

Program EVALPLOT
(Version 2018-1)

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

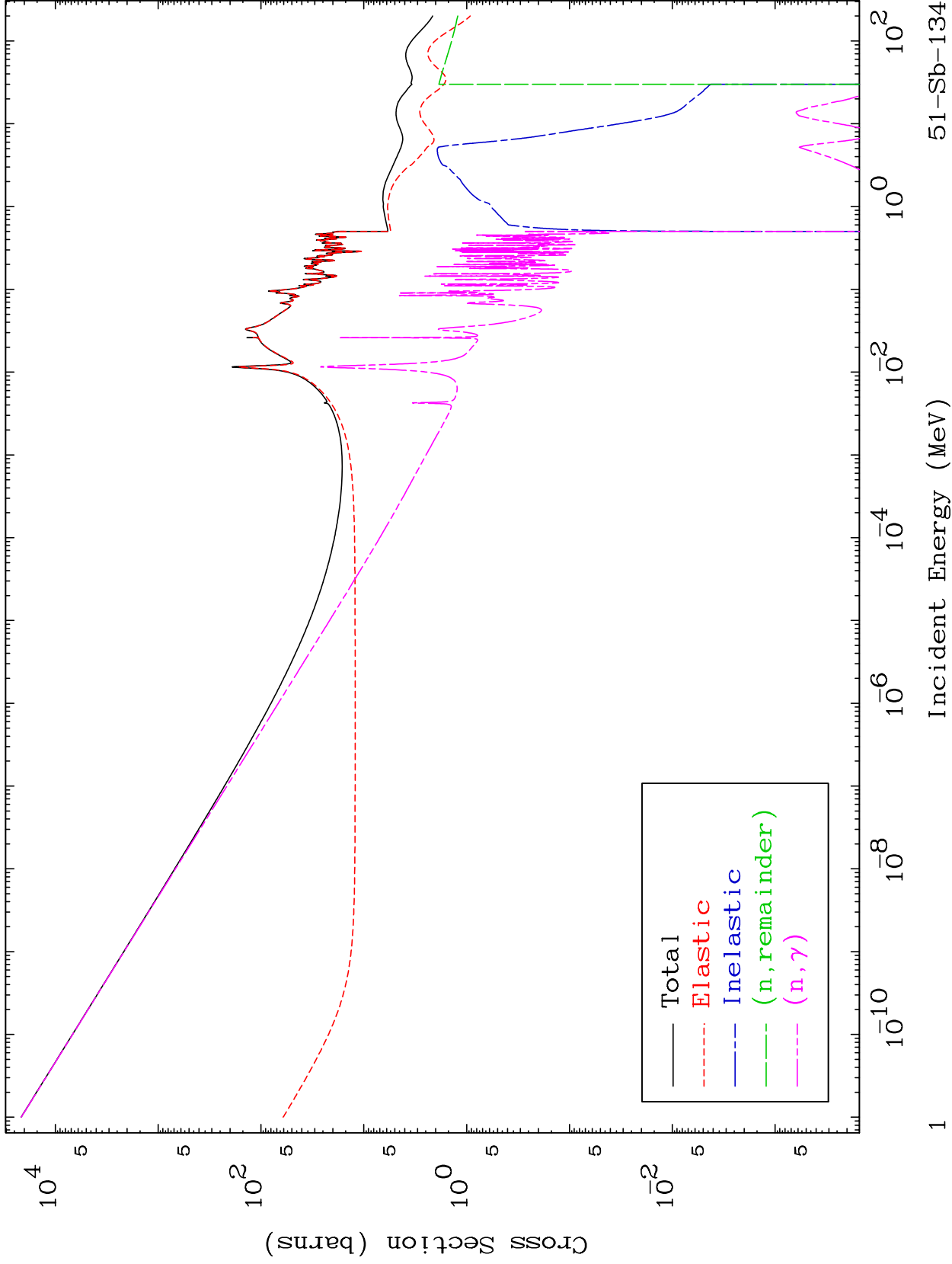
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5165

