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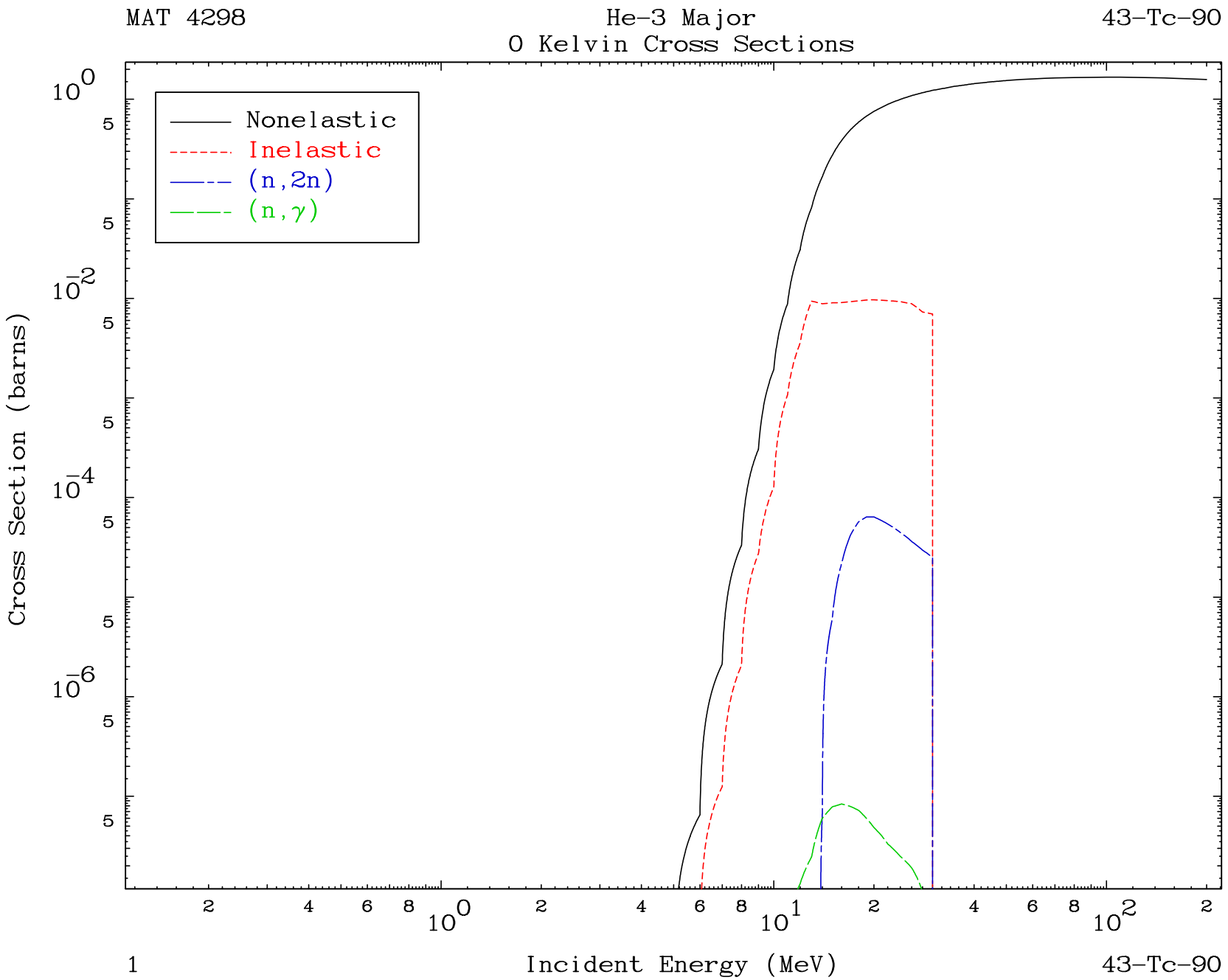
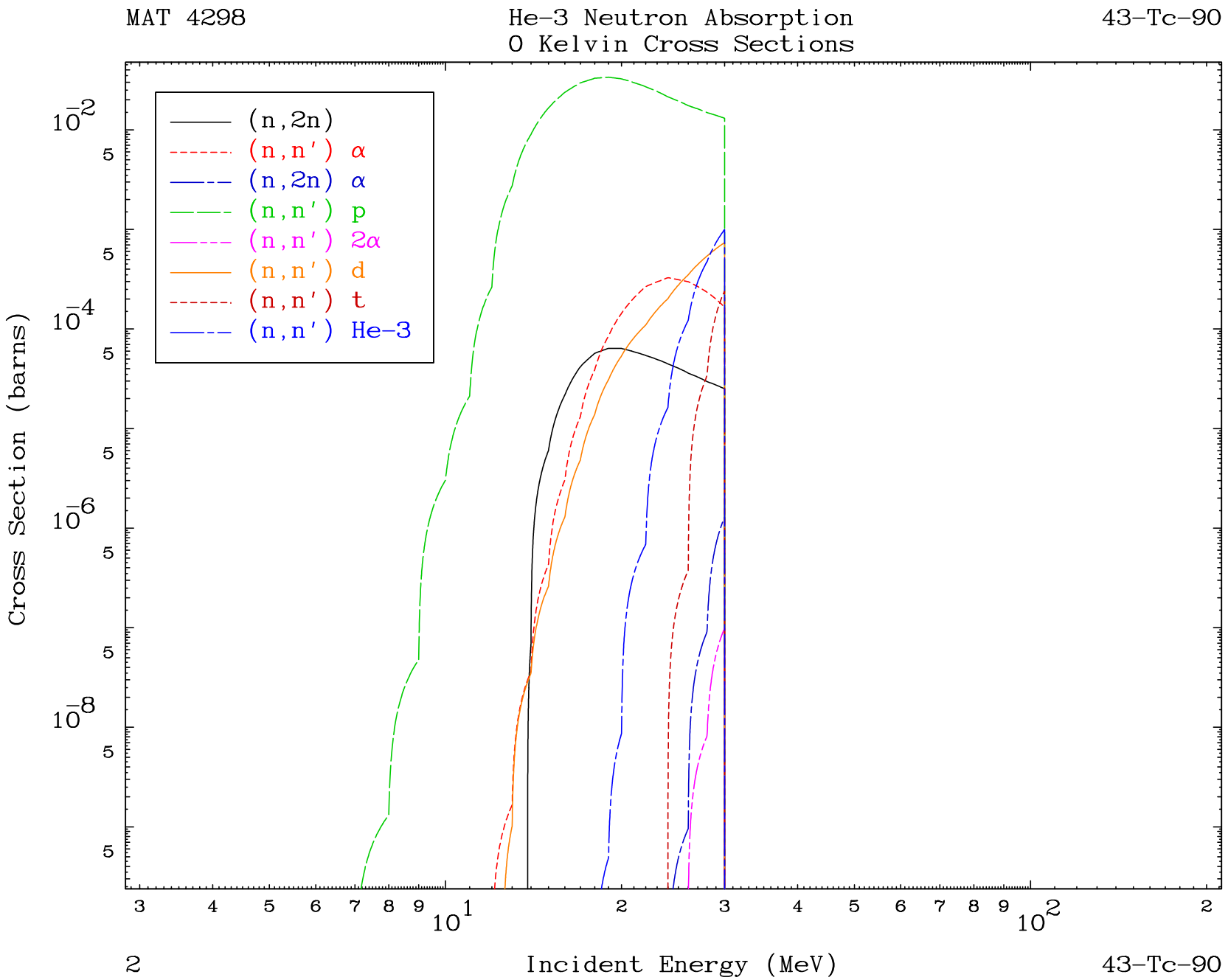
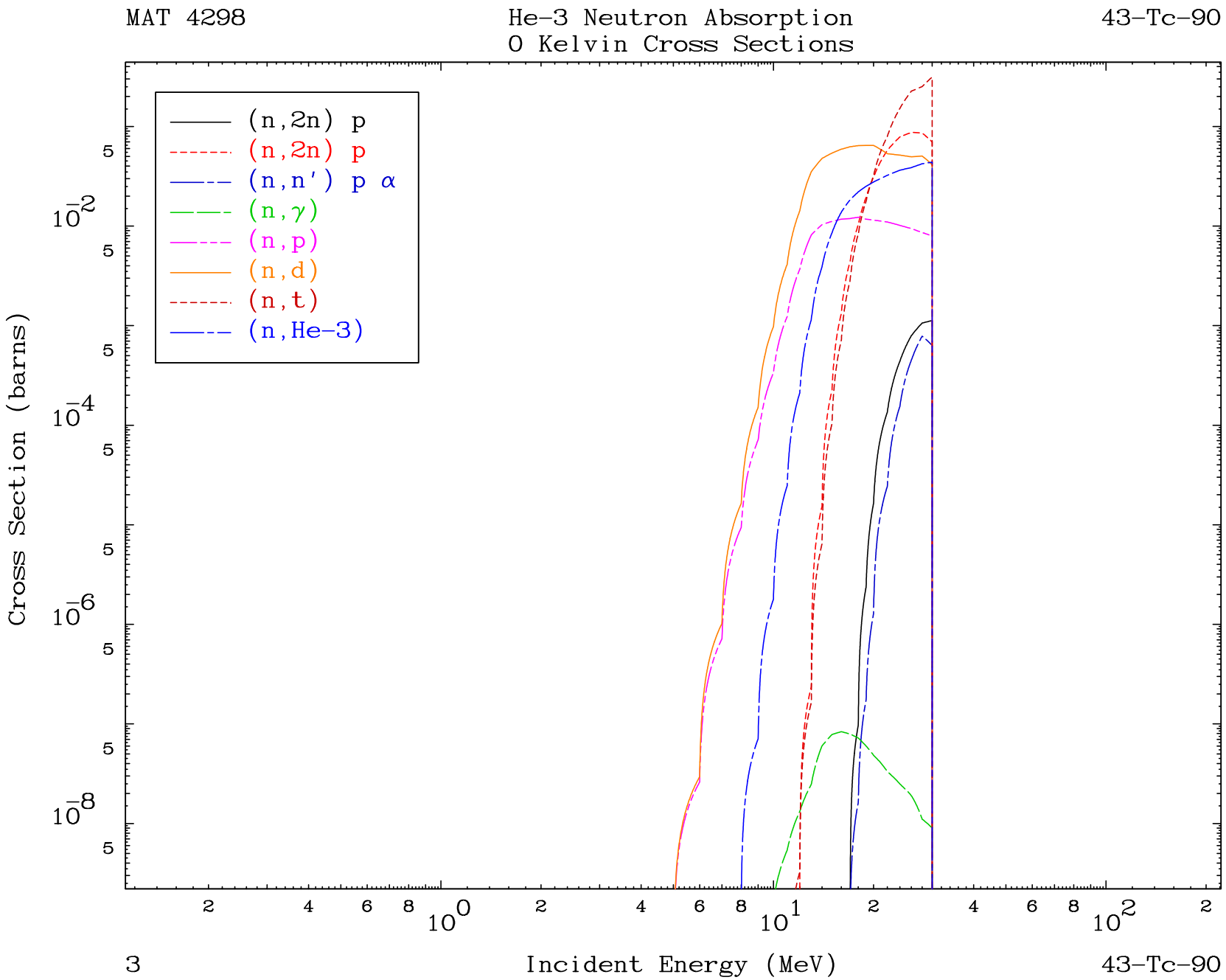
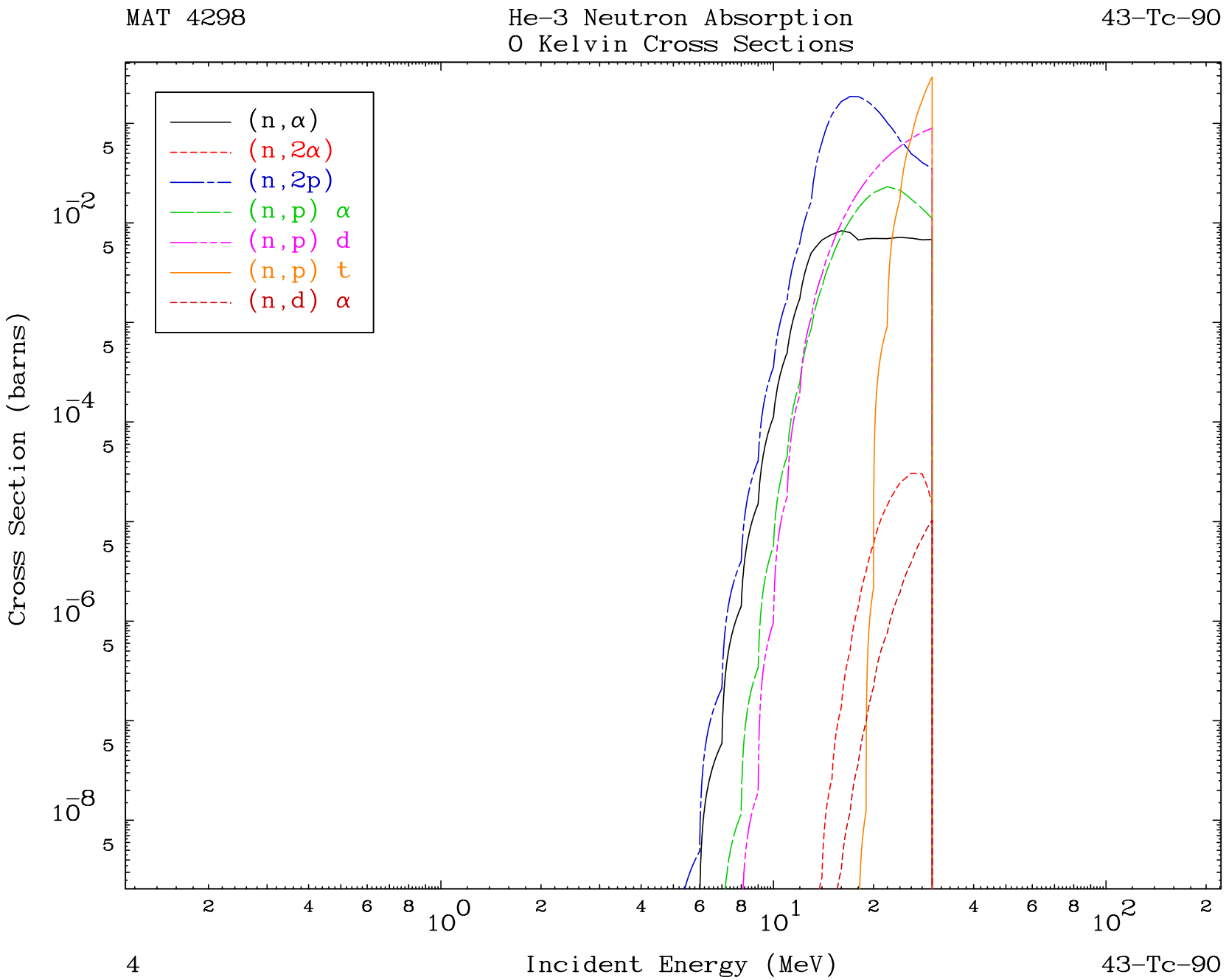
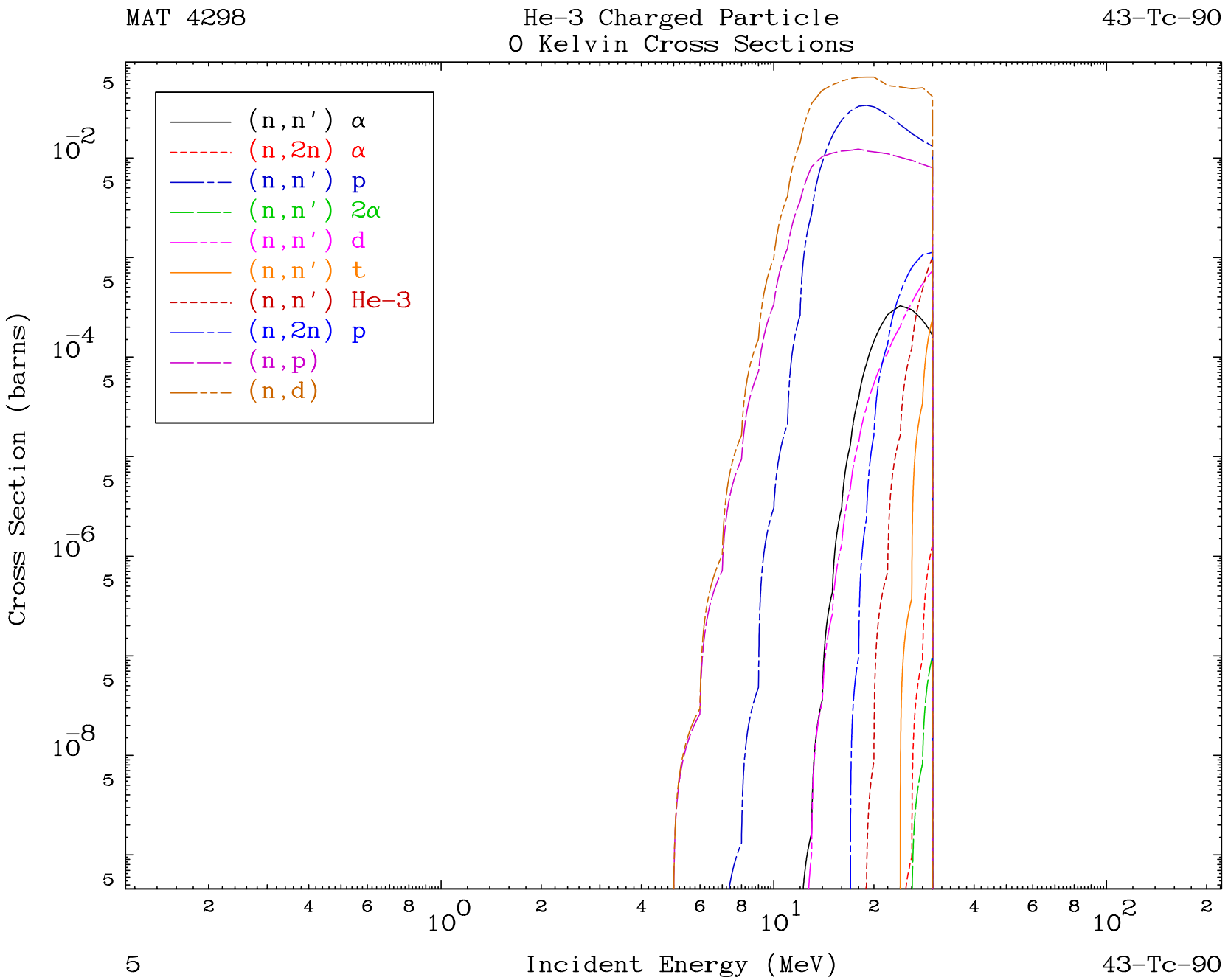
Press Mouse Button to Start

