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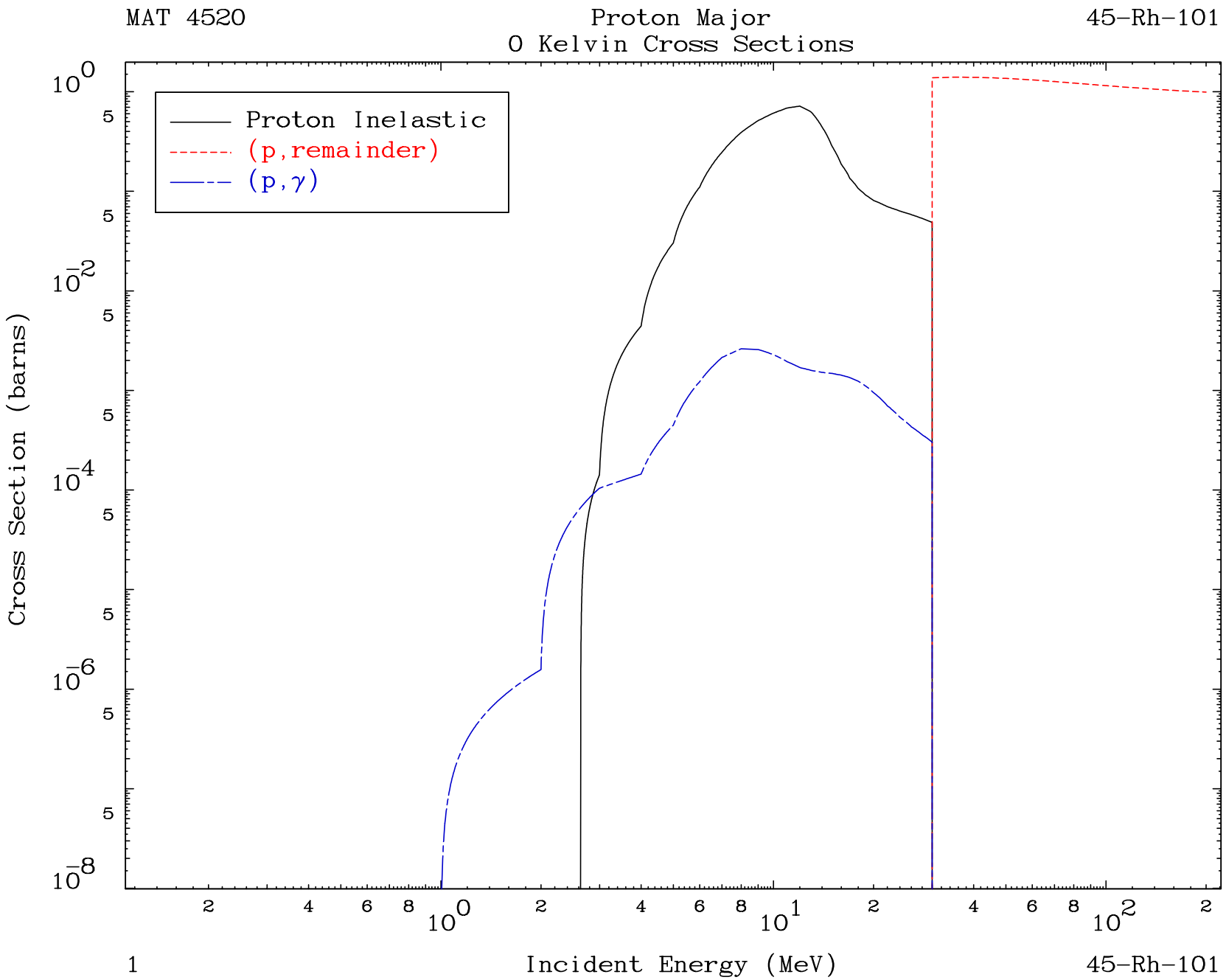
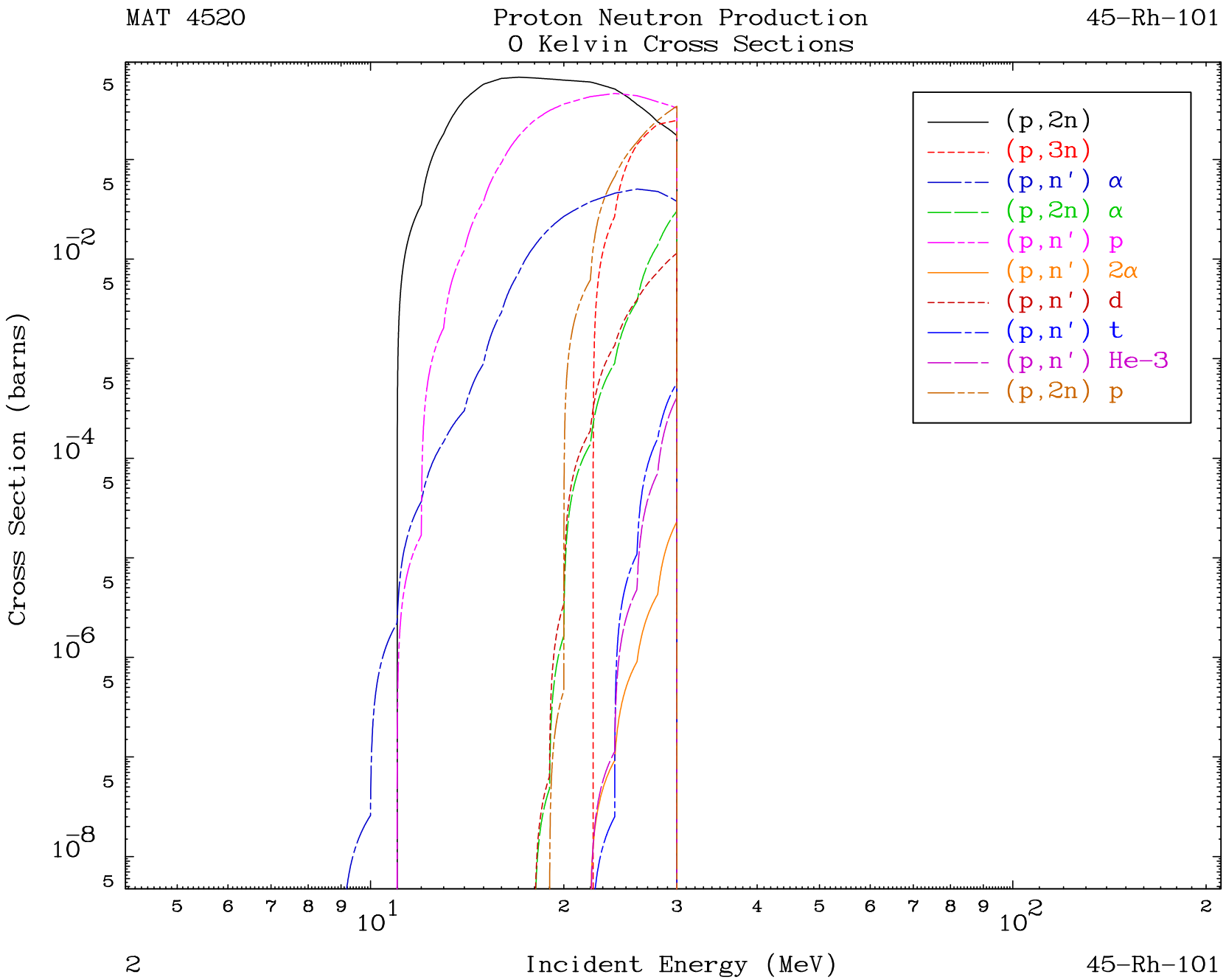
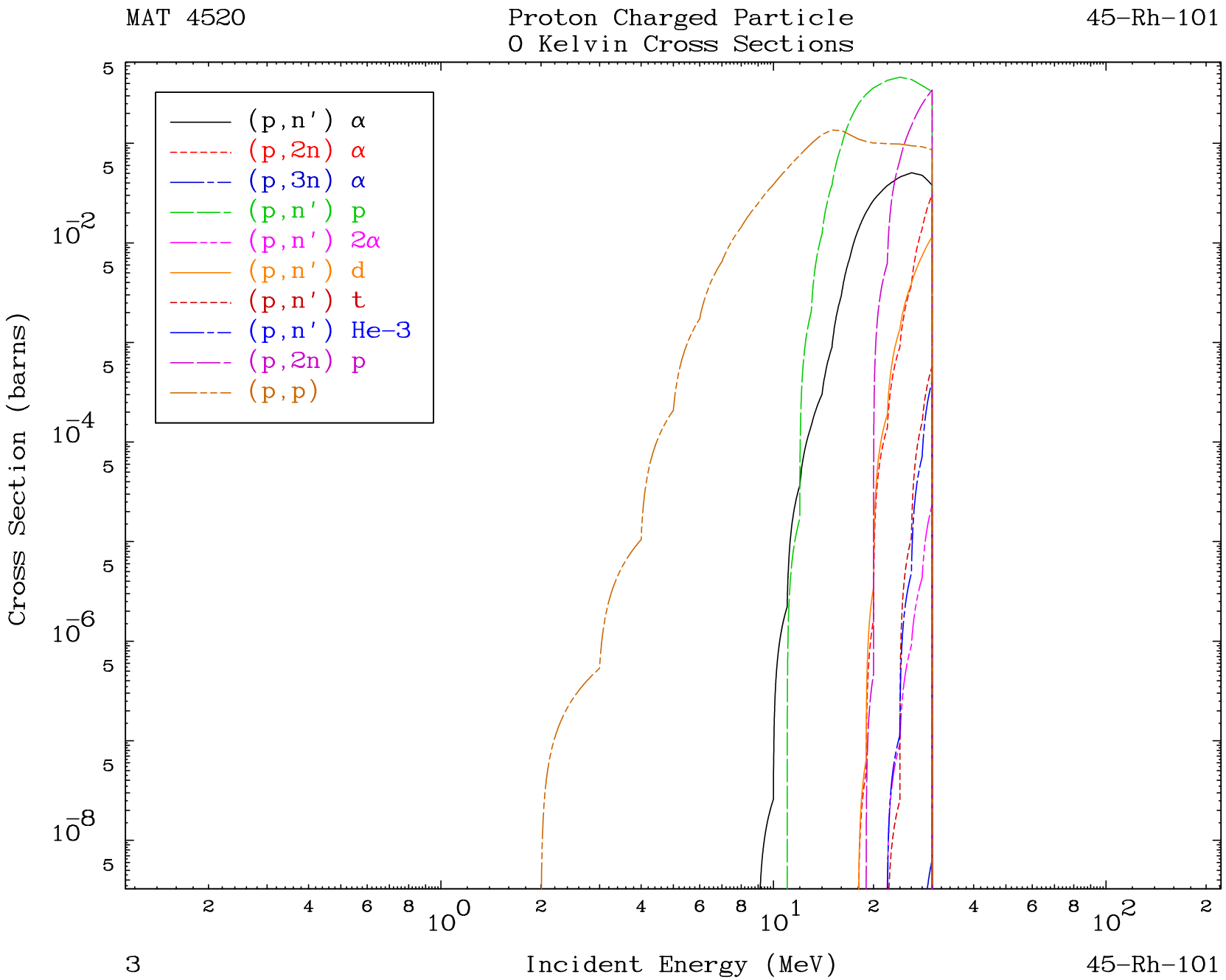
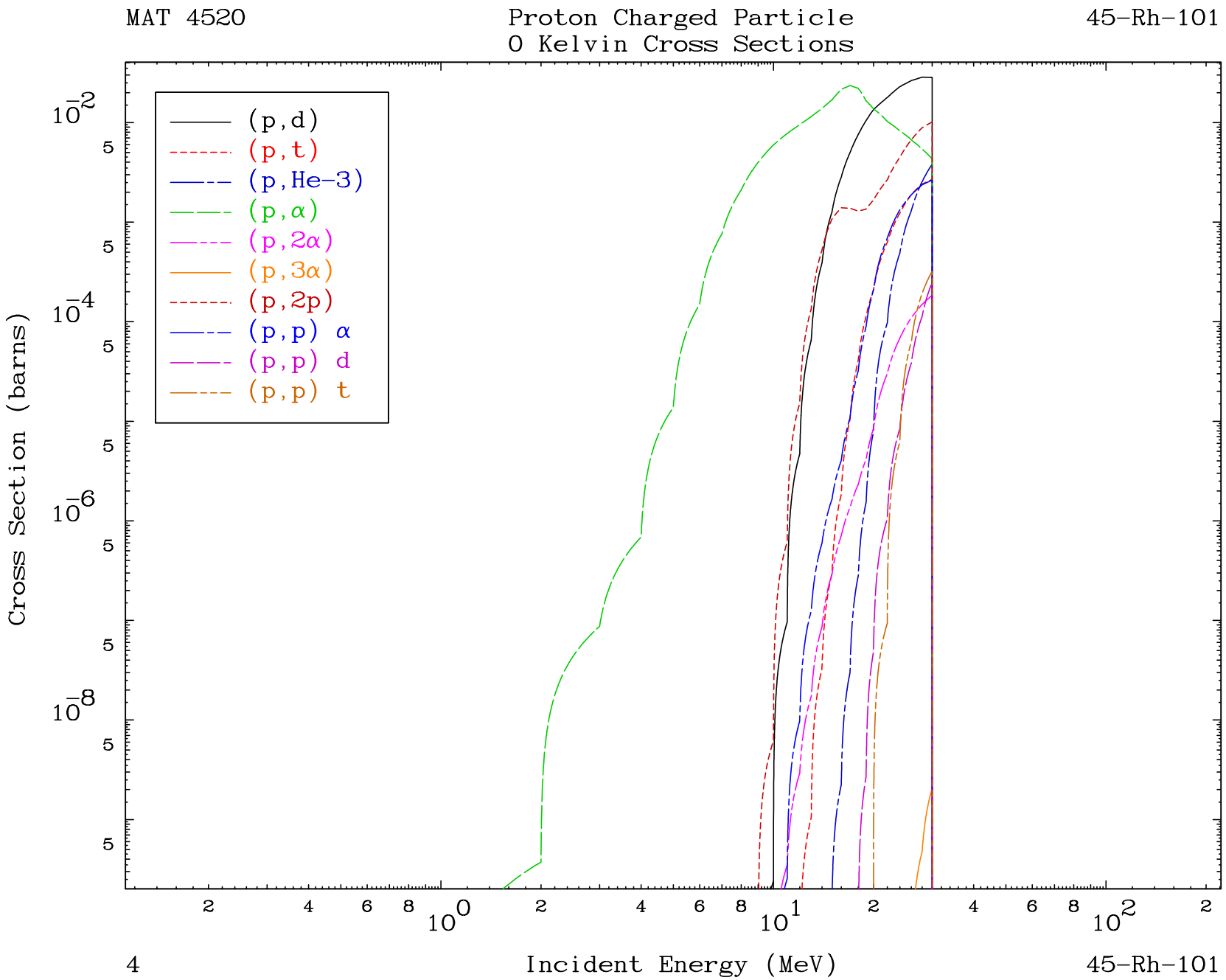
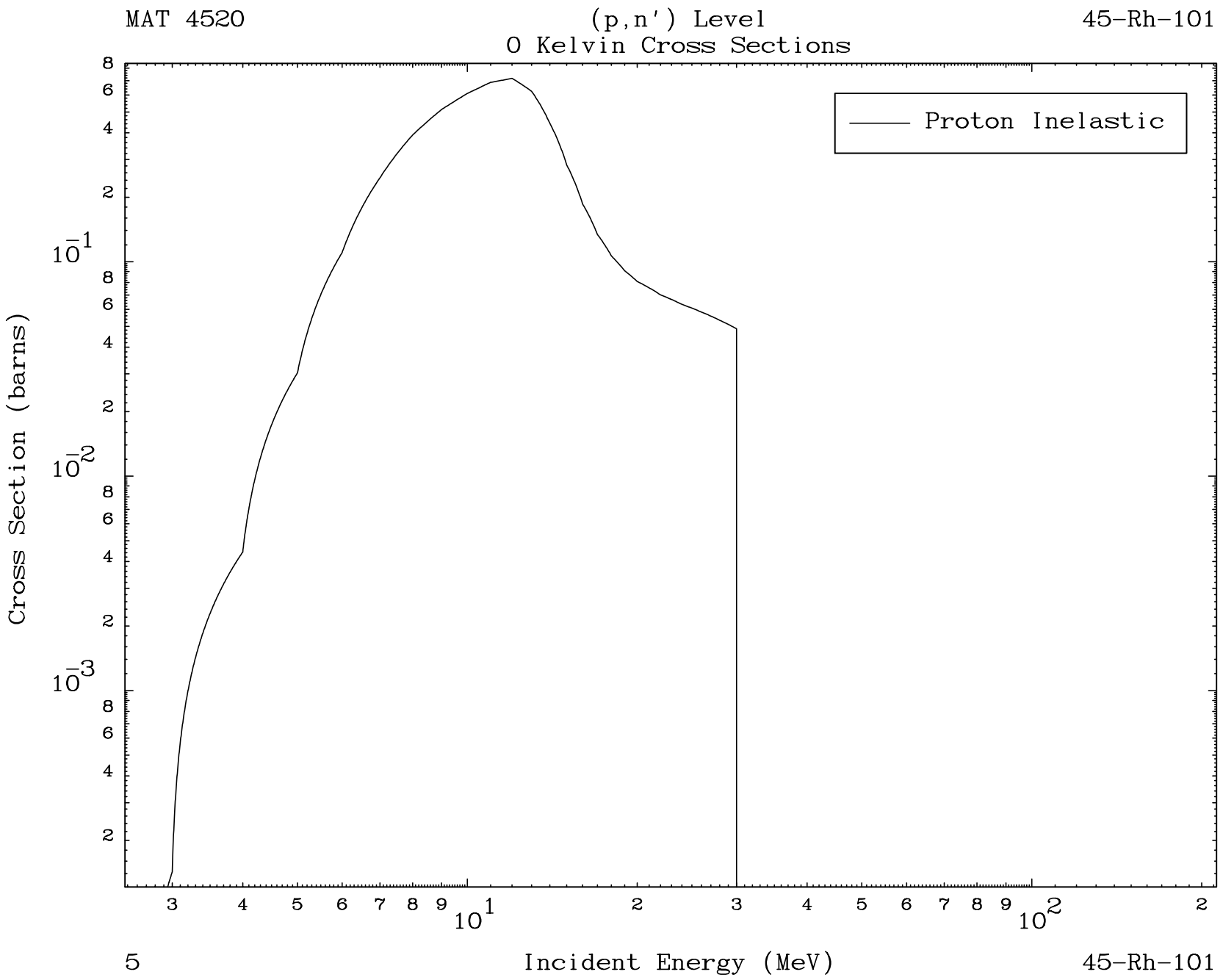
Press Mouse Button to Start

