

Program EVALPLOT
(Version 2015-2)

by

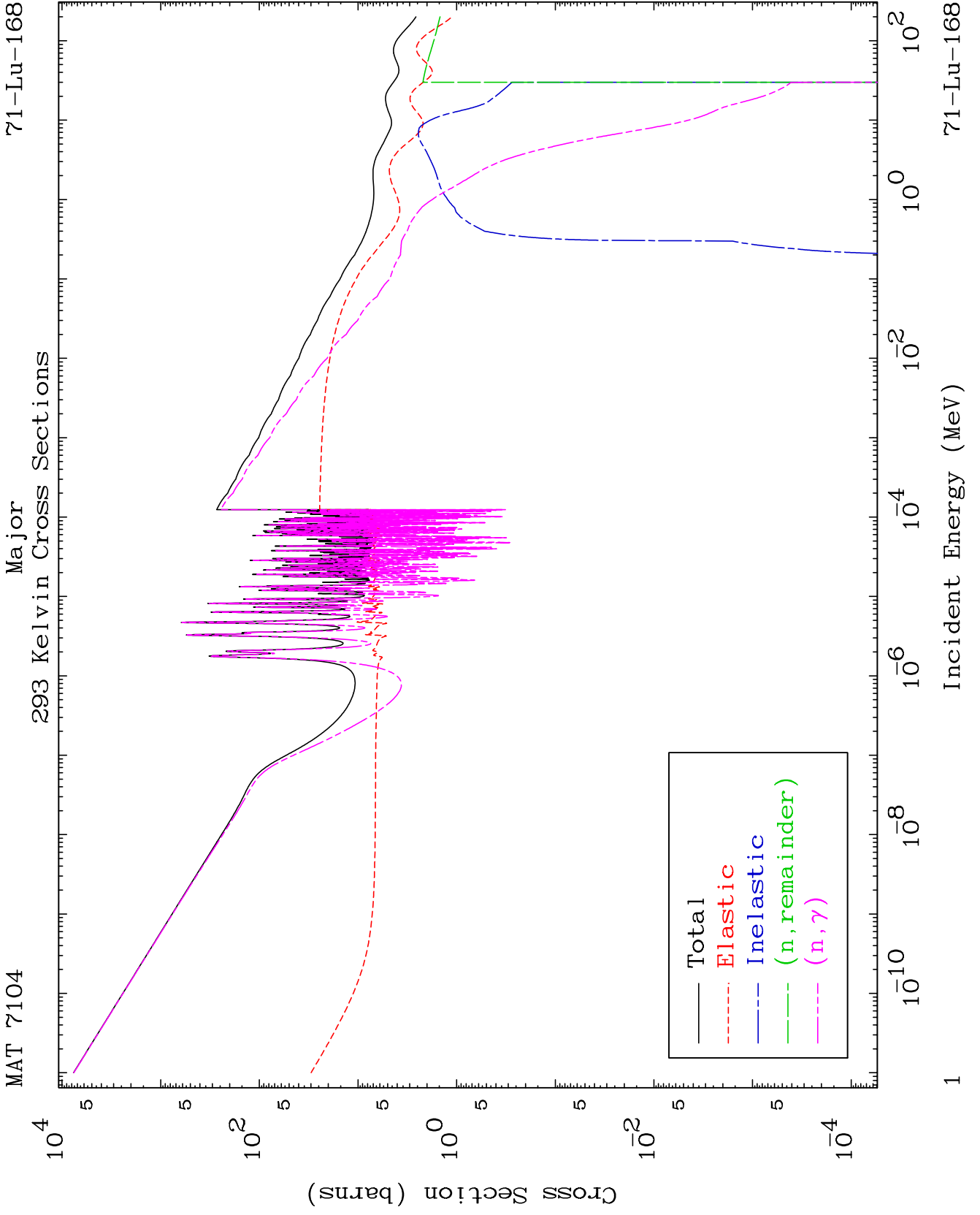
Dermott E. Cullen
(Present Contact Information)

