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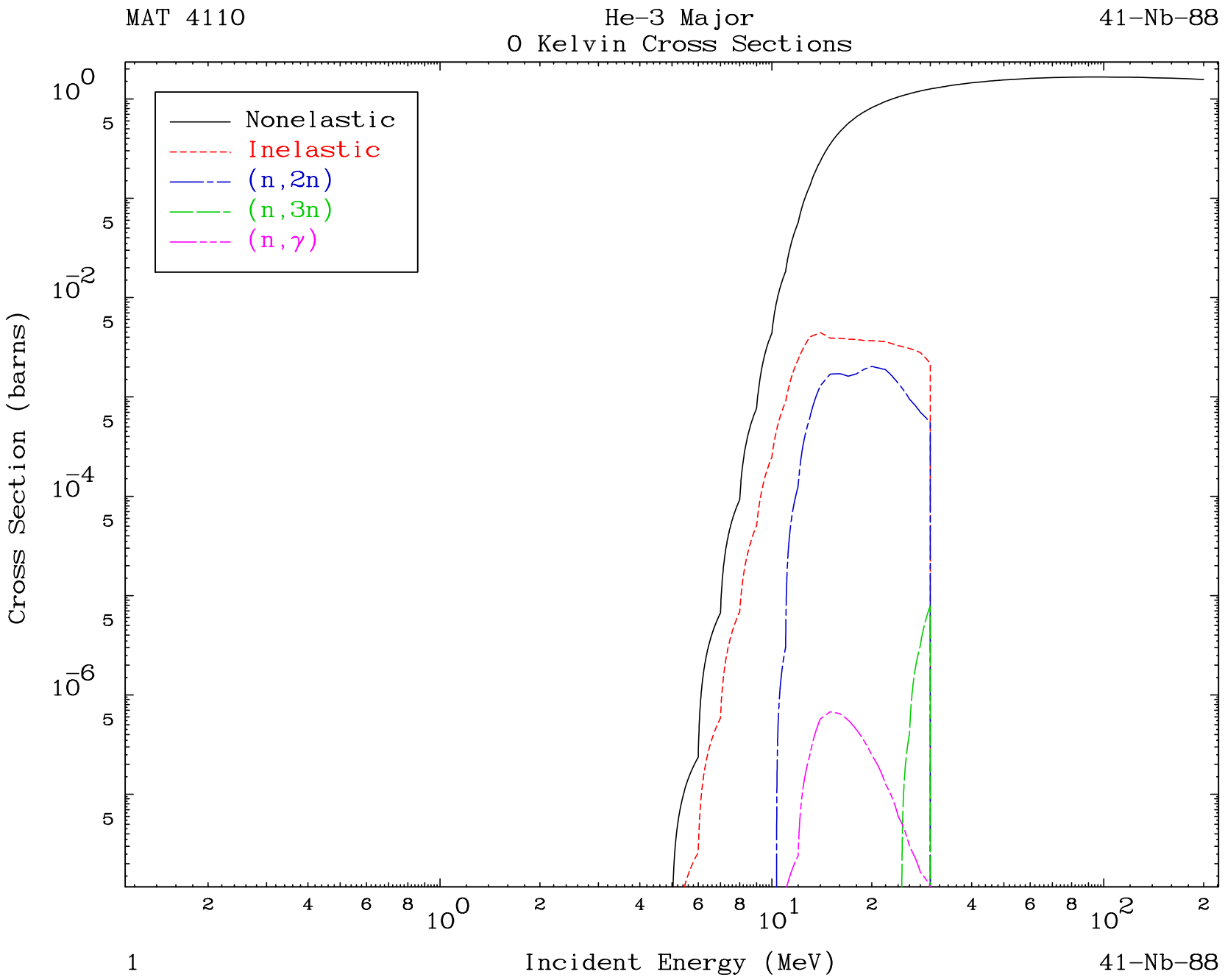
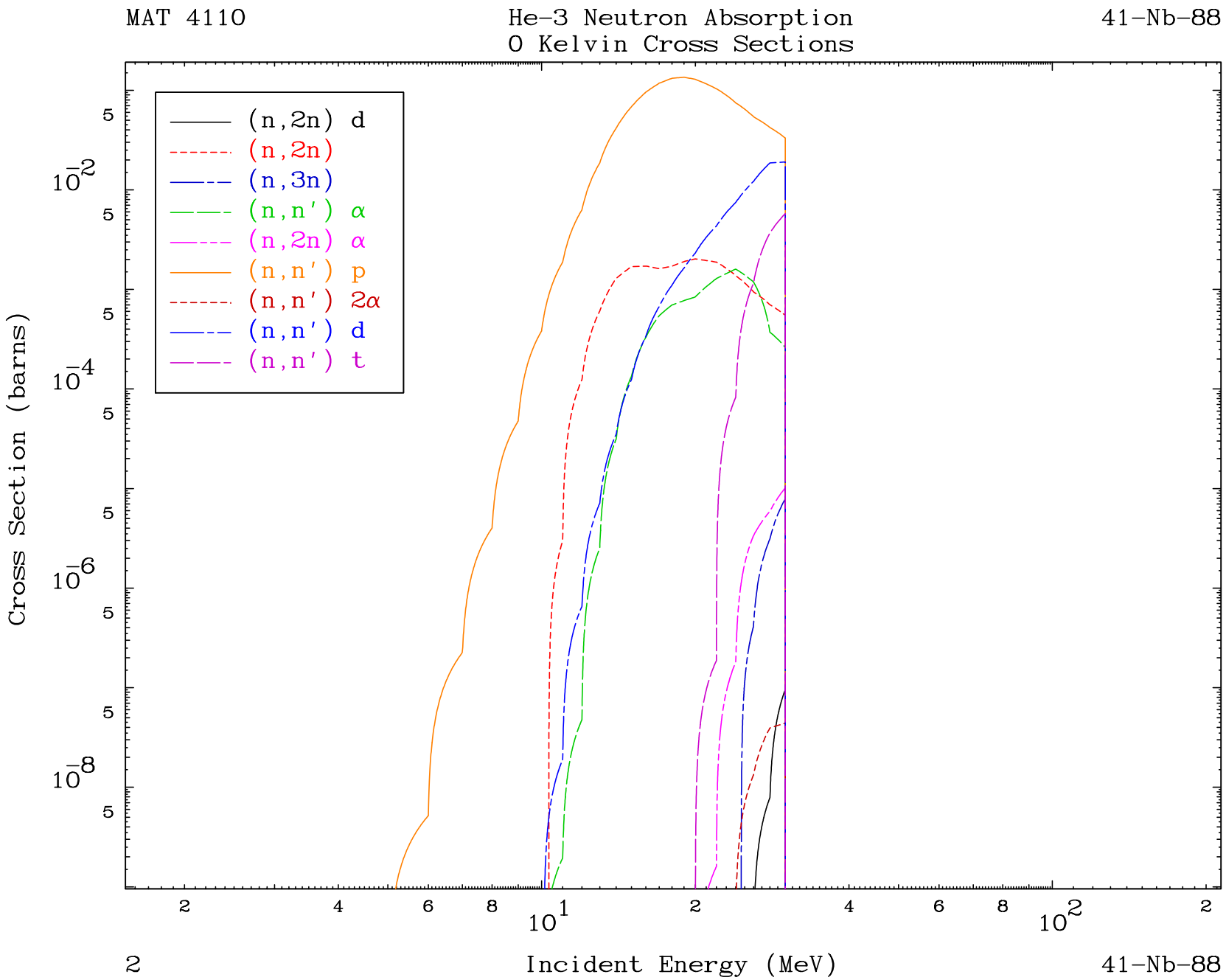
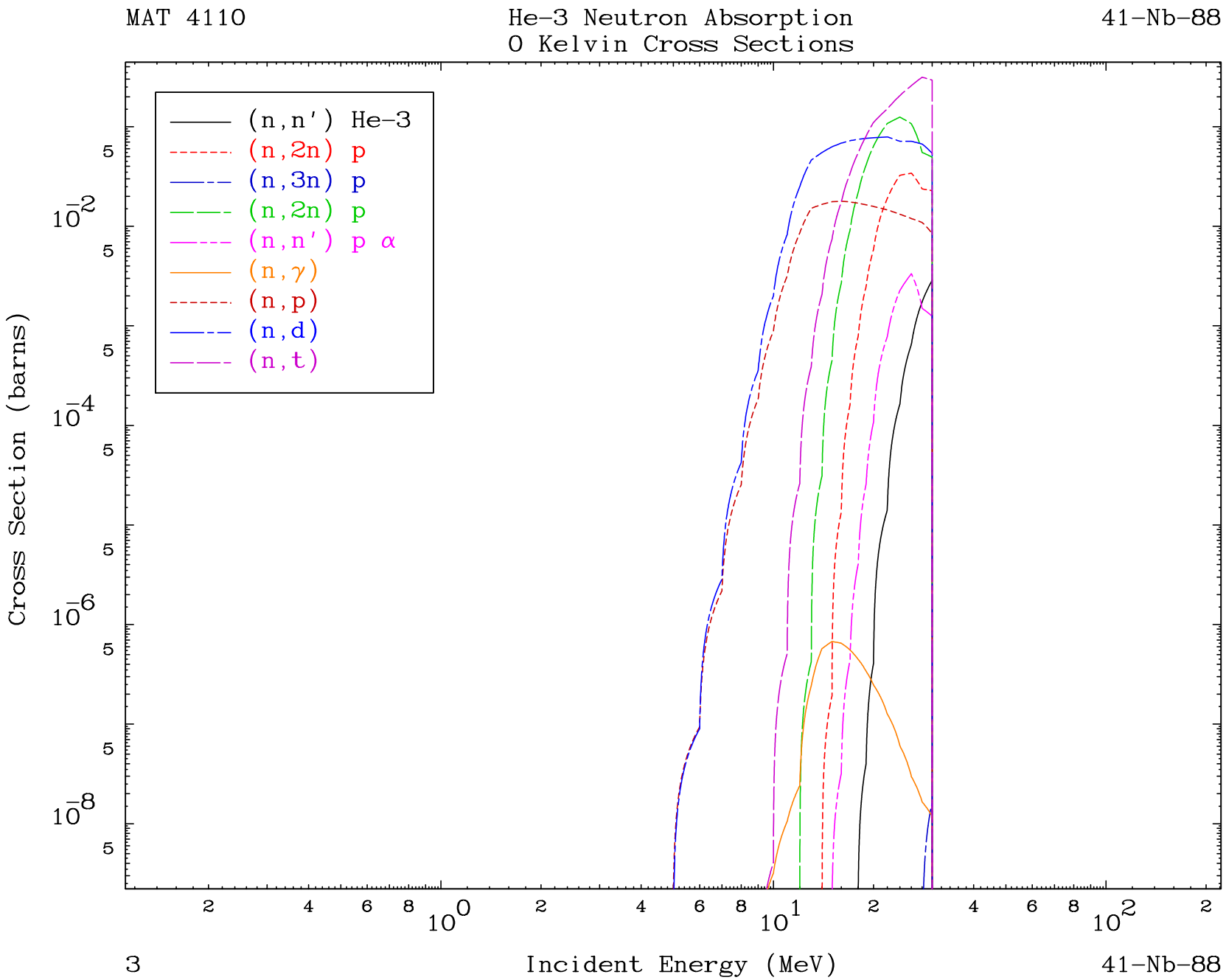
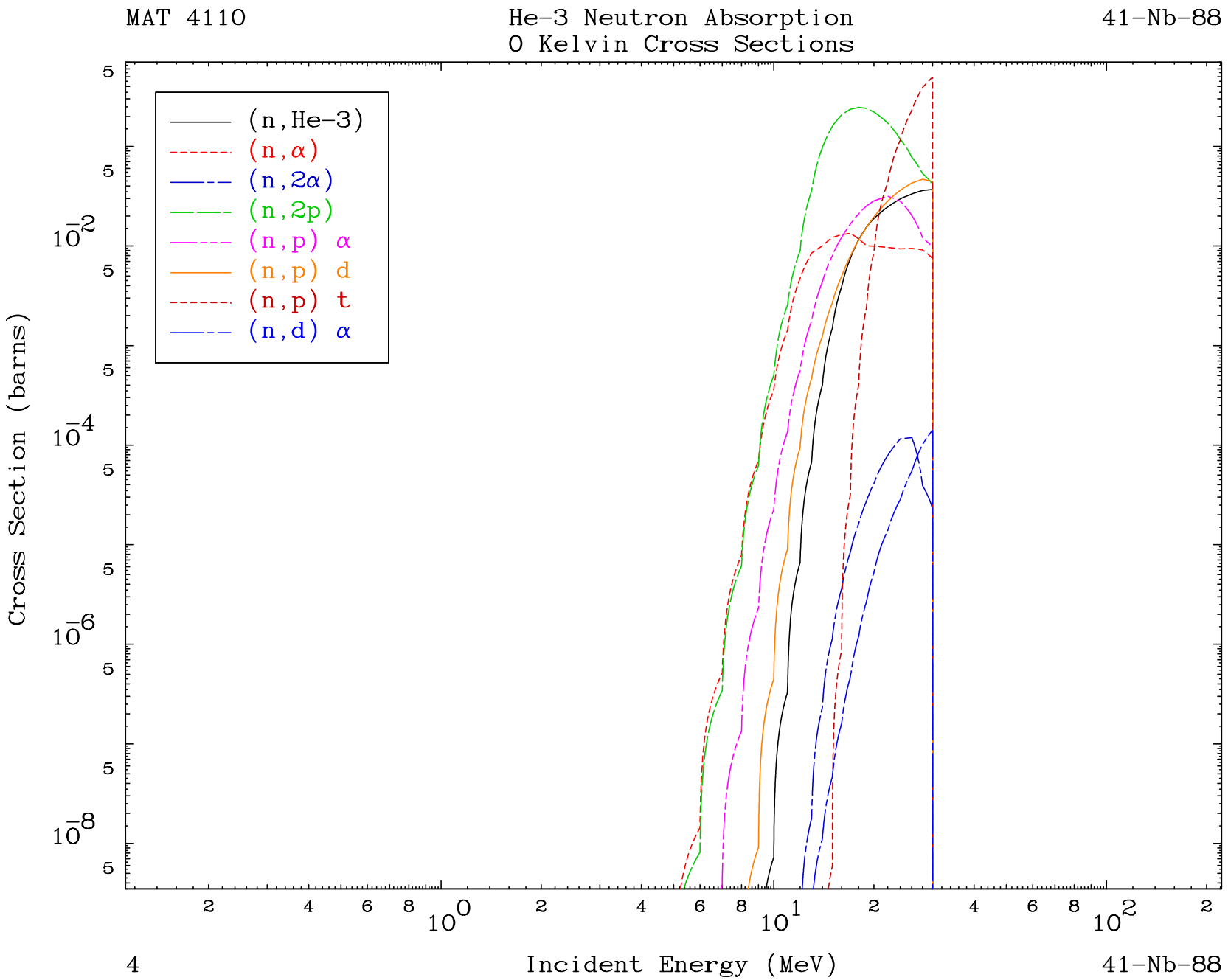
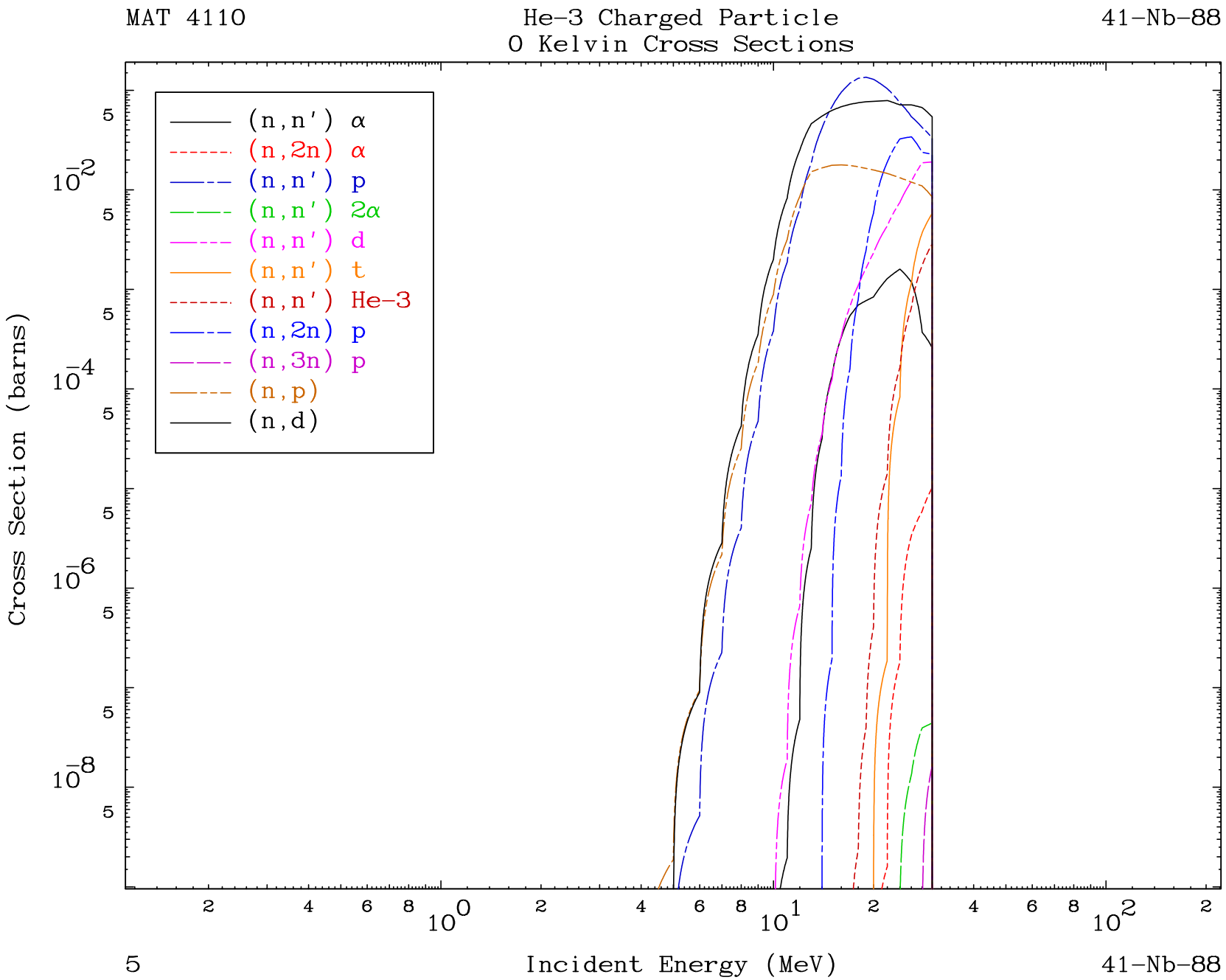
Press Mouse Button to Start

