

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

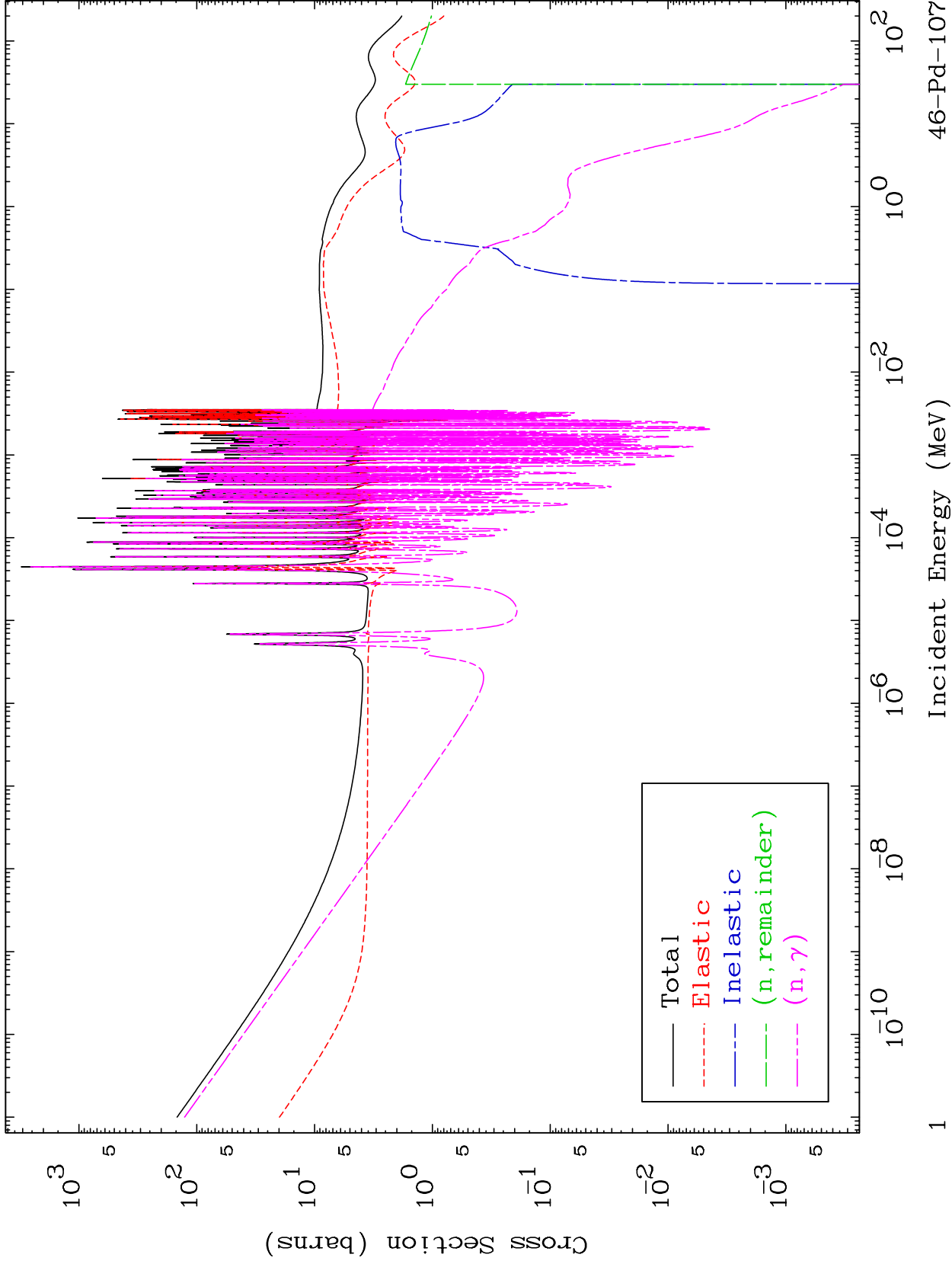
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4640

Major  
293 Kelvin Cross Sections

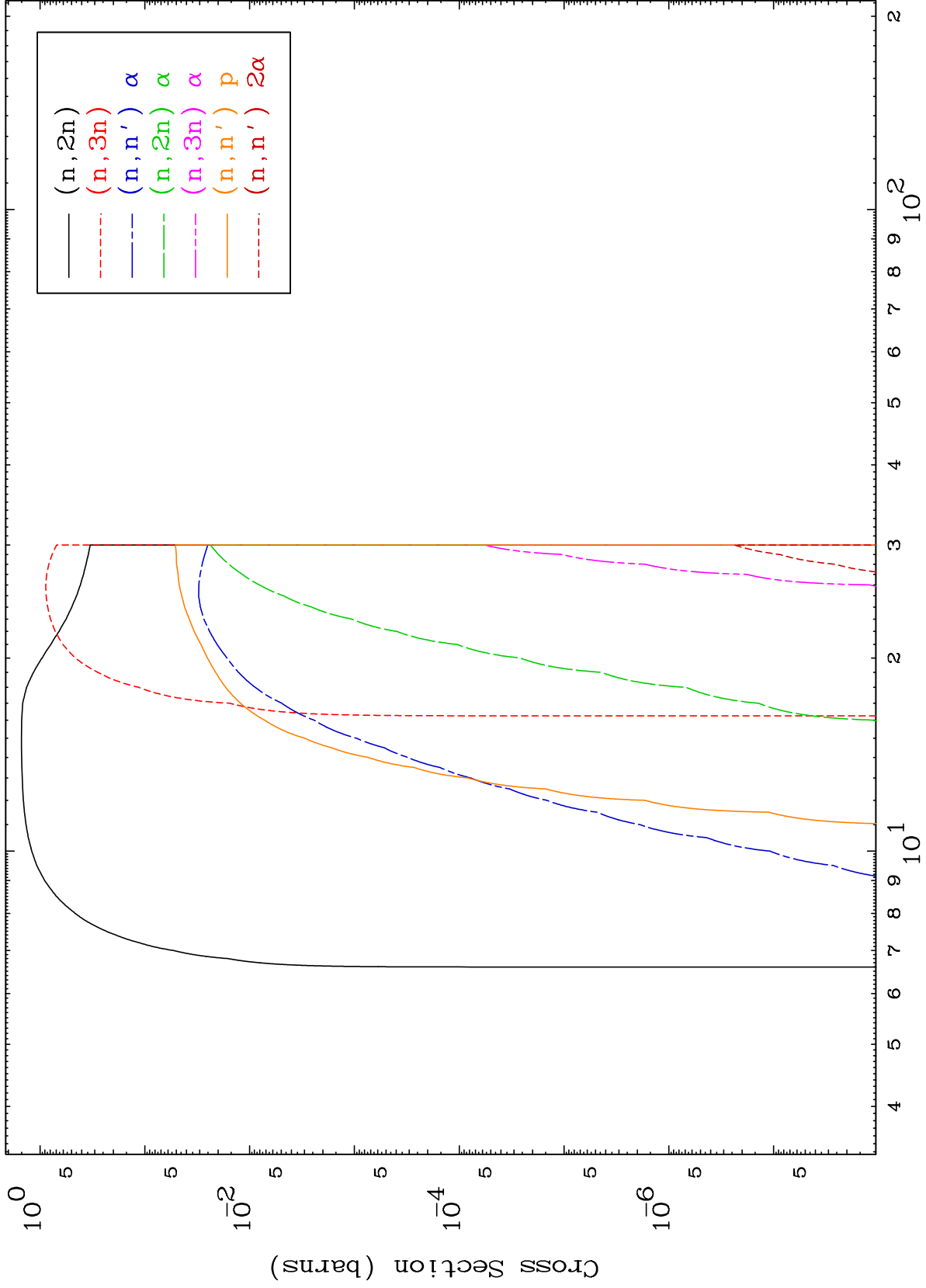
46-Pd-107

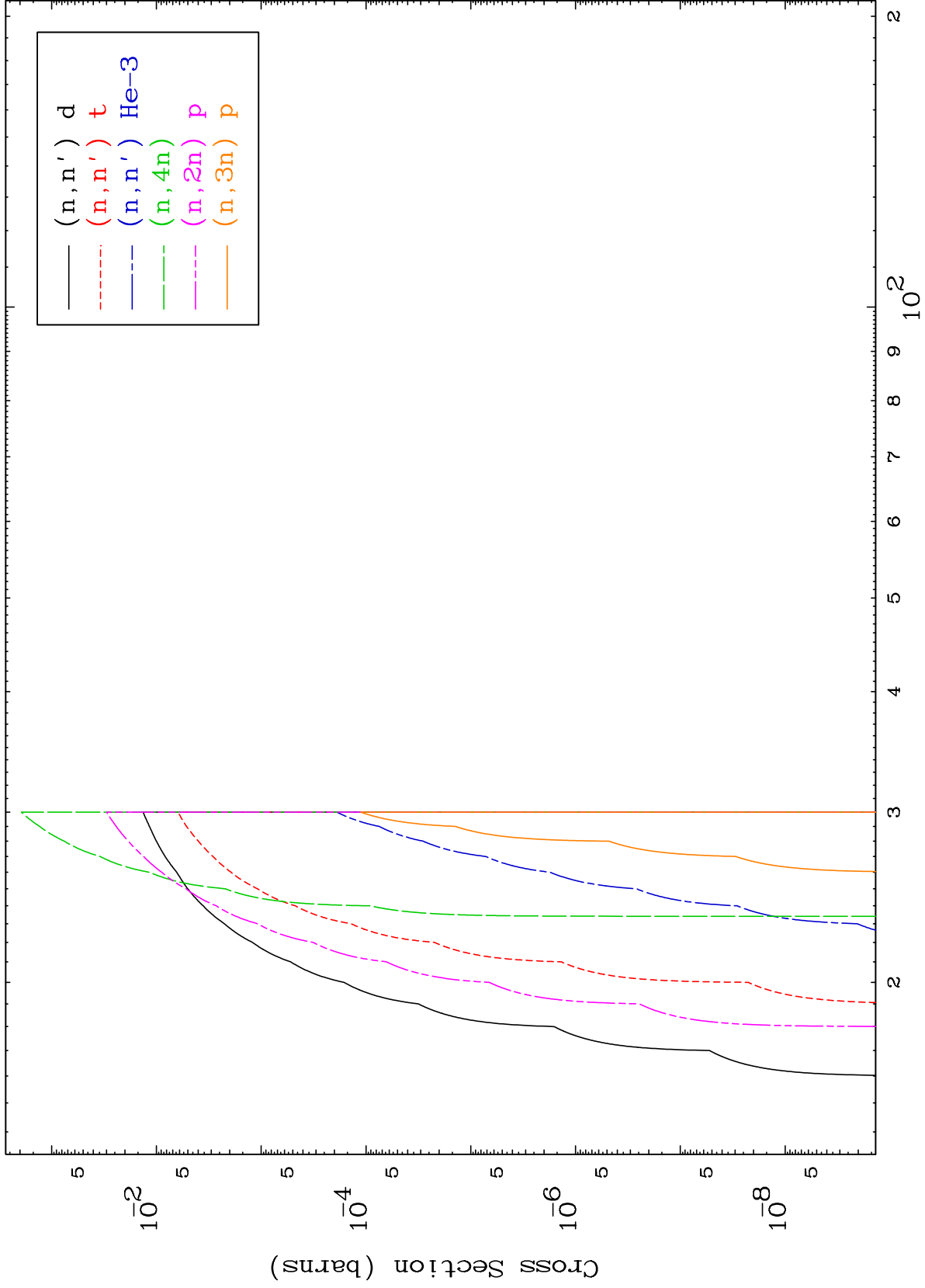


MAT 4640

### Neutron Production 293 Kelvin Cross Sections

46-Pd-107

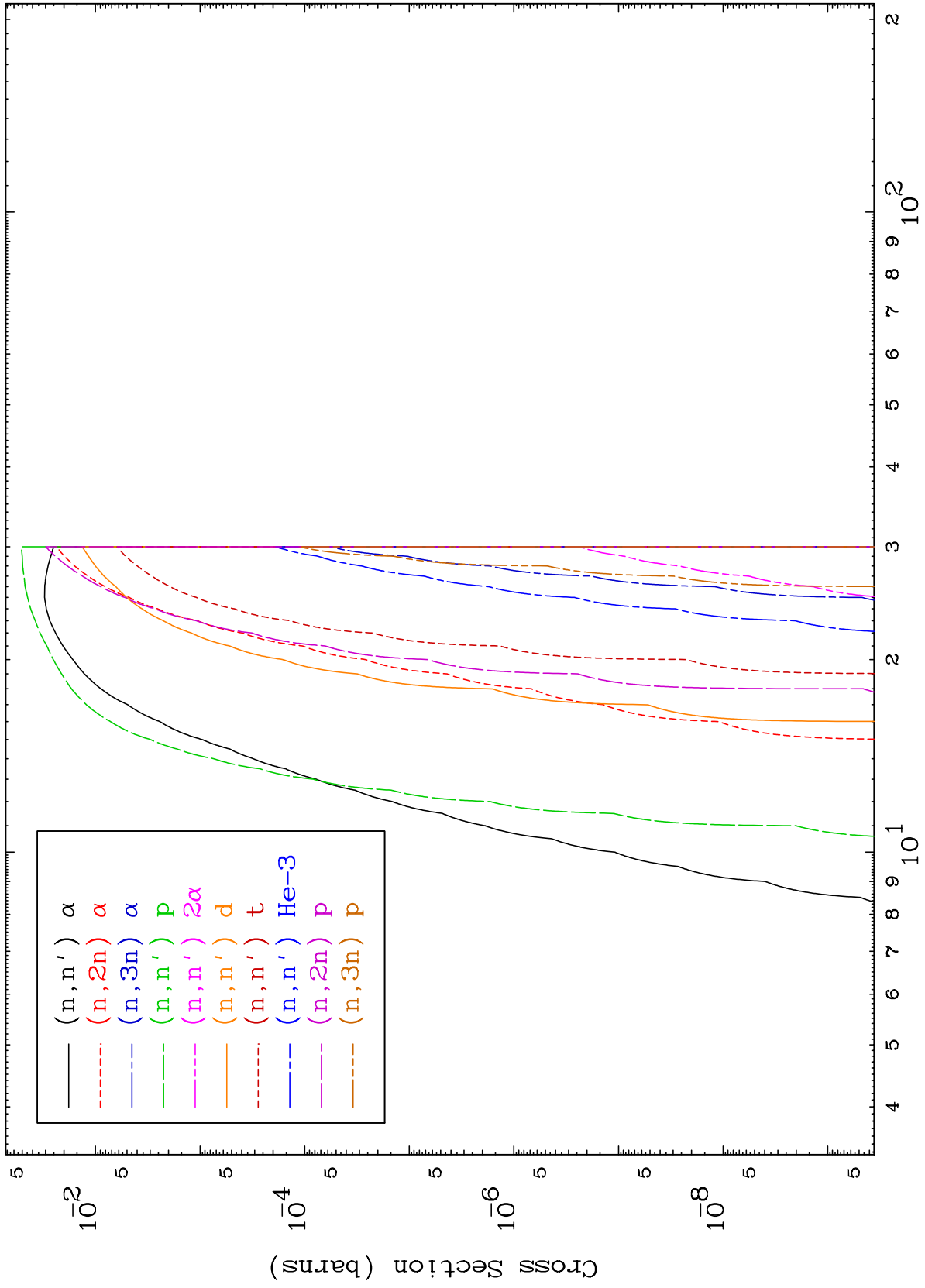




MAT 4640

Charged Particle  
293 Kelvin Cross Sections

46-Pd-107

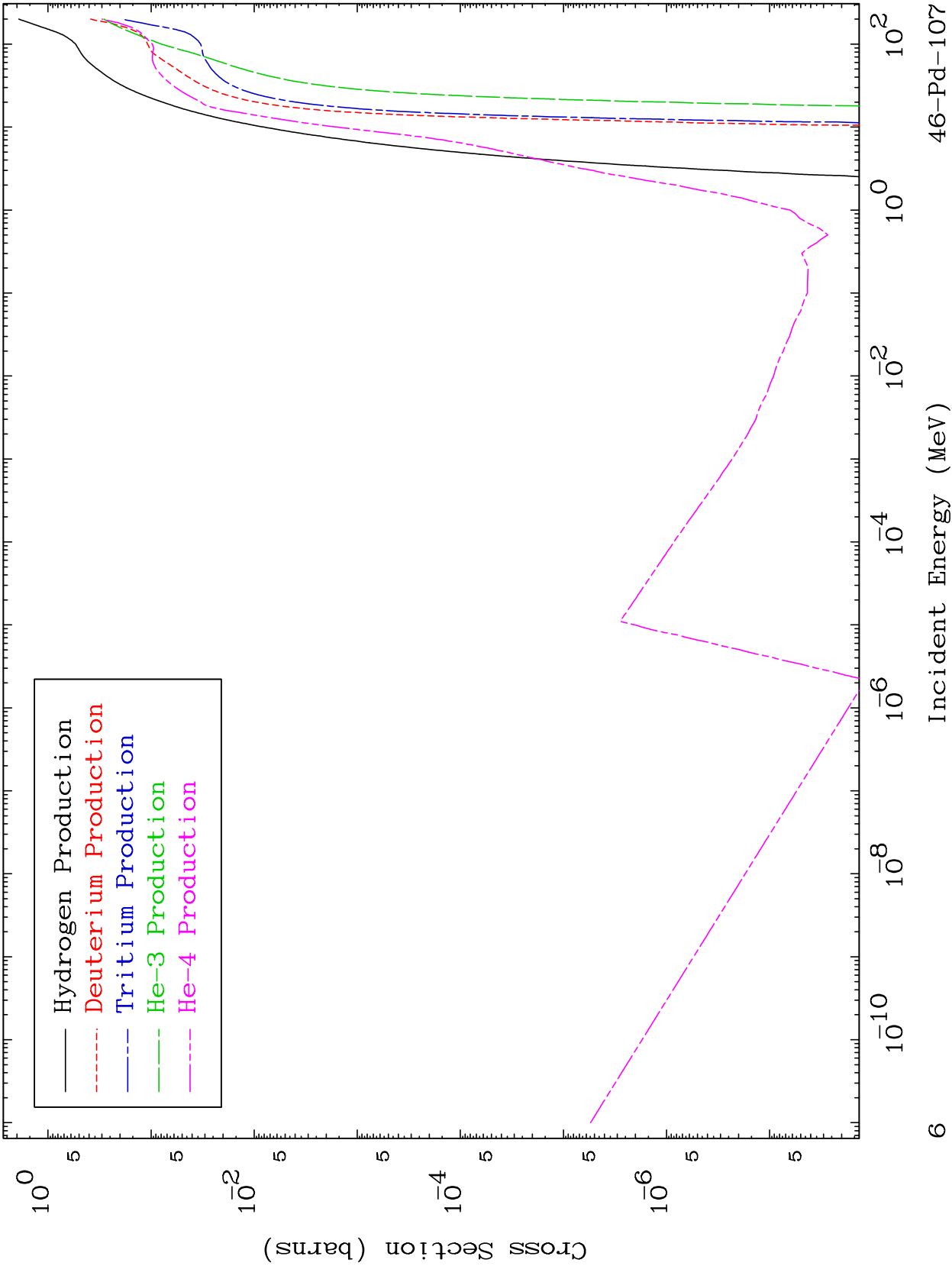




MAT 4640

Particle Production  
293 Kelvin Cross Sections

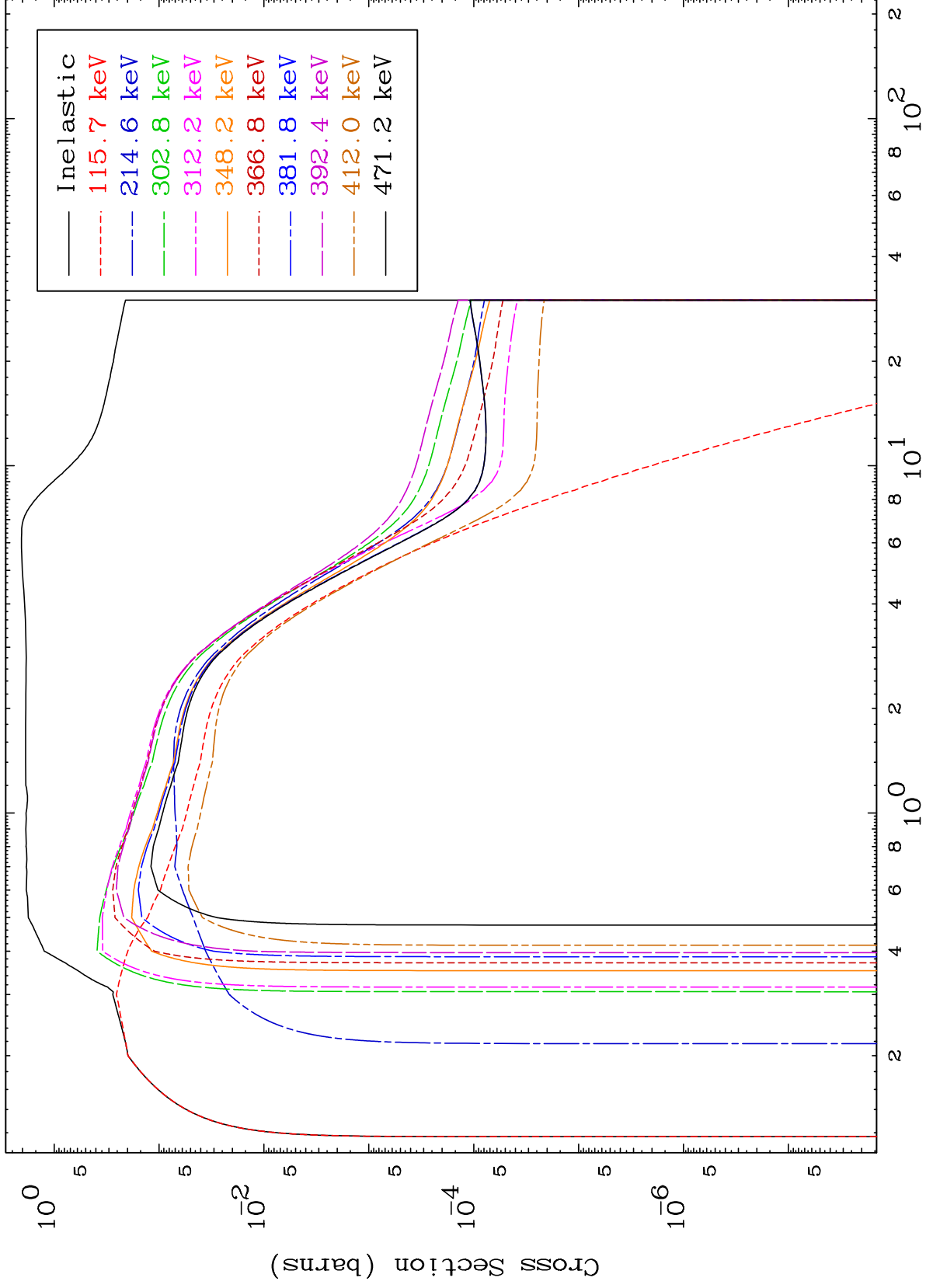
46-Pd-107



MAT 4640

(n,n') Level  
293 Kelvin Cross Sections

46-Pd-107

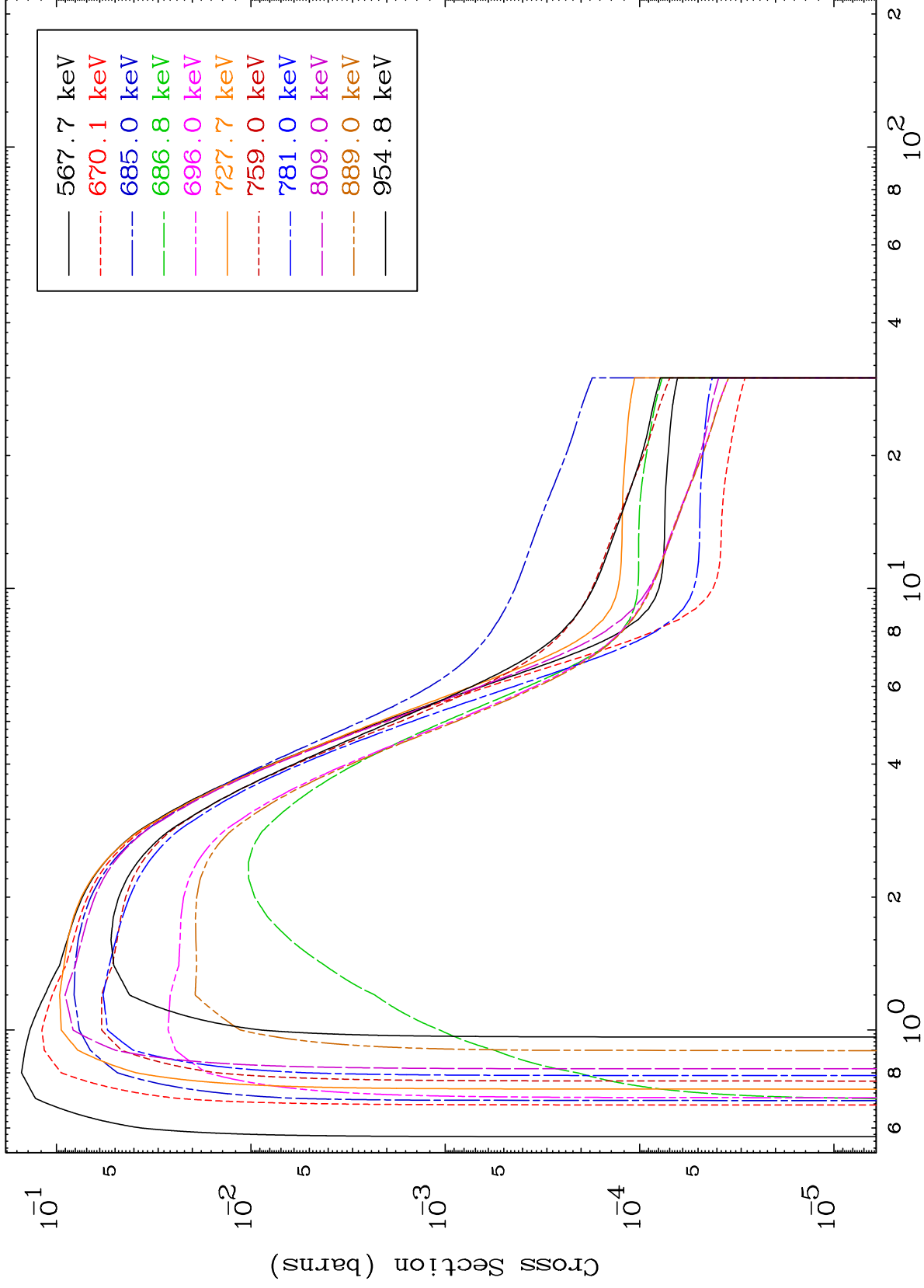




MAT 4640

(n,n') Level  
293 Kelvin Cross Sections

46-Pd-107



8

Incident Energy (MeV)

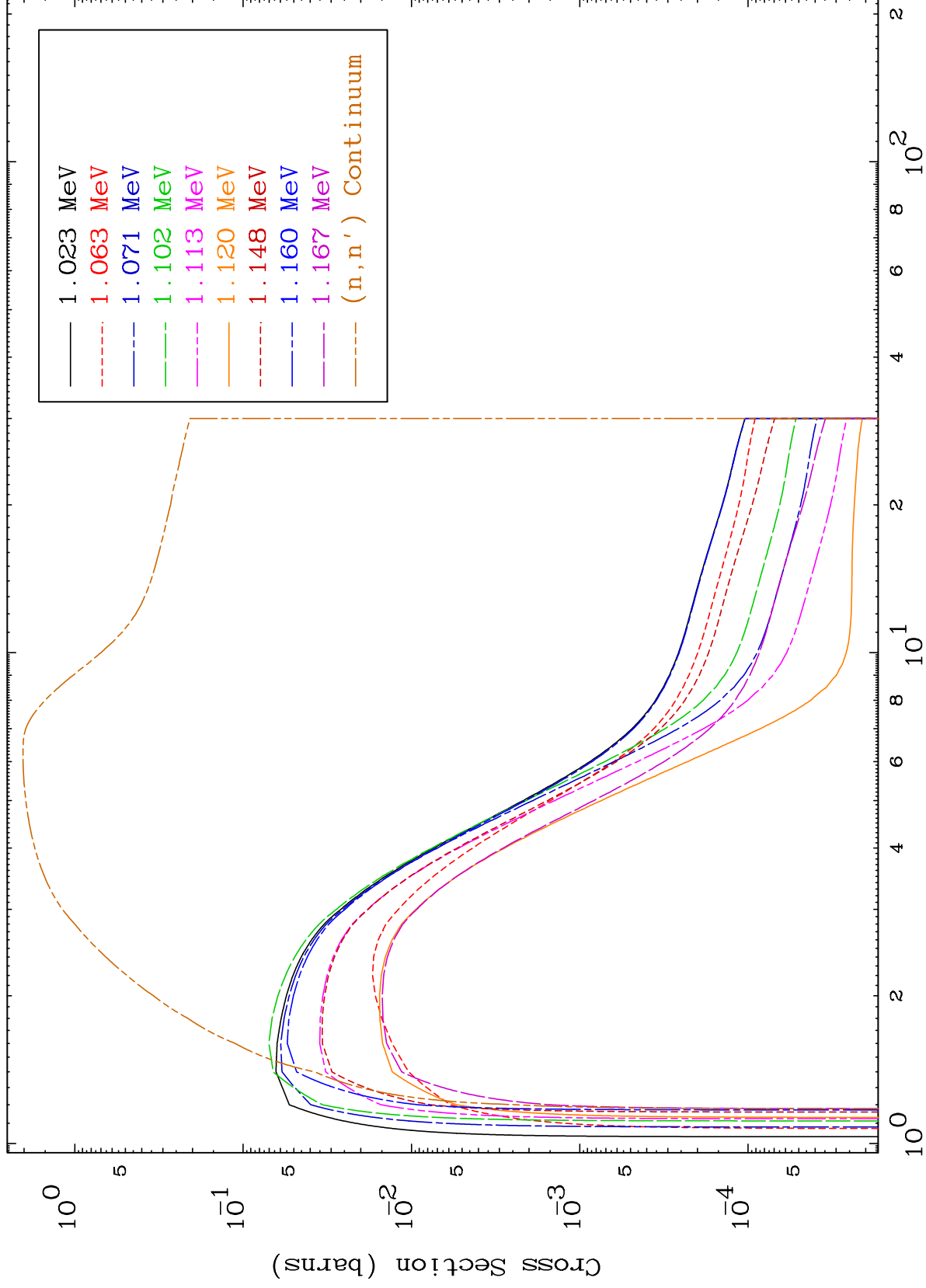
46-Pd-107

MAT 4640

(n,n') Level

46-Pd-107

293 Kelvin Cross Sections



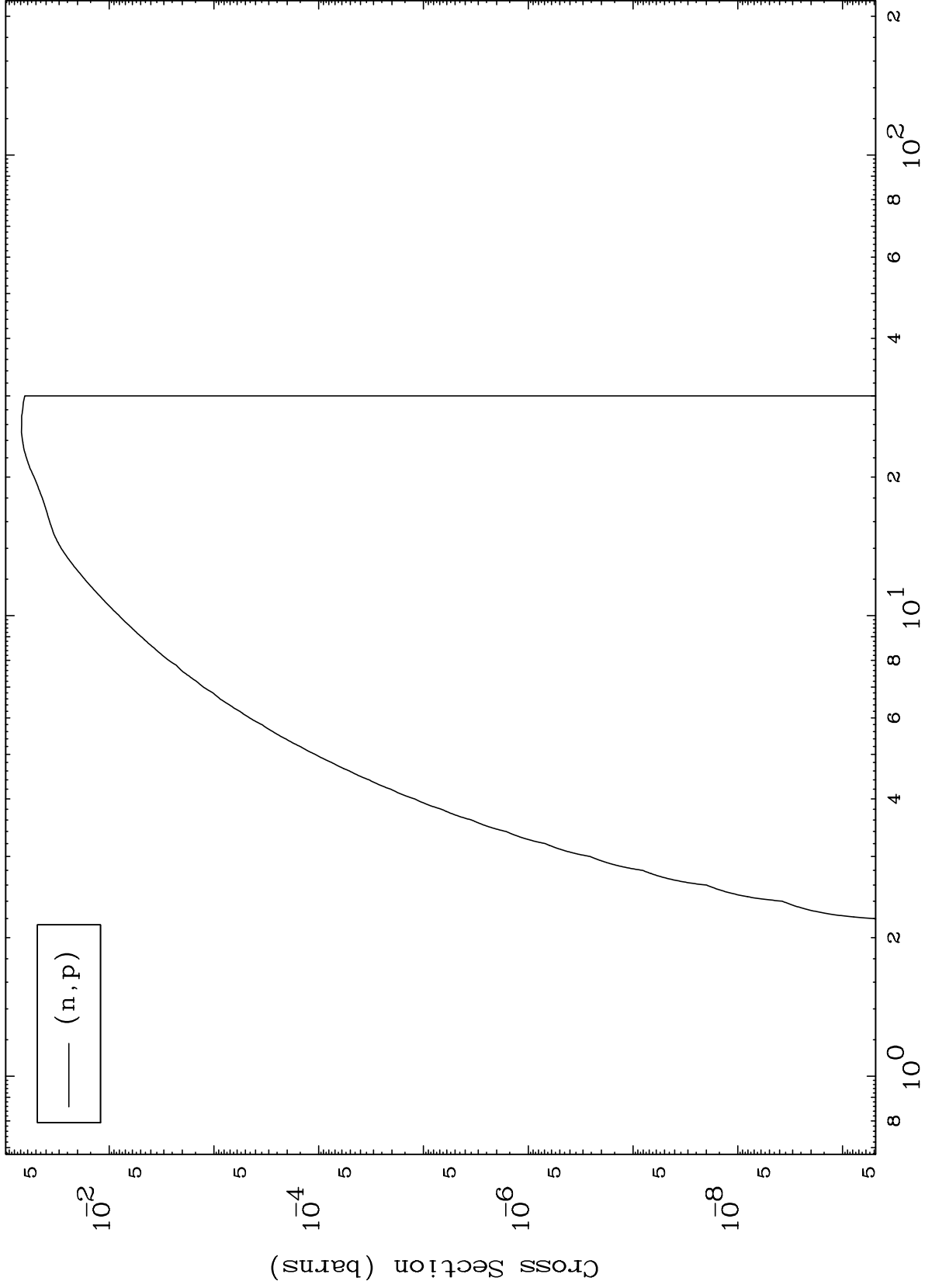
Incident Energy (MeV)

46-Pd-107

MAT 4640

(n,p) Levels  
293 Kelvin Cross Sections

46-Pd-107



10

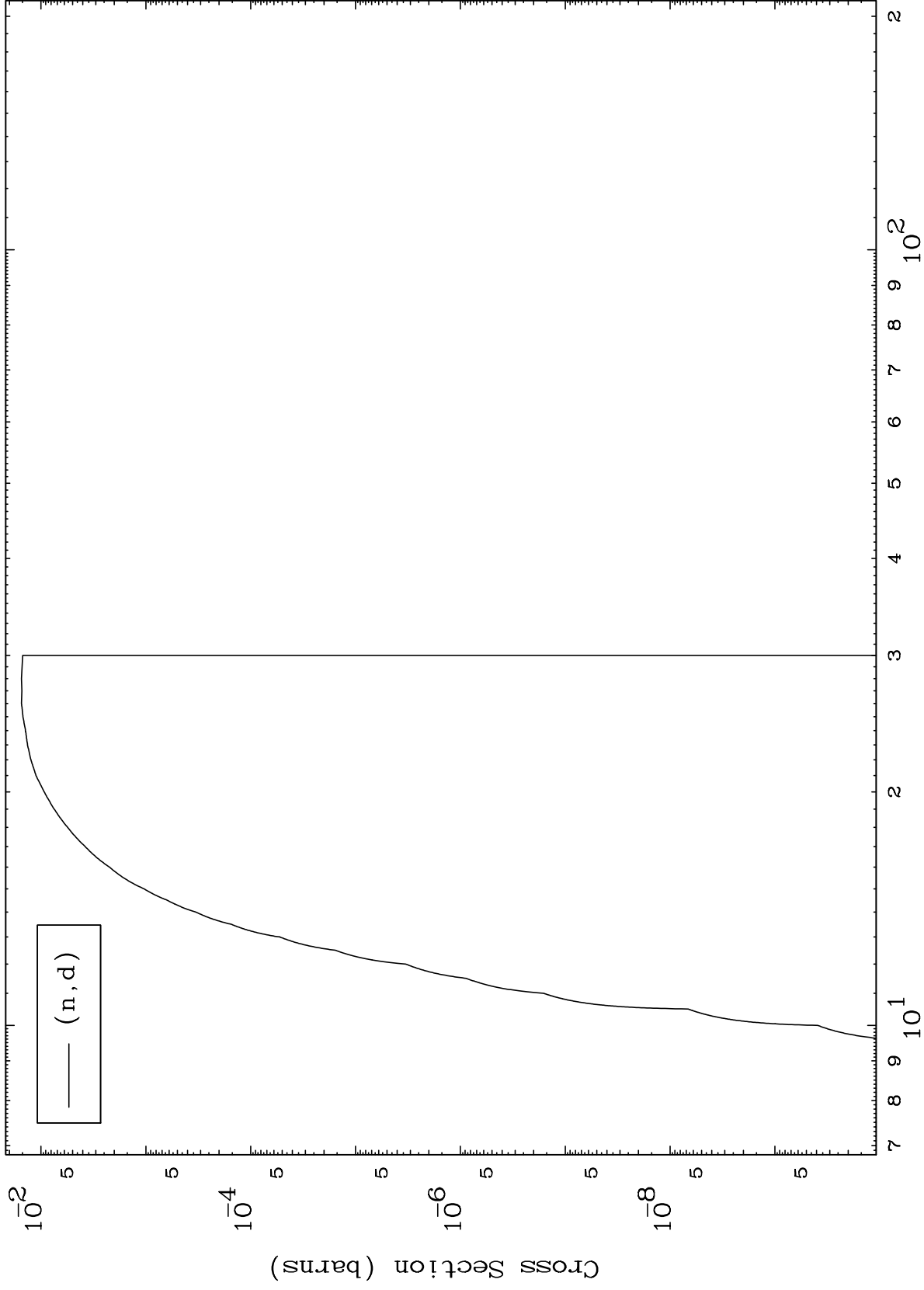
Incident Energy (MeV)

46-Pd-107

MAT 4640

(n,d) Levels  
293 Kelvin Cross Sections

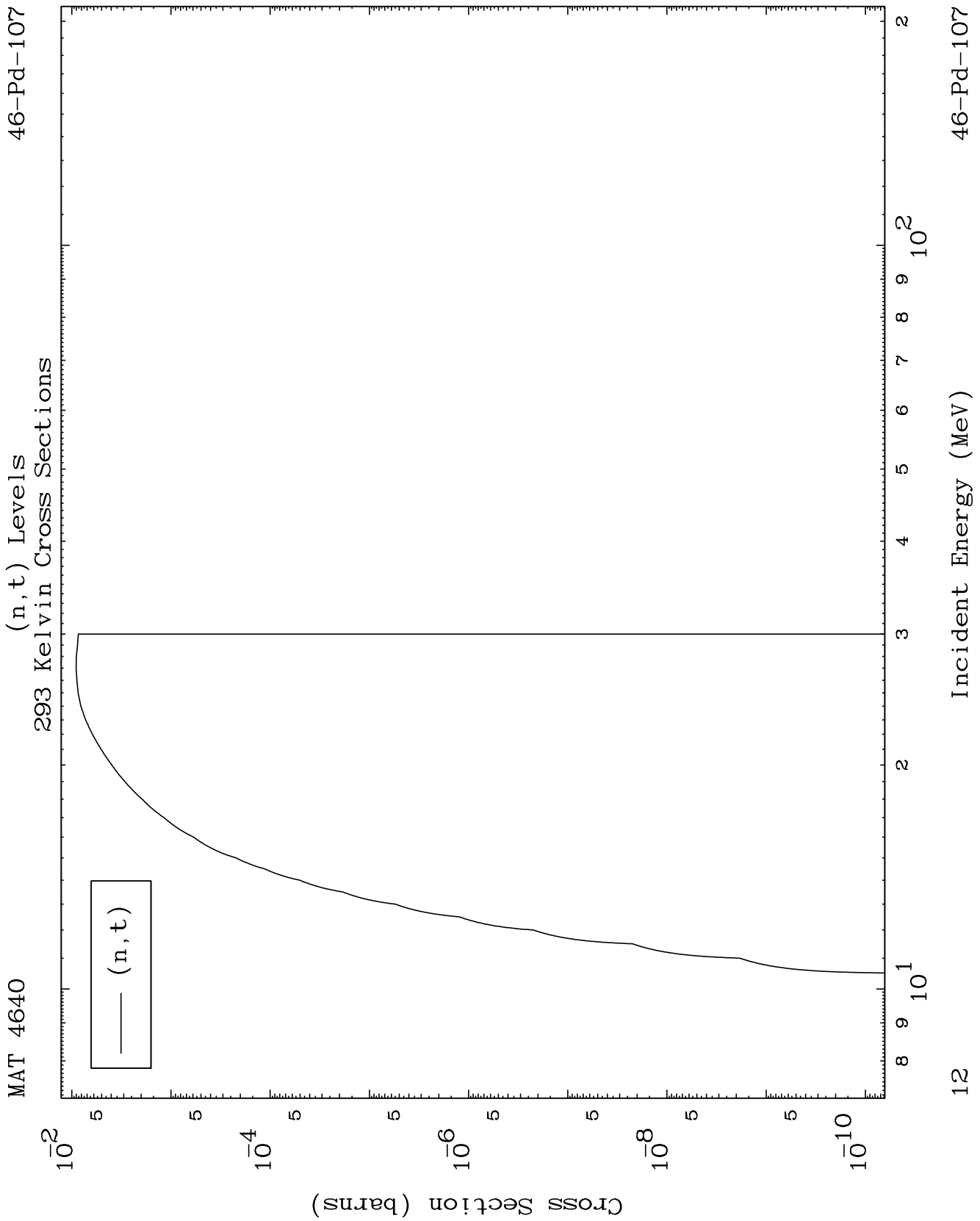
46-Pd-107



11

Incident Energy (MeV)

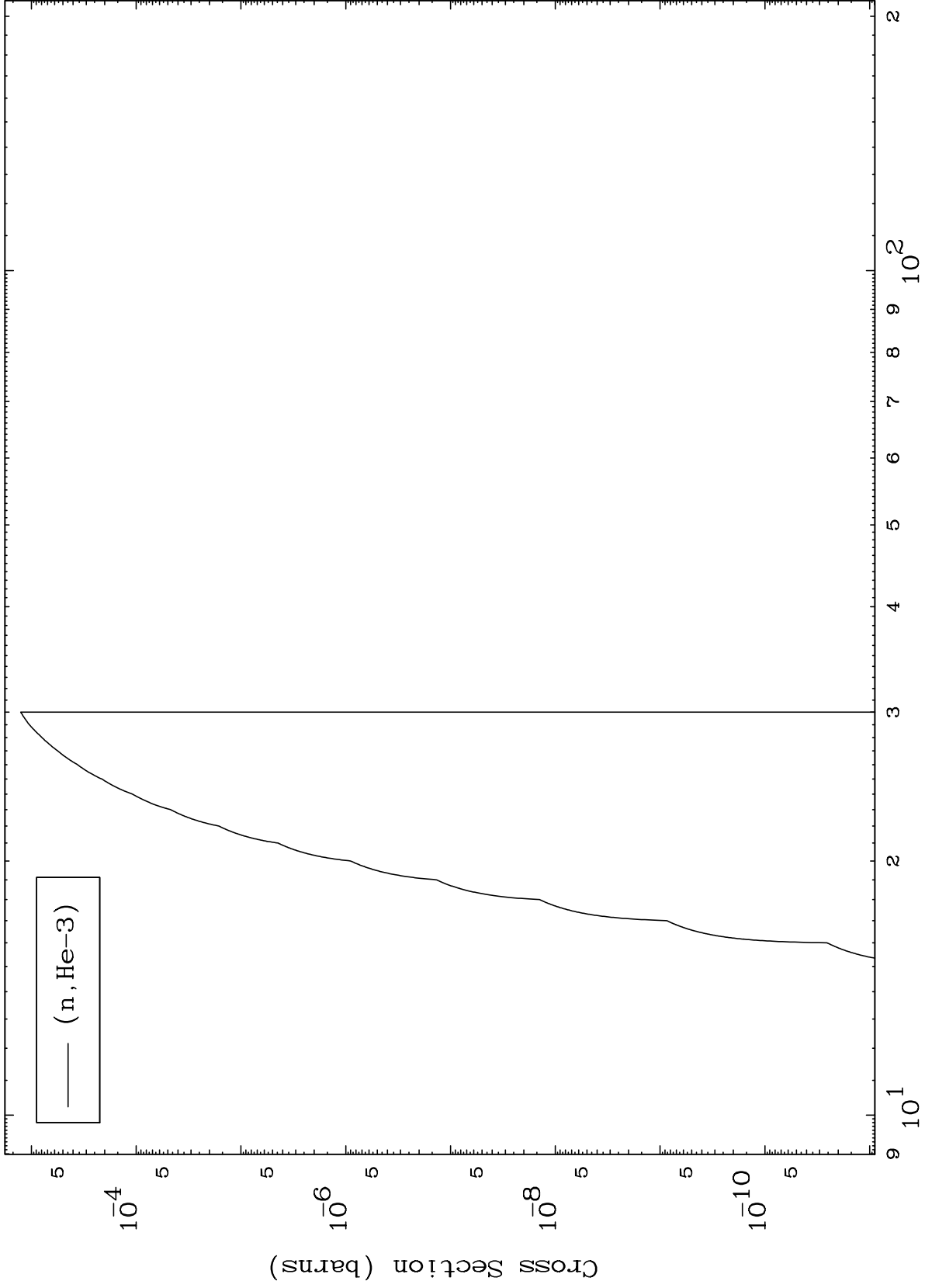
46-Pd-107



MAT 4640

(n,He3) Levels  
293 Kelvin Cross Sections

46-Pd-107



13

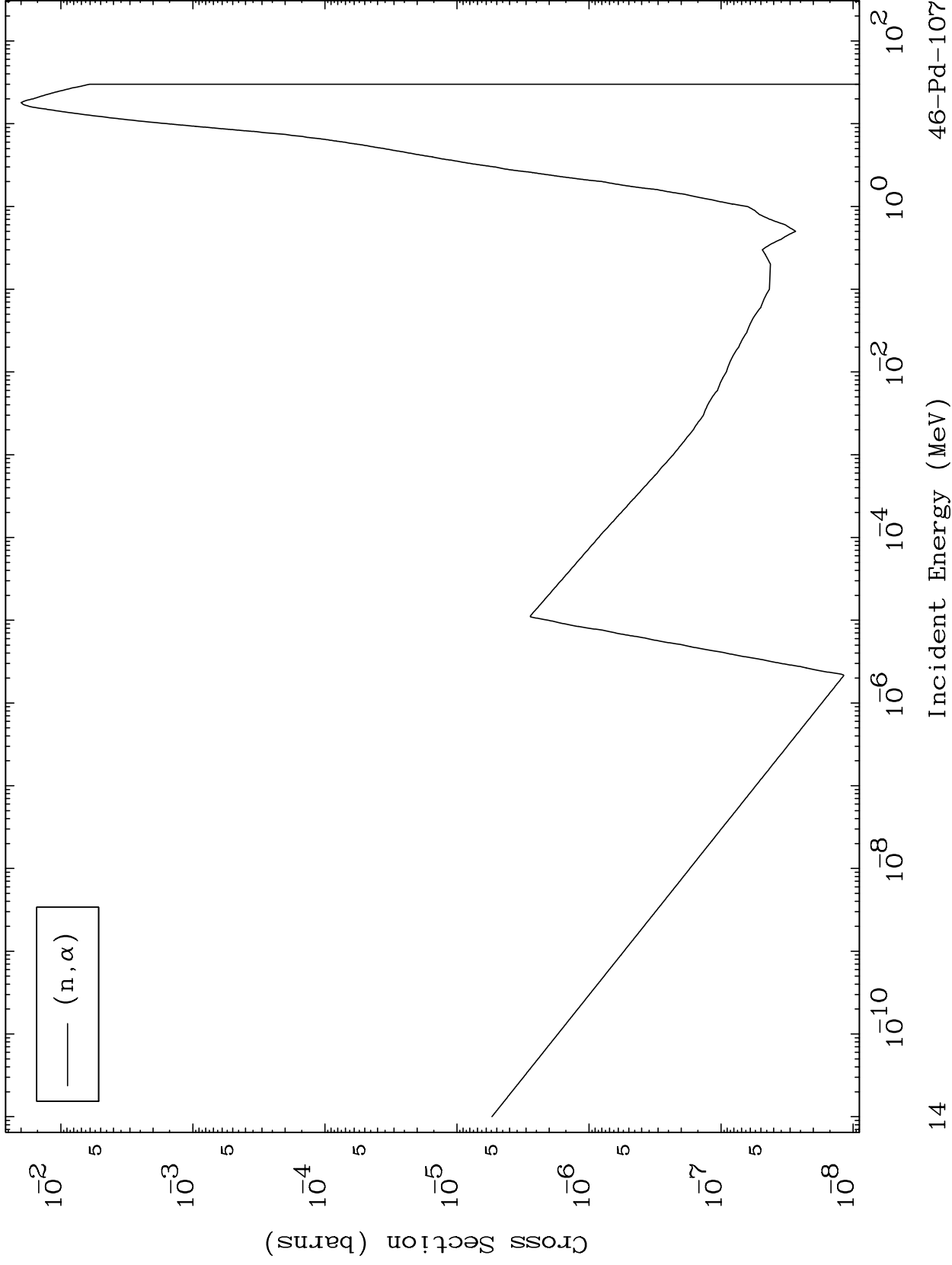
Incident Energy (MeV)

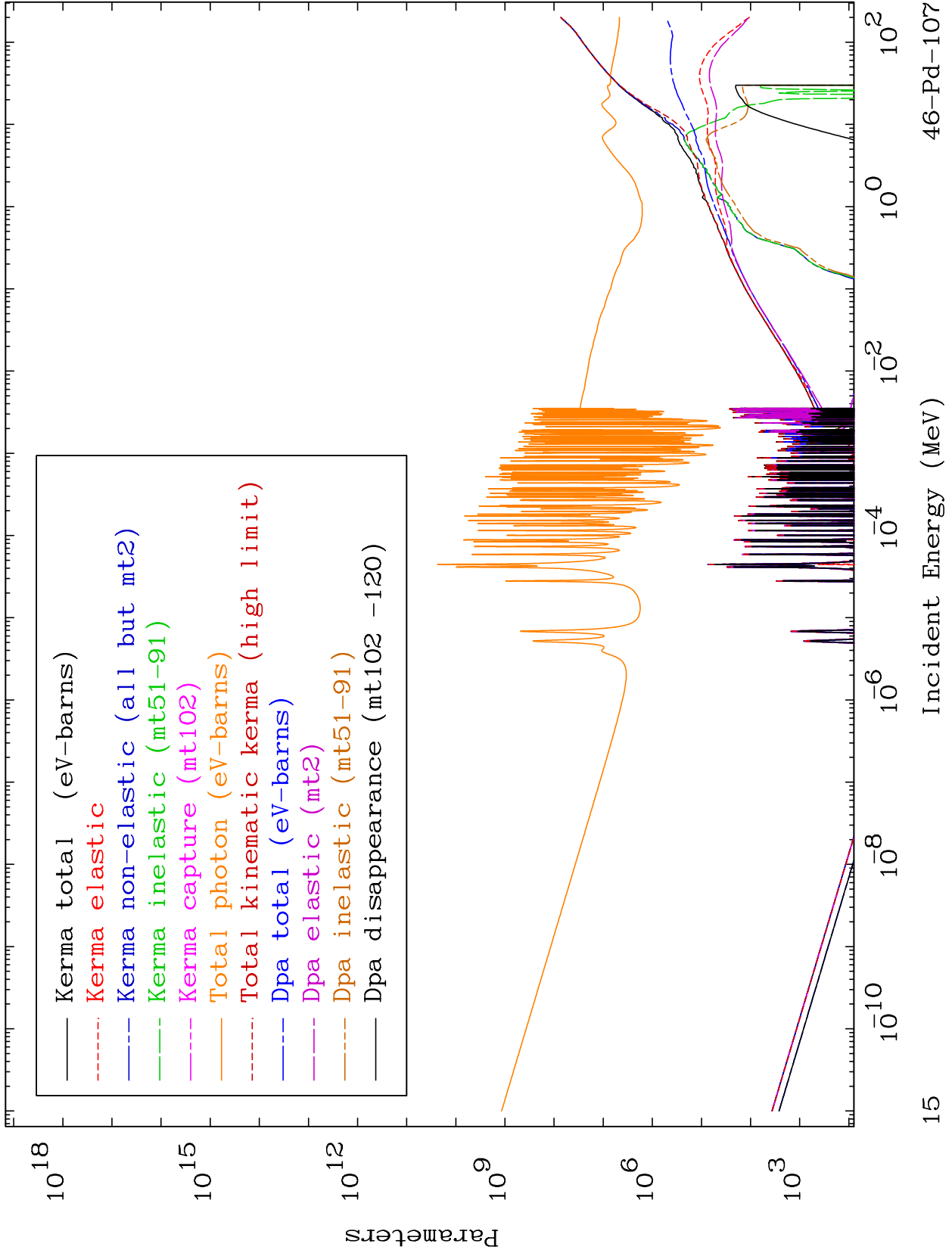
46-Pd-107

MAT 4640

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

46-Pd-107



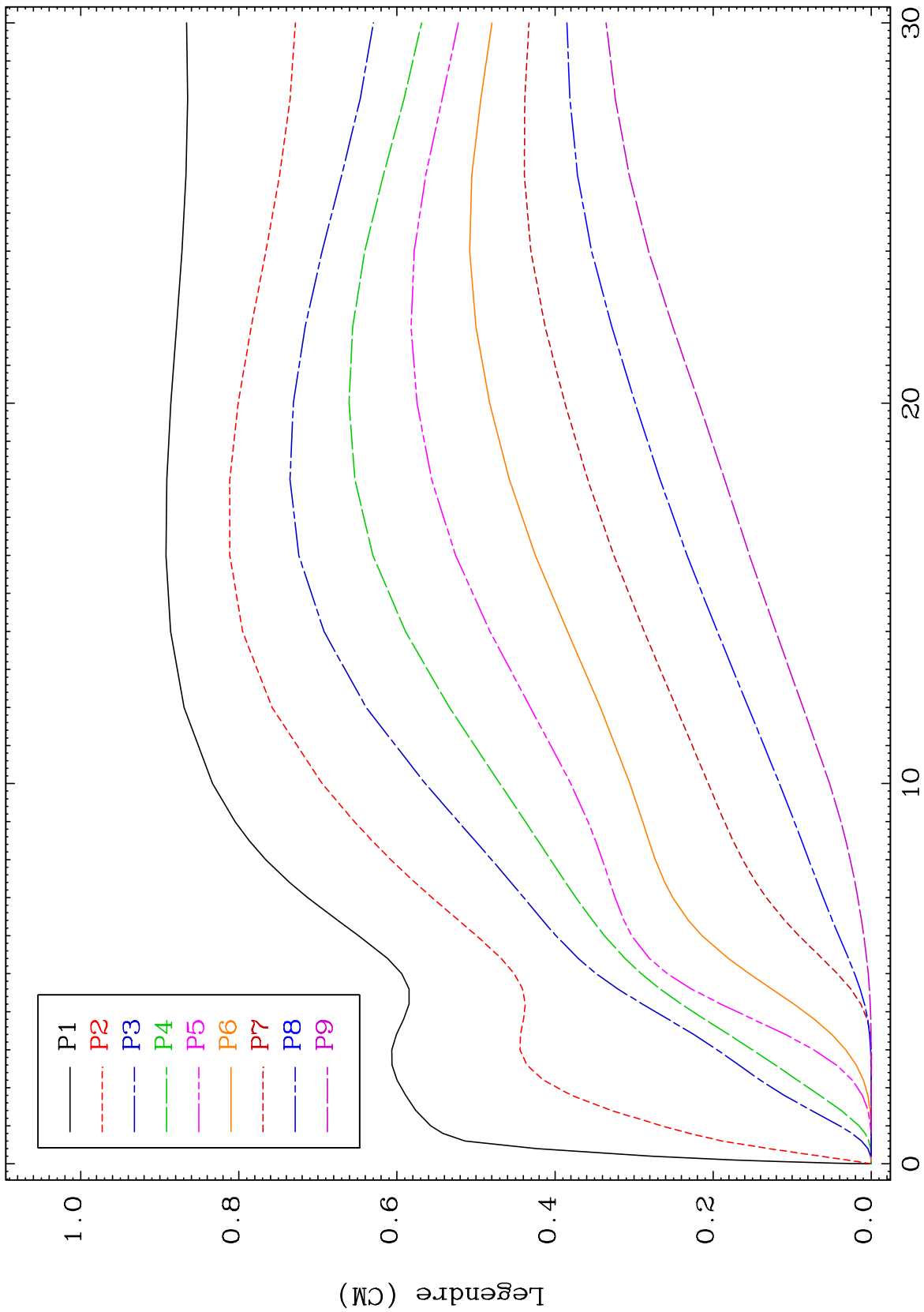




MAT 4640

Elastic Legendre Coefficients

46-Pd-107



16

Incident Energy (MeV)

