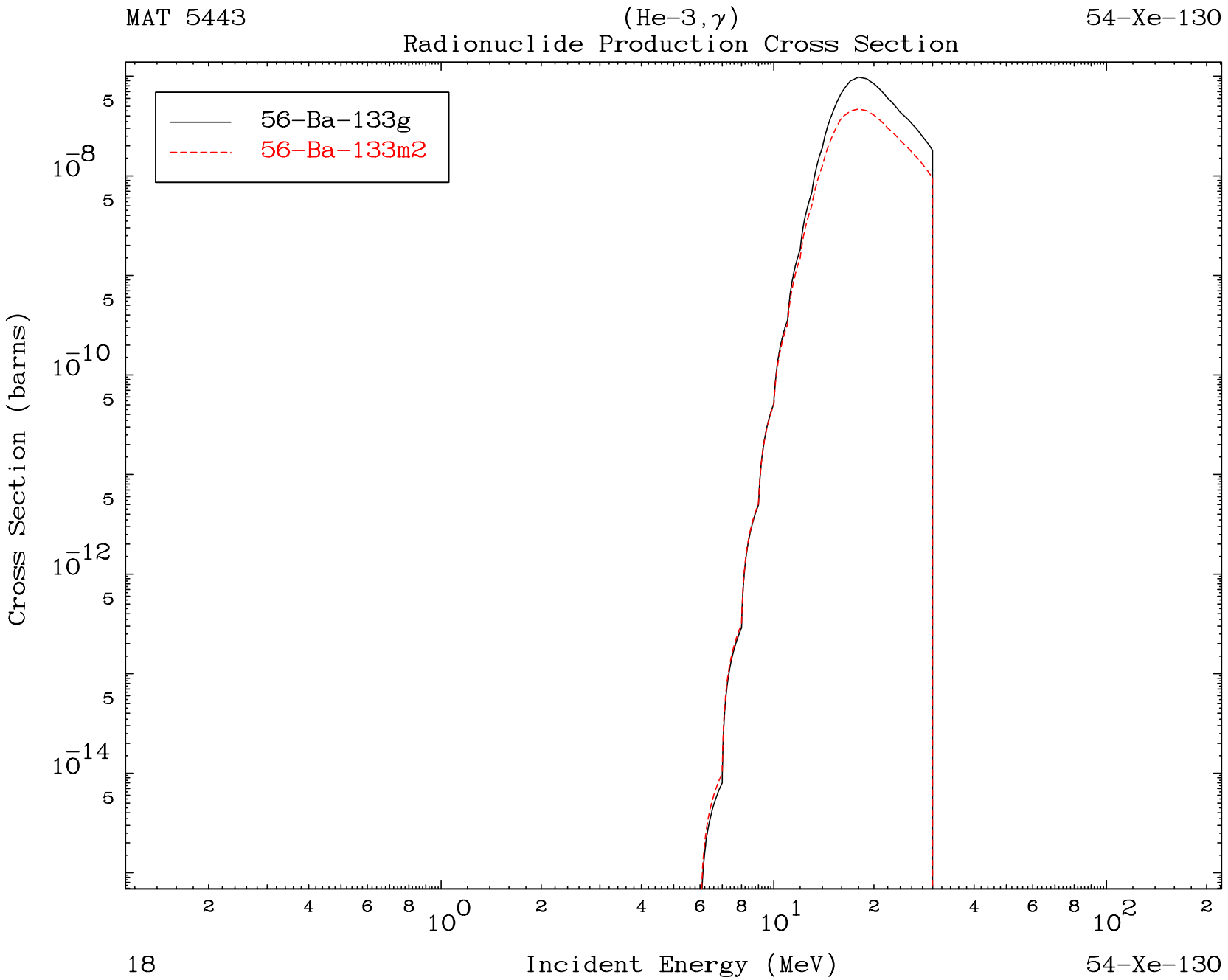

MAT 5443
(He-3,2n) α
54-Xe-130
Radionuclide Production Cross Section
54-Xe-127g
54-Xe-127m2
Cross Section (barns)
Incident Energy (MeV)
13
54-Xe-130

