Program EVALPLOT
(Version 2017-1)
by
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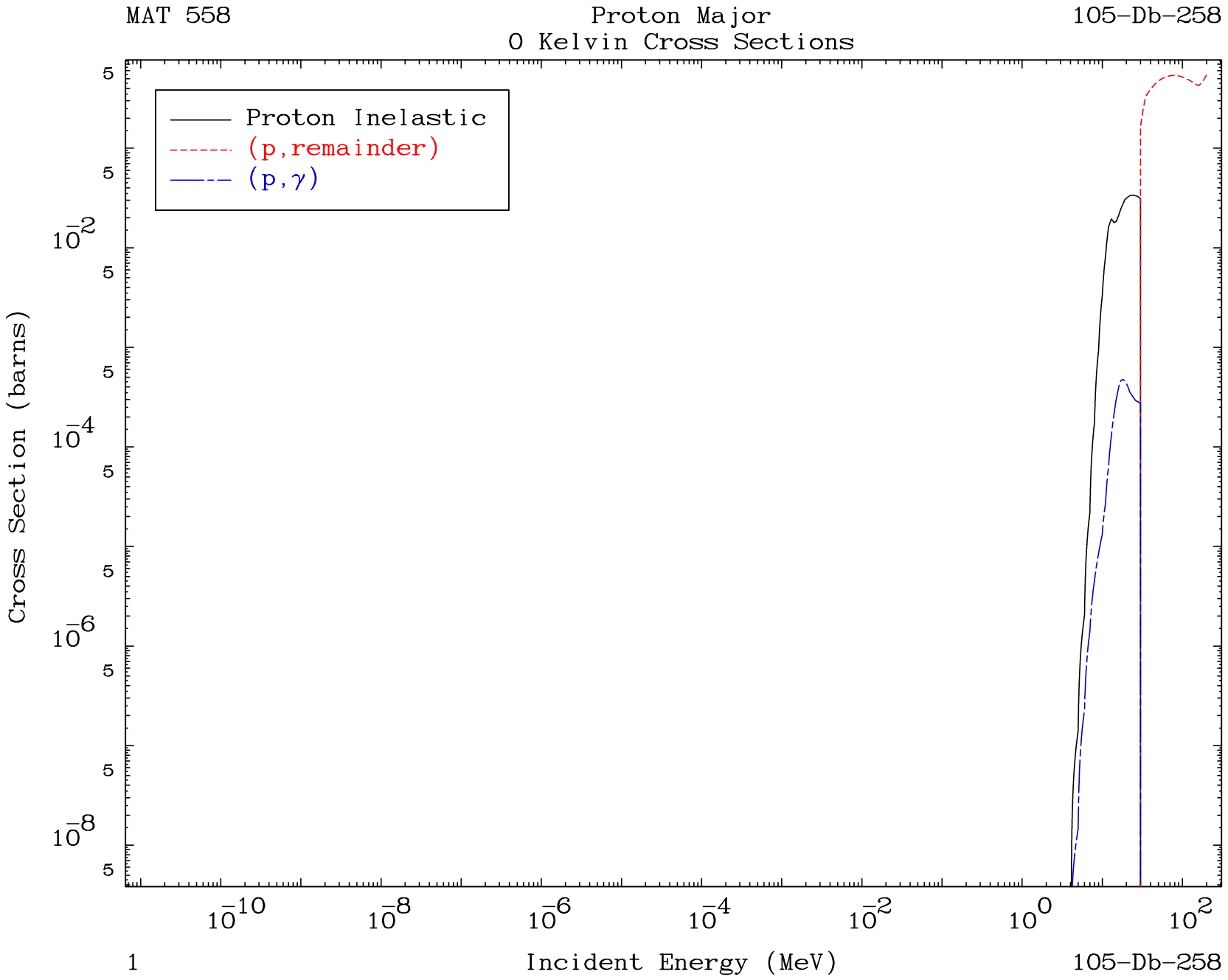
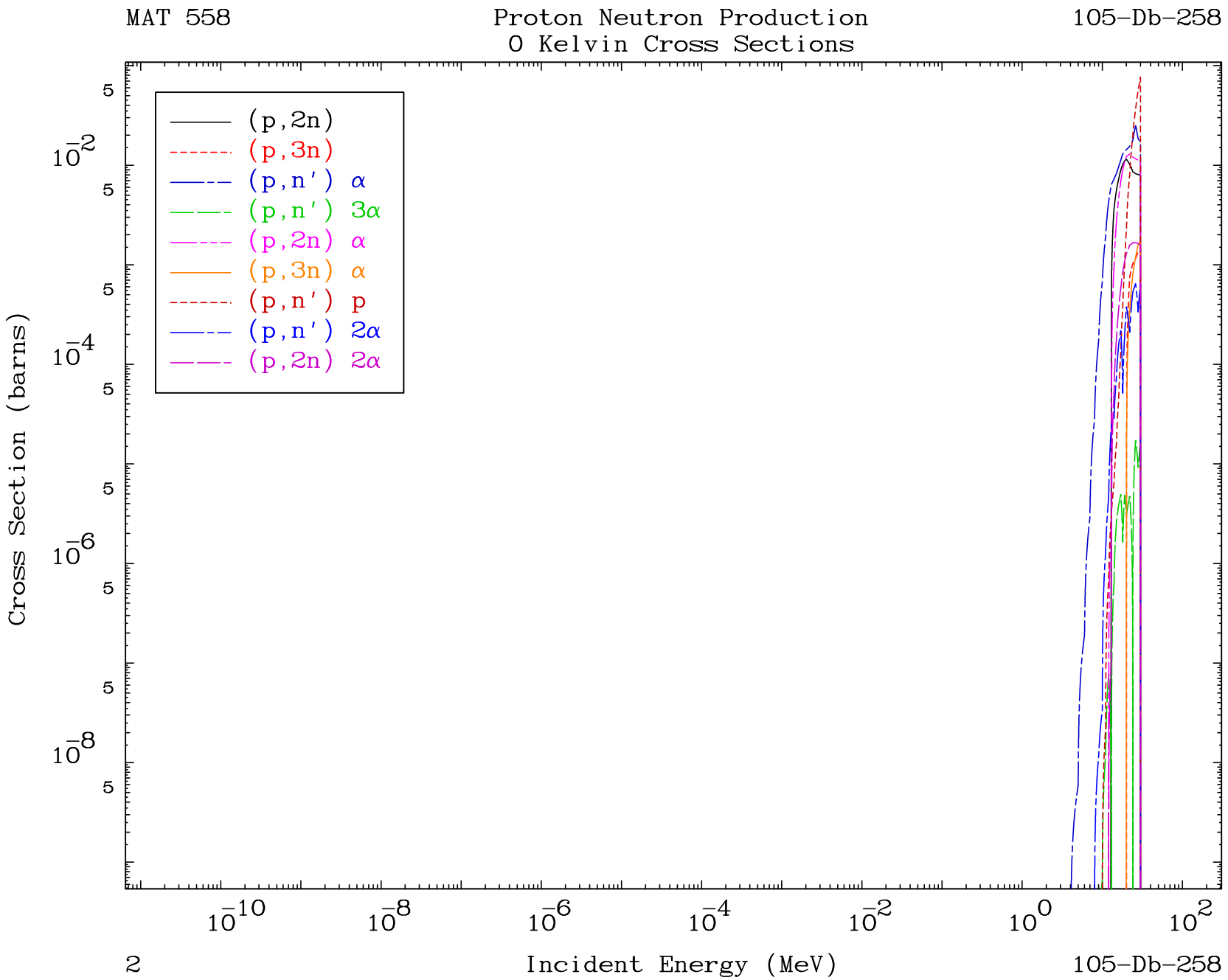
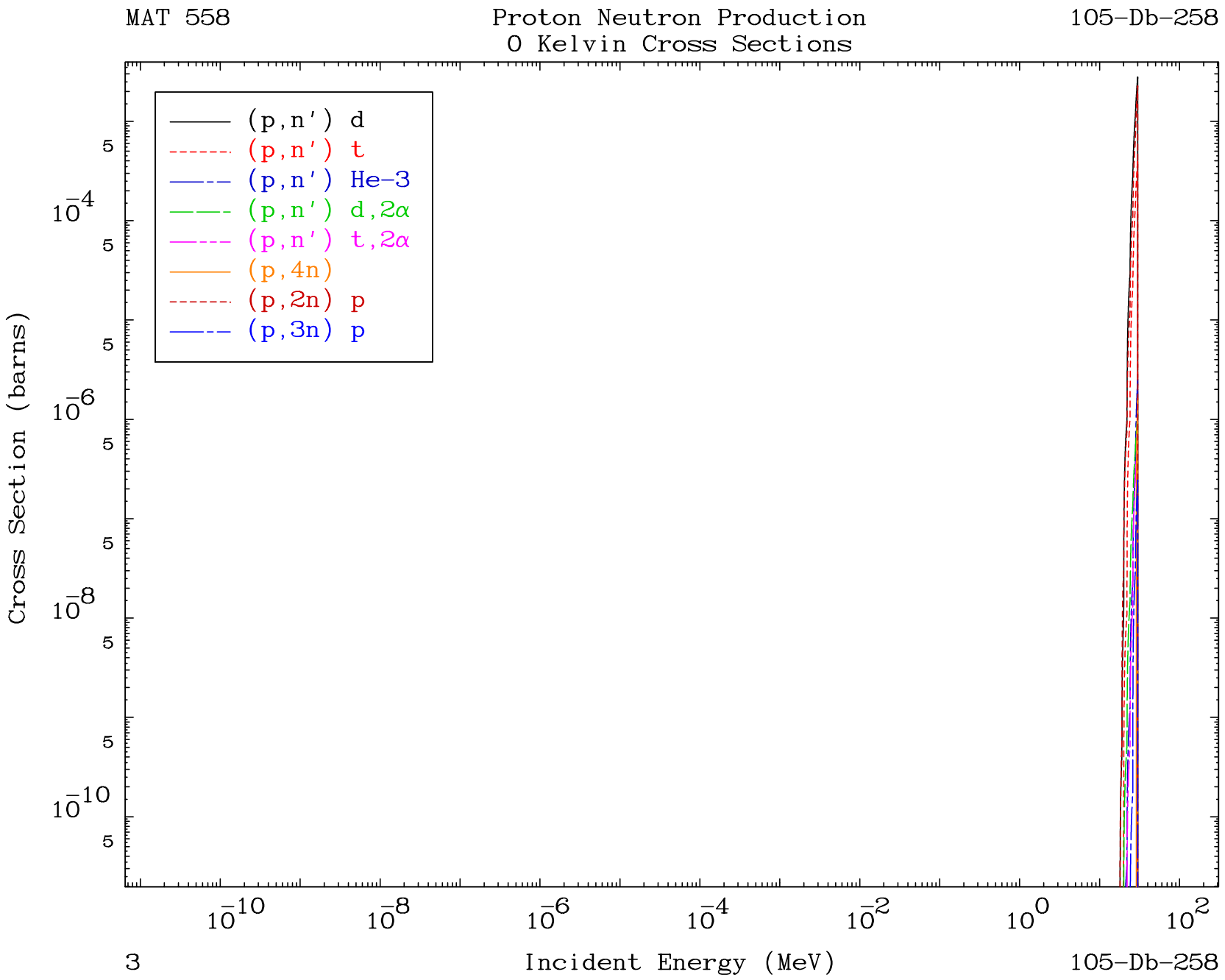
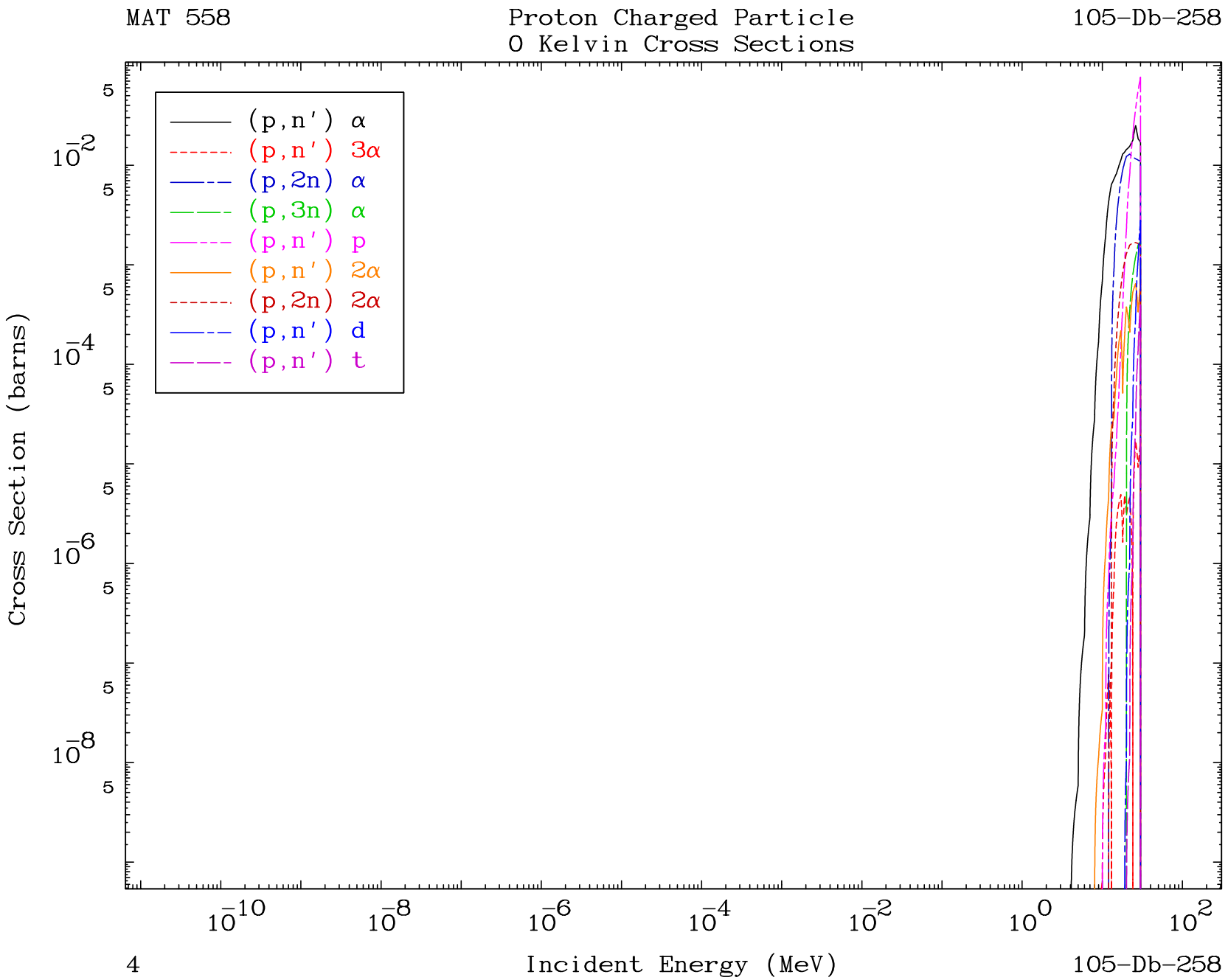
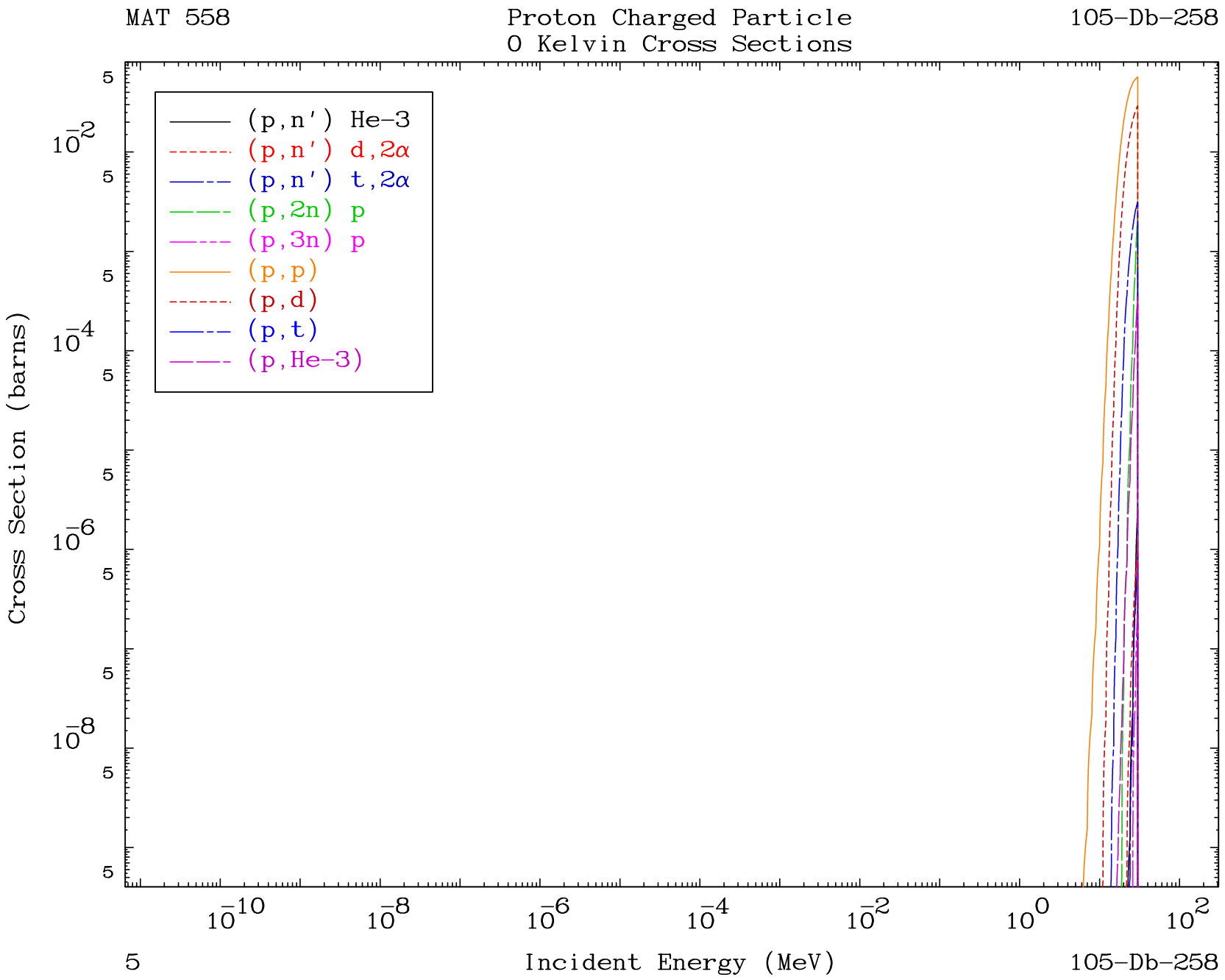
Press Mouse Button to Start

