

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

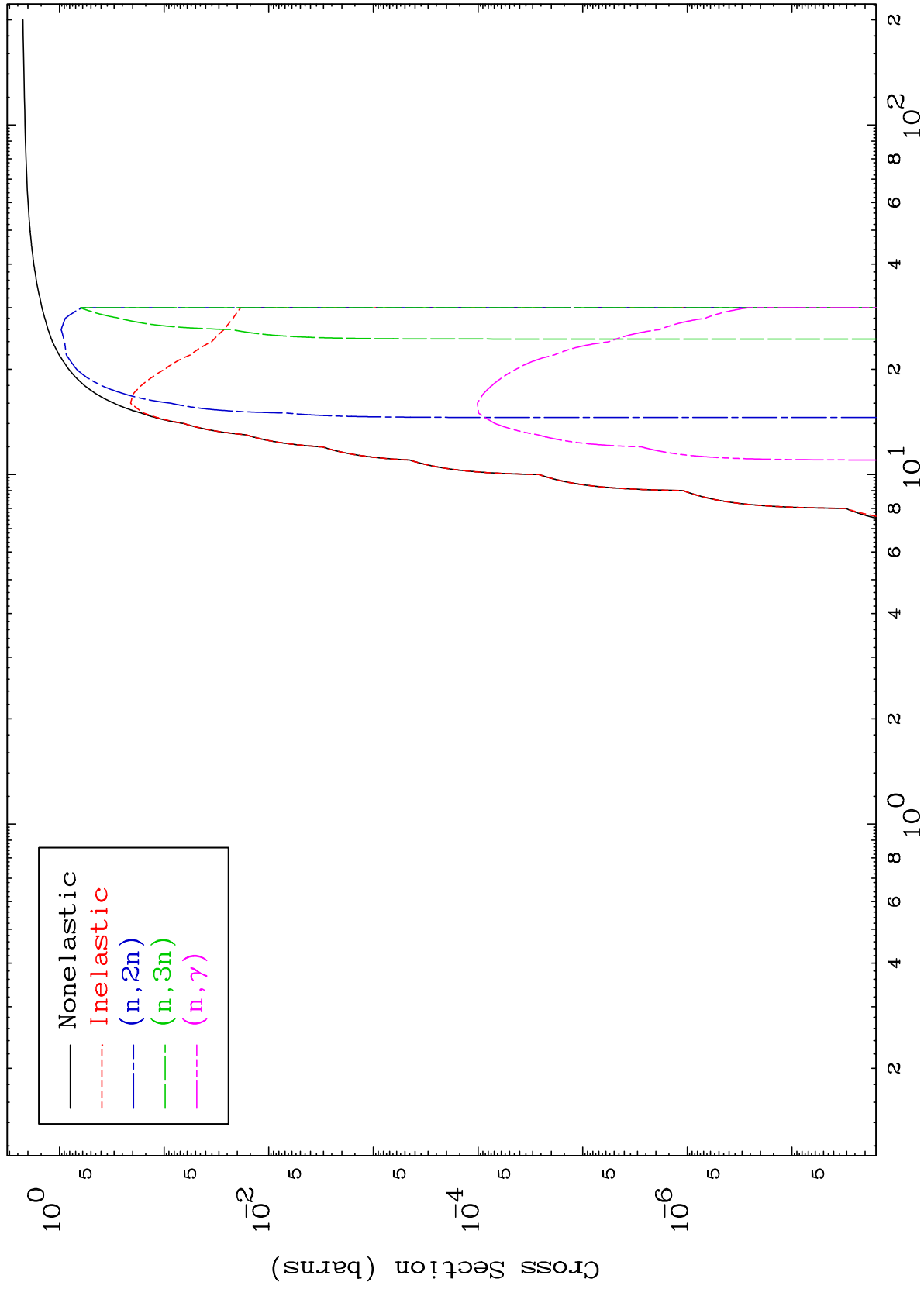
Press Mouse Button to Start

MAT 5131

0 Kelvin

α Major Cross Sections

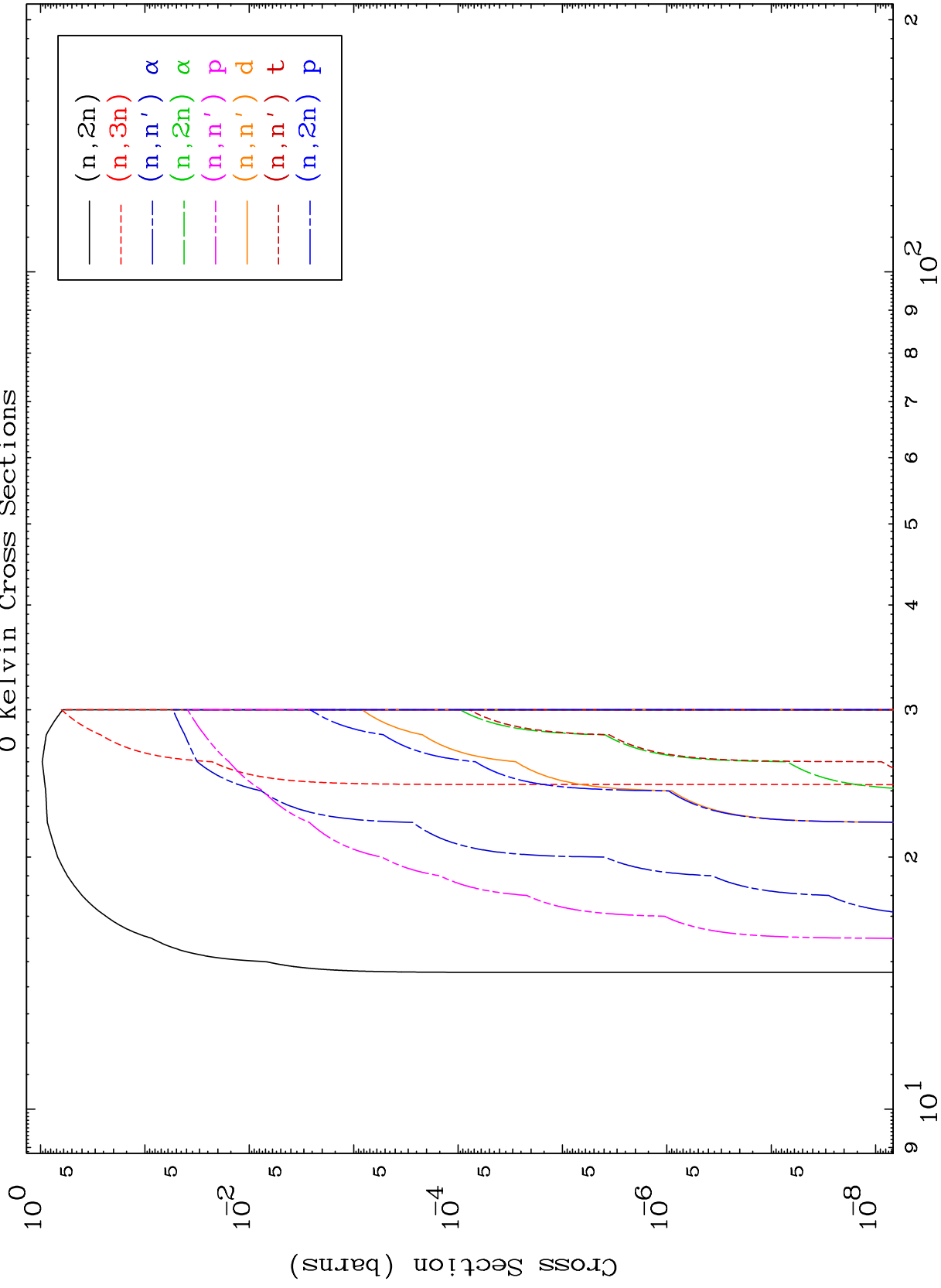
51-Sb-123



MAT 5131

α Neutron Absorption
0 Kelvin Cross Sections

51-Sb-123



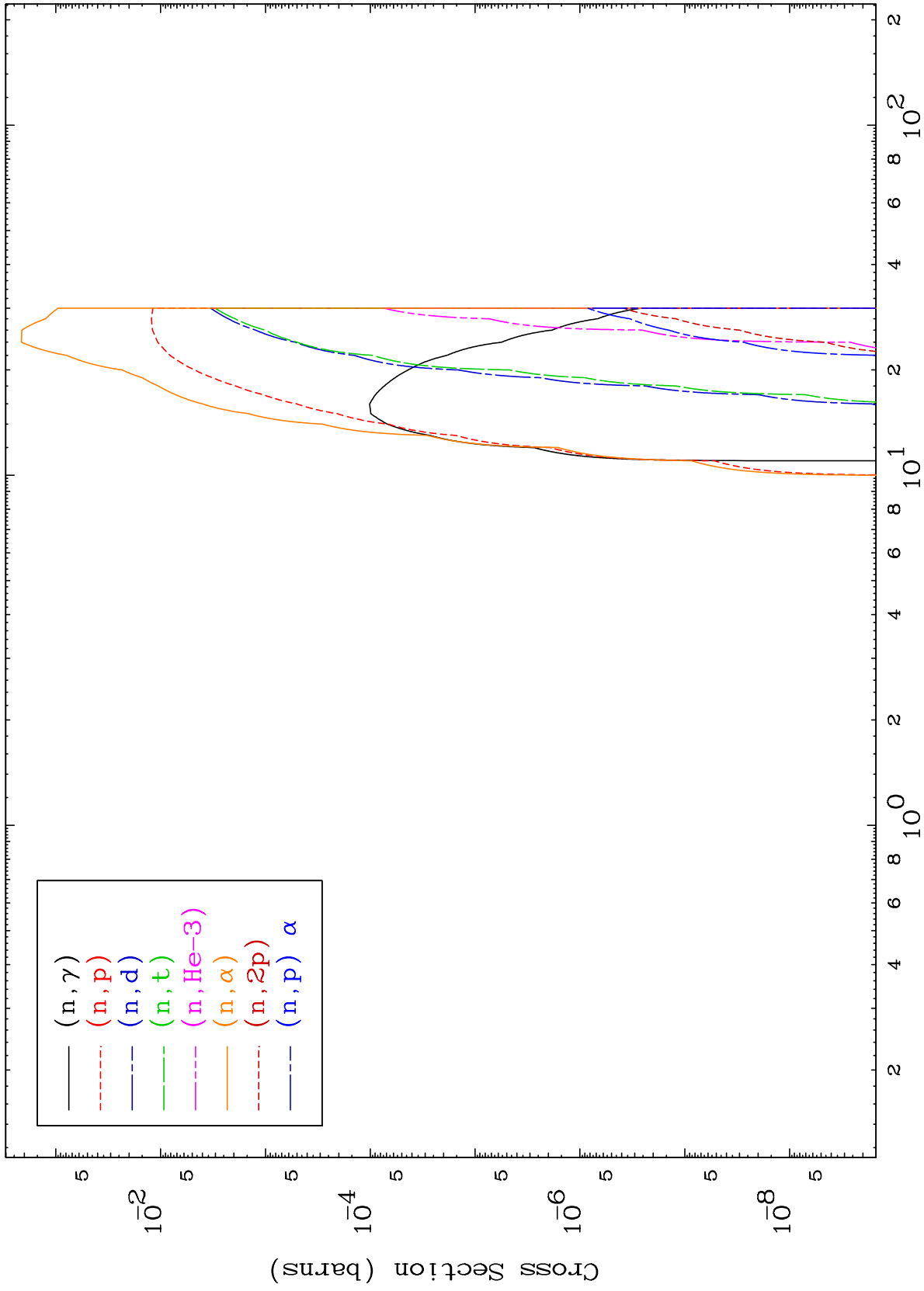
51-Sb-123

Incident Energy (MeV)

