Program EVALPLOT
(Version 2021-1)
by
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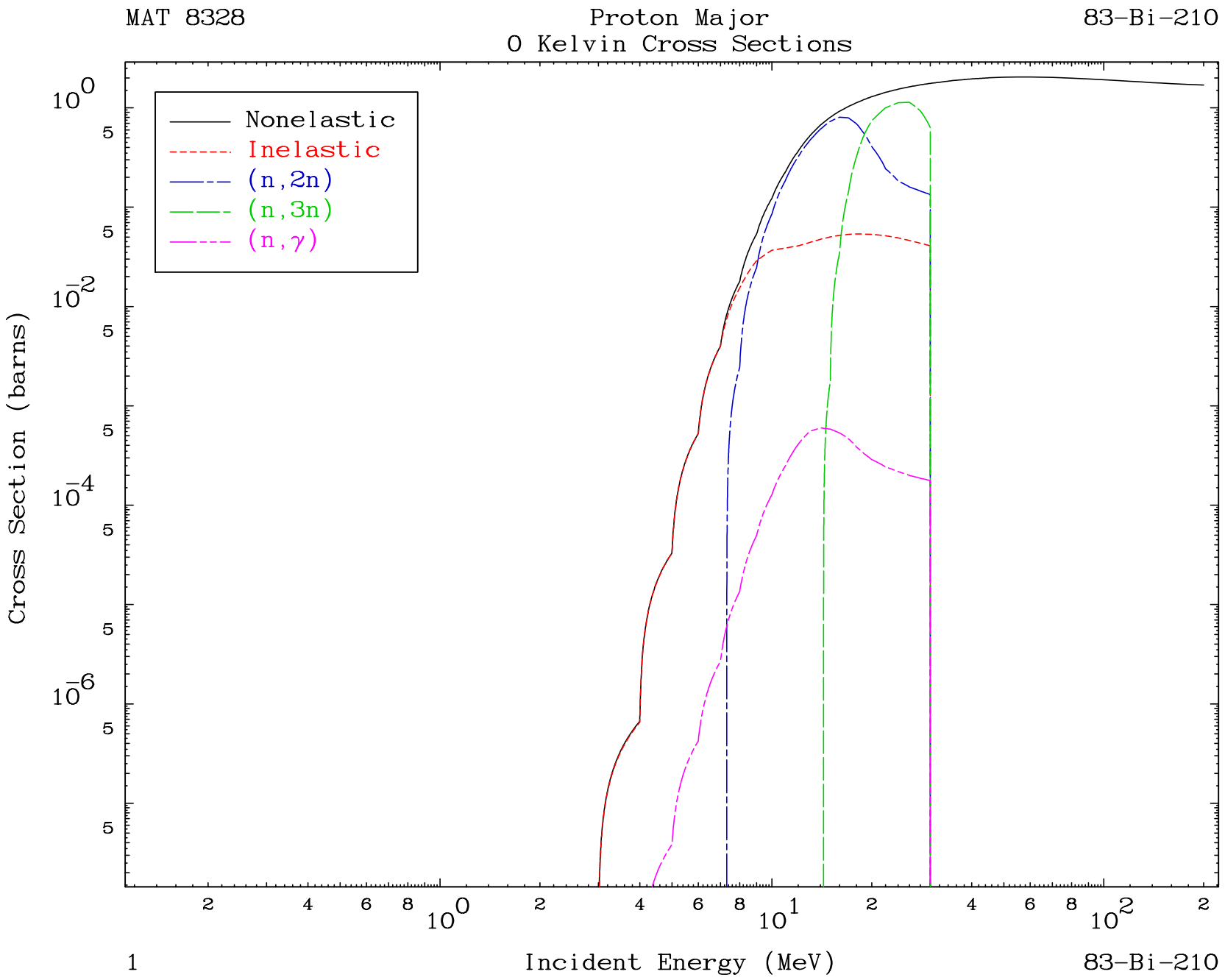
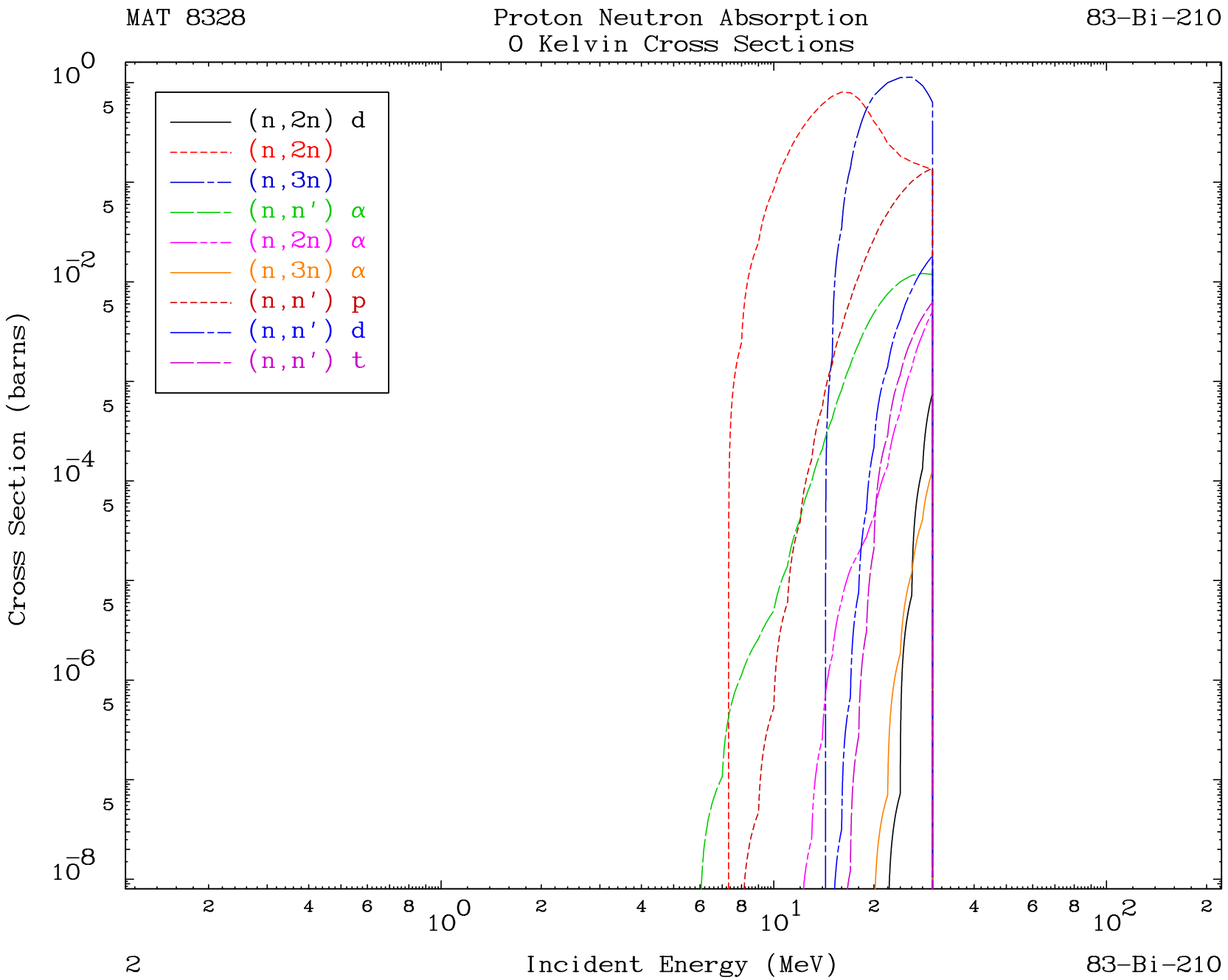
