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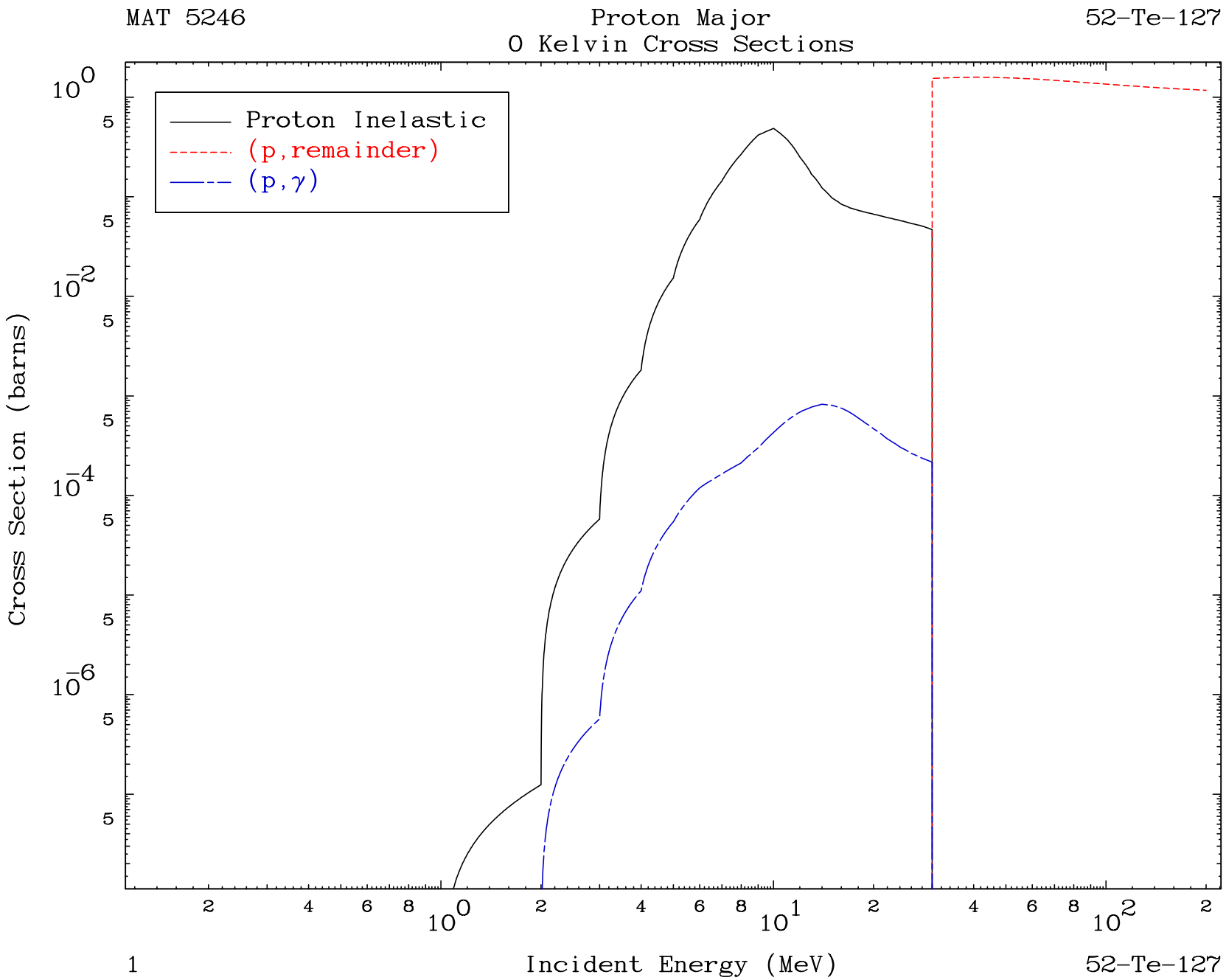
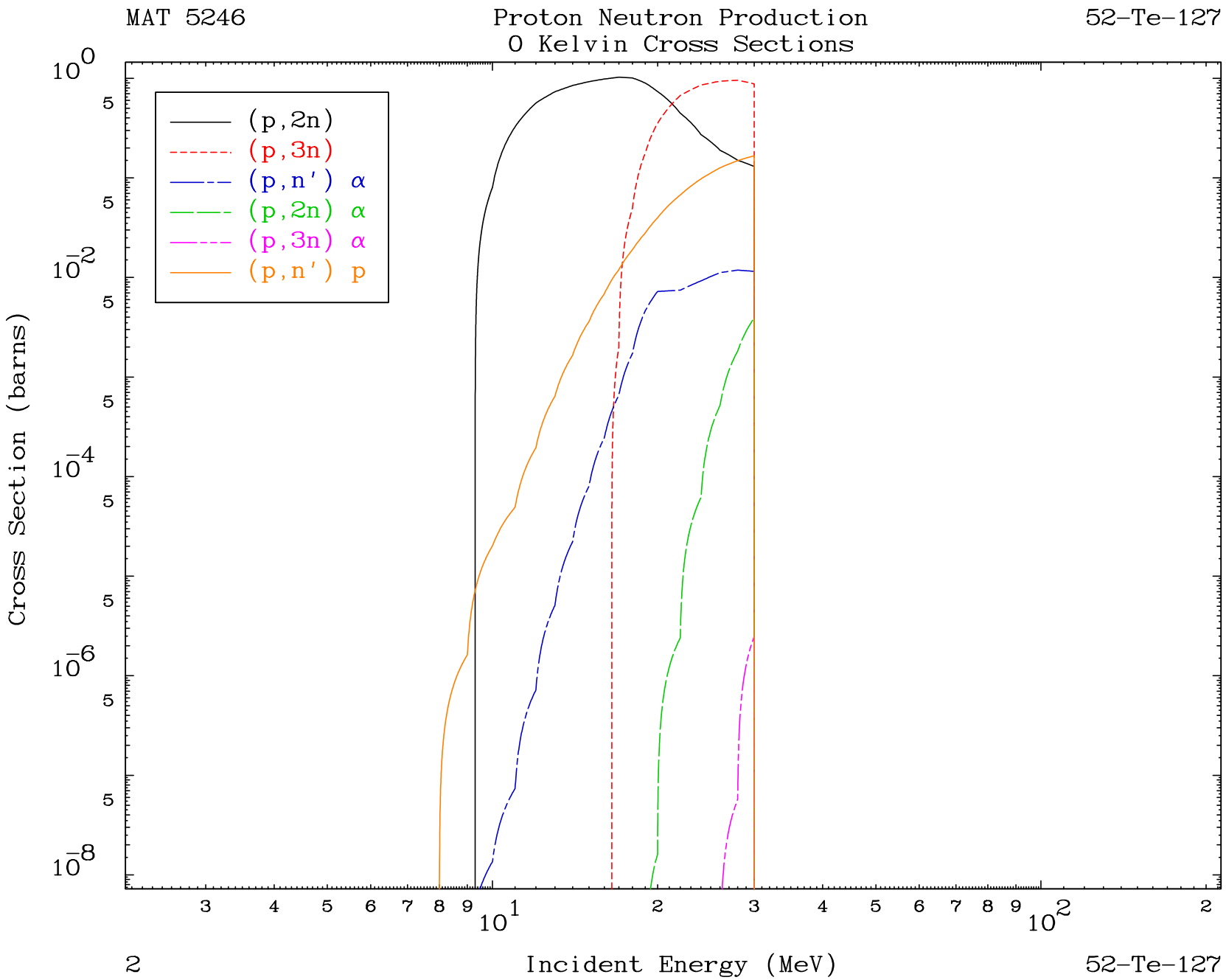
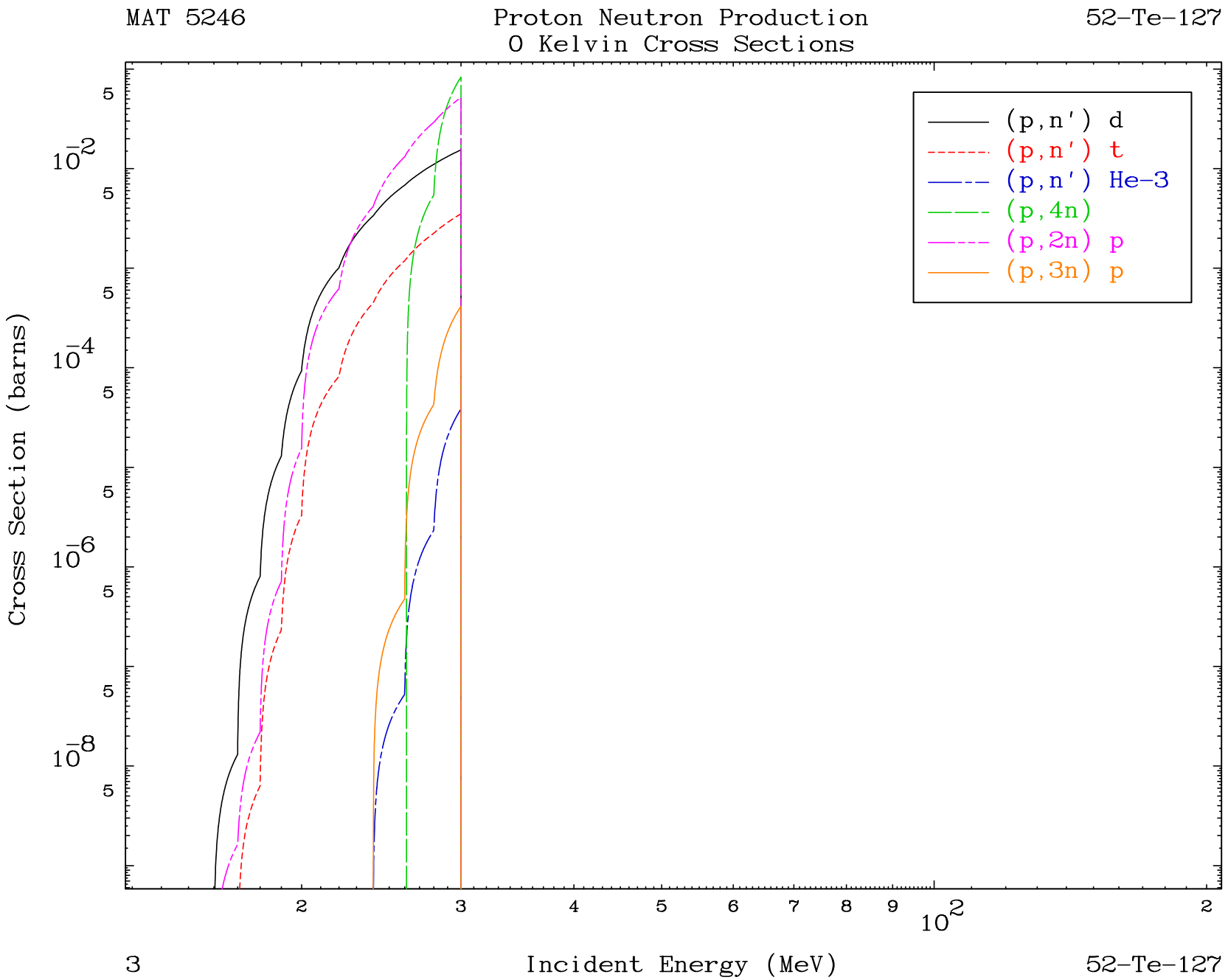
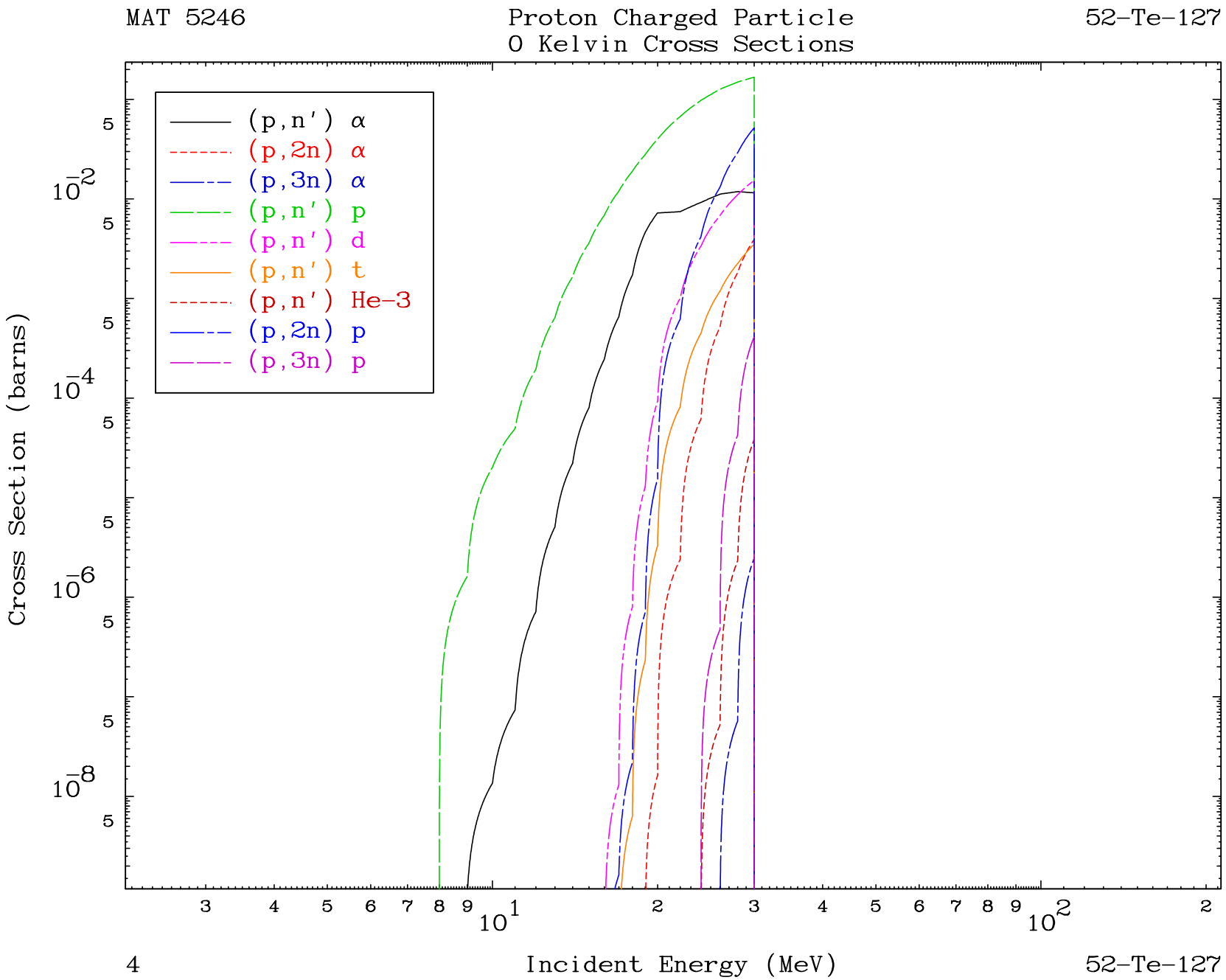
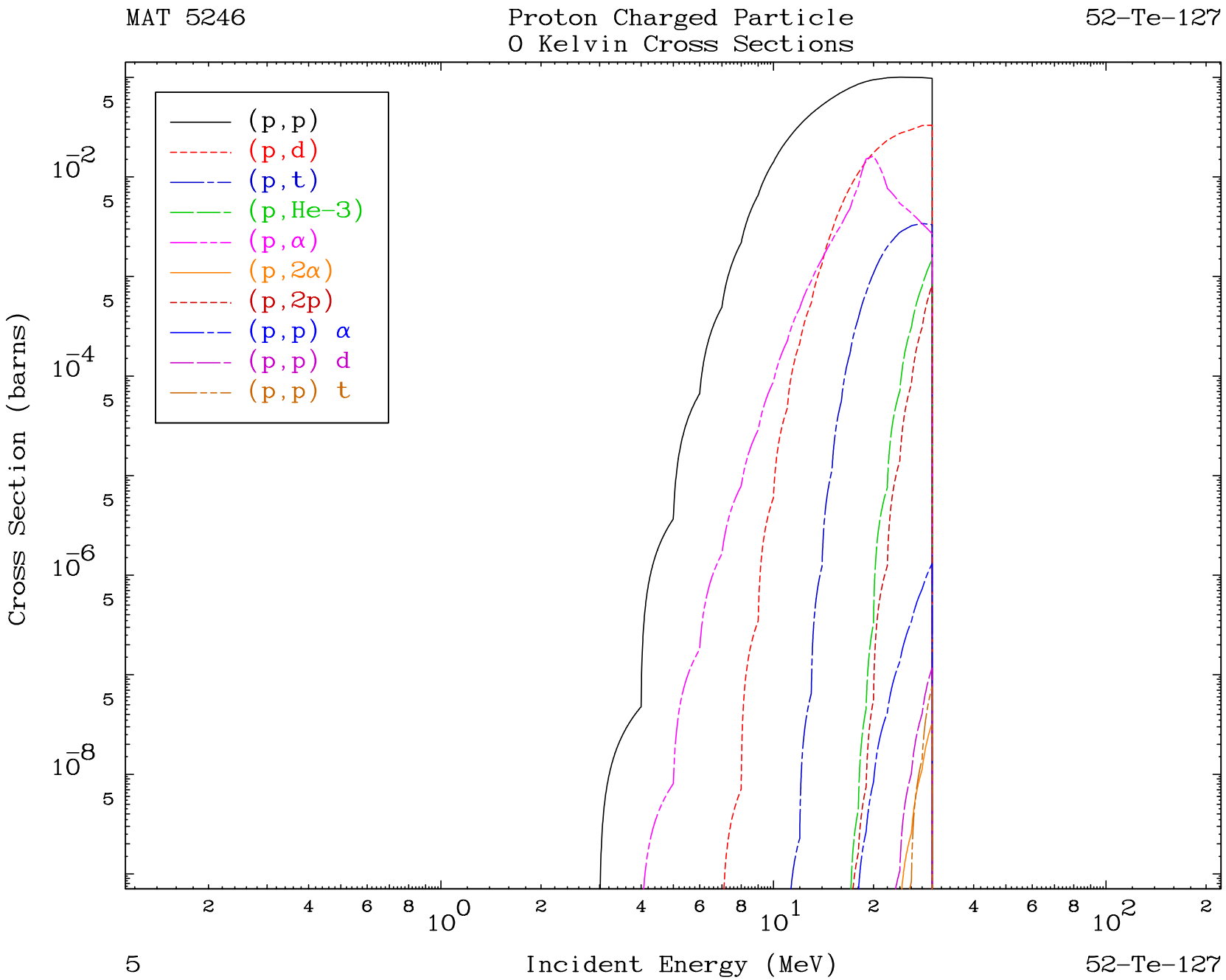
Press Mouse Button to Start

