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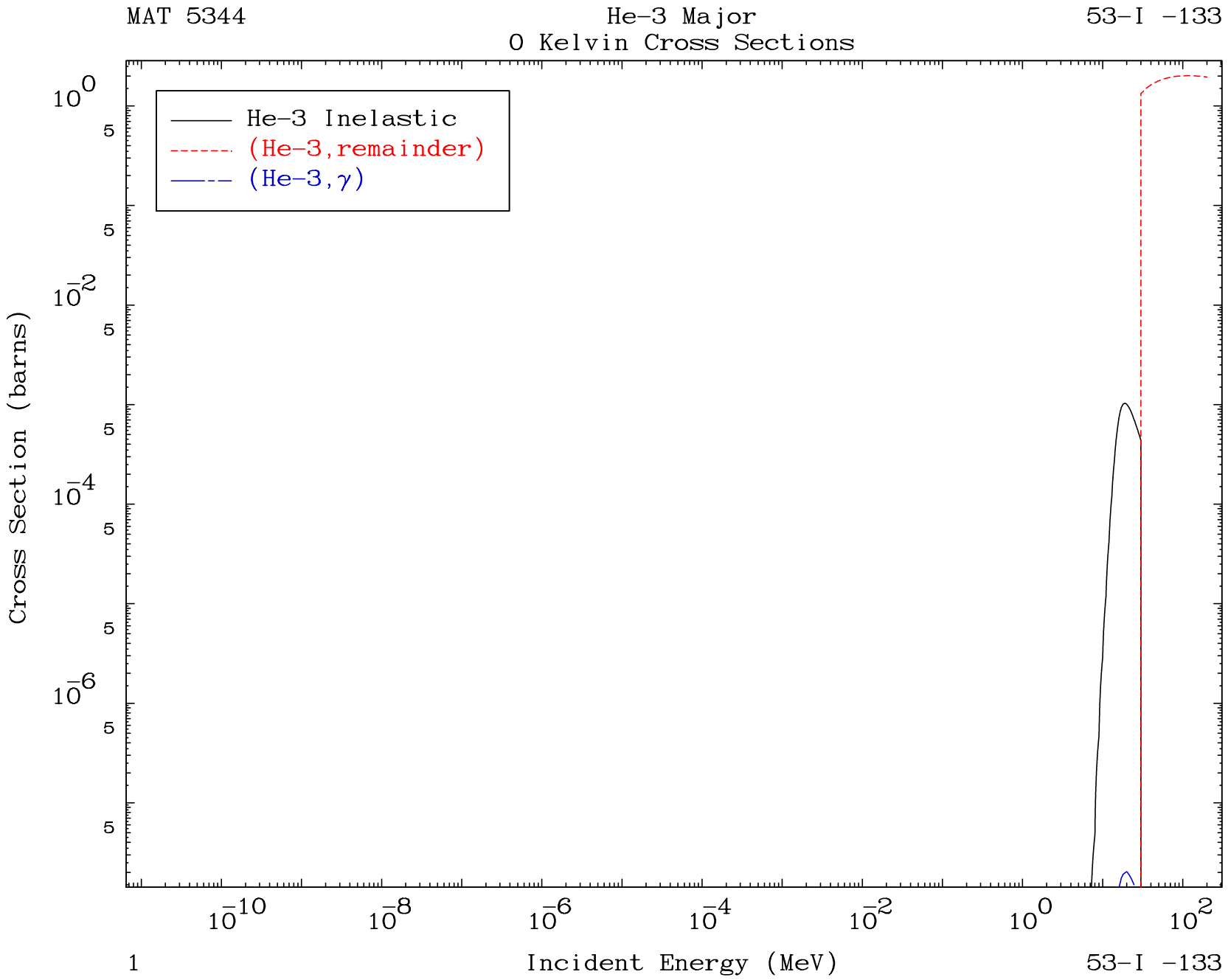
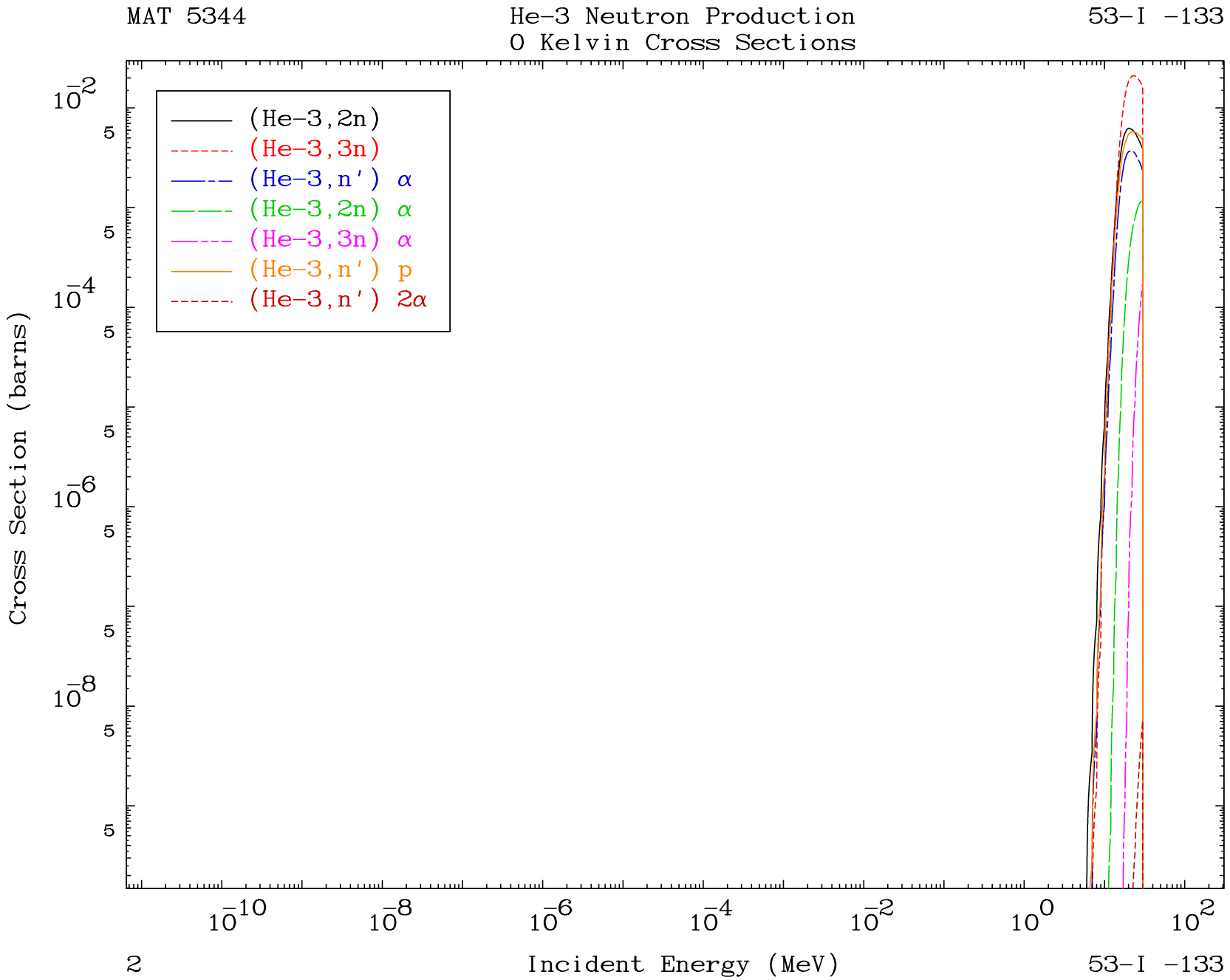
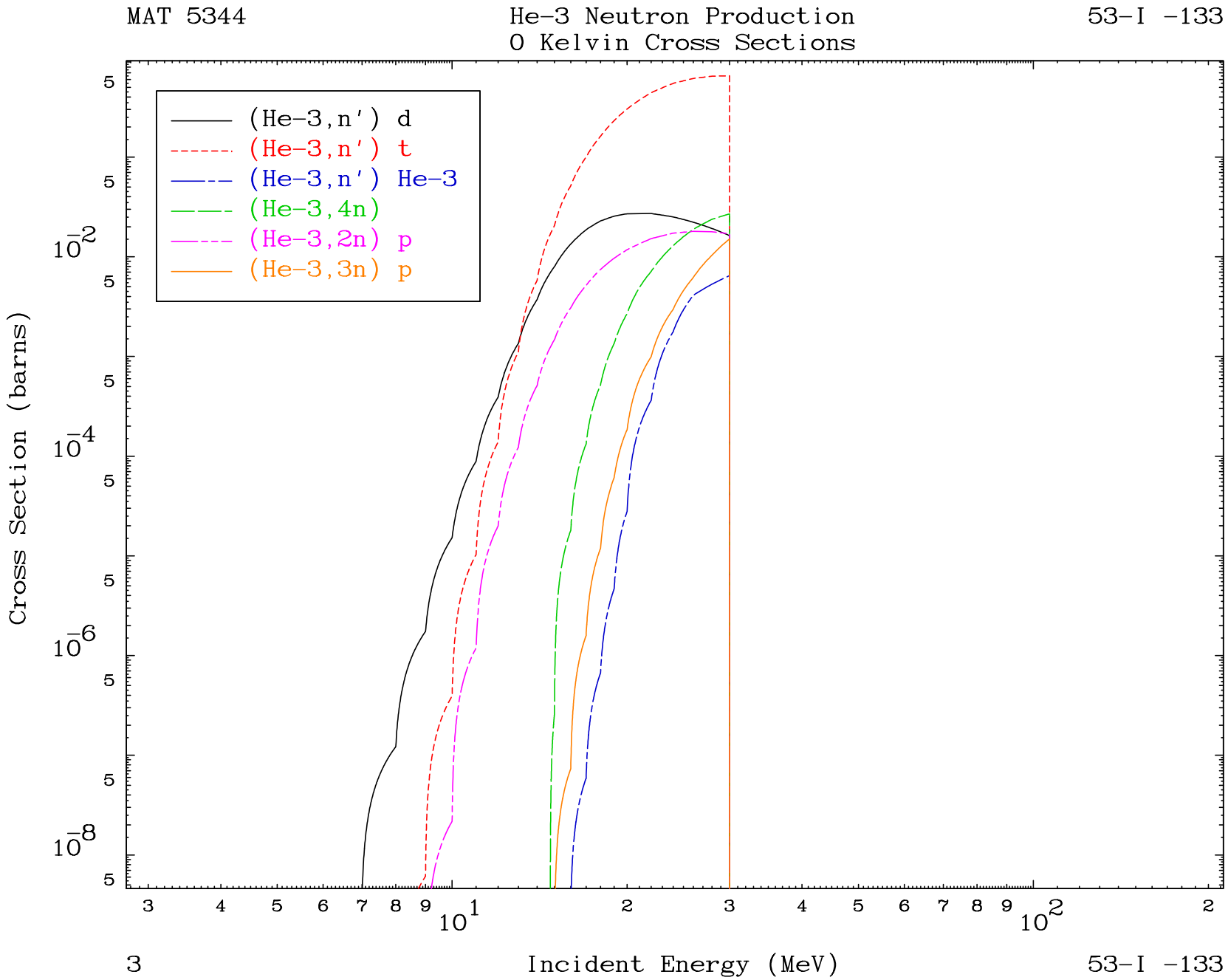
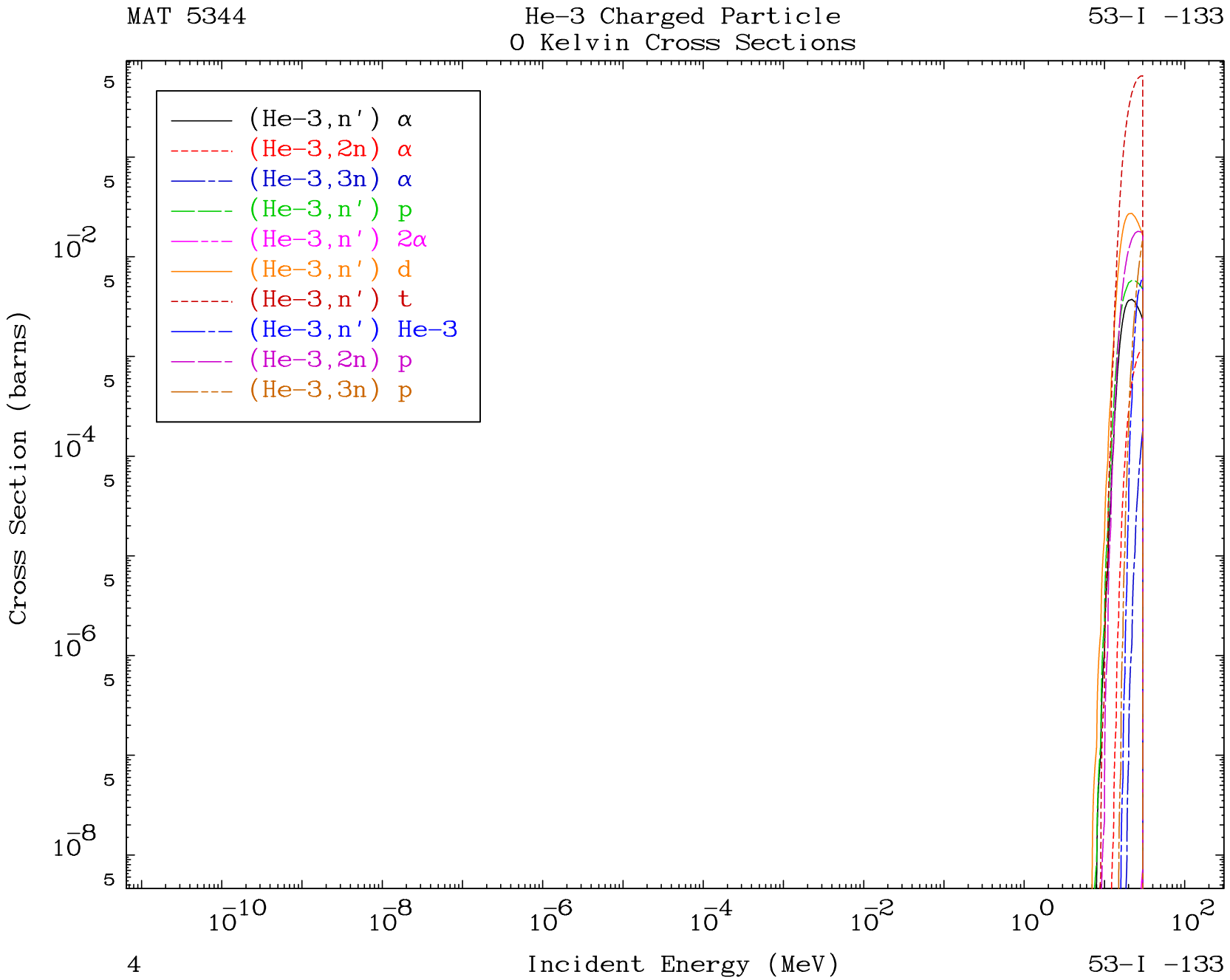
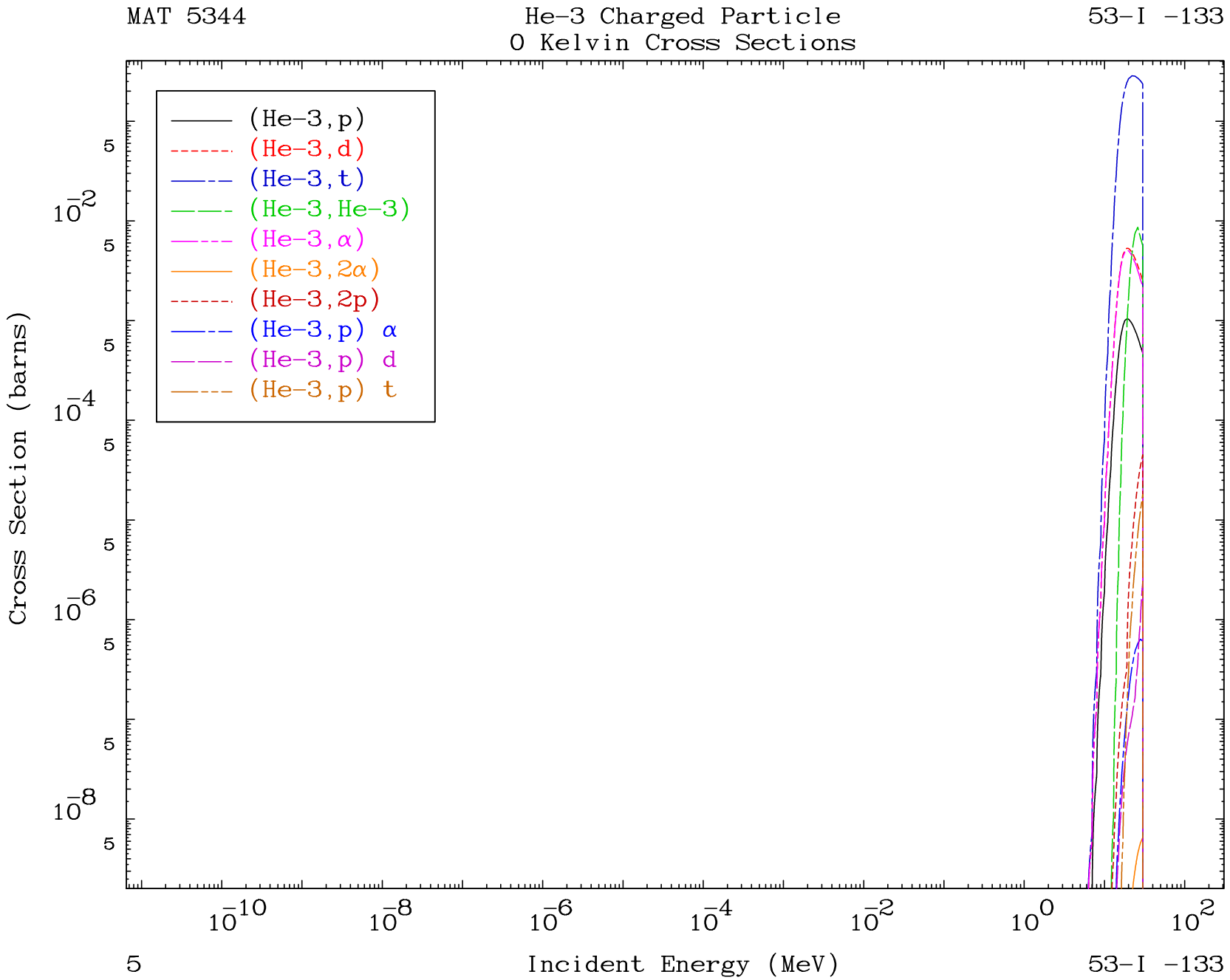
Press Mouse Button to Start


