

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

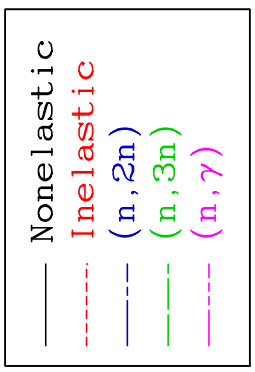
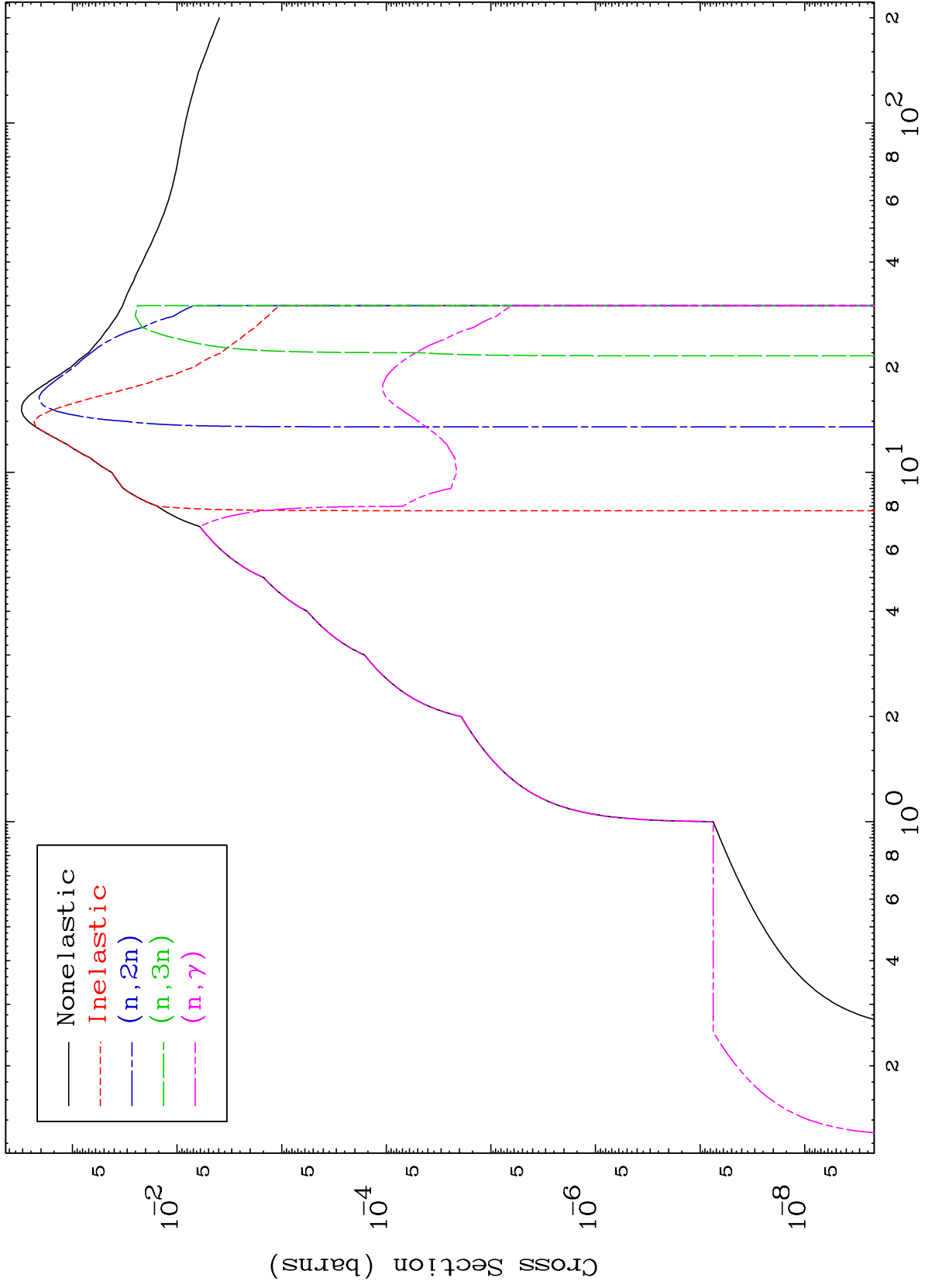
Press Mouse Button to Start

