

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

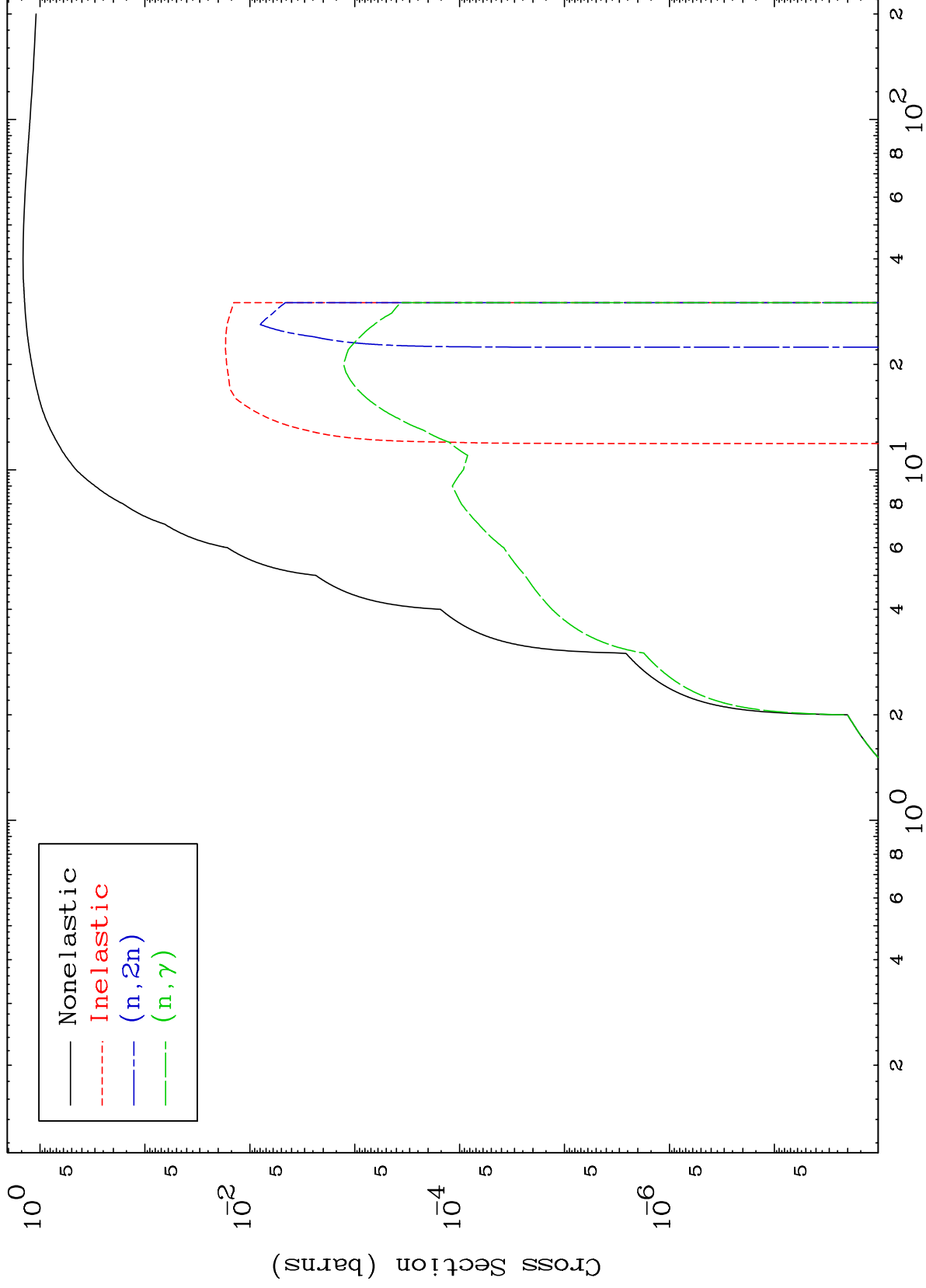
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5401

Proton Major
0 Kelvin Cross Sections

54-Xe-116



1

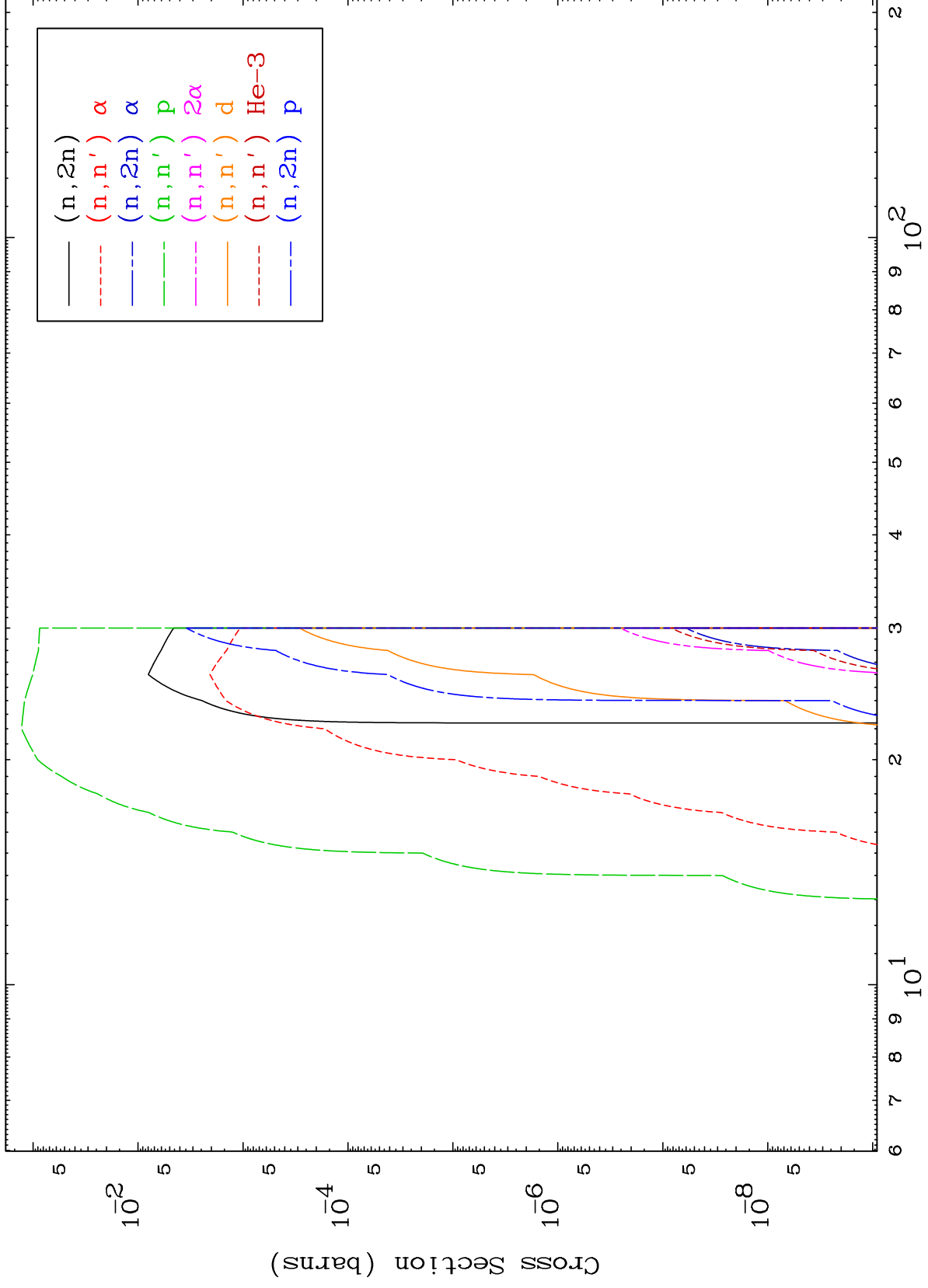
Incident Energy (MeV)

