

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

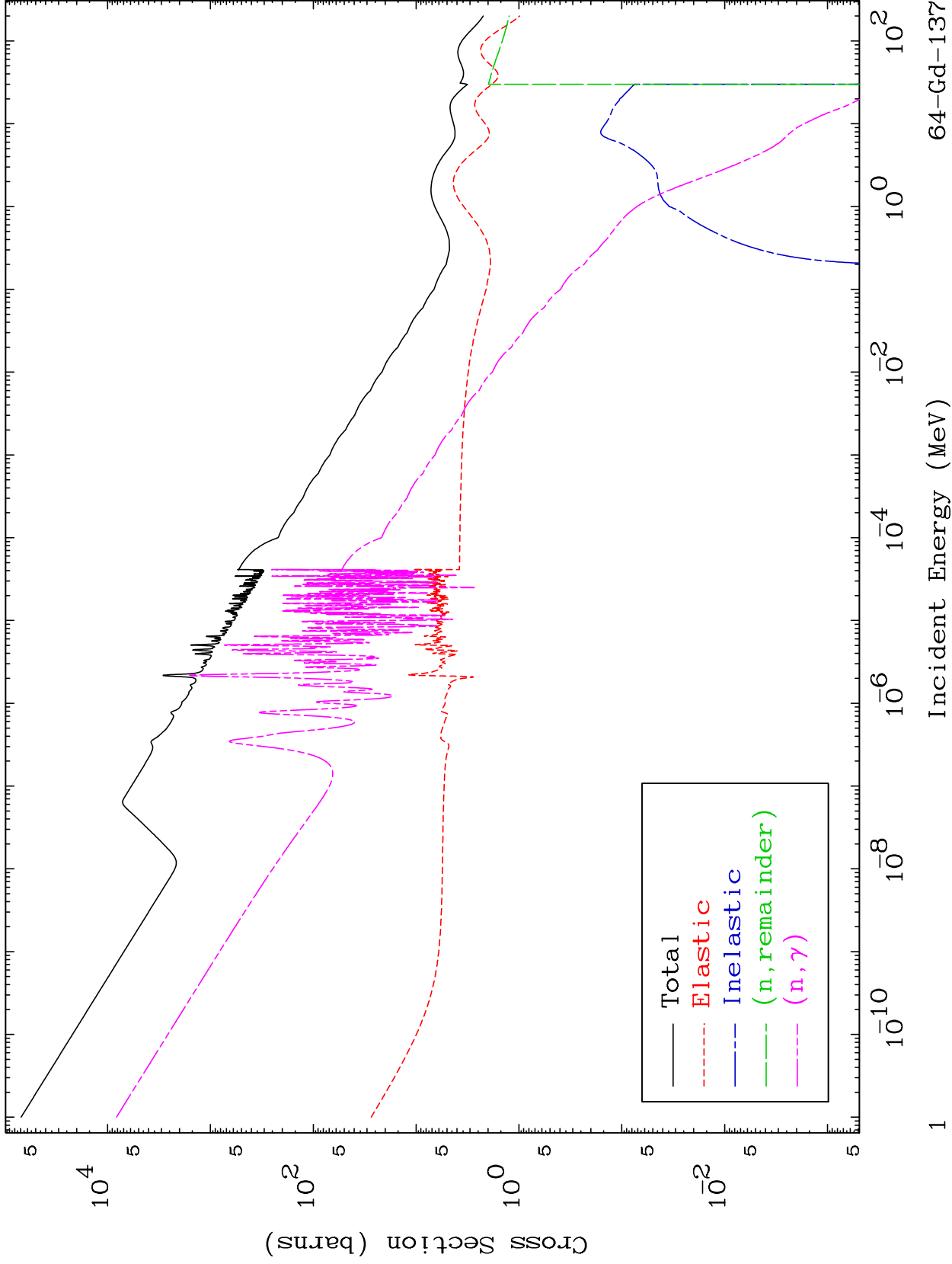
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6380