MAT 5131

α Neutron Absorption
0 Kelvin Cross Sections

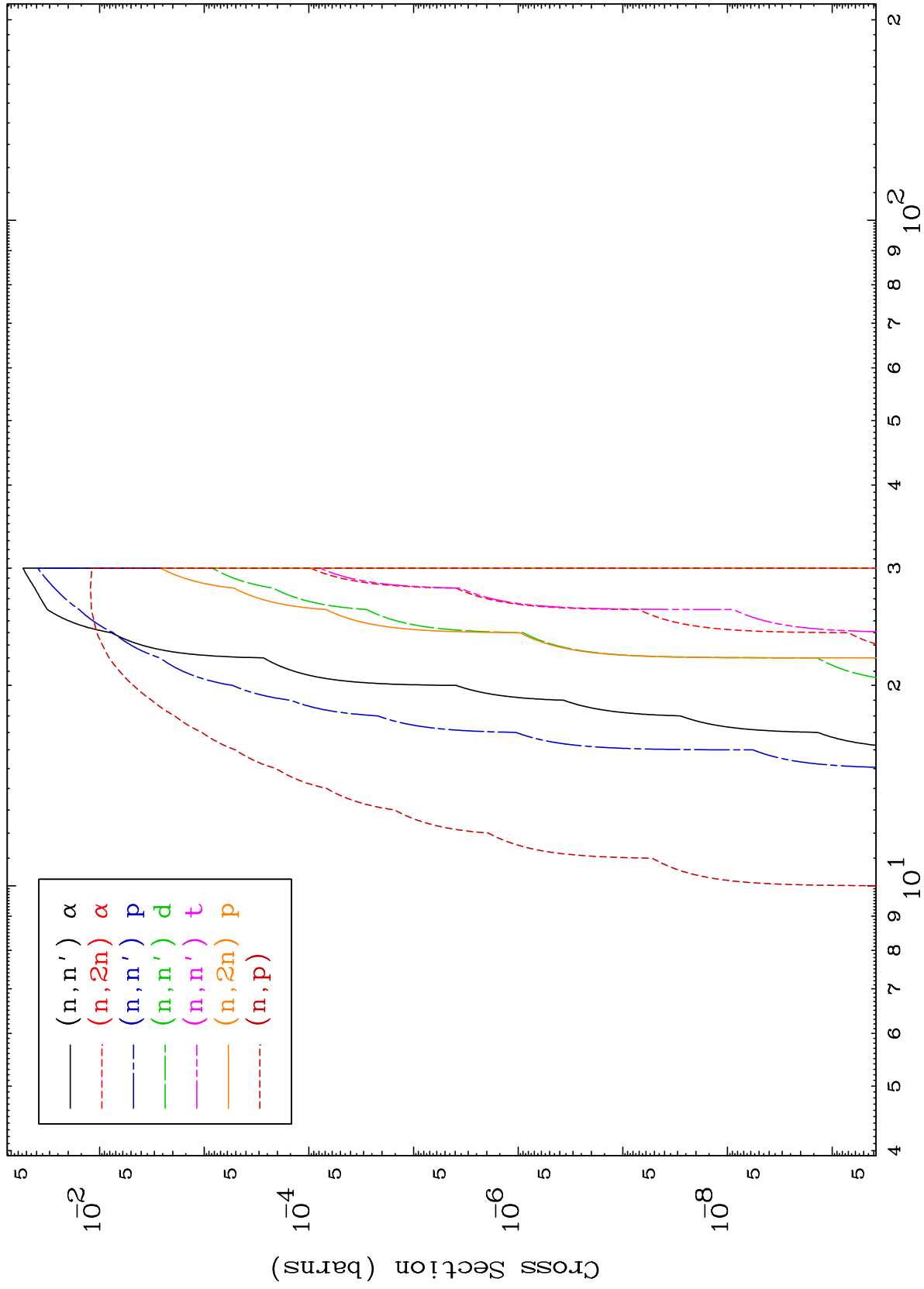
51-Sb-123

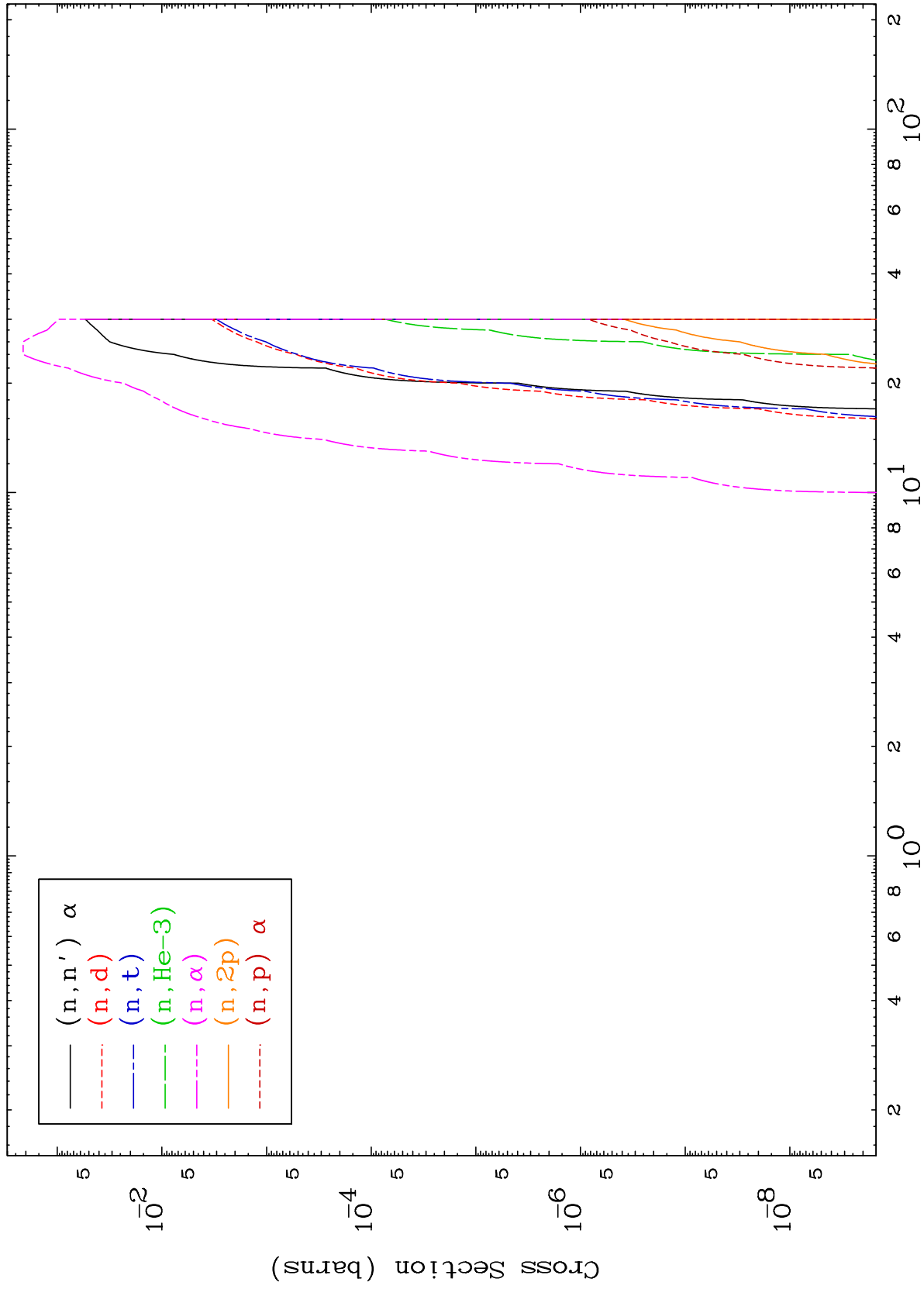


3

Incident Energy (MeV)

