

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

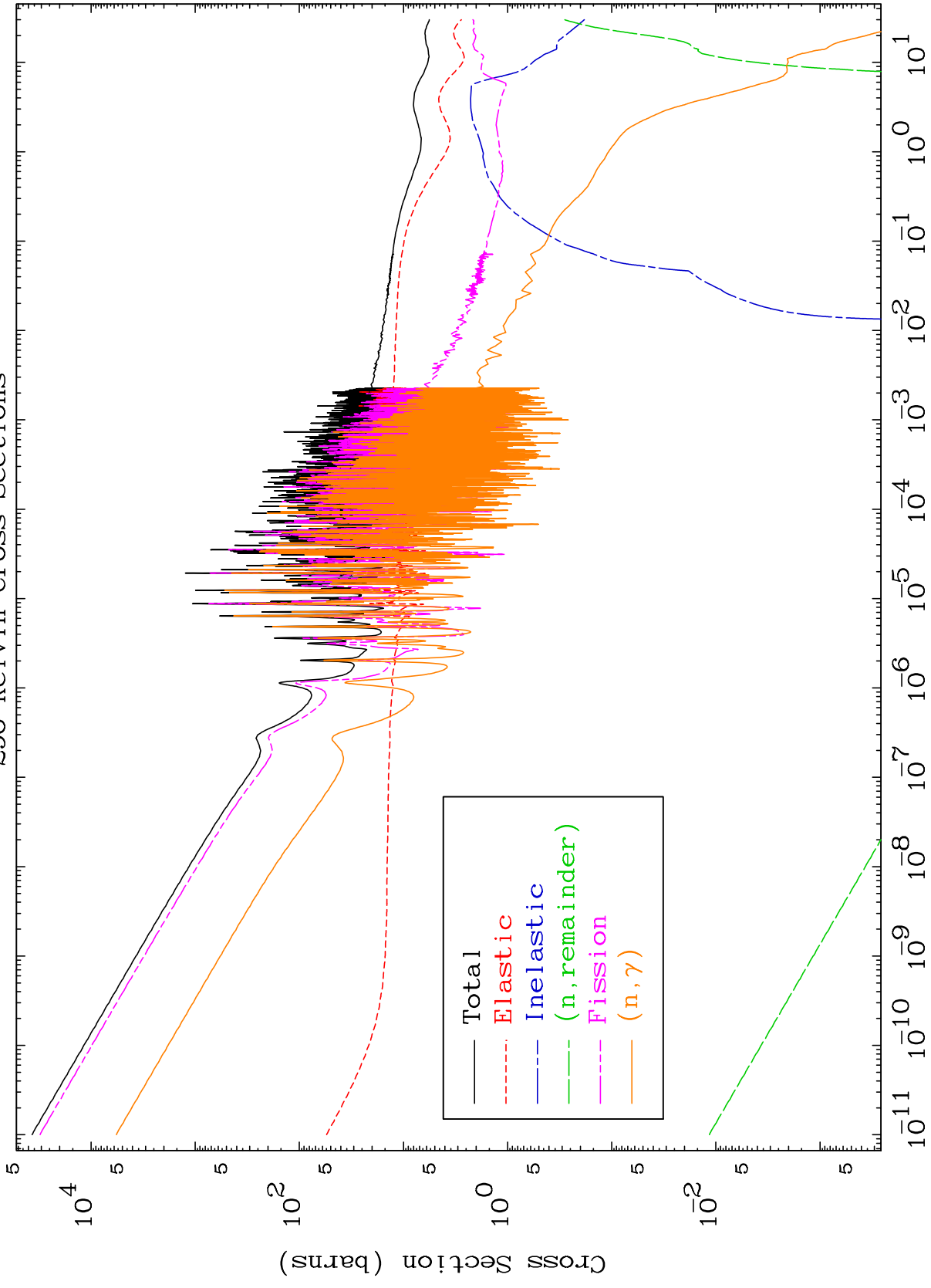
E.Mail: redcullen1@comcast.net
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 9228

Major
296 Kelvin Cross Sections

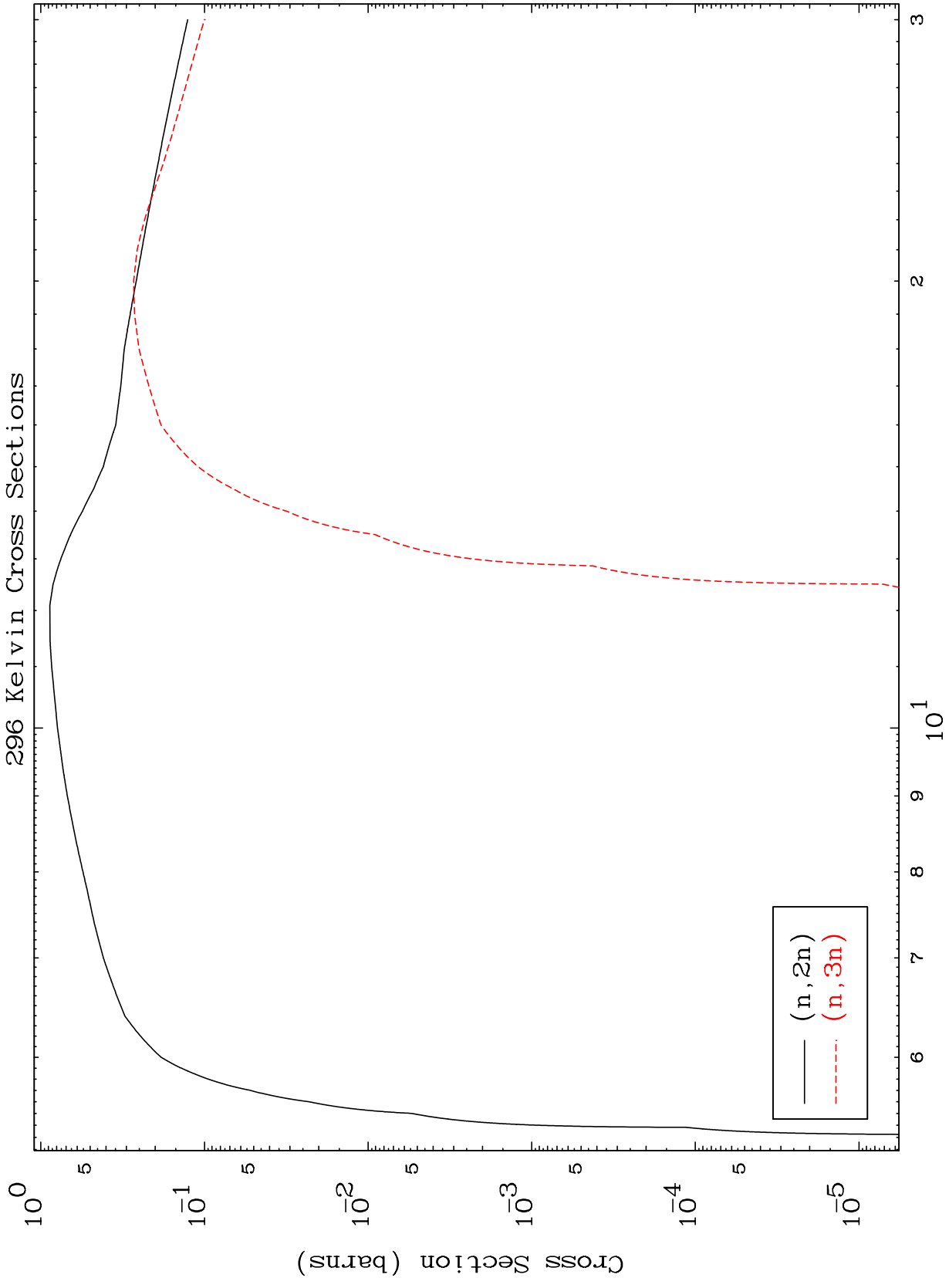
92-U -235



MAT 9228

Neutron Production
296 Kelvin Cross Sections

92-U -235



2

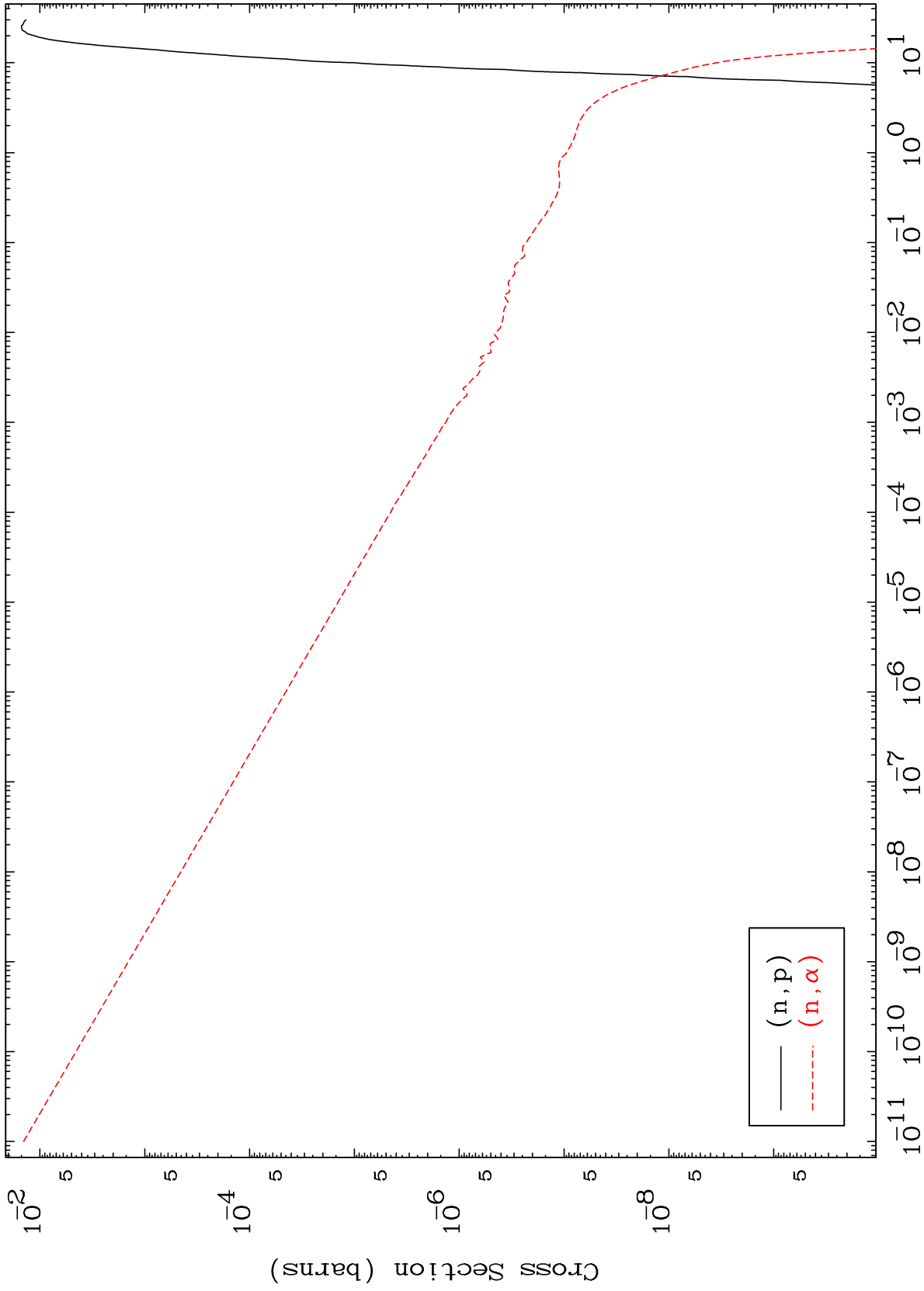
Incident Energy (MeV)