MAT 5155

Photon Major

51-Sb-131

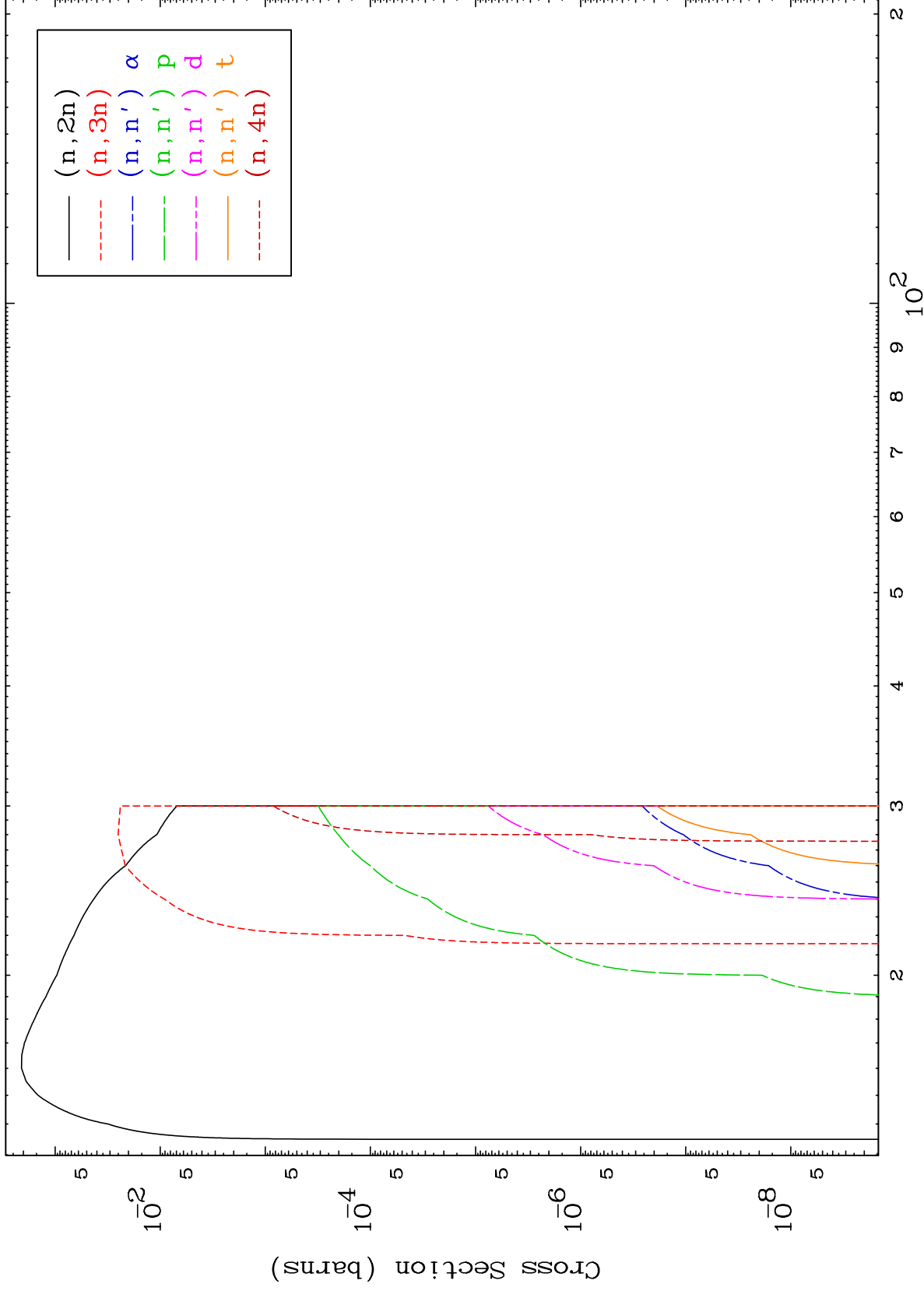
0 Kelvin Cross Sections

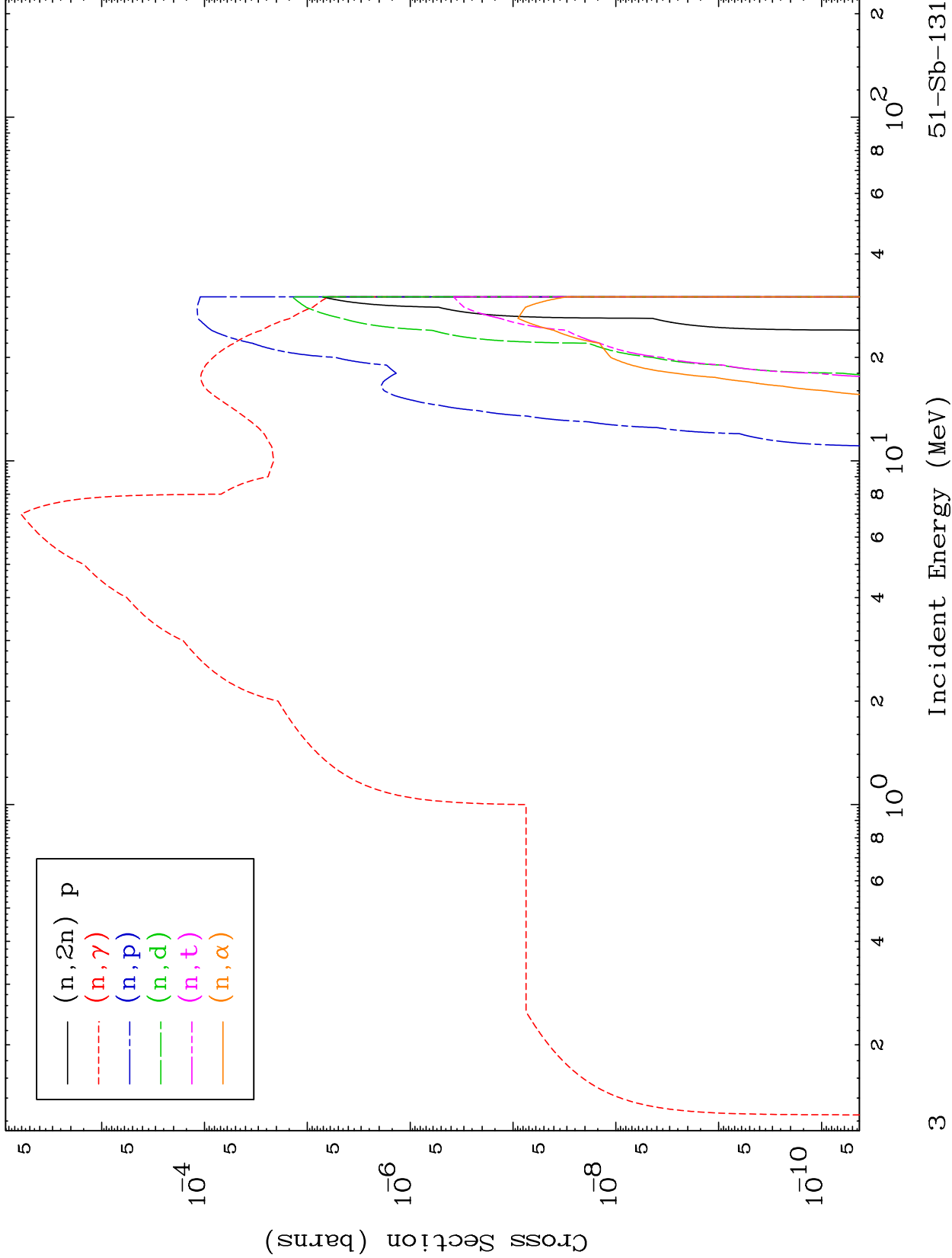


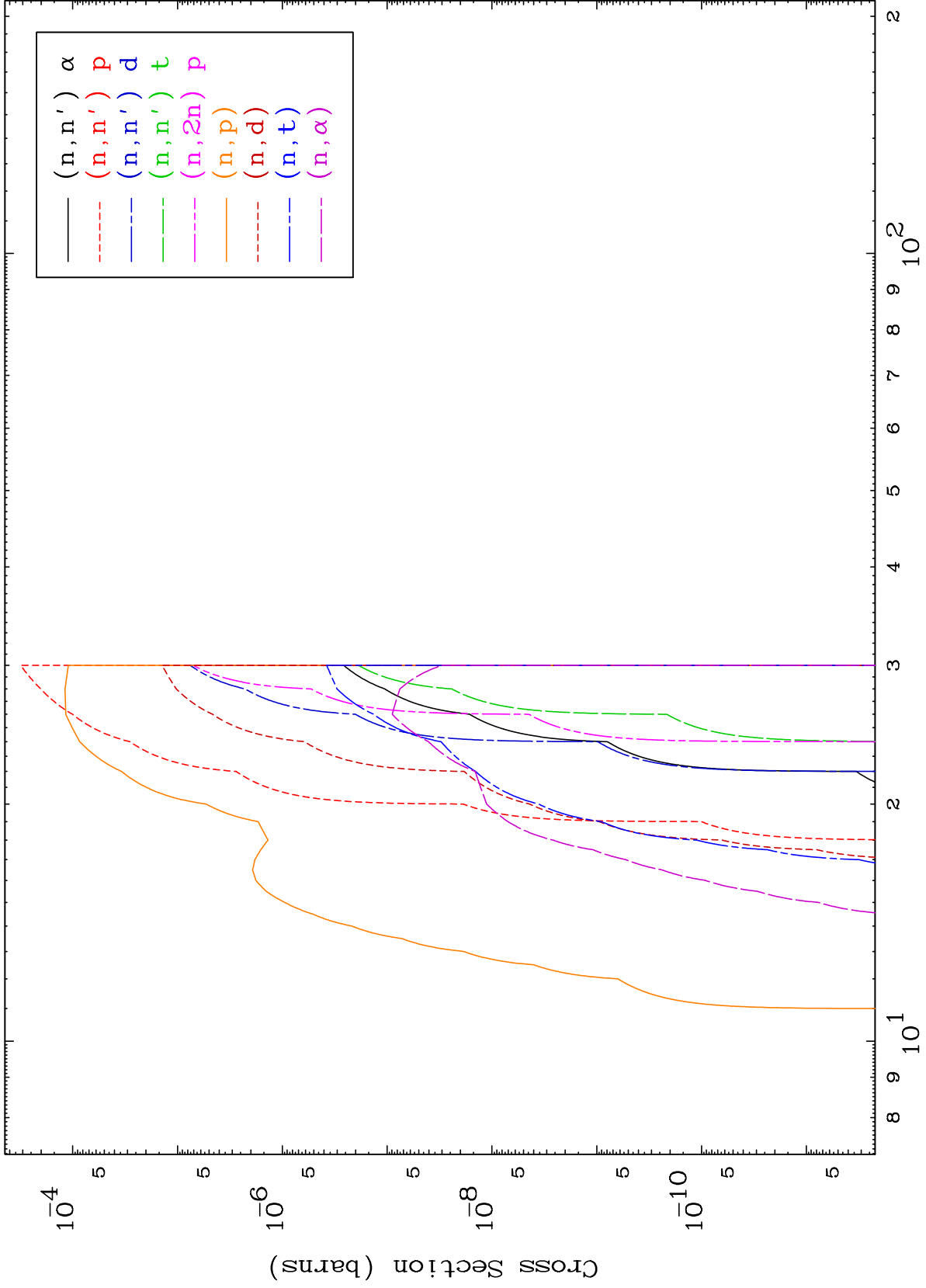
1

Incident Energy (MeV)