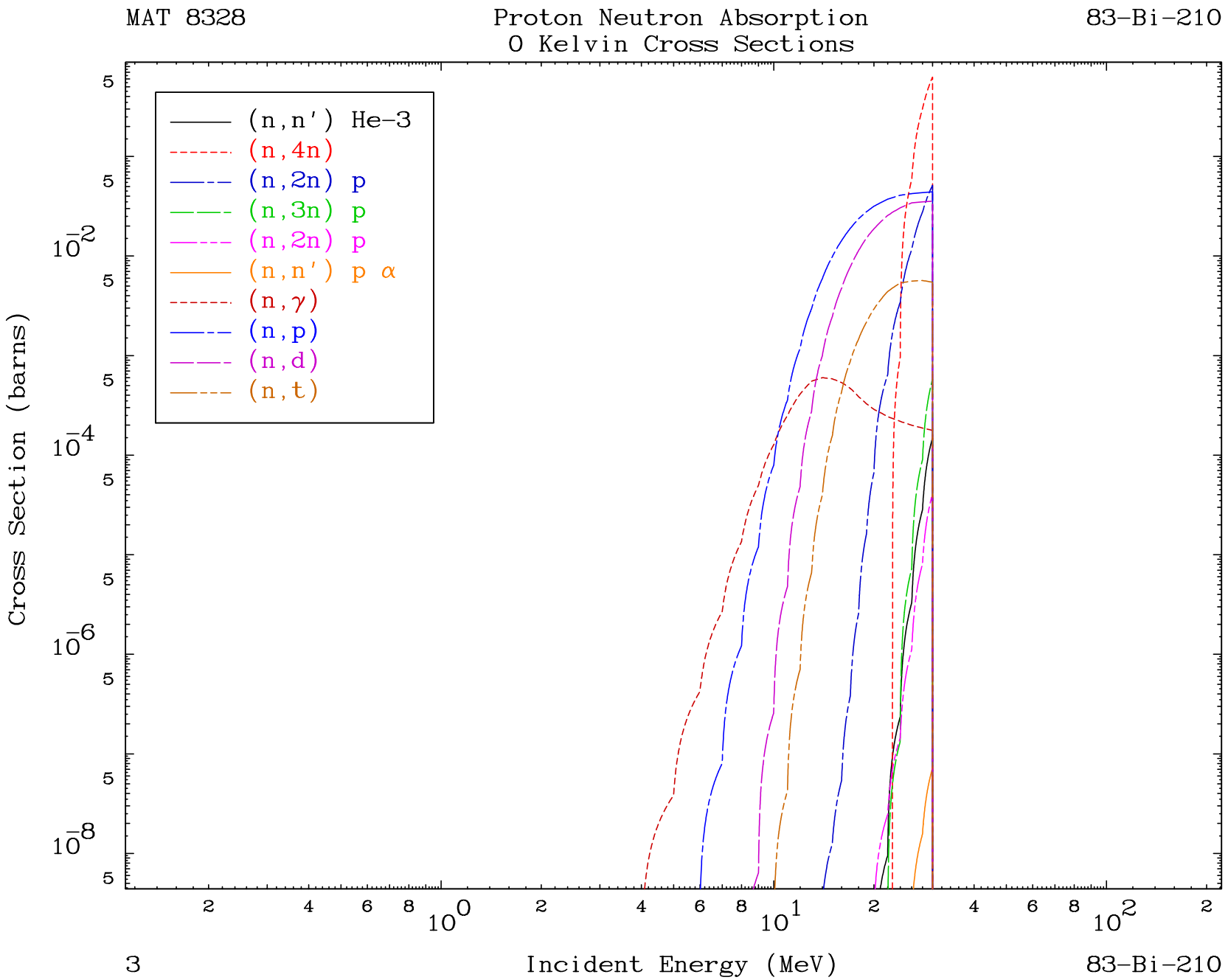
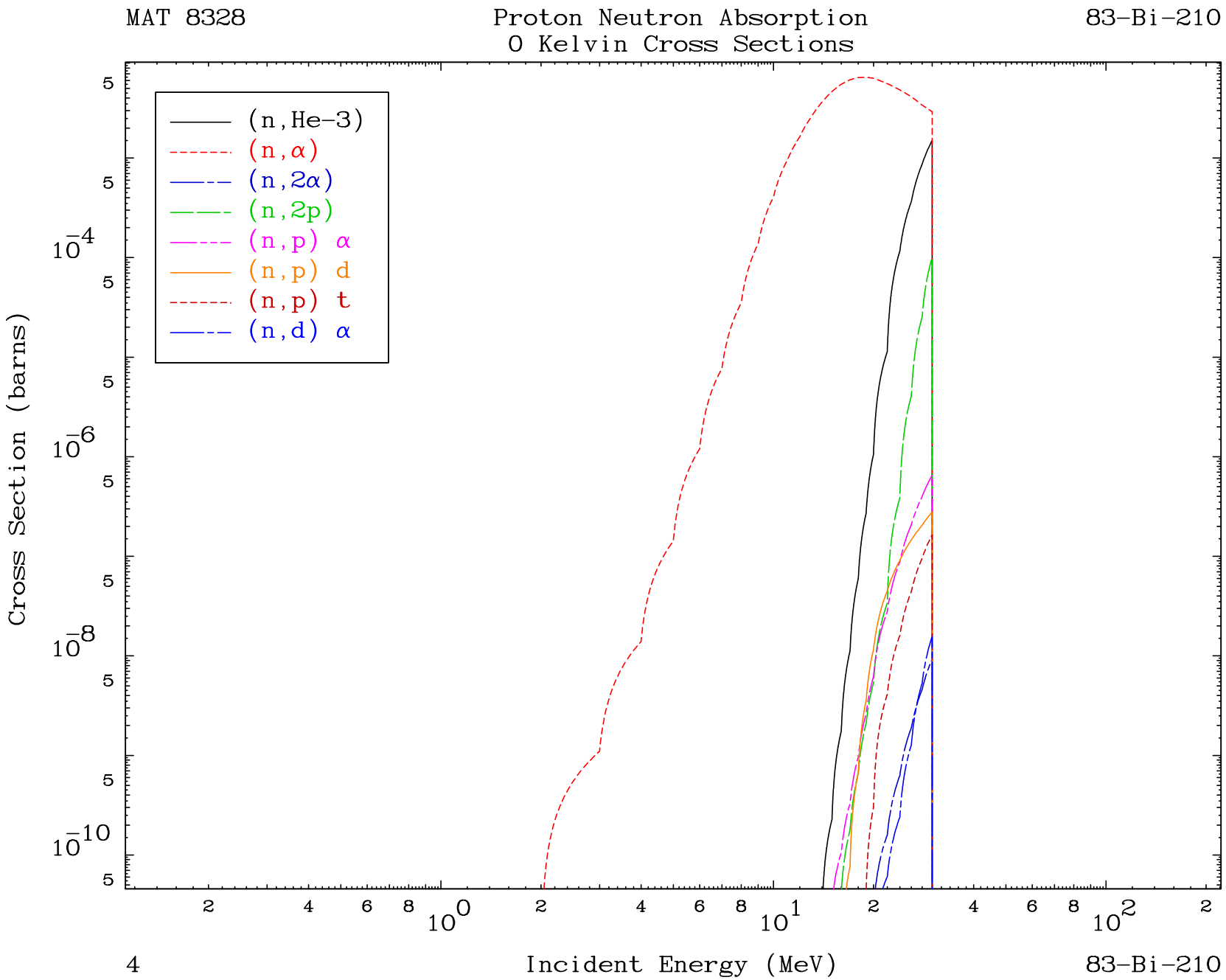
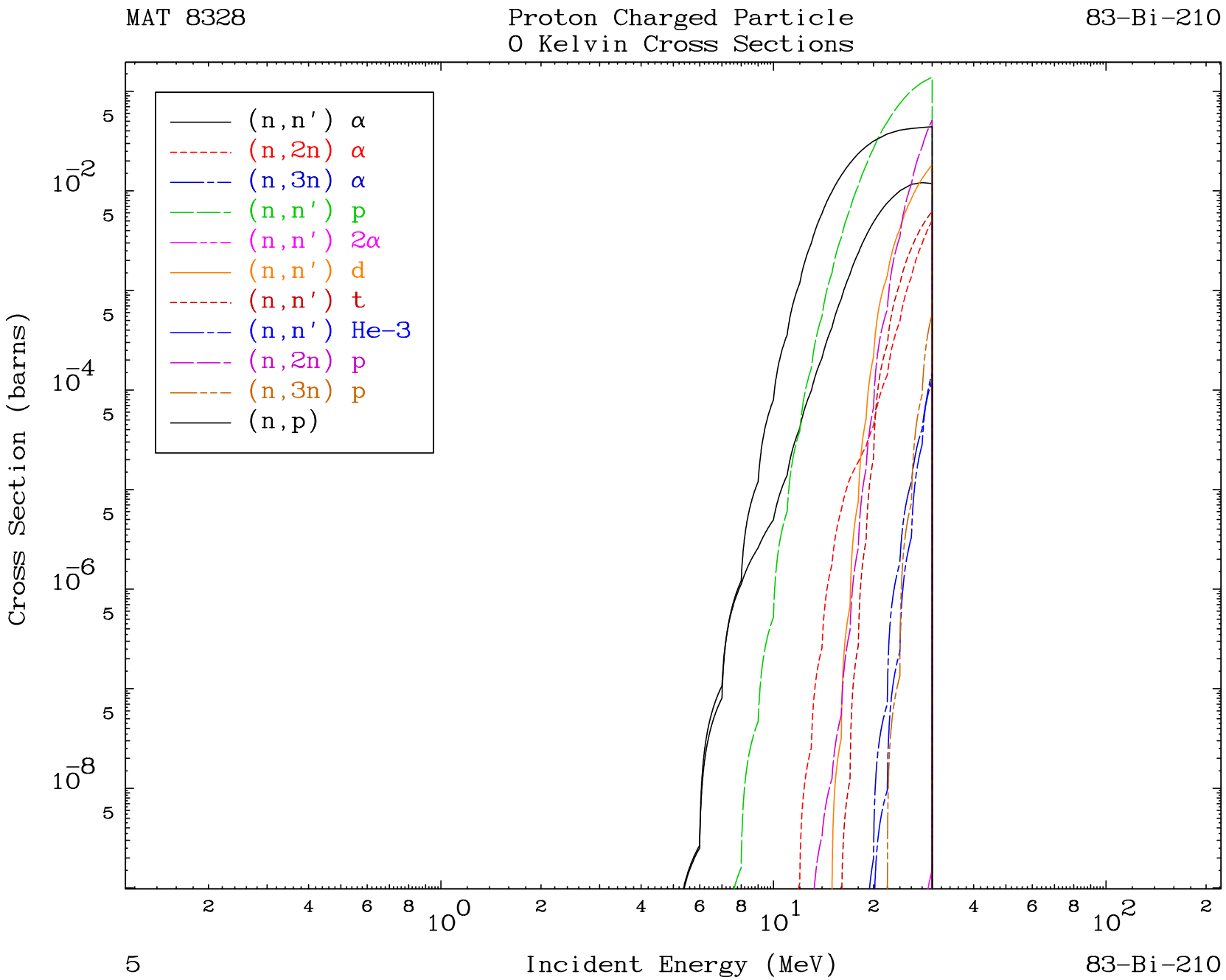
Press Mouse Button to Start

