

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

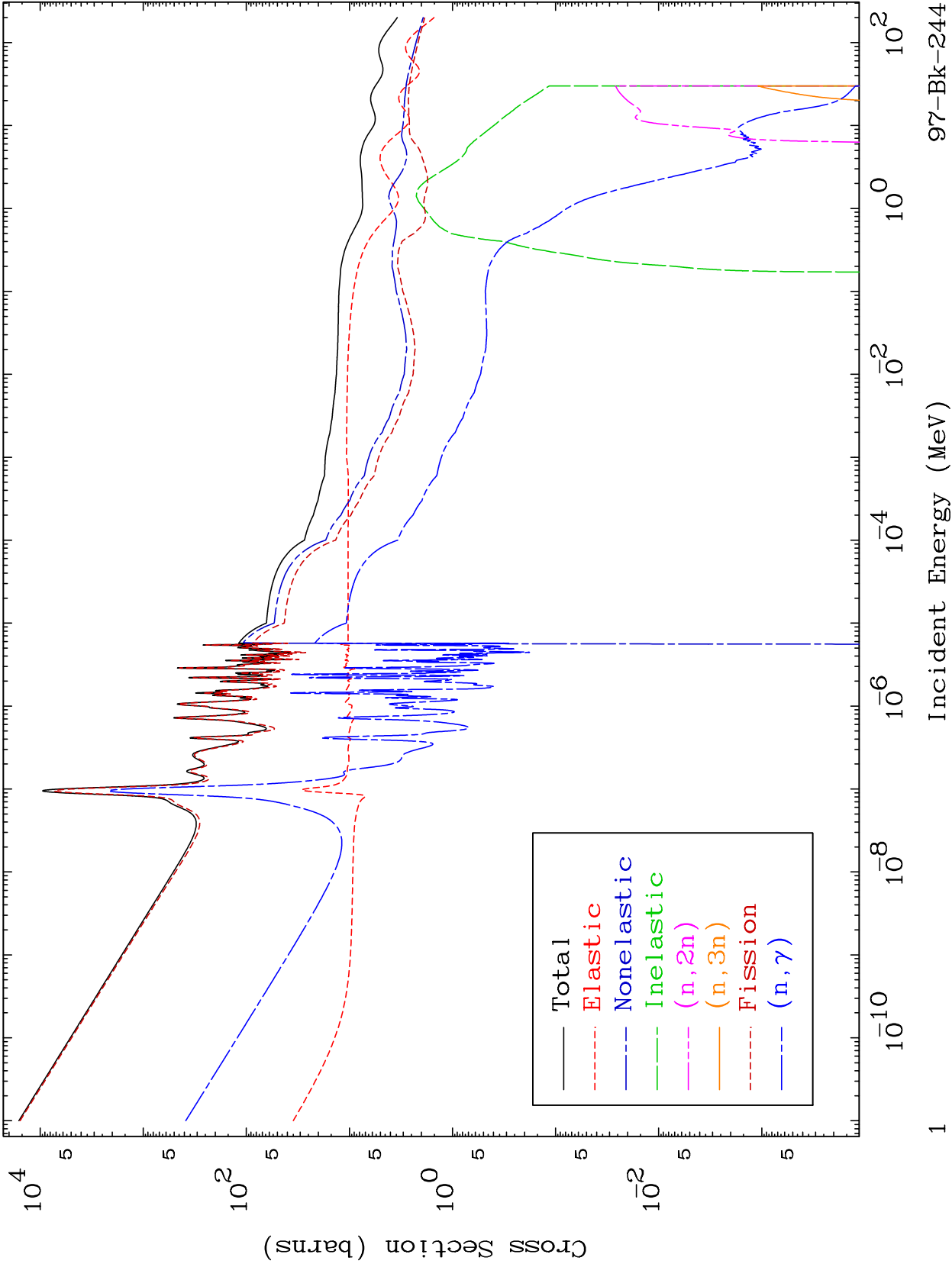
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9737