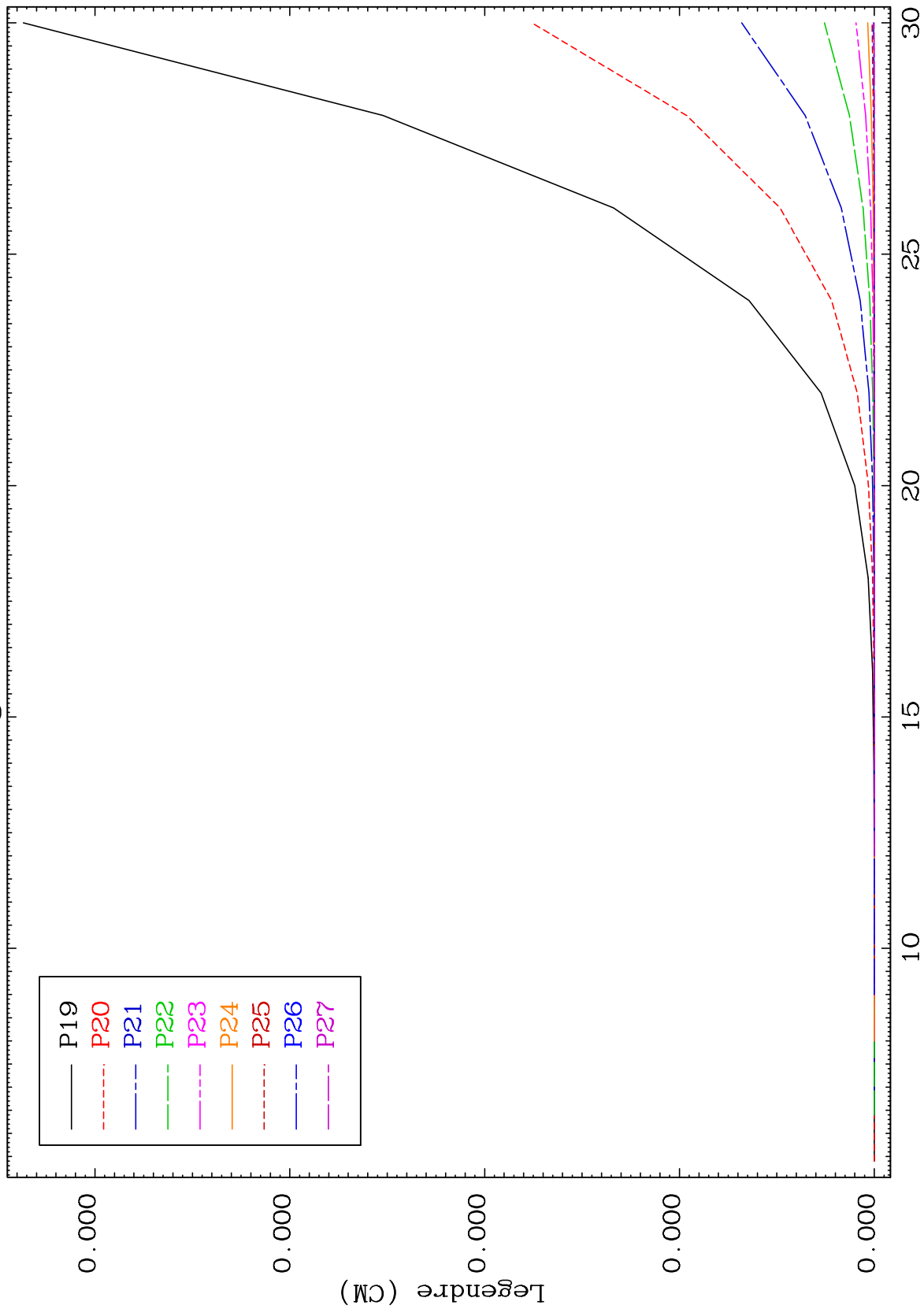
46-Pd-107



MAT 4640

Elastic  
Legendre Coefficients

46-Pd-107



18

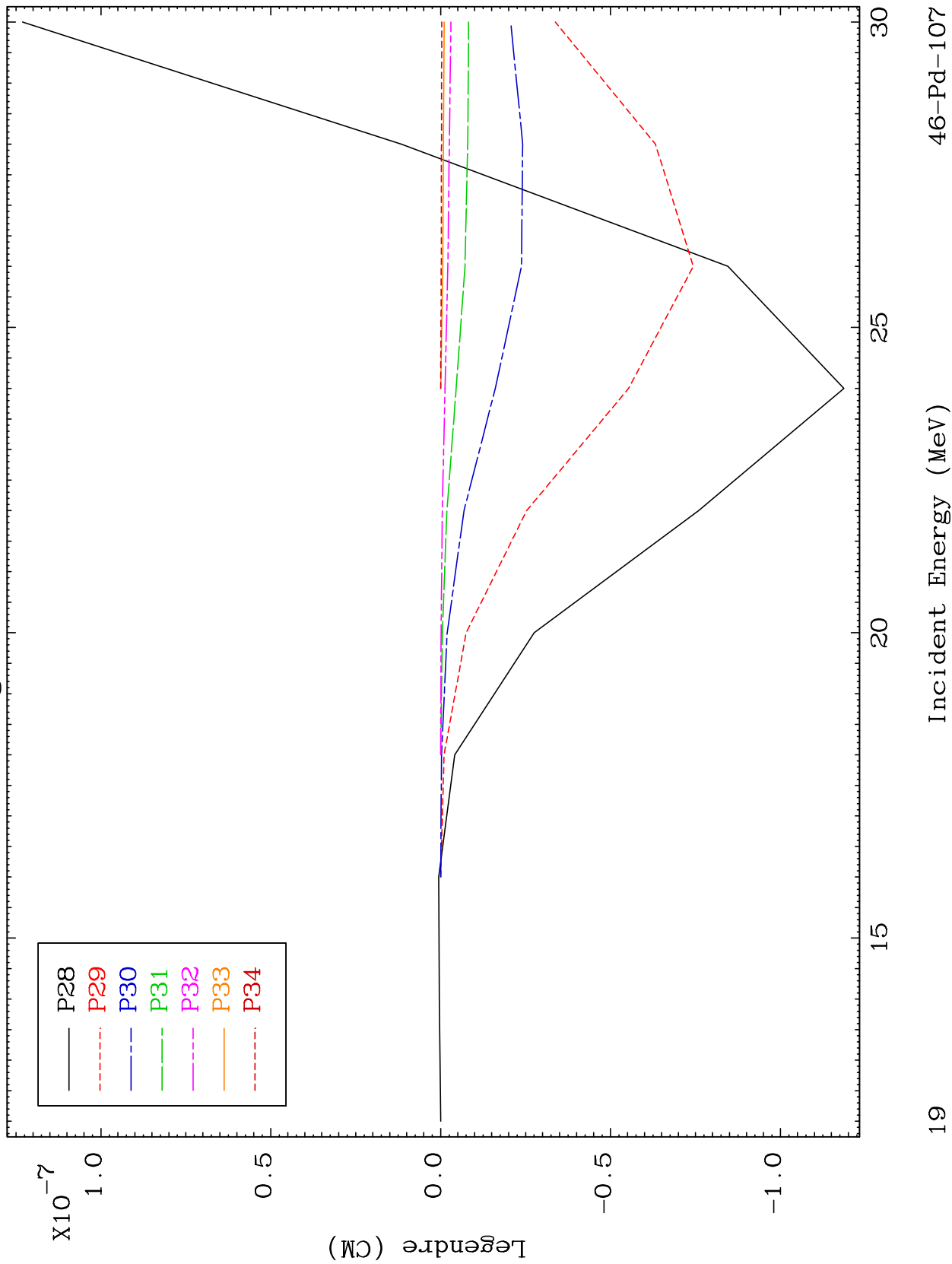
Incident Energy (MeV)

46-Pd-107

MAT 4640

Elastic Legendre Coefficients

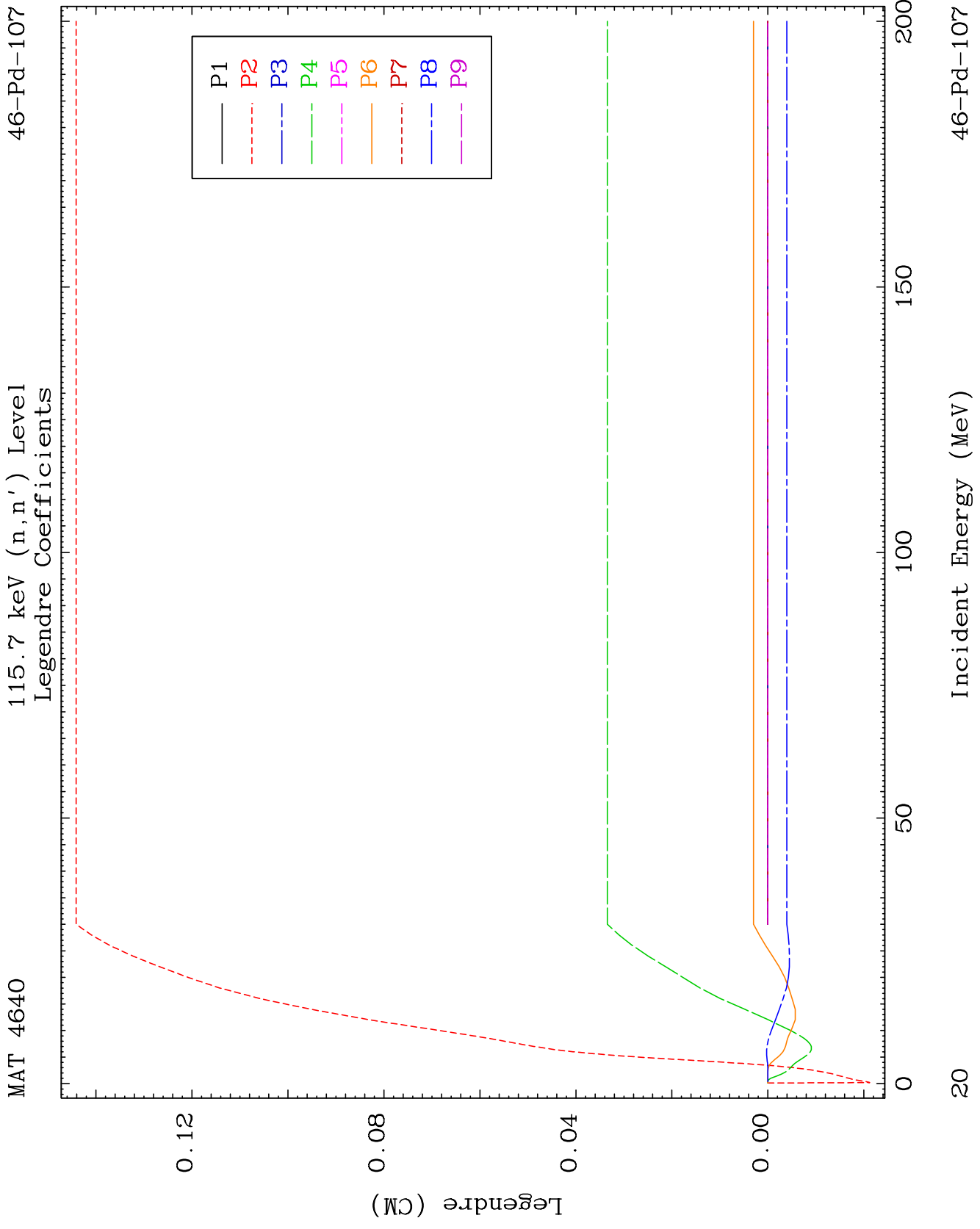
46-Pd-107



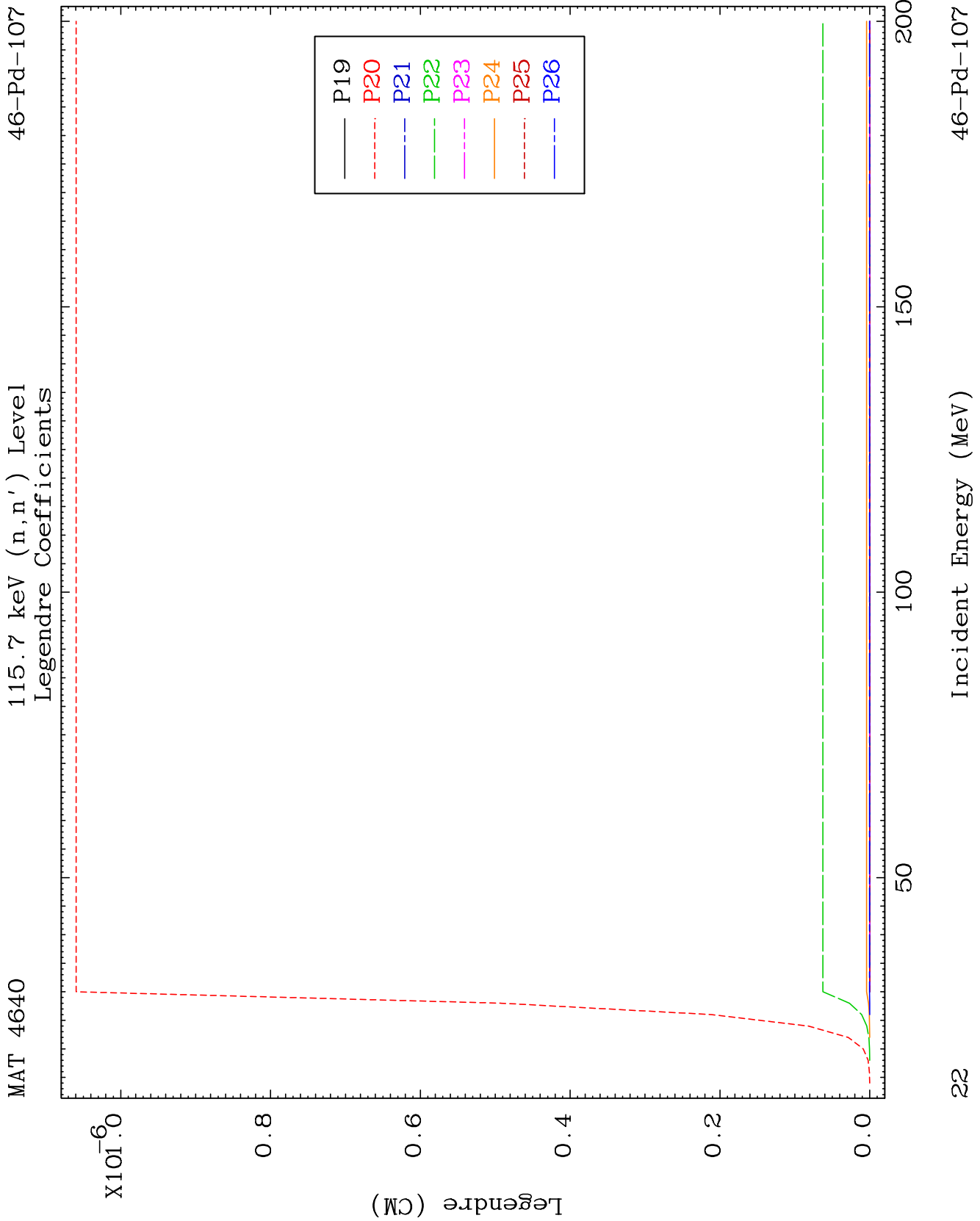
19

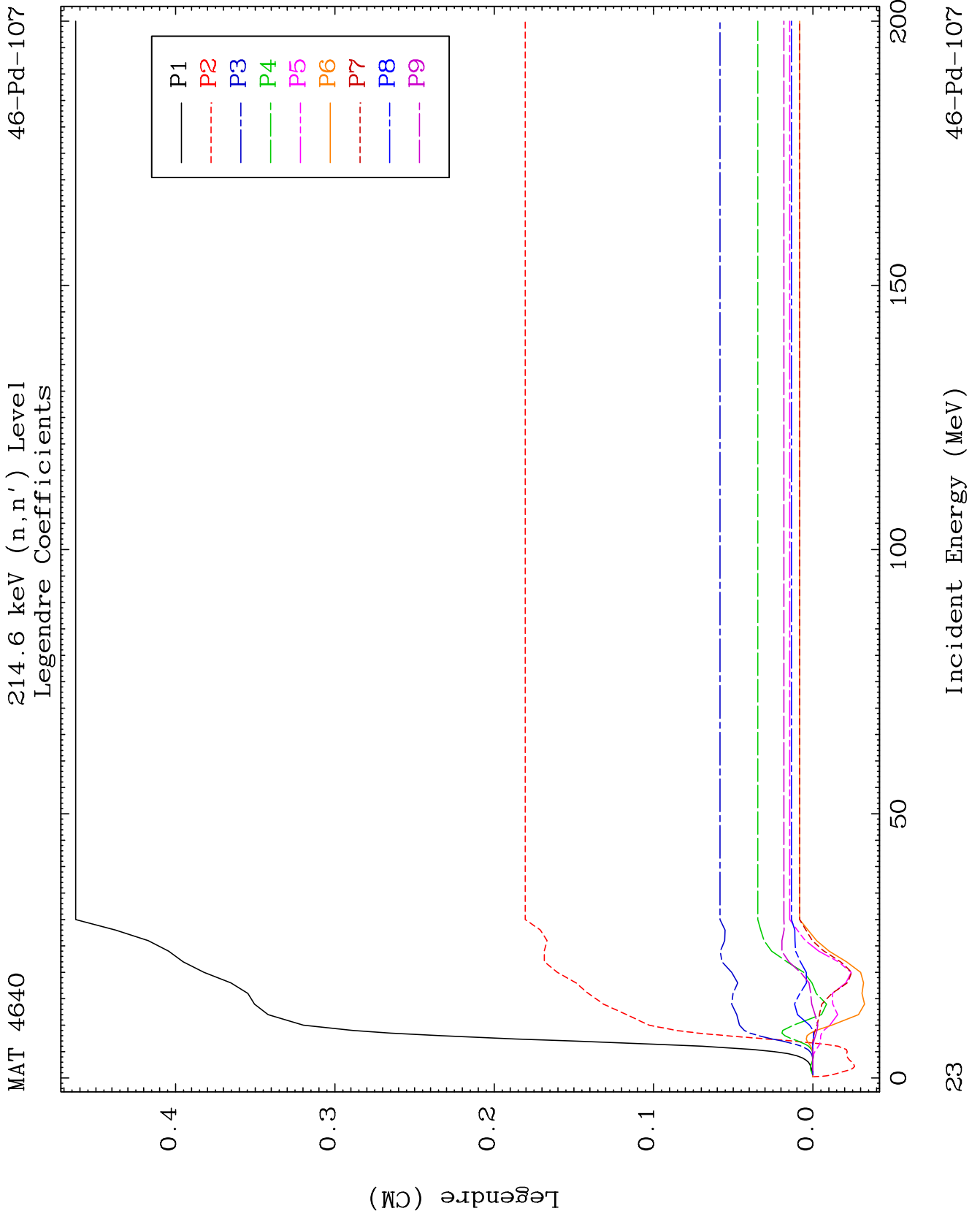
Incident Energy (MeV)

