

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

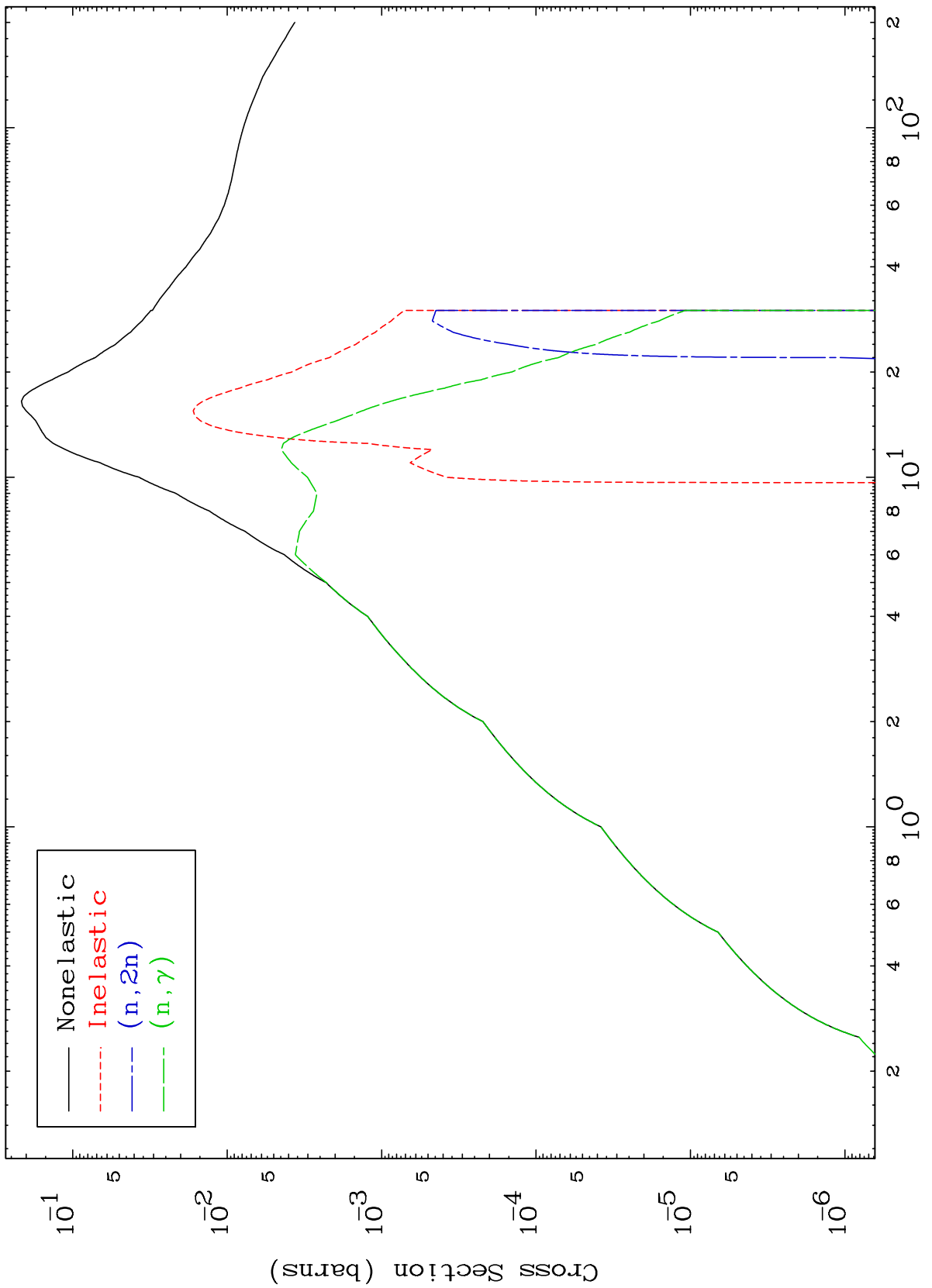
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5486

Photon Major
0 Kelvin Cross Sections

55-Cs-120



1

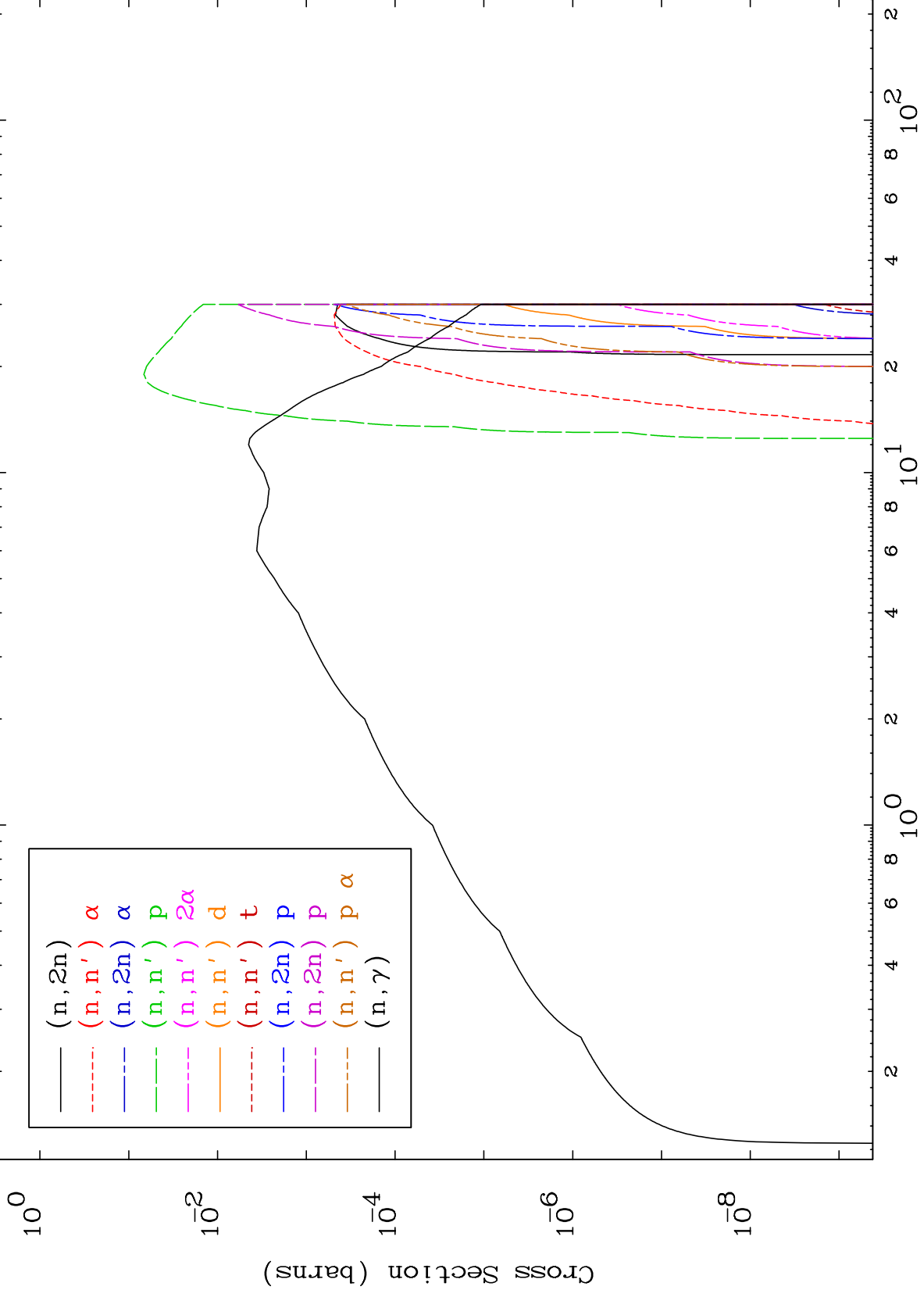
Incident Energy (MeV)

