

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

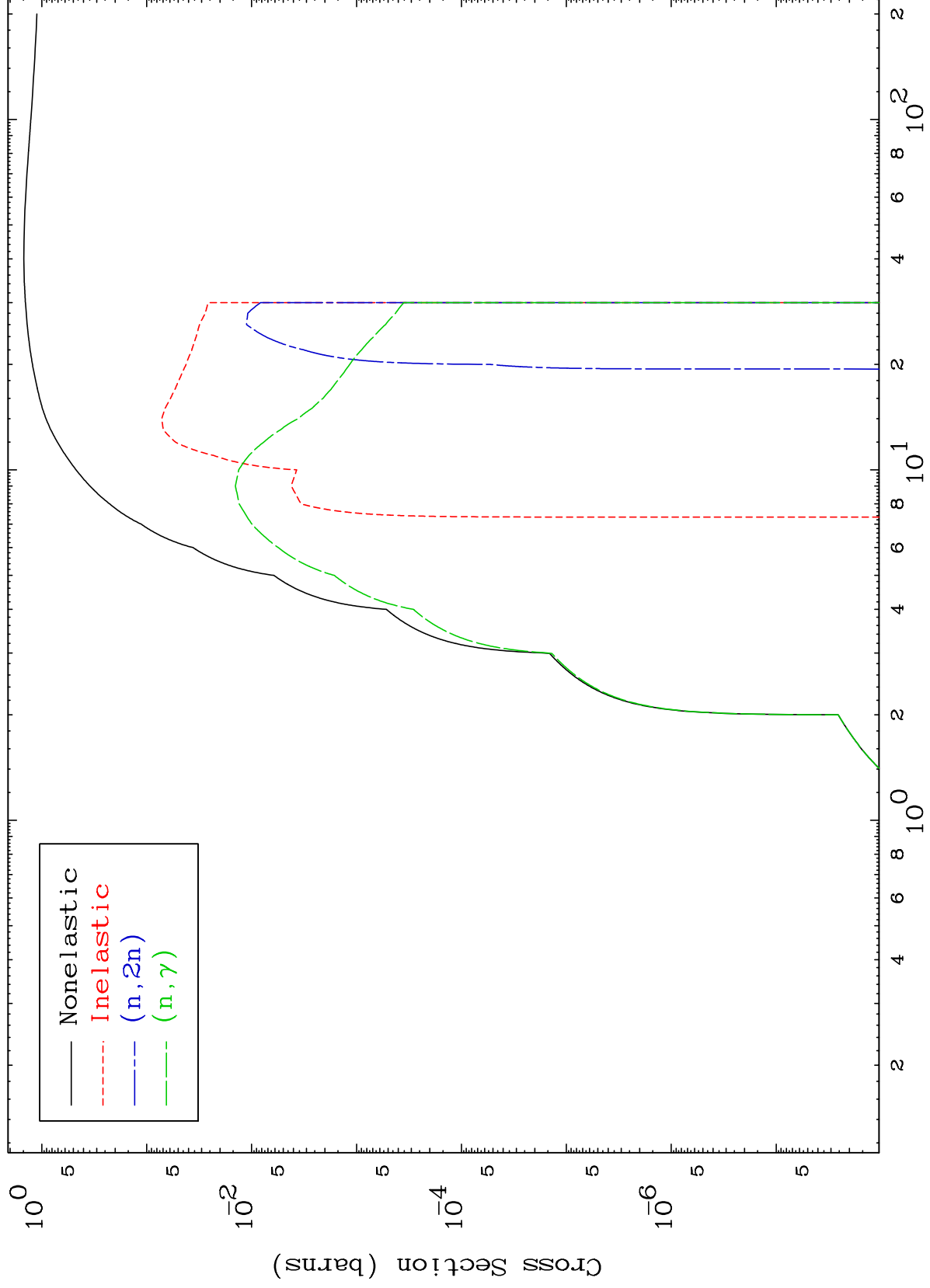
Press Mouse Button to Start

MAT 5410

Proton Major

54-Xe-119

0 Kelvin Cross Sections



1

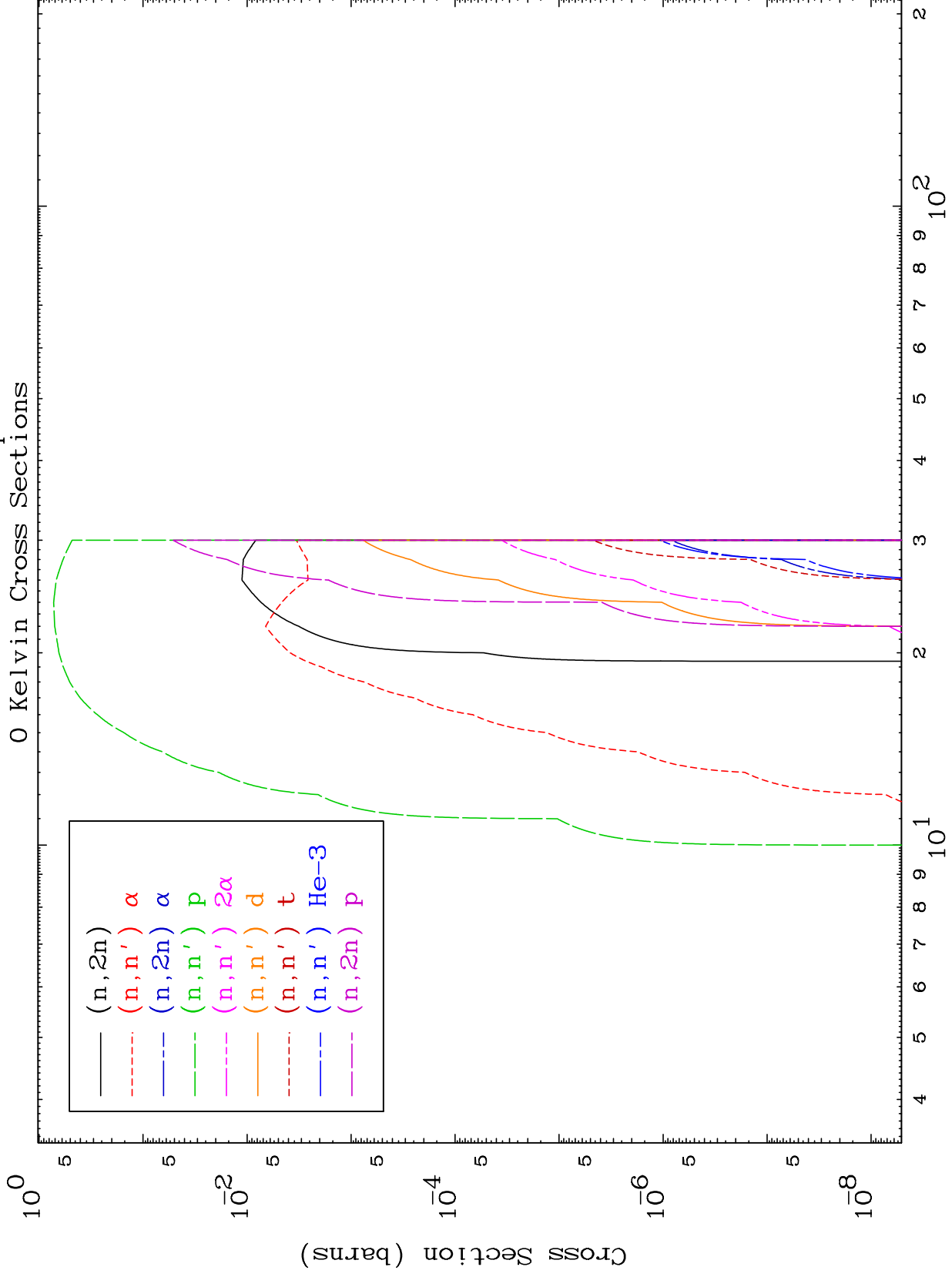
Incident Energy (MeV)