46-Pd-107

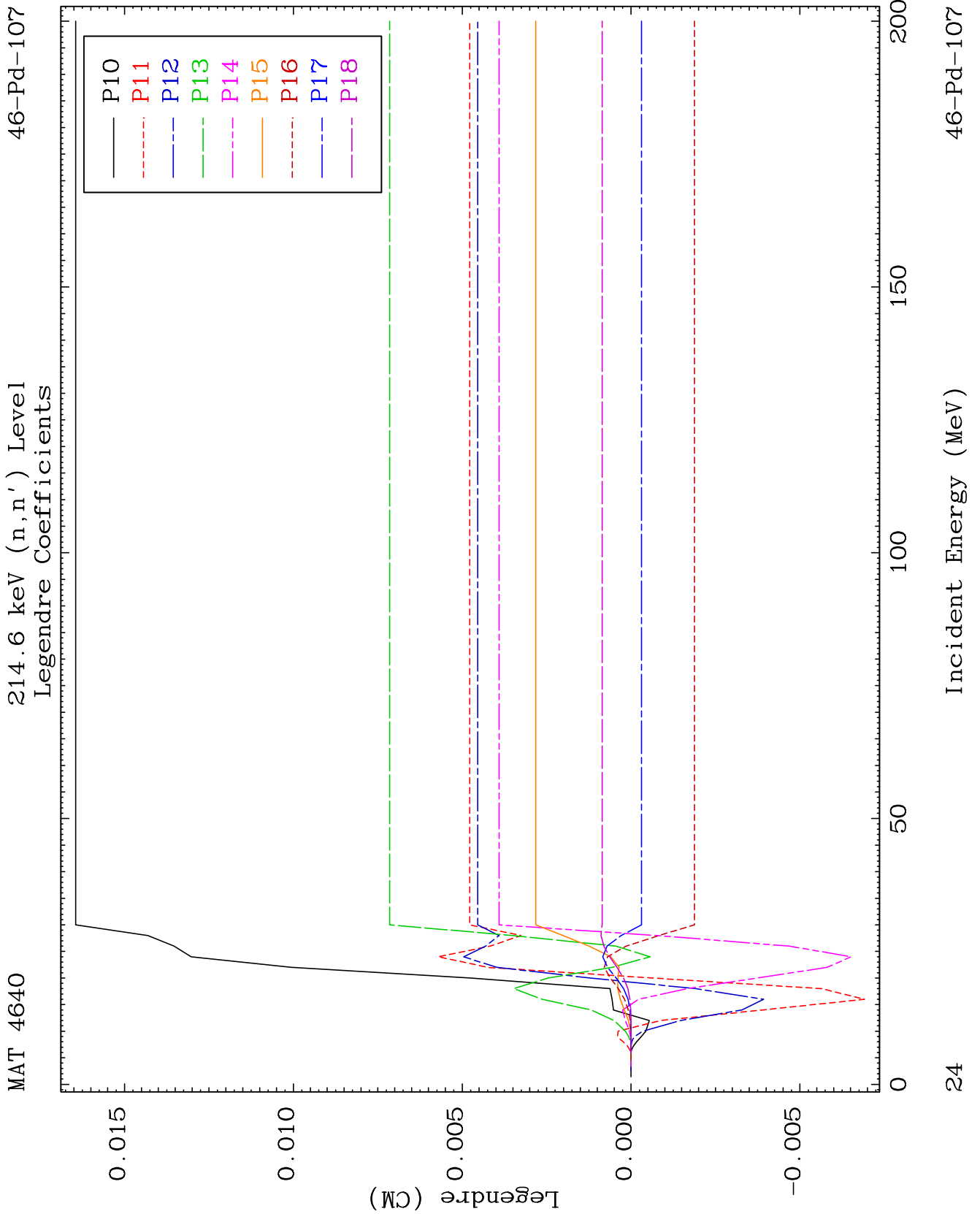


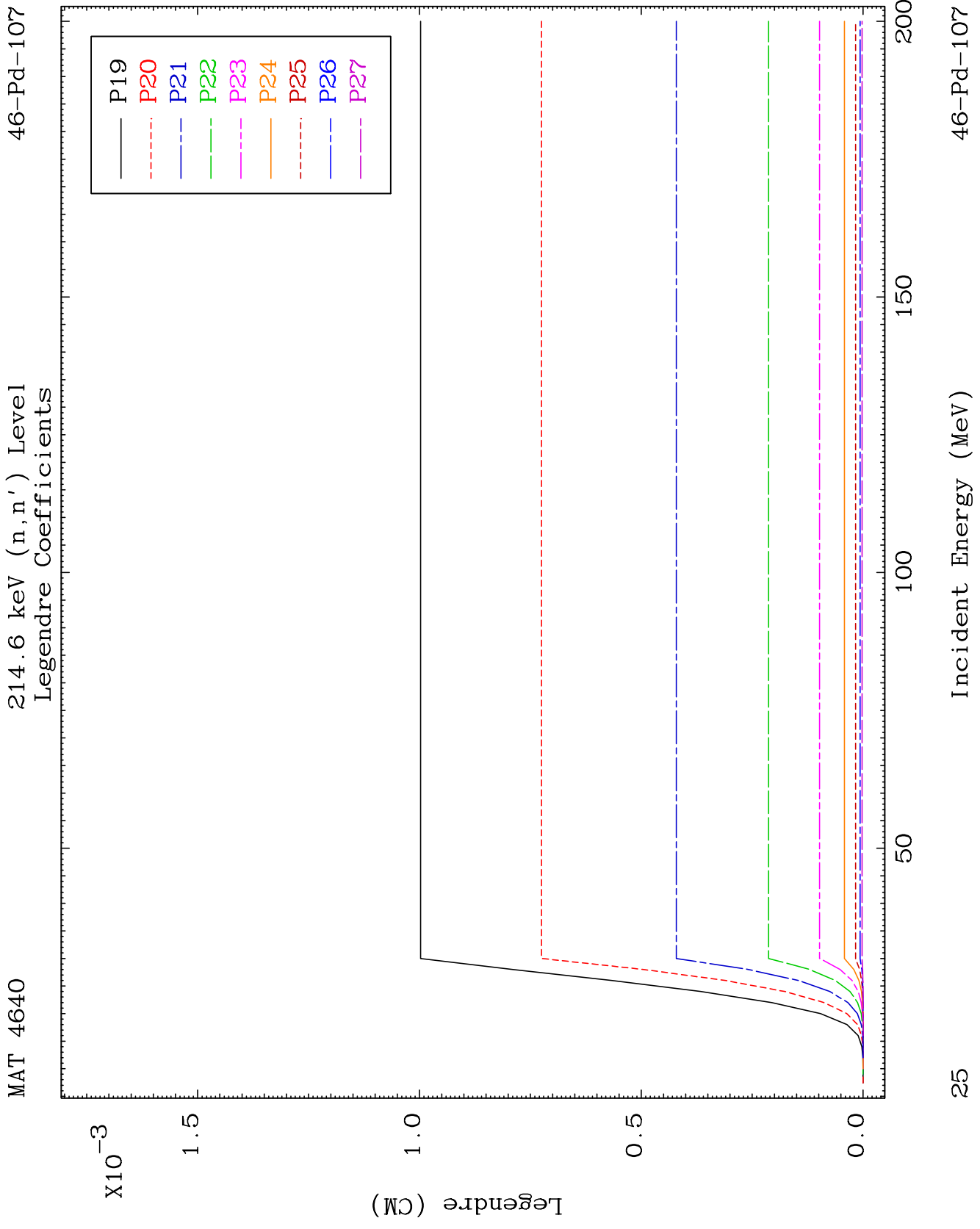


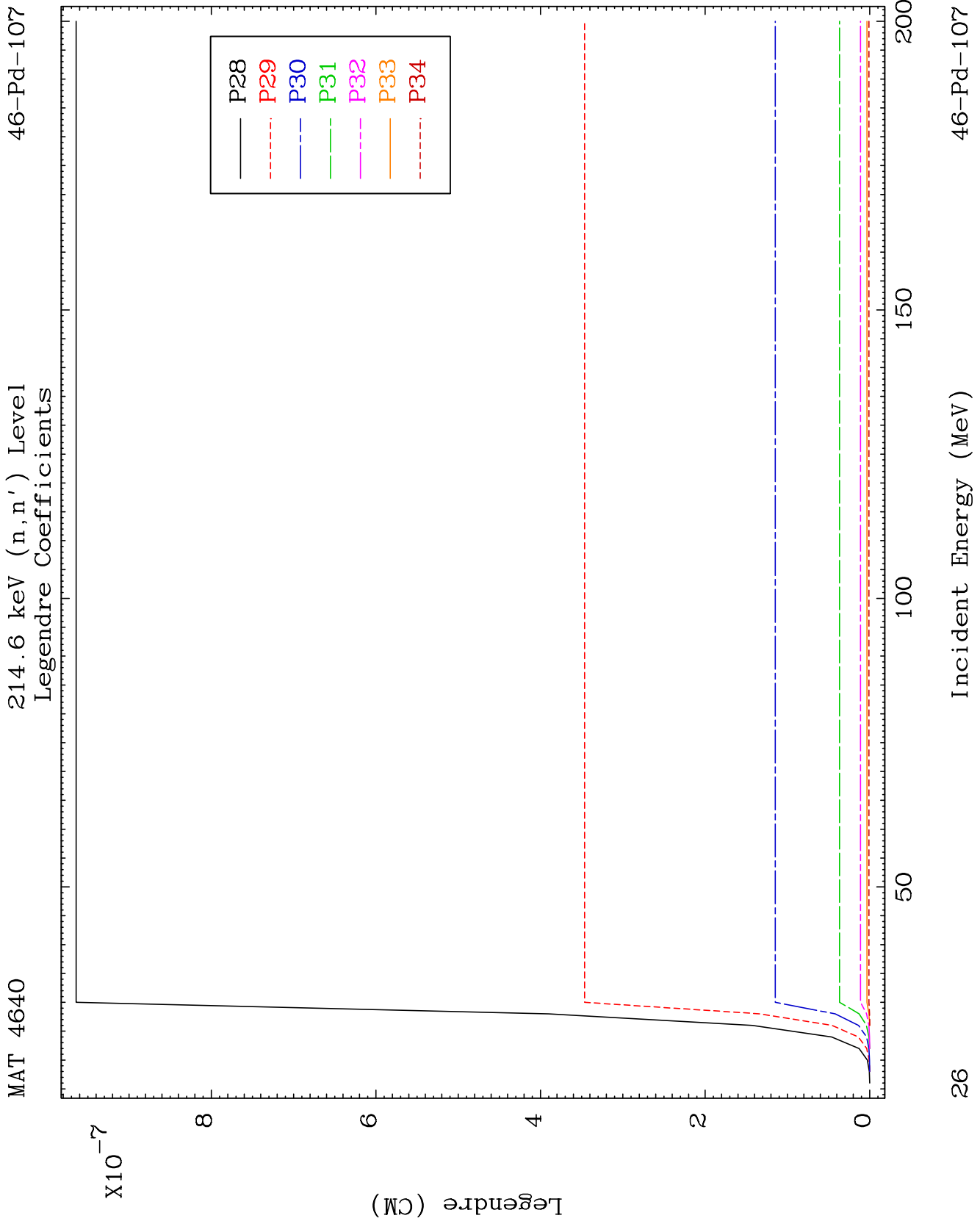




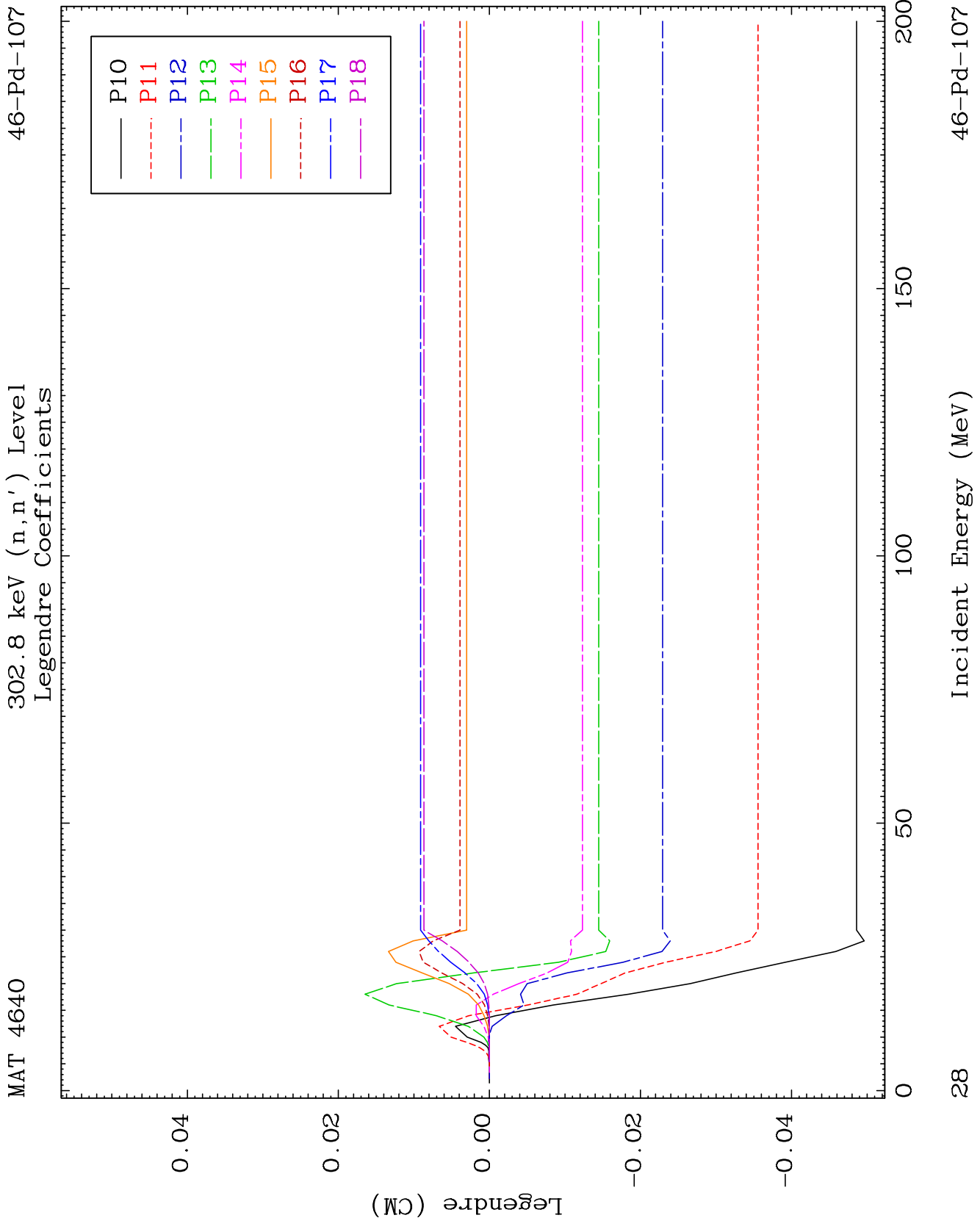


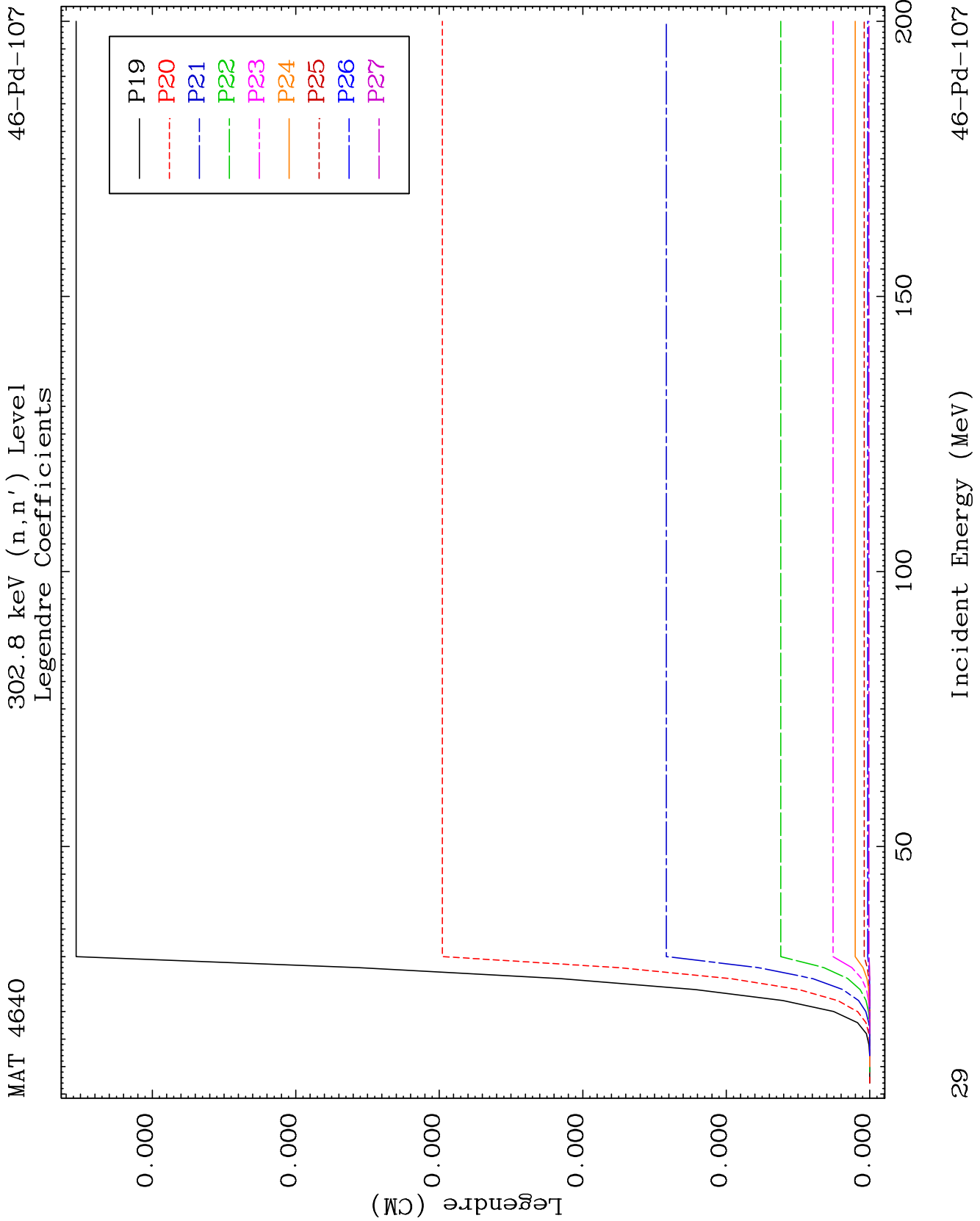


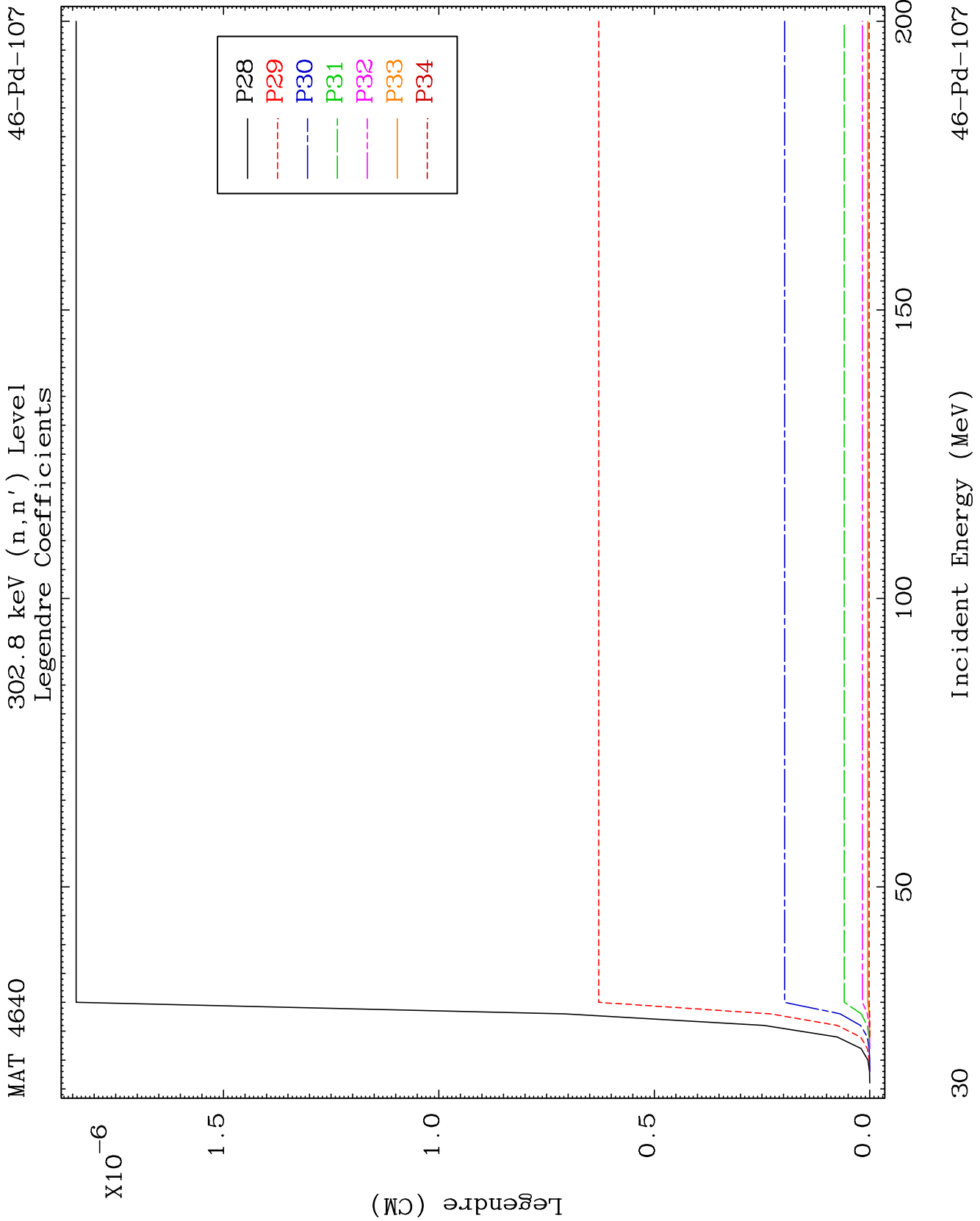


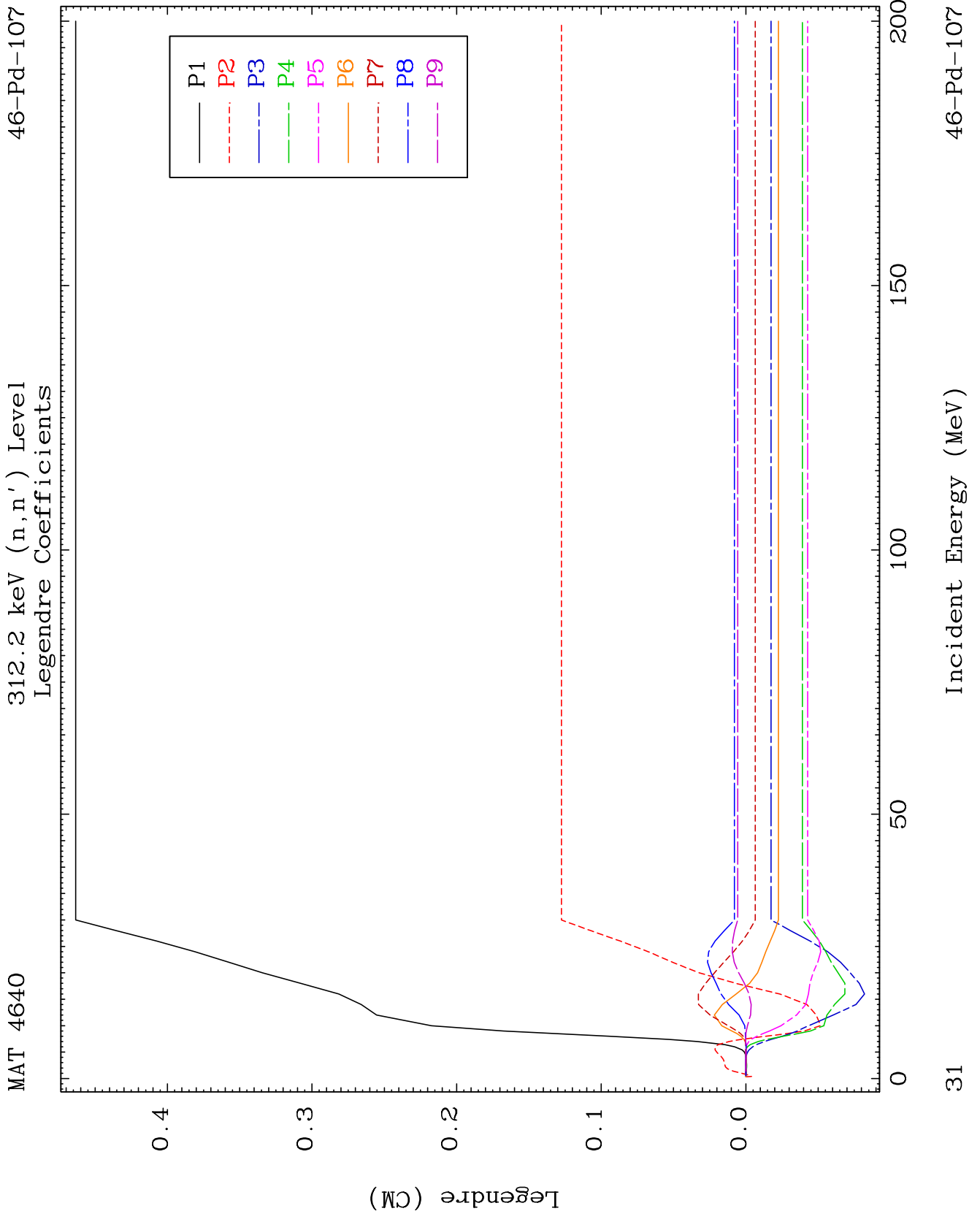




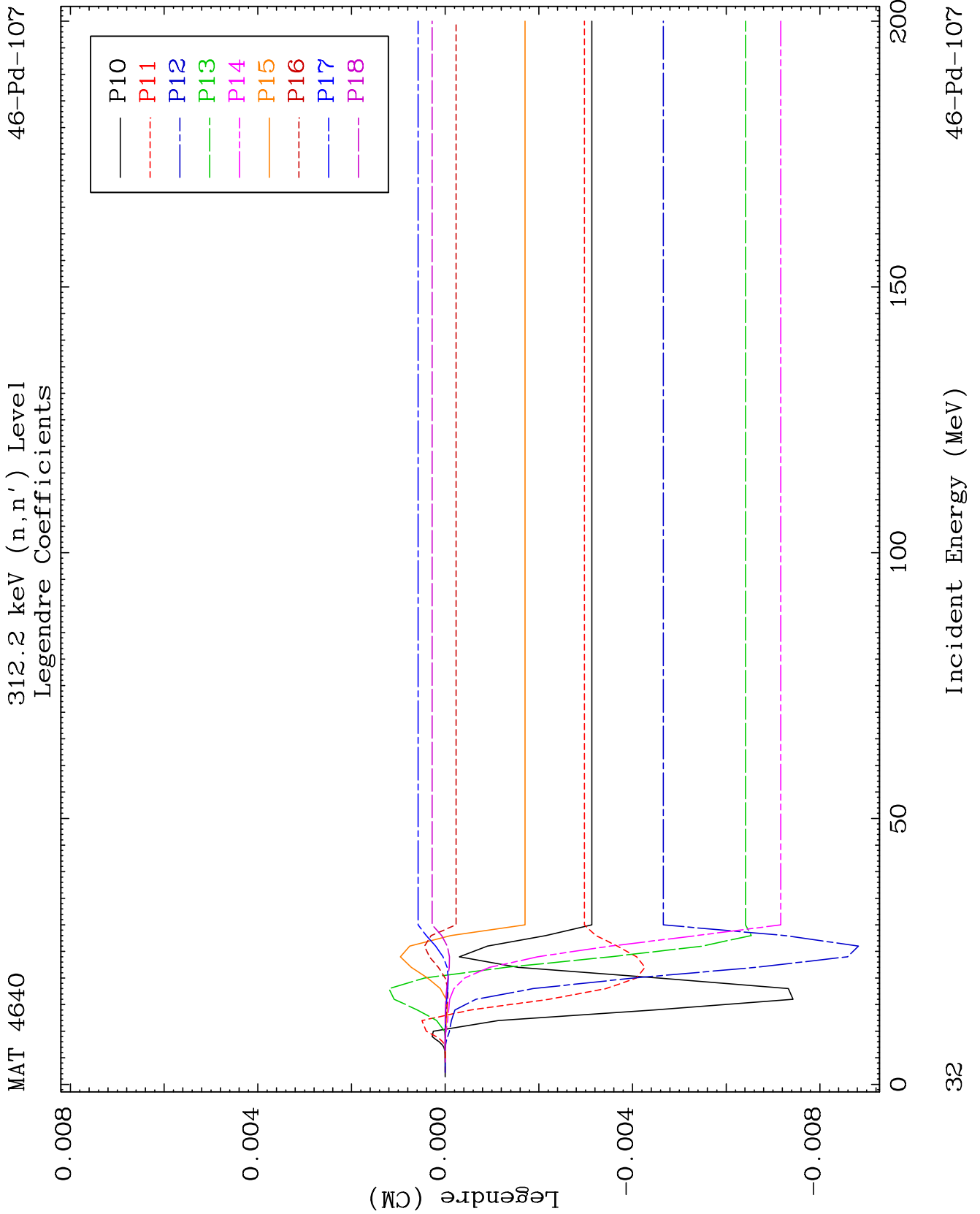


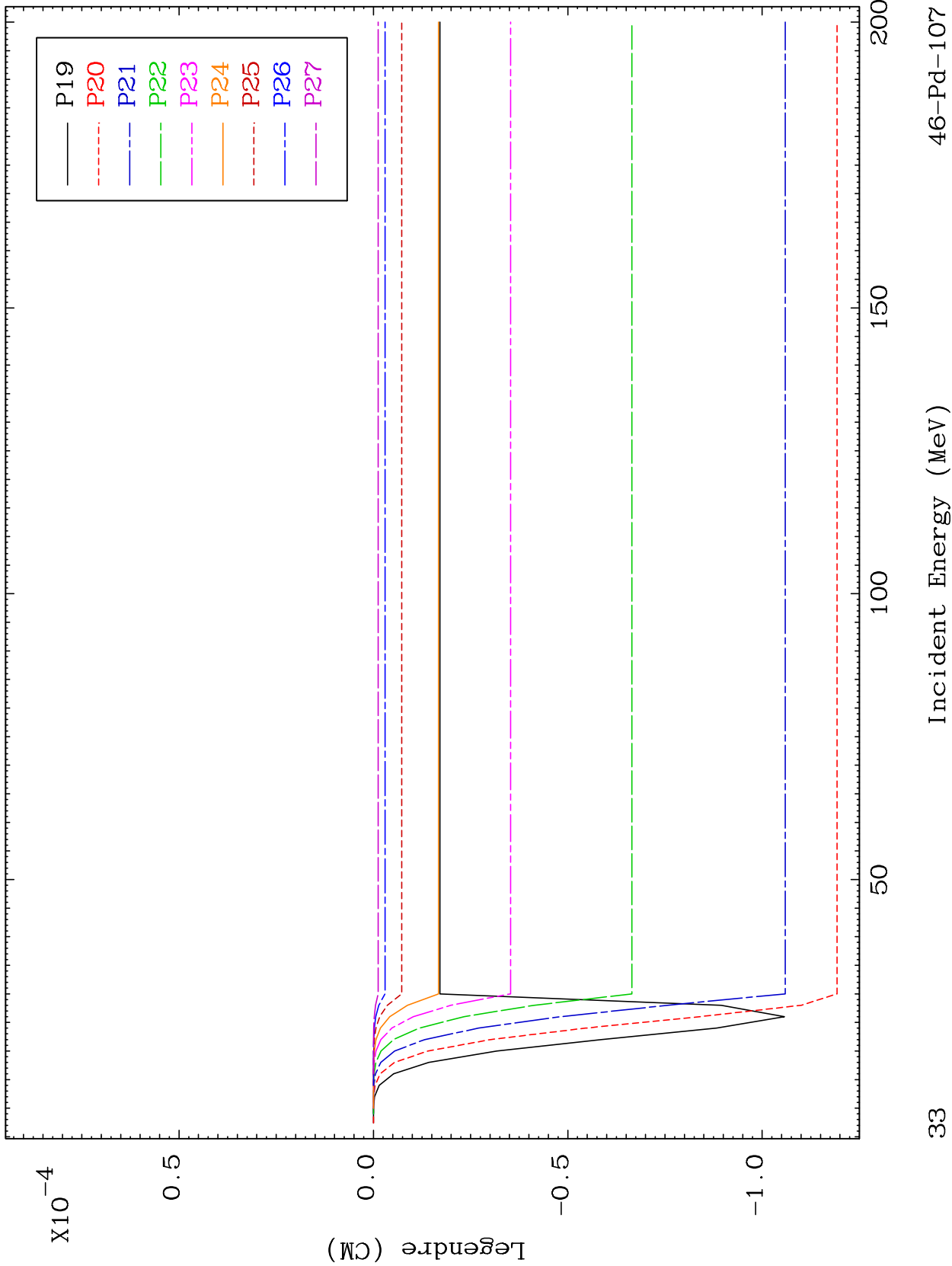


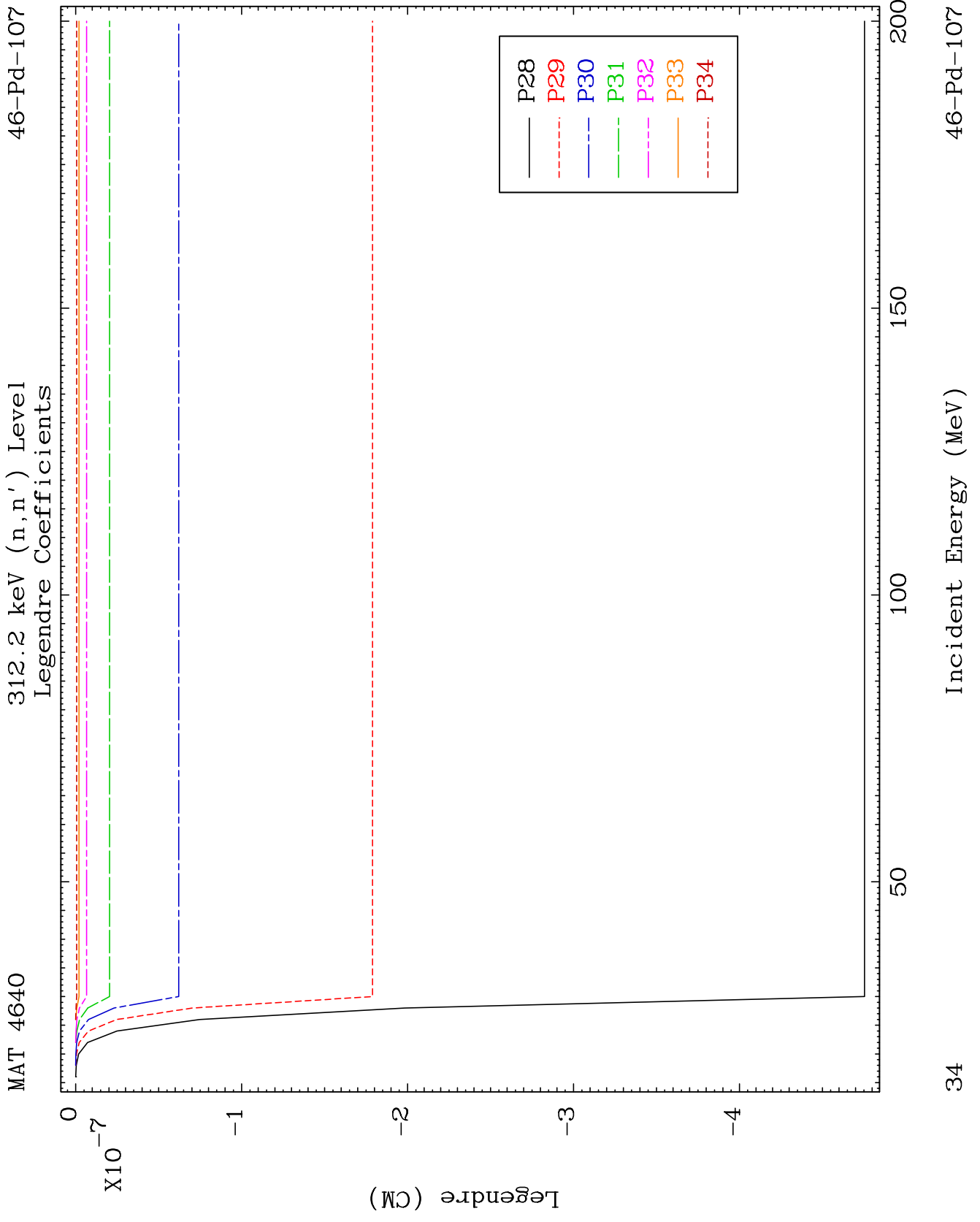




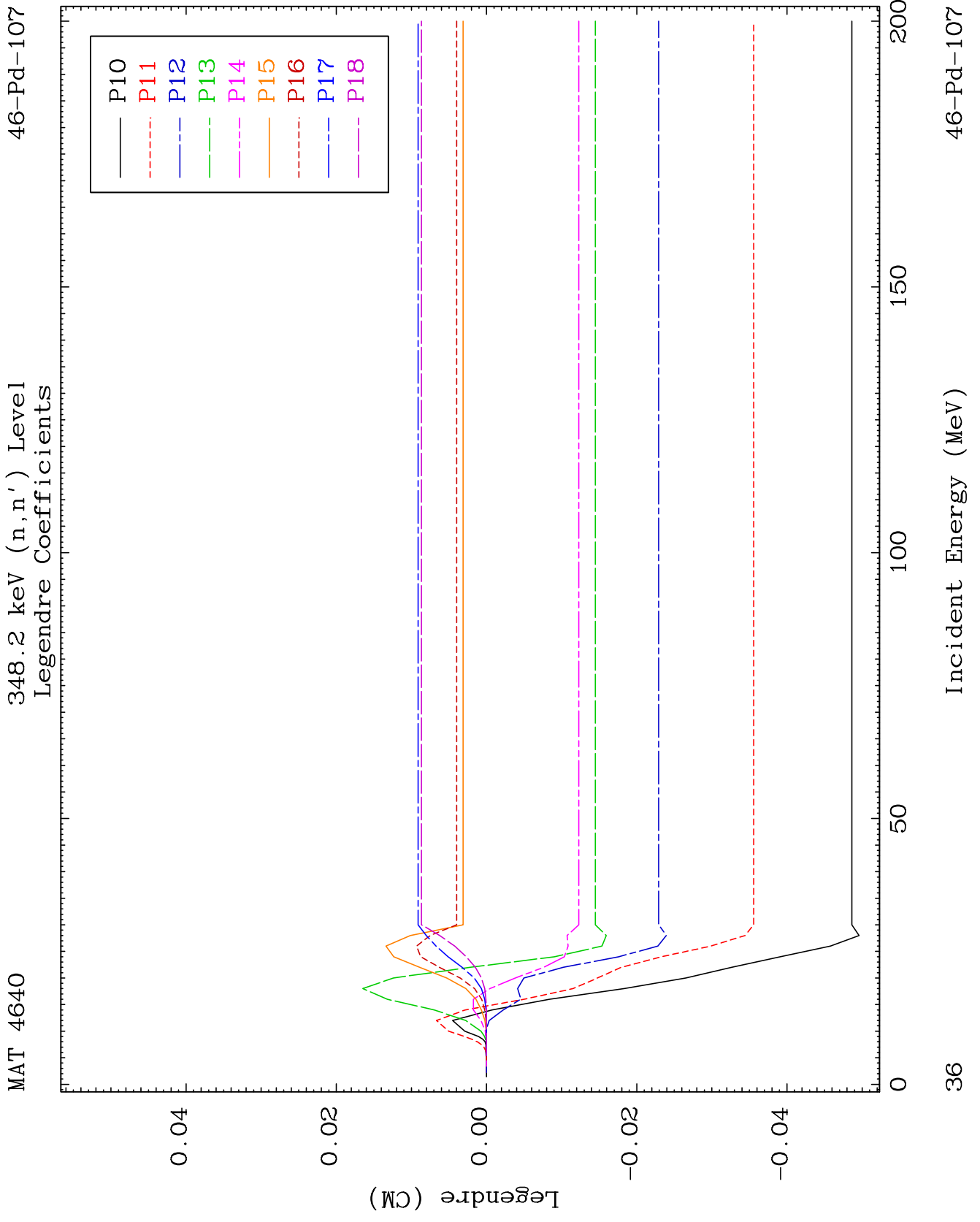








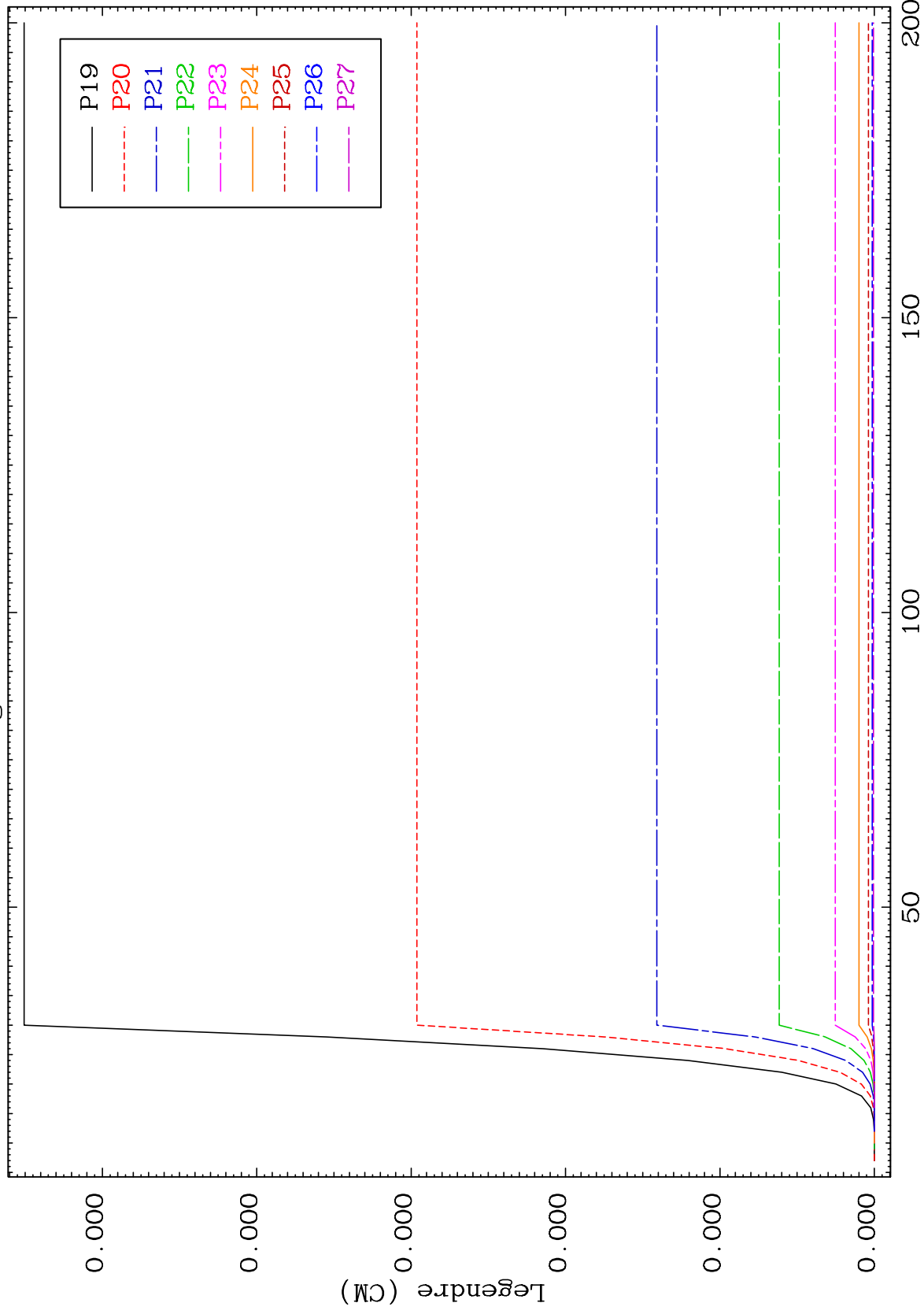




MAT 4640

348.2 keV (n,n') Level  
Legendre Coefficients

46-Pd-107



37

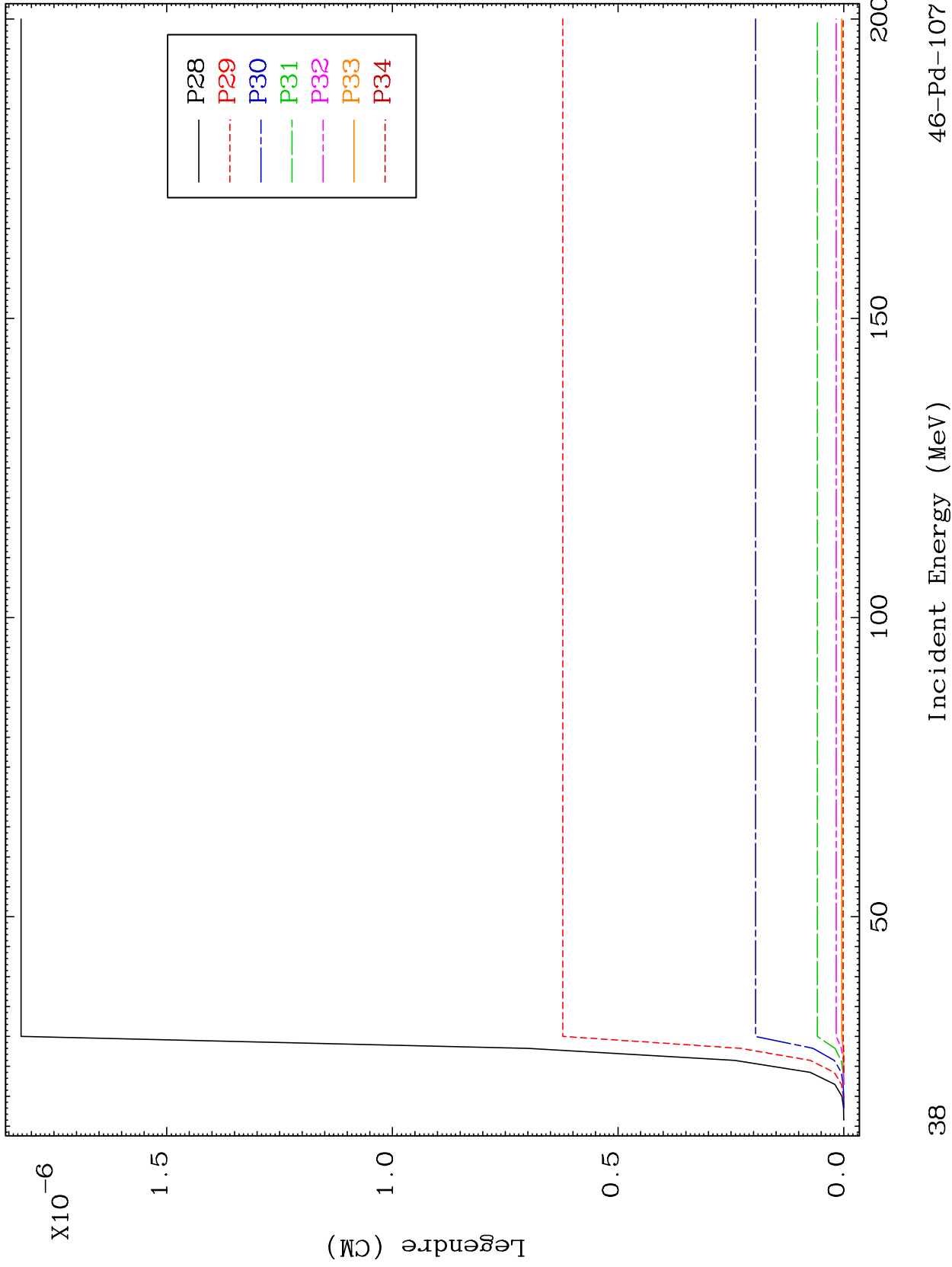
Incident Energy (MeV)

46-Pd-107

MAT 4640

348.2 keV (n,n') Level  
Legendre Coefficients

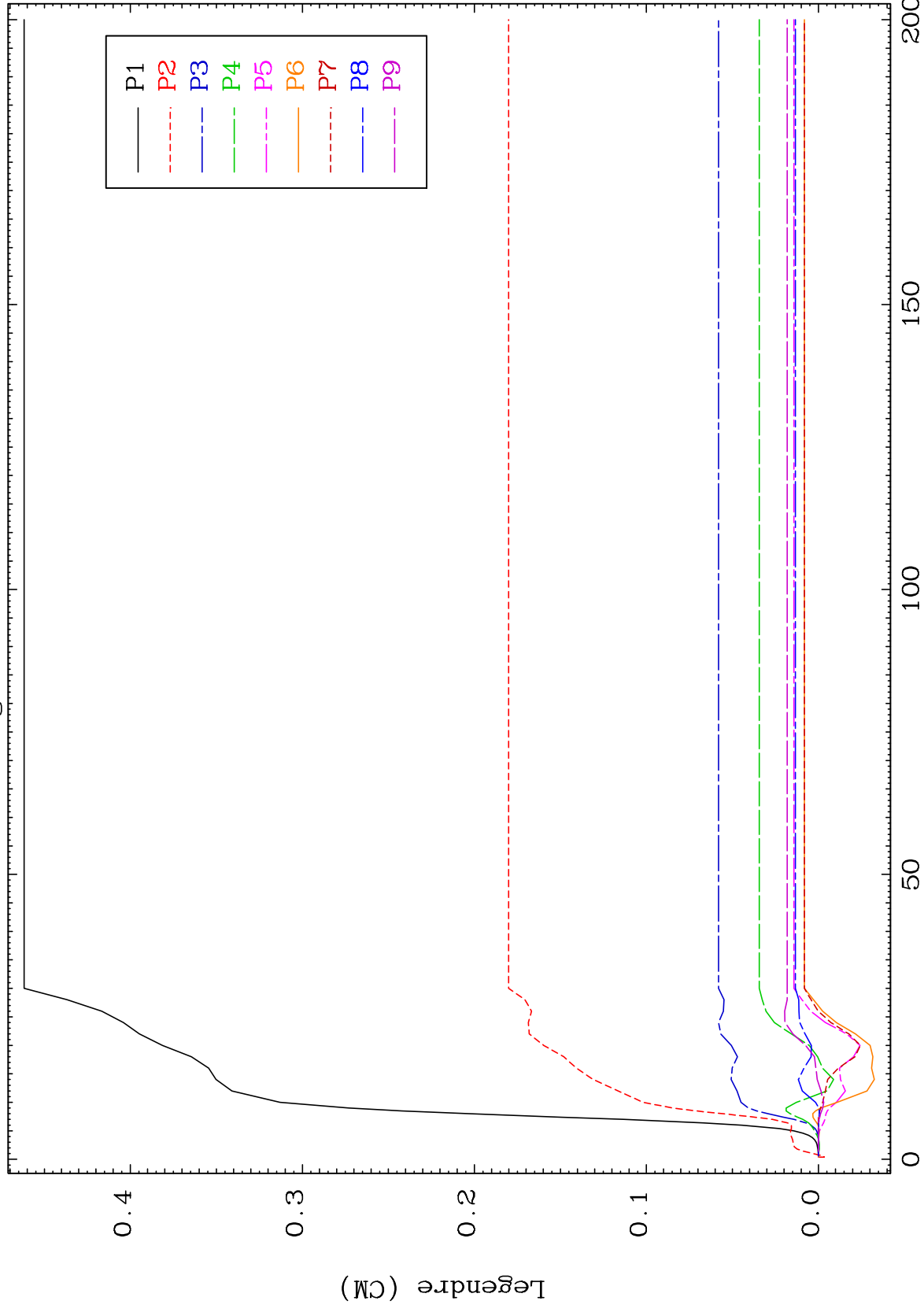
46-Pd-107



MAT 4640

366.8 keV (n,n') Level  
Legendre Coefficients

46-Pd-107

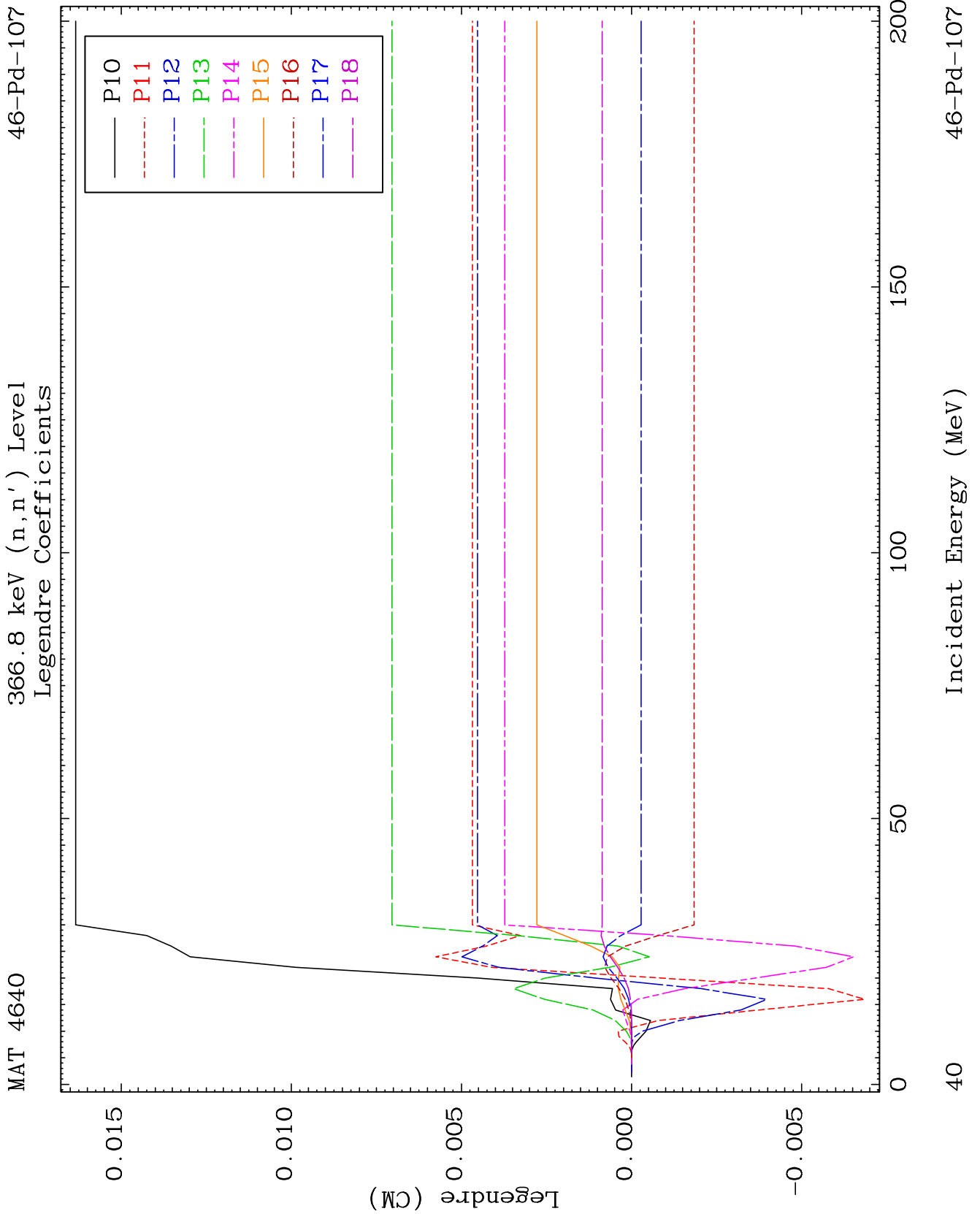


39

Incident Energy (MeV)

46-Pd-107

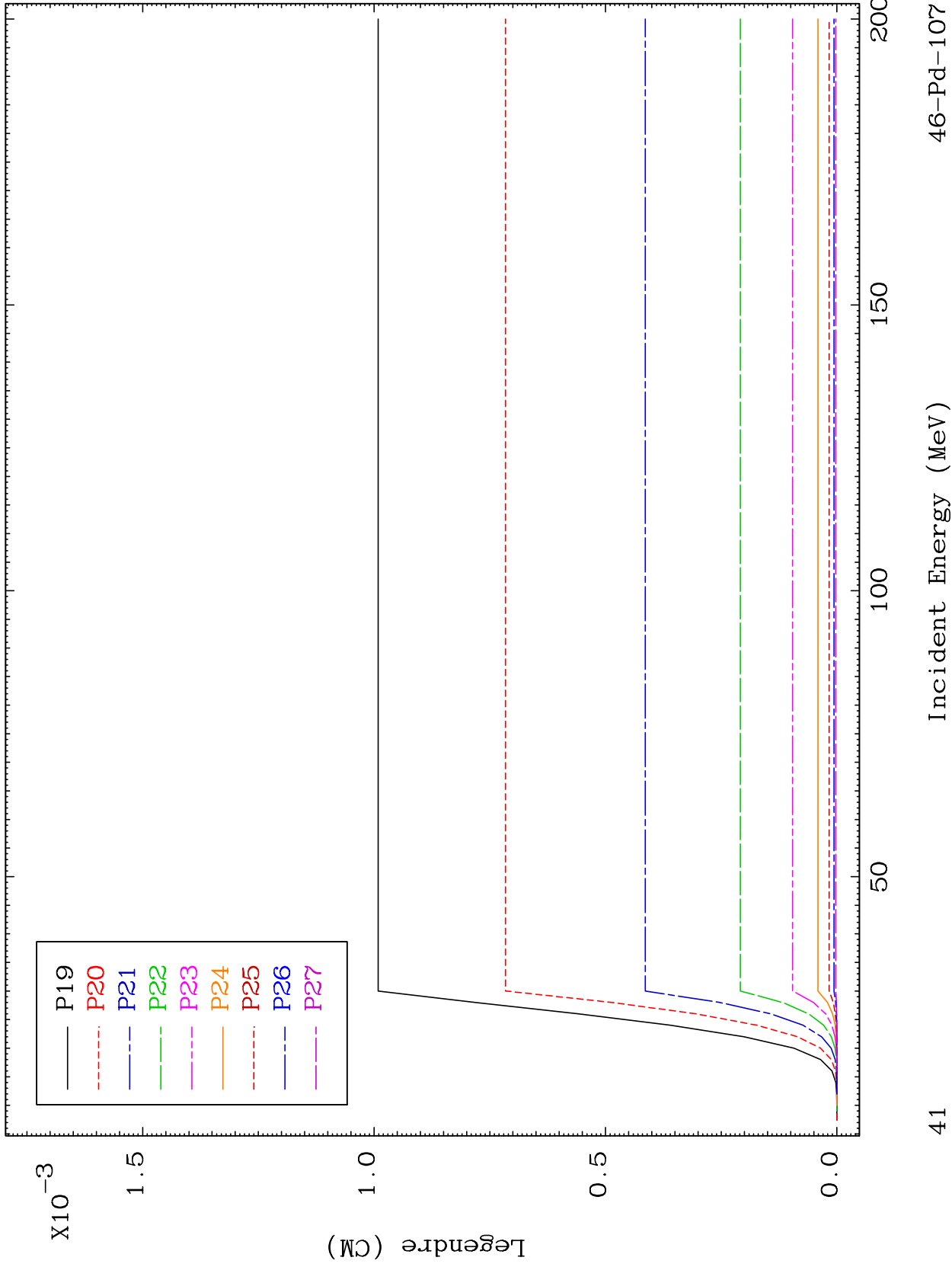




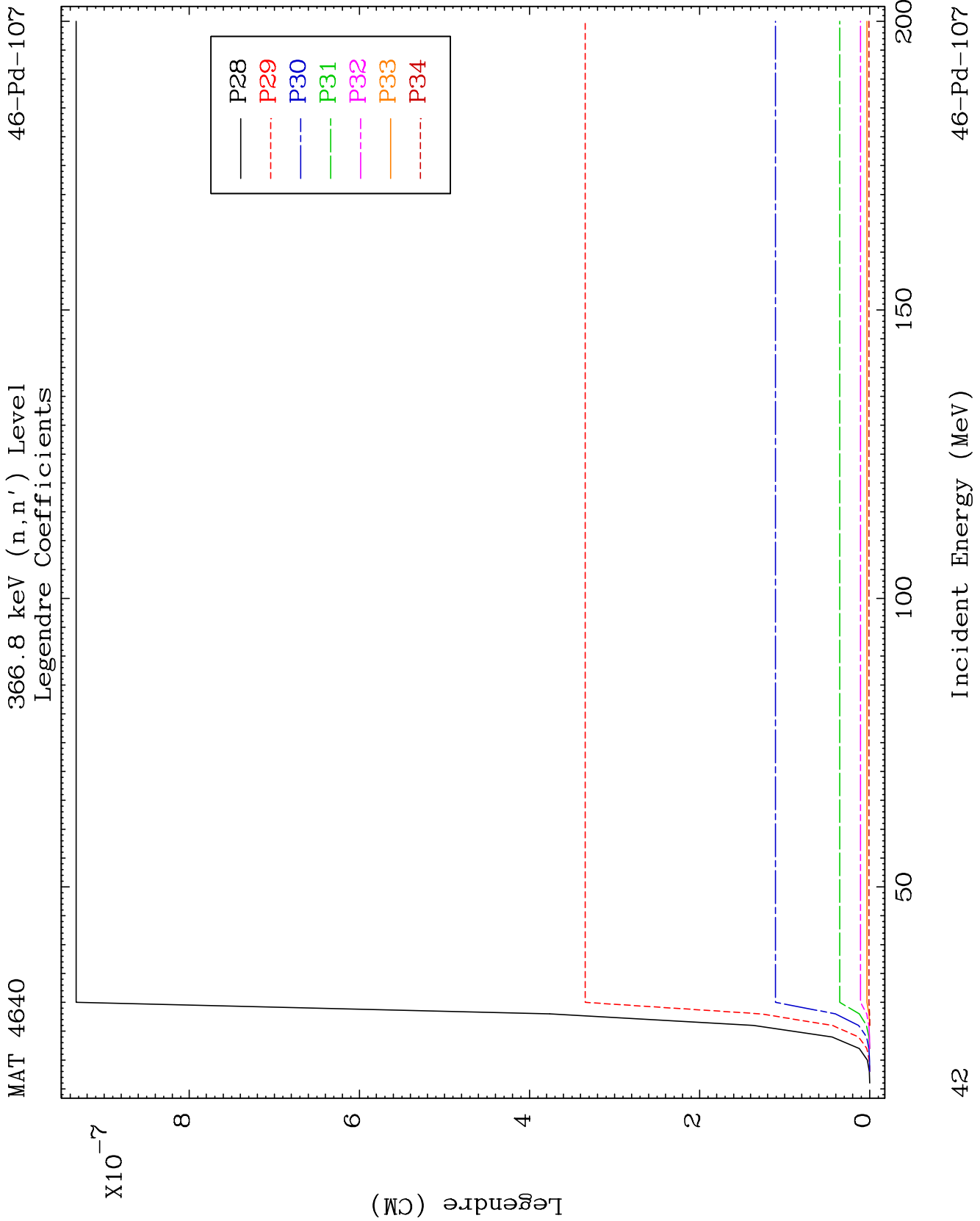
MAT 4640

366.8 keV (n, n') Level  
Legendre Coefficients

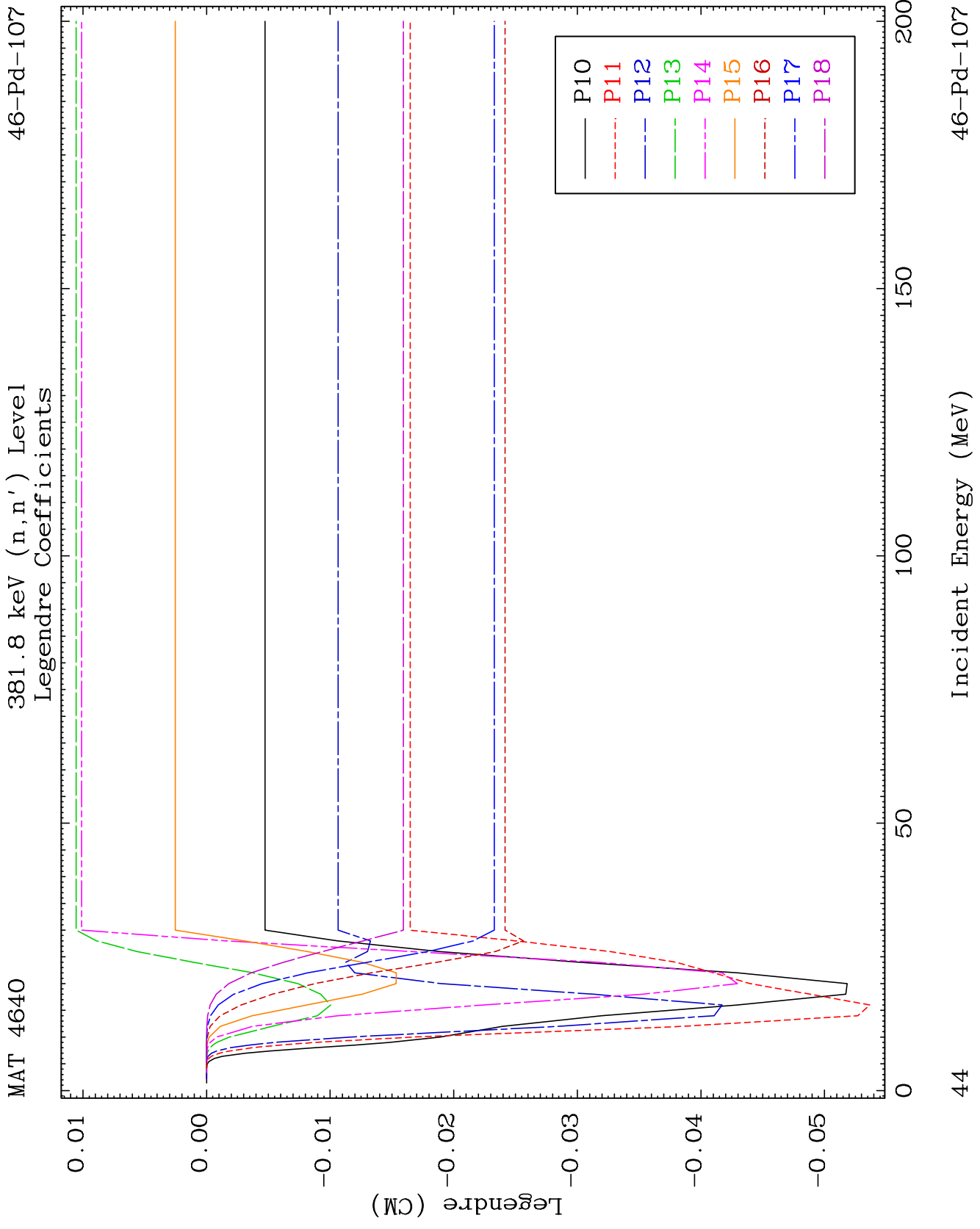
46-Pd-107

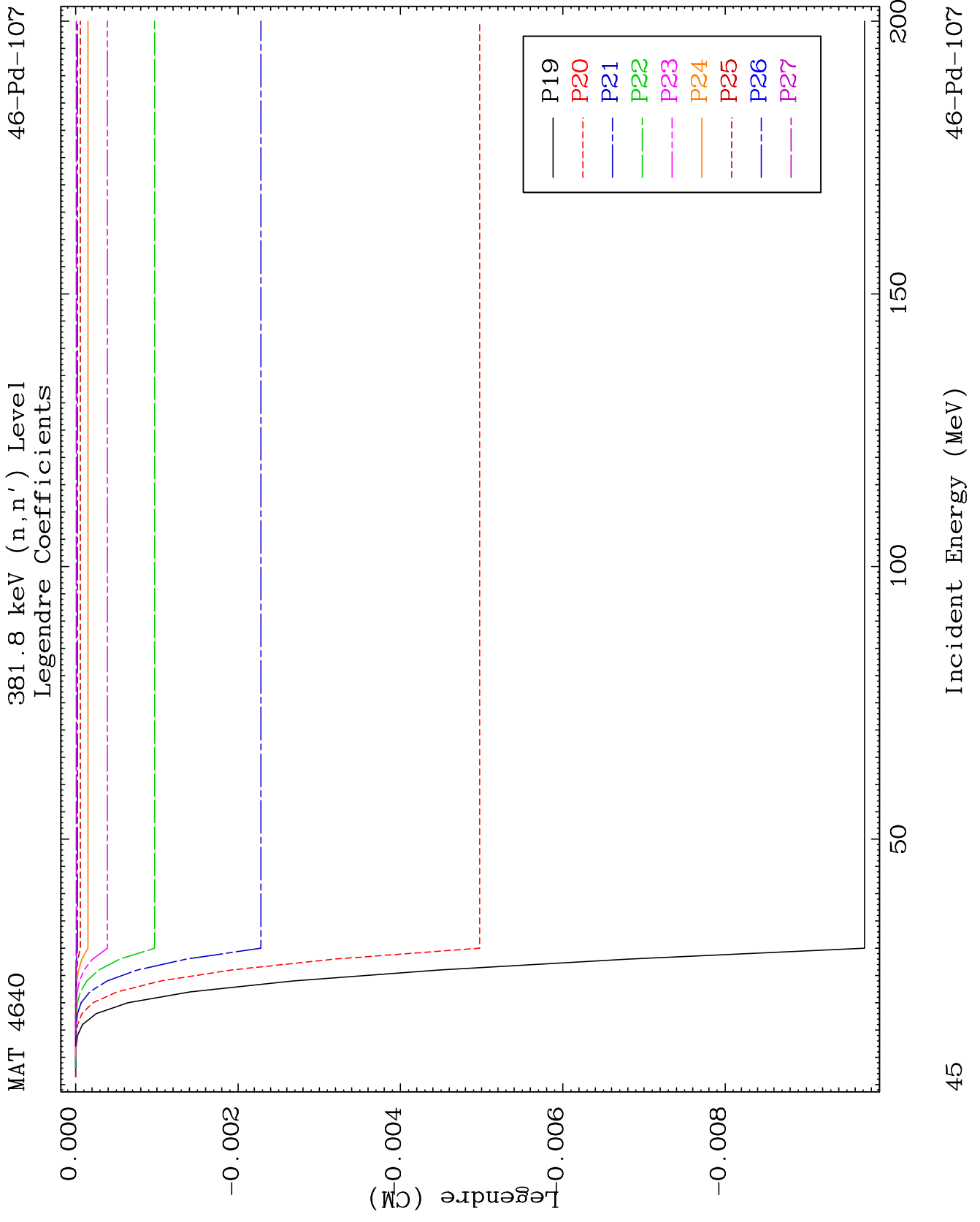


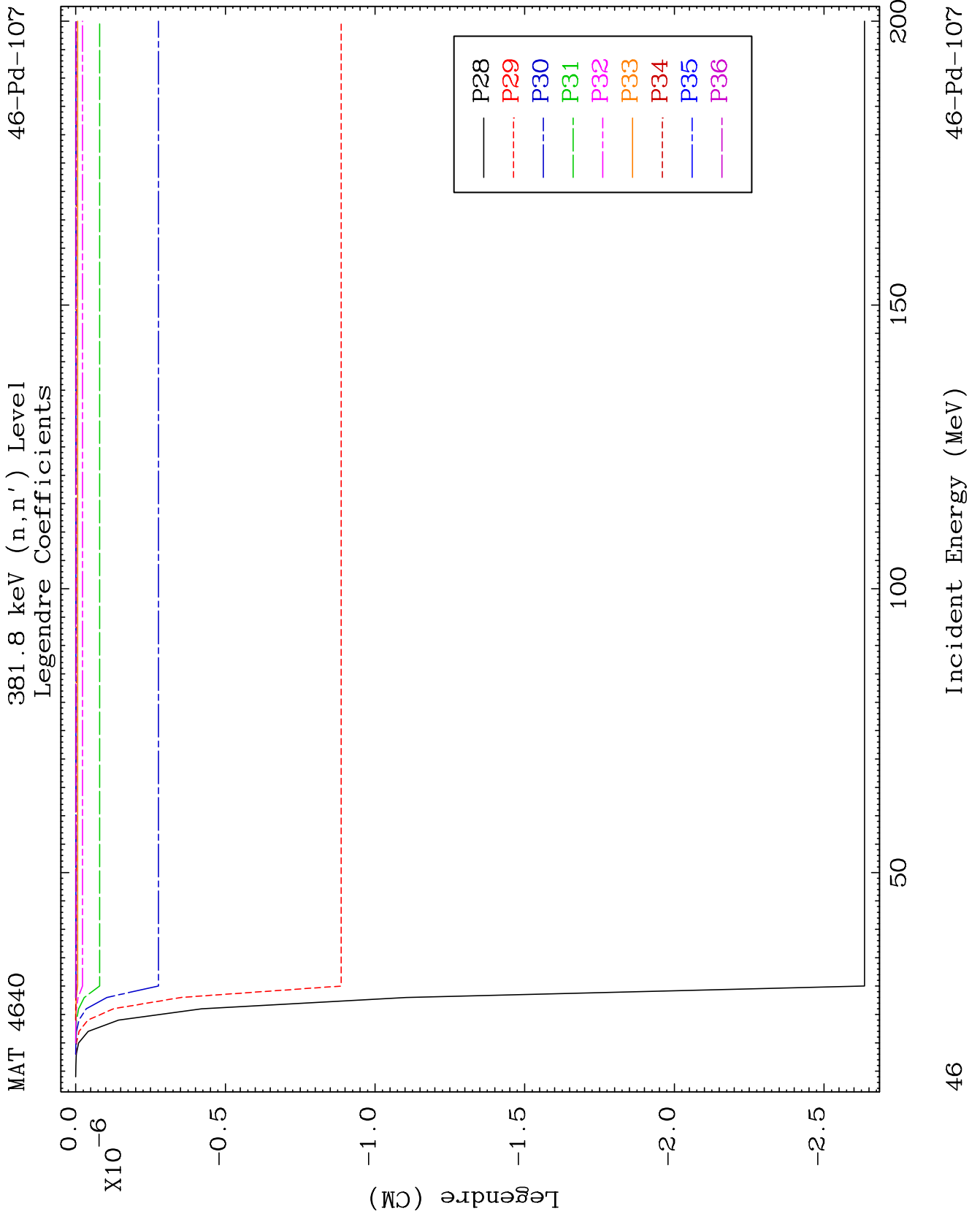
41











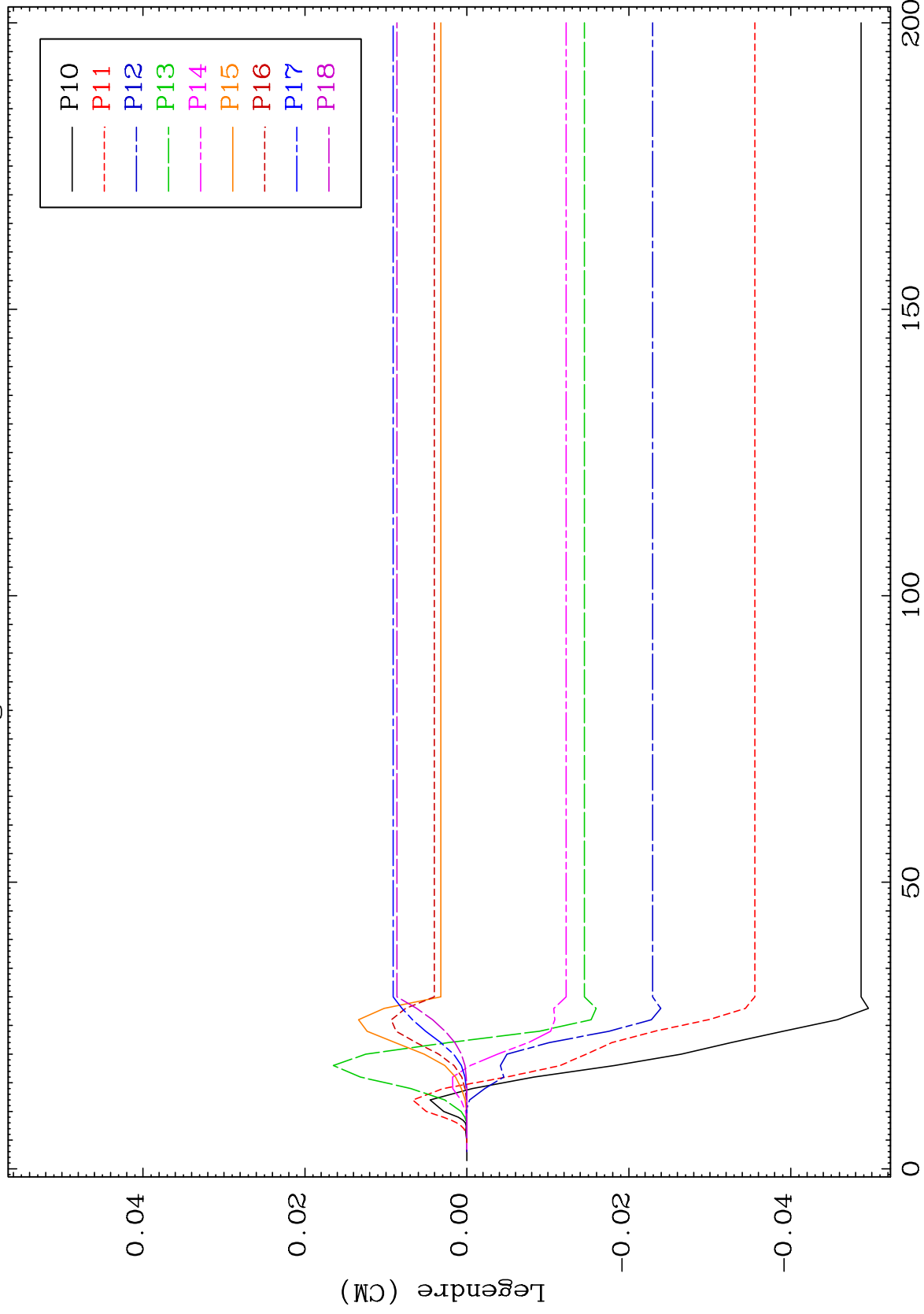




MAT 4640

392.4 keV (n, n') Level  
Legendre Coefficients

46-Pd-107



48

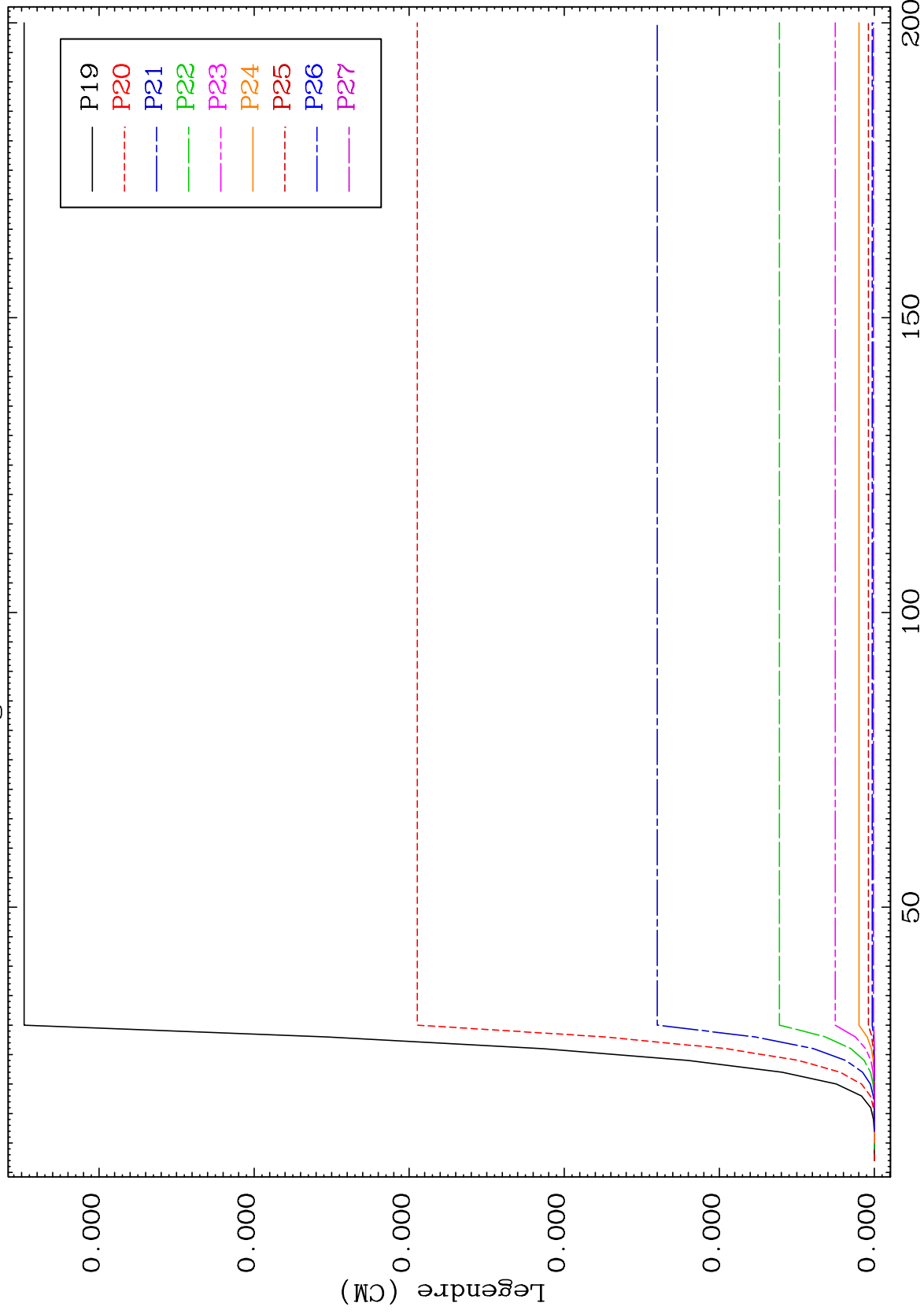
Incident Energy (MeV)

46-Pd-107

MAT 4640

392.4 keV (n,n') Level  
Legendre Coefficients

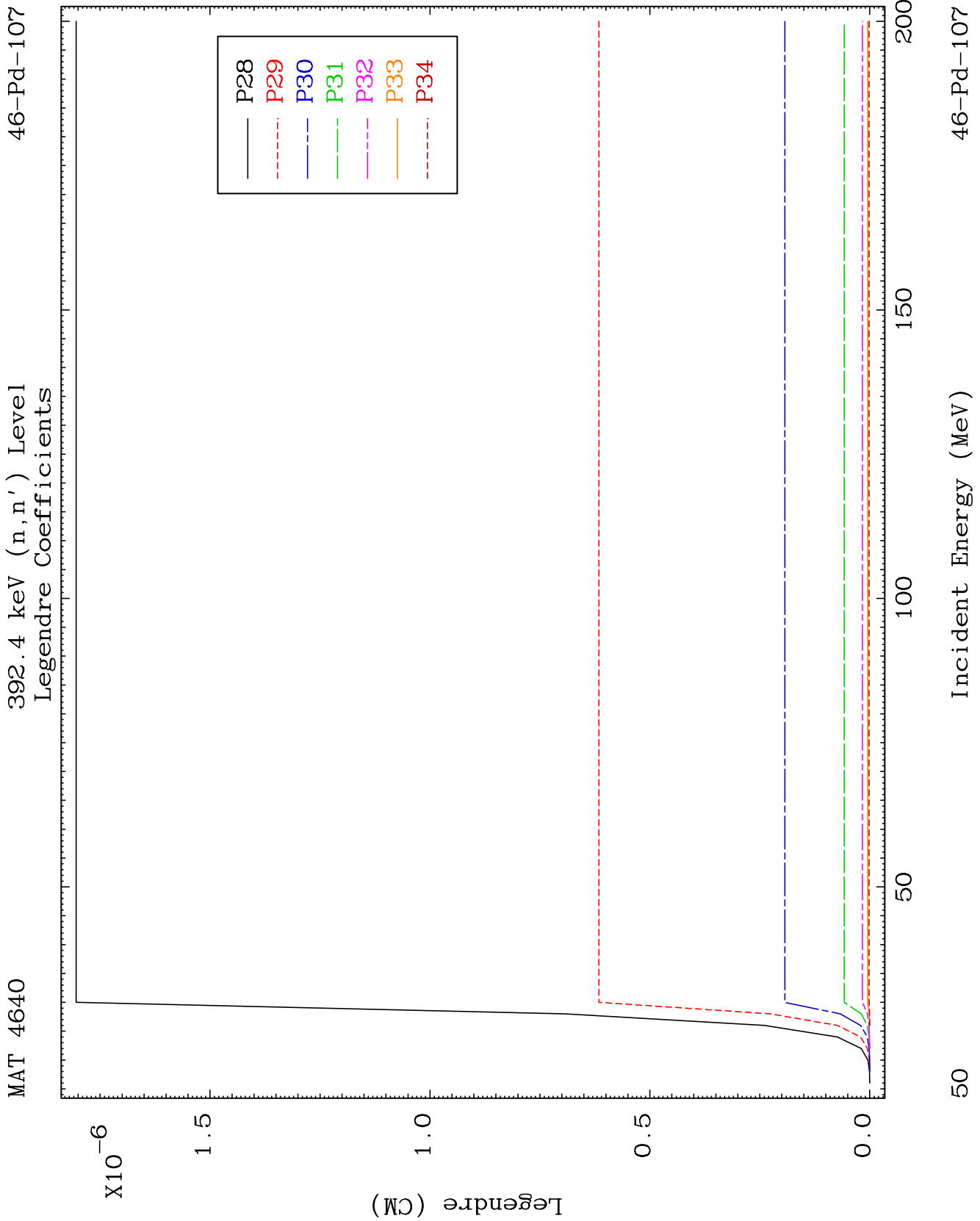
46-Pd-107



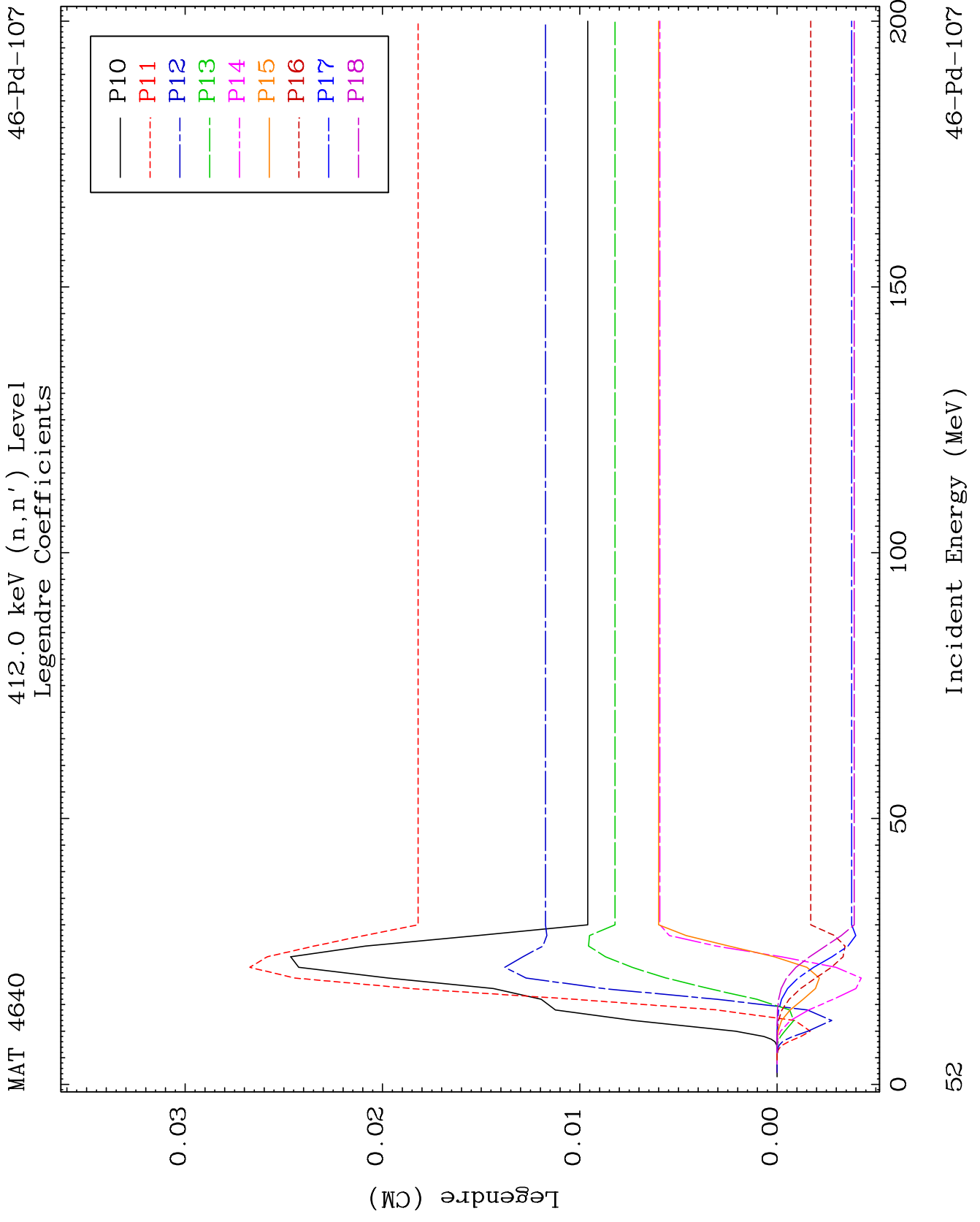
49

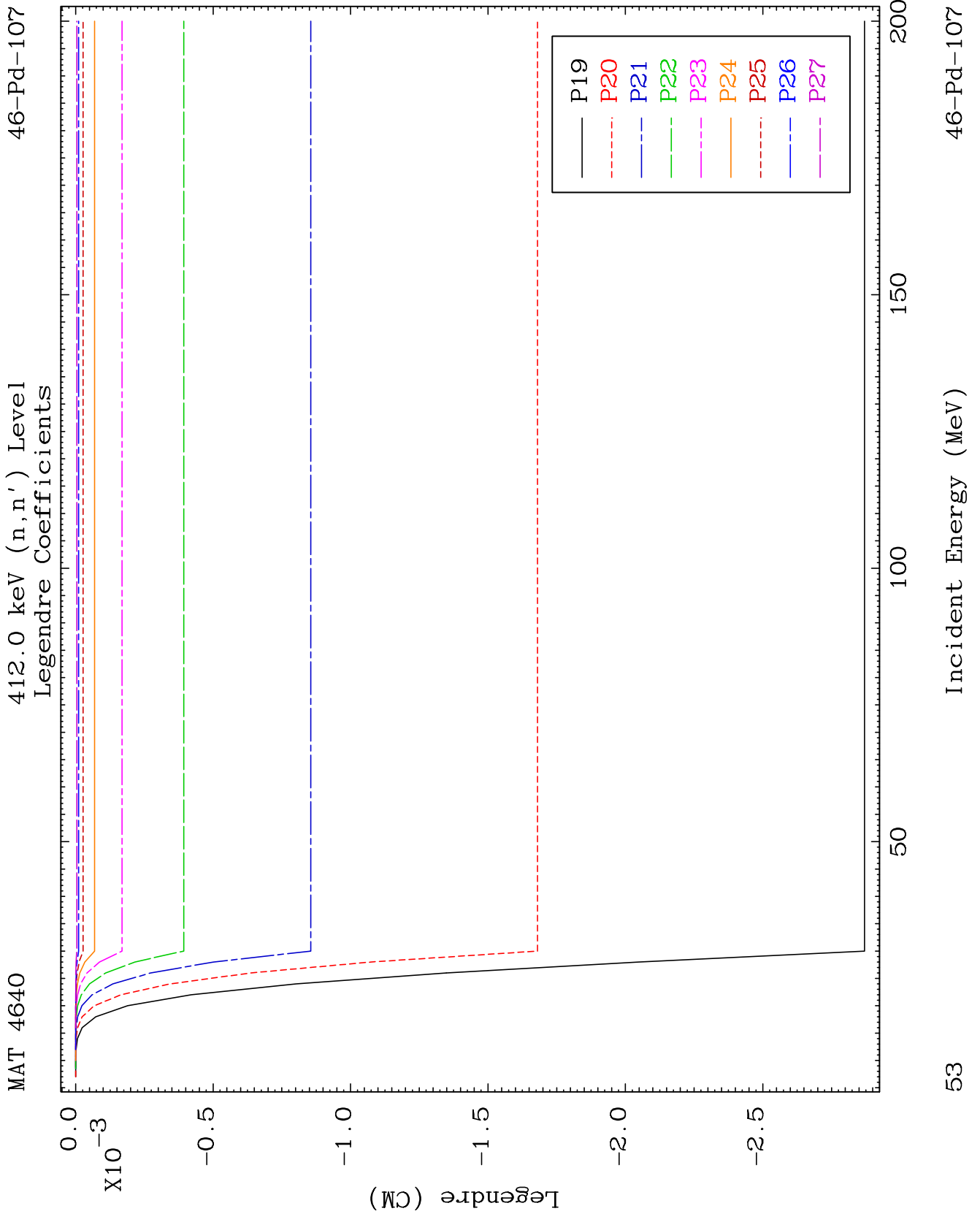
Incident Energy (MeV)

