

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

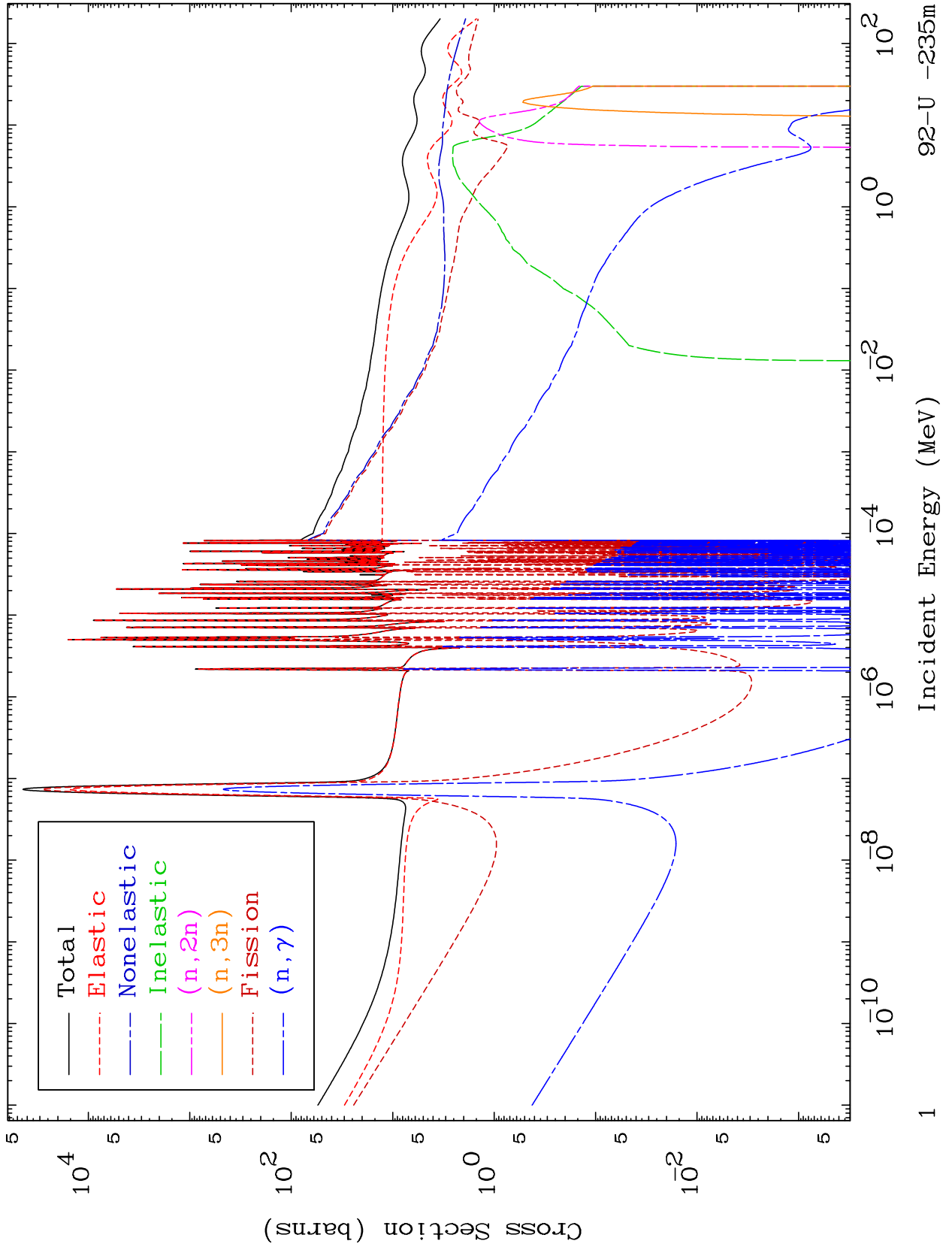
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9229