55-Cs-120

MAT 5486

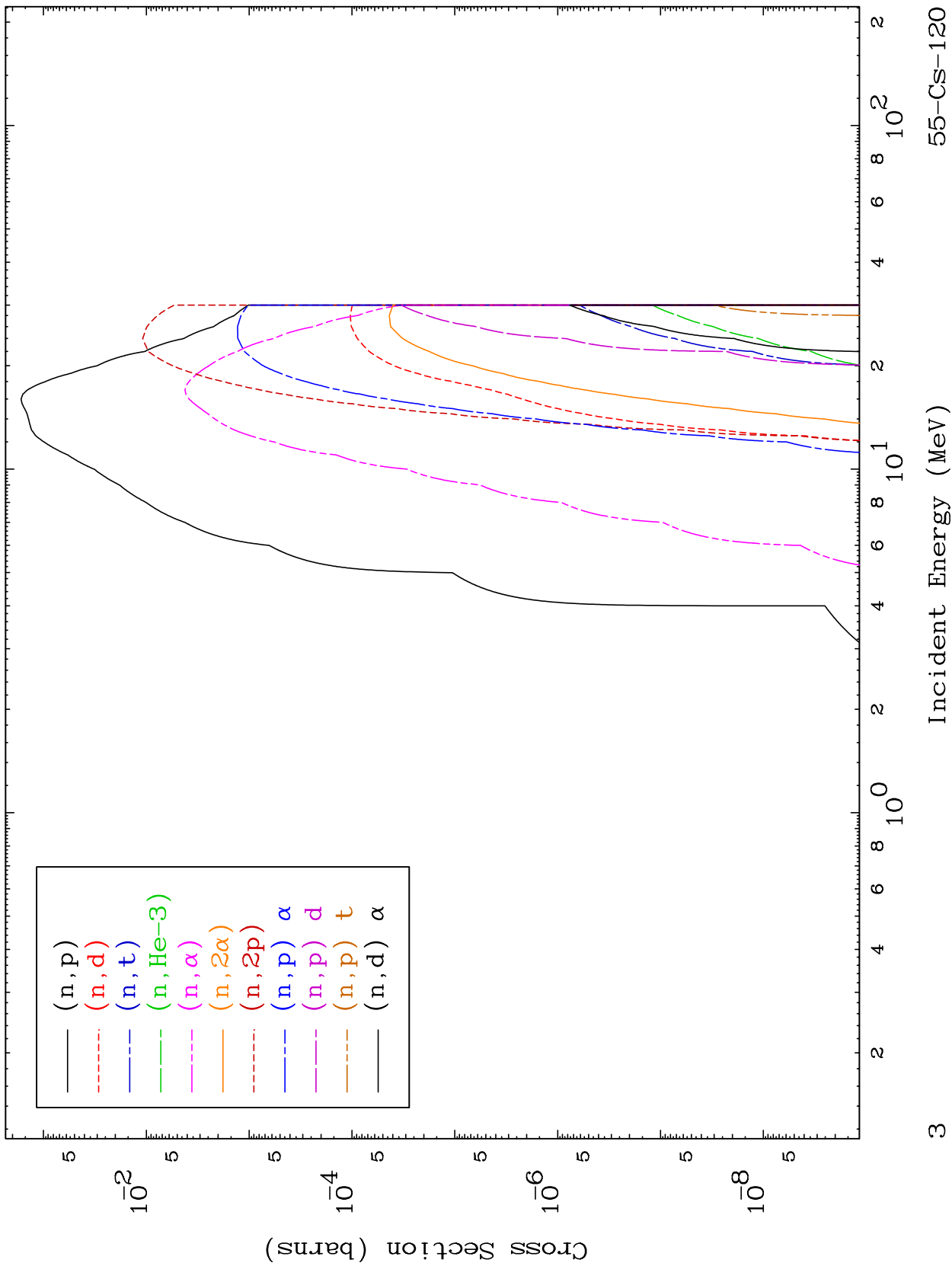
Photon Neutron Absorption
0 Kelvin Cross Sections