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

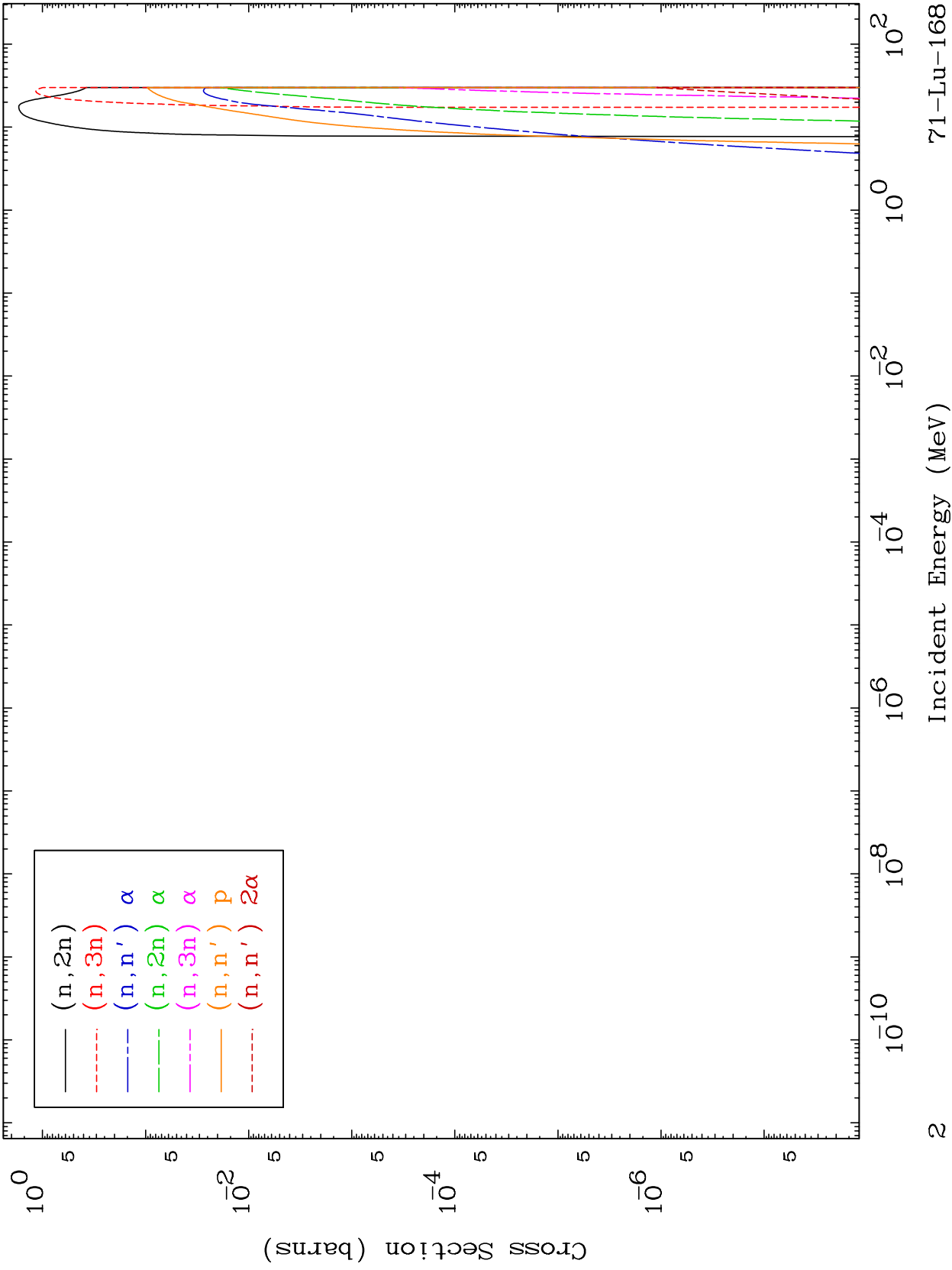
Press Mouse Button to Start

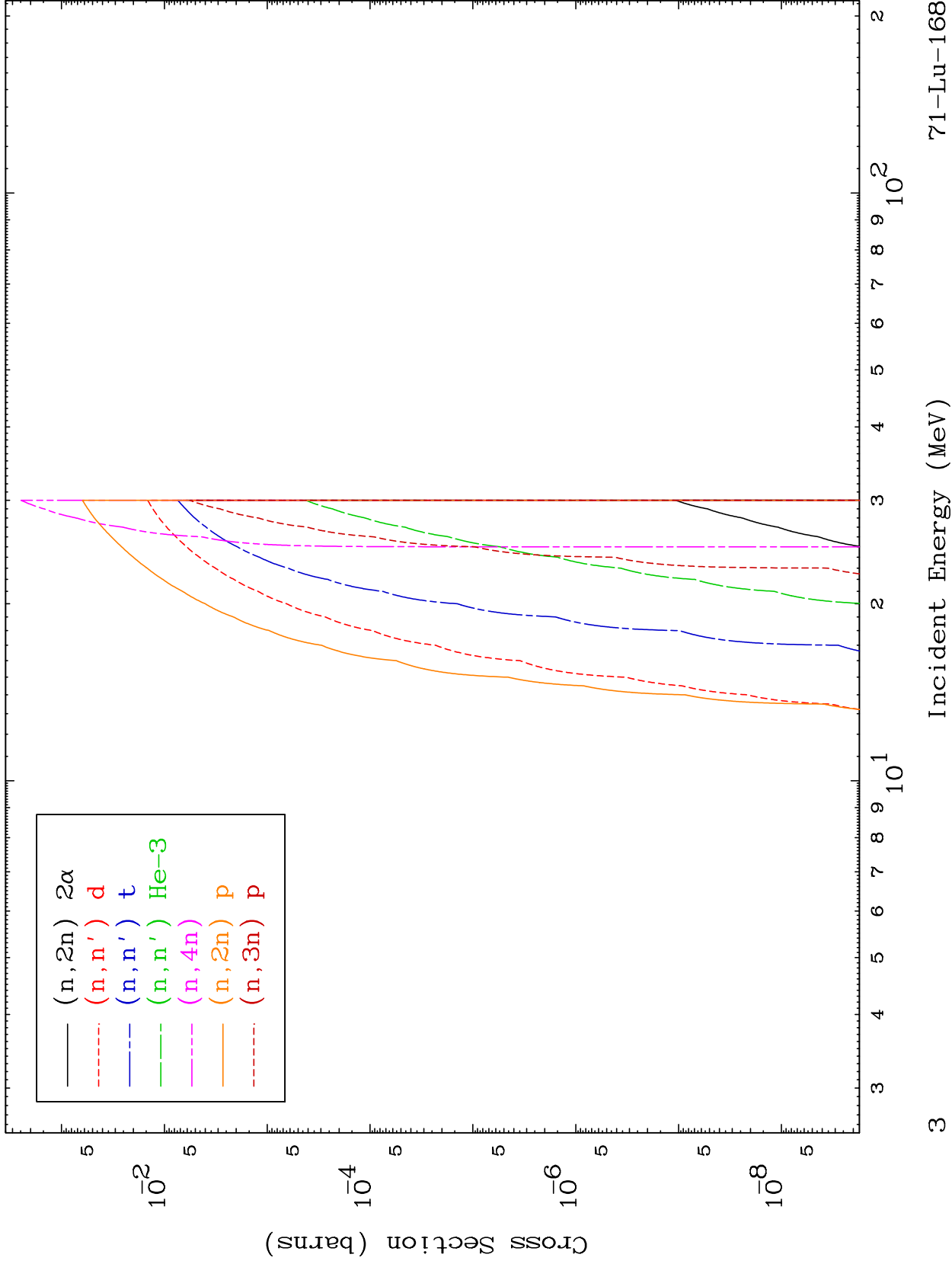


MAT 7104

Neutron Production
293 Kelvin Cross Sections

71-Lu-168

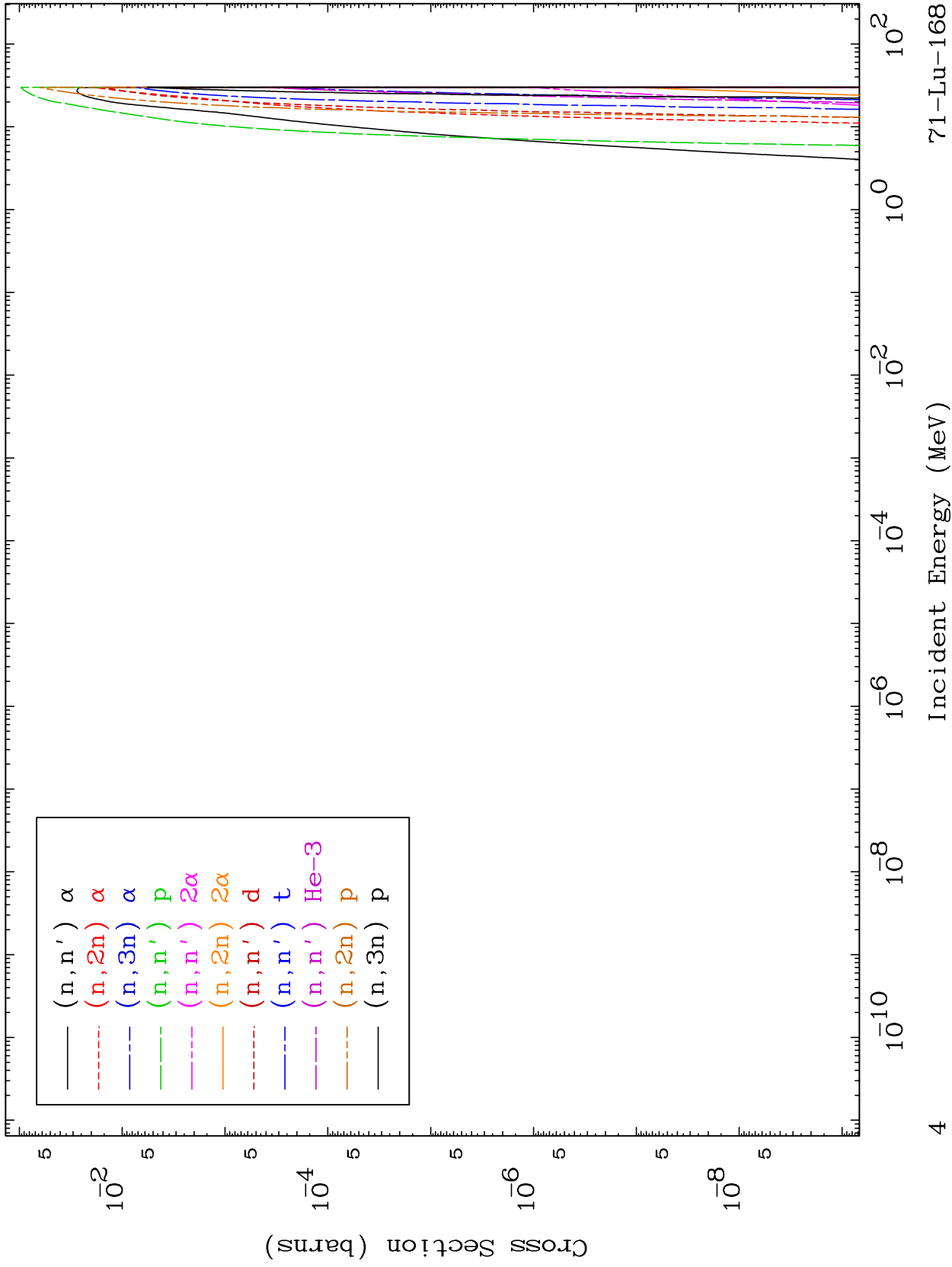