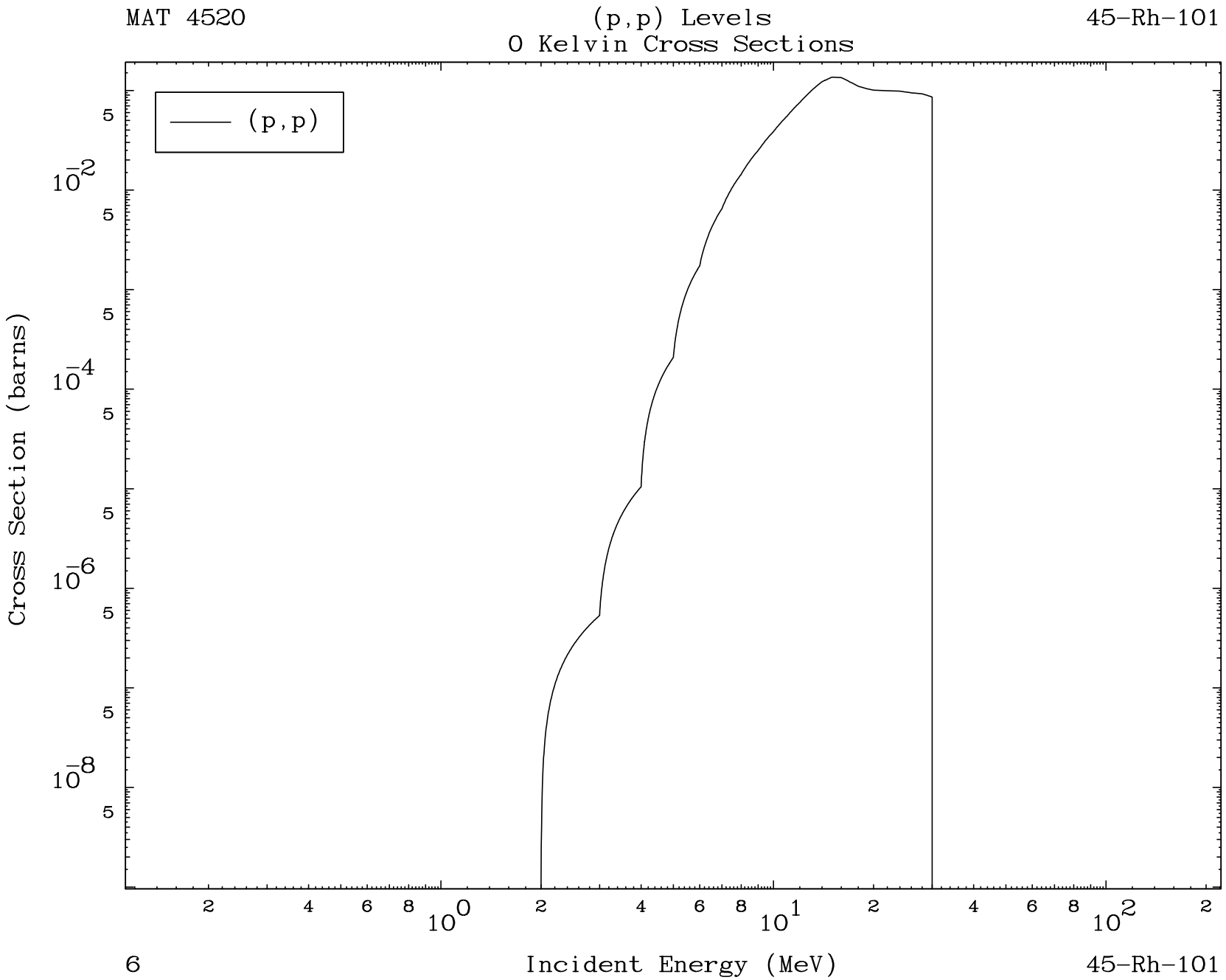

MAT 4520
Proton Major
45-Rh-101
0 Kelvin Cross Sections
Proton Inelastic
(p,remainder)
(p,γ)
Cross Section (barns)
Incident Energy (MeV)
45-Rh-101
1

