

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

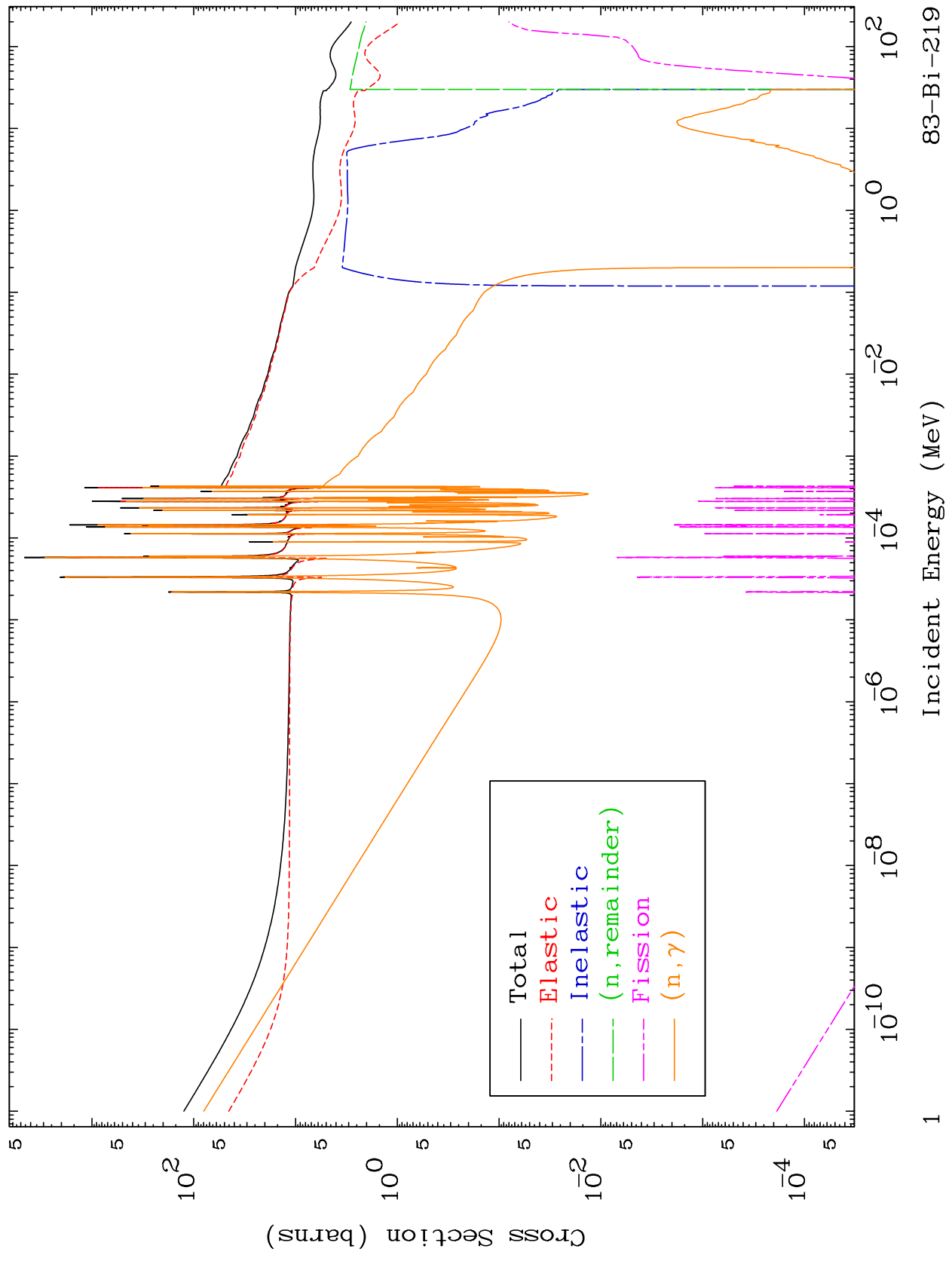
Press Mouse Button to Start

MAT 8355

Major

293 Kelvin Cross Sections

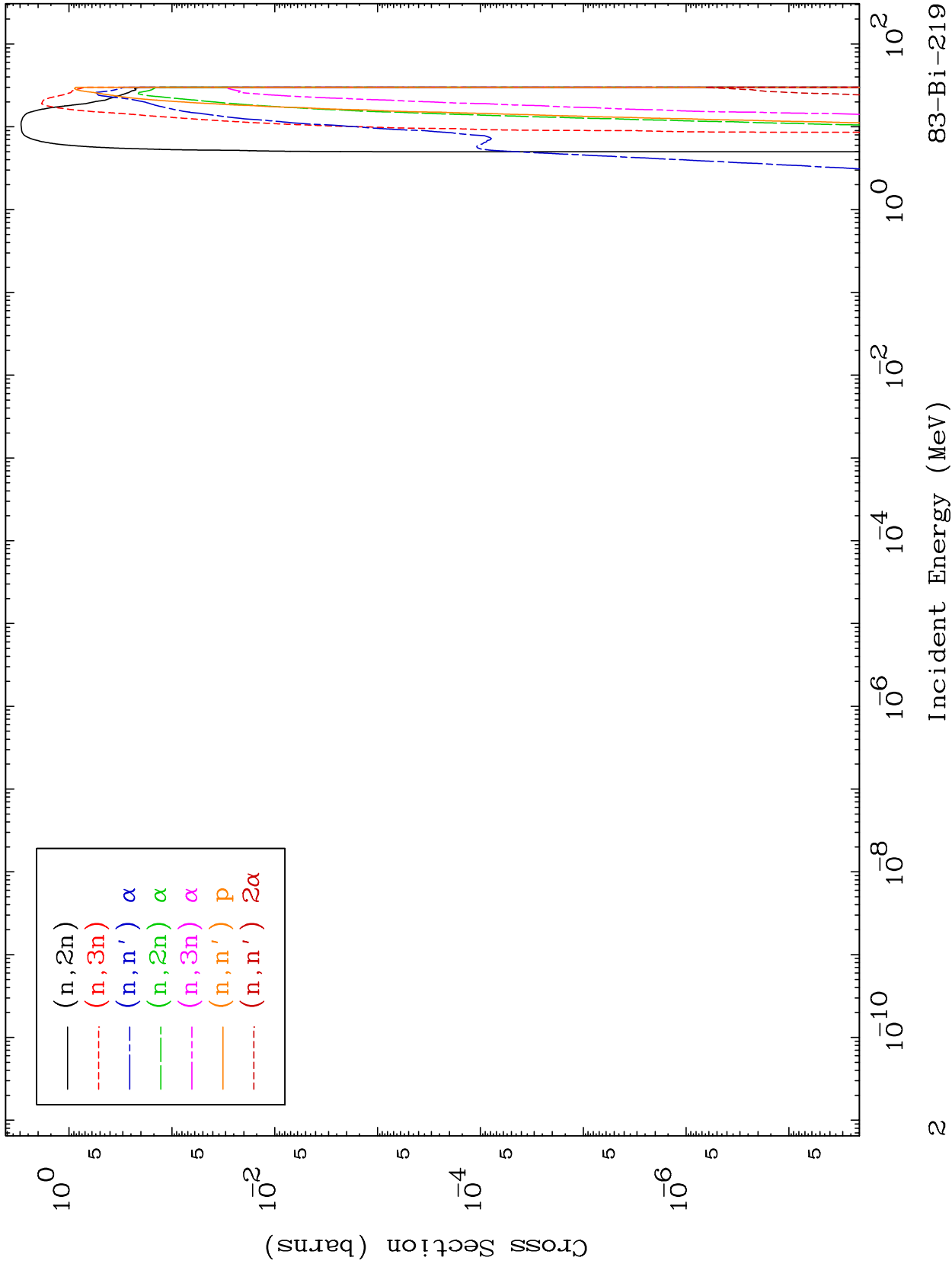
83-Bi-219



MAT 8355

Neutron Production
293 Kelvin Cross Sections

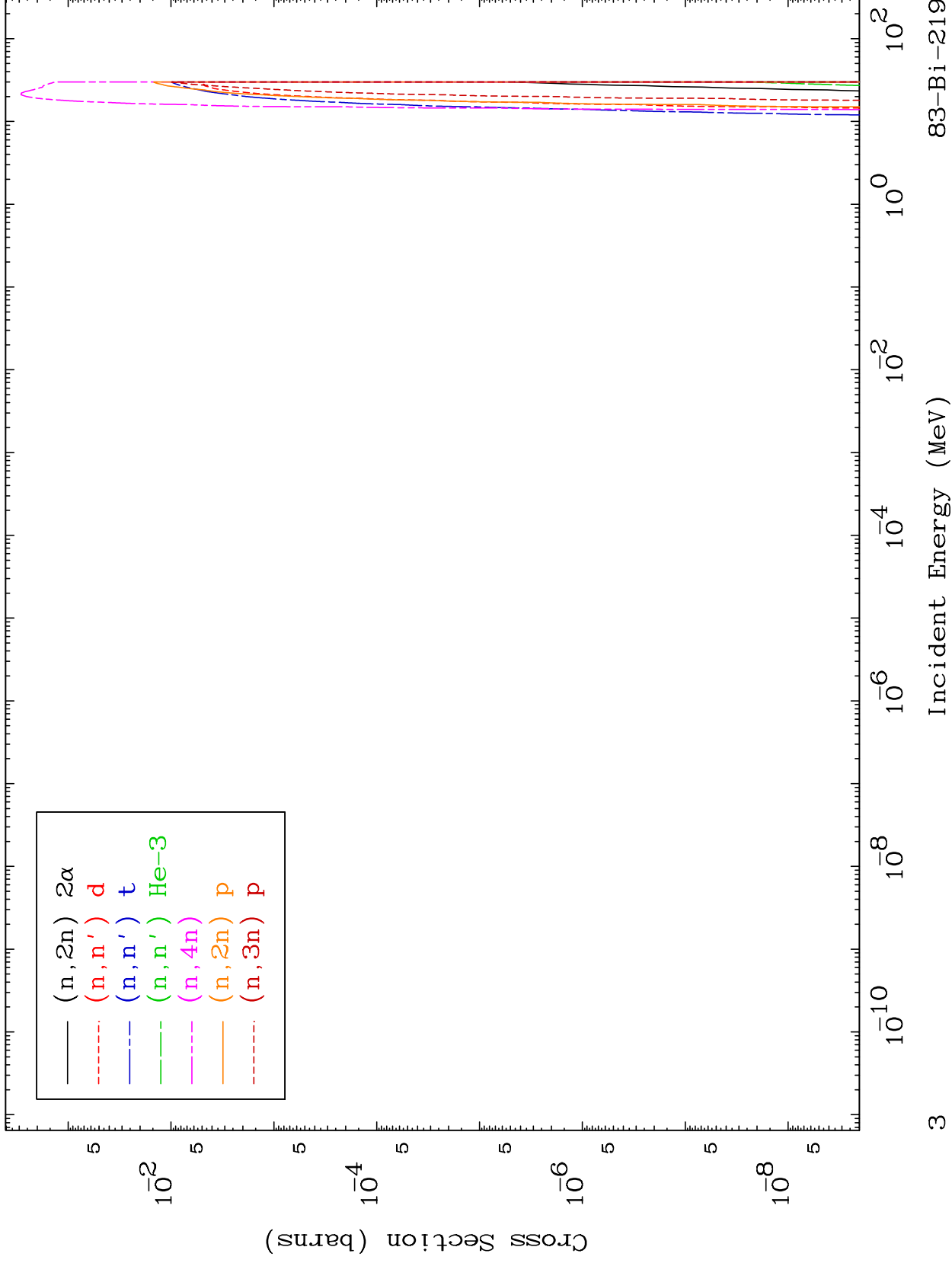
83-Bi-219



MAT 8355

