

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

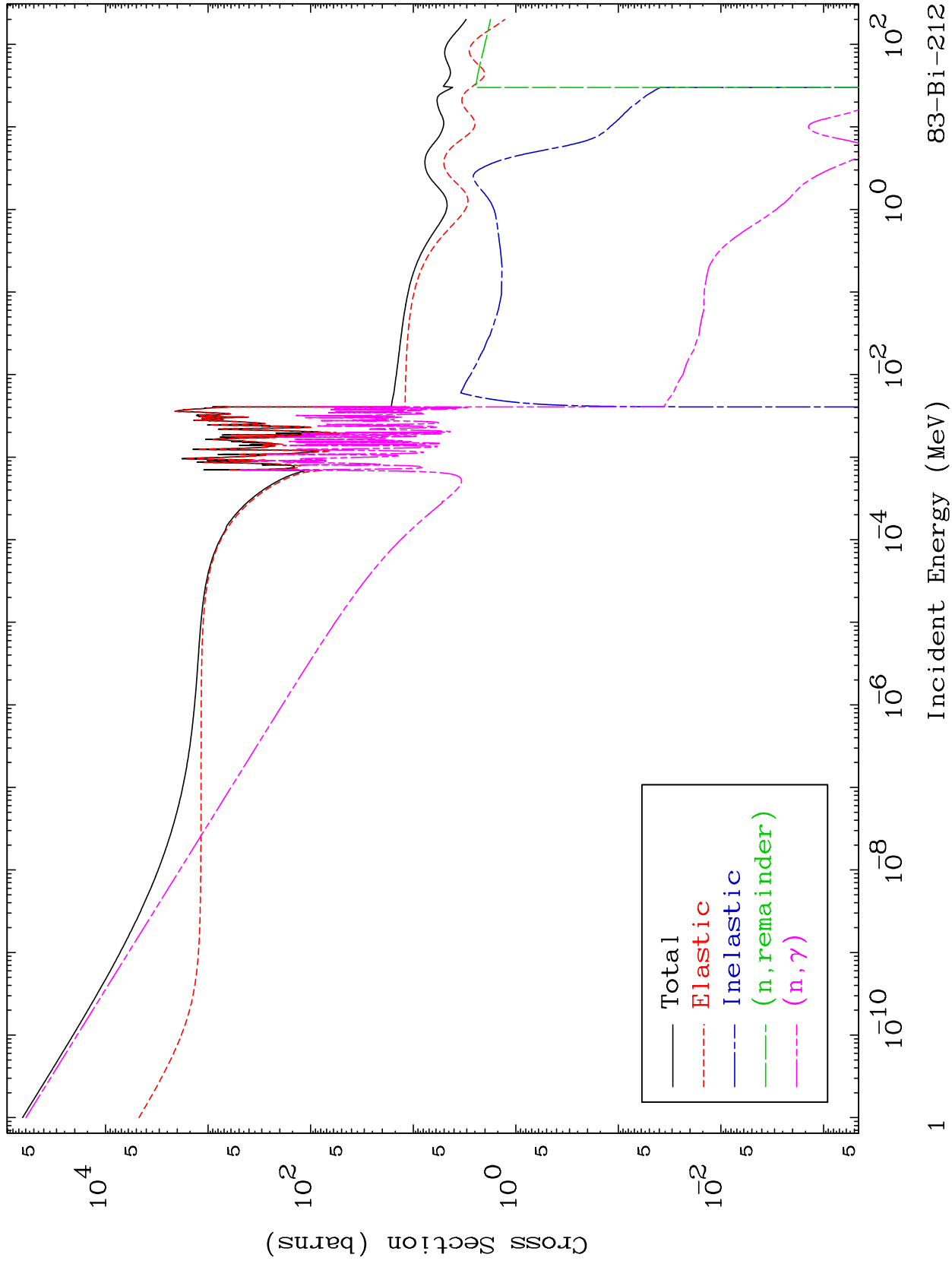
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8336

