

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

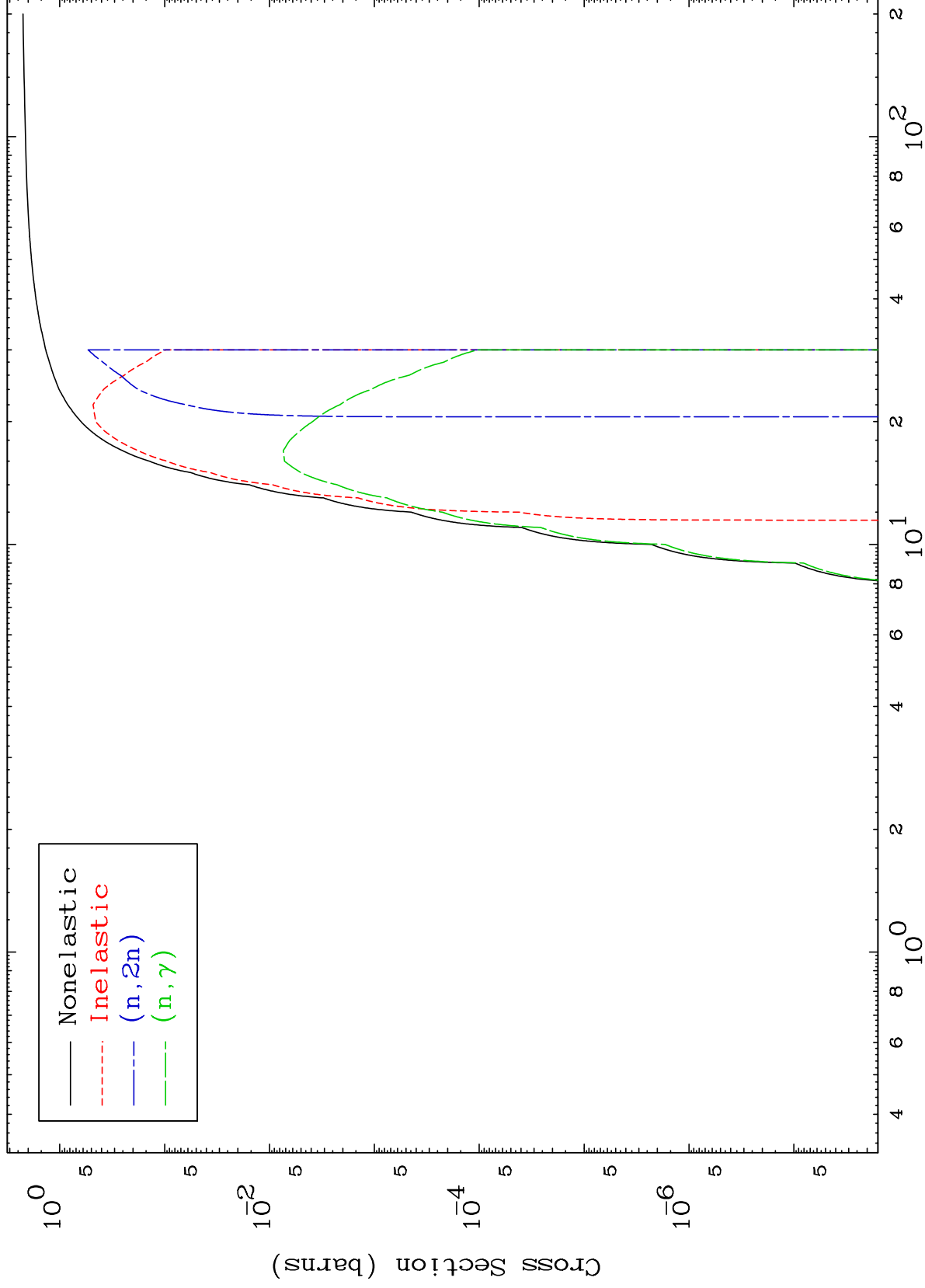
Press Mouse Button to Start

MAT 5501

0 Kelvin

α Major Cross Sections

55-Cs-125



1

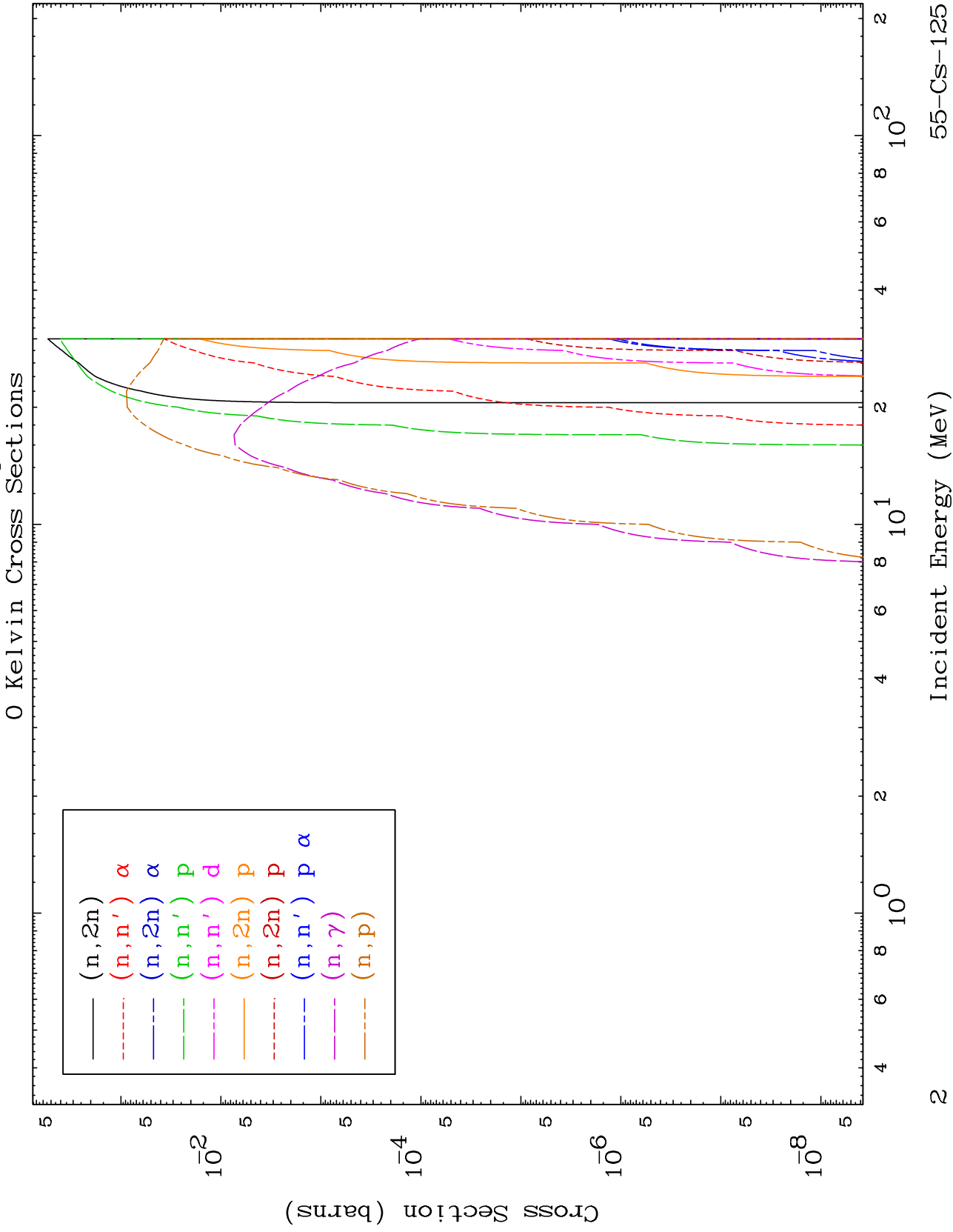
Incident Energy (MeV)

