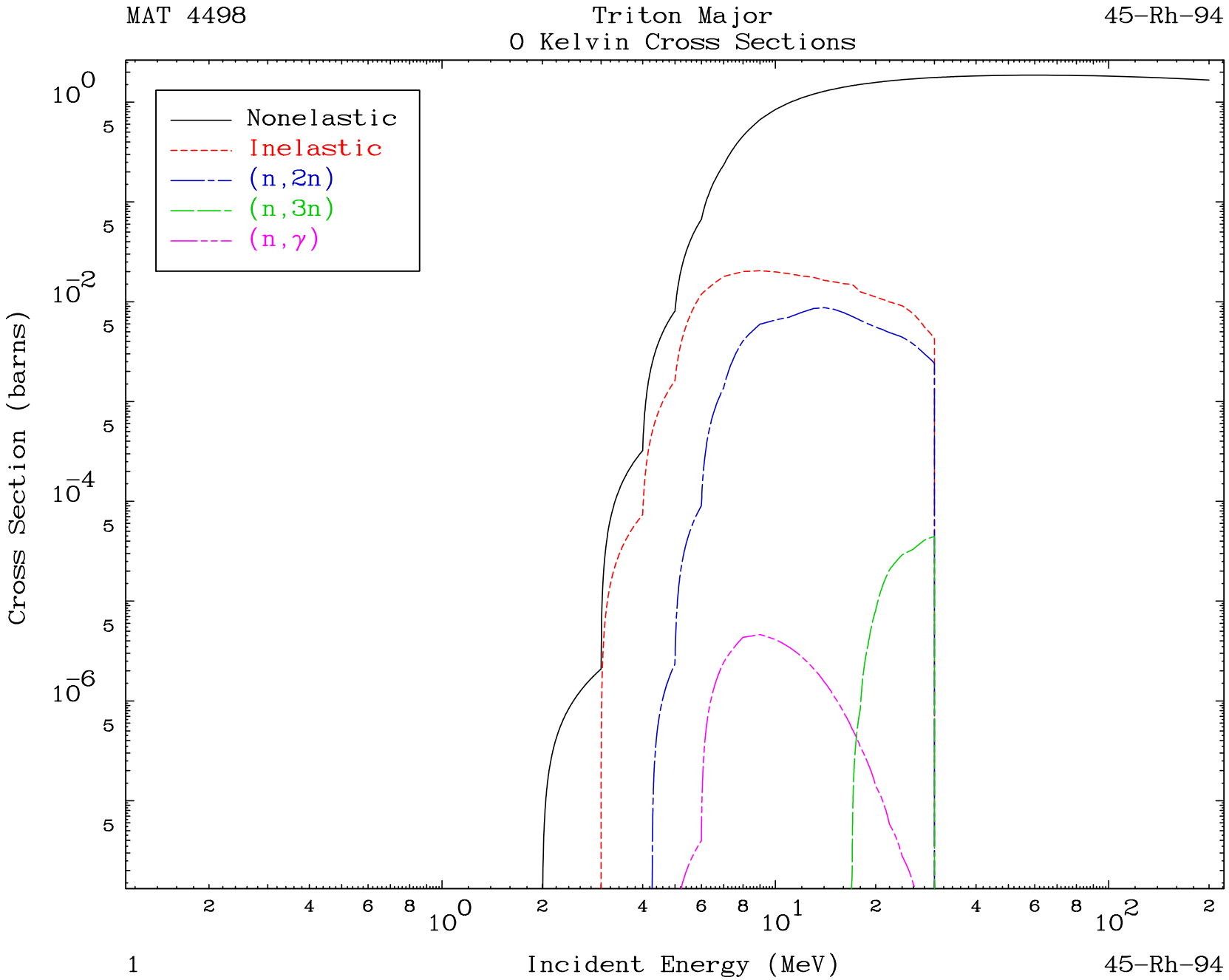
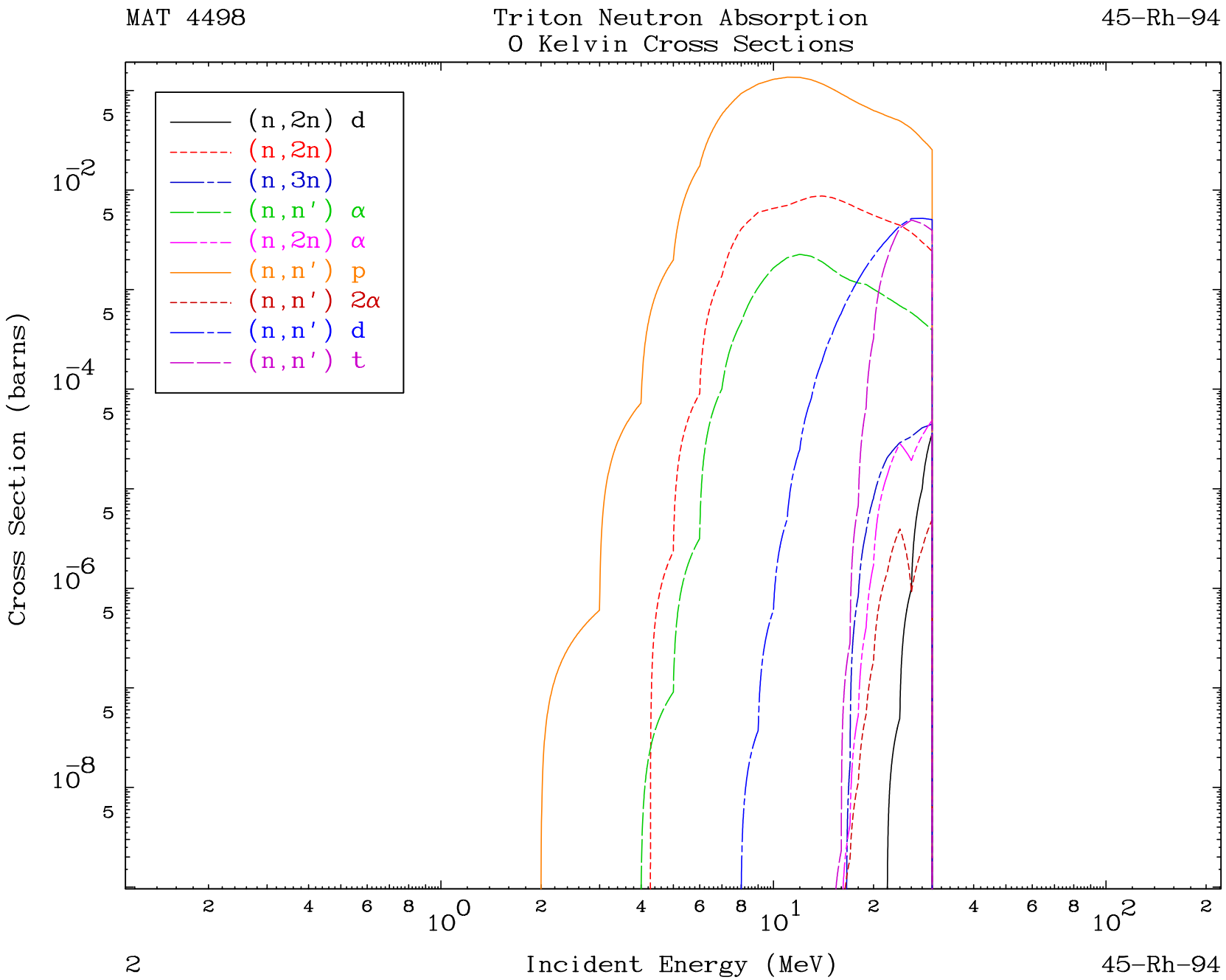
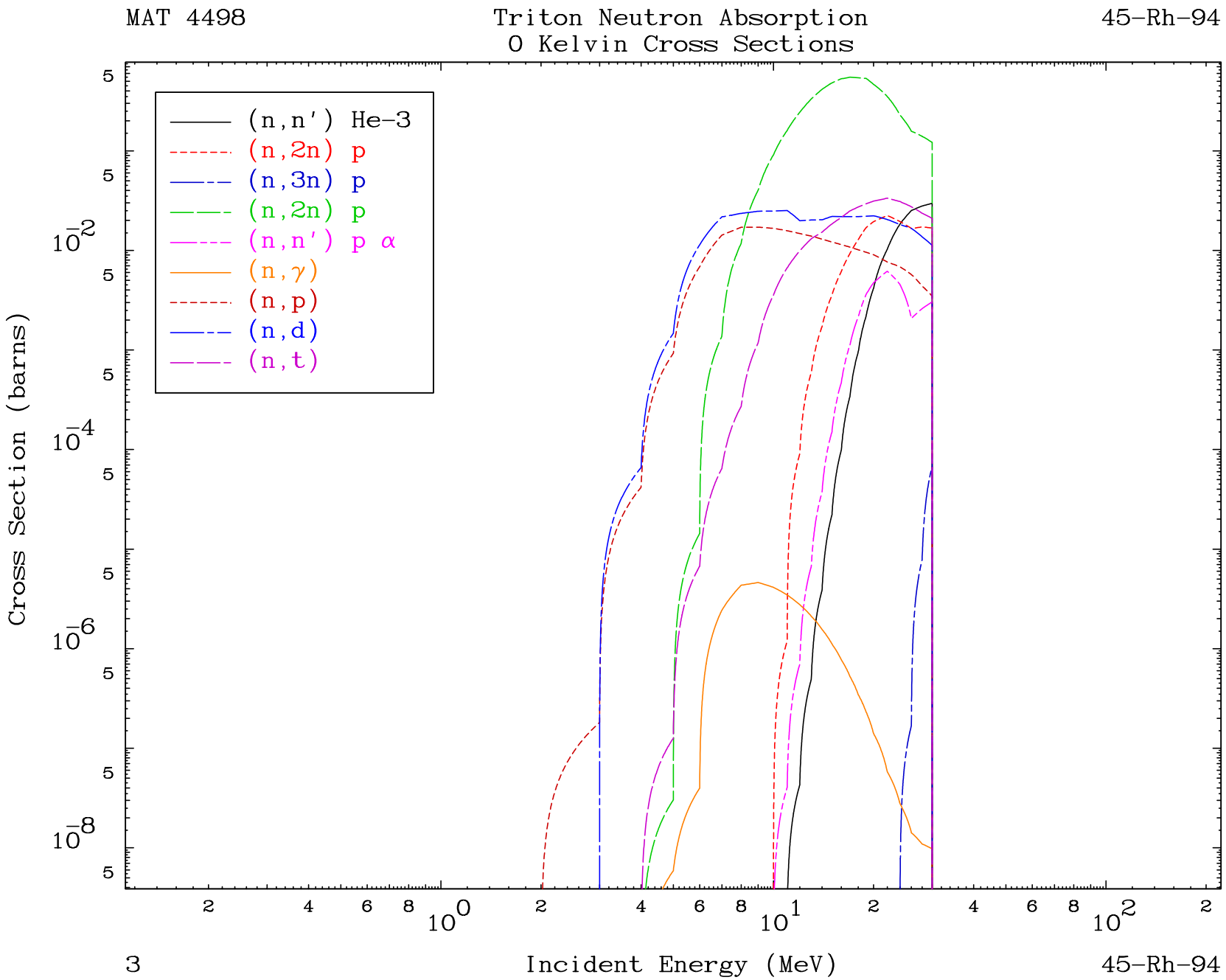
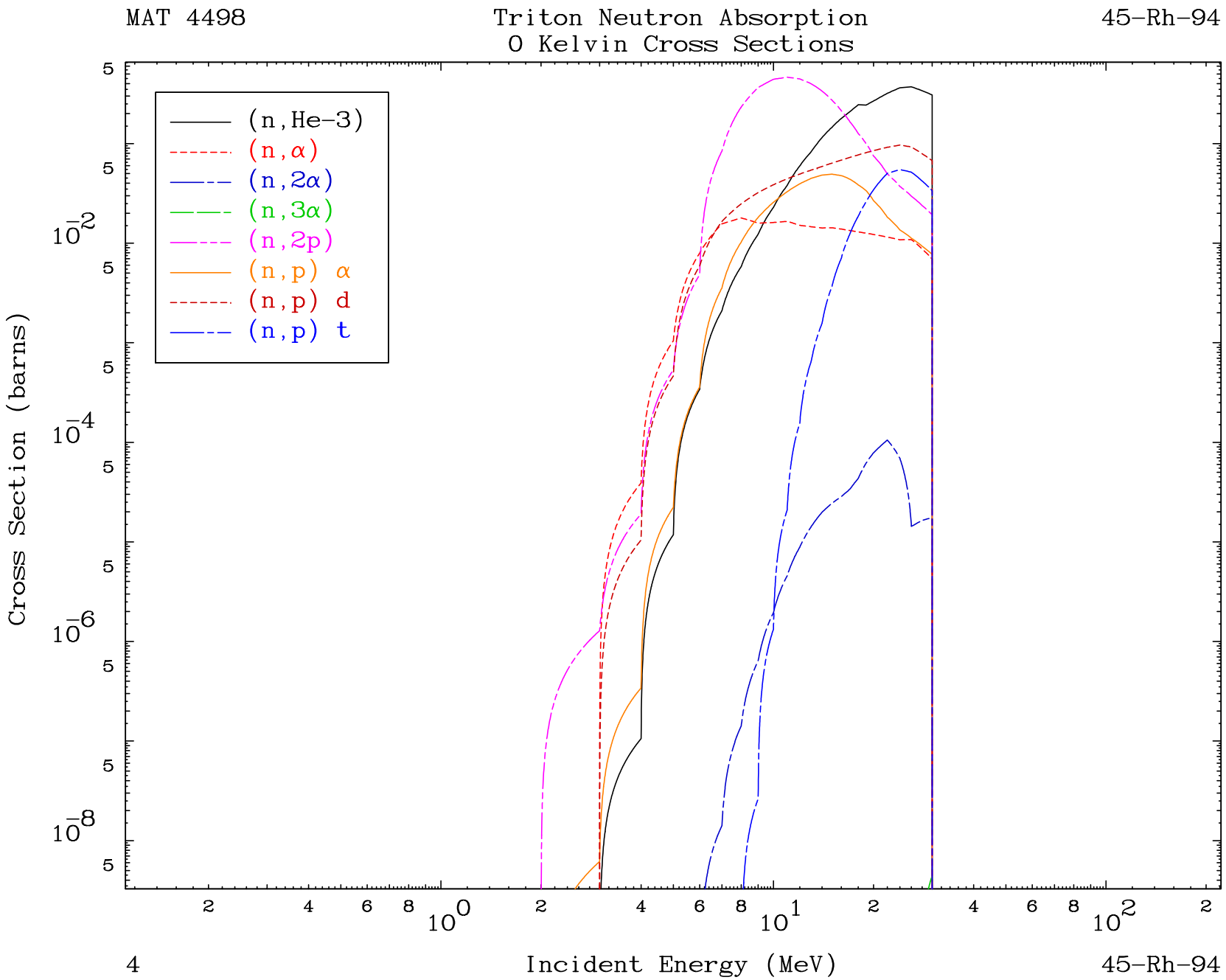
Program EVALPLOT
(Version 2021-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