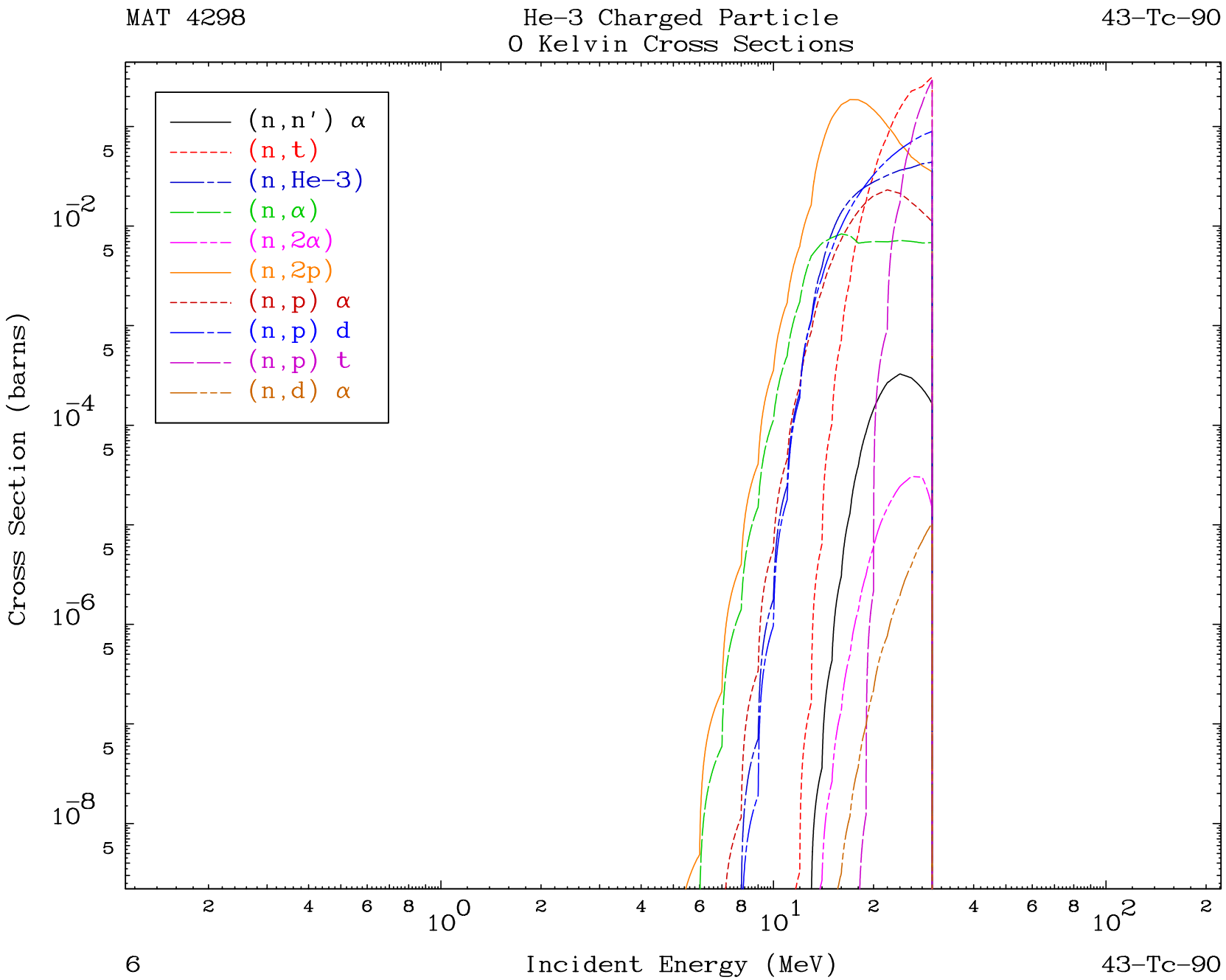

MAT 4298
He-3 Major
43-Tc-90
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
43-Tc-90

