

Program EVALPLOT
(Version 2017-1)

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

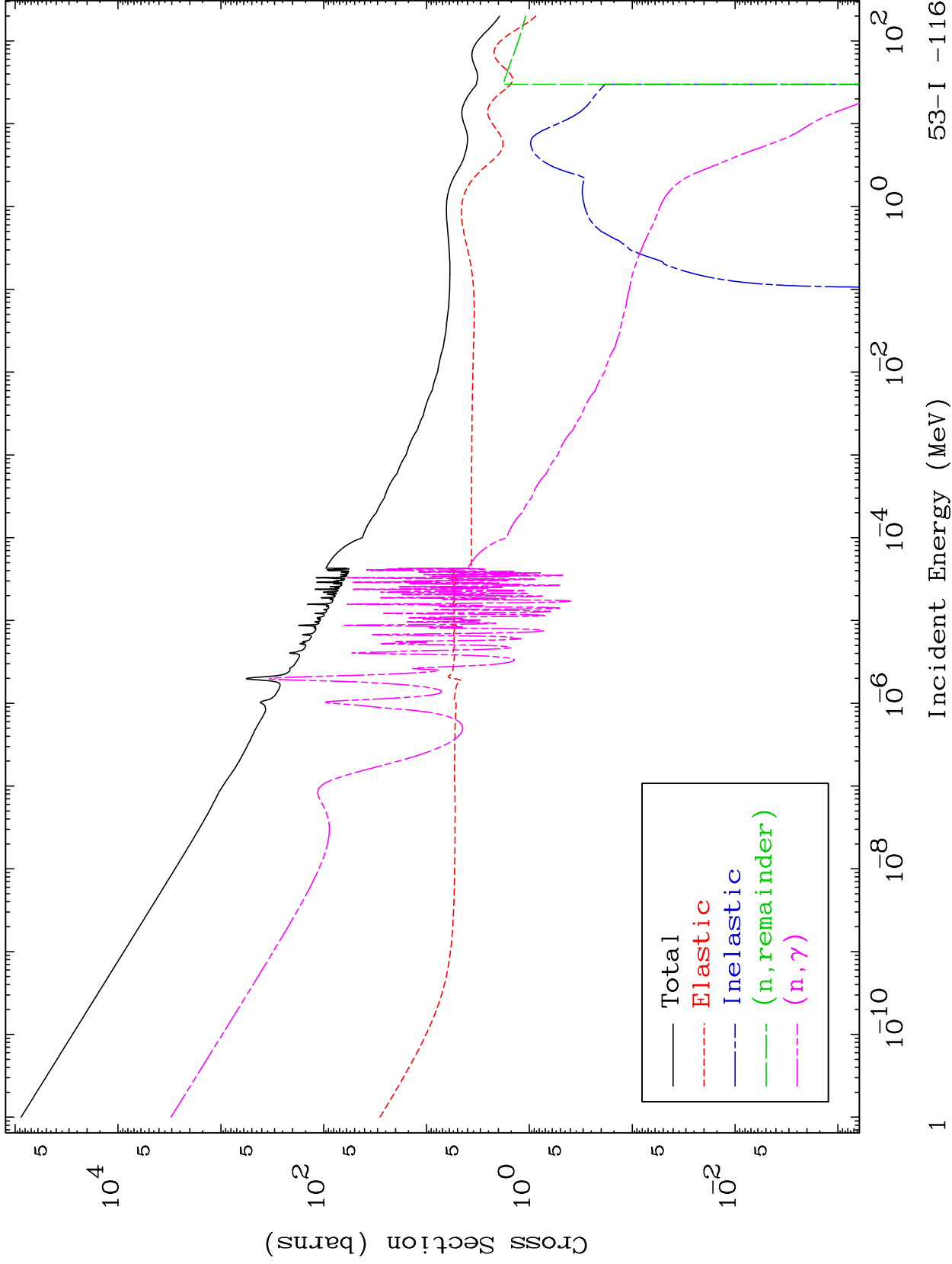
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5292

Major
293 Kelvin Cross Sections

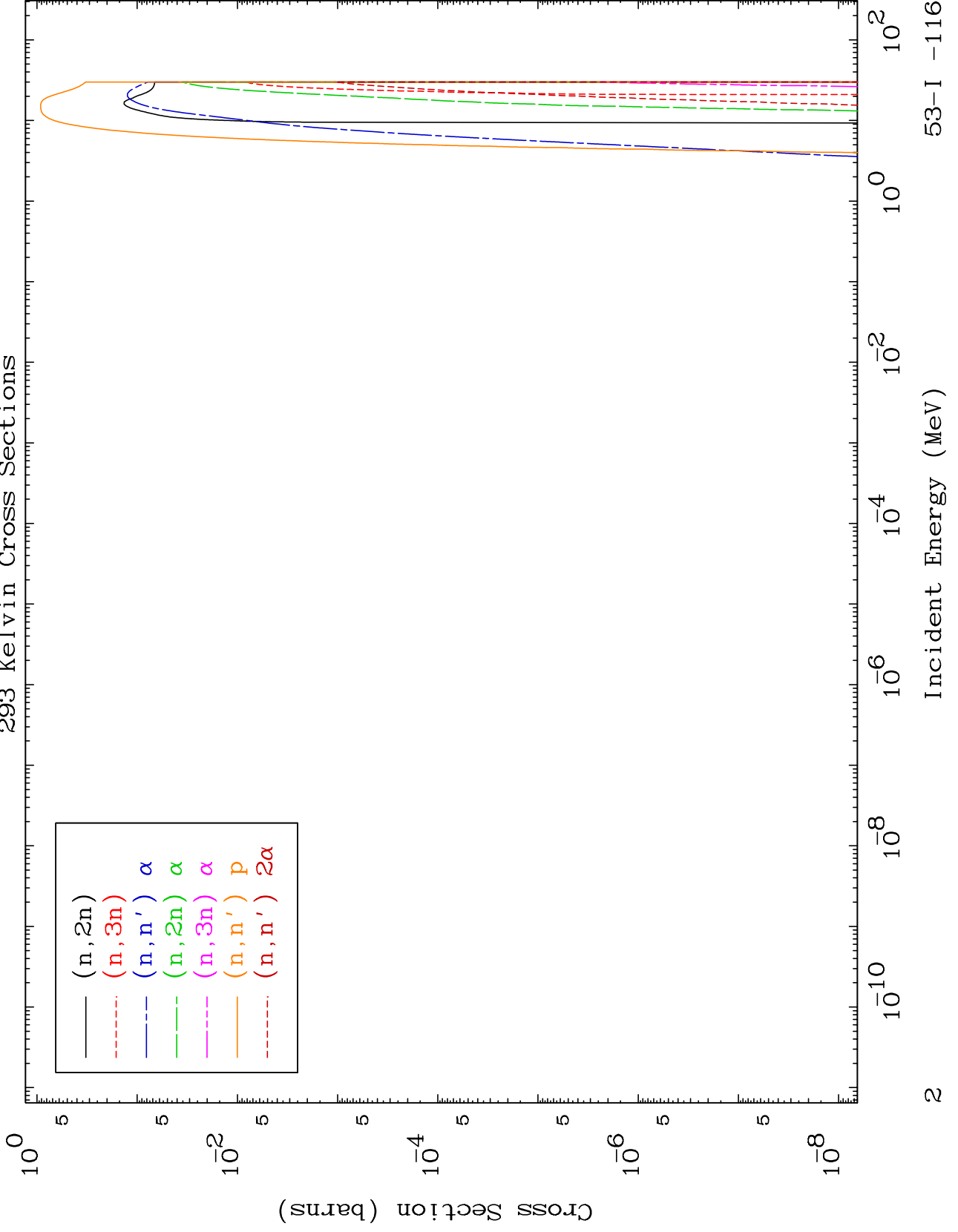
53-I -116

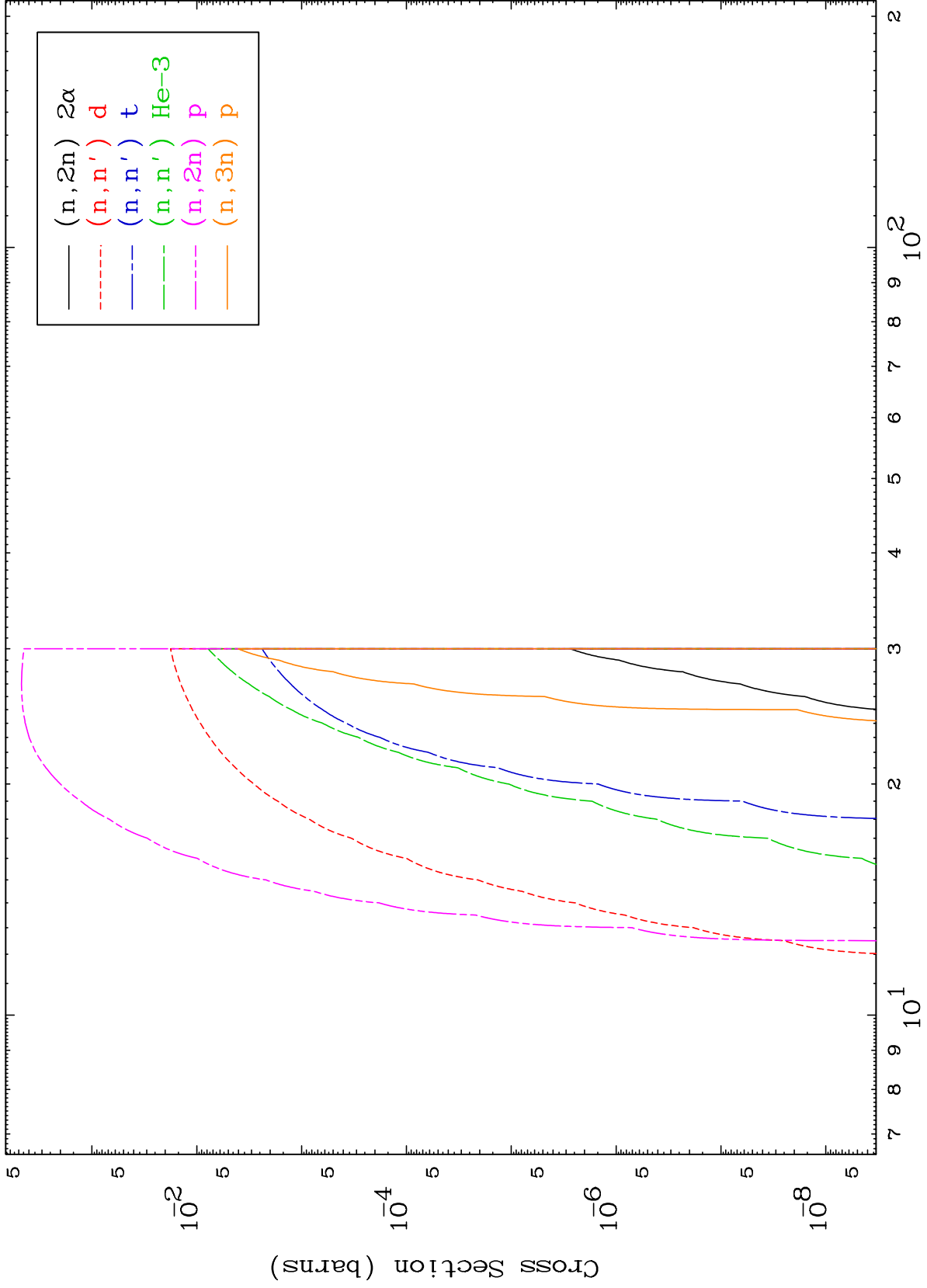


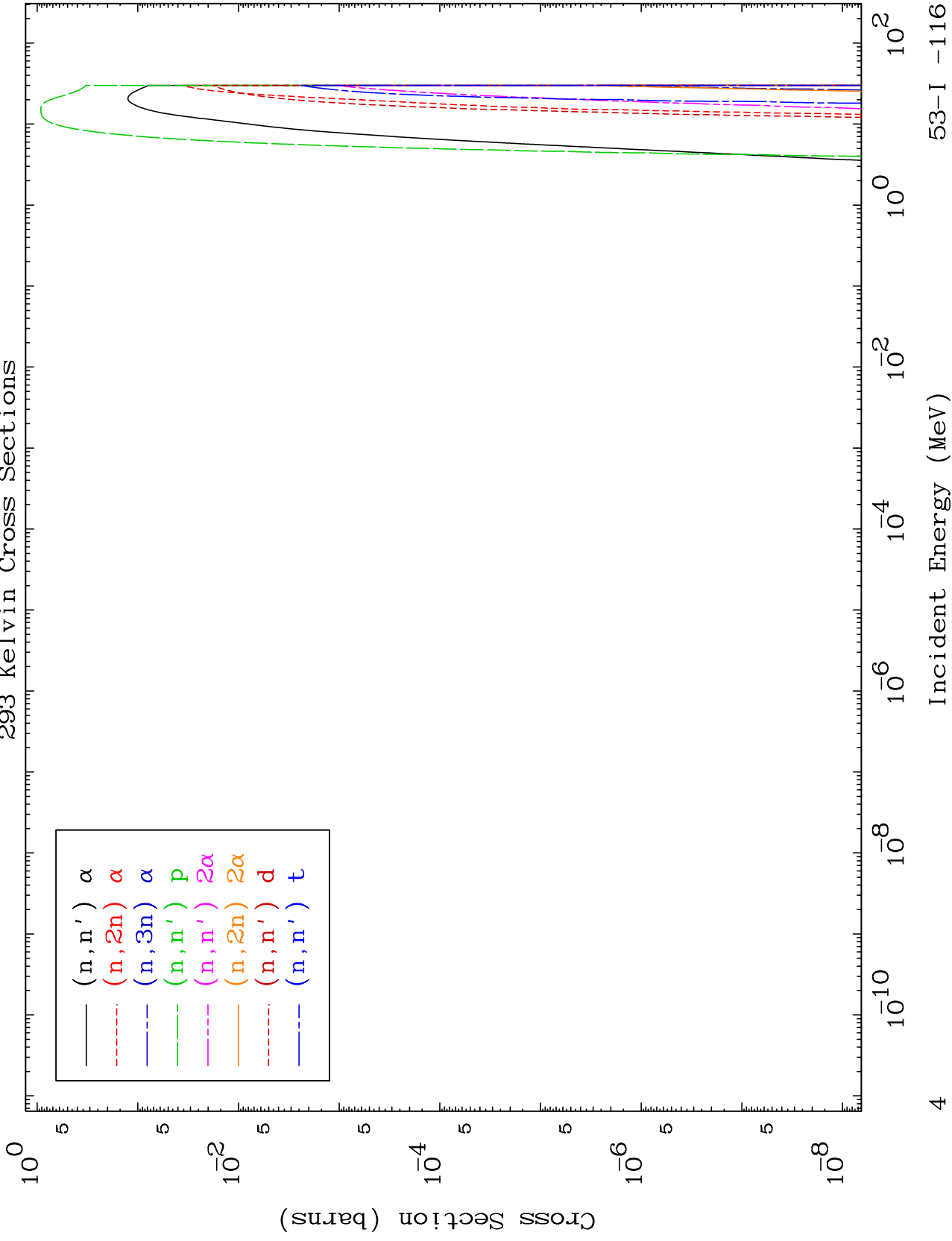
MAT 5292

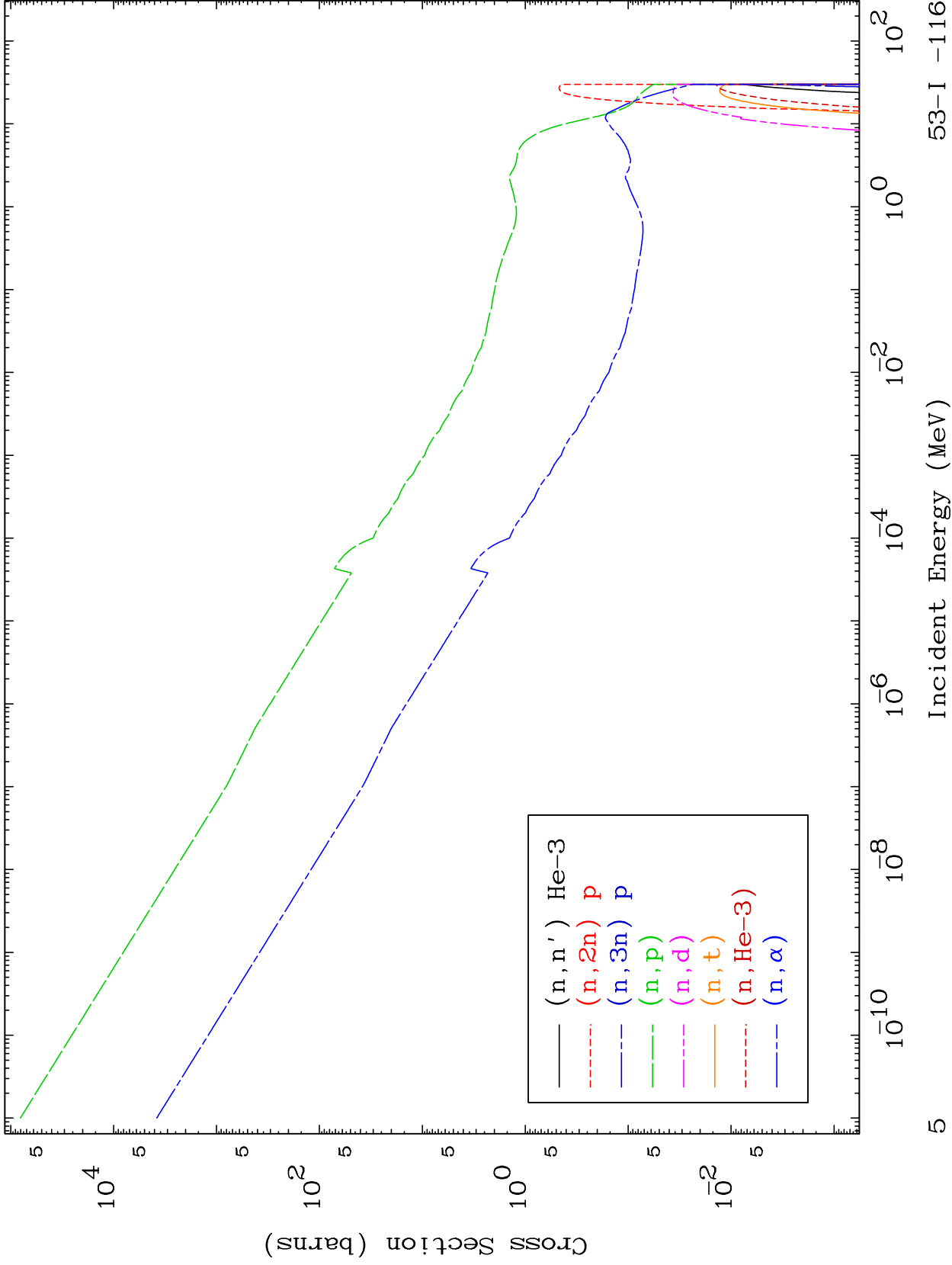
Neutron Production
293 Kelvin Cross Sections

