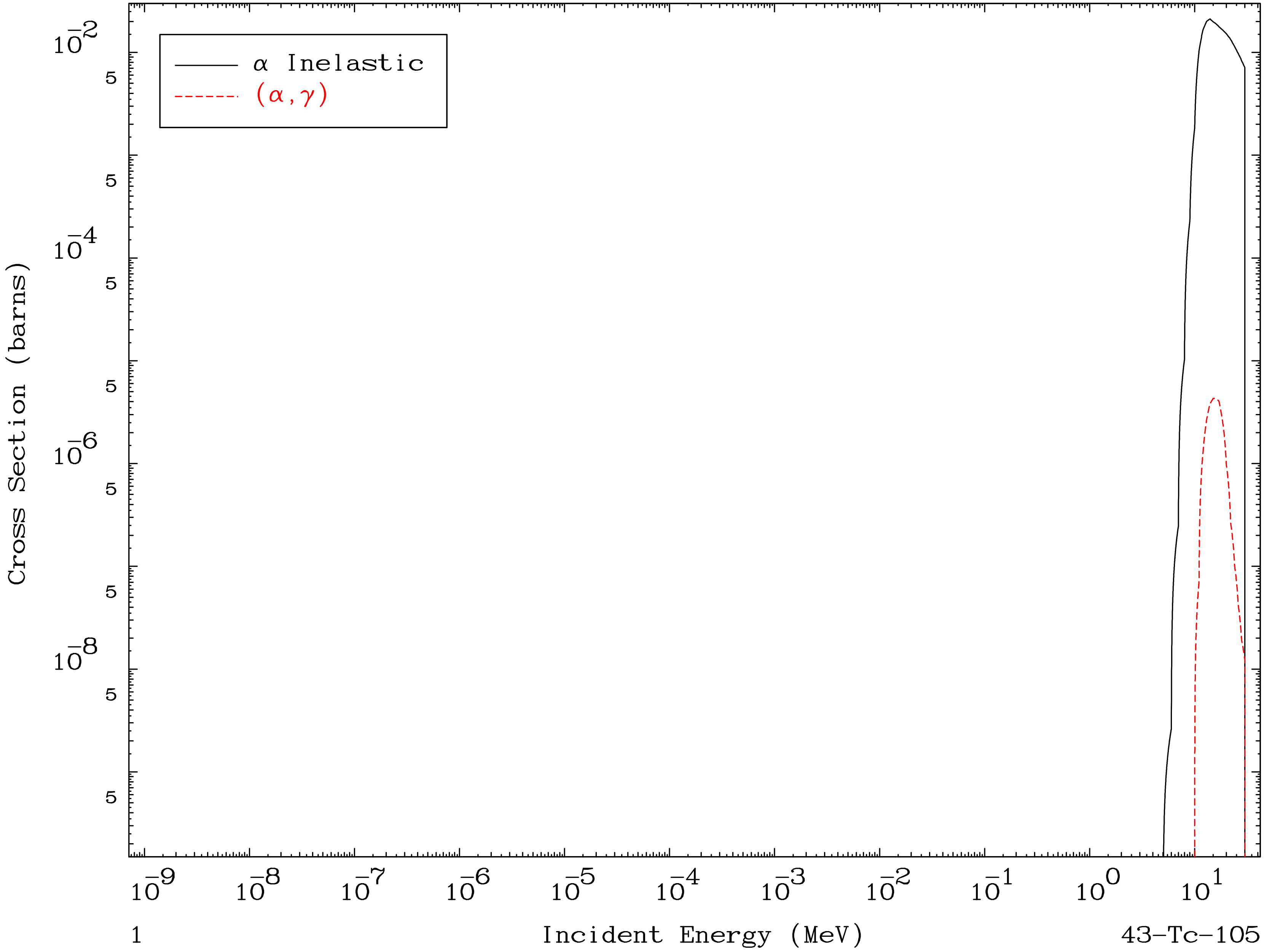
MAT 4343

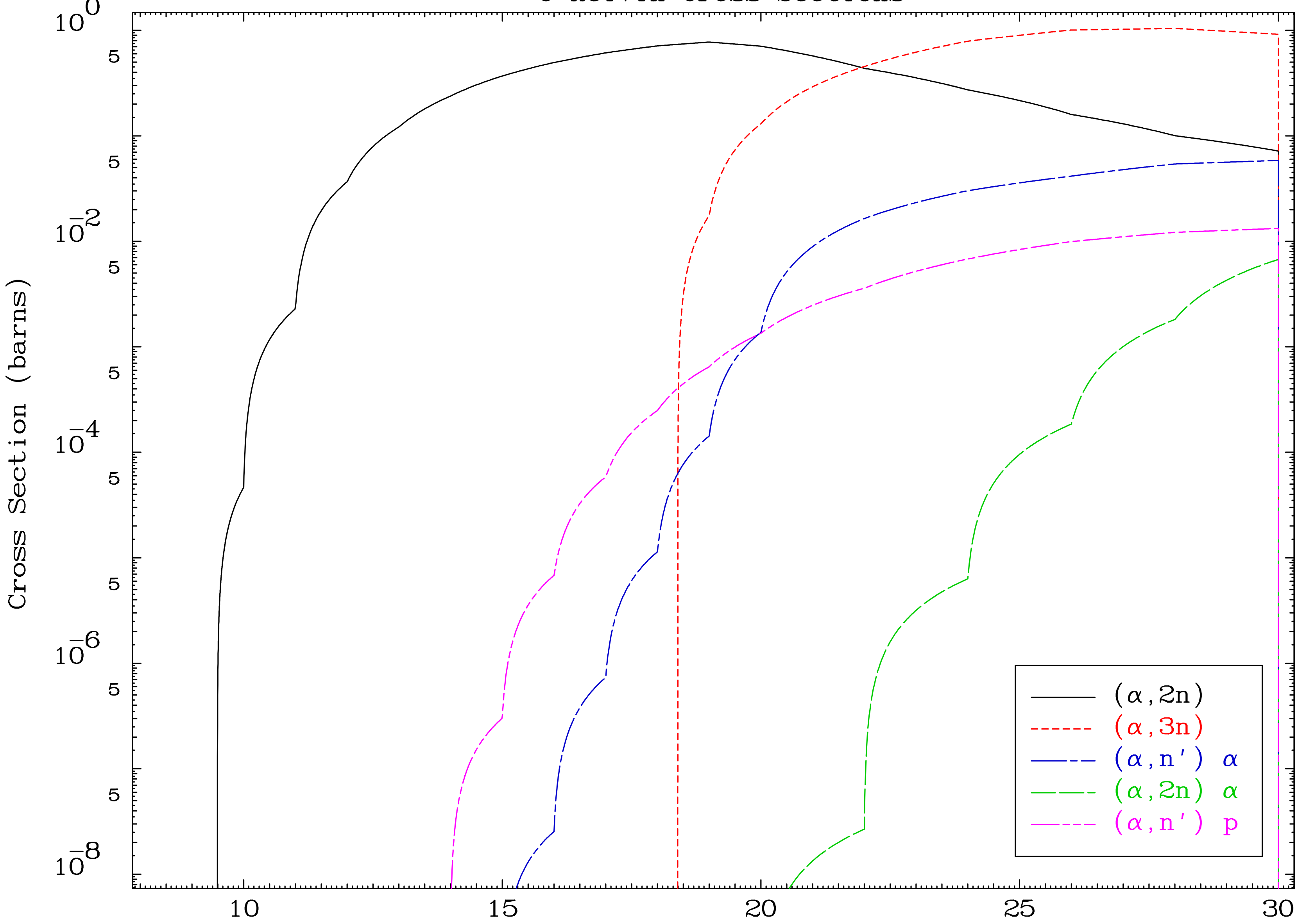
α Major

0 Kelvin Cross Sections

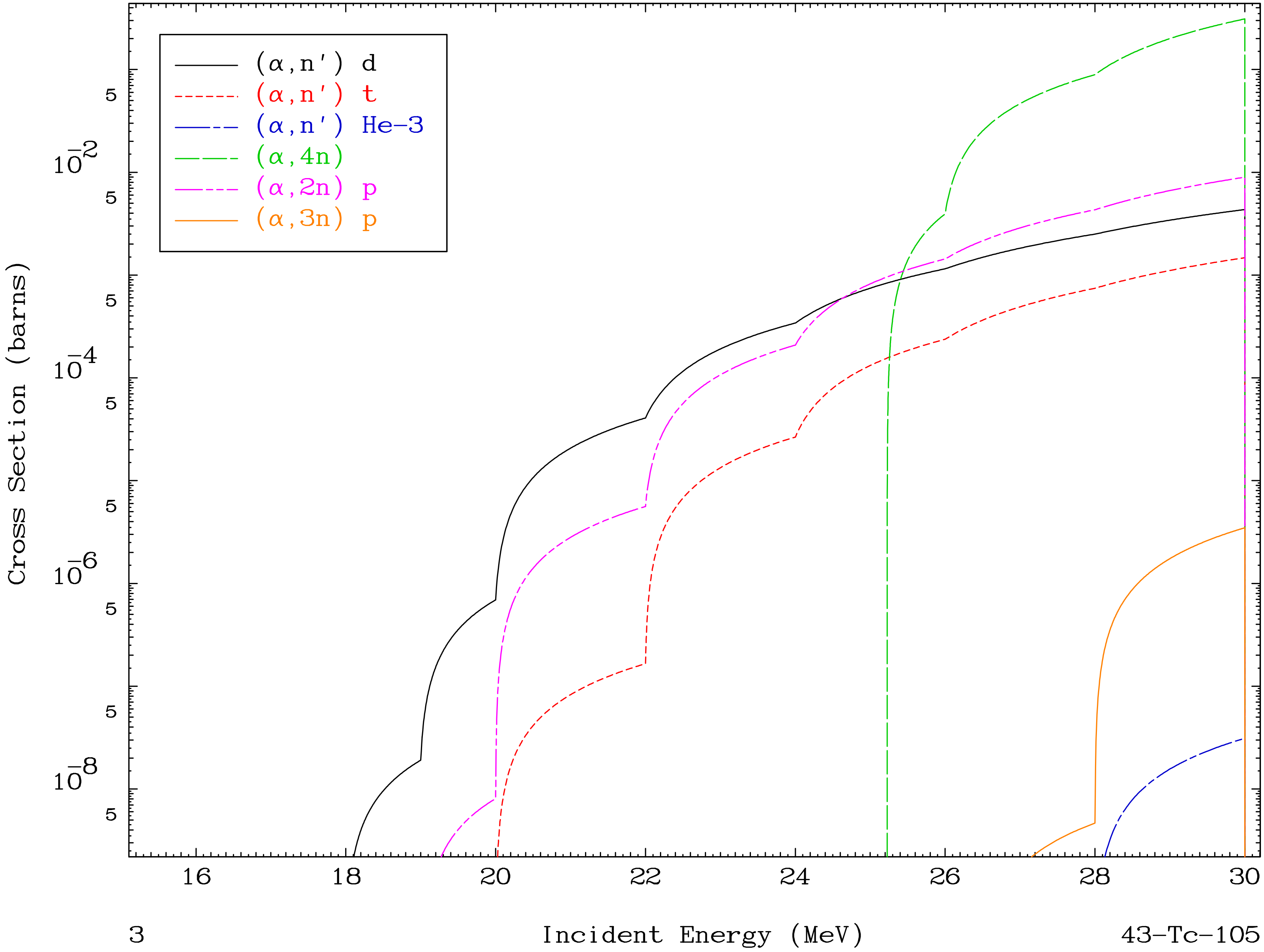
43-Tc-105



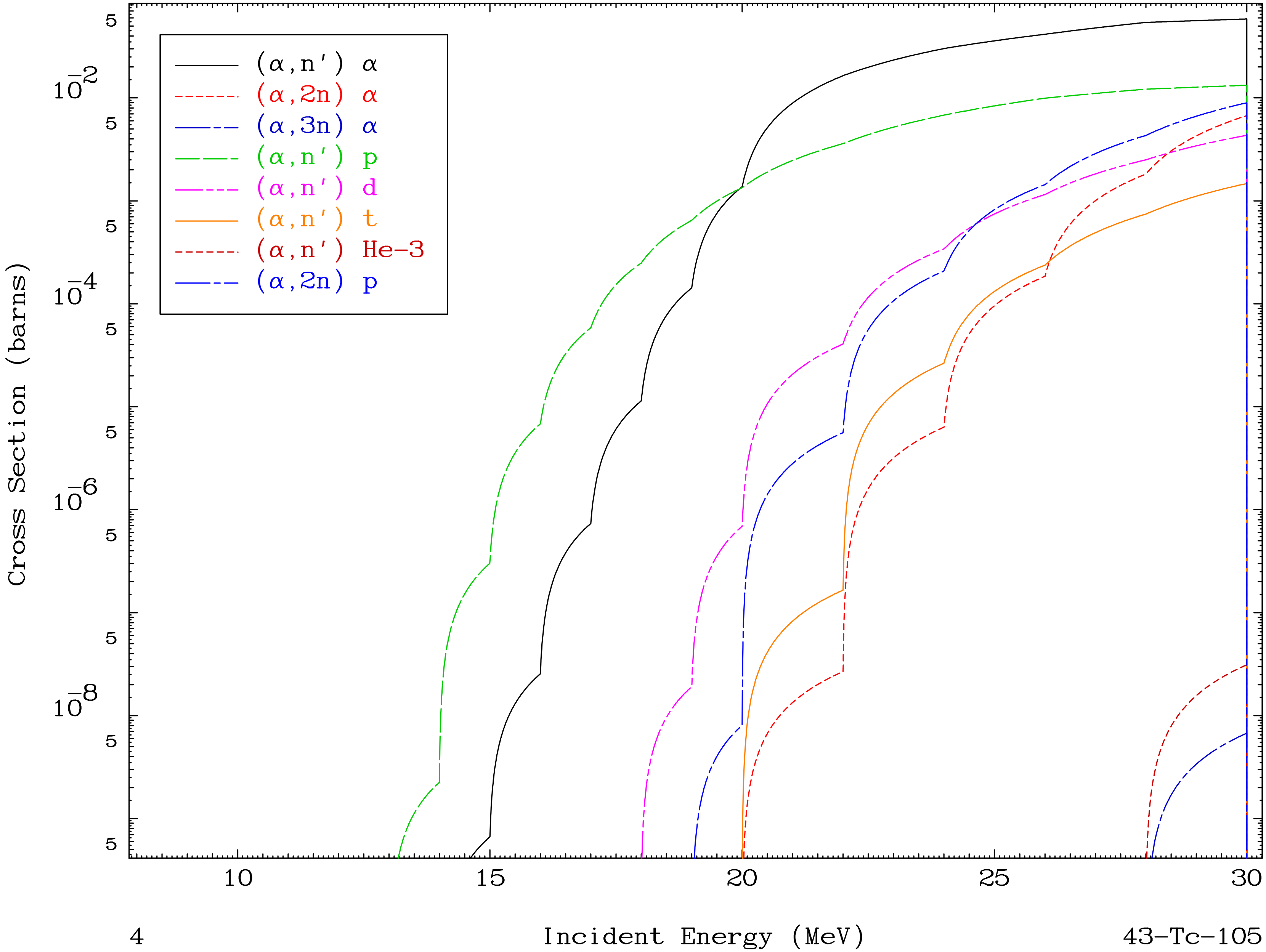
α Neutron Production
0 Kelvin Cross Sections



