

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

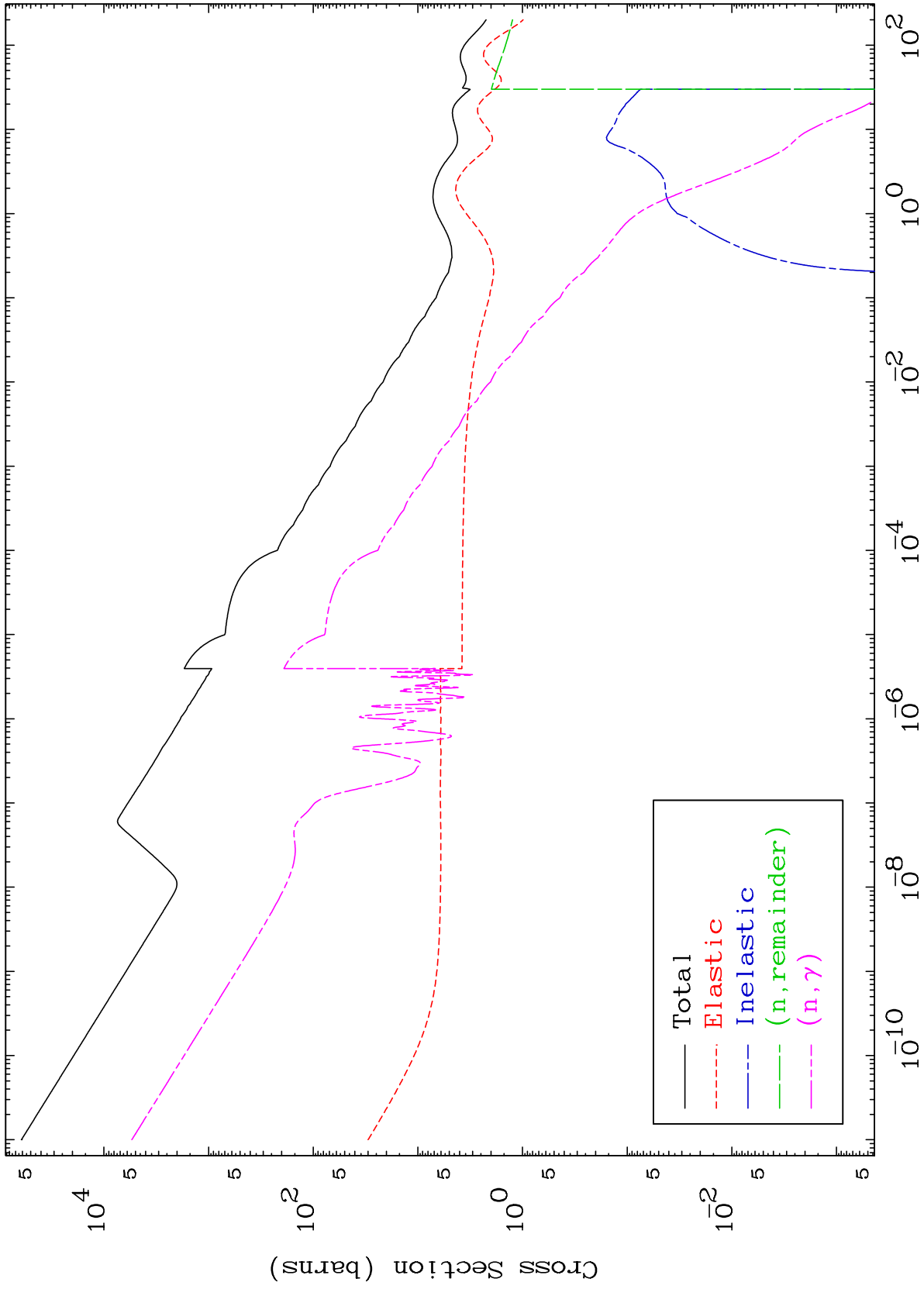
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6380