Major
293 Kelvin Cross Sections

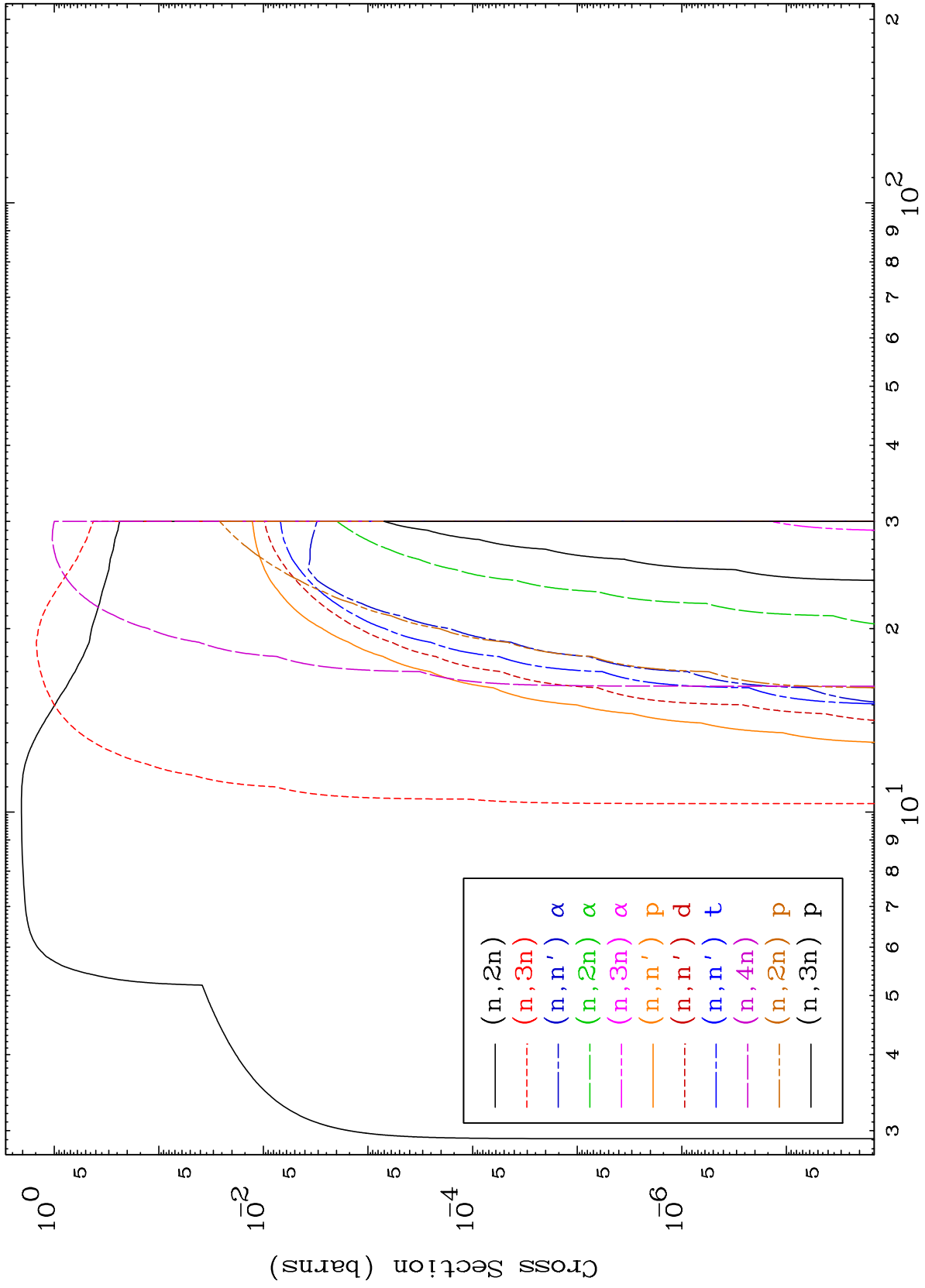
51-Sb-134

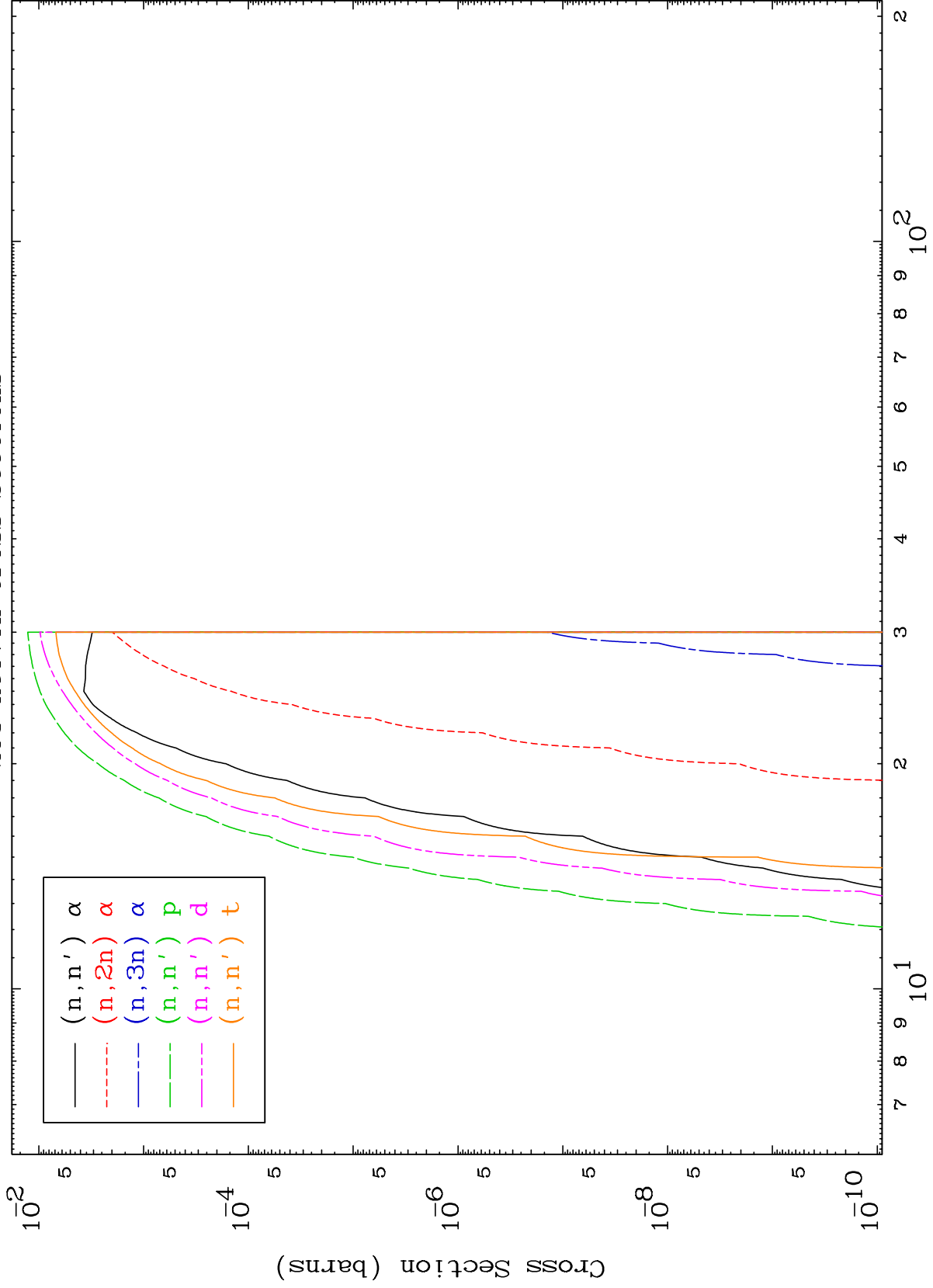


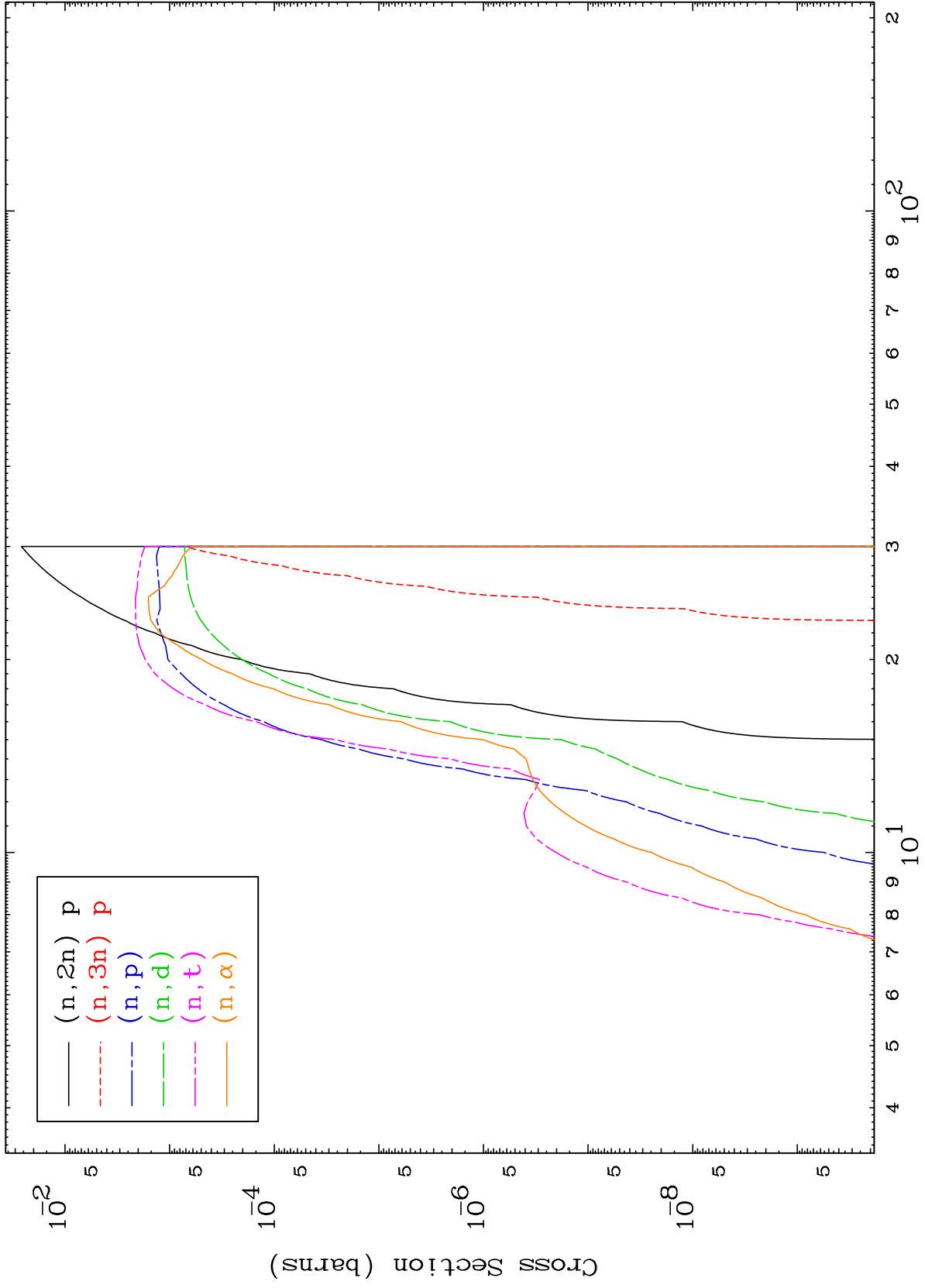
MAT 5165

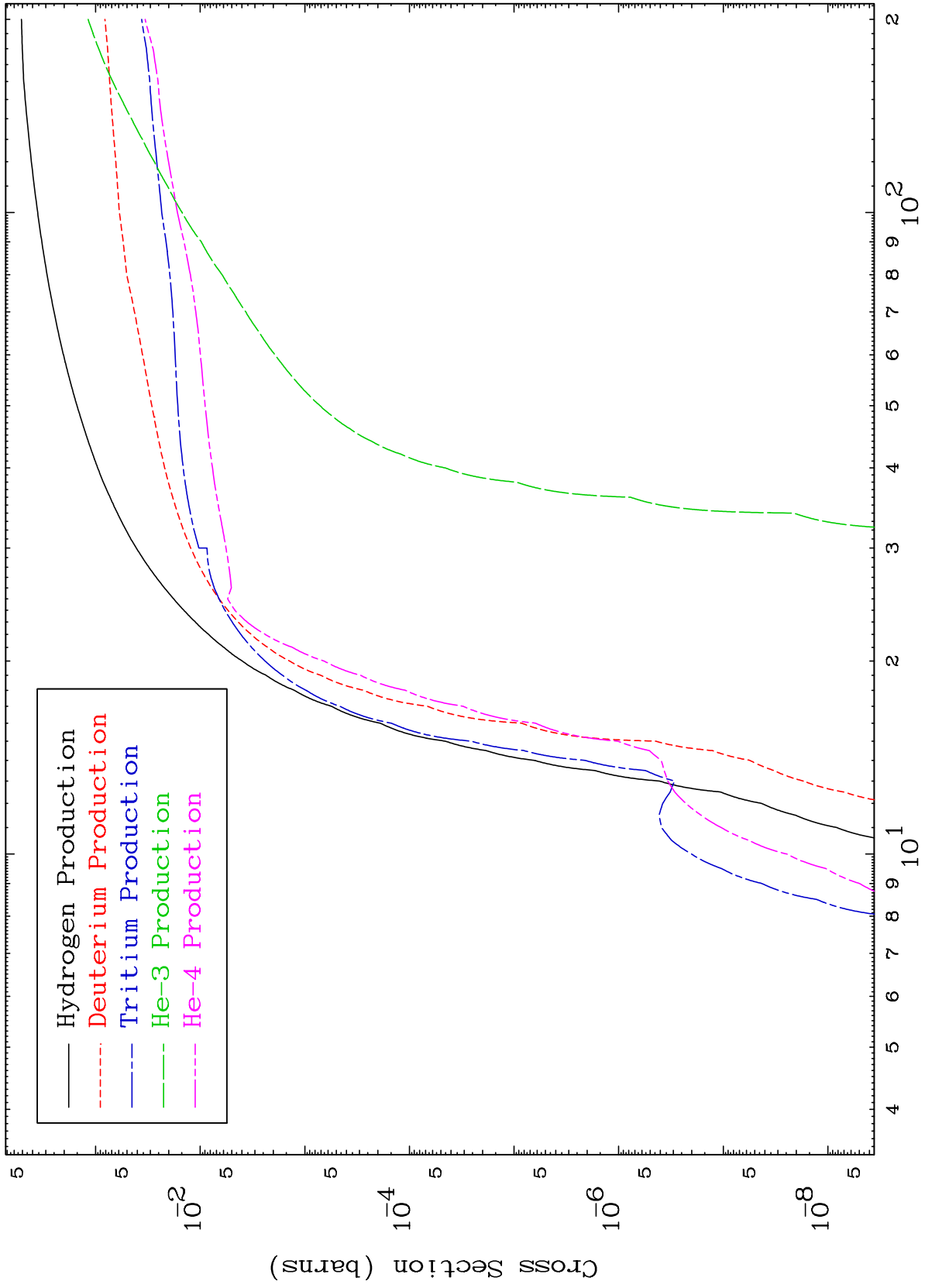
Neutron Production
293 Kelvin Cross Sections

51-Sb-134







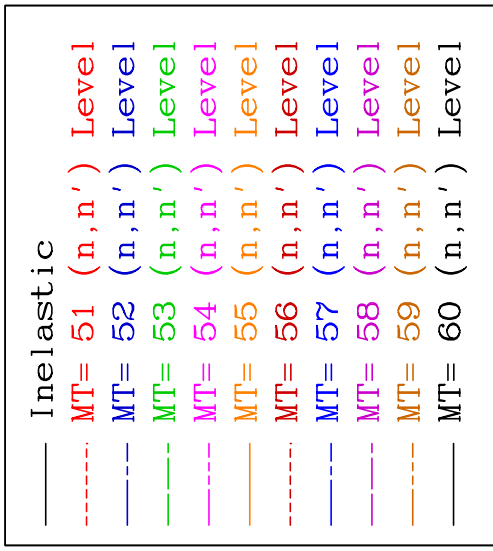
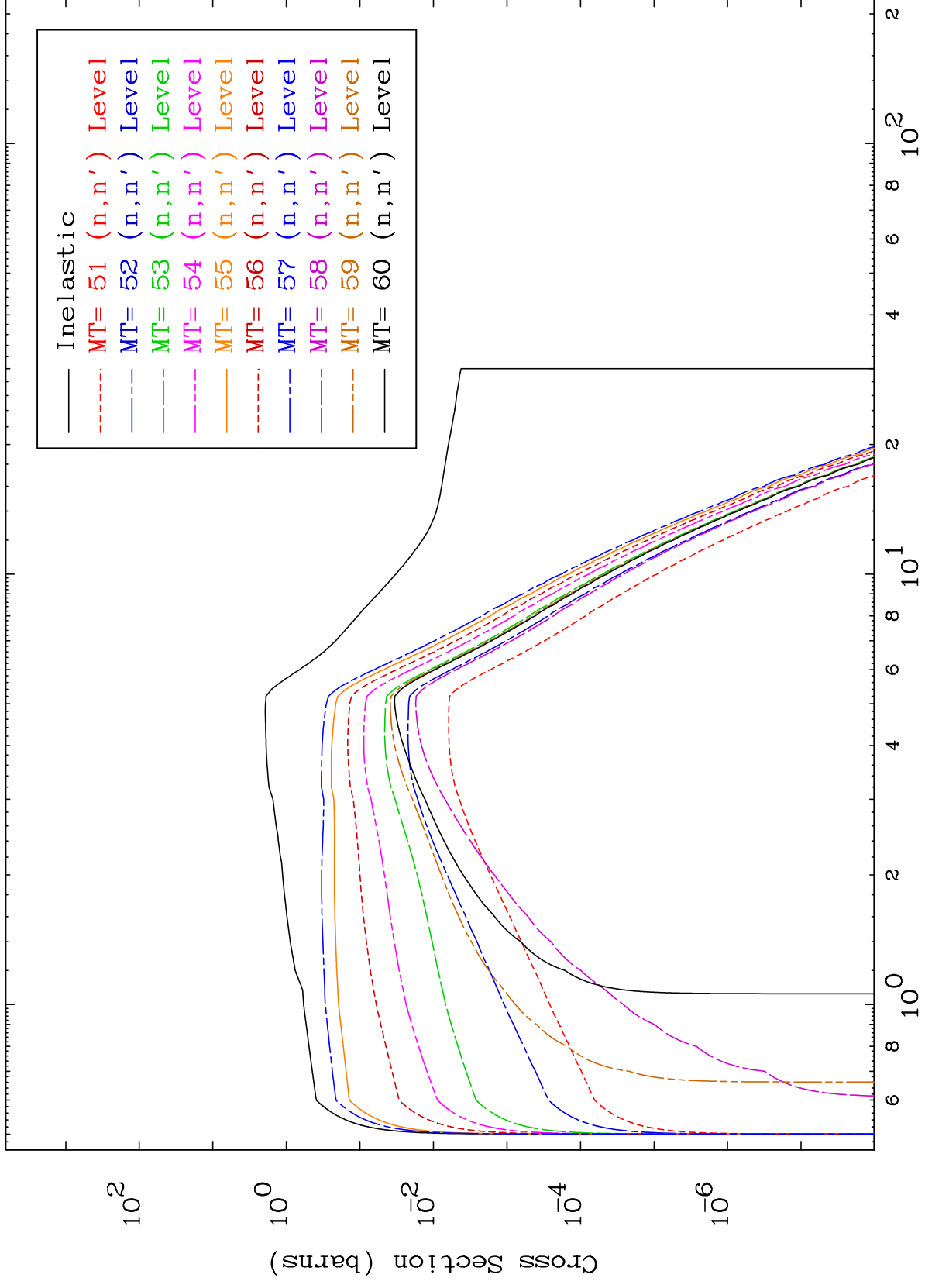