α Neutron Production
0 Kelvin Cross Sections

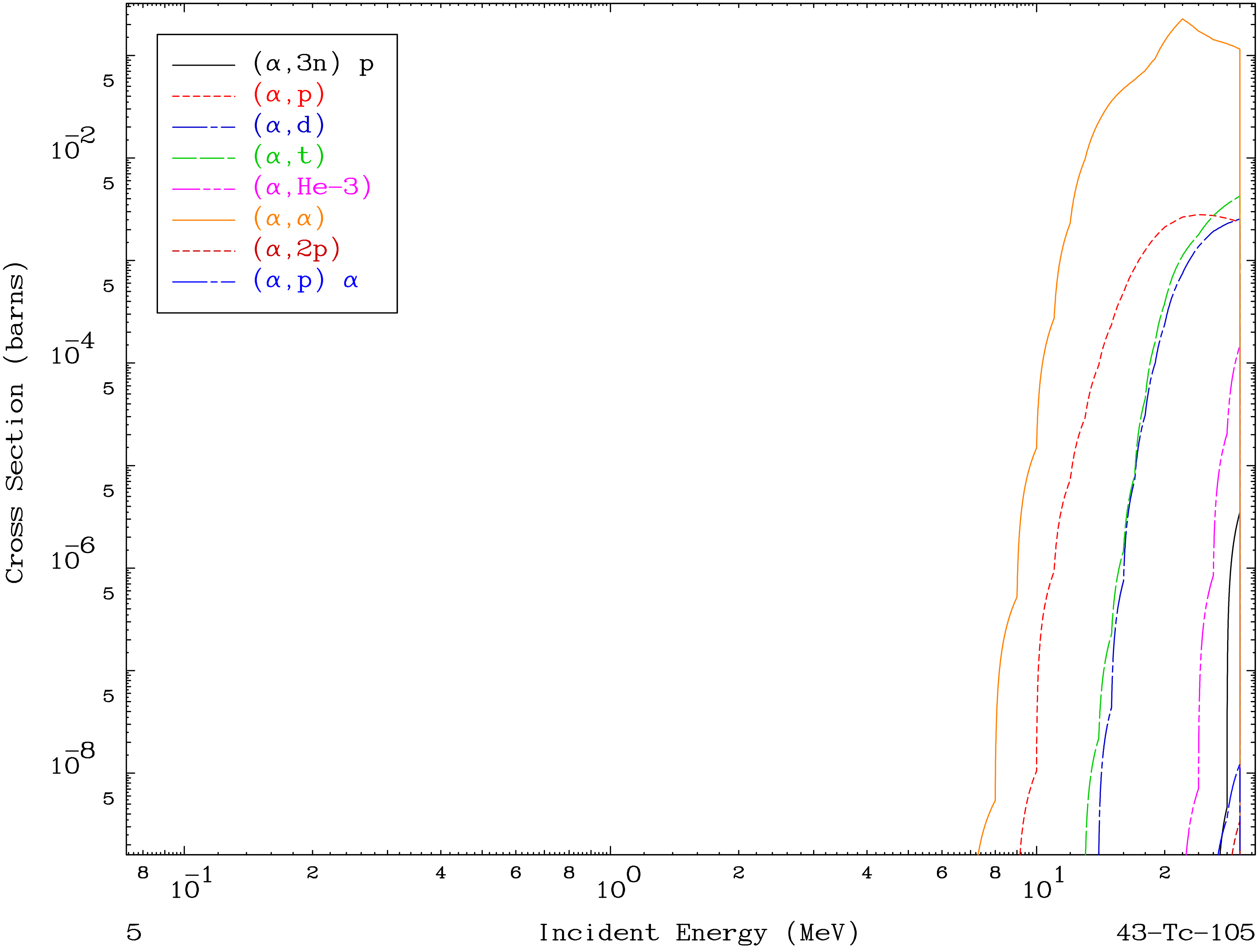


α Charged Particle
0 Kelvin Cross Sections



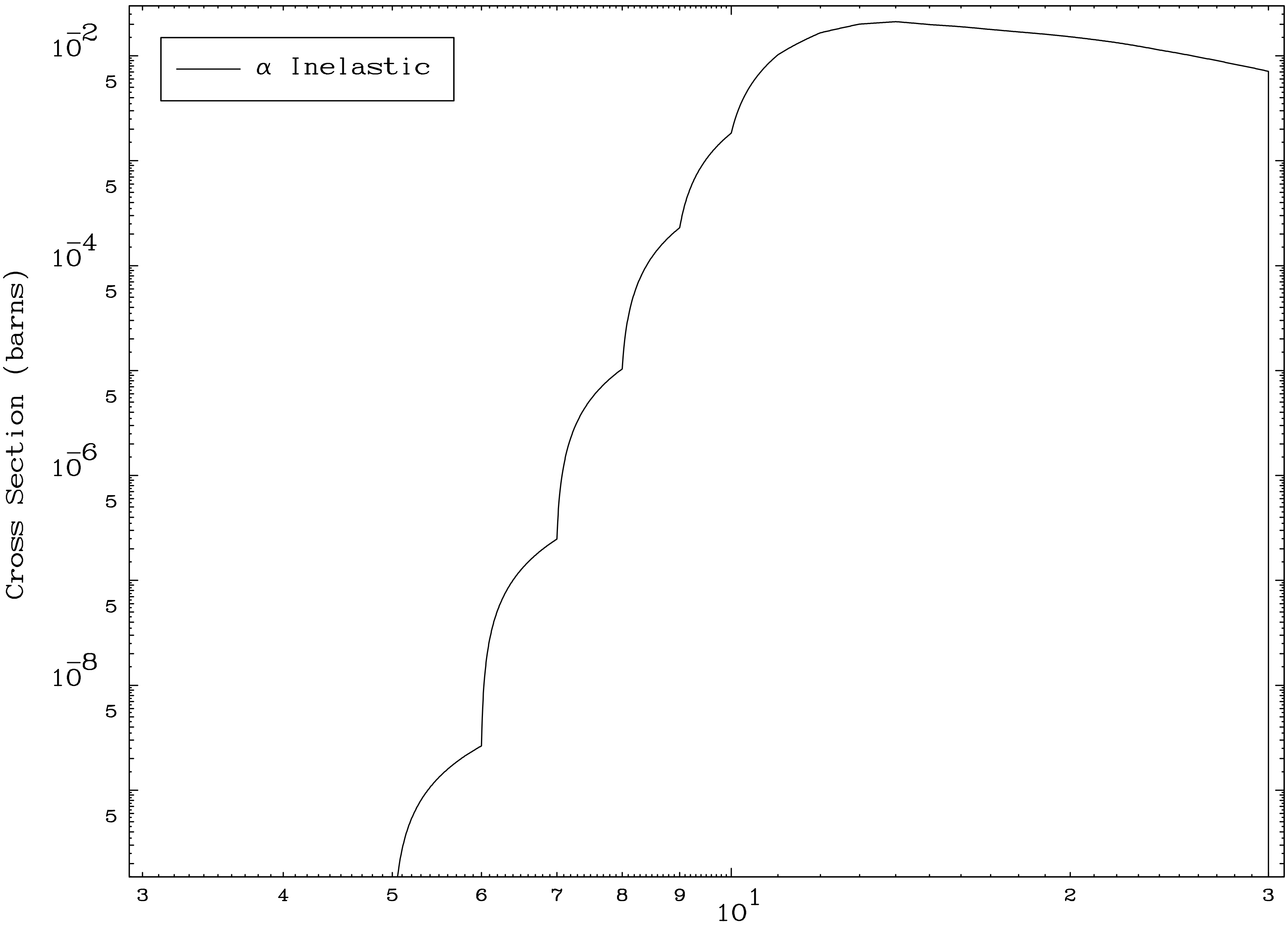
MAT 4343 α Charged Particle 43-Tc-105

0 Kelvin Cross Sections

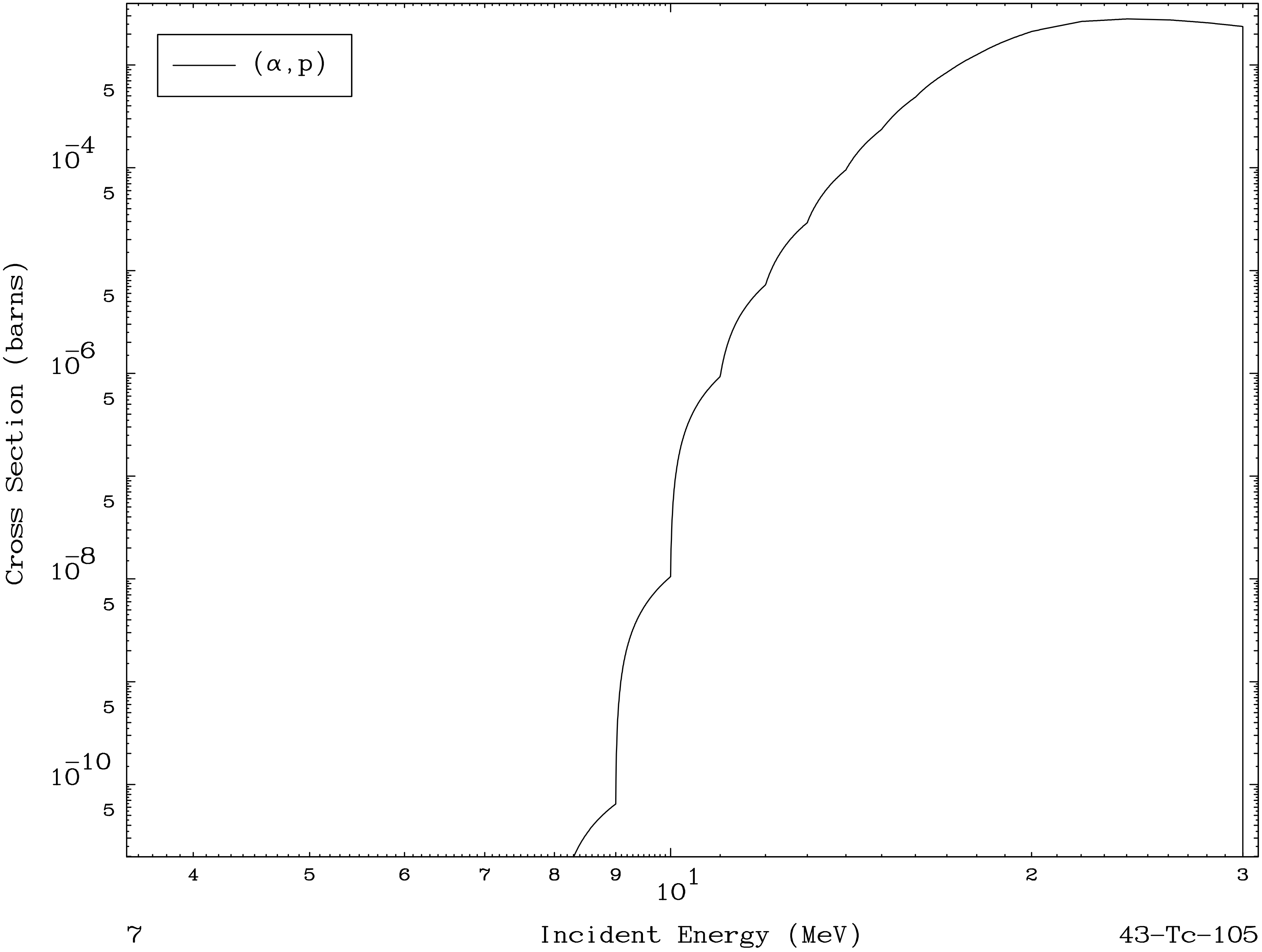


43-Tc-105

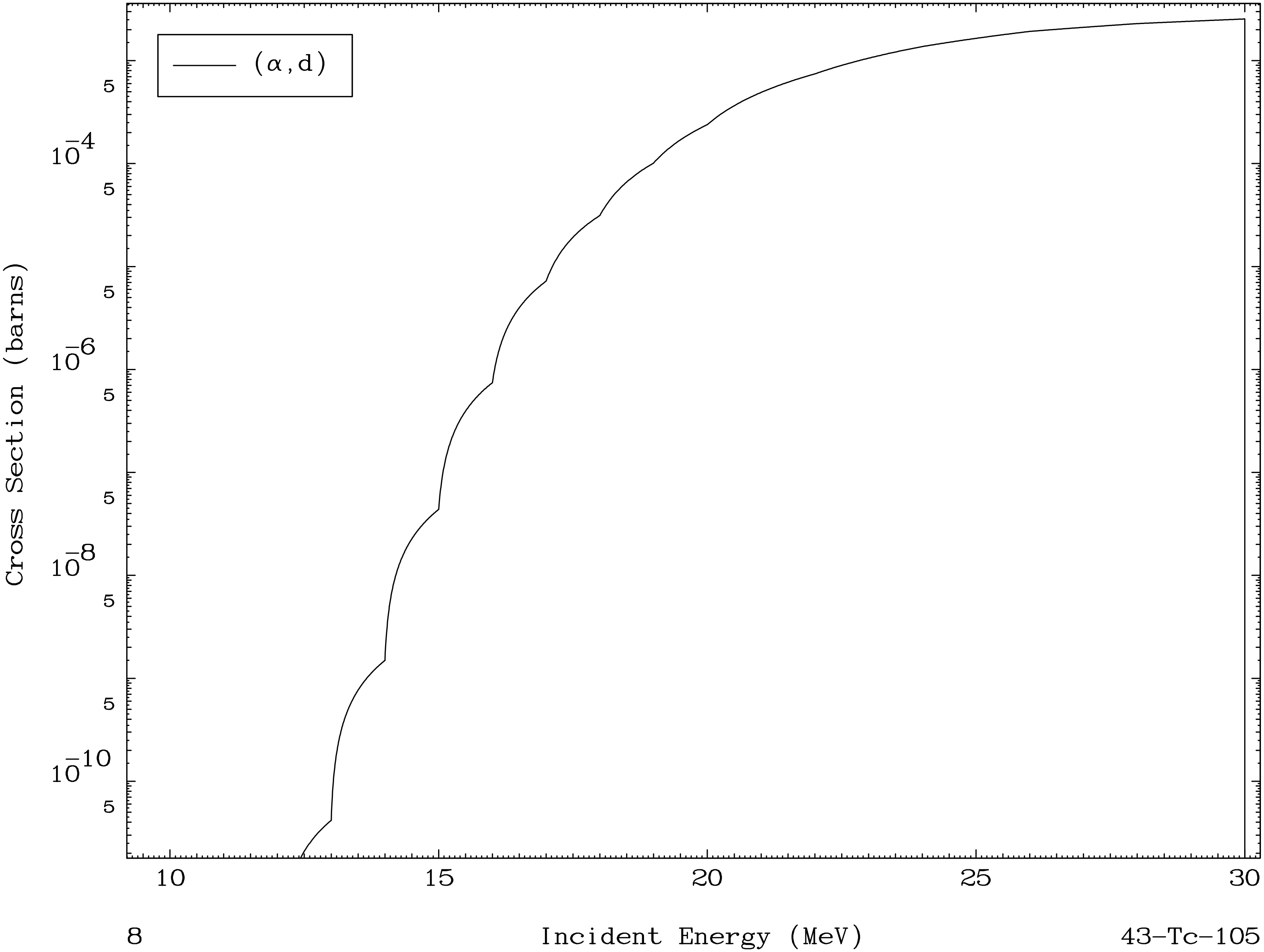
(α,n') Level
0 Kelvin Cross Sections



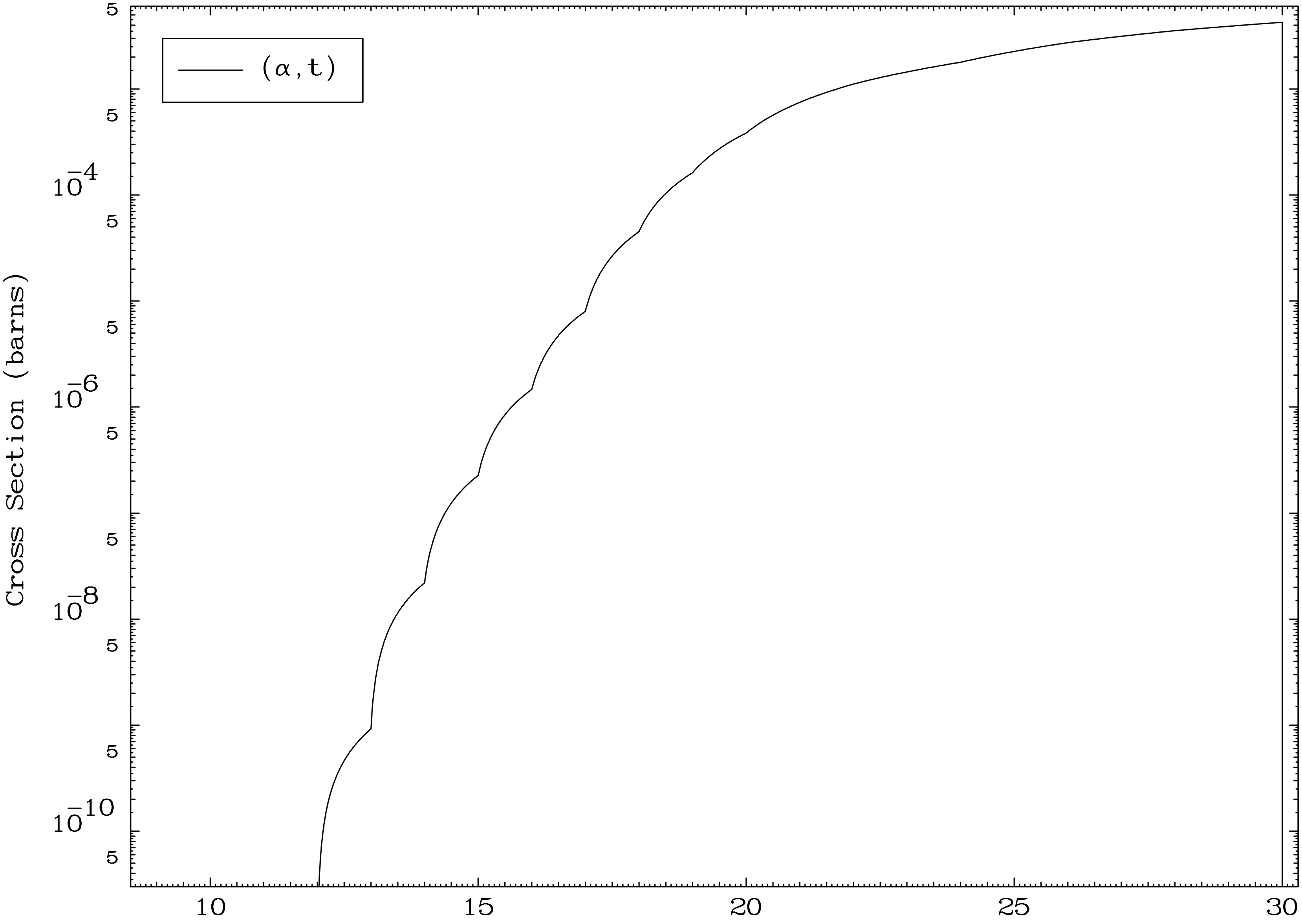