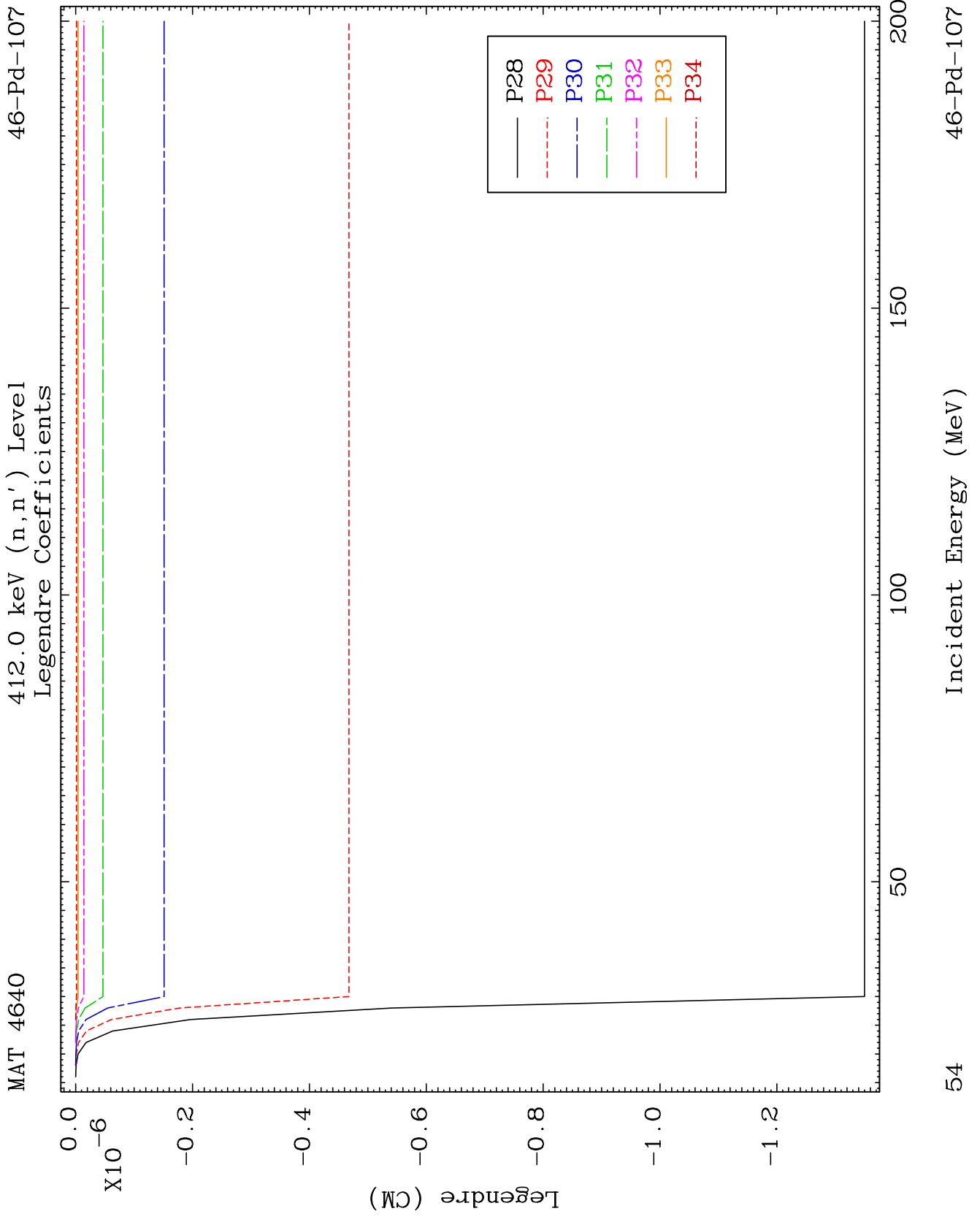
46-Pd-107





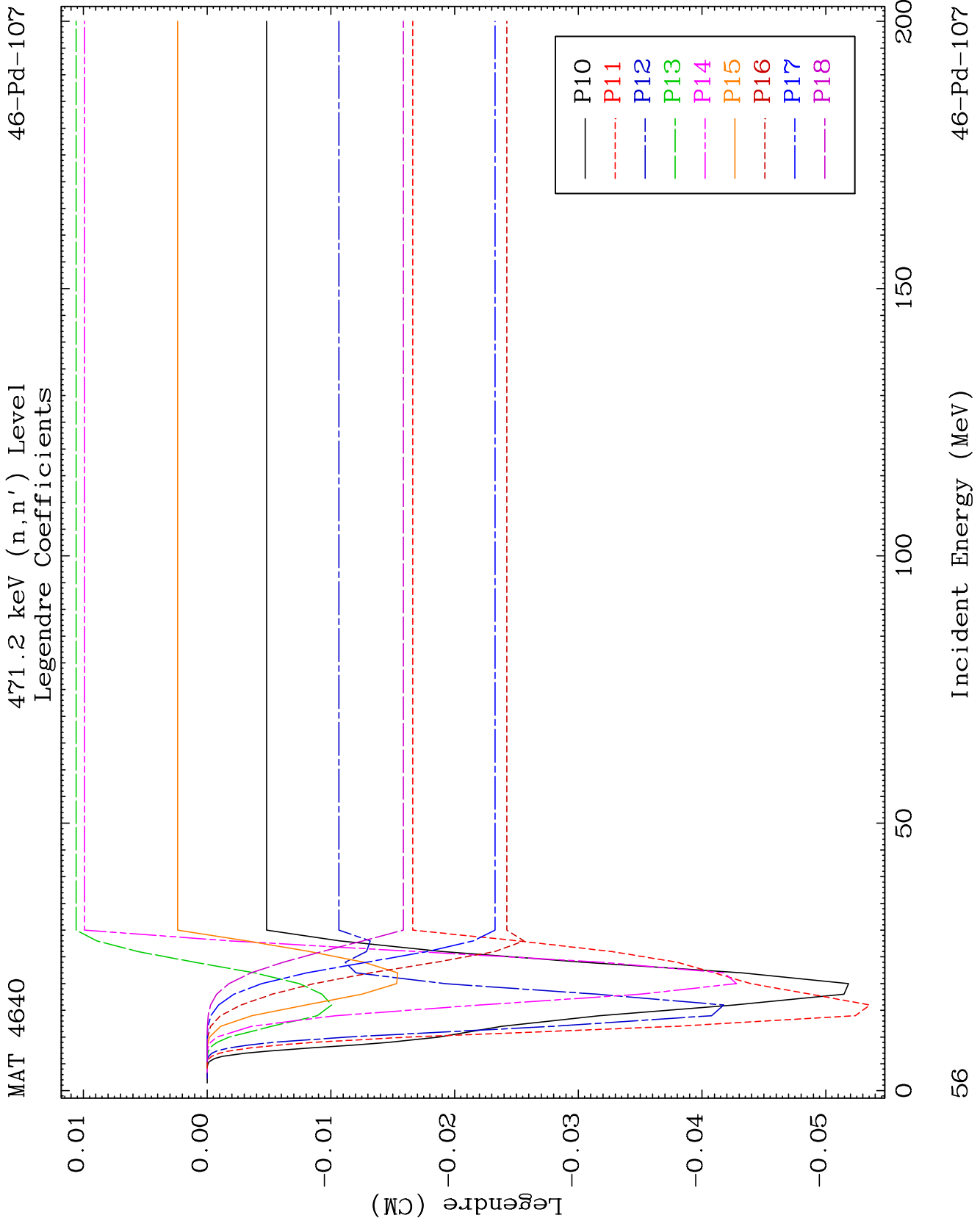


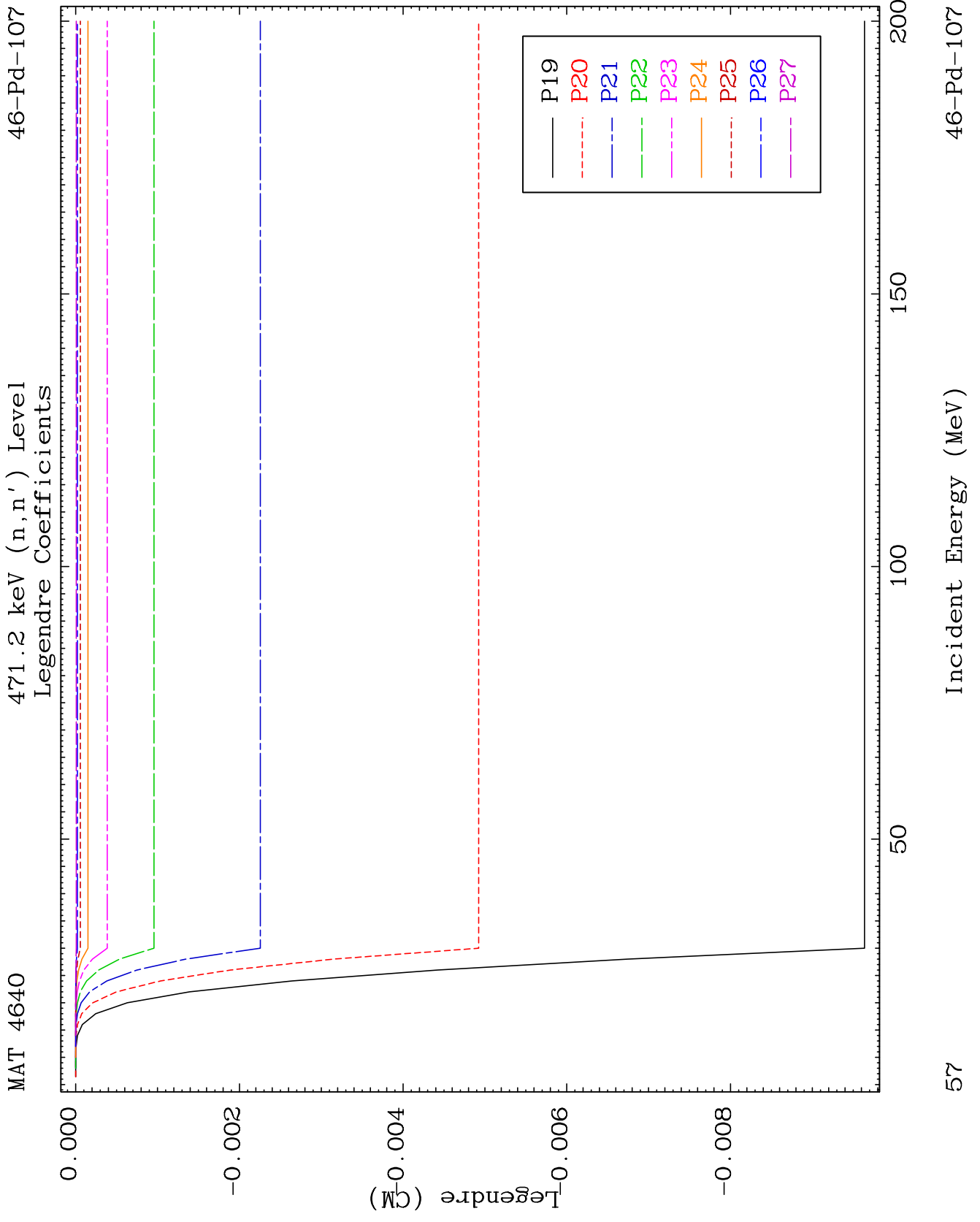


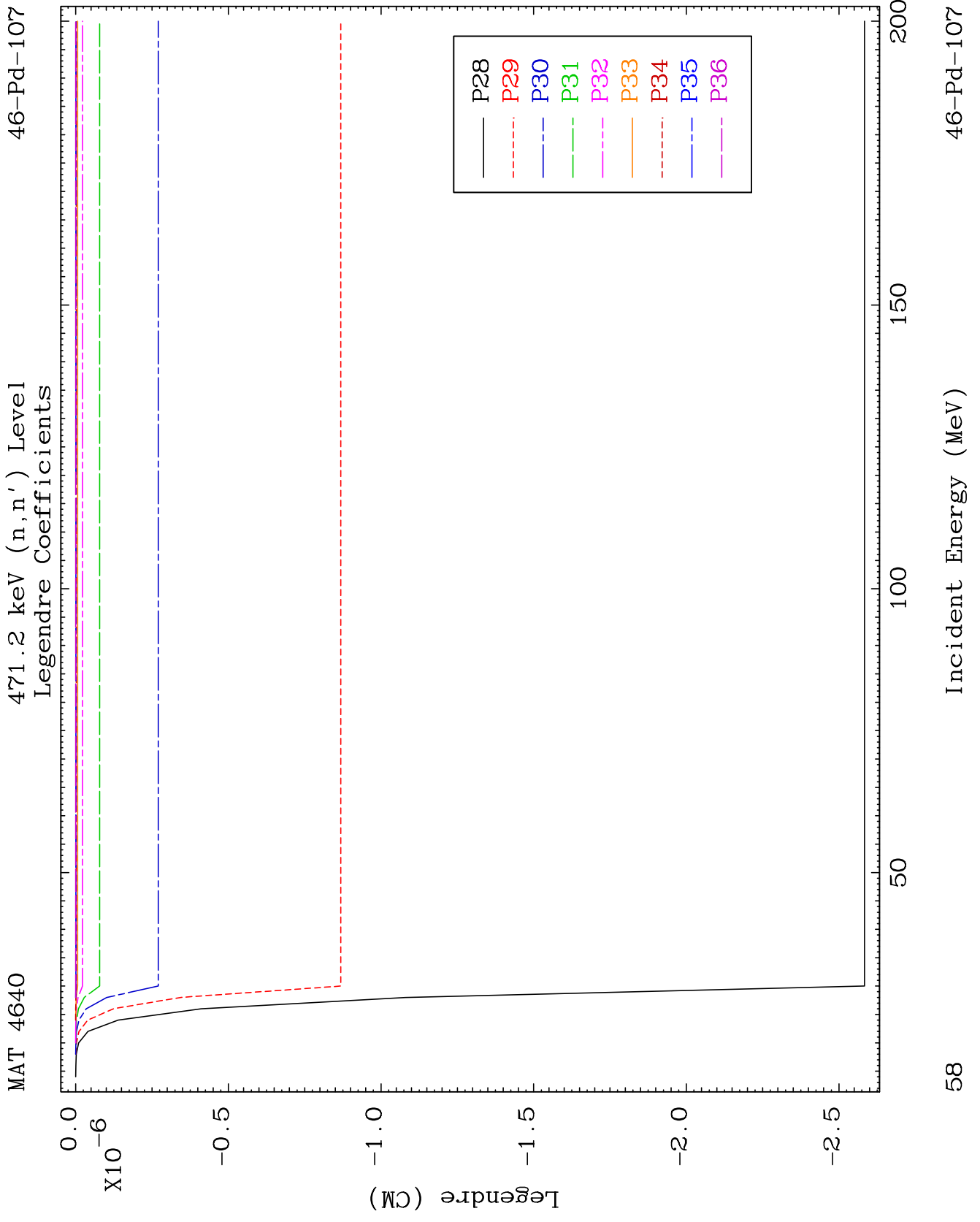








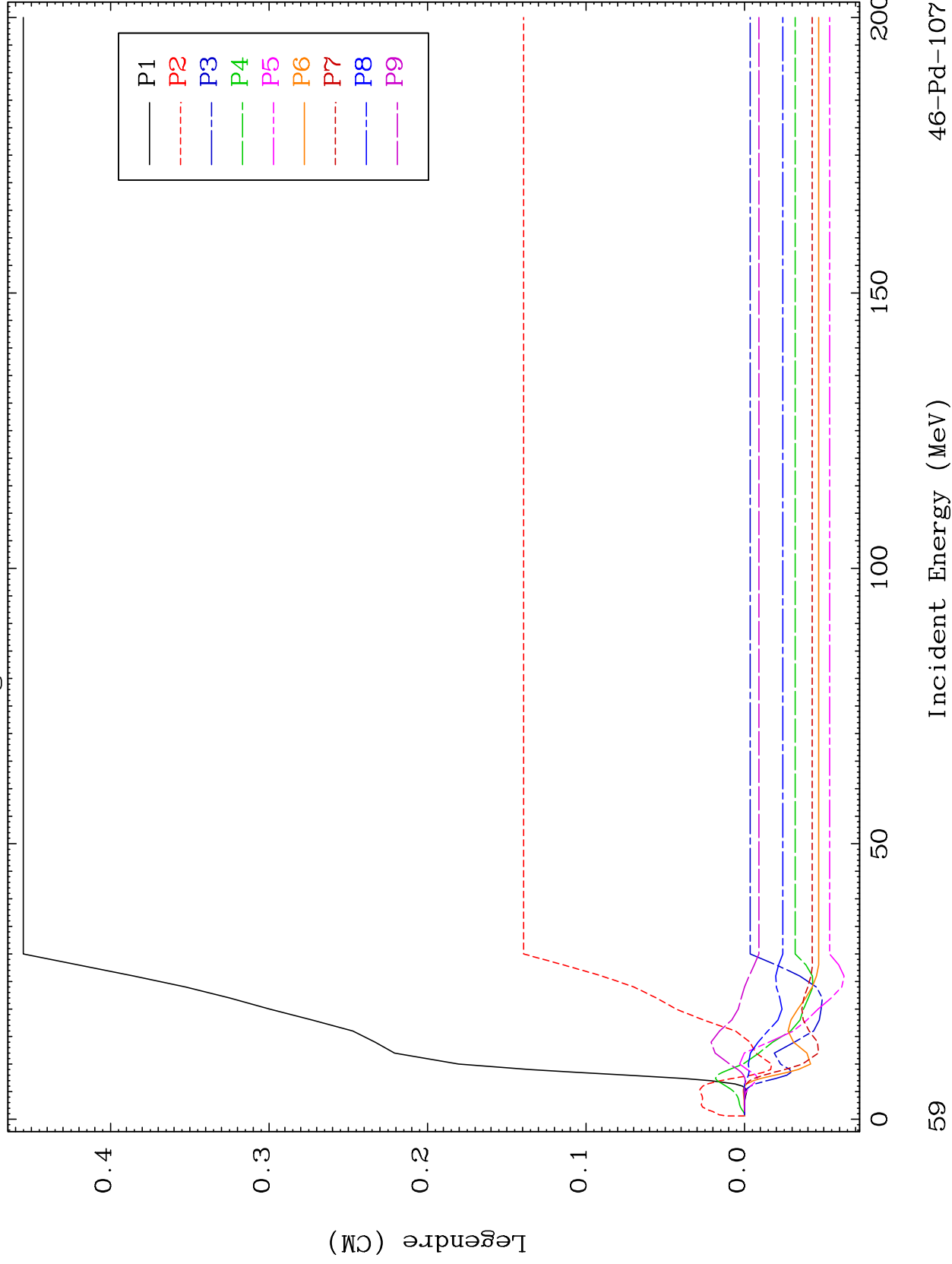




MAT 4640

567.7 keV (n,n') Level  
Legendre Coefficients

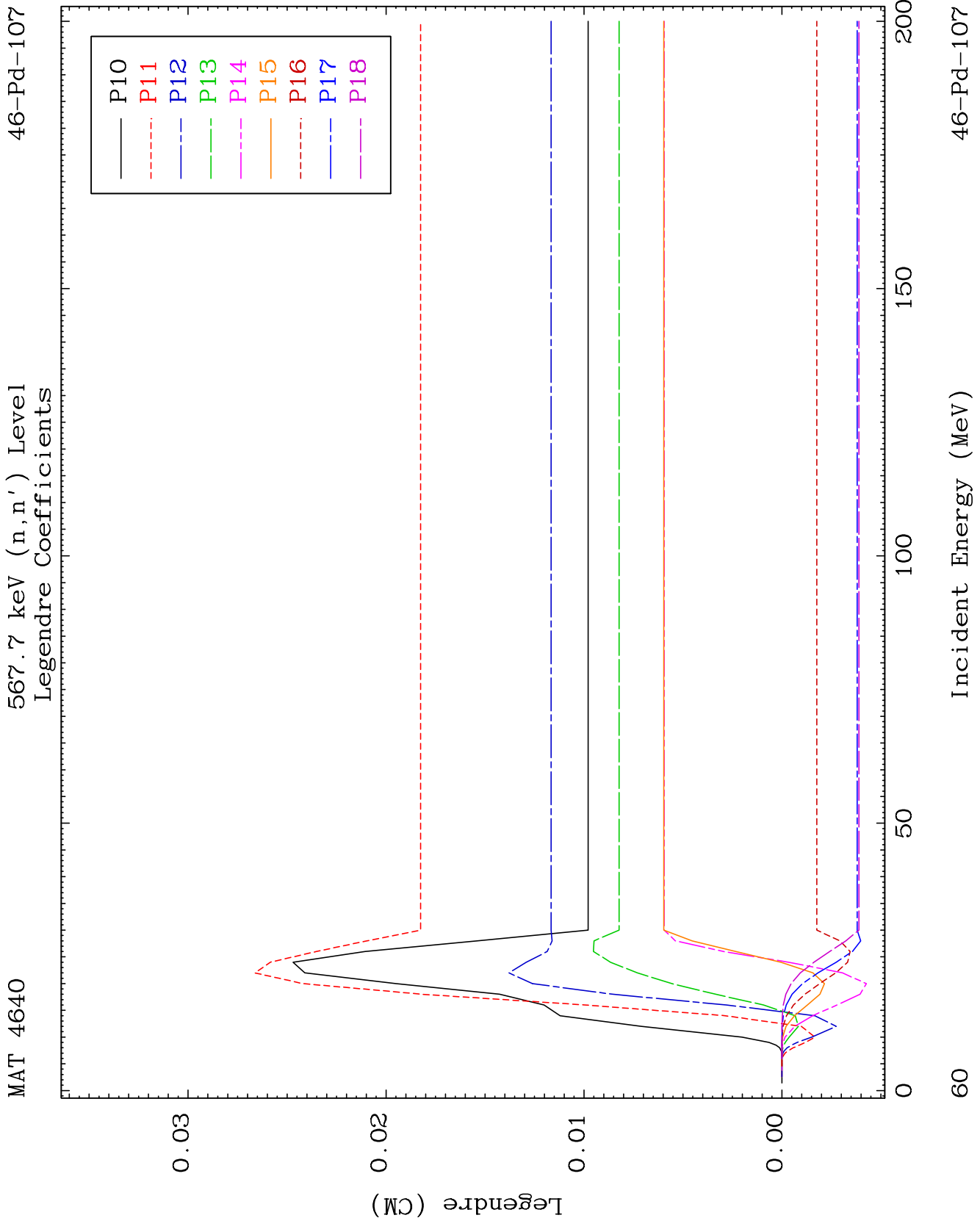
46-Pd-107

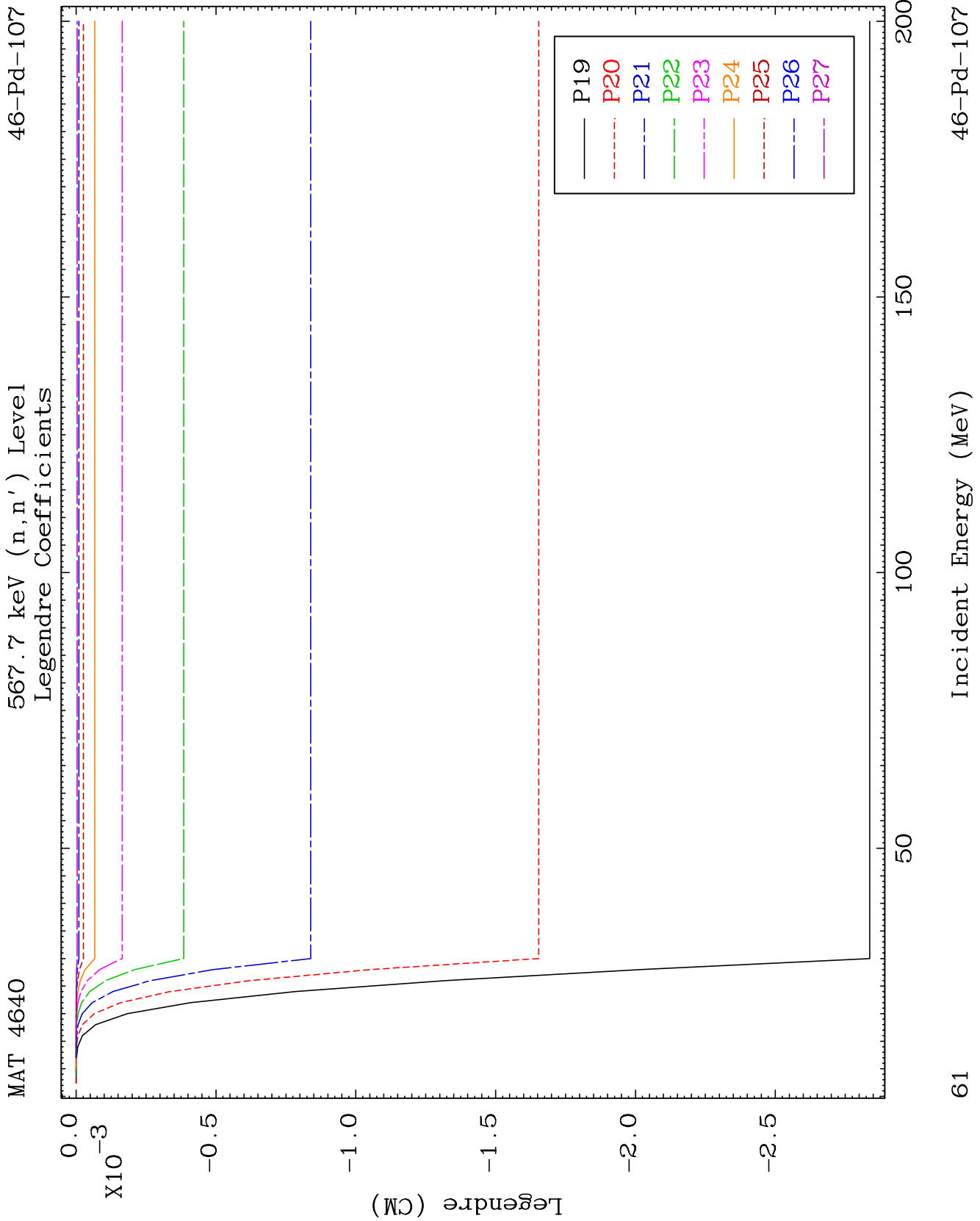


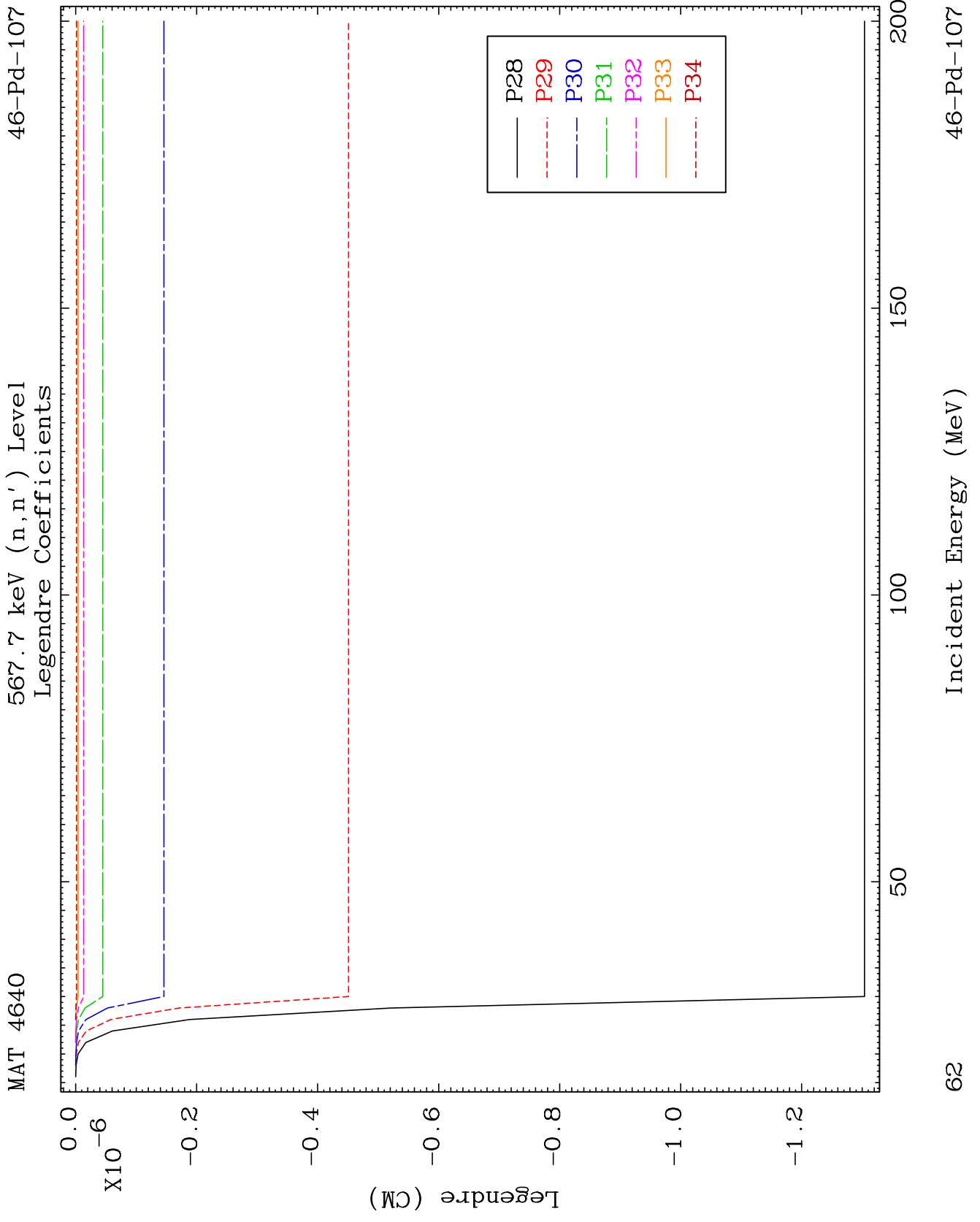
46-Pd-107

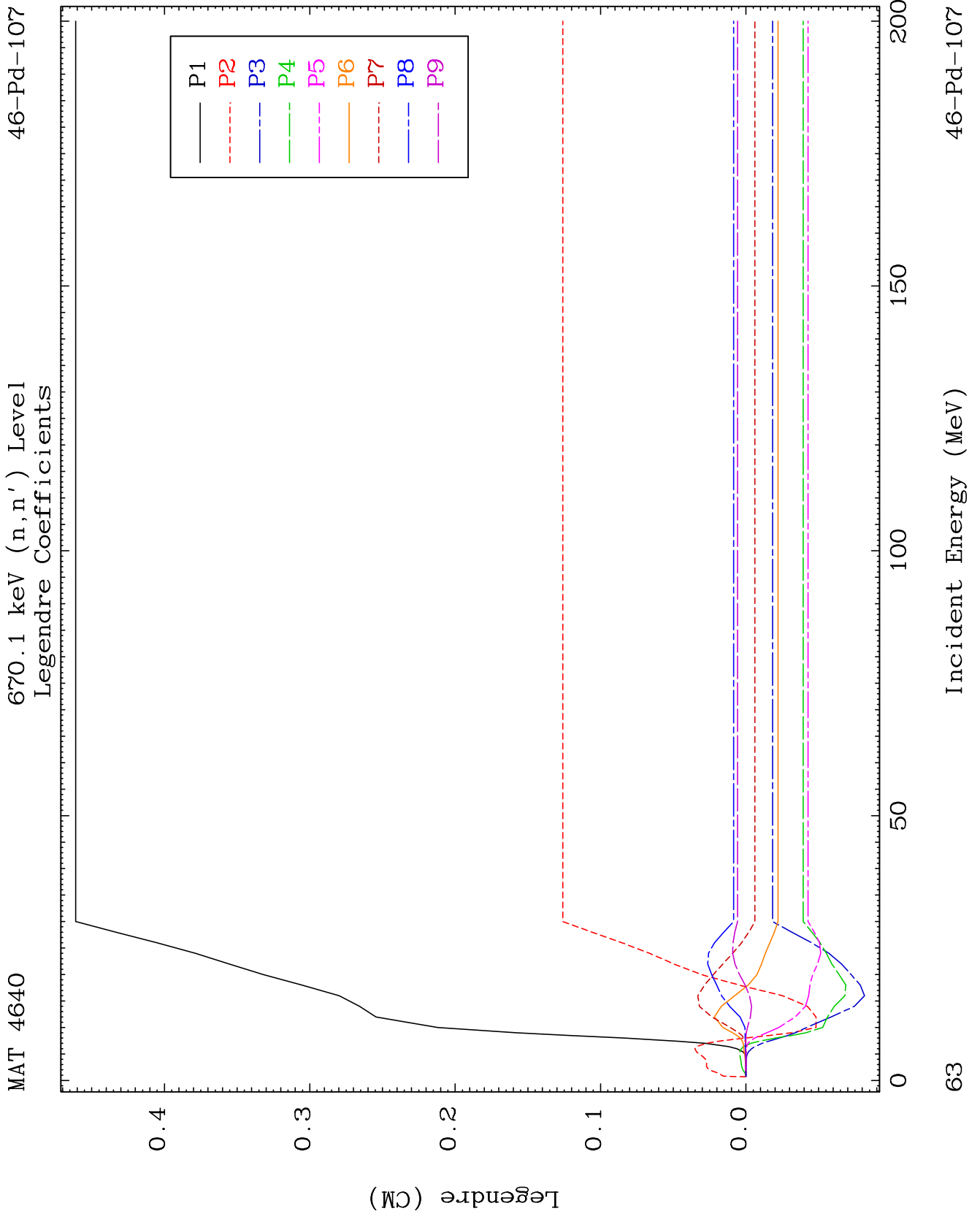
Incident Energy (MeV)

59

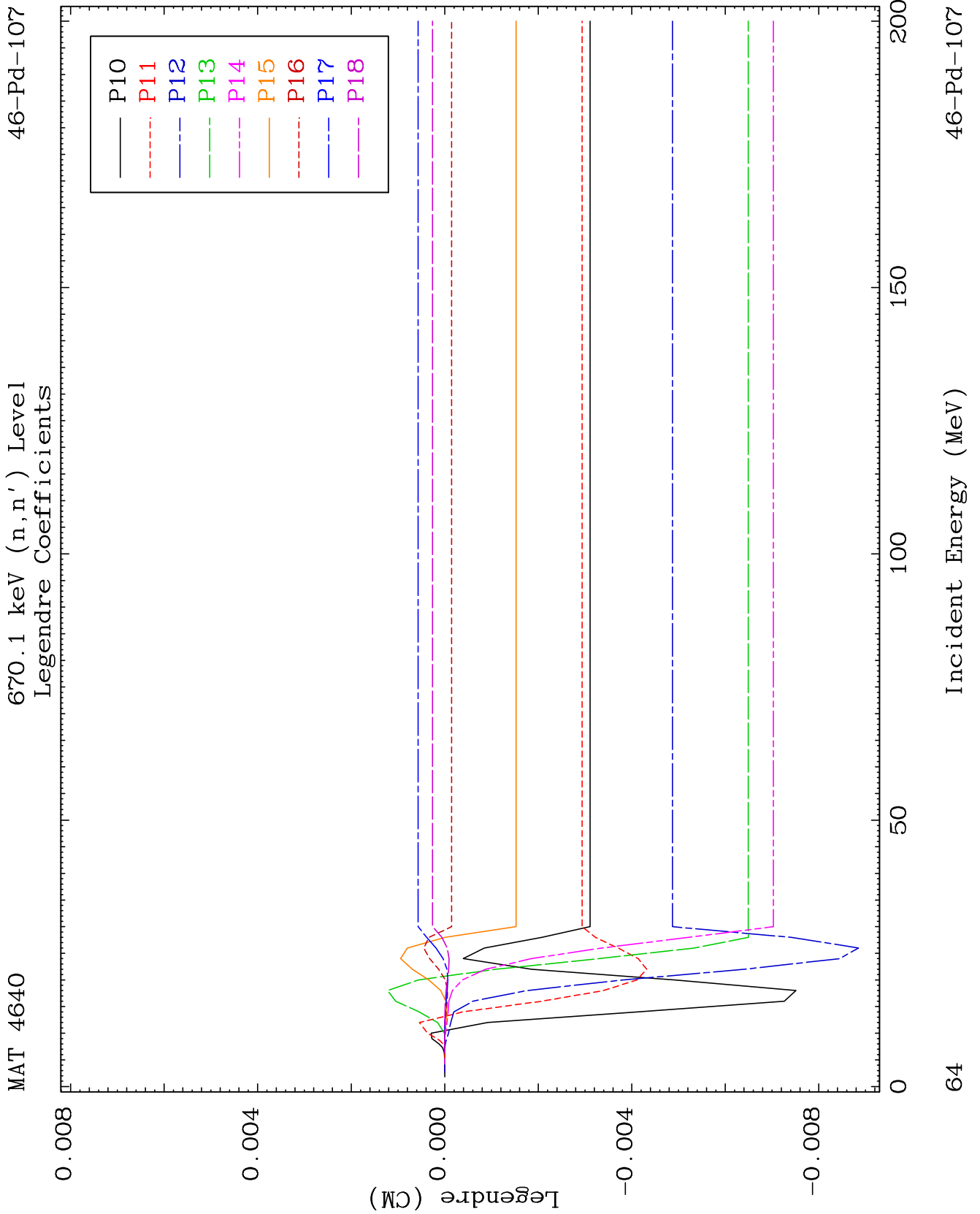








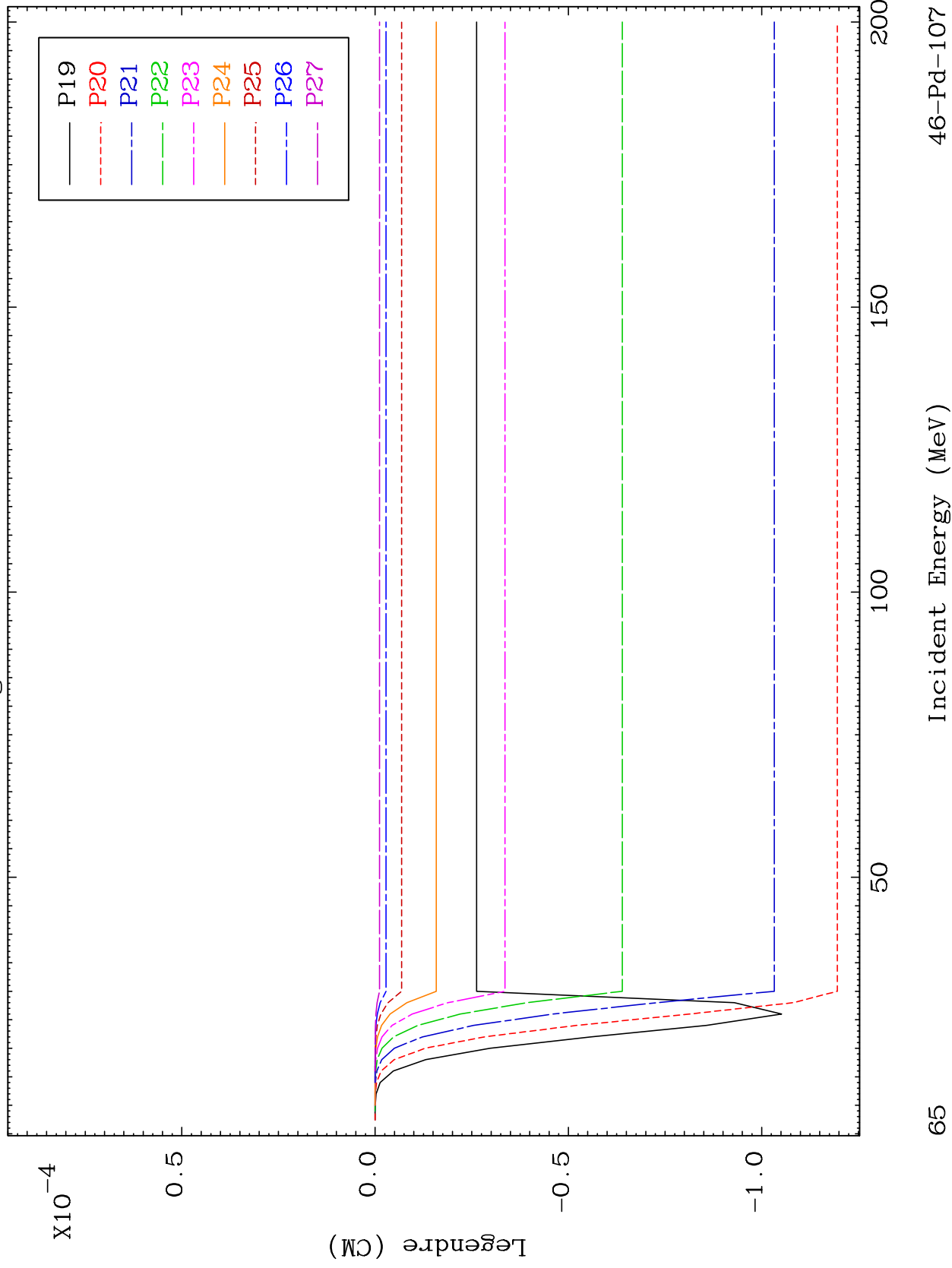




MAT 4640

670.1 keV (n,n') Level  
Legendre Coefficients

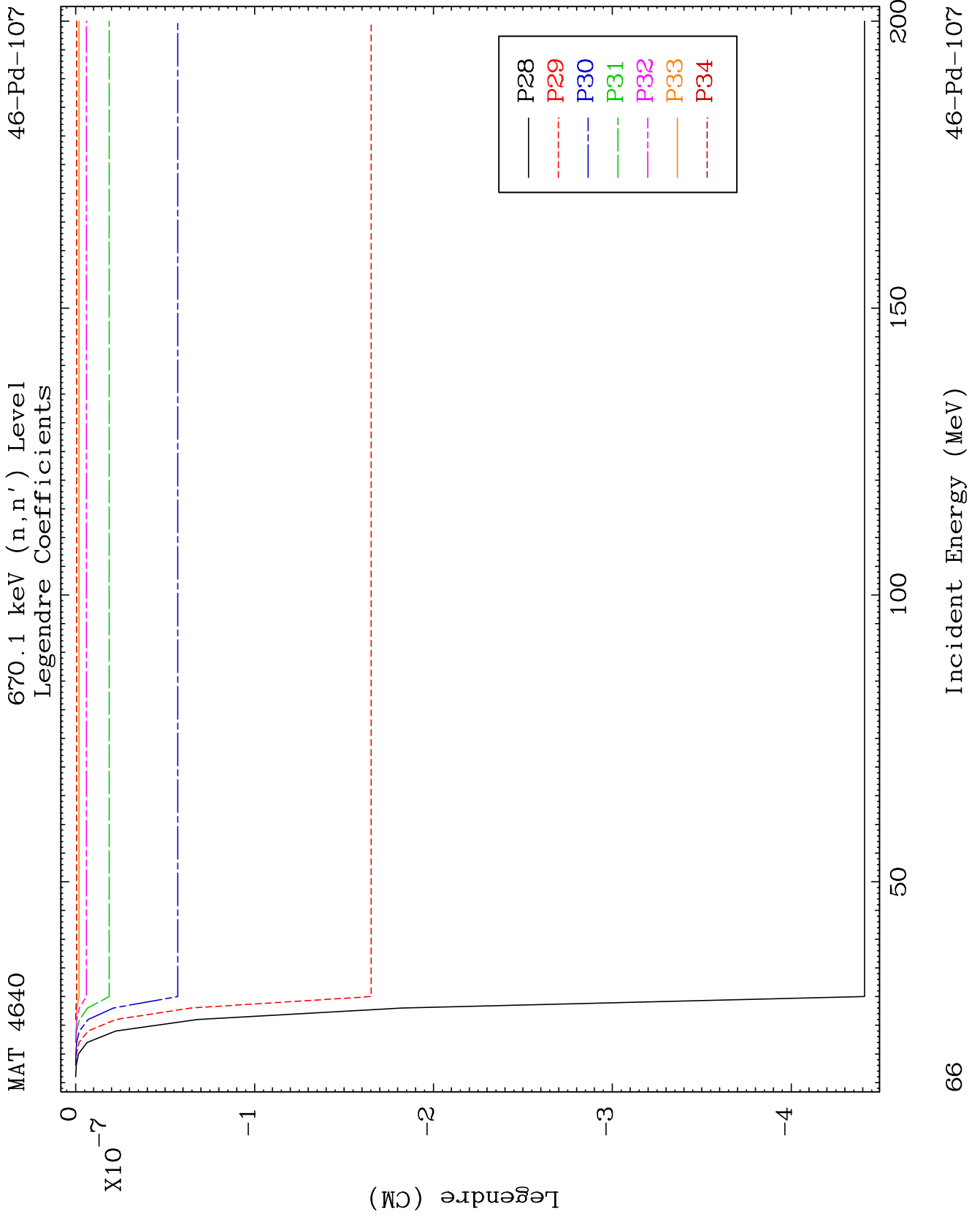
46-Pd-107



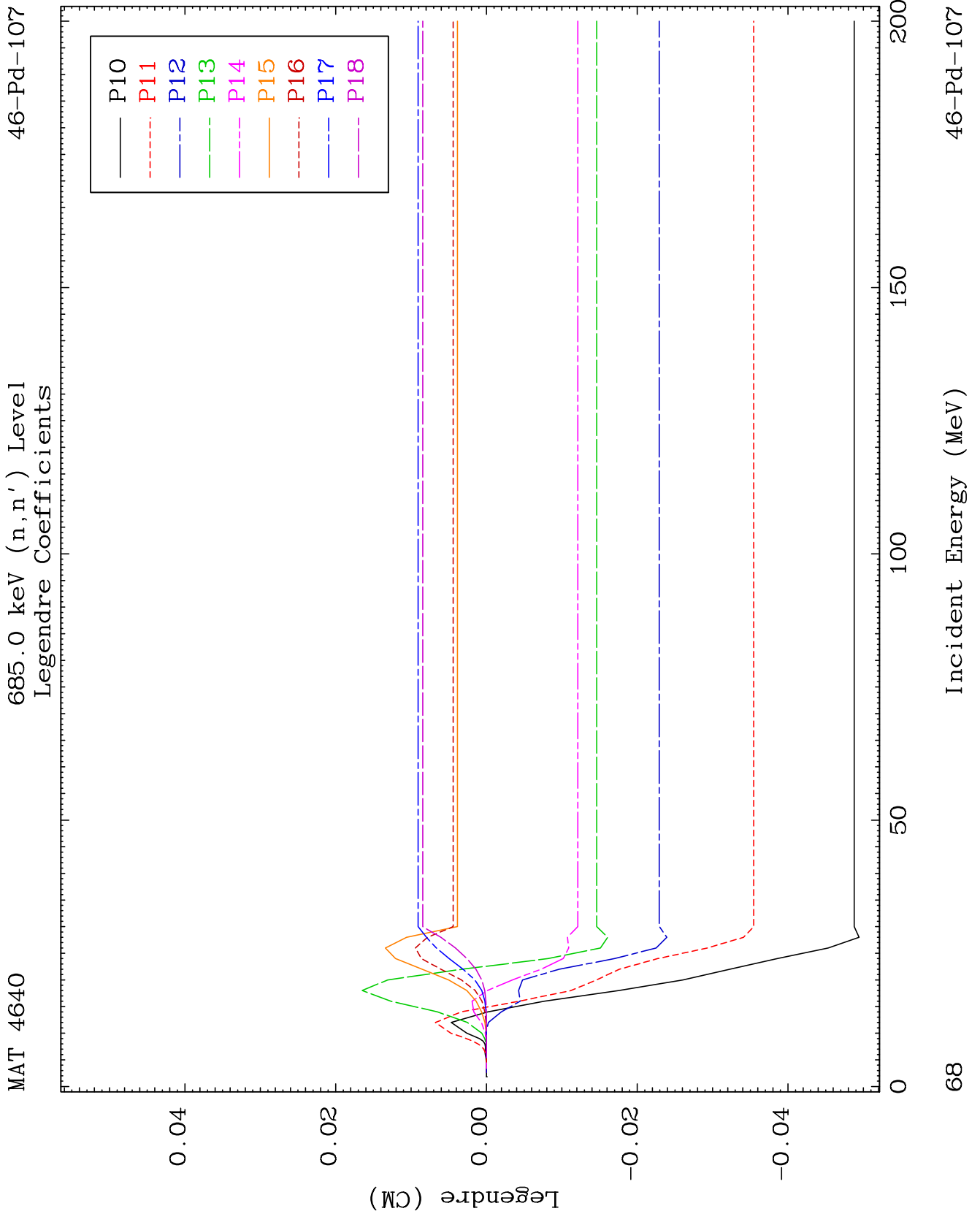
65

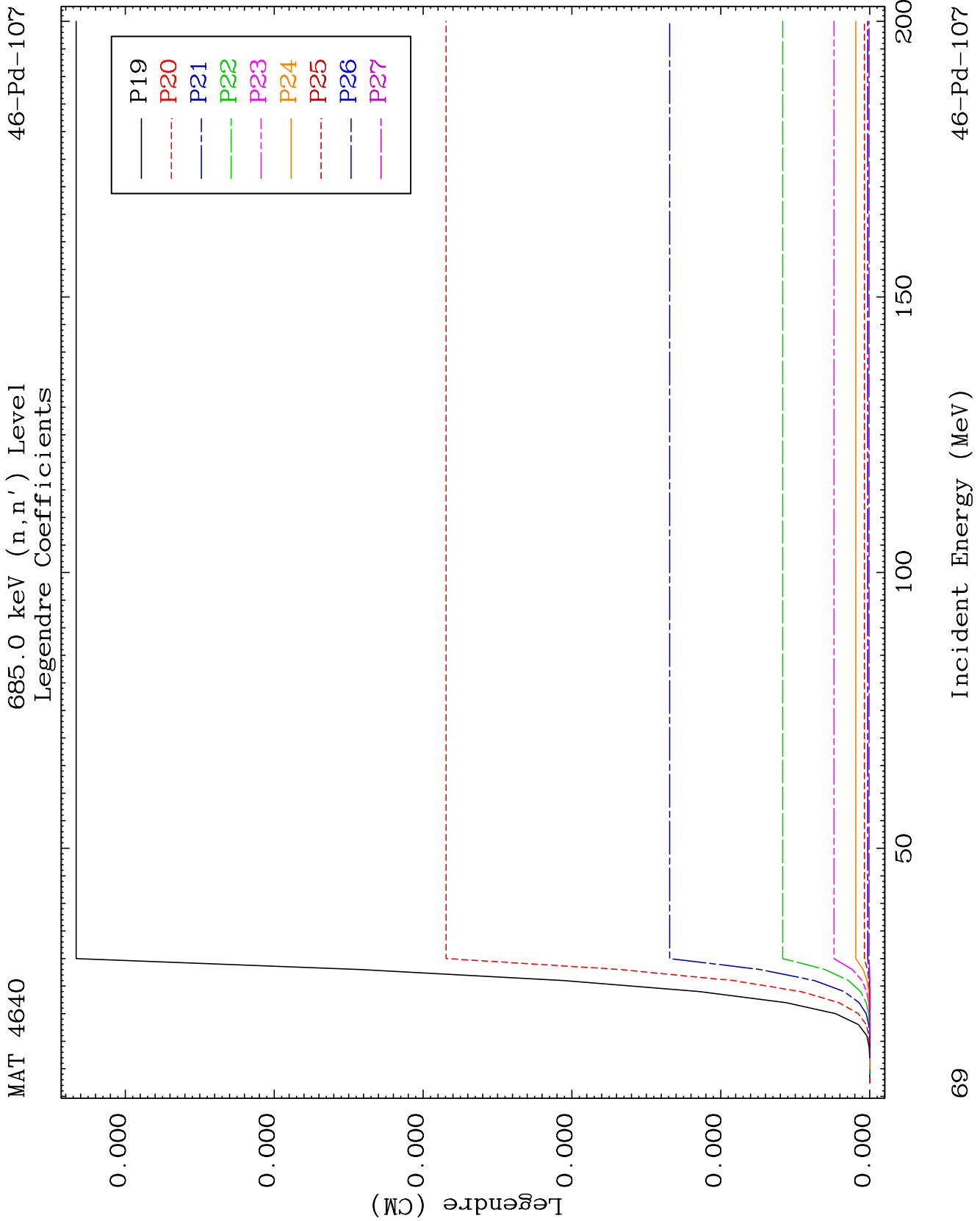
Incident Energy (MeV)