51-Sb-131



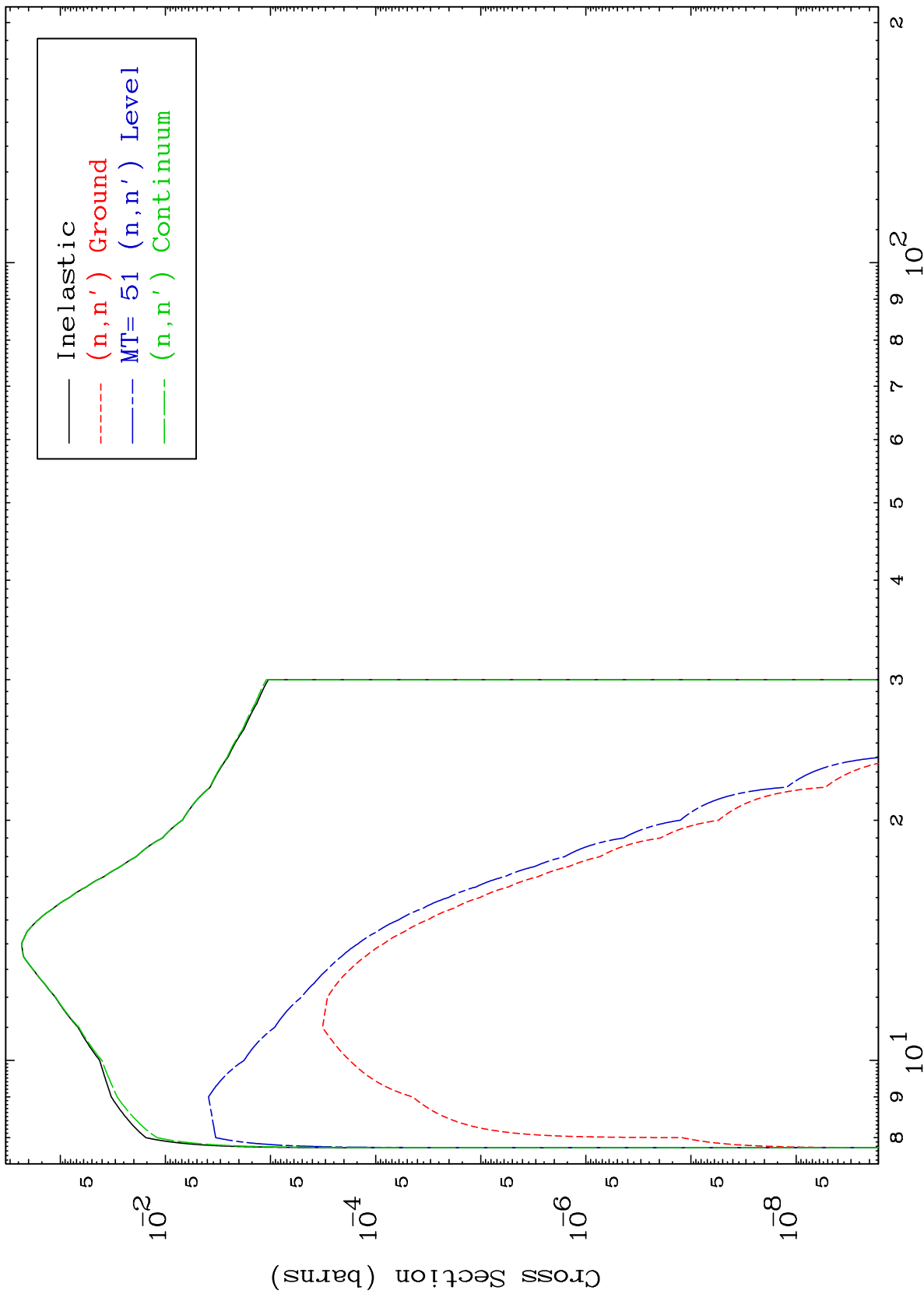




MAT 5155

51-Sb-131

(γ, n') Levels
0 Kelvin Cross Sections



51-Sb-131

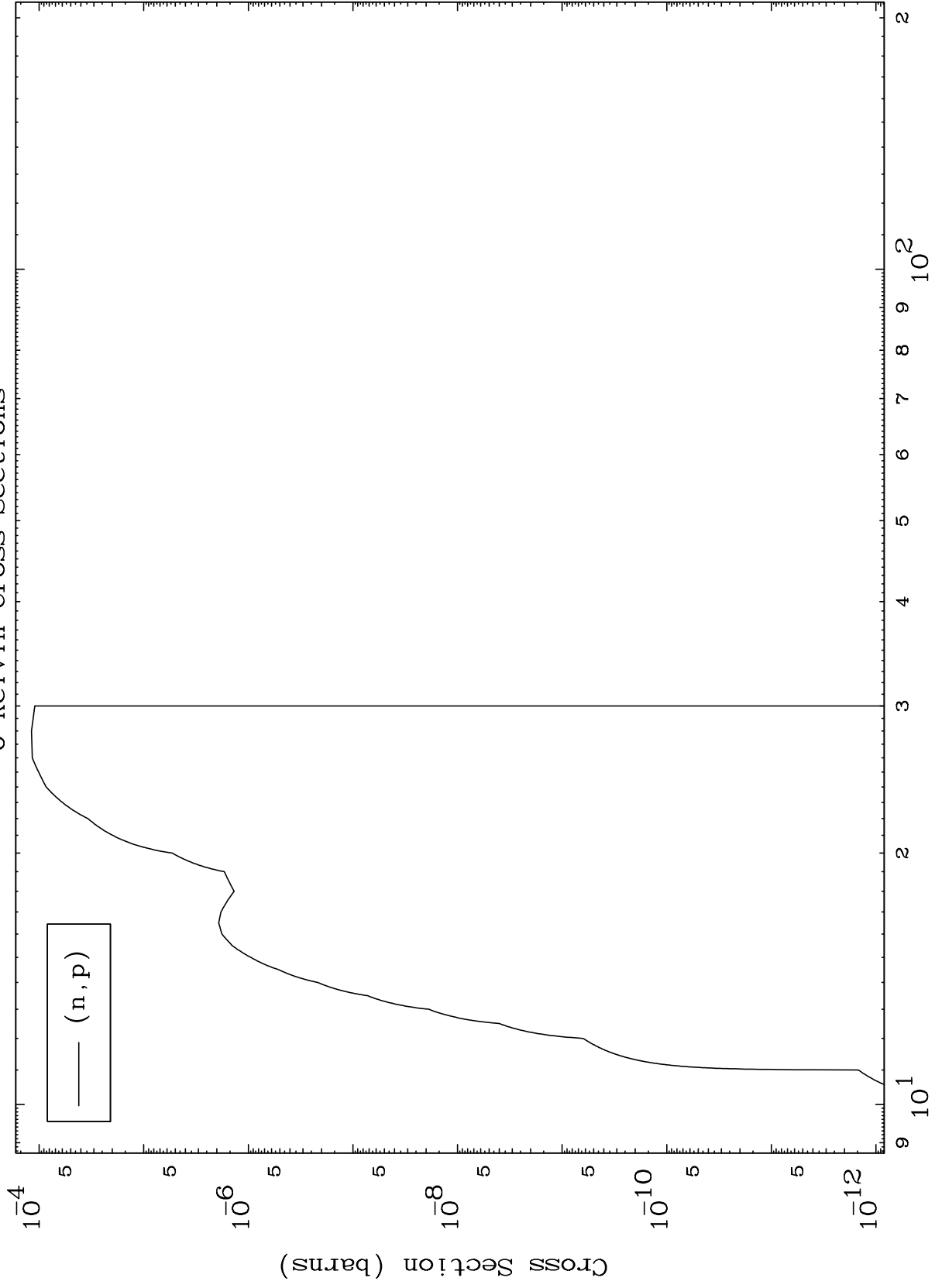
Incident Energy (MeV)

5

MAT 5155

(γ, p) Levels
0 Kelvin Cross Sections

51-Sb-131



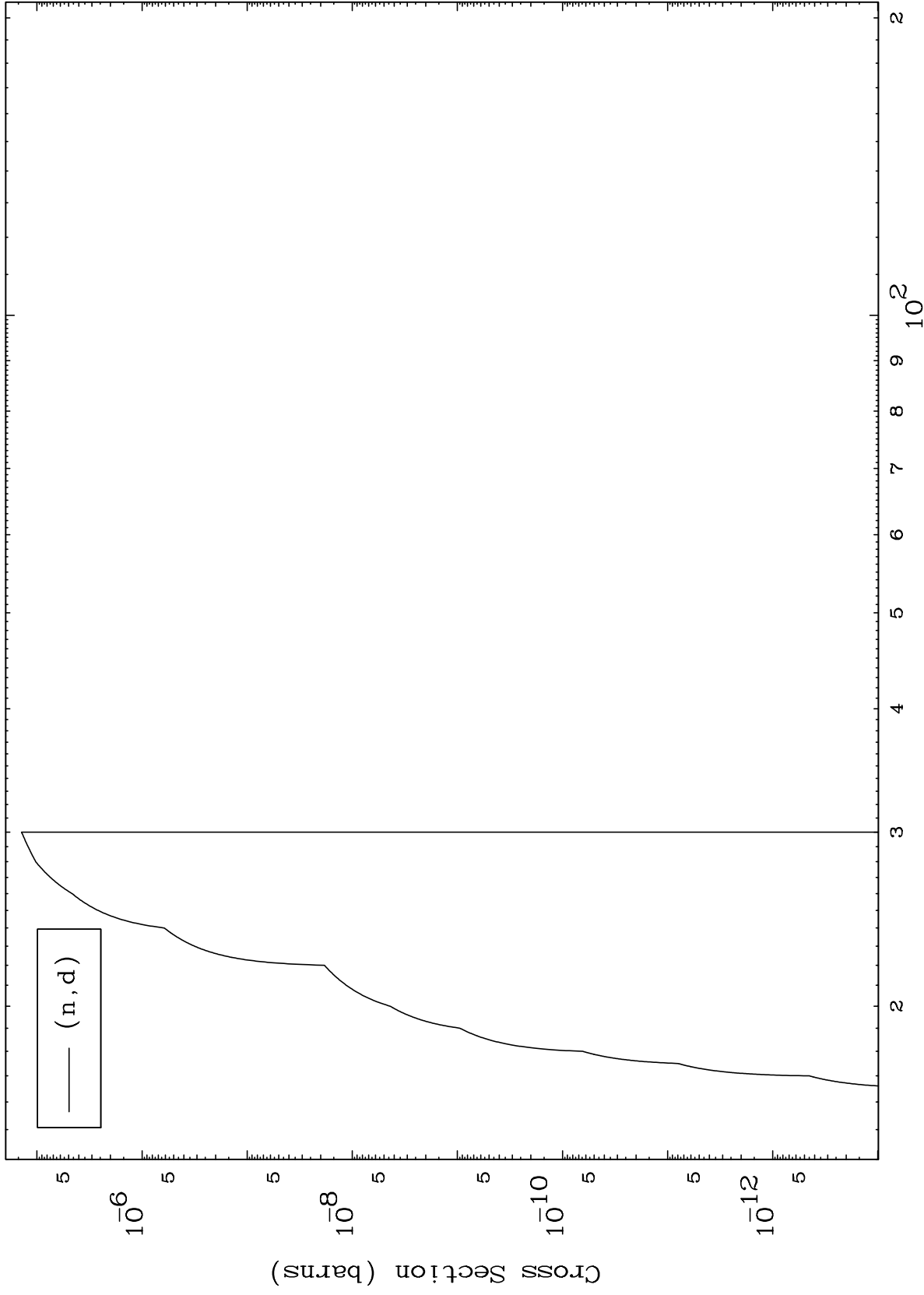
Incident Energy (MeV)

51-Sb-131

MAT 5155

(γ, d) Levels
0 Kelvin Cross Sections

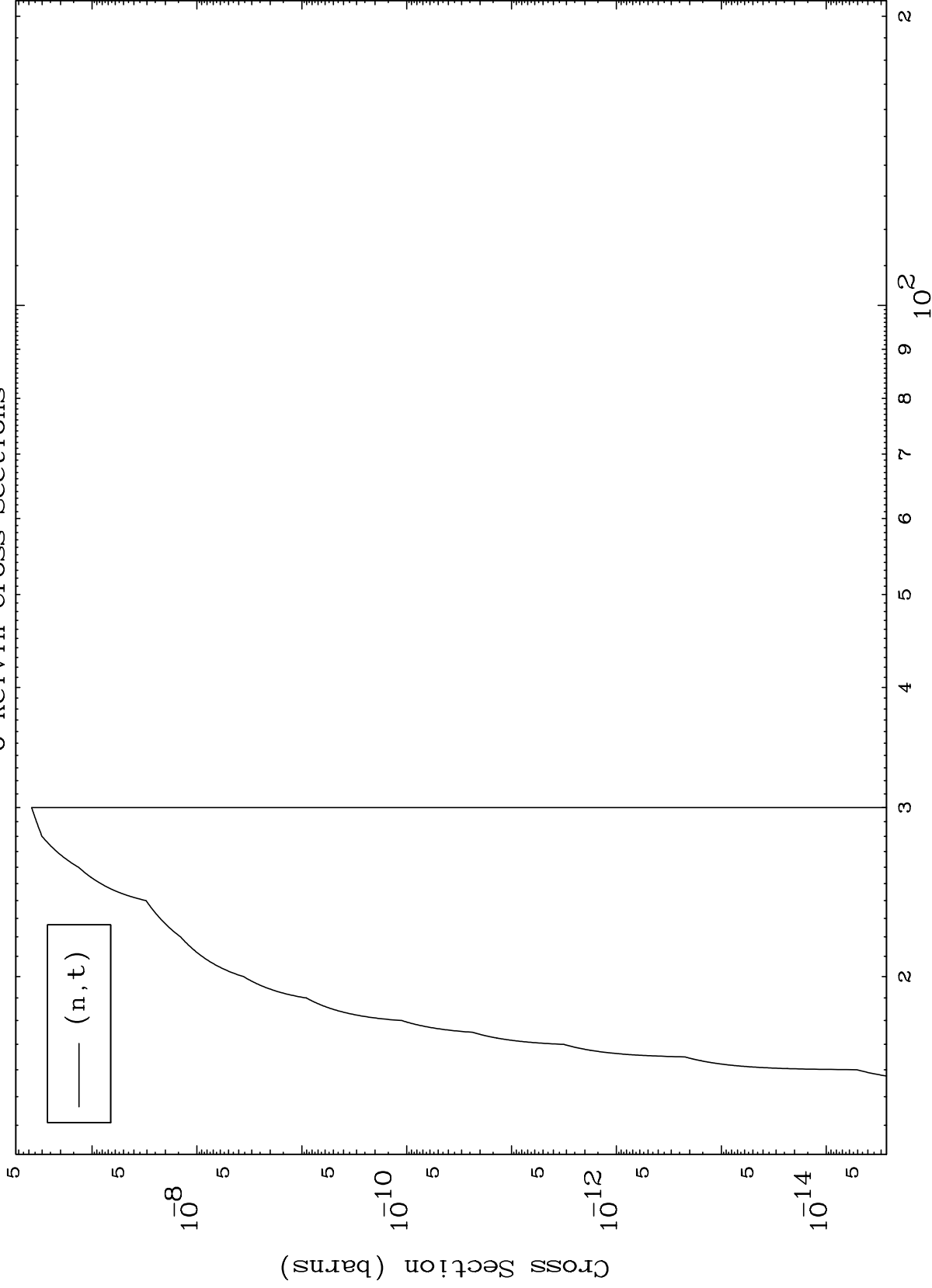
51-Sb-131



7

Incident Energy (MeV)