Neutron Production
293 Kelvin Cross Sections

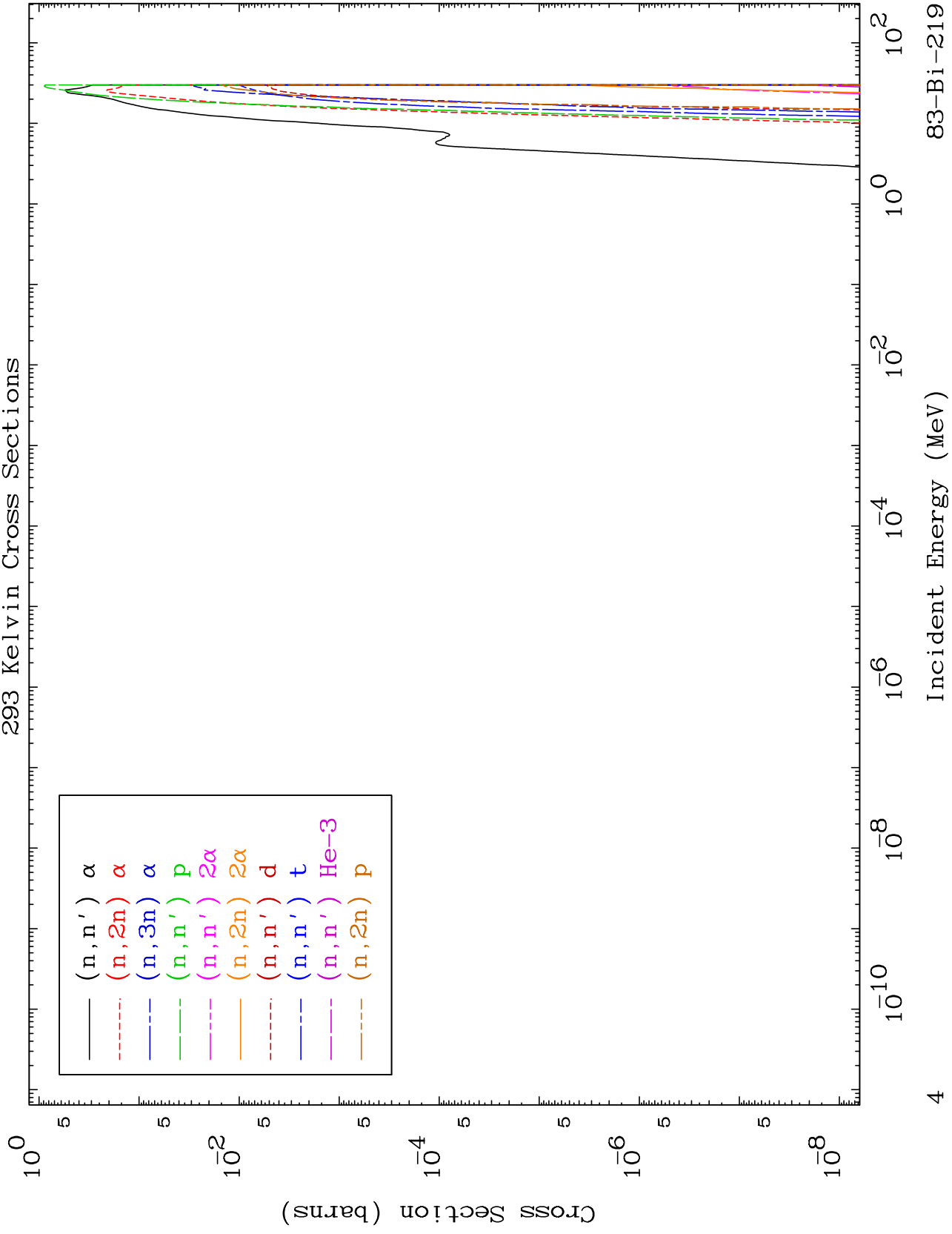
83-Bi-219



MAT 8355

Charged Particle
293 Kelvin Cross Sections

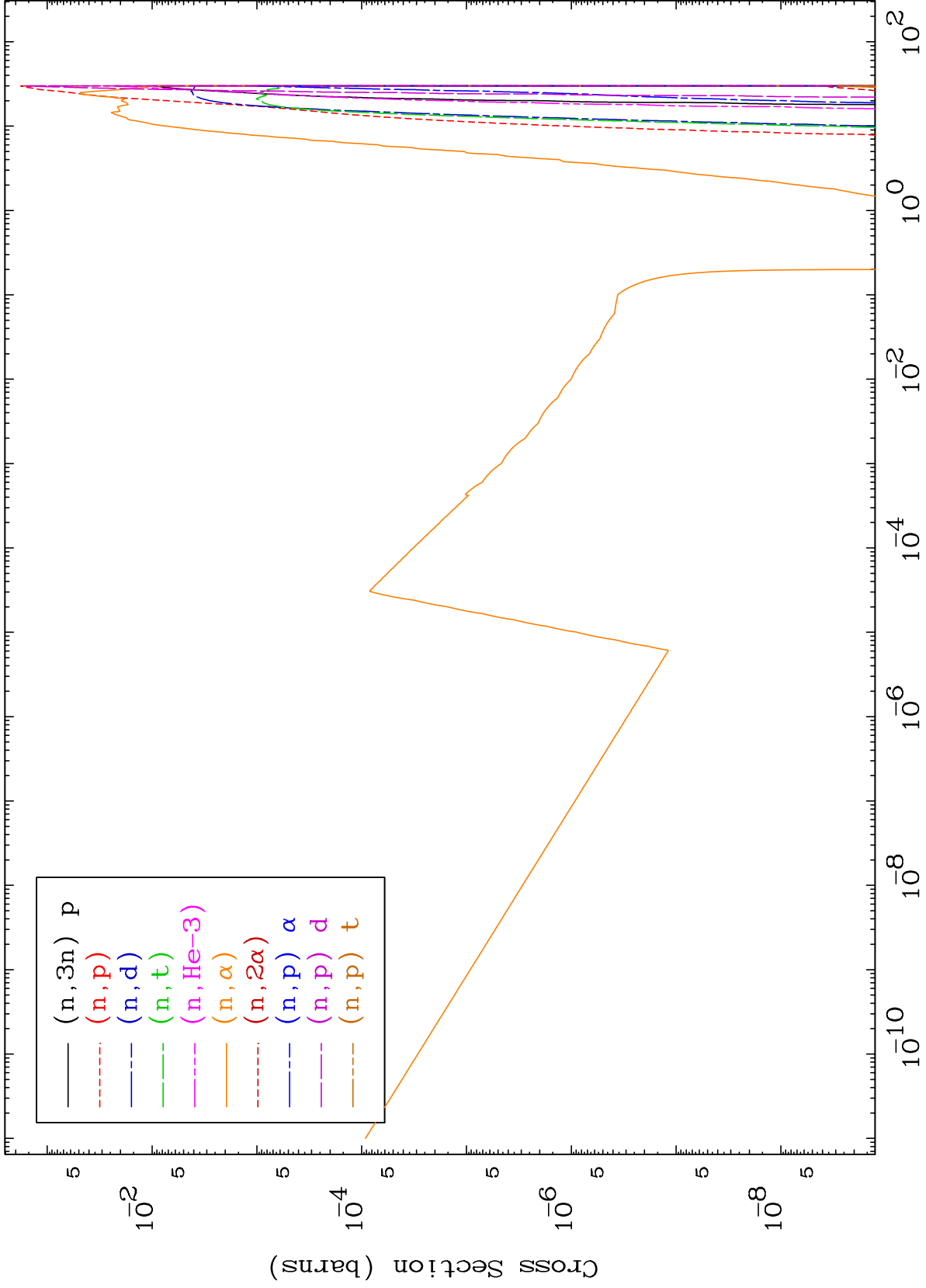
83-Bi-219



MAT 8355

Charged Particle
293 Kelvin Cross Sections

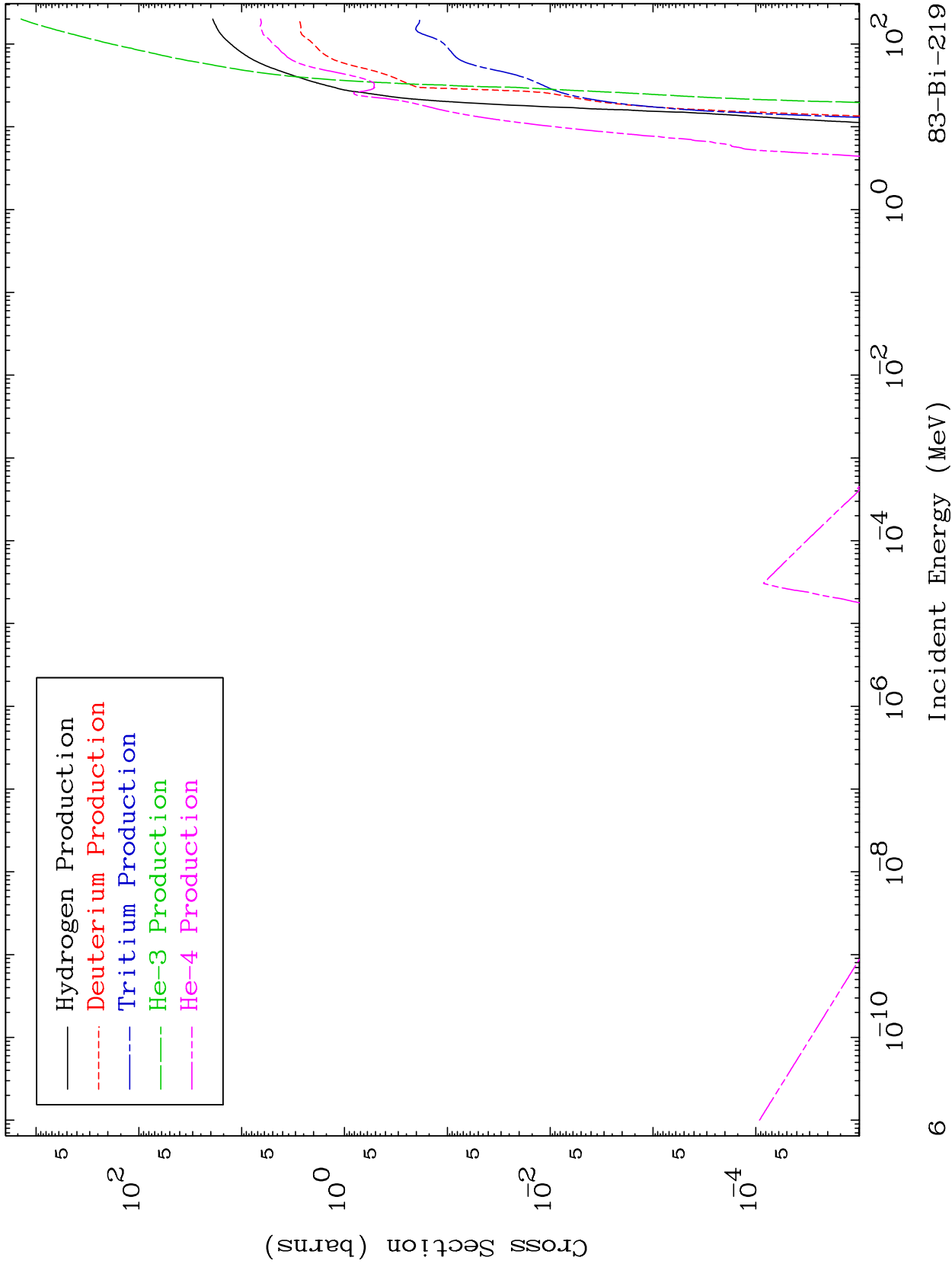
83-Bi-219



5

Incident Energy (MeV)

