

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

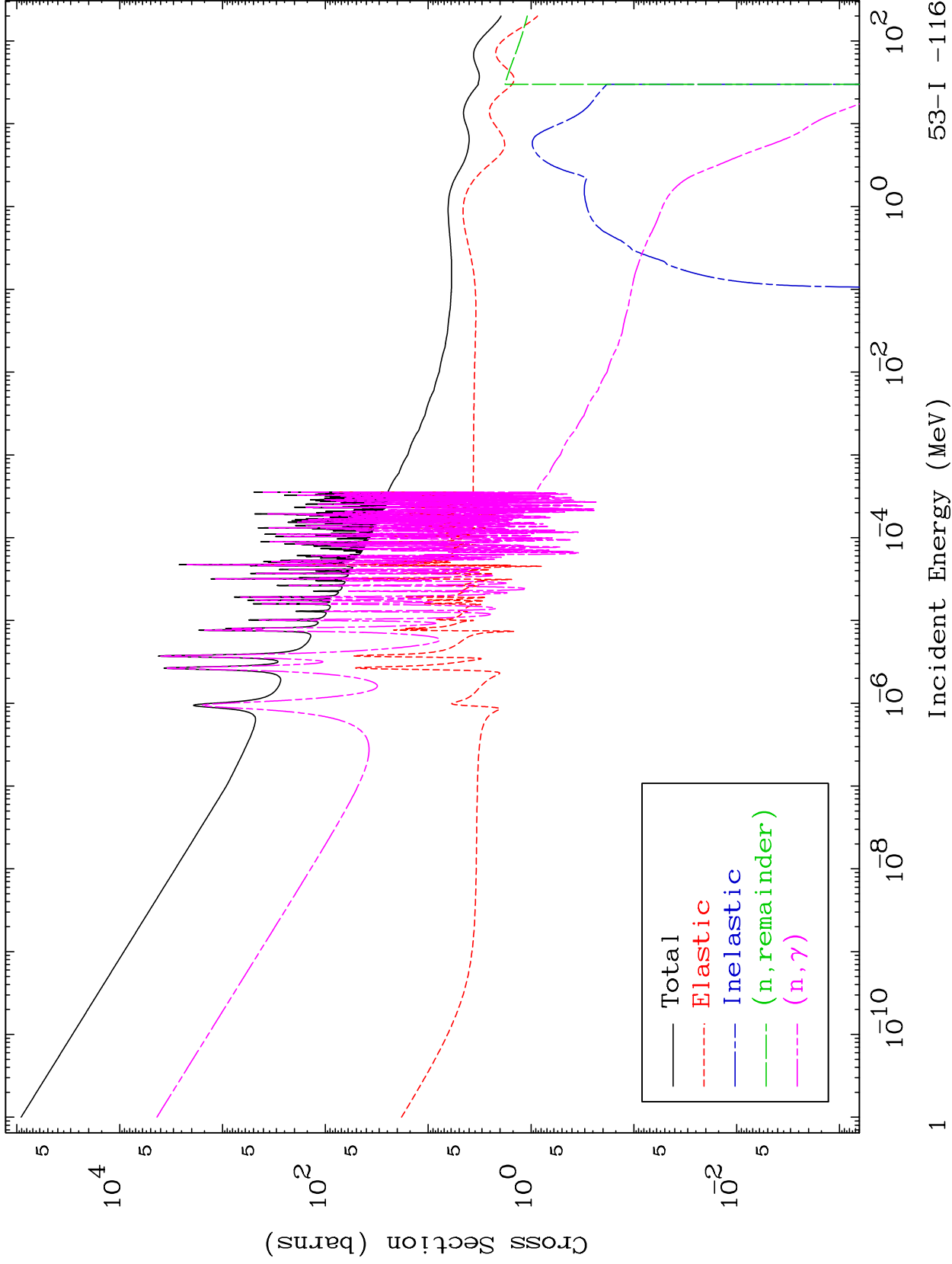
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5292

Major
293 Kelvin Cross Sections

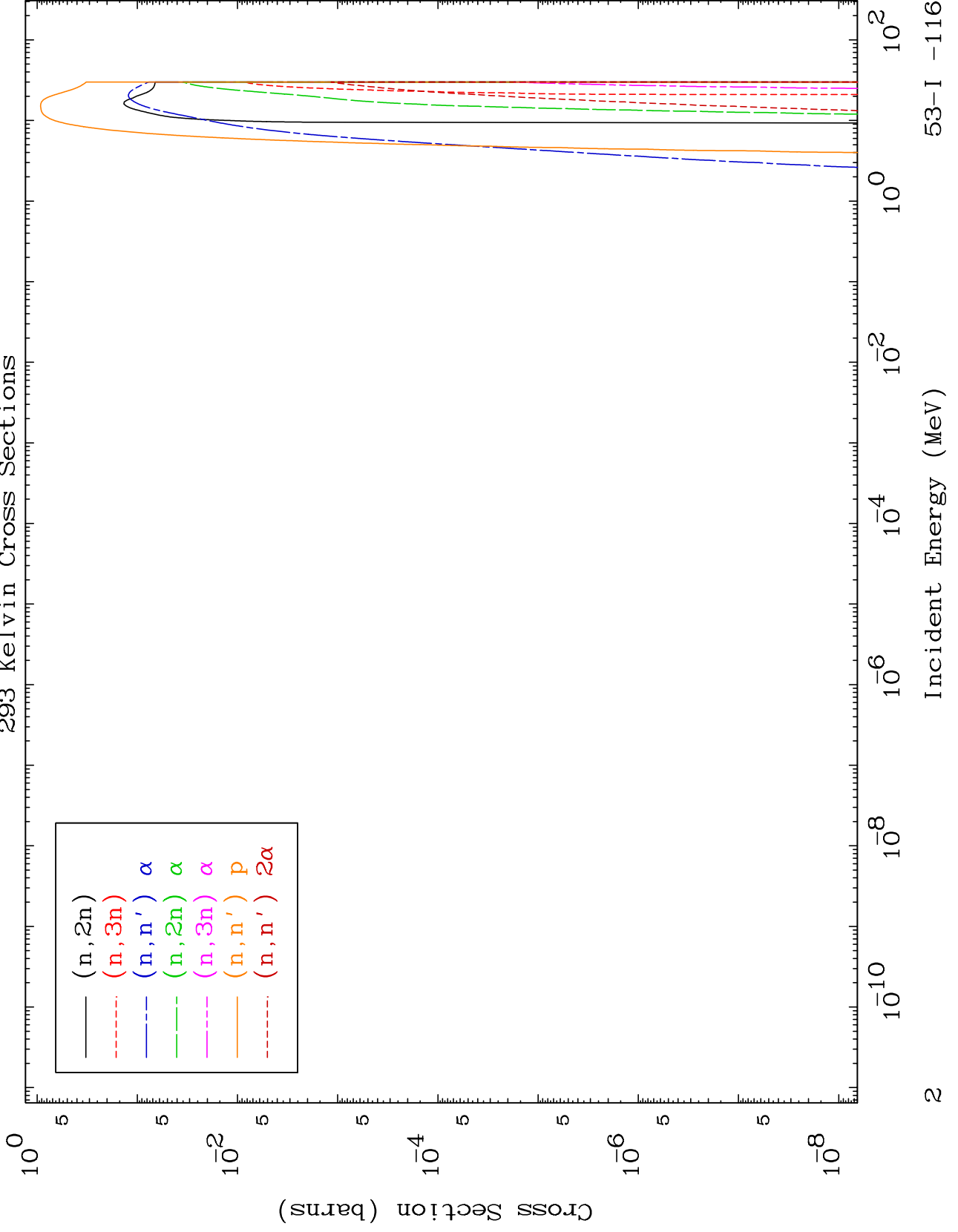
53-I -116

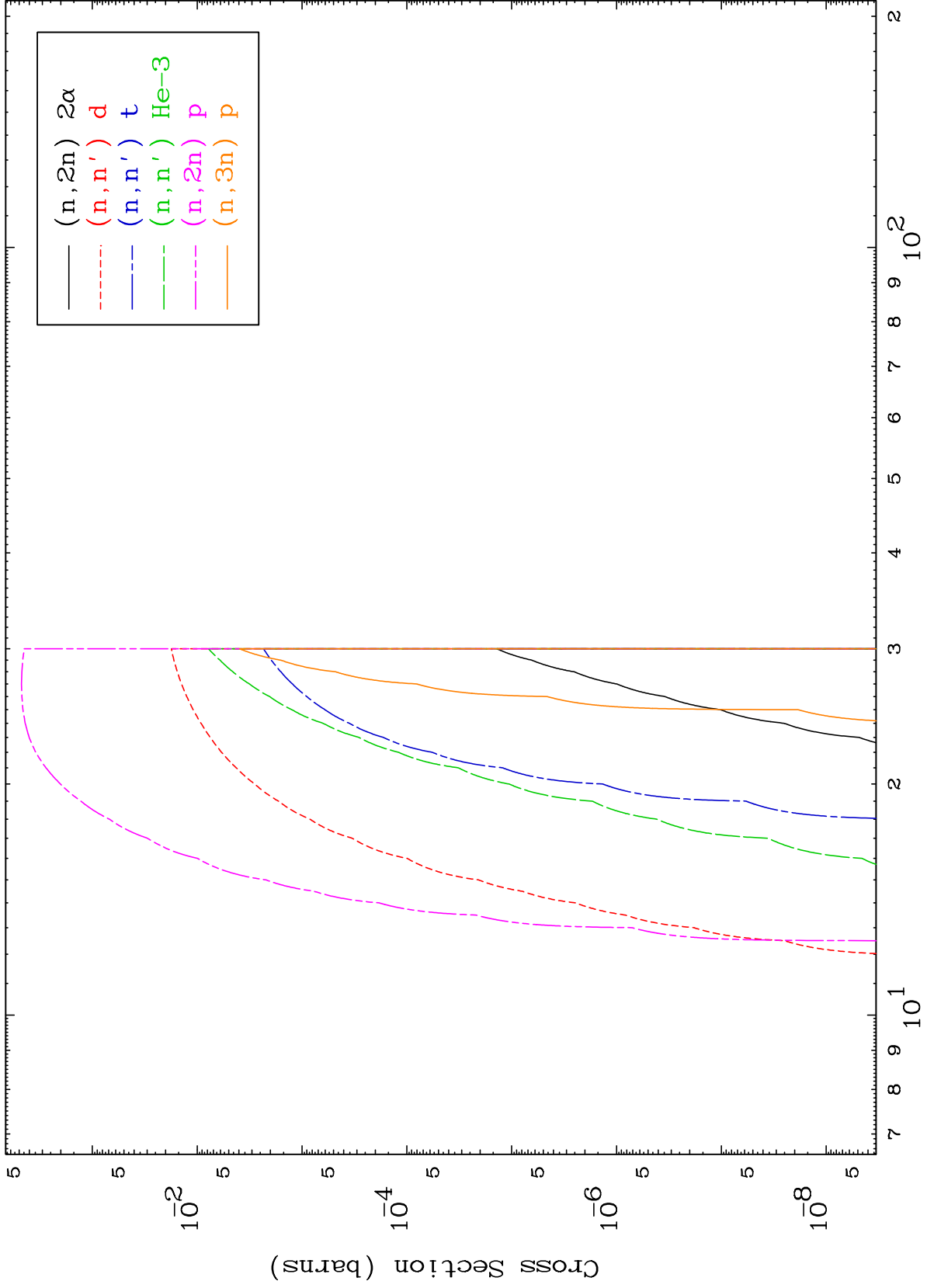


MAT 5292

Neutron Production
293 Kelvin Cross Sections

53-I -116

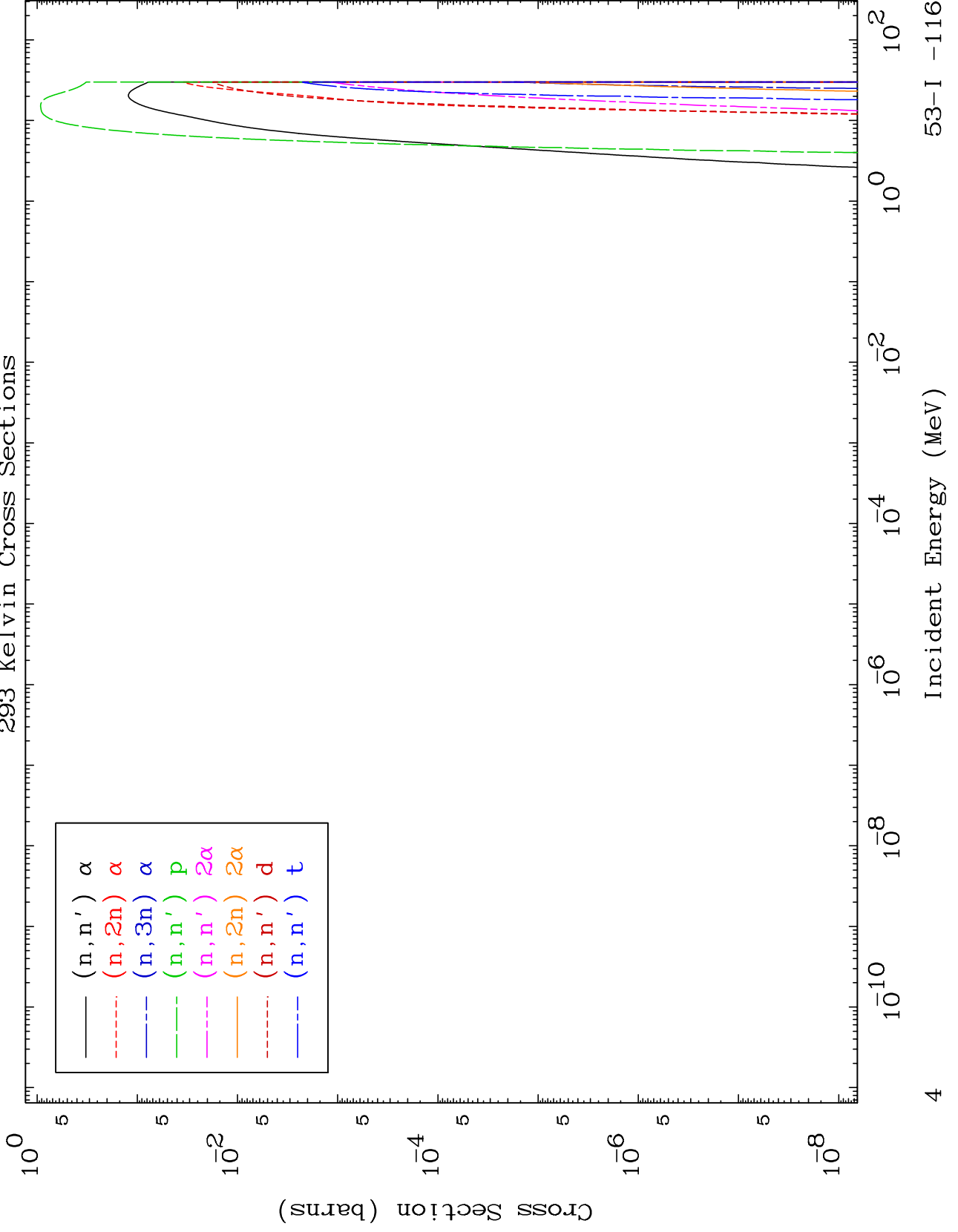


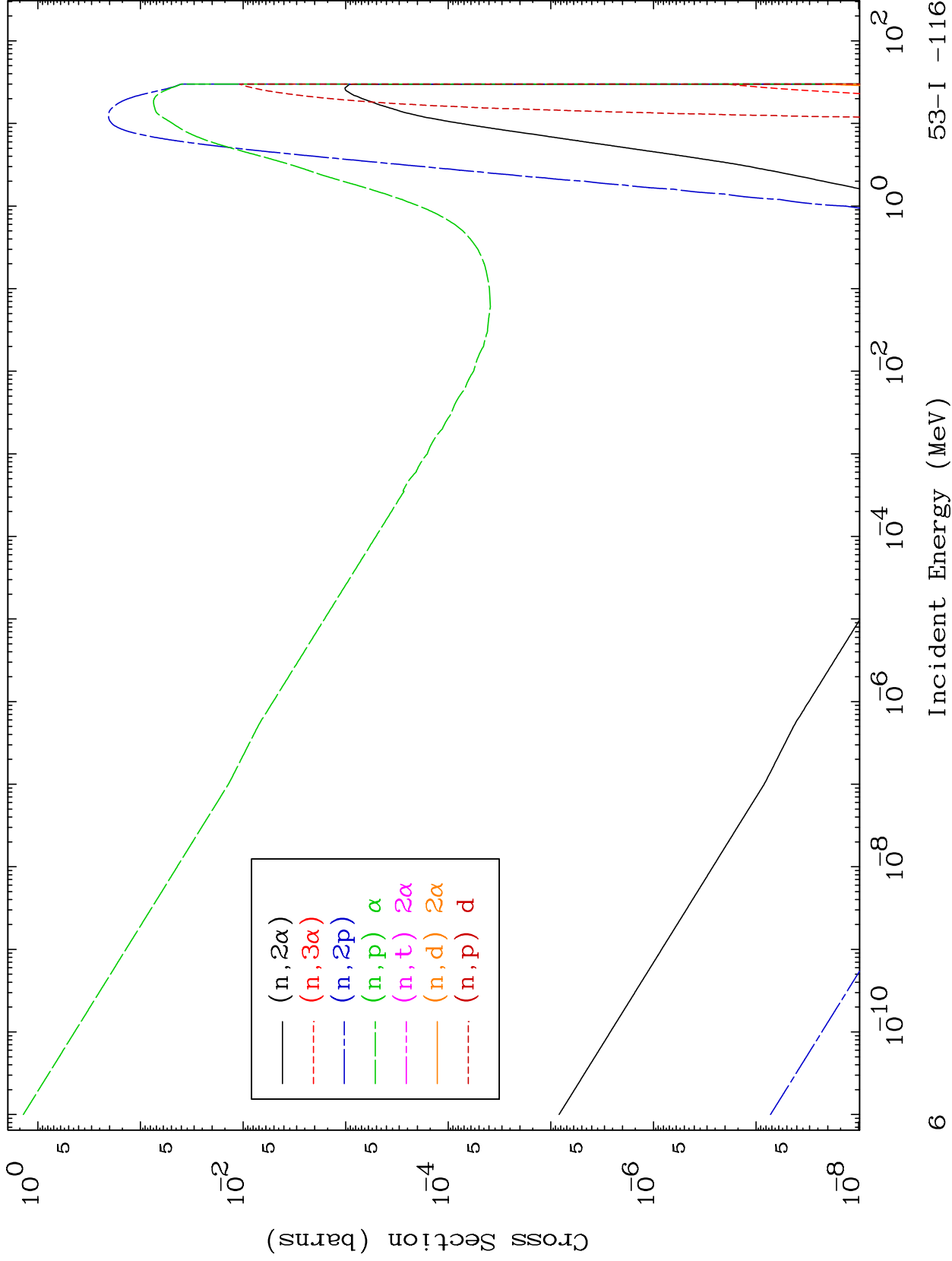


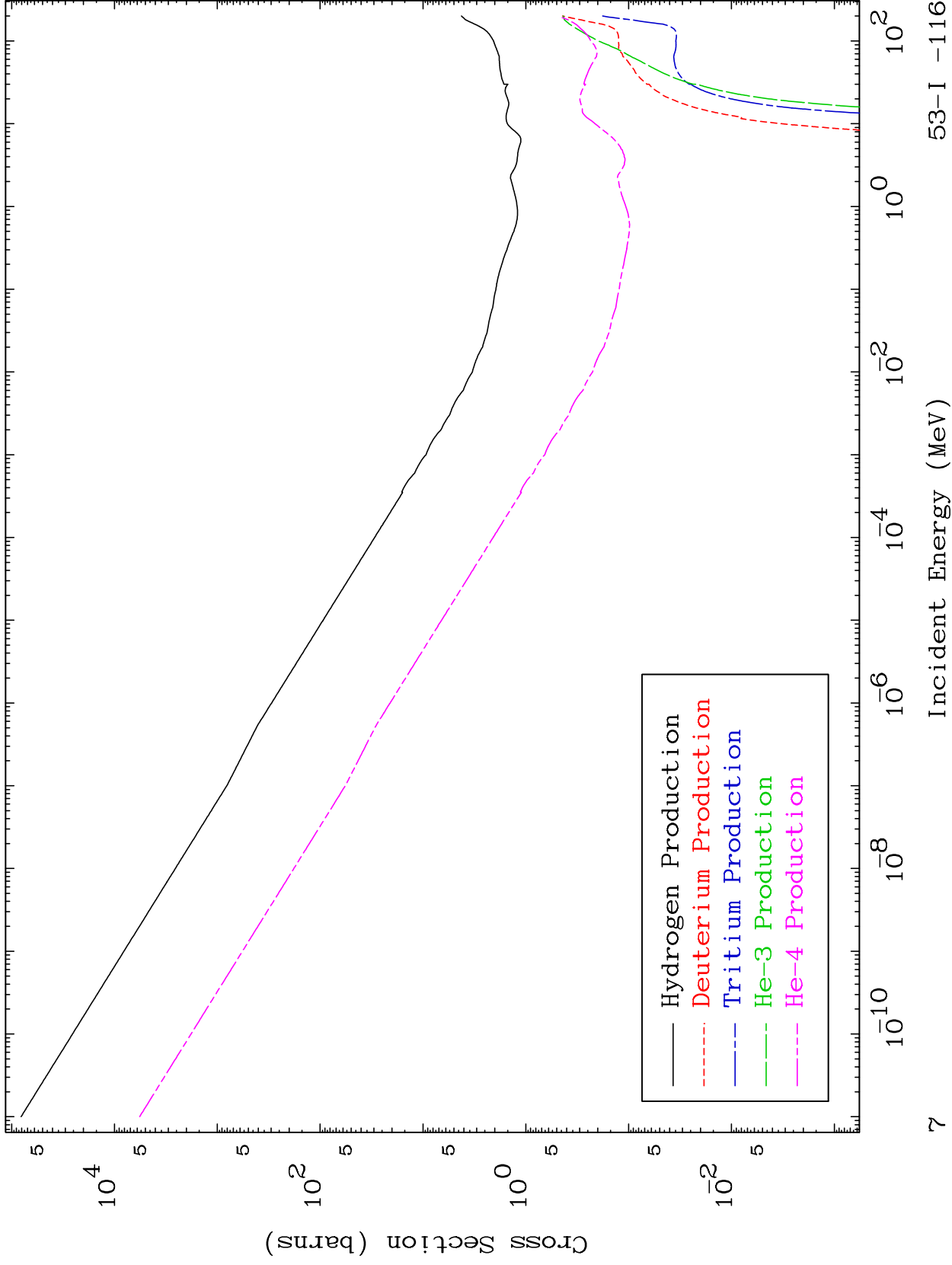
MAT 5292

Charged Particle
293 Kelvin Cross Sections

53-I -116



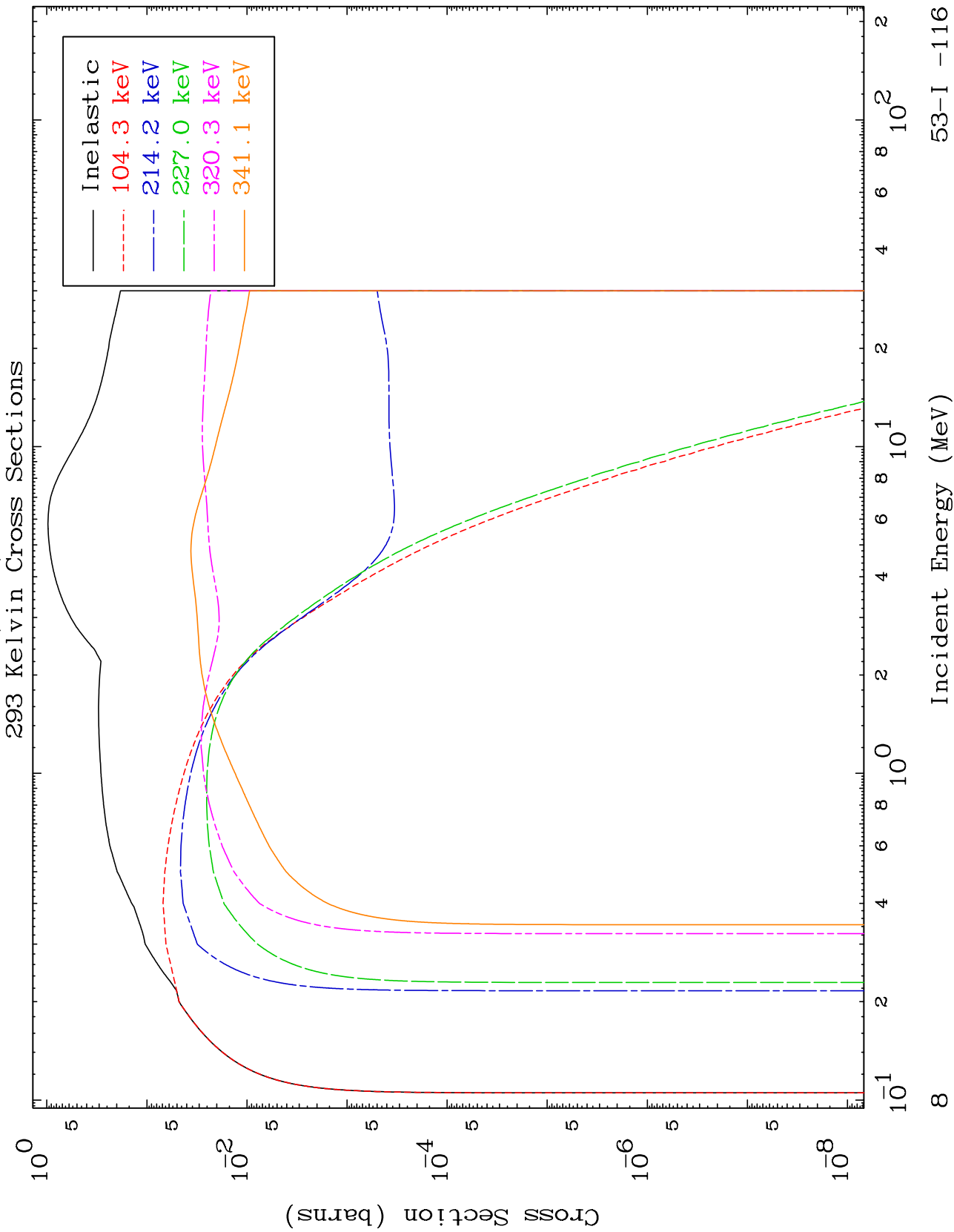




MAT 5292

(n,n') Level

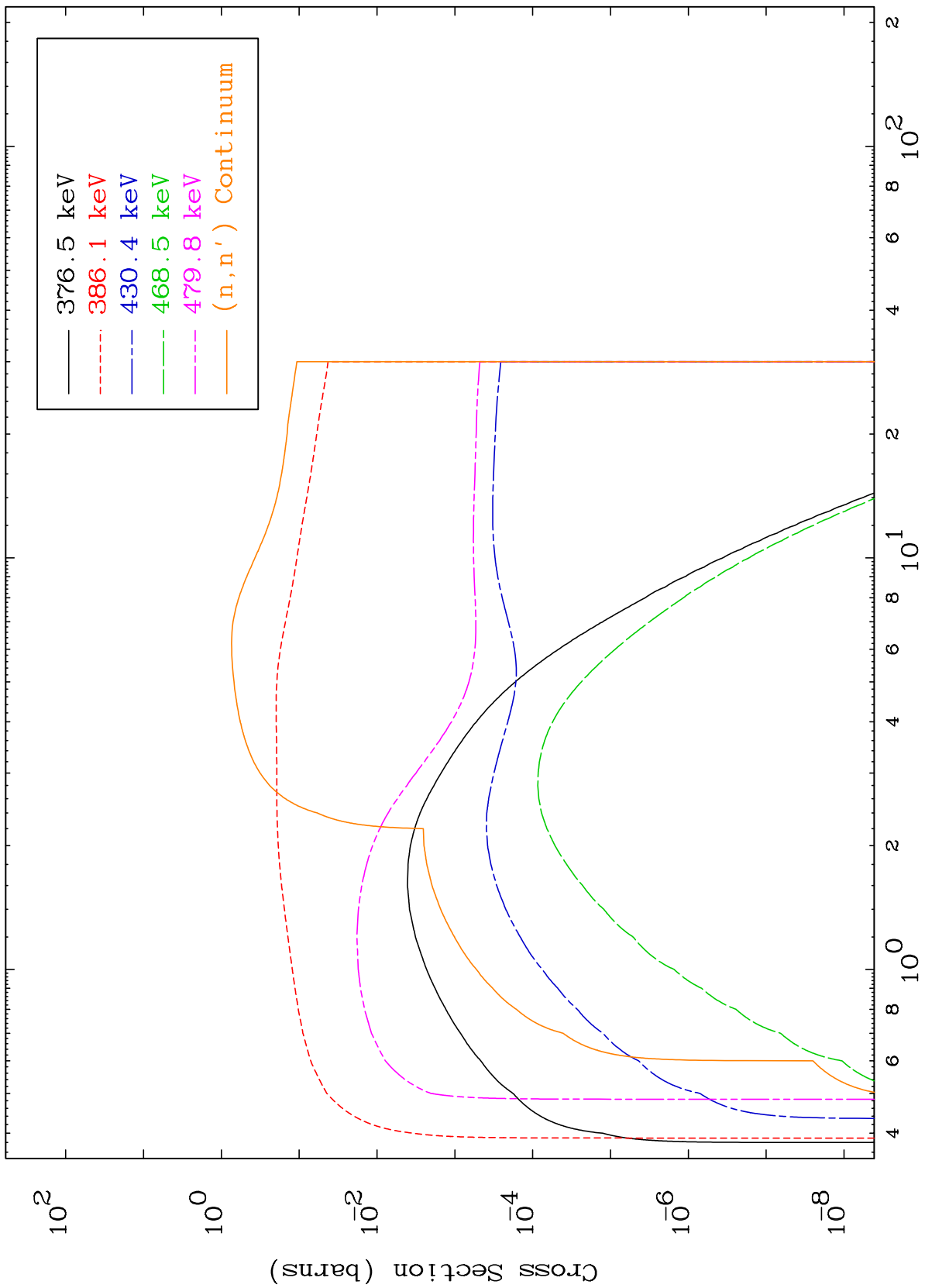
53-I -116



53-I -116

Incident Energy (MeV)