Major
293 Kelvin Cross Sections

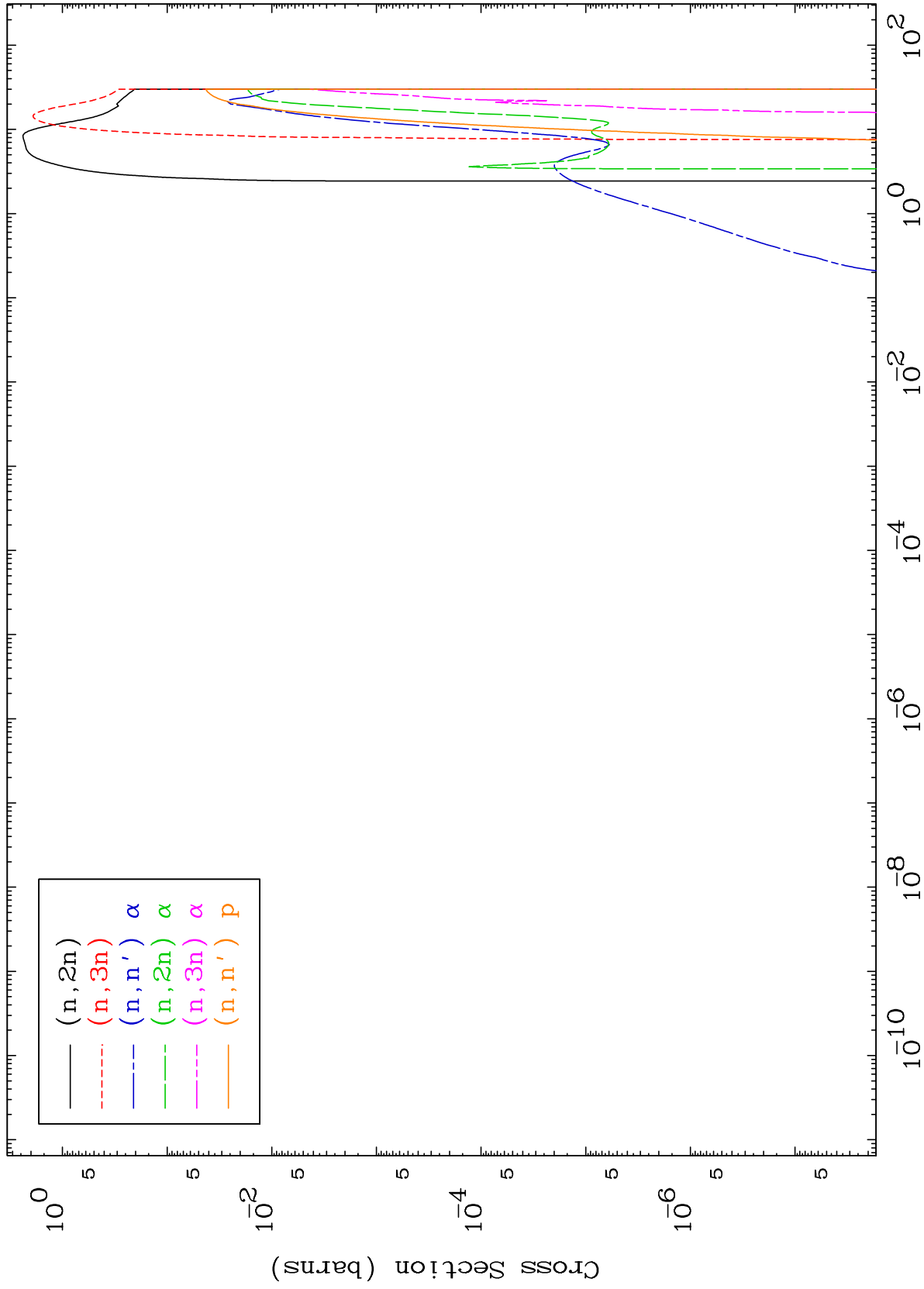
83-Bi-212



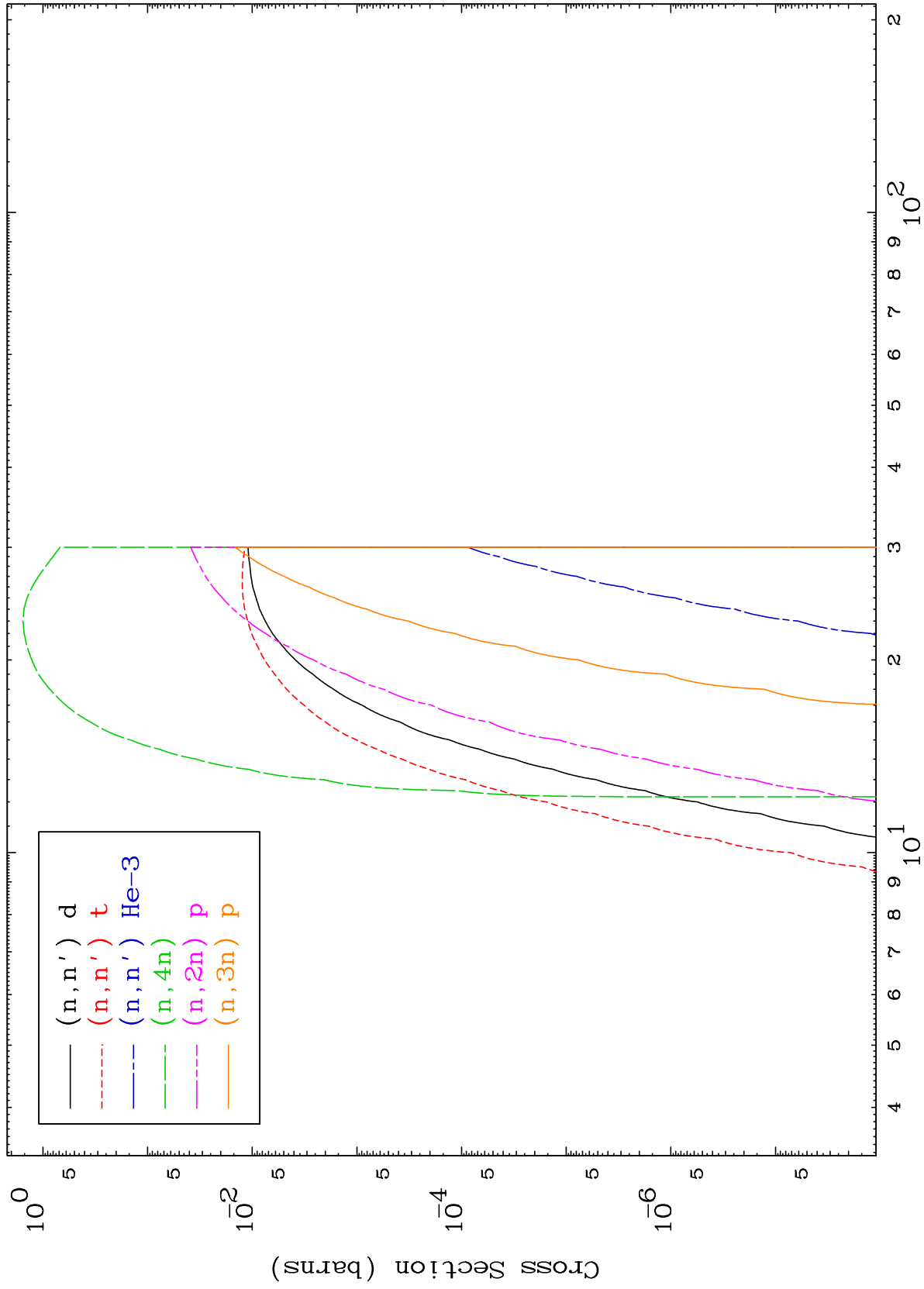
MAT 8336

Neutron Production
293 Kelvin Cross Sections

83-Bi-212



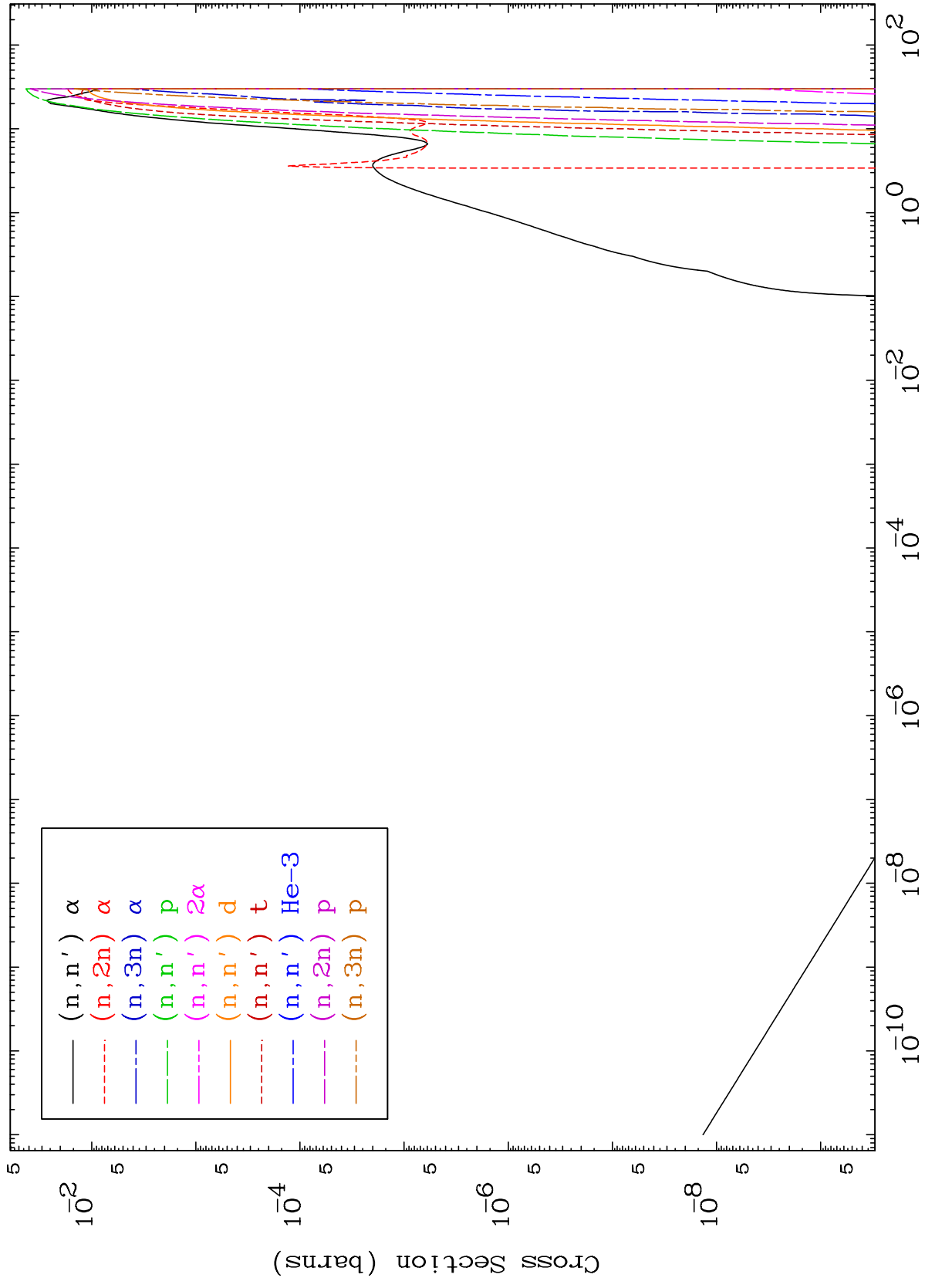
83-Bi-212



MAT 8336

Charged Particle
293 Kelvin Cross Sections

83-Bi-212



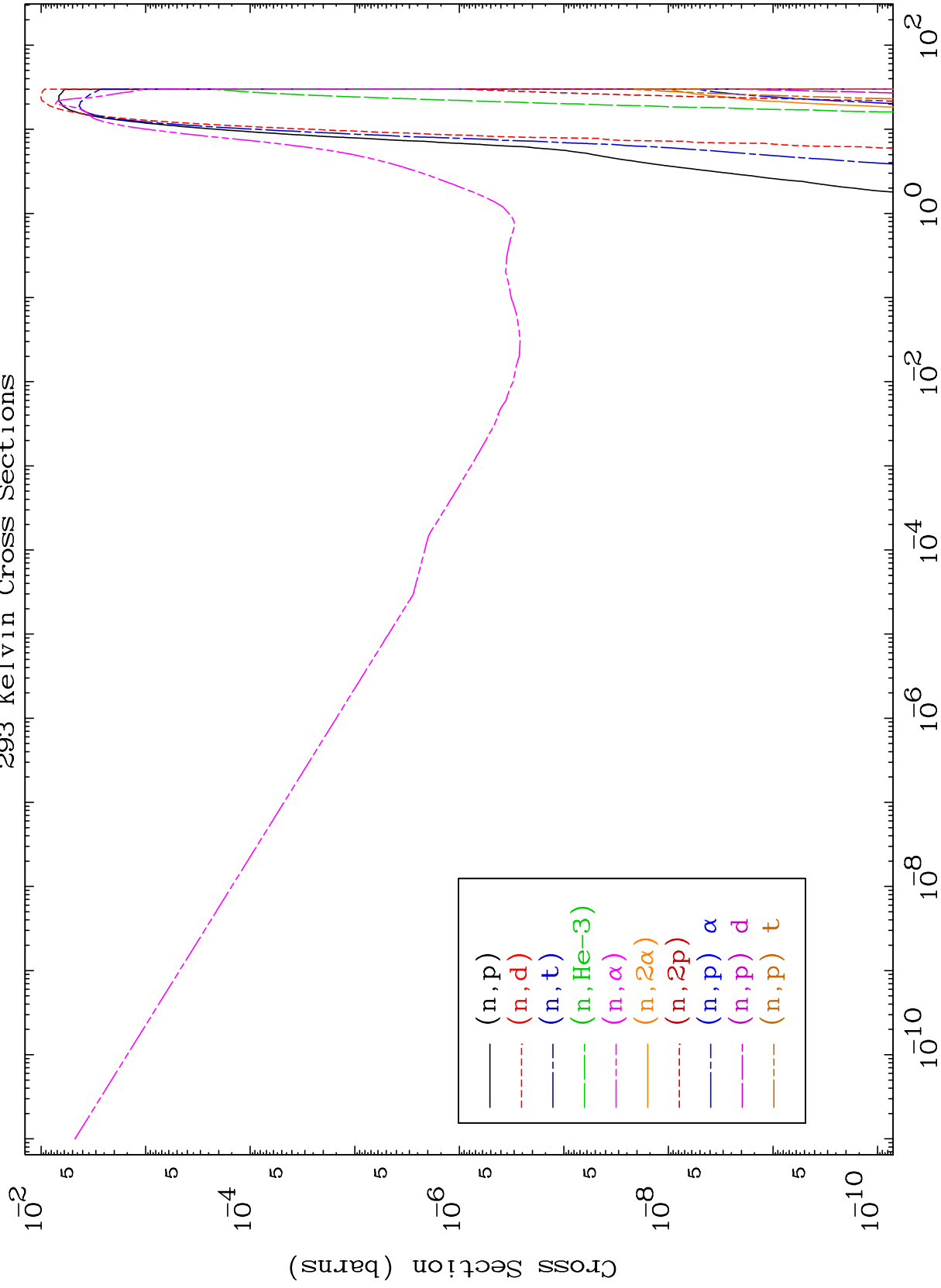
83-Bi-212

Incident Energy (MeV)