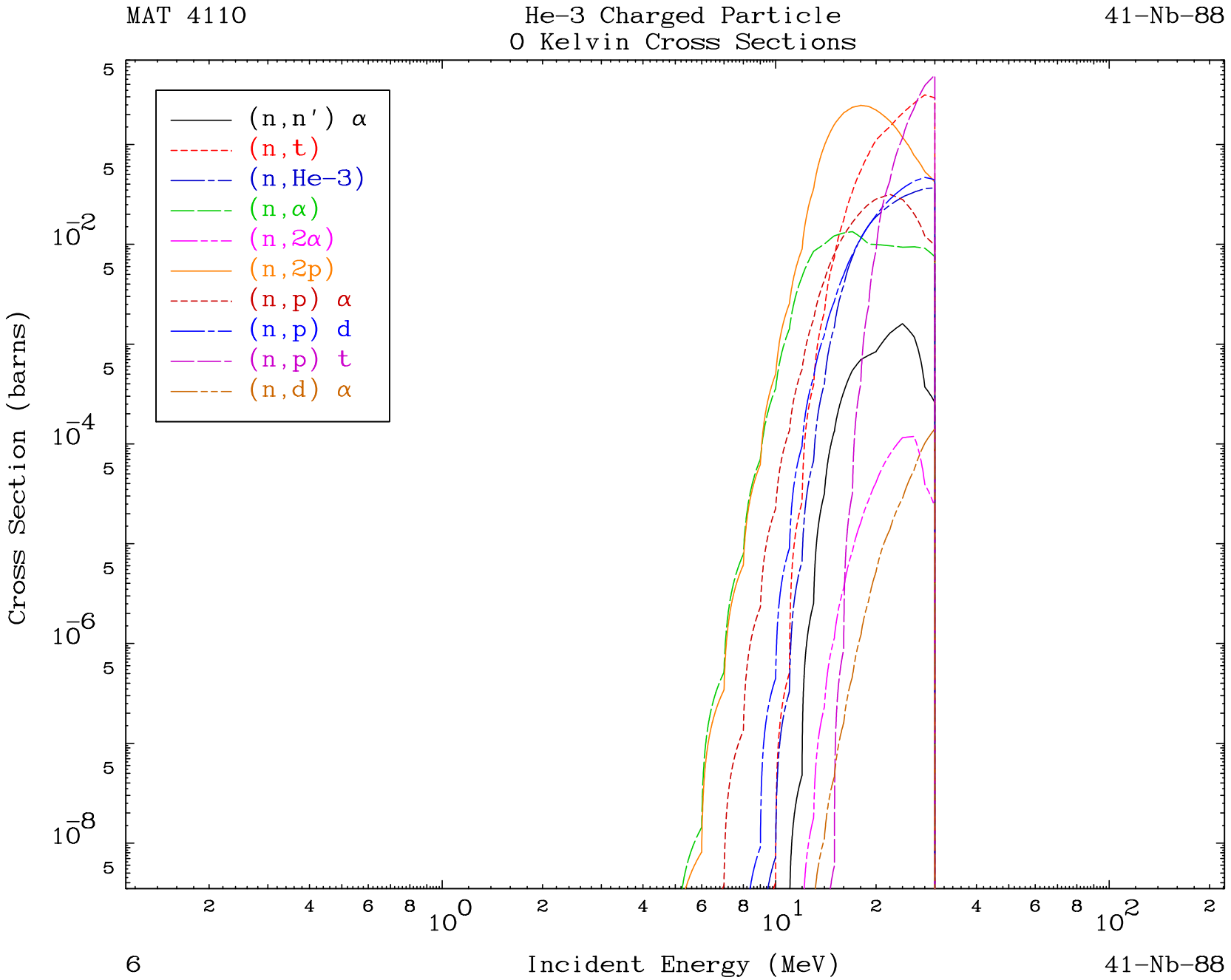

MAT 4110
He-3 Major
41-Nb-88
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
41-Nb-88
1

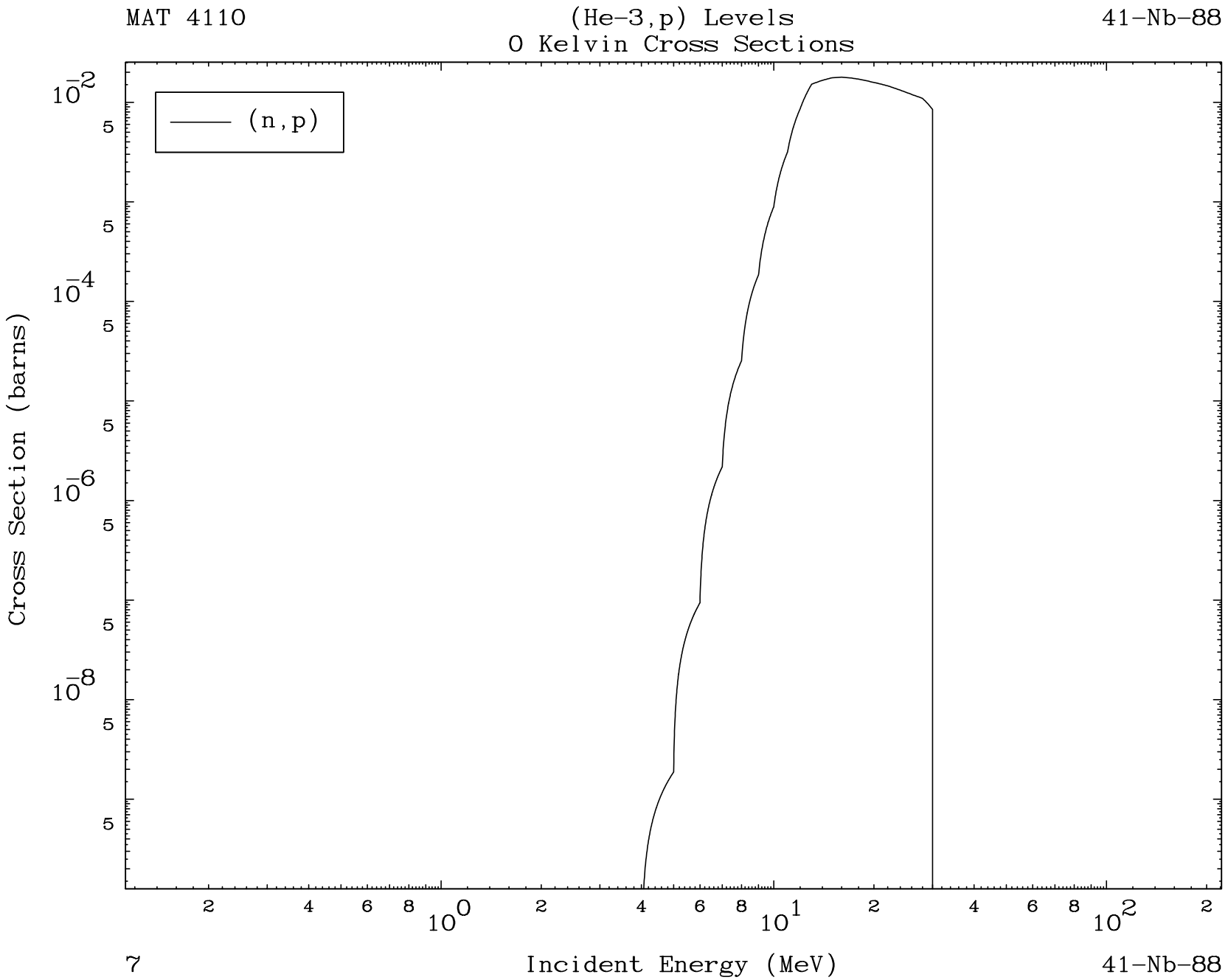

MAT 4110
He-3 Neutron Absorption
0 Kelvin Cross Sections
41-Nb-88
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
101
102
Incident Energy (MeV)
41-Nb-88


MAT 4110
He-3 Neutron Absorption
0 Kelvin Cross Sections
41-Nb-88
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
10^0
10^1
10^2
Incident Energy (MeV)
3
41-Nb-88