54-Xe-116

MAT 5401

Proton Neutron Absorption
0 Kelvin Cross Sections

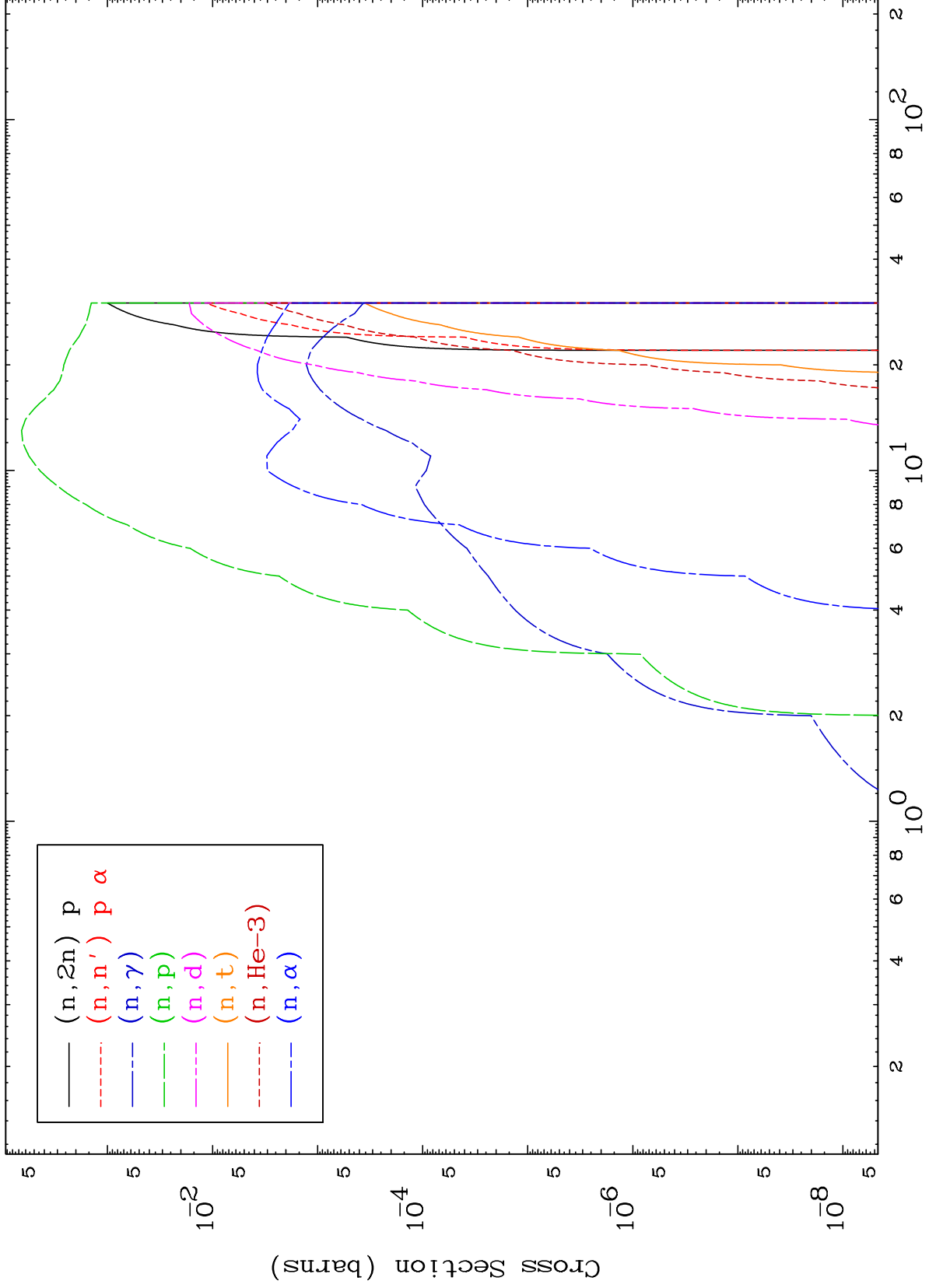
54-Xe-116



2

Incident Energy (MeV)