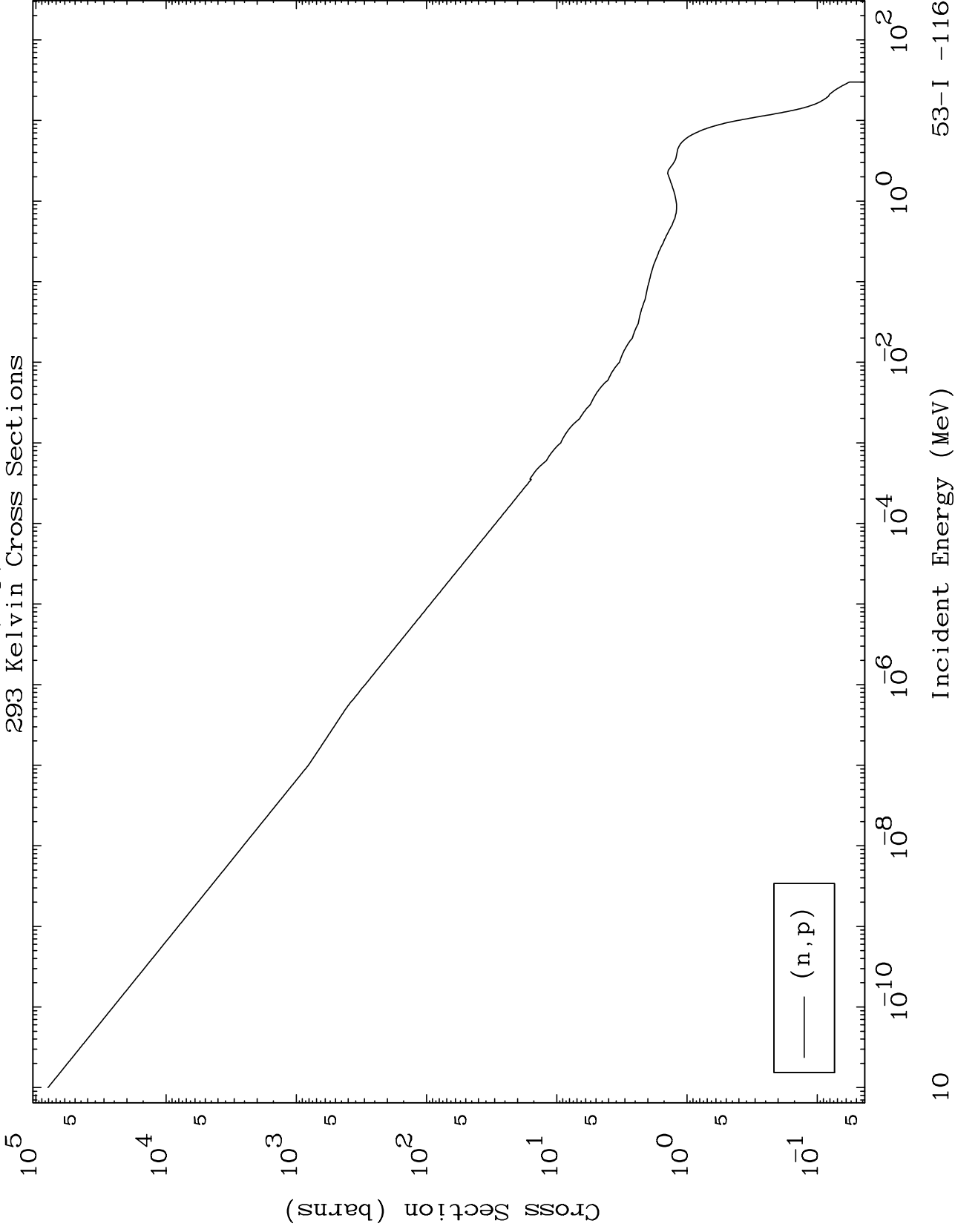
8



MAT 5292

(n,p) Levels
293 Kelvin Cross Sections

53-I -116



10

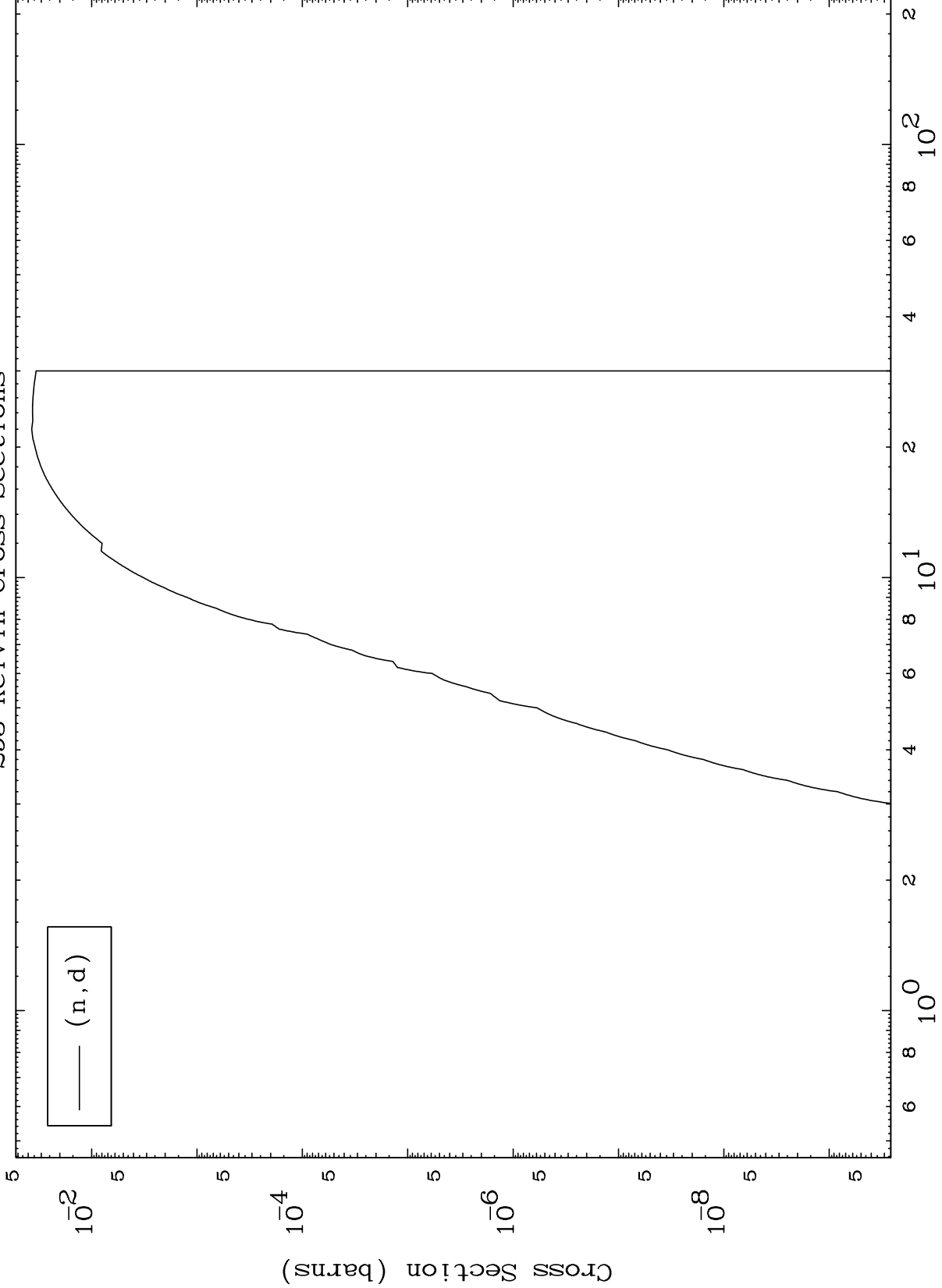
Incident Energy (MeV)

53-I -116

MAT 5292

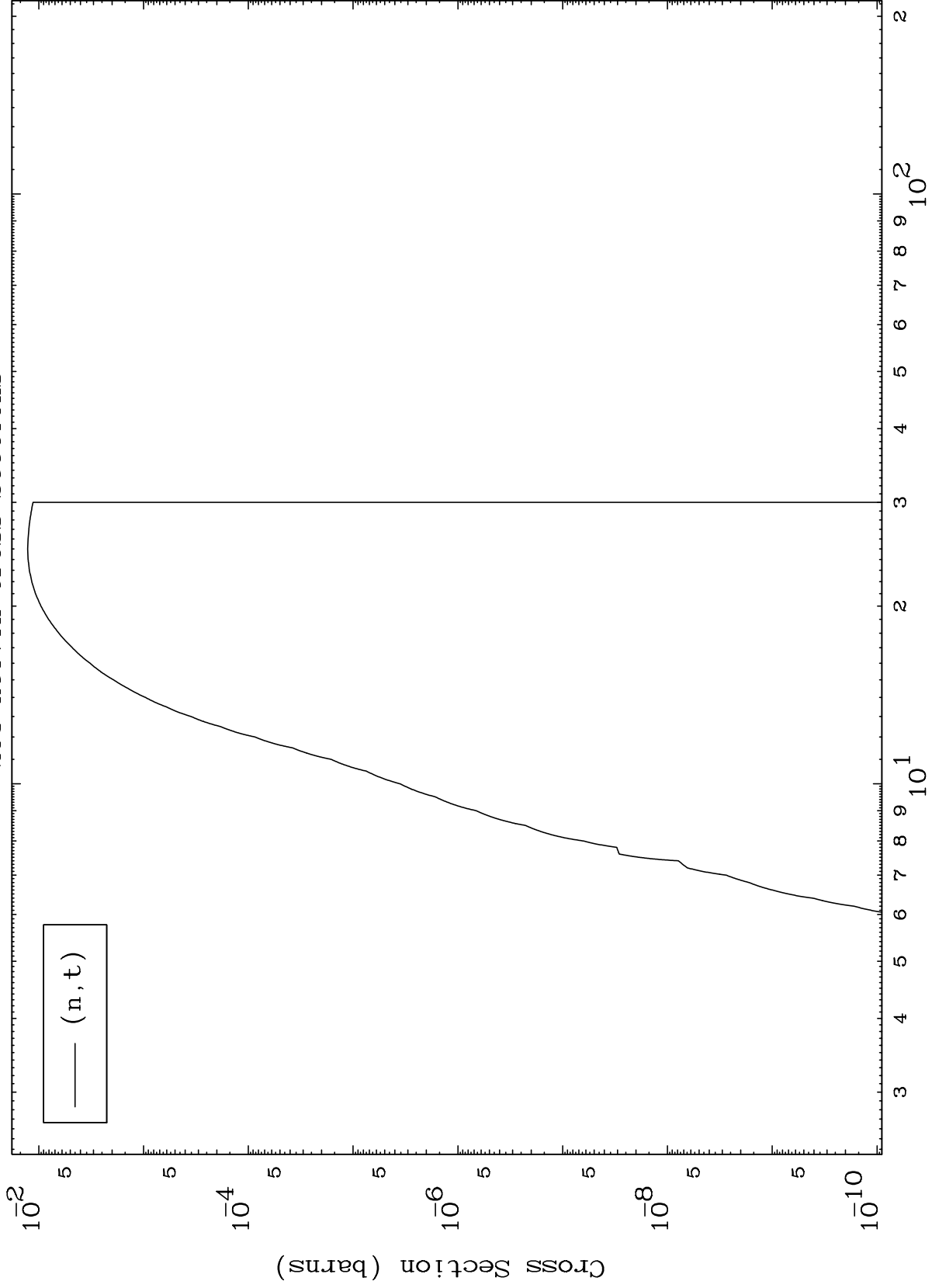
(n,d) Levels
293 Kelvin Cross Sections

53-I -116



11

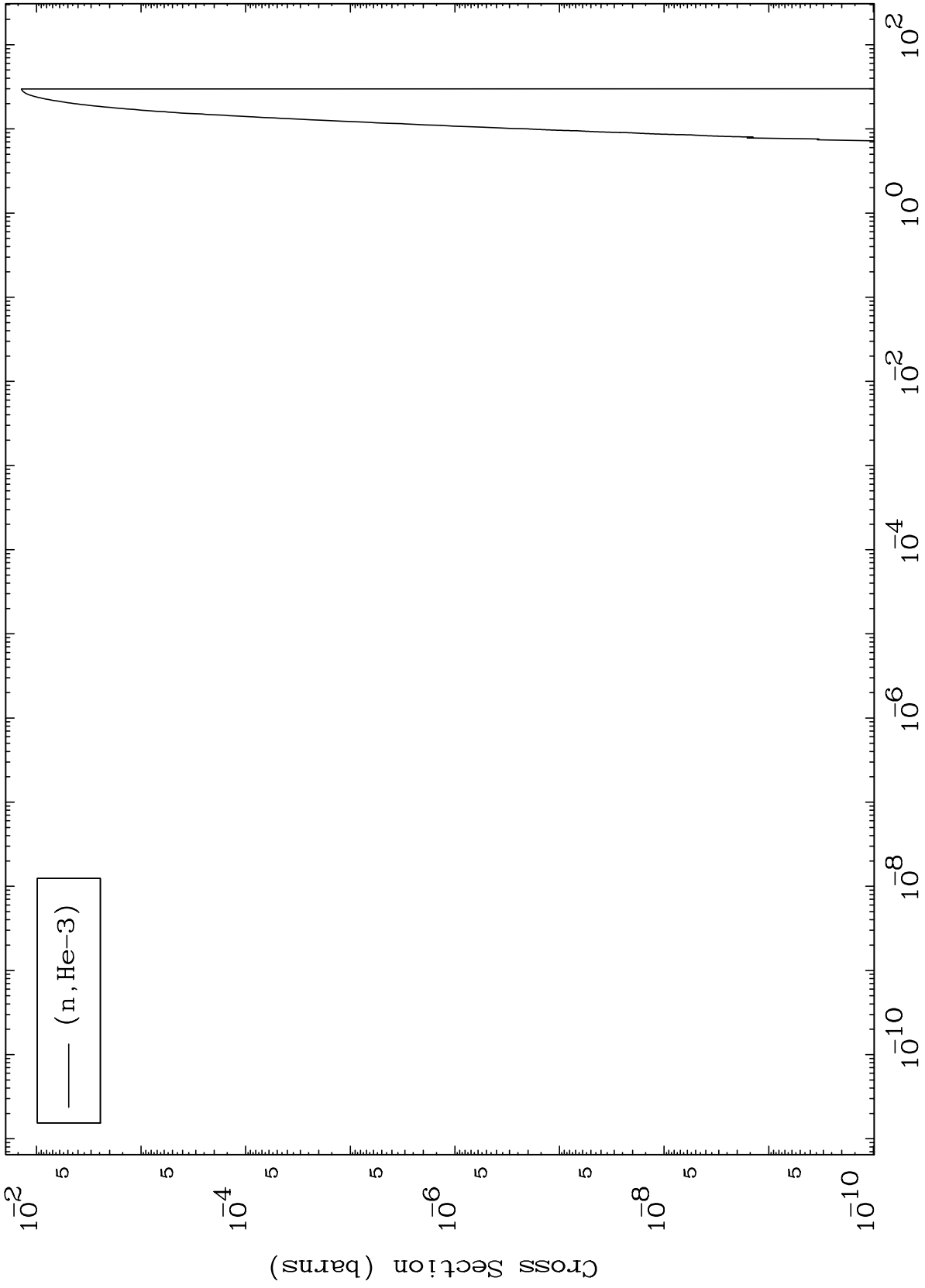
53-I -116



MAT 5292

(n,He3) Levels
293 Kelvin Cross Sections

53-I -116



13

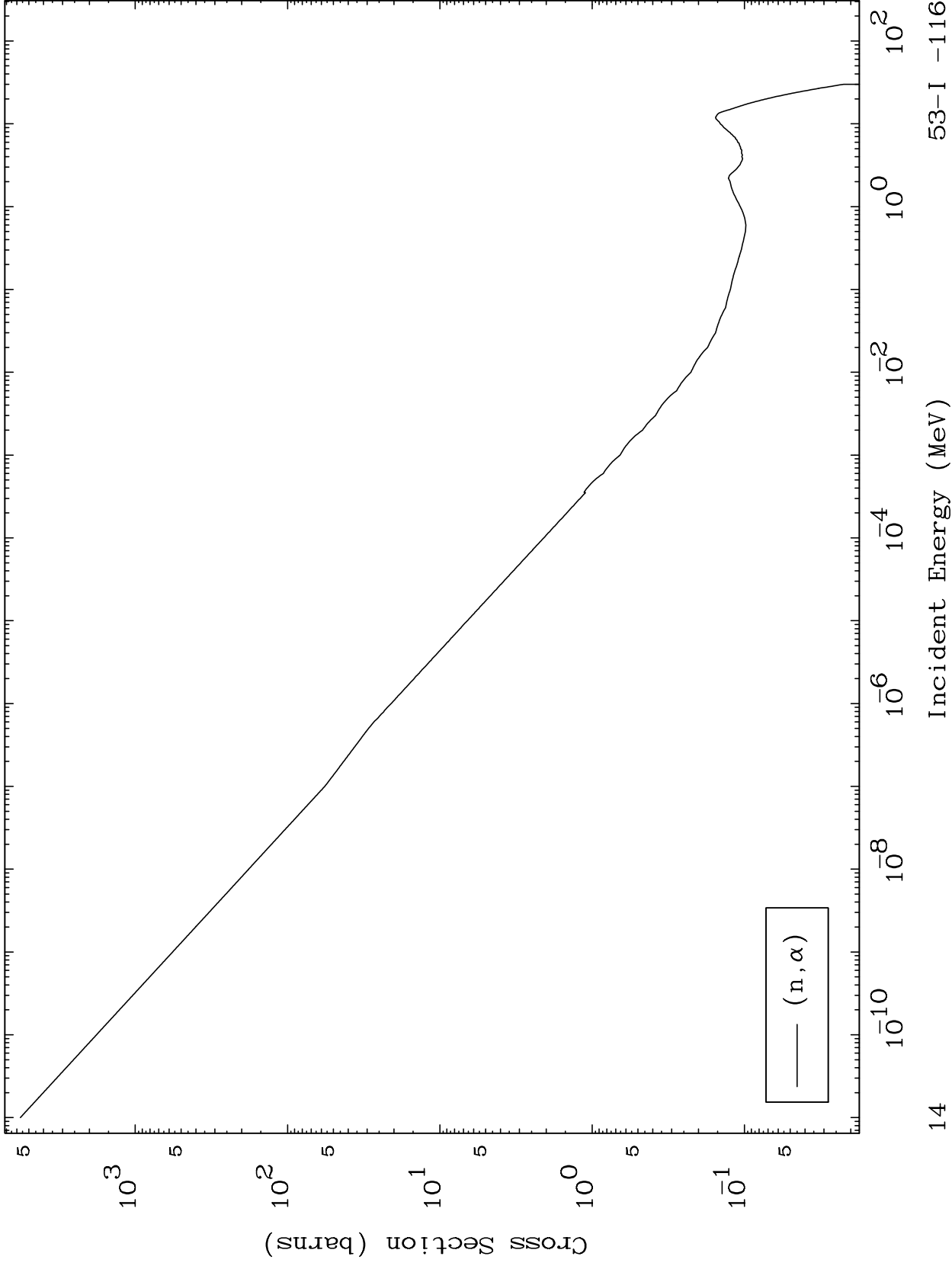
Incident Energy (MeV)