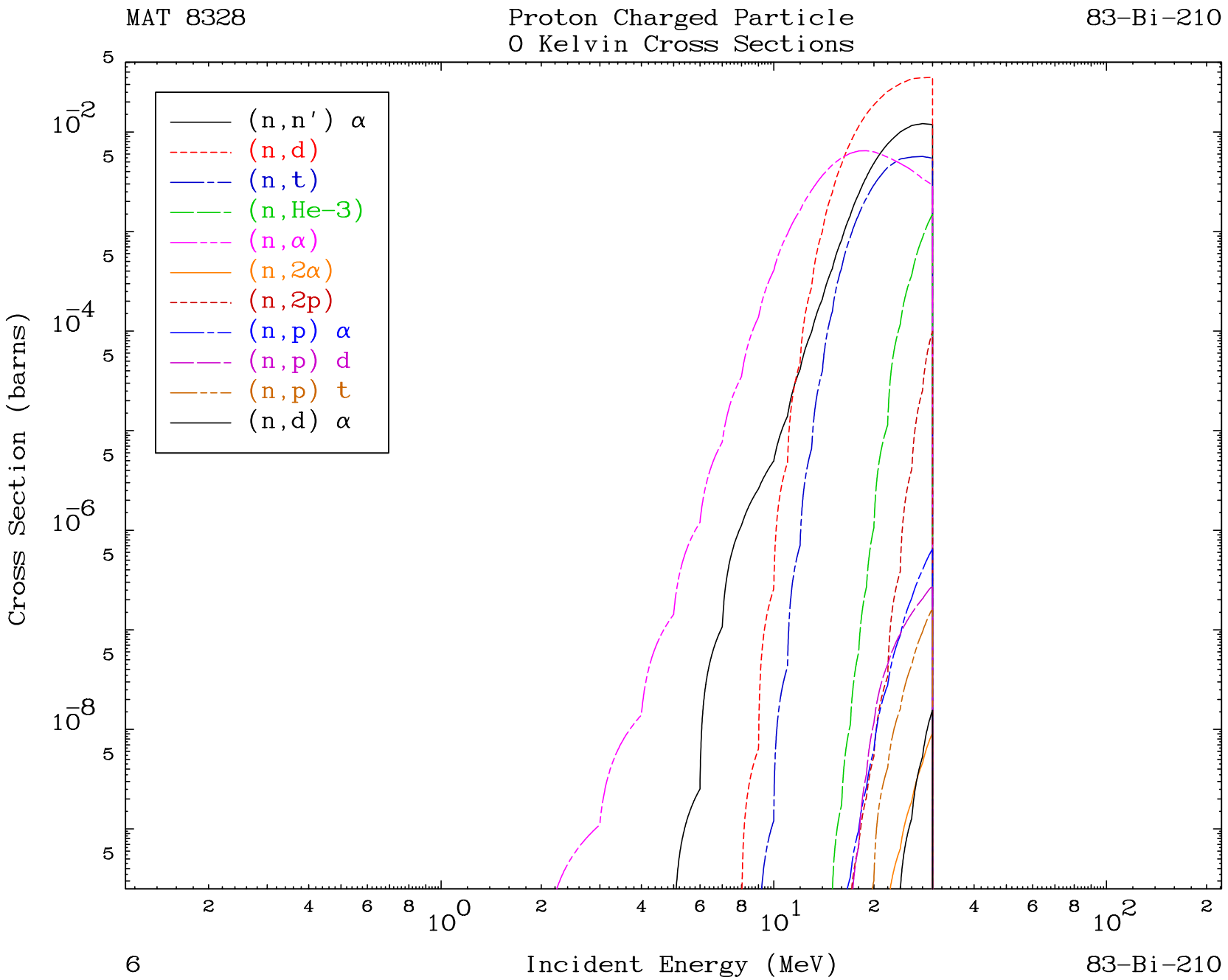

MAT 8328
Proton Major
83-Bi-210
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
83-Bi-210
1

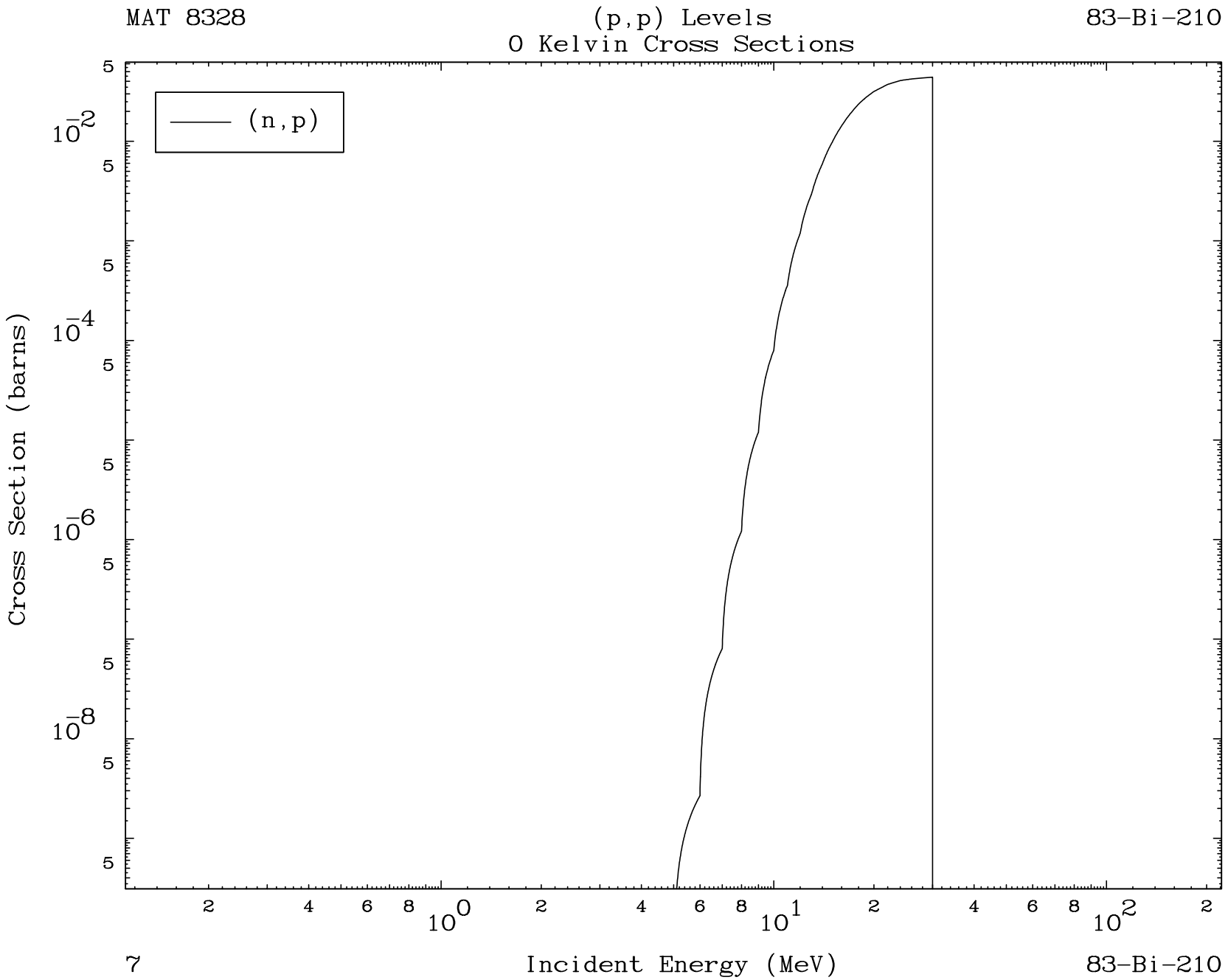

MAT 8328
Proton Neutron Absorption
0 Kelvin Cross Sections
83-Bi-210
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
2
83-Bi-210