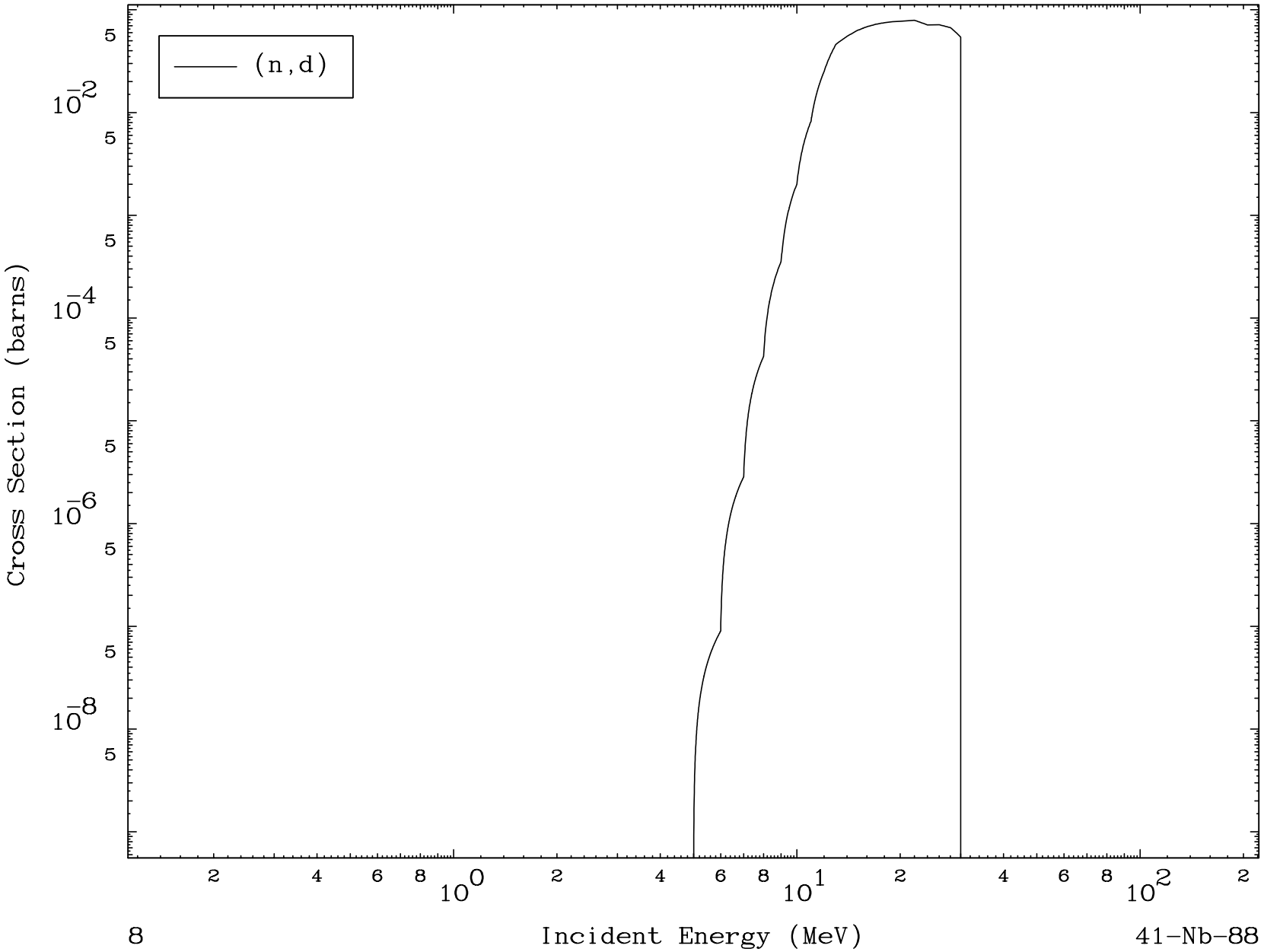

MAT 4110
He-3 Neutron Absorption
0 Kelvin Cross Sections
41-Nb-88
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
41-Nb-88

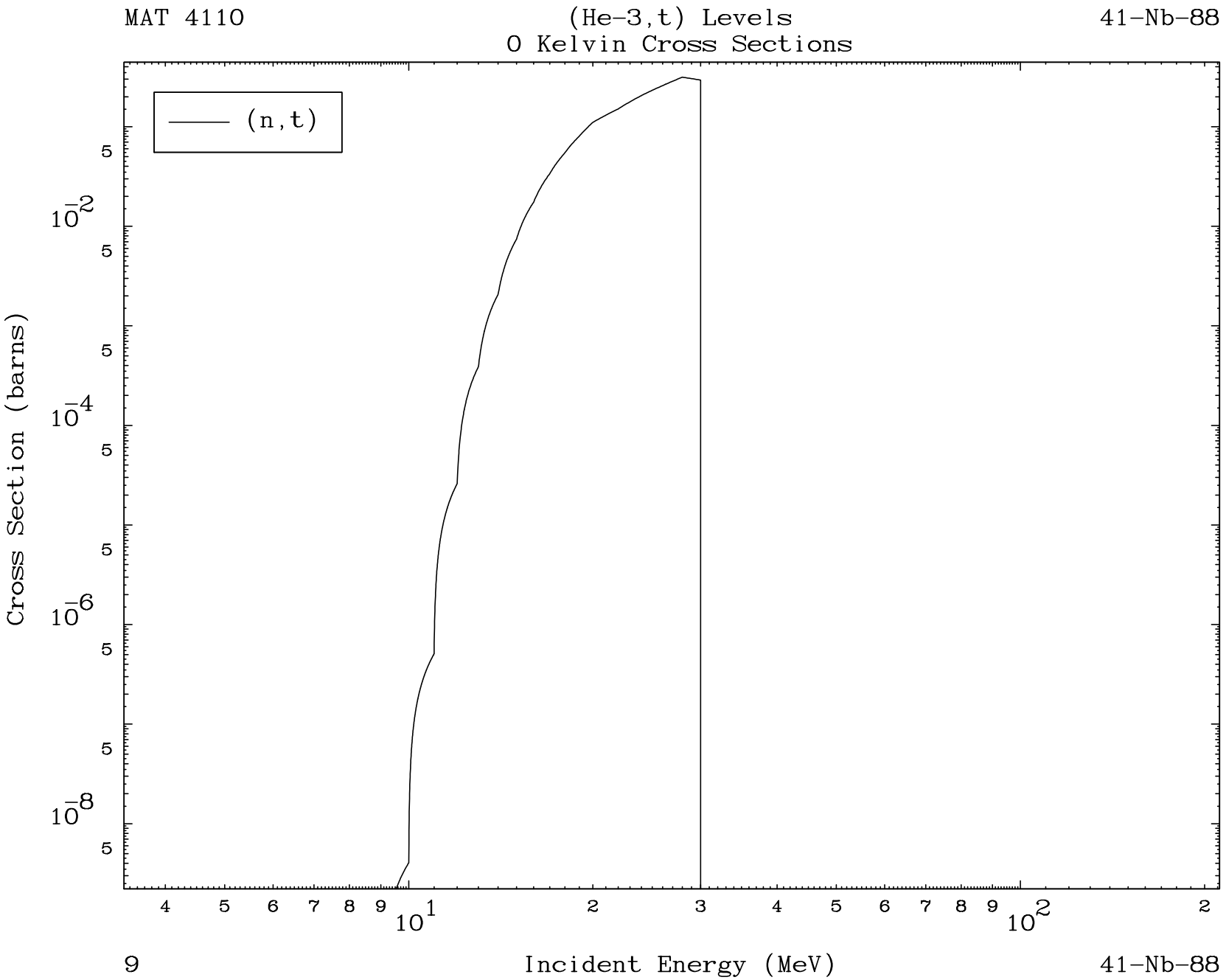

MAT 4110
He-3 Charged Particle
0 Kelvin Cross Sections
41-Nb-88
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
5
41-Nb-88

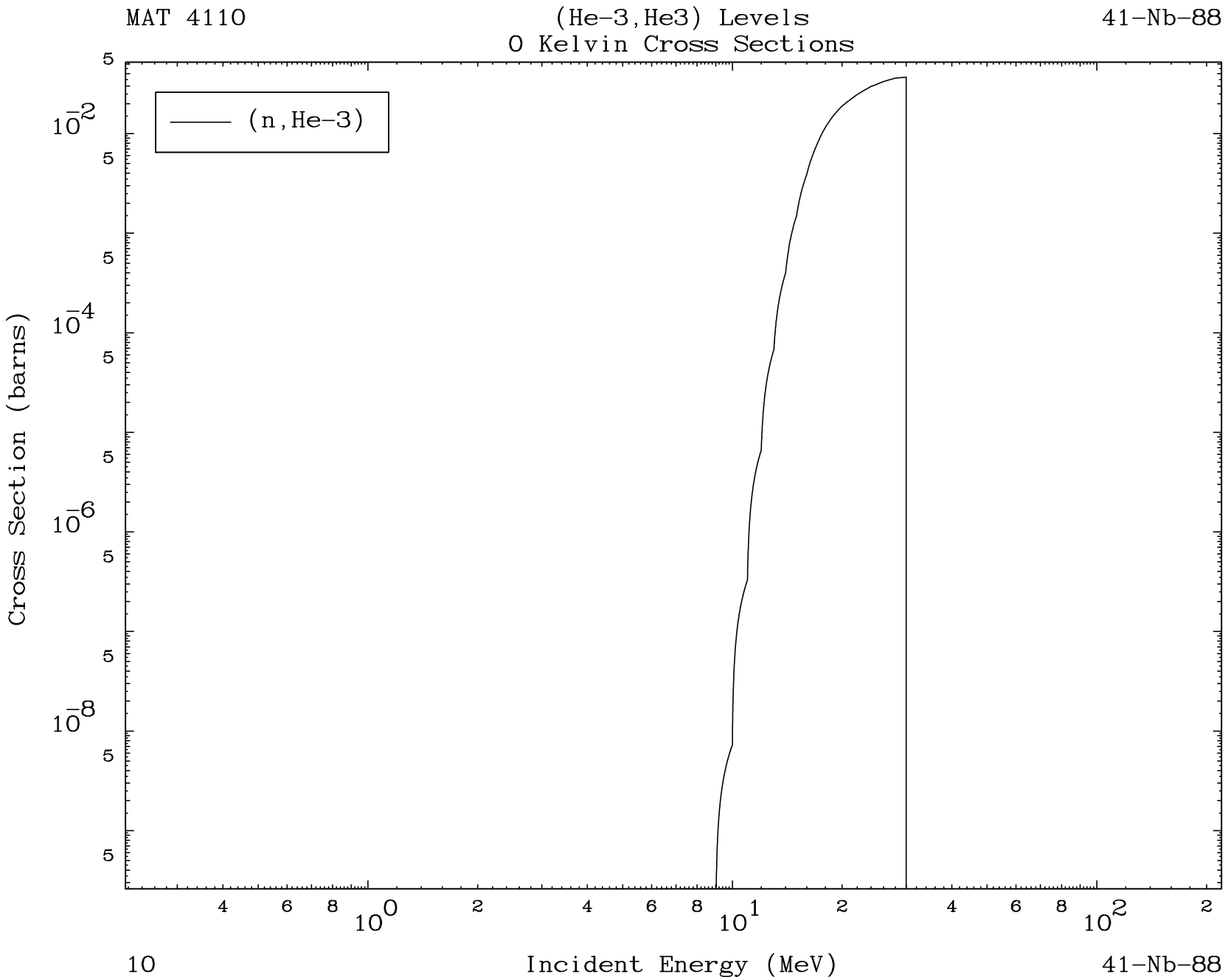

MAT 4110
He-3 Charged Particle
0 Kelvin Cross Sections
41-Nb-88
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
41-Nb-88

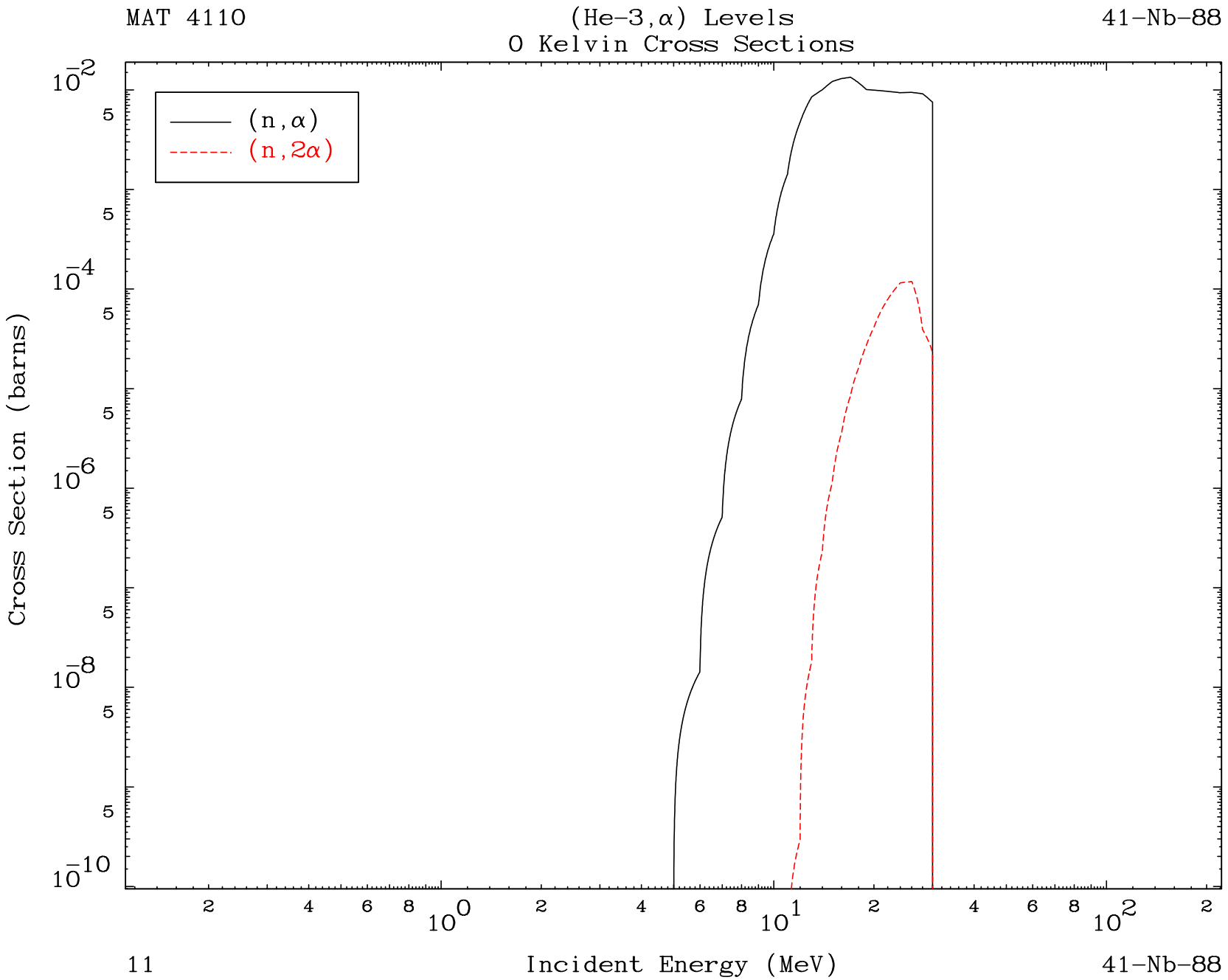

MAT 4110
(He-3,p) Levels
41-Nb-88
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
41-Nb-88

