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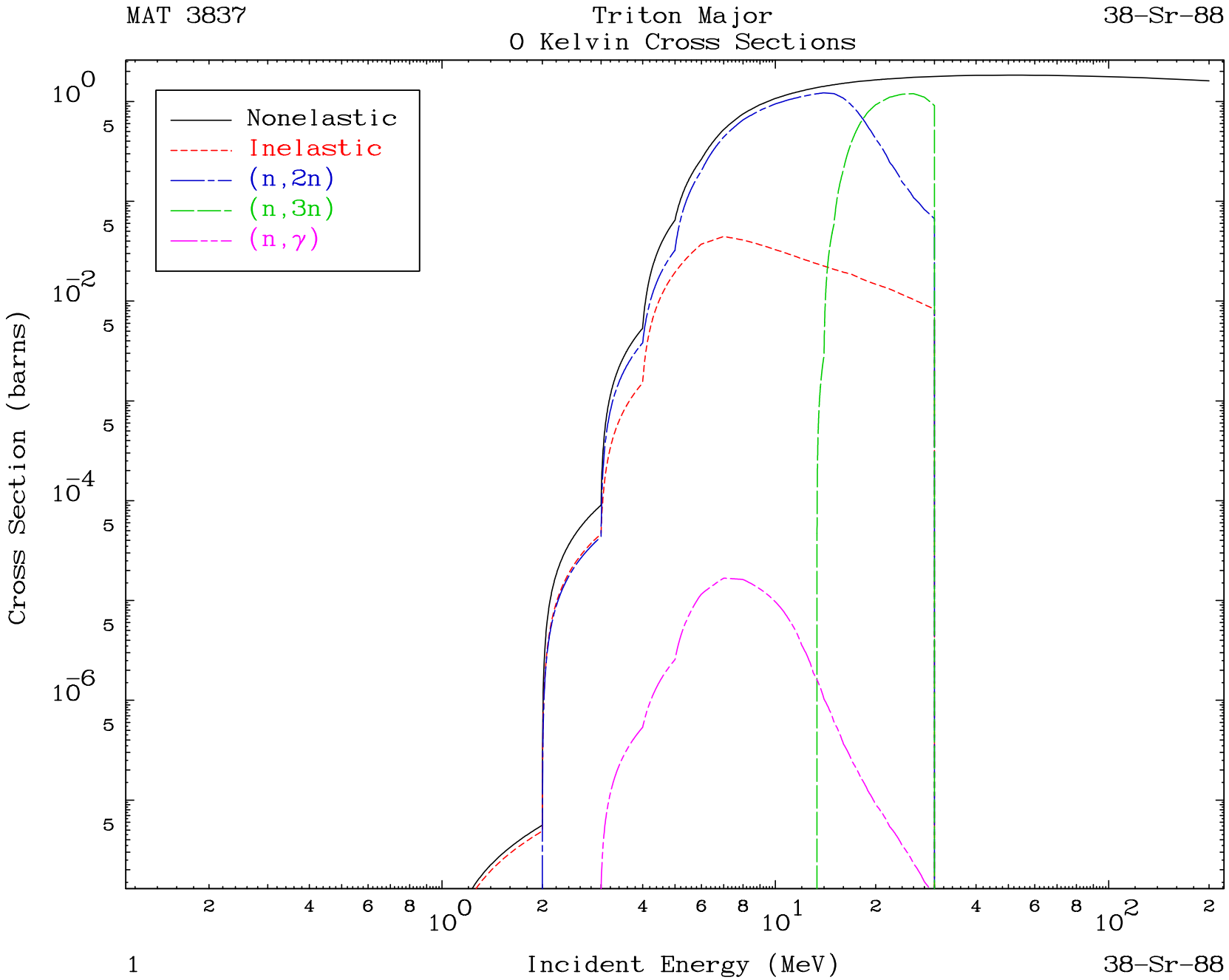
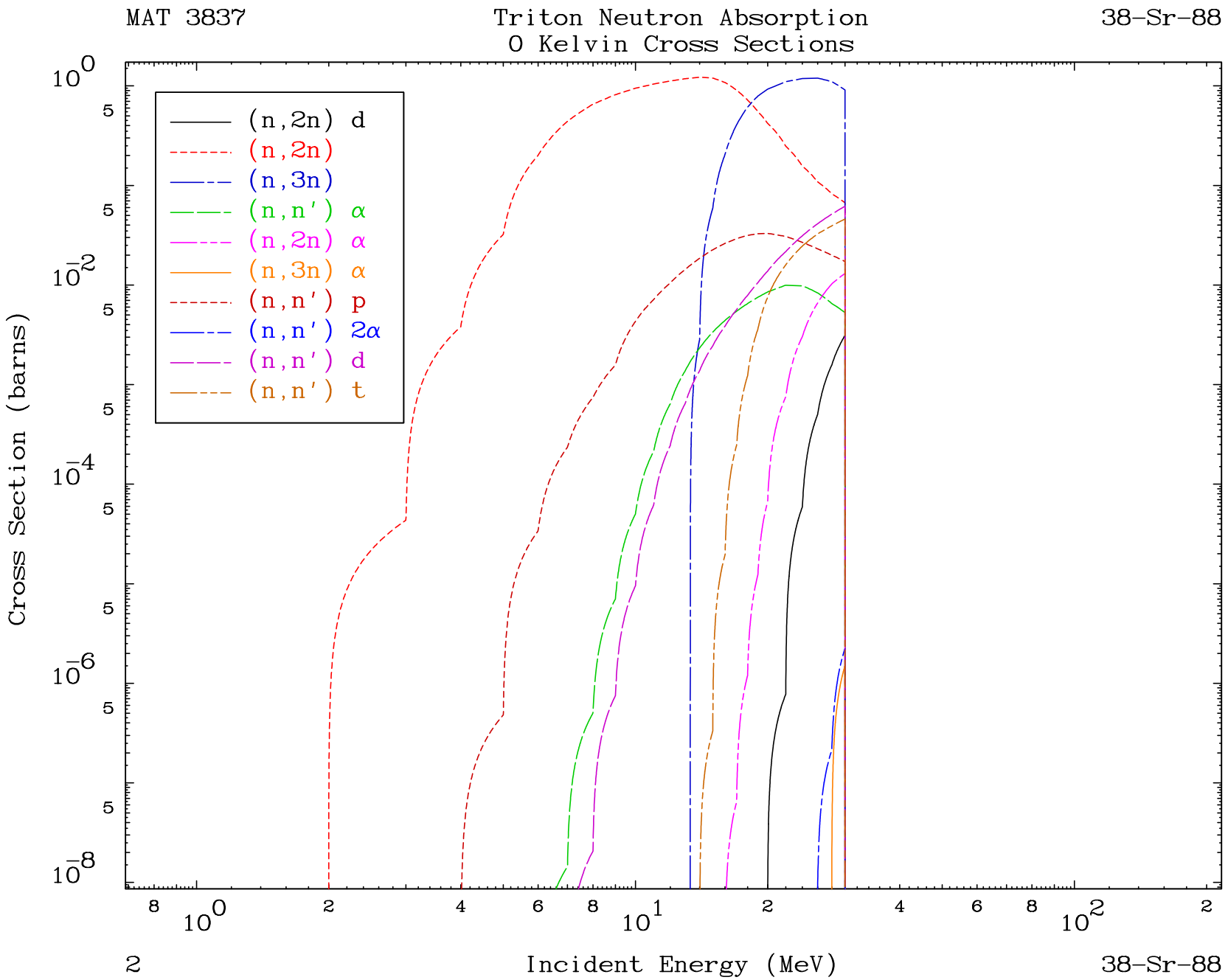
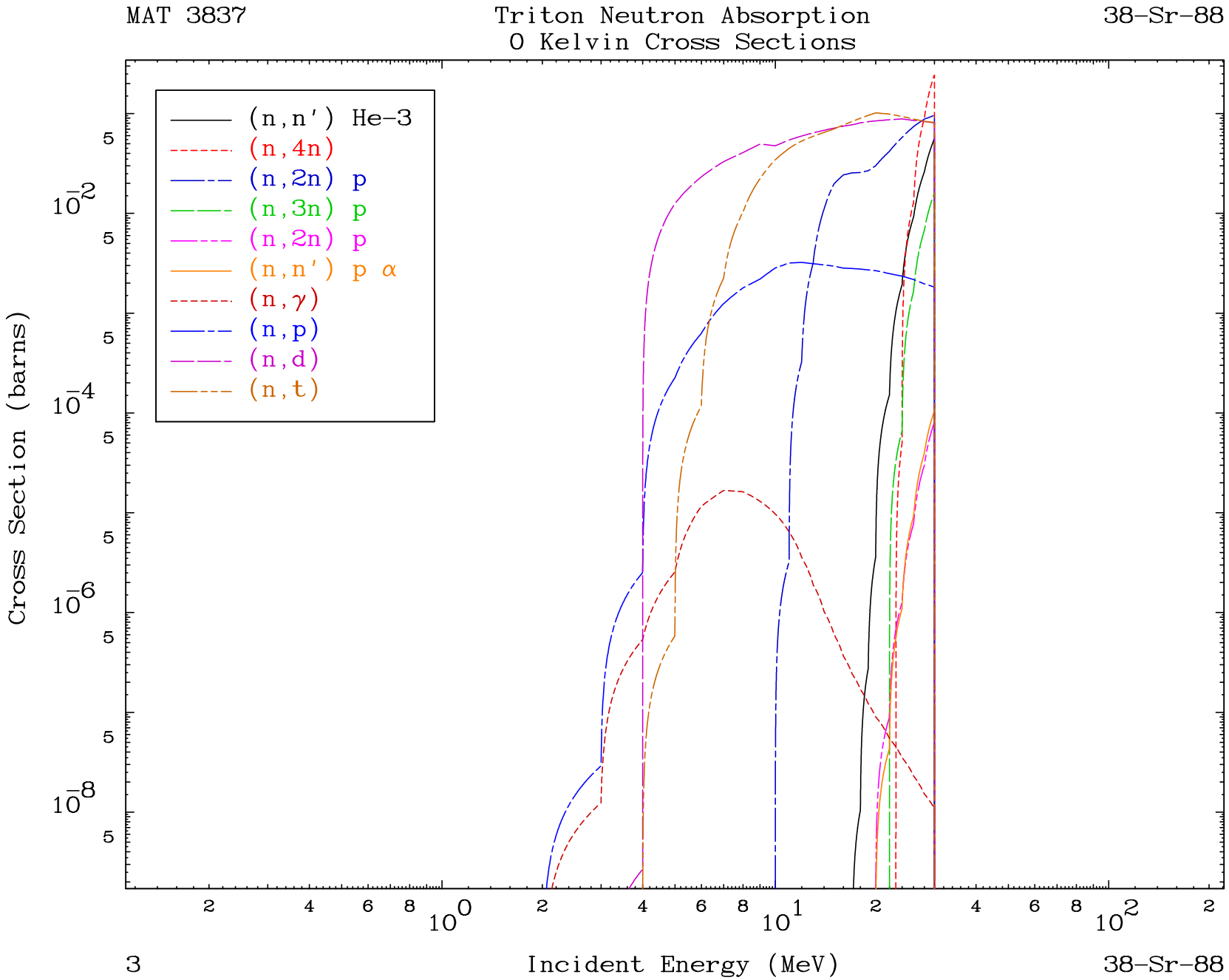
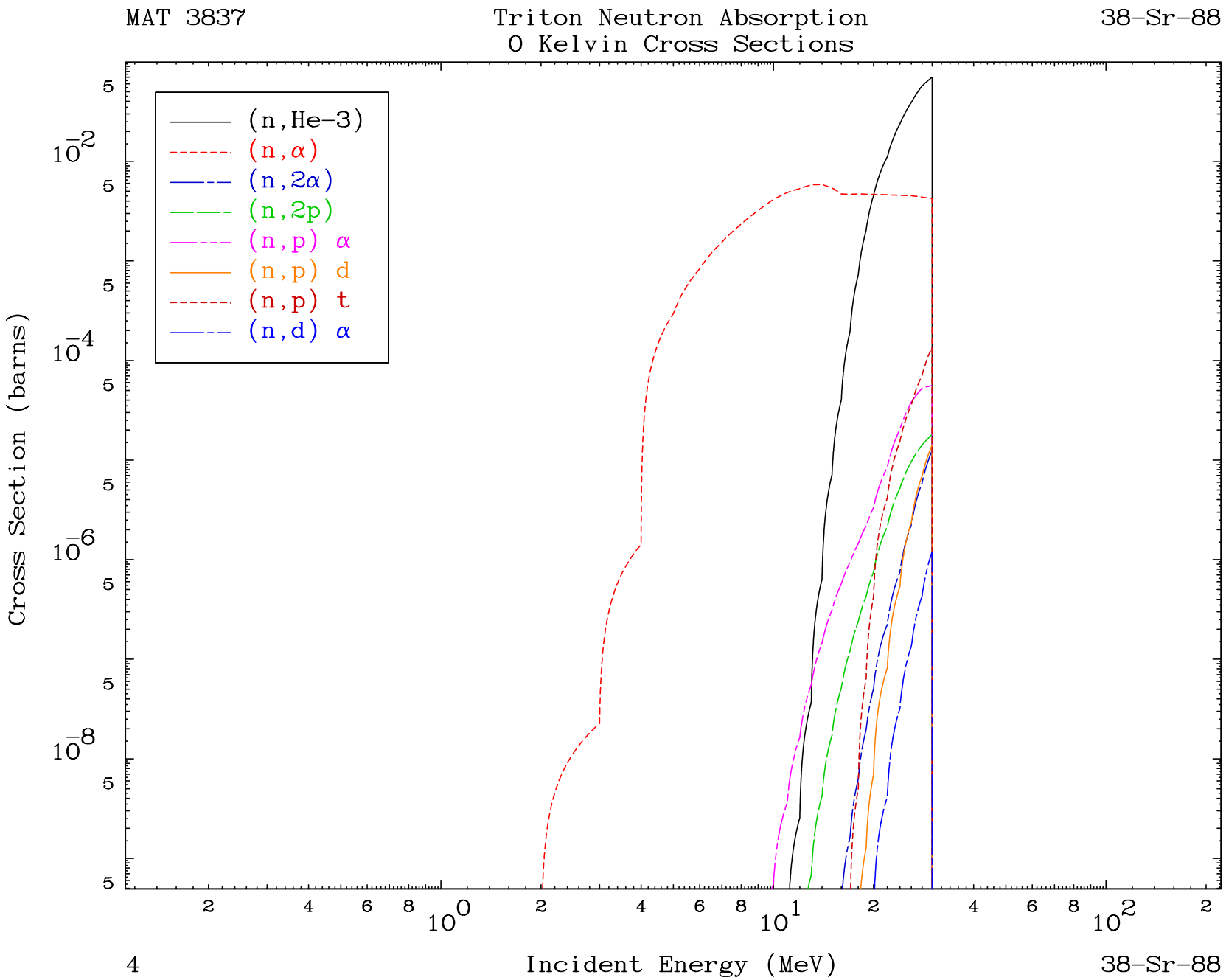
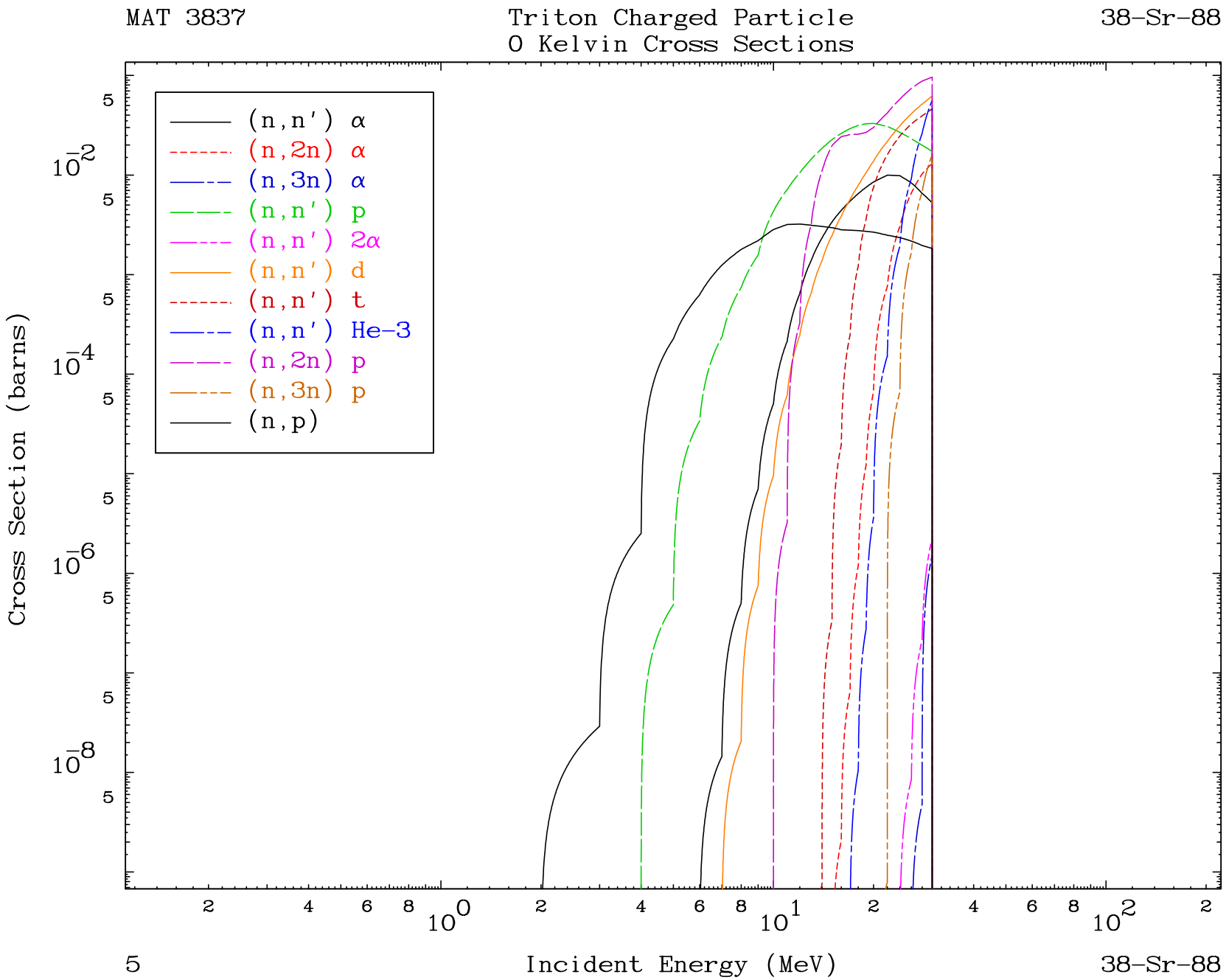
Press Mouse Button to Start