Neutron Major
293 Kelvin Cross Sections

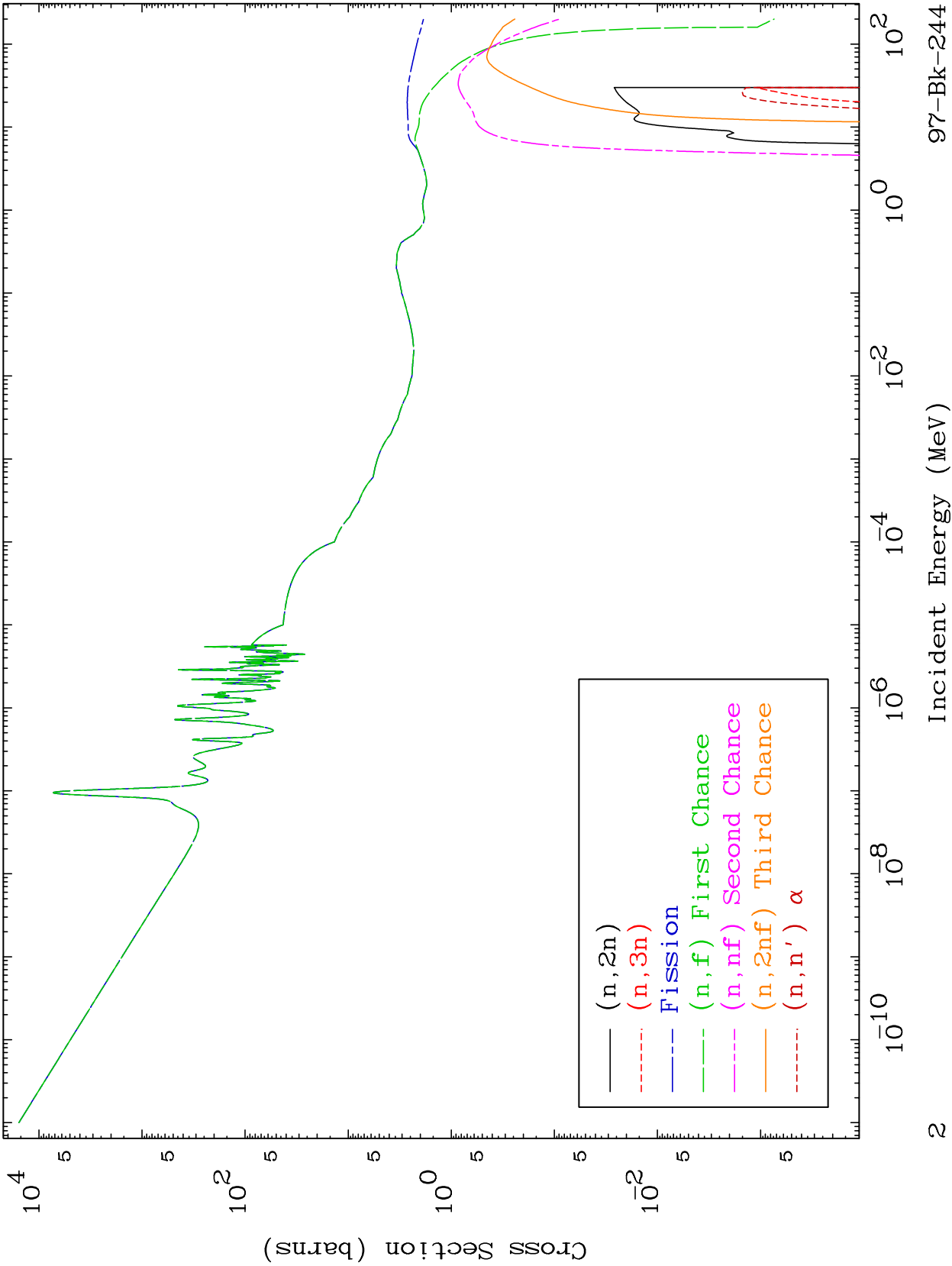
97-Bk-244



MAT 9737

Neutron Absorption
293 Kelvin Cross Sections

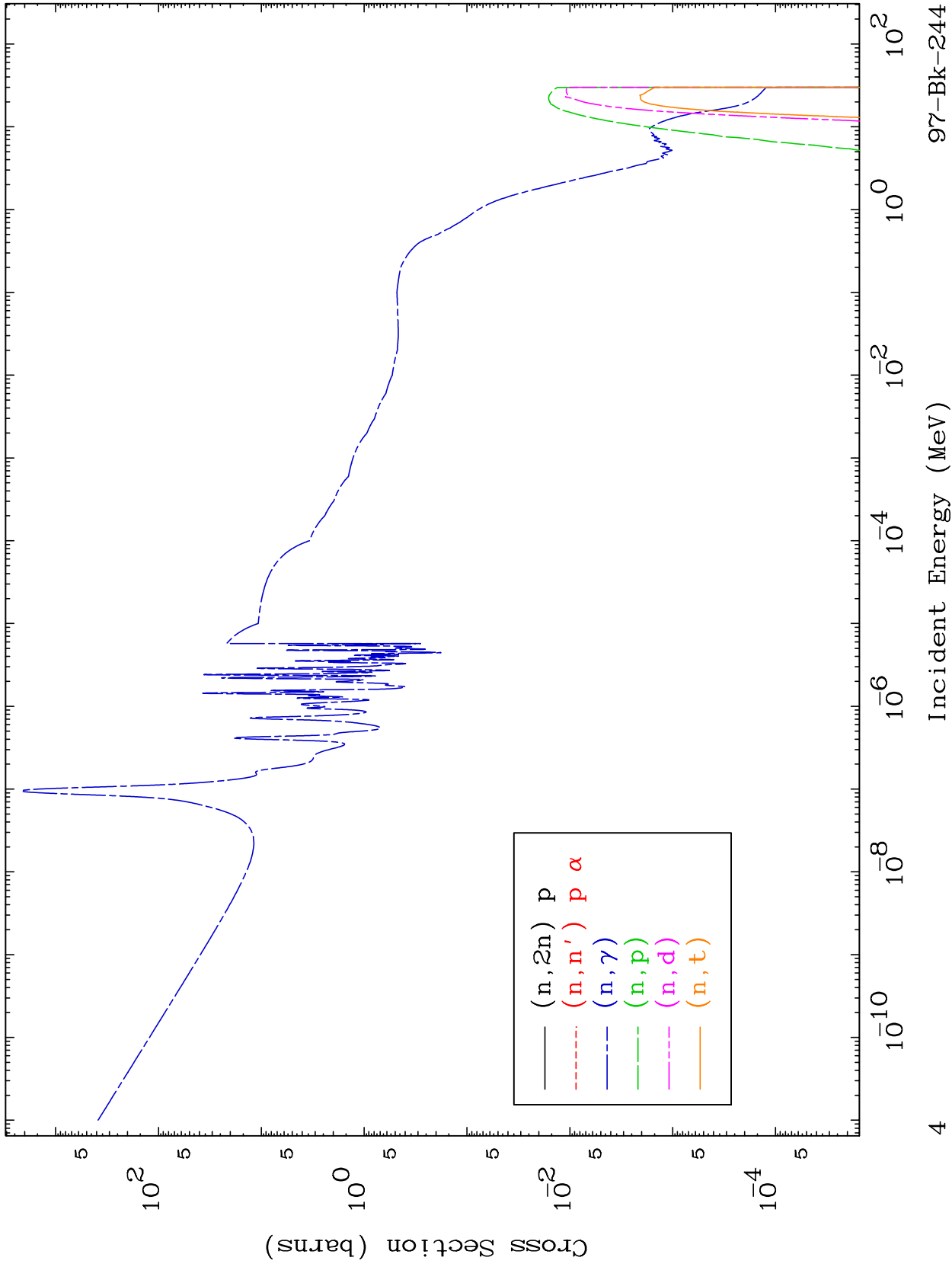
97-Bk-244



MAT 9737

Neutron Absorption
293 Kelvin Cross Sections

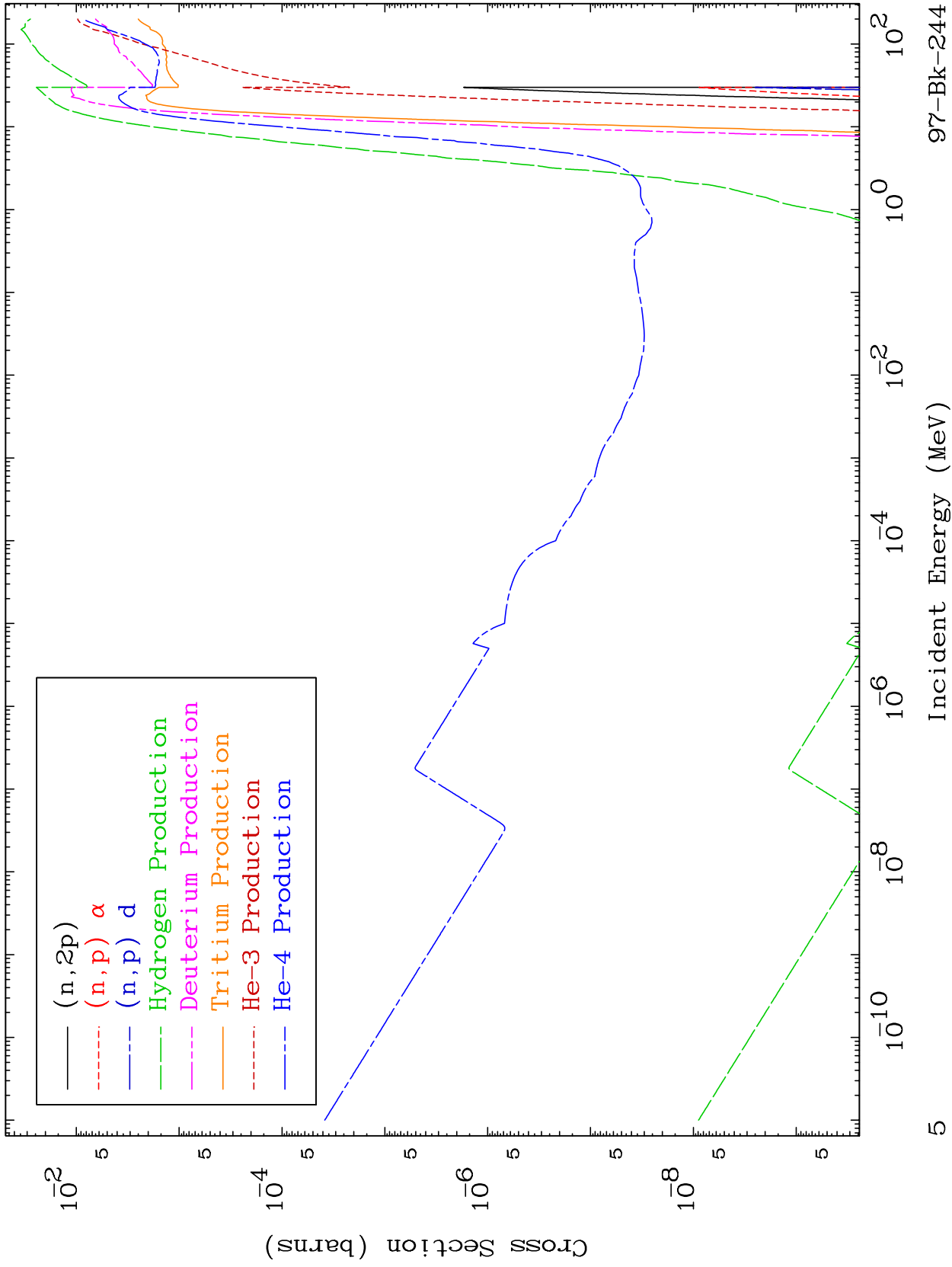
97-Bk-244



MAT 9737

Neutron Absorption
293 Kelvin Cross Sections

97-Bk-244

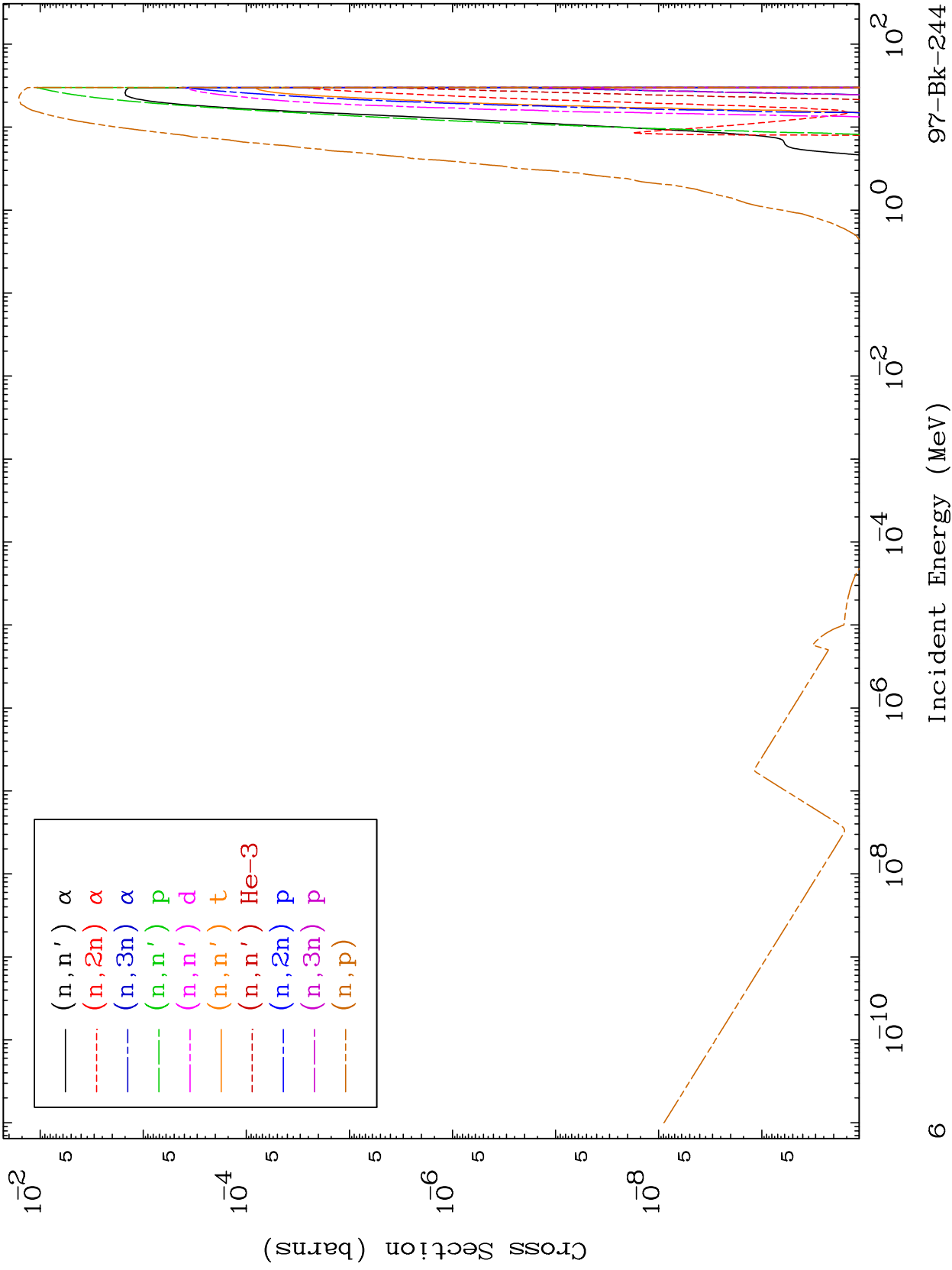


5

MAT 9737

Charged Particle
293 Kelvin Cross Sections