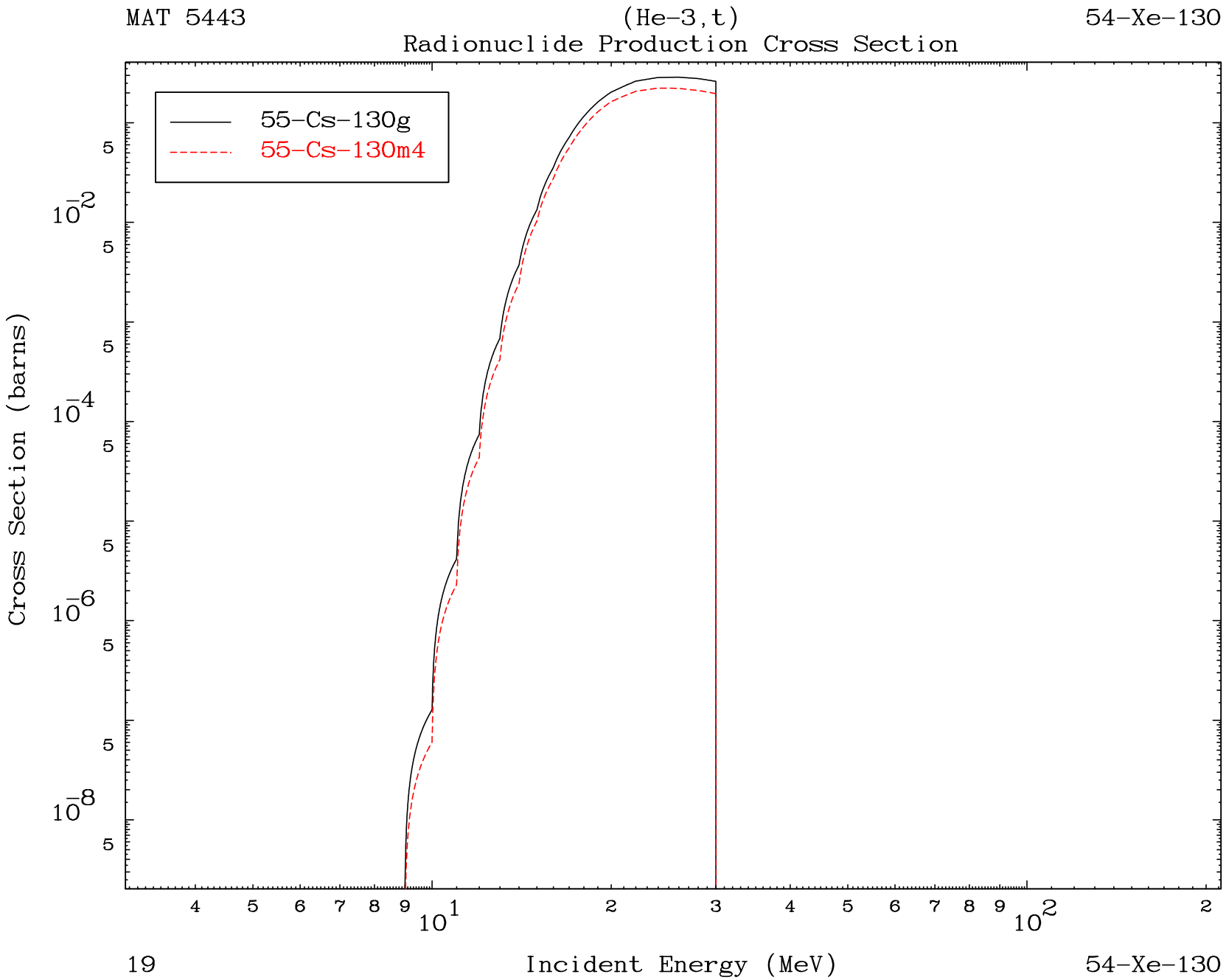

MAT 5443
(He-3,n') d
54-Xe-130
Radionuclide Production Cross Section
55-Cs-130g
55-Cs-130m4
Cross Section (barns)
Incident Energy (MeV)
14
54-Xe-130