55-Cs-125

MAT 5501

α Neutron Absorption

55-Cs-125

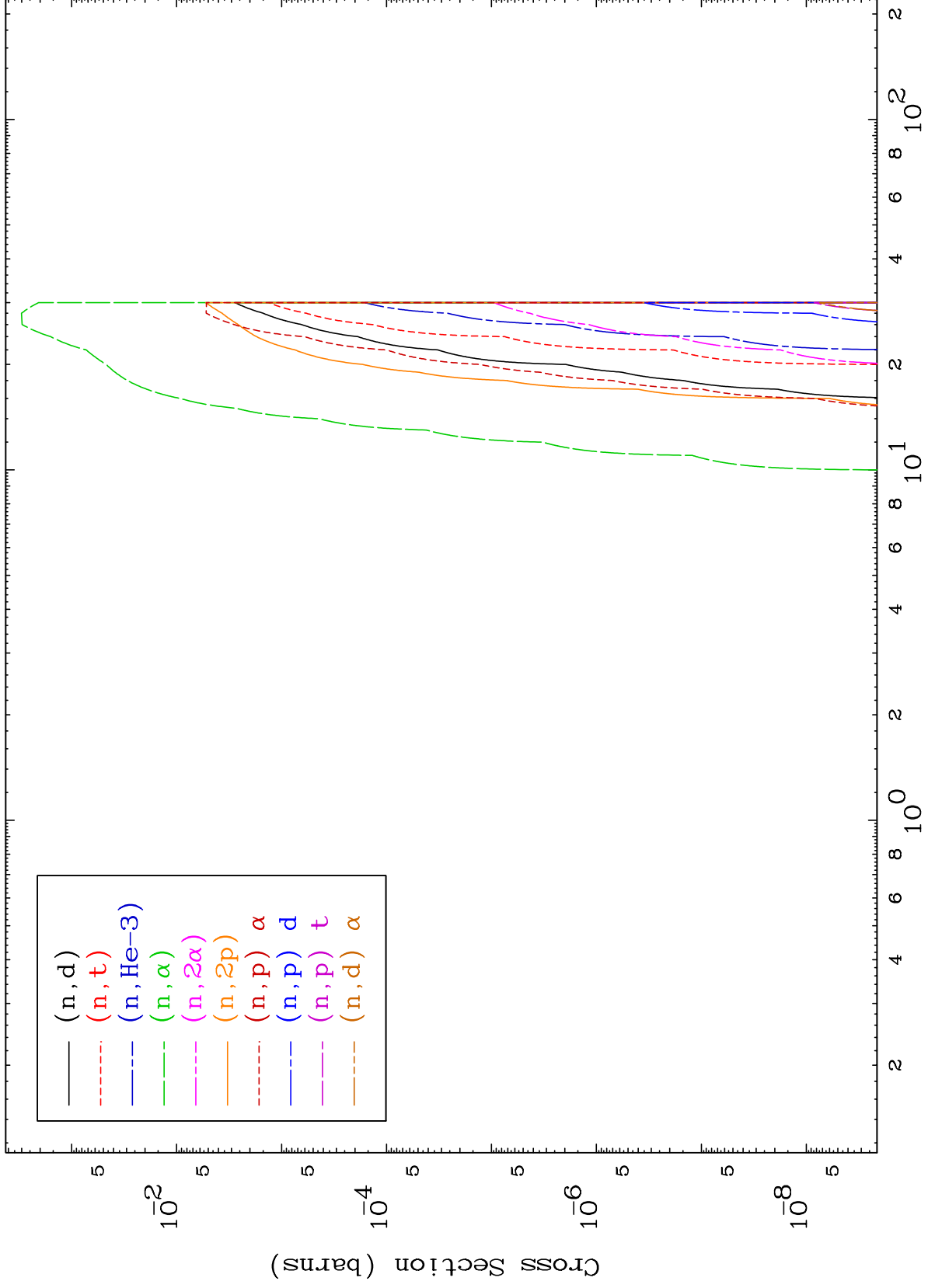


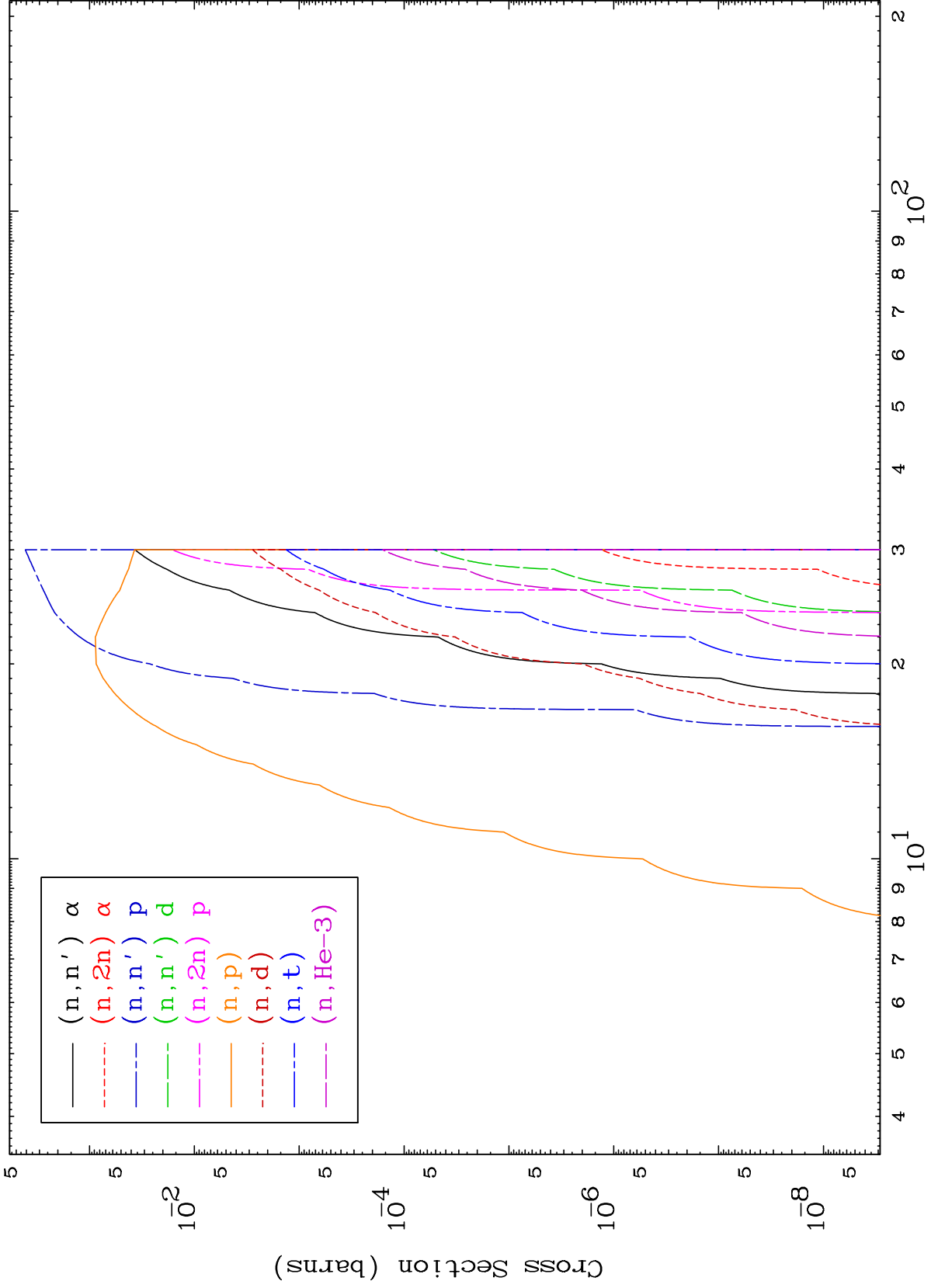
2

MAT 5501

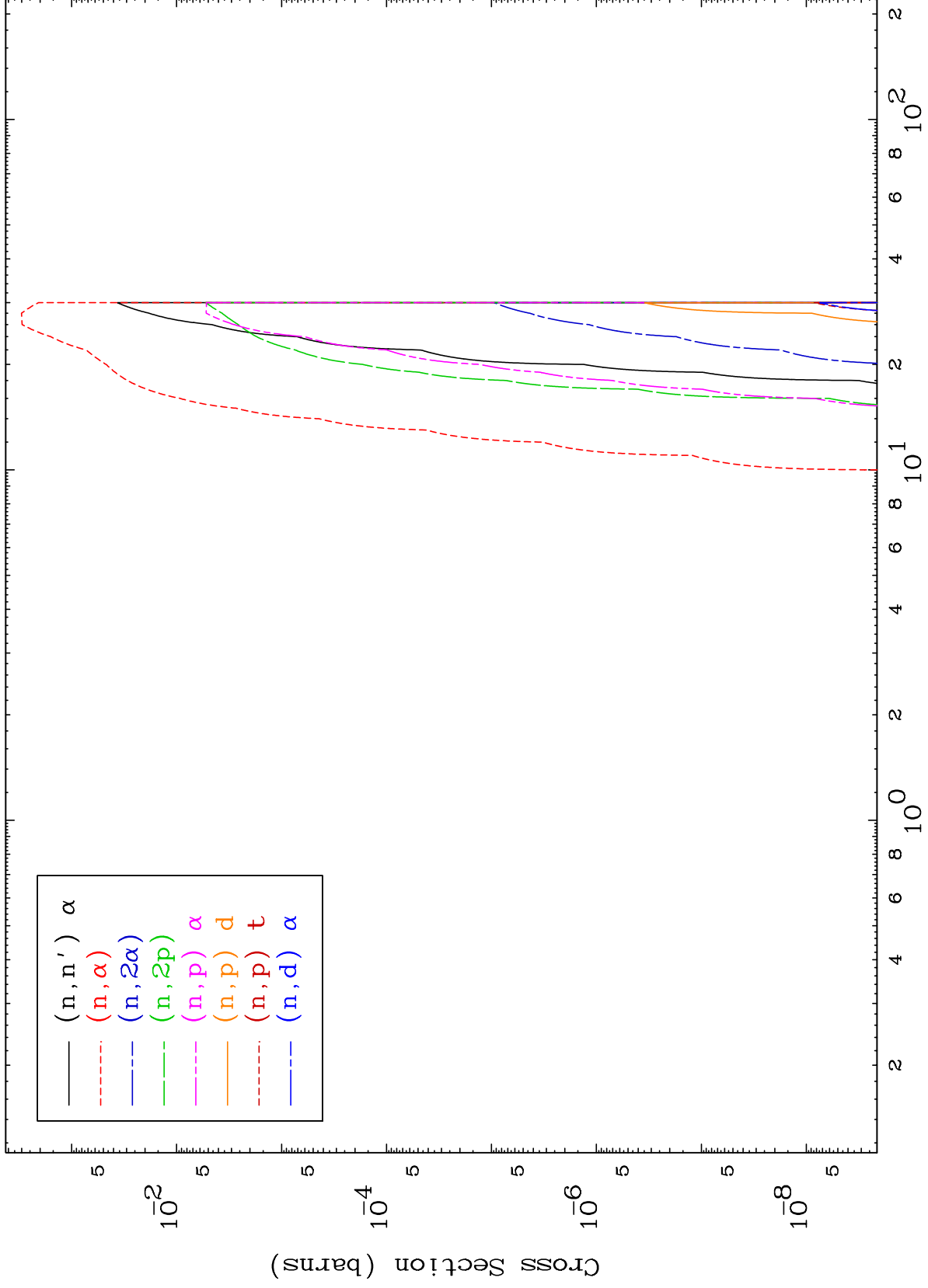
α Neutron Absorption
0 Kelvin Cross Sections