(α,p) Levels
0 Kelvin Cross Sections



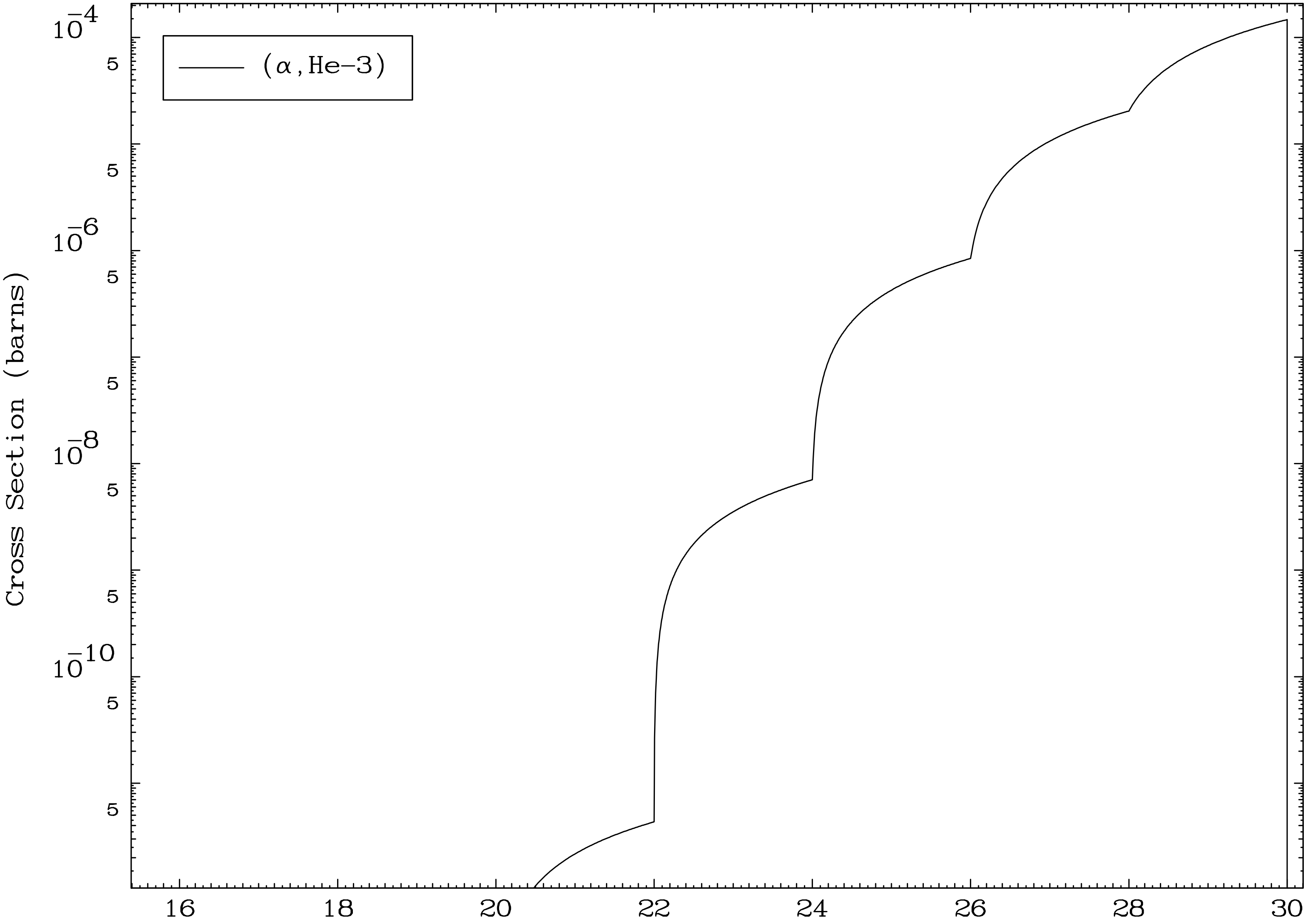
(α,d) Levels
0 Kelvin Cross Sections



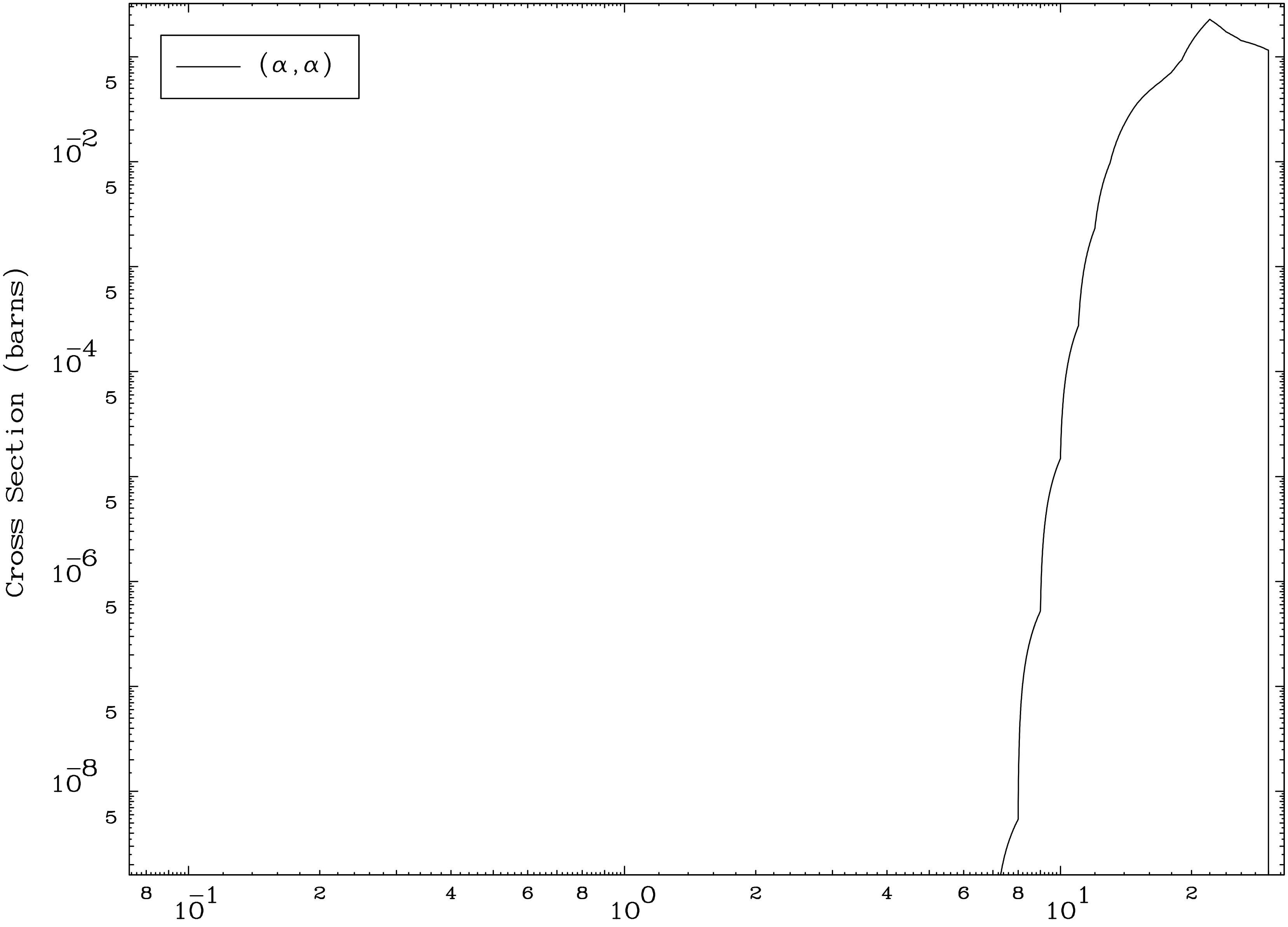
(α,t) Levels
0 Kelvin Cross Sections



(α,He3) Levels
0 Kelvin Cross Sections



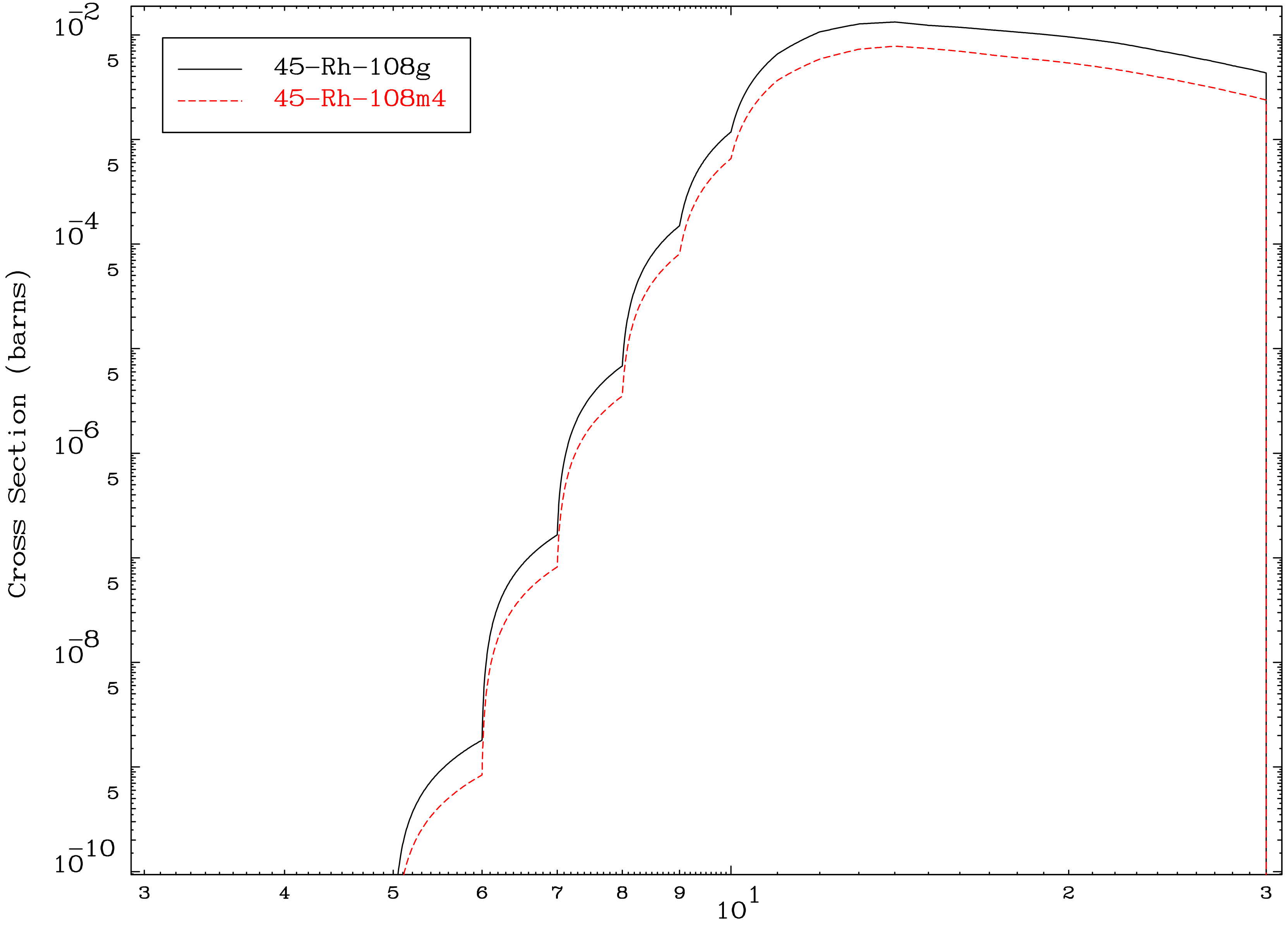
(α,α) Levels
0 Kelvin Cross Sections



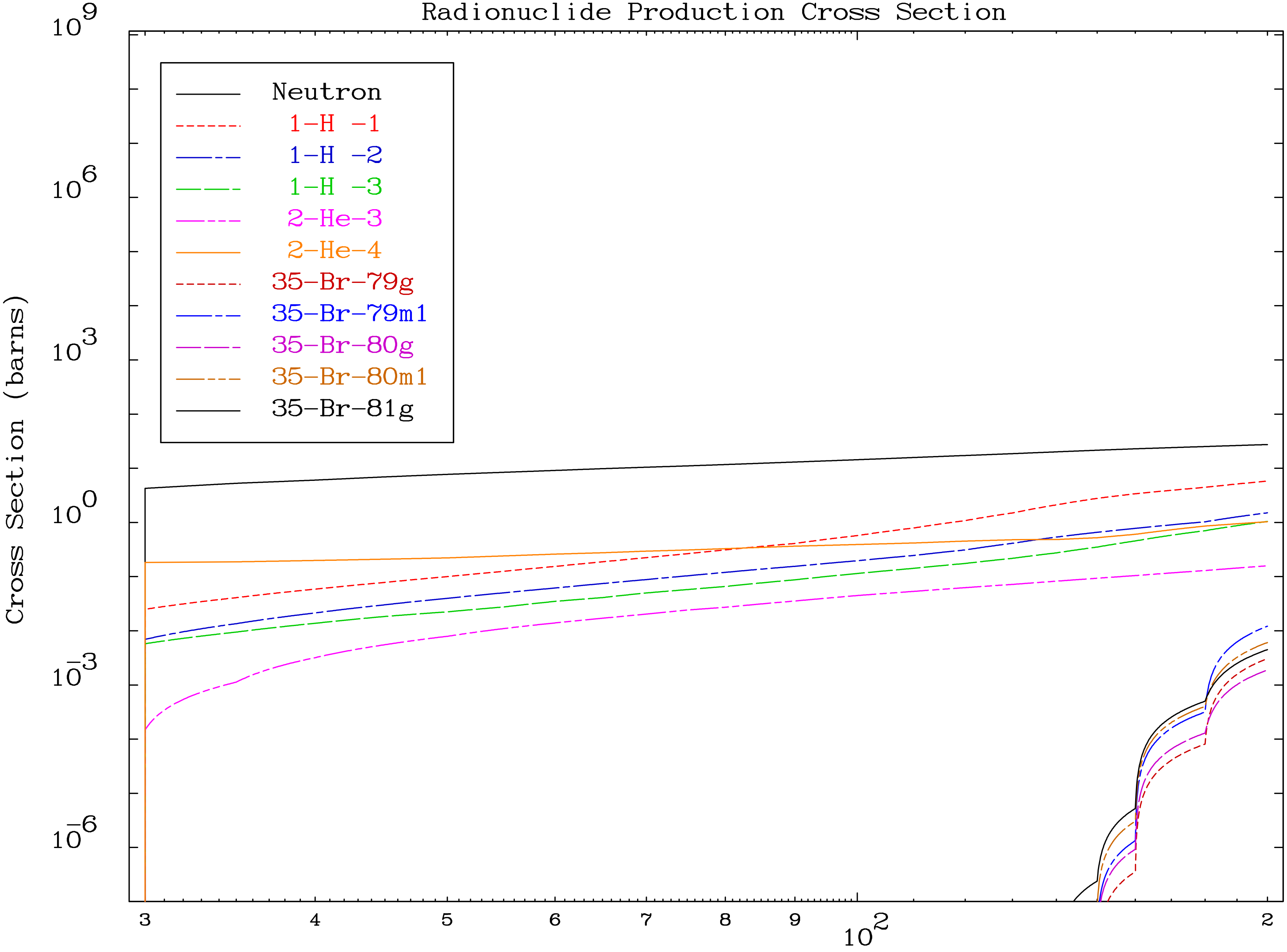
Incident Energy (MeV)