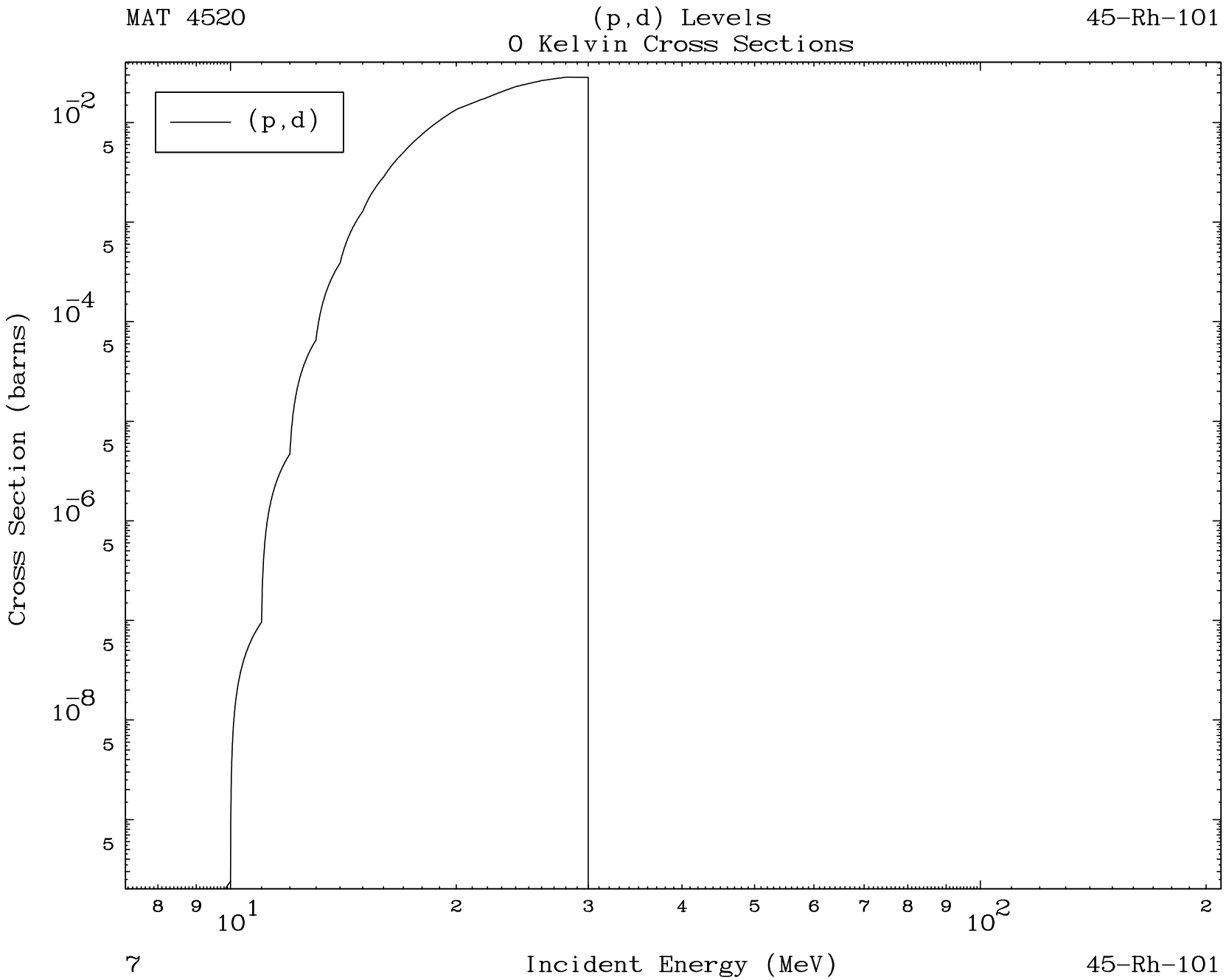

MAT 4520
Proton Neutron Production
0 Kelvin Cross Sections
45-Rh-101
Cross Section (barns)
Incident Energy (MeV)
45-Rh-101
(p,2n)
(p,3n)
(p,n') α
(p,2n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p

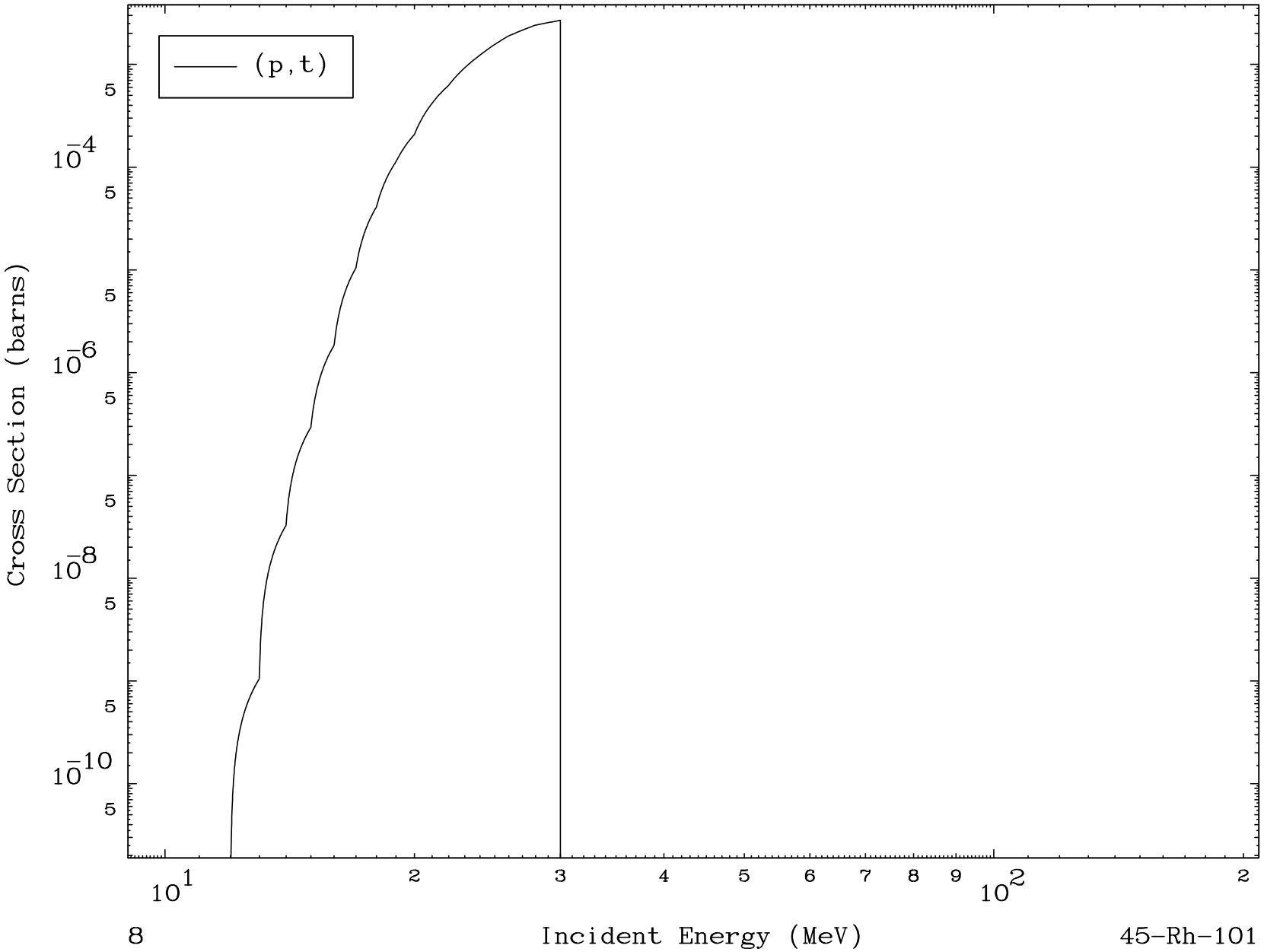

MAT 4520
Proton Charged Particle
0 Kelvin Cross Sections
45-Rh-101
(p,n') α
(p,2n) α
(p,3n) α
(p,n') p
(p,n') 2α
(p,n') d
(p,n') t
(p,n') He-3
(p,2n) p
(p,p)
Cross Section (barns)
Incident Energy (MeV)
3
45-Rh-101

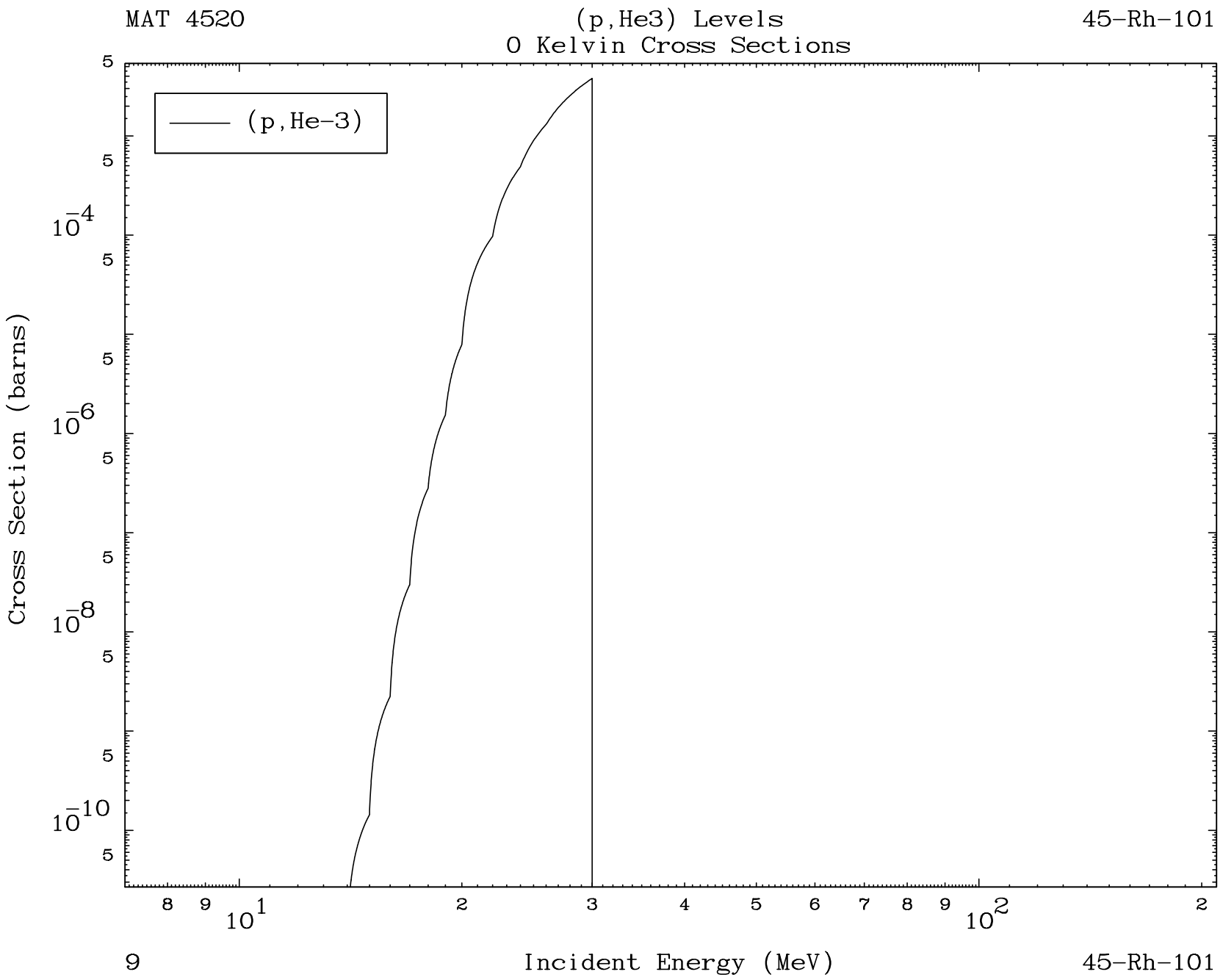

MAT 4520
Proton Charged Particle
0 Kelvin Cross Sections
45-Rh-101
(p,d)
(p,t)
(p,He-3)
(p,α)
(p,2α)
(p,3α)
(p,2p)
(p,p) α
(p,p) d
(p,p) t
Cross Section (barns)
Incident Energy (MeV)
4
45-Rh-101