MAT 5165

(n,n') Level

51-Sb-134

293 Kelvin Cross Sections



6

Incident Energy (MeV)

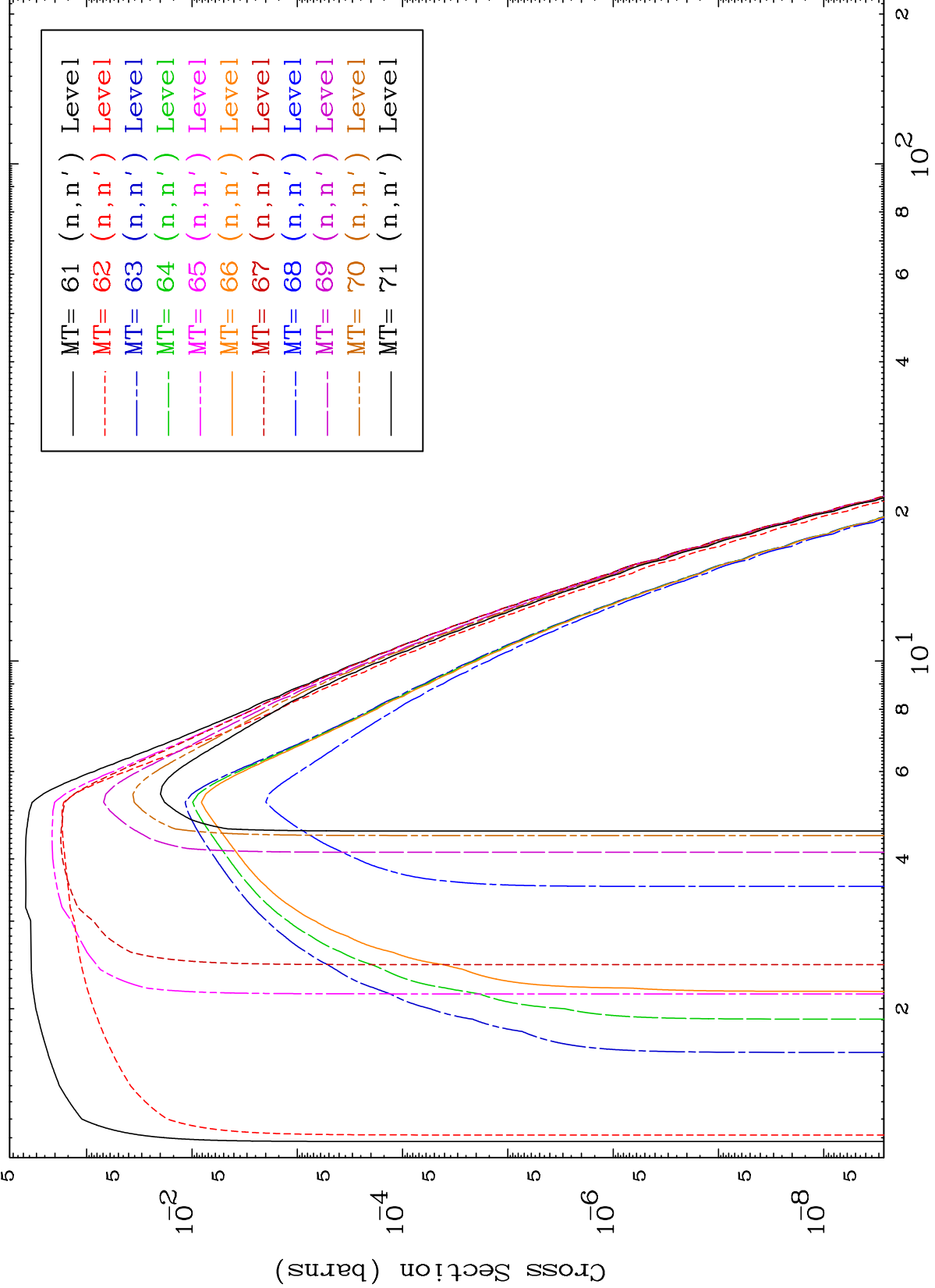
51-Sb-134

MAT 5165

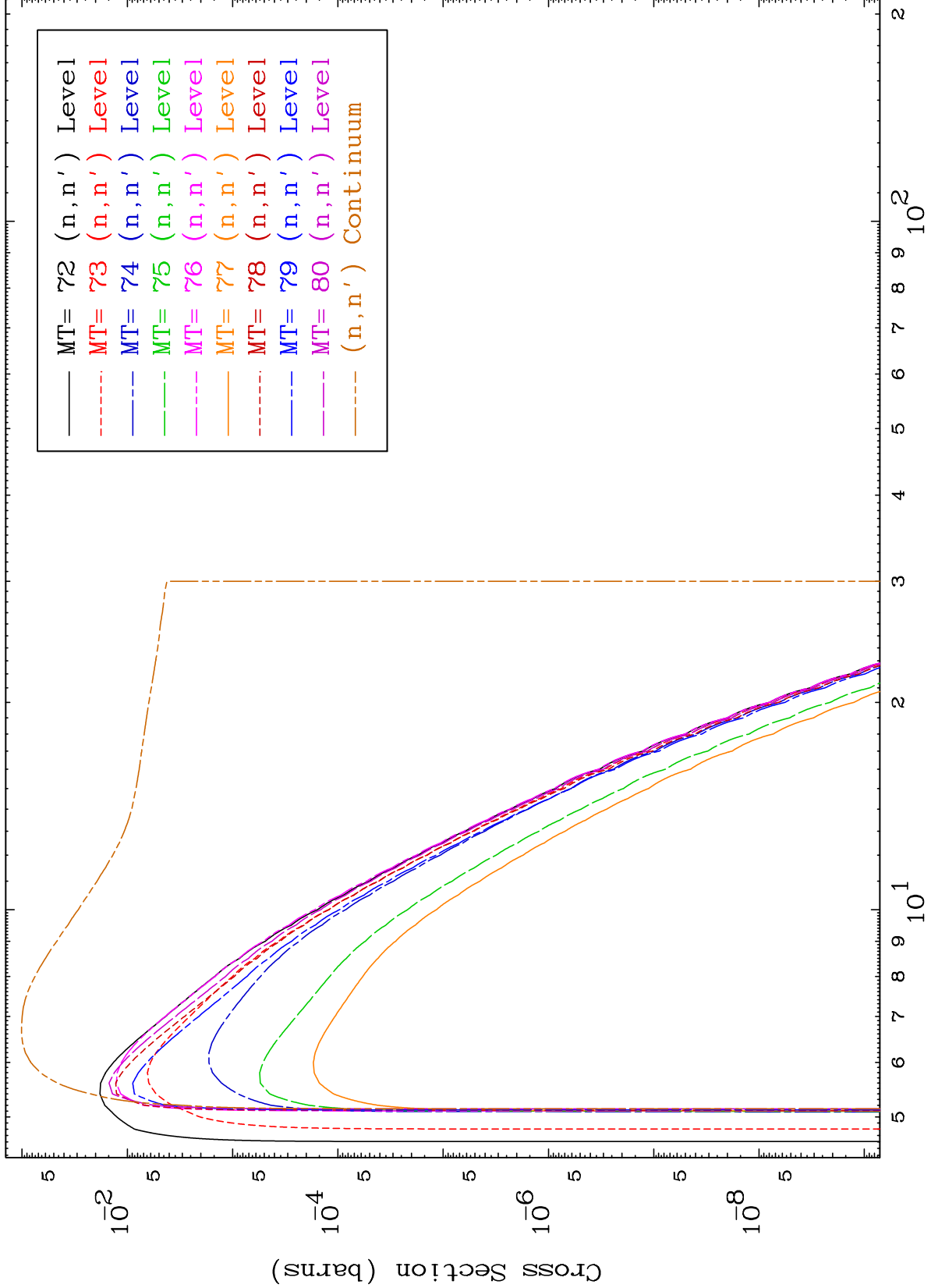
(n,n') Level

51-Sb-134

293 Kelvin Cross Sections



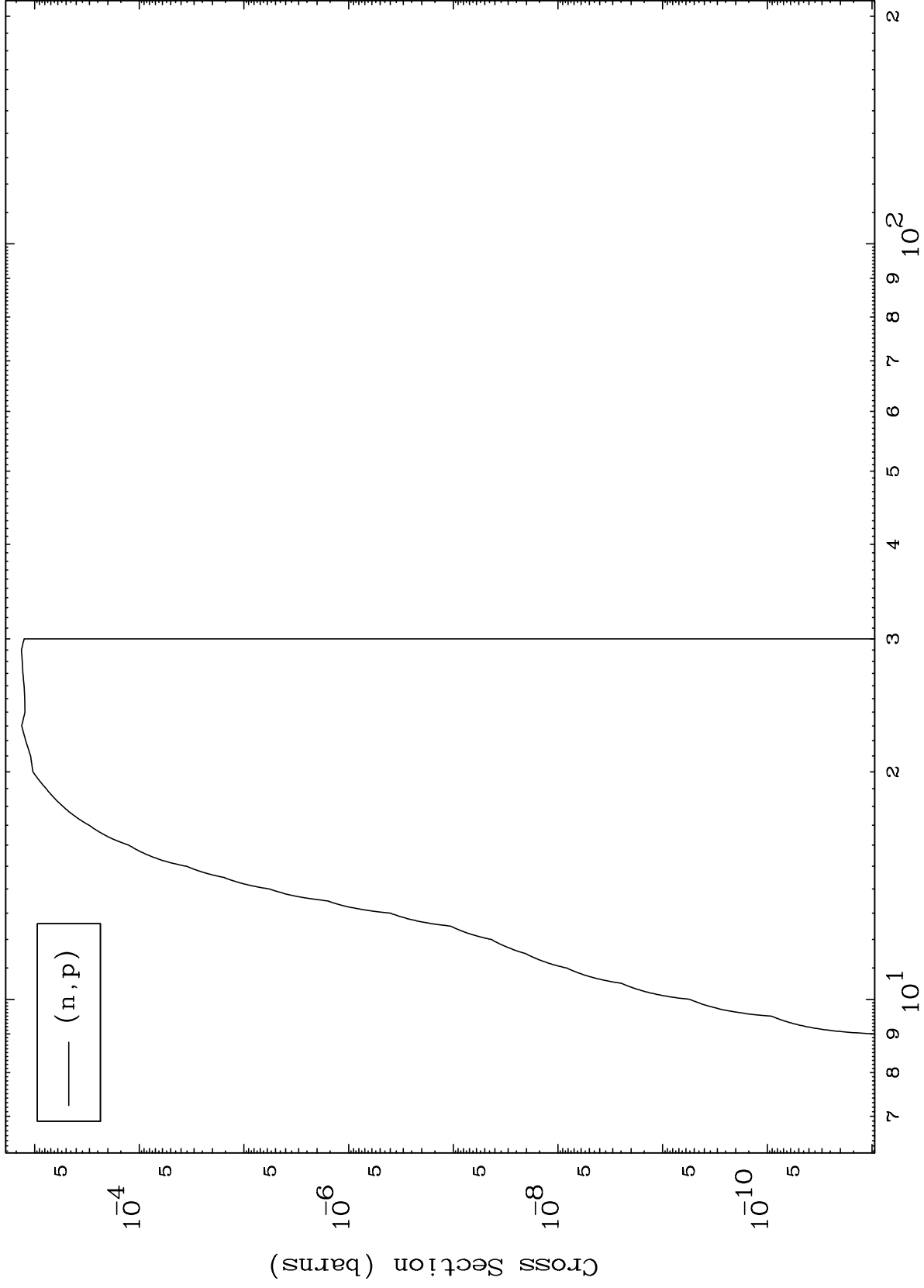
293 Kelvin Cross Sections



MAT 5165

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-134