53-I -116

MAT 5292

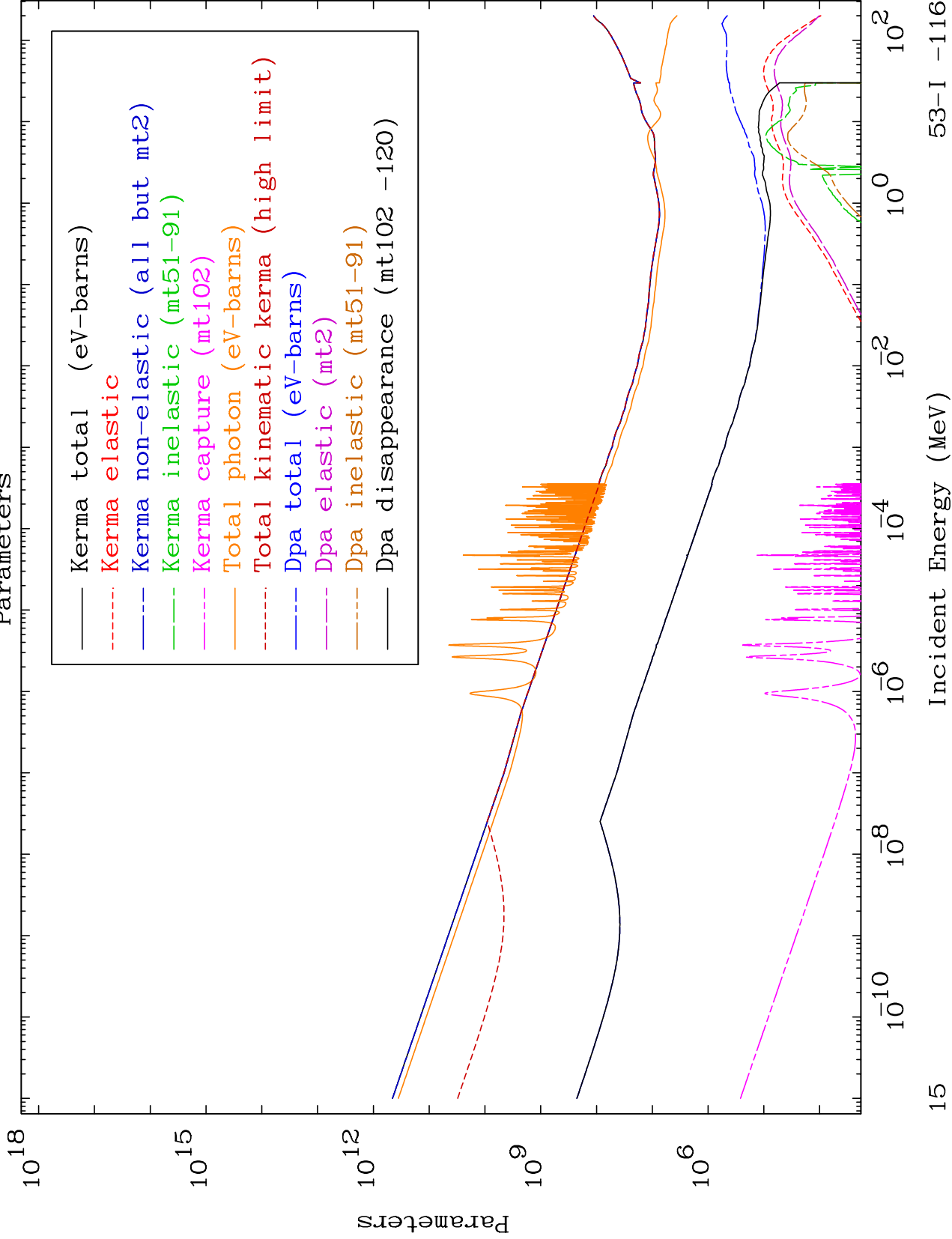
(n,α) Levels
293 Kelvin Cross Sections

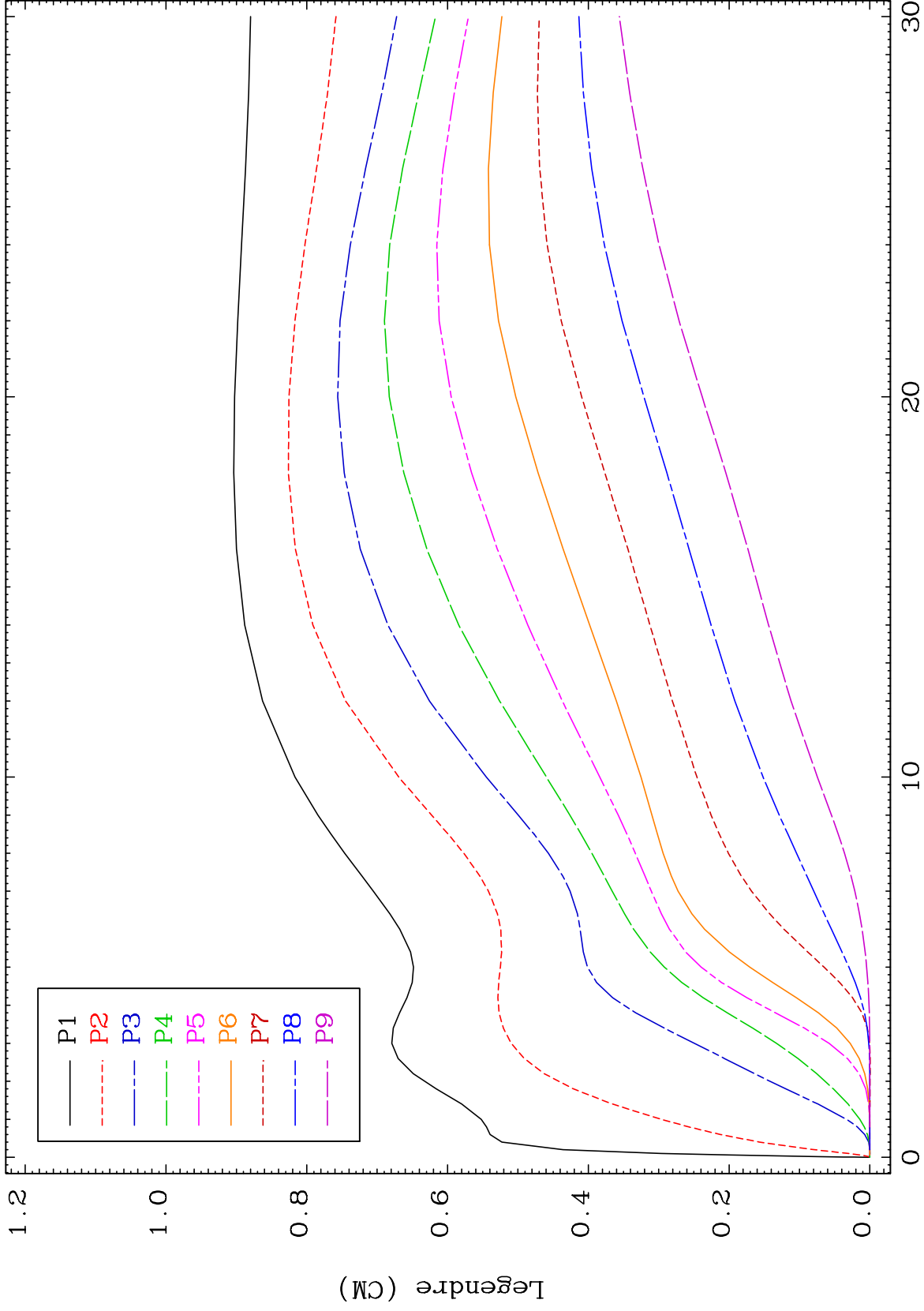
53-I -116



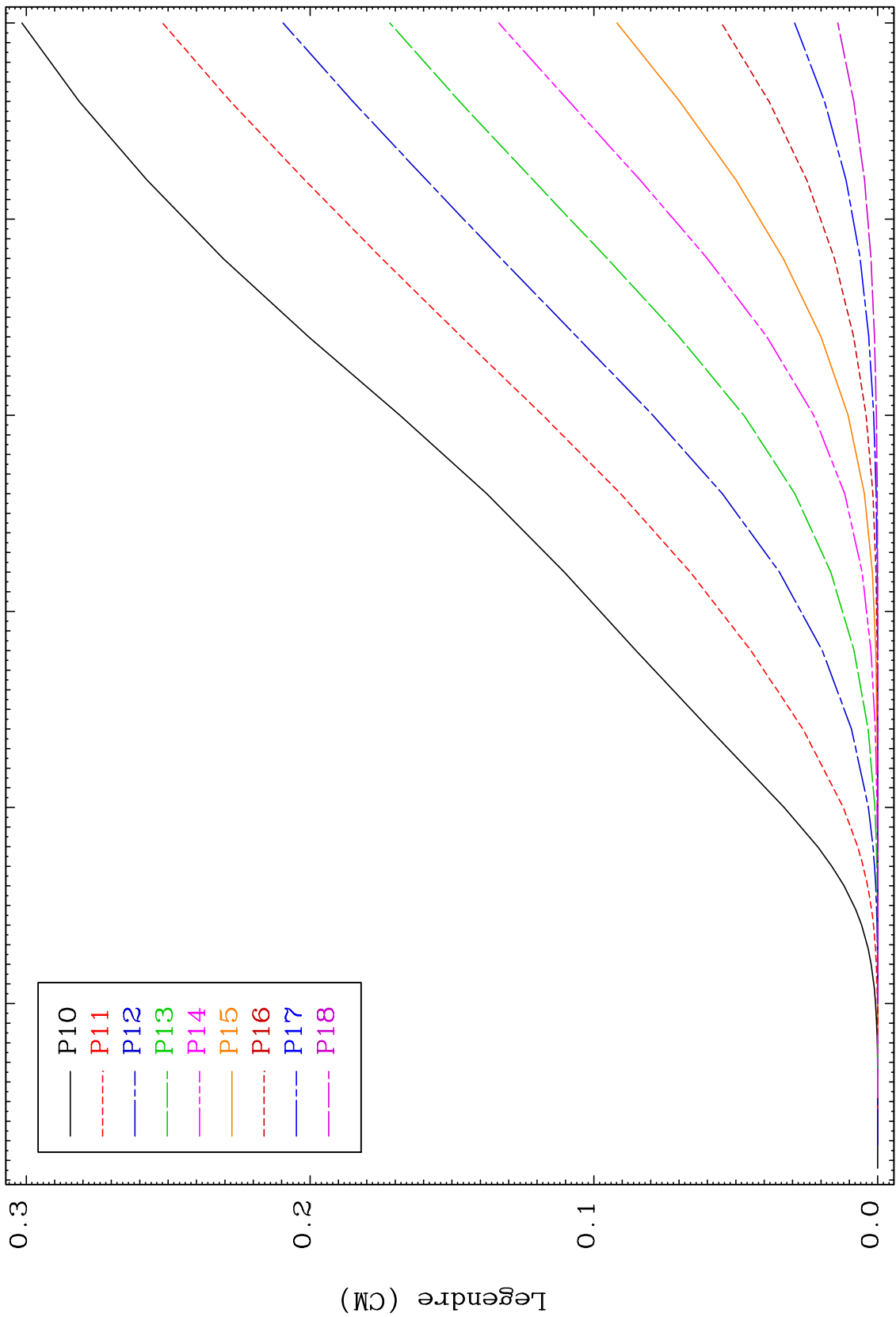
14

53-I -116





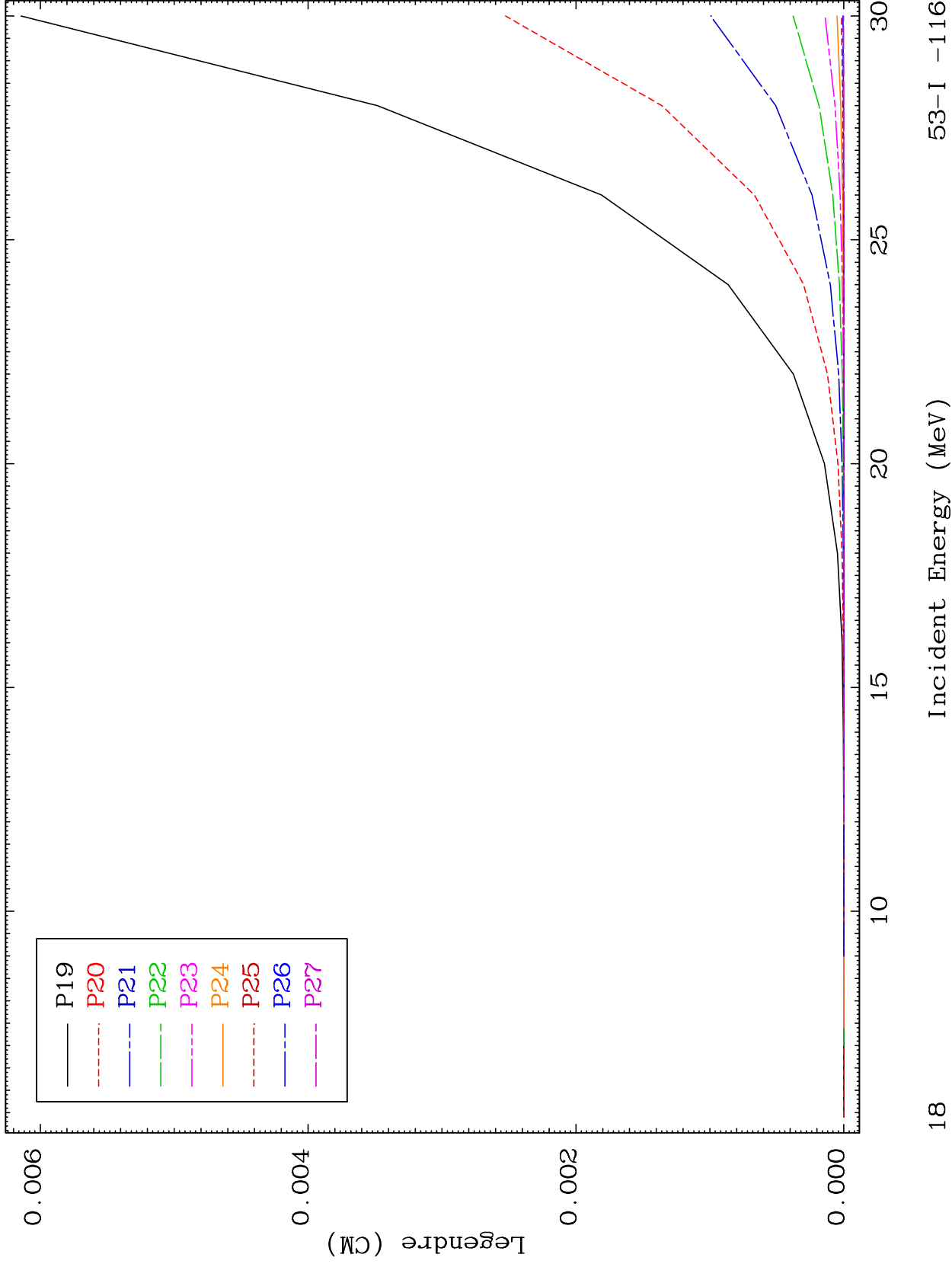
Elastic Legendre Coefficients



MAT 5292

Elastic Legendre Coefficients

53-I -116



18

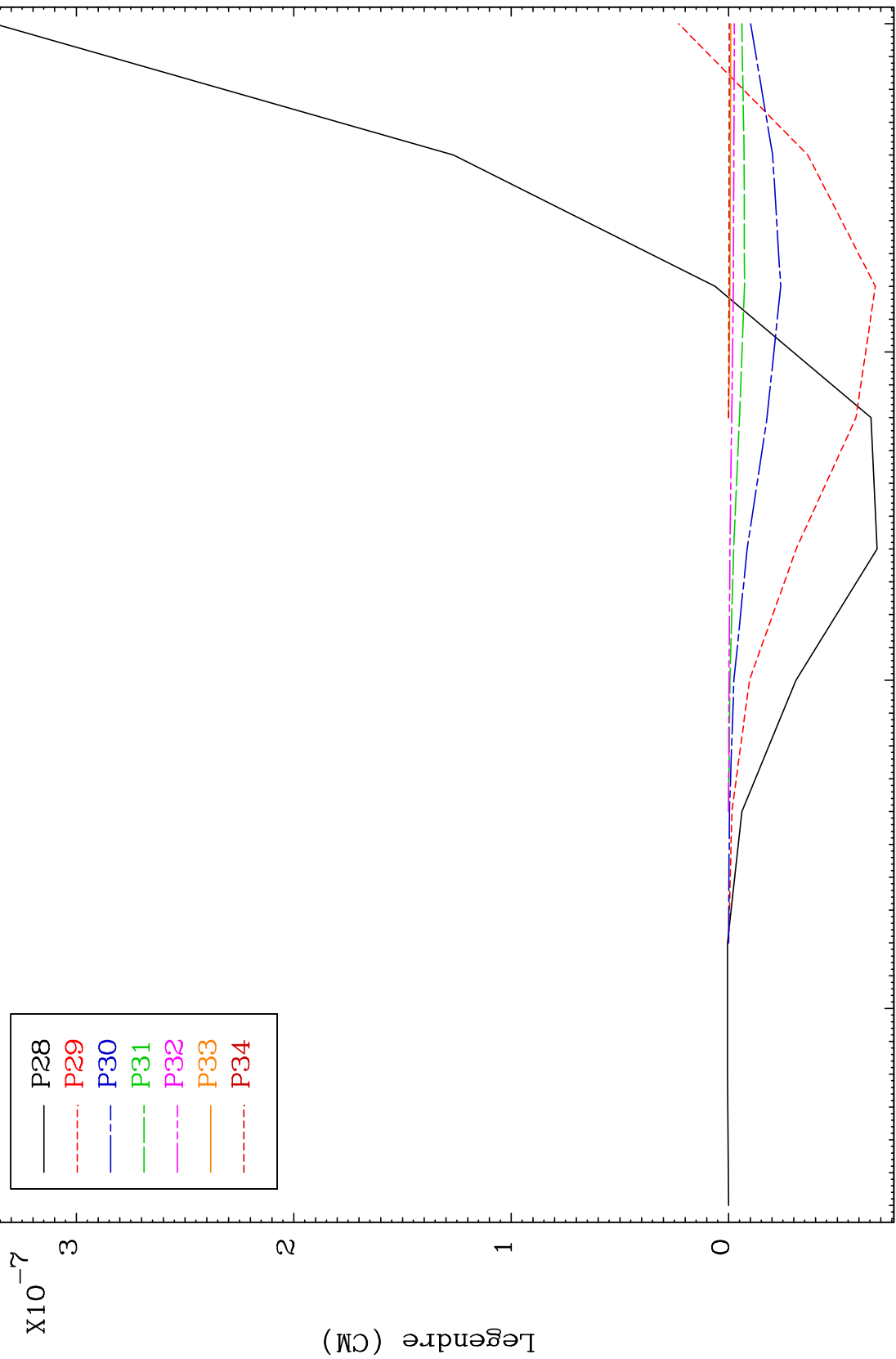
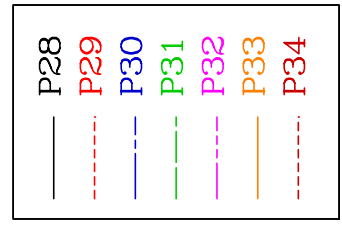
Incident Energy (MeV)

53-I -116

MAT 5292

Elastic Legendre Coefficients

53-I -116



19

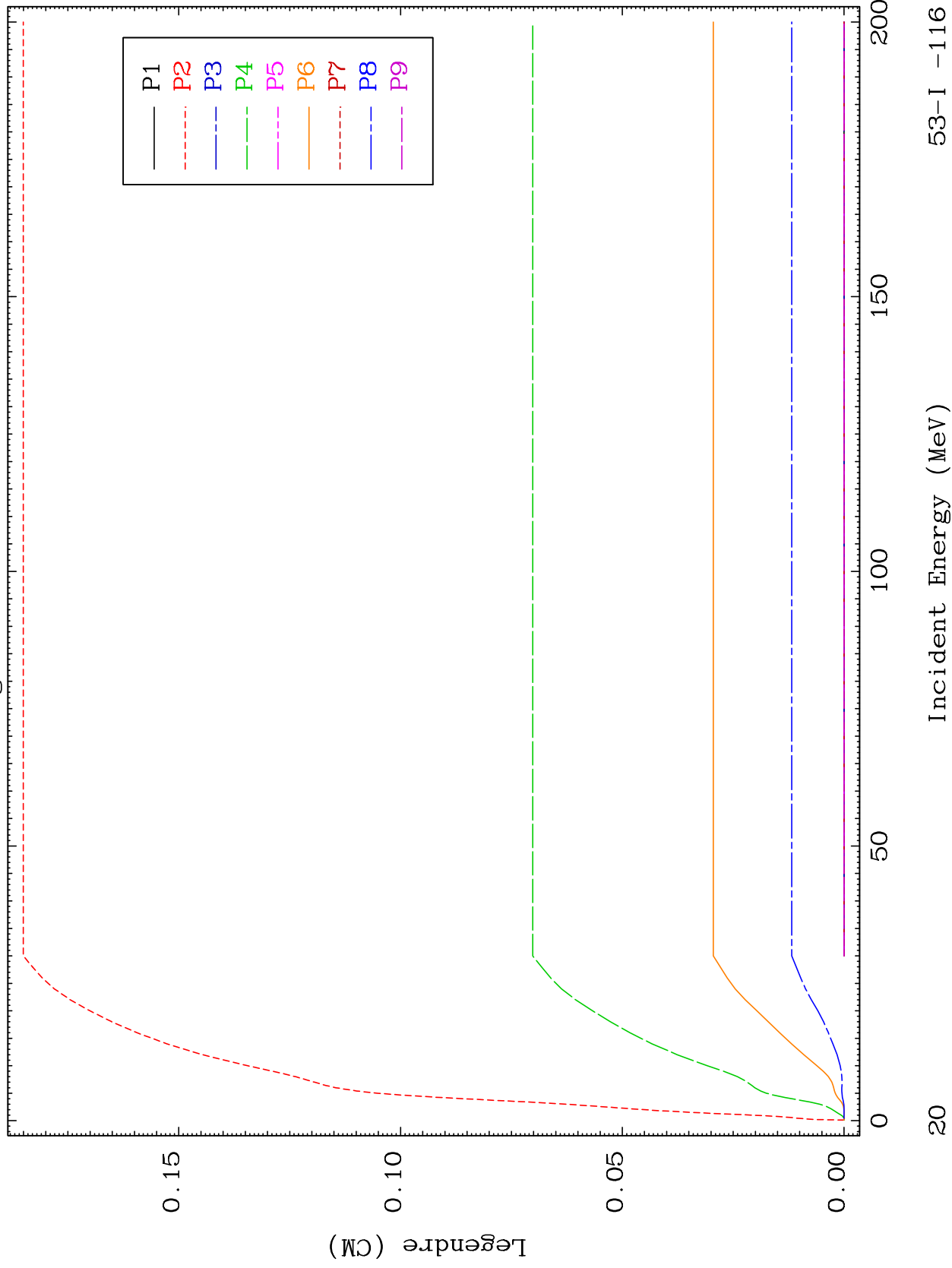
Incident Energy (MeV)

53-I -116

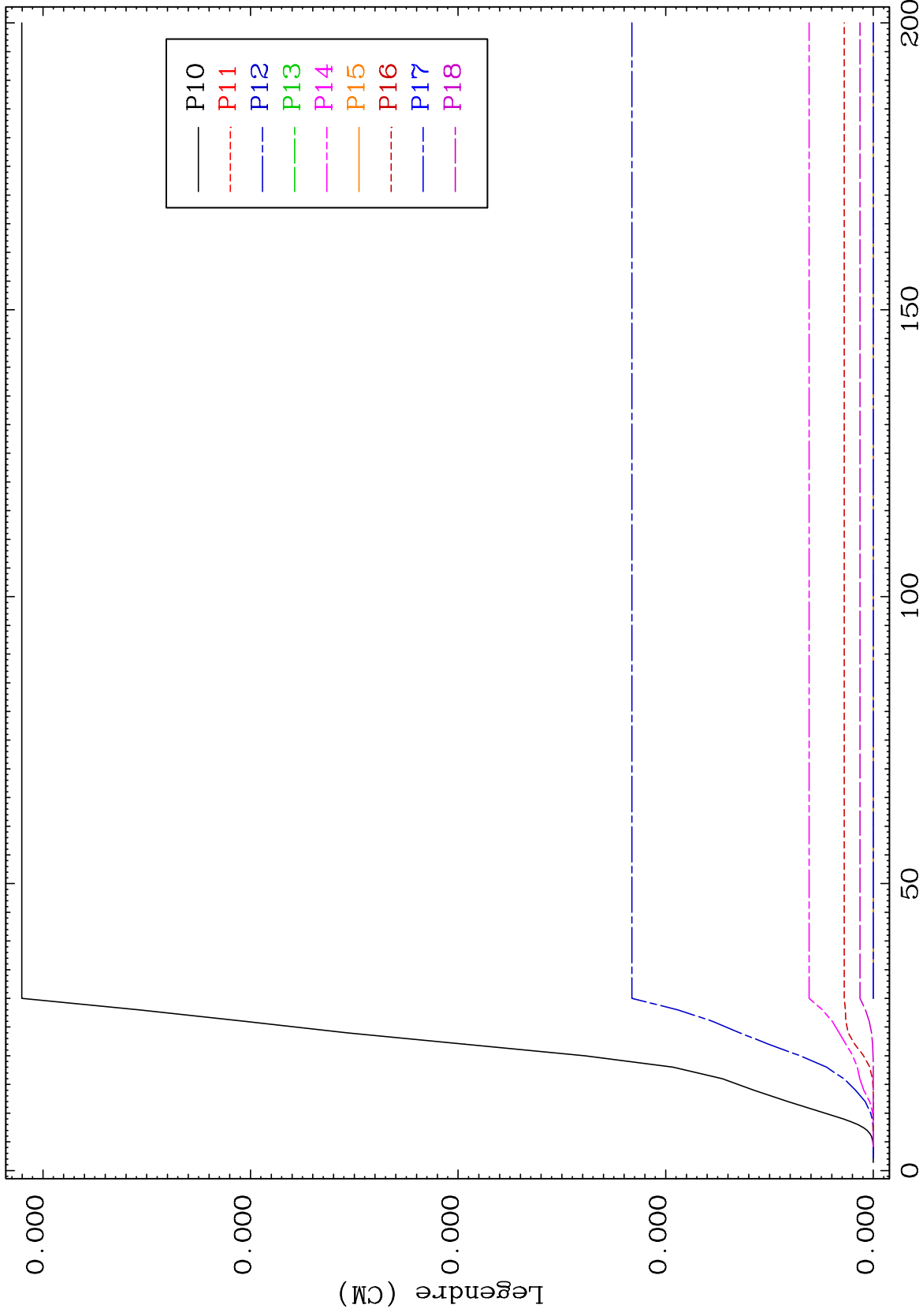
MAT 5292

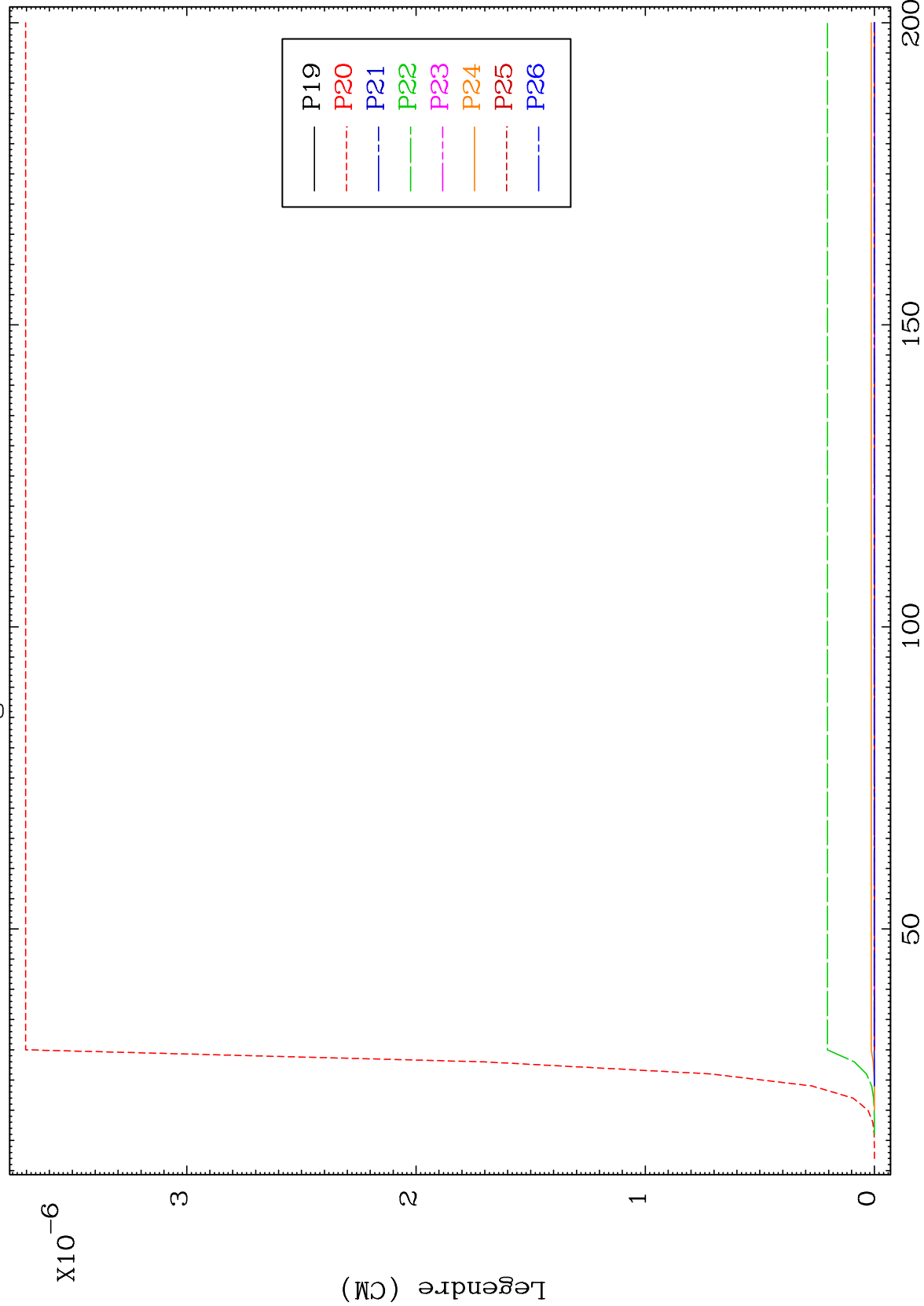
104.3 keV (n,n') Level
Legendre Coefficients