51-Sb-123

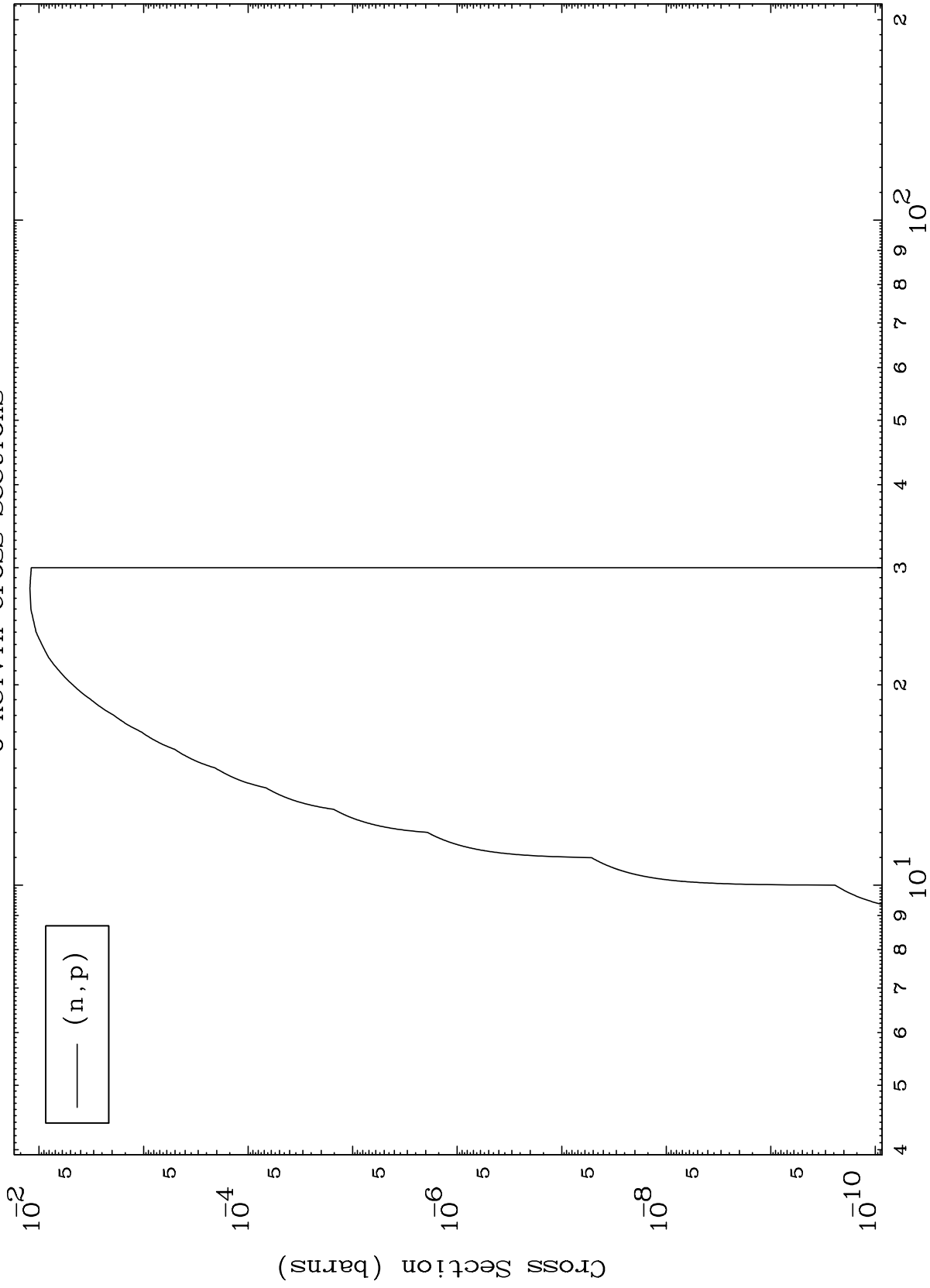




MAT 5131

(α, p) Levels
0 Kelvin Cross Sections

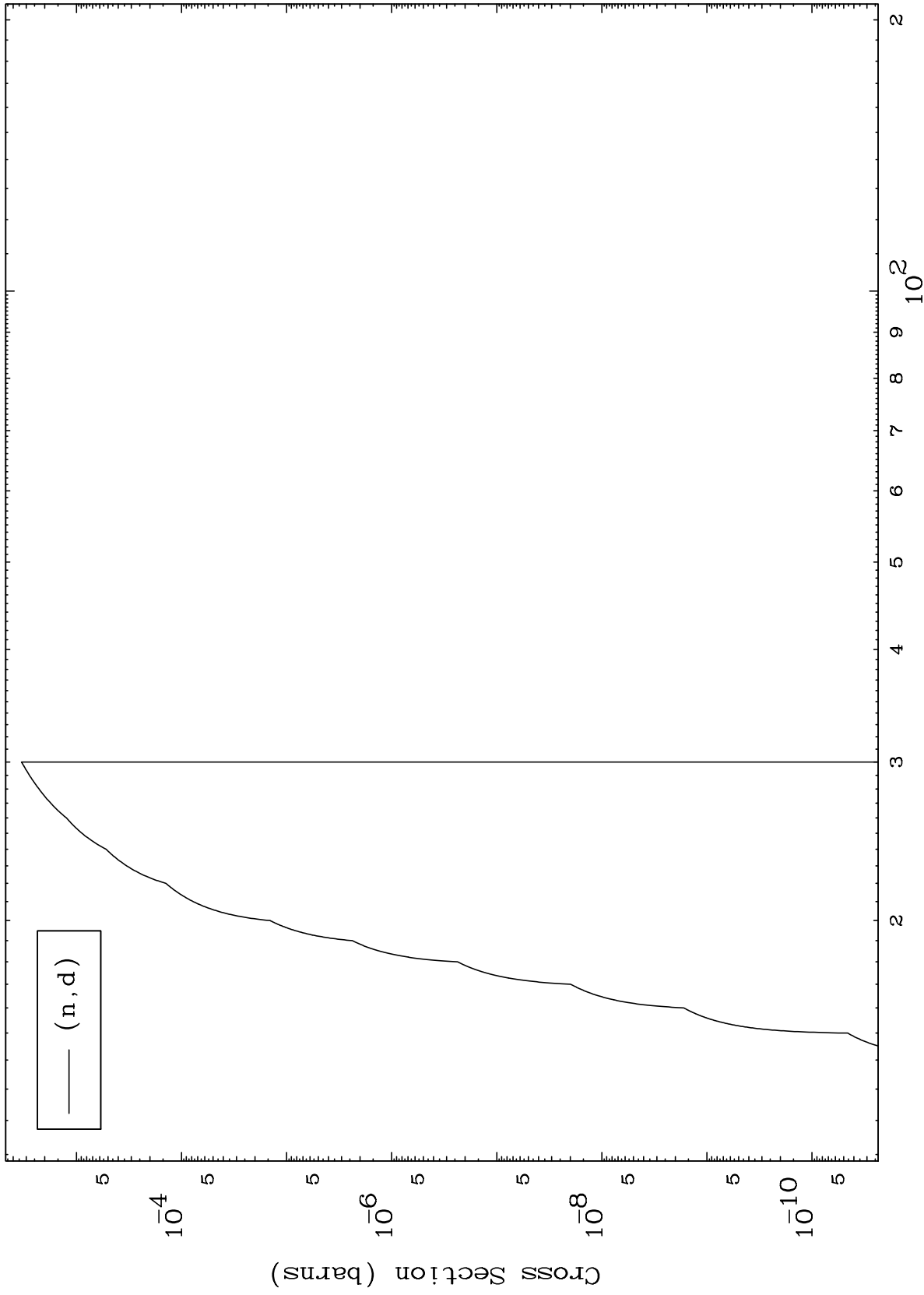
51-Sb-123

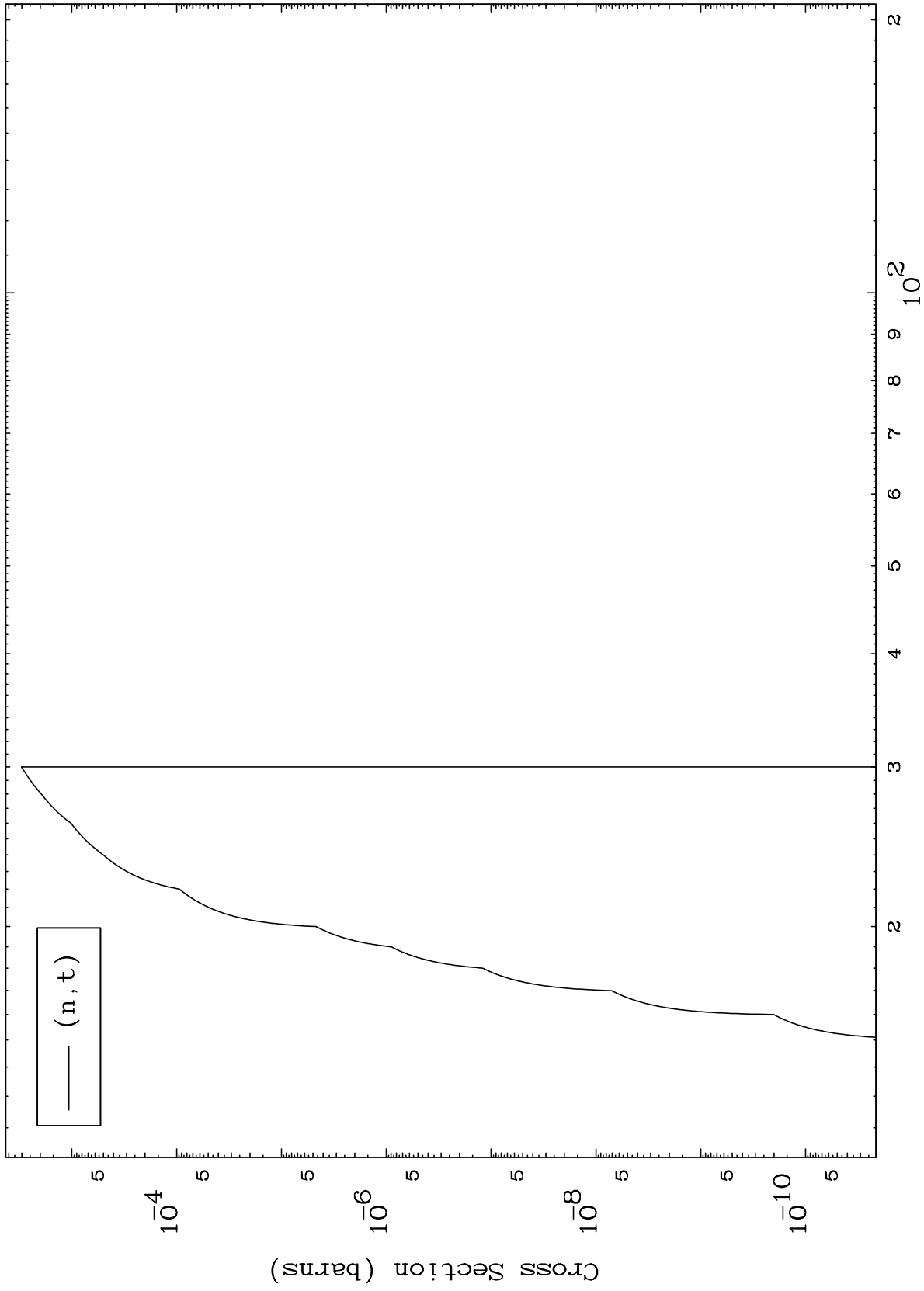


6

Incident Energy (MeV)