9

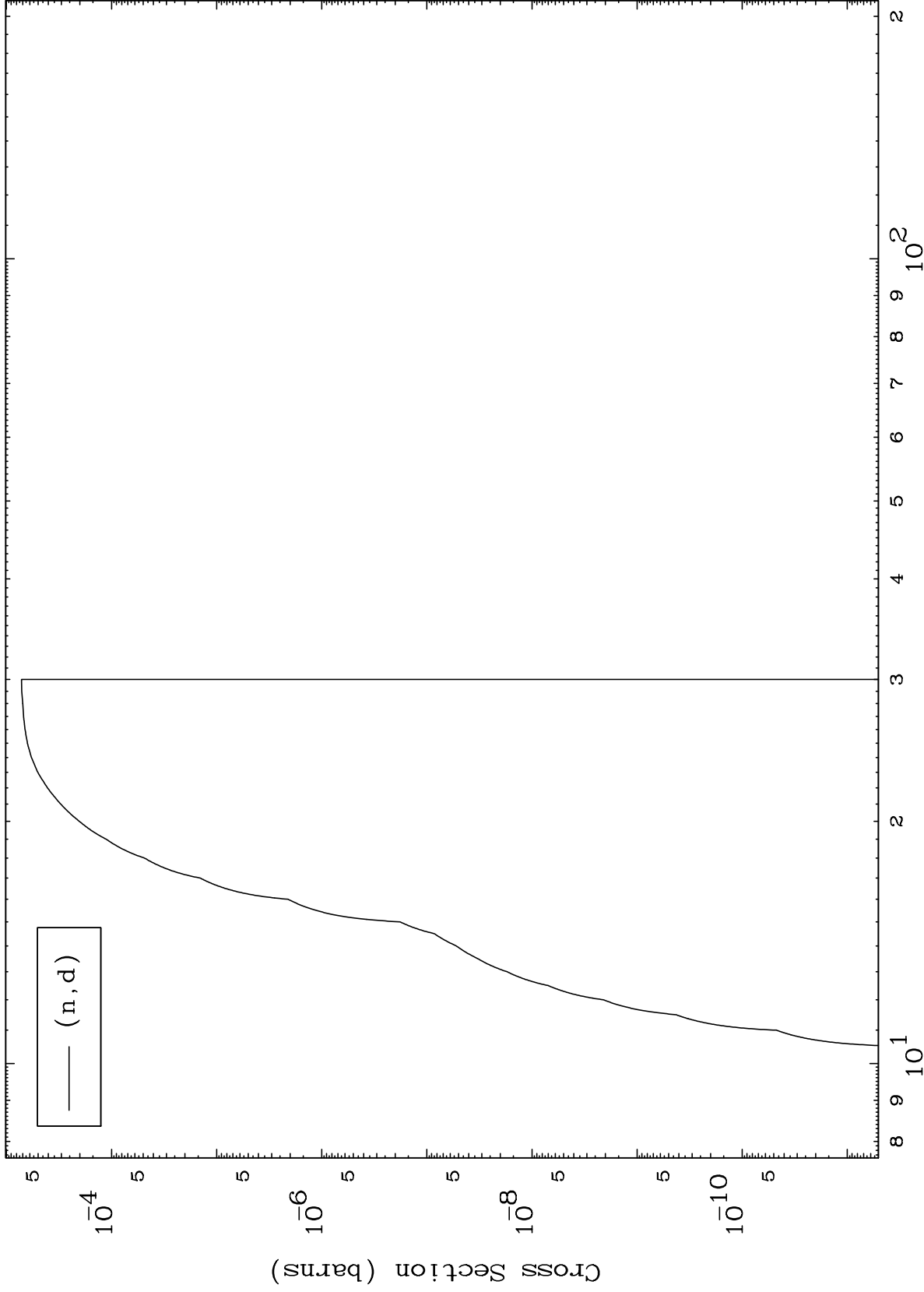
Incident Energy (MeV)

51-Sb-134

MAT 5165

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-134



10

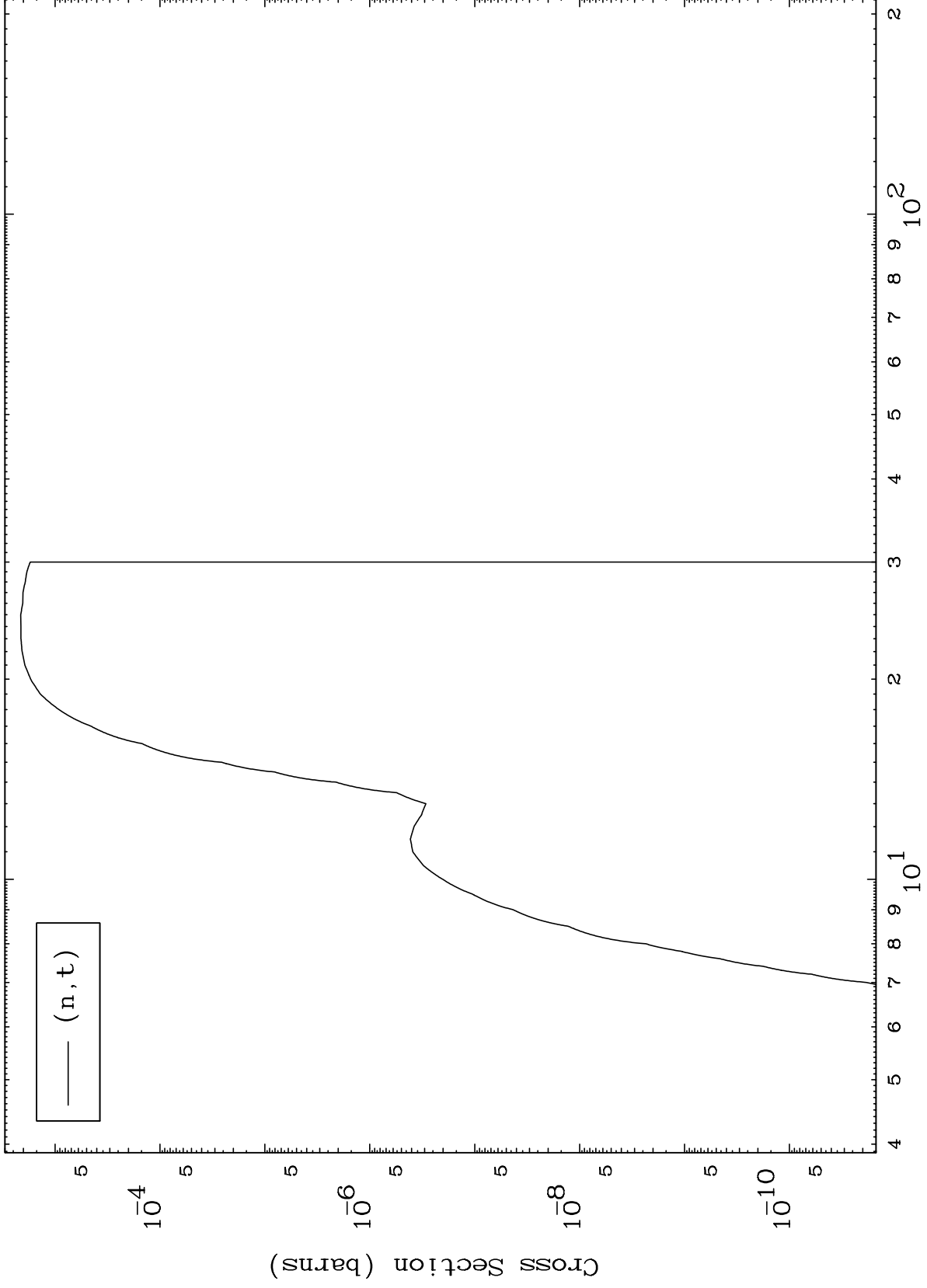
Incident Energy (MeV)

51-Sb-134

MAT 5165

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-134



11

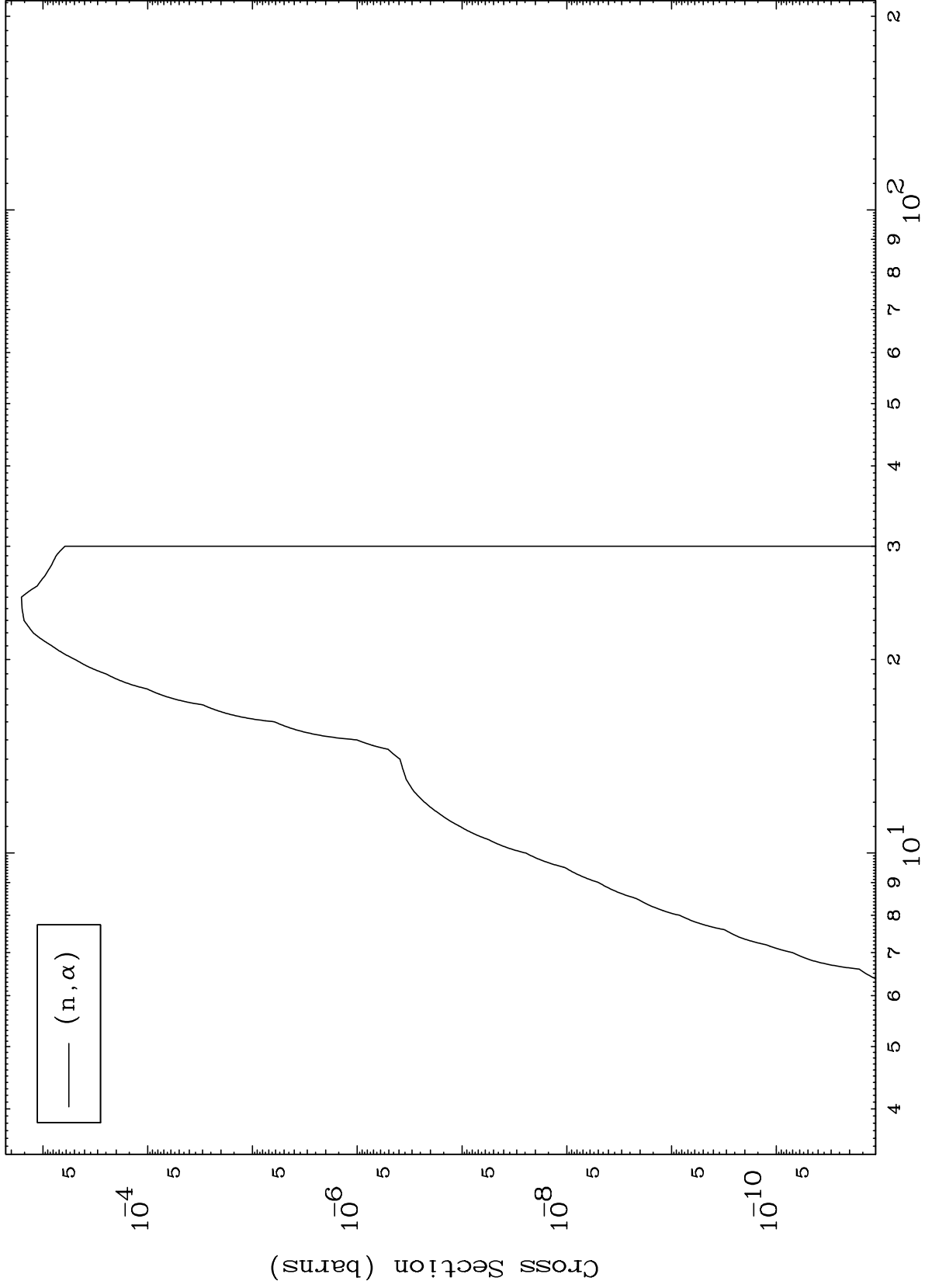
Incident Energy (MeV)