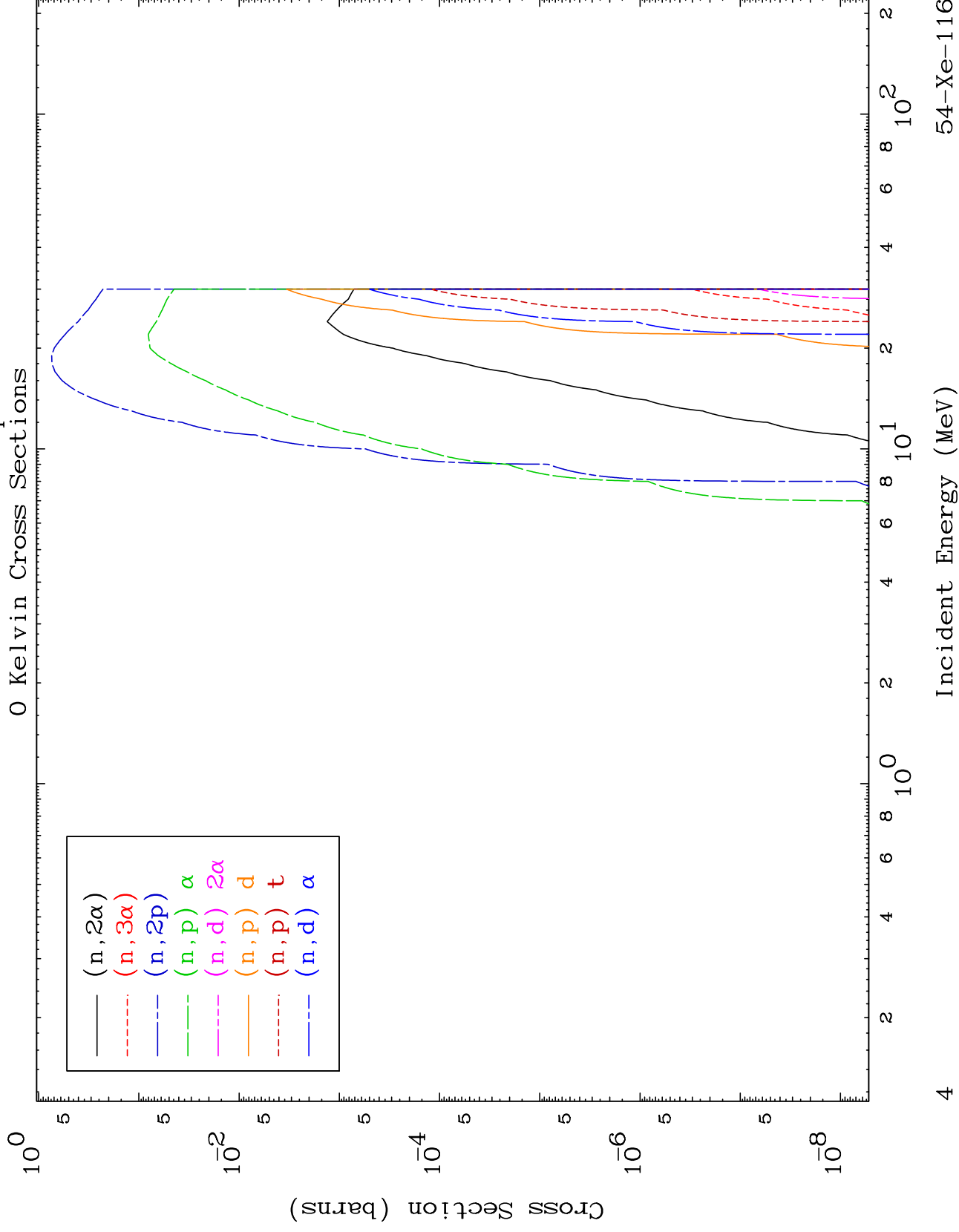
54-Xe-116



MAT 5401

Proton Neutron Absorption
0 Kelvin Cross Sections

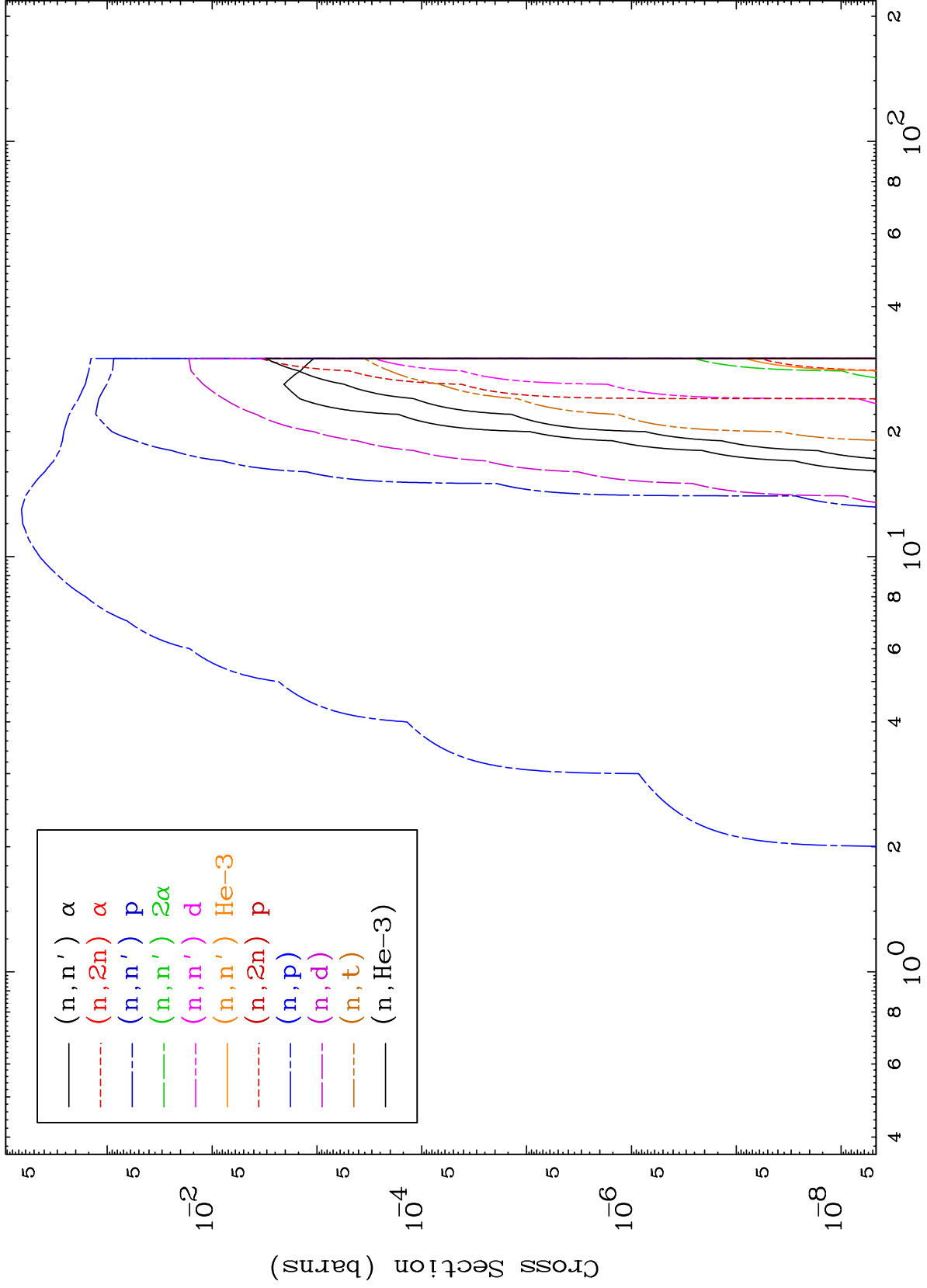
54-Xe-116



MAT 5401

Proton Charged Particle
0 Kelvin Cross Sections

54-Xe-116



5

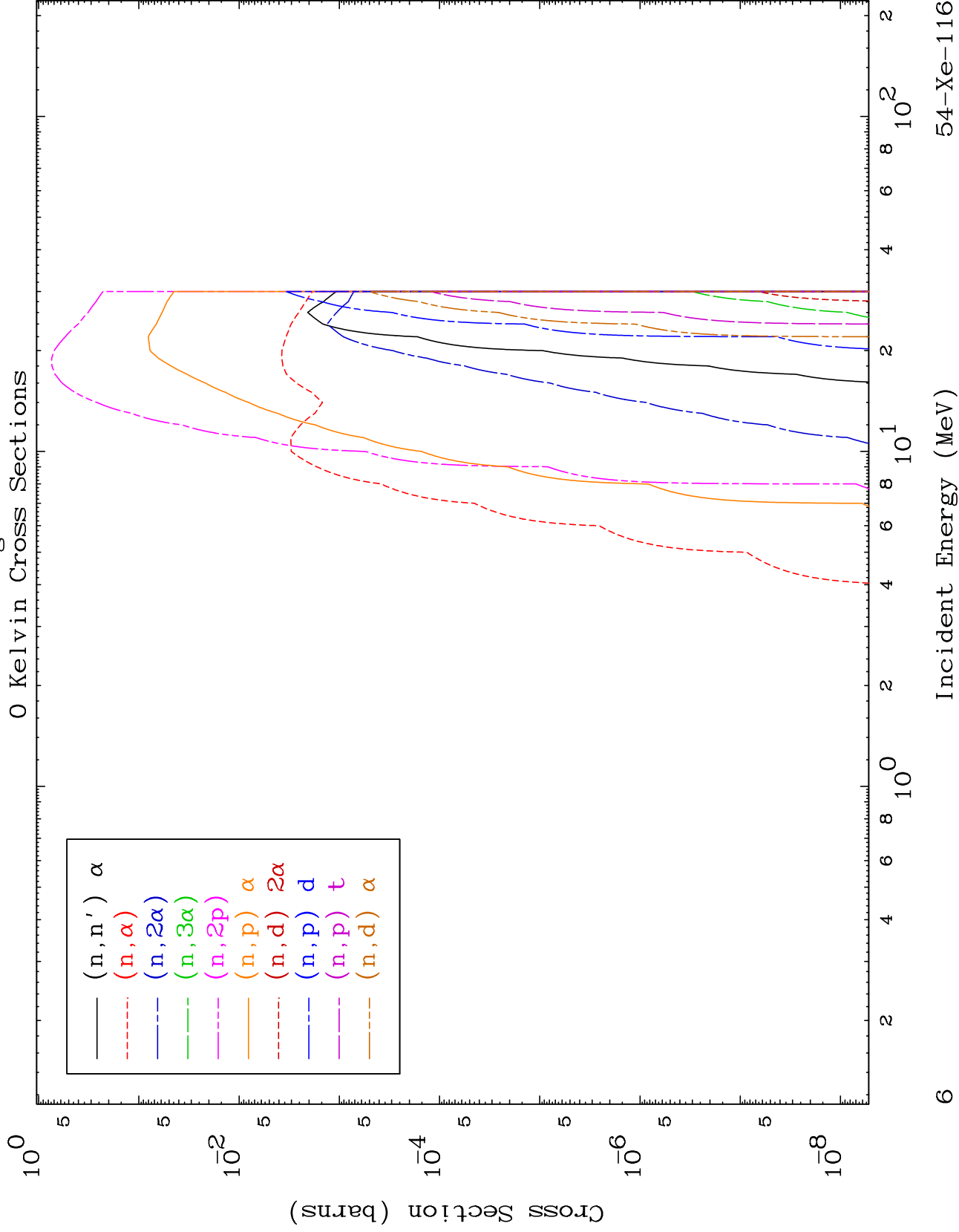
Incident Energy (MeV)

