

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

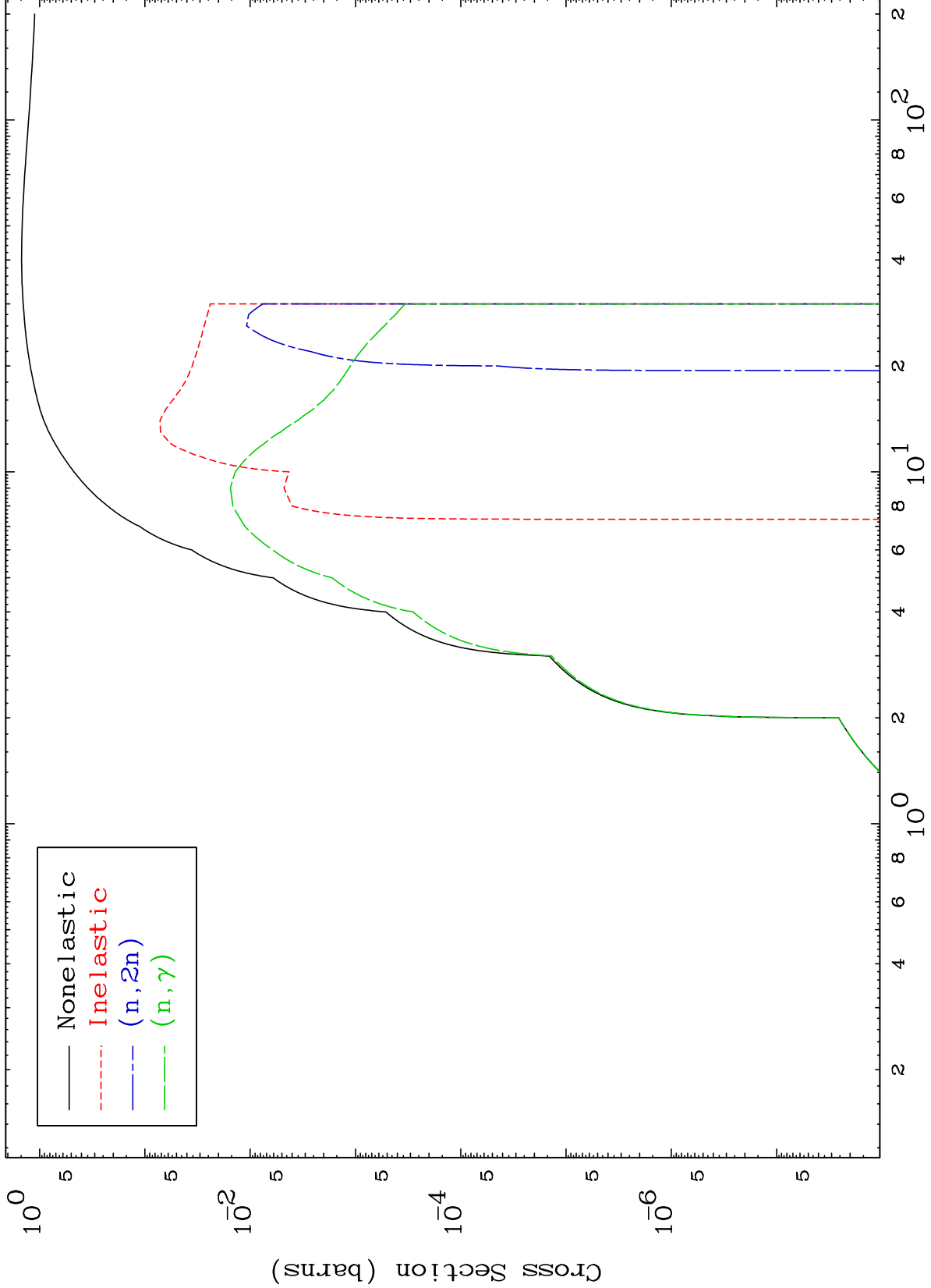
Press Mouse Button to Start

MAT 5410

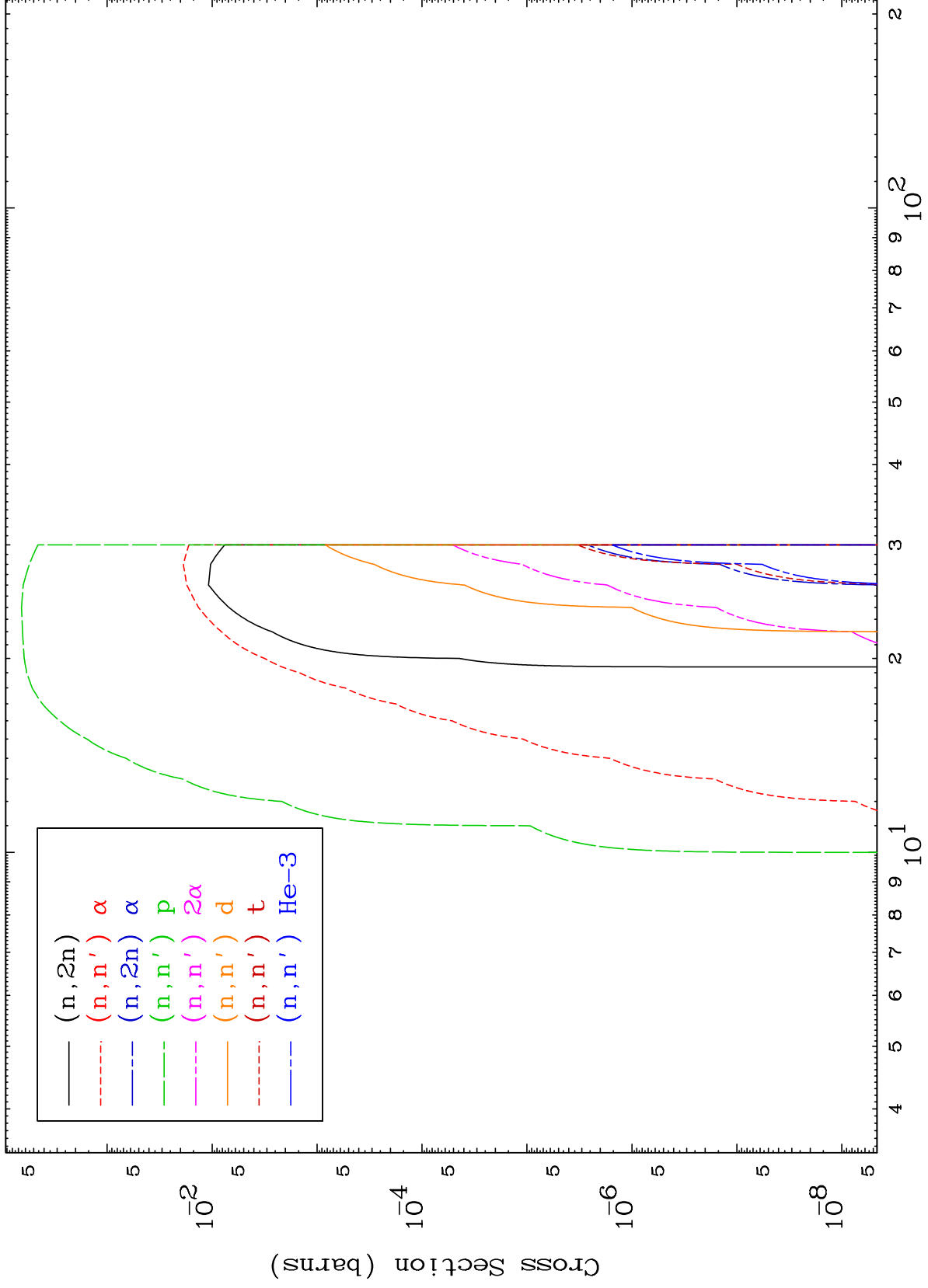
Proton Major

54-Xe-119

0 Kelvin Cross Sections



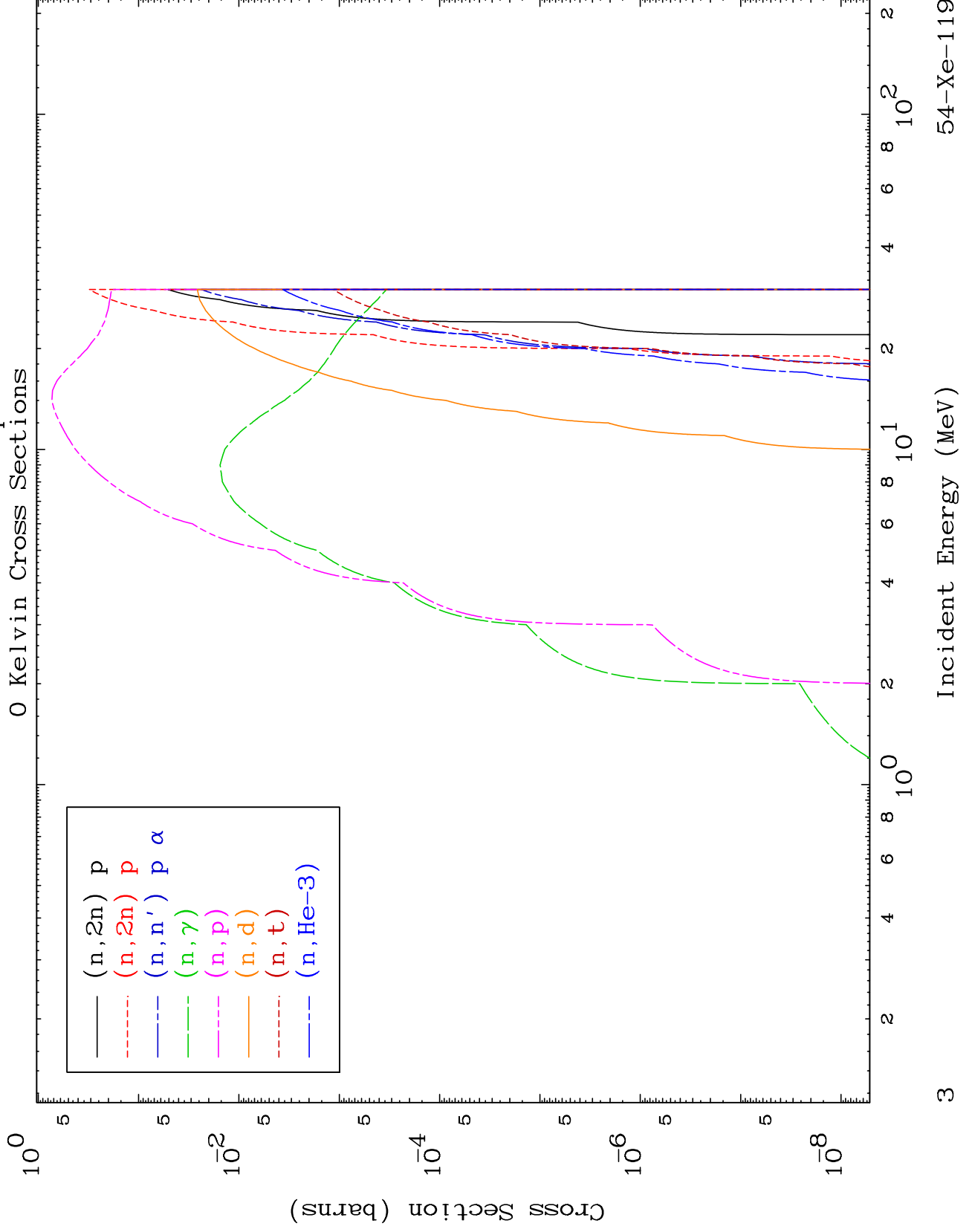
Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)  
- - - (n, γ)