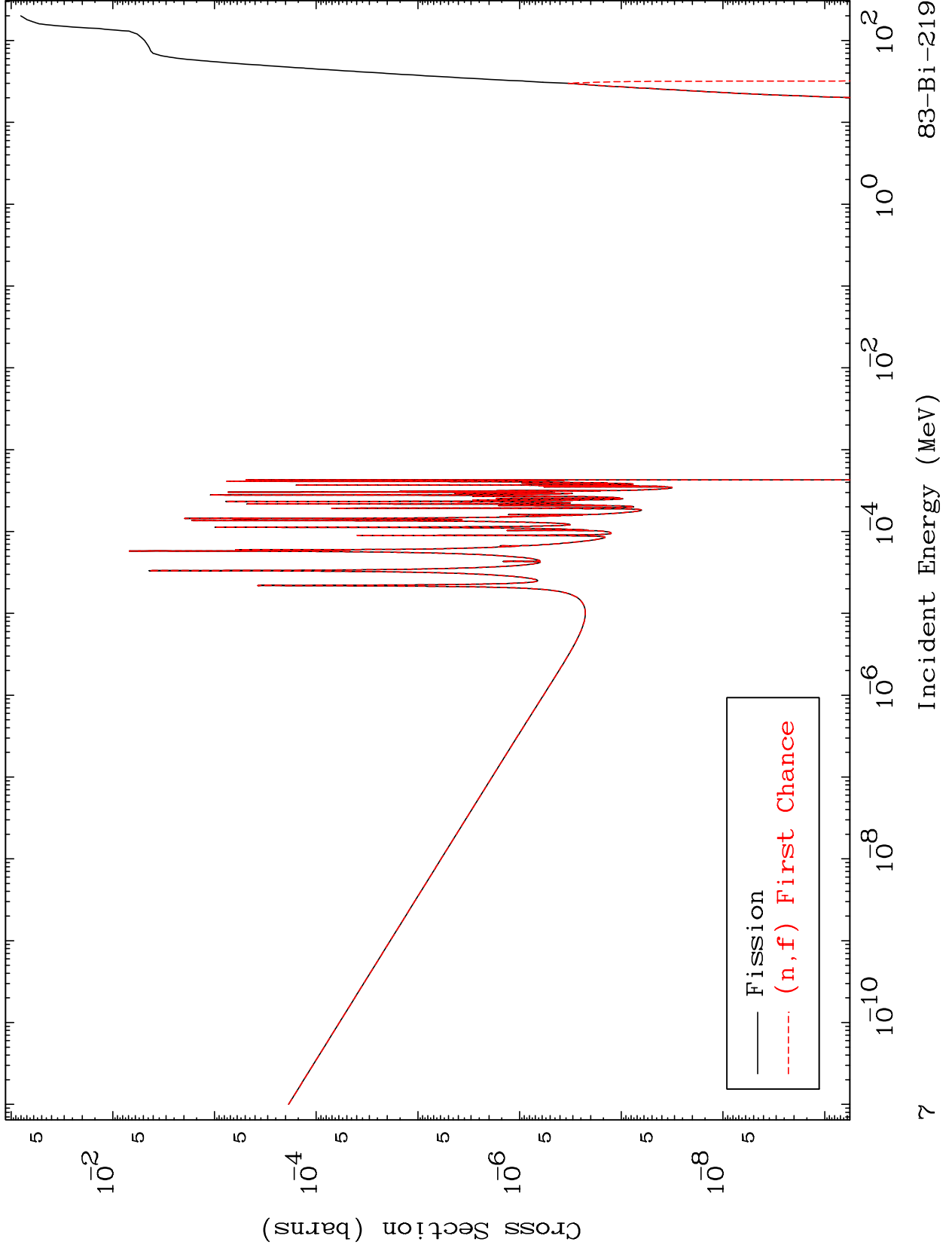
83-Bi-219



MAT 8355

Fission
293 Kelvin Cross Sections

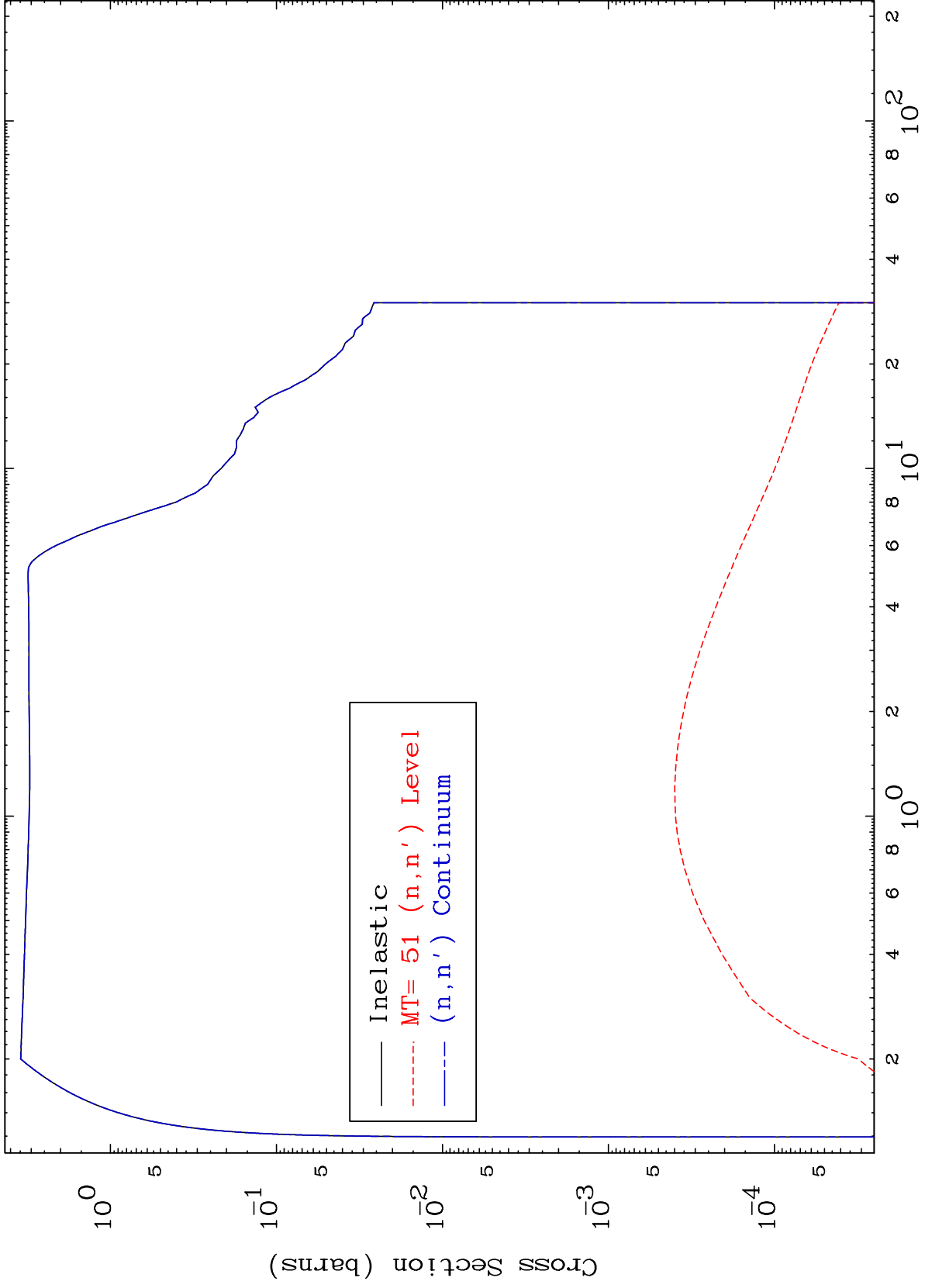
83-Bi-219



MAT 8355

(n,n') Level
293 Kelvin Cross Sections

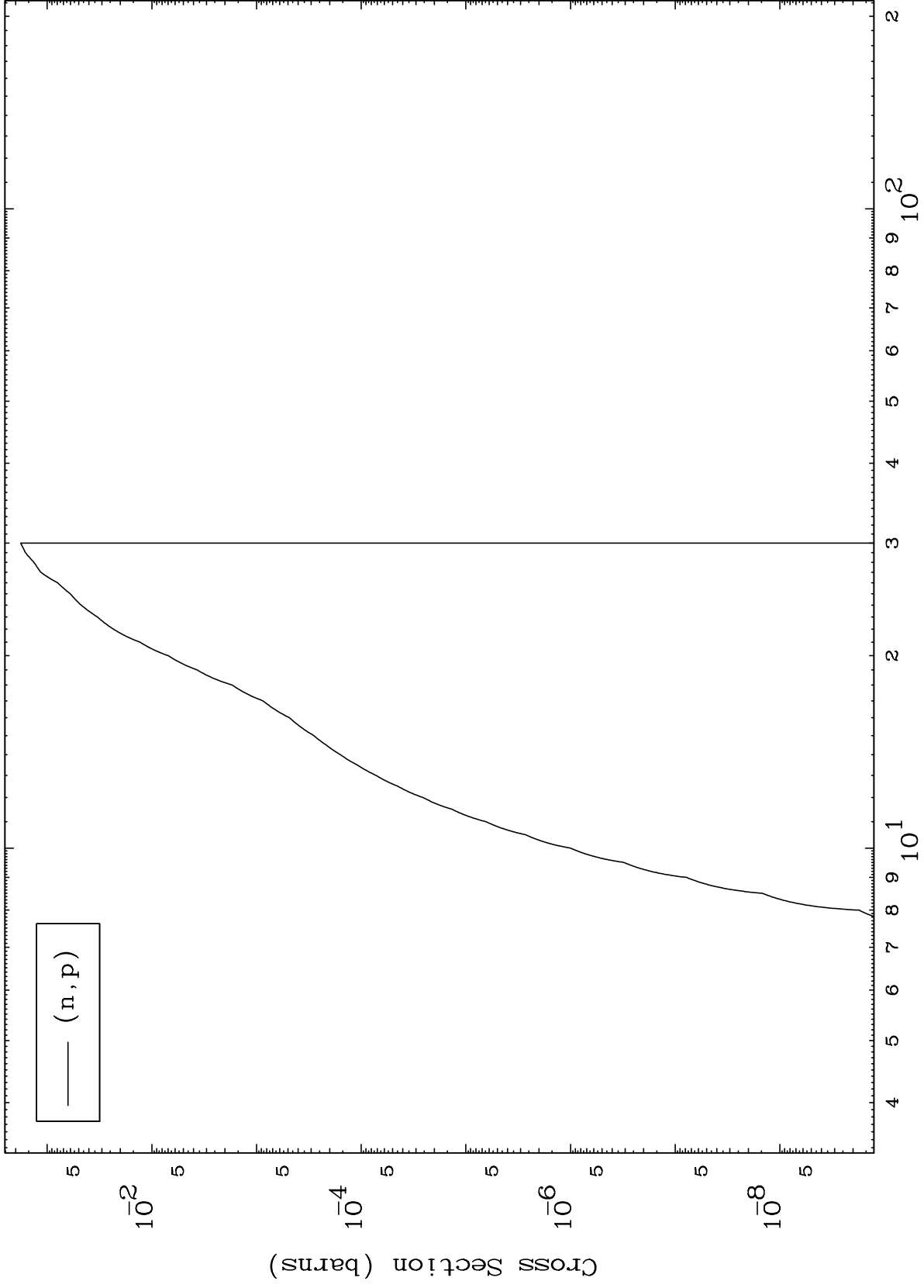
83-Bi-219



MAT 8355

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-219



9

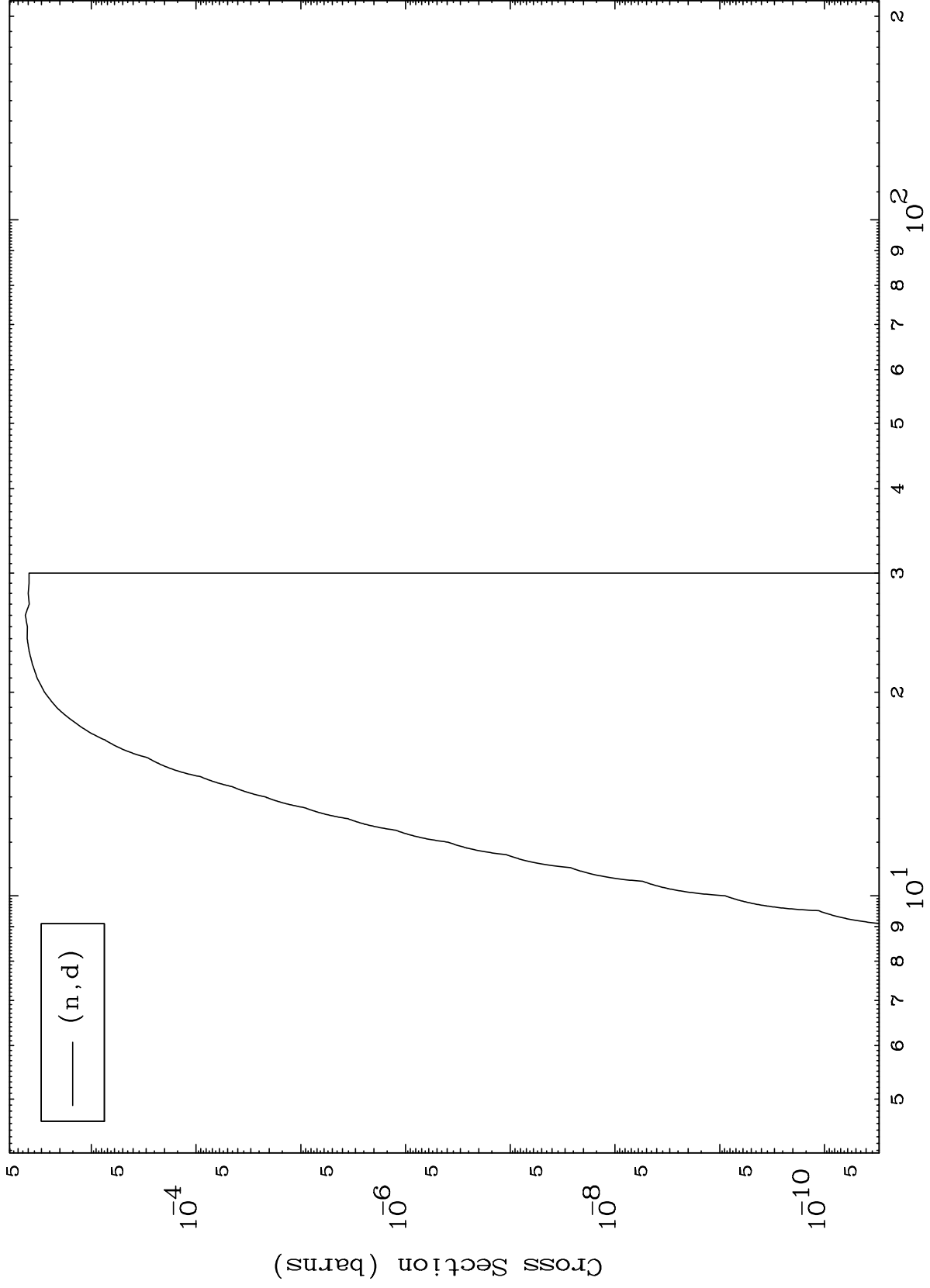
Incident Energy (MeV)

