

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

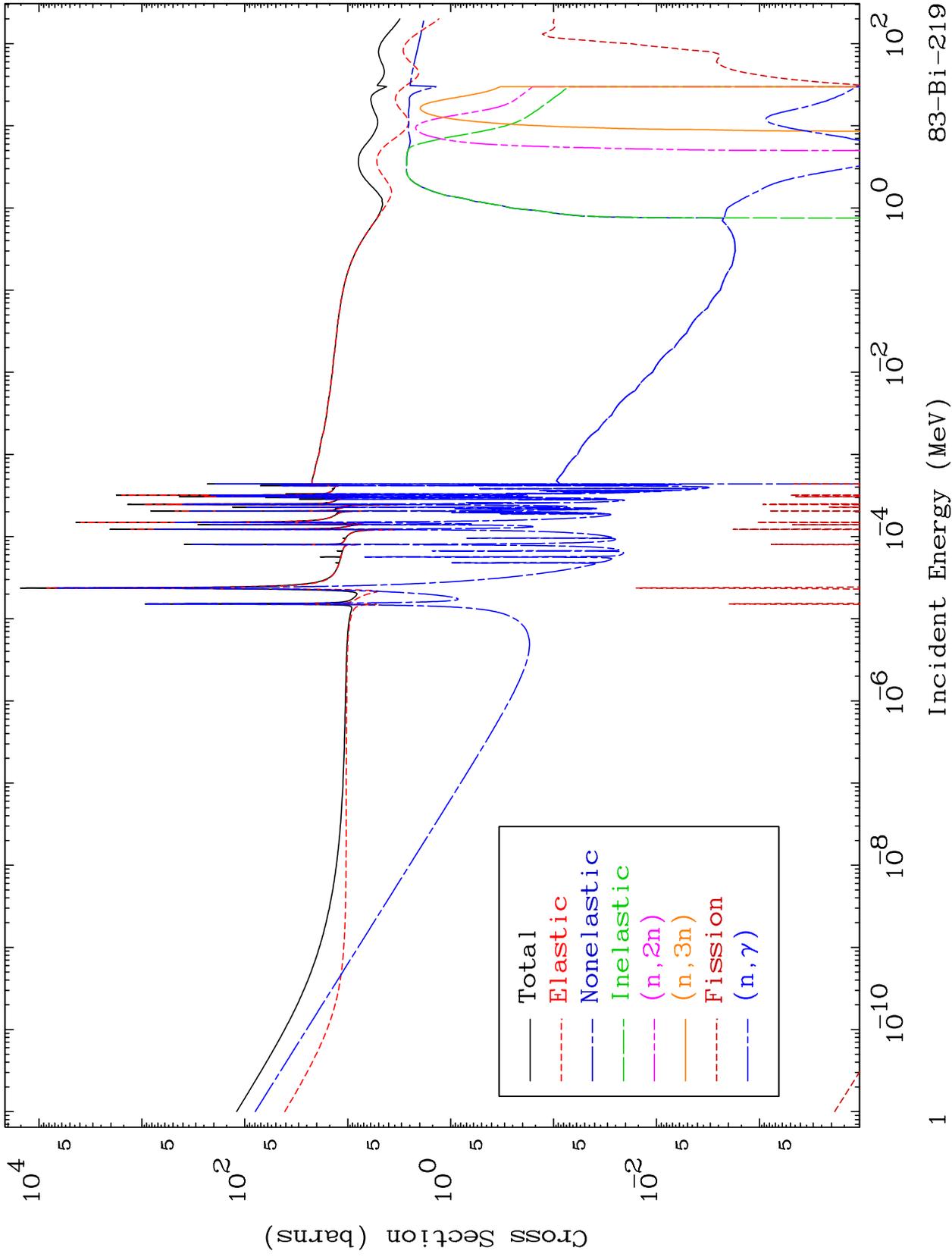
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8355