MAT 5410

Proton Neutron Absorption  
0 Kelvin Cross Sections

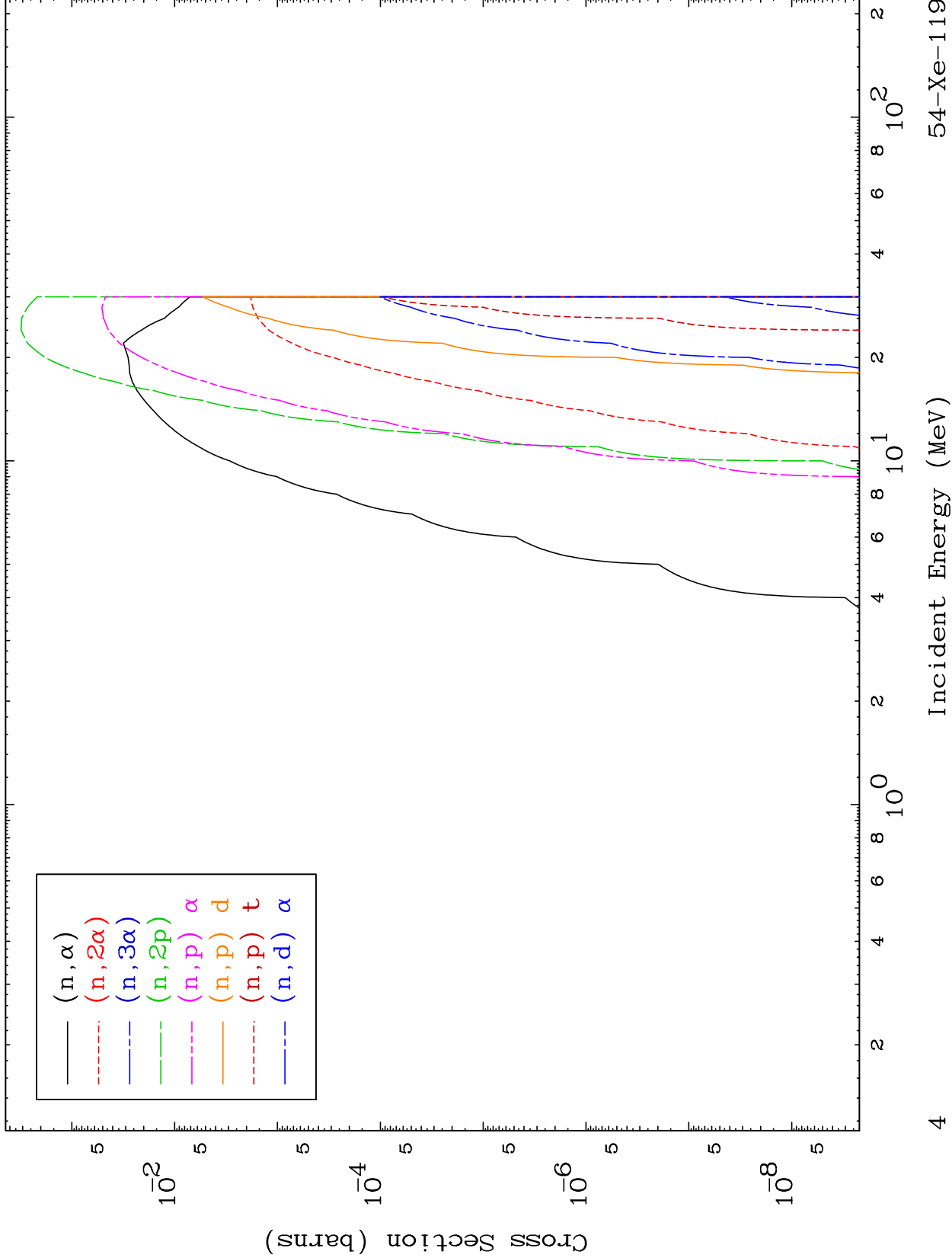
54-Xe-119



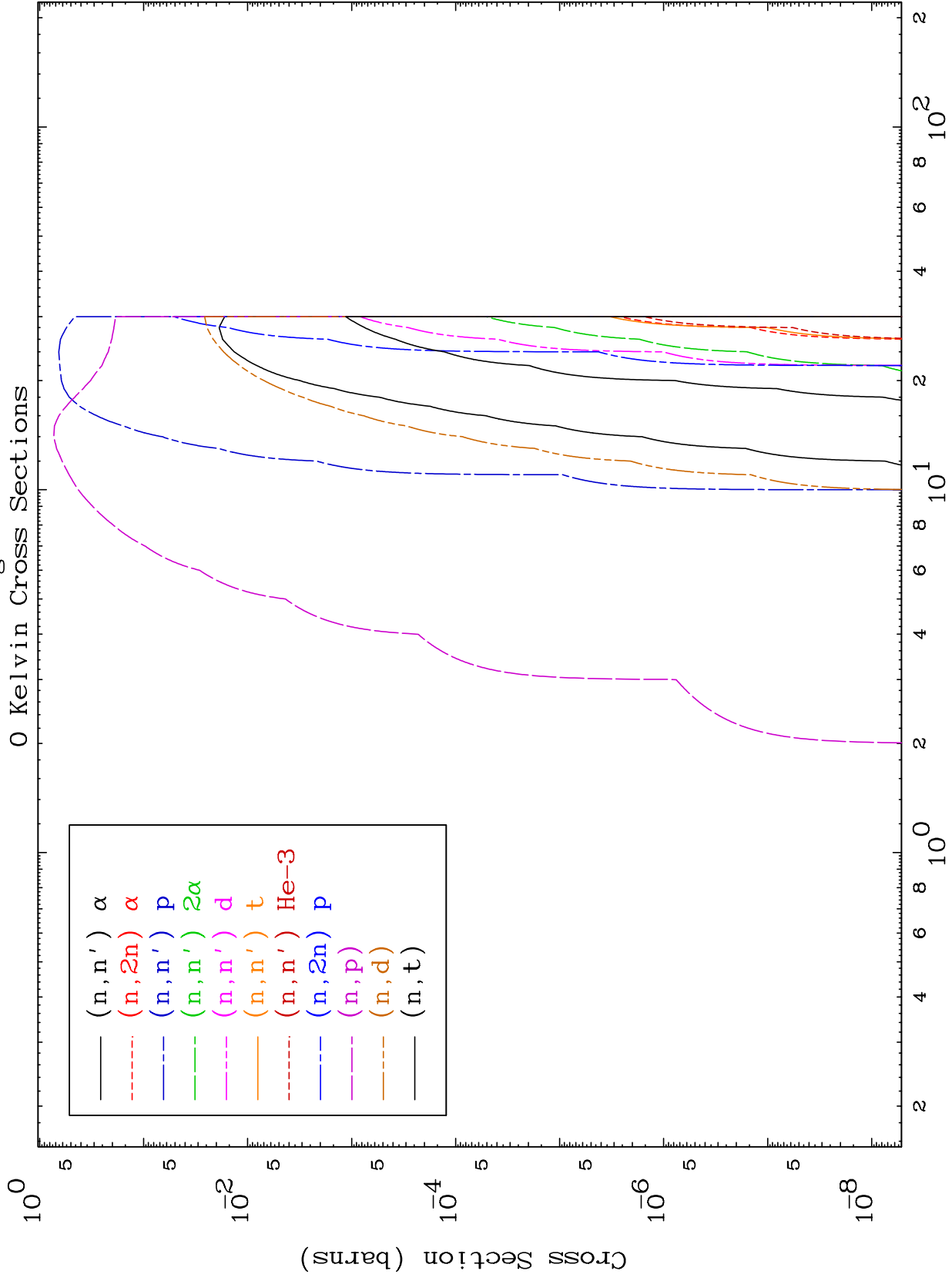
MAT 5410

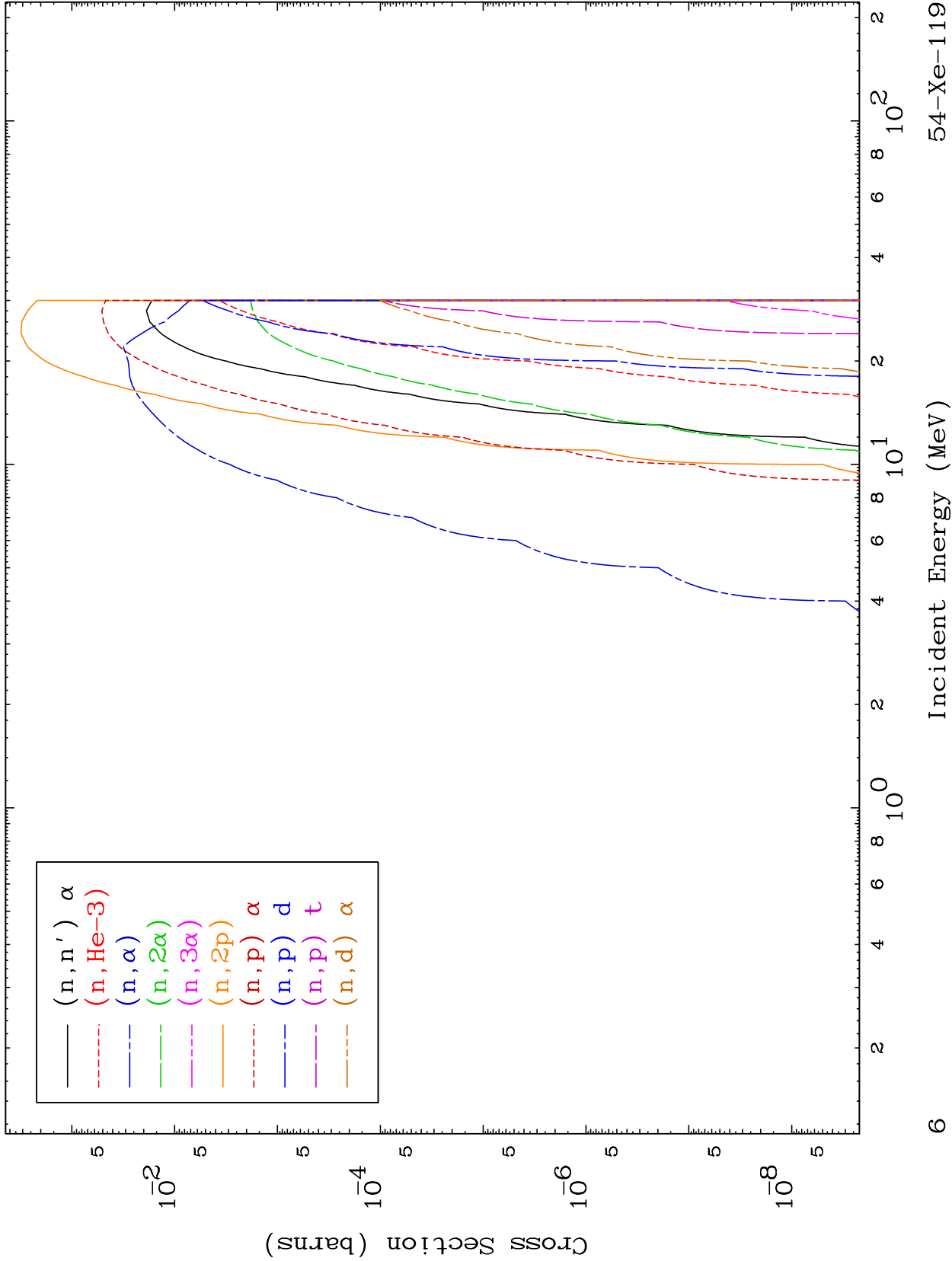
Proton Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-119