55-Cs-125





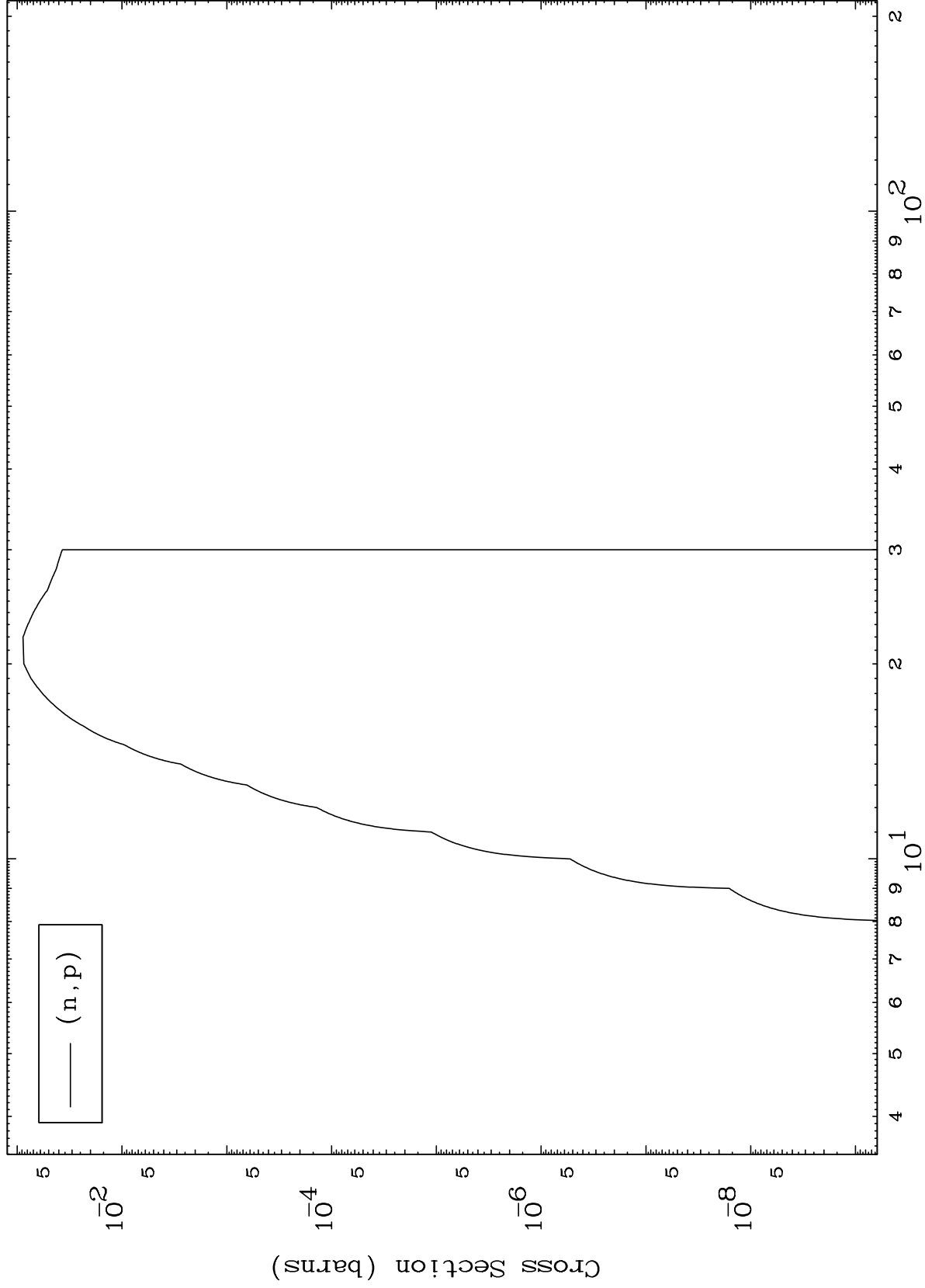
0 Kelvin Cross Sections



MAT 5501

(α, p) Levels
0 Kelvin Cross Sections

55-Cs-125



6

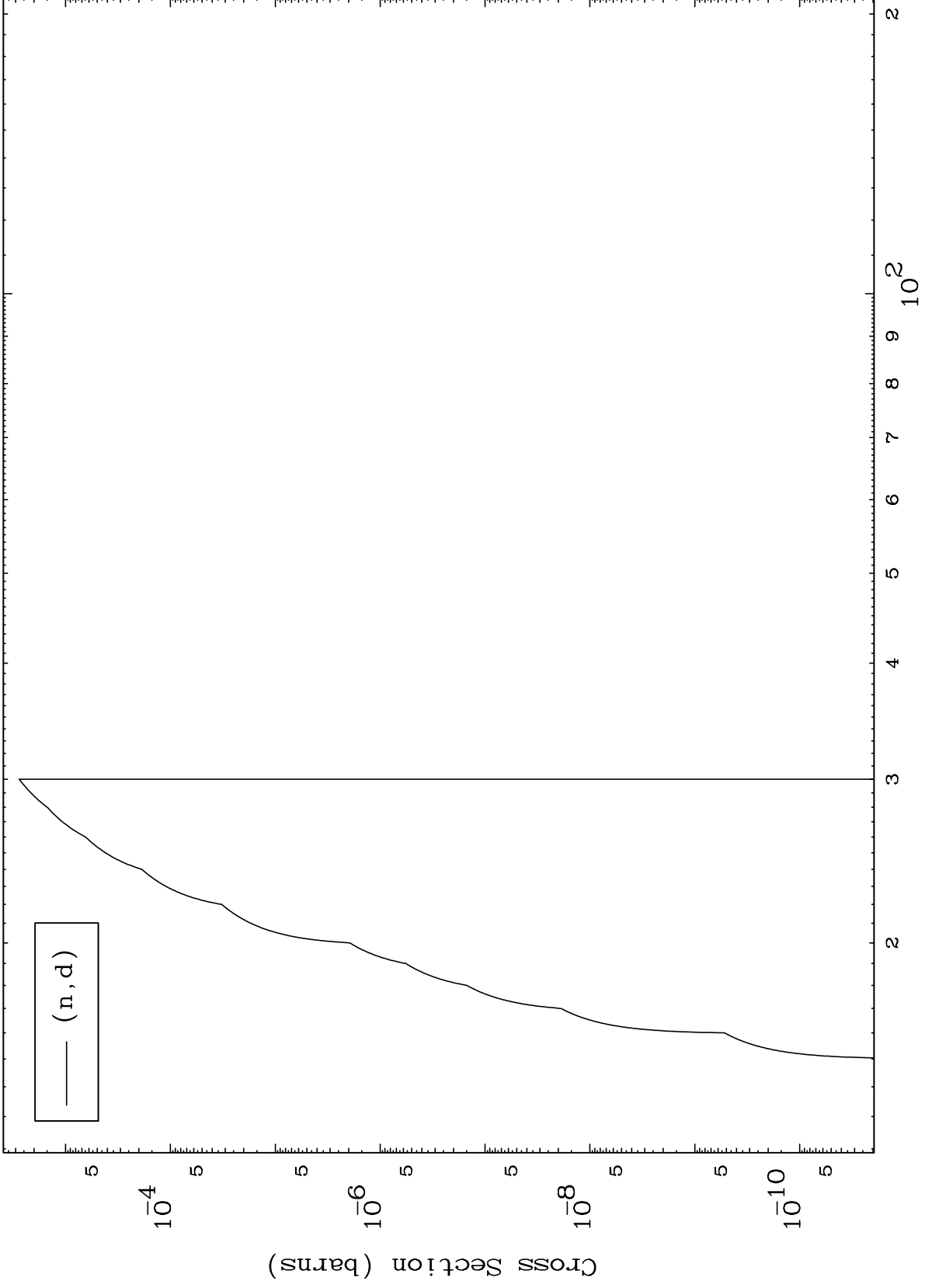
Incident Energy (MeV)

55-Cs-125

MAT 5501

(α, d) Levels
0 Kelvin Cross Sections

55-Cs-125



7

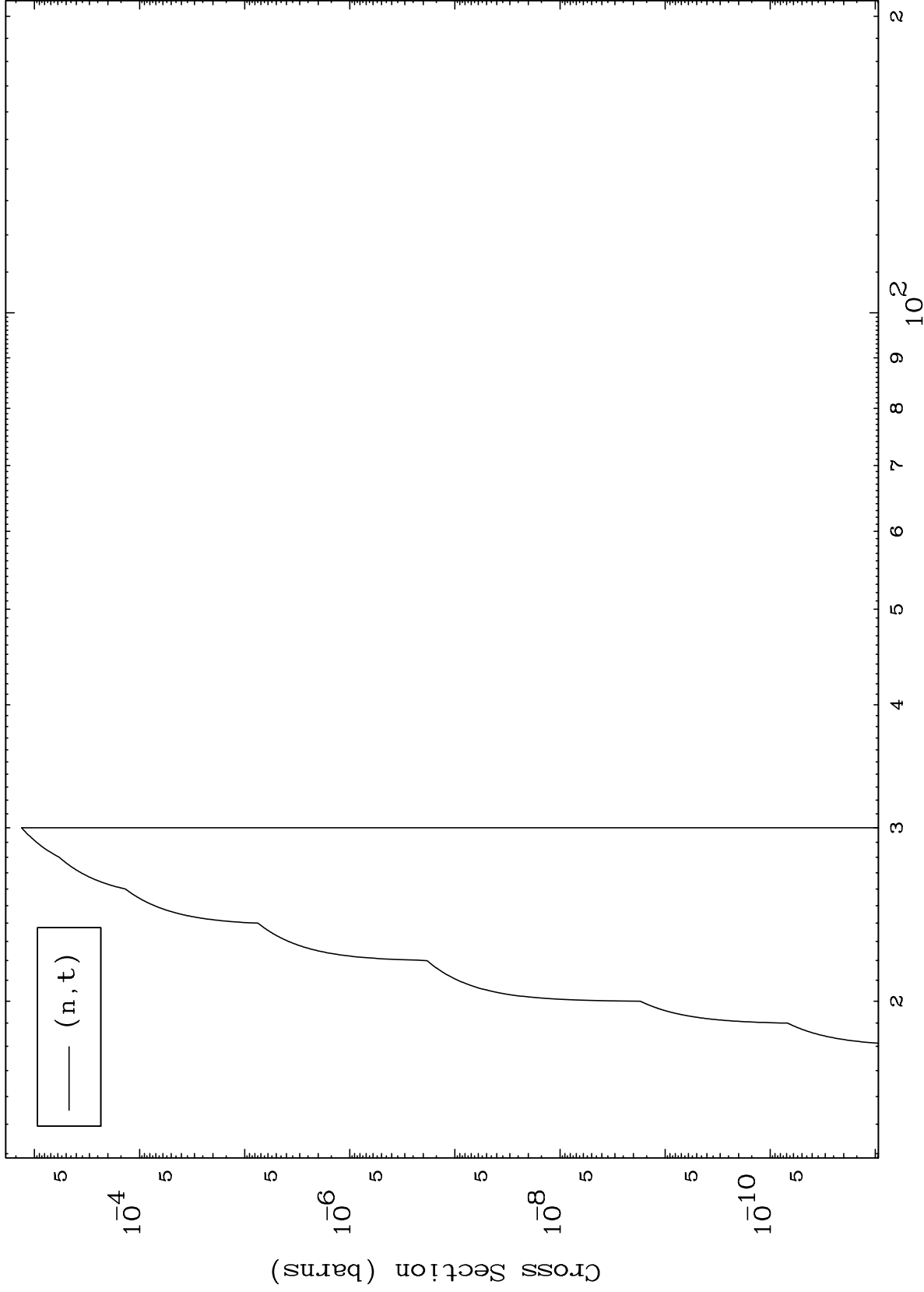
Incident Energy (MeV)