MAT 5344
He-3 Major
53-I -133
0 Kelvin Cross Sections
He-3 Inelastic
(He-3,remainder)
(He-3,γ)
Cross Section (barns)
Incident Energy (MeV)
1
53-I -133

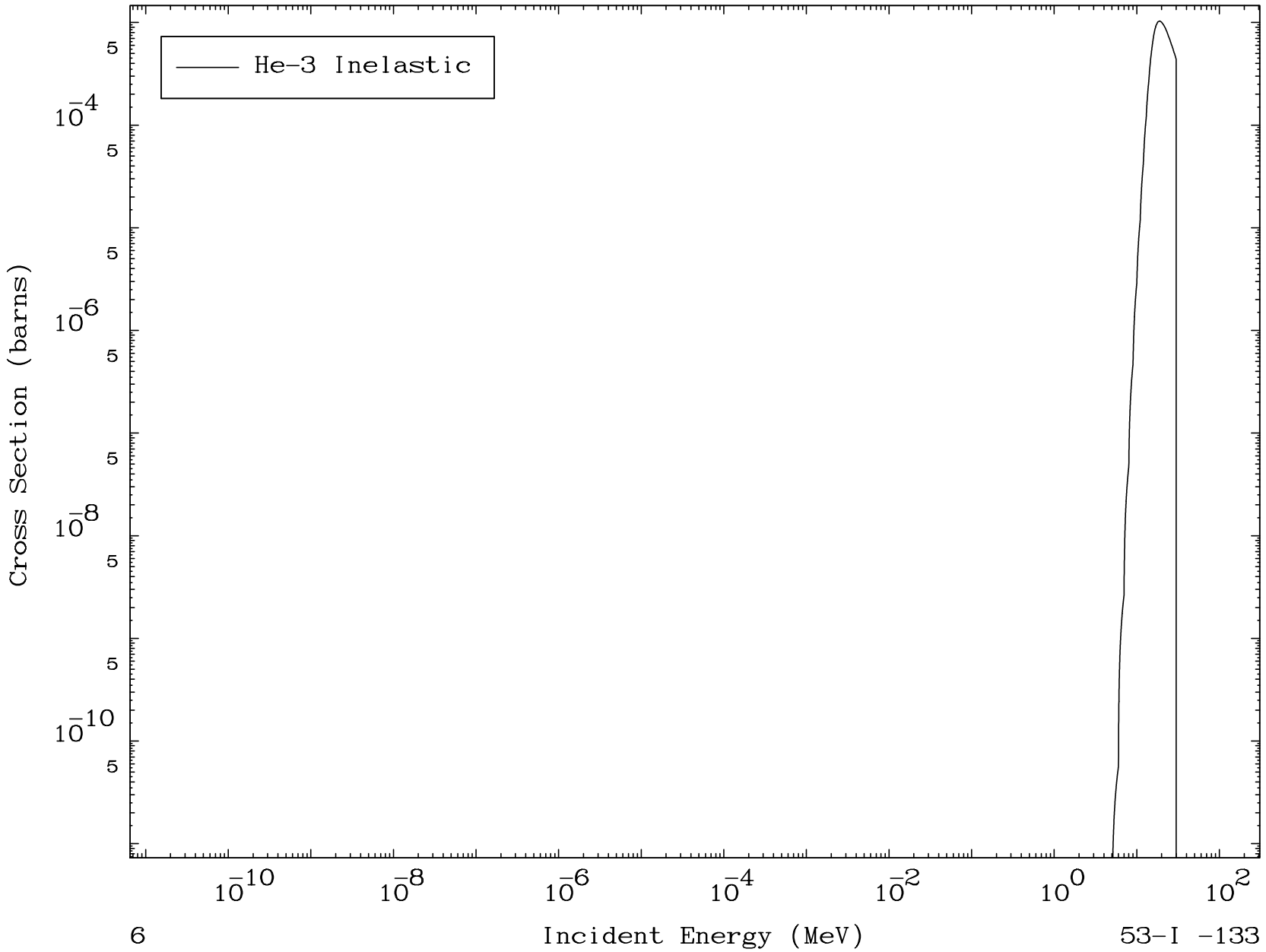

MAT 5344
He-3 Neutron Production
0 Kelvin Cross Sections
53-I -133
(He-3,2n)
(He-3,3n)
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
53-I -133

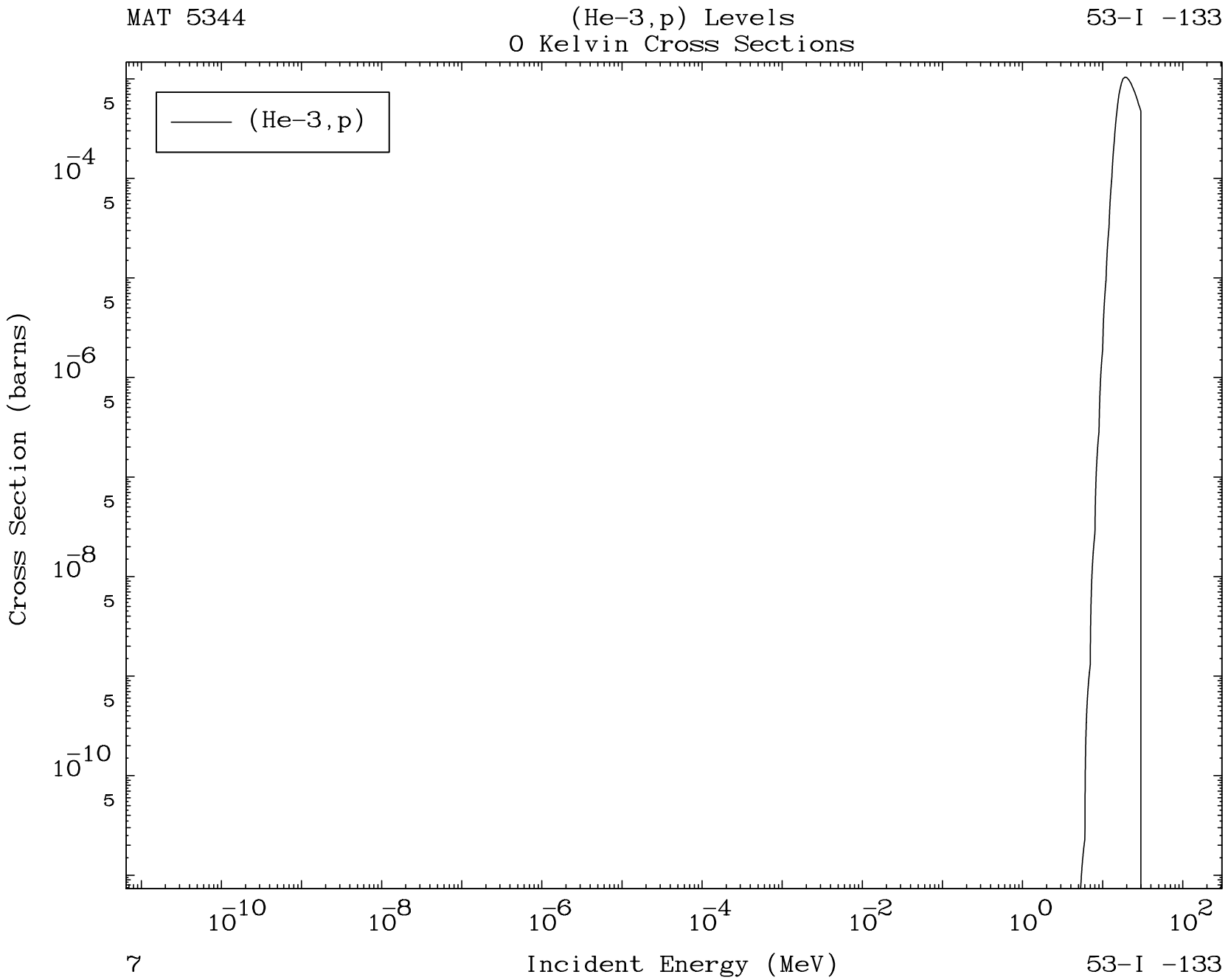

MAT 5344
He-3 Neutron Production
0 Kelvin Cross Sections
53-I -133
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,4n)
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
53-I -133

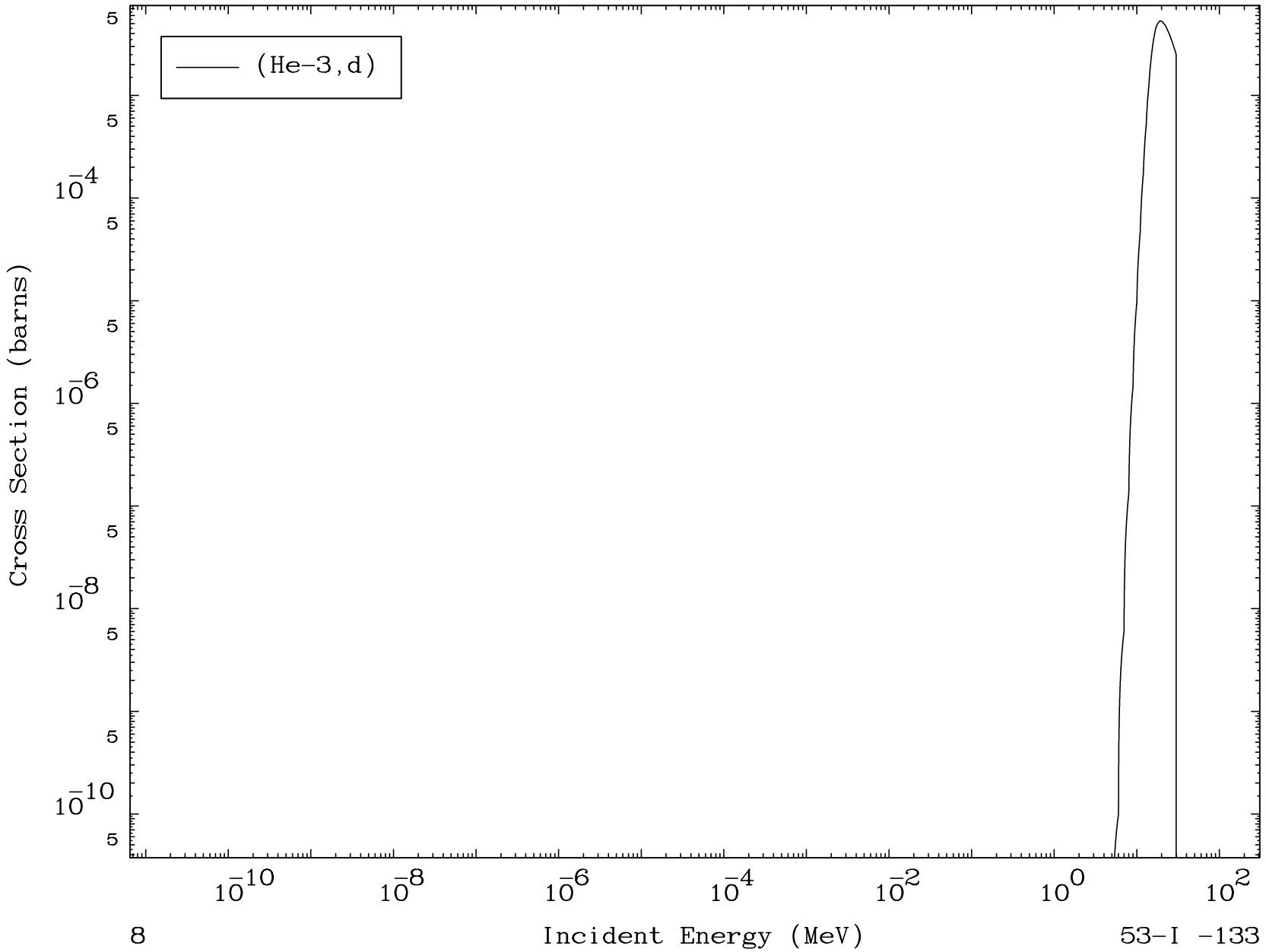

MAT 5344
He-3 Charged Particle
0 Kelvin Cross Sections
53-I -133
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') 2α
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
53-I -133