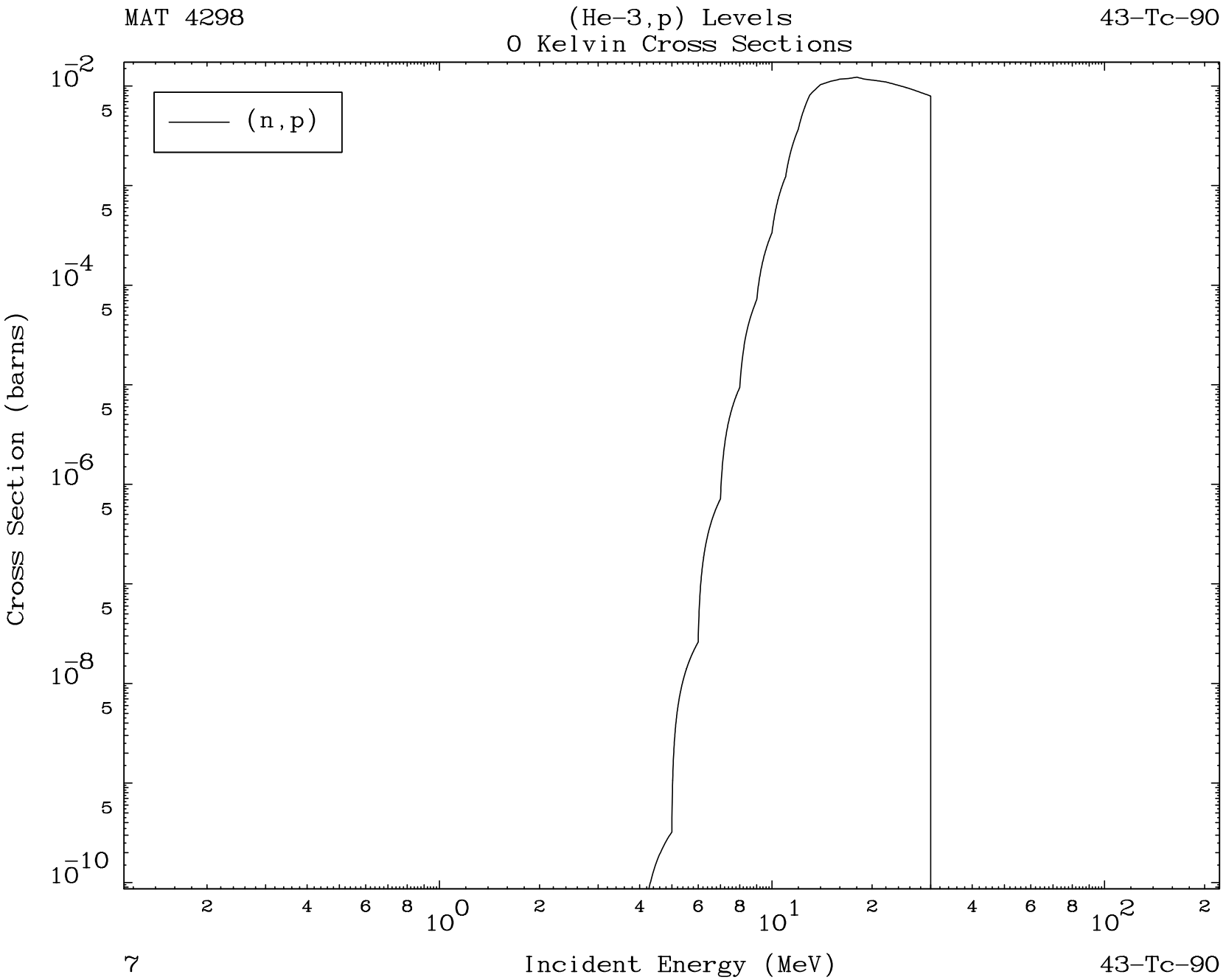

MAT 4298
He-3 Neutron Absorption
0 Kelvin Cross Sections
43-Tc-90
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
43-Tc-90
2

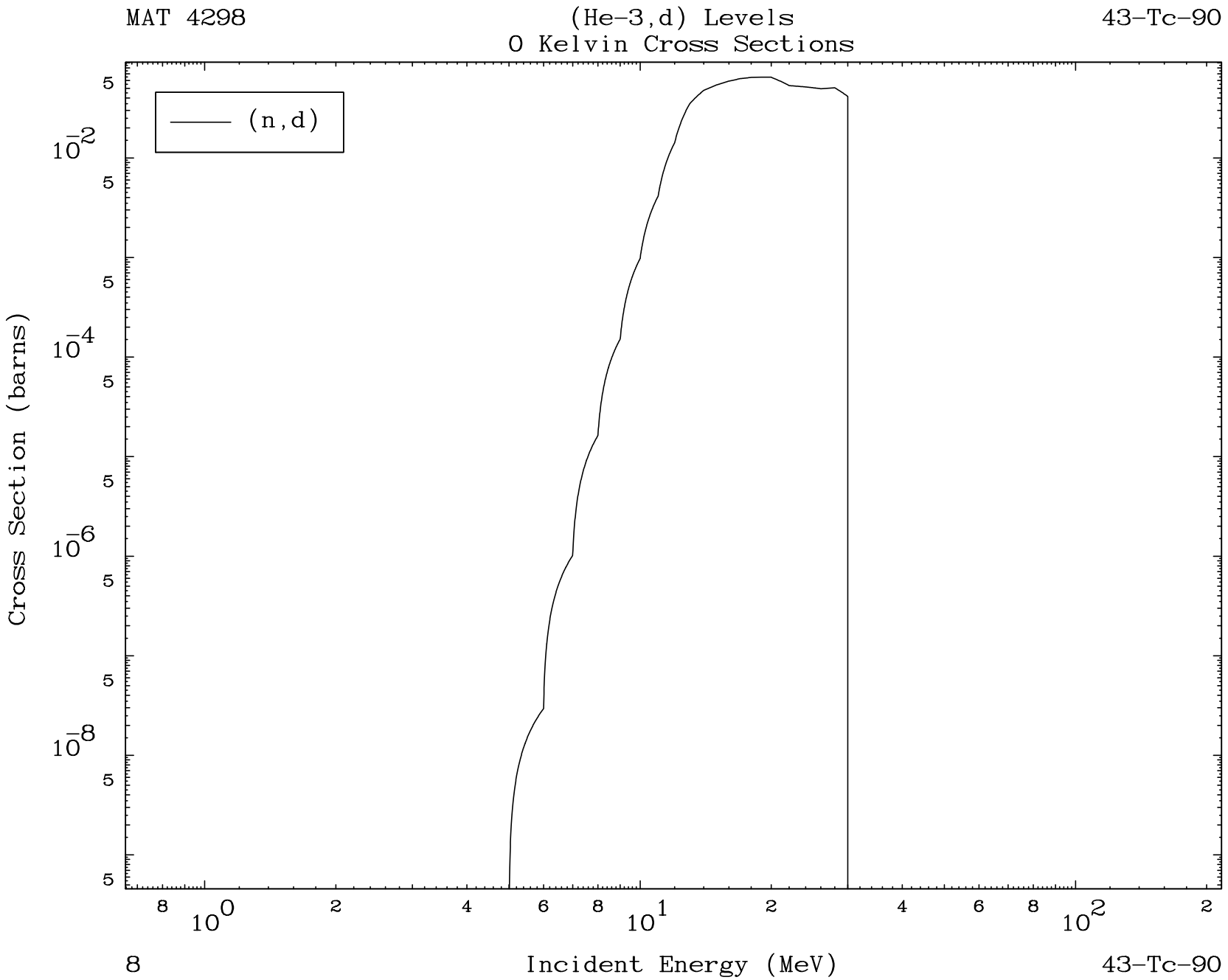

MAT 4298
He-3 Neutron Absorption
0 Kelvin Cross Sections
43-Tc-90
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
43-Tc-90

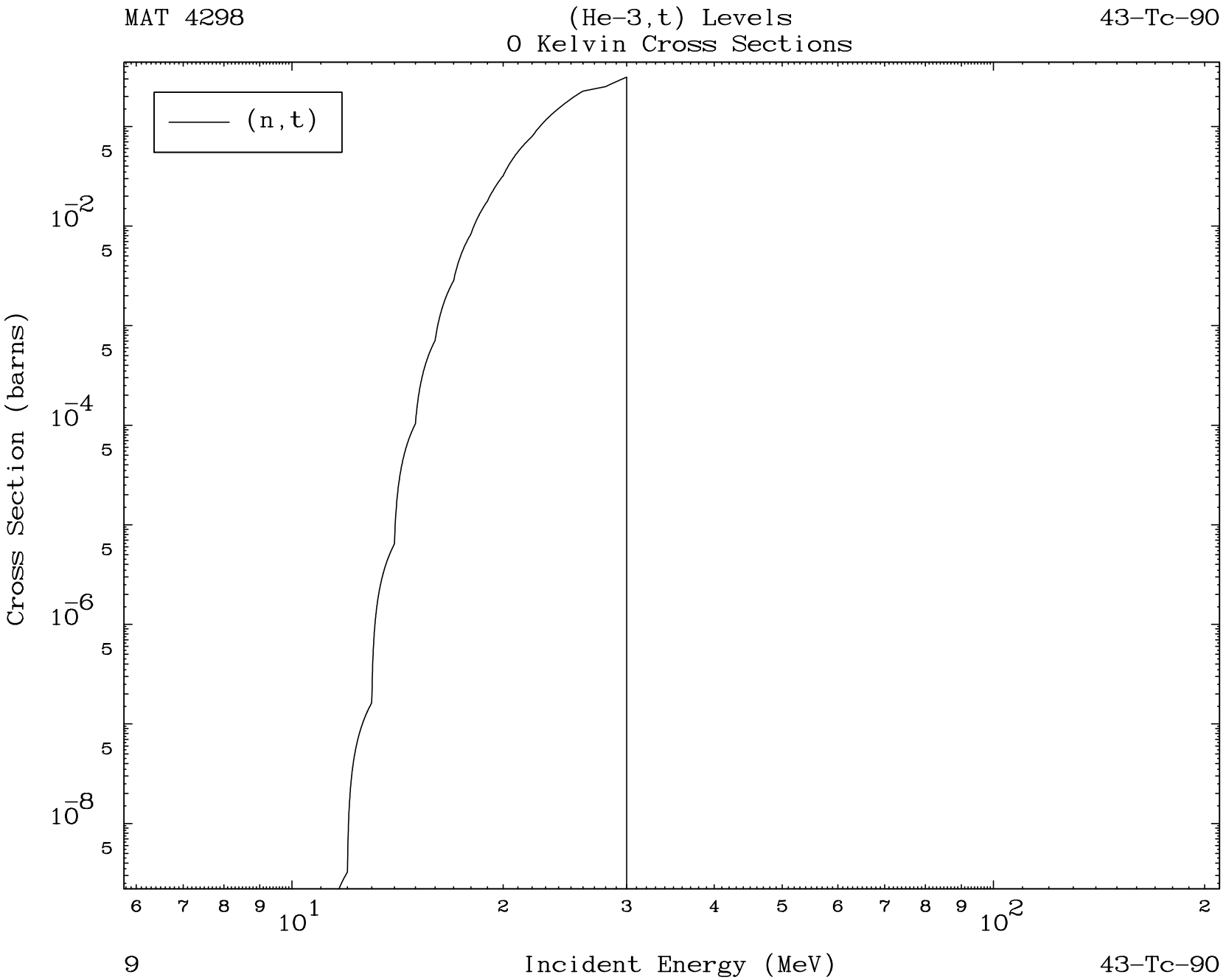

MAT 4298
He-3 Neutron Absorption
0 Kelvin Cross Sections
43-Tc-90
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
43-Tc-90