83-Bi-219

MAT 8355

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-219



10

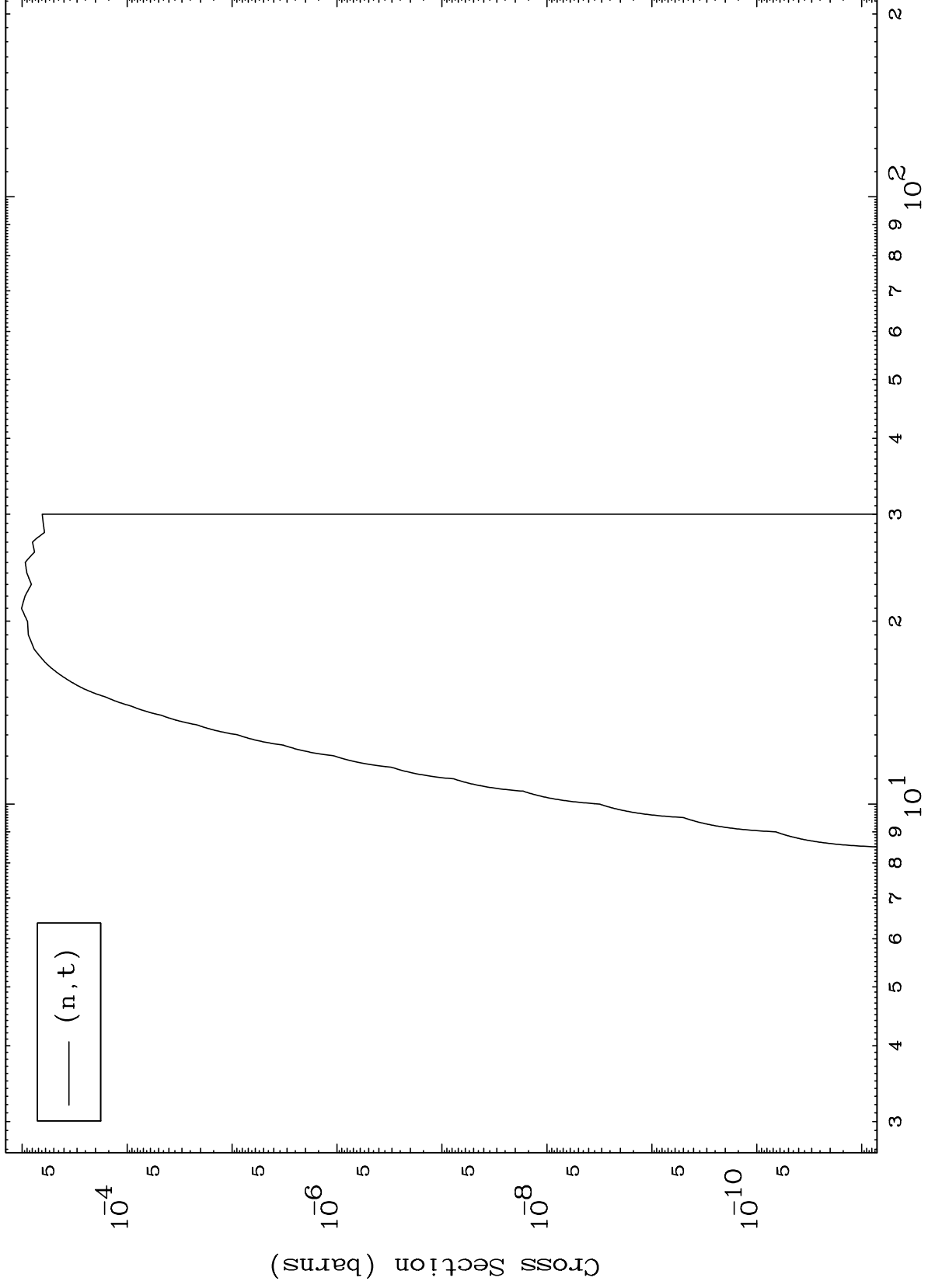
Incident Energy (MeV)

83-Bi-219

MAT 8355

(n,t) Levels
293 Kelvin Cross Sections

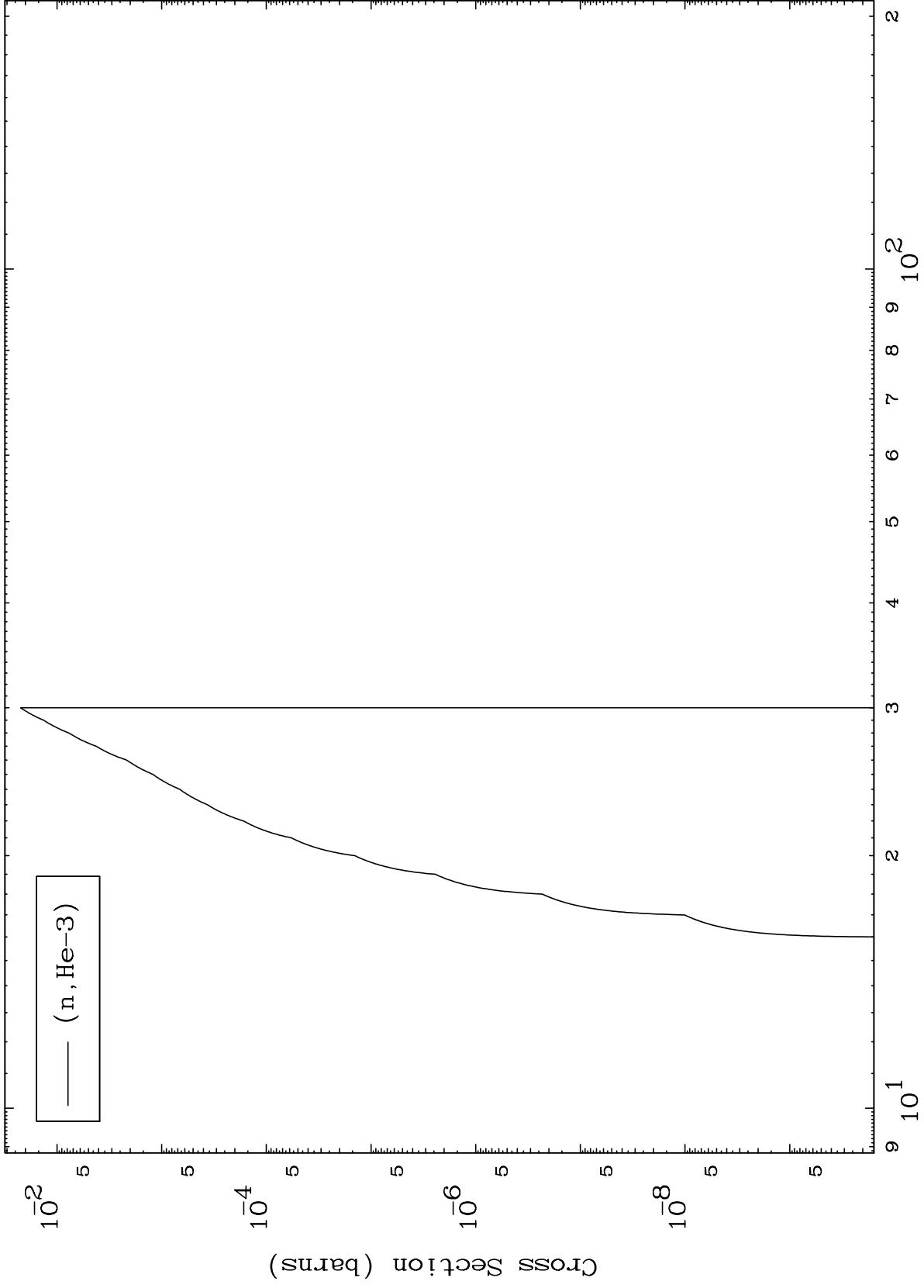
83-Bi-219



MAT 8355

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-219



12

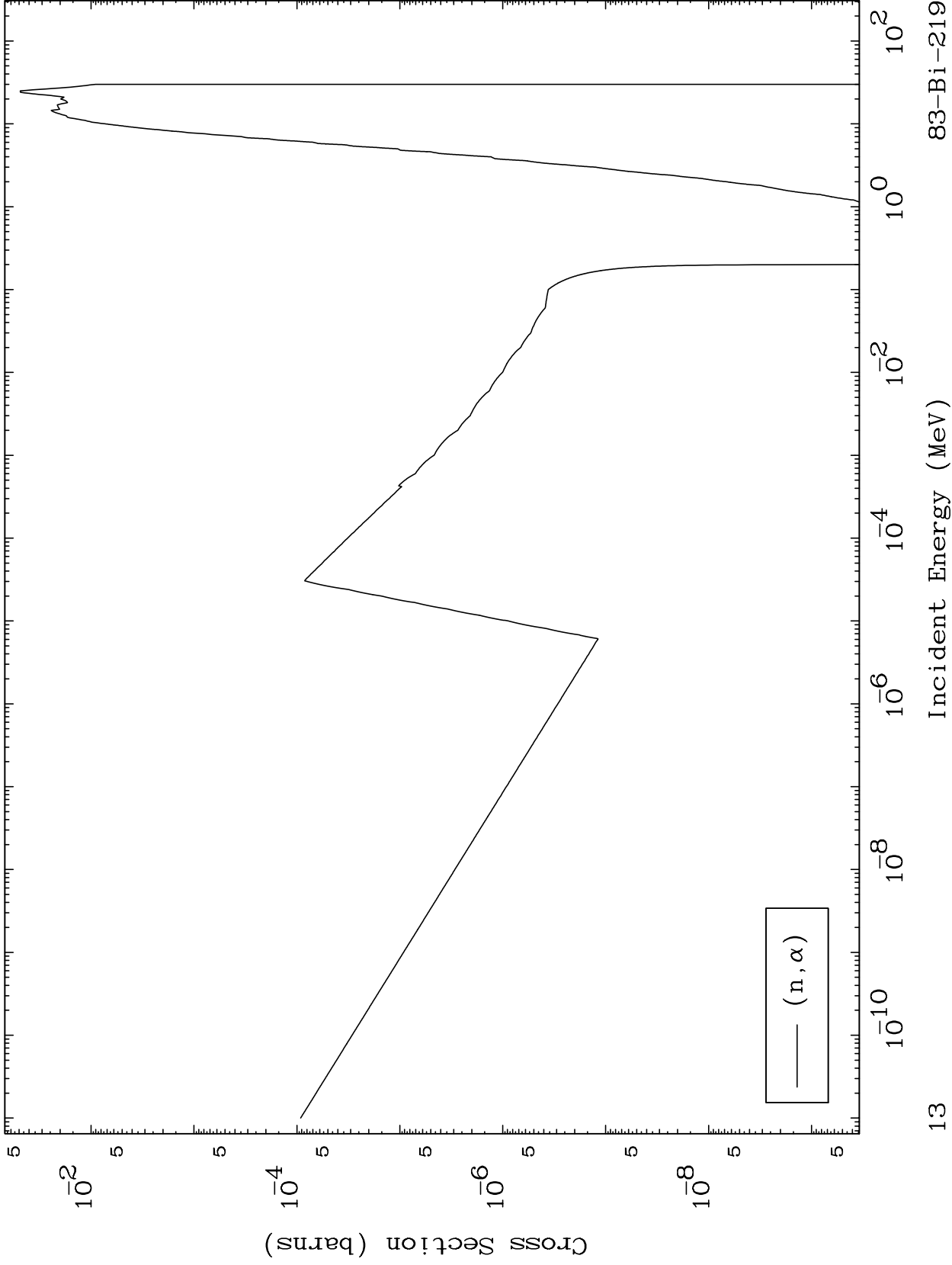
Incident Energy (MeV)