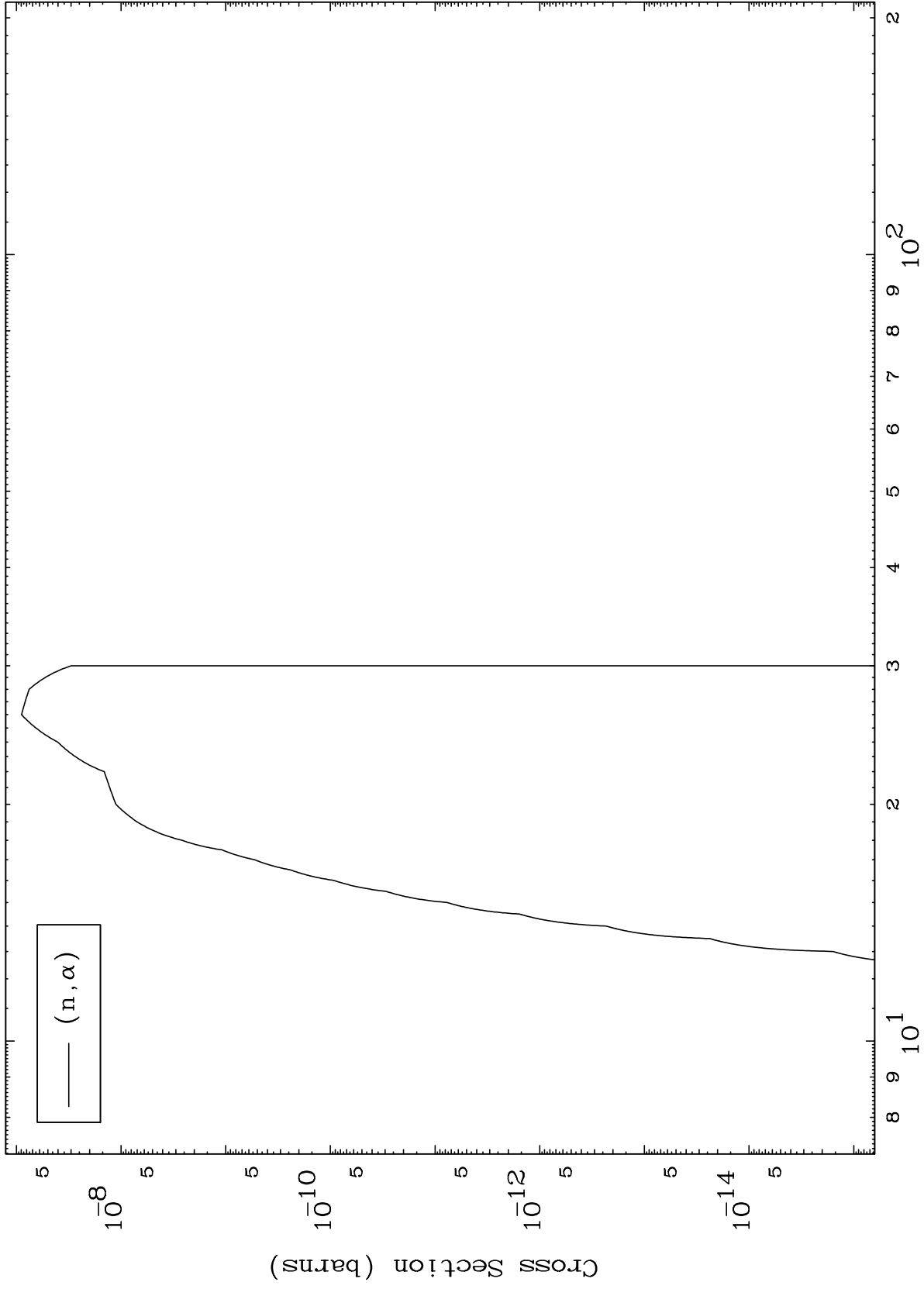
51-Sb-131



MAT 5155

51-Sb-131

(γ, α) Levels
0 Kelvin Cross Sections



9

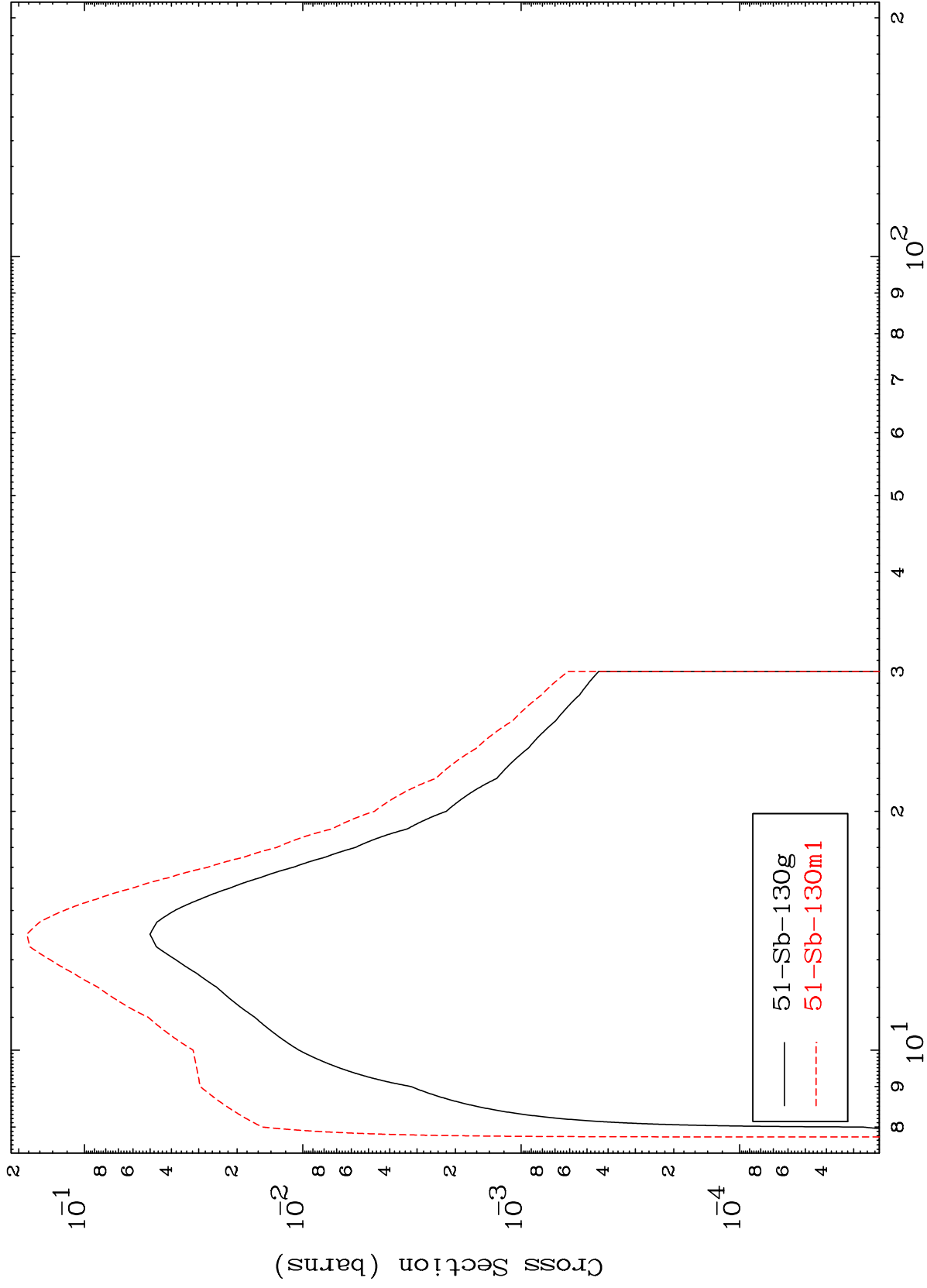
Incident Energy (MeV)