Neutron Major
293 Kelvin Cross Sections

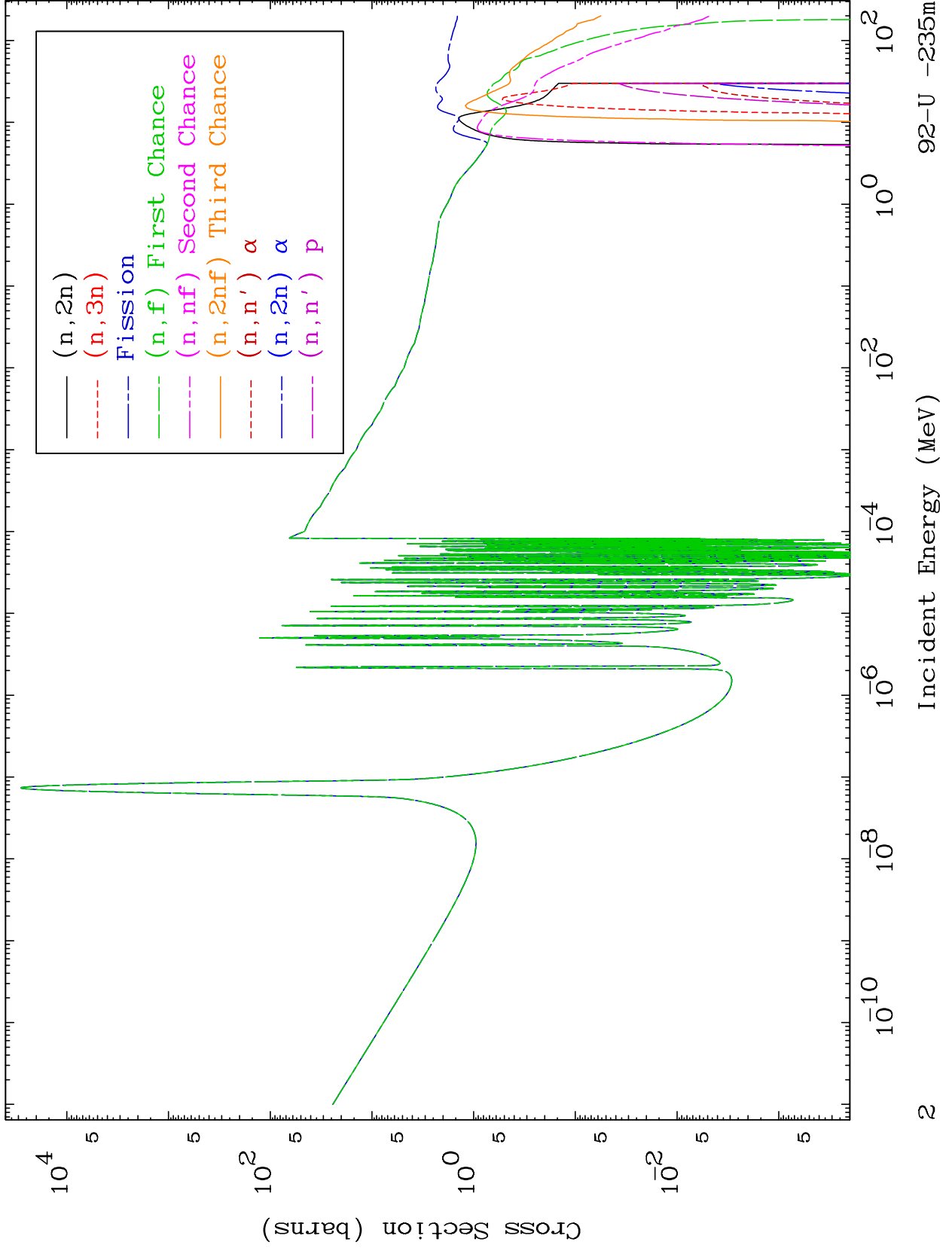
92-U -235m

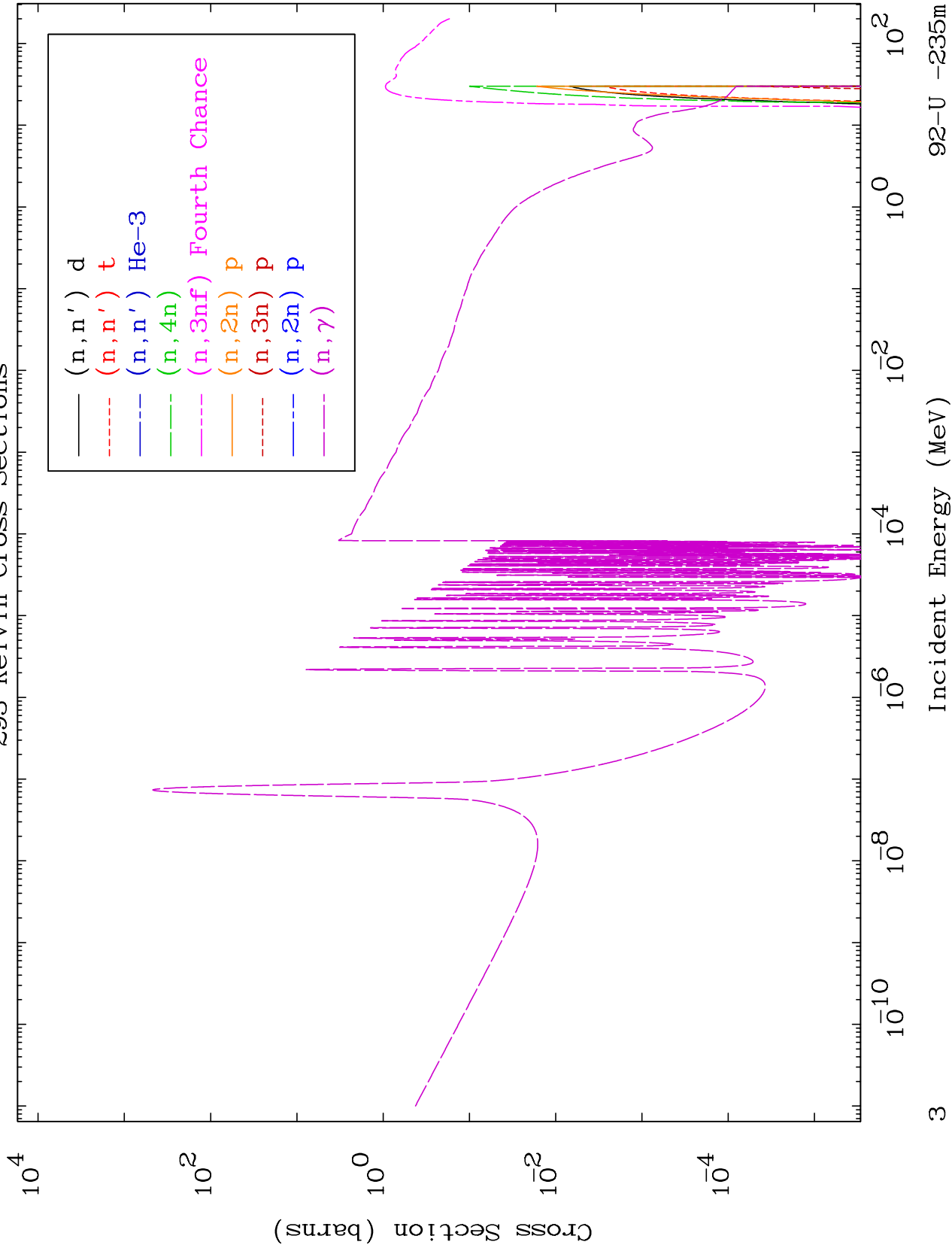


MAT 9229

Neutron Absorption
293 Kelvin Cross Sections

92-U -235m

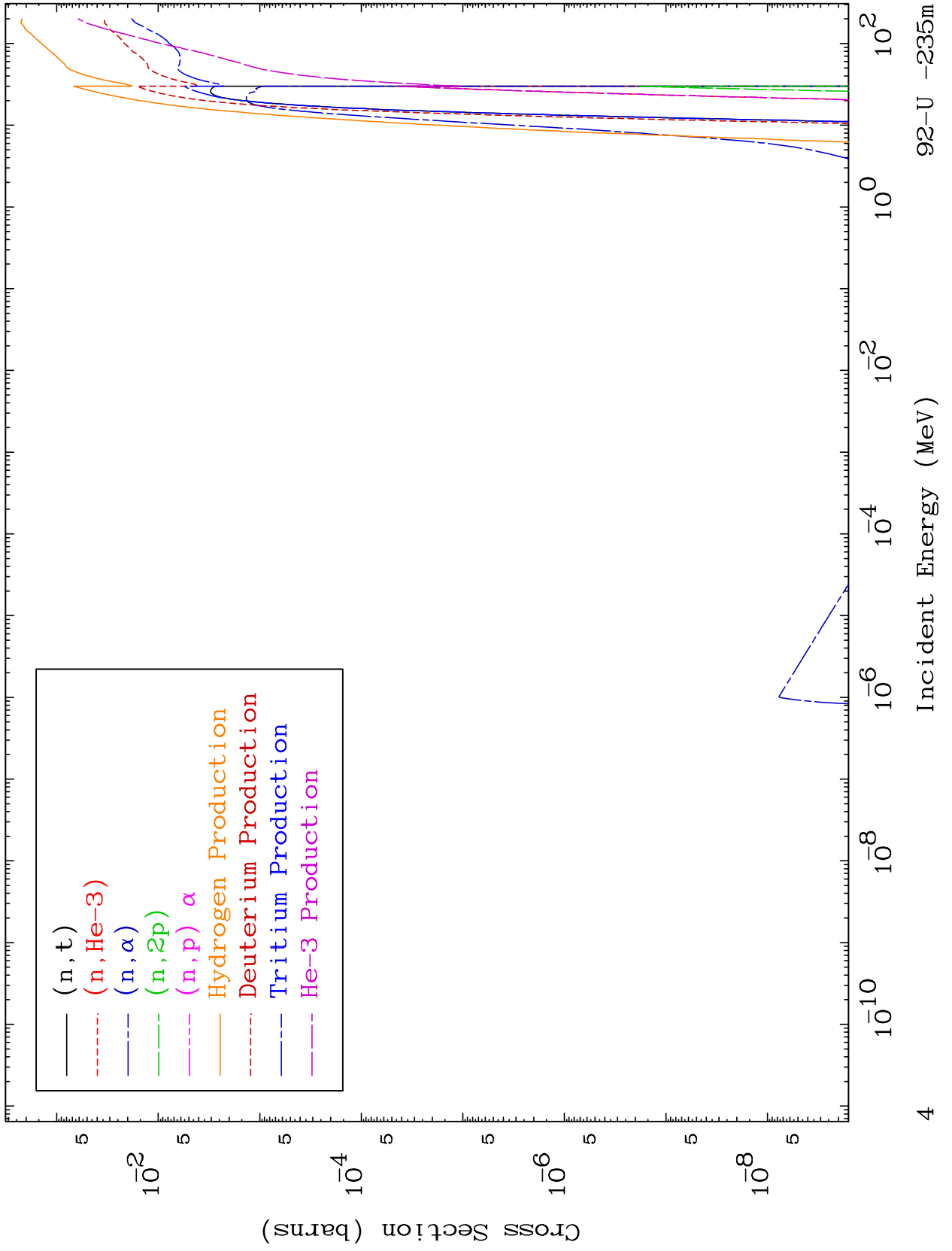




MAT 9229

Neutron Absorption
293 Kelvin Cross Sections

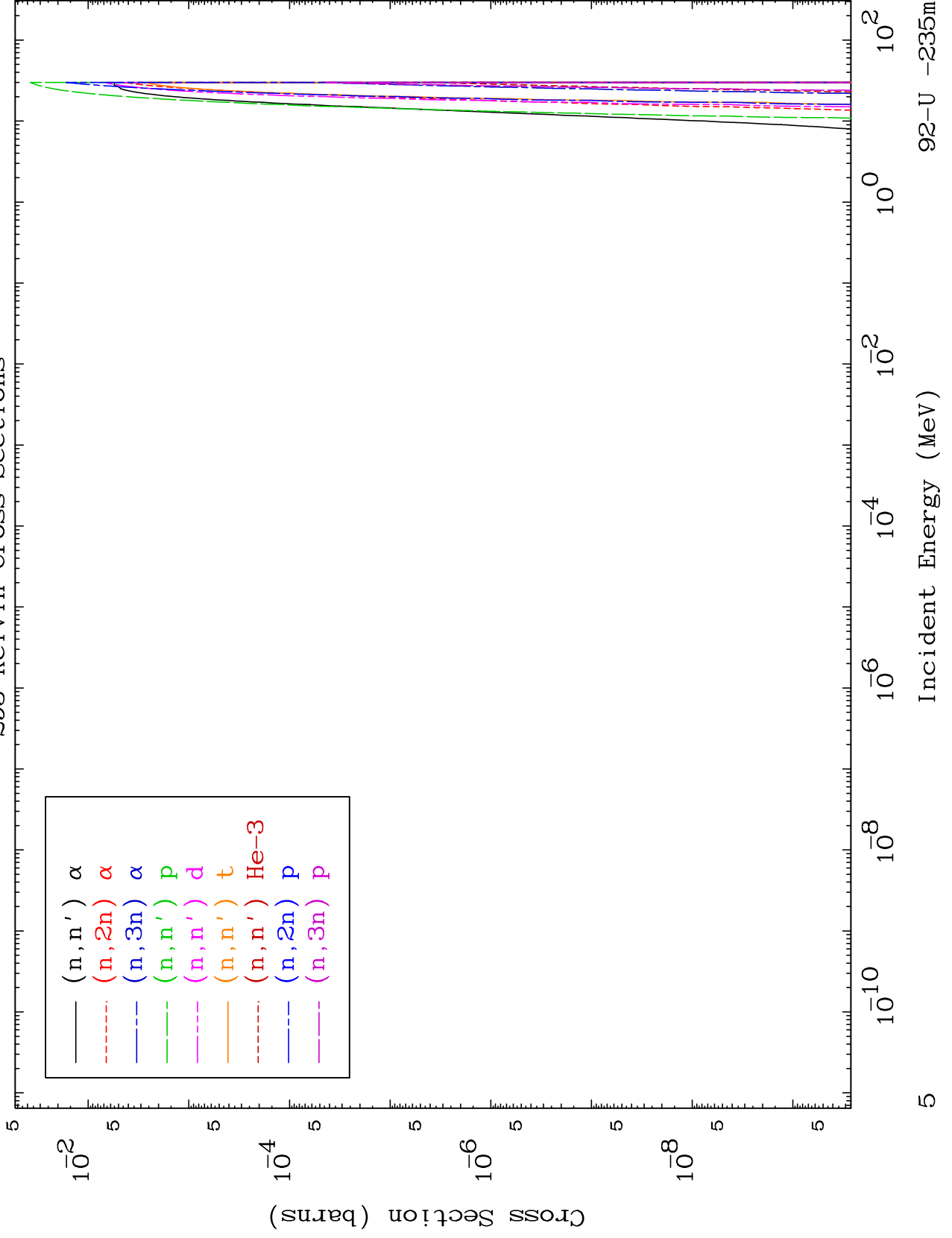
92-U -235m



MAT 9229

Charged Particle
293 Kelvin Cross Sections

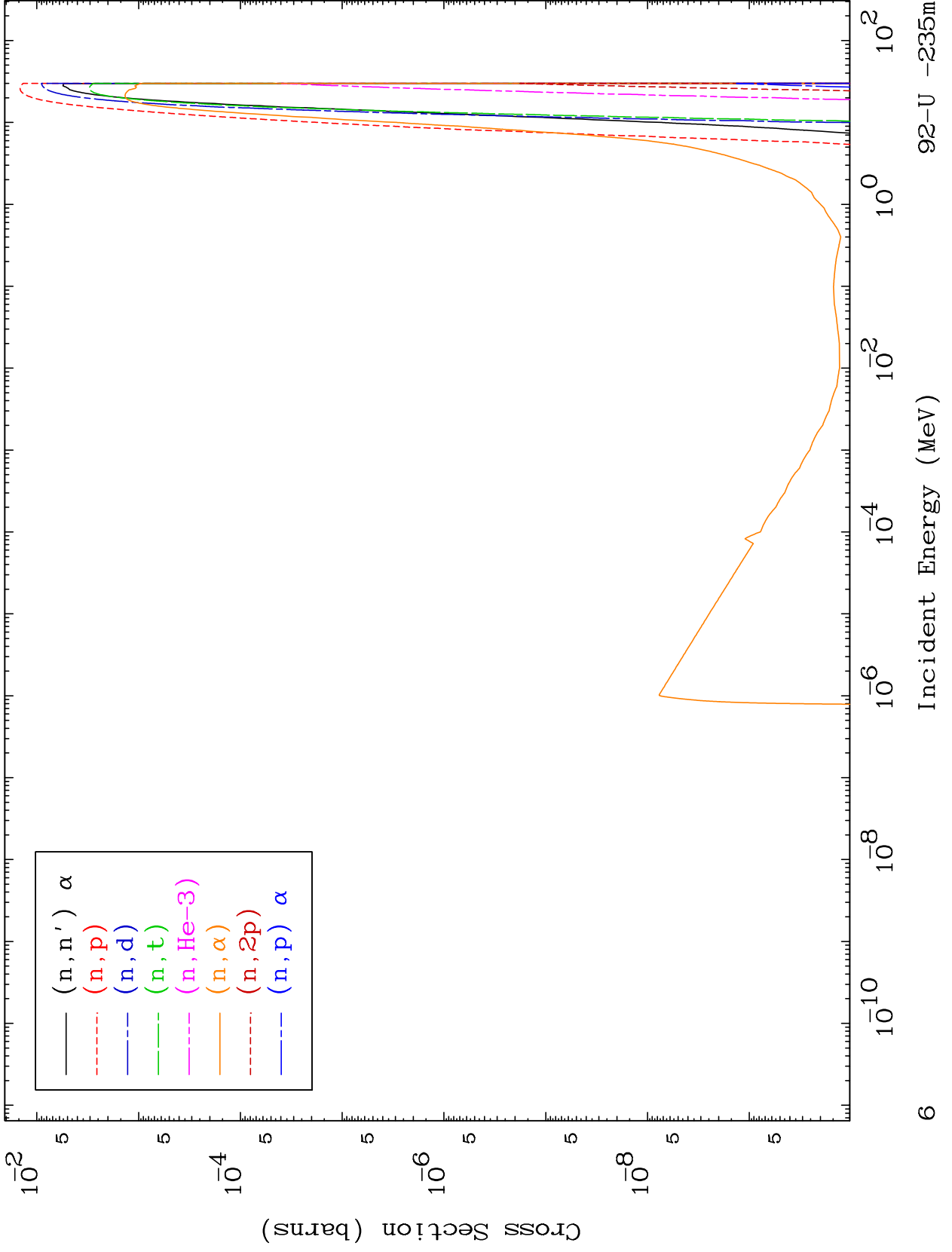