54-Xe-116

MAT 5401

Proton Charged Particle
0 Kelvin Cross Sections

54-Xe-116

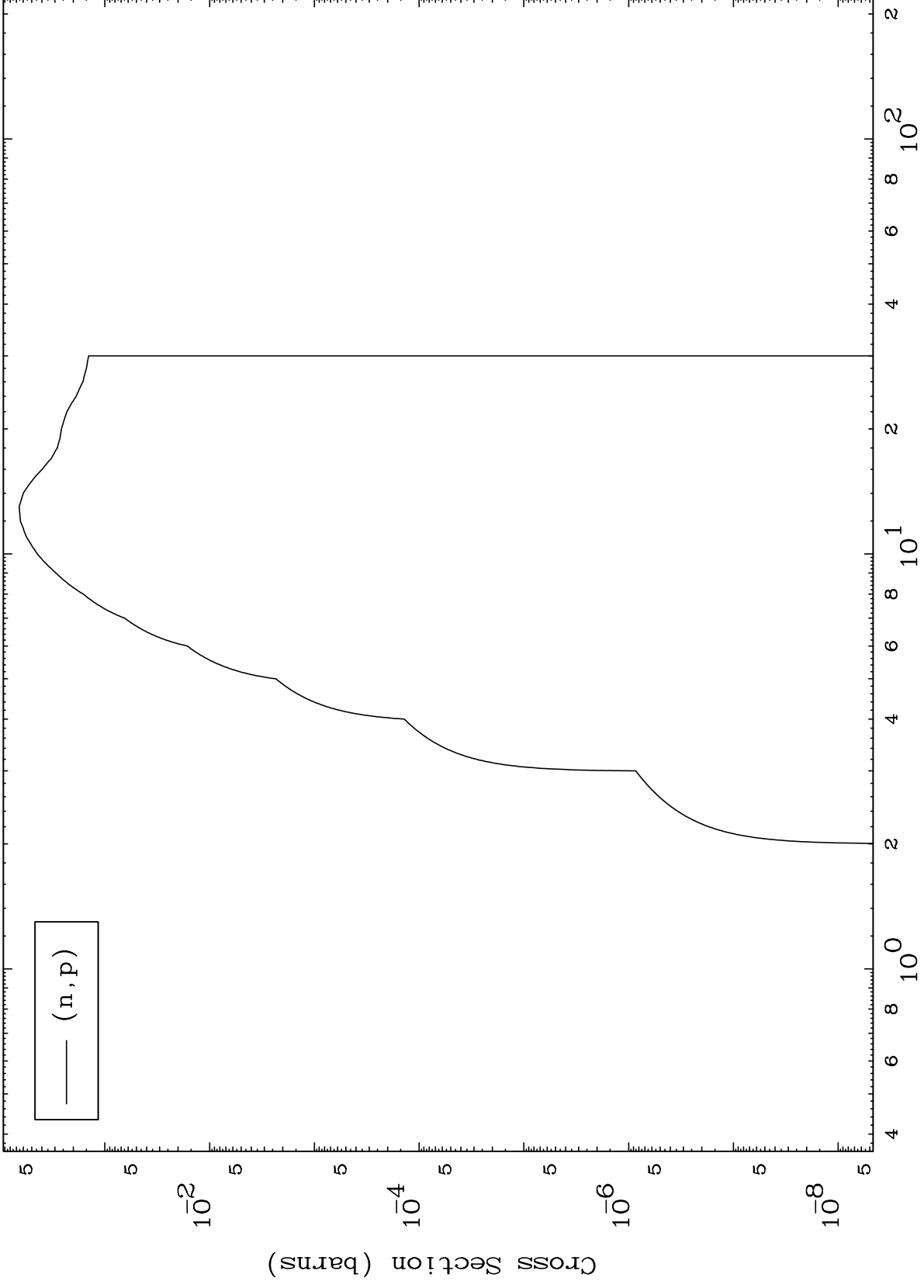


MAT 5401

(p,p) Levels

54-Xe-116

0 Kelvin Cross Sections



7

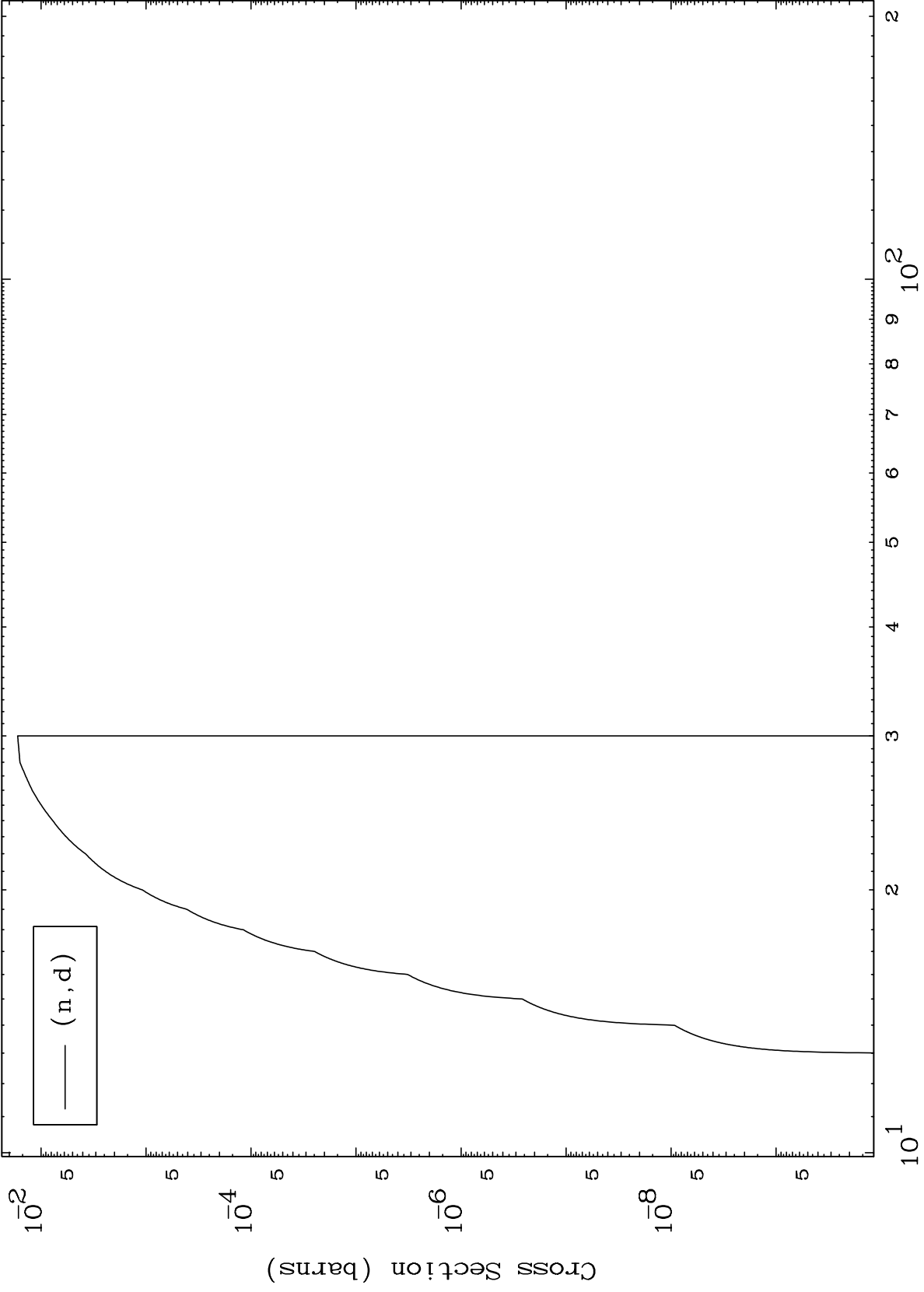
Incident Energy (MeV)