54-Xe-119

MAT 5410

Proton Neutron Absorption
0 Kelvin Cross Sections

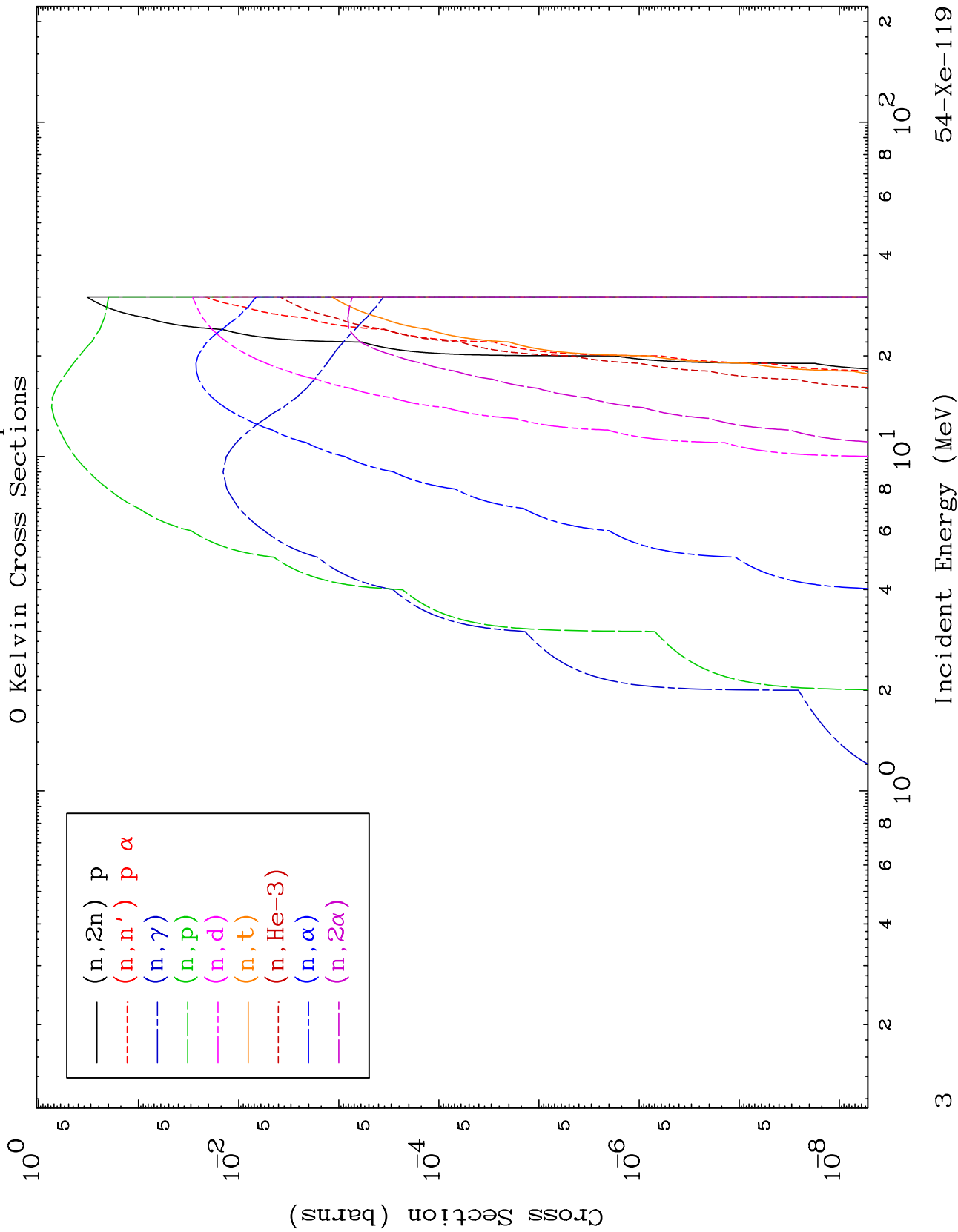
54-Xe-119



2

Incident Energy (MeV)