51-Sb-131

MAT 5155

51-Sb-131

Inelastic
Radionuclide Production Cross Section



51-Sb-131

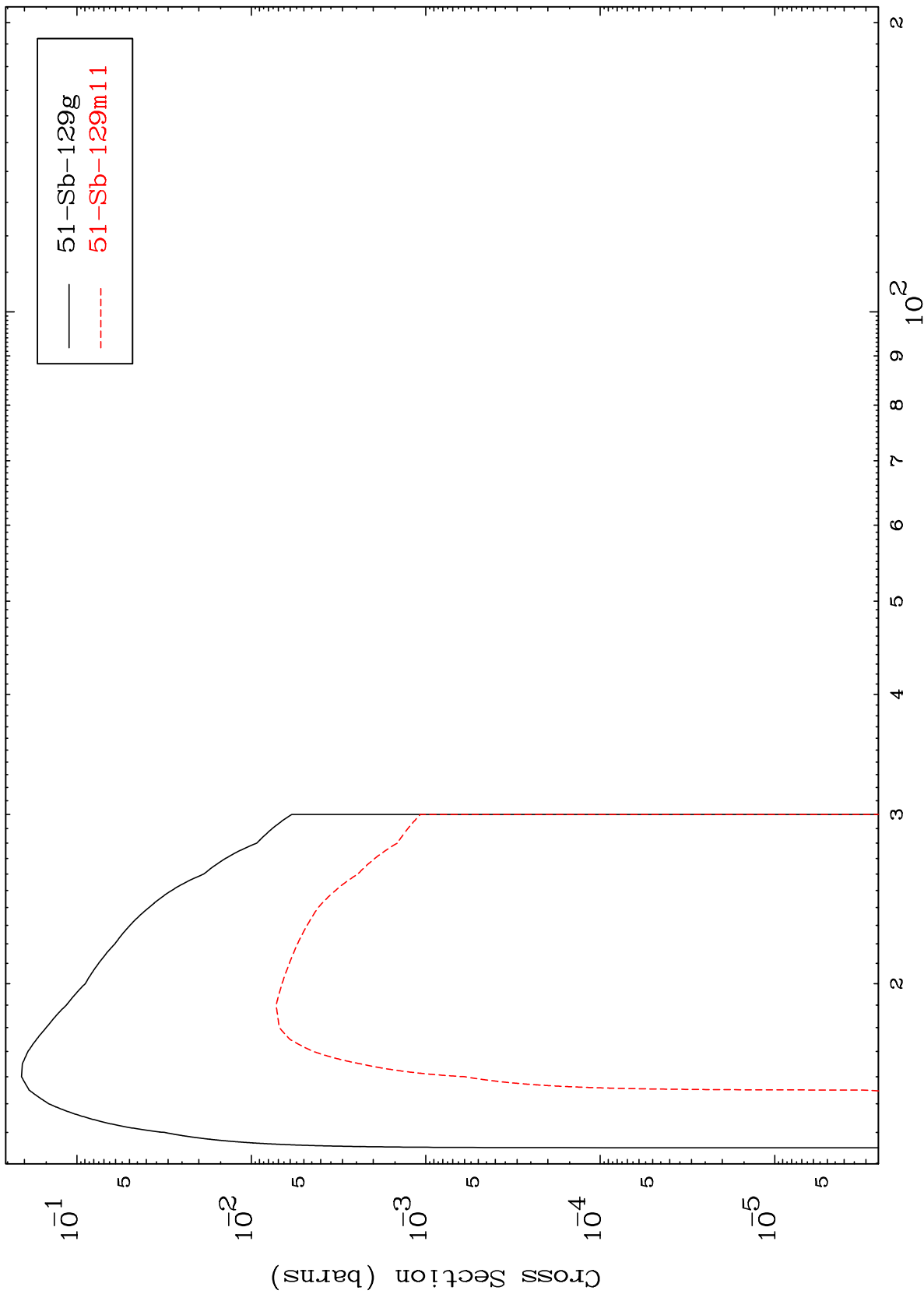
Incident Energy (MeV)

10

MAT 5155

51-Sb-131

(n,2n)
Radionuclide Production Cross Section



11

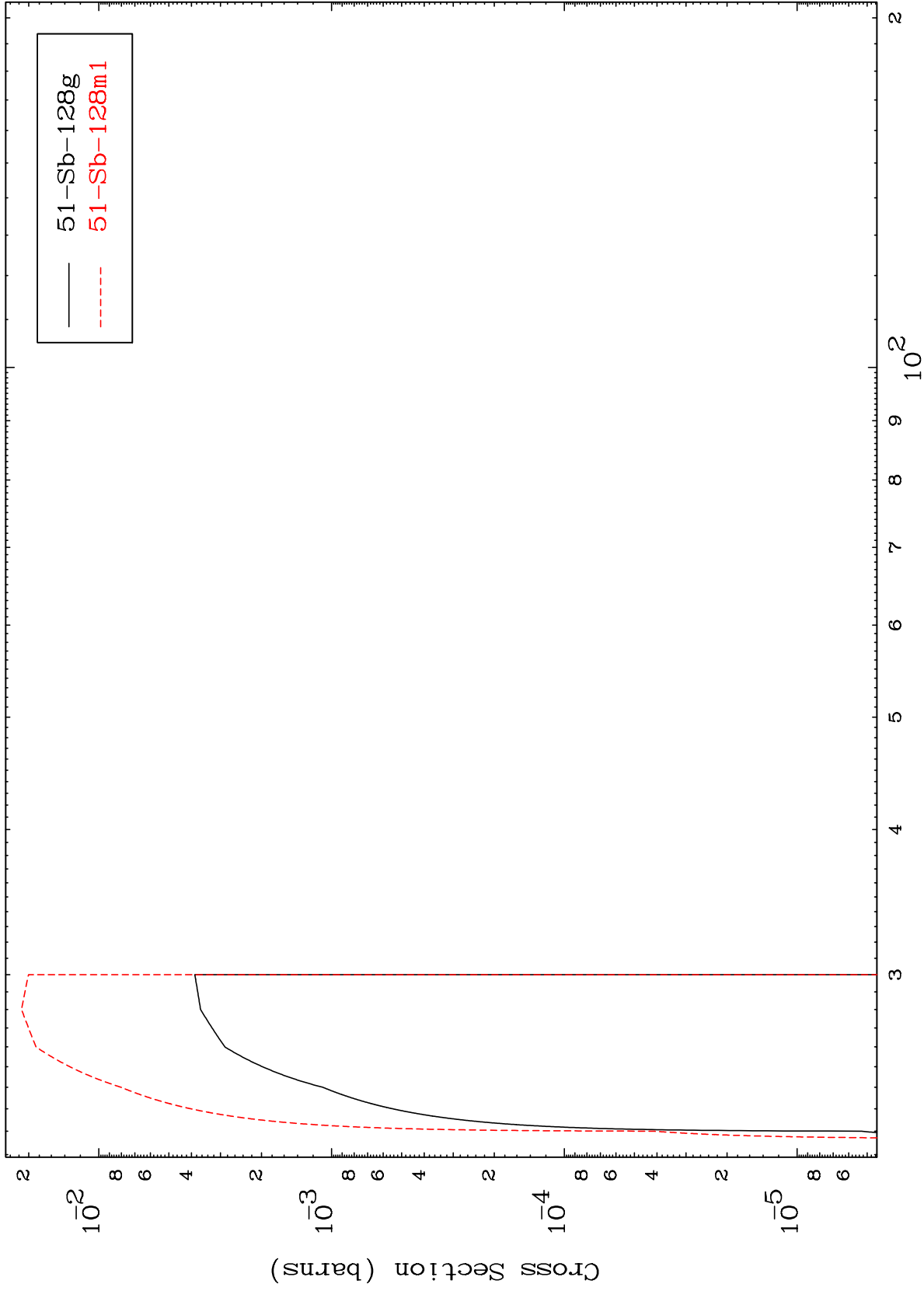
51-Sb-131

Incident Energy (MeV)