92-U -235m



MAT 9229

Charged Particle
293 Kelvin Cross Sections

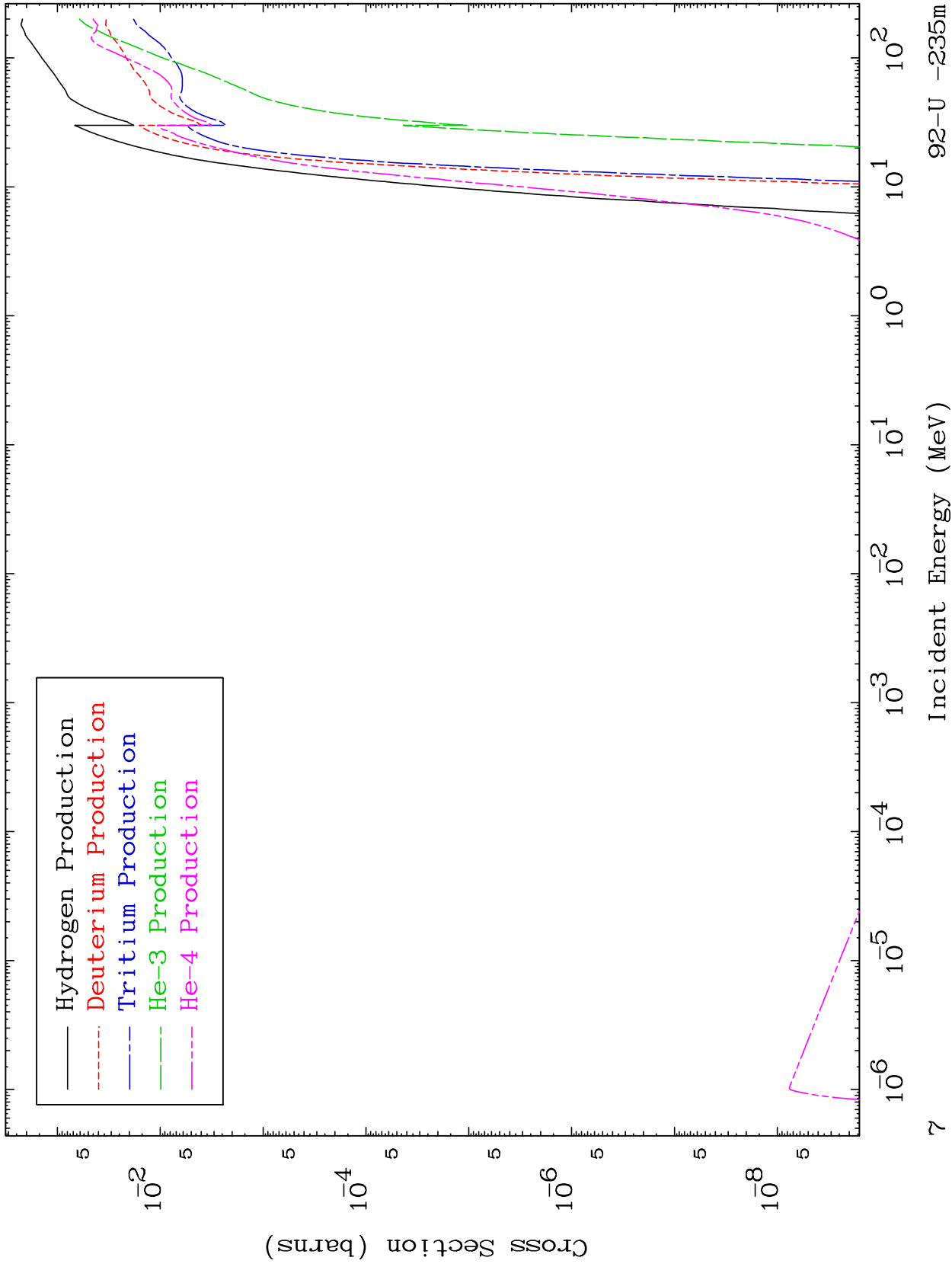
92-U -235m



MAT 9229

Particle Production
293 Kelvin Cross Sections

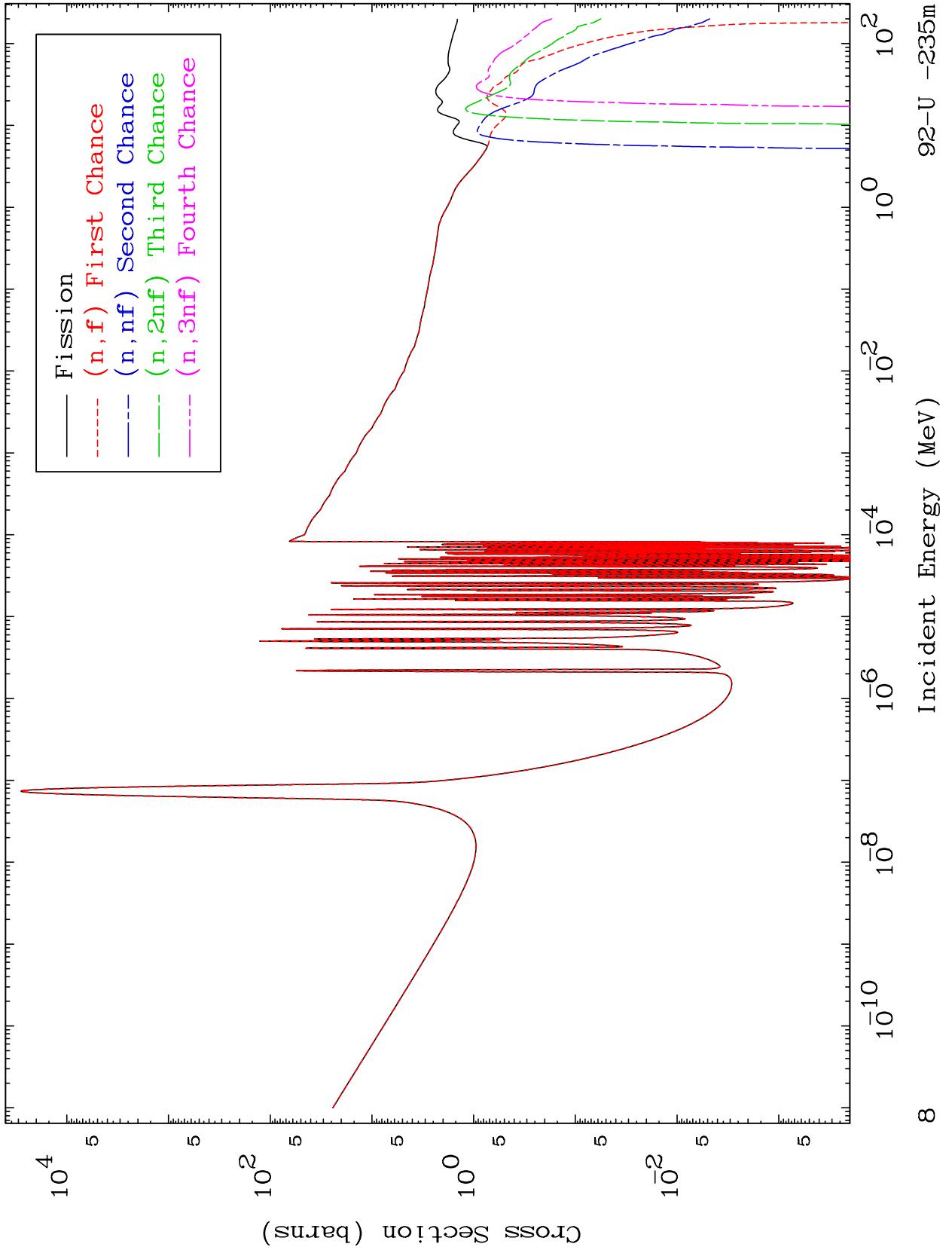
92-U -235m



MAT 9229

Fission
293 Kelvin Cross Sections

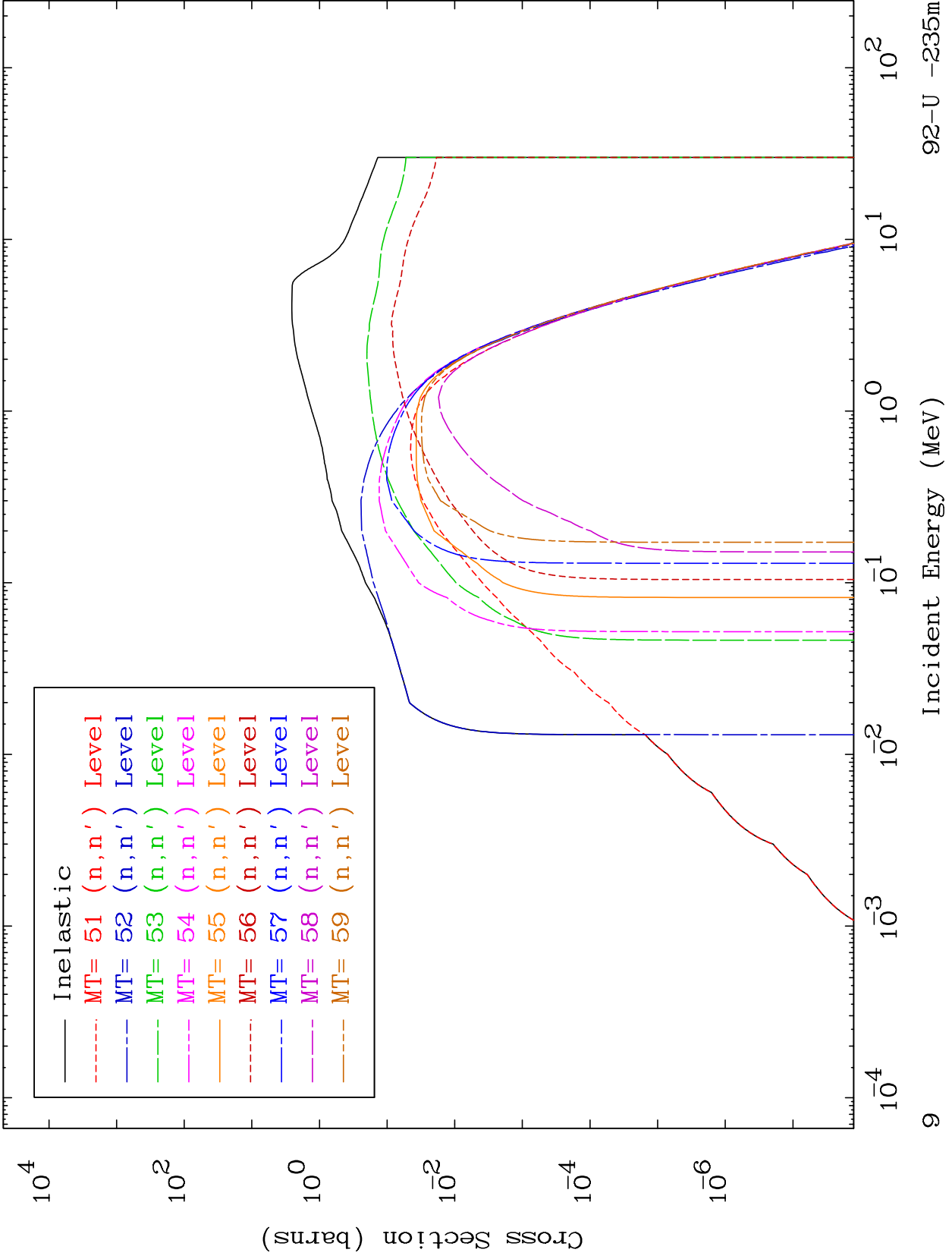
92-U -235m



MAT 9229

(n,n') Levels
293 Kelvin Cross Sections

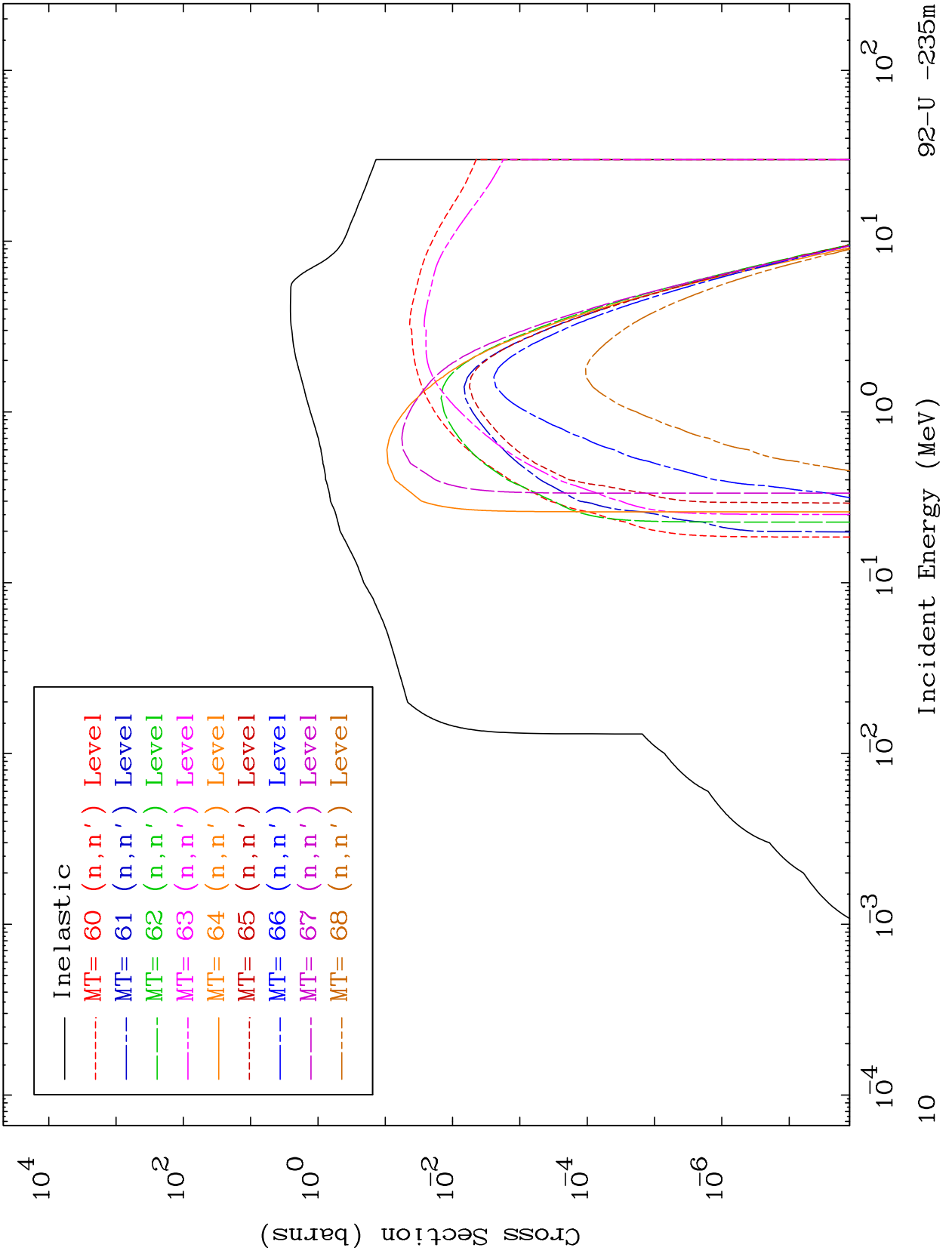
92-U -235m



MAT 9229

(n,n') Levels