Major  
293 Kelvin Cross Sections

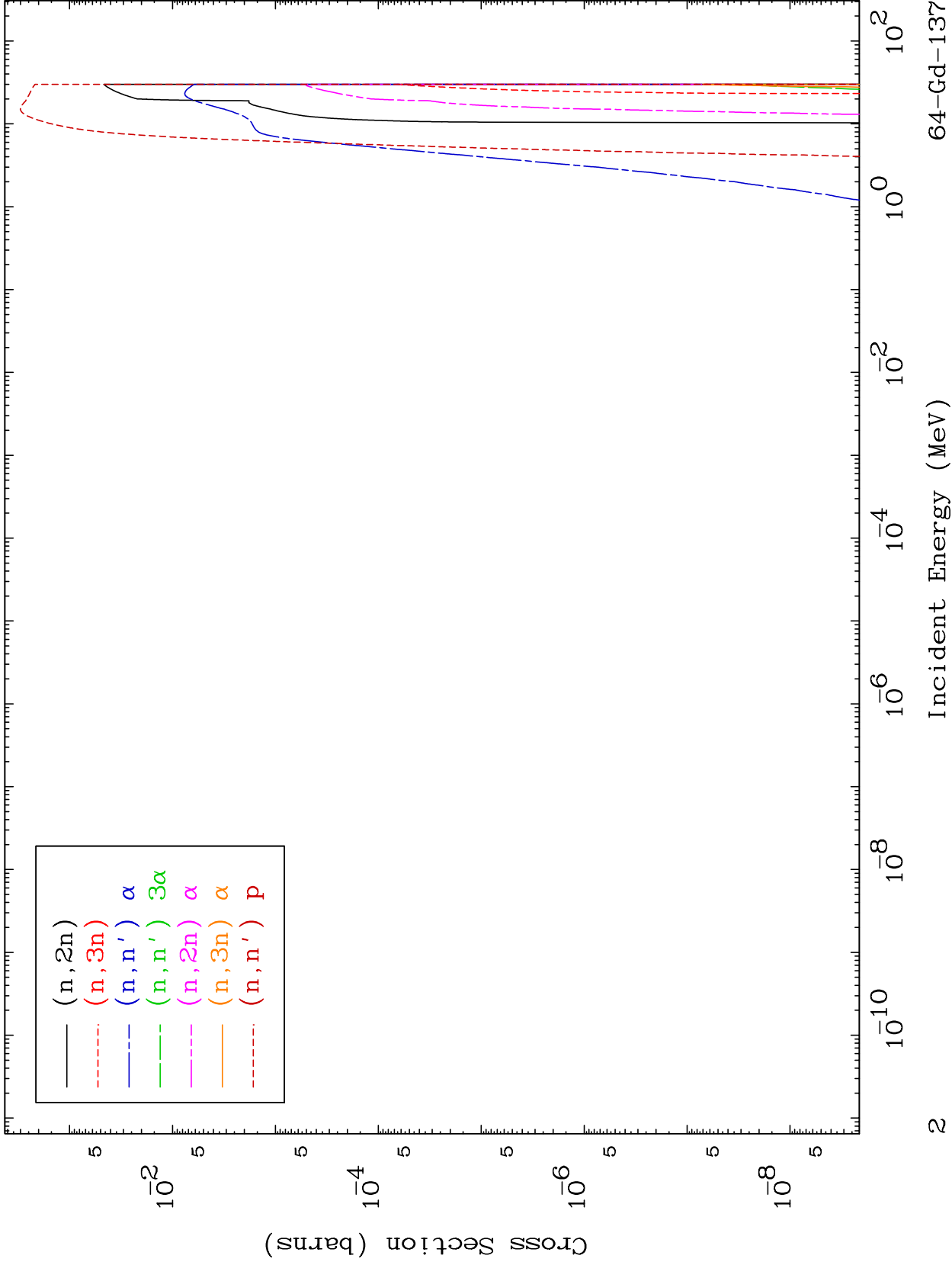
64-Gd-137



MAT 6380

Neutron Production  
293 Kelvin Cross Sections

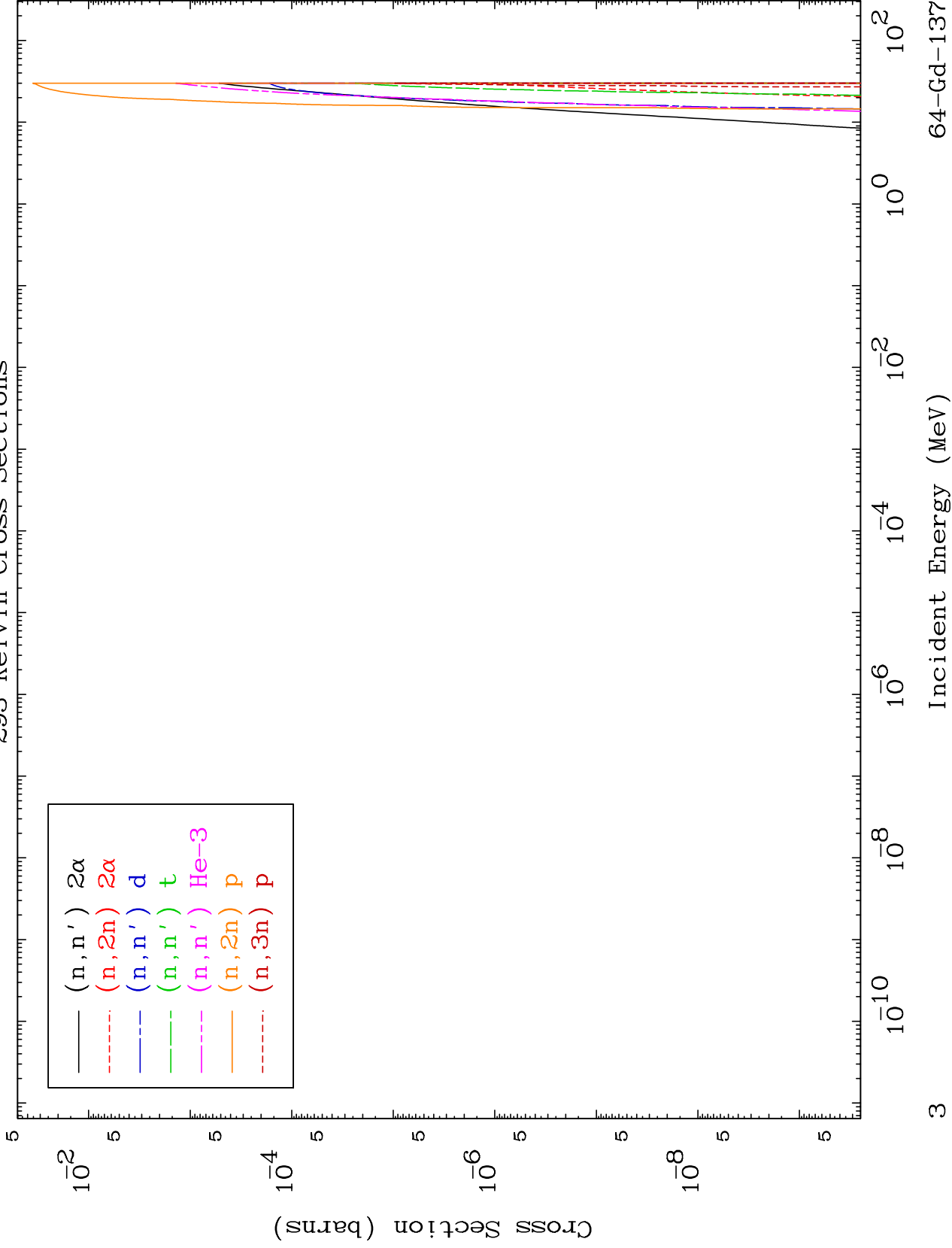
64-Gd-137



MAT 6380

Neutron Production  
293 Kelvin Cross Sections

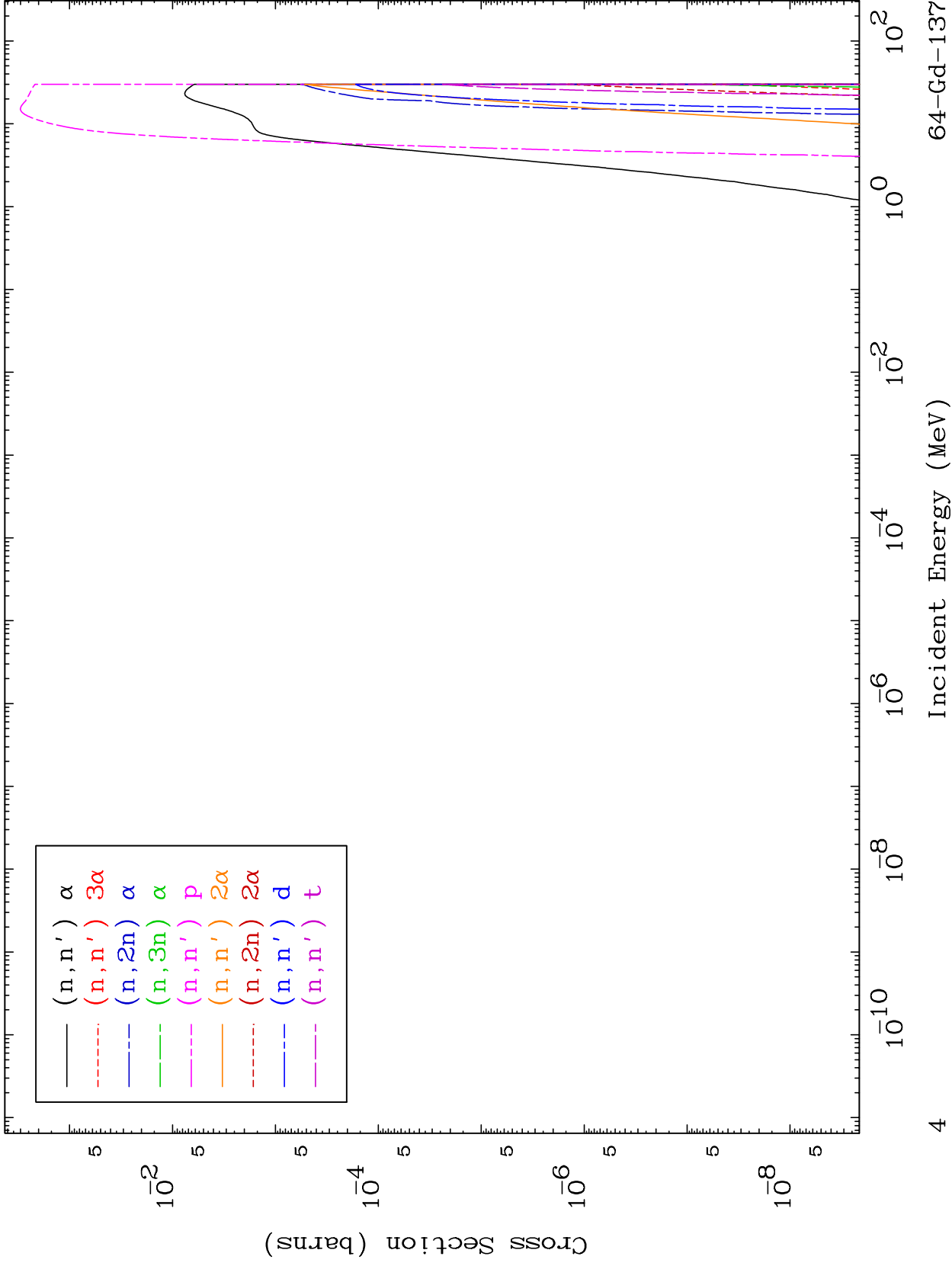
64-Gd-137



MAT 6380

Charged Particle  
293 Kelvin Cross Sections

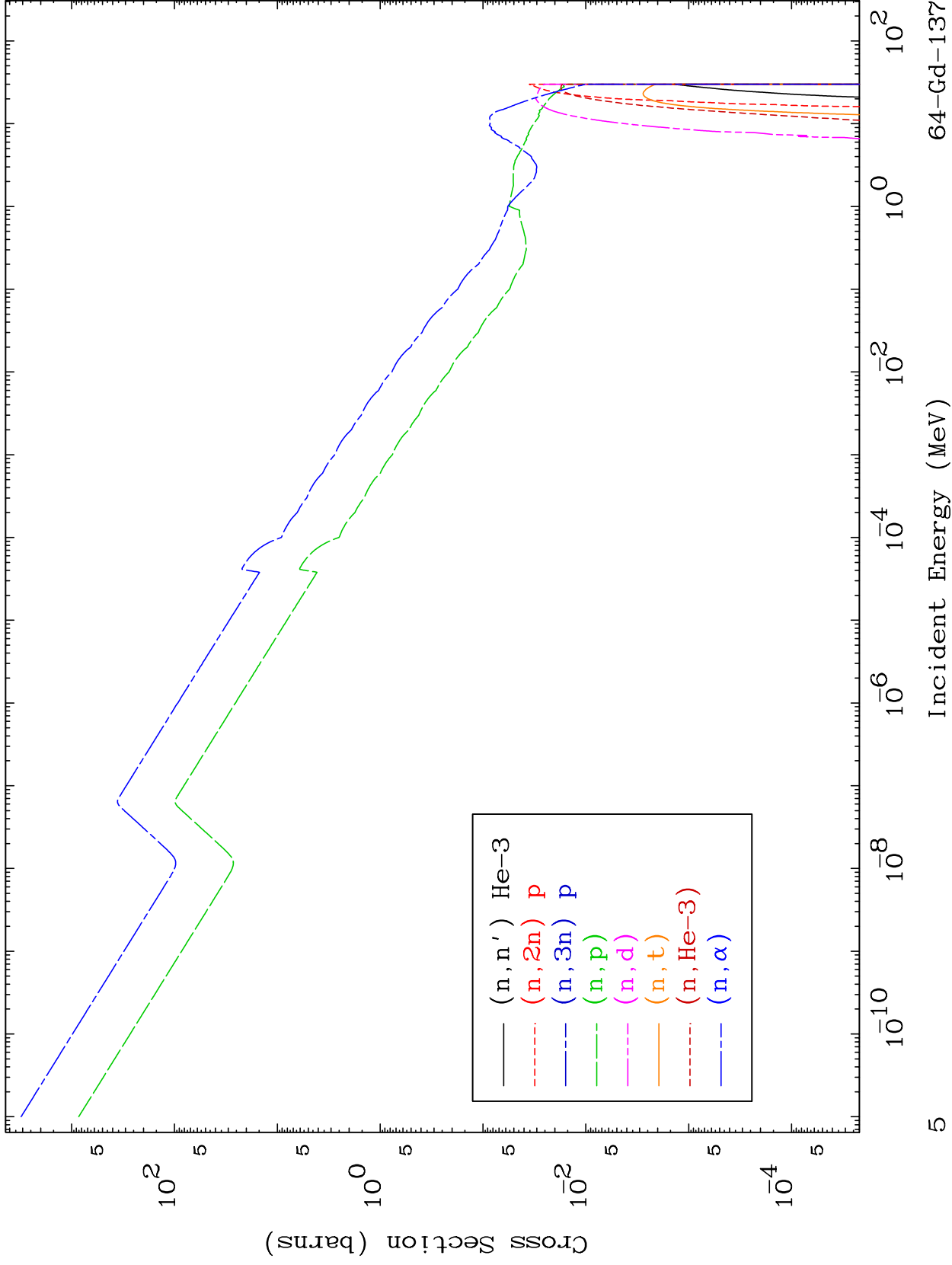
64-Gd-137



MAT 6380

Charged Particle  
