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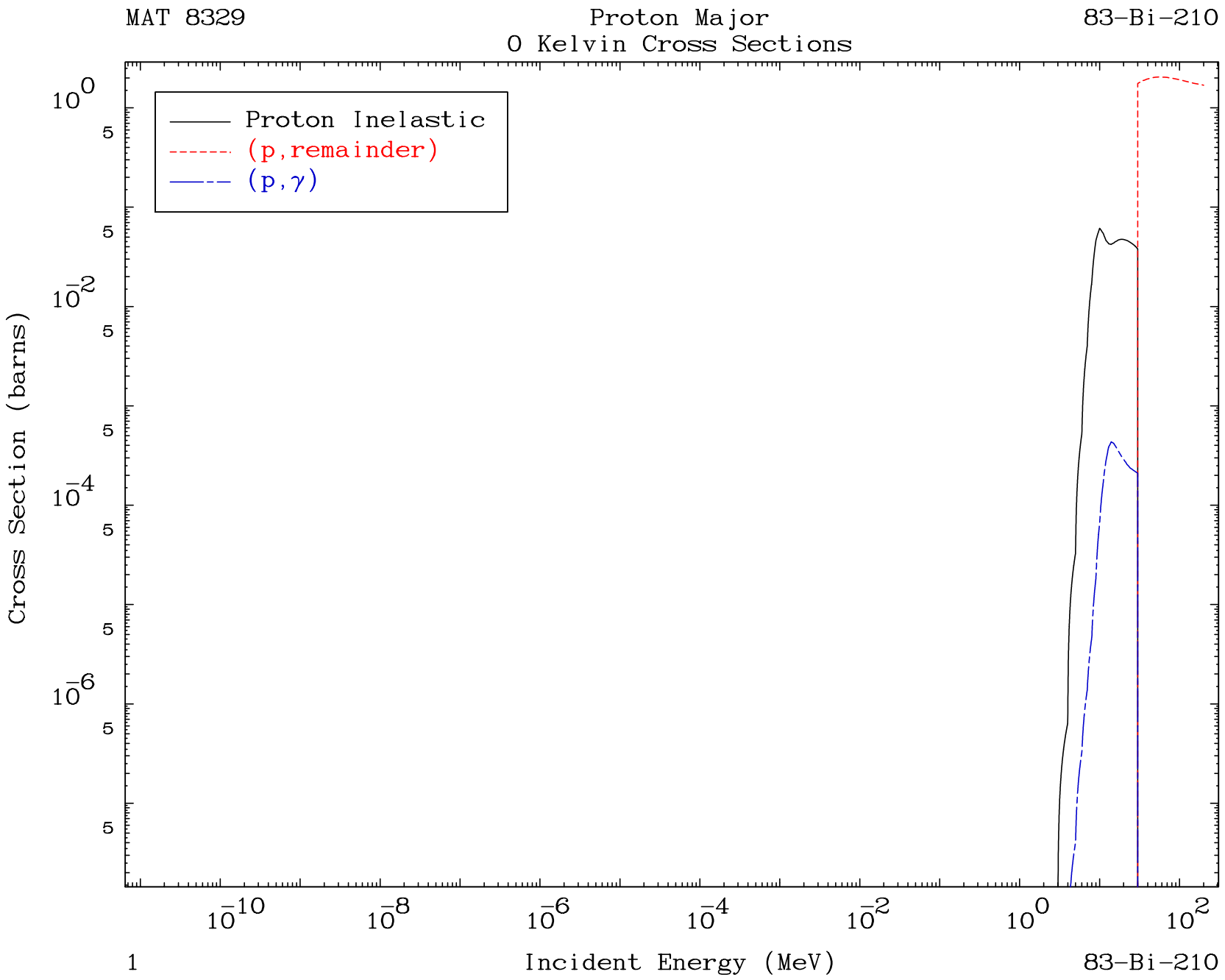
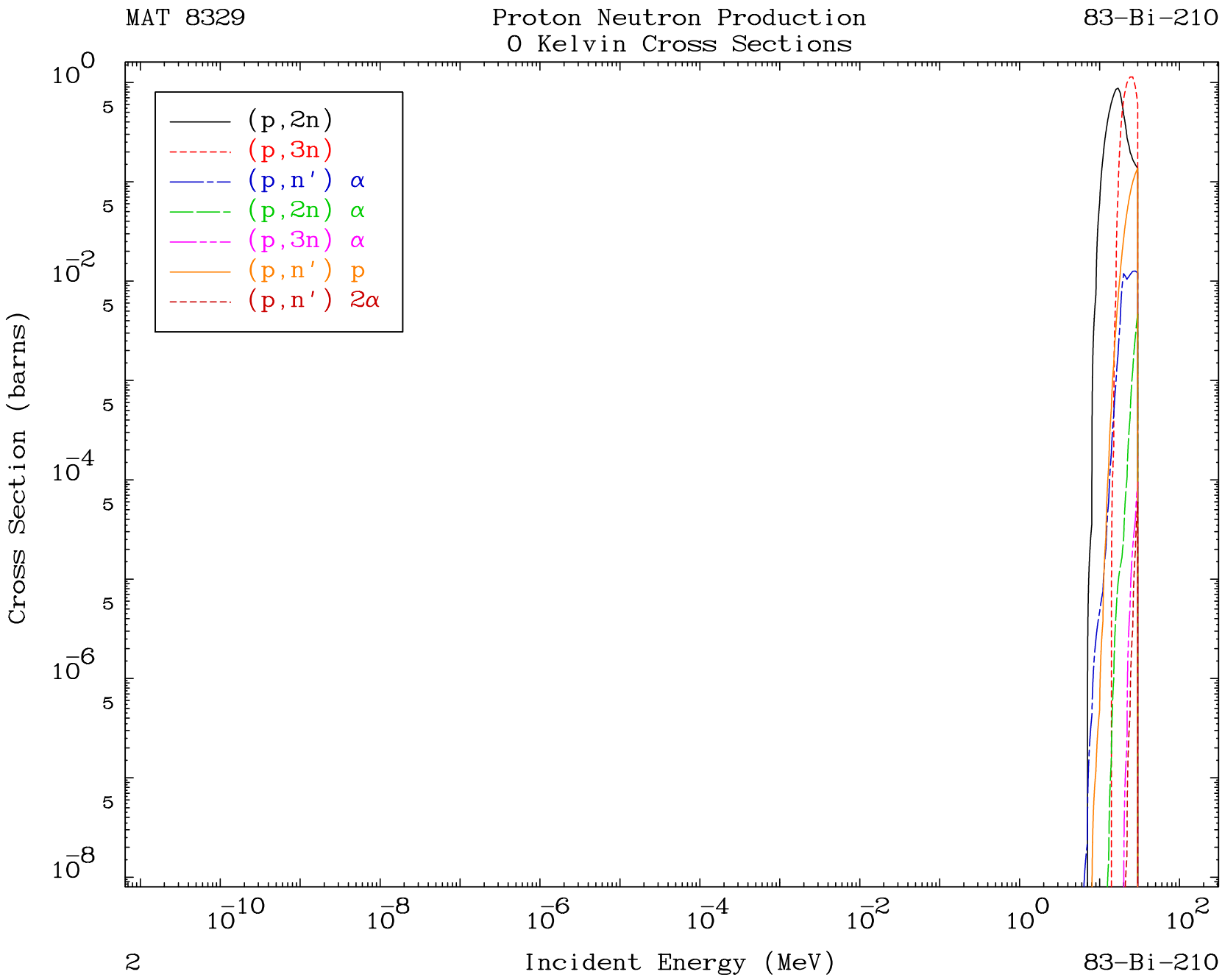