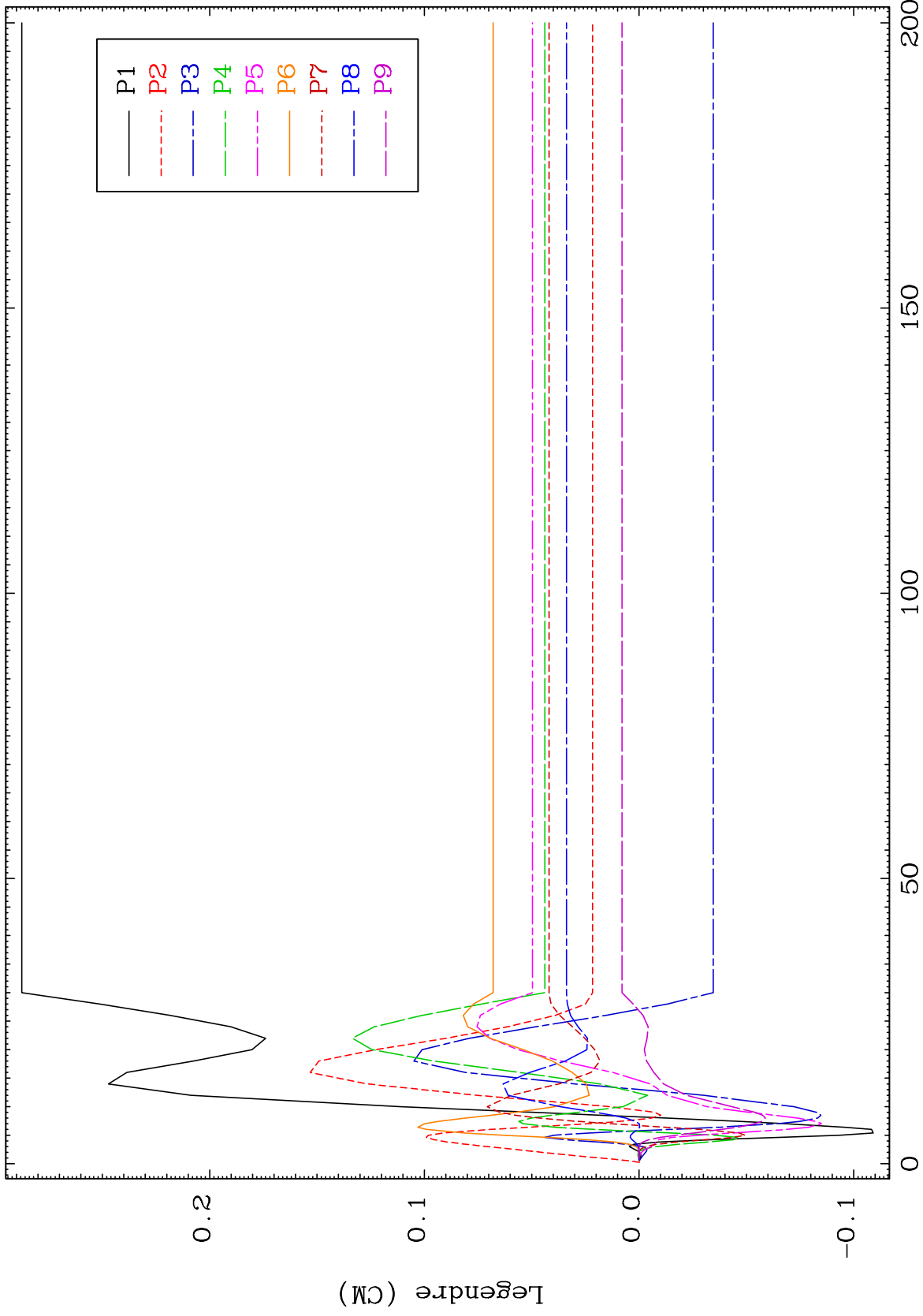
53-I -116



53-I -116



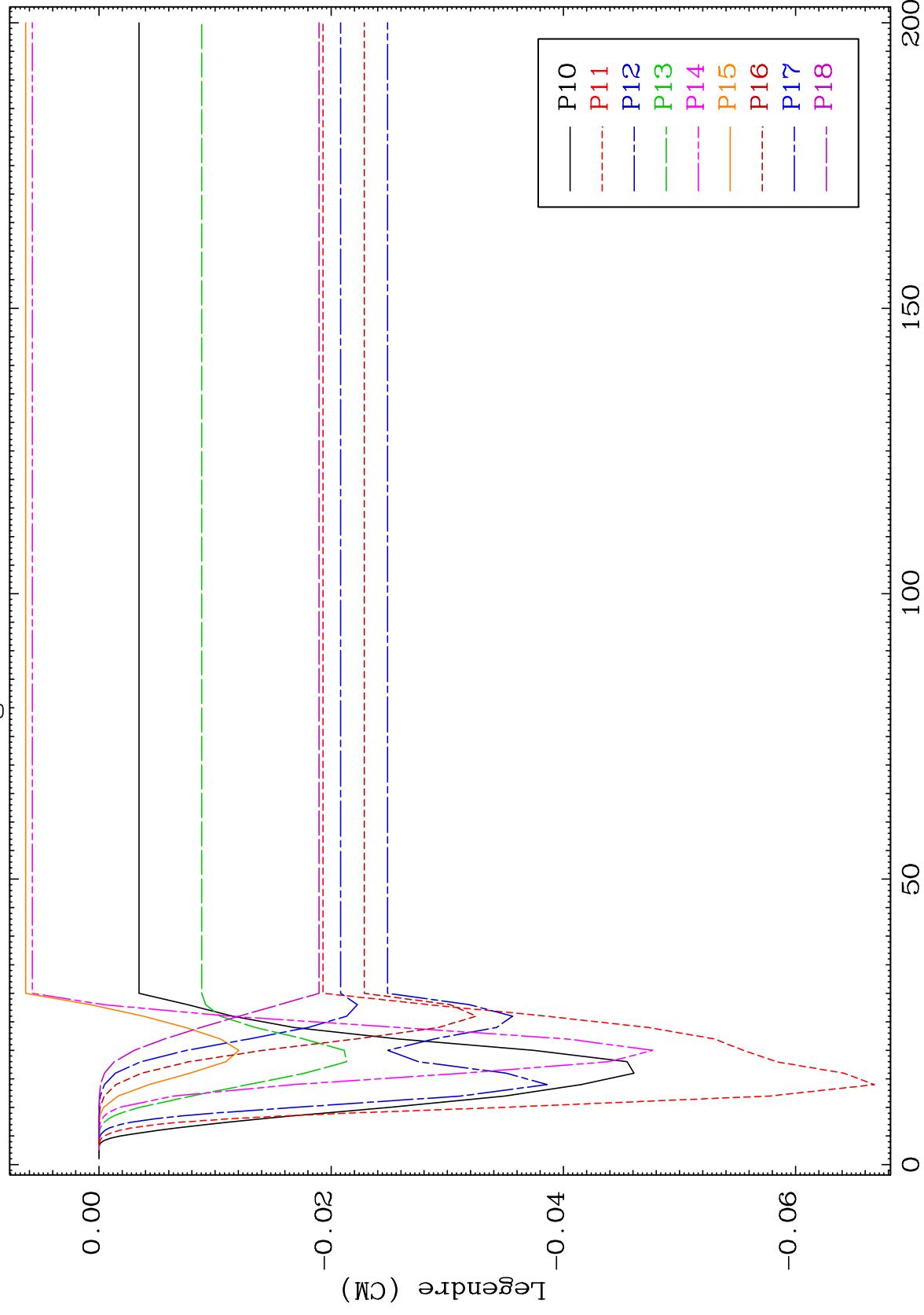




MAT 5292

214.2 keV (n,n') Level
Legendre Coefficients

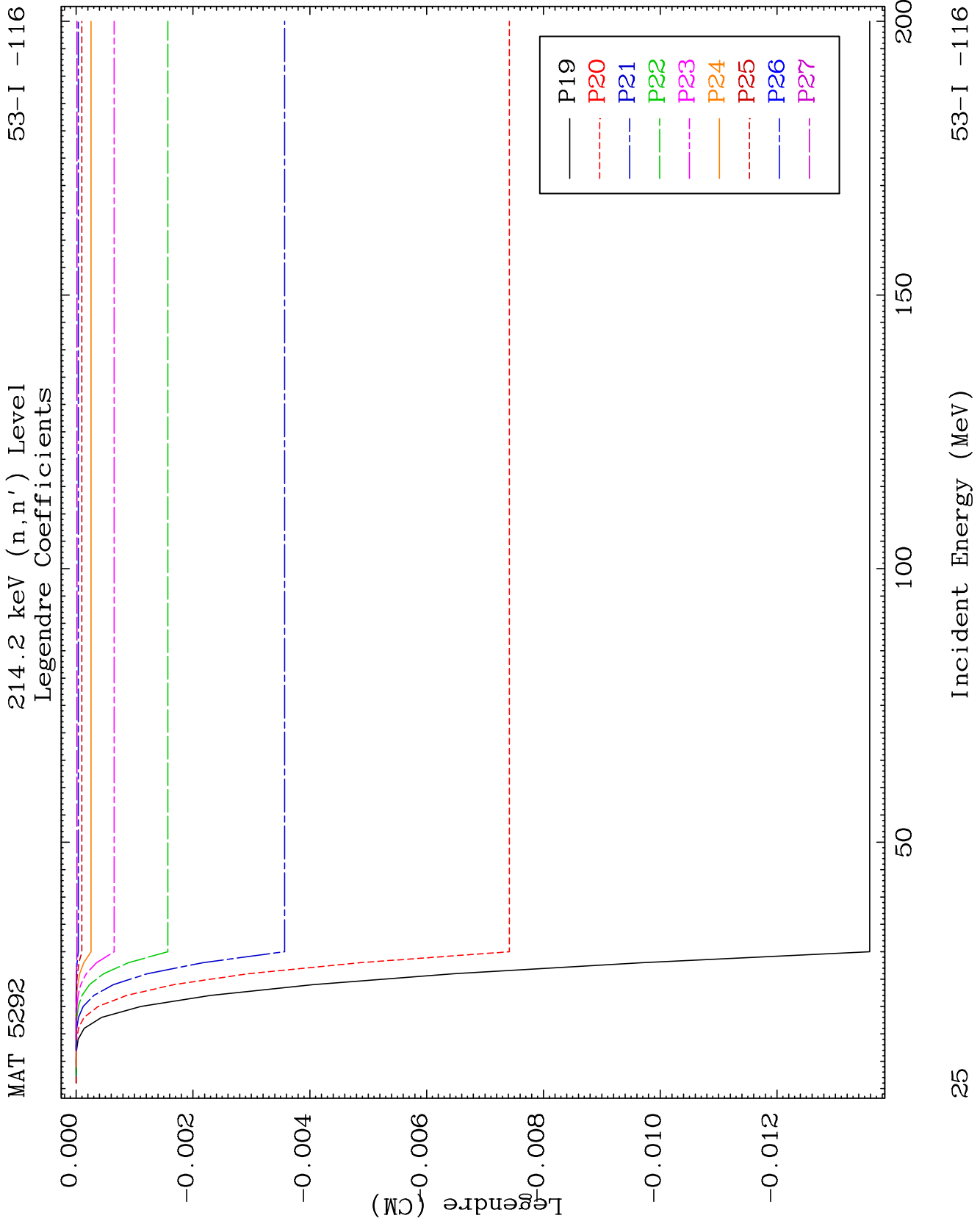
53-I -116

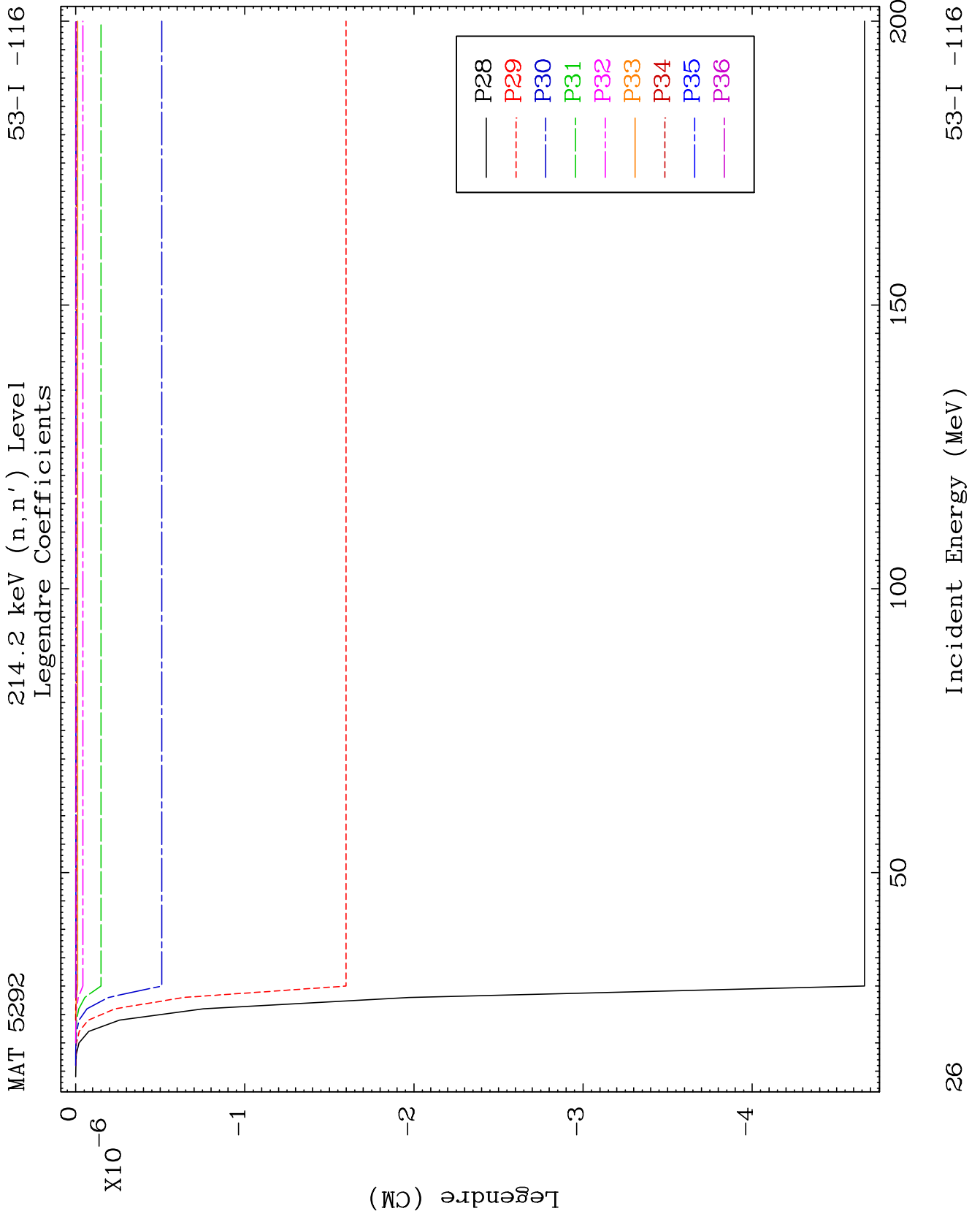


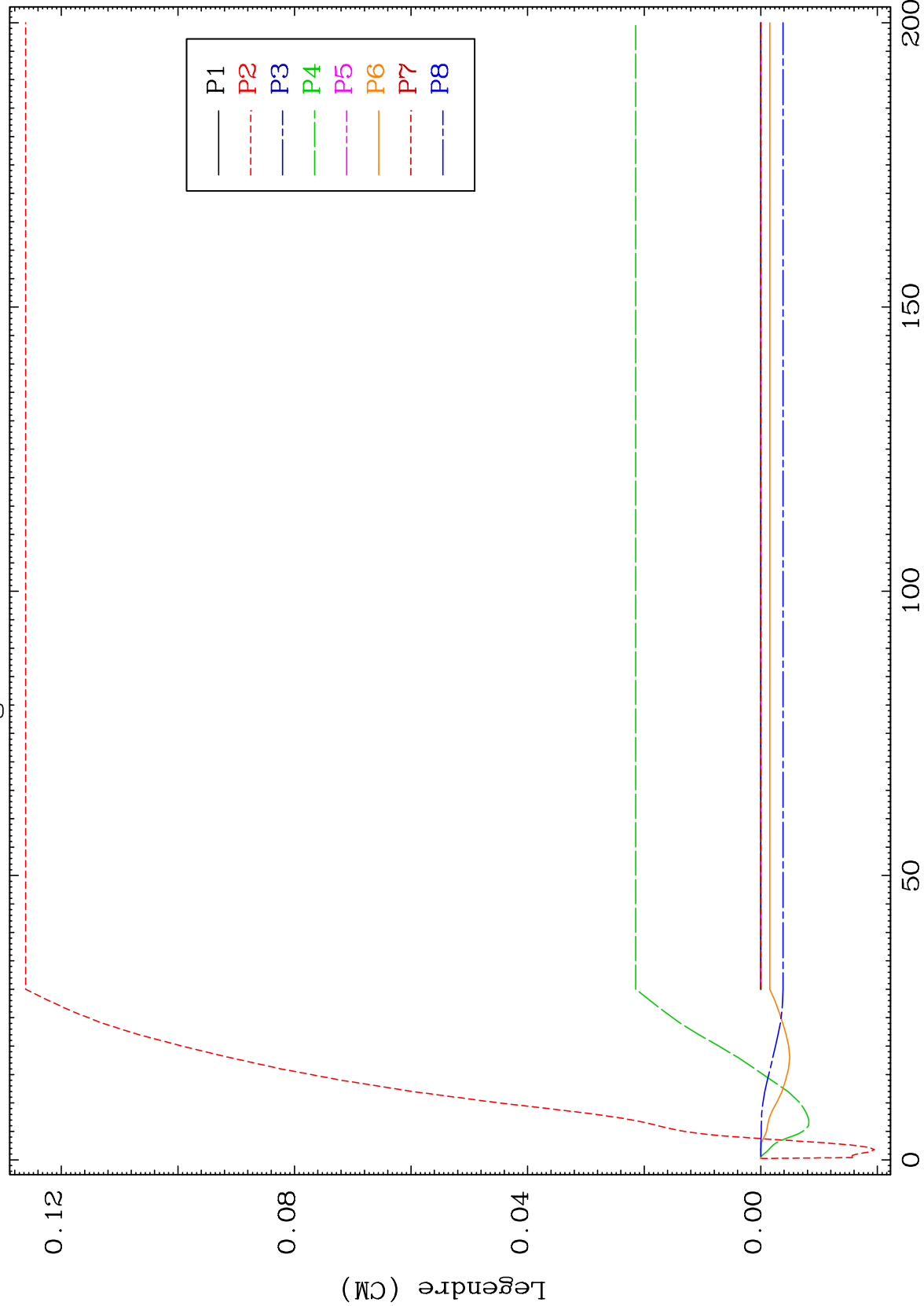
24

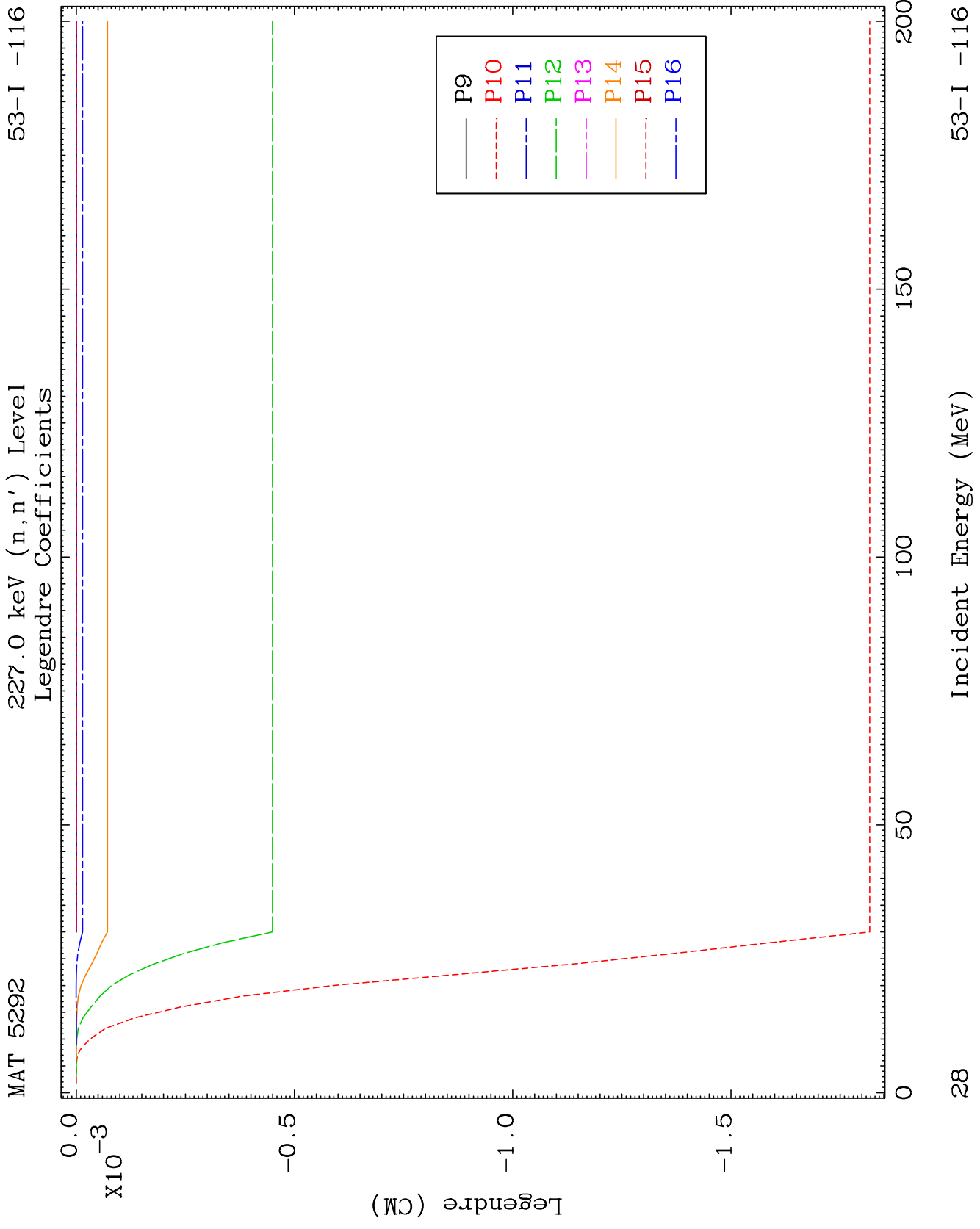
Incident Energy (MeV)