293 Kelvin Cross Sections

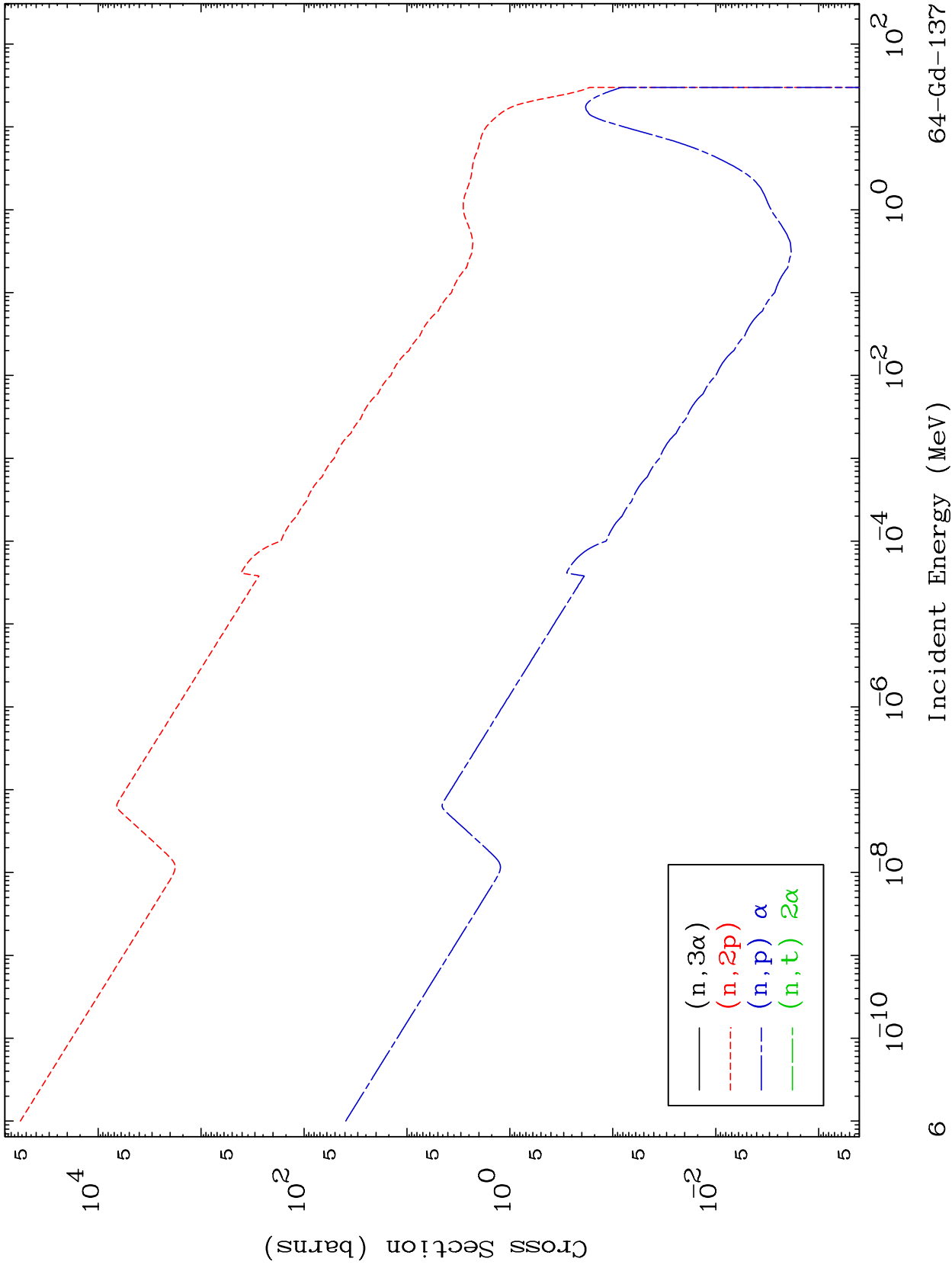
64-Gd-137



MAT 6380

Charged Particle  
293 Kelvin Cross Sections

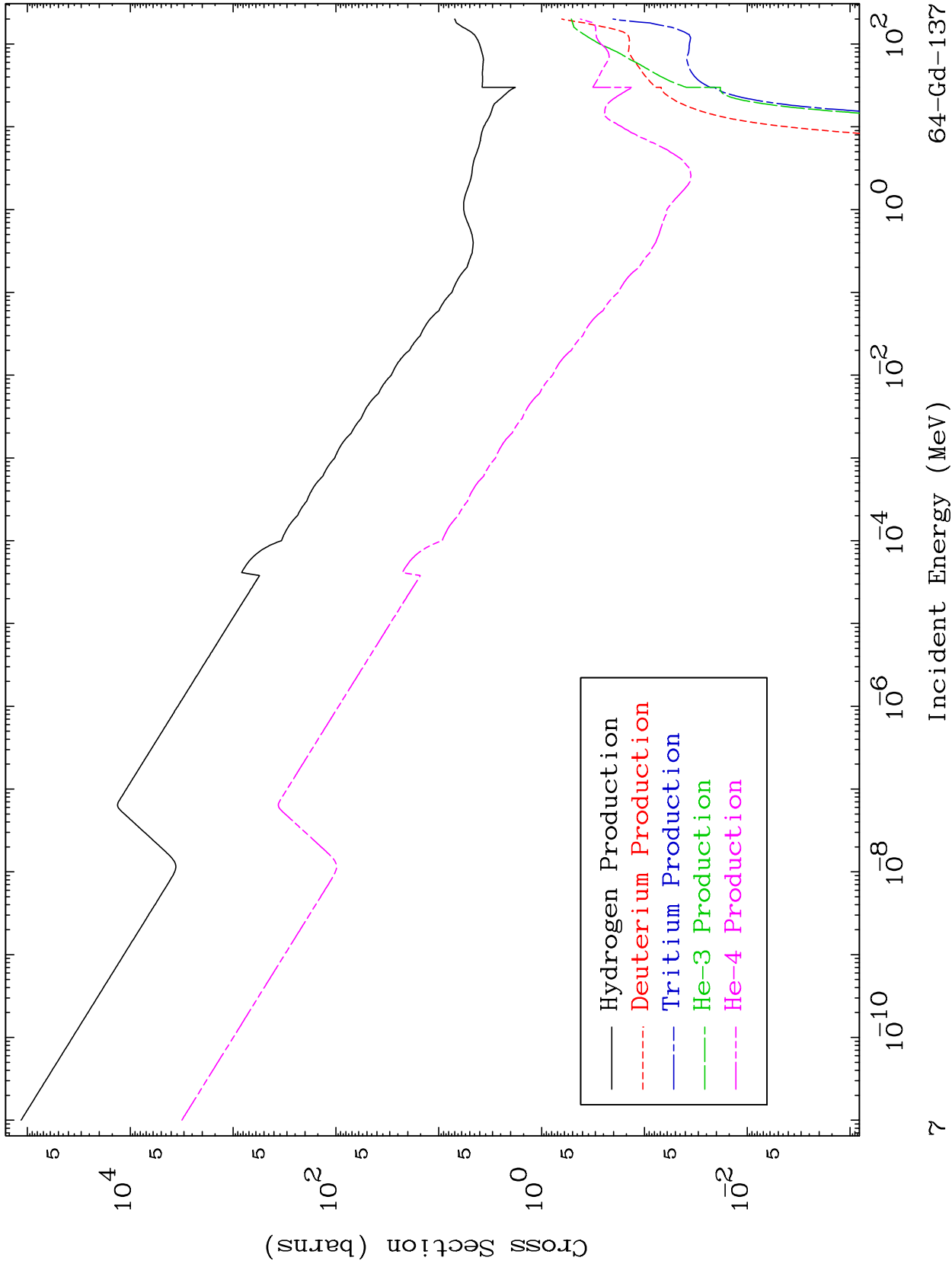
64-Gd-137



MAT 6380

Particle Production  
293 Kelvin Cross Sections

64-Gd-137

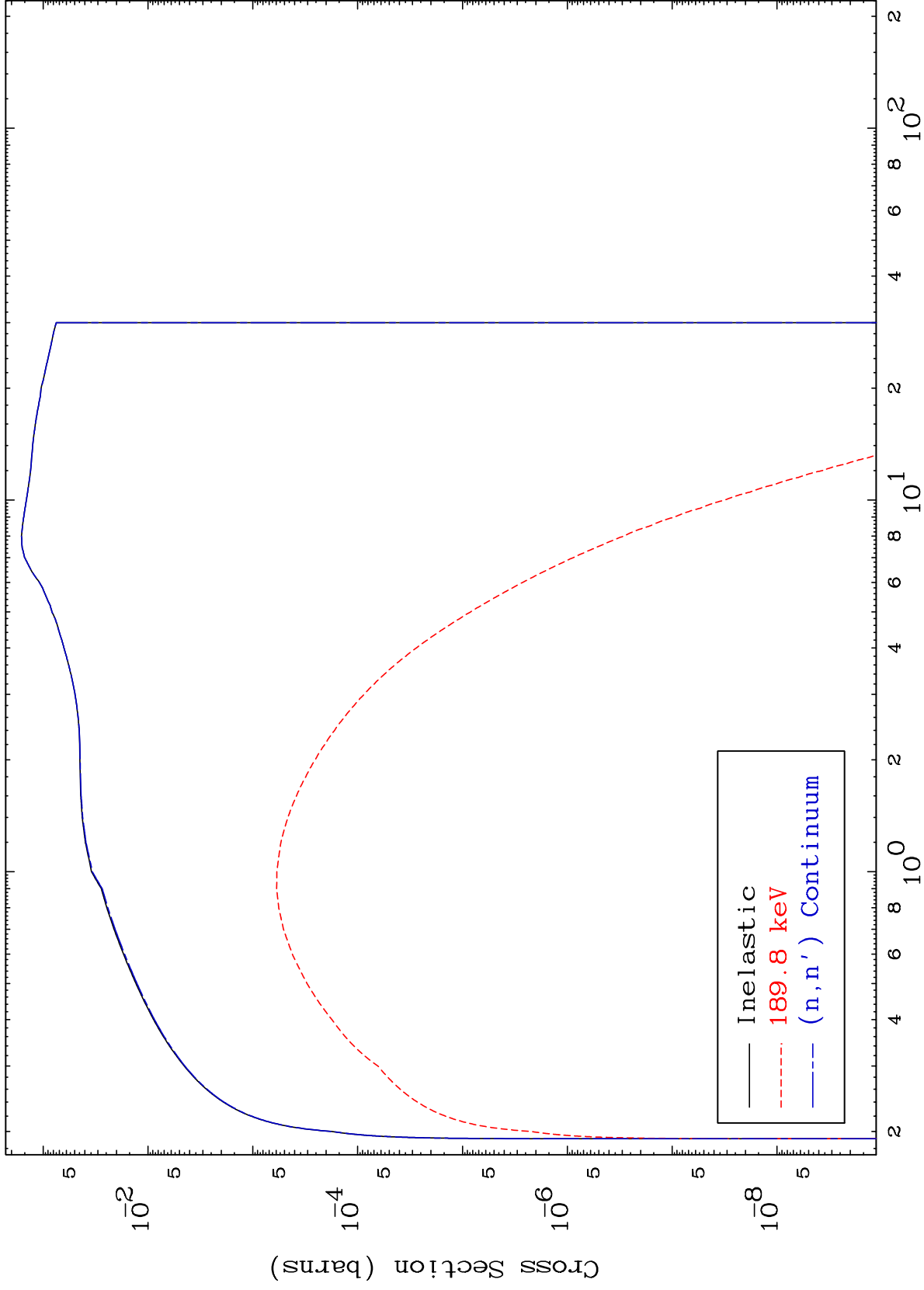




MAT 6380

(n,n') Level  
293 Kelvin Cross Sections

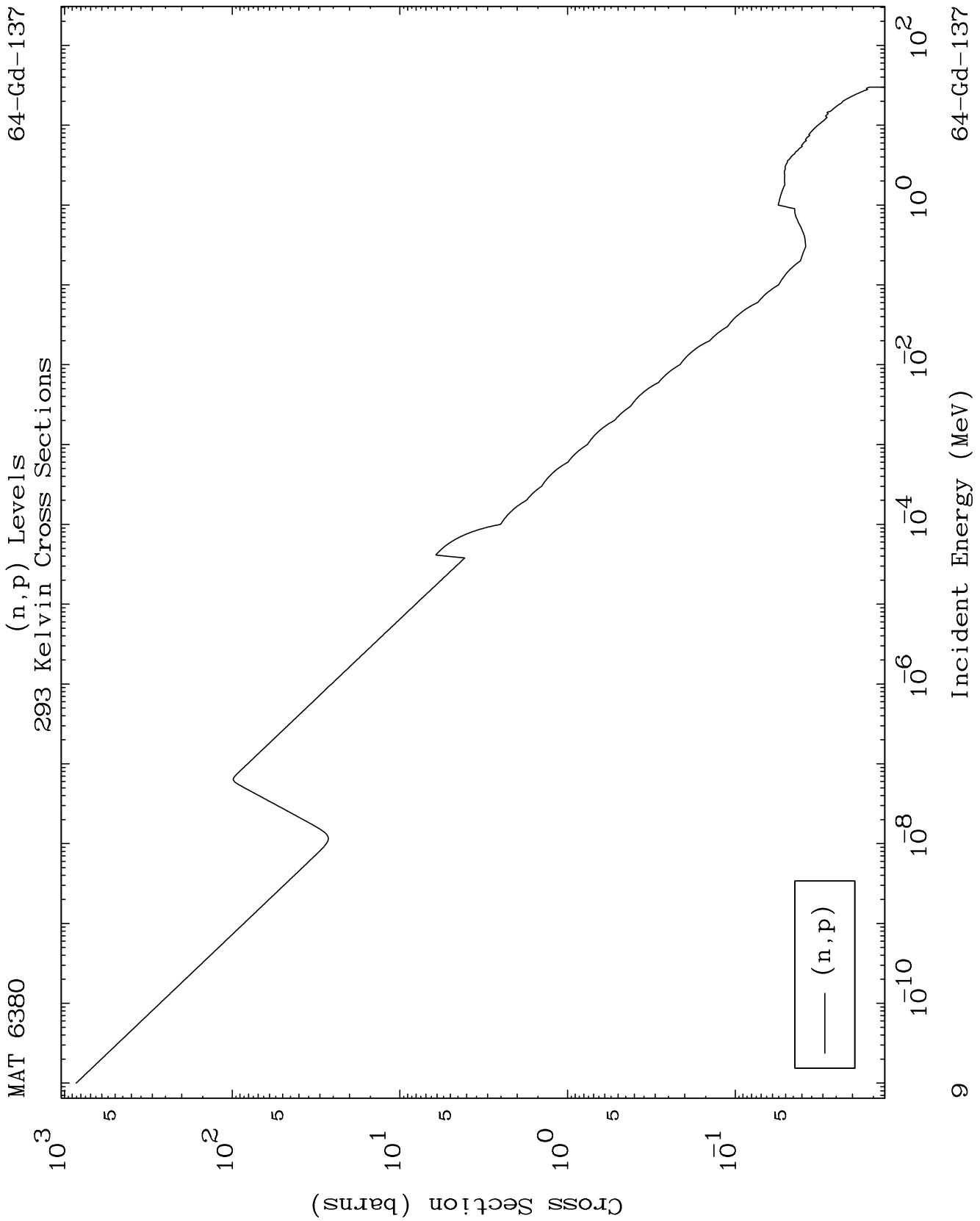
64-Gd-137



8

Incident Energy (MeV)