54-Xe-116

MAT 5401

(p,d) Levels
0 Kelvin Cross Sections

54-Xe-116



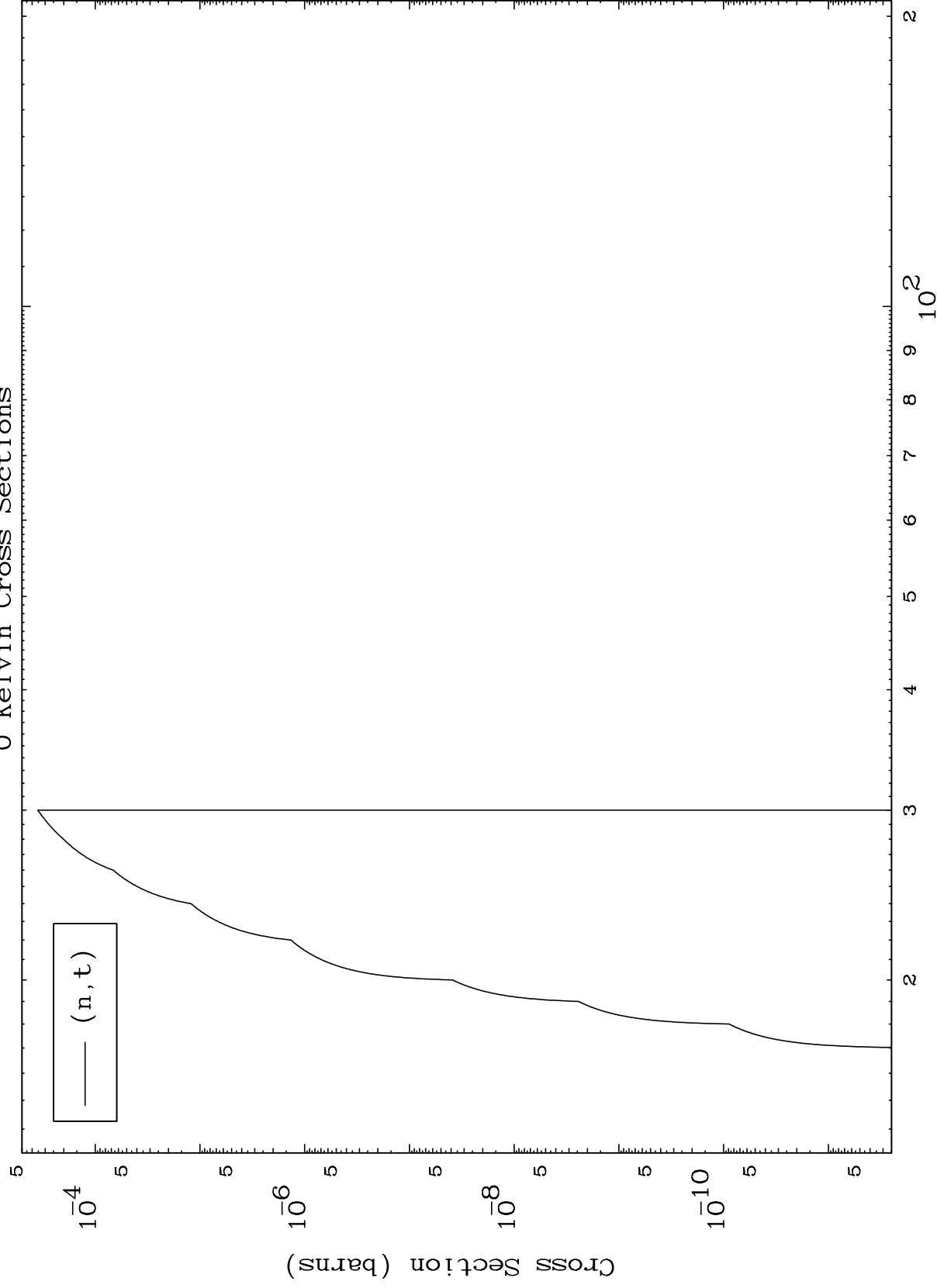
54-Xe-116

Incident Energy (MeV)

MAT 5401

(p,t) Levels
0 Kelvin Cross Sections

54-Xe-116



9

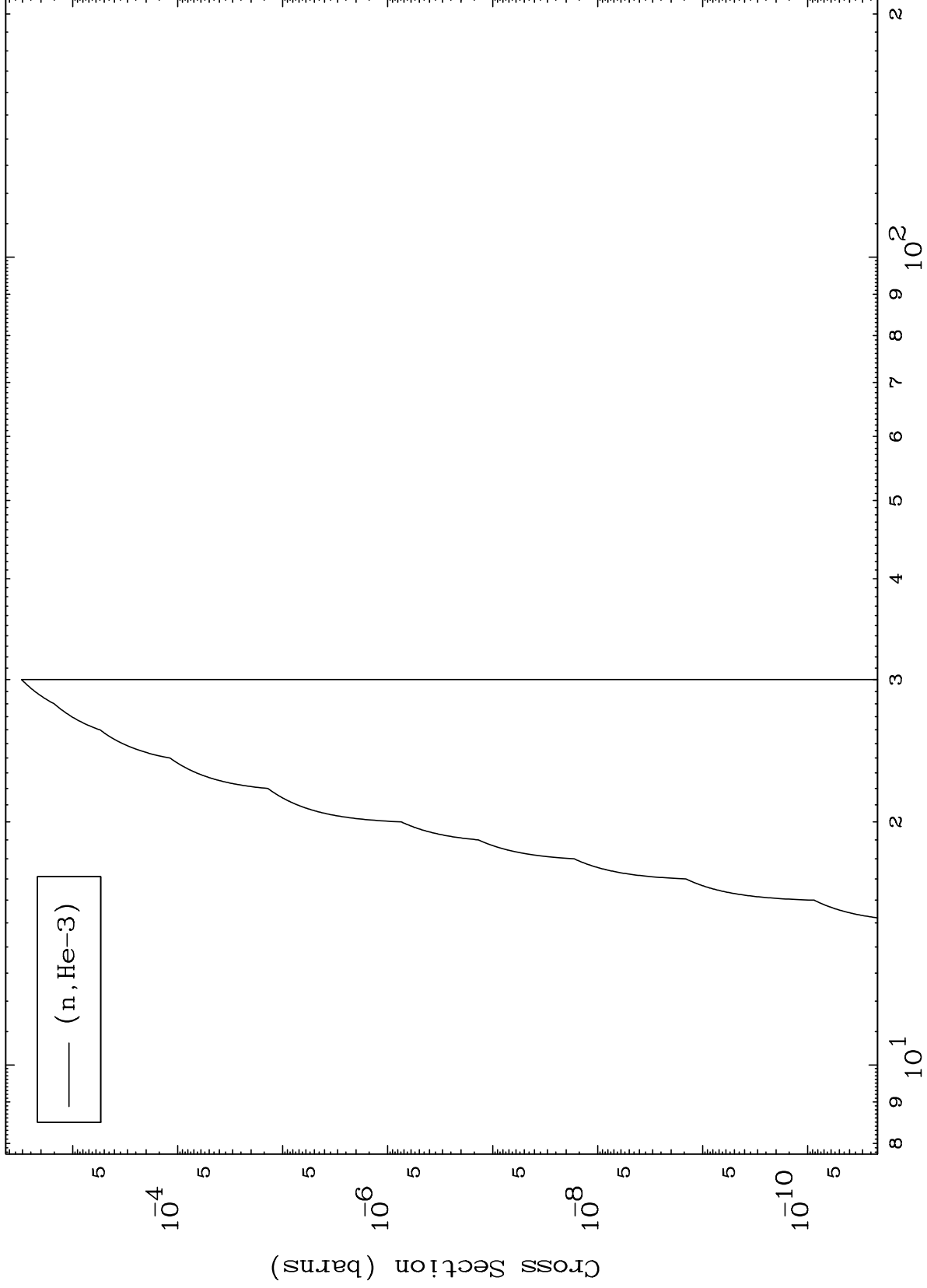
Incident Energy (MeV)

54-Xe-116

MAT 5401

(p,He3) Levels
0 Kelvin Cross Sections

54-Xe-116



10

Incident Energy (MeV)