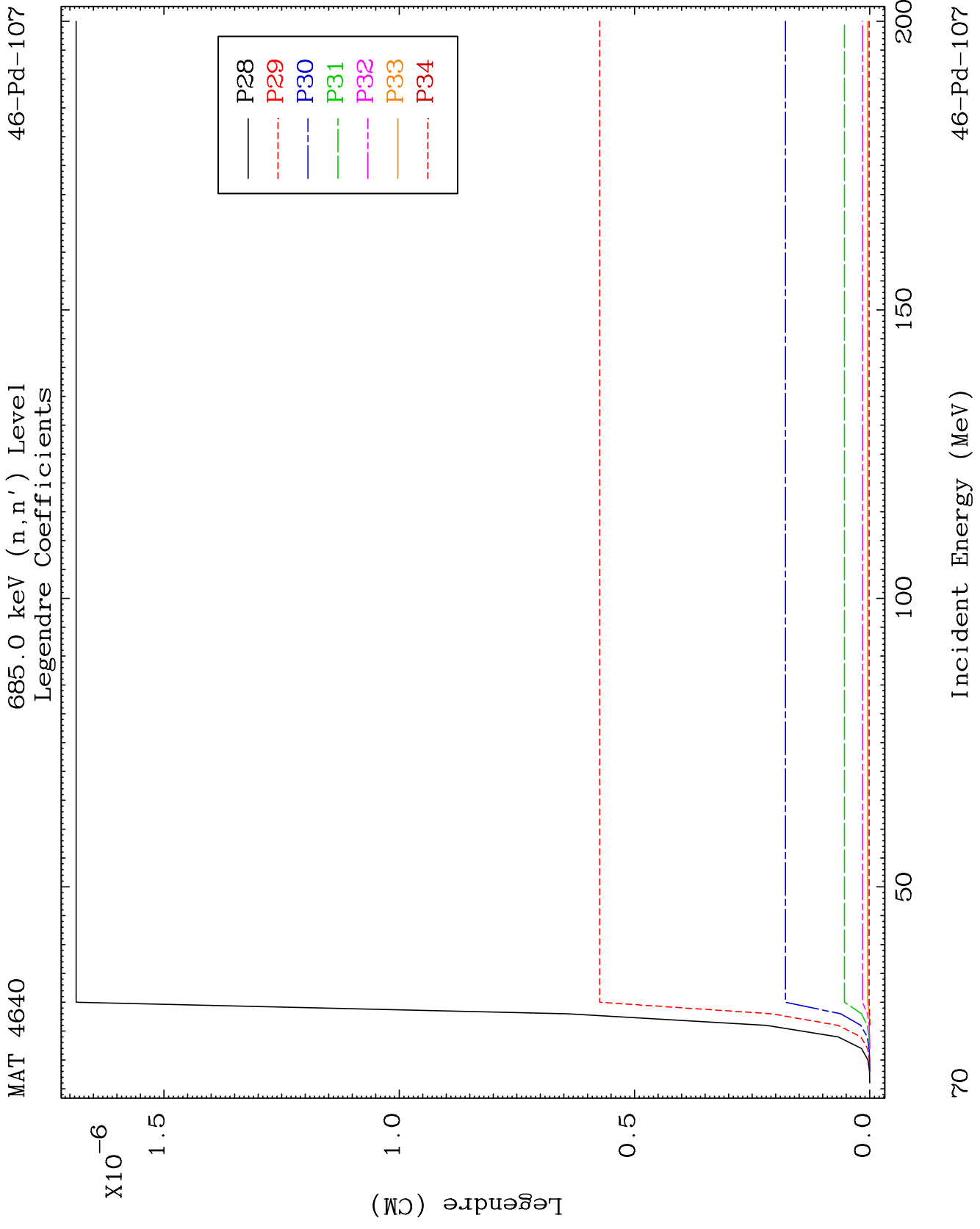
46-Pd-107

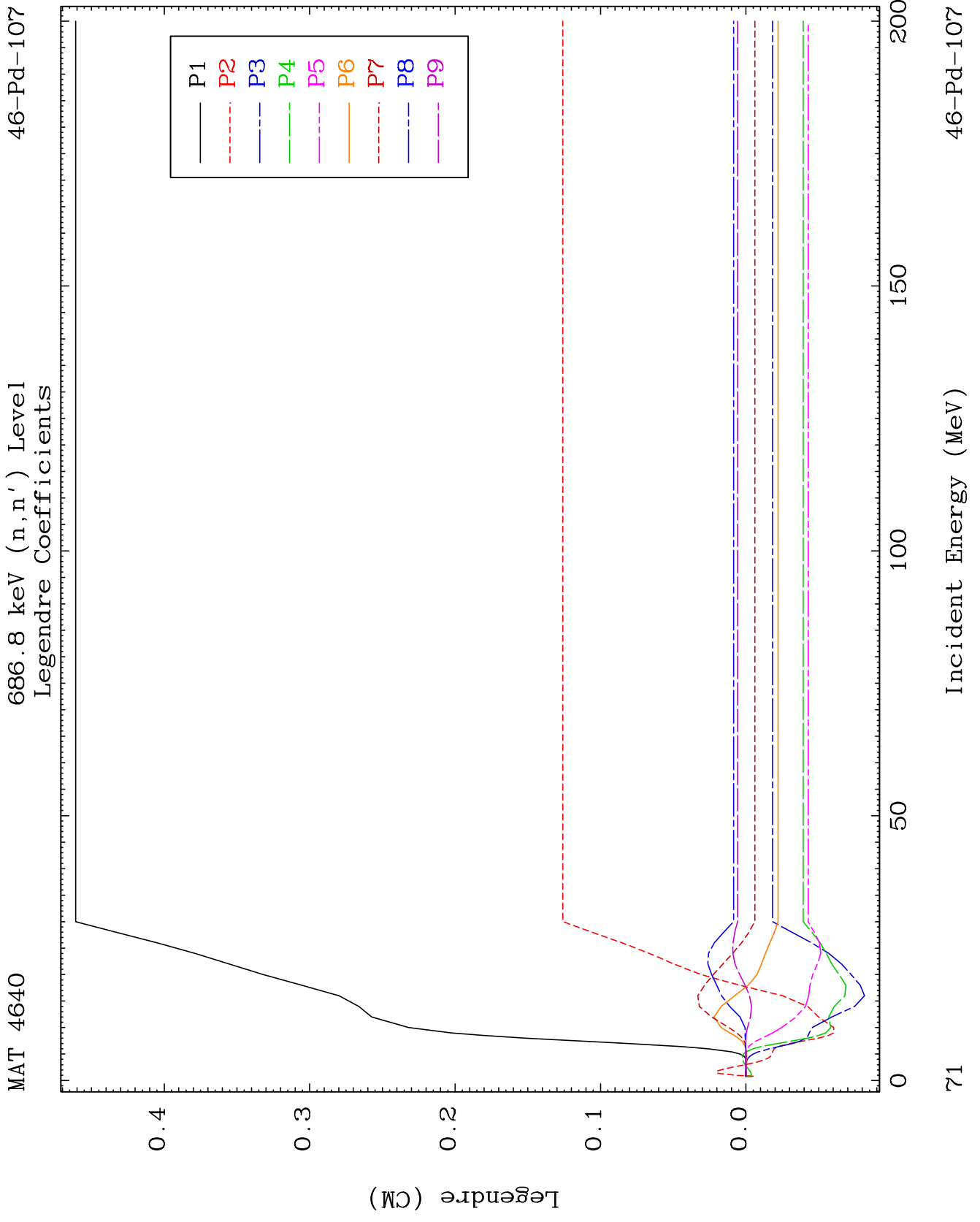




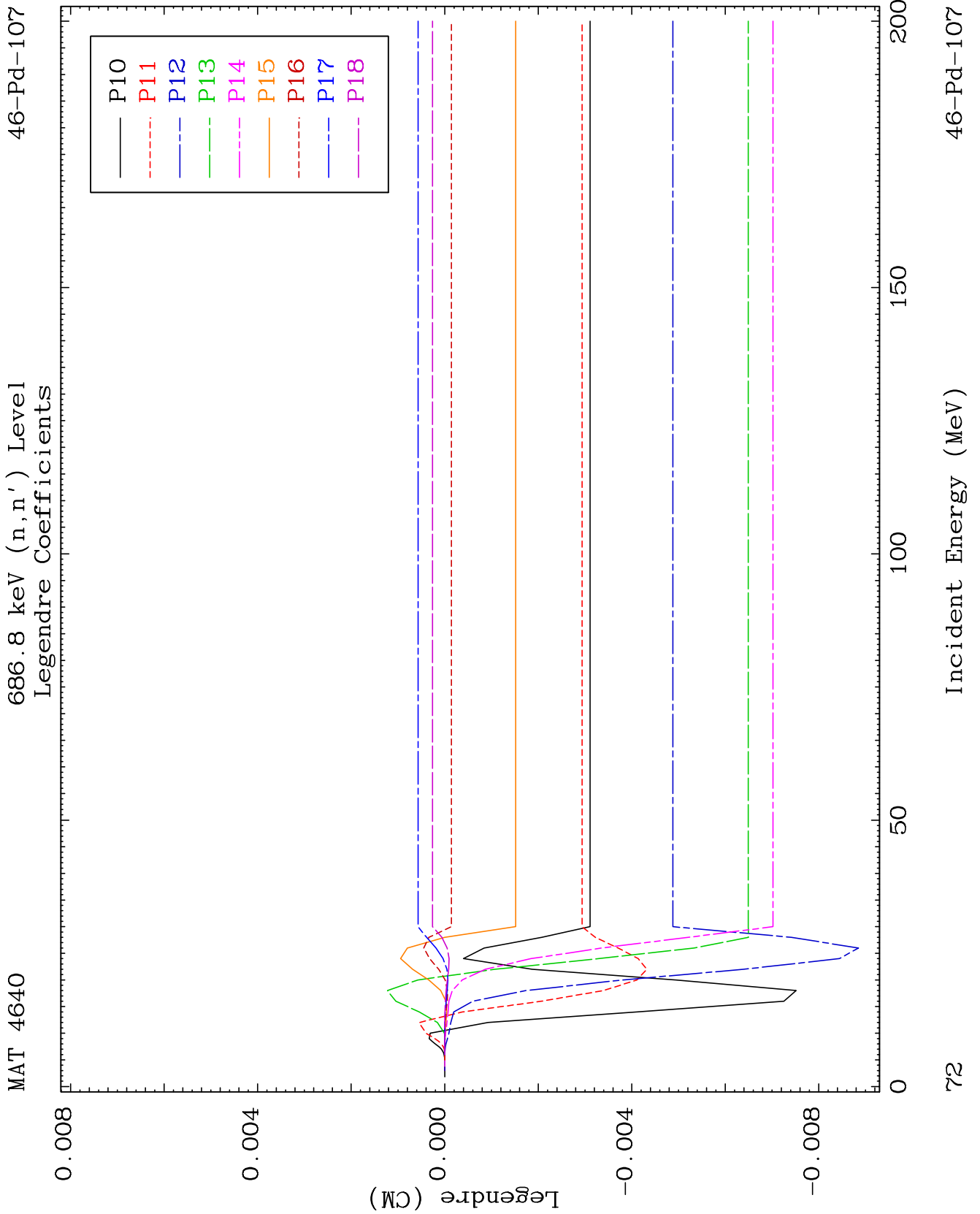








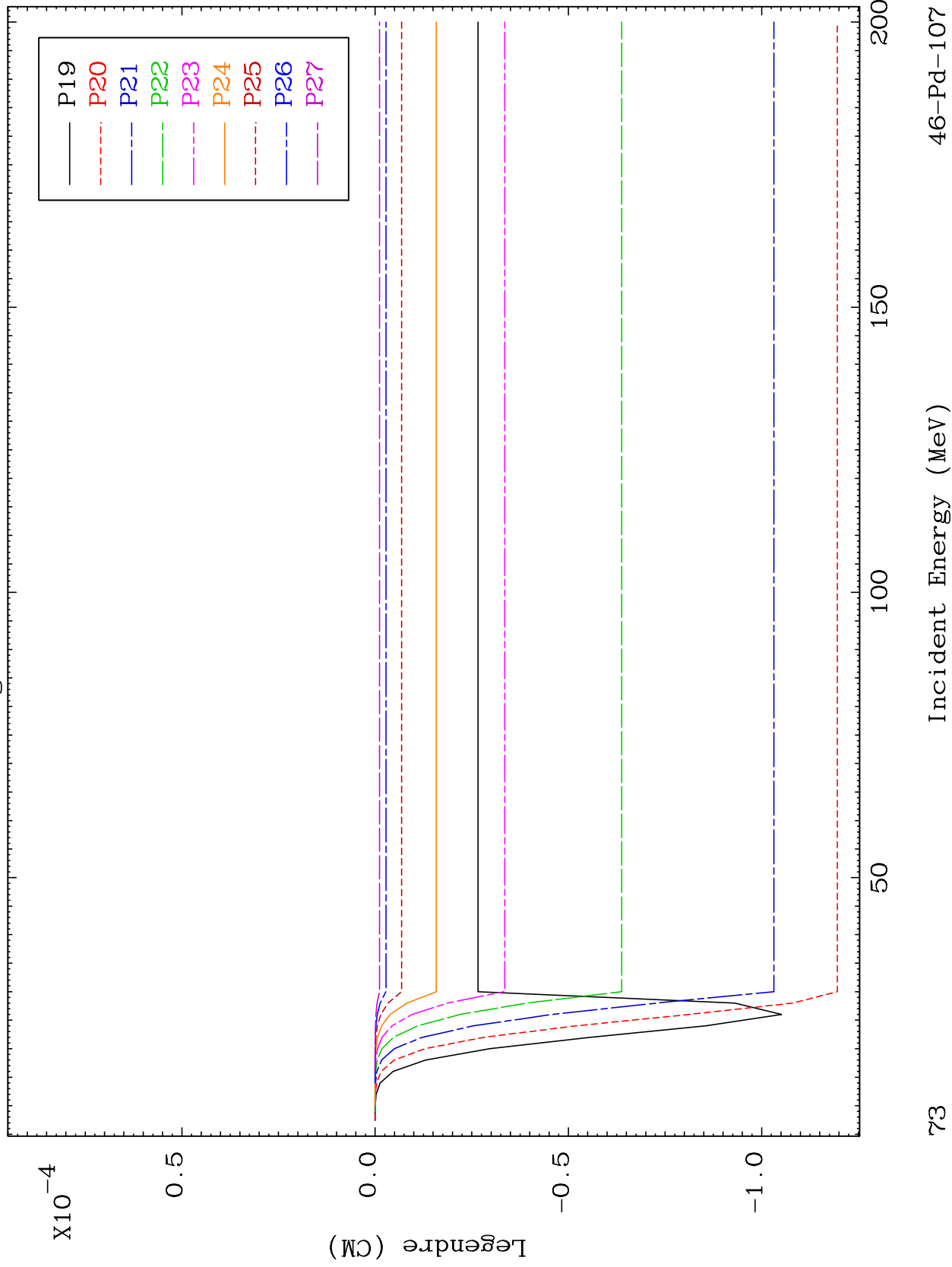


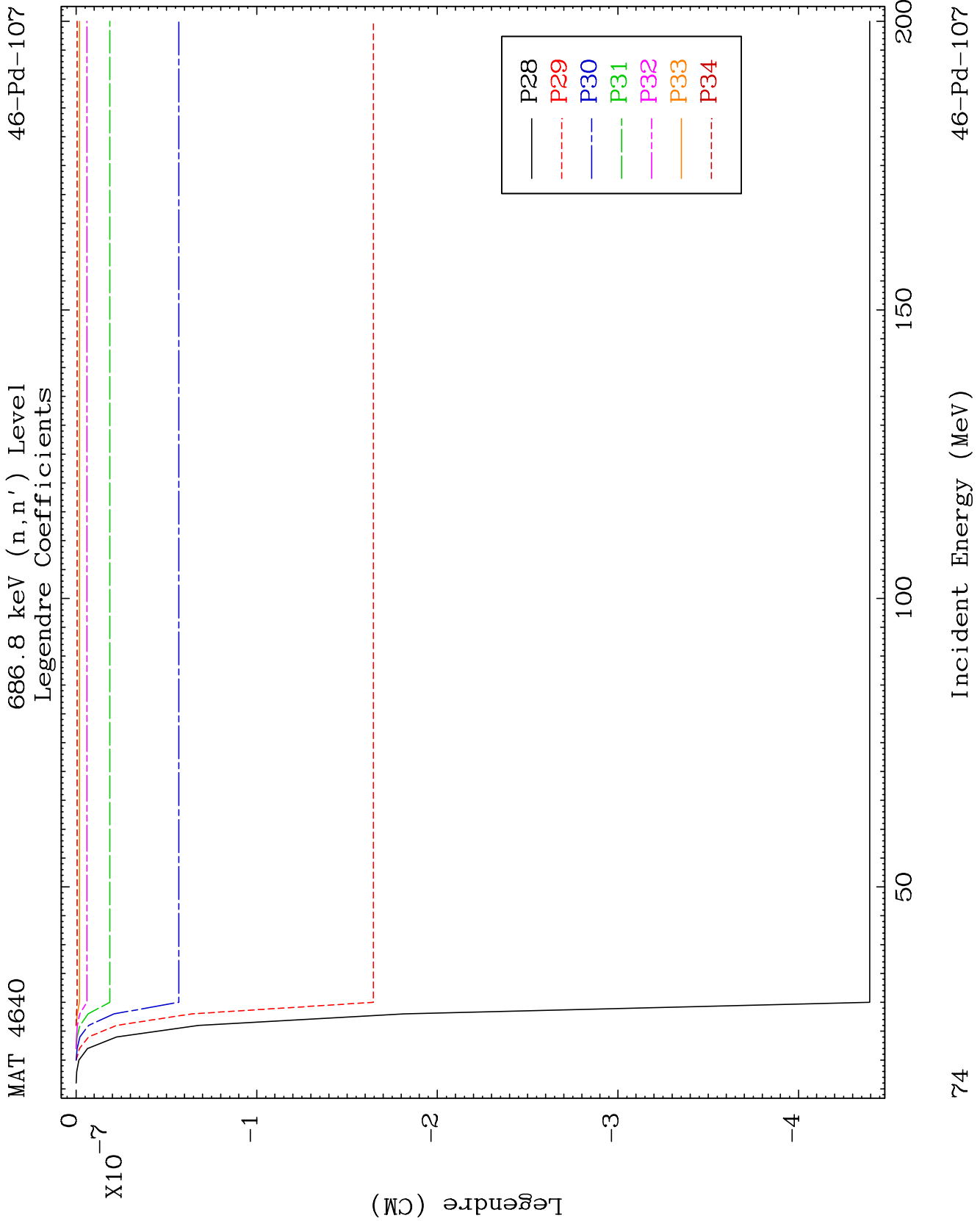


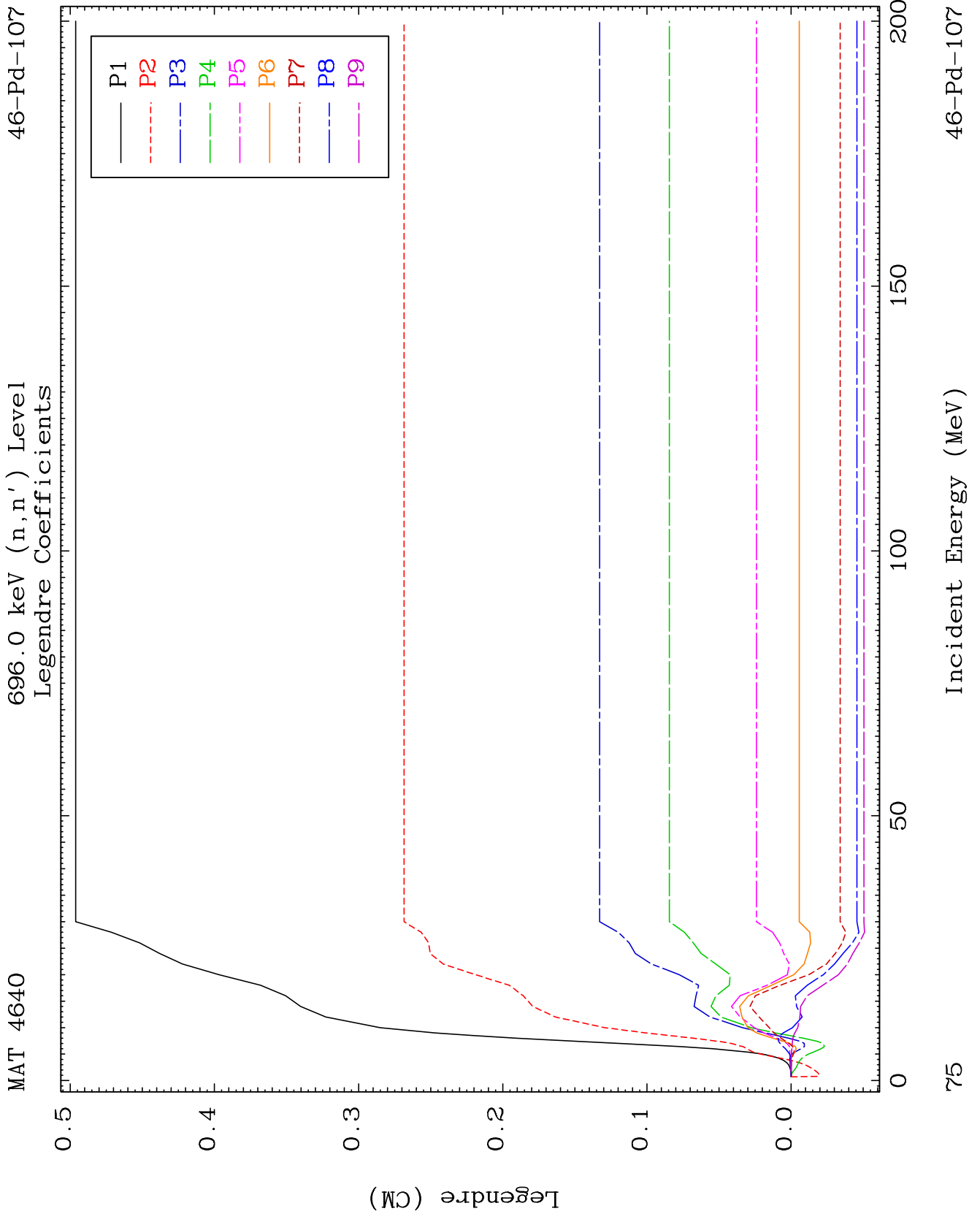
MAT 4640

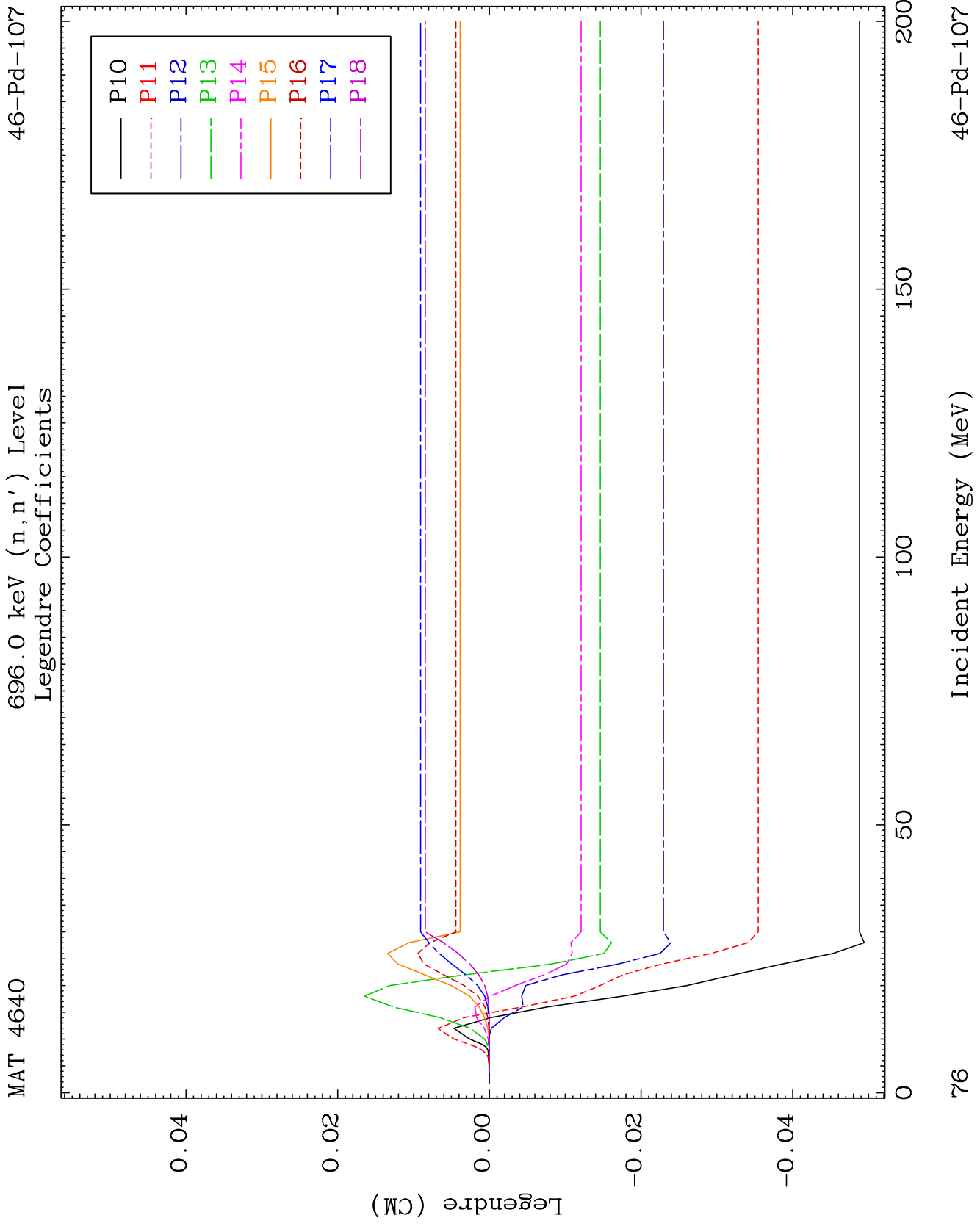
686.8 keV (n, n') Level  
Legendre Coefficients

46-Pd-107

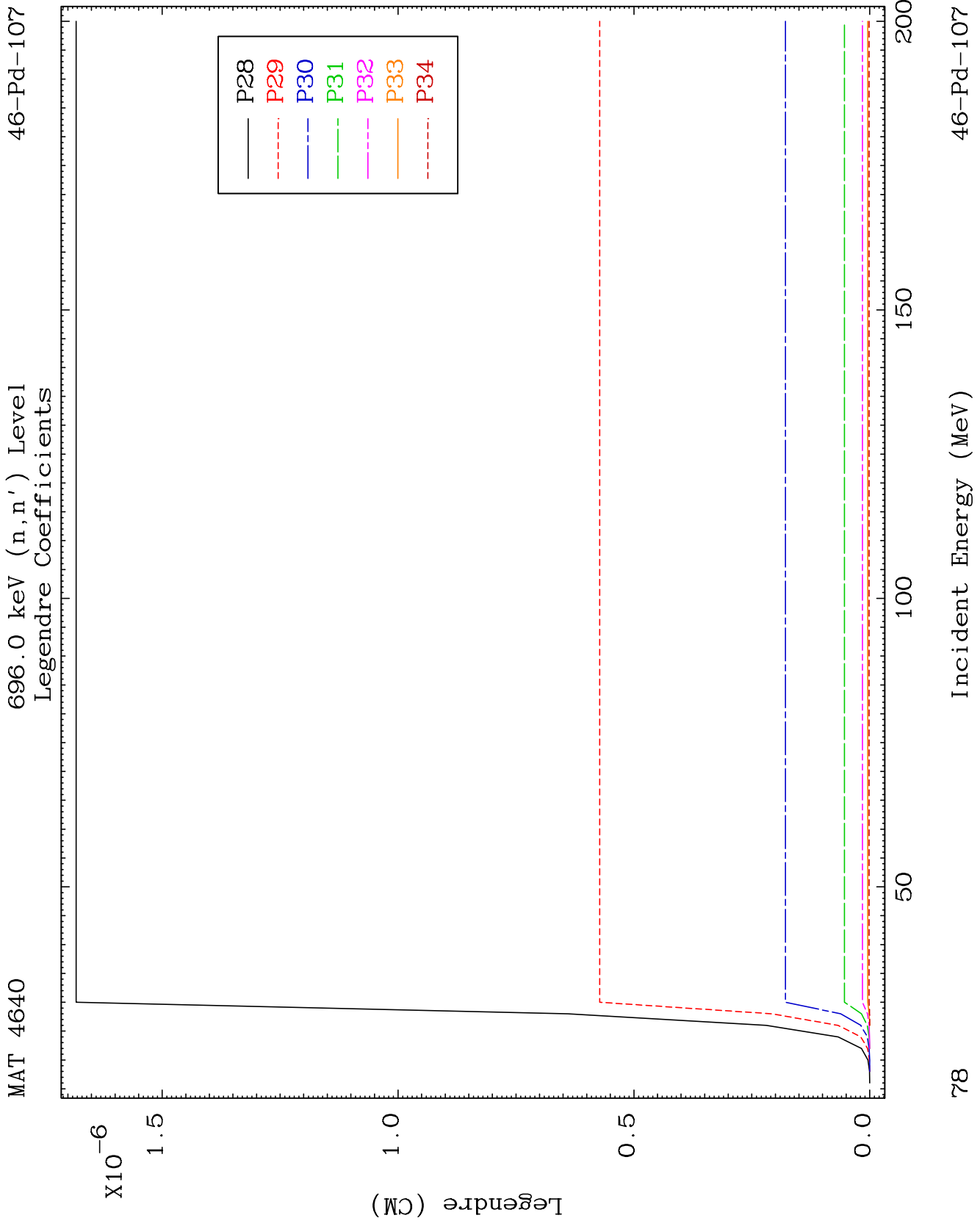








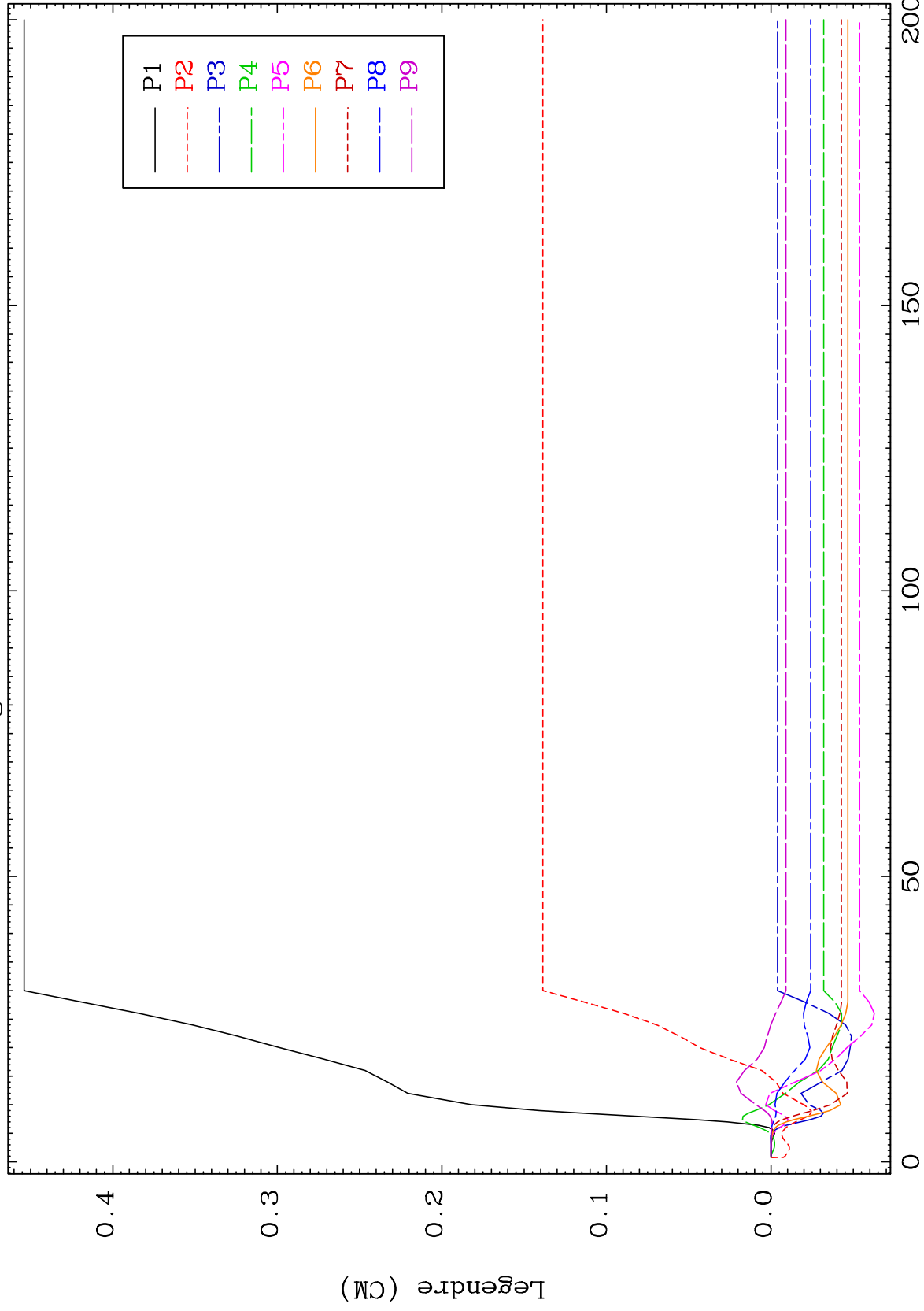




MAT 4640

727.7 keV (n,n') Level  
Legendre Coefficients

46-Pd-107



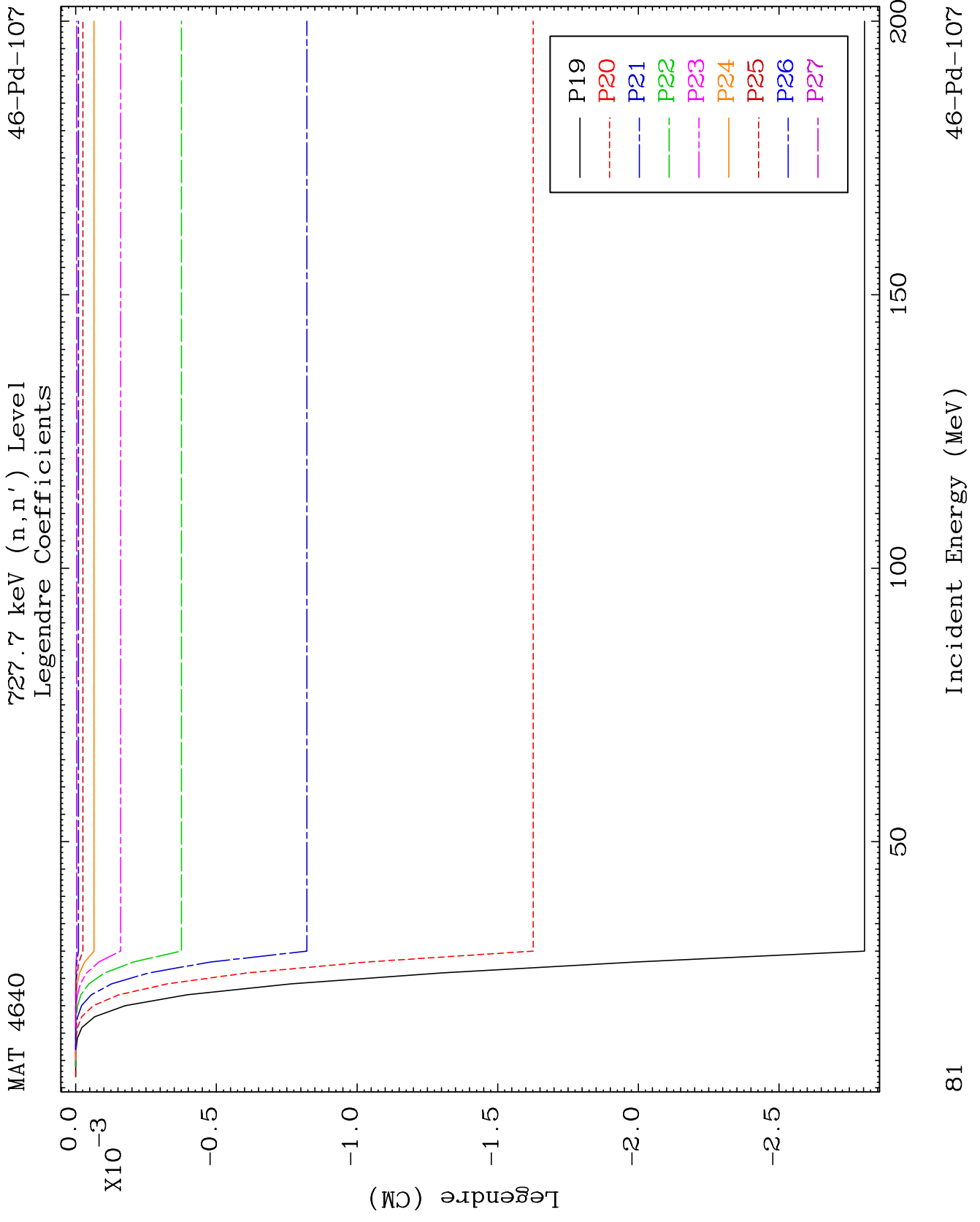
79

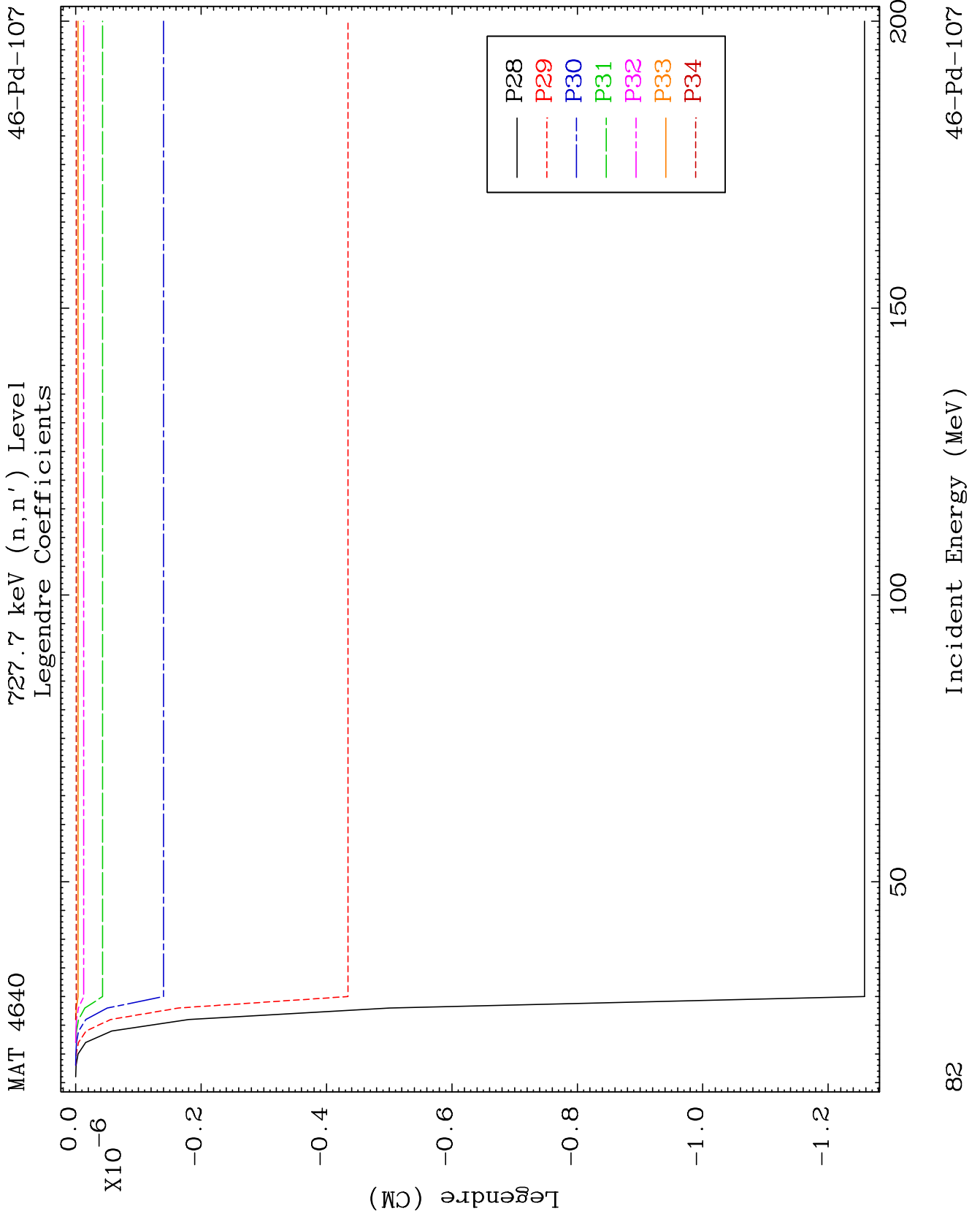
Incident Energy (MeV)