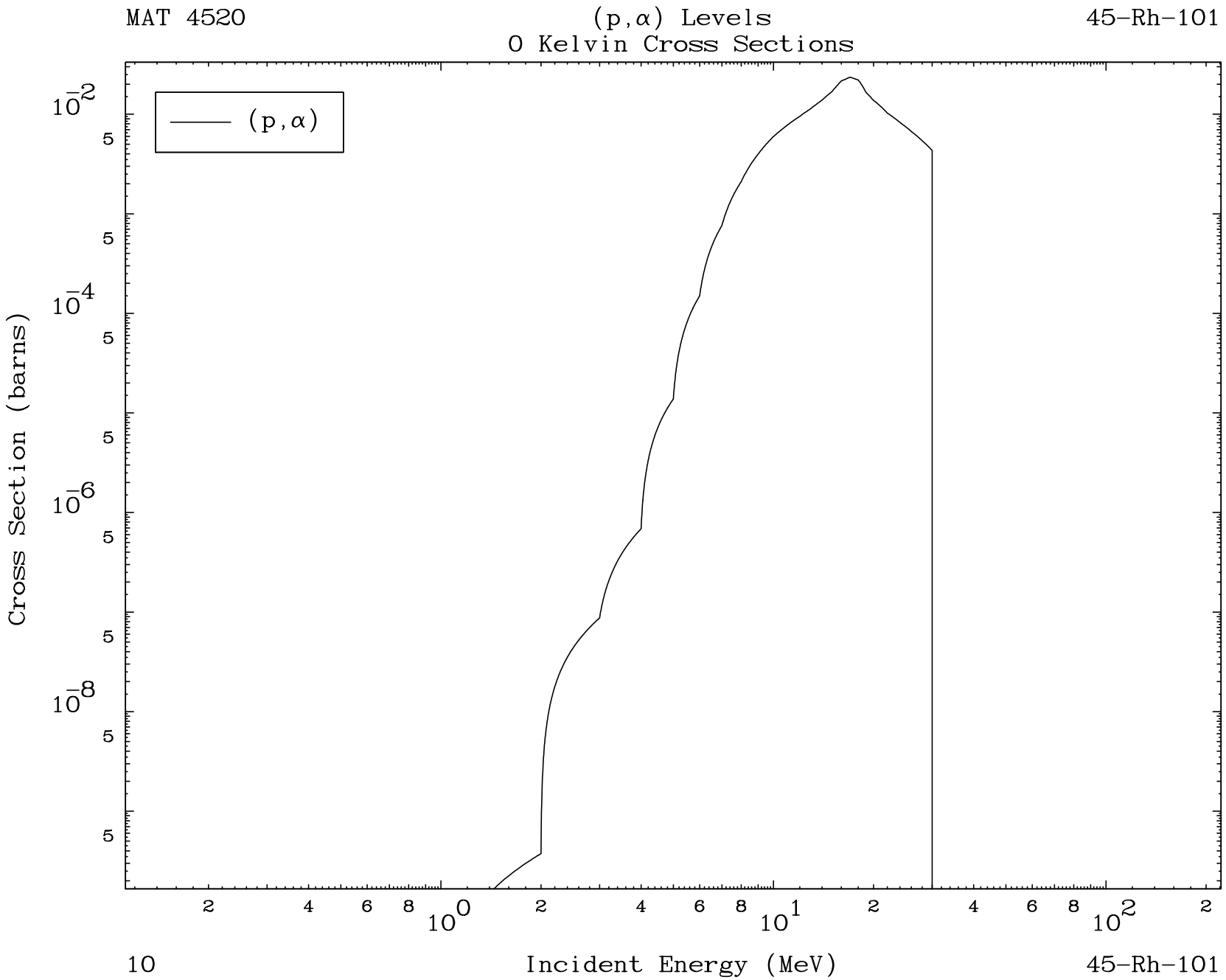

MAT 4520
(p,n') Level
45-Rh-101
0 Kelvin Cross Sections
Proton Inelastic
Cross Section (barns)
Incident Energy (MeV)
5
45-Rh-101

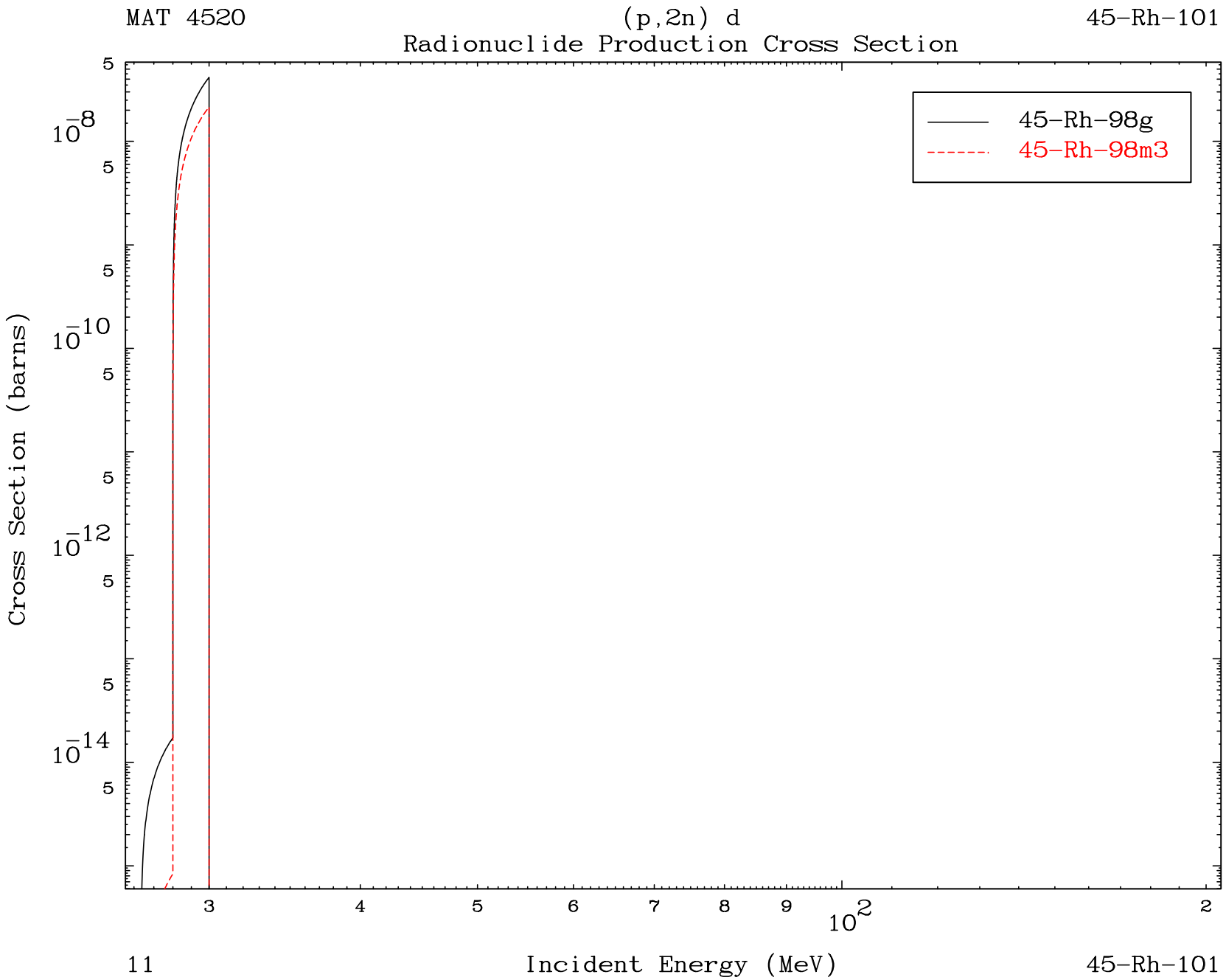

MAT 4520
(p,p) Levels
45-Rh-101
0 Kelvin Cross Sections
(p,p)
Cross Section (barns)
Incident Energy (MeV)
6
45-Rh-101

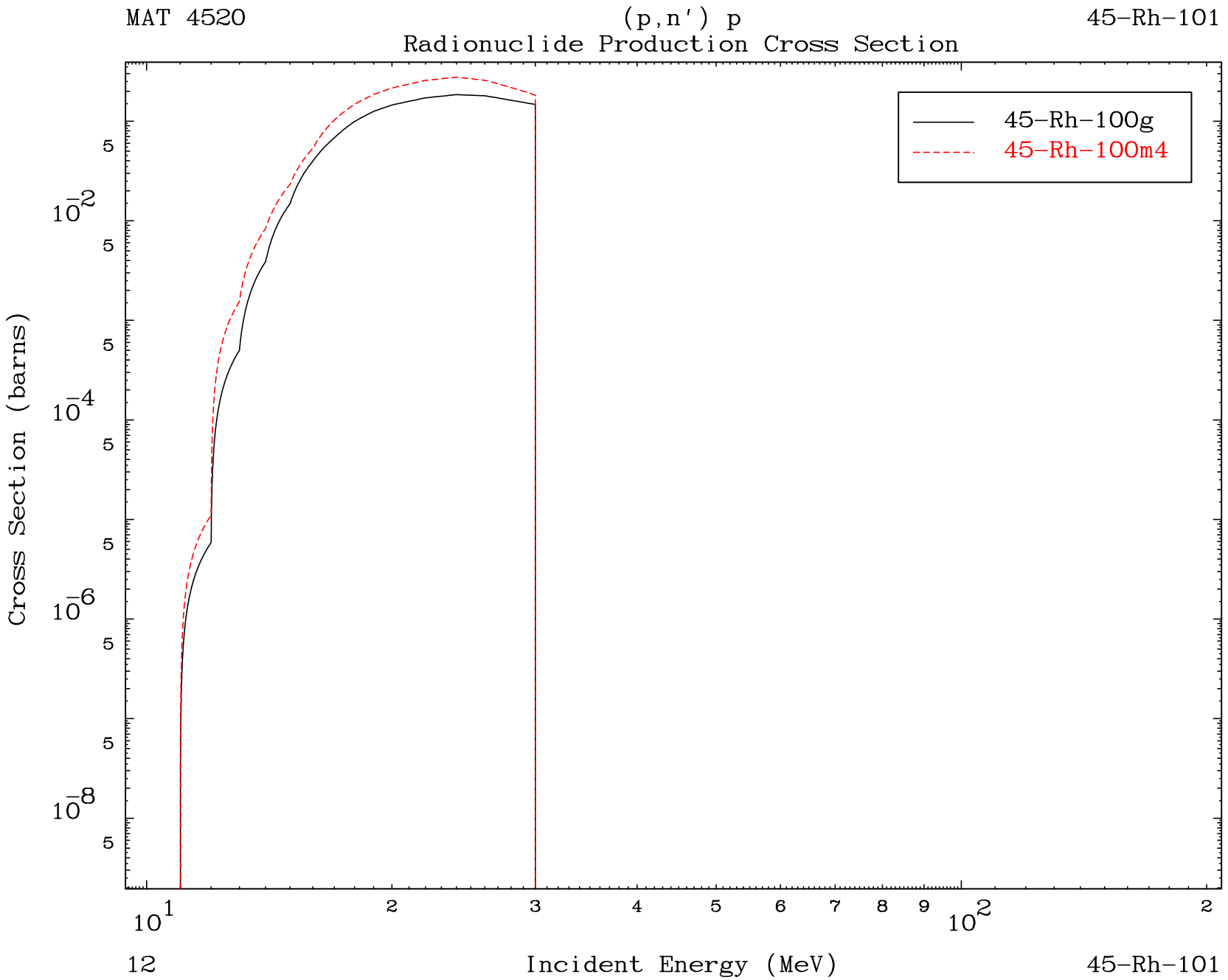

MAT 4520
(p,d) Levels
45-Rh-101
0 Kelvin Cross Sections
(p,d)
Cross Section (barns)
Incident Energy (MeV)
7
45-Rh-101