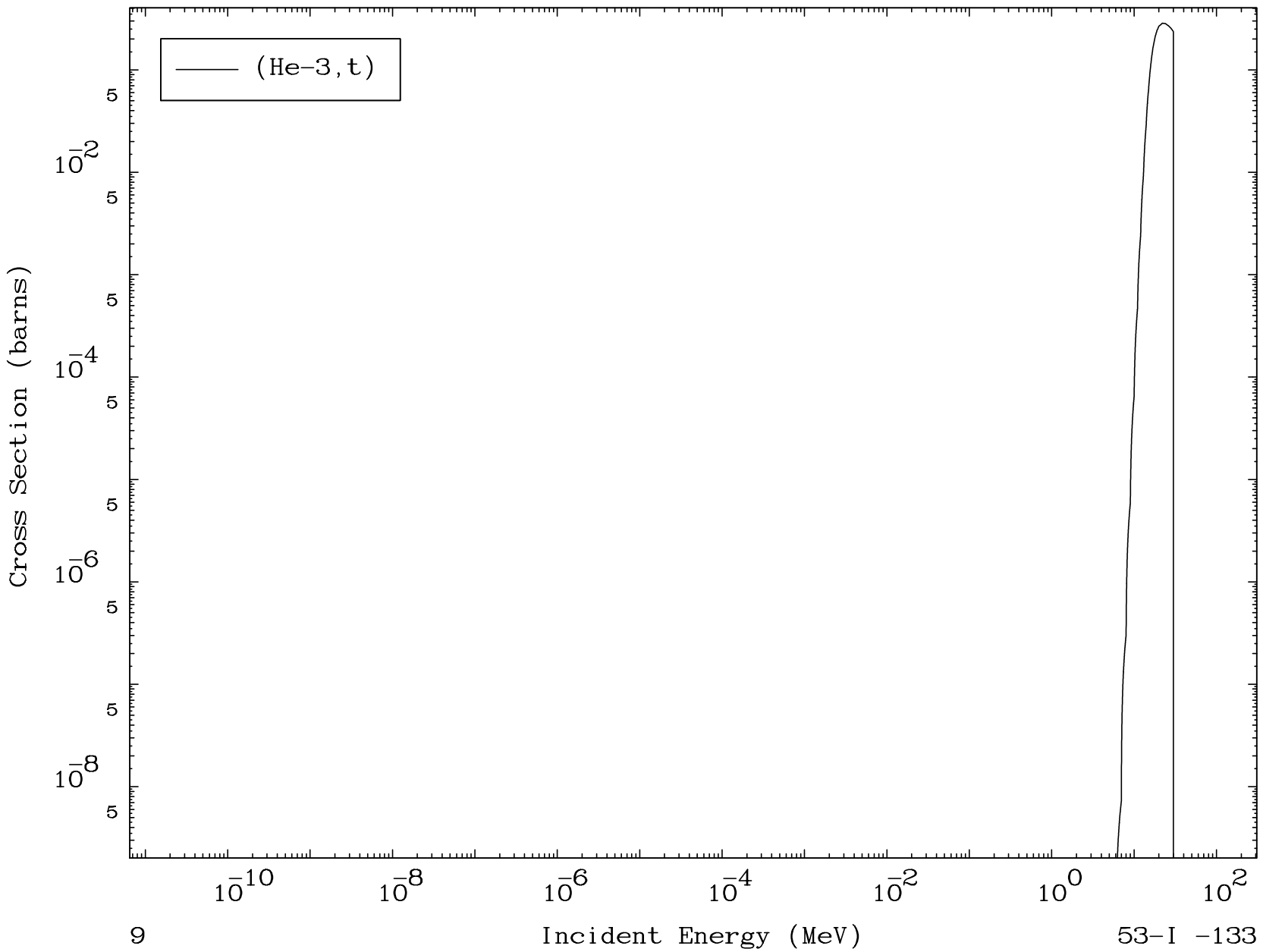

MAT 5344
He-3 Charged Particle
0 Kelvin Cross Sections
53-I -133
(He-3,p)
(He-3,d)
(He-3,t)
(He-3,He-3)
(He-3,α)
(He-3,2α)
(He-3,2p)
(He-3,p) α
(He-3,p) d
(He-3,p) t
Cross Section (barns)
Incident Energy (MeV)
53-I -133

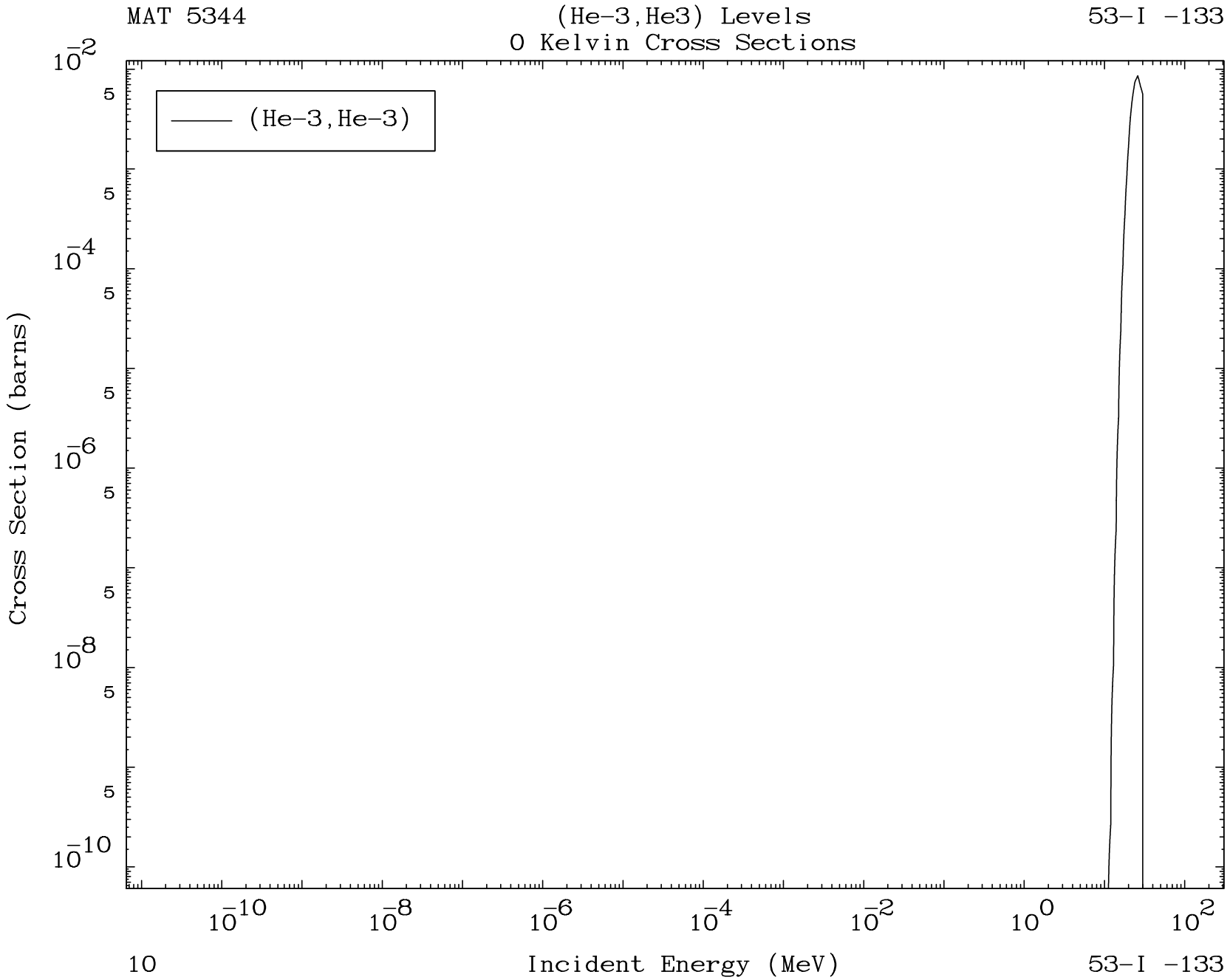
0 Kelvin Cross Sections

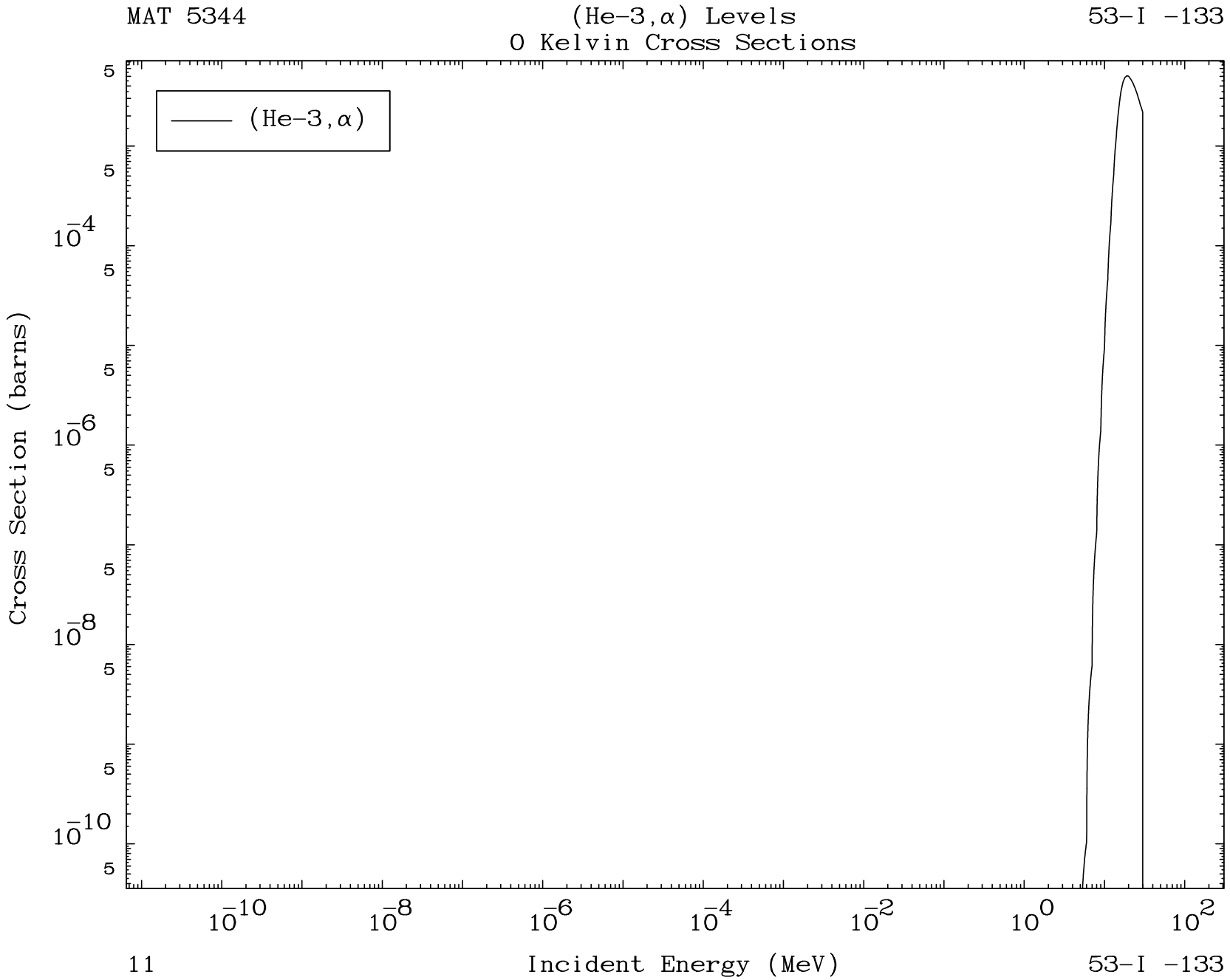


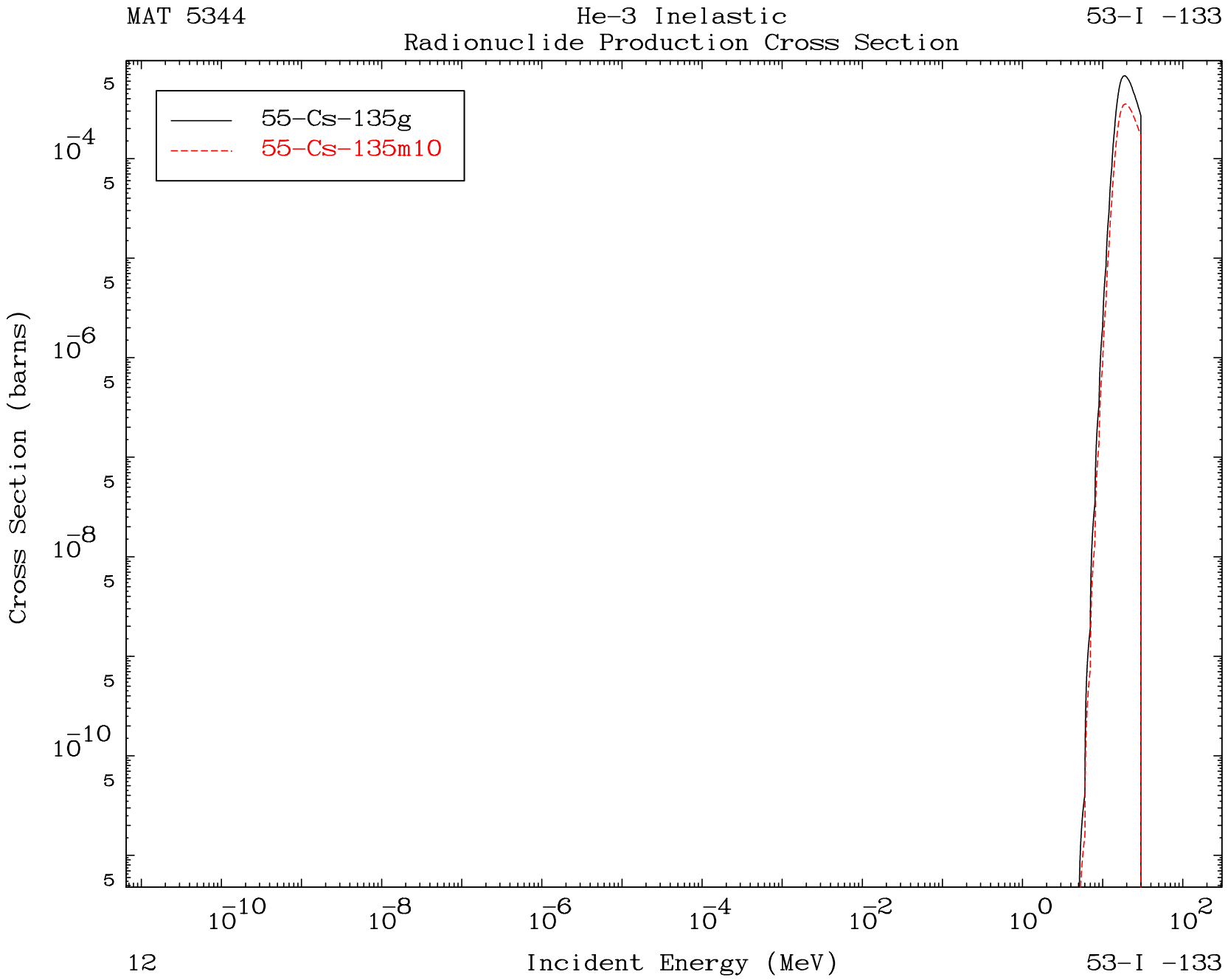

MAT 5344
(He-3,p) Levels
53-I -133
0 Kelvin Cross Sections
(He-3,p)
Cross Section (barns)
Incident Energy (MeV)
7
53-I -133