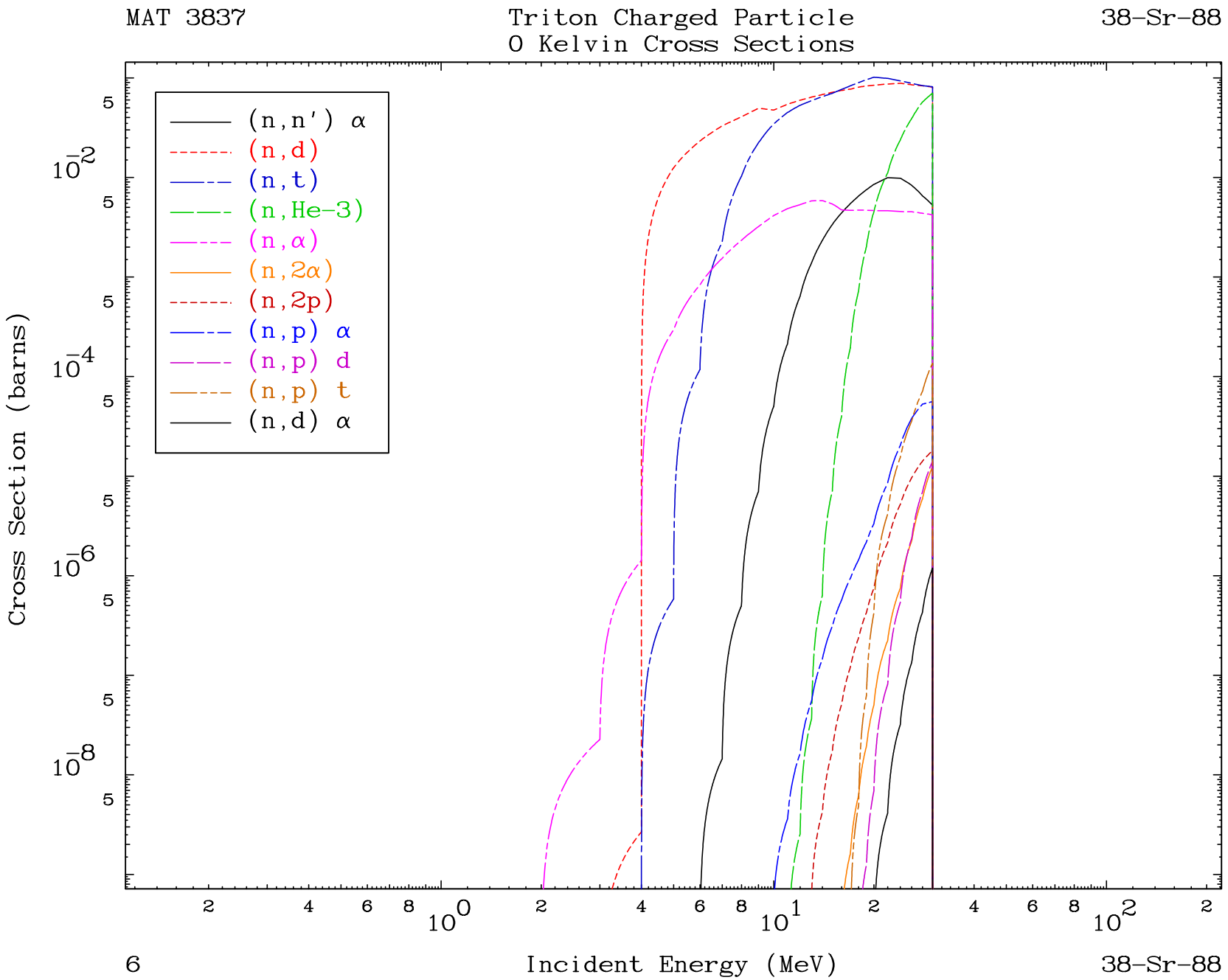

MAT 3837
Triton Major
38-Sr-88
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
38-Sr-88