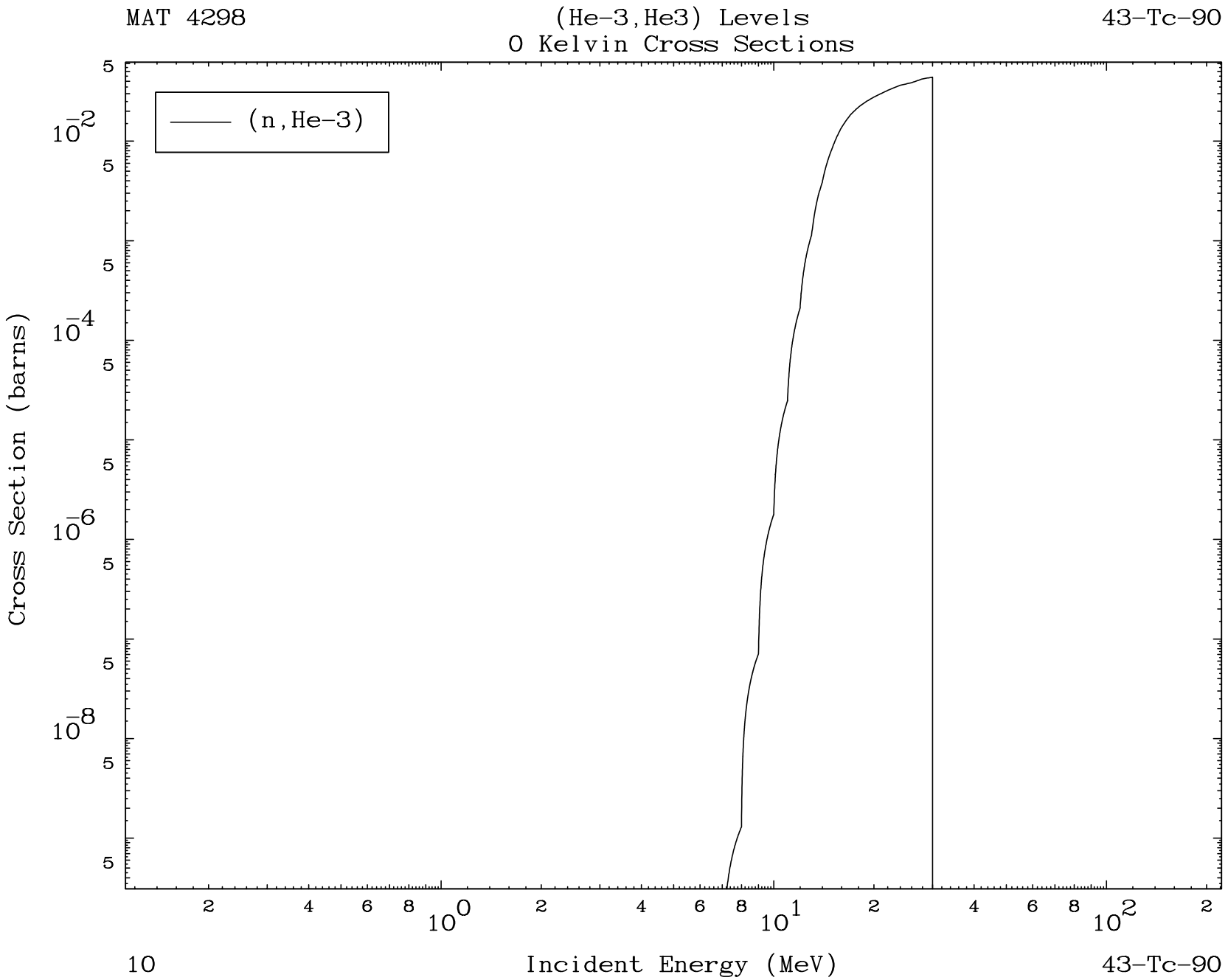

MAT 4298
He-3 Charged Particle
0 Kelvin Cross Sections
43-Tc-90
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
43-Tc-90

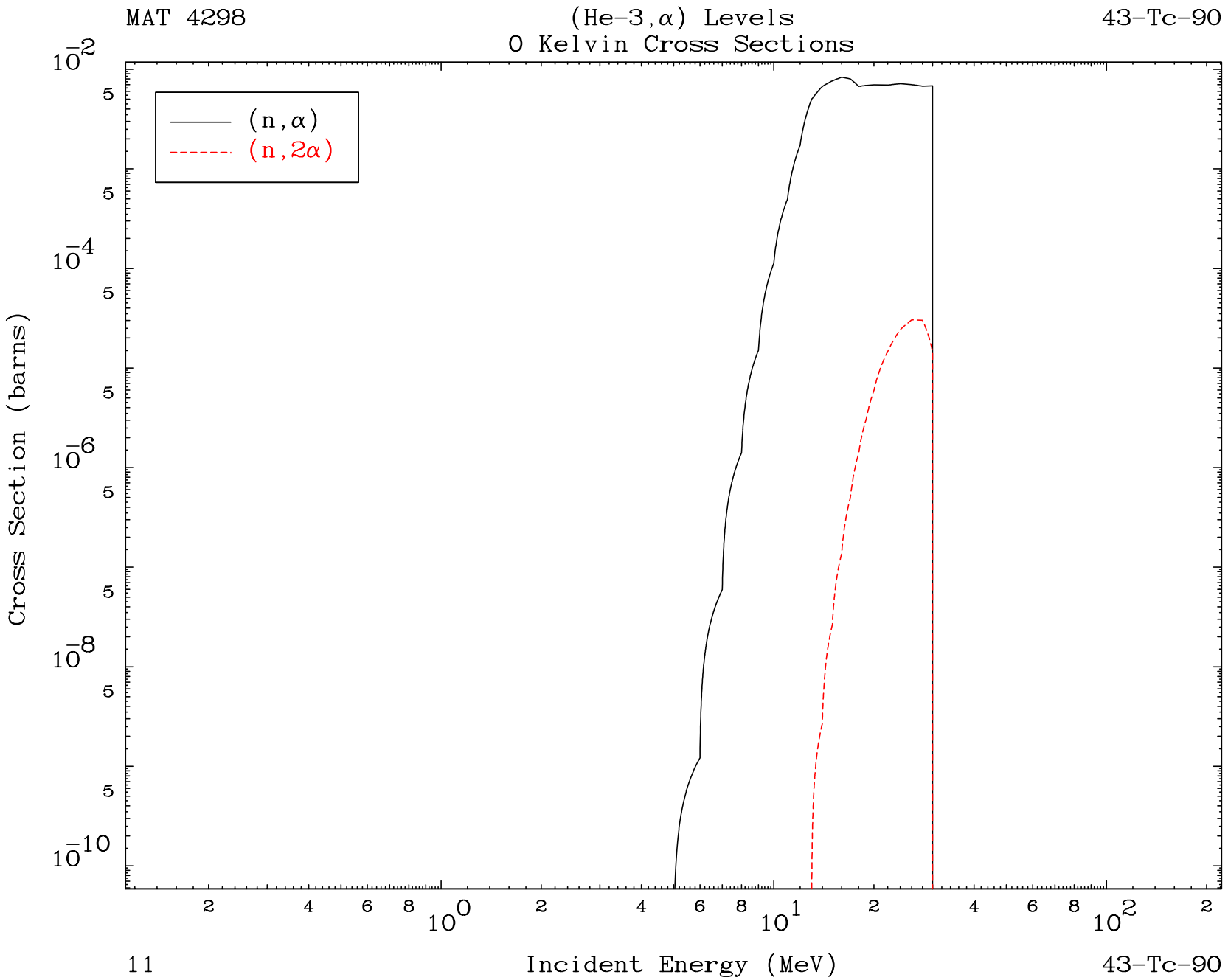

MAT 4298
He-3 Charged Particle
0 Kelvin Cross Sections
43-Tc-90
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
43-Tc-90

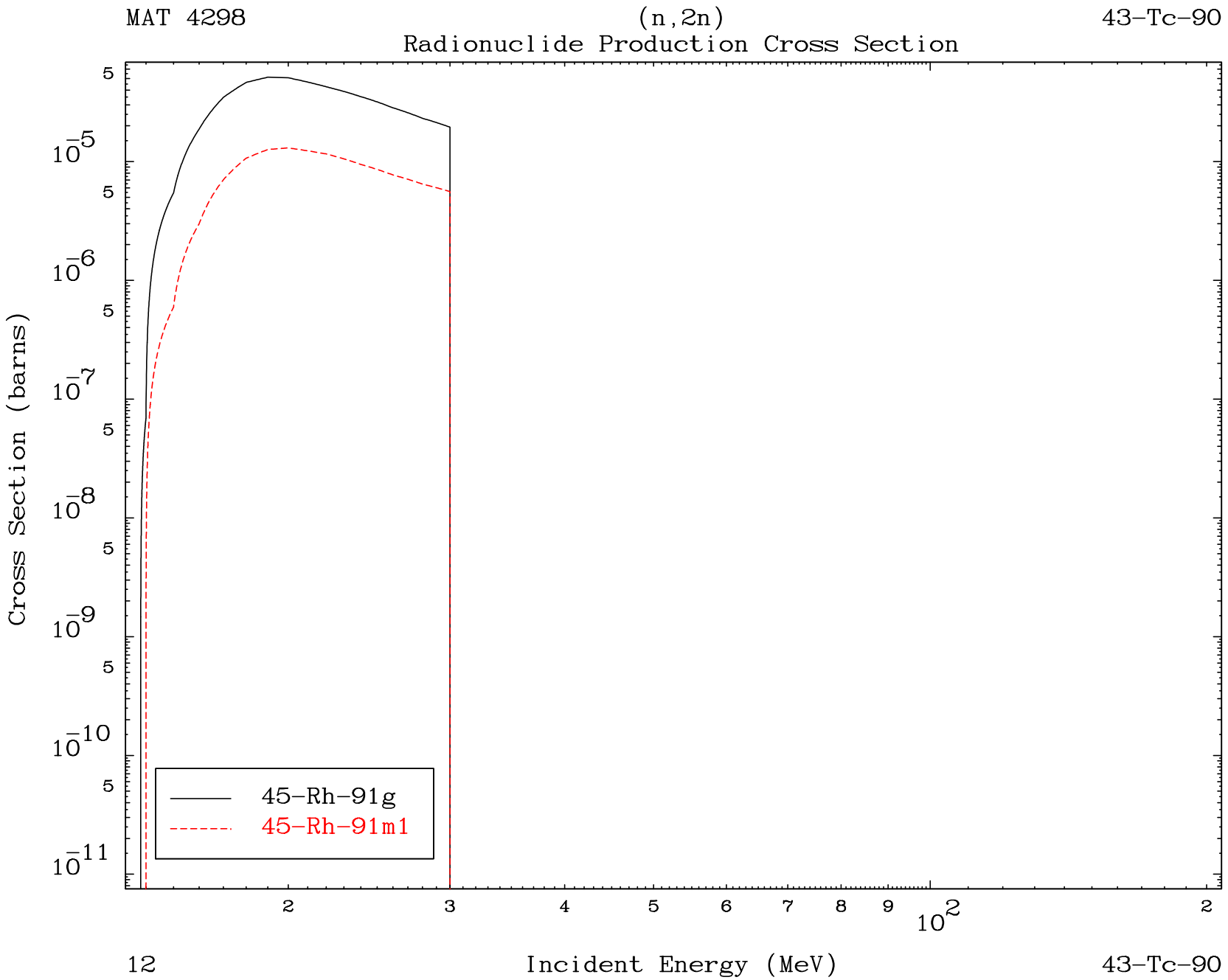

MAT 4298
(He-3,p) Levels
43-Tc-90
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
43-Tc-90