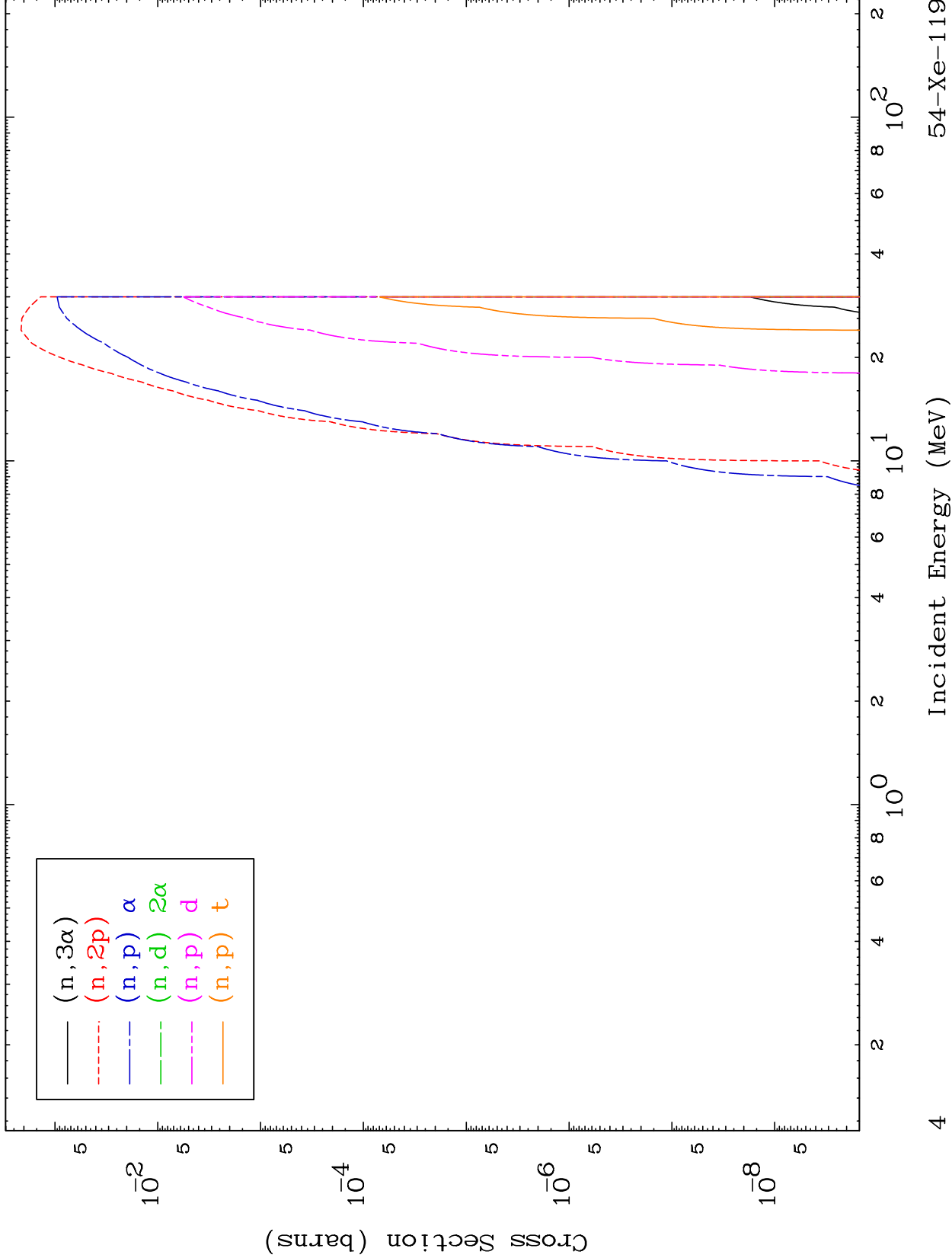
54-Xe-119

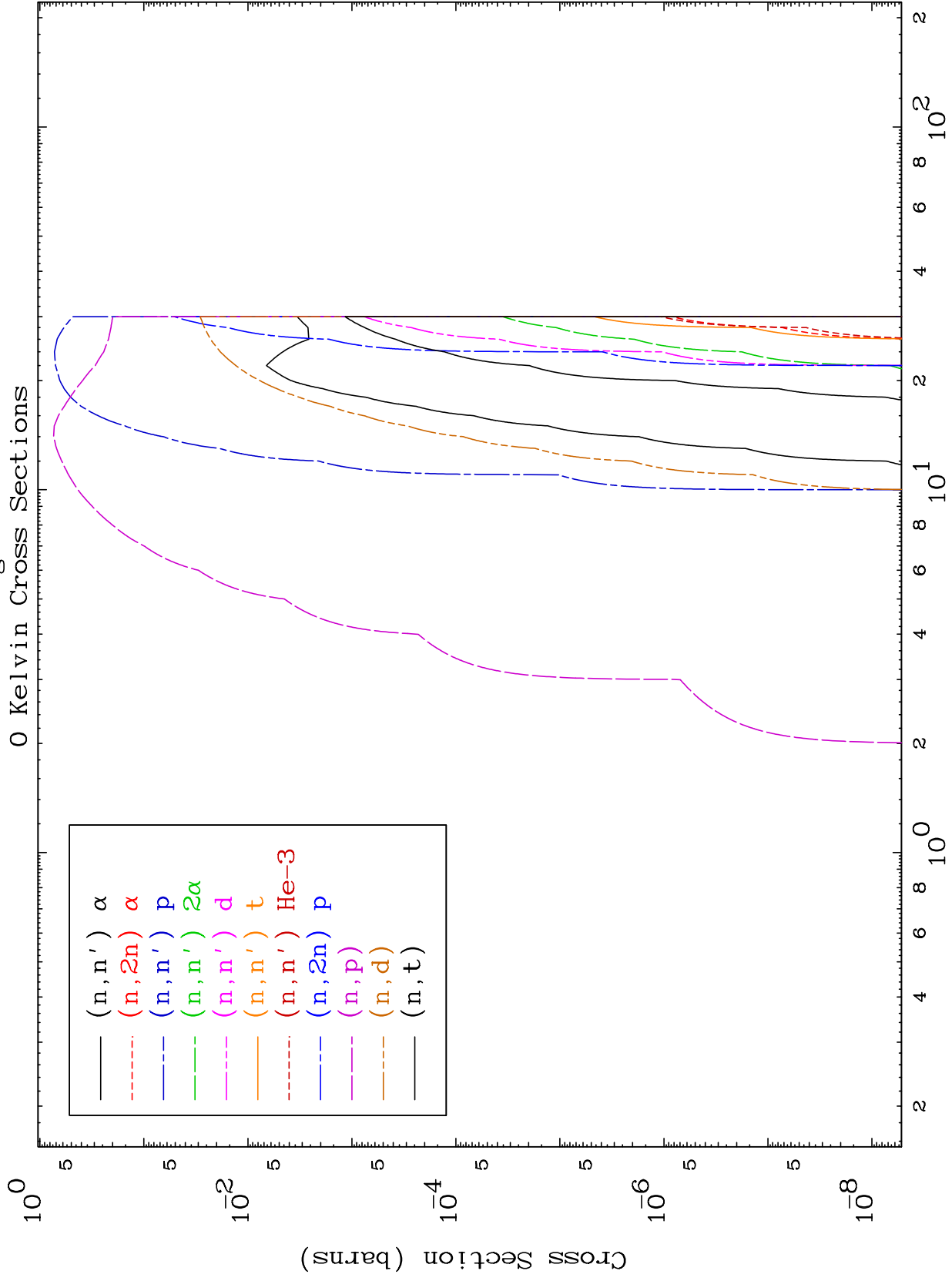


MAT 5410

Proton Neutron Absorption
0 Kelvin Cross Sections

54-Xe-119

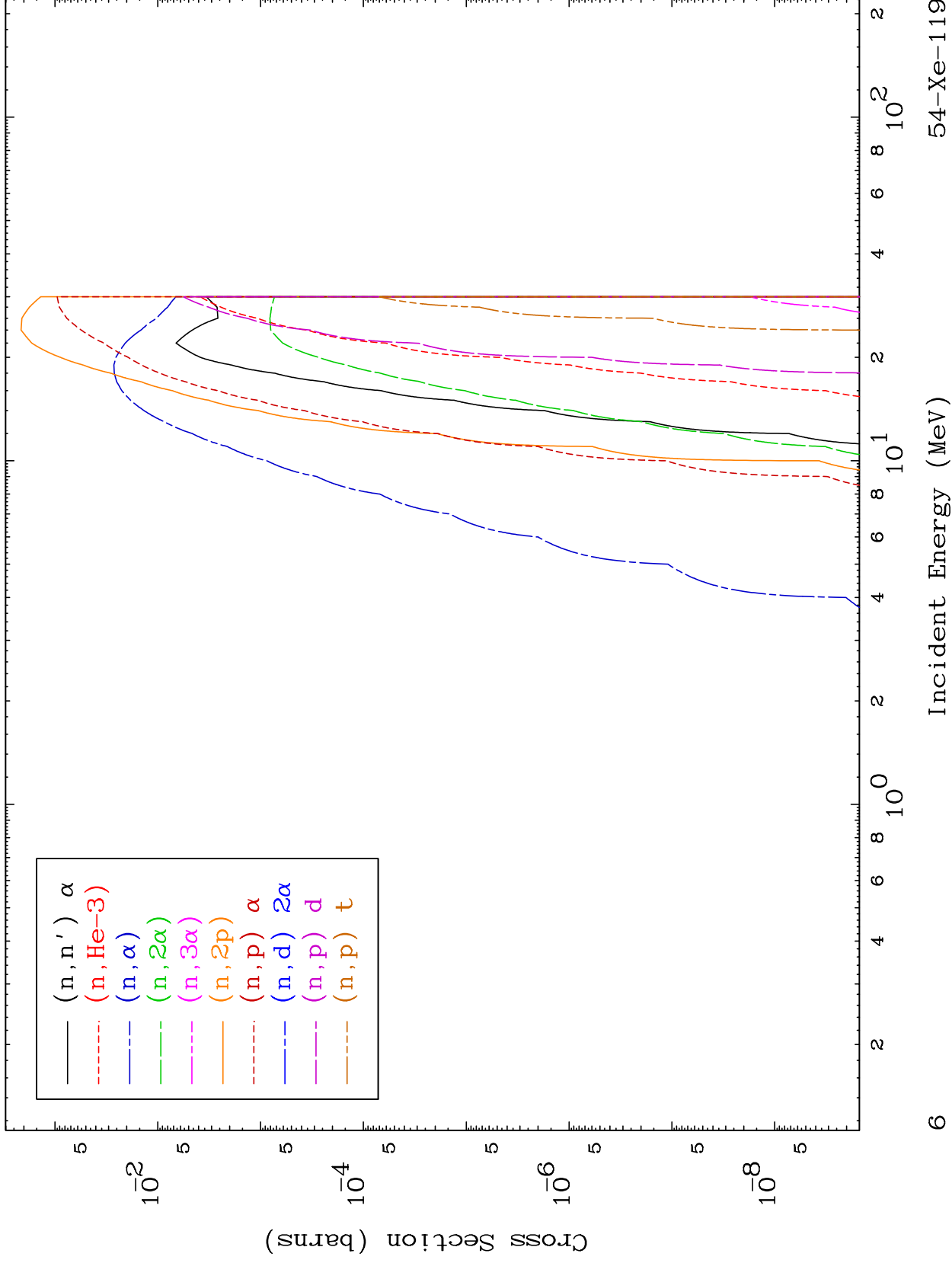




MAT 5410

Proton Charged Particle
0 Kelvin Cross Sections