α Inelastic

Radionuclide Production Cross Section

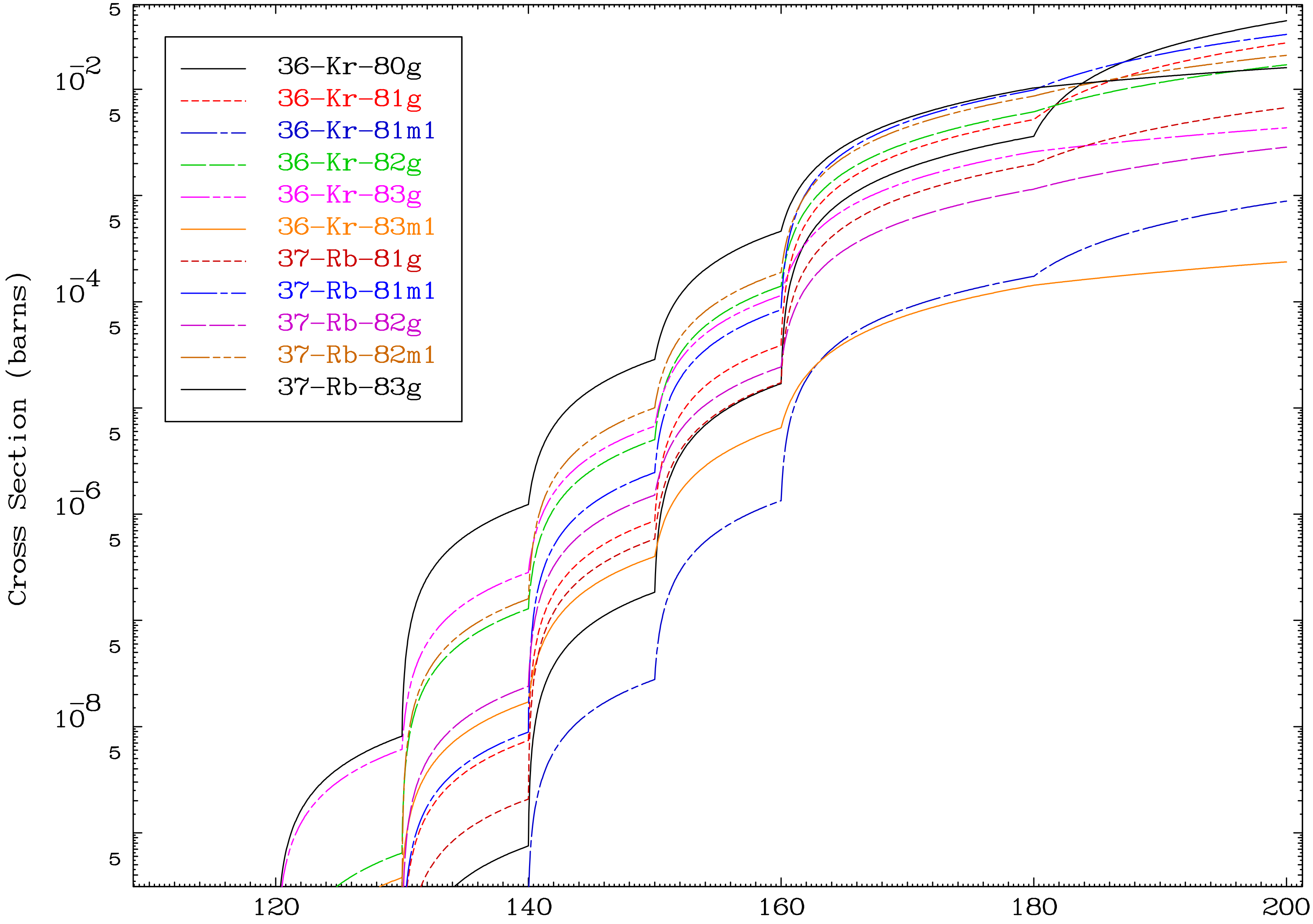


Radionuclide Production Cross Section

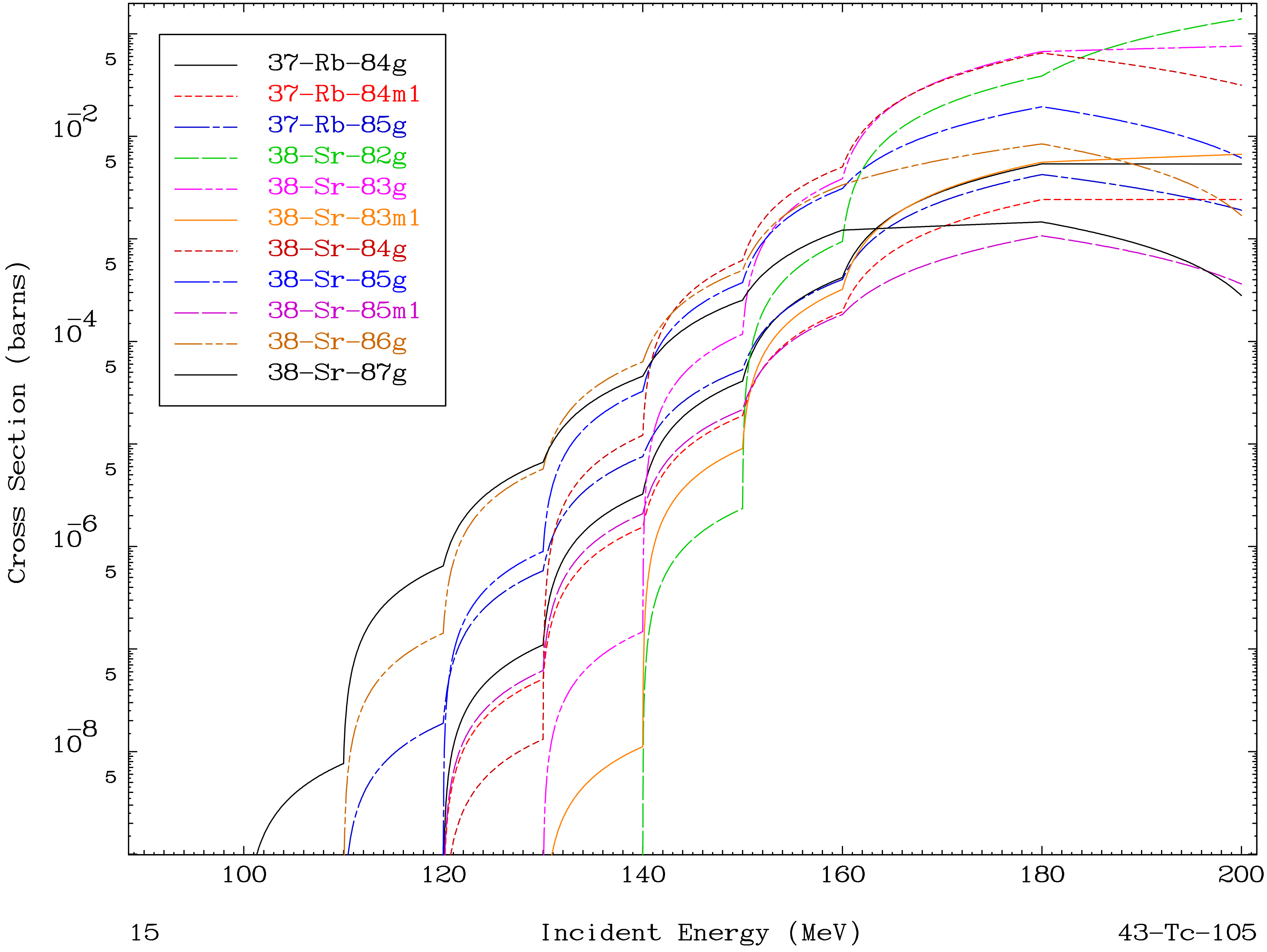


MAT 4343 (α,remainder) 43-Tc-105

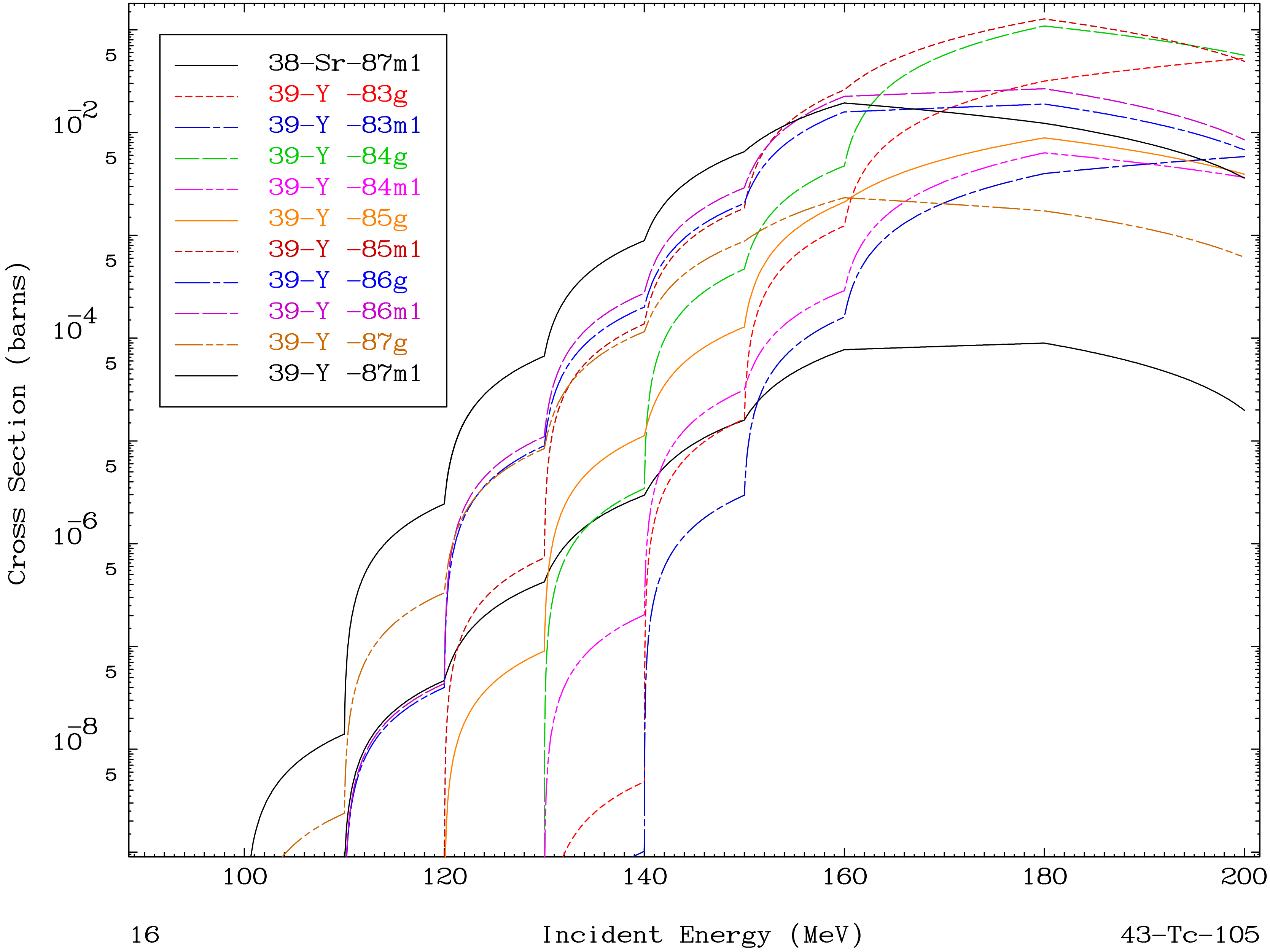
Radionuclide Production Cross Section



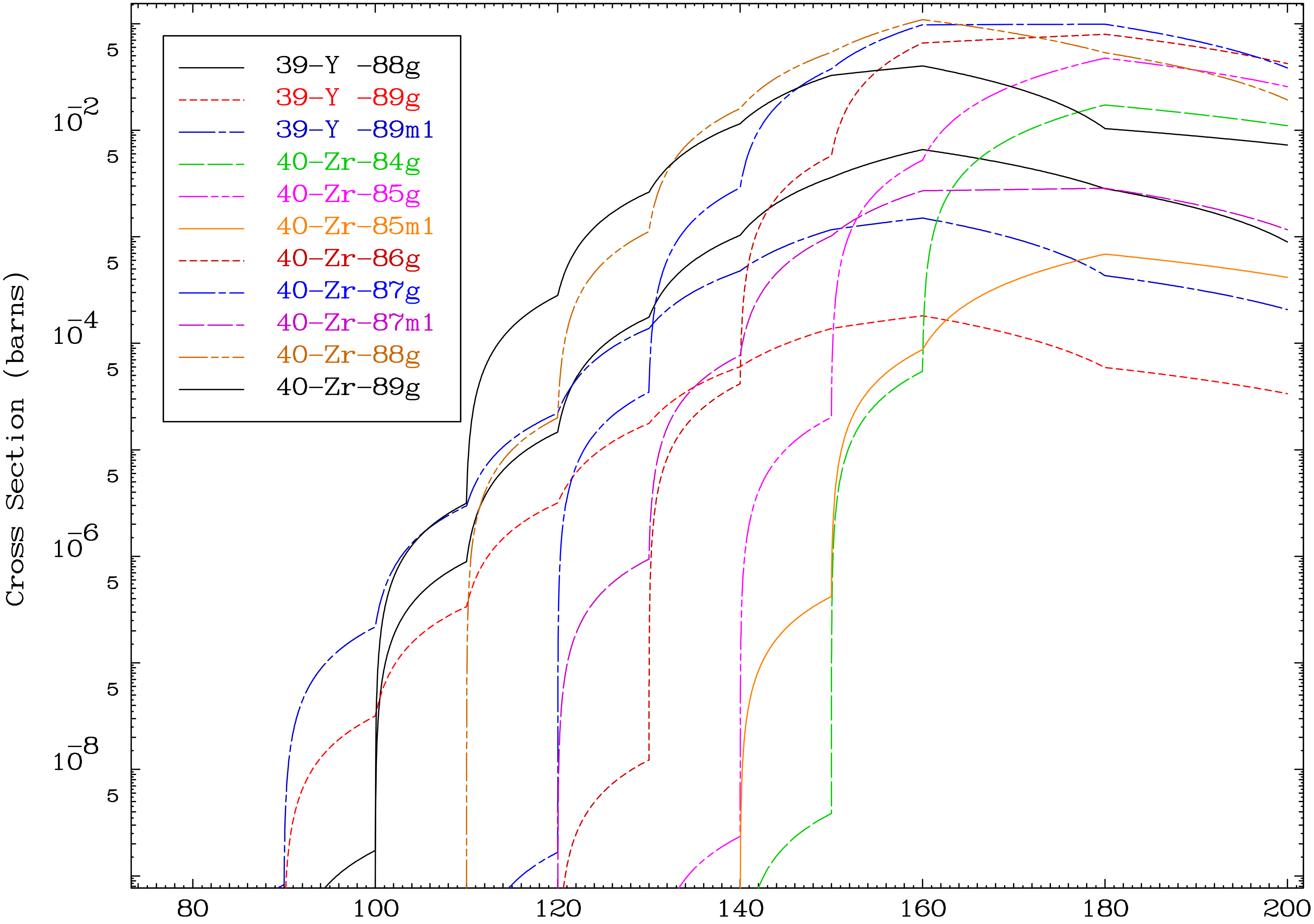