Neutron Major
293 Kelvin Cross Sections

83-Bi-219

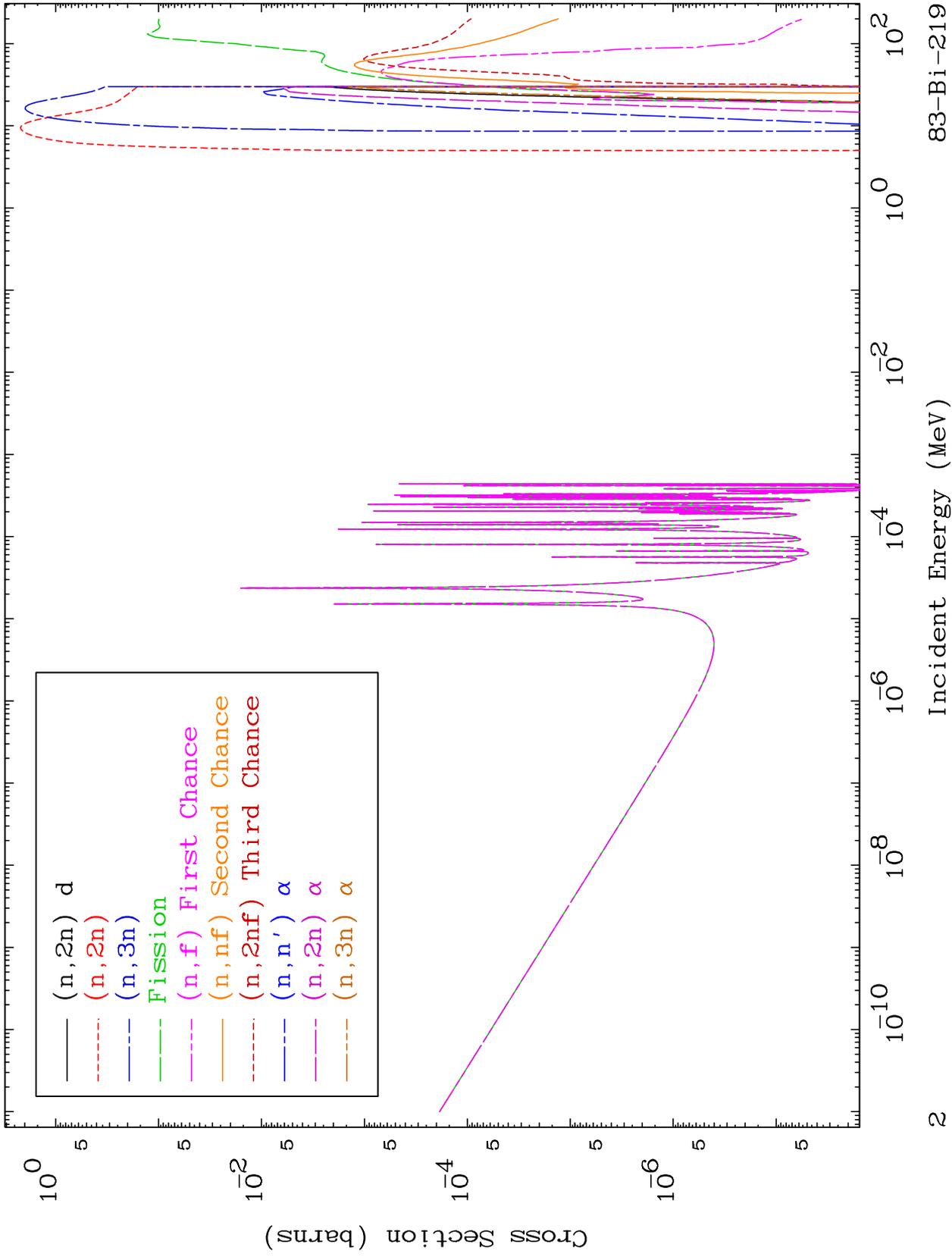


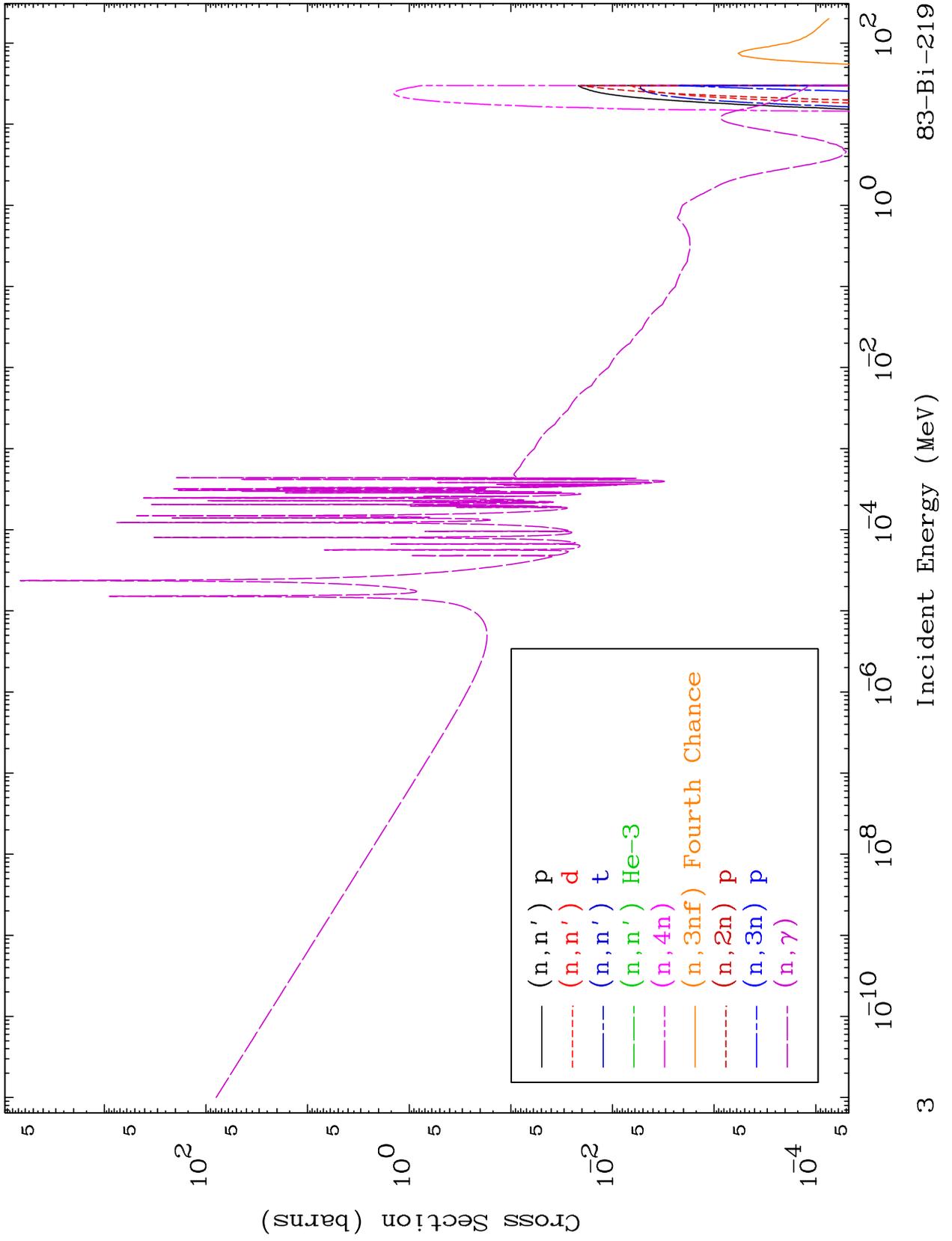
83-Bi-219

MAT 8355

Neutron Absorption
293 Kelvin Cross Sections

83-Bi-219

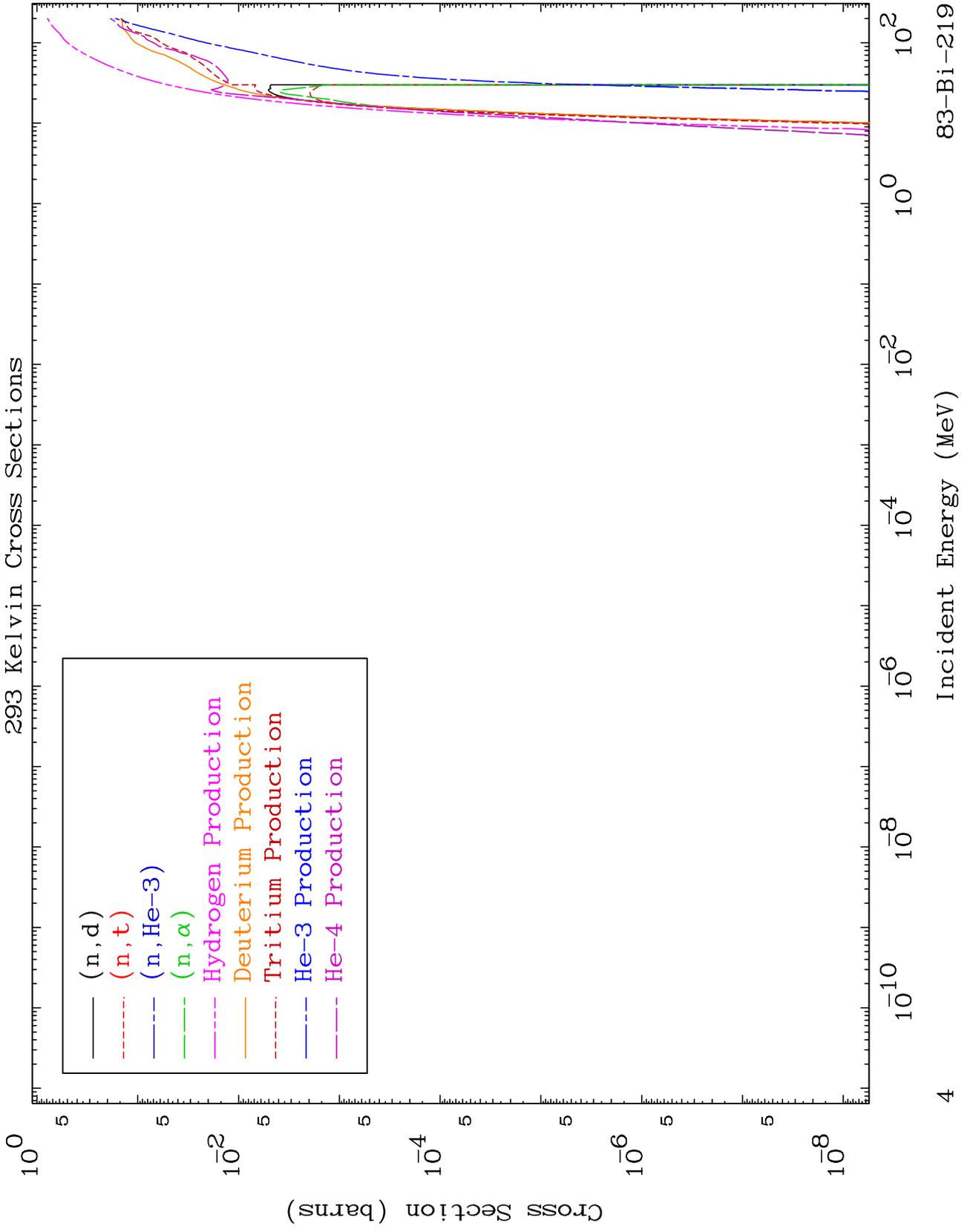




MAT 8355

Neutron Absorption
293 Kelvin Cross Sections

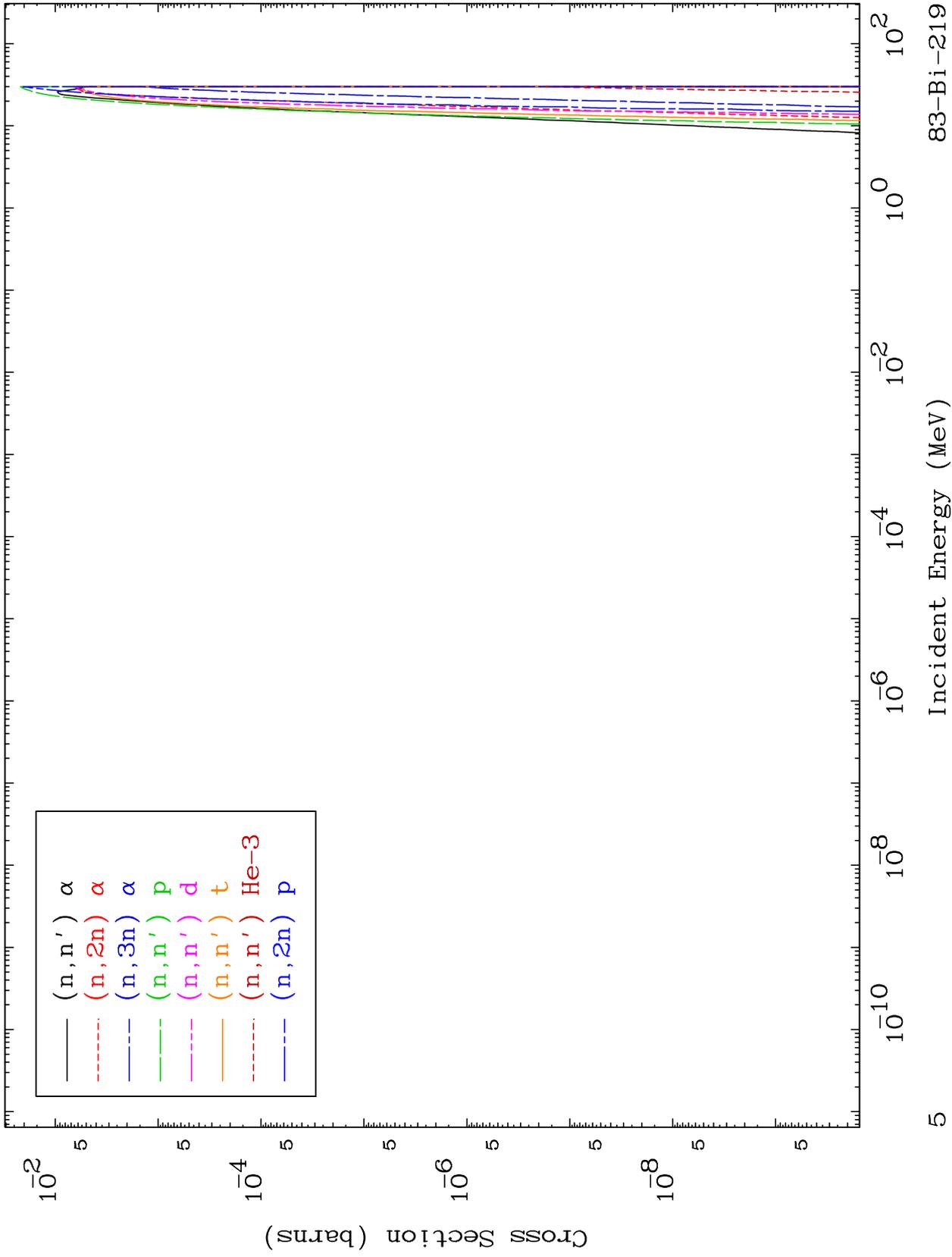
83-Bi-219



MAT 8355

Charged Particle
293 Kelvin Cross Sections

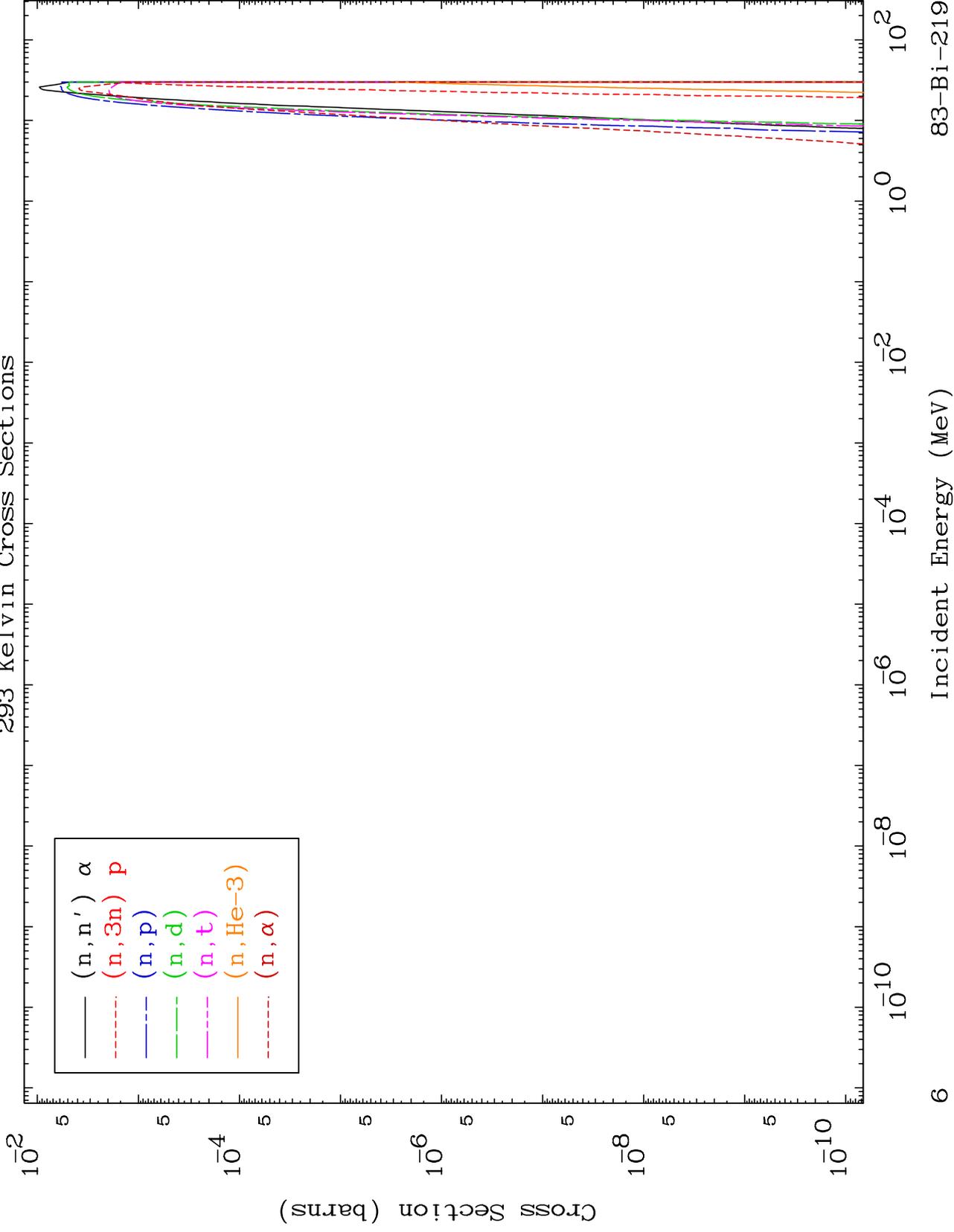
83-Bi-219