MAT 7104

Charged Particle
293 Kelvin Cross Sections

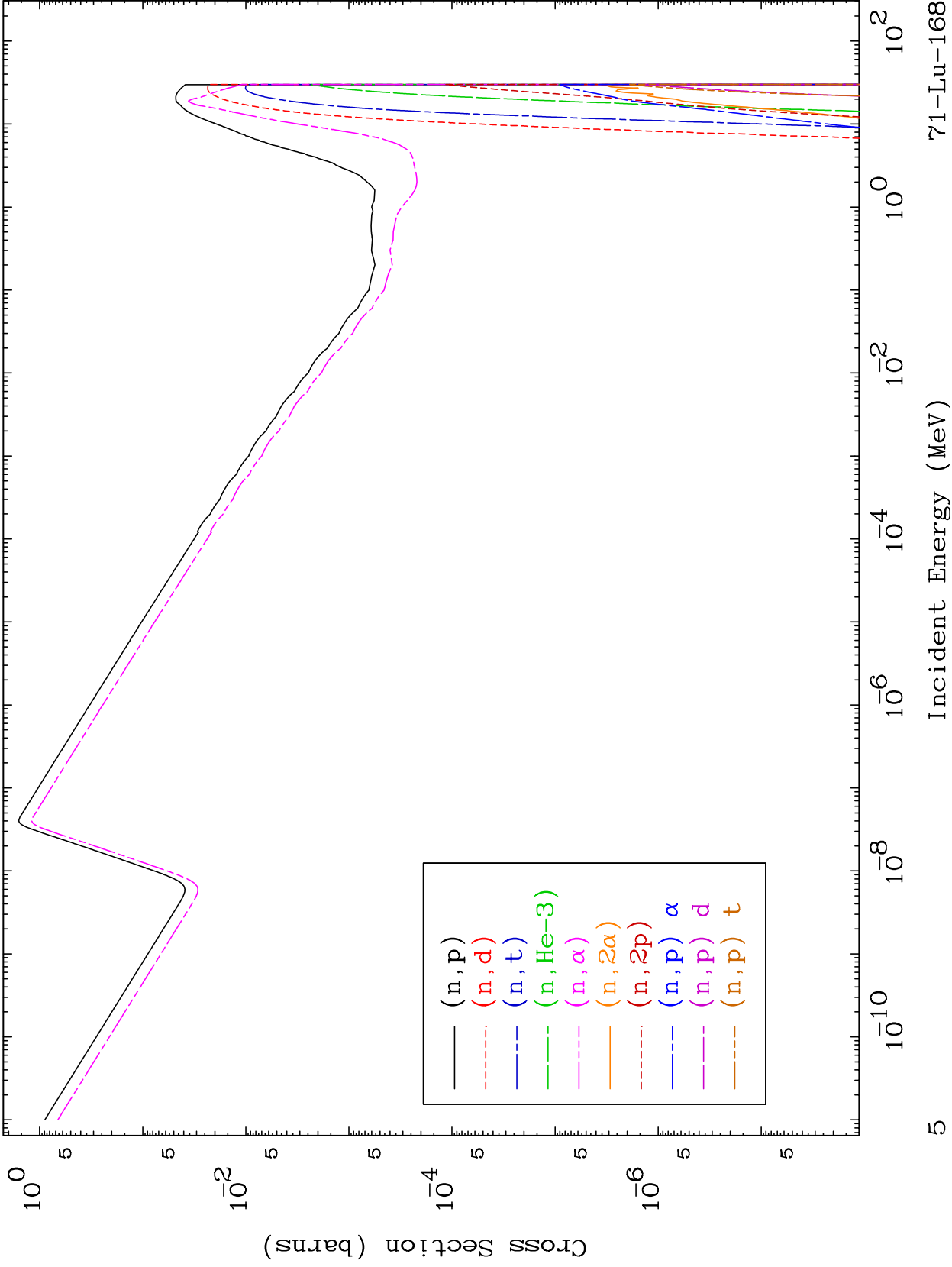
71-Lu-168



MAT 7104

Charged Particle
293 Kelvin Cross Sections

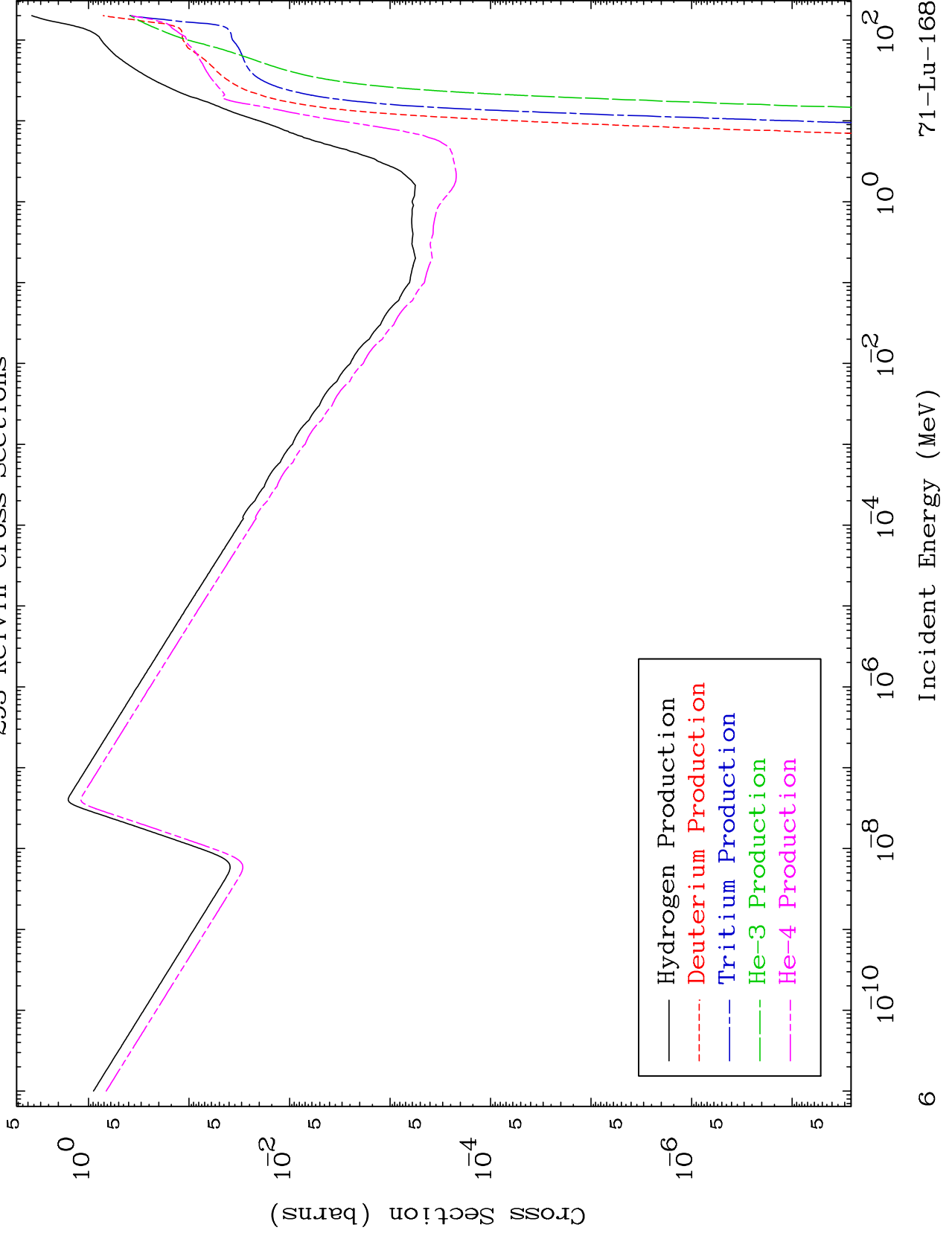
71-Lu-168

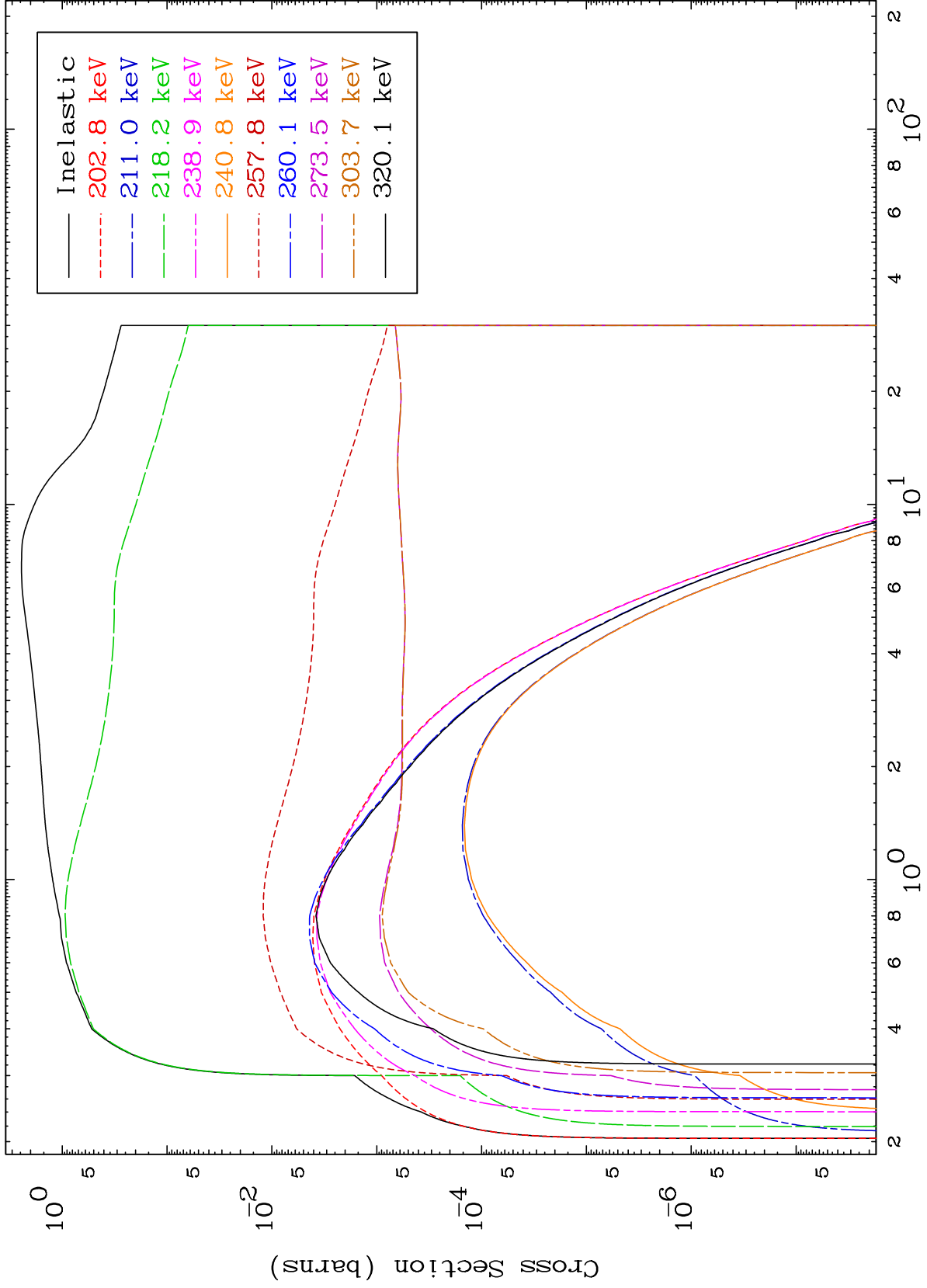