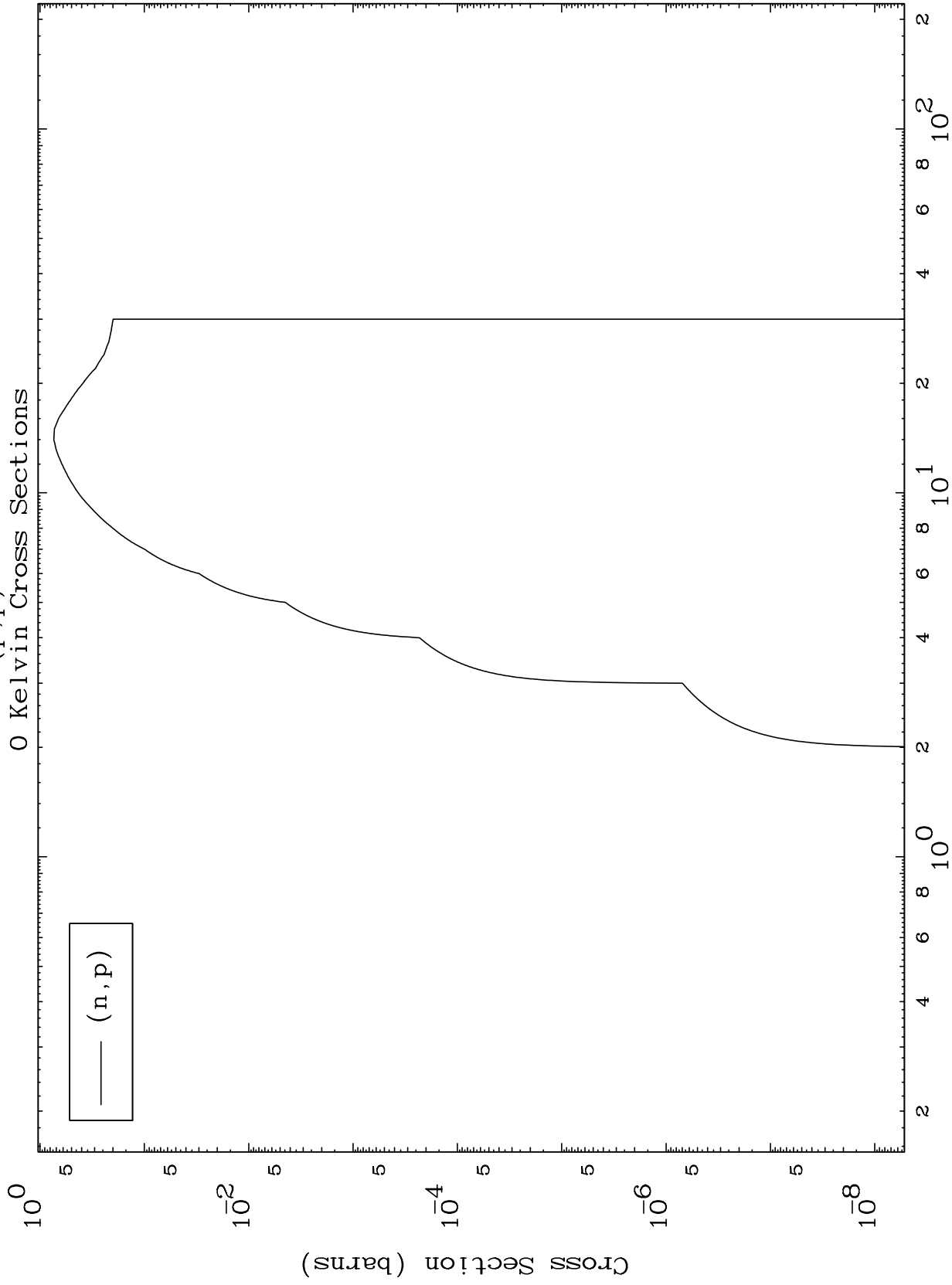
54-Xe-119



MAT 5410

(p,p) Levels

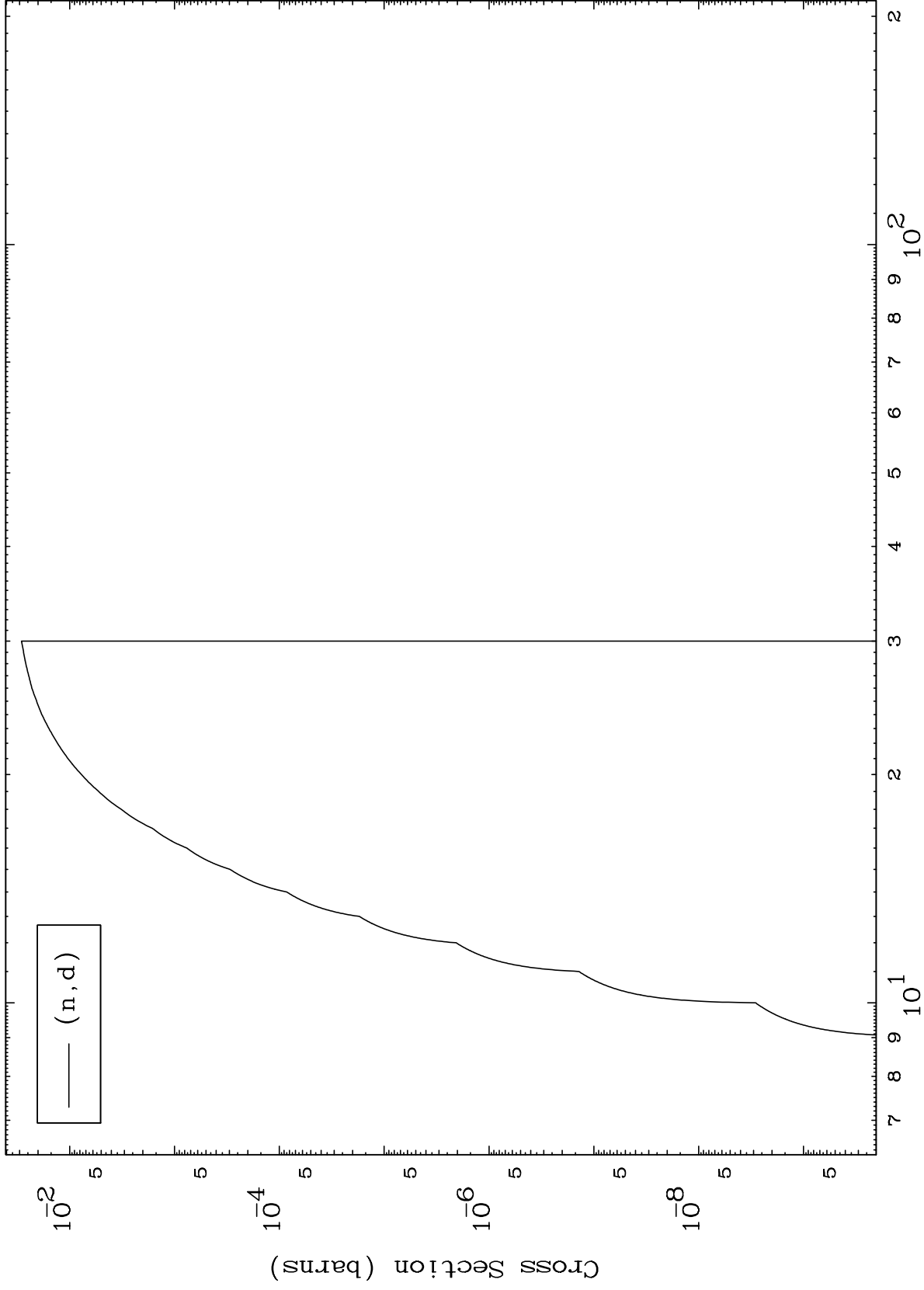
54-Xe-119



MAT 5410

(p,d) Levels
0 Kelvin Cross Sections

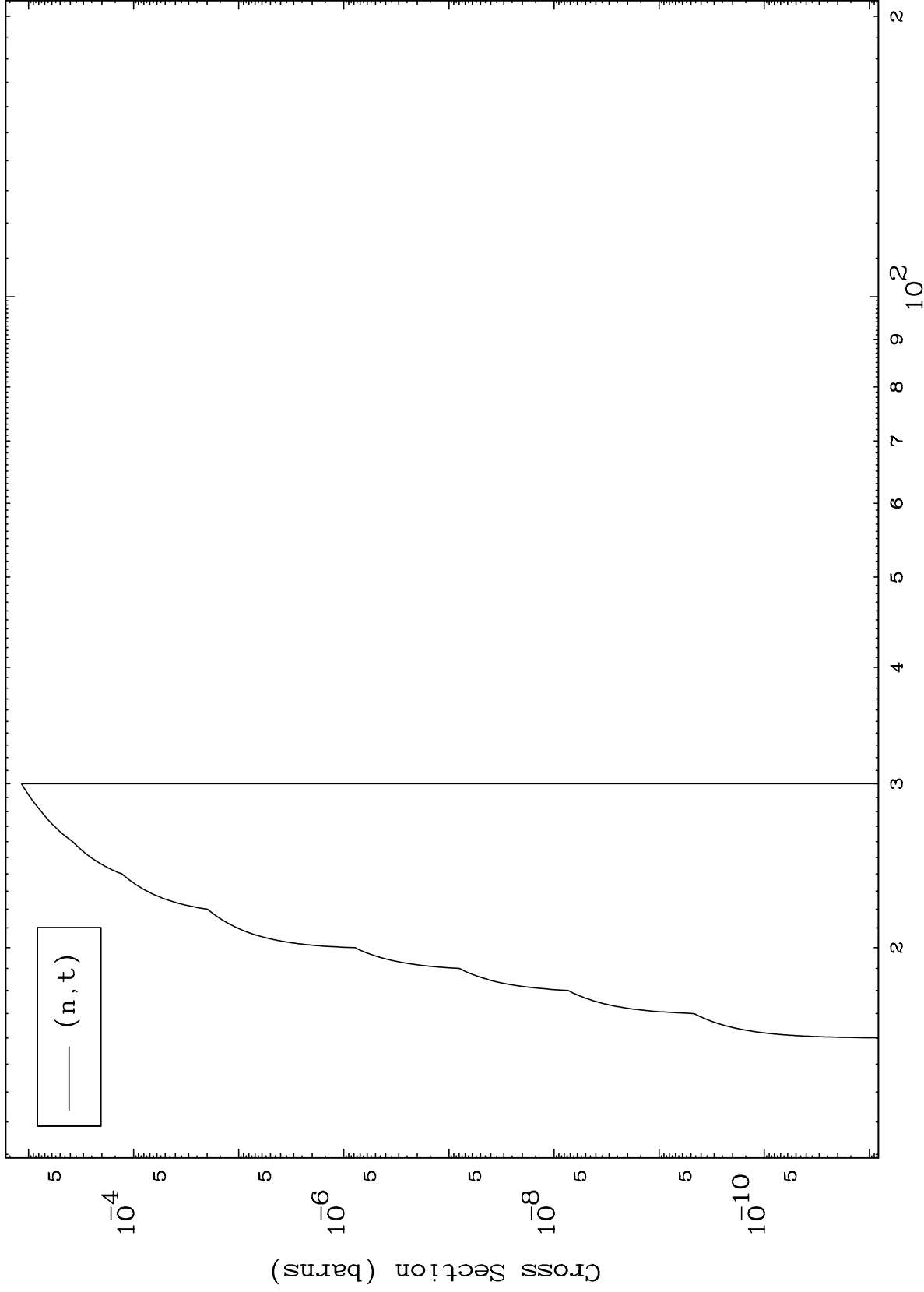
54-Xe-119



8

Incident Energy (MeV)