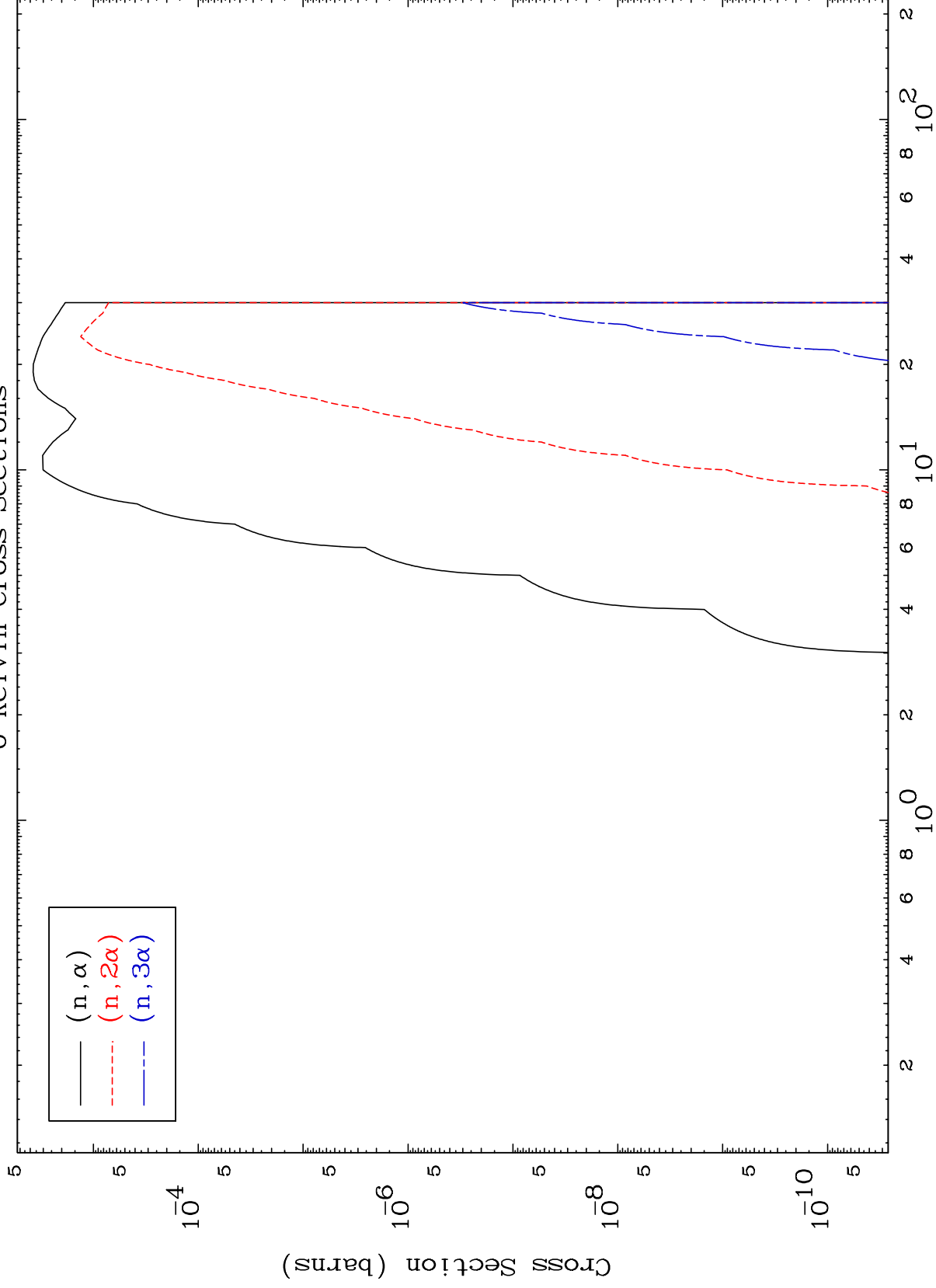
54-Xe-116

MAT 5401

(p, α) Levels

54-Xe-116

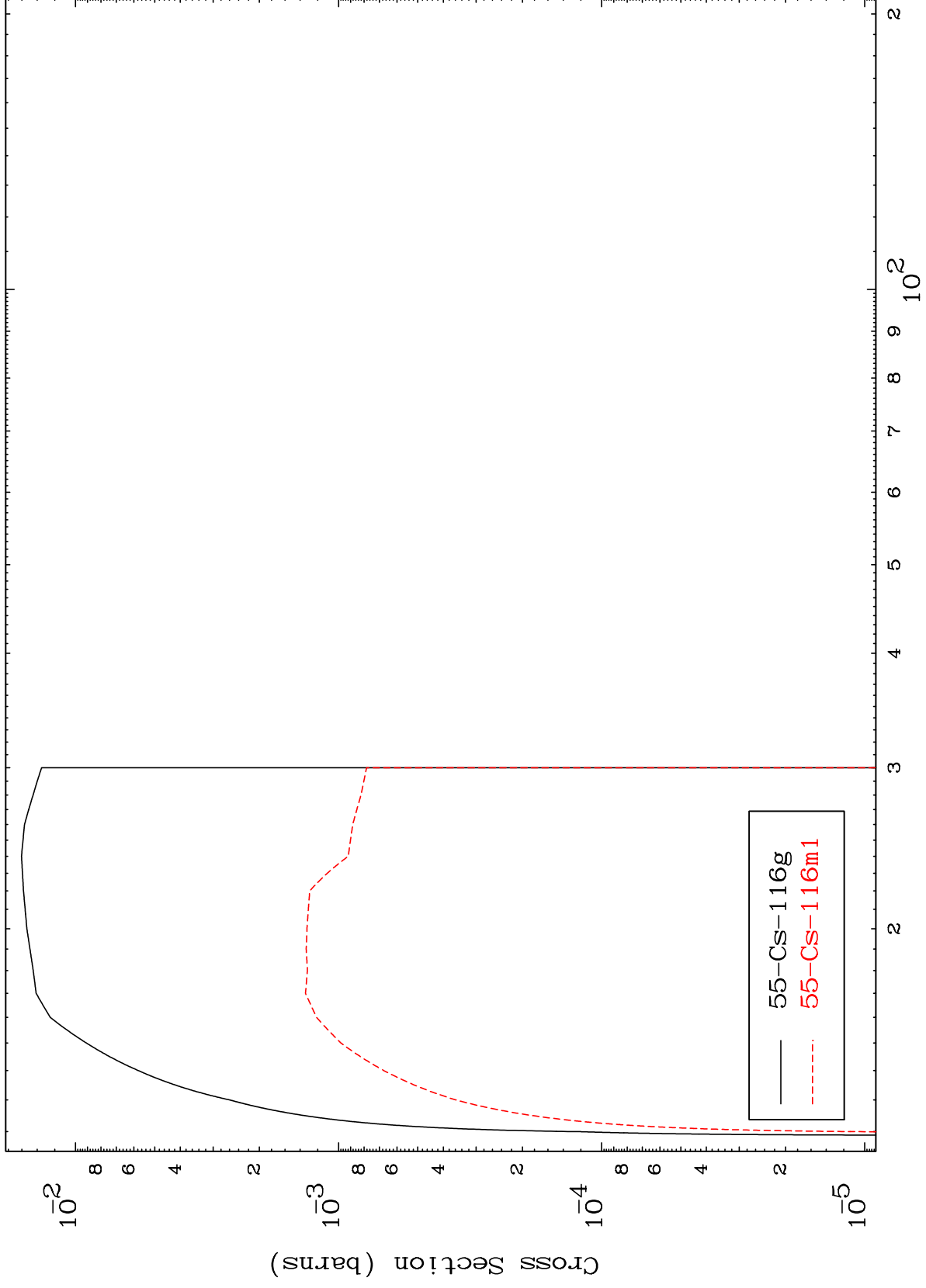
0 Kelvin Cross Sections



MAT 5401

54-Xe-116

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

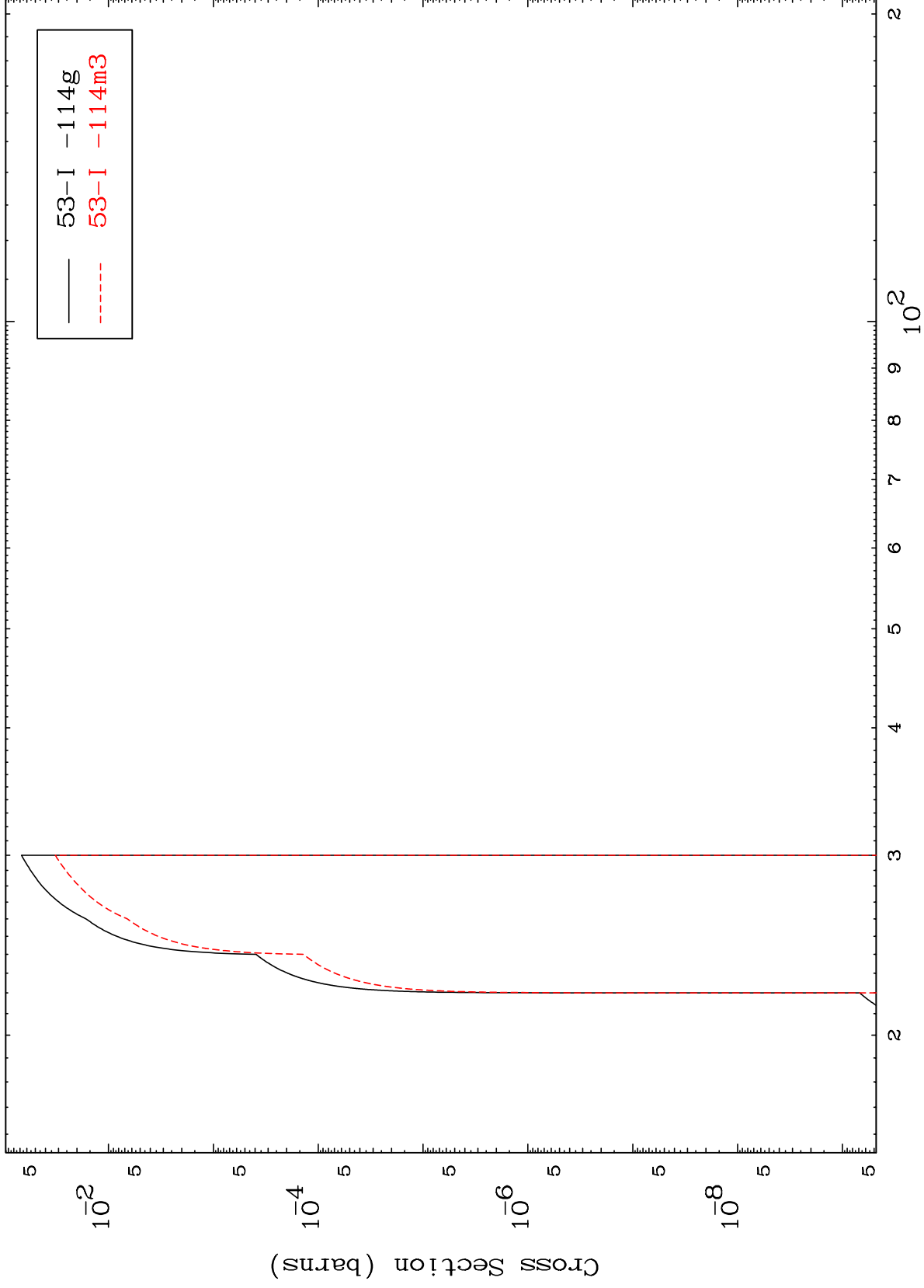