MAT 8355

Charged Particle
293 Kelvin Cross Sections

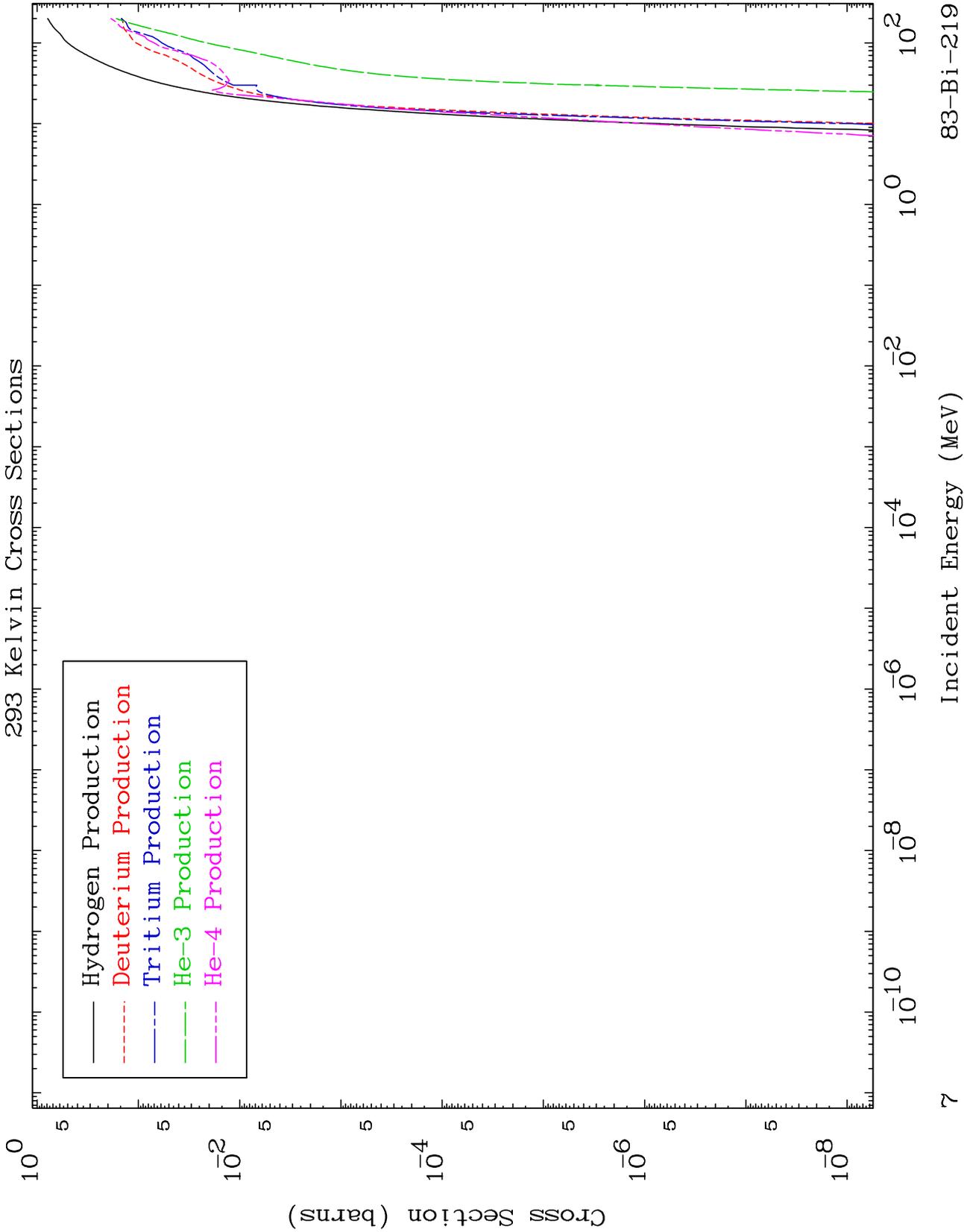
83-Bi-219



MAT 8355

Particle Production
293 Kelvin Cross Sections

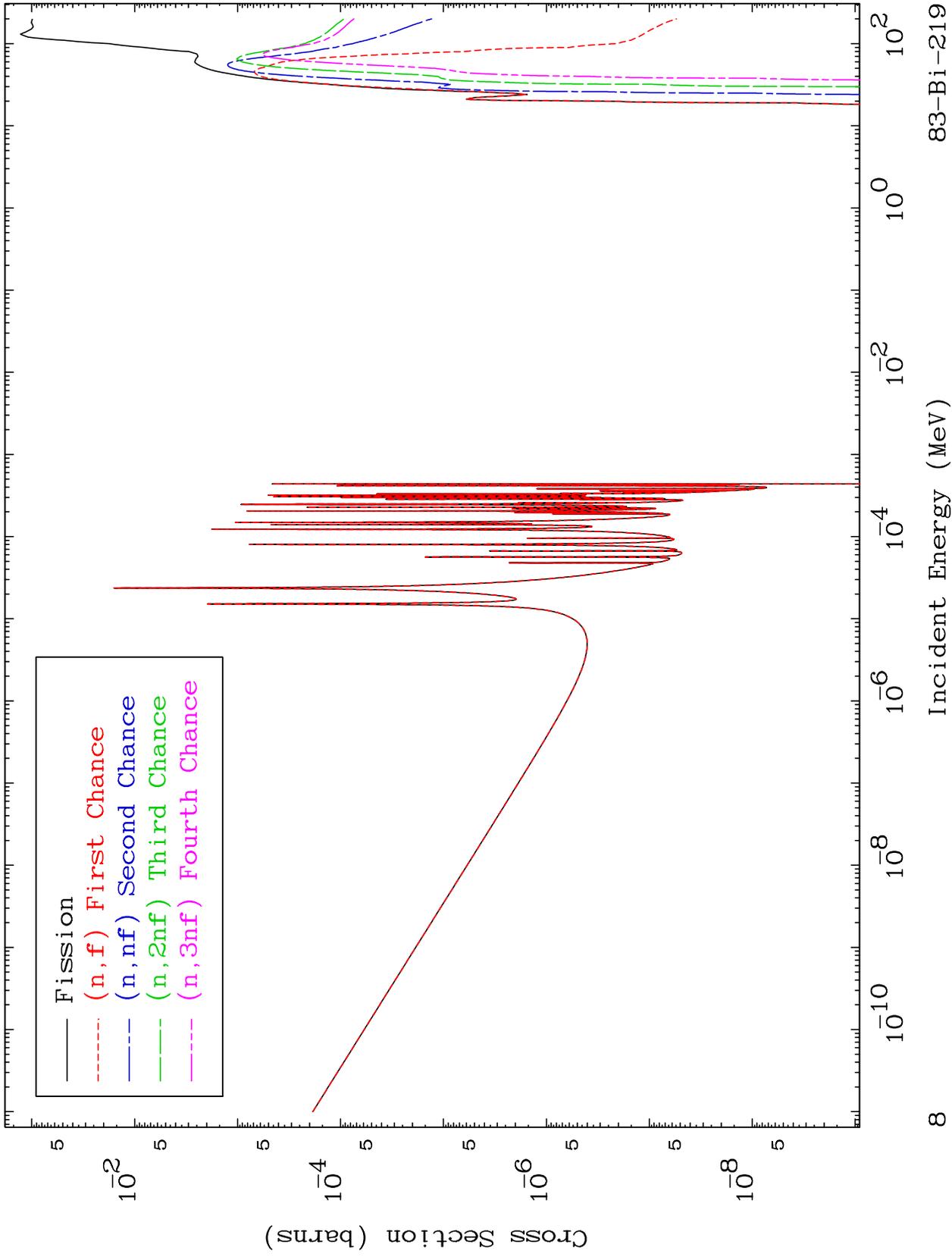
83-Bi-219



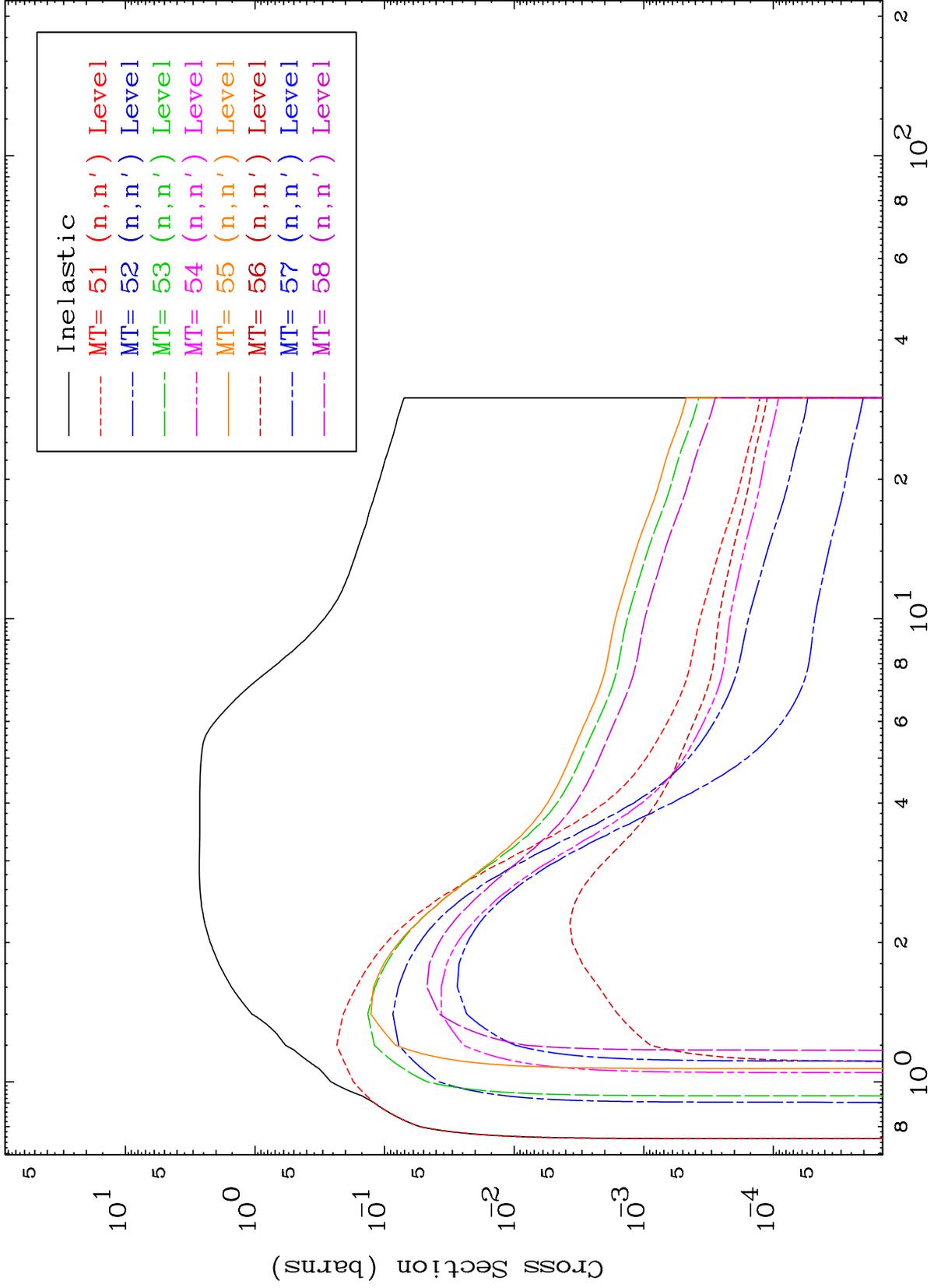
MAT 8355

Fission
293 Kelvin Cross Sections

83-Bi-219



293 Kelvin Cross Sections

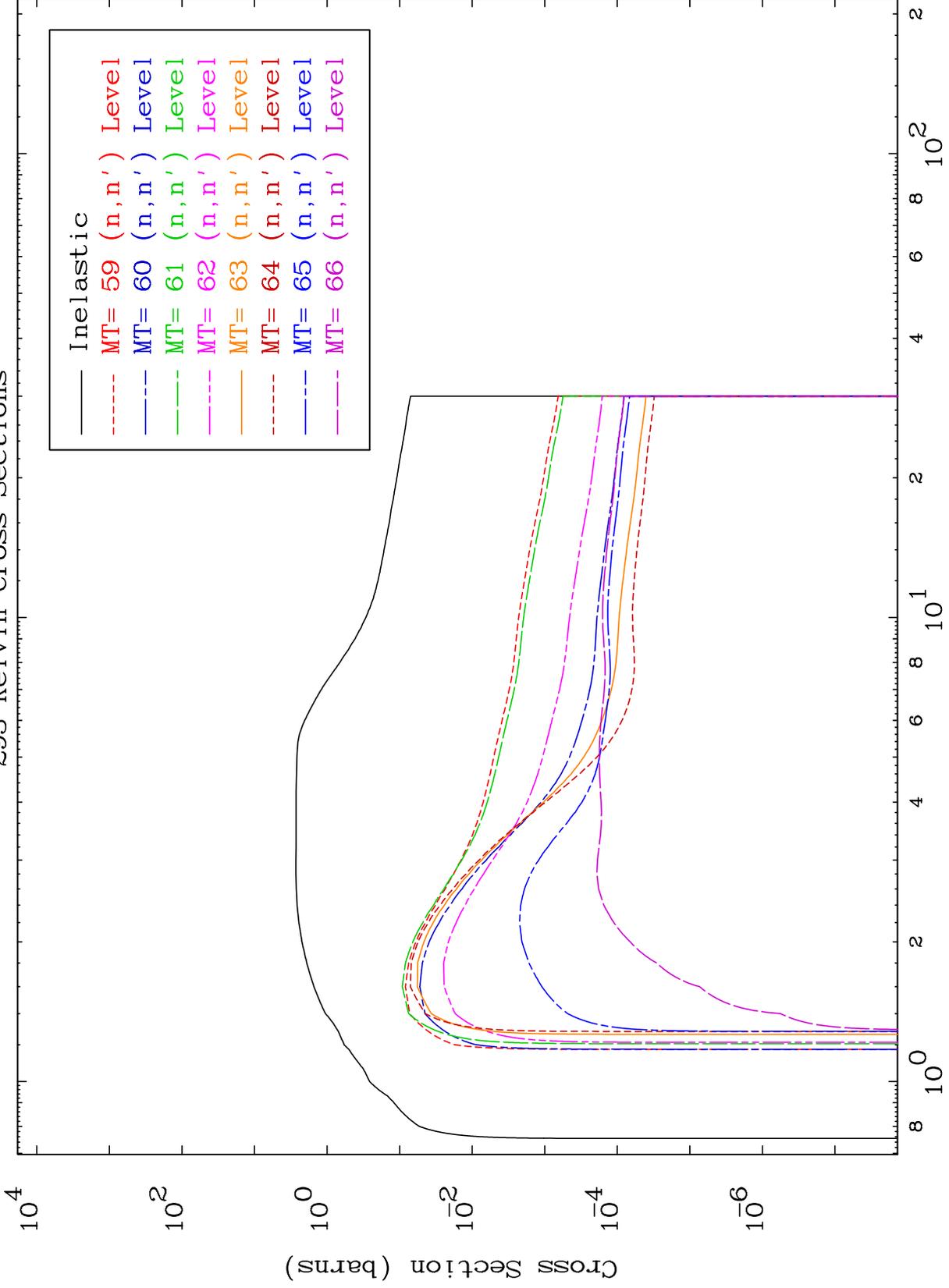


MAT 8355

(n,n') Levels

83-Bi-219

293 Kelvin Cross Sections



10

Incident Energy (MeV)