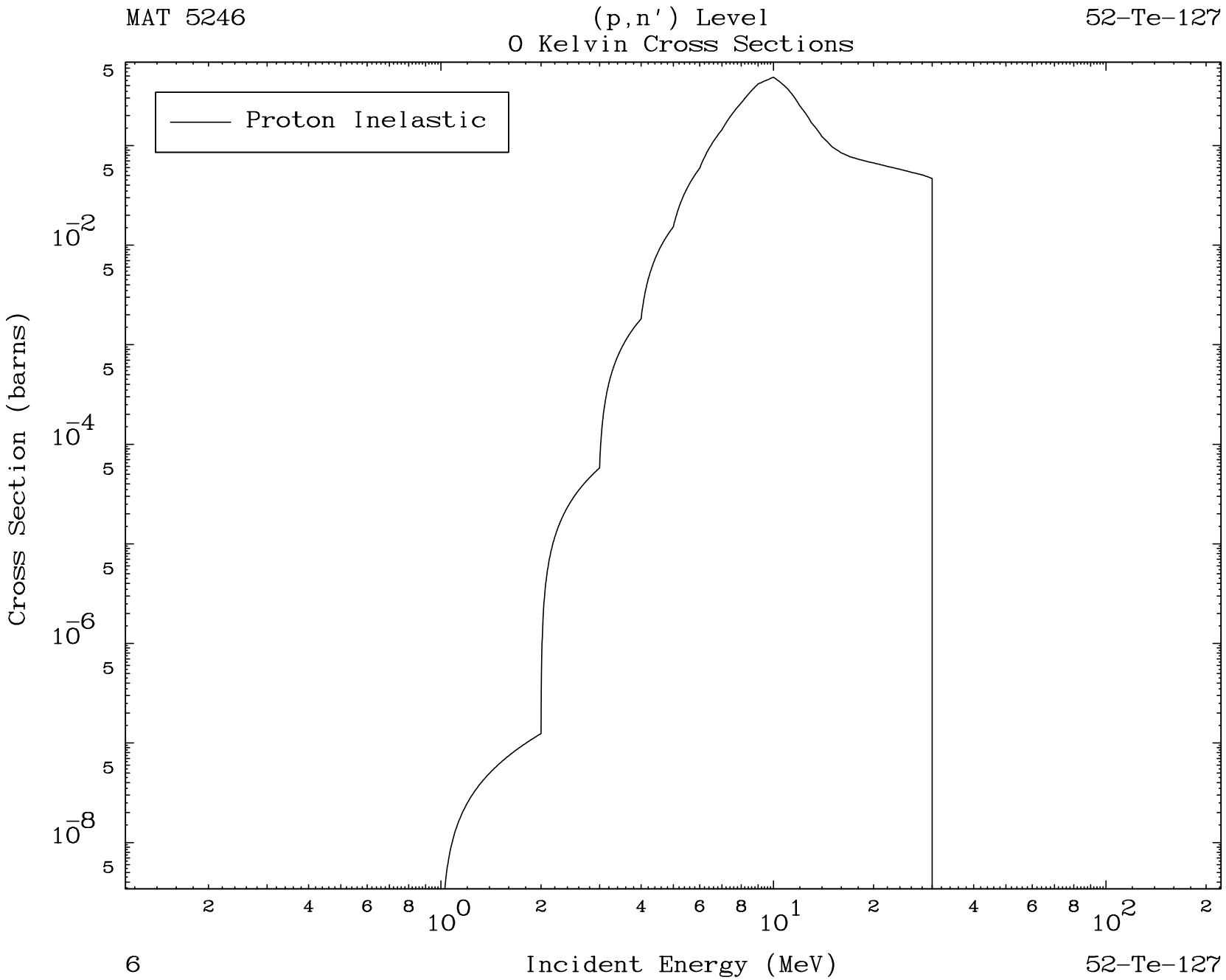

MAT 5246
Proton Major
52-Te-127
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
52-Te-127
1