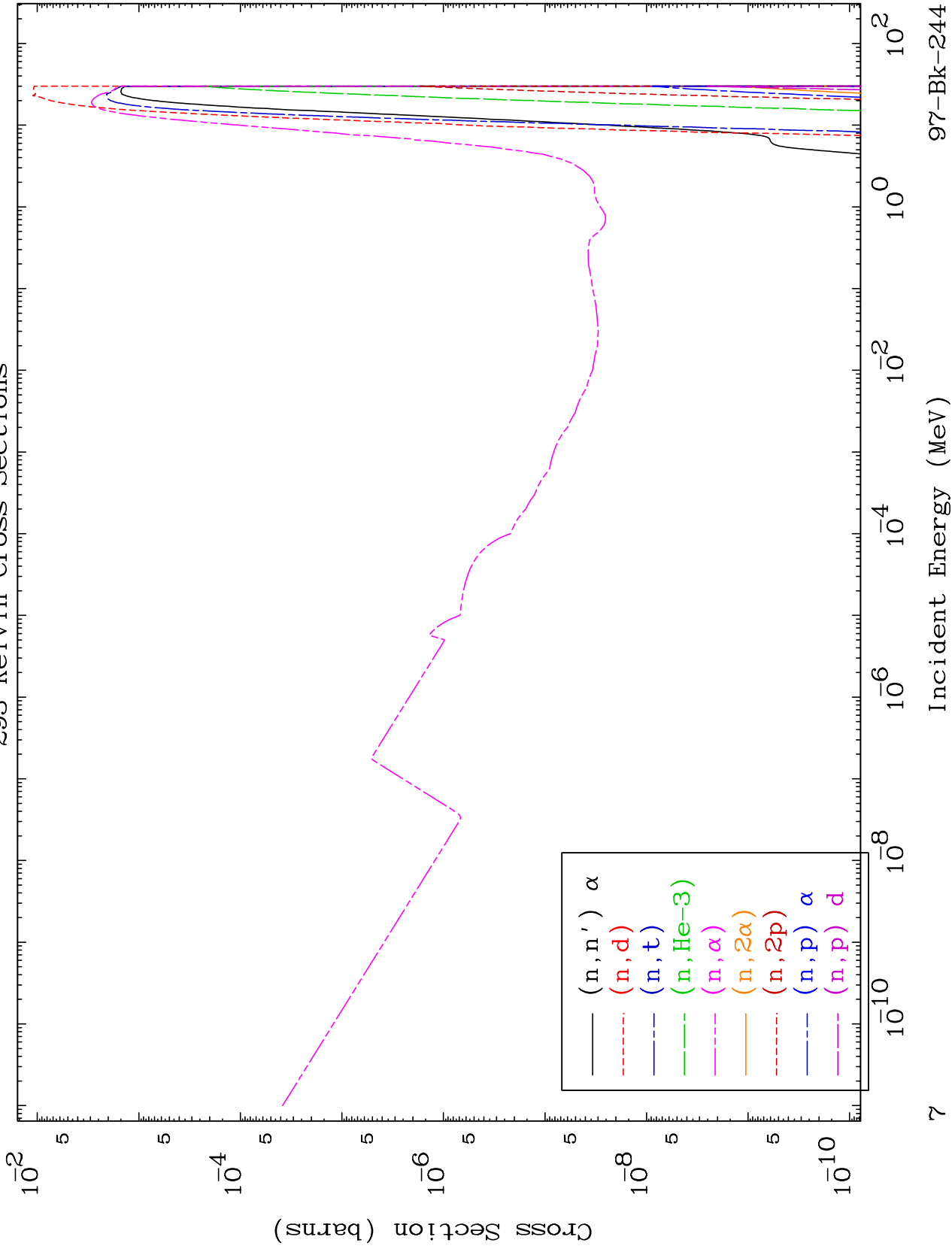
97-Bk-244



MAT 9737

Charged Particle
293 Kelvin Cross Sections

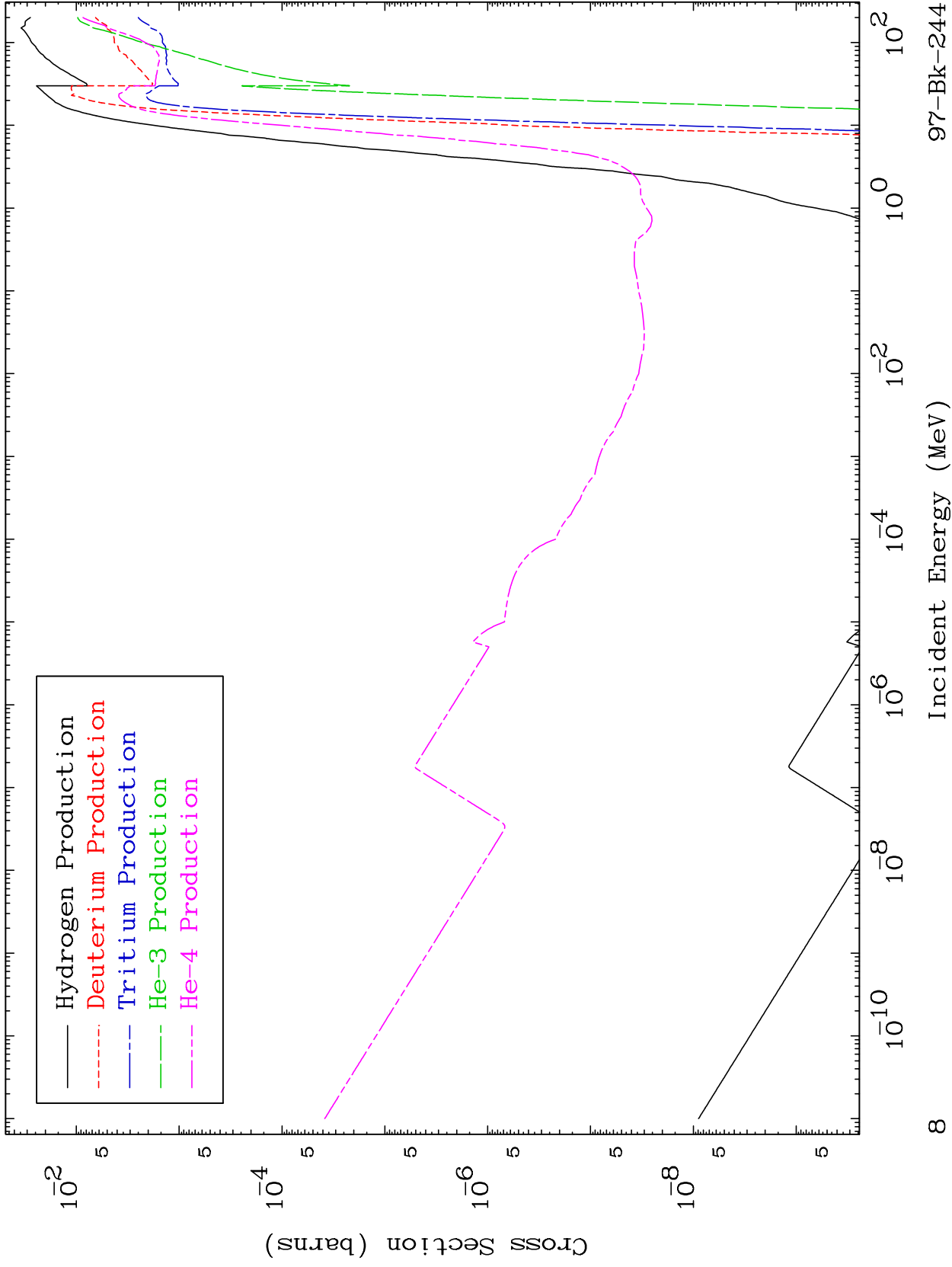
97-Bk-244



MAT 9737

Particle Production
293 Kelvin Cross Sections

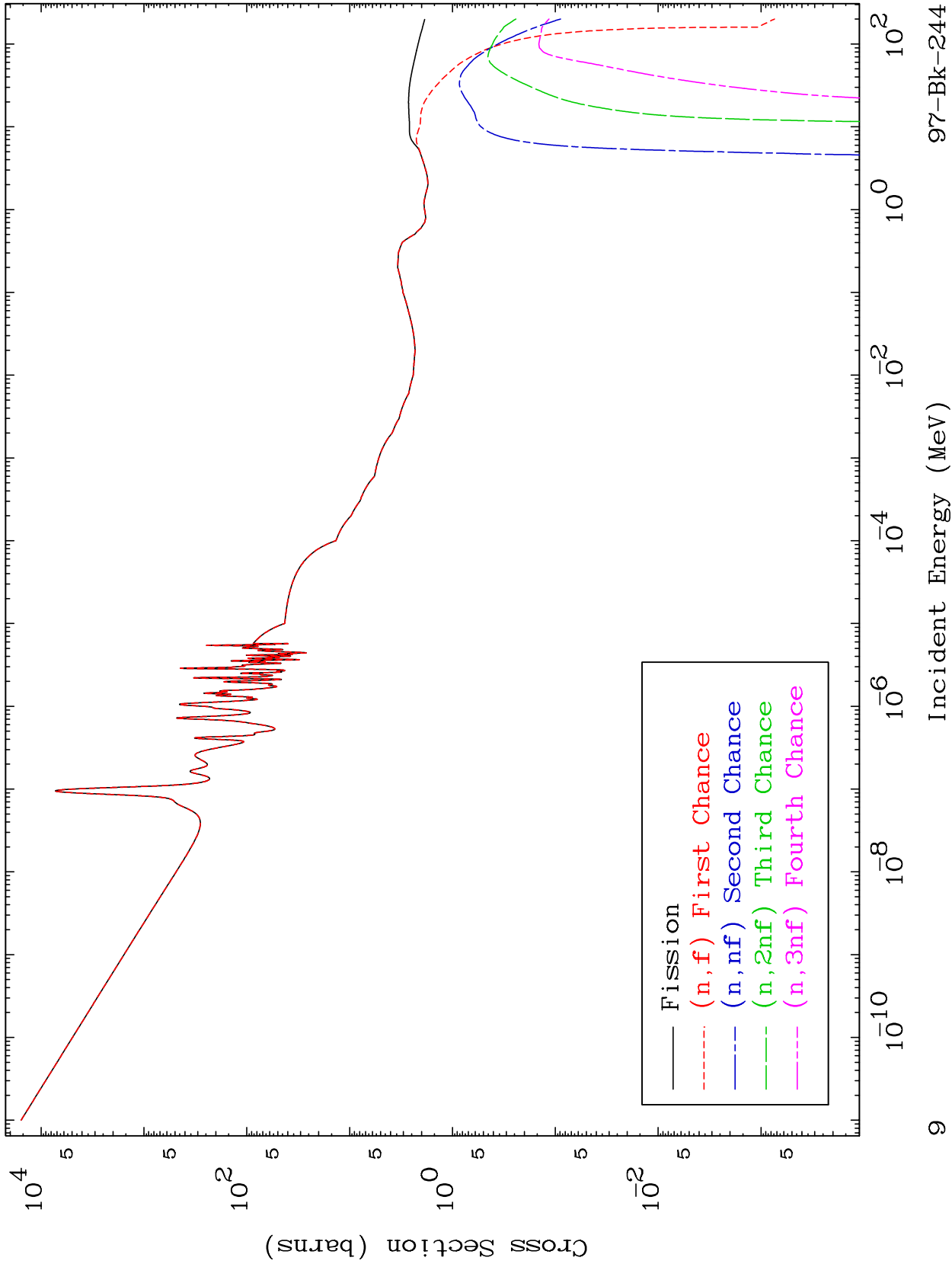
97-Bk-244



MAT 9737

Fission
293 Kelvin Cross Sections

97-Bk-244

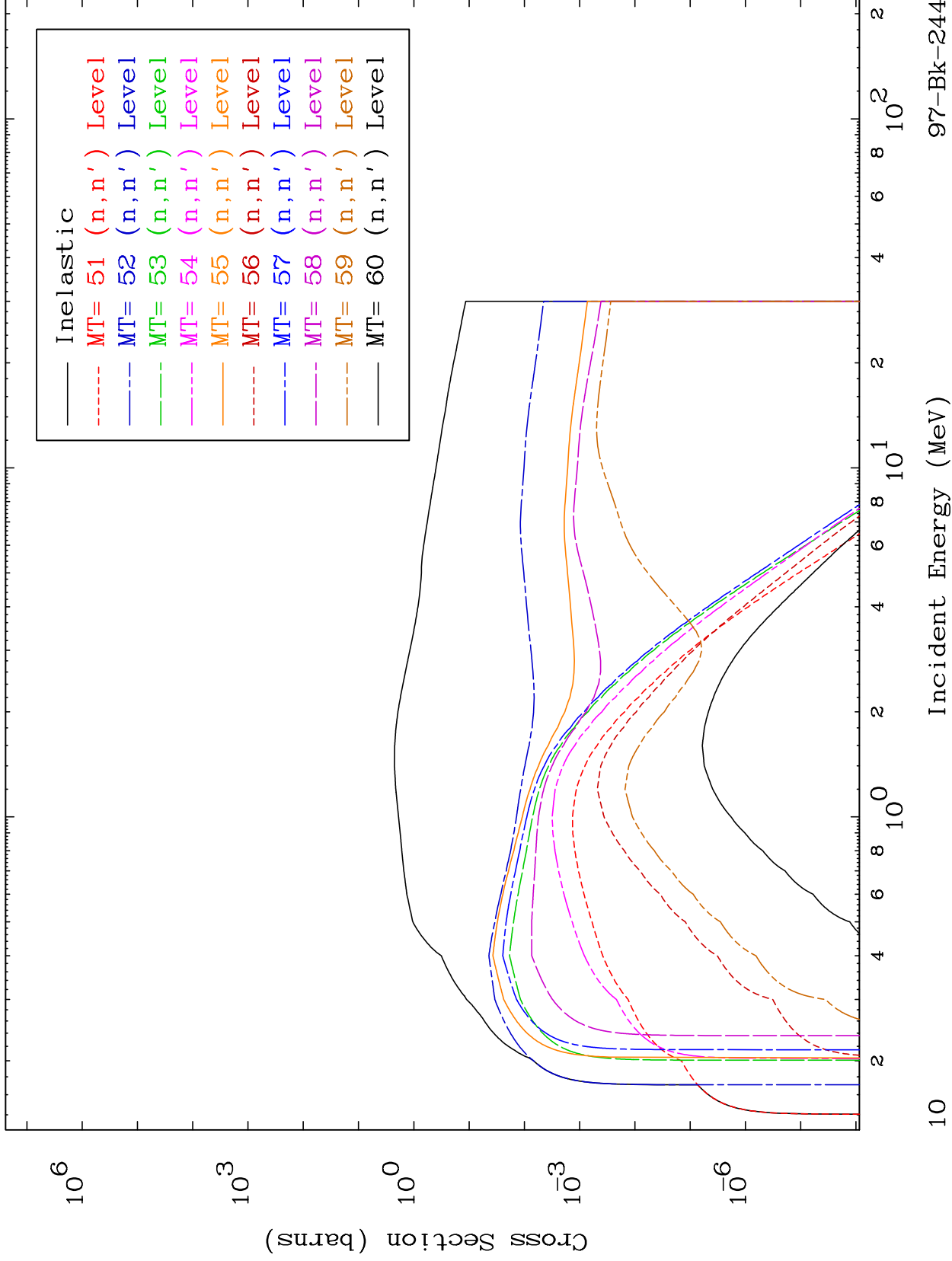


MAT 9737

(n,n') Levels

97-Bk-244

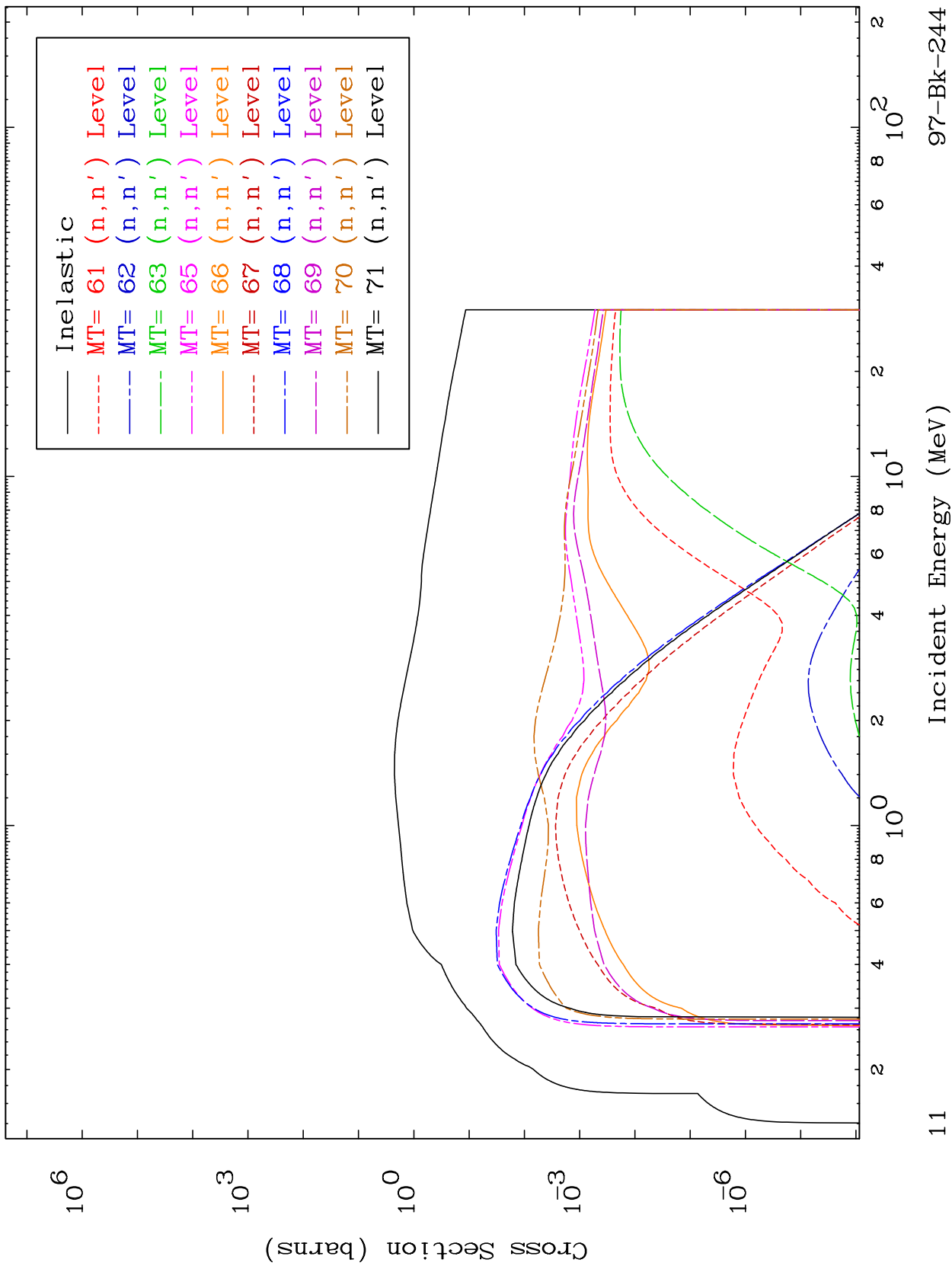
293 Kelvin Cross Sections



10

Incident Energy (MeV)