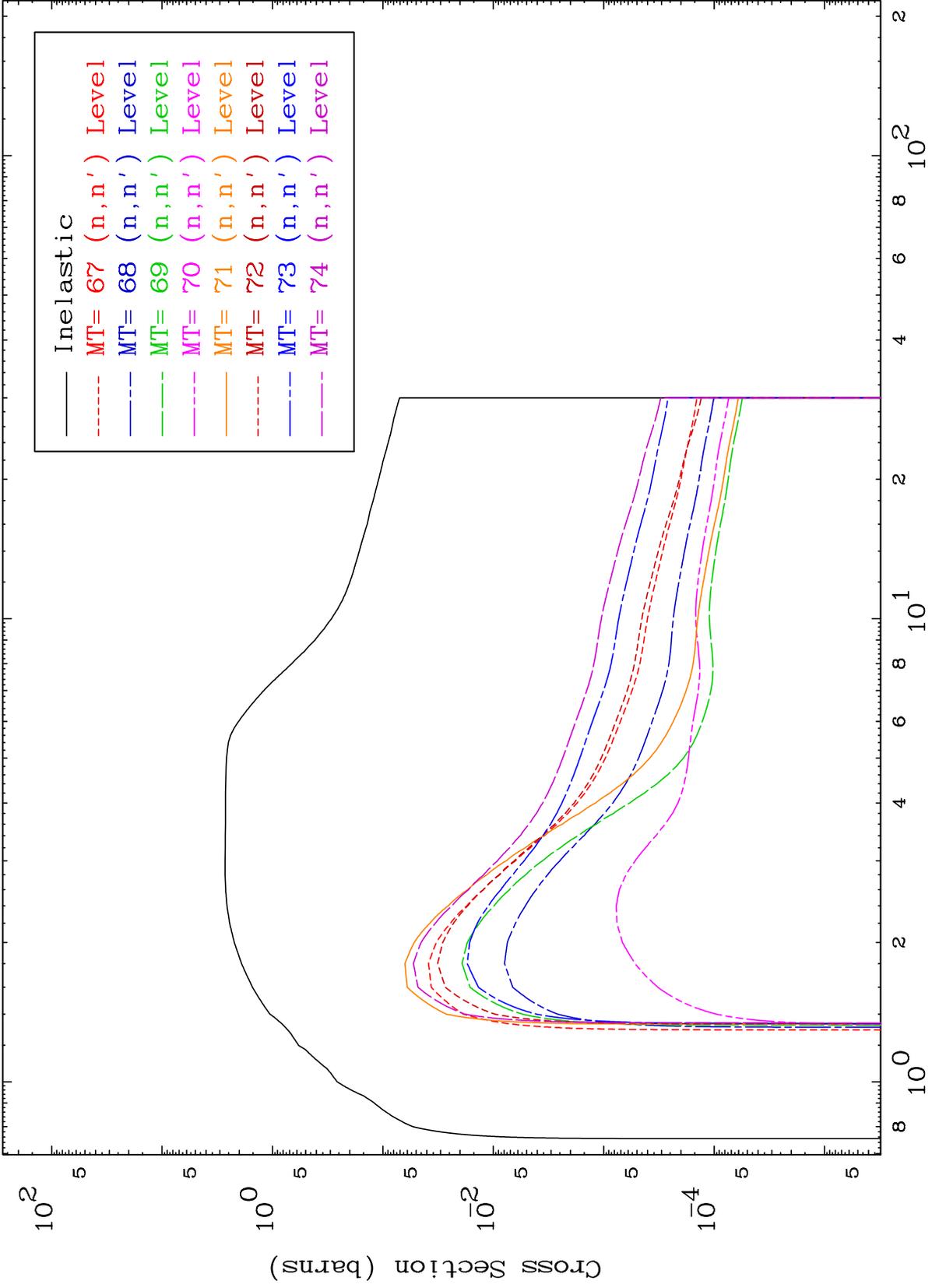
83-Bi-219

MAT 8355

(n,n') Levels

83-Bi-219

293 Kelvin Cross Sections

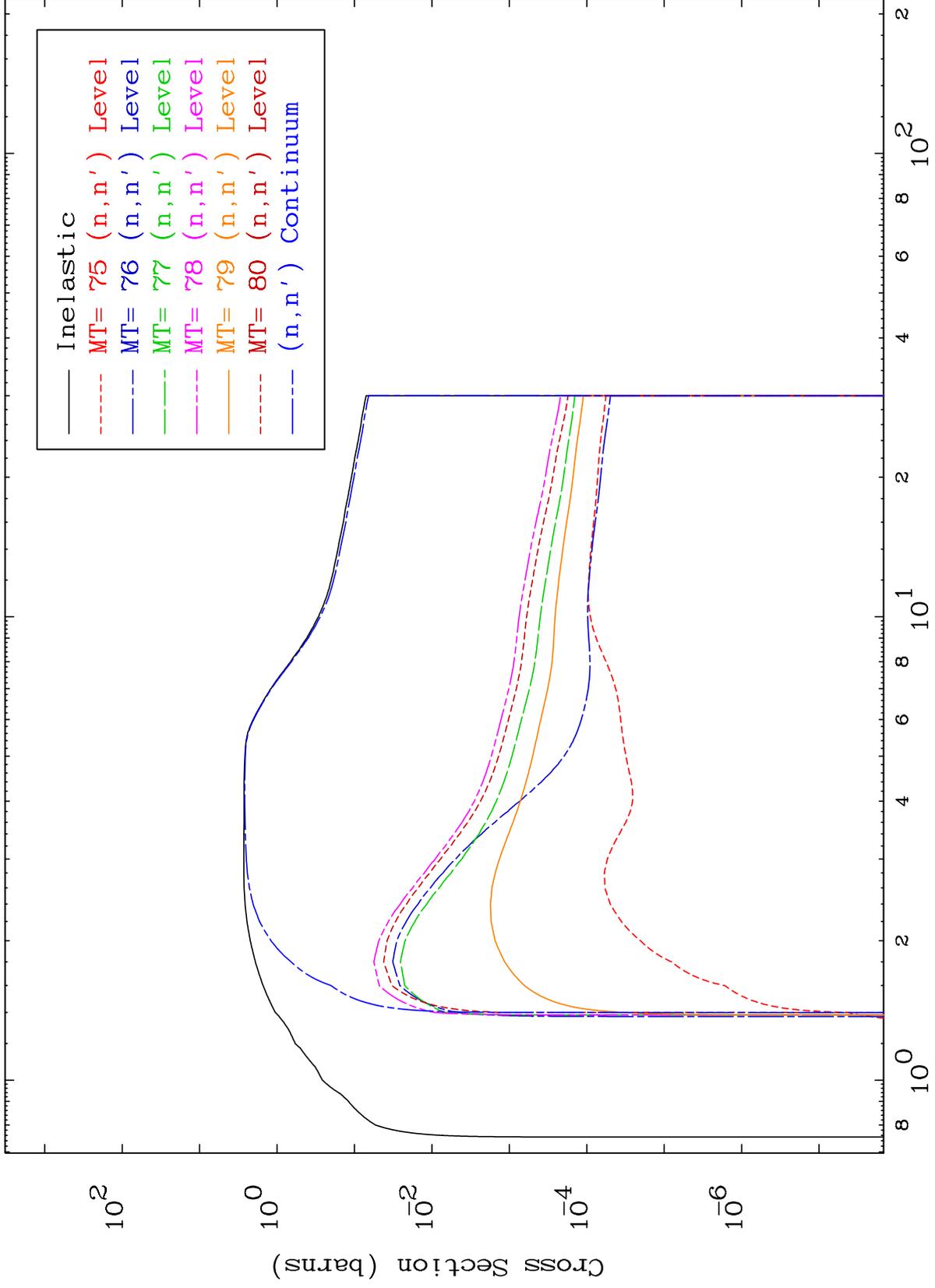


11

Incident Energy (MeV)

83-Bi-219

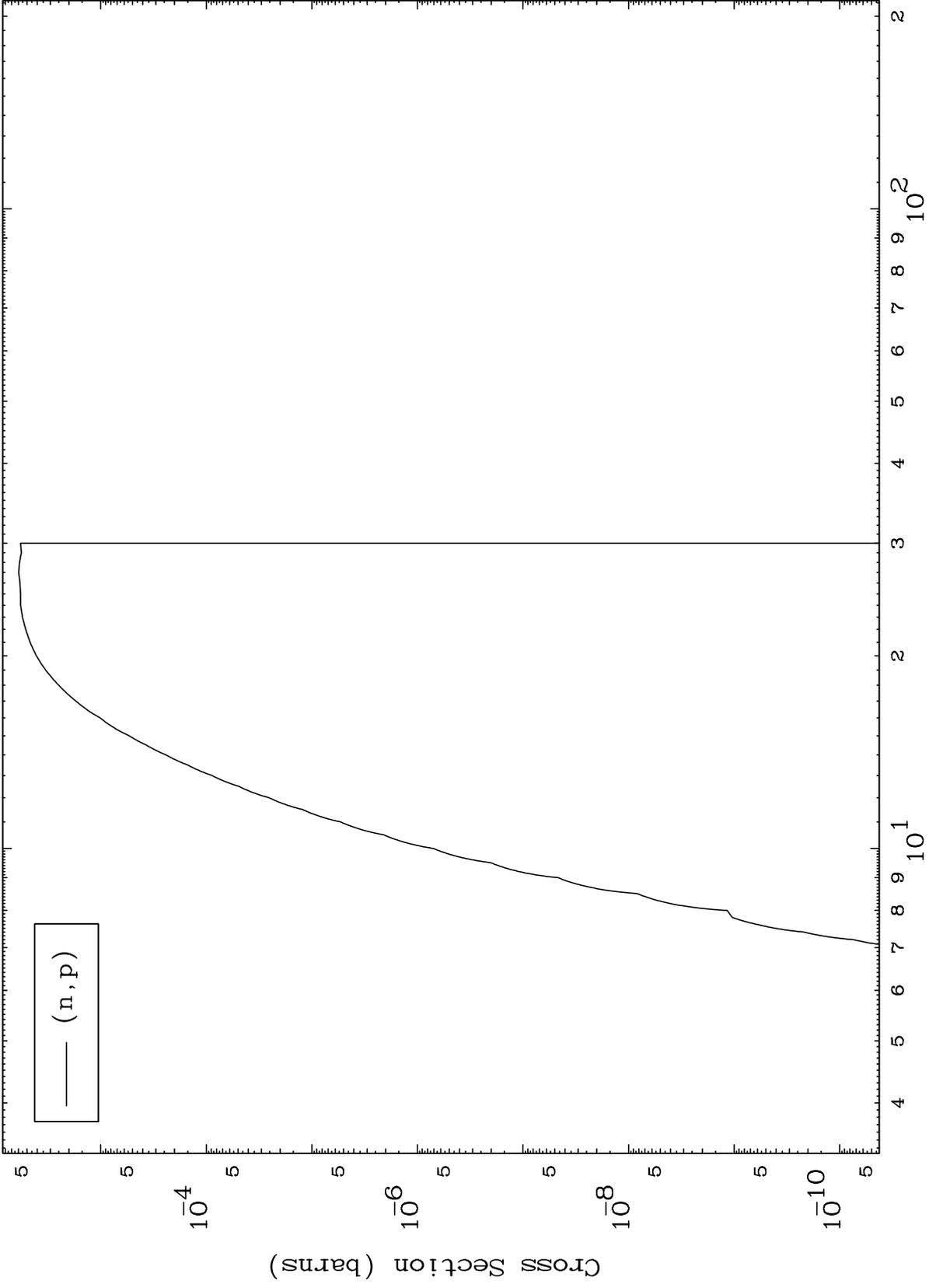
293 Kelvin Cross Sections



MAT 8355

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-219



13

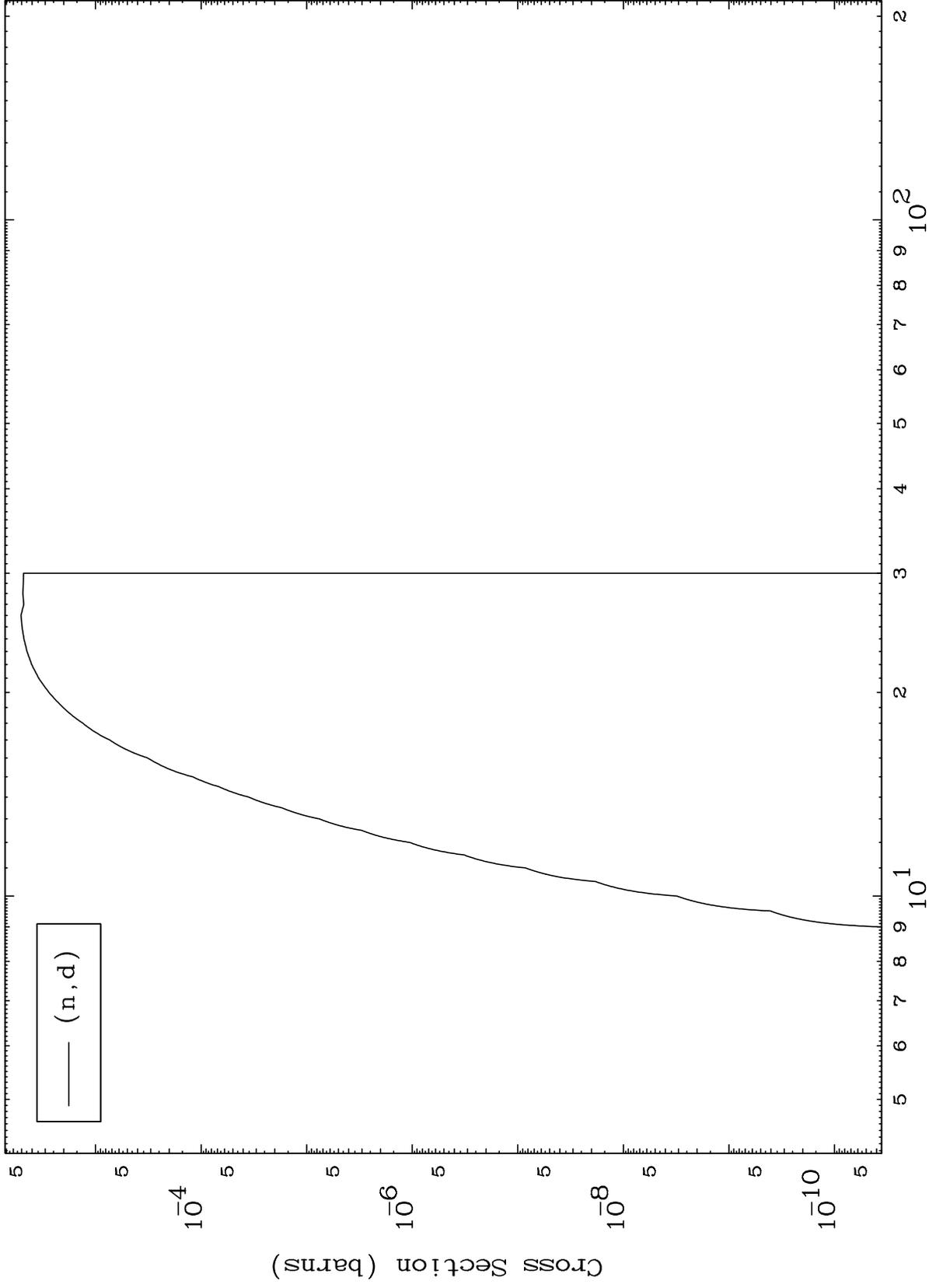
Incident Energy (MeV)