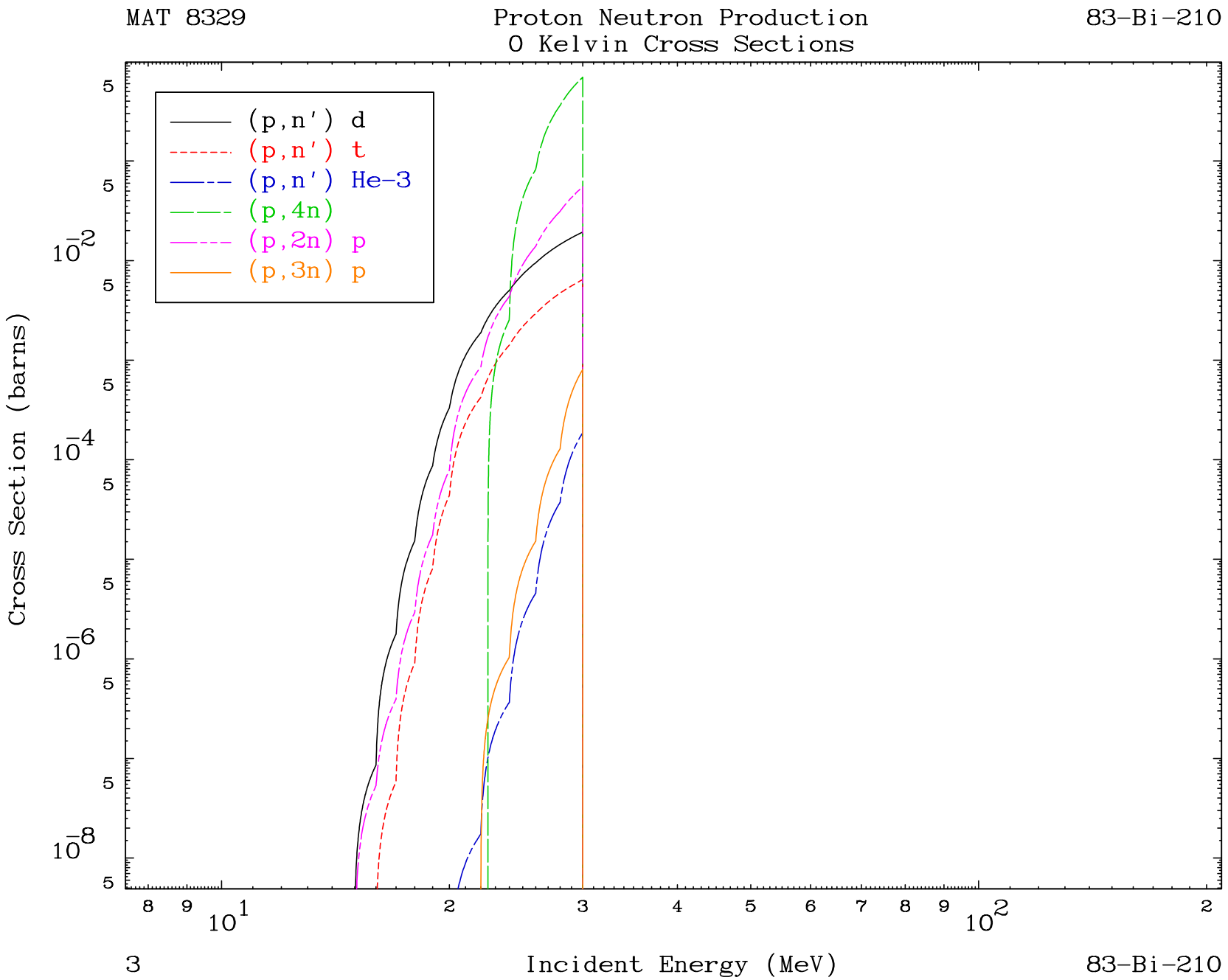
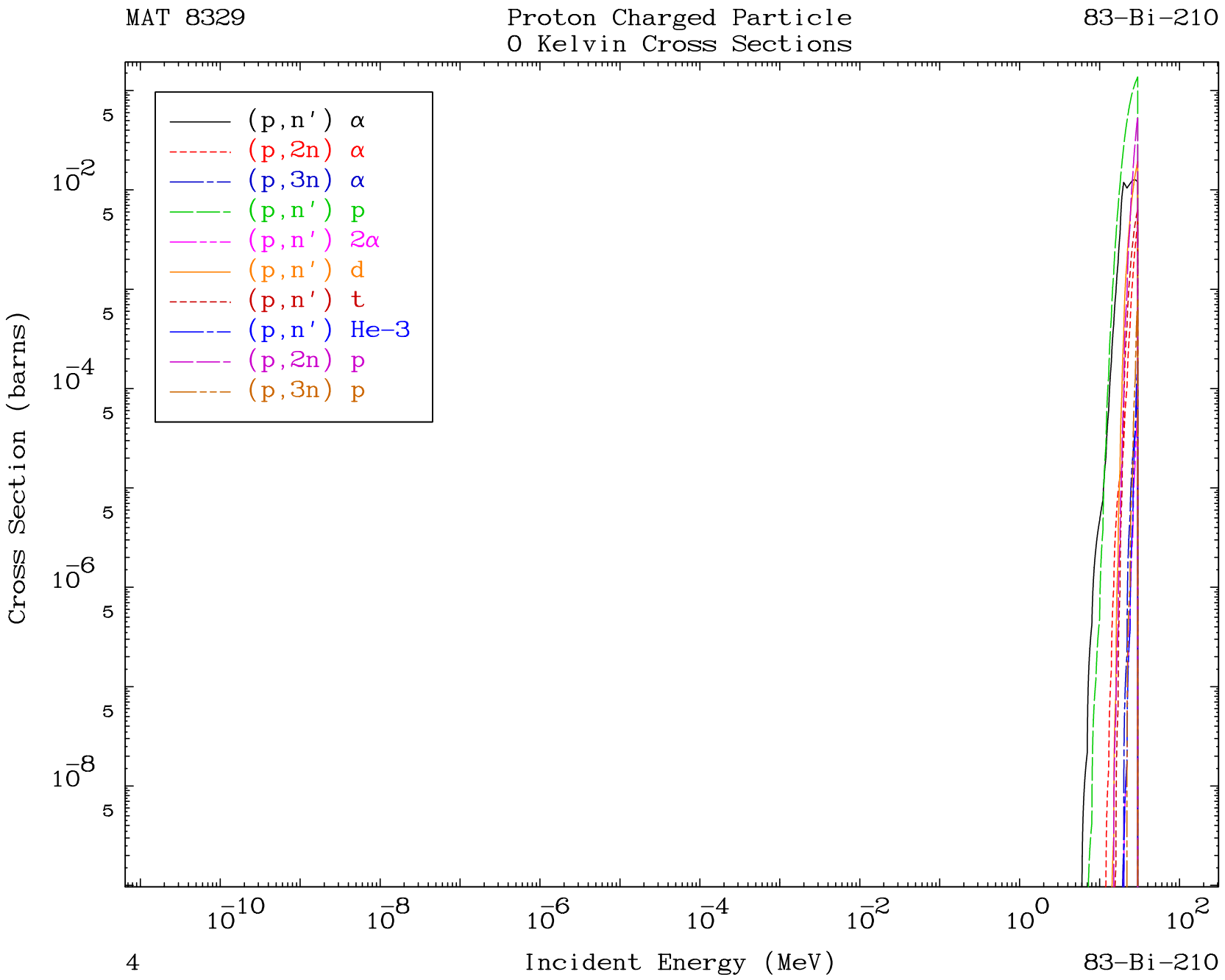
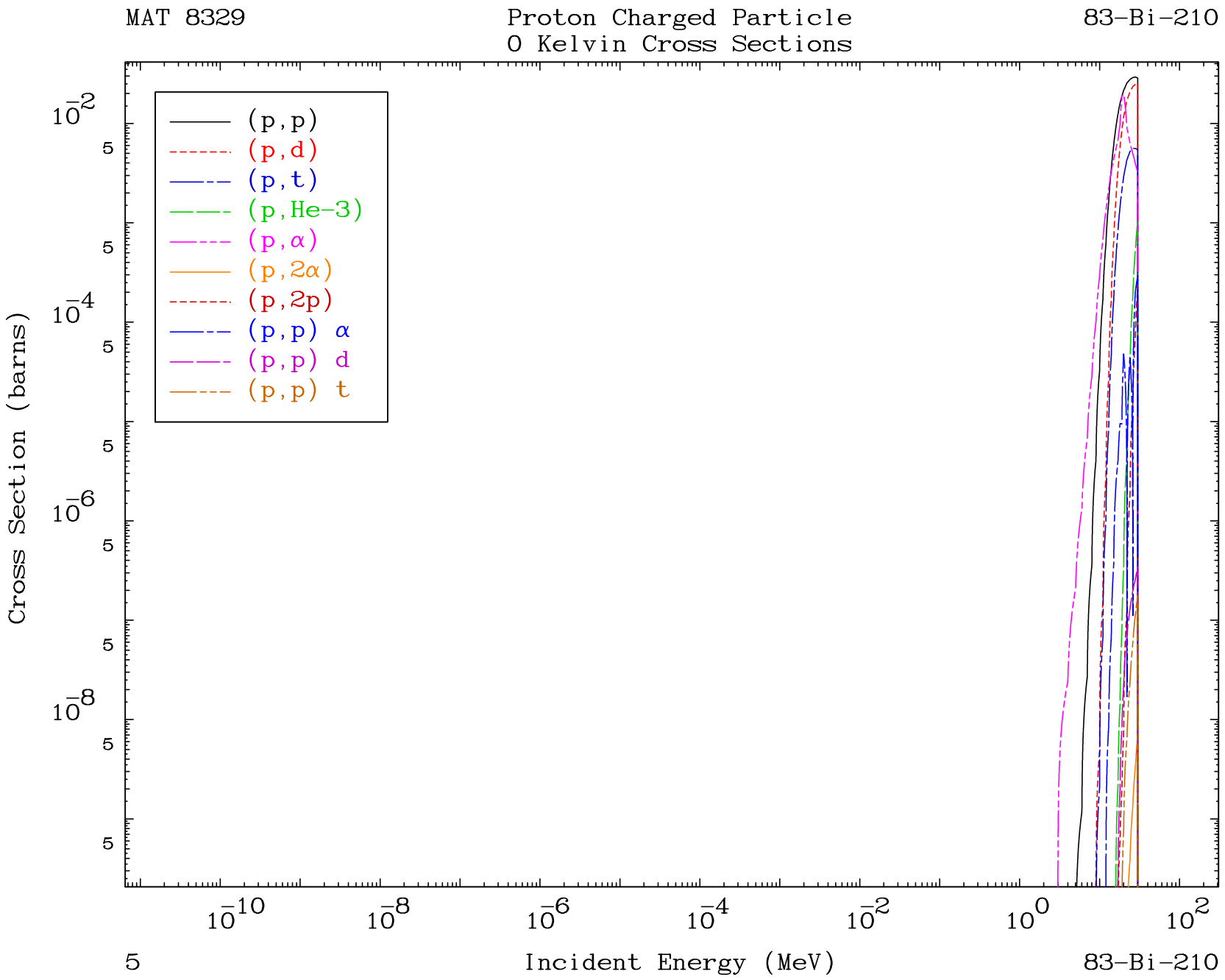
Press Mouse Button to Start