293 Kelvin Cross Sections

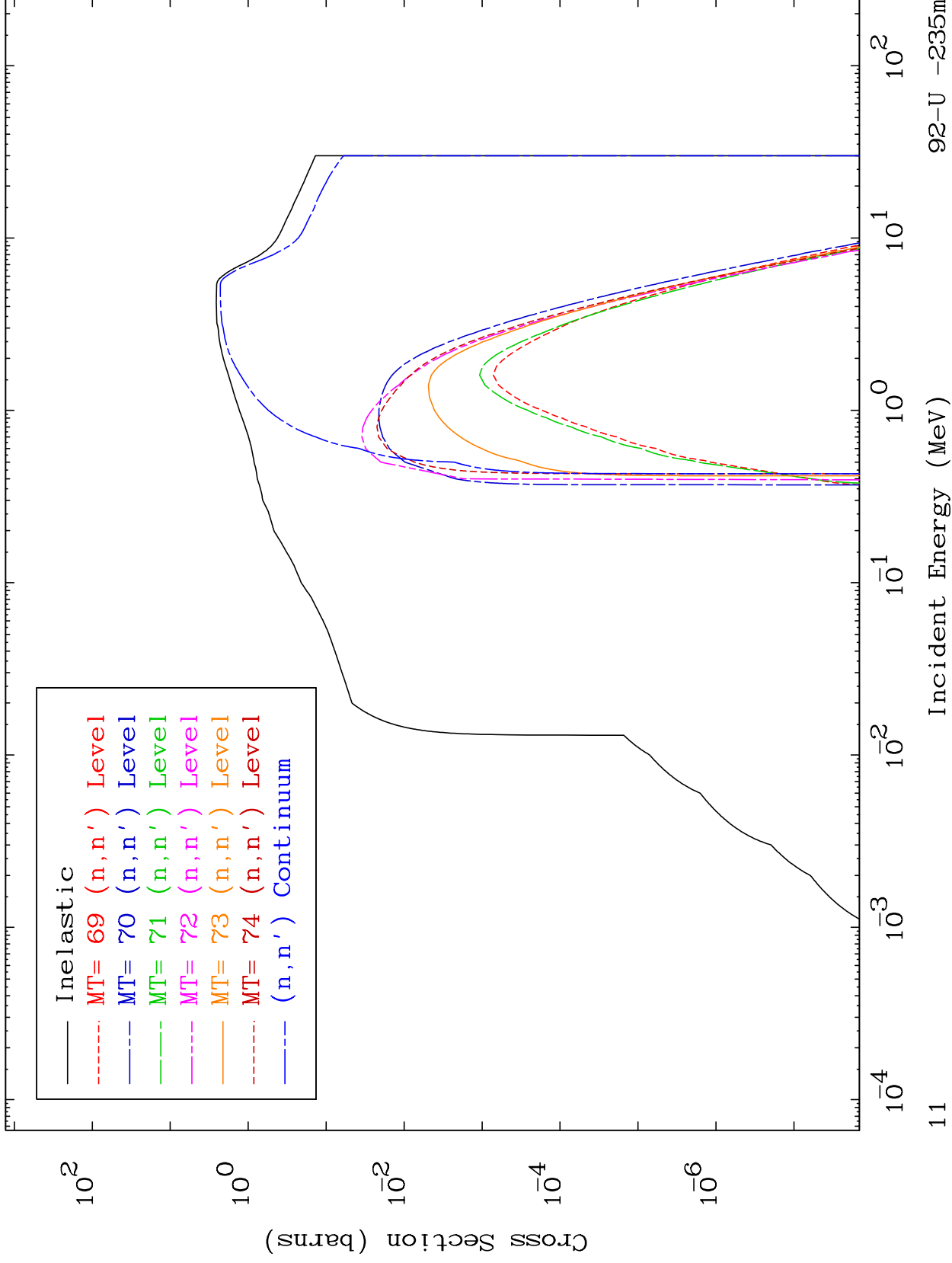
92-U -235m



MAT 9229

(n,n') Levels
293 Kelvin Cross Sections

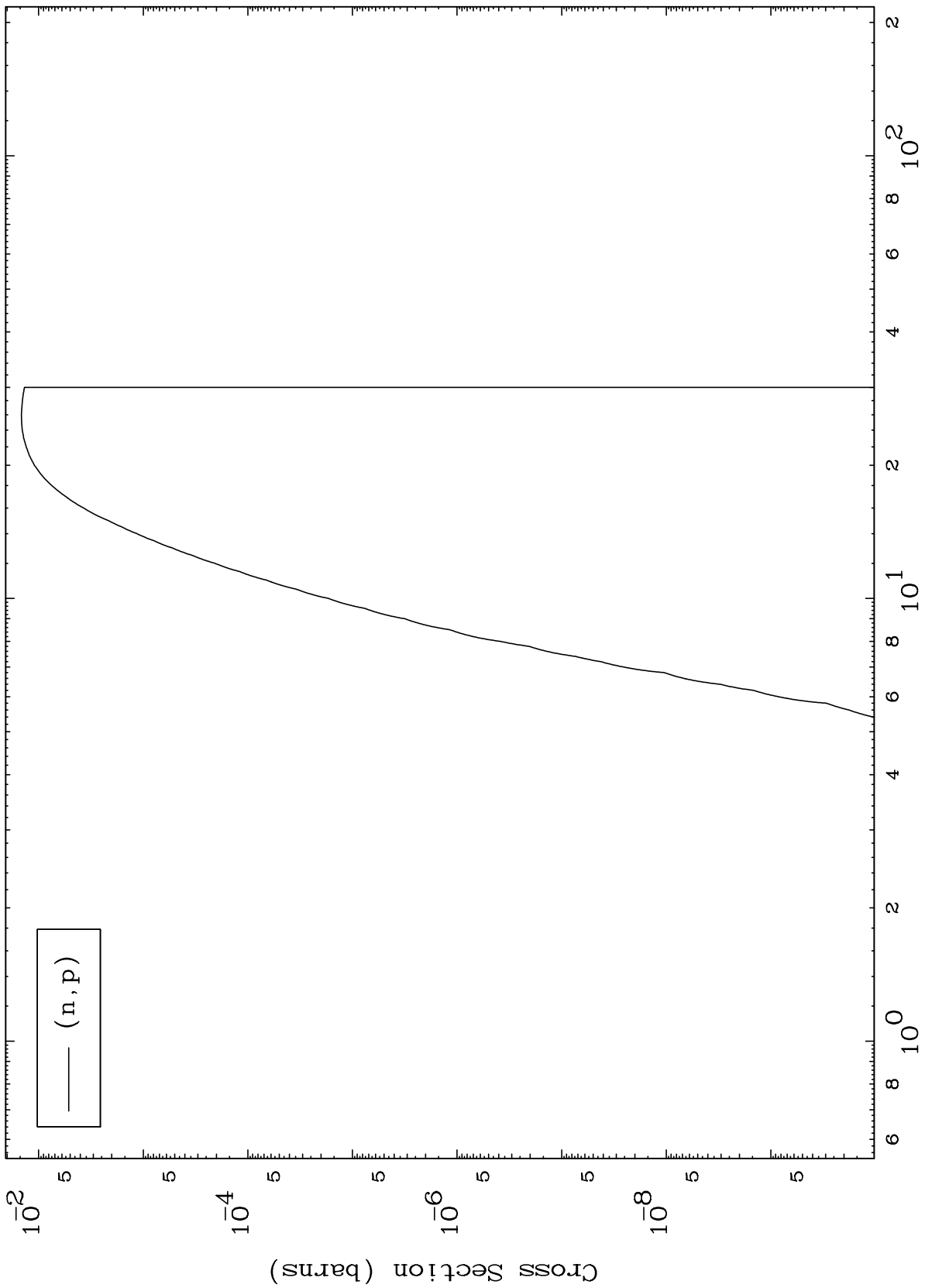
92-U -235m



MAT 9229

(n,p) Levels
293 Kelvin Cross Sections

92-U -235m



12

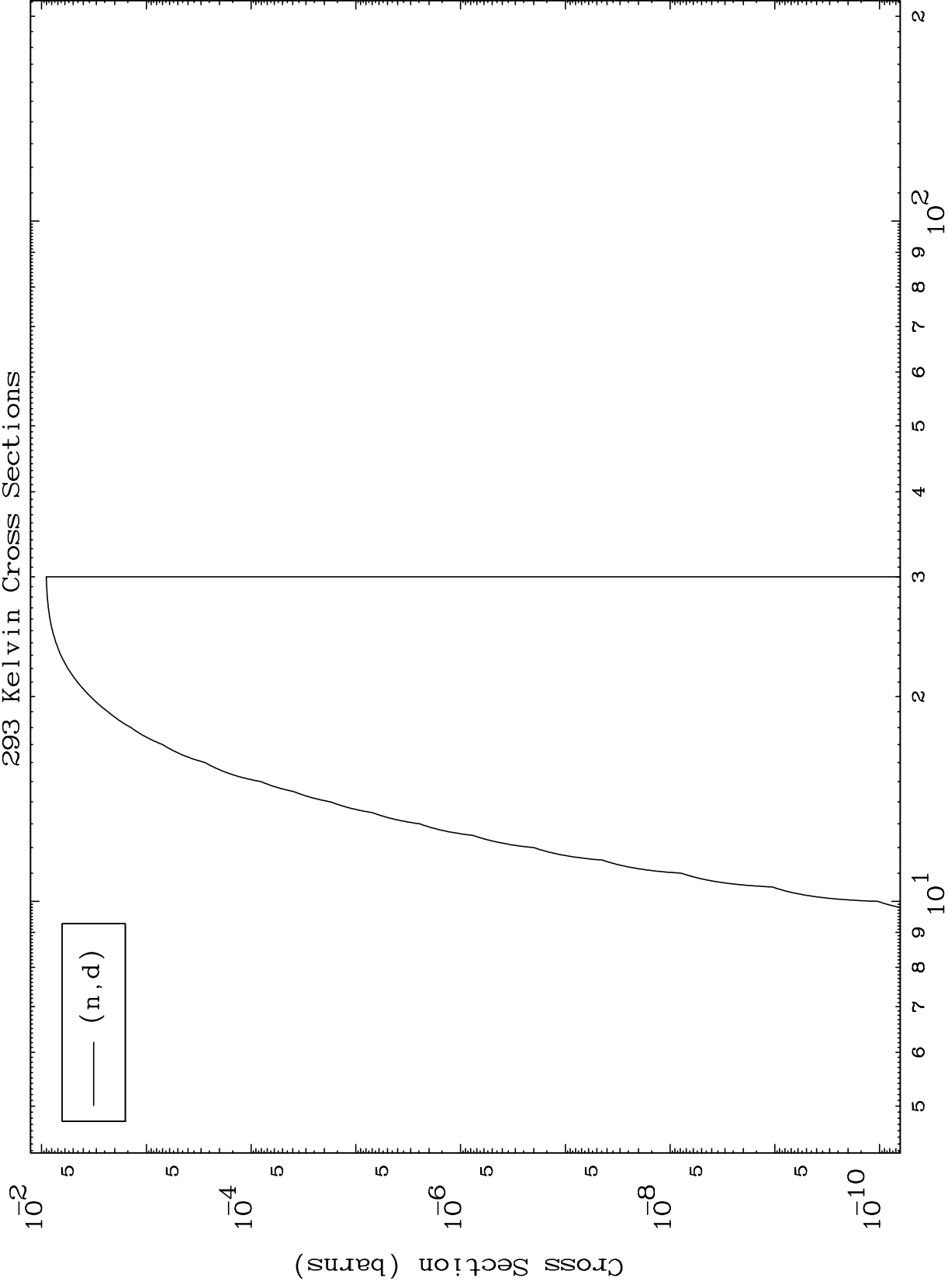
Incident Energy (MeV)

92-U -235m

MAT 9229

(n,d) Levels
293 Kelvin Cross Sections

92-U -235m



13

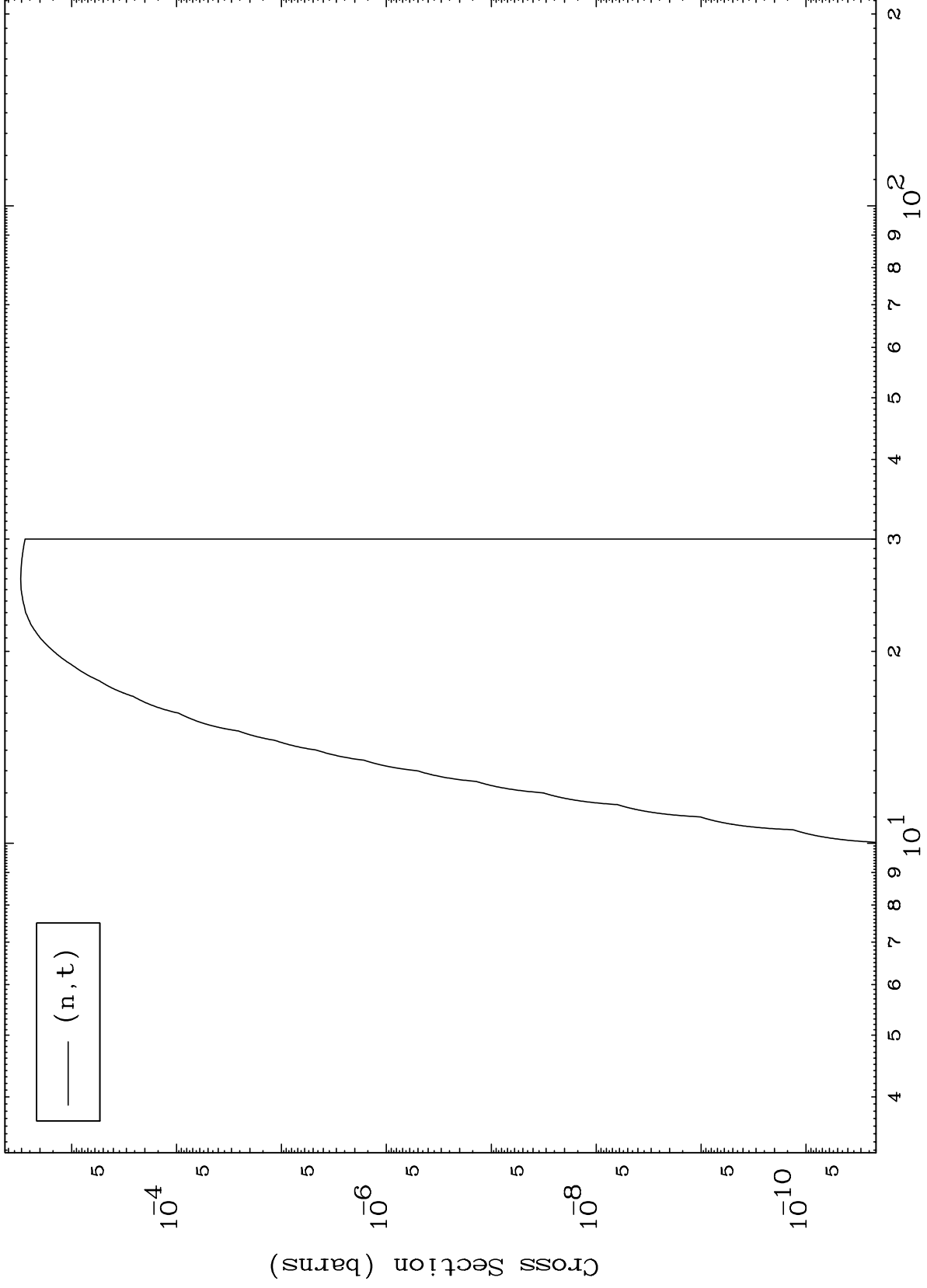
Incident Energy (MeV)