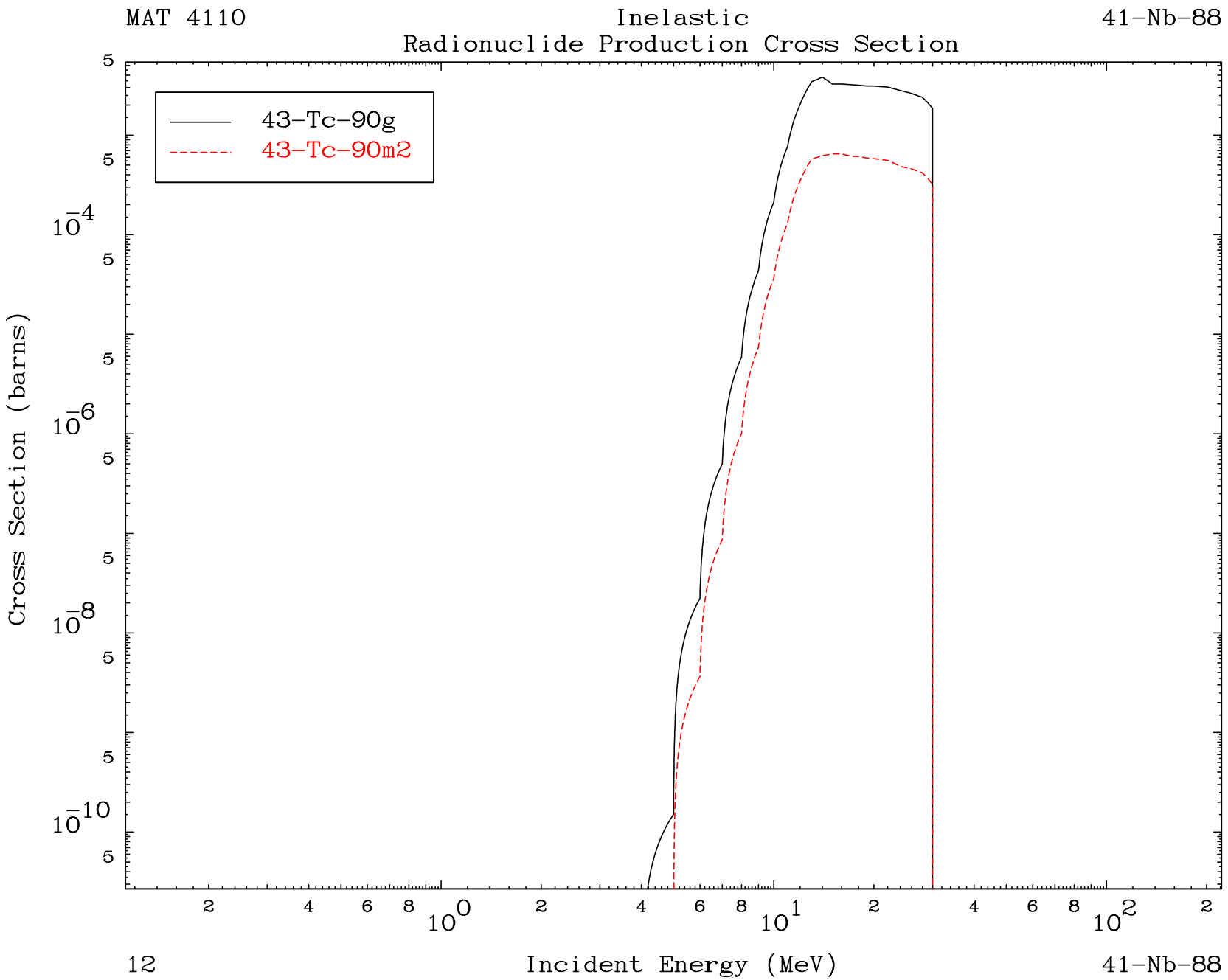
0 Kelvin Cross Sections

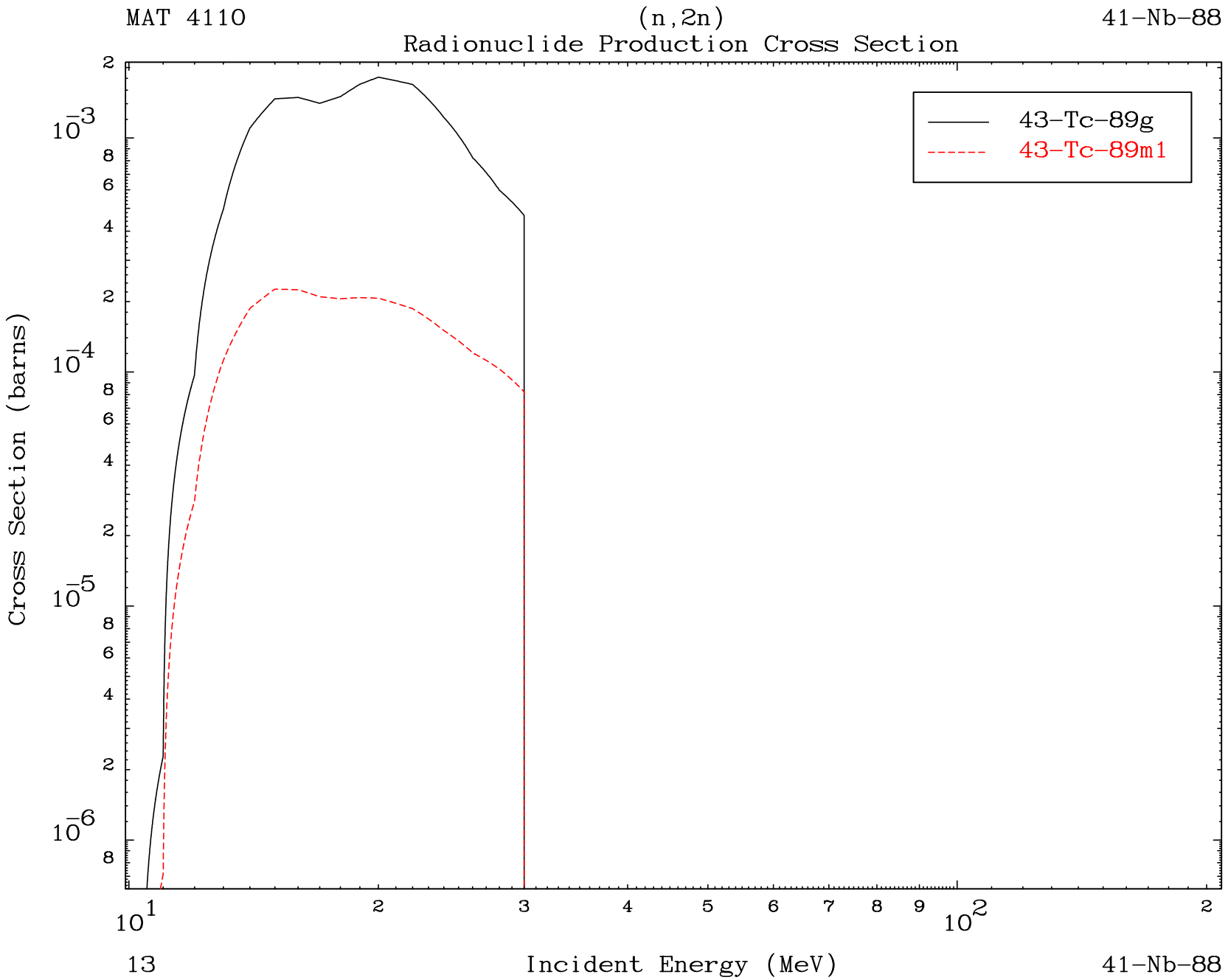


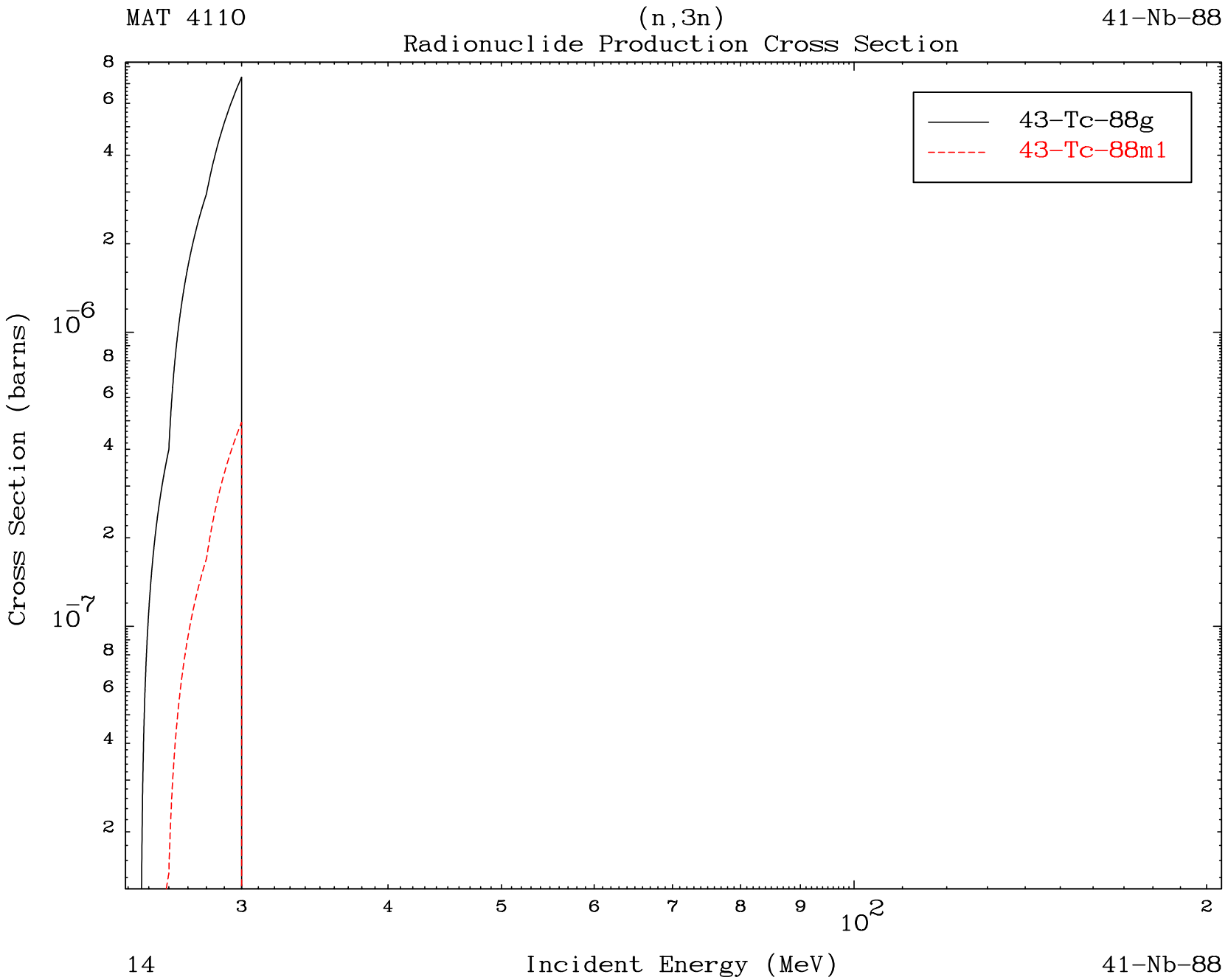

MAT 4110
(He-3,t) Levels
41-Nb-88
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
9
41-Nb-88