97-Bk-244

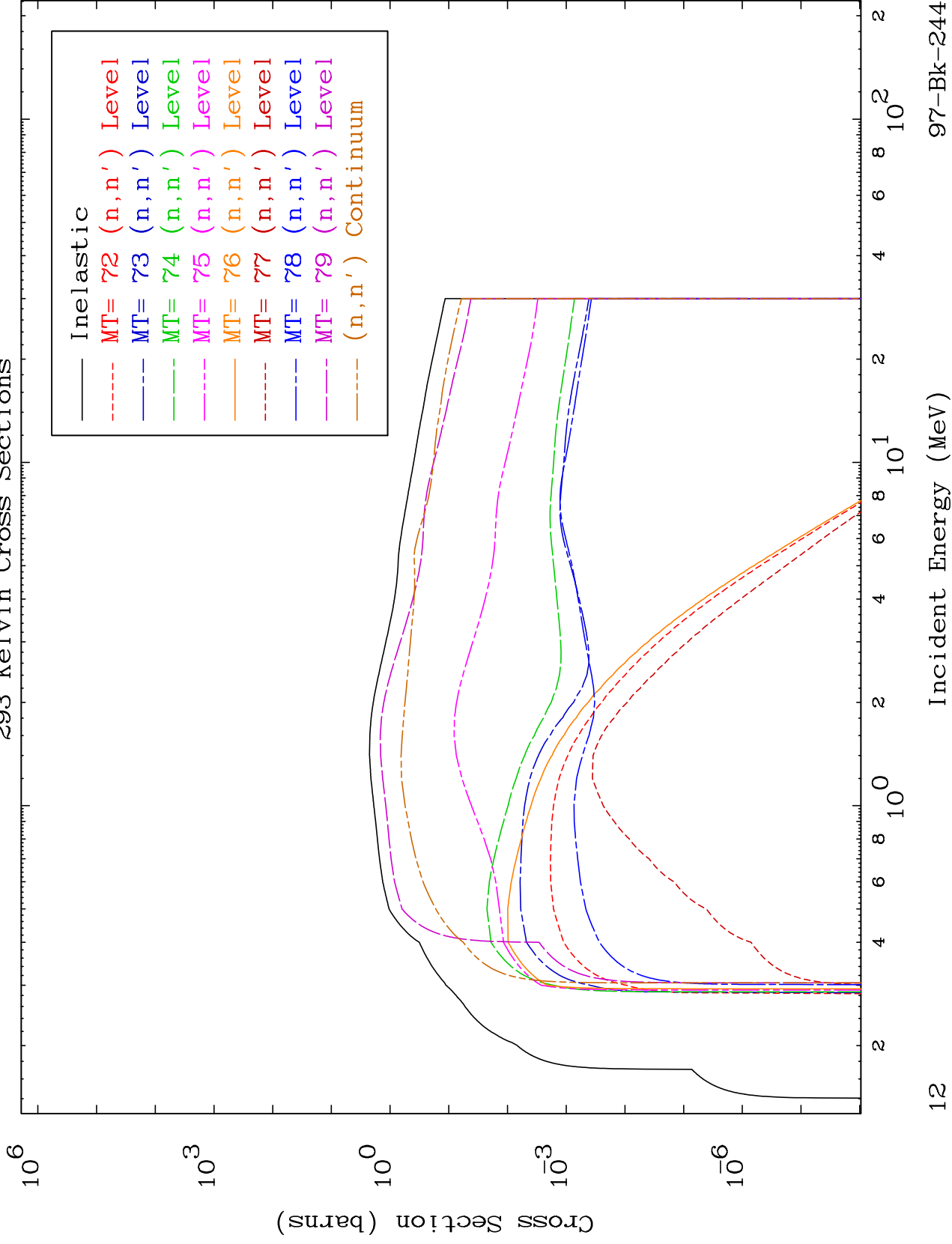


MAT 9737

(n,n') Levels

97-Bk-244

293 Kelvin Cross Sections



12

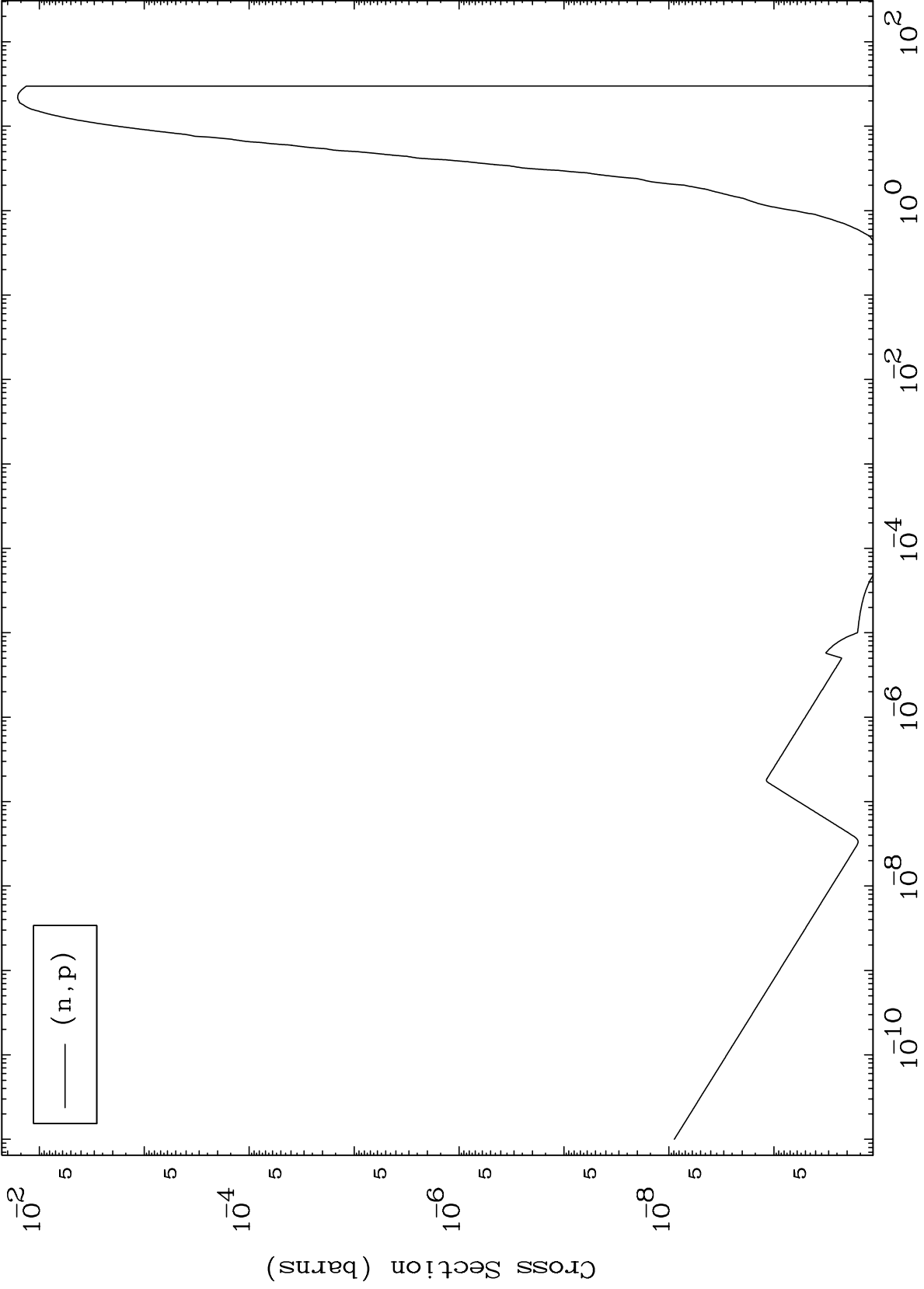
Incident Energy (MeV)

97-Bk-244

MAT 9737

(n,p) Levels
293 Kelvin Cross Sections

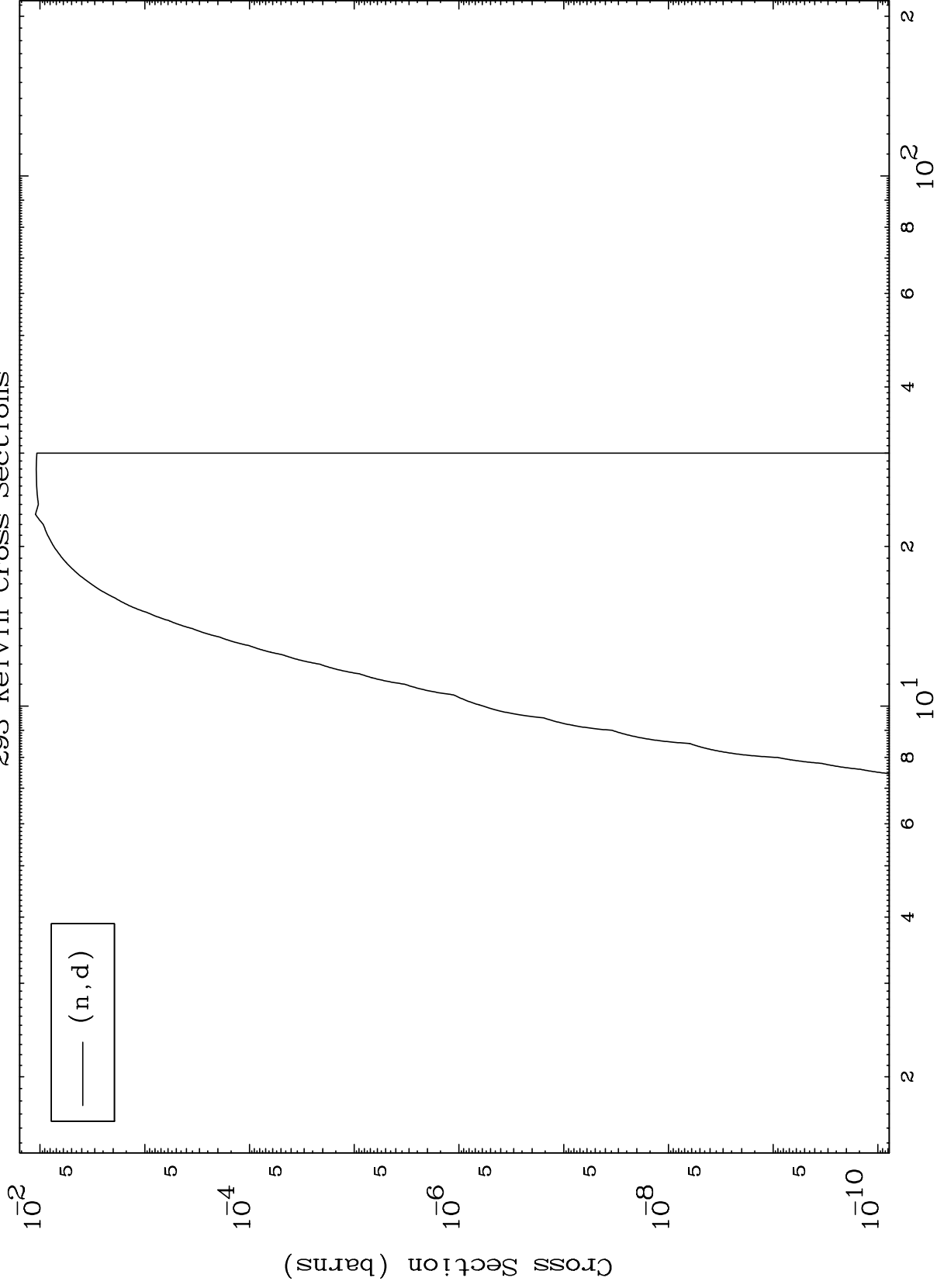
97-Bk-244



MAT 9737

(n,d) Levels
293 Kelvin Cross Sections

97-Bk-244



14

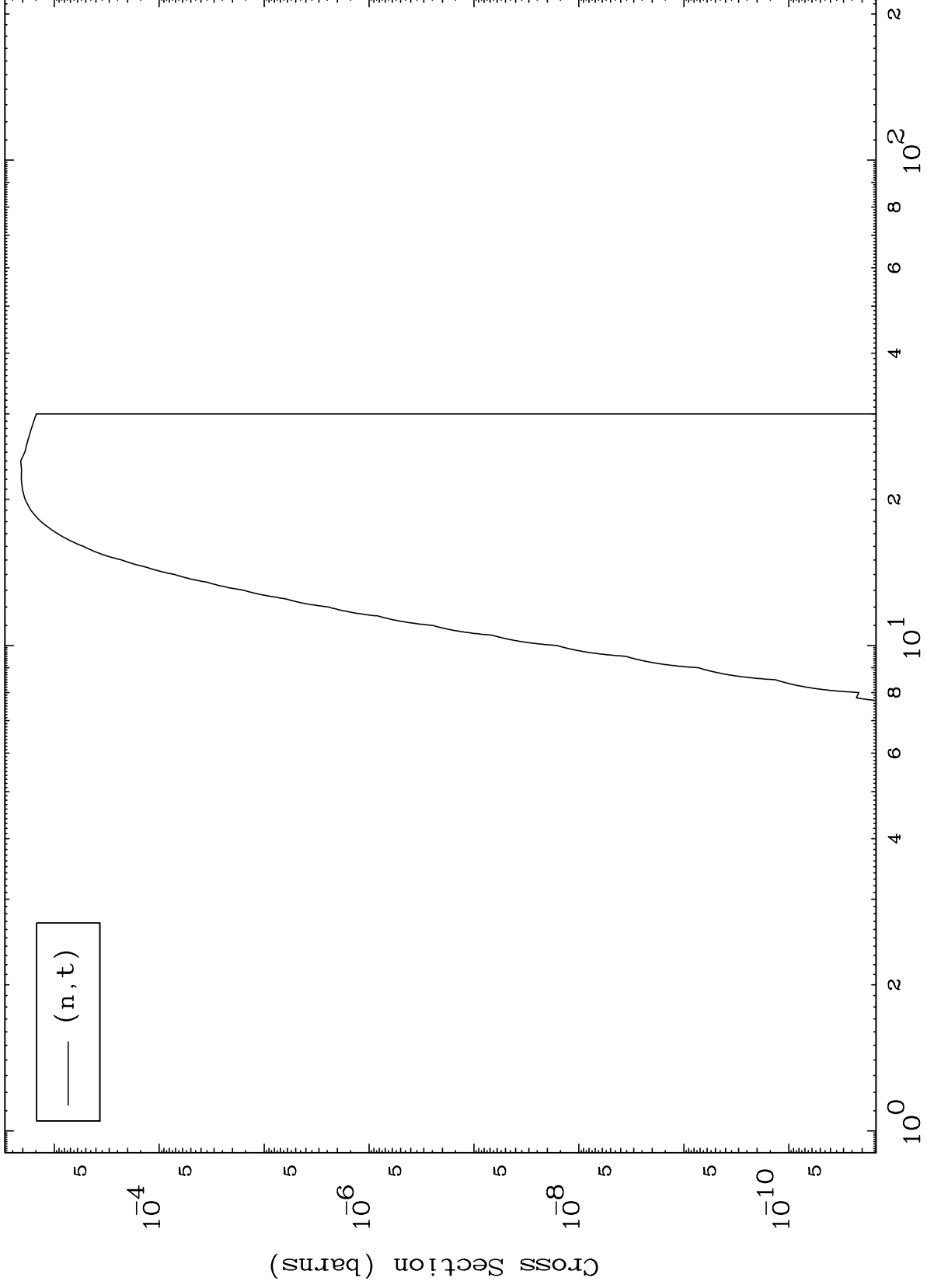
Incident Energy (MeV)