55-Cs-125

MAT 5501

(α, t) Levels
0 Kelvin Cross Sections

55-Cs-125



8

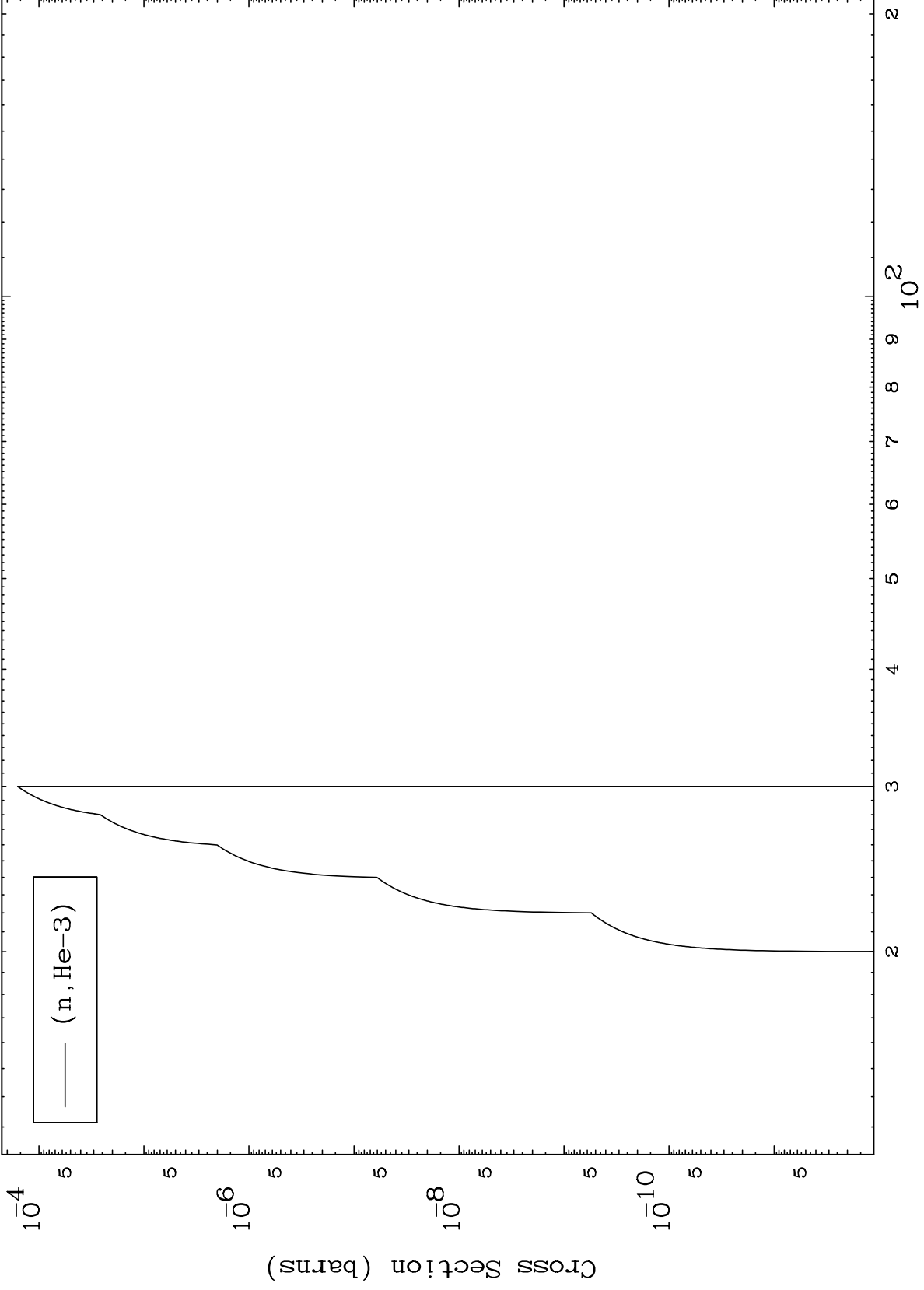
Incident Energy (MeV)

55-Cs-125

MAT 5501

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

55-Cs-125



9

Incident Energy (MeV)