MAT 8336

Charged Particle
293 Kelvin Cross Sections

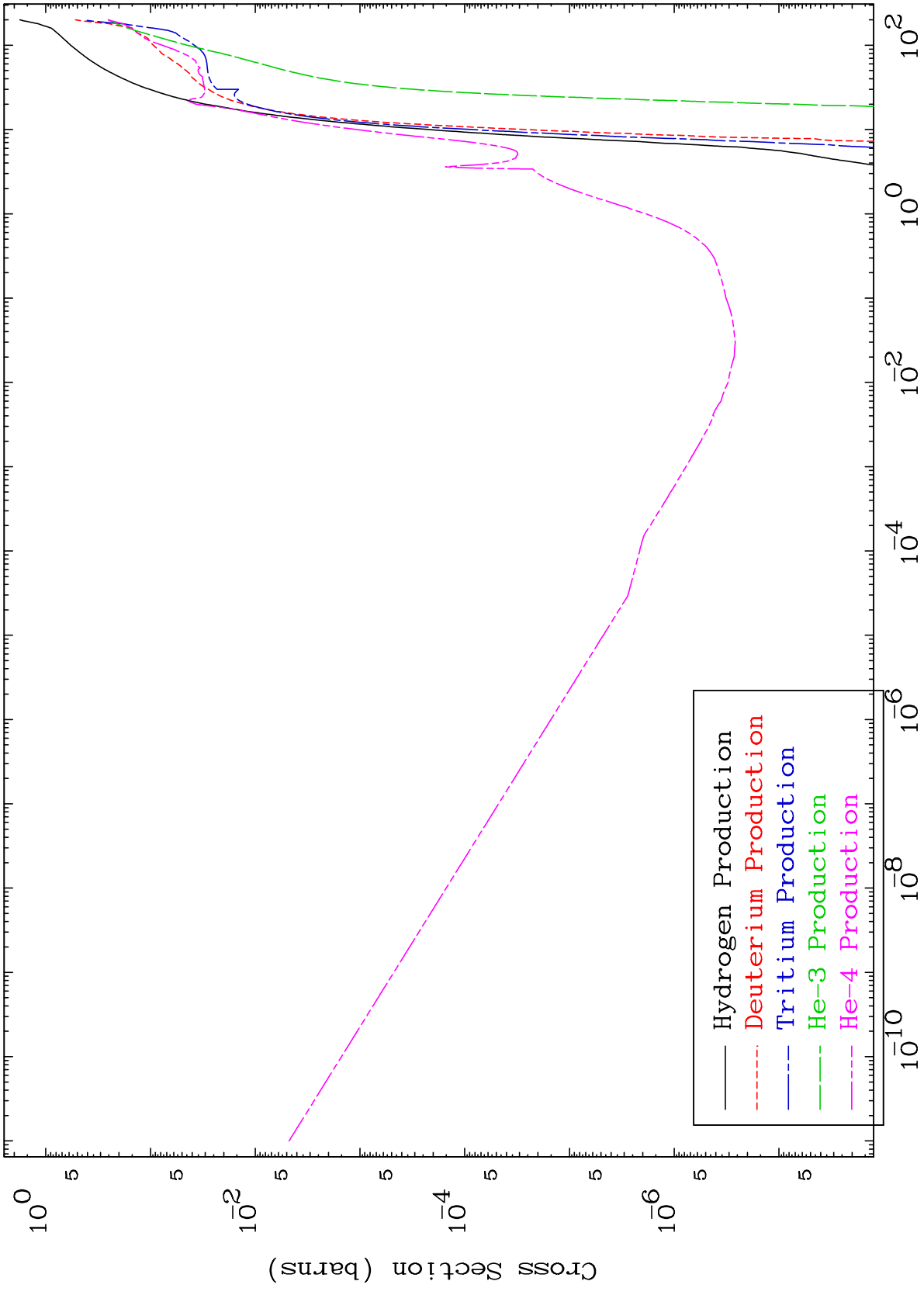
83-Bi-212



5

Incident Energy (MeV)