Radionuclide Production Cross Section



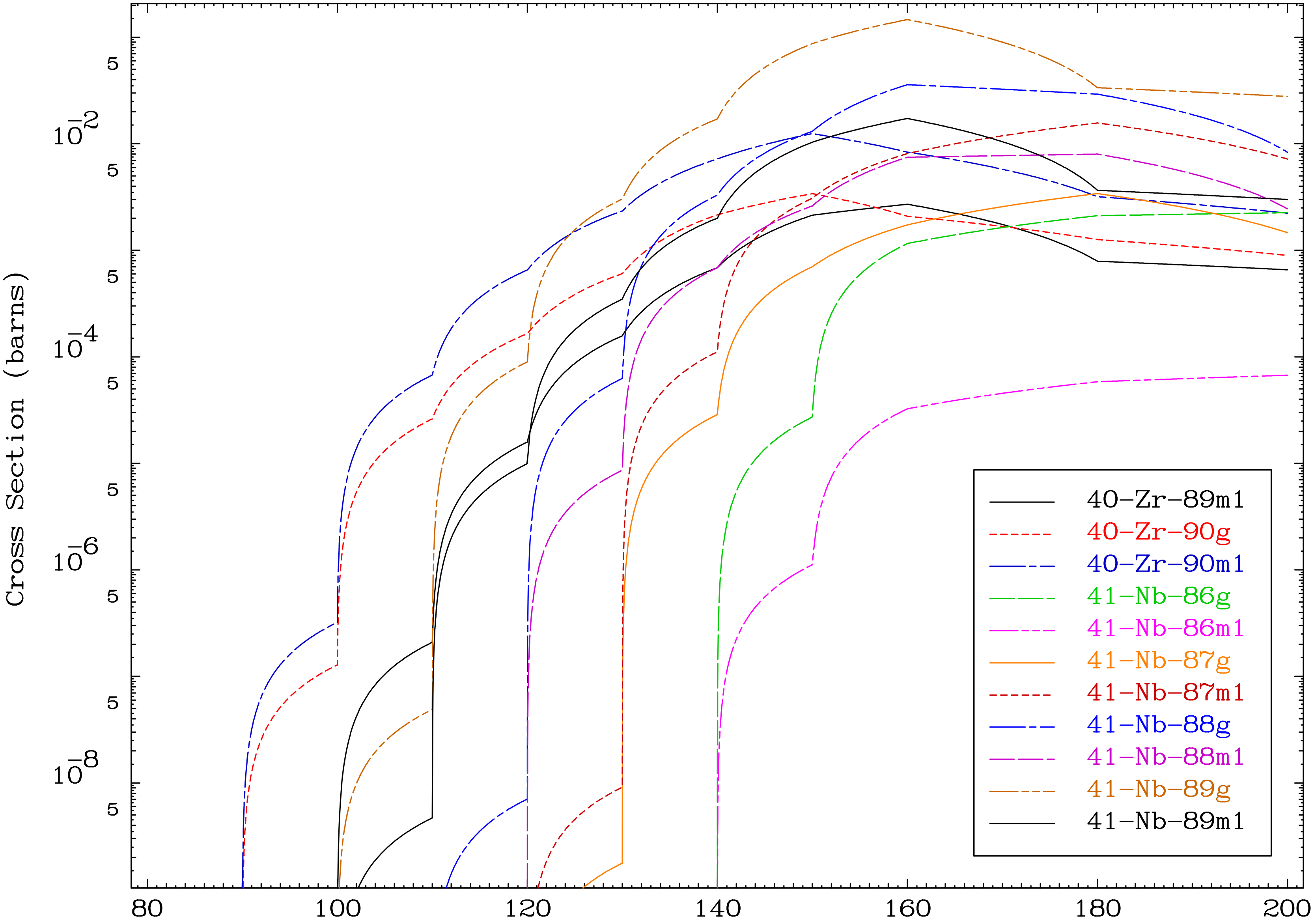
Radionuclide Production Cross Section



Radionuclide Production Cross Section



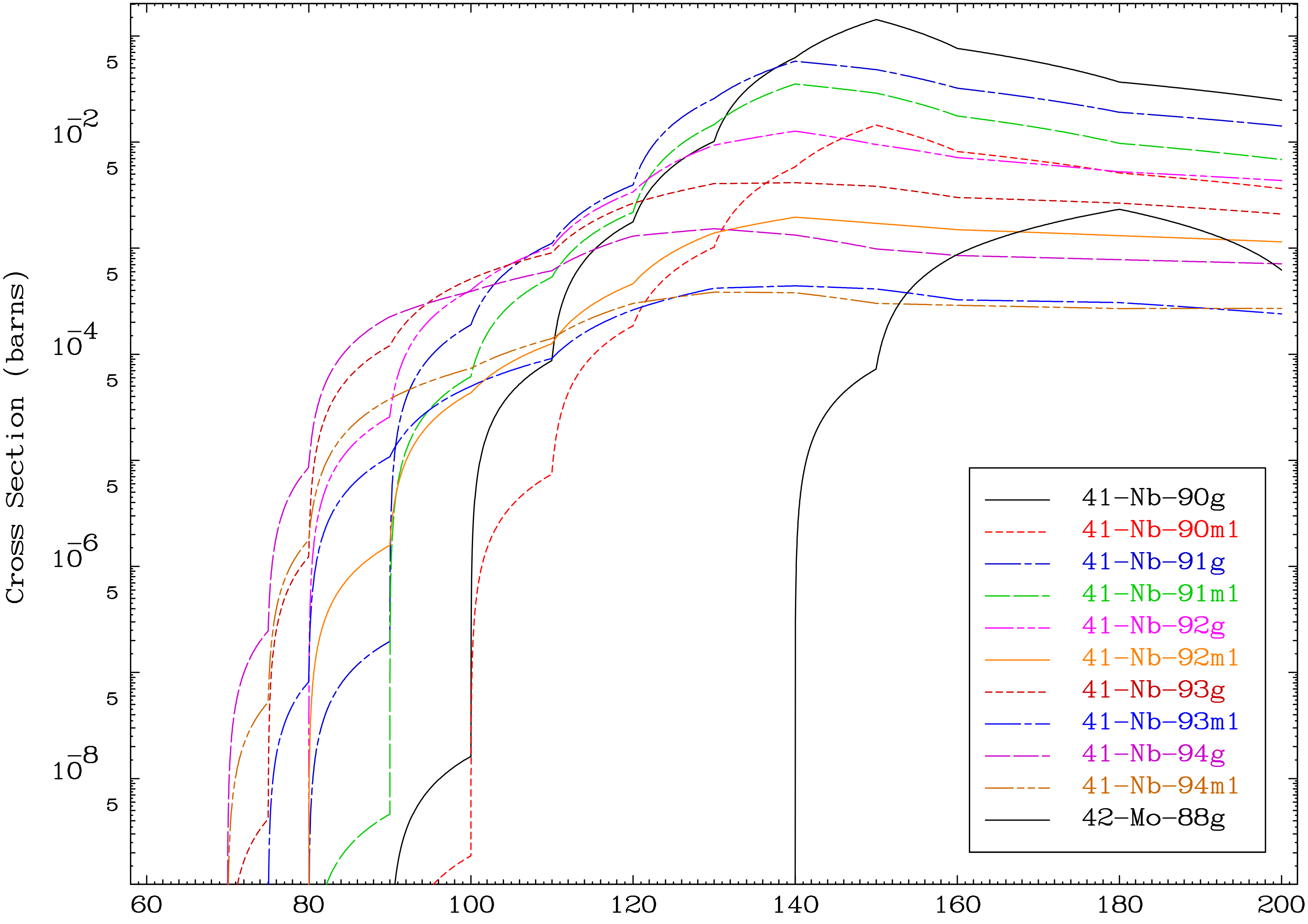
Radionuclide Production Cross Section



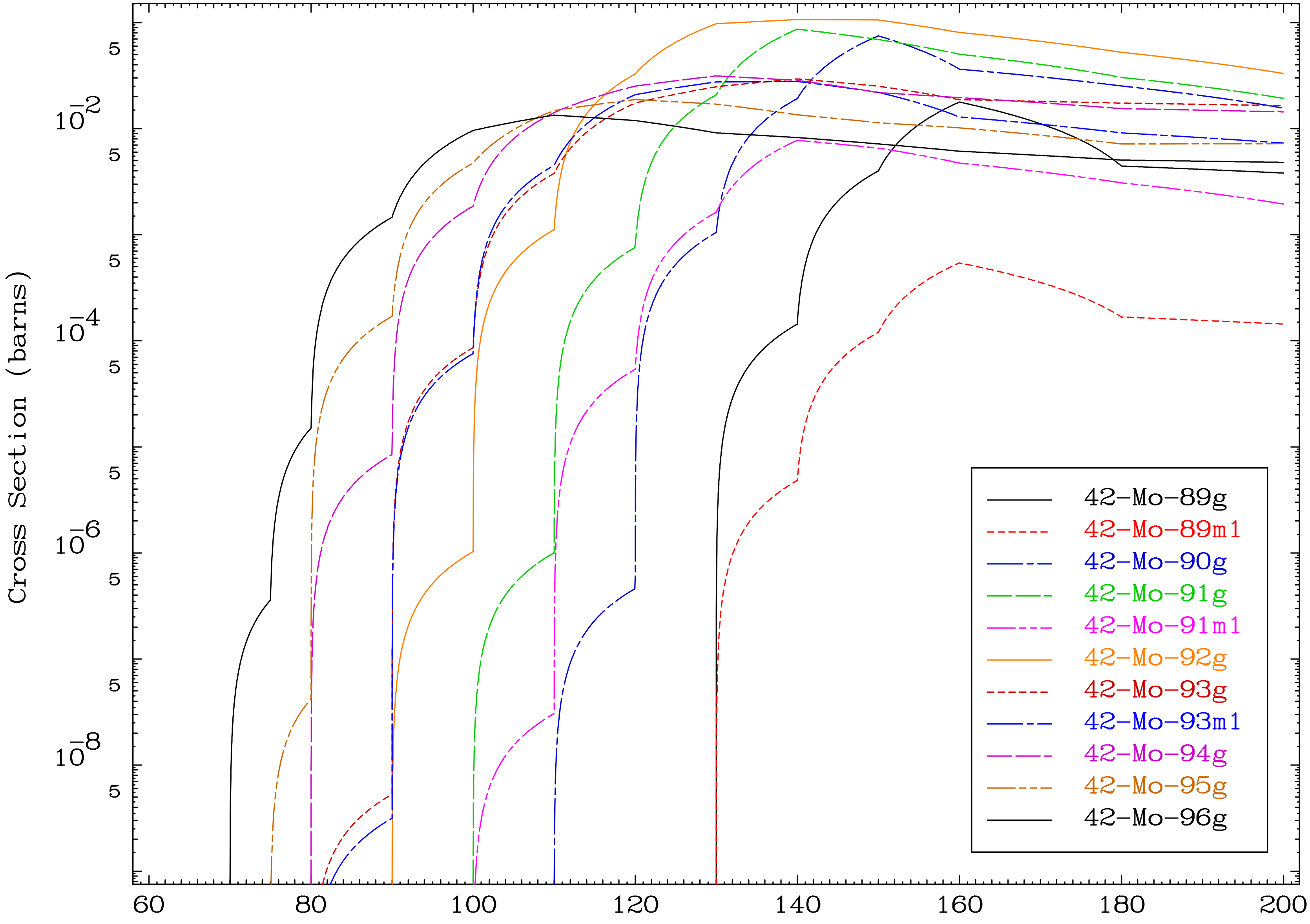
Incident Energy (MeV)