MAT 5155

51-Sb-131

(n,3n)
Radionuclide Production Cross Section

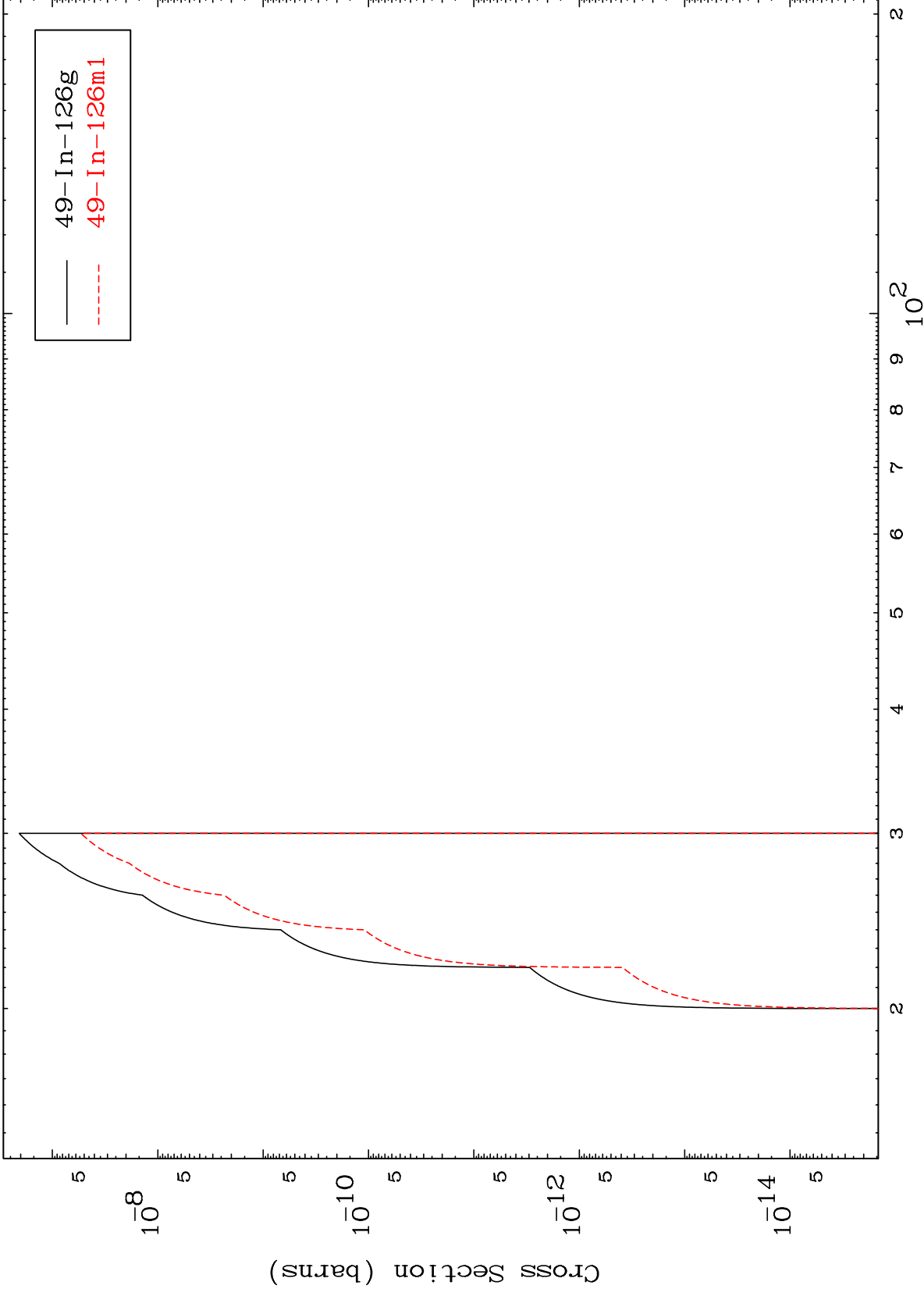


51-Sb-131

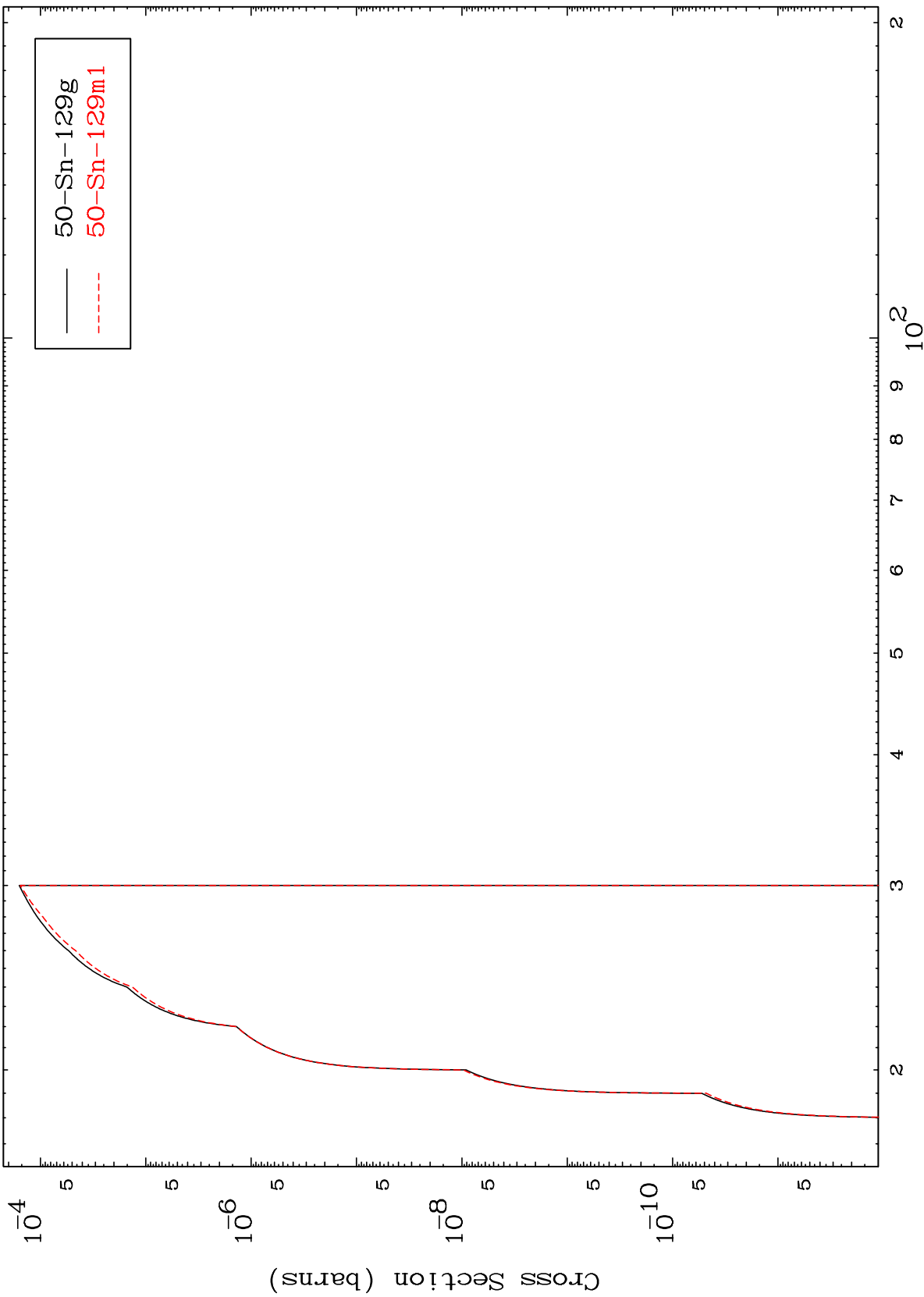
Incident Energy (MeV)

12

Radionuclide Production Cross Section



Radionuclide Production Cross Section



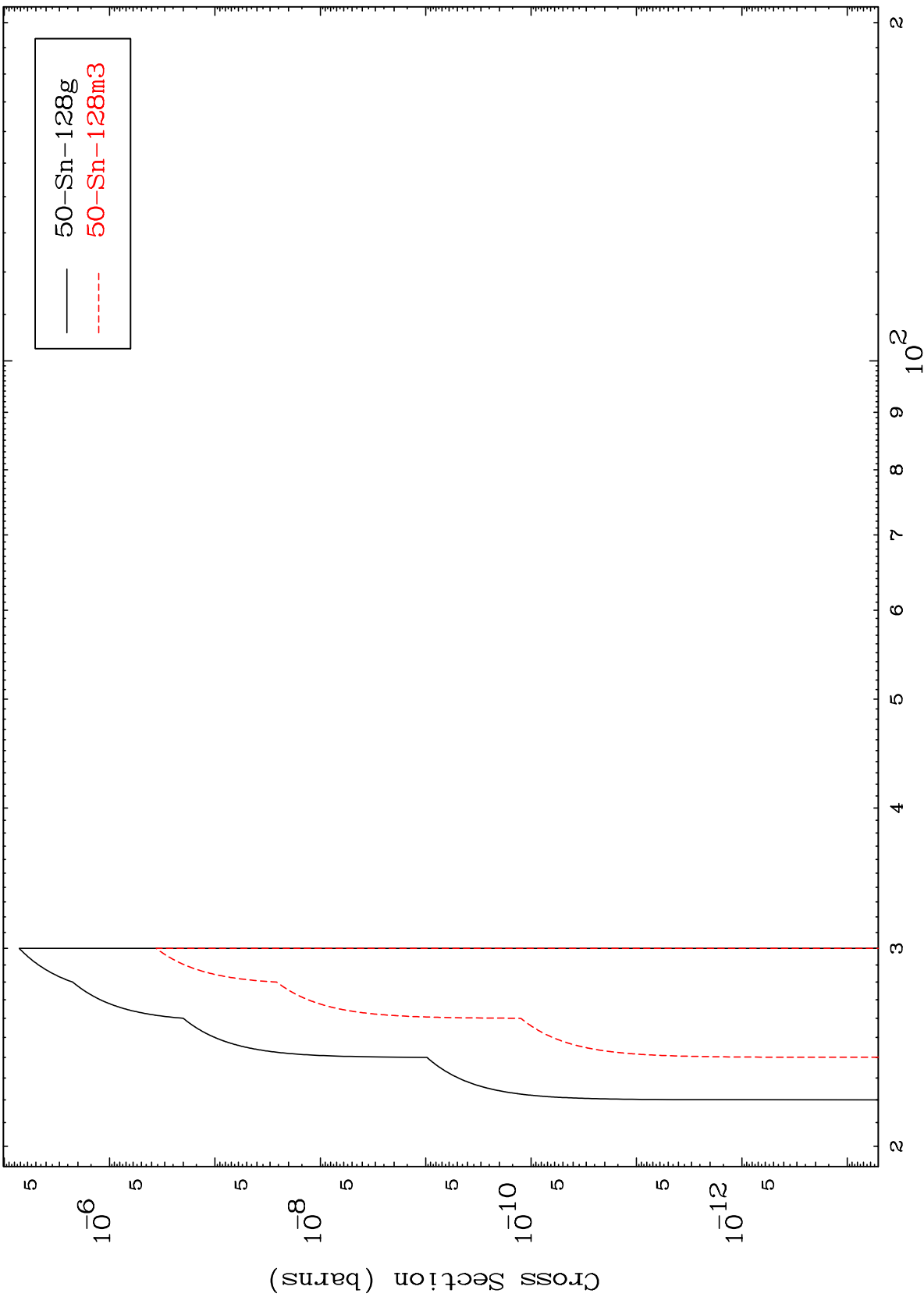
50-Sn-129g
50-Sn-129m1

MAT 5155

(n,n') d

51-Sb-131

Radionuclide Production Cross Section

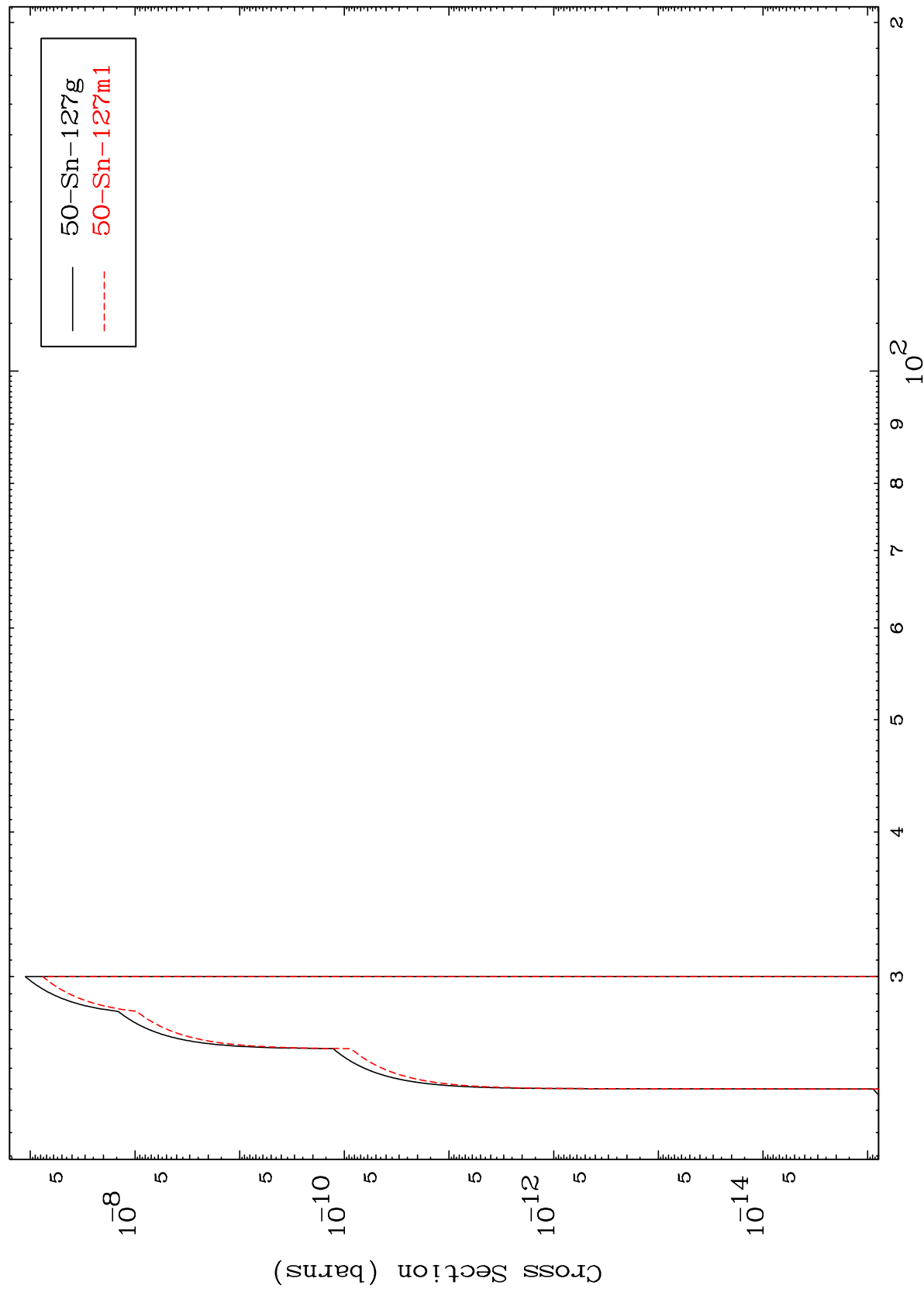


15

Incident Energy (MeV)