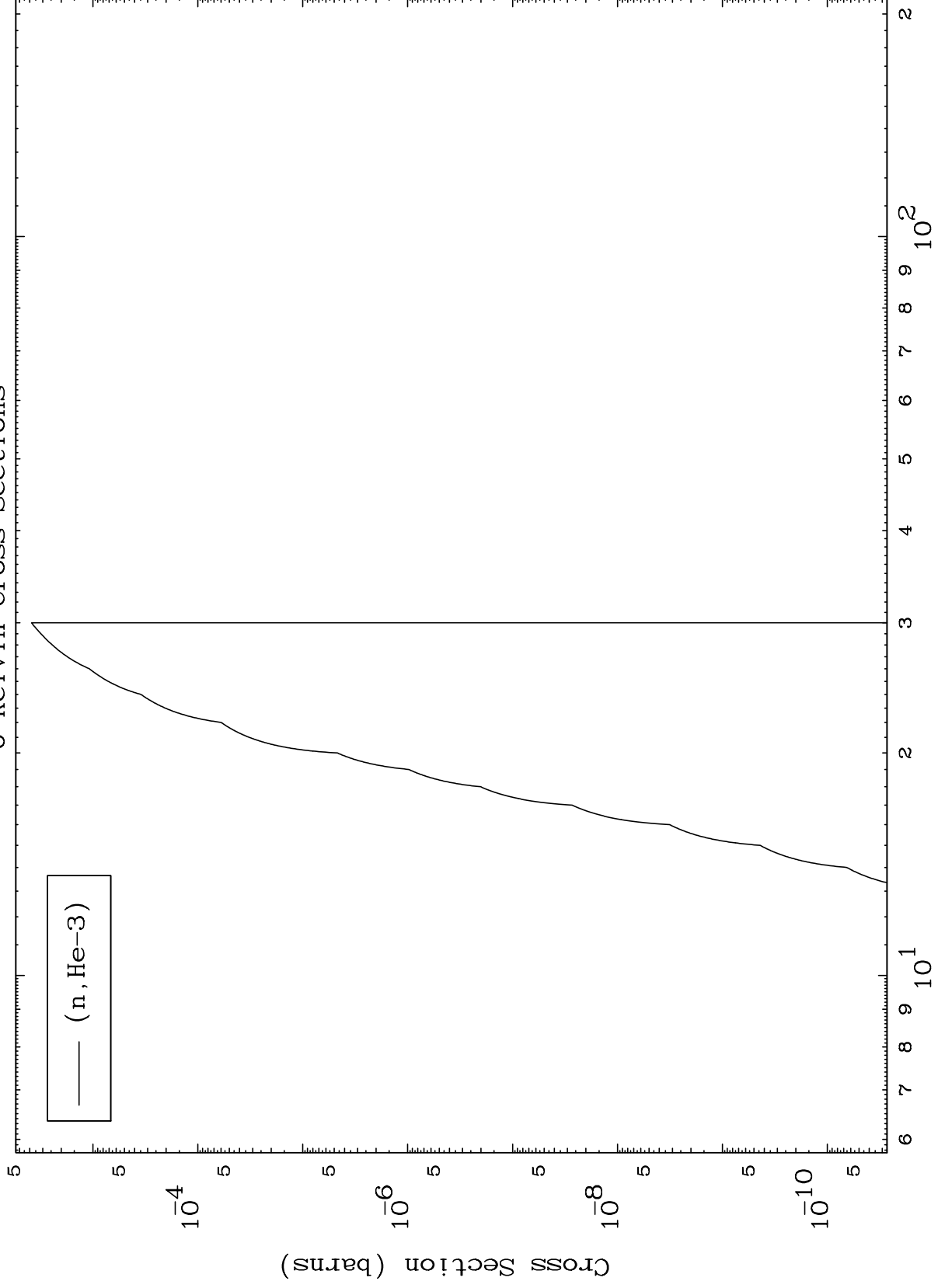
54-Xe-119



MAT 5410

(p,He3) Levels
0 Kelvin Cross Sections

54-Xe-119



10

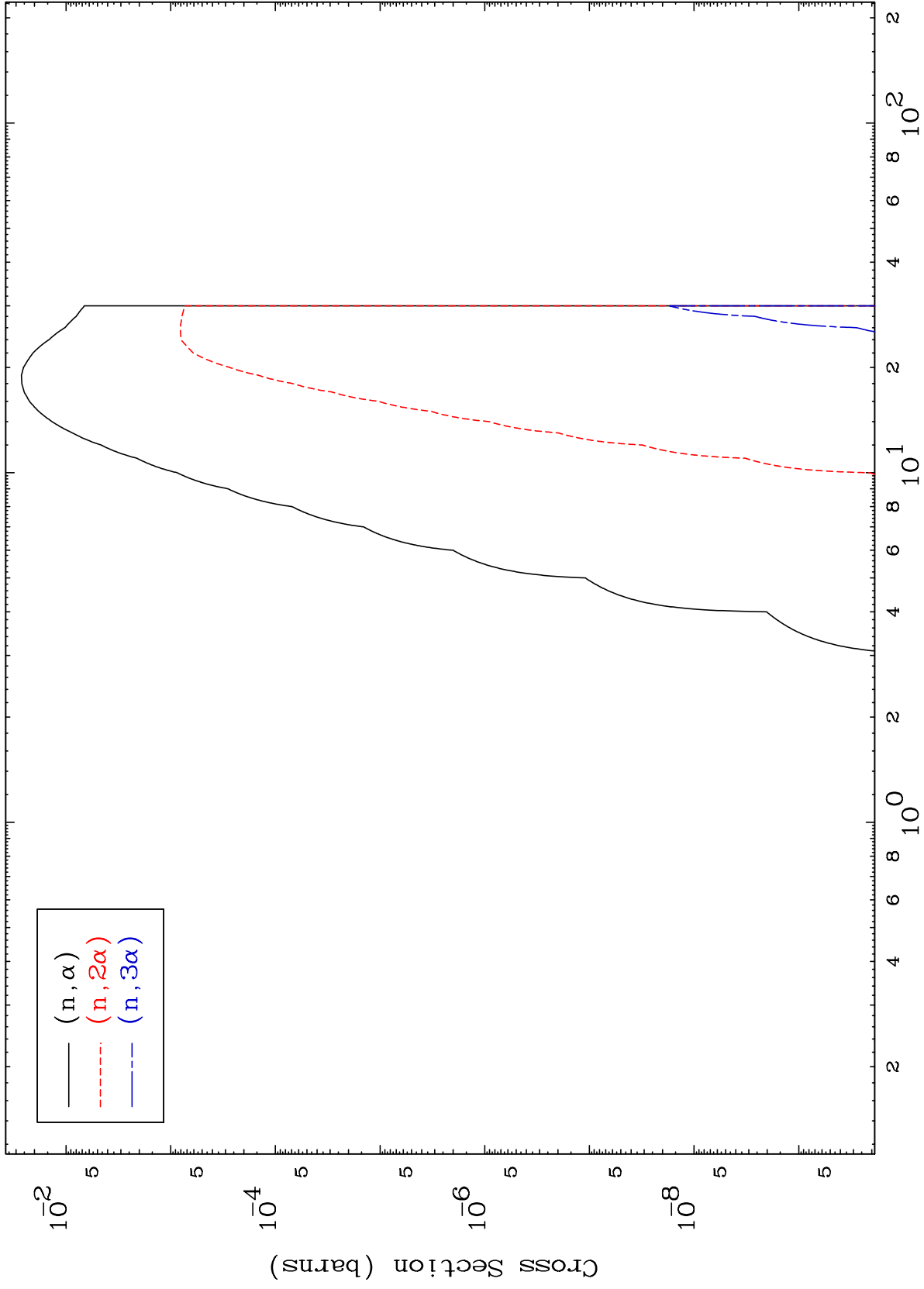
Incident Energy (MeV)