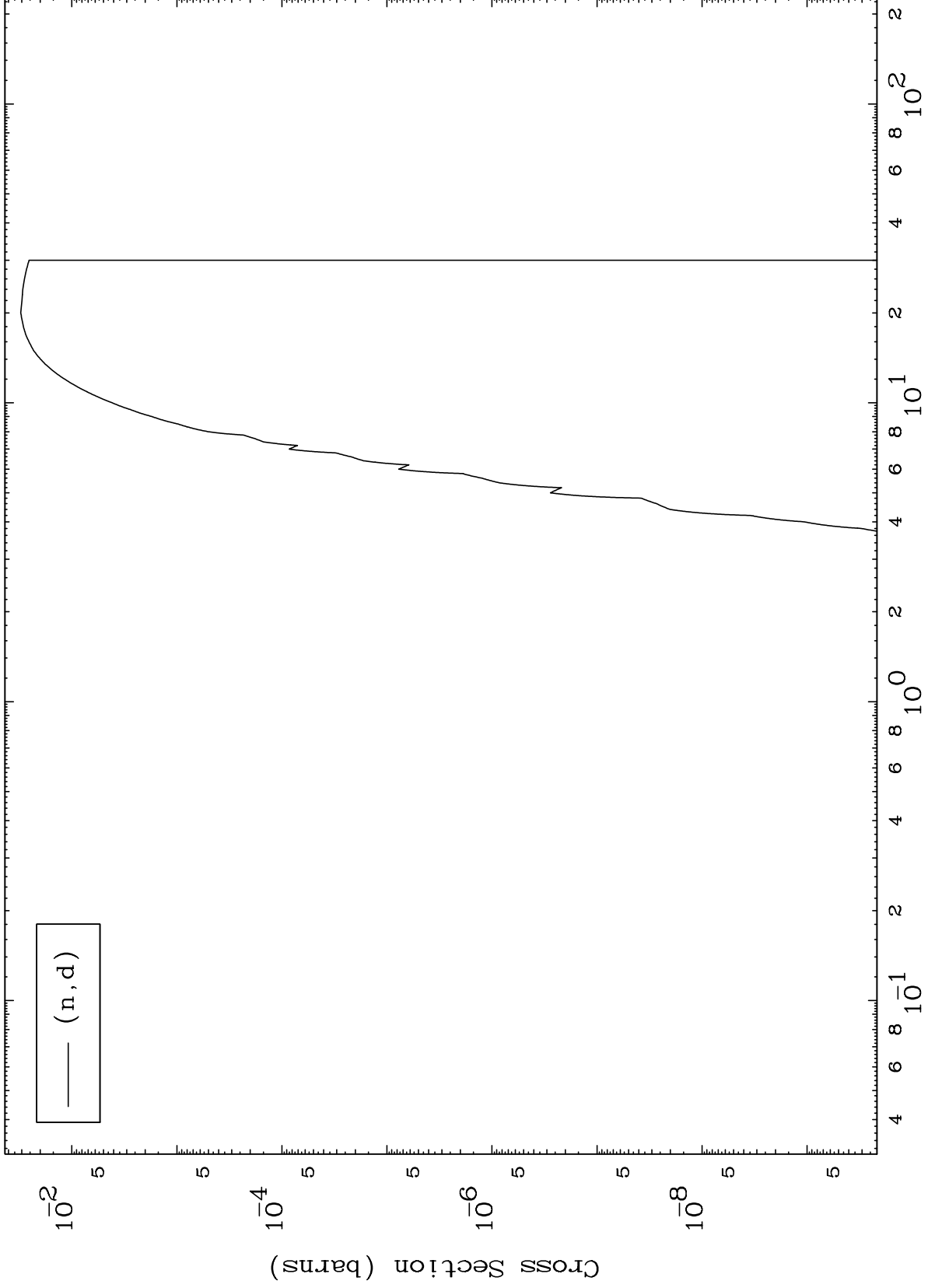
64-Gd-137



MAT 6380

(n,d) Levels  
293 Kelvin Cross Sections

64-Gd-137



10

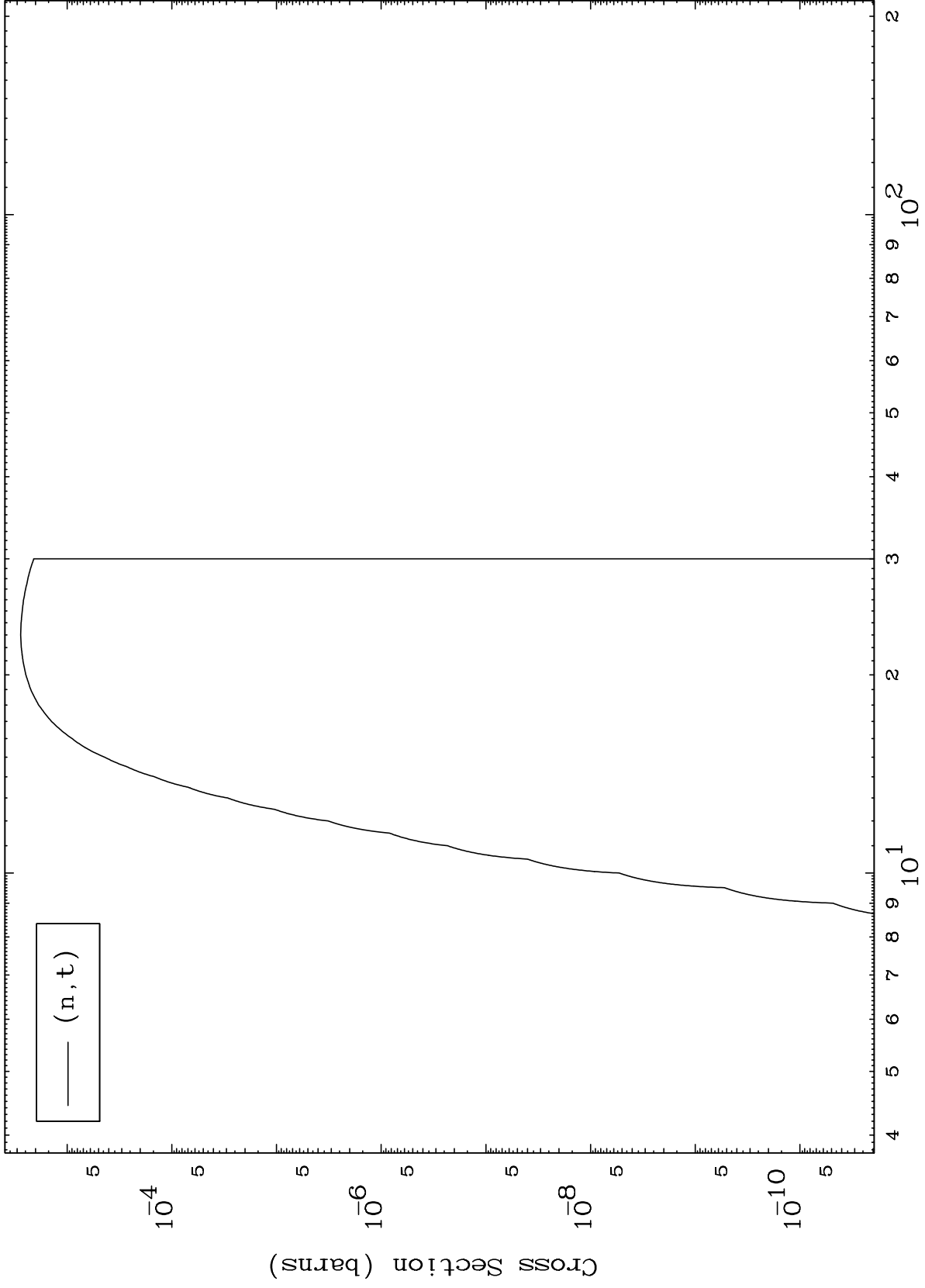
Incident Energy (MeV)