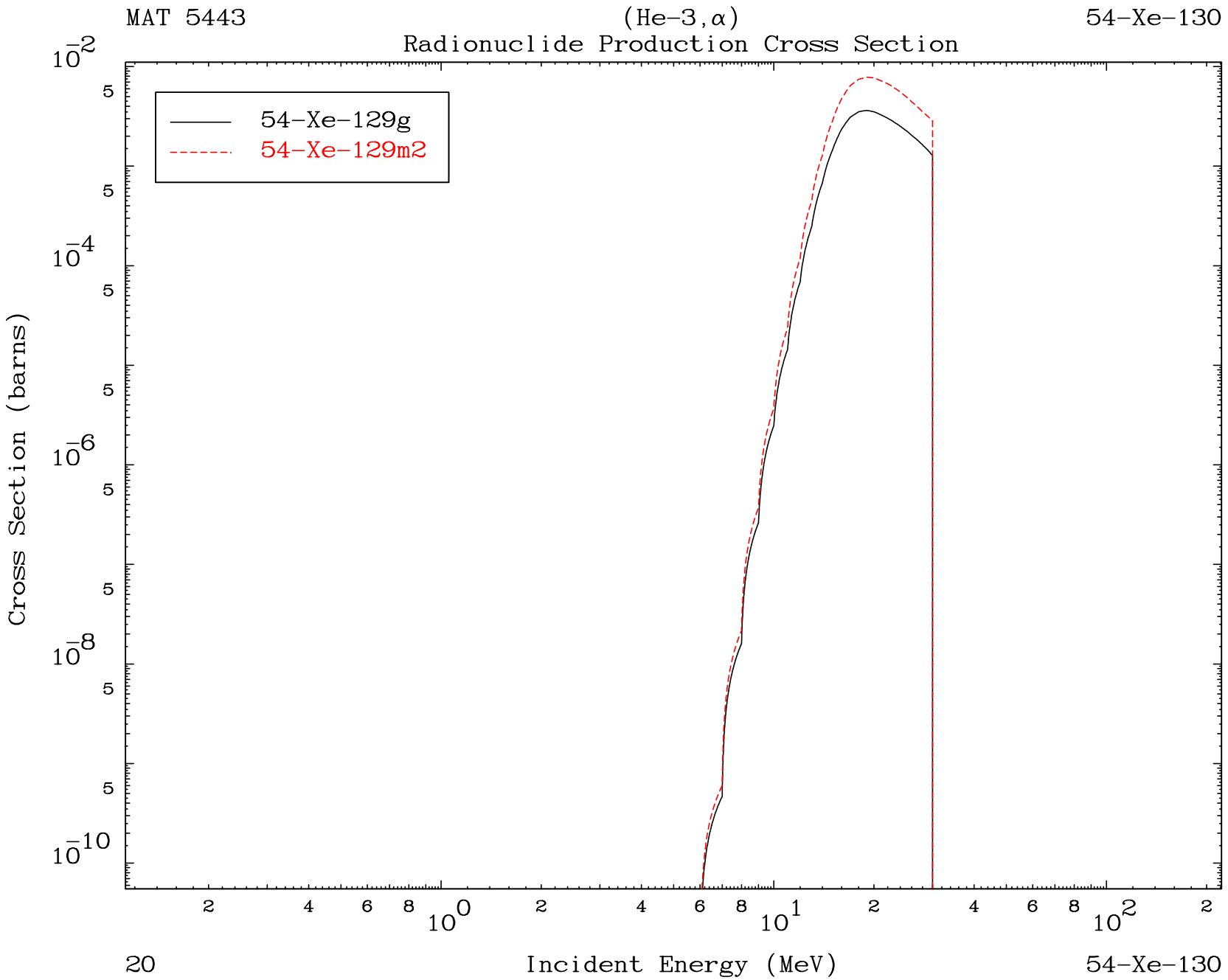

MAT 5443
(He-3,n') He-3
54-Xe-130
Radionuclide Production Cross Section
54-Xe-129g
54-Xe-129m2
Cross Section (barns)
Incident Energy (MeV)
15
54-Xe-130