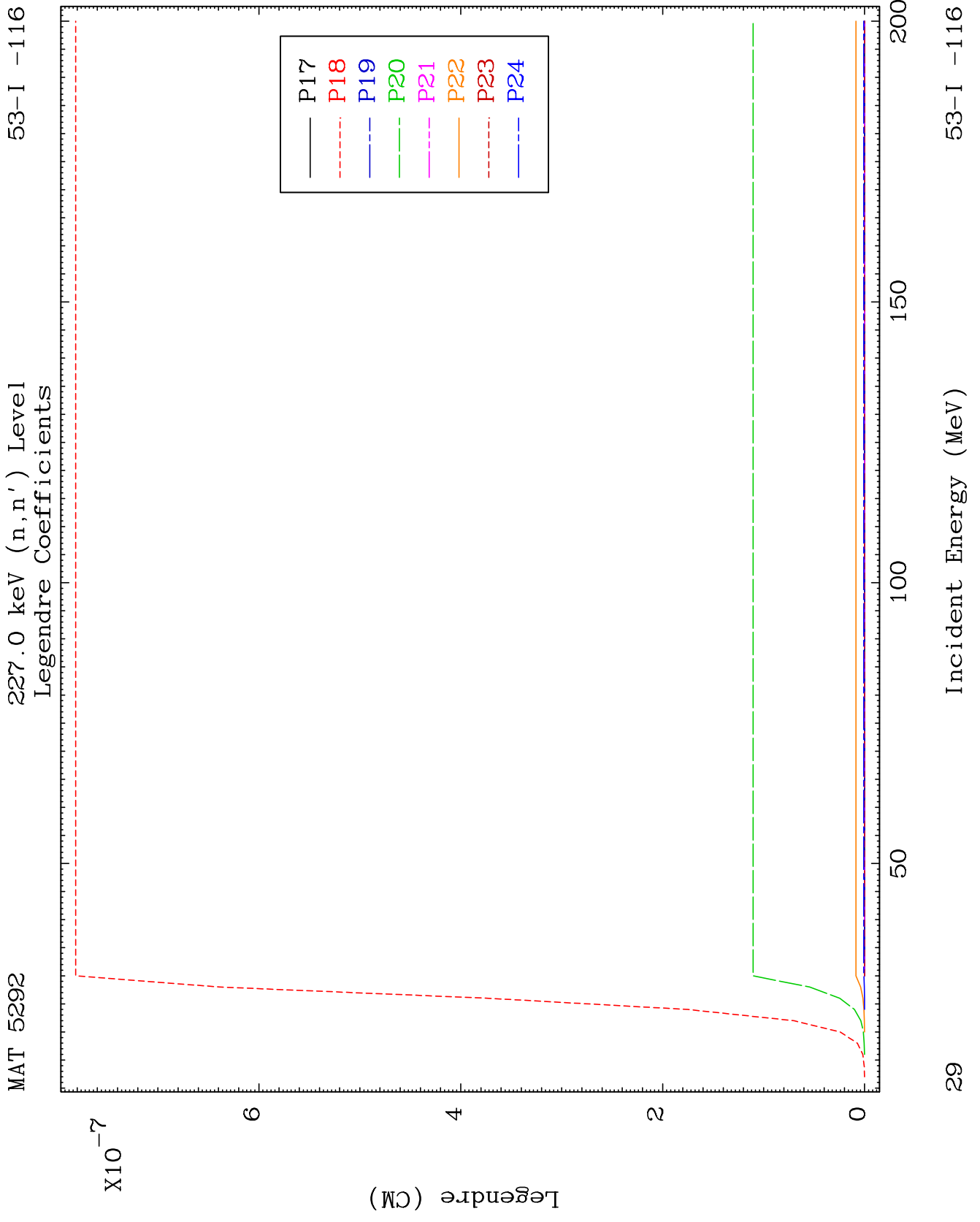
53-I -116







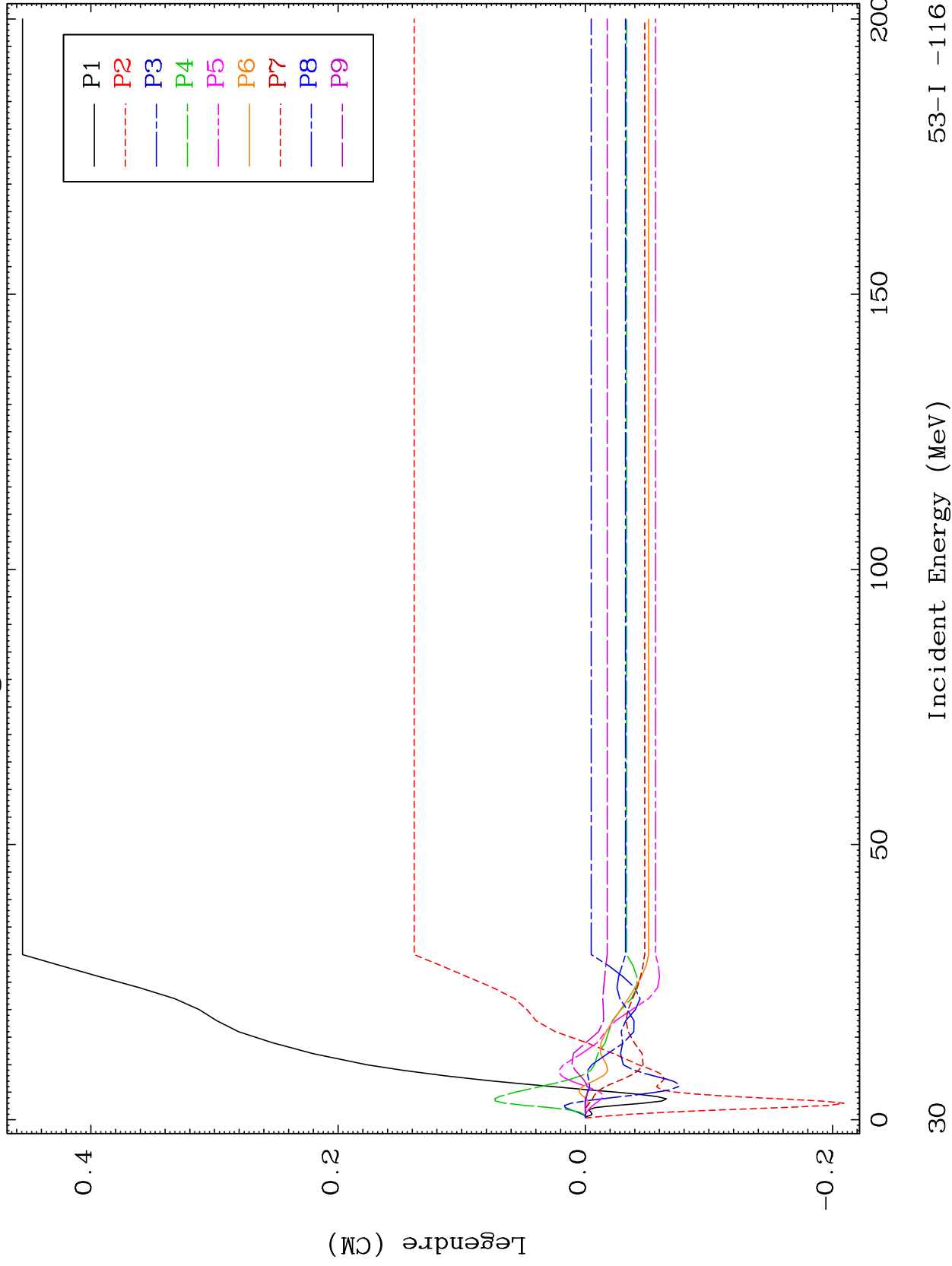


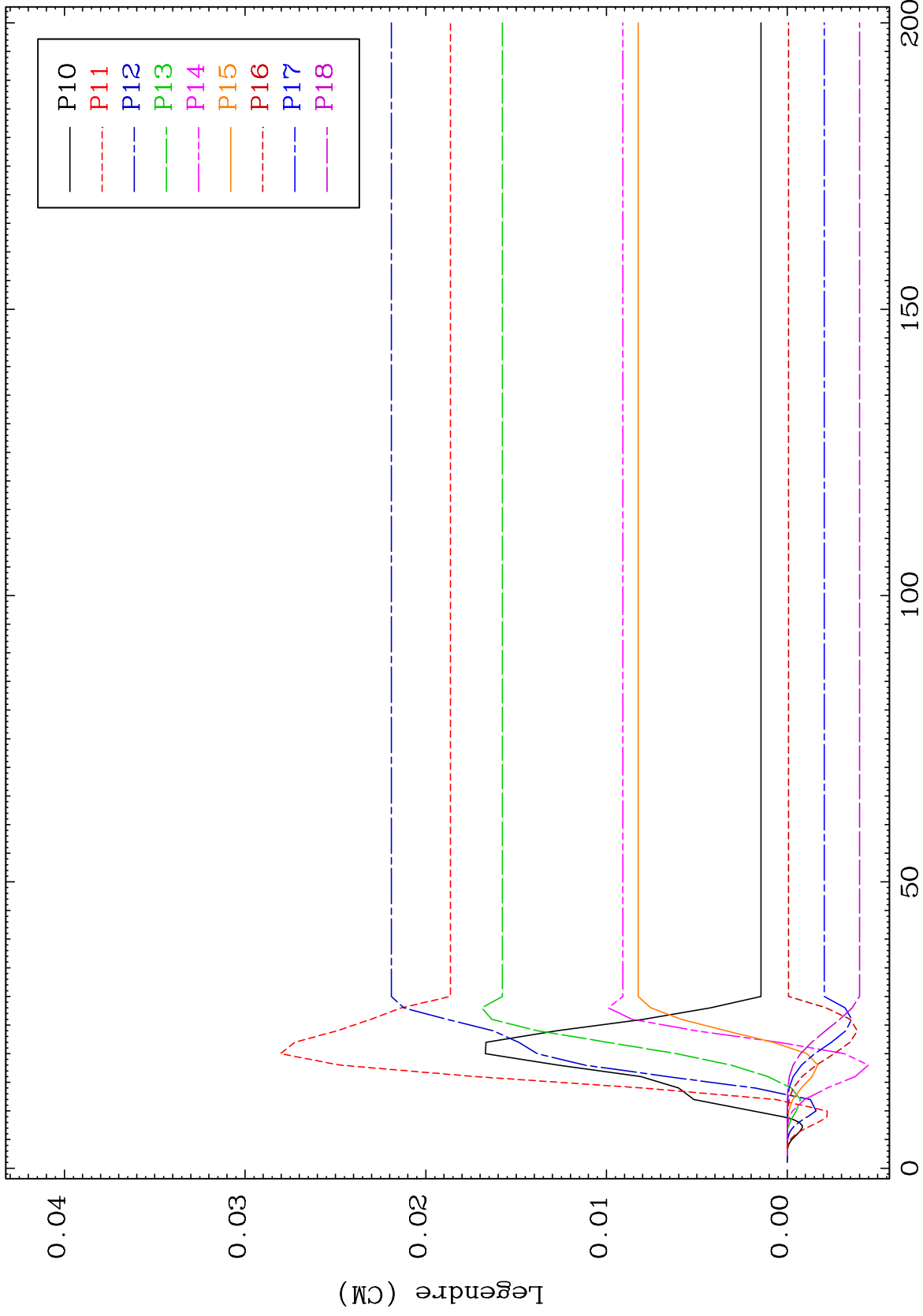


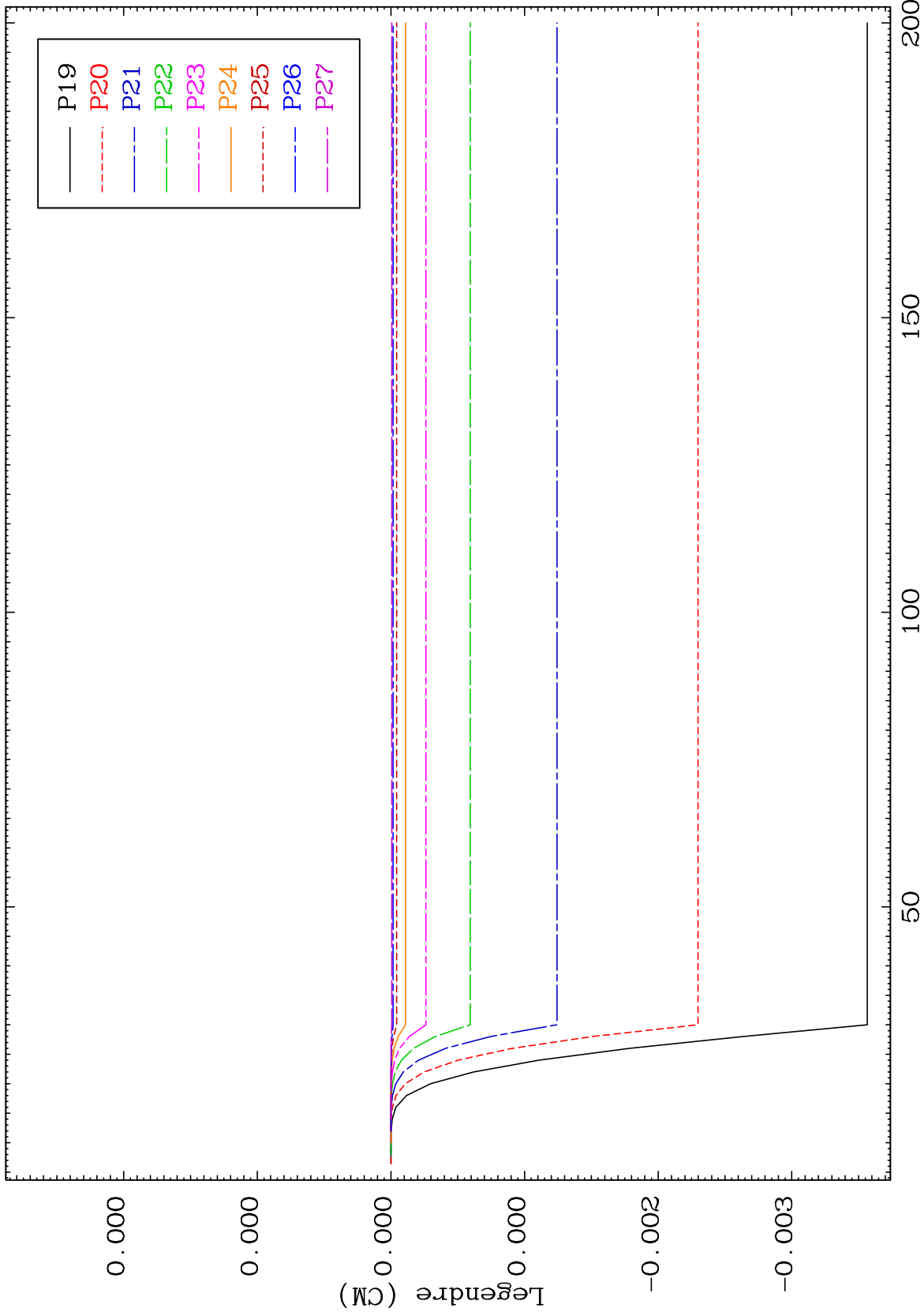
MAT 5292

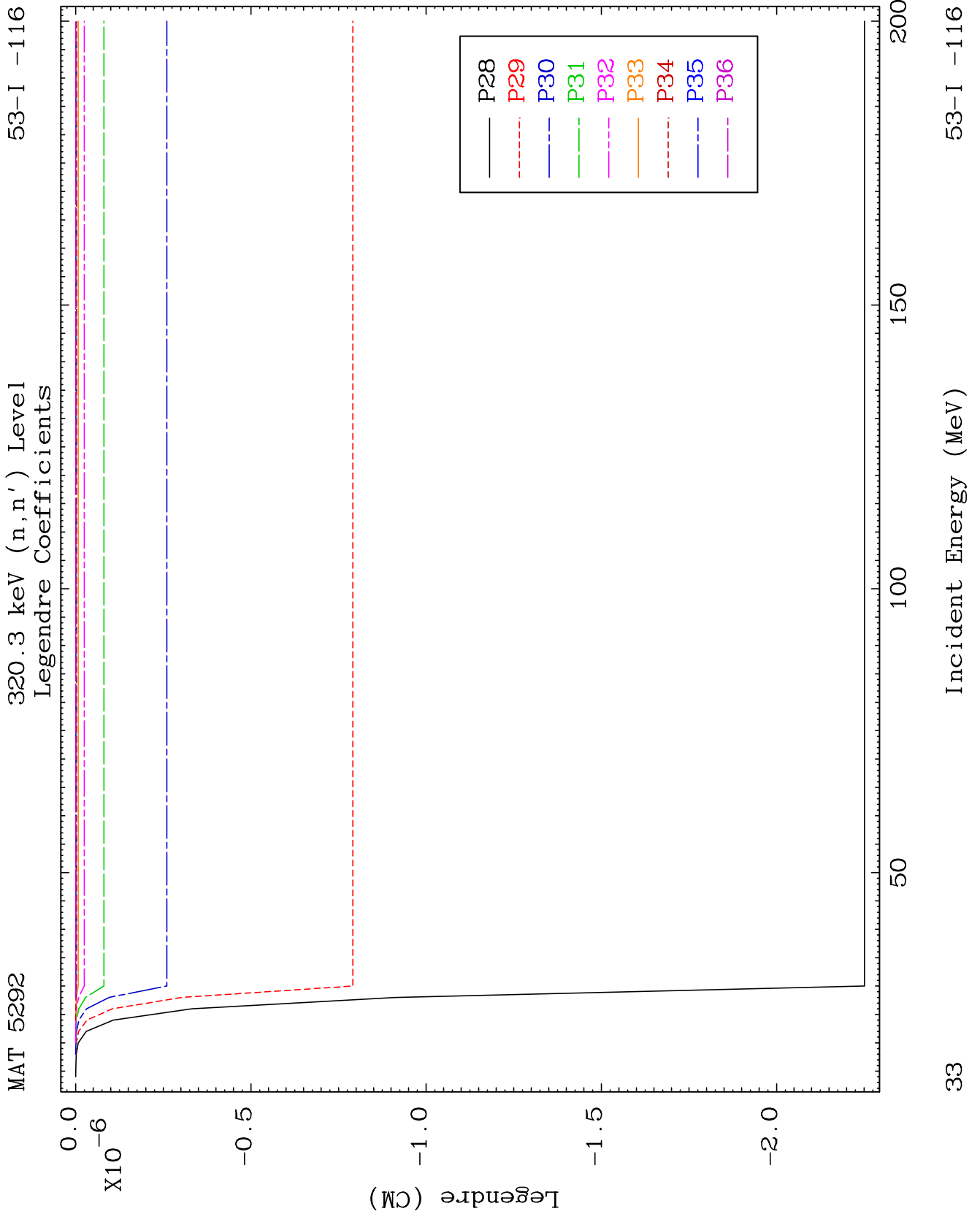
320.3 keV (n,n') Level
Legendre Coefficients