51-Sb-131

Radionuclide Production Cross Section

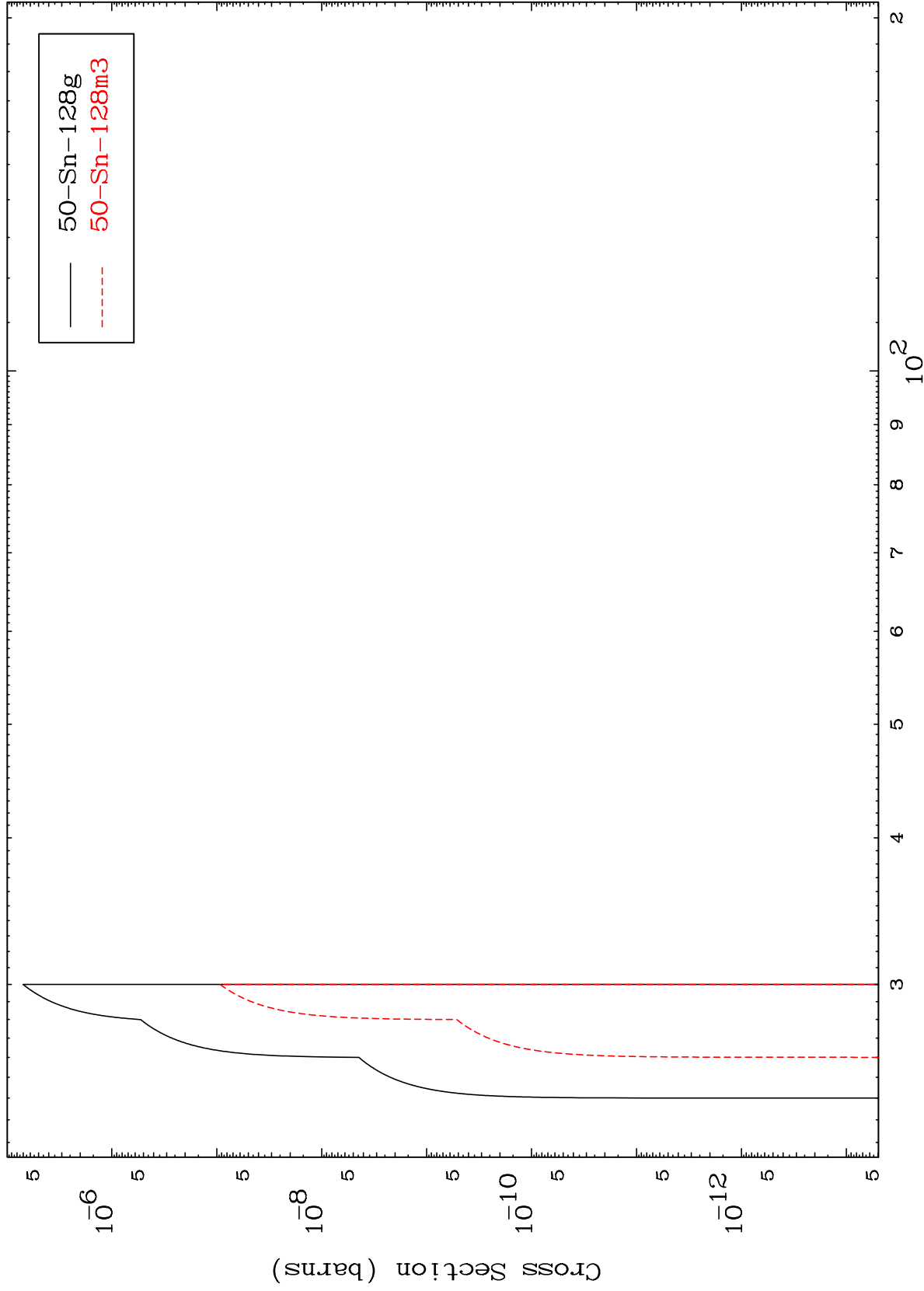


MAT 5155

51-Sb-131

(n,2n) p

Radionuclide Production Cross Section



17

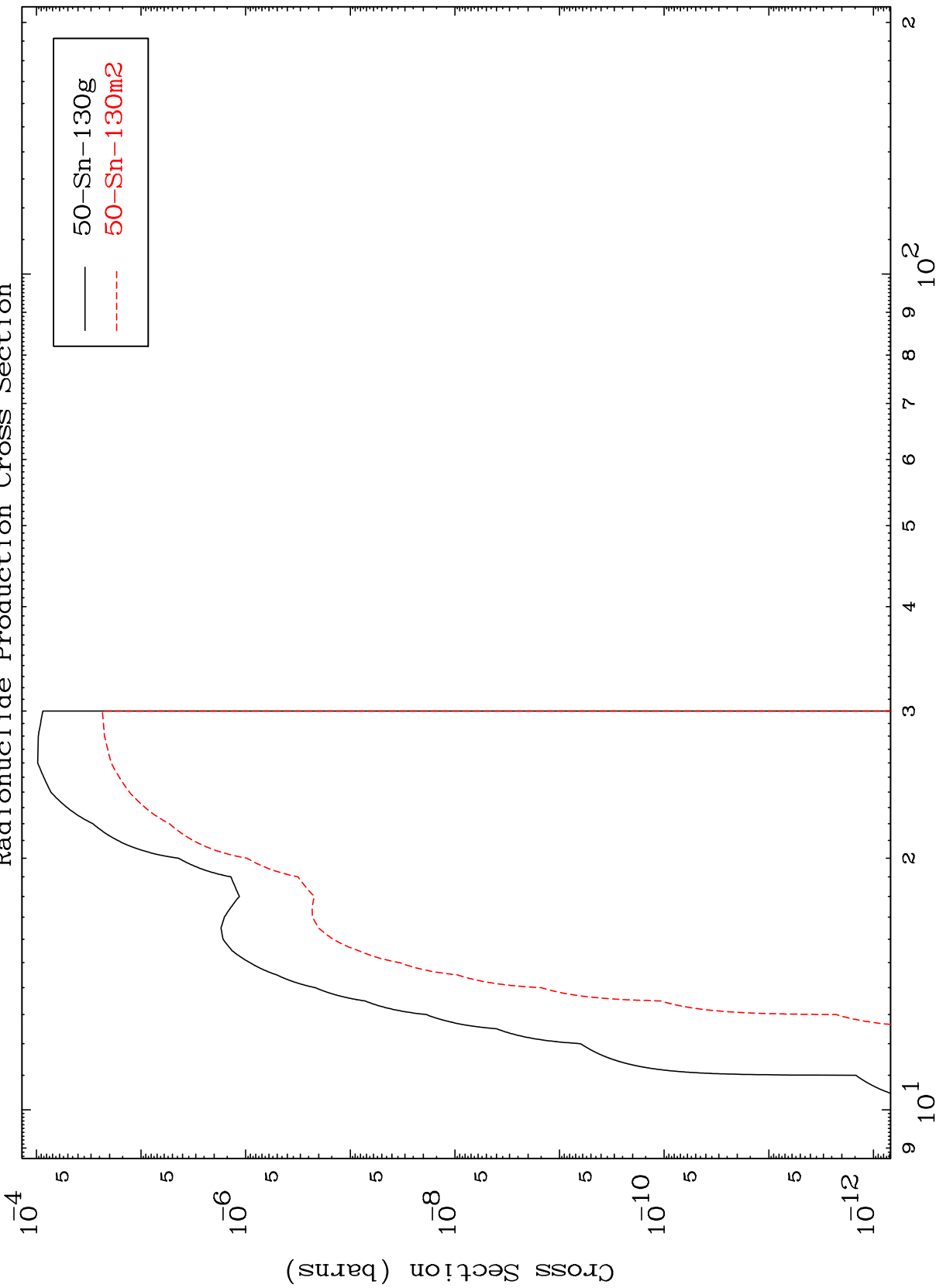
51-Sb-131

Incident Energy (MeV)