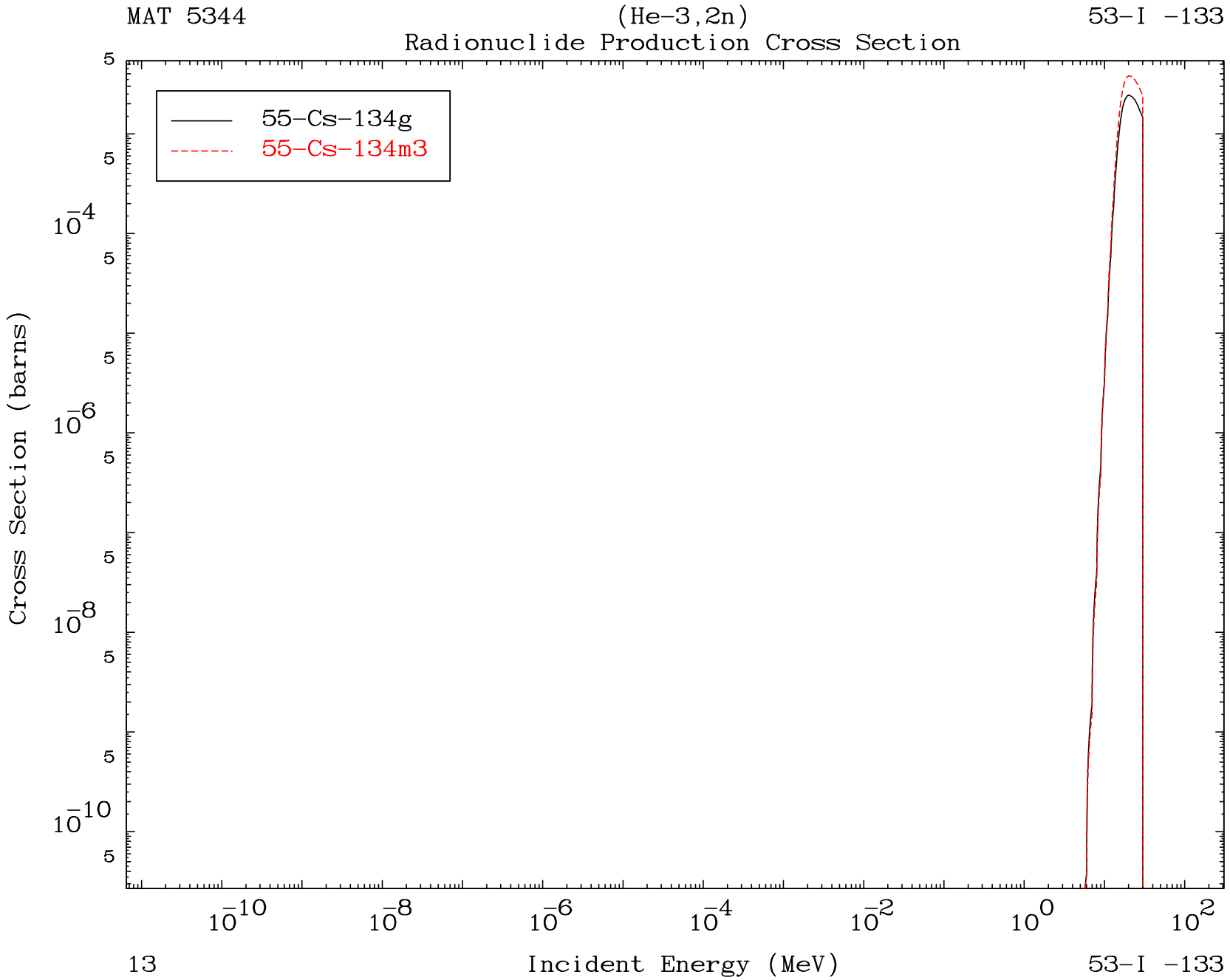

0 Kelvin Cross Sections
(He-3,d)
Cross Section (barns)
5
5
10^-4
5
10^-6
5
10^-8
5
10^-10
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
Incident Energy (MeV)

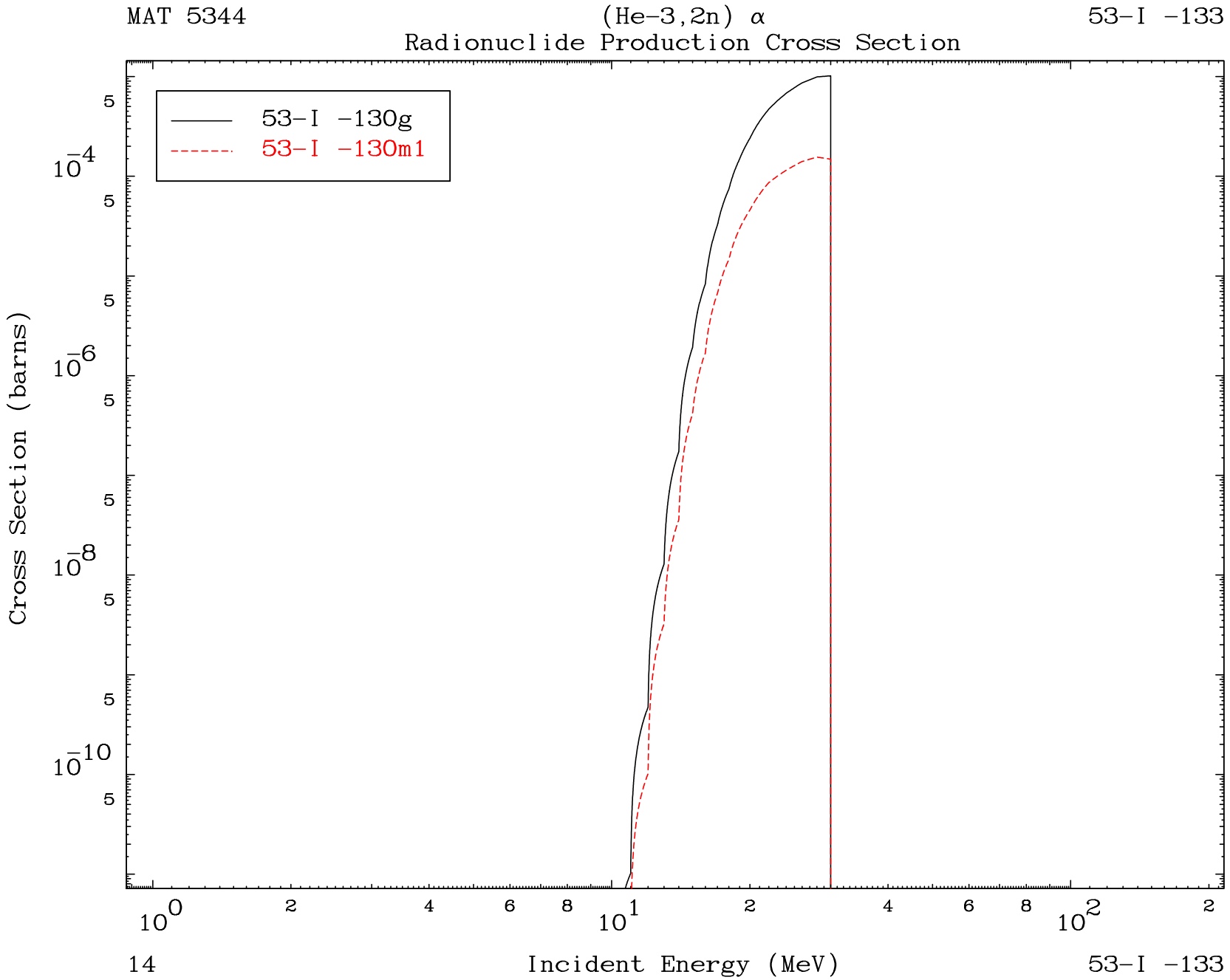

0 Kelvin Cross Sections
(He-3,t)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
10^0
10^2
Incident Energy (MeV)

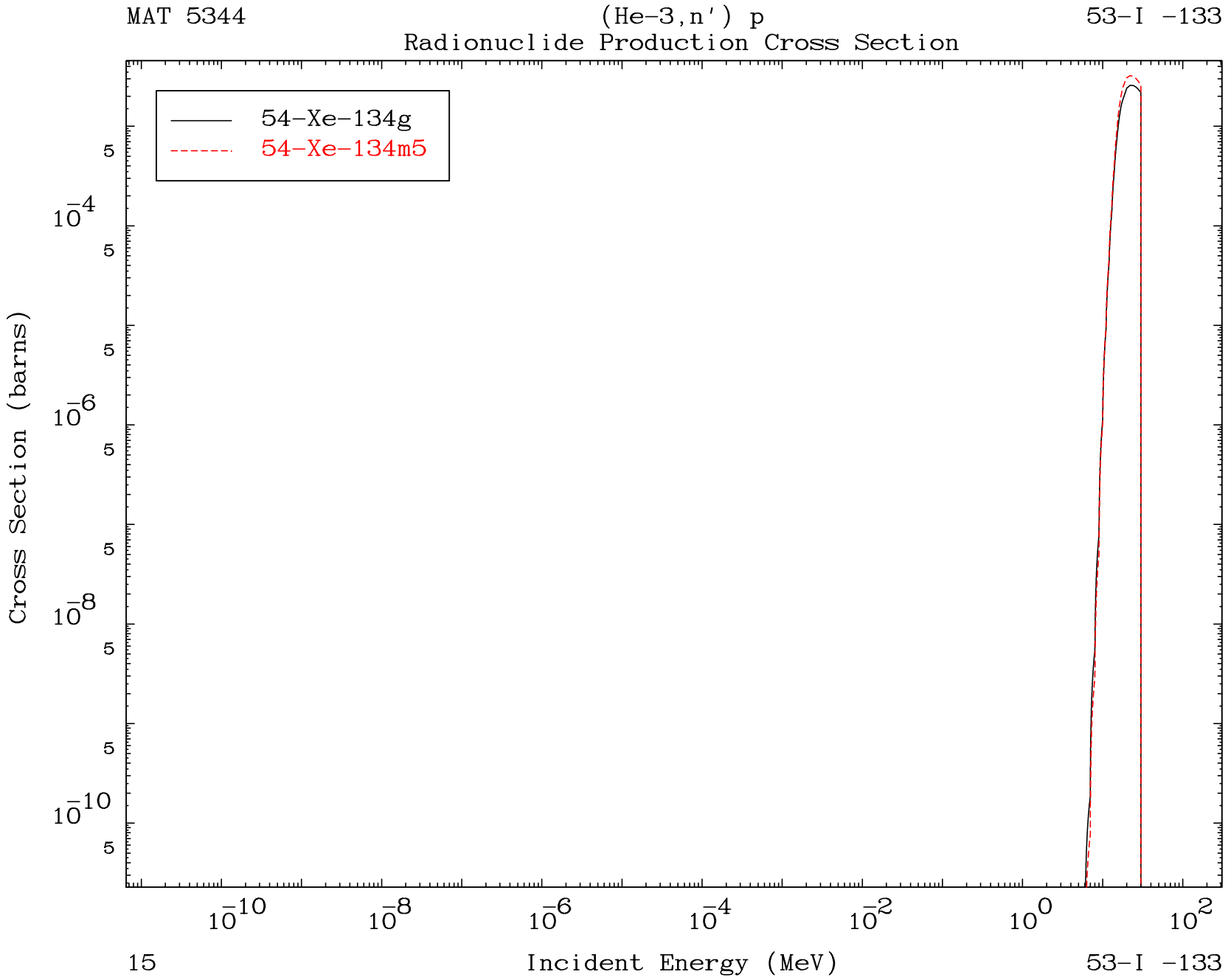

MAT 5344
(He-3,He3) Levels
53-I -133
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
53-I -133