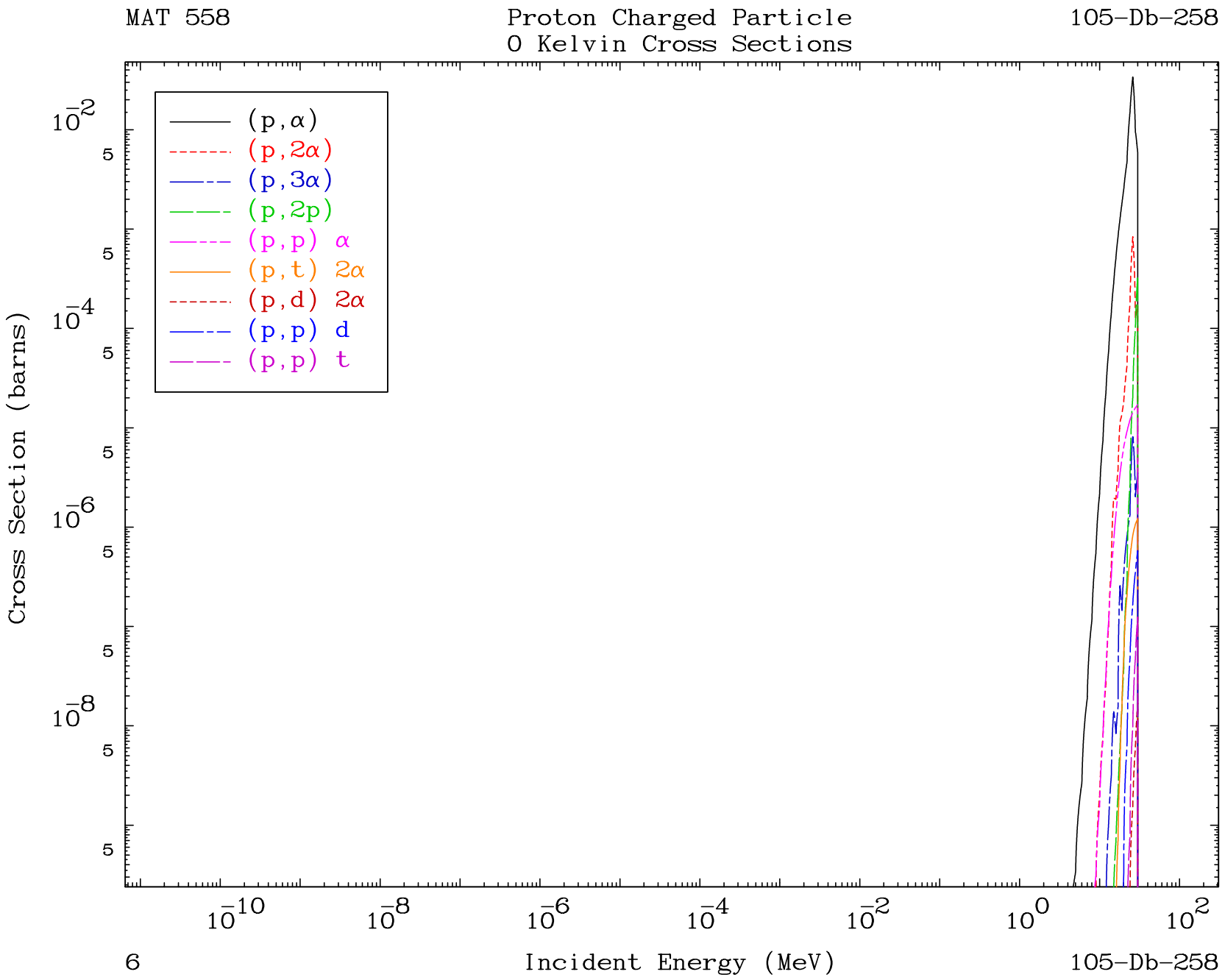

MAT 558
Proton Major
105-Db-258
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
105-Db-258
1