53-I -116





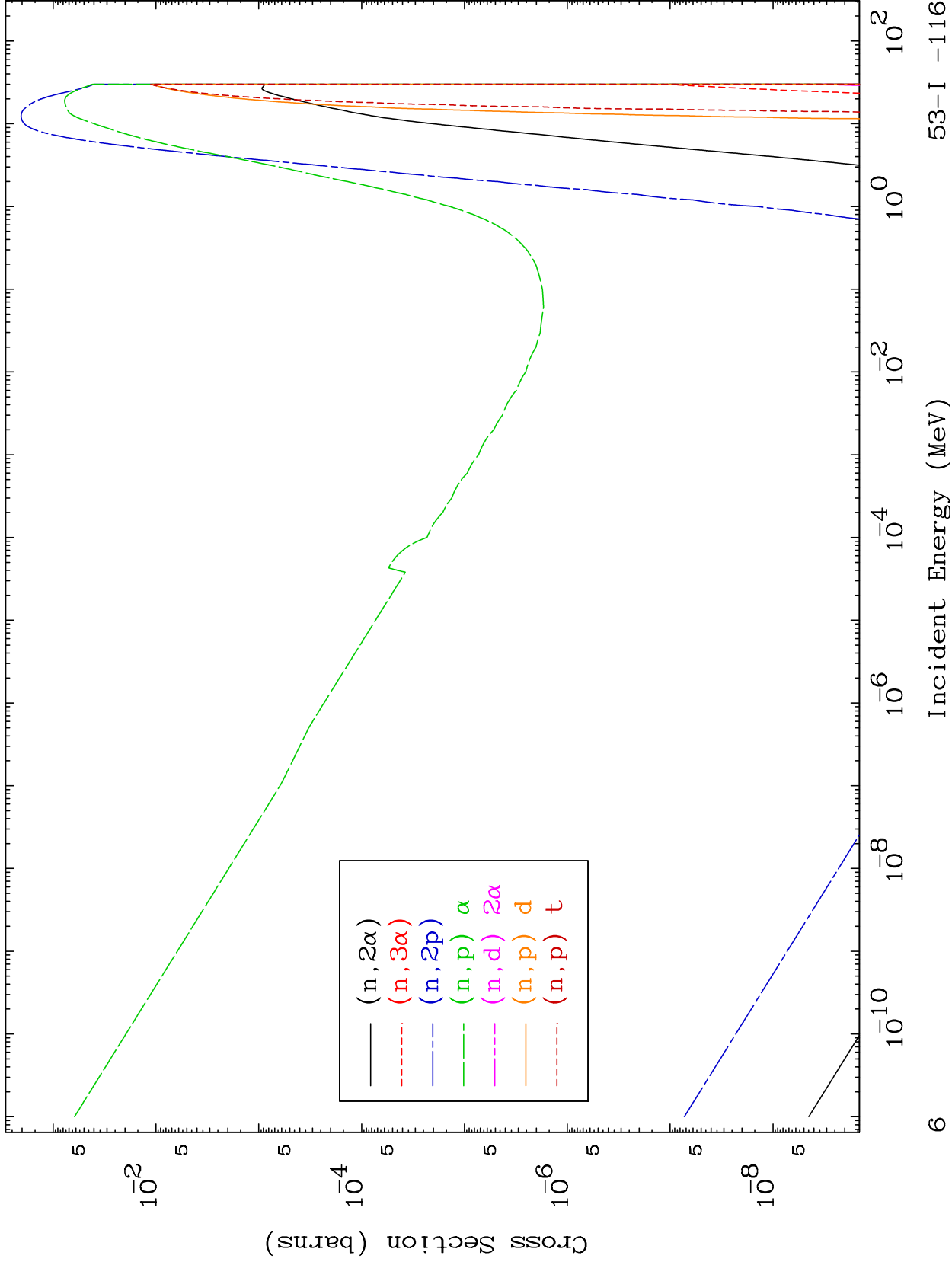


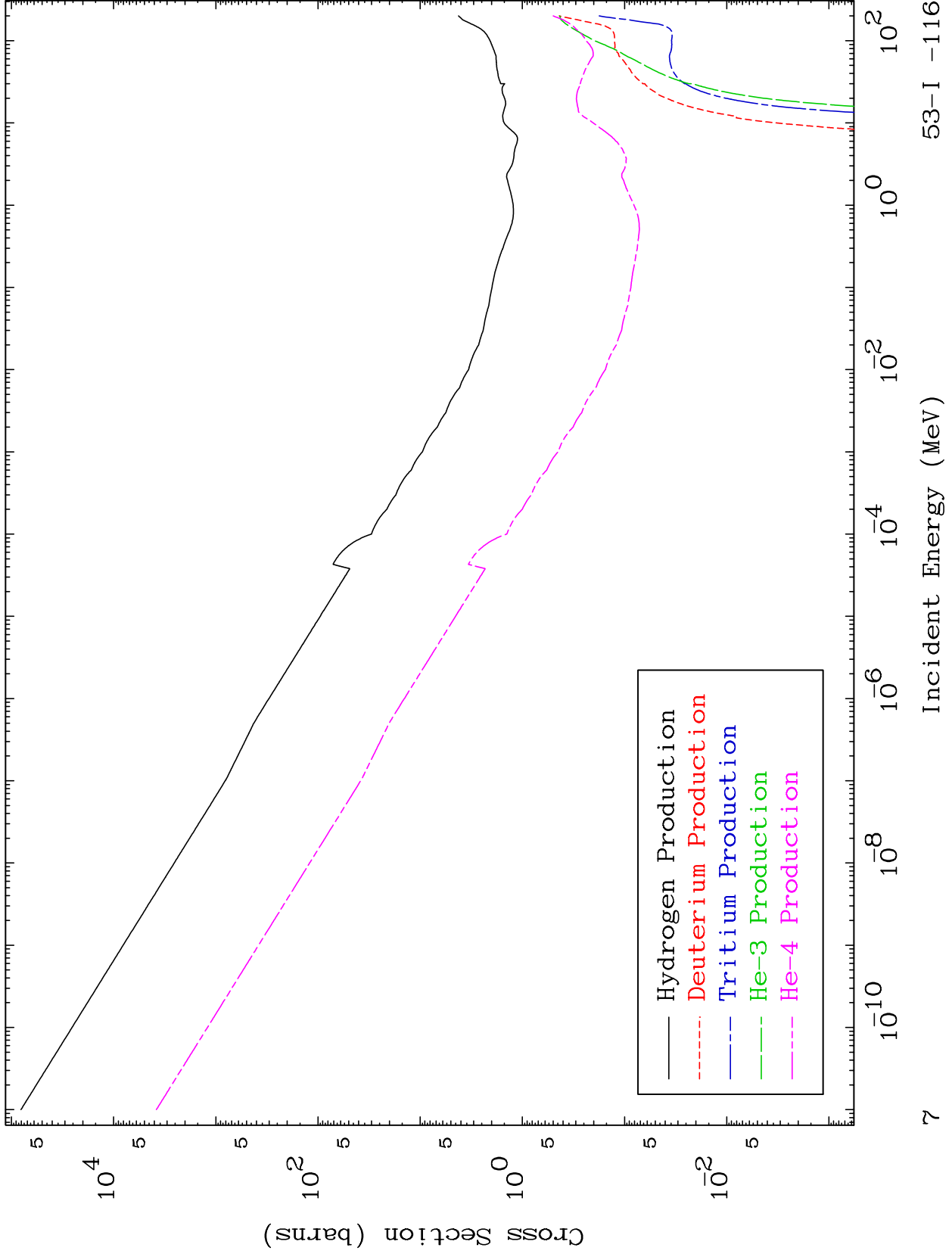


MAT 5292

Charged Particle
293 Kelvin Cross Sections

53-I -116

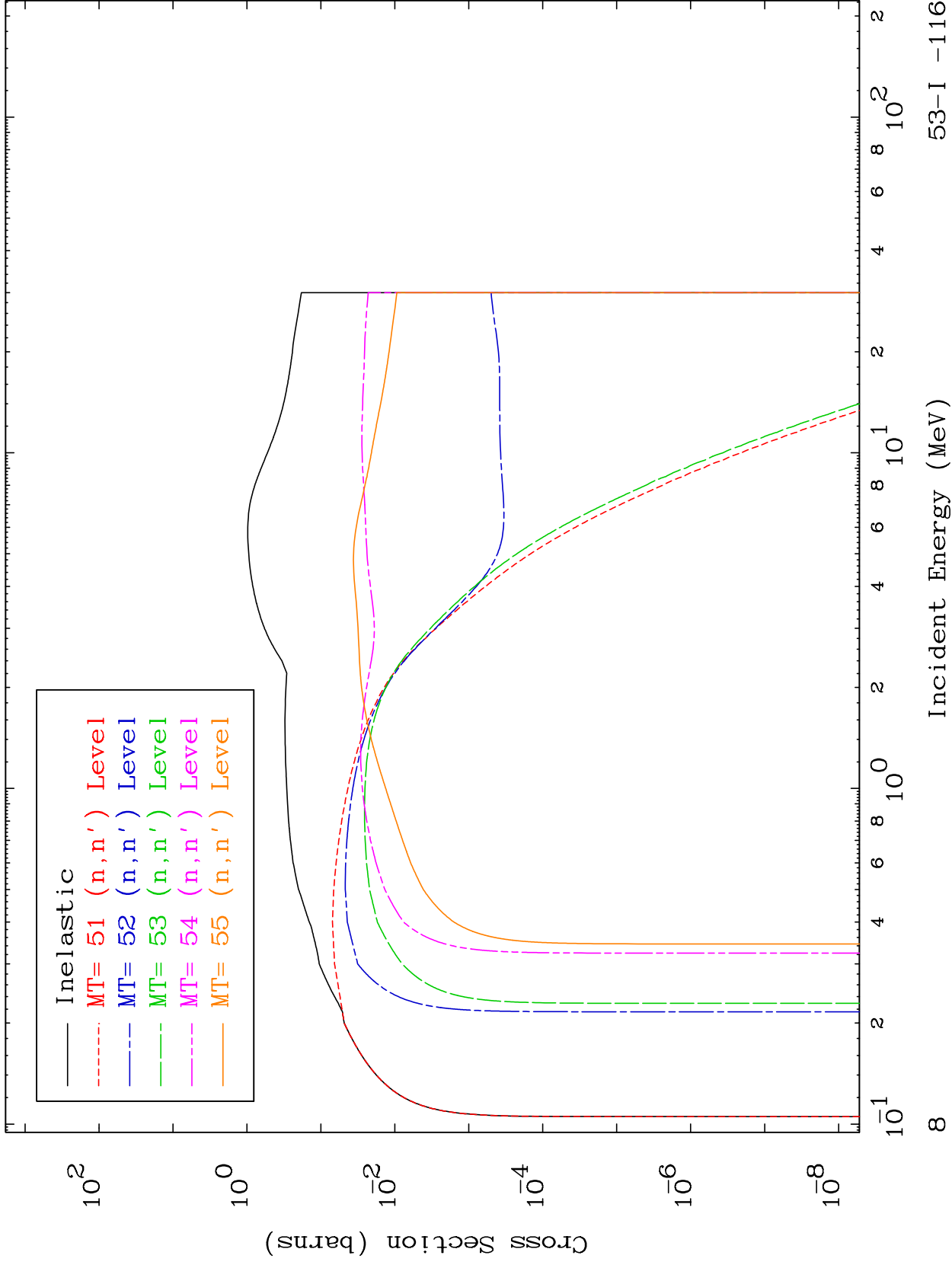




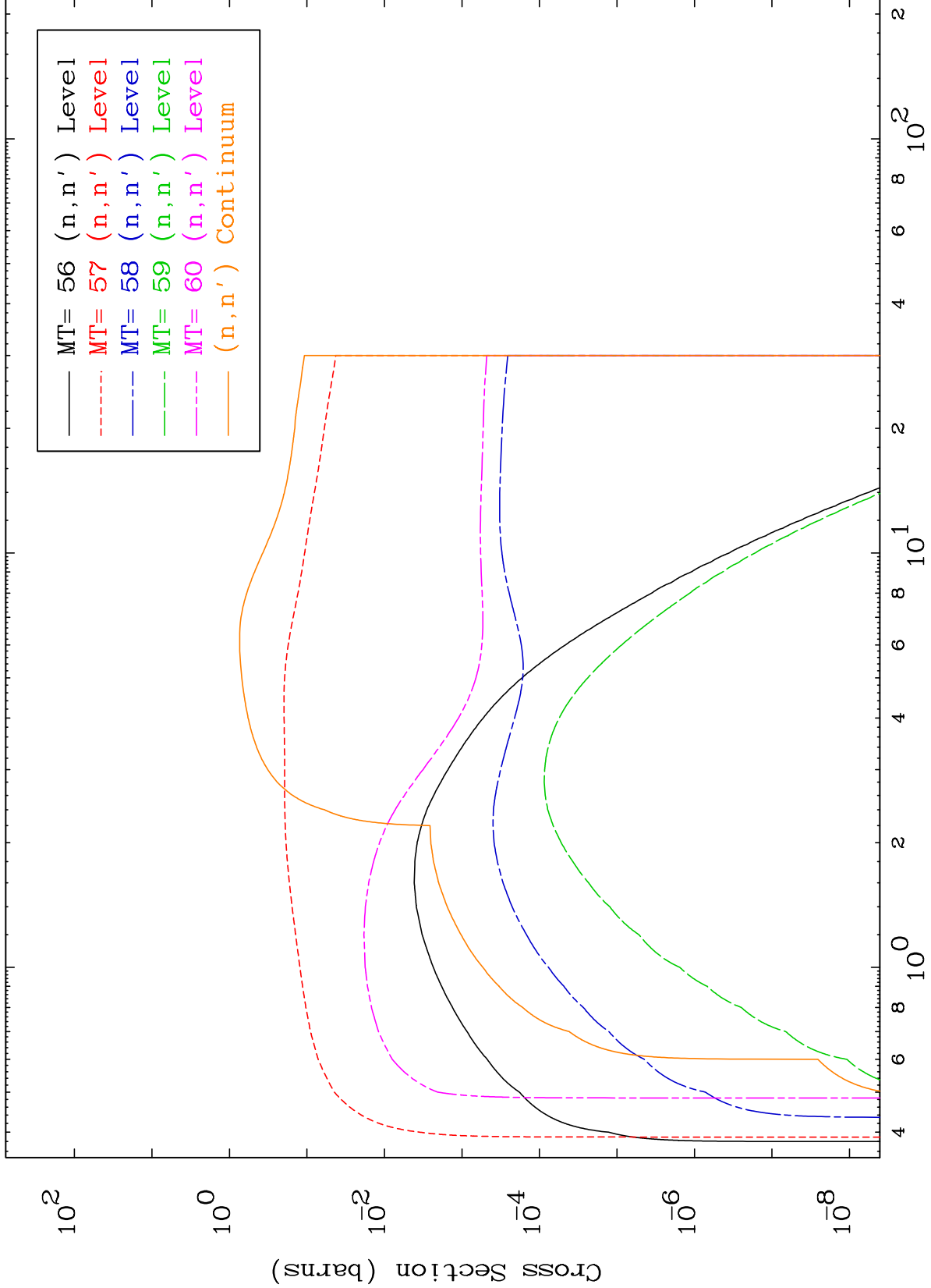
MAT 5292

293 (n,n') Level

53-I -116



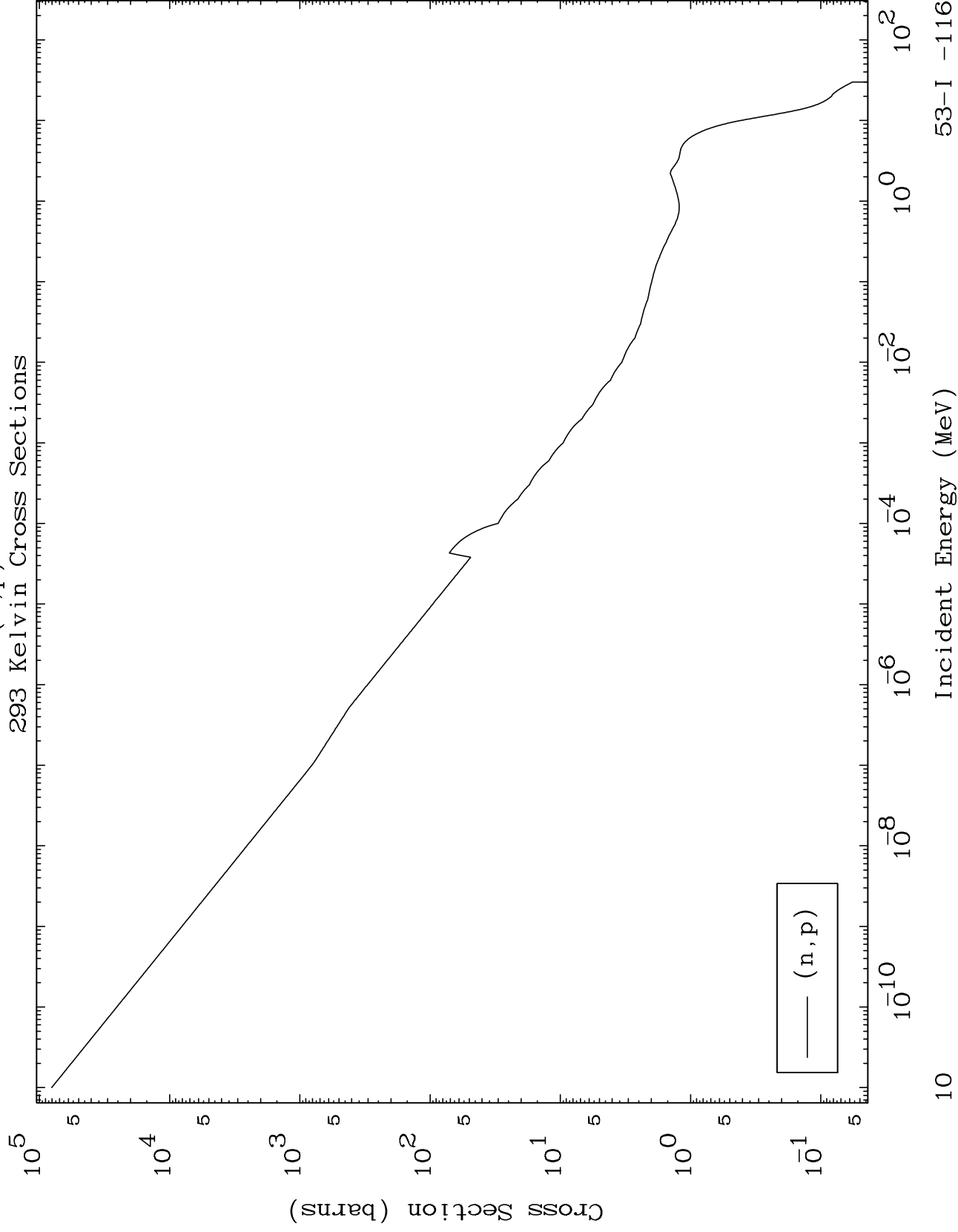
293 Kelvin Cross Sections



MAT 5292

(n,p) Levels
293 Kelvin Cross Sections

53-I -116



10

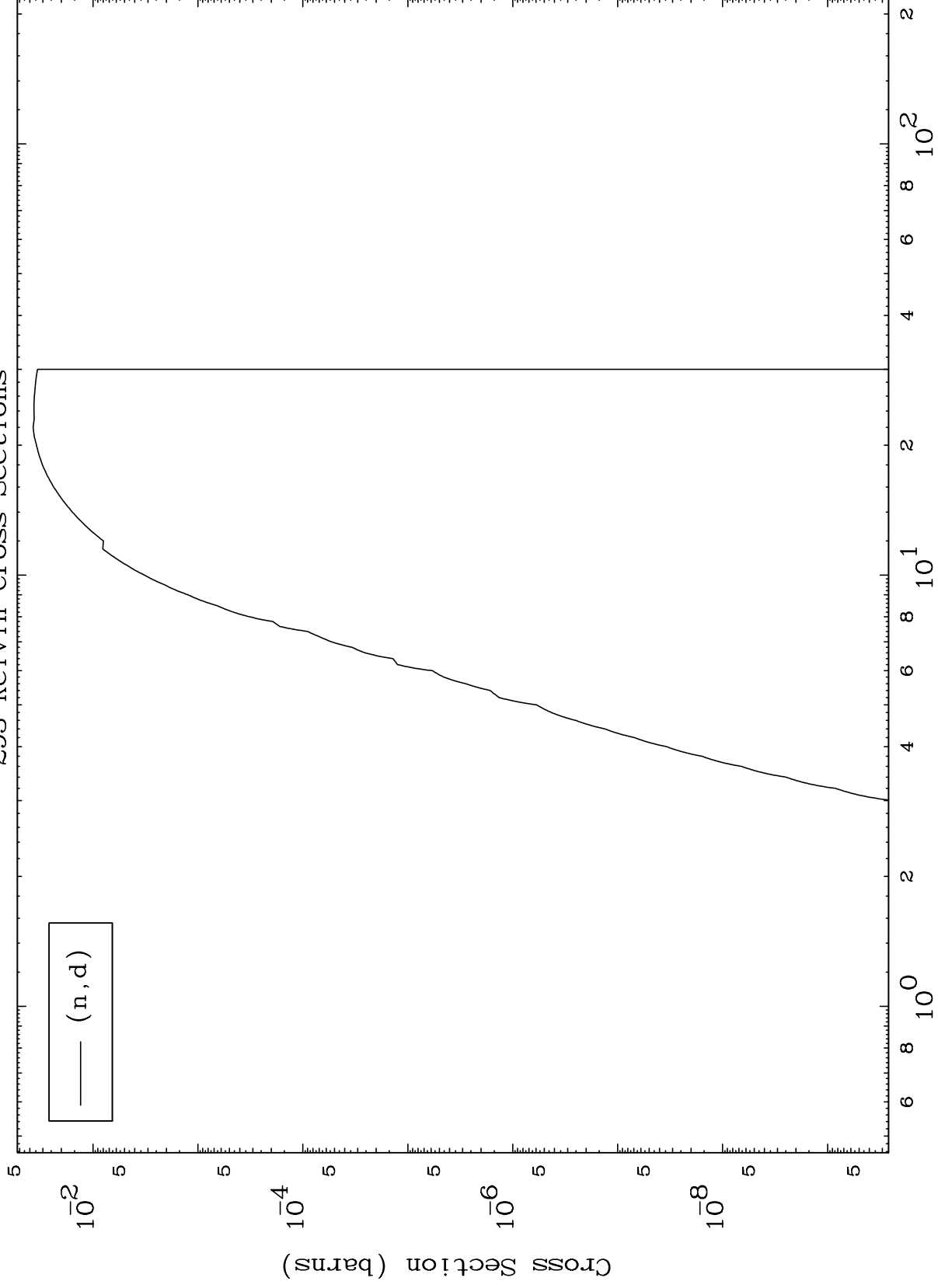
Incident Energy (MeV)

53-I -116

MAT 5292

(n,d) Levels
293 Kelvin Cross Sections

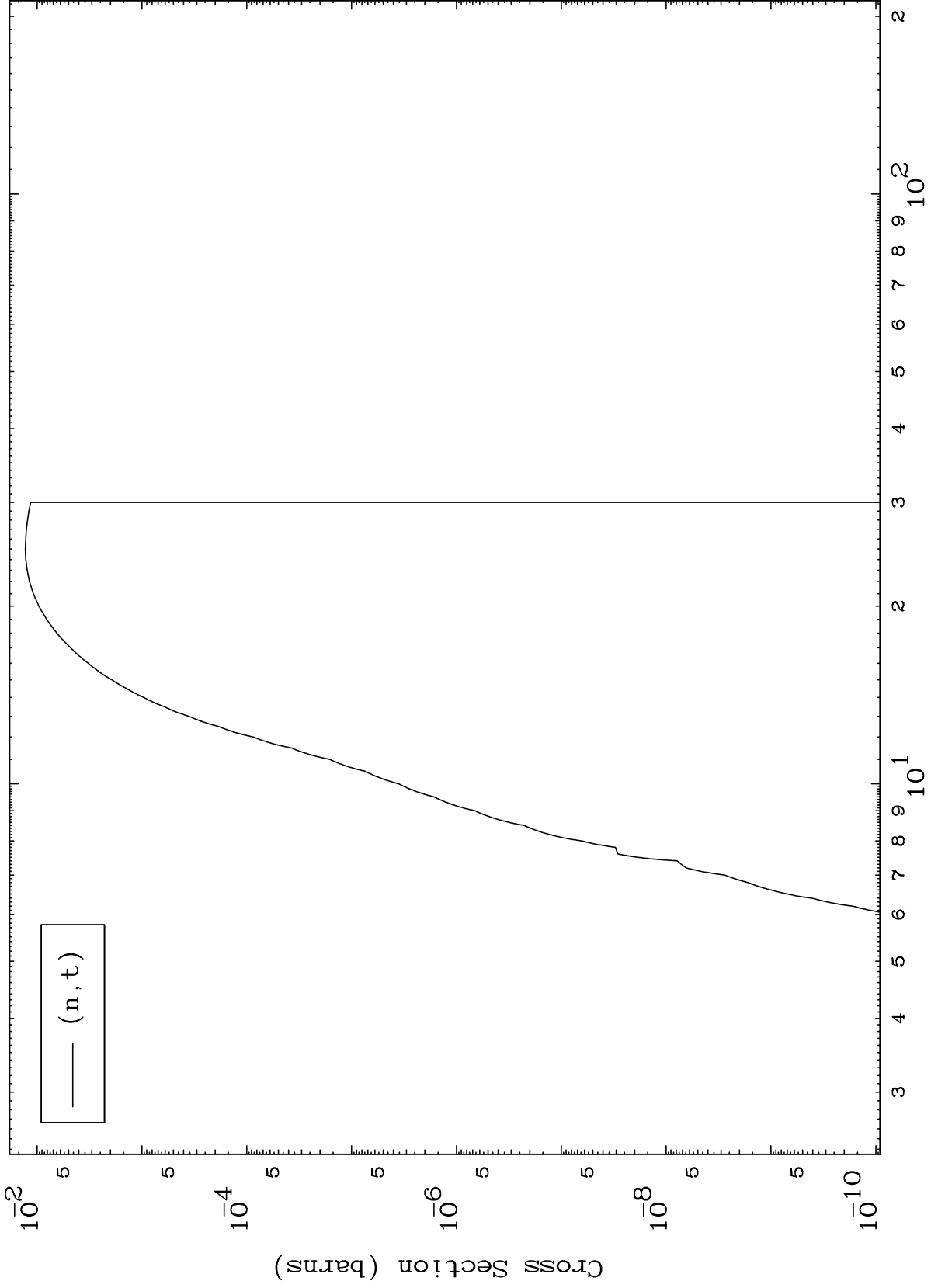
53-I -116



11

Incident Energy (MeV)