54-Xe-116

MAT 5401

(n,2n) p

54-Xe-116

Radionuclide Production Cross Section



13

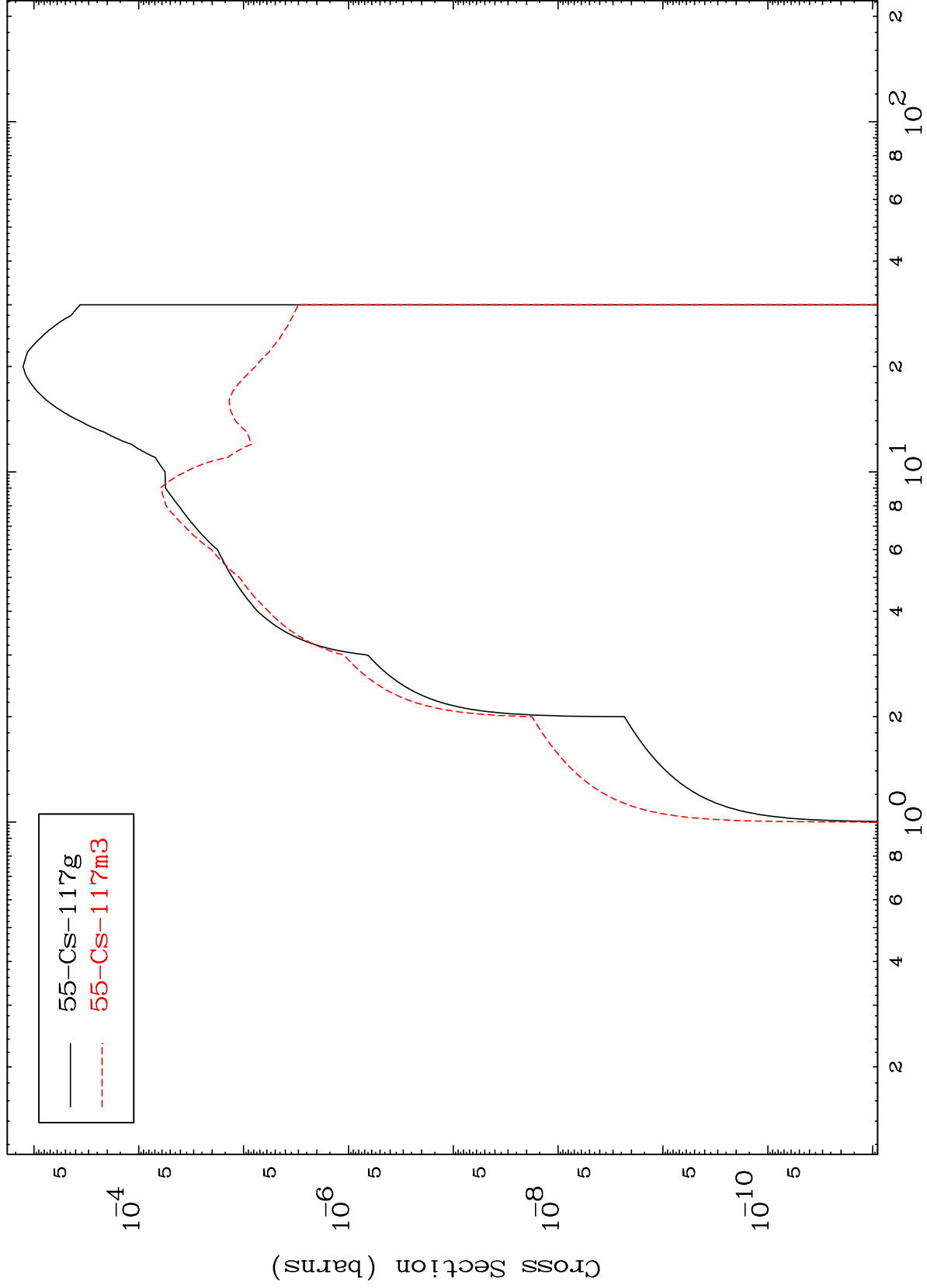
Incident Energy (MeV)

54-Xe-116

MAT 5401

54-Xe-116

(n, γ)
Radionuclide Production Cross Section



54-Xe-116

Incident Energy (MeV)