54-Xe-119

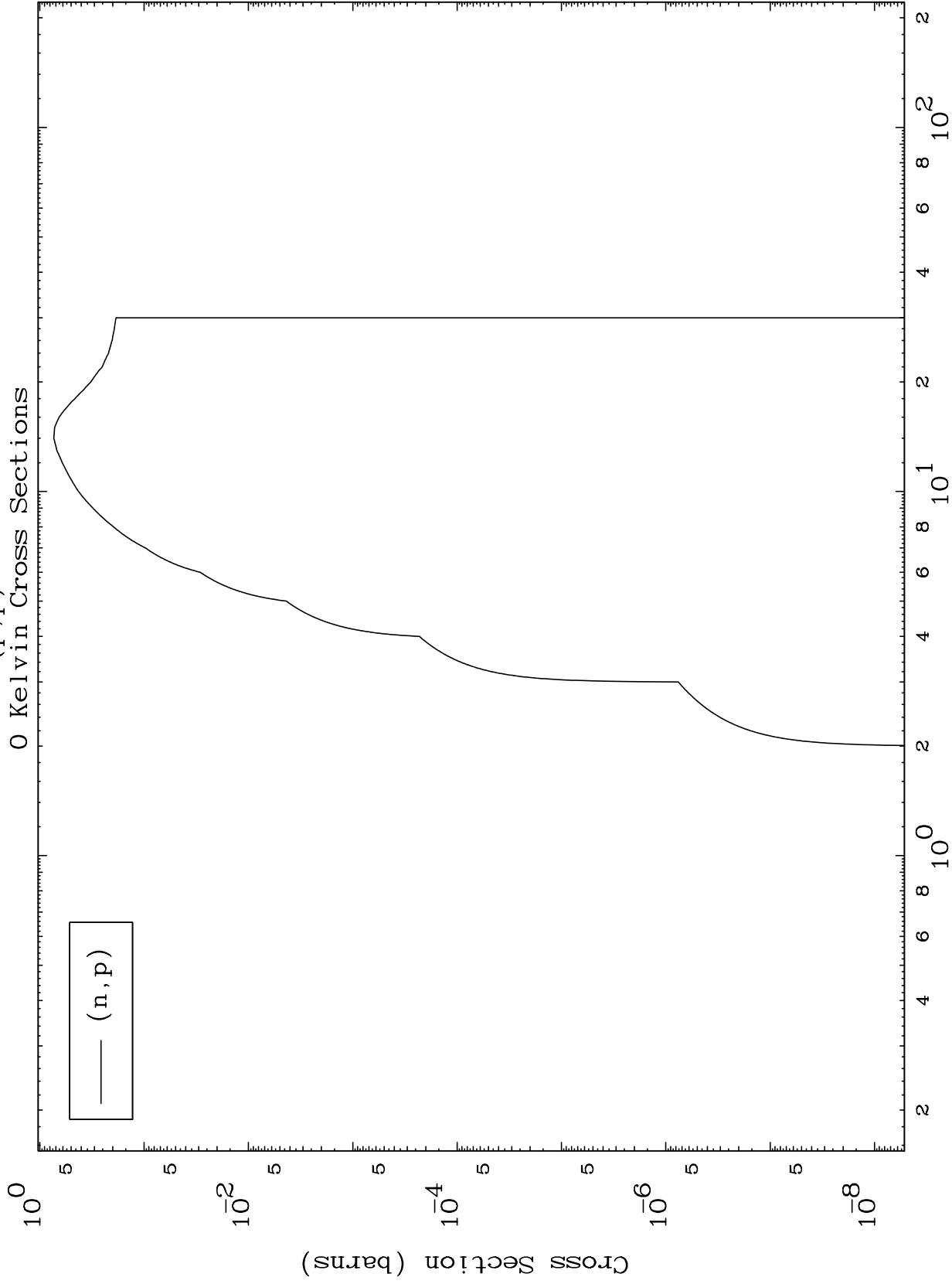




MAT 5410

(p,p) Levels

54-Xe-119

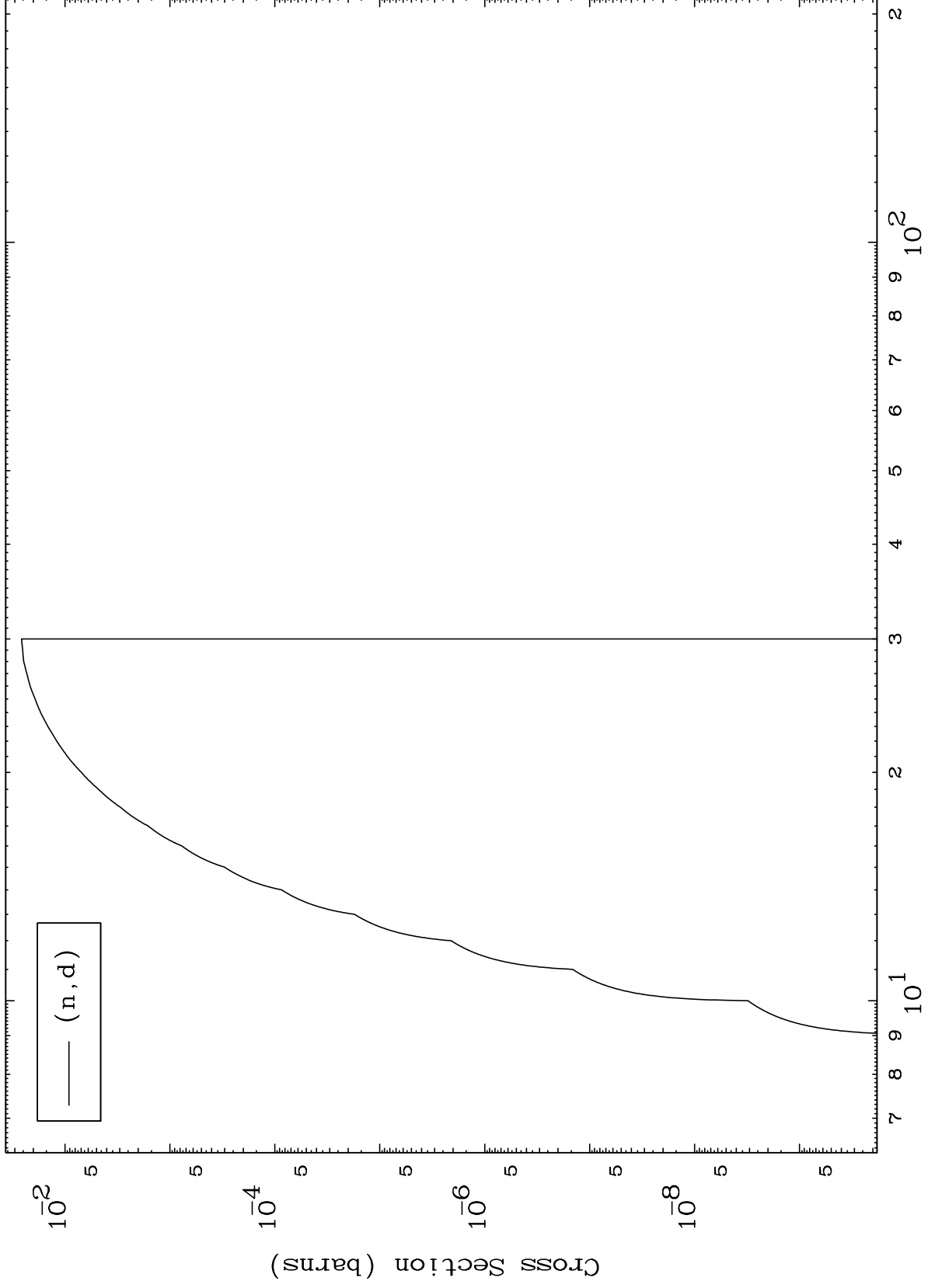




MAT 5410

(p,d) Levels  
0 Kelvin Cross Sections

54-Xe-119



8

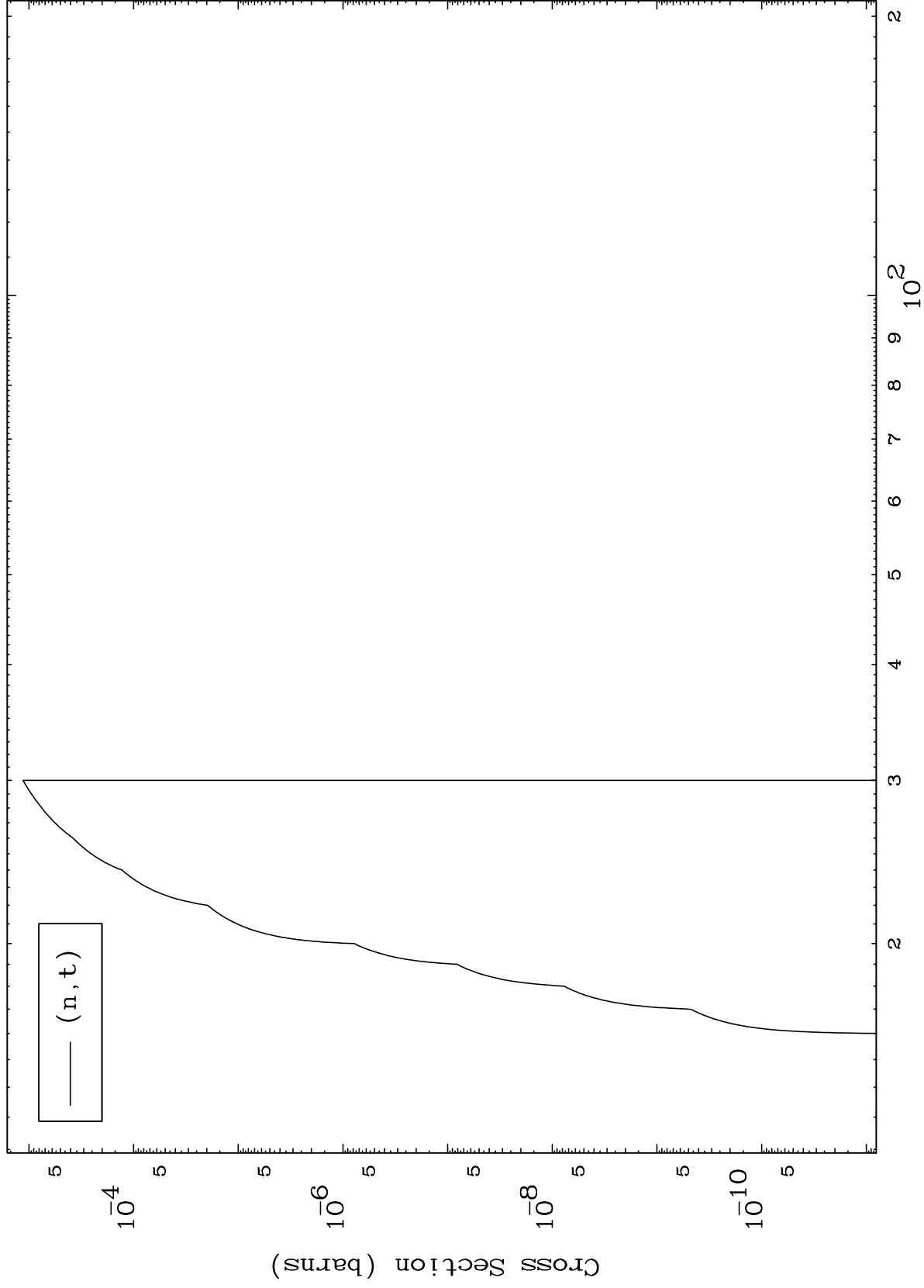
Incident Energy (MeV)