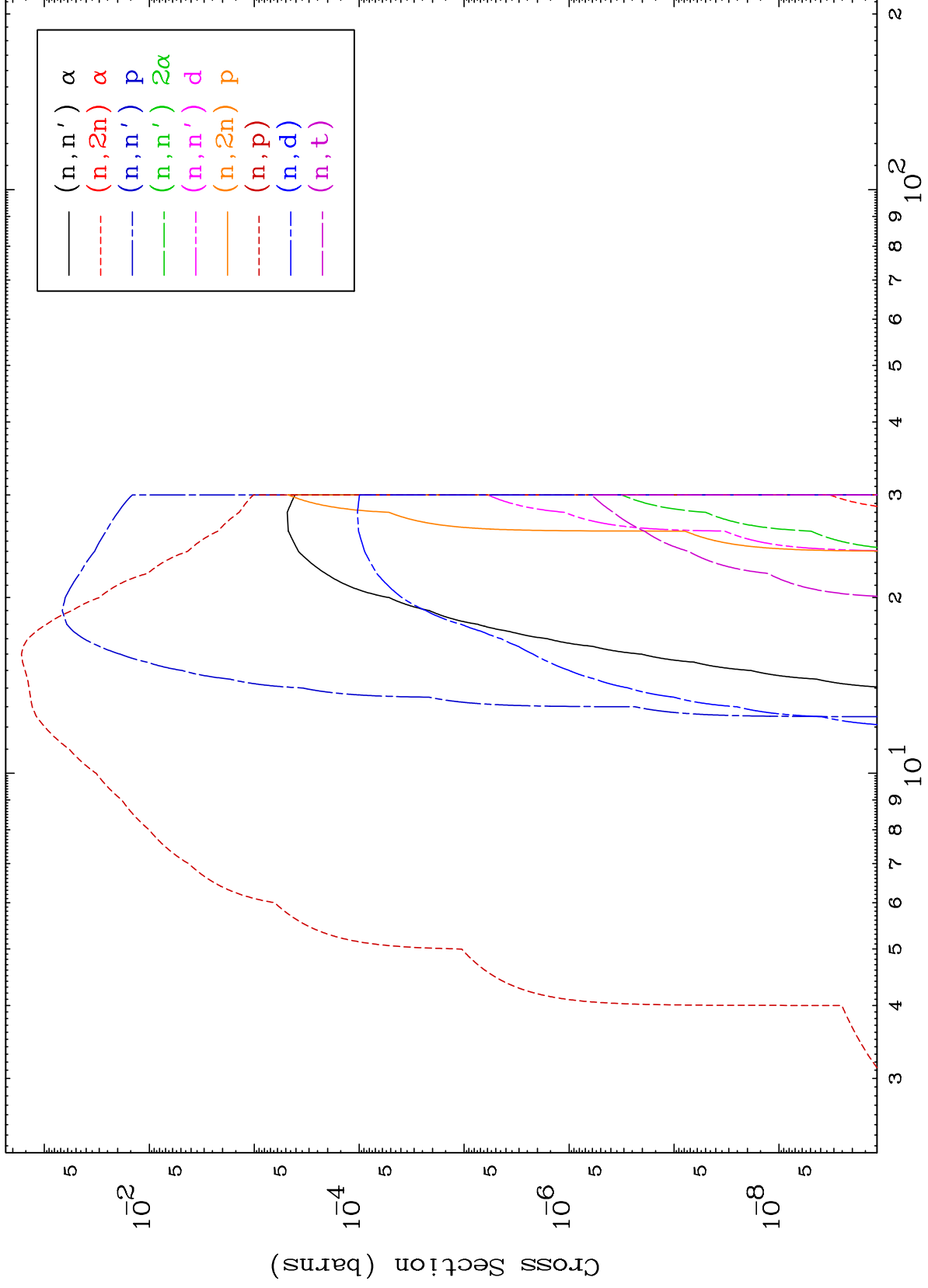
55-Cs-120

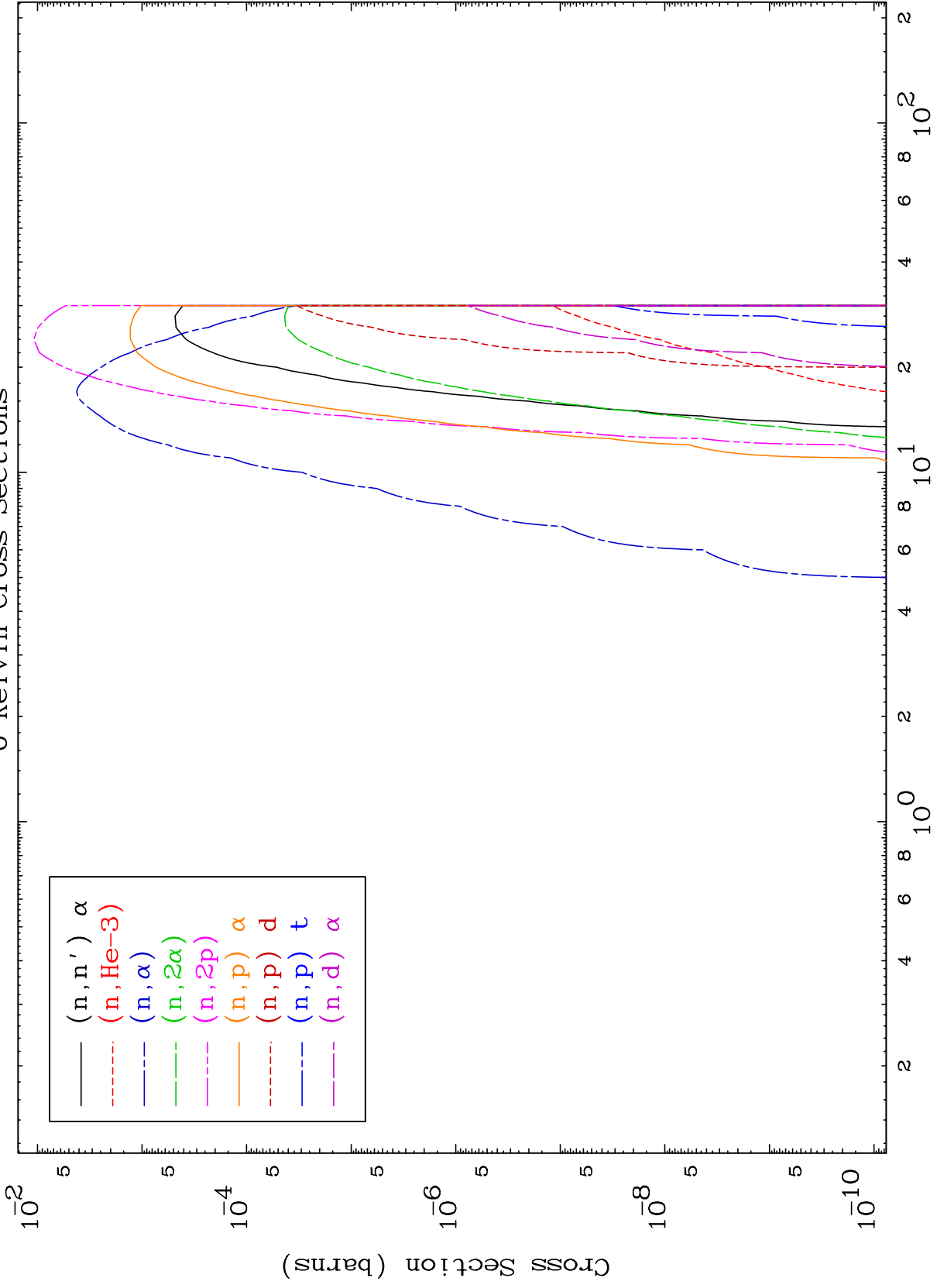


55-Cs-120

Incident Energy (MeV)