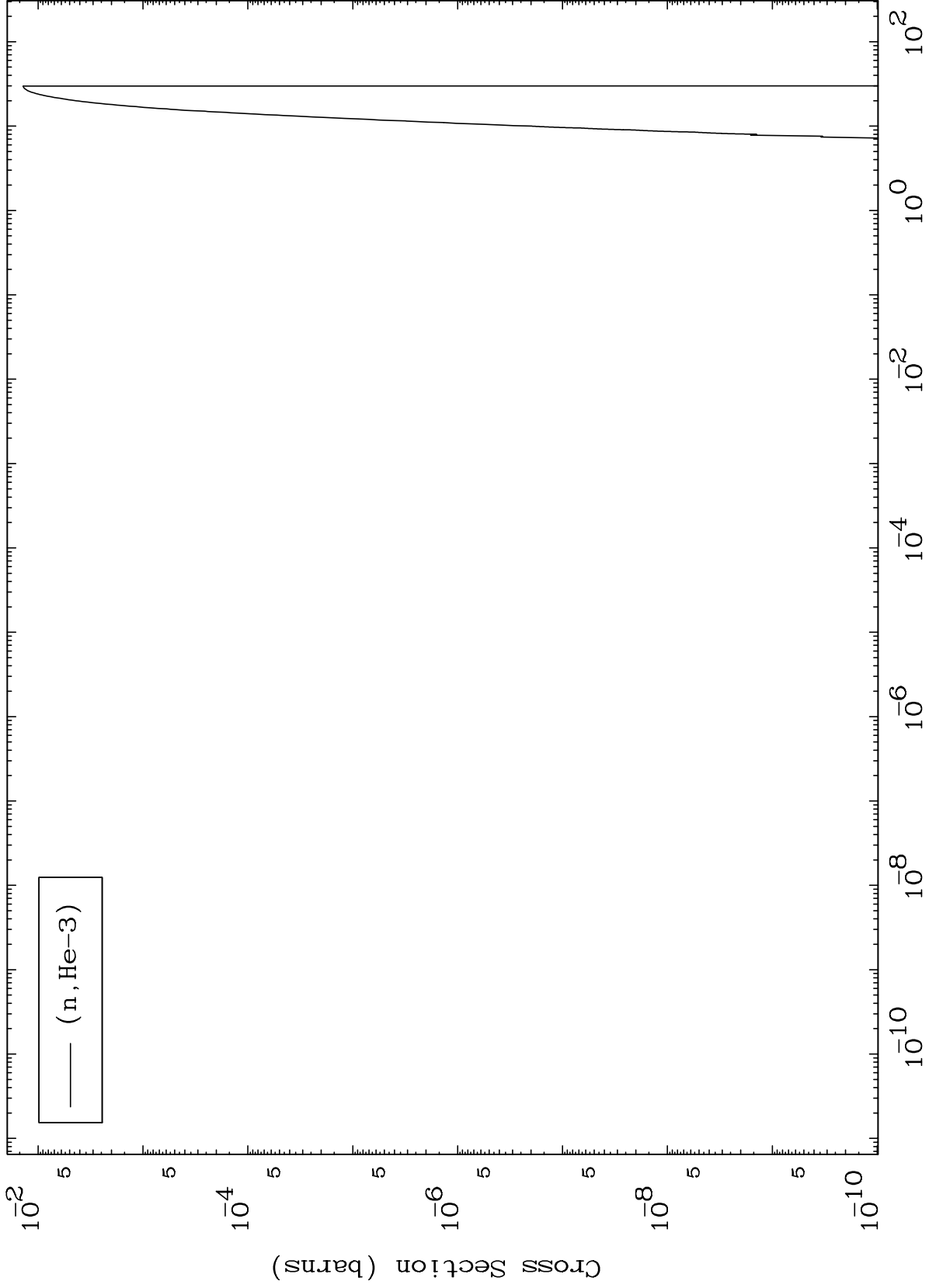
53-I -116



MAT 5292

(n,He3) Levels
293 Kelvin Cross Sections

53-I -116



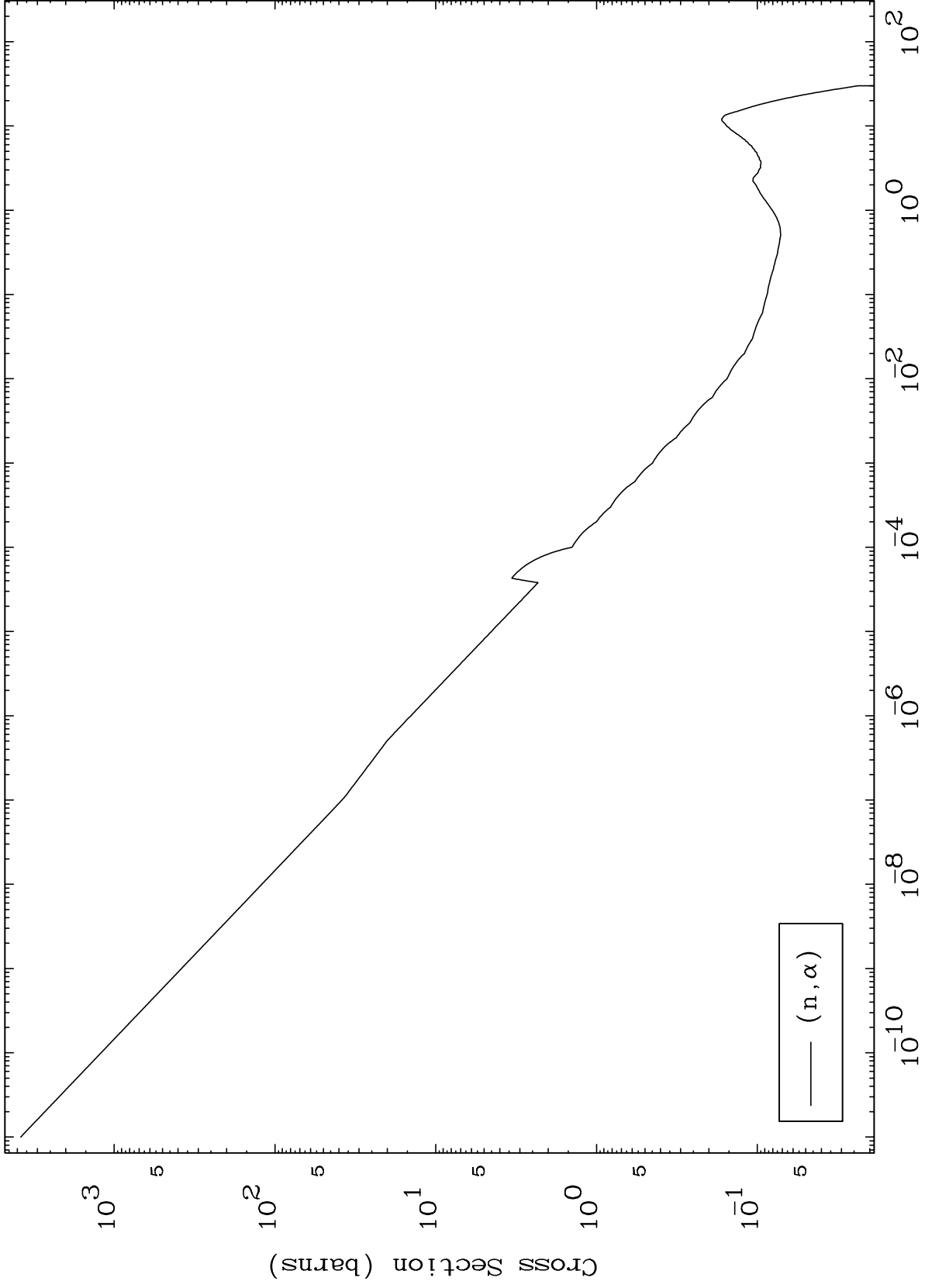
13

53-I -116

MAT 5292

(n,α) Levels
293 Kelvin Cross Sections

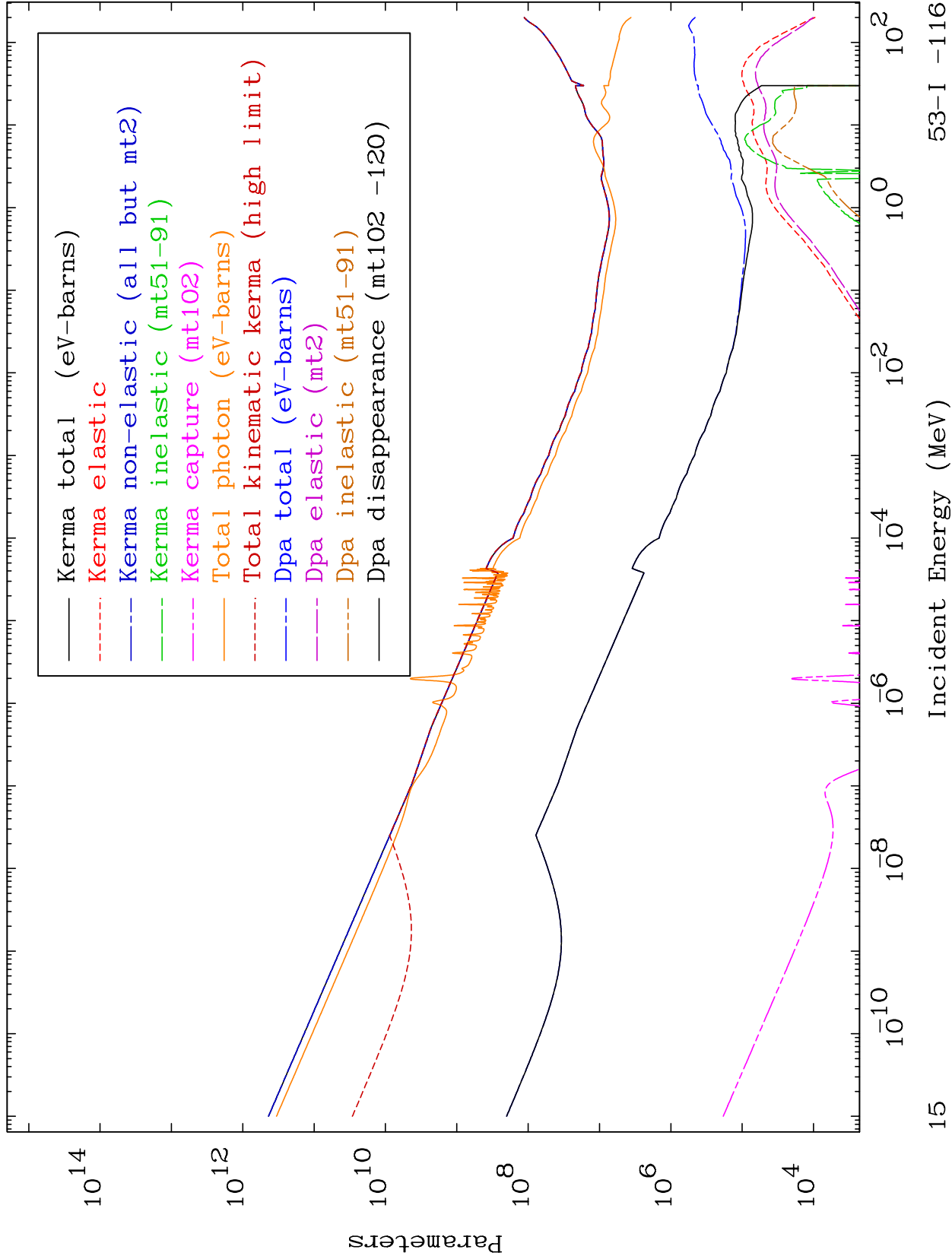
53-I -116

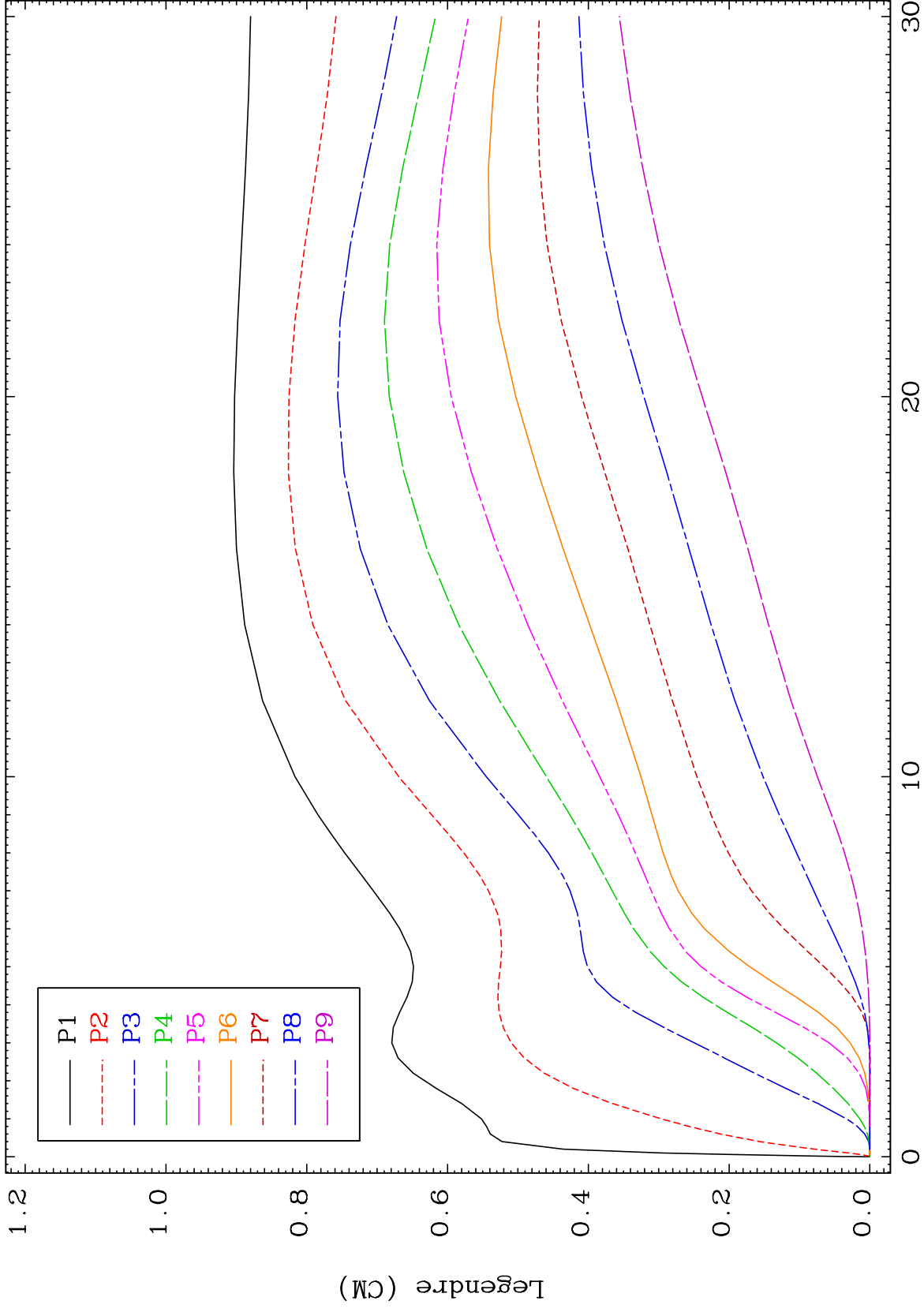


14

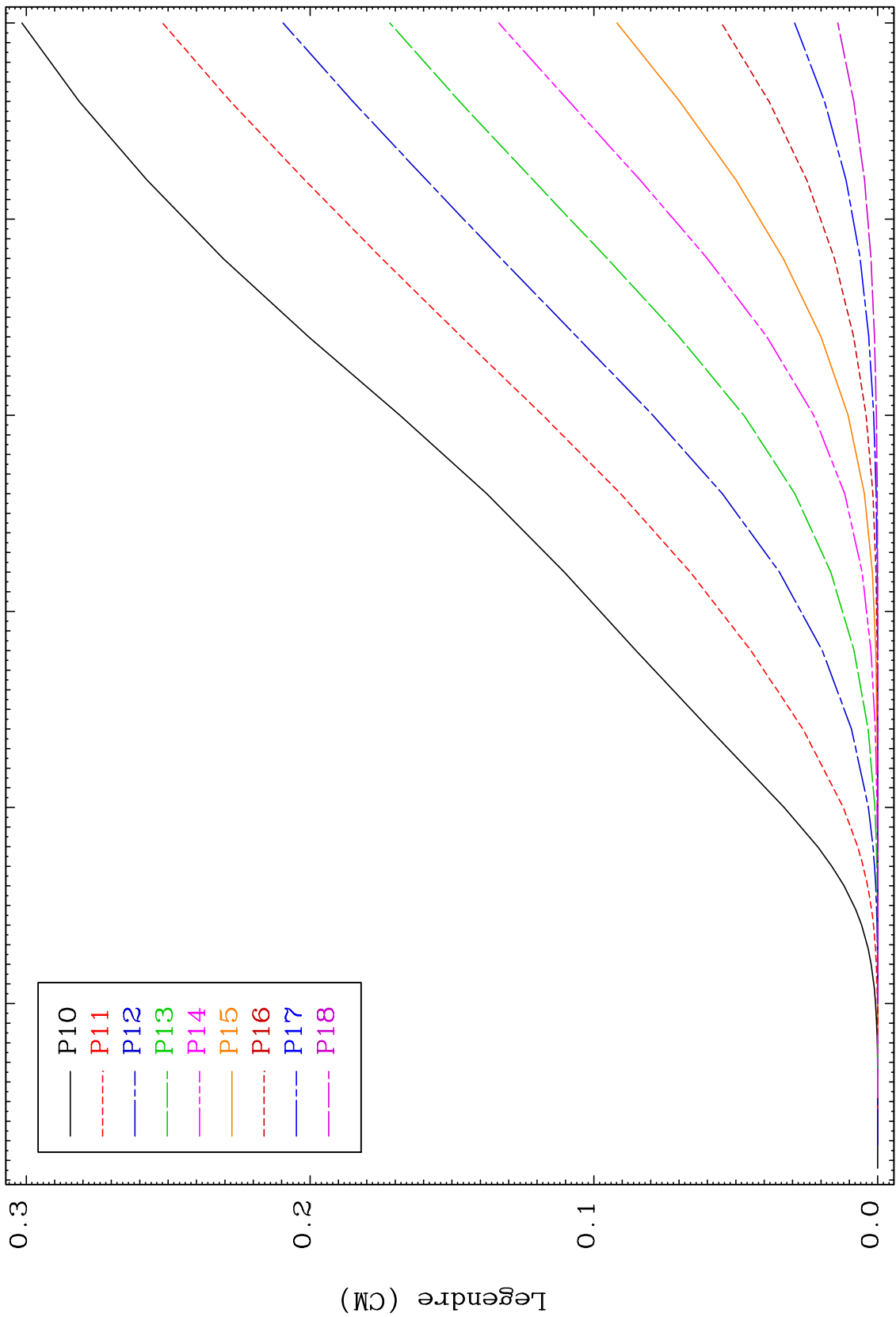
Incident Energy (MeV)

53-I -116





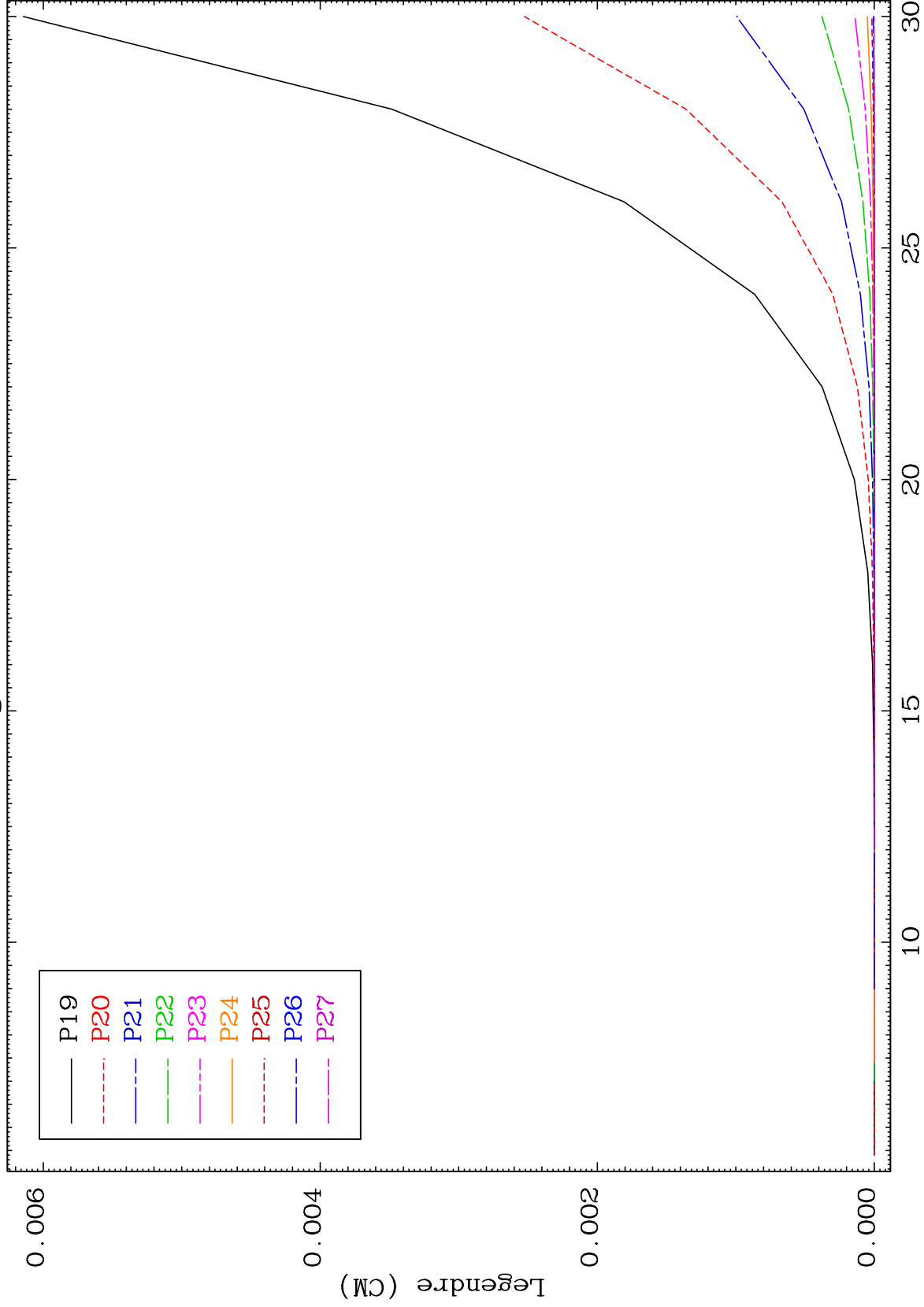
Elastic Legendre Coefficients



MAT 5292

Elastic Legendre Coefficients

53-I -116



18

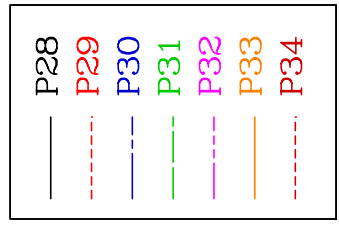
Incident Energy (MeV)

53-I -116

MAT 5292

Elastic
Legendre Coefficients

53-I -116



$\times 10^{-7}$
3
2

Legendre (CM)

1

0

15

20

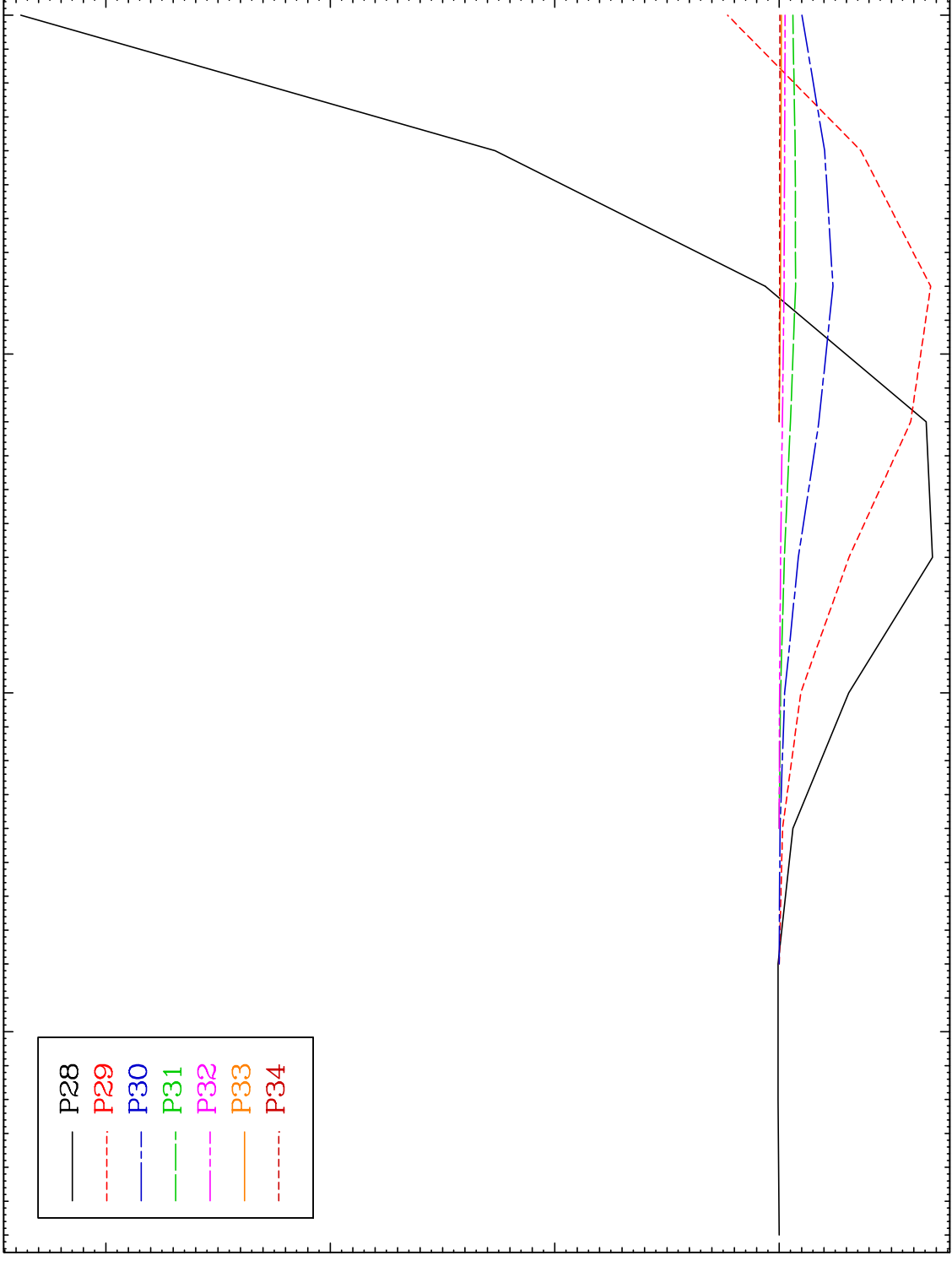
25

30

19

Incident Energy (MeV)

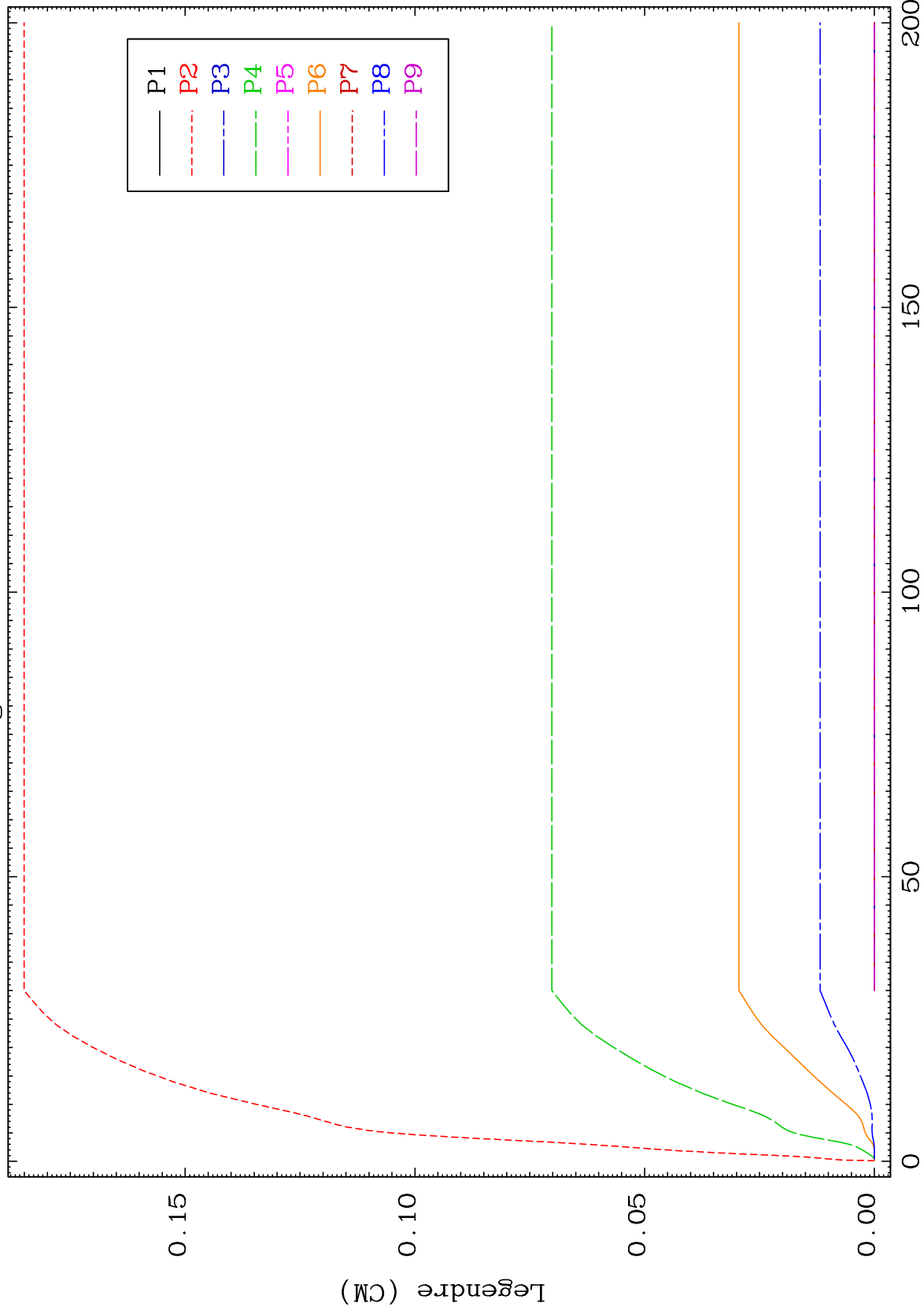
53-I -116



MAT 5292

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

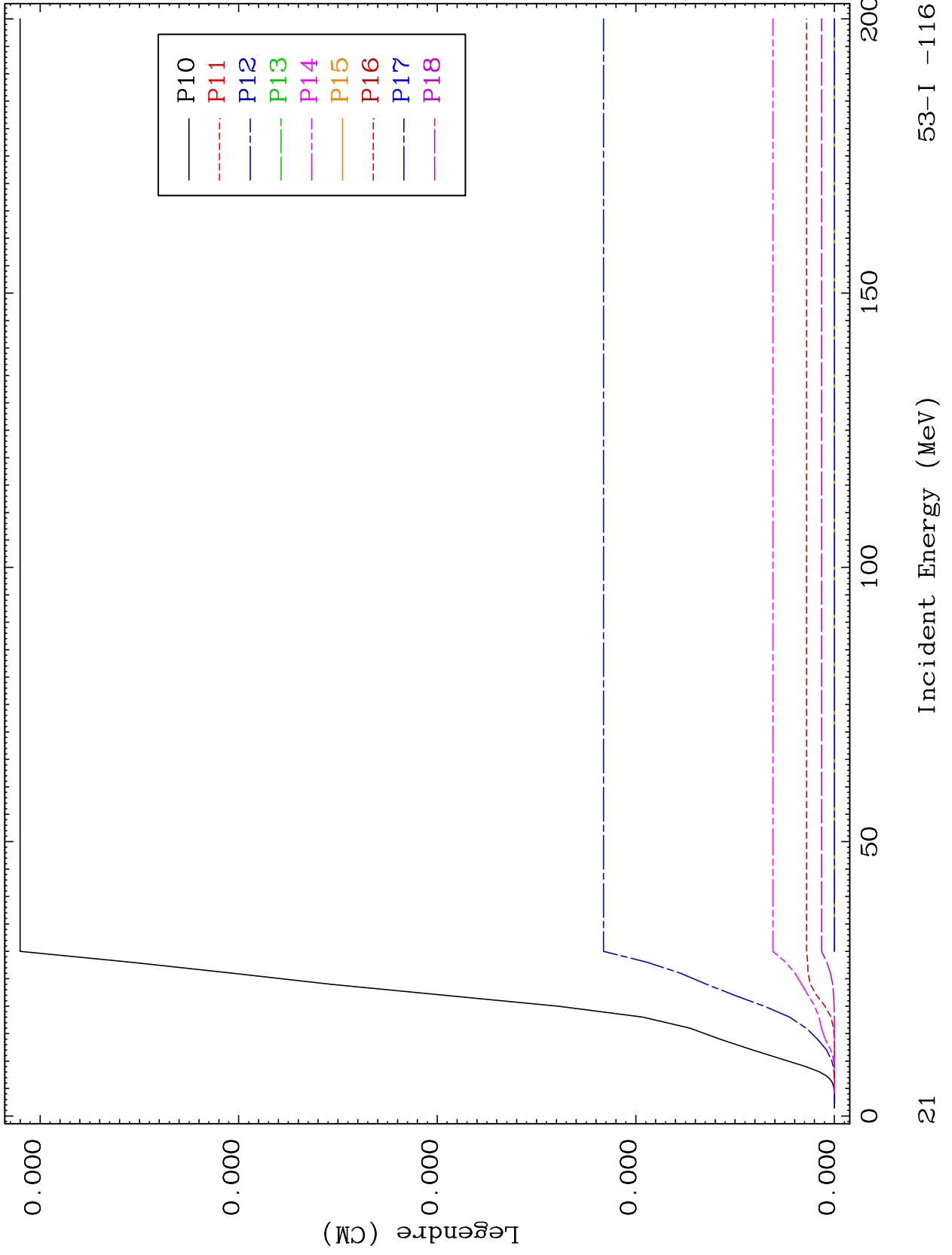
53-I -116



53-I -116

Incident Energy (MeV)

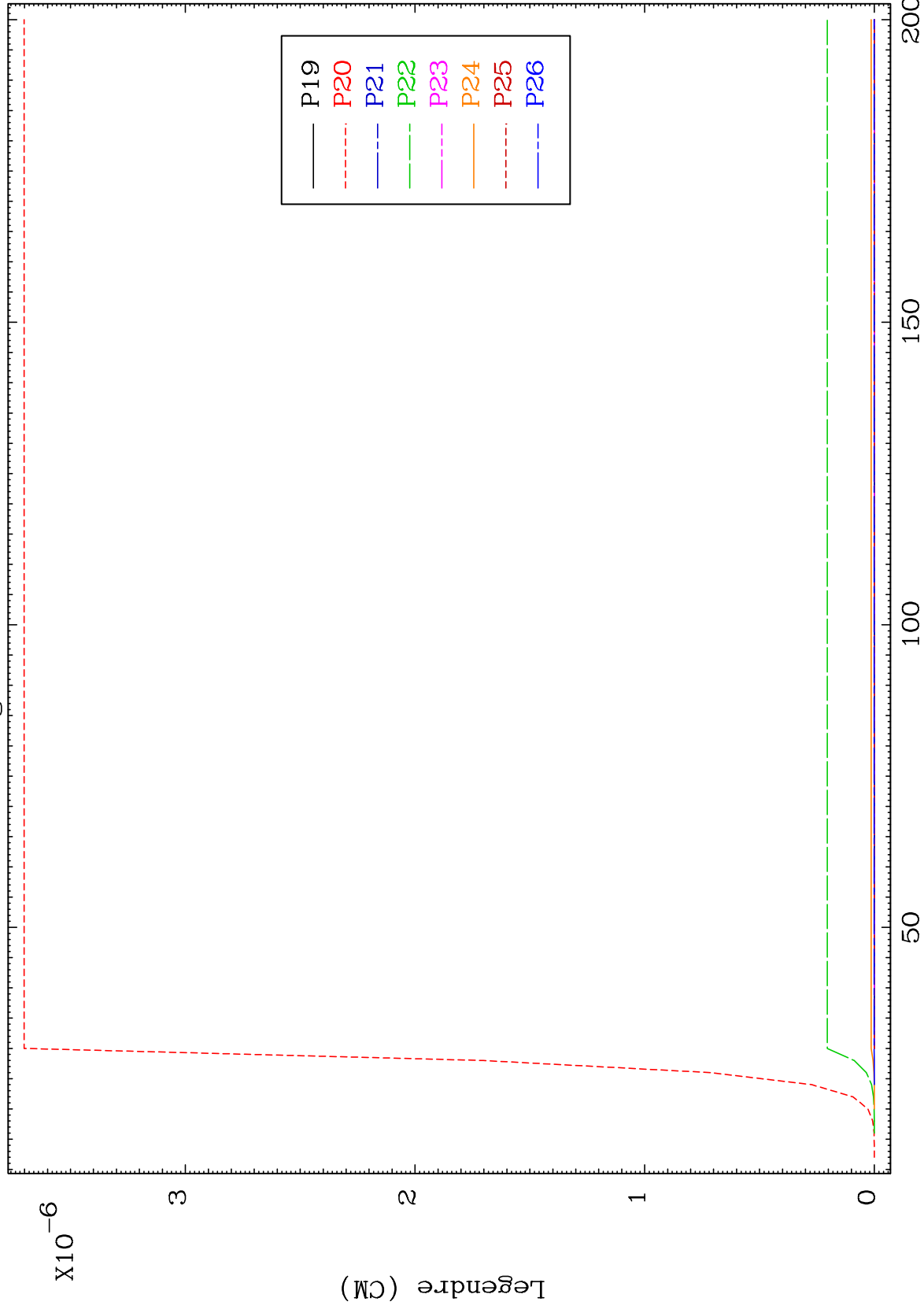
20



MAT 5292

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

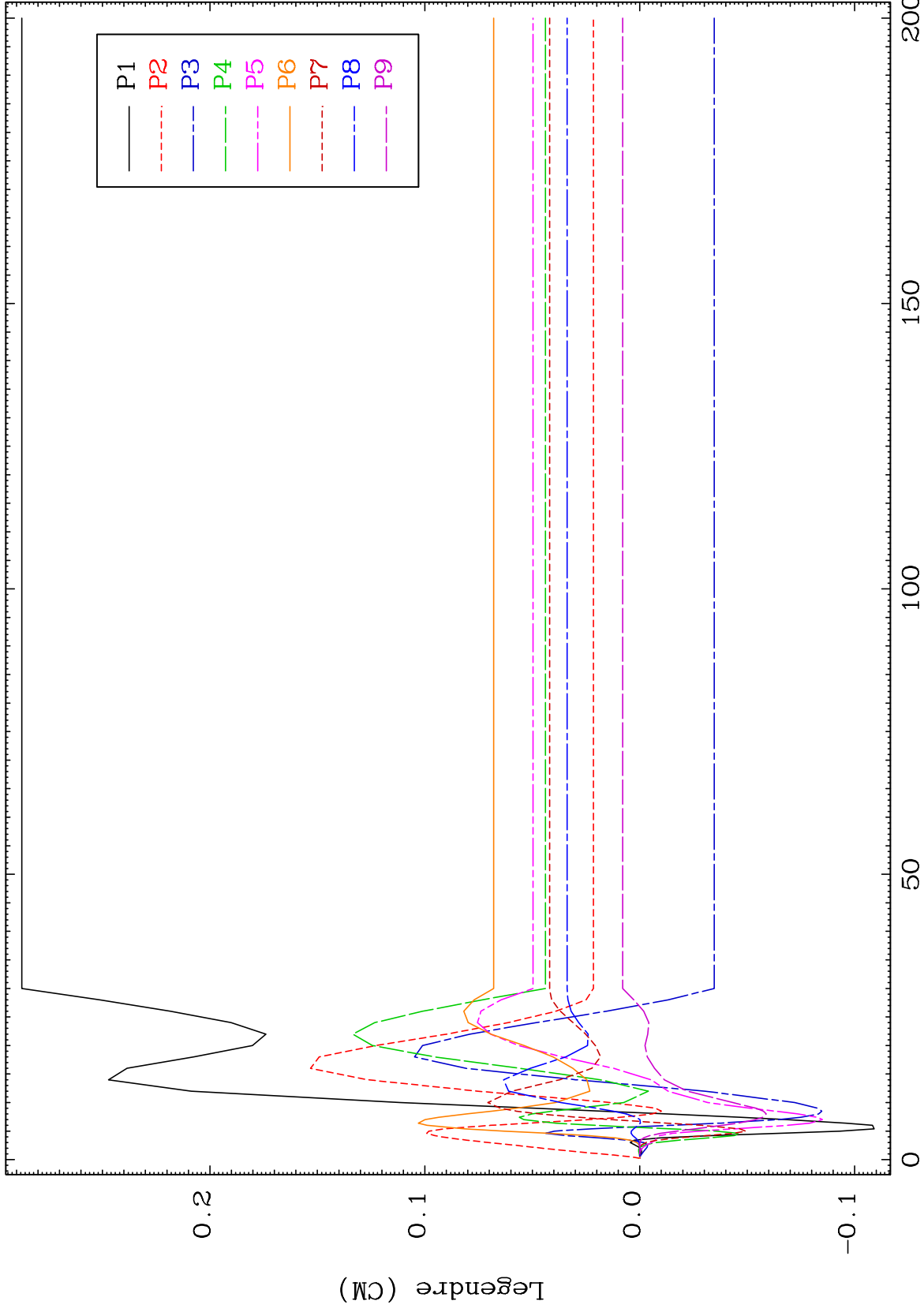
53-I -116



22

Incident Energy (MeV)