64-Gd-137

MAT 6380

(n,t) Levels  
293 Kelvin Cross Sections

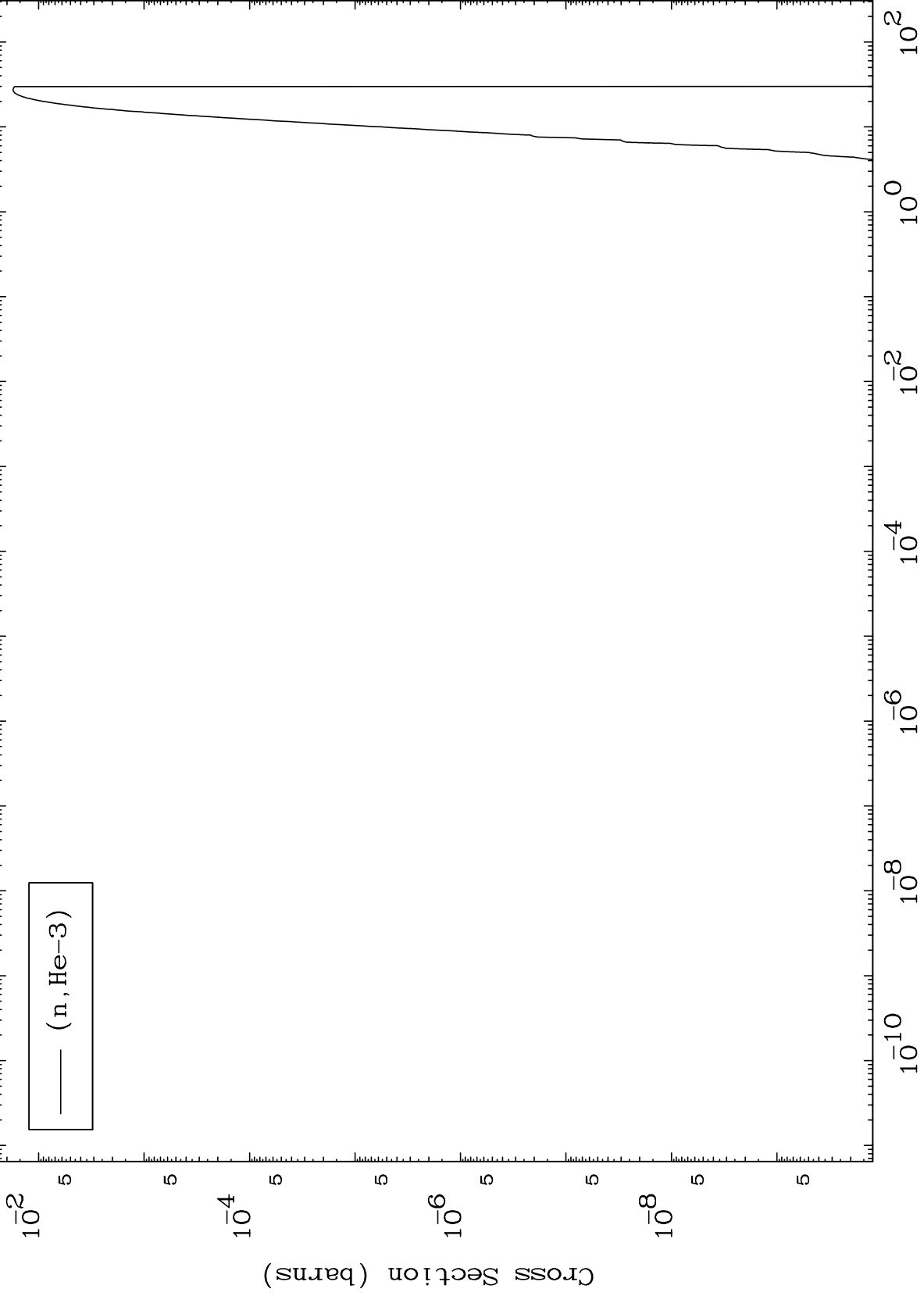
64-Gd-137



MAT 6380

(n,He3) Levels  
293 Kelvin Cross Sections

64-Gd-137



12

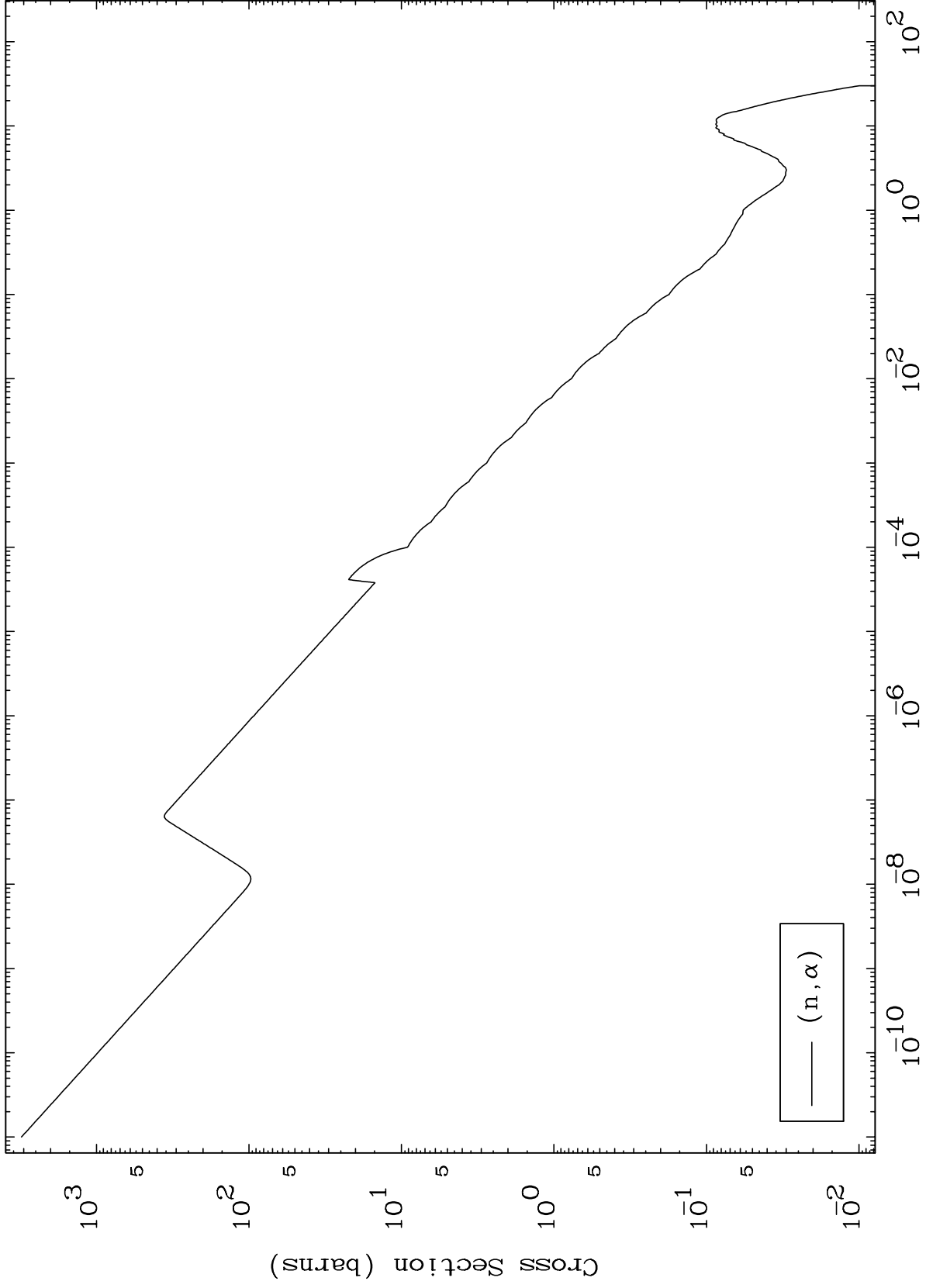
Incident Energy (MeV)

64-Gd-137

MAT 6380

(n,α) Levels  
293 Kelvin Cross Sections

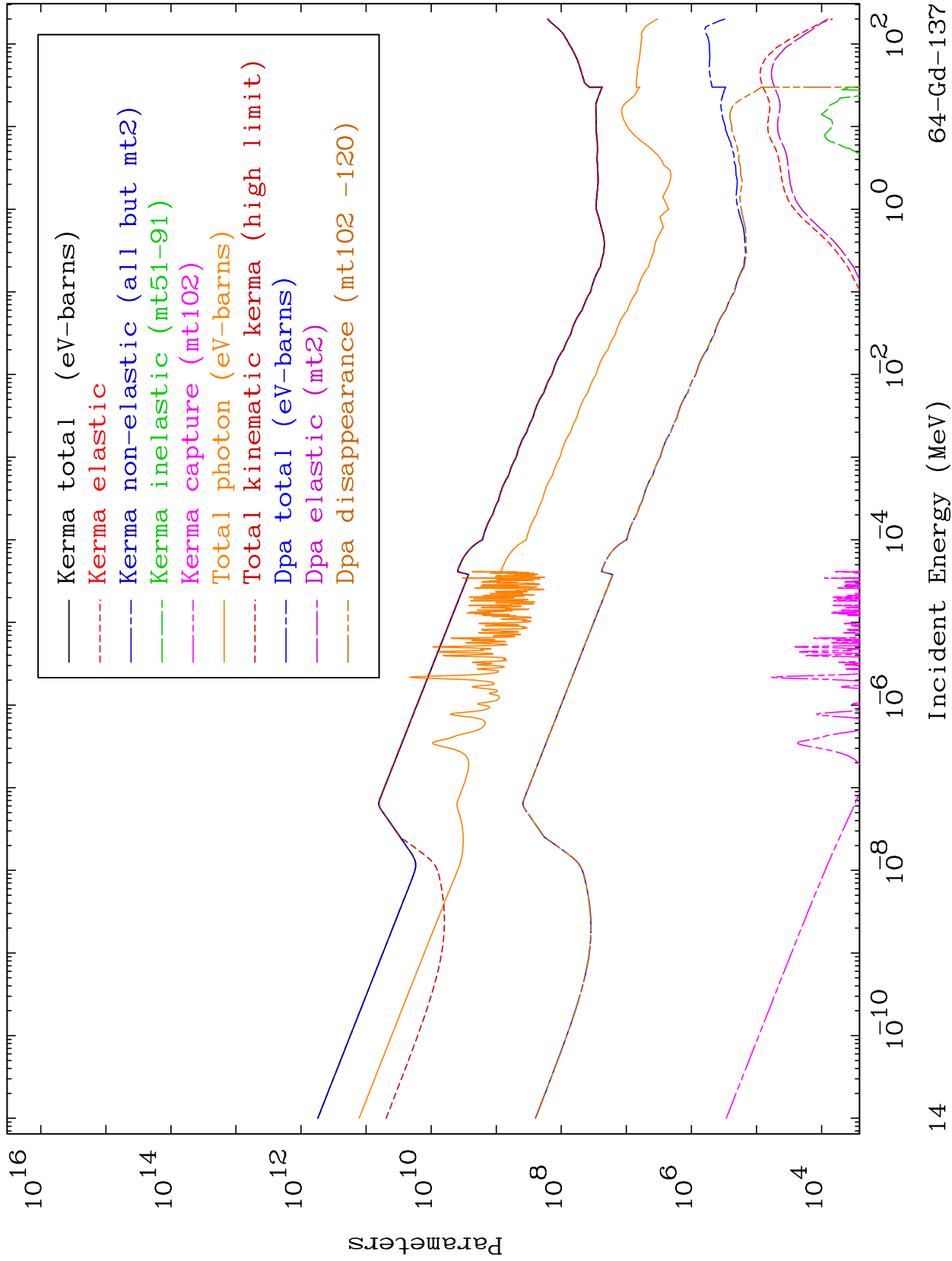
64-Gd-137

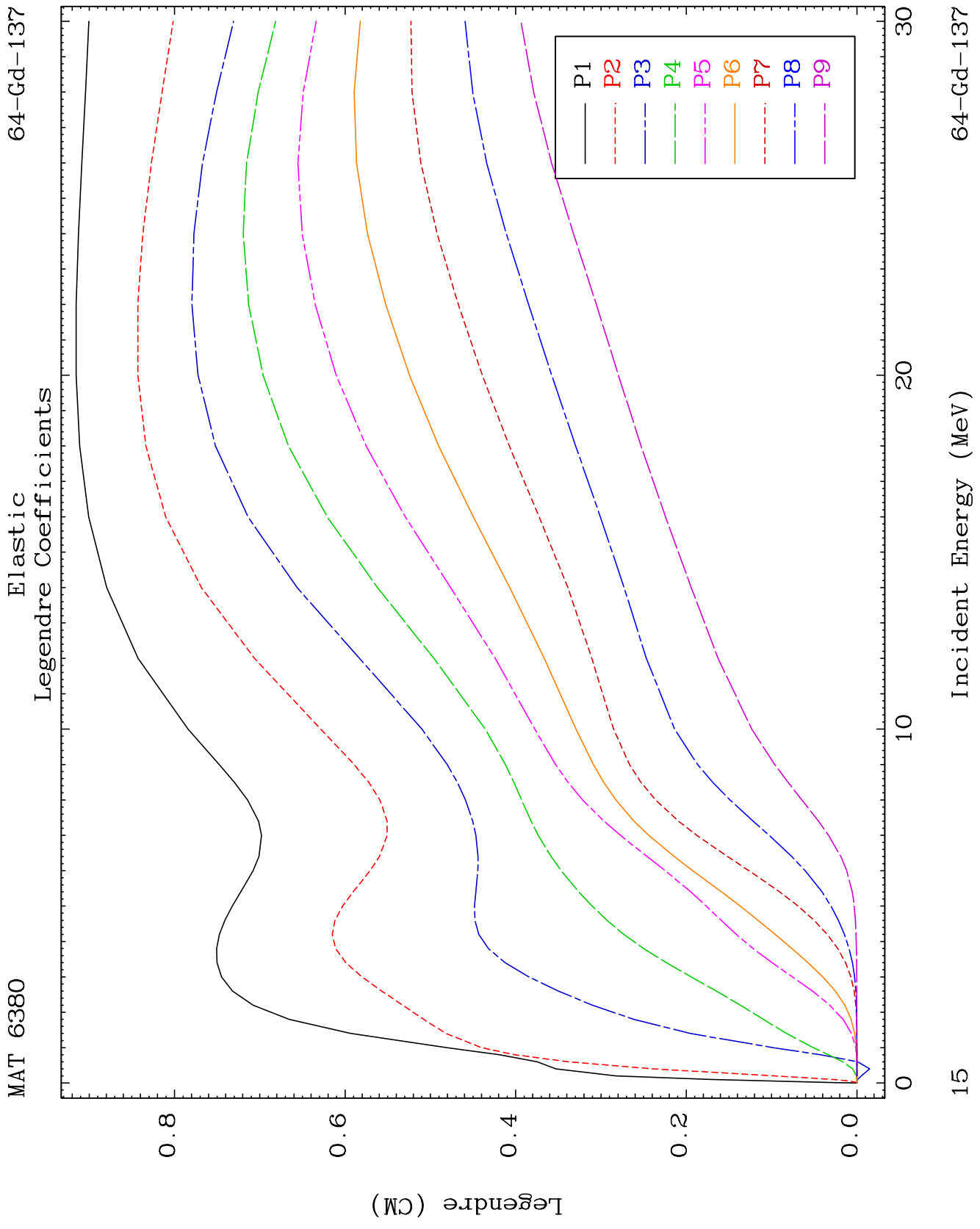


13

Incident Energy (MeV)