97-Bk-244

MAT 9737

(n,t) Levels
293 Kelvin Cross Sections

97-Bk-244



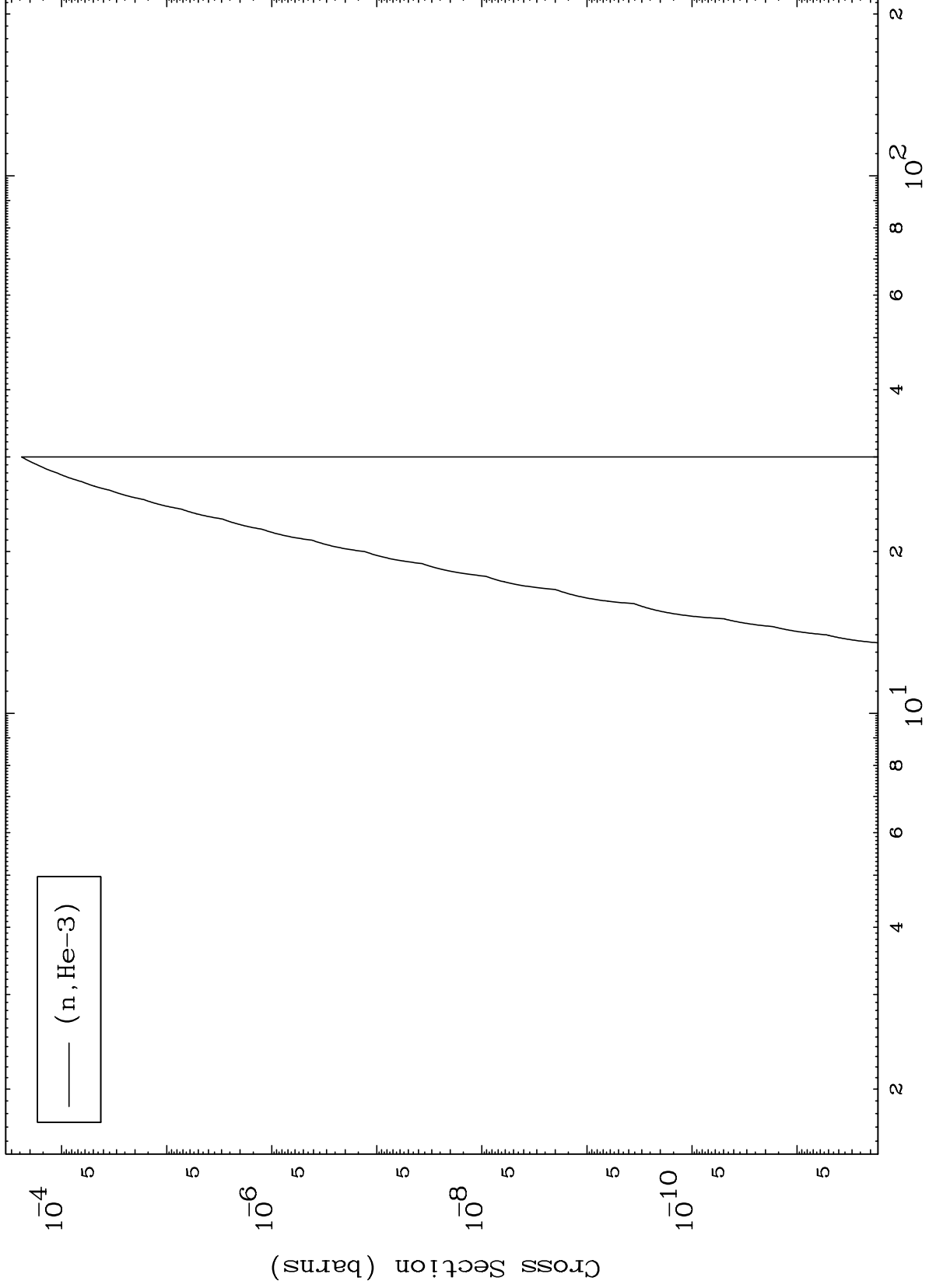
Incident Energy (MeV)

97-Bk-244

MAT 9737

(n,He3) Levels
293 Kelvin Cross Sections

97-Bk-244



16

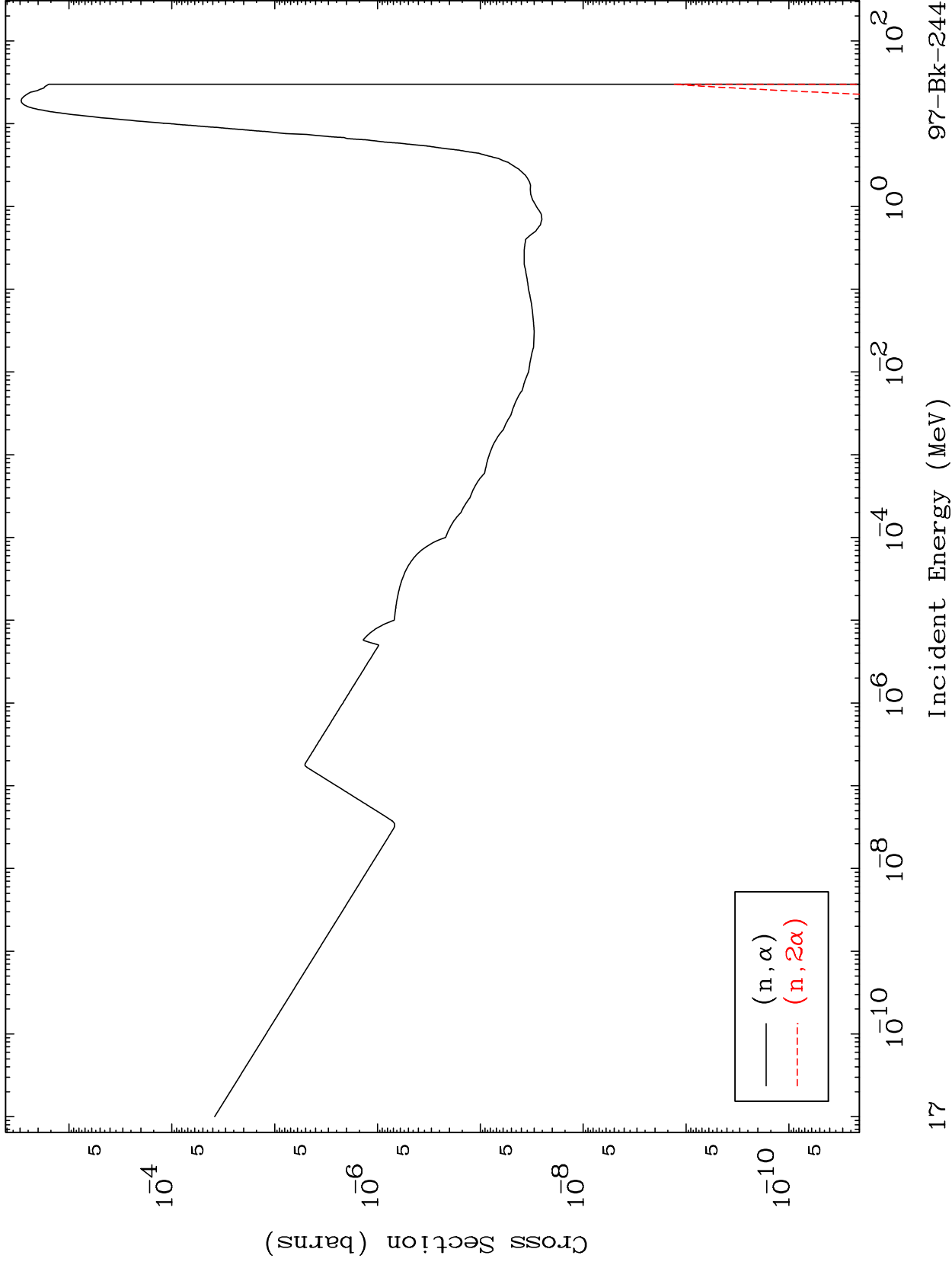
Incident Energy (MeV)