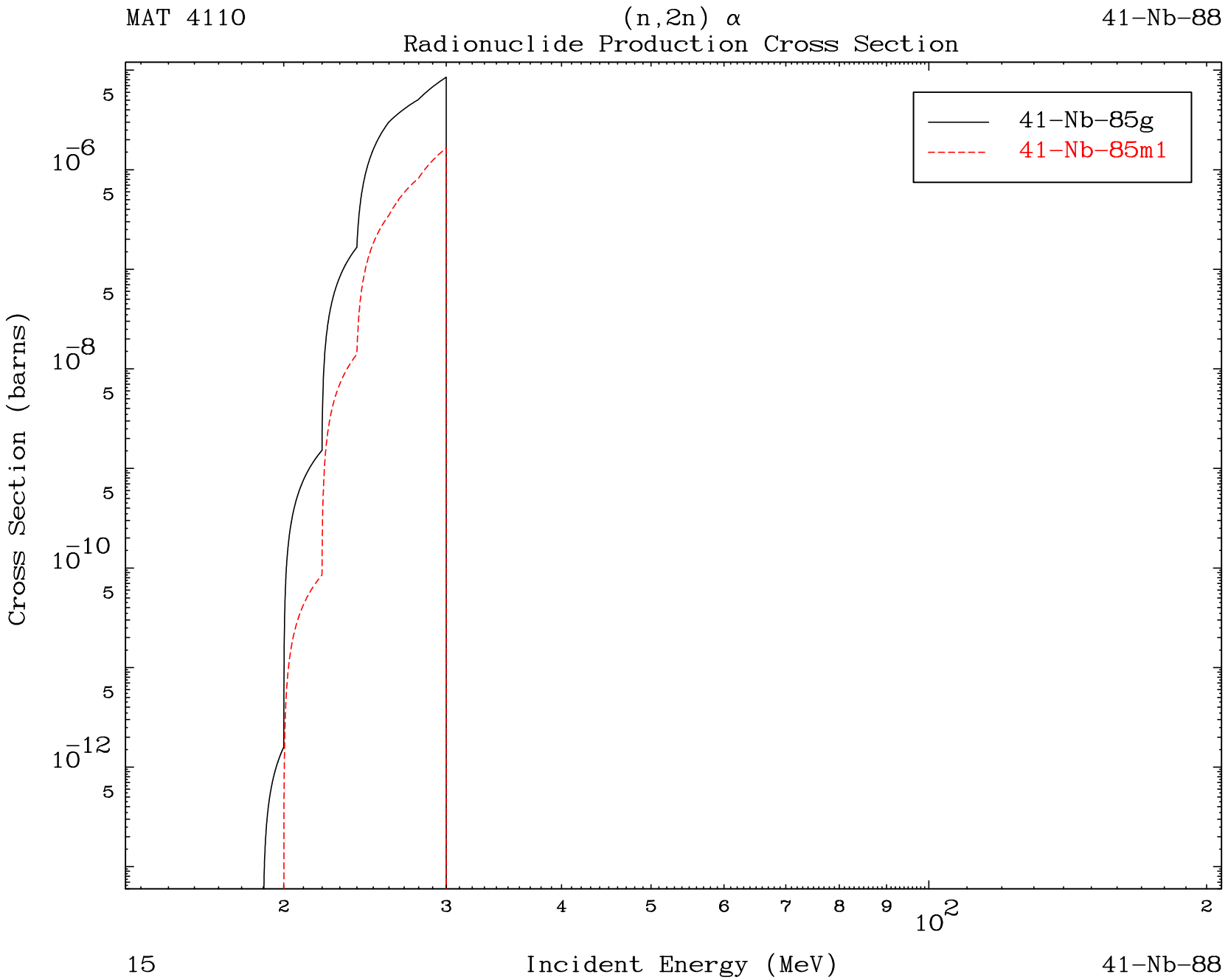

MAT 4110
(He-3,He3) Levels
41-Nb-88
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
41-Nb-88

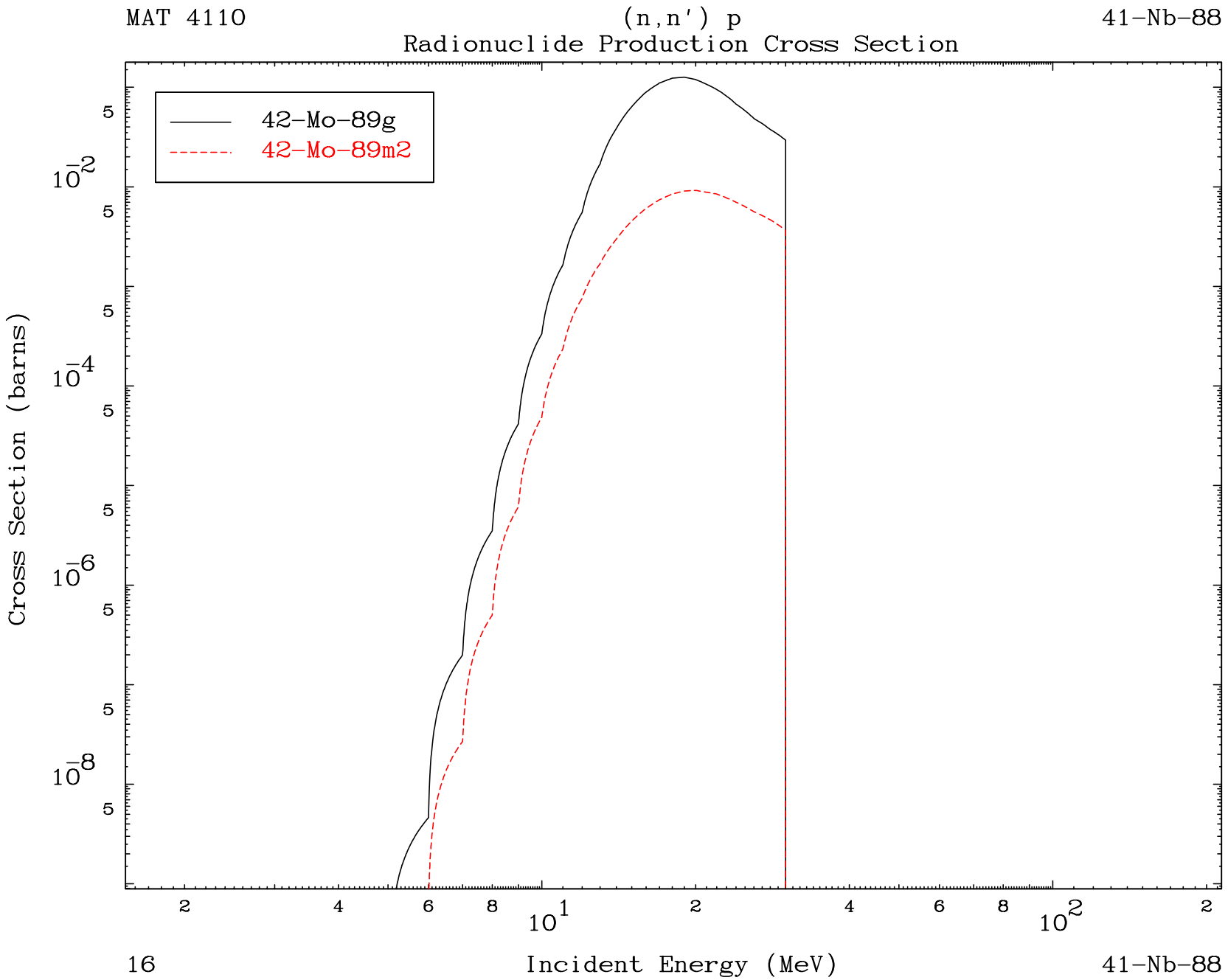

MAT 4110
(He-3,α) Levels
41-Nb-88
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
41-Nb-88

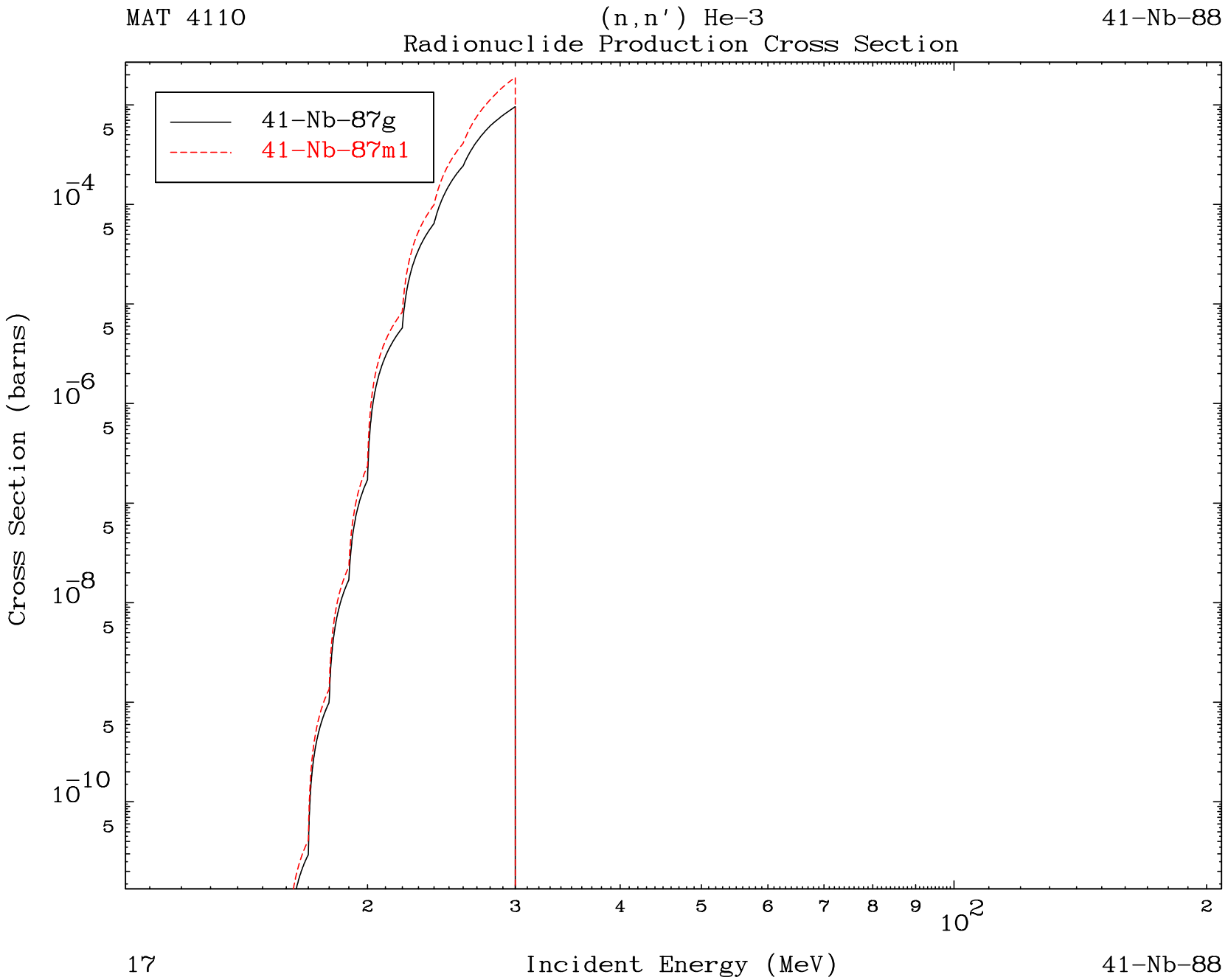

MAT 4110
Inelastic
41-Nb-88
Radionuclide Production Cross Section
43-Tc-90g
43-Tc-90m2
Cross Section (barns)
Incident Energy (MeV)
12
41-Nb-88

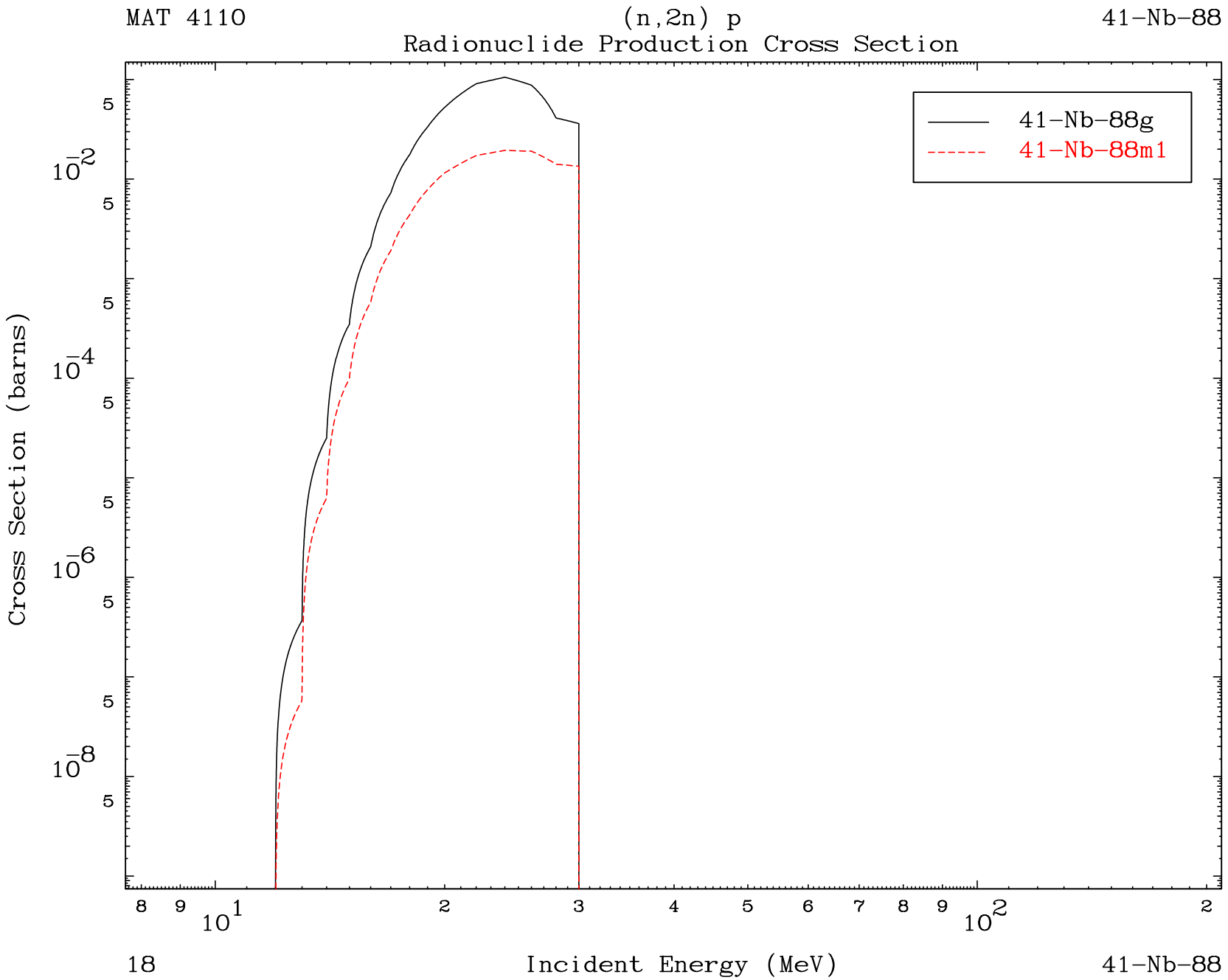

MAT 4110
(n,2n)
41-Nb-88
Radionuclide Production Cross Section
43-Tc-89g
43-Tc-89m1
Cross Section (barns)
Incident Energy (MeV)
13
41-Nb-88