Major
293 Kelvin Cross Sections

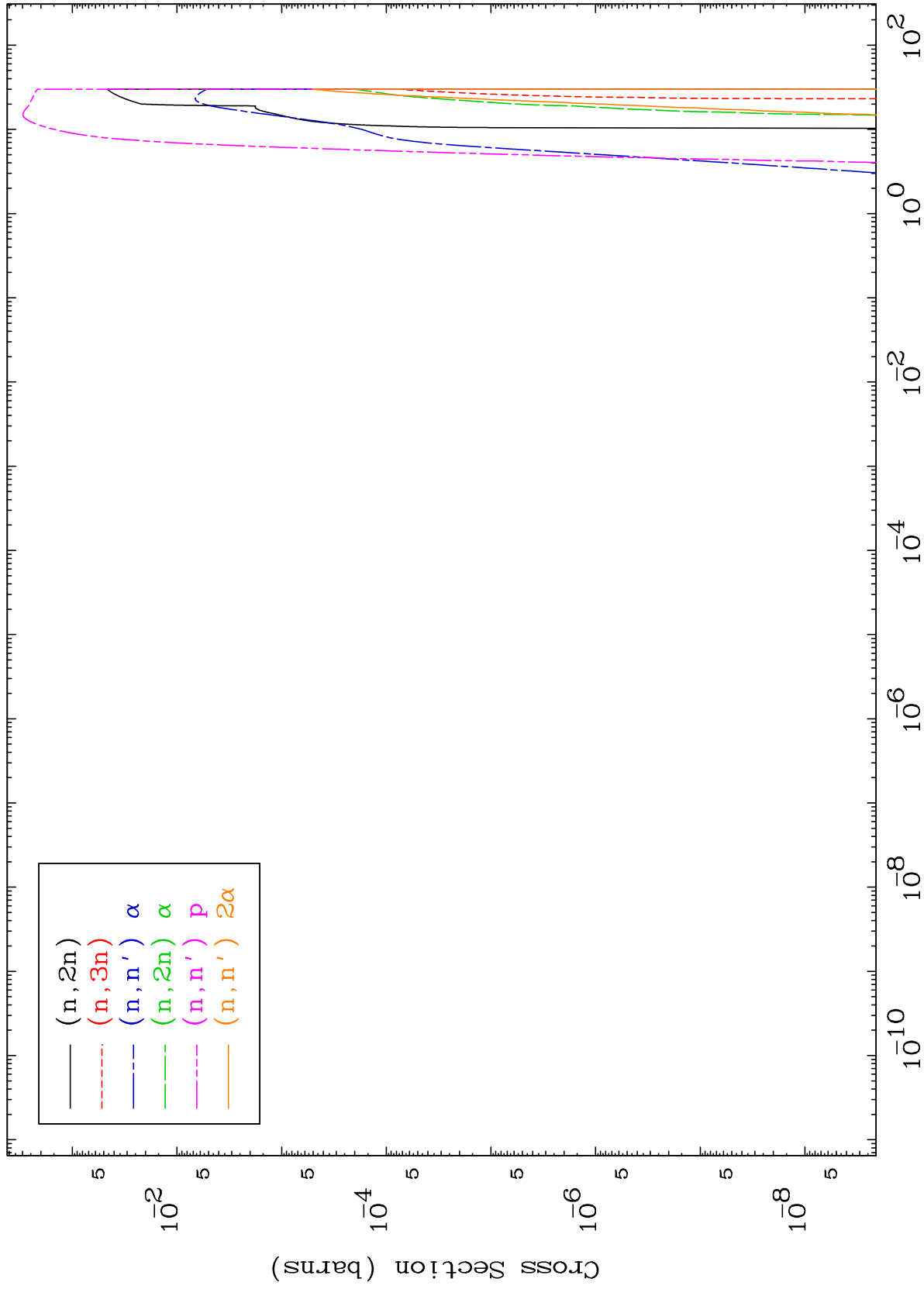
64-Gd-137

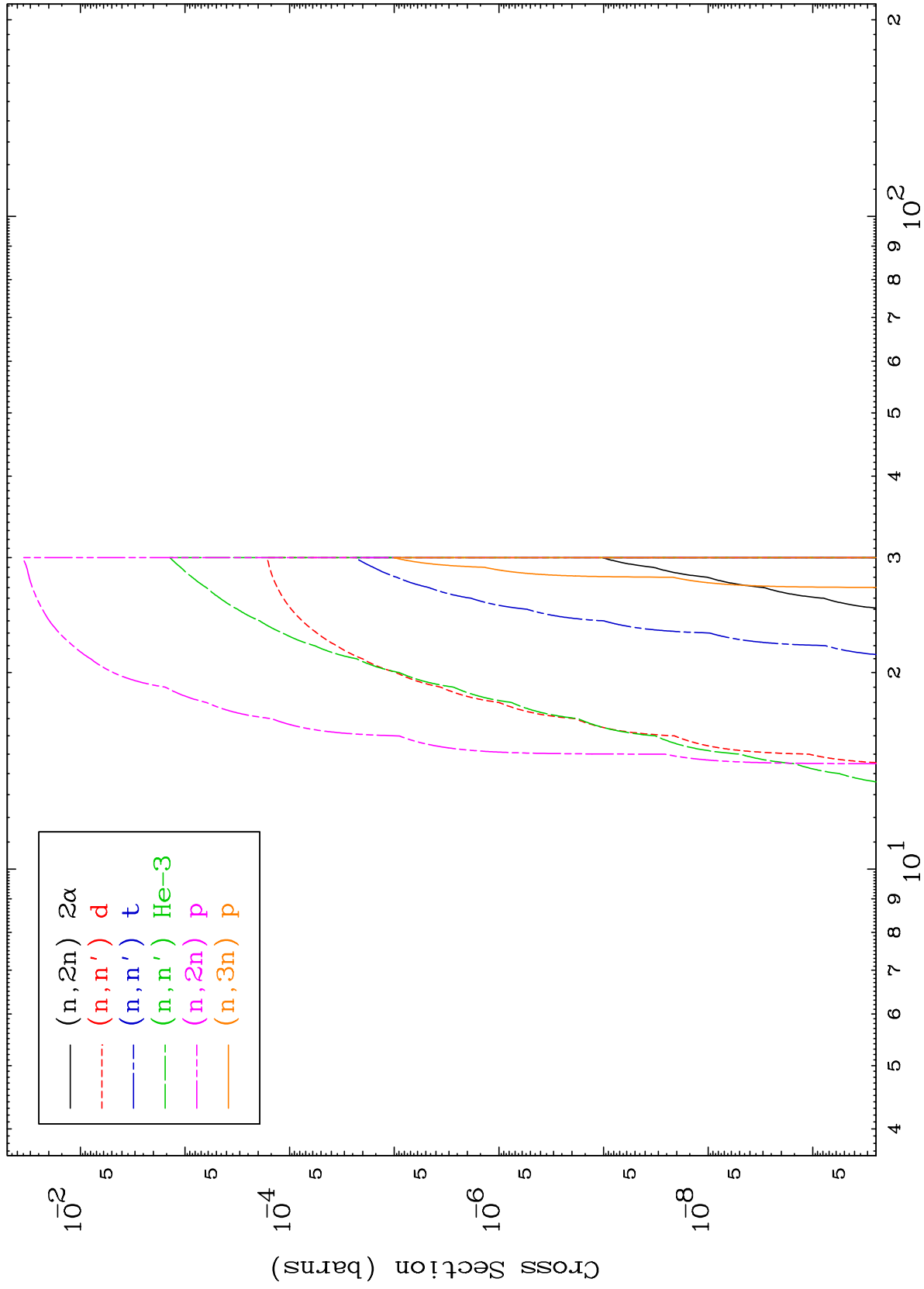


MAT 6380

Neutron Production
293 Kelvin Cross Sections

64-Gd-137

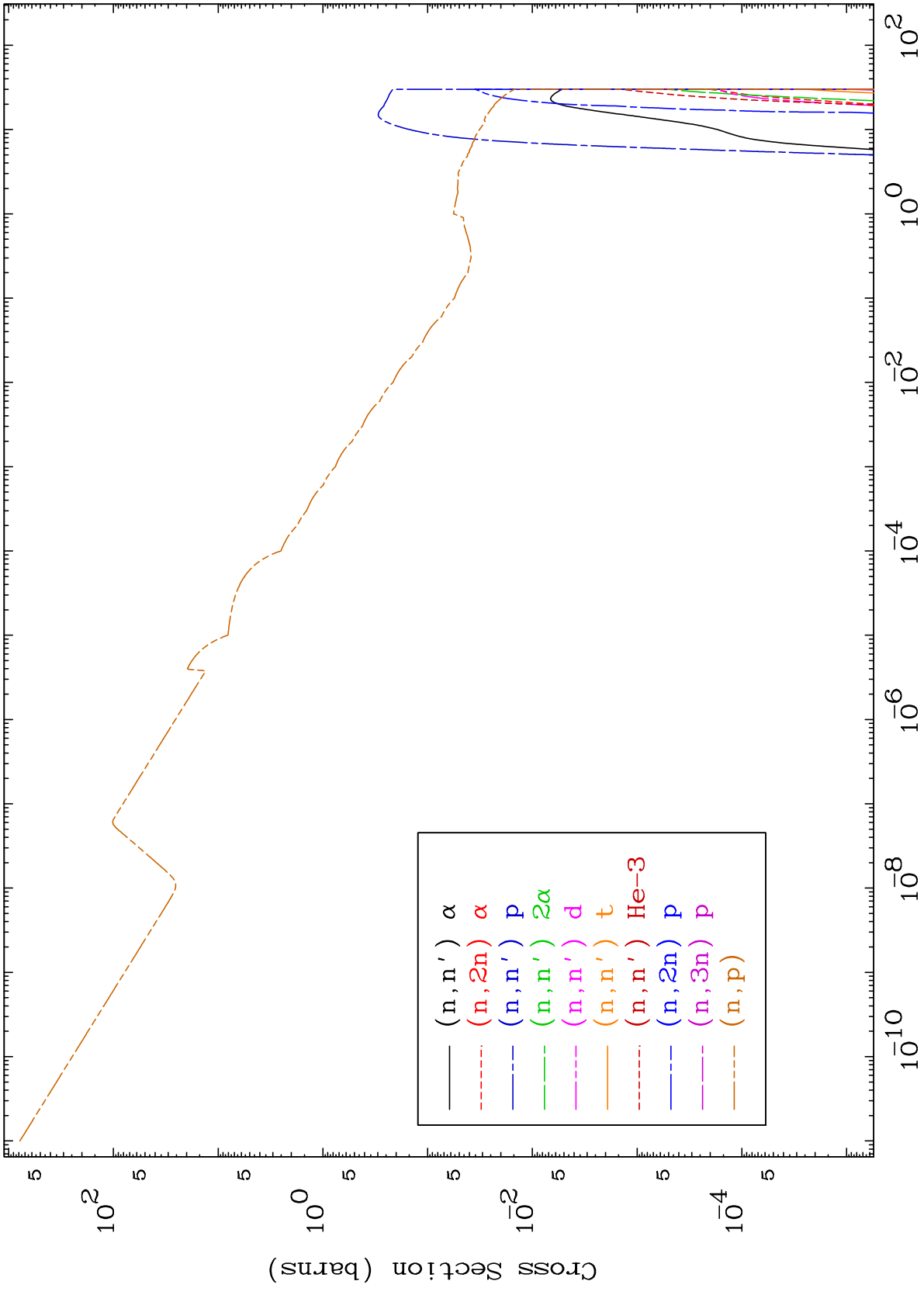




MAT 6380

Charged Particle
293 Kelvin Cross Sections

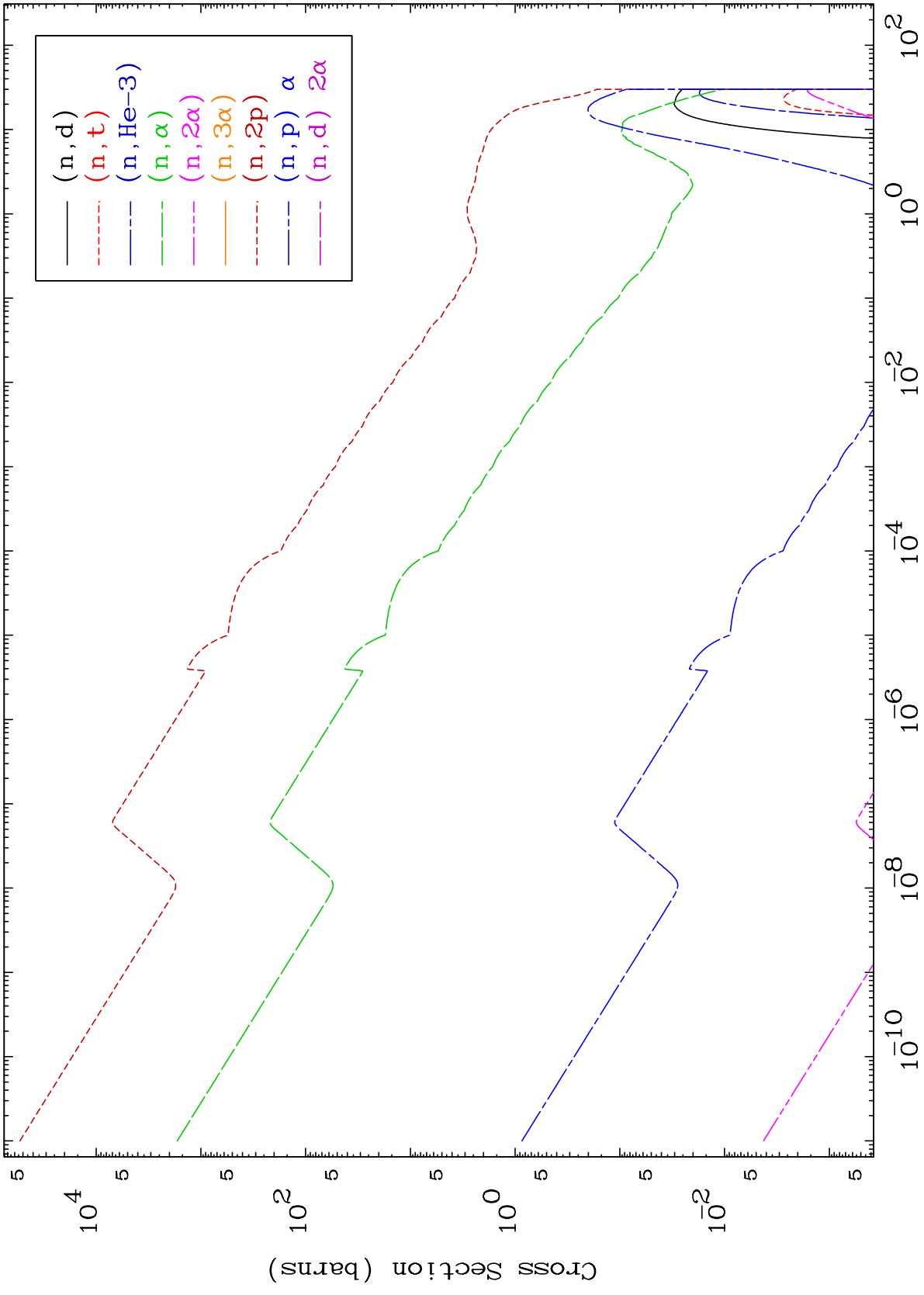
64-Gd-137



MAT 6380