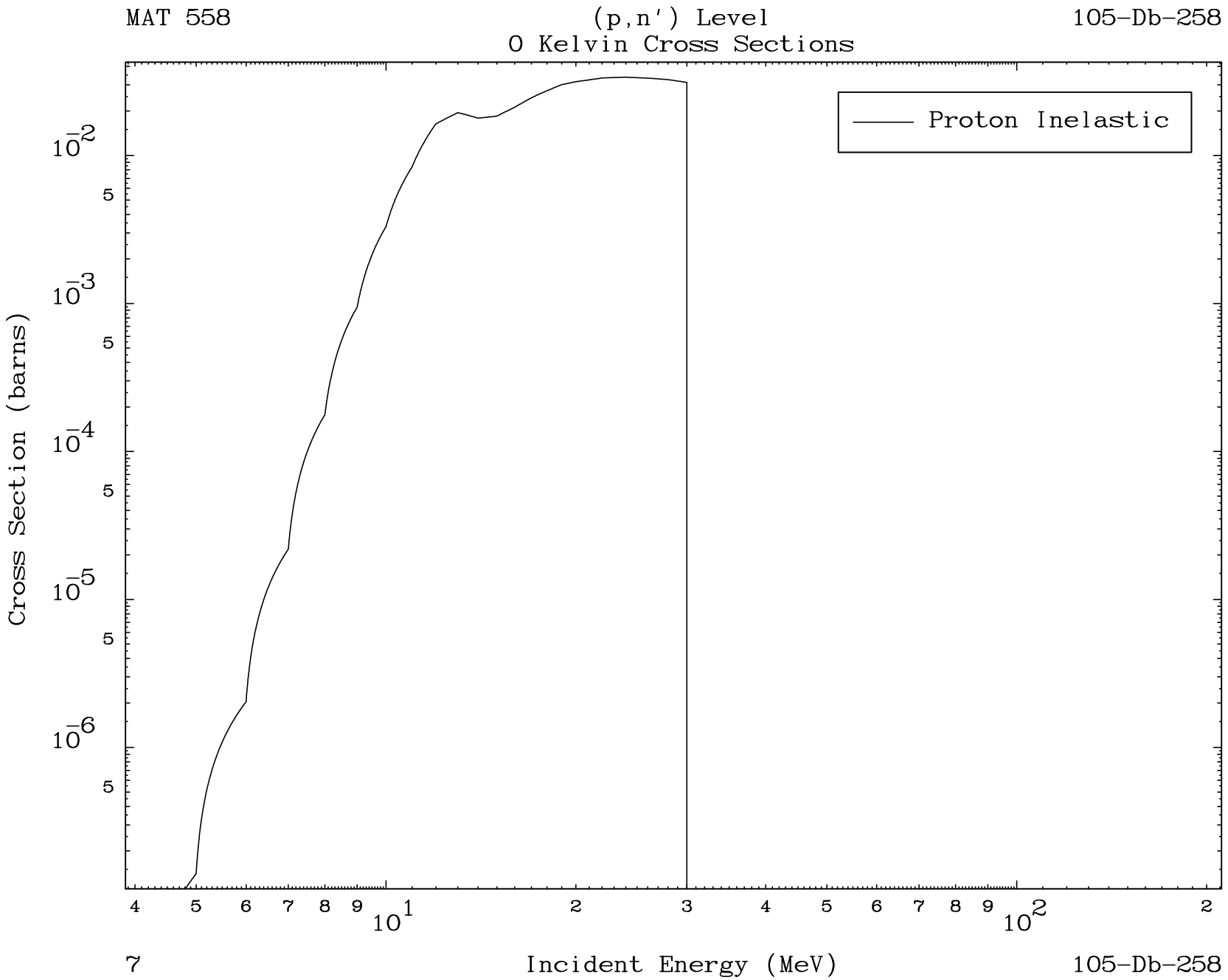

MAT 558
Proton Neutron Production
0 Kelvin Cross Sections
105-Db-258
(p,2n)
(p,3n)
(p,n') α
(p,n') 3α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
(p,2n) 2α
Cross Section (barns)
Incident Energy (MeV)
2
105-Db-258

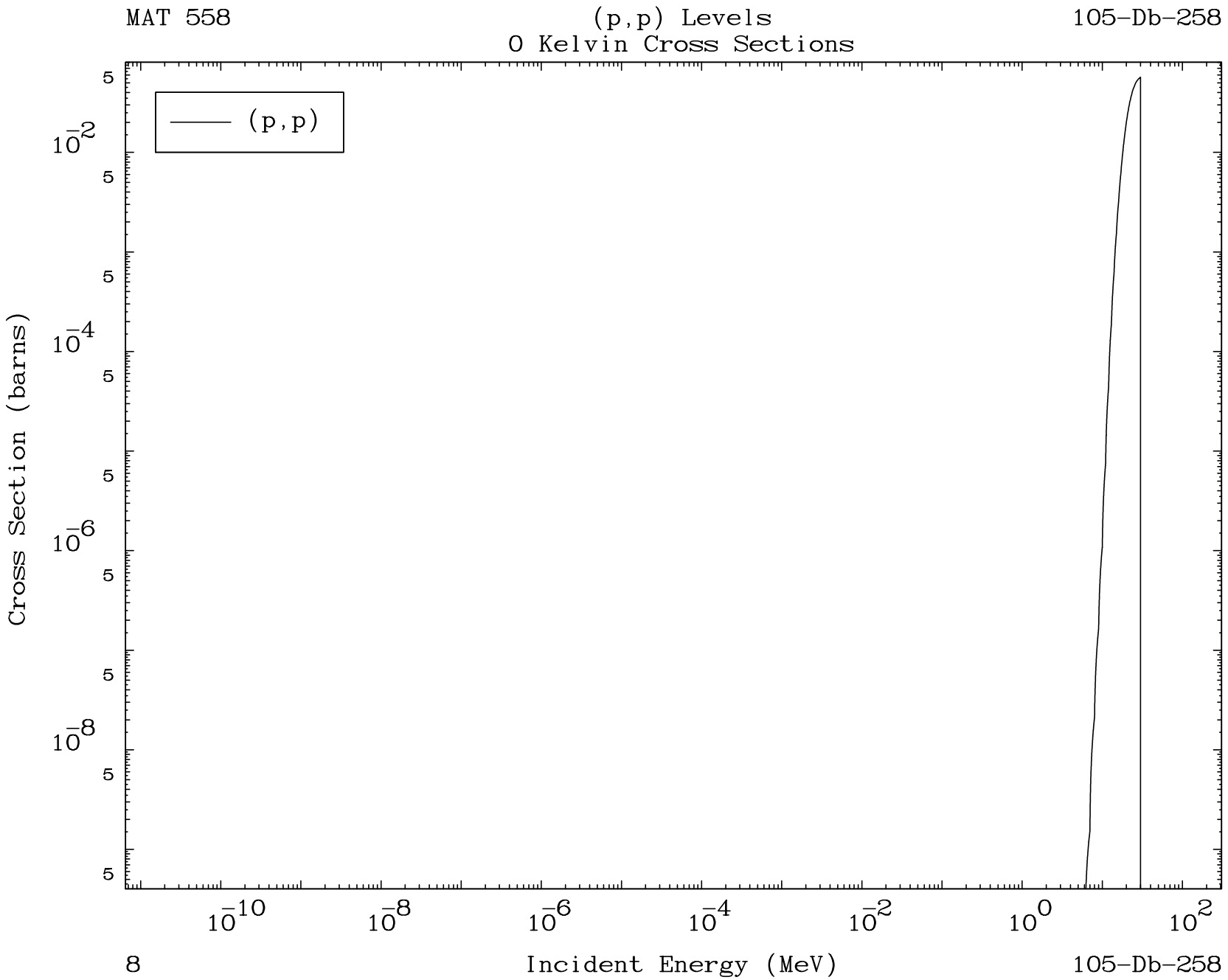

MAT 558
Proton Neutron Production
0 Kelvin Cross Sections
105-Db-258
(p,n') d
(p,n') t
(p,n') He-3
(p,n') d,2α
(p,n') t,2α
(p,4n)
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
105-Db-258