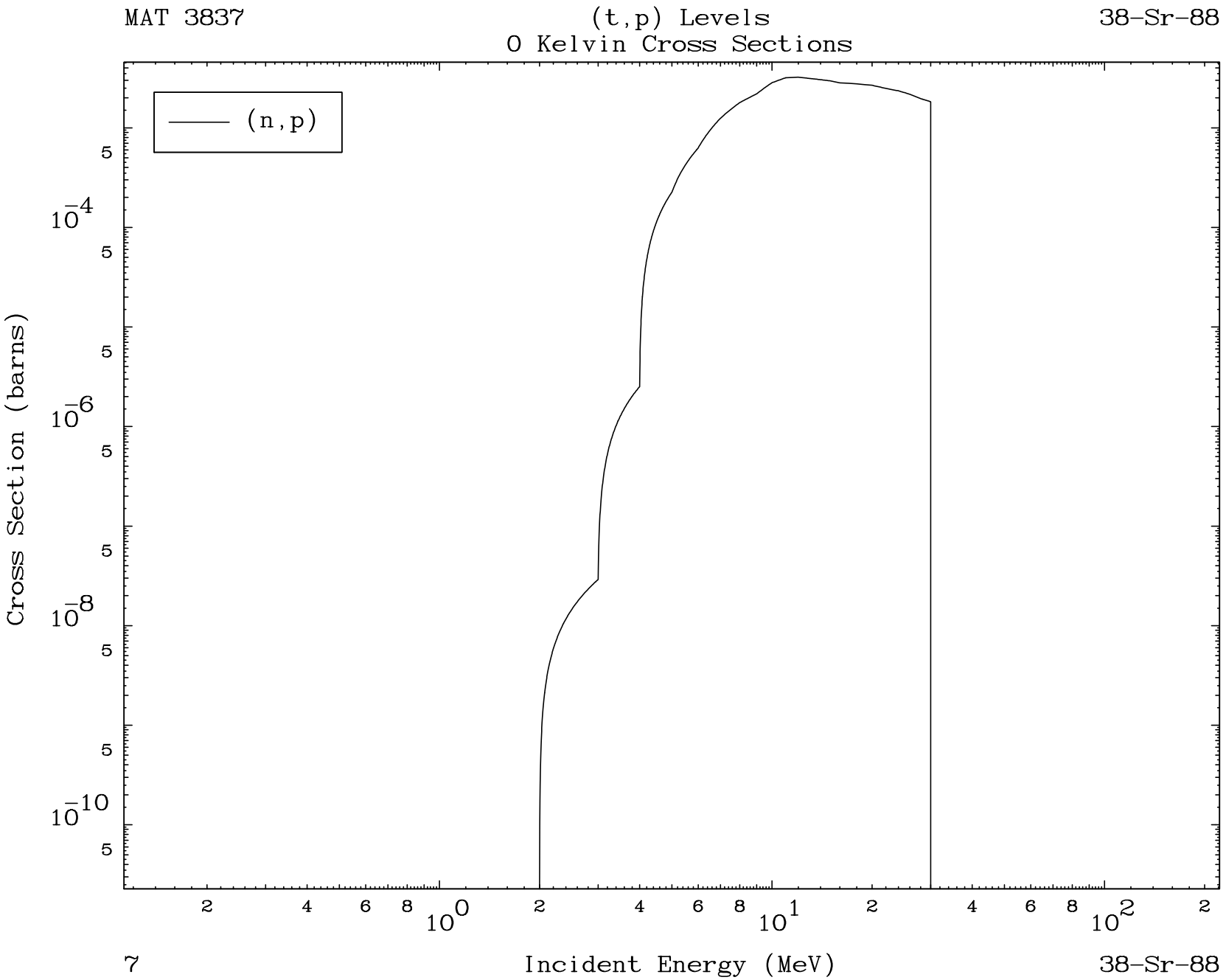

MAT 3837
Triton Neutron Absorption
0 Kelvin Cross Sections
38-Sr-88
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
38-Sr-88

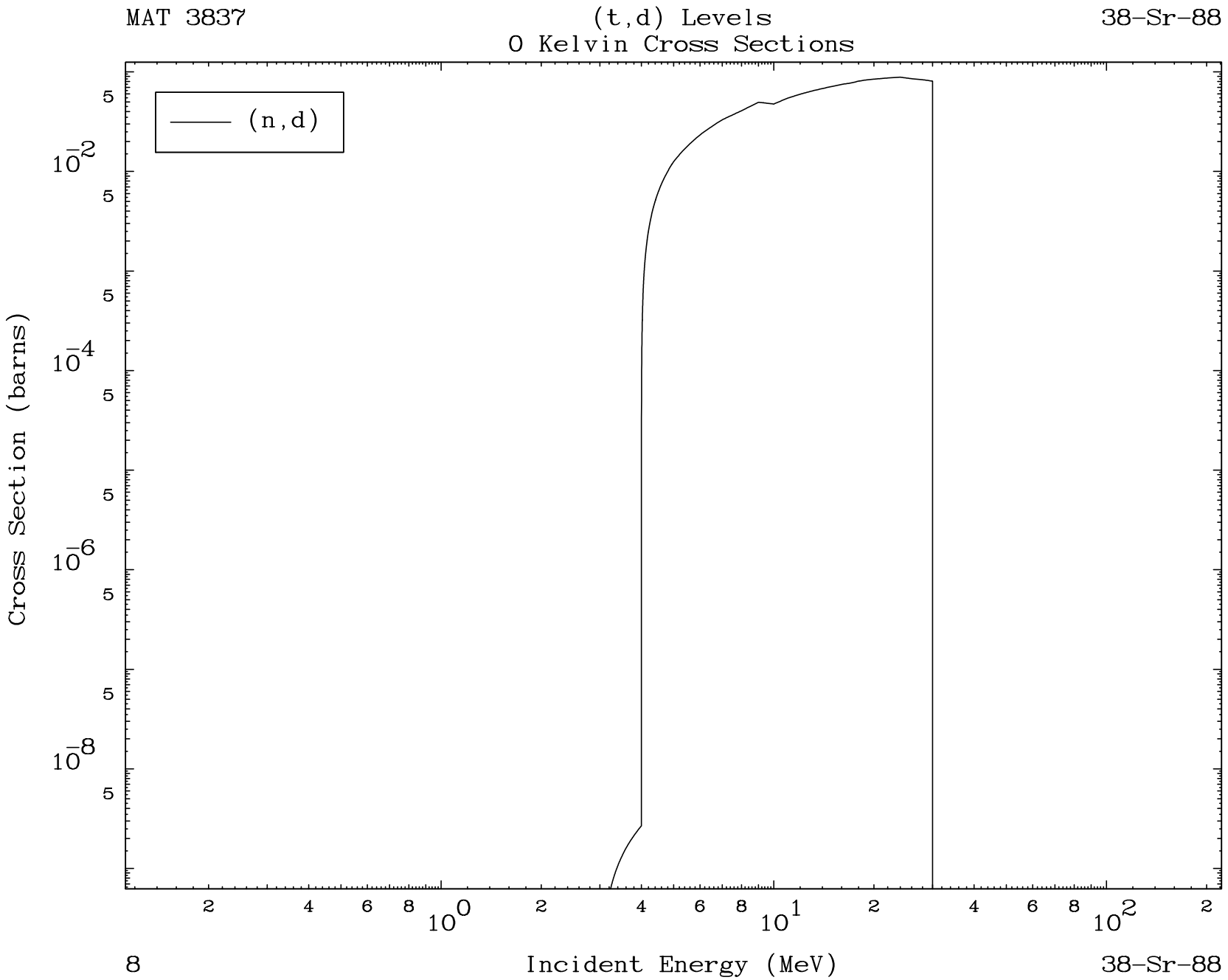

MAT 3837
Triton Neutron Absorption
0 Kelvin Cross Sections
38-Sr-88
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
38-Sr-88

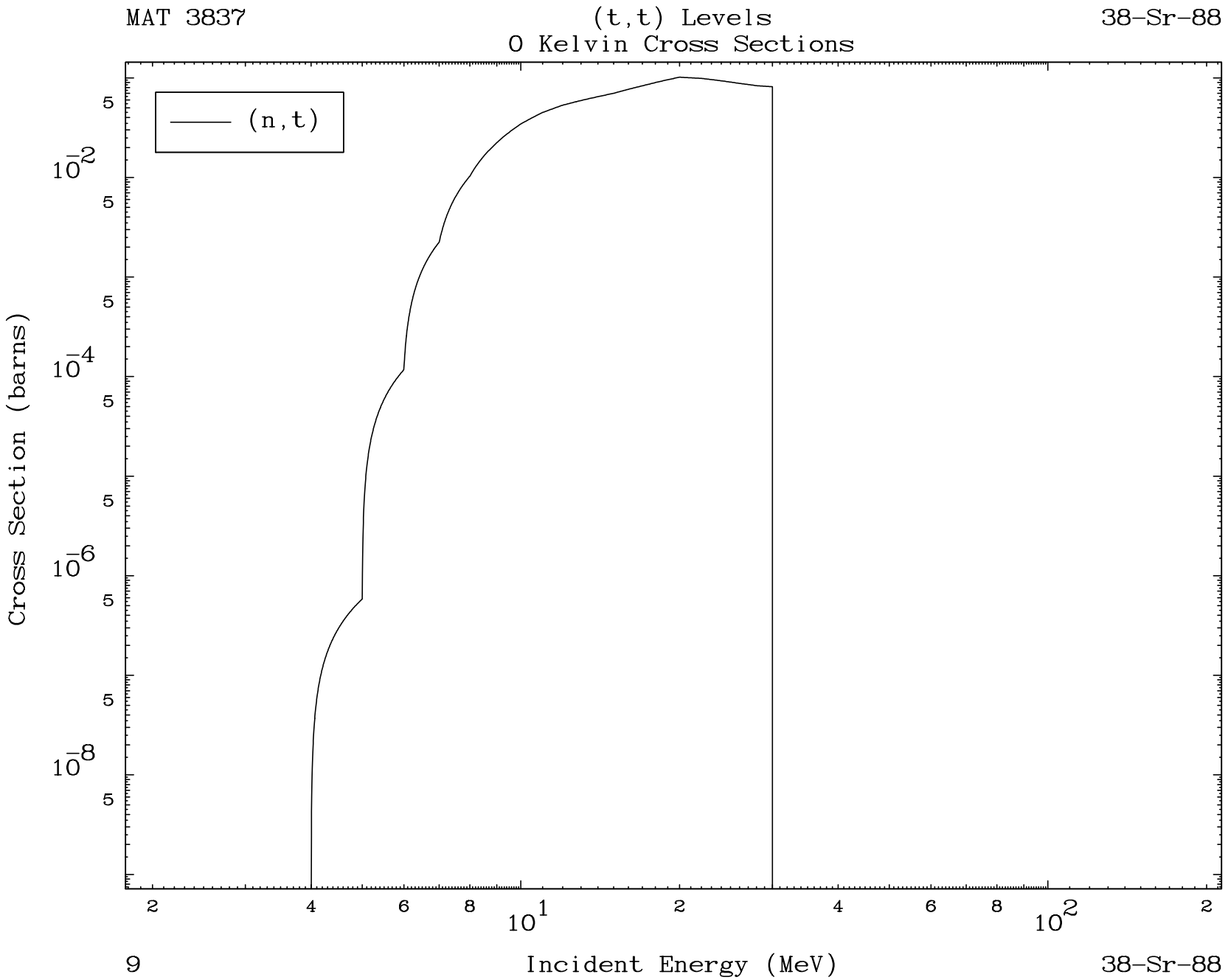

MAT 3837
Triton Neutron Absorption
0 Kelvin Cross Sections
38-Sr-88
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
38-Sr-88