51-Sb-123

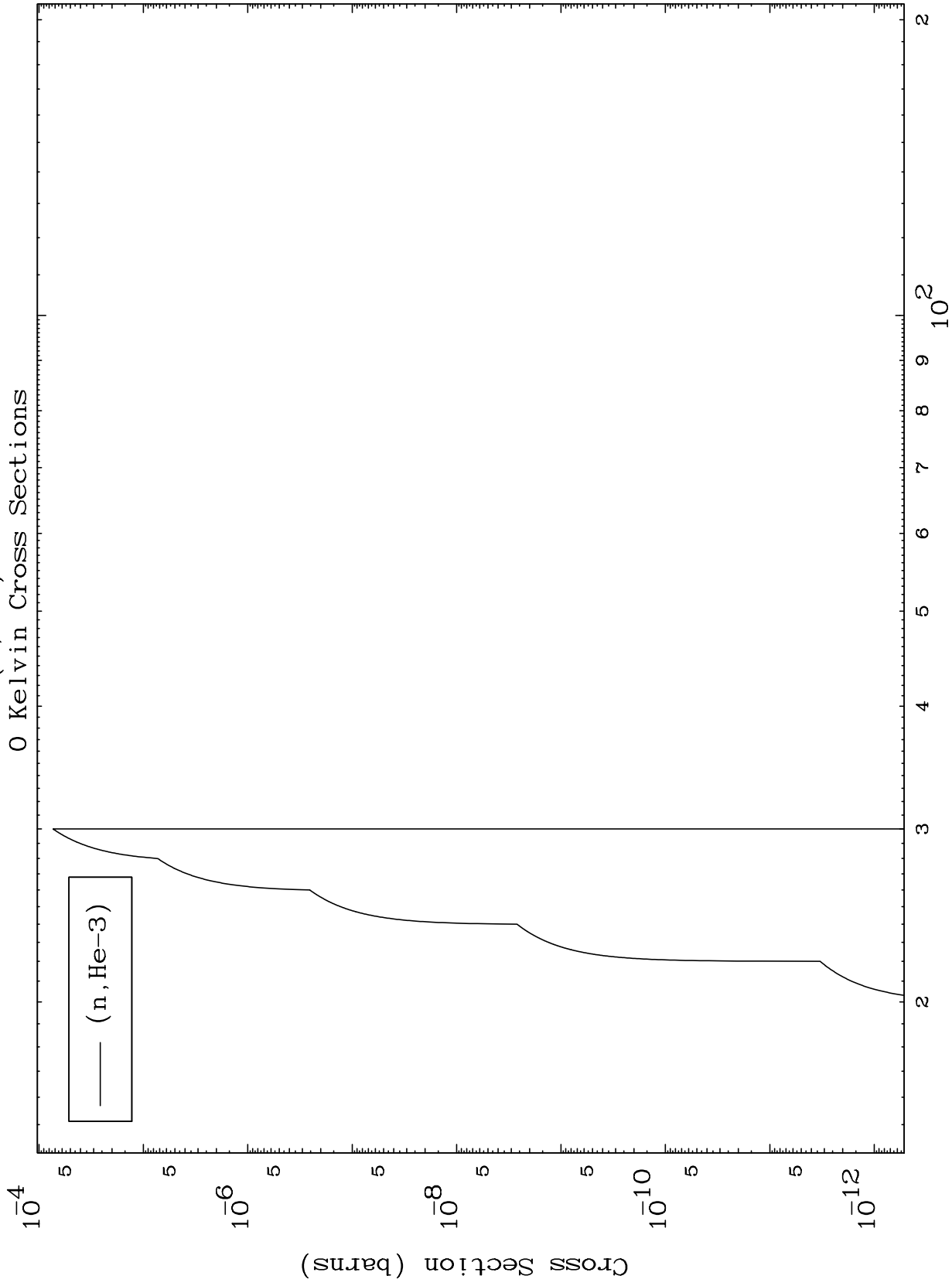




MAT 5131

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

51-Sb-123



9

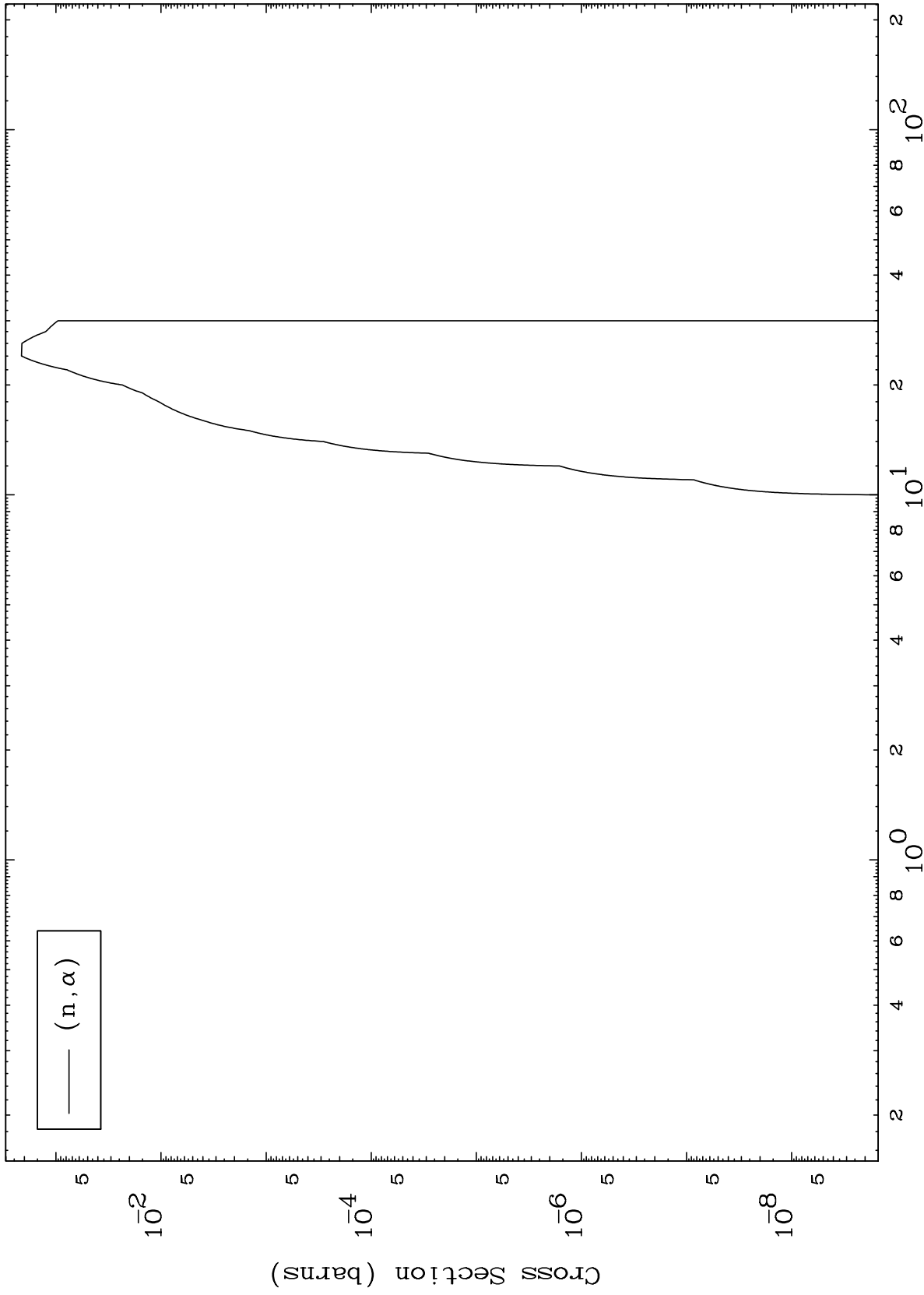
Incident Energy (MeV)

51-Sb-123

MAT 5131