MAT 4343 (α,remainder) 43-Tc-105

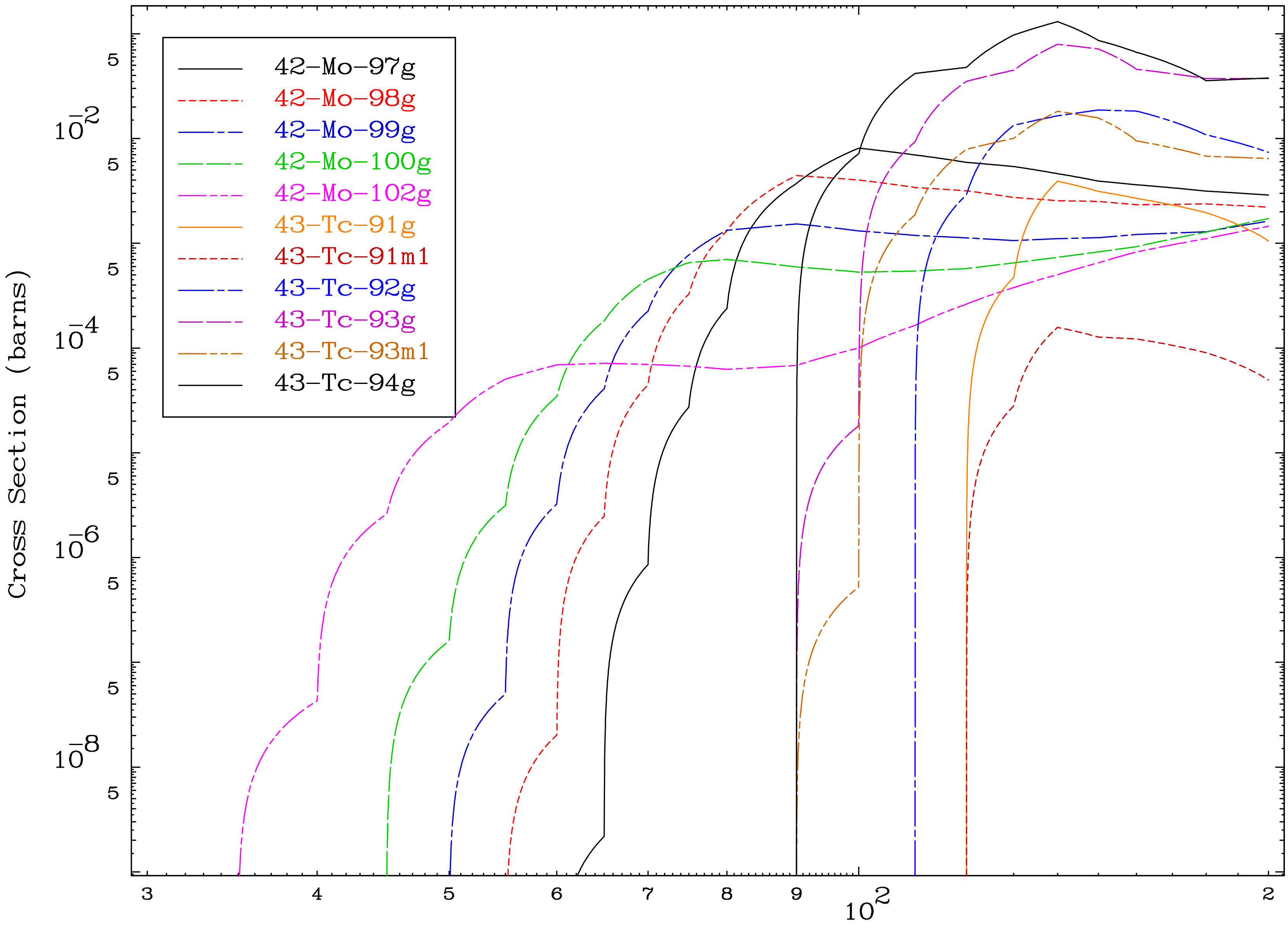
Radionuclide Production Cross Section



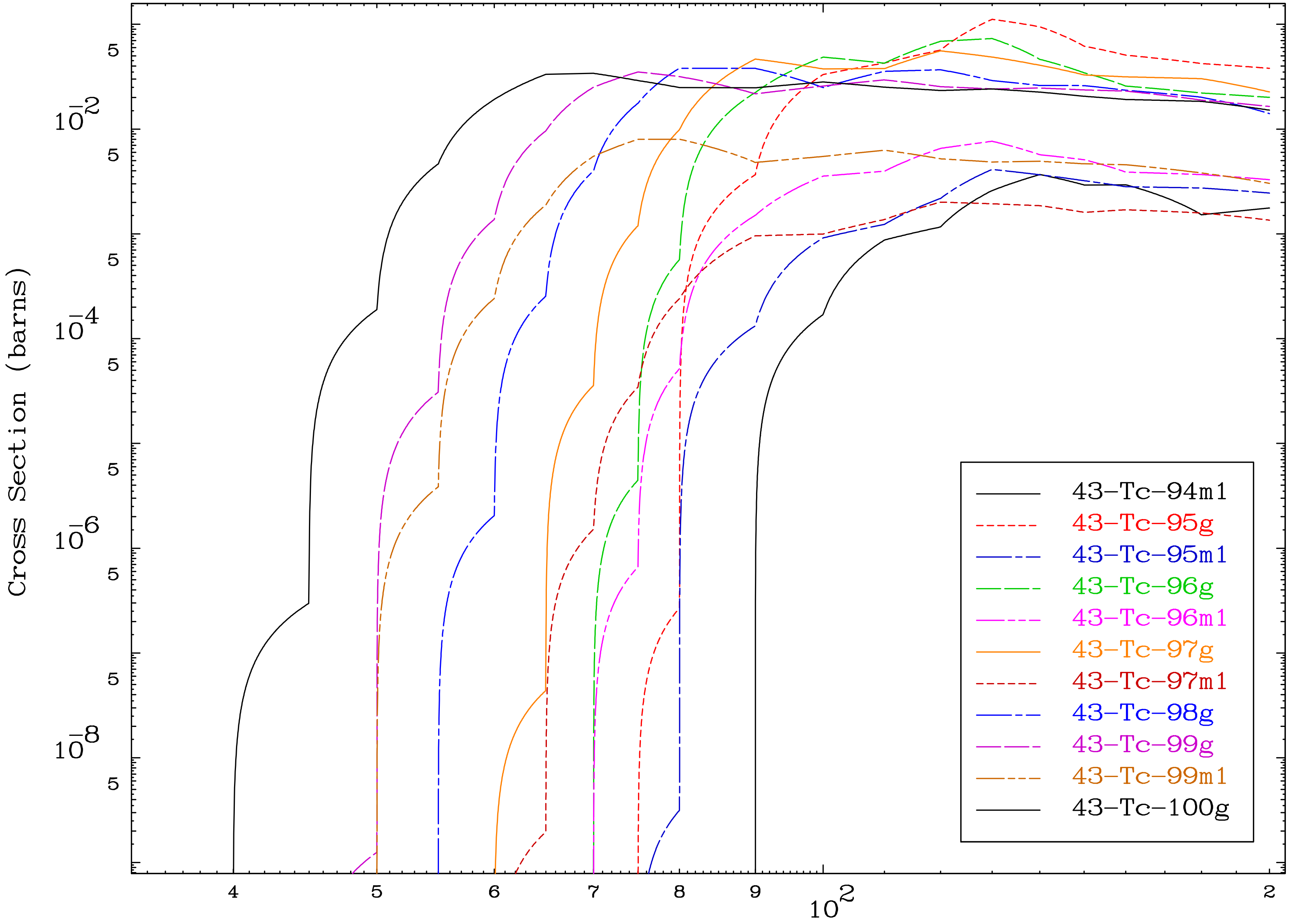
Radionuclide Production Cross Section



Radionuclide Production Cross Section



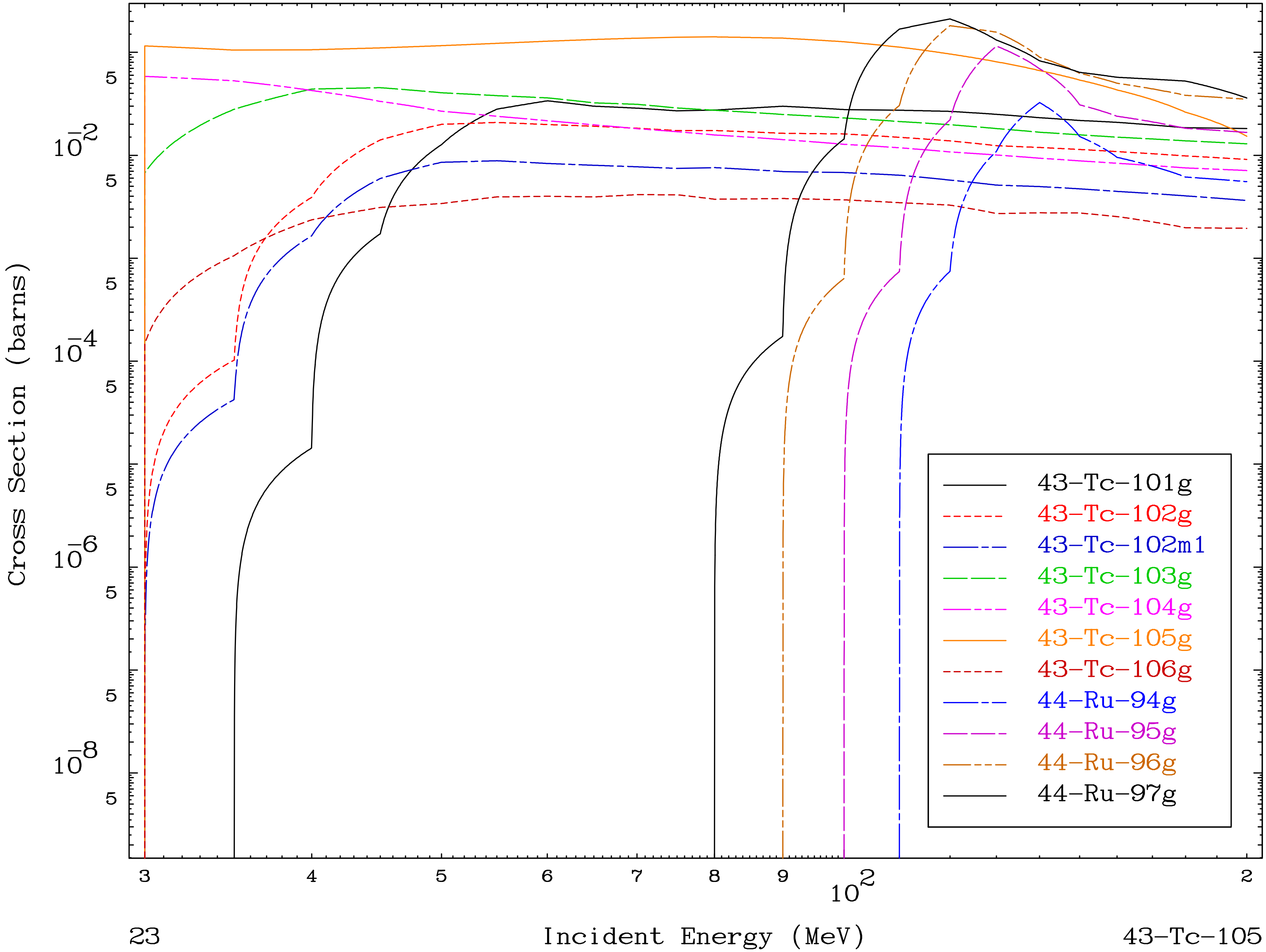
Radionuclide Production Cross Section



Incident Energy (MeV)