Charged Particle
293 Kelvin Cross Sections

64-Gd-137



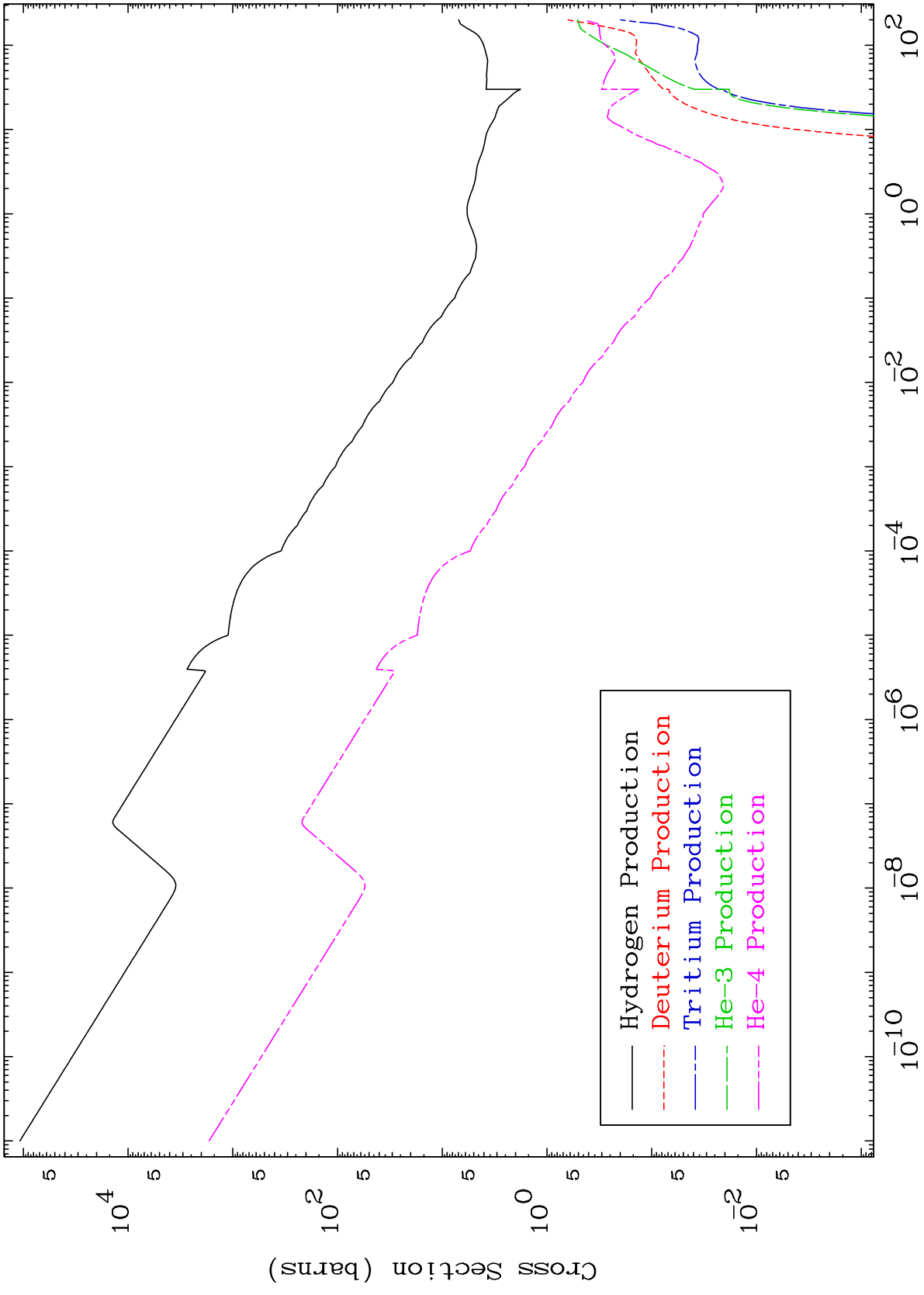
5

64-Gd-137

MAT 6380

Particle Production
293 Kelvin Cross Sections

64-Gd-137

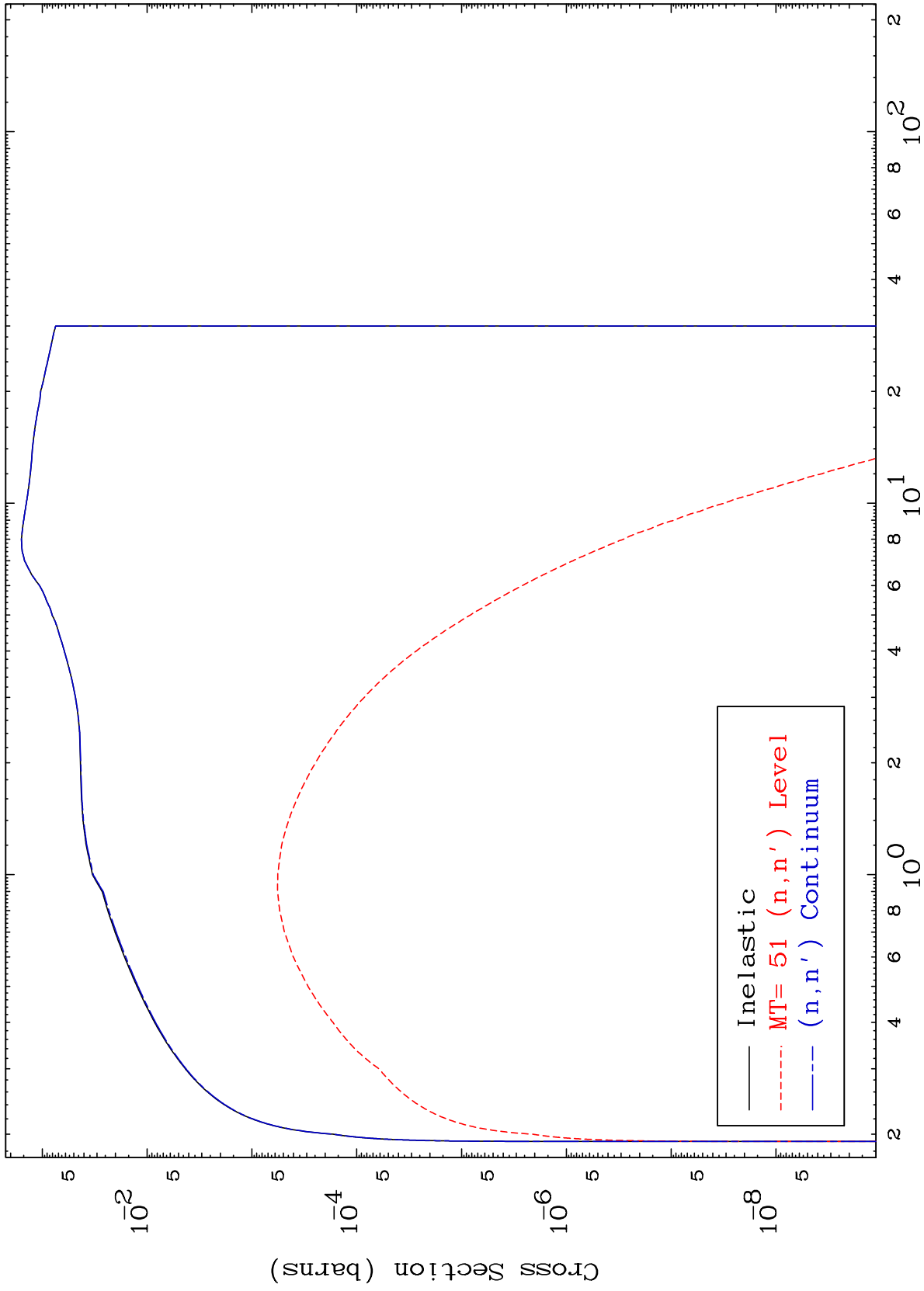


64-Gd-137

MAT 6380

(n,n') Level
293 Kelvin Cross Sections

64-Gd-137



7

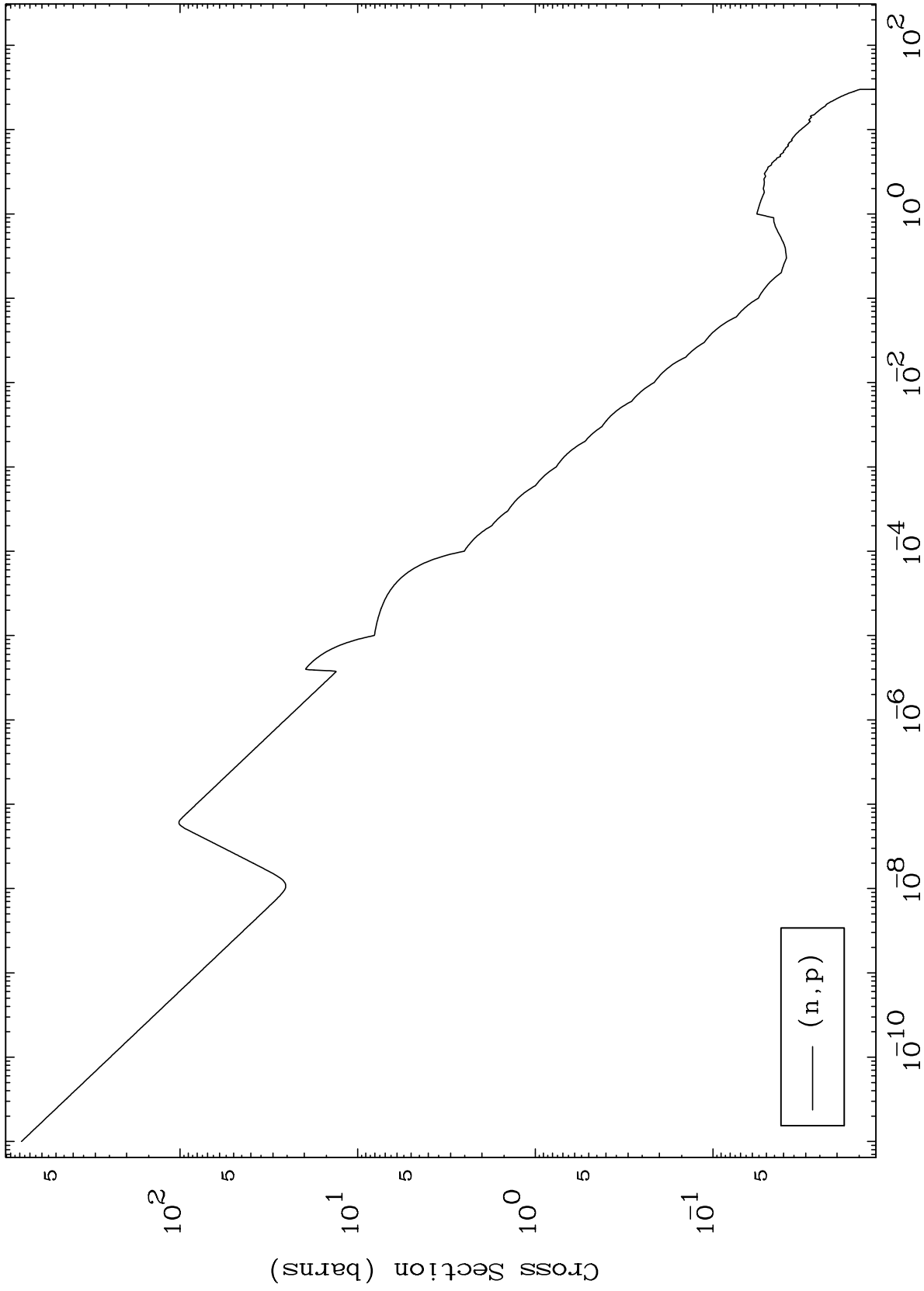
Incident Energy (MeV)