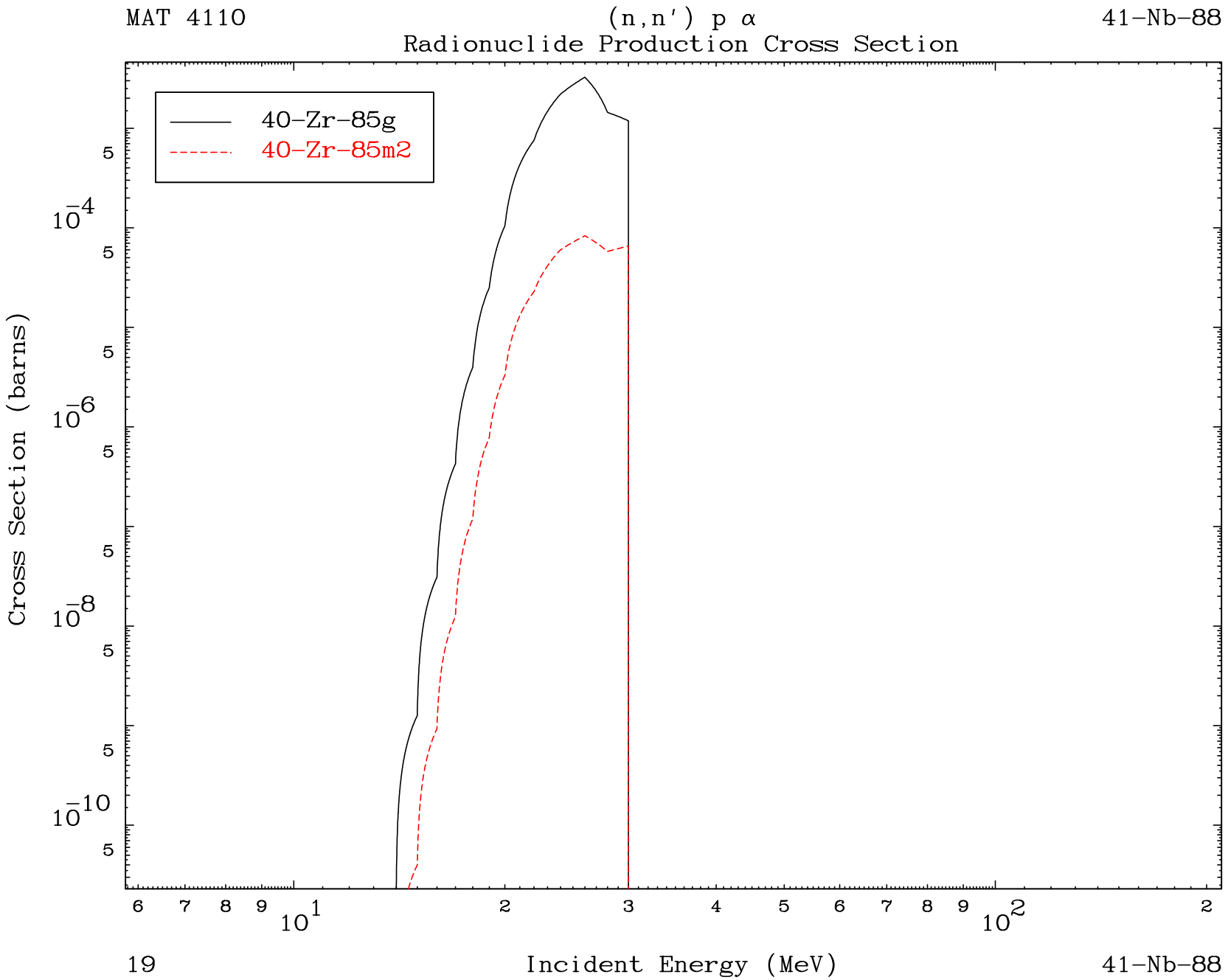

MAT 4110
(n,3n)
41-Nb-88
Radionuclide Production Cross Section
43-Tc-88g
43-Tc-88m1
Cross Section (barns)
10-6
10-7
8
6
4
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
41-Nb-88

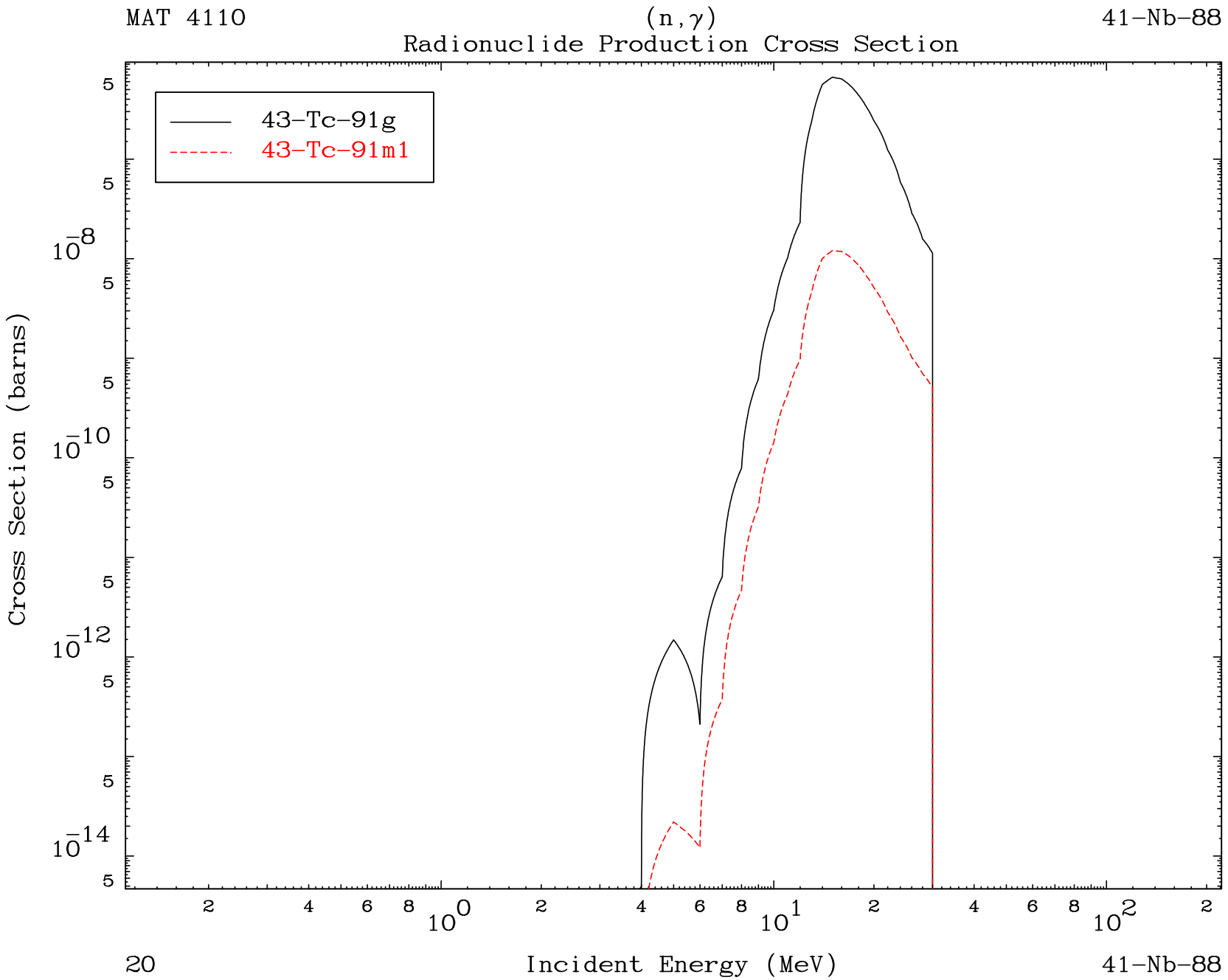

MAT 4110
(n,2n) α
41-Nb-88
Radionuclide Production Cross Section
41-Nb-85g
41-Nb-85m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
15
41-Nb-88

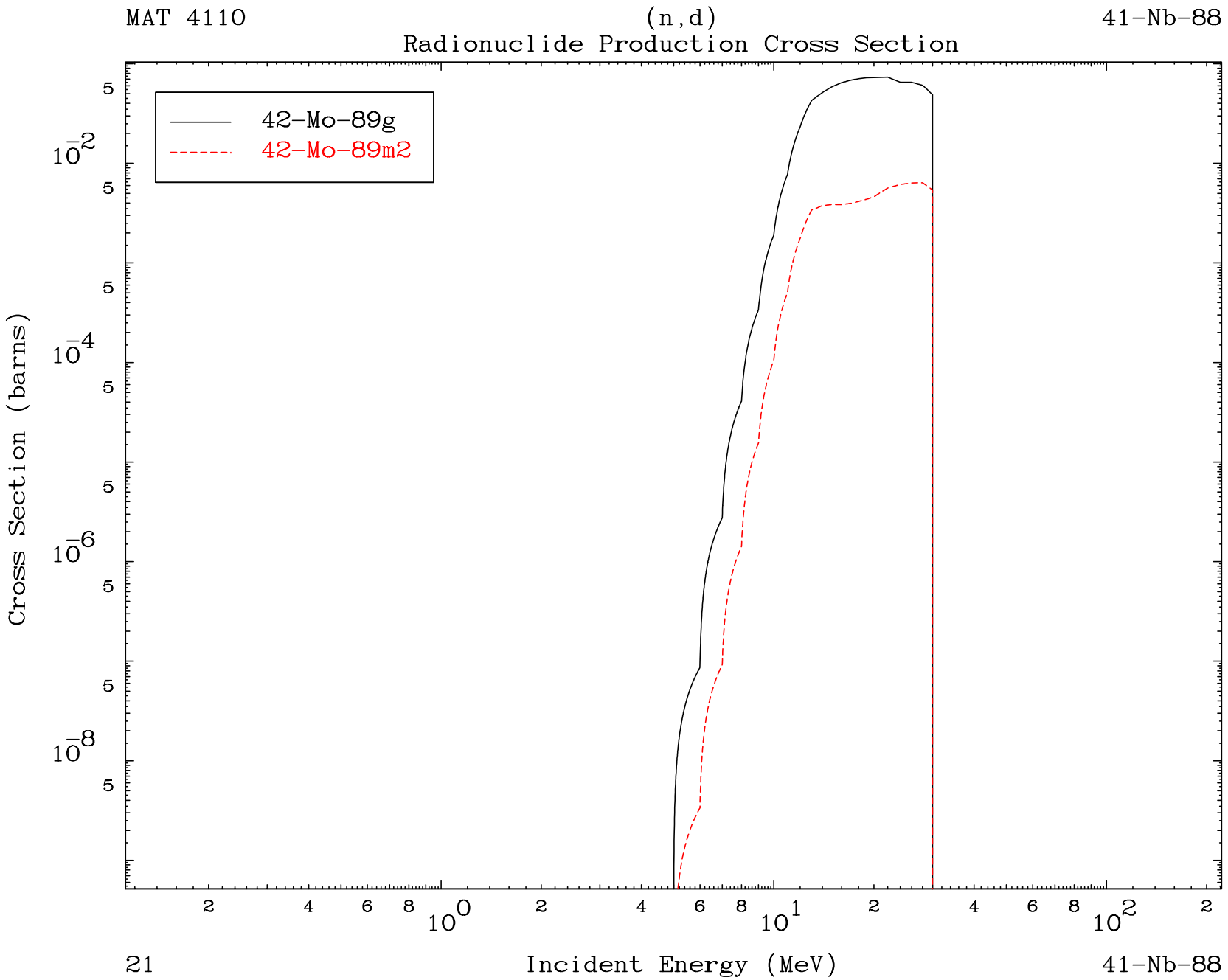

MAT 4110
(n,n') p
41-Nb-88
Radionuclide Production Cross Section
42-Mo-89g
42-Mo-89m2
Cross Section (barns)
10-2
10-4
10-6
10-8
2
4
6
8
101
2
4
6
8
102
2
16
Incident Energy (MeV)
41-Nb-88