MAT 7104

Particle Production
293 Kelvin Cross Sections

71-Lu-168



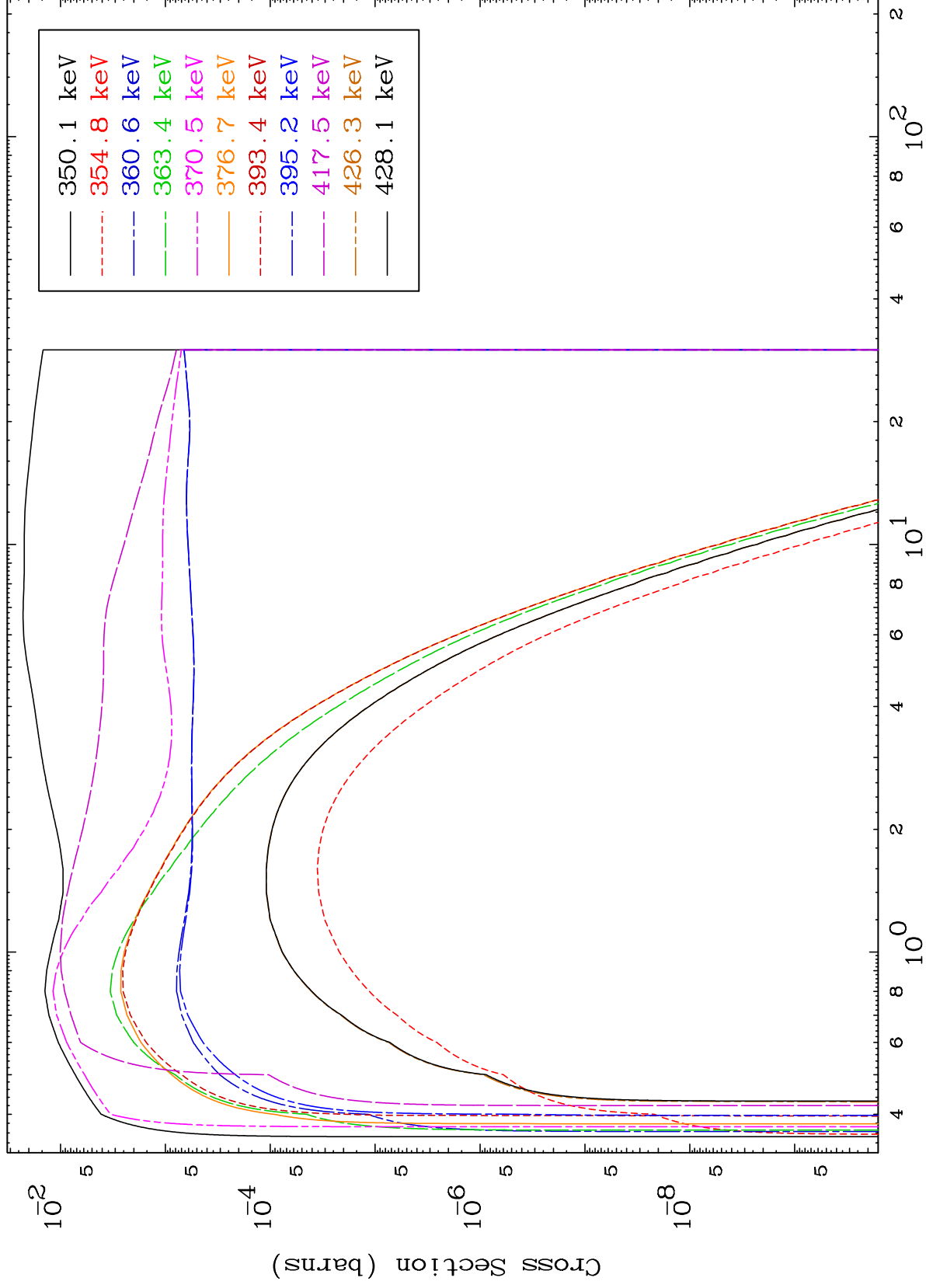


MAT 7104

(n,n') Level

71-Lu-168

293 Kelvin Cross Sections



8

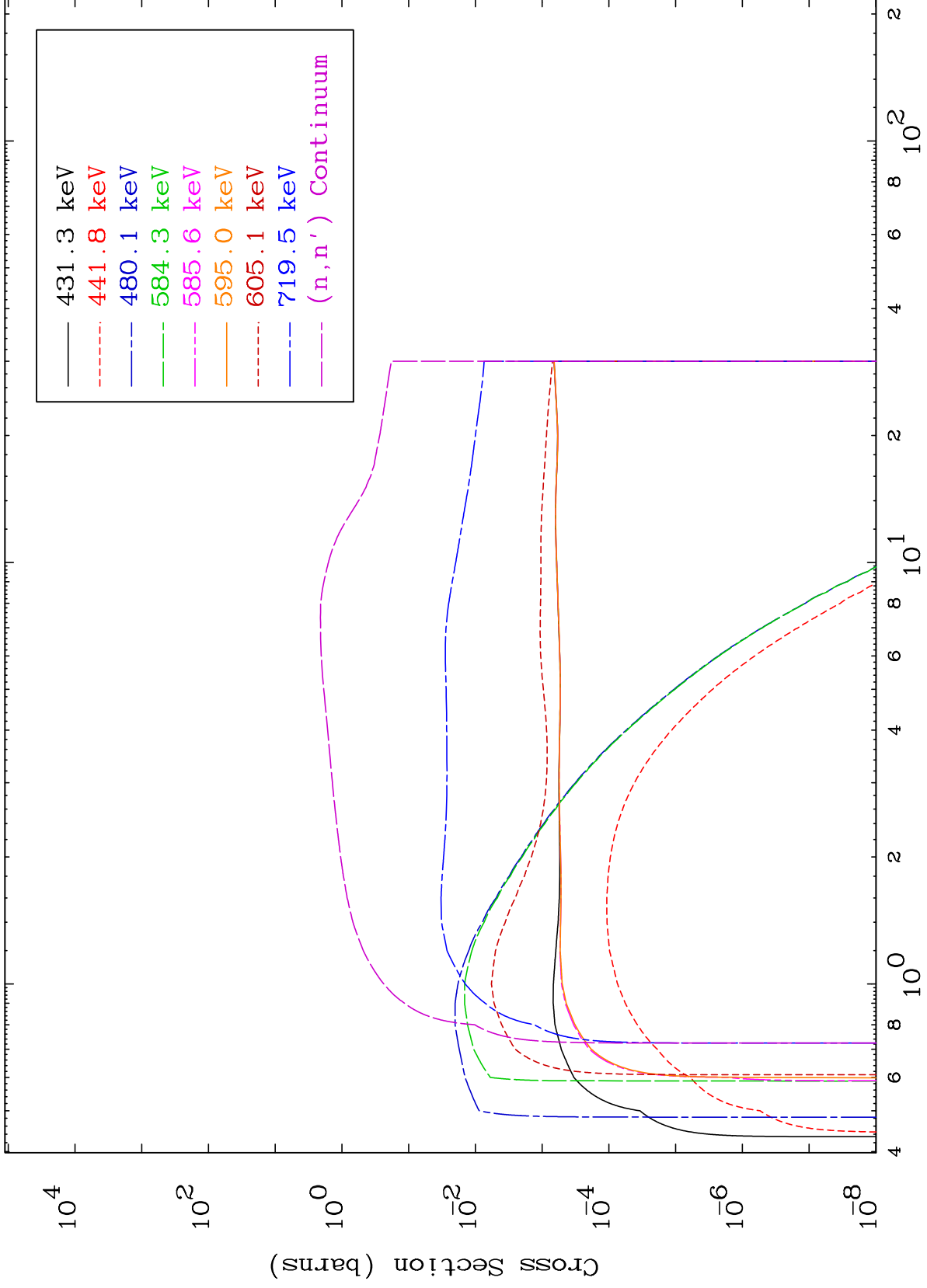
Incident Energy (MeV)