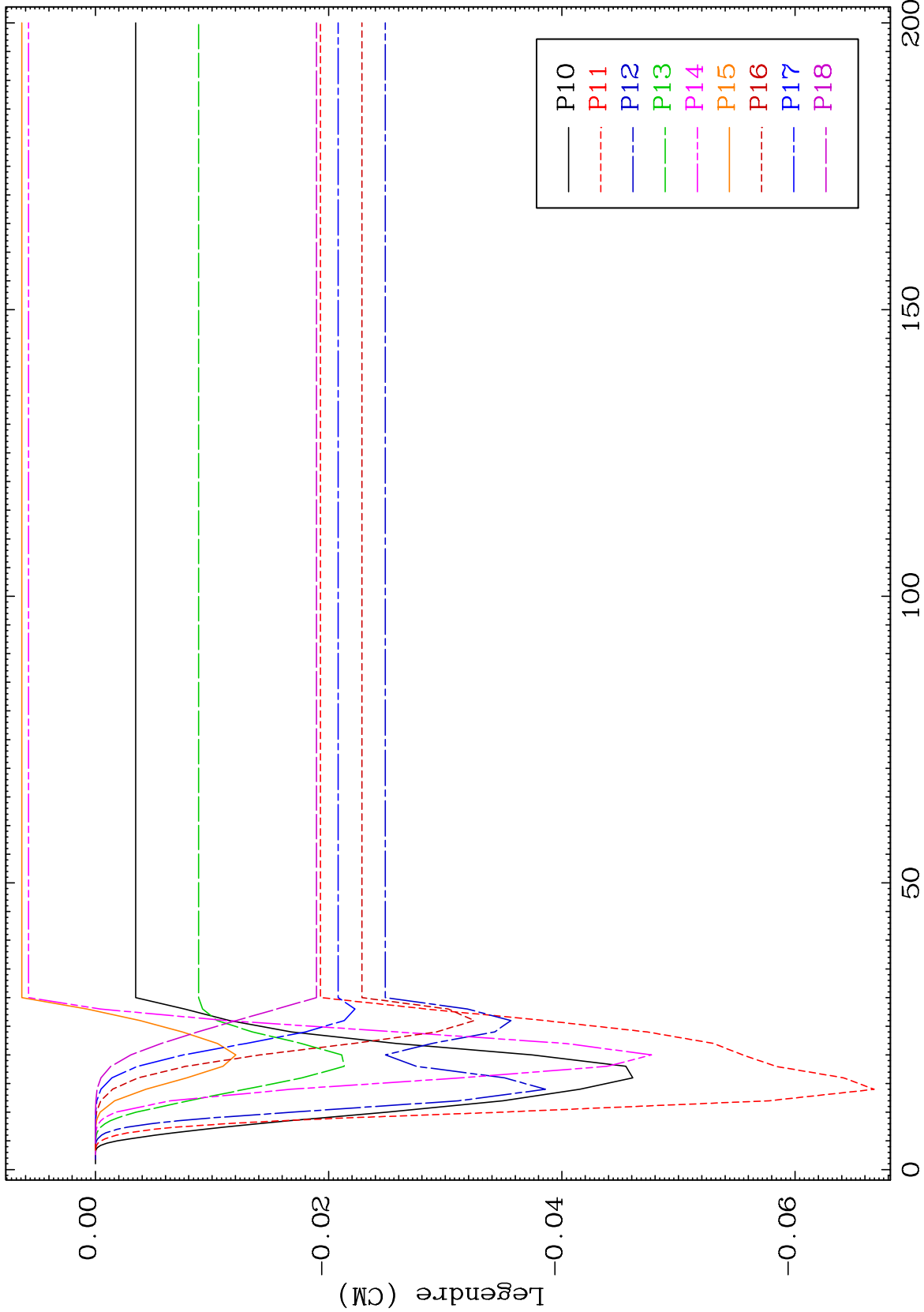
53-I -116



MAT 5292

MT= 52 (n,n') Level
Legendre Coefficients

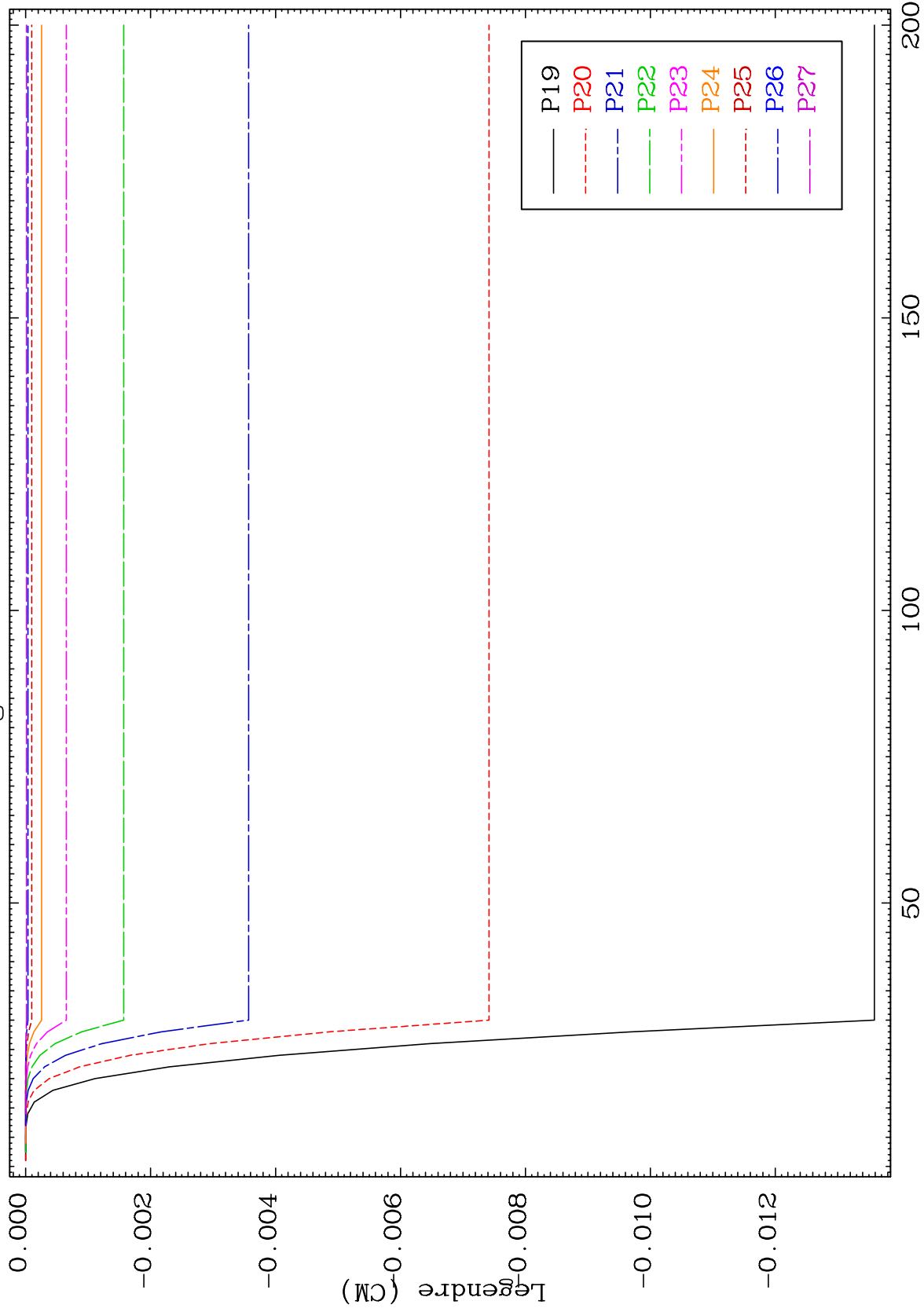
53-I -116

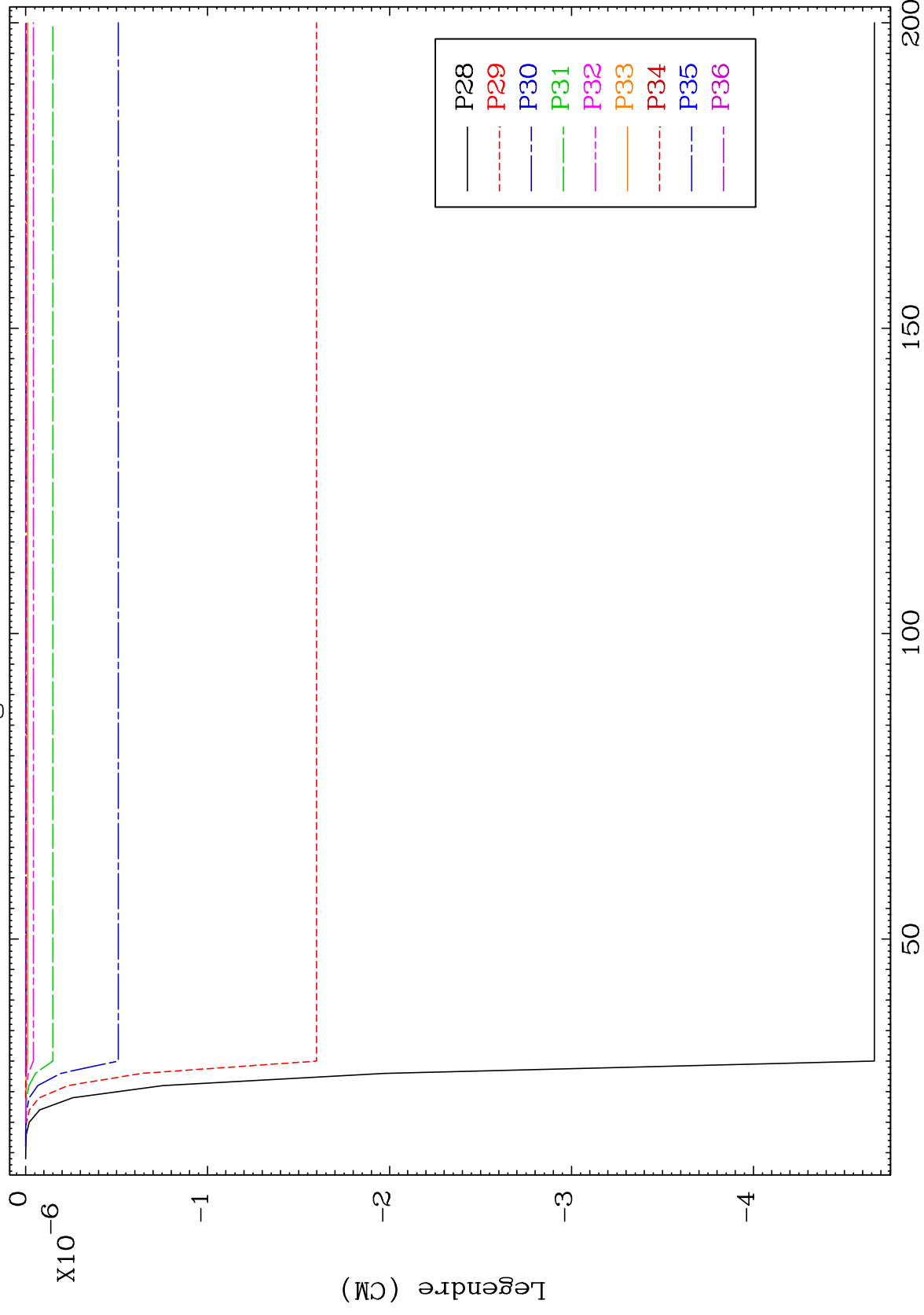


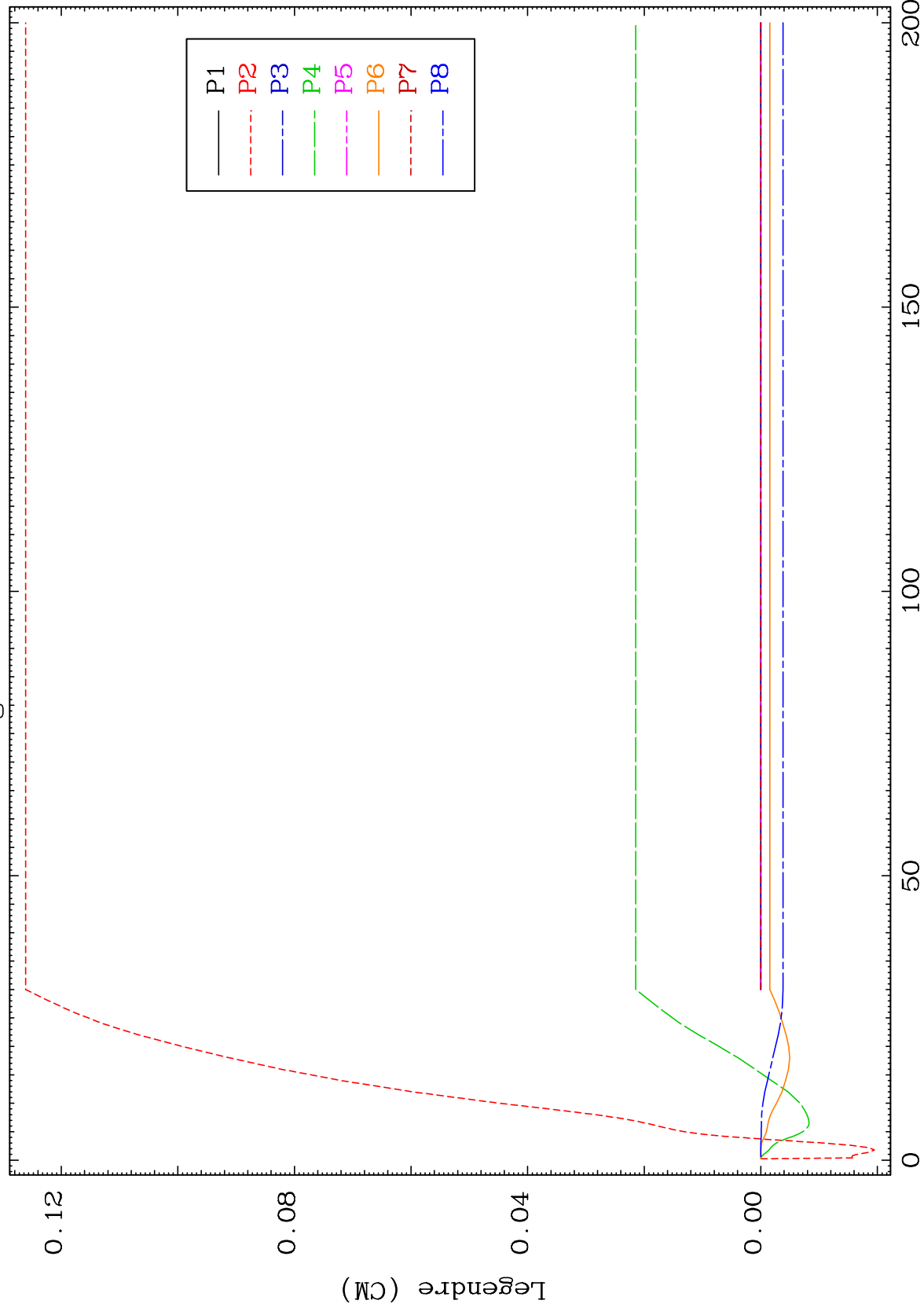
24

Incident Energy (MeV)

53-I -116



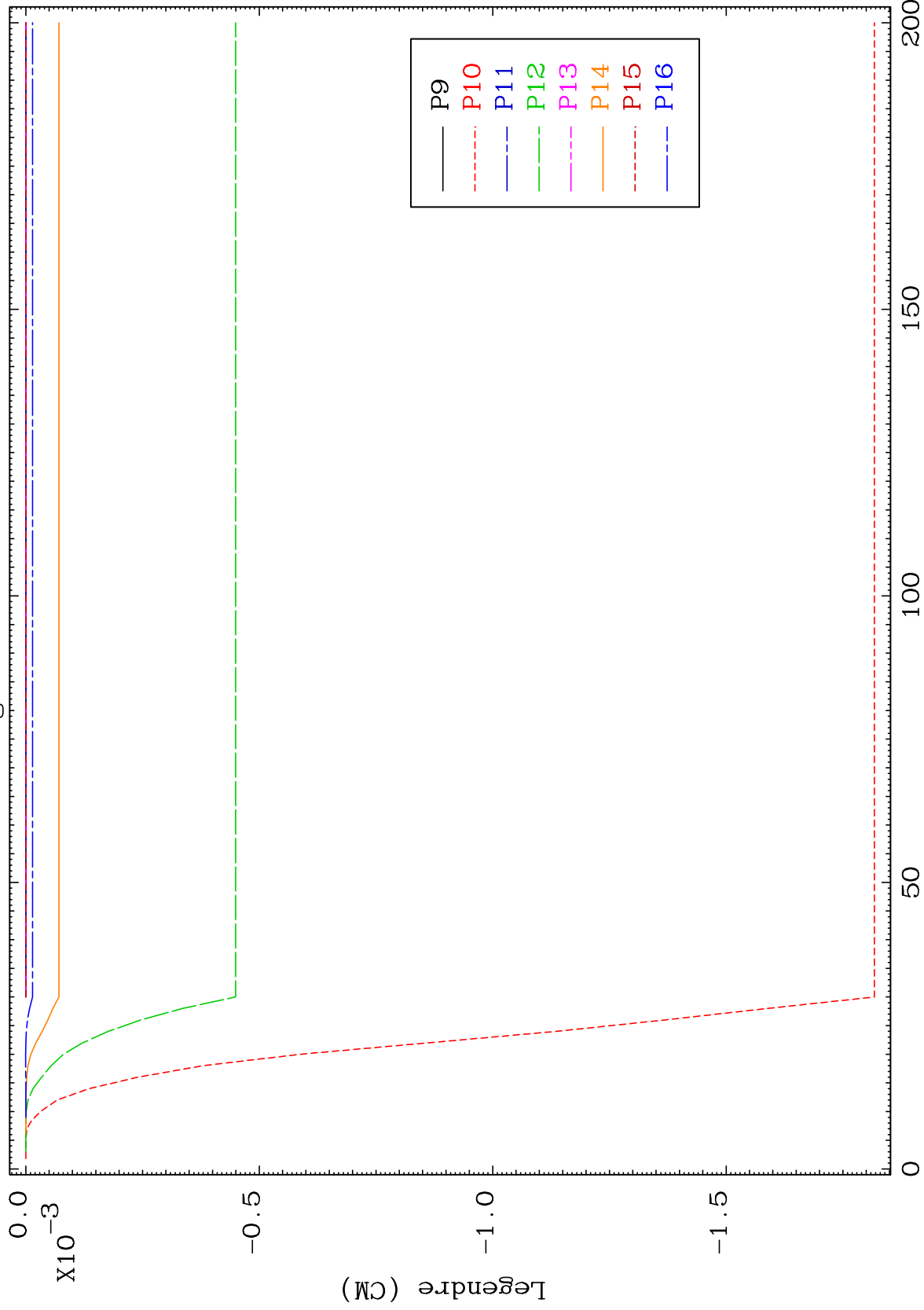




MAT 5292

MT= 53 (n,n') Level
Legendre Coefficients

53-I -116



28

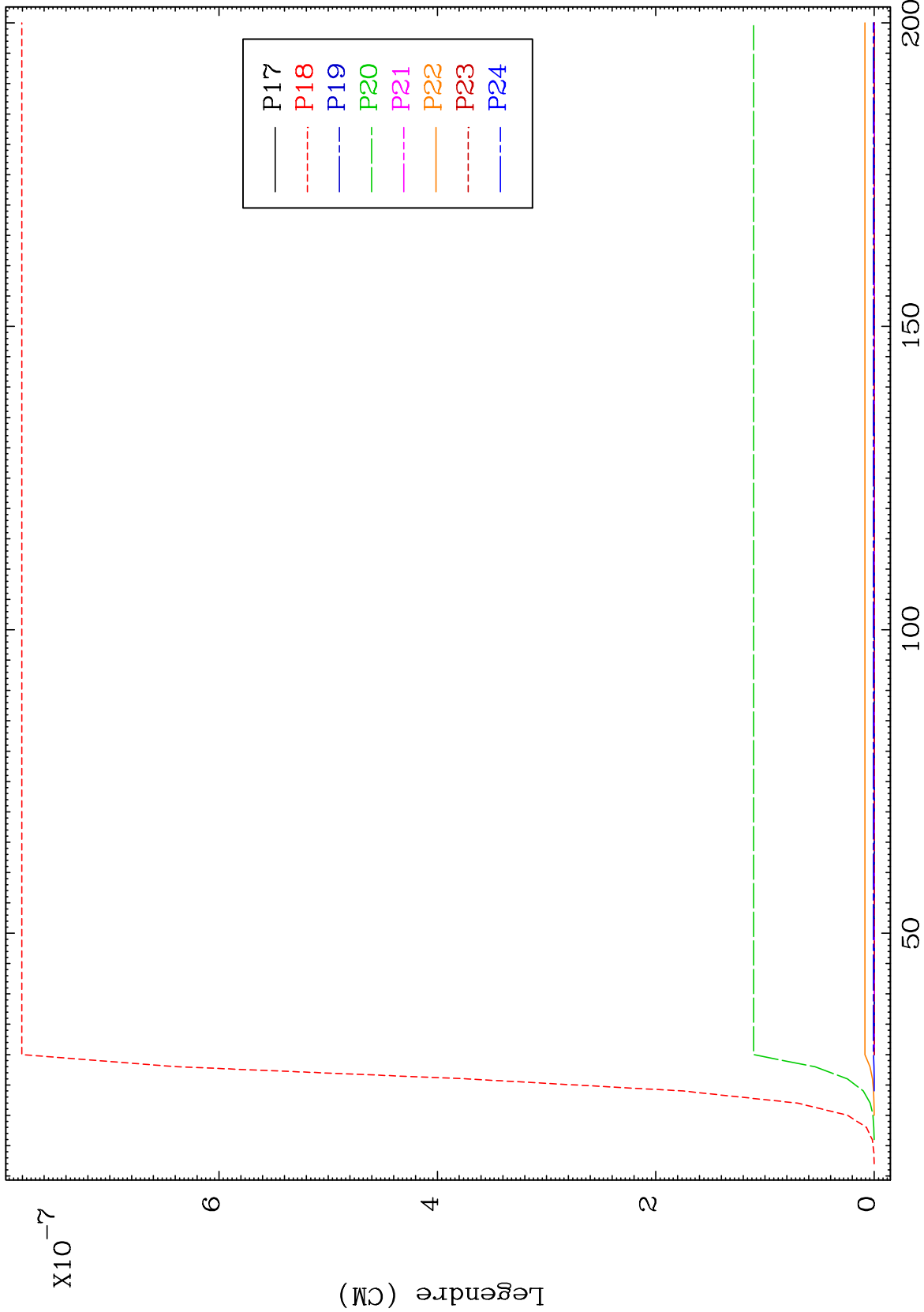
Incident Energy (MeV)

53-I -116

MAT 5292

MT= 53 (n,n') Level
Legendre Coefficients

53-I -116



29

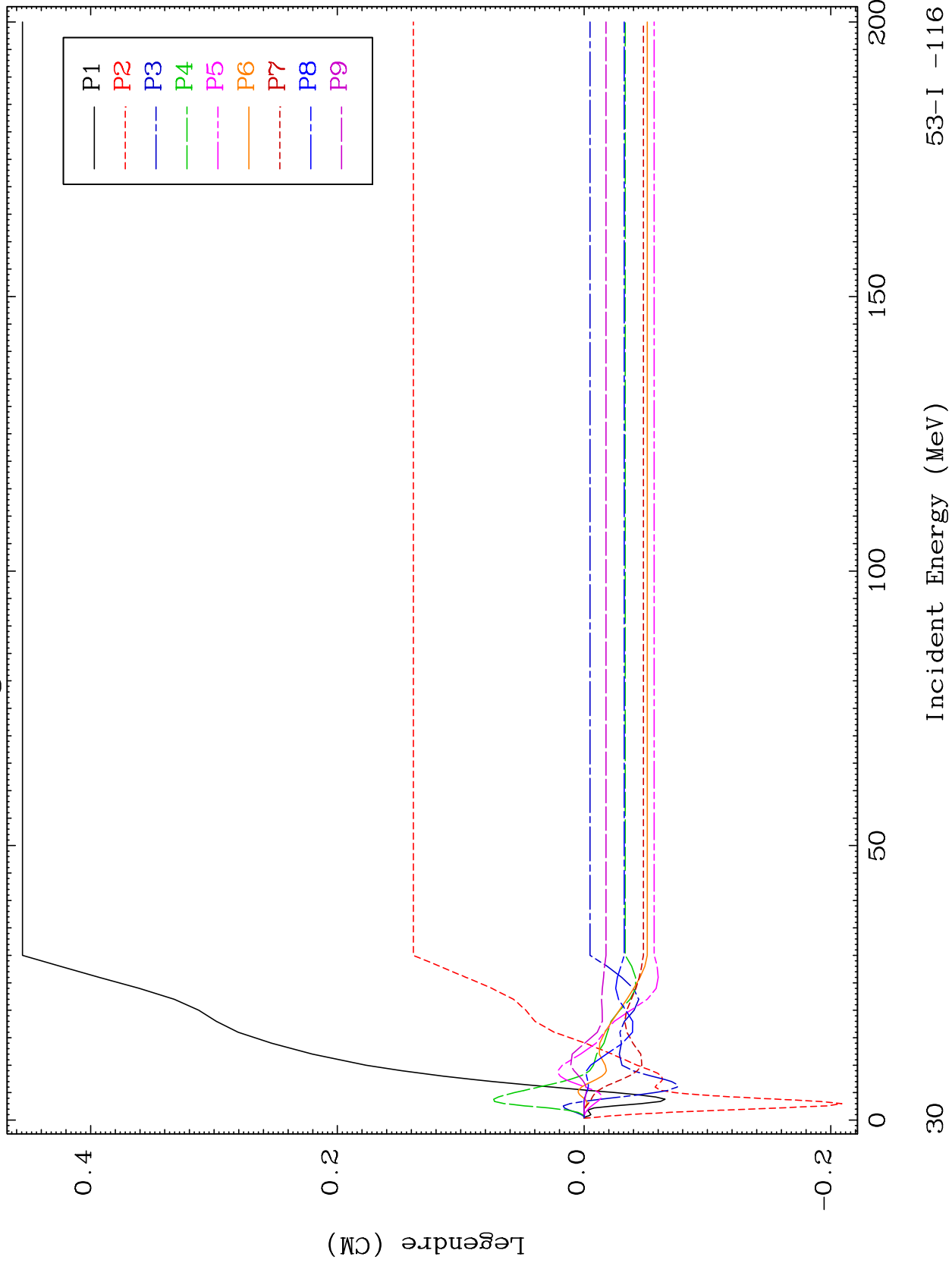
Incident Energy (MeV)