92-U -235

MAT 9228

Charged Particle
296 Kelvin Cross Sections

92-U -235



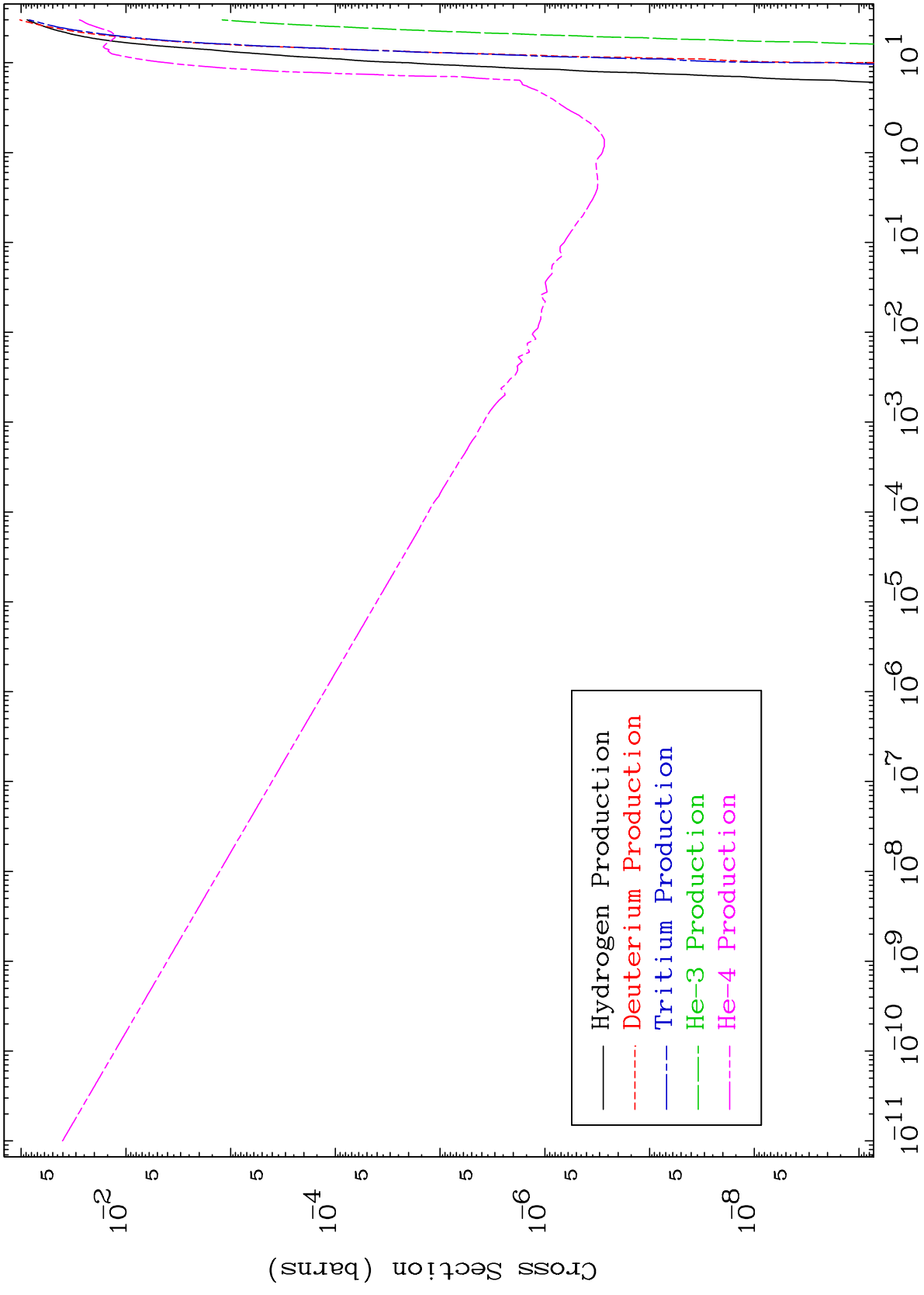
3

92-U -235

MAT 9228

Particle Production
296 Kelvin Cross Sections

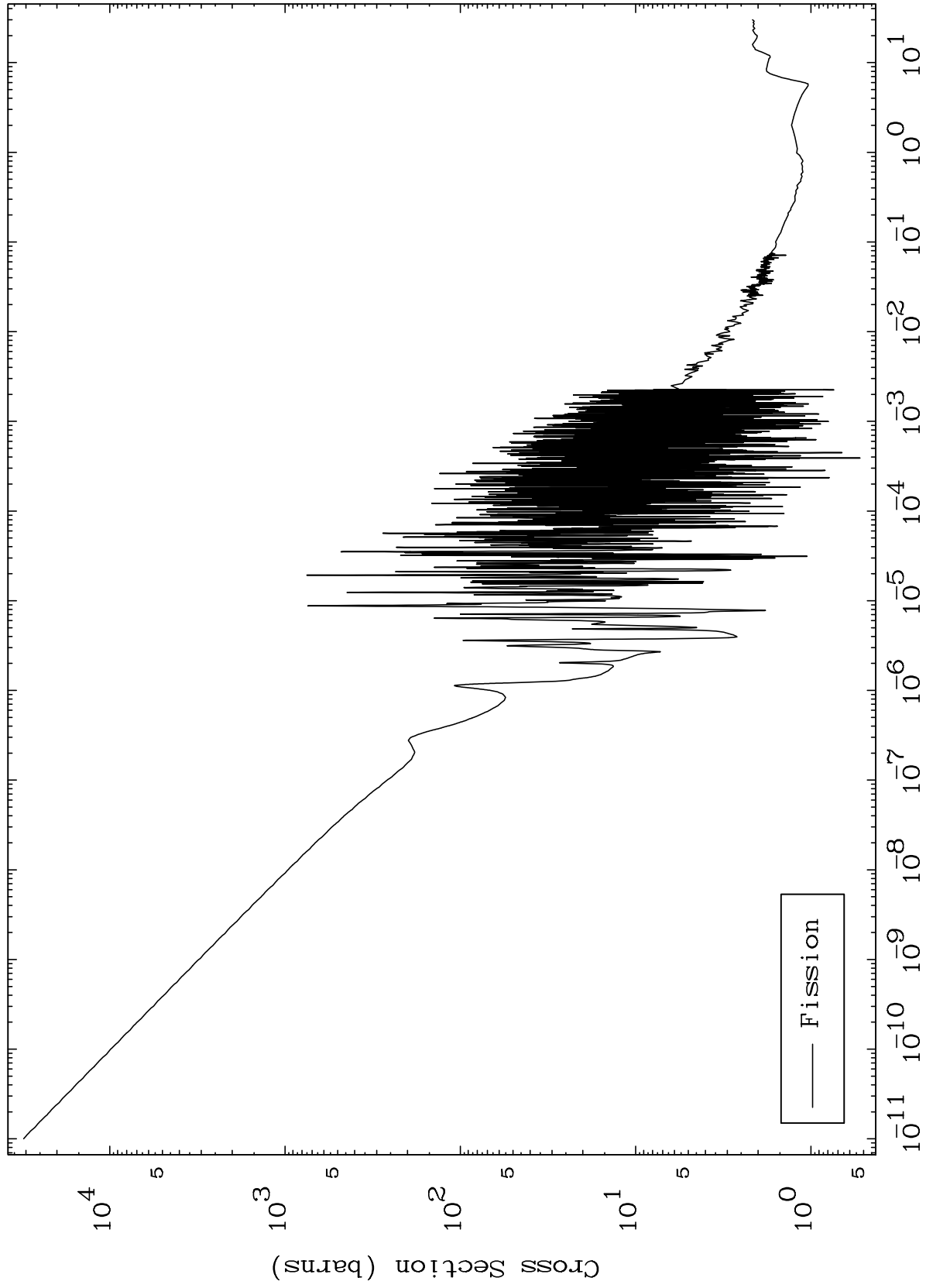
92-U -235



MAT 9228

Fission
296 Kelvin Cross Sections

92-U -235



5

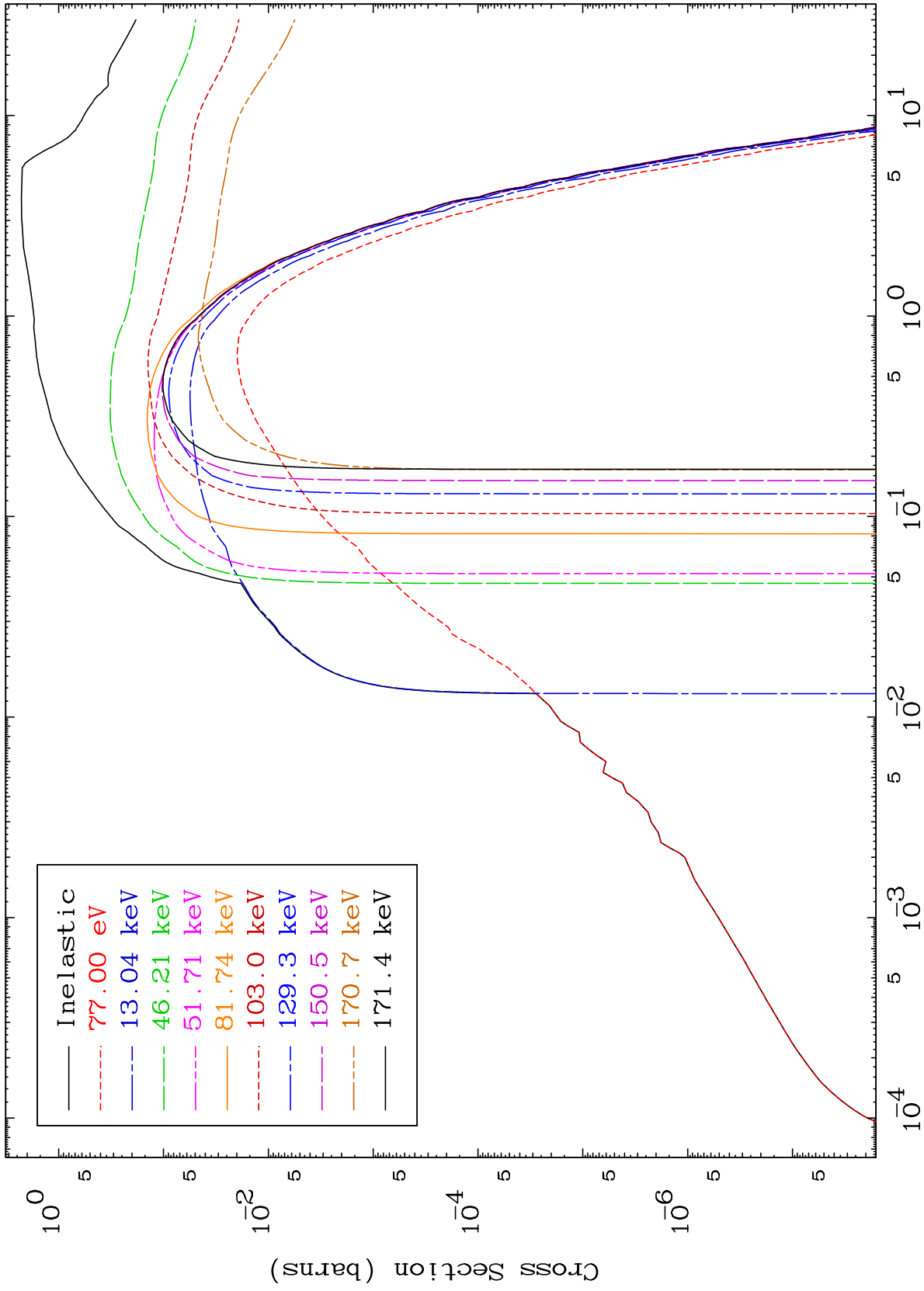
Incident Energy (MeV)