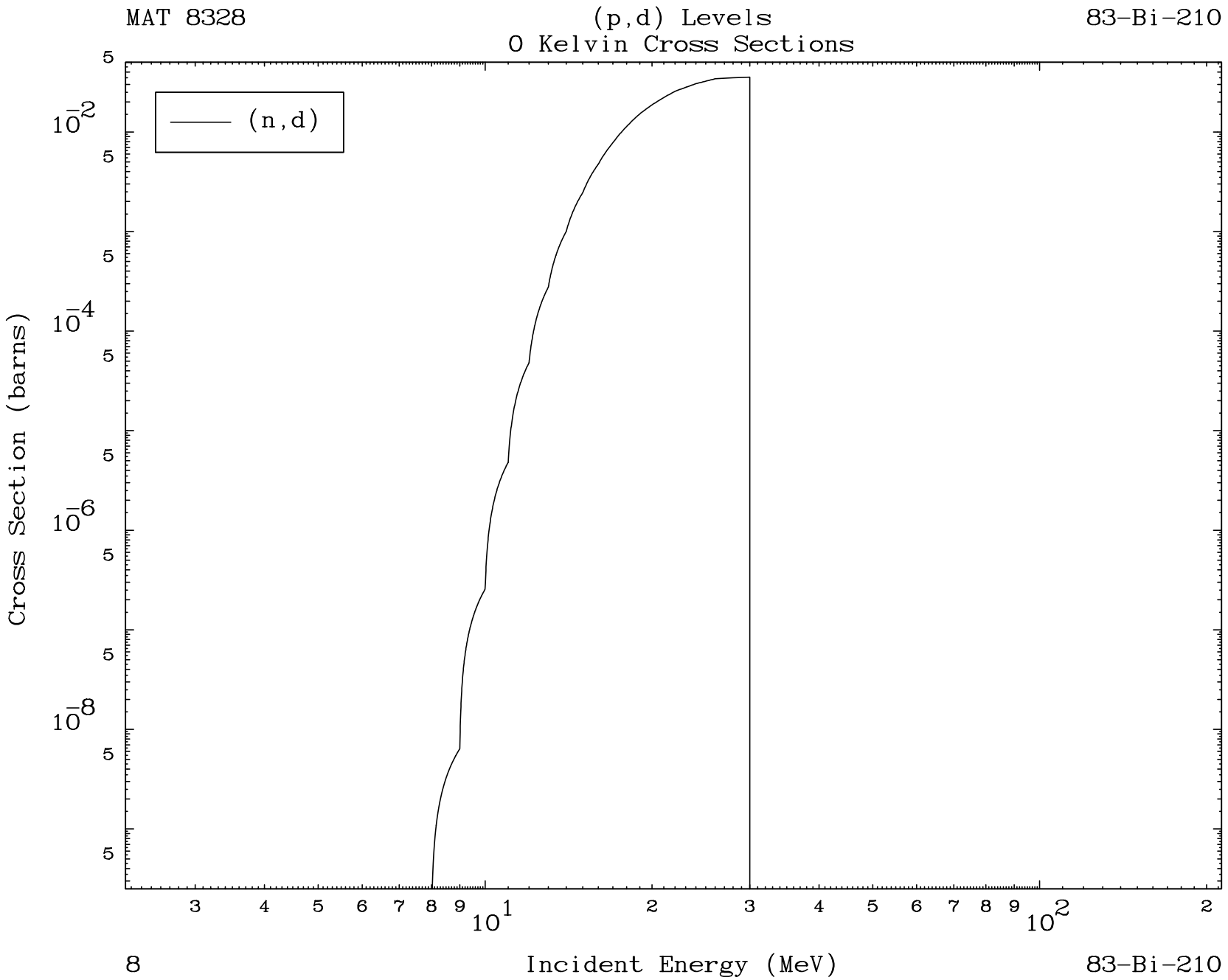

MAT 8328
Proton Neutron Absorption
0 Kelvin Cross Sections
83-Bi-210
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
83-Bi-210

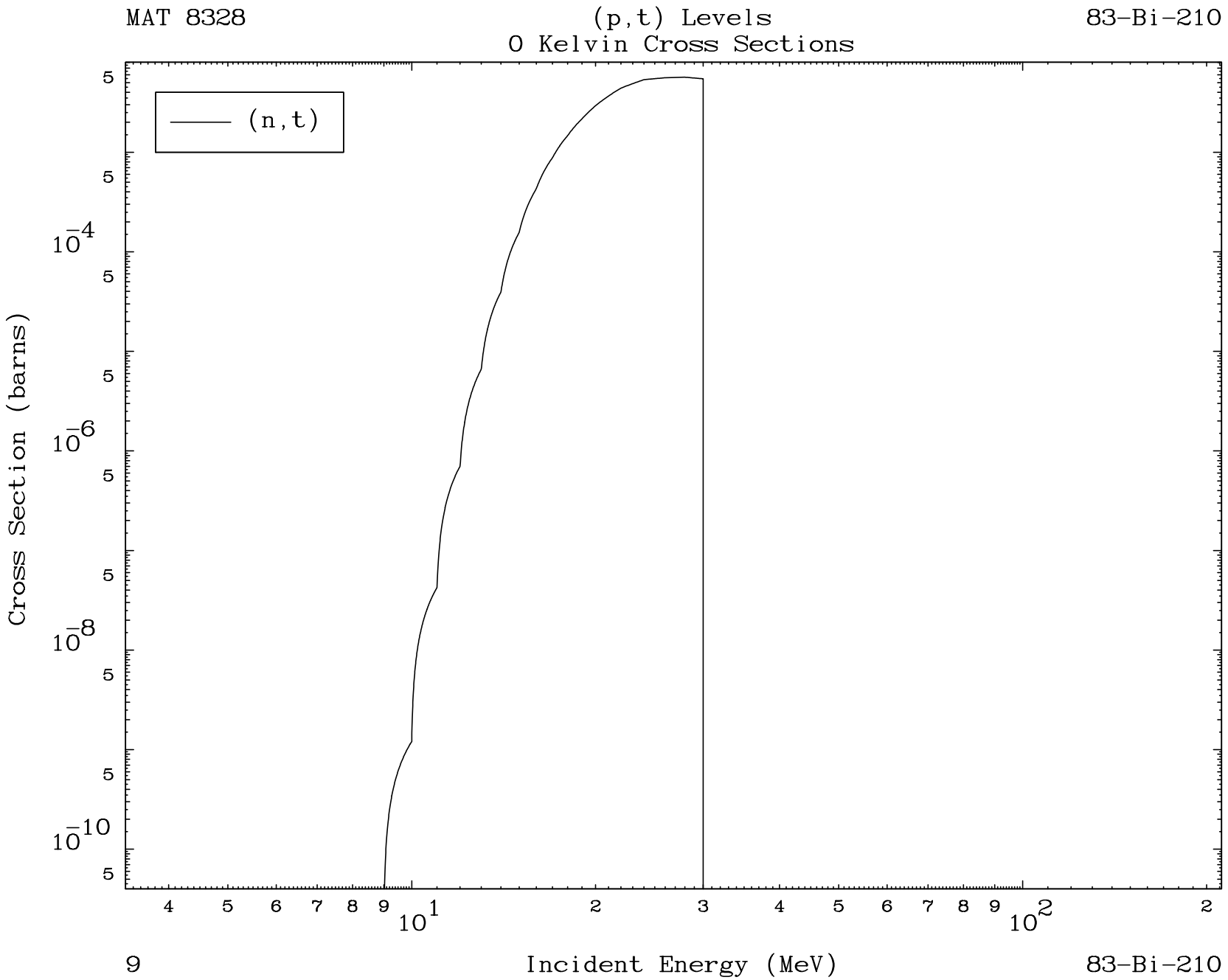

MAT 8328
Proton Neutron Absorption
0 Kelvin Cross Sections
83-Bi-210
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
83-Bi-210

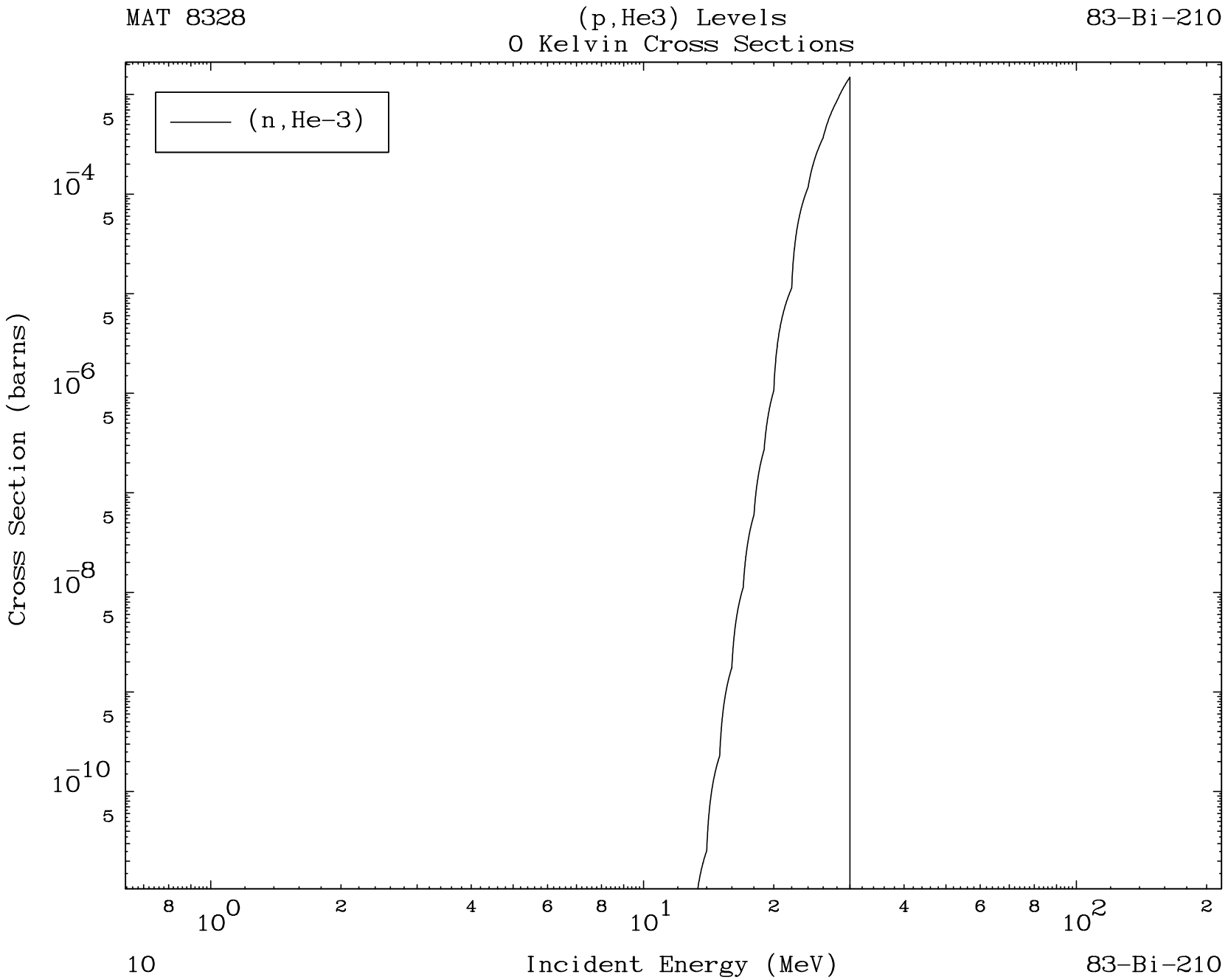

MAT 8328
Proton Charged Particle
0 Kelvin Cross Sections
83-Bi-210
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
5
83-Bi-210