83-Bi-219

MAT 8355

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-219



14

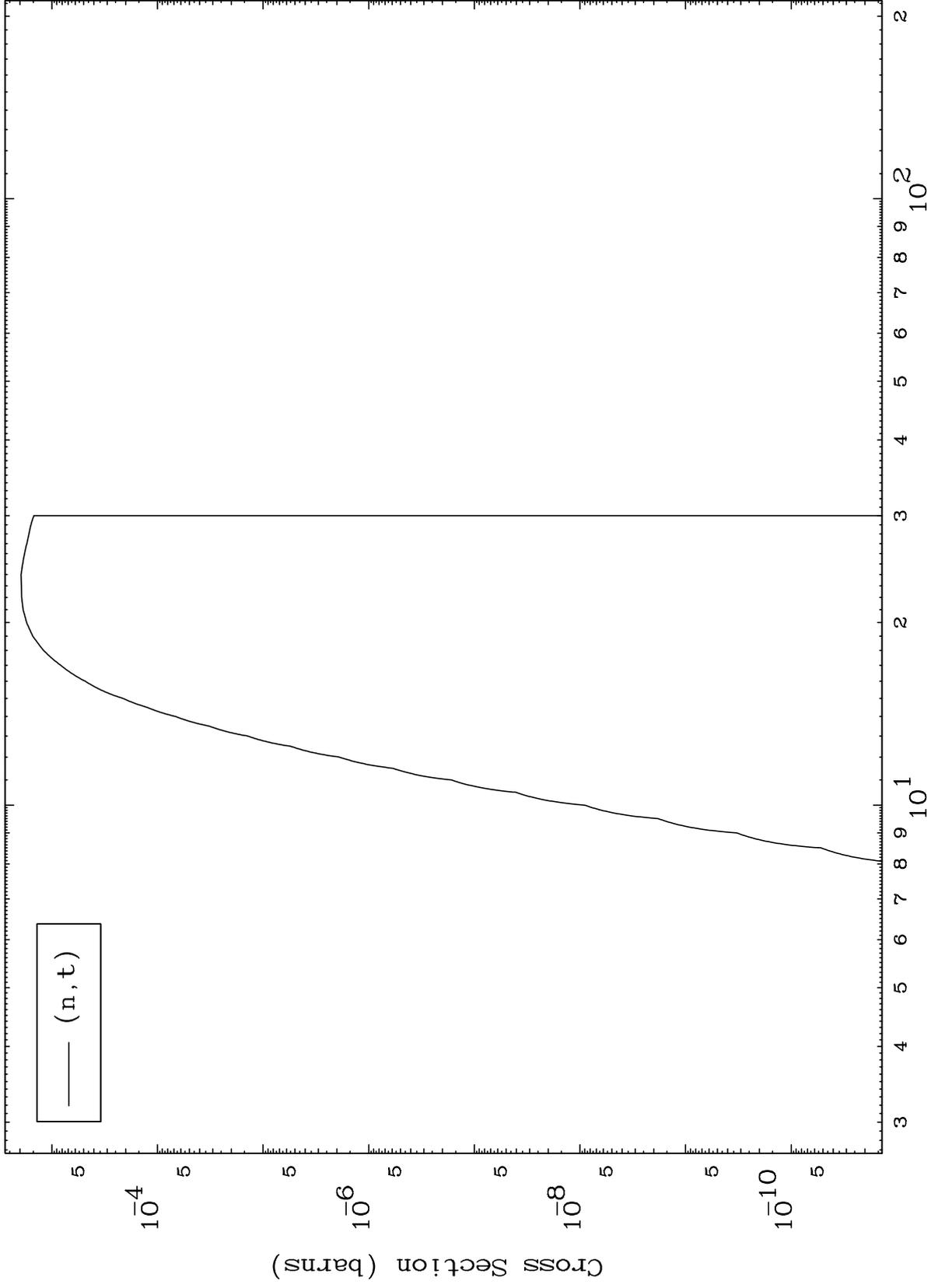
Incident Energy (MeV)

83-Bi-219

MAT 8355

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-219



15

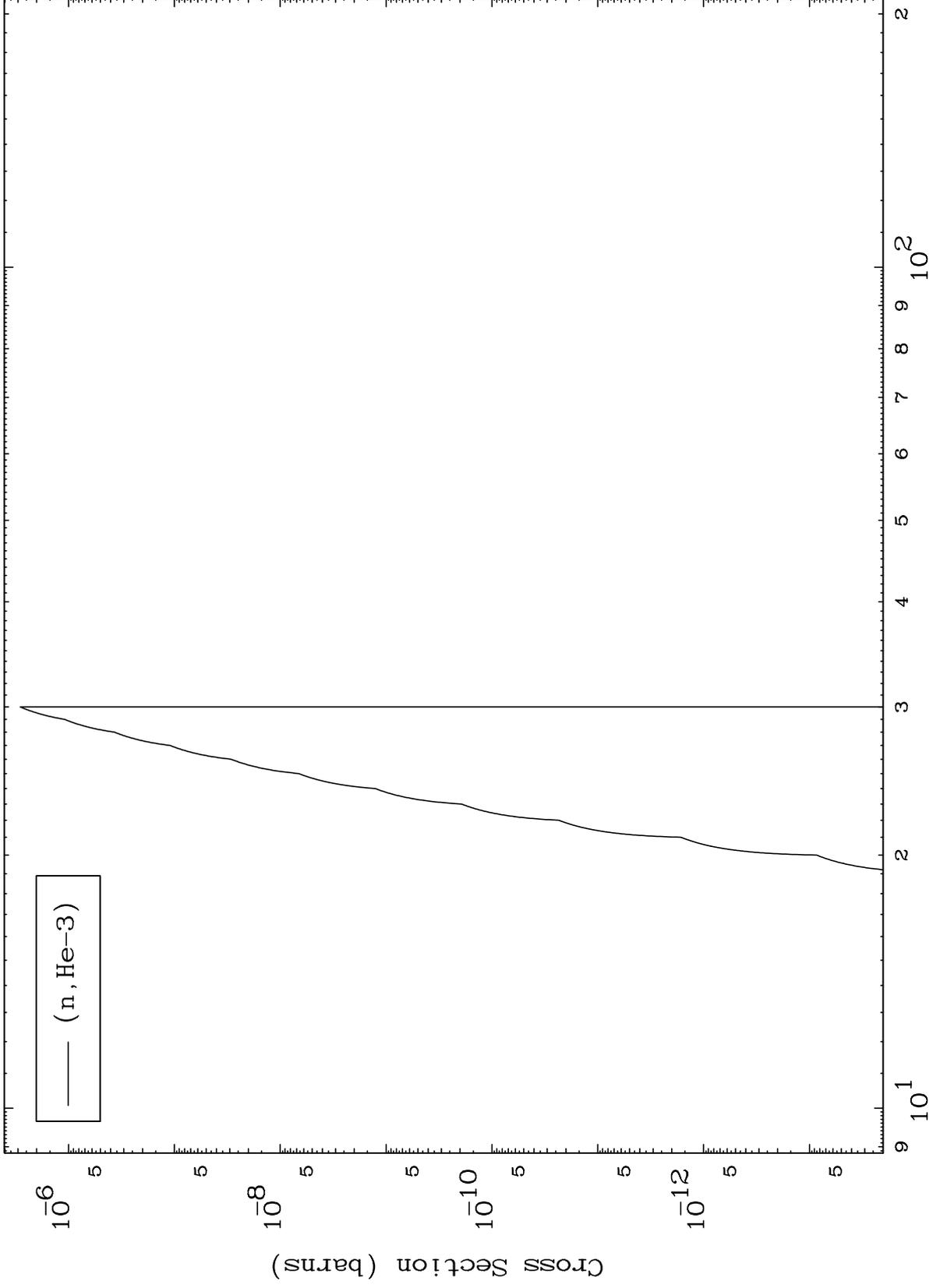
Incident Energy (MeV)

83-Bi-219

MAT 8355

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-219



16

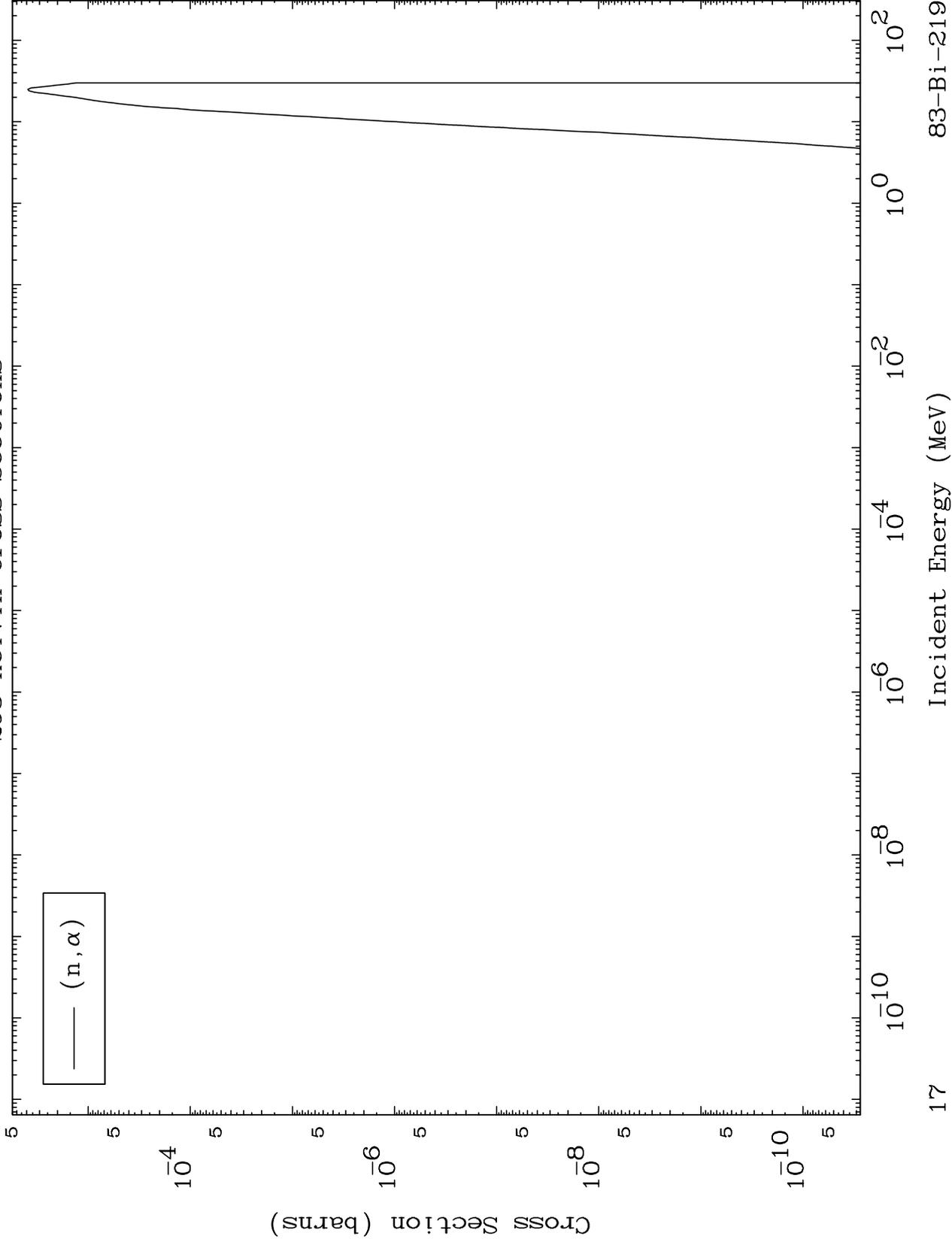
Incident Energy (MeV)