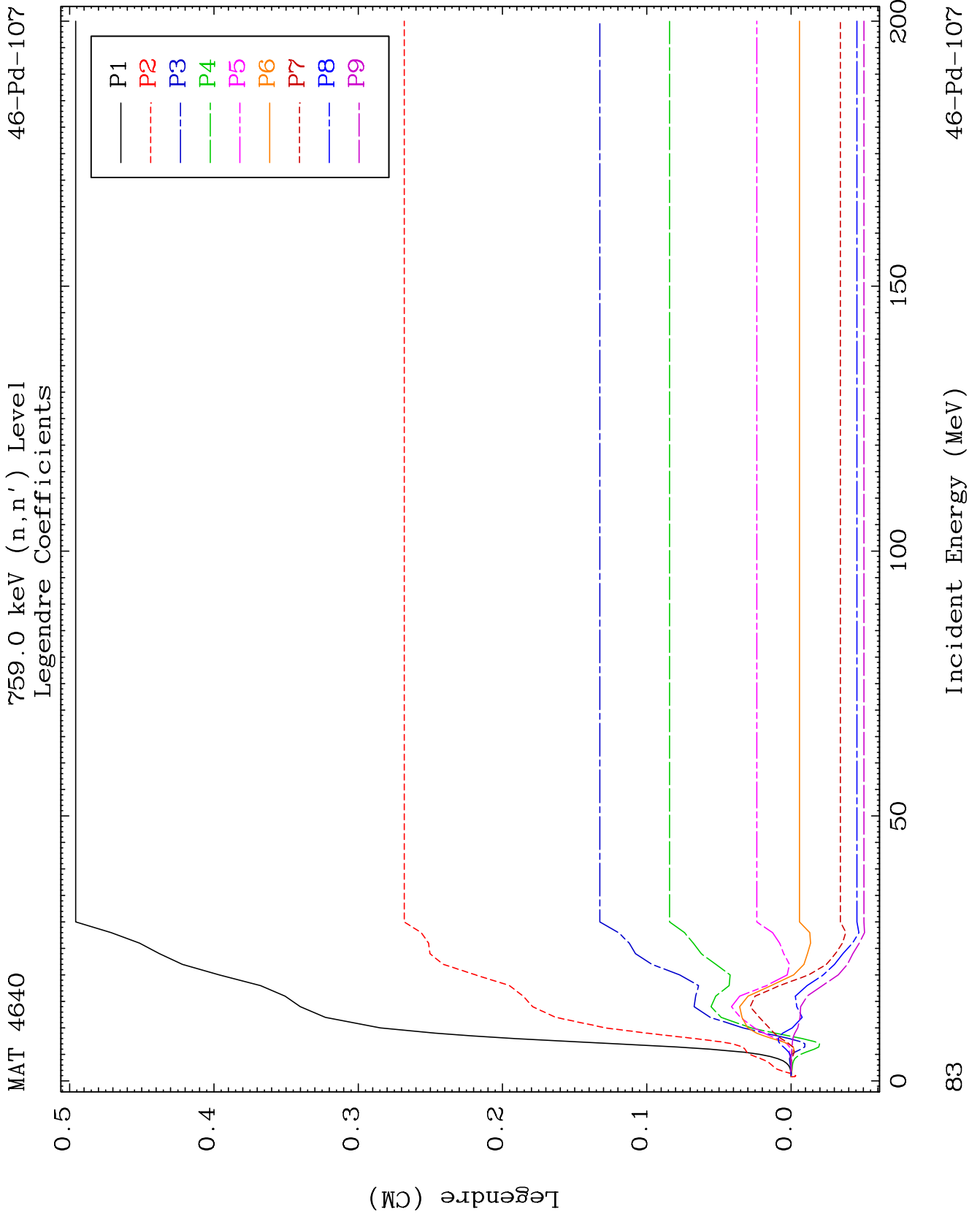
46-Pd-107

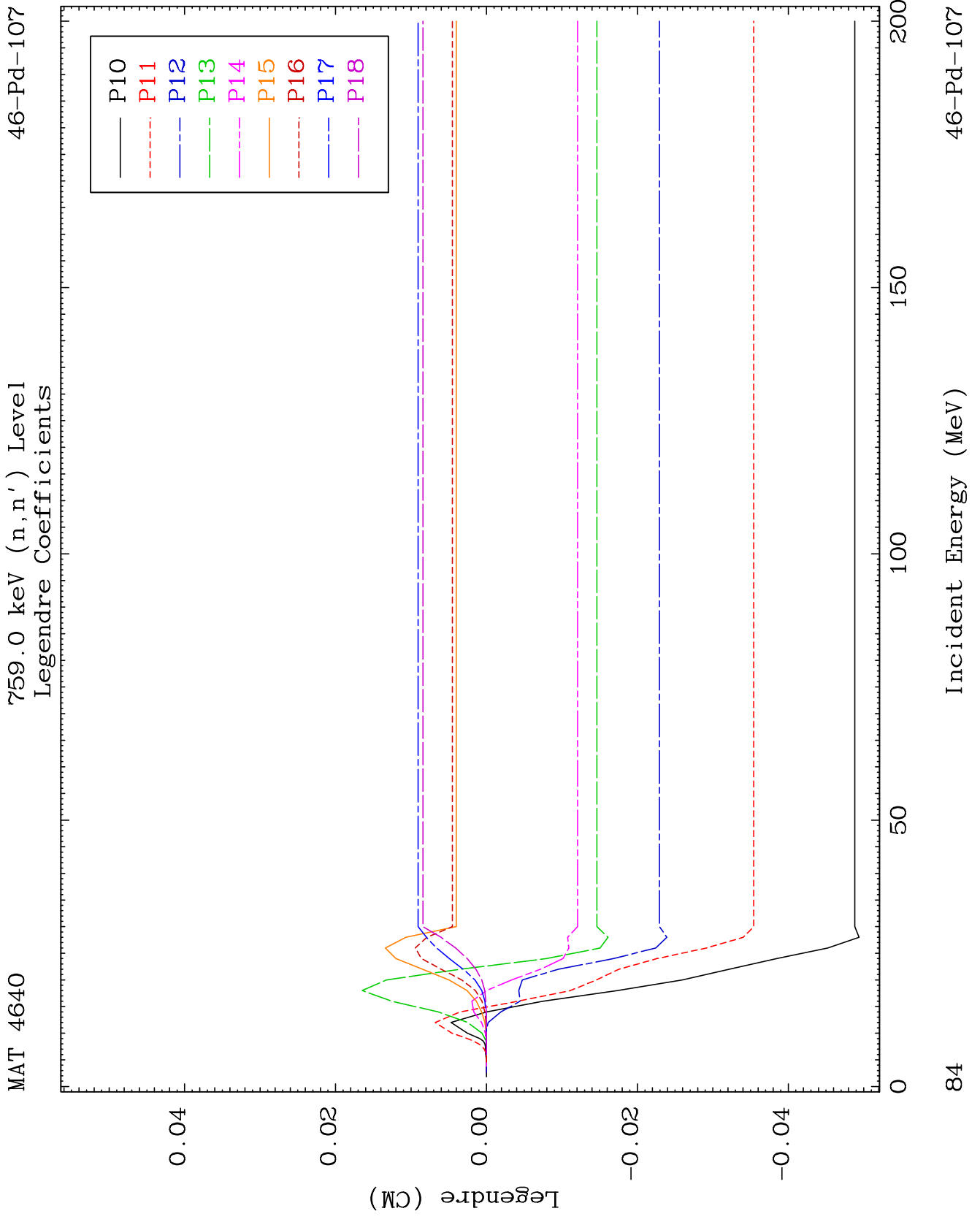


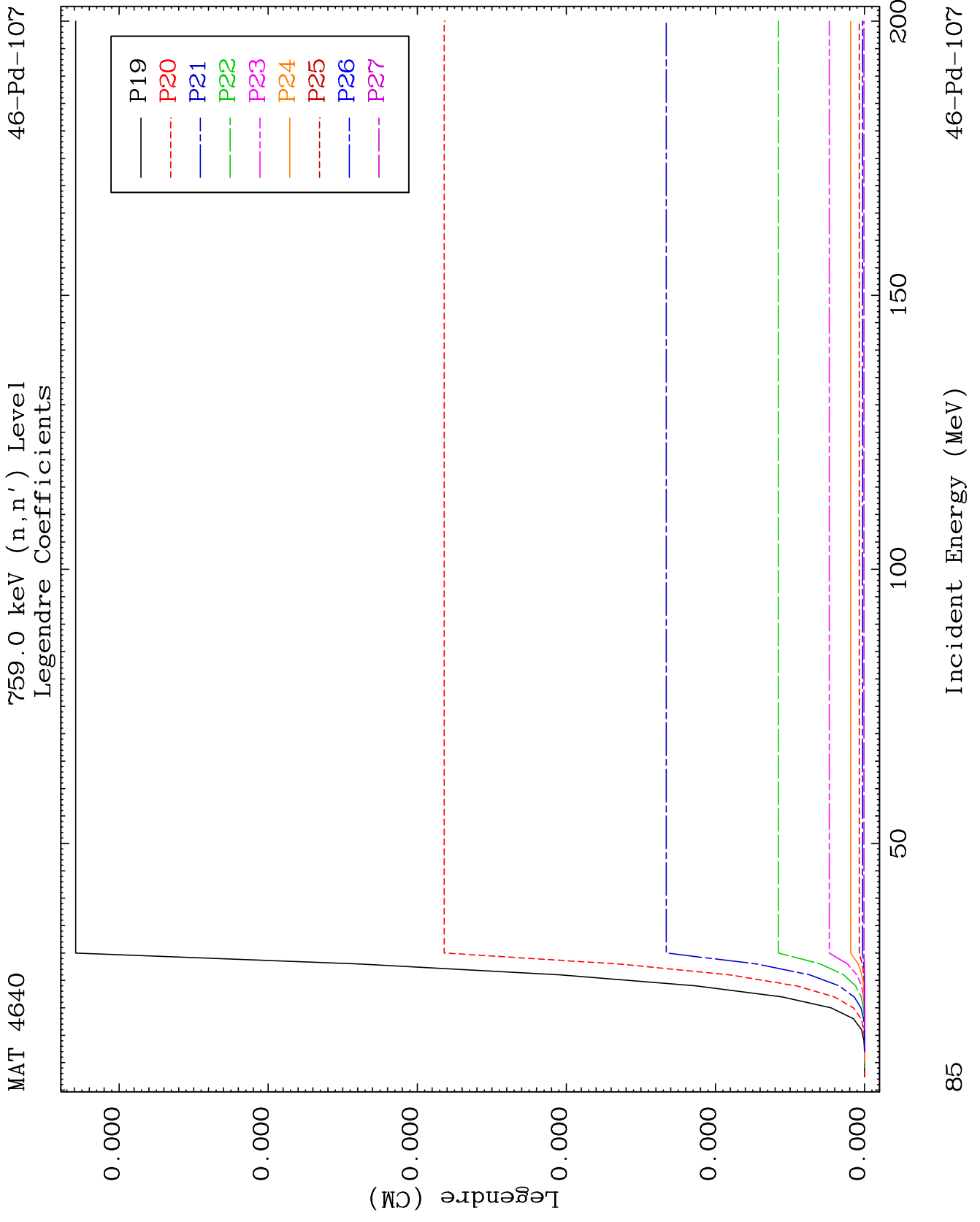




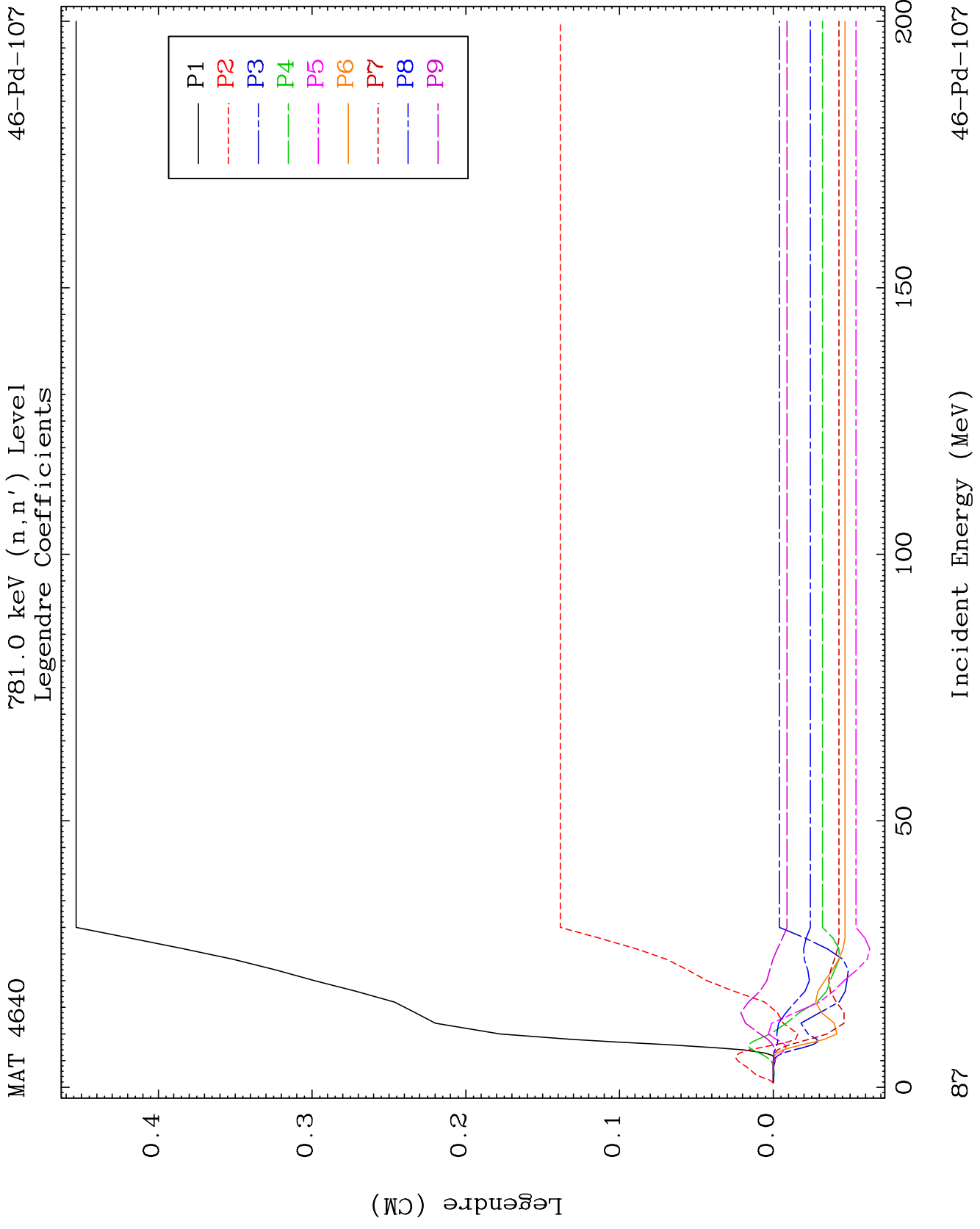






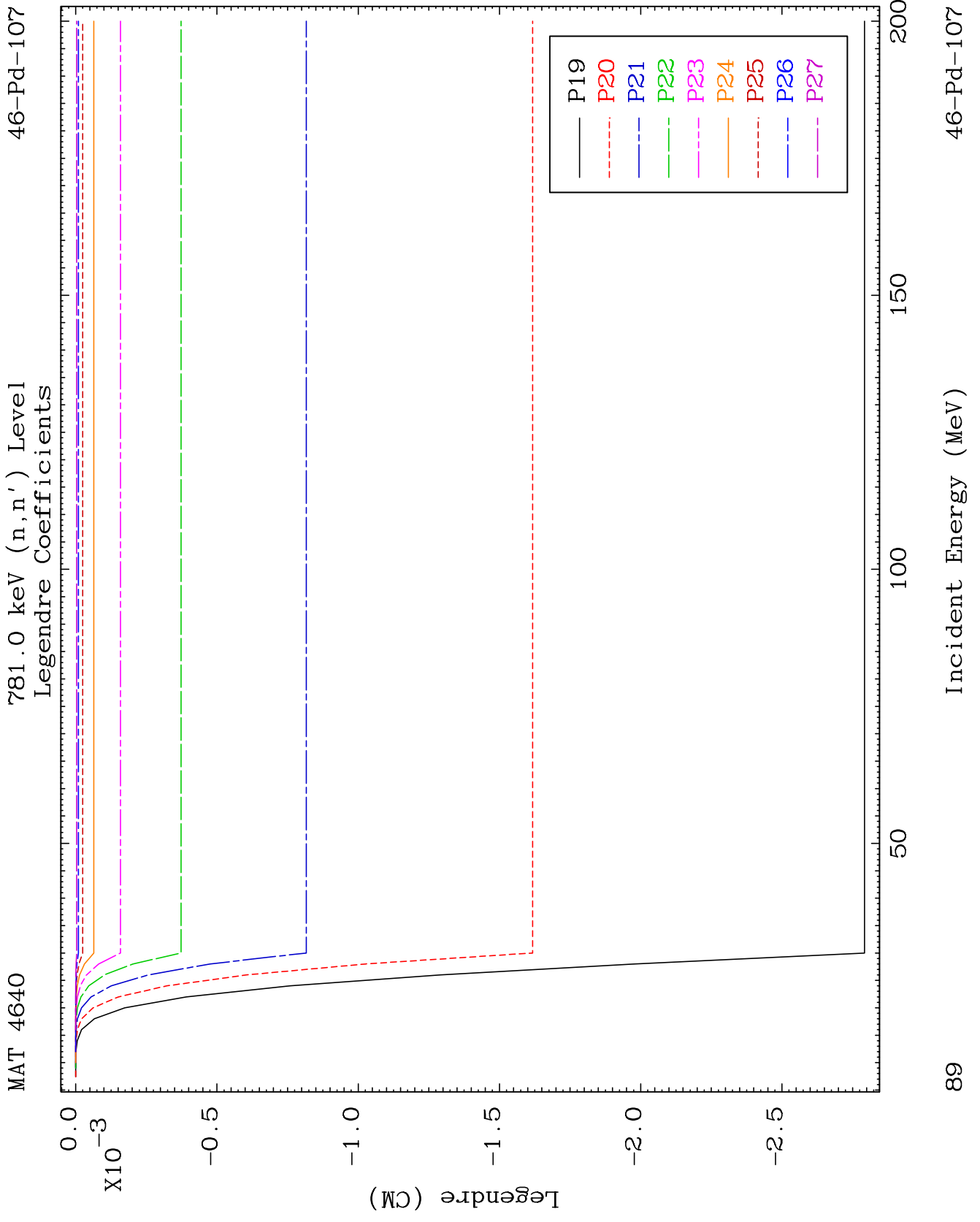


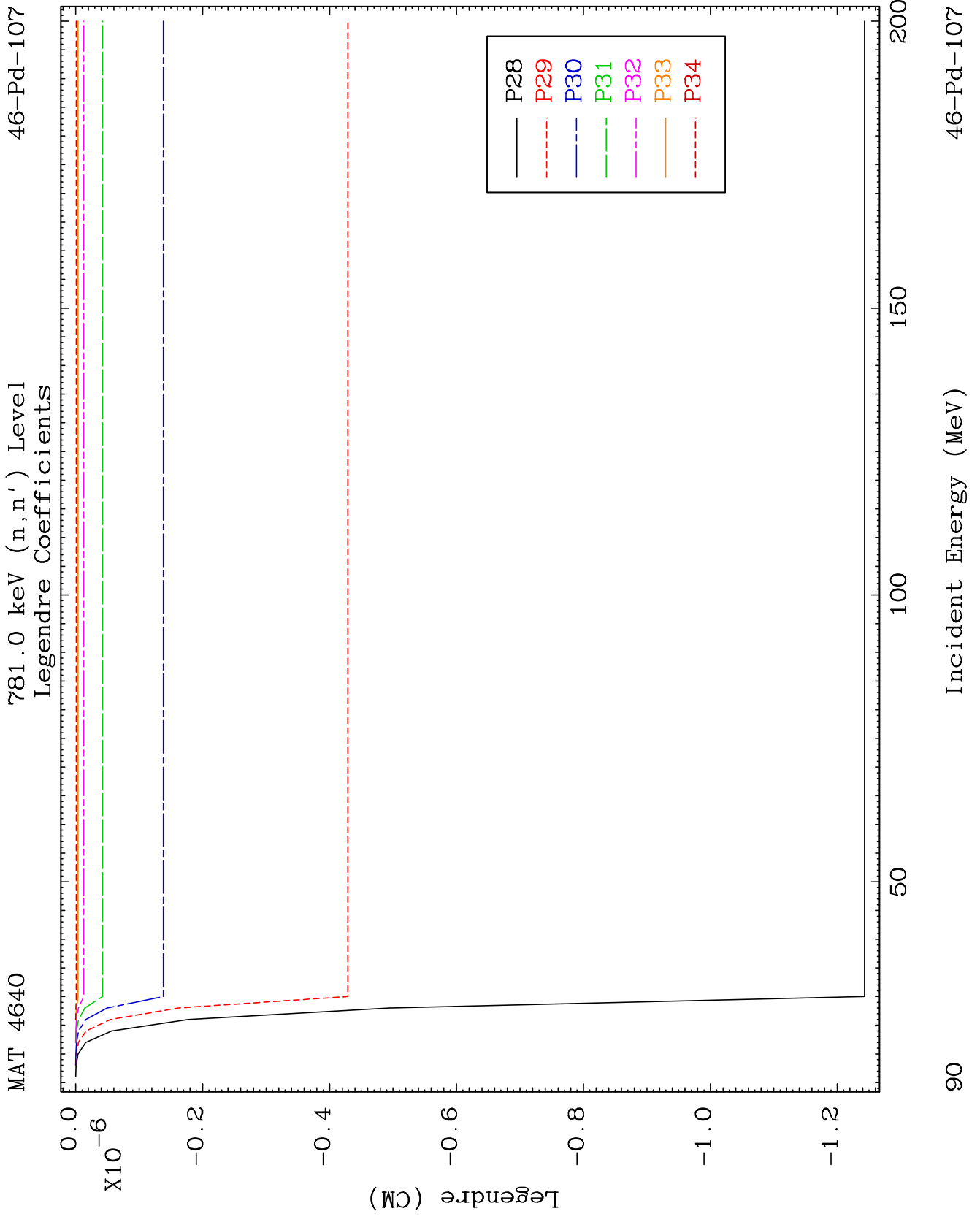












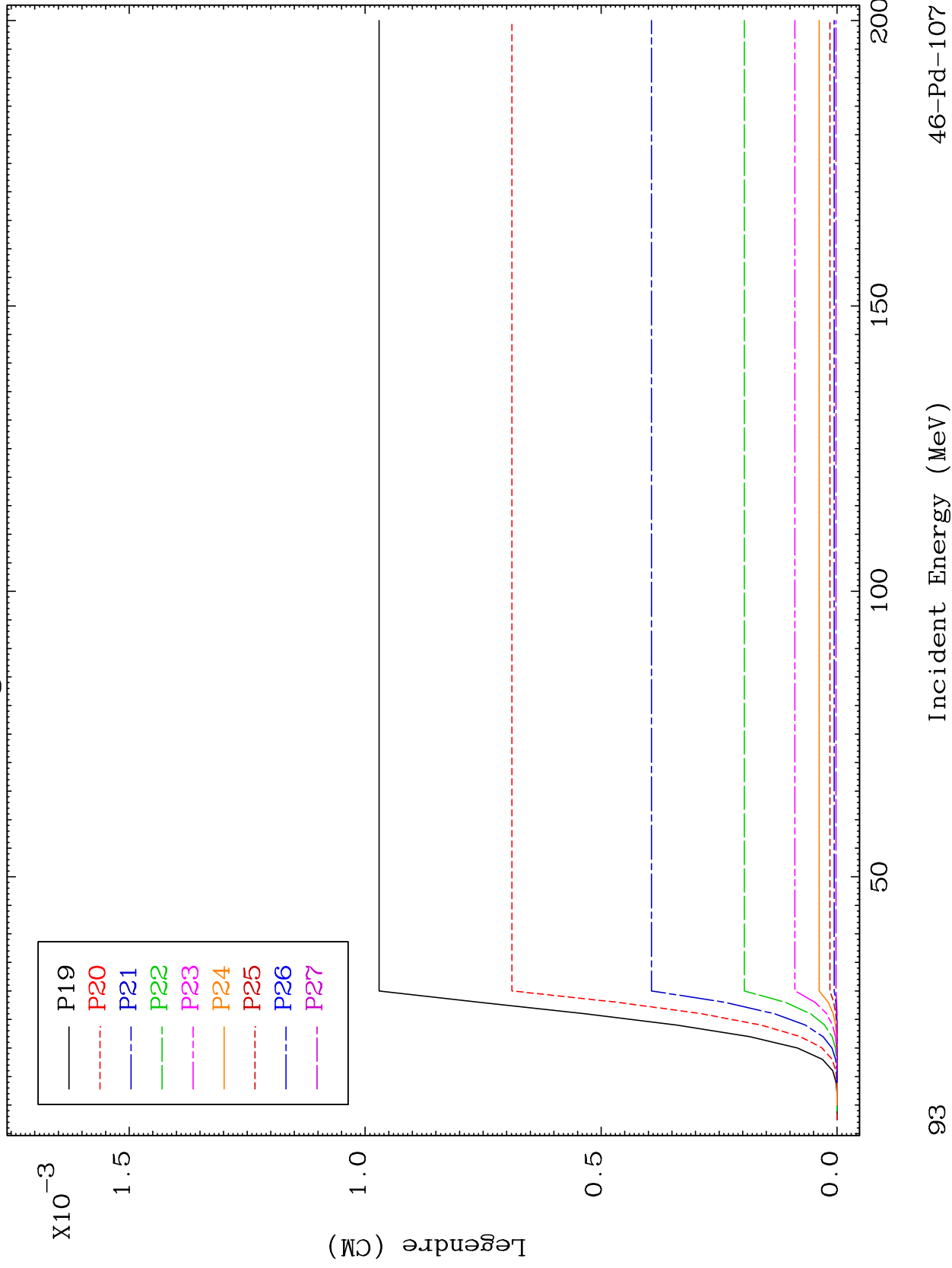


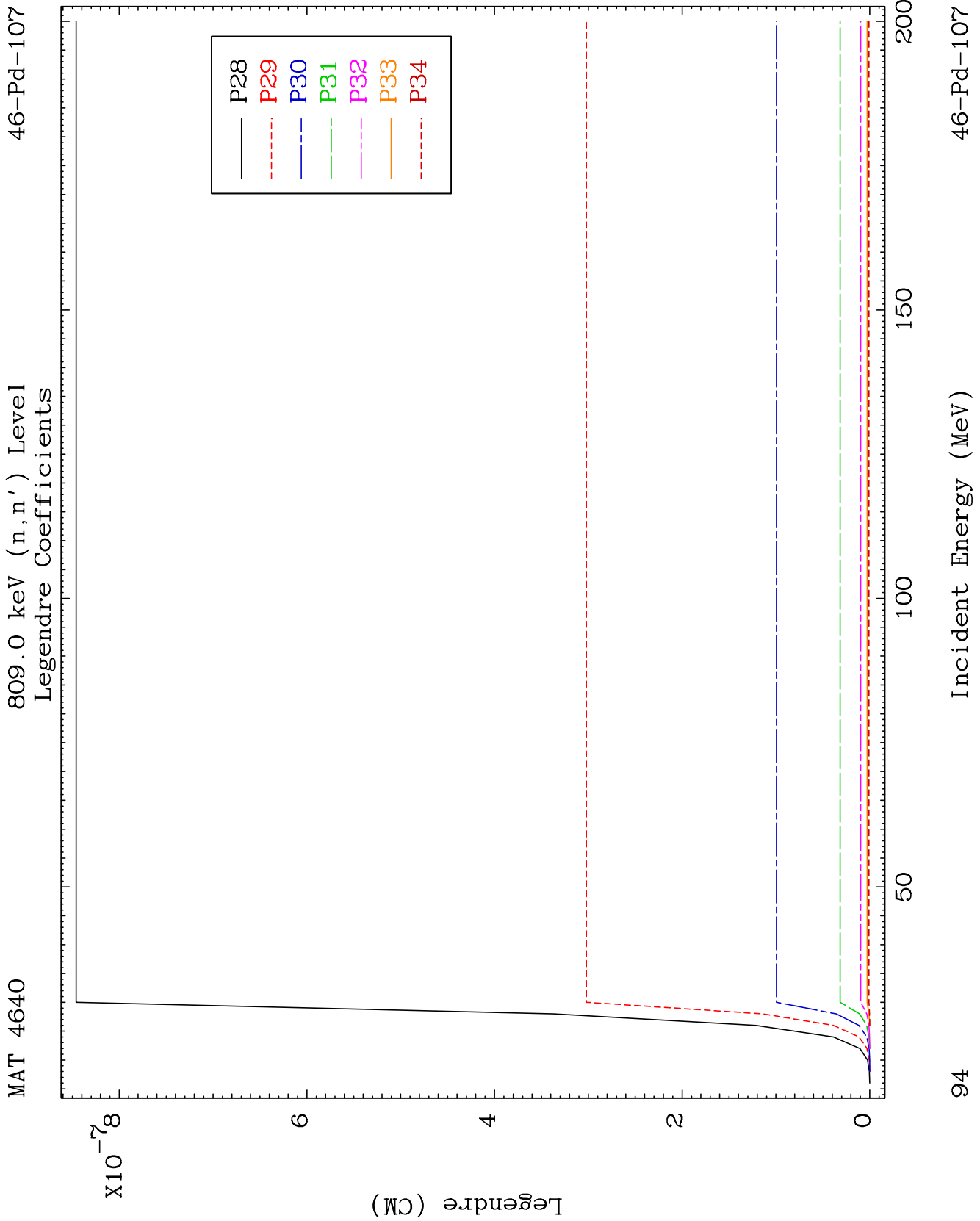


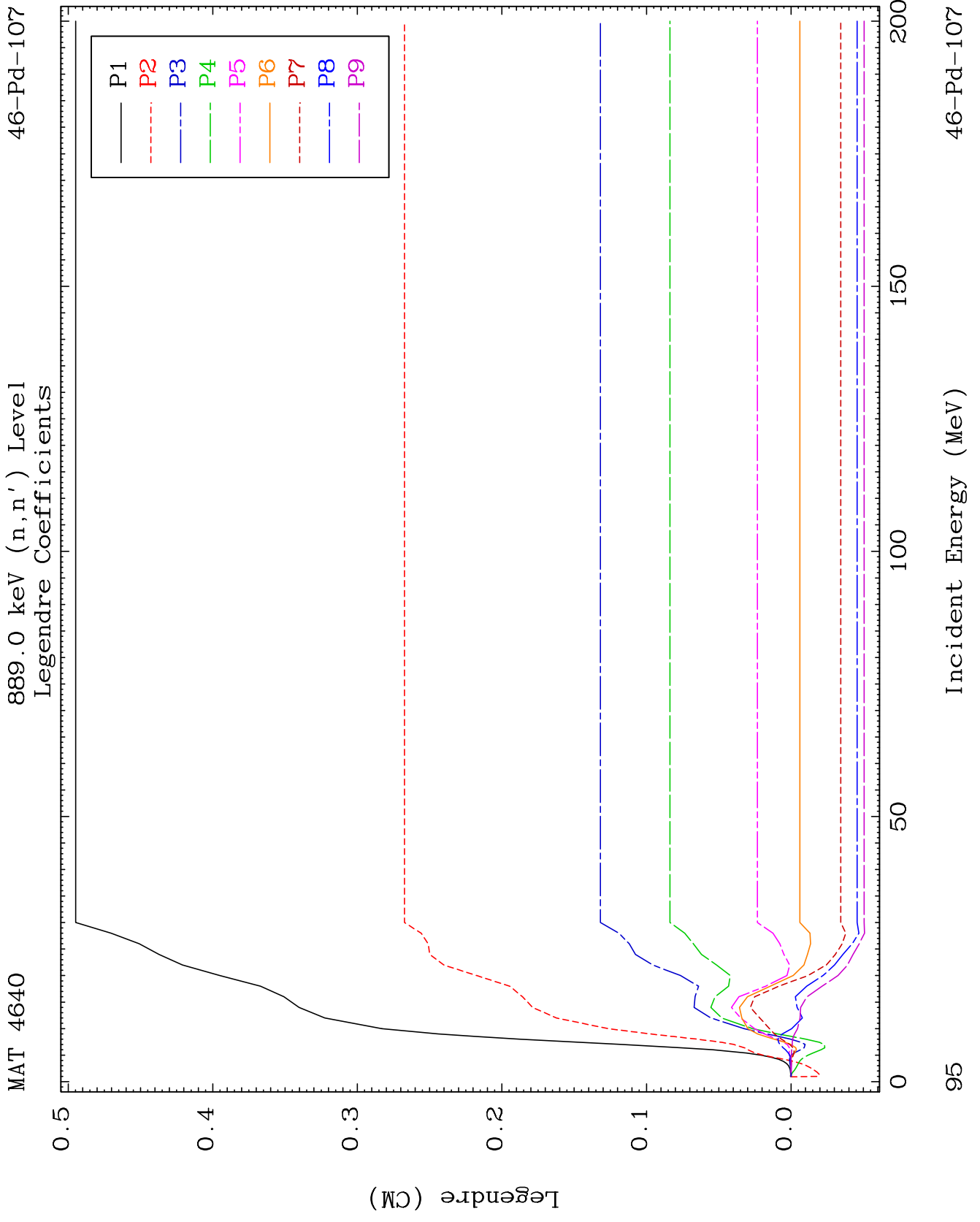
MAT 4640

809.0 keV (n,n') Level  
Legendre Coefficients

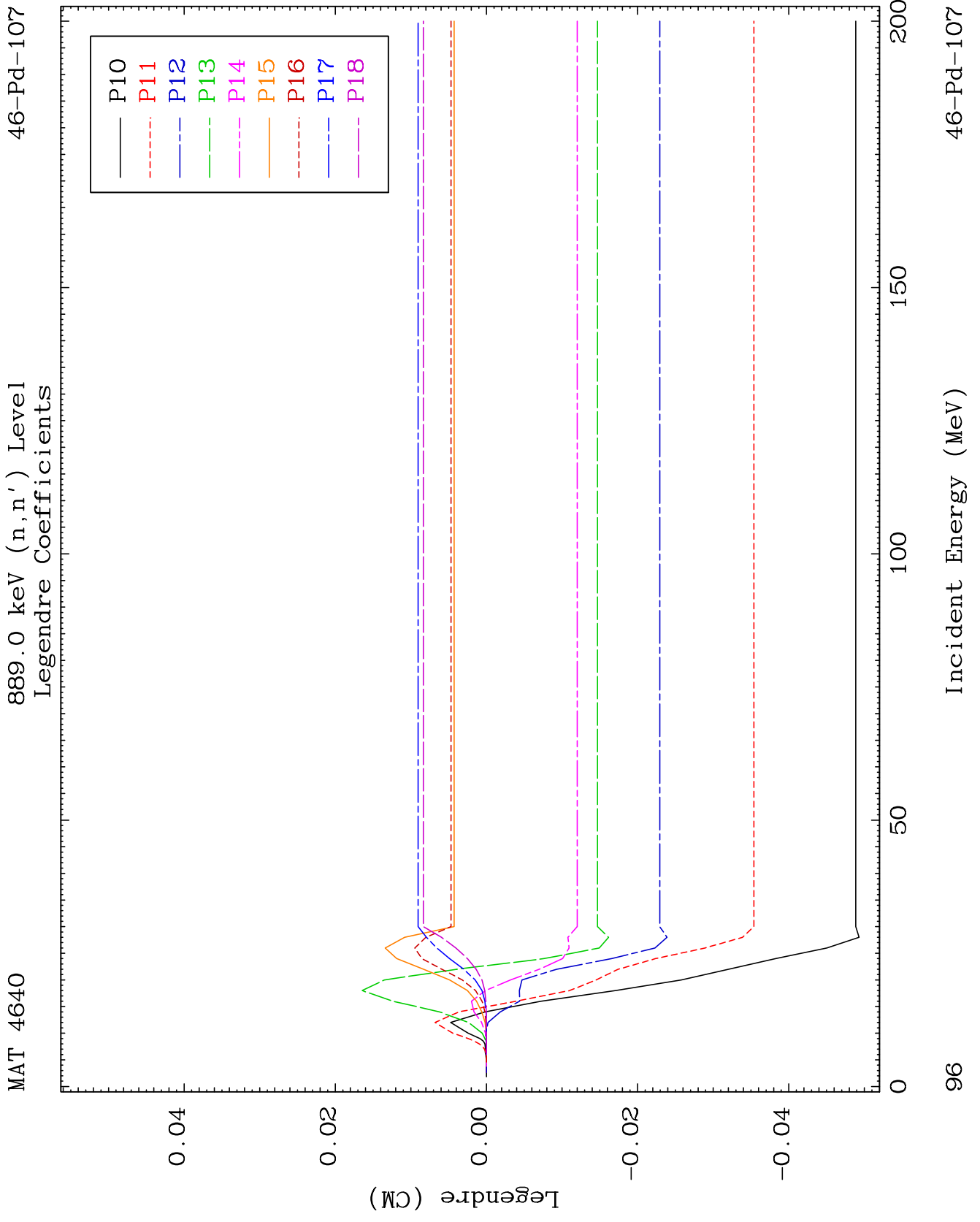
46-Pd-107

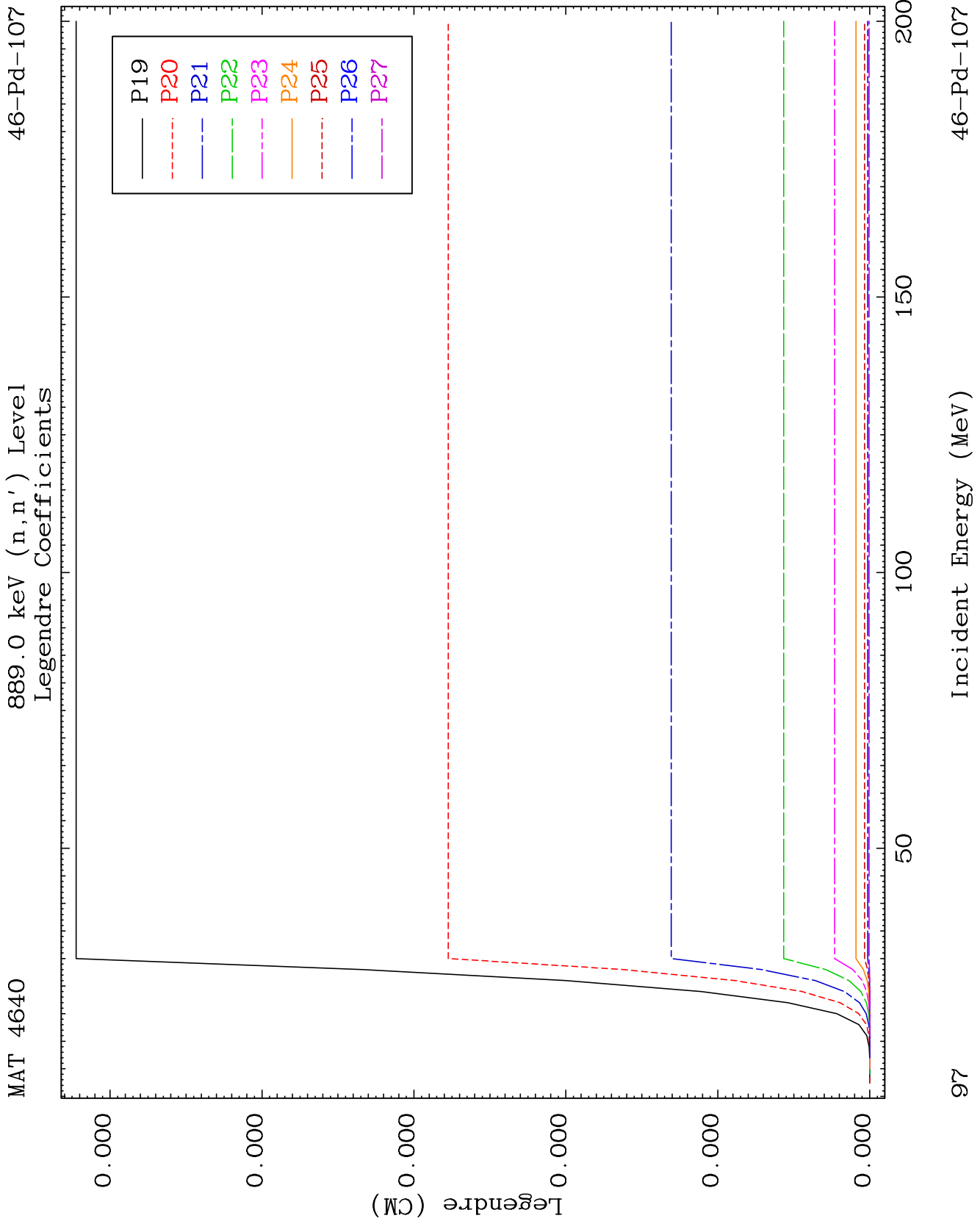


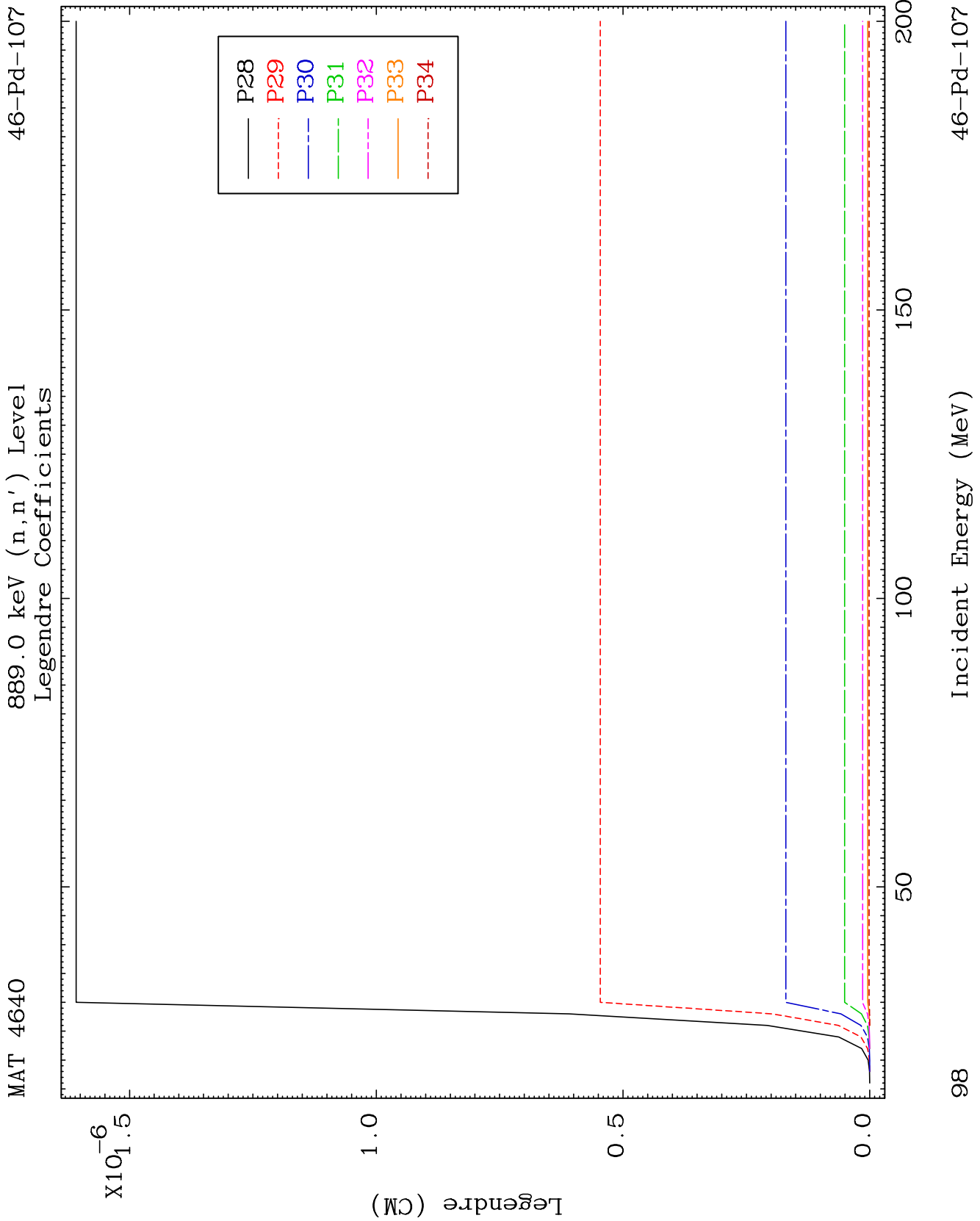




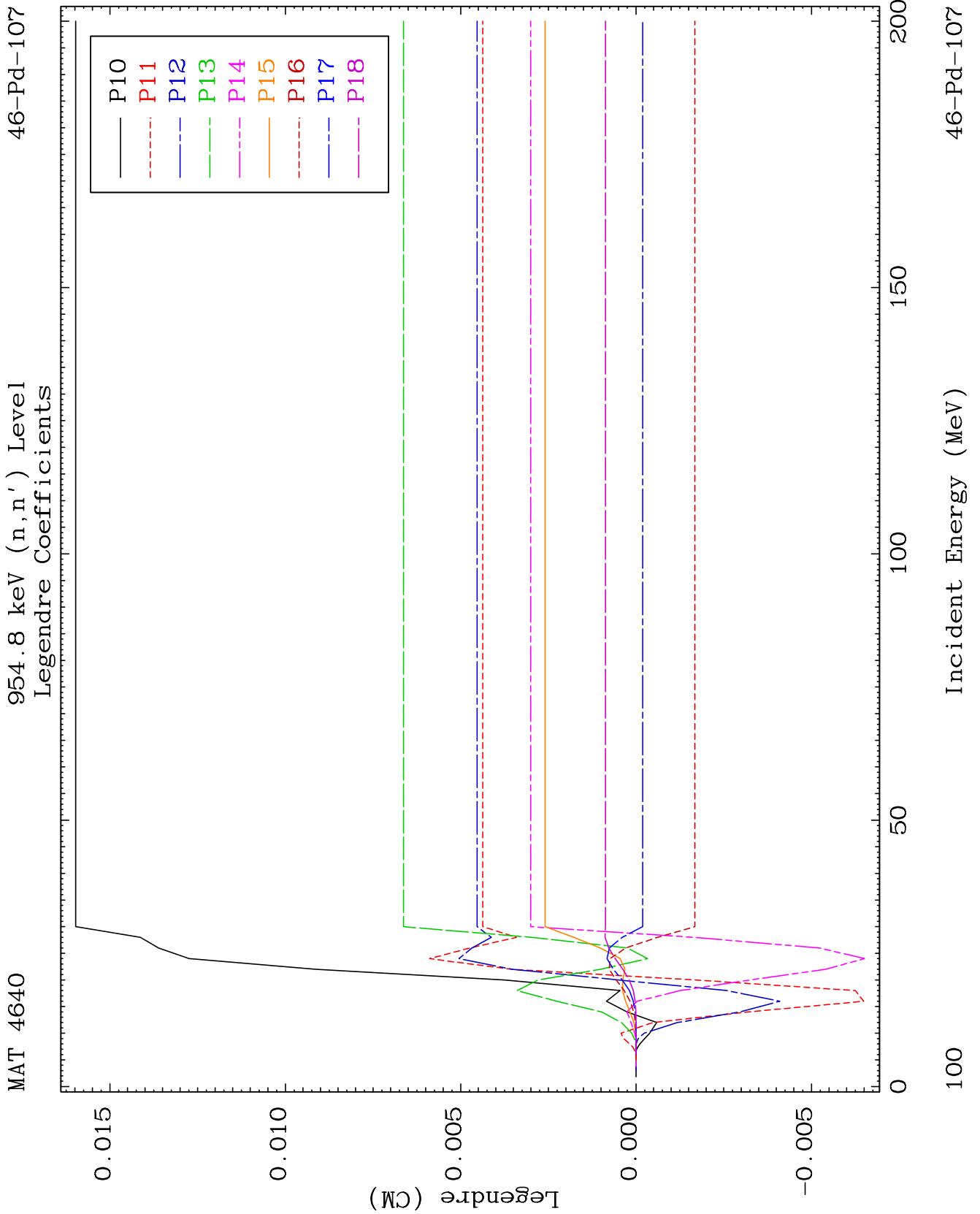








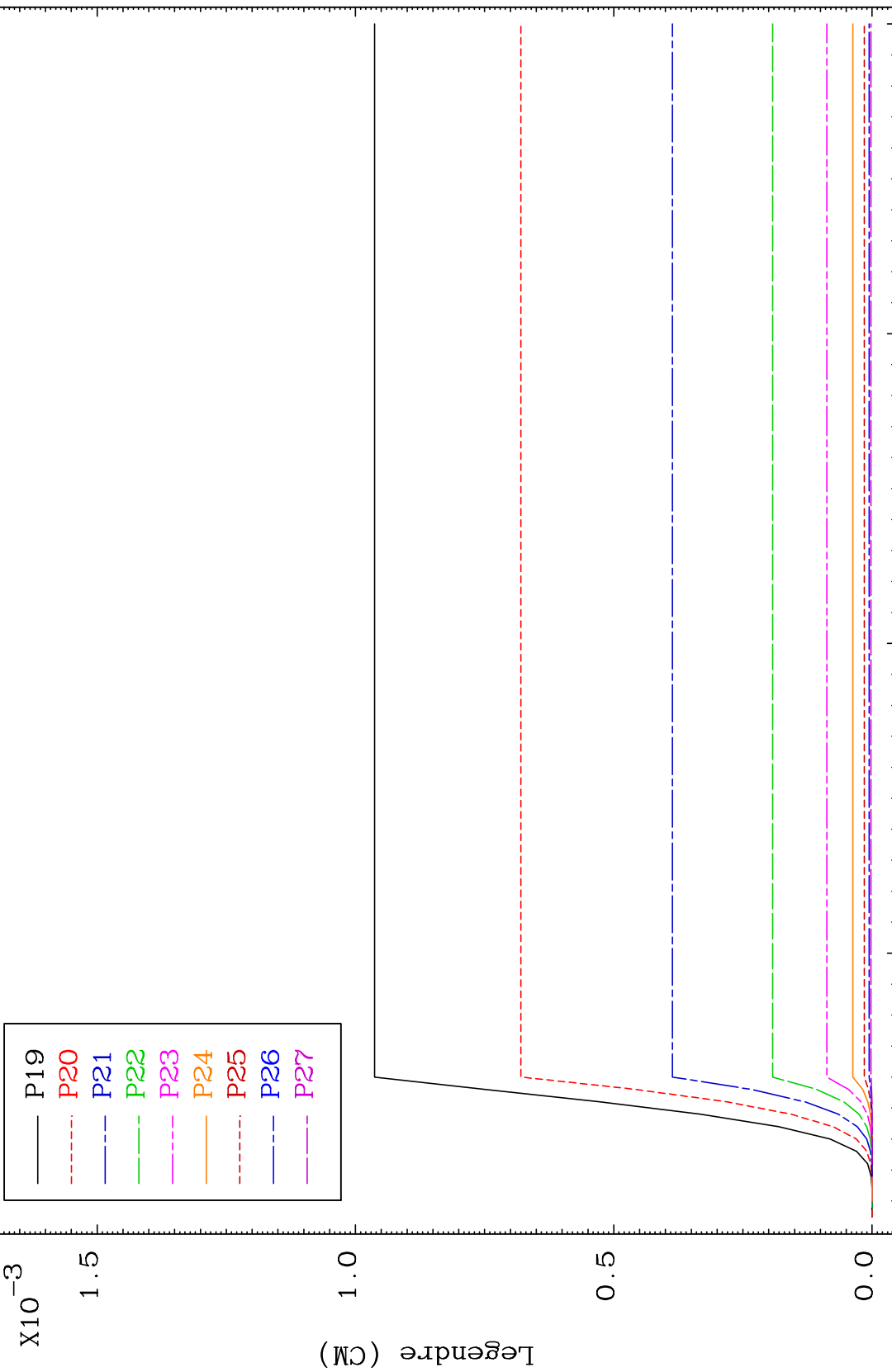
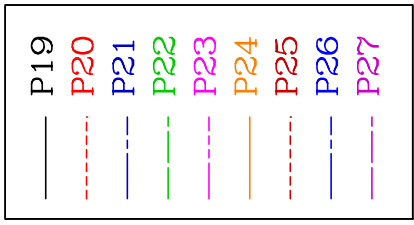




MAT 4640

954.8 keV (n,n') Level  
Legendre Coefficients

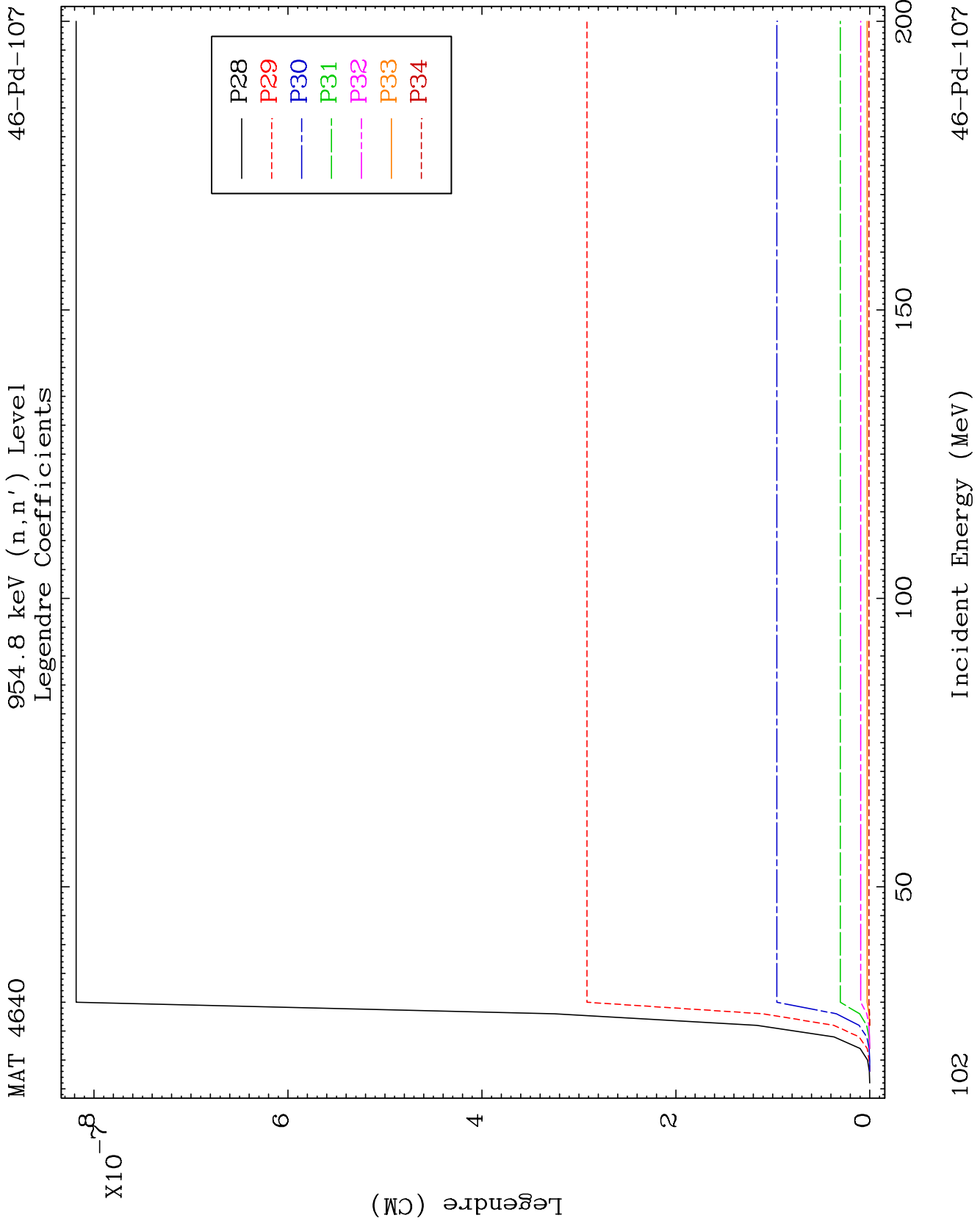
46-Pd-107

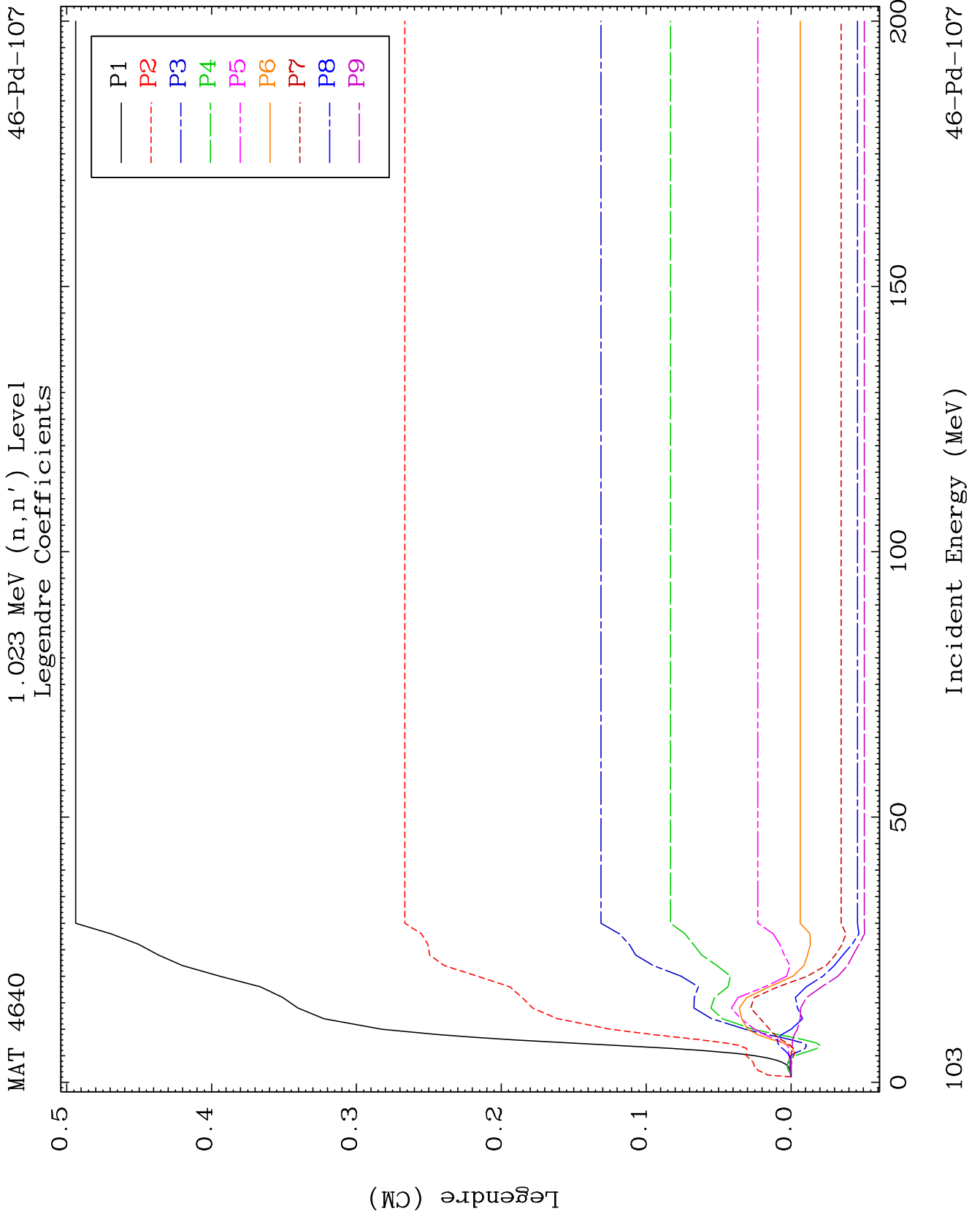


101

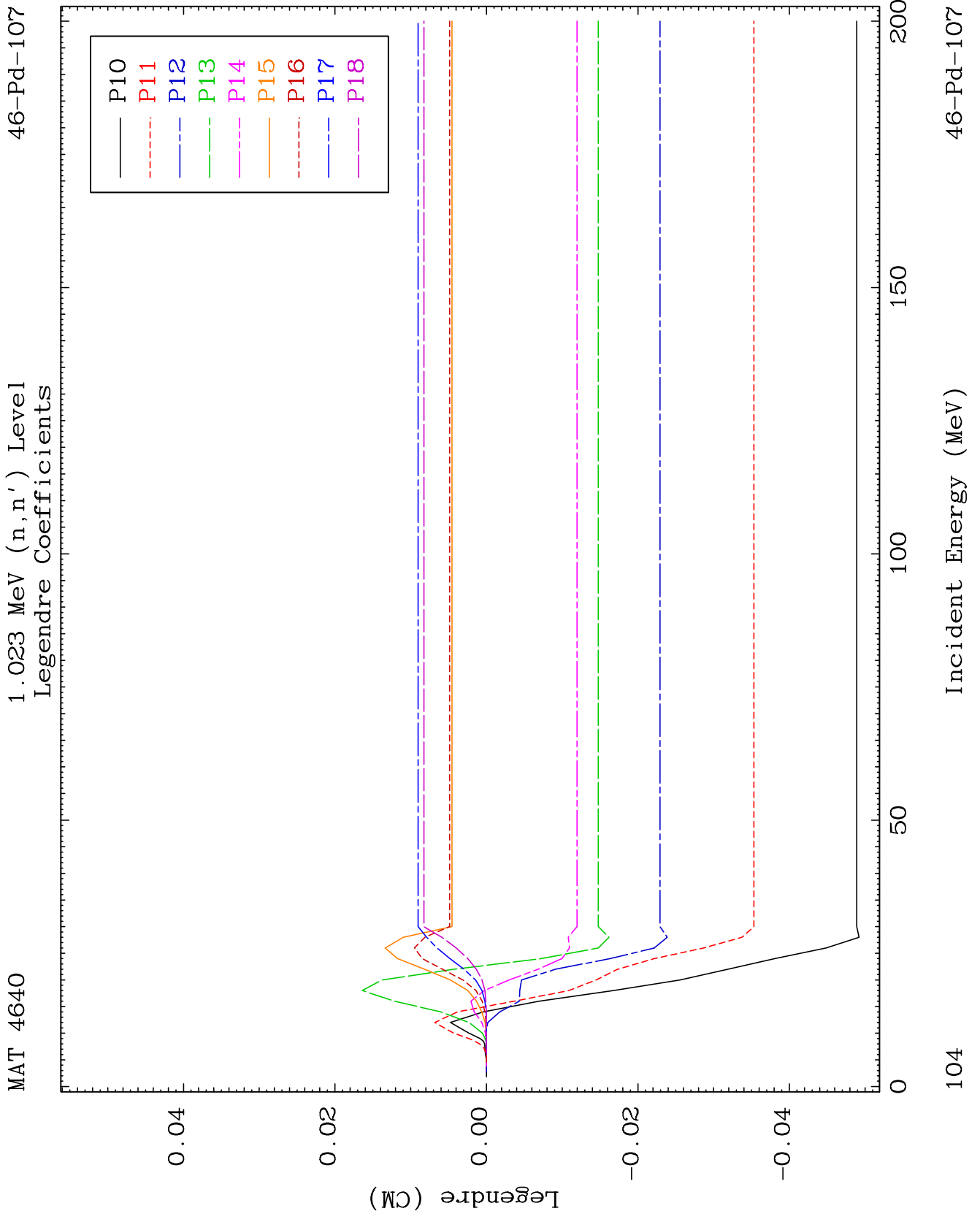
Incident Energy (MeV)

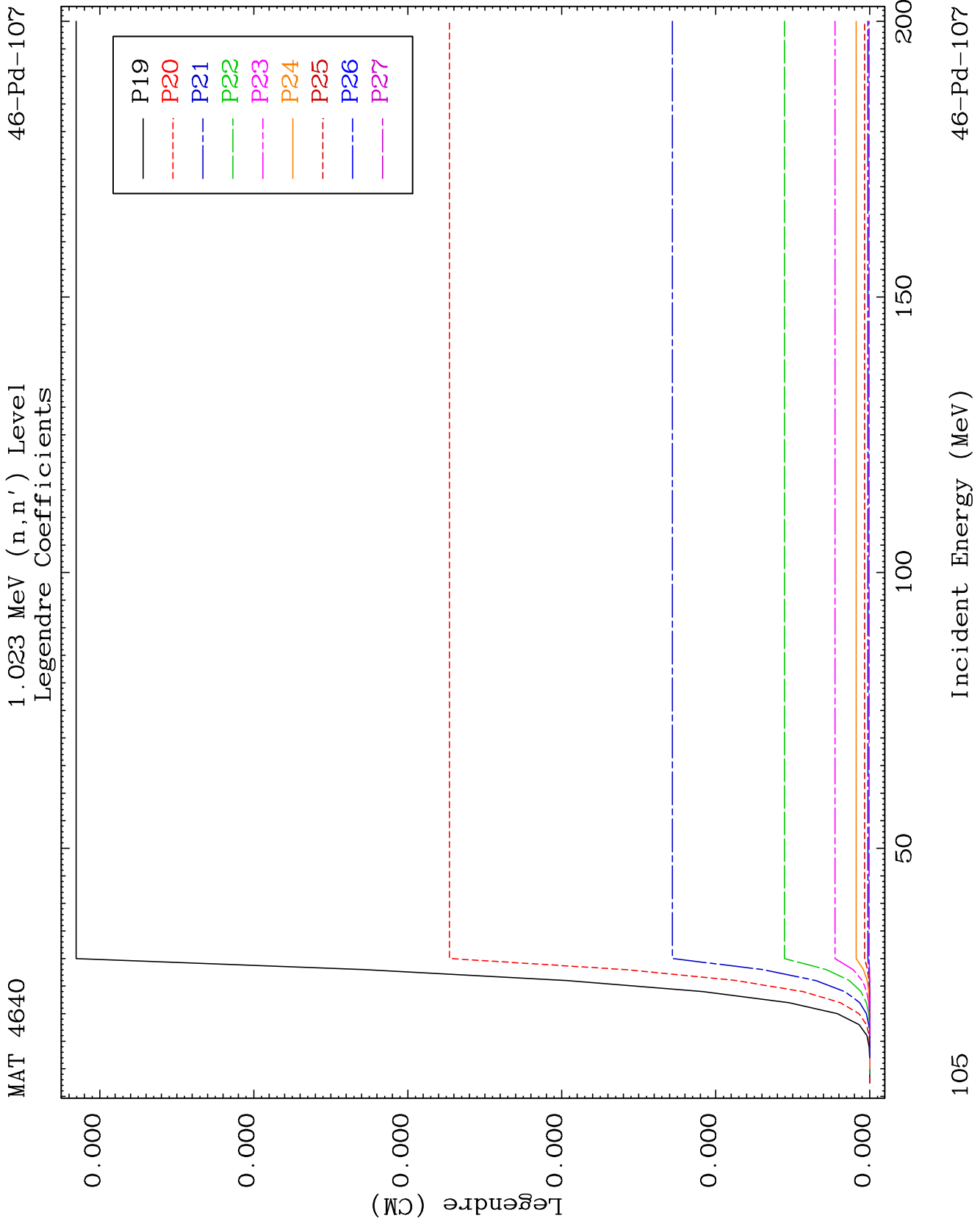
46-Pd-107

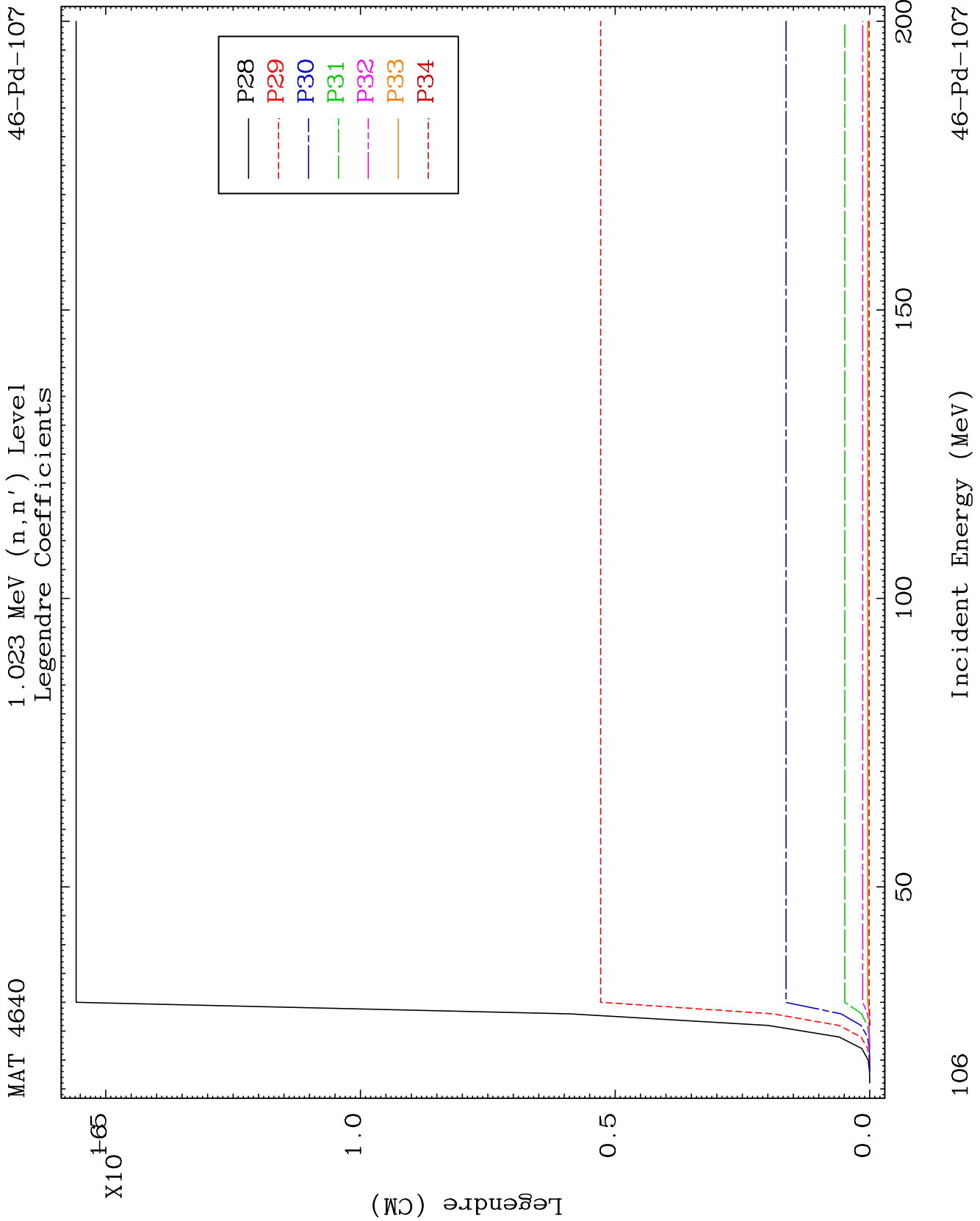


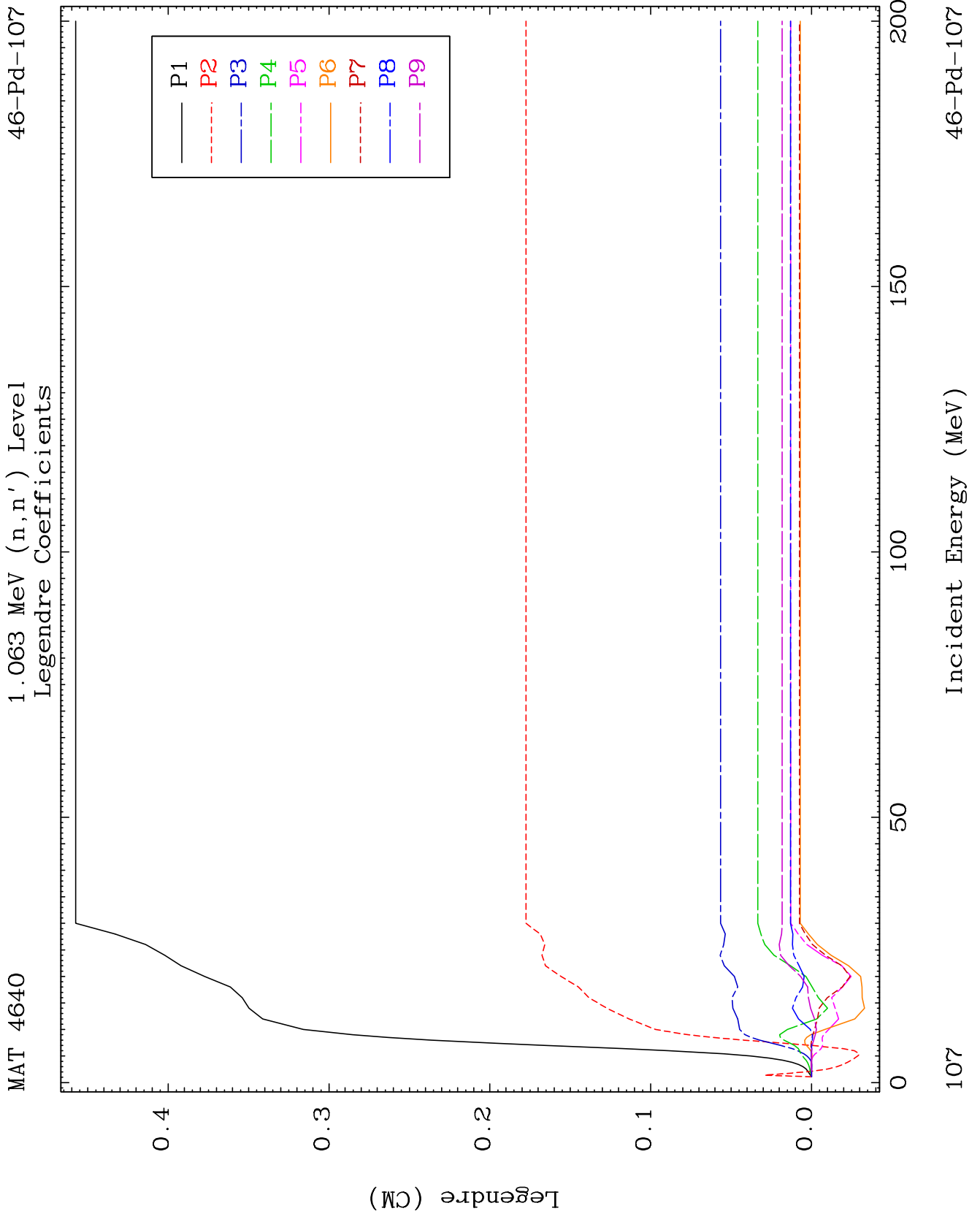


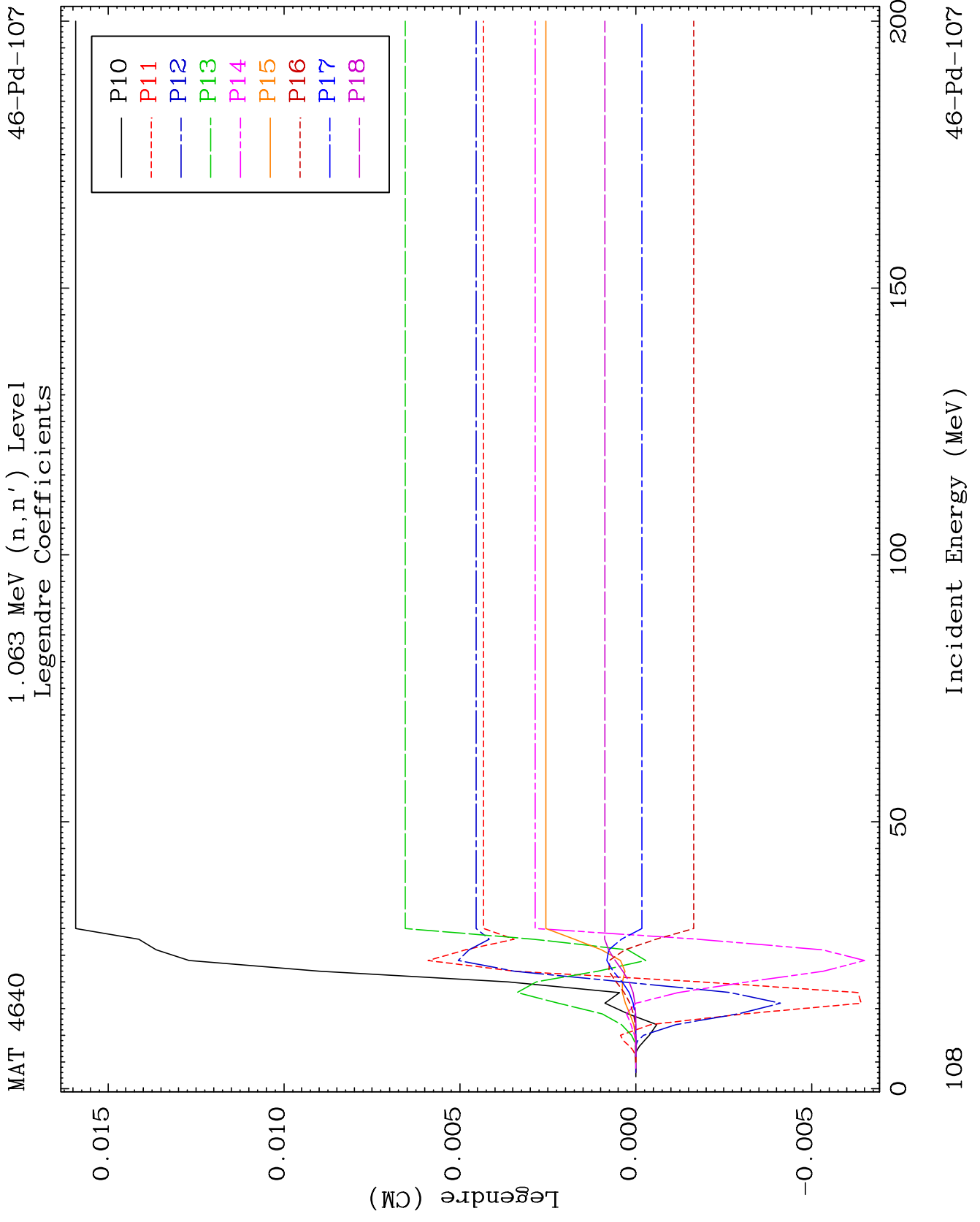








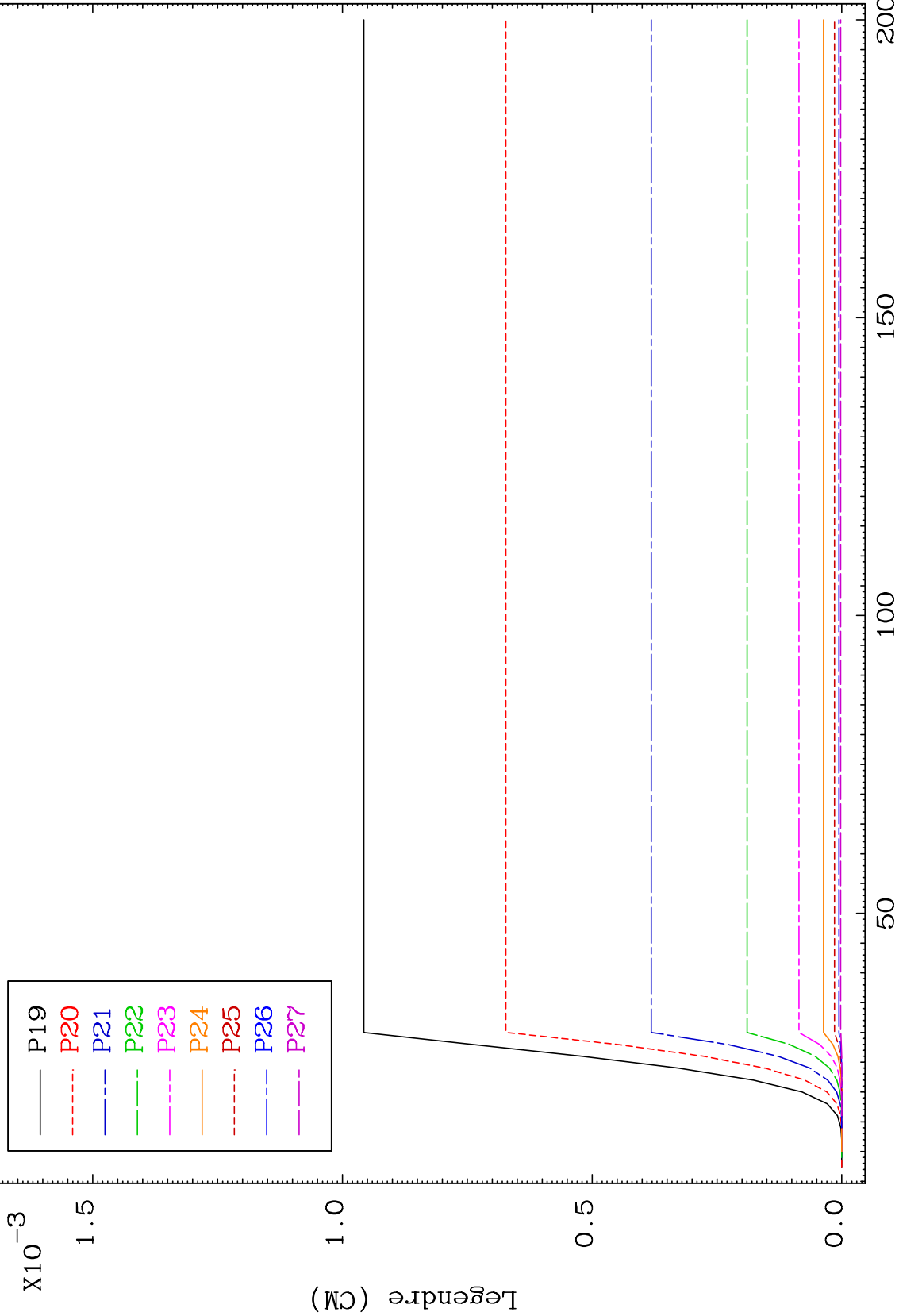
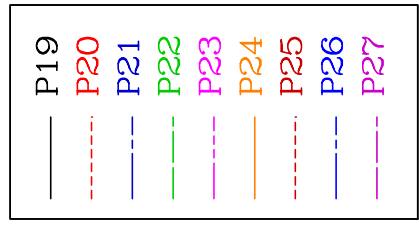