51-Sb-134

MAT 5165

(n, α) Levels
293 Kelvin Cross Sections

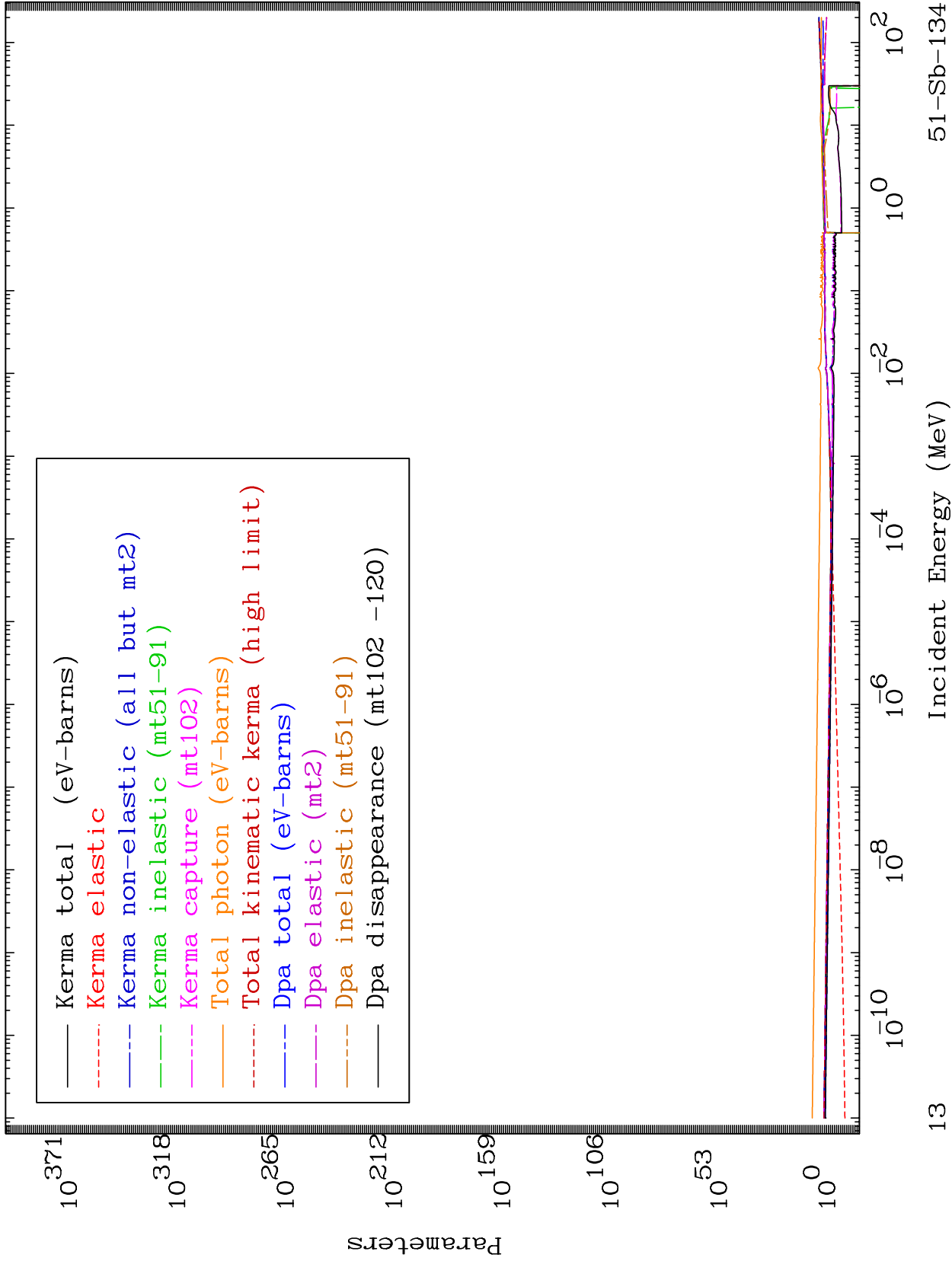
51-Sb-134

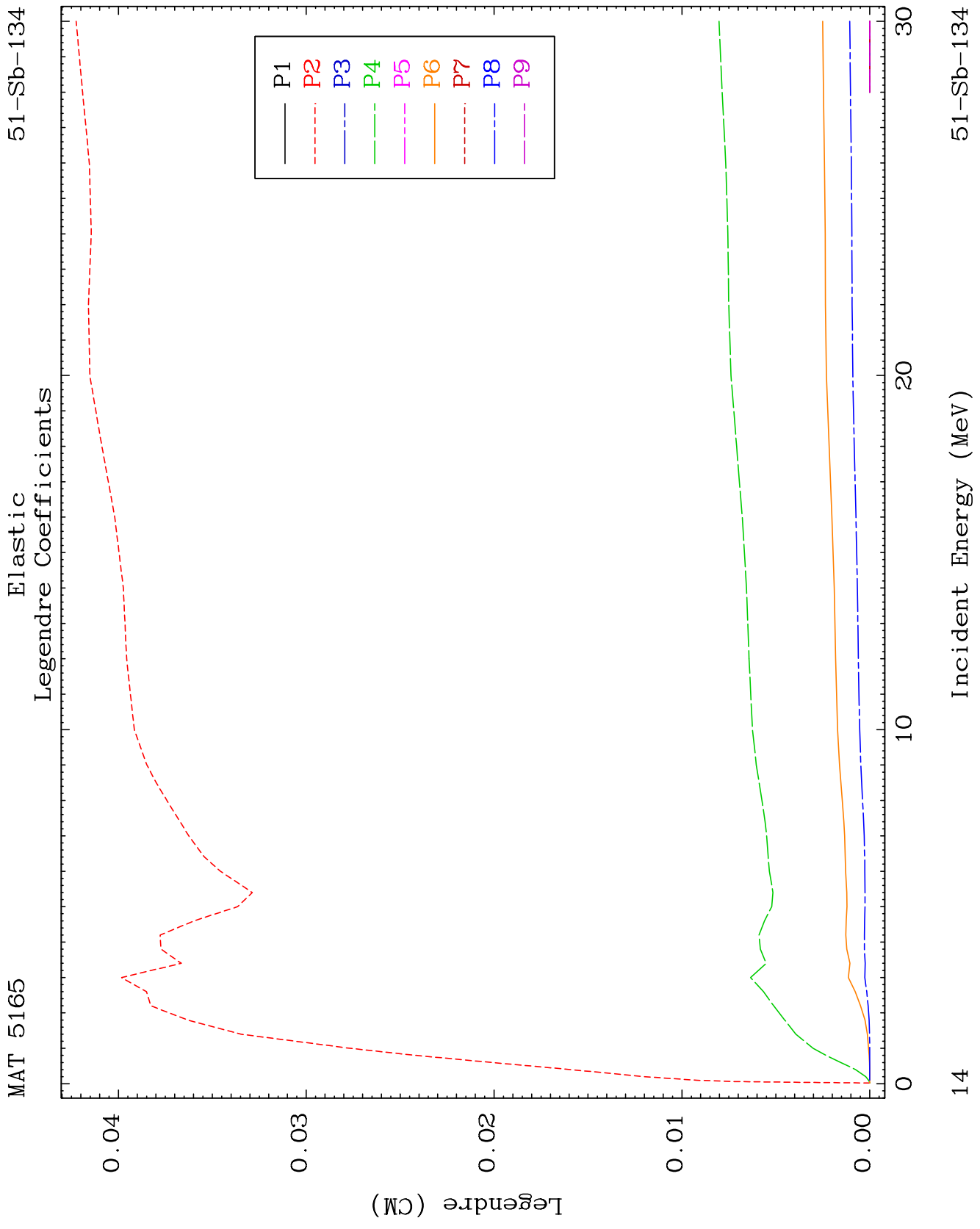


12

Incident Energy (MeV)

