

Program EVALPLOT
(Version 2017-1)

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

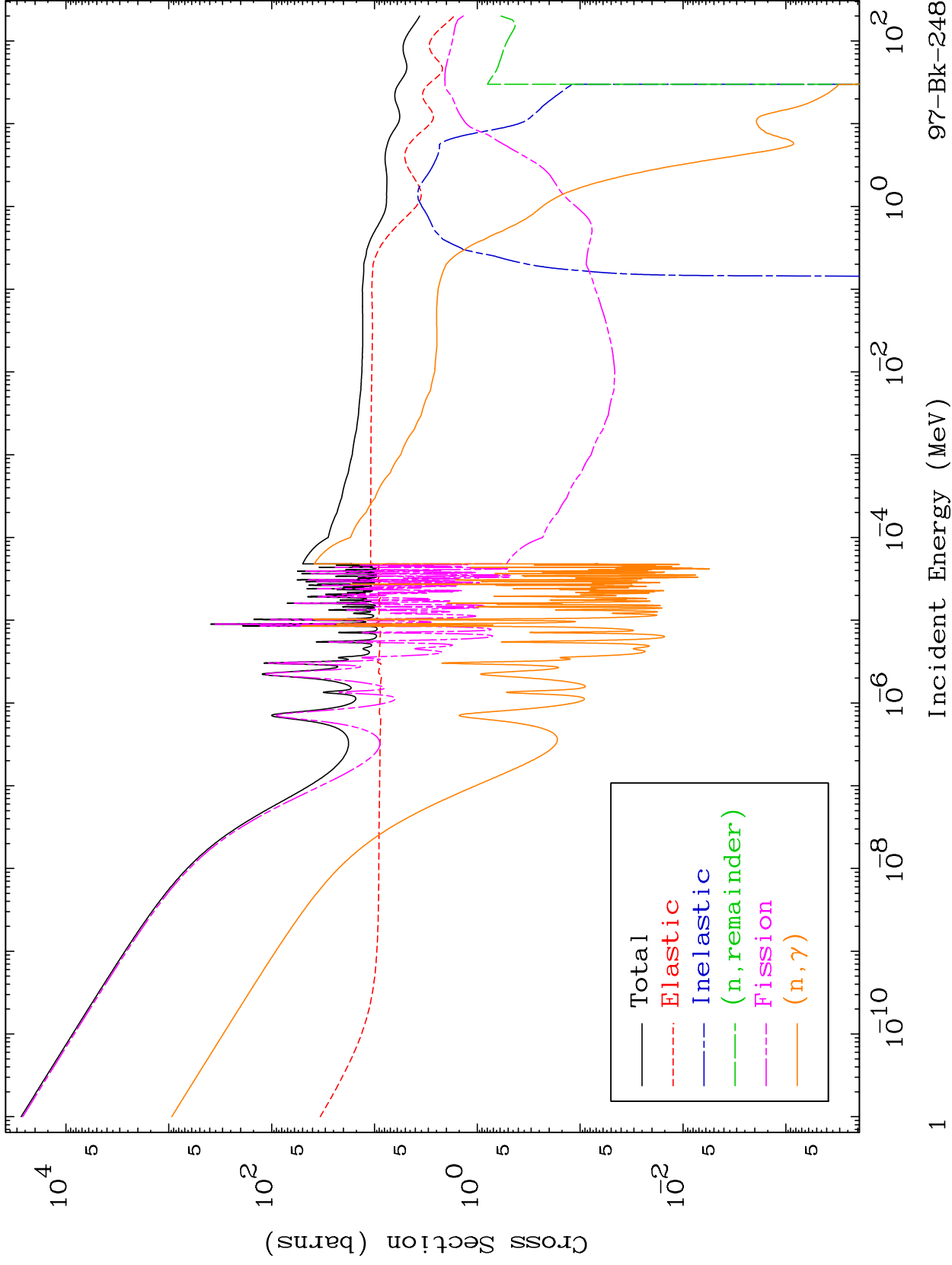
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9749