92-U -235

MAT 9228

(n,n') Level
296 Kelvin Cross Sections

92-U -235



6

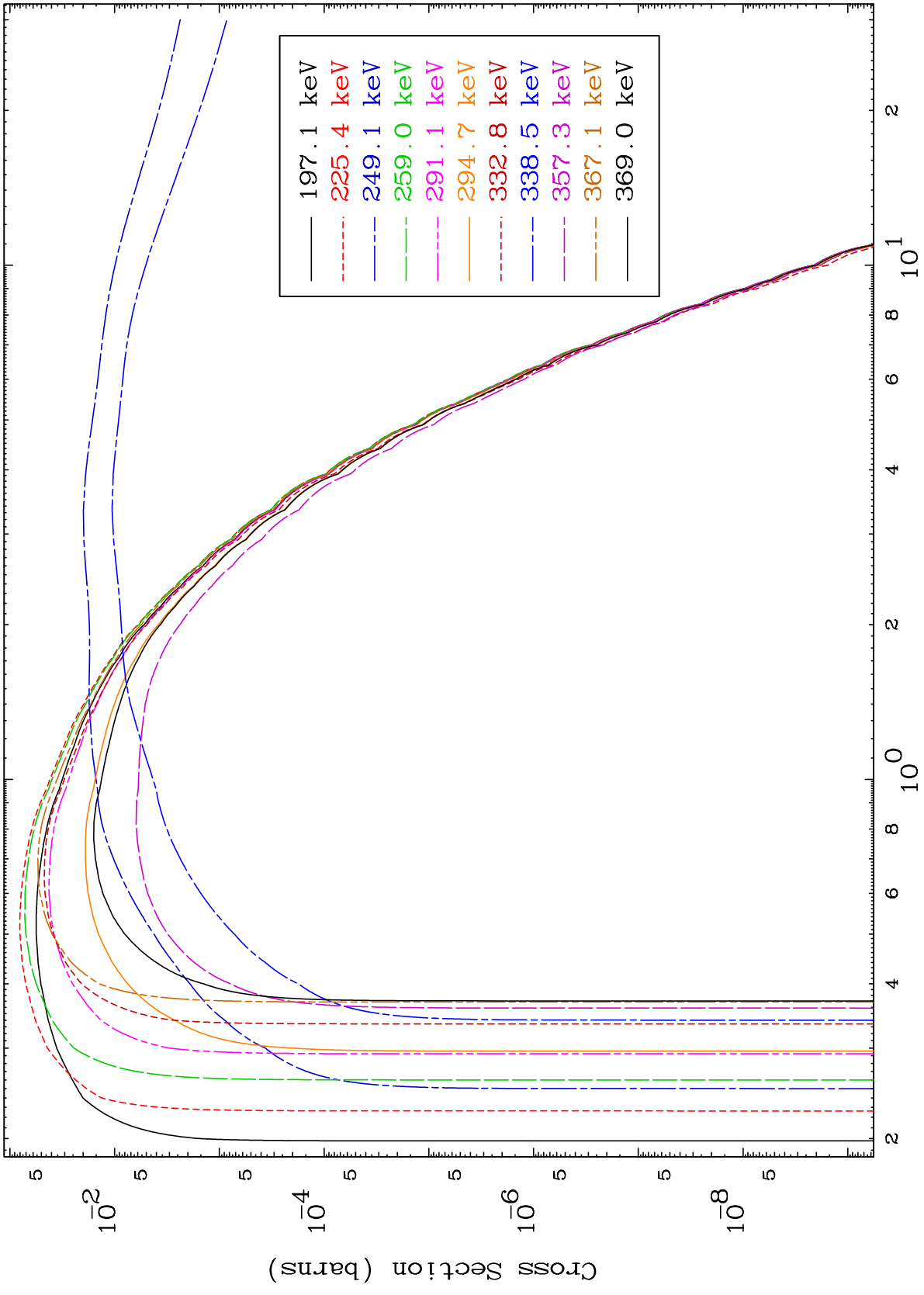
Incident Energy (MeV)

92-U -235

MAT 9228

(n,n') Level
296 Kelvin Cross Sections

92-U -235



7

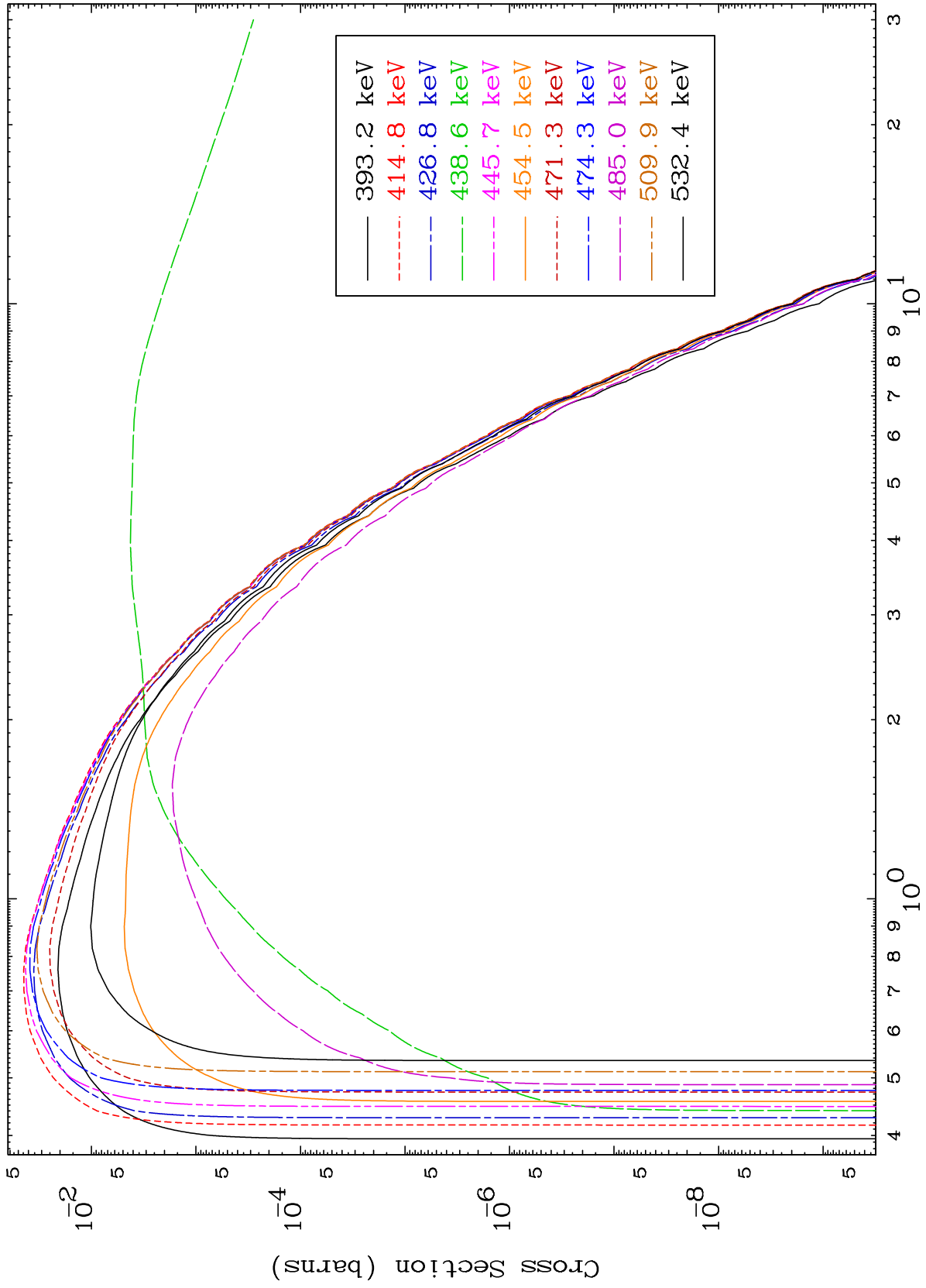
Incident Energy (MeV)