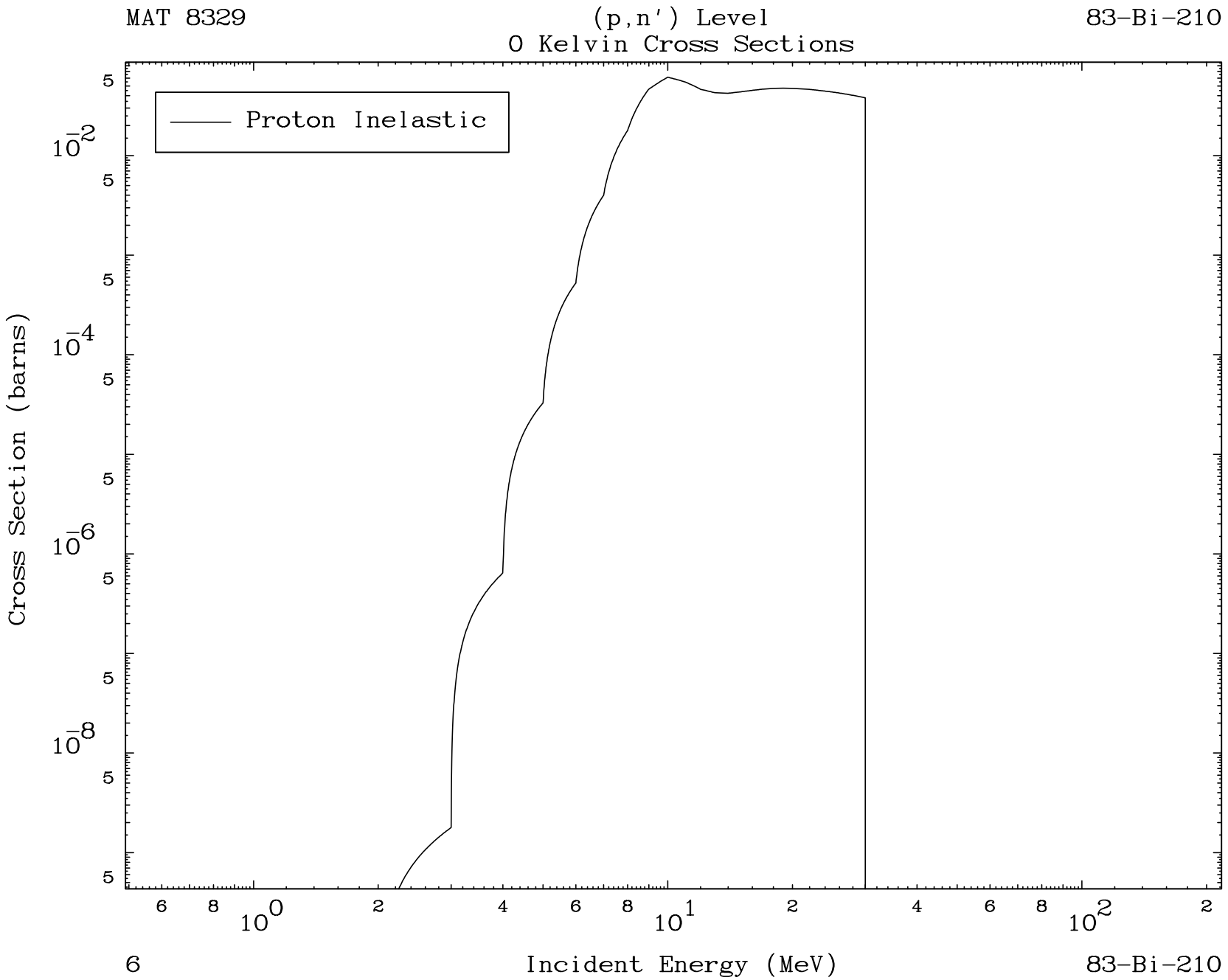

MAT 8329
Proton Major
83-Bi-210
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
83-Bi-210
1

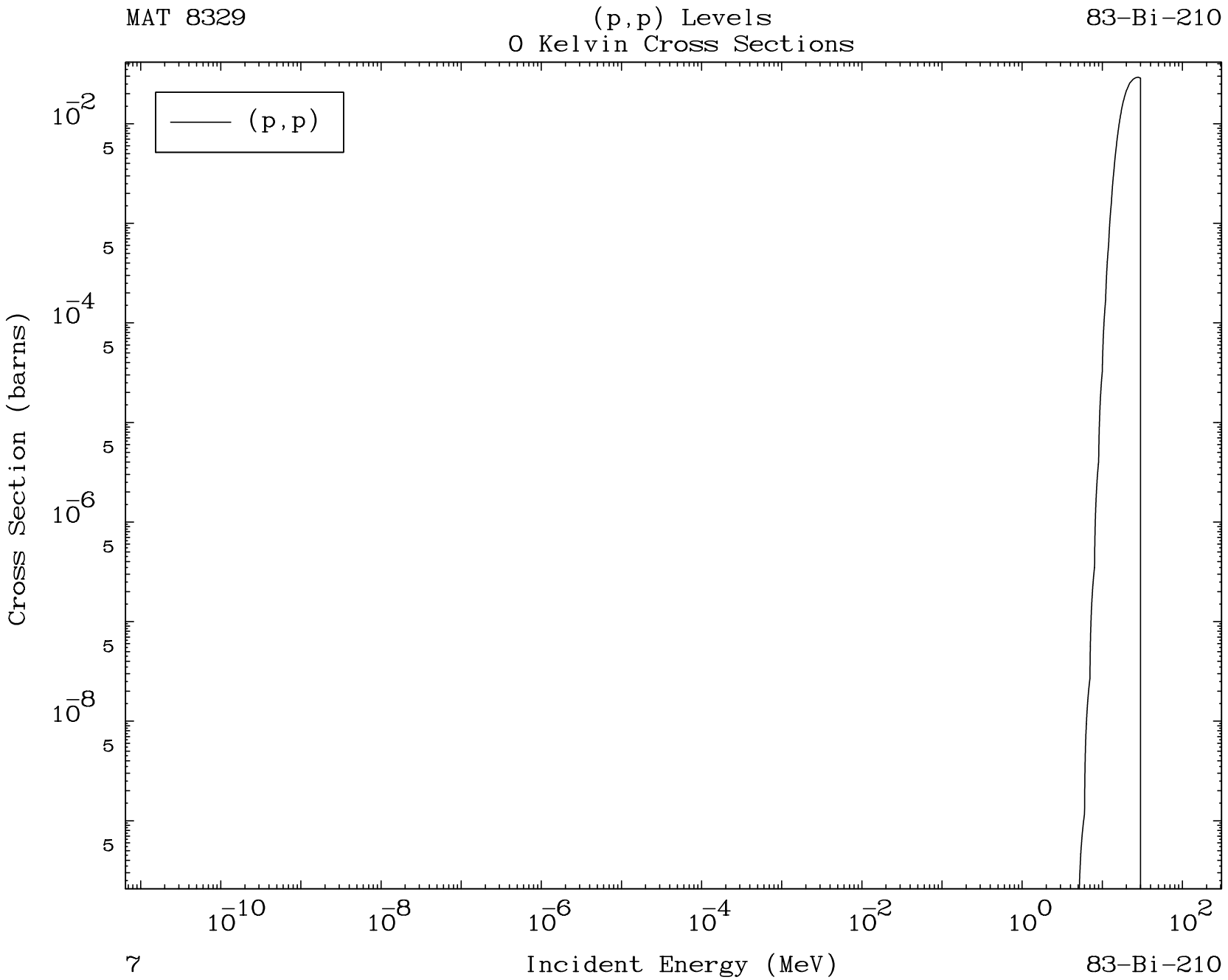

MAT 8329
Proton Neutron Production
0 Kelvin Cross Sections
83-Bi-210
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
83-Bi-210

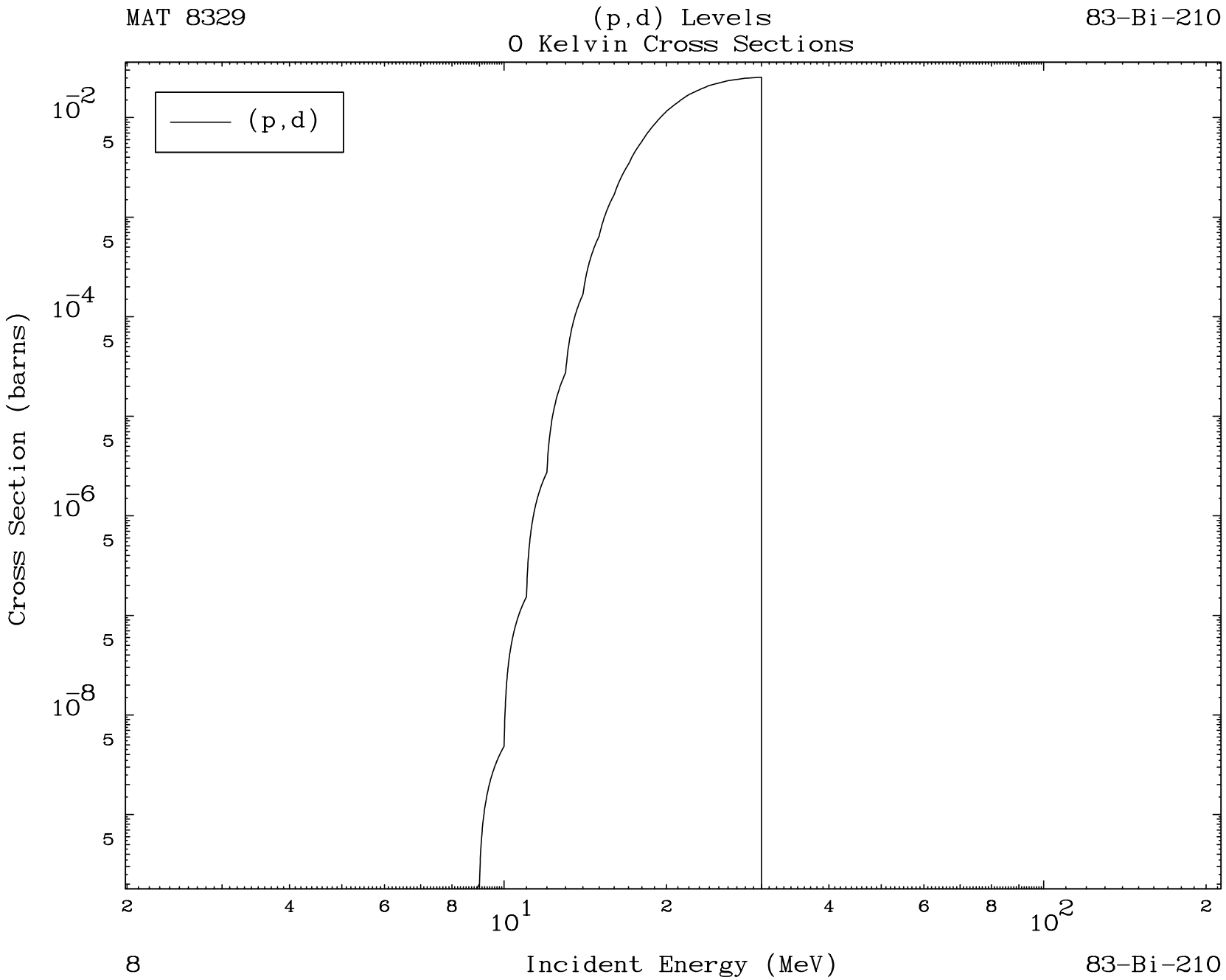

MAT 8329
Proton Neutron Production
0 Kelvin Cross Sections
83-Bi-210
(p,n') d
(p,n') t
(p,n') He-3
(p,4n)
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
83-Bi-210
3