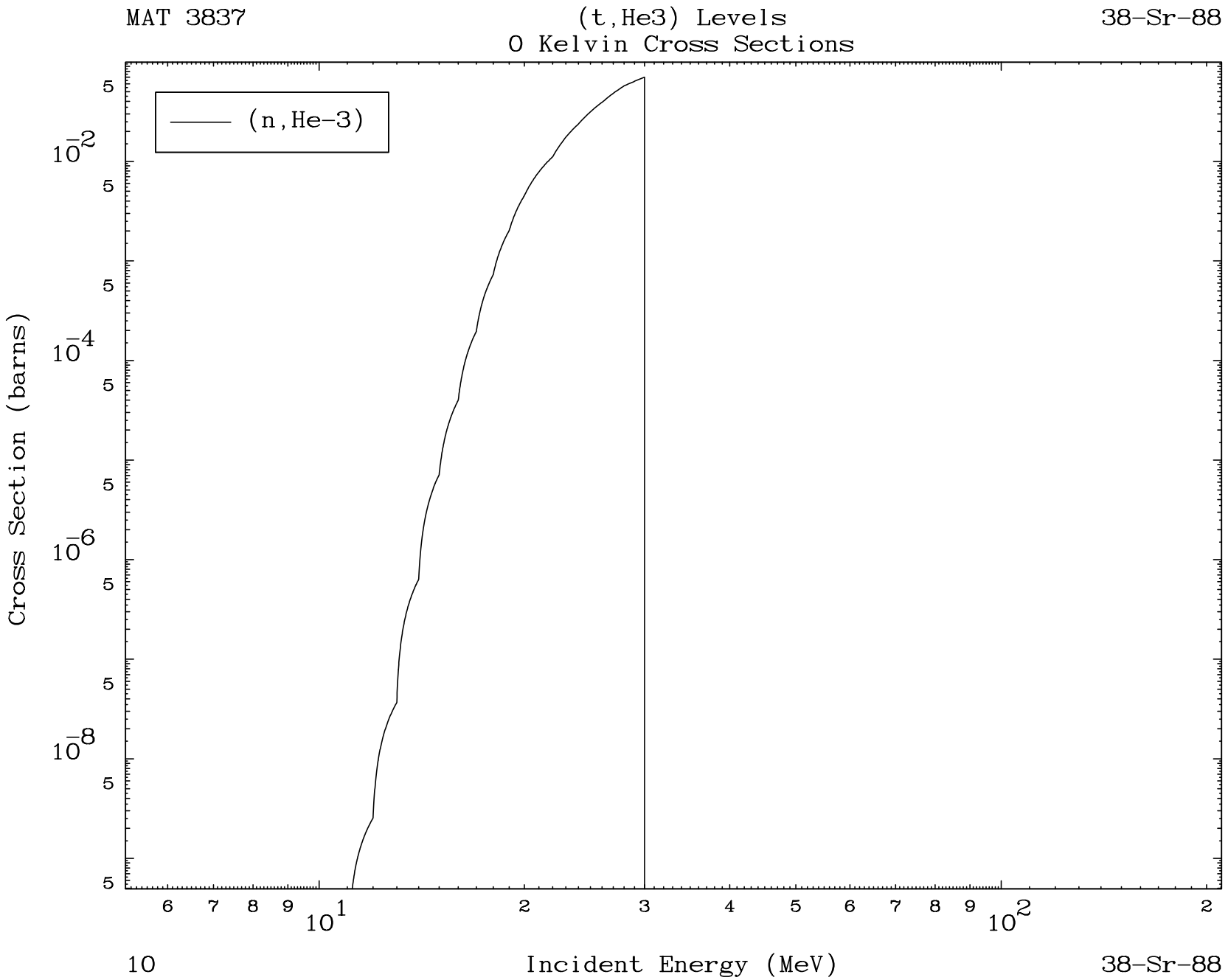

MAT 3837
Triton Charged Particle
0 Kelvin Cross Sections
38-Sr-88
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
5
38-Sr-88

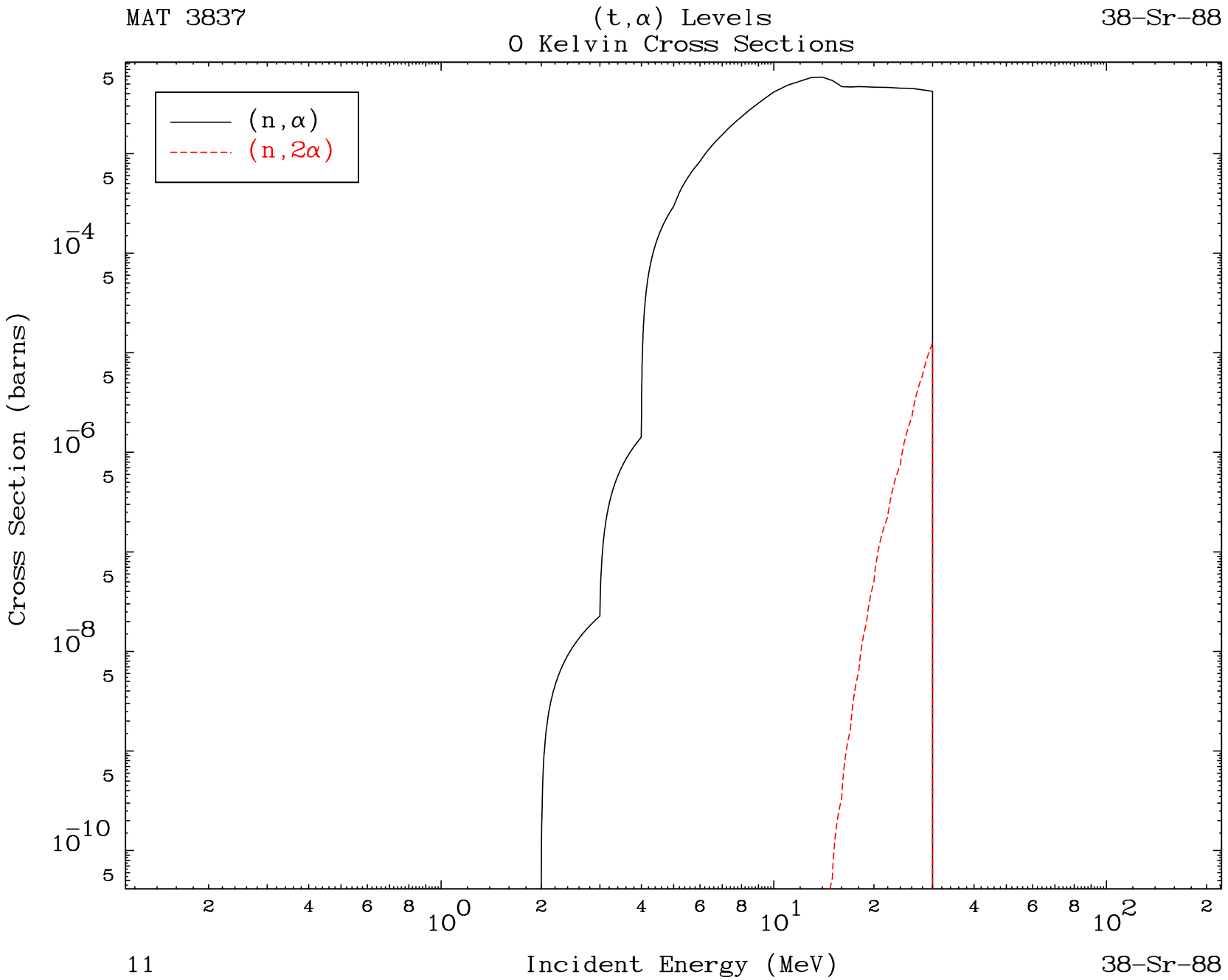

MAT 3837
Triton Charged Particle
0 Kelvin Cross Sections
38-Sr-88
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
38-Sr-88

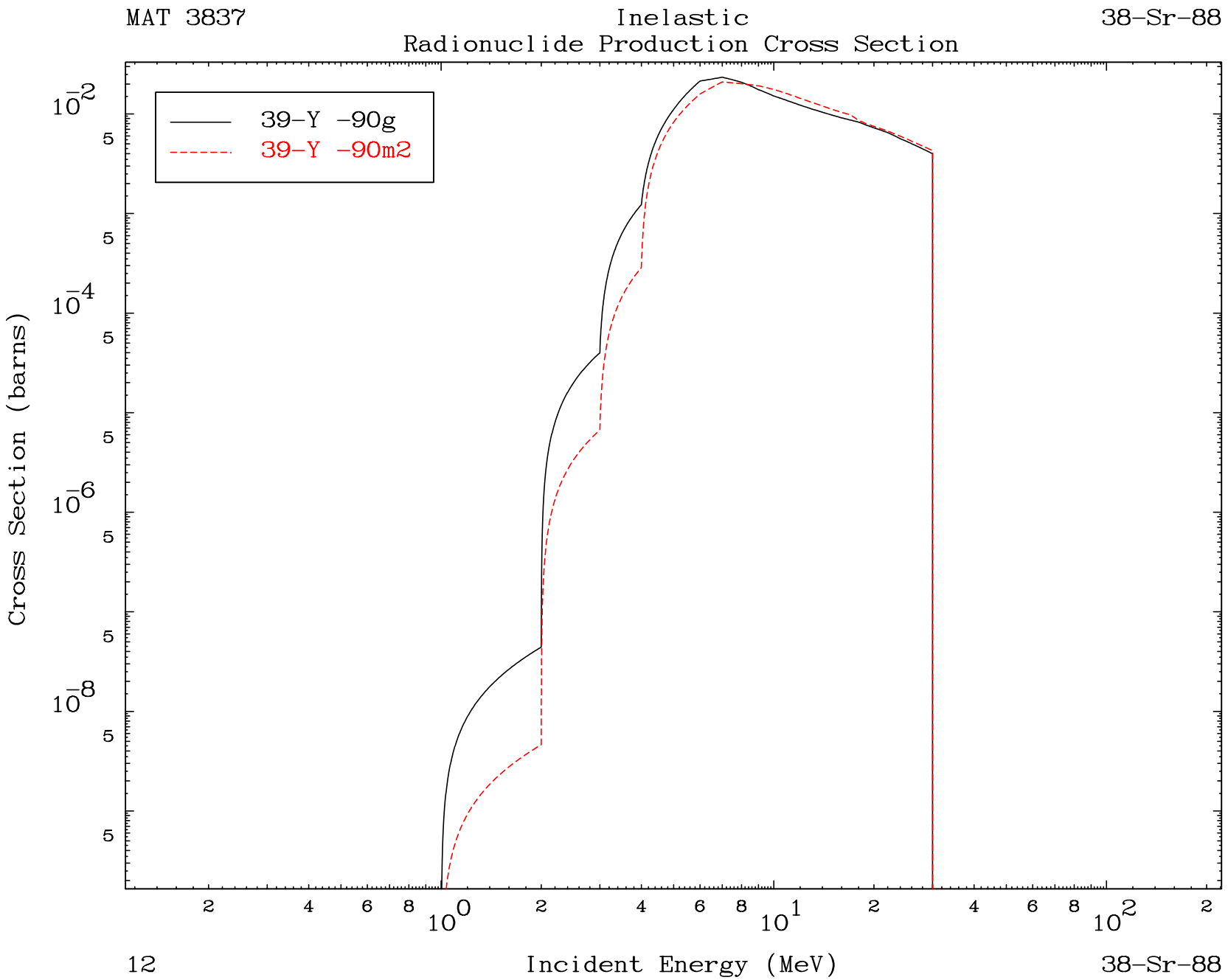

MAT 3837
(t,p) Levels
38-Sr-88
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
7
38-Sr-88