71-Lu-168

MAT 7104

(n,n') Level
293 Kelvin Cross Sections

71-Lu-168



9

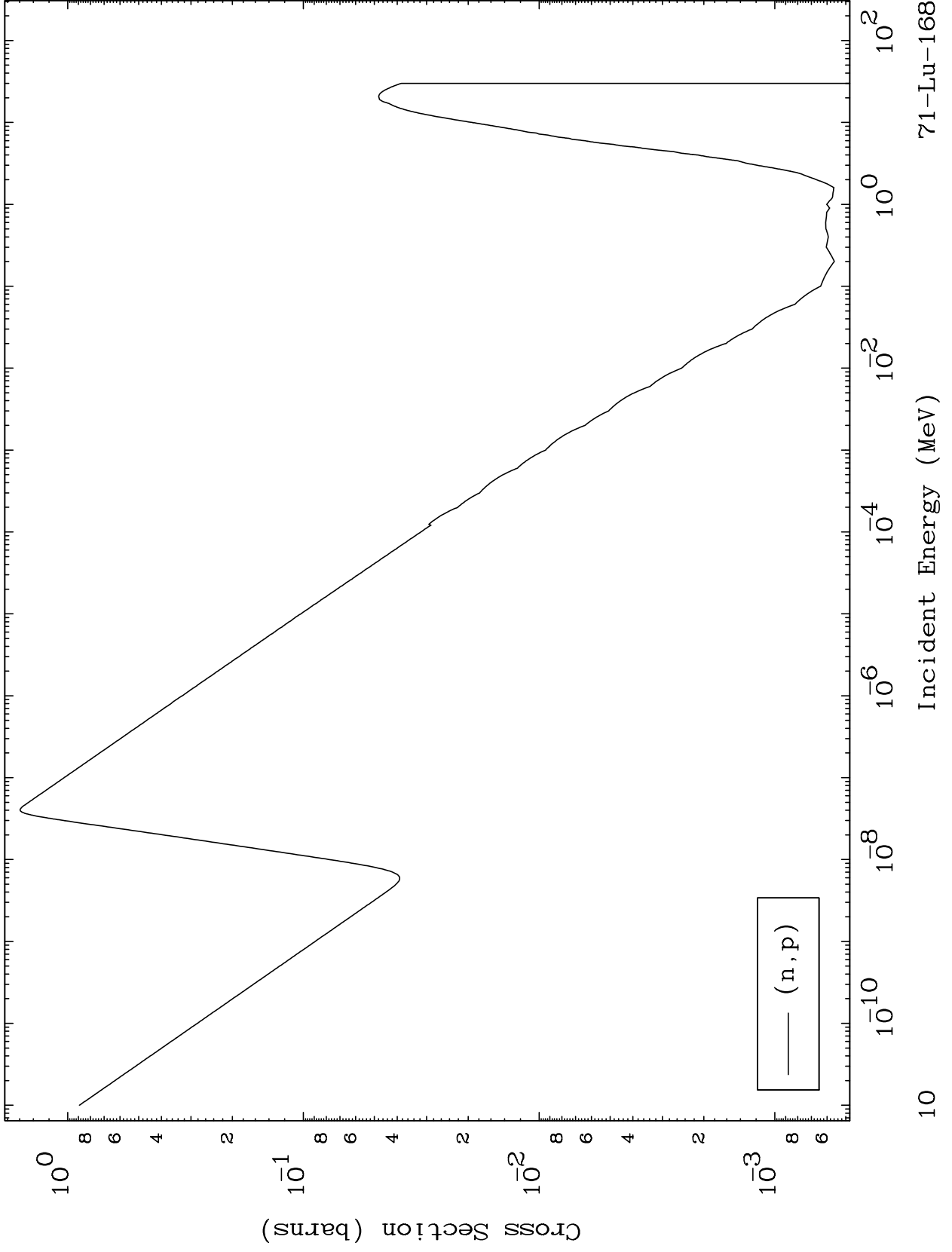
Incident Energy (MeV)