53-I -116

MAT 5292

MT= 54 (n,n') Level
Legendre Coefficients

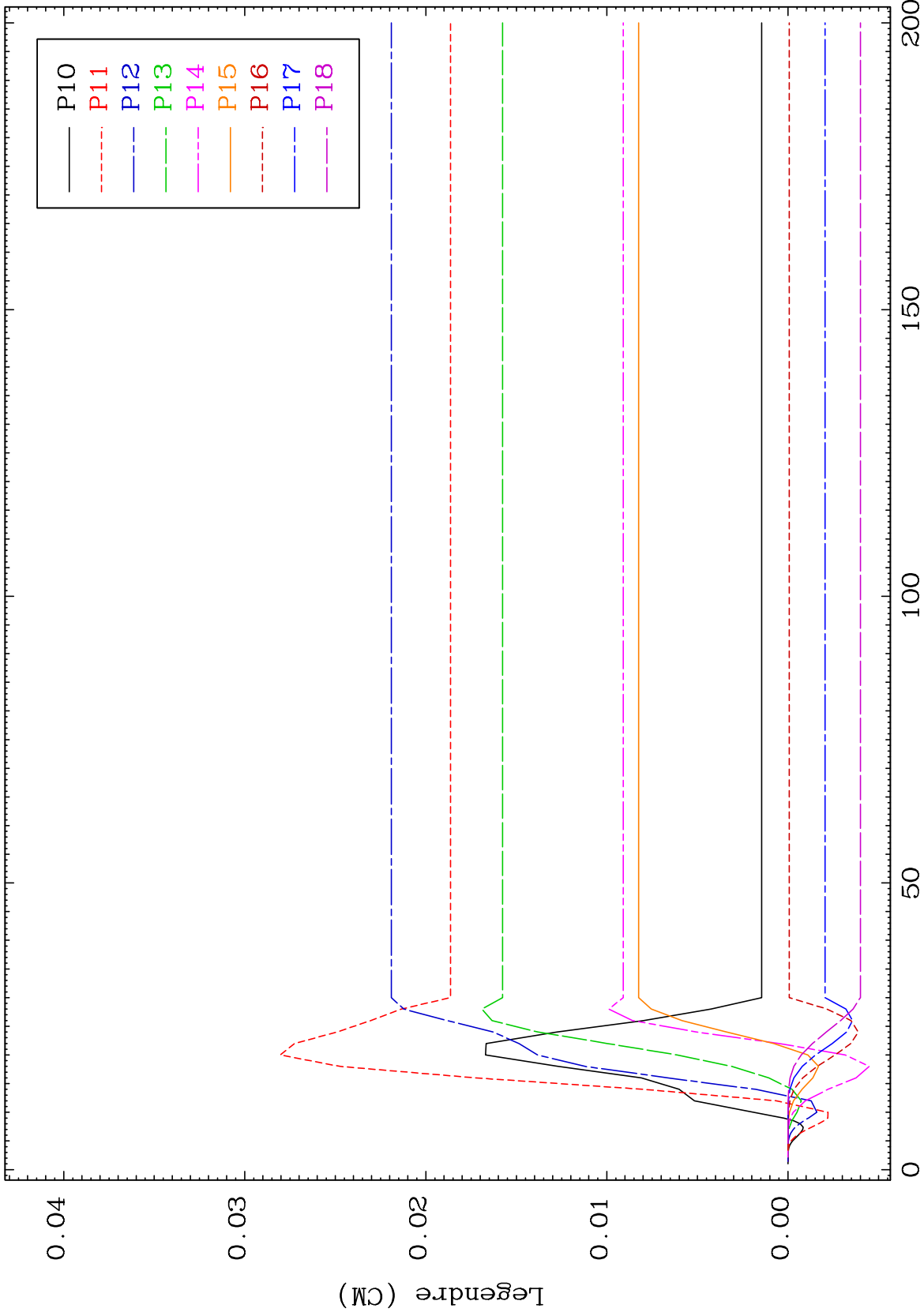
53-I -116

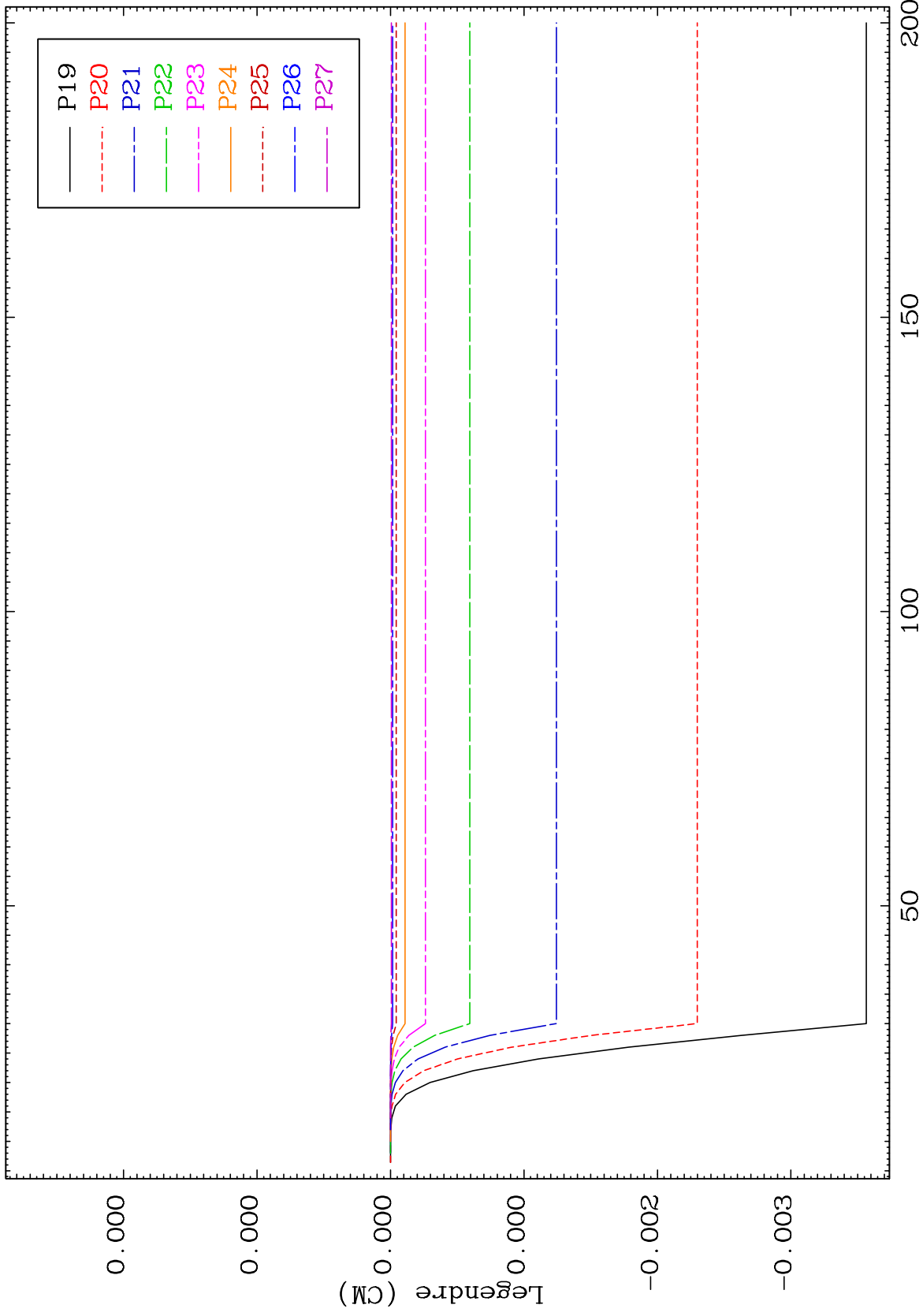


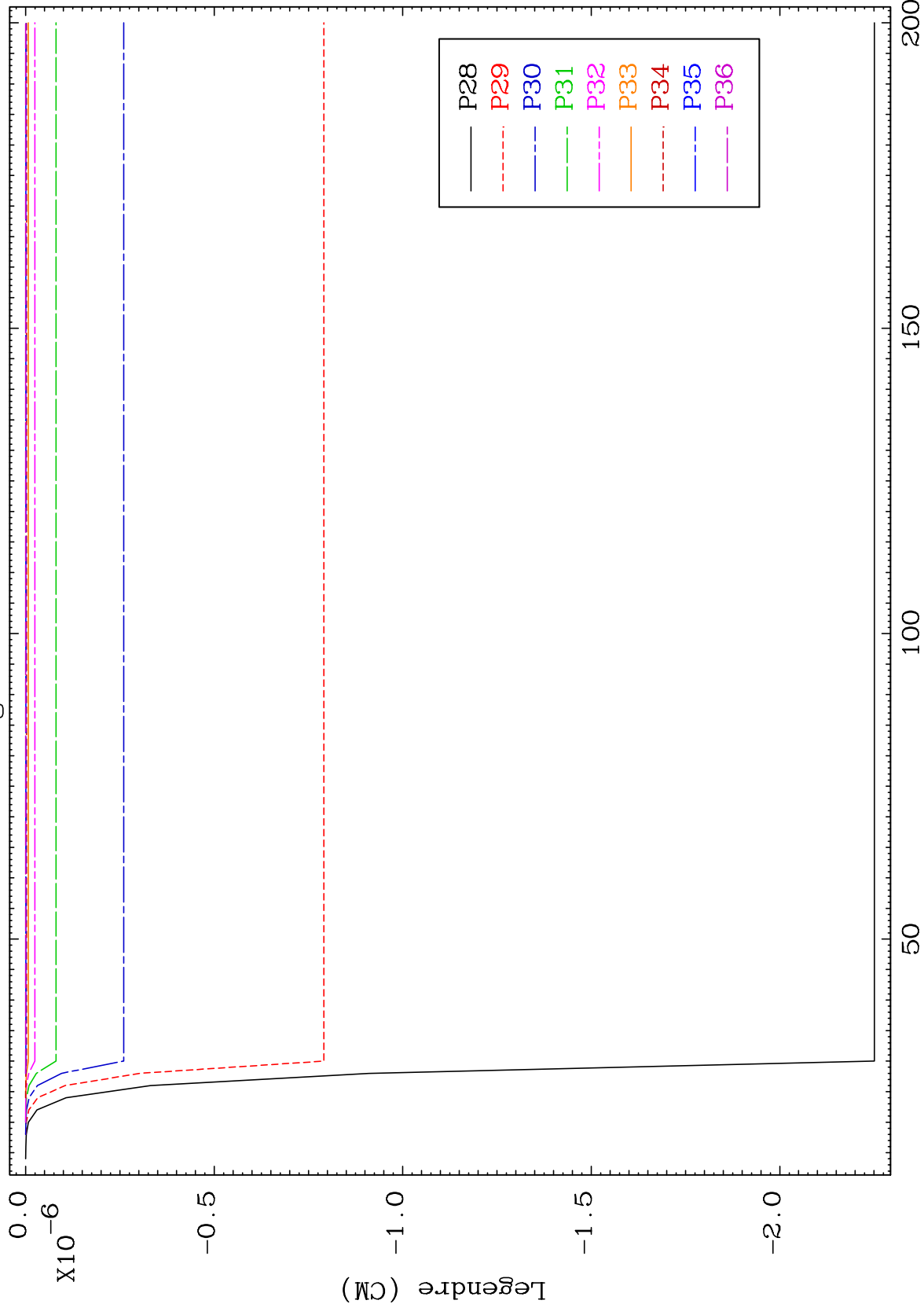
53-I -116

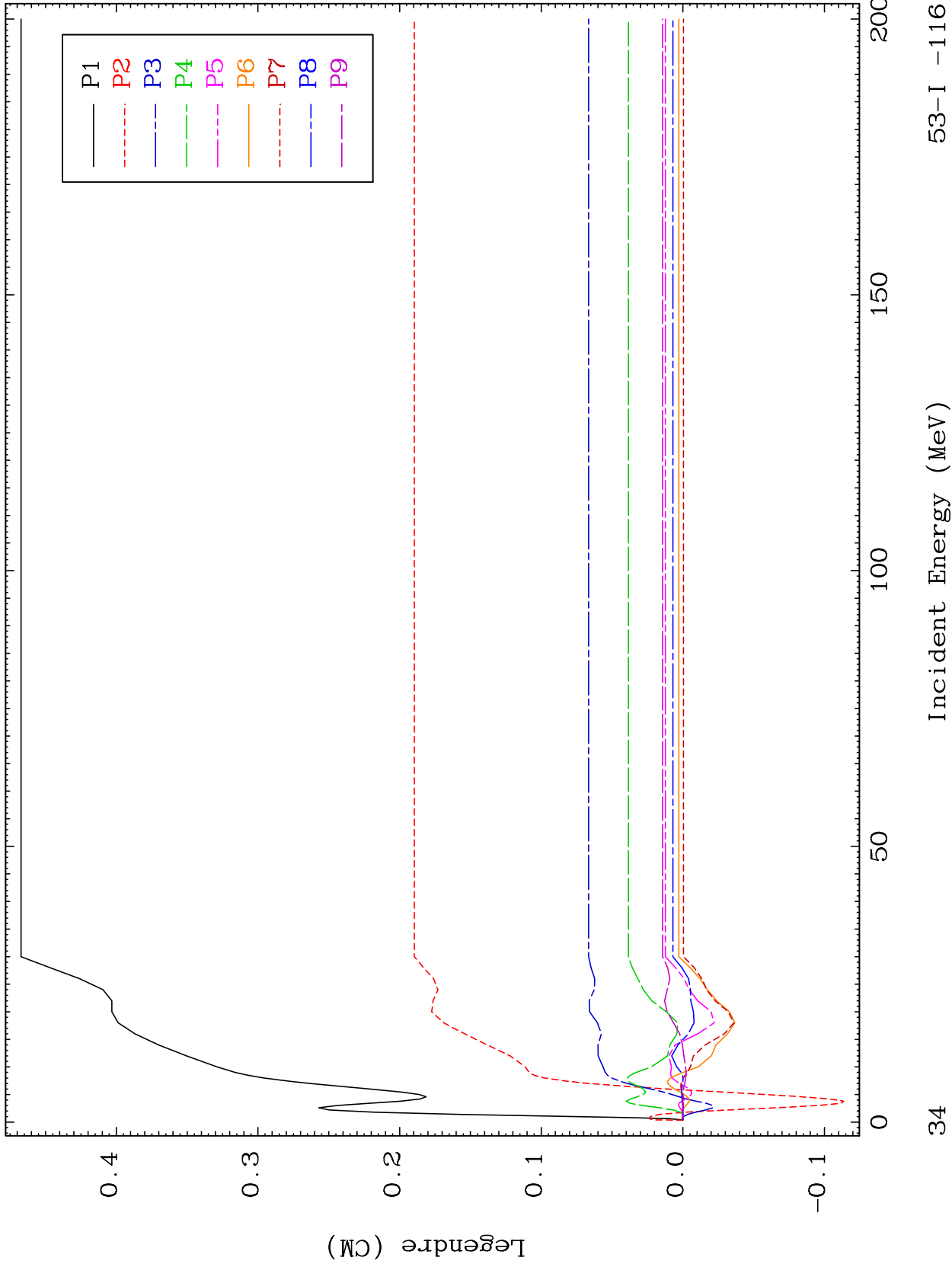
Incident Energy (MeV)

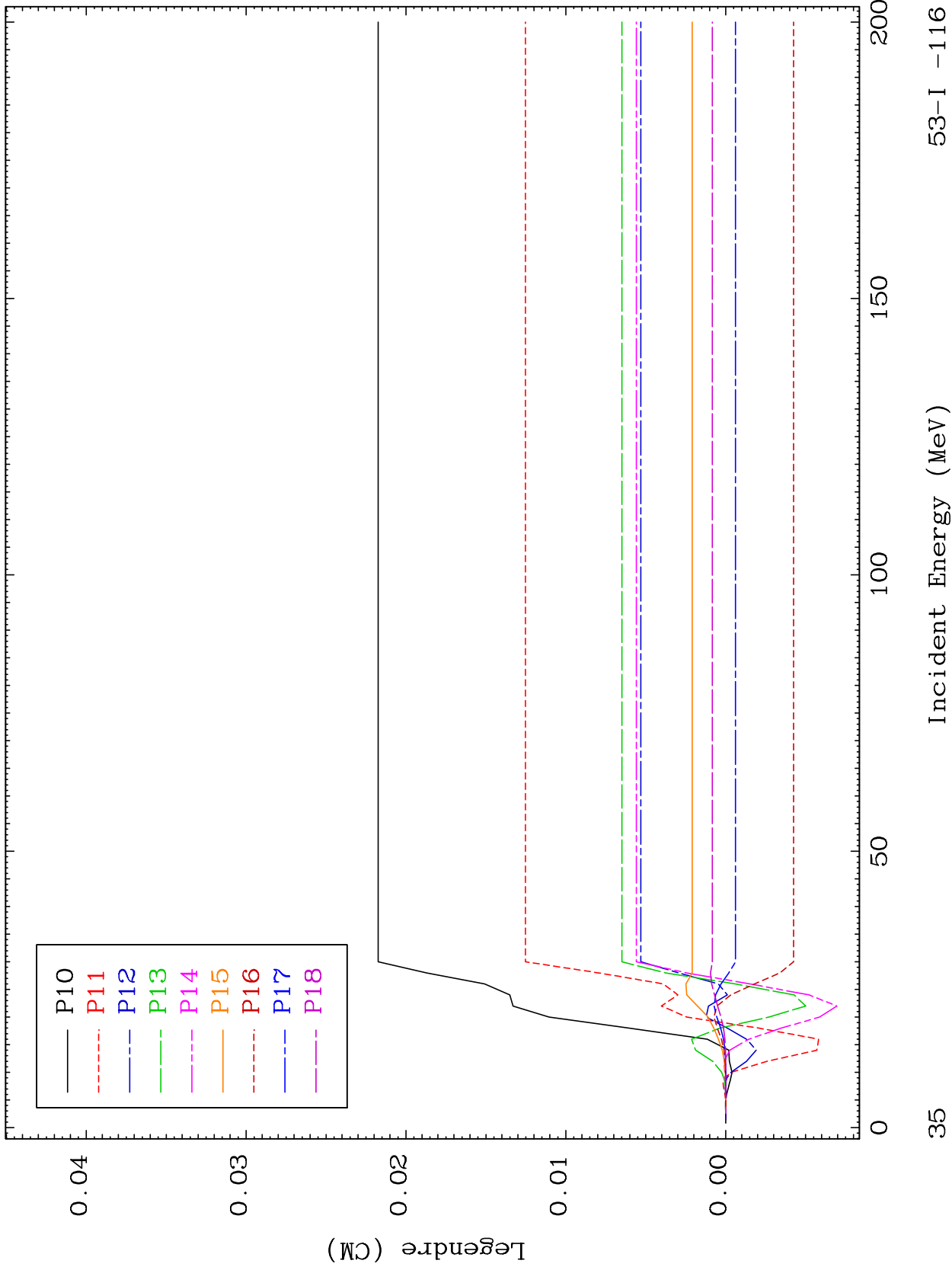
30

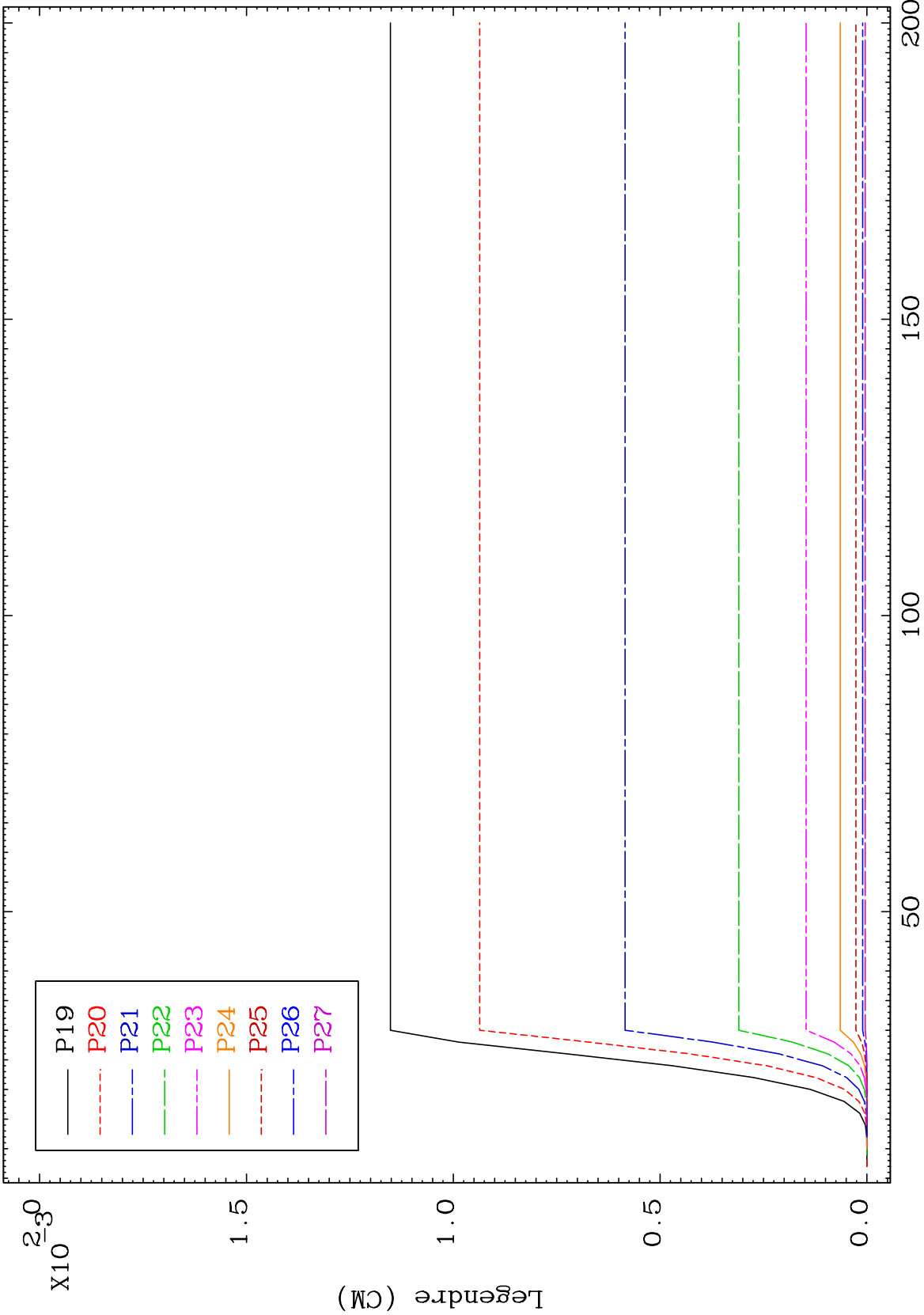


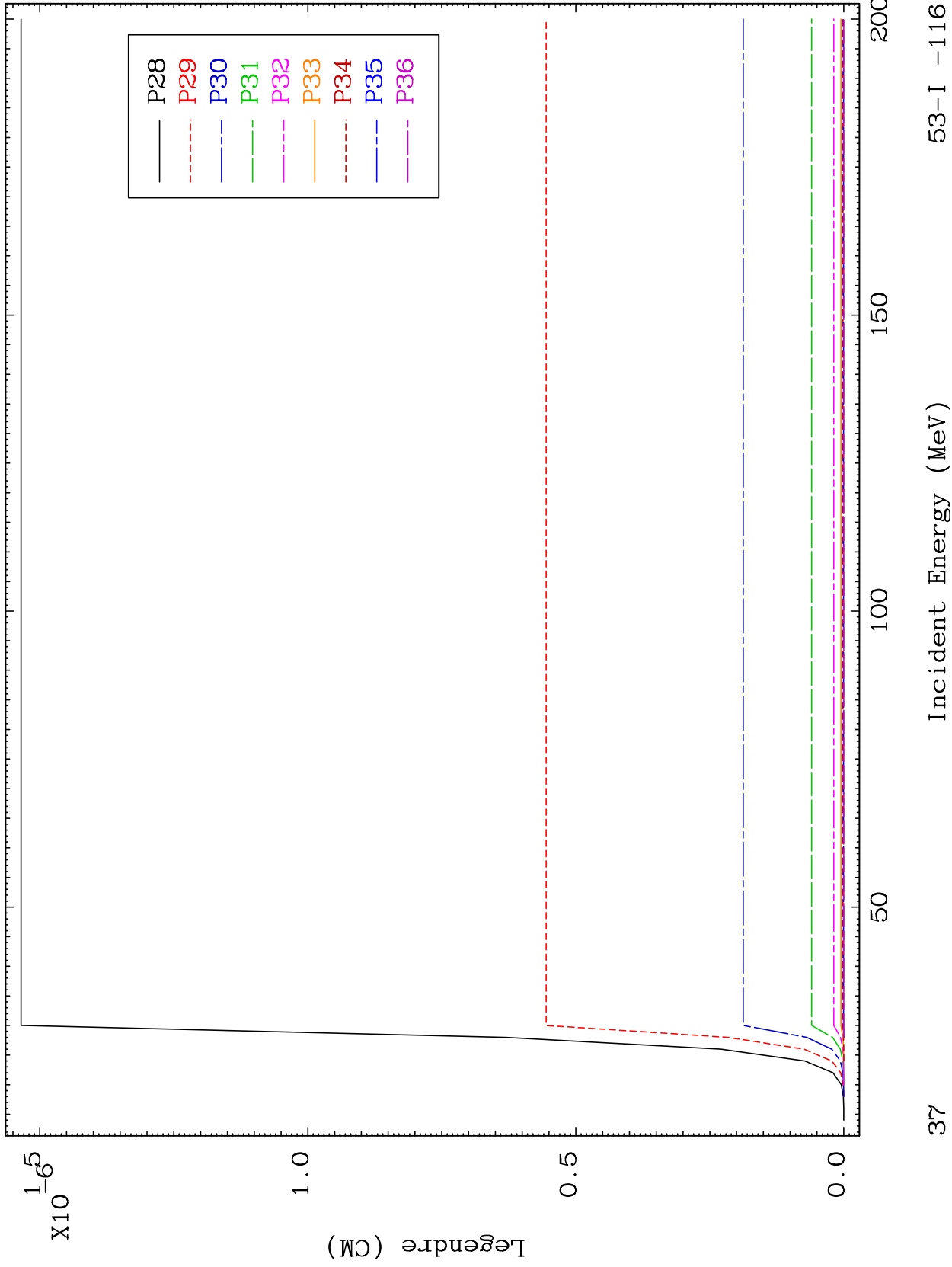










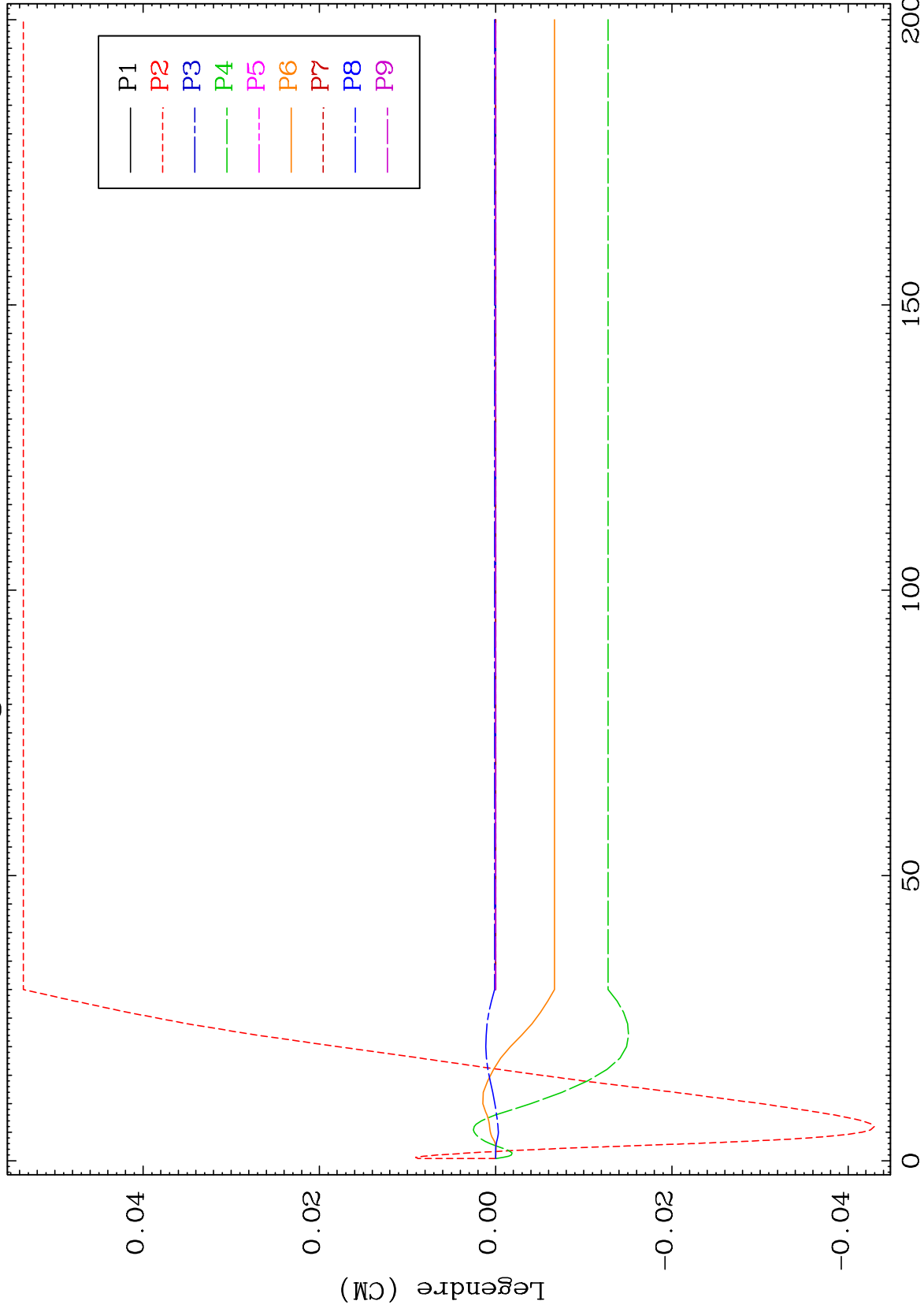


MAT 5292

MT= 56 (n,n') Level

53-I -116

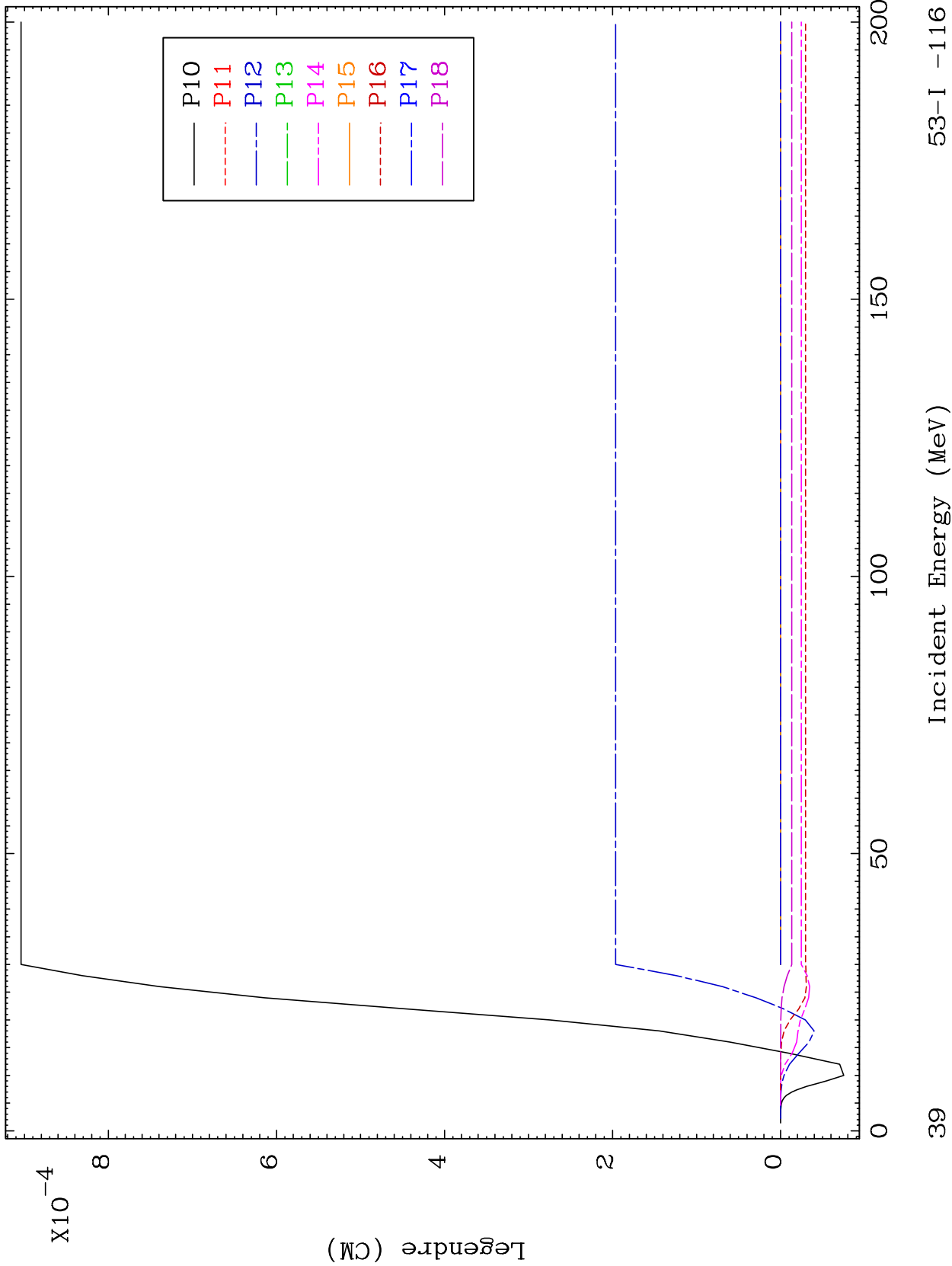
Legendre Coefficients



38

Incident Energy (MeV)