MAT 4640

1.063 MeV (n,n') Level Legendre Coefficients

46-Pd-107

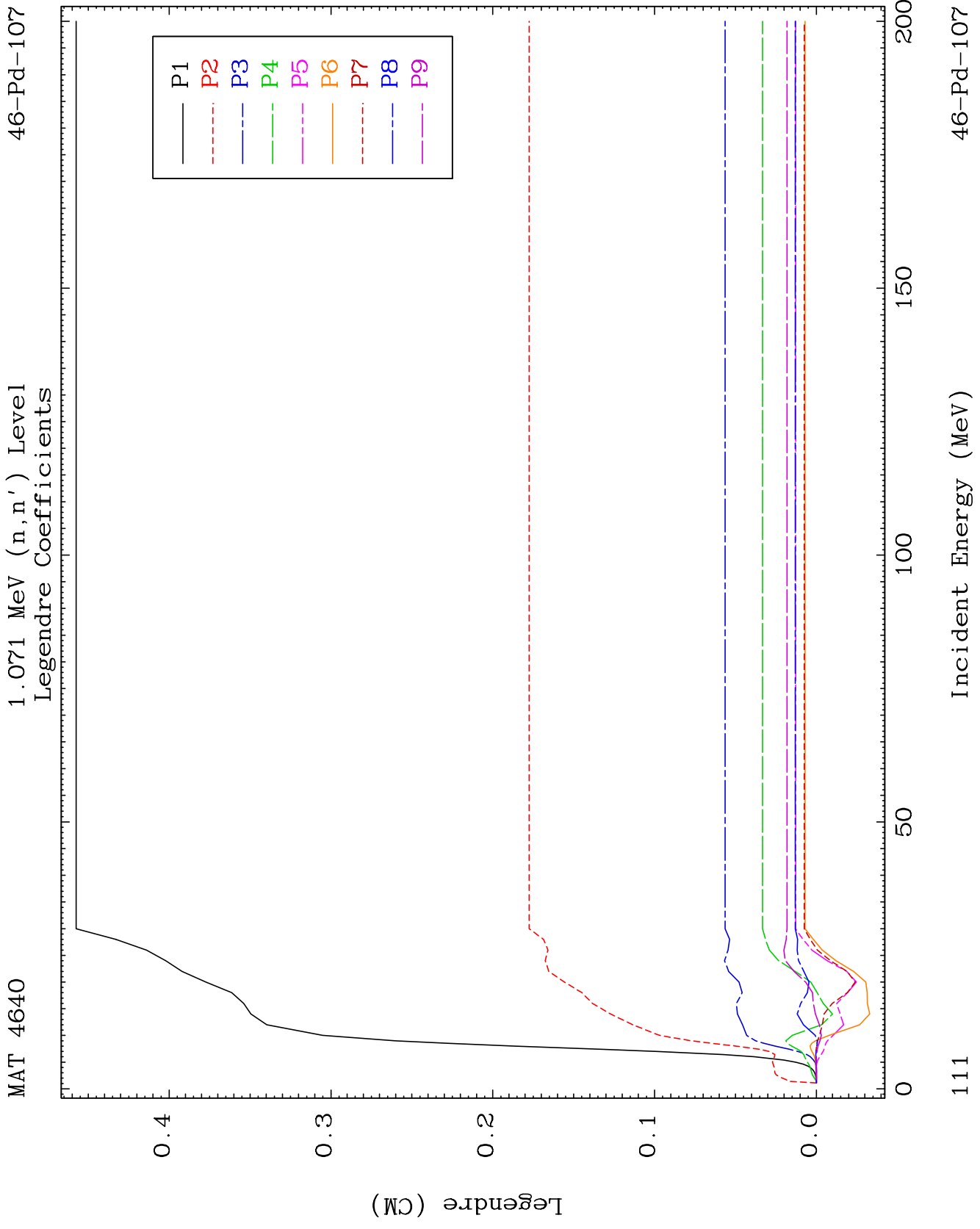


109

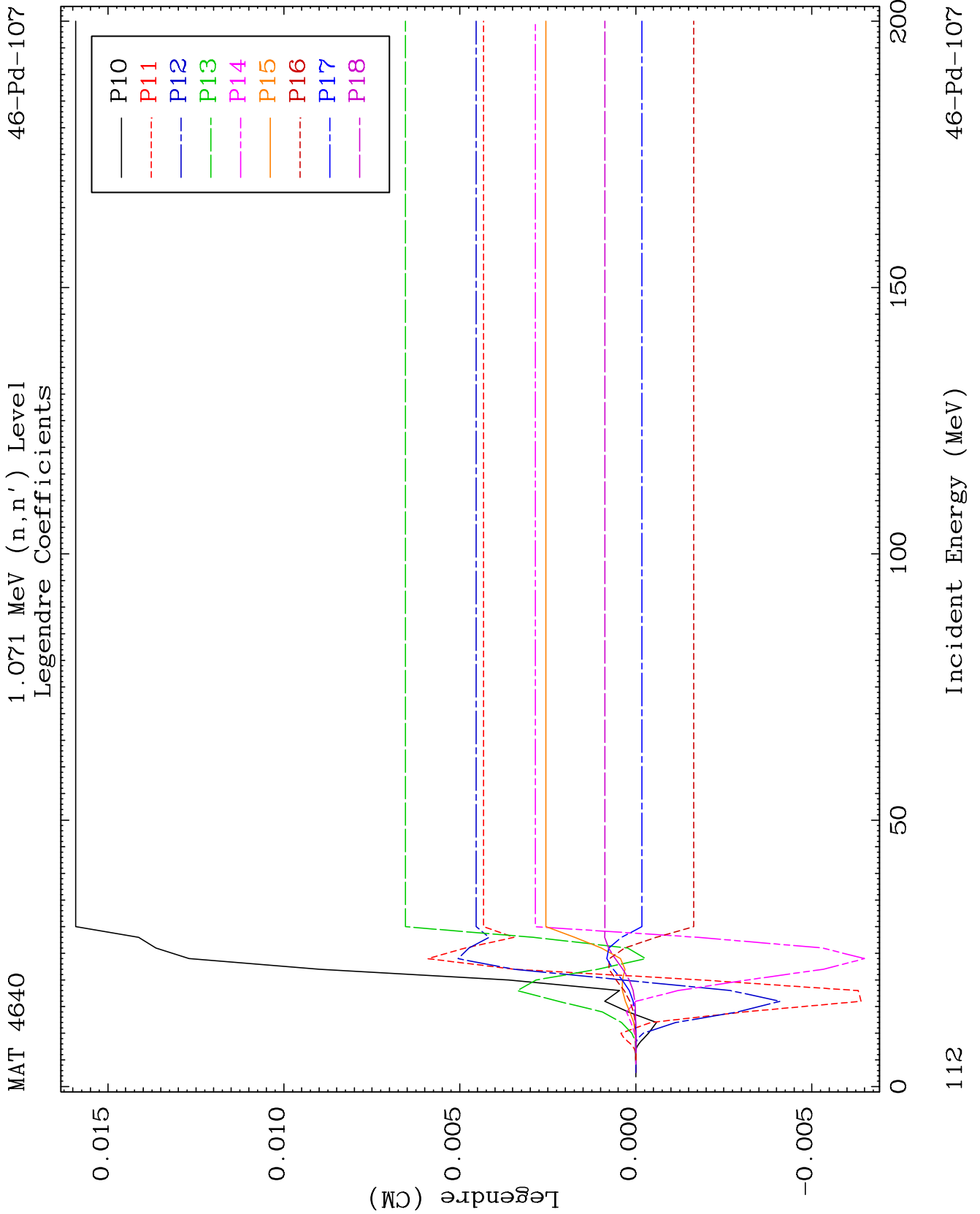
Incident Energy (MeV)

46-Pd-107





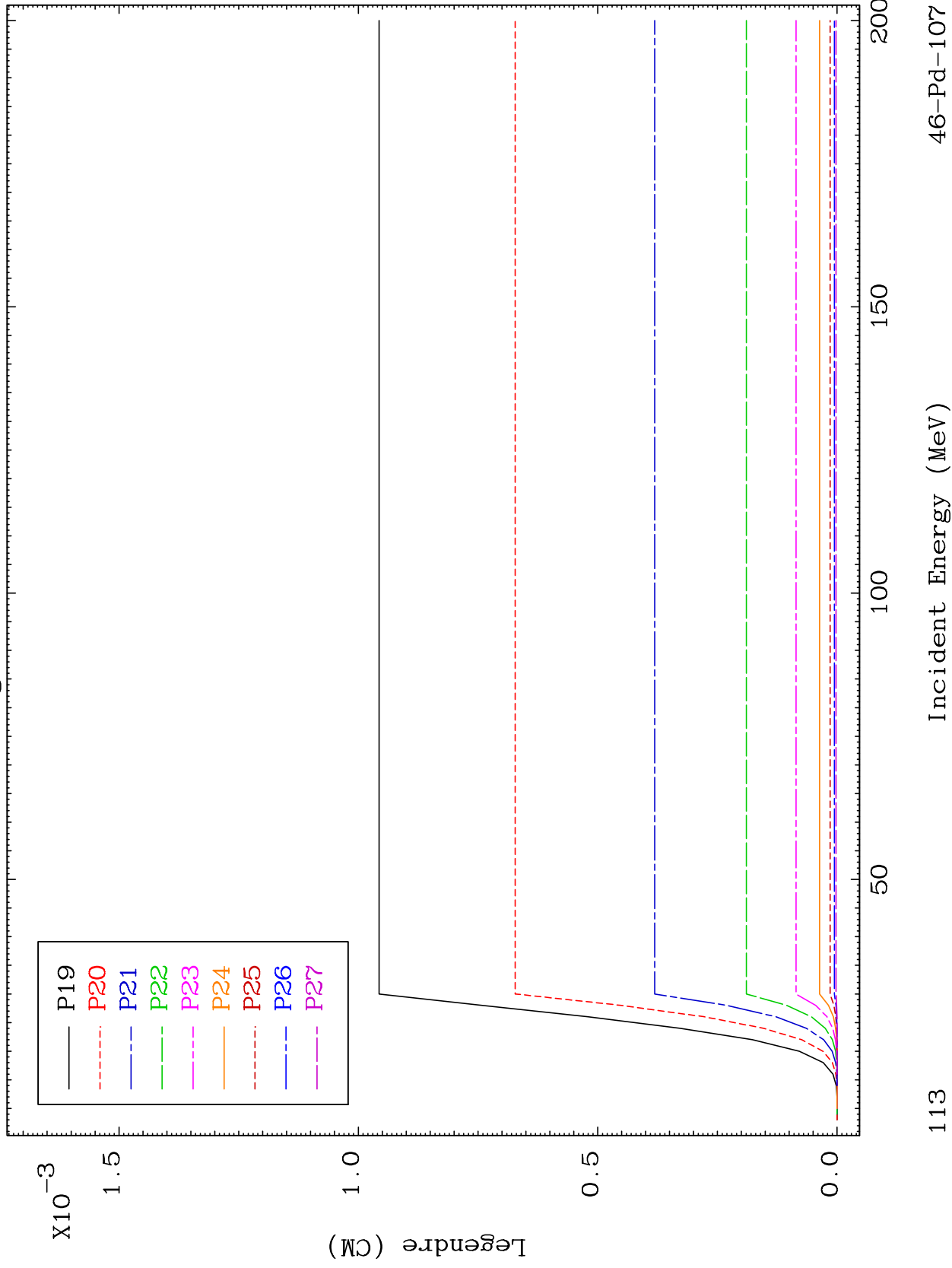




MAT 4640

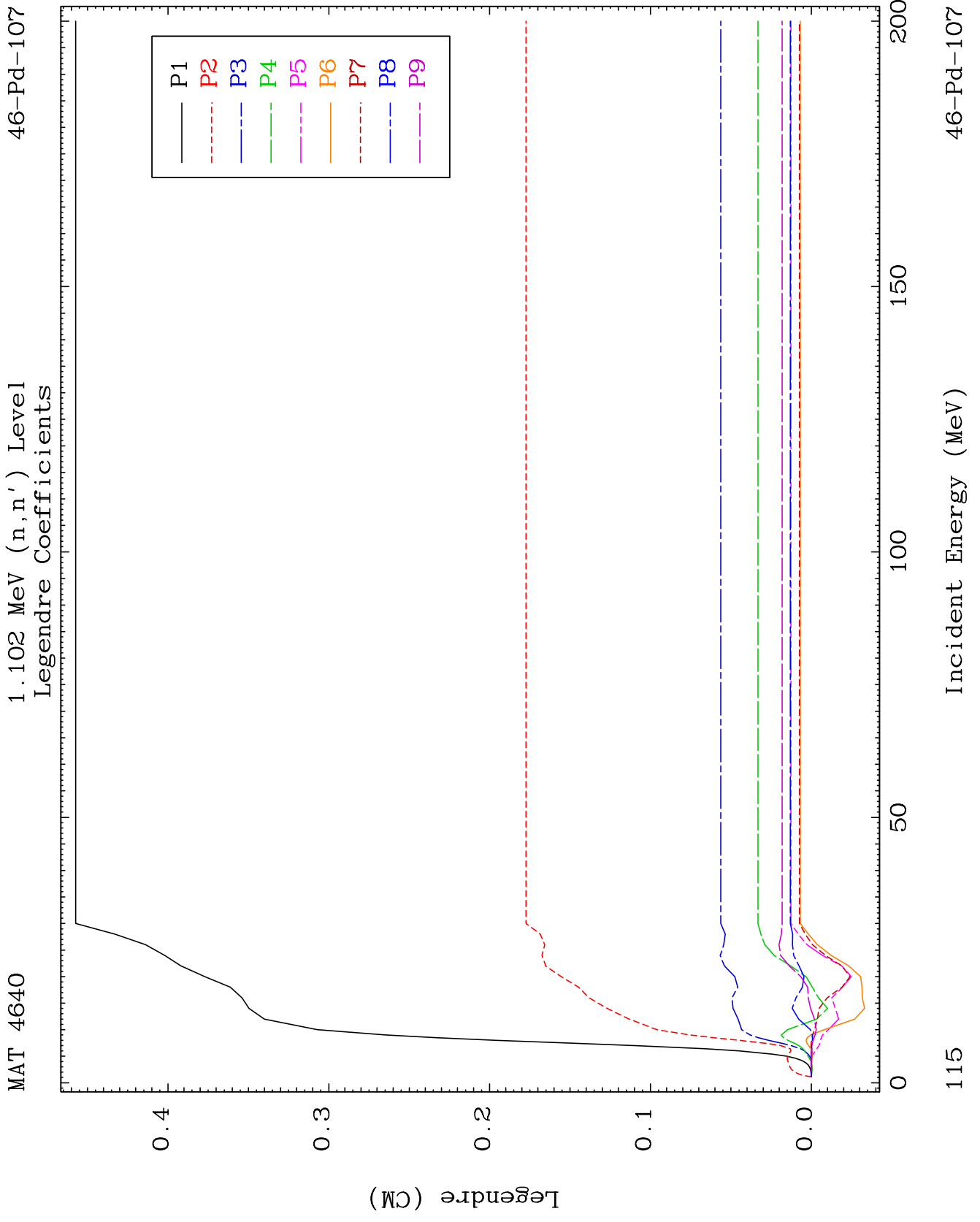
1.071 MeV (n,n') Level  
Legendre Coefficients