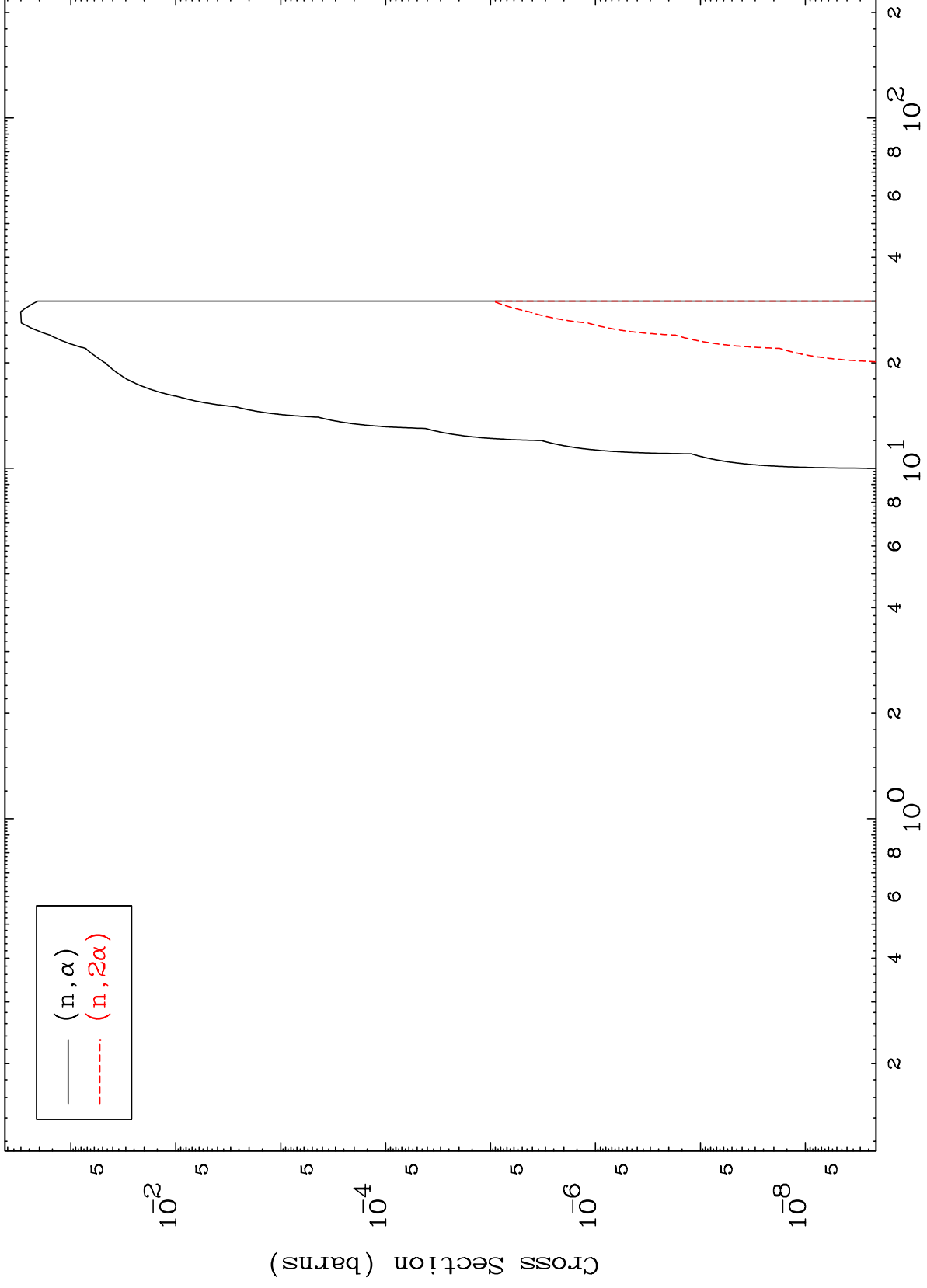
55-Cs-125

MAT 5501

(α, α) Levels

55-Cs-125

0 Kelvin Cross Sections



10

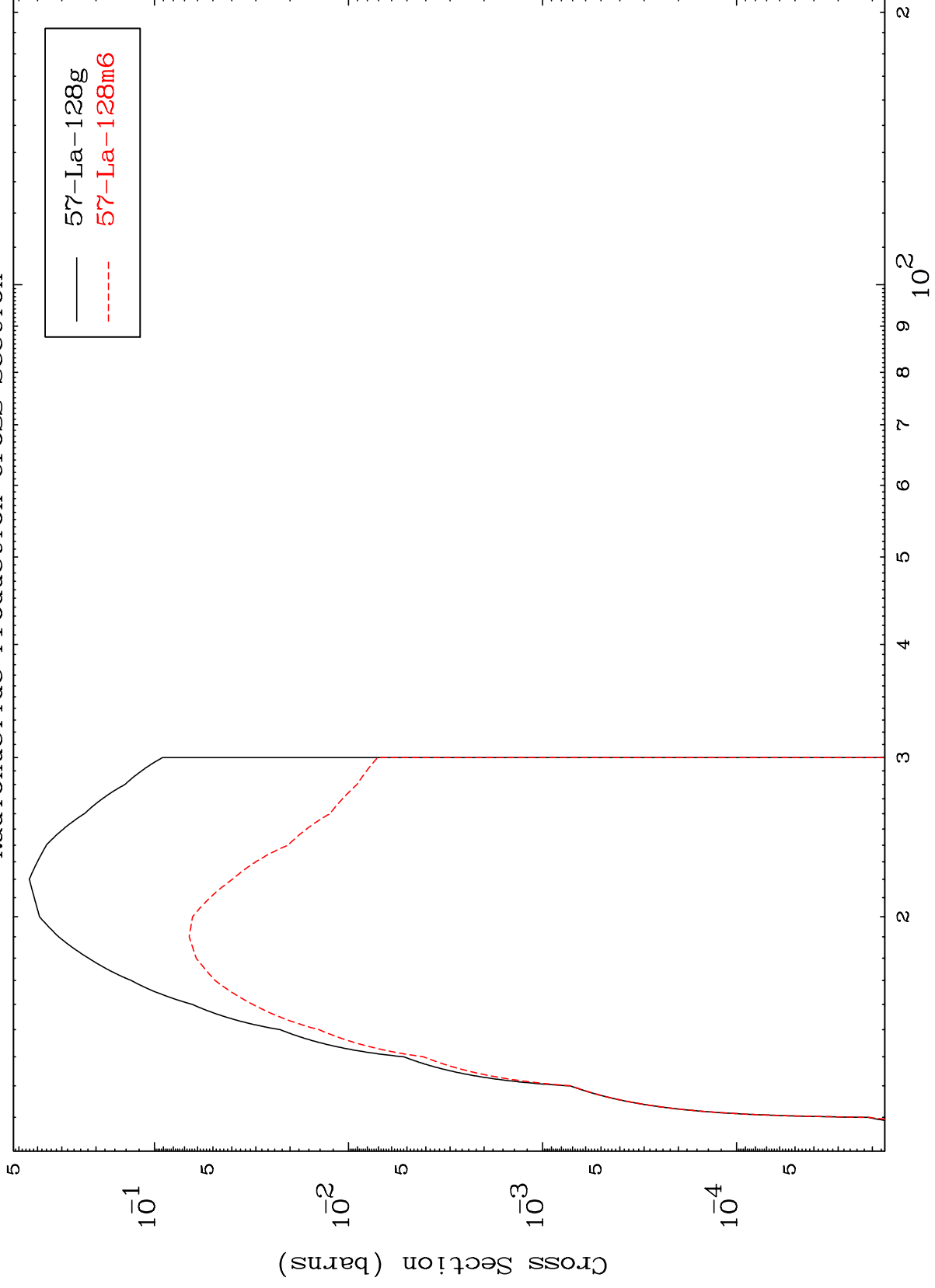
Incident Energy (MeV)

55-Cs-125

MAT 5501

55-Cs-125

Inelastic