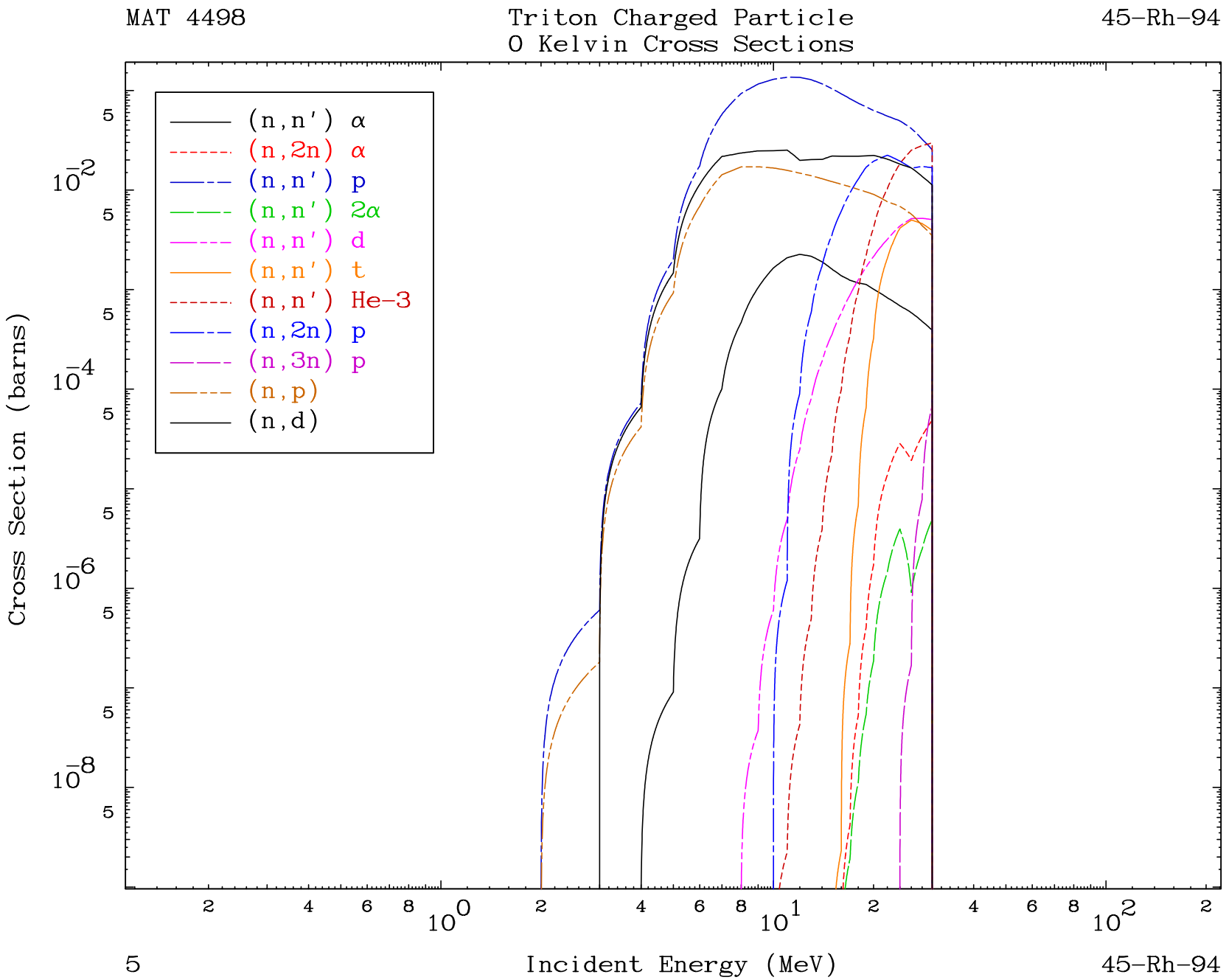
Press Mouse Button to Start

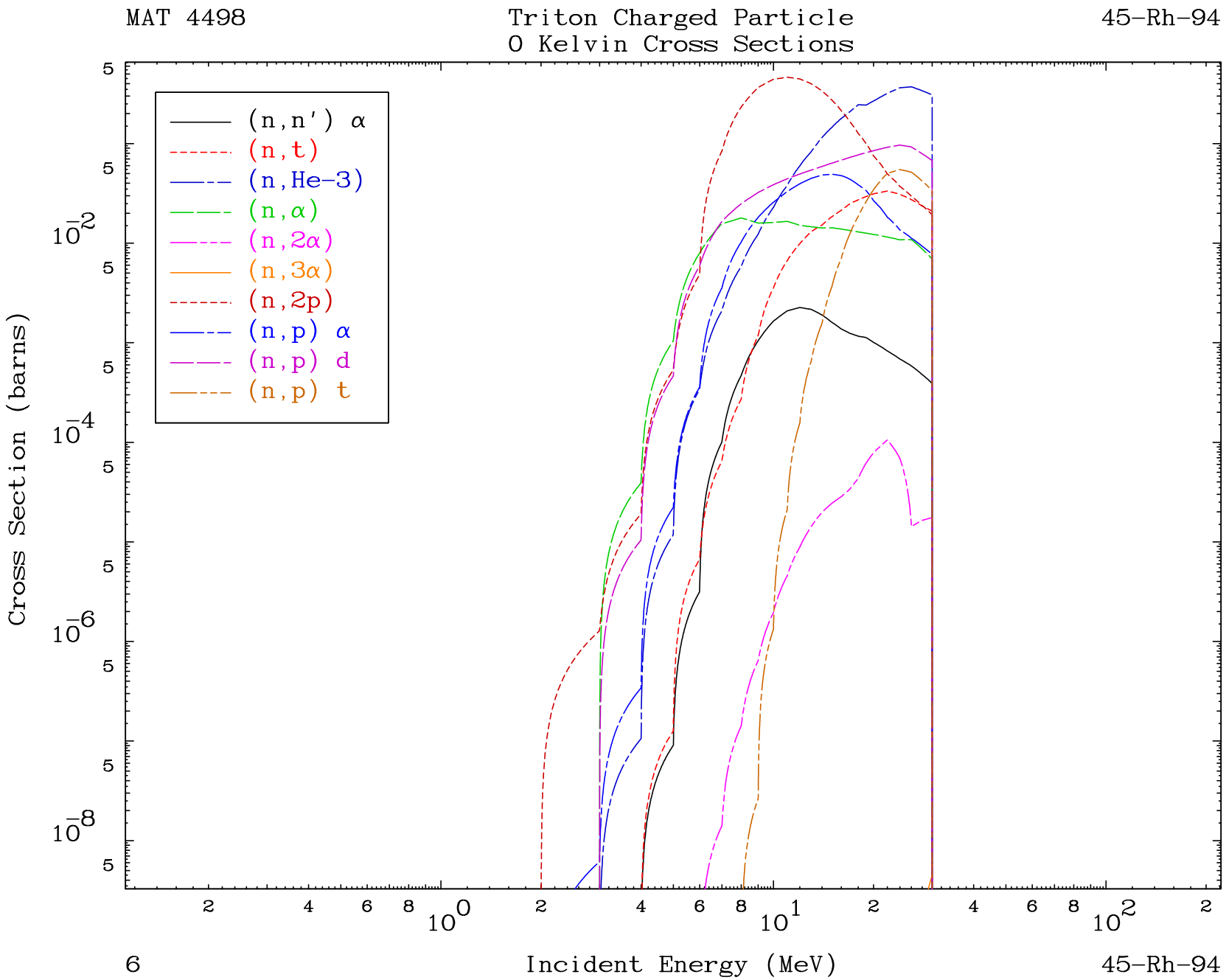

MAT 4498
Triton Major
45-Rh-94
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
45-Rh-94
1

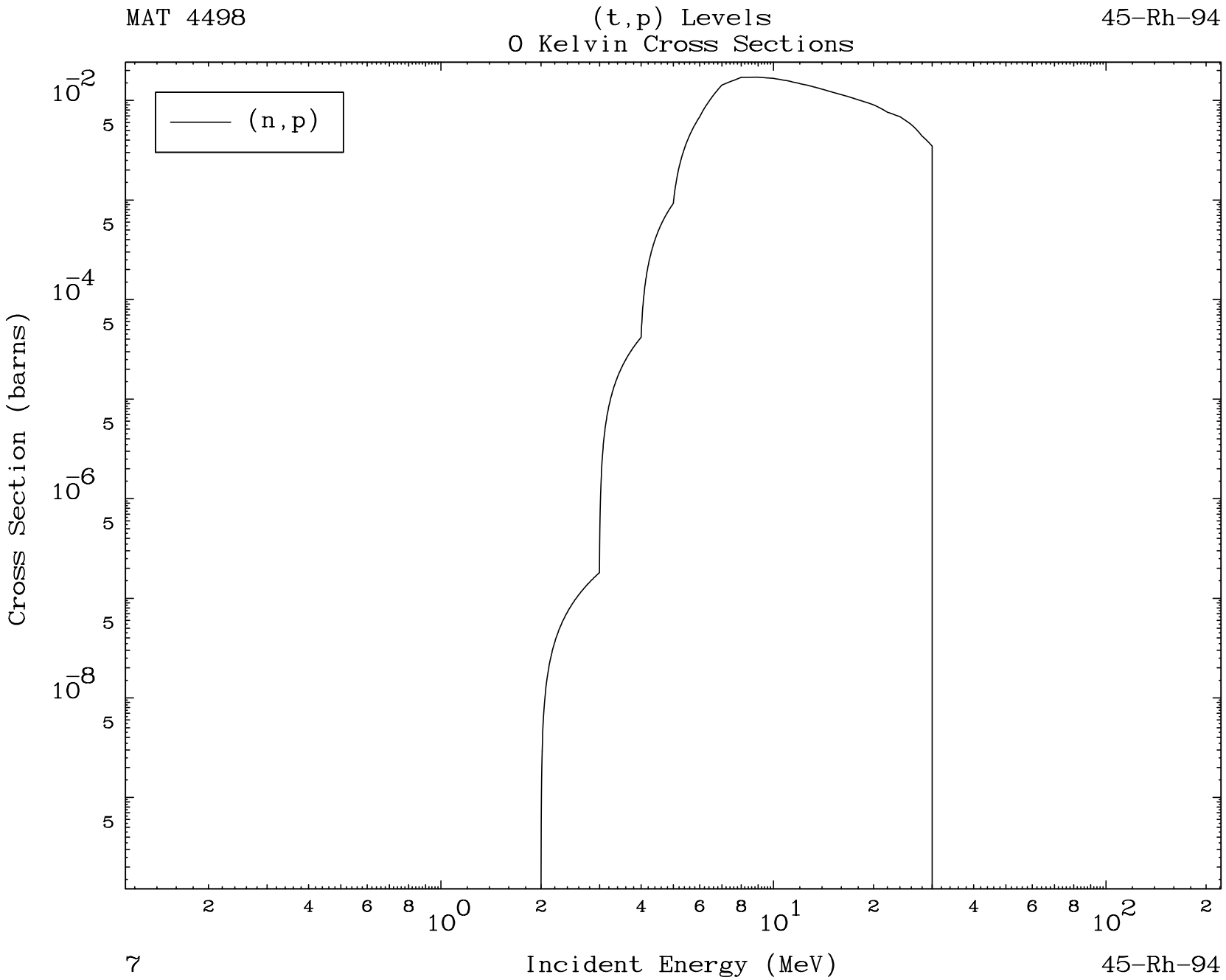

MAT 4498
Triton Neutron Absorption
0 Kelvin Cross Sections
45-Rh-94
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
2
45-Rh-94