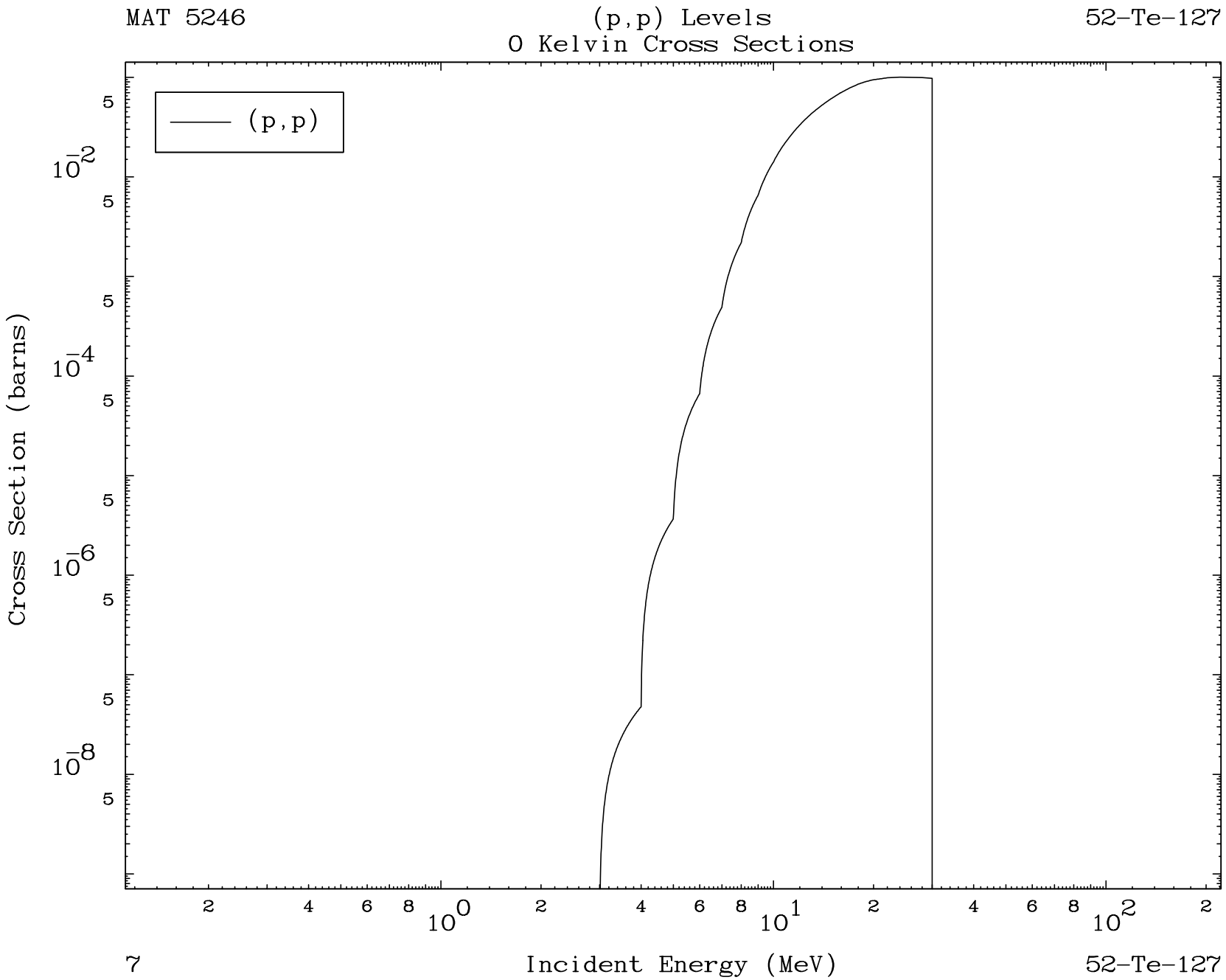

MAT 5246
Proton Neutron Production
0 Kelvin Cross Sections
52-Te-127
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
Cross Section (barns)
Incident Energy (MeV)
52-Te-127

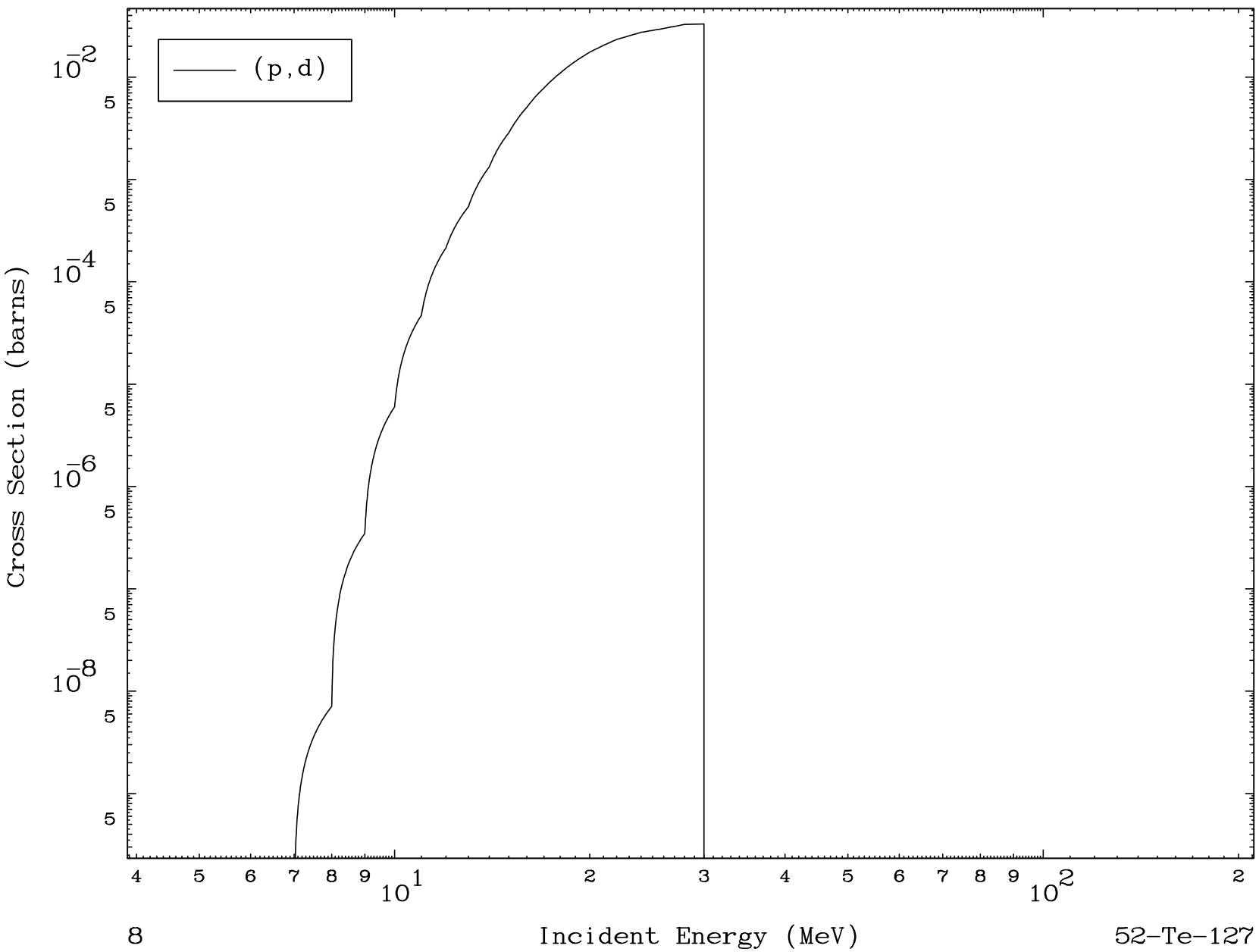

MAT 5246
Proton Neutron Production
0 Kelvin Cross Sections
52-Te-127
(p,n') d
(p,n') t
(p,n') He-3
(p,4n)
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
52-Te-127

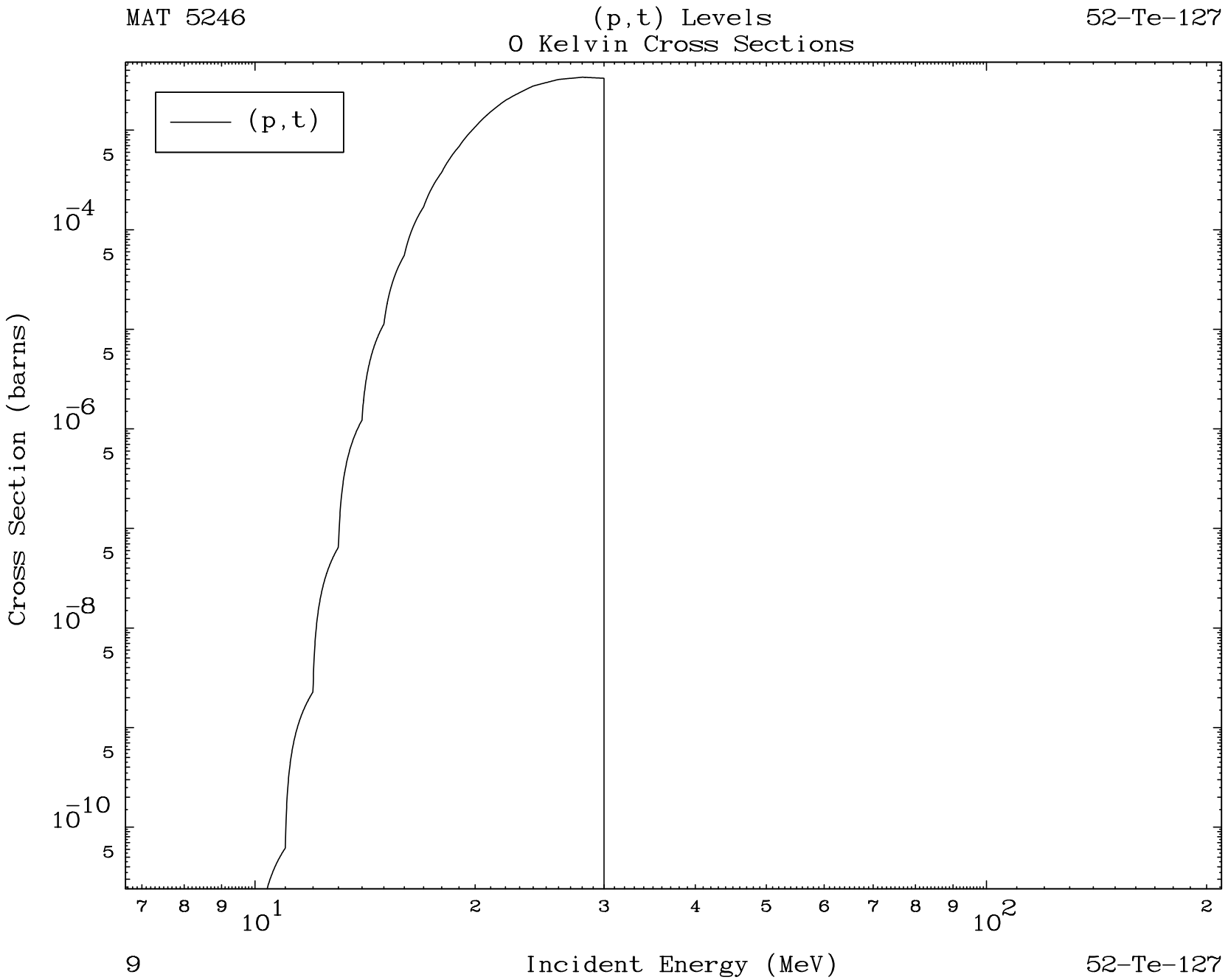

MAT 5246
Proton Charged Particle
0 Kelvin Cross Sections
52-Te-127
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
52-Te-127