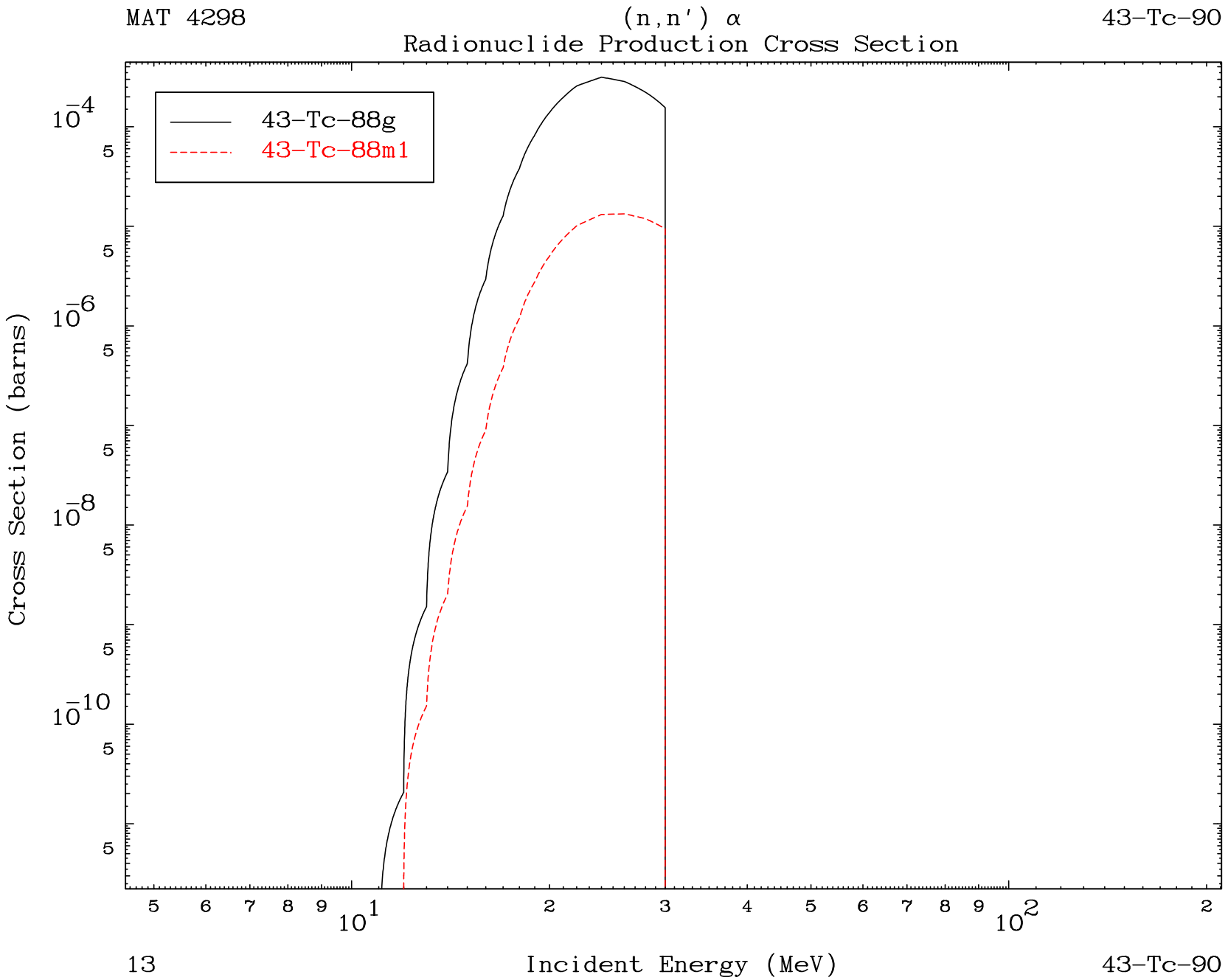

MAT 4298
(He-3,d) Levels
43-Tc-90
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
43-Tc-90
8

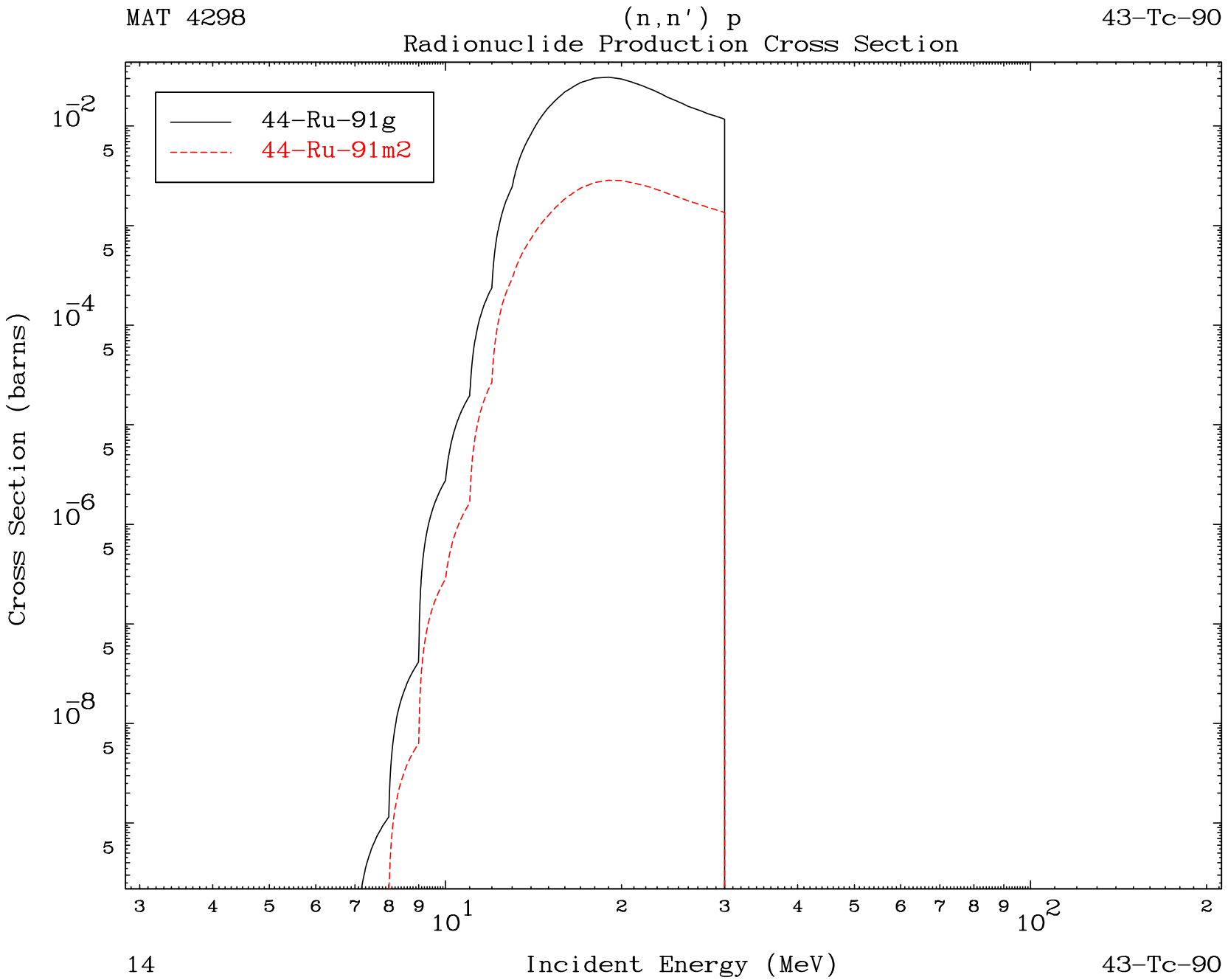

MAT 4298
(He-3,t) Levels
43-Tc-90
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
9
43-Tc-90

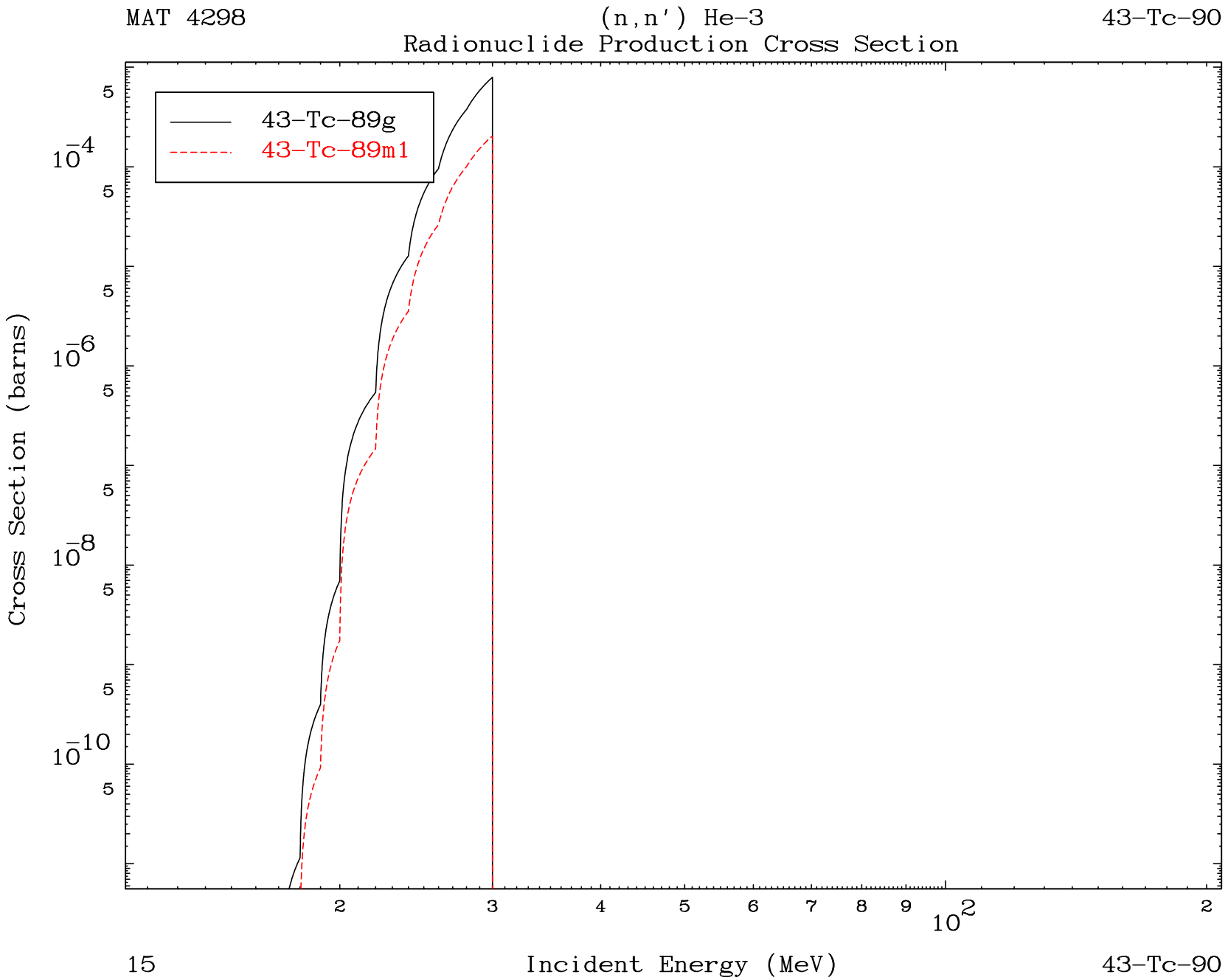

MAT 4298
(He-3,He3) Levels
43-Tc-90
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
43-Tc-90