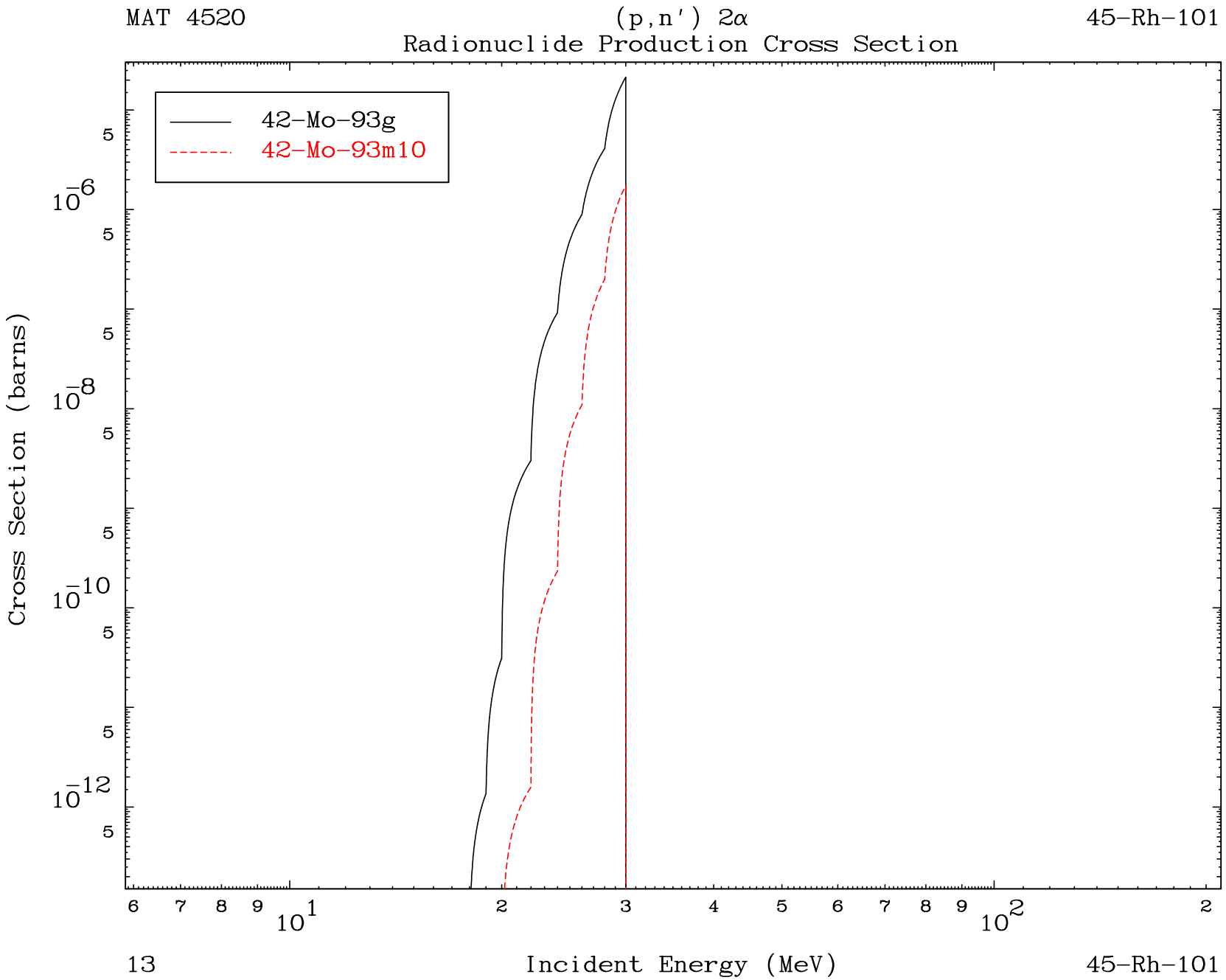

0 Kelvin Cross Sections
(p,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
101
2
3
4
5
6
7
8
9
102
2
Incident Energy (MeV)

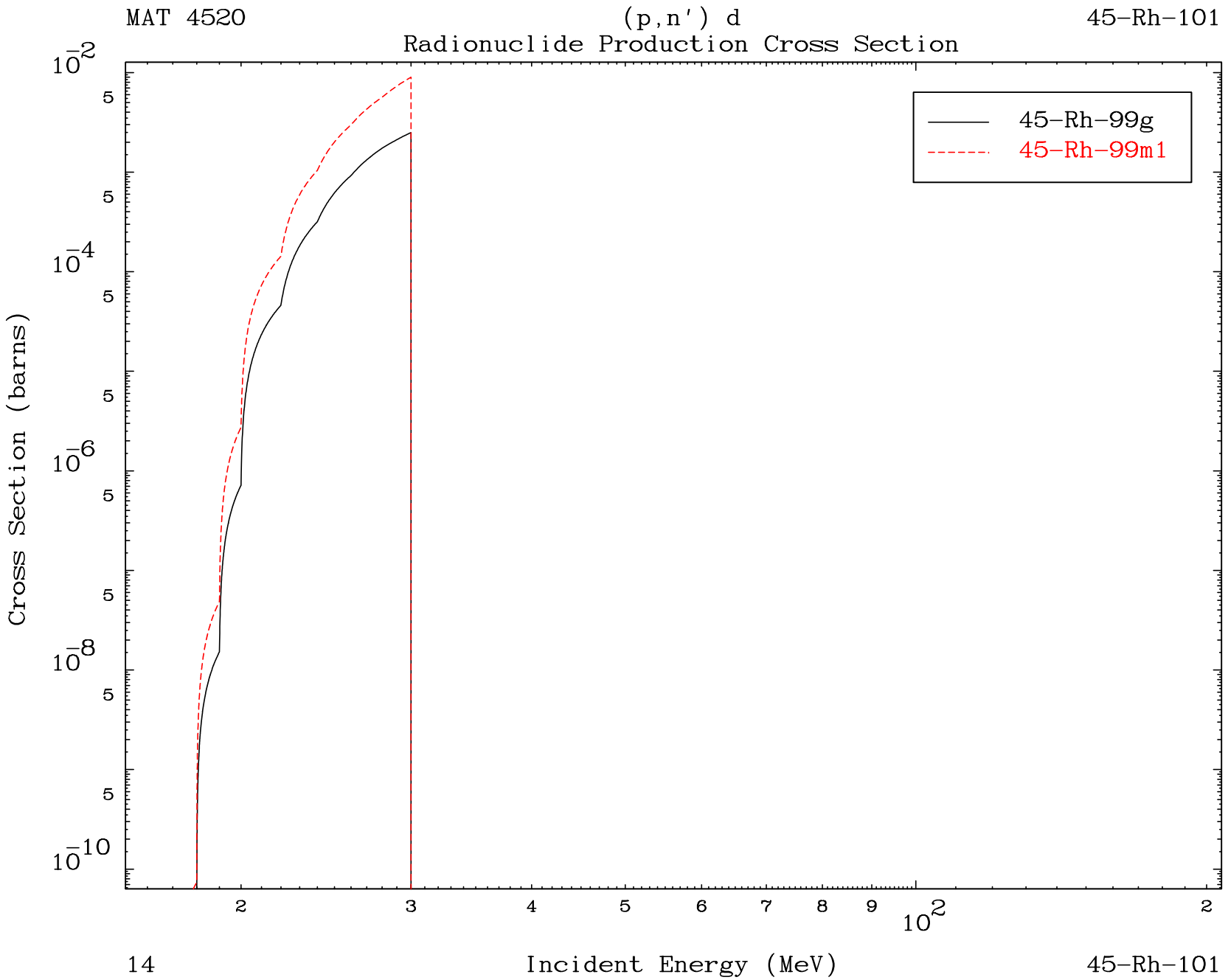

MAT 4520
(p,He3) Levels
45-Rh-101
0 Kelvin Cross Sections
(p,He-3)
Cross Section (barns)
Incident Energy (MeV)
45-Rh-101
9

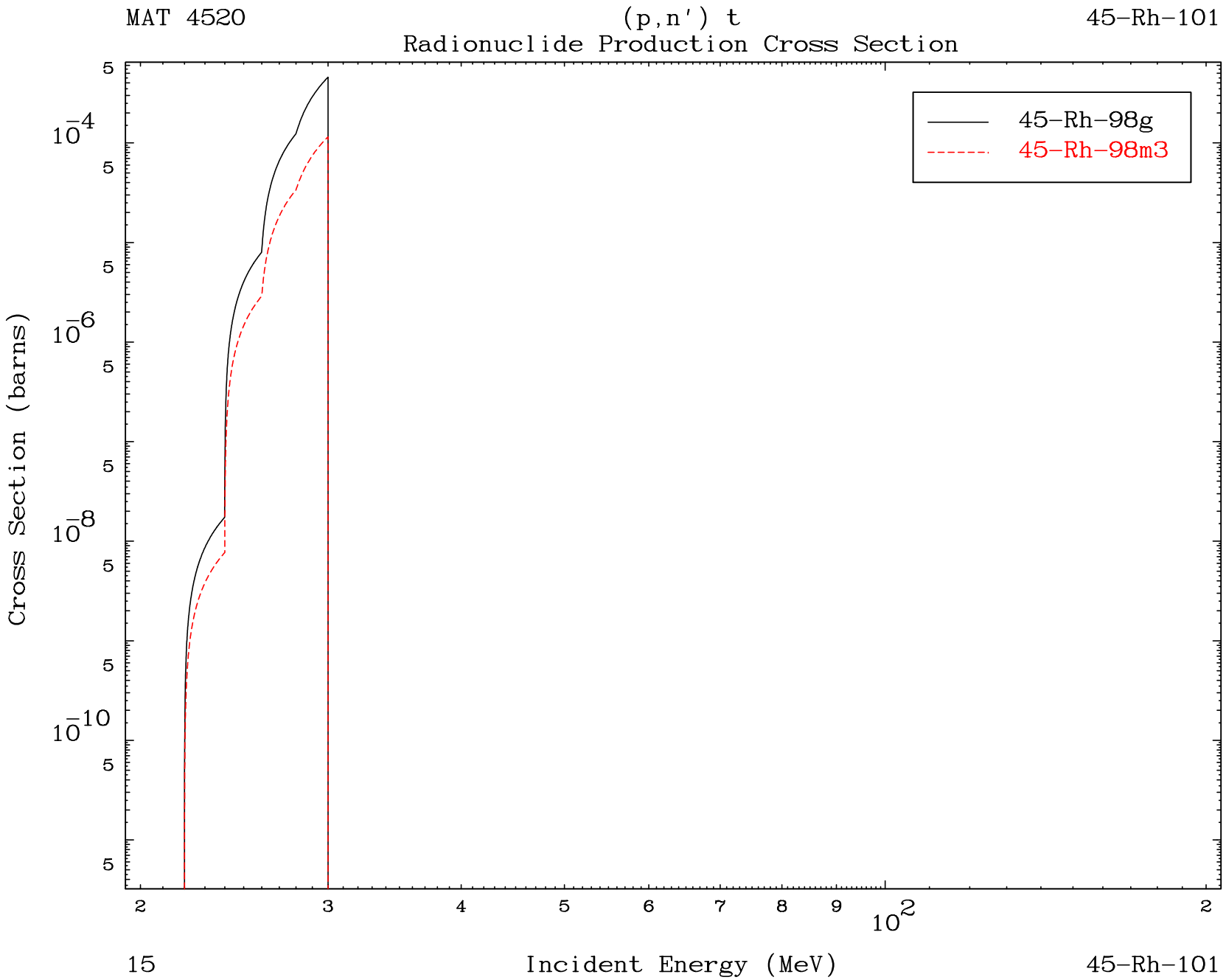

MAT 4520
(p,α) Levels
45-Rh-101
0 Kelvin Cross Sections
(p,α)
Cross Section (barns)
Incident Energy (MeV)
45-Rh-101