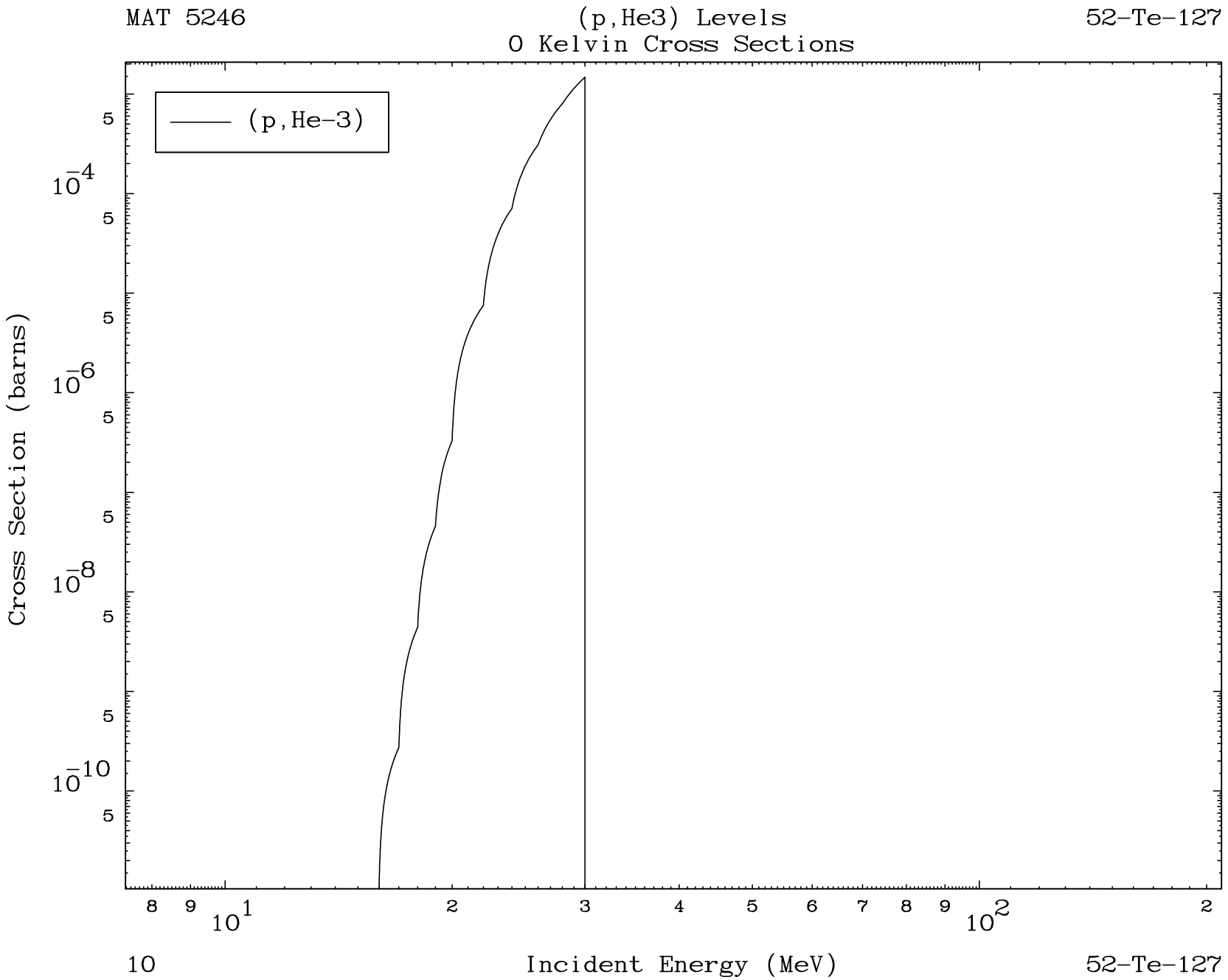

MAT 5246
Proton Charged Particle
0 Kelvin Cross Sections
52-Te-127
(p,p)
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
5
52-Te-127

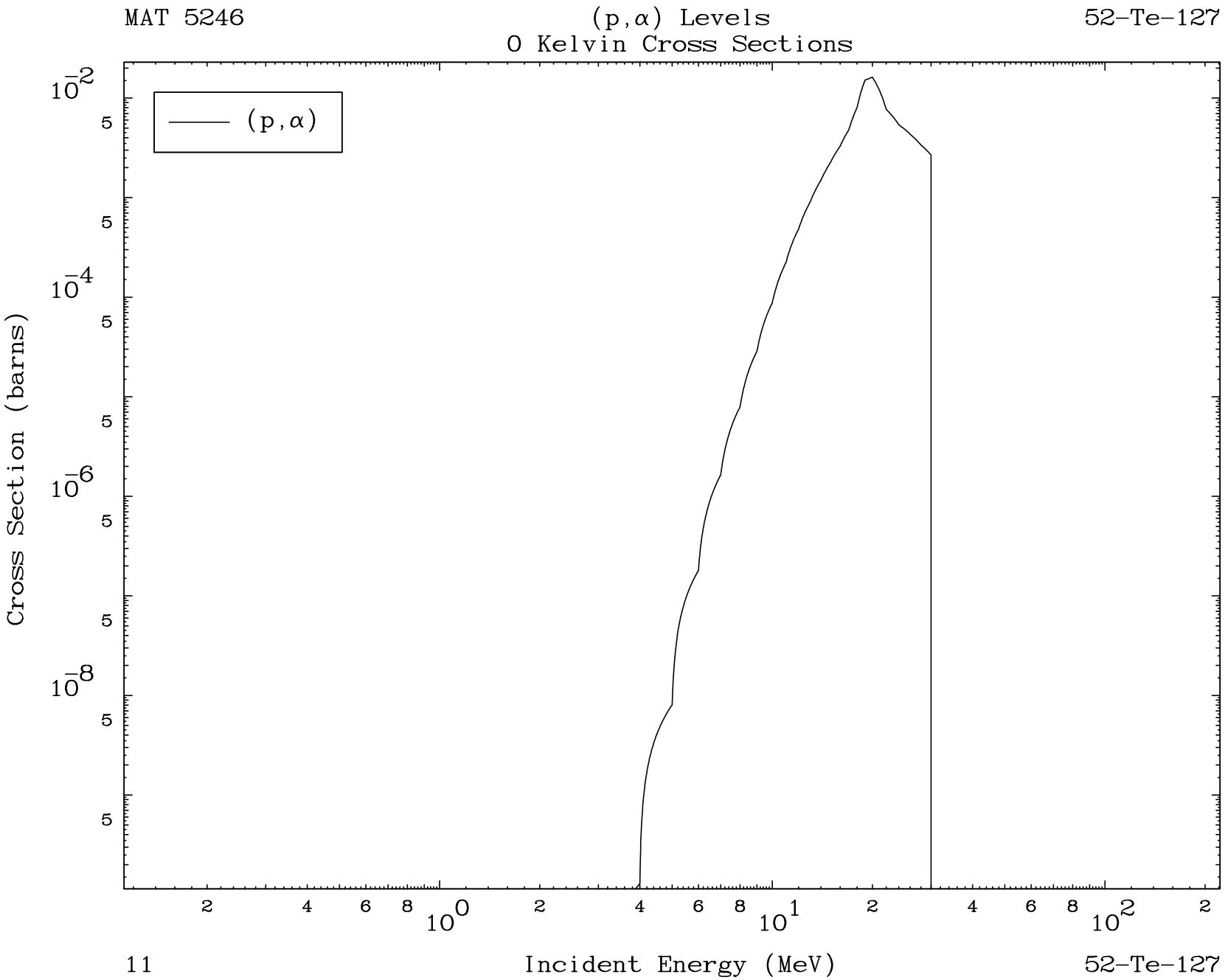

MAT 5246
(p,n') Level
52-Te-127
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
52-Te-127

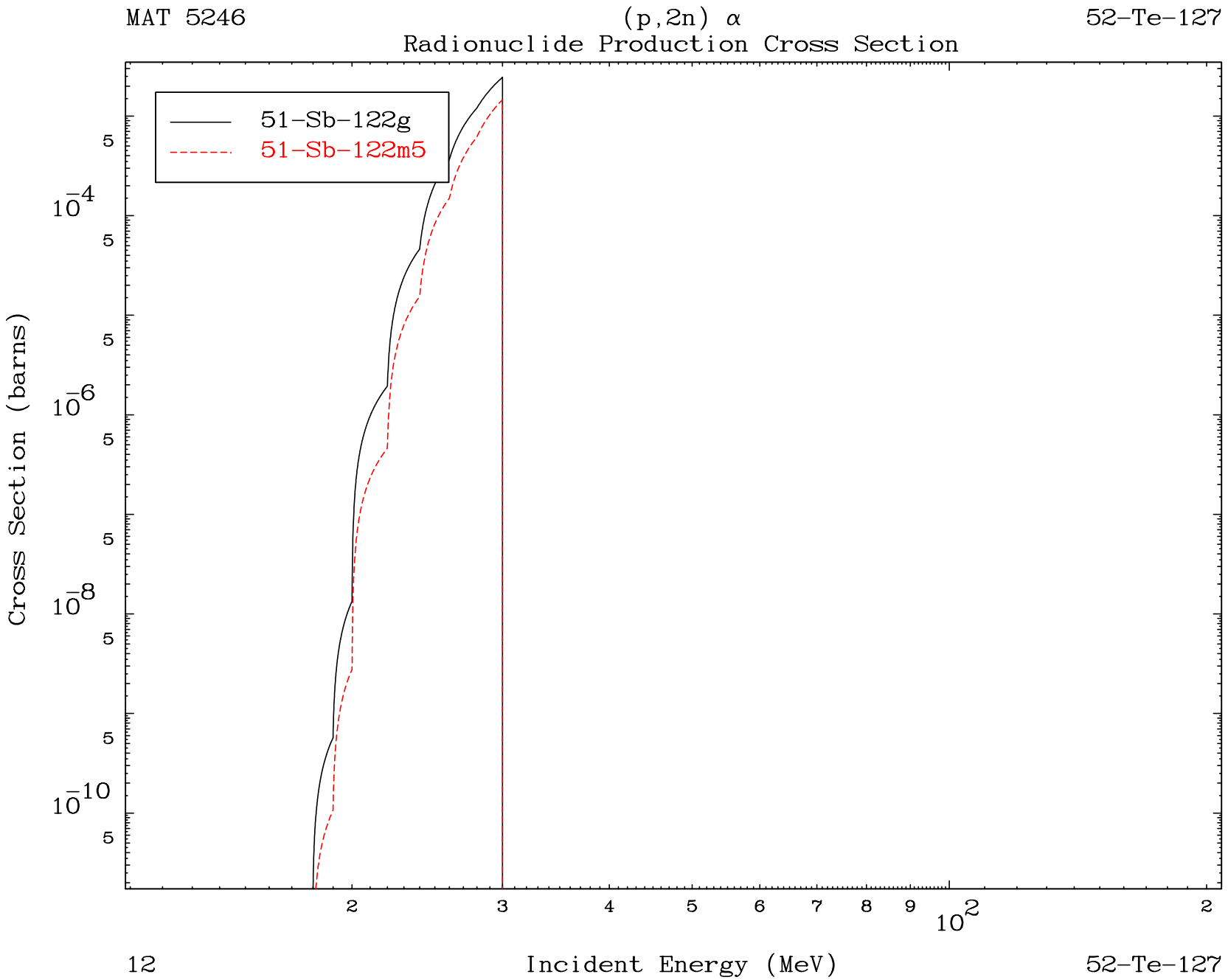

MAT 5246
(p,p) Levels
52-Te-127
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
7
52-Te-127