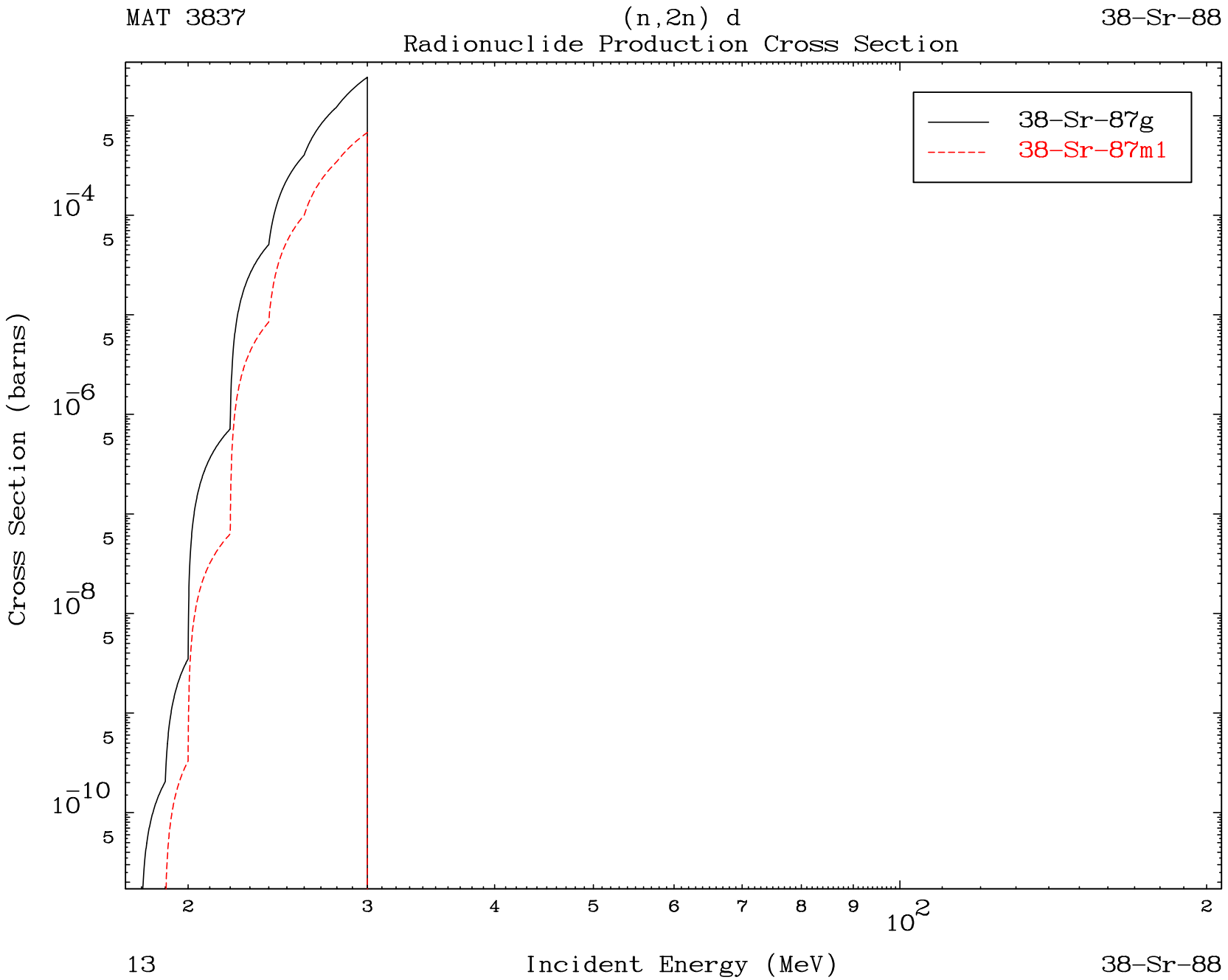

MAT 3837
(t,d) Levels
38-Sr-88
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
8
38-Sr-88

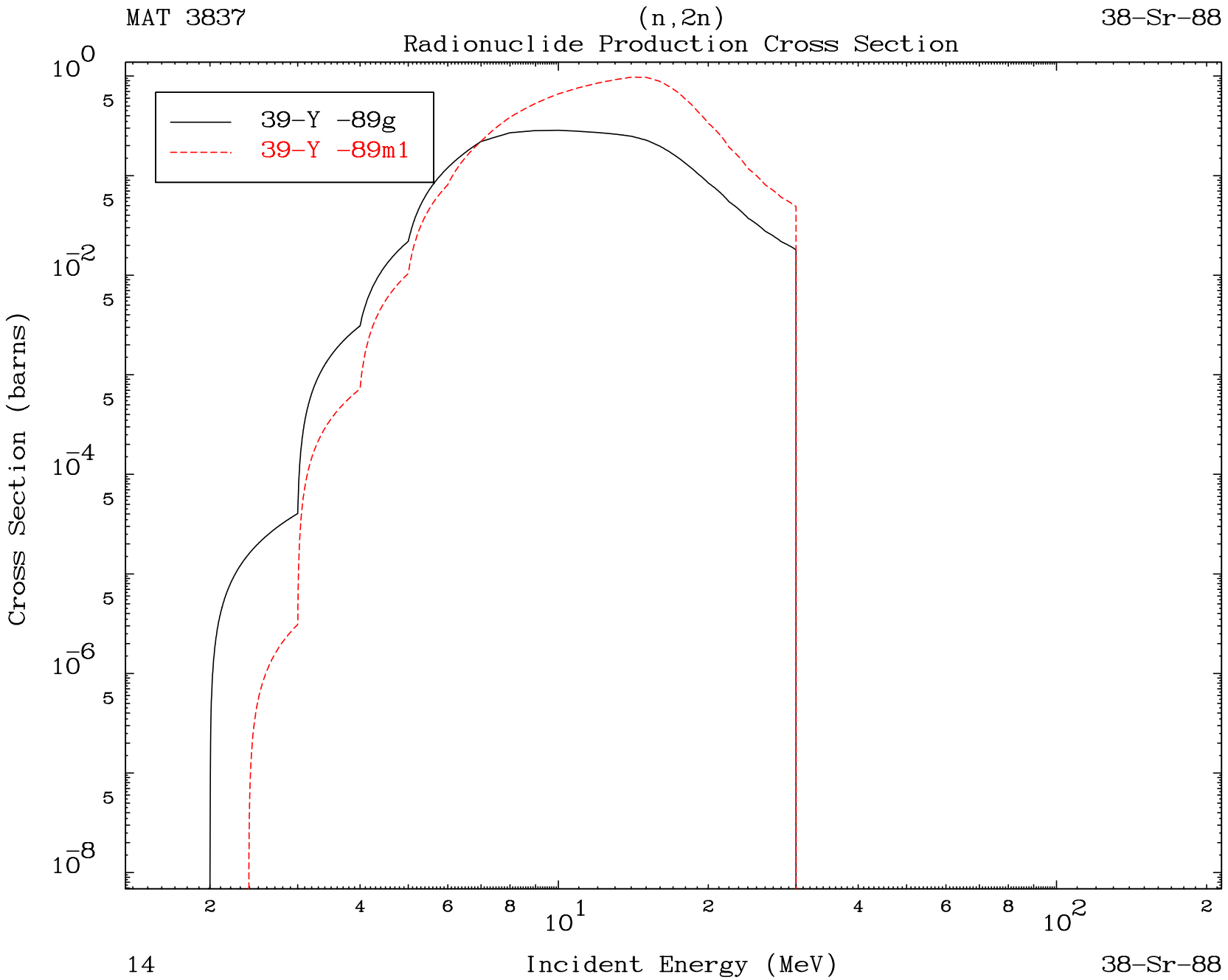

MAT 3837
(t,t) Levels
38-Sr-88
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
10 1
10 2
Incident Energy (MeV)
9
38-Sr-88

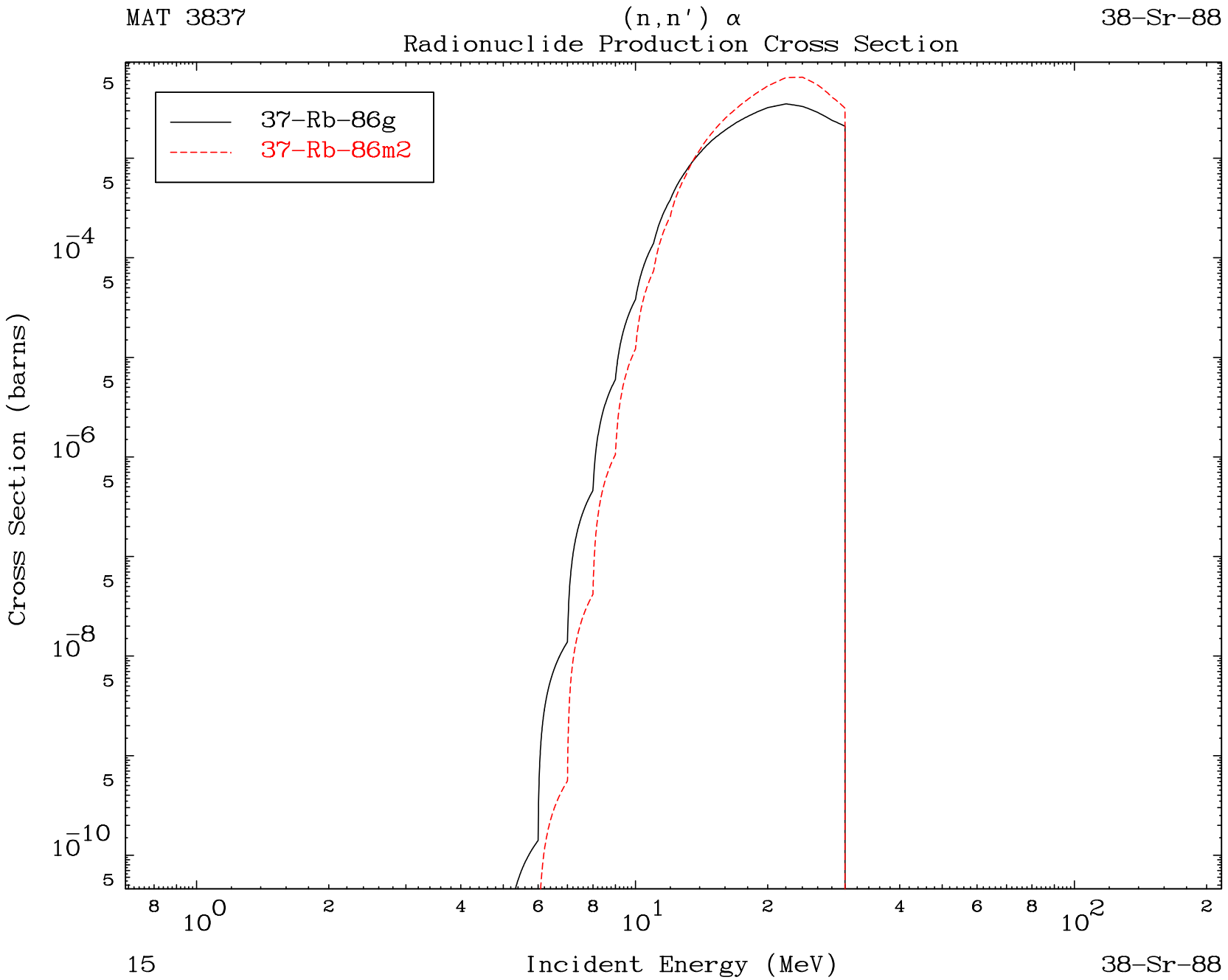

MAT 3837
(t,He3) Levels
38-Sr-88
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
38-Sr-88