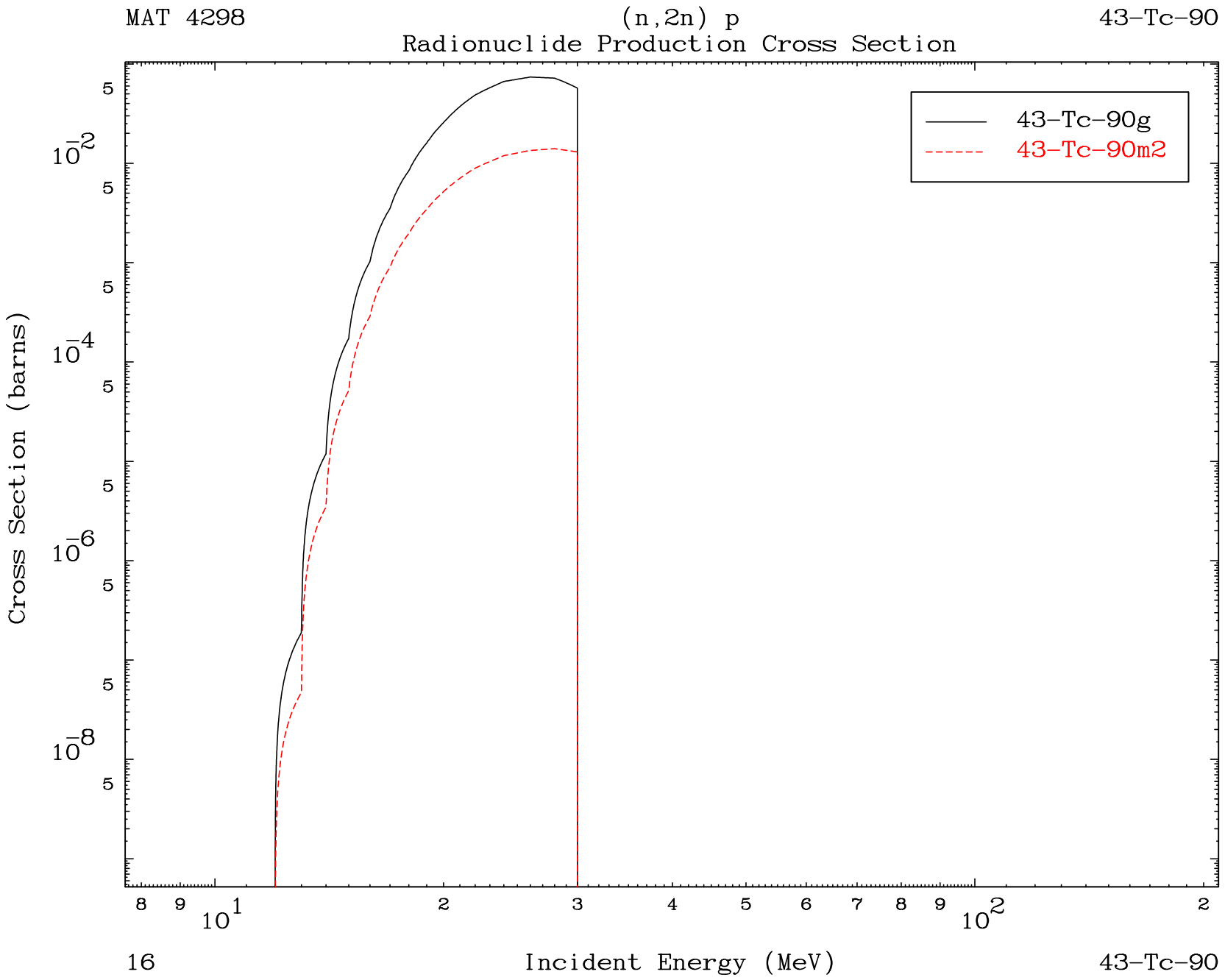

MAT 4298
(He-3,α) Levels
0 Kelvin Cross Sections
43-Tc-90
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
43-Tc-90

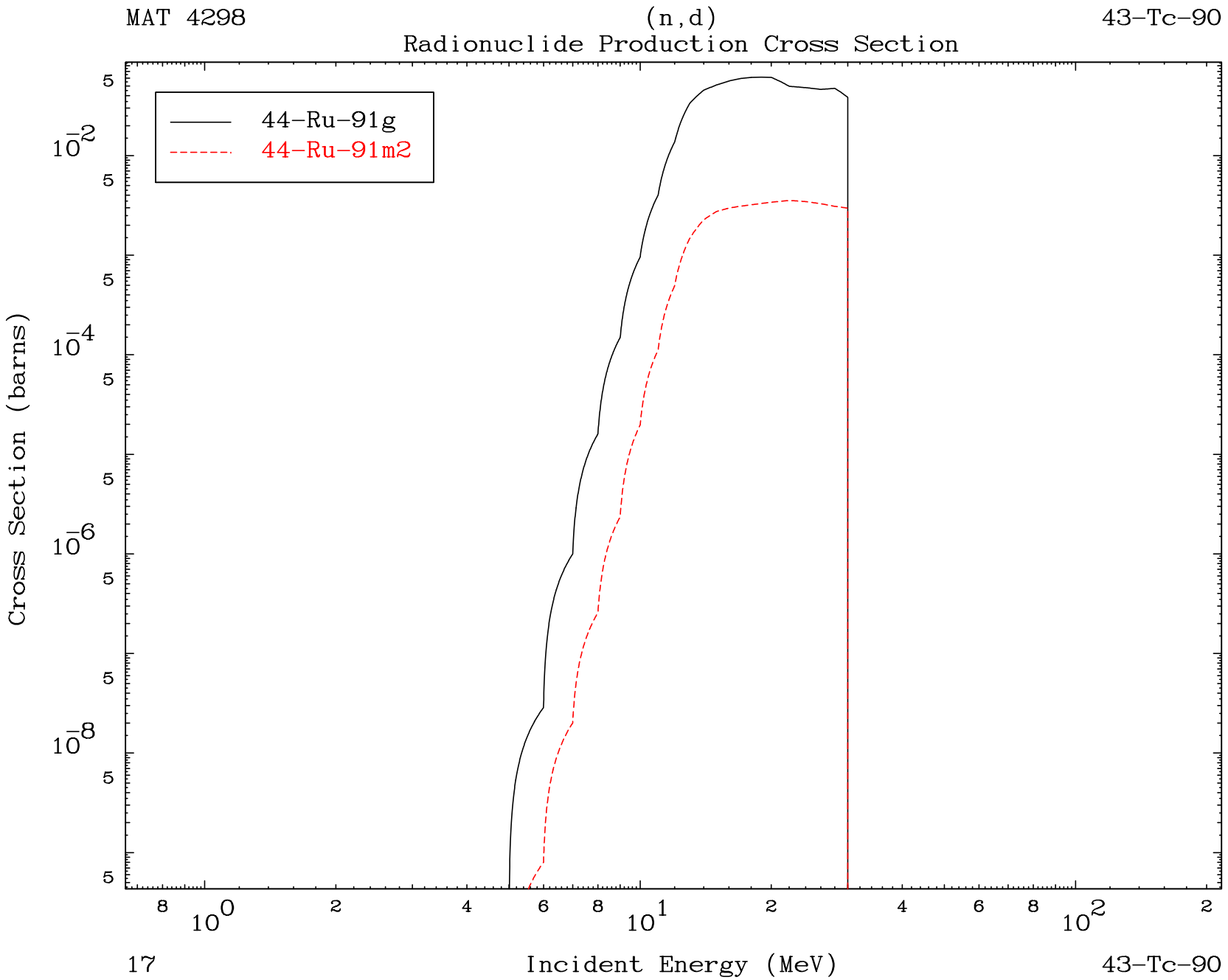

MAT 4298
(n,2n)
43-Tc-90
Radionuclide Production Cross Section
Cross Section (barns)
10^-5
10^-6
10^-7
10^-8
10^-9
10^-10
10^-11
45-Rh-91g
45-Rh-91m1
2
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
43-Tc-90