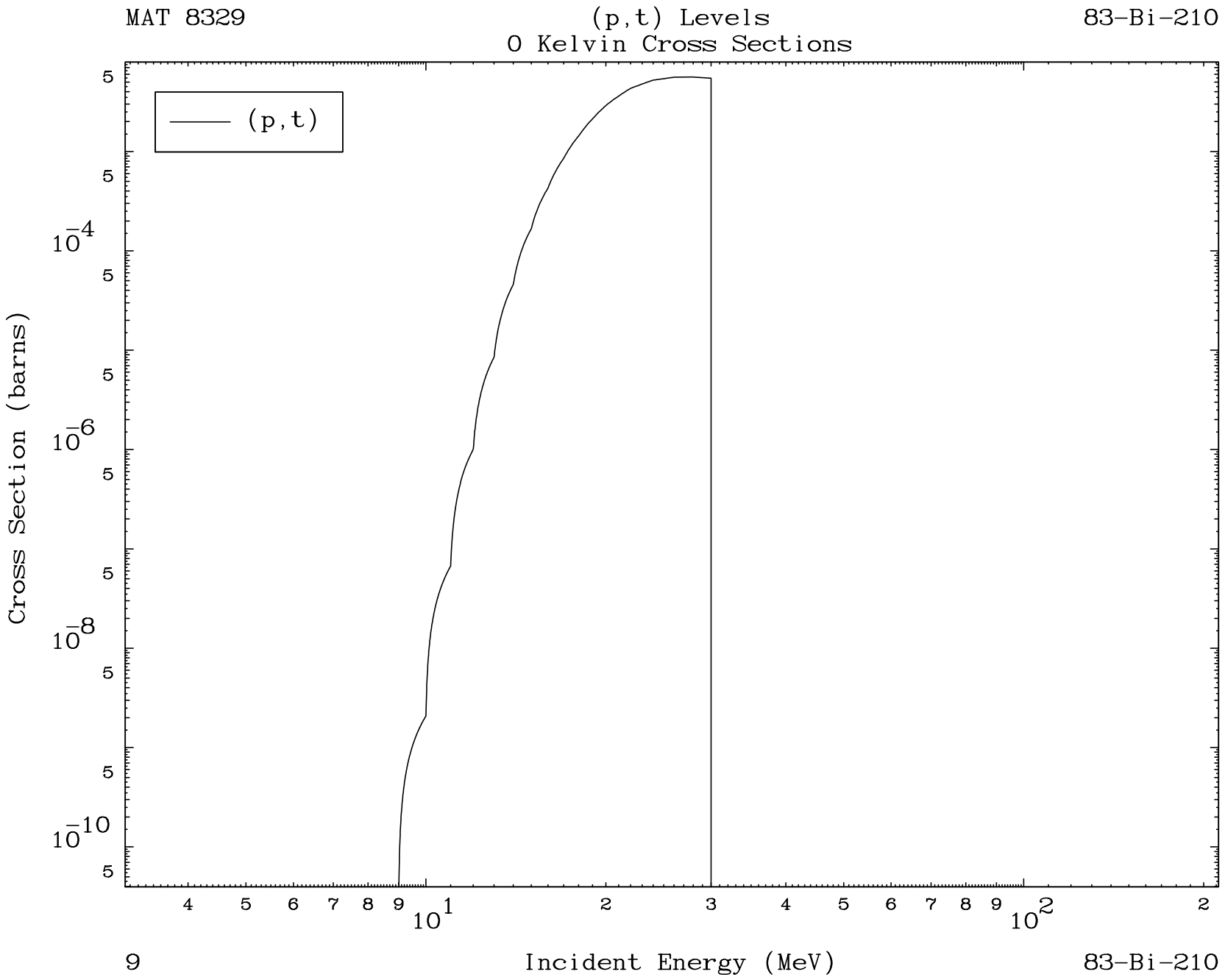

MAT 8329
Proton Charged Particle
0 Kelvin Cross Sections
83-Bi-210
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
83-Bi-210

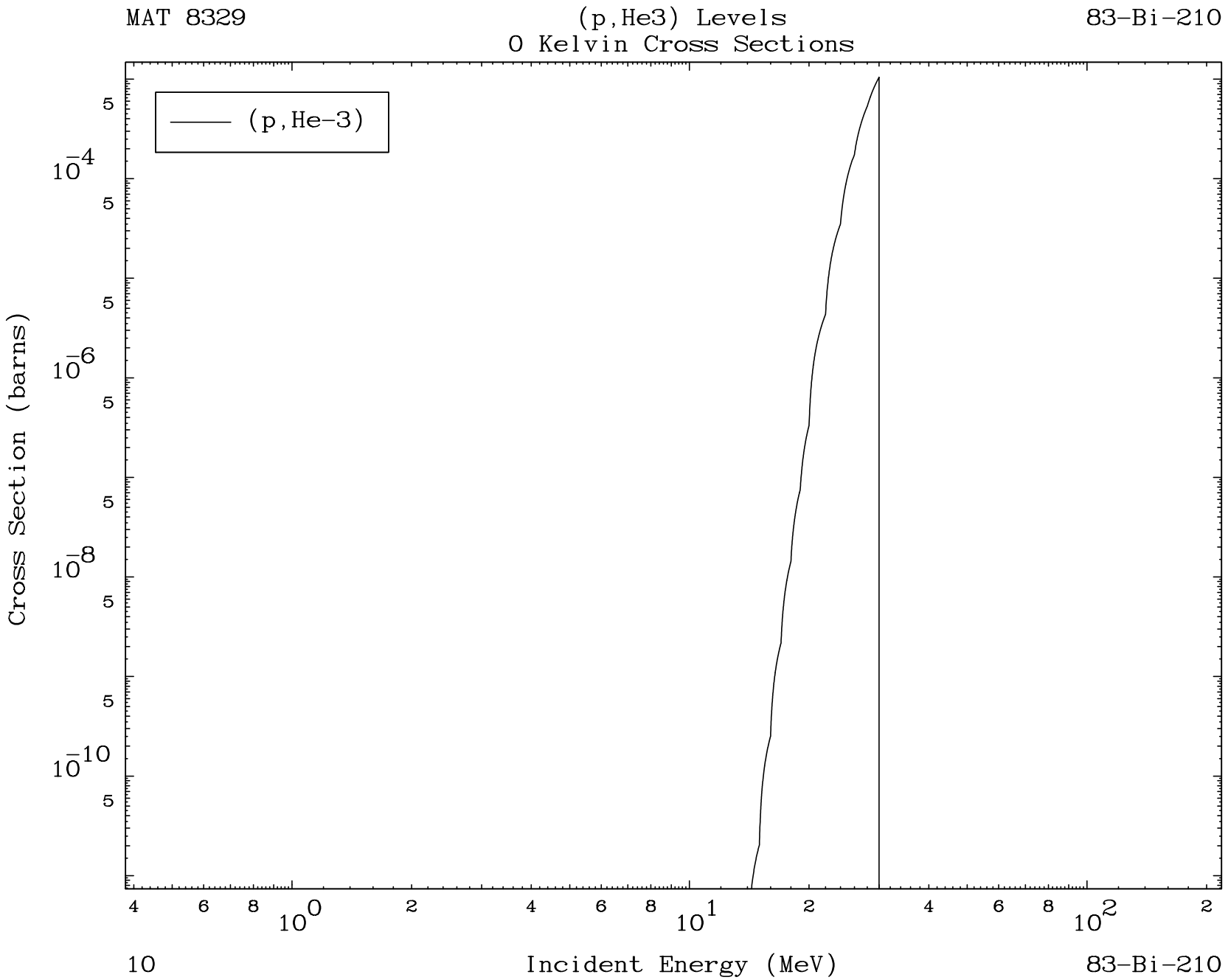

MAT 8329
Proton Charged Particle
0 Kelvin Cross Sections
83-Bi-210
(p,p)
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
83-Bi-210