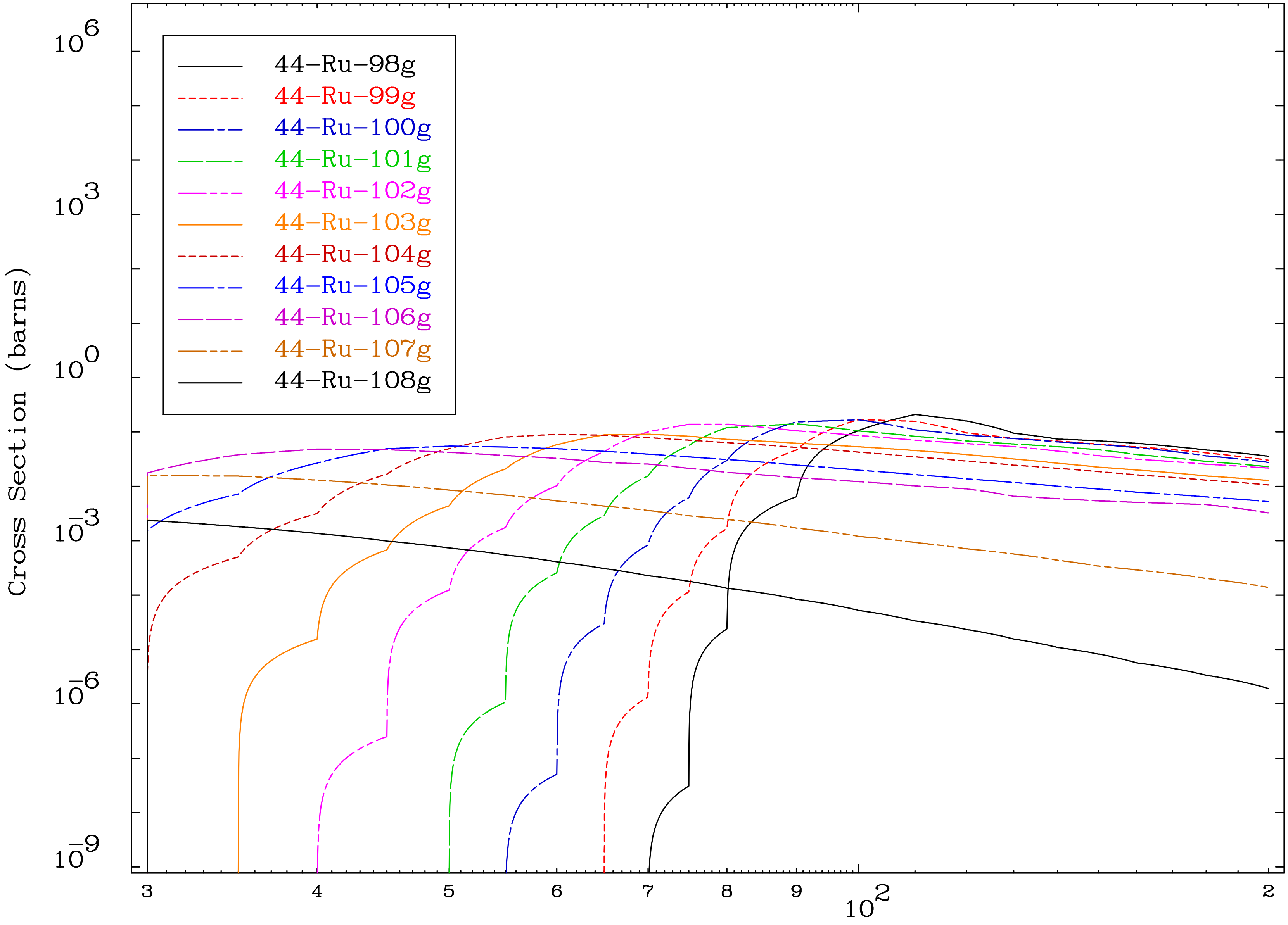
MAT 4343 (α,remainder) 43-Tc-105

Radionuclide Production Cross Section



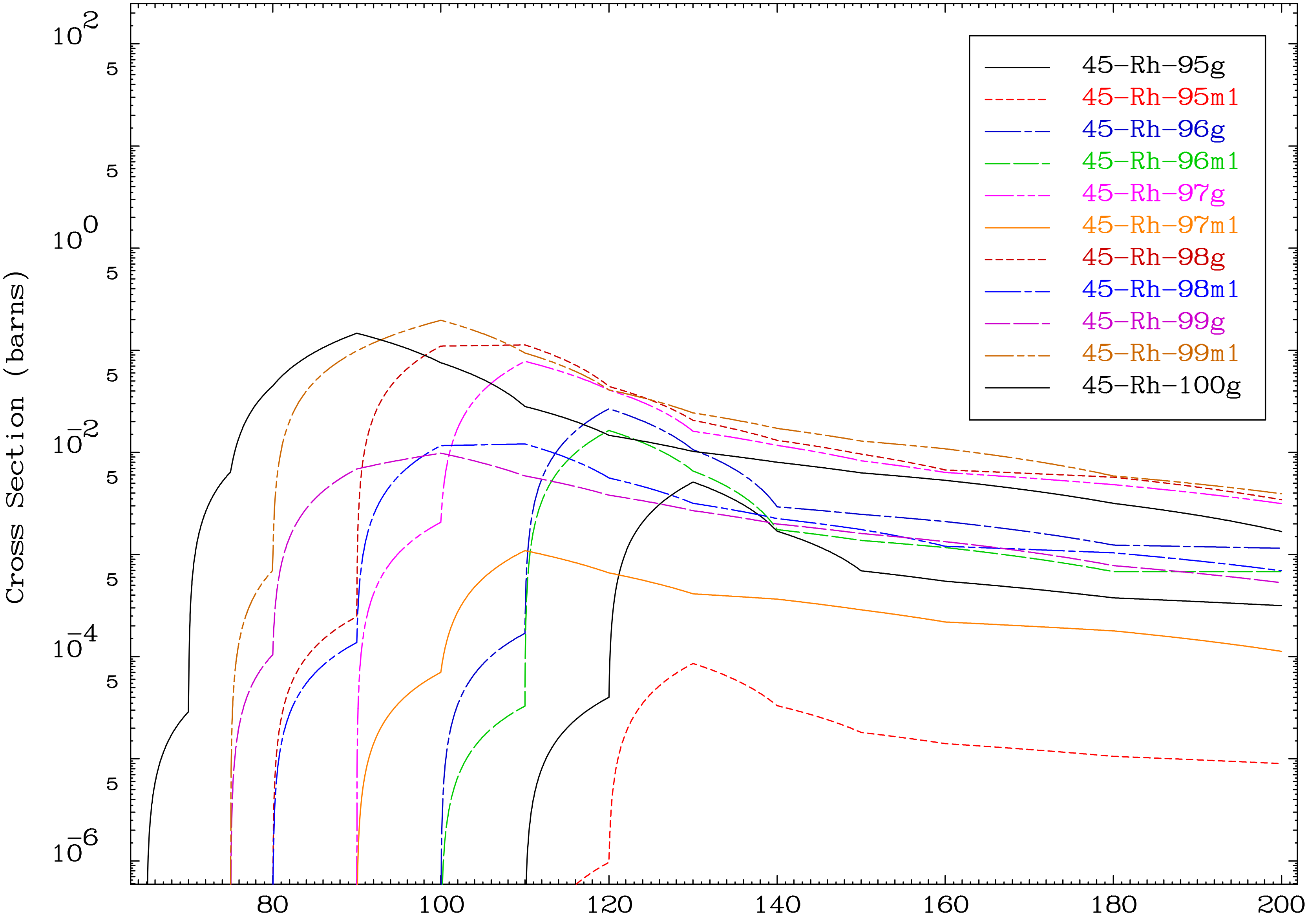
43-Tc-105

Radionuclide Production Cross Section

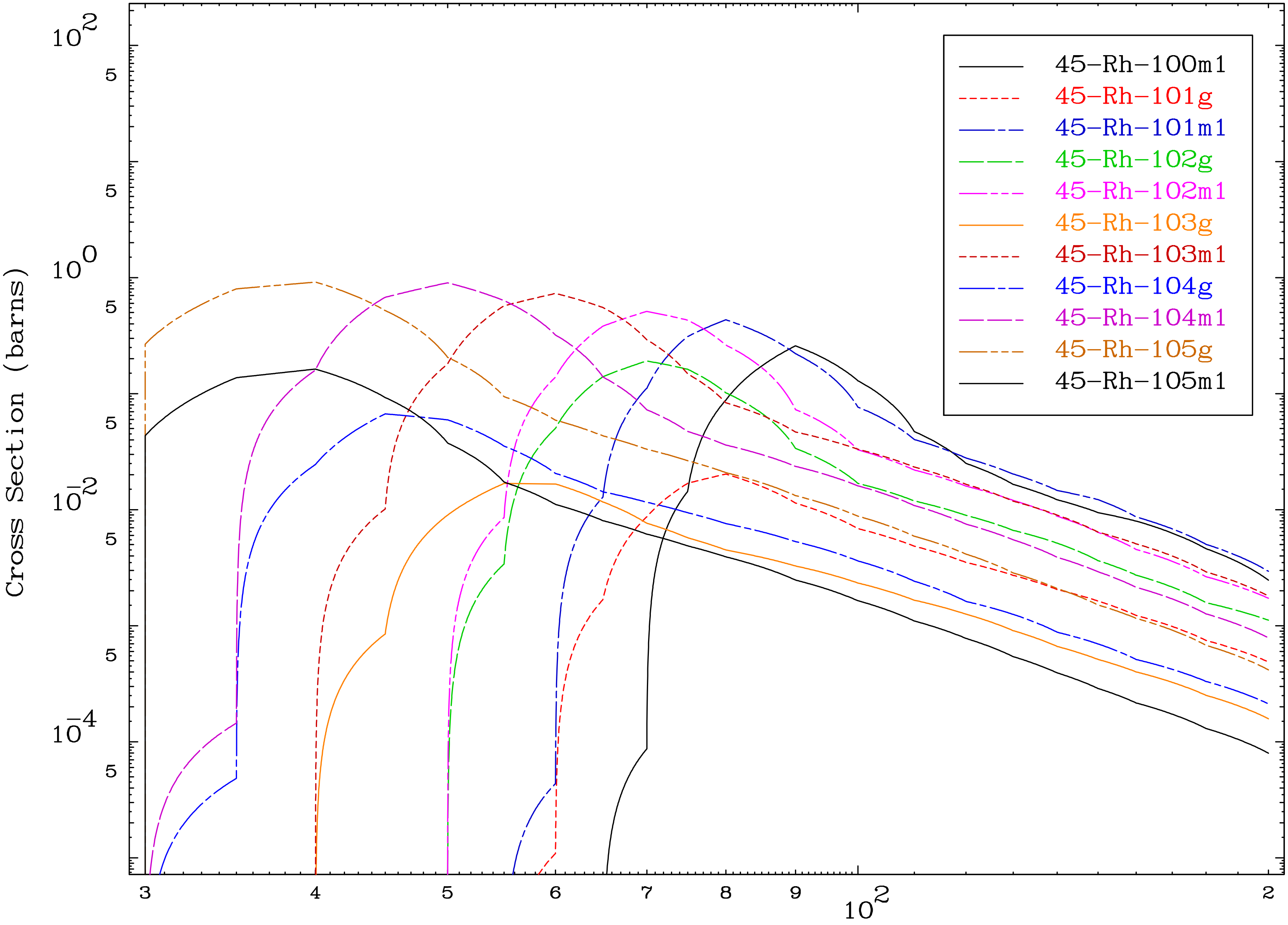


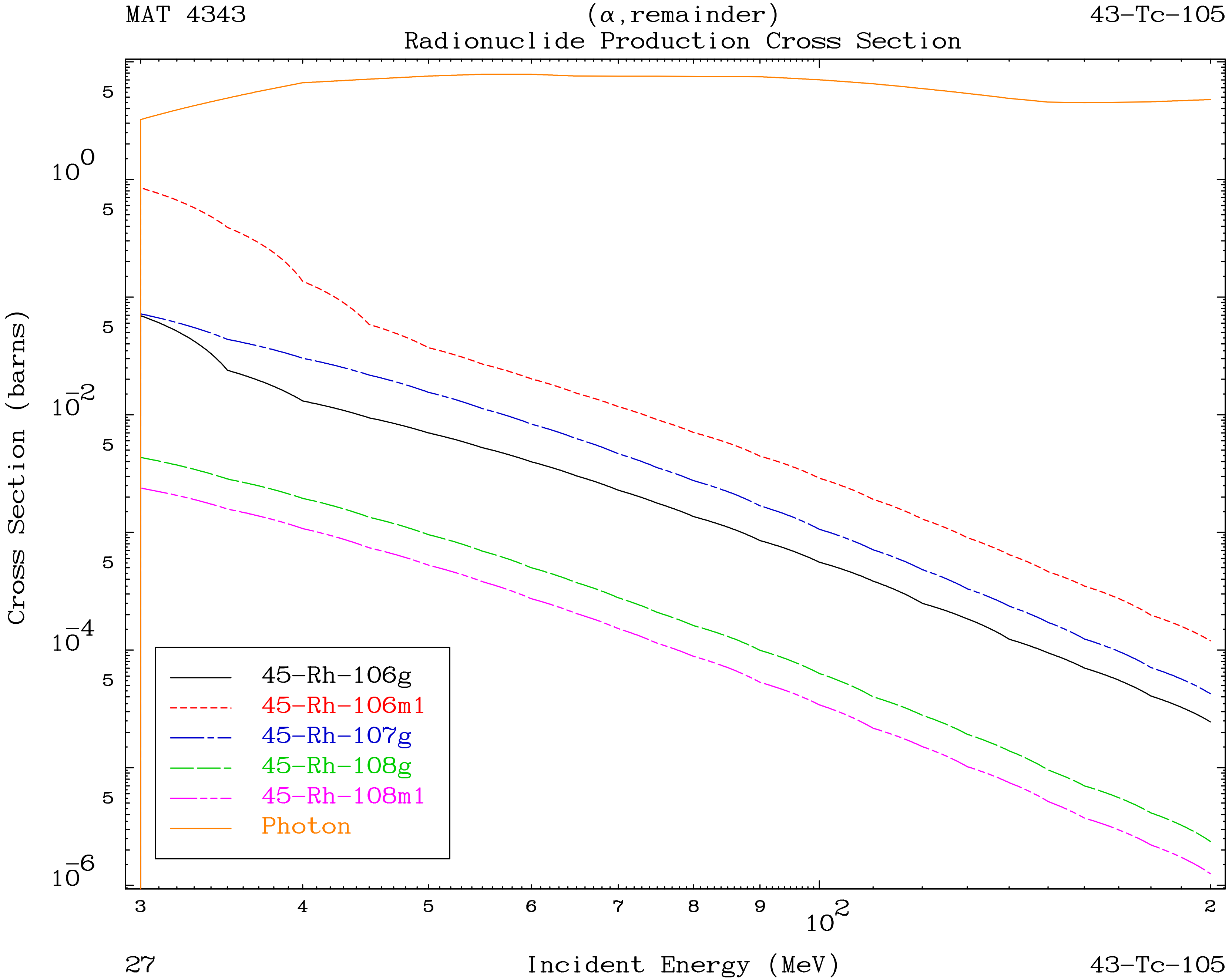
(α,remainder)

Radionuclide Production Cross Section



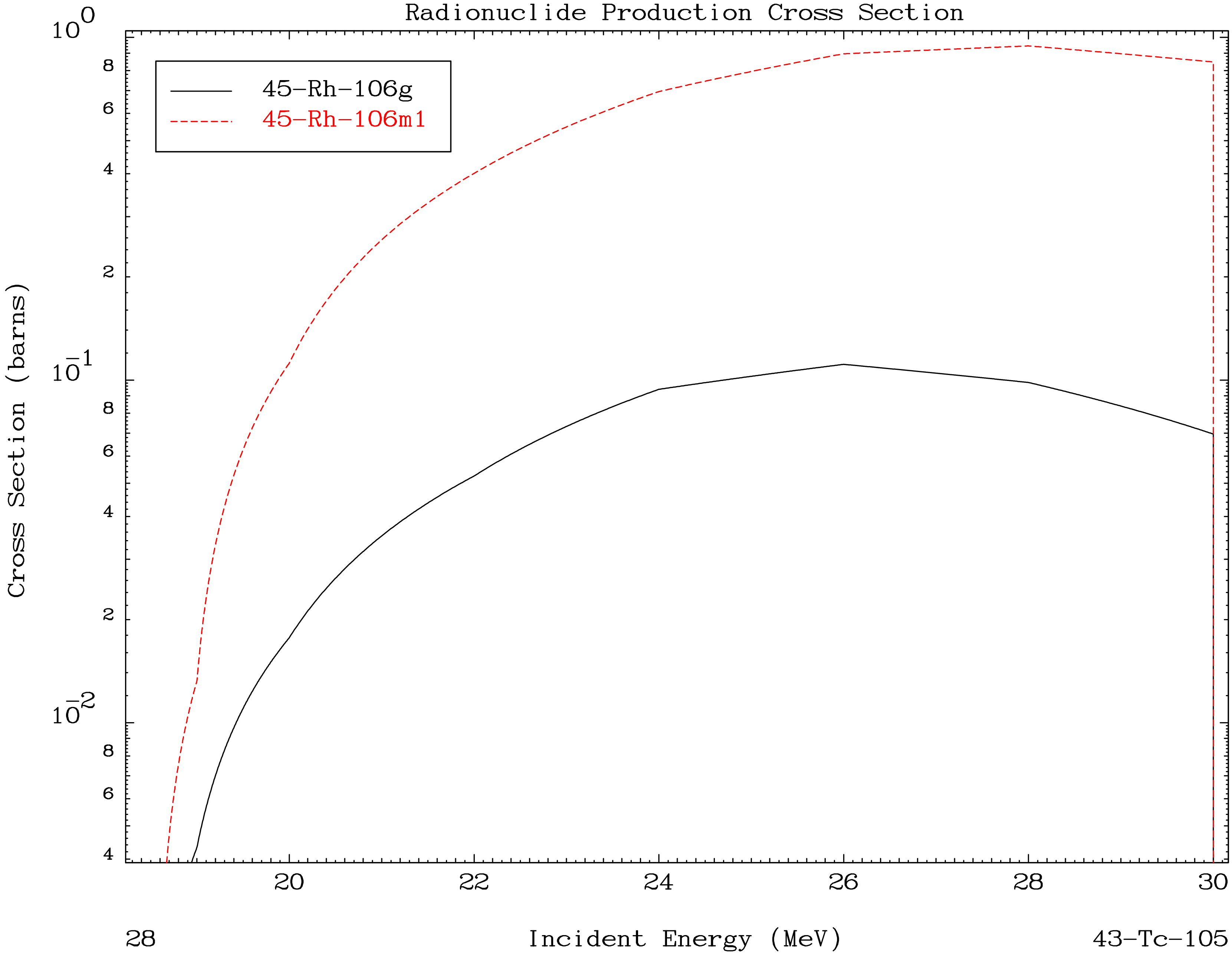
(α,remainder)
Radionuclide Production Cross Section




MAT 4343
(α,remainder)
43-Tc-105