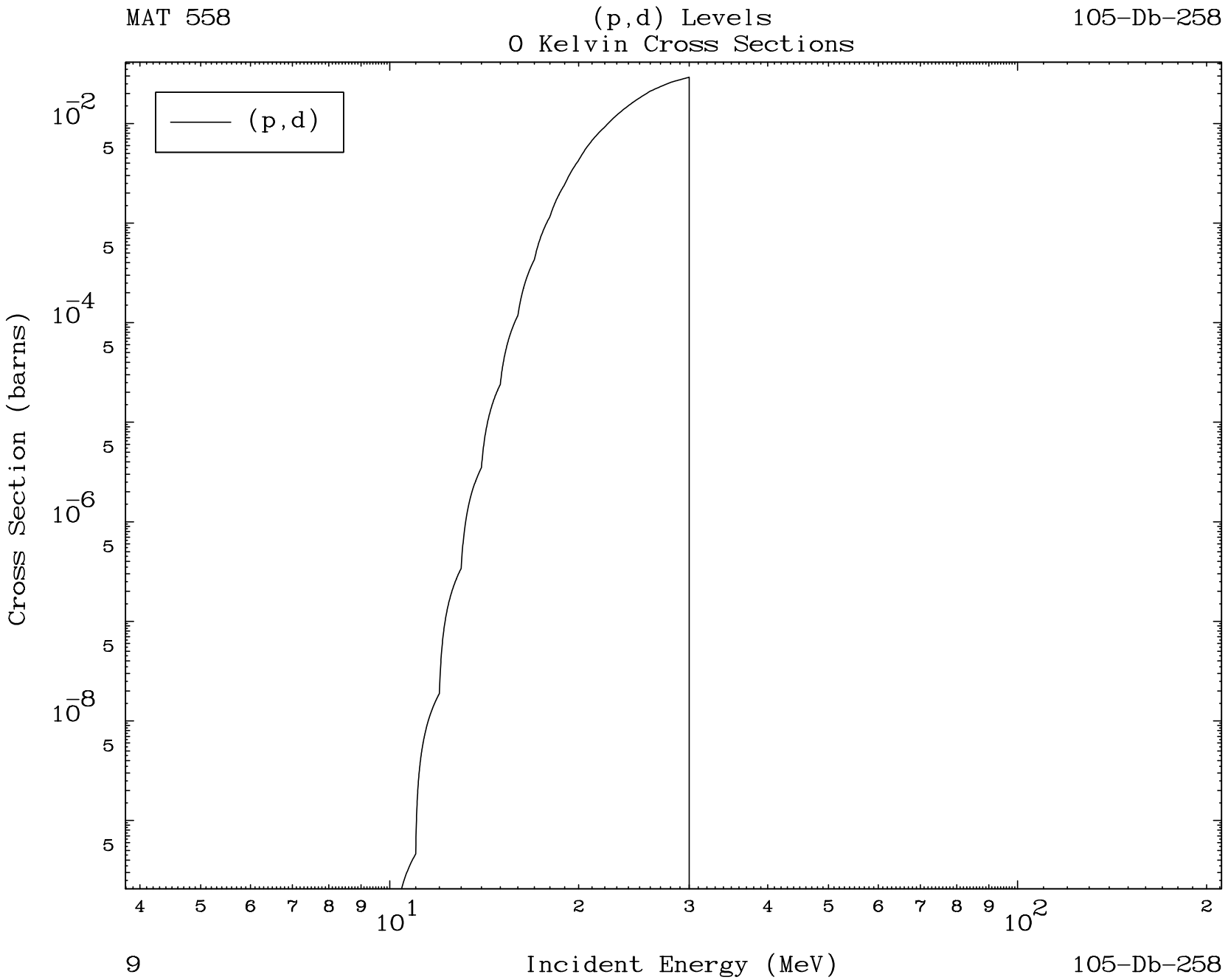

MAT 558
Proton Charged Particle
0 Kelvin Cross Sections
105-Db-258
(p,n') α
(p,n') 3α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
(p,2n) 2α
(p,n') d
(p,n') t
Cross Section (barns)
Incident Energy (MeV)
4
105-Db-258

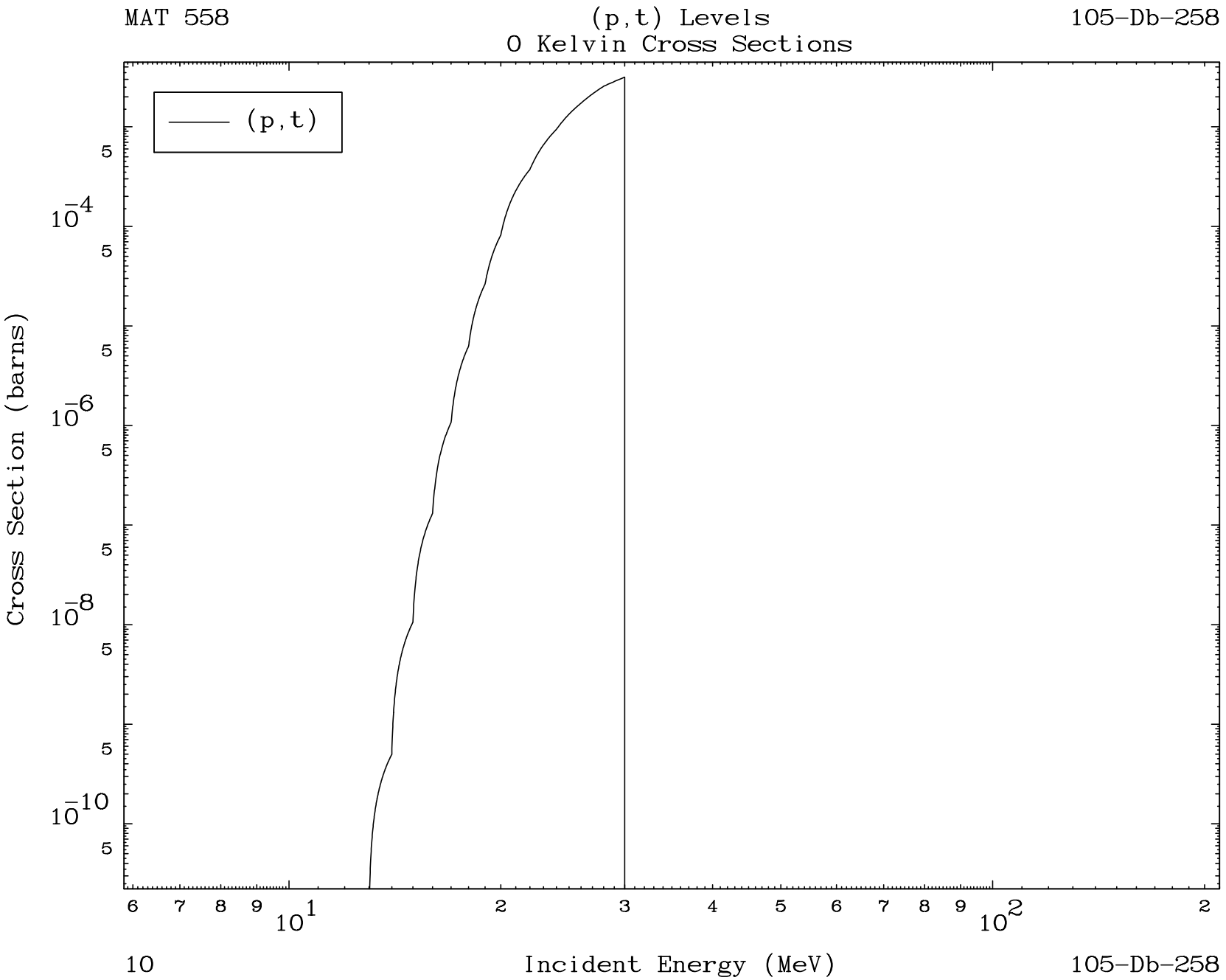

MAT 558
Proton Charged Particle
0 Kelvin Cross Sections
105-Db-258
(p,n') He-3
(p,n') d,2α
(p,n') t,2α
(p,2n) p
(p,3n) p
(p,p)
(p,d)
(p,t)
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
105-Db-258

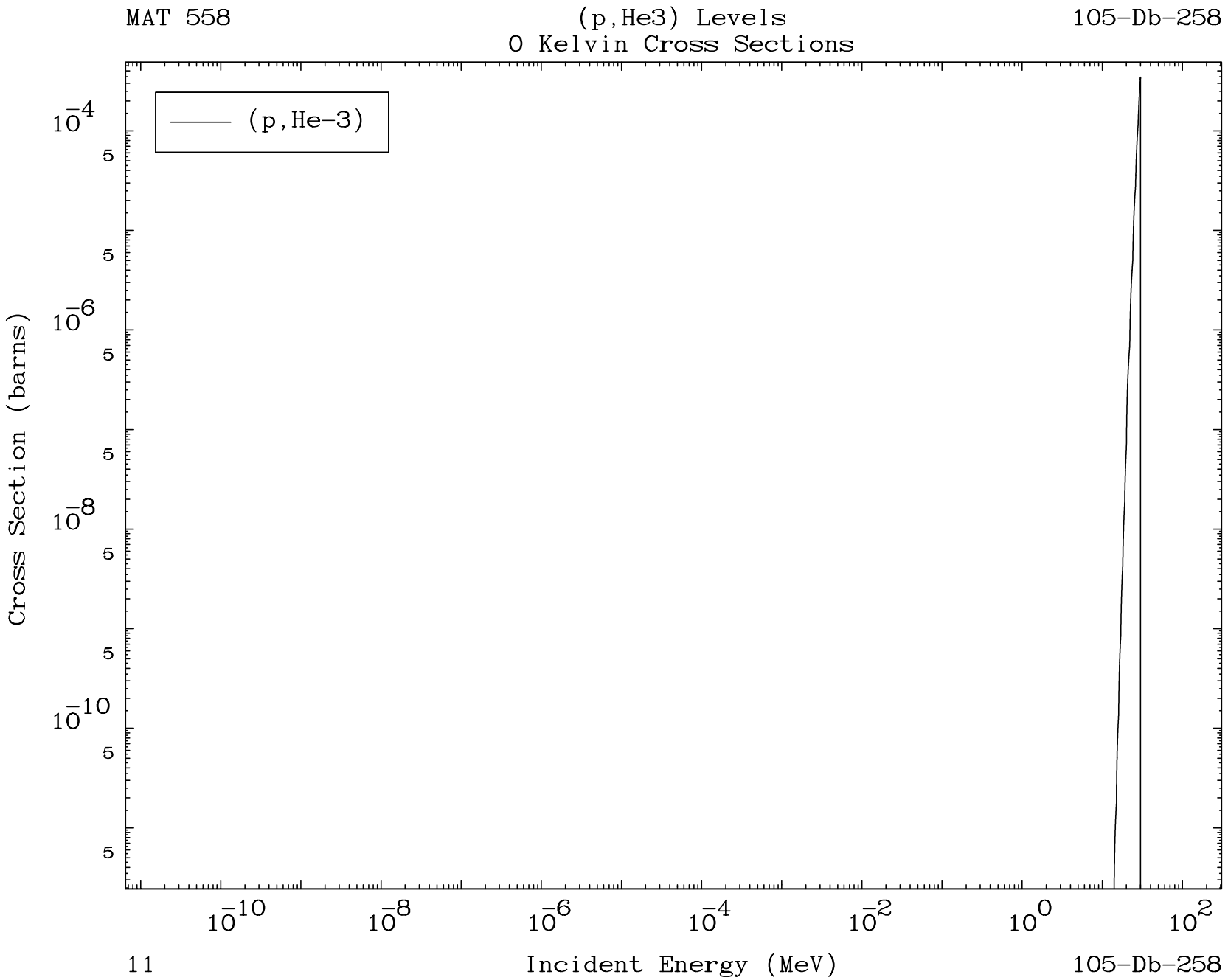

MAT 558
Proton Charged Particle
0 Kelvin Cross Sections
105-Db-258
(p,α)
(p,2α)
(p,3α)
(p,2p)
(p,p) α
(p,t) 2α
(p,d) 2α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
6
105-Db-258