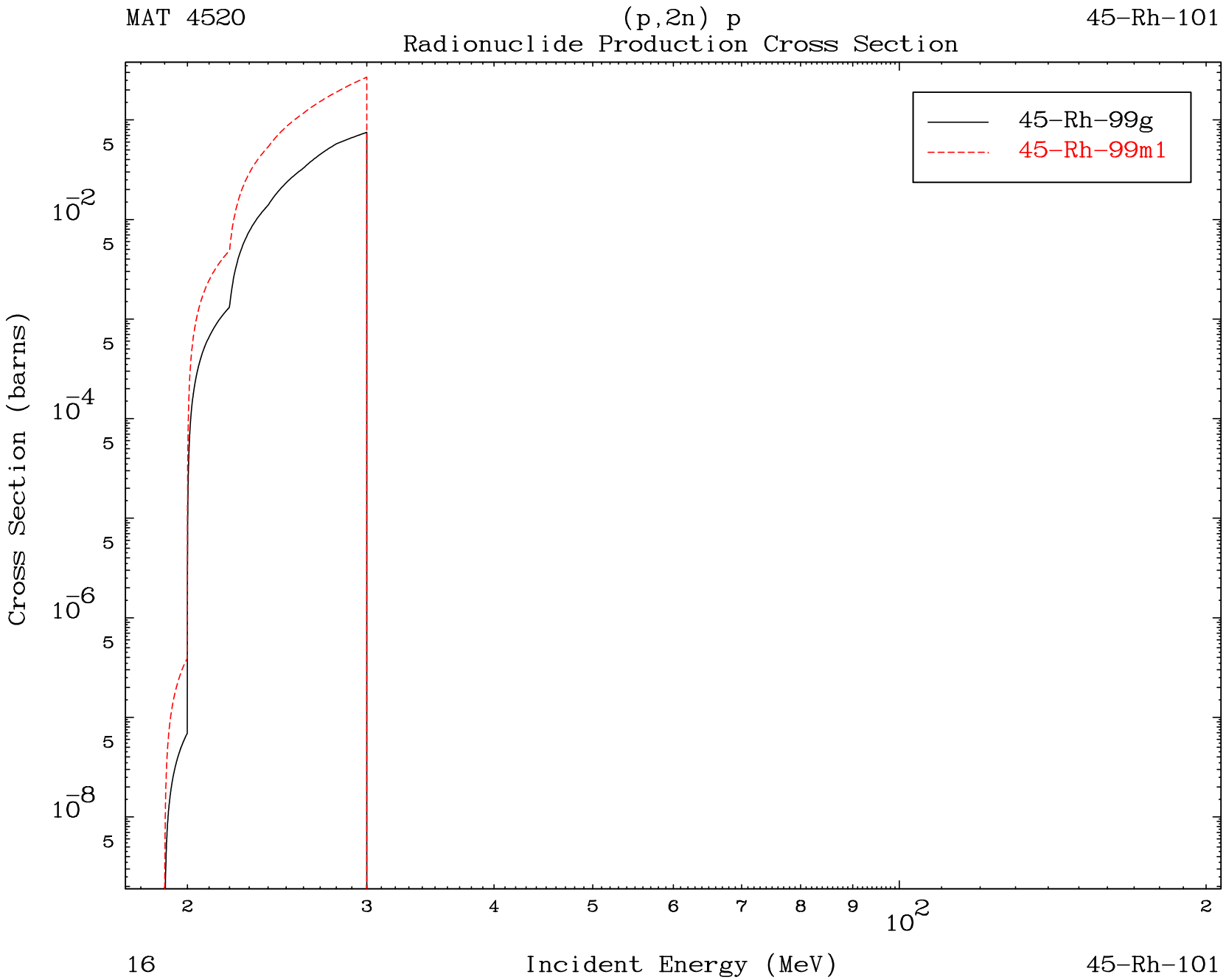

MAT 4520
(p,2n) d
45-Rh-101
Radionuclide Production Cross Section
45-Rh-98g
45-Rh-98m3
Cross Section (barns)
10-8
10-10
10-12
10-14
5
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
45-Rh-101

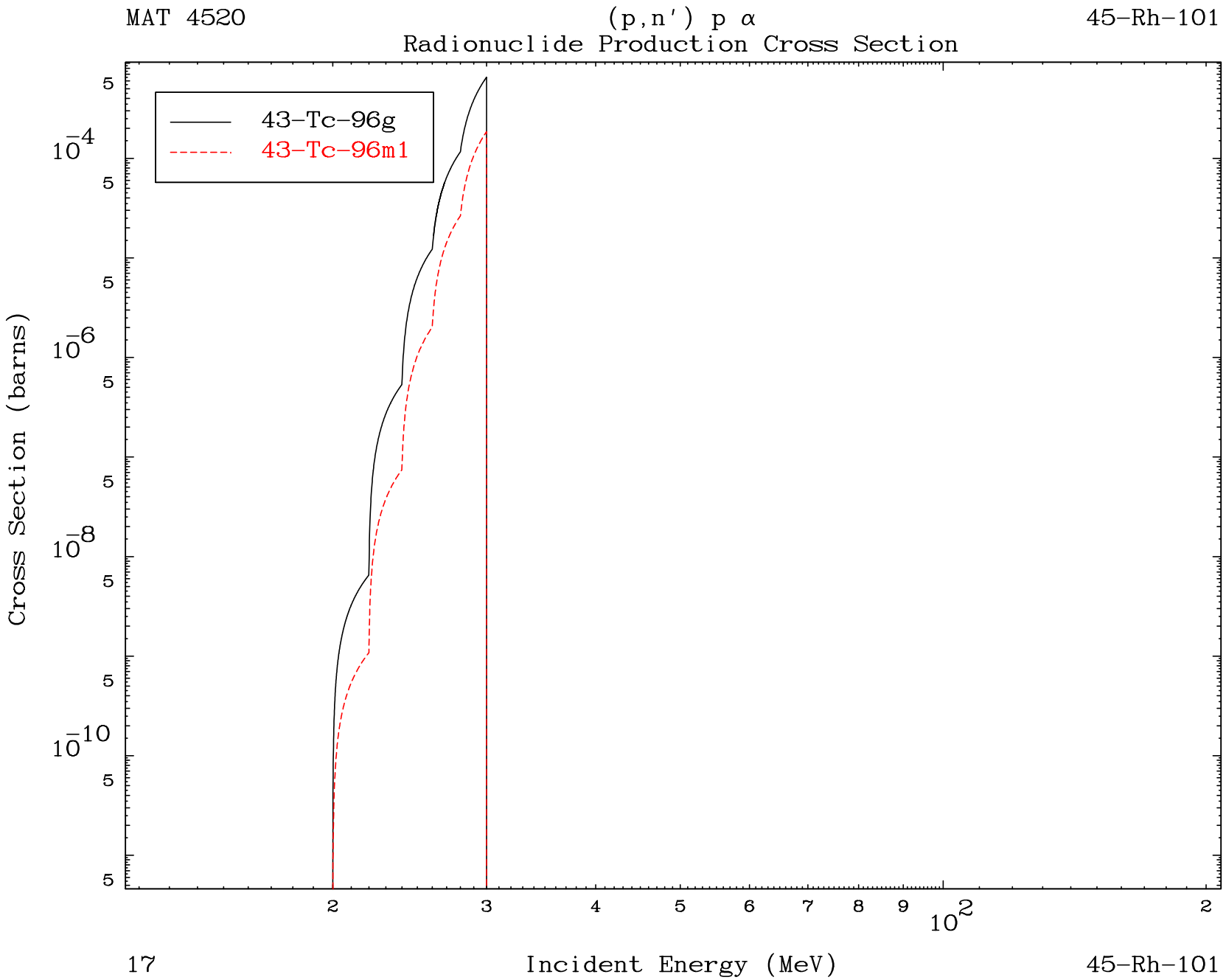

MAT 4520
(p,n') p
45-Rh-101
Radionuclide Production Cross Section
45-Rh-100g
45-Rh-100m4
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^1
10^2
Incident Energy (MeV)
12
45-Rh-101