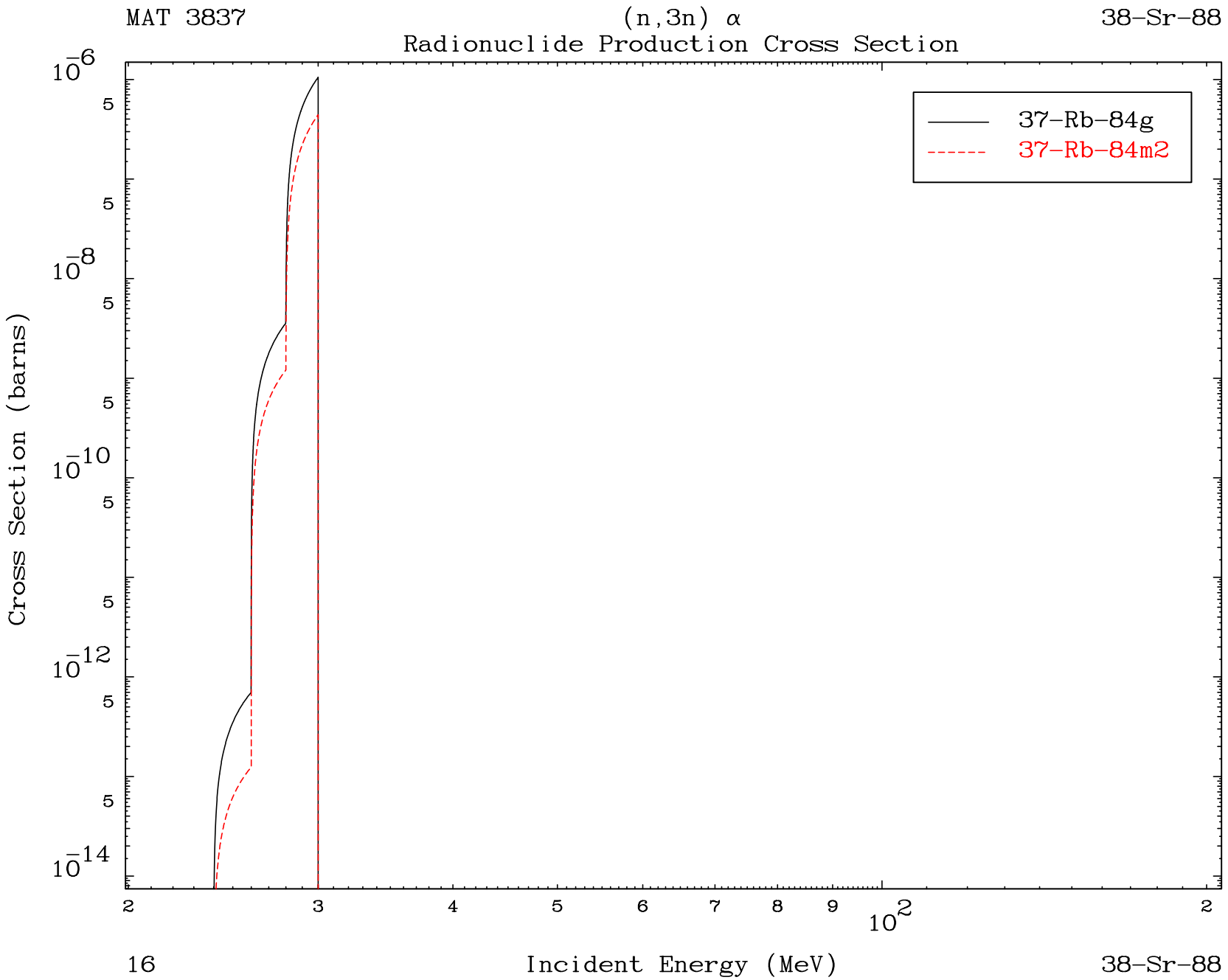

MAT 3837
(t,α) Levels
38-Sr-88
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
38-Sr-88

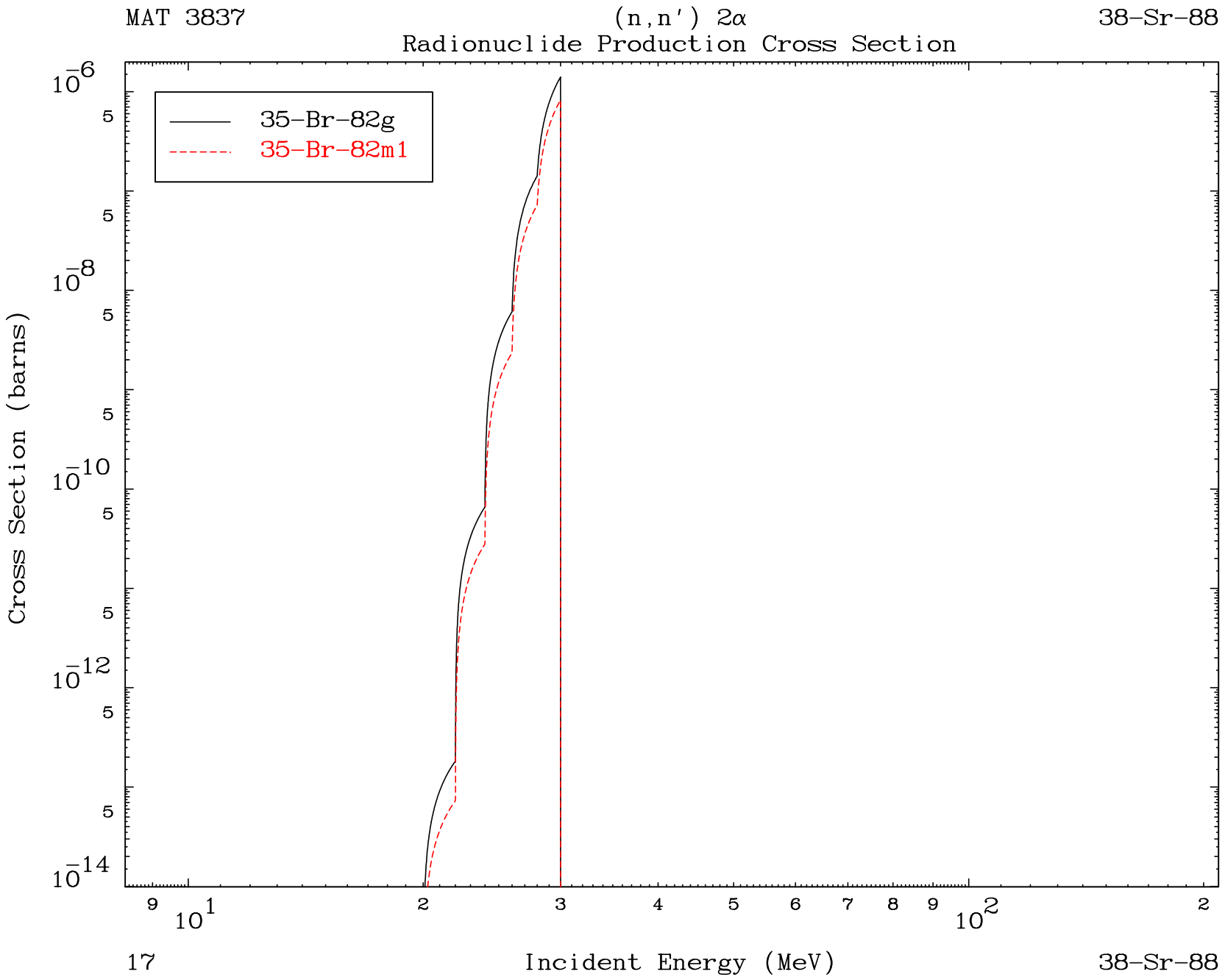

MAT 3837
Inelastic
38-Sr-88
Radionuclide Production Cross Section
39-Y -90g
39-Y -90m2
Cross Section (barns)
Incident Energy (MeV)
12
38-Sr-88

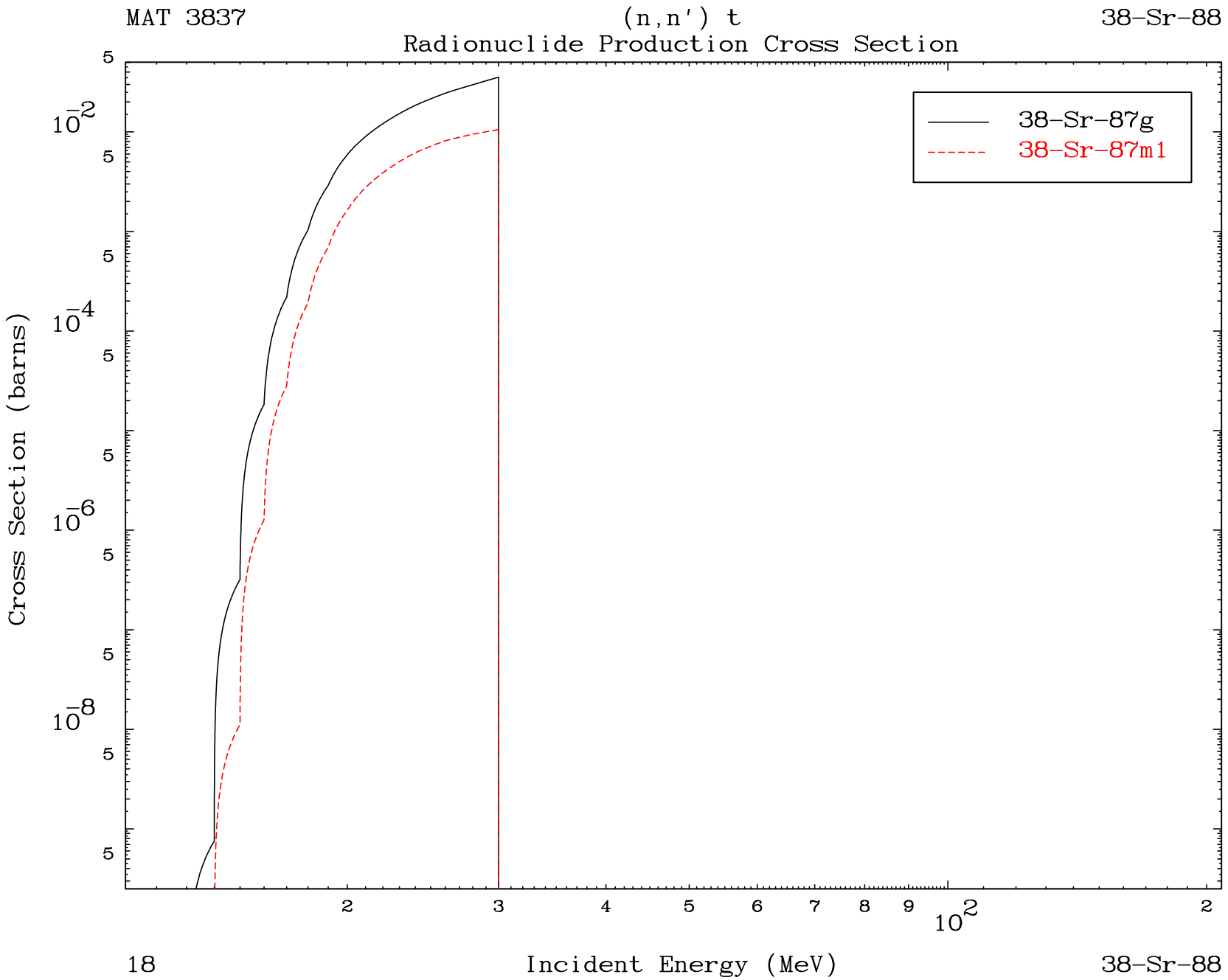

MAT 3837
(n,2n) d
38-Sr-88
Radionuclide Production Cross Section
38-Sr-87g
38-Sr-87m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
38-Sr-88