92-U -235

MAT 9228

(n,n') Level
296 Kelvin Cross Sections

92-U -235

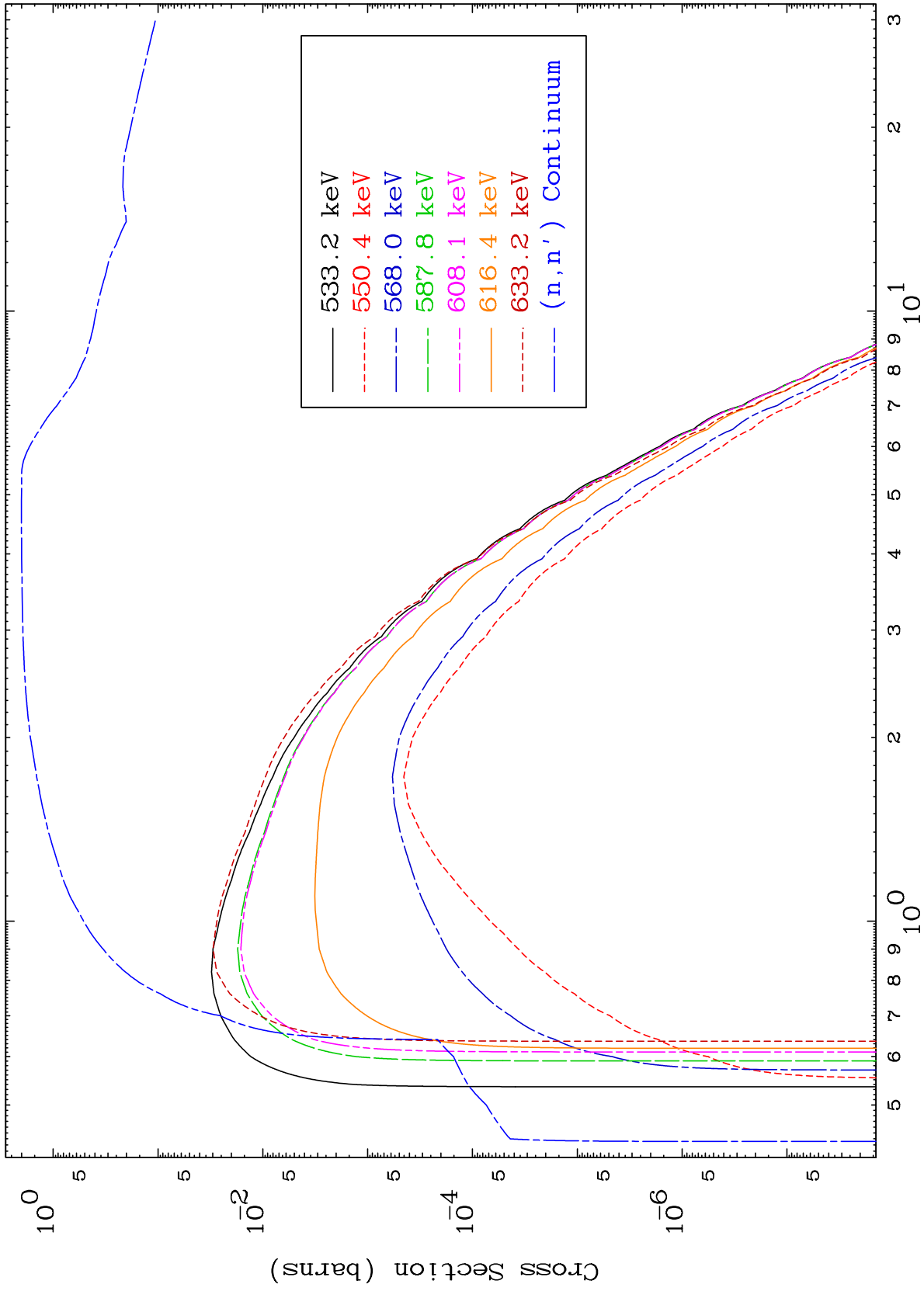


8

MAT 9228

(n,n') Level
296 Kelvin Cross Sections

92-U -235



9

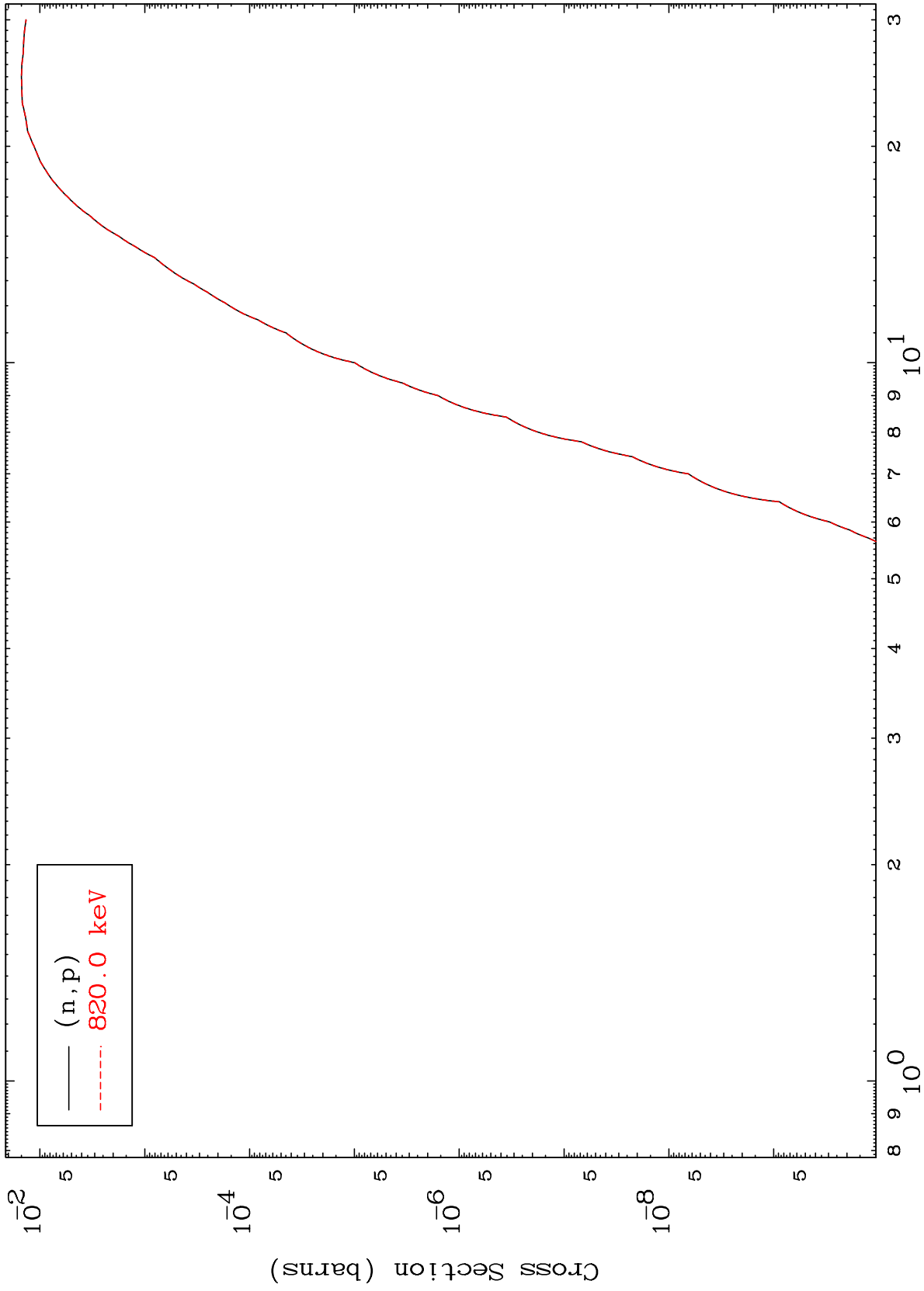
Incident Energy (MeV)

92-U -235

MAT 9228

(n,p) Levels
296 Kelvin Cross Sections

92-U -235



10

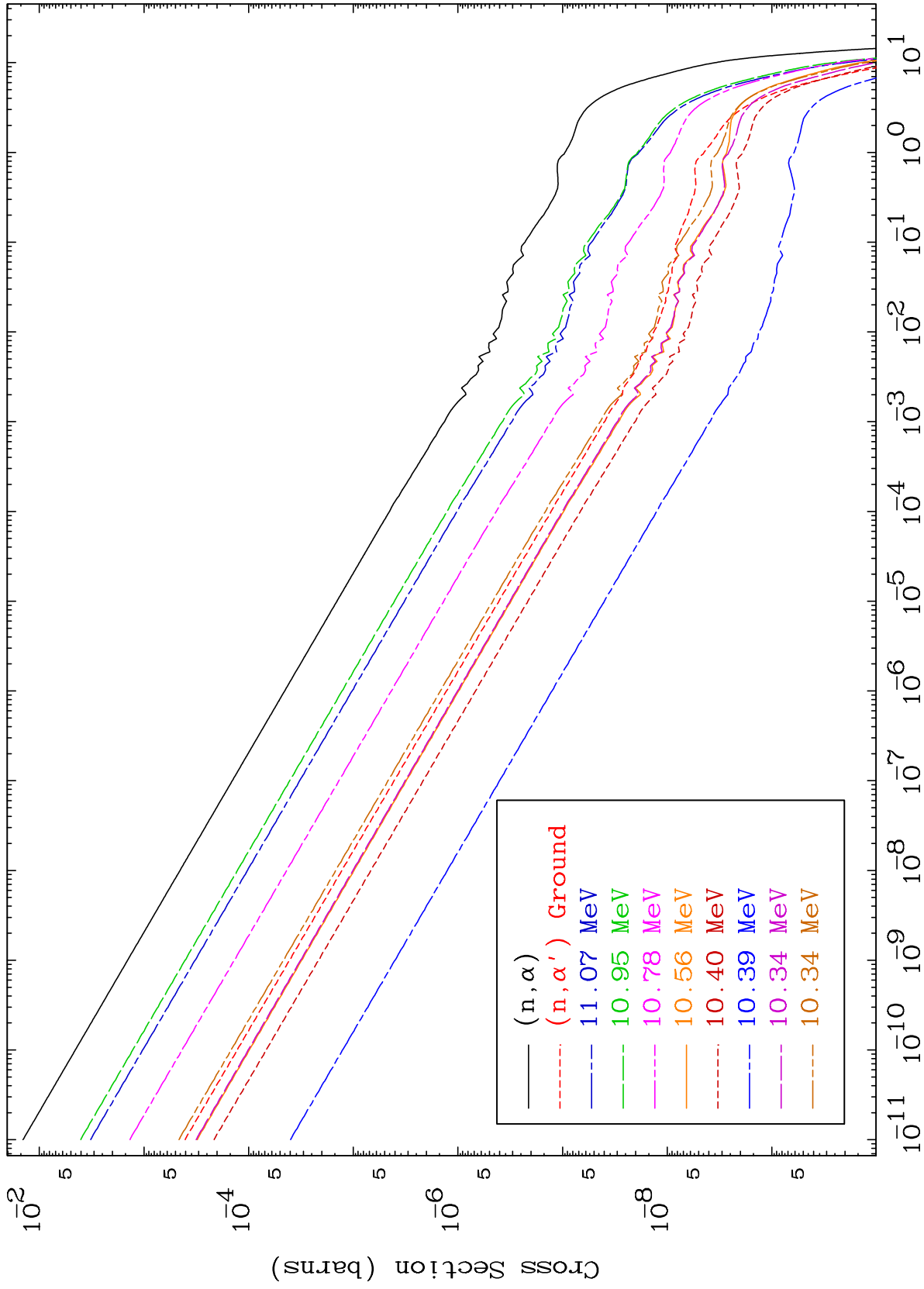
Incident Energy (MeV)