83-Bi-219

MAT 8355

(n, α) Levels
293 Kelvin Cross Sections

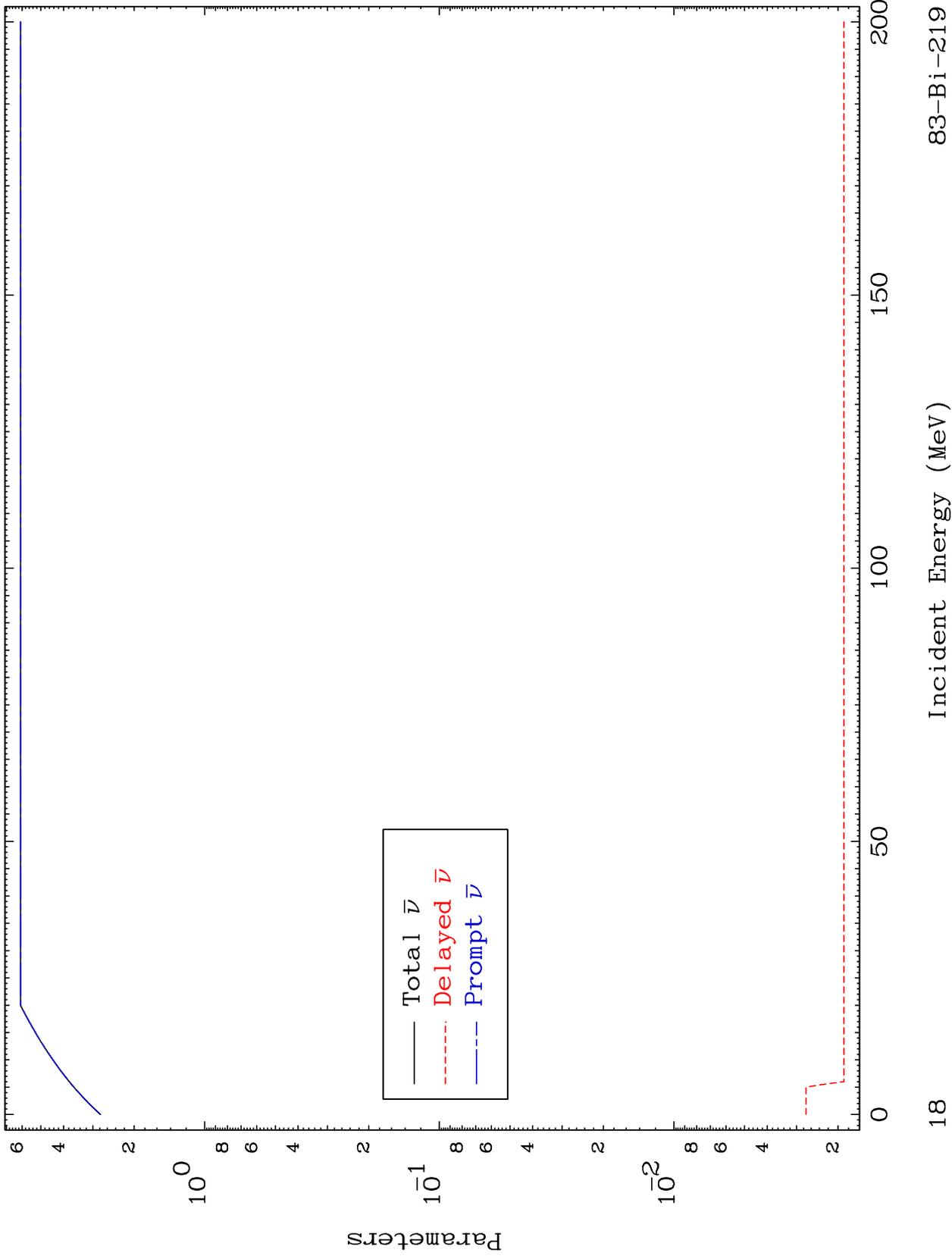
83-Bi-219



MAT 8355

Energy Release
Parameters

83-Bi-219



18

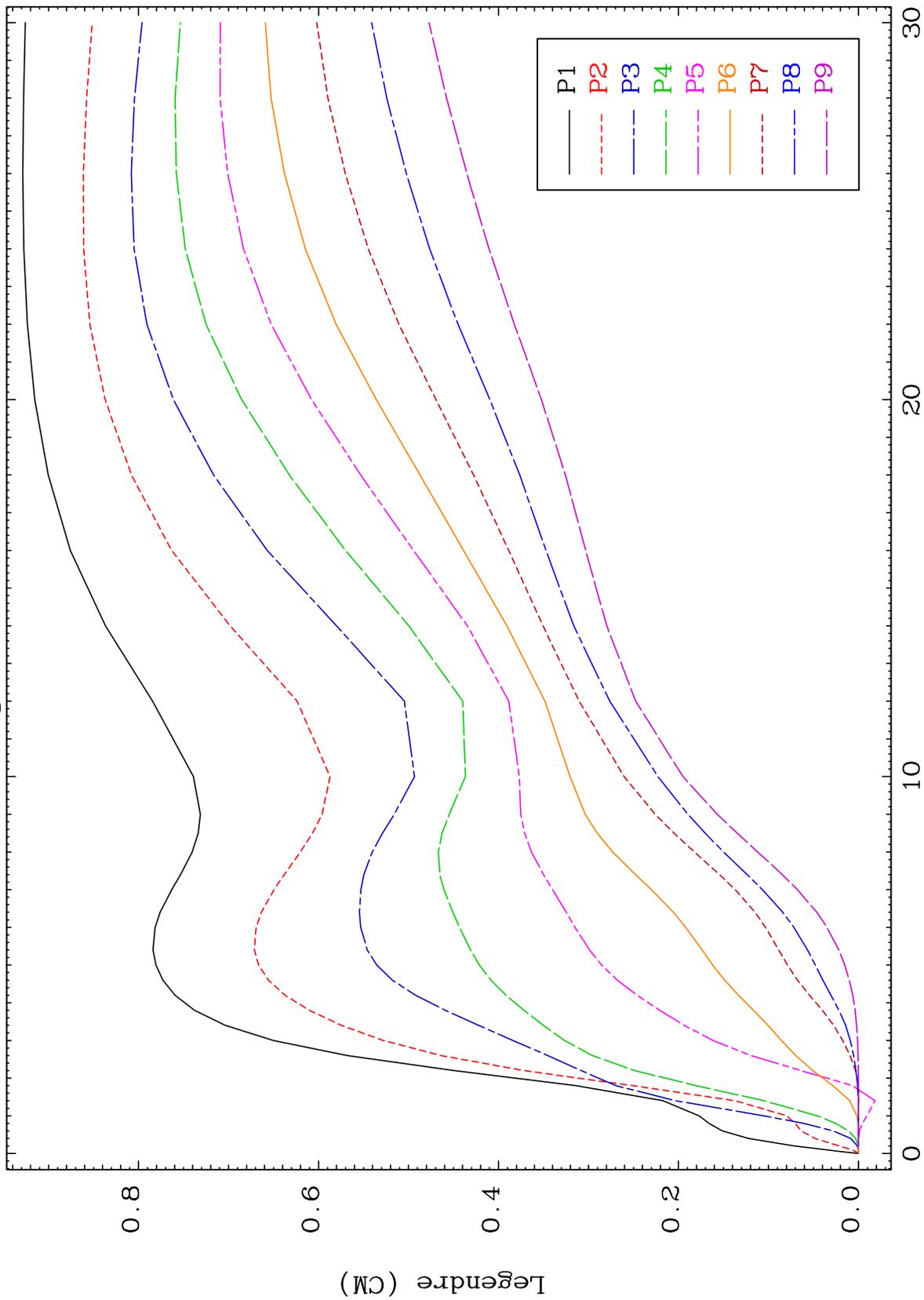
Incident Energy (MeV)

83-Bi-219

MAT 8355

Elastic Legendre Coefficients

83-Bi-219



19

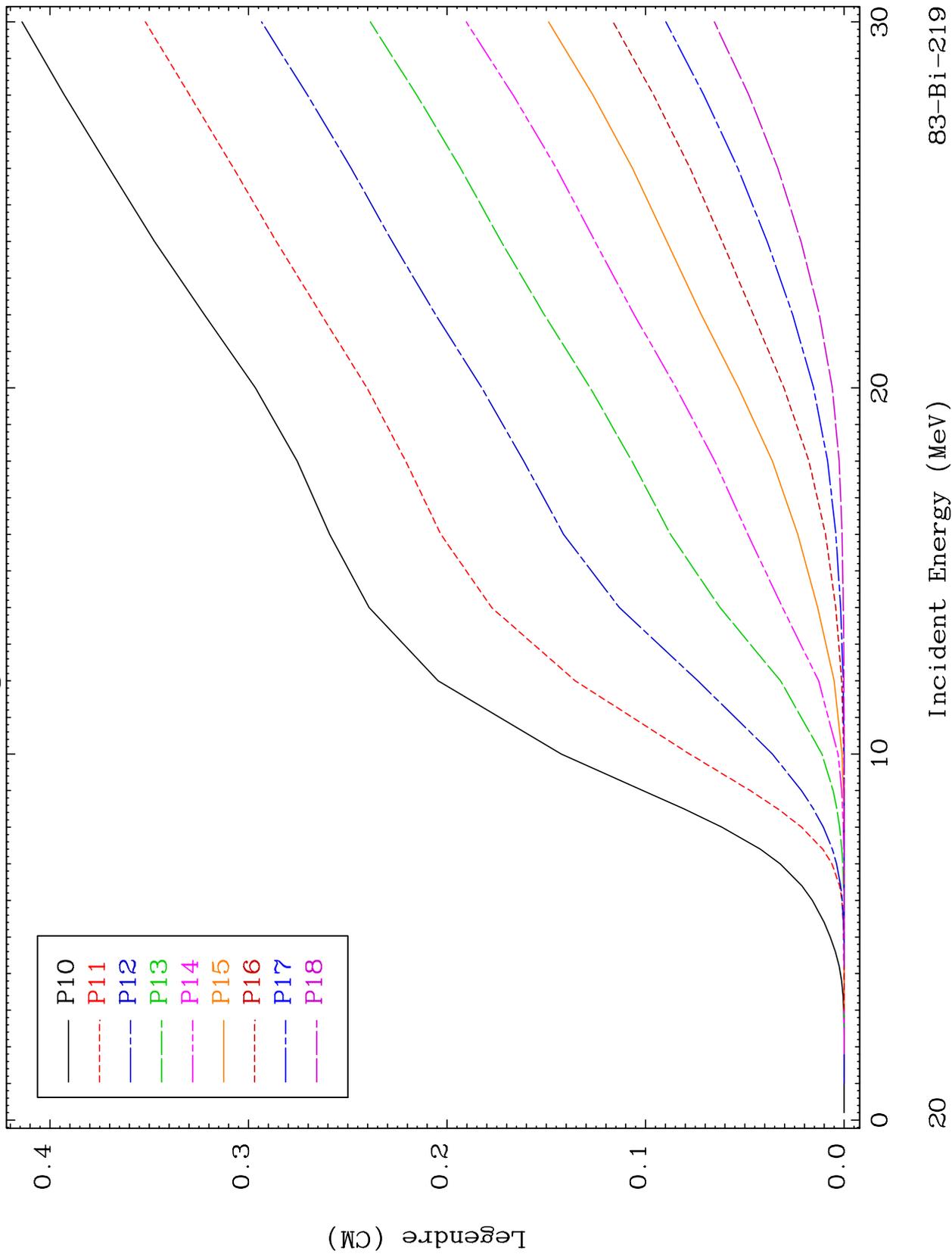
Incident Energy (MeV)

83-Bi-219

MAT 8355

Elastic Legendre Coefficients

83-Bi-219



20

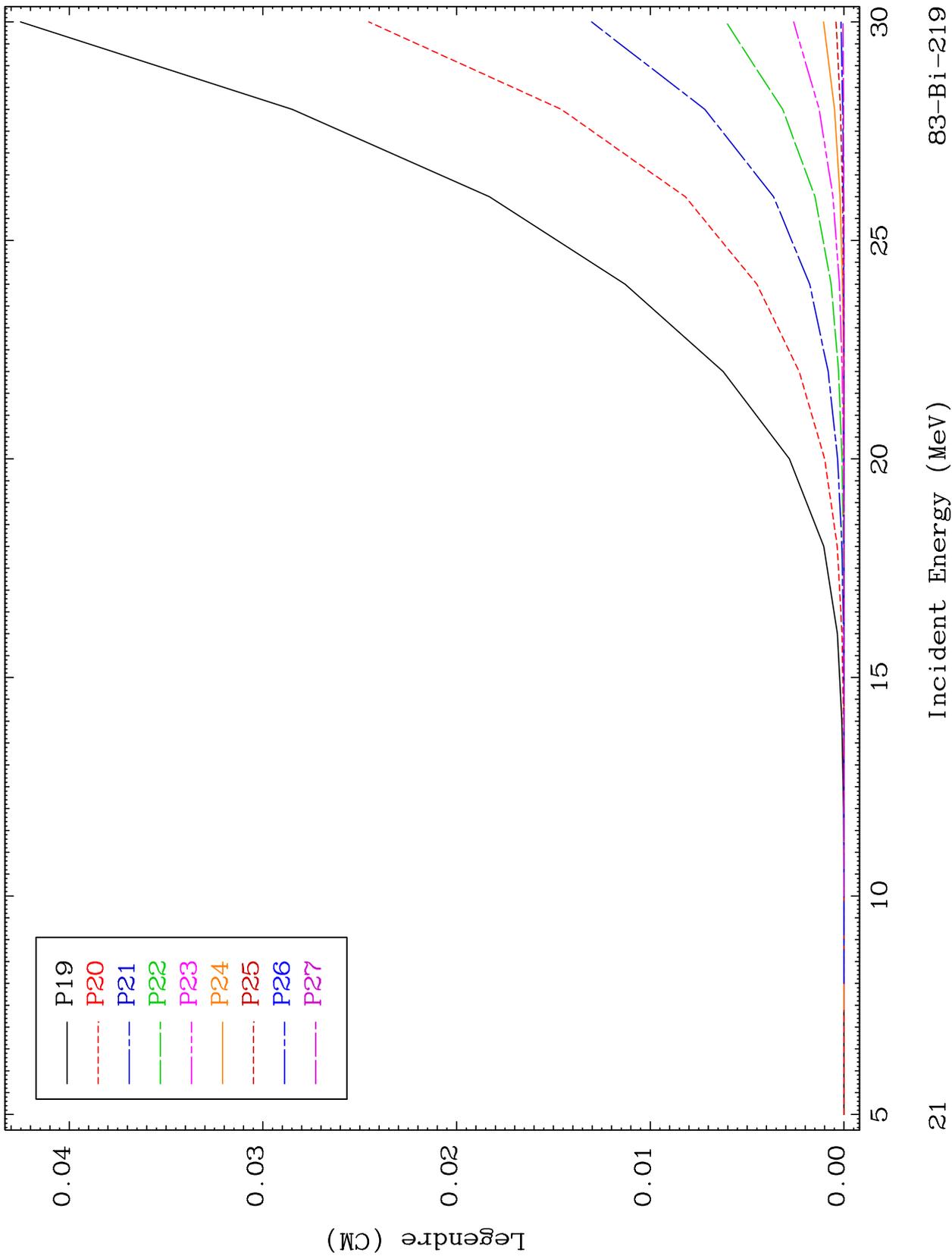
Incident Energy (MeV)