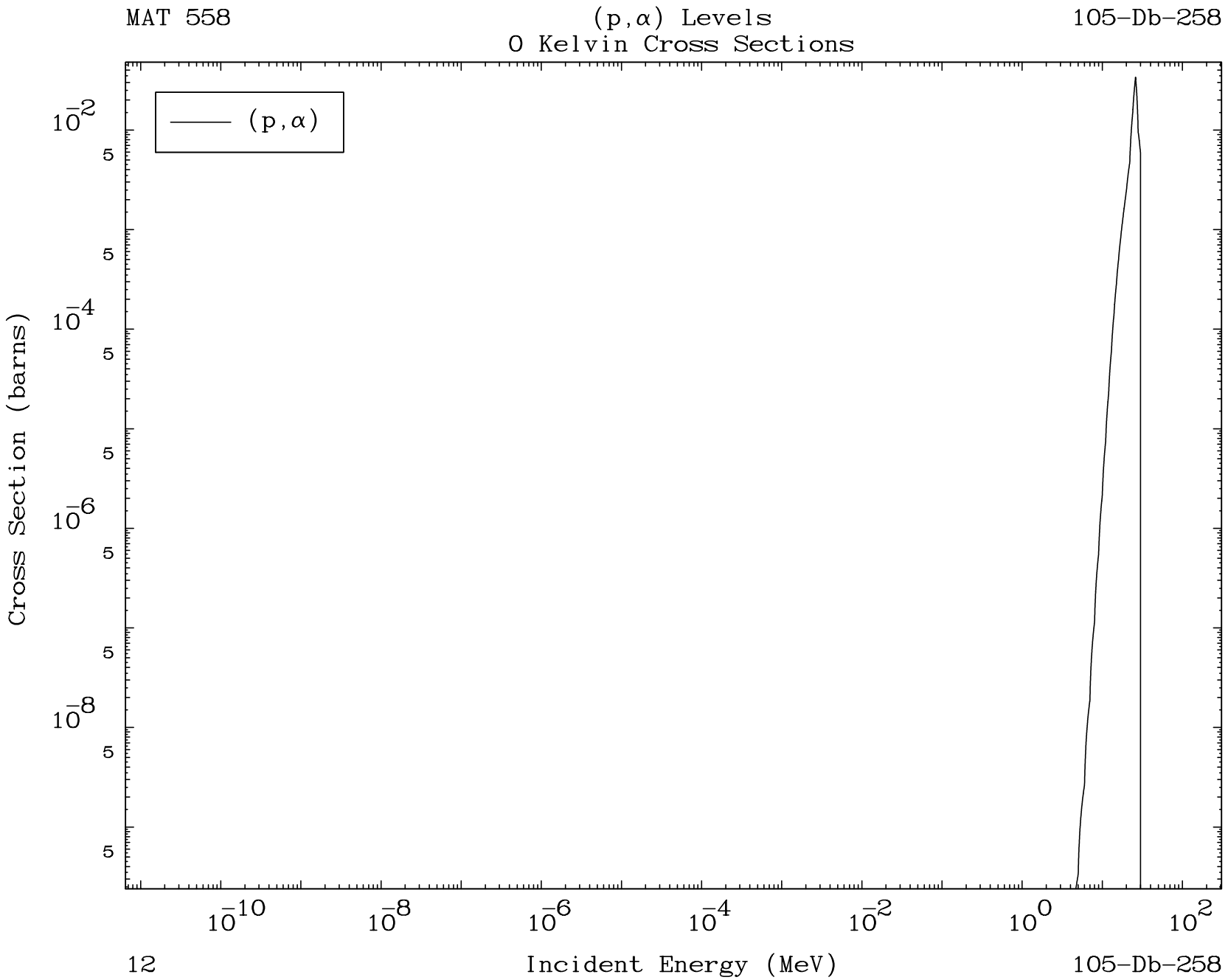

MAT 558
(p,n') Level
105-Db-258
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
10-2
10-3
10-4
10-5
10-6
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
7
105-Db-258

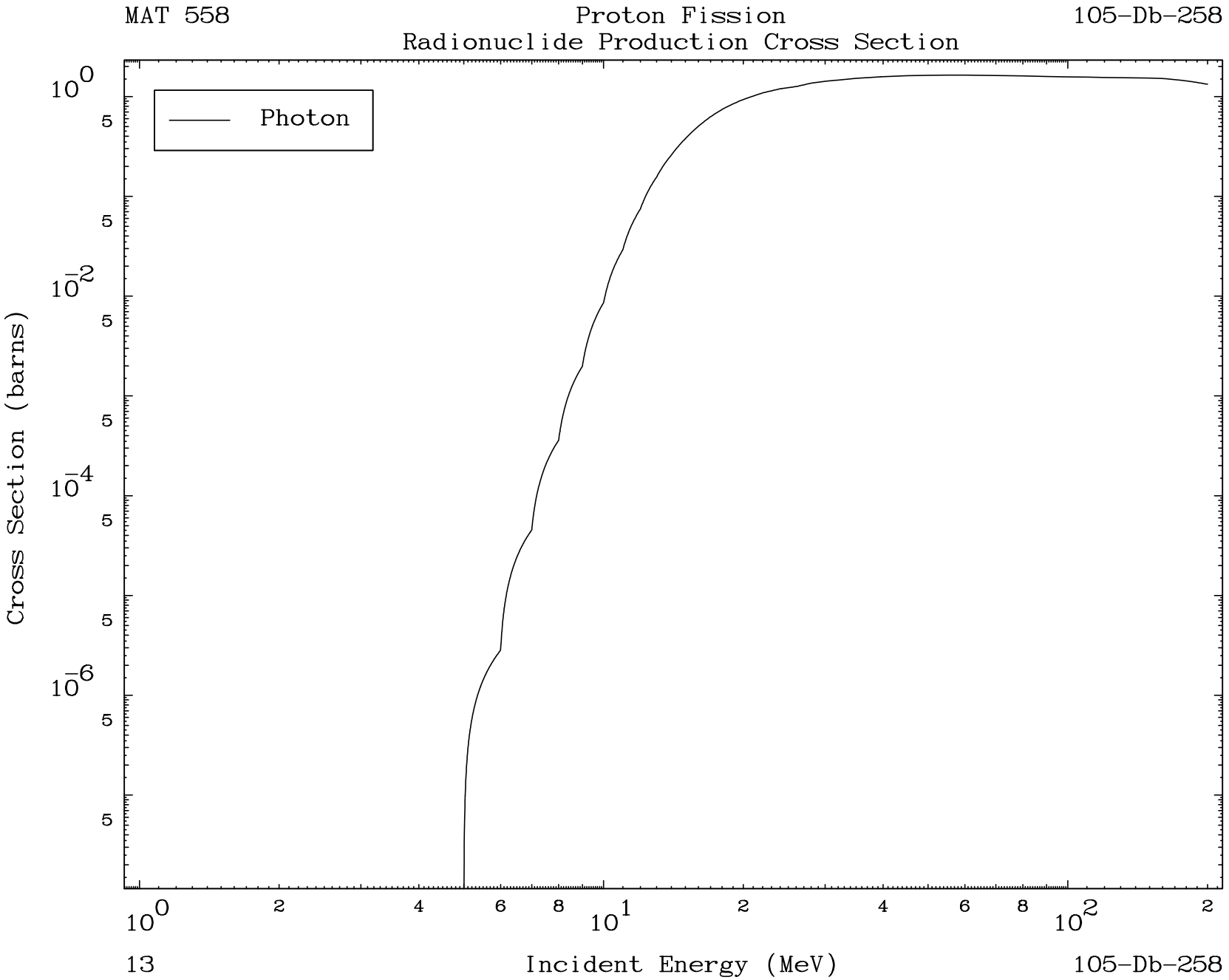

MAT 558
(p,p) Levels
105-Db-258
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
8
105-Db-258

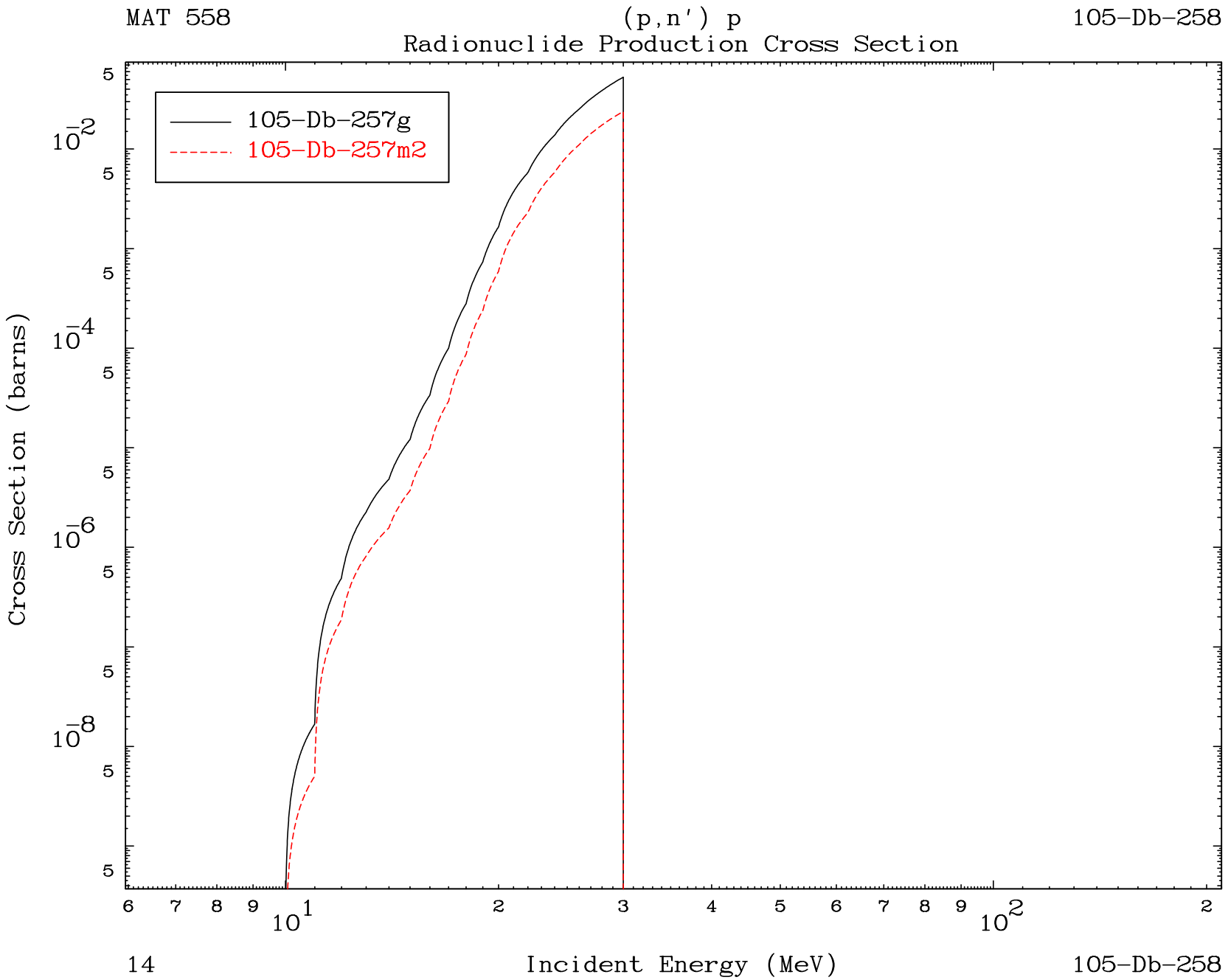

MAT 558
(p,d) Levels
105-Db-258
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
Incident Energy (MeV)
9
105-Db-258