54-Xe-119

MAT 5410

0 Kelvin Cross Sections
(p, α) Levels

54-Xe-119



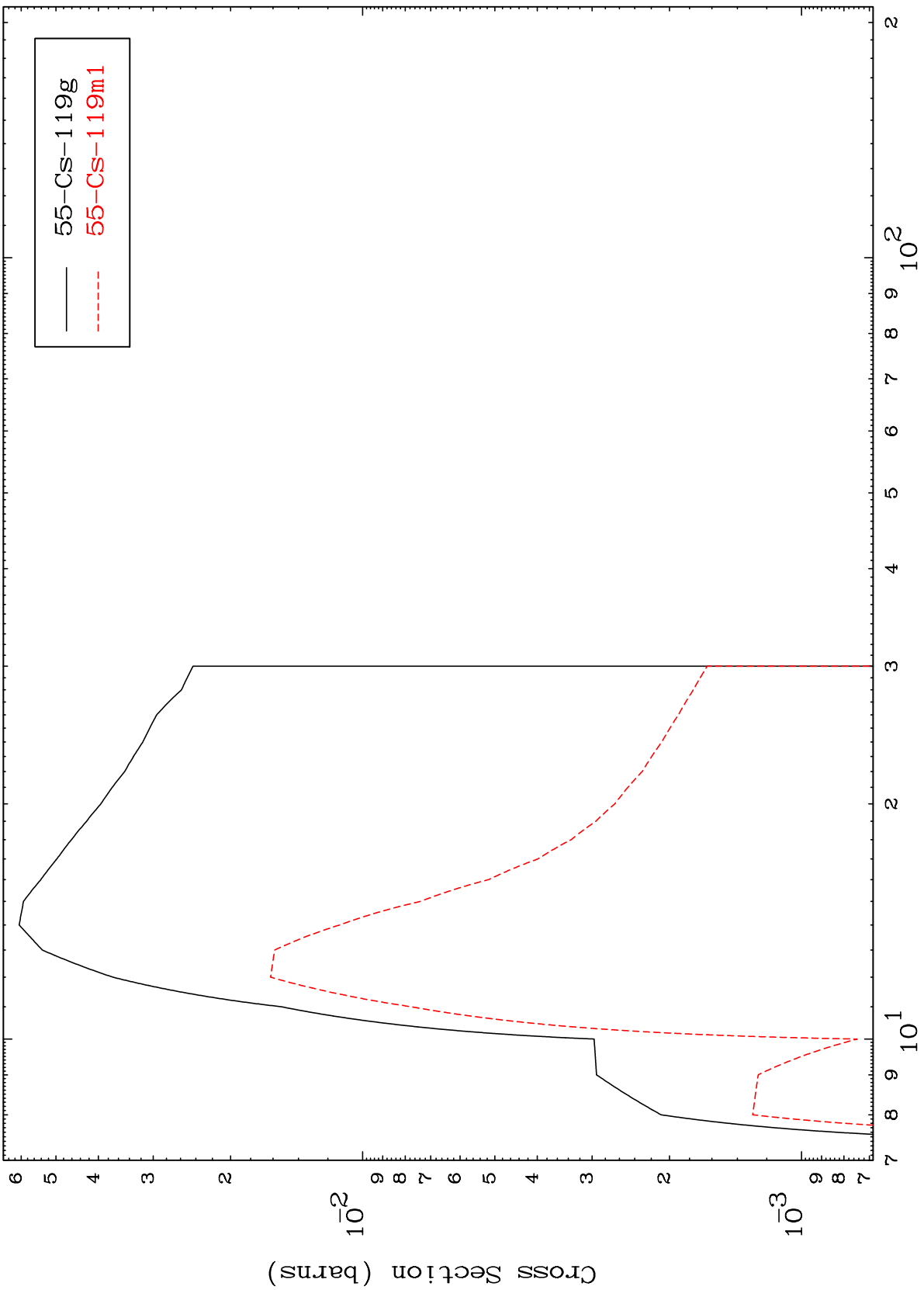
11

54-Xe-119

MAT 5410

54-Xe-119

Inelastic
Radionuclide Production Cross Section



54-Xe-119

Incident Energy (MeV)

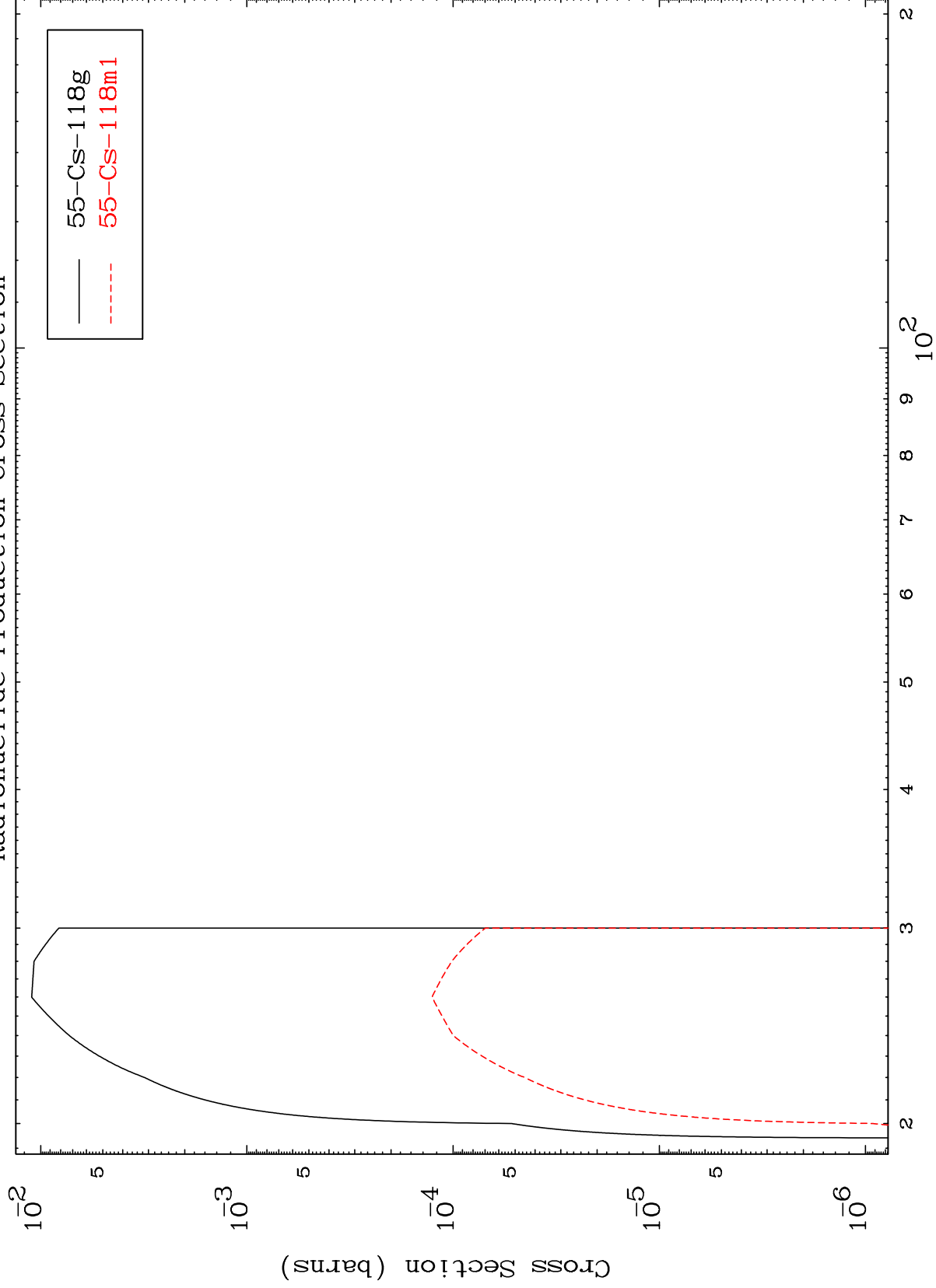
12

MAT 5410

(n,2n)