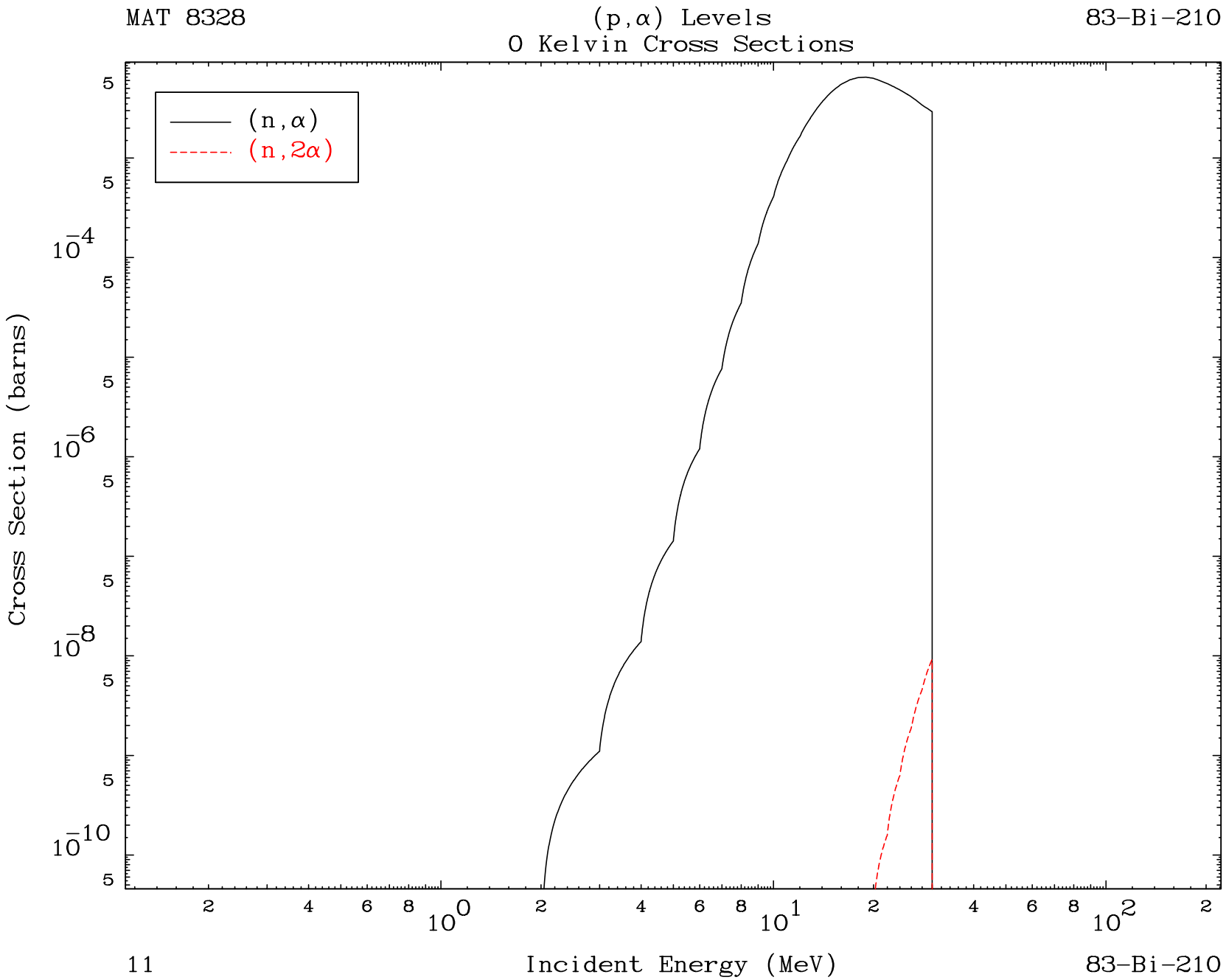

MAT 8328
Proton Charged Particle
0 Kelvin Cross Sections
83-Bi-210
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
83-Bi-210

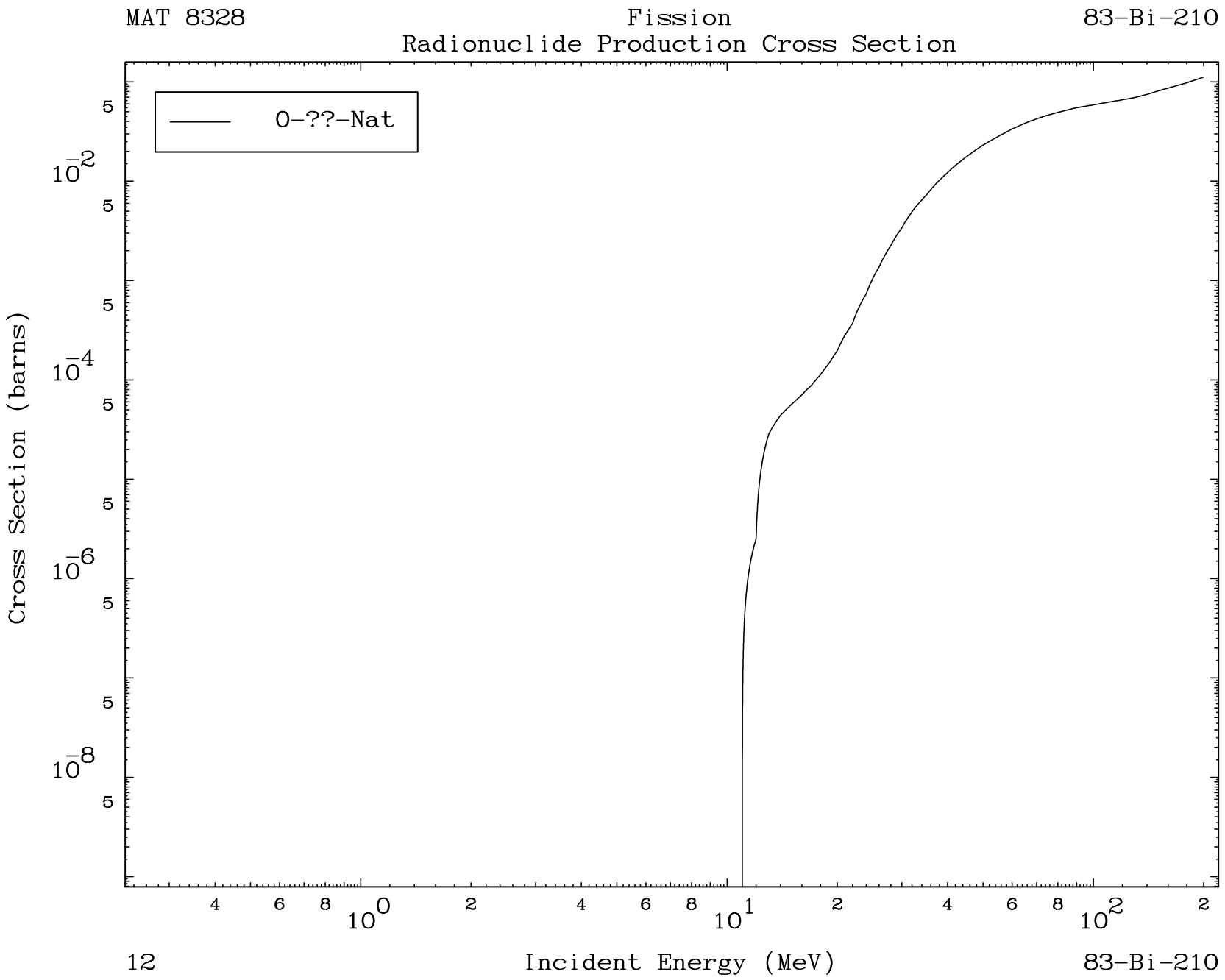

MAT 8328
(p,p) Levels
83-Bi-210
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
83-Bi-210

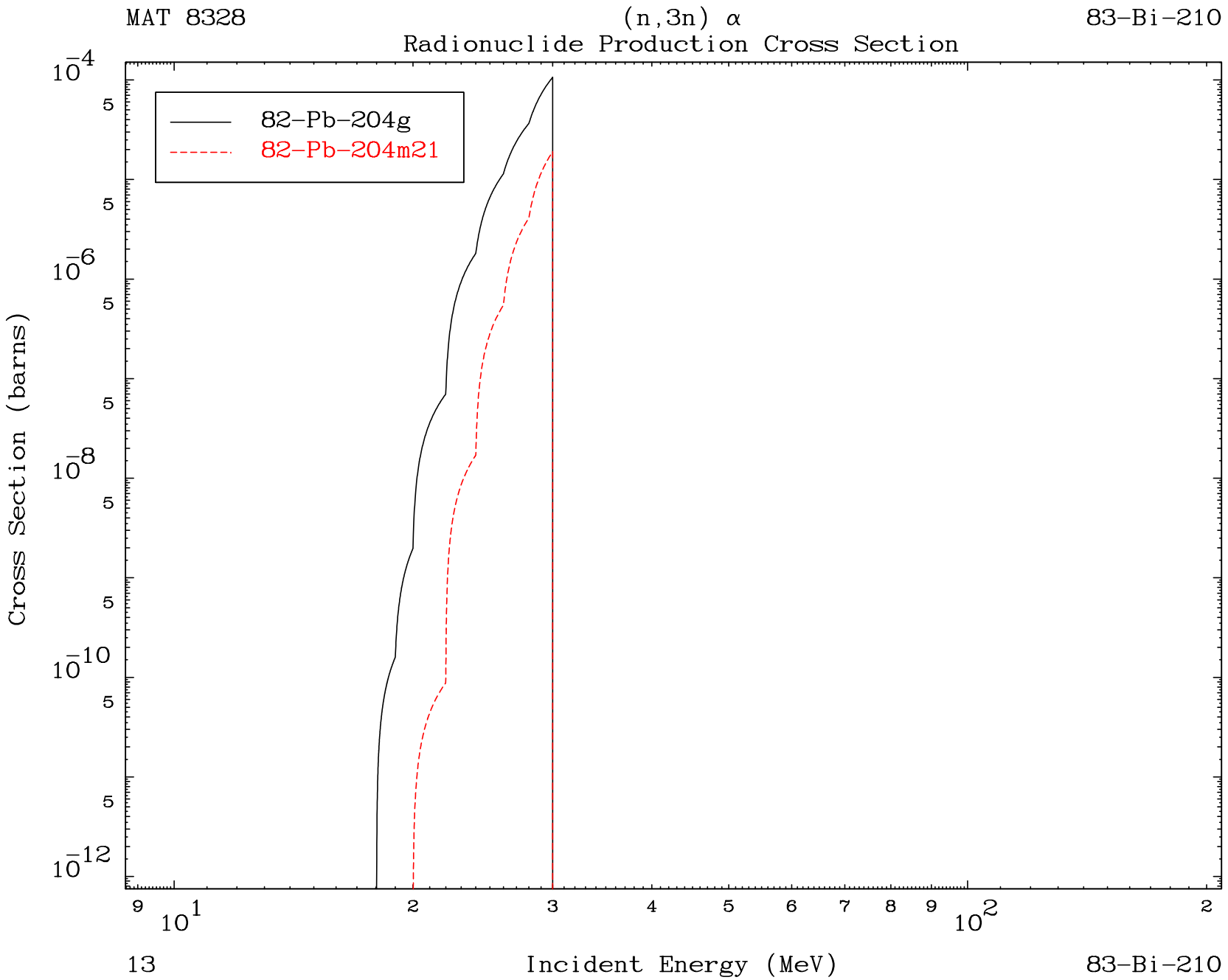

MAT 8328
(p,d) Levels
83-Bi-210
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
8
83-Bi-210