71-Lu-168

MAT 7104

(n,p) Levels
293 Kelvin Cross Sections

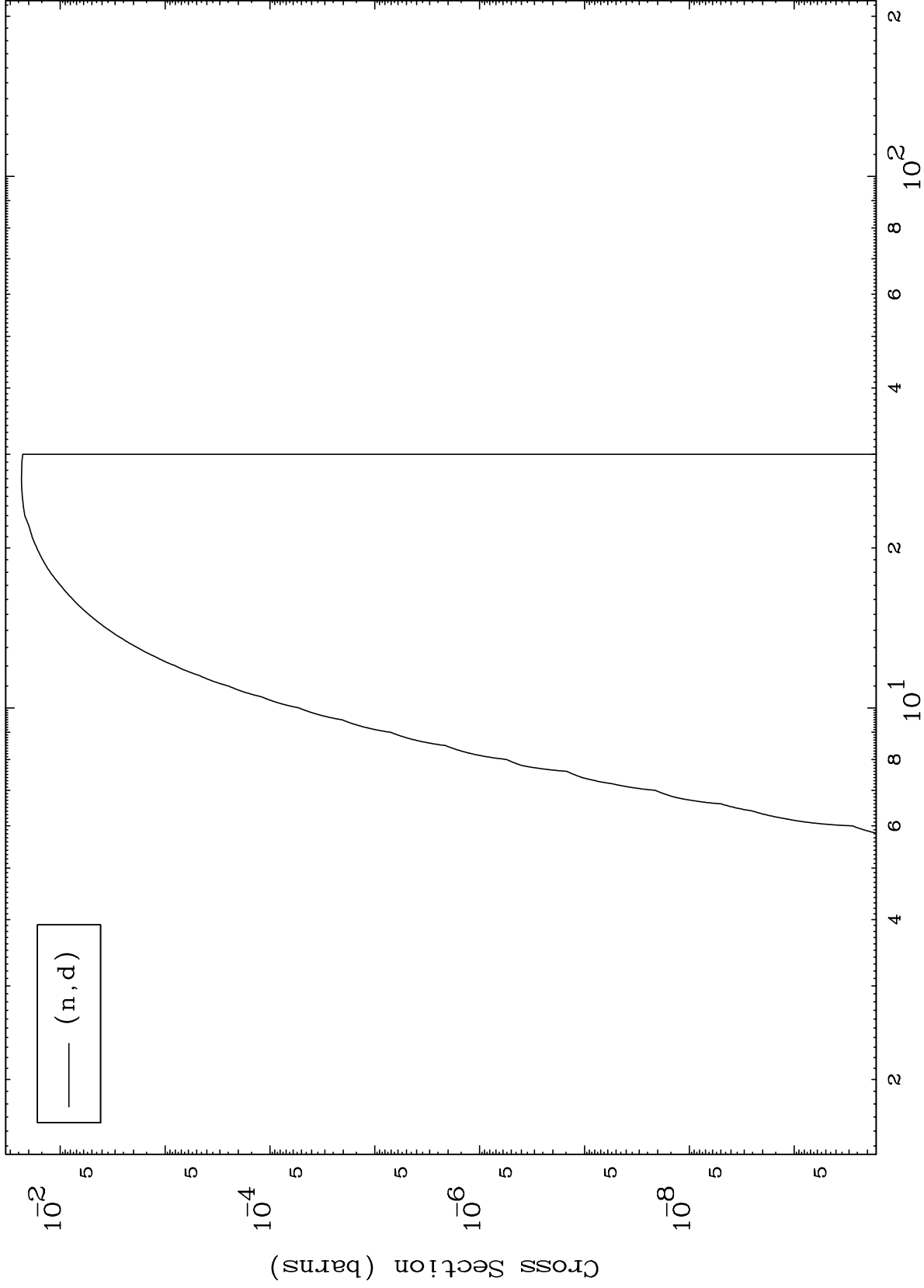
71-Lu-168



MAT 7104

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-168



11

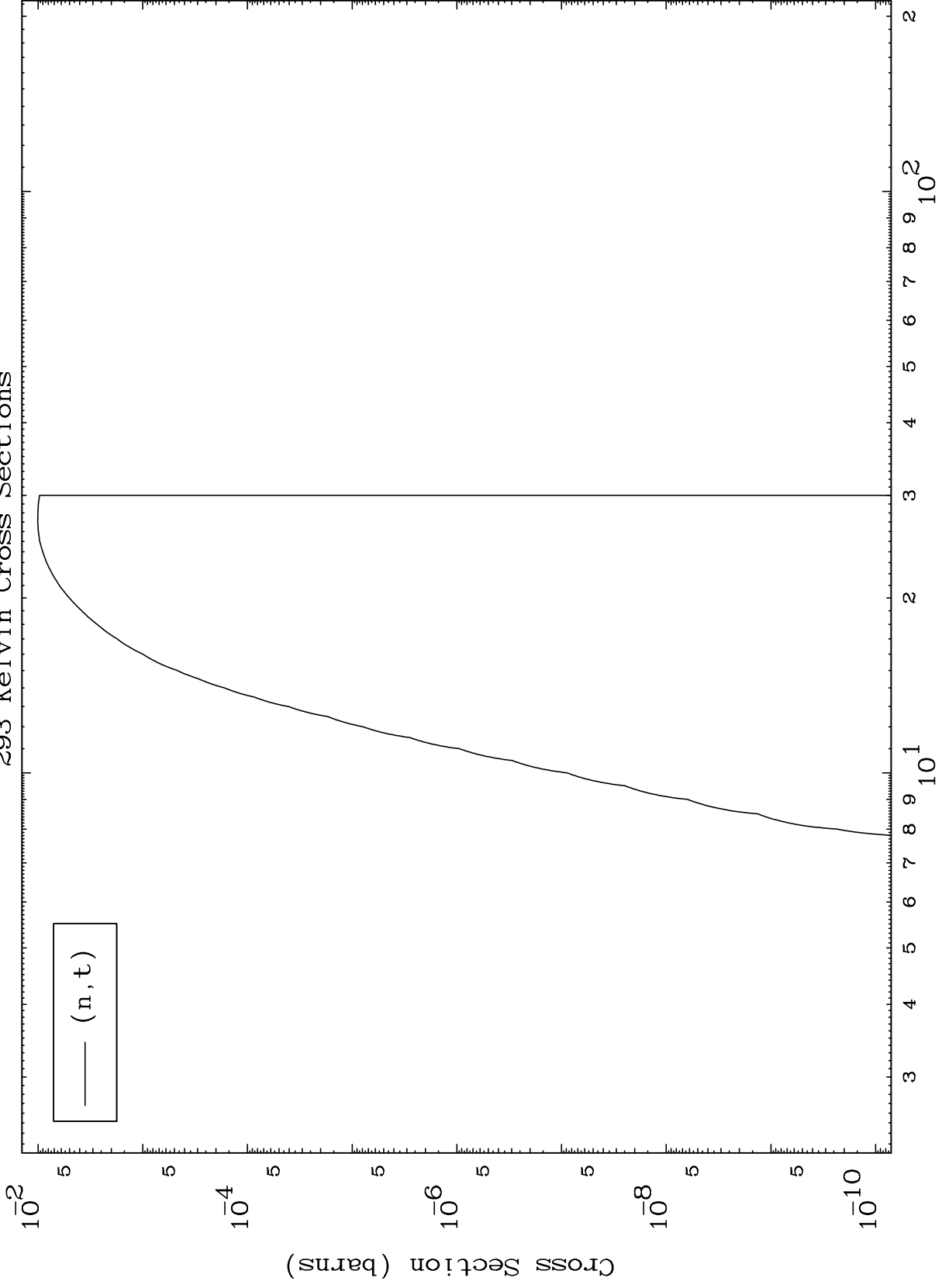
Incident Energy (MeV)