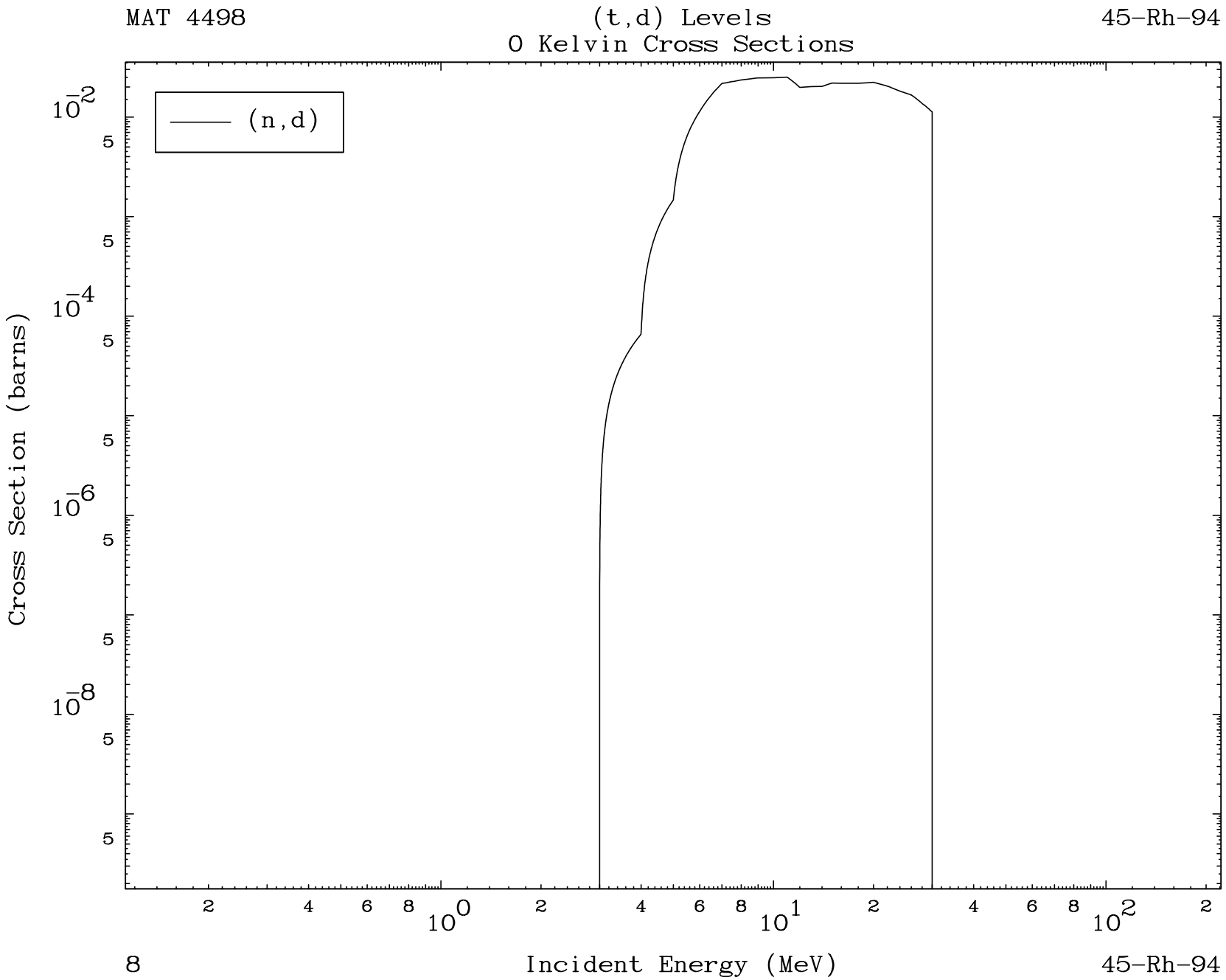

MAT 4498
Triton Neutron Absorption
0 Kelvin Cross Sections
45-Rh-94
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
45-Rh-94

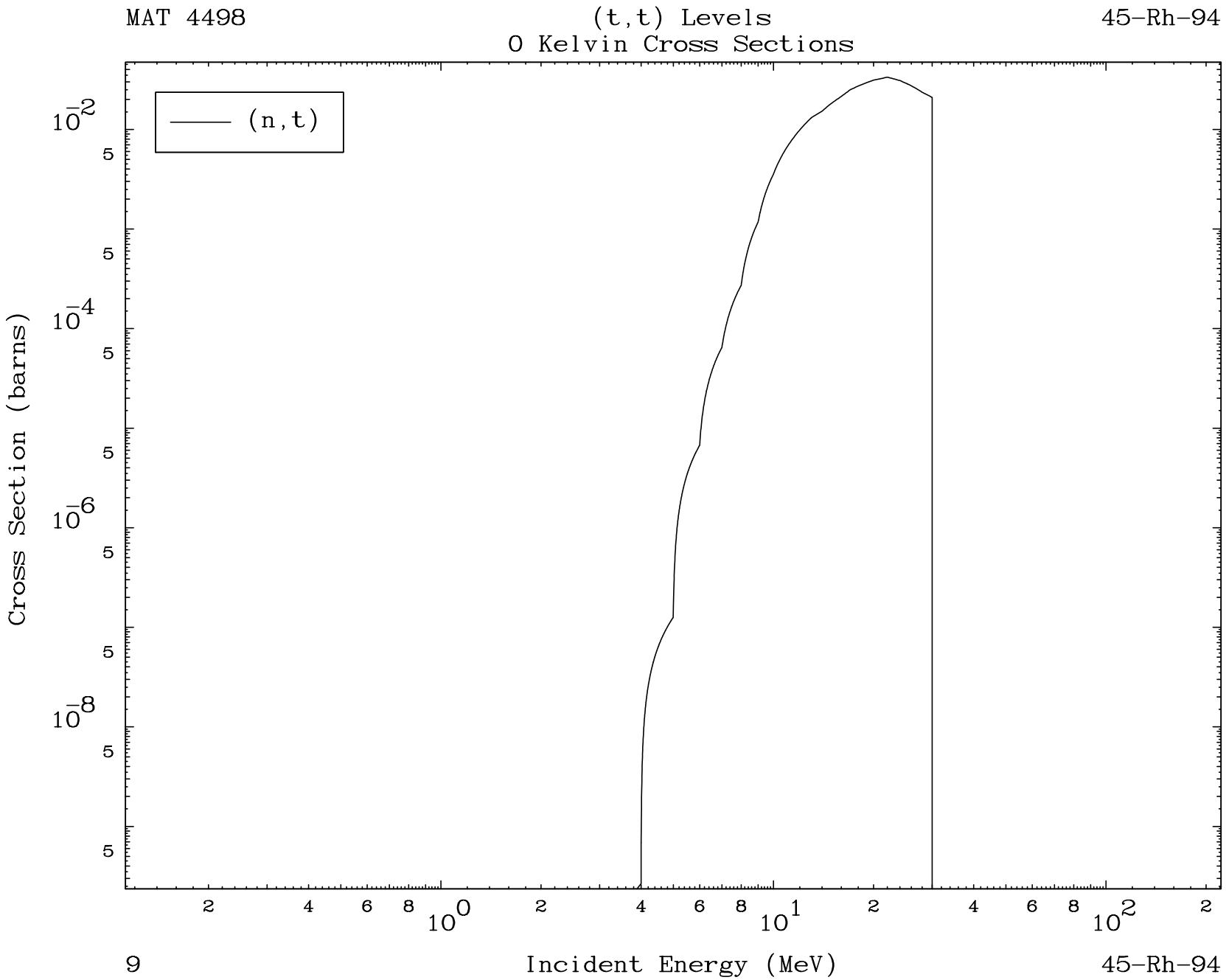

MAT 4498
Triton Neutron Absorption
0 Kelvin Cross Sections
45-Rh-94
(n,He-3)
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
4
45-Rh-94

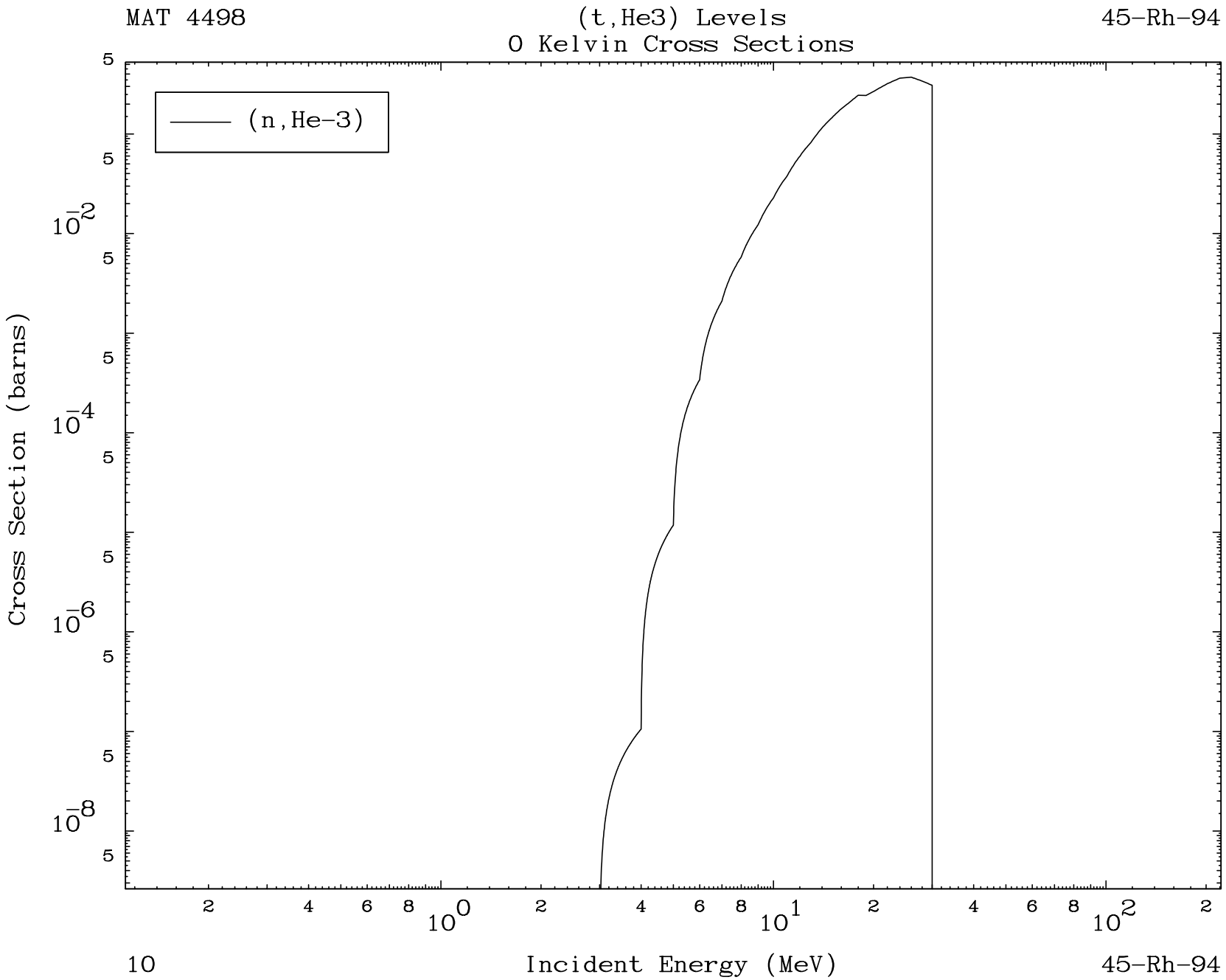

MAT 4498
Triton Charged Particle
0 Kelvin Cross Sections
45-Rh-94
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
5
45-Rh-94