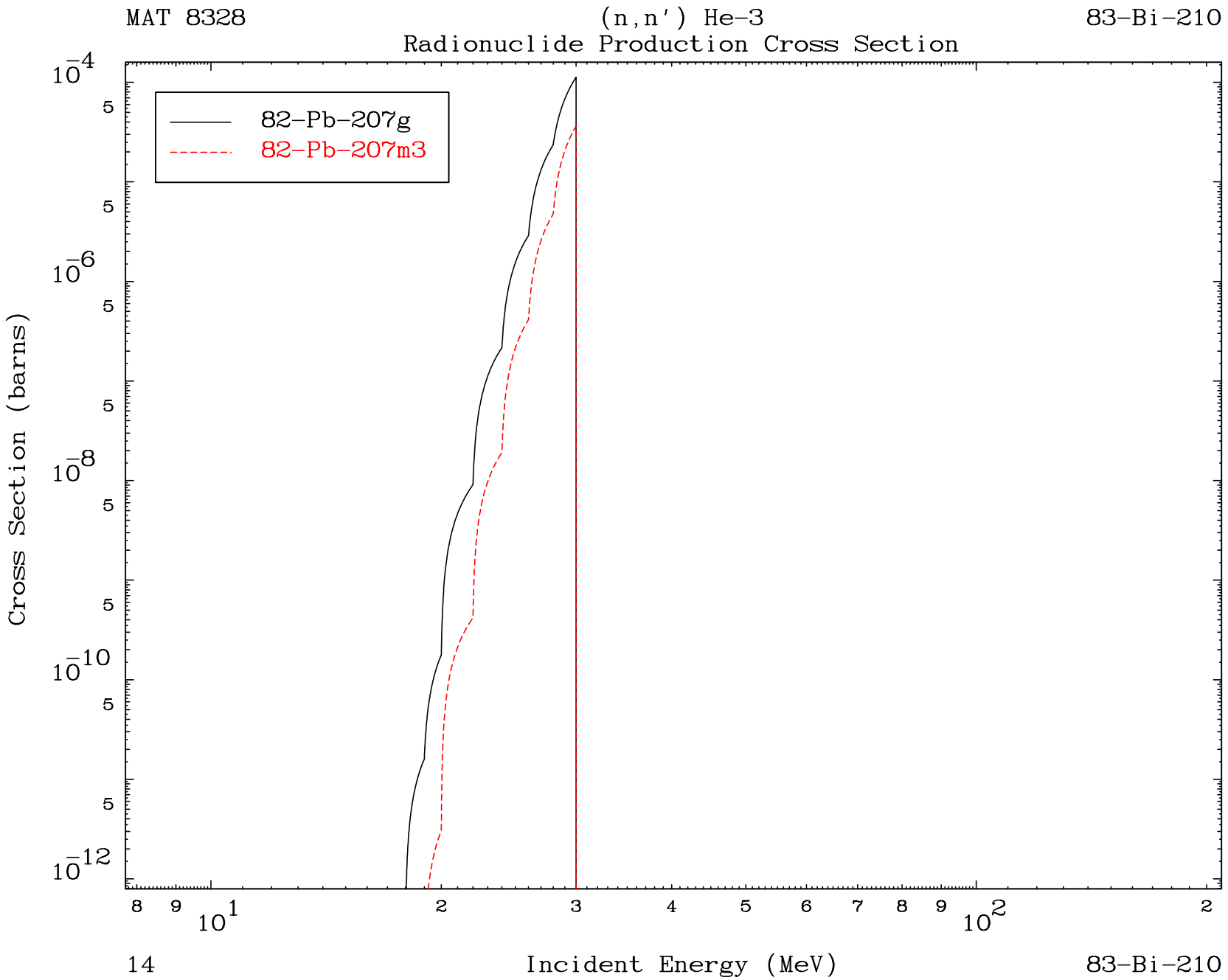

MAT 8328
(p,t) Levels
83-Bi-210
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
83-Bi-210

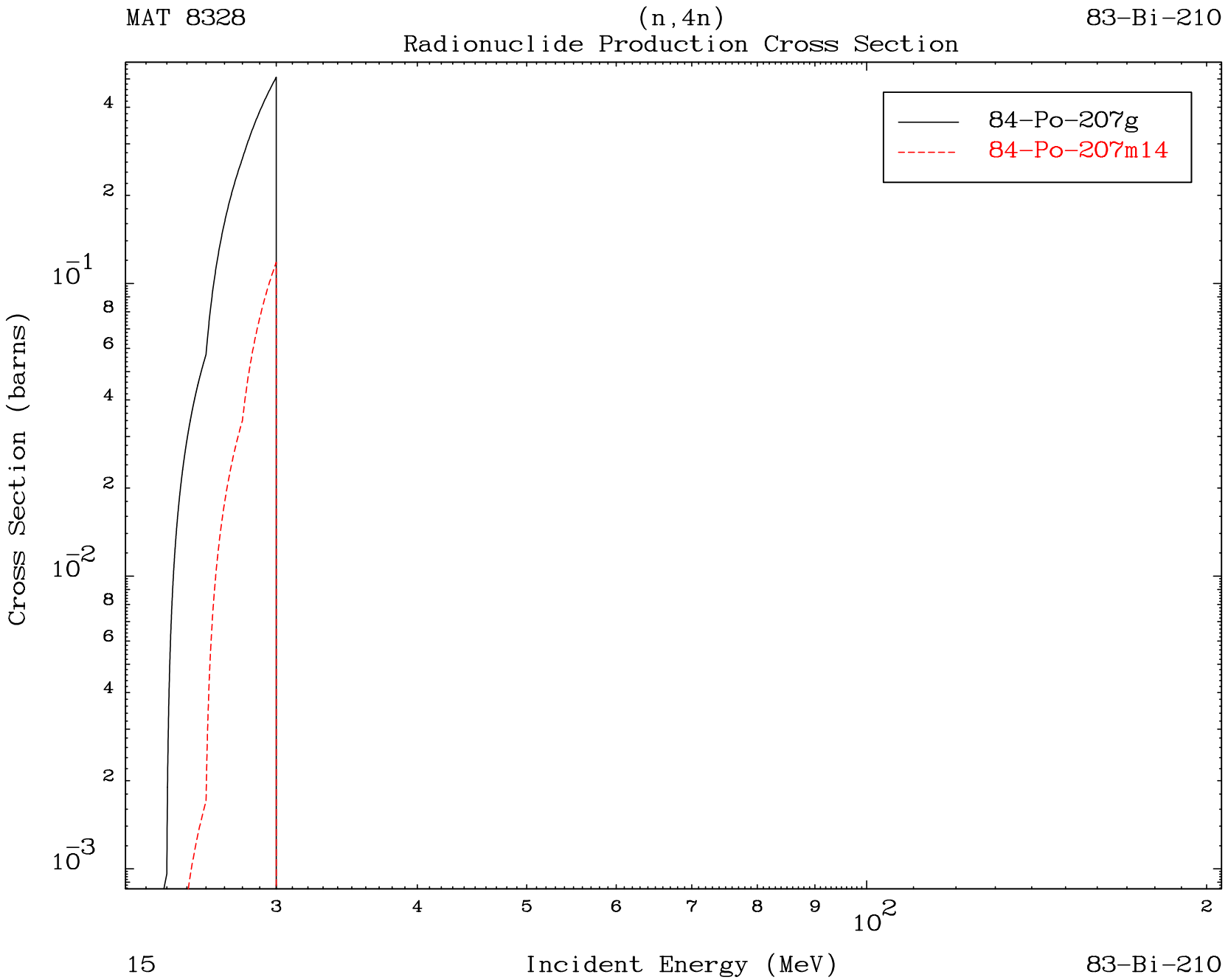

MAT 8328
(p,He3) Levels
83-Bi-210
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
83-Bi-210
10