97-Bk-244

MAT 9737

(n,α) Levels
293 Kelvin Cross Sections

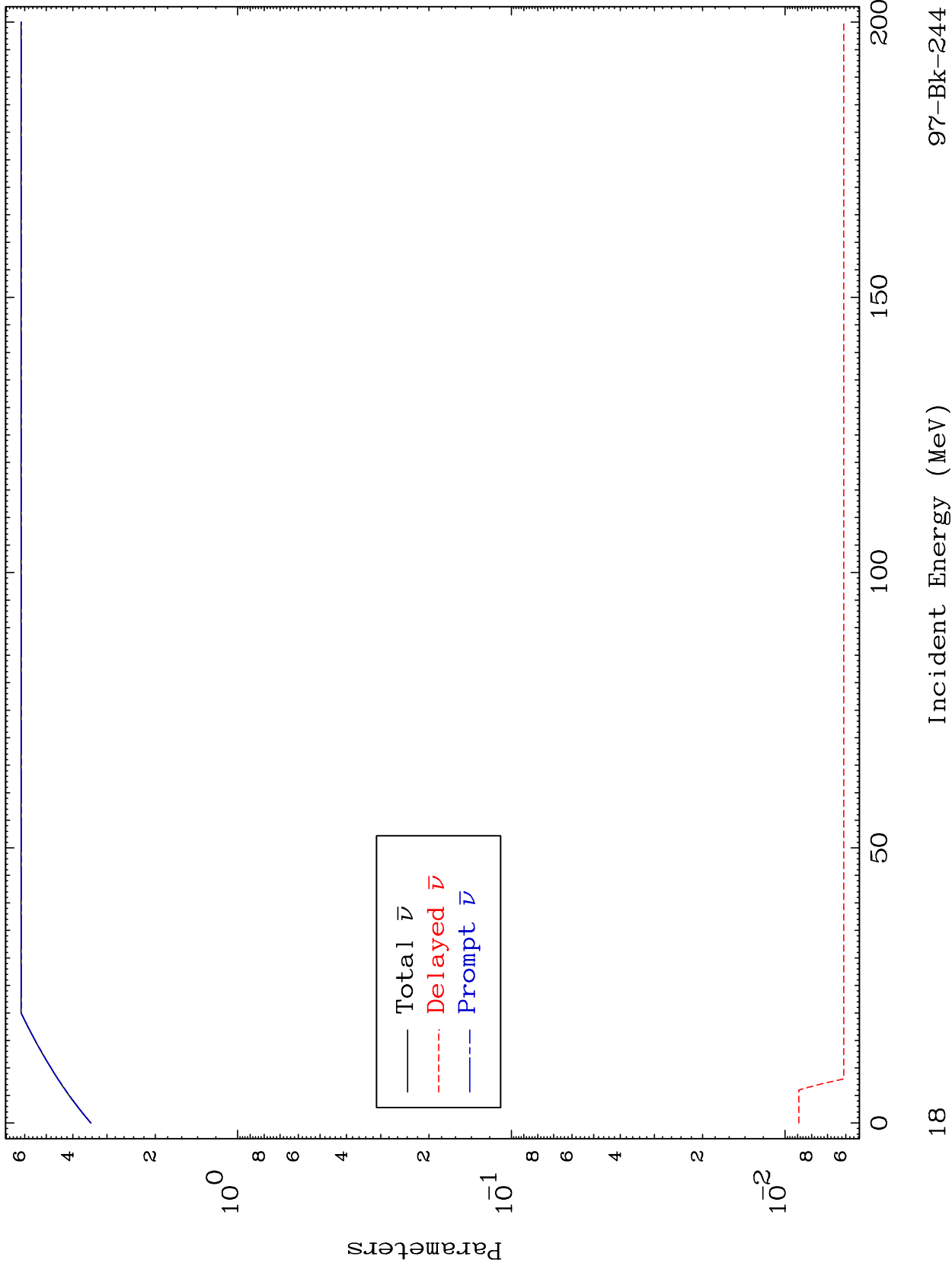
97-Bk-244



MAT 9737

Energy Release
Parameters

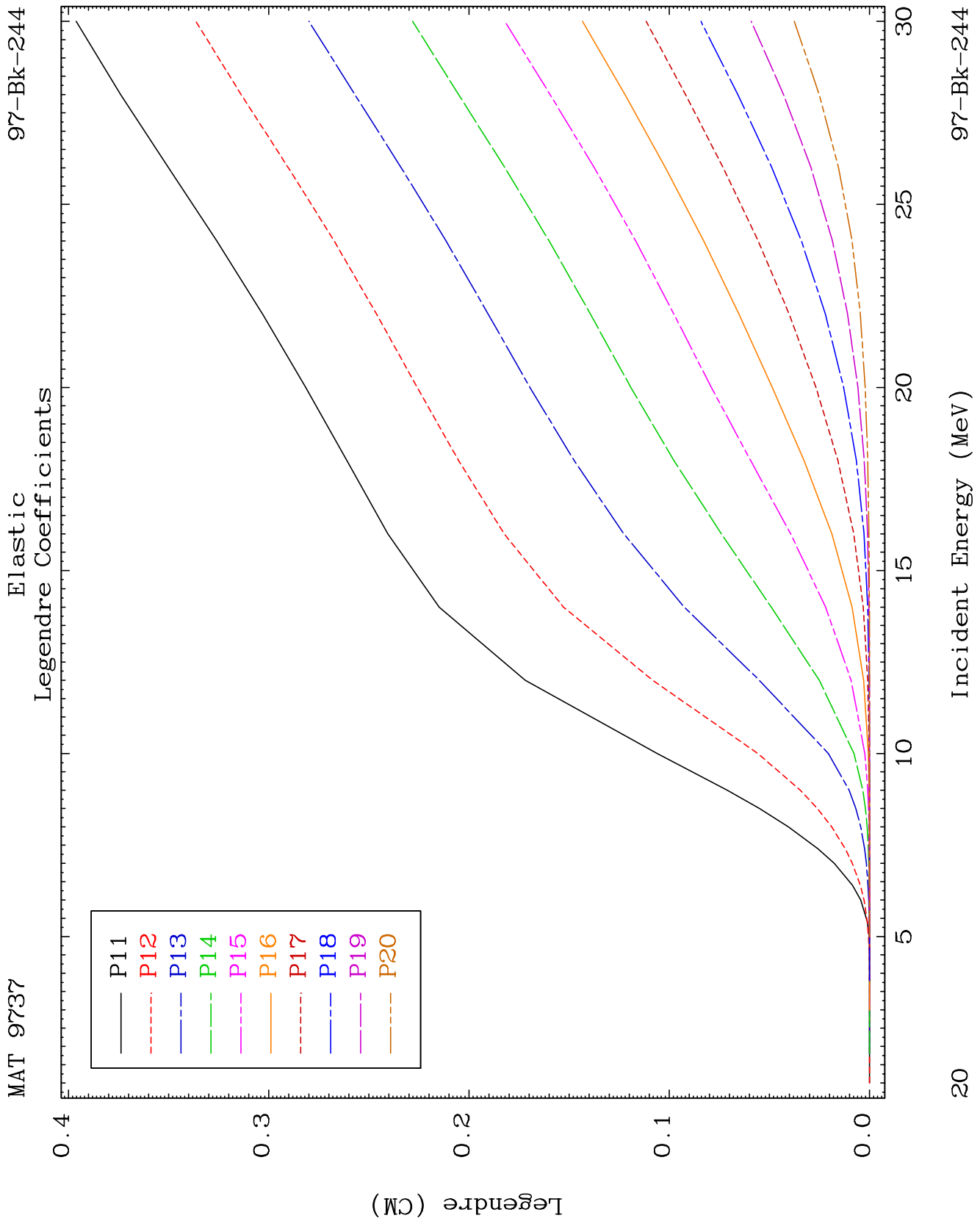
97-Bk-244



18

Incident Energy (MeV)

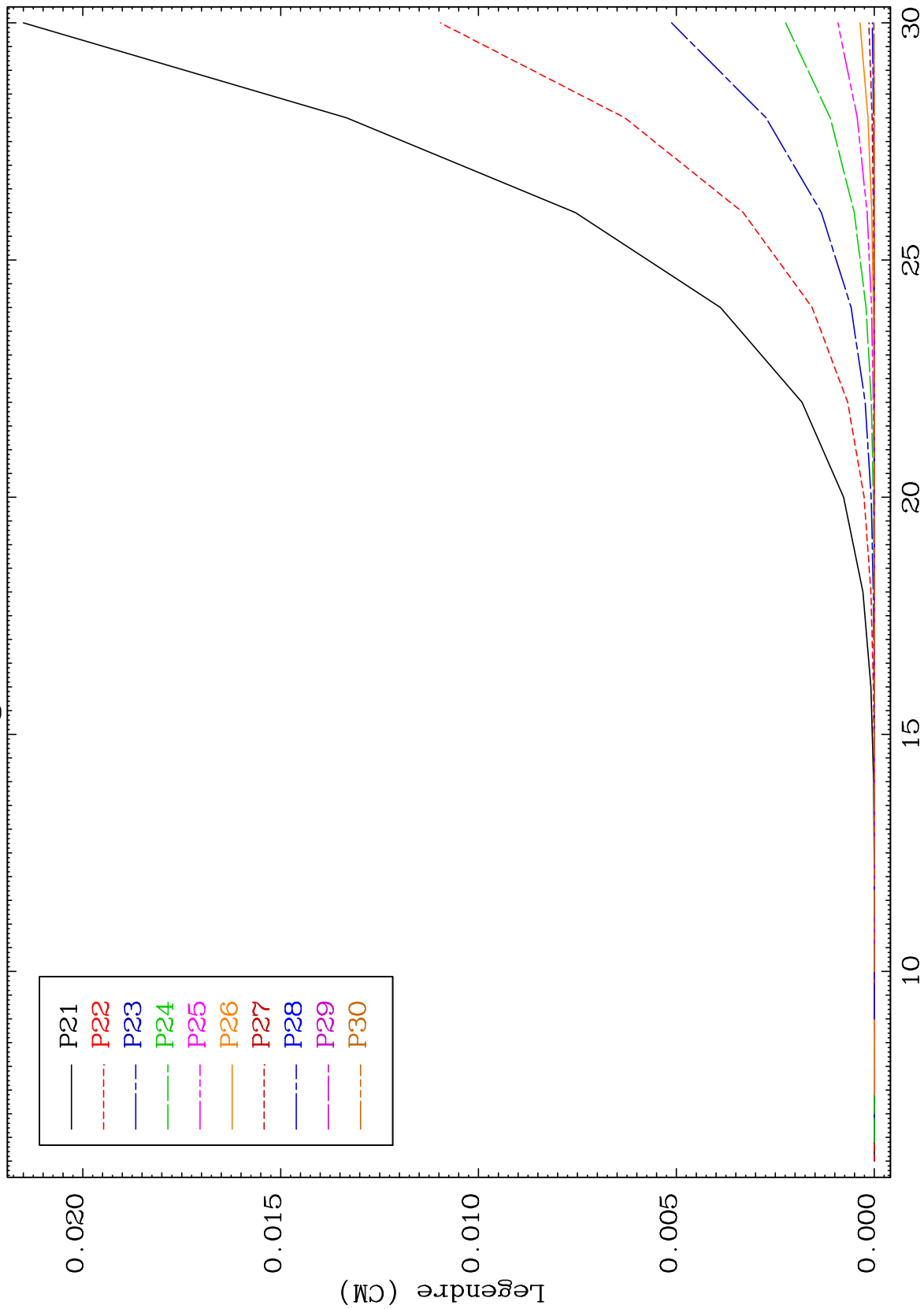
97-Bk-244



MAT 9737

Elastic Legendre Coefficients

97-Bk-244



21

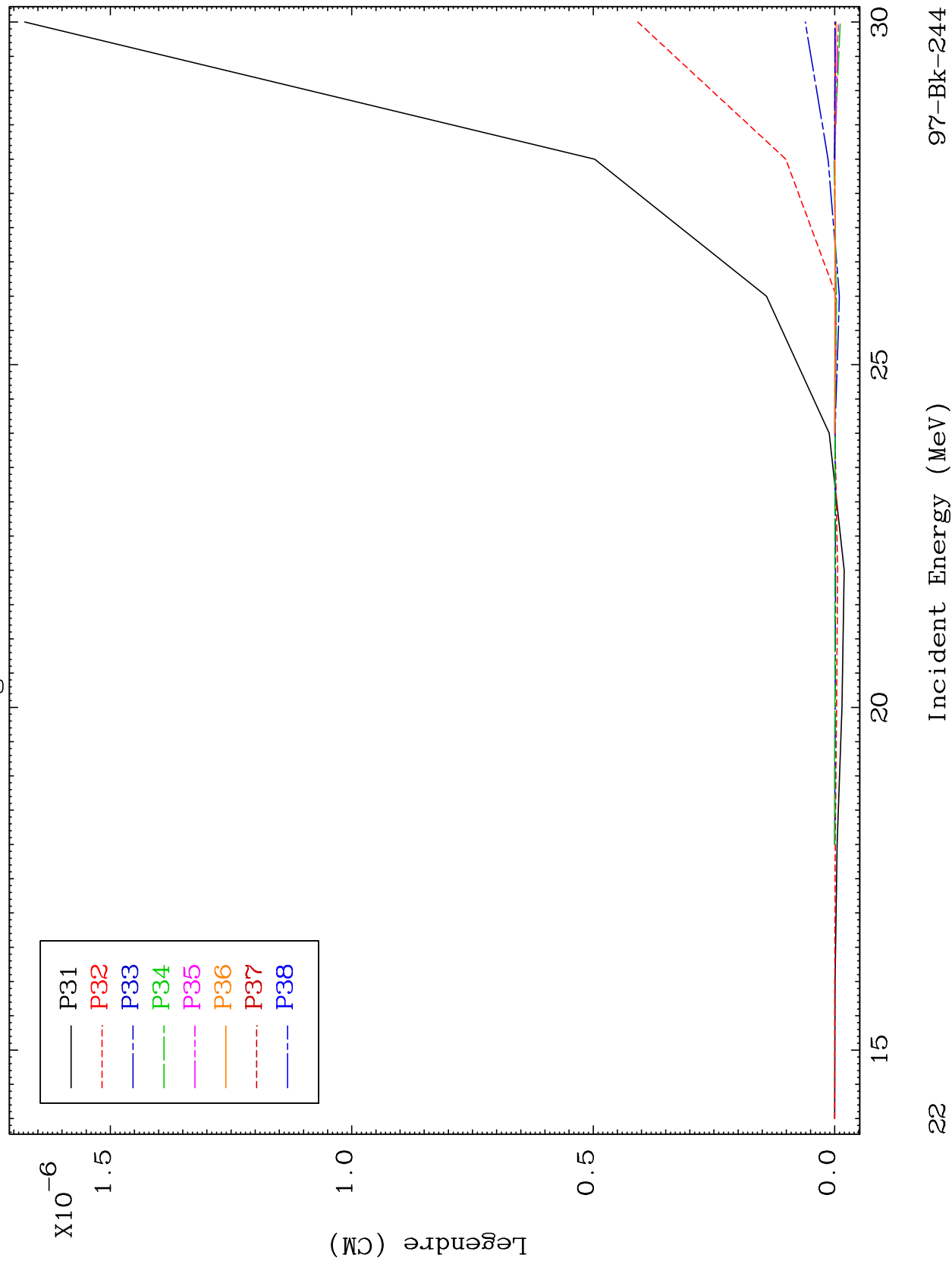
97-Bk-244

Incident Energy (MeV)