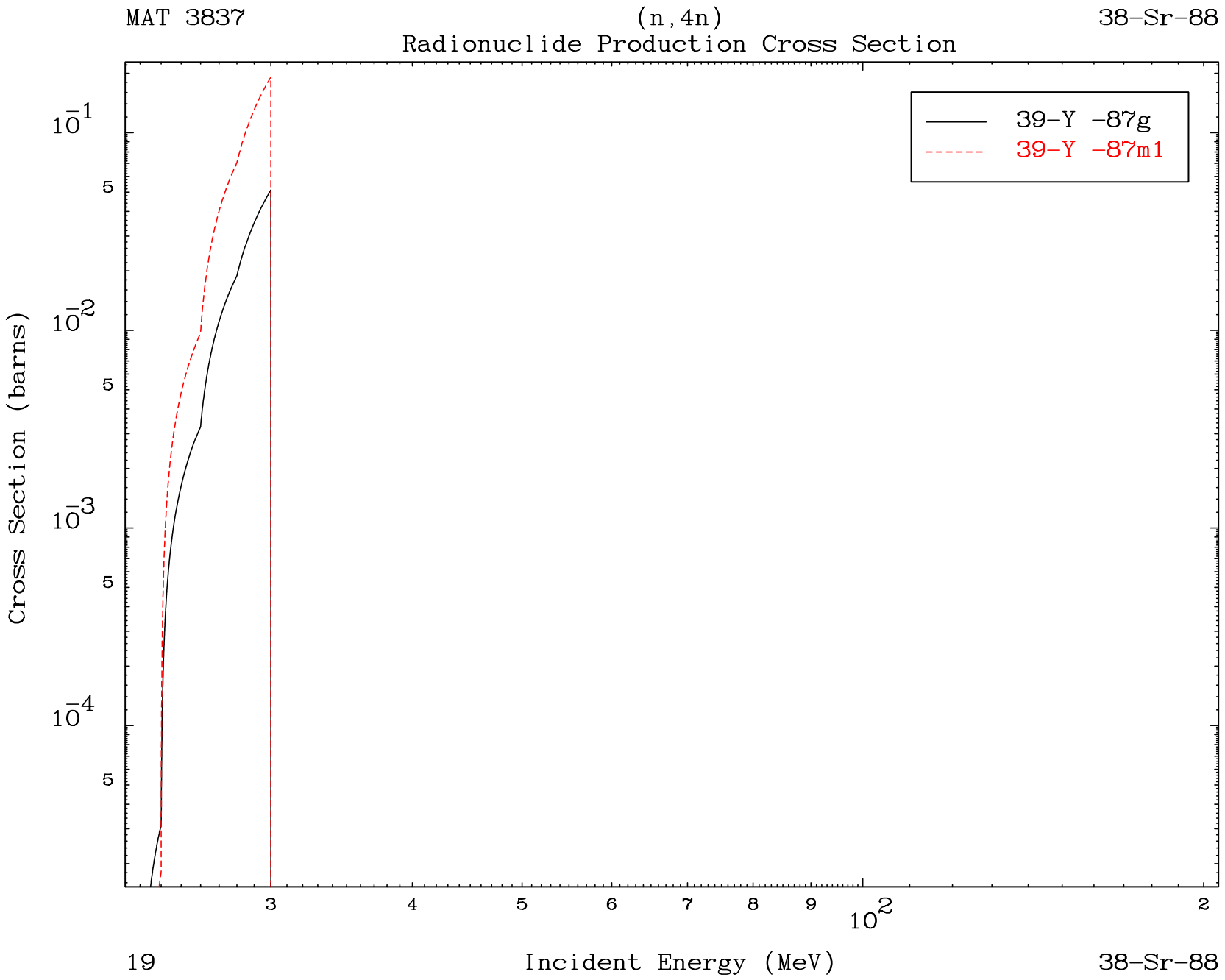

MAT 3837
(n,2n)
38-Sr-88
Radionuclide Production Cross Section
39-Y -89g
39-Y -89m1
Cross Section (barns)
Incident Energy (MeV)
14
38-Sr-88

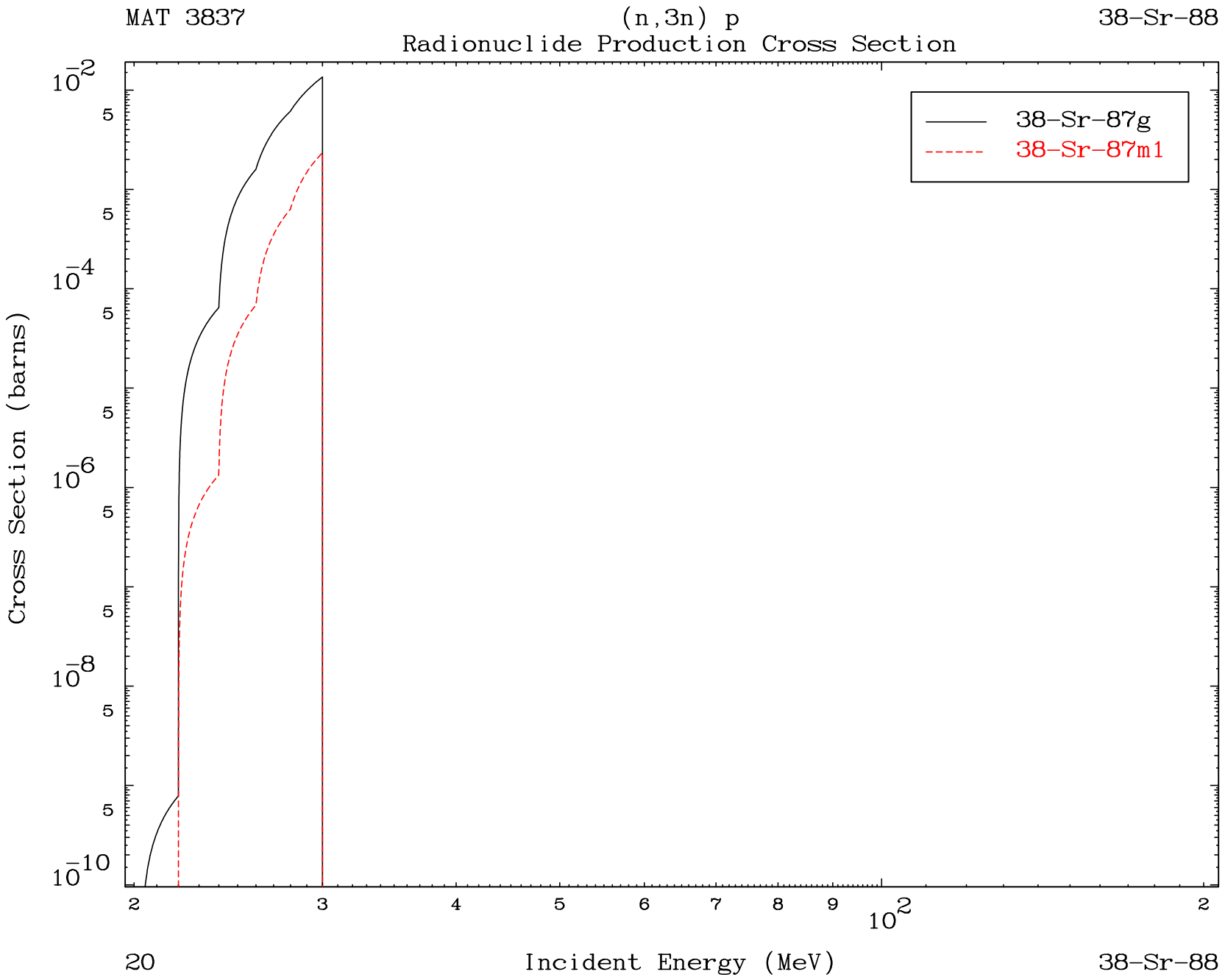

MAT 3837
(n,n') α
38-Sr-88
Radionuclide Production Cross Section
37-Rb-86g
37-Rb-86m2
Cross Section (barns)
Incident Energy (MeV)
15
38-Sr-88