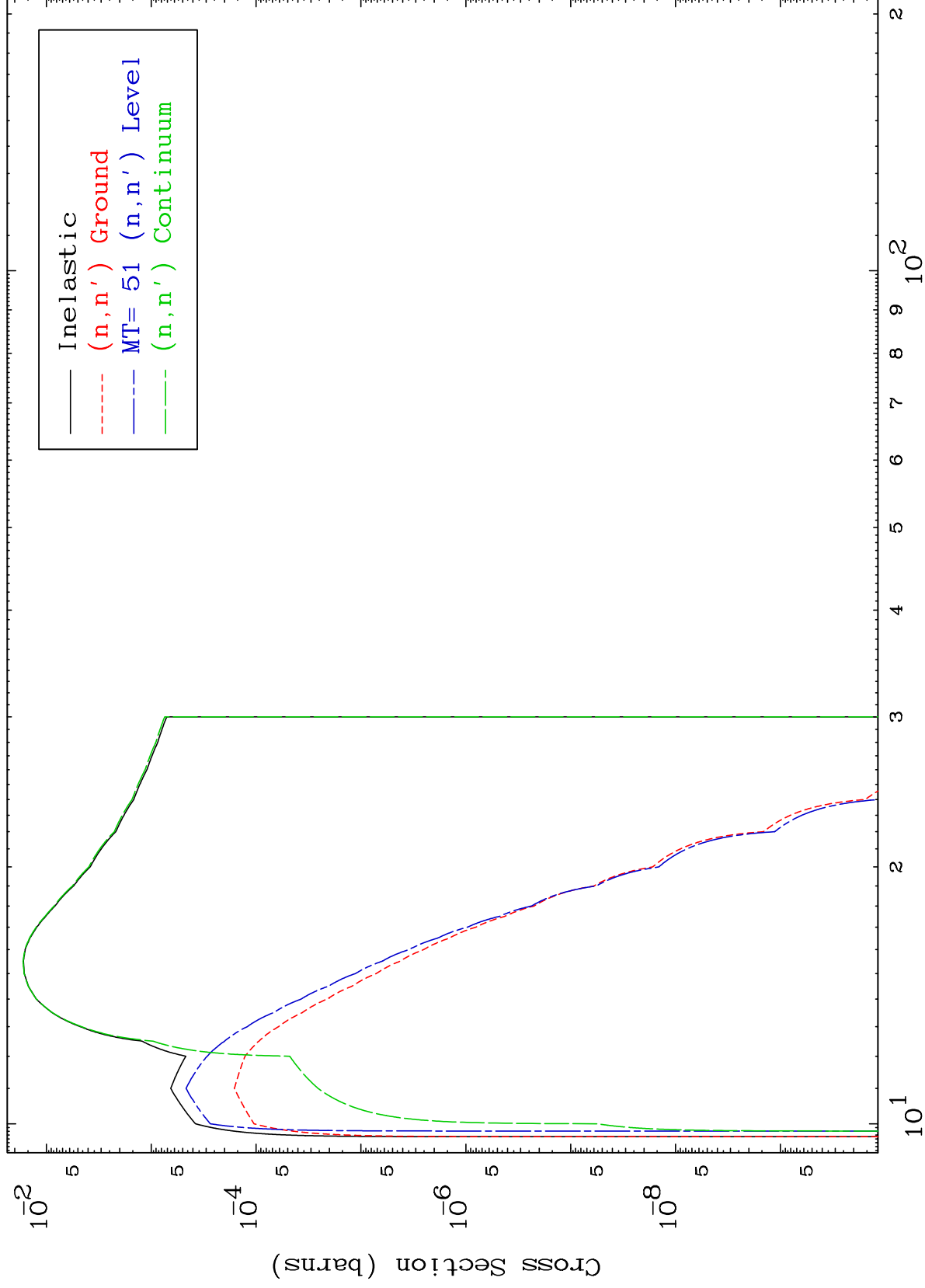


MAT 5486

(γ, n') Levels

55-Cs-120

0 Kelvin Cross Sections



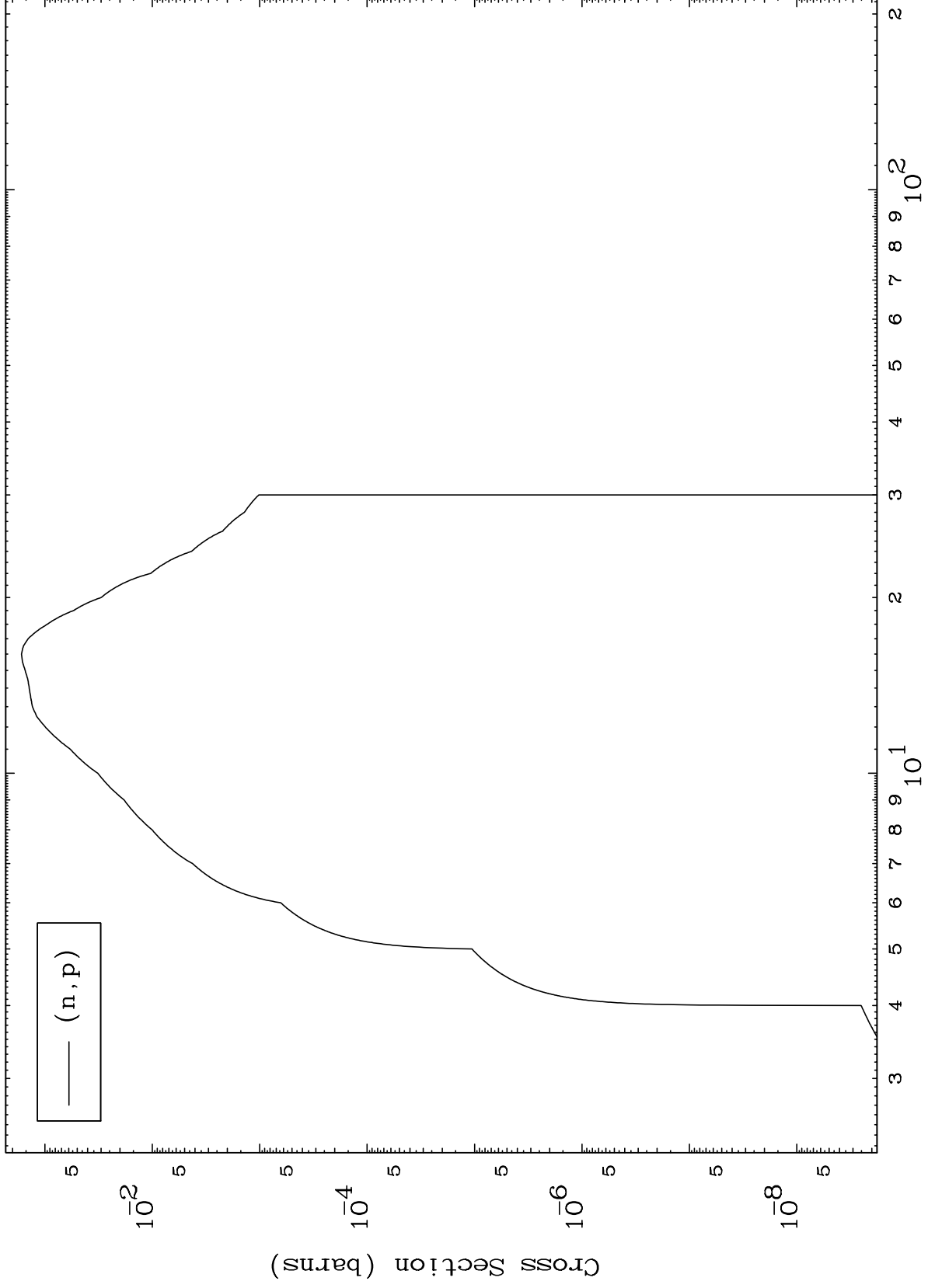
Incident Energy (MeV)

55-Cs-120

MAT 5486

(γ, p) Levels
0 Kelvin Cross Sections

55-Cs-120



7

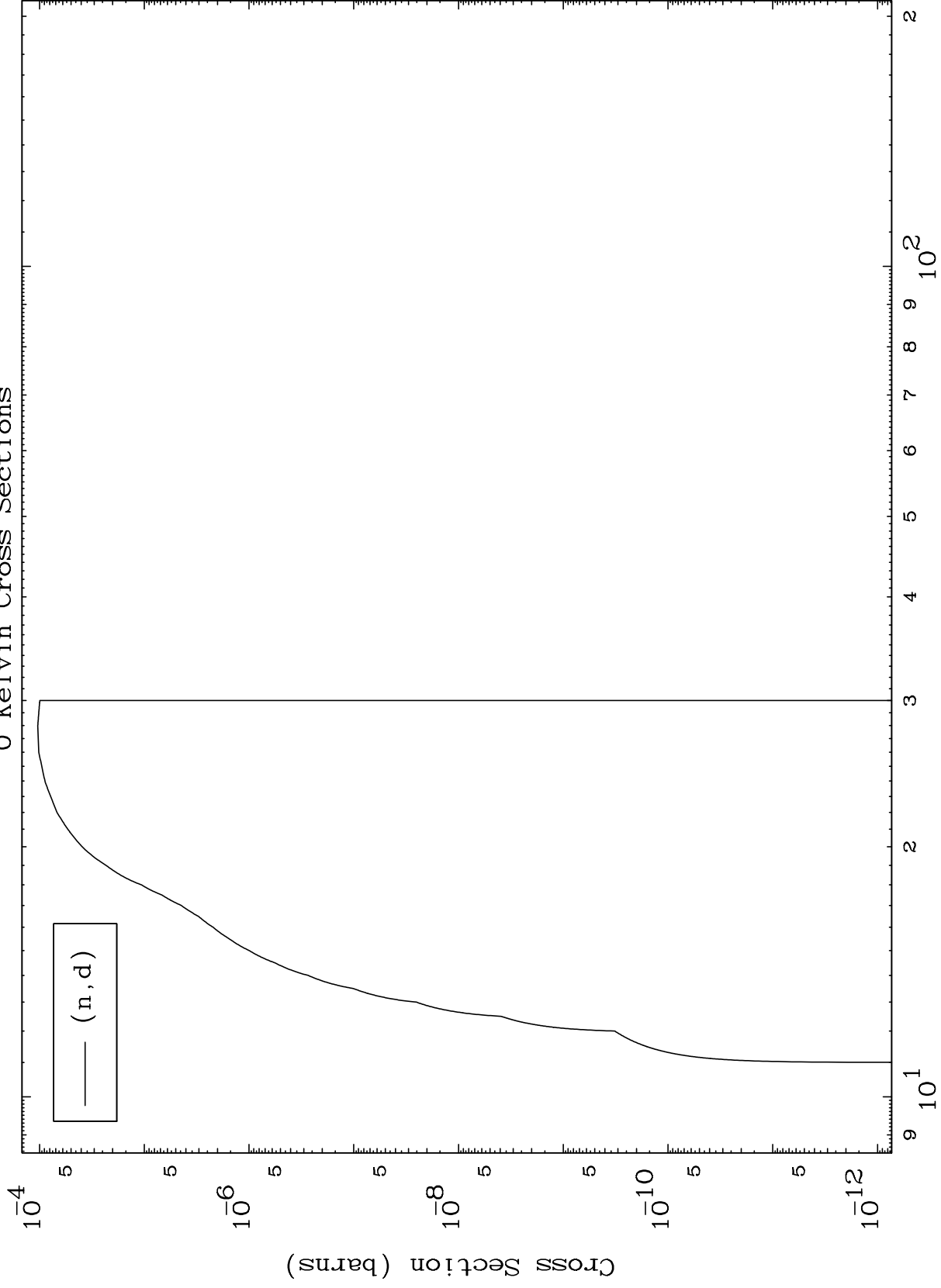
Incident Energy (MeV)