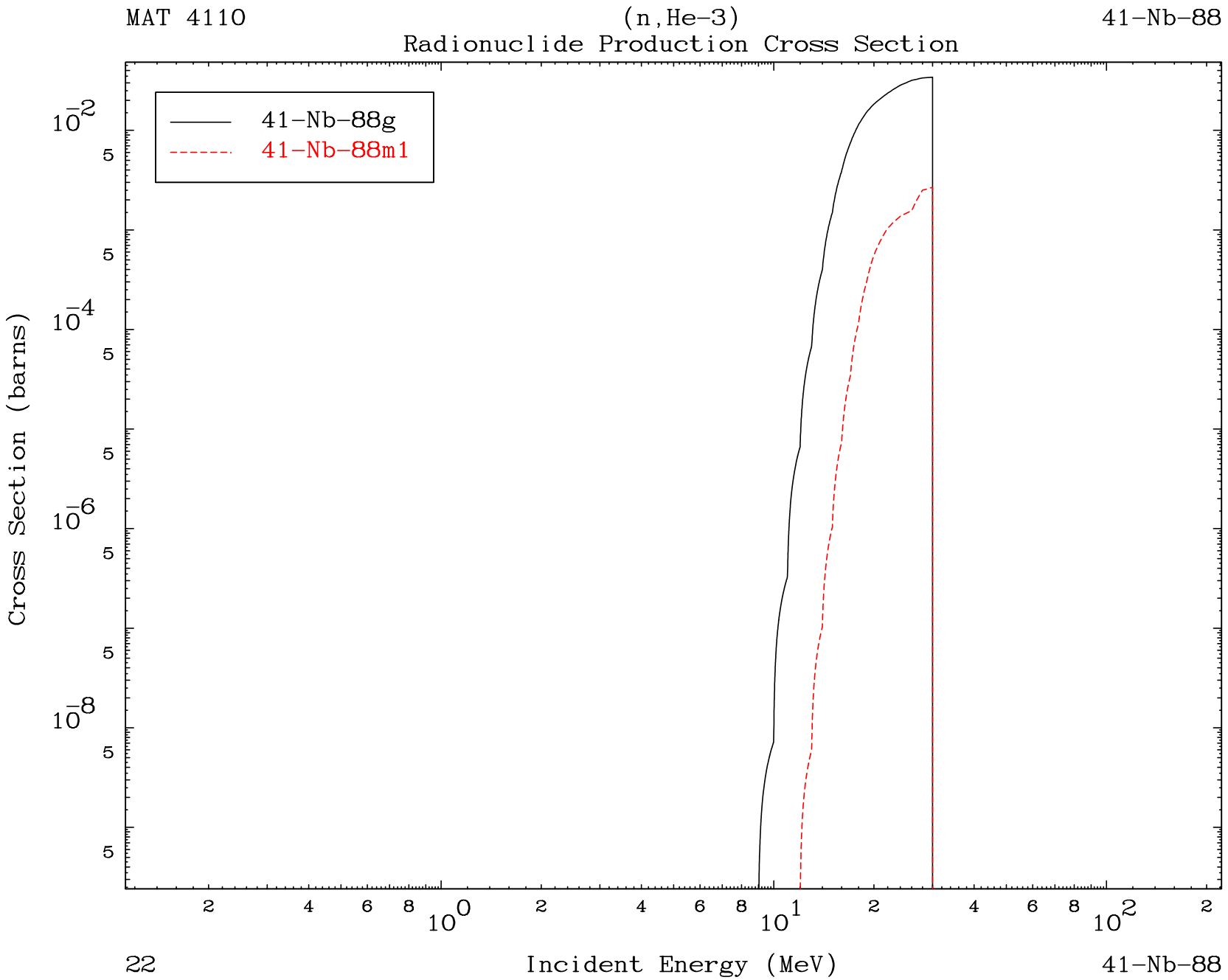

MAT 4110
(n,n') He-3
41-Nb-88
Radionuclide Production Cross Section
41-Nb-87g
41-Nb-87m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
41-Nb-88

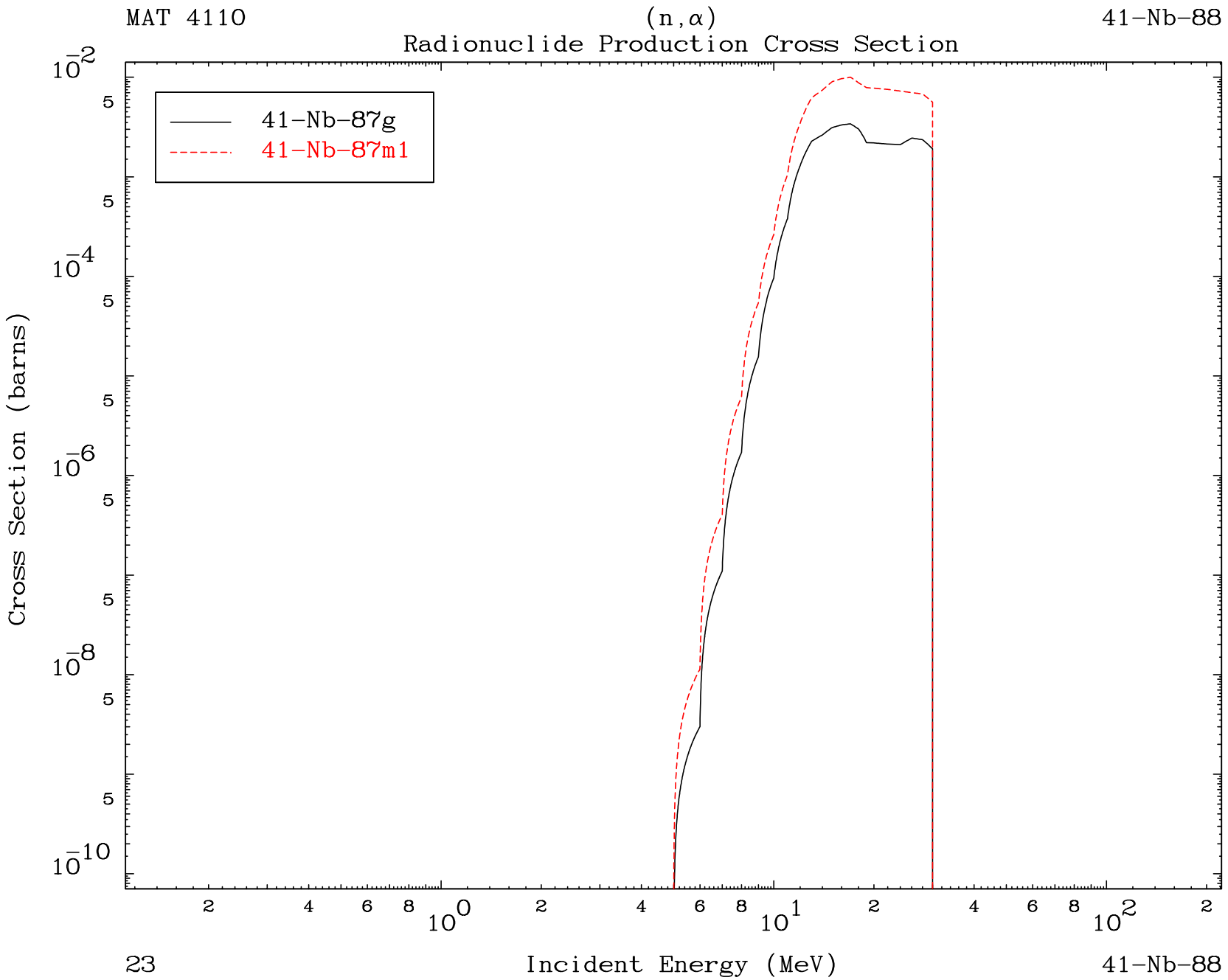

MAT 4110
(n,2n) p
41-Nb-88
Radionuclide Production Cross Section
41-Nb-88g
41-Nb-88m1
Cross Section (barns)
Incident Energy (MeV)
18
41-Nb-88

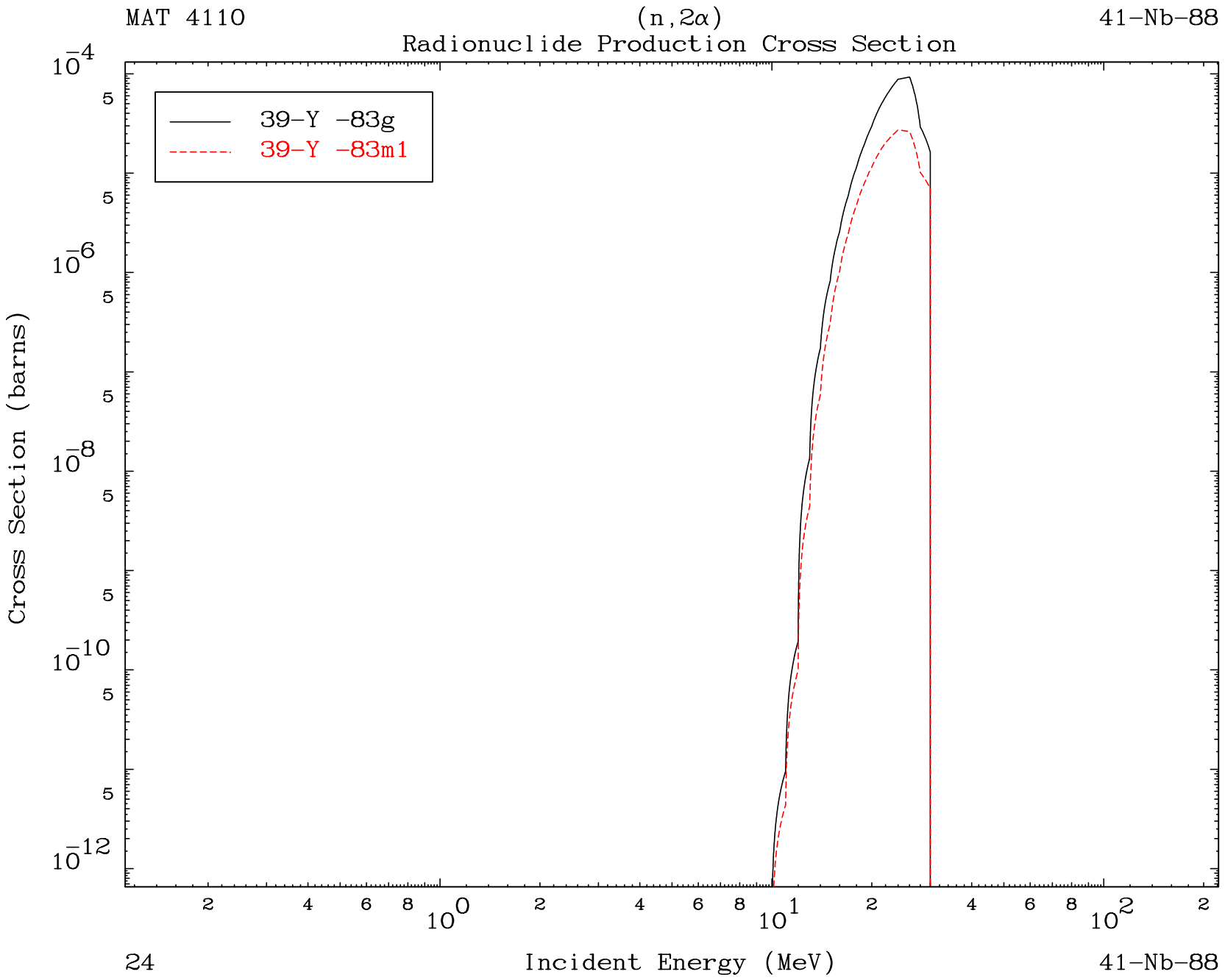

MAT 4110
(n,n') p α
41-Nb-88
Radionuclide Production Cross Section
40-Zr-85g
40-Zr-85m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
19
Incident Energy (MeV)
41-Nb-88

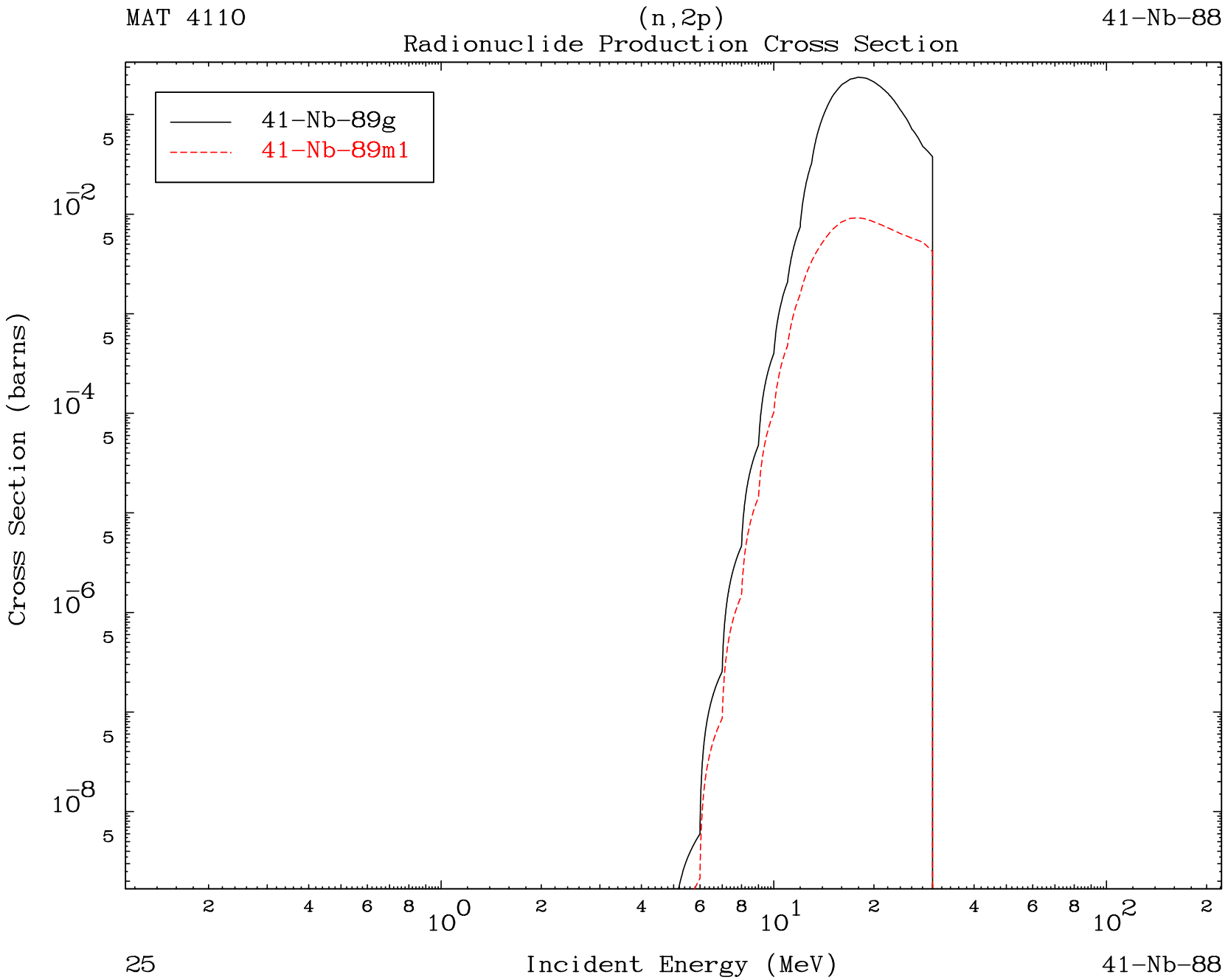

MAT 4110
(n,γ)
41-Nb-88
Radionuclide Production Cross Section
43-Tc-91g
43-Tc-91m1
Cross Section (barns)
Incident Energy (MeV)
20
41-Nb-88