Major
293 Kelvin Cross Sections

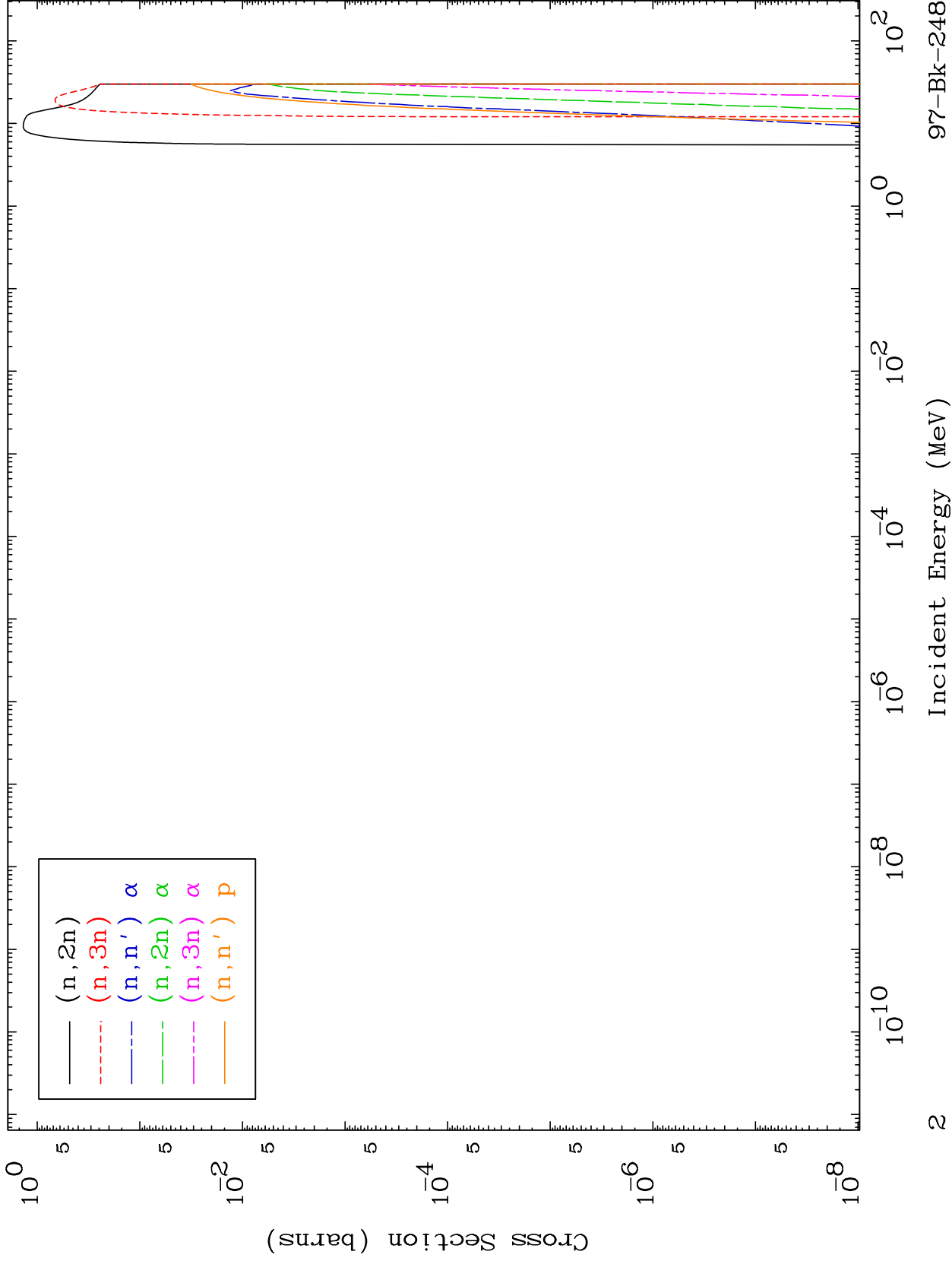
97-Bk-248

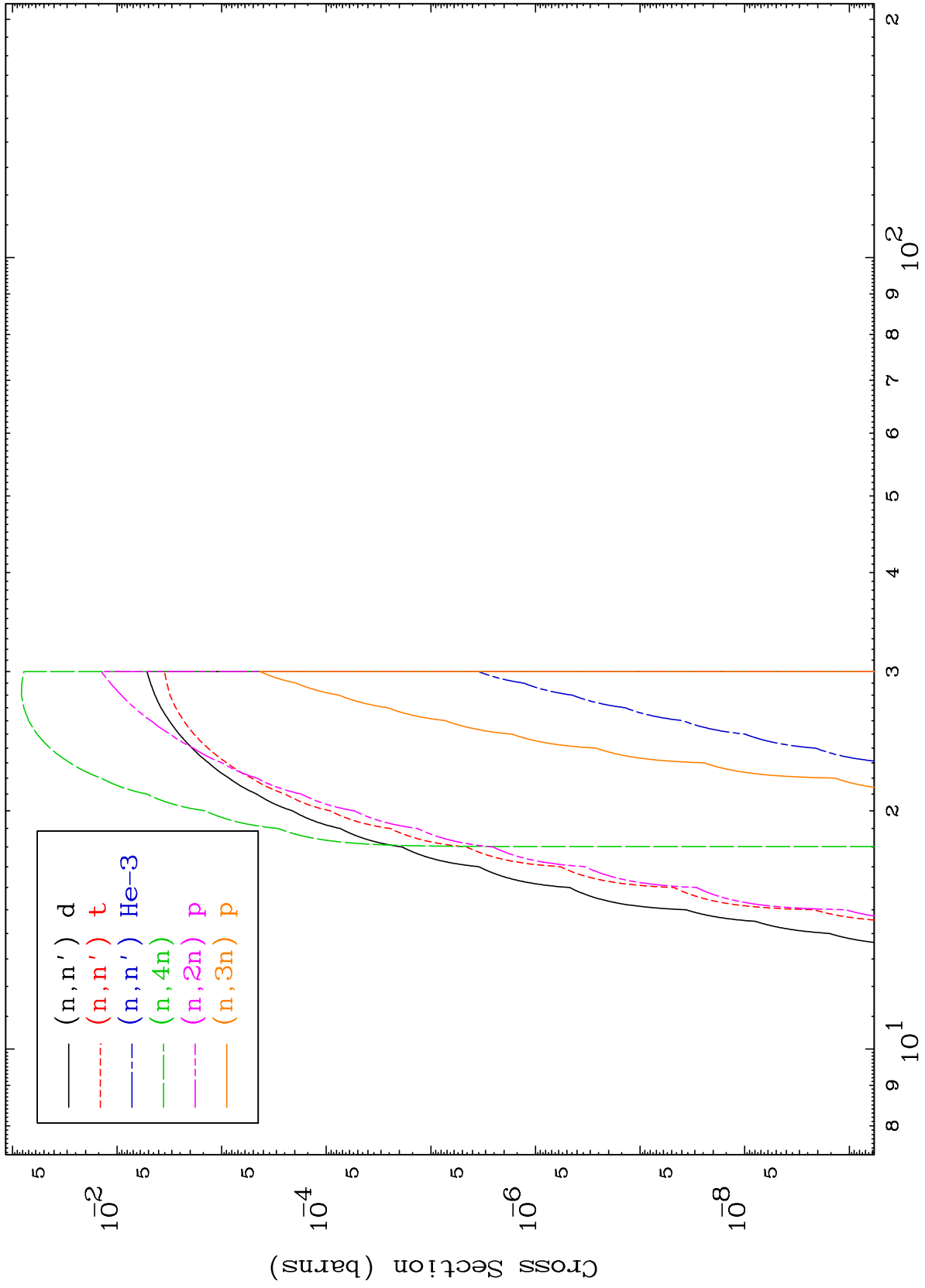


MAT 9749

Neutron Production
293 Kelvin Cross Sections

97-Bk-248

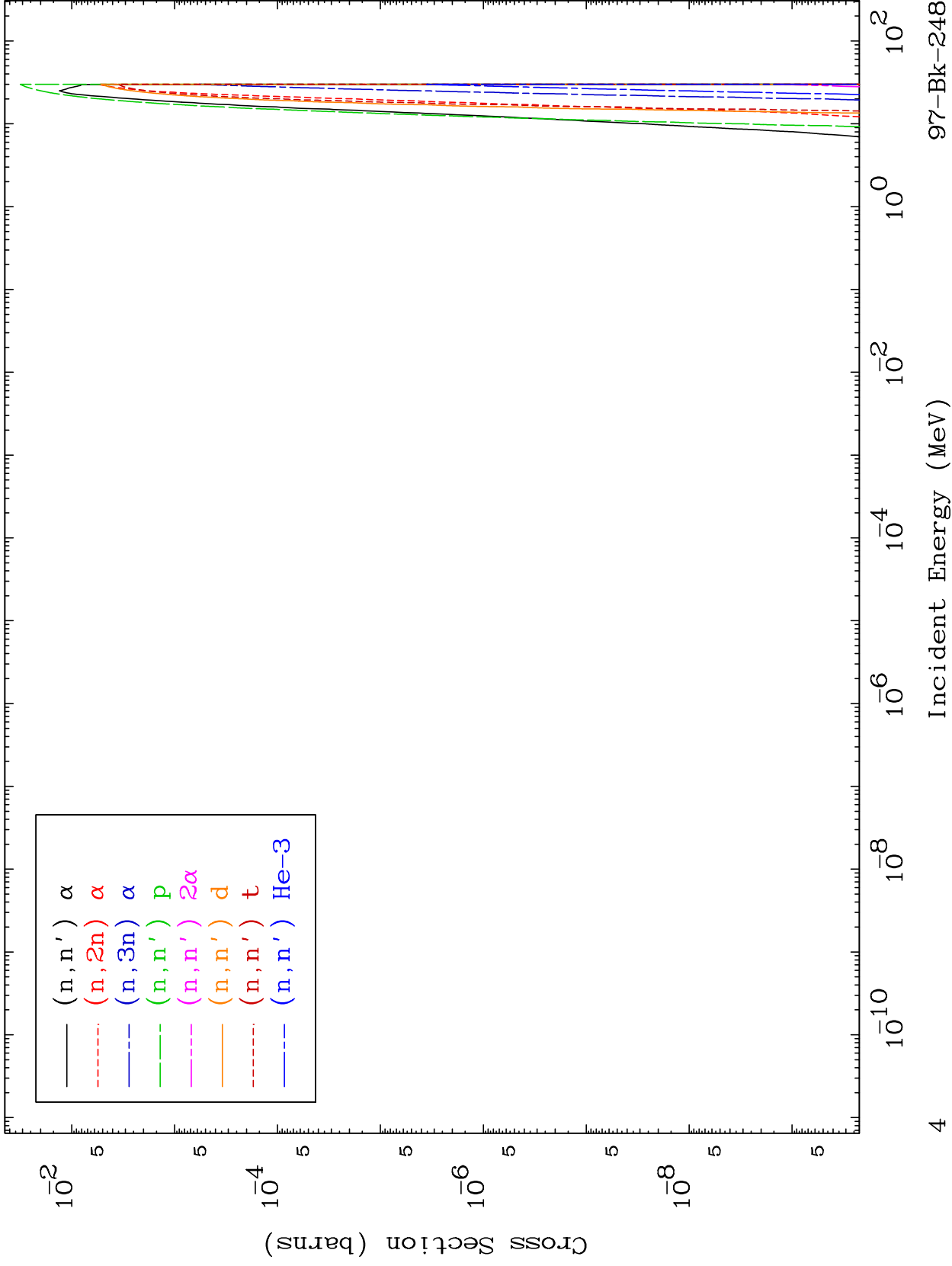




MAT 9749

Charged Particle
293 Kelvin Cross Sections

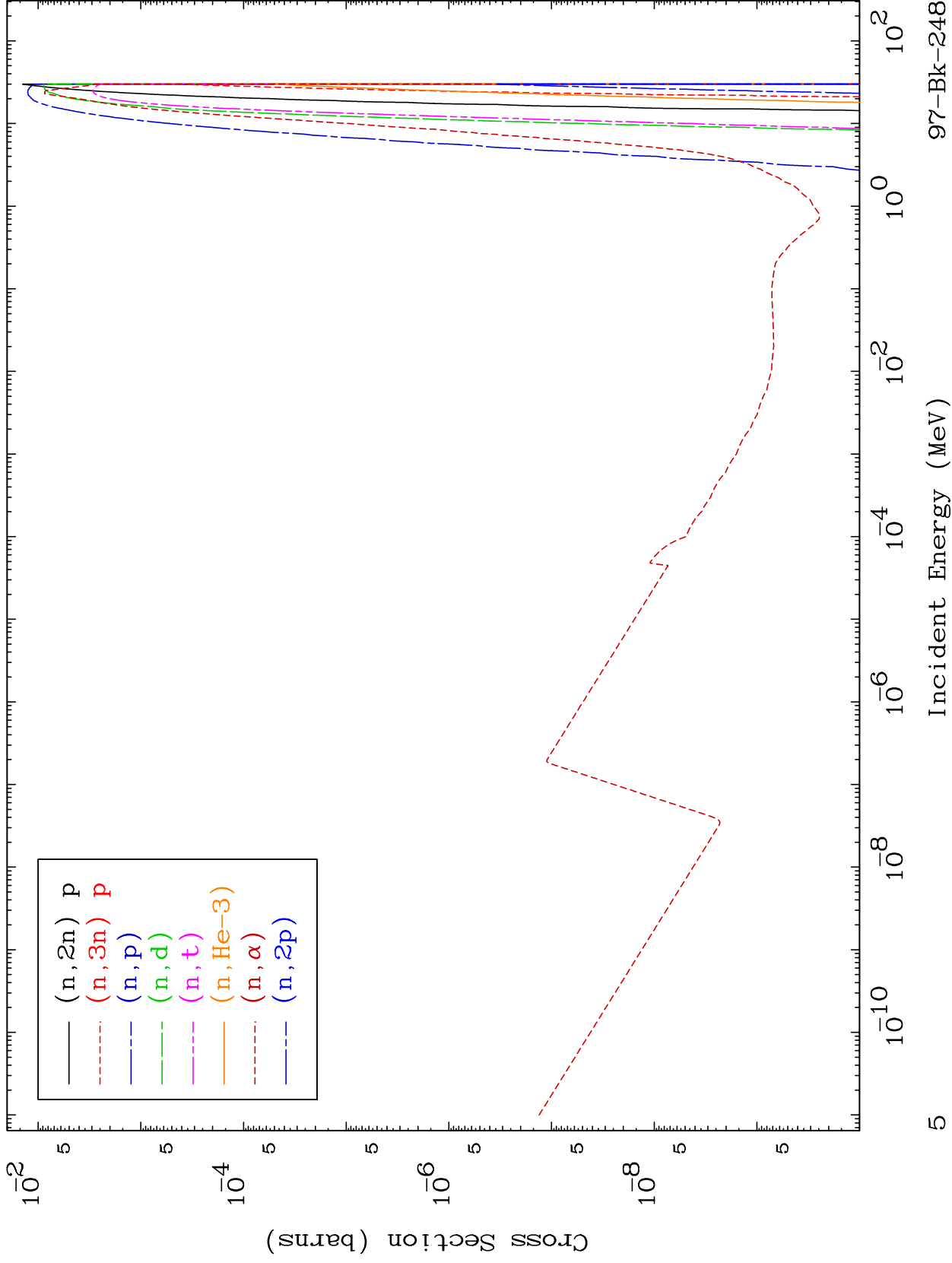
97-Bk-248



MAT 9749

Charged Particle
293 Kelvin Cross Sections

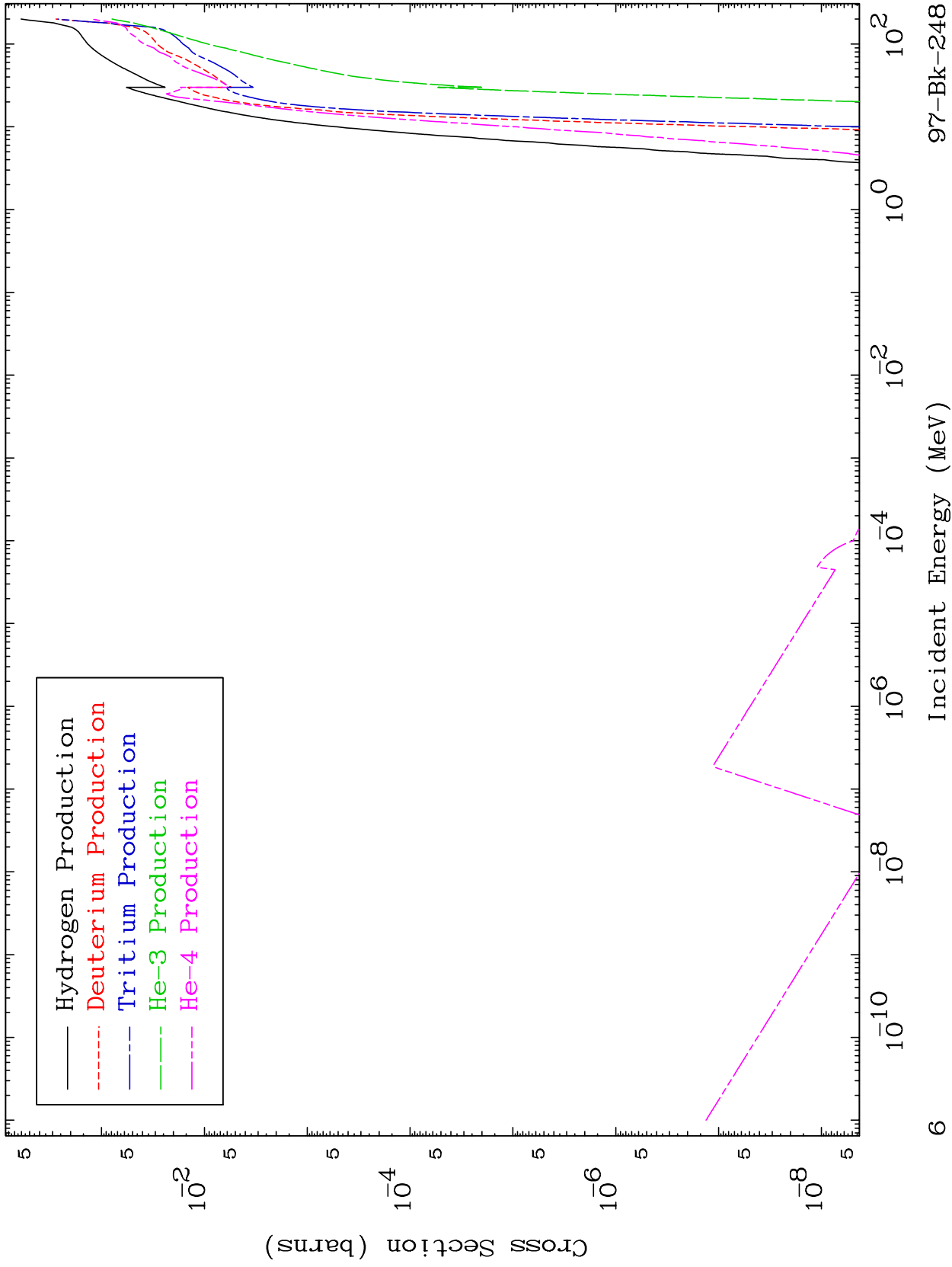
97-Bk-248



MAT 9749

Particle Production
293 Kelvin Cross Sections