55-Cs-120

MAT 5486

(γ, d) Levels
0 Kelvin Cross Sections

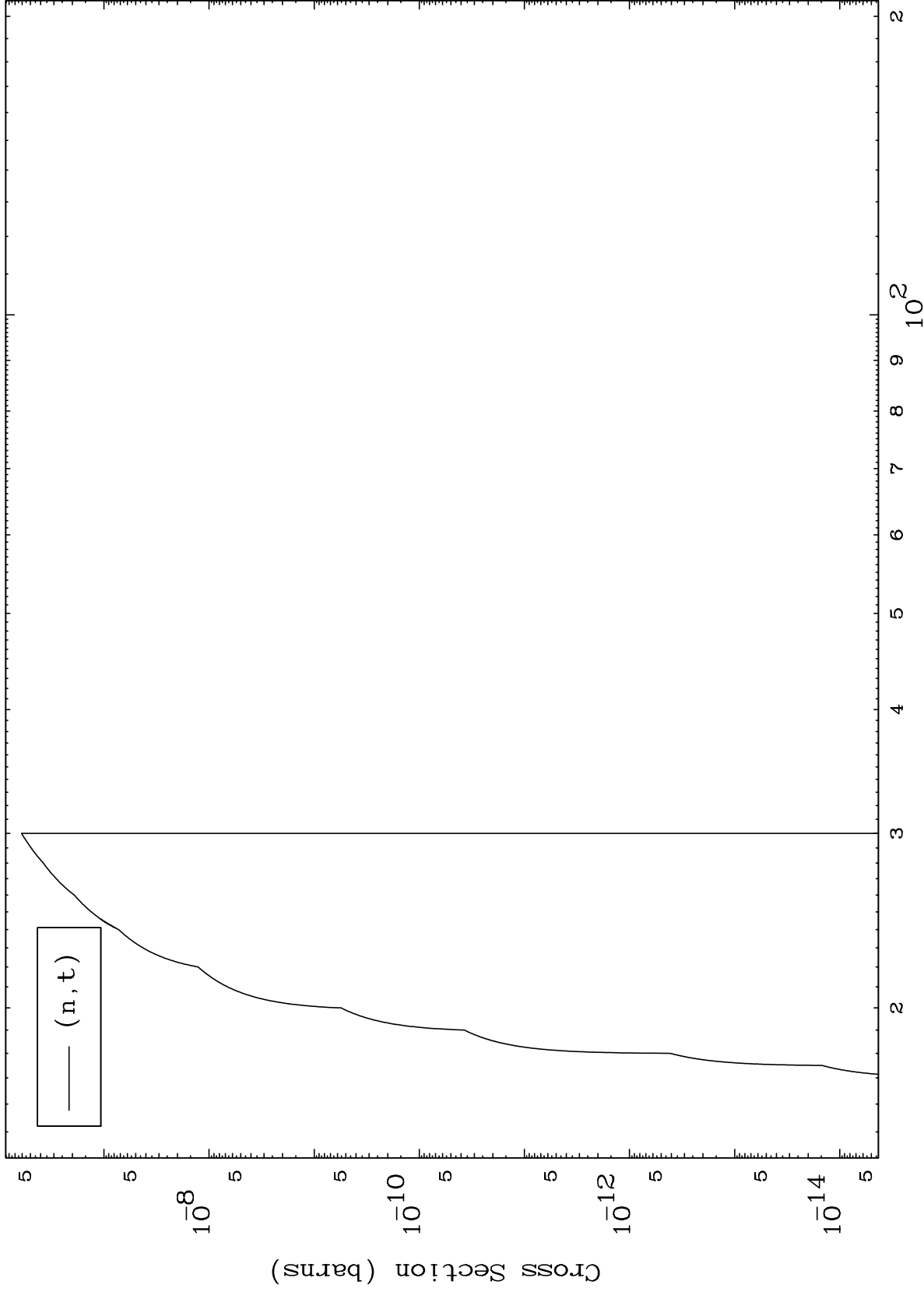
55-Cs-120



Incident Energy (MeV)

55-Cs-120

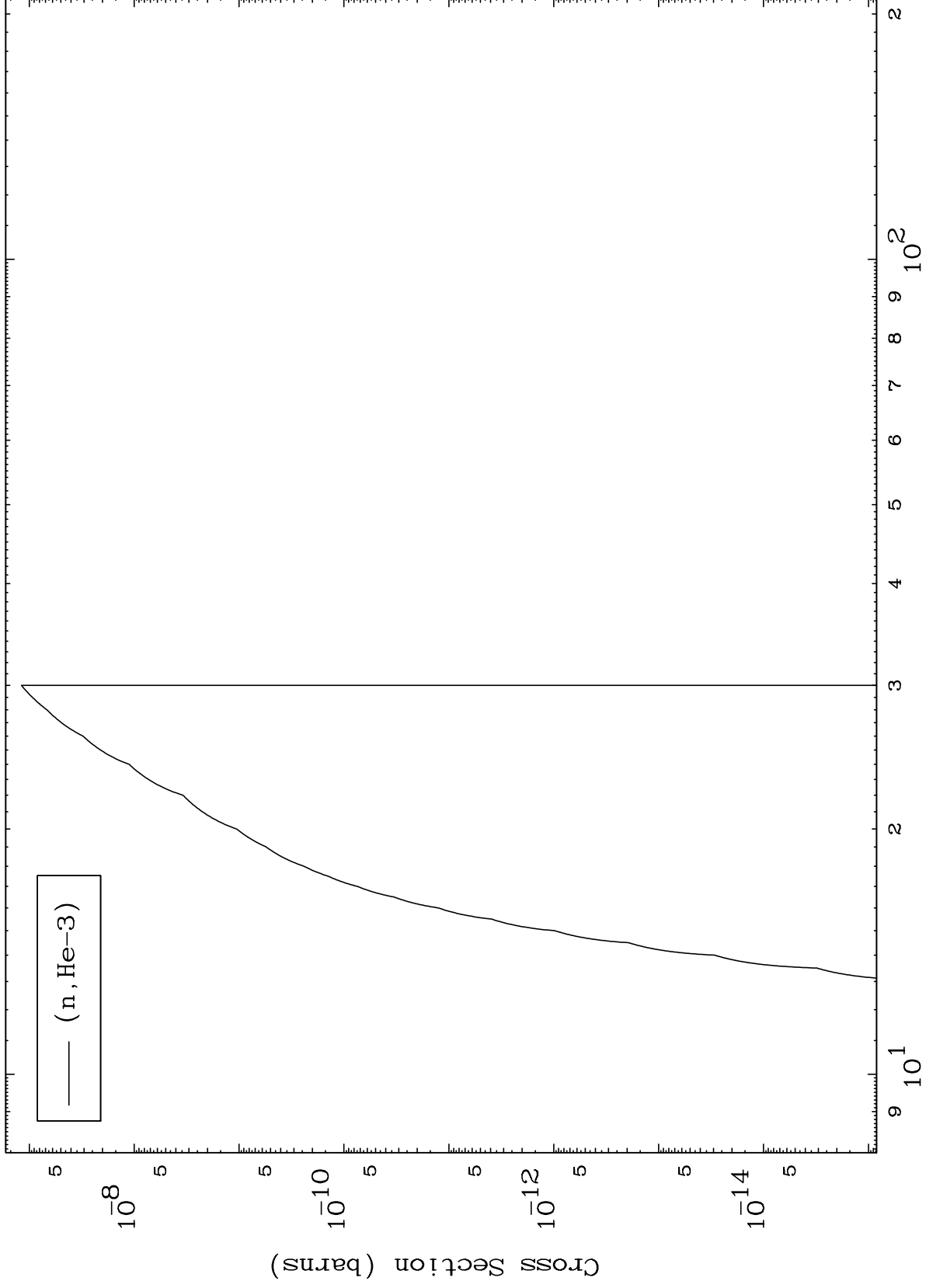
8



MAT 5486

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

55-Cs-120



10

Incident Energy (MeV)