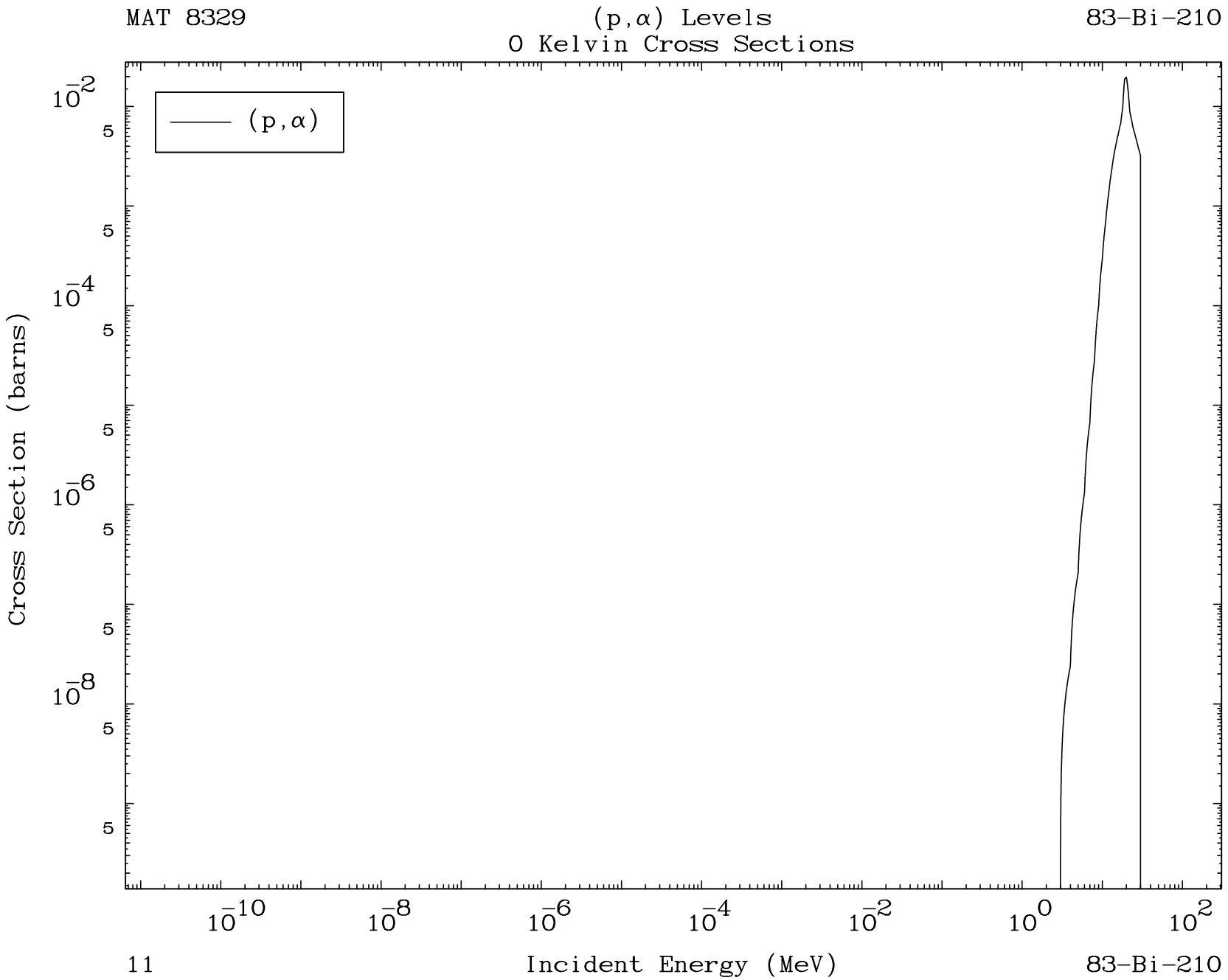

MAT 8329
(p,n') Level
83-Bi-210
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
83-Bi-210

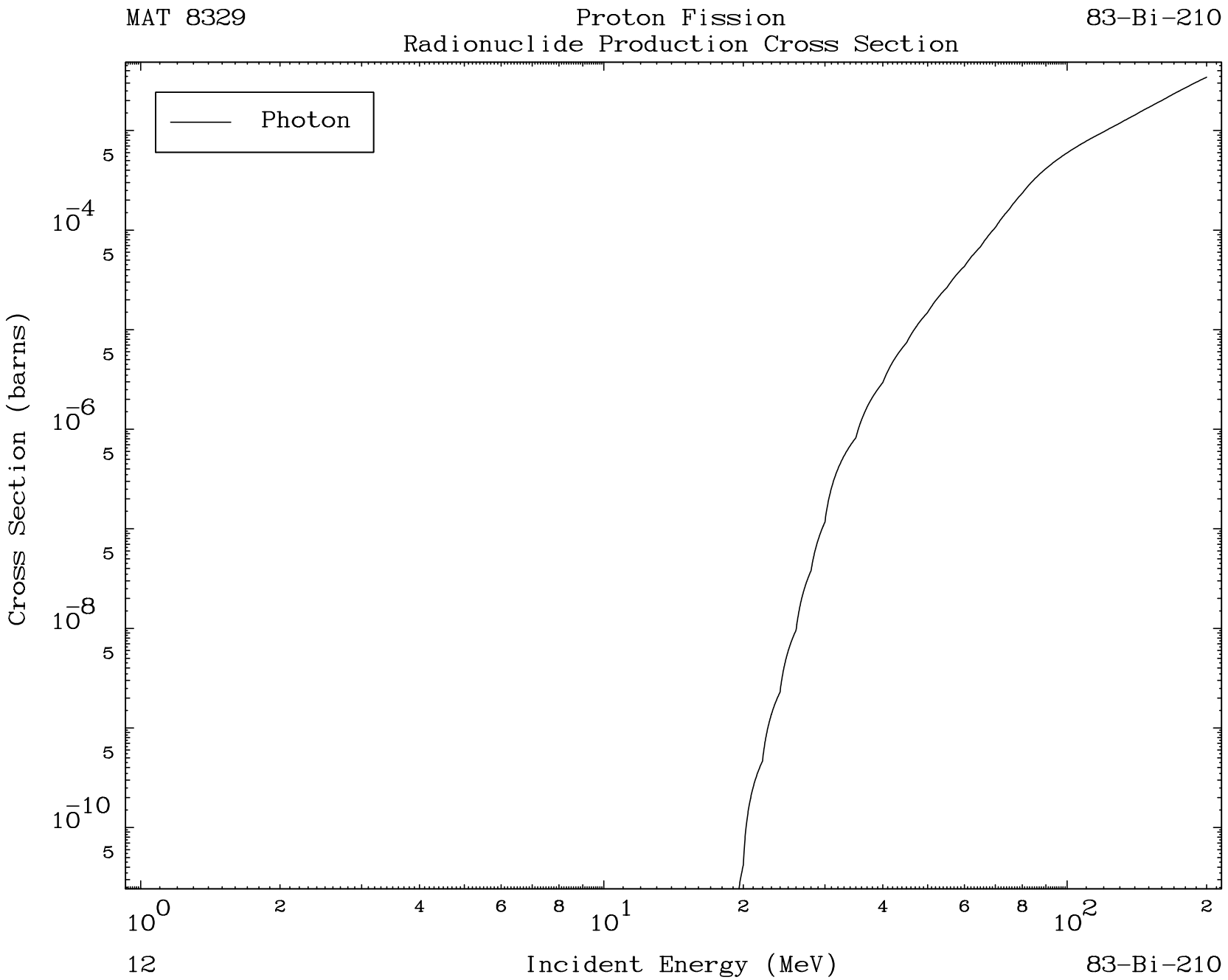

MAT 8329
(p,p) Levels
83-Bi-210
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
7
83-Bi-210

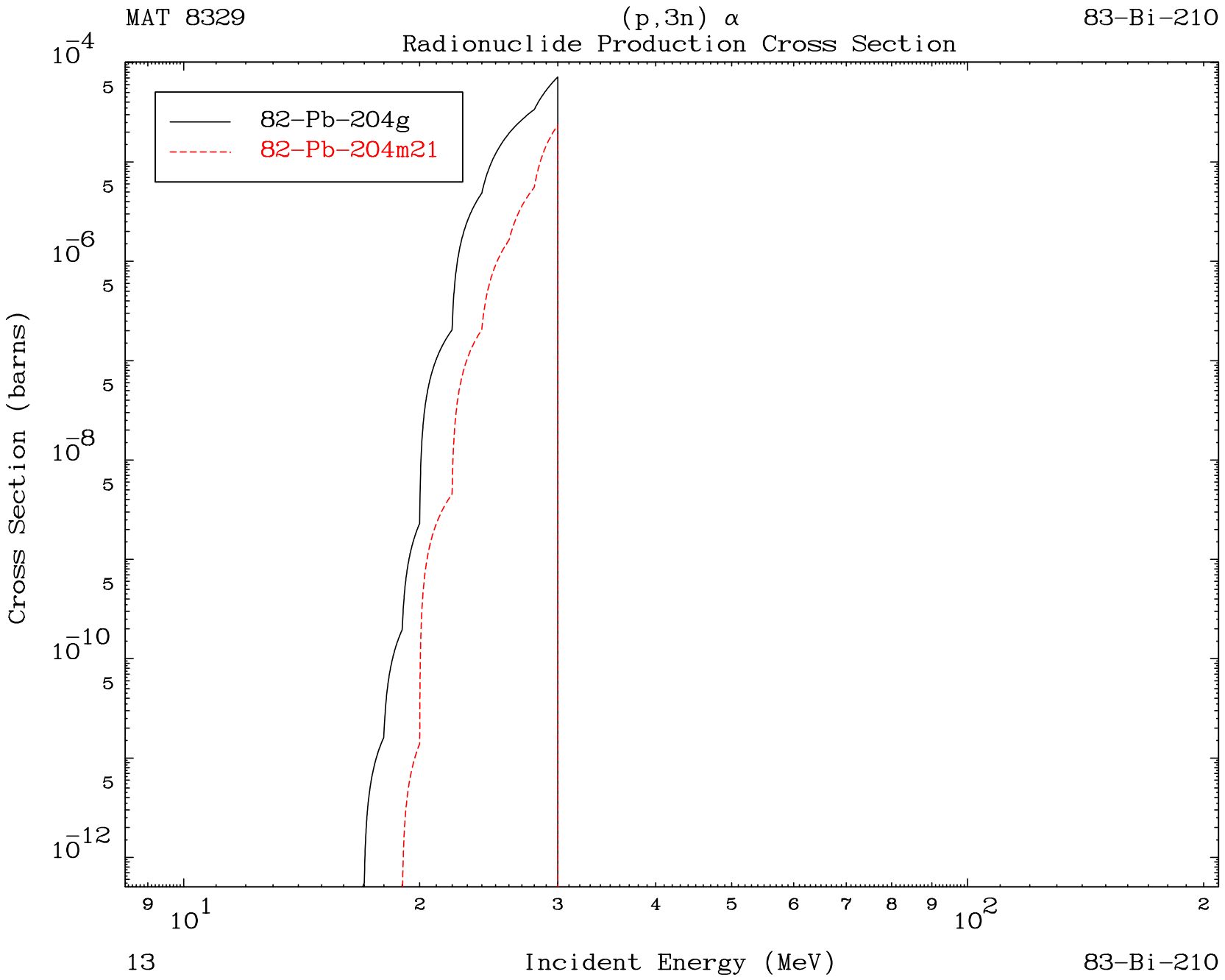

MAT 8329
(p,d) Levels
83-Bi-210
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
101
102
8
83-Bi-210