83-Bi-219

MAT 8355

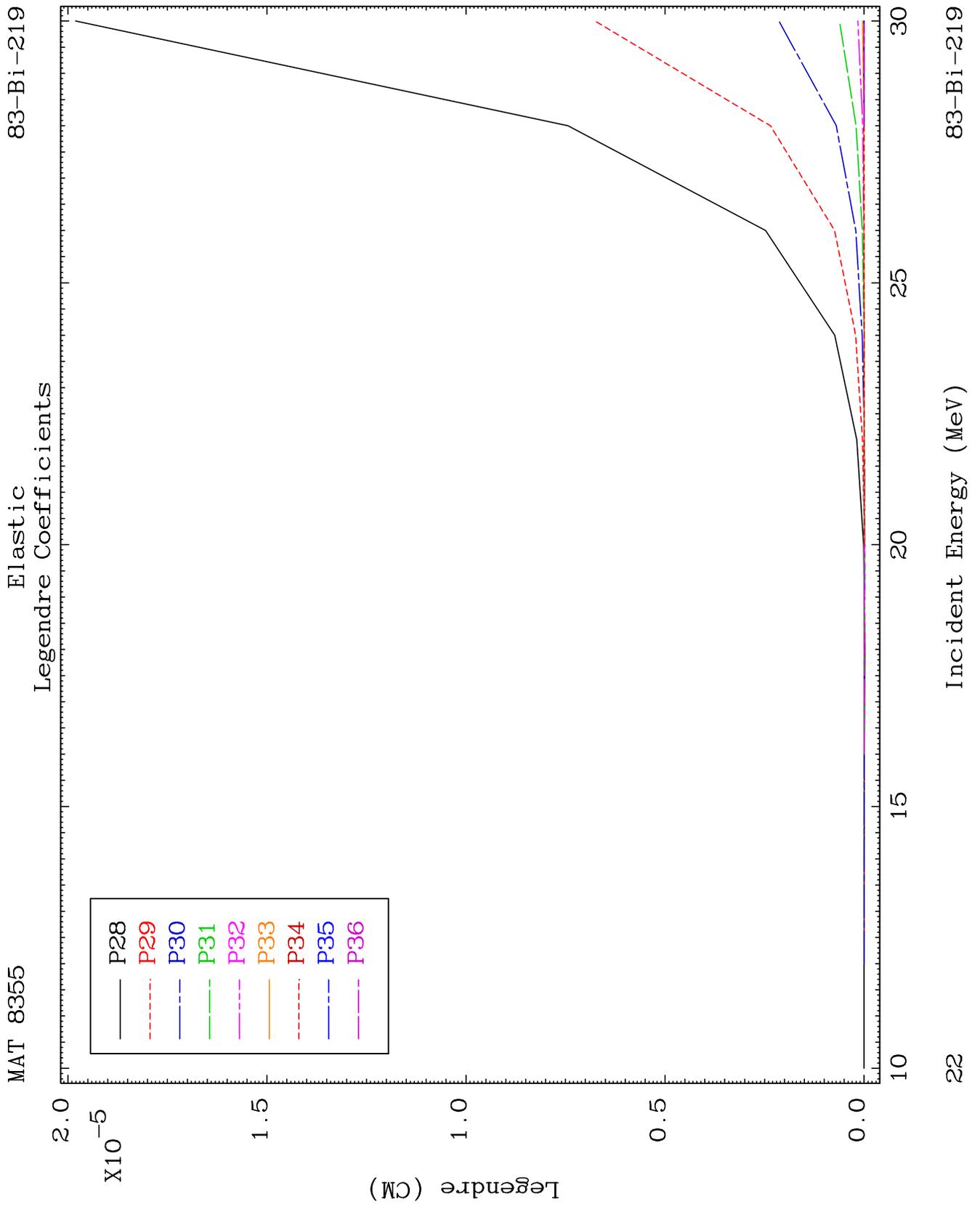
Elastic Legendre Coefficients

83-Bi-219



21

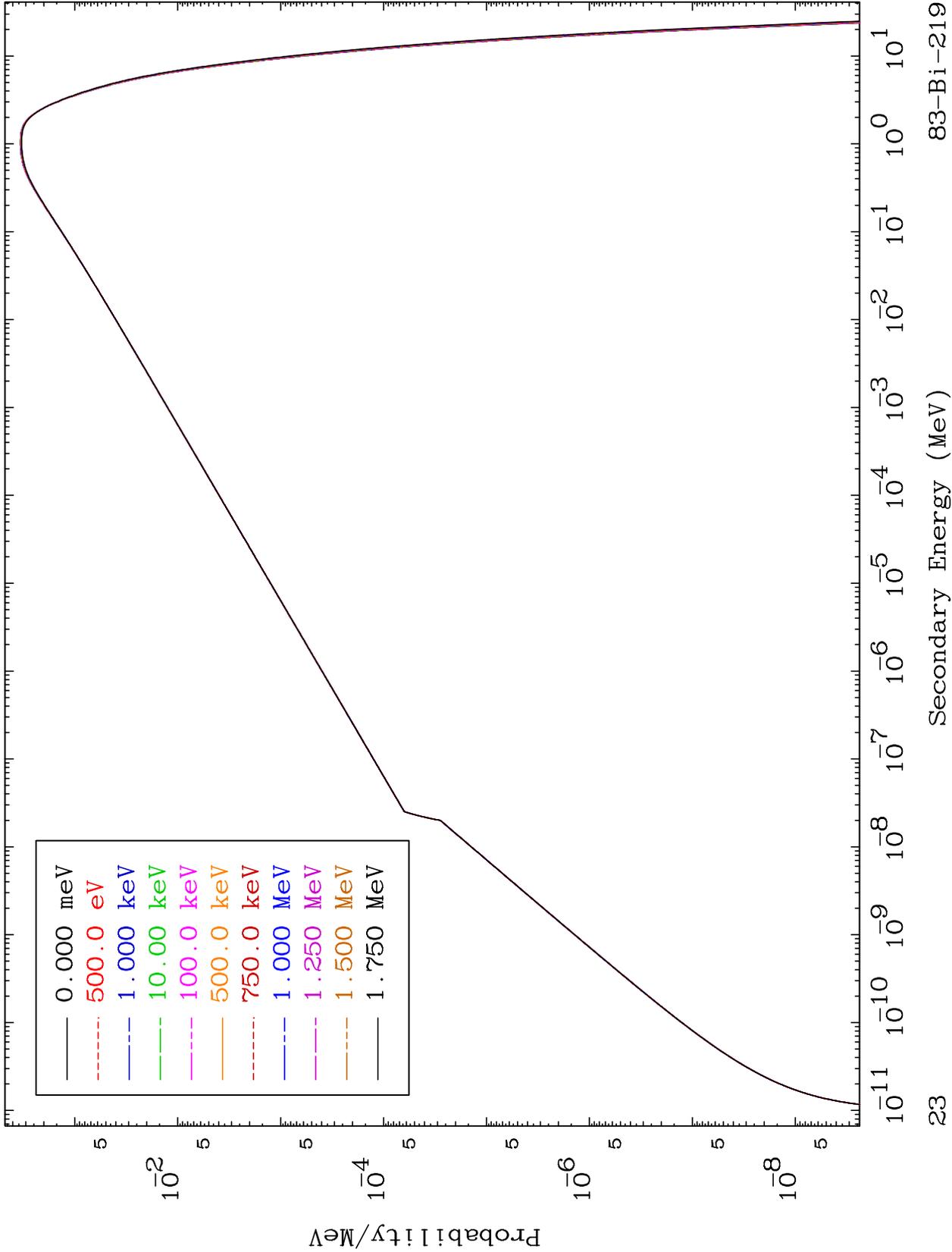
83-Bi-219



MAT 8355

Fission Energy Distributions

83-Bi-219



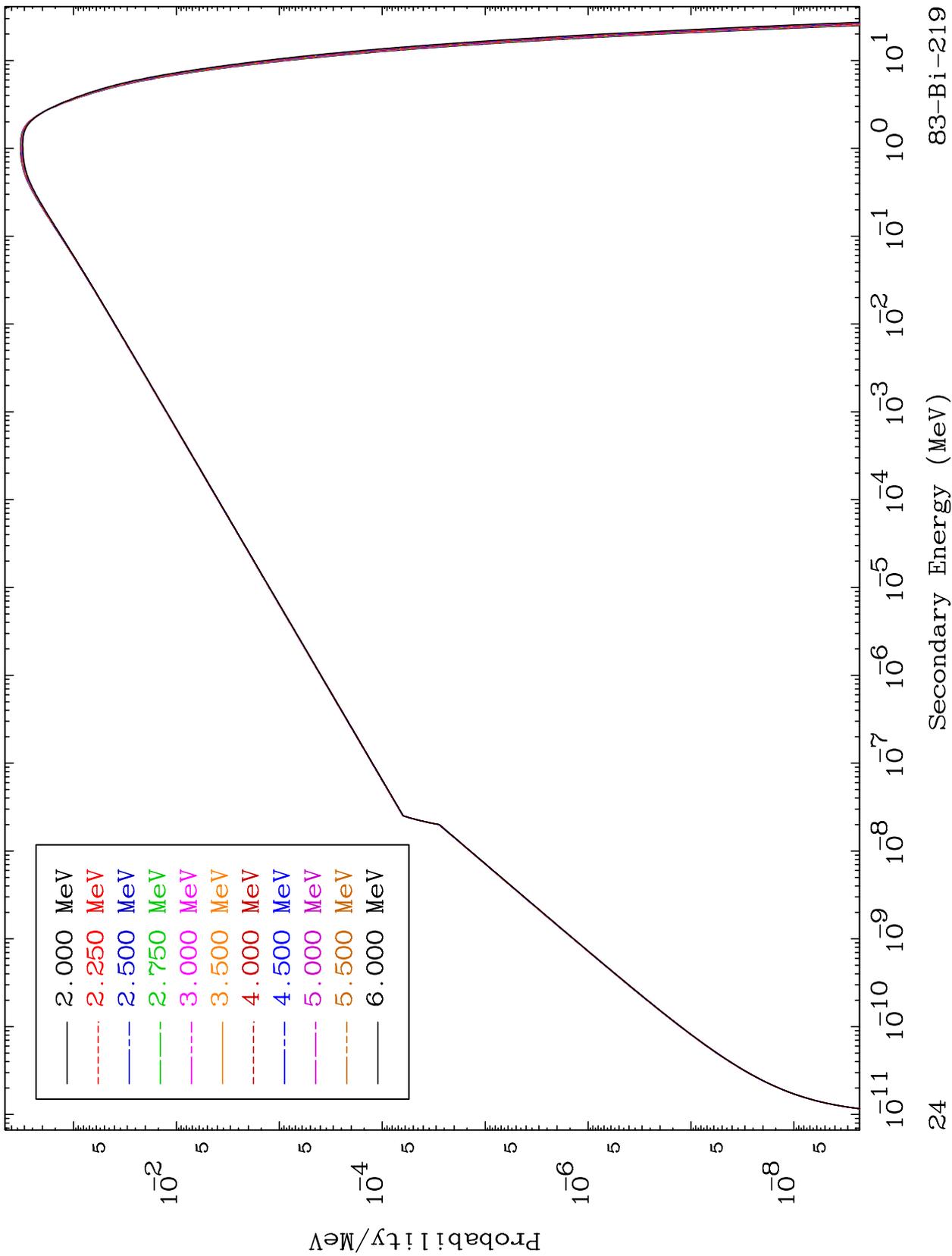
83-Bi-219

Secondary Energy (MeV)