64-Gd-137

MAT 6380

(n,p) Levels
293 Kelvin Cross Sections

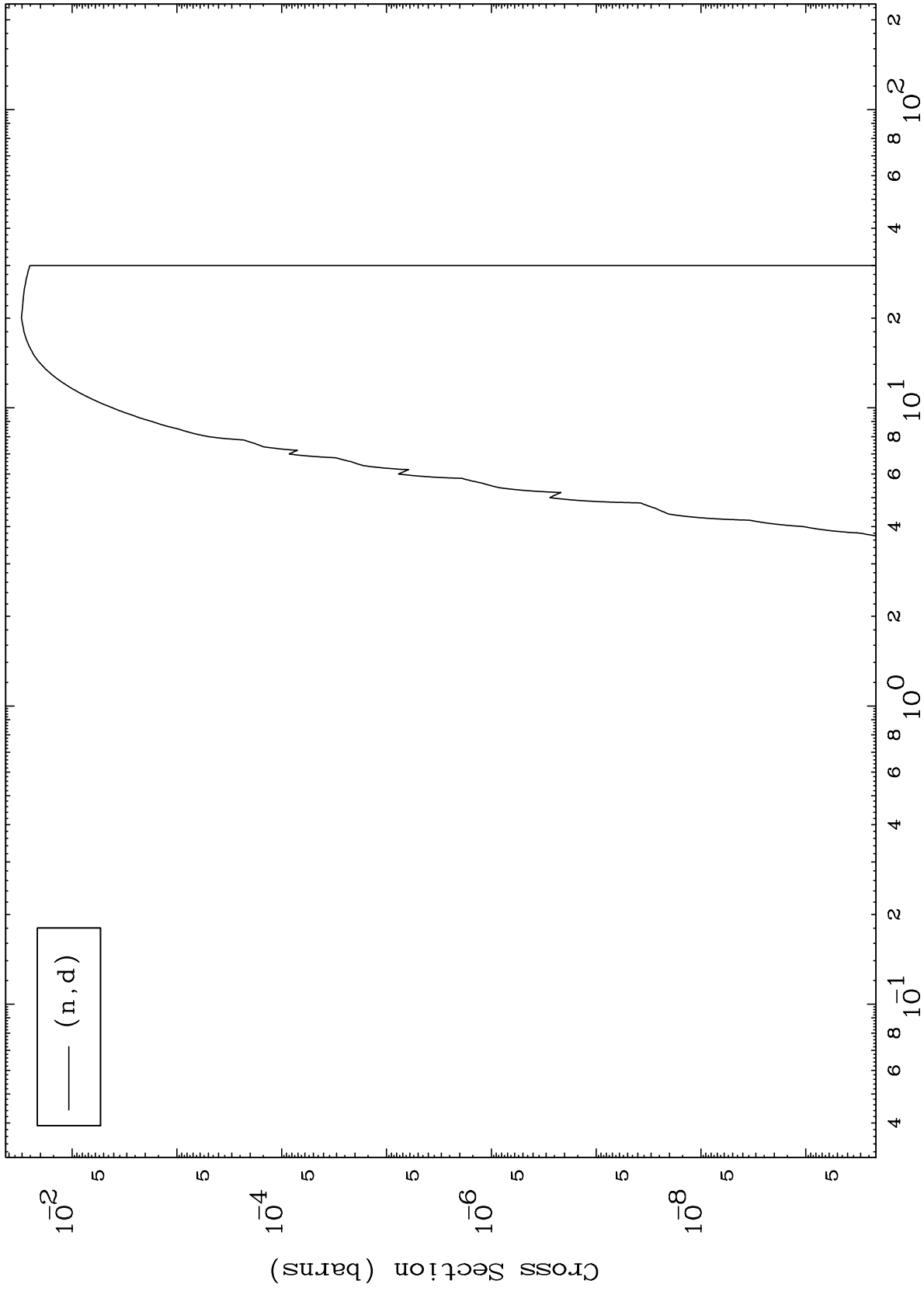
64-Gd-137



MAT 6380

(n,d) Levels
293 Kelvin Cross Sections

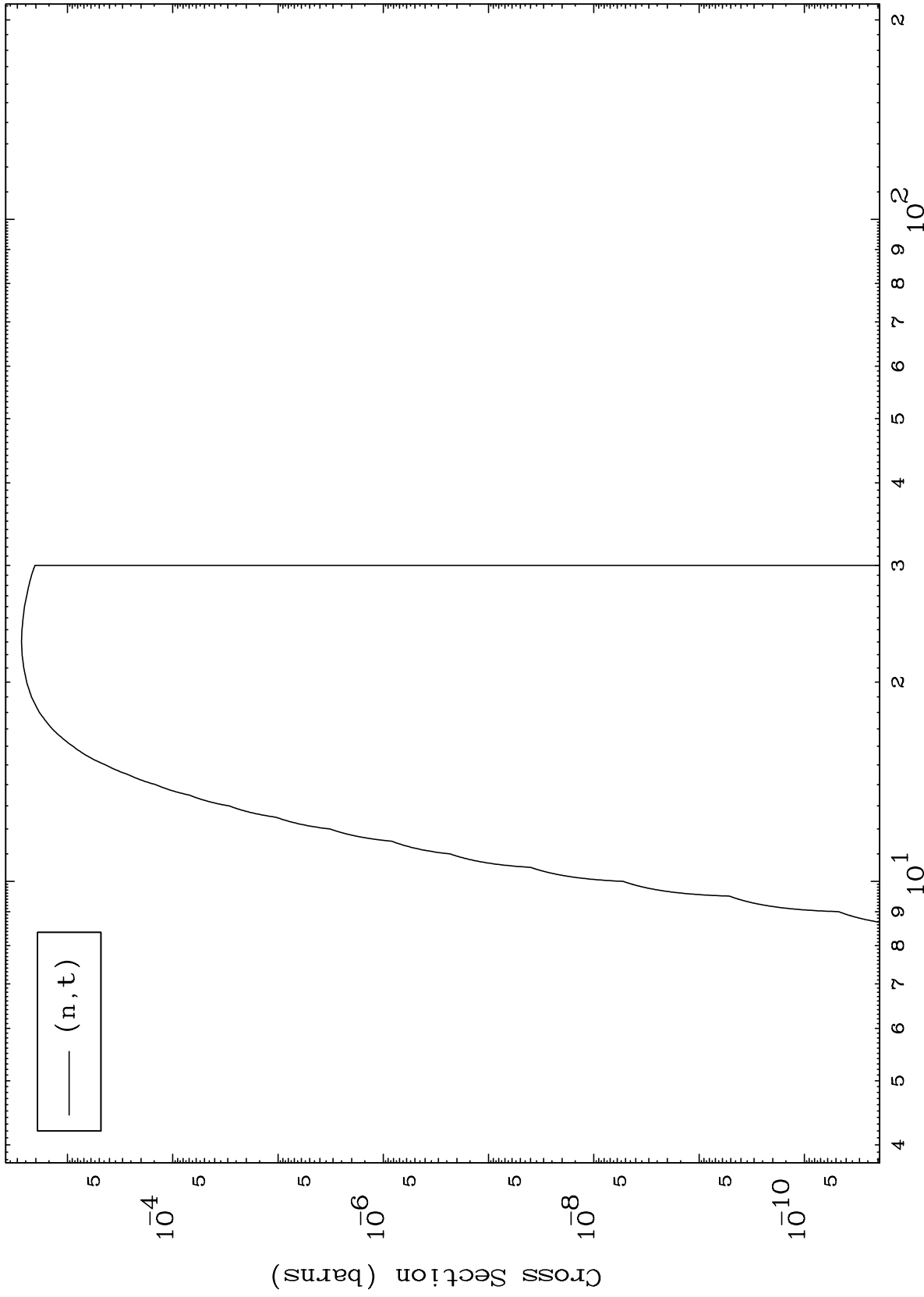
64-Gd-137



MAT 6380

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-137



10

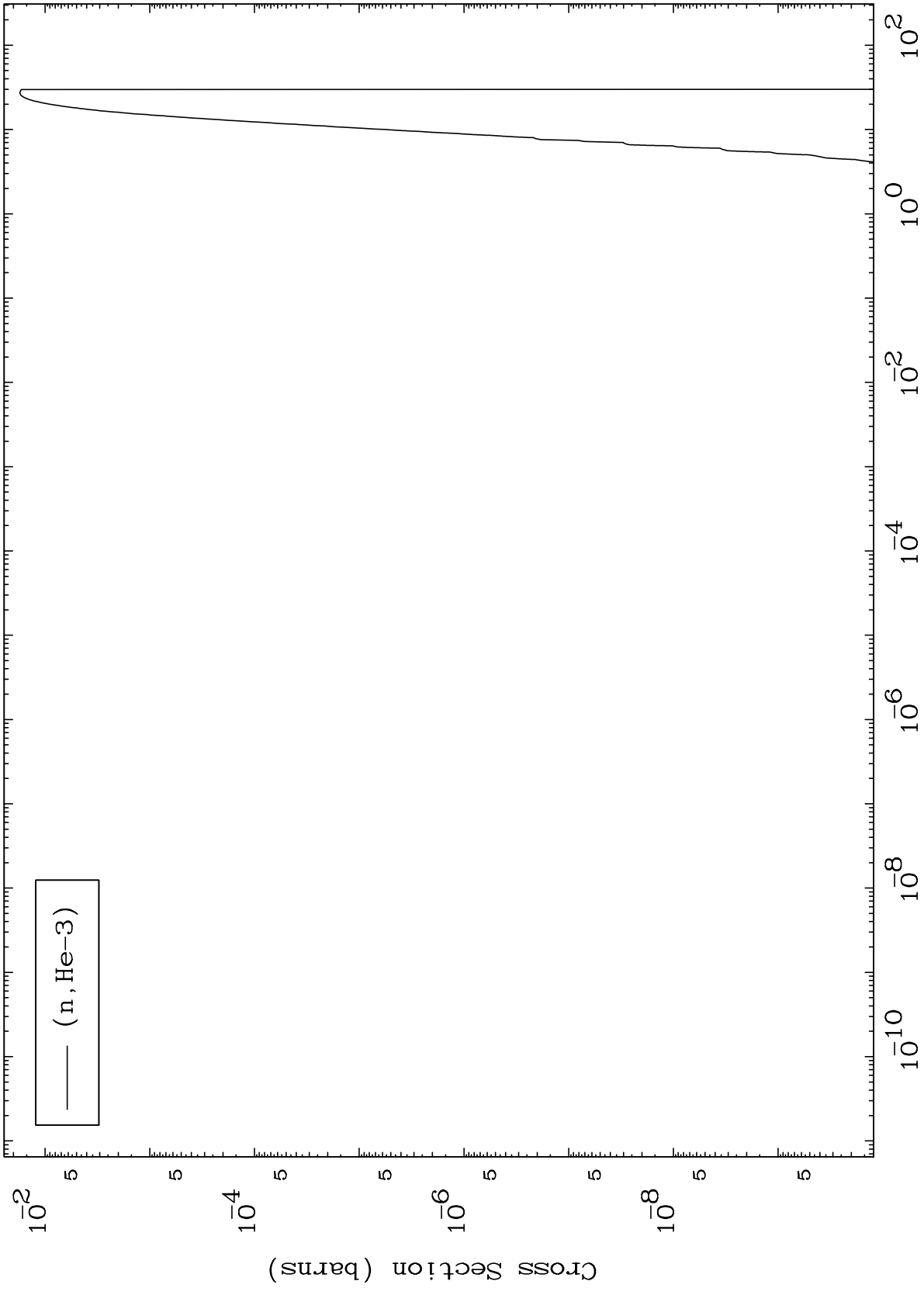
Incident Energy (MeV)