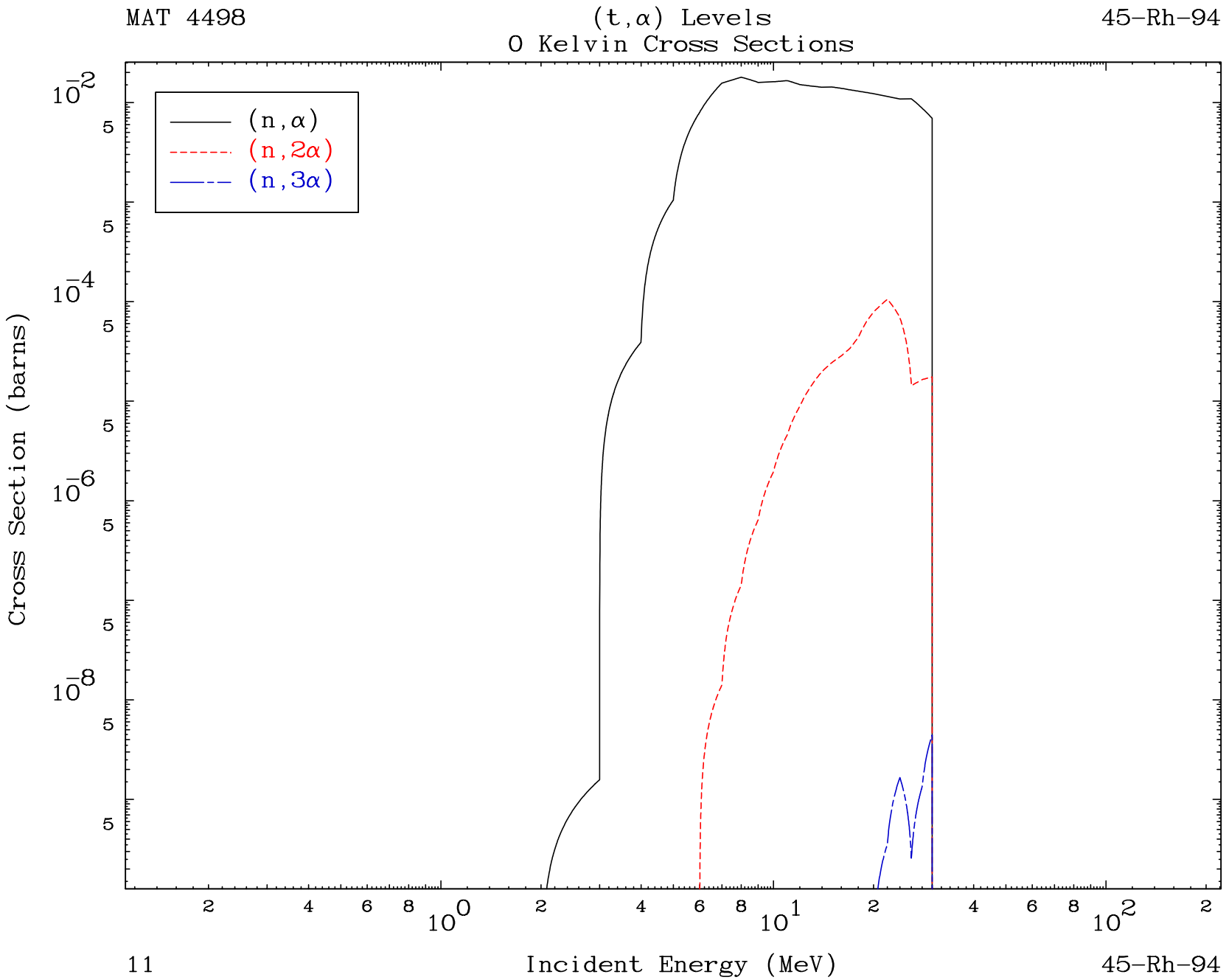

MAT 4498
Triton Charged Particle
0 Kelvin Cross Sections
45-Rh-94
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
6
45-Rh-94

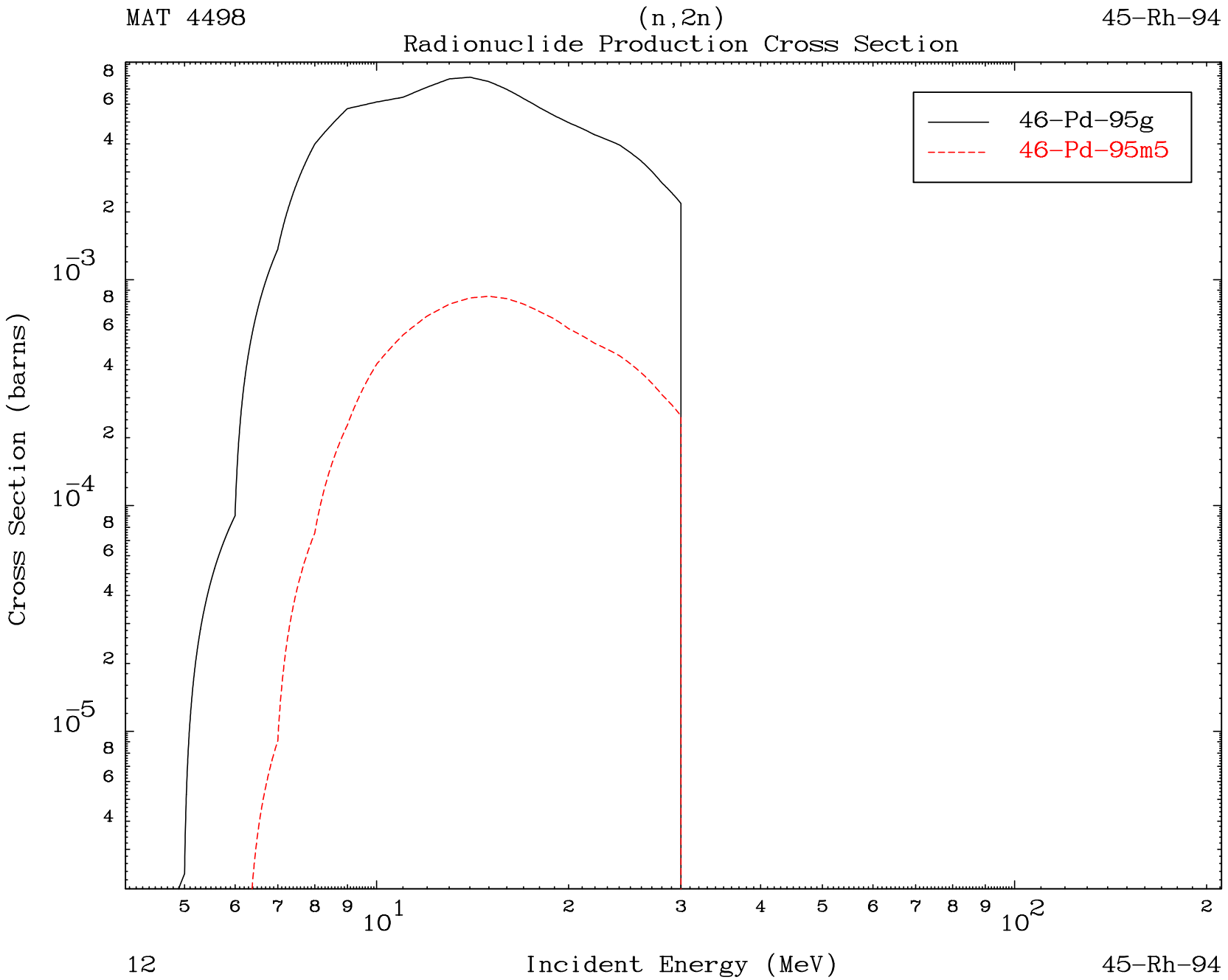

MAT 4498
(t,p) Levels
45-Rh-94
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
45-Rh-94

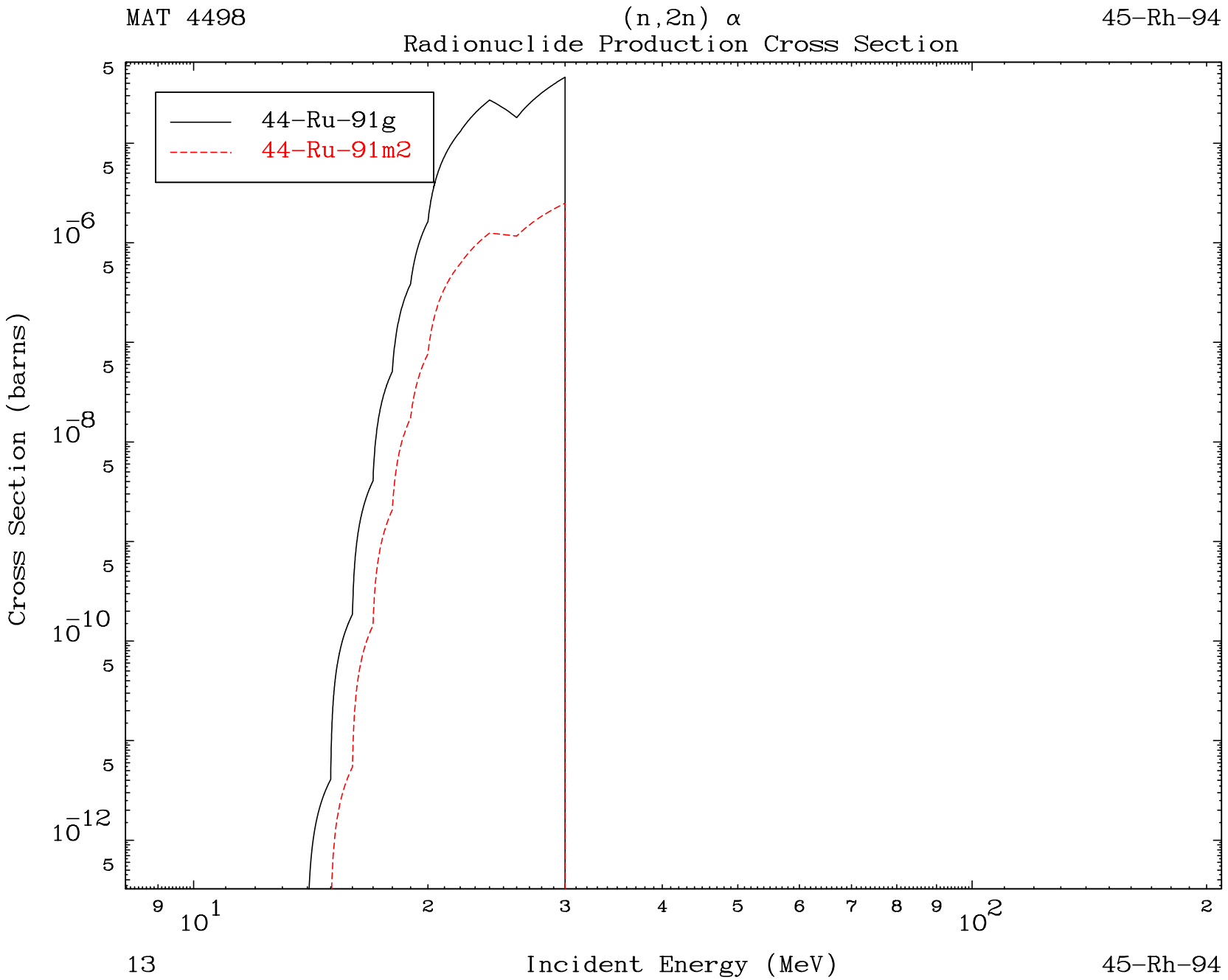

MAT 4498
(t,d) Levels
45-Rh-94
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
45-Rh-94