83-Bi-219

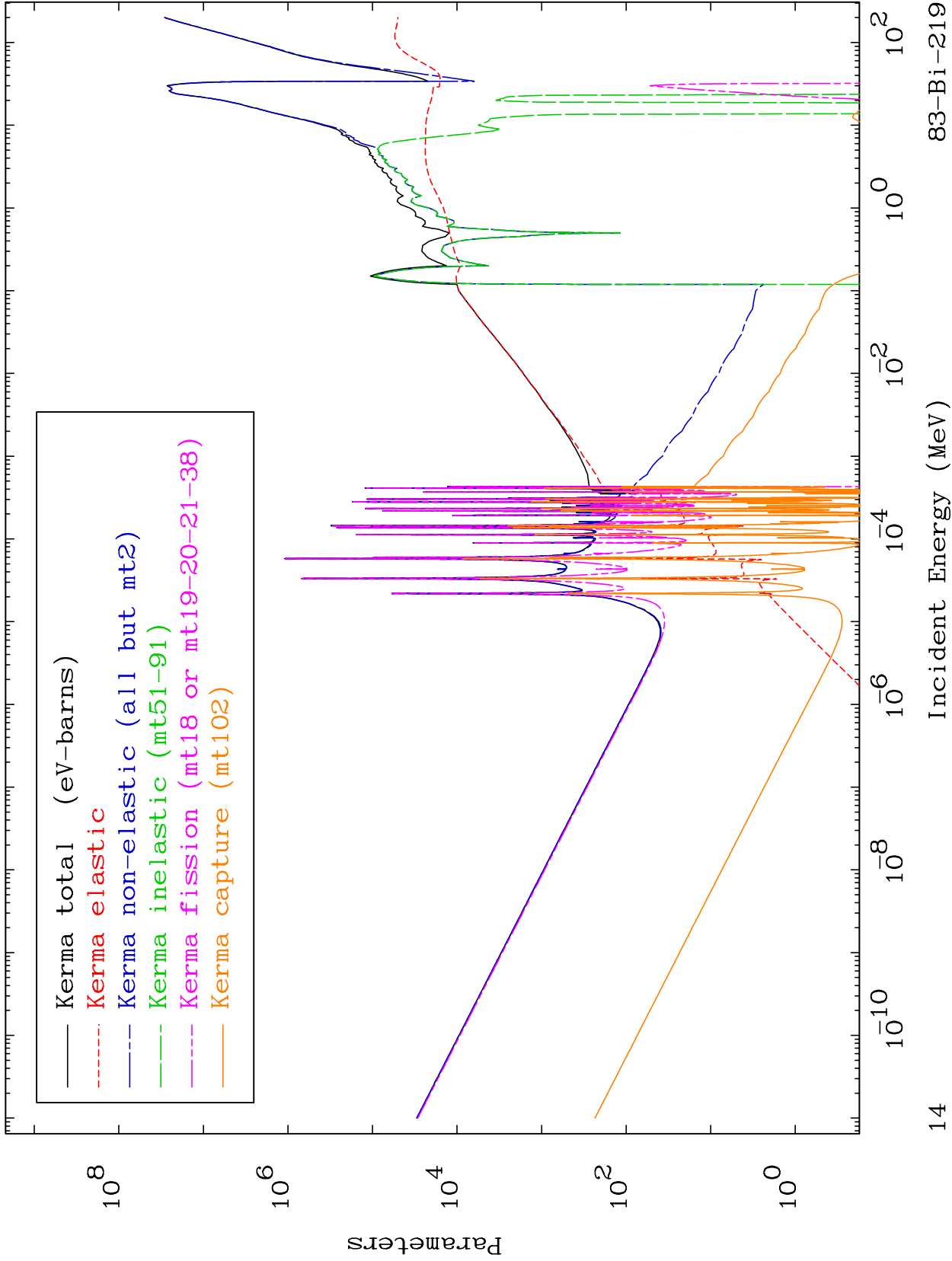
MAT 8355

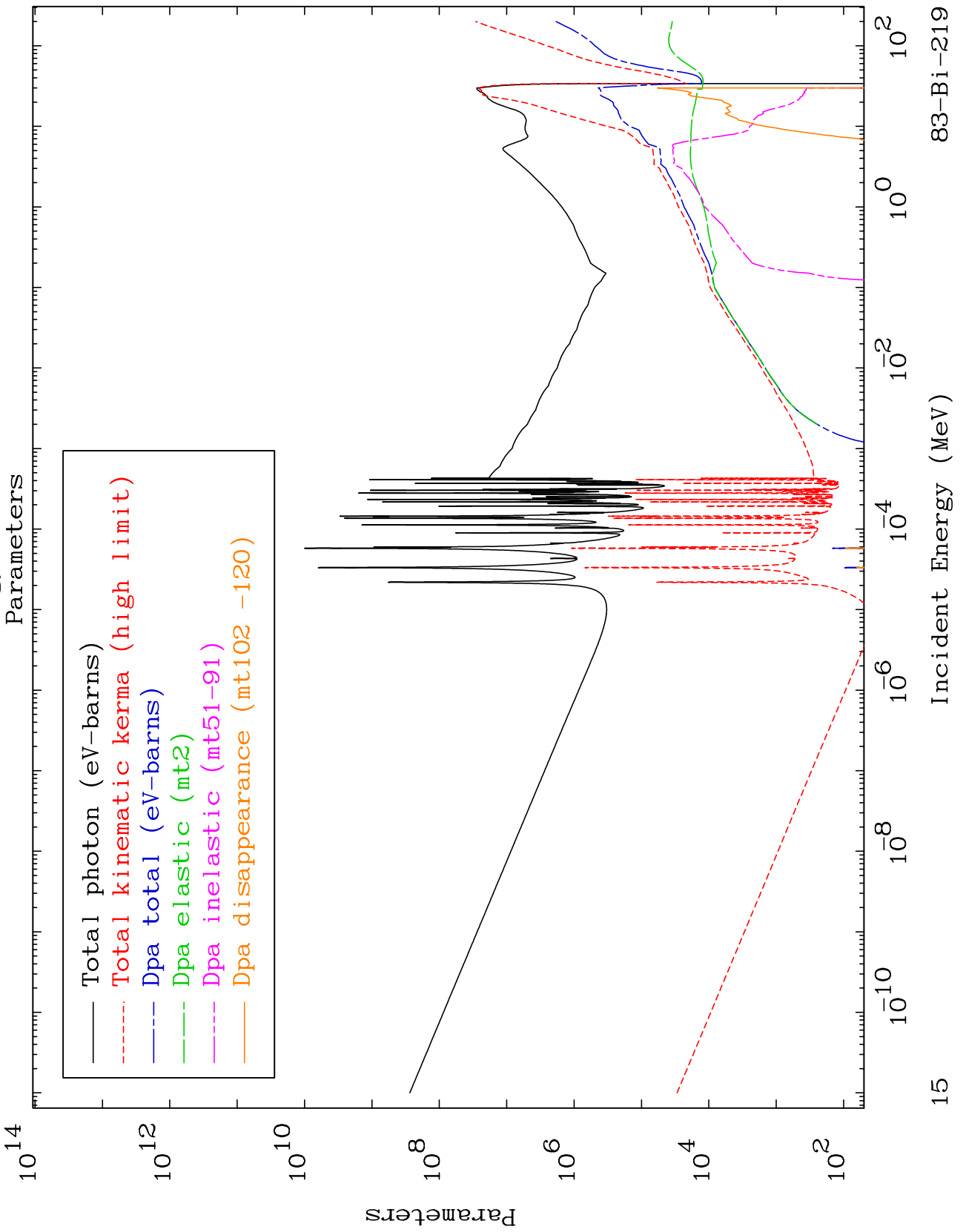
(n,α) Levels
293 Kelvin Cross Sections

83-Bi-219



13

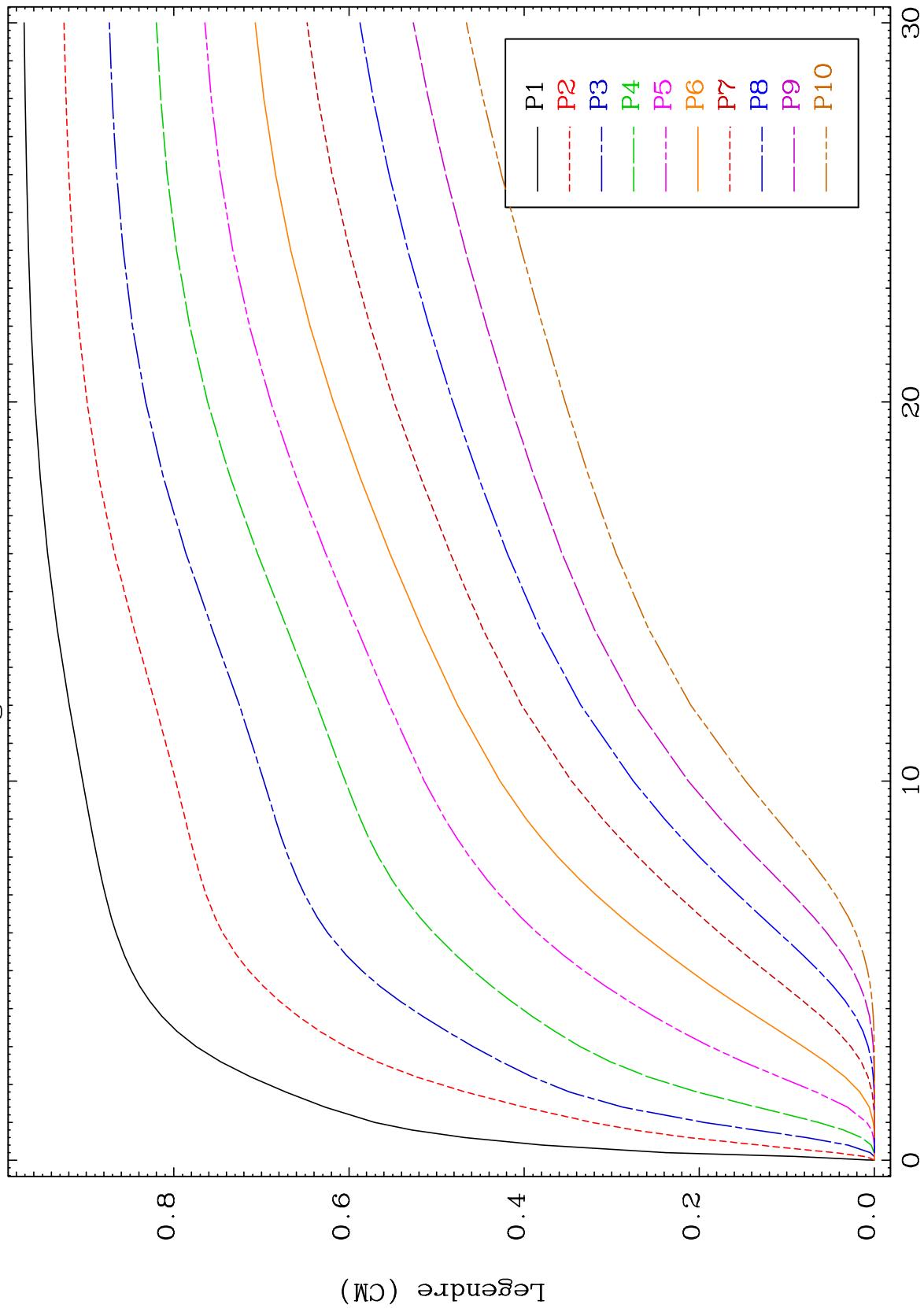




MAT 8355