92-U -235m

MAT 9229

(n,t) Levels
293 Kelvin Cross Sections

92-U -235m



14

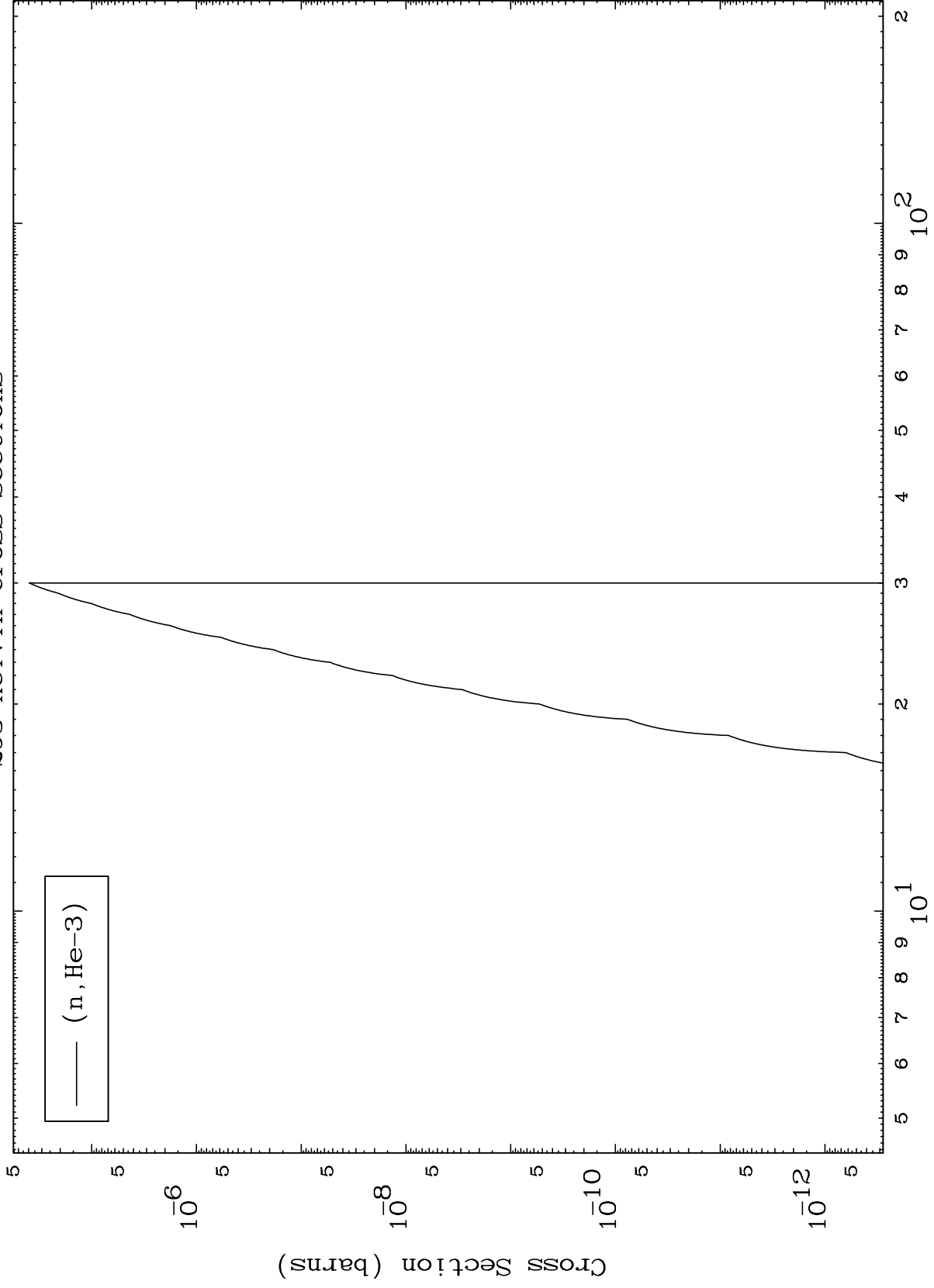
Incident Energy (MeV)

92-U -235m

MAT 9229

(n,He3) Levels
293 Kelvin Cross Sections

92-U -235m



15

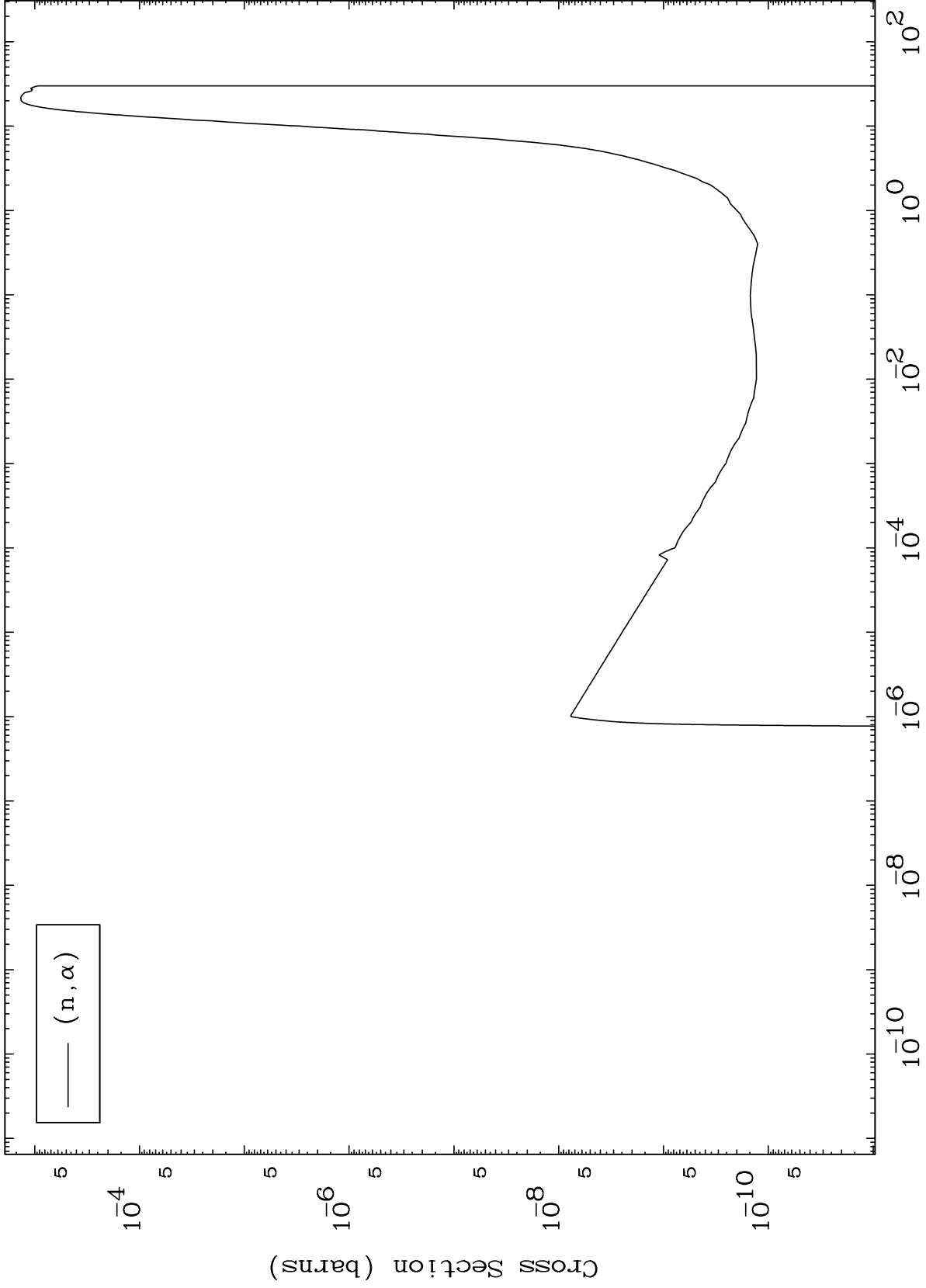
Incident Energy (MeV)