Radionuclide Production Cross Section



11

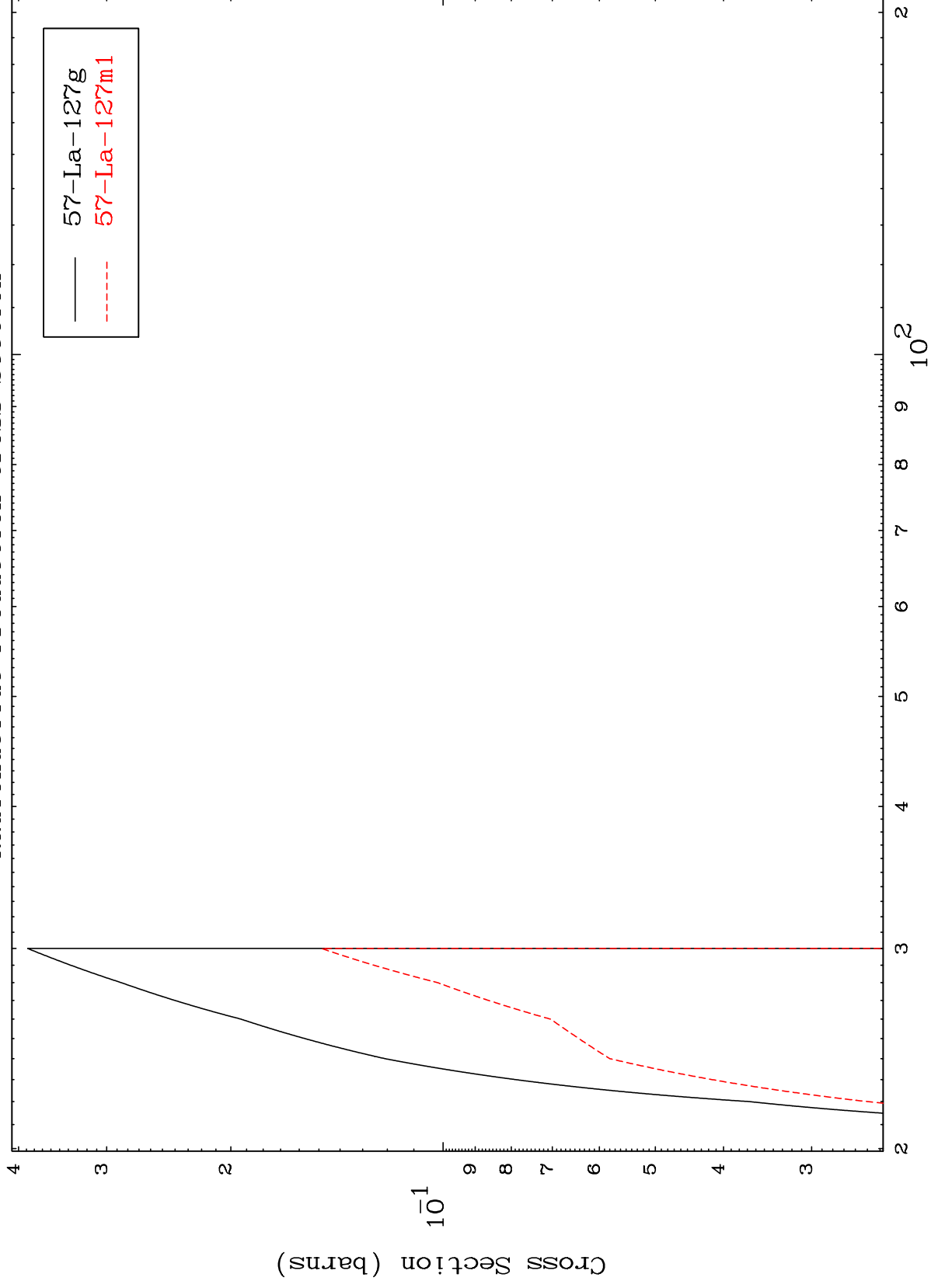
Incident Energy (MeV)

55-Cs-125

MAT 5501

55-Cs-125

(n,2n)
Radionuclide Production Cross Section



55-Cs-125

Incident Energy (MeV)