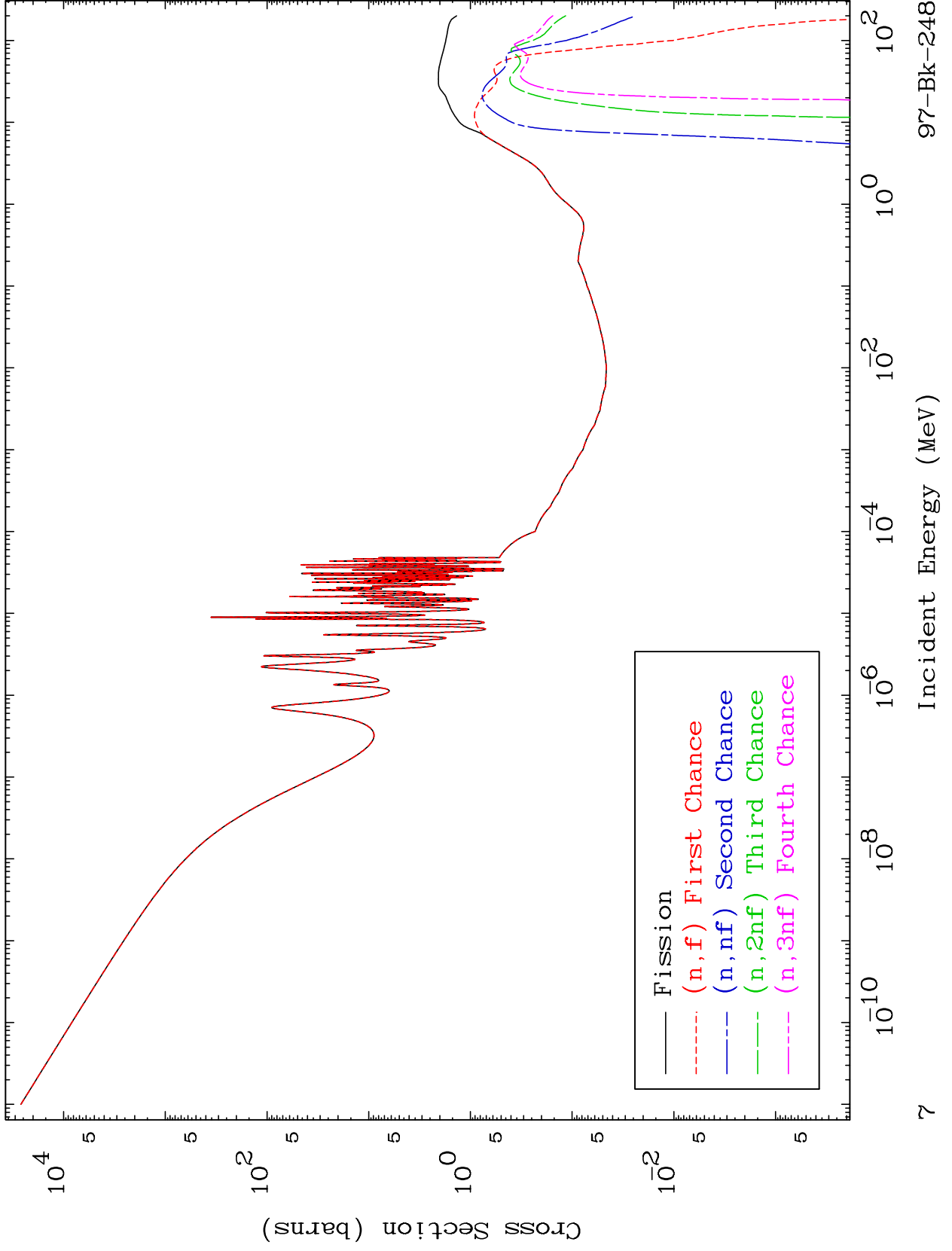
97-Bk-248



MAT 9749

Fission
293 Kelvin Cross Sections

97-Bk-248

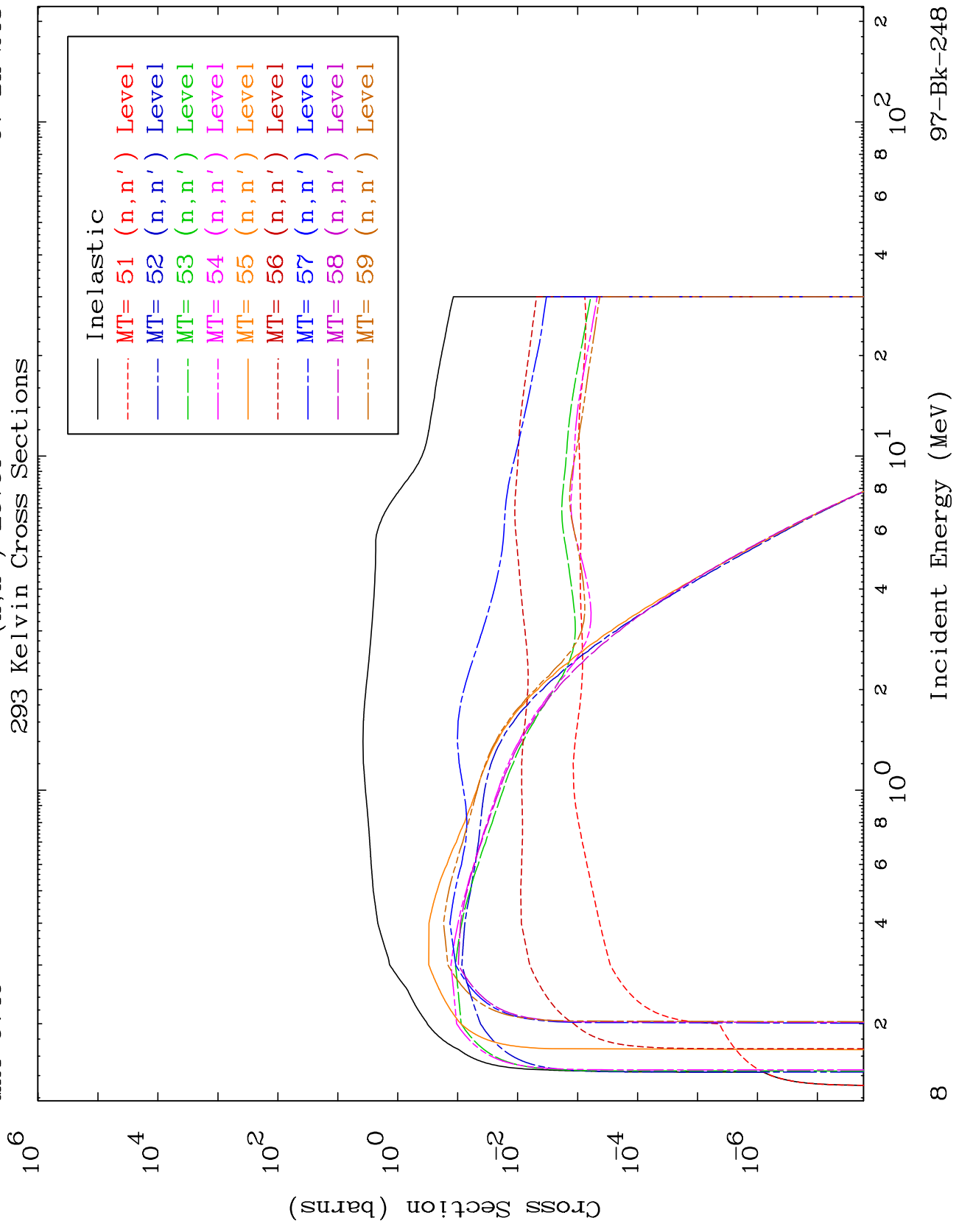


MAT 9749

(n,n') Level

97-Bk-248

293 Kelvin Cross Sections

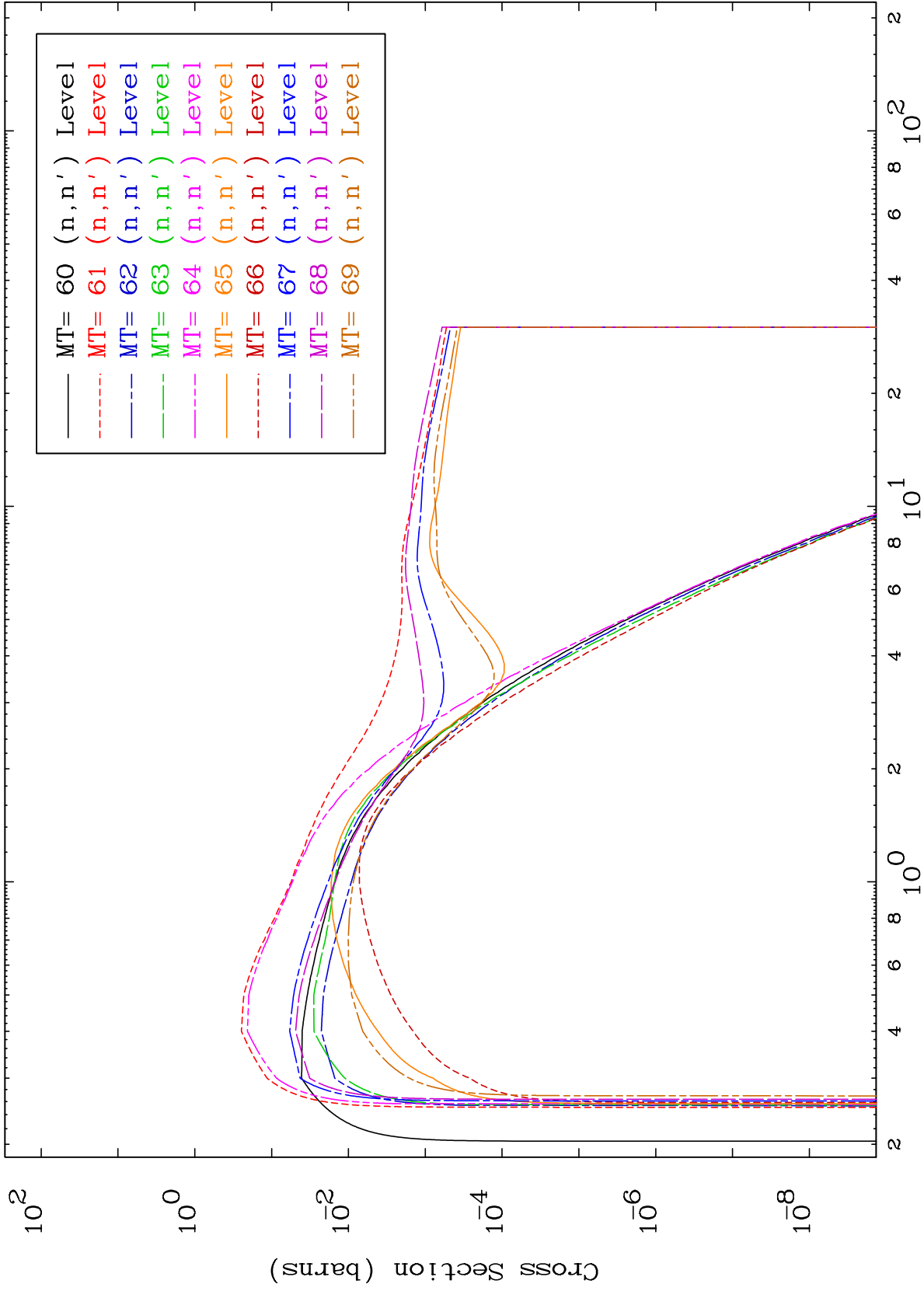


MAT 9749

(n,n') Level

293 Kelvin Cross Sections

97-Bk-248



9

Incident Energy (MeV)

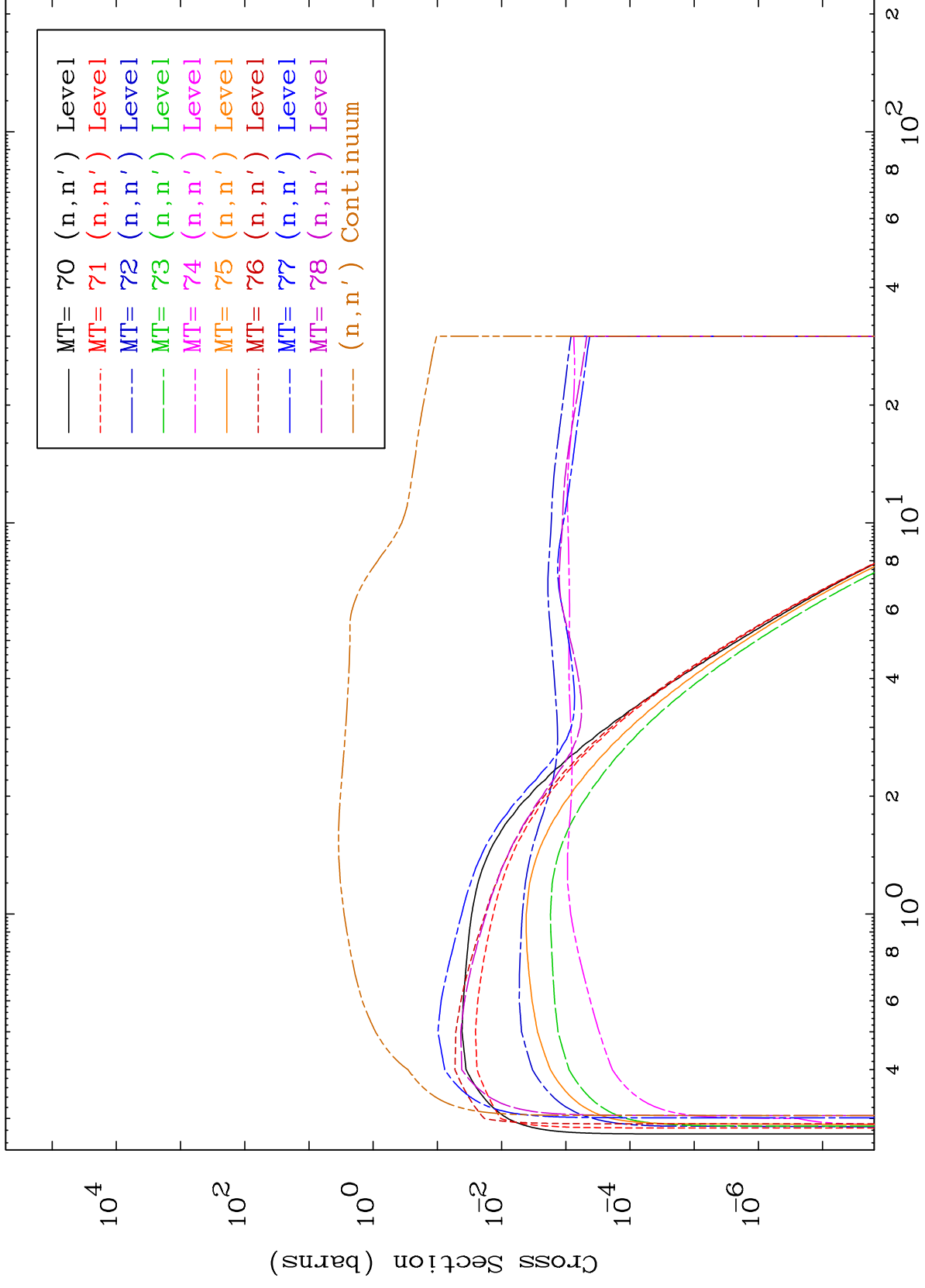
97-Bk-248

MAT 9749

(n,n') Level

97-Bk-248

293 Kelvin Cross Sections



10

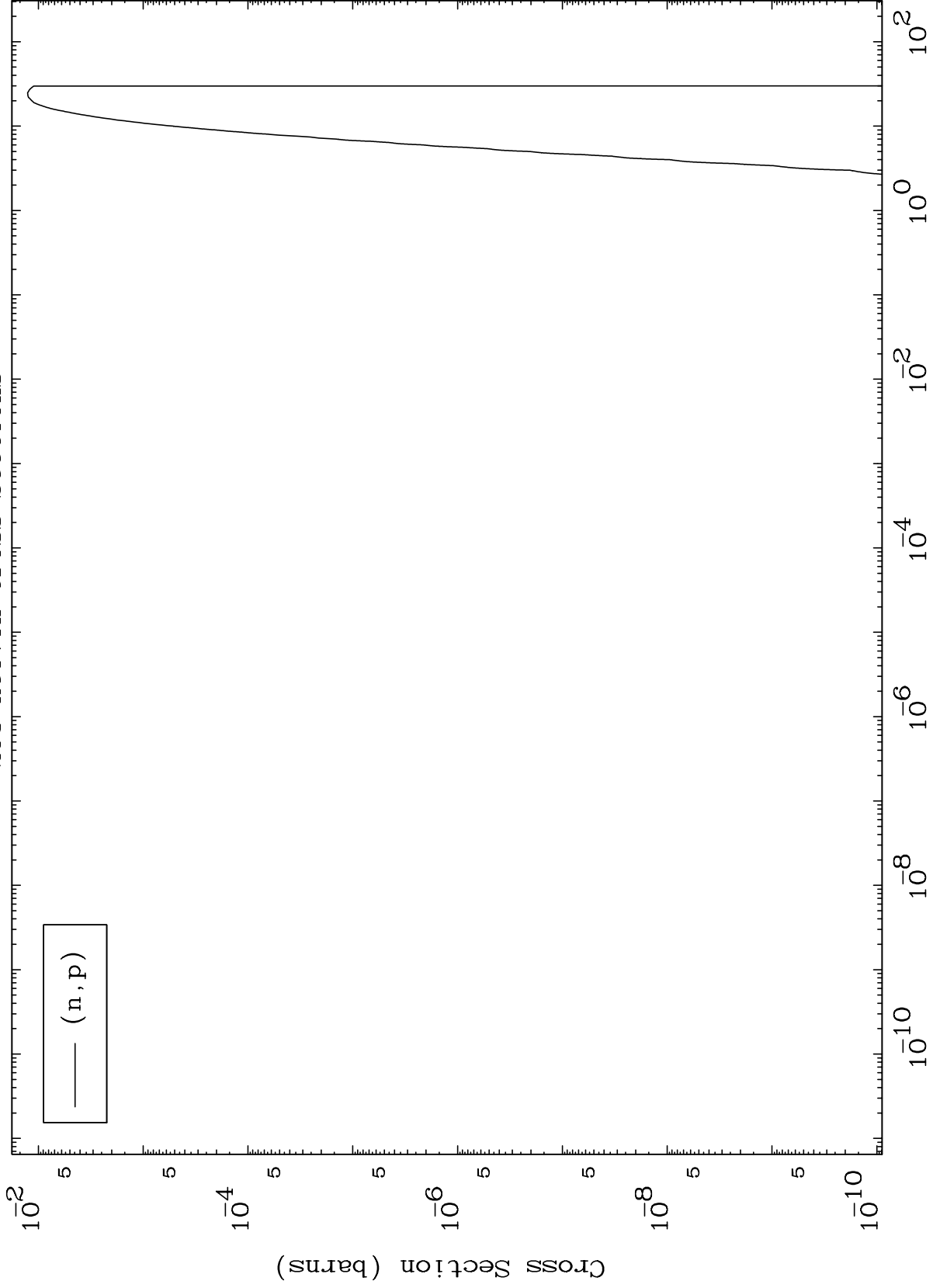
Incident Energy (MeV)