51-Sb-134

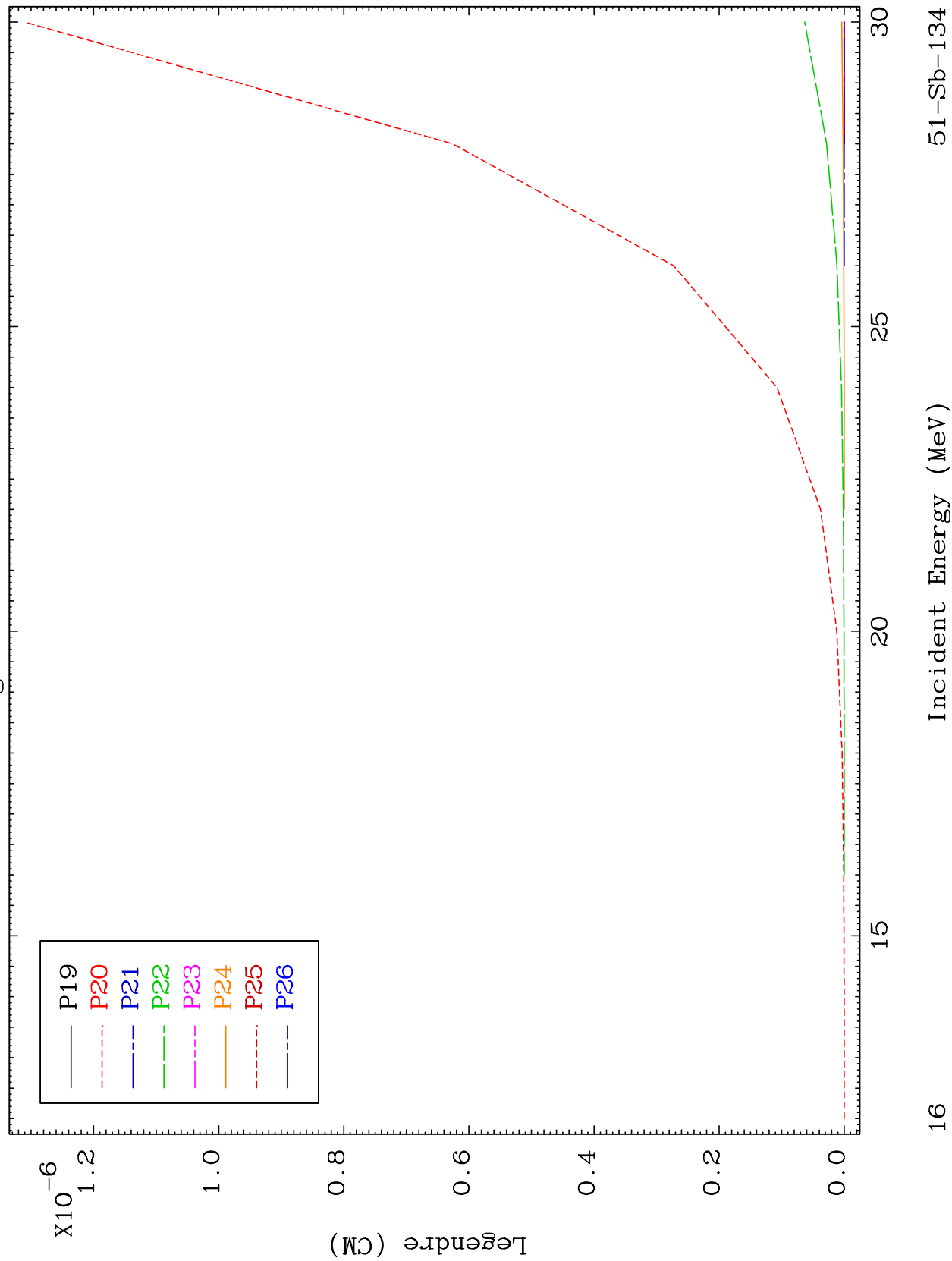




MAT 5165

Elastic Legendre Coefficients

51-Sb-134



16

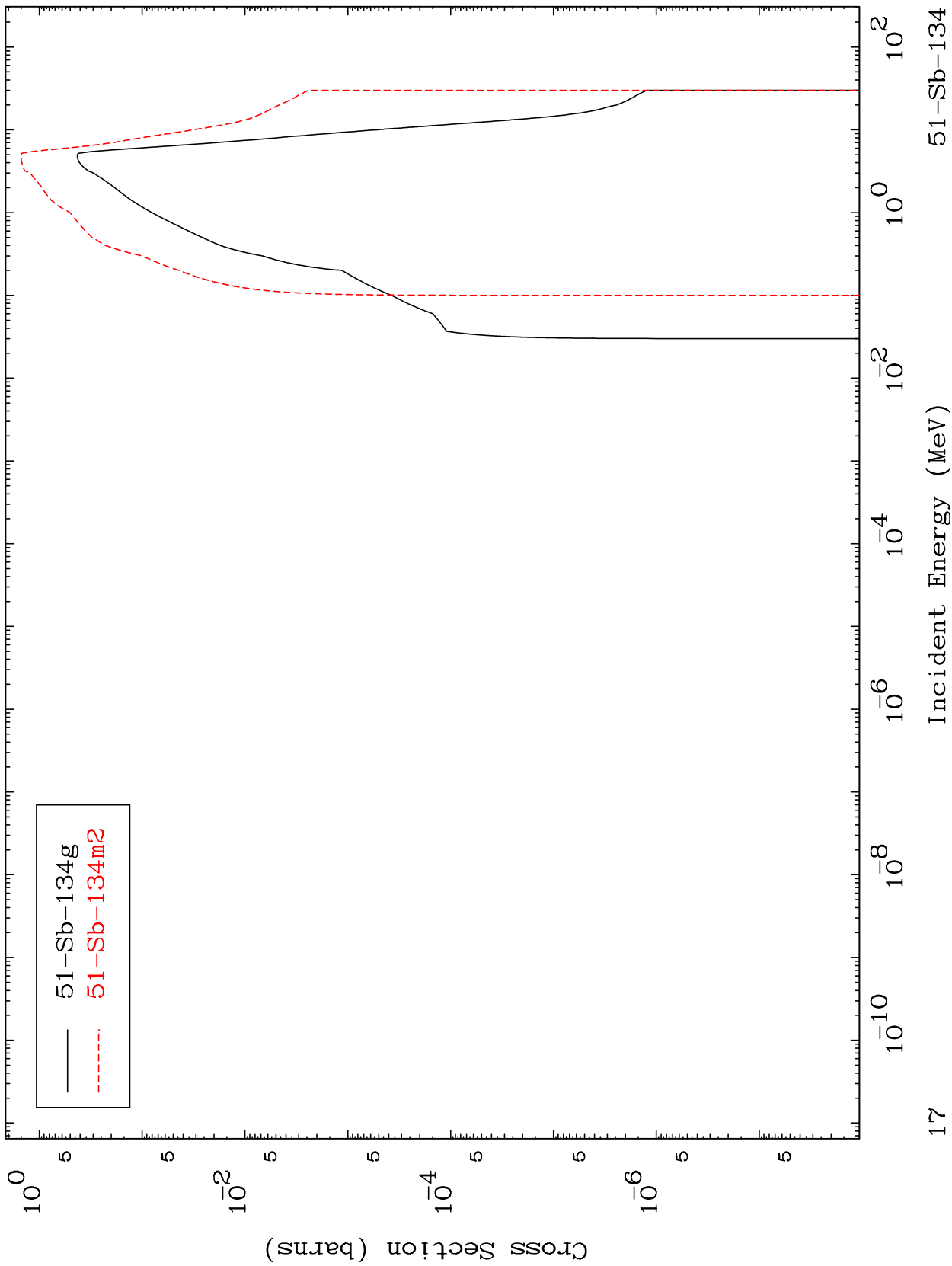
Incident Energy (MeV)

51-Sb-134

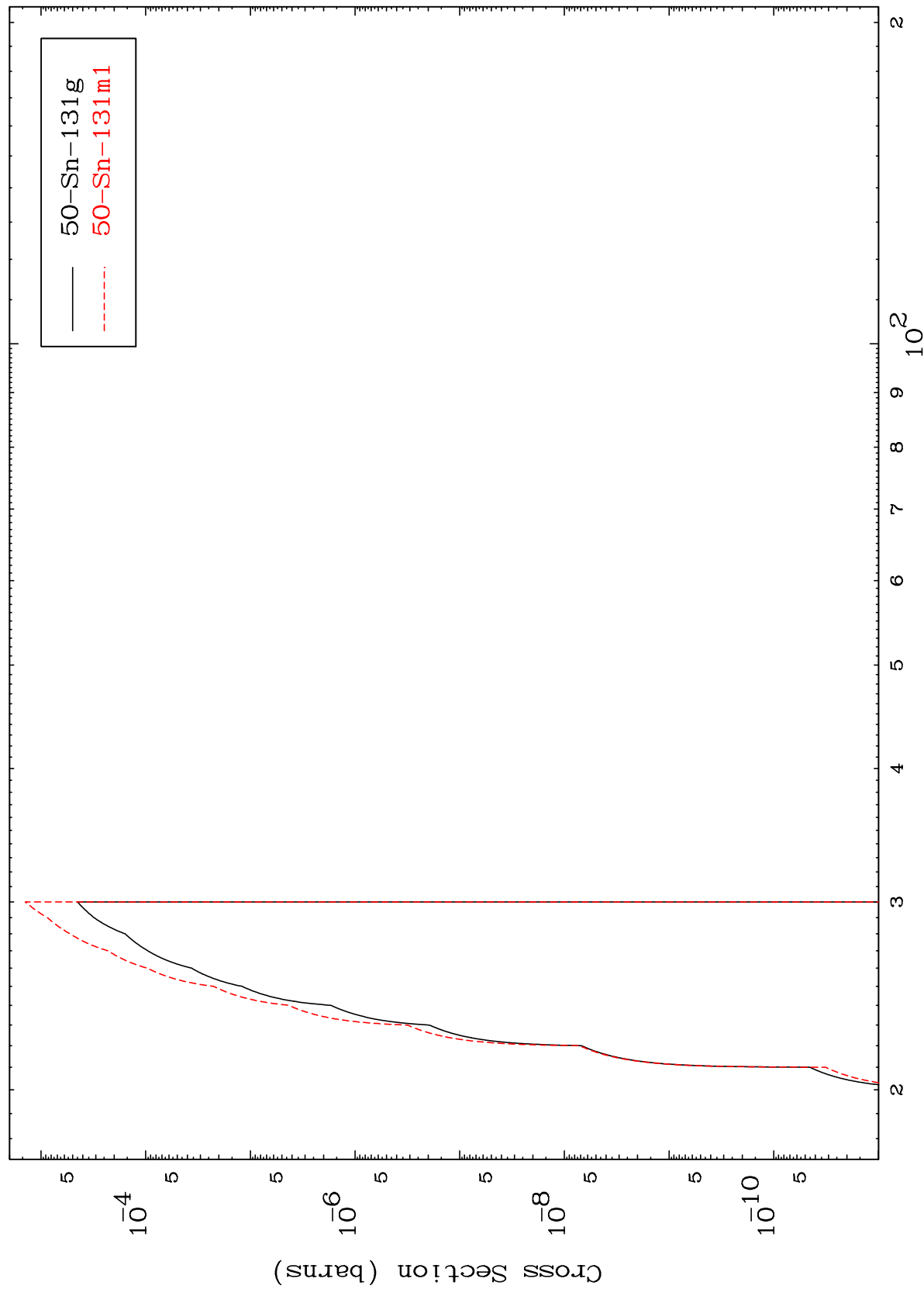
MAT 5165

51-Sb-134

Inelastic
Radionuclide Production Cross Section



Radionuclide Production Cross Section

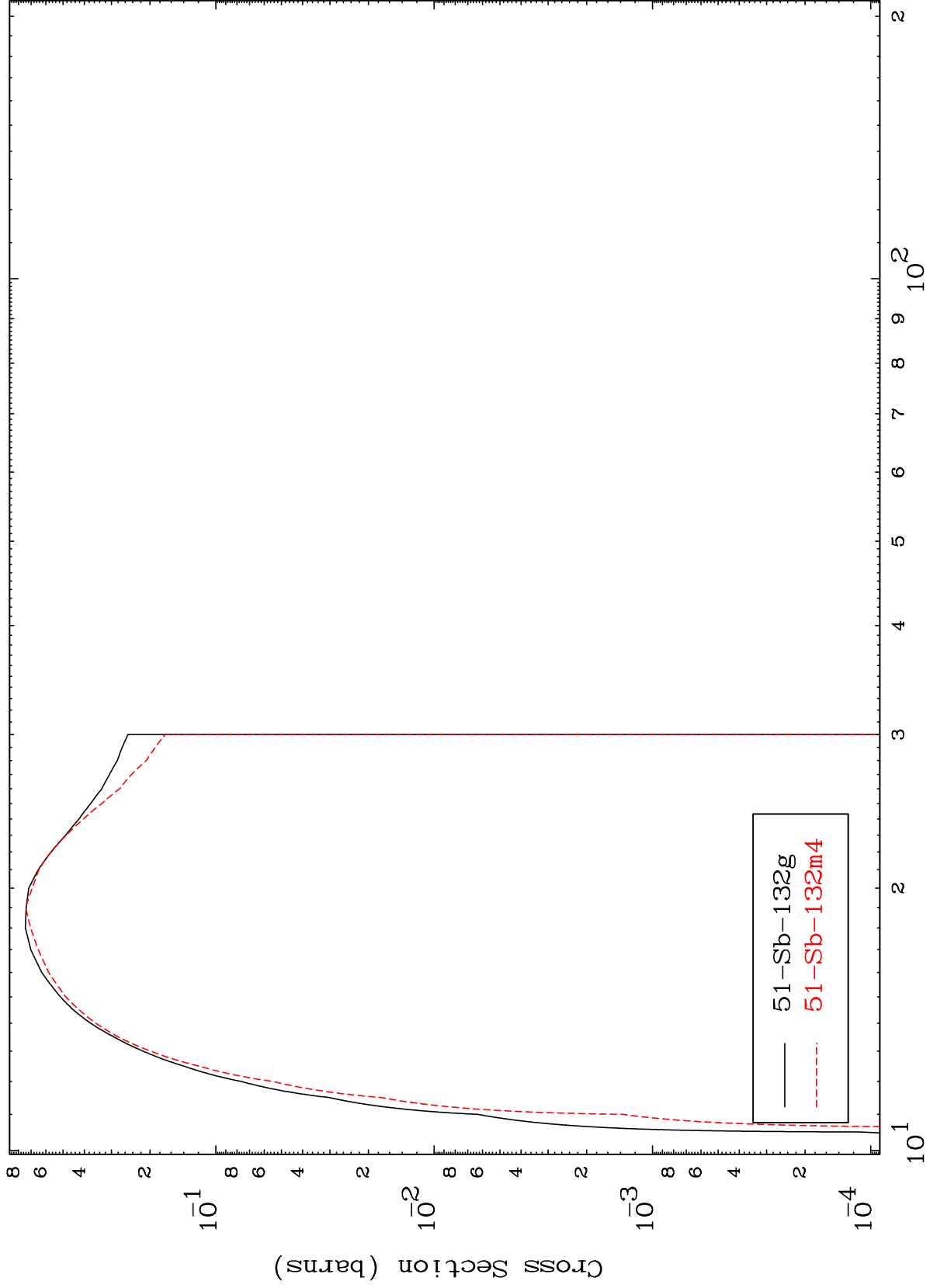


MAT 5165

(n,3n)

51-Sb-134

Radionuclide Production Cross Section



Incident Energy (MeV)