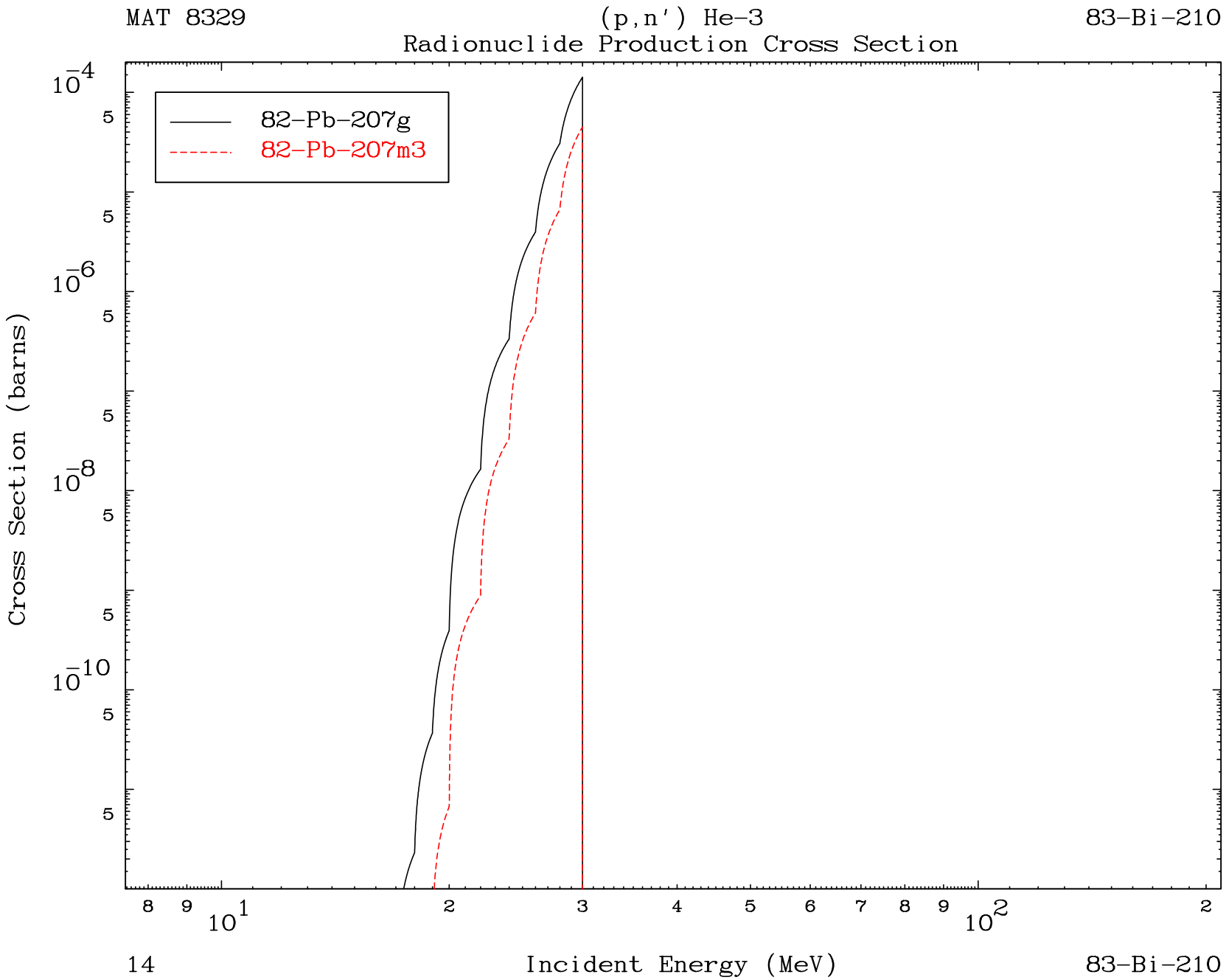

MAT 8329
(p,t) Levels
83-Bi-210
0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
Incident Energy (MeV)
9
83-Bi-210

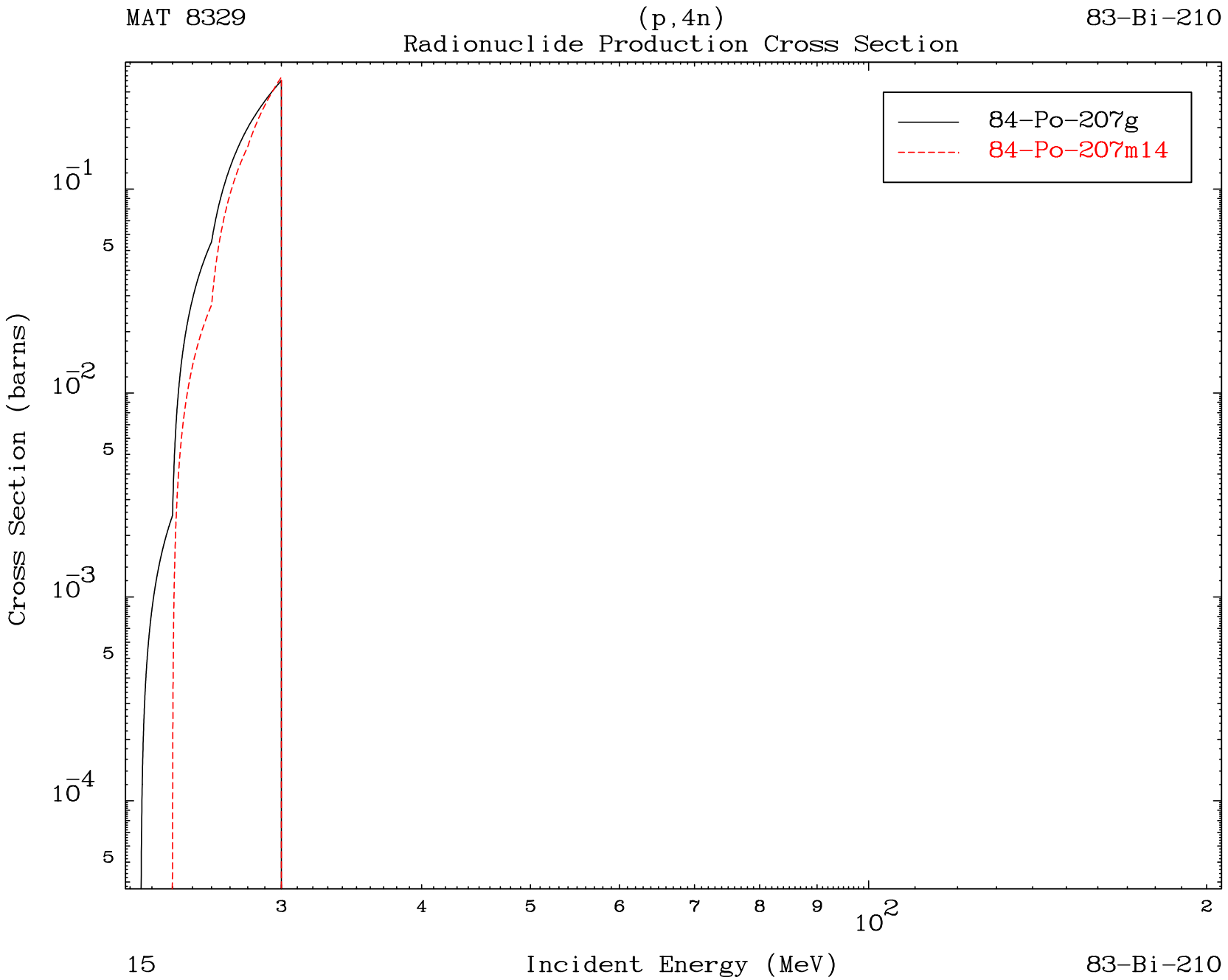

MAT 8329
(p,He3) Levels
83-Bi-210
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
83-Bi-210