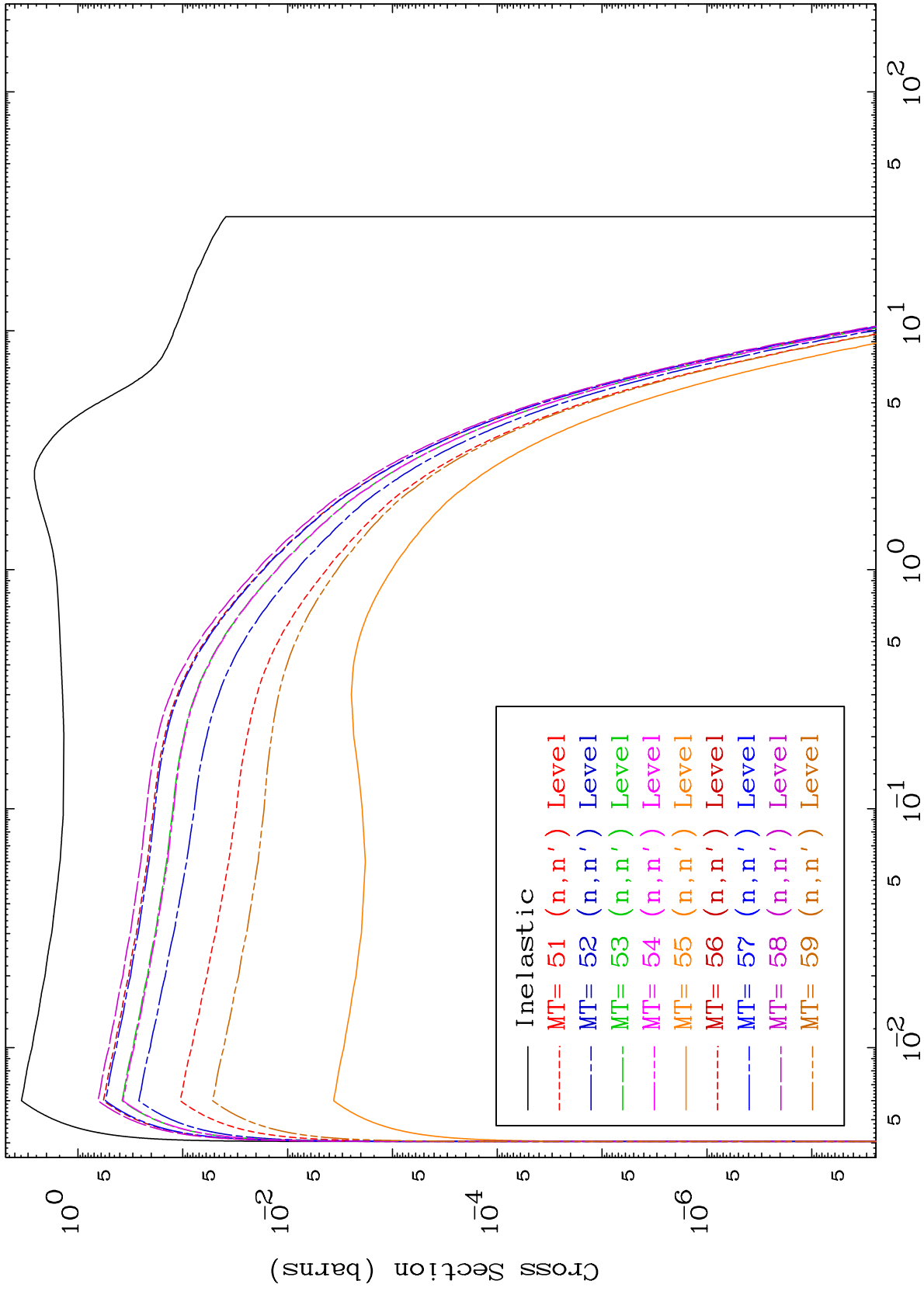
83-Bi-212



MAT 8336

(n,n') Level
293 Kelvin Cross Sections

83-Bi-212



7

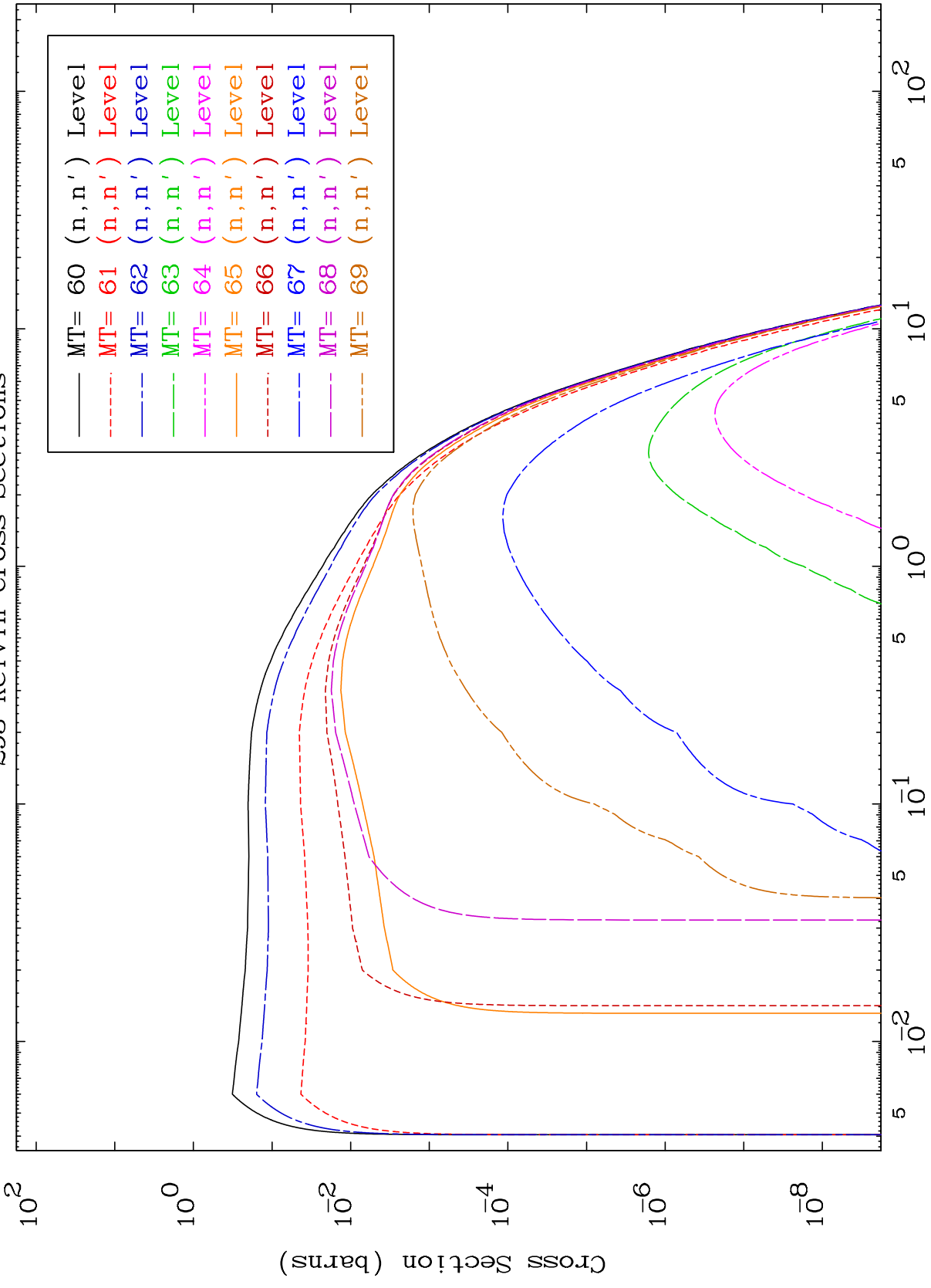
83-Bi-212

MAT 8336

(n,n') Level

83-Bi-212

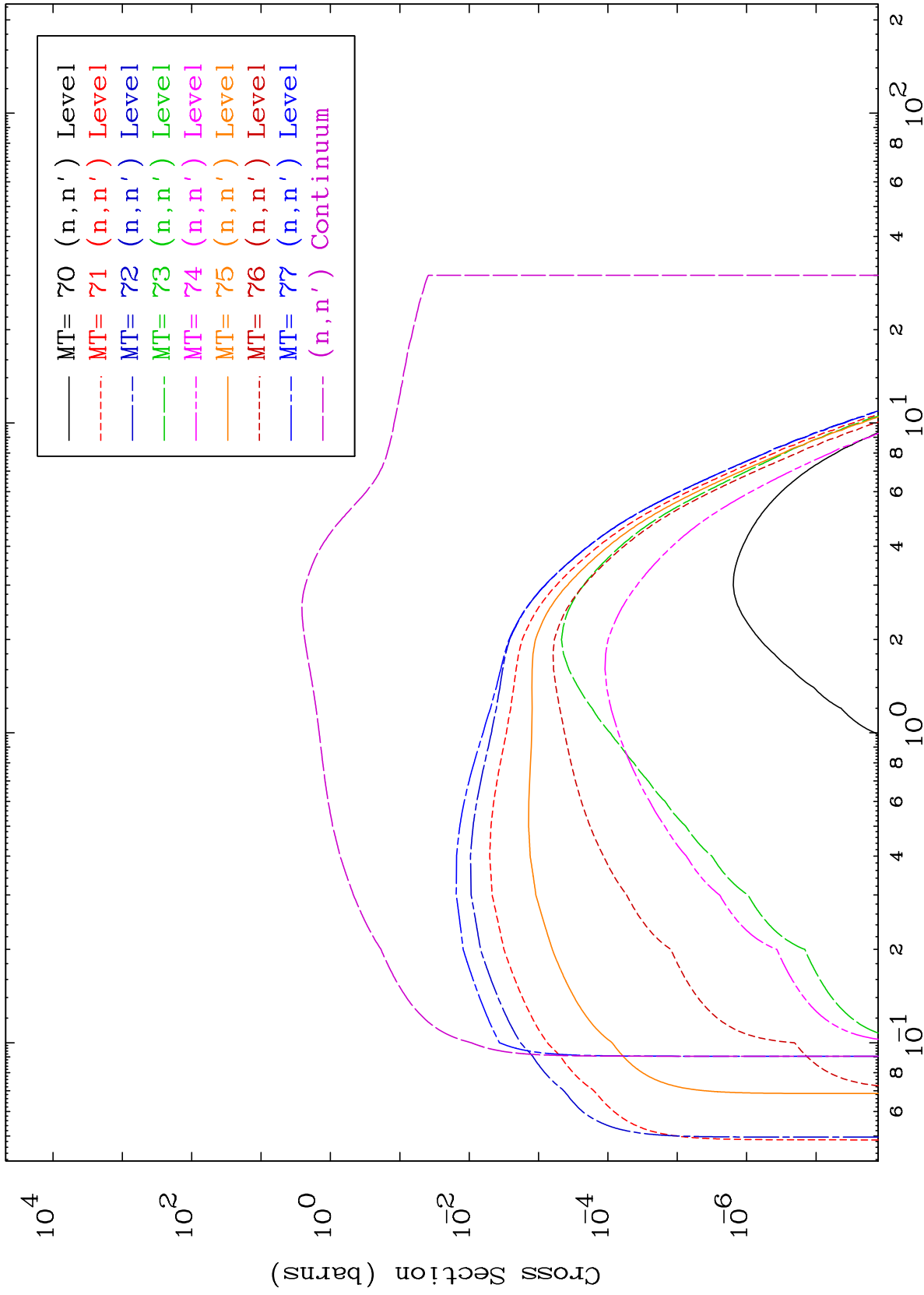
293 Kelvin Cross Sections



8

Incident Energy (MeV)

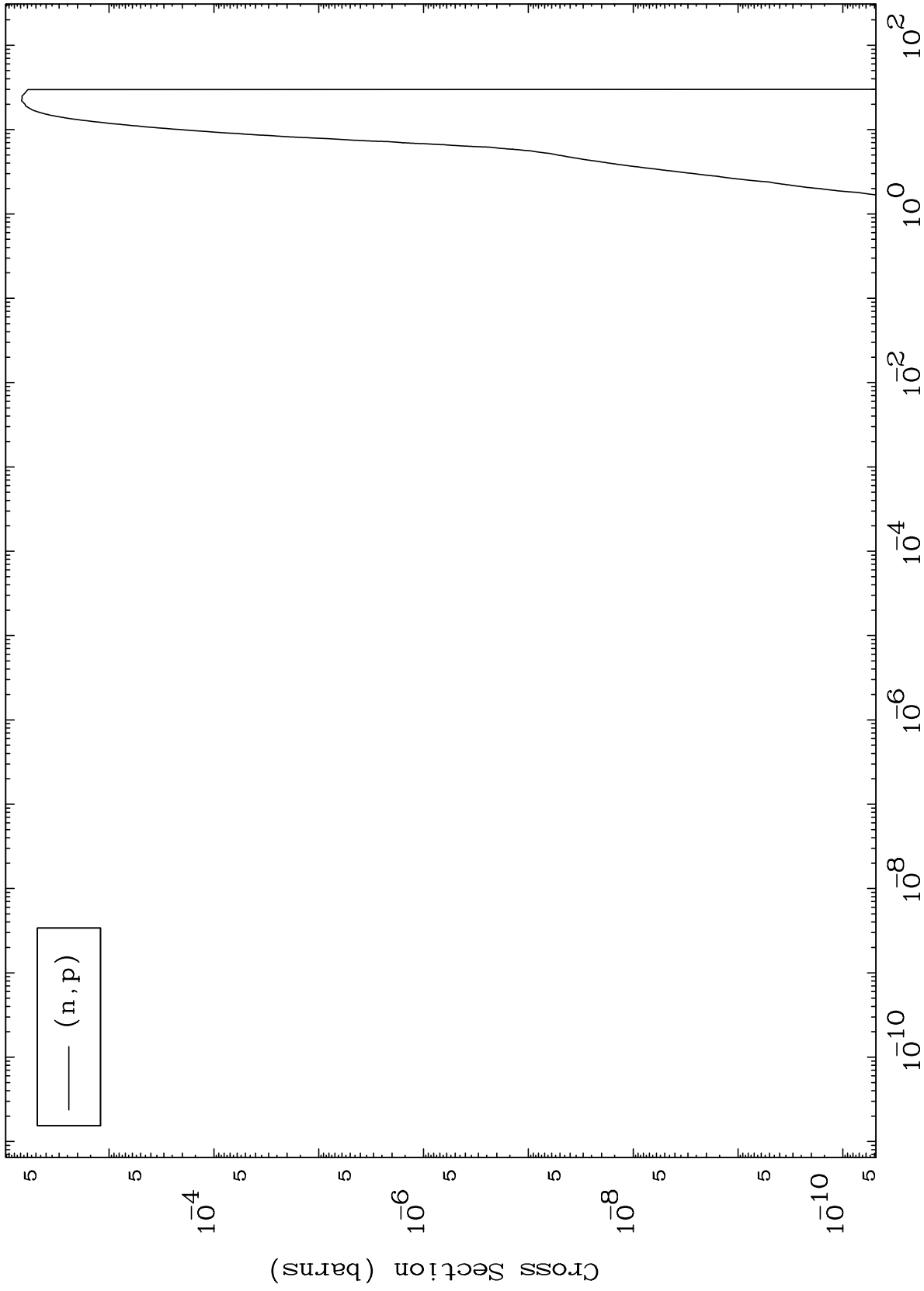
83-Bi-212



MAT 8336

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-212



10

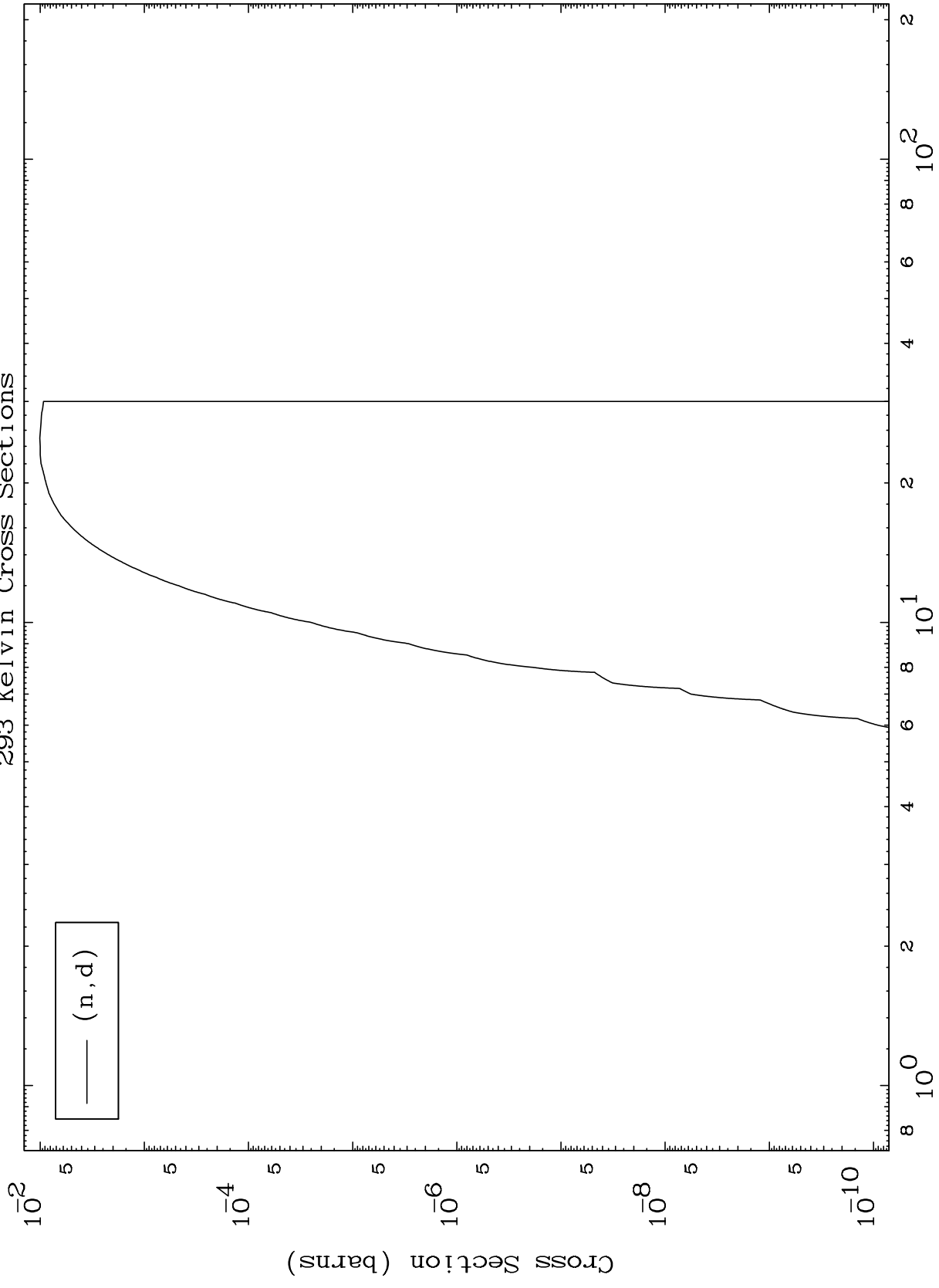
Incident Energy (MeV)