54-Xe-119

Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-119

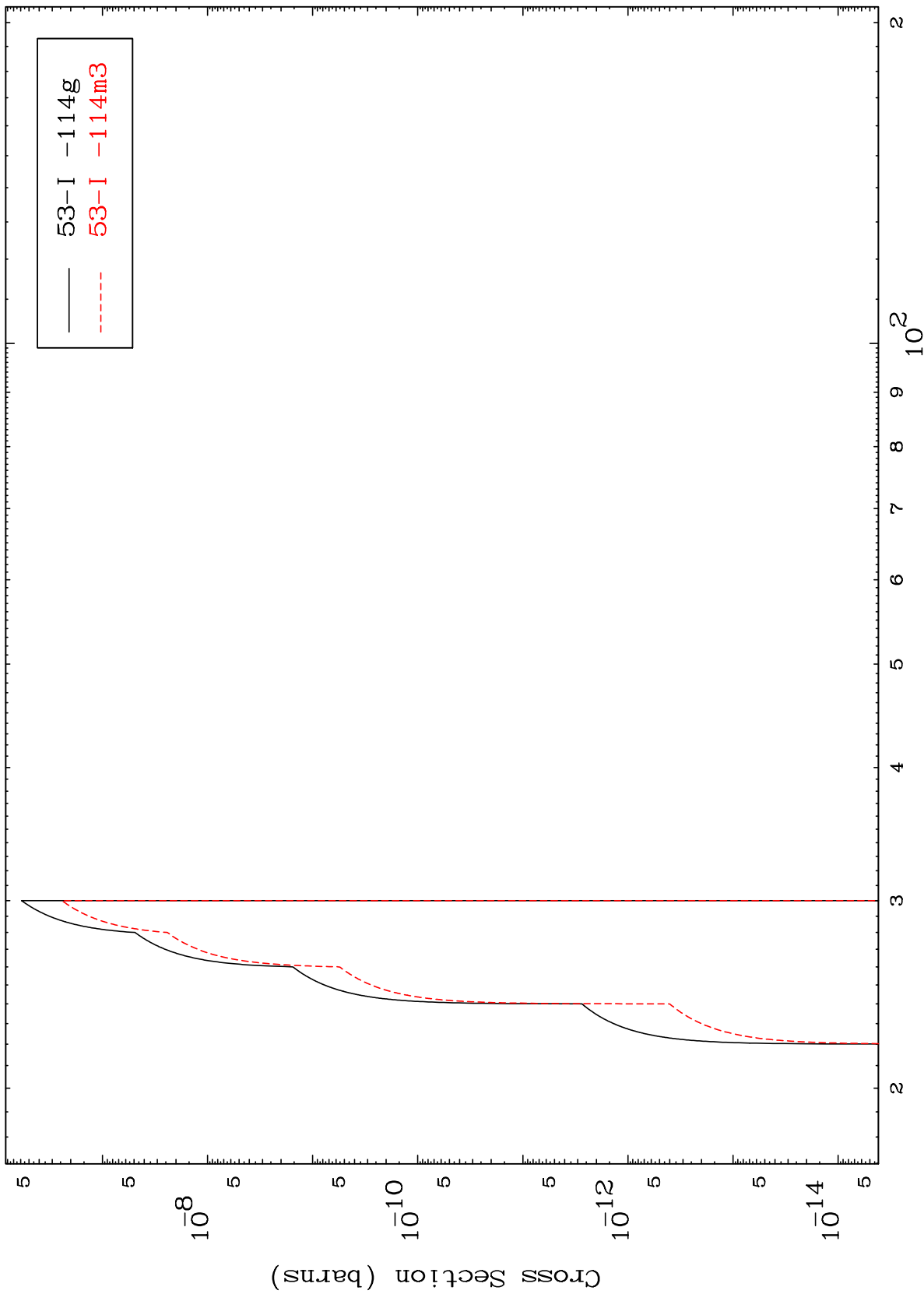
13

MAT 5410

(n,2n) α

54-Xe-119

Radionuclide Production Cross Section



14

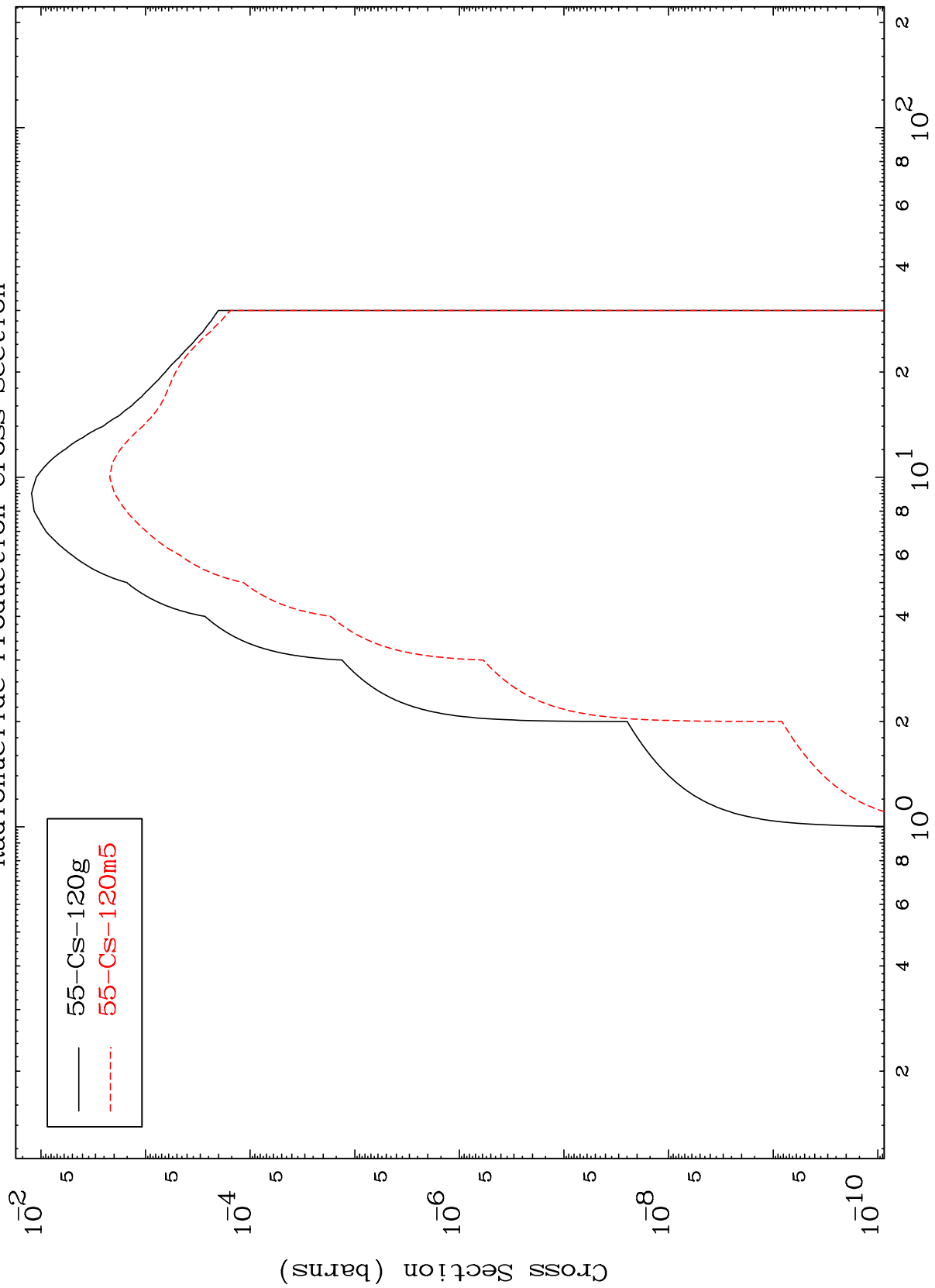
Incident Energy (MeV)

54-Xe-119

MAT 5410

54-Xe-119

(n, γ)
Radionuclide Production Cross Section



55-Cs-120g
55-Cs-120m5

54-Xe-119

Incident Energy (MeV)

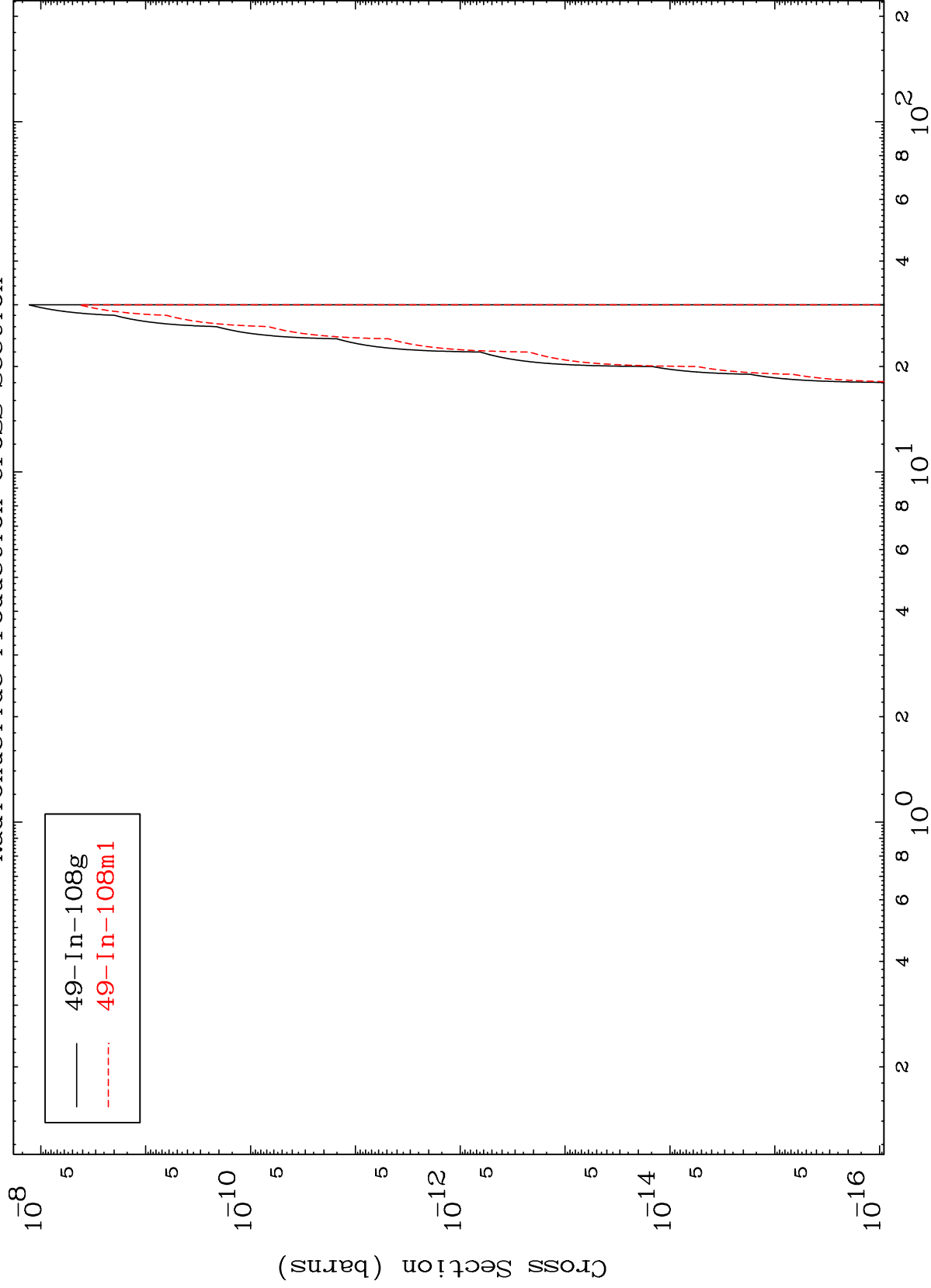
15

MAT 5410

(n,3 α)