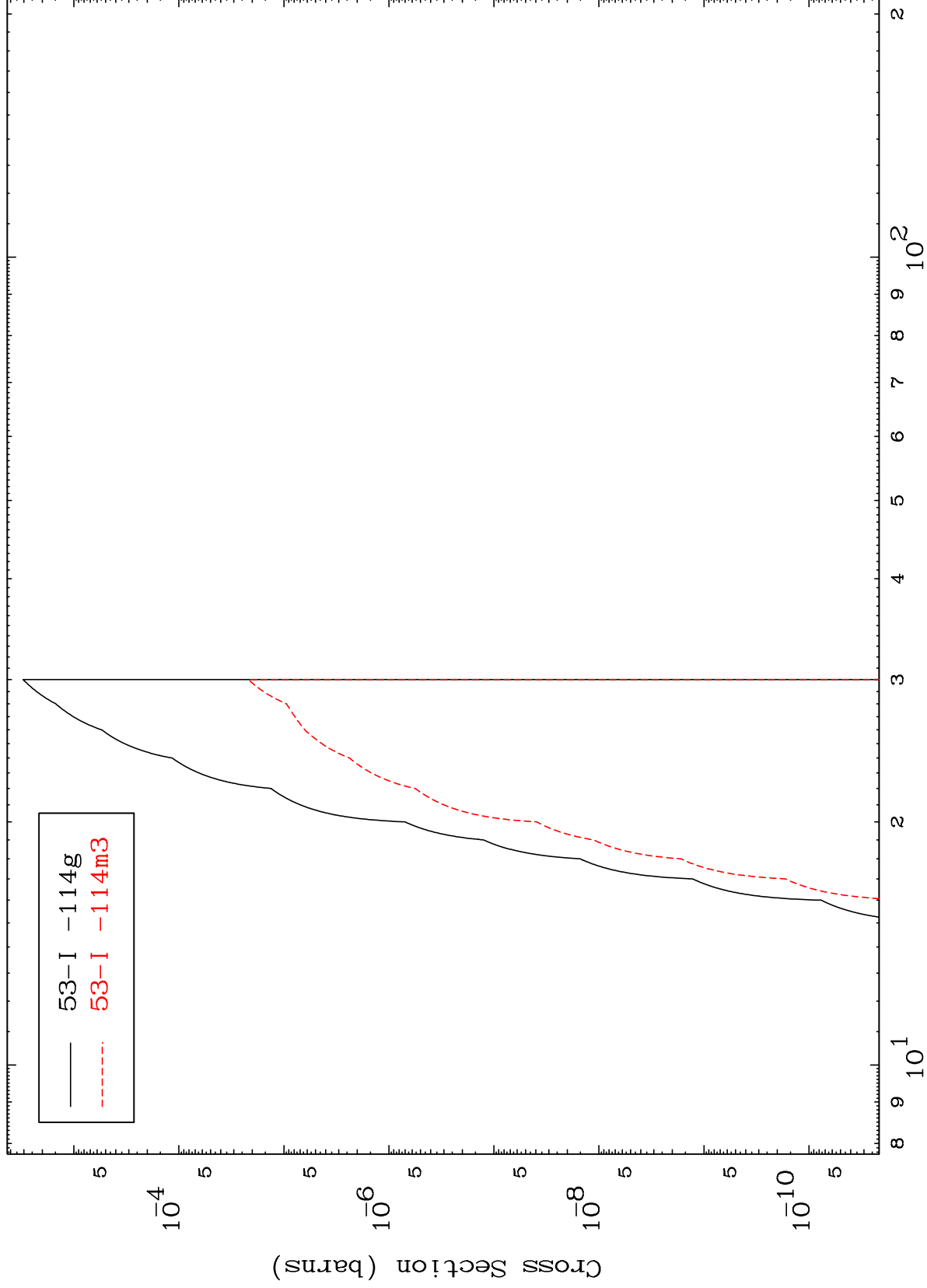
14

MAT 5401

(n,He-3)

54-Xe-116

Radionuclide Production Cross Section



15

Incident Energy (MeV)

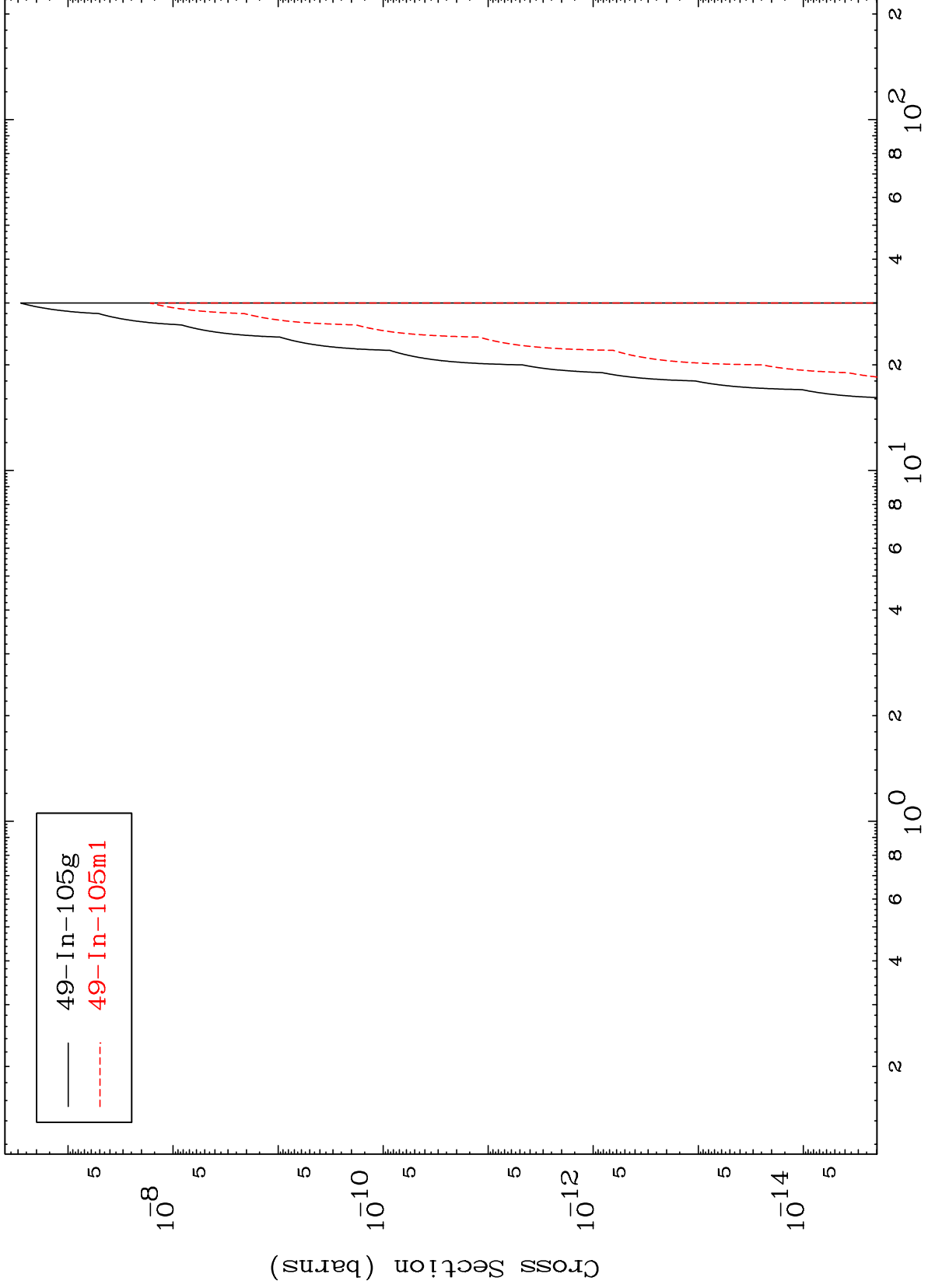
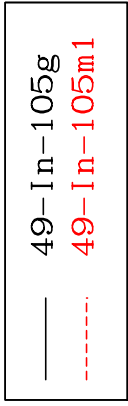
54-Xe-116

MAT 5401

(n,3α)

54-Xe-116

Radionuclide Production Cross Section



Radionuclide Production Cross Section