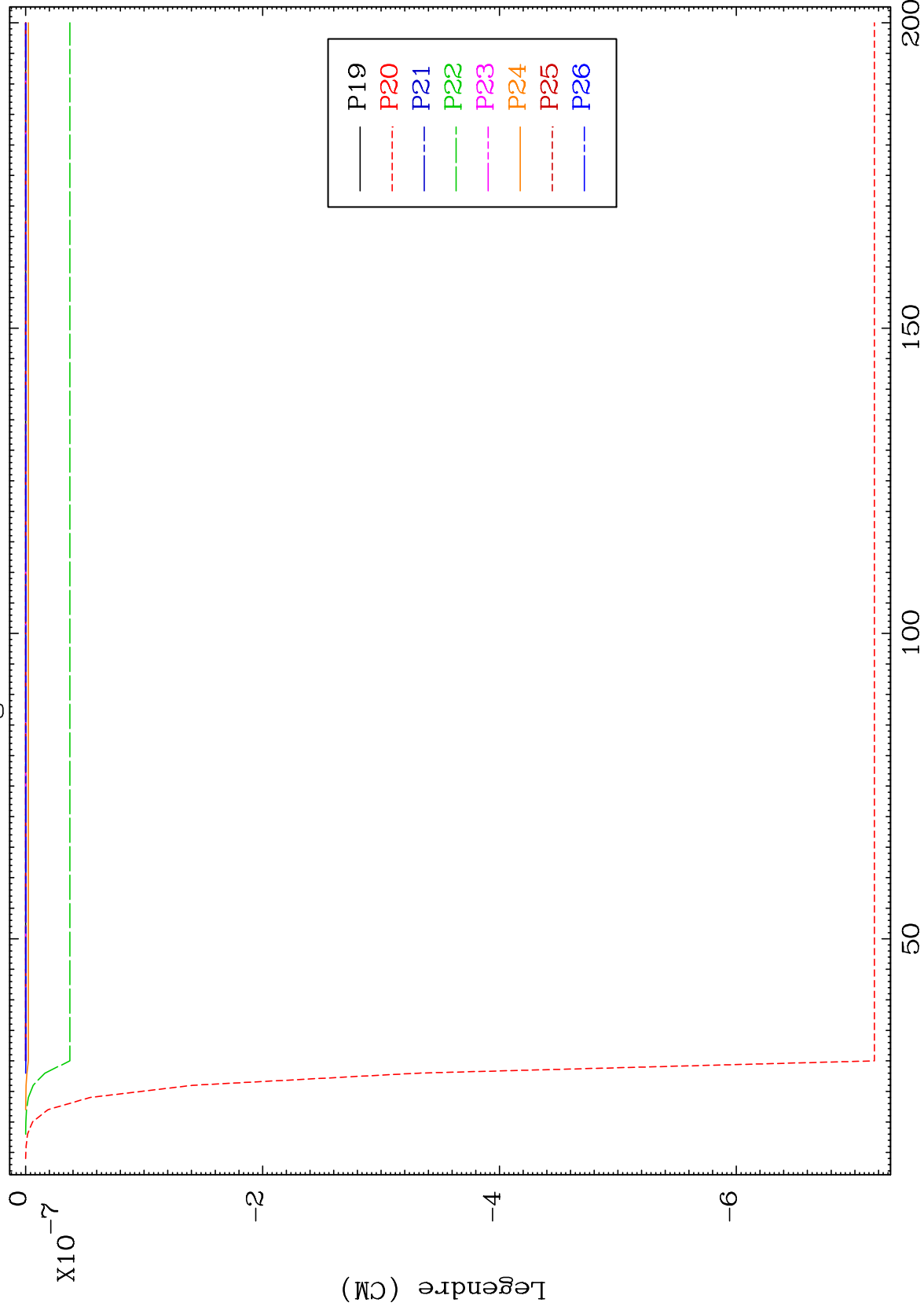
53-I -116



MAT 5292

MT= 56 (n,n') Level
Legendre Coefficients

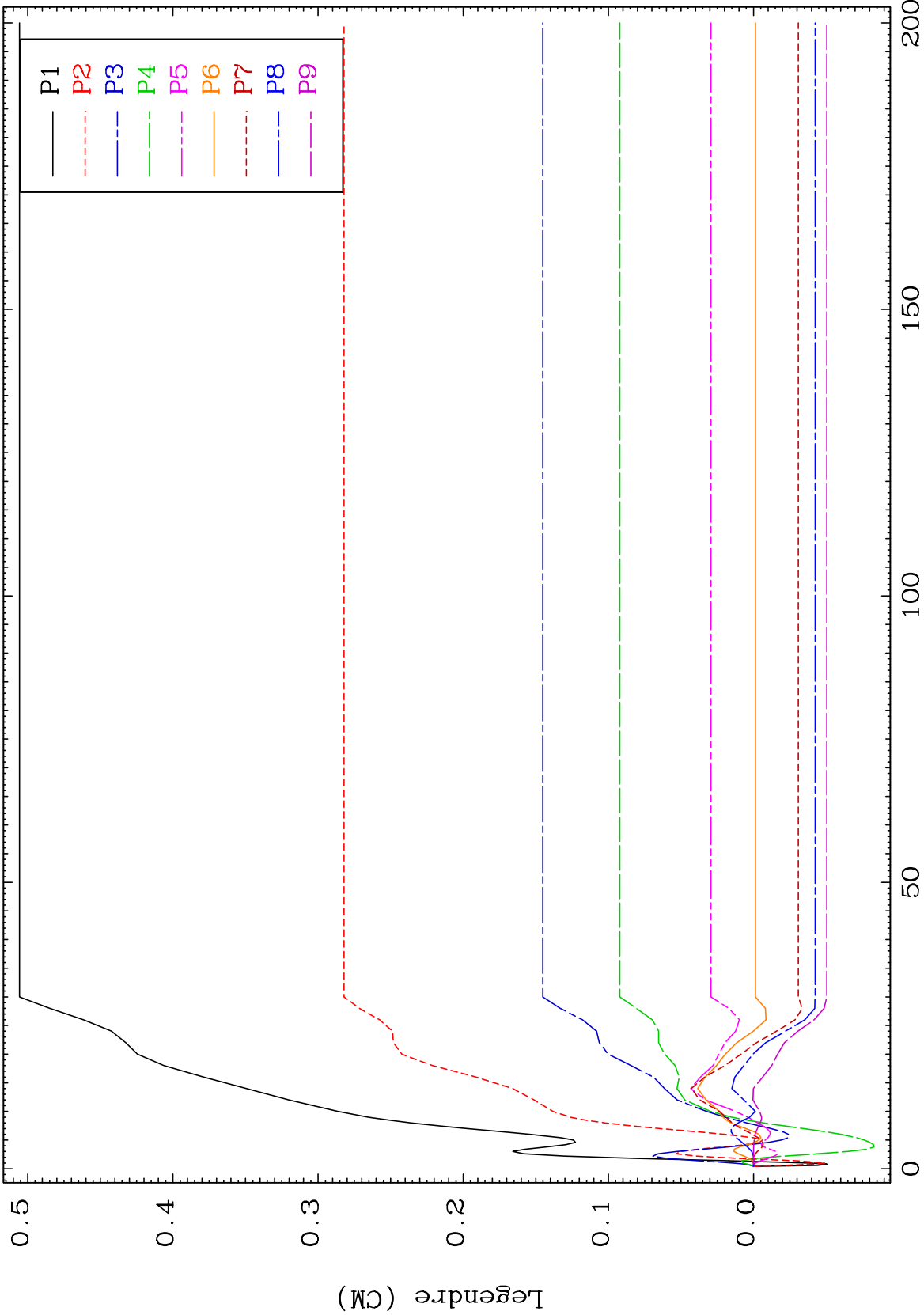
53-I -116

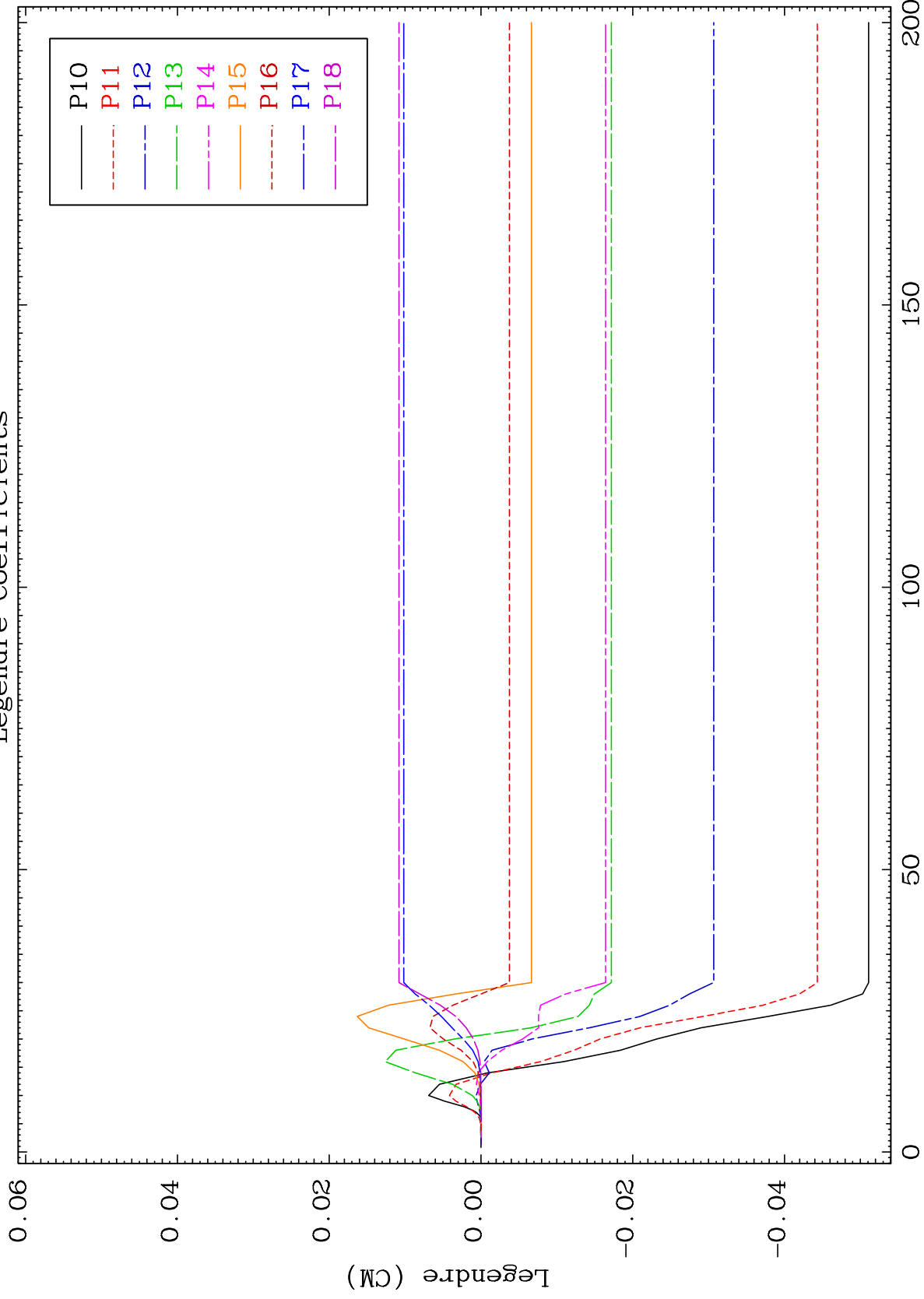


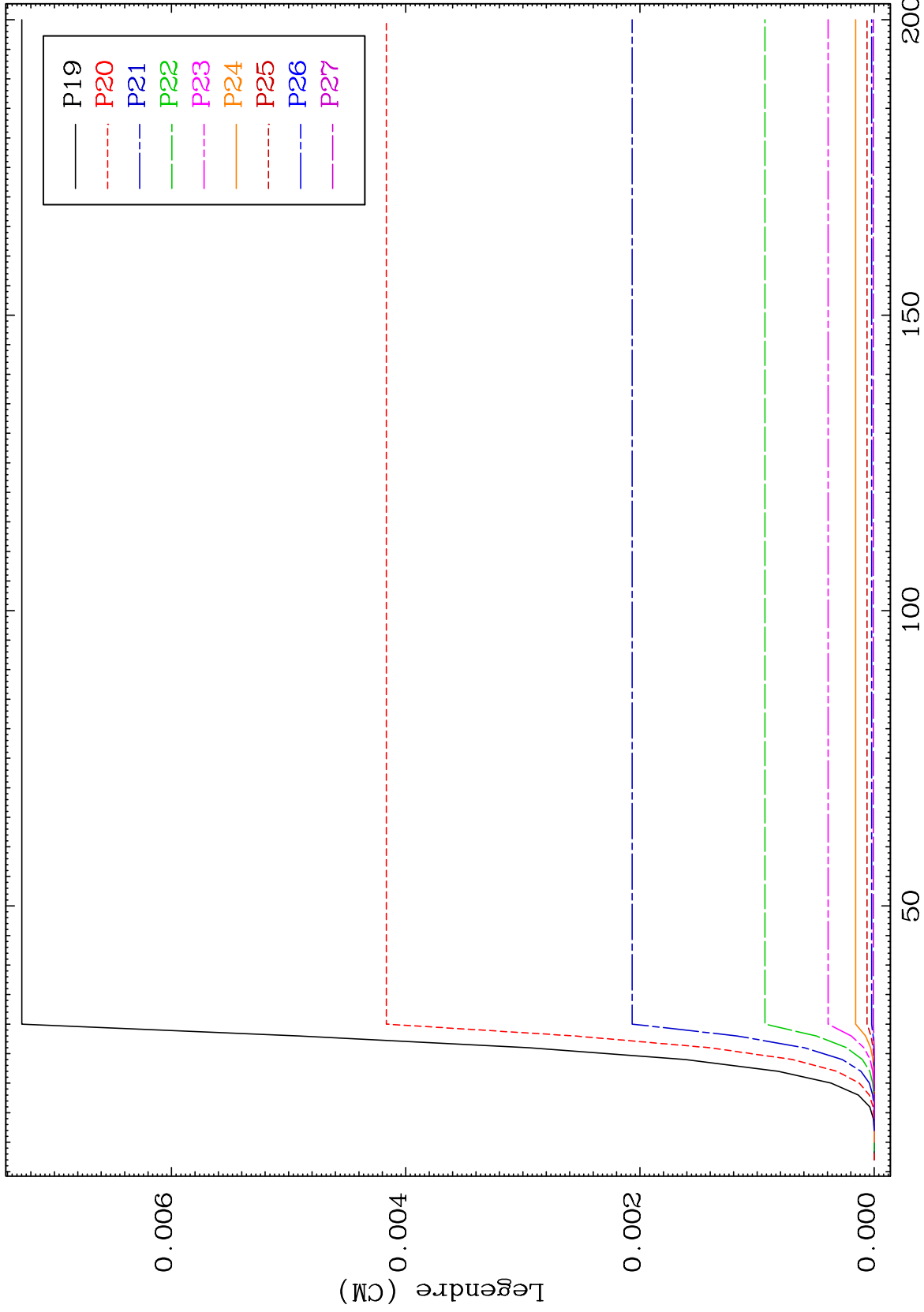
40

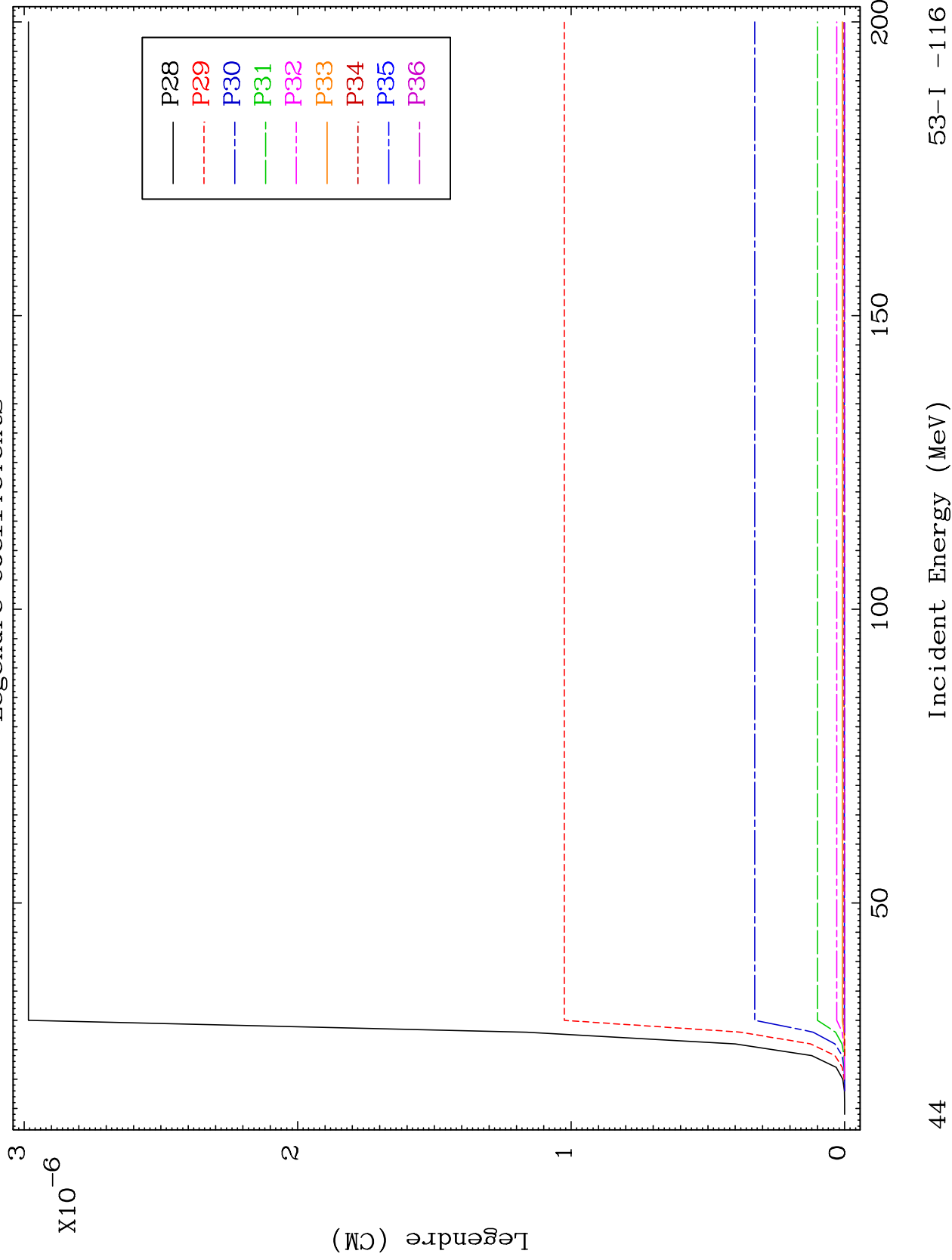
Incident Energy (MeV)

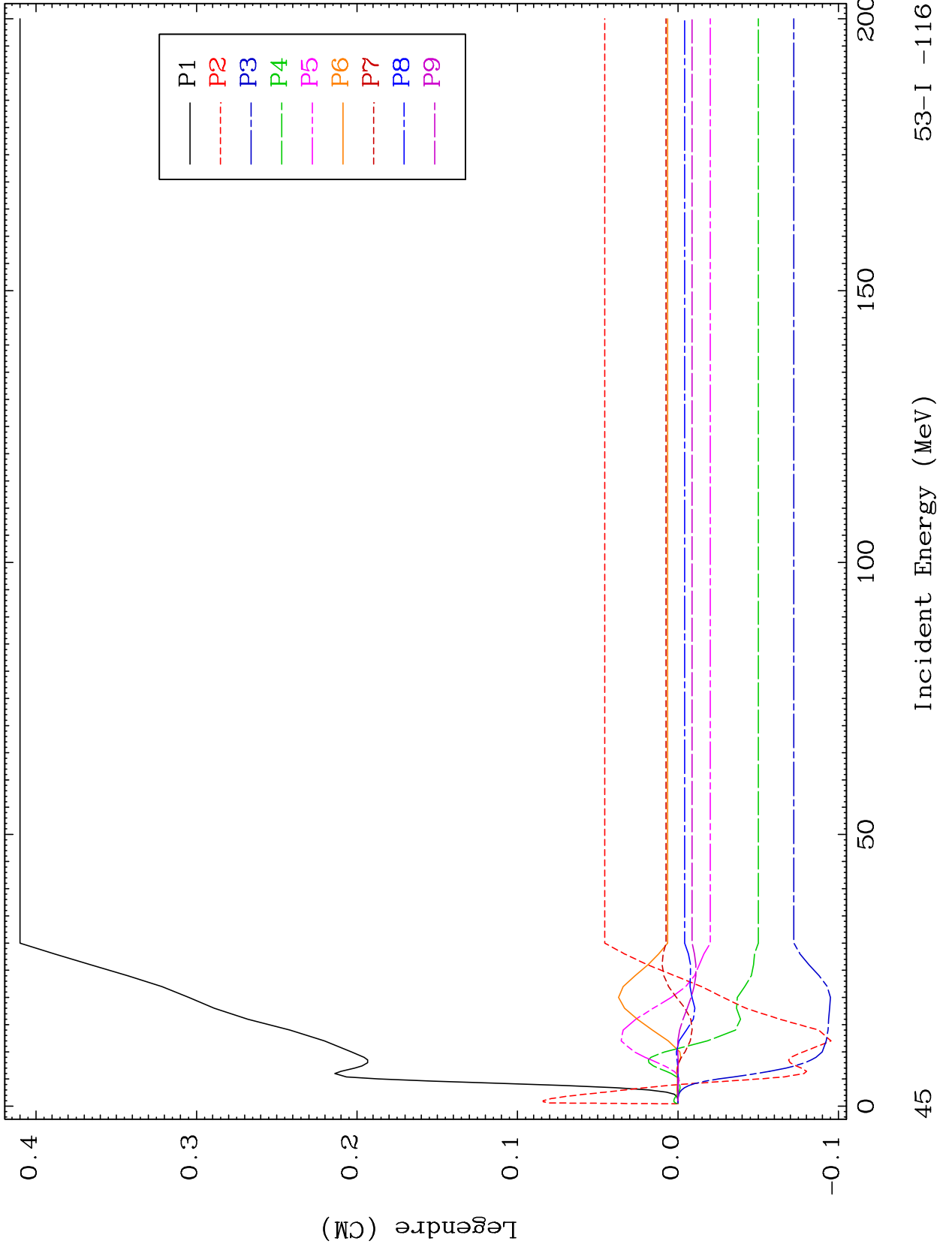
53-I -116







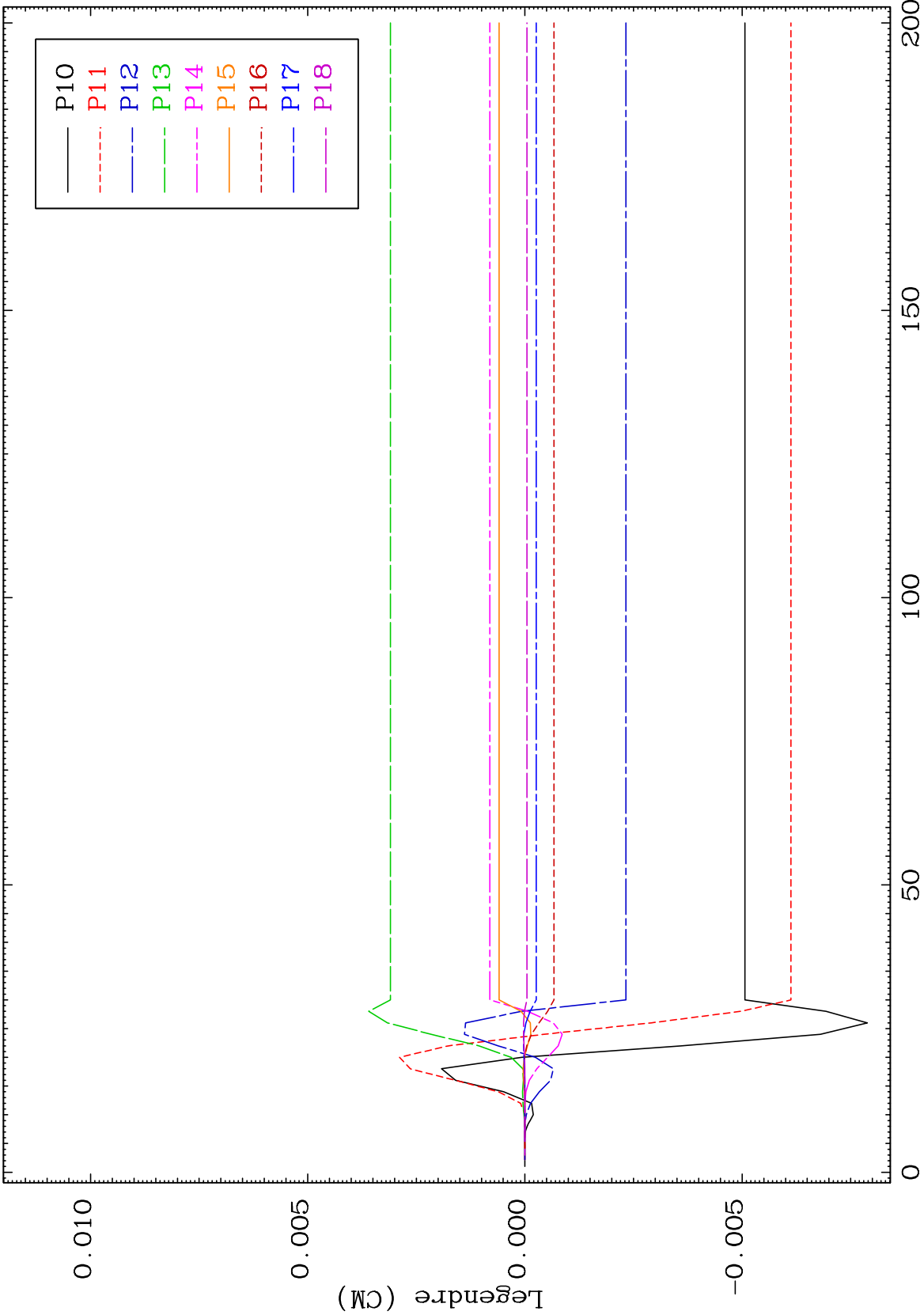




MAT 5292

MT= 58 (n,n') Level
Legendre Coefficients

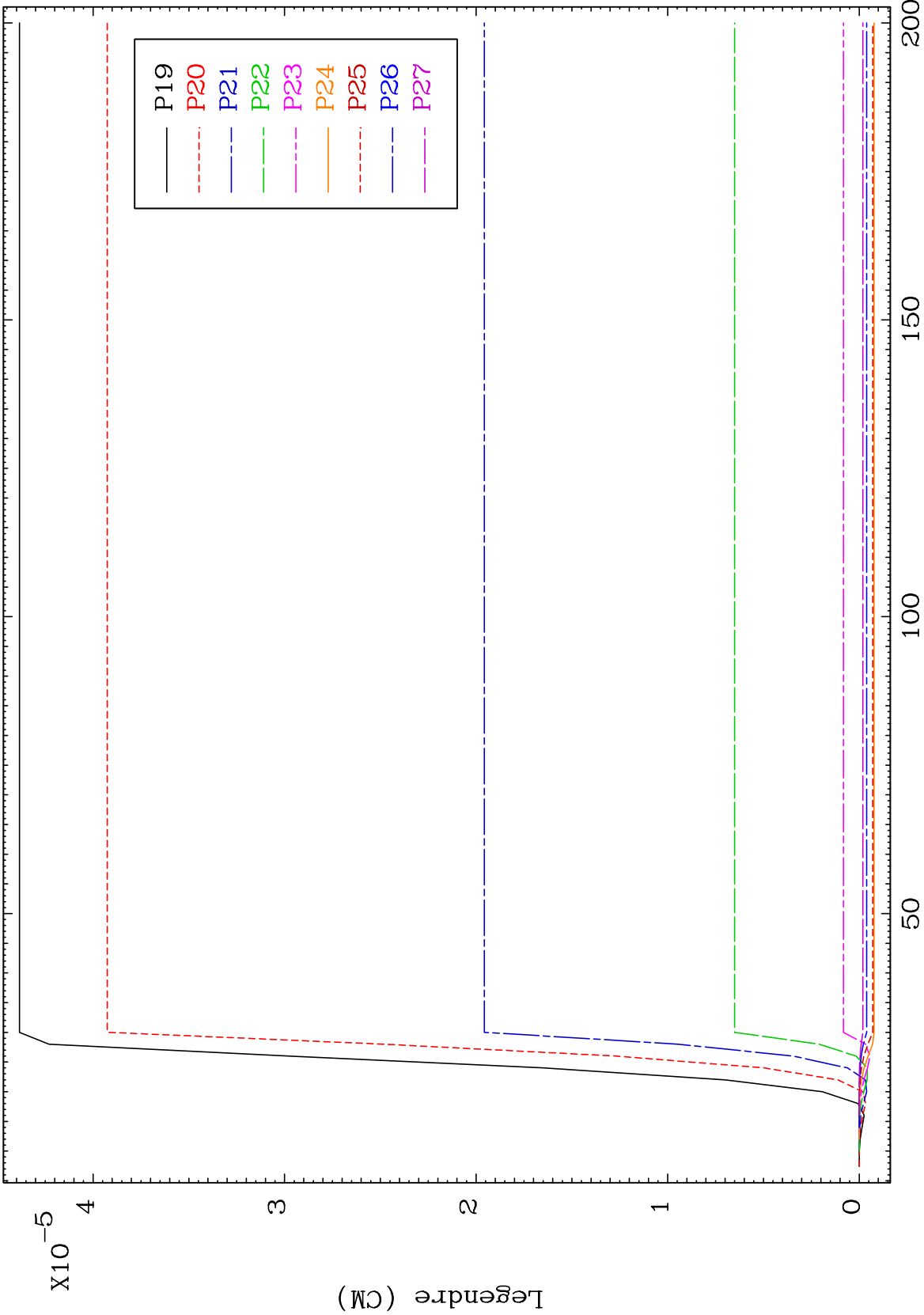
53-I -116



46

Incident Energy (MeV)