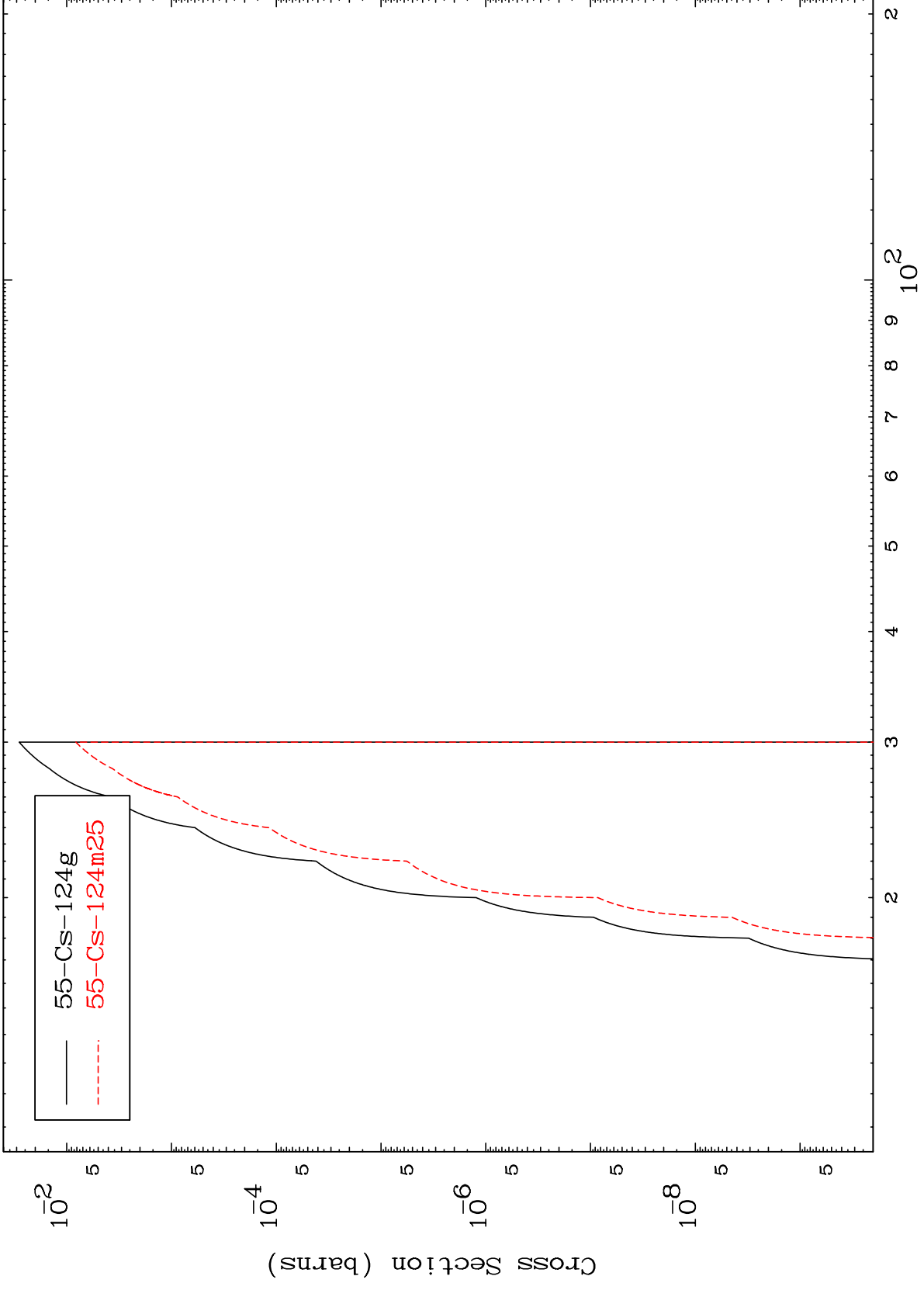
12

MAT 5501

(n,n') α

55-Cs-125

Radionuclide Production Cross Section



13

Incident Energy (MeV)

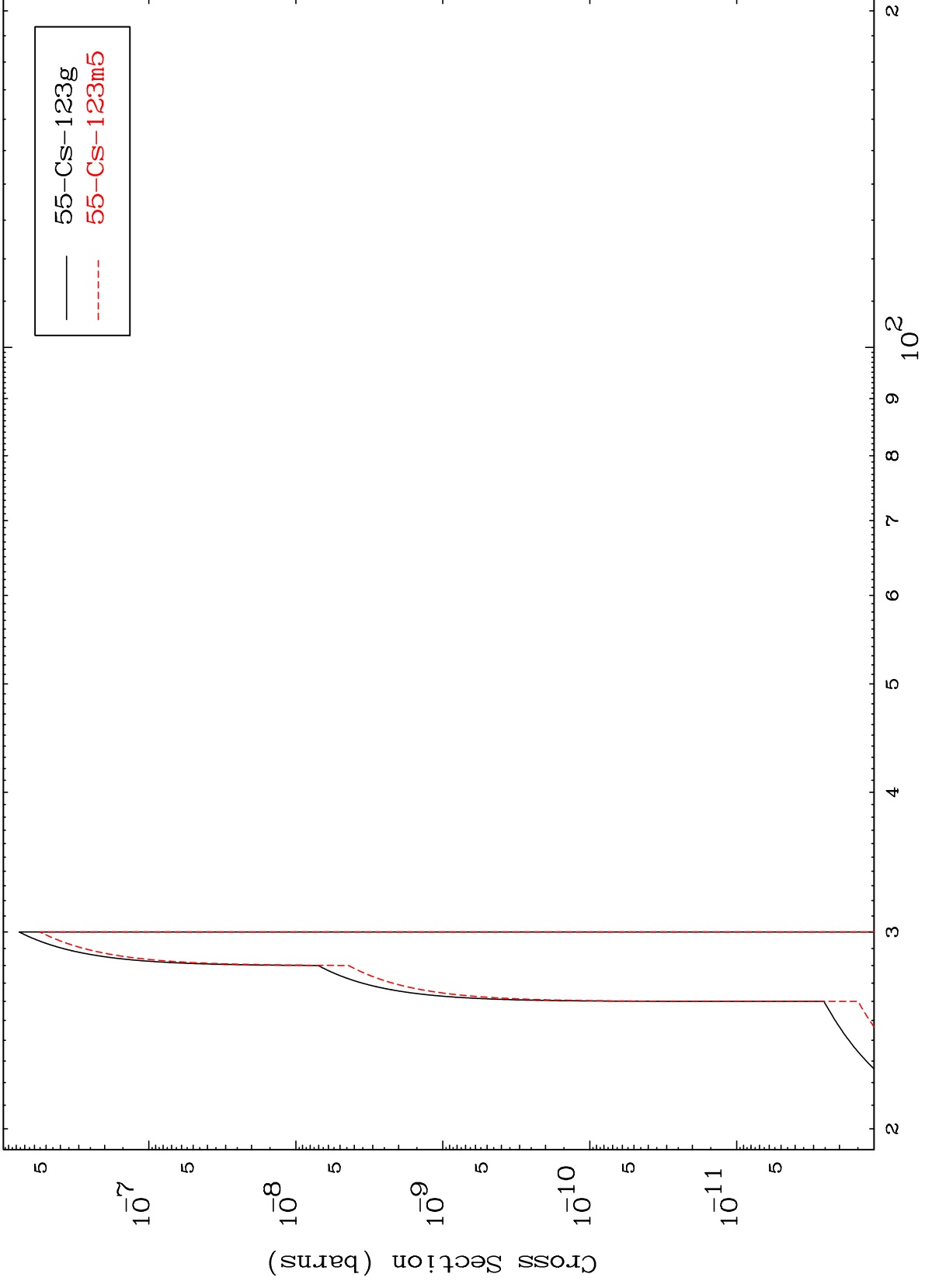
55-Cs-125

MAT 5501

(n,2n) α

55-Cs-125

Radionuclide Production Cross Section



14

Incident Energy (MeV)