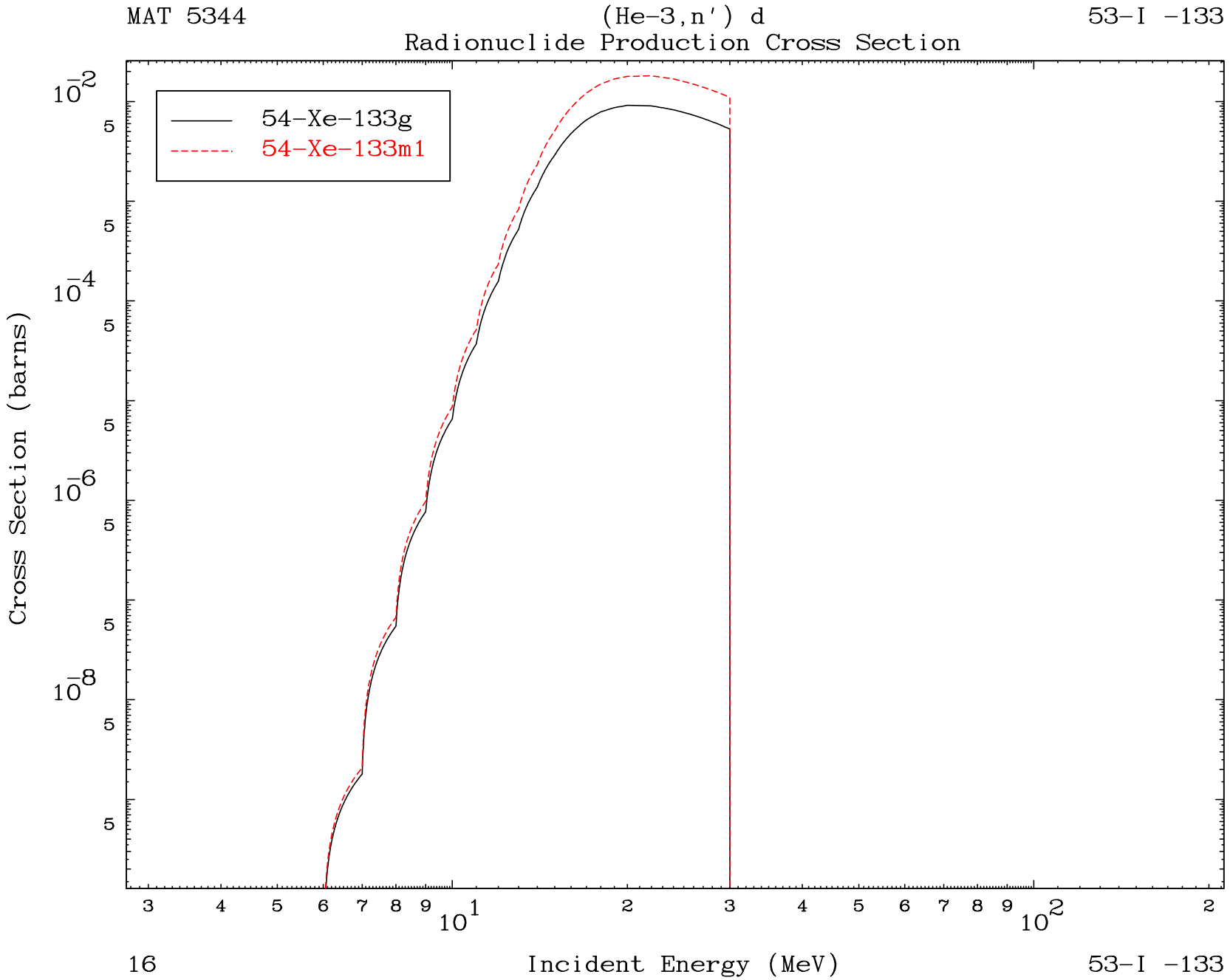

MAT 5344
(He-3,α) Levels
53-I -133
0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
Incident Energy (MeV)
11
53-I -133

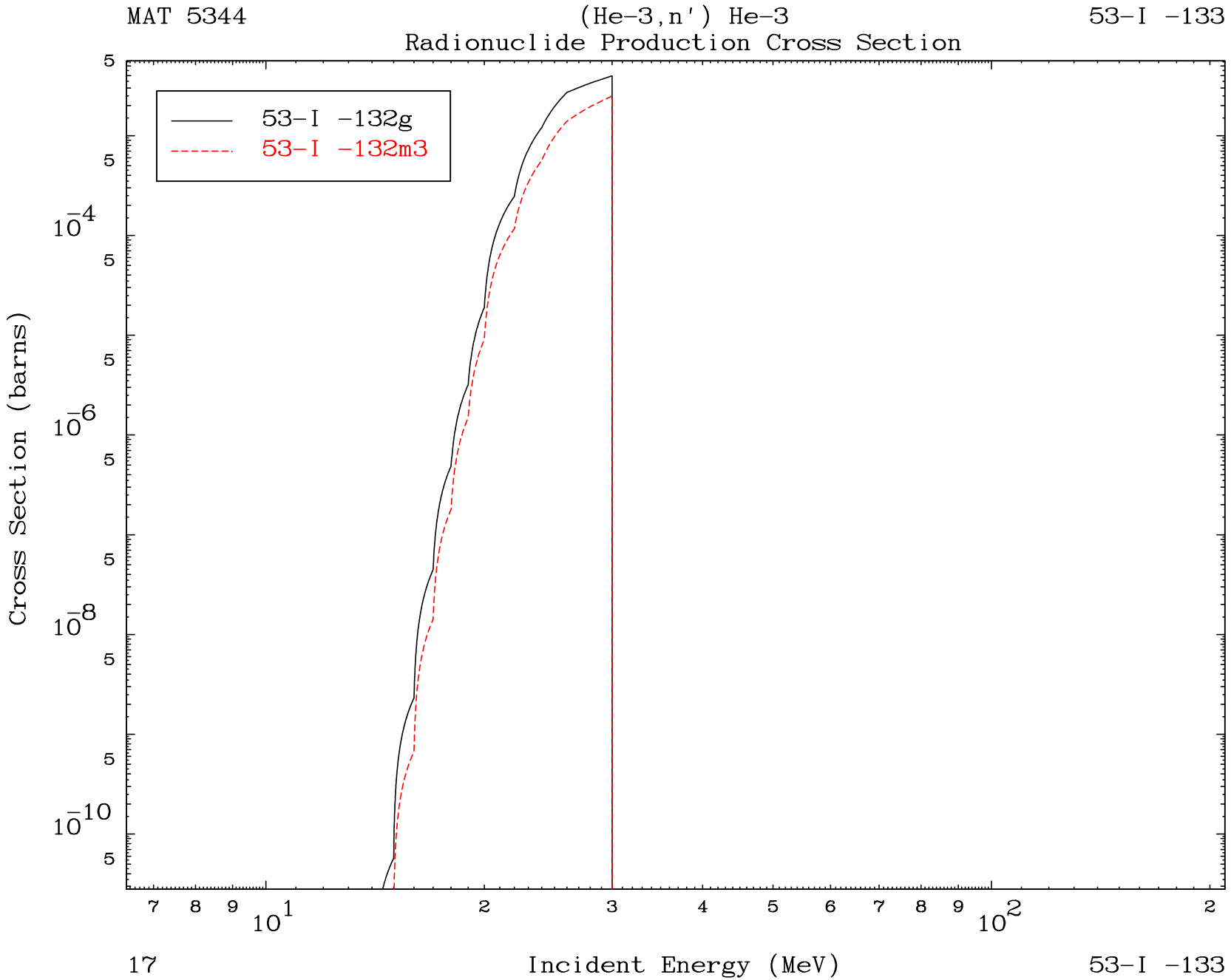

MAT 5344
He-3 Inelastic
53-I -133
Radionuclide Production Cross Section
55-Cs-135g
55-Cs-135m10
Cross Section (barns)
Incident Energy (MeV)
12
53-I -133

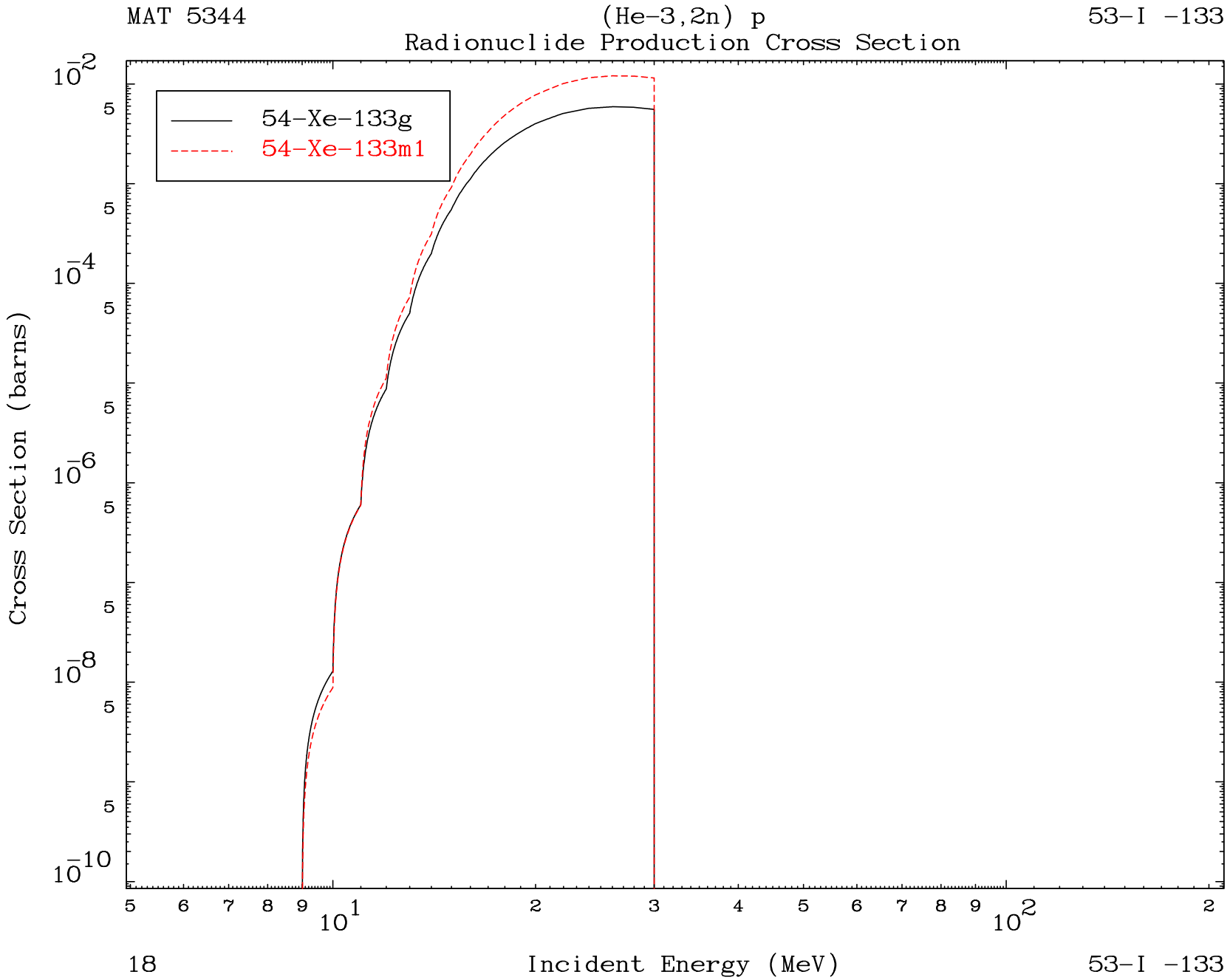

MAT 5344
(He-3,2n)
53-I -133
Radionuclide Production Cross Section
55-Cs-134g
55-Cs-134m3
Cross Section (barns)
Incident Energy (MeV)
13
53-I -133

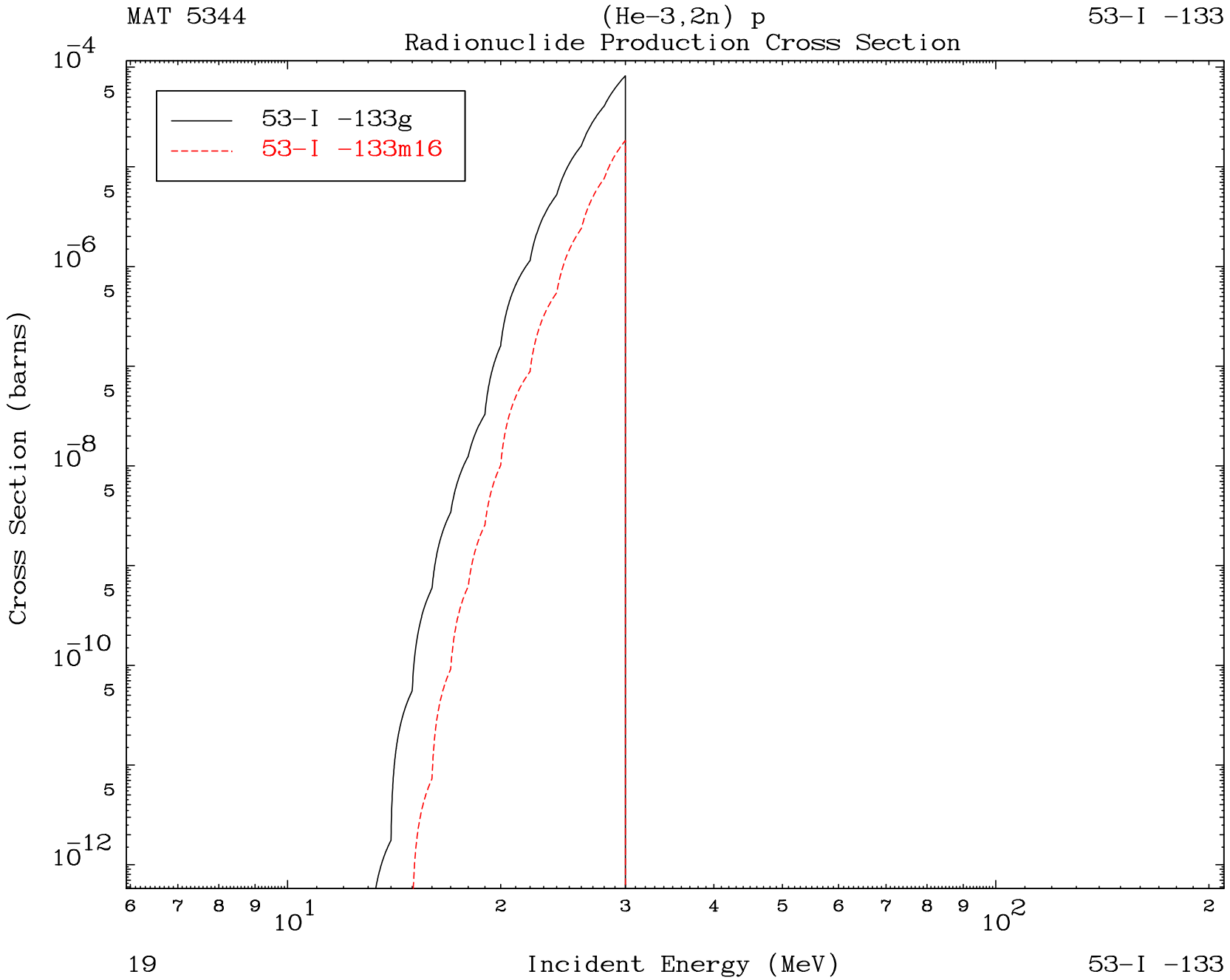

MAT 5344
(He-3,2n) α
53-I -133
Radionuclide Production Cross Section
53-I -130g
53-I -130m1
Cross Section (barns)
Incident Energy (MeV)
14
53-I -133