54-Xe-119

MAT 5410

54-Xe-119

(p,t) Levels  
0 Kelvin Cross Sections



54-Xe-119

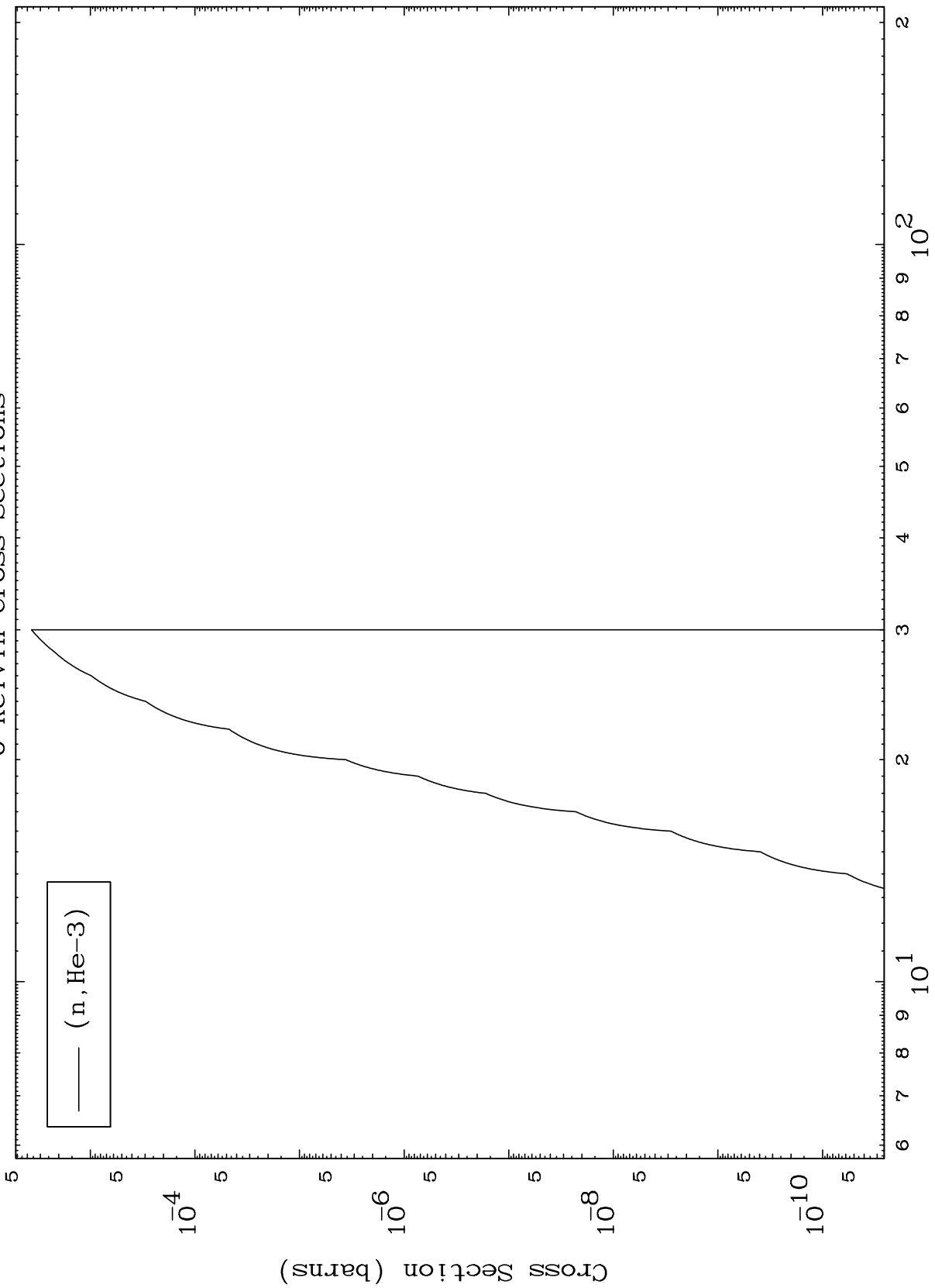
Incident Energy (MeV)

9

MAT 5410

54-Xe-119

(p,He3) Levels  
0 Kelvin Cross Sections



10

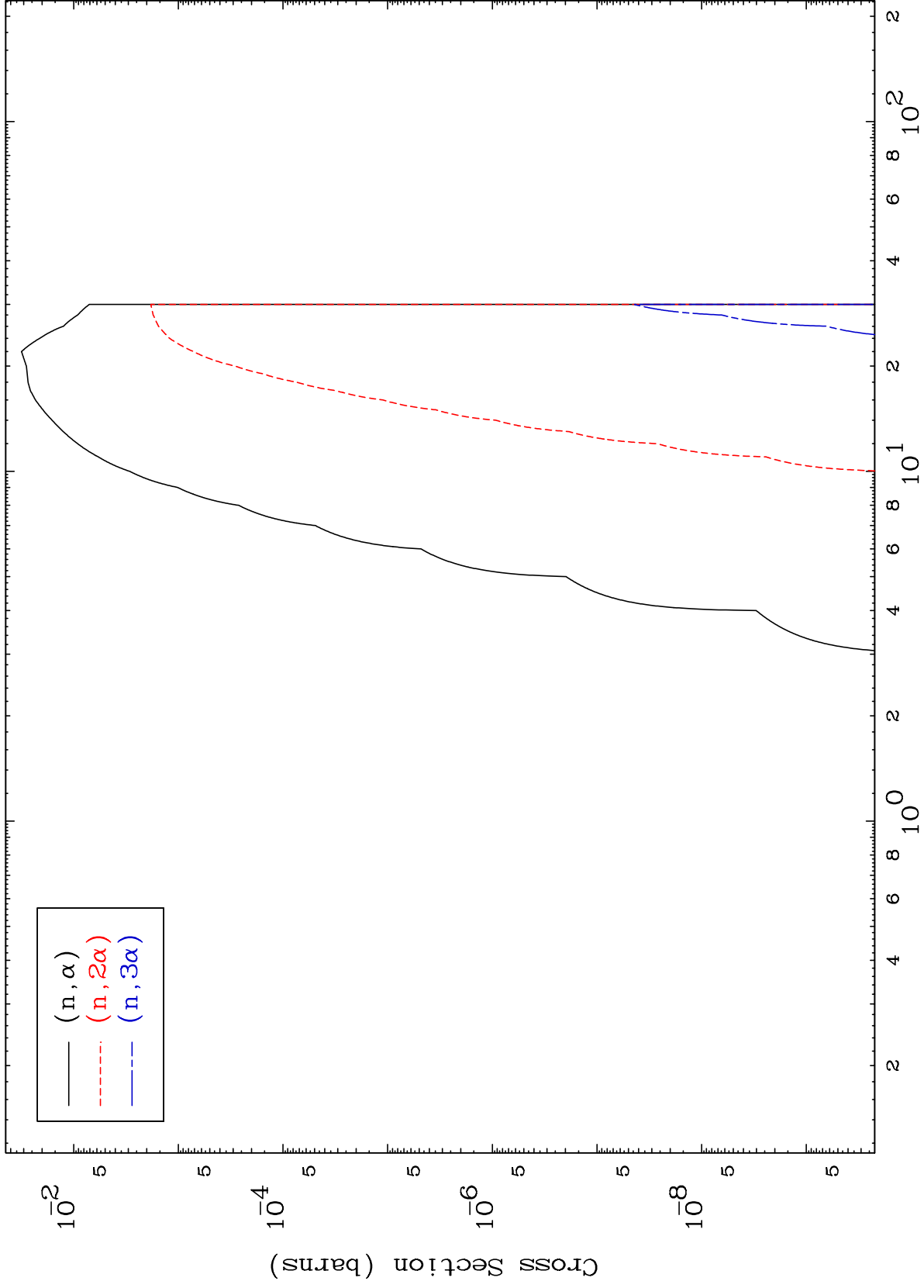
Incident Energy (MeV)