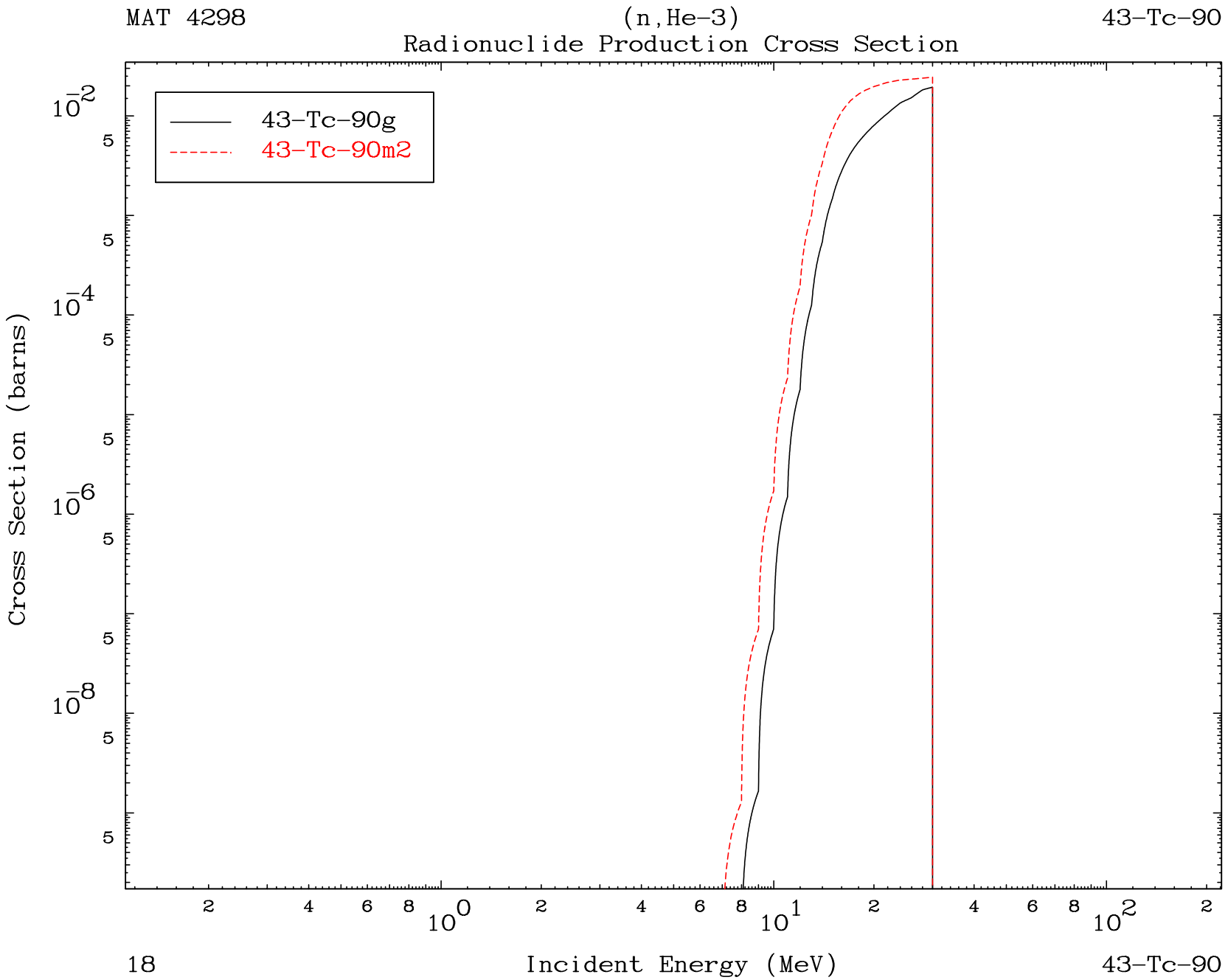

MAT 4298
(n,n') α
43-Tc-90
Radionuclide Production Cross Section
43-Tc-88g
43-Tc-88m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^1
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
43-Tc-90

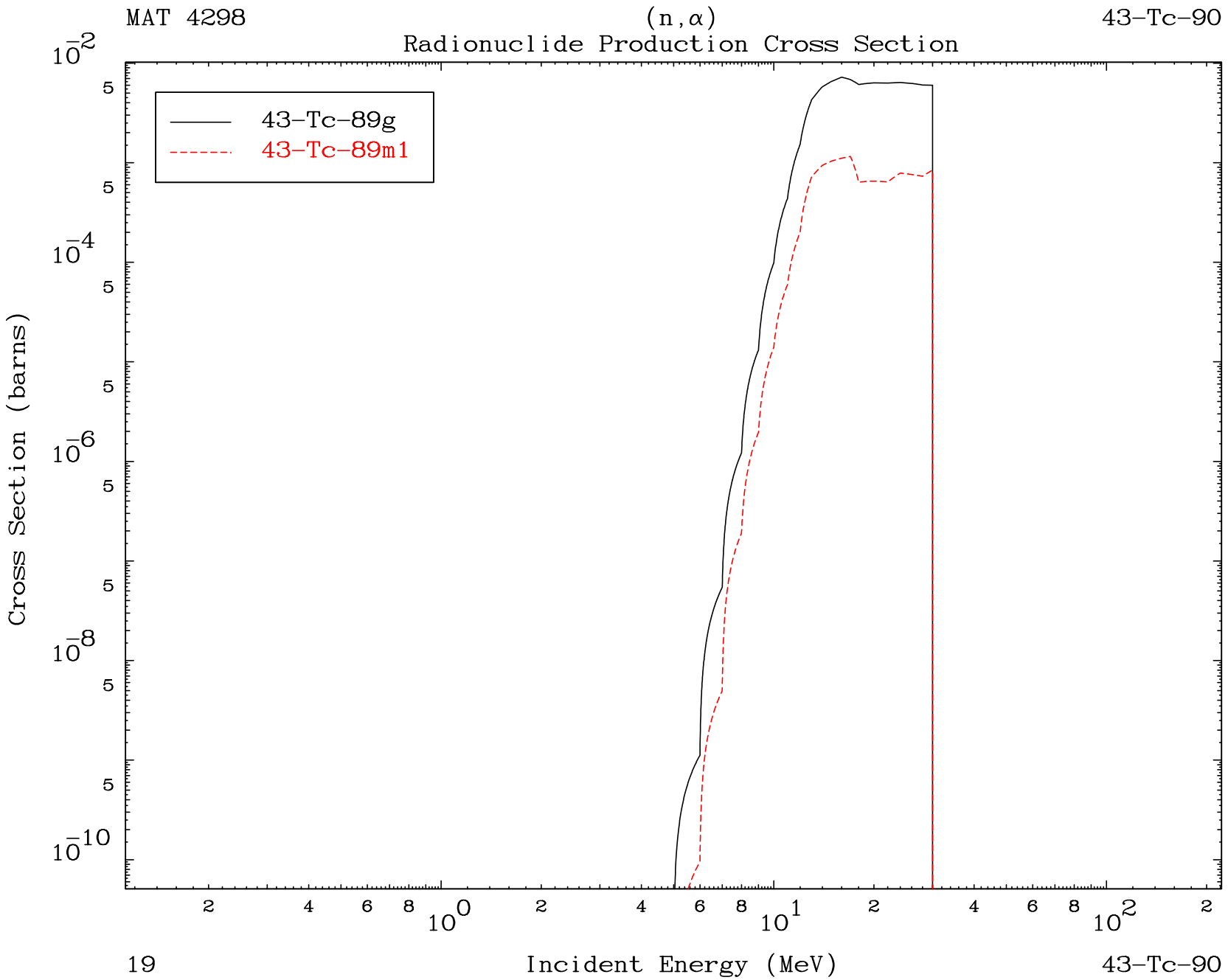

MAT 4298
(n,n') p
43-Tc-90
Radionuclide Production Cross Section
44-Ru-91g
44-Ru-91m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
14
Incident Energy (MeV)
43-Tc-90

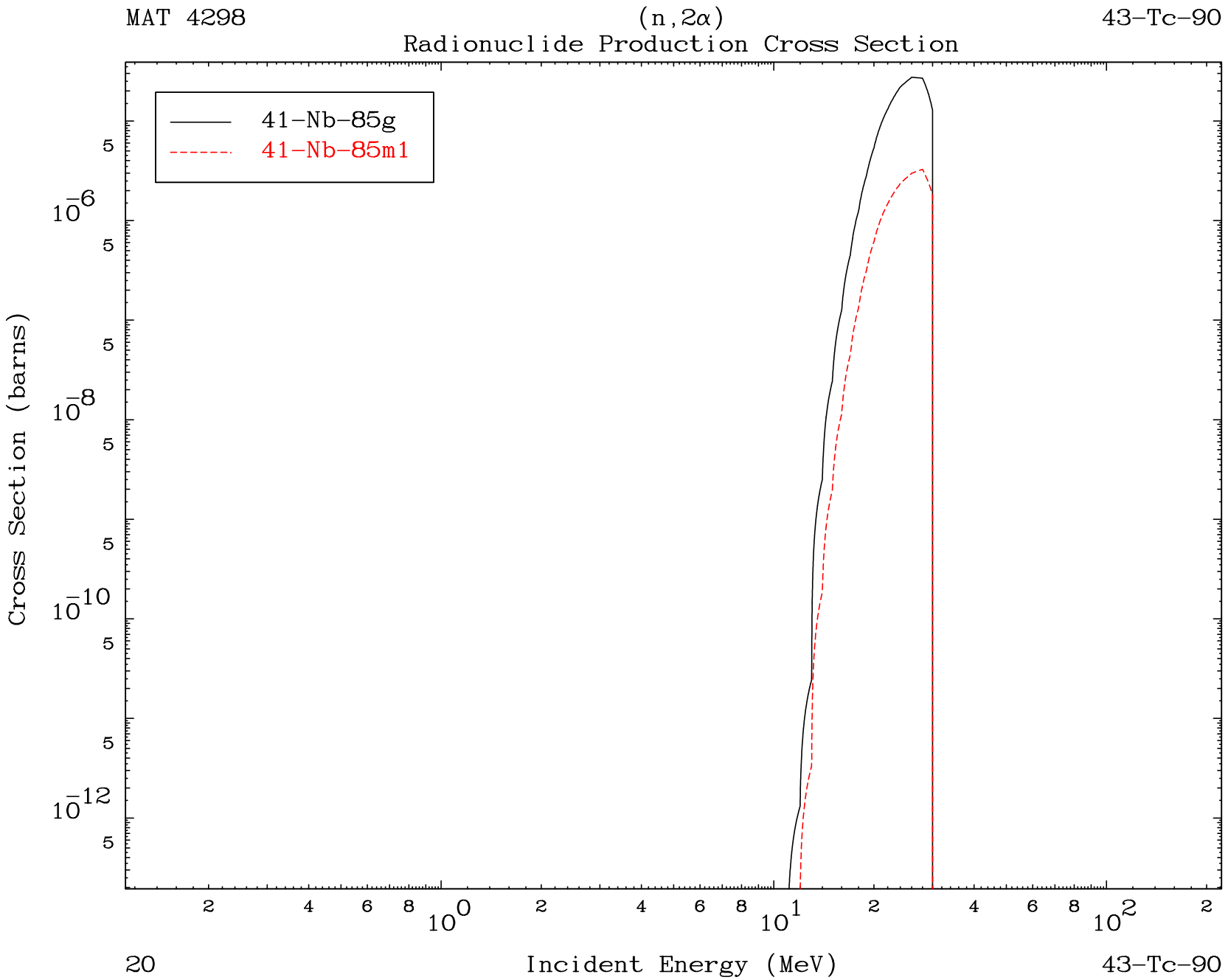

MAT 4298
(n,n') He-3
43-Tc-90
Radionuclide Production Cross Section
43-Tc-89g
43-Tc-89m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
43-Tc-90