92-U -235m

MAT 9229

(n, α) Levels
293 Kelvin Cross Sections

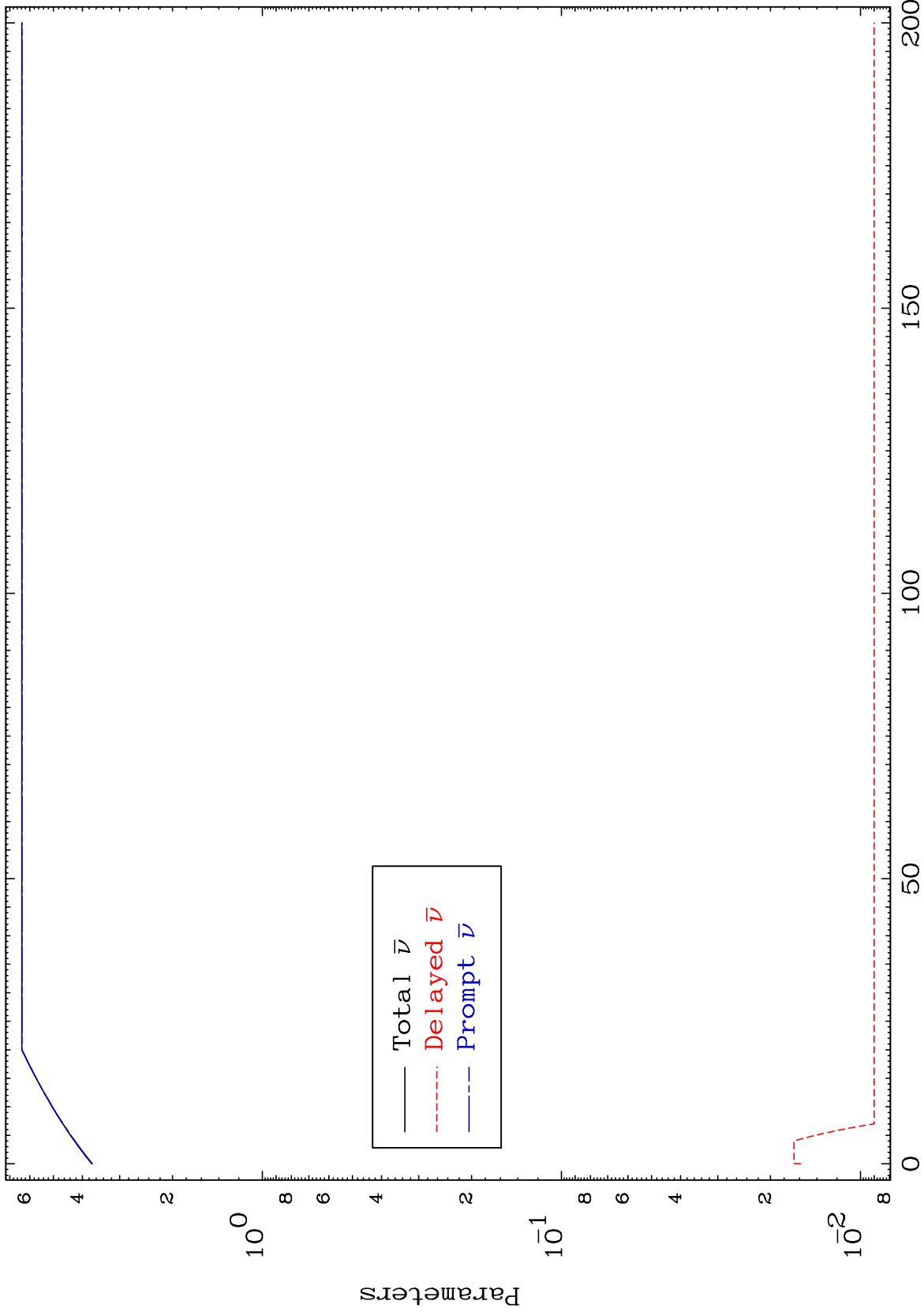
92-U -235m



MAT 9229

Energy Release
Parameters

92-U -235m



17

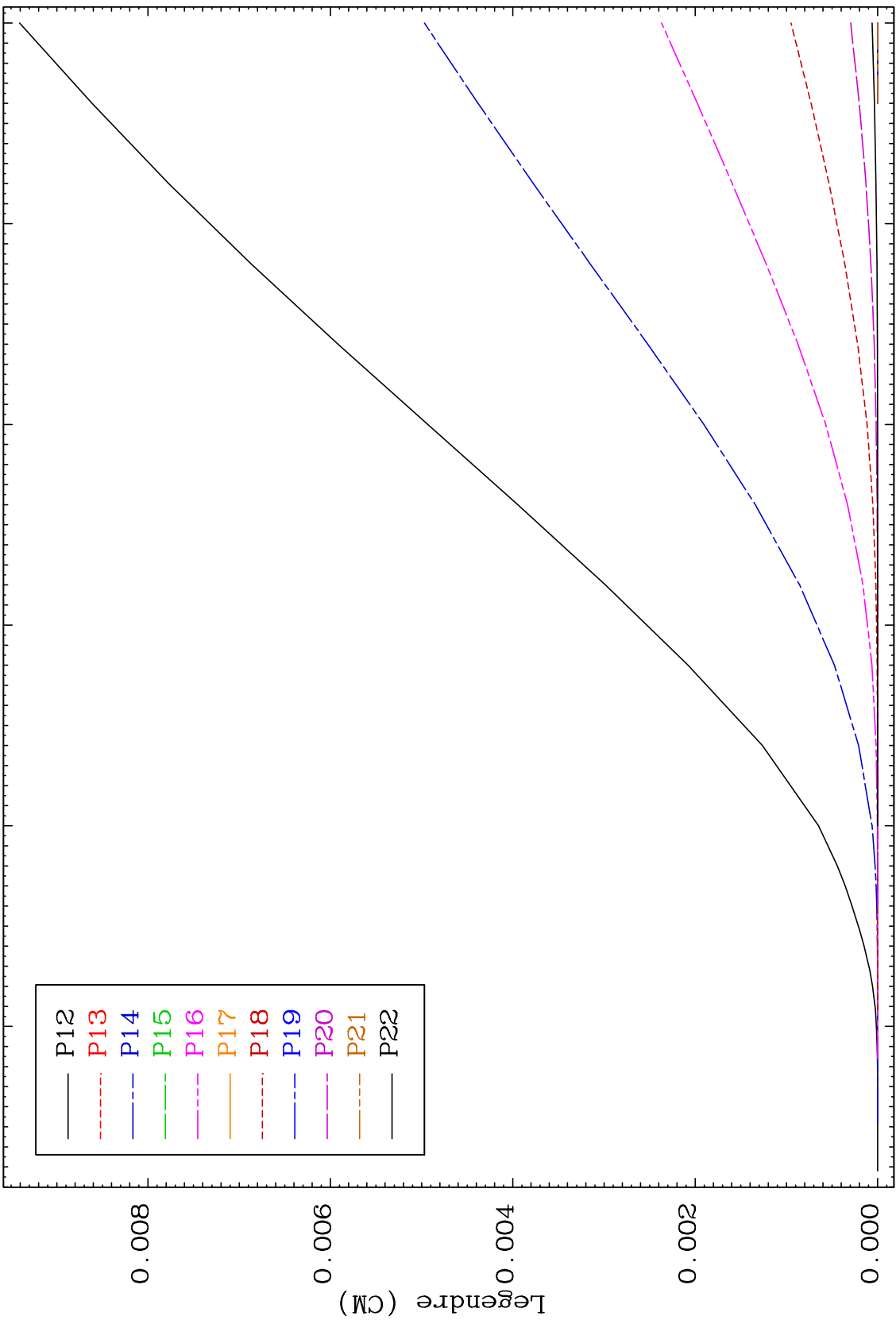
Incident Energy (MeV)

92-U -235m

MAT 9229

Elastic Legendre Coefficients

92-U -235m



19

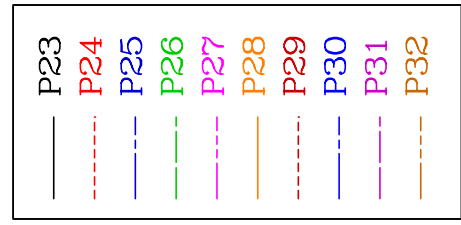
92-U -235m

Incident Energy (MeV)

MAT 9229

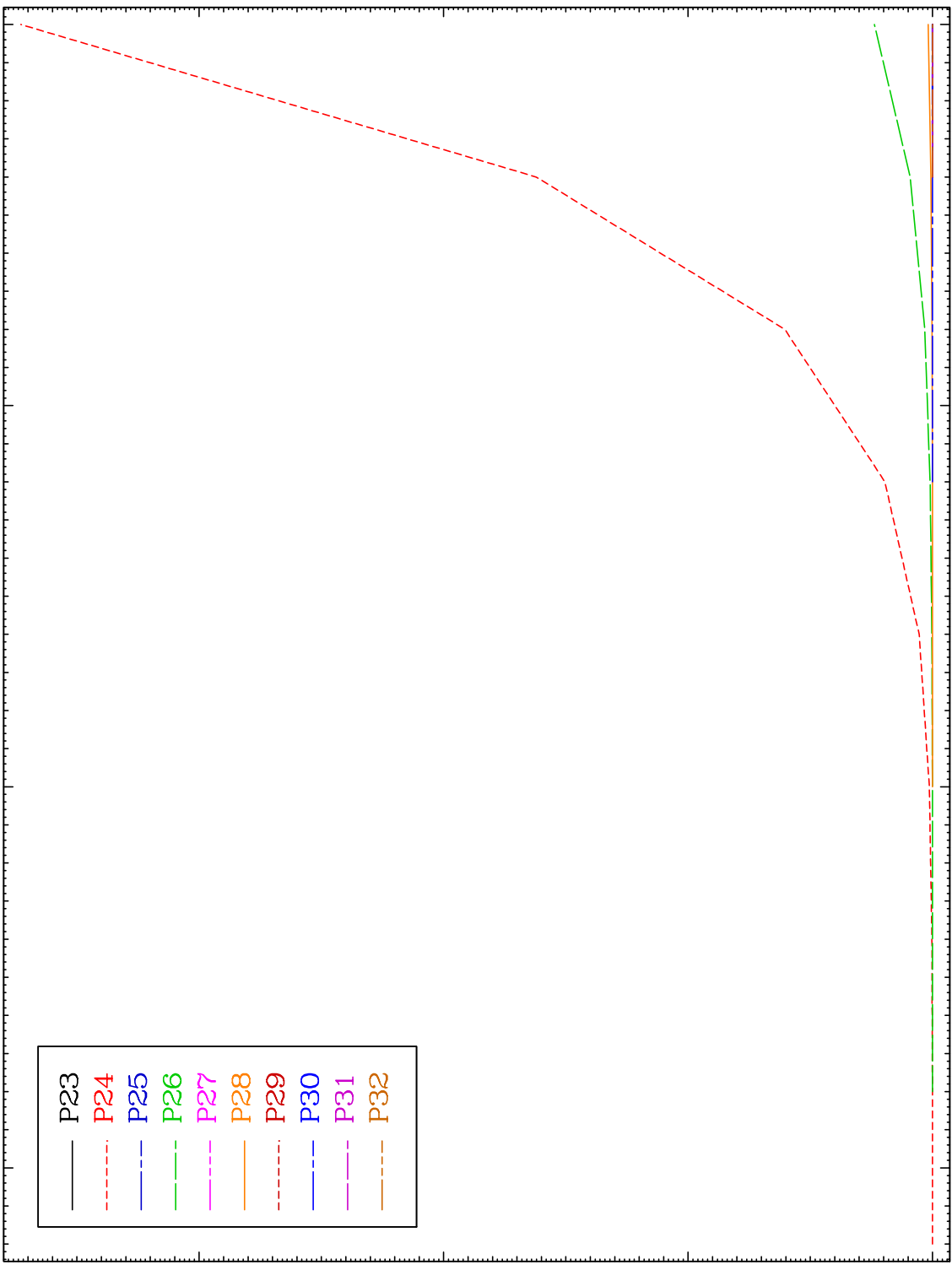
Elastic Legendre Coefficients

92-U -235m



$\times 10^{-6}$

Legendre (CM)



20

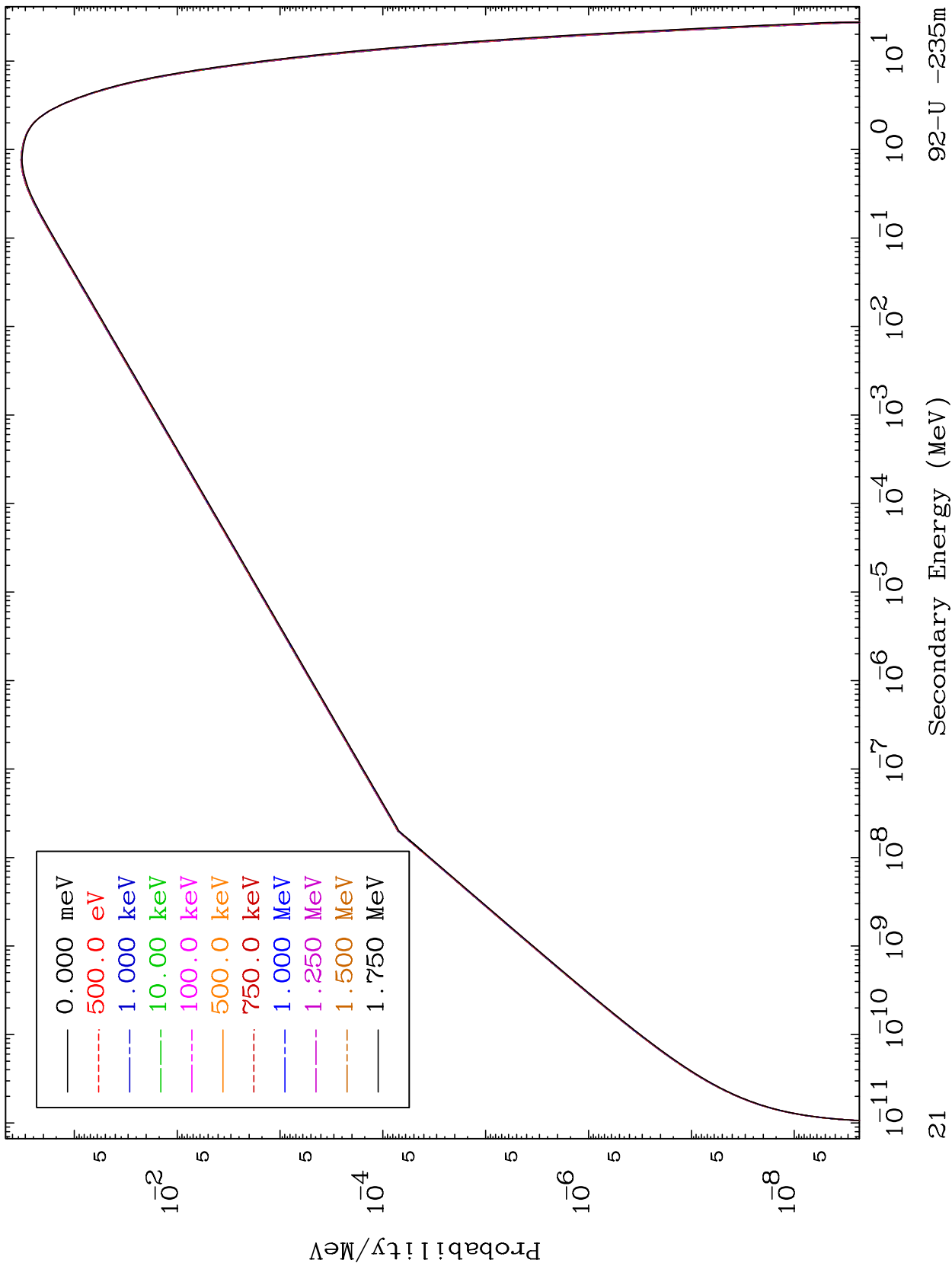
Incident Energy (MeV)