54-Xe-119

MAT 5410

(p,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

54-Xe-119



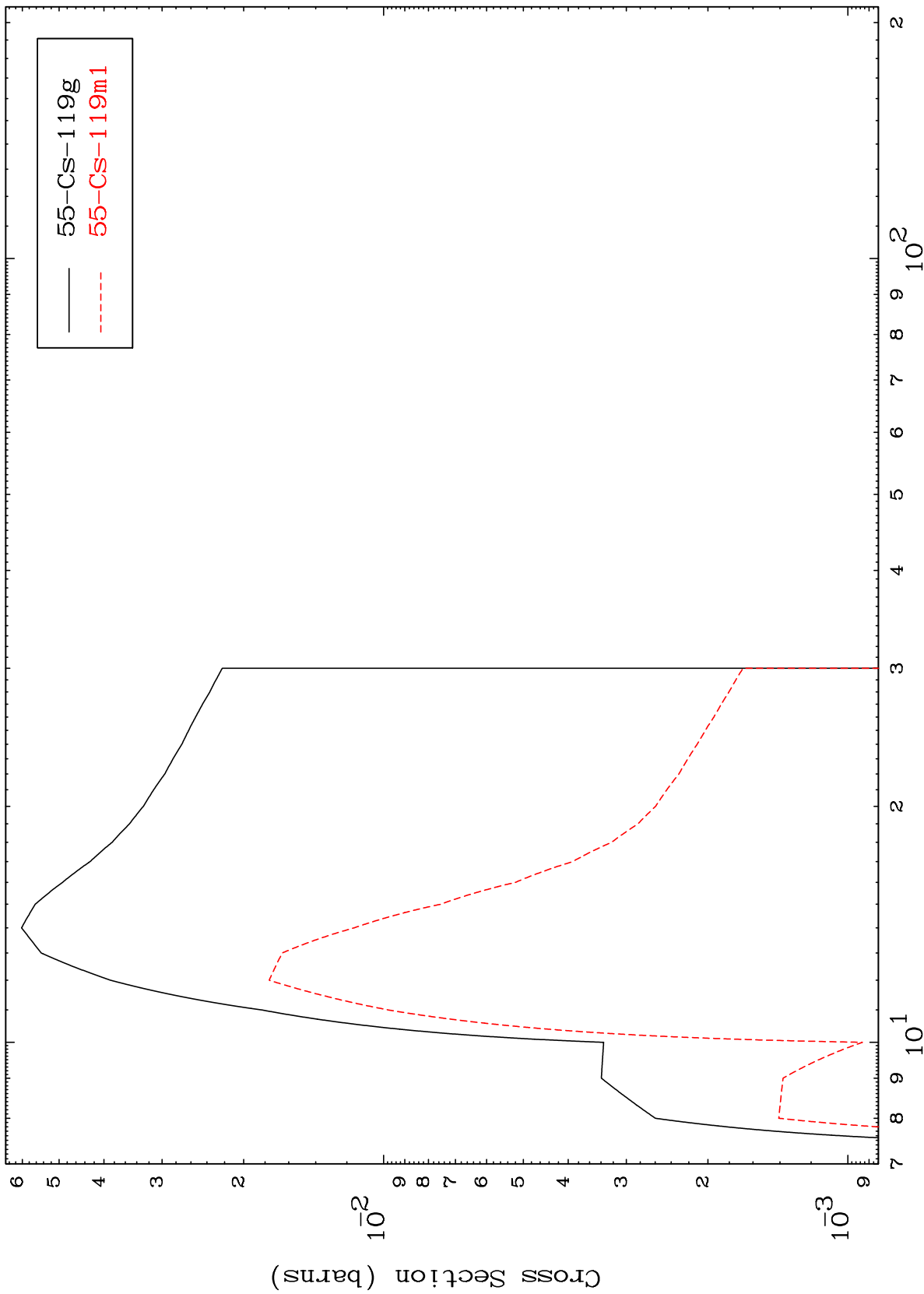
11

54-Xe-119

MAT 5410

54-Xe-119

Inelastic  
Radionuclide Production Cross Section



54-Xe-119

Incident Energy (MeV)

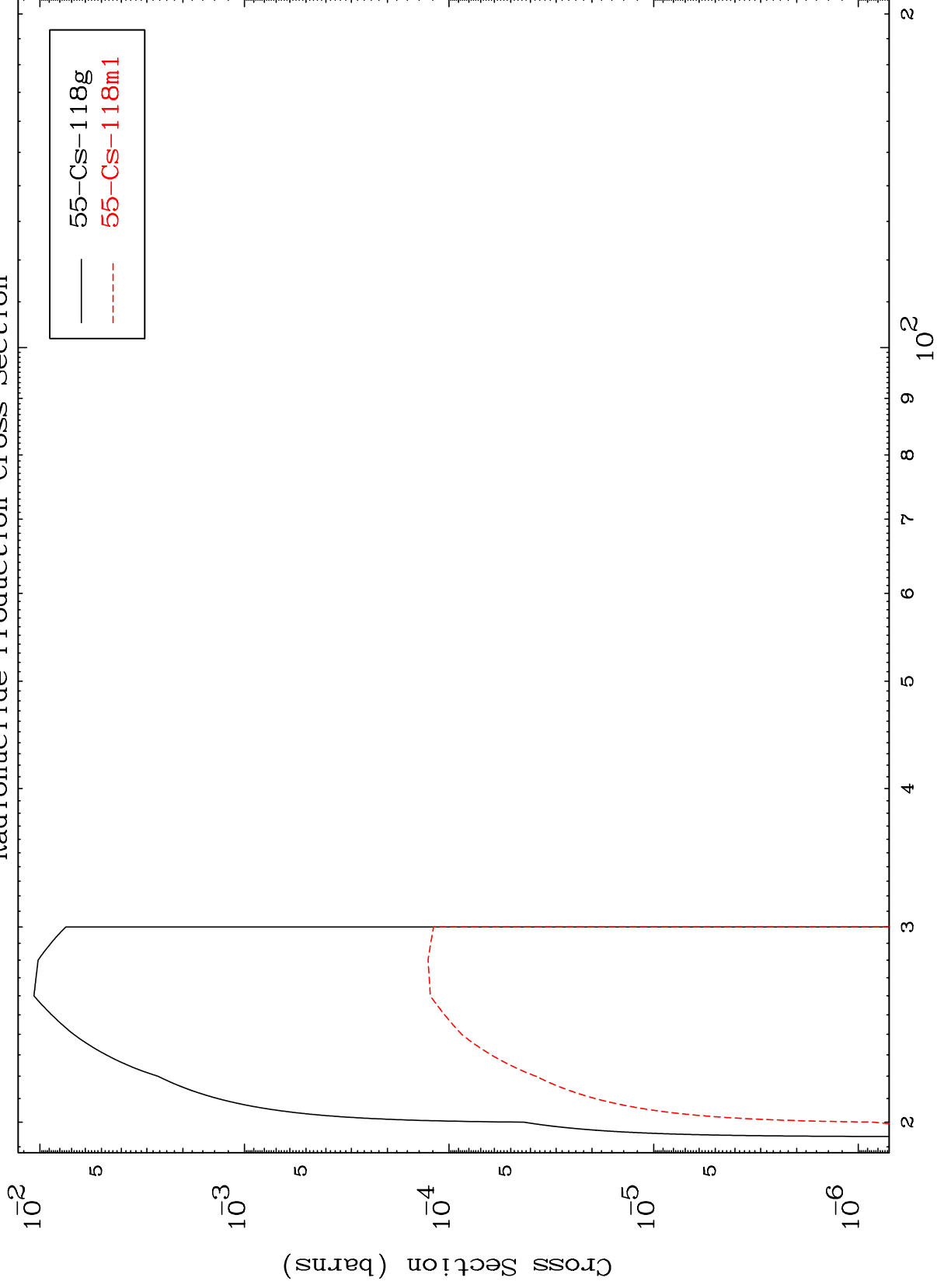
12

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(n,2n)

54-Xe-119

Radionuclide Production Cross Section



13

Incident Energy (MeV)