(α, α) Levels
0 Kelvin Cross Sections

51-Sb-123



10

Incident Energy (MeV)

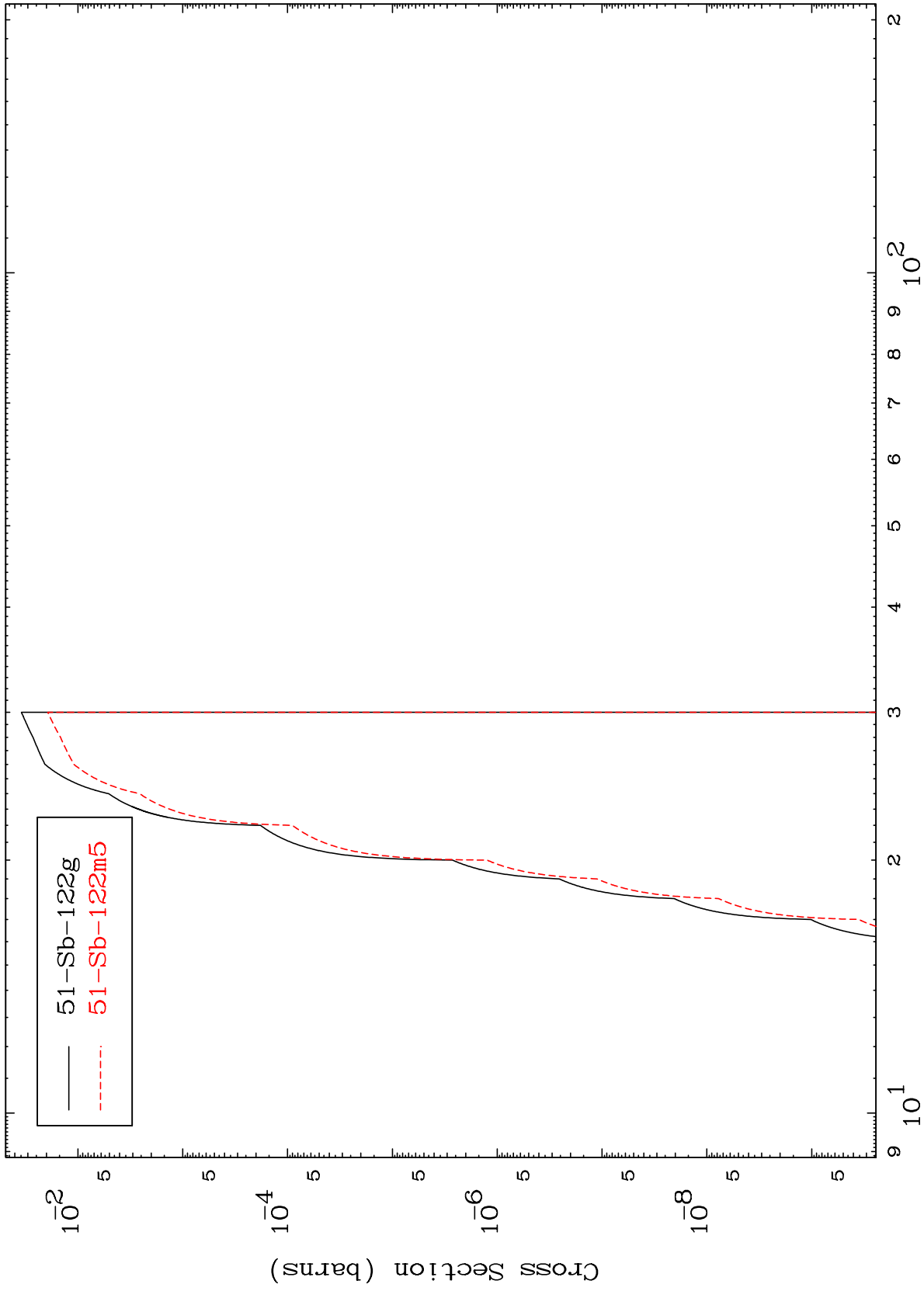
51-Sb-123

MAT 5131

(n,n') α

51-Sb-123

Radionuclide Production Cross Section



11

Incident Energy (MeV)