Elastic Legendre Coefficients

83-Bi-219



16

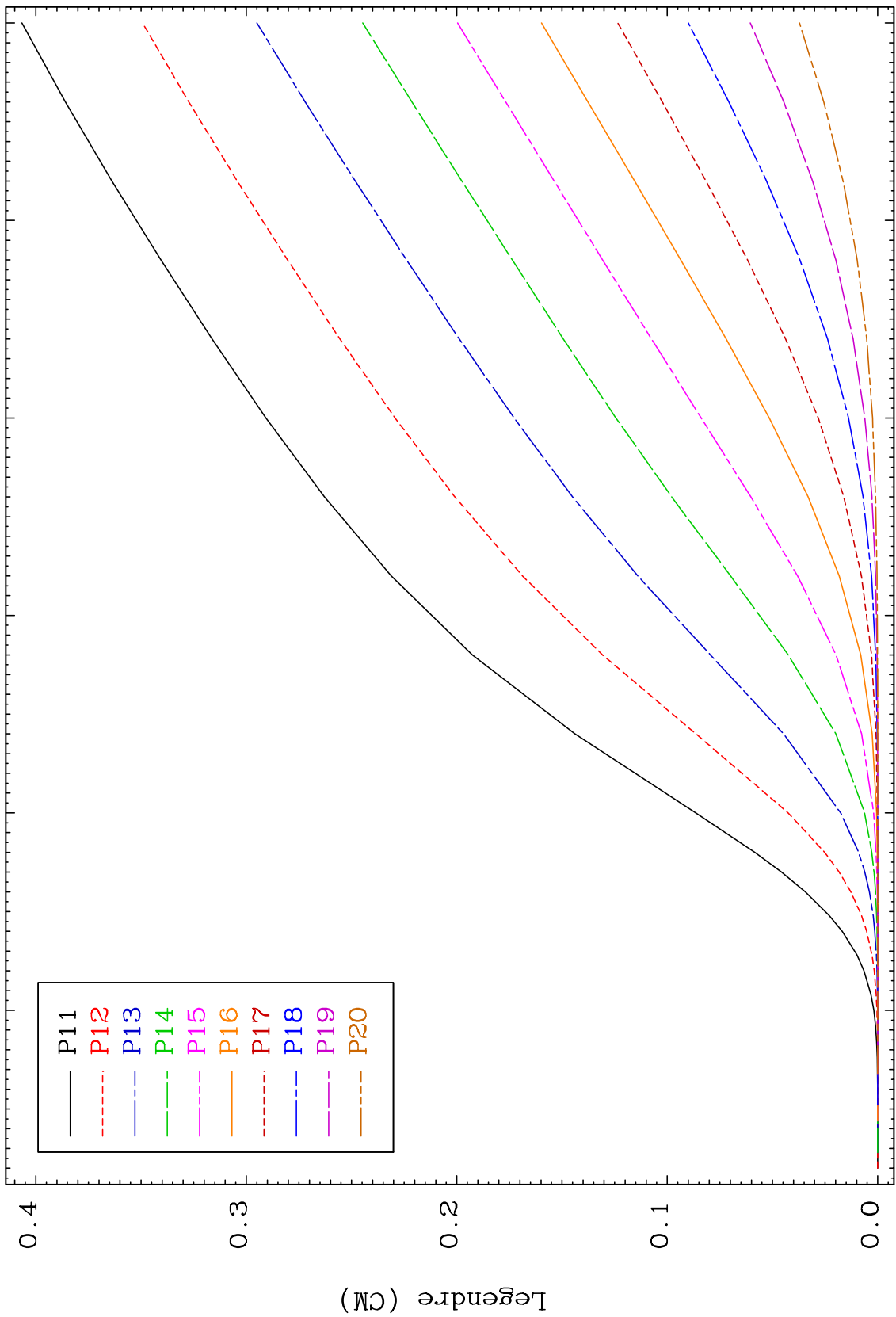
Incident Energy (MeV)

83-Bi-219

MAT 8355

Elastic Legendre Coefficients

83-Bi-219



17

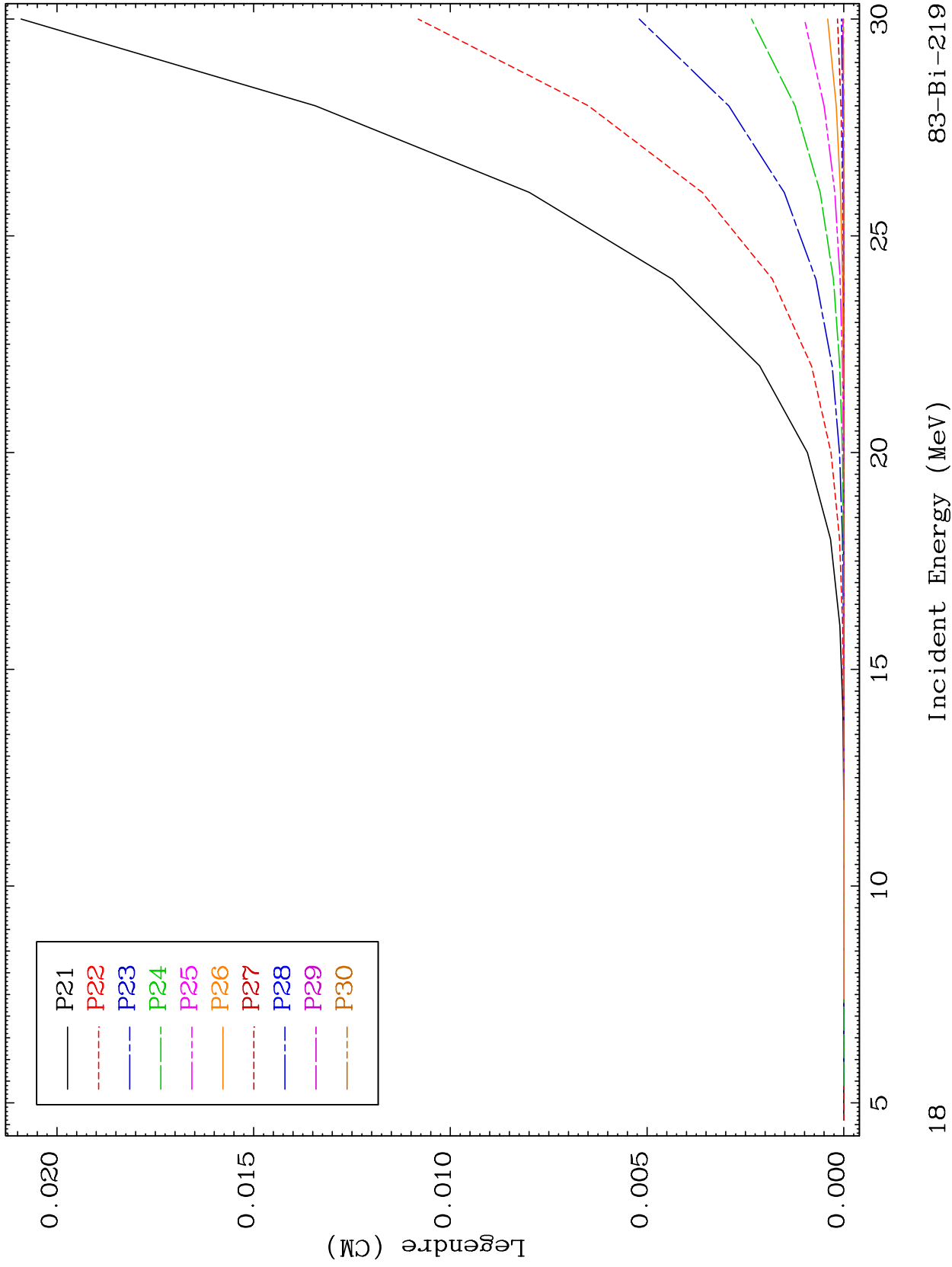
Incident Energy (MeV)