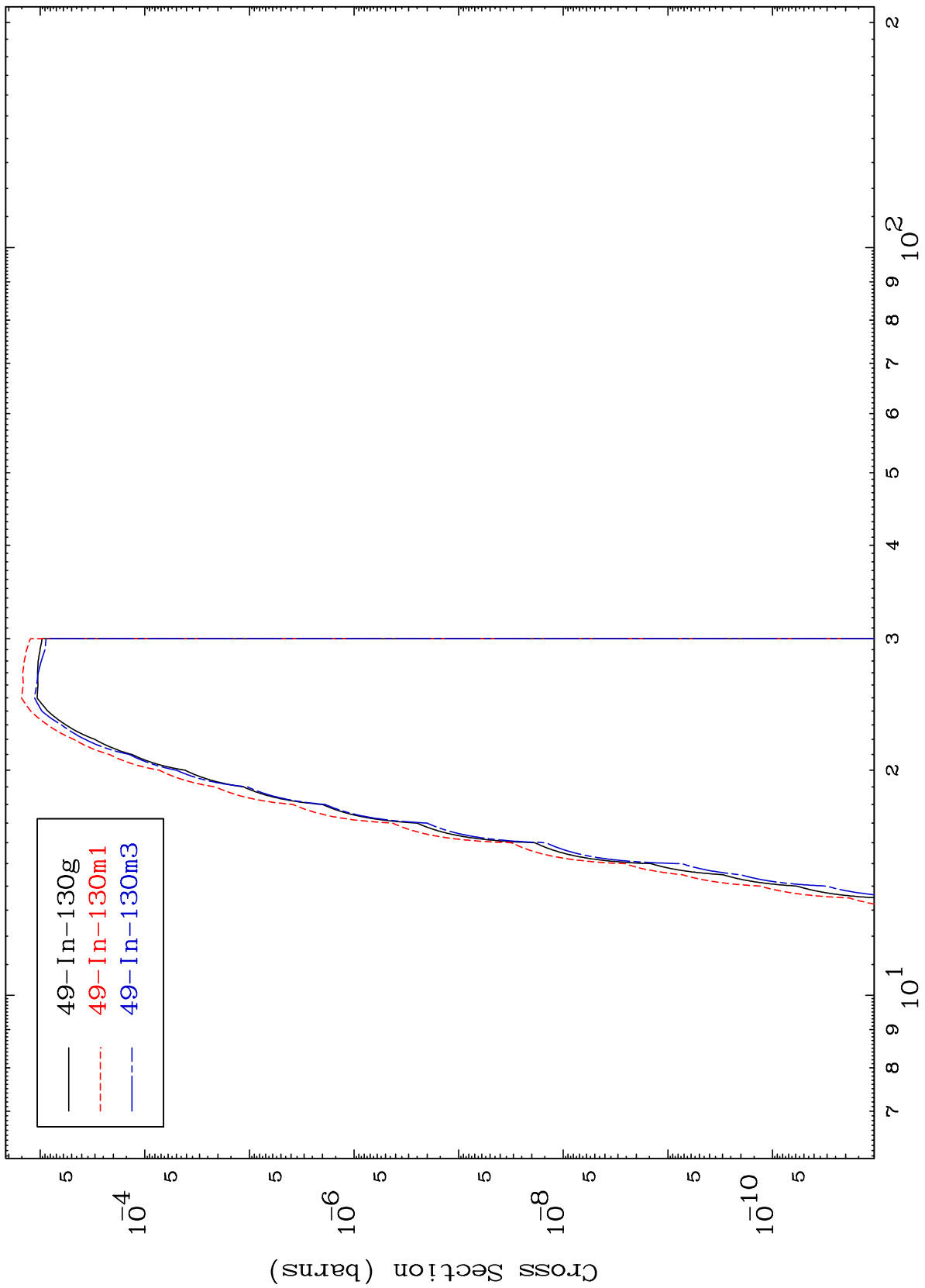
51-Sb-134

19

MAT 5165

51-Sb-134

$(n, n') \alpha$
Radionuclide Production Cross Section



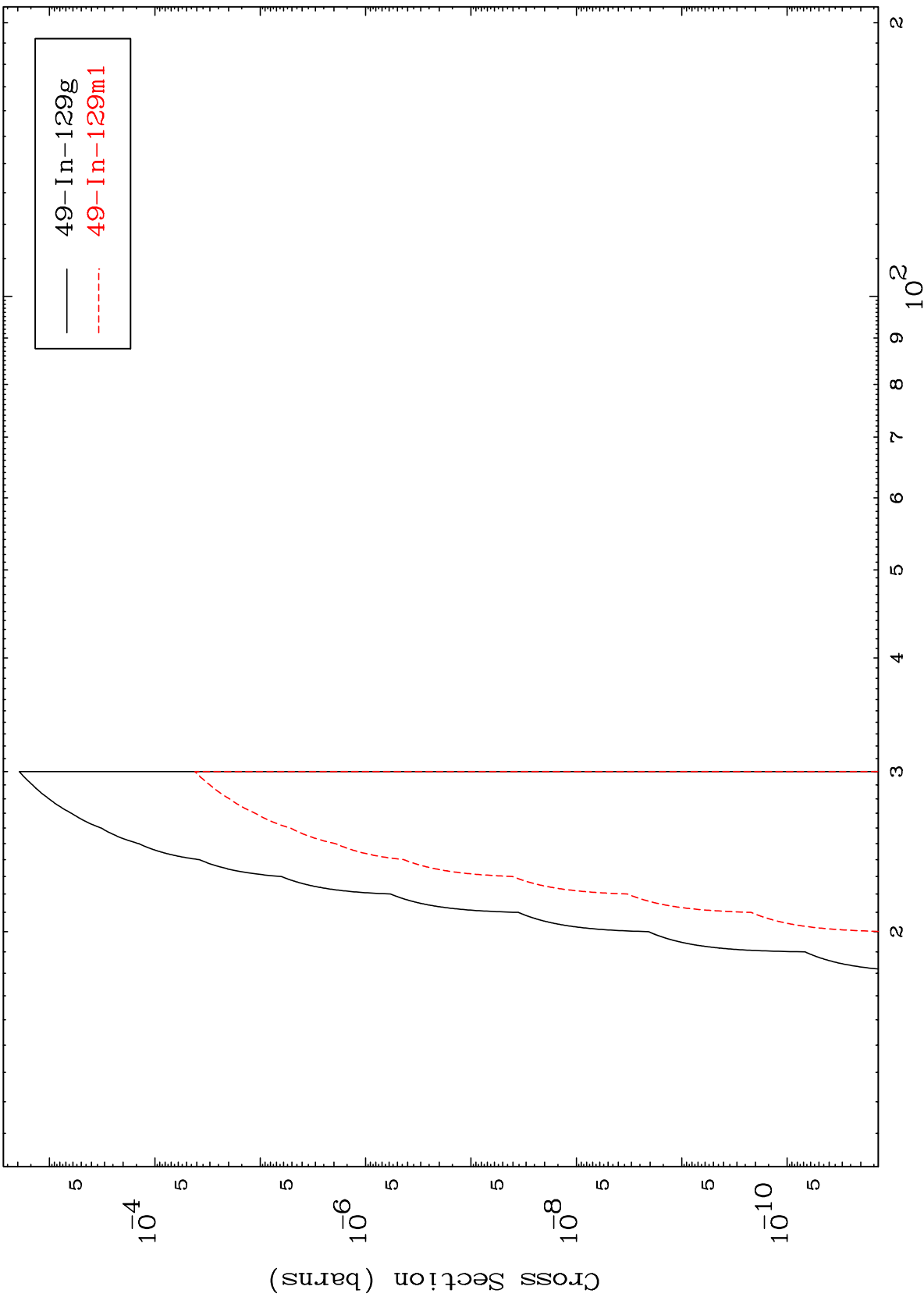
20

Incident Energy (MeV)