83-Bi-212

MAT 8336

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-212



11

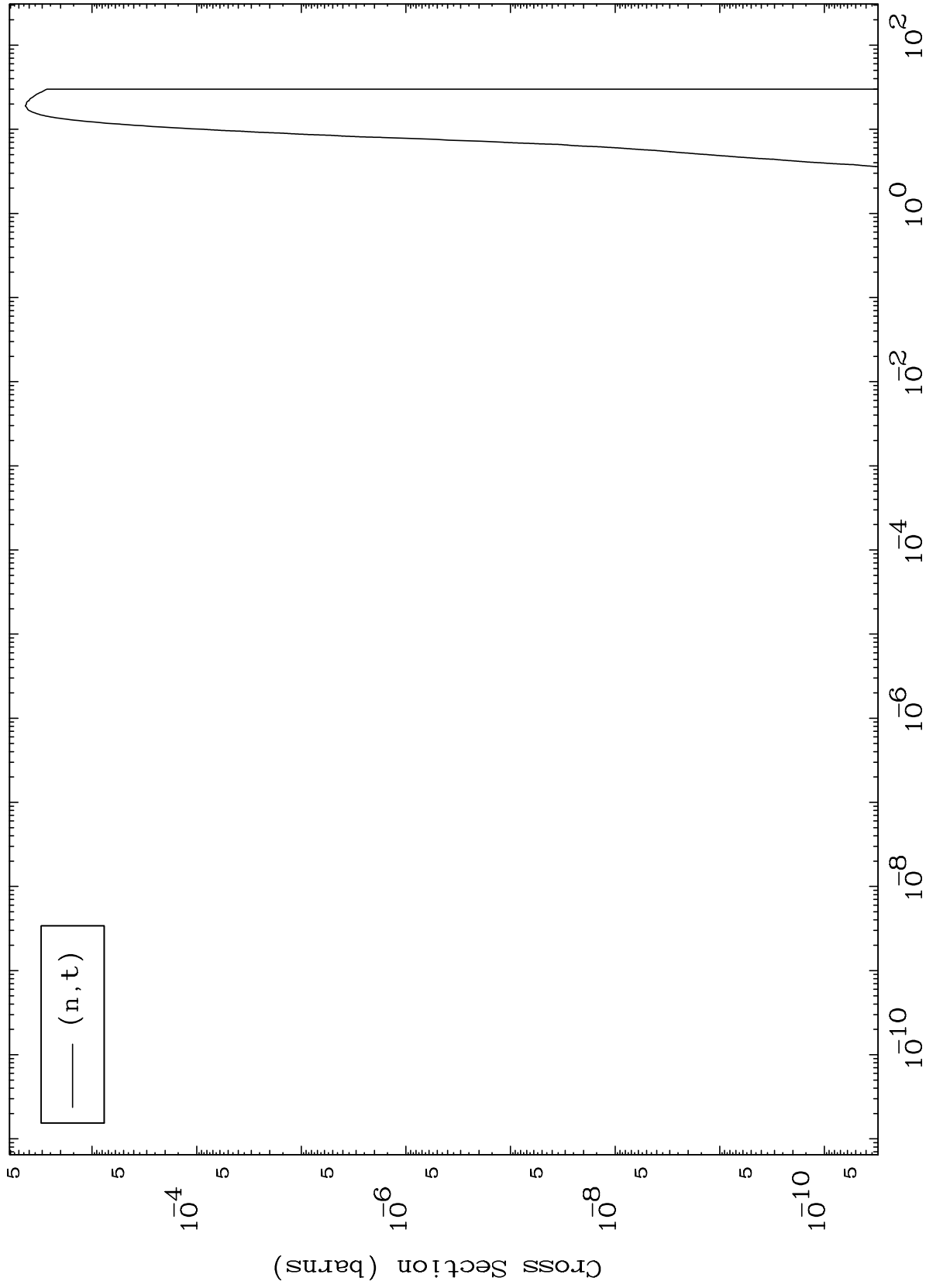
Incident Energy (MeV)

83-Bi-212

MAT 8336

(n,t) Levels
293 Kelvin Cross Sections

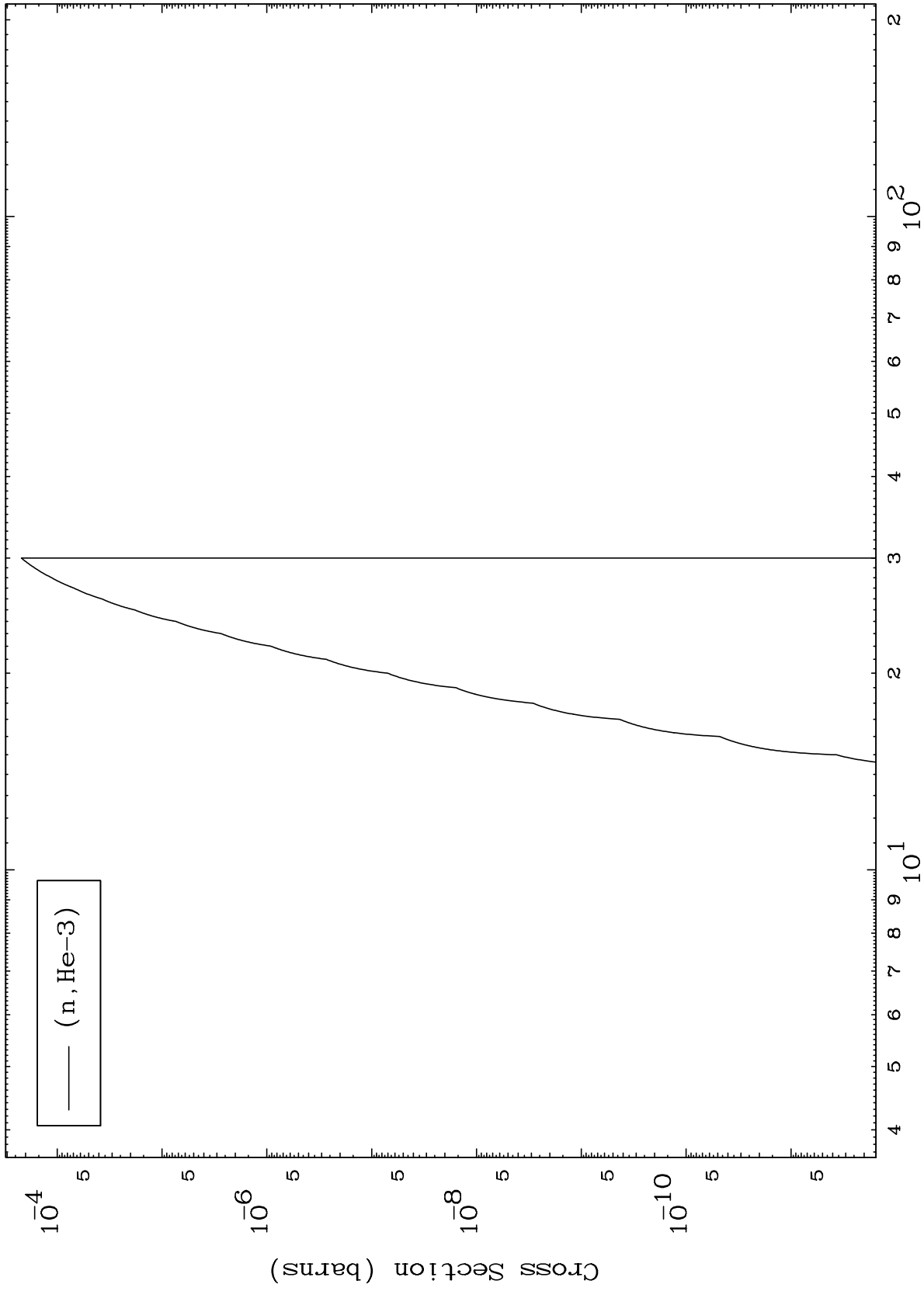
83-Bi-212



MAT 8336

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-212



13

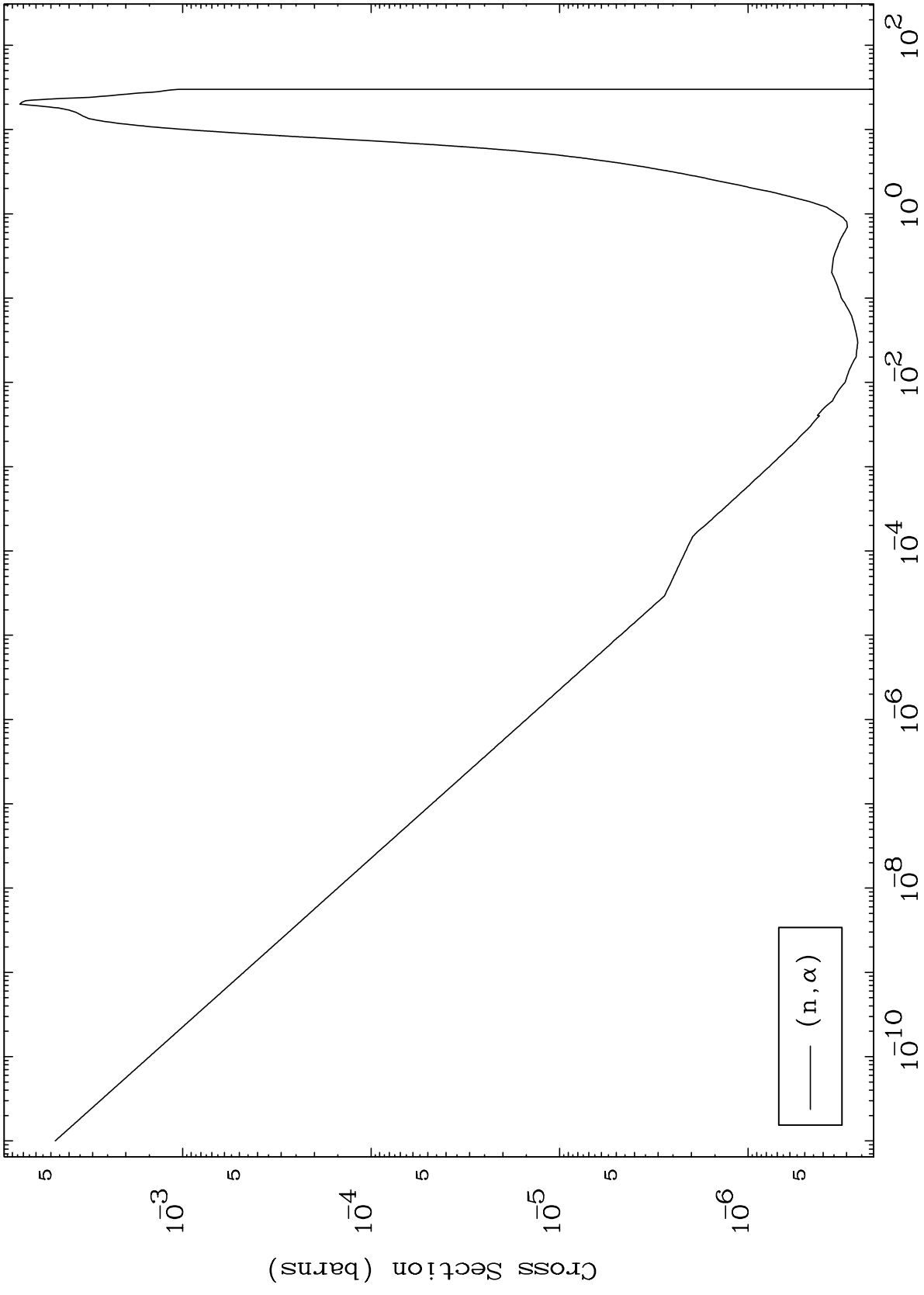
Incident Energy (MeV)