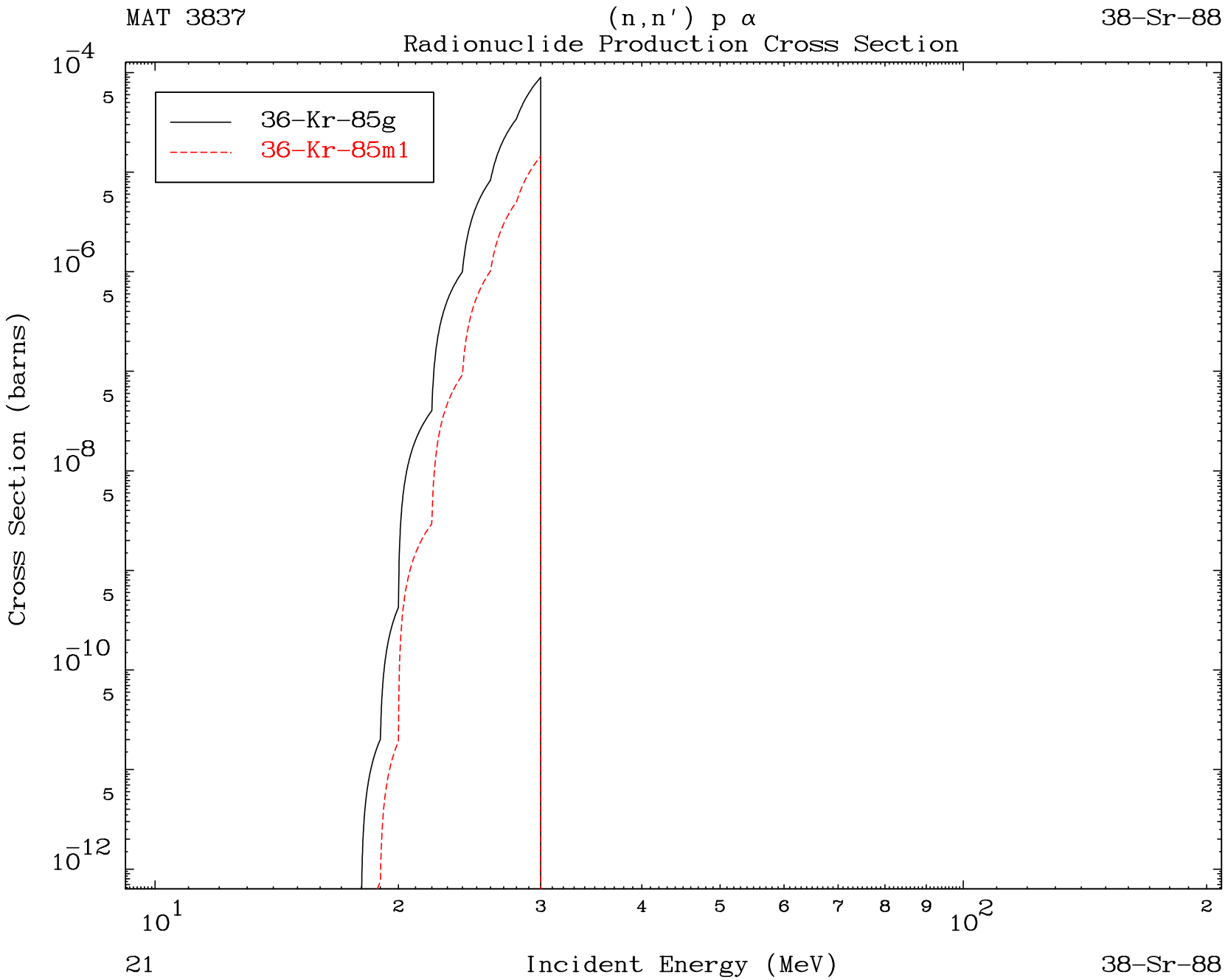

MAT 3837
(n,3n) α
38-Sr-88
Radionuclide Production Cross Section
37-Rb-84g
37-Rb-84m2
Cross Section (barns)
Incident Energy (MeV)
16
38-Sr-88

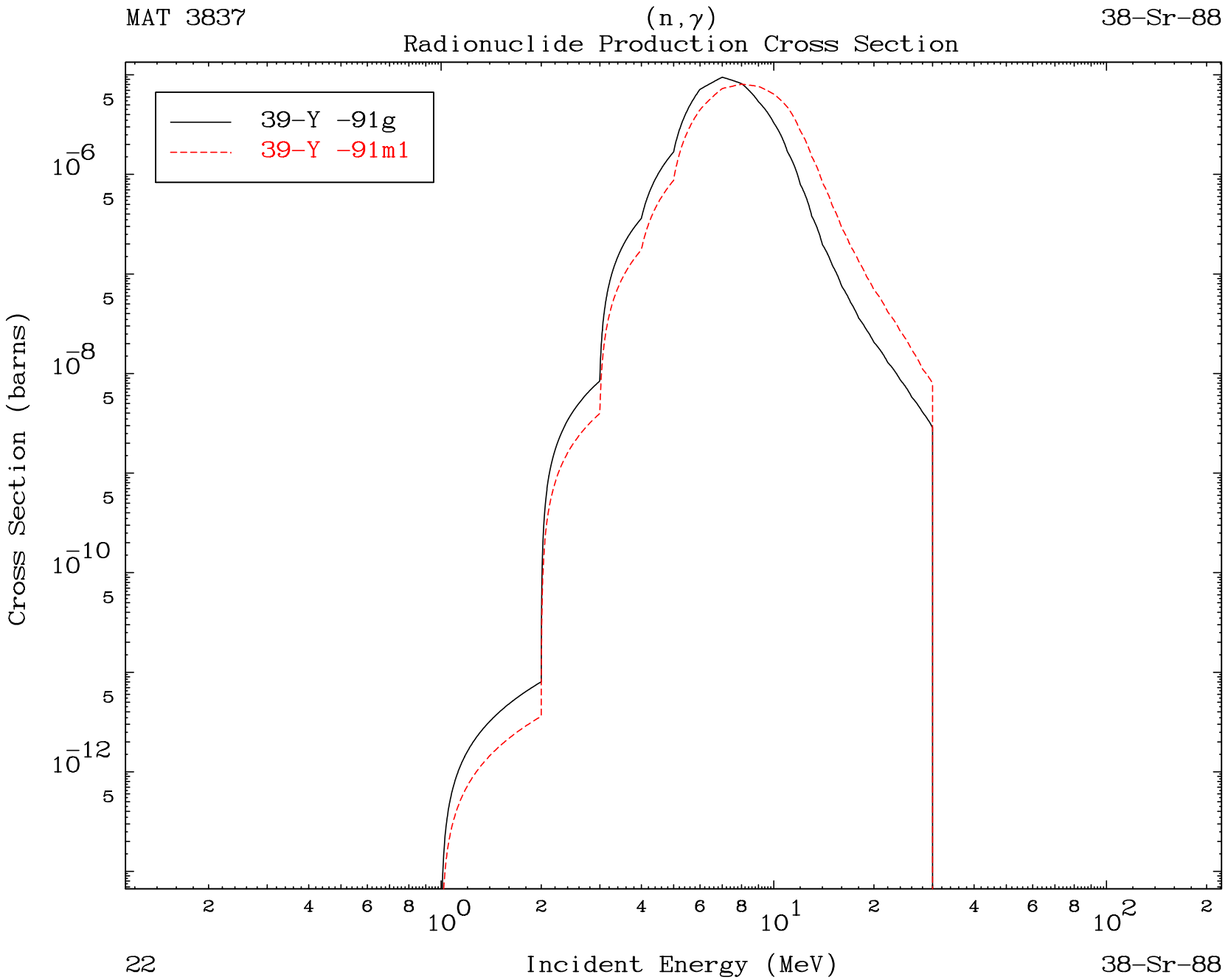

MAT 3837
(n,n') 2α
38-Sr-88
Radionuclide Production Cross Section
35-Br-82g
35-Br-82m1
Cross Section (barns)
Incident Energy (MeV)
17
38-Sr-88

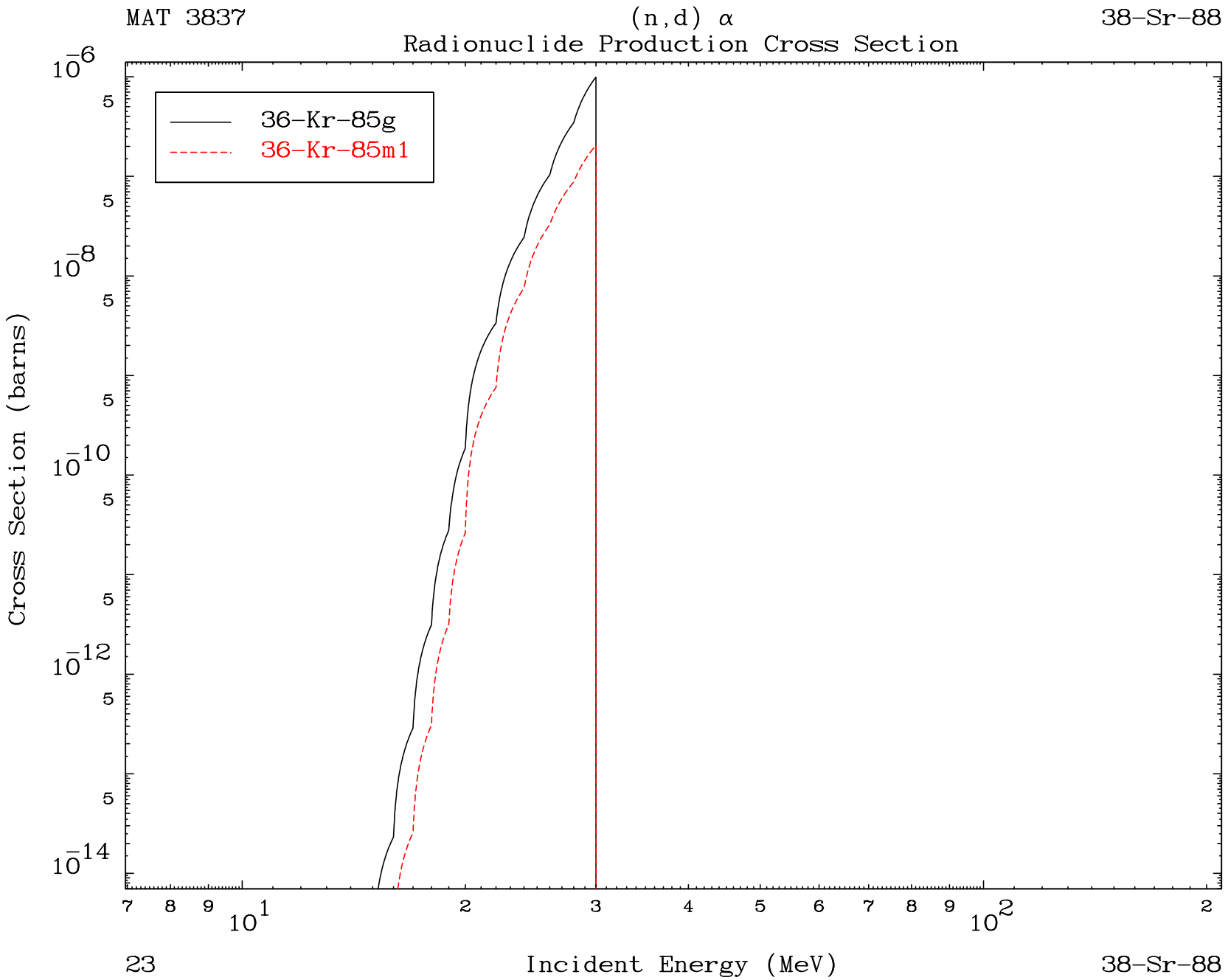

MAT 3837
(n,n') t
38-Sr-88
Radionuclide Production Cross Section
38-Sr-87g
38-Sr-87m1
Cross Section (barns)
Incident Energy (MeV)
18
38-Sr-88


MAT 3837
(n,4n)
38-Sr-88
Radionuclide Production Cross Section
39-Y -87g
39-Y -87m1
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
19
Incident Energy (MeV)
38-Sr-88


MAT 3837
(n,3n) p
38-Sr-88
Radionuclide Production Cross Section
38-Sr-87g
38-Sr-87m1
Cross Section (barns)
Incident Energy (MeV)
20
38-Sr-88


MAT 3837
(n,n') p α
38-Sr-88
Radionuclide Production Cross Section
36-Kr-85g
36-Kr-85m1
Cross Section (barns)
10-4
10-6
10-8
10-10
10-12
5
101
2
3
4
5
6
7
8
9
102
2
21
Incident Energy (MeV)
38-Sr-88


MAT 3837
(n,γ)
38-Sr-88
Radionuclide Production Cross Section
39-Y -91g
39-Y -91m1
Cross Section (barns)
10-6
10-8
10-10
10-12
100
101
102
Incident Energy (MeV)
22
38-Sr-88


MAT 3837
(n,d) α
38-Sr-88
Radionuclide Production Cross Section
36-Kr-85g
36-Kr-85m1
Cross Section (barns)
Incident Energy (MeV)
23
38-Sr-88