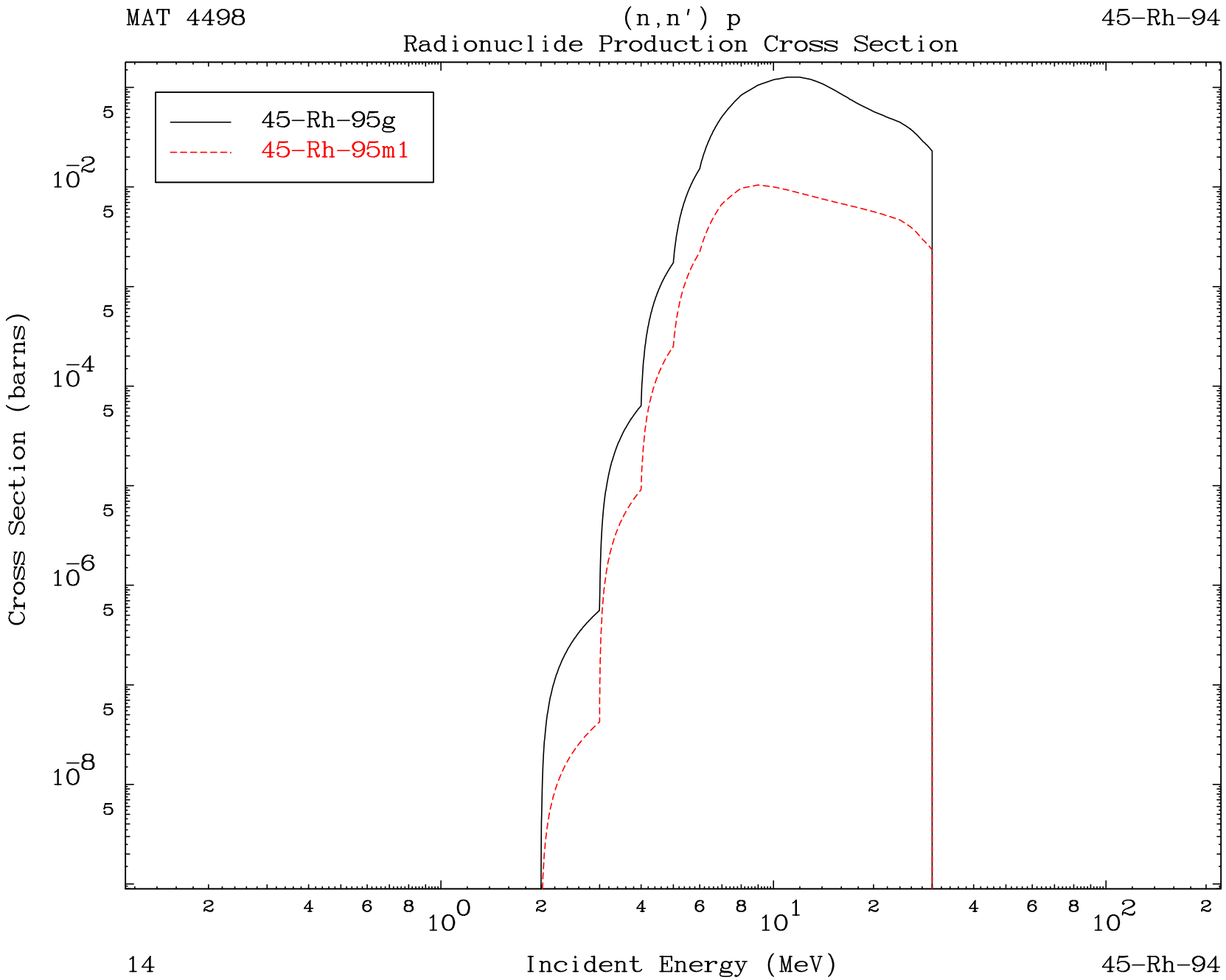

MAT 4498
(t,t) Levels
45-Rh-94
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
45-Rh-94

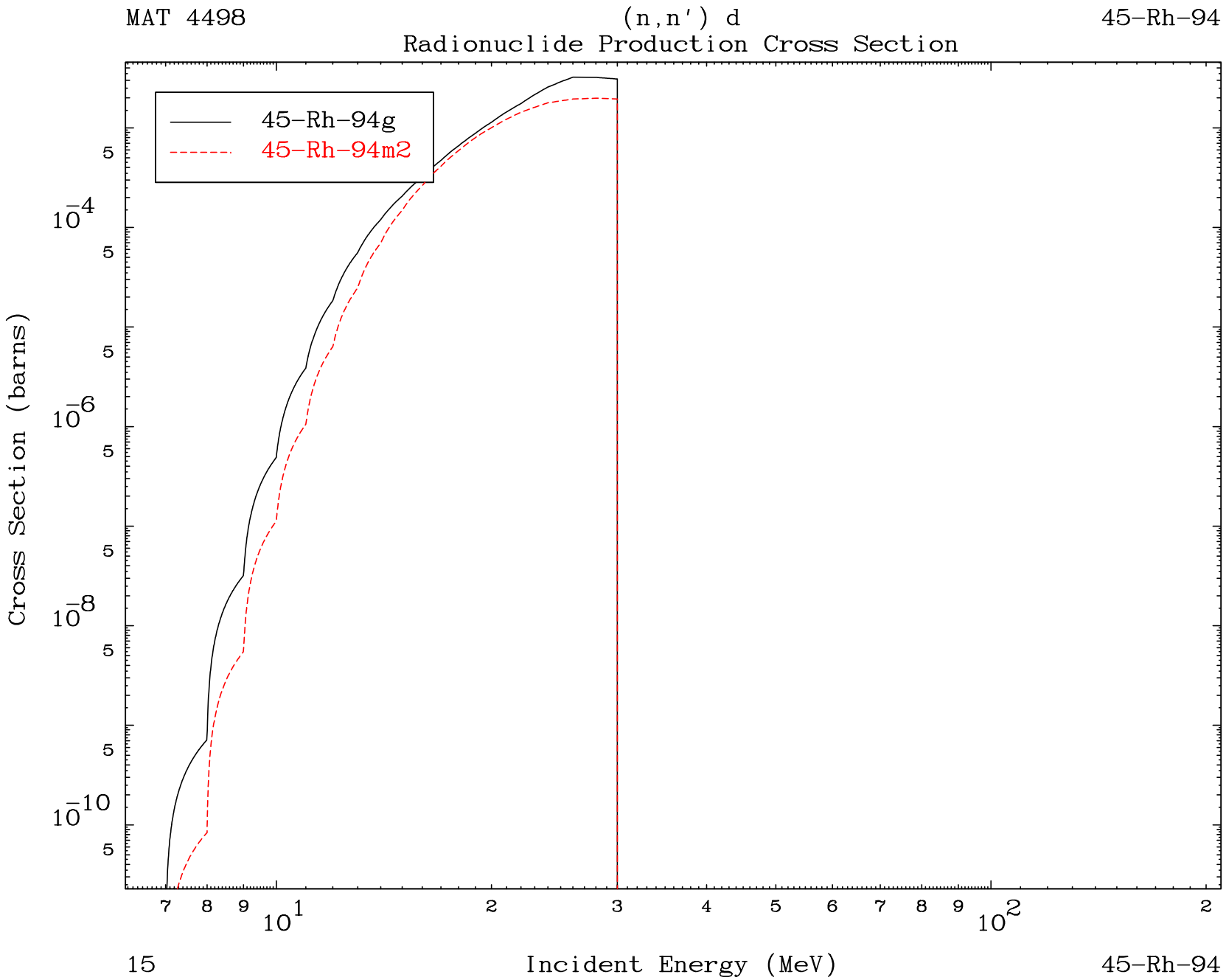

MAT 4498
(t,He3) Levels
45-Rh-94
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
45-Rh-94

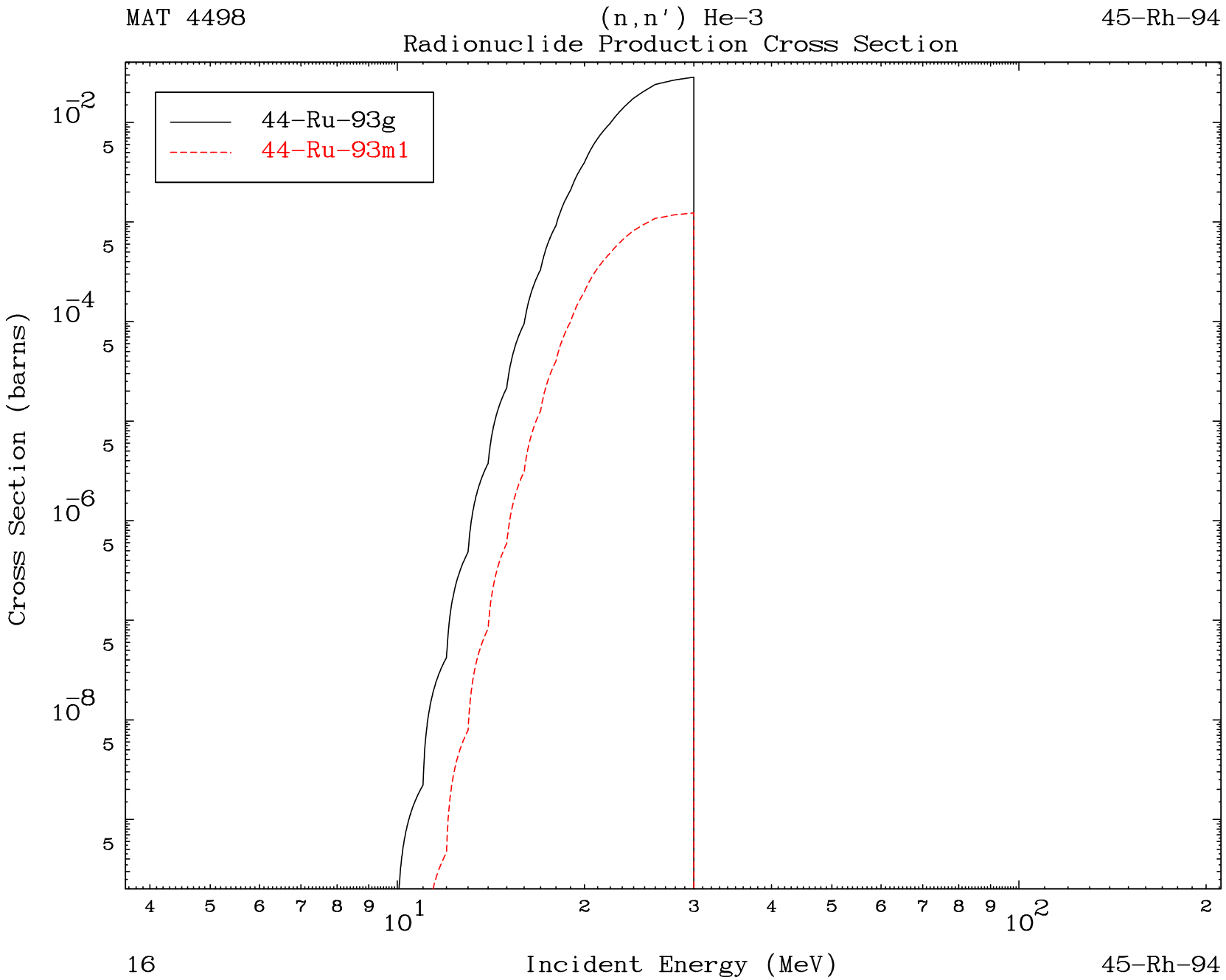

MAT 4498
(t,α) Levels
45-Rh-94
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
11
45-Rh-94

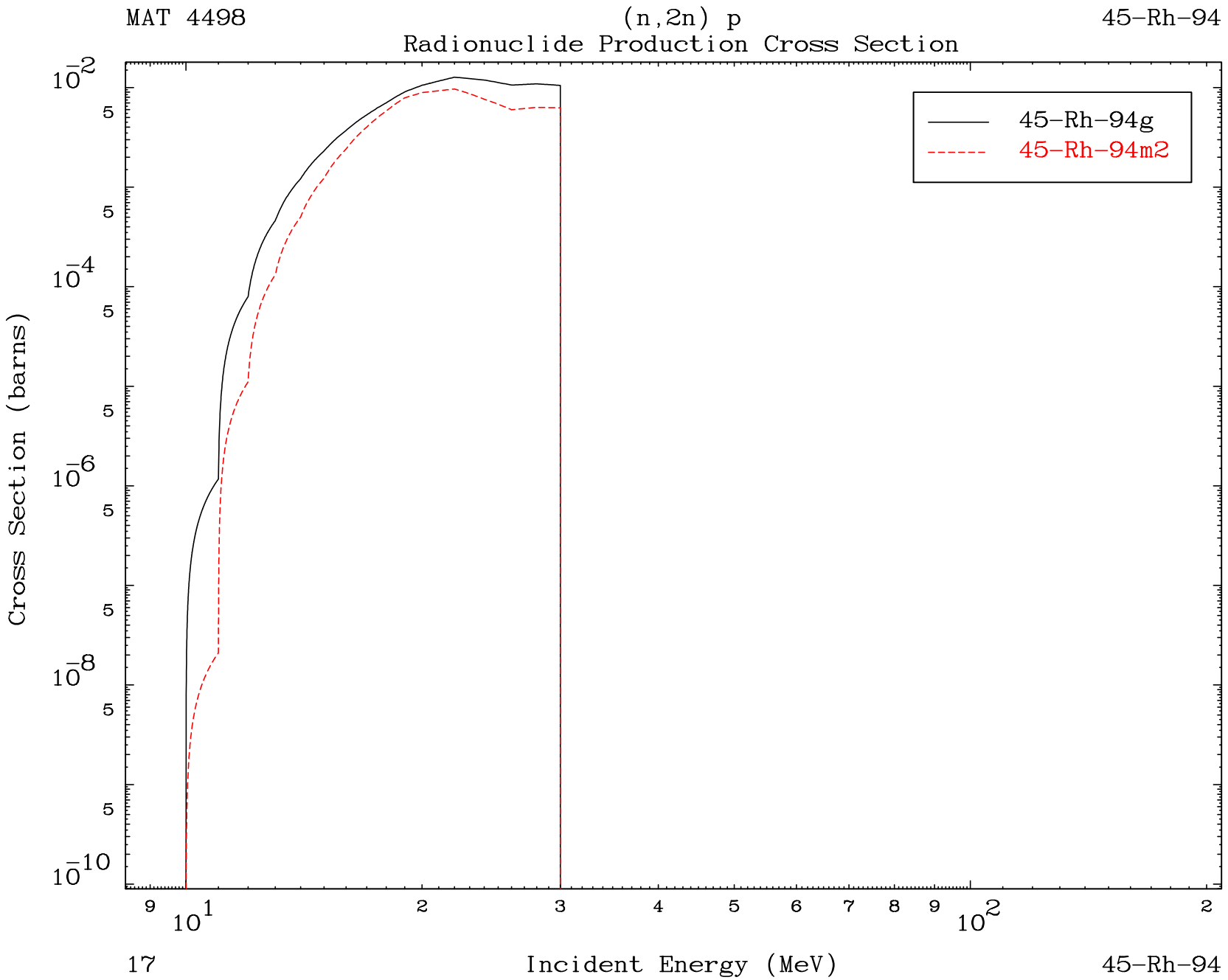

MAT 4498
(n,2n)
45-Rh-94
Radionuclide Production Cross Section
46-Pd-95g
46-Pd-95m5
Cross Section (barns)
Incident Energy (MeV)
12
45-Rh-94