51-Sb-134

(n,2n) α

Radionuclide Production Cross Section



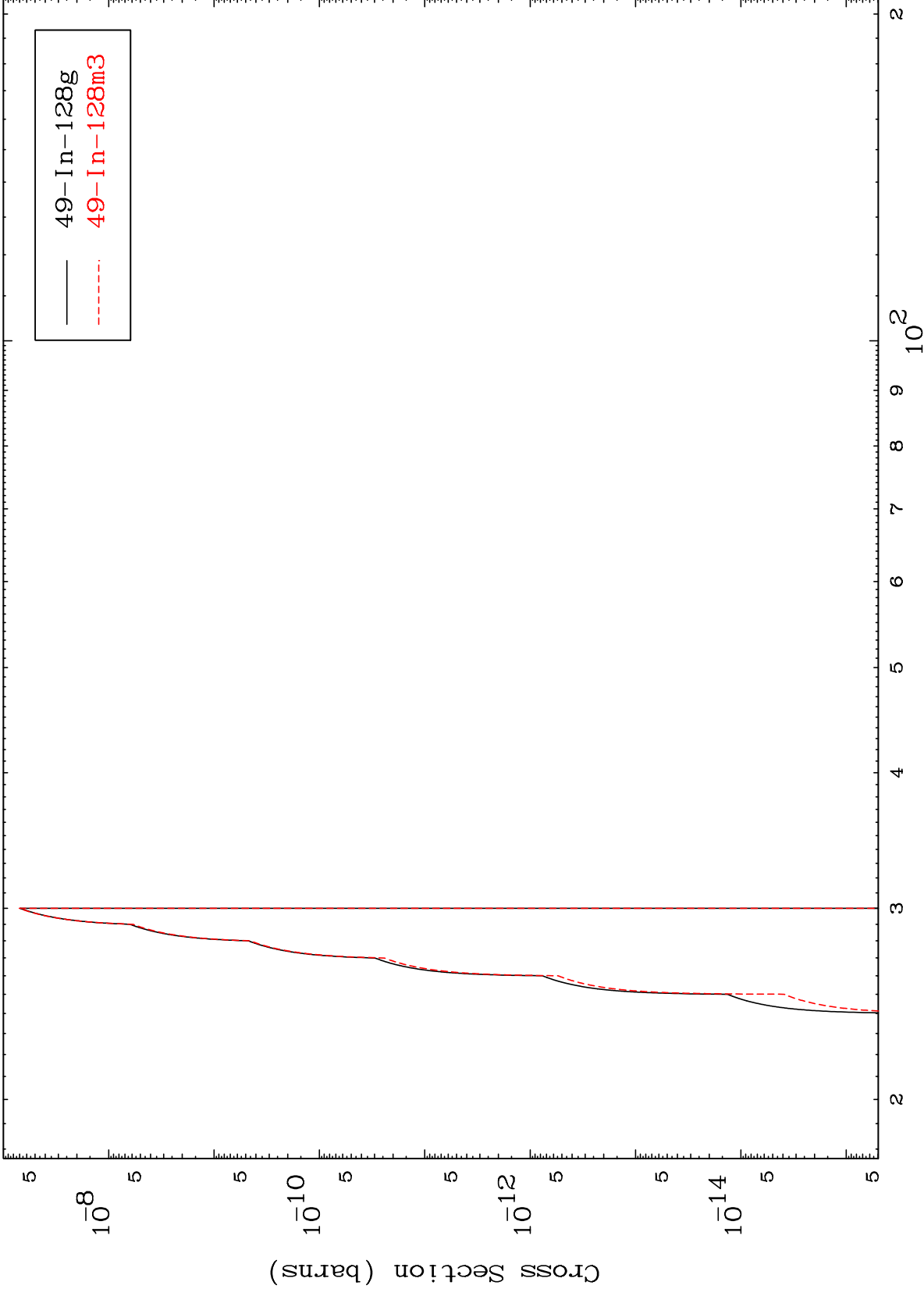
49-In-129g
49-In-129m1

MAT 5165

(n,3n) α

51-Sb-134

Radionuclide Production Cross Section

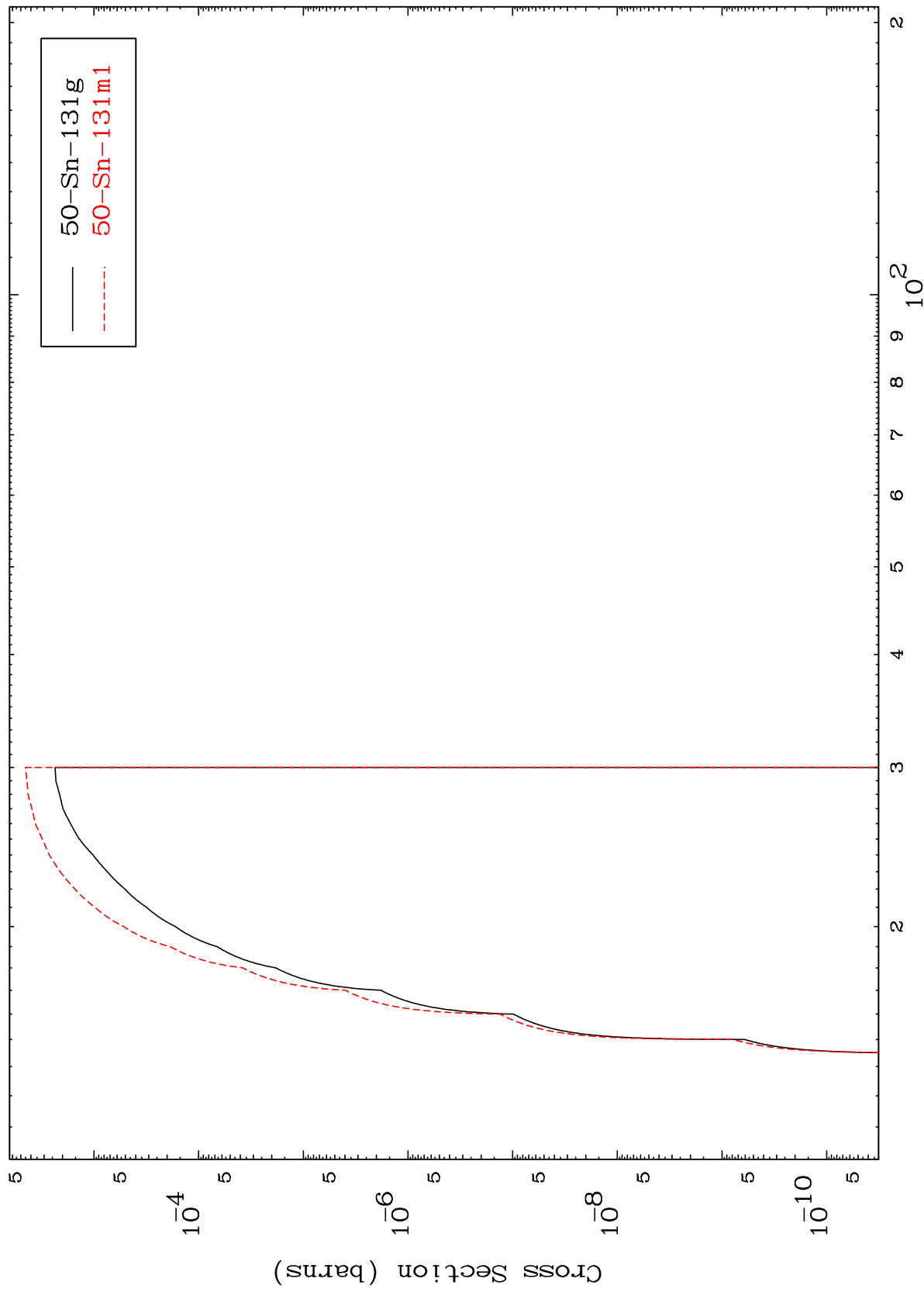


22

Incident Energy (MeV)

51-Sb-134

Radionuclide Production Cross Section

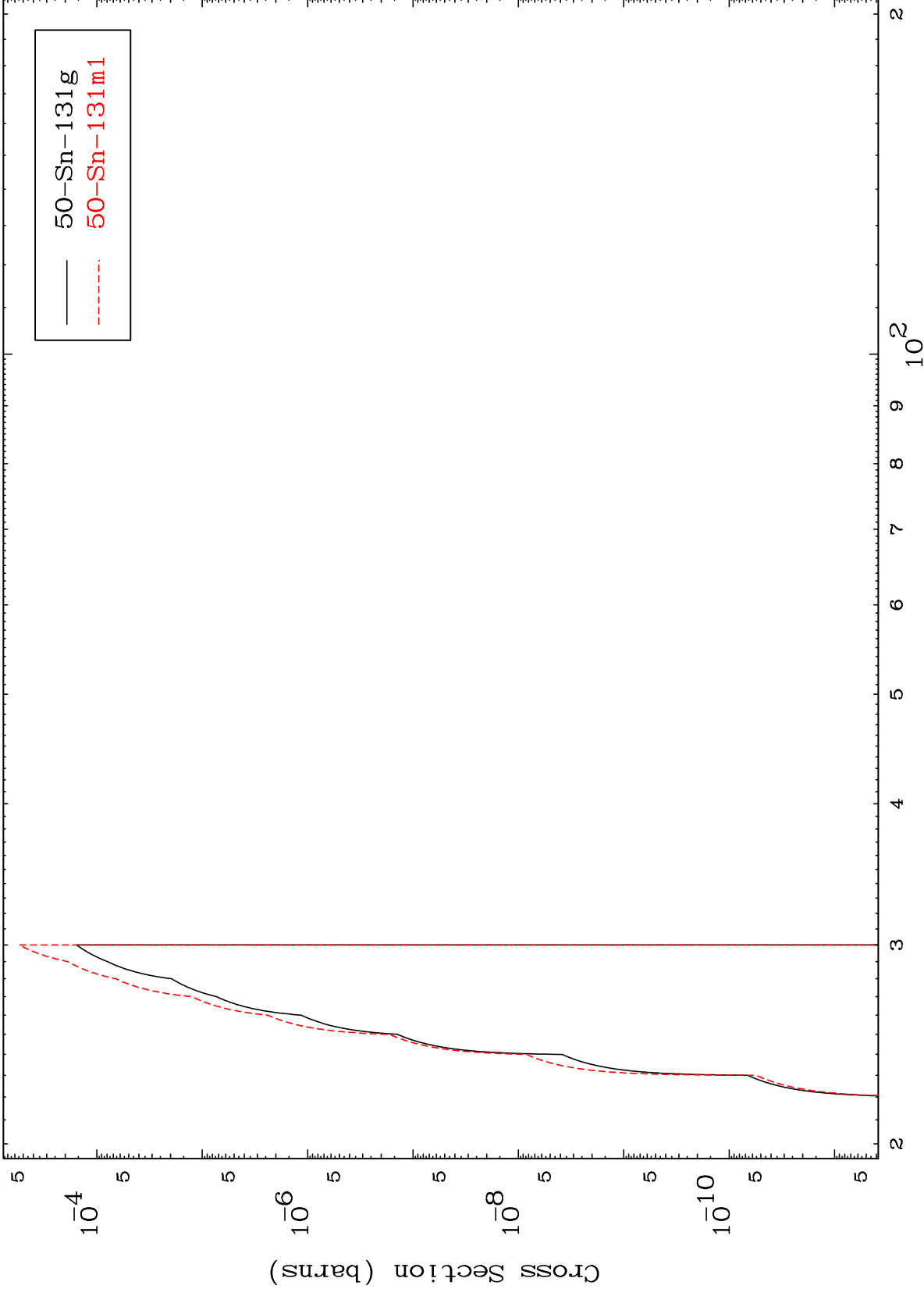


MAT 5165

(n,3n) p

51-Sb-134

Radionuclide Production Cross Section



24

Incident Energy (MeV)

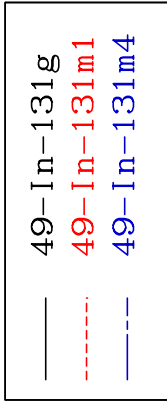
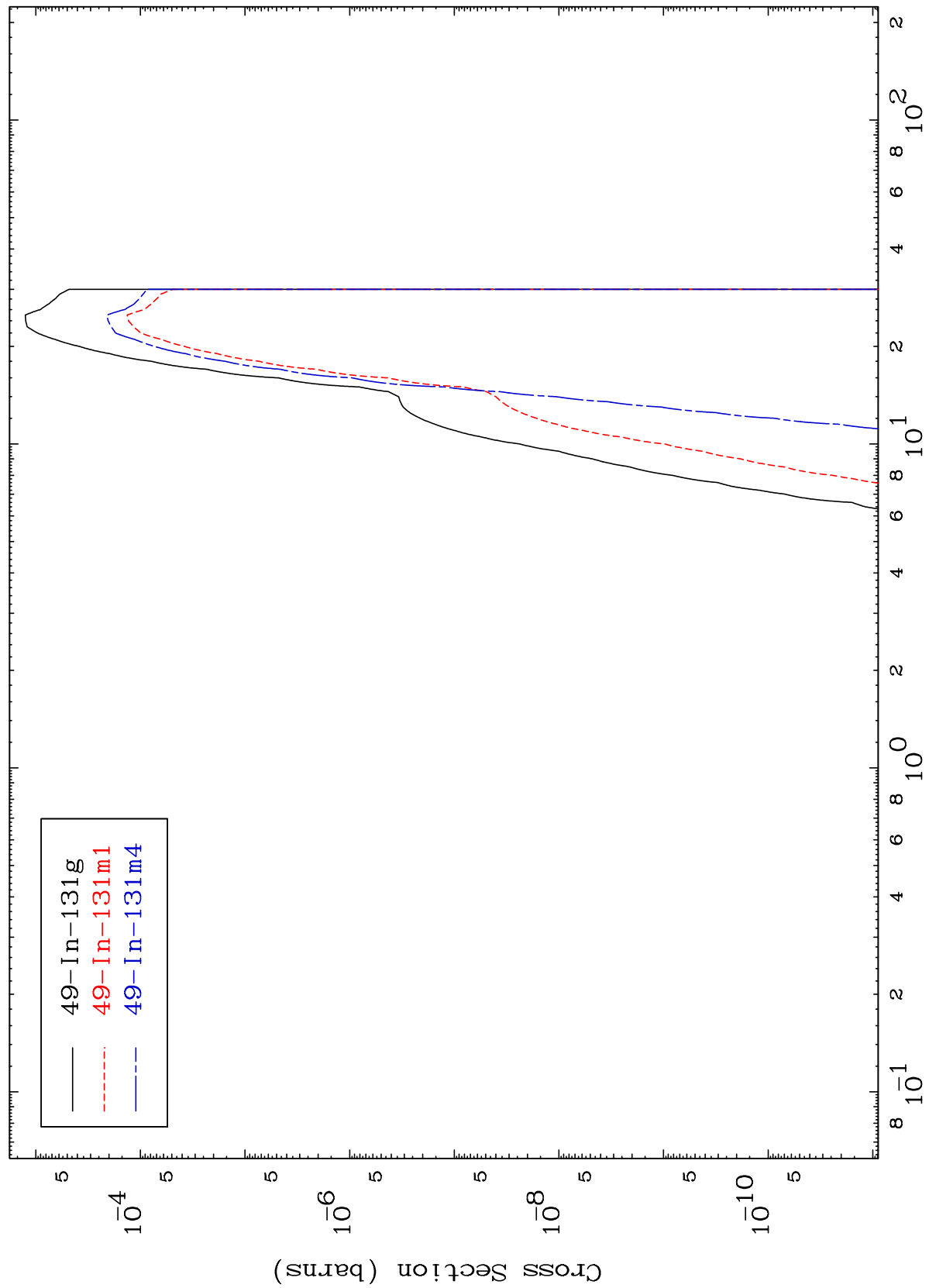
51-Sb-134

MAT 5165

(n, α)

51-Sb-134

Radionuclide Production Cross Section



25

Incident Energy (MeV)

51-Sb-134