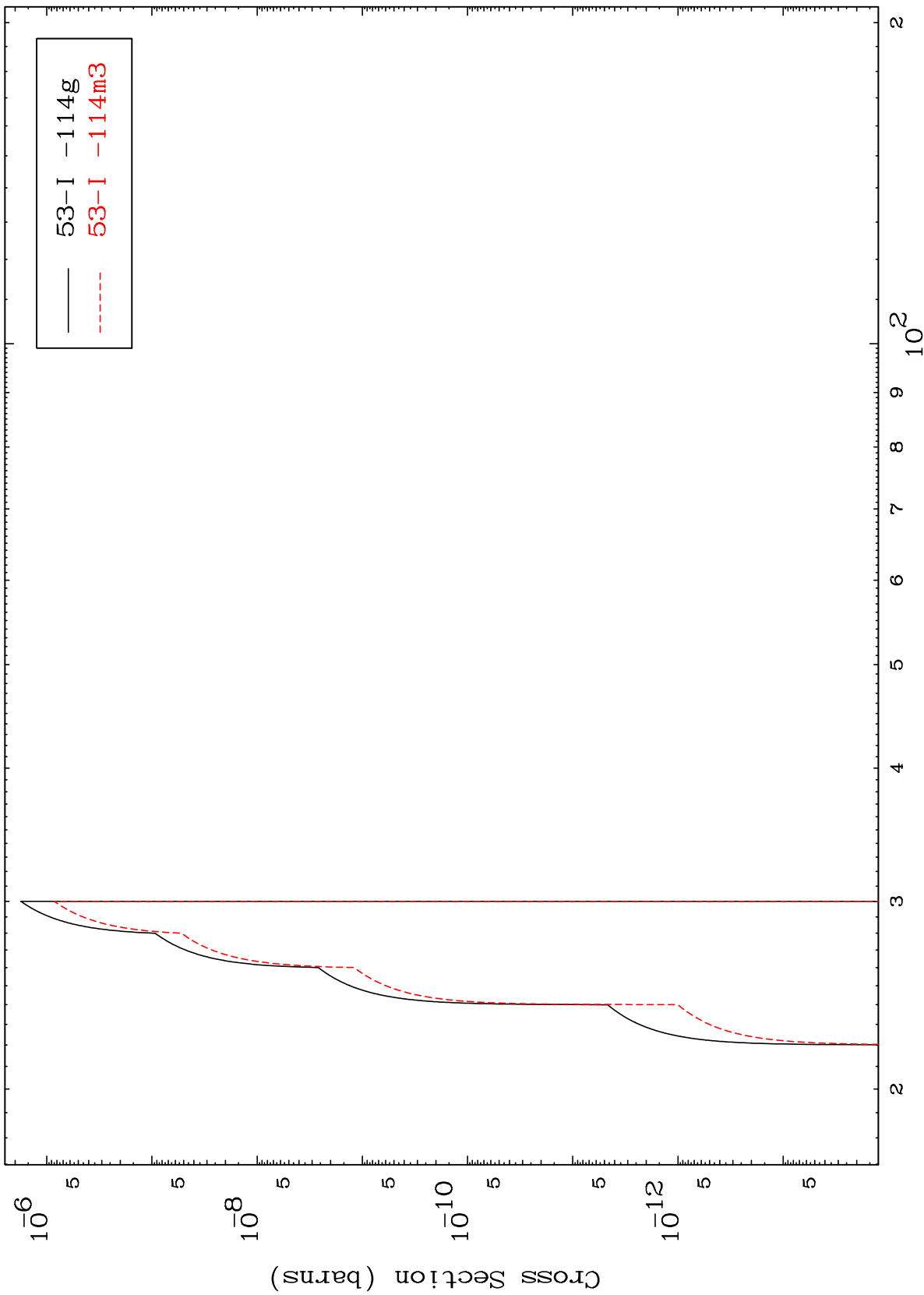
54-Xe-119

MAT 5410

(n,2n)  $\alpha$

54-Xe-119

Radionuclide Production Cross Section



14

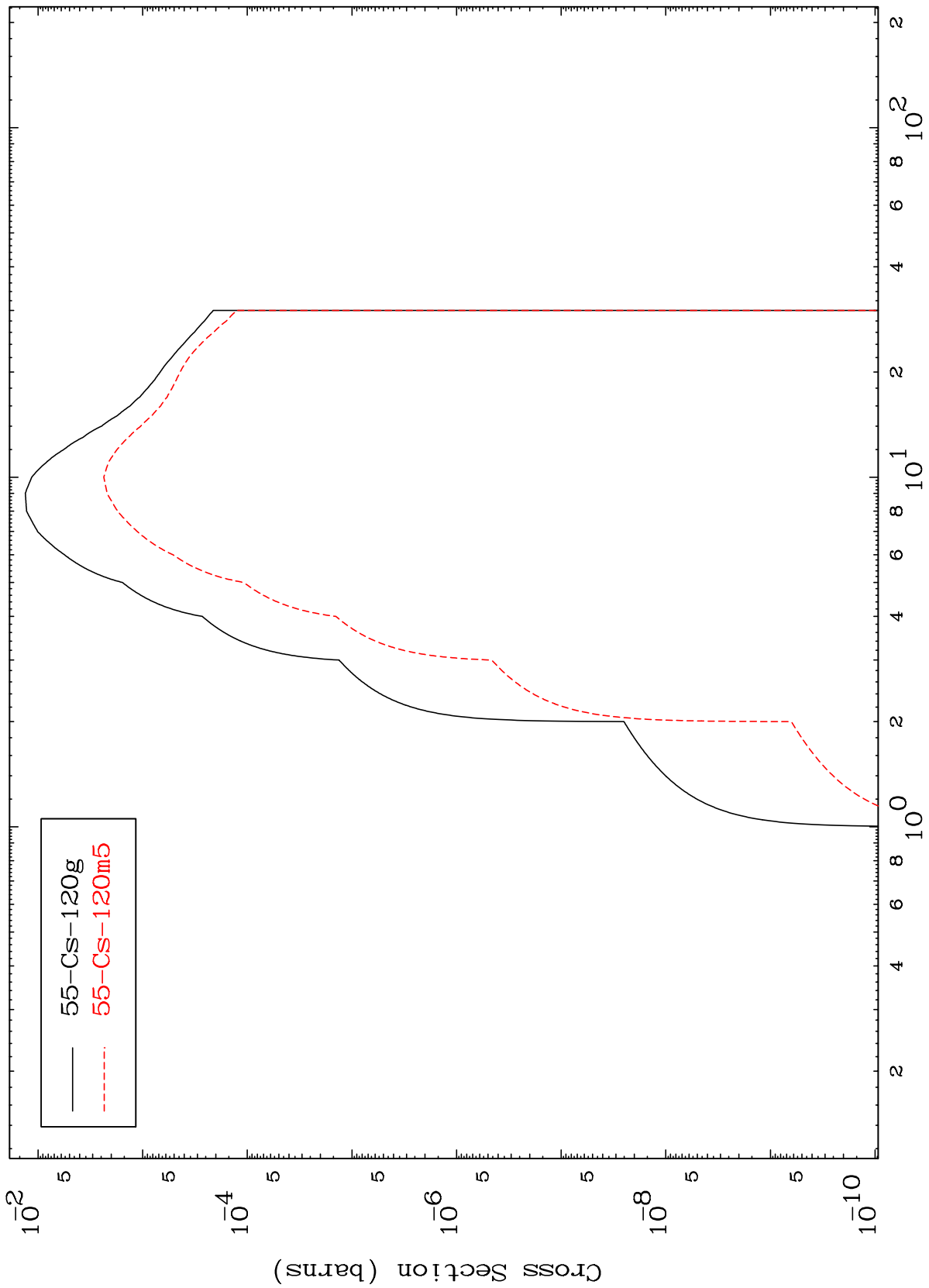
Incident Energy (MeV)

54-Xe-119

MAT 5410

54-Xe-119