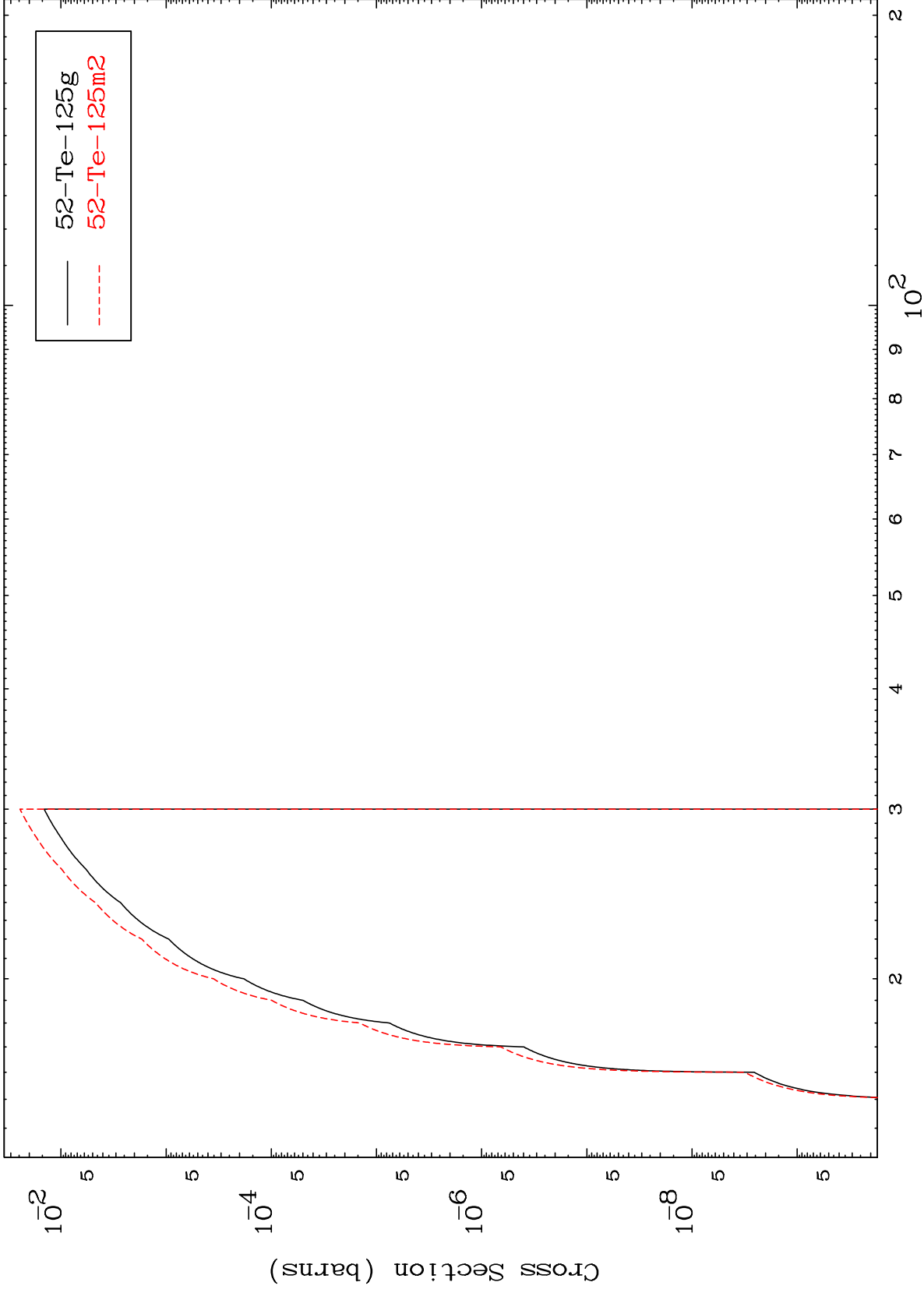
51-Sb-123

MAT 5131

(n,n') p

51-Sb-123

Radionuclide Production Cross Section



12

Incident Energy (MeV)