83-Bi-219

MAT 8355

Elastic Legendre Coefficients

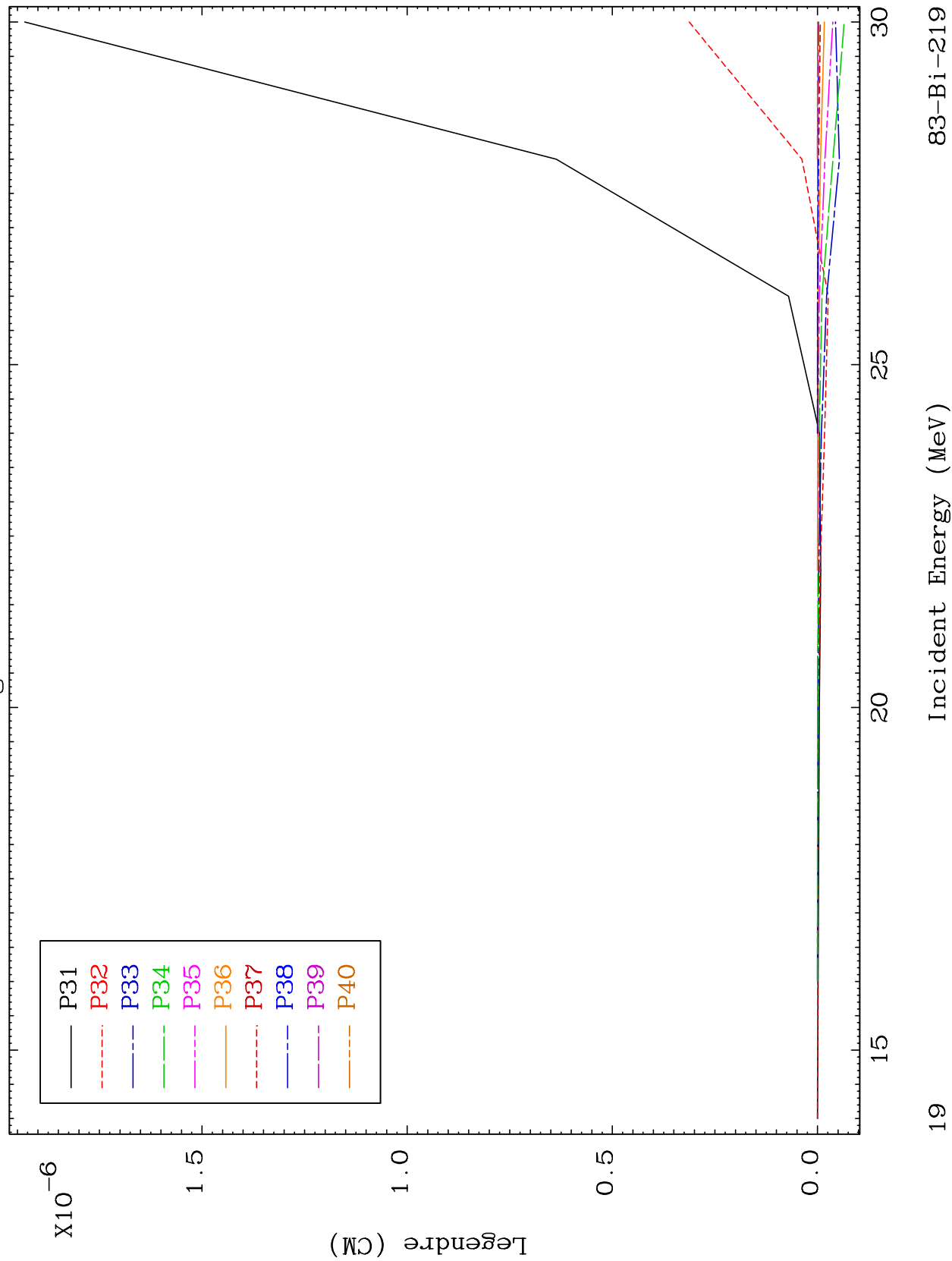
83-Bi-219



MAT 8355

Elastic Legendre Coefficients

83-Bi-219



19

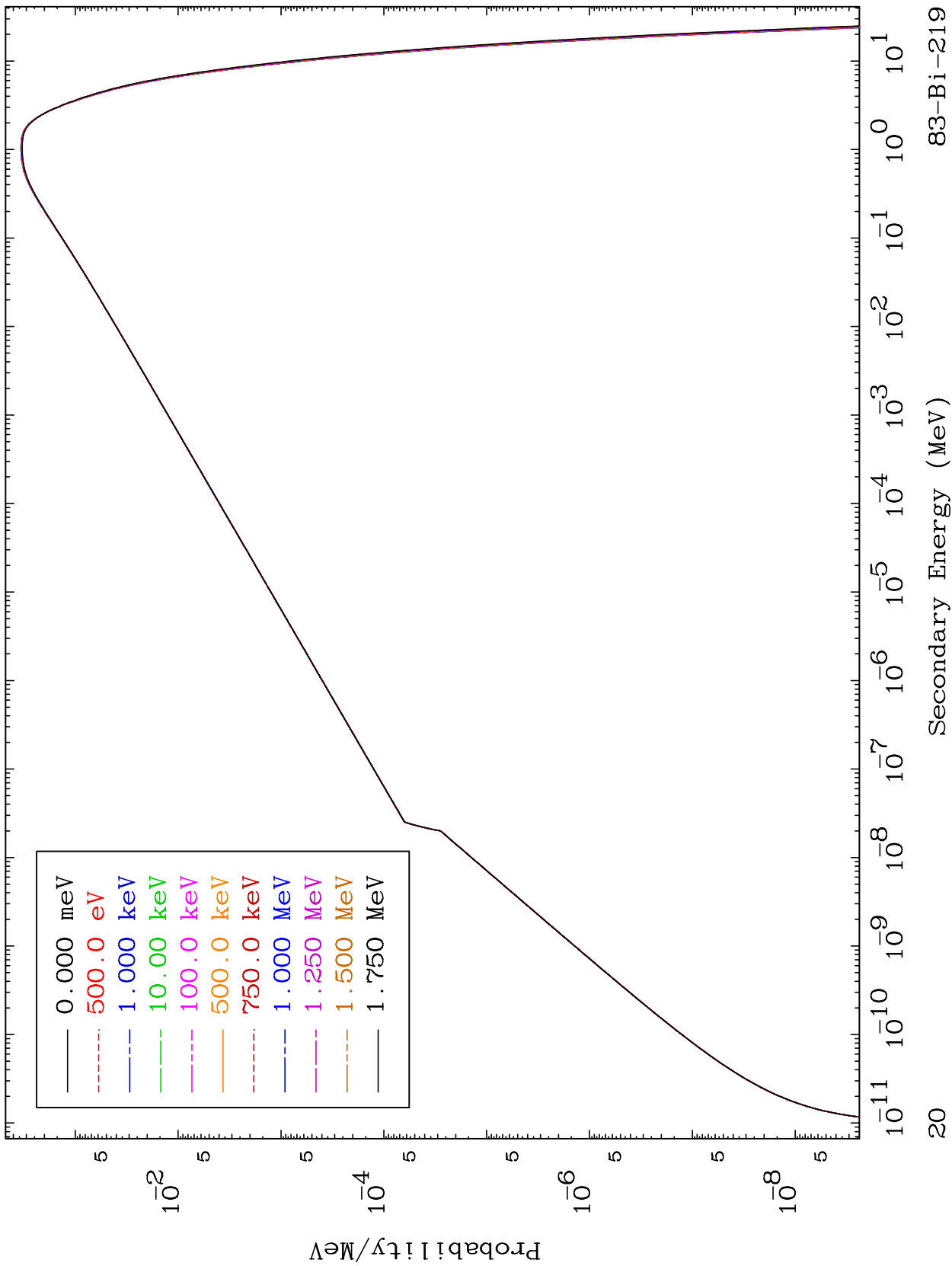
Incident Energy (MeV)

83-Bi-219

MAT 8355

Fission Energy Distribution

83-Bi-219



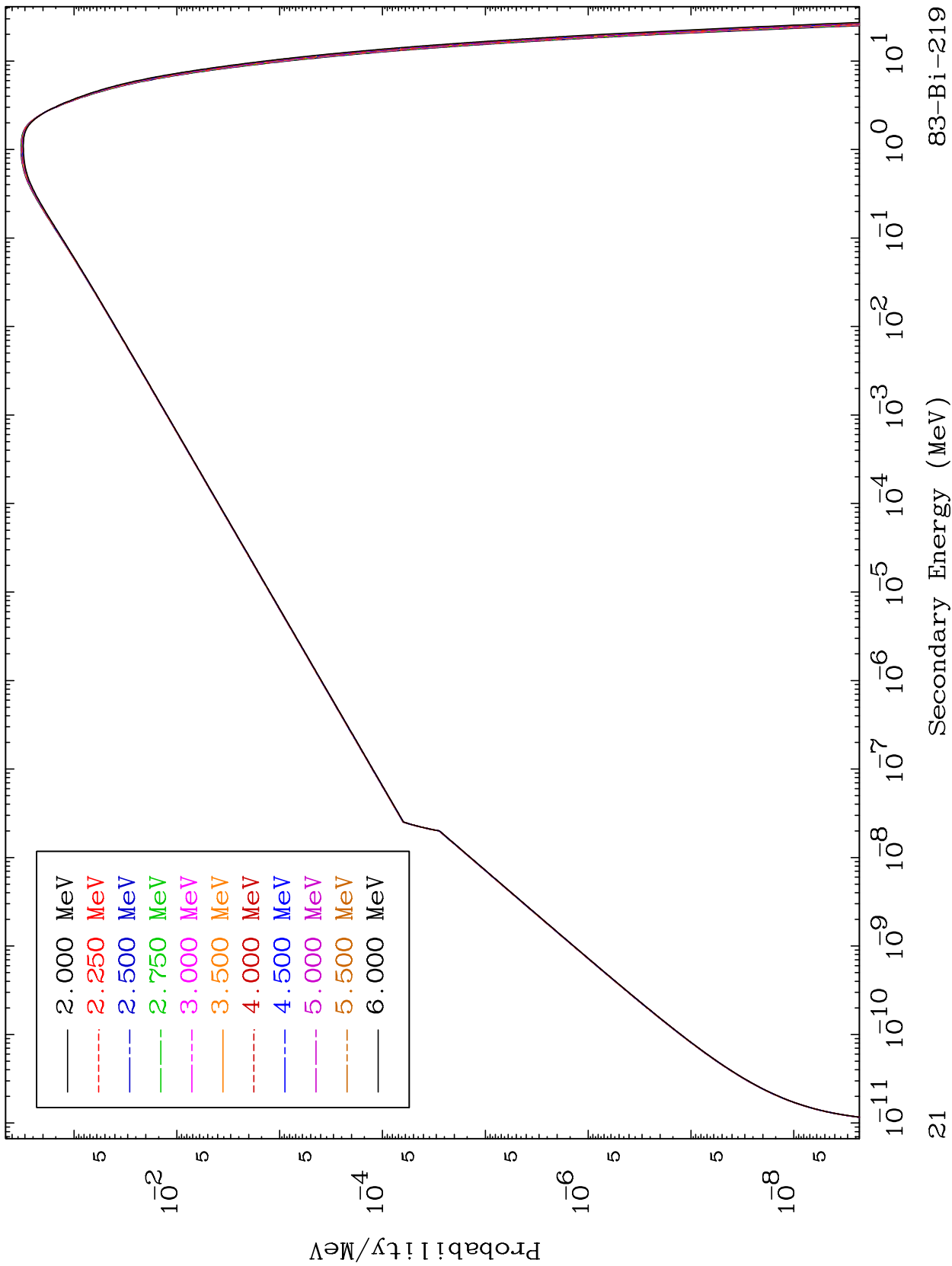
83-Bi-219

Secondary Energy (MeV)

MAT 8355

Fission Energy Distribution

83-Bi-219



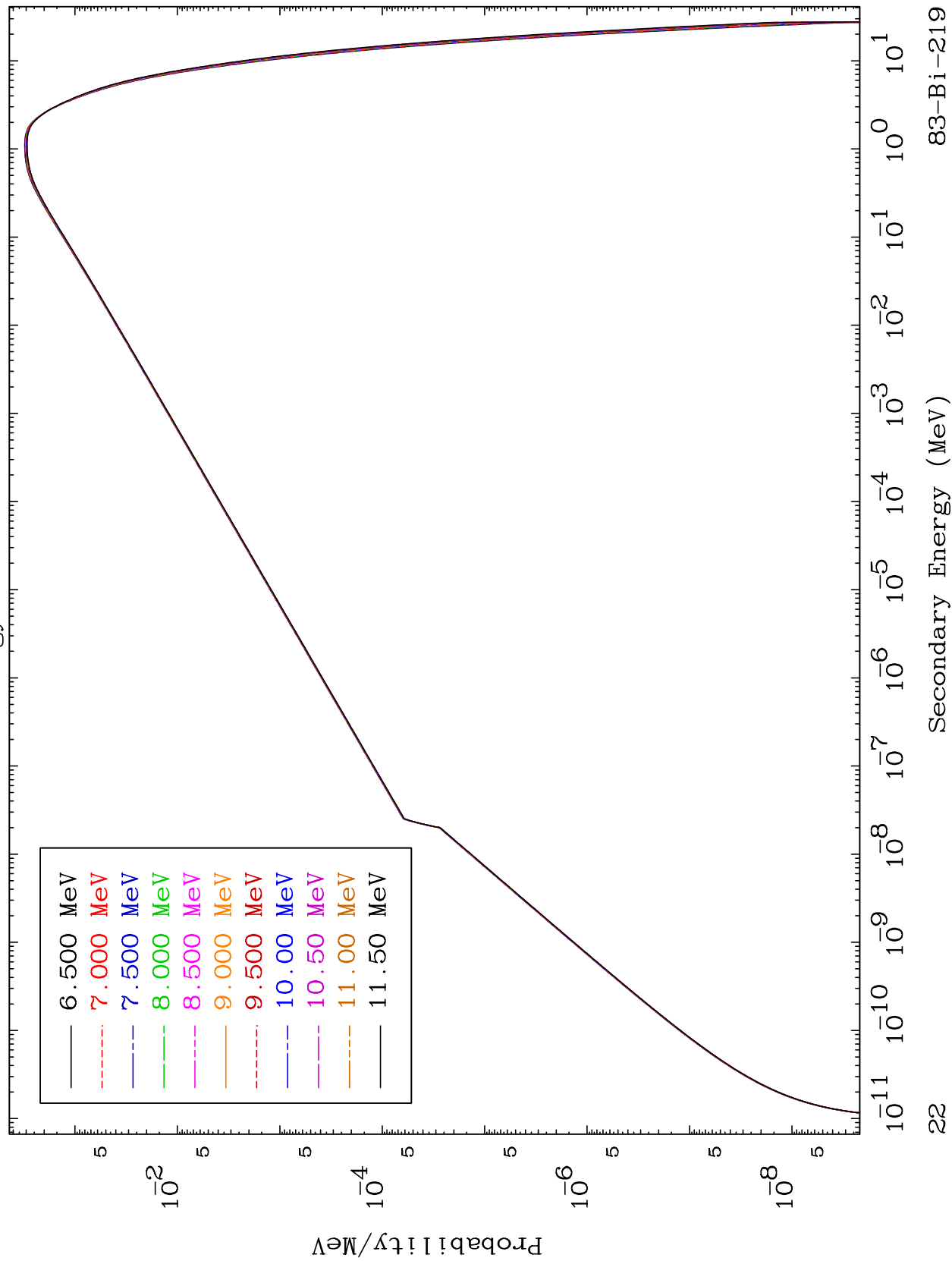
83-Bi-219

Secondary Energy (MeV)