97-Bk-248

MAT 9749

(n,p) Levels
293 Kelvin Cross Sections

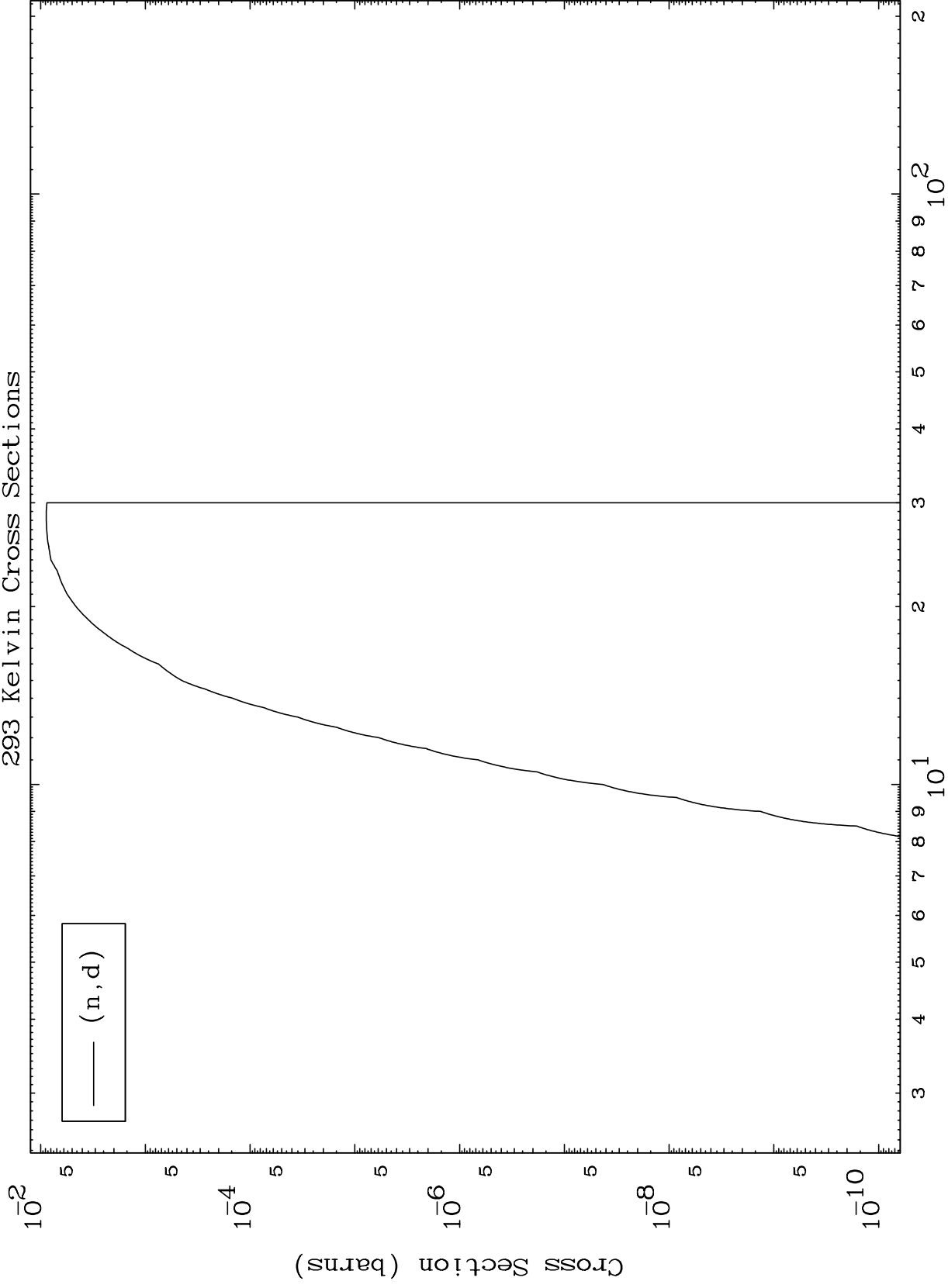
97-Bk-248



MAT 9749

(n,d) Levels
293 Kelvin Cross Sections

97-Bk-248



12

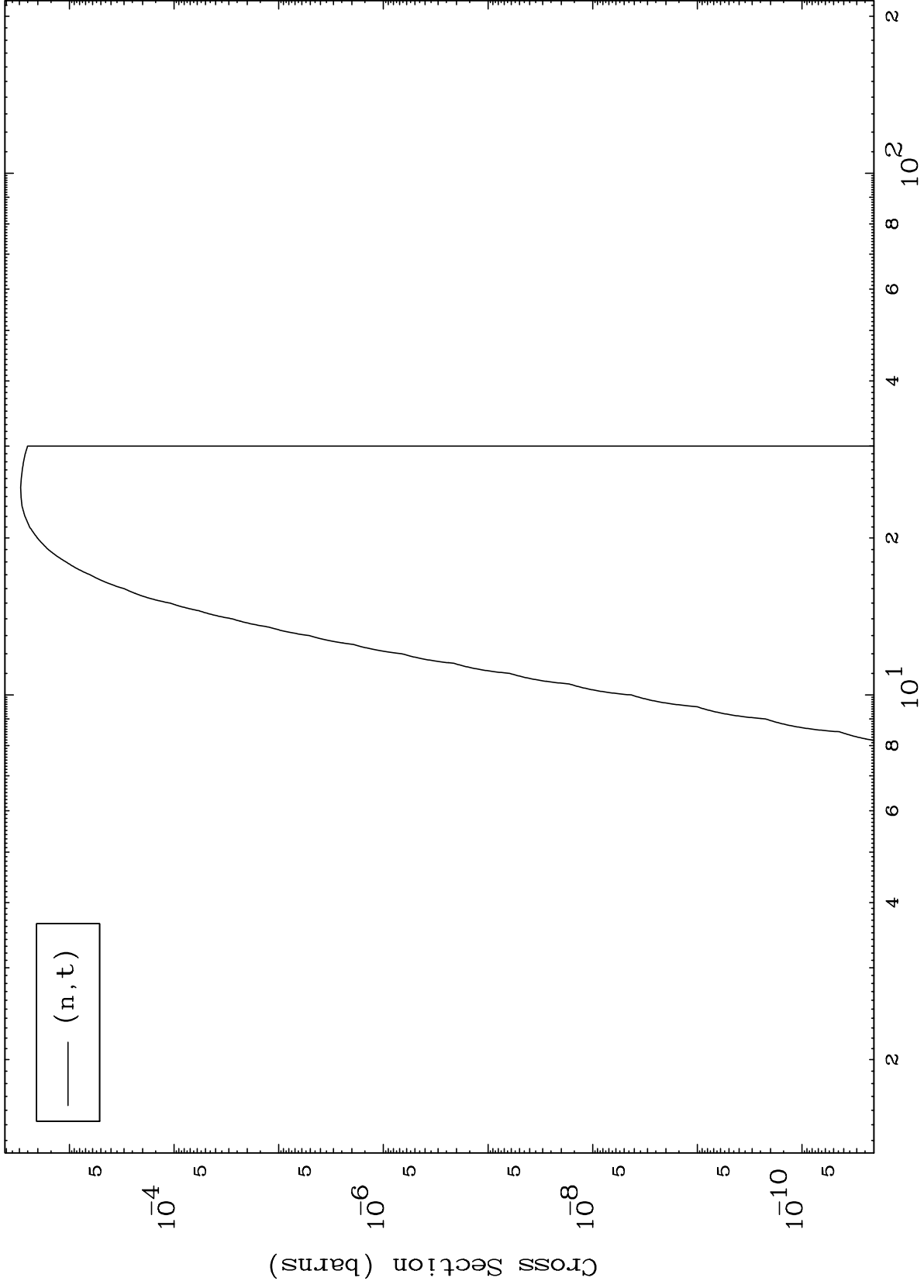
Incident Energy (MeV)

97-Bk-248

MAT 9749

(n,t) Levels
293 Kelvin Cross Sections

97-Bk-248



13

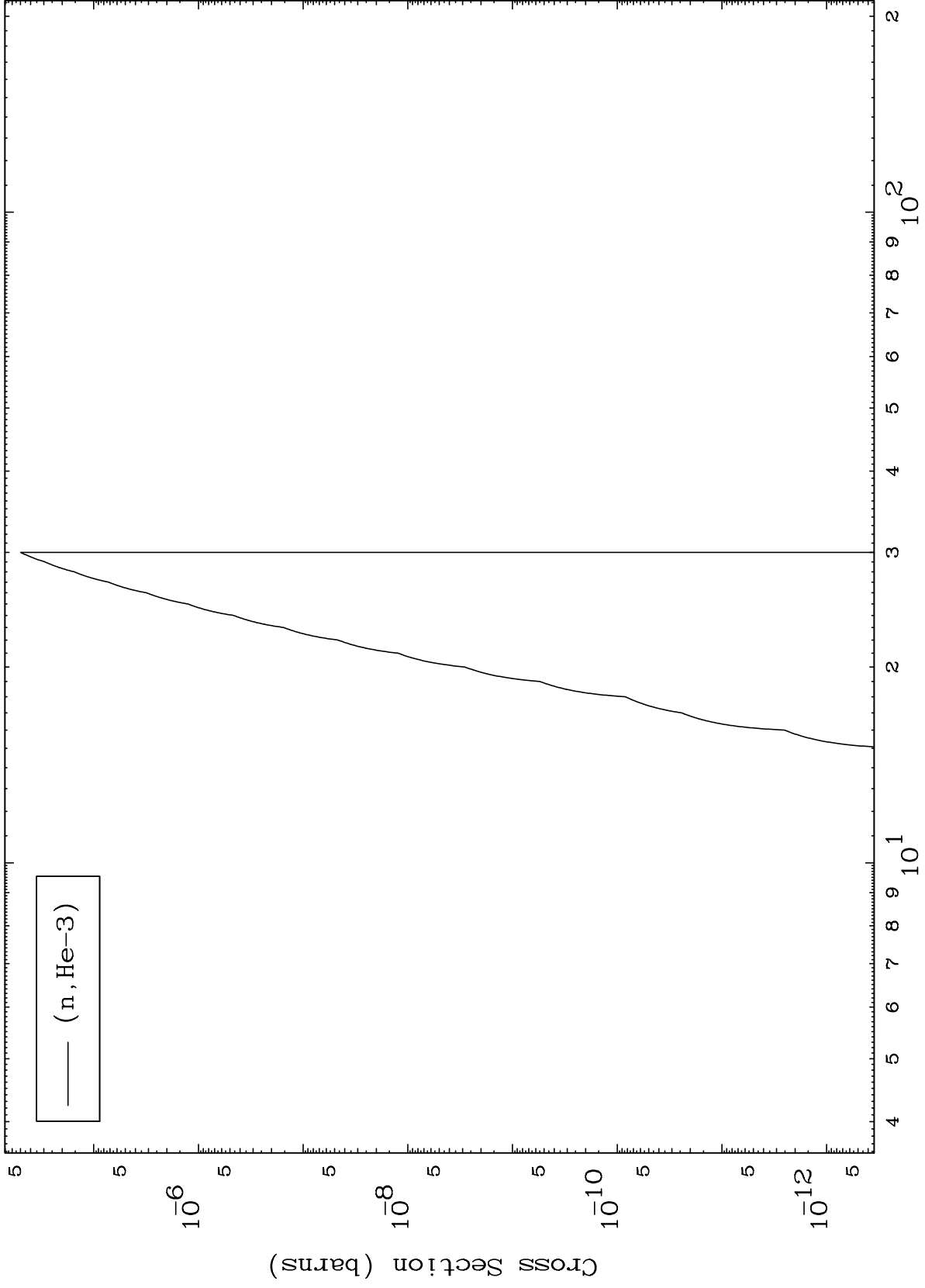
Incident Energy (MeV)