64-Gd-137

MAT 6380

(n,He3) Levels
293 Kelvin Cross Sections

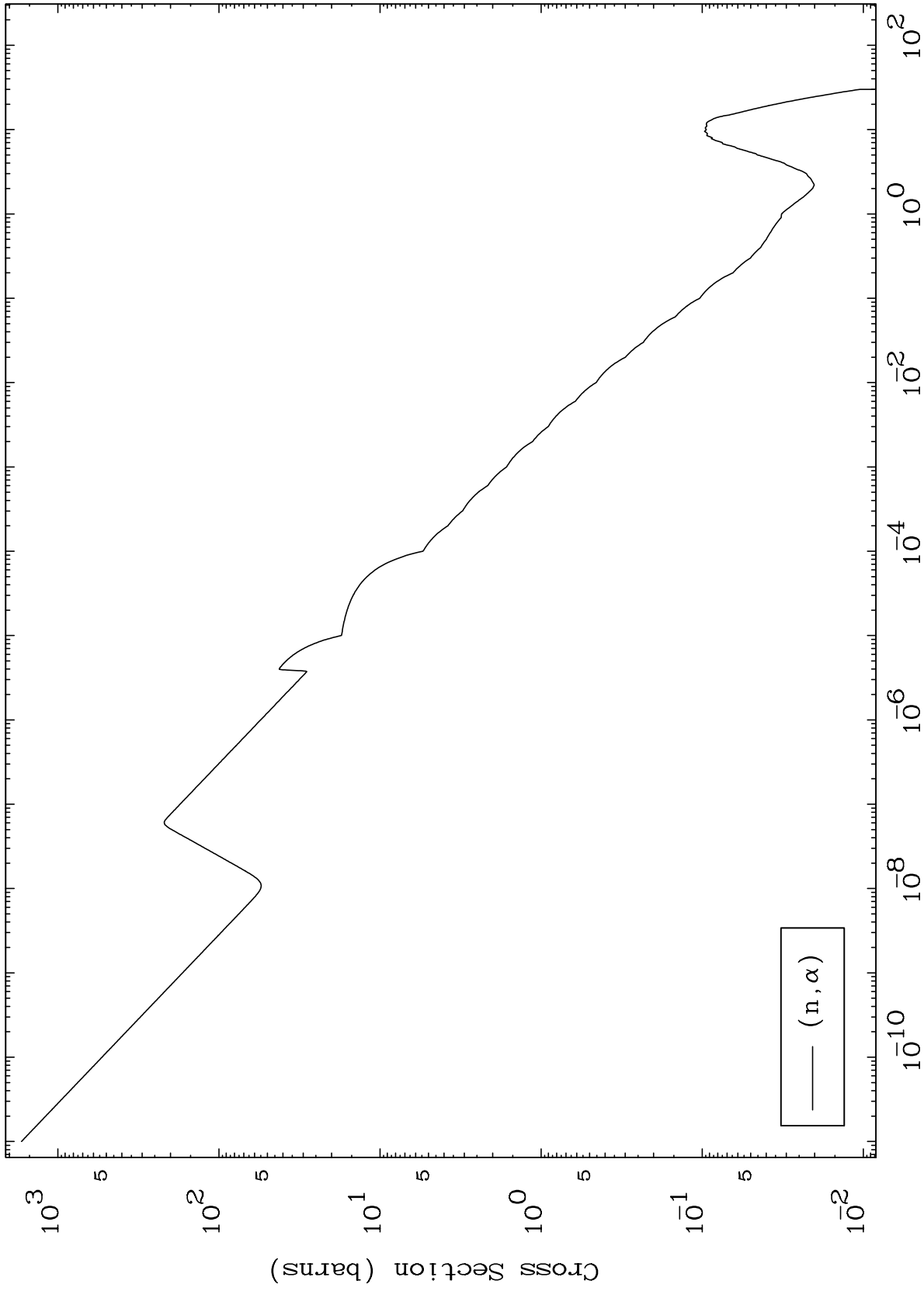
64-Gd-137



MAT 6380

(n,α) Levels
293 Kelvin Cross Sections

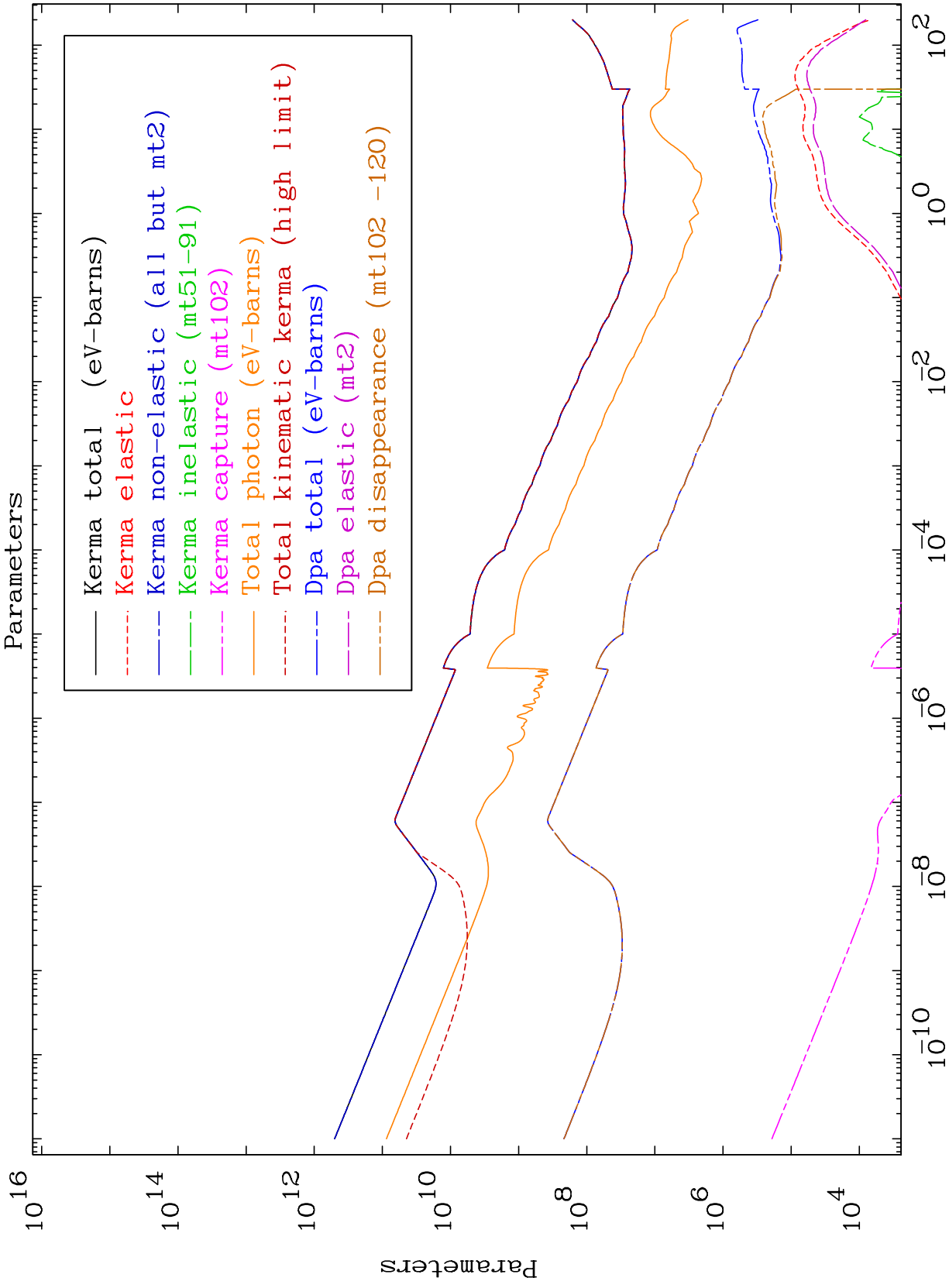
64-Gd-137



12

Incident Energy (MeV)

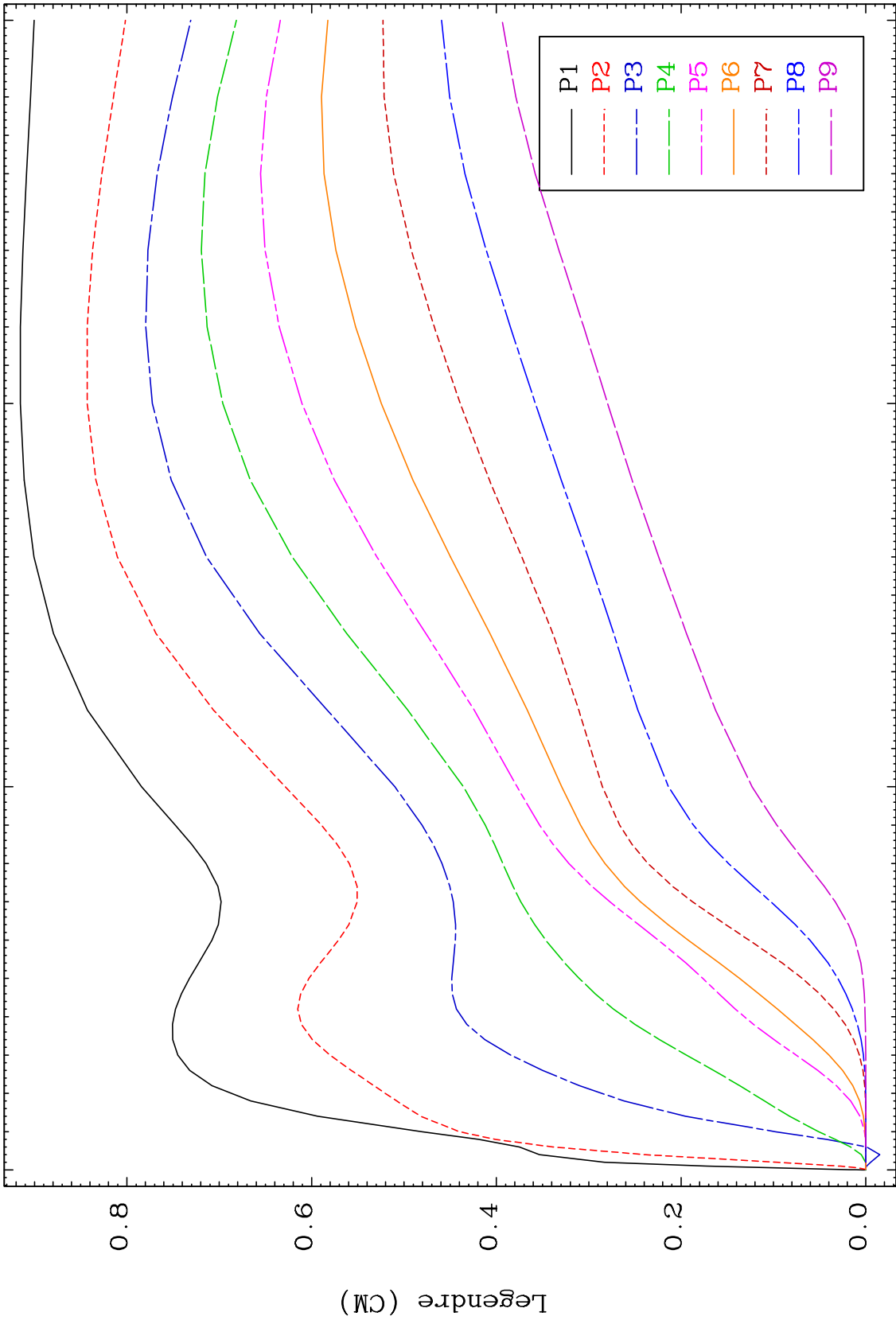
64-Gd-137



MAT 6380

Elastic Legendre Coefficients

64-Gd-137



14

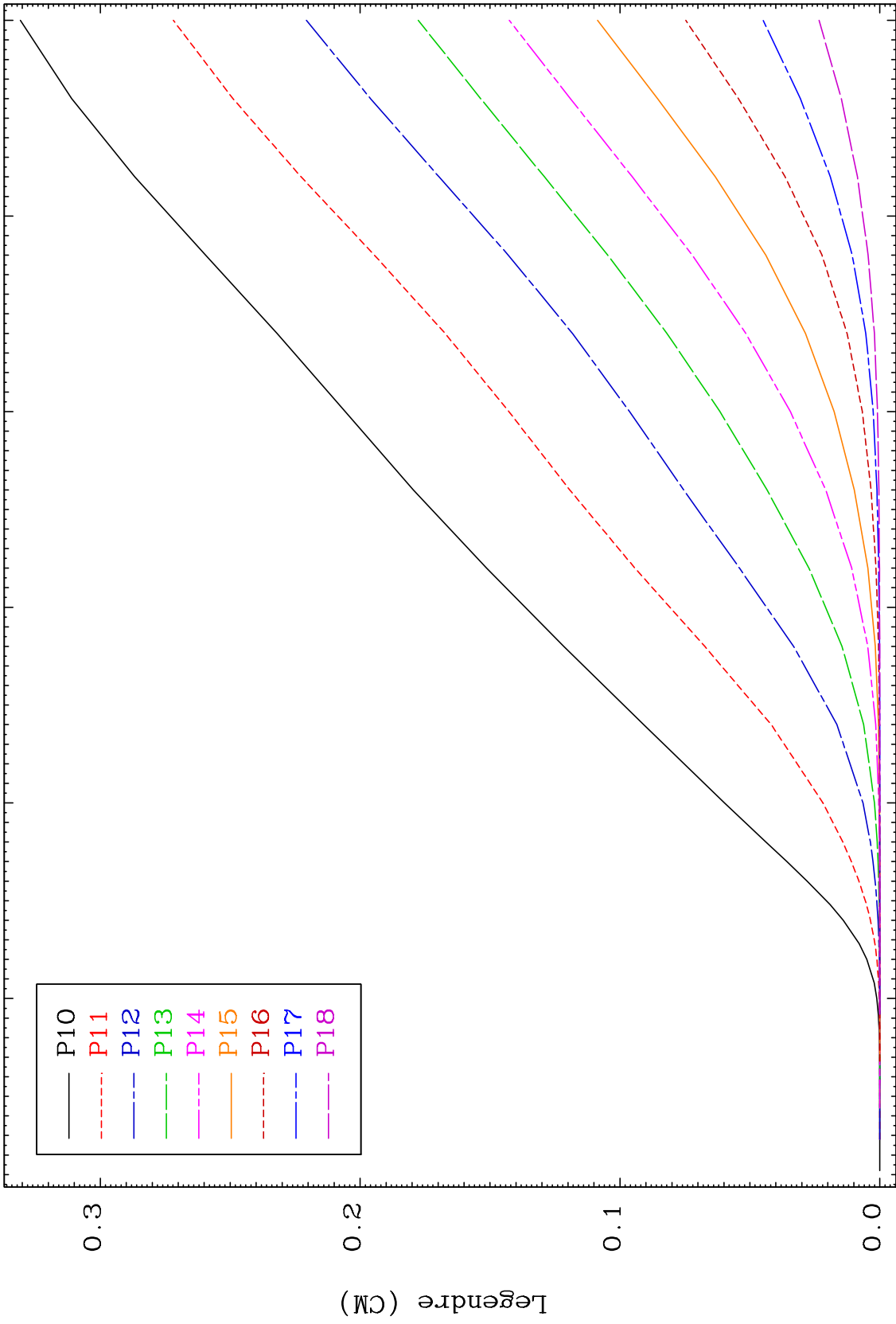
Incident Energy (MeV)