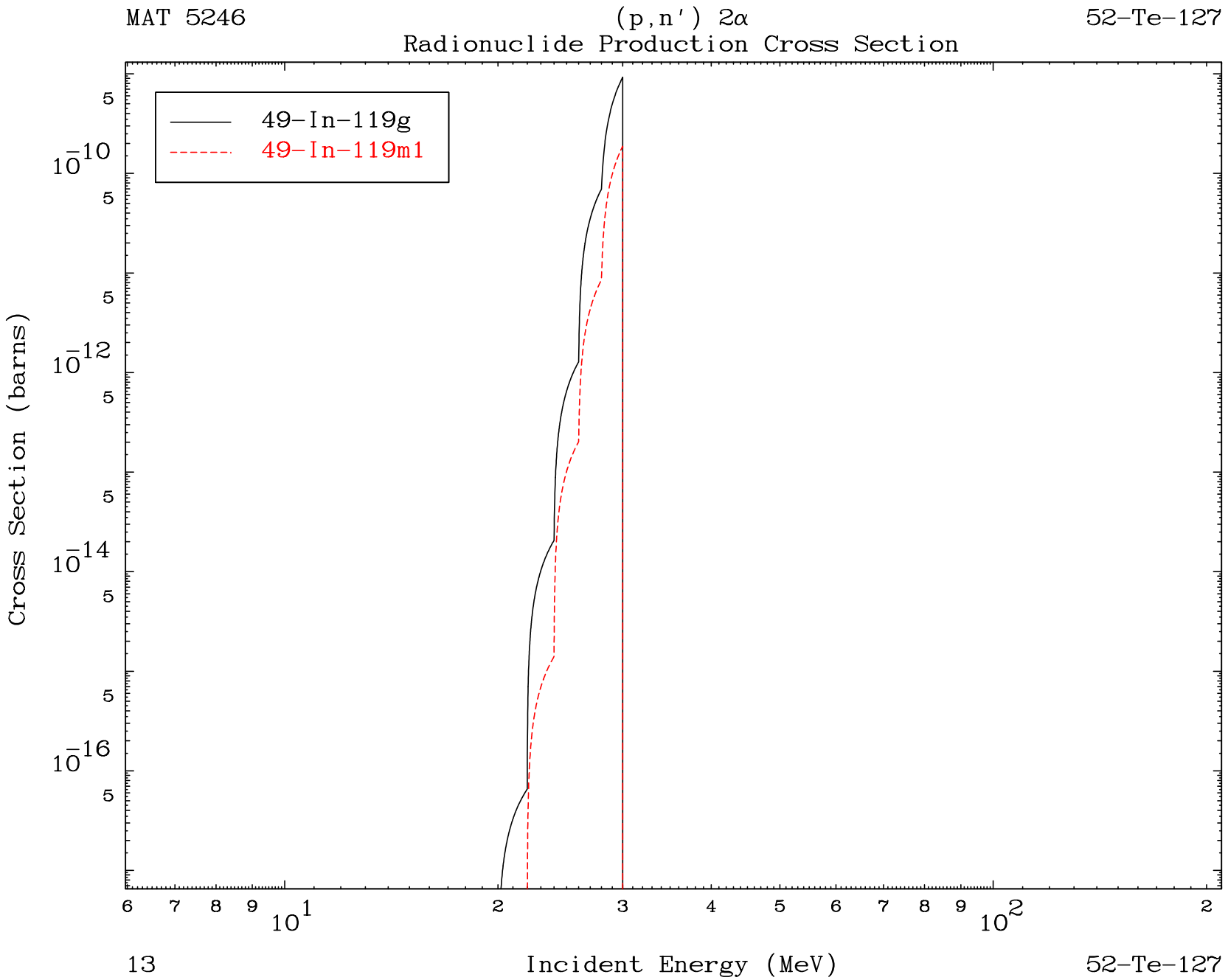

0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
10-2
5
10-4
5
10-6
5
10-8
5
4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)

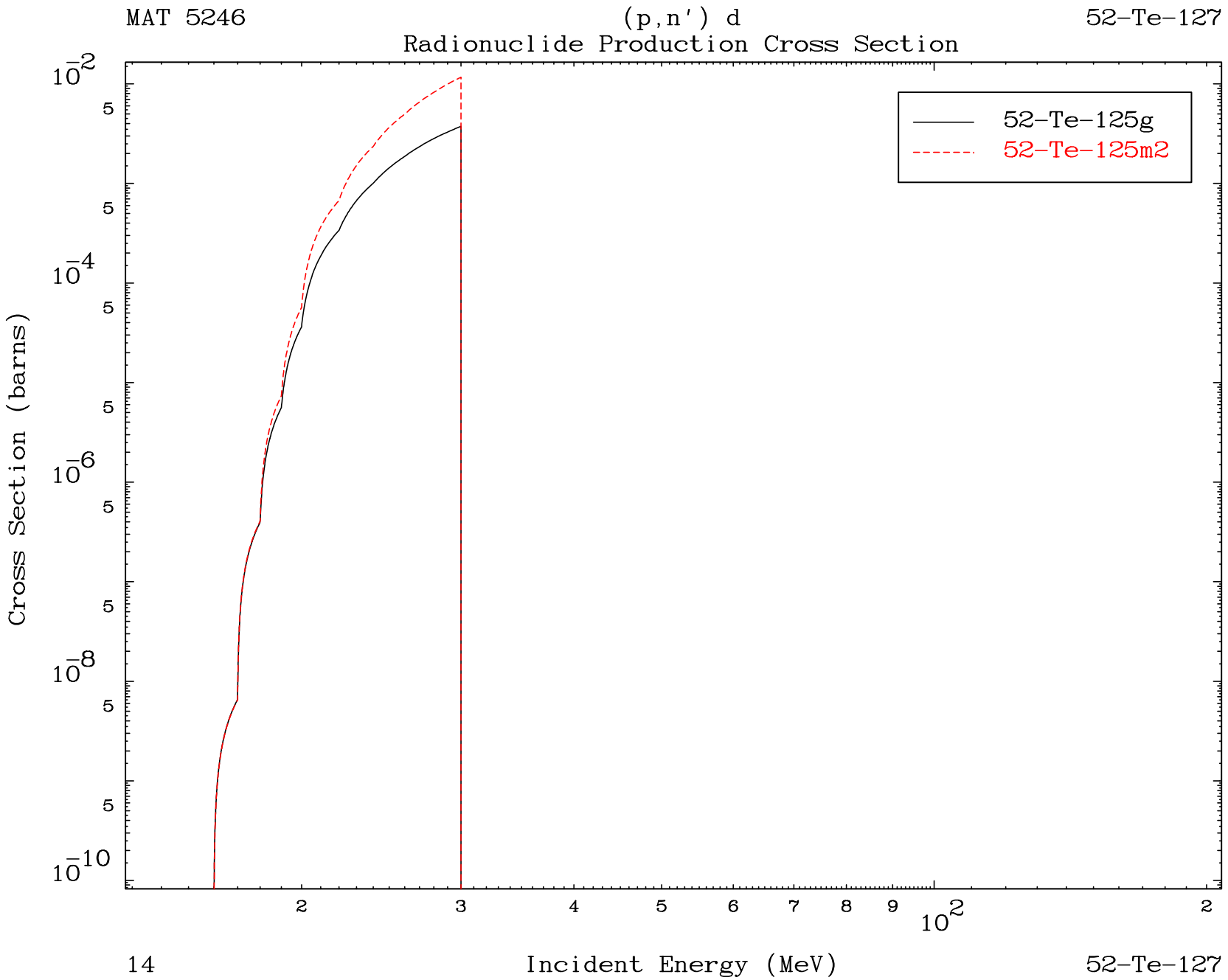

MAT 5246
(p,t) Levels
52-Te-127
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
9
52-Te-127

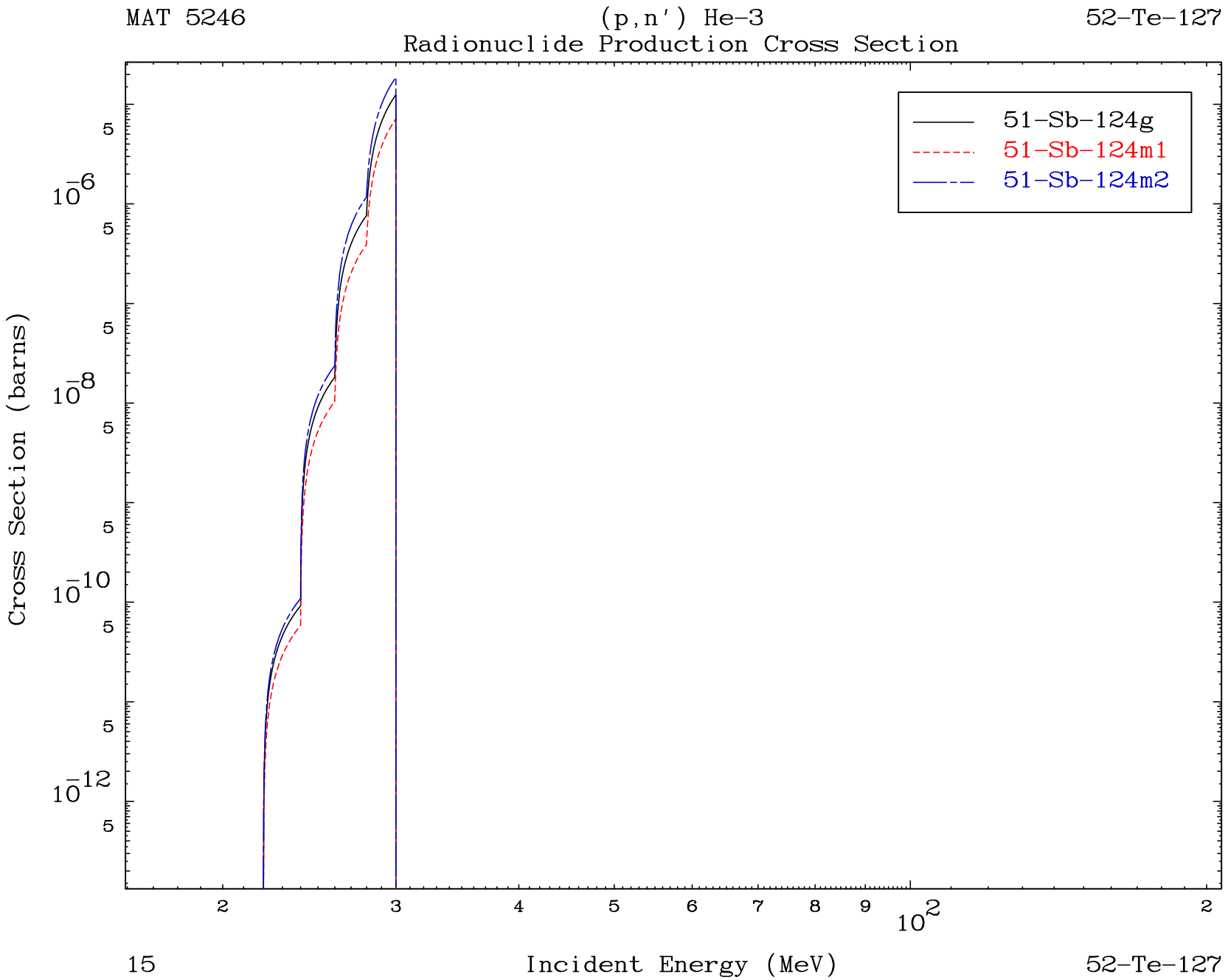

MAT 5246
(p,He3) Levels
52-Te-127
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
52-Te-127