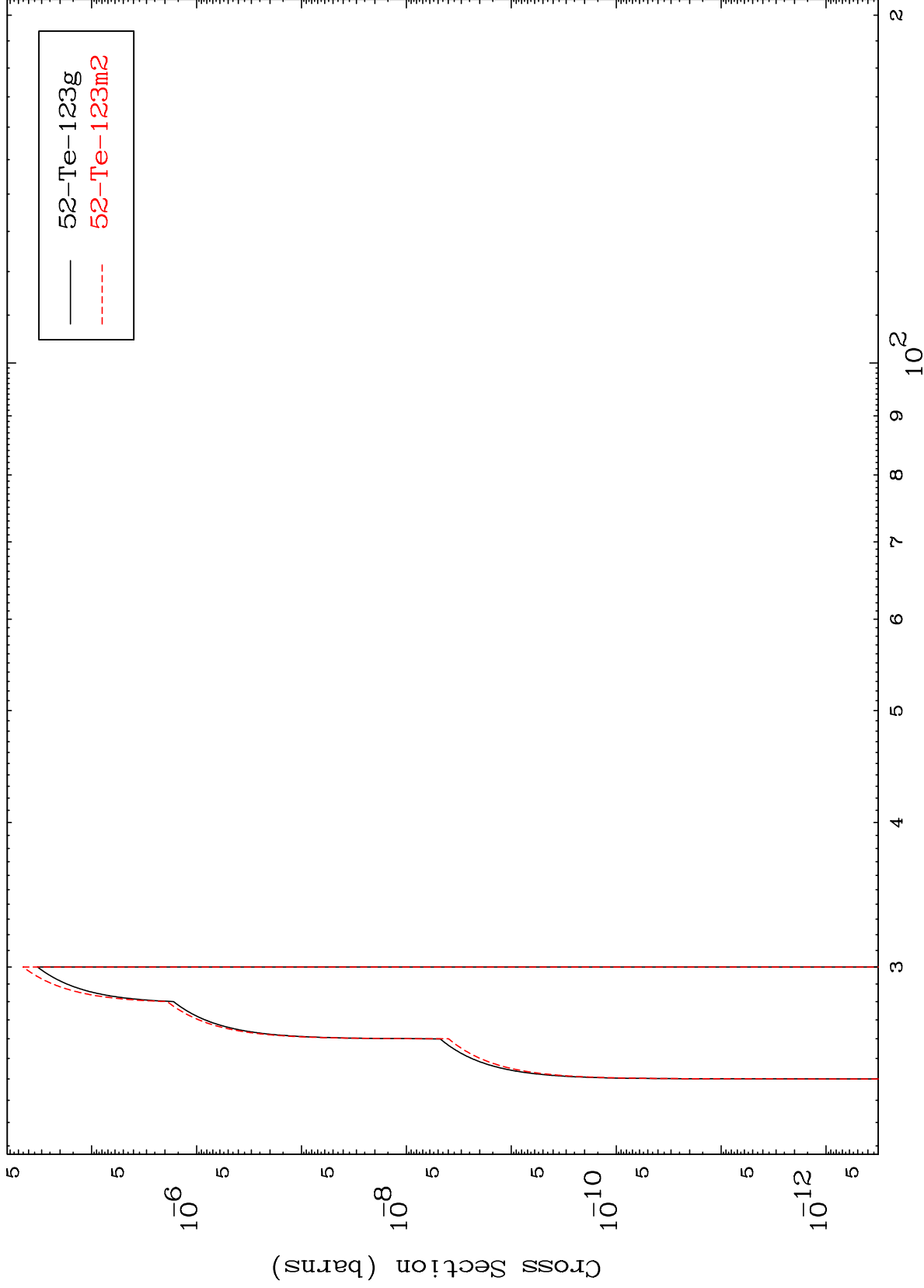
51-Sb-123

MAT 5131

(n,n') t

51-Sb-123

Radionuclide Production Cross Section



13

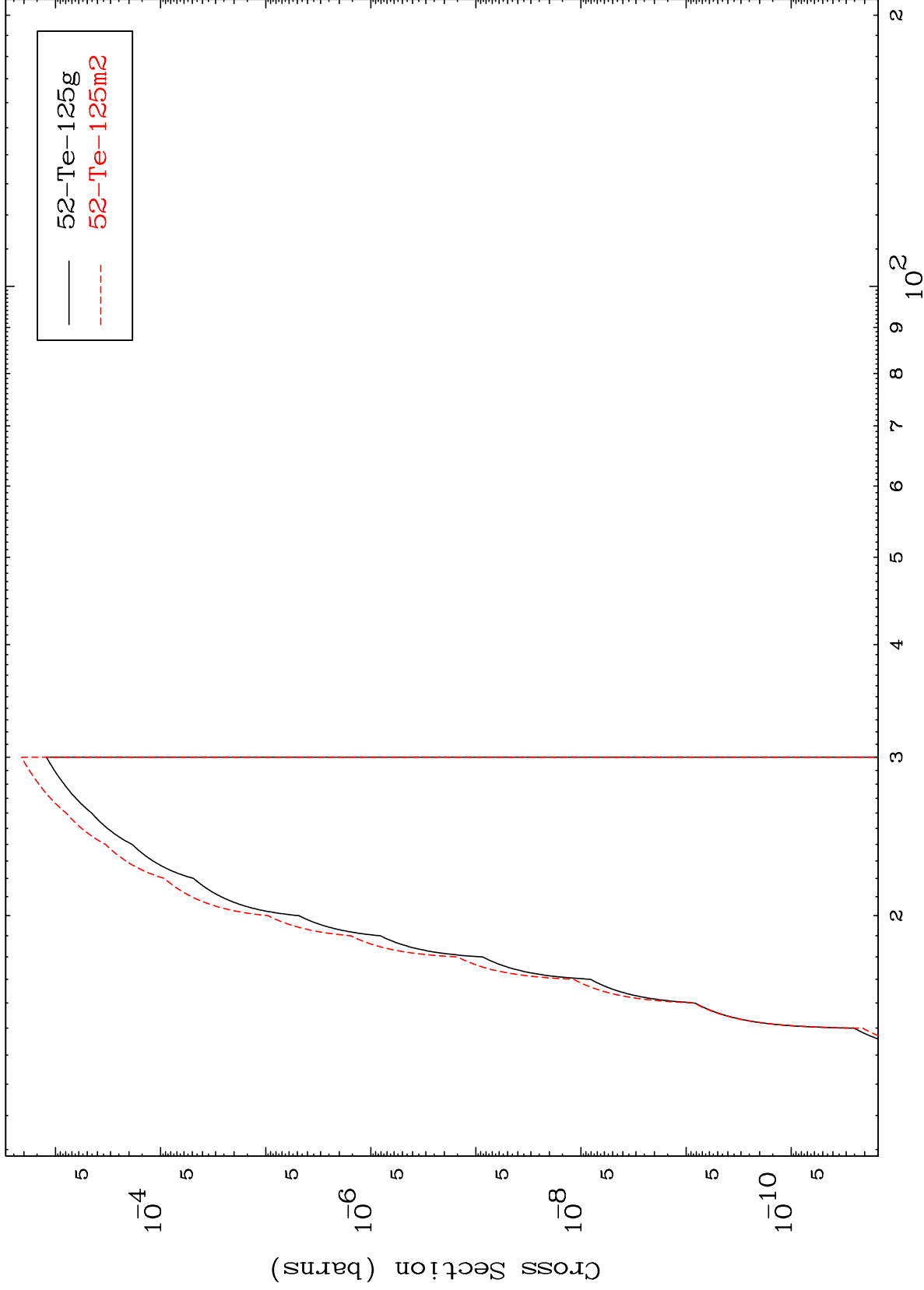
Incident Energy (MeV)

51-Sb-123

MAT 5131

51-Sb-123