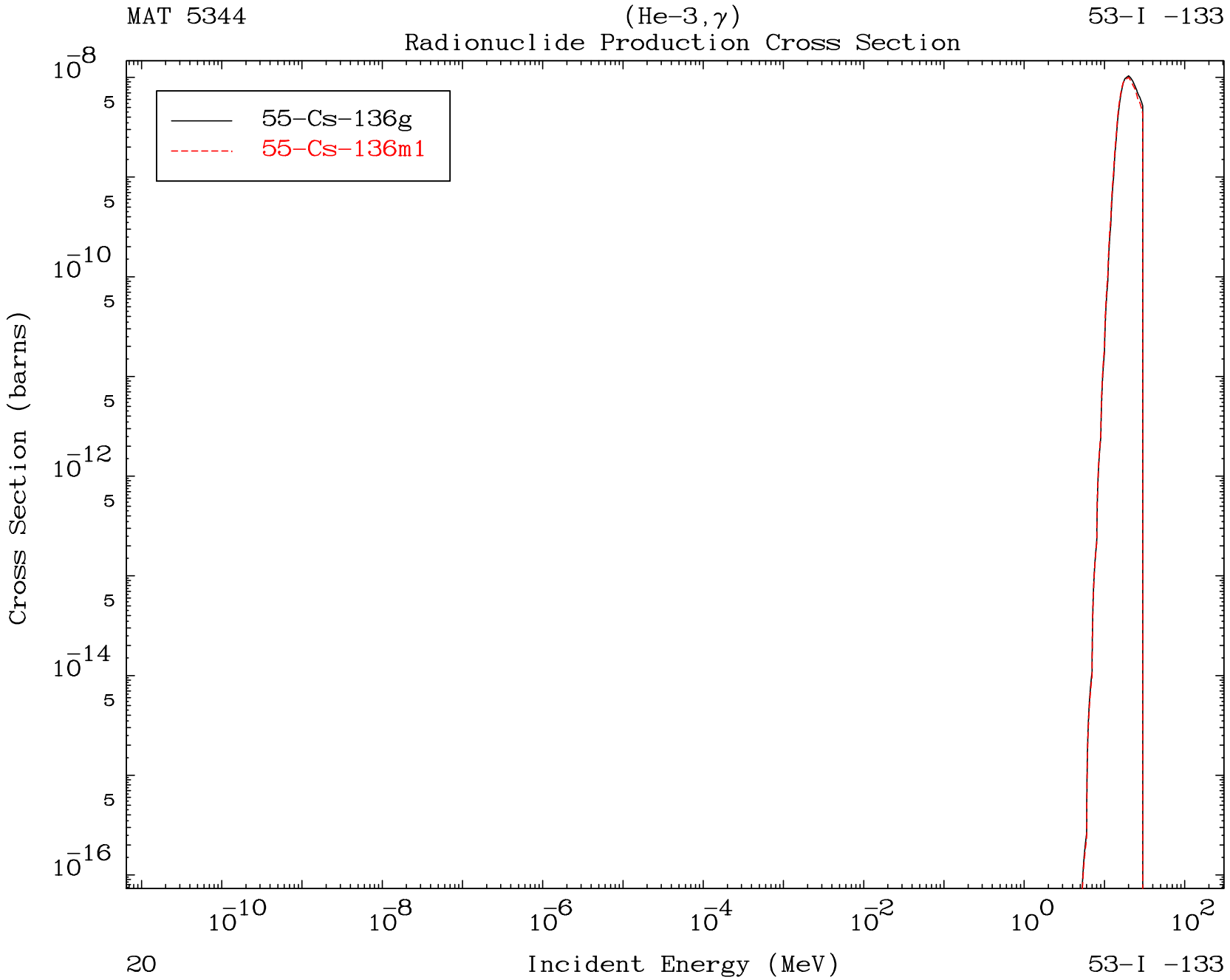

MAT 5344
(He-3,n') p
53-I -133
Radionuclide Production Cross Section
54-Xe-134g
54-Xe-134m5
Cross Section (barns)
Incident Energy (MeV)
15
53-I -133

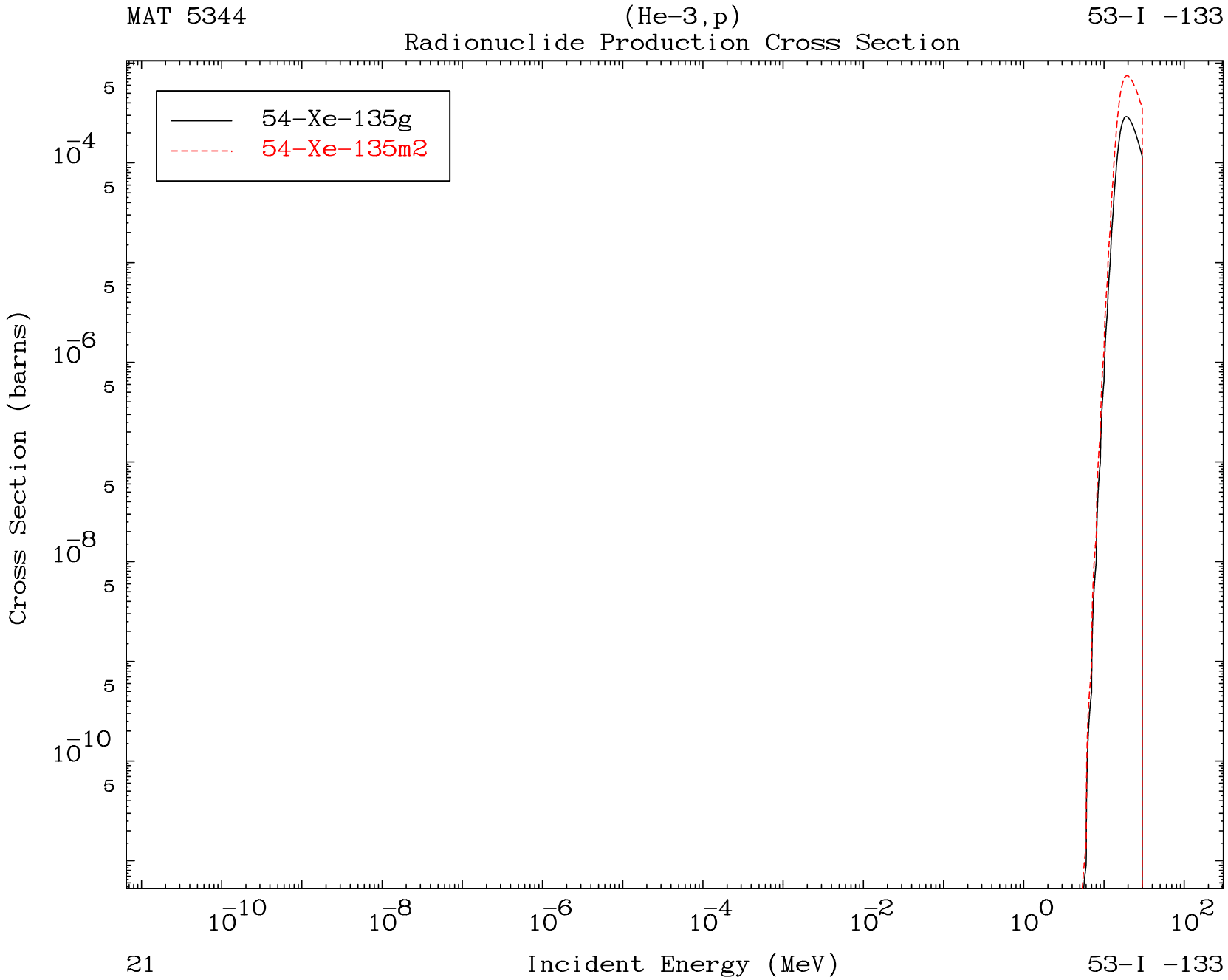

MAT 5344
(He-3,n') d
53-I -133
Radionuclide Production Cross Section
54-Xe-133g
54-Xe-133m1
Cross Section (barns)
Incident Energy (MeV)
16
53-I -133

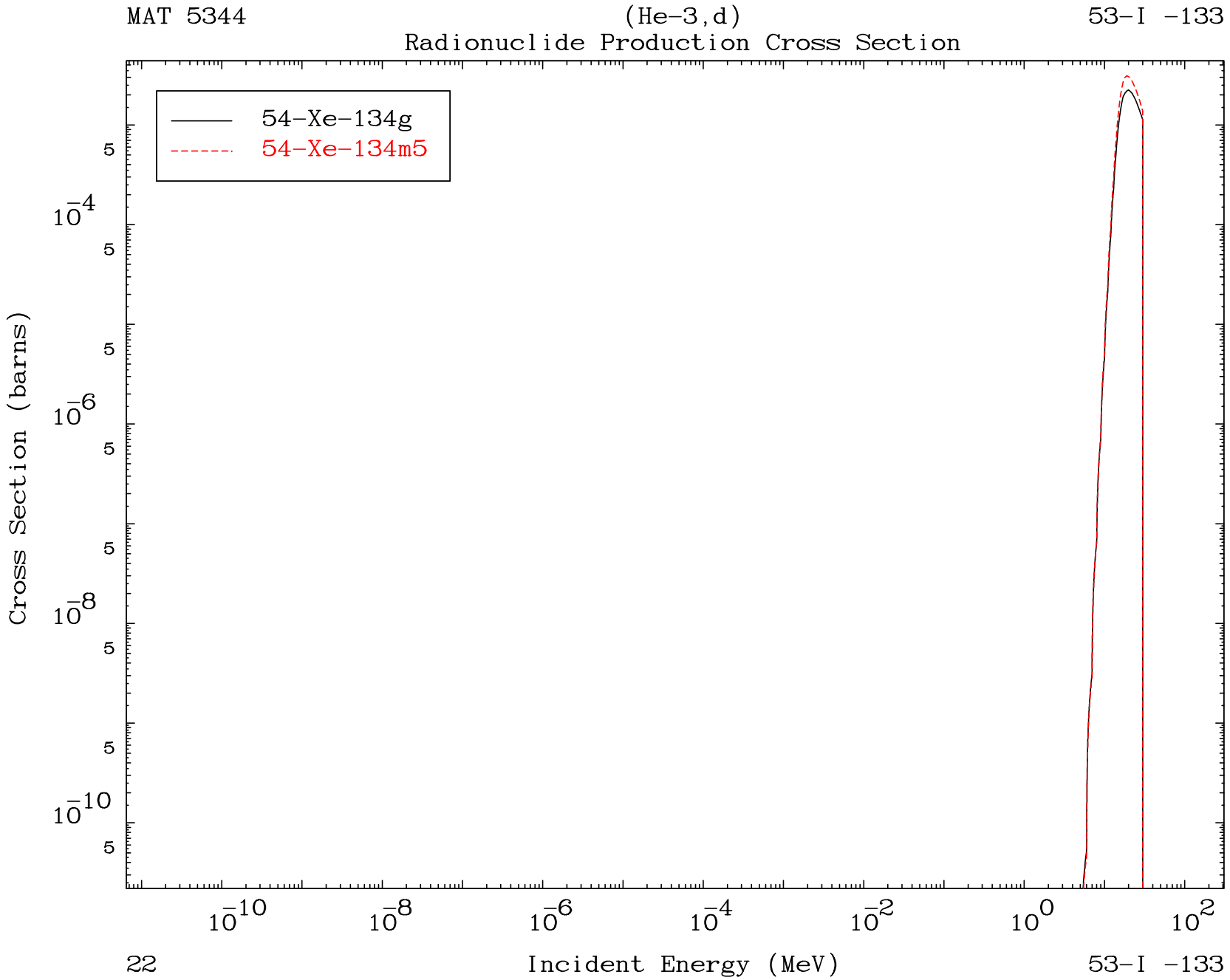

MAT 5344
(He-3,n') He-3
53-I -133
Radionuclide Production Cross Section
53-I -132g
53-I -132m3
Cross Section (barns)
Incident Energy (MeV)
17
53-I -133

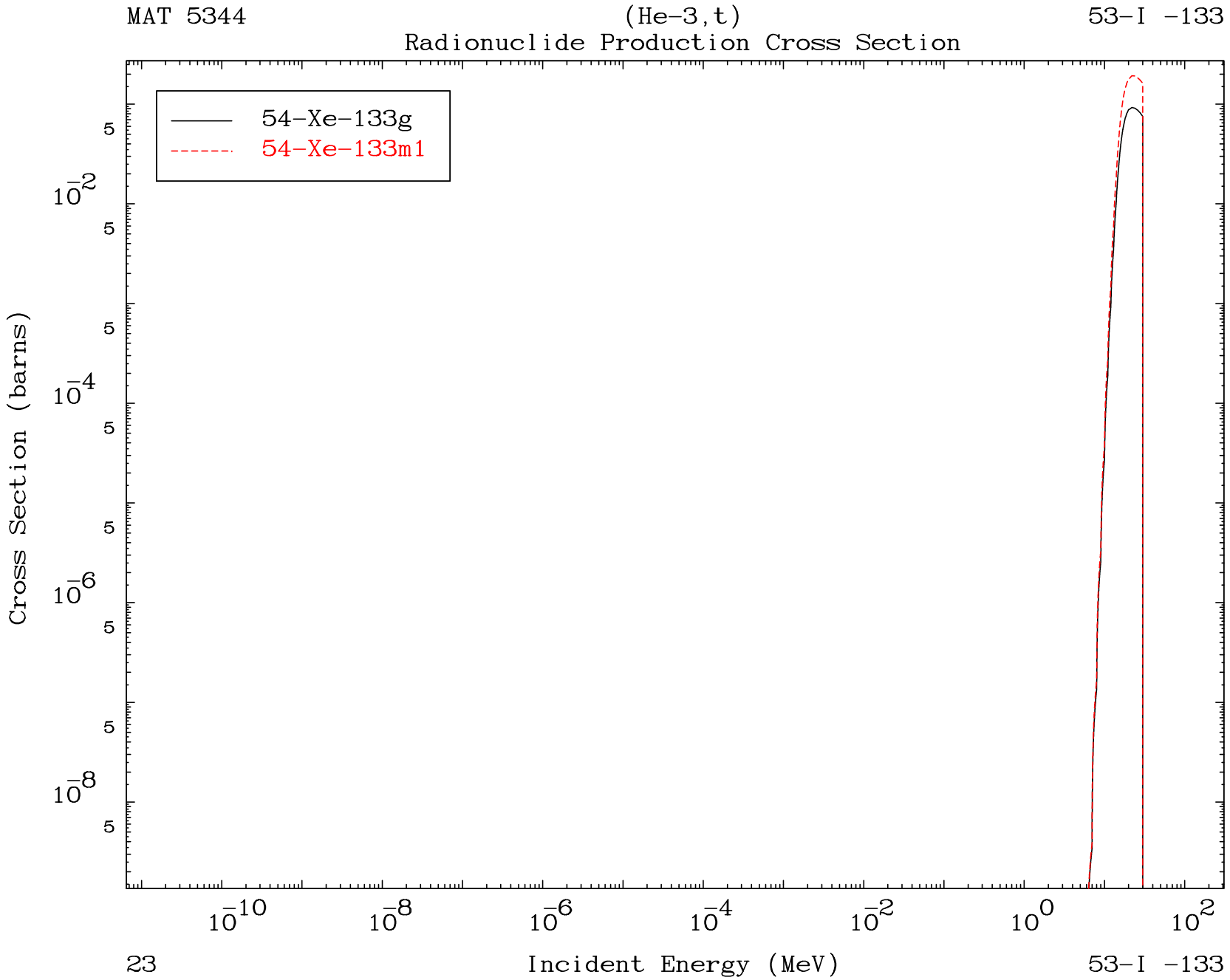

MAT 5344
(He-3,2n) p
53-I -133
Radionuclide Production Cross Section
54-Xe-133g
54-Xe-133m1
Cross Section (barns)
Incident Energy (MeV)
18
53-I -133