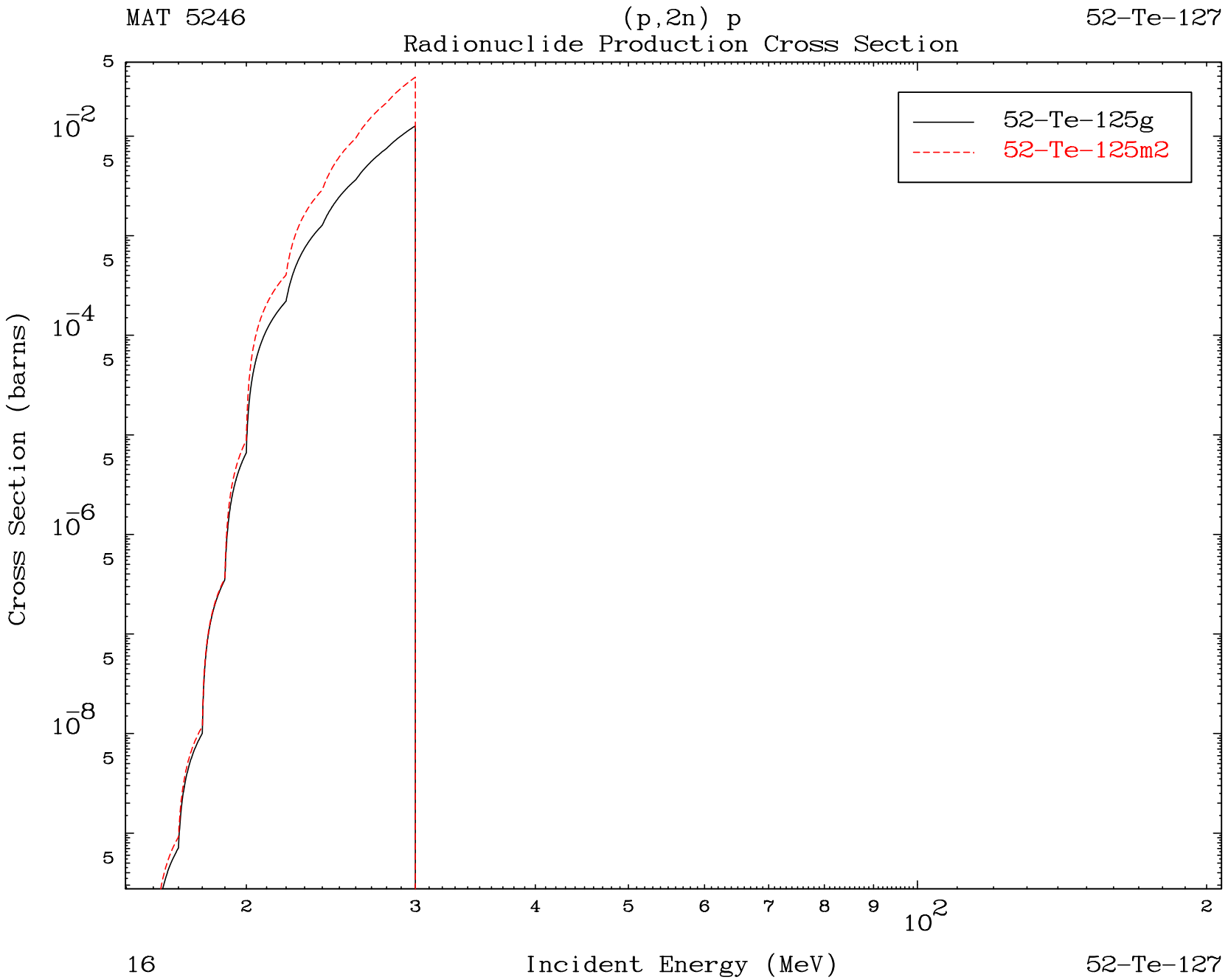

MAT 5246
(p,α) Levels
52-Te-127
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
11
52-Te-127

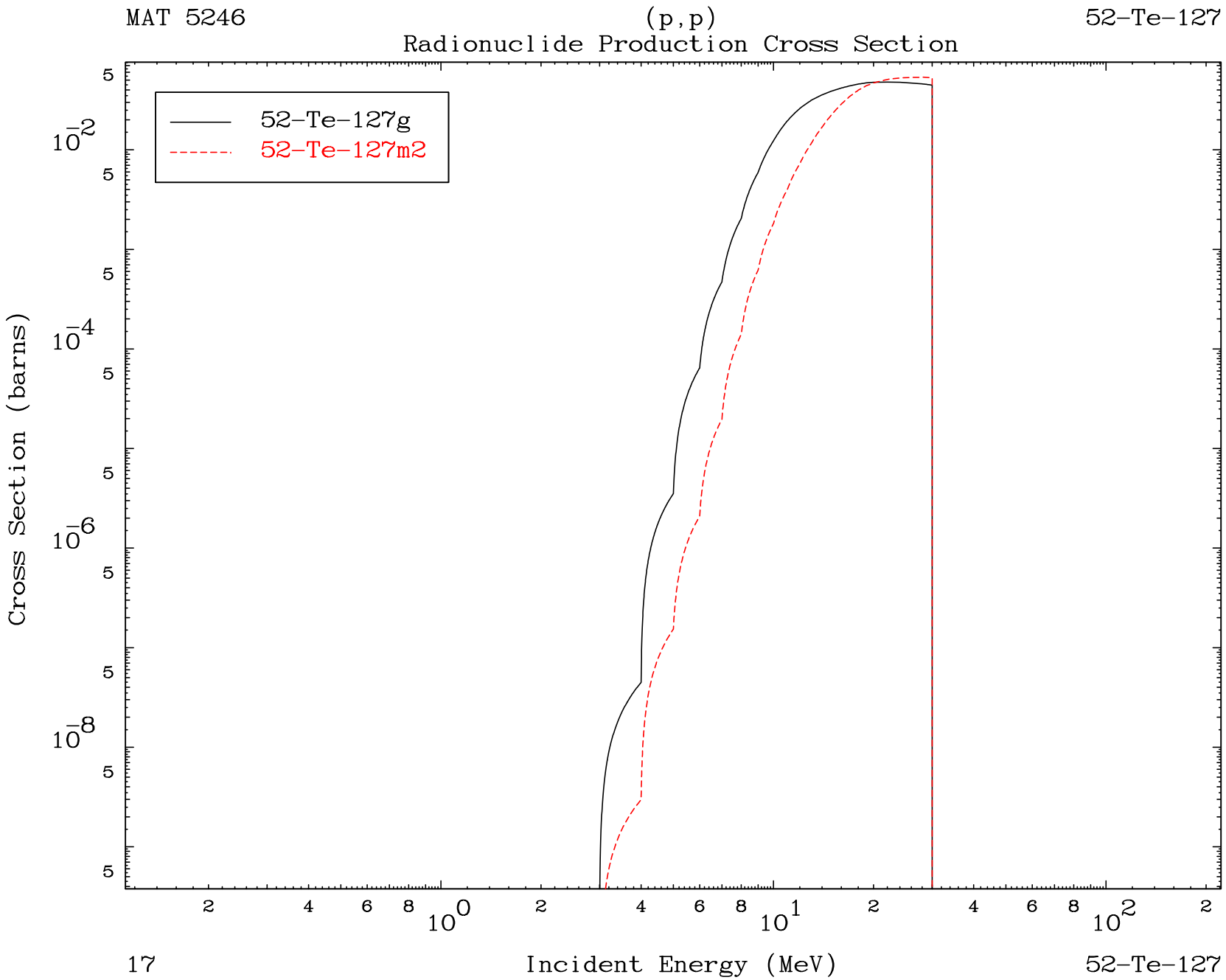

MAT 5246
(p,2n) α
52-Te-127
Radionuclide Production Cross Section
51-Sb-122g
51-Sb-122m5
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
12
52-Te-127

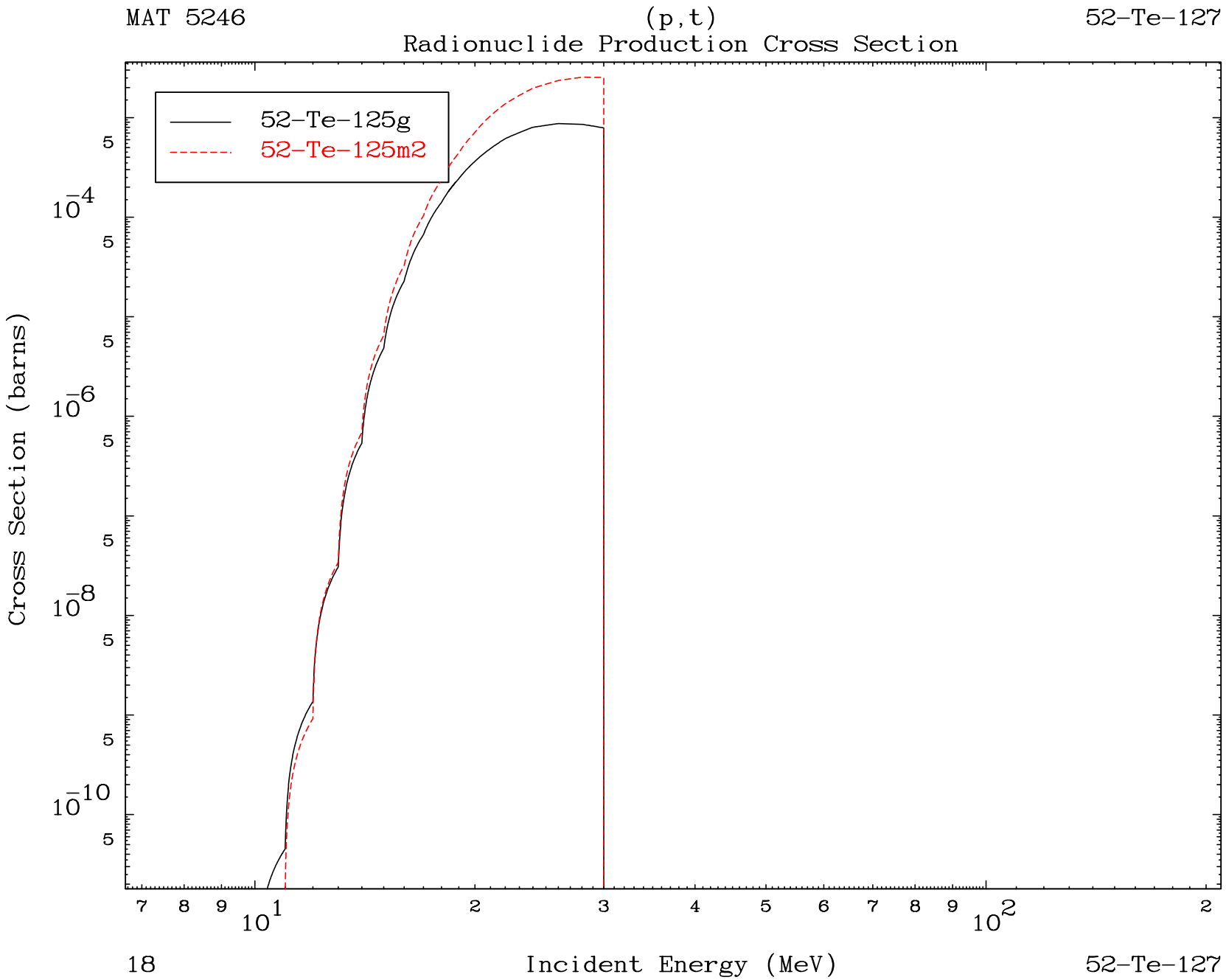

MAT 5246
(p,n') 2α
52-Te-127
Radionuclide Production Cross Section
49-In-119g
49-In-119m1
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
13
Incident Energy (MeV)
52-Te-127