(n,  $\gamma$ )  
Radionuclide Production Cross Section



— 55-Cs-120g  
- - - 55-Cs-120m5

54-Xe-119

Incident Energy (MeV)

15

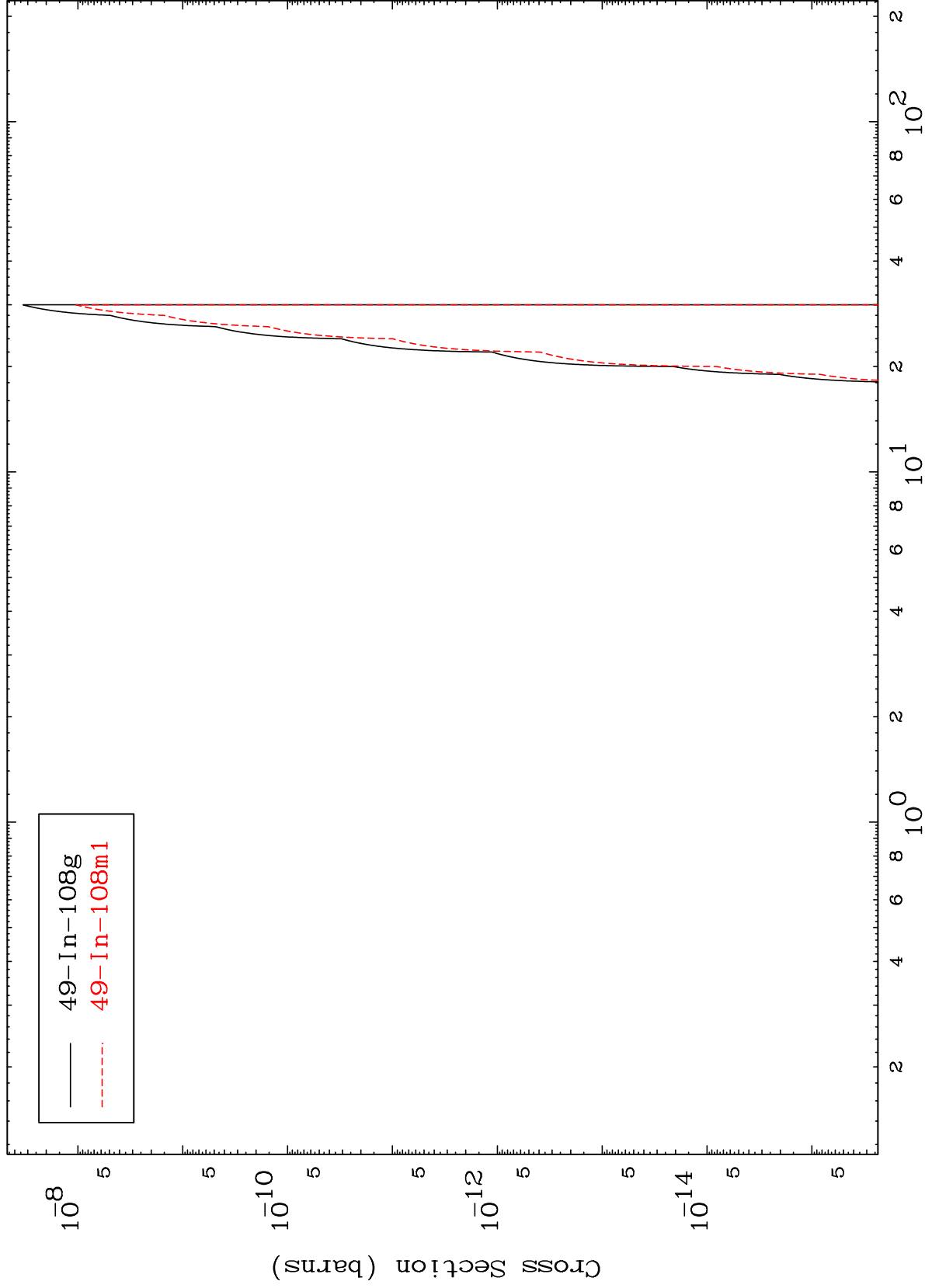


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(n,3α)