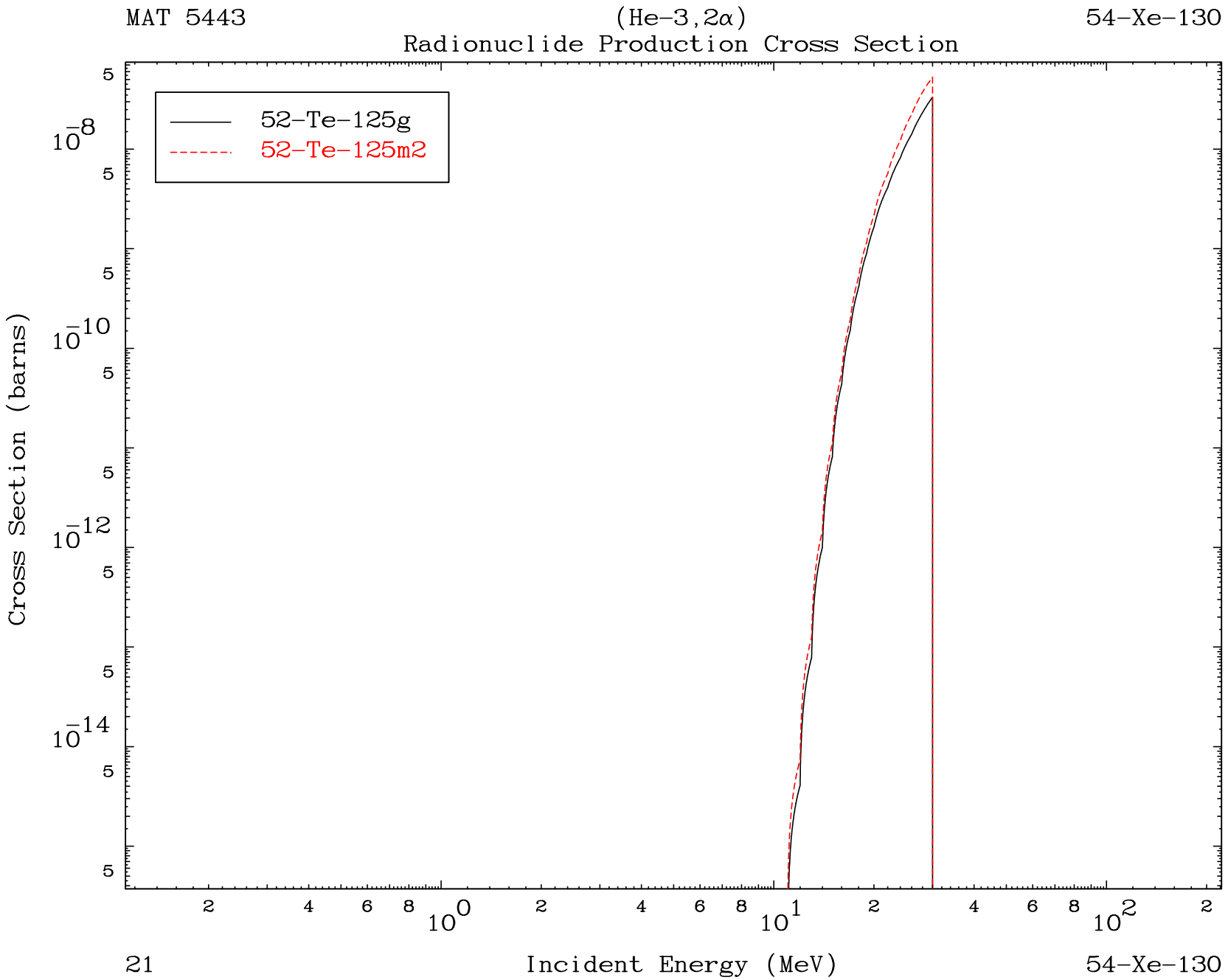

MAT 5443
(He-3,4n)
54-Xe-130
Radionuclide Production Cross Section
56-Ba-129g
56-Ba-129m1
Cross Section (barns)
10-3
10-4
10-5
10-6
2
8
6
4
3
5
7
9
10^2
Incident Energy (MeV)
16
54-Xe-130