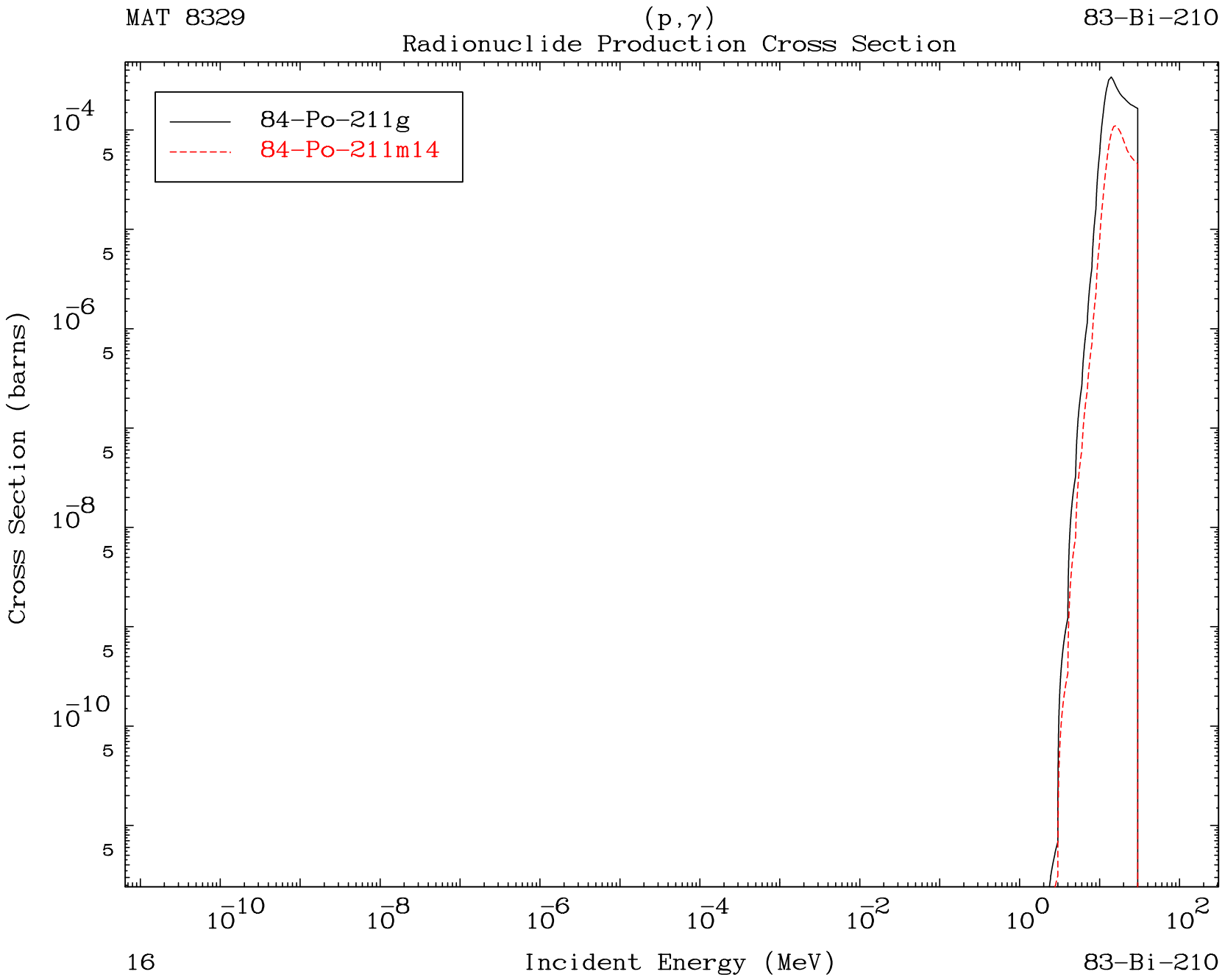

MAT 8329
(p,α) Levels
83-Bi-210
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
10-10
10-8
10-6
10-4
10-2
100
102
11
Incident Energy (MeV)
83-Bi-210

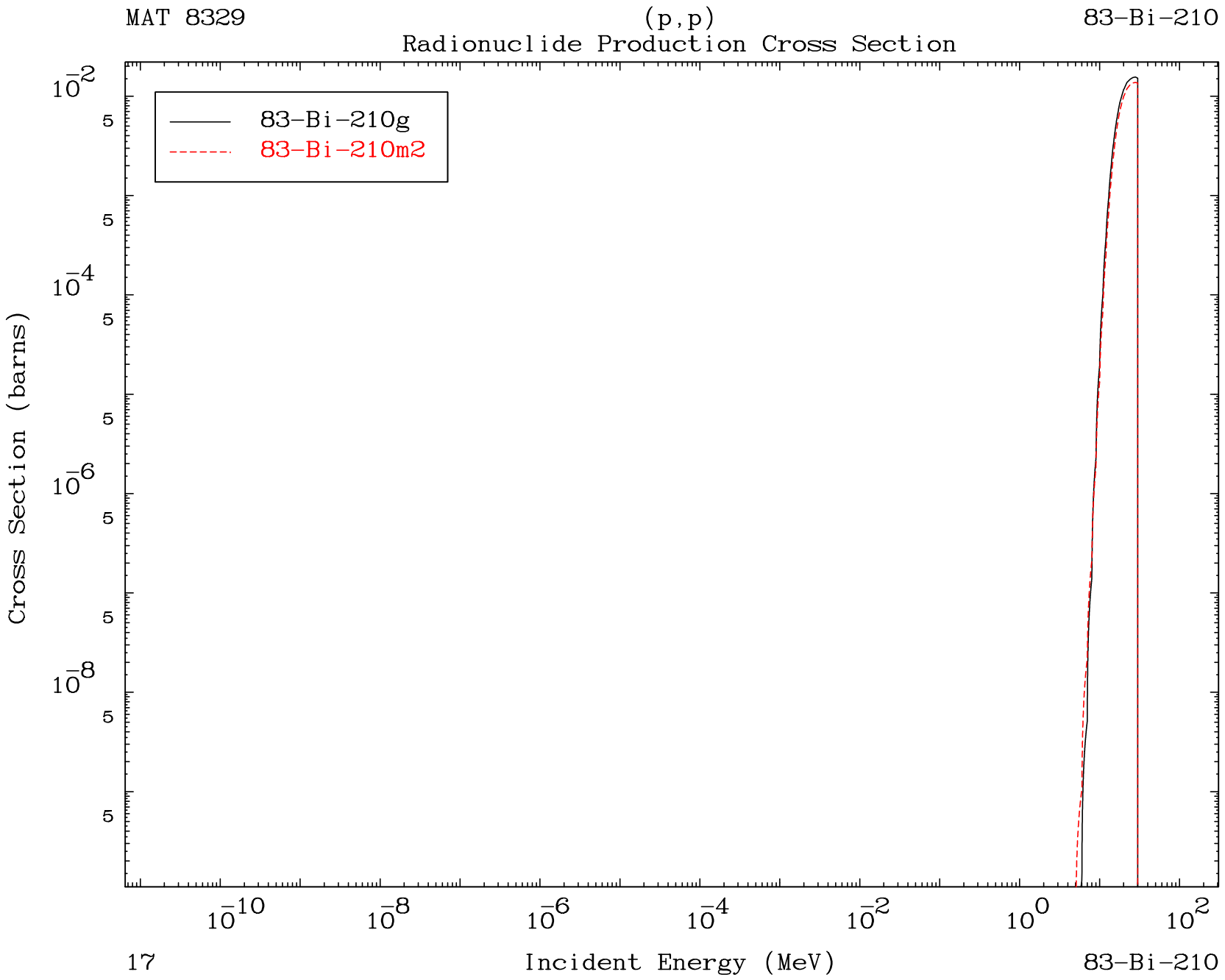

MAT 8329
Proton Fission
83-Bi-210
Radionuclide Production Cross Section
Photon
Cross Section (barns)
10-4
10-6
10-8
10-10
5
100
2
4
6
8
101
2
4
6
8
102
2
12
Incident Energy (MeV)
83-Bi-210

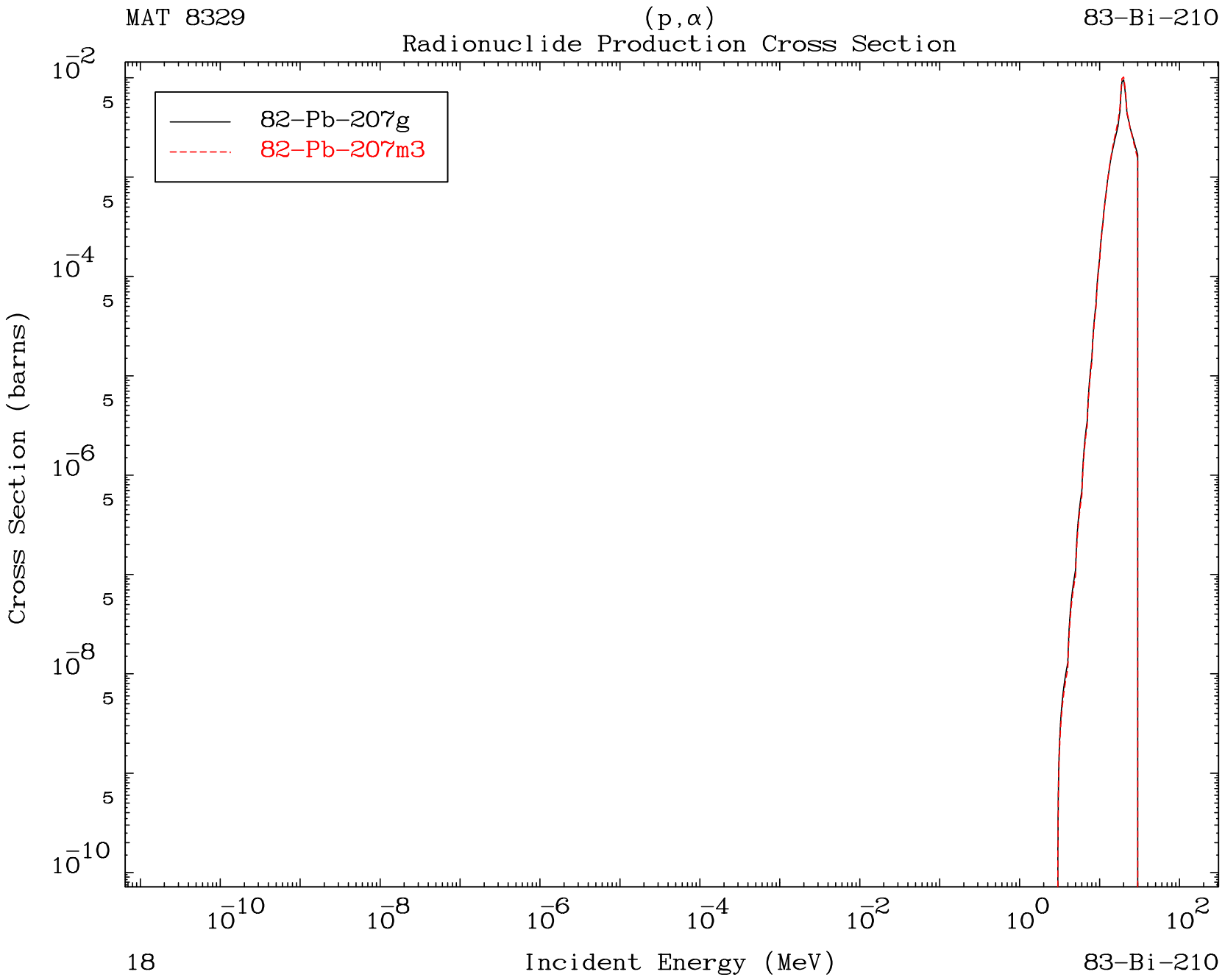

MAT 8329
(p,3n) α
83-Bi-210
Radionuclide Production Cross Section
82-Pb-204g
82-Pb-204m21
Cross Section (barns)
Incident Energy (MeV)
13
83-Bi-210