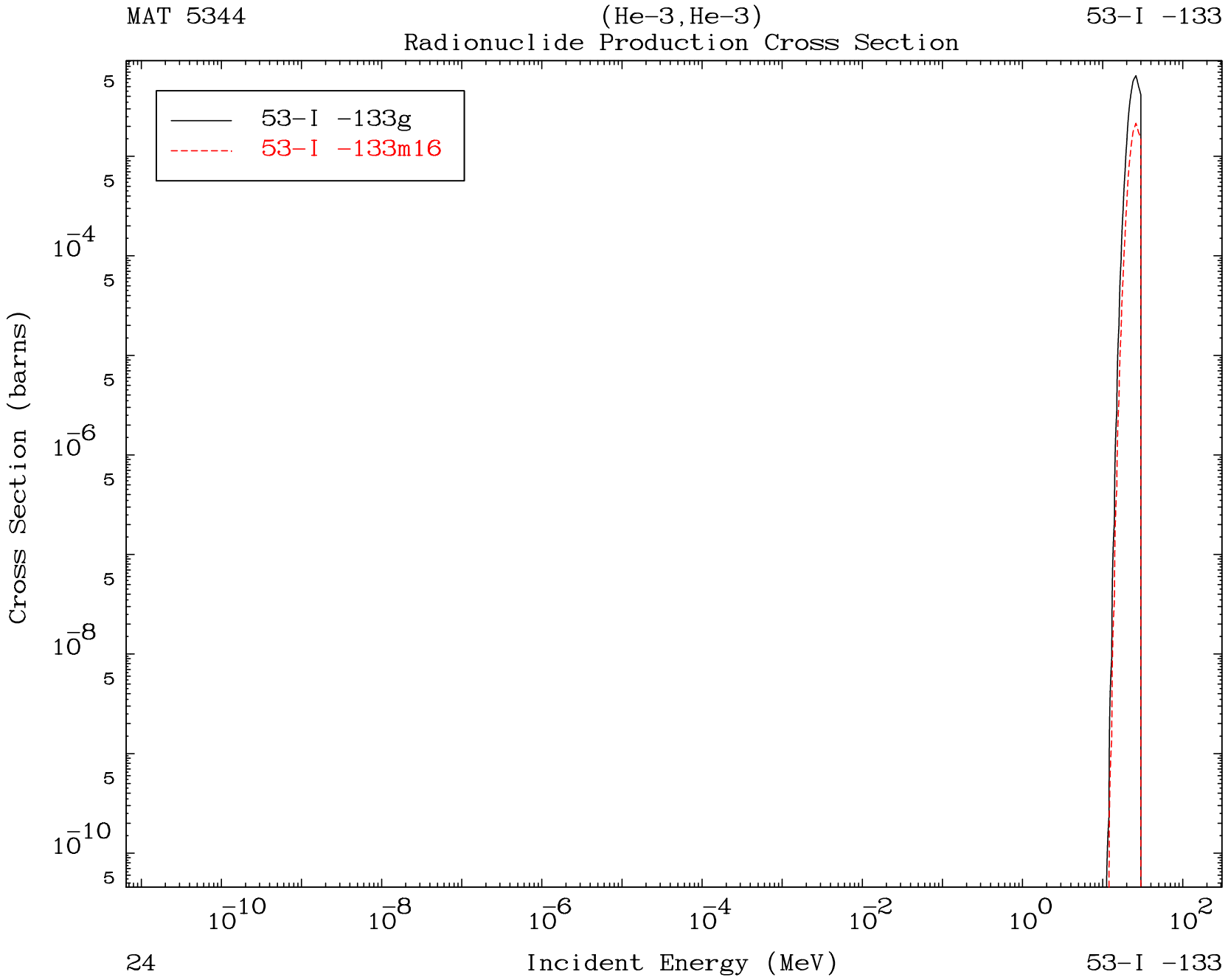

MAT 5344
(He-3,2n) p
53-I -133
Radionuclide Production Cross Section
53-I -133g
53-I -133m16
Cross Section (barns)
Incident Energy (MeV)
19
53-I -133

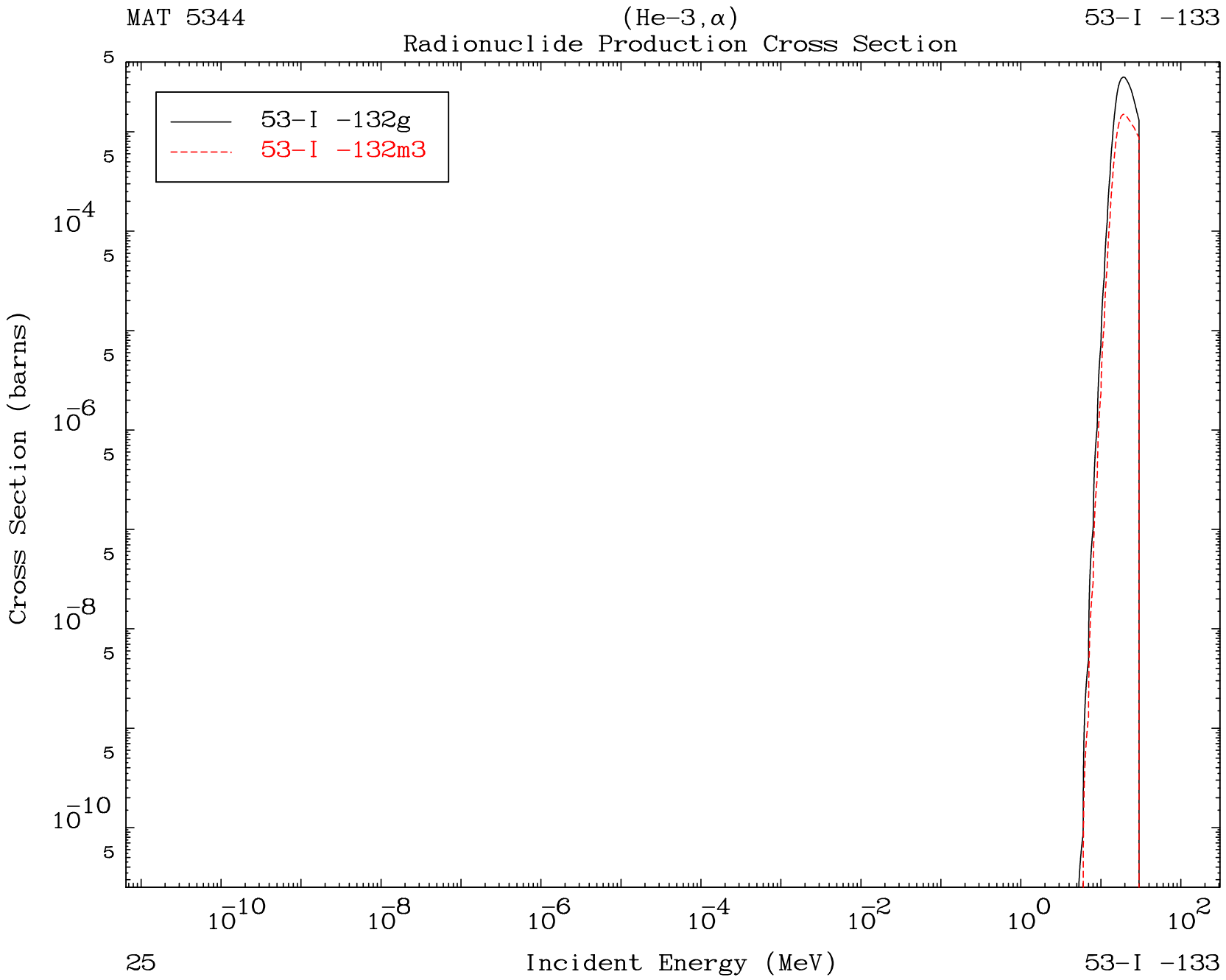

MAT 5344
(He-3,γ)
53-I -133
Radionuclide Production Cross Section
55-Cs-136g
55-Cs-136m1
Cross Section (barns)
Incident Energy (MeV)
20
53-I -133

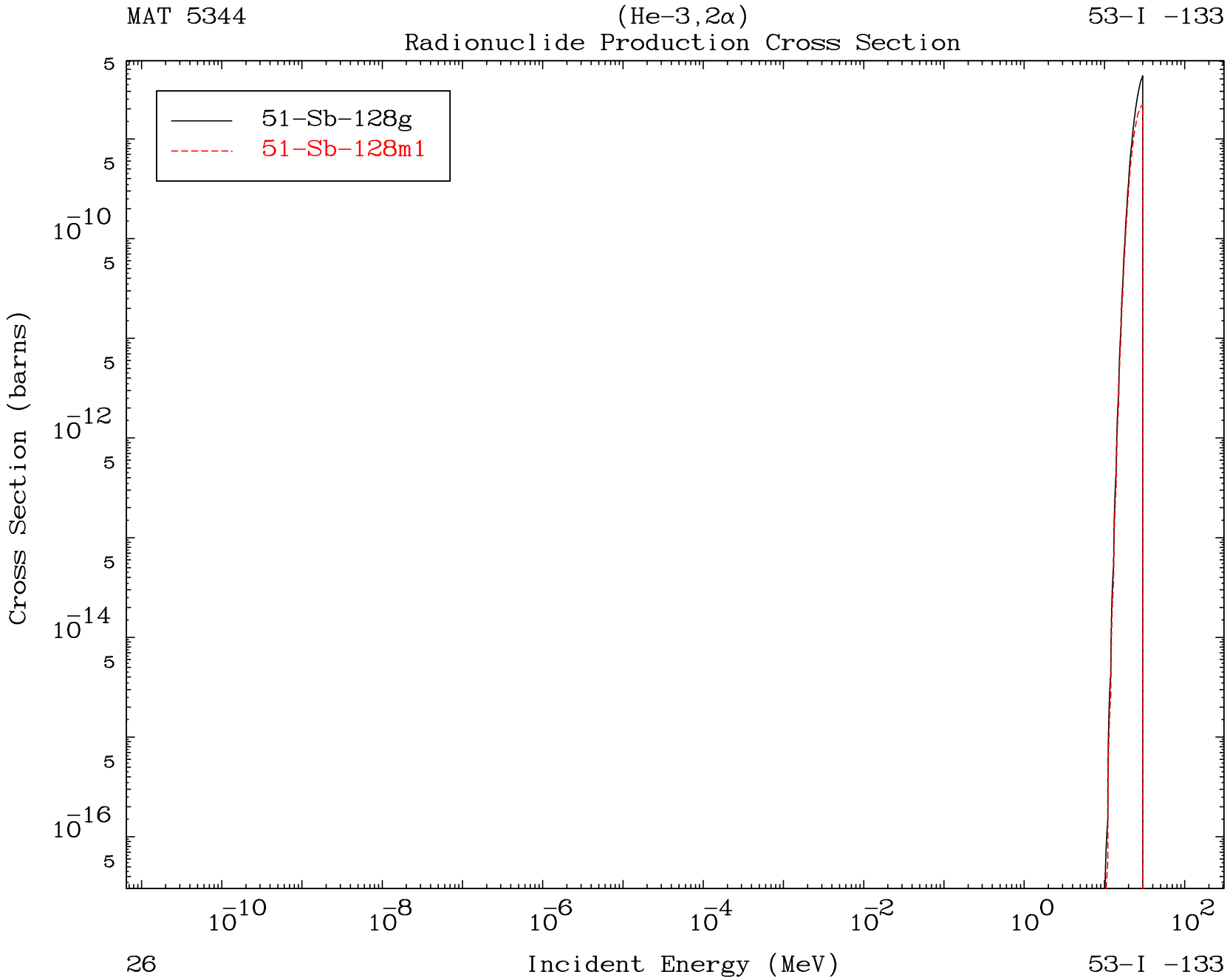

MAT 5344
(He-3,p)
53-I -133
Radionuclide Production Cross Section
54-Xe-135g
54-Xe-135m2
Cross Section (barns)
Incident Energy (MeV)
21
53-I -133

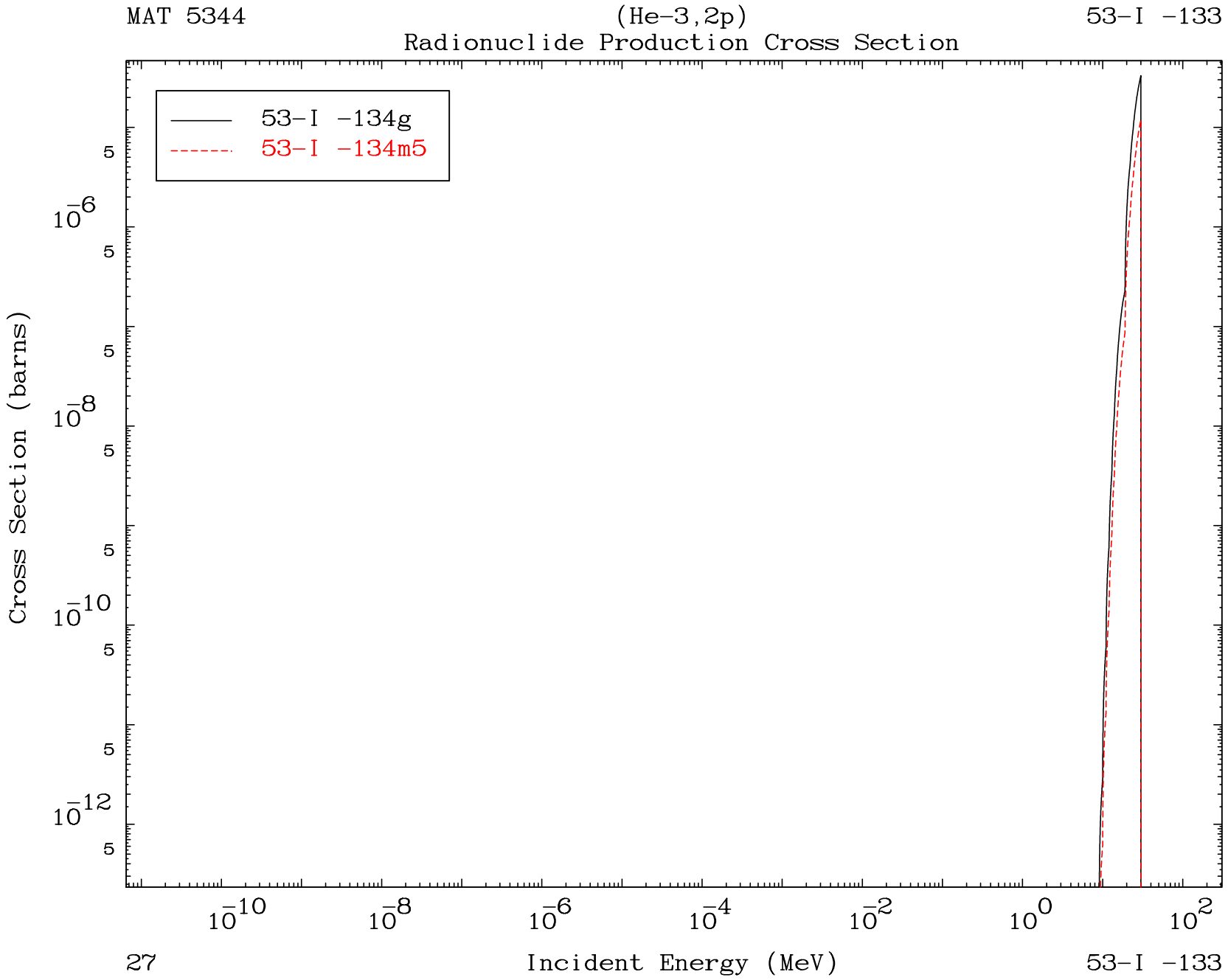

MAT 5344
(He-3,d)
53-I -133
Radionuclide Production Cross Section
54-Xe-134g
54-Xe-134m5
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
22
Incident Energy (MeV)
53-I -133