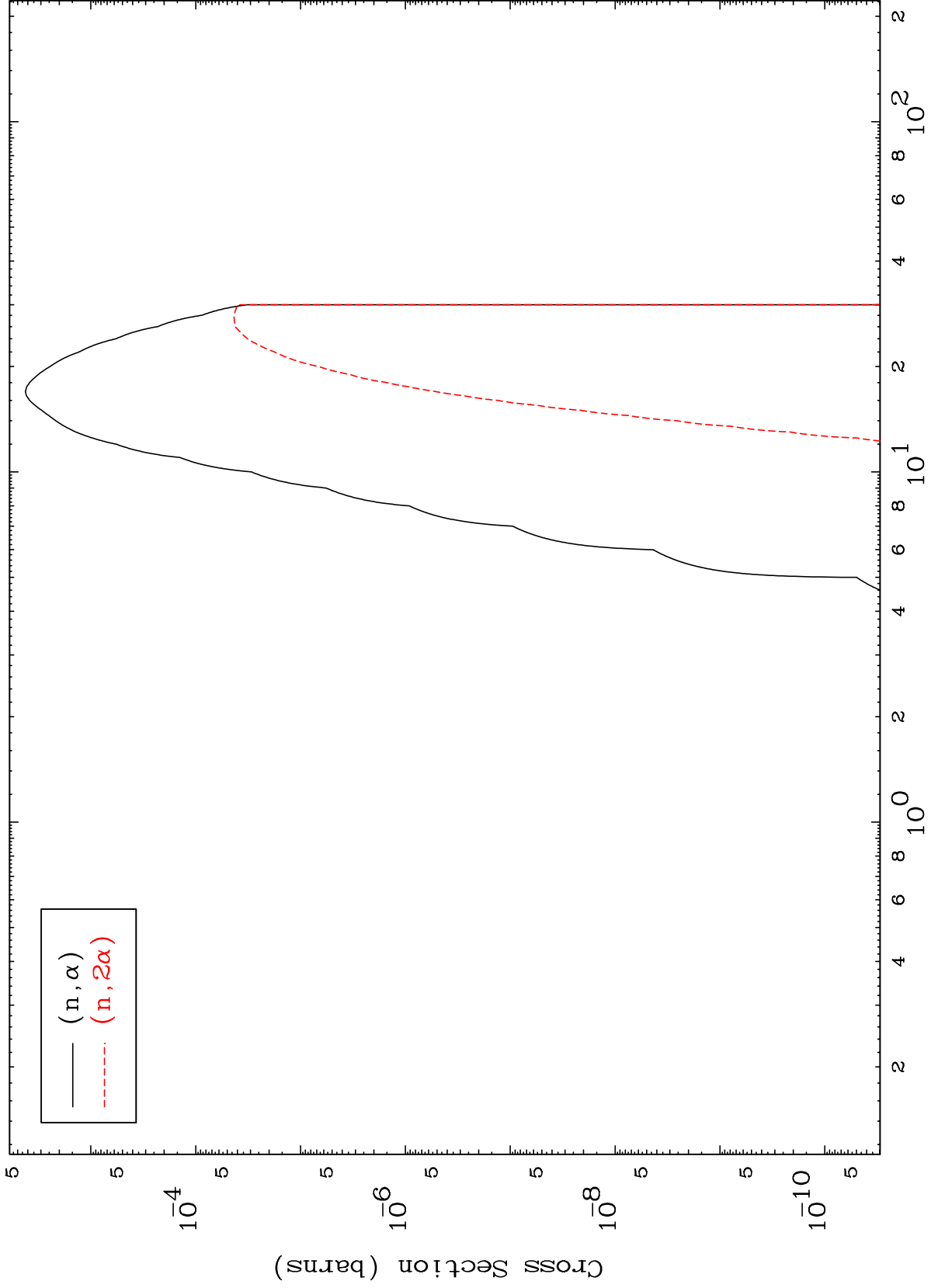
55-Cs-120

MAT 5486

(γ, α) Levels

55-Cs-120

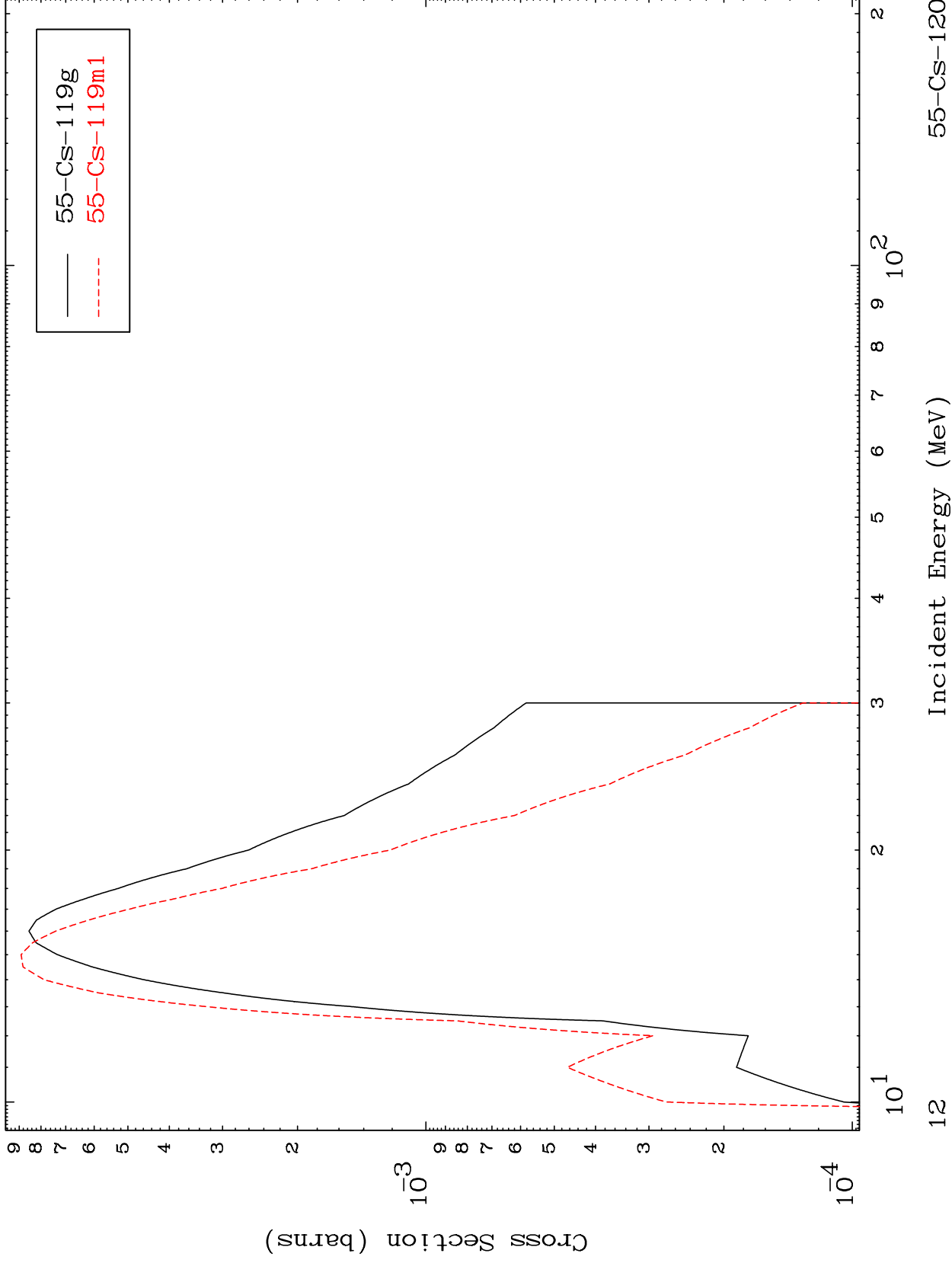
0 Kelvin Cross Sections



MAT 5486

55-Cs-120

Inelastic
Radionuclide Production Cross Section



55-Cs-120

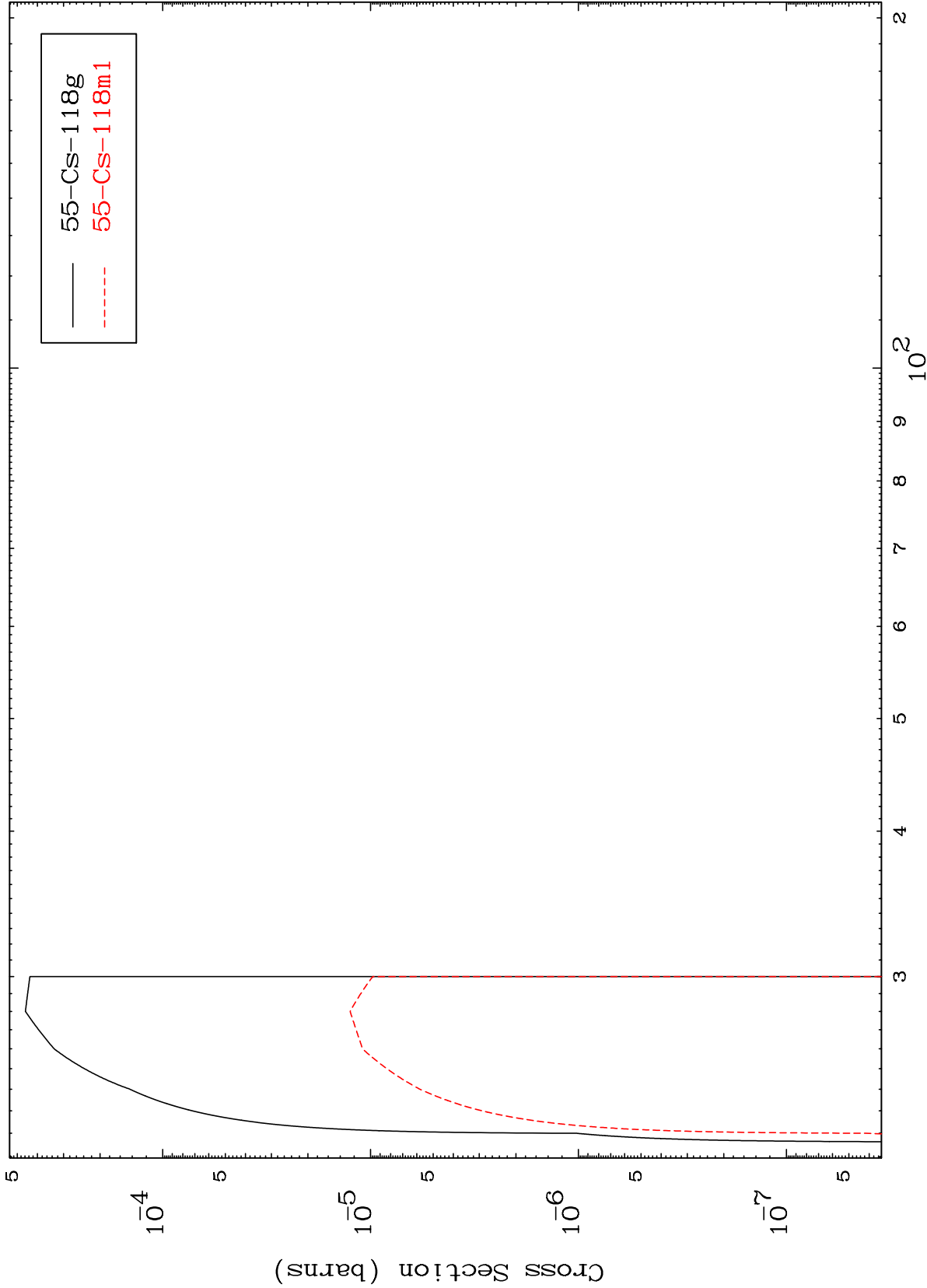
Incident Energy (MeV)