97-Bk-248

MAT 9749

(n,He3) Levels
293 Kelvin Cross Sections

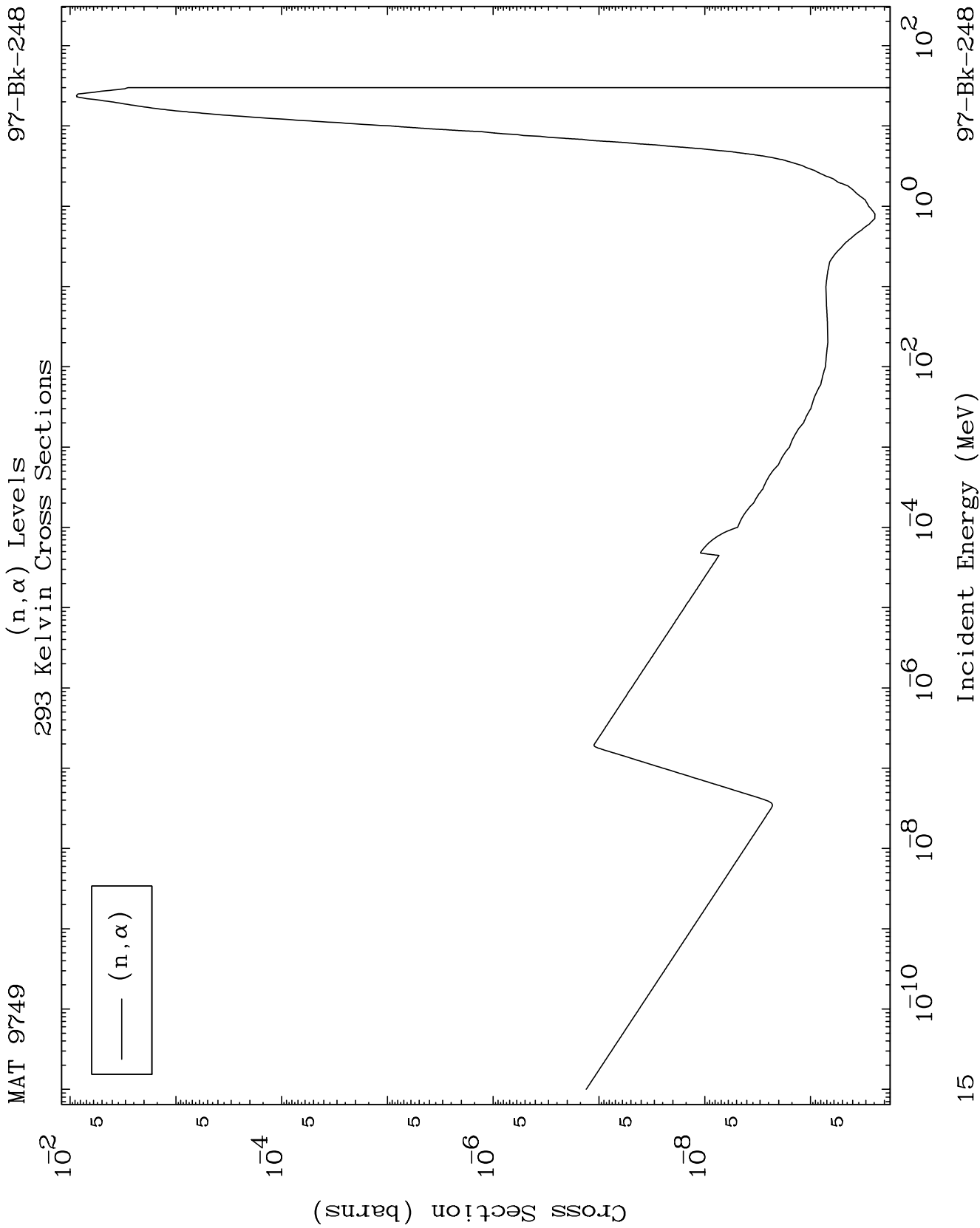
97-Bk-248

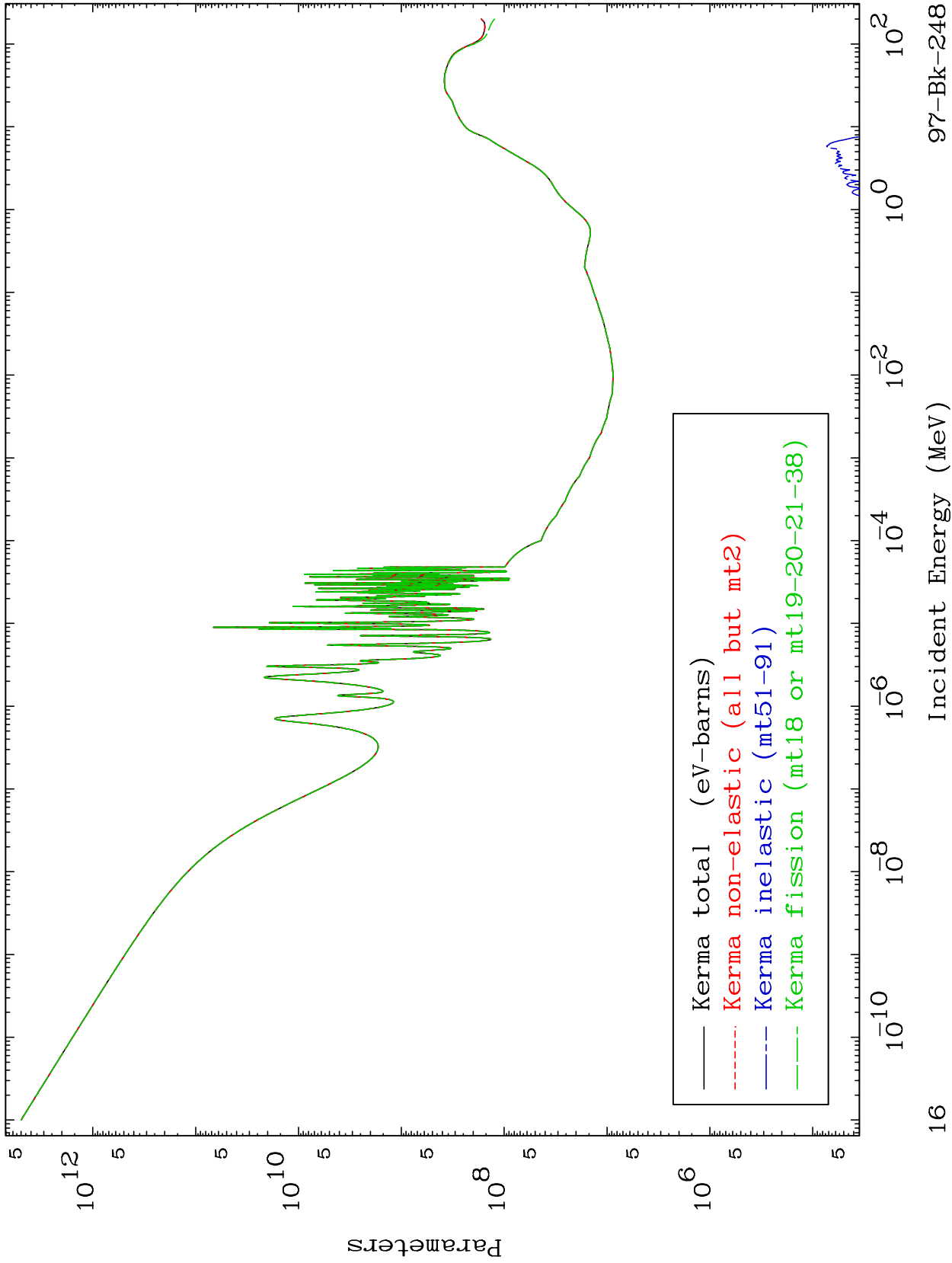


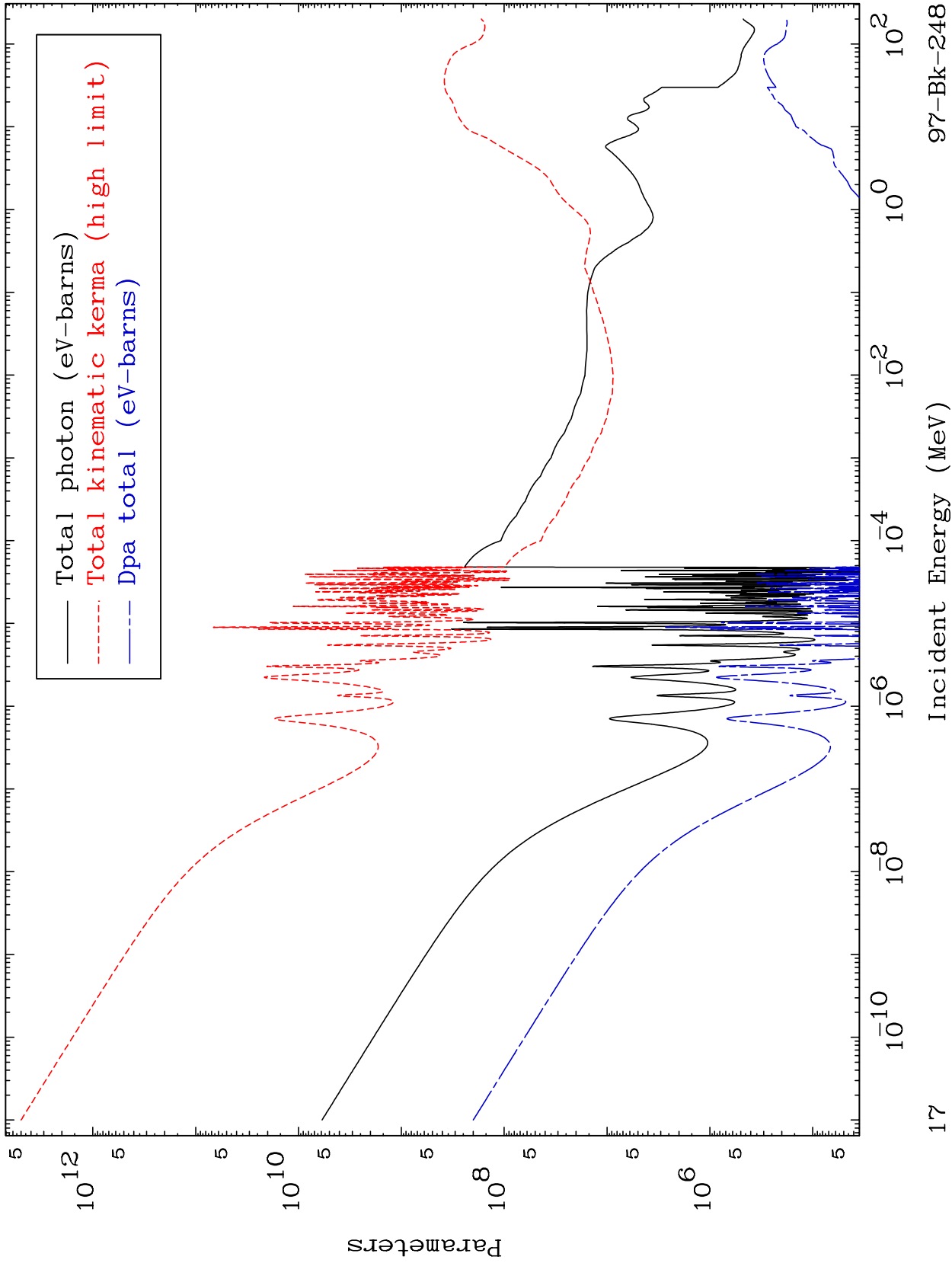
14

Incident Energy (MeV)

97-Bk-248



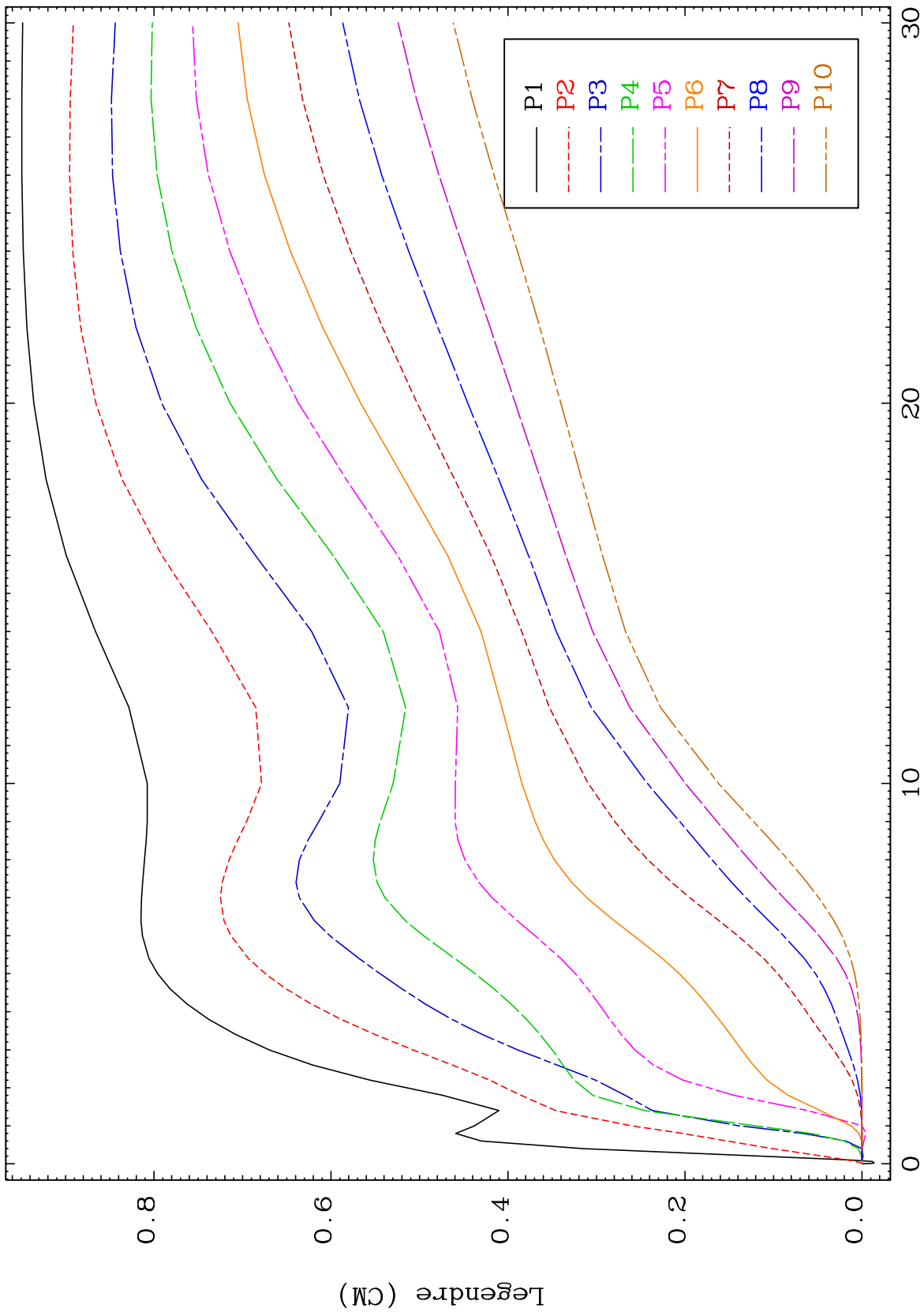




MAT 9749

Elastic Legendre Coefficients

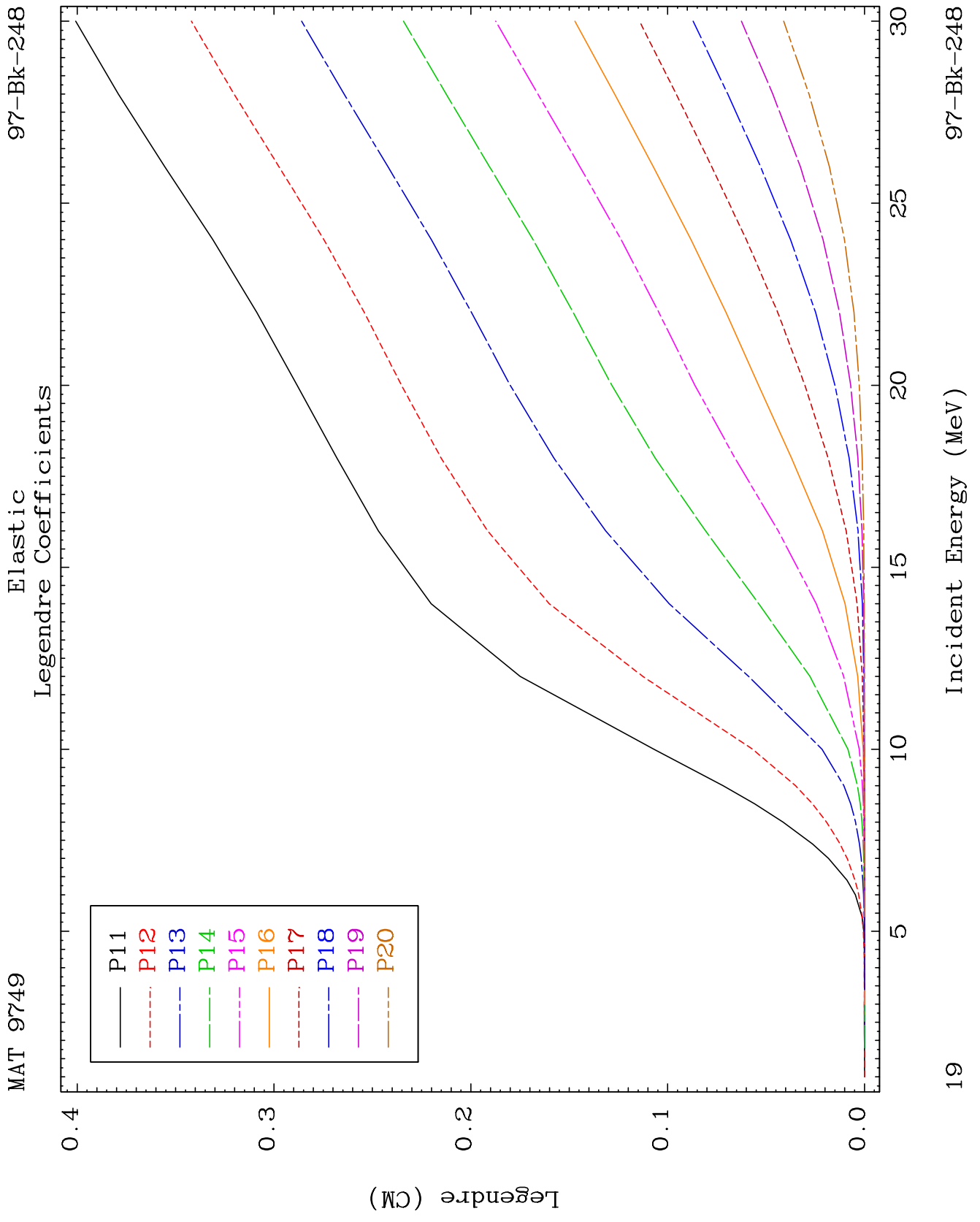
97-Bk-248



18

Incident Energy (MeV)