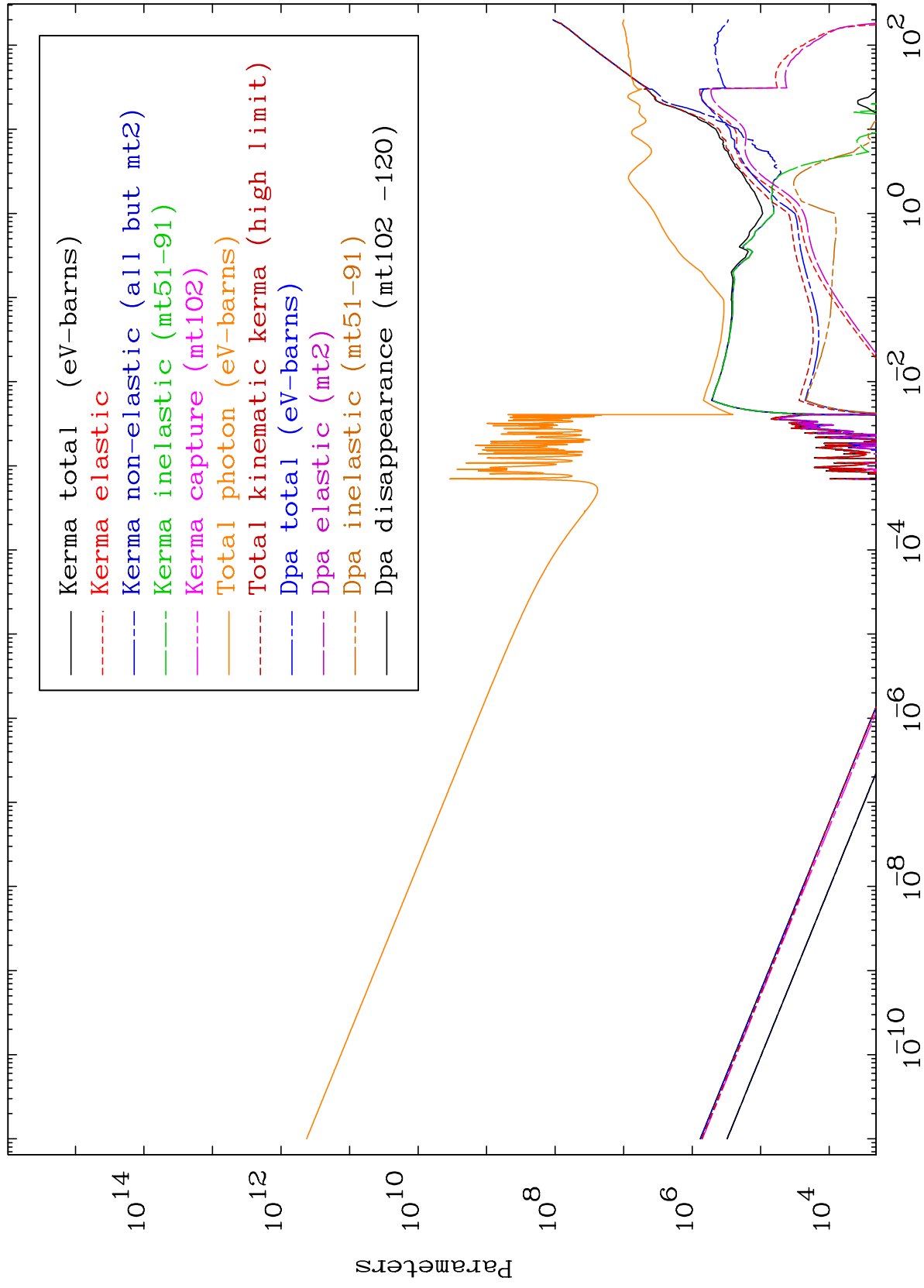
83-Bi-212

MAT 8336

(n, α) Levels
293 Kelvin Cross Sections

83-Bi-212





MAT 8336

Elastic Legendre Coefficients

83-Bi-212



16

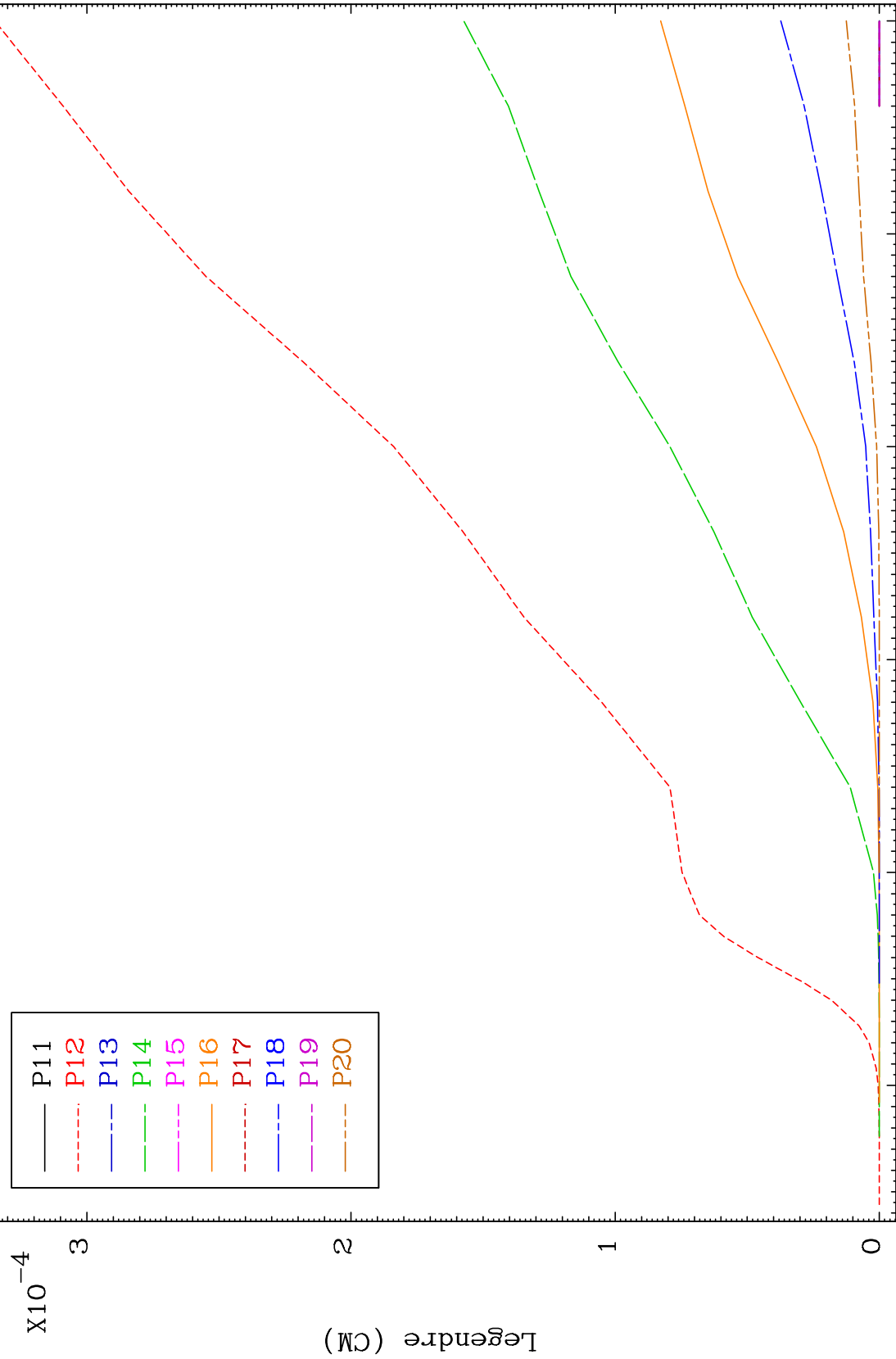
Incident Energy (MeV)

83-Bi-212

MAT 8336

Elastic Legendre Coefficients

83-Bi-212



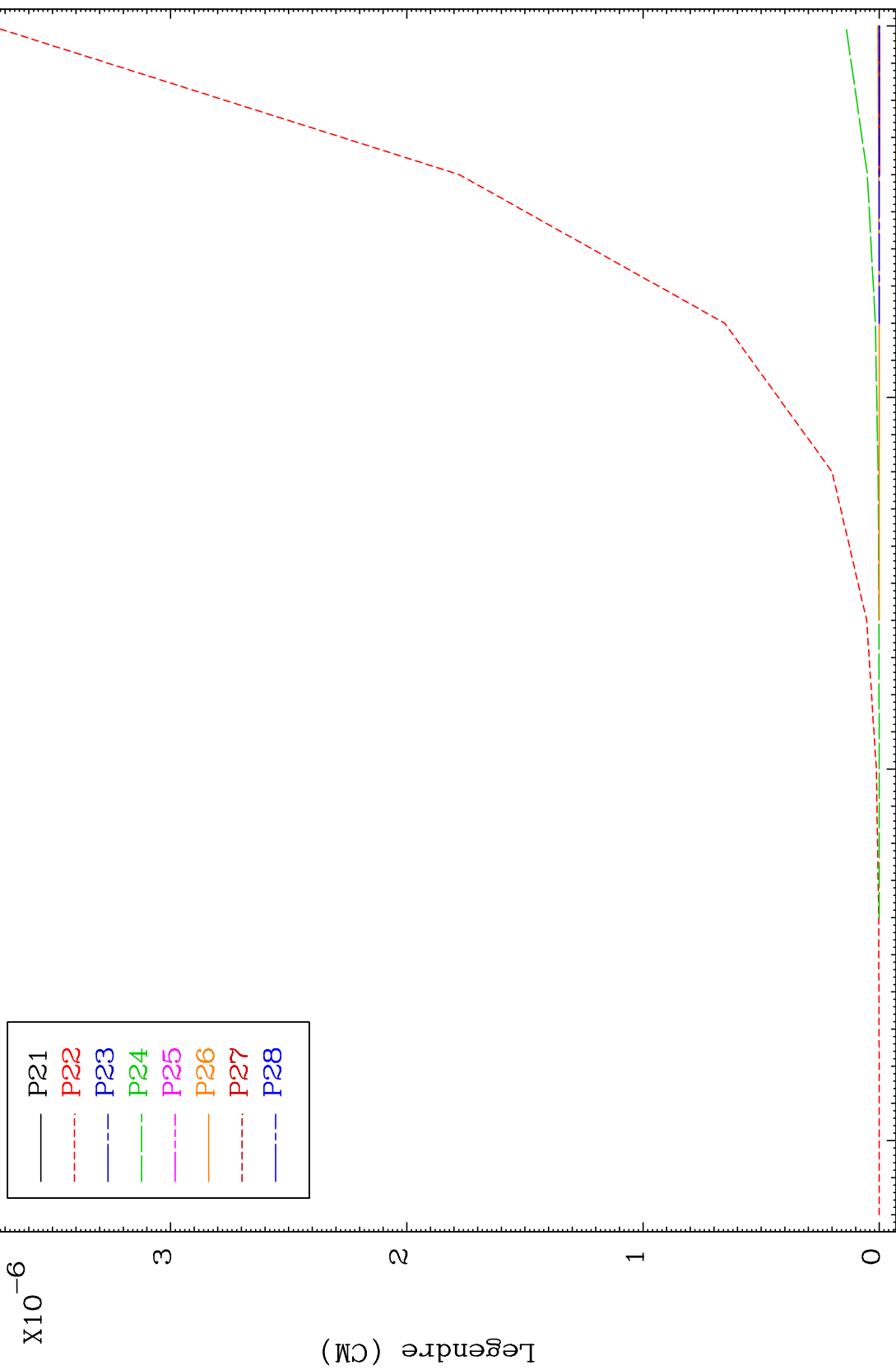
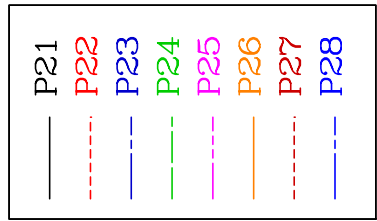
17