64-Gd-137



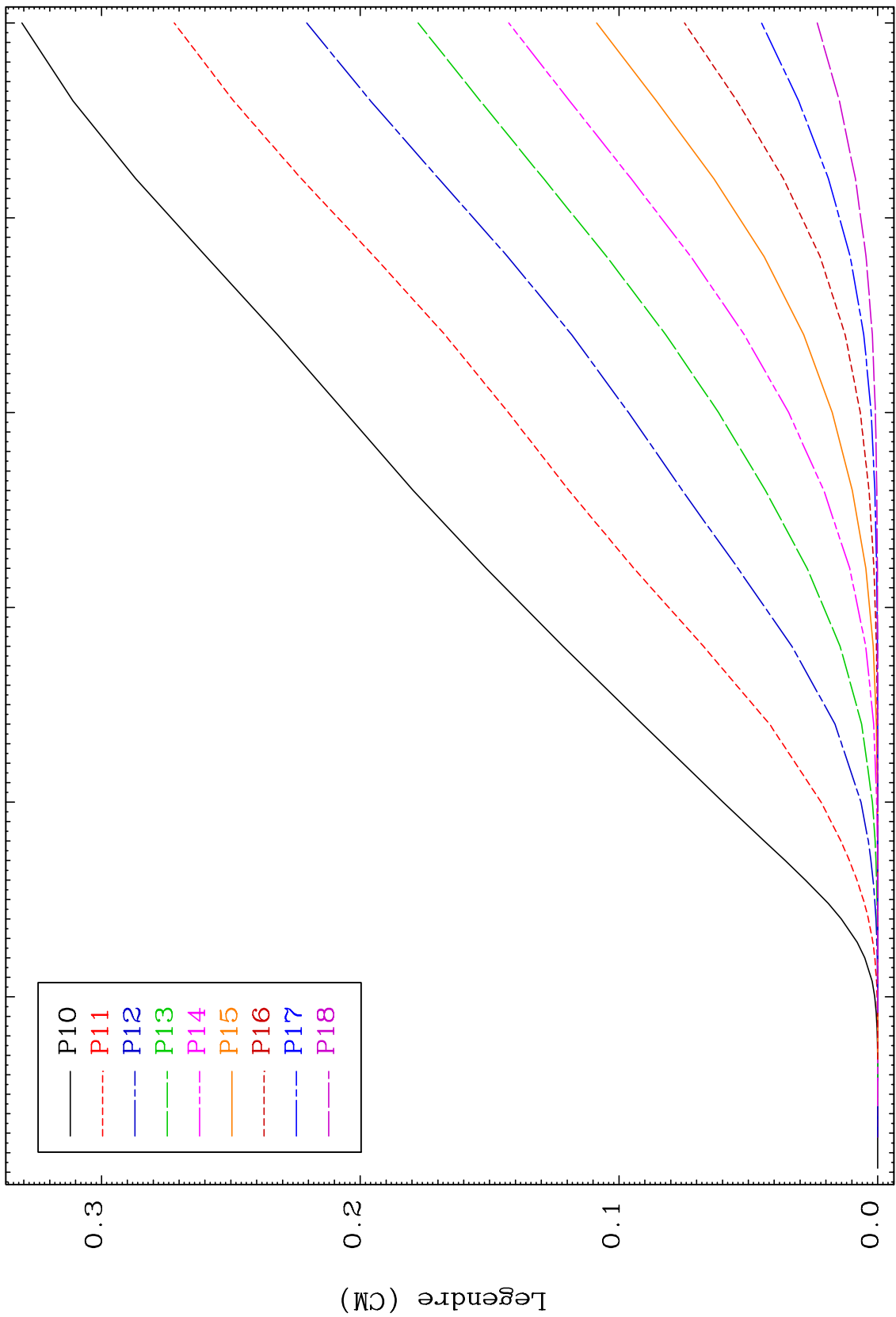




MAT 6380

Elastic Legendre Coefficients

64-Gd-137



16

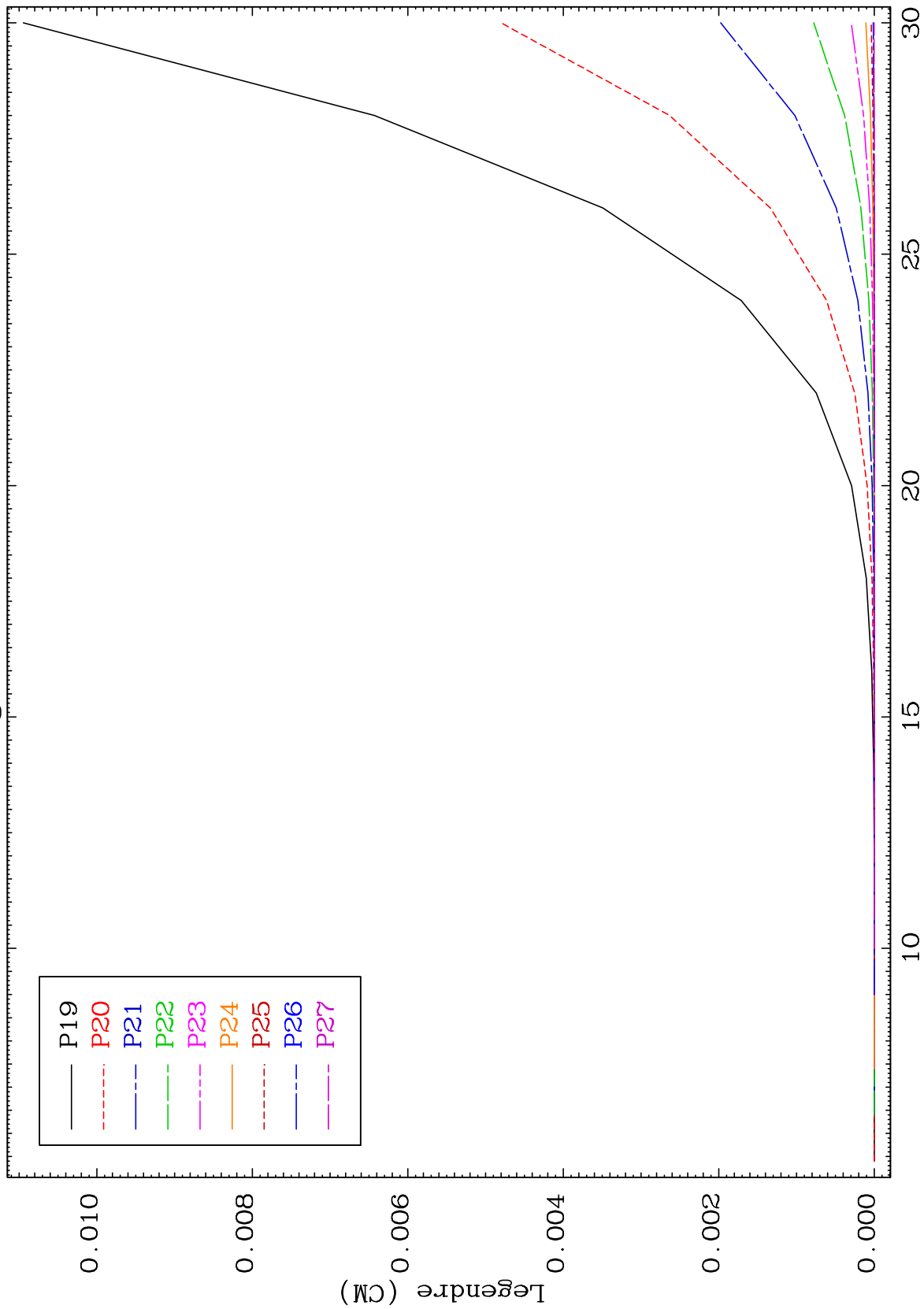
Incident Energy (MeV)

64-Gd-137

MAT 6380

### Elastic Legendre Coefficients

64-Gd-137



17

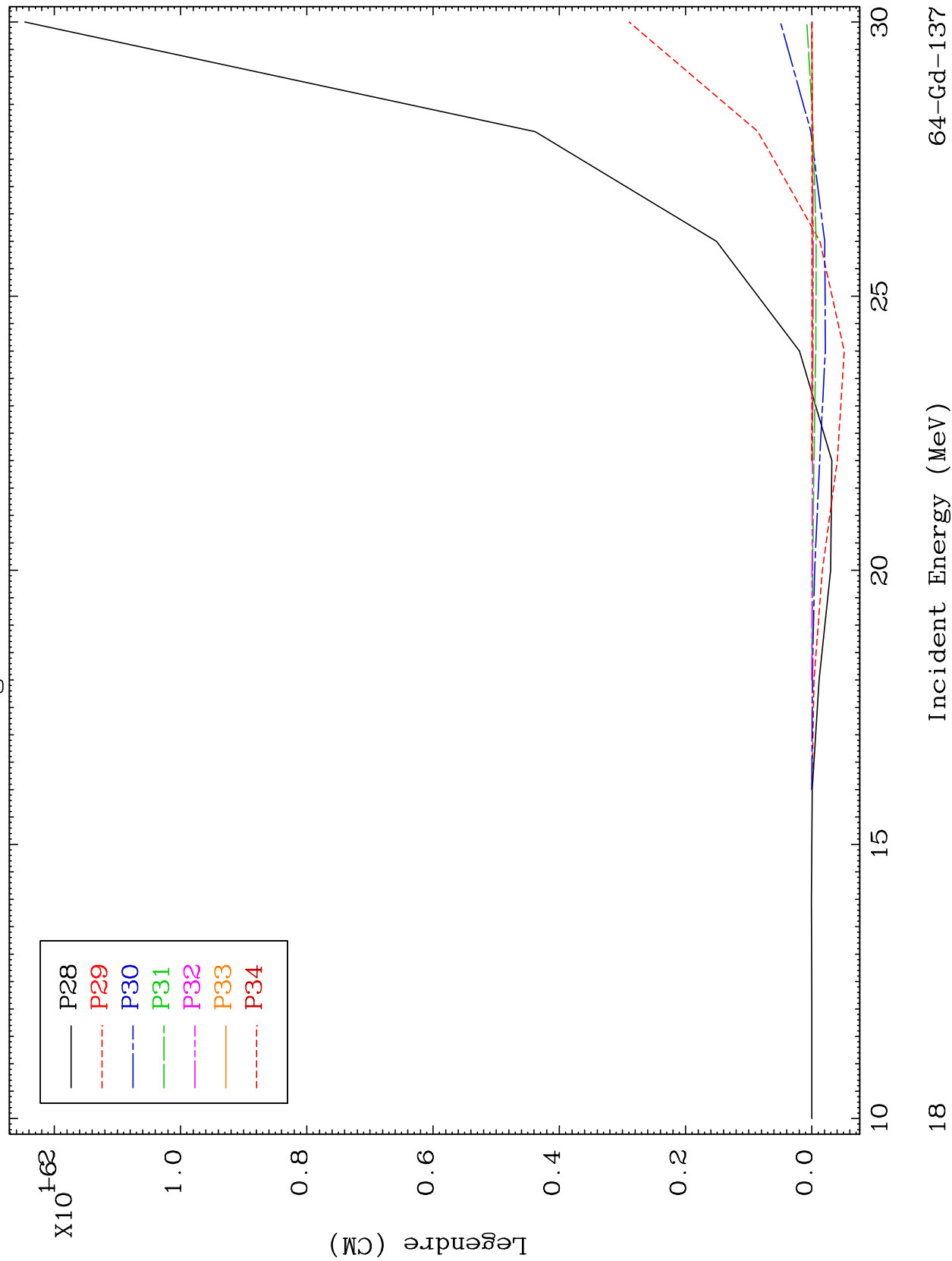
Incident Energy (MeV)