92-U -235m

MAT 9229

Fission Energy Distributions

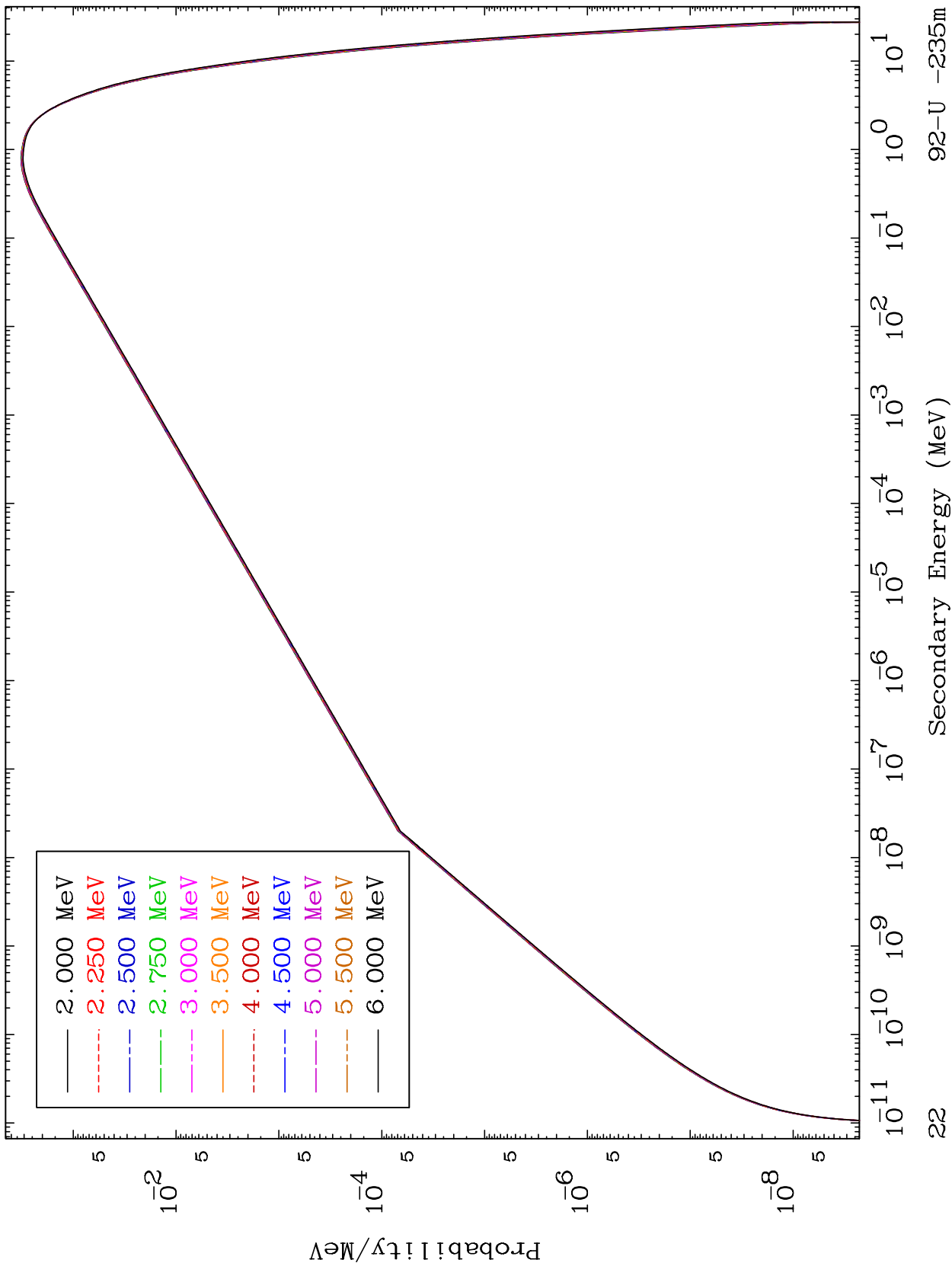
92-U -235m



MAT 9229

Fission Energy Distributions

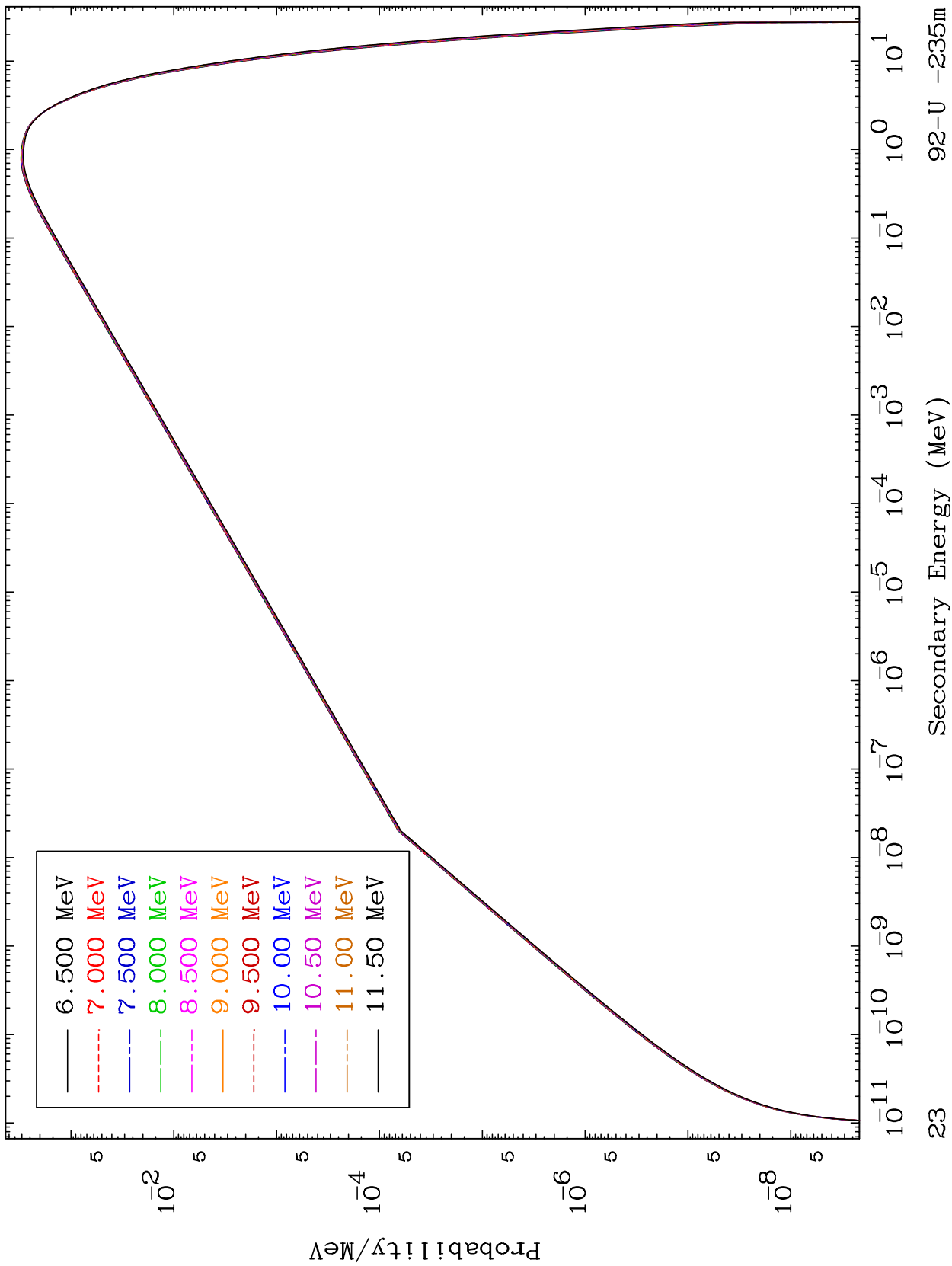
92-U -235m



MAT 9229

Fission Energy Distributions

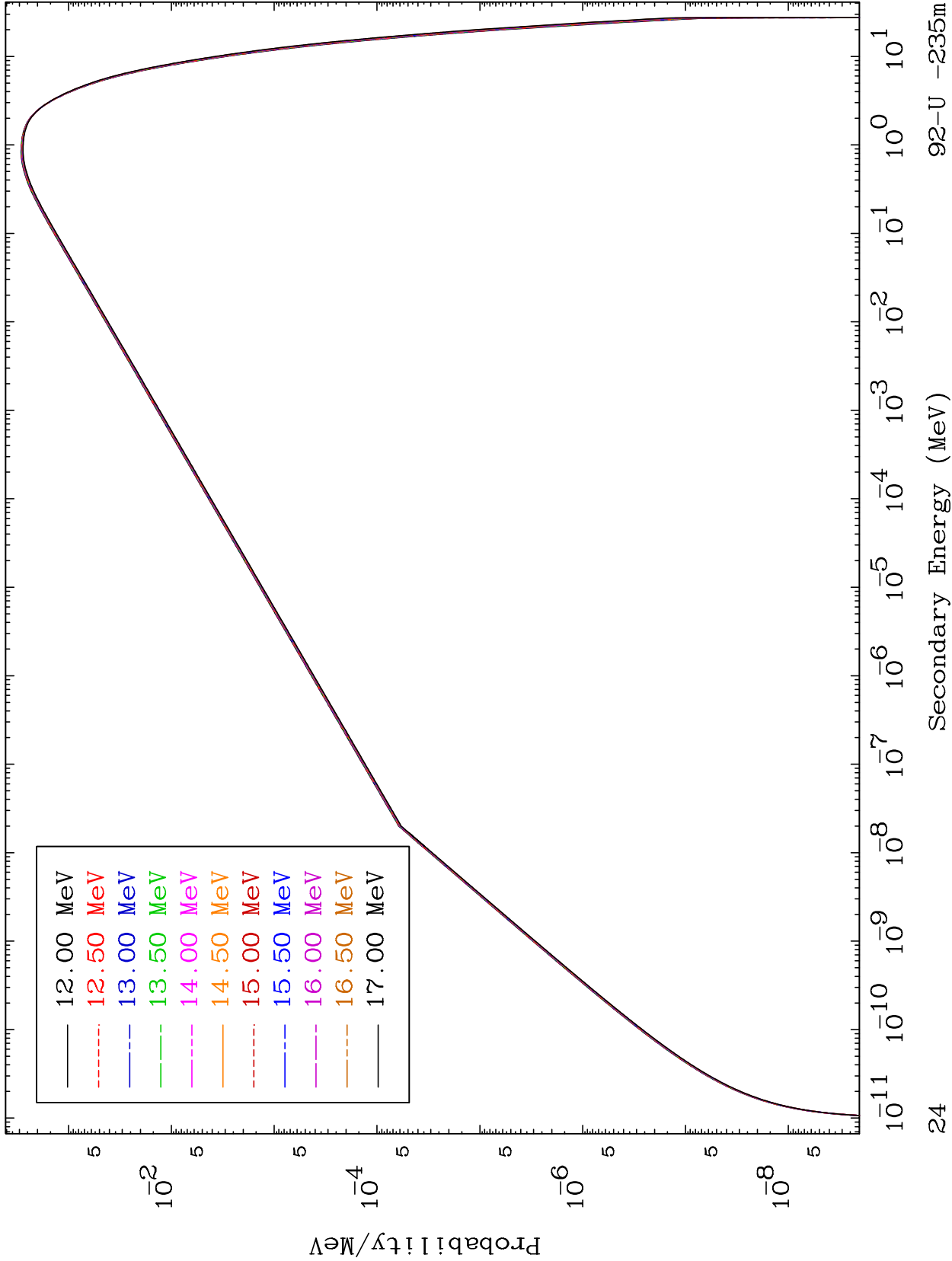
92-U -235m



MAT 9229

Fission Energy Distributions

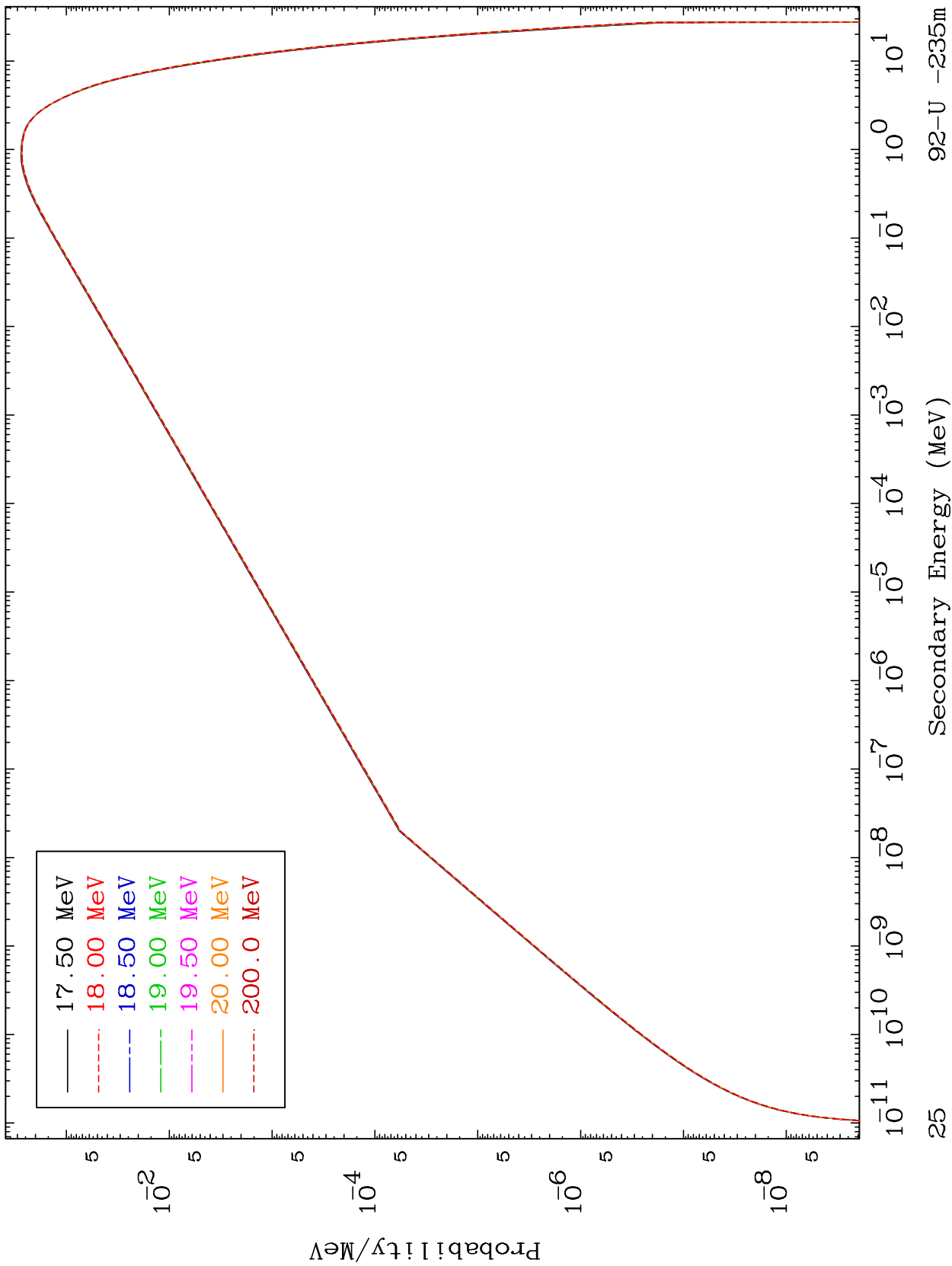
92-U -235m



MAT 9229

Fission Energy Distributions

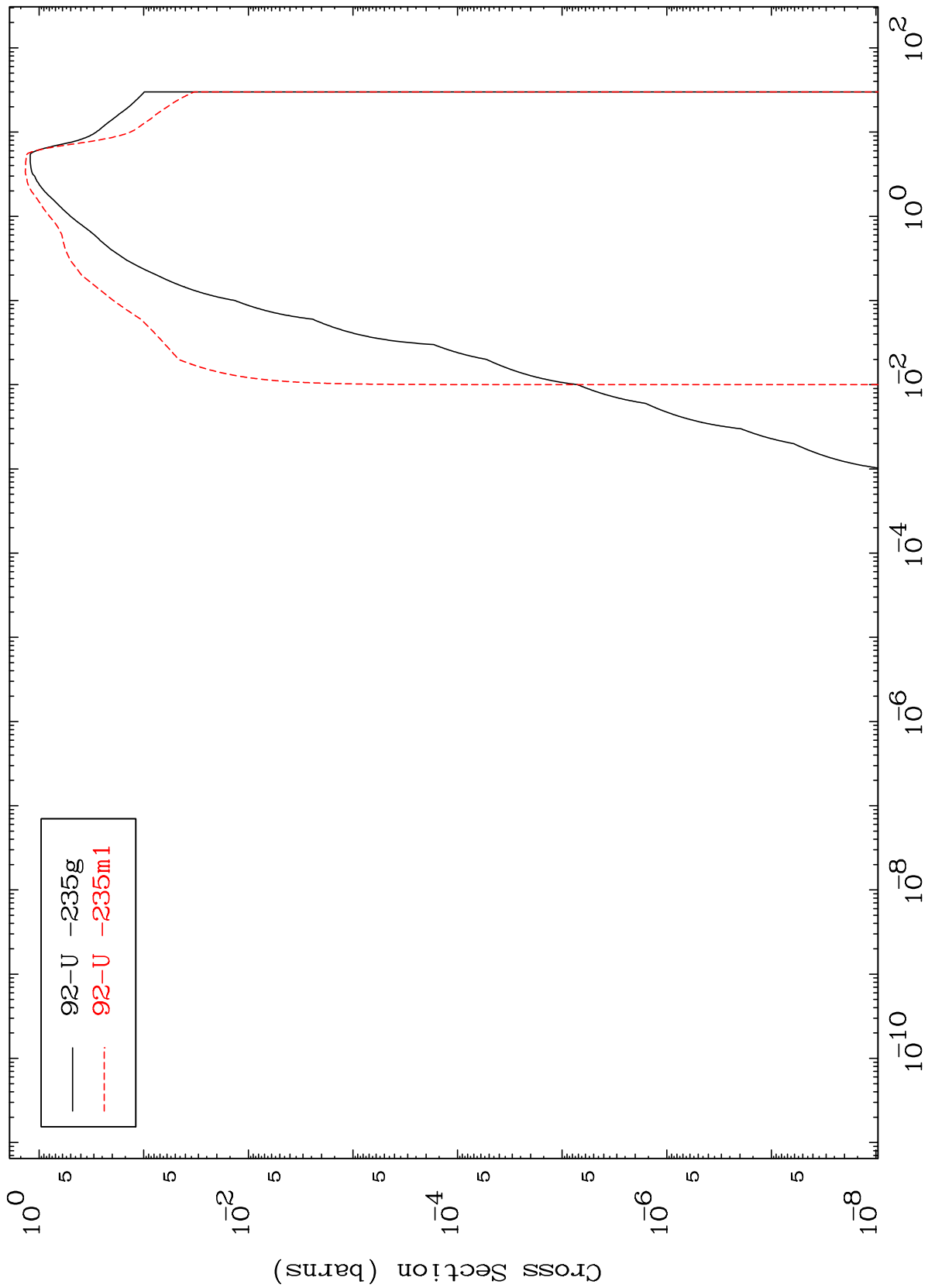