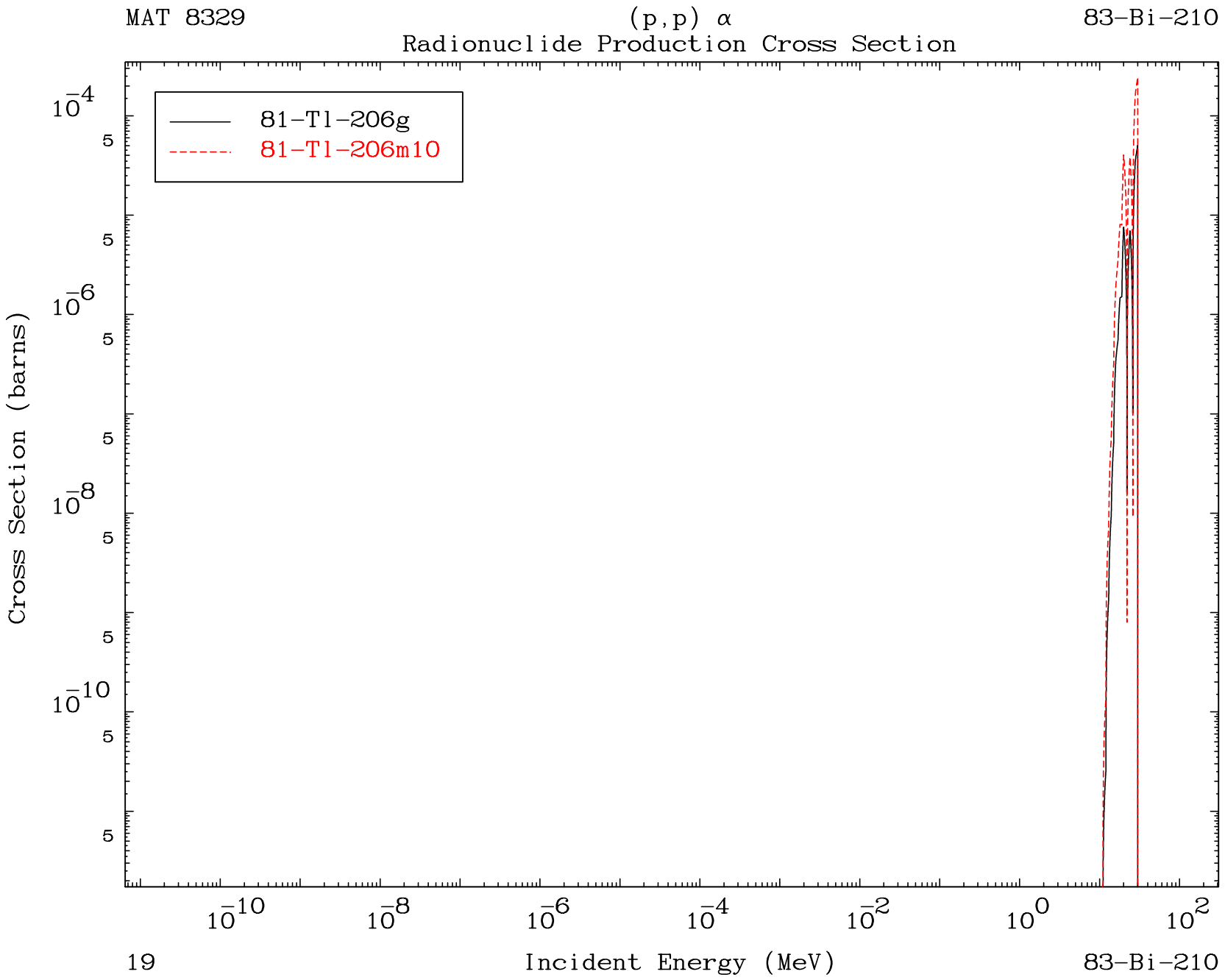

MAT 8329
(p,n') He-3
83-Bi-210
Radionuclide Production Cross Section
82-Pb-207g
82-Pb-207m3
Cross Section (barns)
Incident Energy (MeV)
14
83-Bi-210

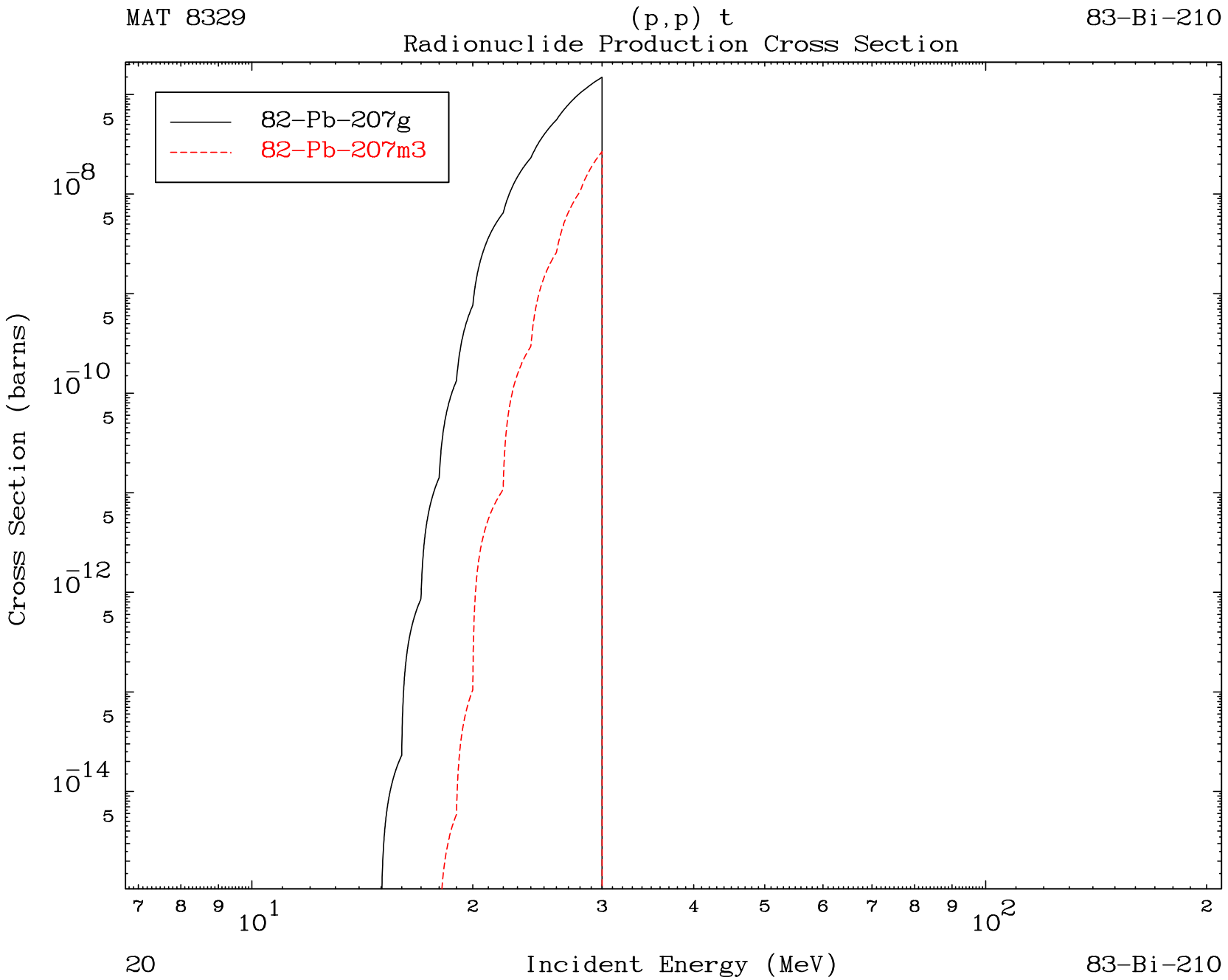

MAT 8329
(p,4n)
83-Bi-210
Radionuclide Production Cross Section
84-Po-207g
84-Po-207m14
Cross Section (barns)
10-1
5
10-2
5
10-3
5
10-4
5
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
83-Bi-210


MAT 8329
(p,γ)
83-Bi-210
Radionuclide Production Cross Section
84-Po-211g
84-Po-211m14
Cross Section (barns)
Incident Energy (MeV)
16
83-Bi-210


MAT 8329
(p,p)
83-Bi-210
Radionuclide Production Cross Section
83-Bi-210g
83-Bi-210m2
Cross Section (barns)
Incident Energy (MeV)
17
83-Bi-210


MAT 8329
(p,α)
83-Bi-210
Radionuclide Production Cross Section
82-Pb-207g
82-Pb-207m3
Cross Section (barns)
Incident Energy (MeV)
18
83-Bi-210


MAT 8329
(p,p) α
83-Bi-210
Radionuclide Production Cross Section
81-Tl-206g
81-Tl-206m10
Cross Section (barns)
Incident Energy (MeV)
19
83-Bi-210


MAT 8329
(p,p) t
83-Bi-210
Radionuclide Production Cross Section
82-Pb-207g
82-Pb-207m3
Cross Section (barns)
Incident Energy (MeV)
20
83-Bi-210