MAT 9737

Elastic
Legendre Coefficients

97-Bk-244

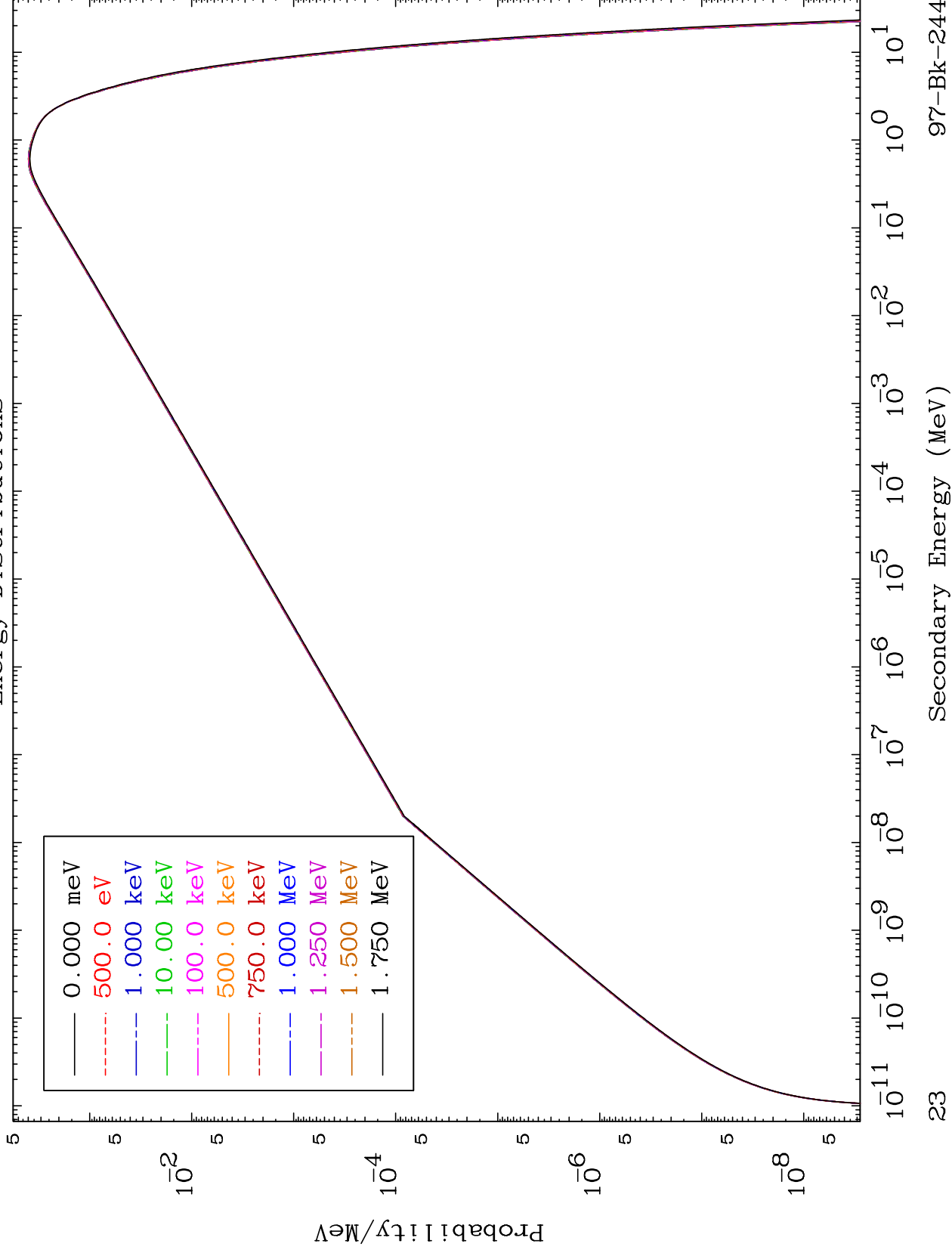


22

MAT 9737

Fission Energy Distributions

97-Bk-244



97-Bk-244

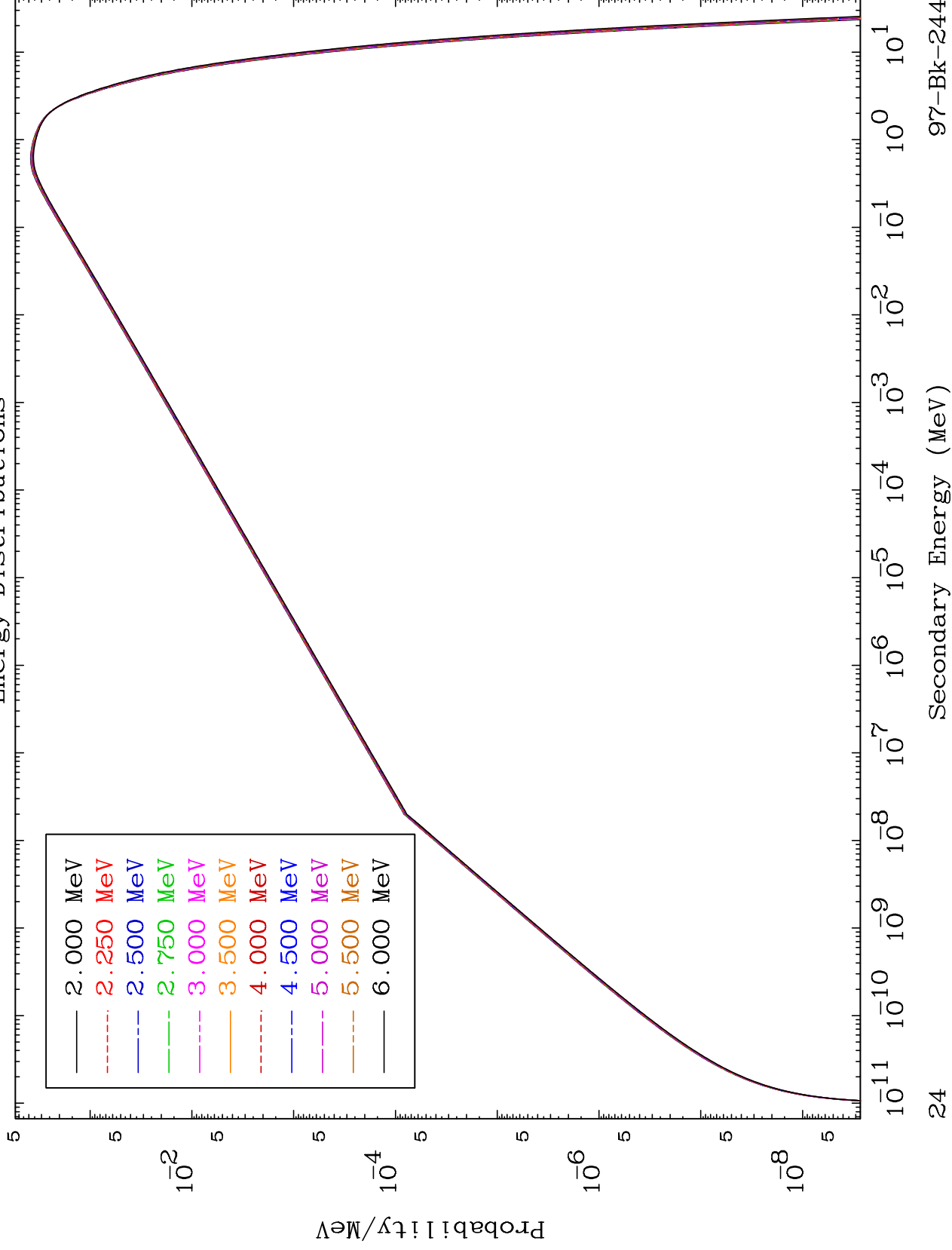
Secondary Energy (MeV)

23

MAT 9737

Fission Energy Distributions

97-Bk-244

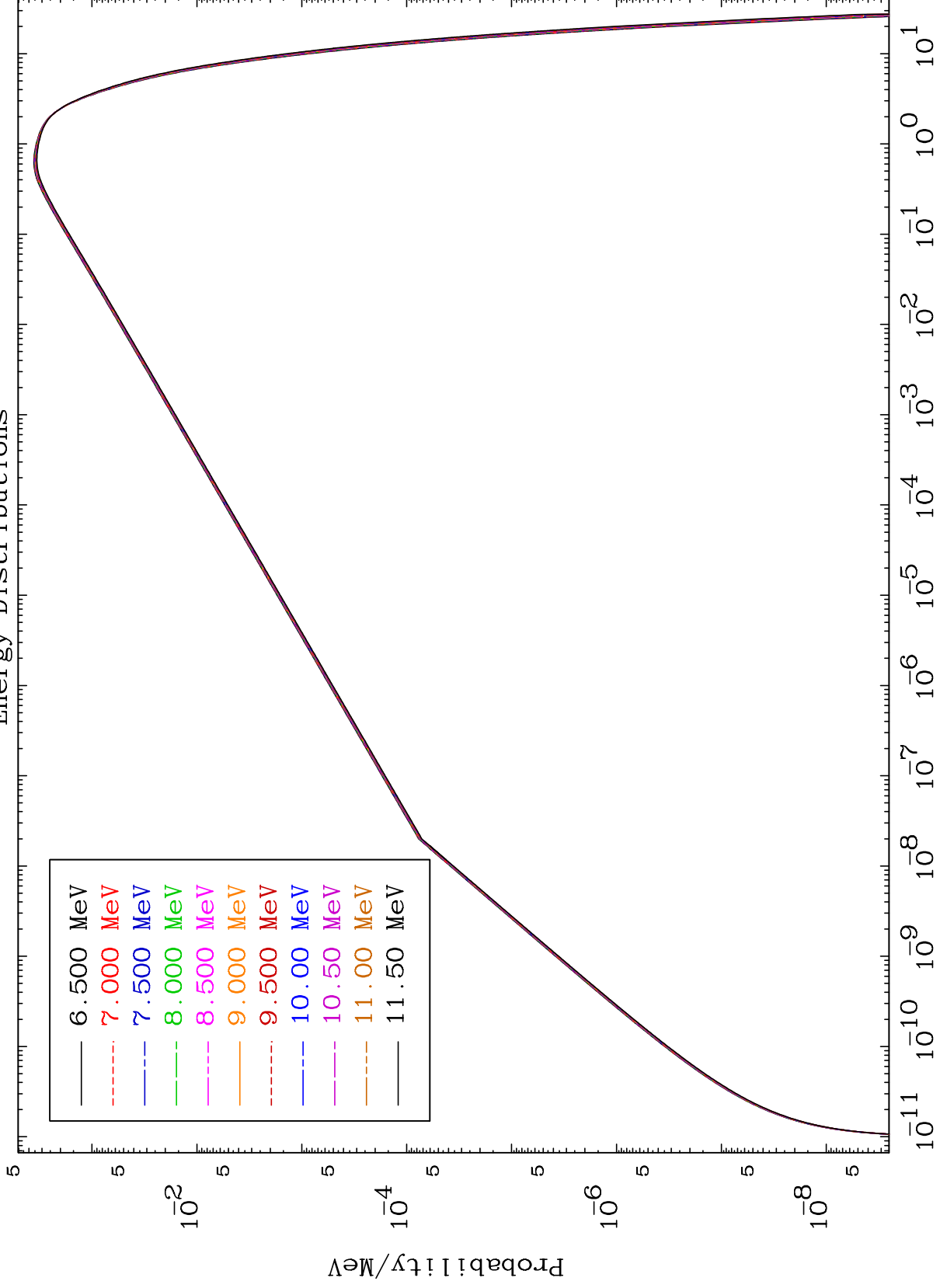


24

MAT 9737

Fission Energy Distributions

97-Bk-244



25

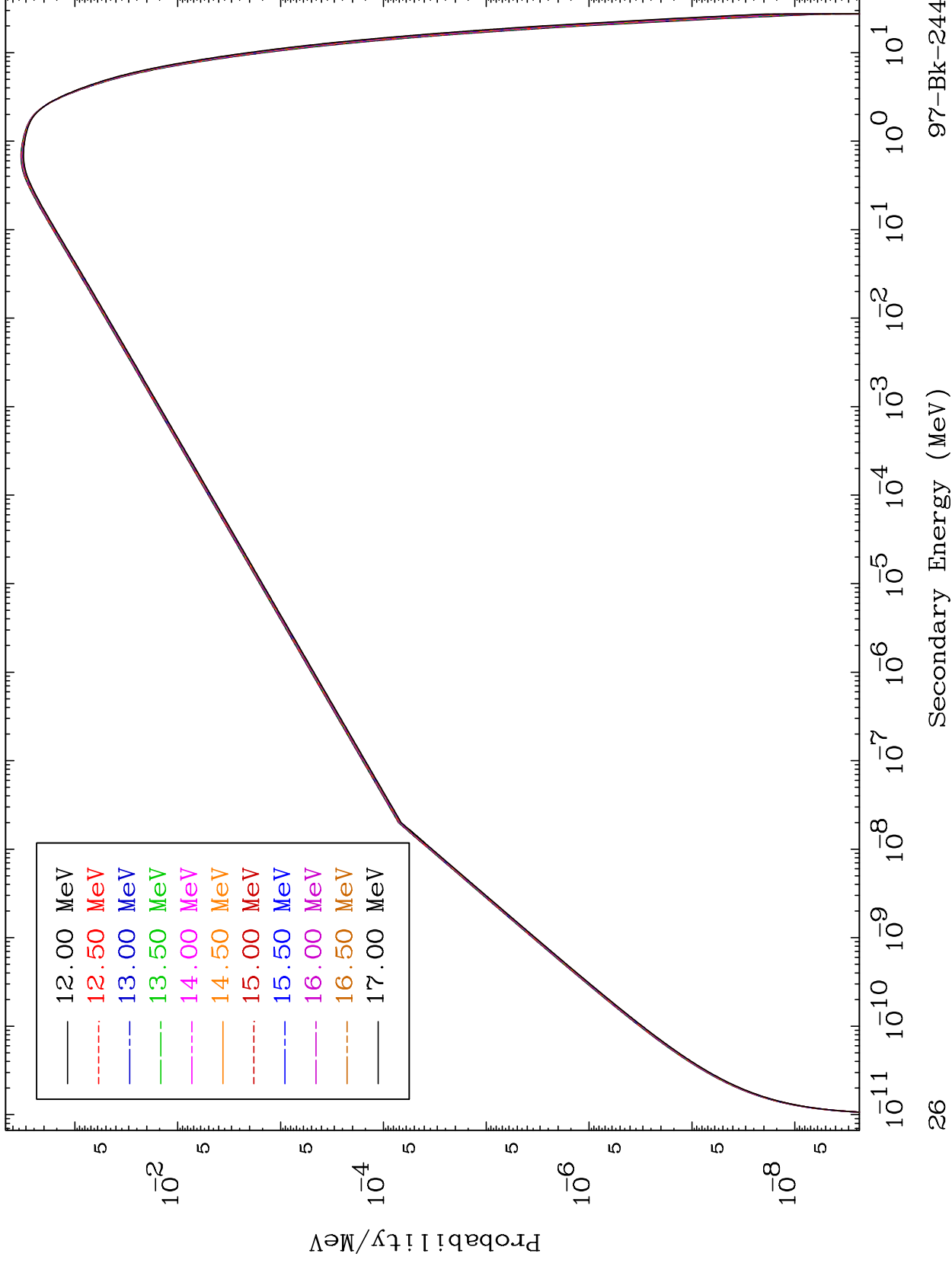
Secondary Energy (MeV)