71-Lu-168

MAT 7104

(n,t) Levels
293 Kelvin Cross Sections

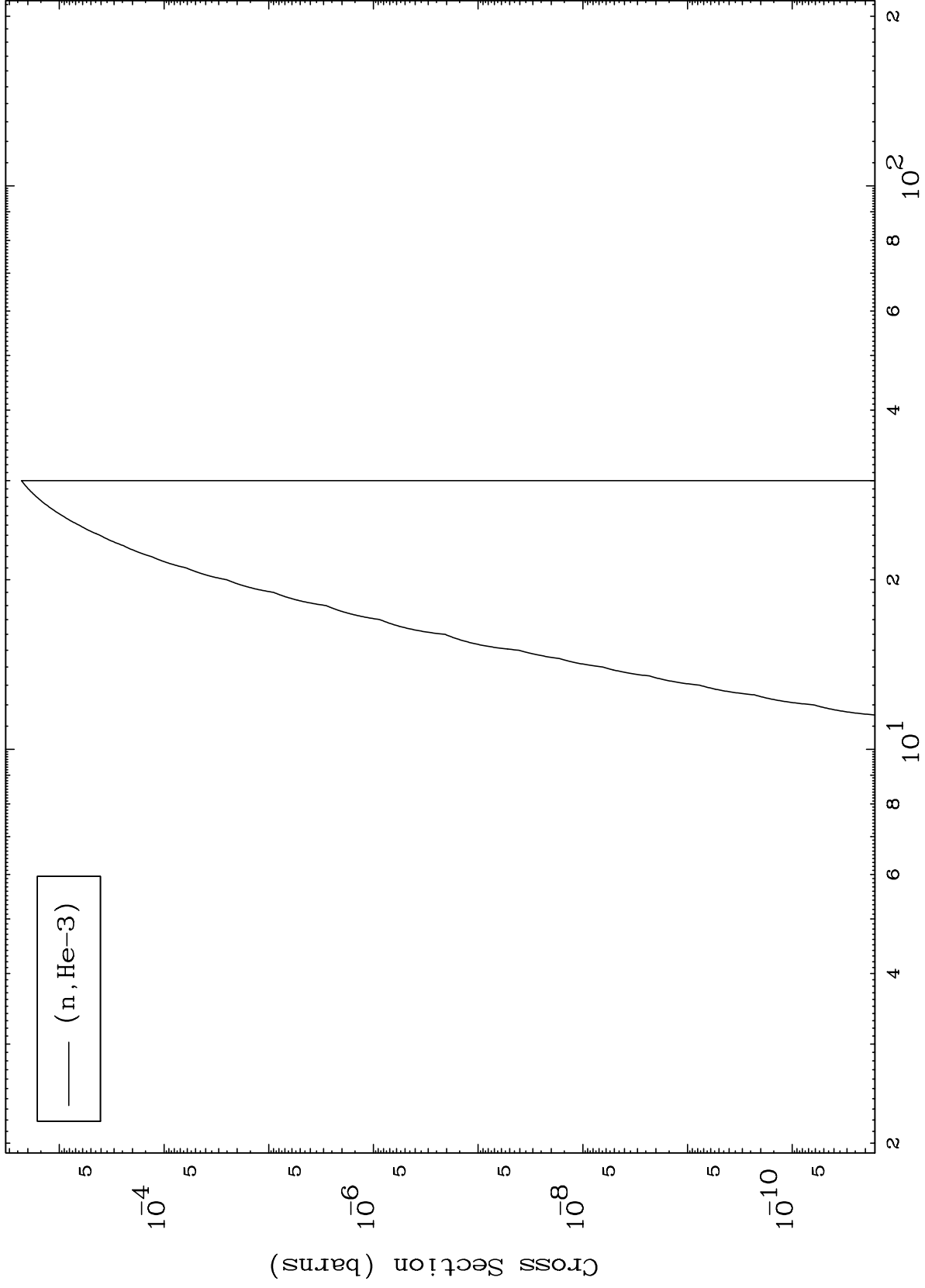
71-Lu-168



MAT 7104

(n,He3) Levels
293 Kelvin Cross Sections

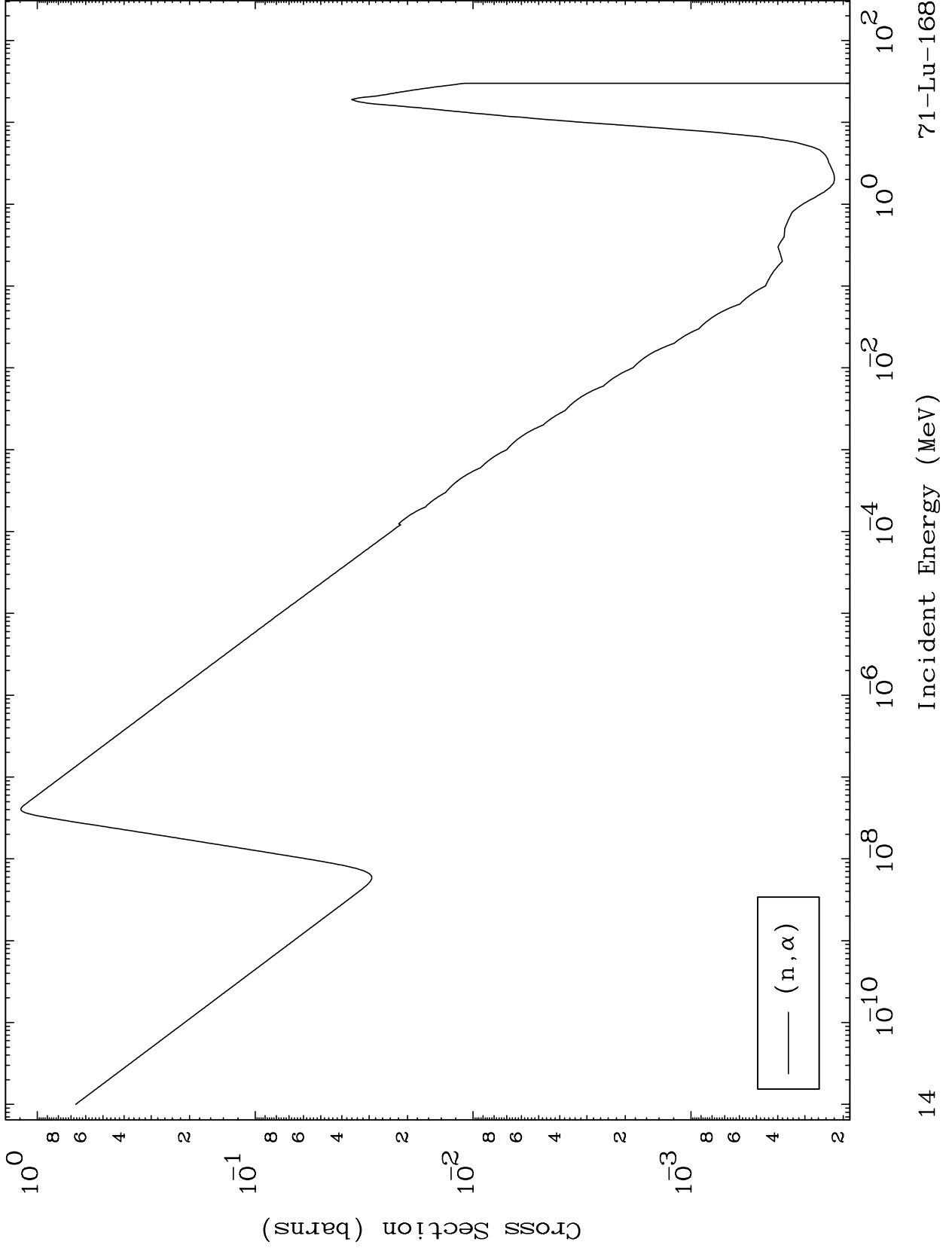
71-Lu-168

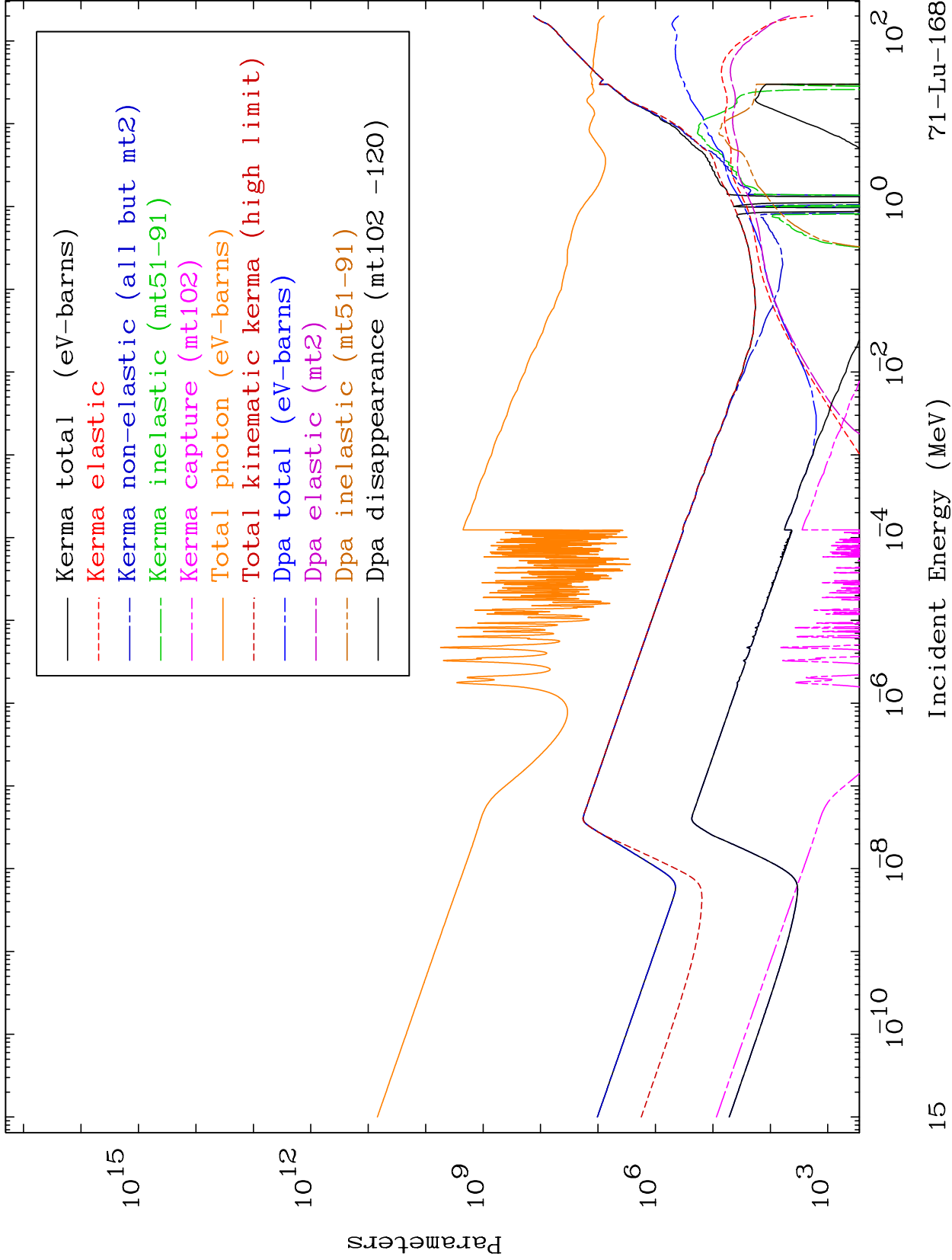


MAT 7104

(n, α) Levels
293 Kelvin Cross Sections