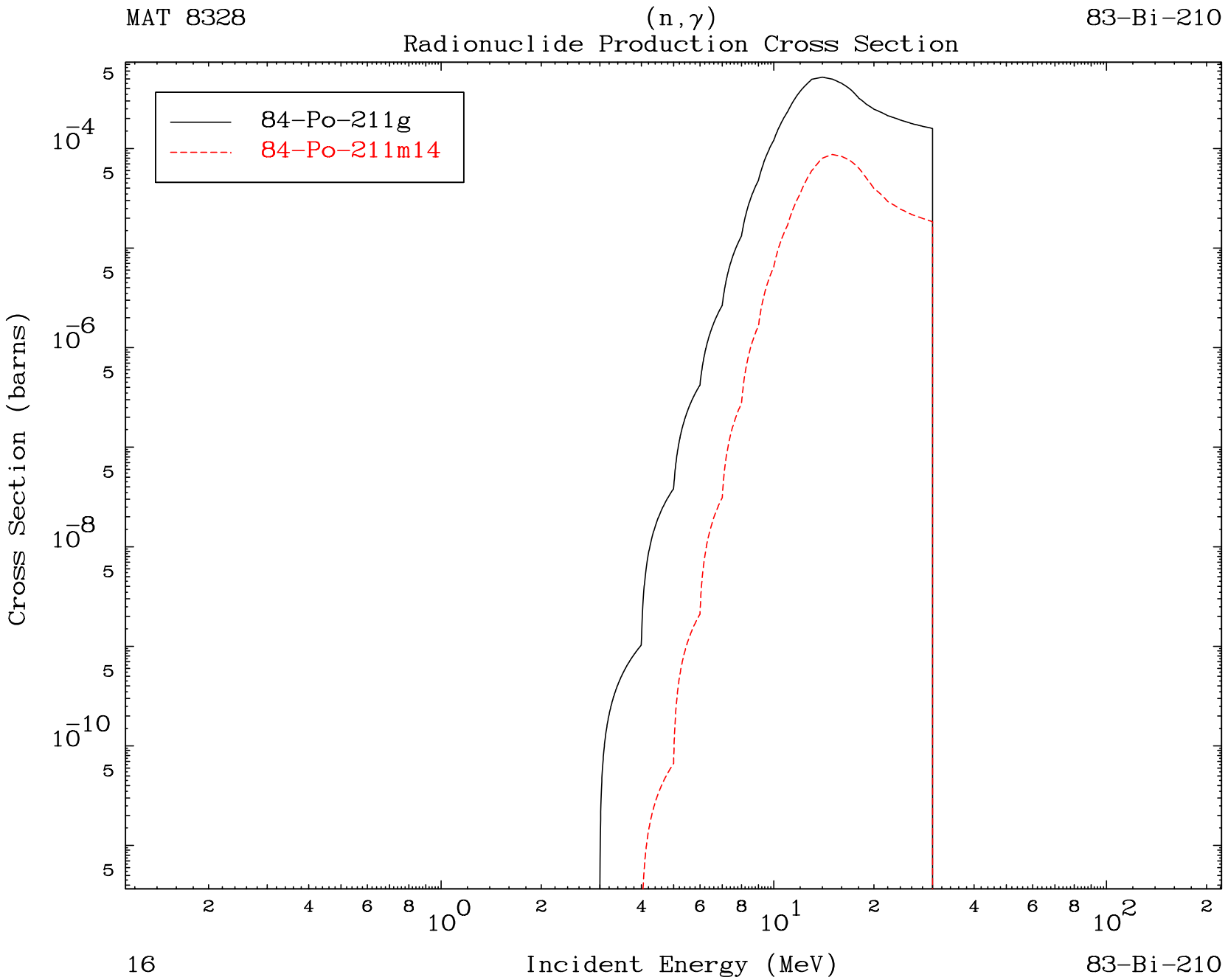

MAT 8328
(p,α) Levels
83-Bi-210
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
11
83-Bi-210

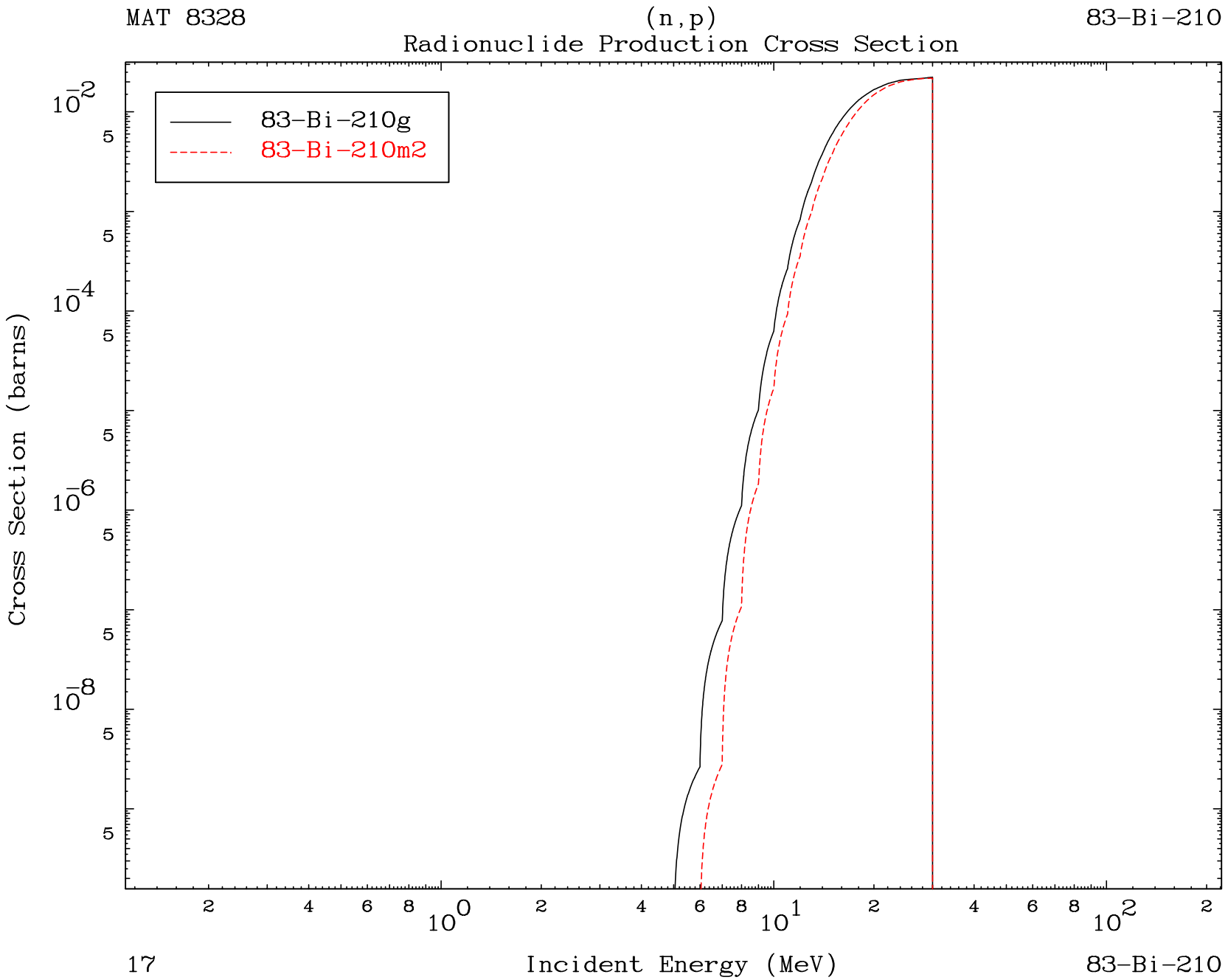

MAT 8328
Fission
83-Bi-210
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
12
83-Bi-210

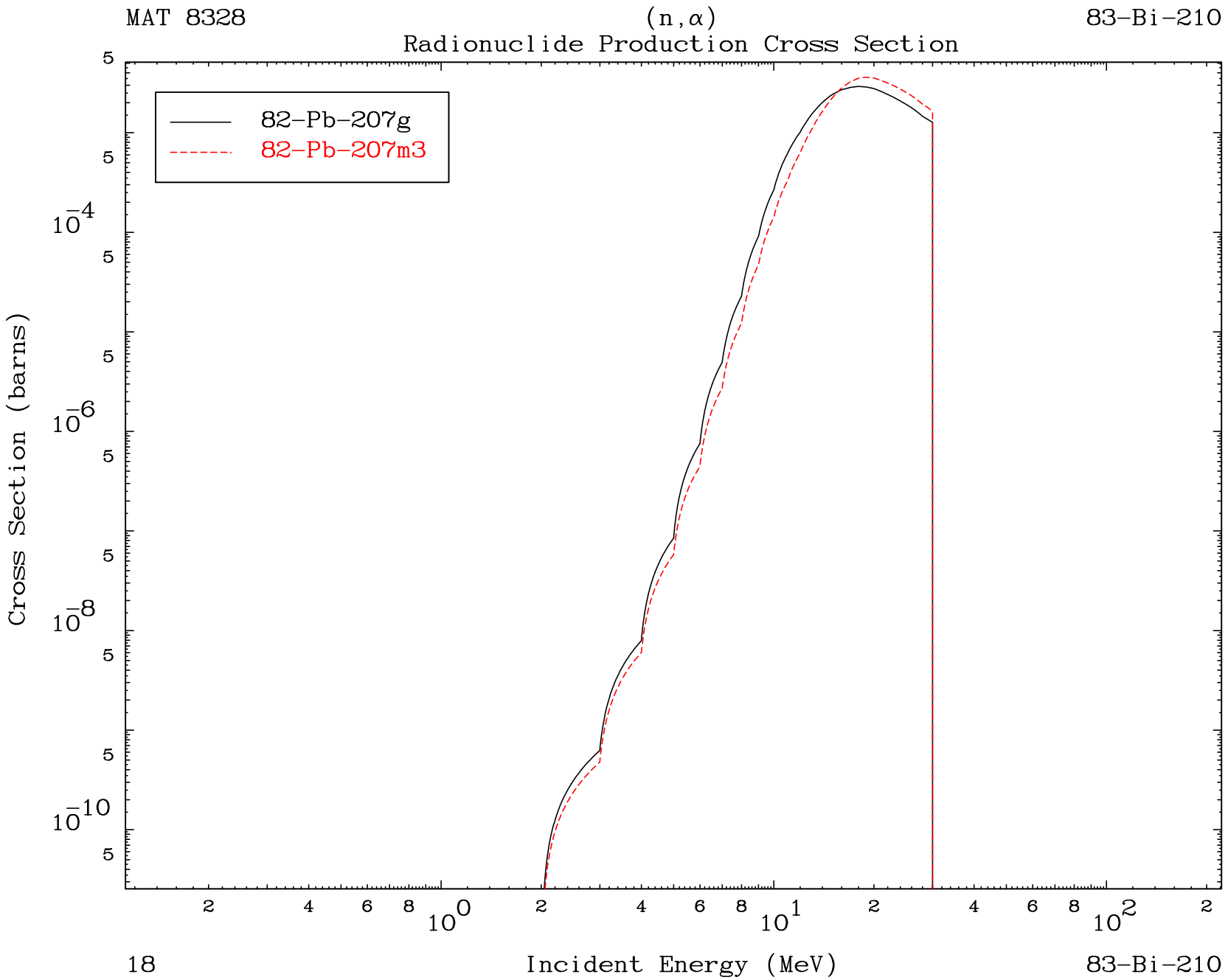

MAT 8328
(n,3n) α
83-Bi-210
Radionuclide Production Cross Section
82-Pb-204g
82-Pb-204m21
Cross Section (barns)
Incident Energy (MeV)
13
83-Bi-210