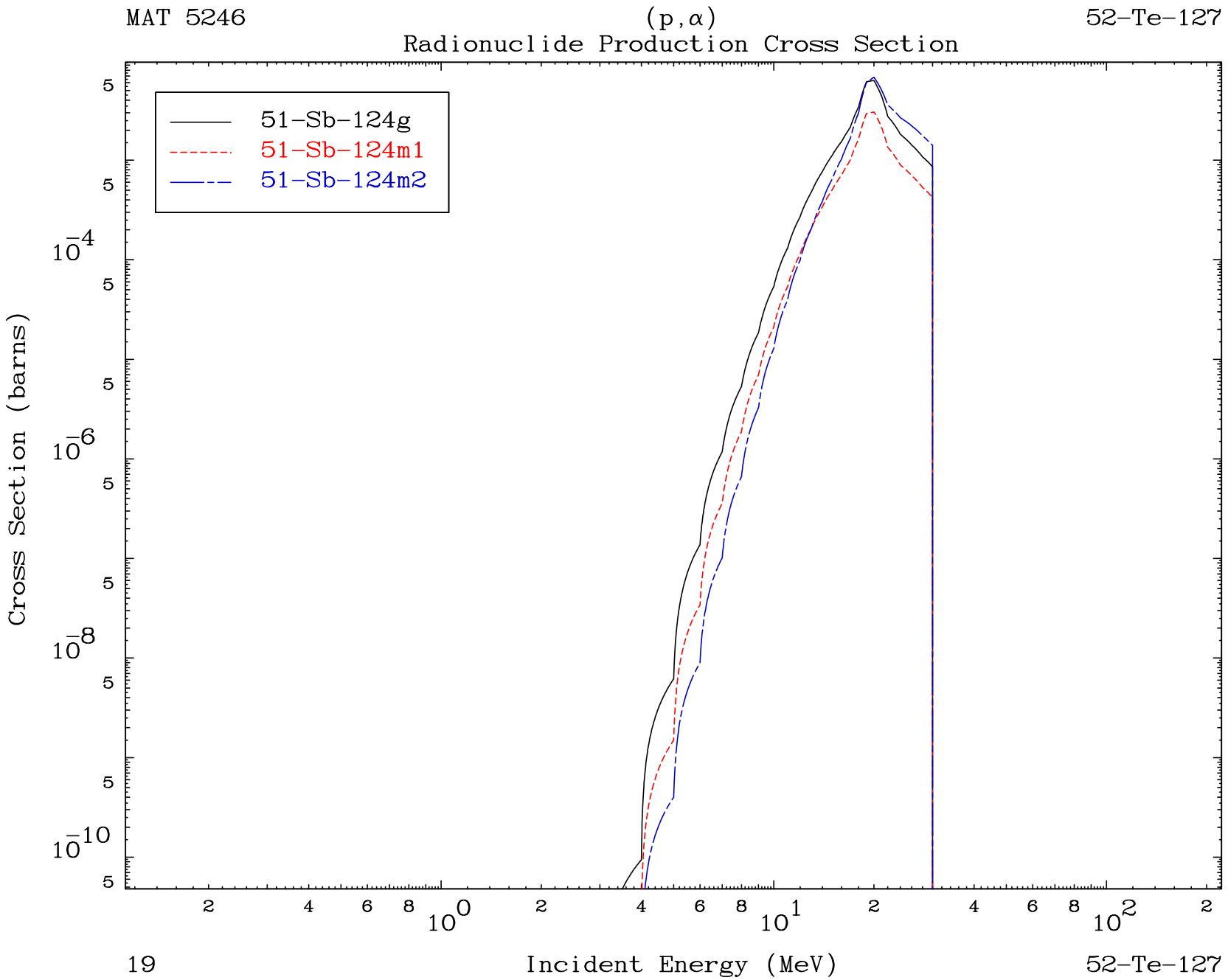

MAT 5246
(p,n') d
52-Te-127
Radionuclide Production Cross Section
52-Te-125g
52-Te-125m2
Cross Section (barns)
Incident Energy (MeV)
14
52-Te-127

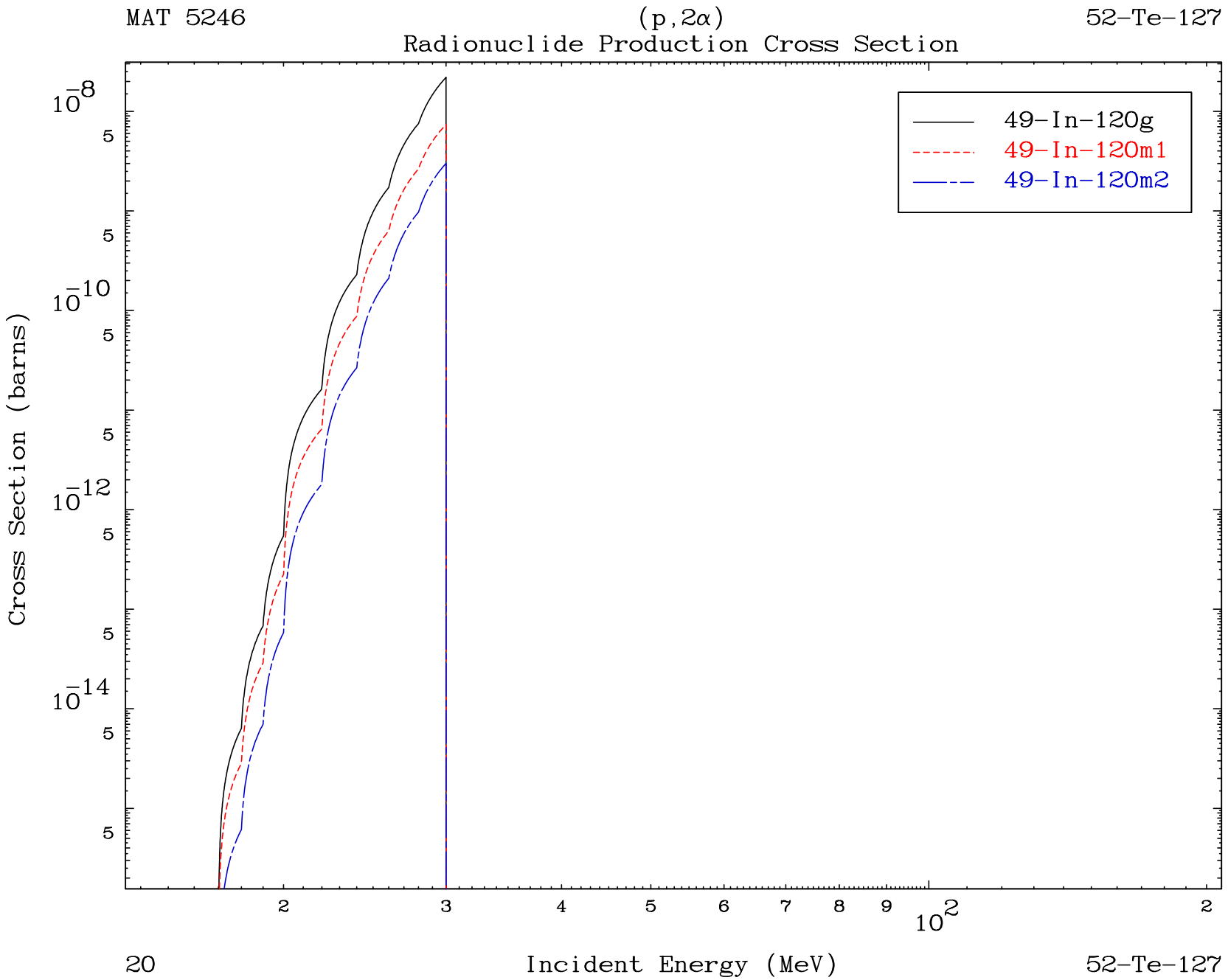

MAT 5246
(p,n') He-3
52-Te-127
Radionuclide Production Cross Section
51-Sb-124g
51-Sb-124m1
51-Sb-124m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
52-Te-127