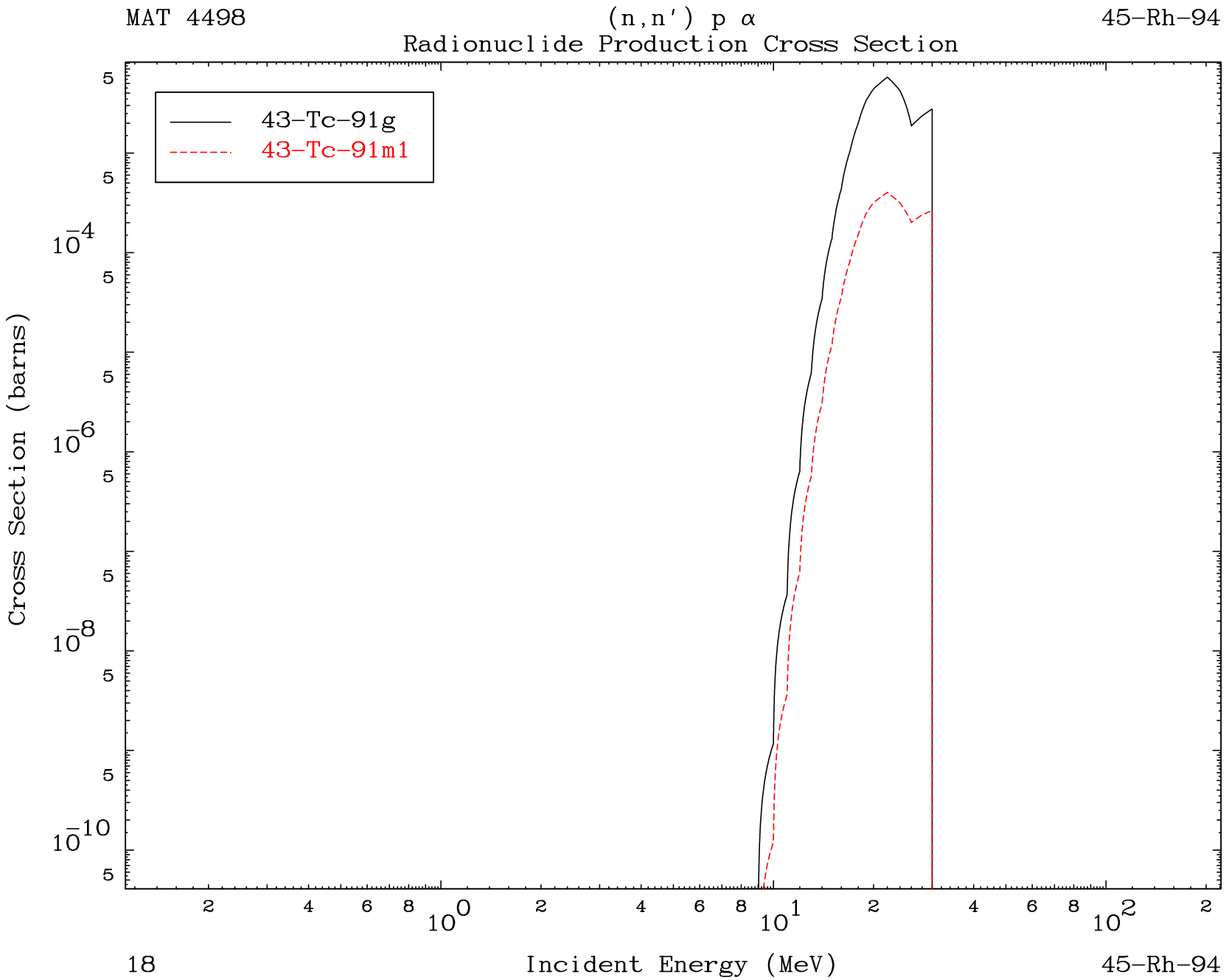

MAT 4498
(n,2n) α
45-Rh-94
Radionuclide Production Cross Section
44-Ru-91g
44-Ru-91m2
Cross Section (barns)
Incident Energy (MeV)
13
45-Rh-94

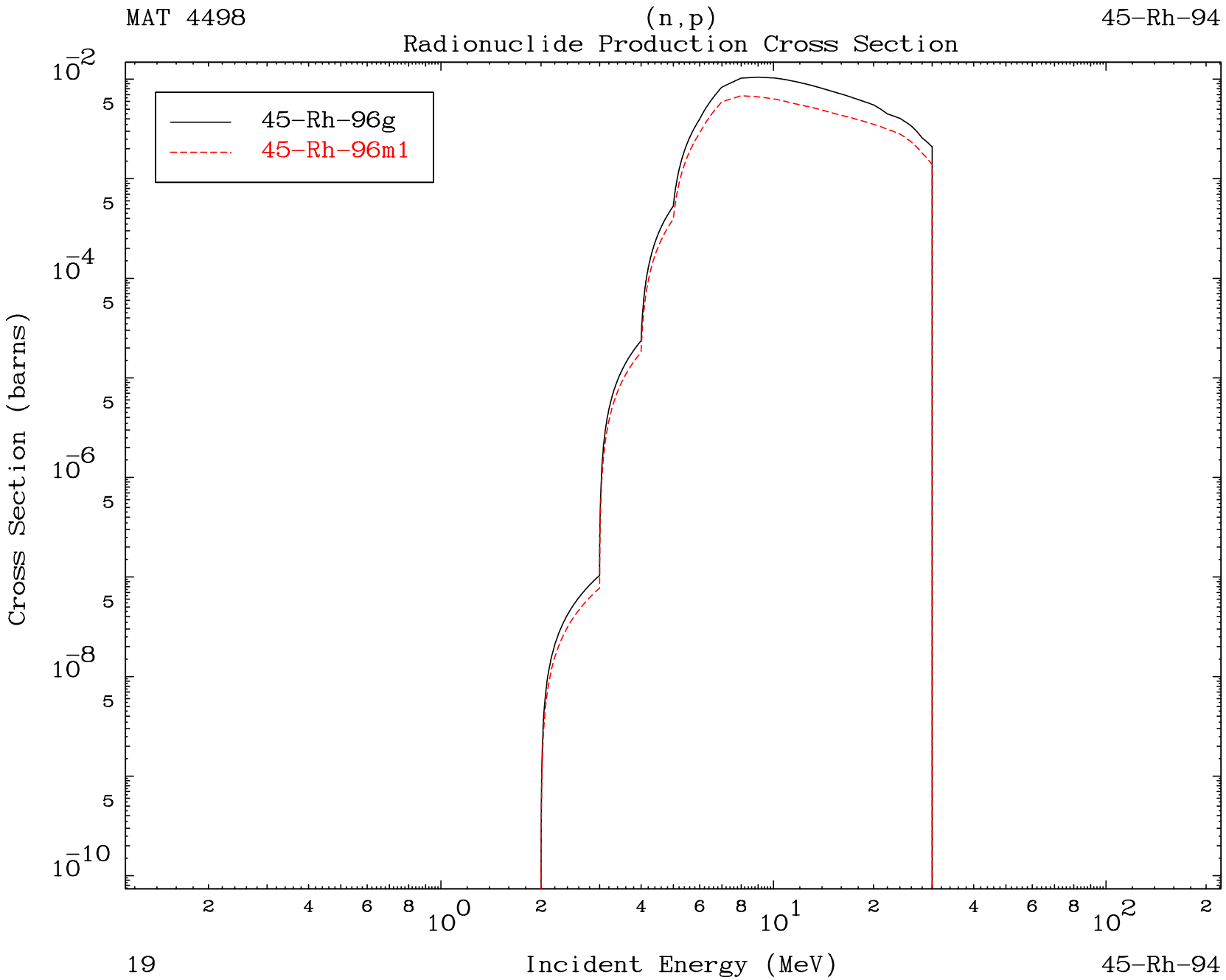

MAT 4498
(n,n') p
45-Rh-94
Radionuclide Production Cross Section
45-Rh-95g
45-Rh-95m1
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
14
45-Rh-94

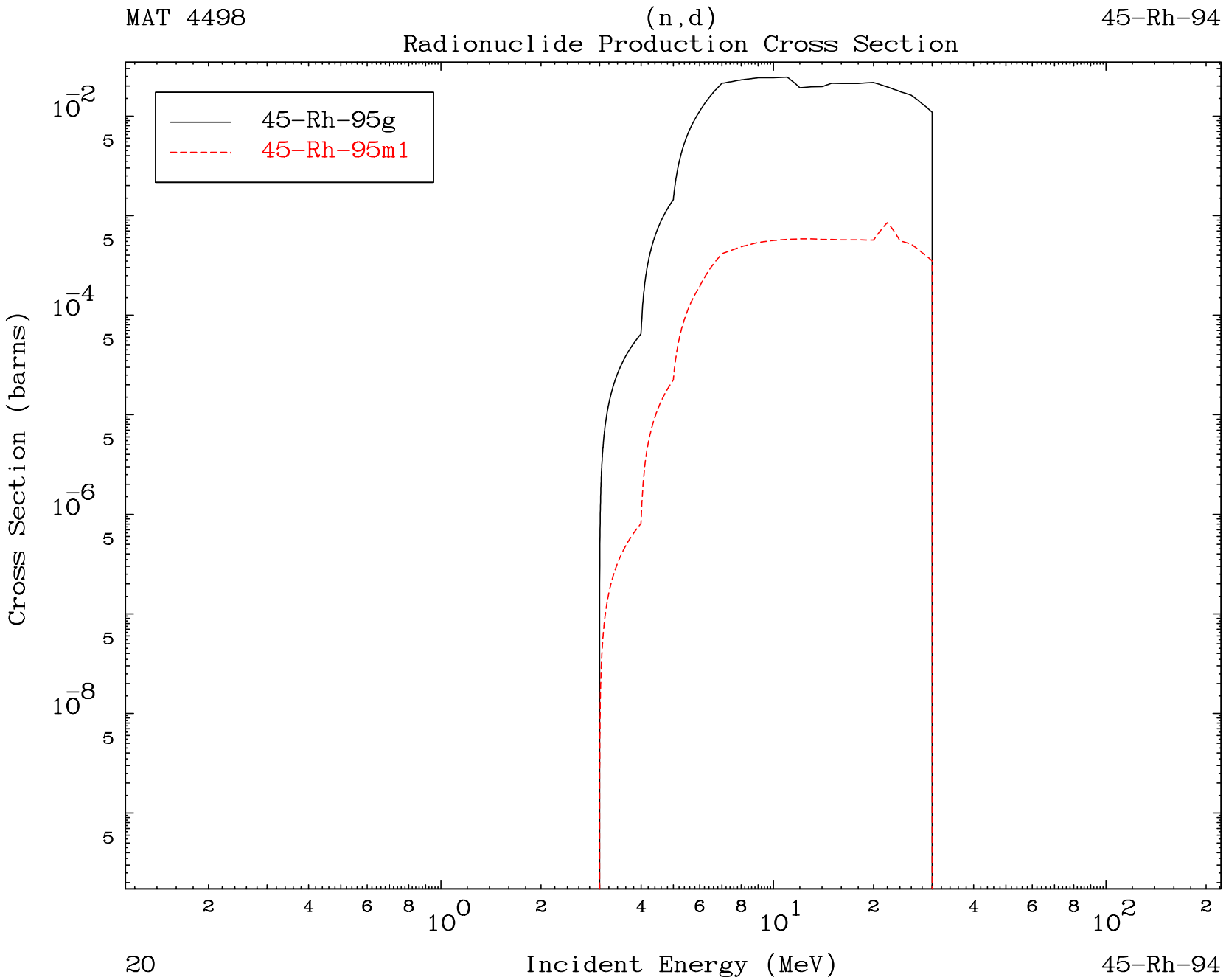

MAT 4498
(n,n') d
45-Rh-94
Radionuclide Production Cross Section
45-Rh-94g
45-Rh-94m2
Cross Section (barns)
10-4
10-6
10-8
10-10
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
15
45-Rh-94