92-U -235

MAT 9228

(n,α) Levels
296 Kelvin Cross Sections

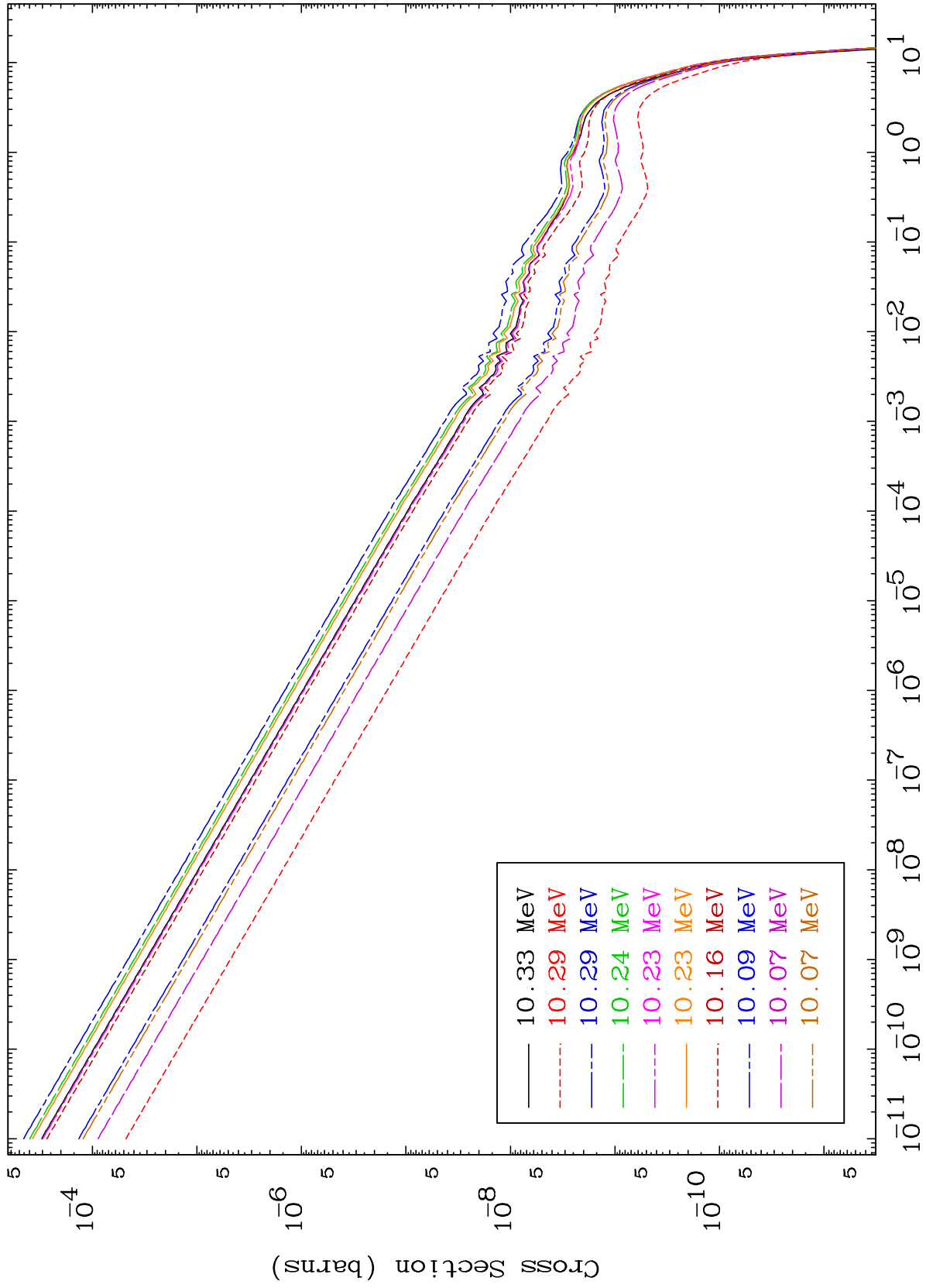
92-U -235



MAT 9228

(n, α) Levels
296 Kelvin Cross Sections

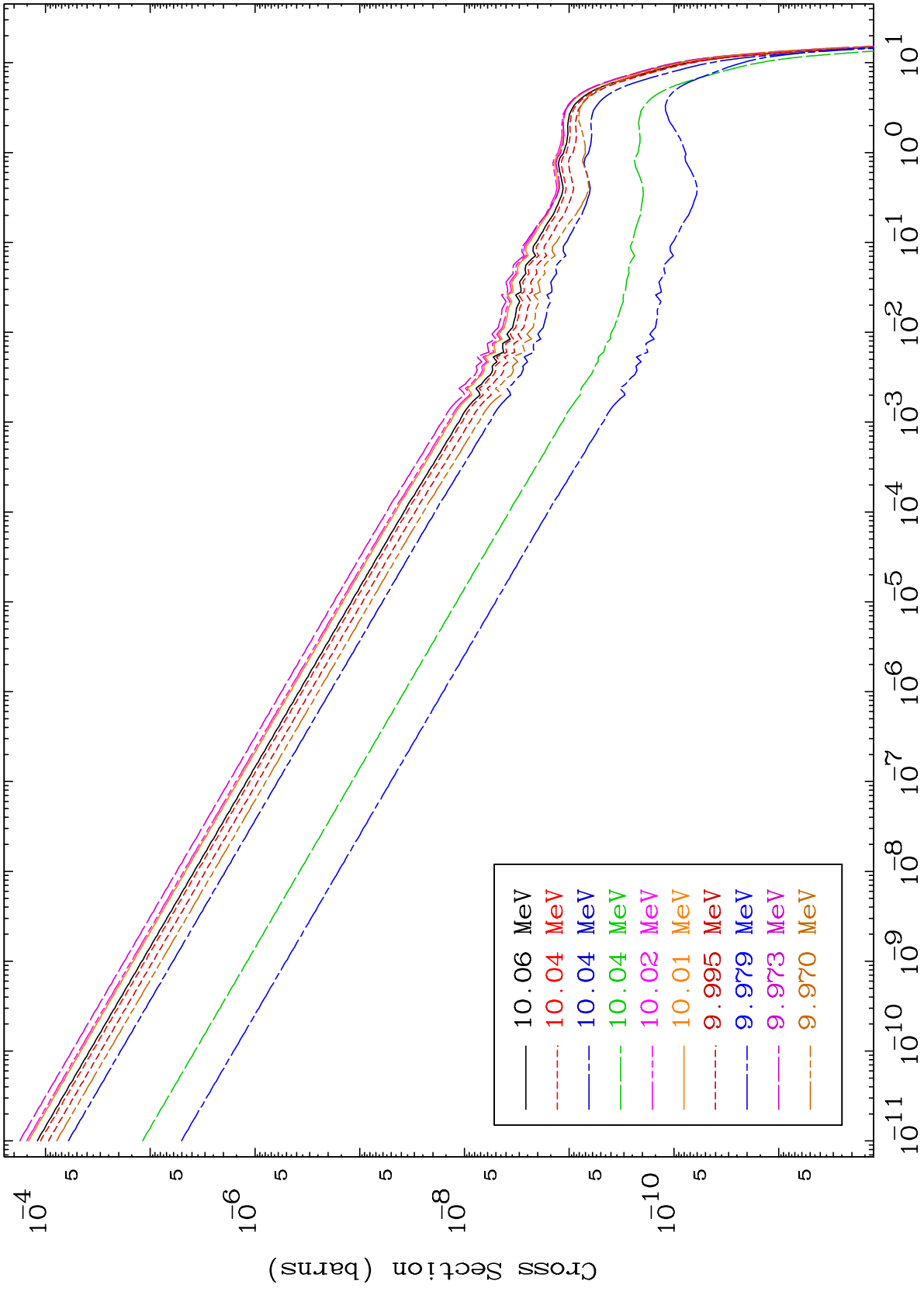
92-U -235



MAT 9228

(n, α) Levels
296 Kelvin Cross Sections

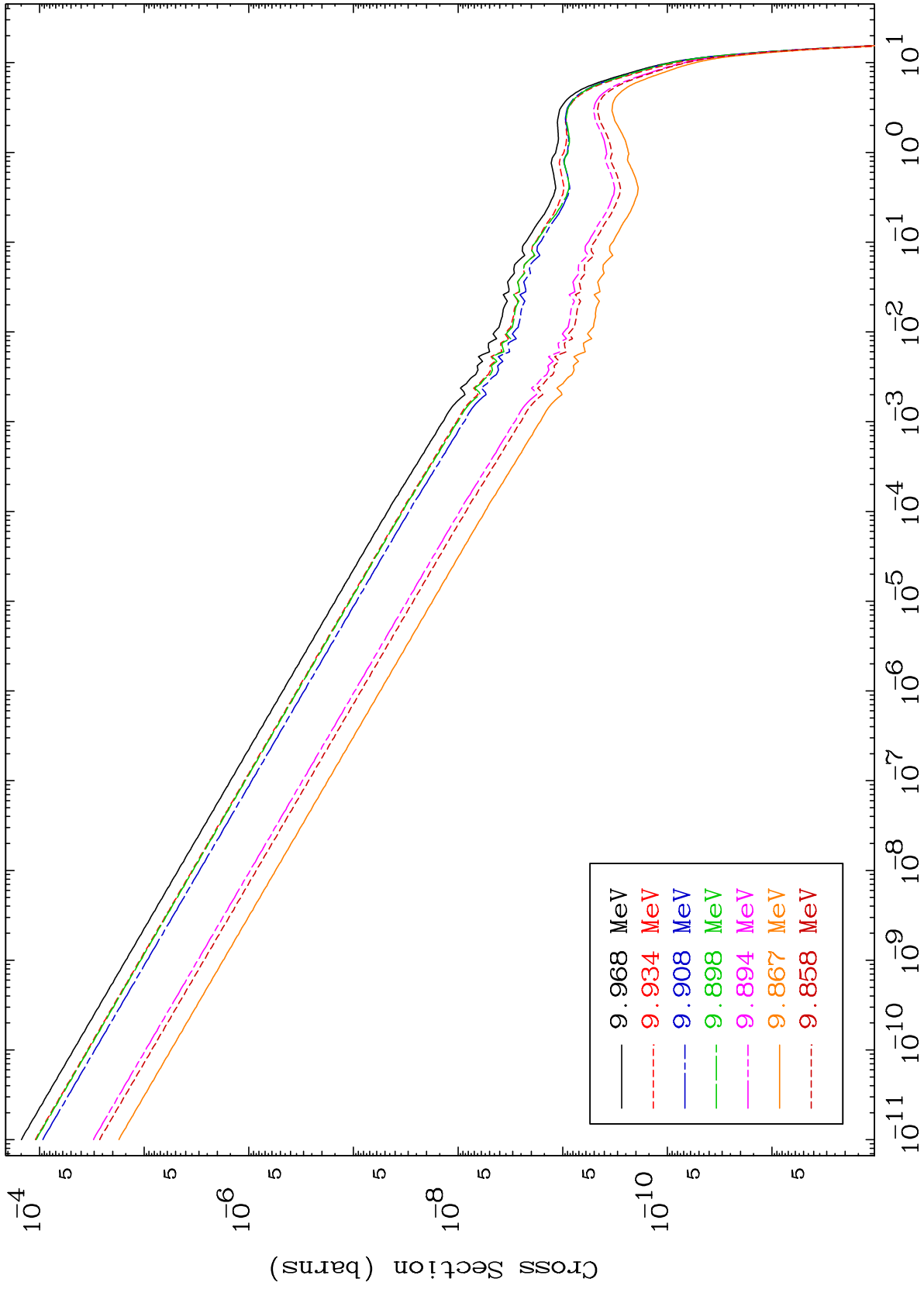
92-U -235



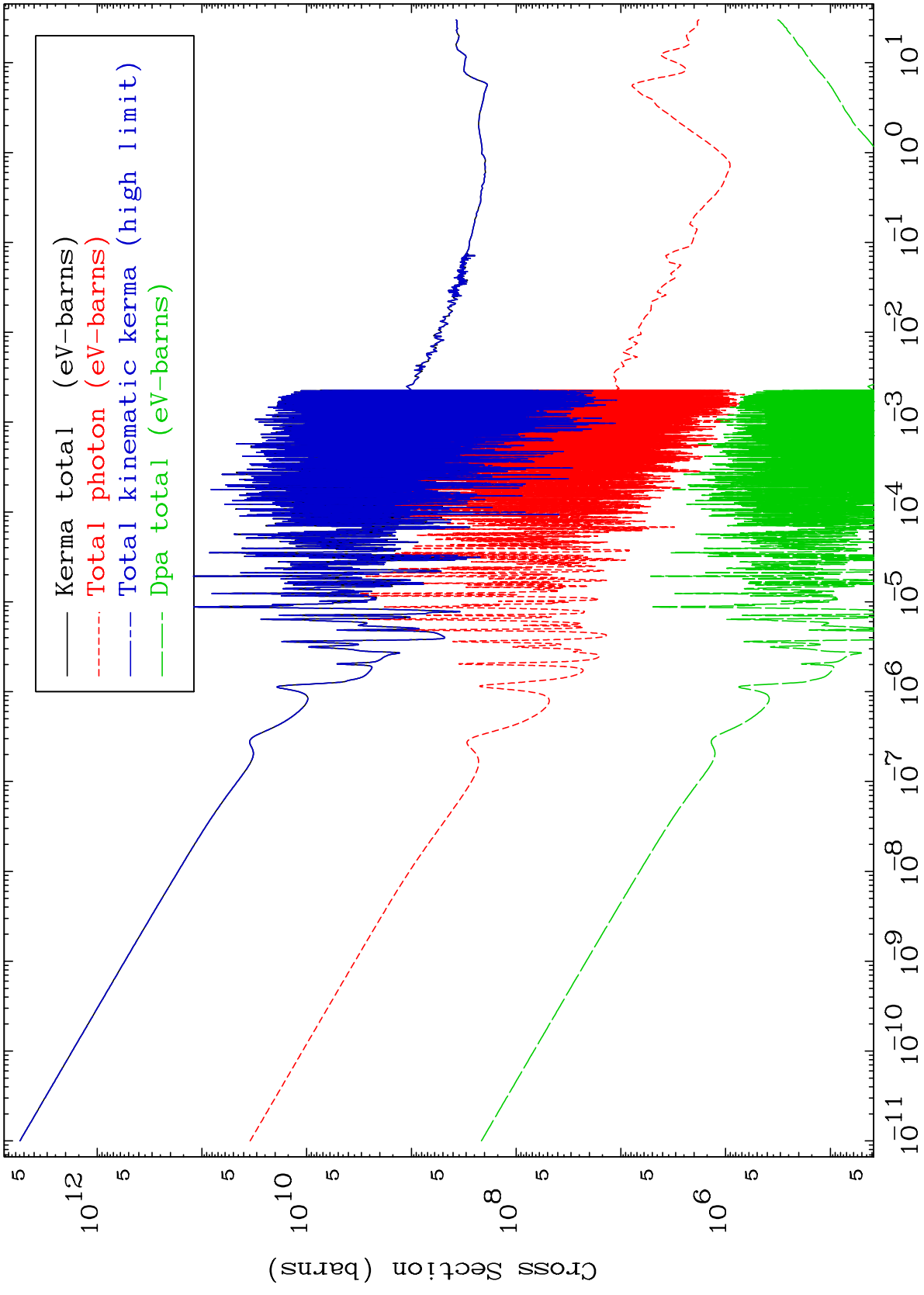
MAT 9228

296 Kelvin Cross Sections
(n,α) Levels

92-U -235



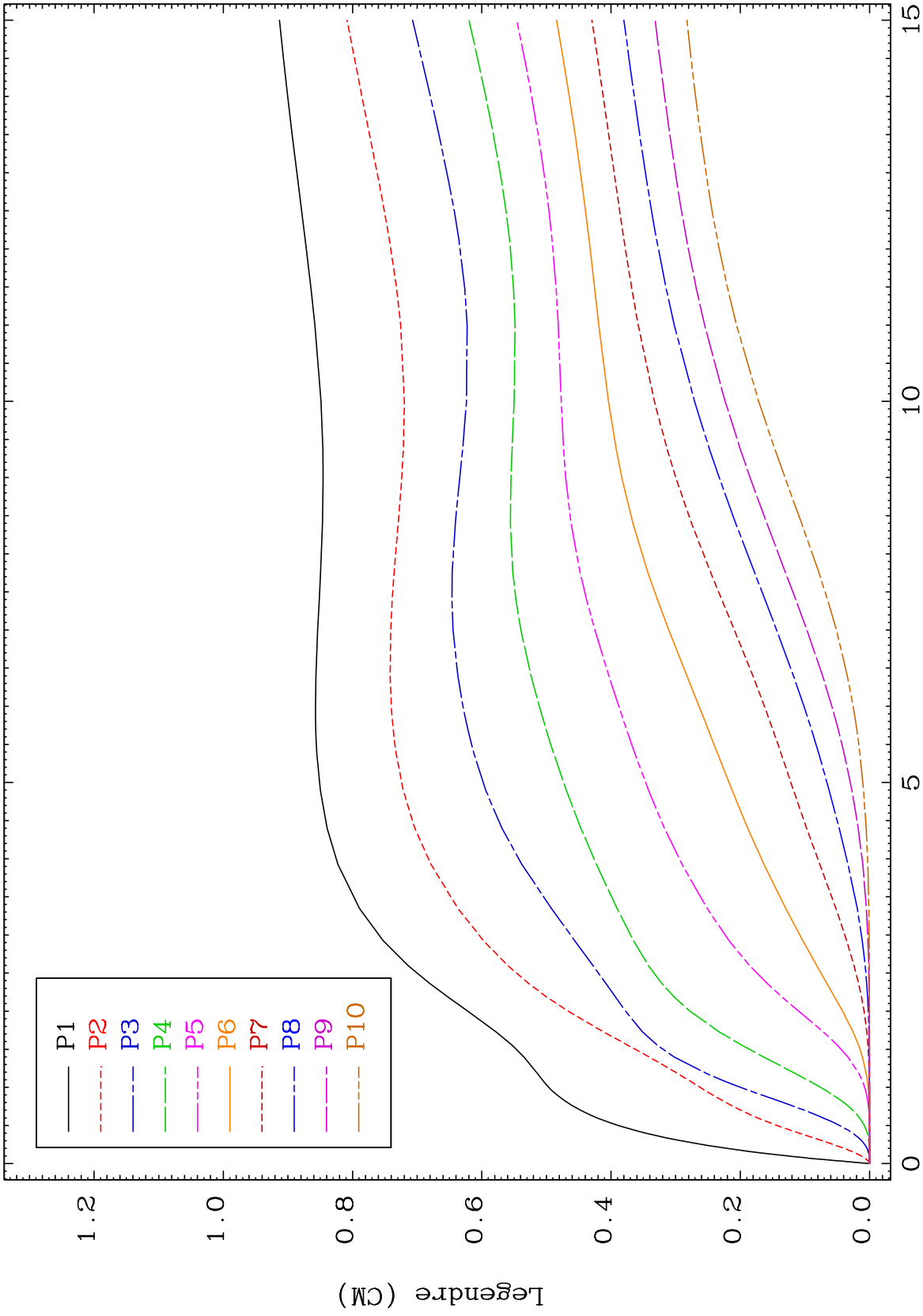
92-U -235



MAT 9228