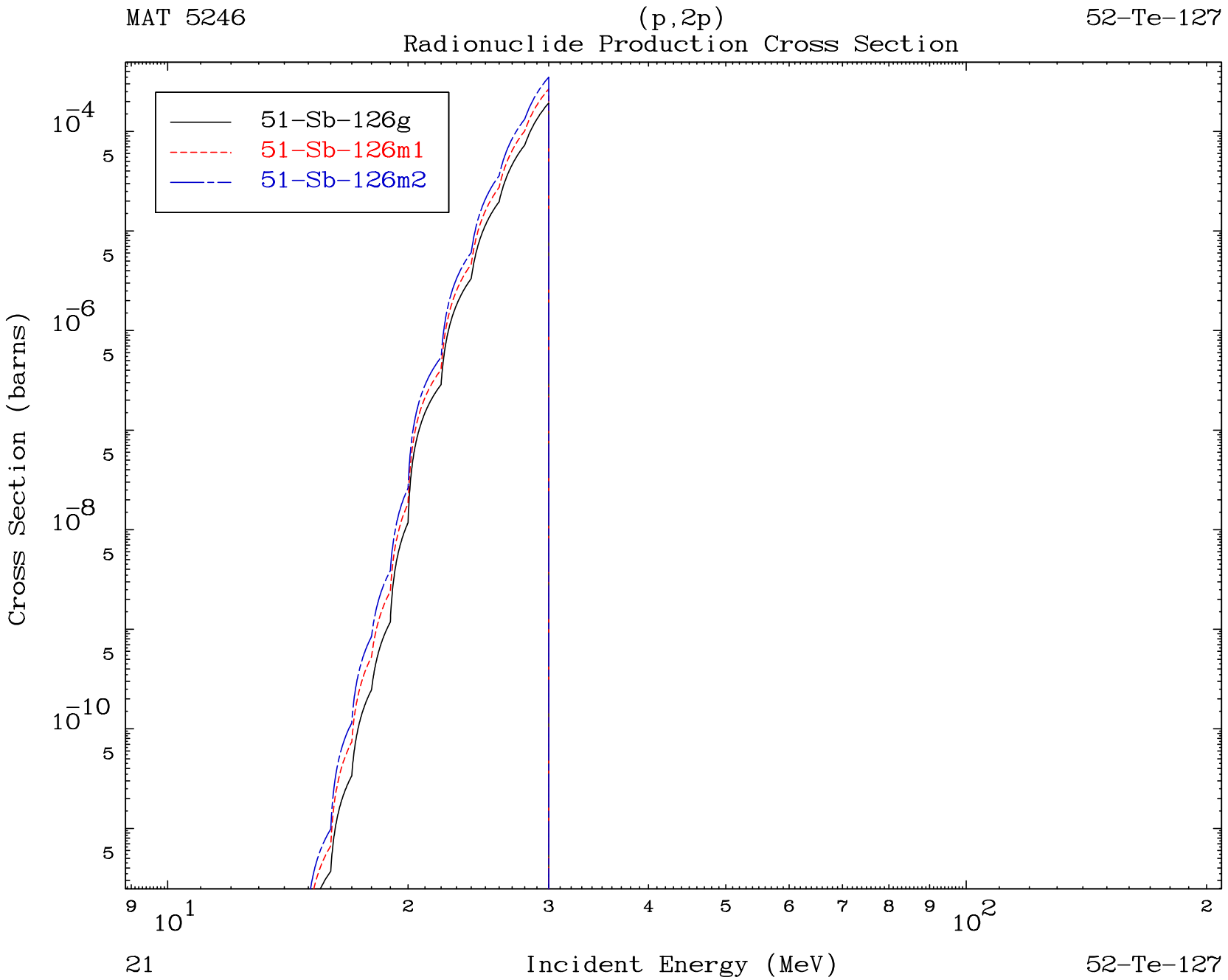

MAT 5246
(p,2n) p
52-Te-127
Radionuclide Production Cross Section
52-Te-125g
52-Te-125m2
Cross Section (barns)
Incident Energy (MeV)
16
52-Te-127

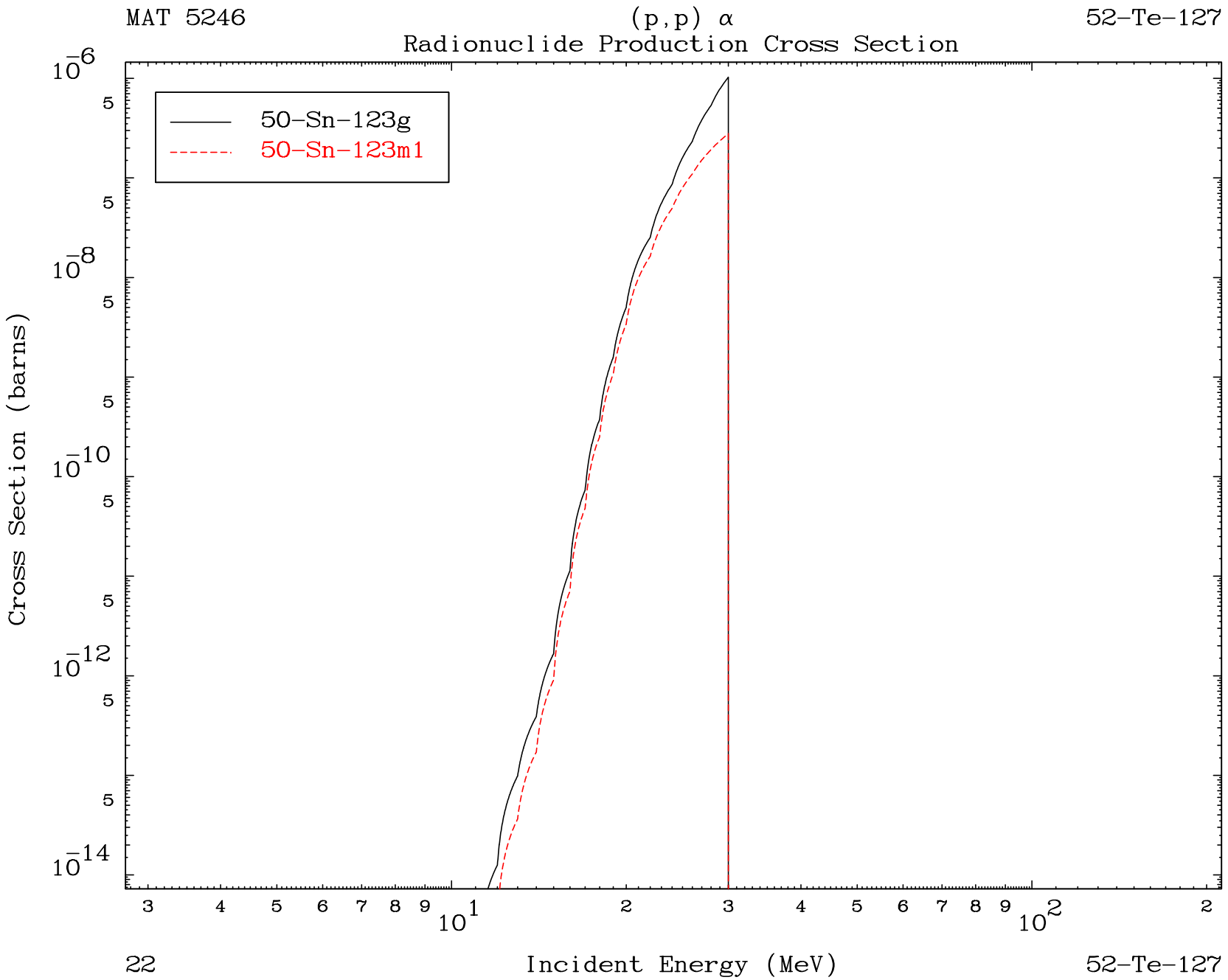

MAT 5246
(p,p)
52-Te-127
Radionuclide Production Cross Section
52-Te-127g
52-Te-127m2
Cross Section (barns)
Incident Energy (MeV)
17
52-Te-127

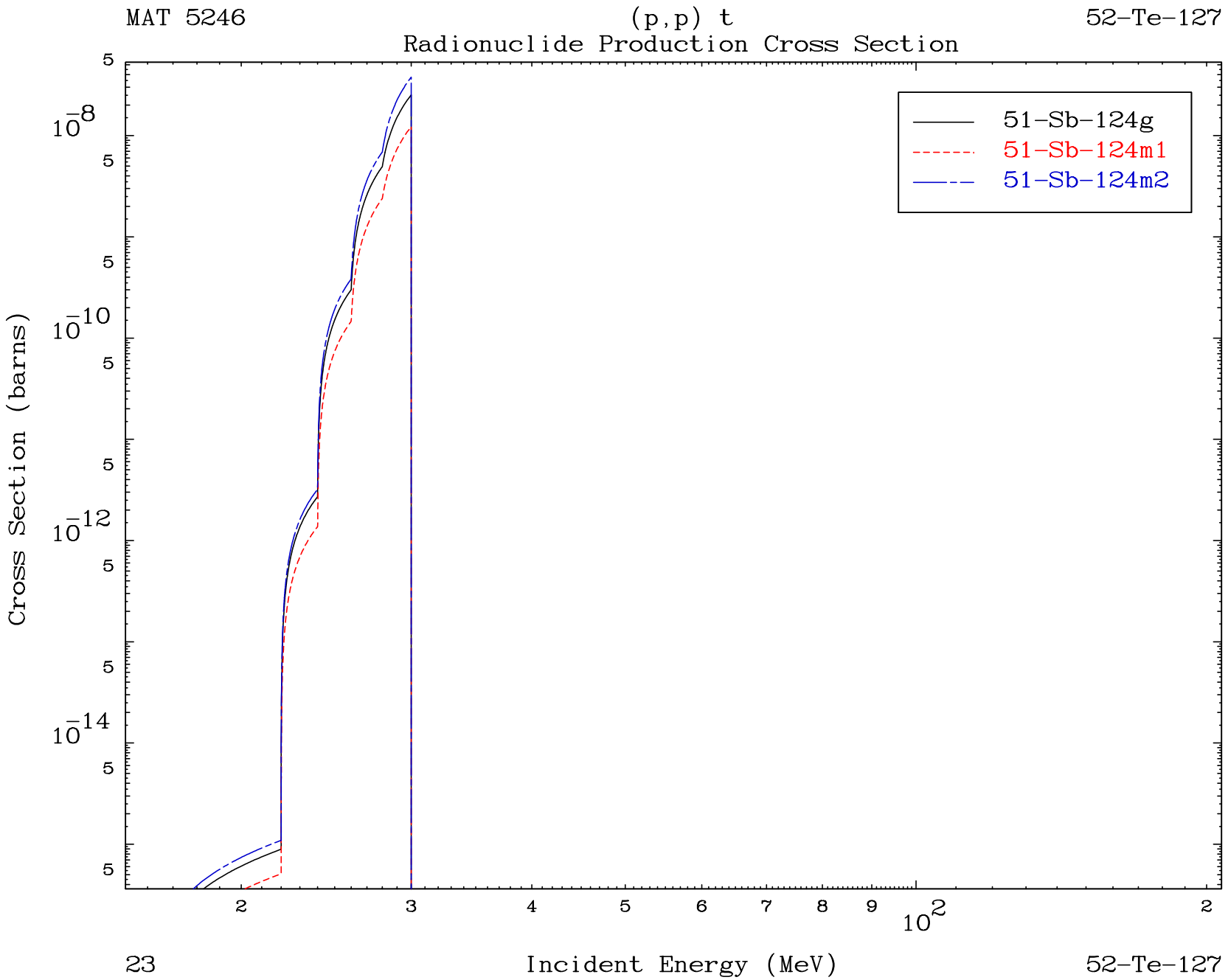

MAT 5246
(p,t)
52-Te-127
Radionuclide Production Cross Section
52-Te-125g
52-Te-125m2
Cross Section (barns)
10-4
10-6
10-8
10-10
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
18
Incident Energy (MeV)
52-Te-127


MAT 5246
(p,α)
52-Te-127
Radionuclide Production Cross Section
51-Sb-124g
51-Sb-124m1
51-Sb-124m2
Cross Section (barns)
Incident Energy (MeV)
19
52-Te-127


MAT 5246
(p,2α)
52-Te-127
Radionuclide Production Cross Section
49-In-120g
49-In-120m1
49-In-120m2
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
6
7
8
9
10 2
Incident Energy (MeV)
20
52-Te-127


MAT 5246
(p,2p)
52-Te-127
Radionuclide Production Cross Section
51-Sb-126g
51-Sb-126m1
51-Sb-126m2
Cross Section (barns)
Incident Energy (MeV)
21
52-Te-127


MAT 5246
(p,p) α
52-Te-127
Radionuclide Production Cross Section
50-Sn-123g
50-Sn-123m1
Cross Section (barns)
Incident Energy (MeV)
22
52-Te-127


MAT 5246
(p,p) t
52-Te-127
Radionuclide Production Cross Section
51-Sb-124g
51-Sb-124m1
51-Sb-124m2
Cross Section (barns)
Incident Energy (MeV)
23
52-Te-127