MAT 5155

51-Sb-131

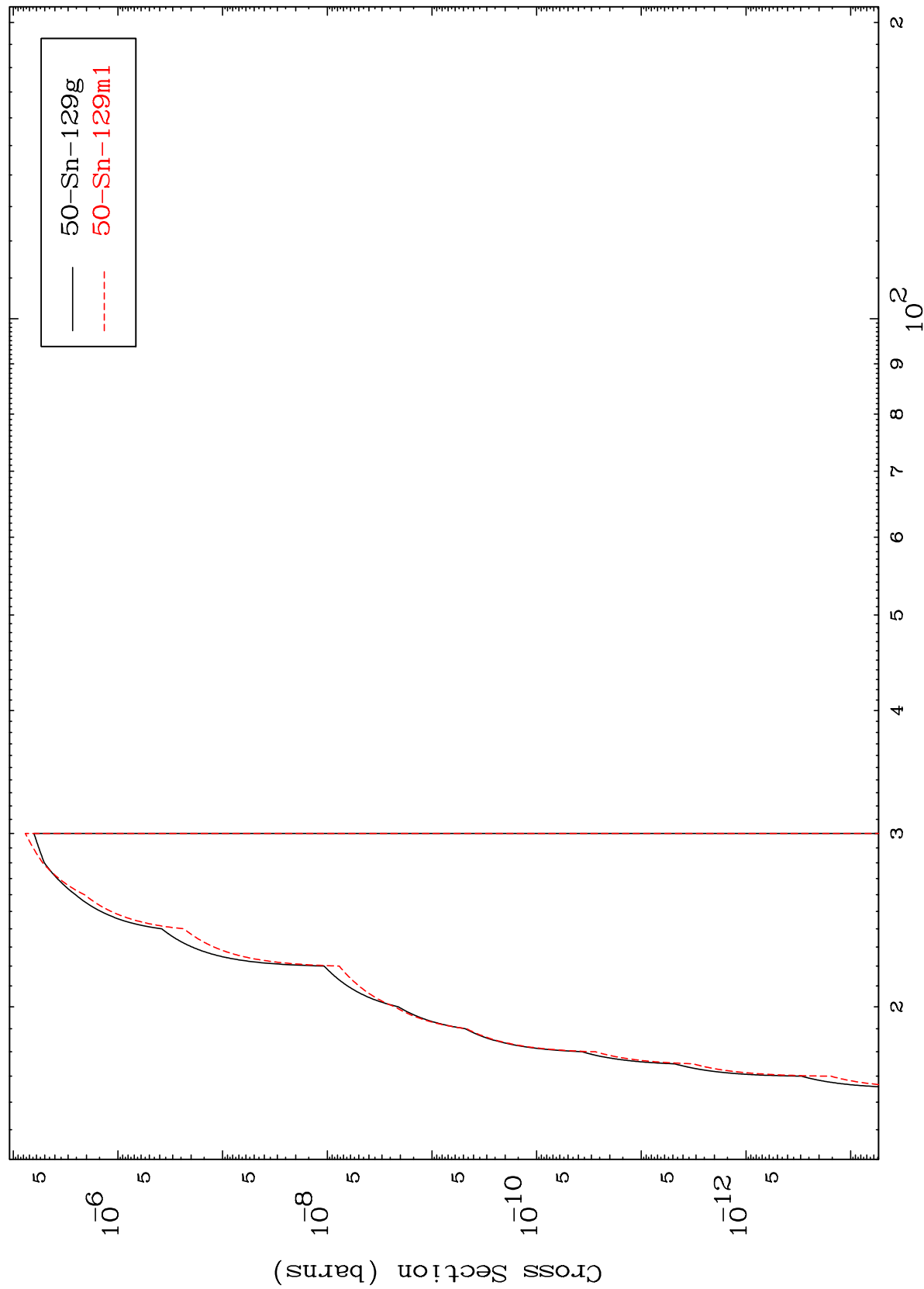
(n,p)
Radionuclide Production Cross Section



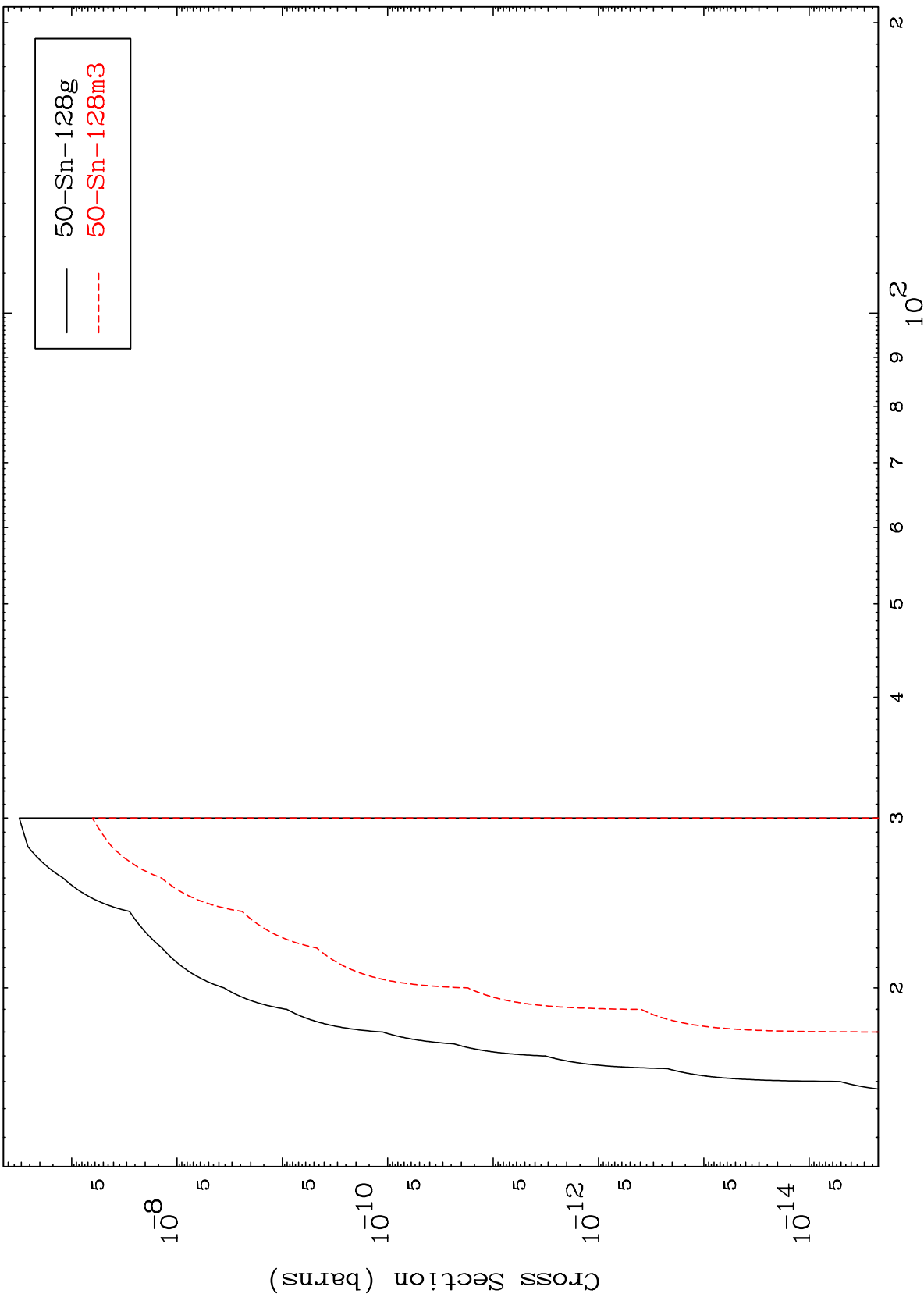
51-Sb-131

Incident Energy (MeV)

(n,d)
Radionuclide Production Cross Section



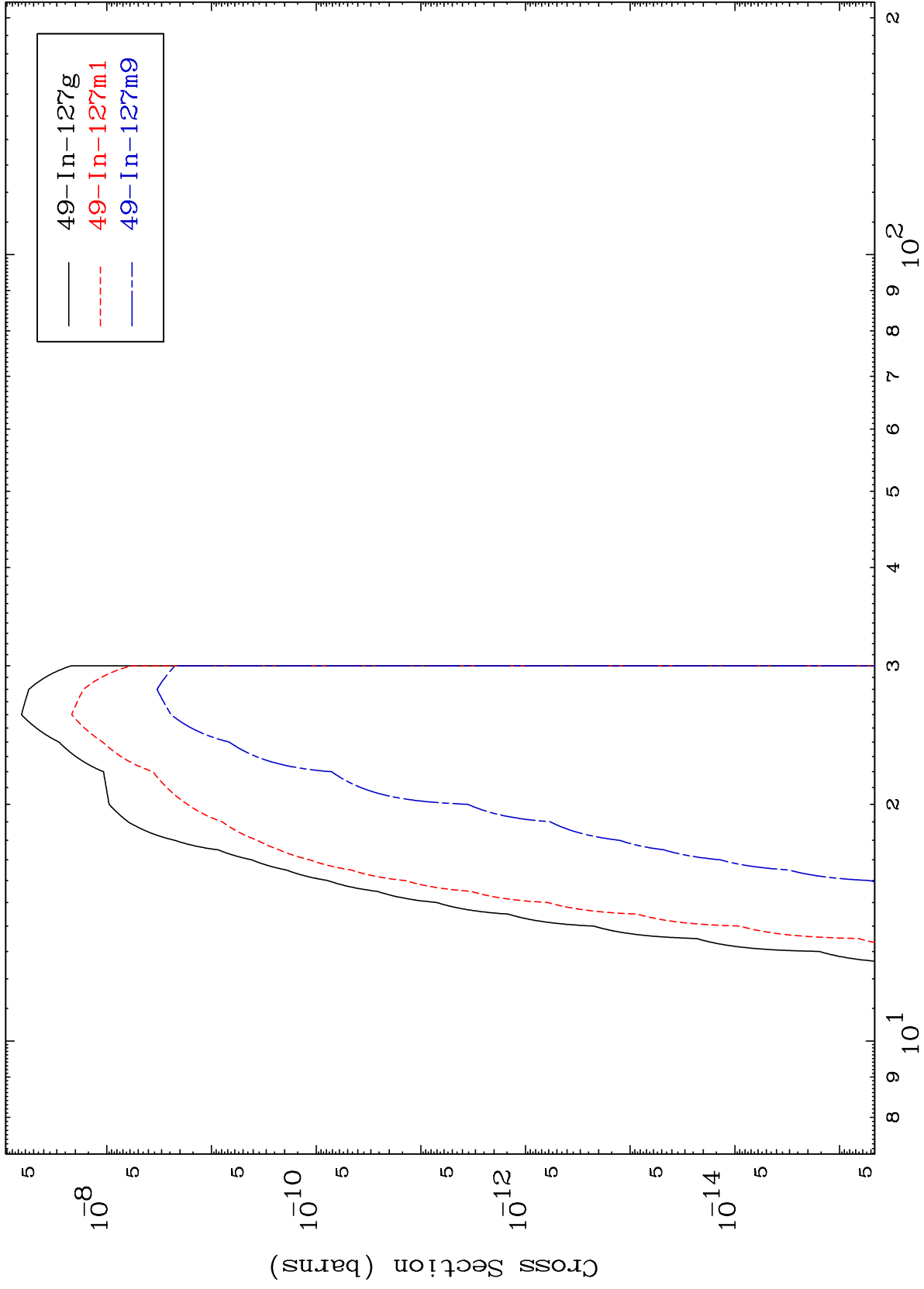
(n,t)
Radionuclide Production Cross Section



MAT 5155

51-Sb-131

(n,α)
Radionuclide Production Cross Section



51-Sb-131

Incident Energy (MeV)

21