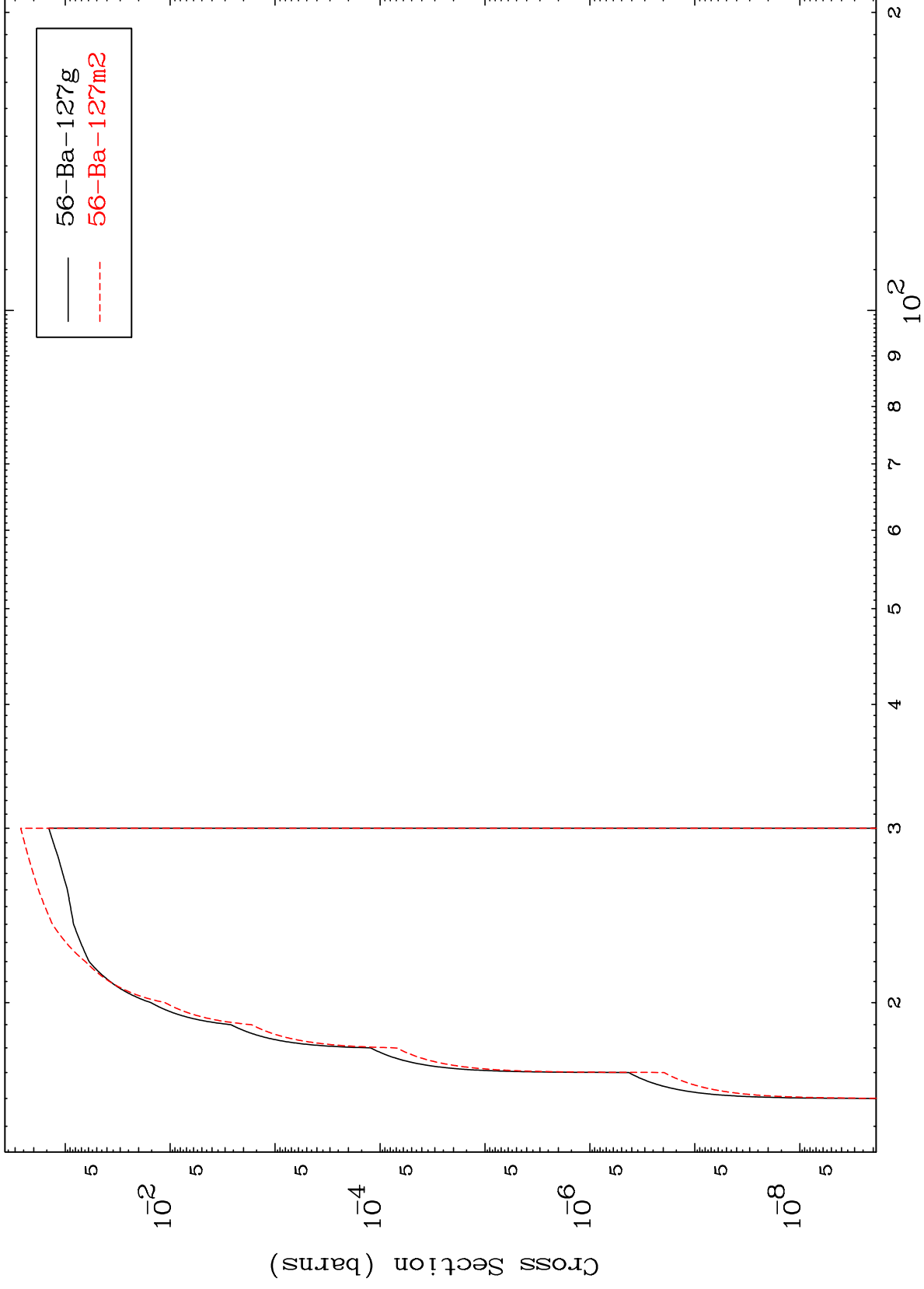
55-Cs-125

MAT 5501

(n,n') p

55-Cs-125

Radionuclide Production Cross Section



15

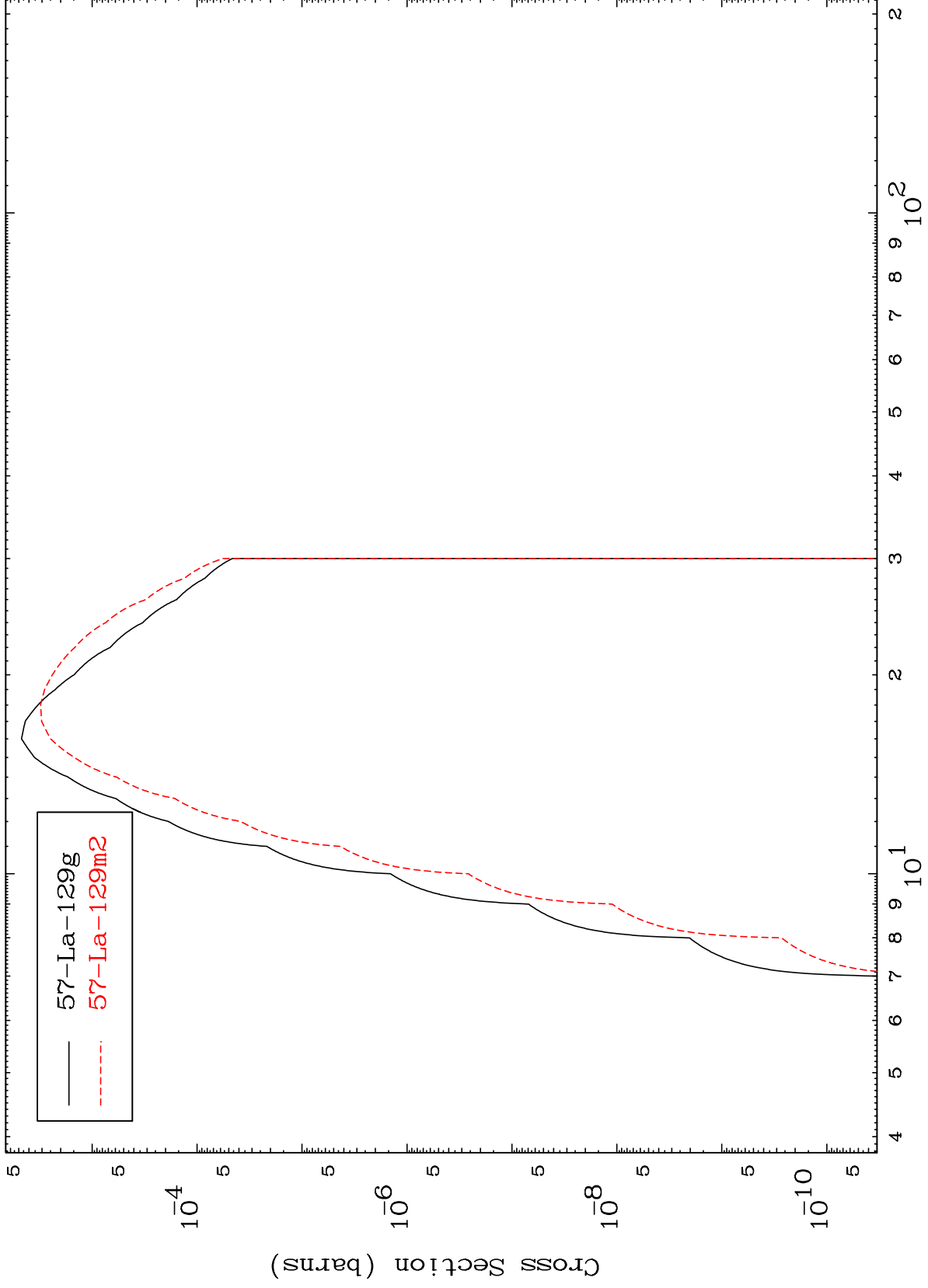
Incident Energy (MeV)

55-Cs-125

MAT 5501

55-Cs-125

(n,γ)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

55-Cs-125

Radionuclide Production Cross Section