MAT 5486

(n,2n)

55-Cs-120

Radionuclide Production Cross Section

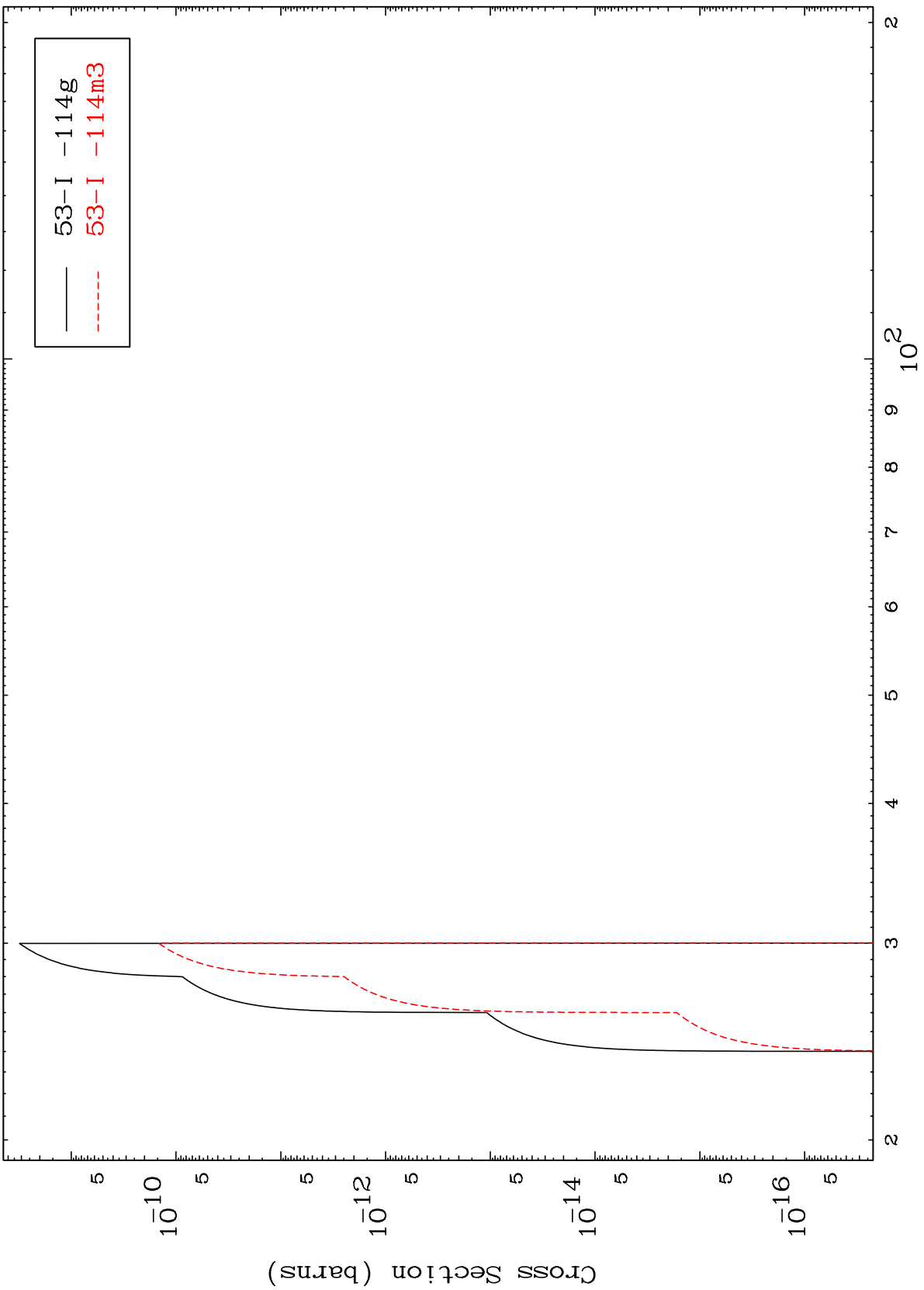


MAT 5486

$(n,2n) \alpha$

55-Cs-120

Radionuclide Production Cross Section



14

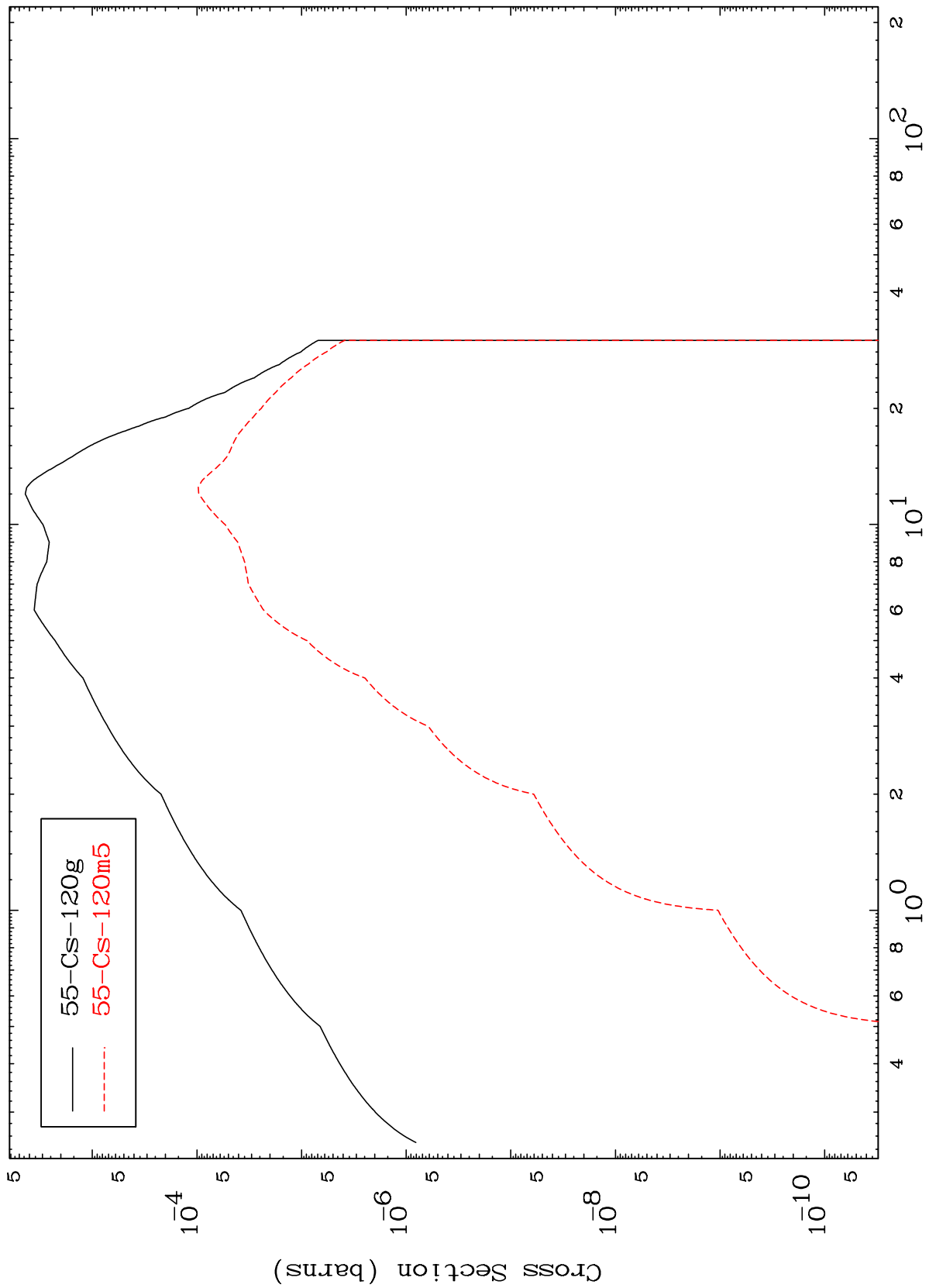
Incident Energy (MeV)