83-Bi-212

MAT 8336

Elastic Legendre Coefficients

83-Bi-212



18

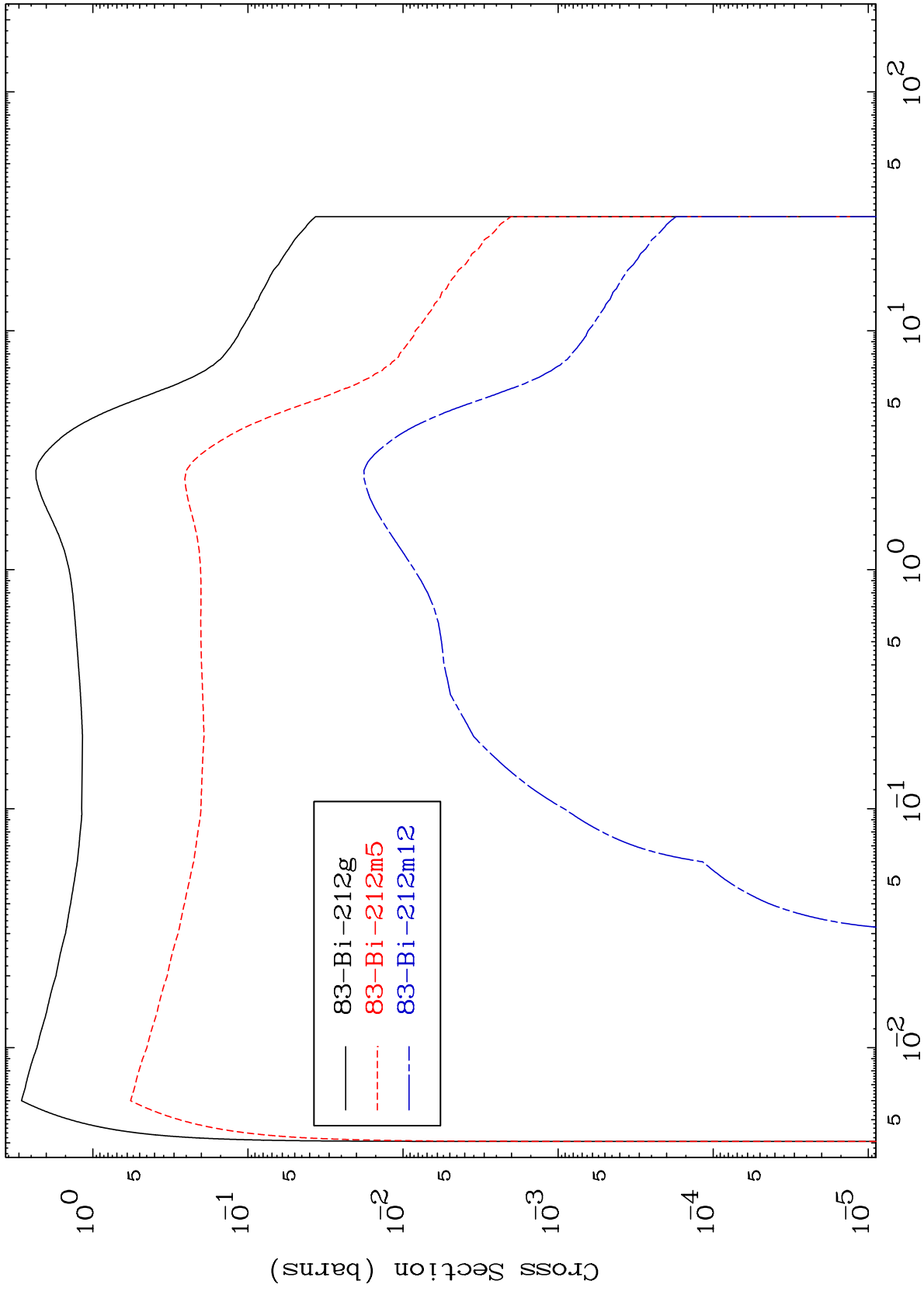
Incident Energy (MeV)