MAT 8355

Fission Energy Distributions

83-Bi-219



83-Bi-219

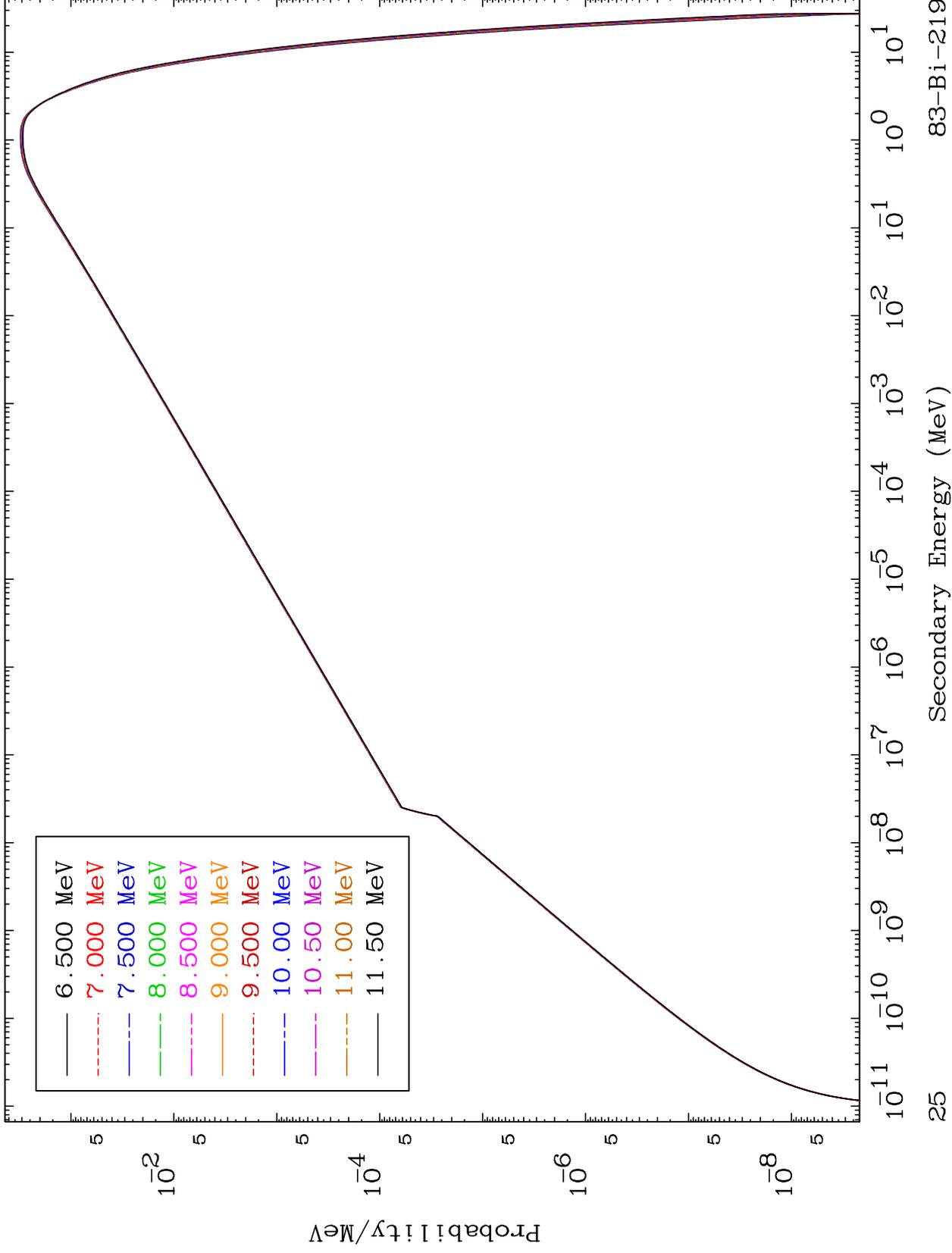
Secondary Energy (MeV)

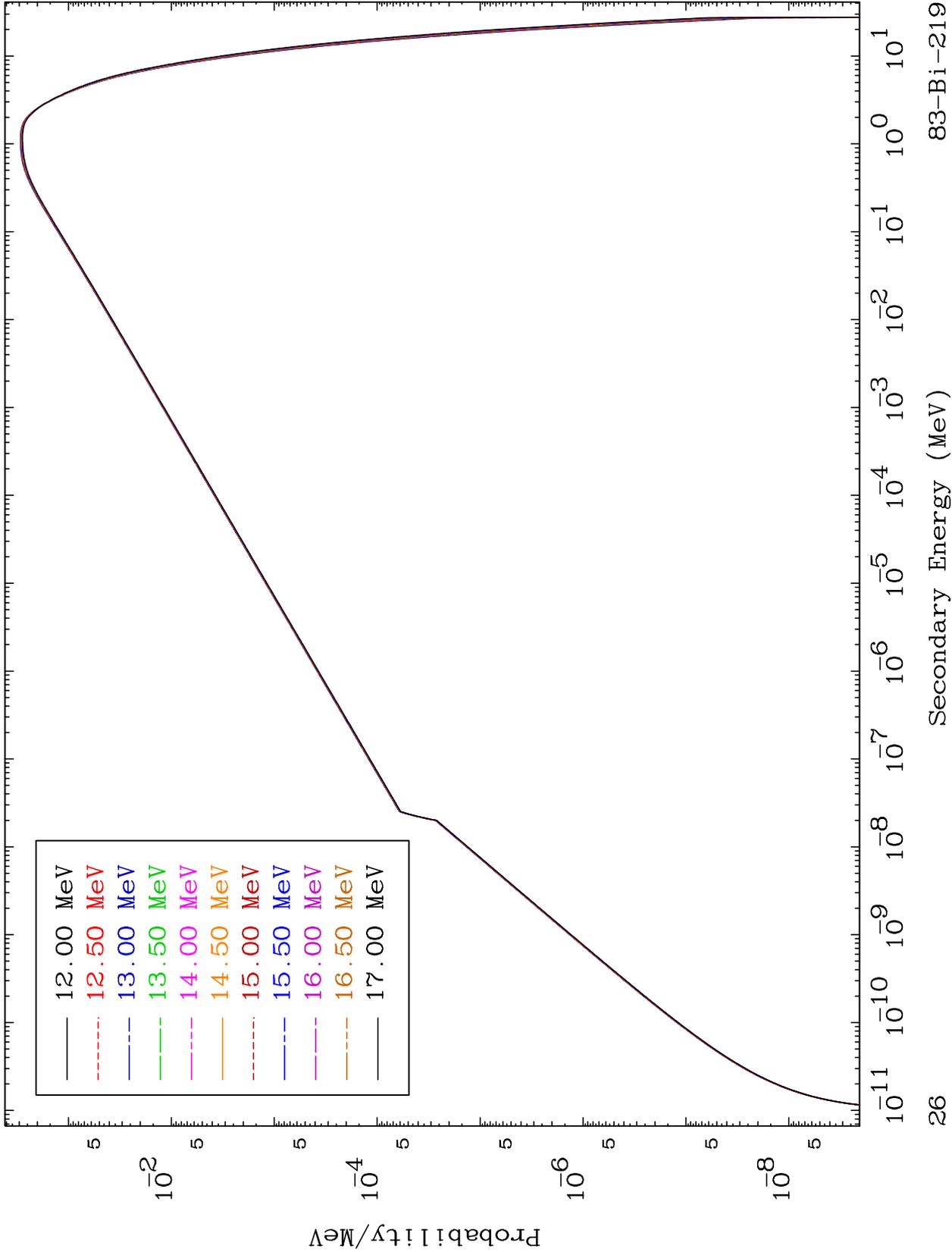
24

MAT 8355

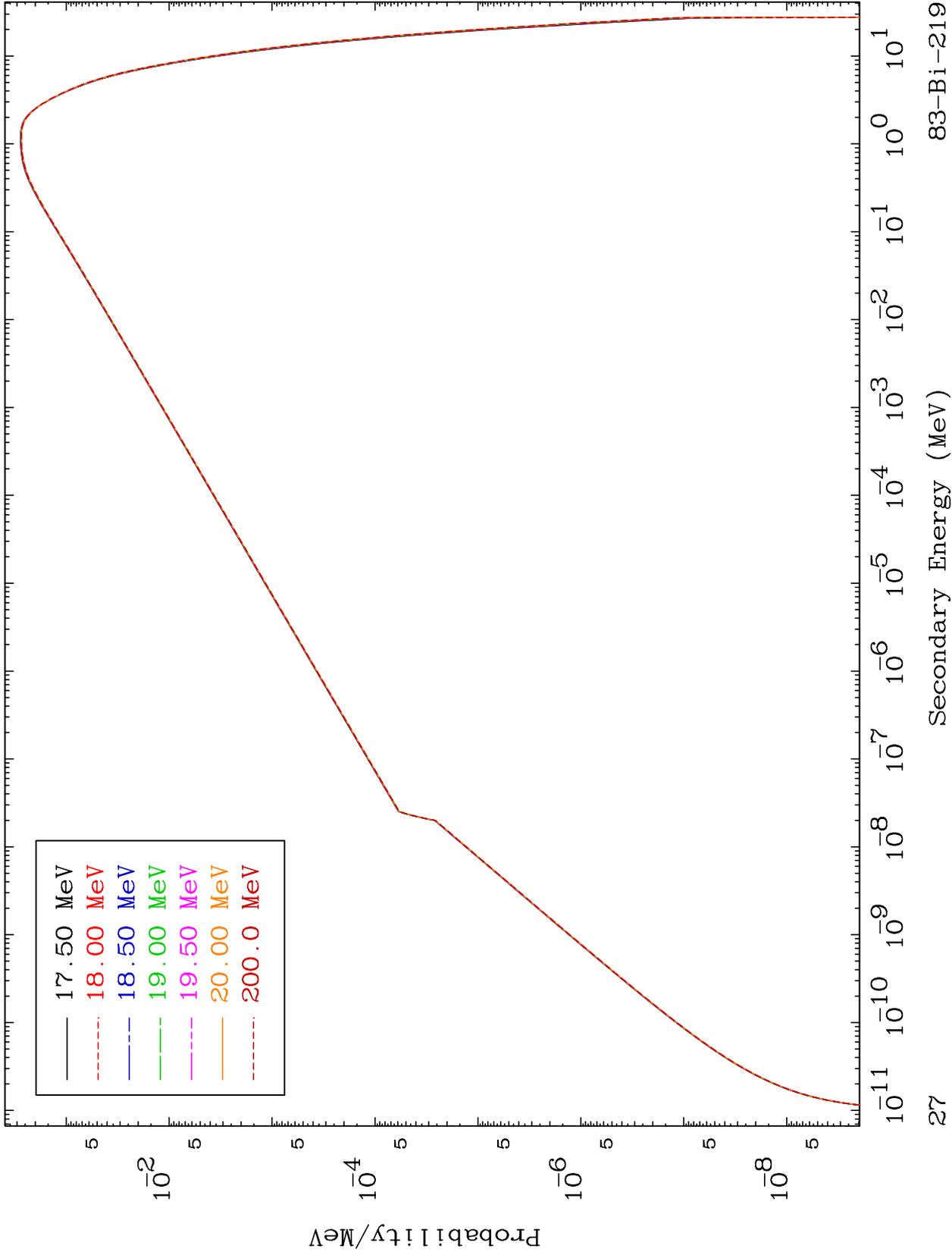
Fission Energy Distributions

83-Bi-219





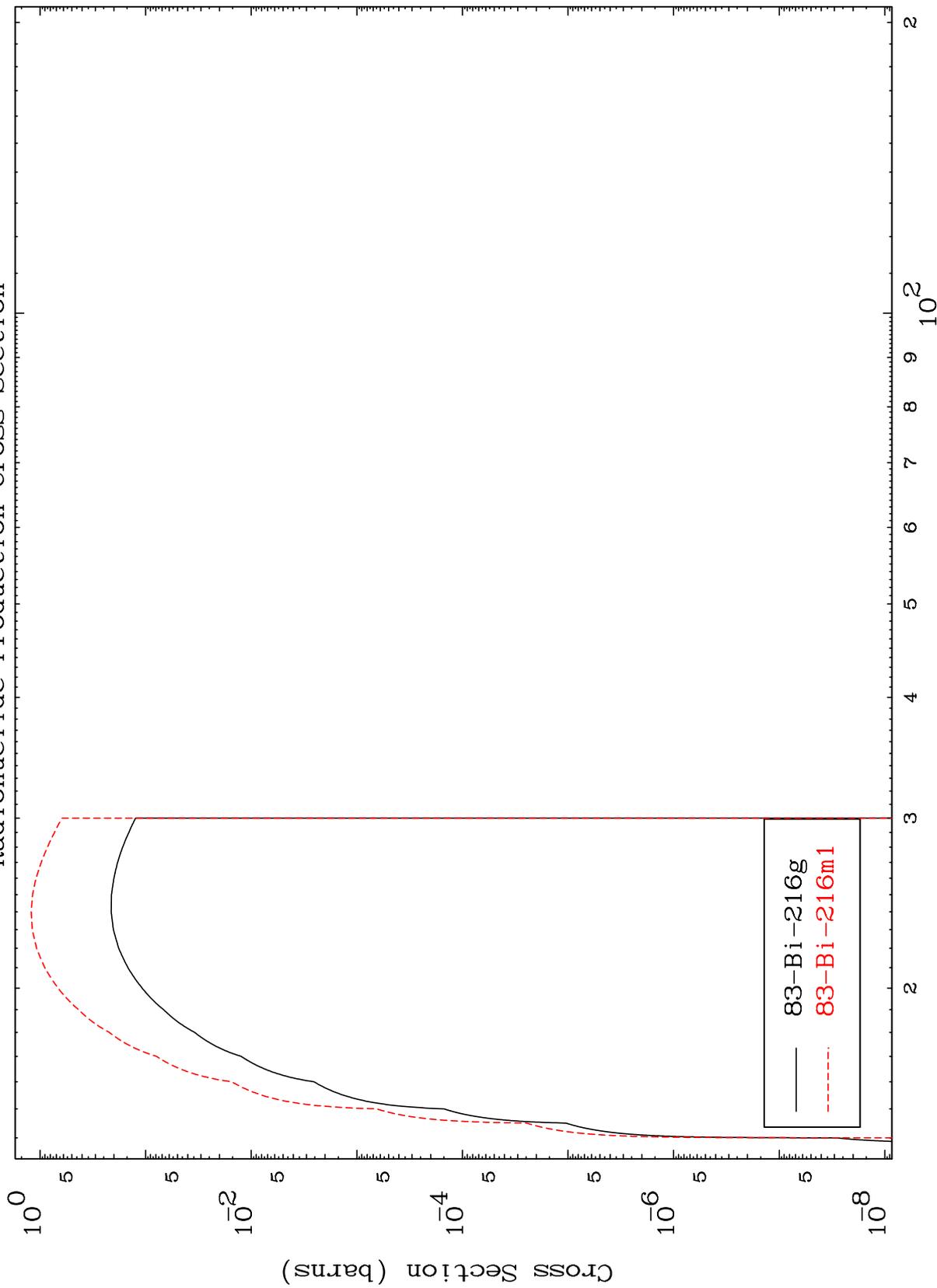
Fission Energy Distributions



MAT 8355

83-Bi-219

(n,4n)
Radionuclide Production Cross Section



83-Bi-219

Incident Energy (MeV)

28