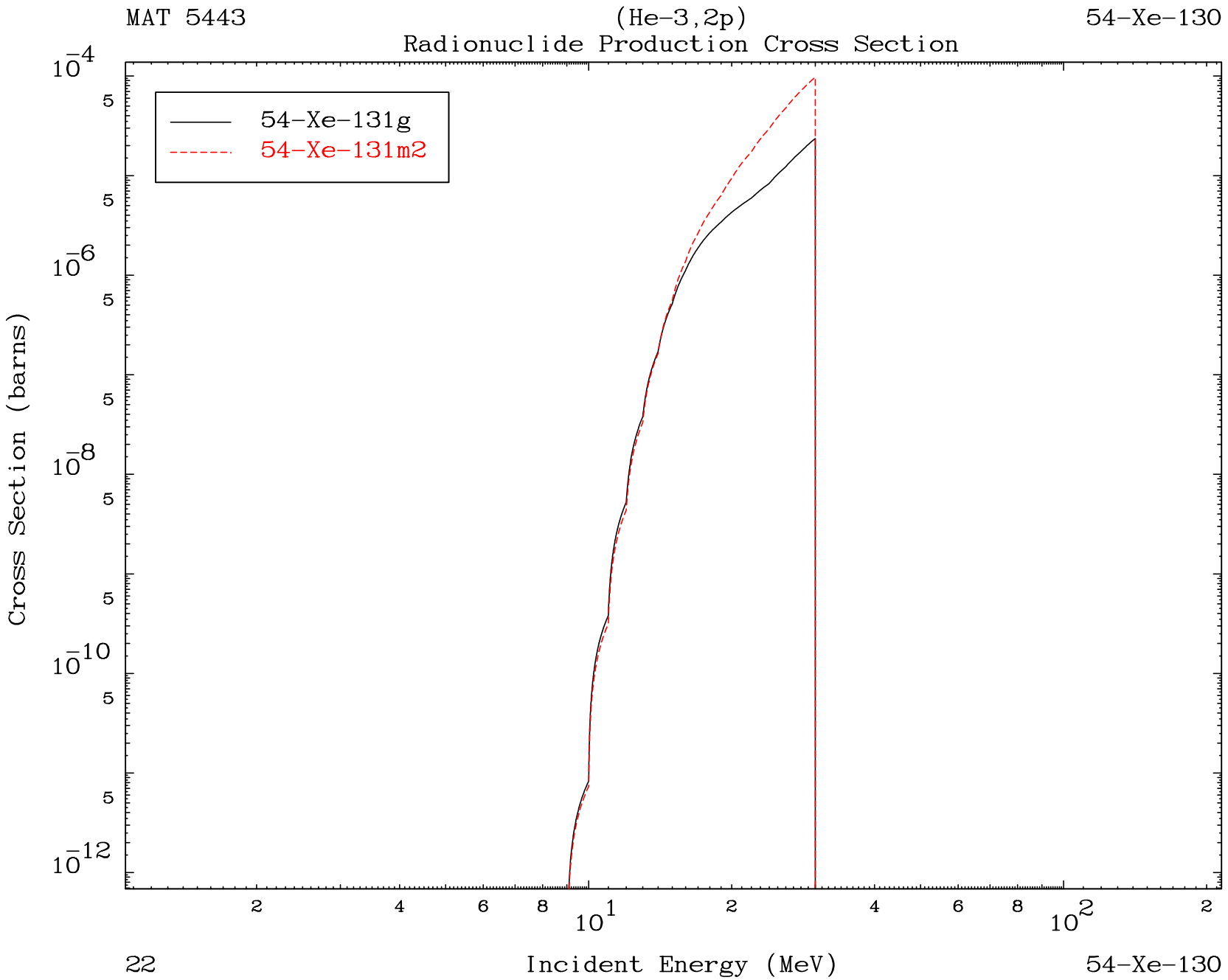

MAT 5443
(He-3,2n) p
54-Xe-130
Radionuclide Production Cross Section
55-Cs-130g
55-Cs-130m4
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
54-Xe-130