54-Xe-119

Radionuclide Production Cross Section



16

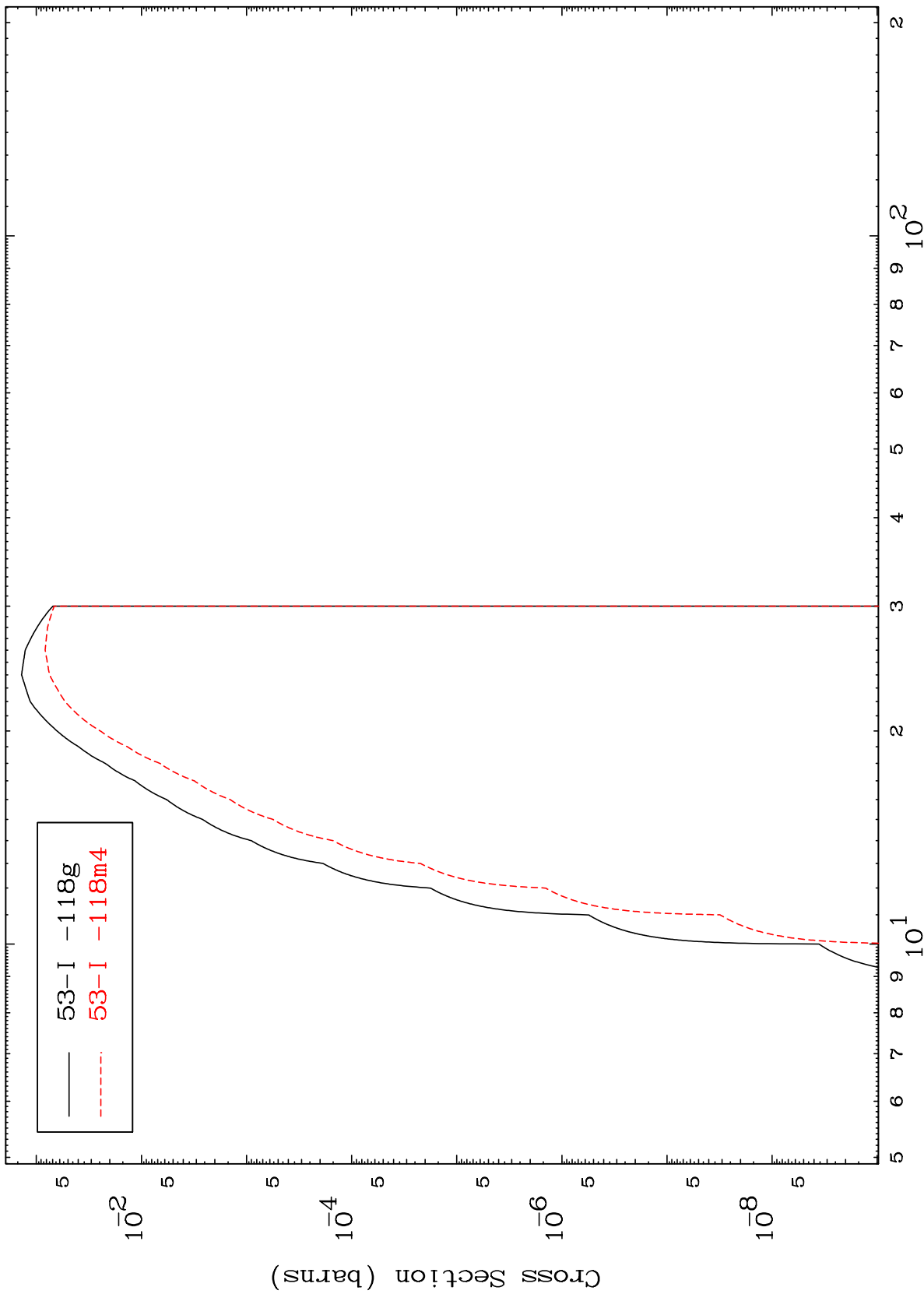
Incident Energy (MeV)

54-Xe-119

MAT 5410

54-Xe-119

(n,2p)
Radionuclide Production Cross Section



53-I -118g
53-I -118m4

17

Incident Energy (MeV)

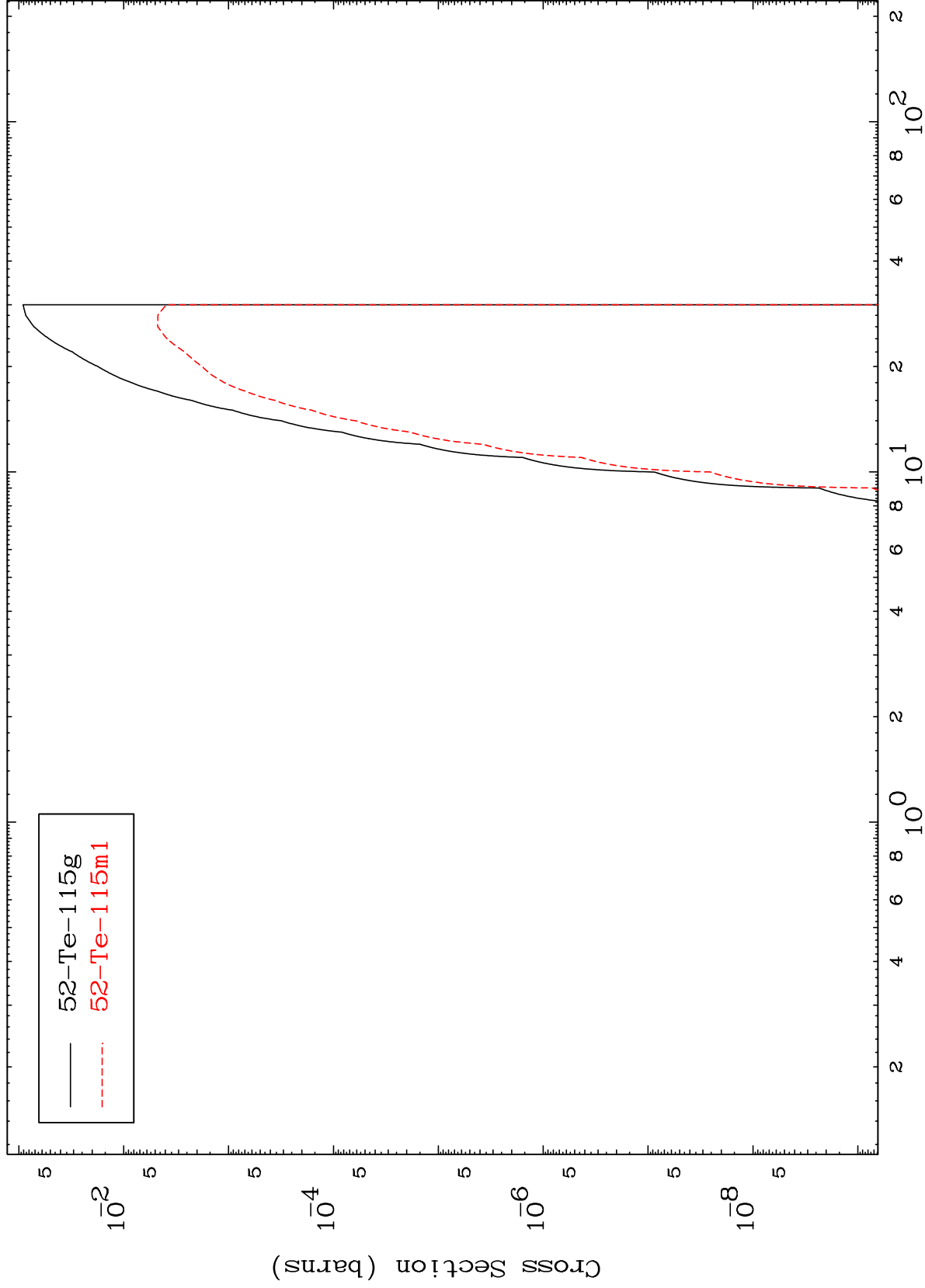
54-Xe-119

MAT 5410

(n,p) α

54-Xe-119

Radionuclide Production Cross Section



18

Incident Energy (MeV)

54-Xe-119