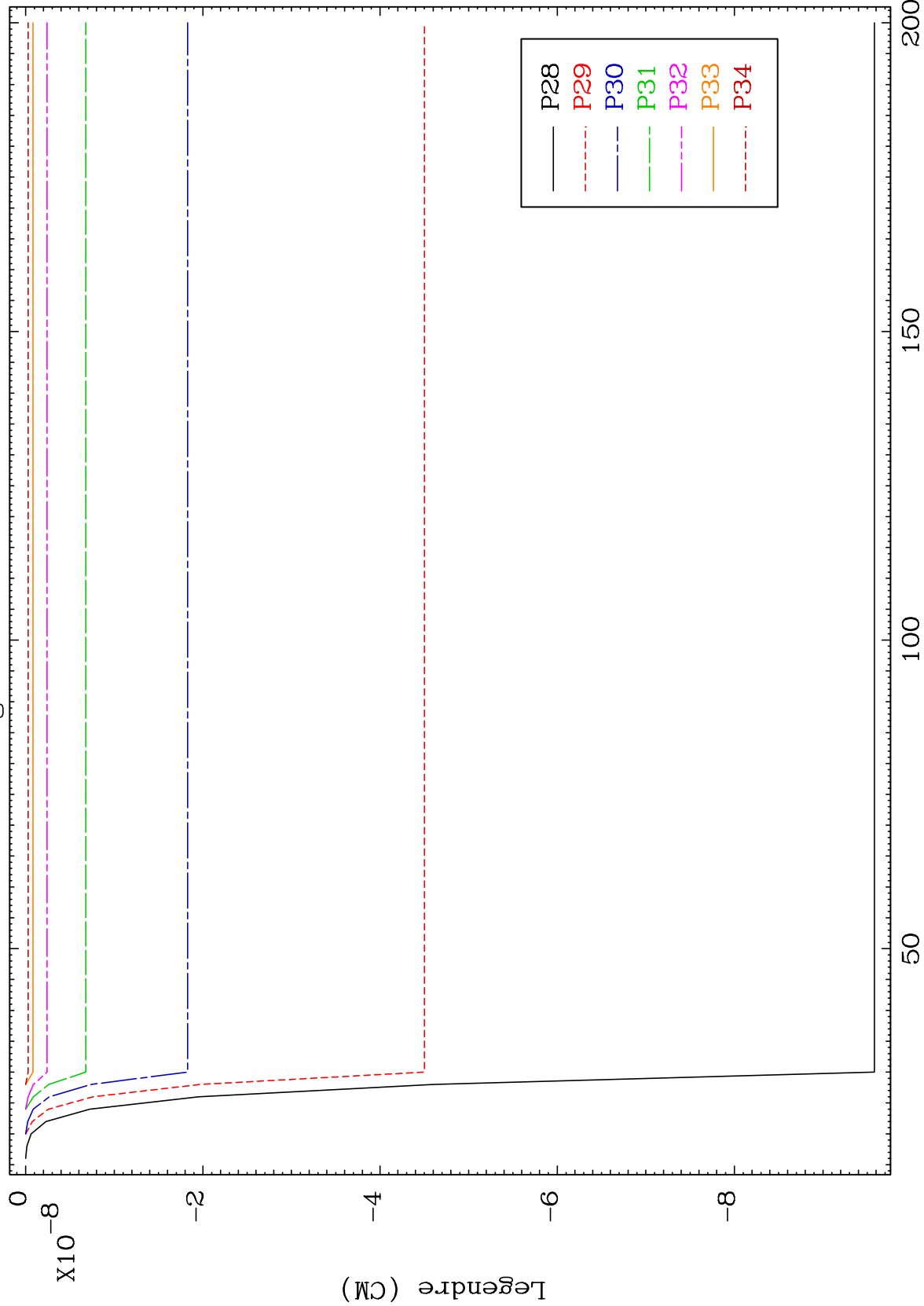
53-I -116



MAT 5292

MT= 58 (n,n') Level
Legendre Coefficients

53-I -116



48

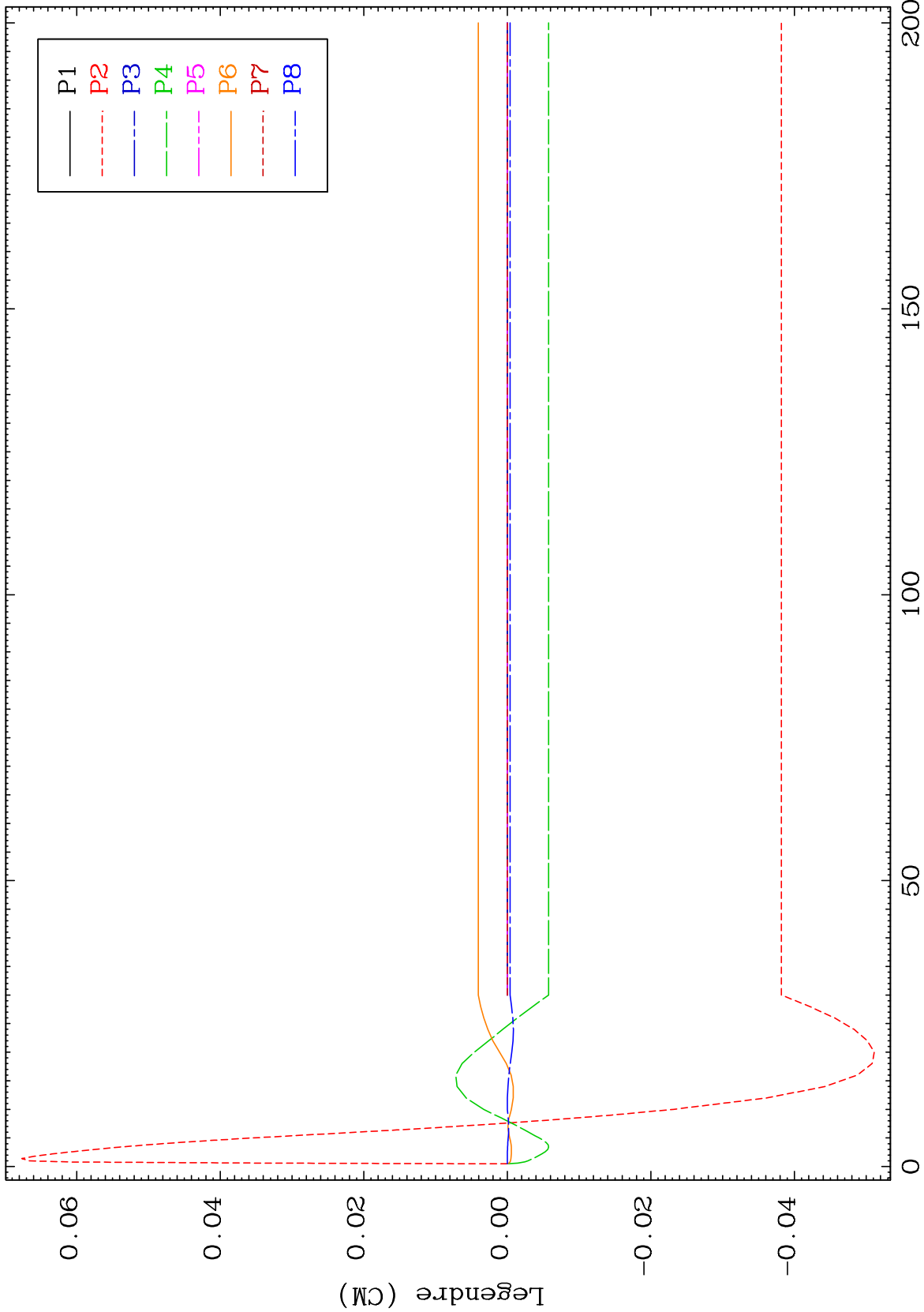
Incident Energy (MeV)

53-I -116

MAT 5292

MT= 59 (n,n') Level
Legendre Coefficients

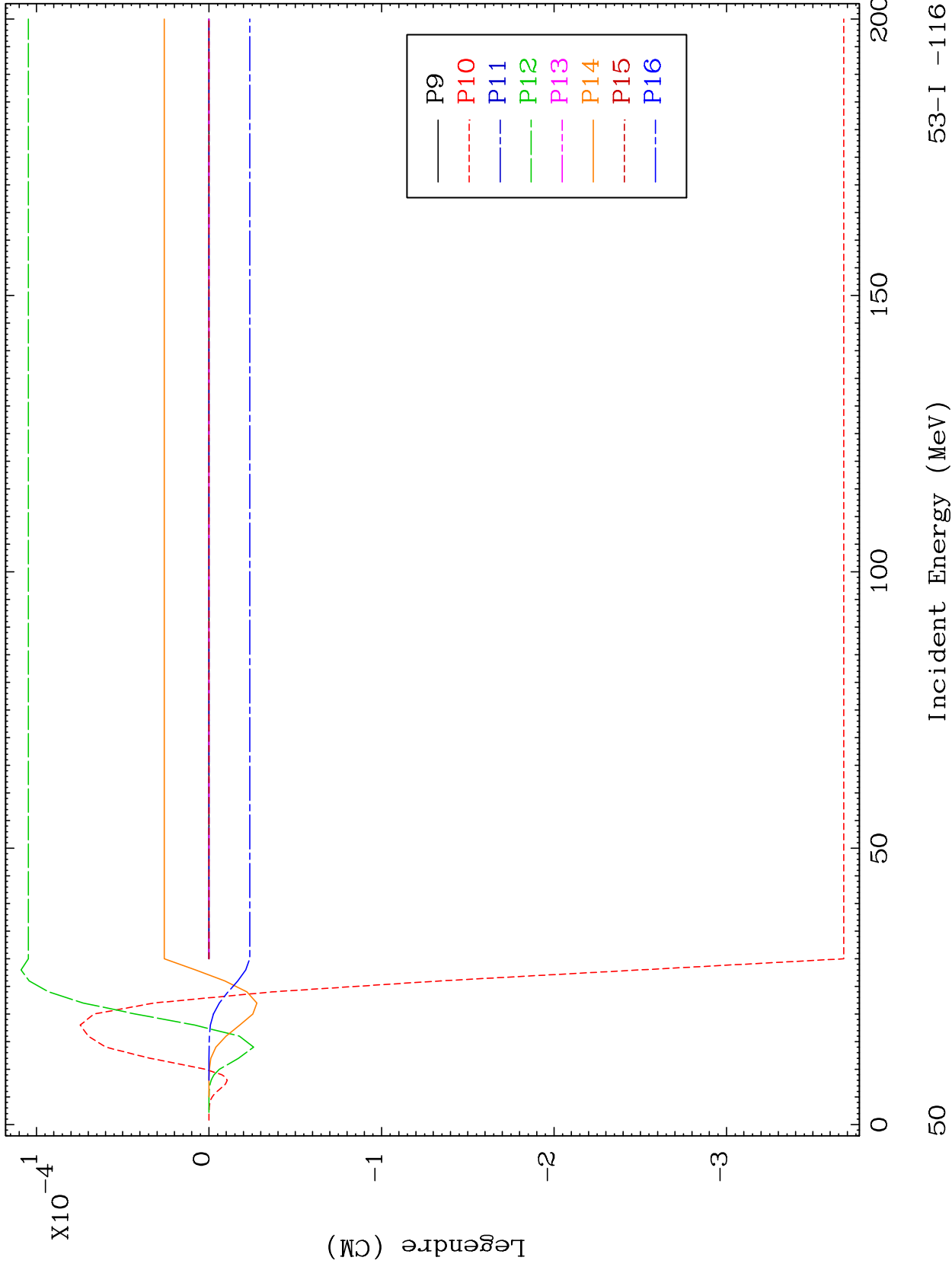
53-I -116



49

Incident Energy (MeV)

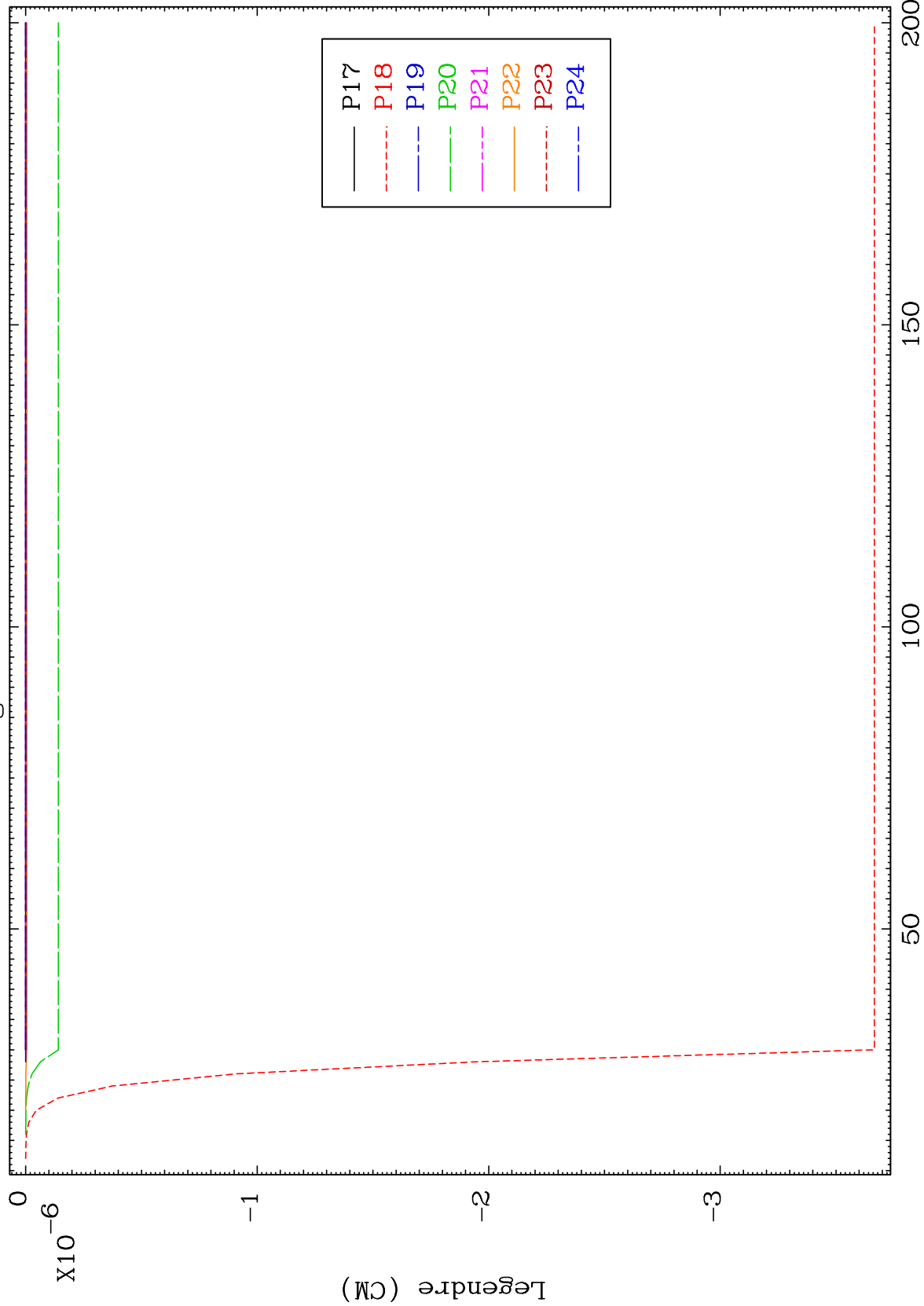
53-I -116



MAT 5292

MT= 59 (n,n') Level
Legendre Coefficients

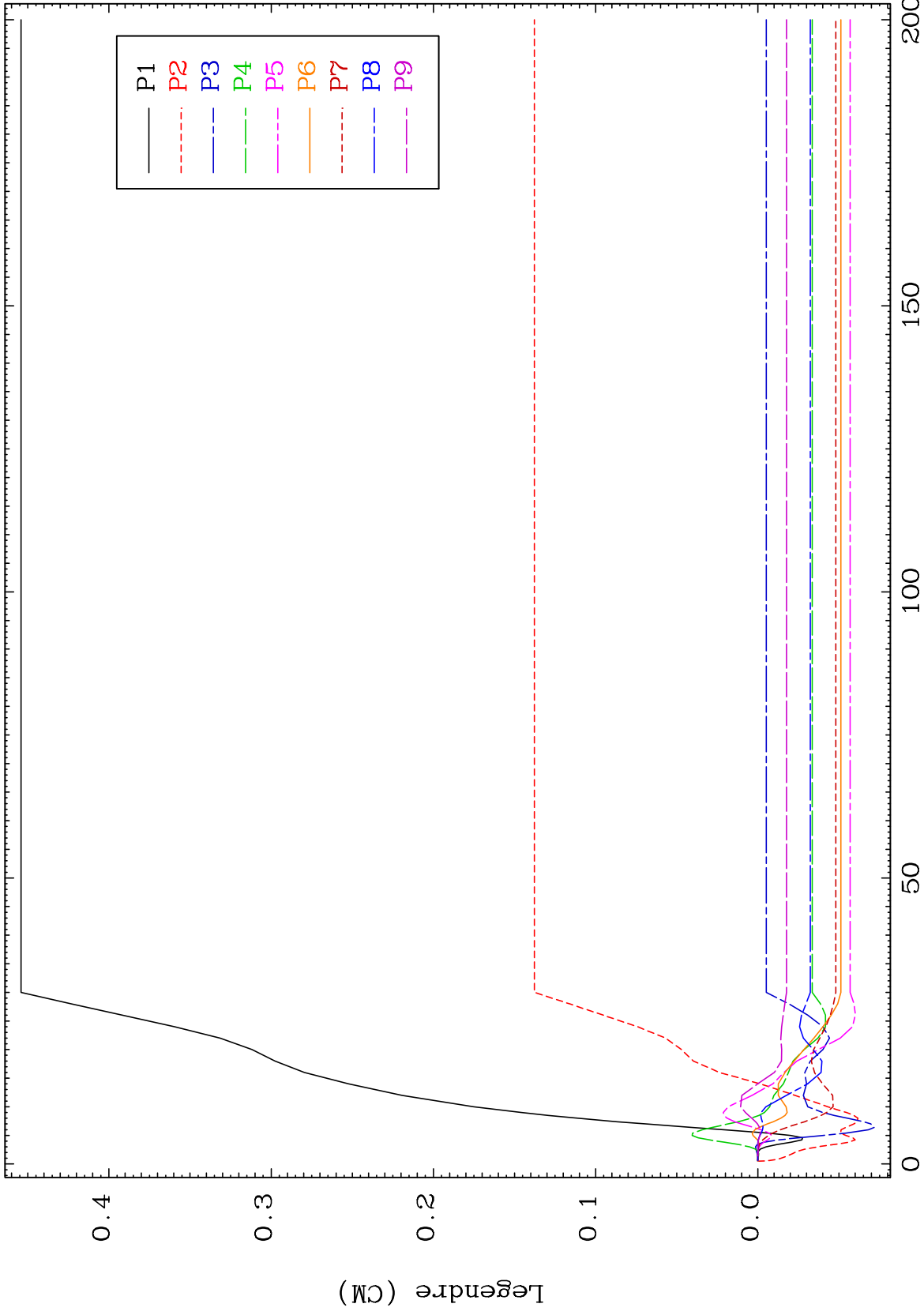
53-I -116



51

Incident Energy (MeV)