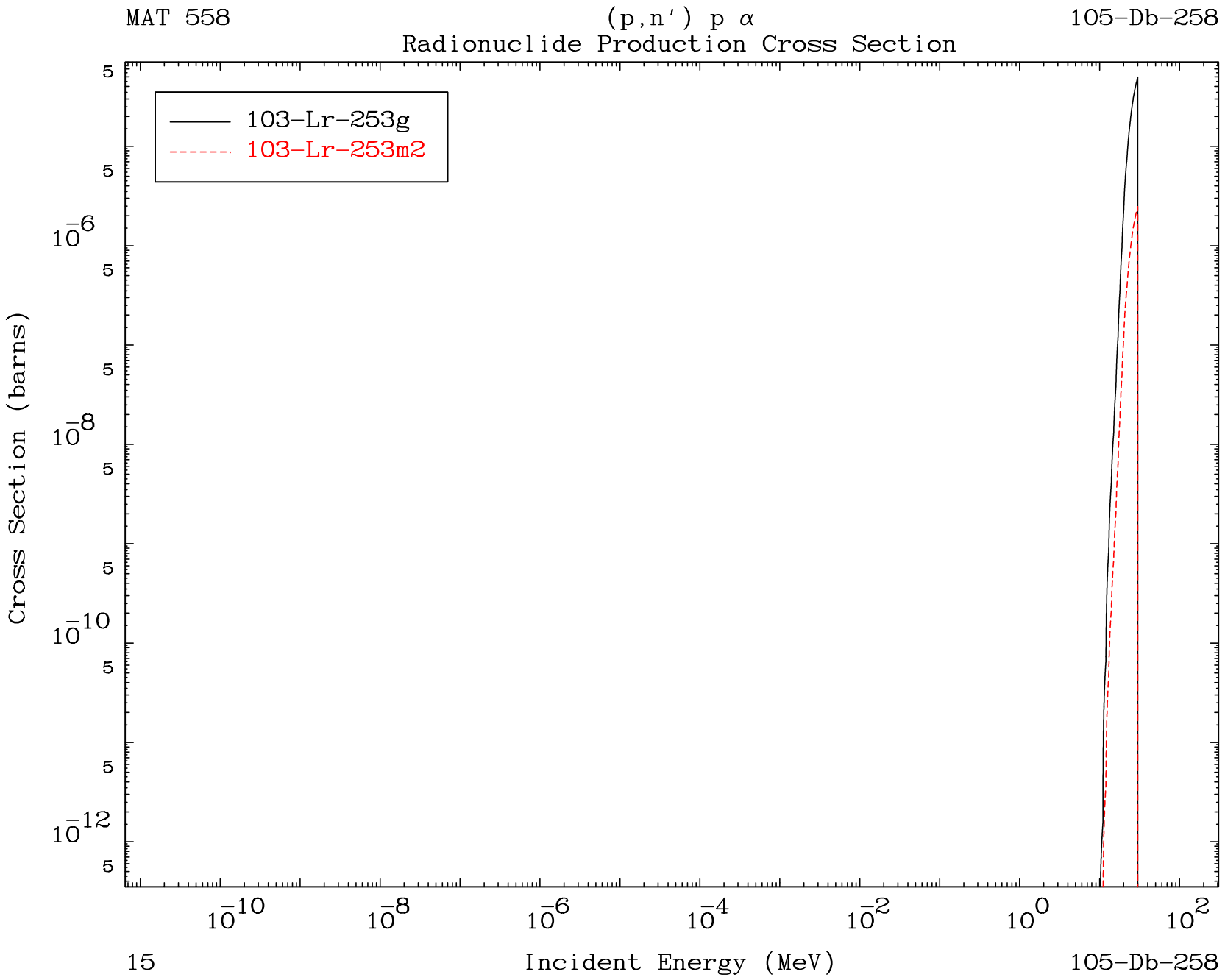

MAT 558
(p,t) Levels
105-Db-258
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
105-Db-258

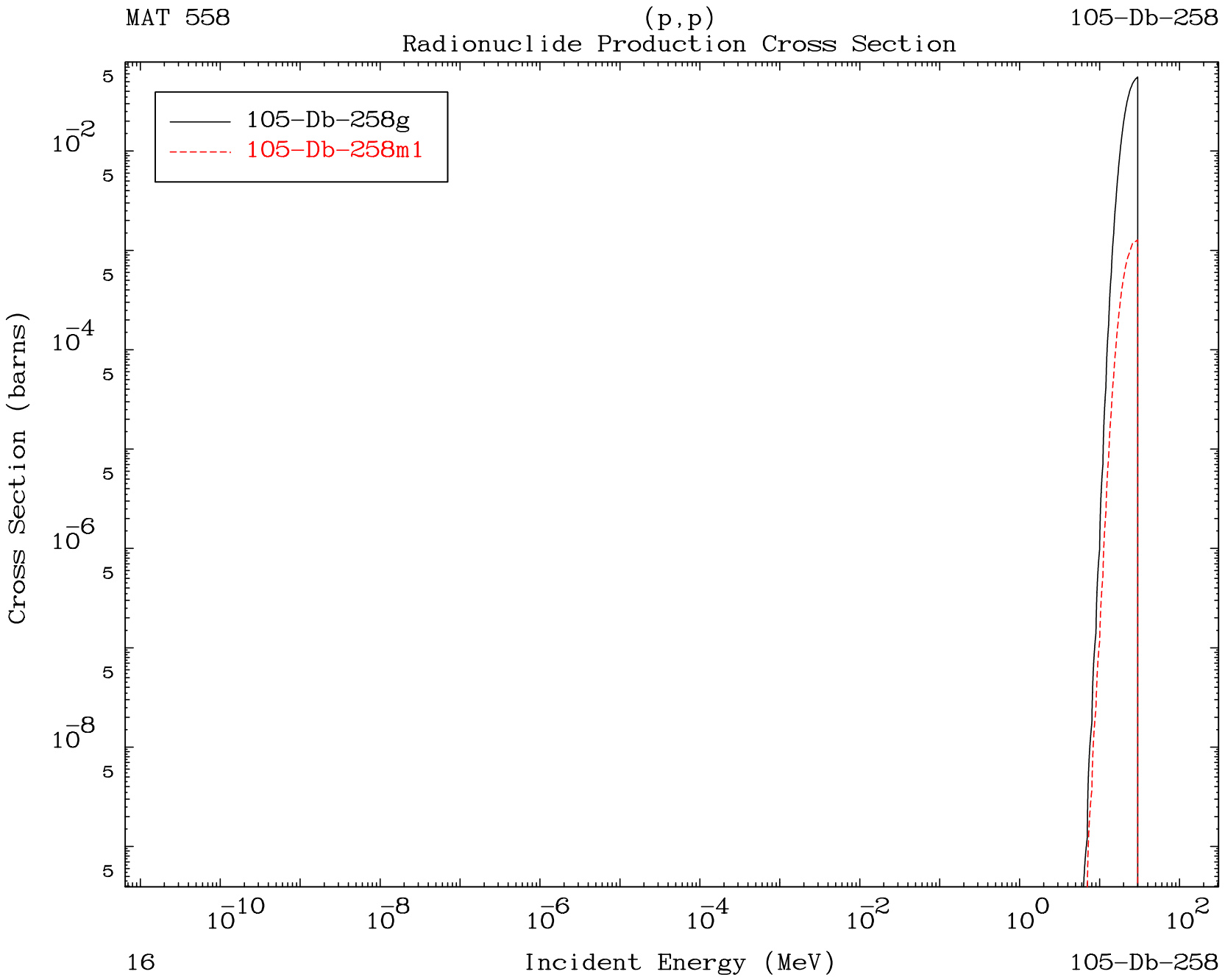

MAT 558
(p,He3) Levels
105-Db-258
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
105-Db-258

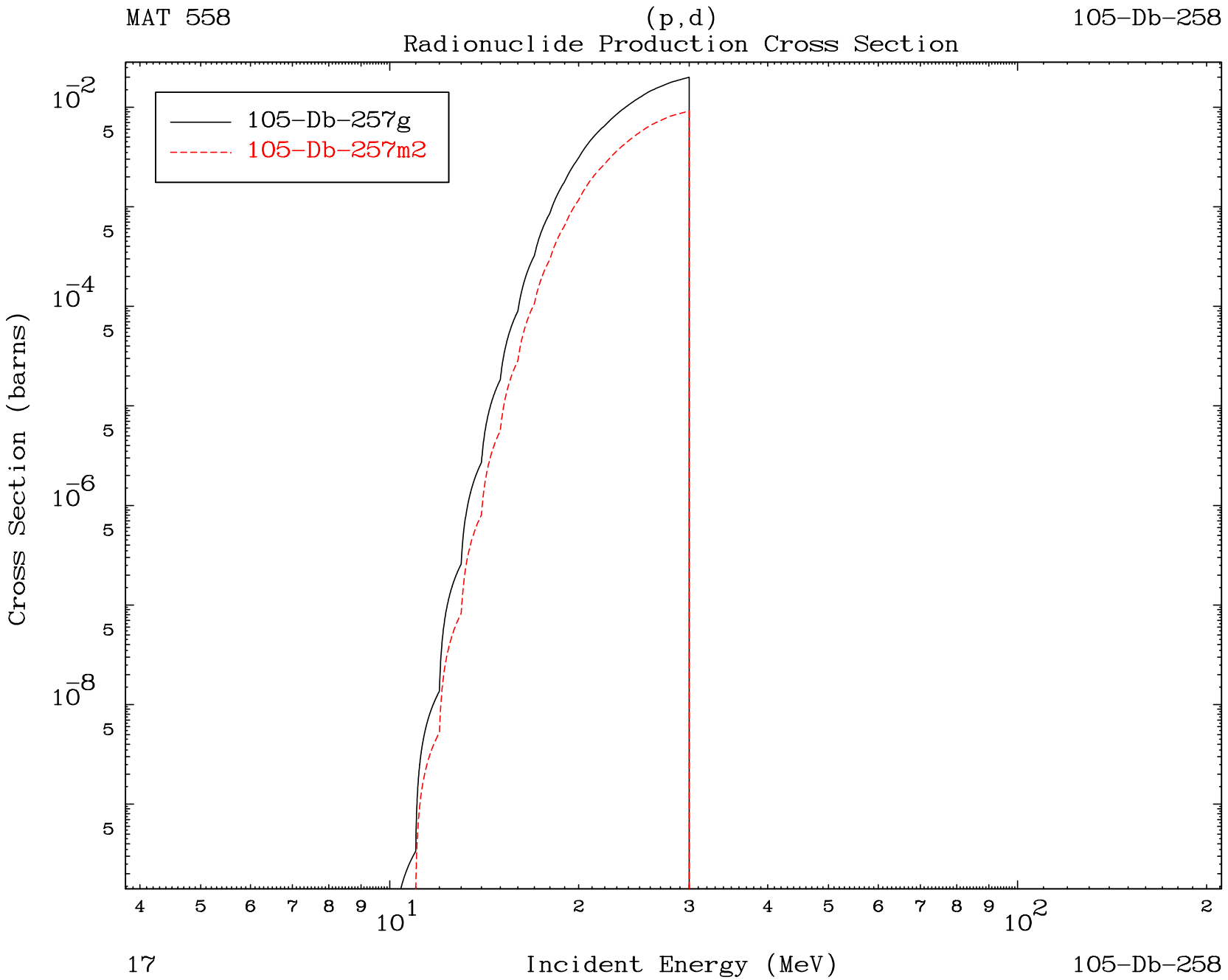

MAT 558
(p,α) Levels
105-Db-258
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
12
105-Db-258