Elastic Legendre Coefficients

92-U -235



16

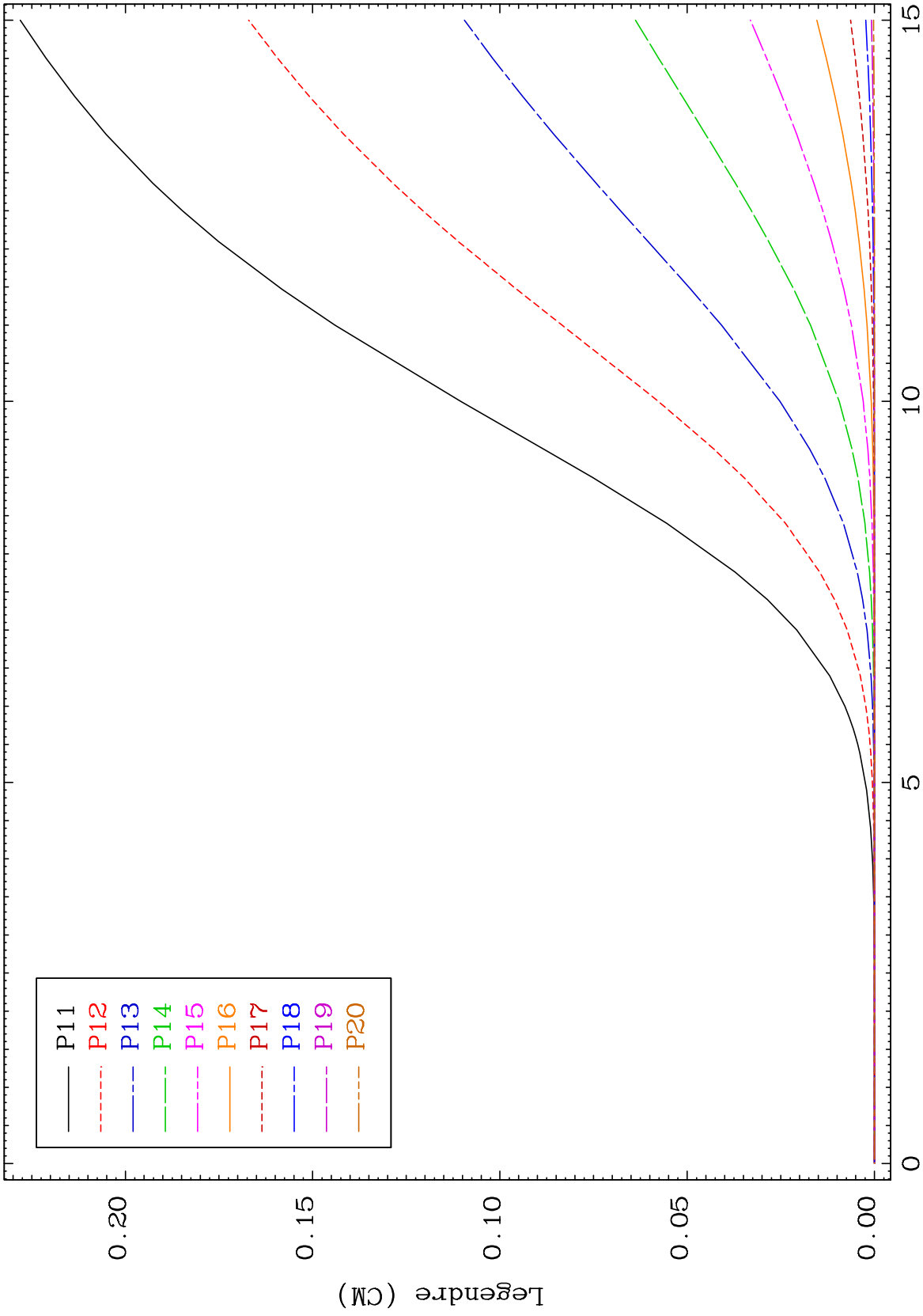
Incident Energy (MeV)

92-U -235

MAT 9228

Elastic Legendre Coefficients

92-U -235



0

5

Incident Energy (MeV)

10

15

92-U -235

Legendre (CM)

0.20

0.15

0.10

0.05

0.00

P11

P12

P13

P14

P15

P16

P17

P18

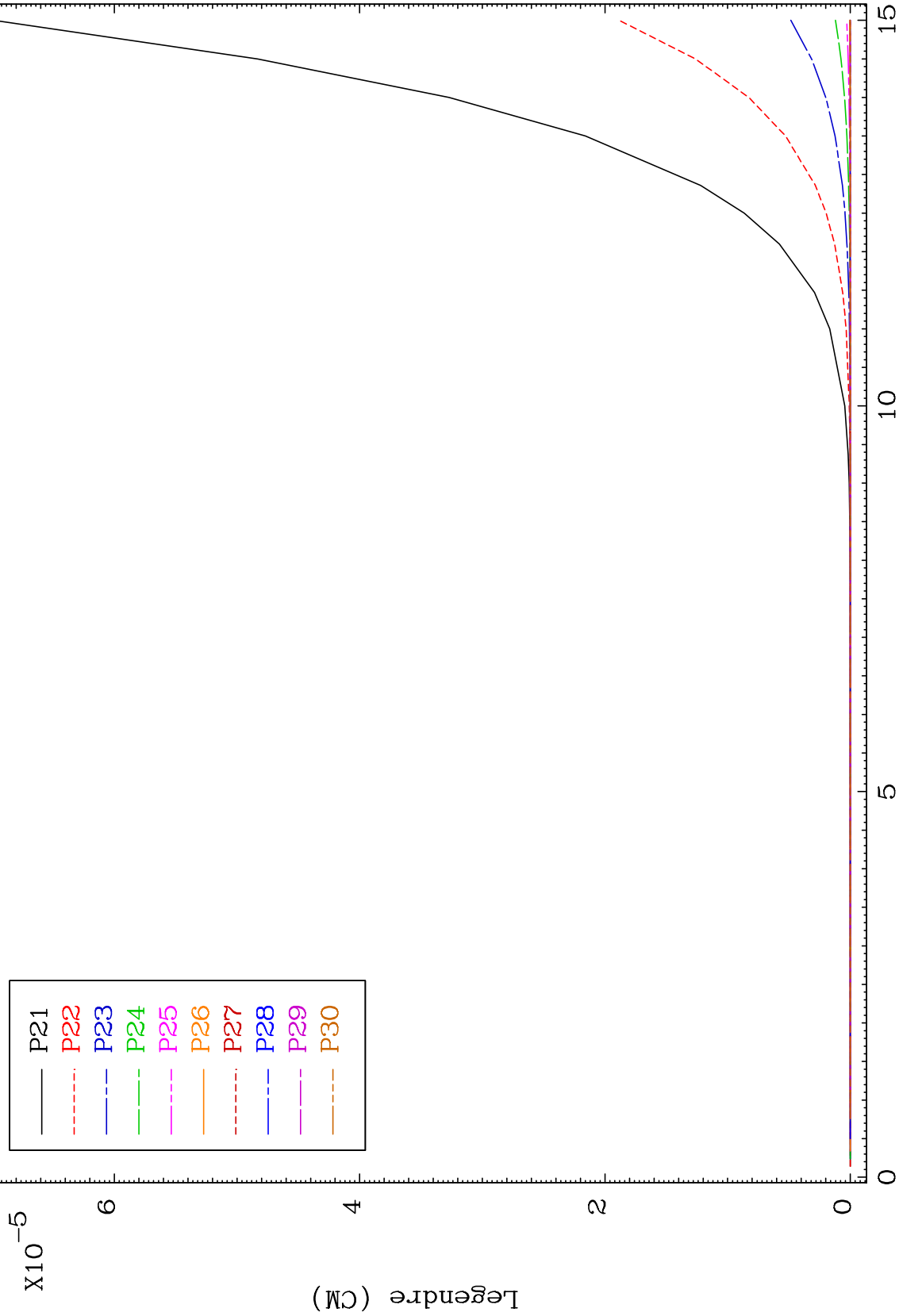
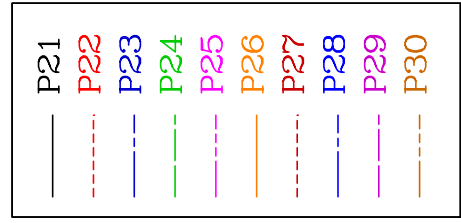
P19

P20

MAT 9228

Elastic Legendre Coefficients

92-U -235



18

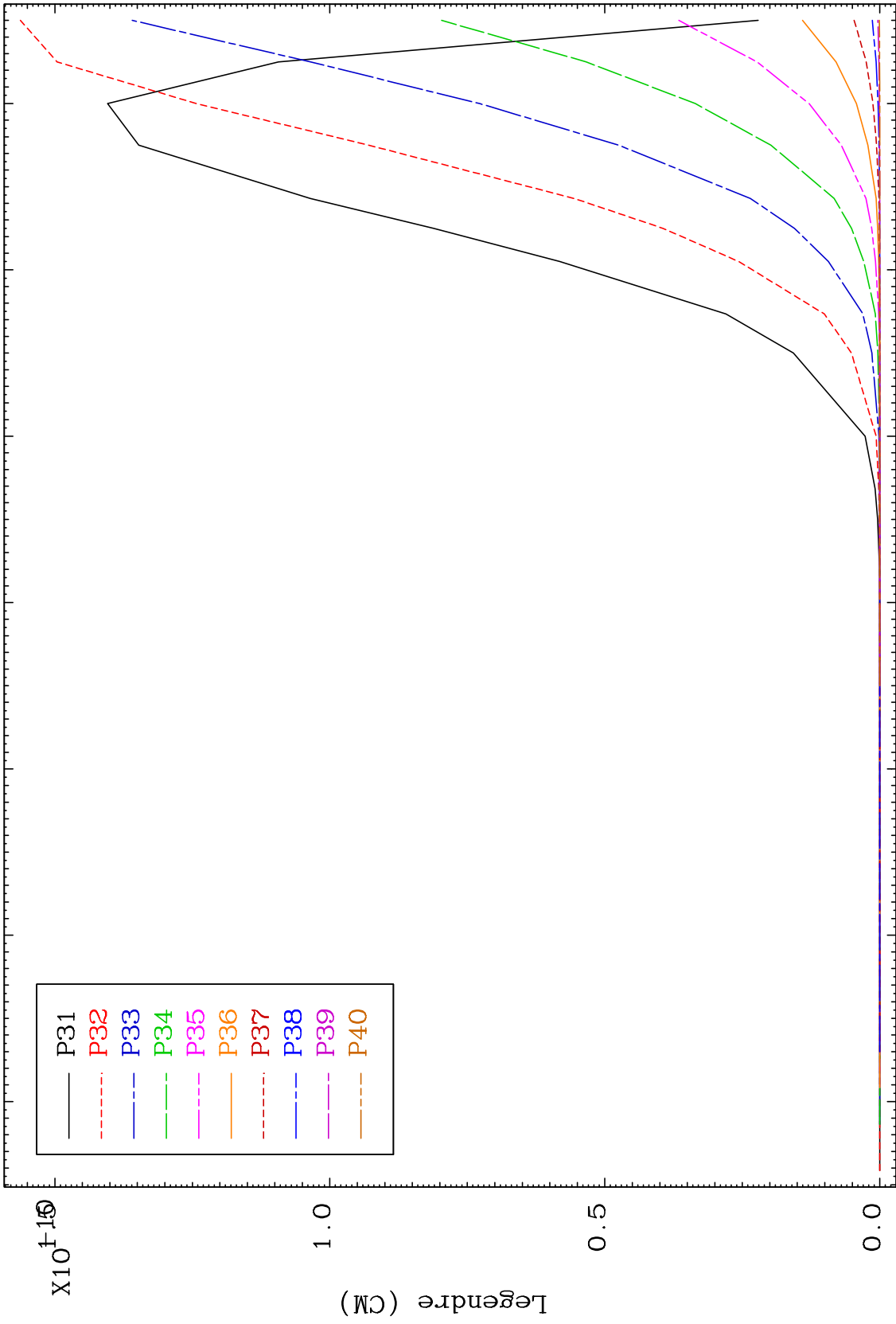
Incident Energy (MeV)