64-Gd-137

MAT 6380

Elastic  
Legendre Coefficients

64-Gd-137



18

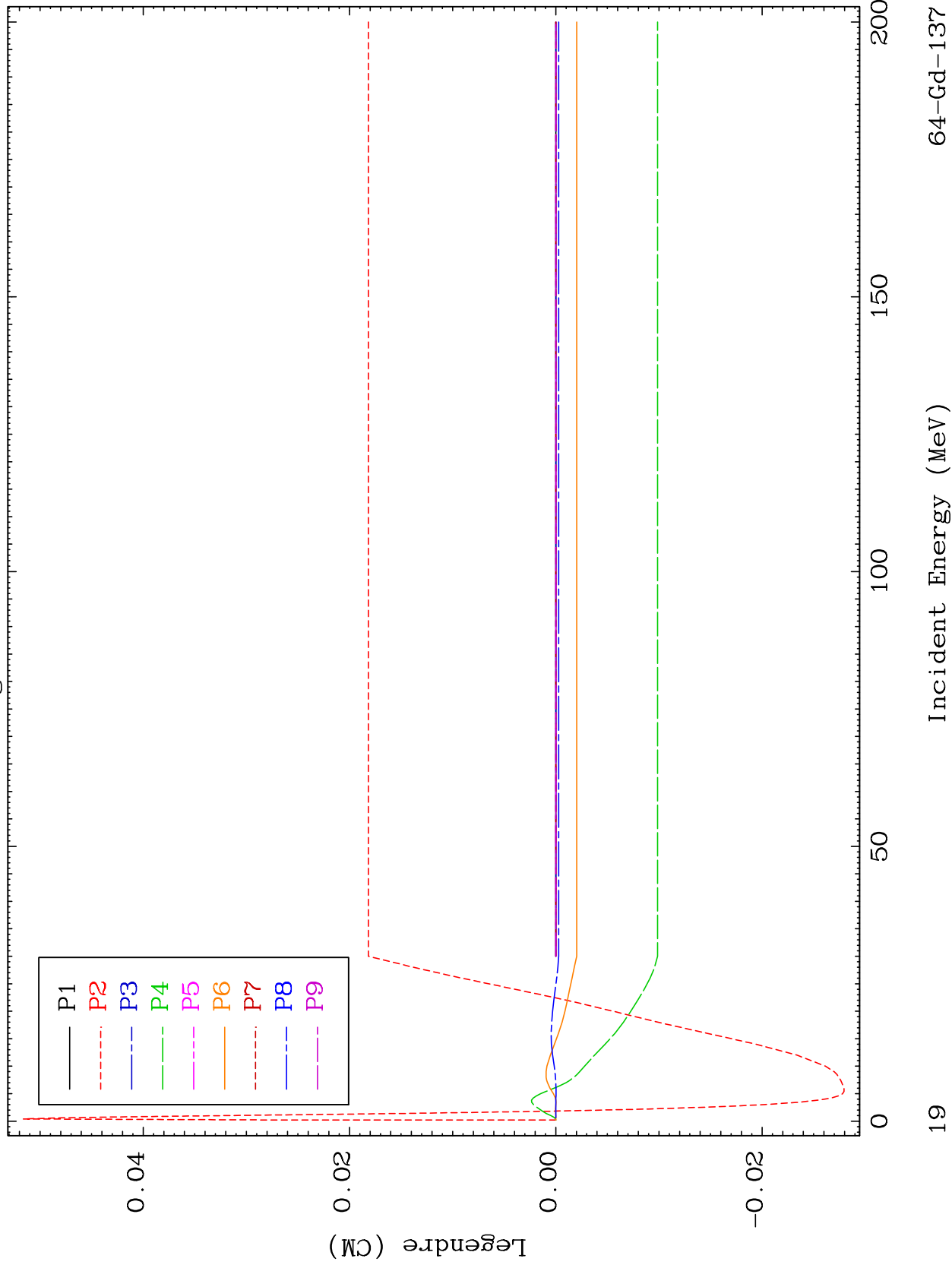
Incident Energy (MeV)

64-Gd-137

MAT 6380

189.8 keV (n,n') Level  
Legendre Coefficients

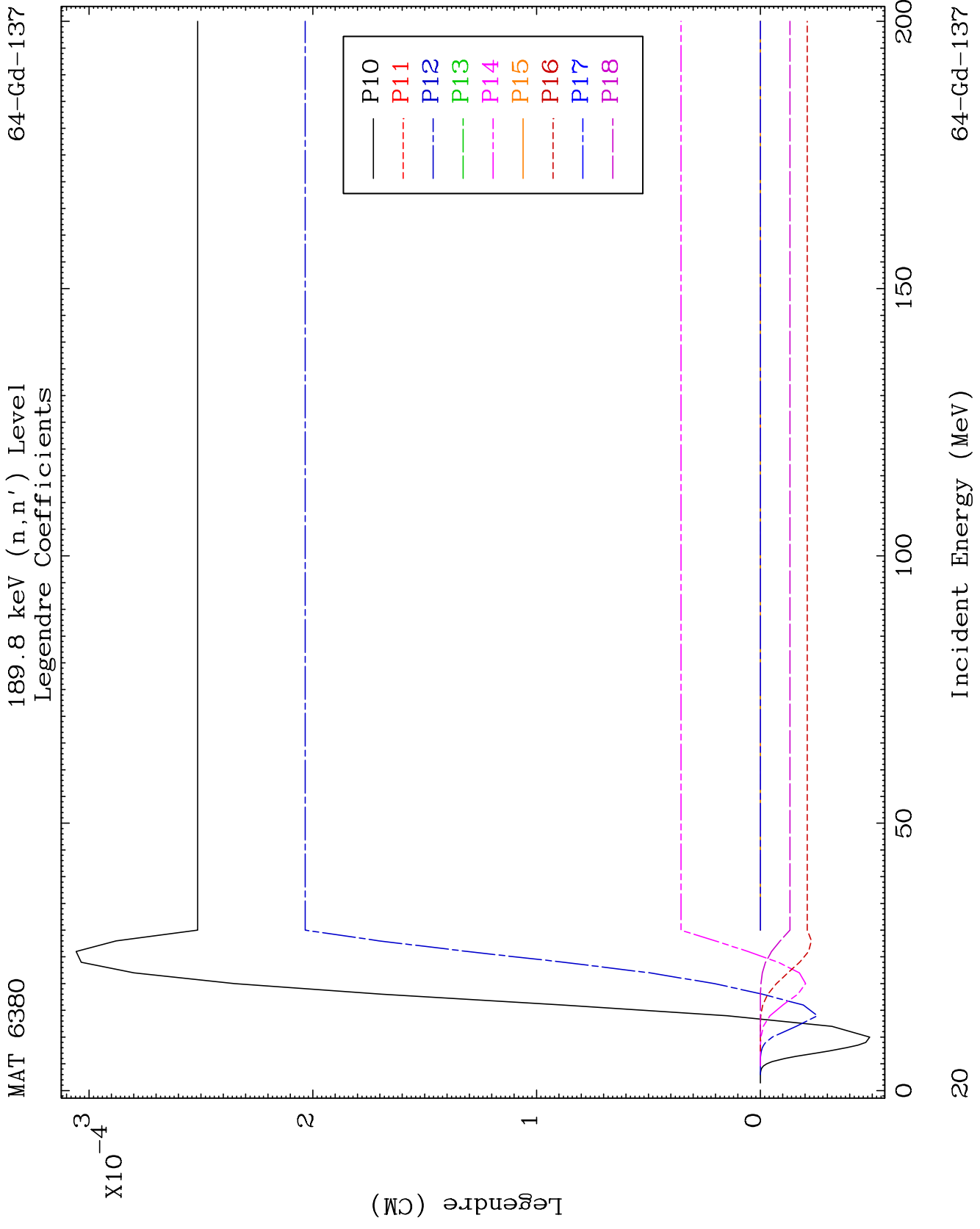
64-Gd-137

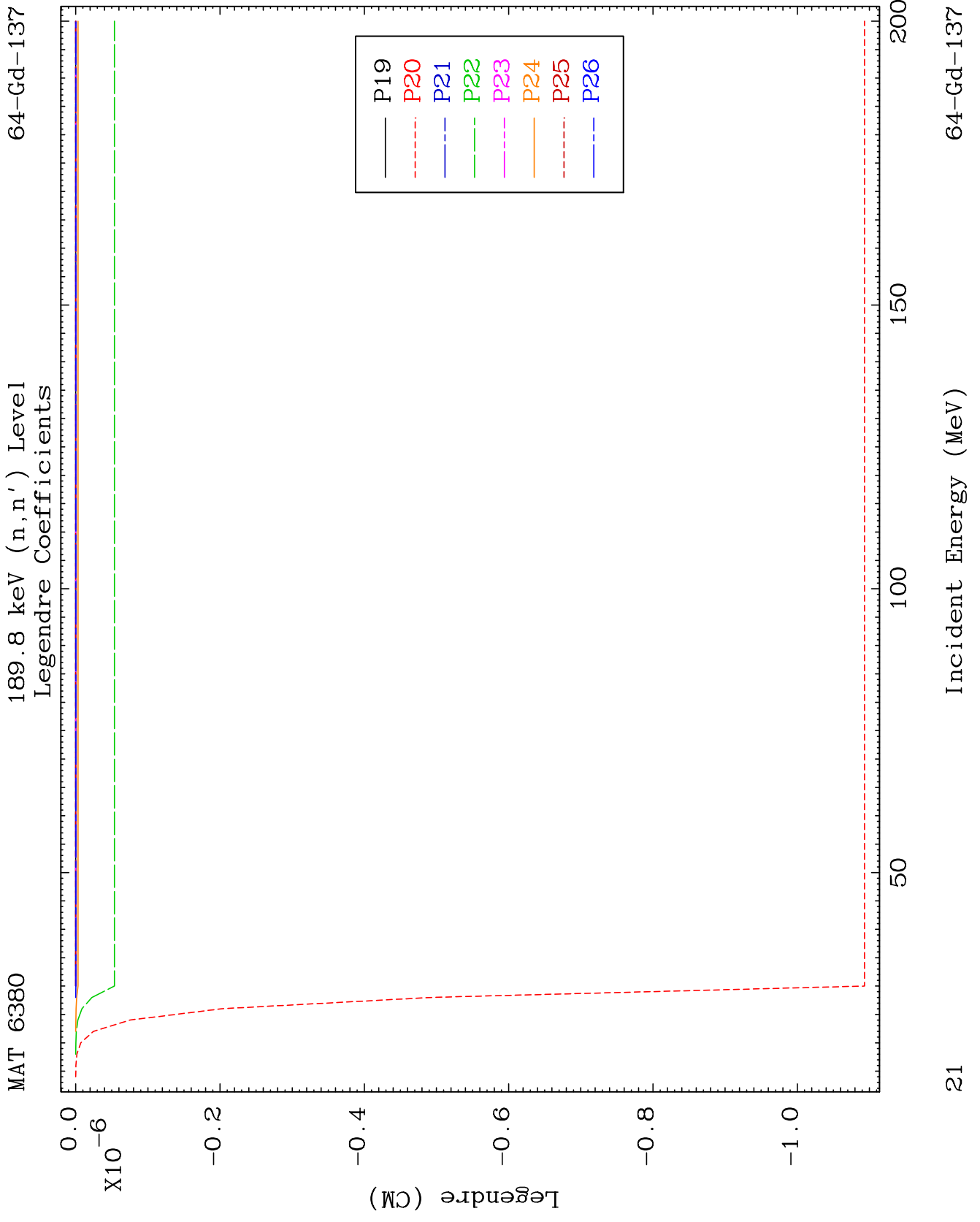


19

Incident Energy (MeV)