(n,d)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

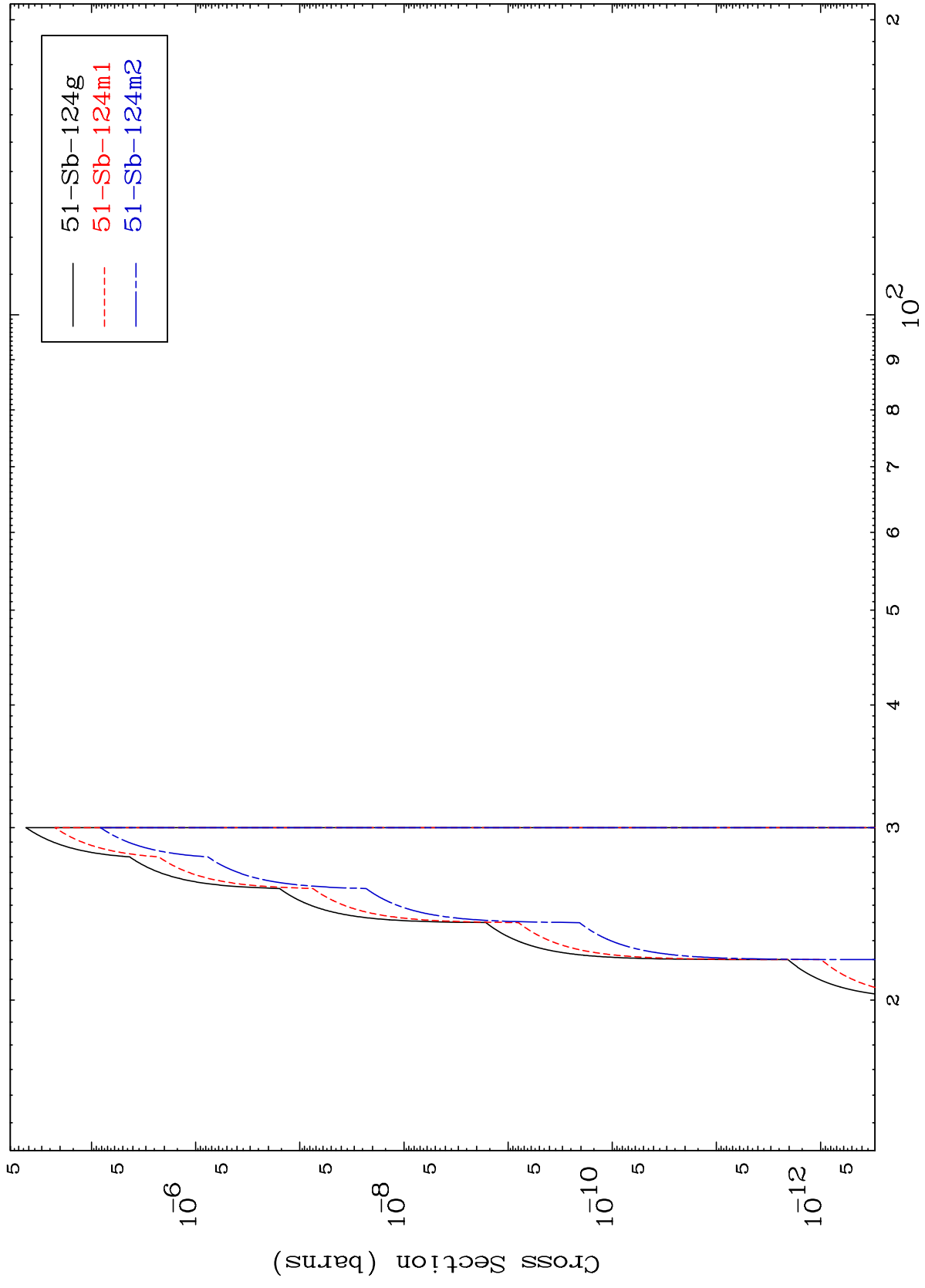
51-Sb-123

MAT 5131

(n,He-3)

51-Sb-123

Radionuclide Production Cross Section



15

Incident Energy (MeV)

51-Sb-123