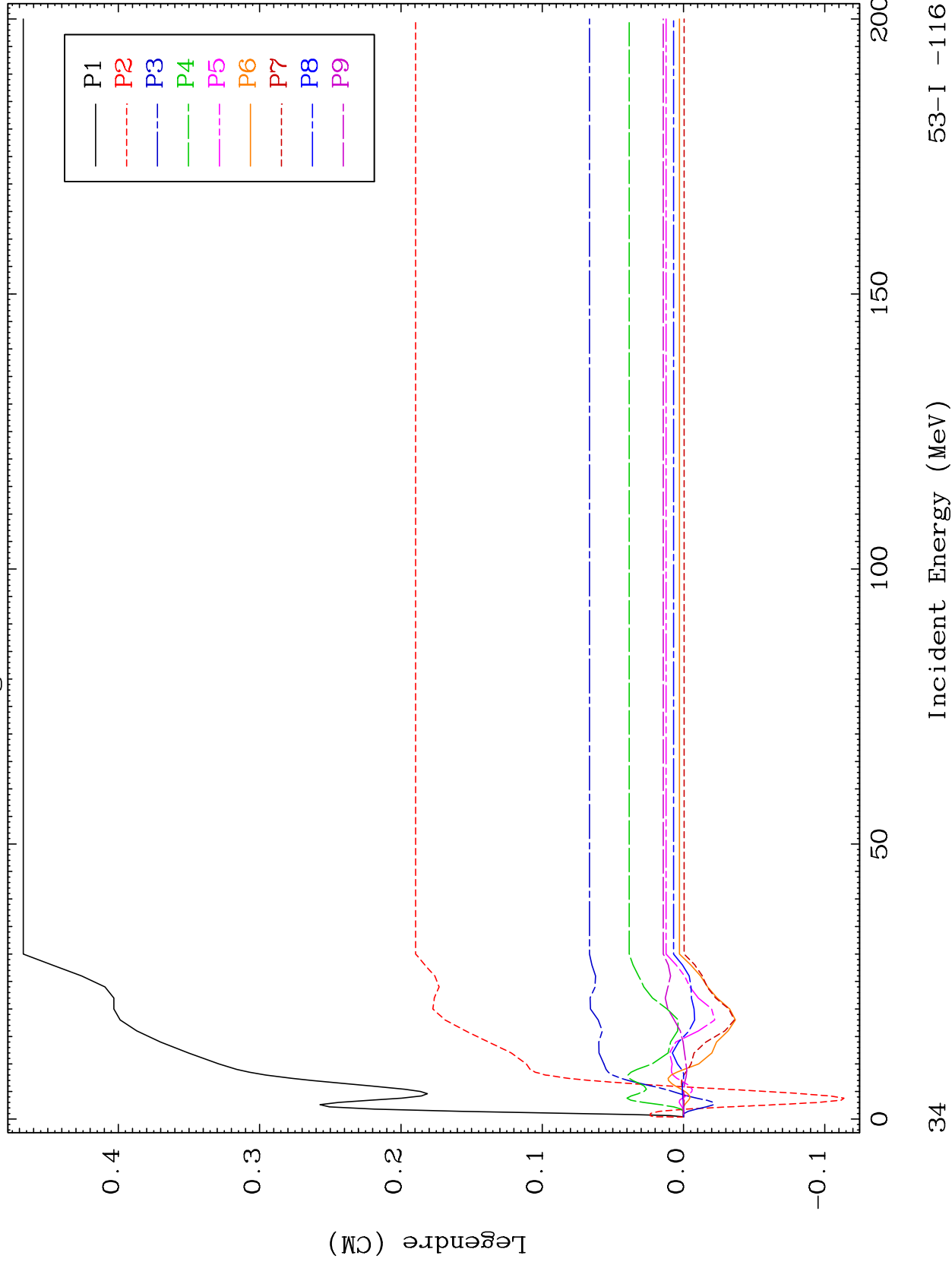
53-I -116

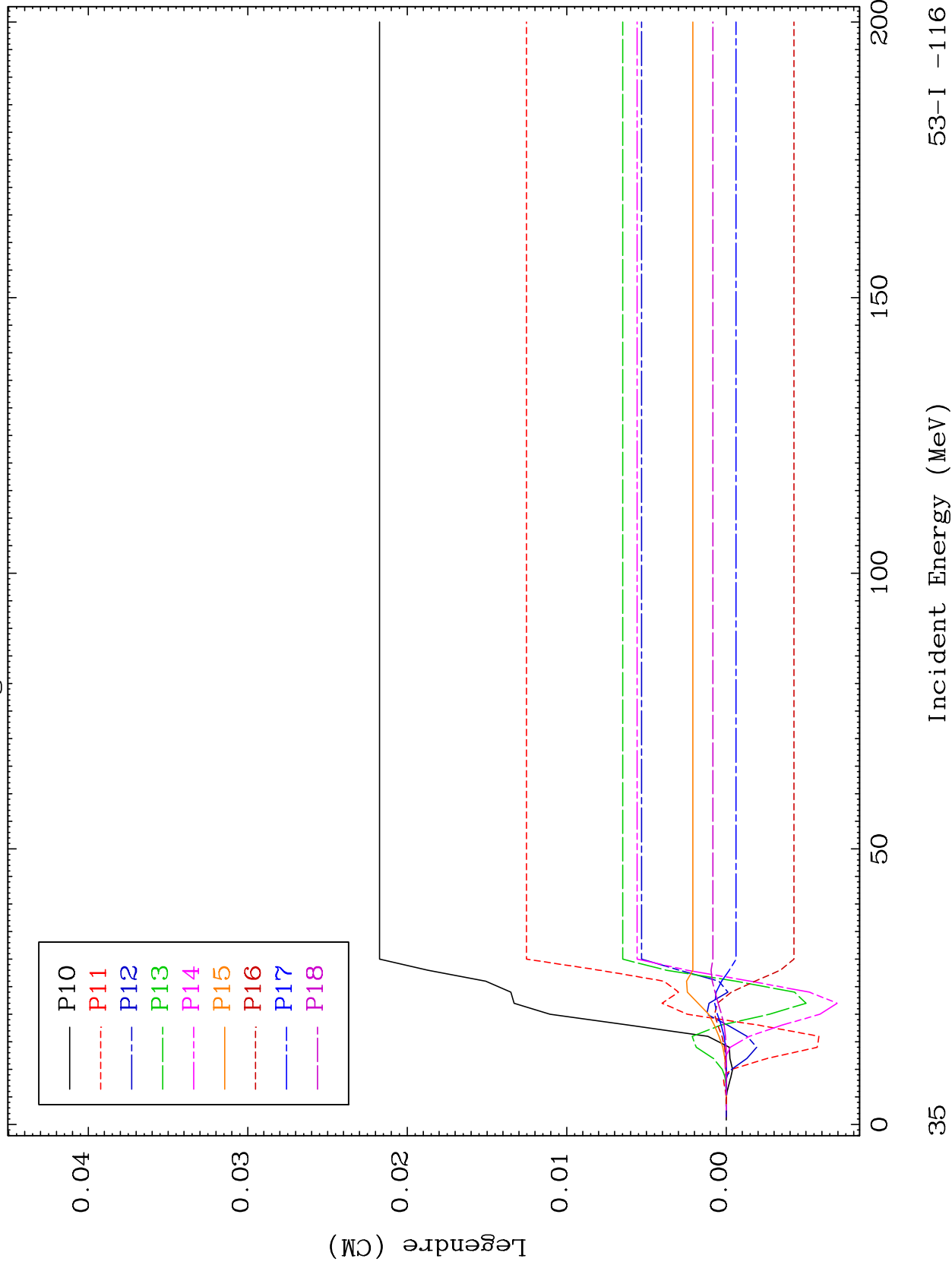


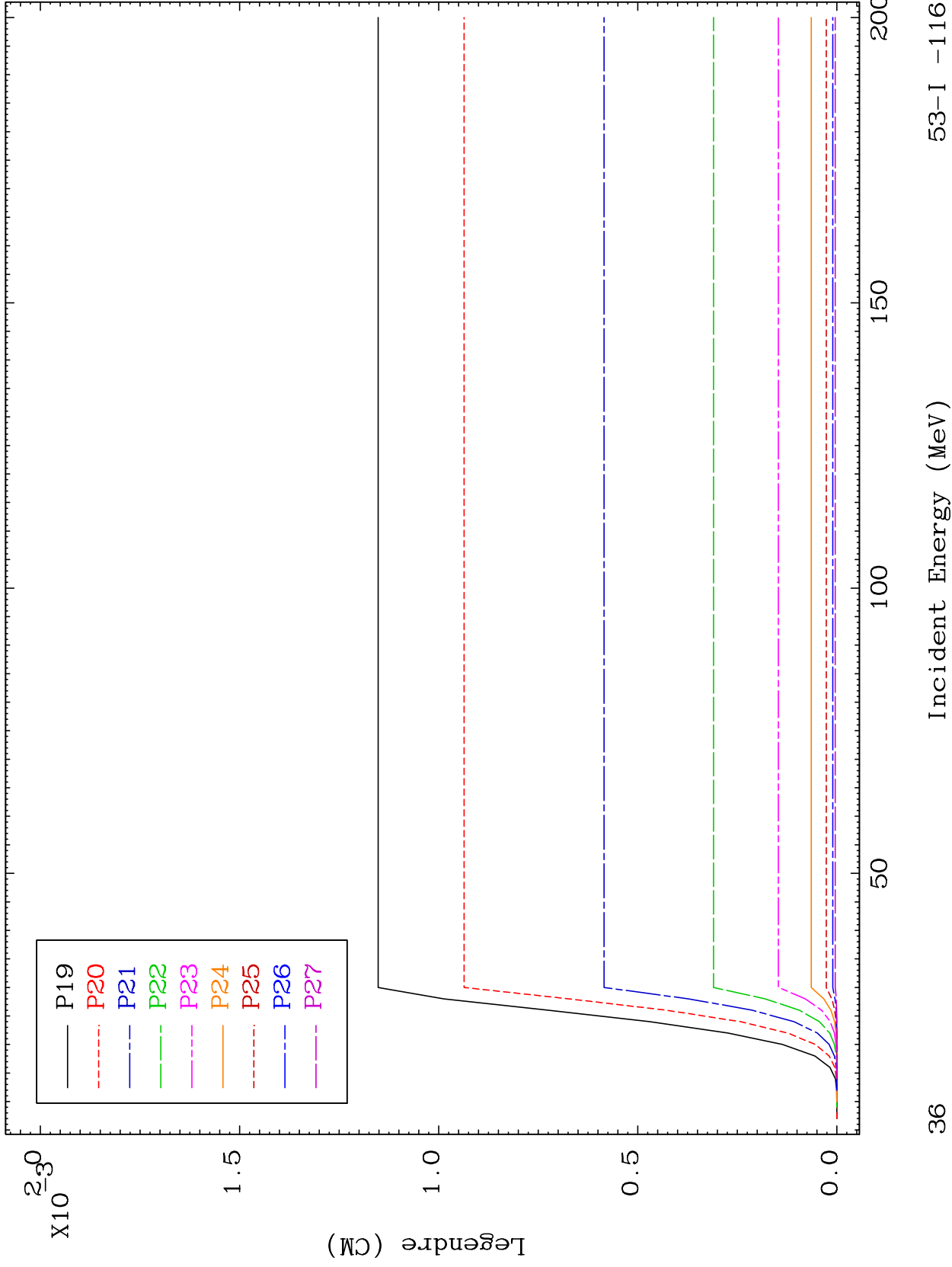


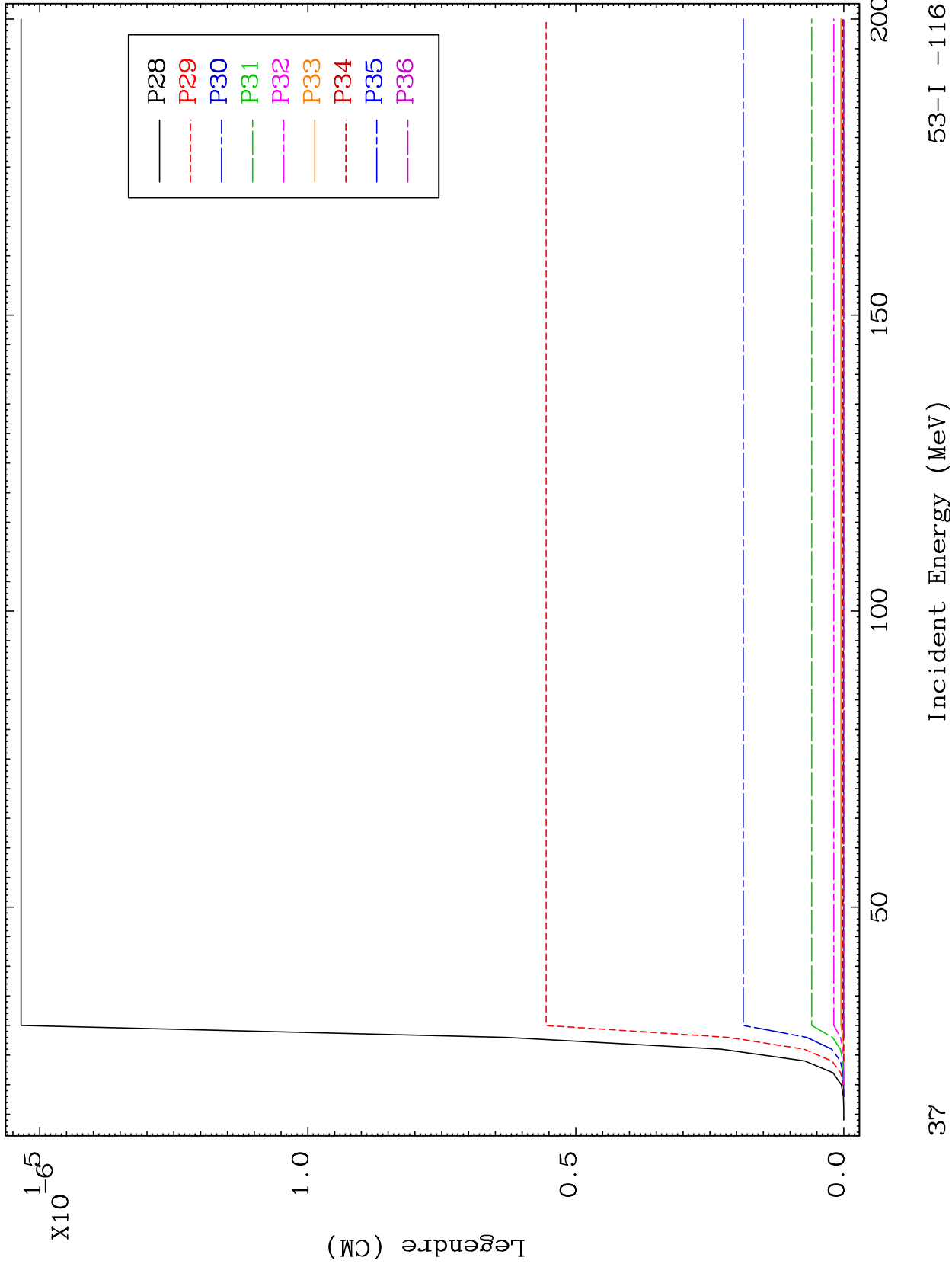








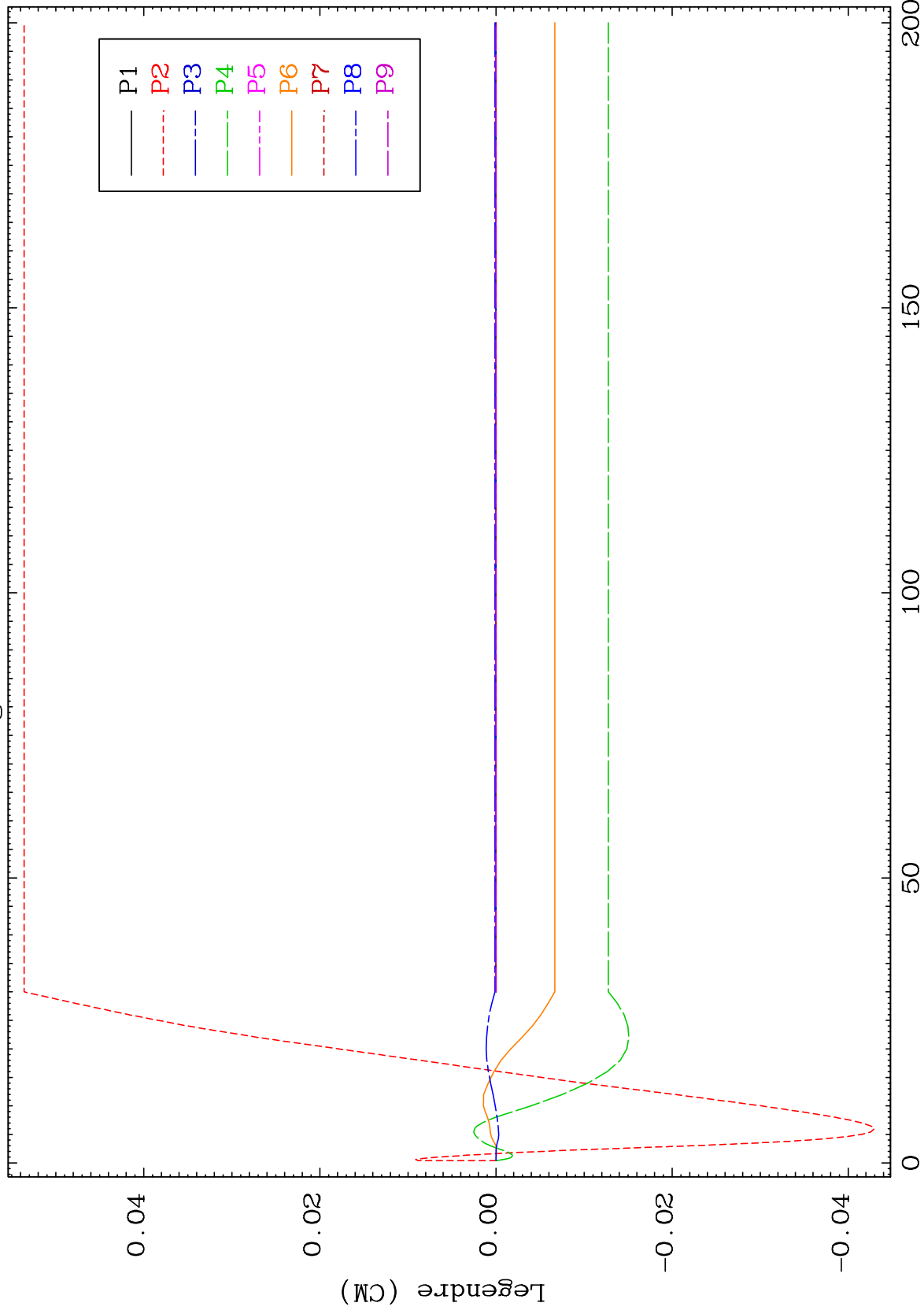




MAT 5292

376.5 keV (n,n') Level
Legendre Coefficients

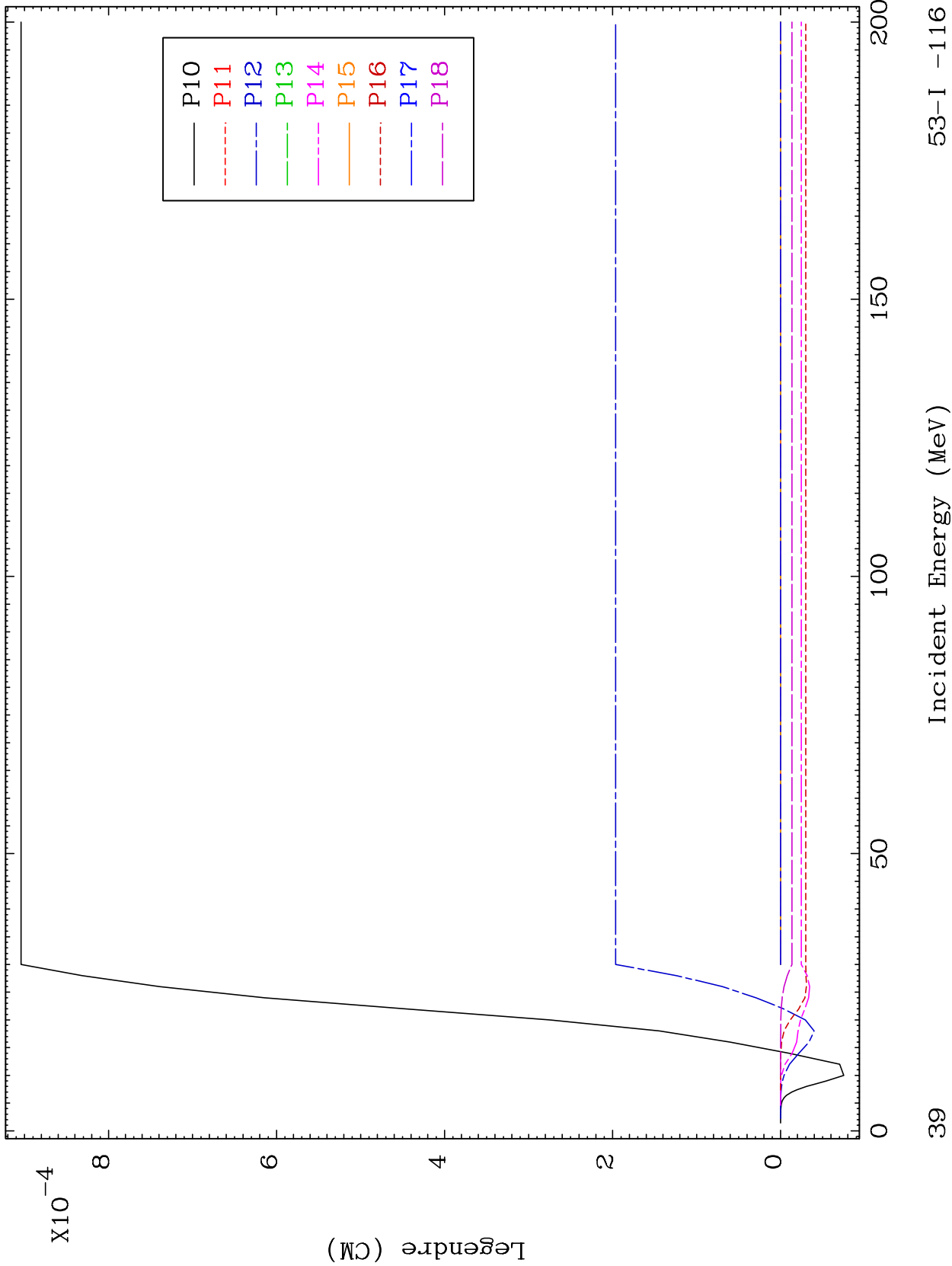
53-I -116

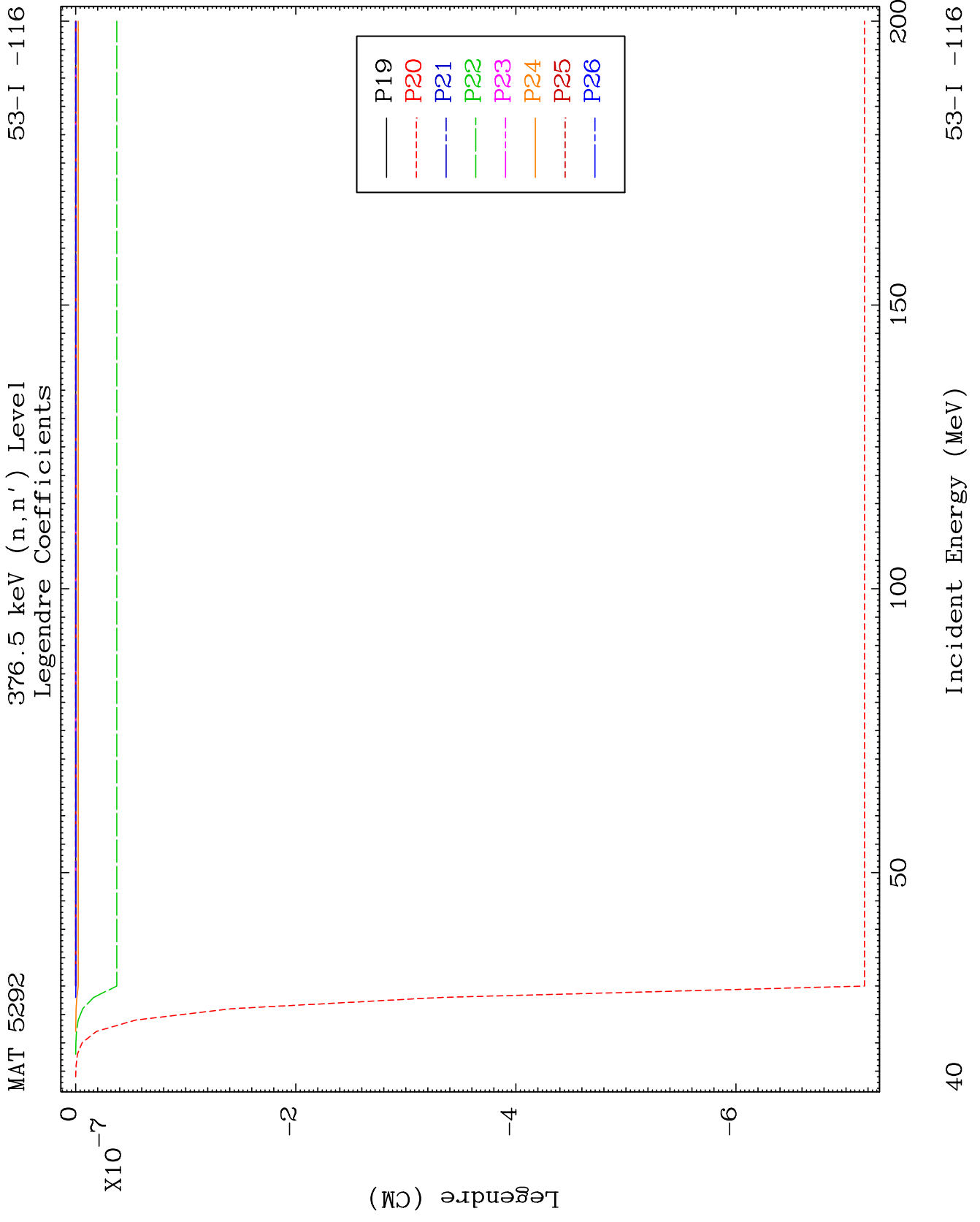


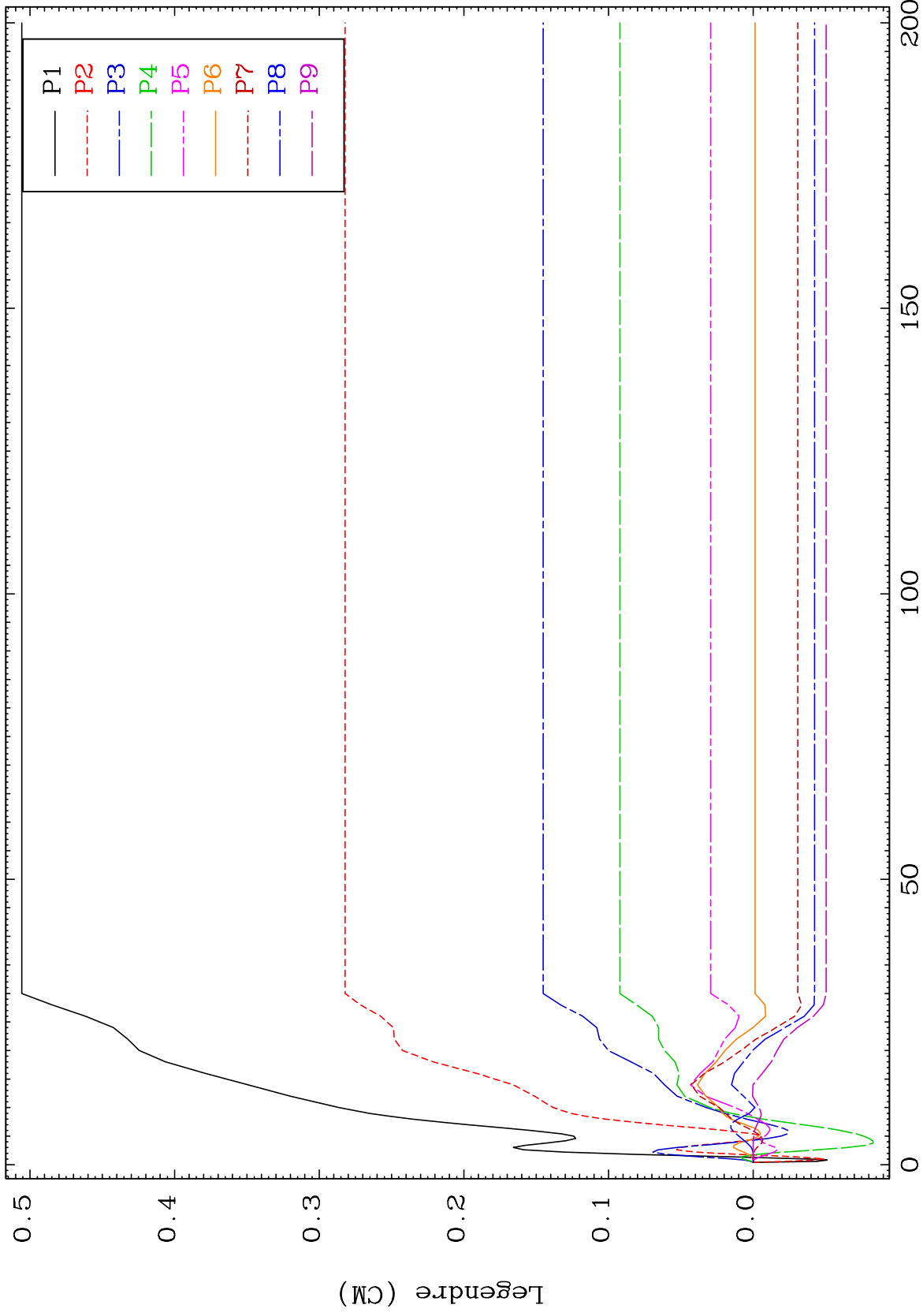
38

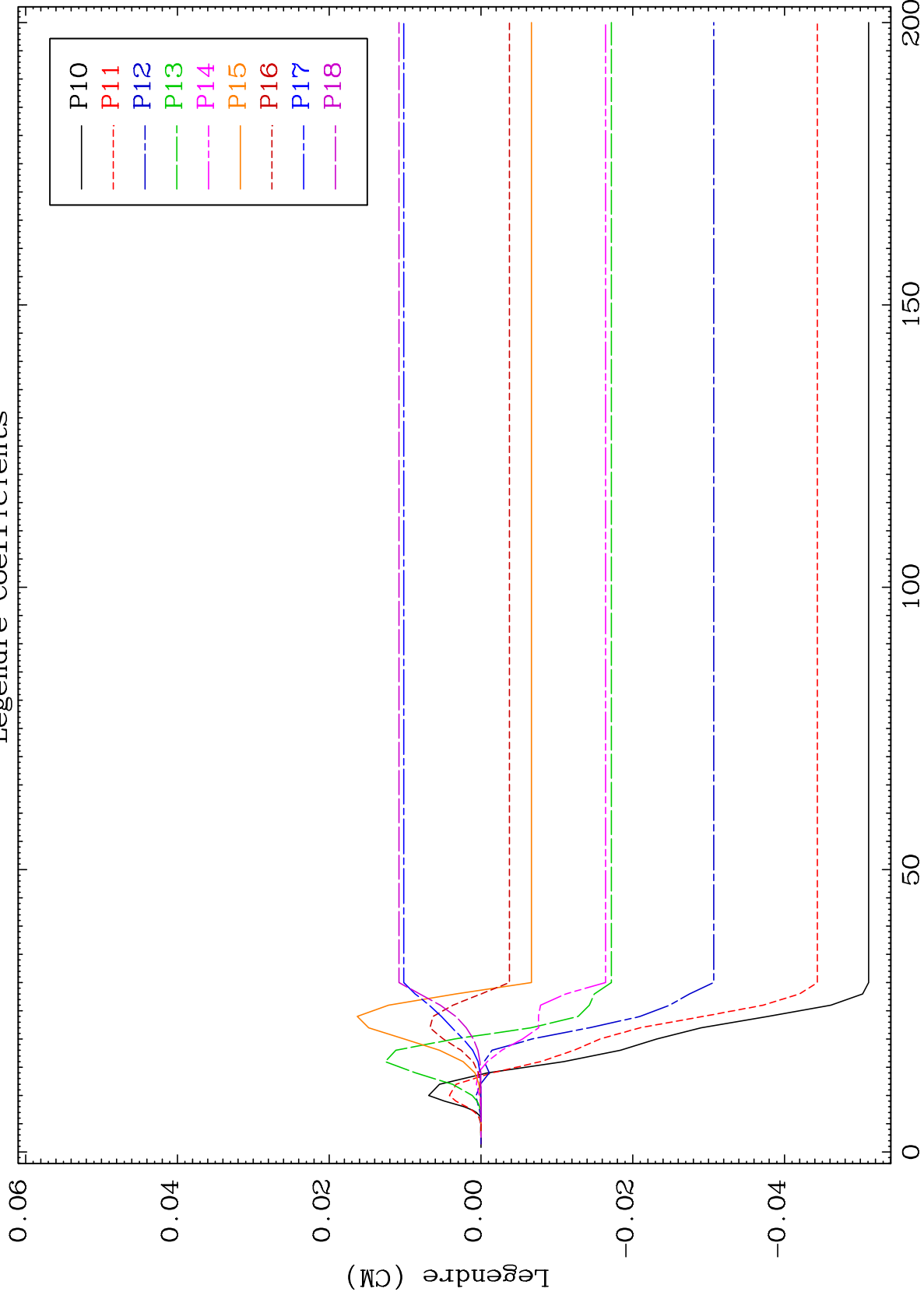
Incident Energy (MeV)