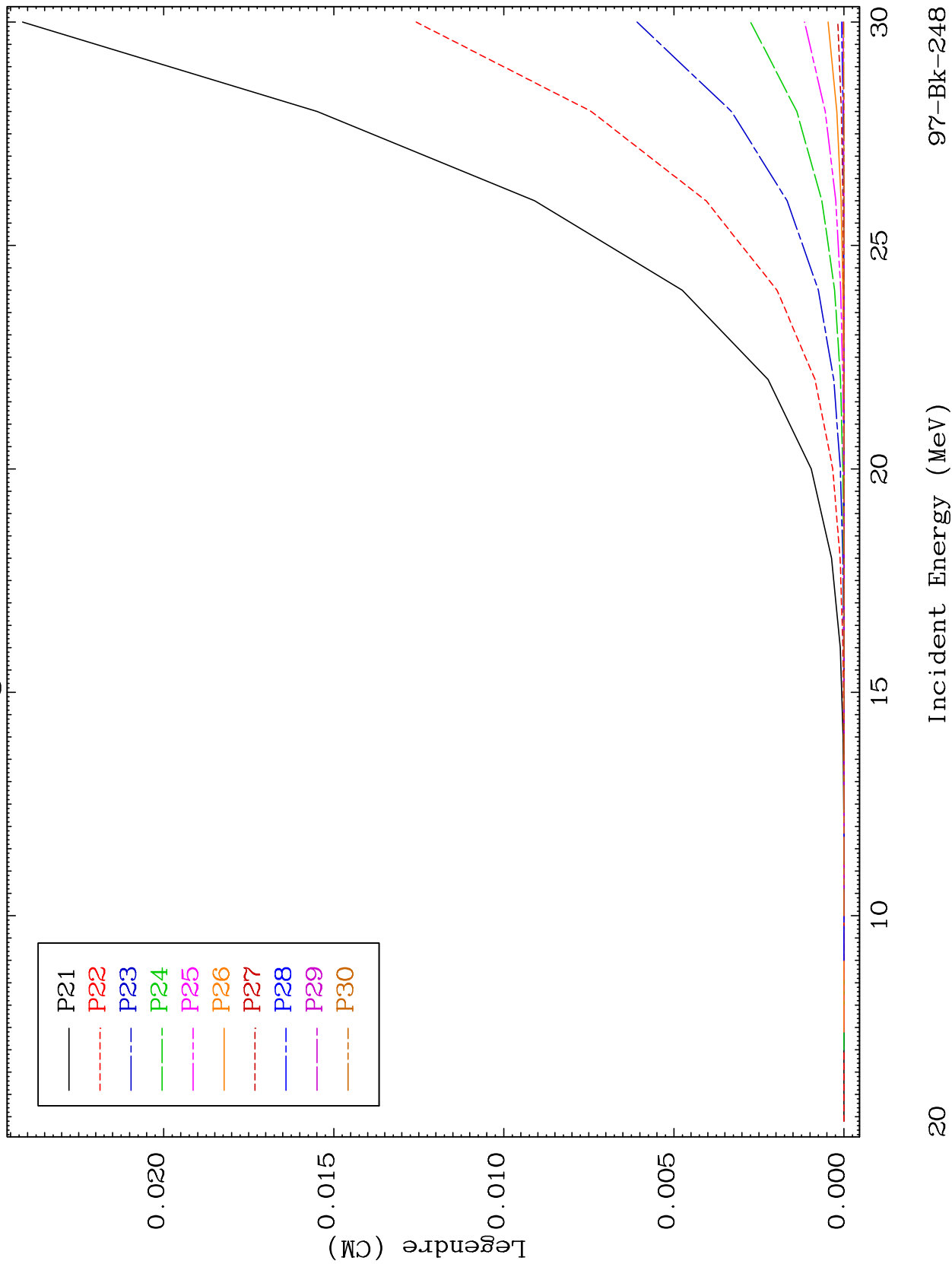
97-Bk-248



MAT 9749

Elastic Legendre Coefficients

97-Bk-248



20

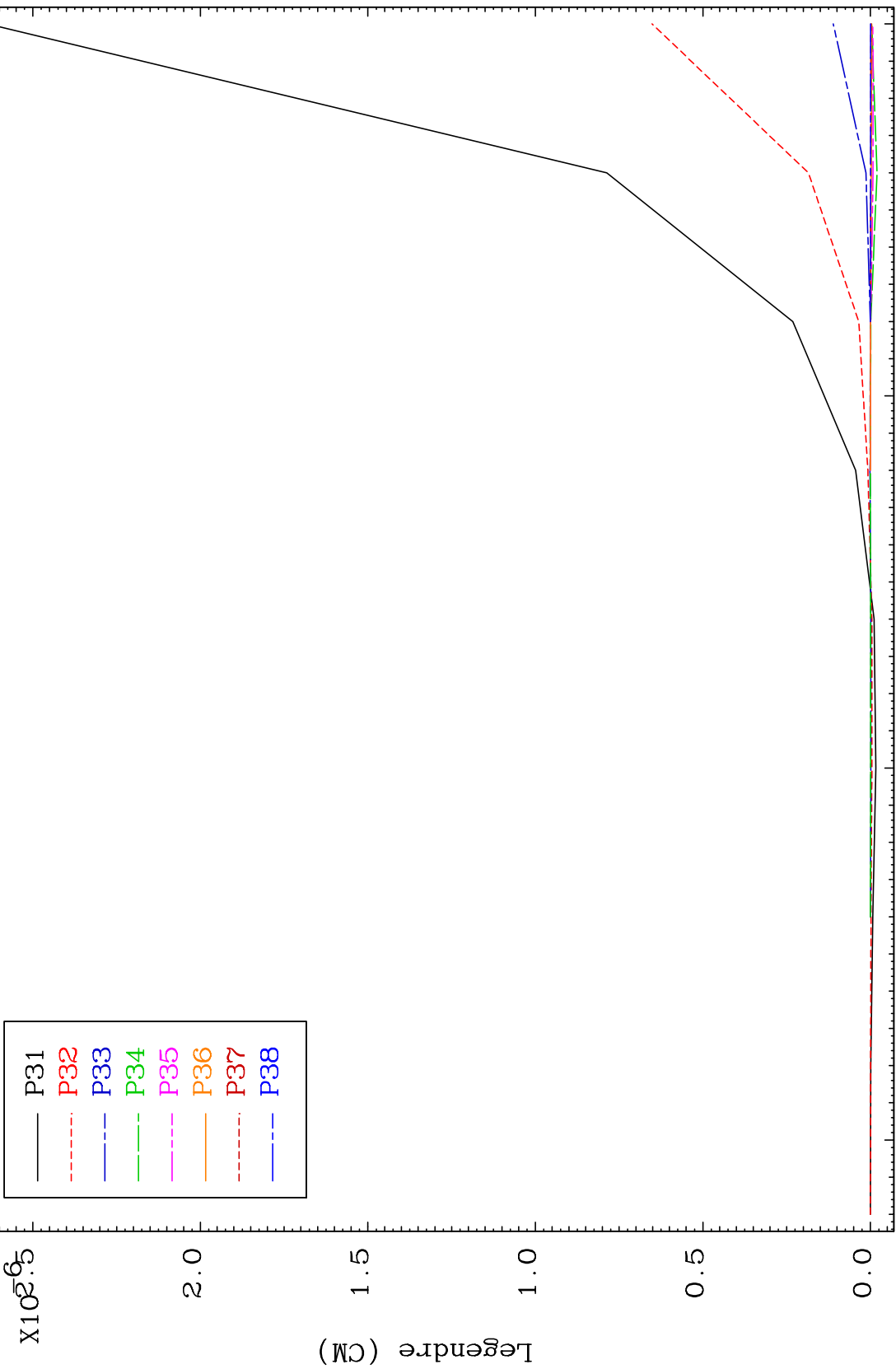
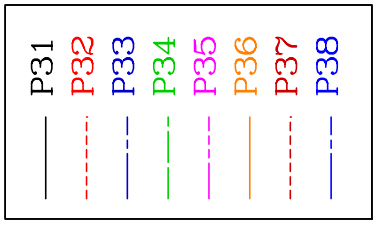
Incident Energy (MeV)

97-Bk-248

MAT 9749

Elastic Legendre Coefficients

97-Bk-248

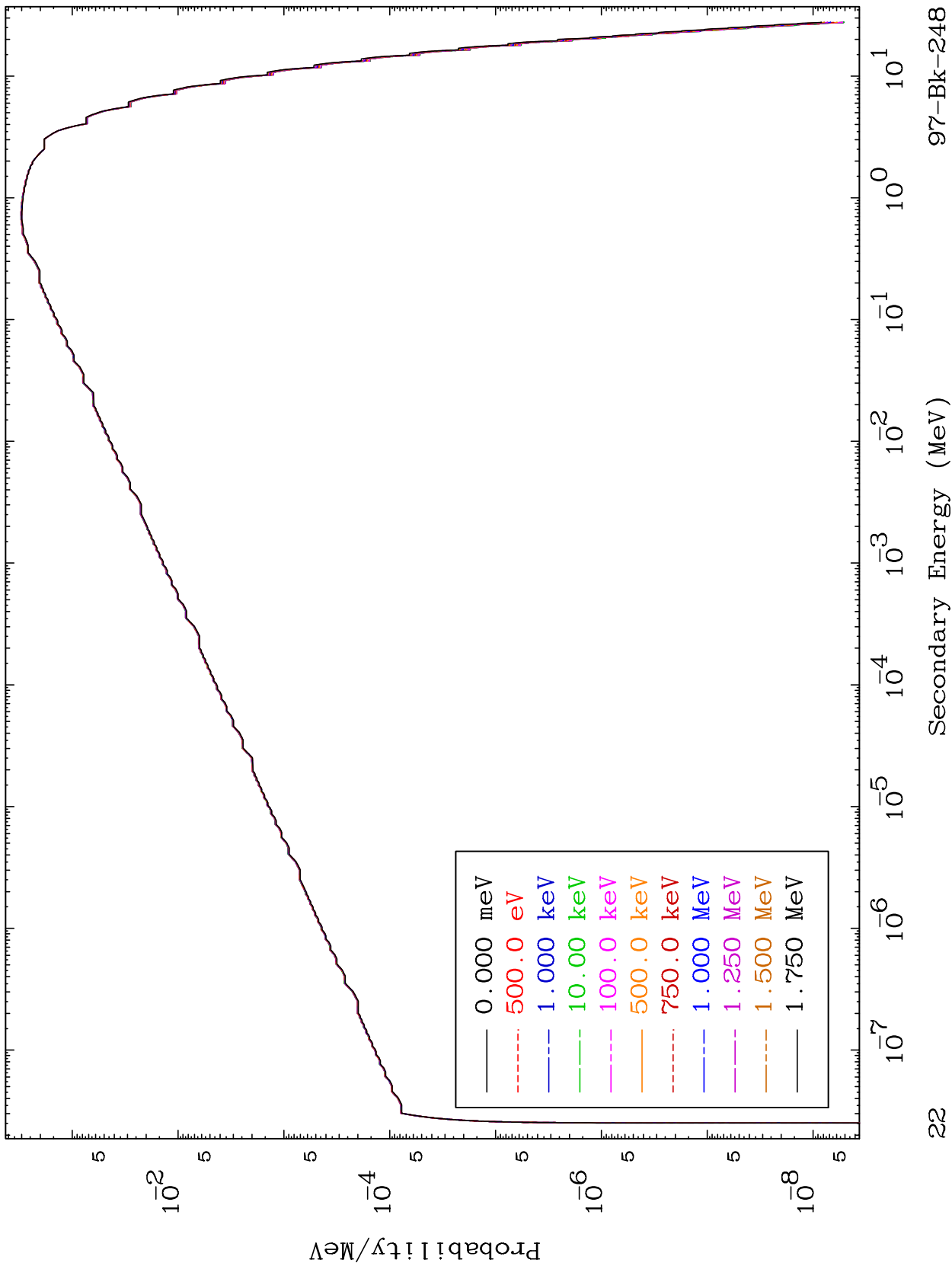


21

Incident Energy (MeV)