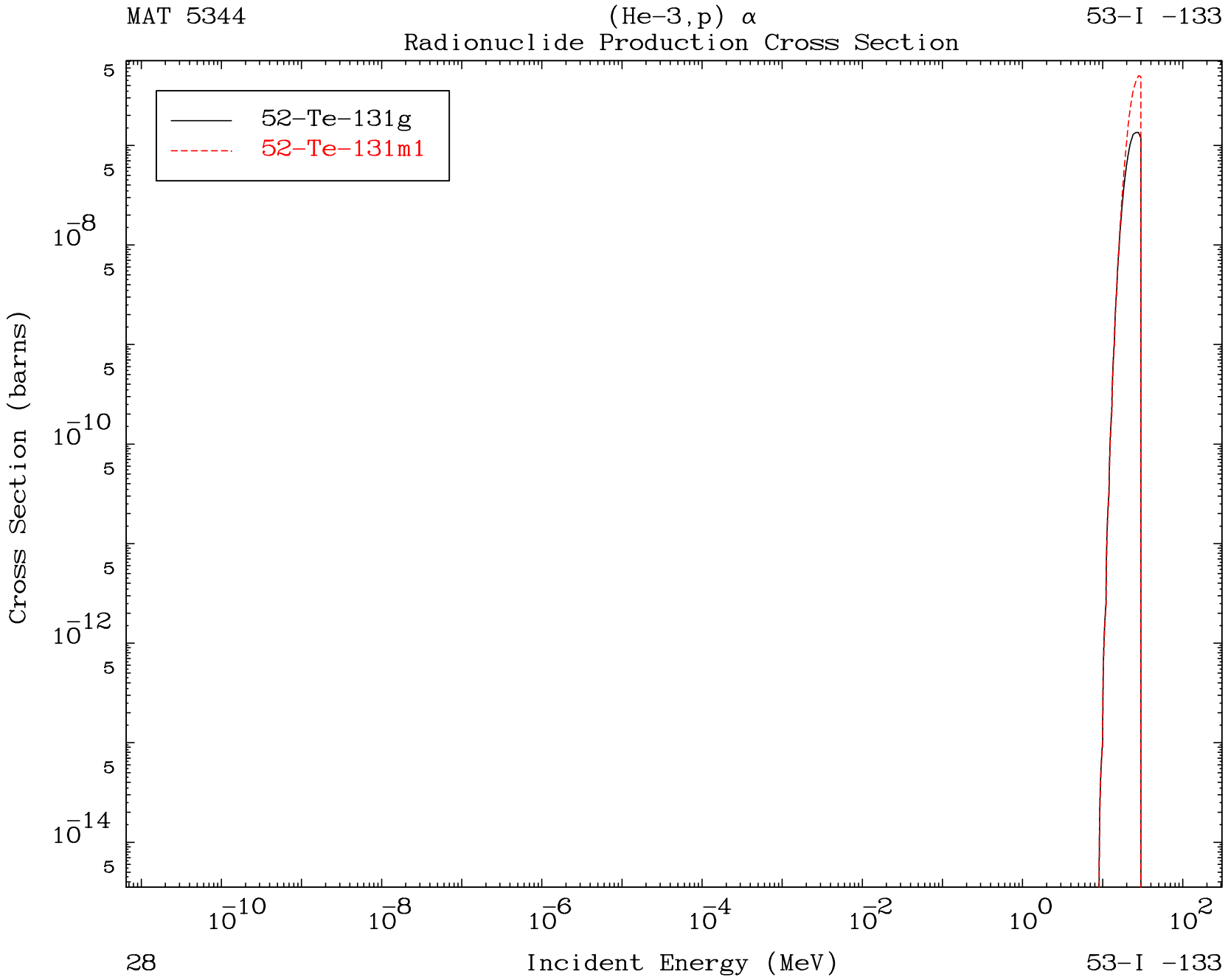

MAT 5344
(He-3,t)
53-I -133
Radionuclide Production Cross Section
54-Xe-133g
54-Xe-133m1
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
23
Incident Energy (MeV)
53-I -133

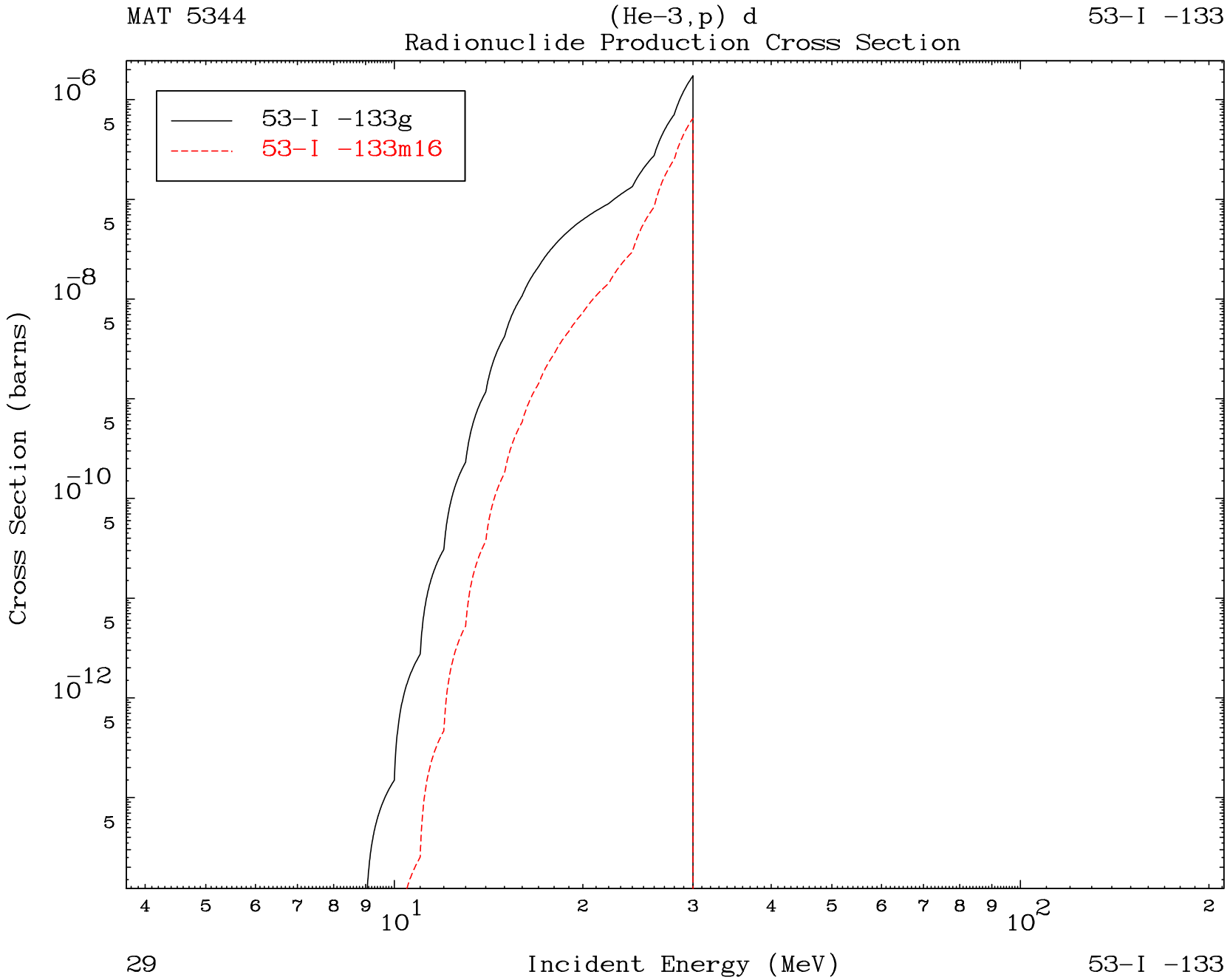

MAT 5344
(He-3,He-3)
53-I -133
Radionuclide Production Cross Section
53-I -133g
53-I -133m16
Cross Section (barns)
Incident Energy (MeV)
24
53-I -133

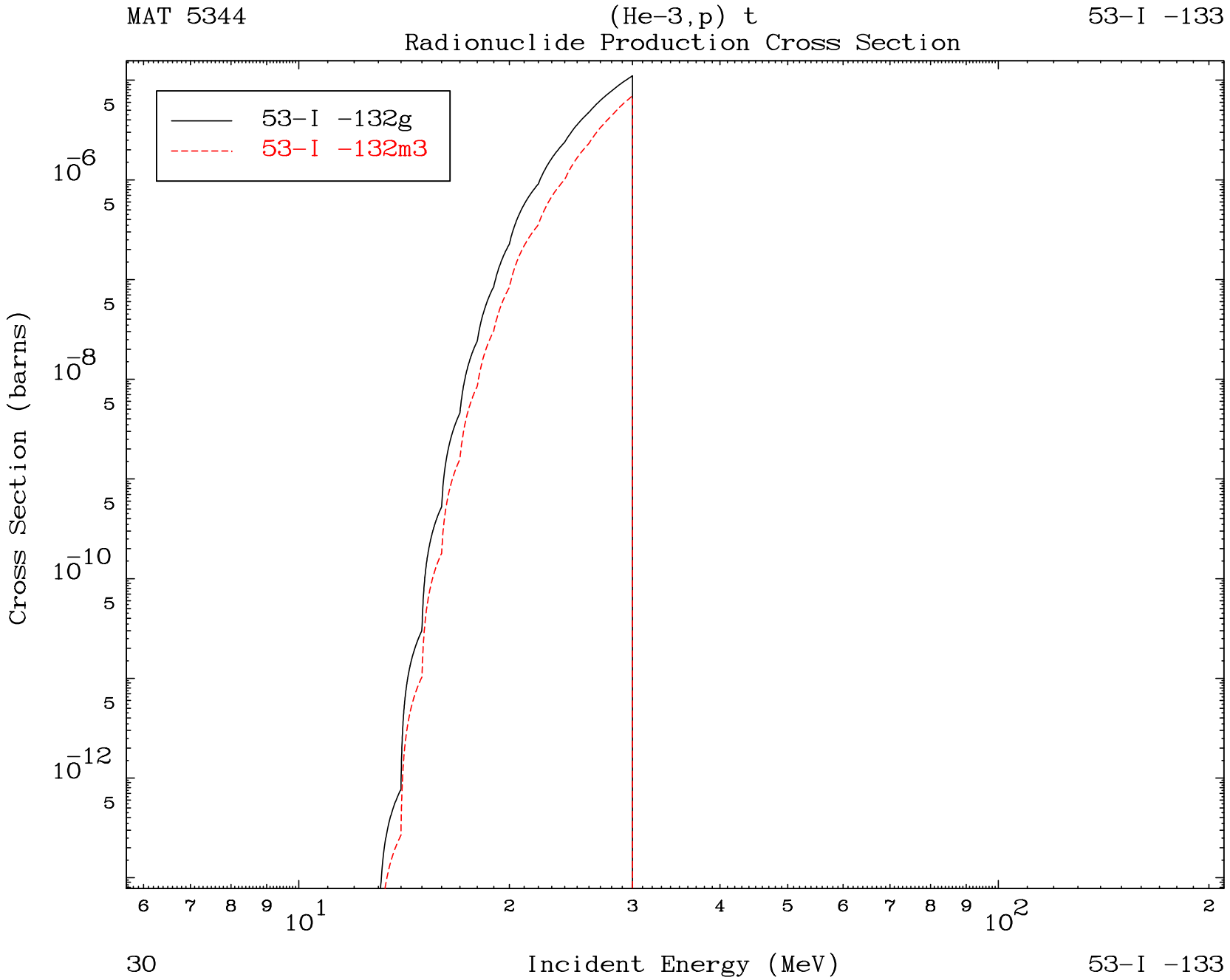

MAT 5344
(He-3,α)
53-I -133
Radionuclide Production Cross Section
53-I -132g
53-I -132m3
Cross Section (barns)
Incident Energy (MeV)
25
53-I -133


MAT 5344
(He-3,2α)
53-I -133
Radionuclide Production Cross Section
51-Sb-128g
51-Sb-128m1
Cross Section (barns)
Incident Energy (MeV)
26
53-I -133


MAT 5344
(He-3,2p)
53-I -133
Radionuclide Production Cross Section
53-I -134g
53-I -134m5
Cross Section (barns)
Incident Energy (MeV)
27
53-I -133


MAT 5344
(He-3,p) α
53-I -133
Radionuclide Production Cross Section
52-Te-131g
52-Te-131m1
Cross Section (barns)
Incident Energy (MeV)
28
53-I -133


MAT 5344
(He-3,p) d
53-I -133
Radionuclide Production Cross Section
53-I -133g
53-I -133m16
Cross Section (barns)
10-6
10-8
10-10
10-12
5
4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
29
Incident Energy (MeV)
53-I -133


MAT 5344
(He-3,p) t
53-I -133
Radionuclide Production Cross Section
53-I -132g
53-I -132m3
Cross Section (barns)
Incident Energy (MeV)
30
53-I -133