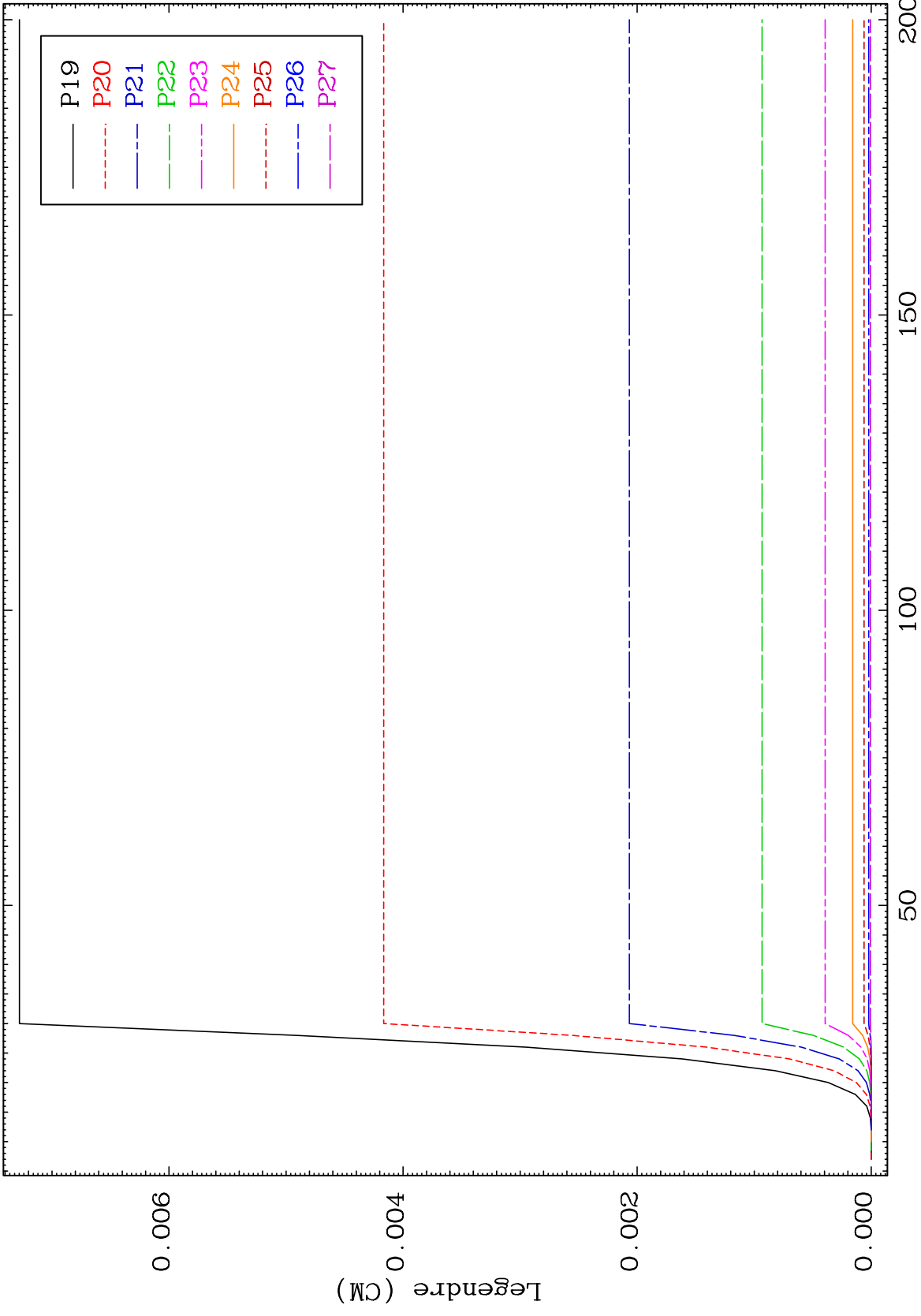
53-I -116

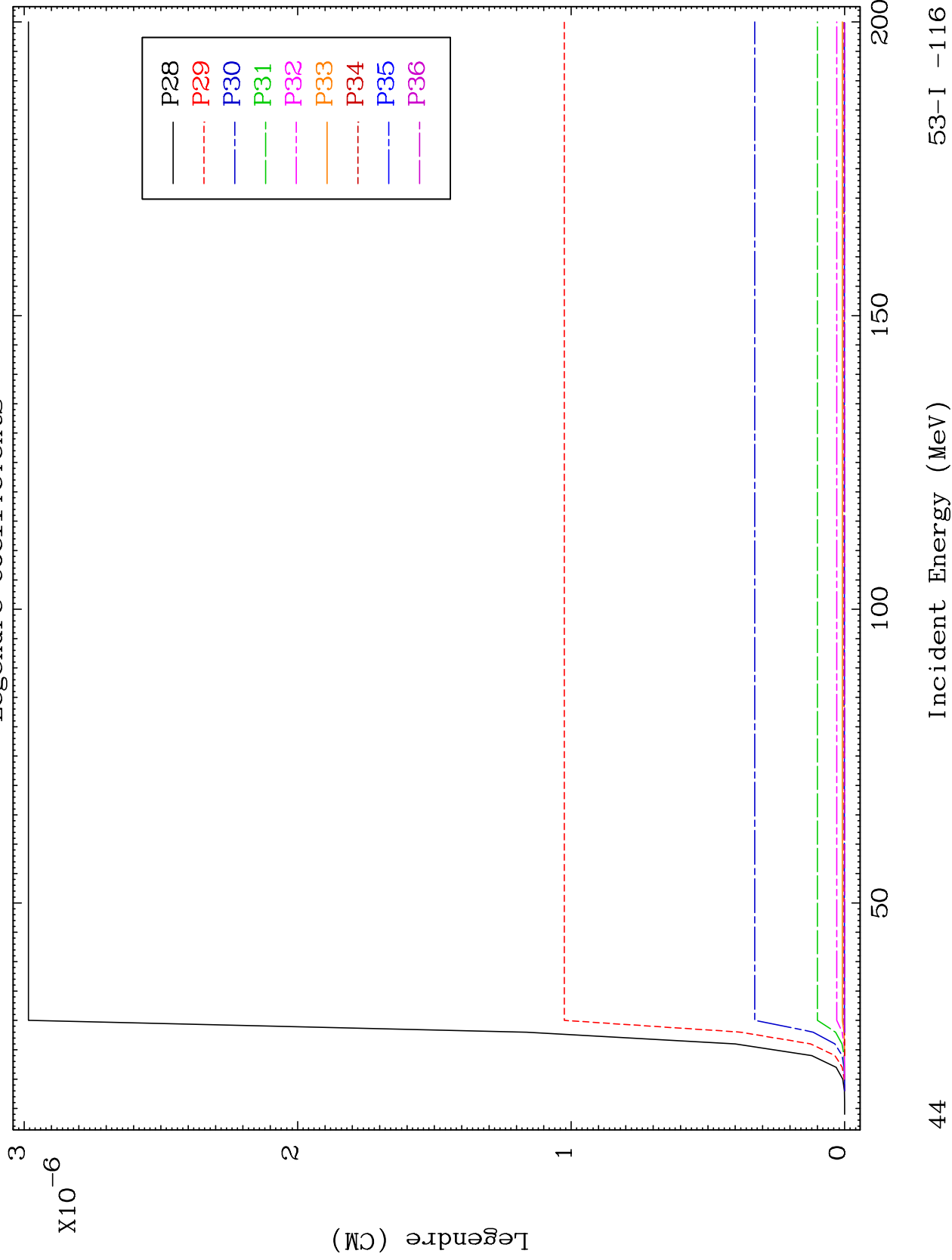


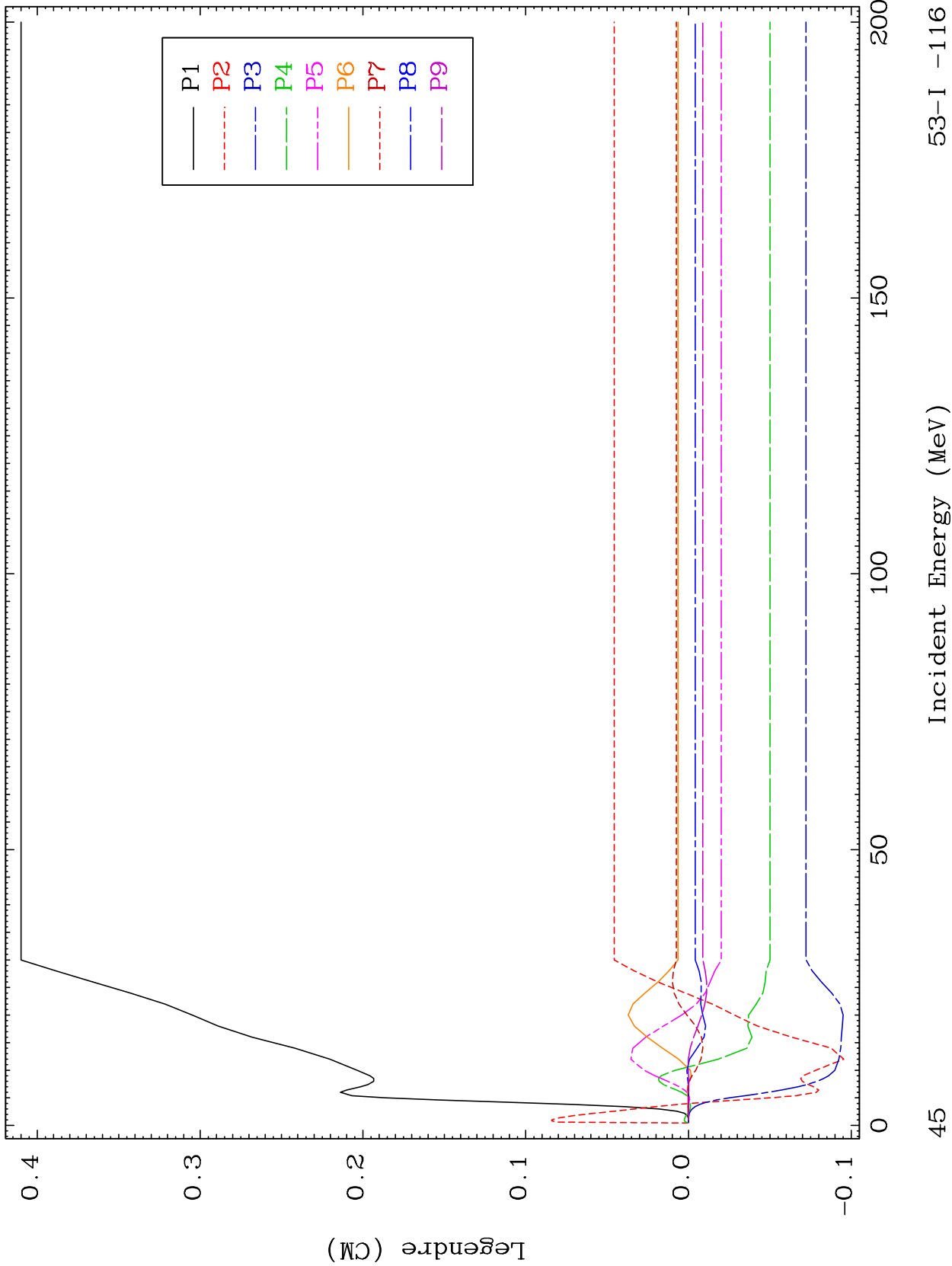


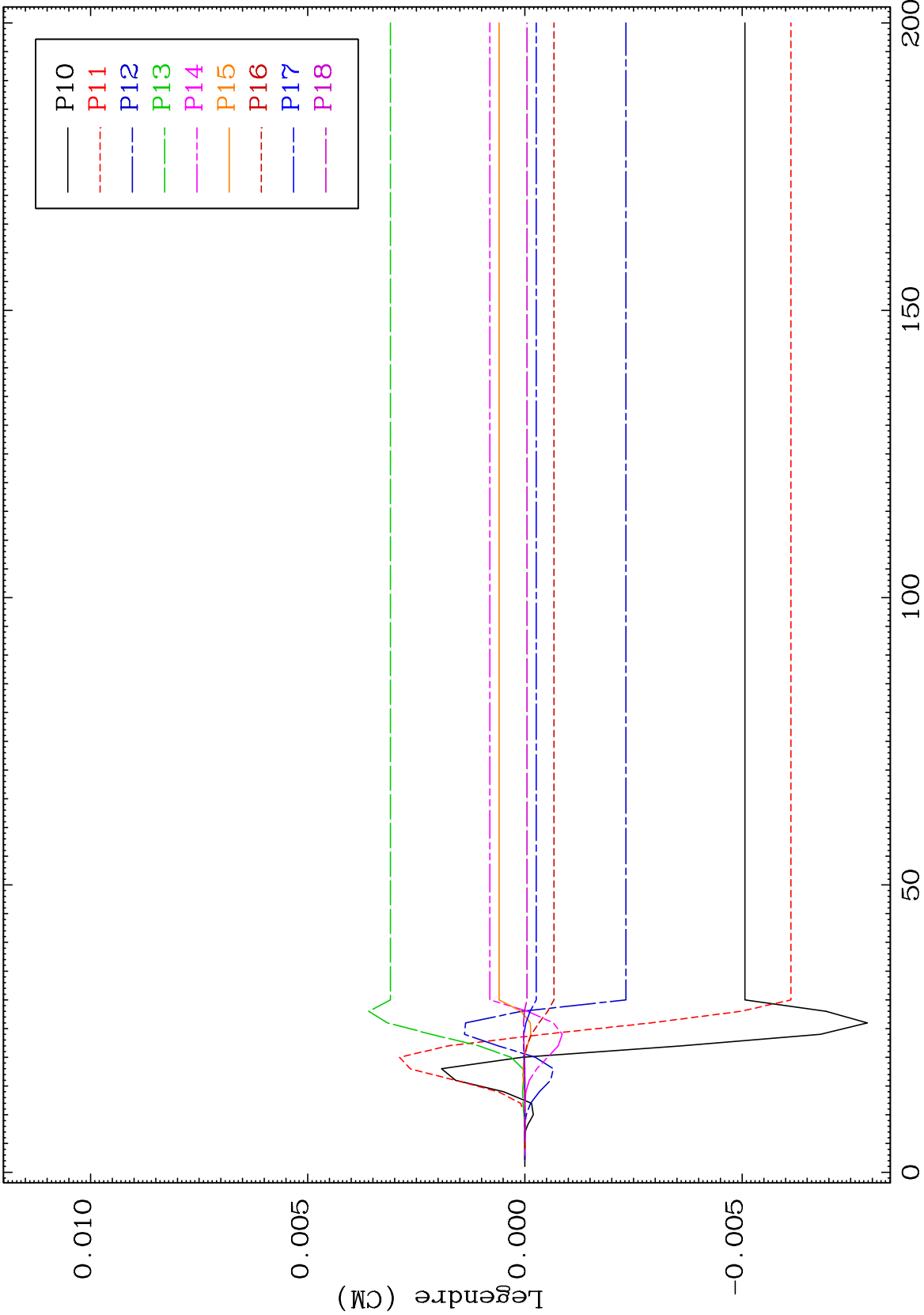


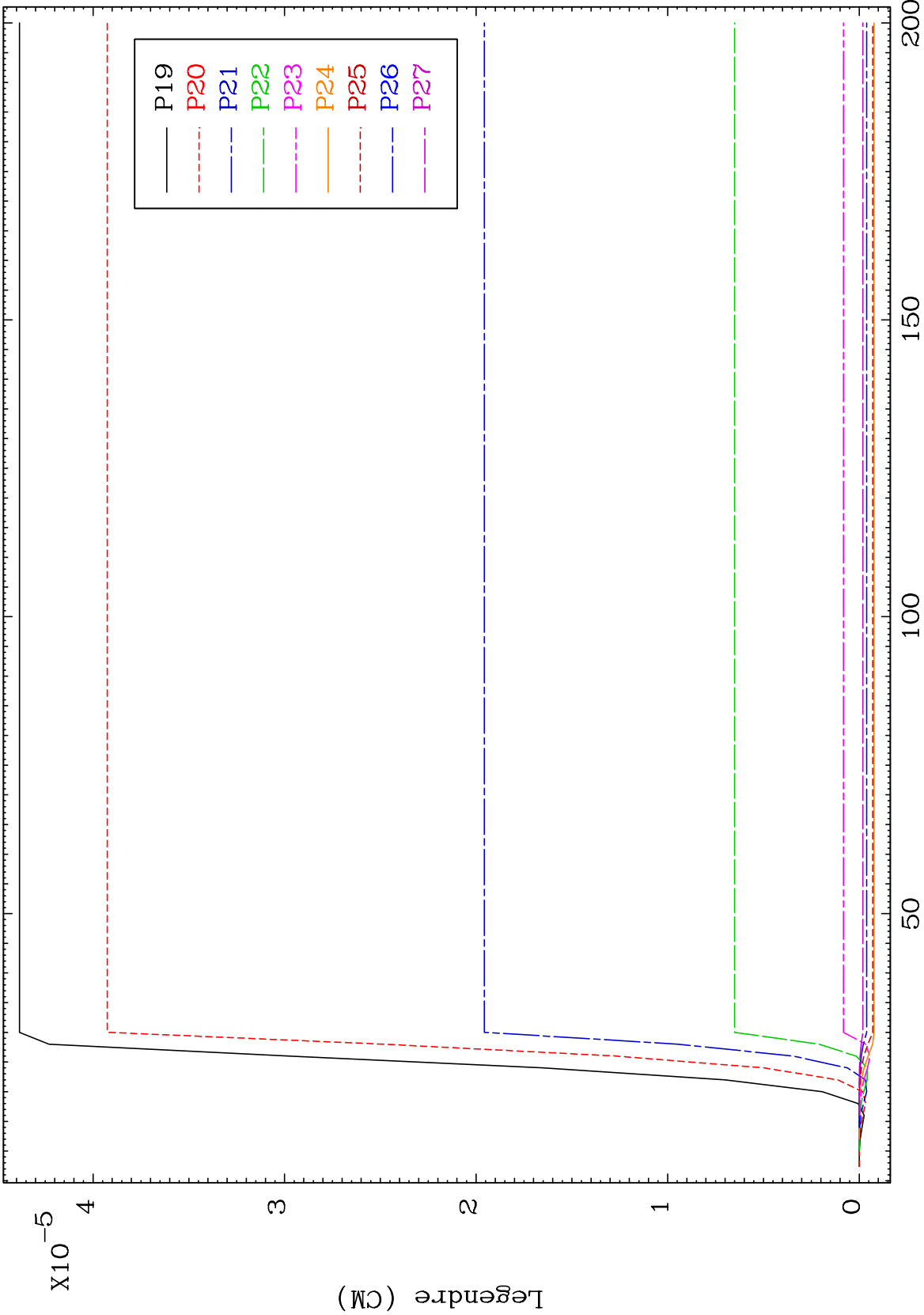




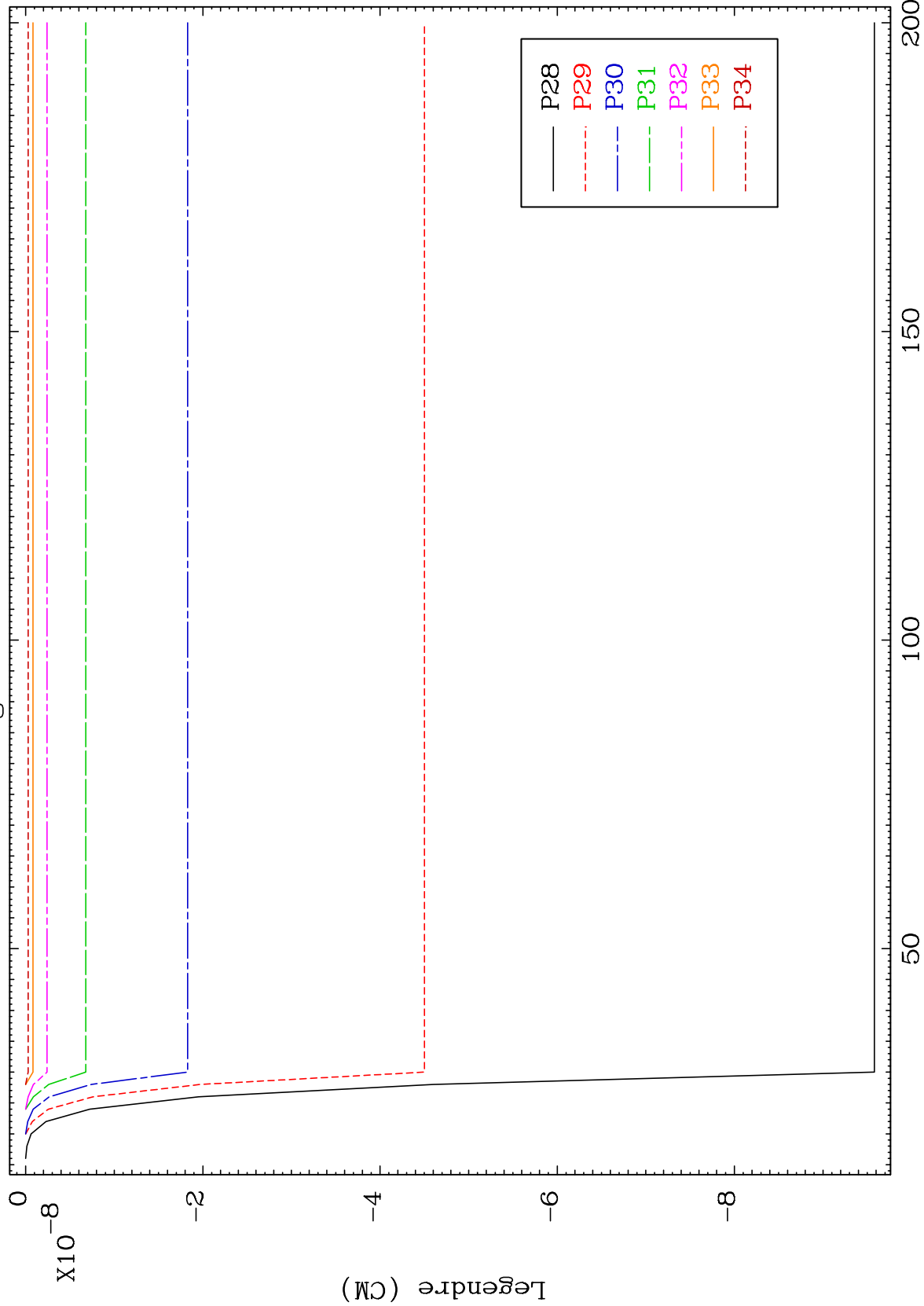


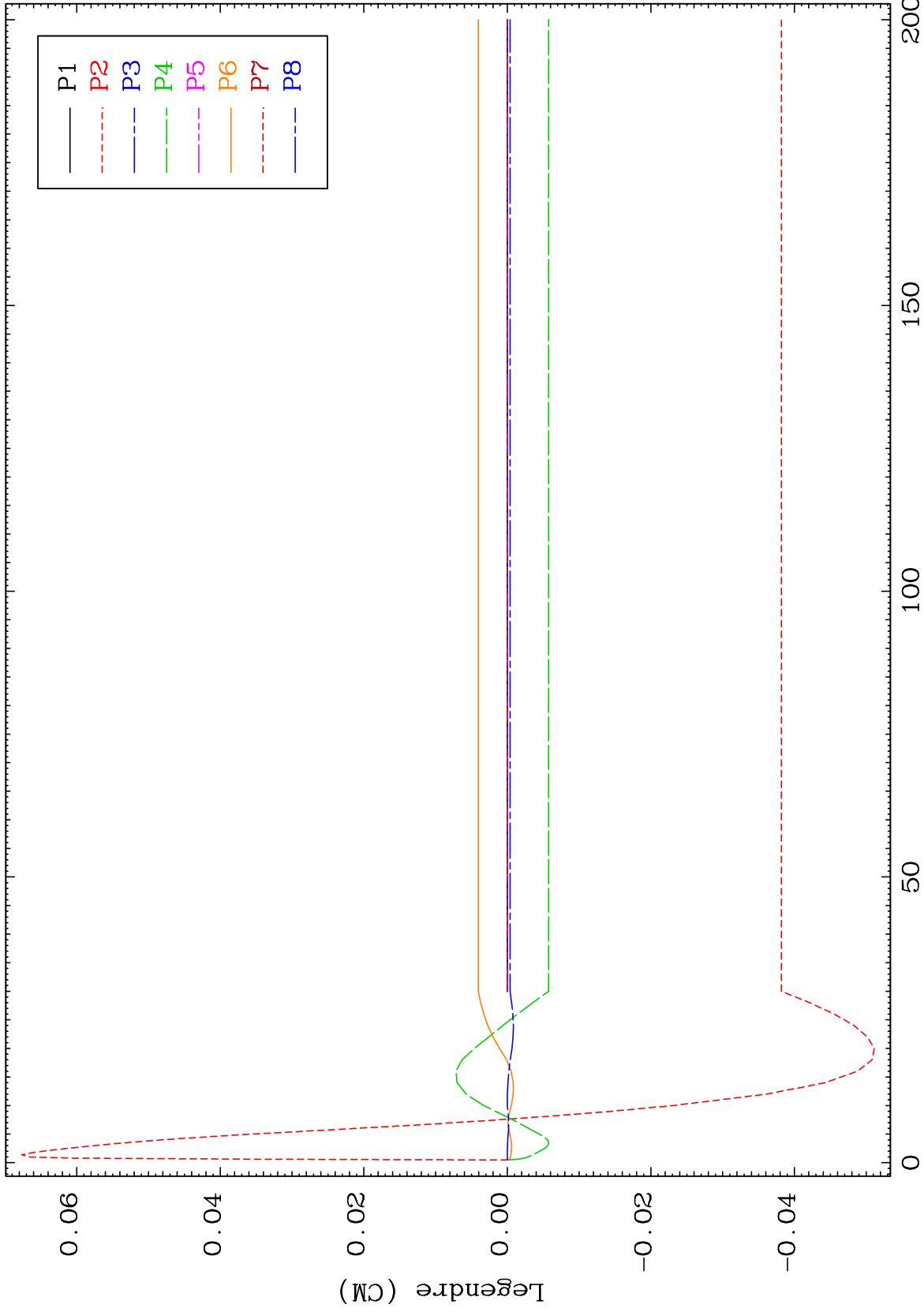


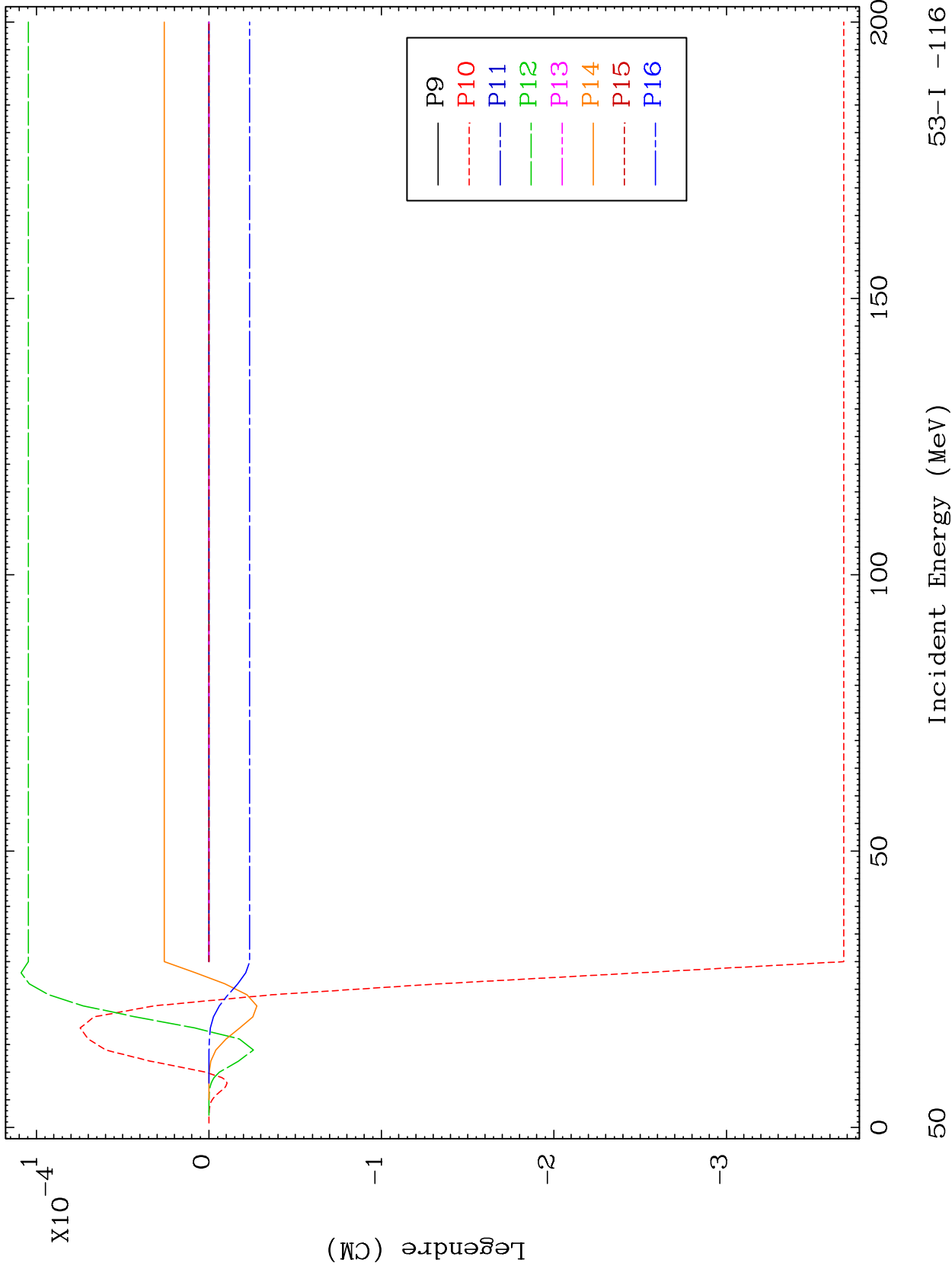


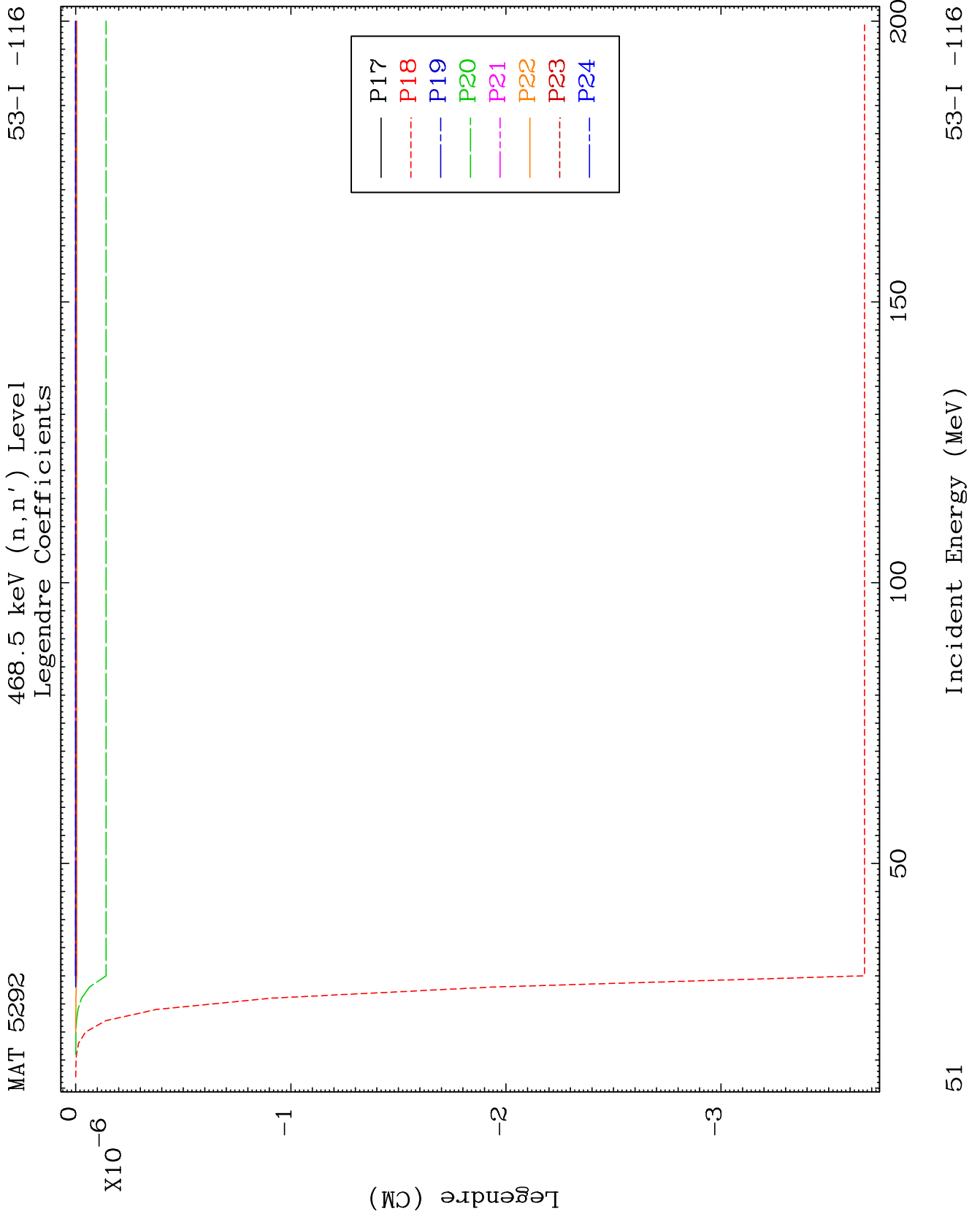


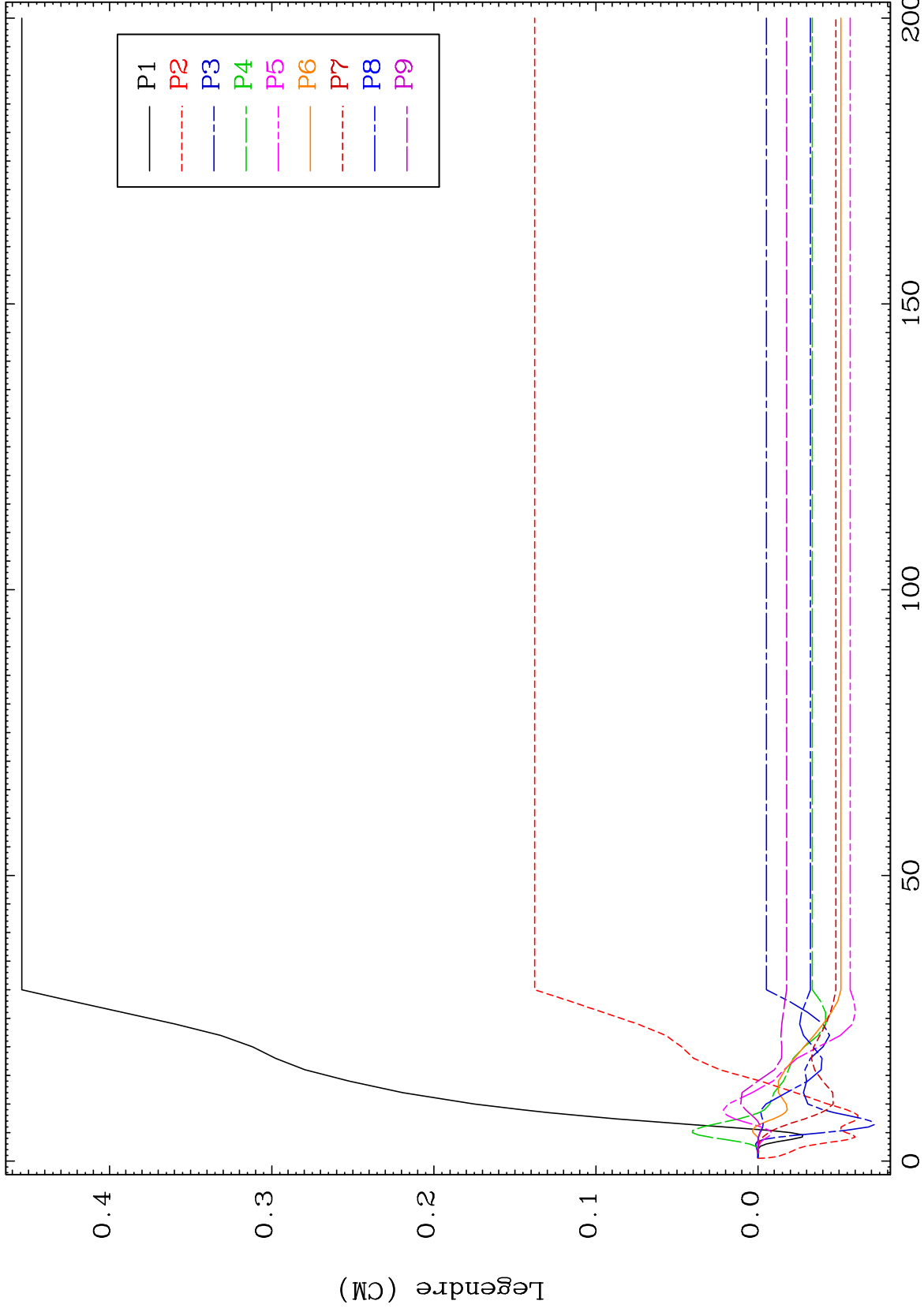
Legendre Coefficients

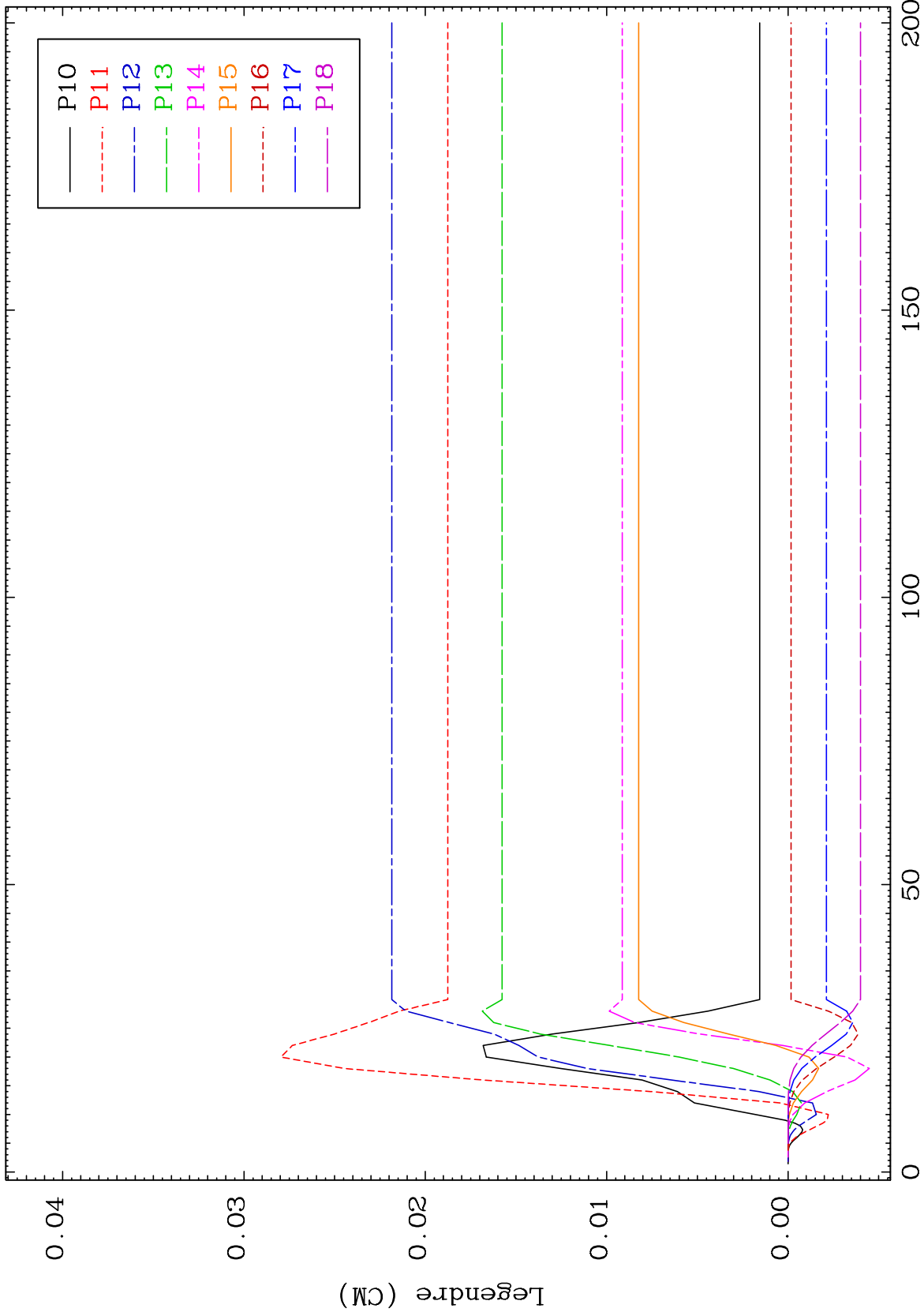


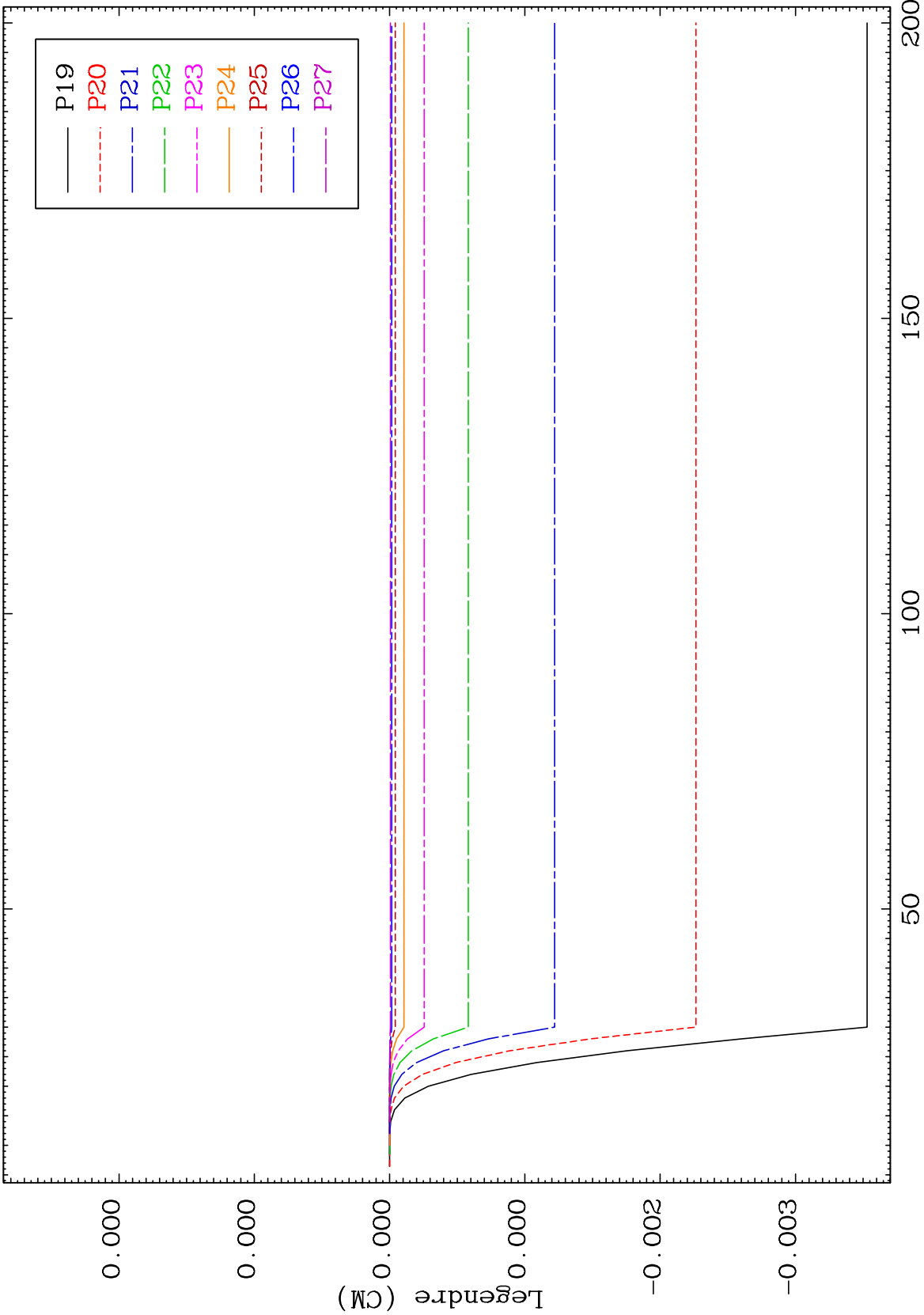


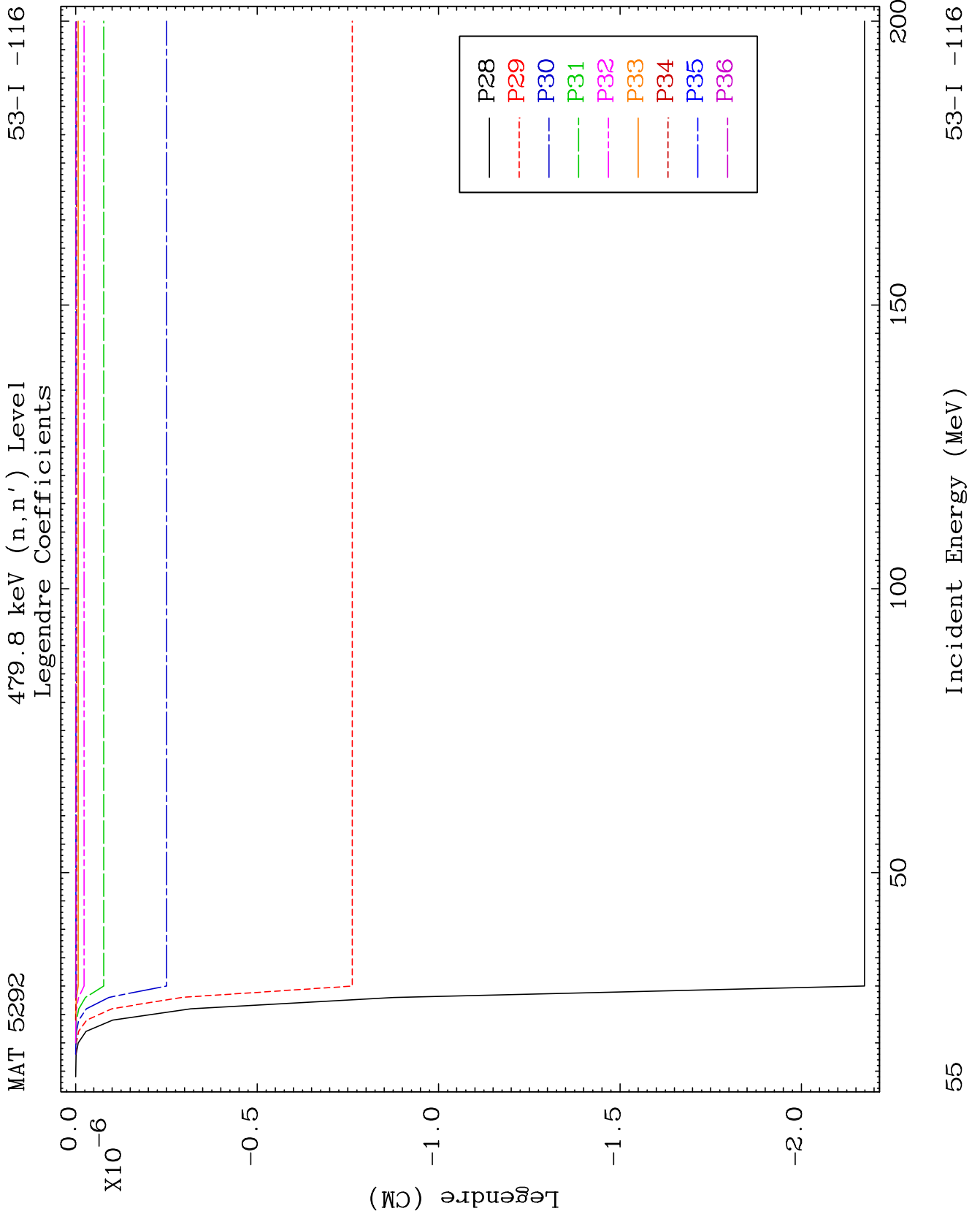




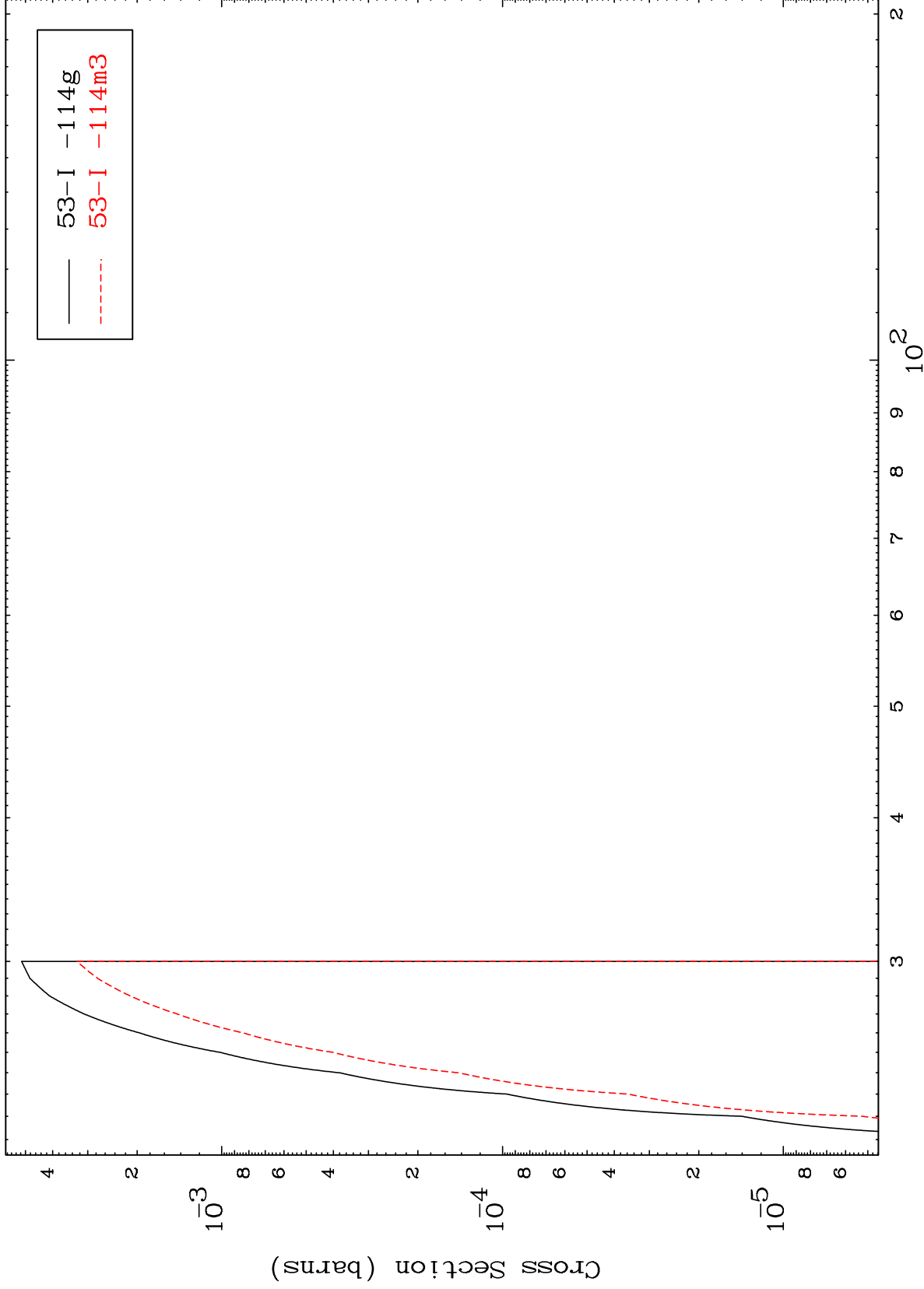


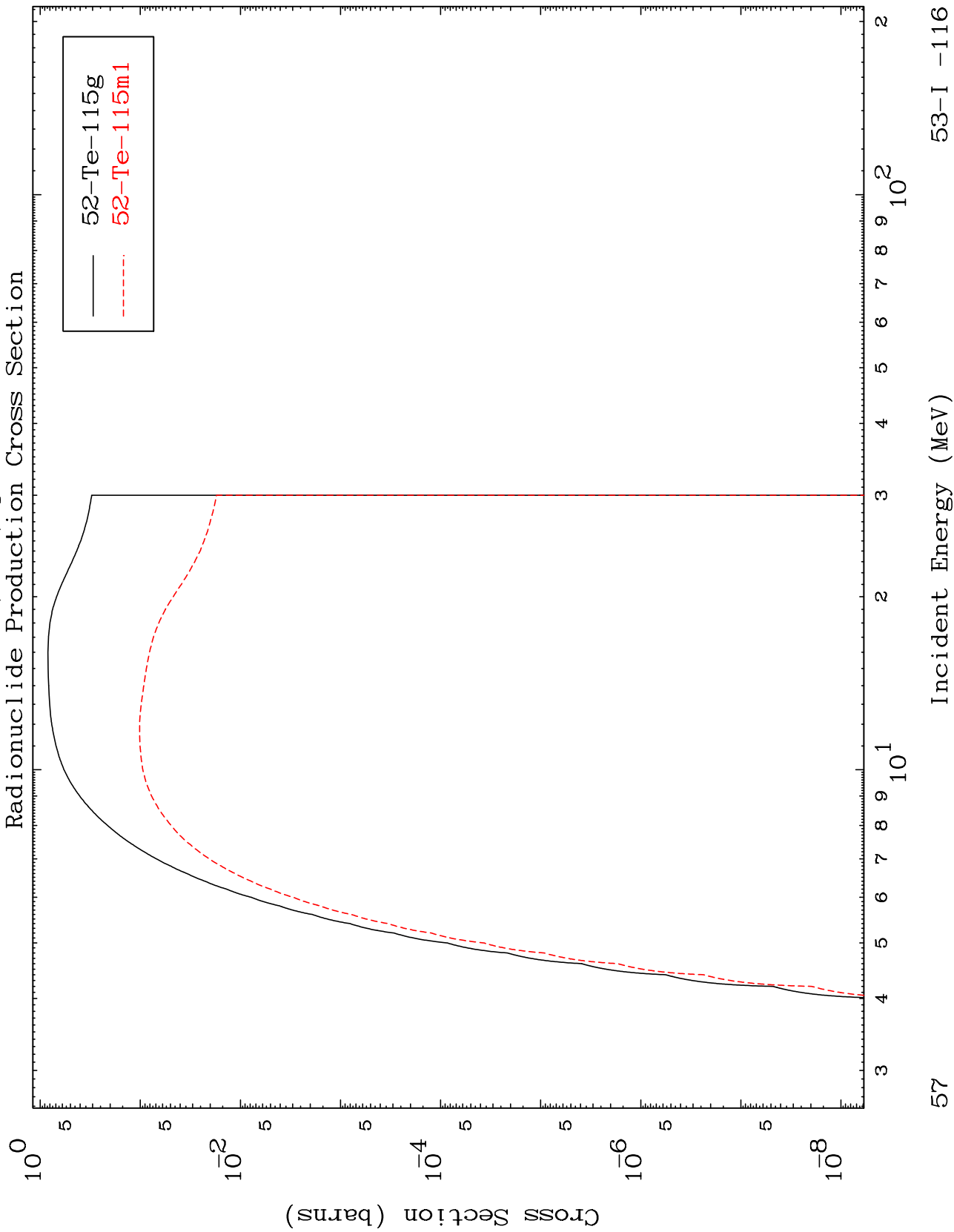






(n,3n)
Radionuclide Production Cross Section