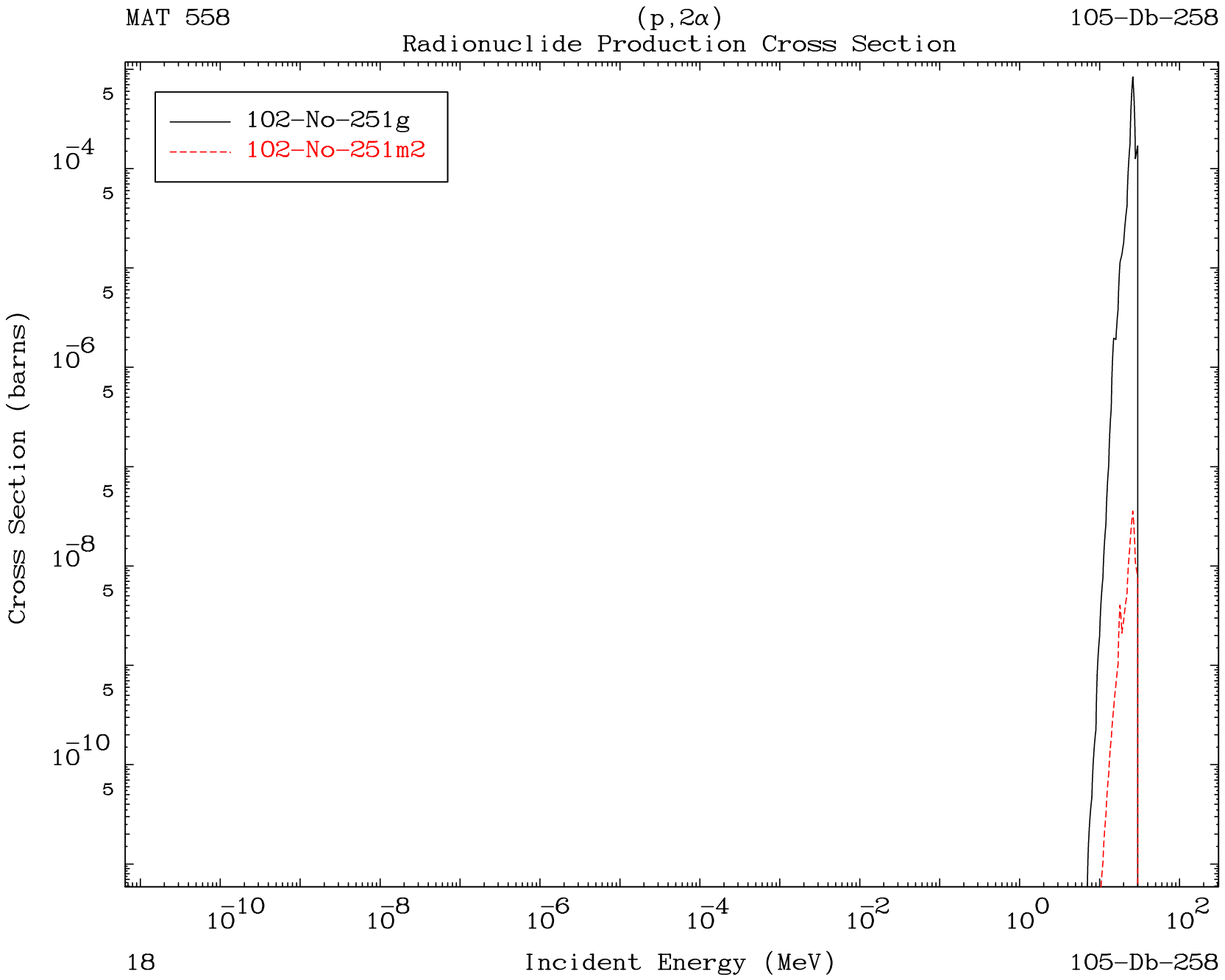

MAT 558
Proton Fission
105-Db-258
Radionuclide Production Cross Section
Photon
Cross Section (barns)
Incident Energy (MeV)
13
105-Db-258

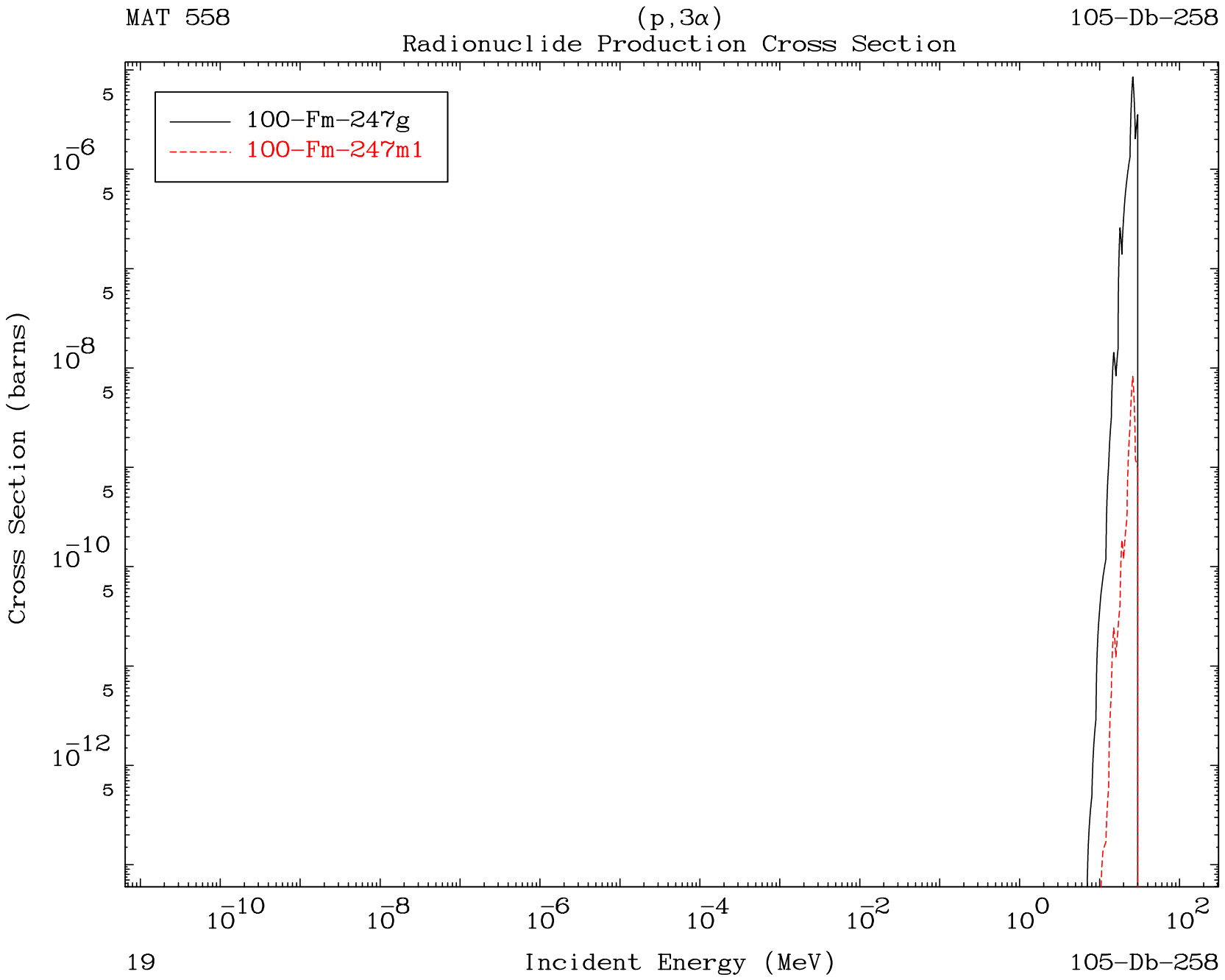

MAT 558
(p,n') p
105-Db-258
Radionuclide Production Cross Section
105-Db-257g
105-Db-257m2
Cross Section (barns)
Incident Energy (MeV)
14
105-Db-258