97-Bk-248

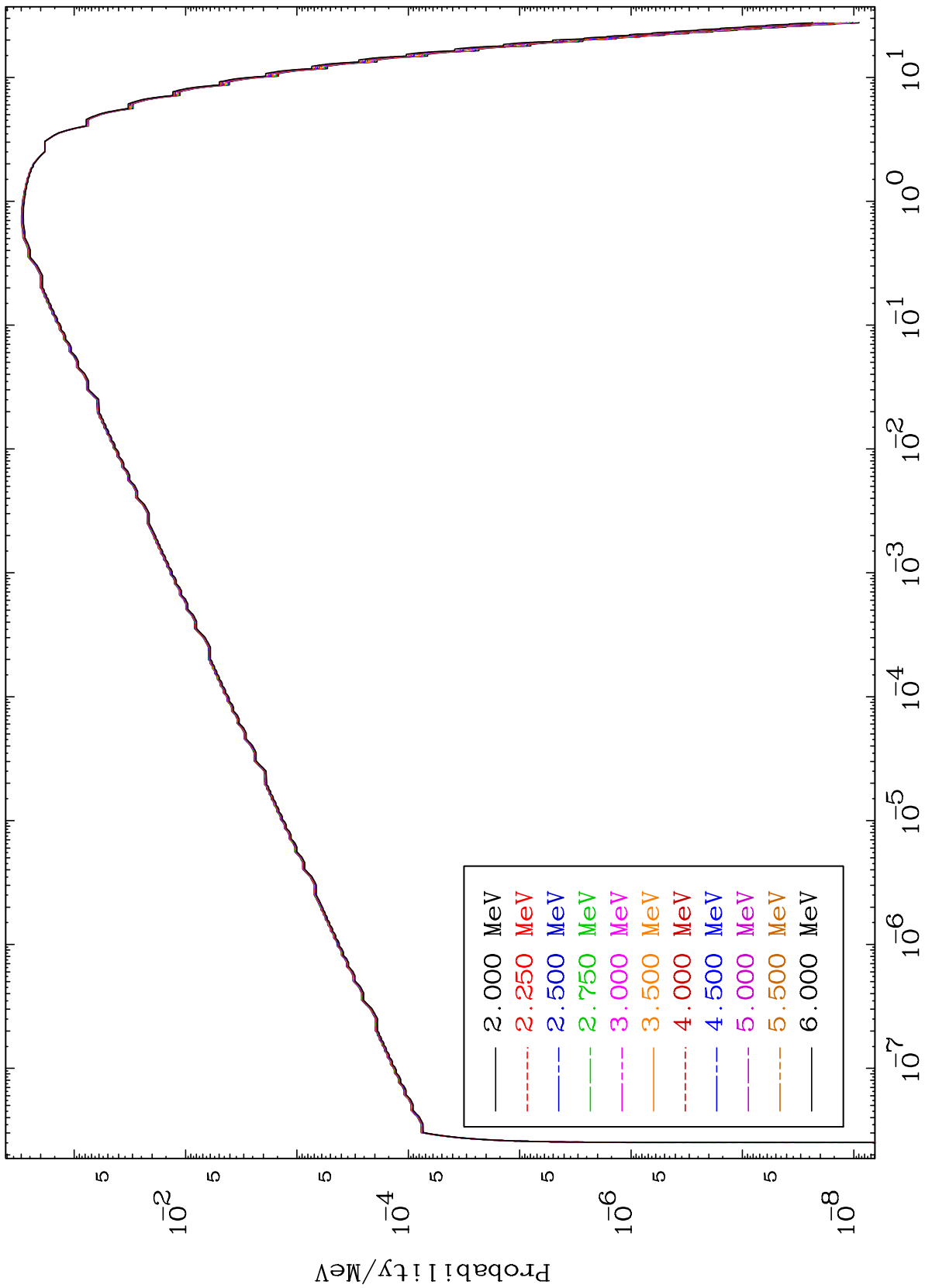
Fission Energy Distribution



MAT 9749

Fission Energy Distribution

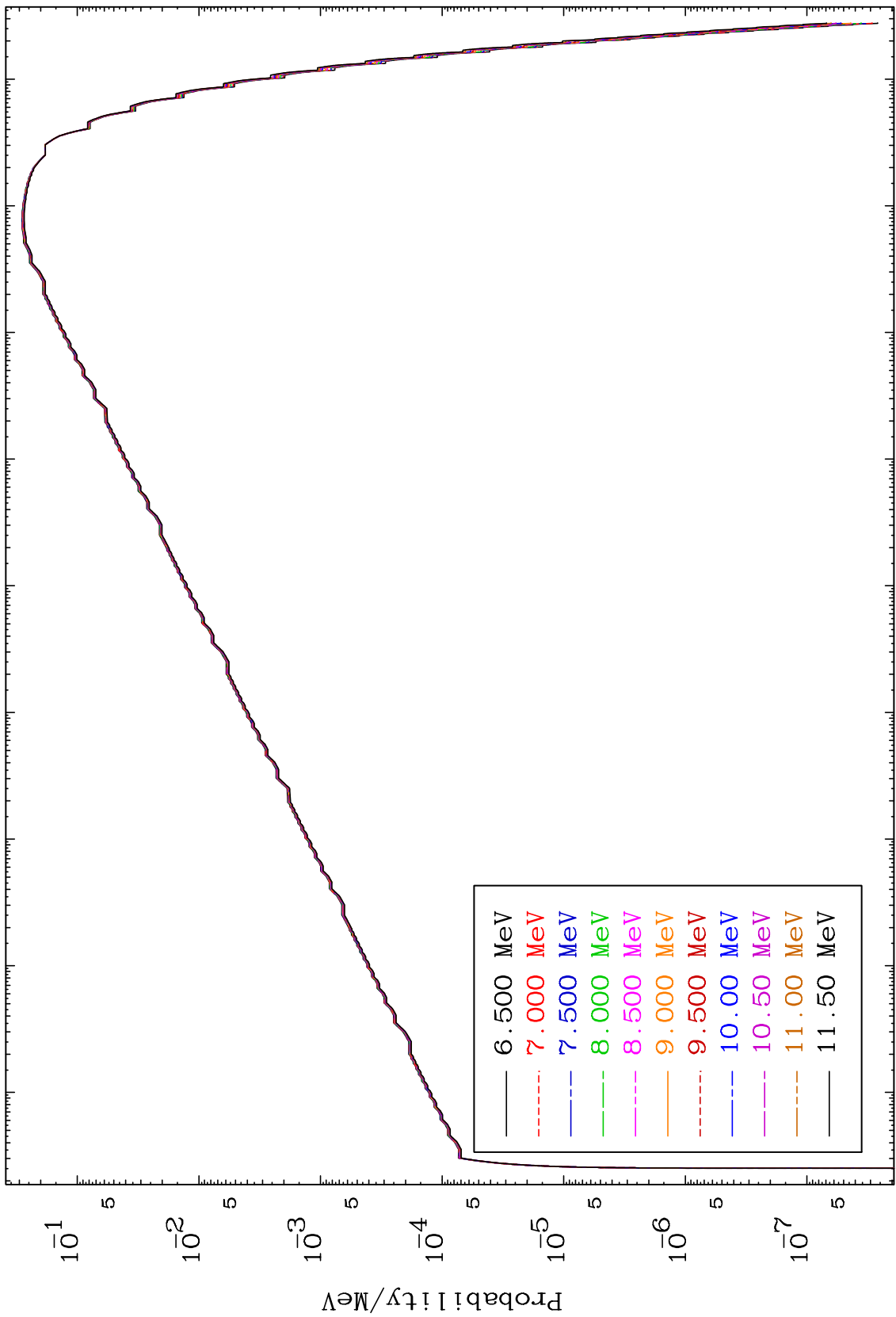
97-Bk-248



MAT 9749

Fission Energy Distribution

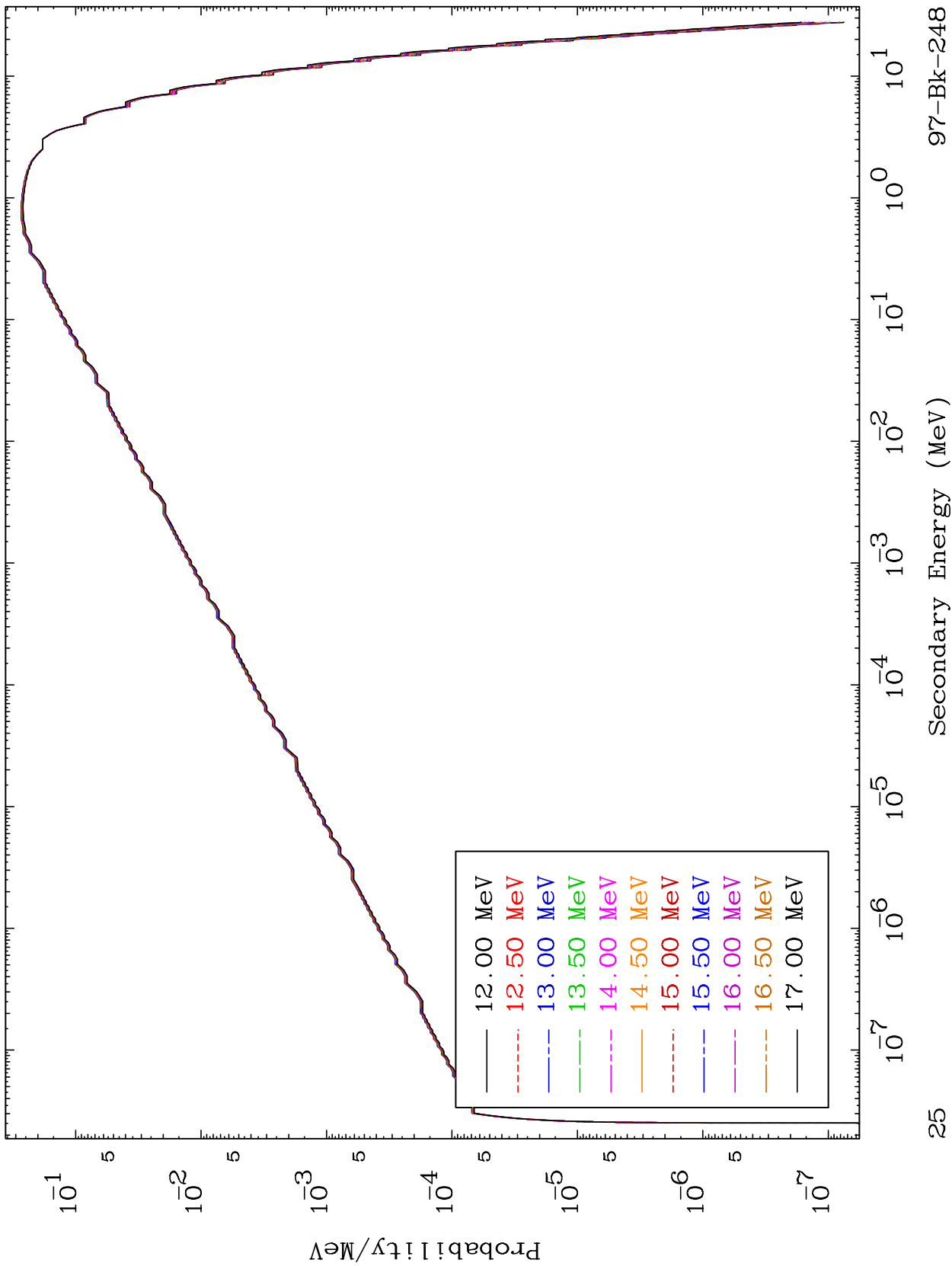
97-Bk-248



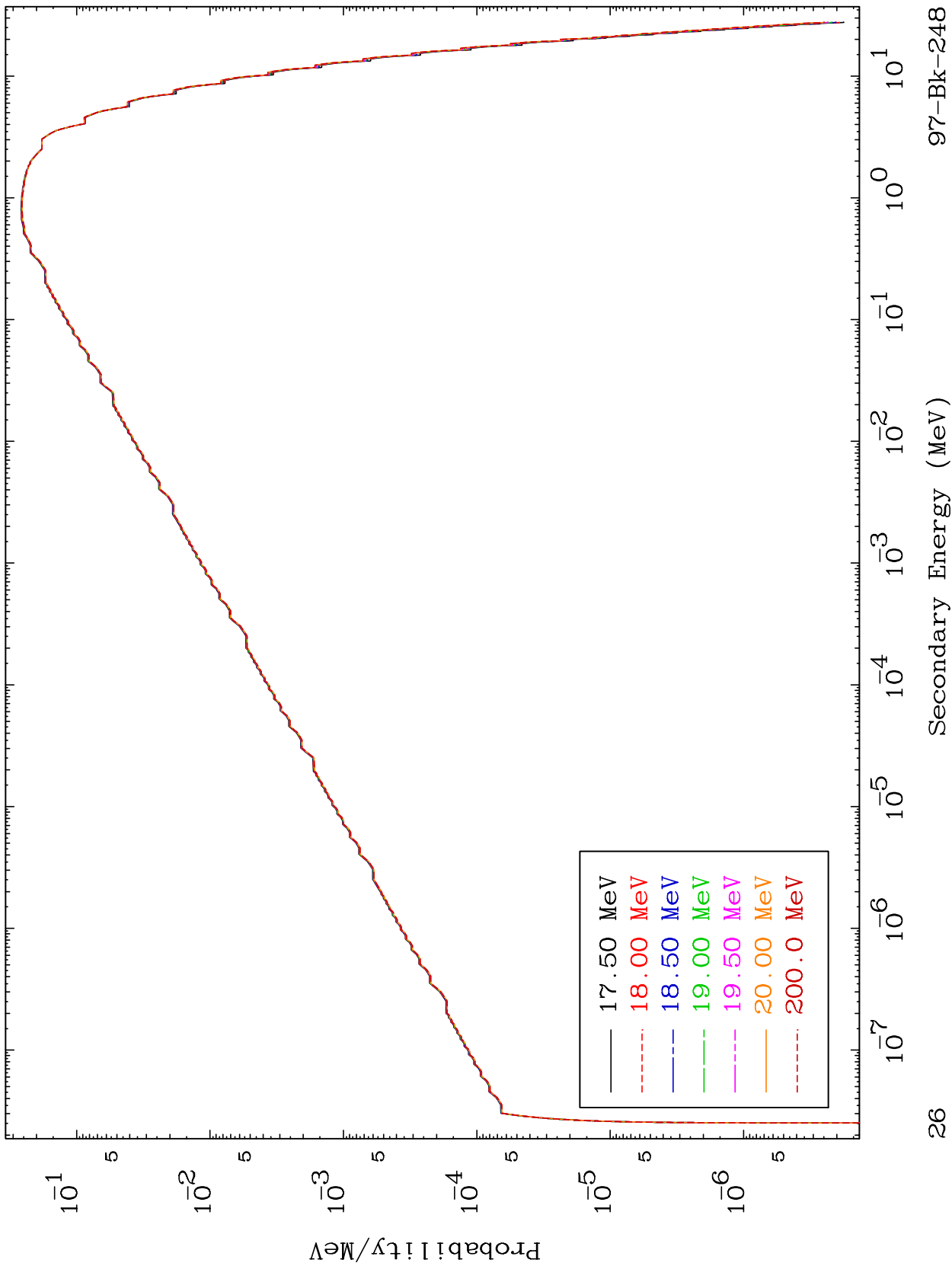
MAT 9749

Fission Energy Distribution

97-Bk-248



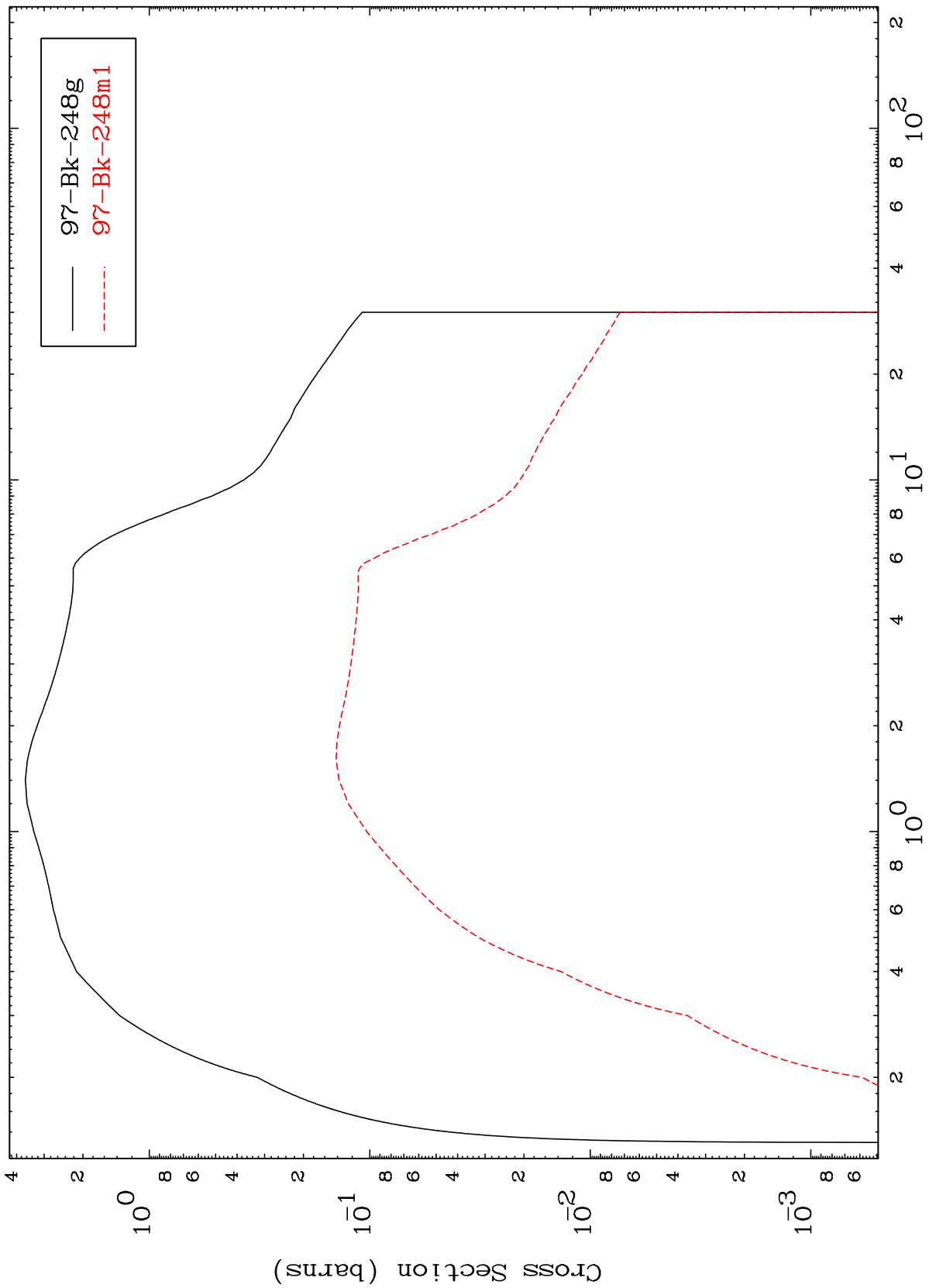
Fission Energy Distribution



MAT 9749

97-Bk-248

Inelastic
Radionuclide Production Cross Section



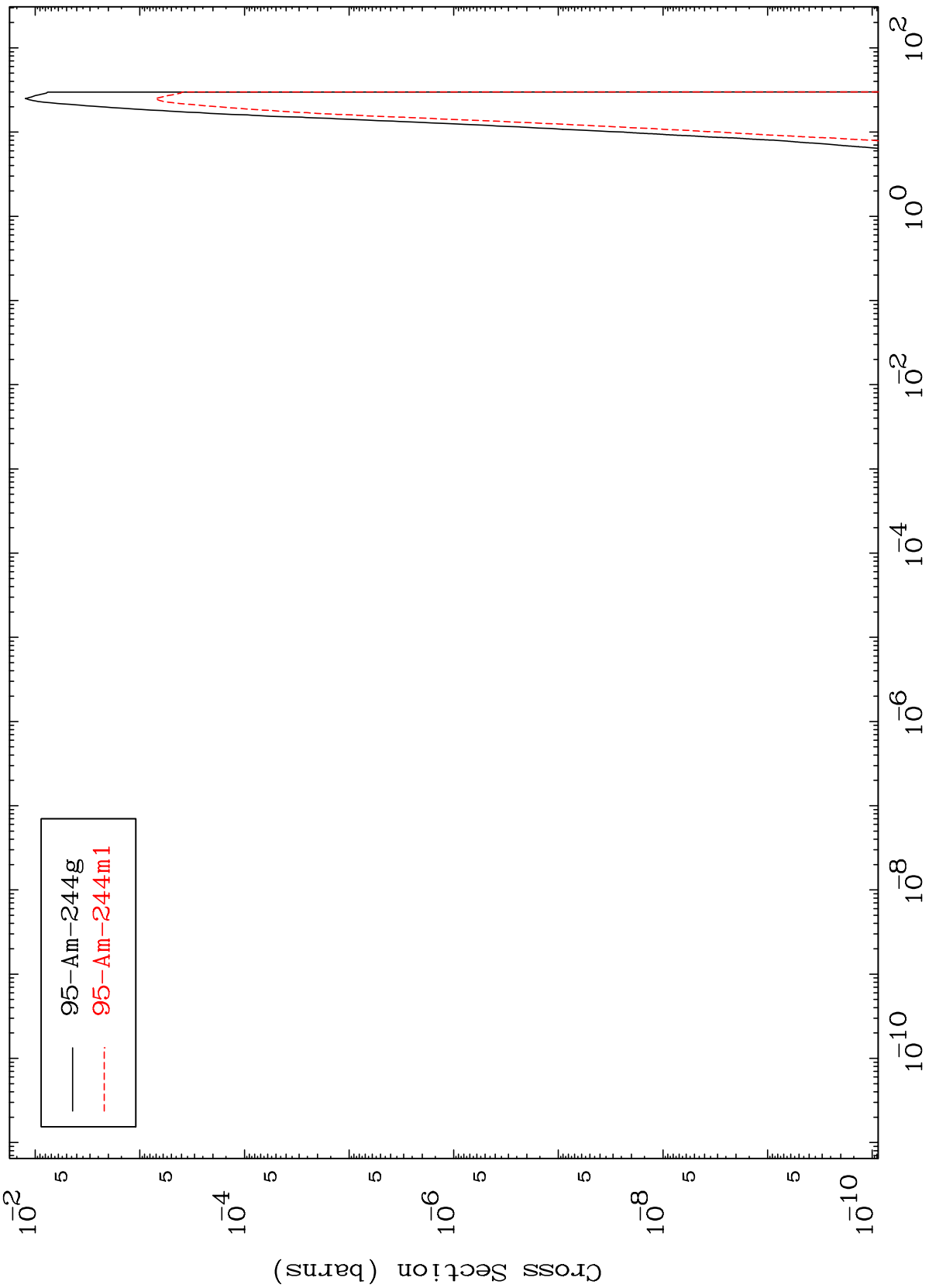
— 97-Bk-248g
- - - 97-Bk-248m1

MAT 9749

(n,n') α

97-Bk-248

Radionuclide Production Cross Section



95-Am-244g
95-Am-244m1

Incident Energy (MeV)