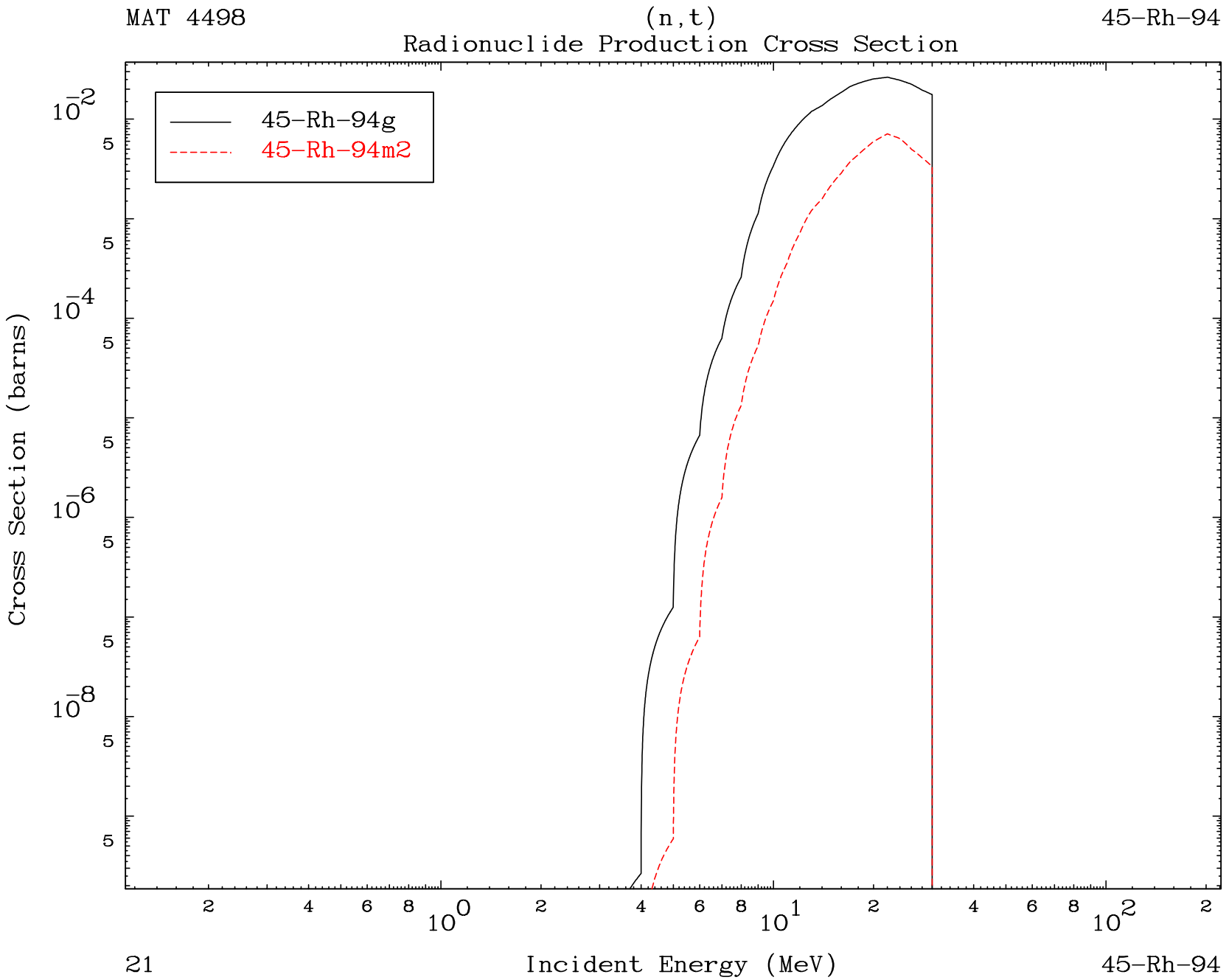

MAT 4498
(n,n') He-3
45-Rh-94
Radionuclide Production Cross Section
44-Ru-93g
44-Ru-93m1
Cross Section (barns)
Incident Energy (MeV)
16
45-Rh-94

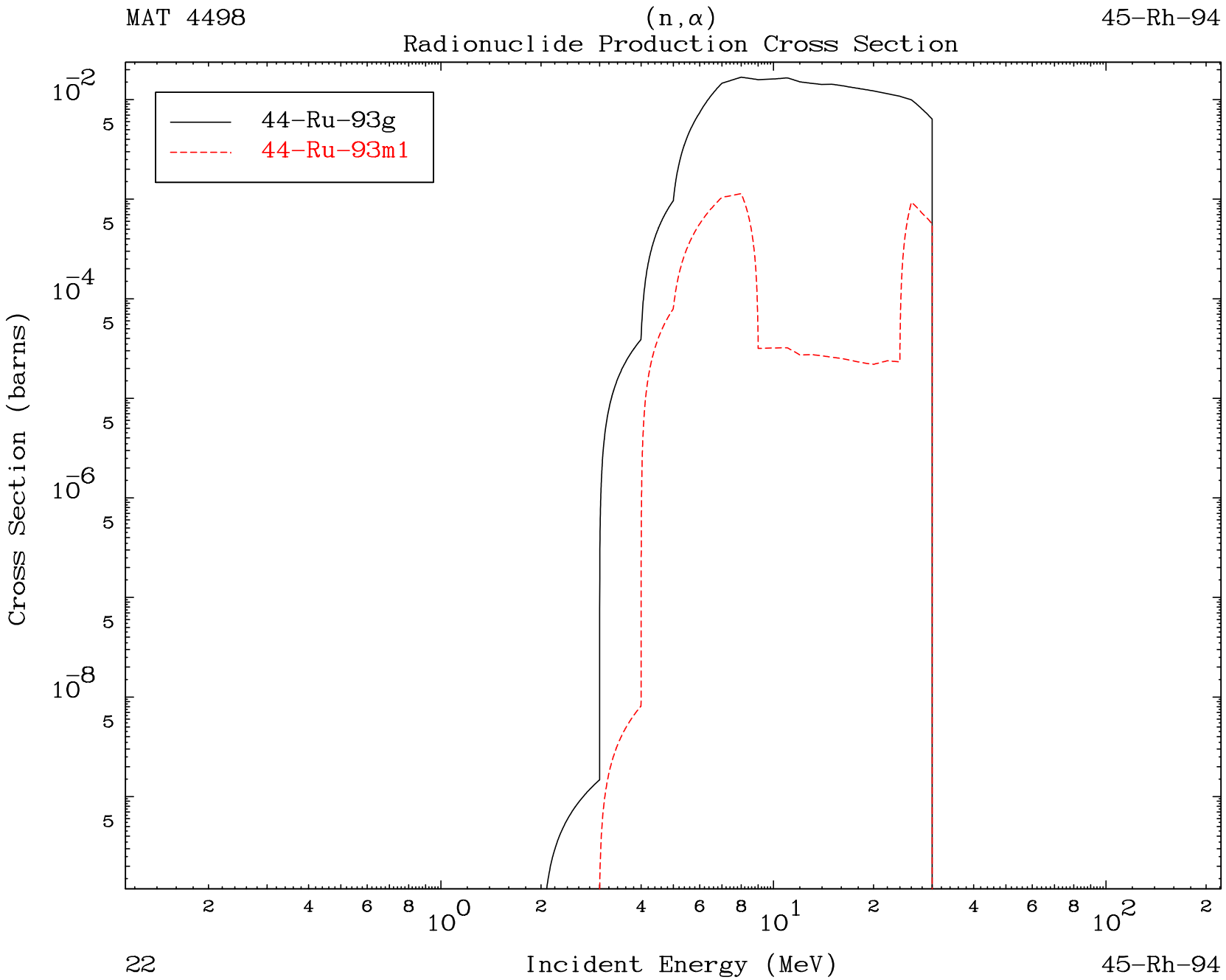

MAT 4498
(n,2n) p
45-Rh-94
Radionuclide Production Cross Section
45-Rh-94g
45-Rh-94m2
Cross Section (barns)
Incident Energy (MeV)
17
45-Rh-94

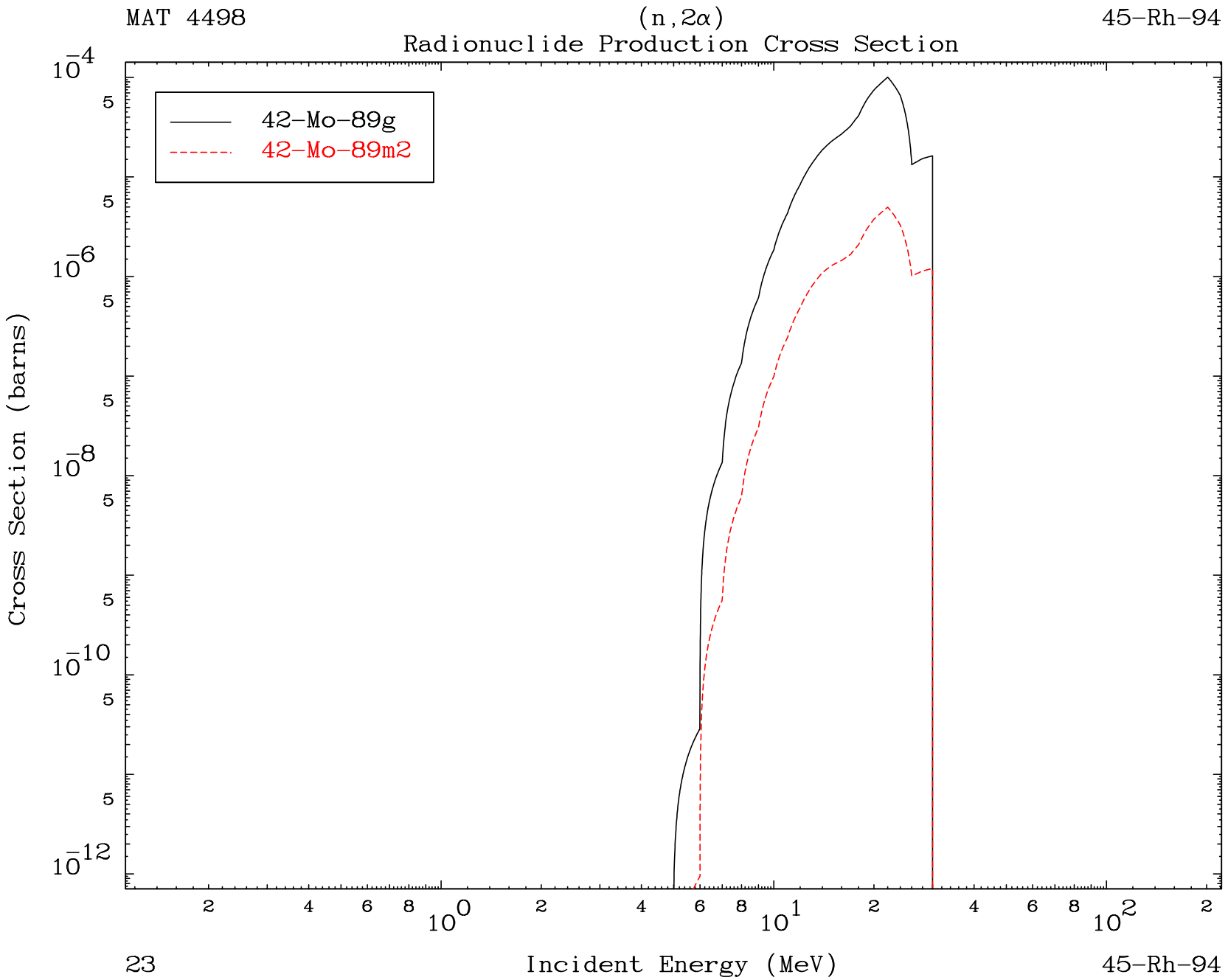

MAT 4498
(n,n') p α
45-Rh-94
Radionuclide Production Cross Section
43-Tc-91g
43-Tc-91m1
Cross Section (barns)
Incident Energy (MeV)
18
45-Rh-94