46-Pd-107



113



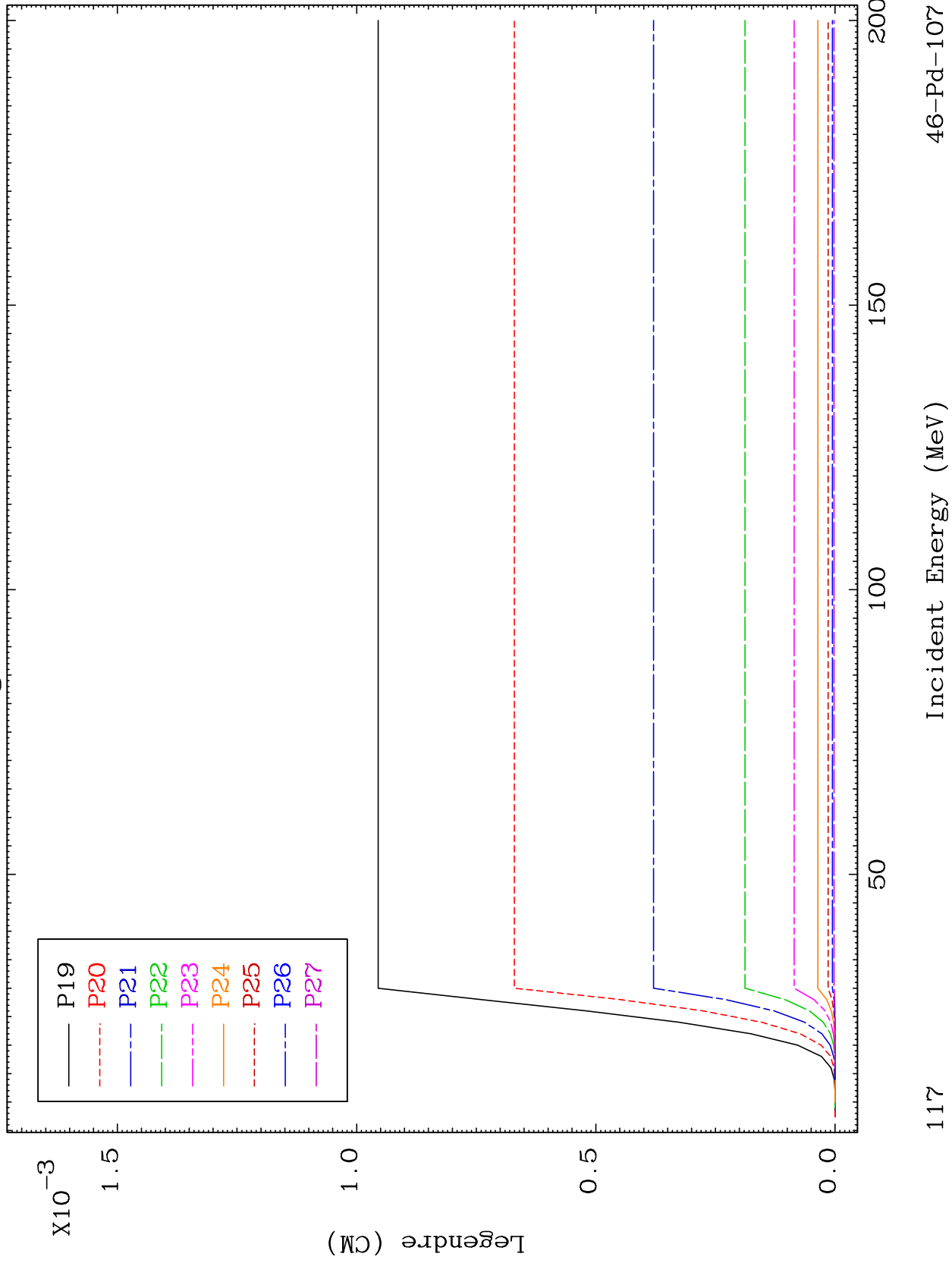




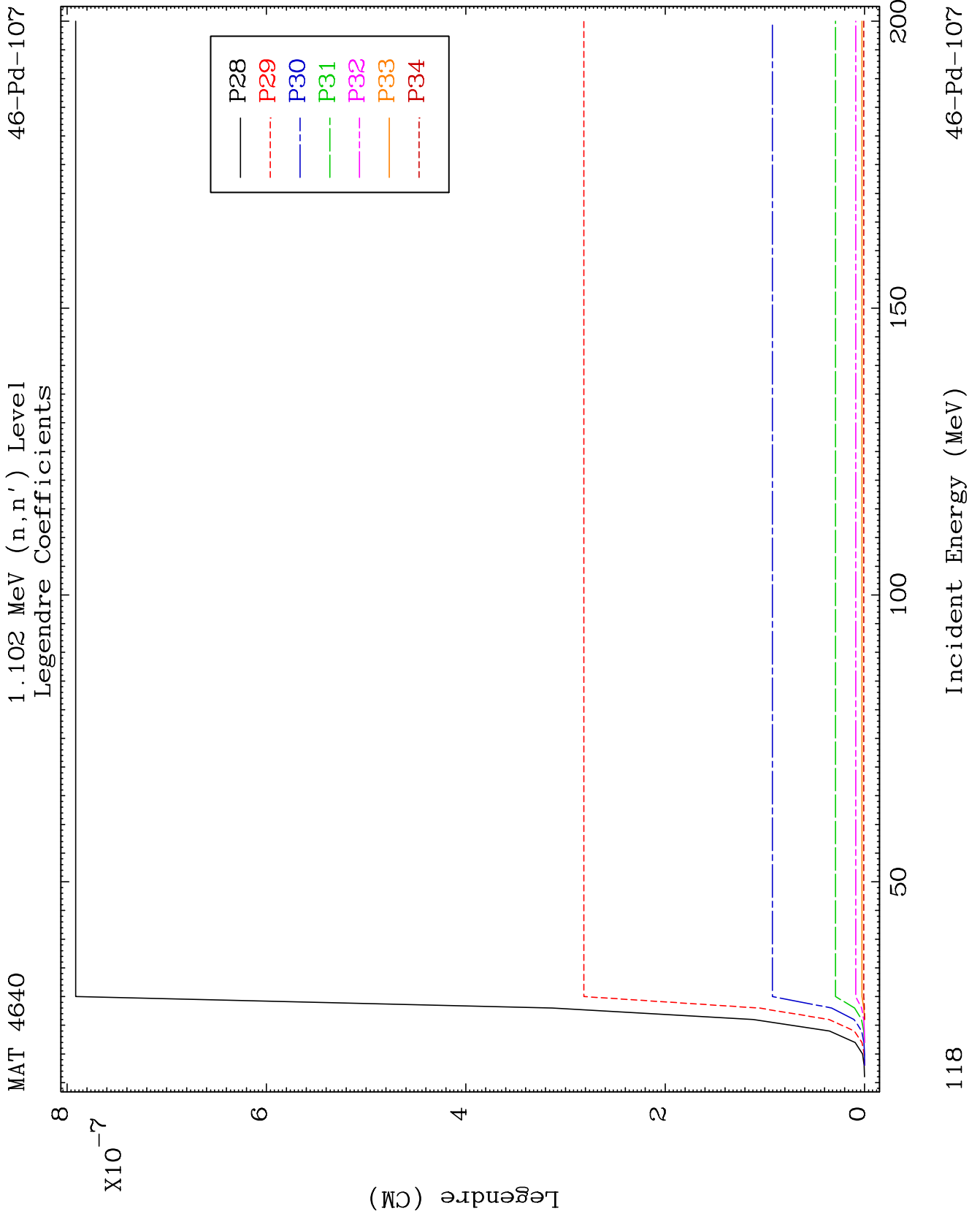
MAT 4640

1.102 MeV (n,n') Level  
Legendre Coefficients

46-Pd-107



117

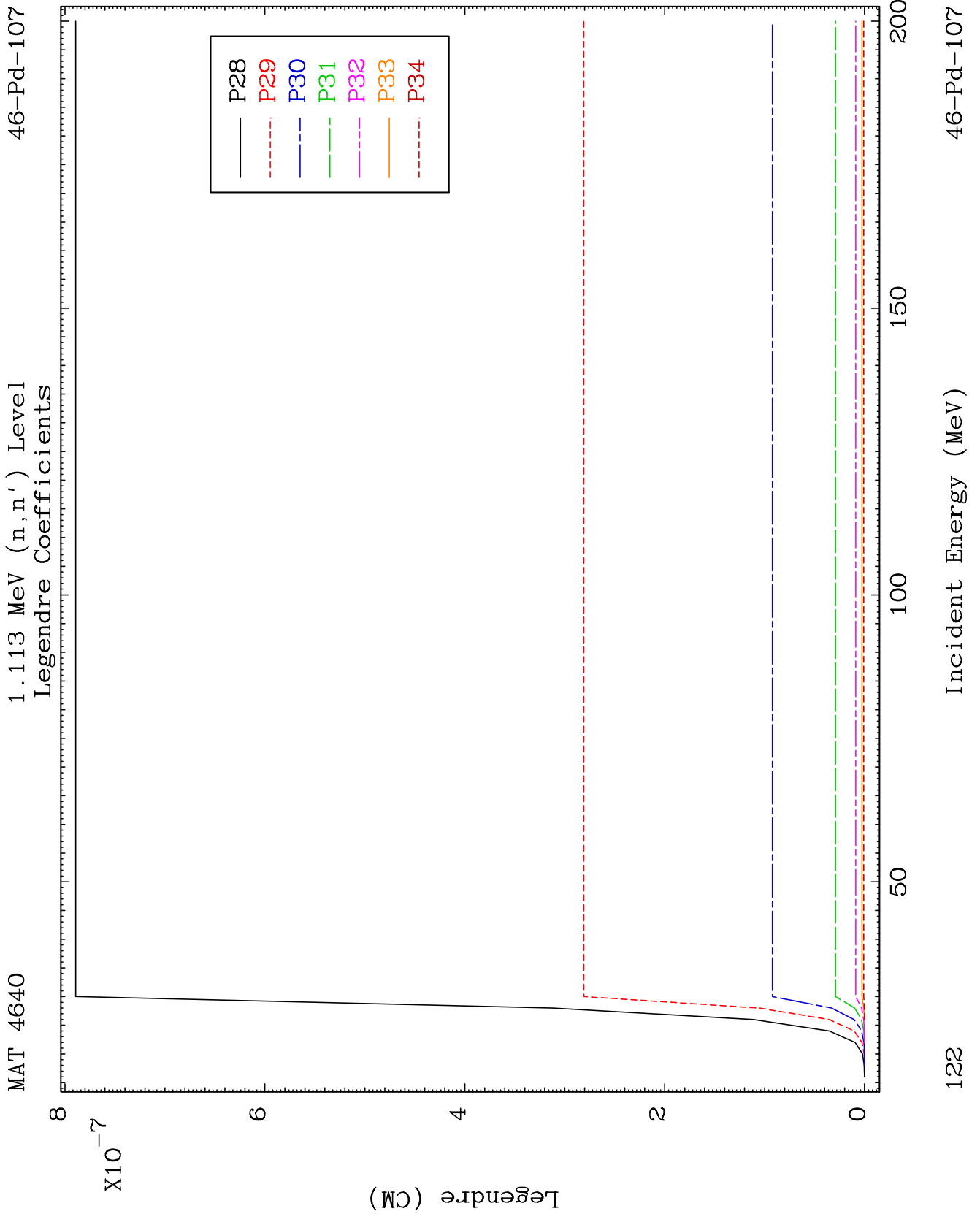


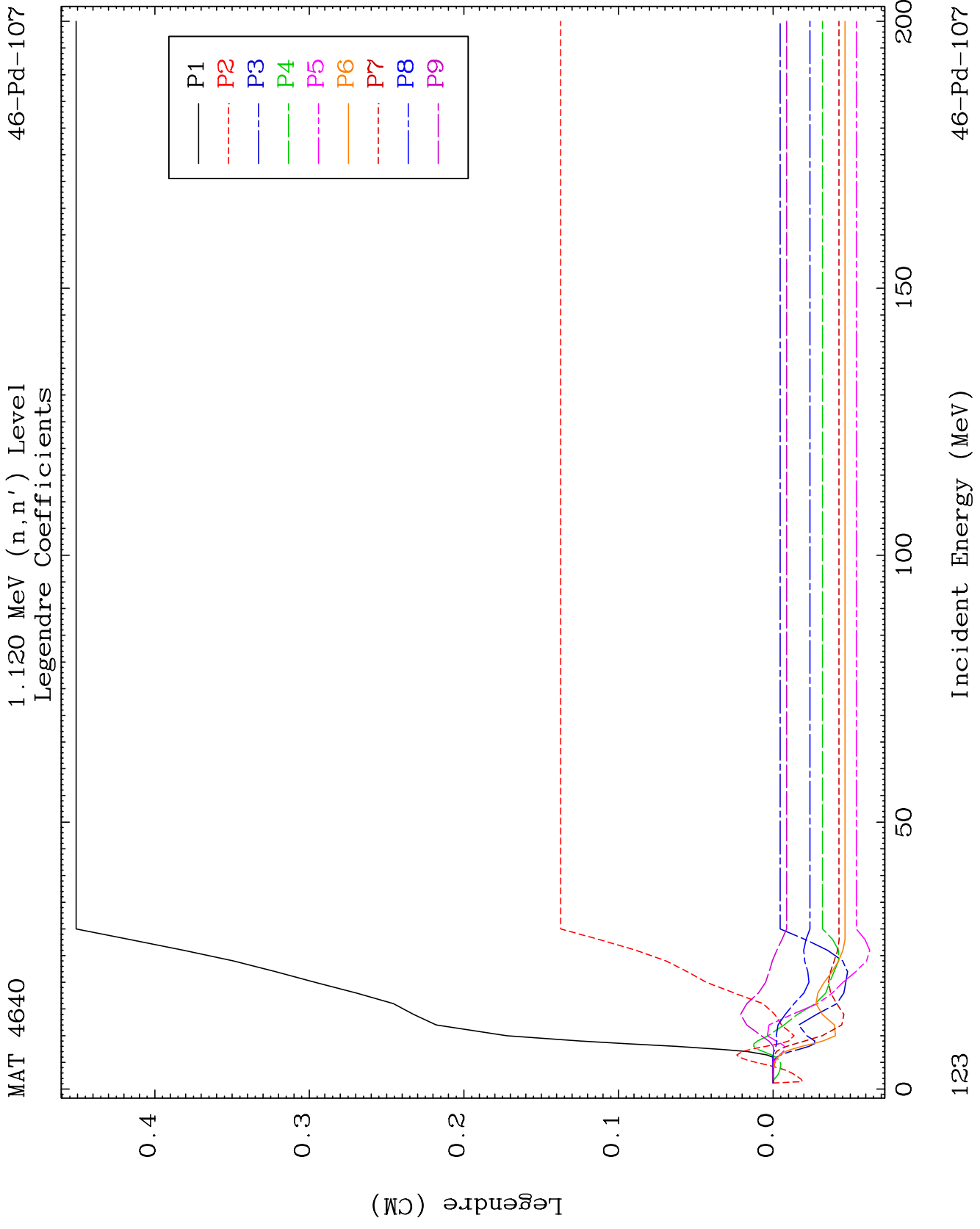




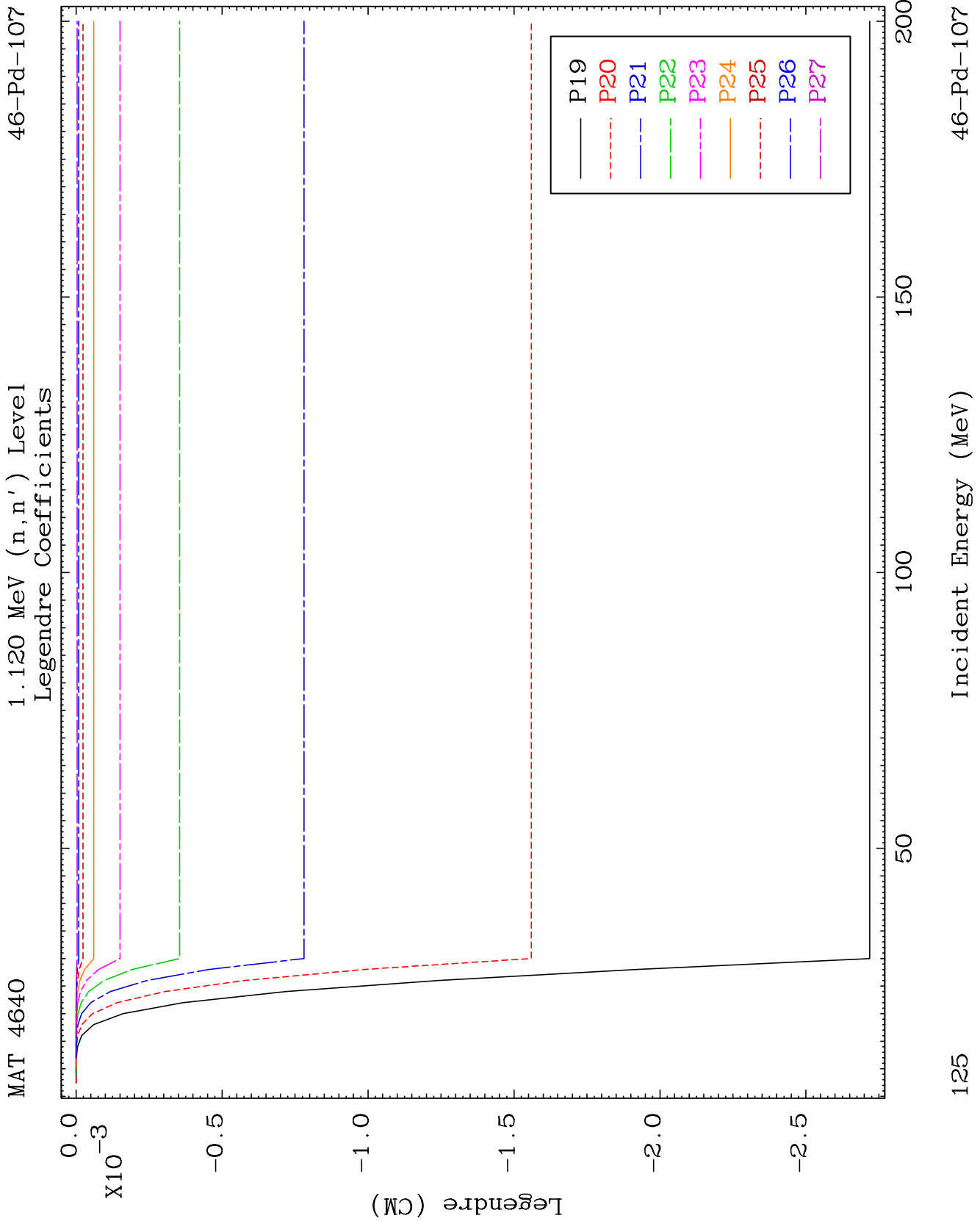


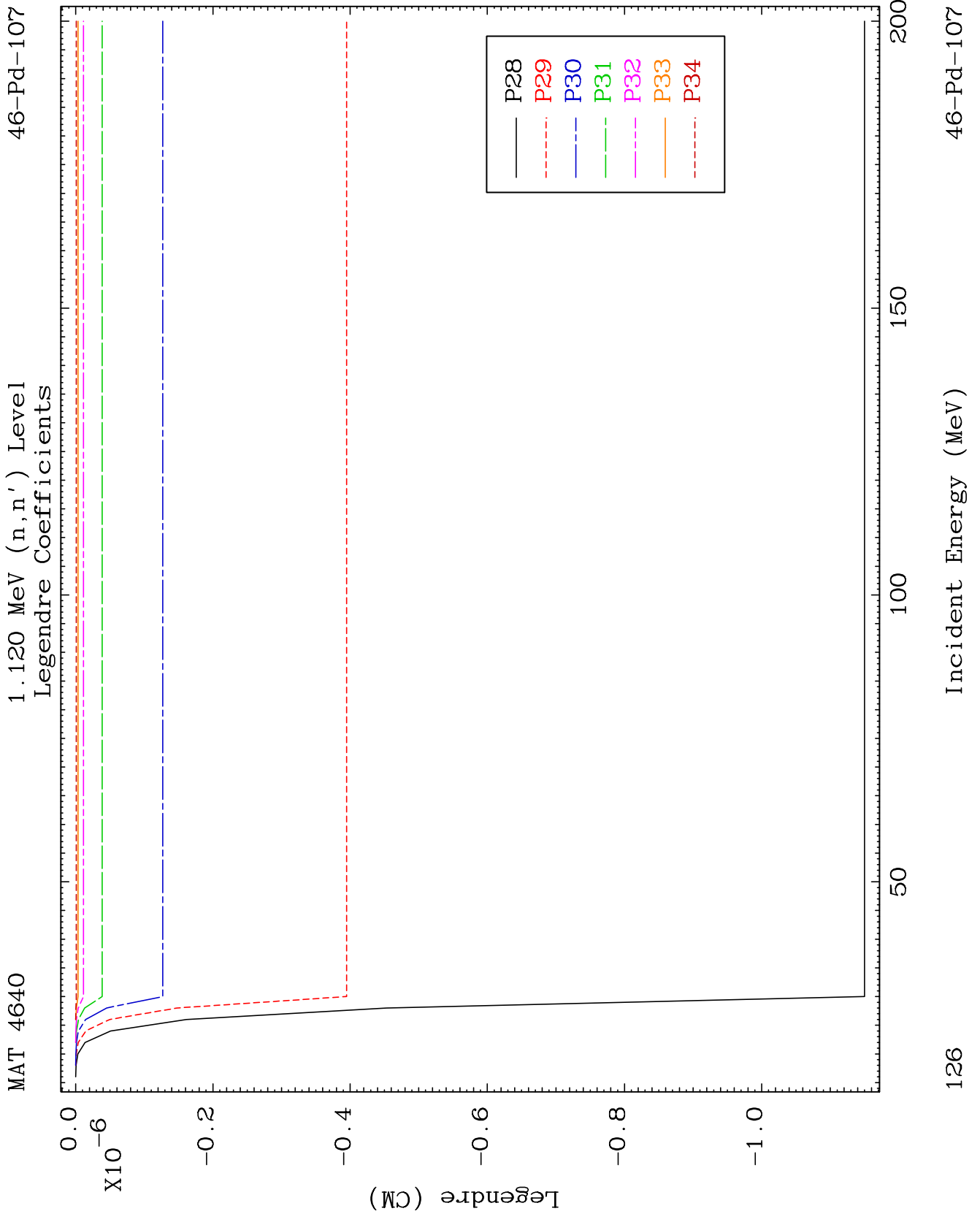


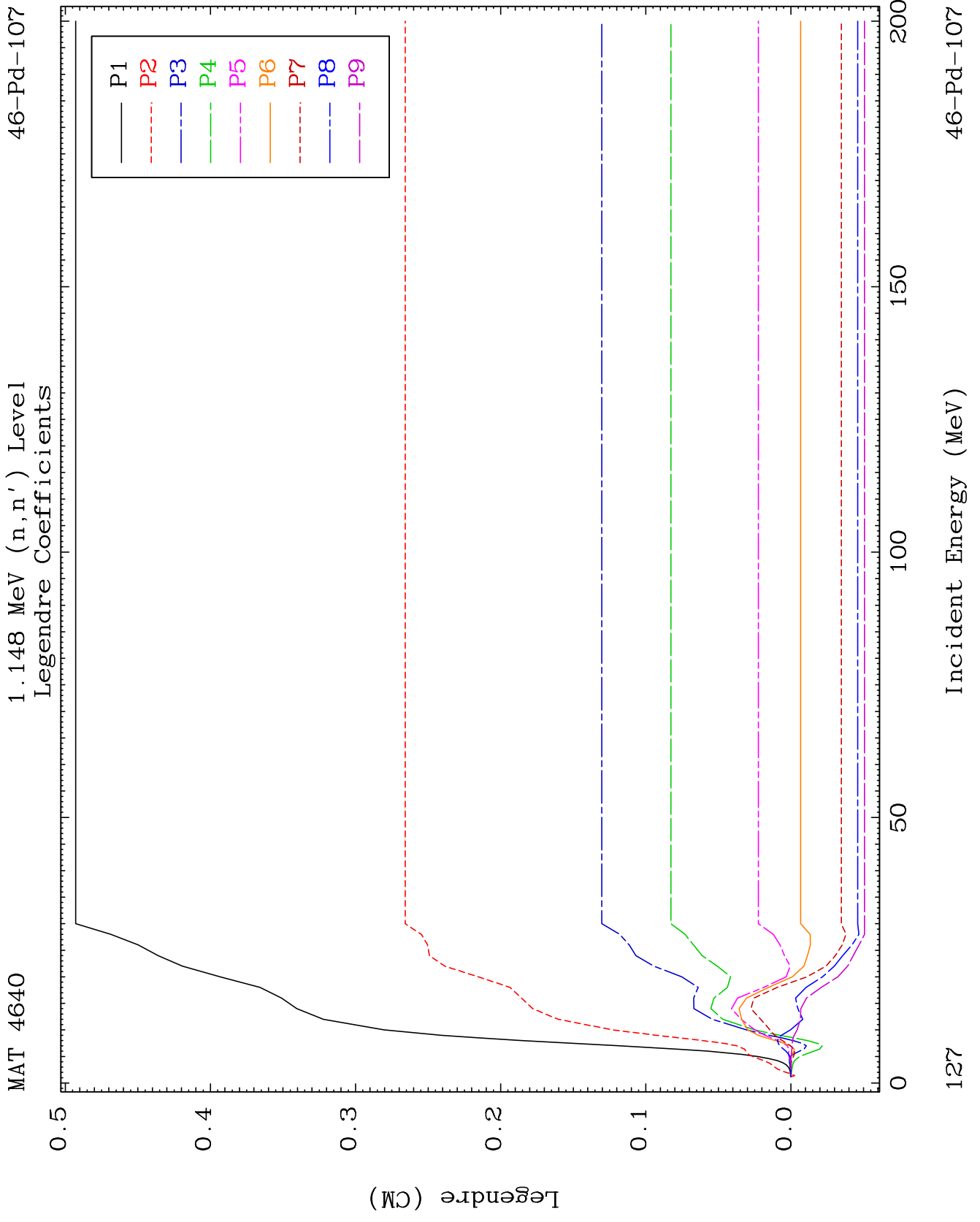






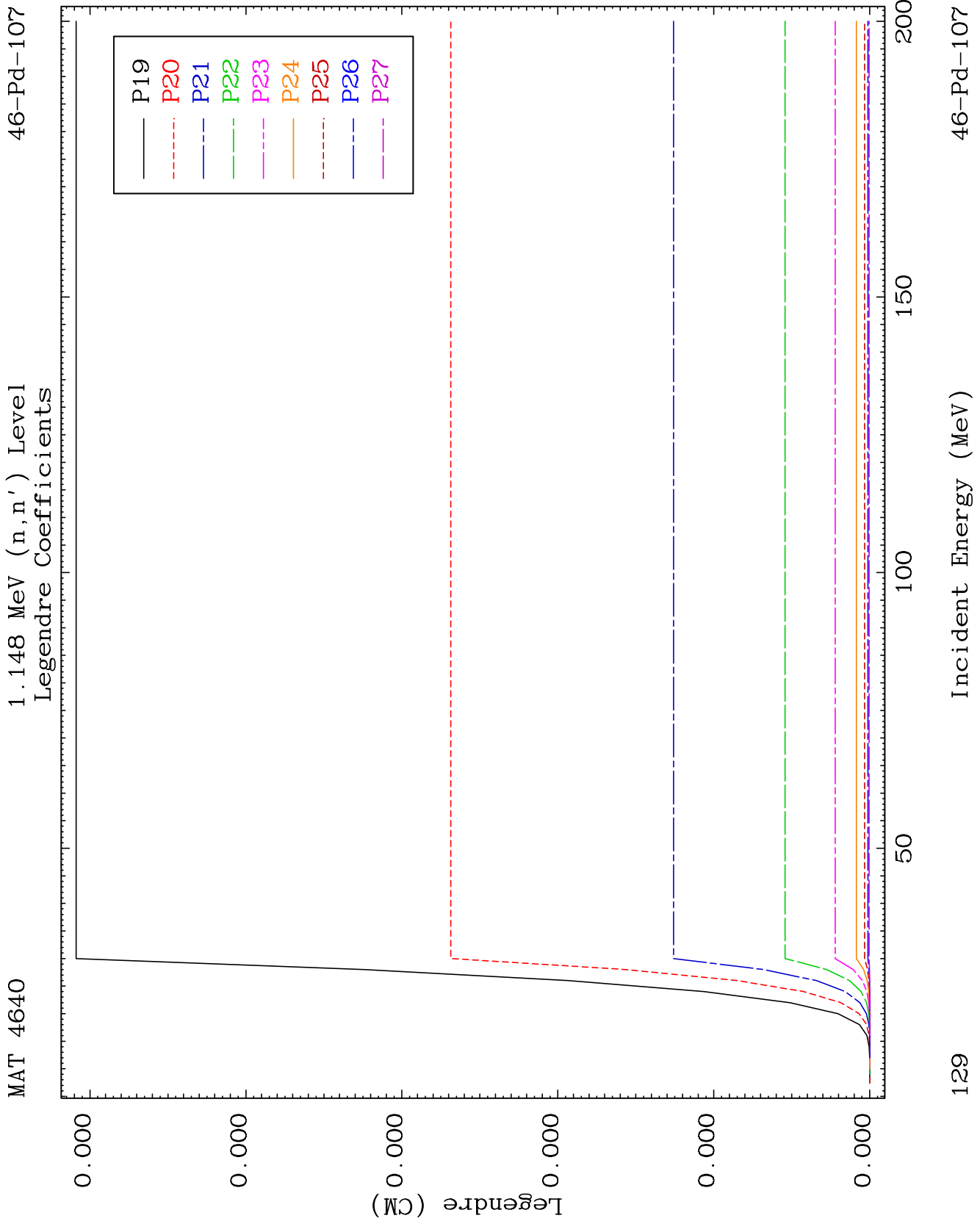


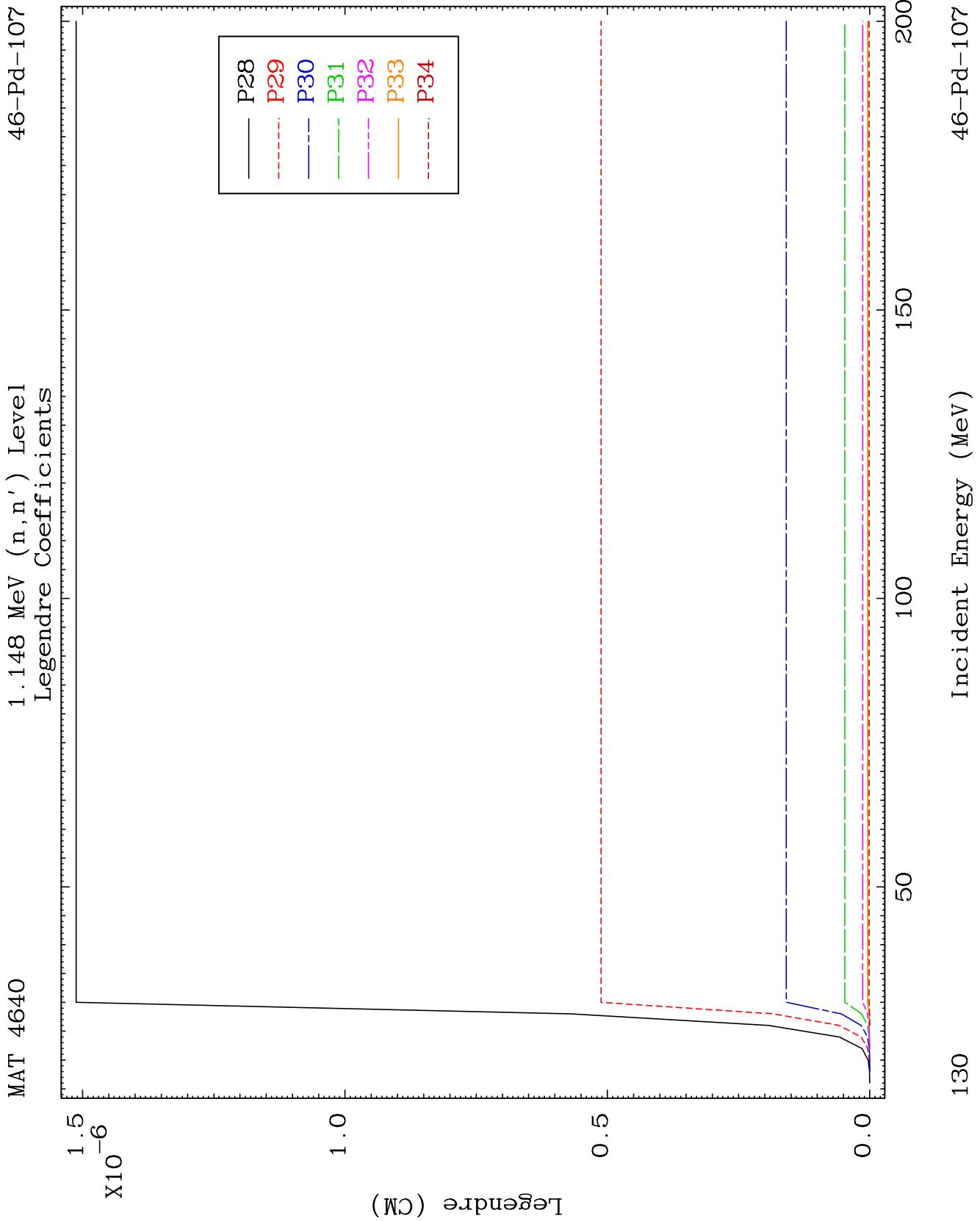


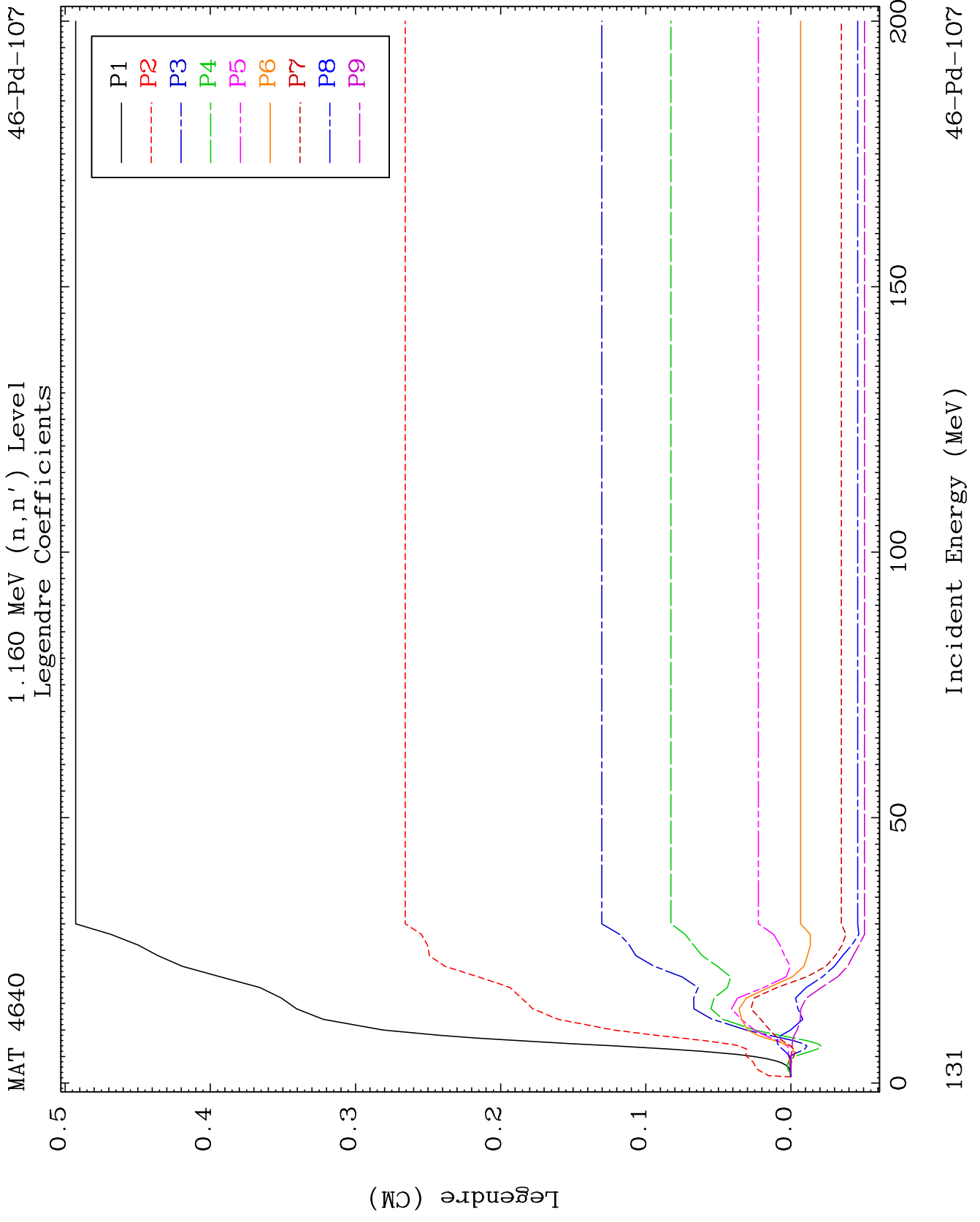


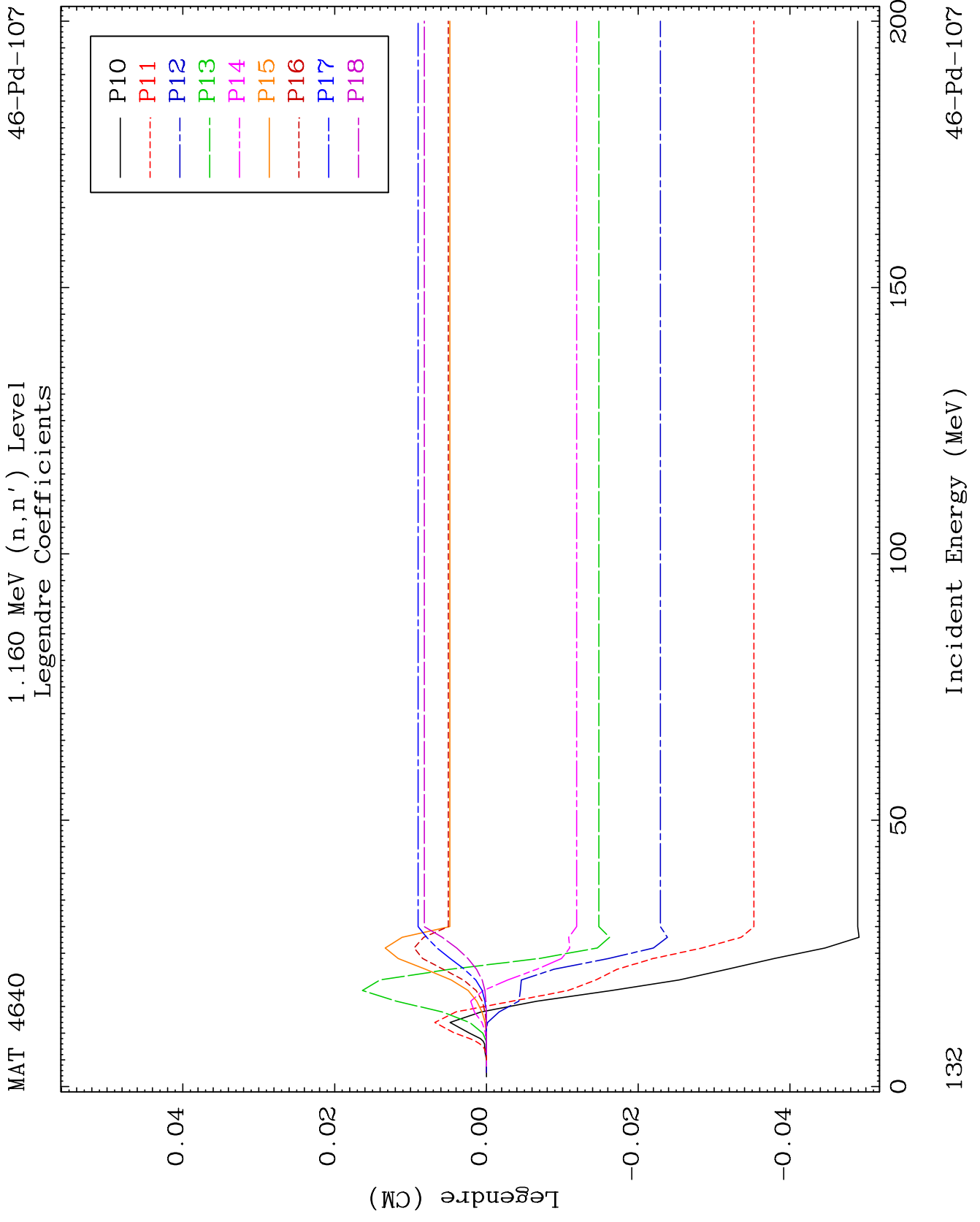


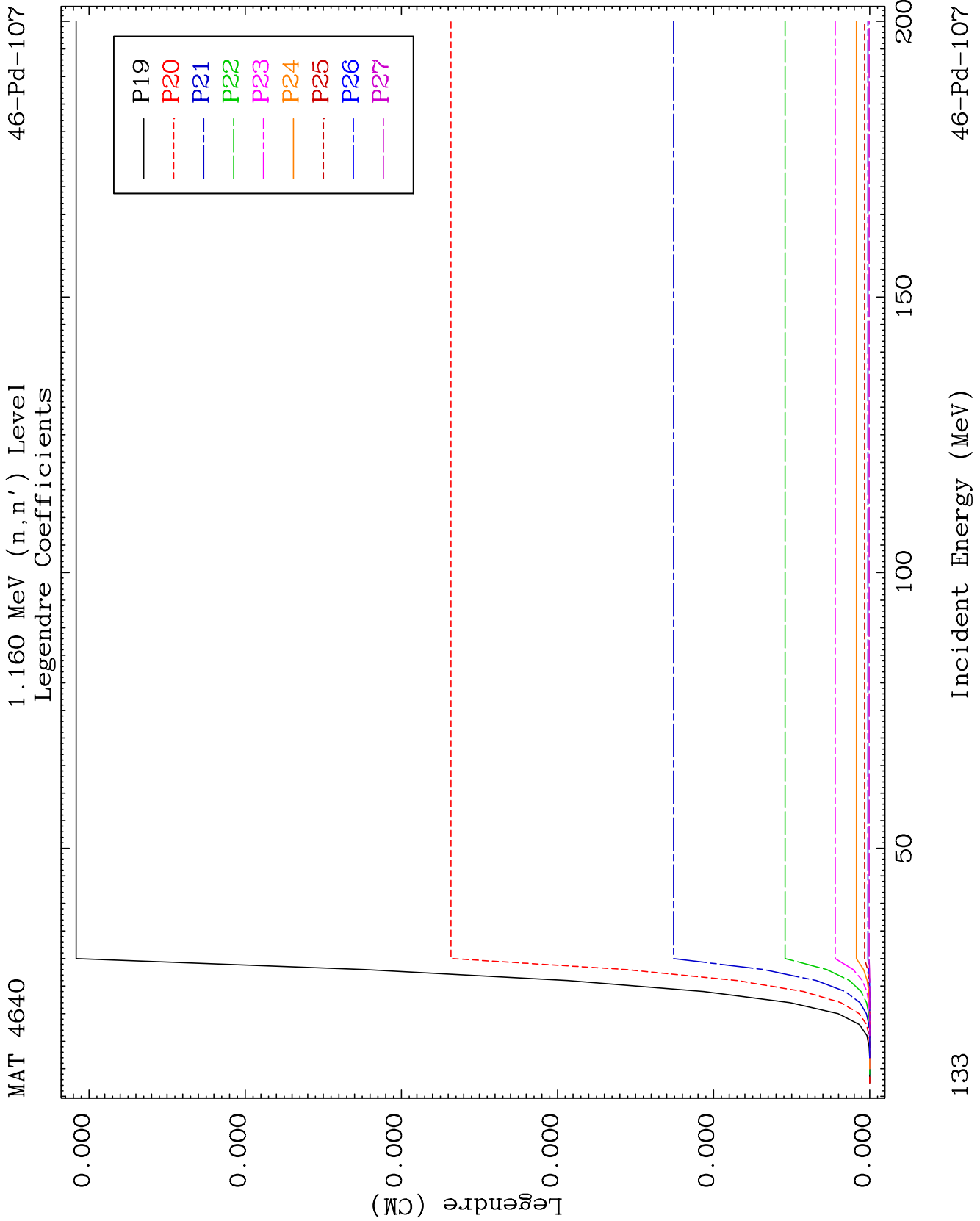


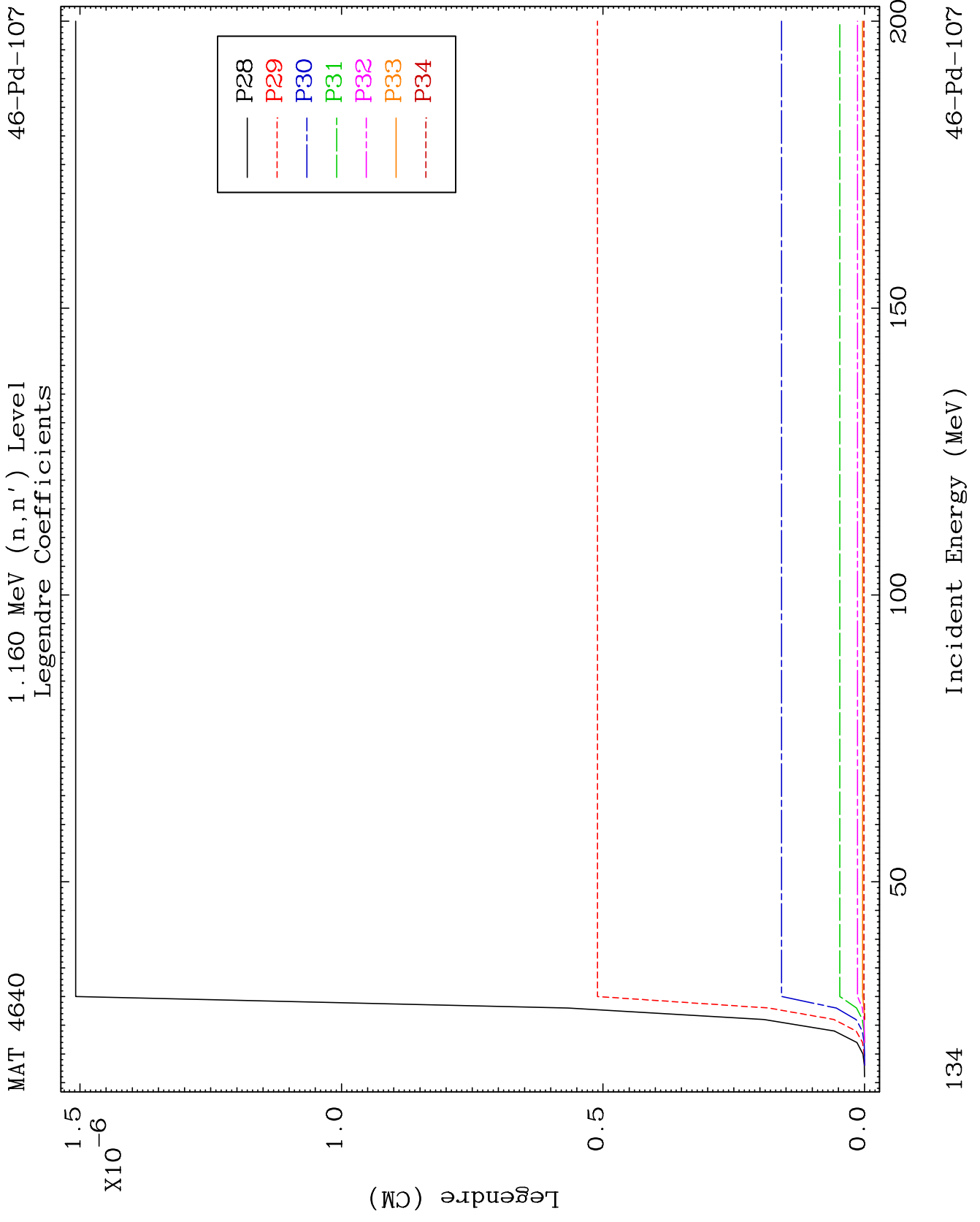


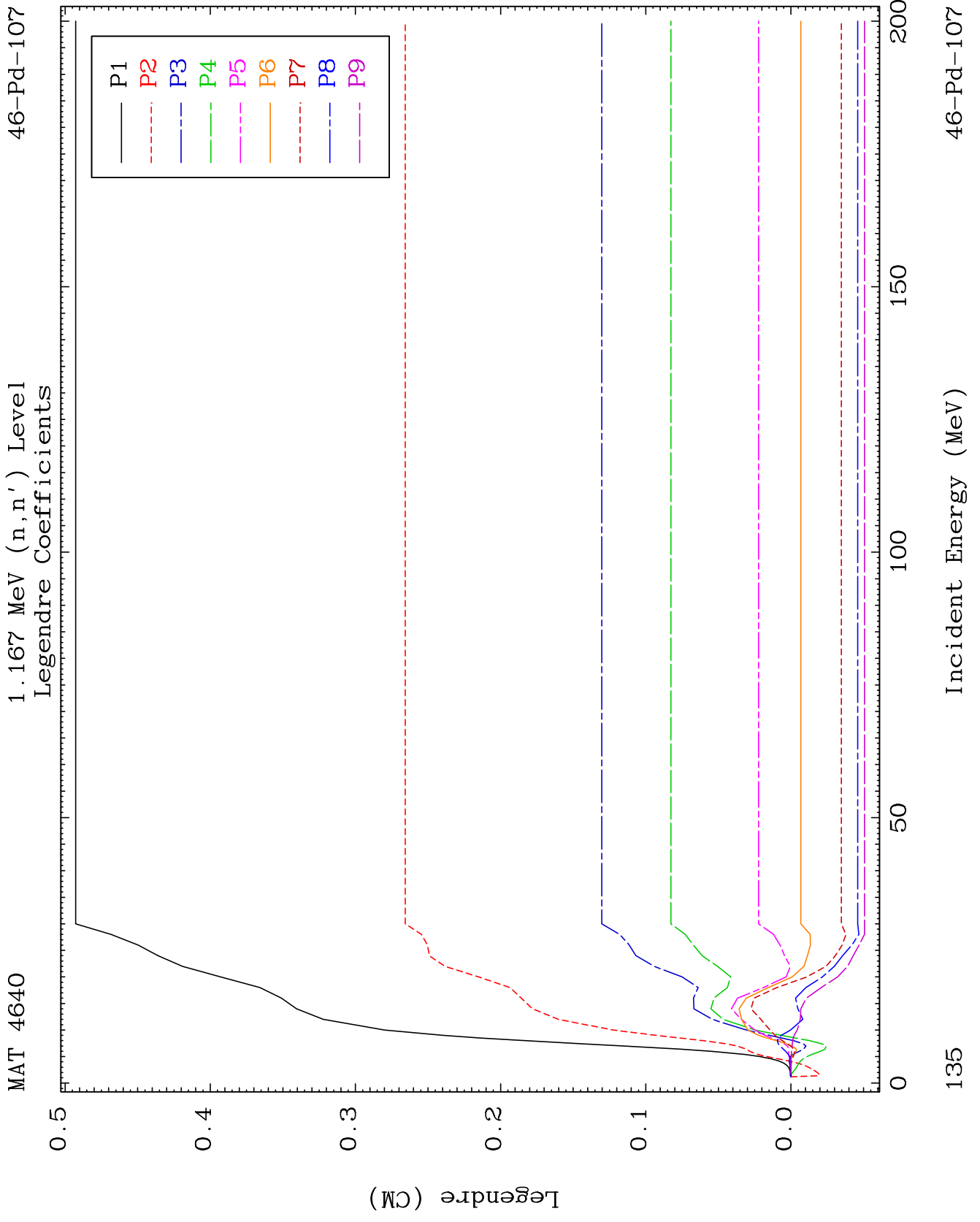






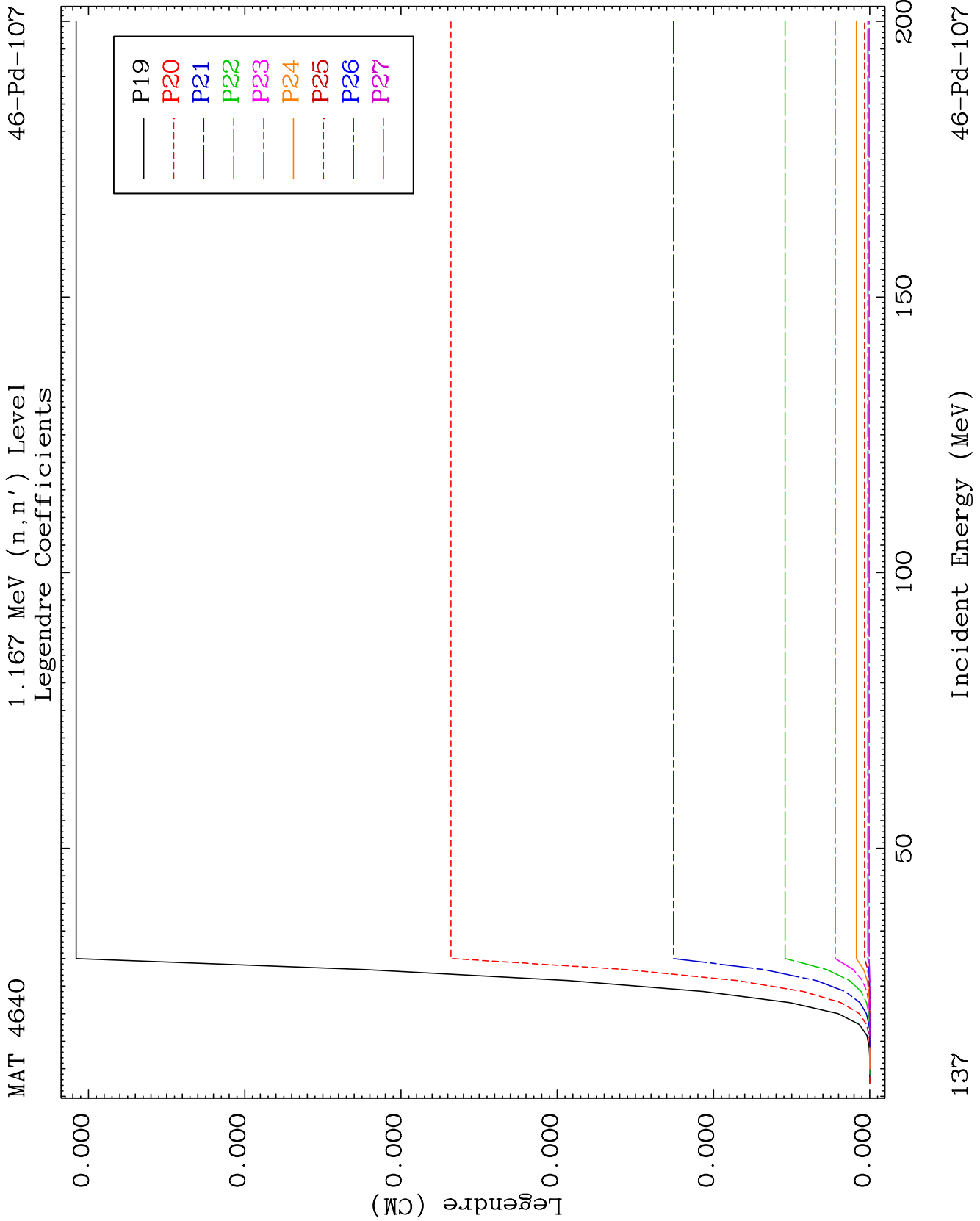


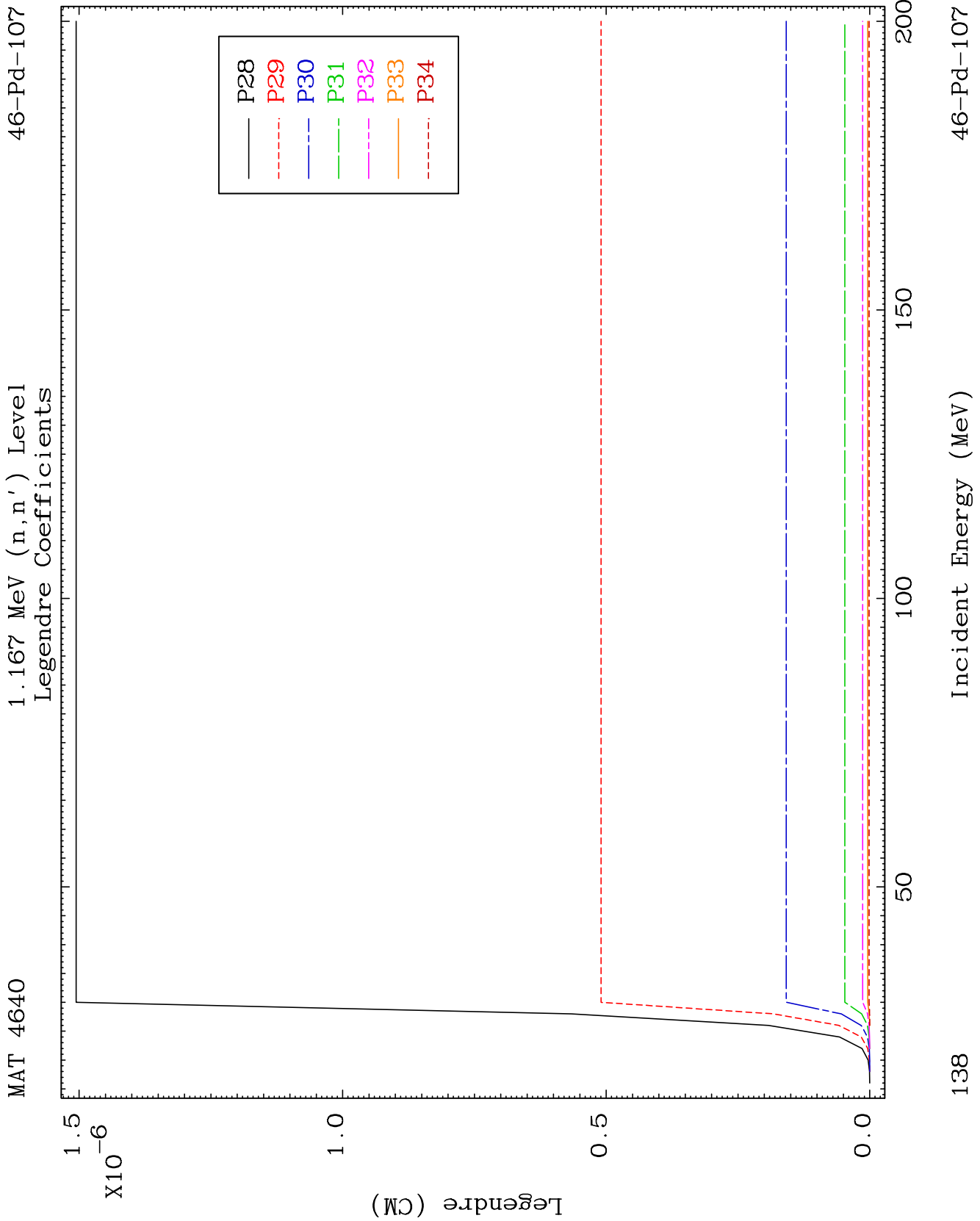








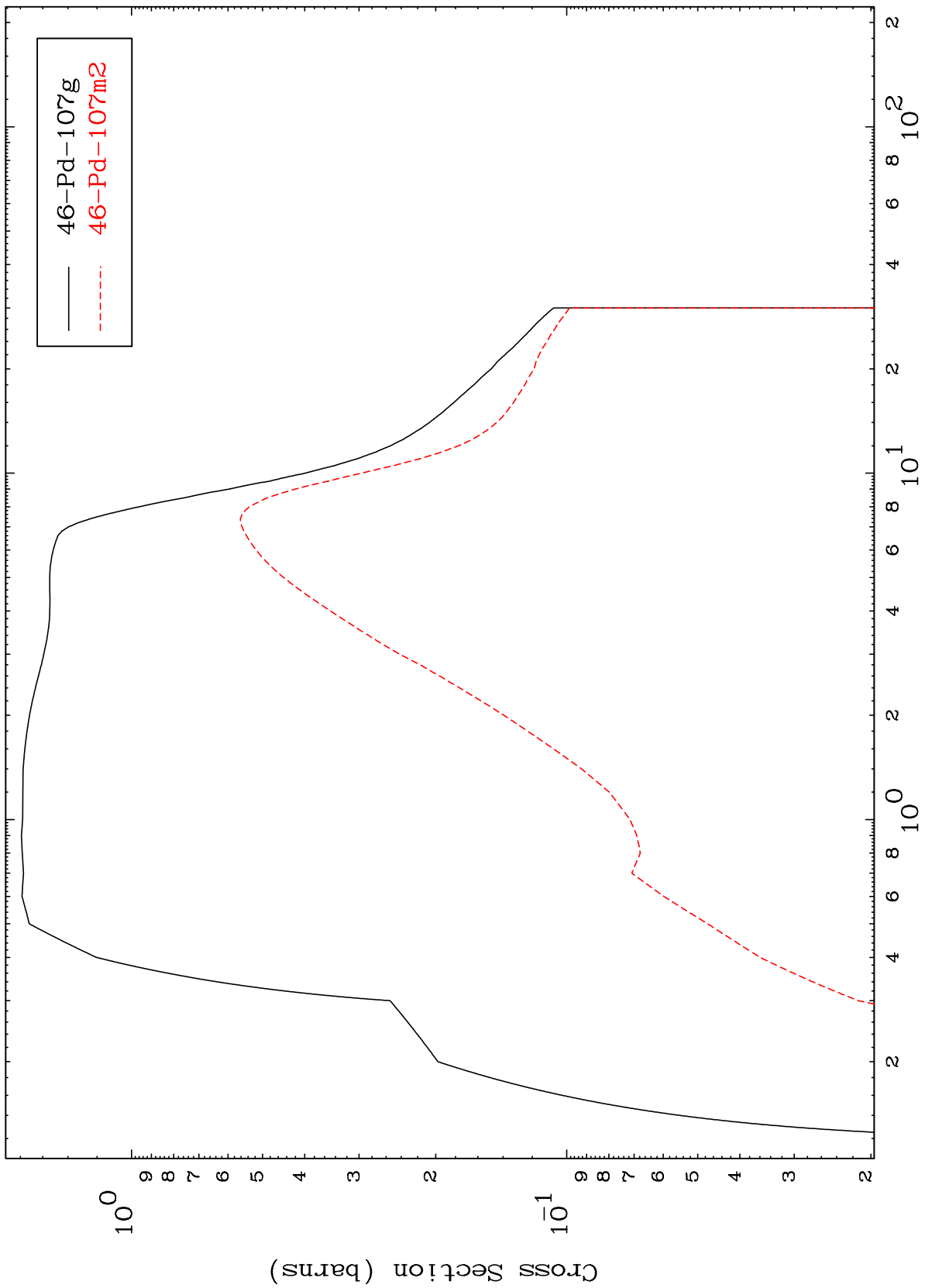




MAT 4640

46-Pd-107

Inelastic  
Radionuclide Production Cross Section

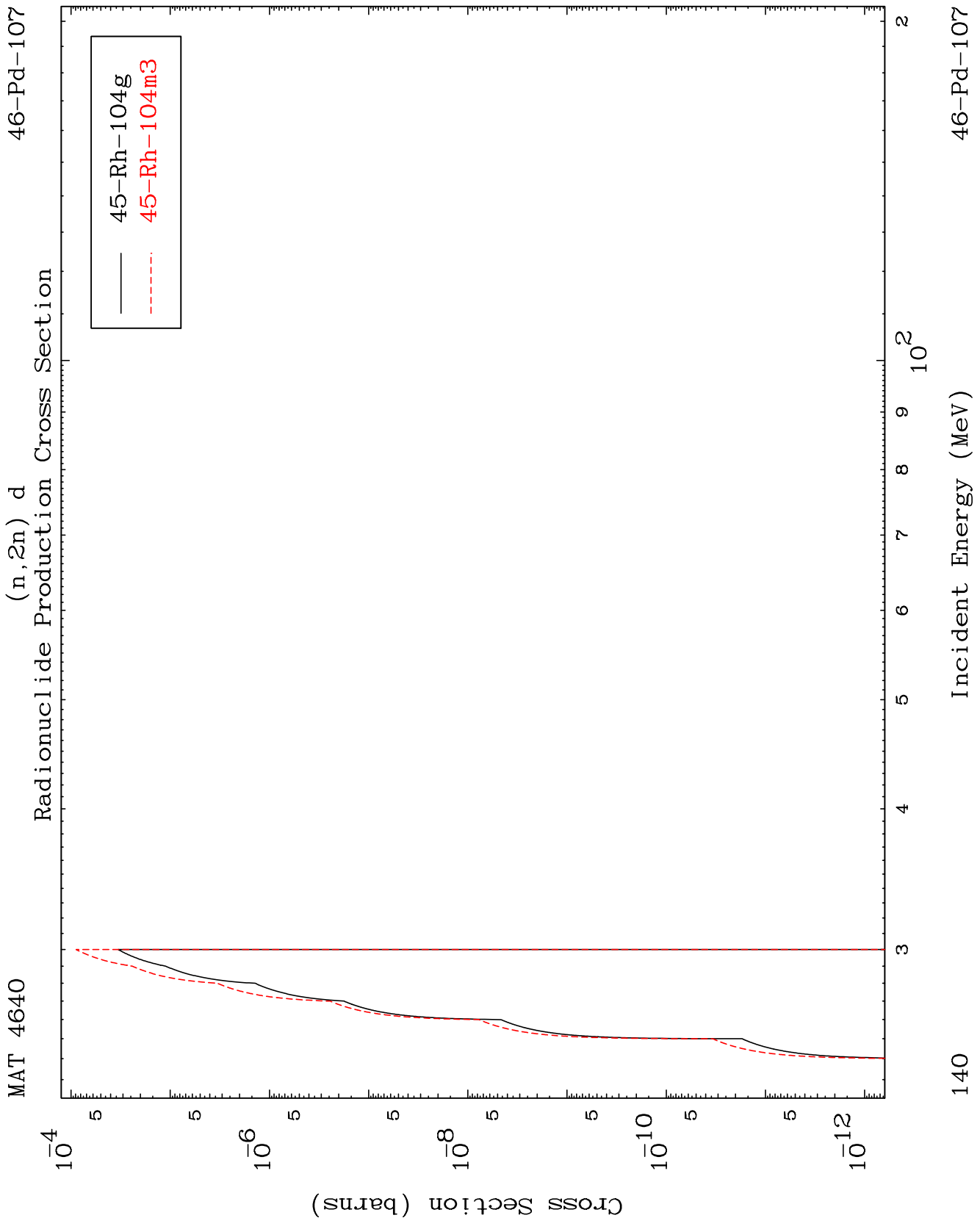


46-Pd-107g  
46-Pd-107m2

139

Incident Energy (MeV)

46-Pd-107

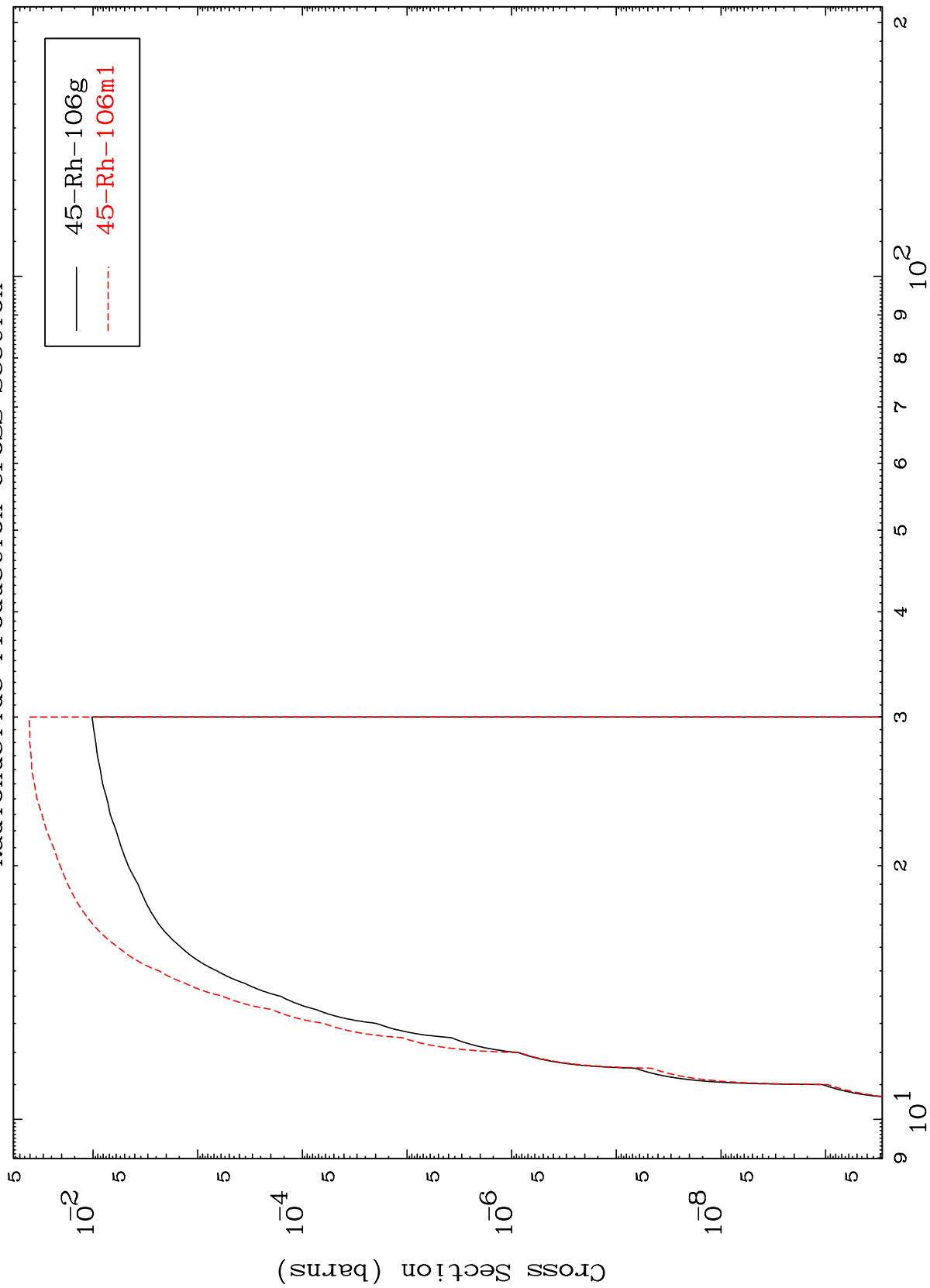


MAT 4640

(n,n') p

46-Pd-107

Radionuclide Production Cross Section



141

Incident Energy (MeV)

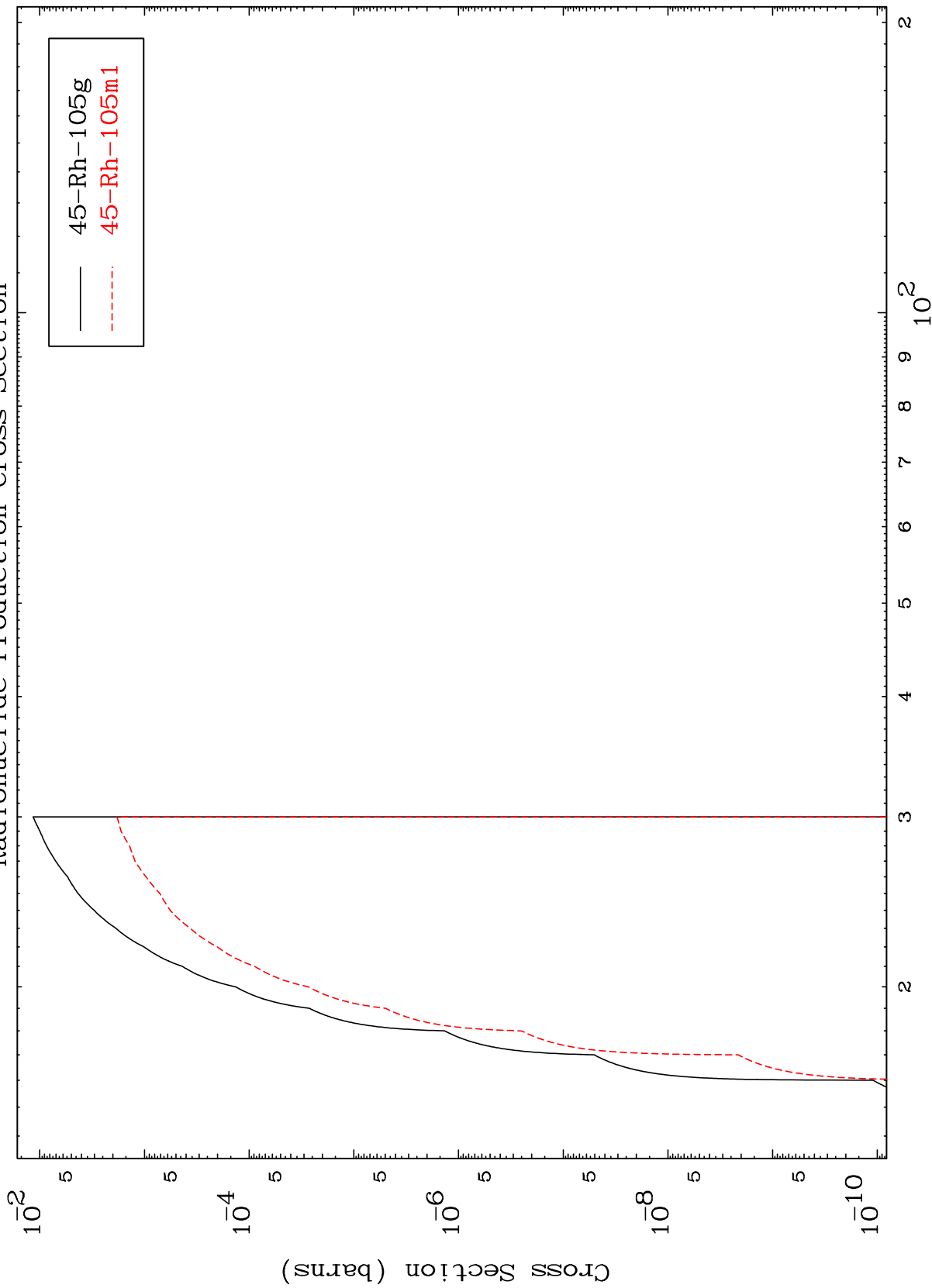
46-Pd-107

MAT 4640

(n,n') d

46-Pd-107

Radionuclide Production Cross Section



142

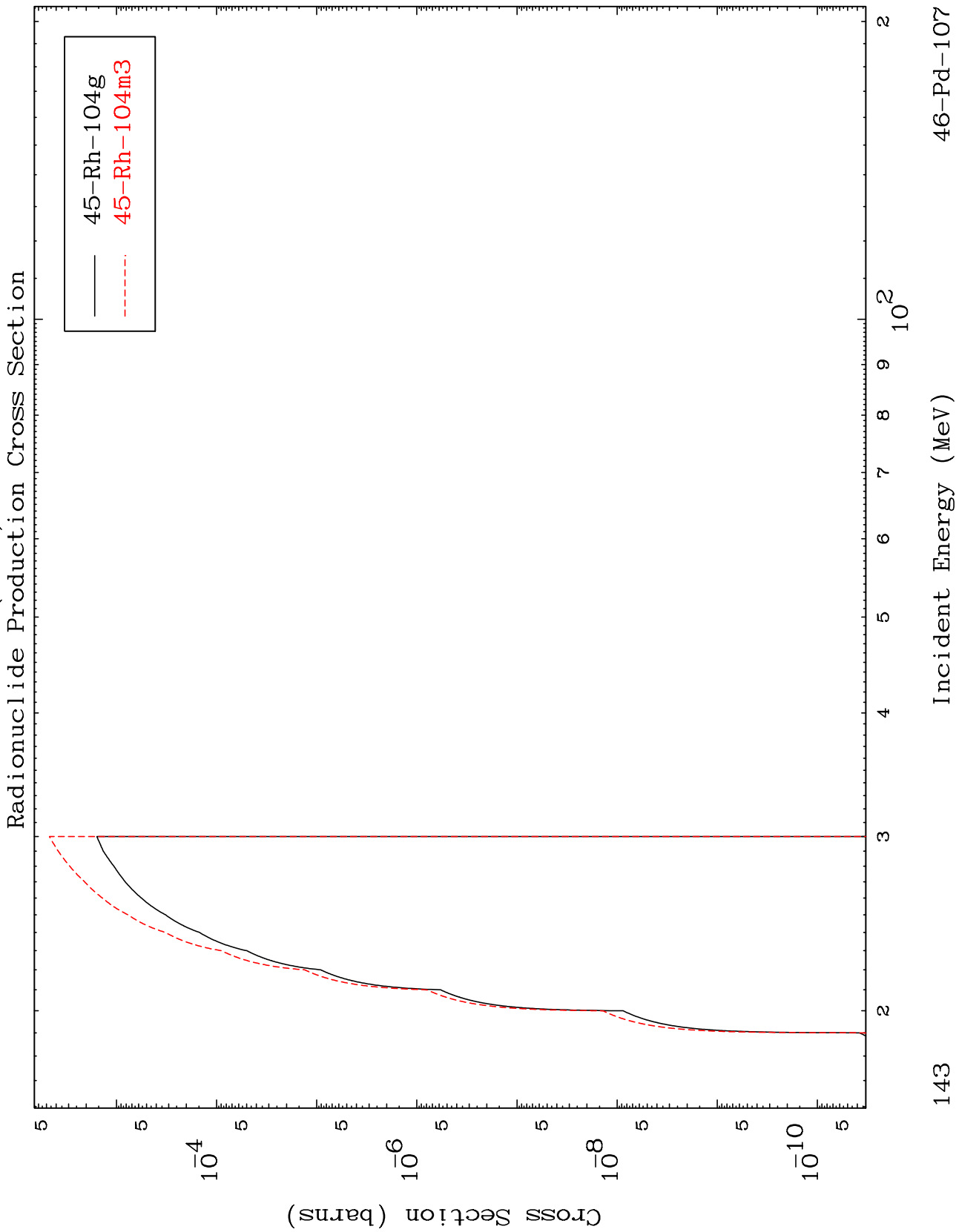
Incident Energy (MeV)

46-Pd-107

MAT 4640

(n,n') t

46-Pd-107



143

Incident Energy (MeV)

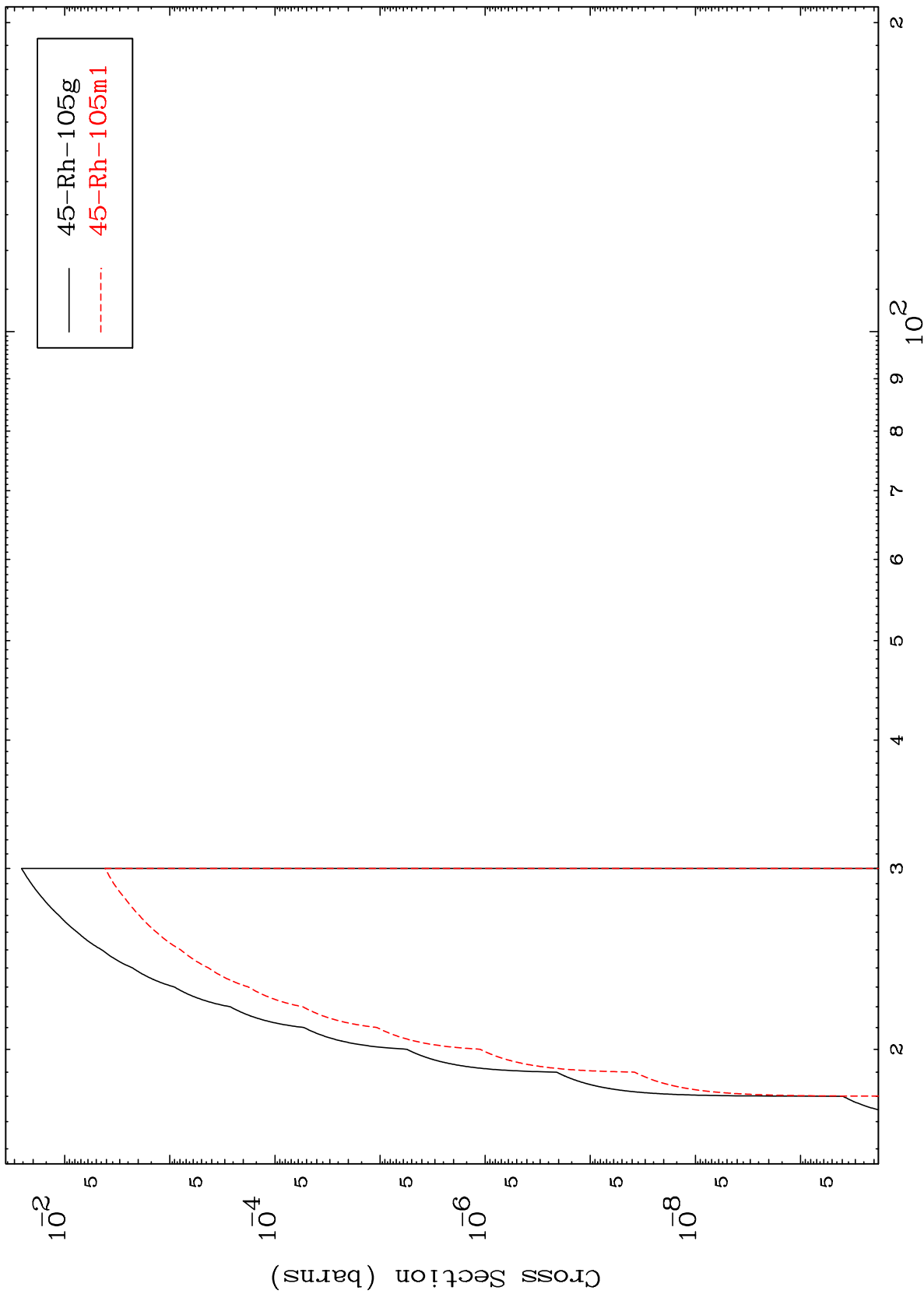
46-Pd-107



MAT 4640

46-Pd-107

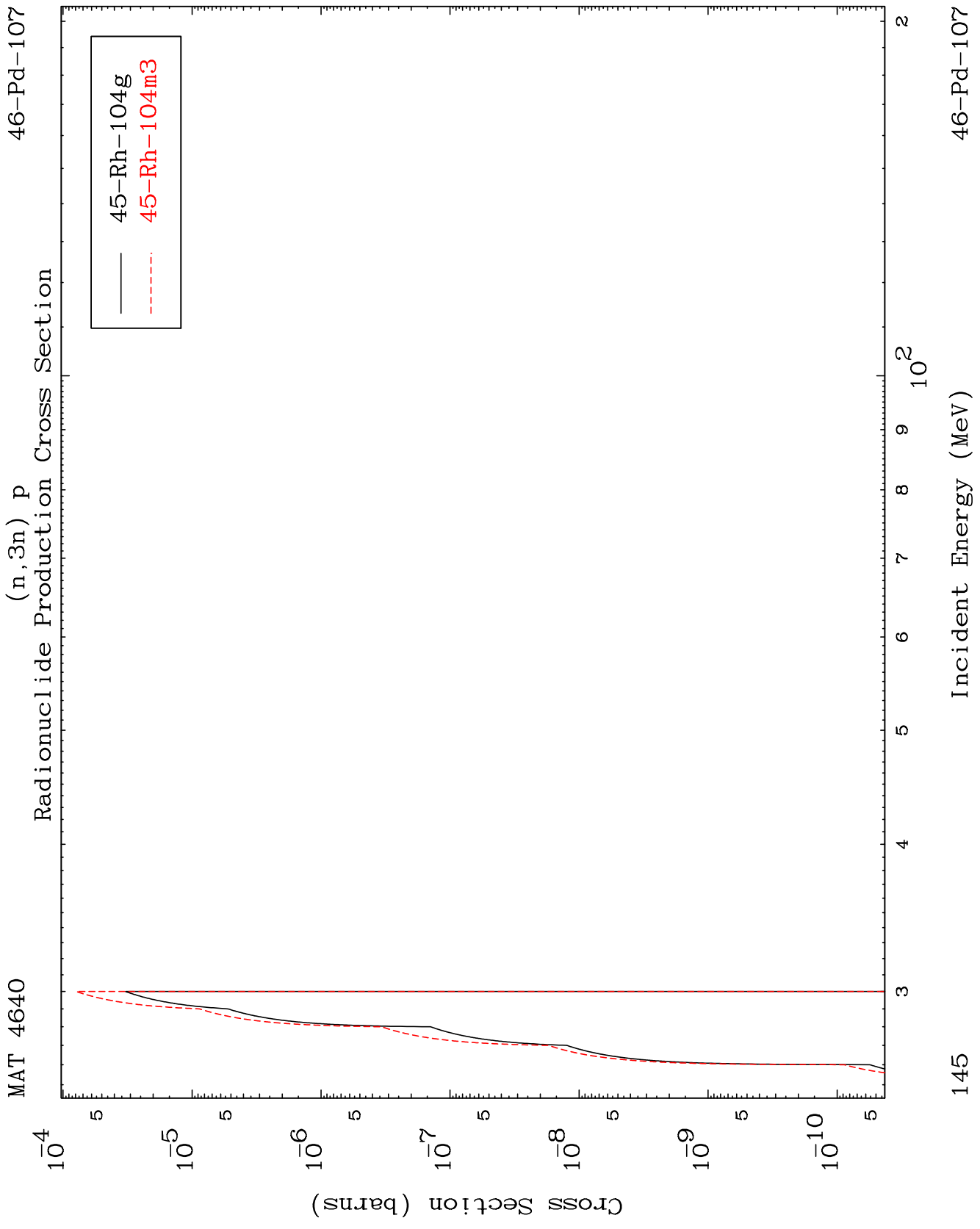
(n,2n) p  
Radionuclide Production Cross Section



144

Incident Energy (MeV)

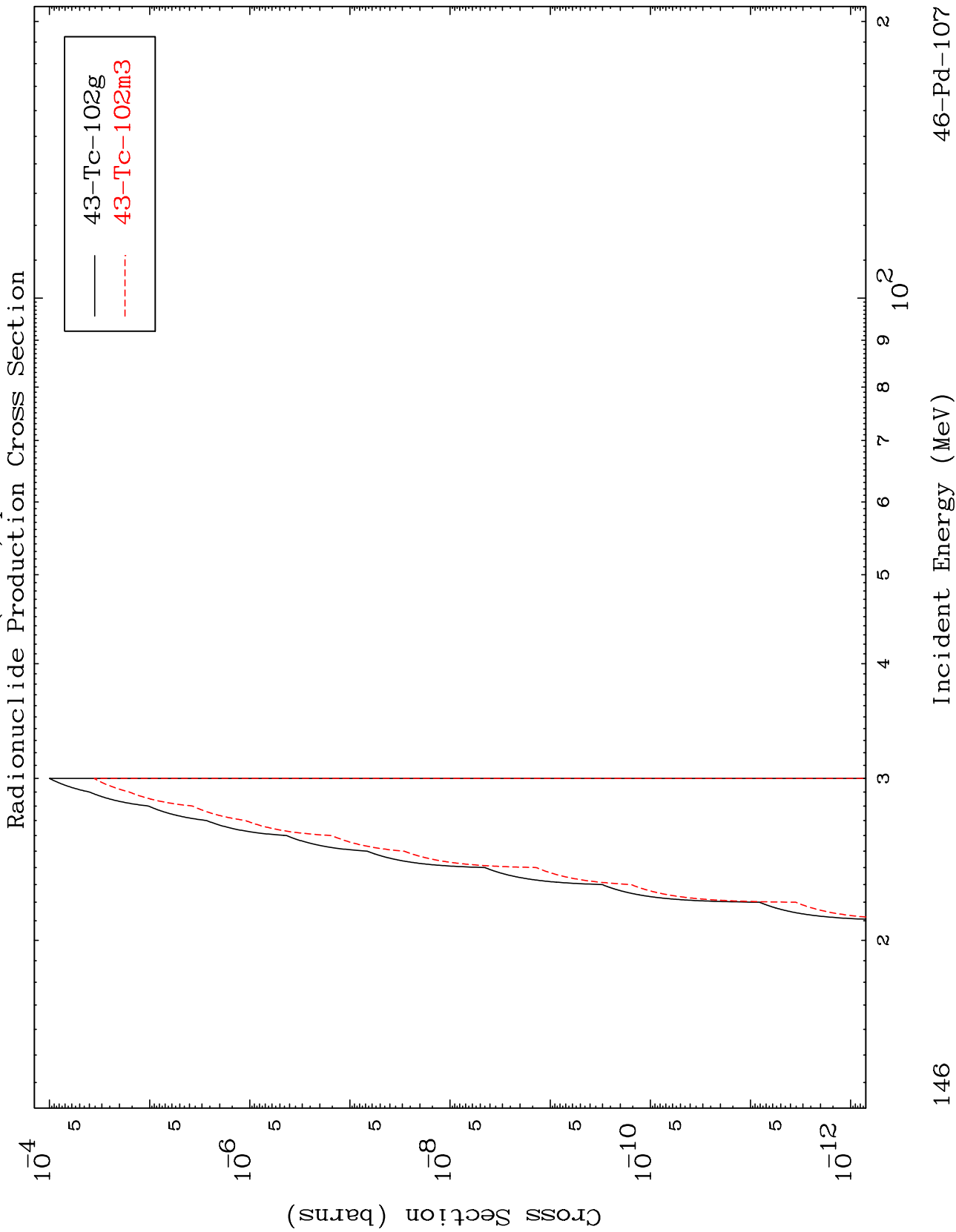
46-Pd-107



MAT 4640

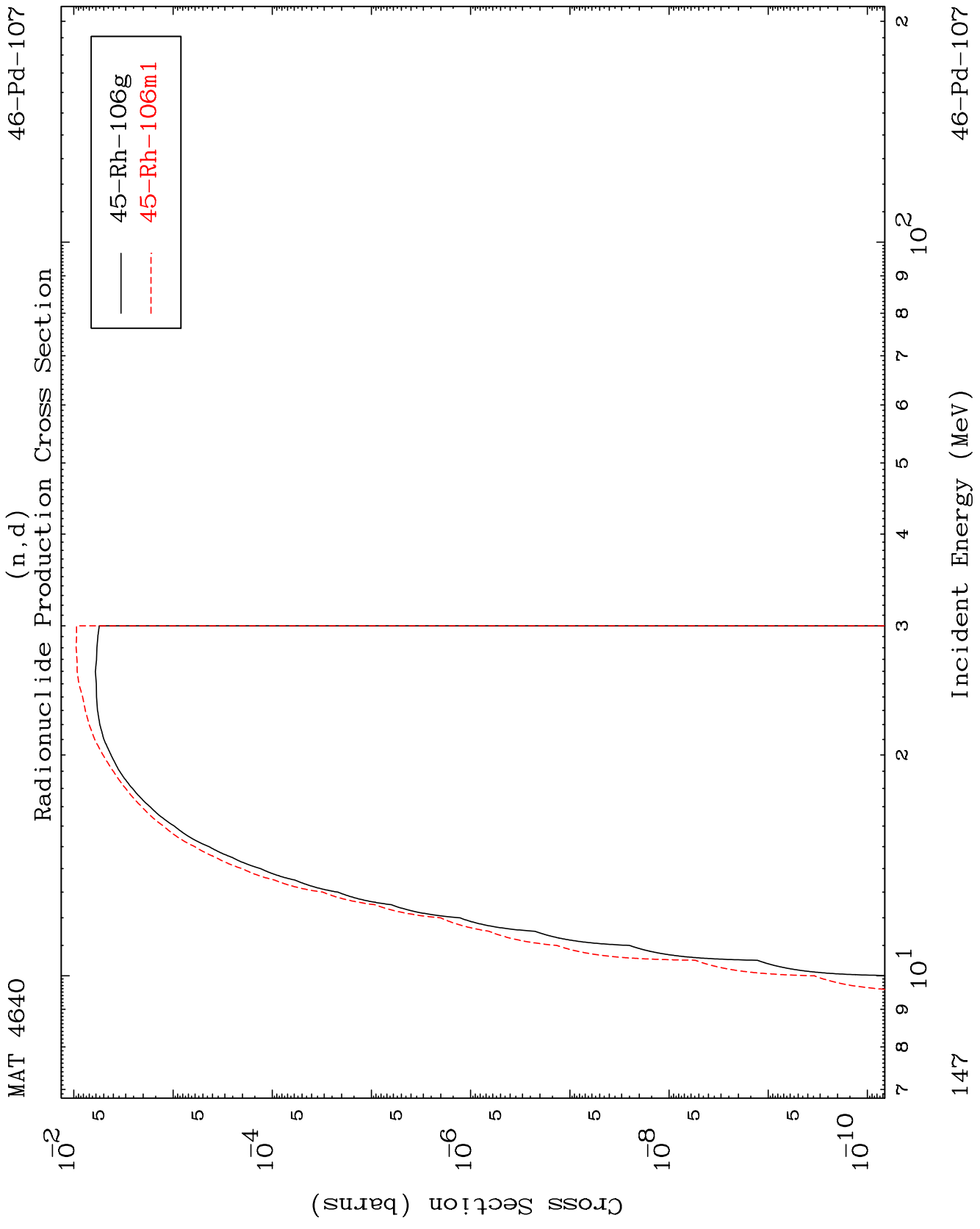
(n,n') p  $\alpha$

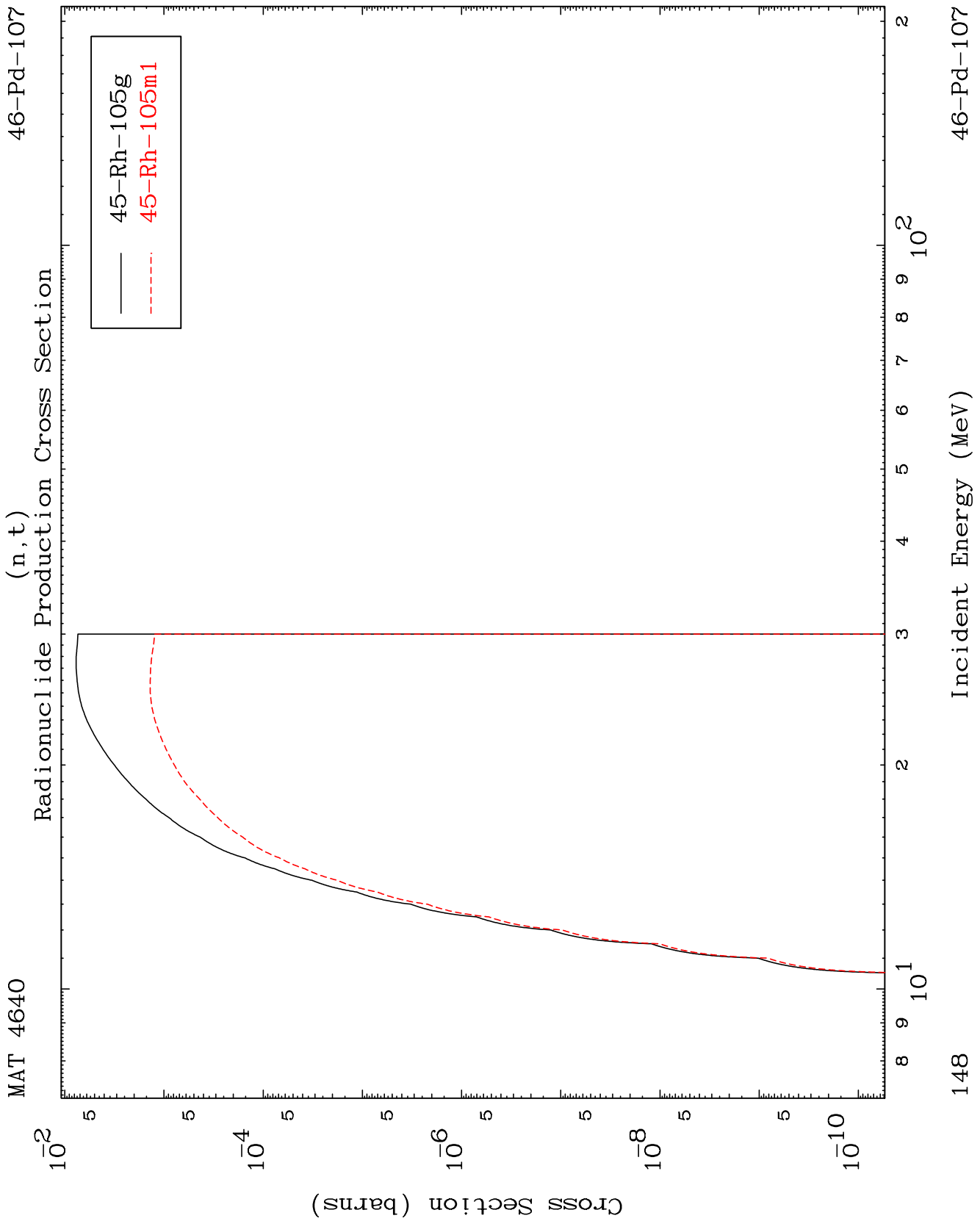
46-Pd-107



146

46-Pd-107



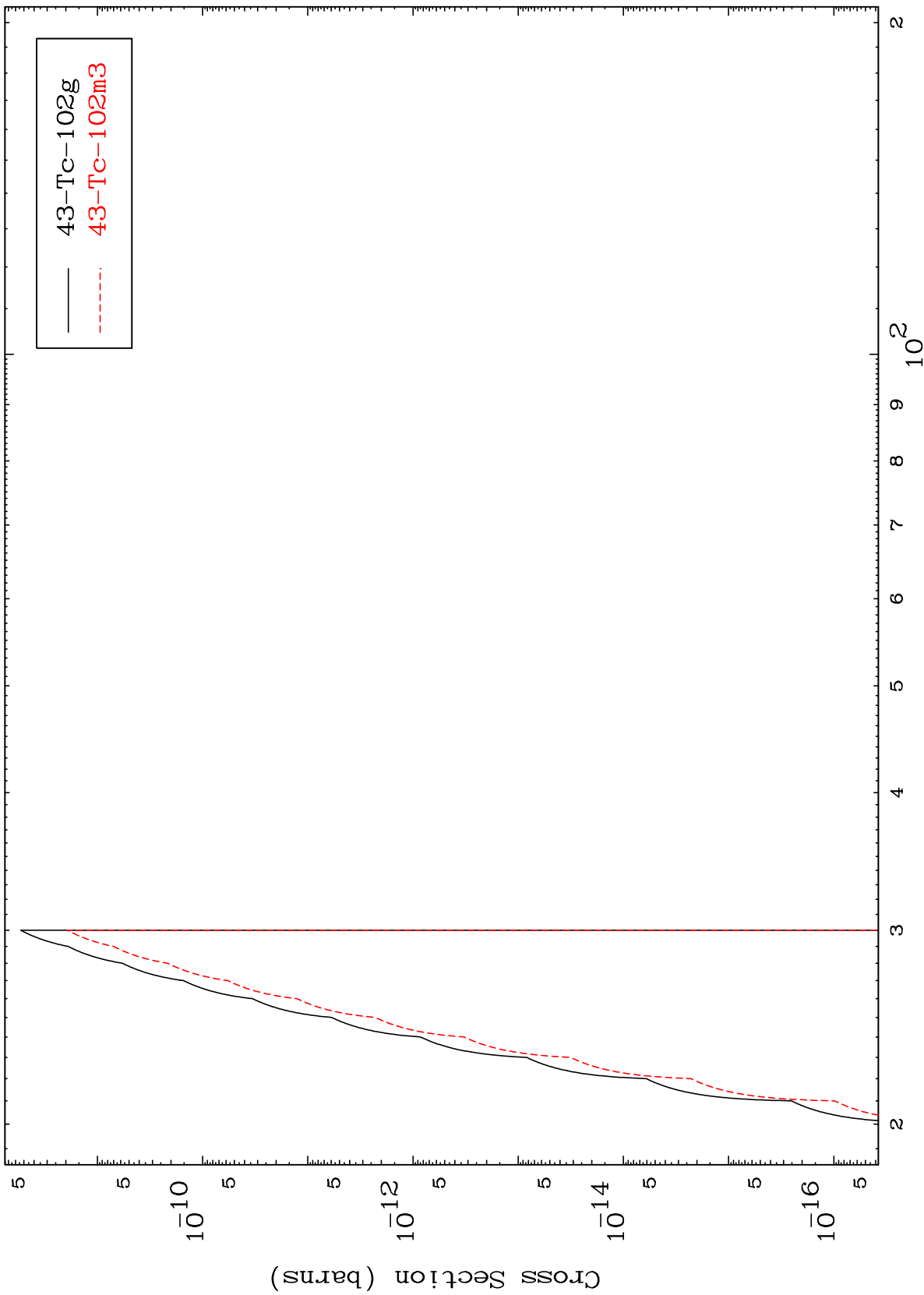


MAT 4640

(n,d)  $\alpha$

46-Pd-107

Radionuclide Production Cross Section



149

Incident Energy (MeV)

46-Pd-107