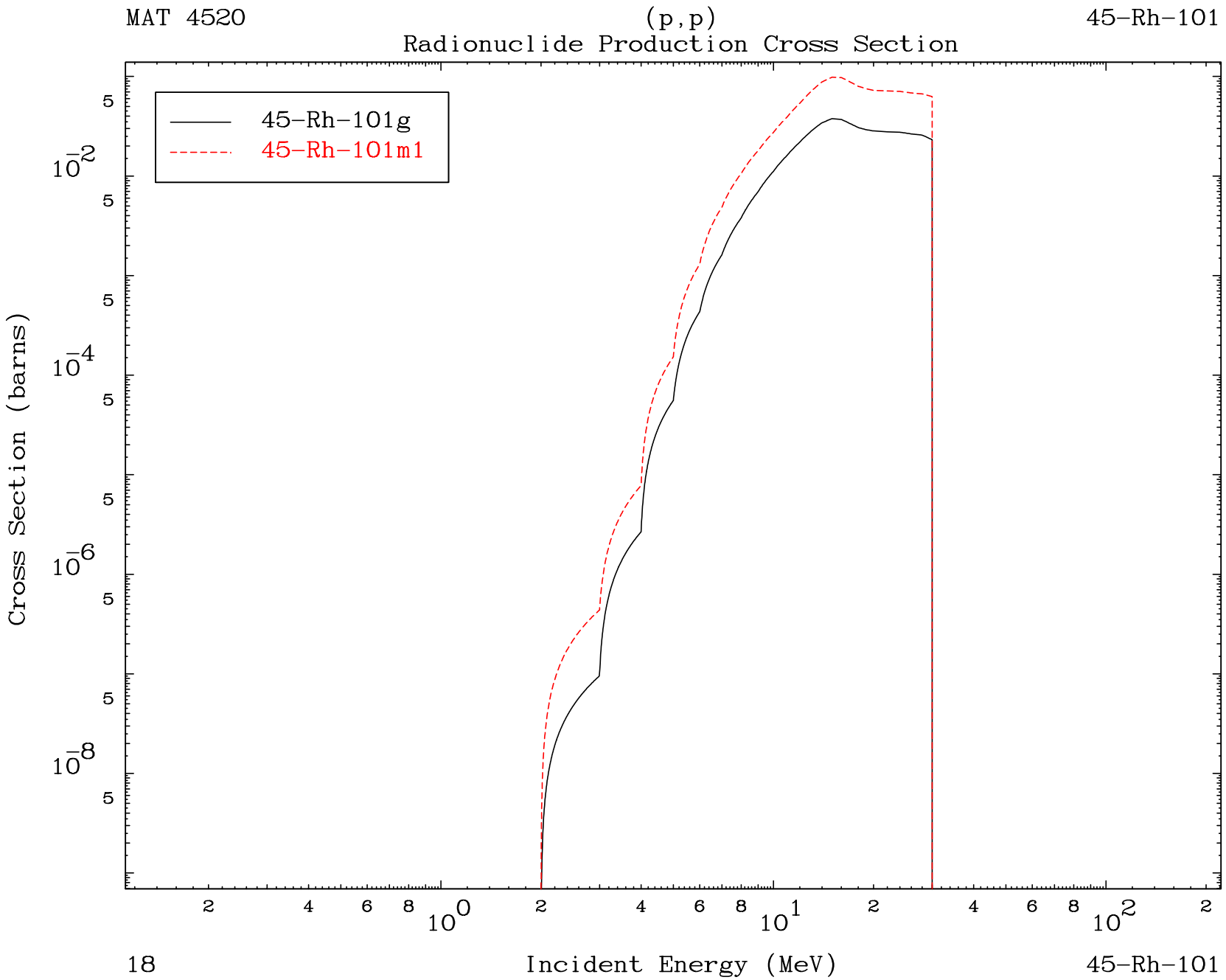

MAT 4520
(p,n') 2α
45-Rh-101
Radionuclide Production Cross Section
42-Mo-93g
42-Mo-93m10
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
13
Incident Energy (MeV)
45-Rh-101

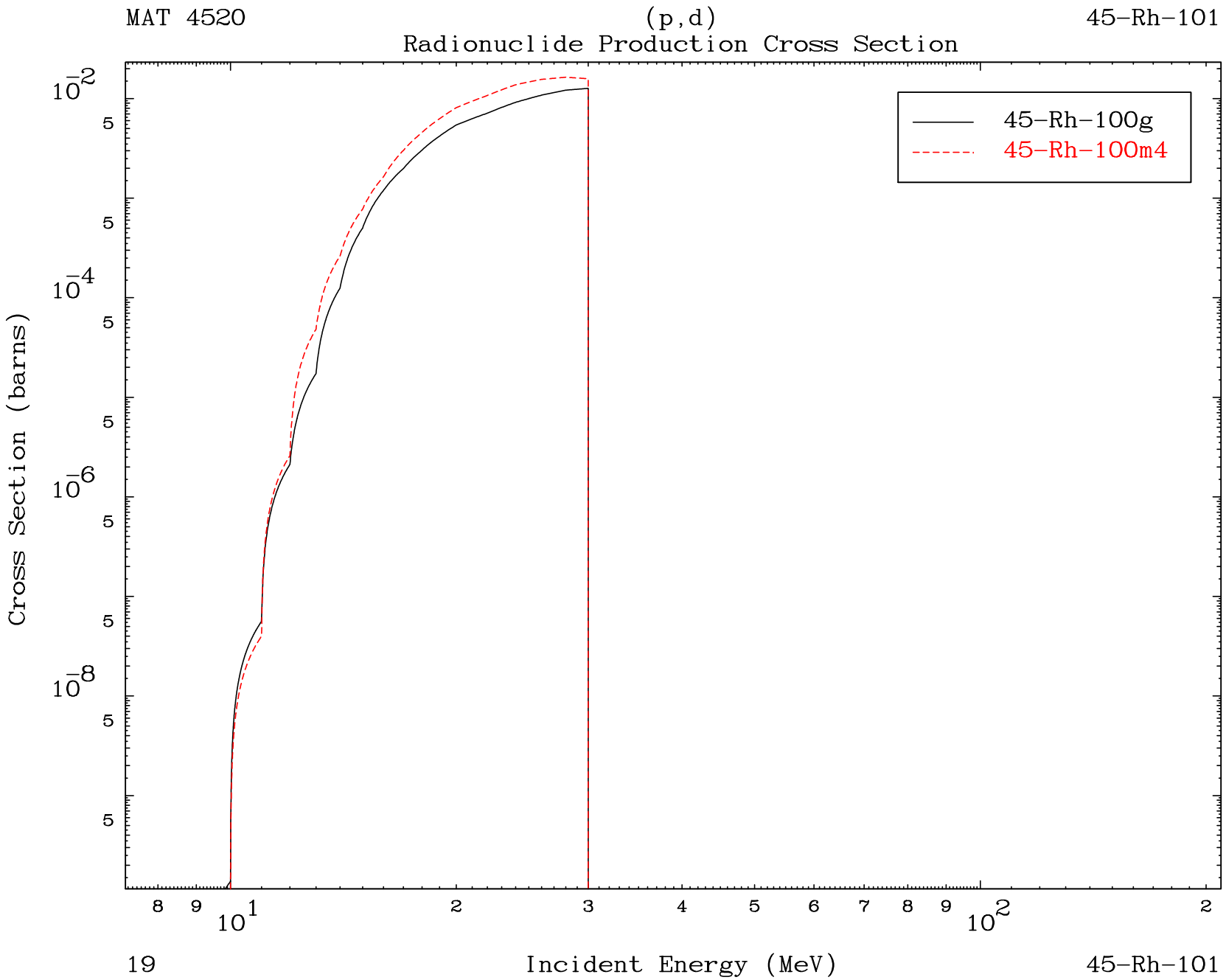

MAT 4520
(p,n') d
45-Rh-101
Radionuclide Production Cross Section
45-Rh-99g
45-Rh-99m1
Cross Section (barns)
Incident Energy (MeV)
14
45-Rh-101

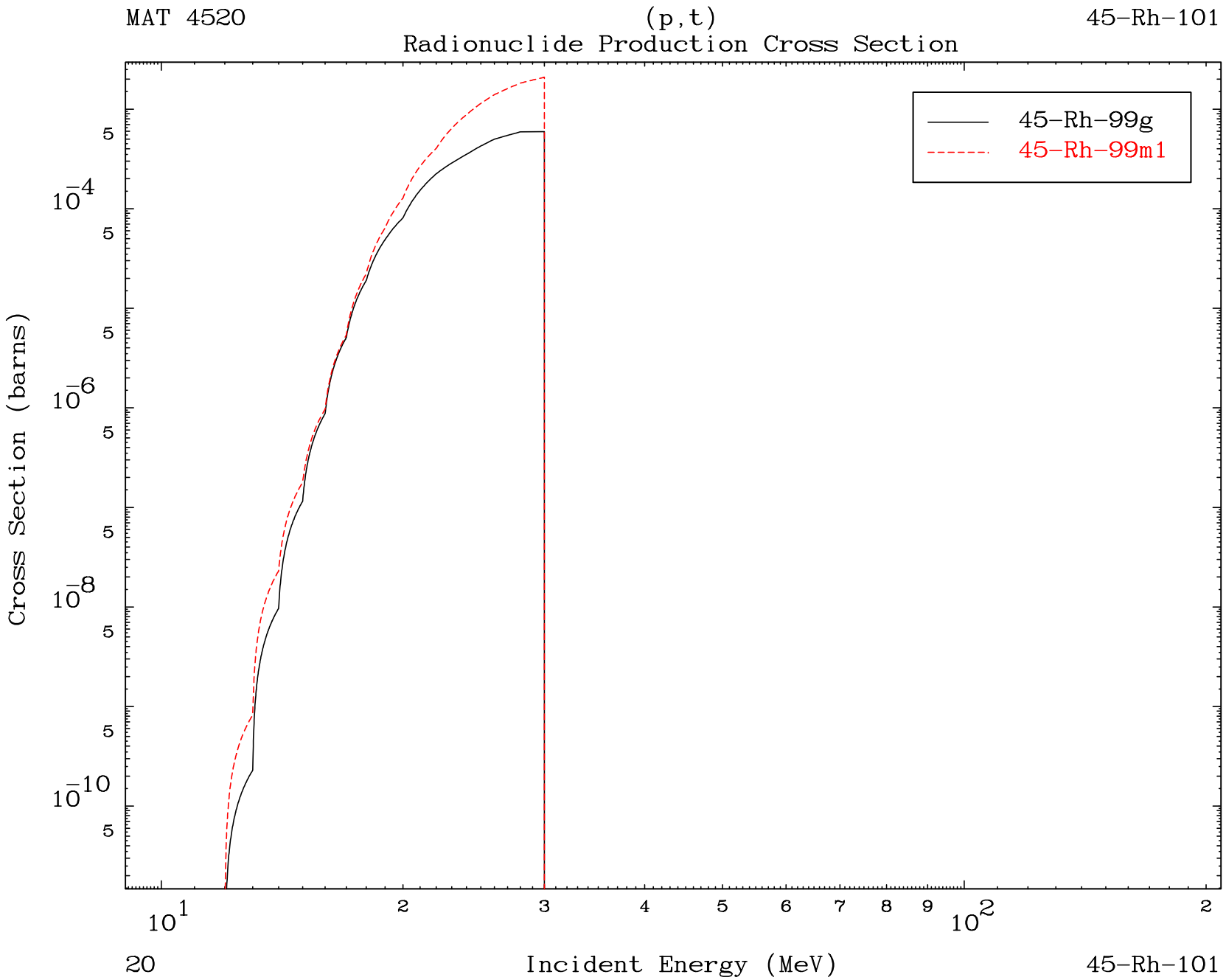

MAT 4520
(p,n') t
45-Rh-101
Radionuclide Production Cross Section
45-Rh-98g
45-Rh-98m3
Cross Section (barns)
Incident Energy (MeV)
15
45-Rh-101