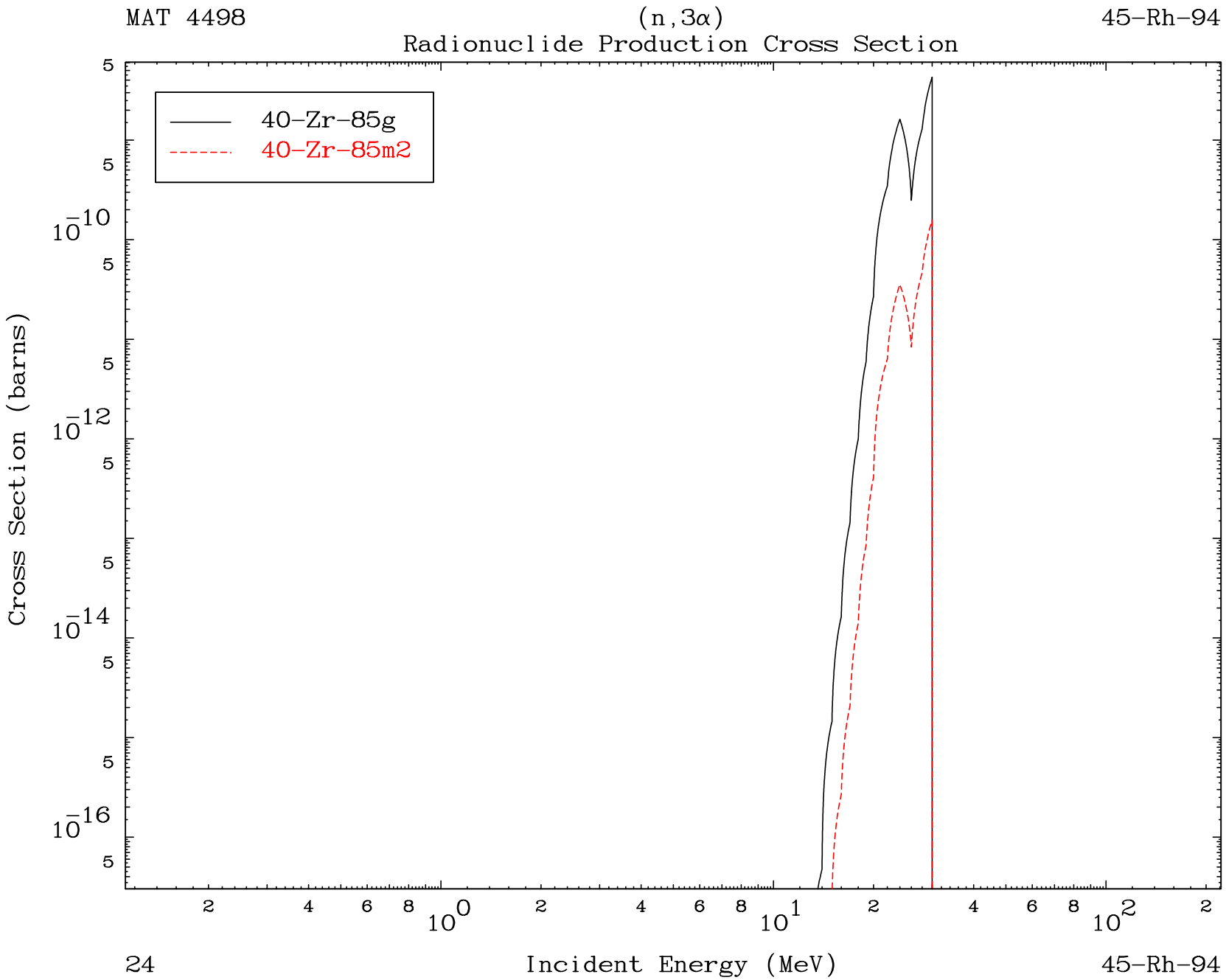

MAT 4498
(n,p)
45-Rh-94
Radionuclide Production Cross Section
45-Rh-96g
45-Rh-96m1
Cross Section (barns)
Incident Energy (MeV)
19
45-Rh-94

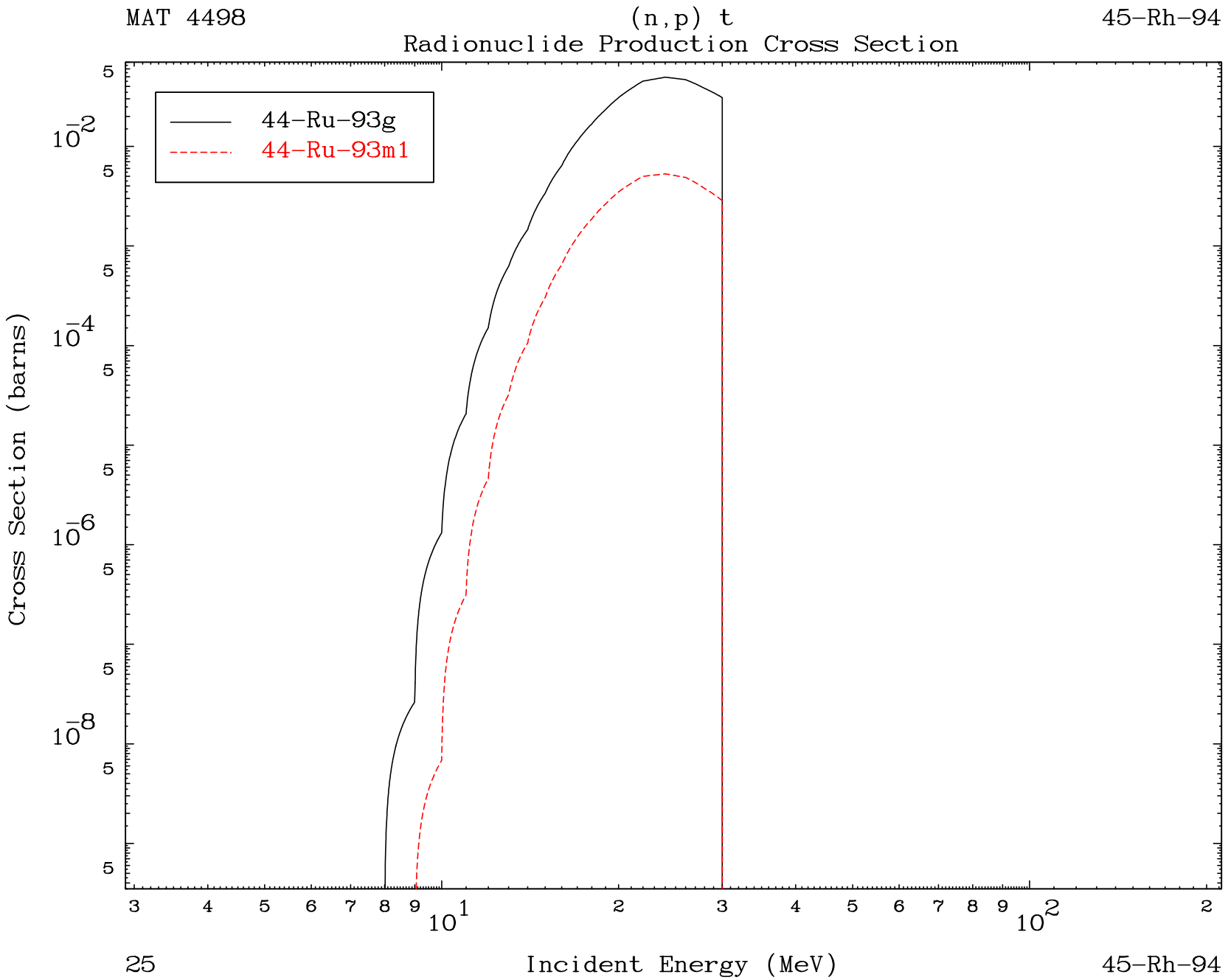

MAT 4498
(n,d)
45-Rh-94
Radionuclide Production Cross Section
45-Rh-95g
45-Rh-95m1
Cross Section (barns)
Incident Energy (MeV)
20
45-Rh-94

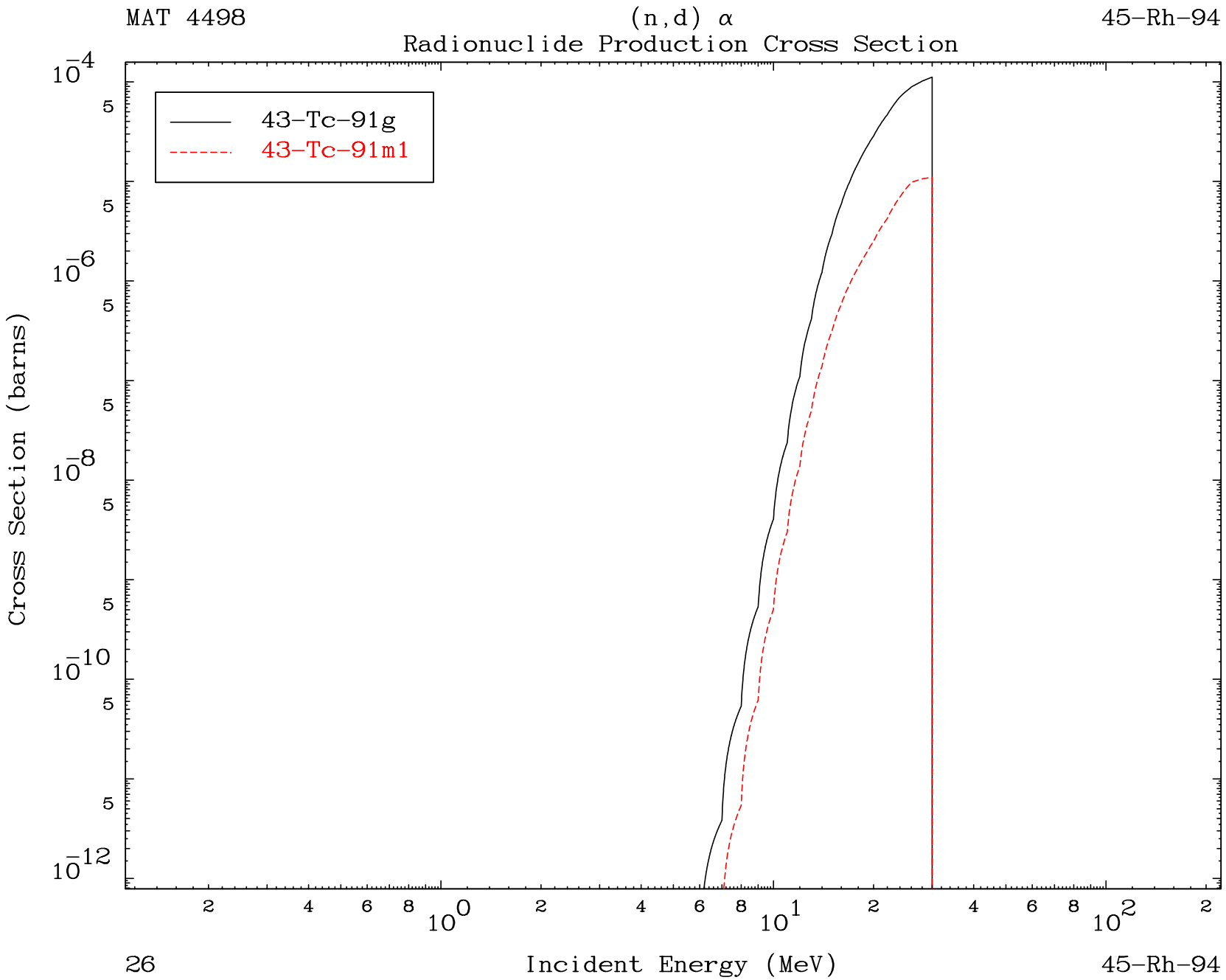

MAT 4498
(n,t)
45-Rh-94
Radionuclide Production Cross Section
45-Rh-94g
45-Rh-94m2
Cross Section (barns)
Incident Energy (MeV)
21
45-Rh-94


MAT 4498
(n,α)
45-Rh-94
Radionuclide Production Cross Section
44-Ru-93g
44-Ru-93m1
Cross Section (barns)
Incident Energy (MeV)
22
45-Rh-94


MAT 4498
(n,2α)
45-Rh-94
Radionuclide Production Cross Section
42-Mo-89g
42-Mo-89m2
Cross Section (barns)
Incident Energy (MeV)
23
45-Rh-94


MAT 4498
(n,3α)
45-Rh-94
Radionuclide Production Cross Section
40-Zr-85g
40-Zr-85m2
Cross Section (barns)
Incident Energy (MeV)
24
45-Rh-94


MAT 4498
(n,p) t
45-Rh-94
Radionuclide Production Cross Section
44-Ru-93g
44-Ru-93m1
Cross Section (barns)
Incident Energy (MeV)
25
45-Rh-94


MAT 4498
(n,d) α
45-Rh-94
Radionuclide Production Cross Section
43-Tc-91g
43-Tc-91m1
Cross Section (barns)
Incident Energy (MeV)
26
45-Rh-94