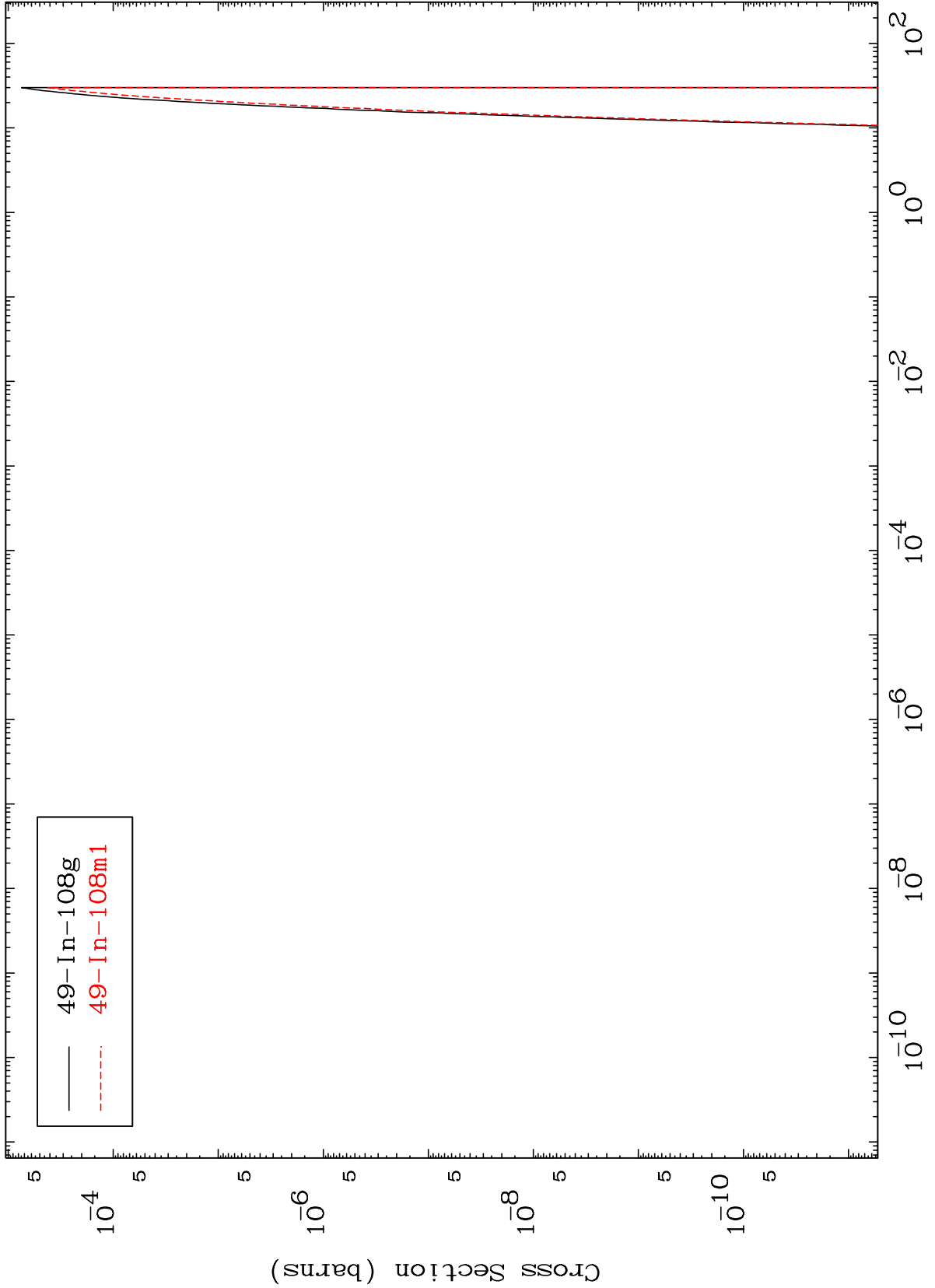


MAT 5292

(n,n') 2α

53-I -116

Radionuclide Production Cross Section



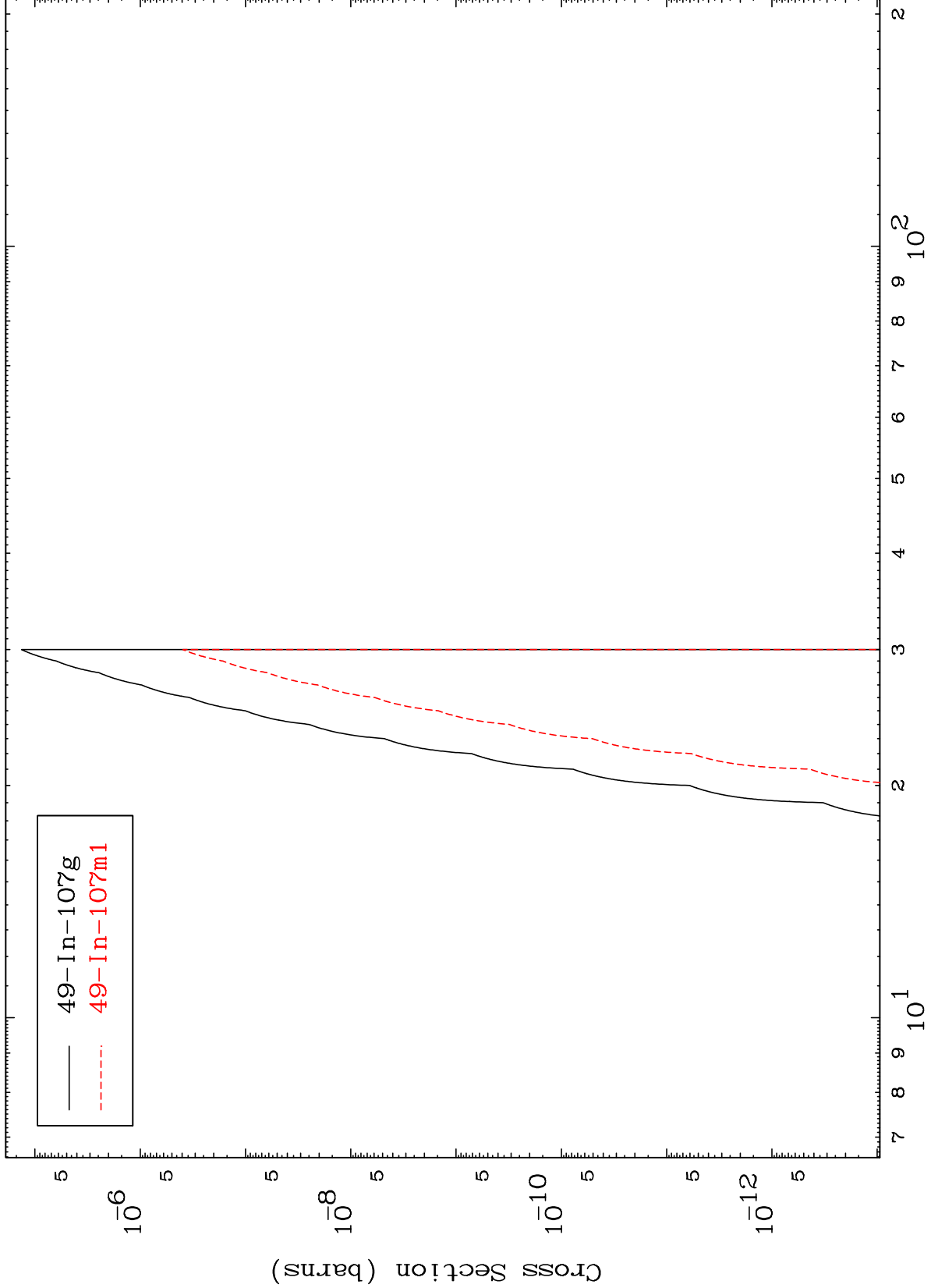
— 49-In-108g
- - - 49-In-108m1

58

Incident Energy (MeV)

53-I -116

Radionuclide Production Cross Section



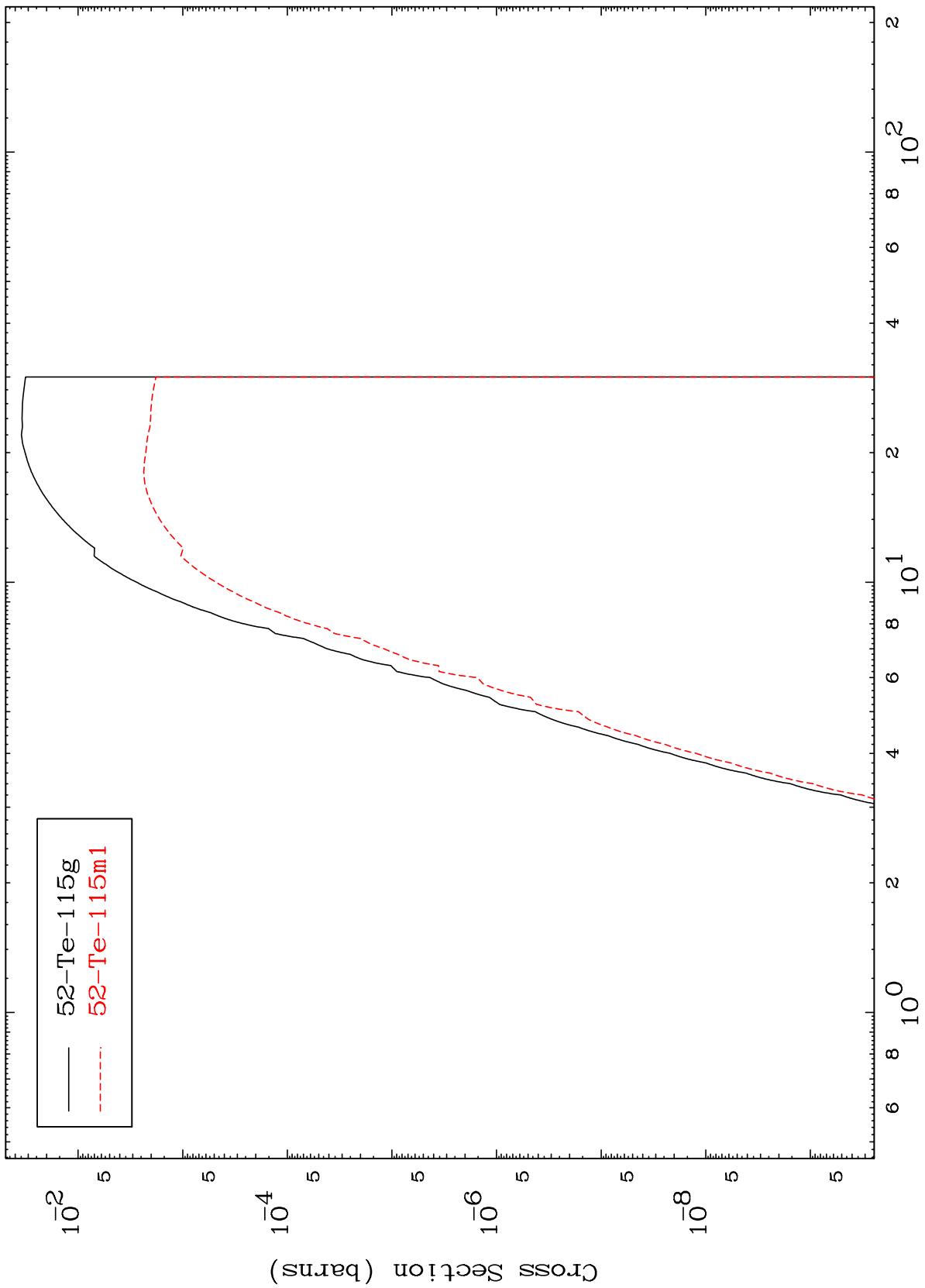
— 49-In-107g
- - - 49-In-107m1

MAT 5292

(n,d)

53-I -116

Radionuclide Production Cross Section



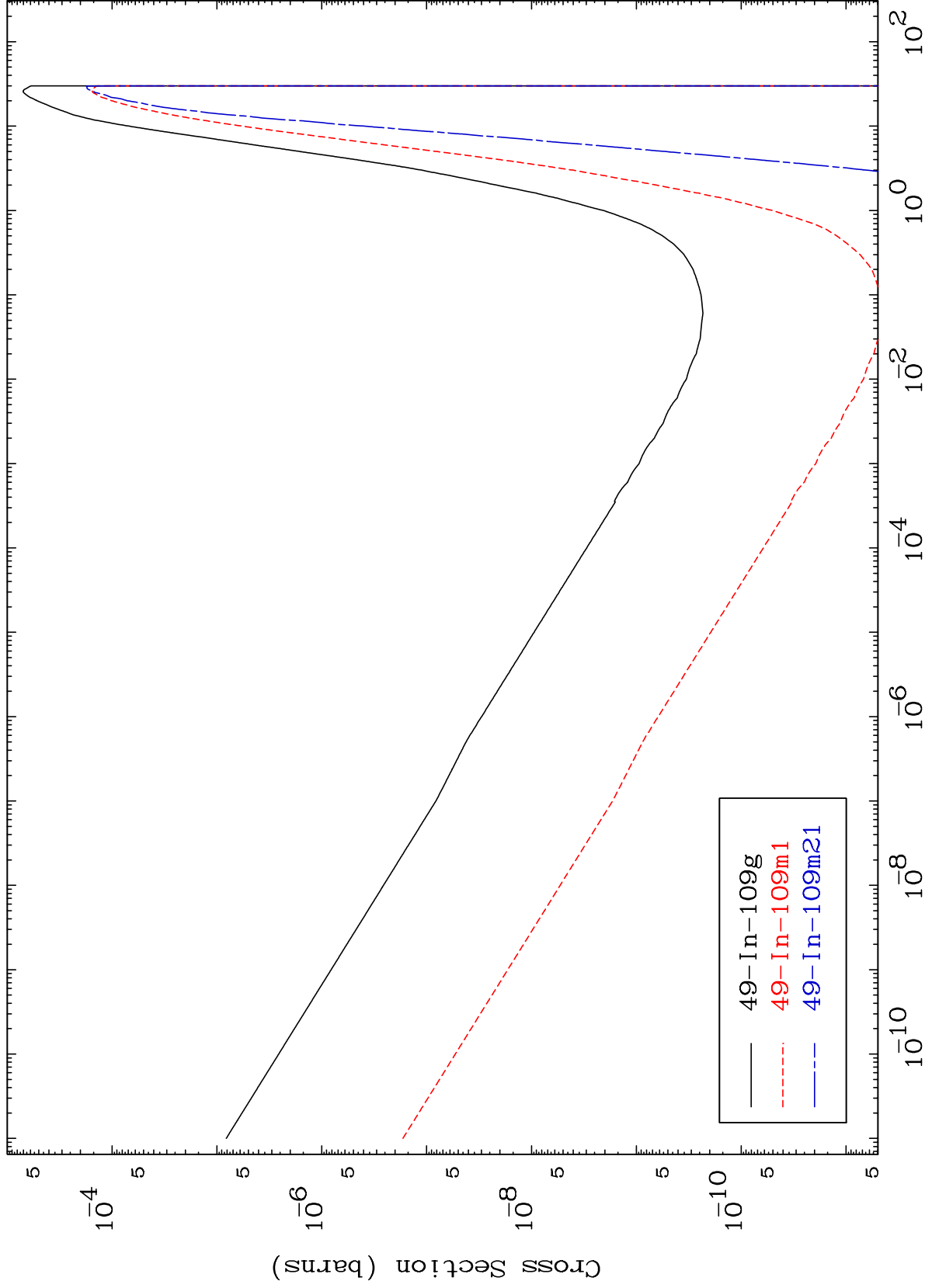
52-Te-115g
52-Te-115m1

60

Incident Energy (MeV)

53-I -116

Radionuclide Production Cross Section

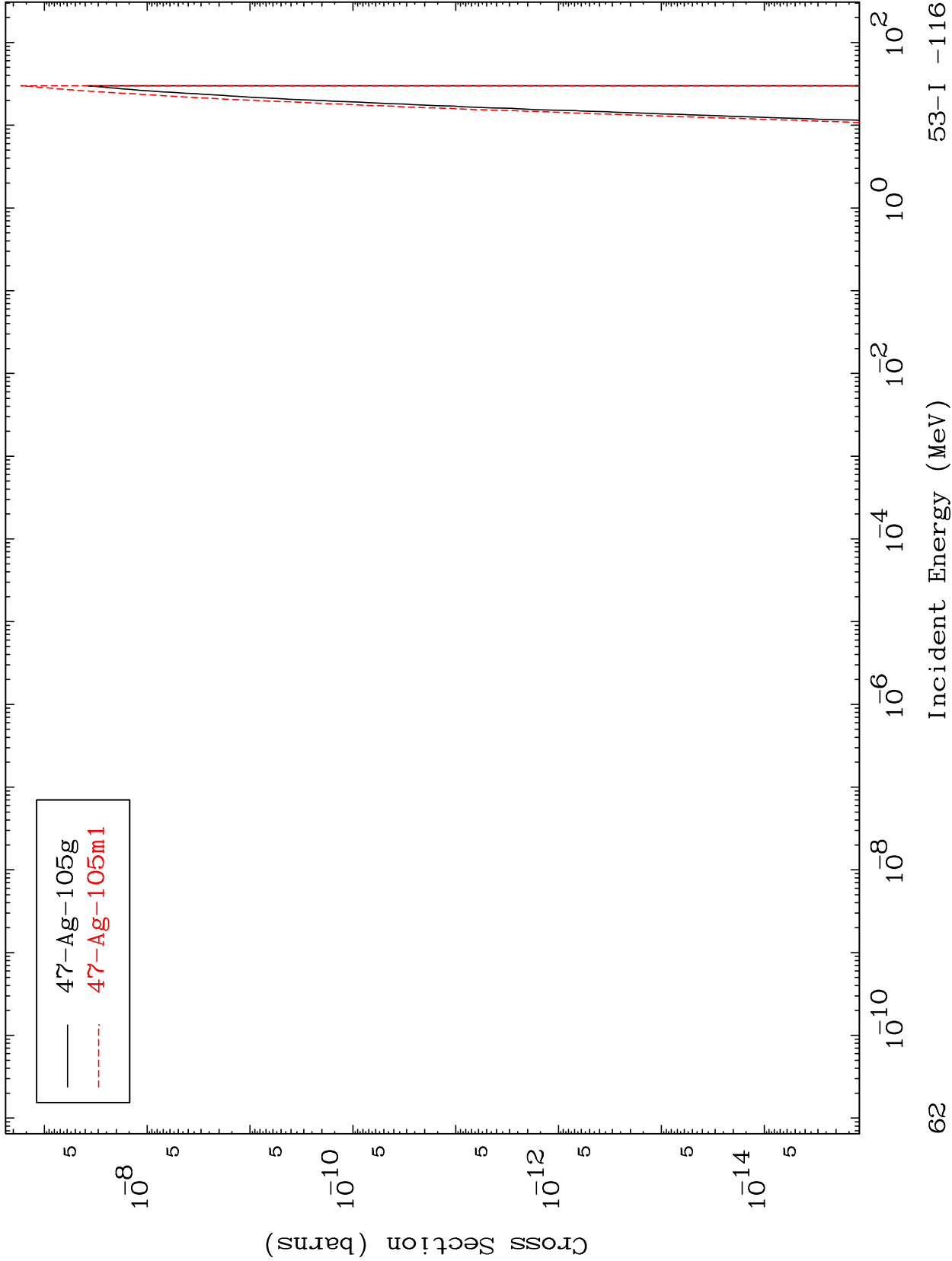


MAT 5292

(n,3 α)

53-I -116

Radionuclide Production Cross Section



62

Incident Energy (MeV)

53-I -116