64-Gd-137

MAT 6380

Elastic Legendre Coefficients

64-Gd-137



15

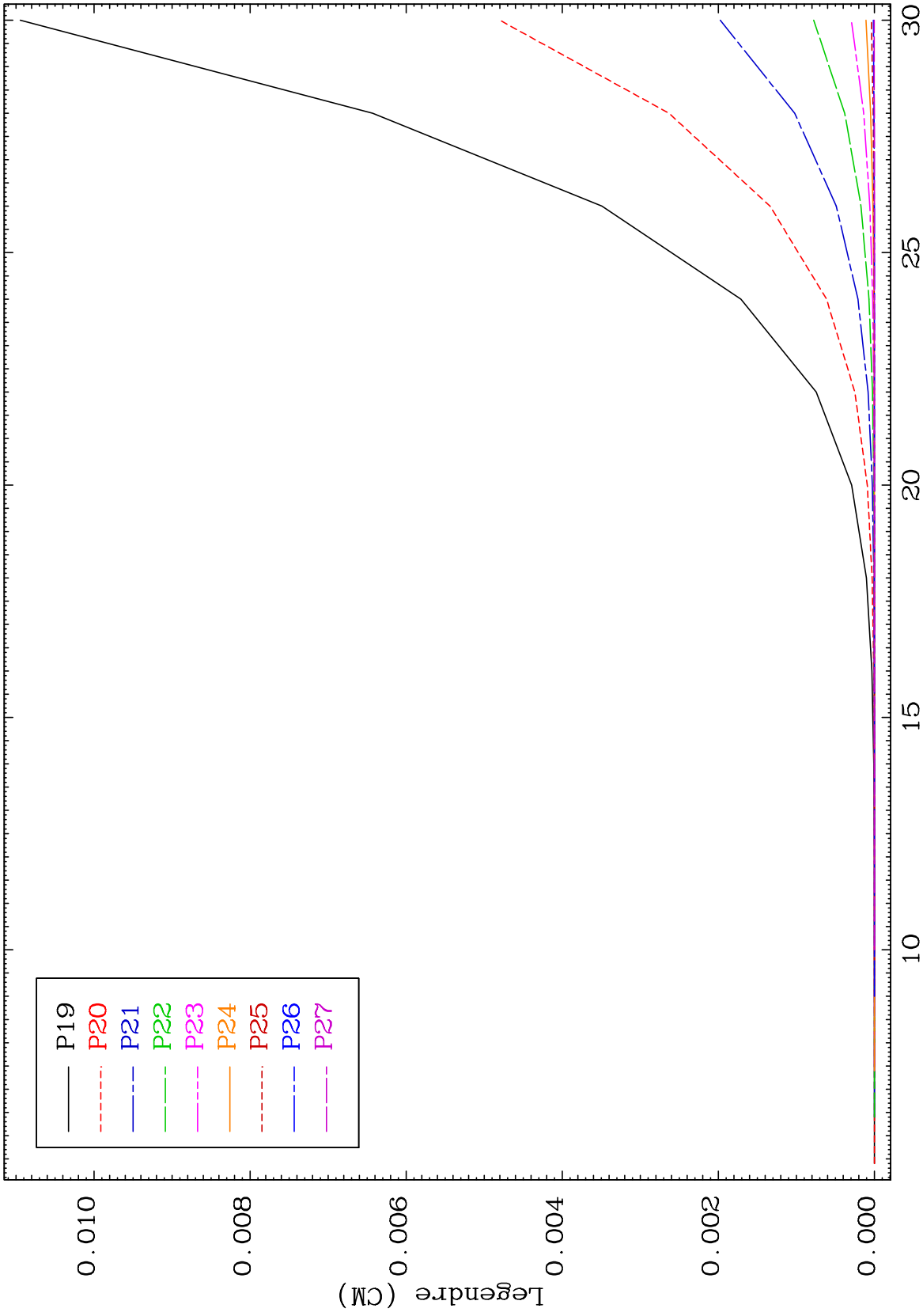
Incident Energy (MeV)

64-Gd-137

MAT 6380

Elastic Legendre Coefficients

64-Gd-137



16

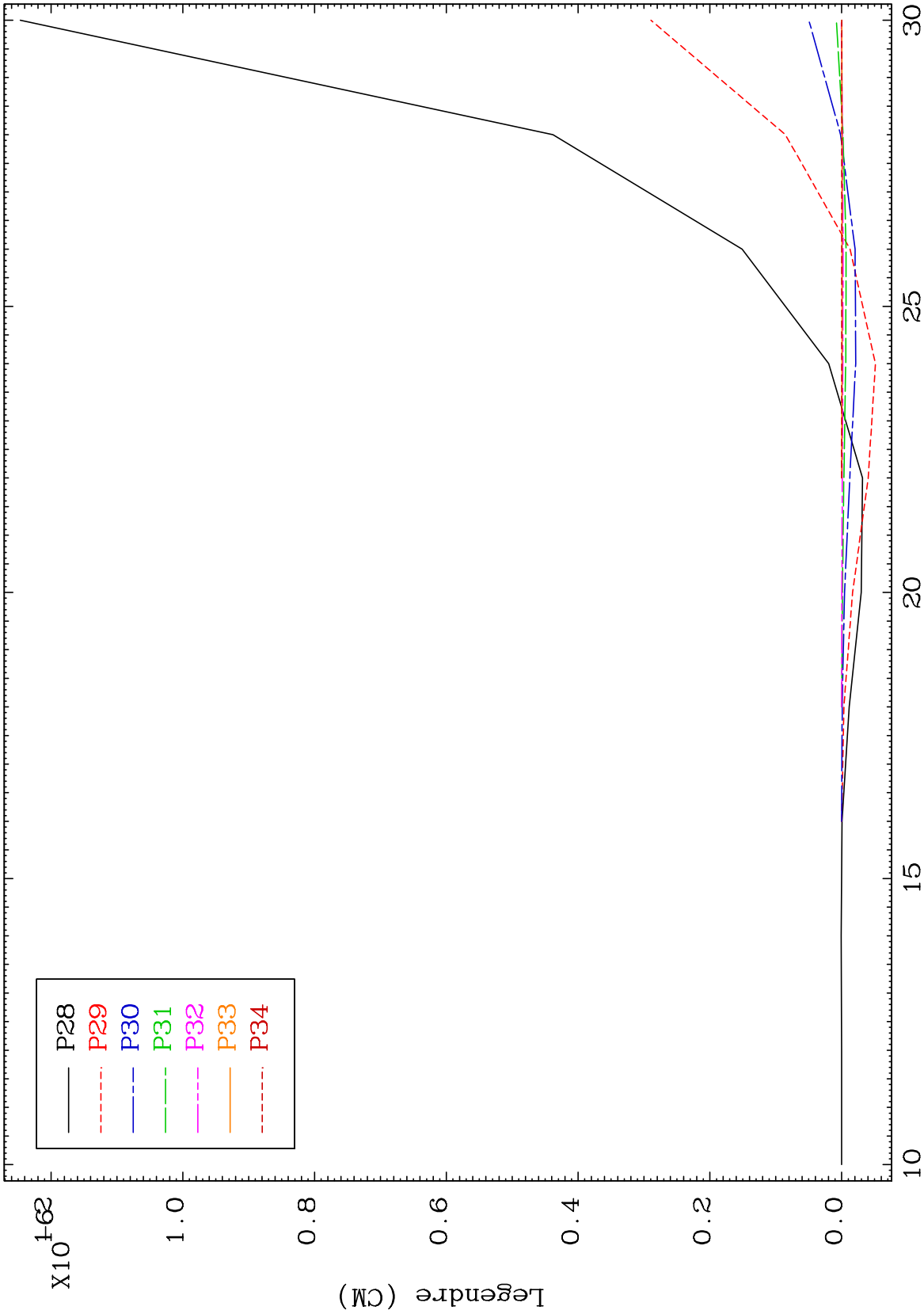
Incident Energy (MeV)

64-Gd-137

MAT 6380

Elastic Legendre Coefficients

64-Gd-137



17

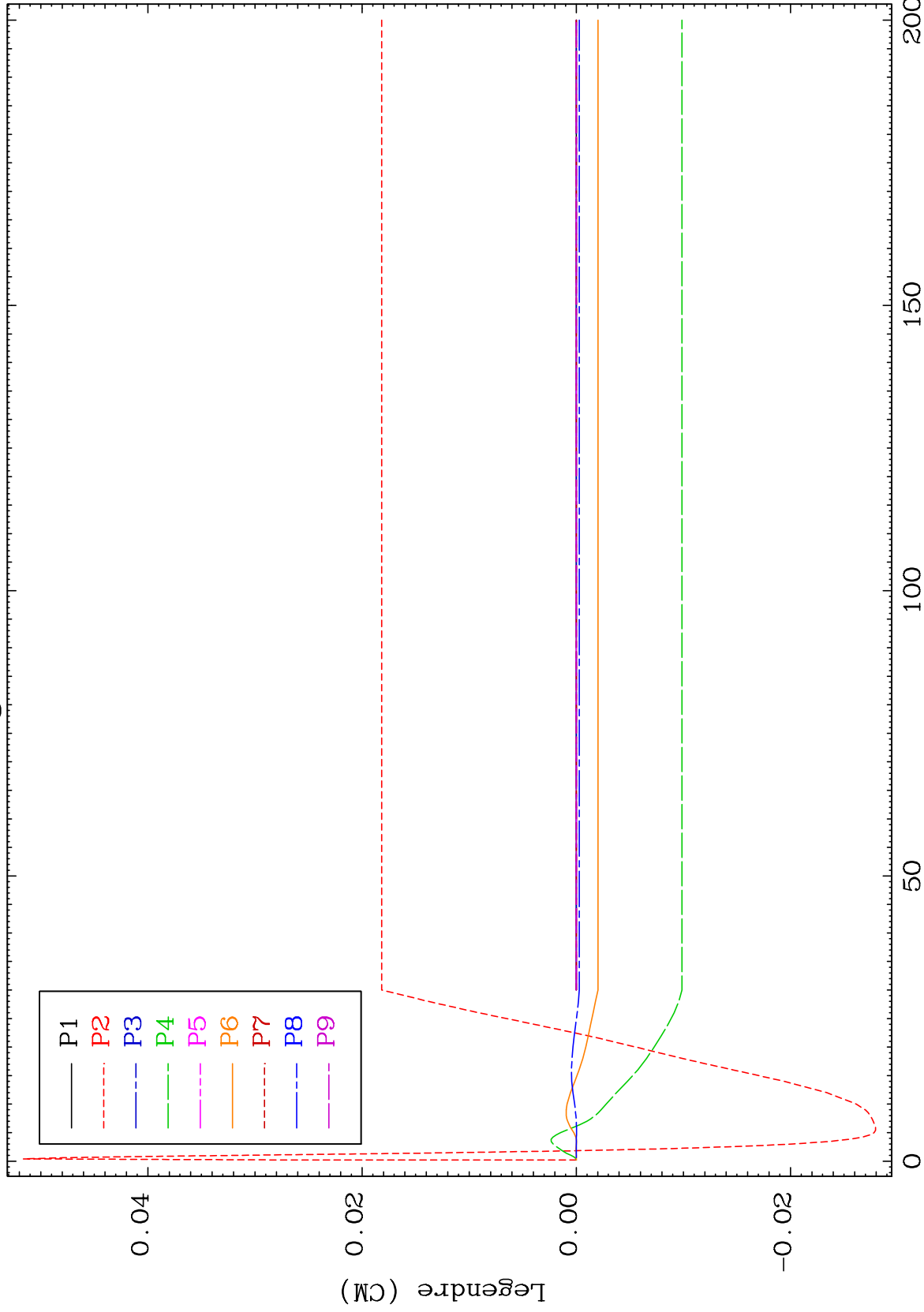
Incident Energy (MeV)