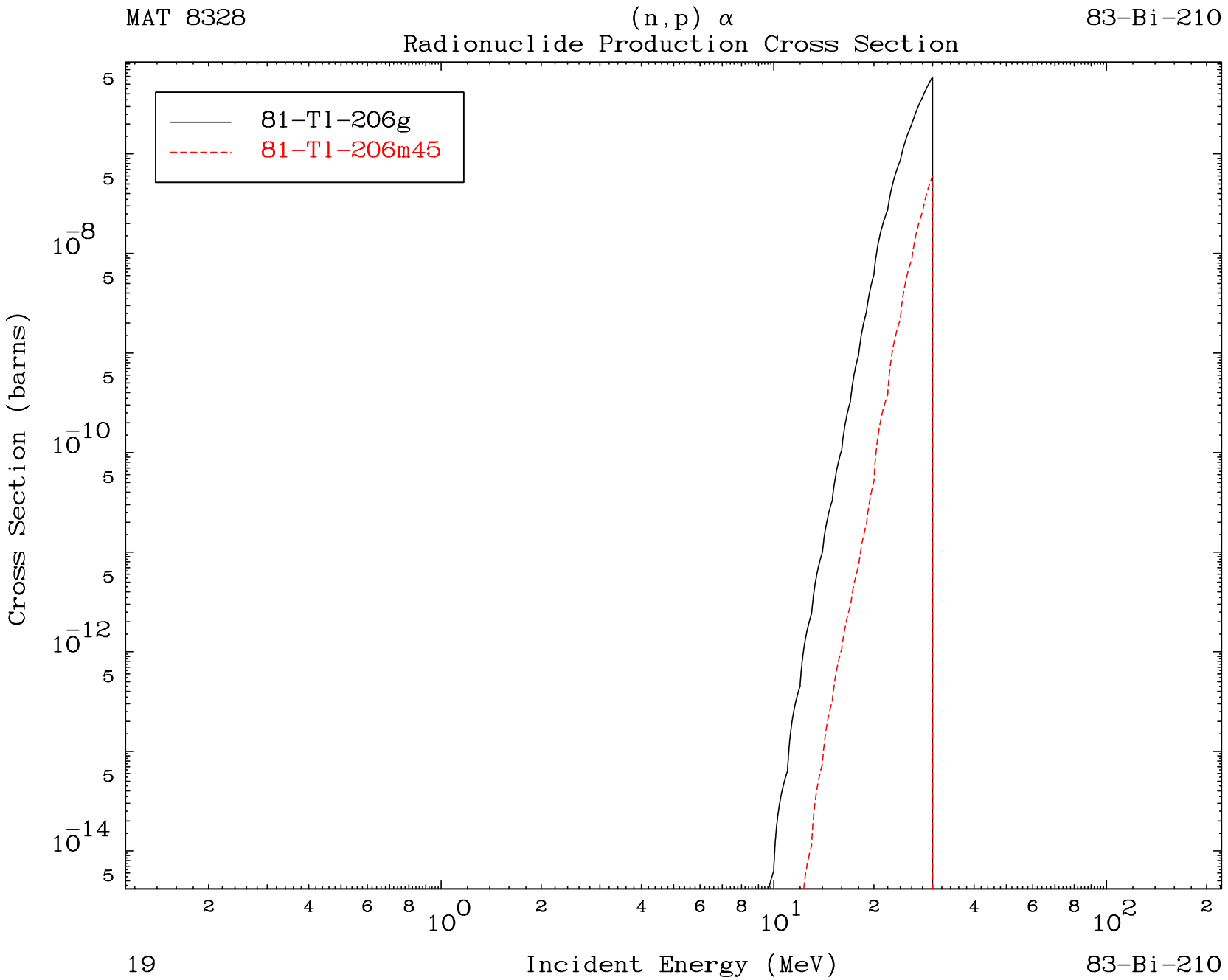

MAT 8328
(n,n') He-3
83-Bi-210
Radionuclide Production Cross Section
82-Pb-207g
82-Pb-207m3
Cross Section (barns)
Incident Energy (MeV)
14
83-Bi-210

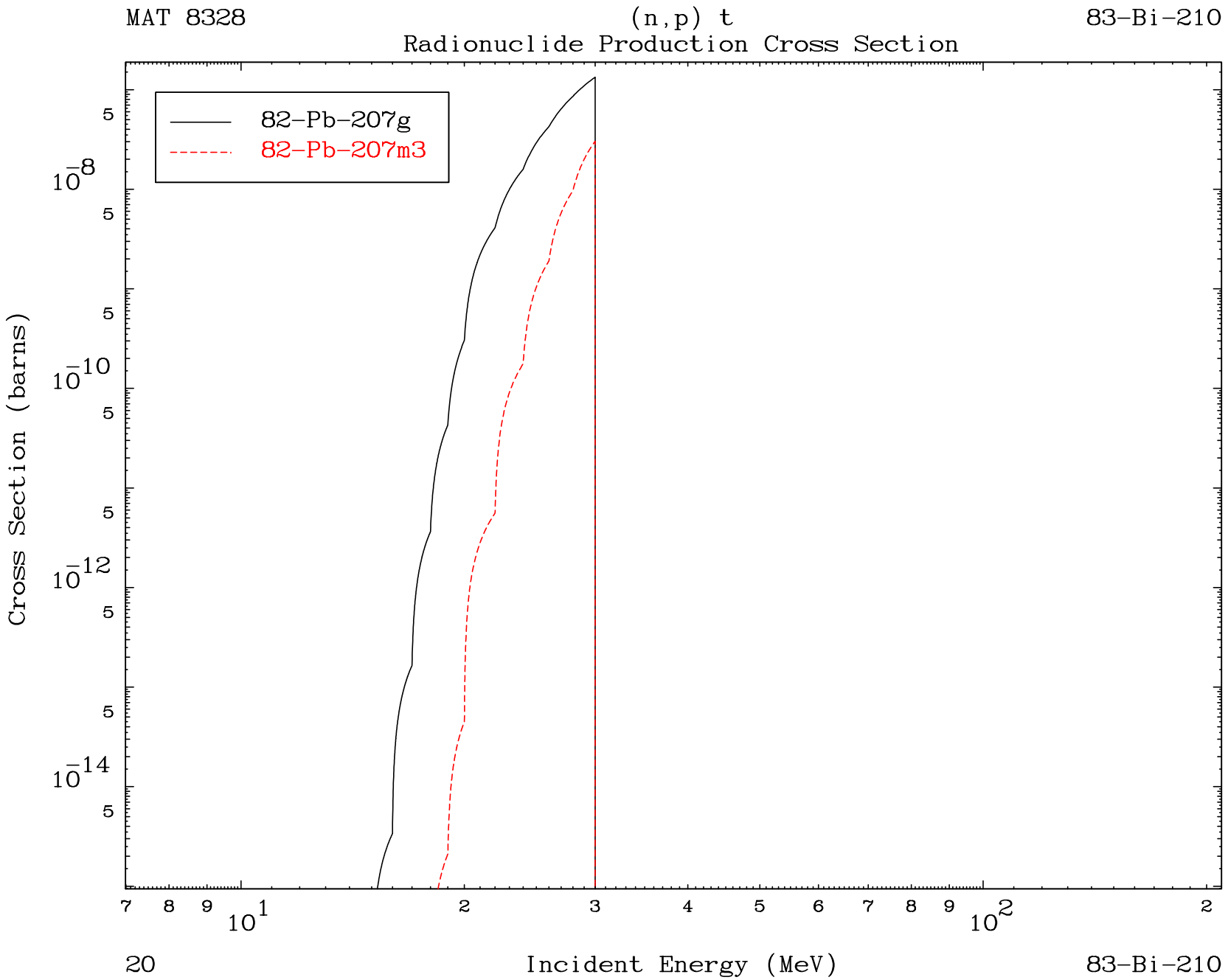

MAT 8328
(n,4n)
83-Bi-210
Radionuclide Production Cross Section
84-Po-207g
84-Po-207m14
Cross Section (barns)
Incident Energy (MeV)
15
83-Bi-210


MAT 8328
(n,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 8328
(n,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 8328
(n,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 8328
(n,p) α
83-Bi-210
Radionuclide Production Cross Section
81-Tl-206g
81-Tl-206m45
Cross Section (barns)
Incident Energy (MeV)
19
83-Bi-210


MAT 8328
(n,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