54-Xe-119

Radionuclide Production Cross Section



16

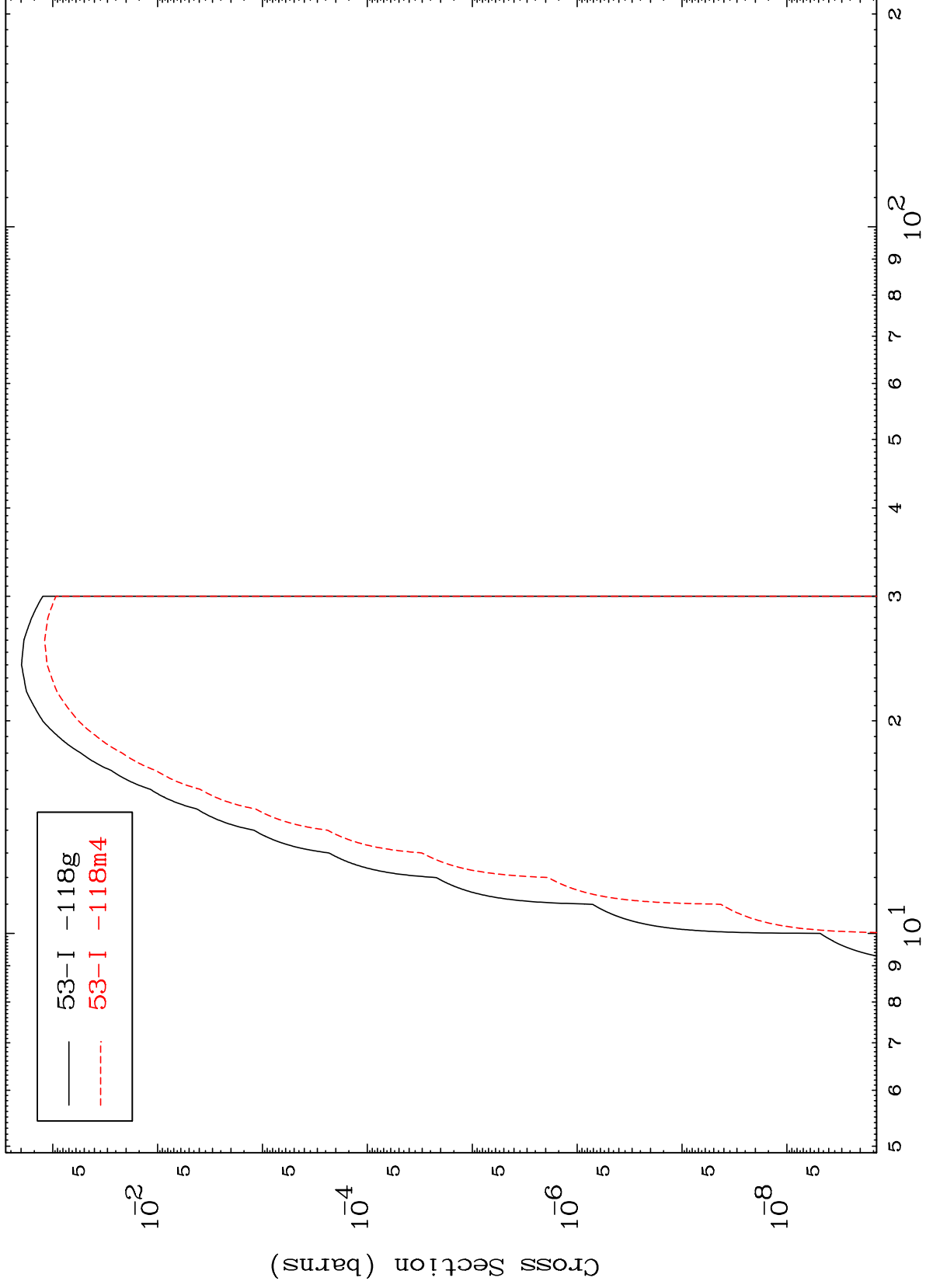
Incident Energy (MeV)

54-Xe-119

MAT 5410

54-Xe-119

(n,2p)  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

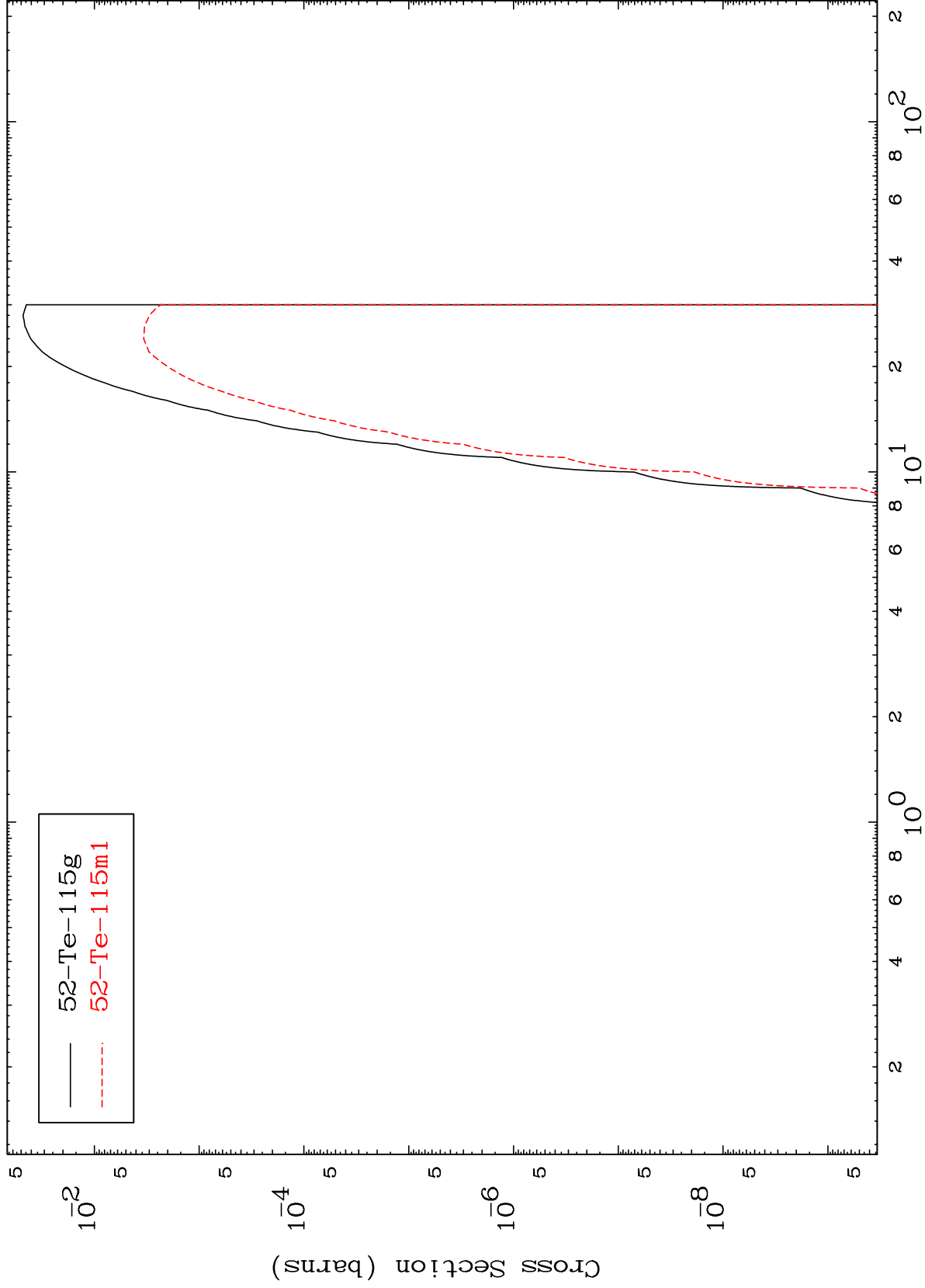
54-Xe-119

MAT 5410

(n,p)  $\alpha$

54-Xe-119

Radionuclide Production Cross Section



18

Incident Energy (MeV)

54-Xe-119