64-Gd-137

MAT 6380

MT= 51 (n,n') Level
Legendre Coefficients

64-Gd-137



18

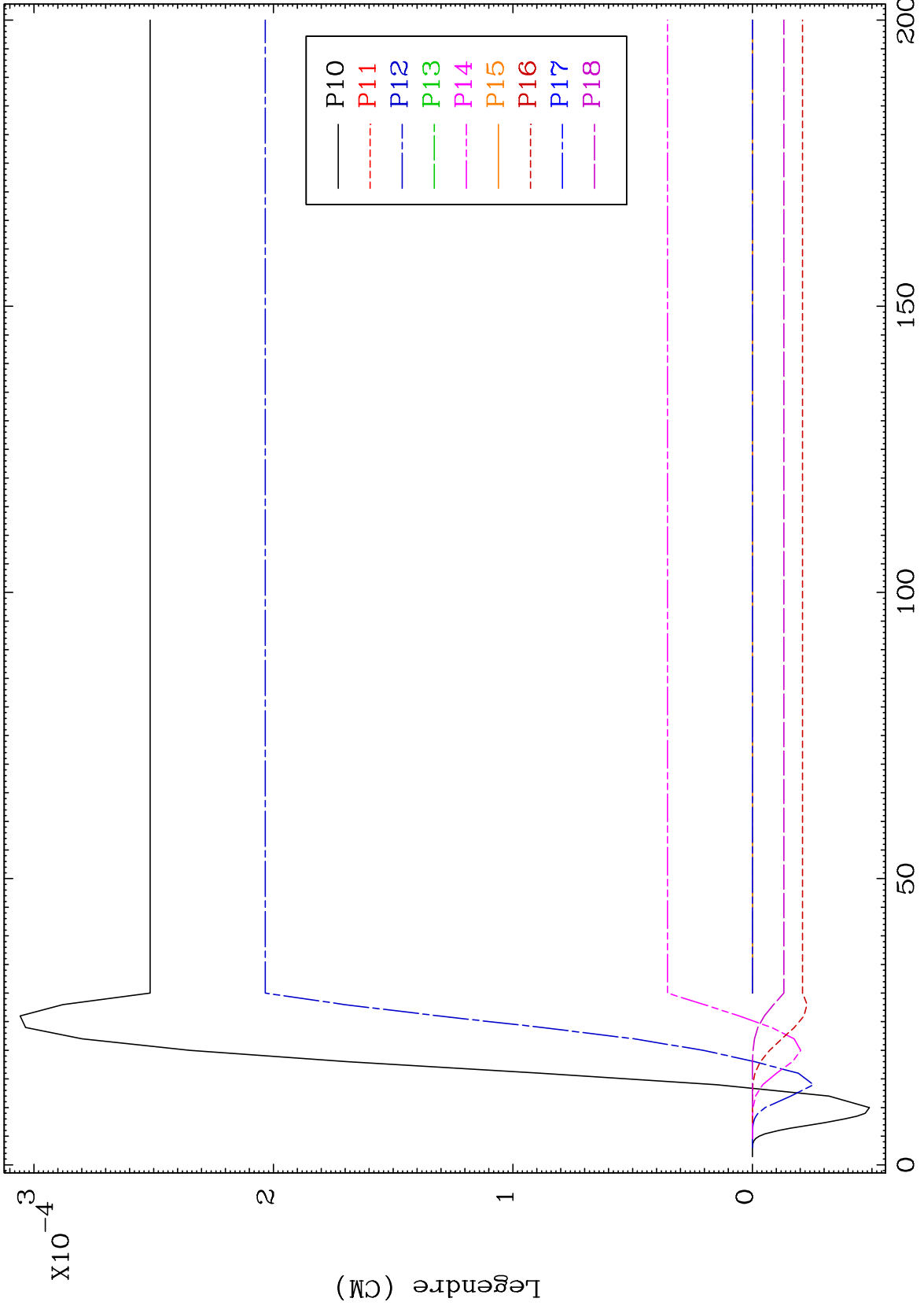
Incident Energy (MeV)

64-Gd-137

MAT 6380

MT= 51 (n,n') Level
Legendre Coefficients

64-Gd-137



19

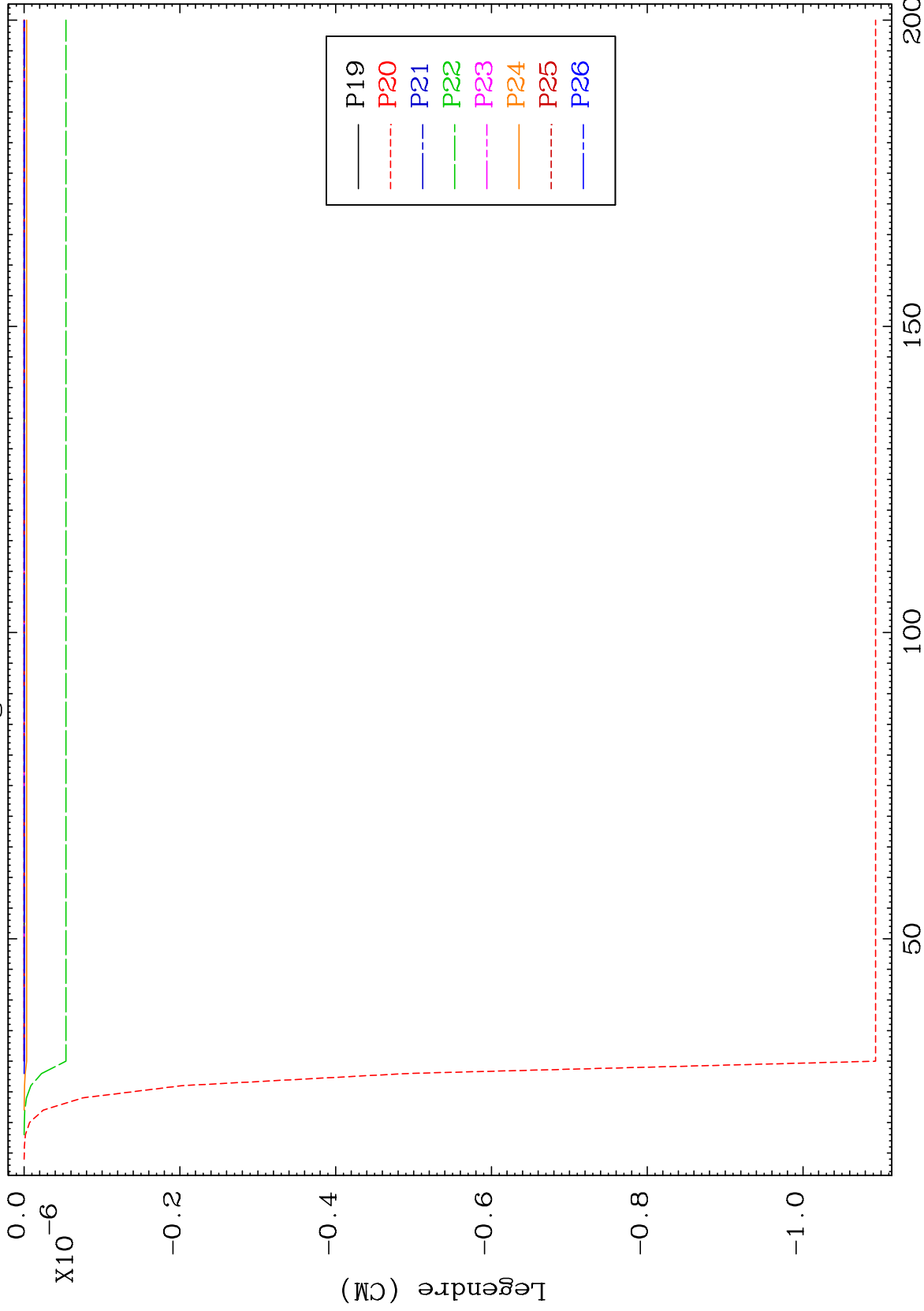
Incident Energy (MeV)

64-Gd-137

MAT 6380

MT= 51 (n,n') Level
Legendre Coefficients

64-Gd-137



64-Gd-137

Incident Energy (MeV)