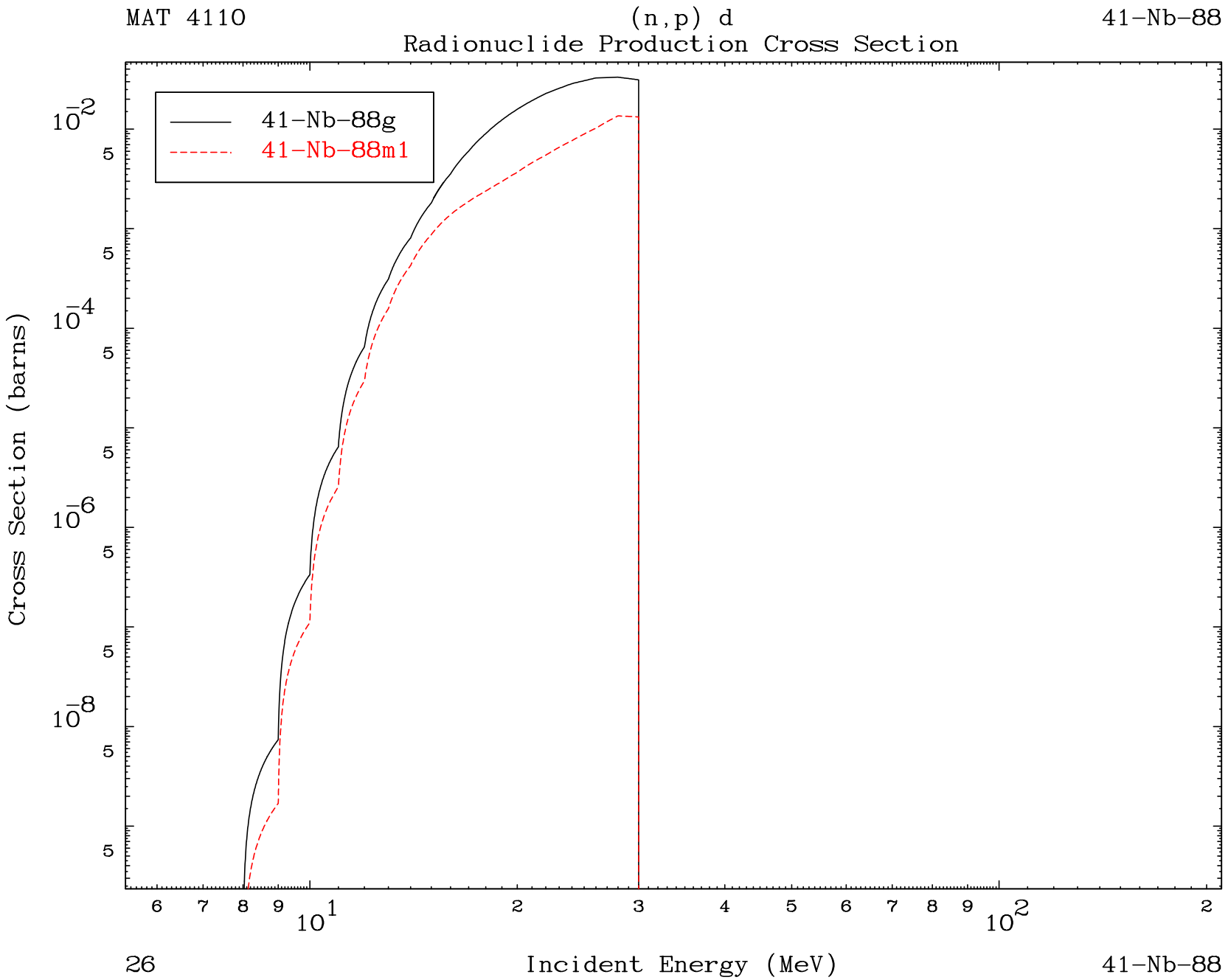

MAT 4110
(n,d)
41-Nb-88
Radionuclide Production Cross Section
42-Mo-89g
42-Mo-89m2
Cross Section (barns)
Incident Energy (MeV)
21
41-Nb-88

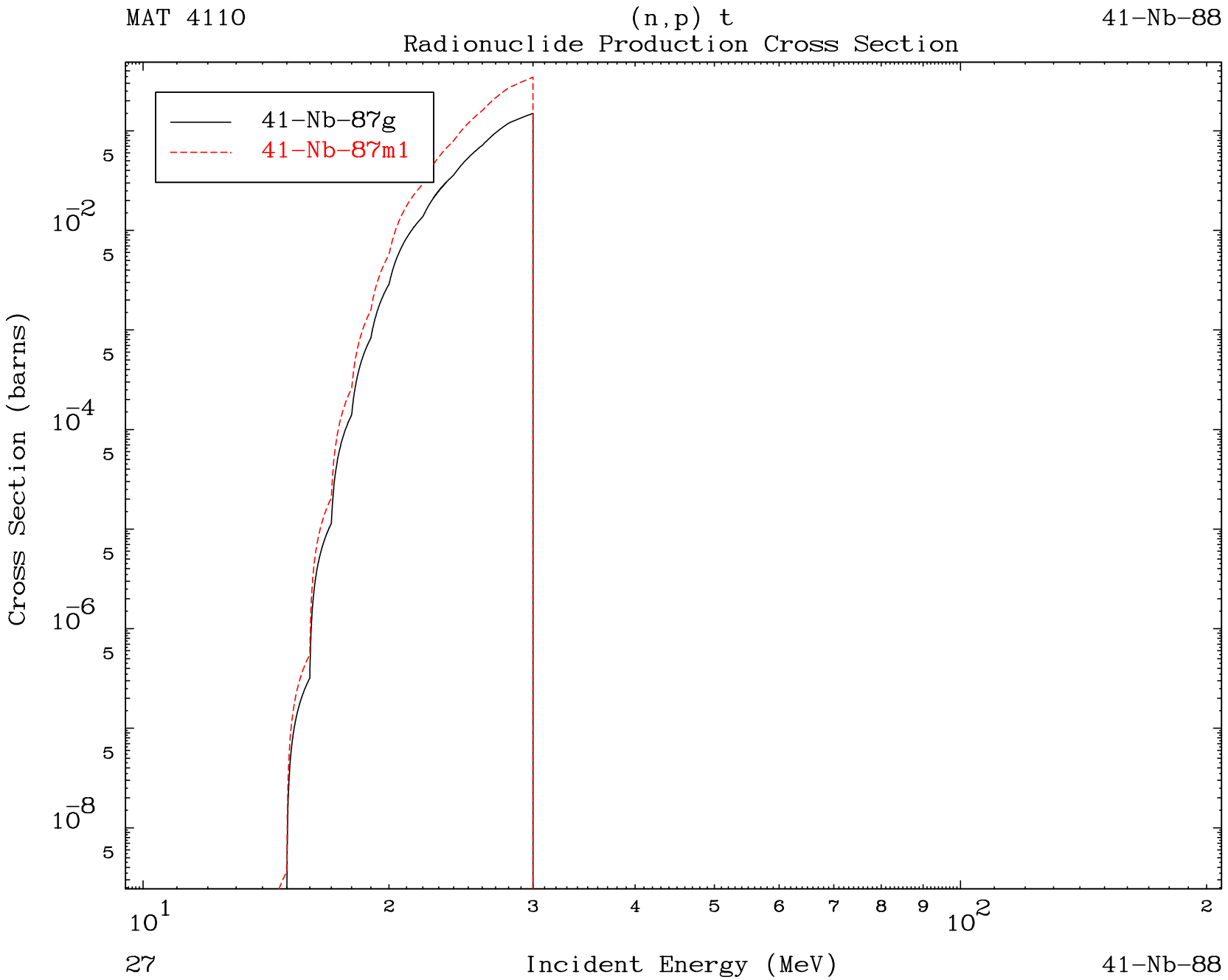

MAT 4110
(n,He-3)
41-Nb-88
Radionuclide Production Cross Section
41-Nb-88g
41-Nb-88m1
Cross Section (barns)
Incident Energy (MeV)
22
41-Nb-88

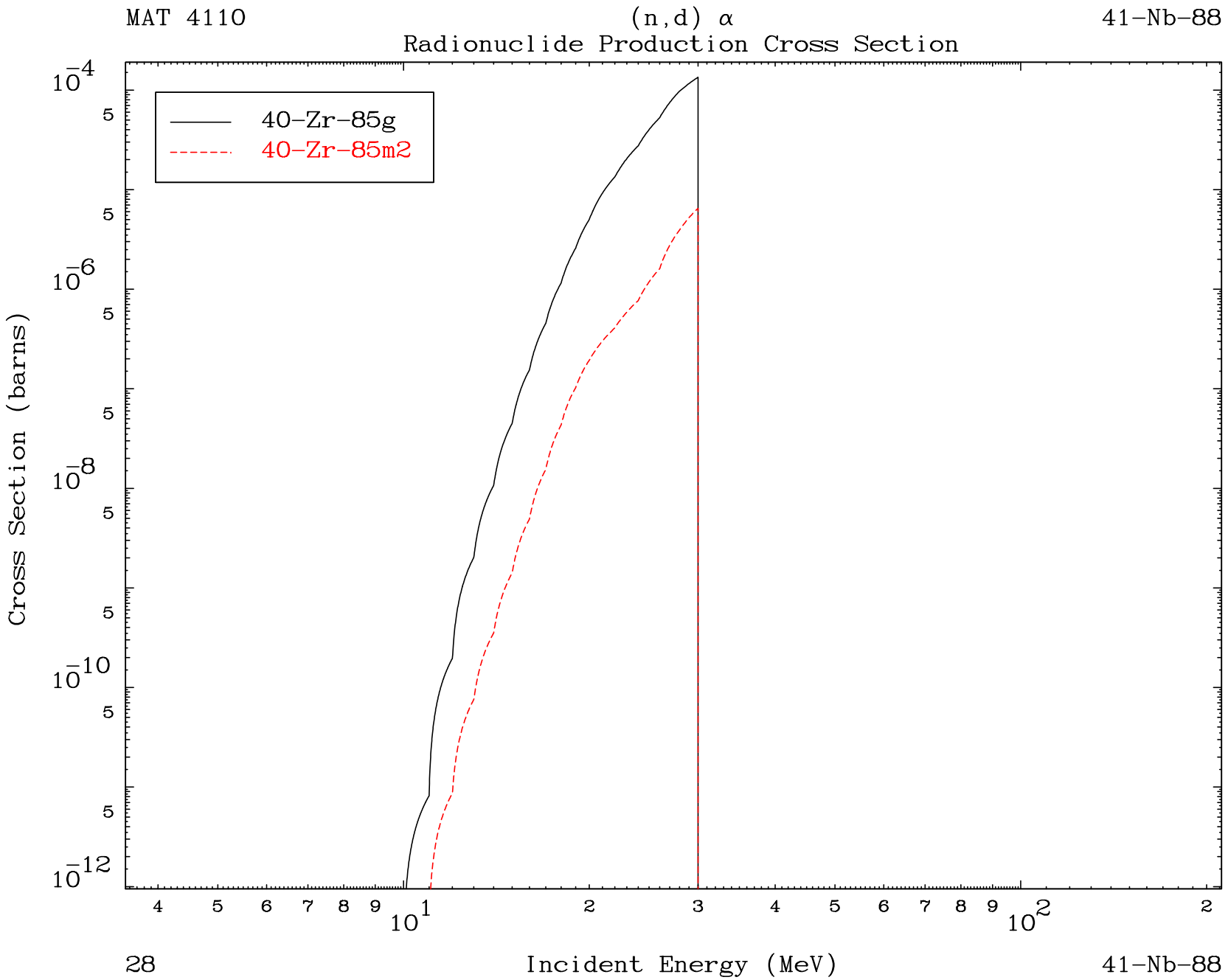

MAT 4110
(n,α)
41-Nb-88
Radionuclide Production Cross Section
41-Nb-87g
41-Nb-87m1
Cross Section (barns)
Incident Energy (MeV)
23
41-Nb-88


MAT 4110
(n,2α)
41-Nb-88
Radionuclide Production Cross Section
39-Y -83g
39-Y -83m1
Cross Section (barns)
Incident Energy (MeV)
24
41-Nb-88


MAT 4110
(n,2p)
41-Nb-88
Radionuclide Production Cross Section
41-Nb-89g
41-Nb-89m1
Cross Section (barns)
Incident Energy (MeV)
25
41-Nb-88


MAT 4110
(n,p) d
41-Nb-88
Radionuclide Production Cross Section
41-Nb-88g
41-Nb-88m1
Cross Section (barns)
Incident Energy (MeV)
26
41-Nb-88


MAT 4110
(n,p) t
41-Nb-88
Radionuclide Production Cross Section
41-Nb-87g
41-Nb-87m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
101
2
3
4
5
6
7
8
9
102
2
27
Incident Energy (MeV)
41-Nb-88


MAT 4110
(n,d) α
41-Nb-88
Radionuclide Production Cross Section
40-Zr-85g
40-Zr-85m2
Cross Section (barns)
Incident Energy (MeV)
28
41-Nb-88