97-Bk-244

MAT 9737

Fission Energy Distributions

97-Bk-244

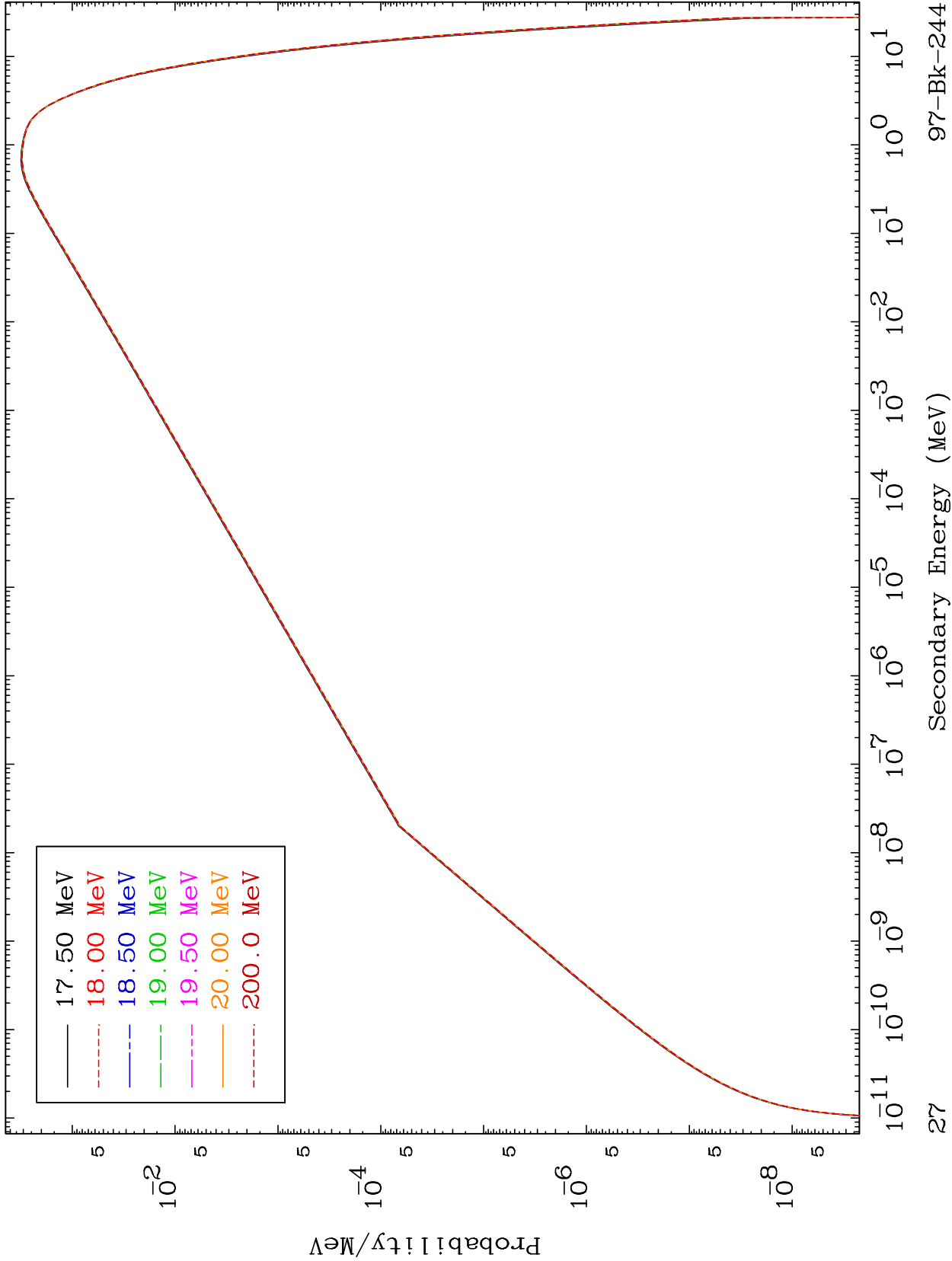


97-Bk-244

Secondary Energy (MeV)

26

Fission Energy Distributions

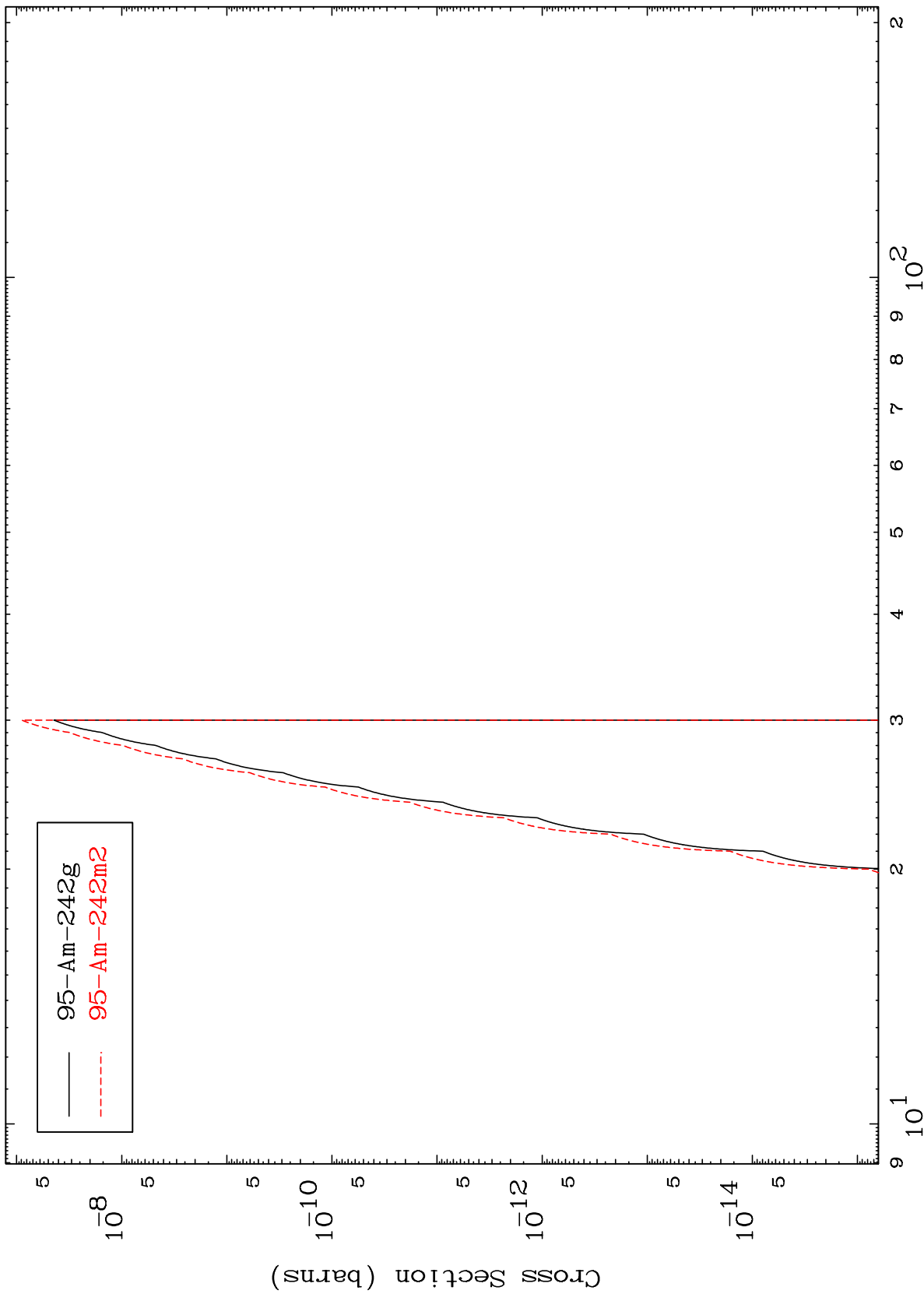


MAT 9737

(n,2n) p

97-Bk-244

Radionuclide Production Cross Section



— 95-Am-242g
- - - 95-Am-242m2

28

Incident Energy (MeV)

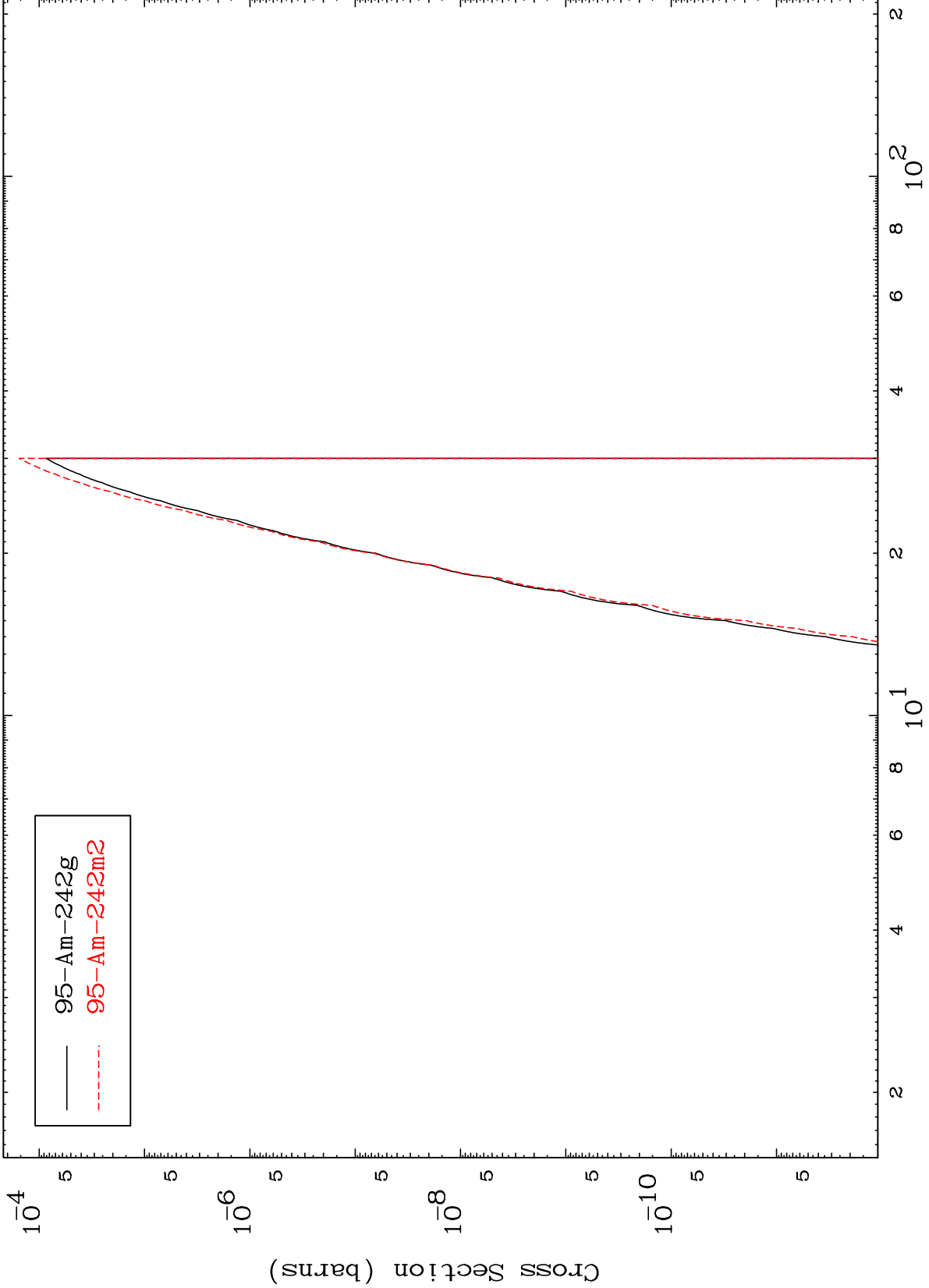
97-Bk-244

MAT 9737

(n,He-3)

97-Bk-244

Radionuclide Production Cross Section



29

Incident Energy (MeV)

97-Bk-244

Radionuclide Production Cross Section