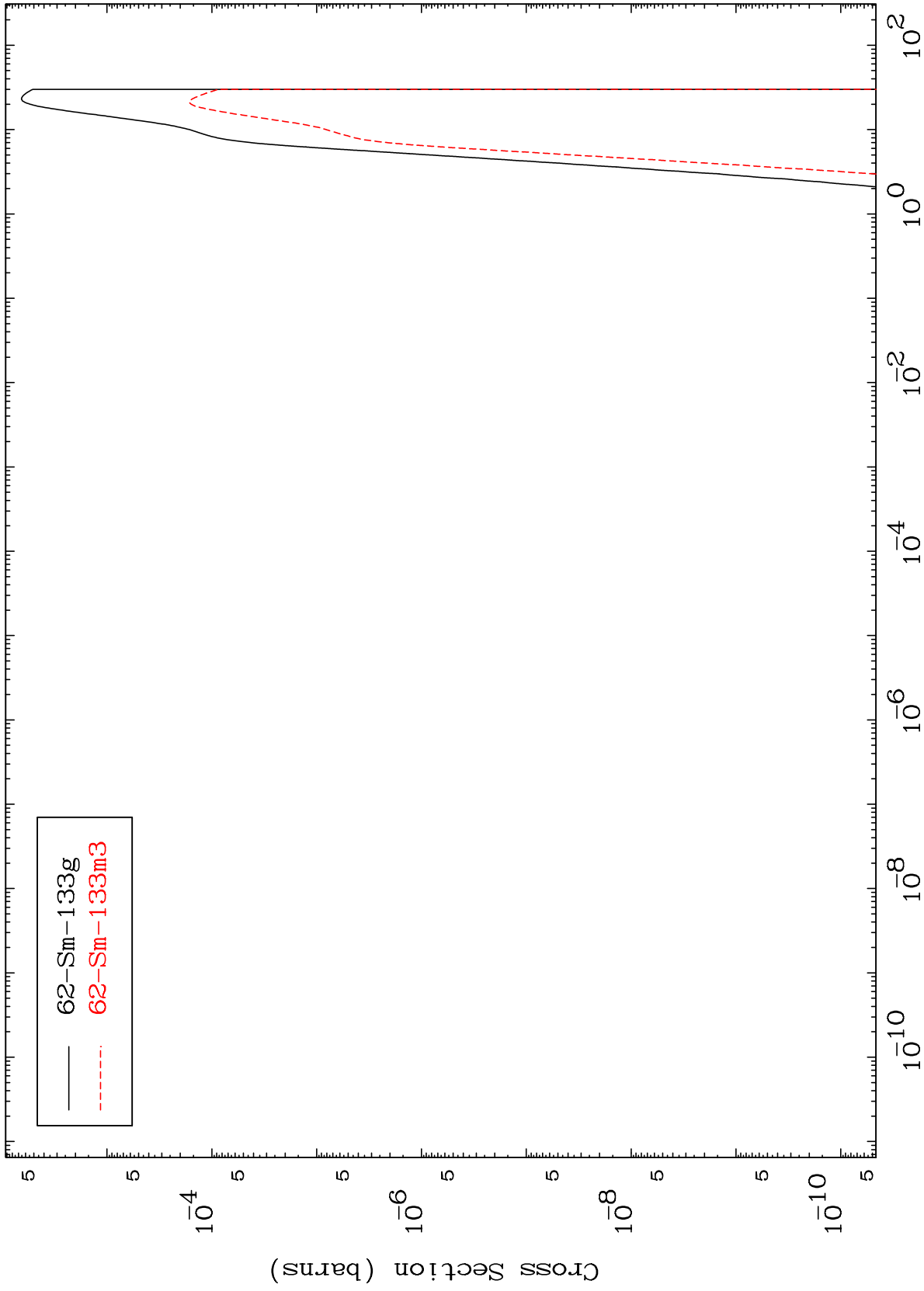
20

MAT 6380

(n,n') α

64-Gd-137

Radionuclide Production Cross Section

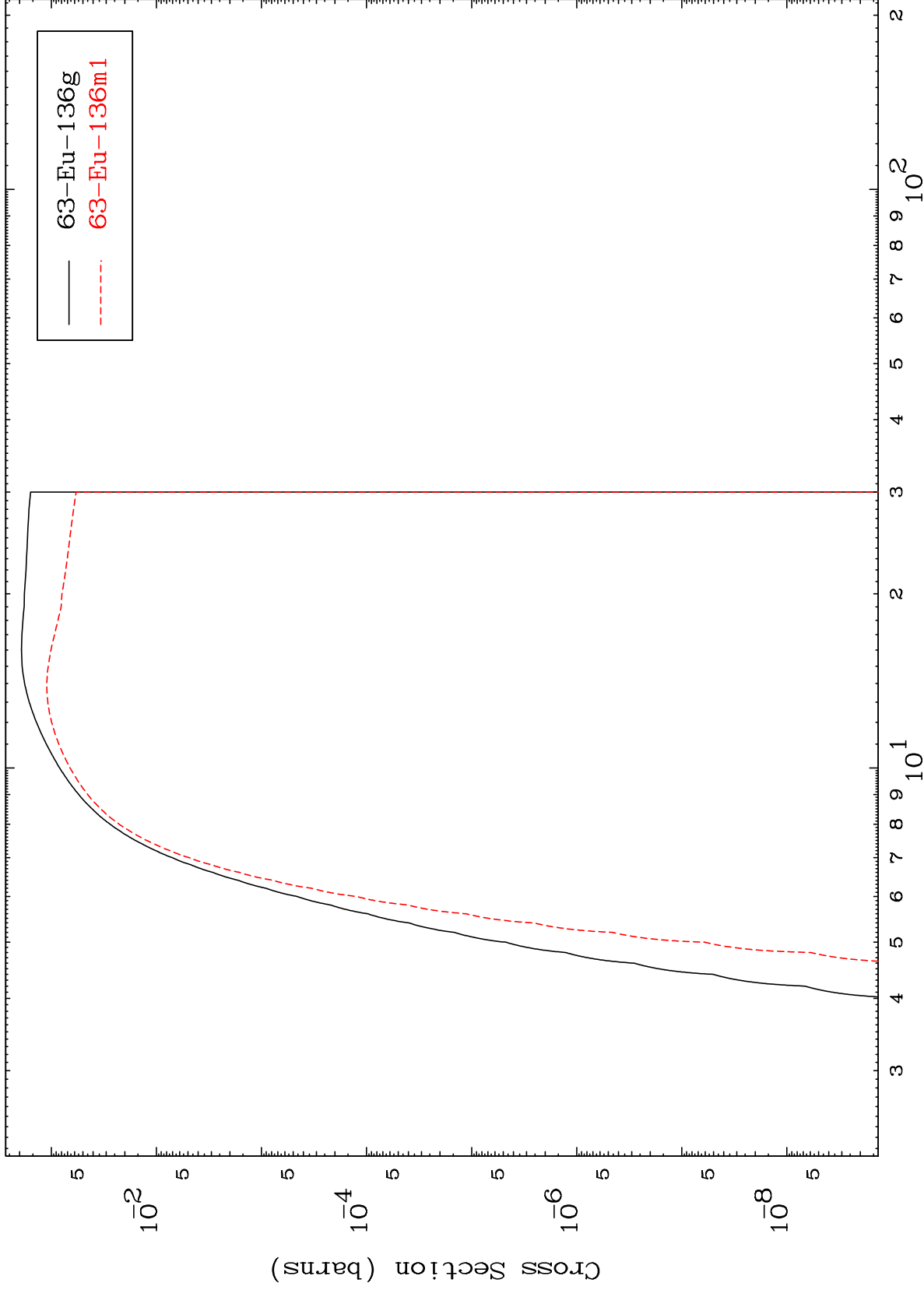


MAT 6380

(n,n') p

64-Gd-137

Radionuclide Production Cross Section



22

Incident Energy (MeV)

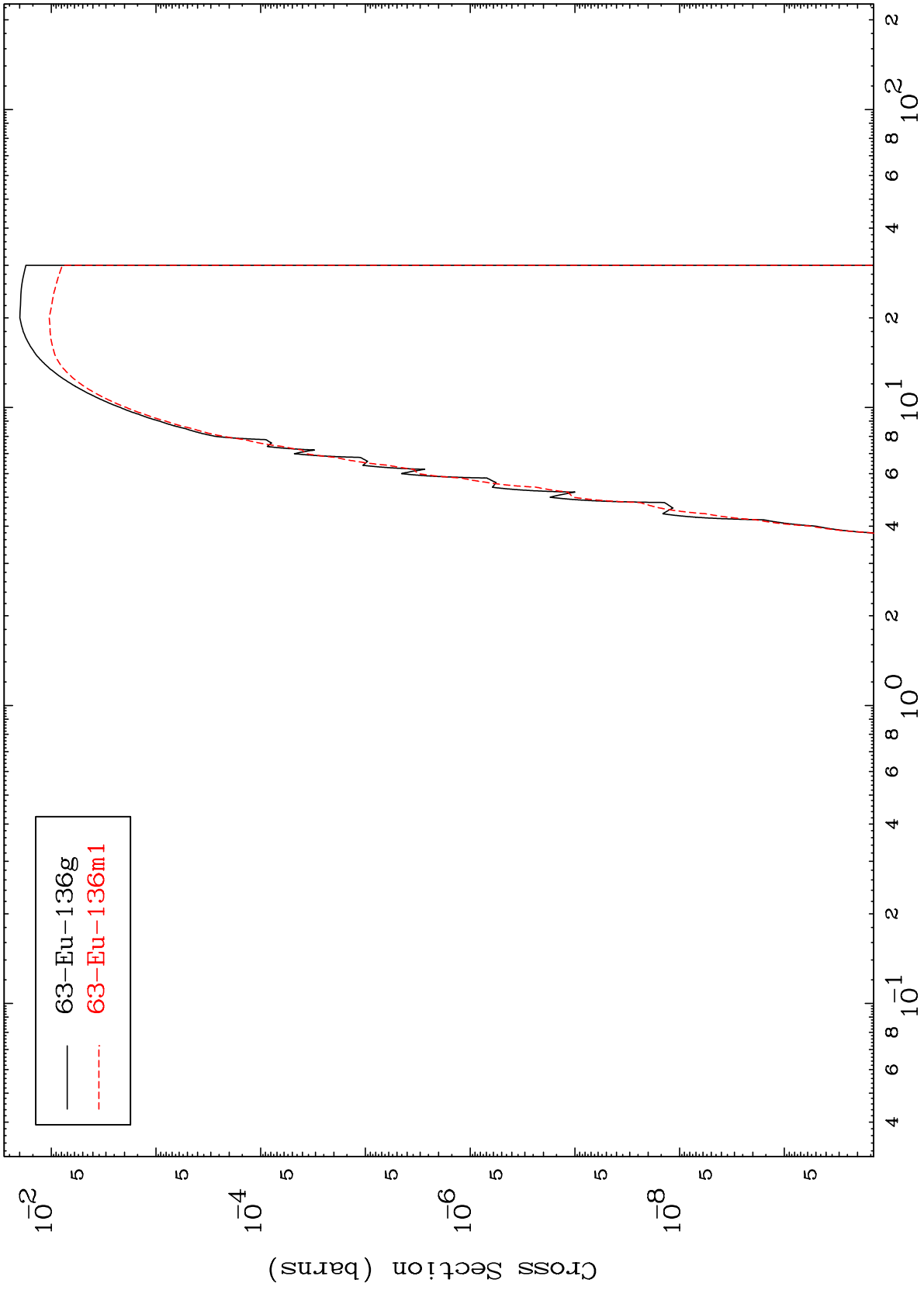
64-Gd-137

MAT 6380

(n,d)

64-Gd-137

Radionuclide Production Cross Section



23

Incident Energy (MeV)

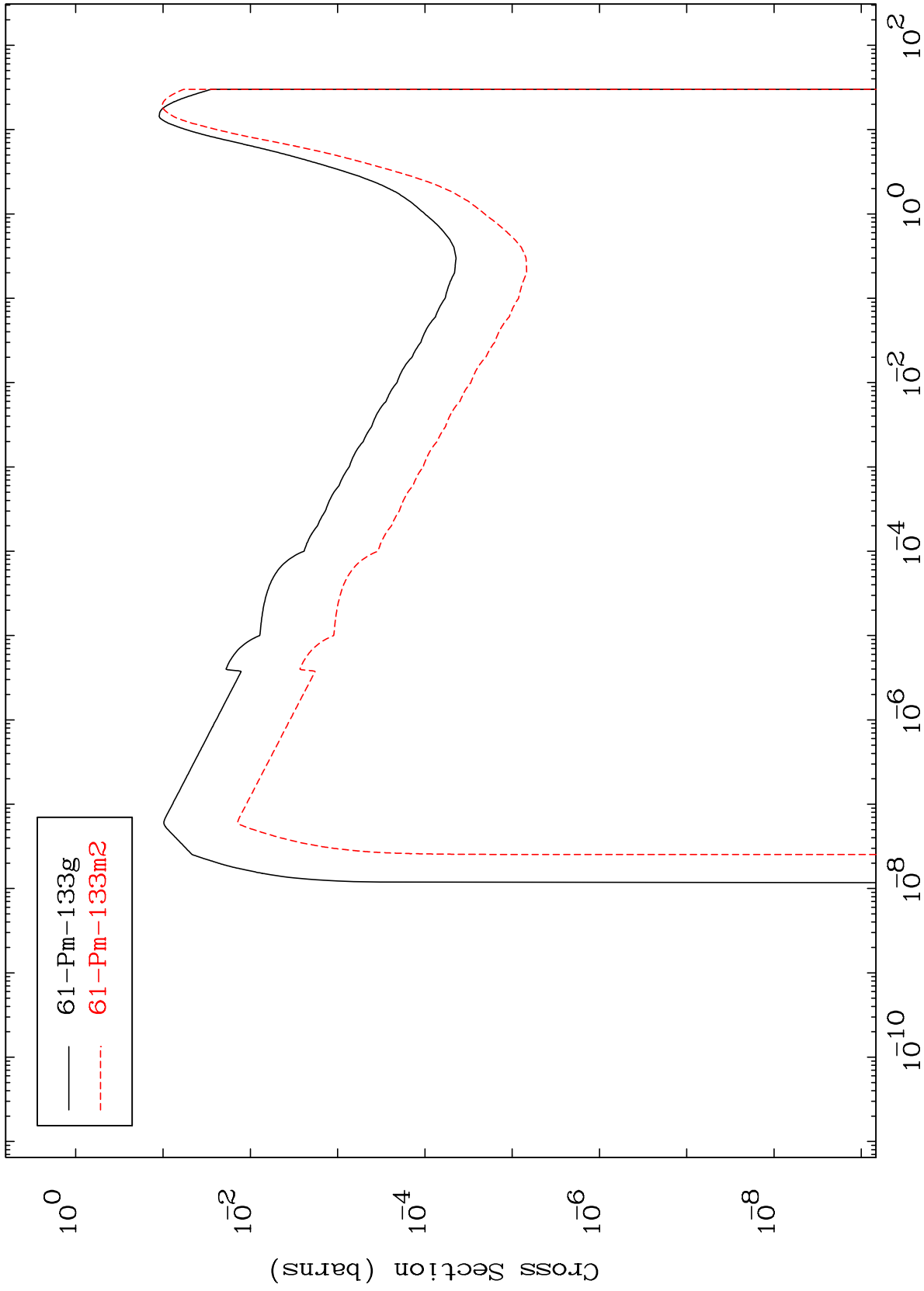
64-Gd-137

MAT 6380

(n,p) α

64-Gd-137

Radionuclide Production Cross Section



61-Pm-133g
61-Pm-133m2