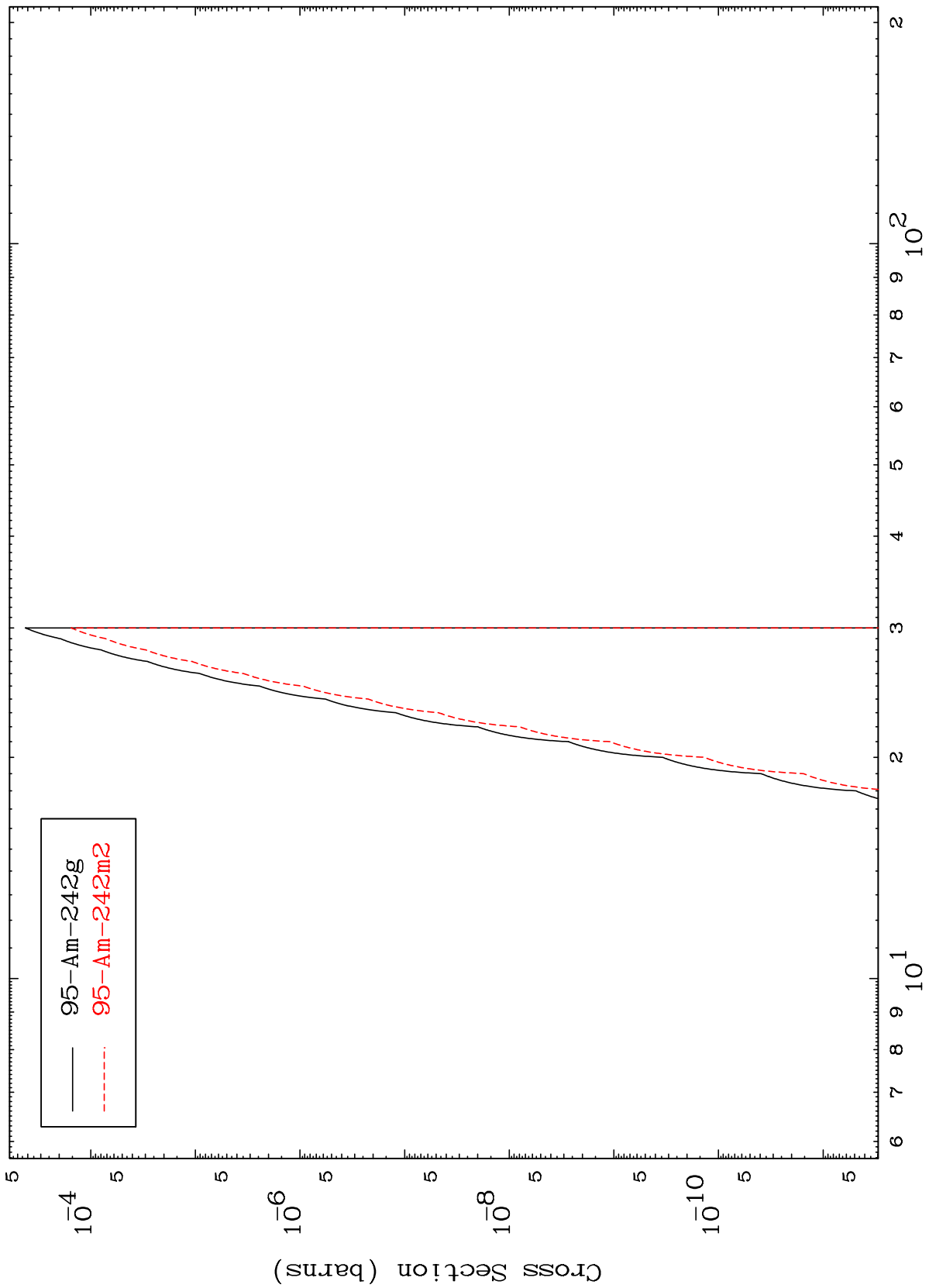
97-Bk-248

MAT 9749

(n,3n) α

97-Bk-248

Radionuclide Production Cross Section



29

Incident Energy (MeV)

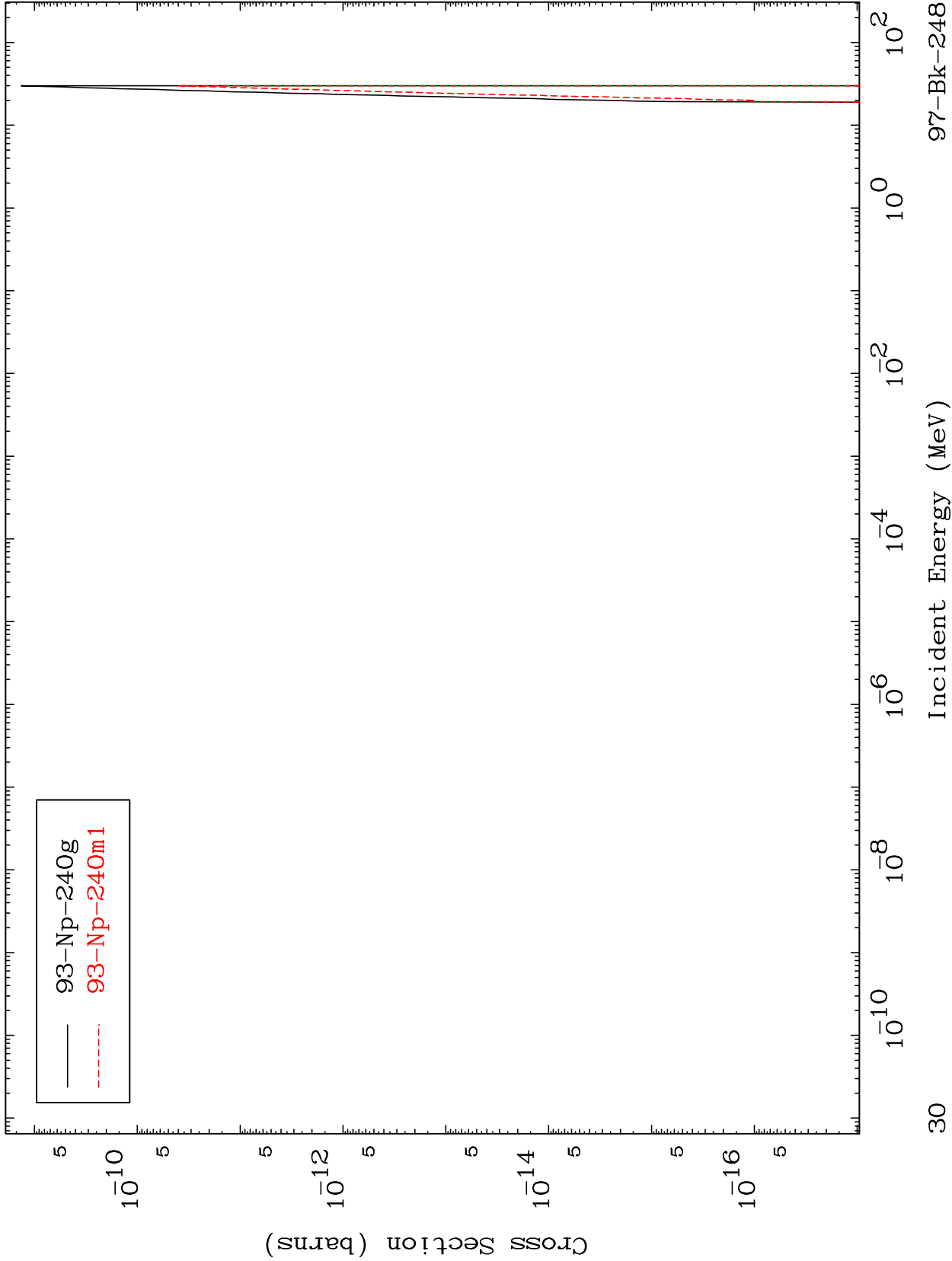
97-Bk-248

MAT 9749

(n,n') 2 α

97-Bk-248

Radionuclide Production Cross Section



30

Incident Energy (MeV)

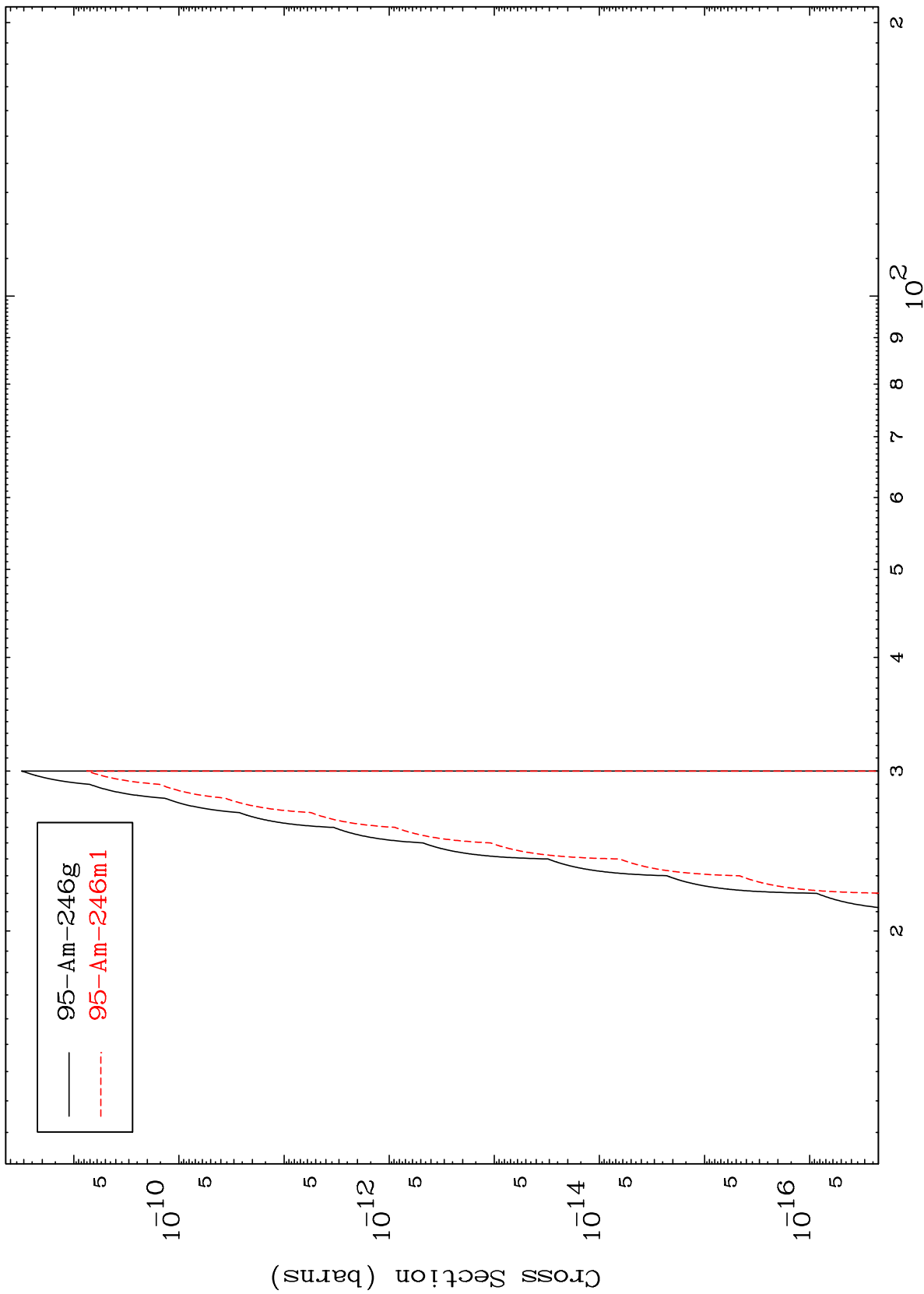
97-Bk-248

MAT 9749

(n,2n) p

97-Bk-248

Radionuclide Production Cross Section



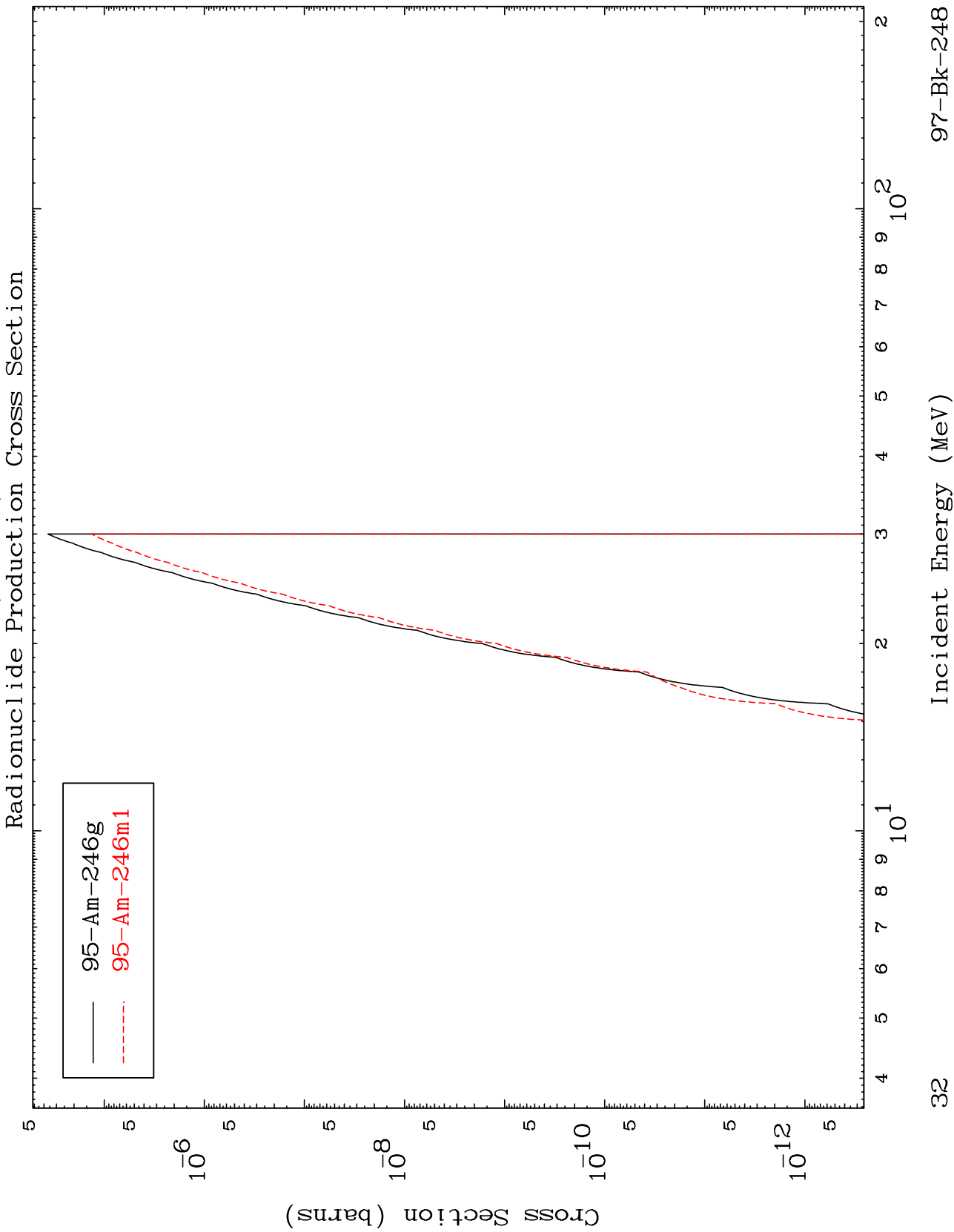
31

Incident Energy (MeV)

97-Bk-248

MAT 9749

97-Bk-248



97-Bk-248

Incident Energy (MeV)

32