55-Cs-120

MAT 5486

55-Cs-120

(n, γ)
Radionuclide Production Cross Section



15

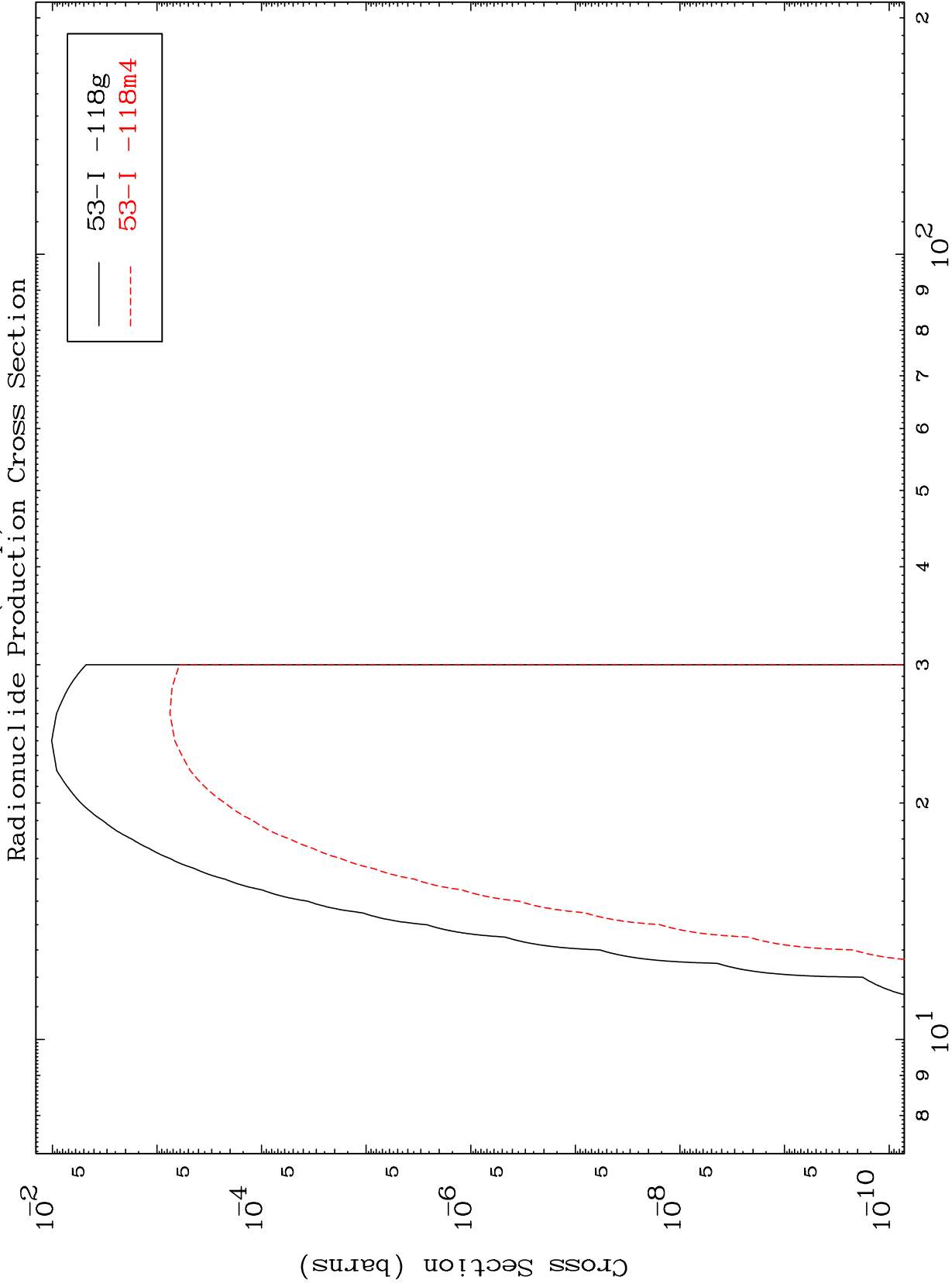
Incident Energy (MeV)

55-Cs-120

MAT 5486

(n,2p)

55-Cs-120



16

Incident Energy (MeV)

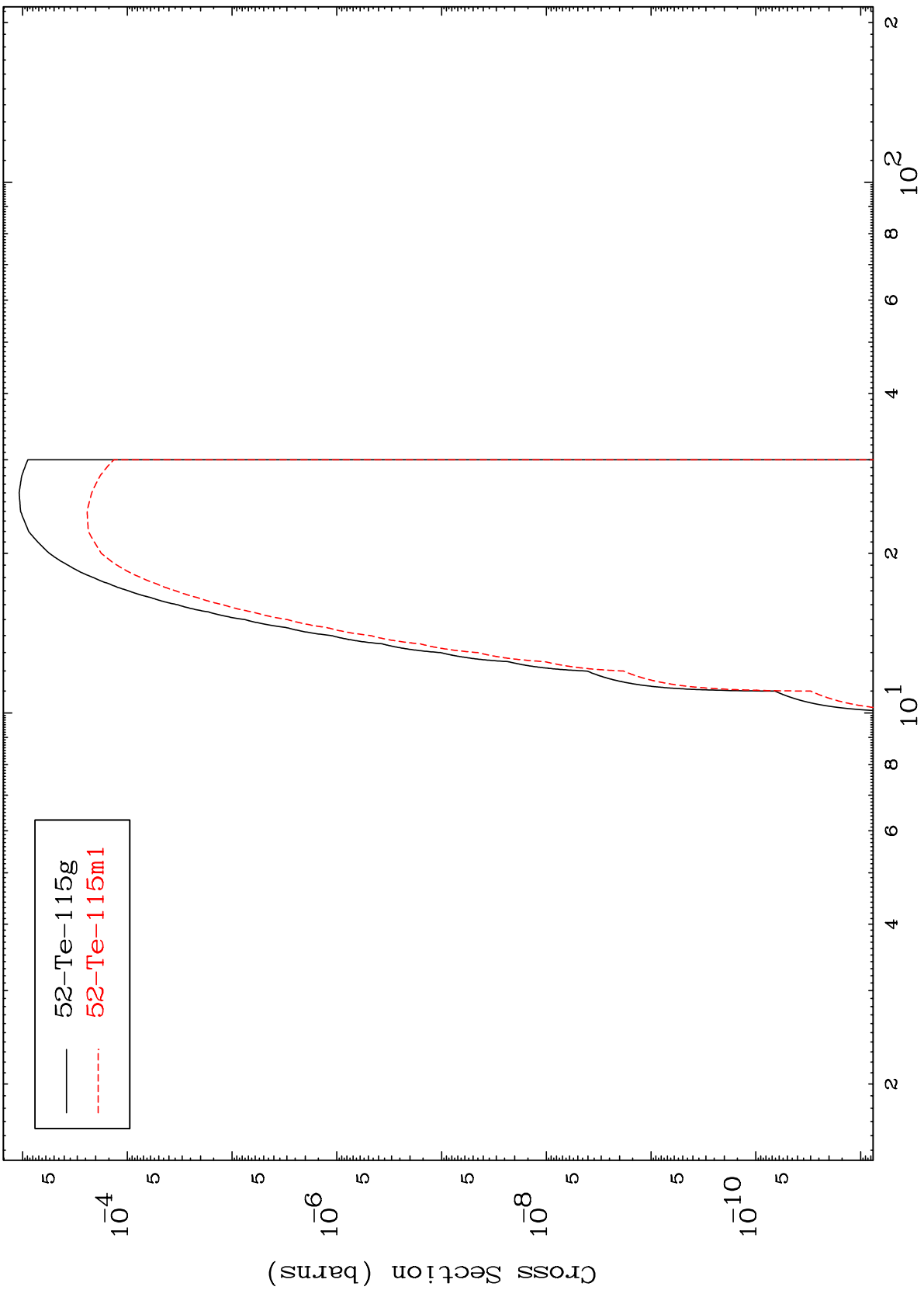
55-Cs-120

MAT 5486

(n,p) α

55-Cs-120

Radionuclide Production Cross Section



17

Incident Energy (MeV)

55-Cs-120