92-U -235

MAT 9228

Elastic Legendre Coefficients

92-U -235



19

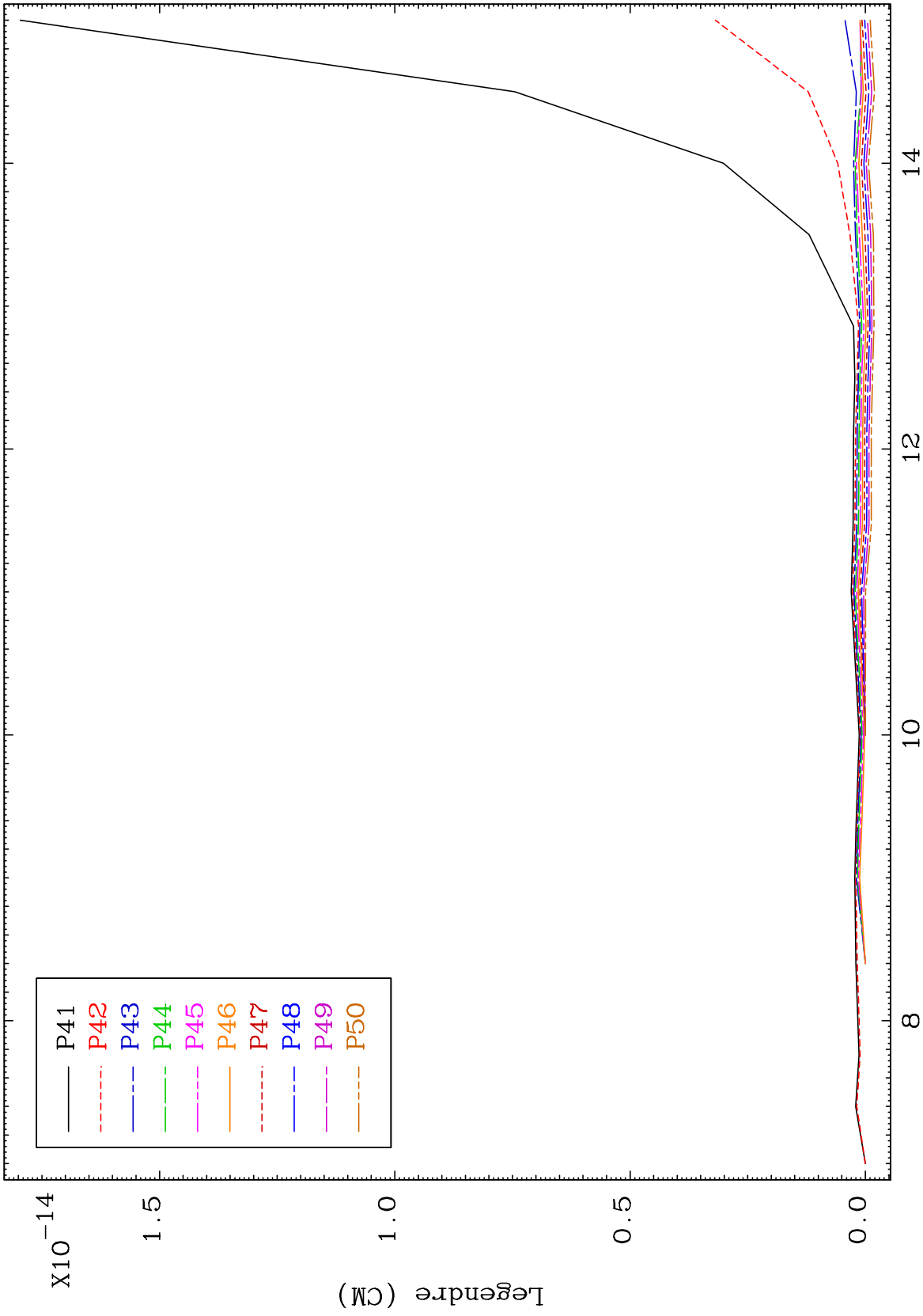
Incident Energy (MeV)