83-Bi-212

MAT 8336

83-Bi-212

Inelastic Radionuclide Production Cross Section



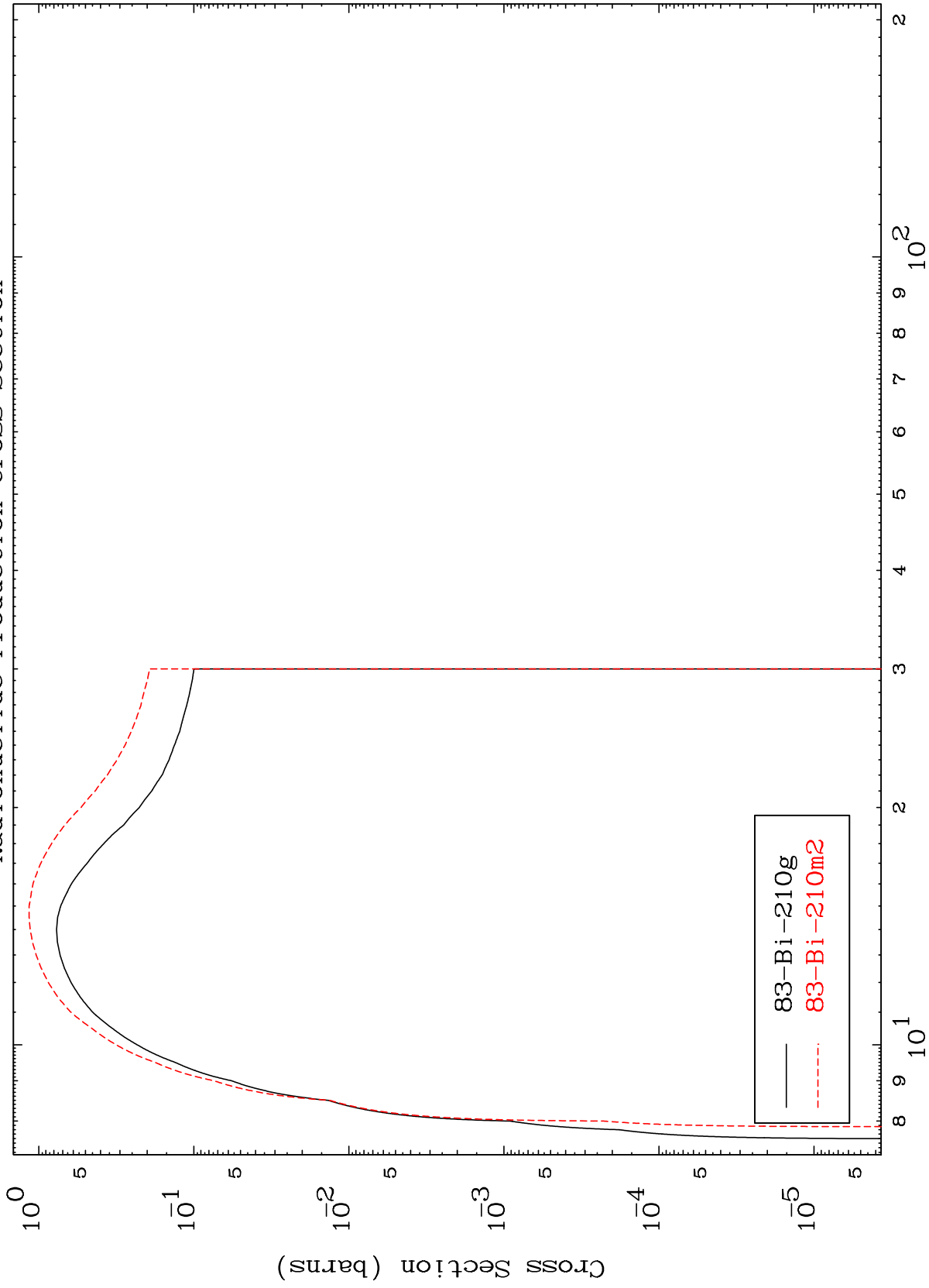
19

83-Bi-212

MAT 8336

83-Bi-212

(n,3n)
Radionuclide Production Cross Section



20

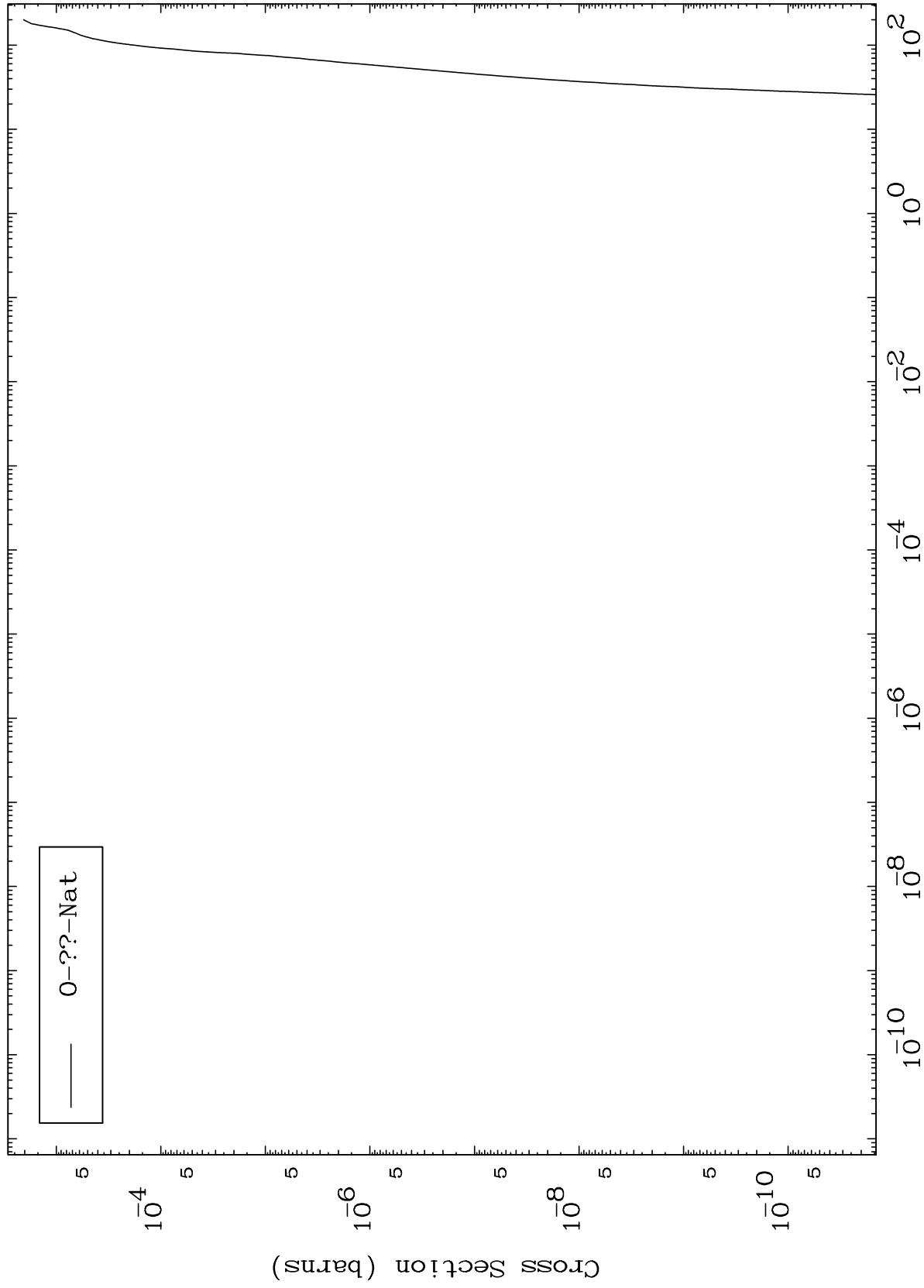
Incident Energy (MeV)

83-Bi-212

MAT 8336

Fission
Radionuclide Production Cross Section

83-Bi-212



21

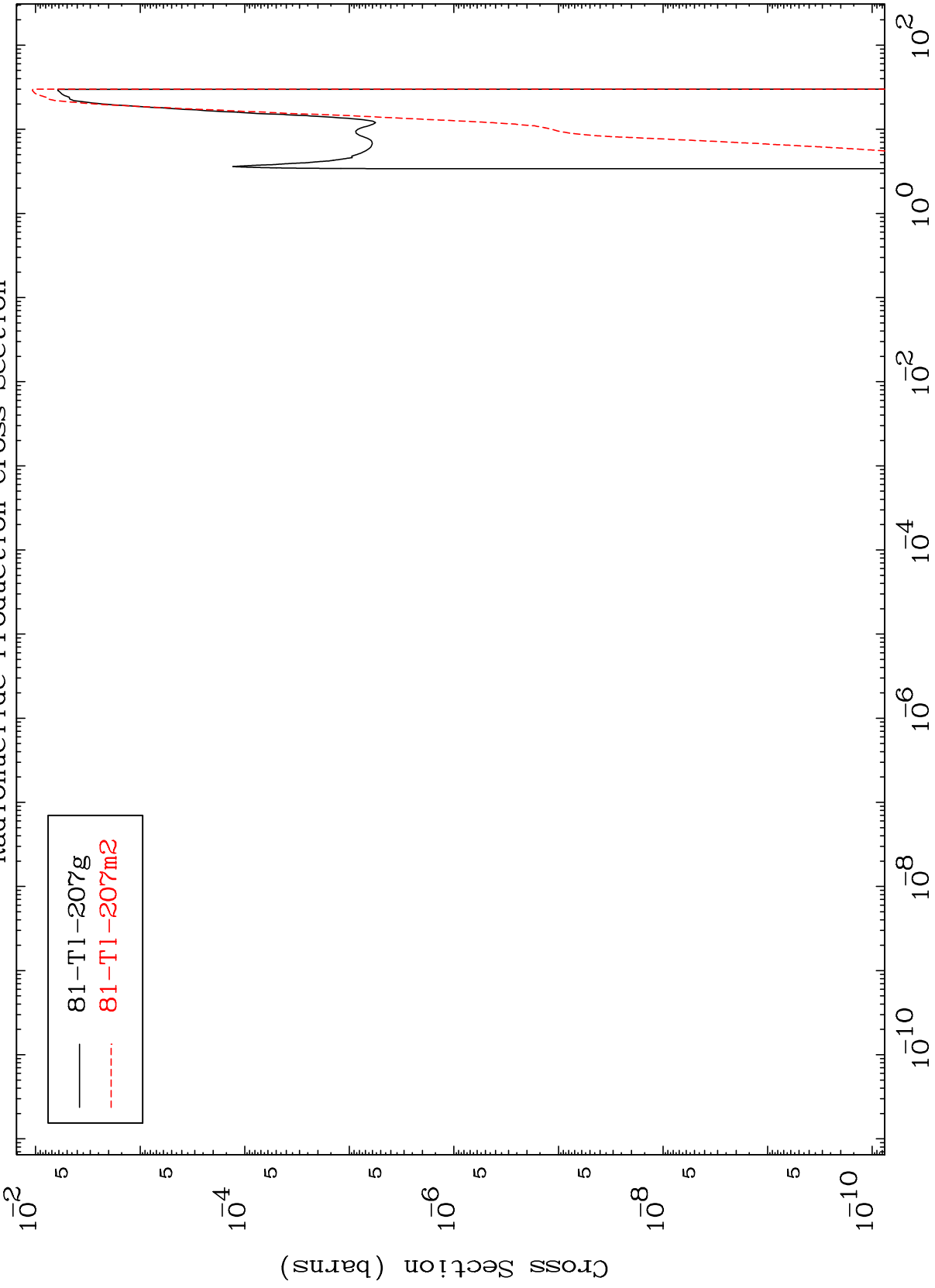
83-Bi-212

MAT 8336

(n,2n) α

83-Bi-212

Radionuclide Production Cross Section



22

Incident Energy (MeV)

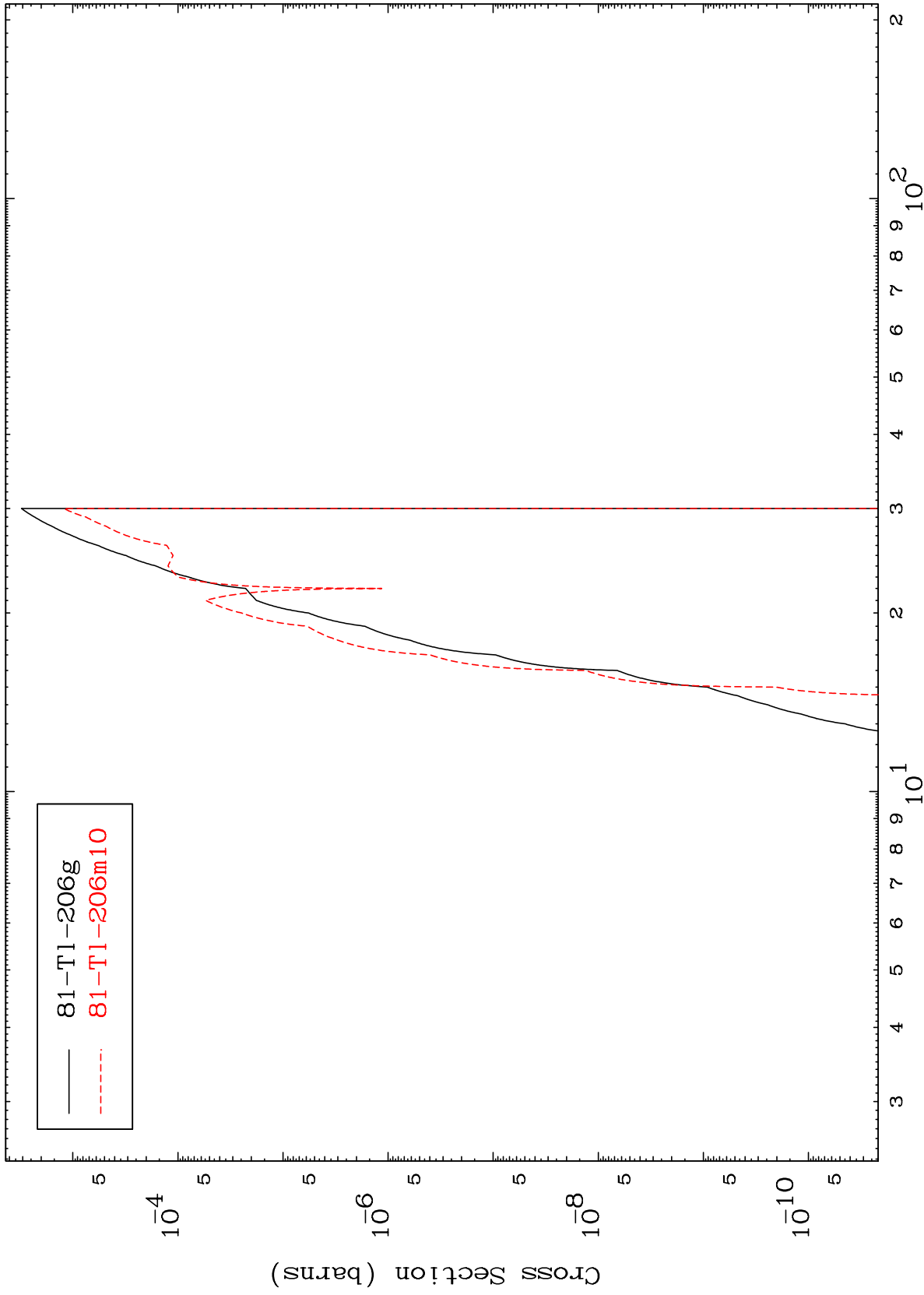
83-Bi-212

MAT 8336

(n,3n) α

83-Bi-212

Radionuclide Production Cross Section



23

Incident Energy (MeV)

83-Bi-212