Radionuclide Production Cross Section
Cross Section (barns)
10^{0}
10^{-2}
10^{-4}
10^{-6}
5
Incident Energy (MeV)
3
4
5
6
7
8
9
10^{2}
2
45-Rh-106g
45-Rh-106m1
45-Rh-107g
45-Rh-108g
45-Rh-108m1
Photon

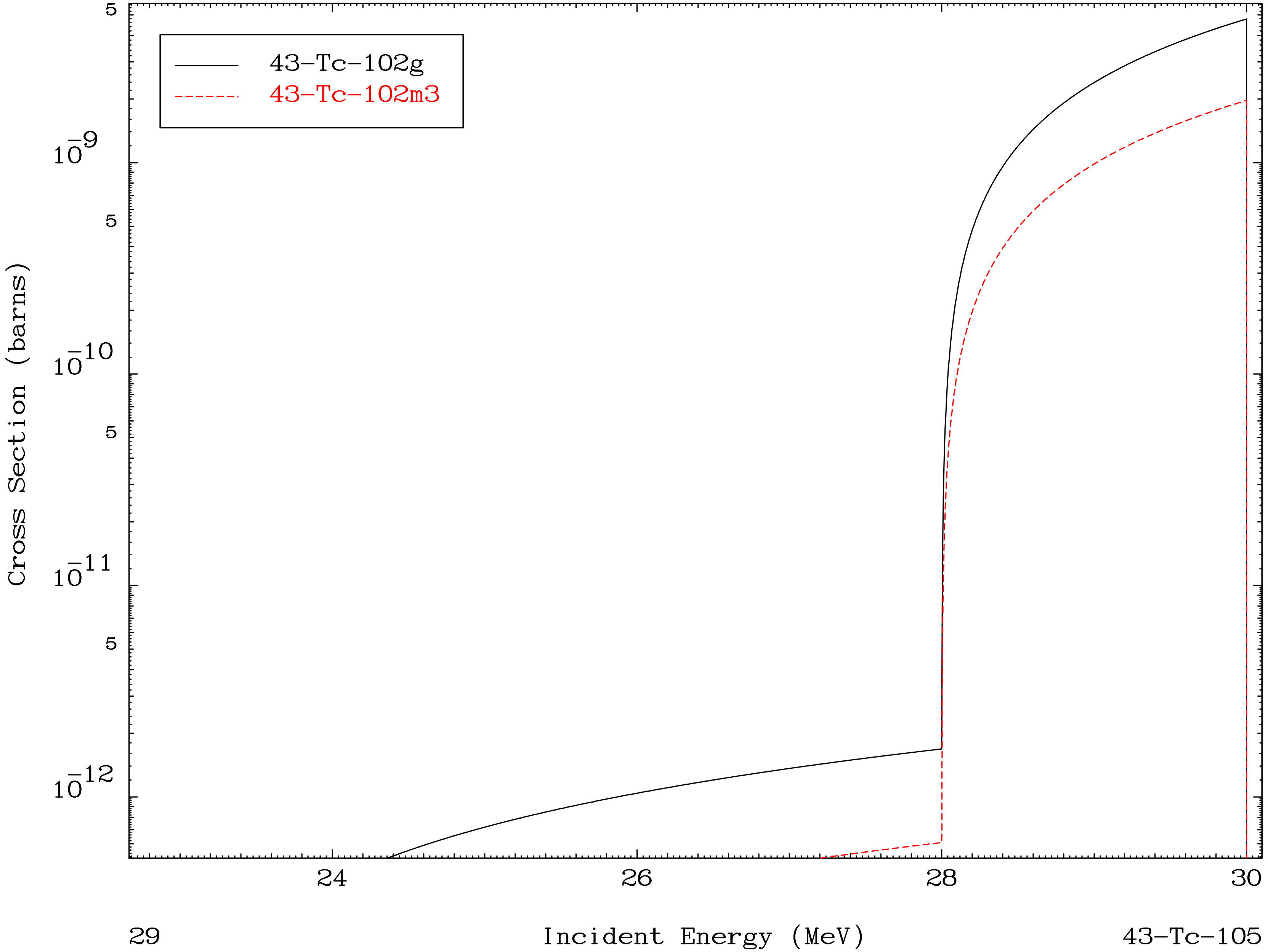
MAT 4343 (α,3n) 43-Tc-105

Radionuclide Production Cross Section

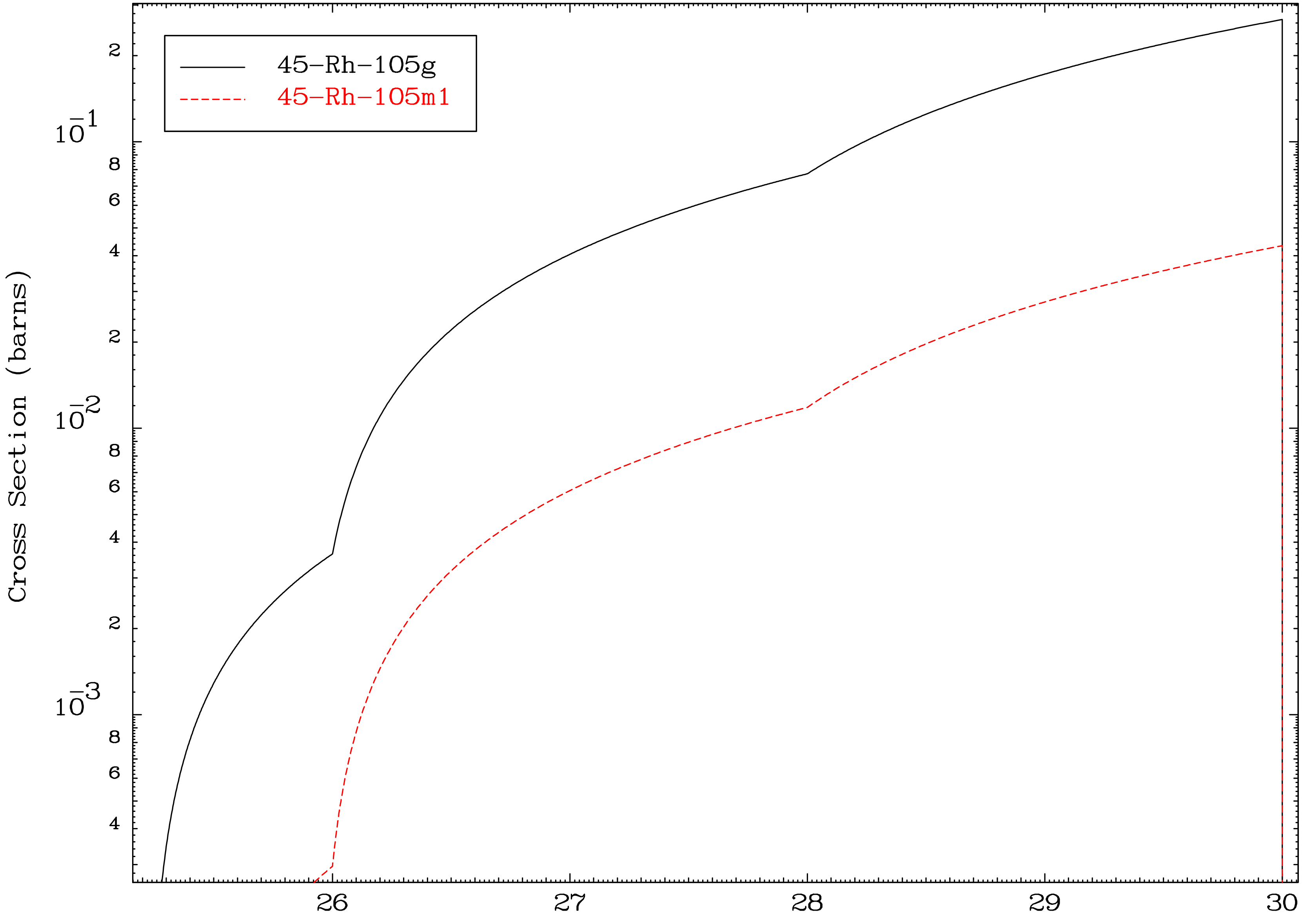


MAT 4343 (α,3n) α 43-Tc-105

Radionuclide Production Cross Section



MAT 4343 (α,4n) 43-Tc-105

Radionuclide Production Cross Section