64-Gd-137



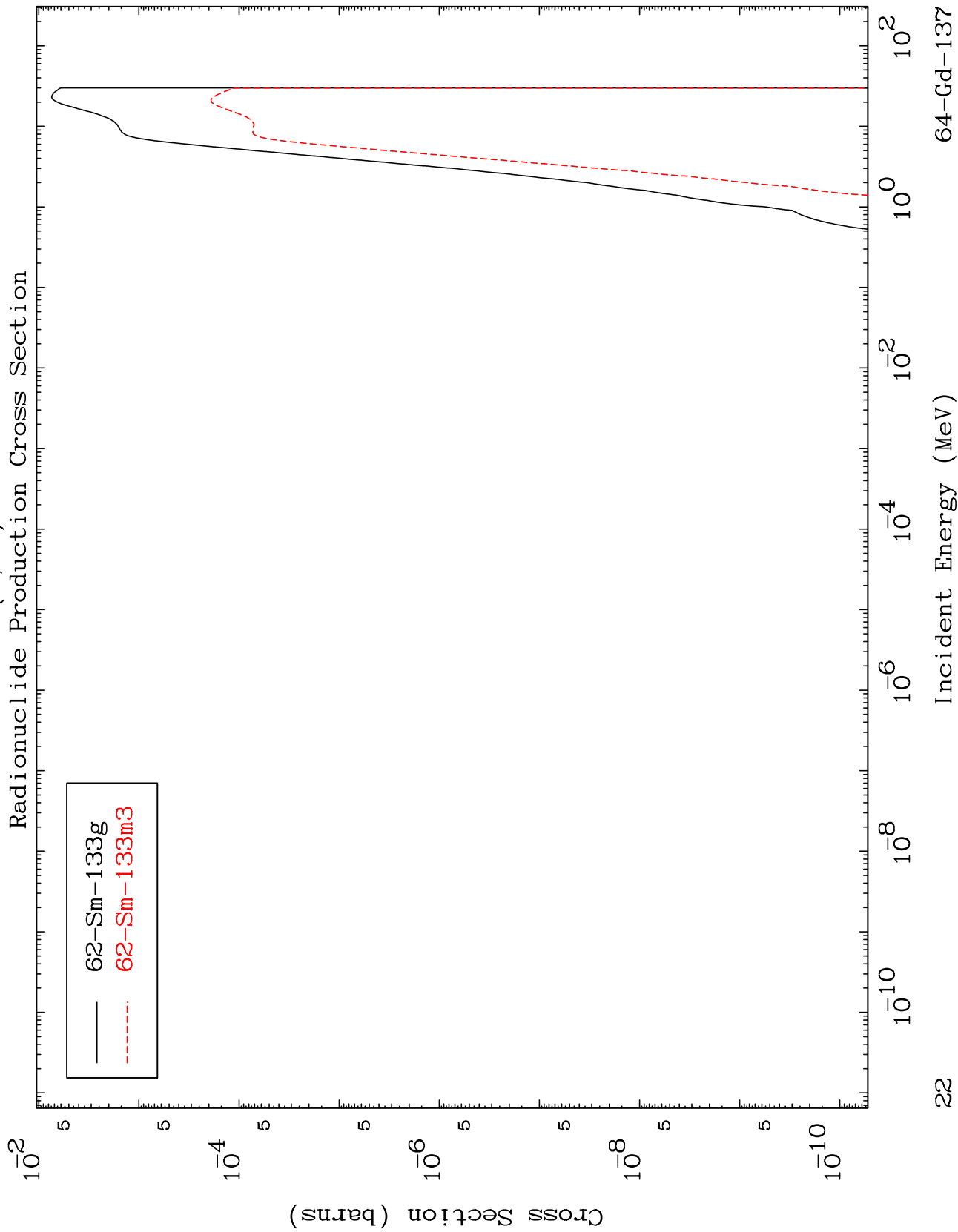


MAT 6380

$(n, n') \alpha$

64-Gd-137

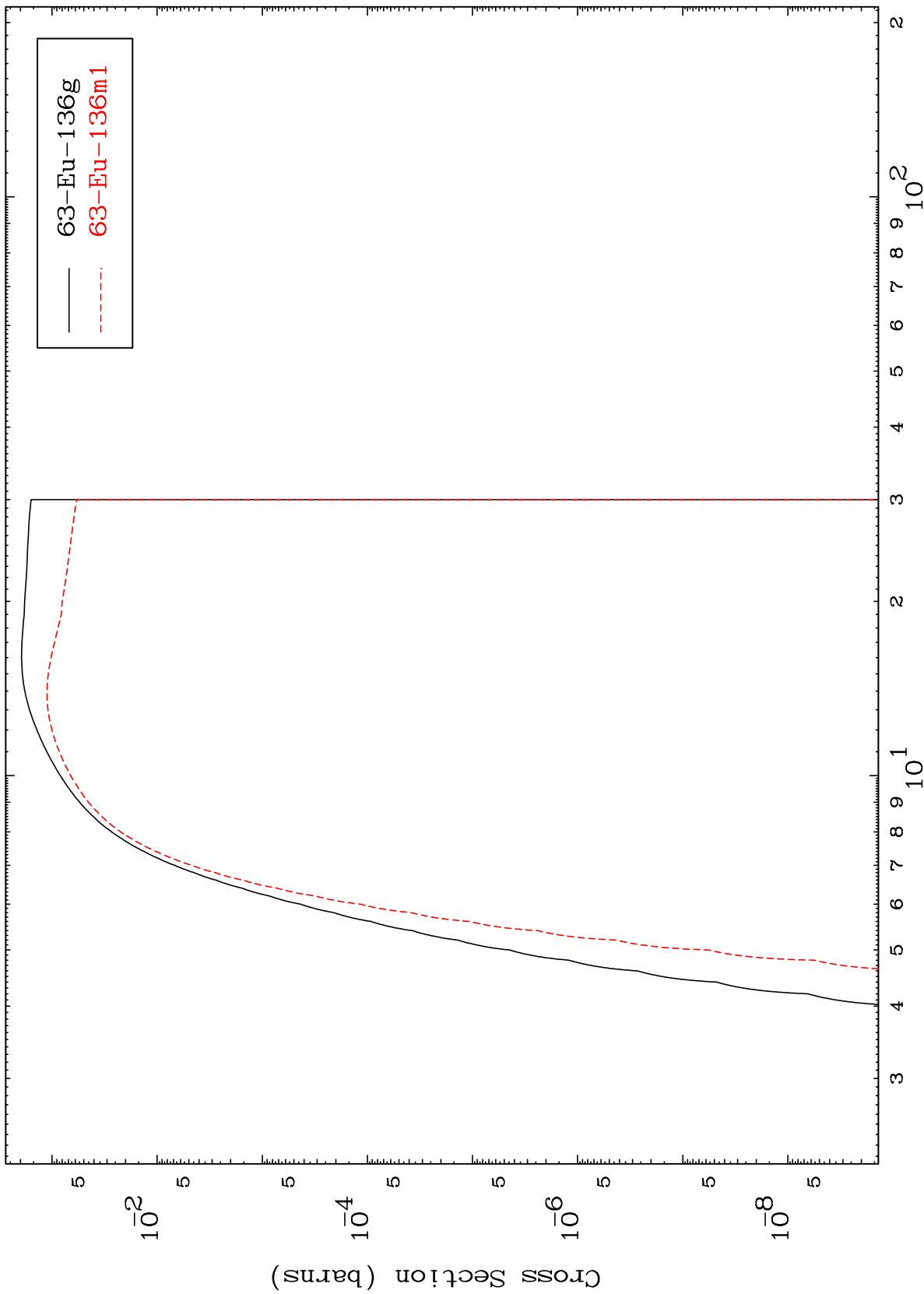
Radionuclide Production Cross Section



MAT 6380

64-Gd-137

(n,n') p  
Radionuclide Production Cross Section



23

64-Gd-137

Incident Energy (MeV)

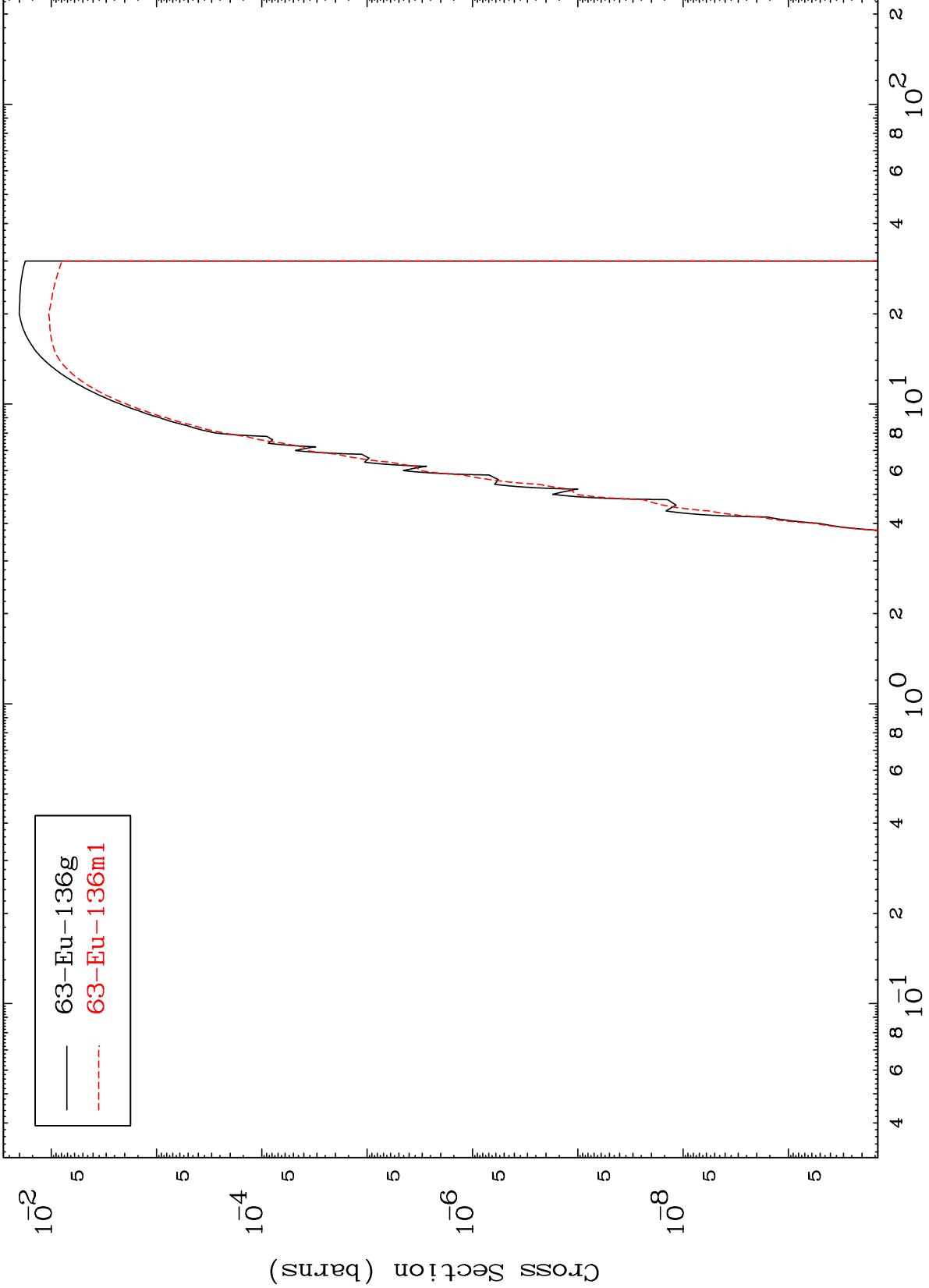


MAT 6380

(n, d)

64-Gd-137

Radionuclide Production Cross Section



63-Eu-136g  
63-Eu-136m1

MAT 6380

(n,p)  $\alpha$

64-Gd-137

Radionuclide Production Cross Section