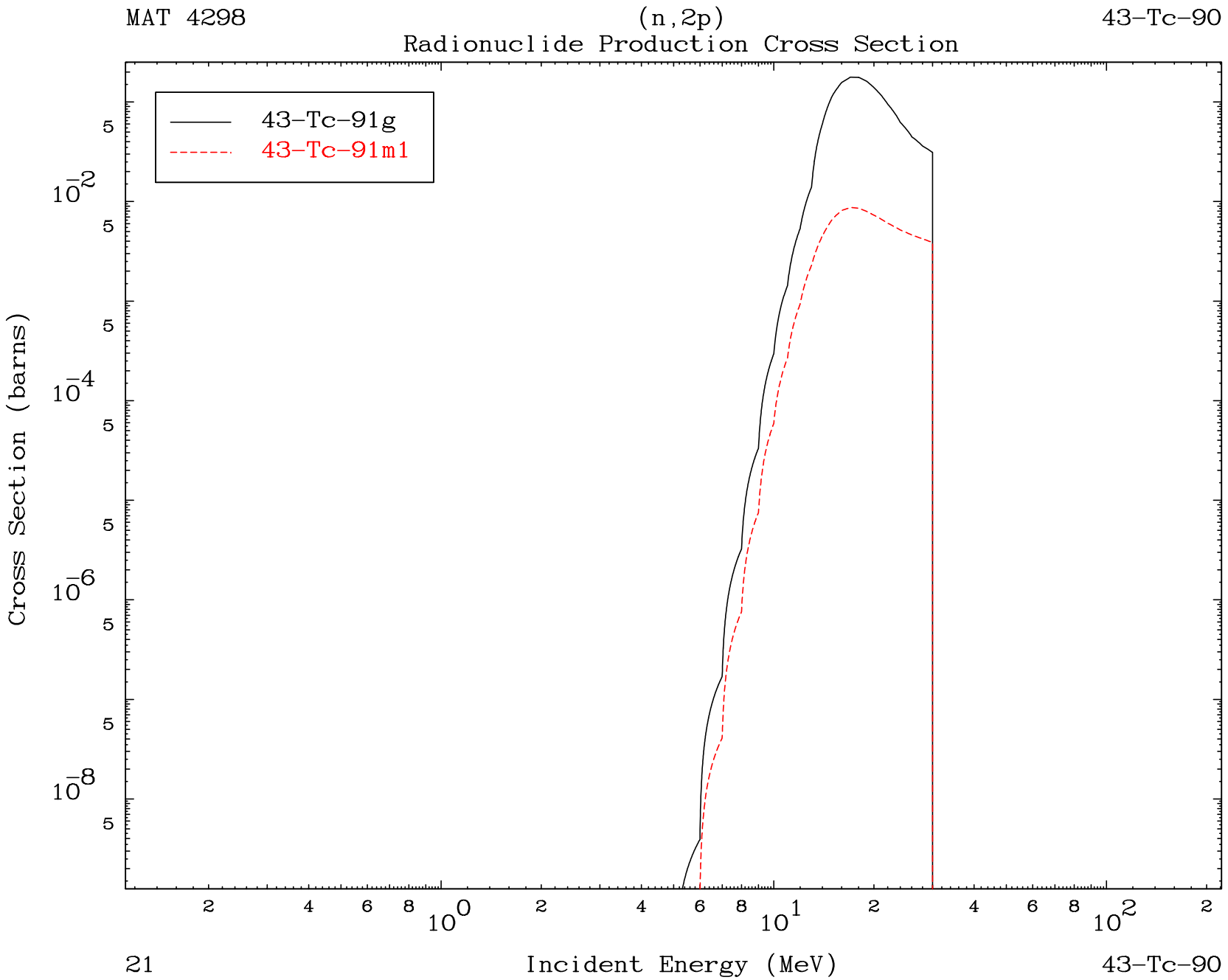

MAT 4298
(n,2n) p
43-Tc-90
Radionuclide Production Cross Section
43-Tc-90g
43-Tc-90m2
Cross Section (barns)
Incident Energy (MeV)
16
43-Tc-90

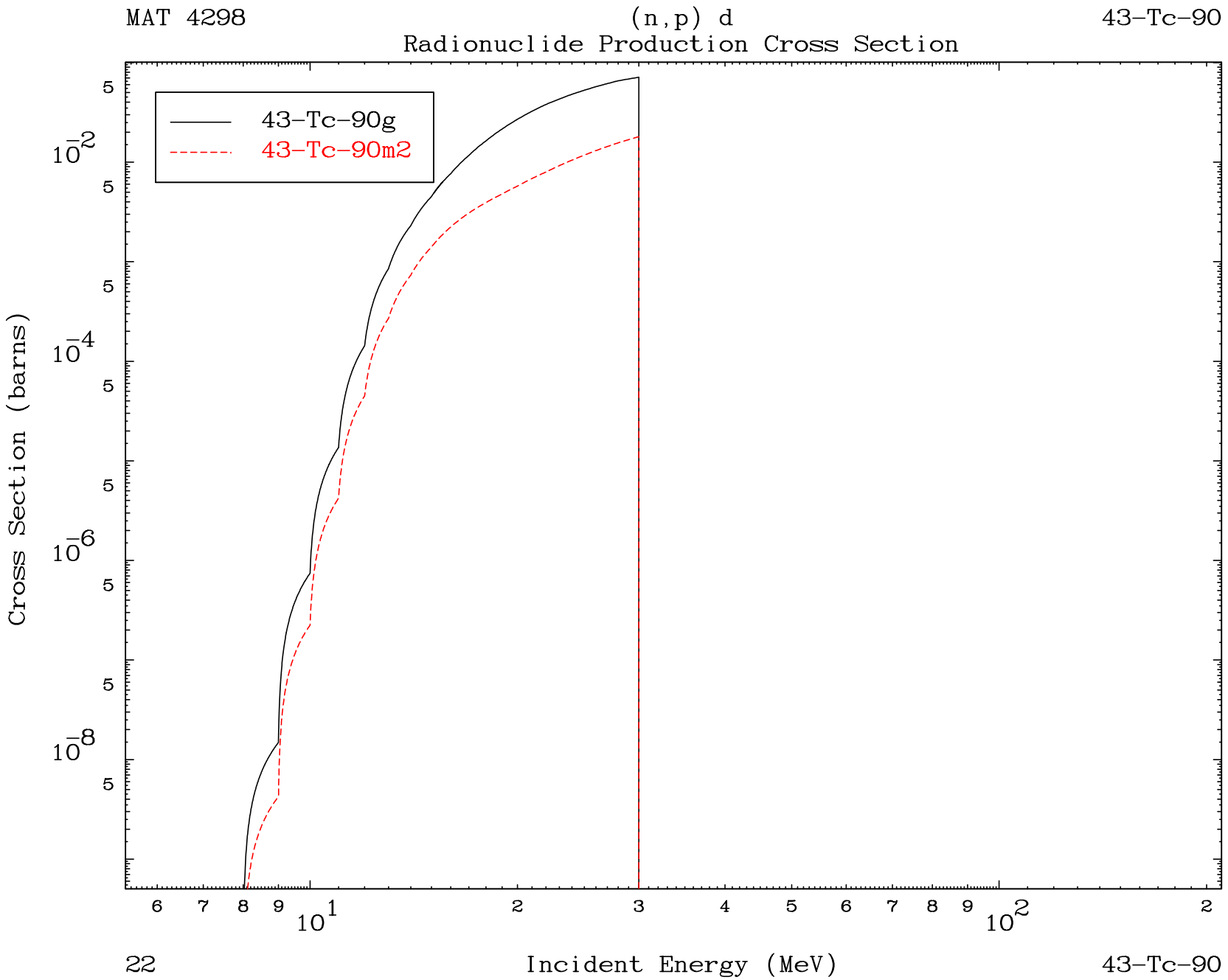

MAT 4298
(n,d)
43-Tc-90
Radionuclide Production Cross Section
44-Ru-91g
44-Ru-91m2
Cross Section (barns)
Incident Energy (MeV)
17
43-Tc-90

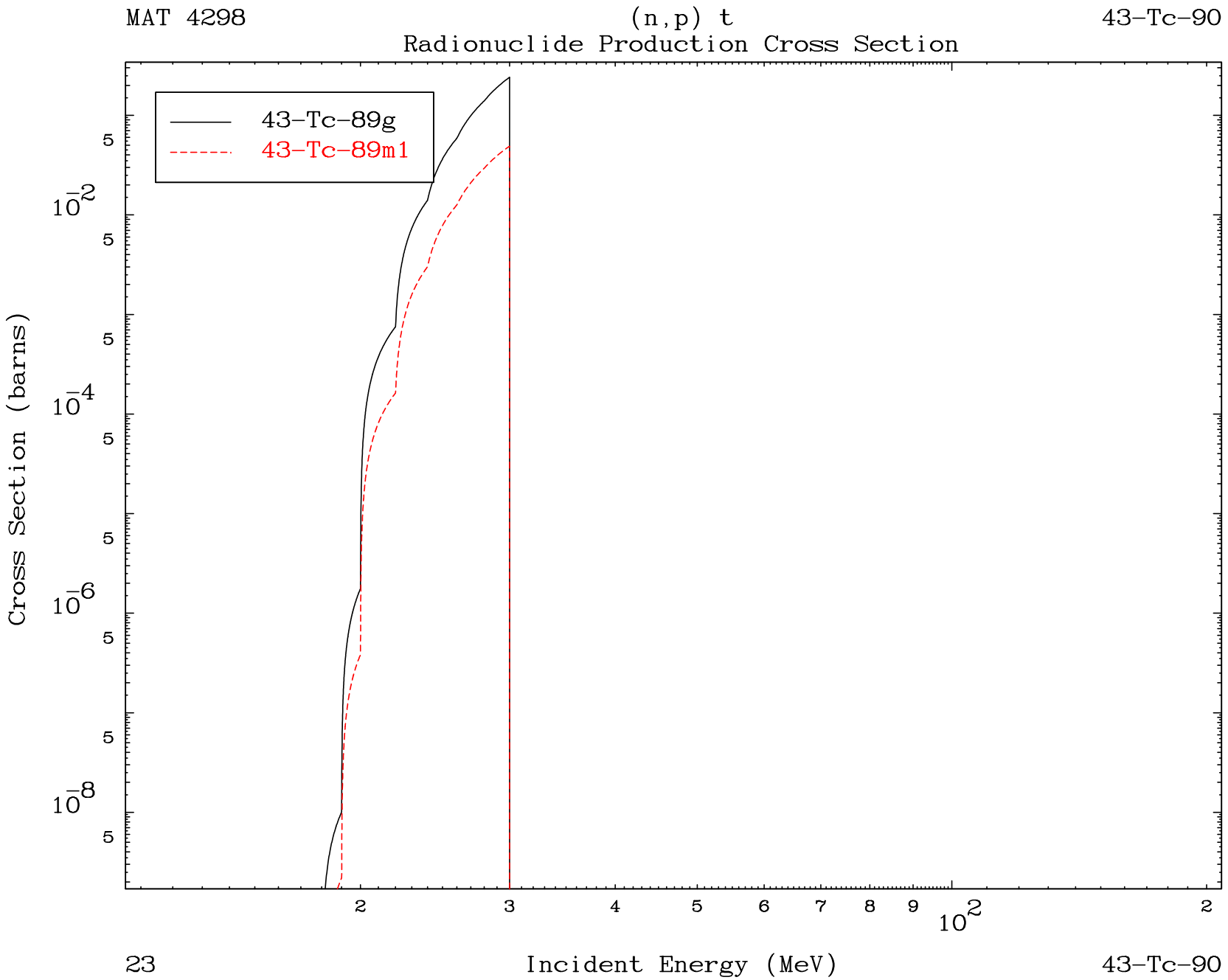

MAT 4298
(n,He-3)
43-Tc-90
Radionuclide Production Cross Section
43-Tc-90g
43-Tc-90m2
Cross Section (barns)
Incident Energy (MeV)
18
43-Tc-90


MAT 4298
(n,α)
43-Tc-90
Radionuclide Production Cross Section
43-Tc-89g
43-Tc-89m1
Cross Section (barns)
Incident Energy (MeV)
19
43-Tc-90


MAT 4298
(n,2α)
43-Tc-90
Radionuclide Production Cross Section
41-Nb-85g
41-Nb-85m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
20
43-Tc-90


MAT 4298
(n,2p)
43-Tc-90
Radionuclide Production Cross Section
43-Tc-91g
43-Tc-91m1
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
21
43-Tc-90


MAT 4298
(n,p) d
43-Tc-90
Radionuclide Production Cross Section
43-Tc-90g
43-Tc-90m2
Cross Section (barns)
Incident Energy (MeV)
22
43-Tc-90


MAT 4298
(n,p) t
43-Tc-90
Radionuclide Production Cross Section
43-Tc-89g
43-Tc-89m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
23
Incident Energy (MeV)
43-Tc-90