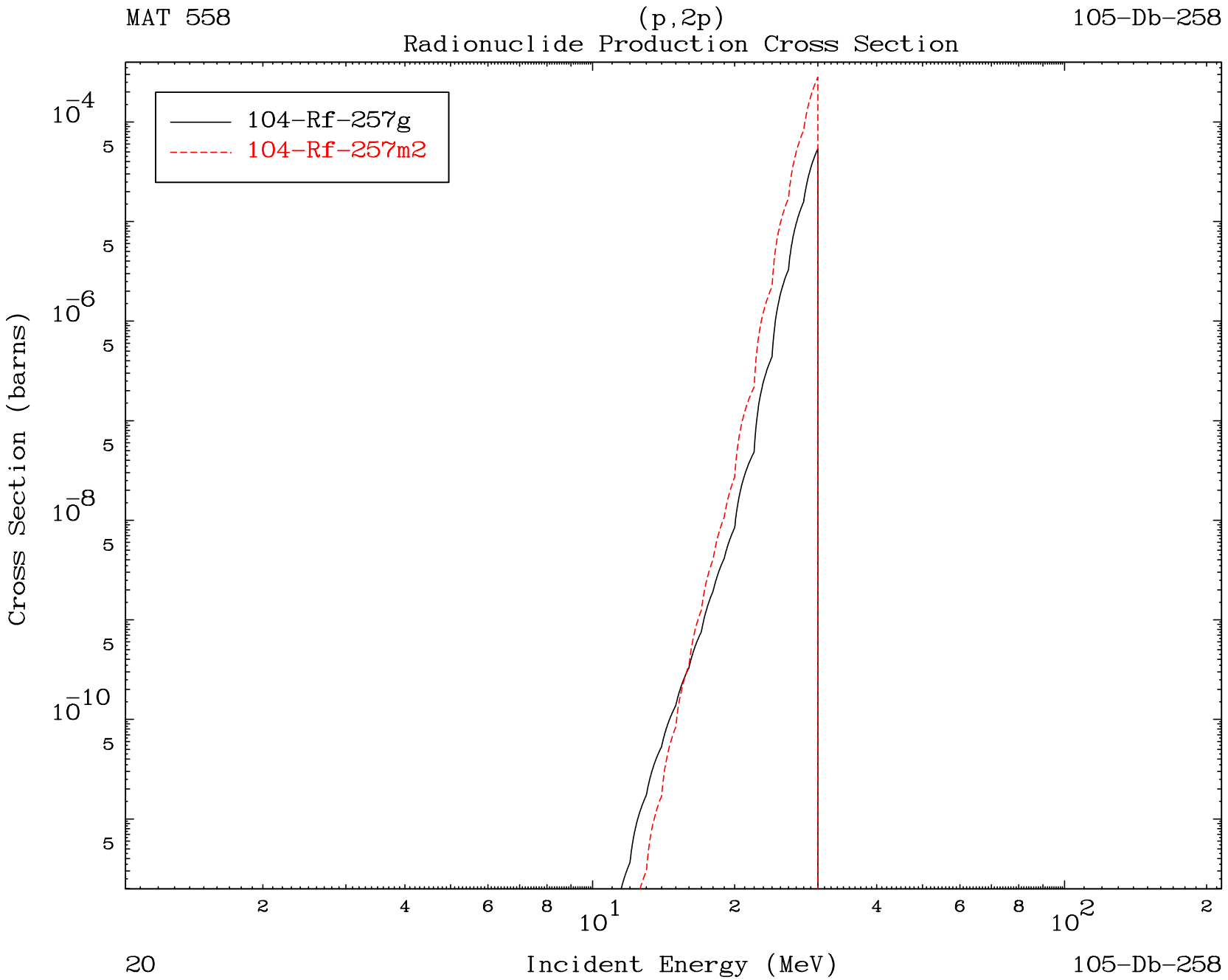

MAT 558
(p,n') p α
105-Db-258
Radionuclide Production Cross Section
103-Lr-253g
103-Lr-253m2
Cross Section (barns)
Incident Energy (MeV)
15
105-Db-258

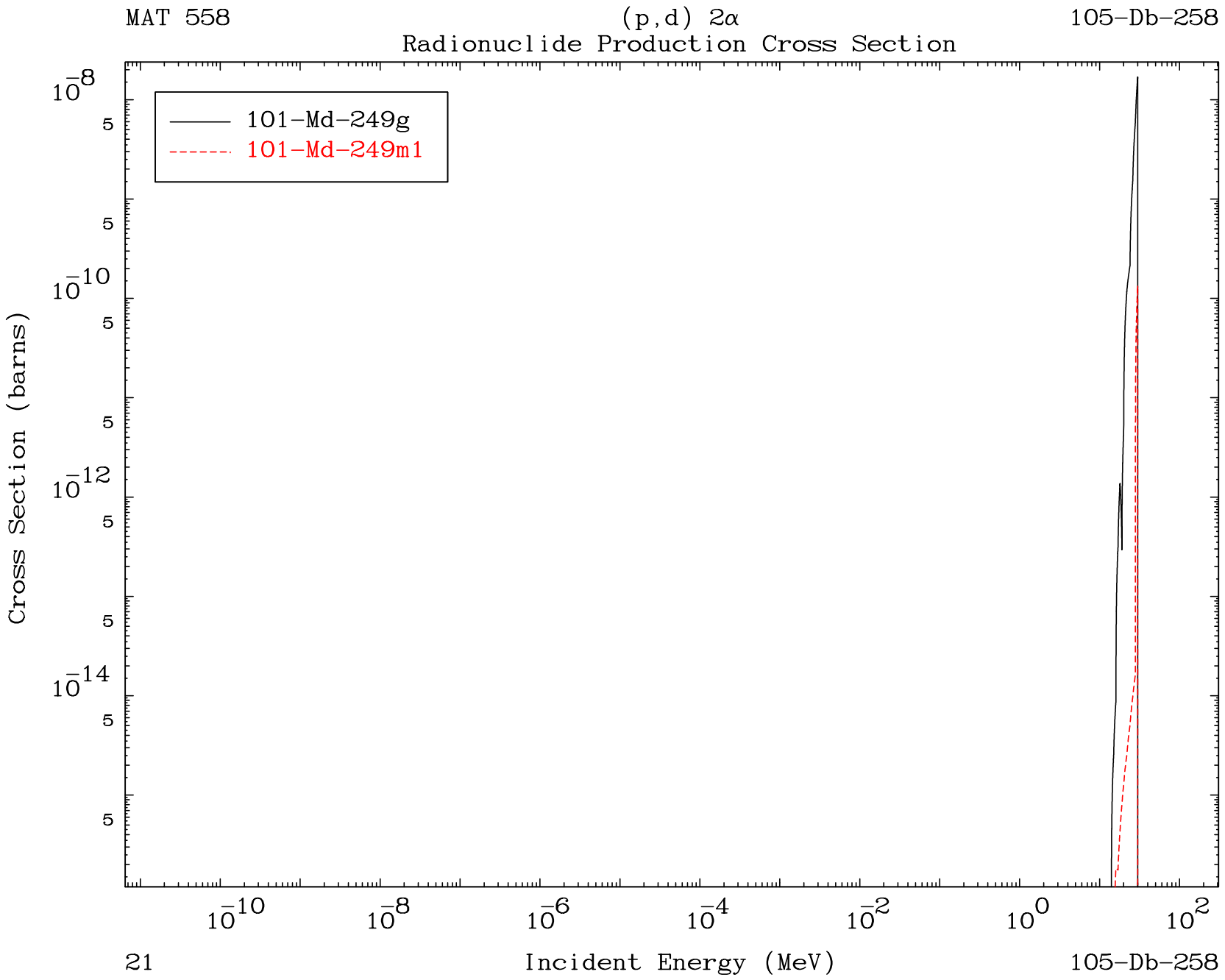

MAT 558
(p,p)
105-Db-258
Radionuclide Production Cross Section
105-Db-258g
105-Db-258m1
Cross Section (barns)
Incident Energy (MeV)
16
105-Db-258

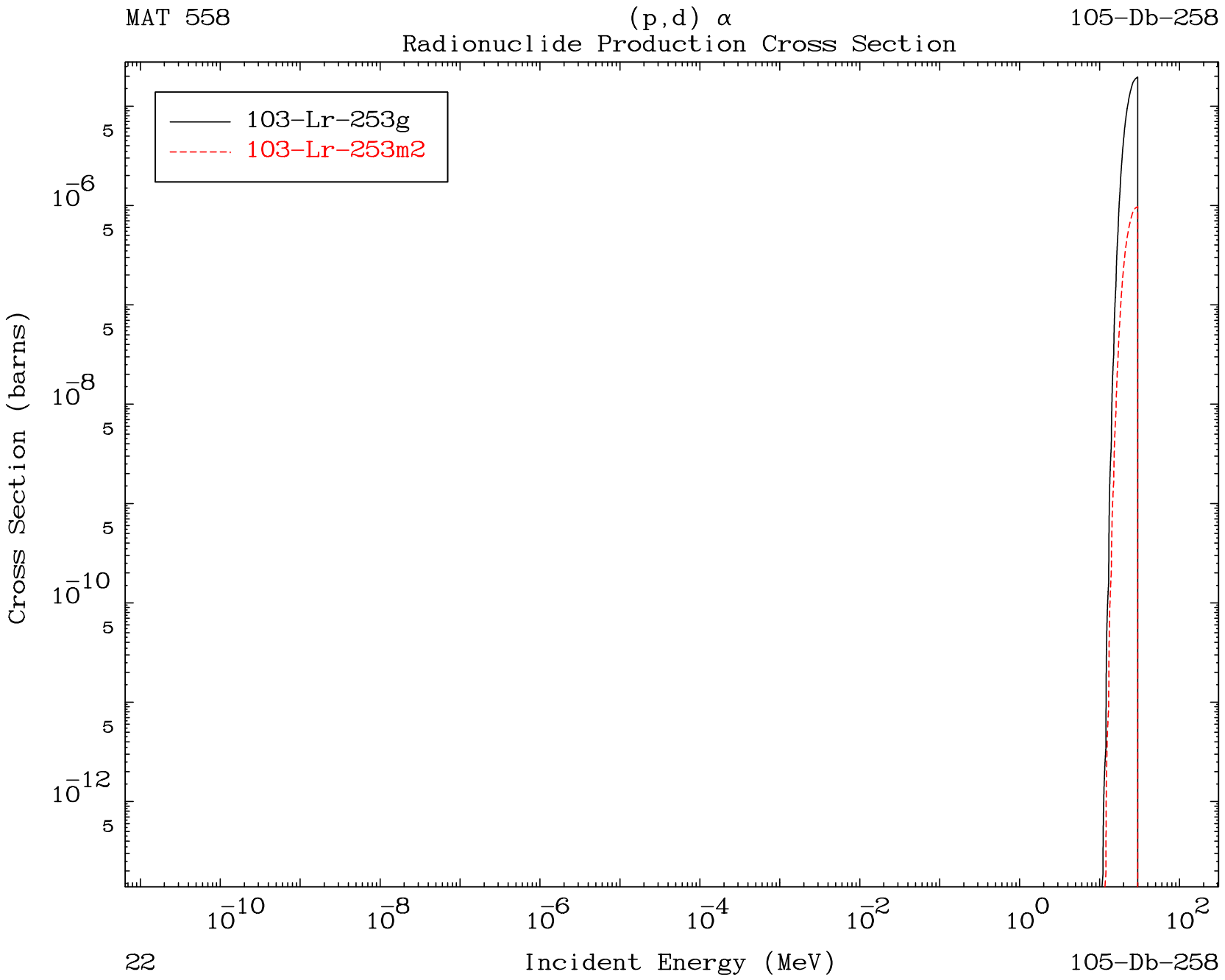

MAT 558
(p,d)
105-Db-258
Radionuclide Production Cross Section
105-Db-257g
105-Db-257m2
Cross Section (barns)
Incident Energy (MeV)
17
105-Db-258


MAT 558
(p,2α)
105-Db-258
Radionuclide Production Cross Section
102-No-251g
102-No-251m2
Cross Section (barns)
Incident Energy (MeV)
18
105-Db-258


MAT 558
(p,3α)
105-Db-258
Radionuclide Production Cross Section
100-Fm-247g
100-Fm-247m1
Cross Section (barns)
Incident Energy (MeV)
19
105-Db-258


MAT 558
(p,2p)
105-Db-258
Radionuclide Production Cross Section
104-Rf-257g
104-Rf-257m2
Cross Section (barns)
Incident Energy (MeV)
20
105-Db-258


MAT 558
(p,d) 2α
105-Db-258
Radionuclide Production Cross Section
101-Md-249g
101-Md-249m1
Cross Section (barns)
Incident Energy (MeV)
21
105-Db-258


MAT 558
(p,d) α
105-Db-258
Radionuclide Production Cross Section
103-Lr-253g
103-Lr-253m2
Cross Section (barns)
10-6
10-8
10-10
10-12
5
10-10
10-8
10-6
10-4
10-2
100
102
22
Incident Energy (MeV)
105-Db-258