MAT 8355

Fission Energy Distribution

83-Bi-219



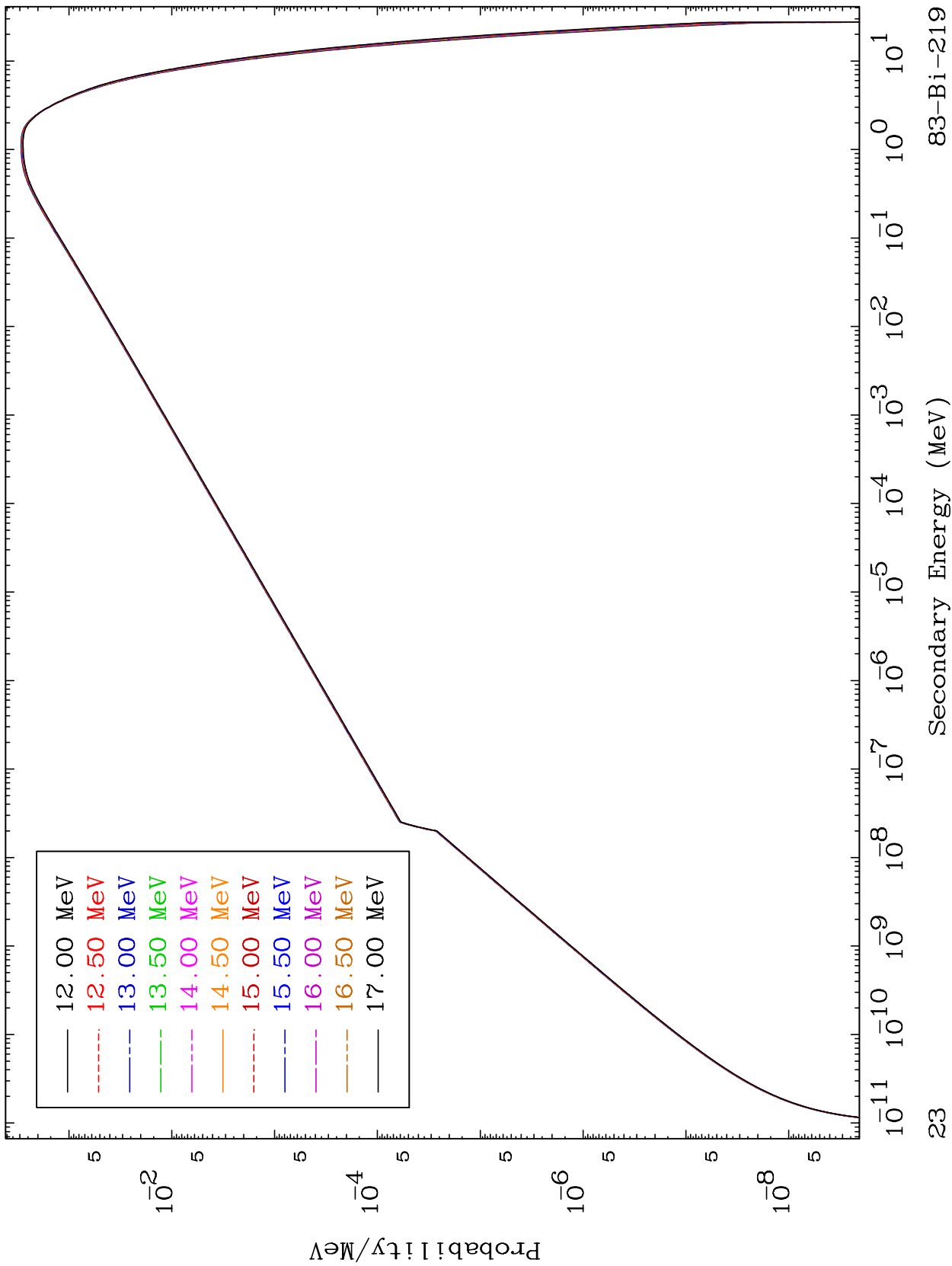
83-Bi-219

Secondary Energy (MeV)

MAT 8355

Fission Energy Distribution

83-Bi-219



83-Bi-219

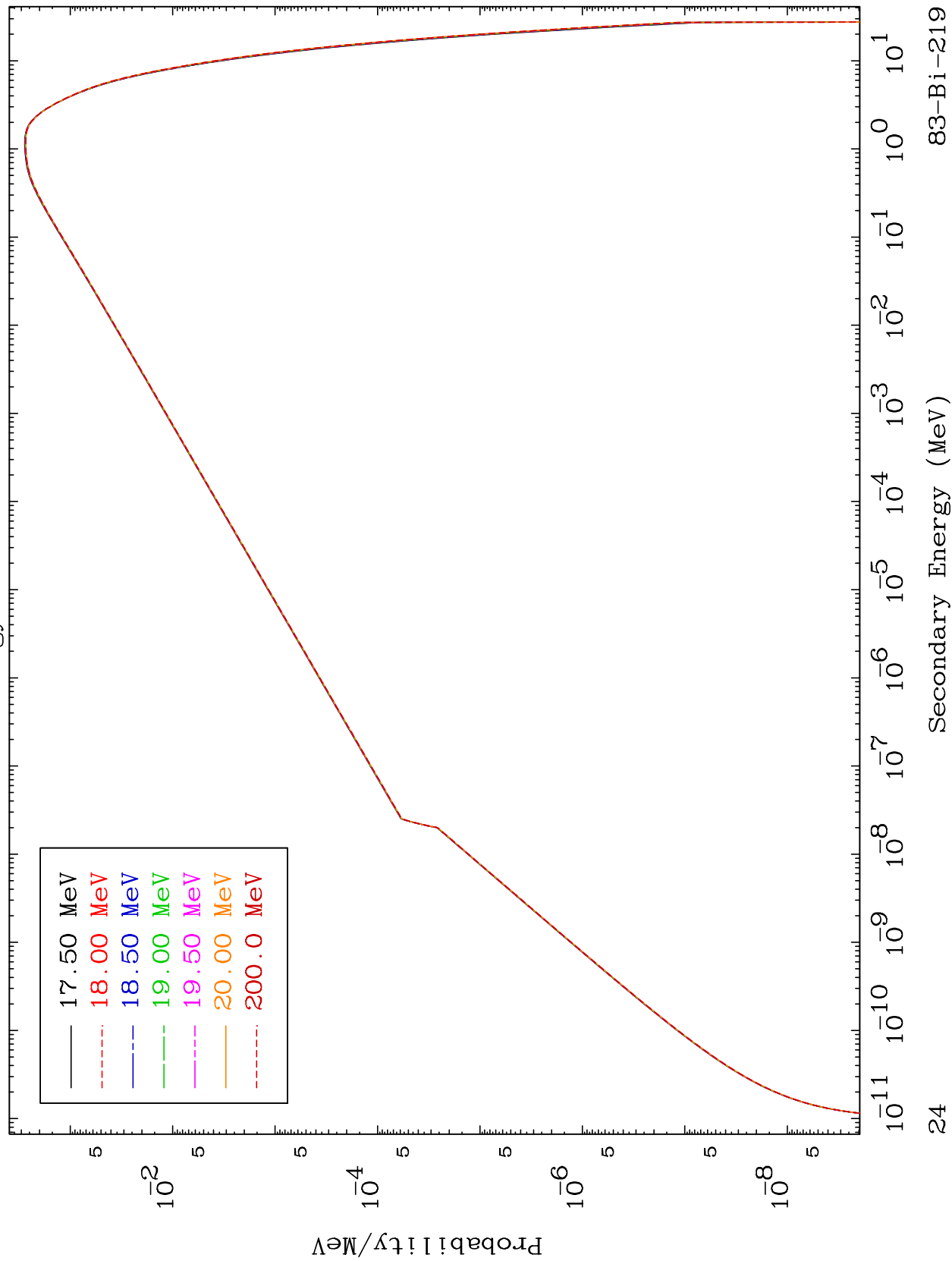
Secondary Energy (MeV)

23

MAT 8355

Fission Energy Distribution

83-Bi-219



83-Bi-219

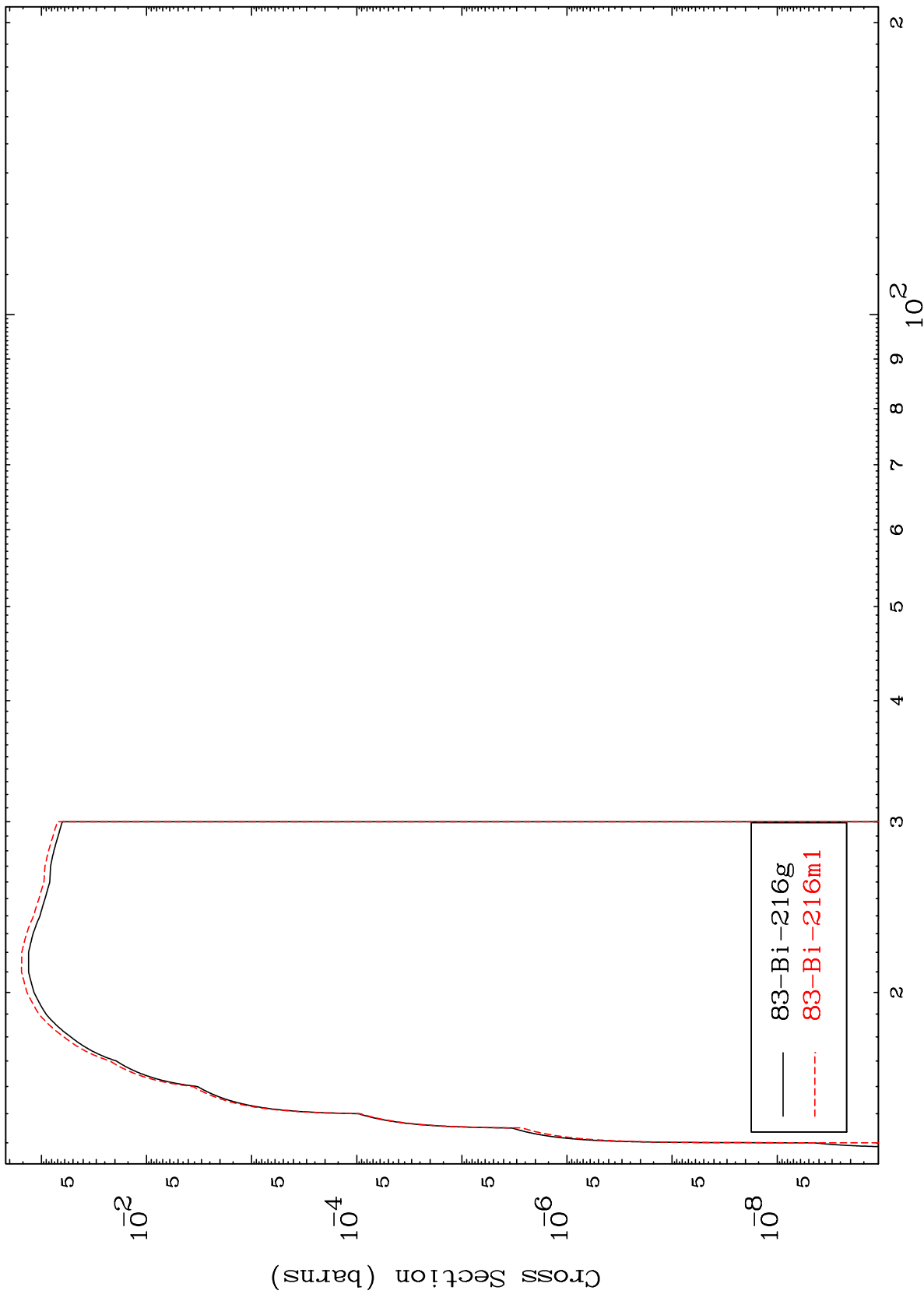
Secondary Energy (MeV)

24

MAT 8355

83-Bi-219

(n,4n)
Radionuclide Production Cross Section



83-Bi-219

Incident Energy (MeV)

25