92-U -235

MAT 9228

Elastic Legendre Coefficients

92-U -235



20

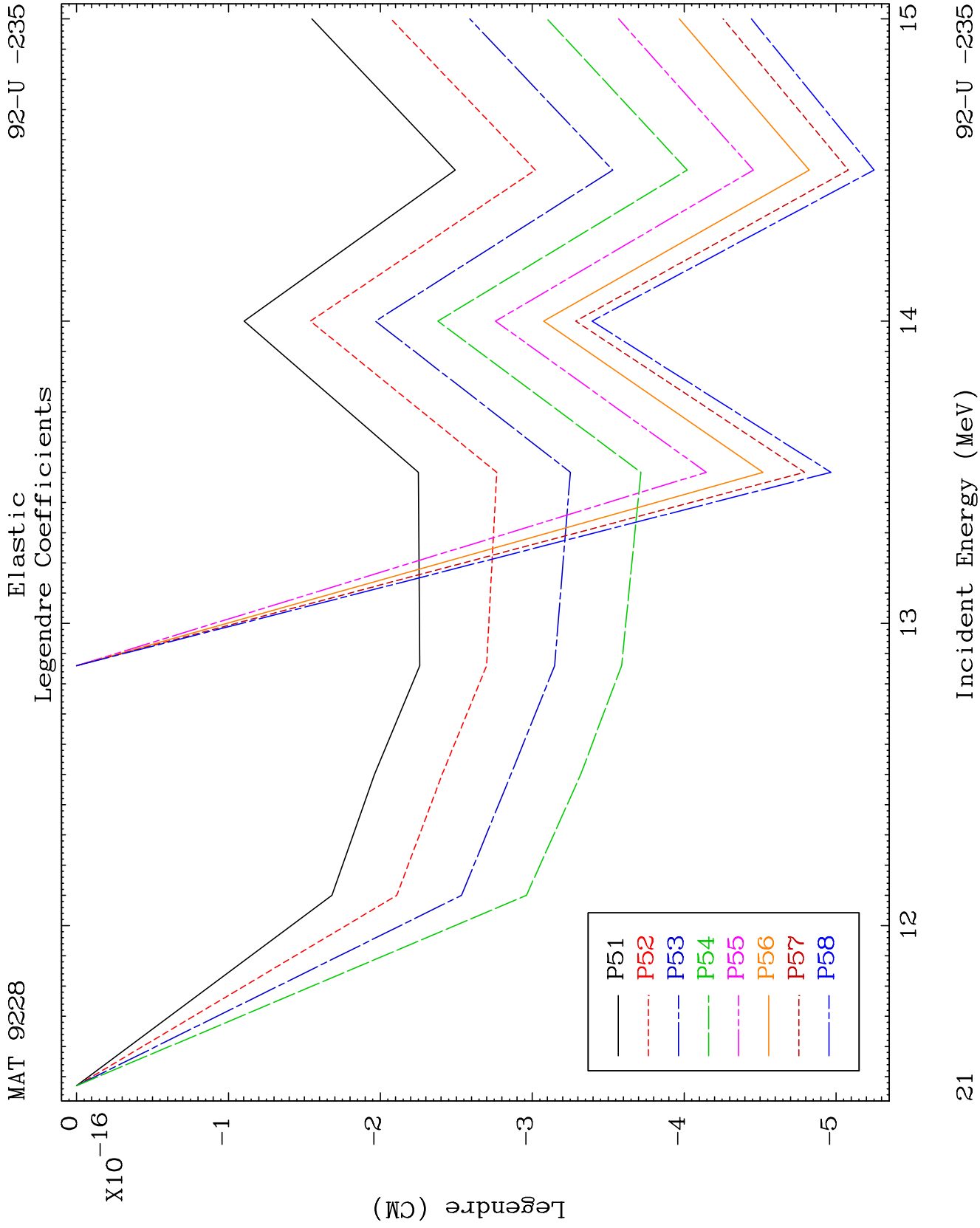
8

10

12

14

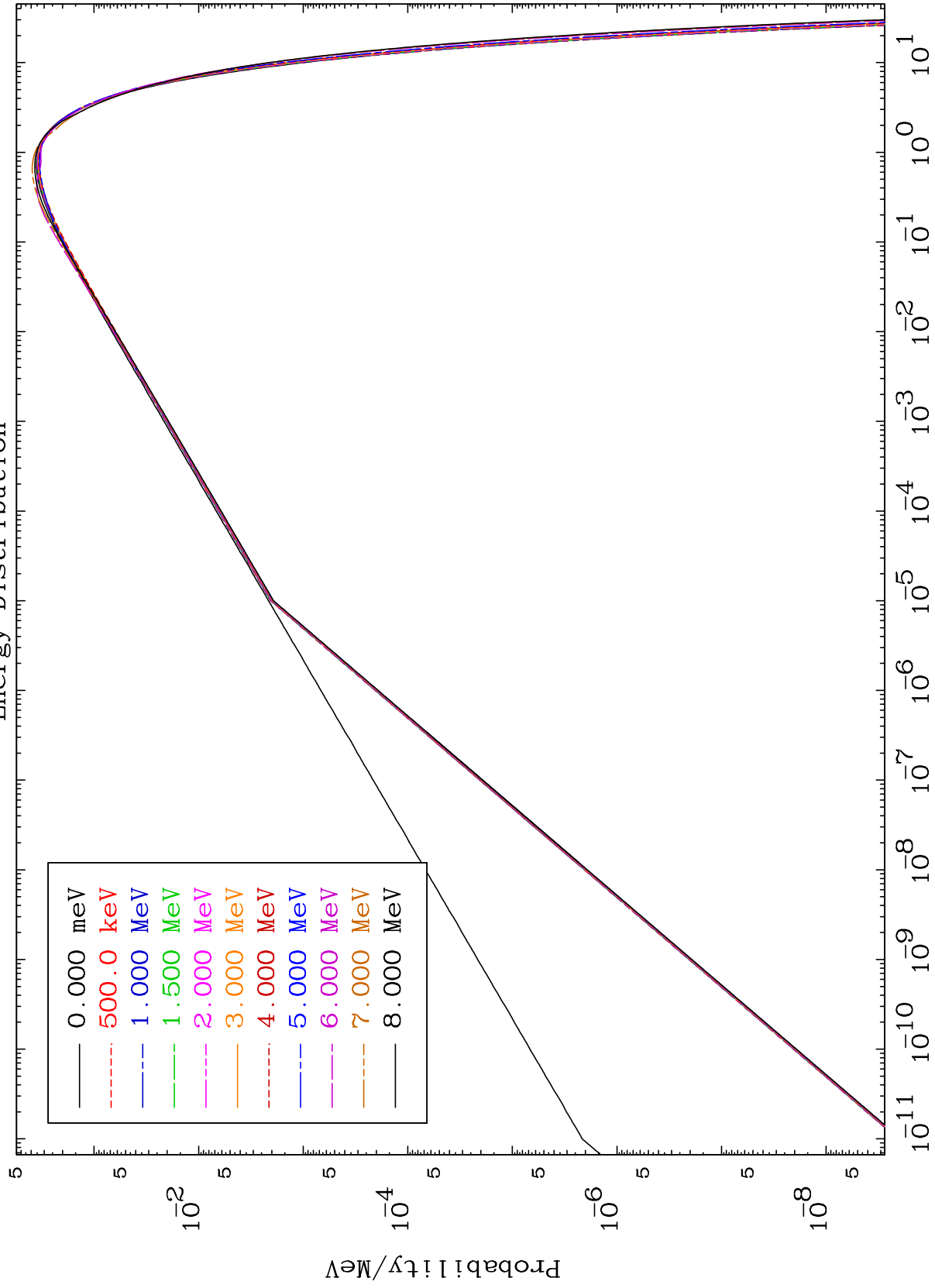
92-U -235



MAT 9228

Fission Energy Distribution

92-U -235



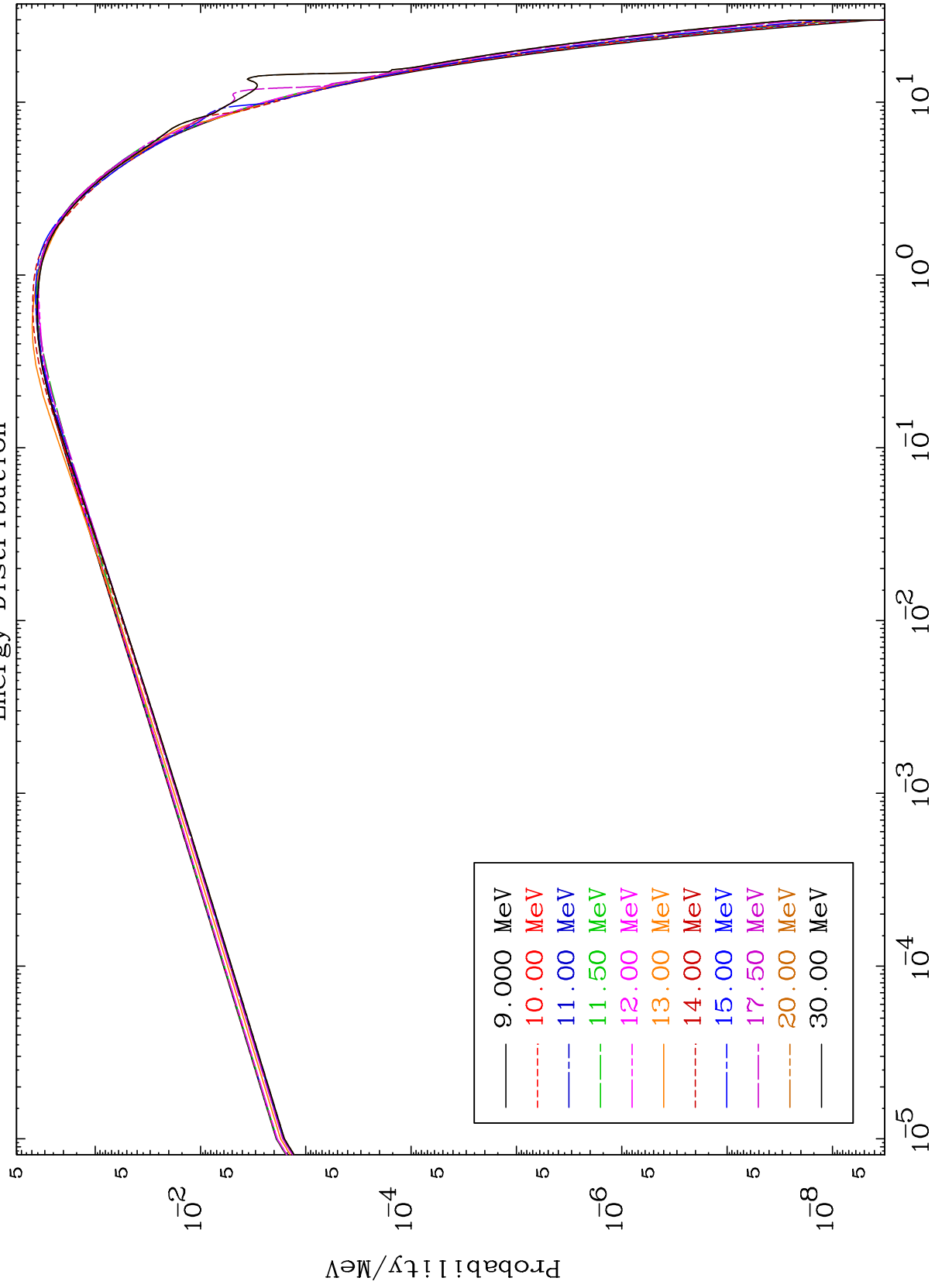
22

92-U -235

MAT 9228

Fission Energy Distribution

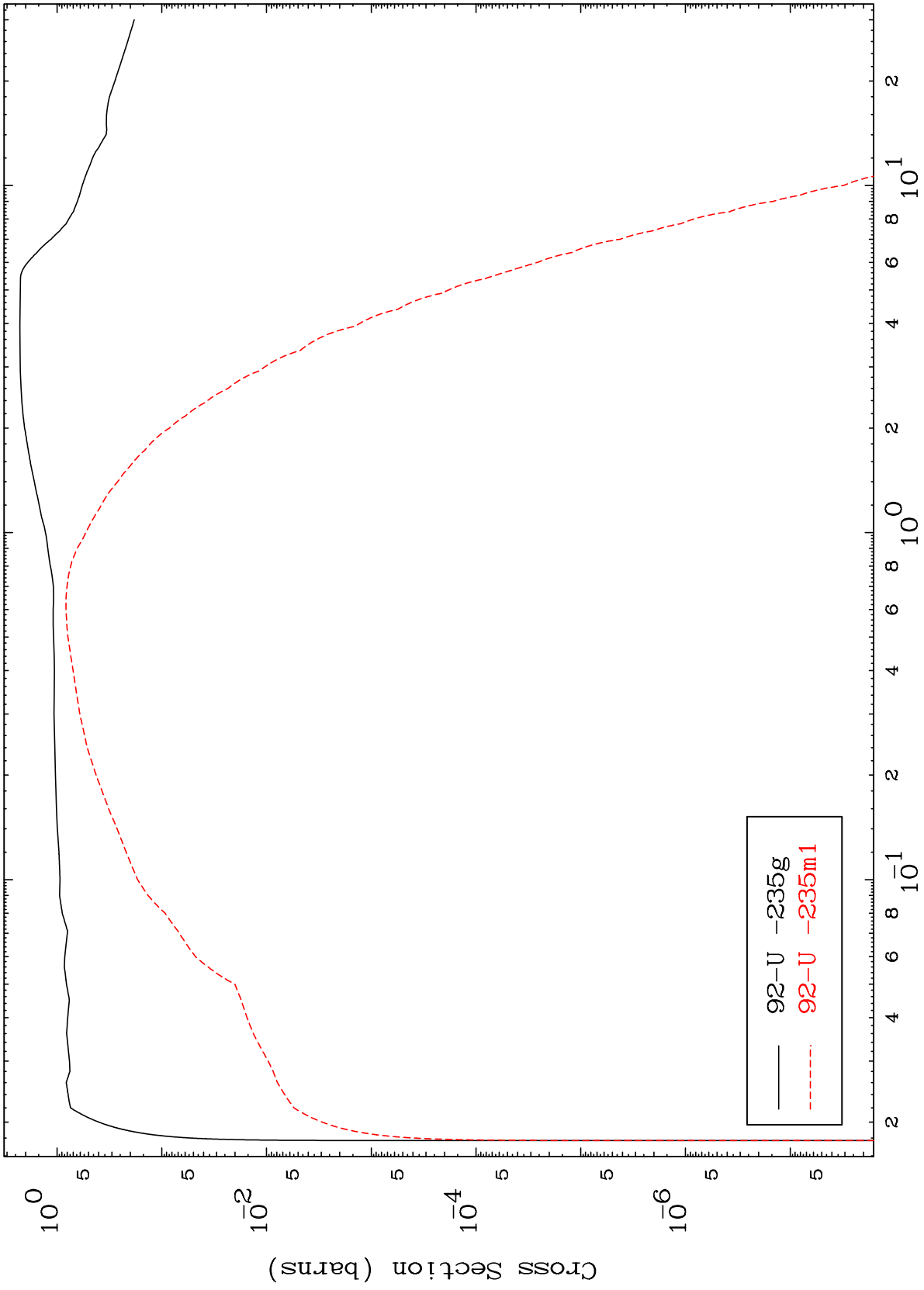
92-U -235



MAT 9228

92-U -235

Inelastic Radionuclide Production Cross Section



24

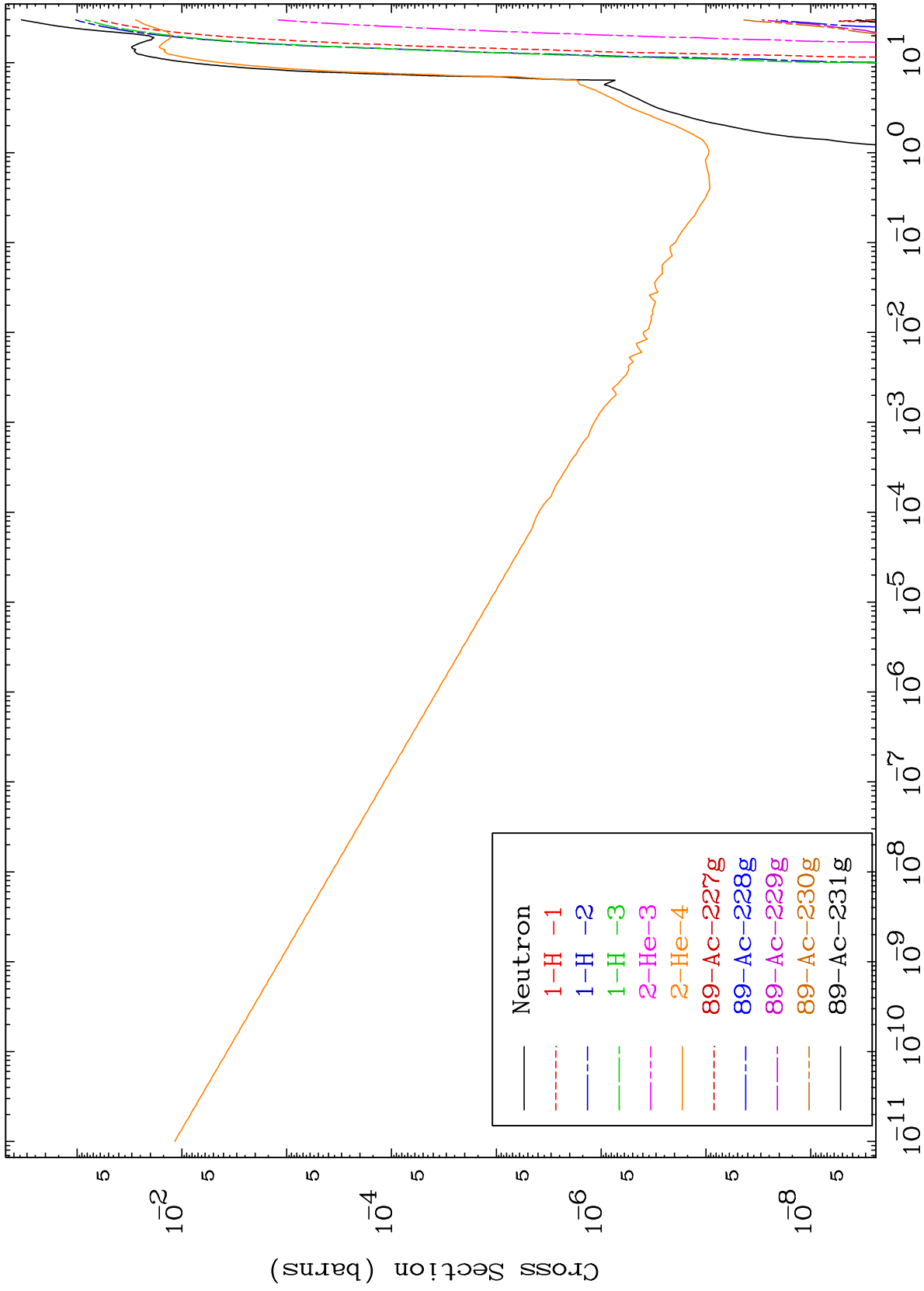
92-U -235

MAT 9228

(n, remainder)

92-U -235

Radionuclide Production Cross Section



25

Incident Energy (MeV)

92-U -235

MAT 9228

(n, remainder)

92-U -235