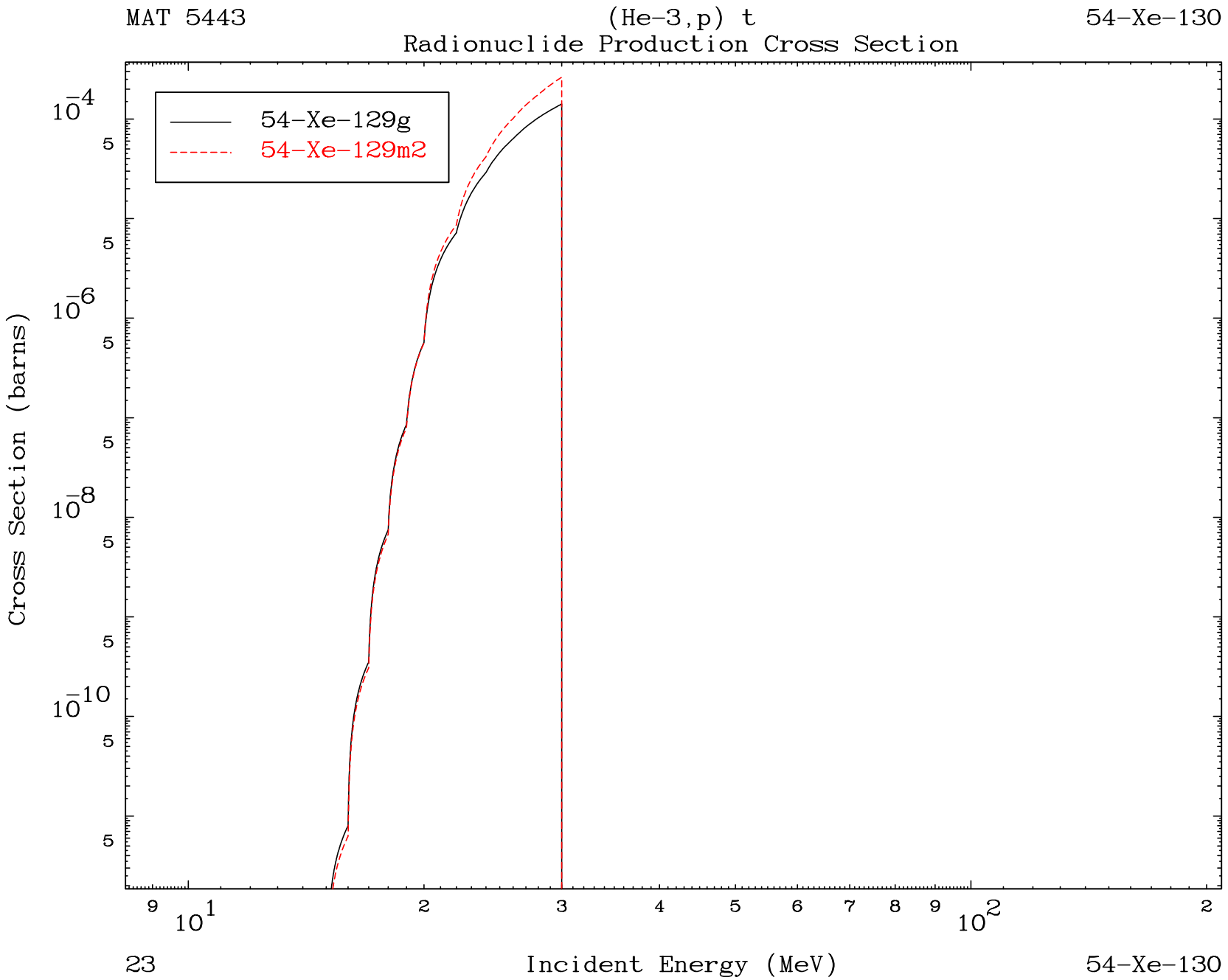

MAT 5443
(He-3,γ)
54-Xe-130
Radionuclide Production Cross Section
56-Ba-133g
56-Ba-133m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
10^0
10^1
10^2
Incident Energy (MeV)
18
54-Xe-130


MAT 5443
(He-3,t)
54-Xe-130
Radionuclide Production Cross Section
55-Cs-130g
55-Cs-130m4
Cross Section (barns)
10-2
10-4
10-6
10-8
4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
19
Incident Energy (MeV)
54-Xe-130


MAT 5443
(He-3,α)
54-Xe-130
Radionuclide Production Cross Section
54-Xe-129g
54-Xe-129m2
Cross Section (barns)
Incident Energy (MeV)
20
54-Xe-130


MAT 5443
(He-3,2α)
54-Xe-130
Radionuclide Production Cross Section
52-Te-125g
52-Te-125m2
Cross Section (barns)
Incident Energy (MeV)
21
54-Xe-130


MAT 5443
(He-3,2p)
54-Xe-130
Radionuclide Production Cross Section
54-Xe-131g
54-Xe-131m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
2
4
6
8
10^1
2
4
6
8
10^2
2
22
Incident Energy (MeV)
54-Xe-130


MAT 5443
(He-3,p) t
54-Xe-130
Radionuclide Production Cross Section
54-Xe-129g
54-Xe-129m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
23
Incident Energy (MeV)
54-Xe-130