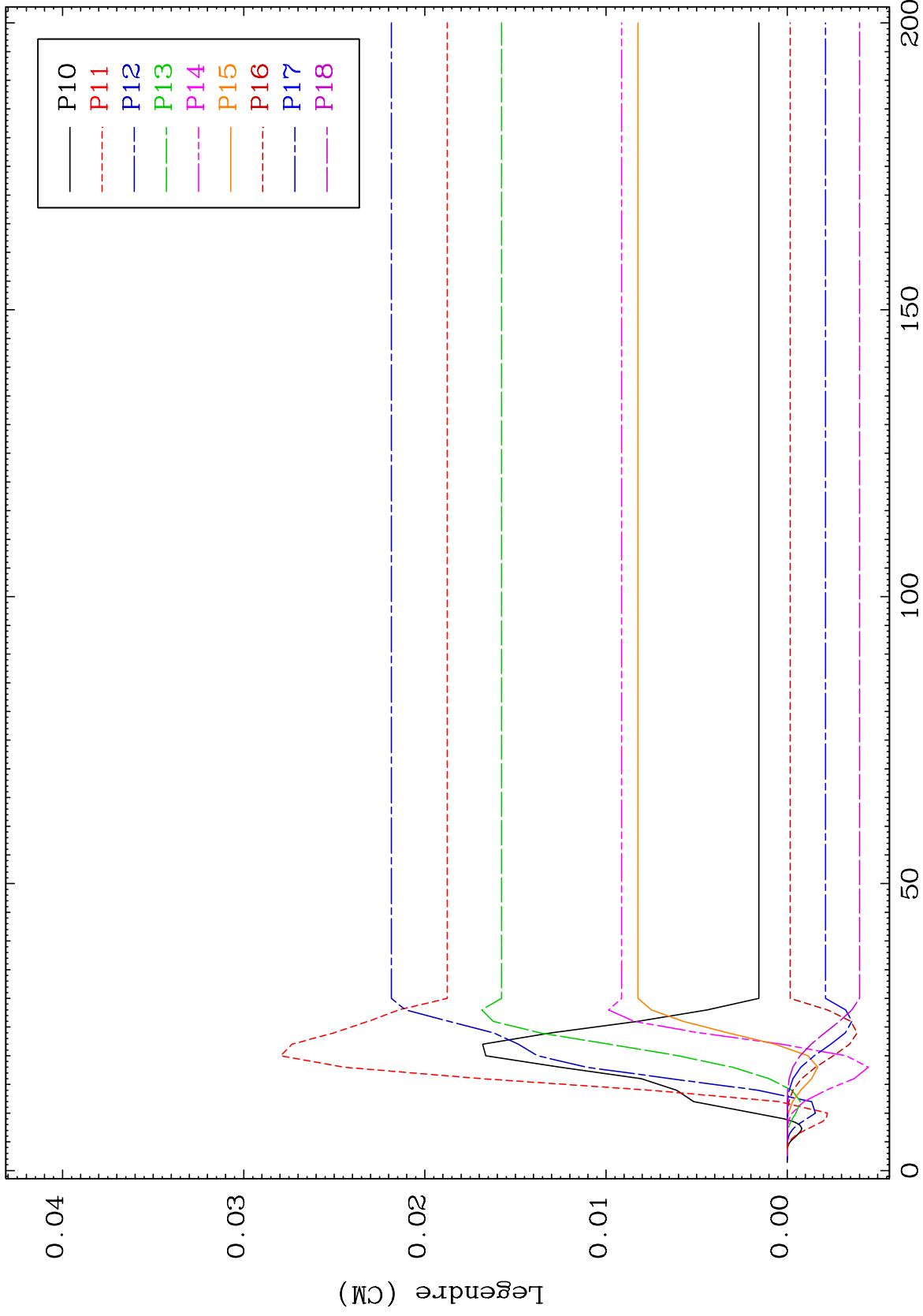
53-I -116



MAT 5292

MT= 60 (n,n') Level
Legendre Coefficients

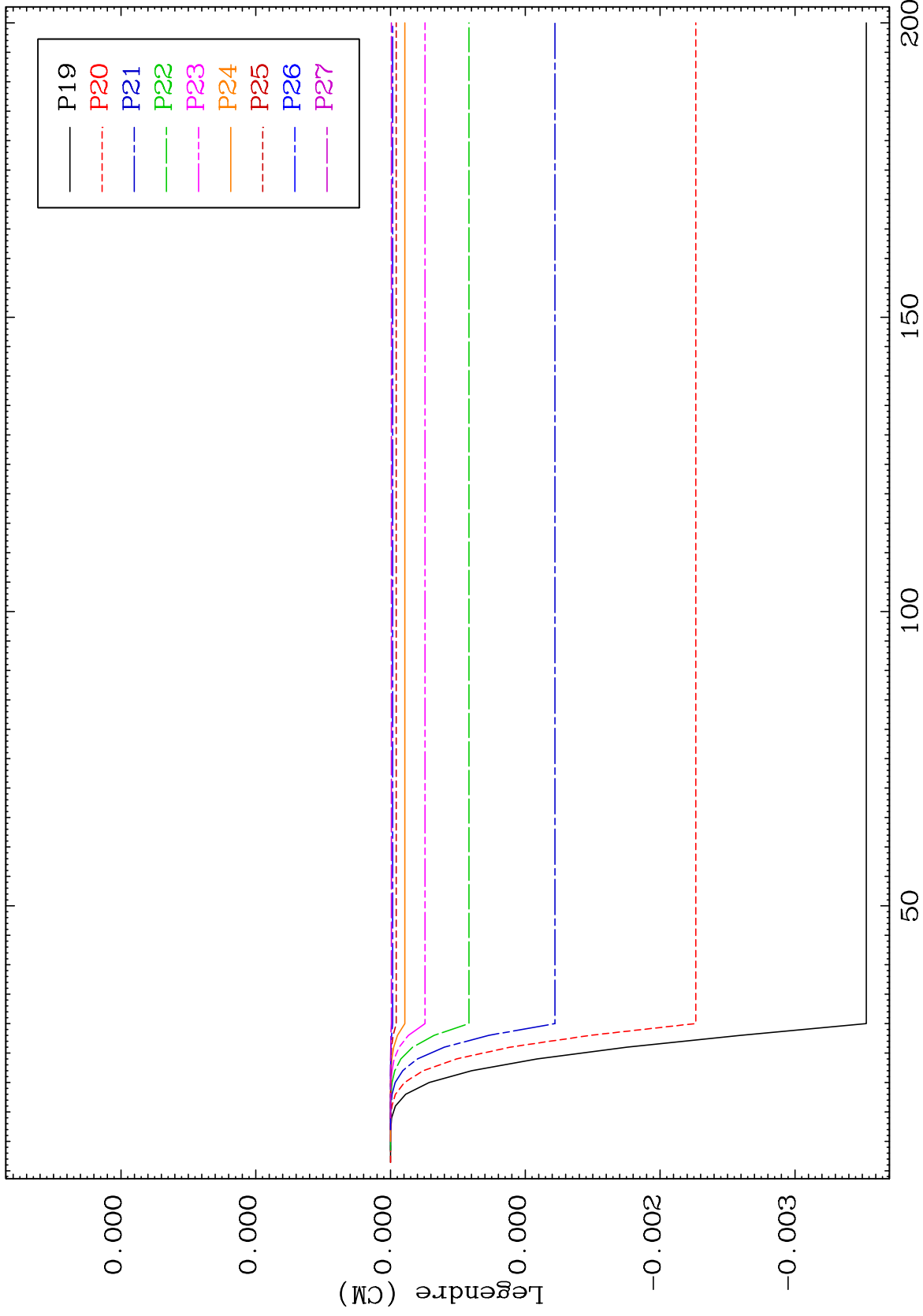
53-I -116

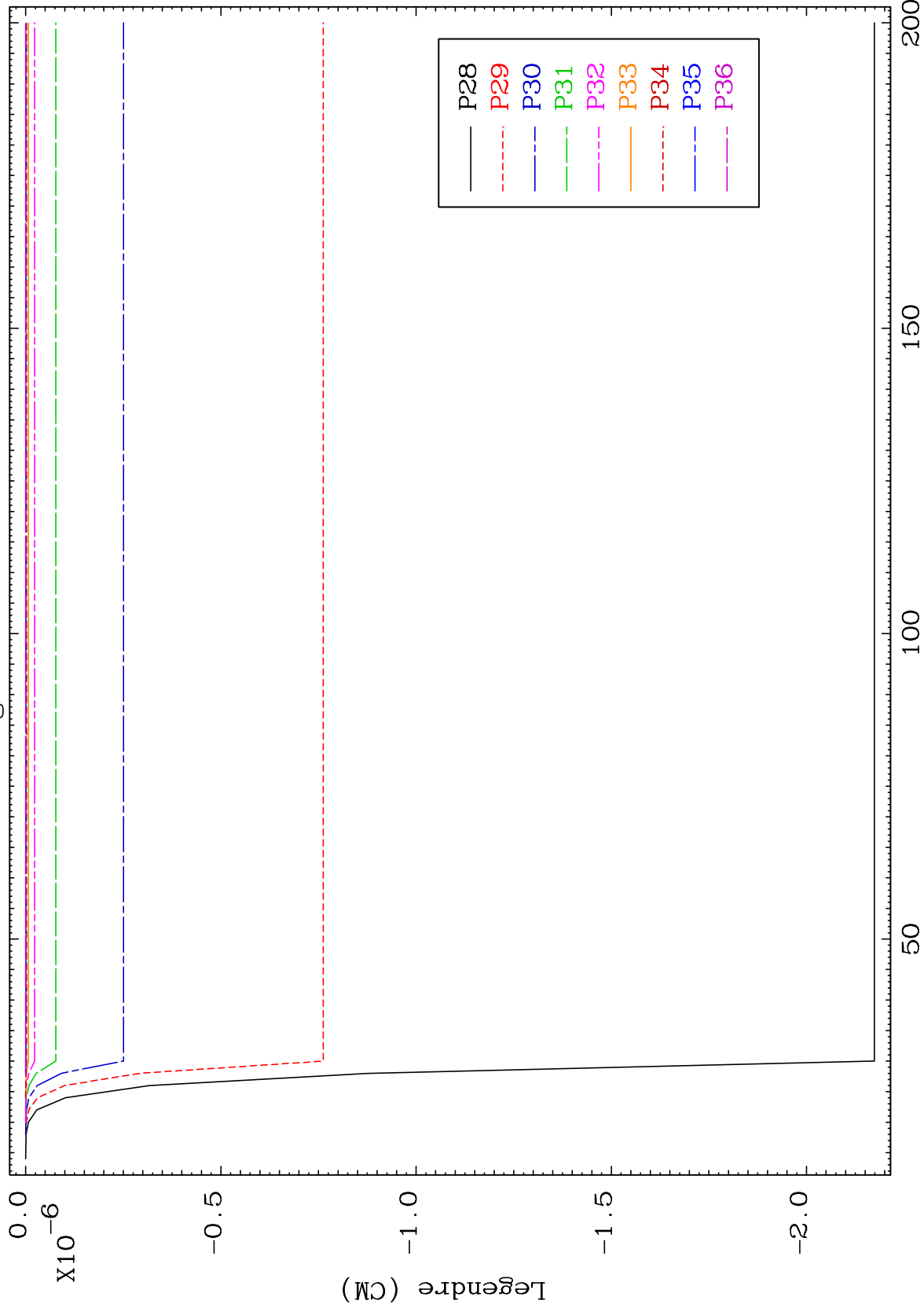


53

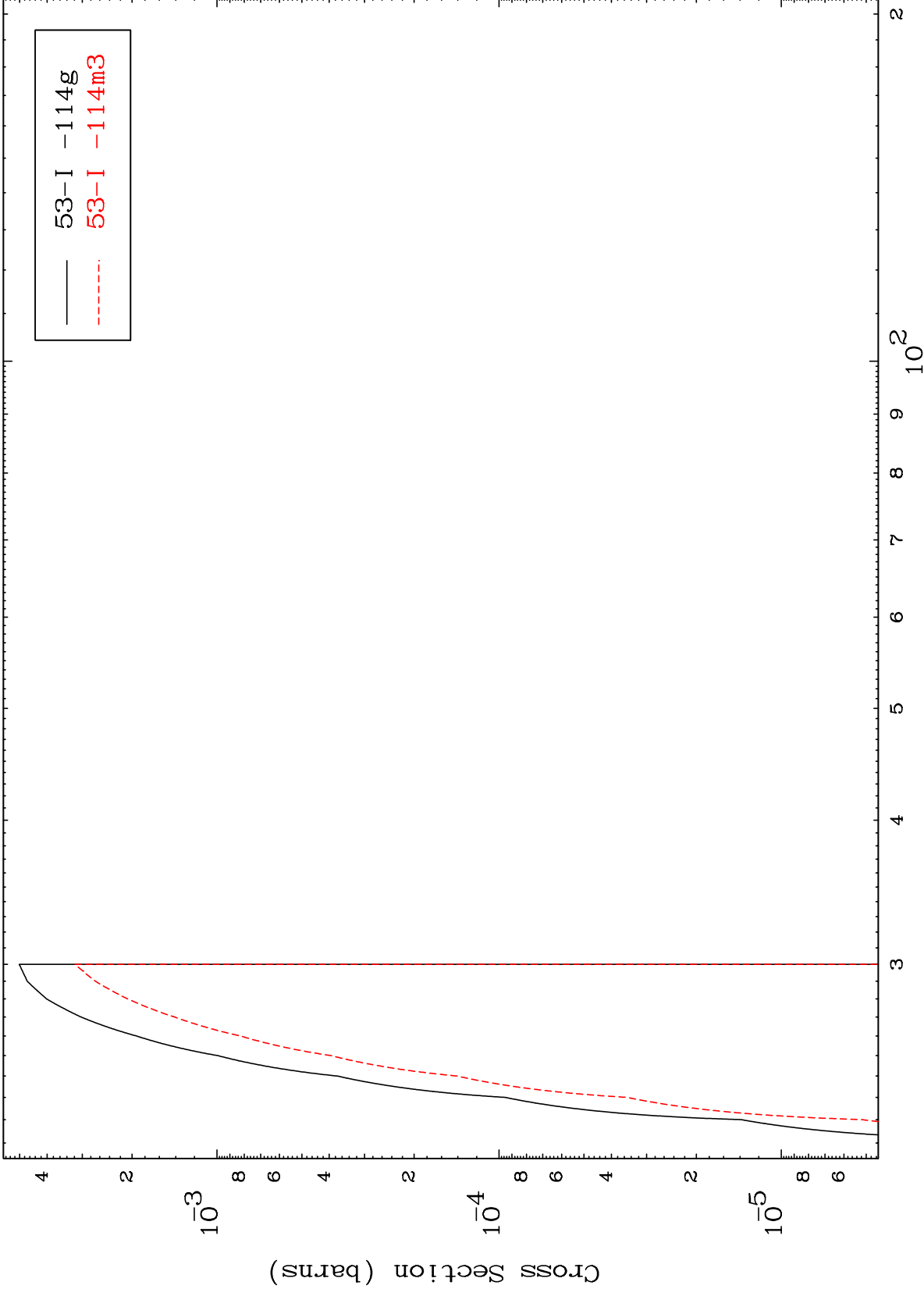
Incident Energy (MeV)

53-I -116

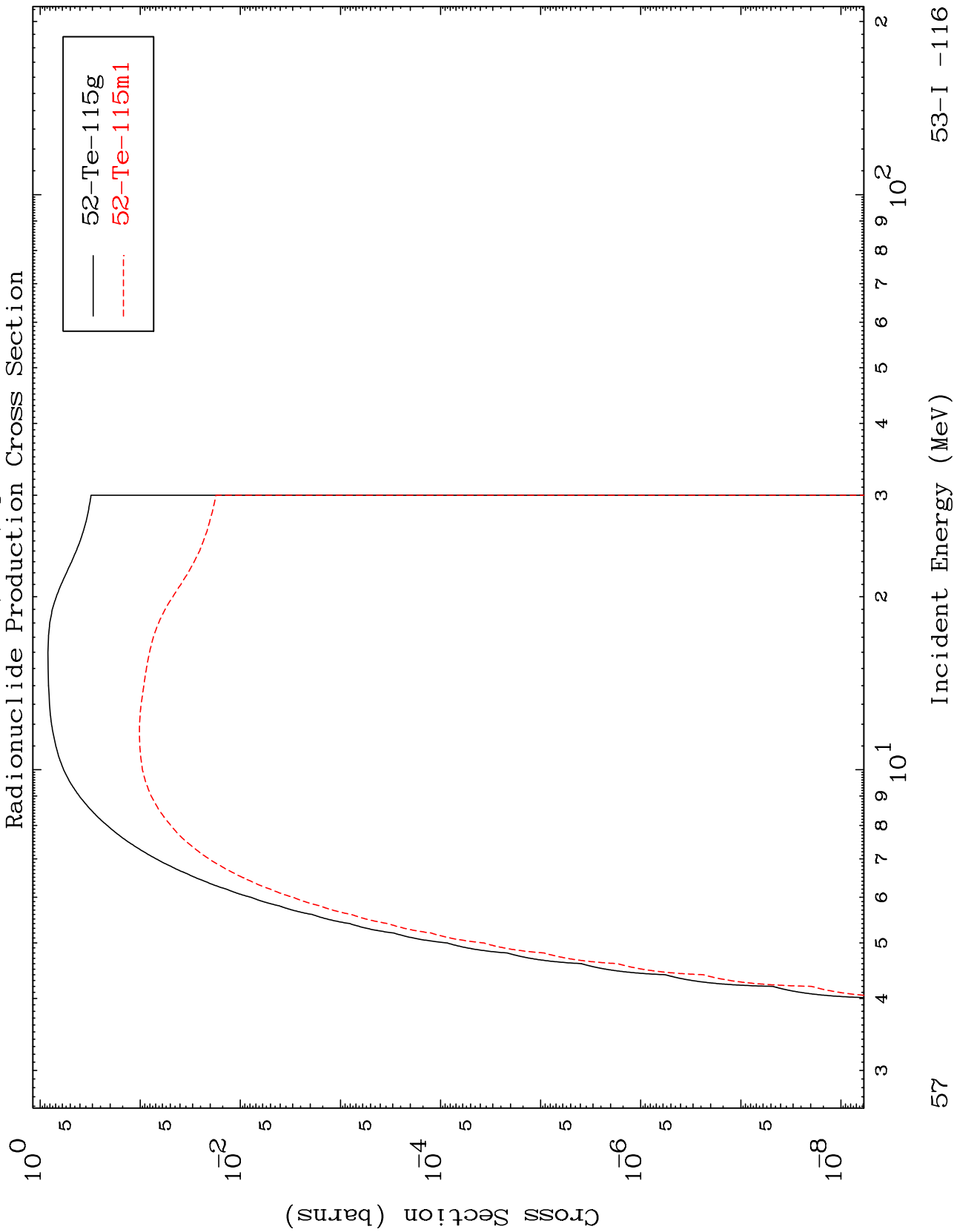




Radionuclide Production Cross Section



53-I -114g
53-I -114m3

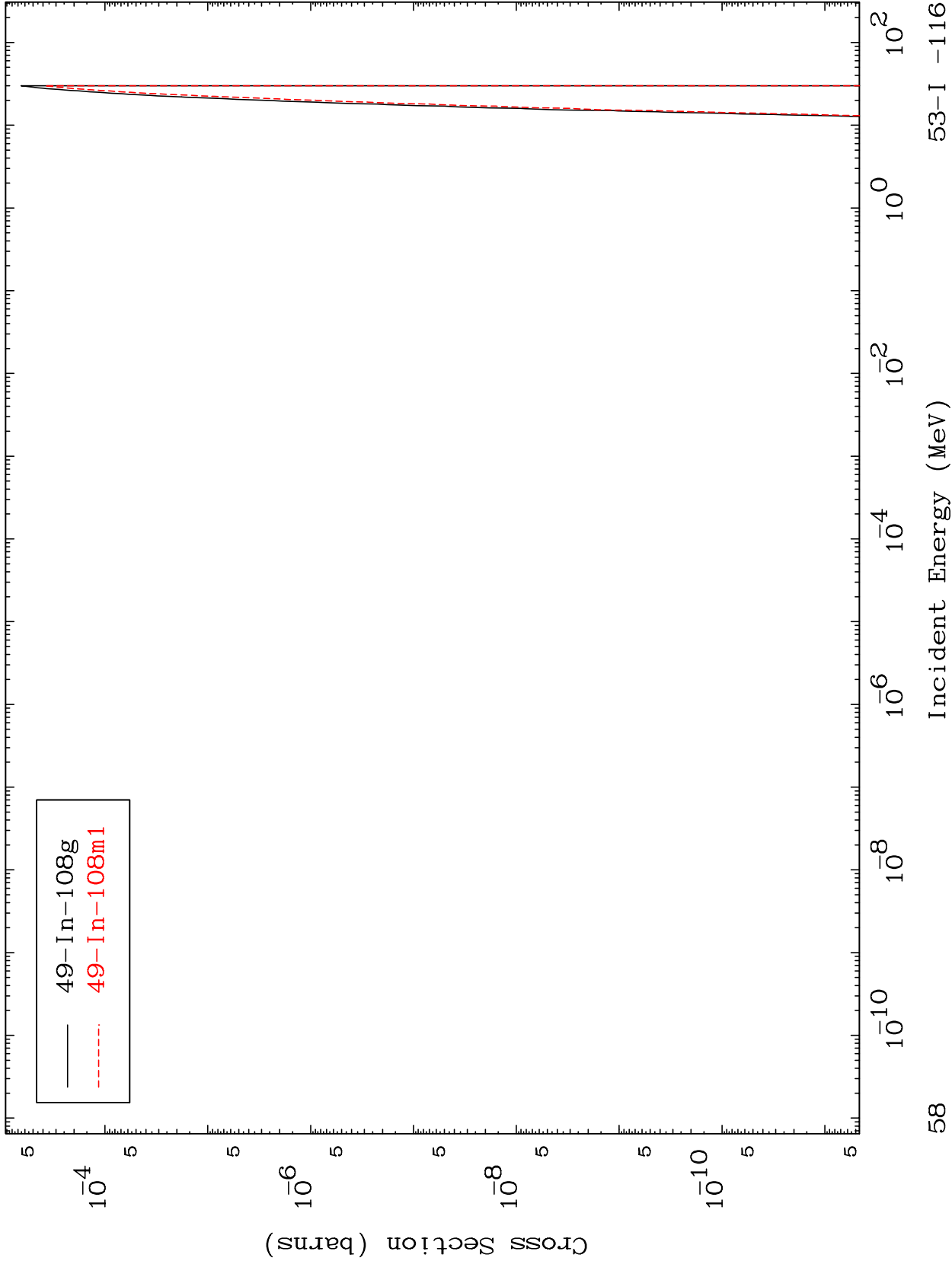


MAT 5292

(n,n') 2α

53-I -116

Radionuclide Production Cross Section

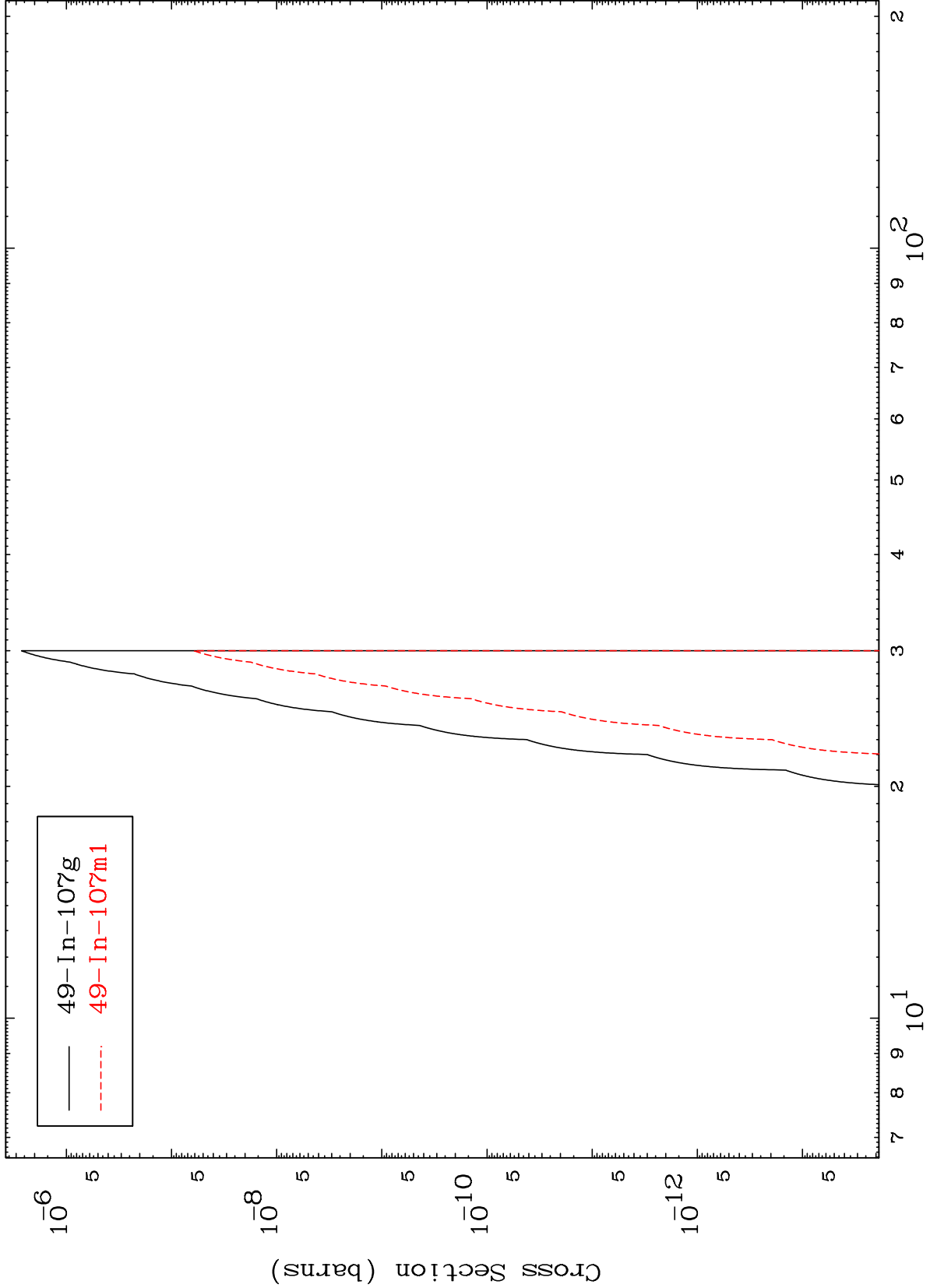


58

Incident Energy (MeV)

53-I -116

Radionuclide Production Cross Section



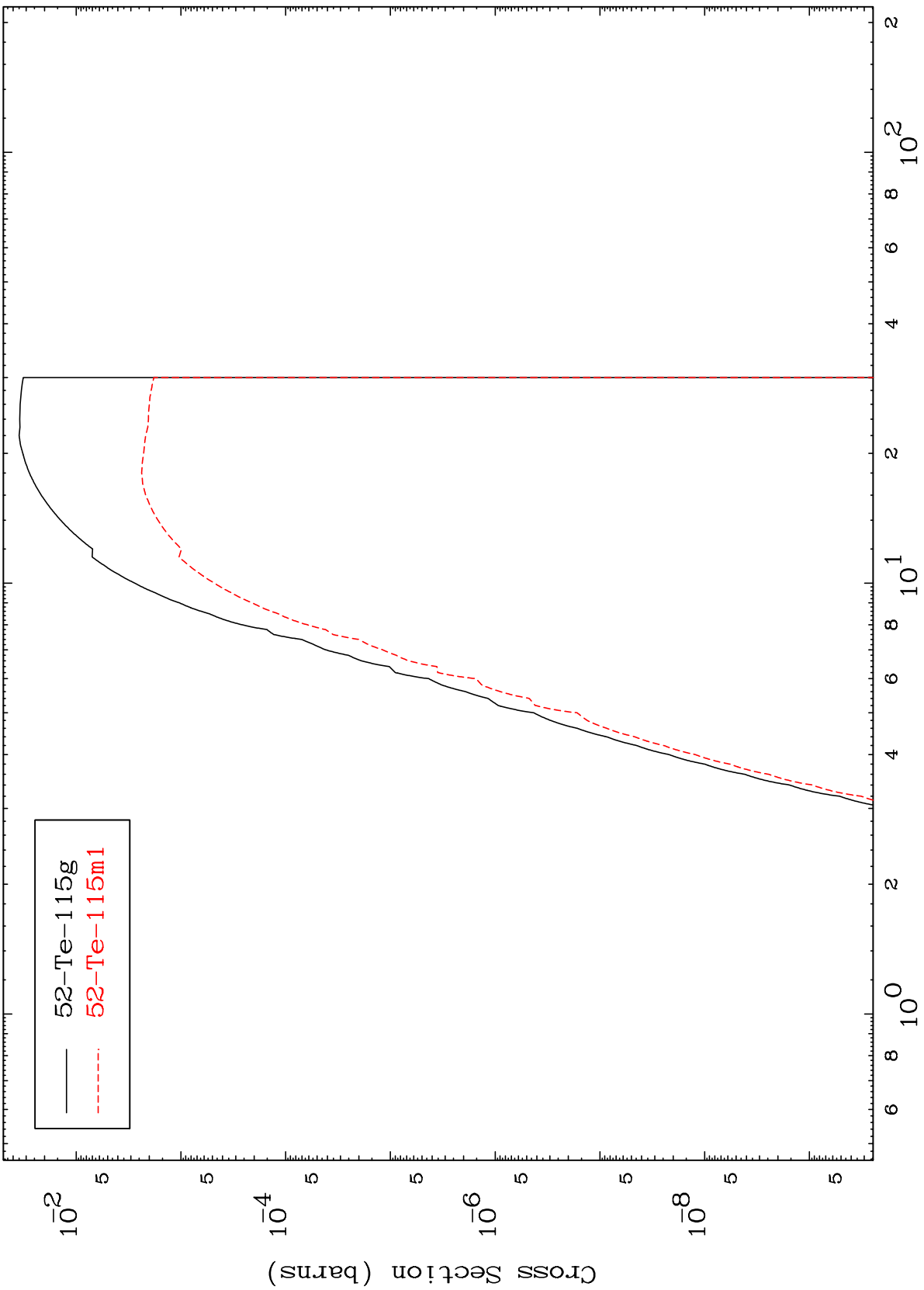
— 49-In-107g
- - - 49-In-107m1

MAT 5292

(n,d)

53-I -116

Radionuclide Production Cross Section



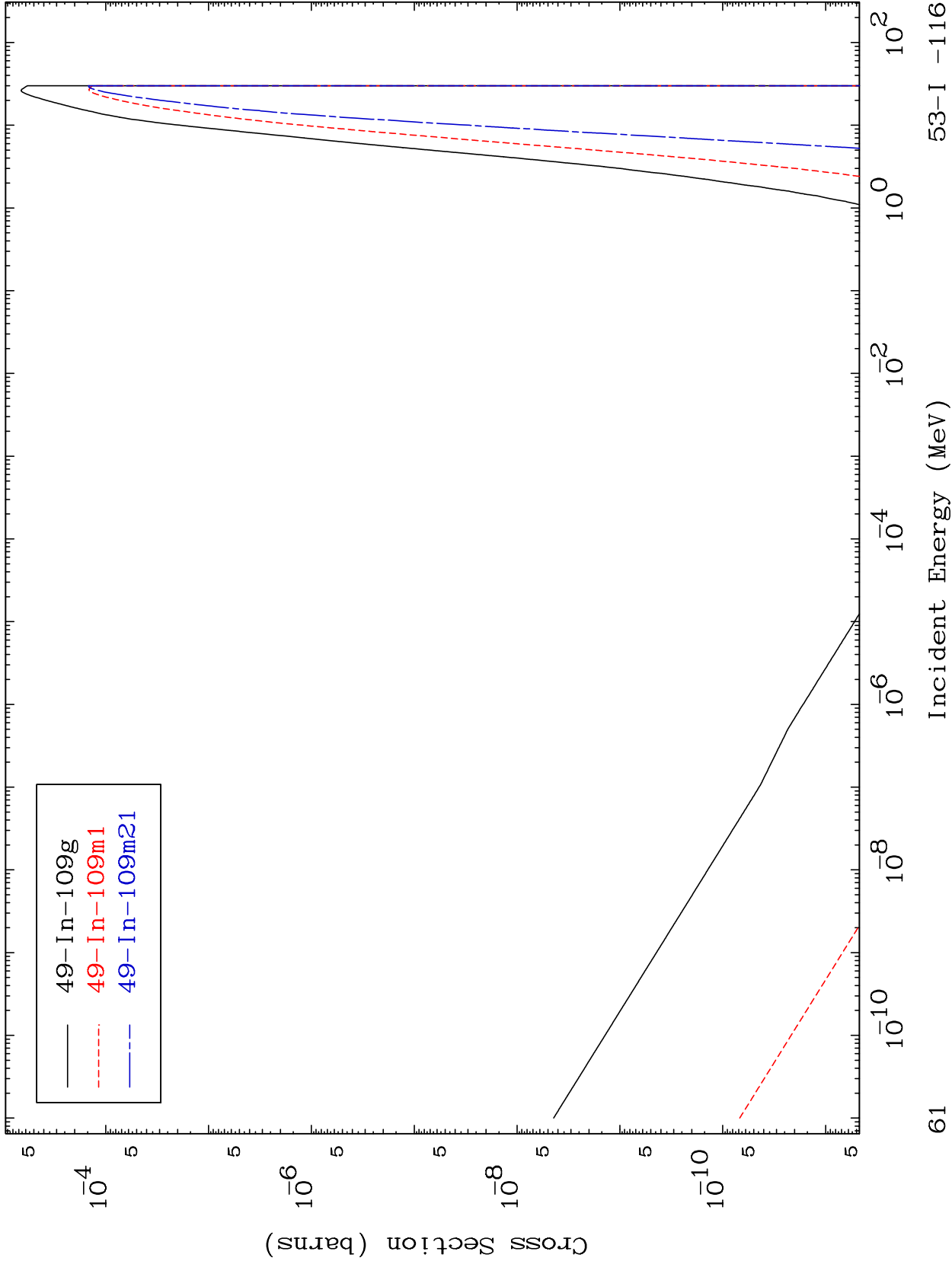
52-Te-115g
52-Te-115m1

60

Incident Energy (MeV)

53-I -116

Radionuclide Production Cross Section

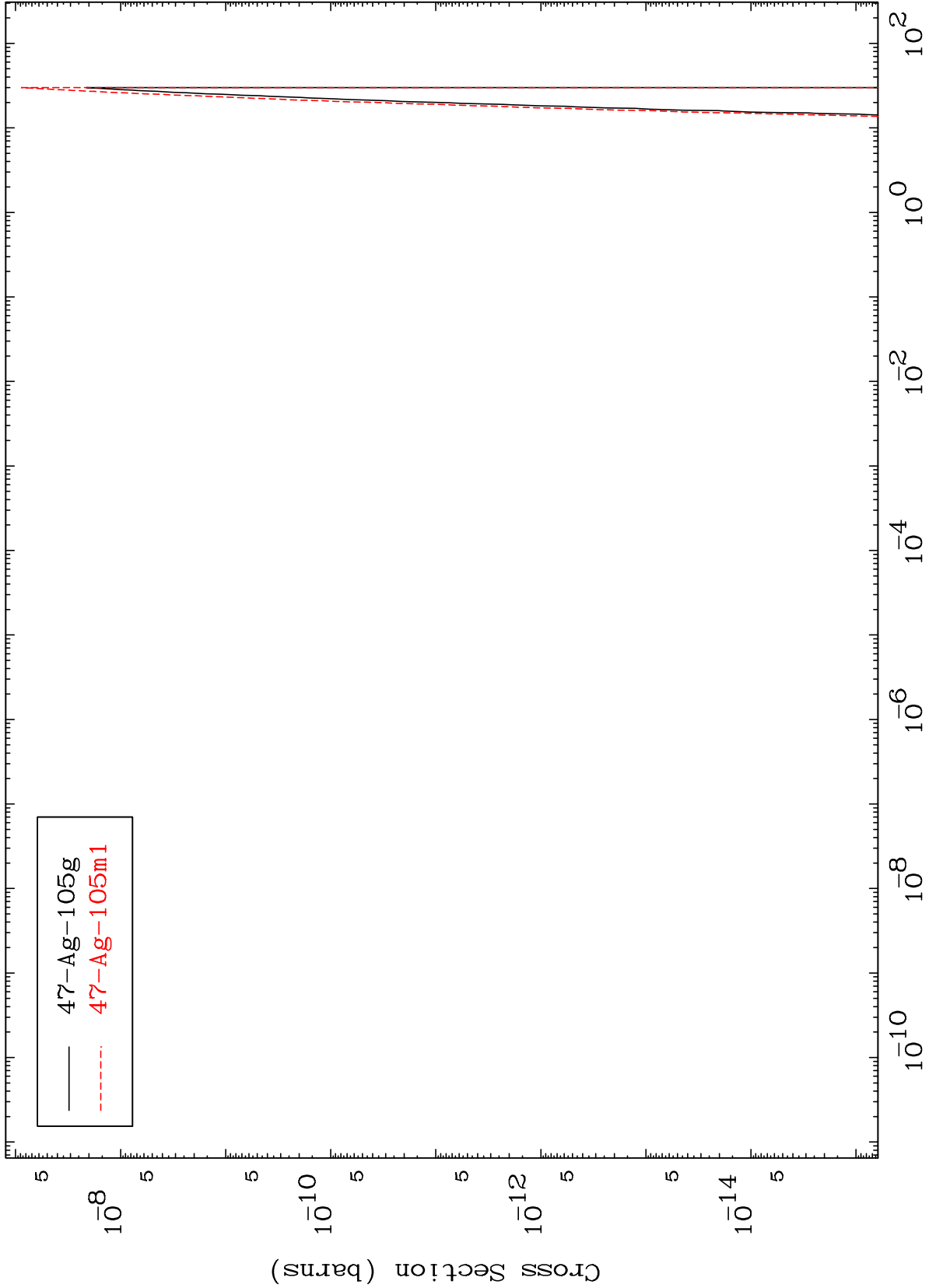


MAT 5292

(n,3 α)

53-I -116

Radionuclide Production Cross Section



— 47-Ag-105g
- - - 47-Ag-105m1