92-U -235m



MAT 9229

92-U -235m

Inelastic
Radionuclide Production Cross Section



92-U -235g
92-U -235m1

92-U -235m

Incident Energy (MeV)

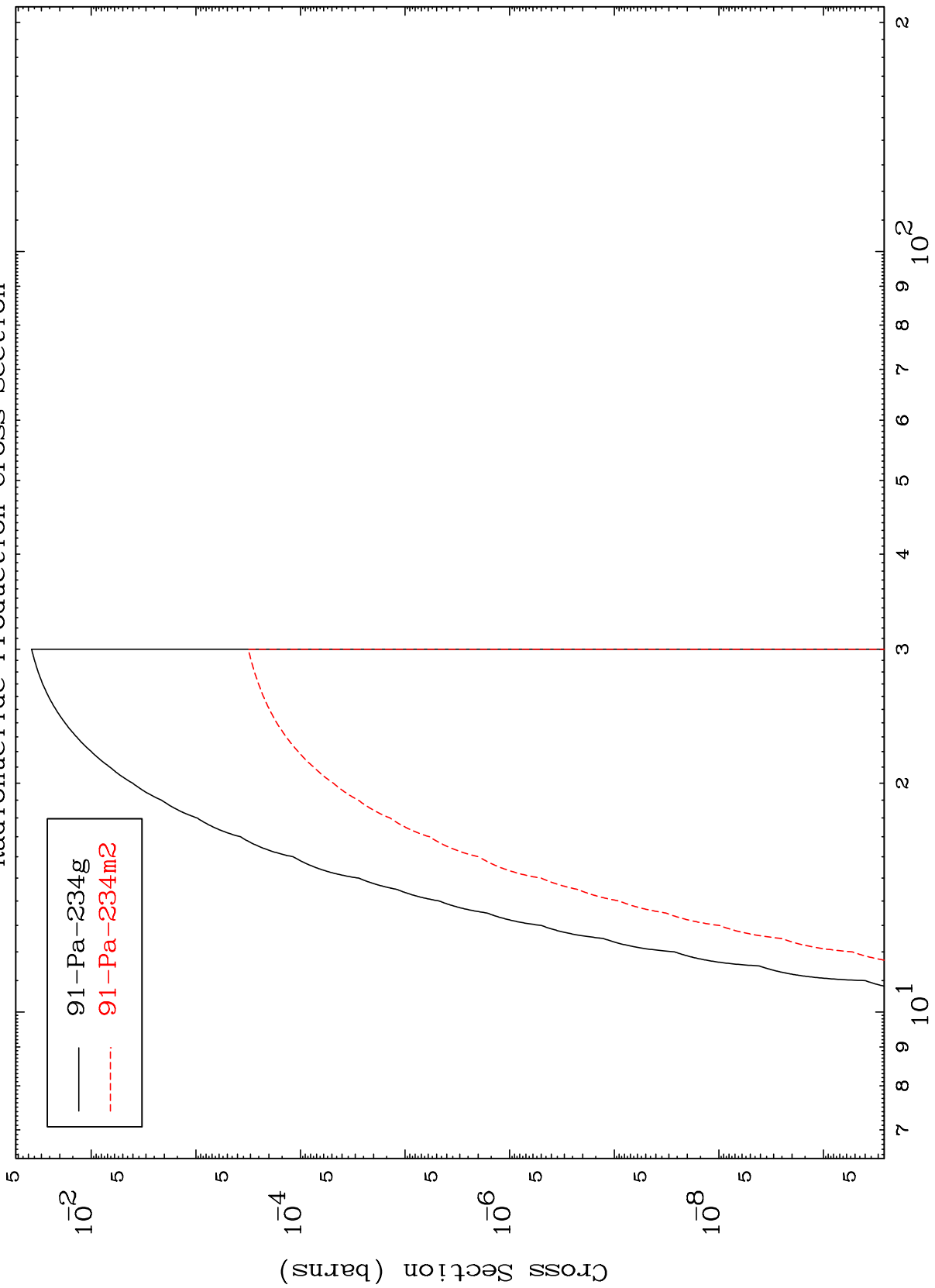
26

MAT 9229

(n,n') p

92-U -235m

Radionuclide Production Cross Section



— 91-Pa-234g
- - - 91-Pa-234m2

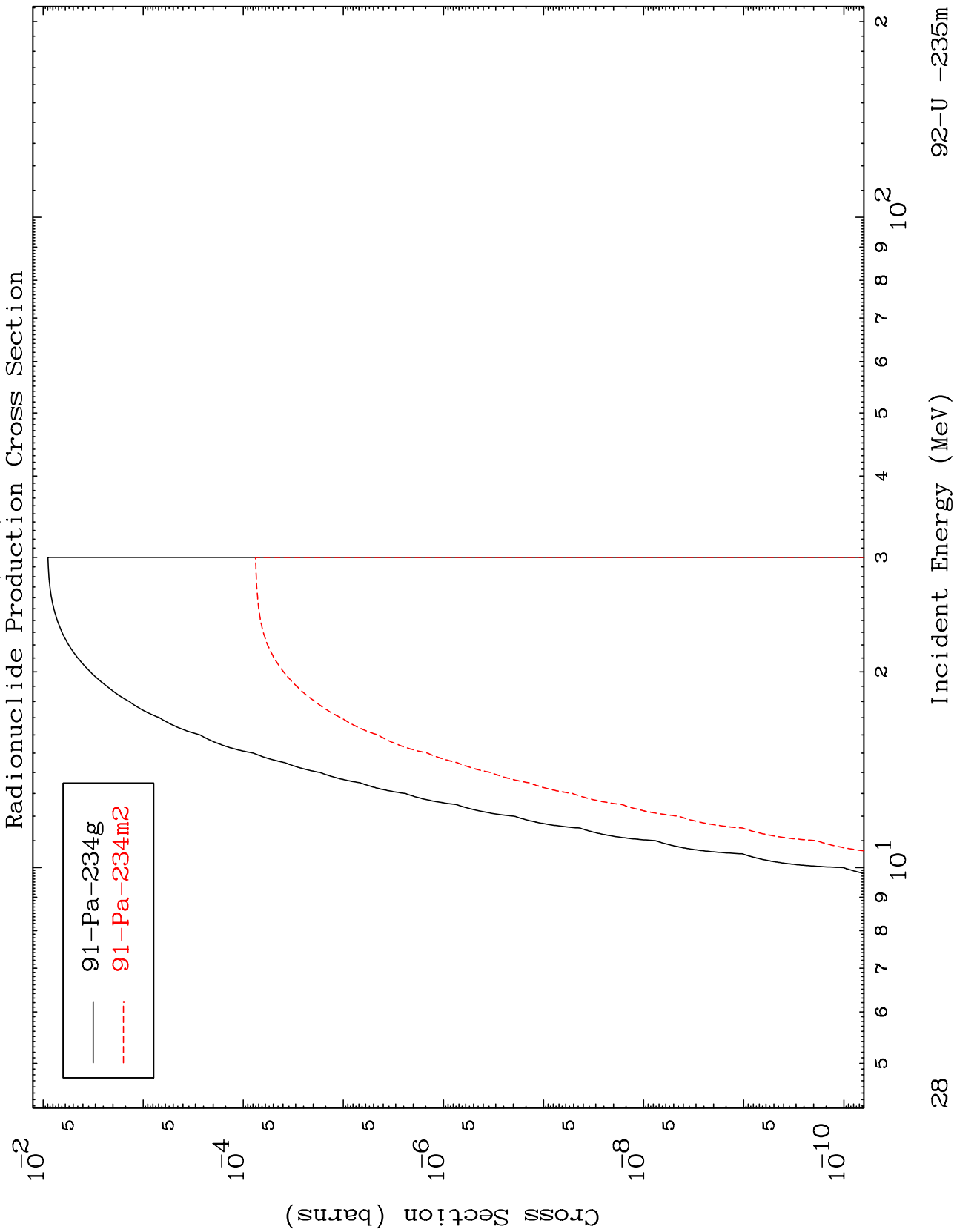
27

Incident Energy (MeV)

92-U -235m

MAT 9229

92-U -235m



92-U -235m

Incident Energy (MeV)

28