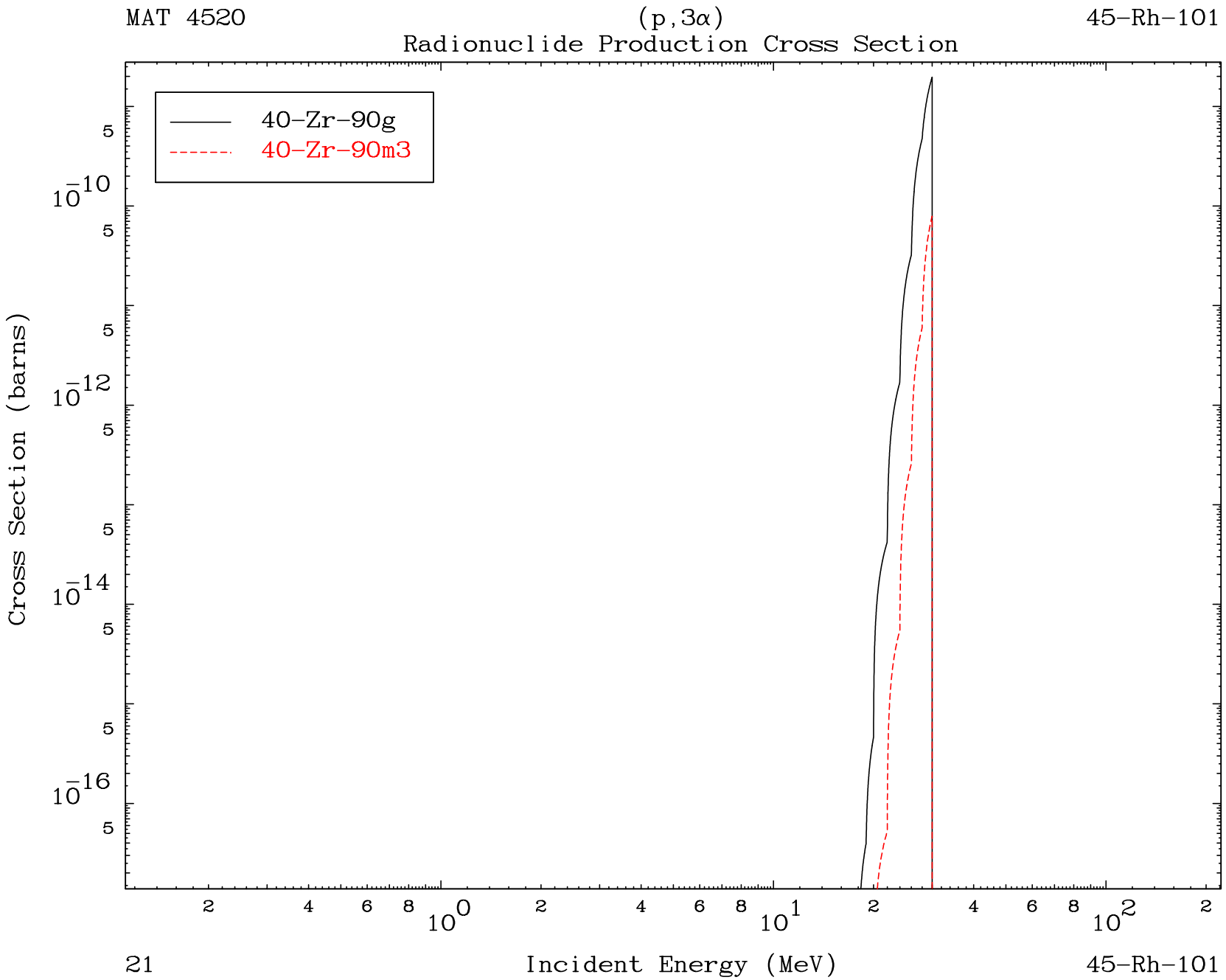

MAT 4520
(p,2n) p
45-Rh-101
Radionuclide Production Cross Section
45-Rh-99g
45-Rh-99m1
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
45-Rh-101

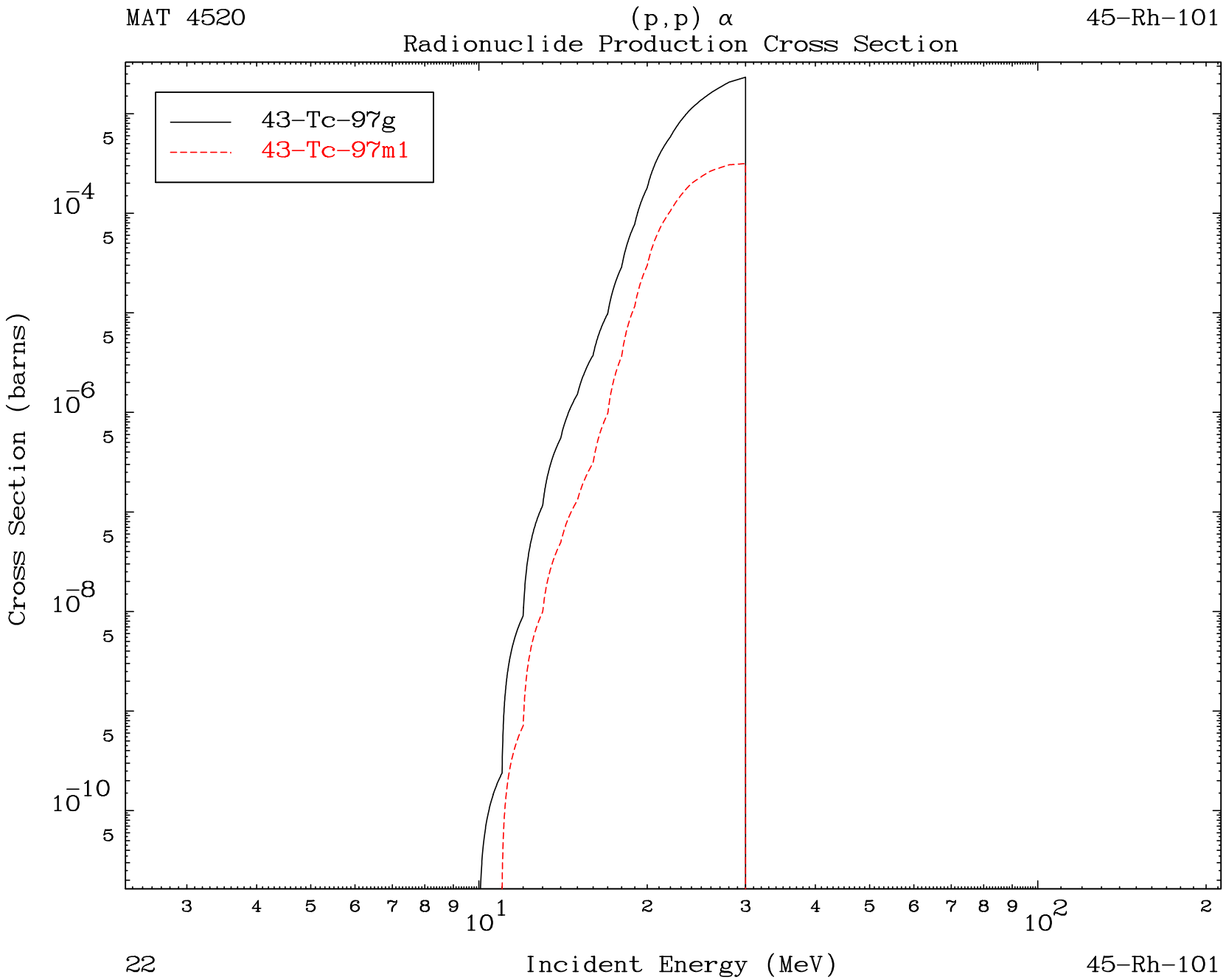

MAT 4520
(p,n') p α
45-Rh-101
Radionuclide Production Cross Section
43-Tc-96g
43-Tc-96m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
45-Rh-101

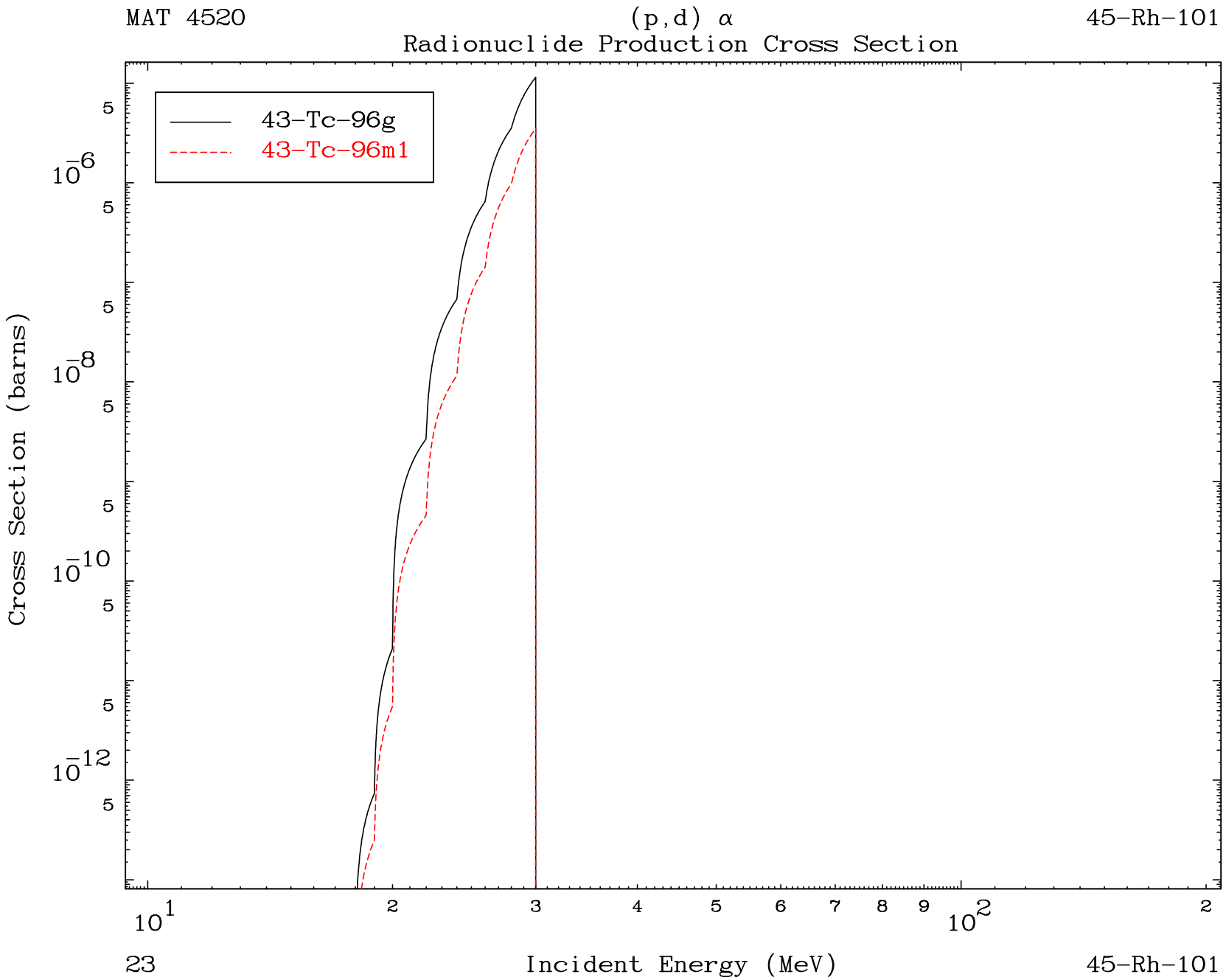

MAT 4520
(p,p)
45-Rh-101
Radionuclide Production Cross Section
45-Rh-101g
45-Rh-101m1
Cross Section (barns)
Incident Energy (MeV)
18
45-Rh-101


MAT 4520
(p,d)
45-Rh-101
Radionuclide Production Cross Section
45-Rh-100g
45-Rh-100m4
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
19
Incident Energy (MeV)
45-Rh-101


MAT 4520
(p,t)
45-Rh-101
Radionuclide Production Cross Section
45-Rh-99g
45-Rh-99m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
101
2
3
4
5
6
7
8
9
102
2
20
Incident Energy (MeV)
45-Rh-101


MAT 4520
(p,3α)
45-Rh-101
Radionuclide Production Cross Section
40-Zr-90g
40-Zr-90m3
Cross Section (barns)
Incident Energy (MeV)
21
45-Rh-101


MAT 4520
(p,p) α
45-Rh-101
Radionuclide Production Cross Section
43-Tc-97g
43-Tc-97m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
22
45-Rh-101


MAT 4520
(p,d) α
45-Rh-101
Radionuclide Production Cross Section
43-Tc-96g
43-Tc-96m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^1
2
3
4
5
6
7
8
9
10^2
2
23
Incident Energy (MeV)
45-Rh-101