71-Lu-168

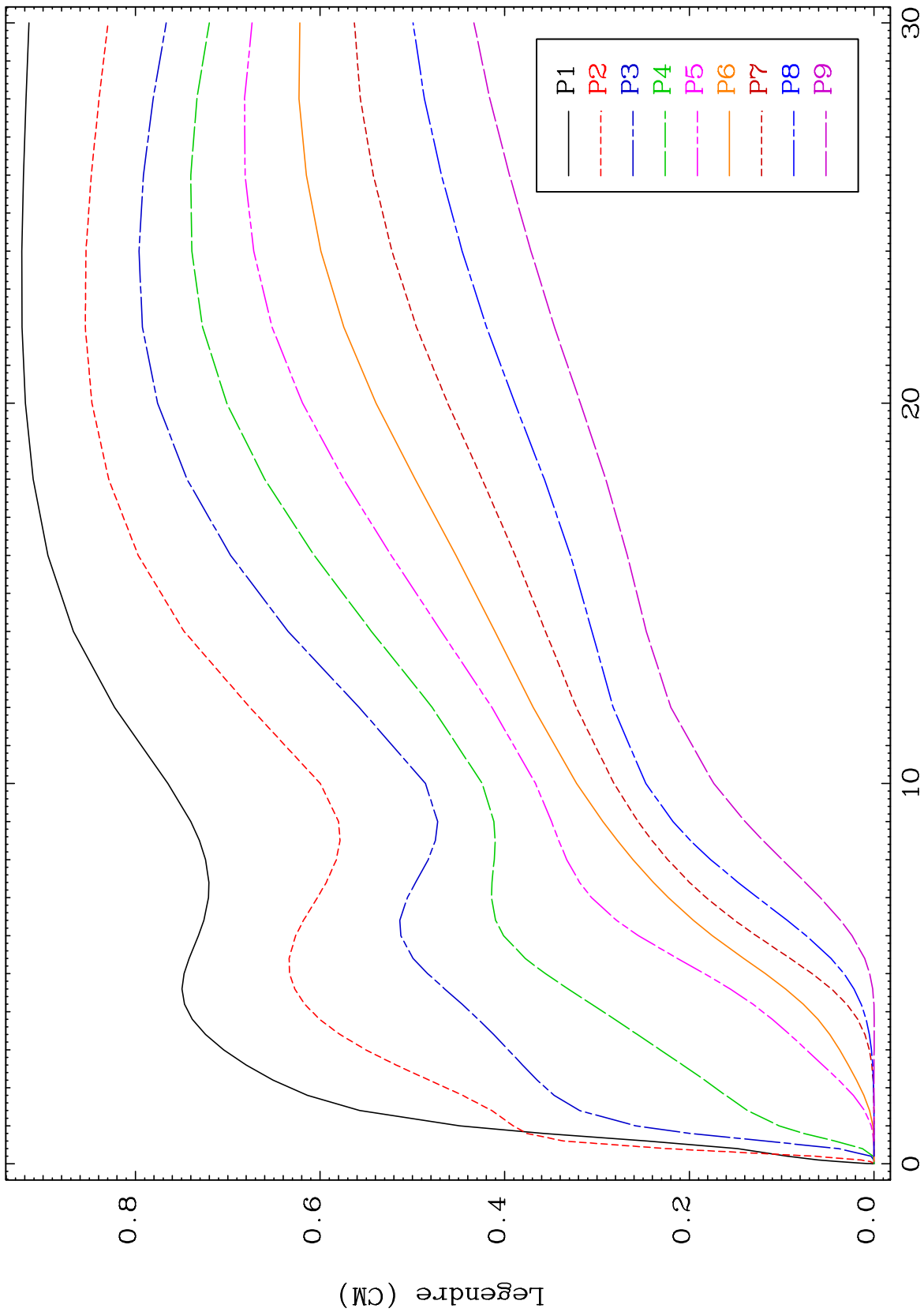




MAT 7104

71-Lu-168

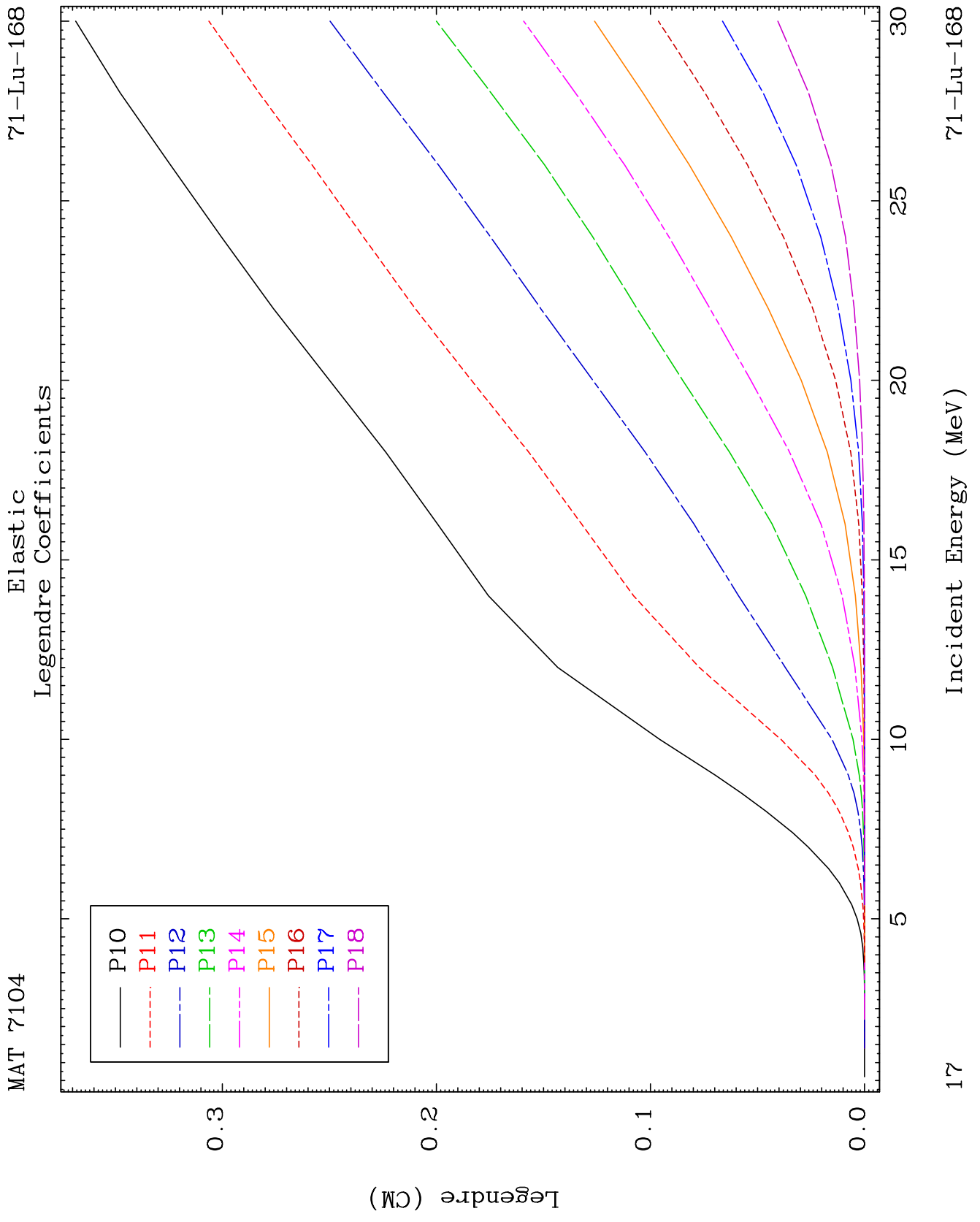
Elastic Legendre Coefficients



71-Lu-168

Incident Energy (MeV)

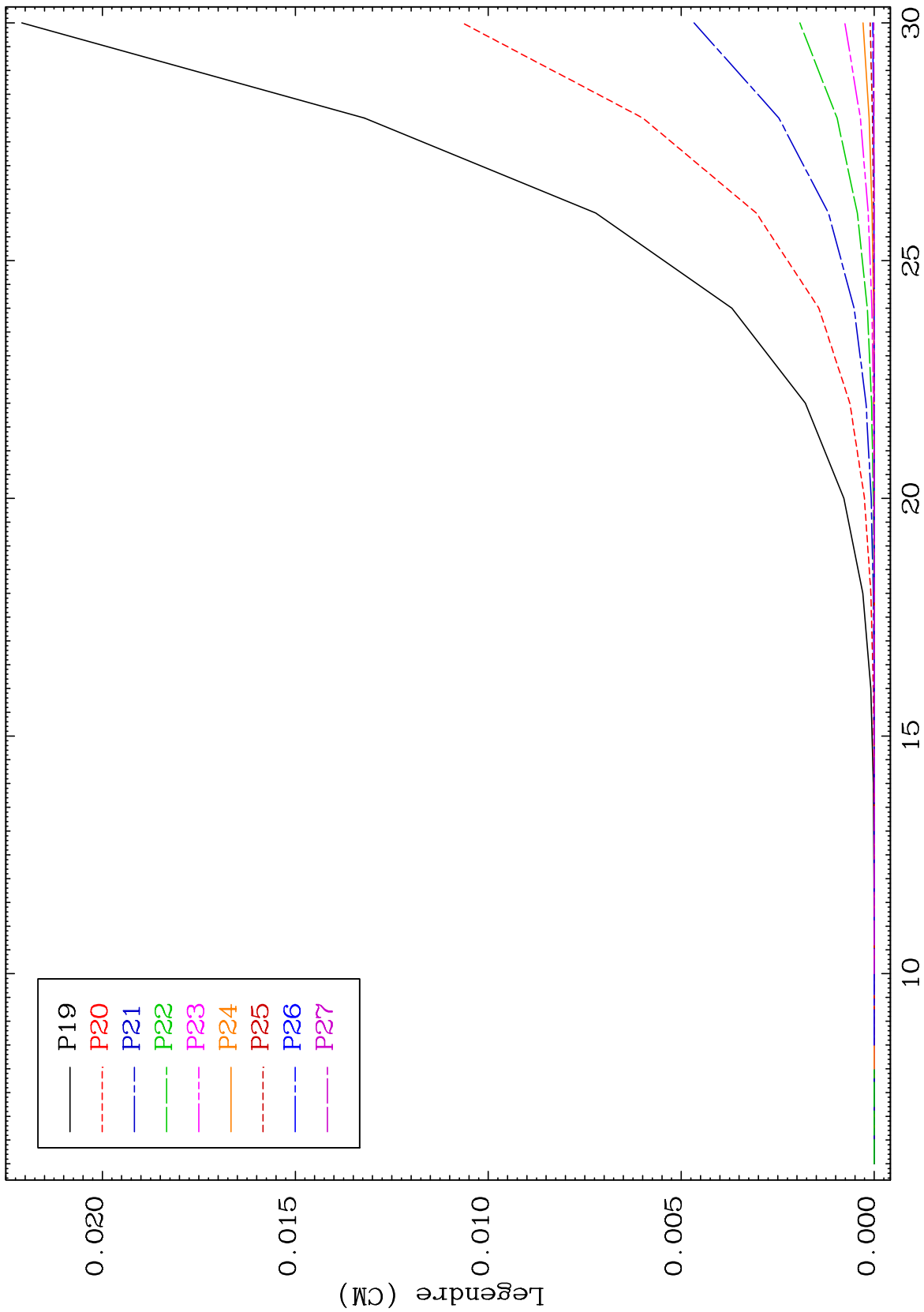
16



MAT 7104

Elastic Legendre Coefficients

⁷¹Lu-168



18

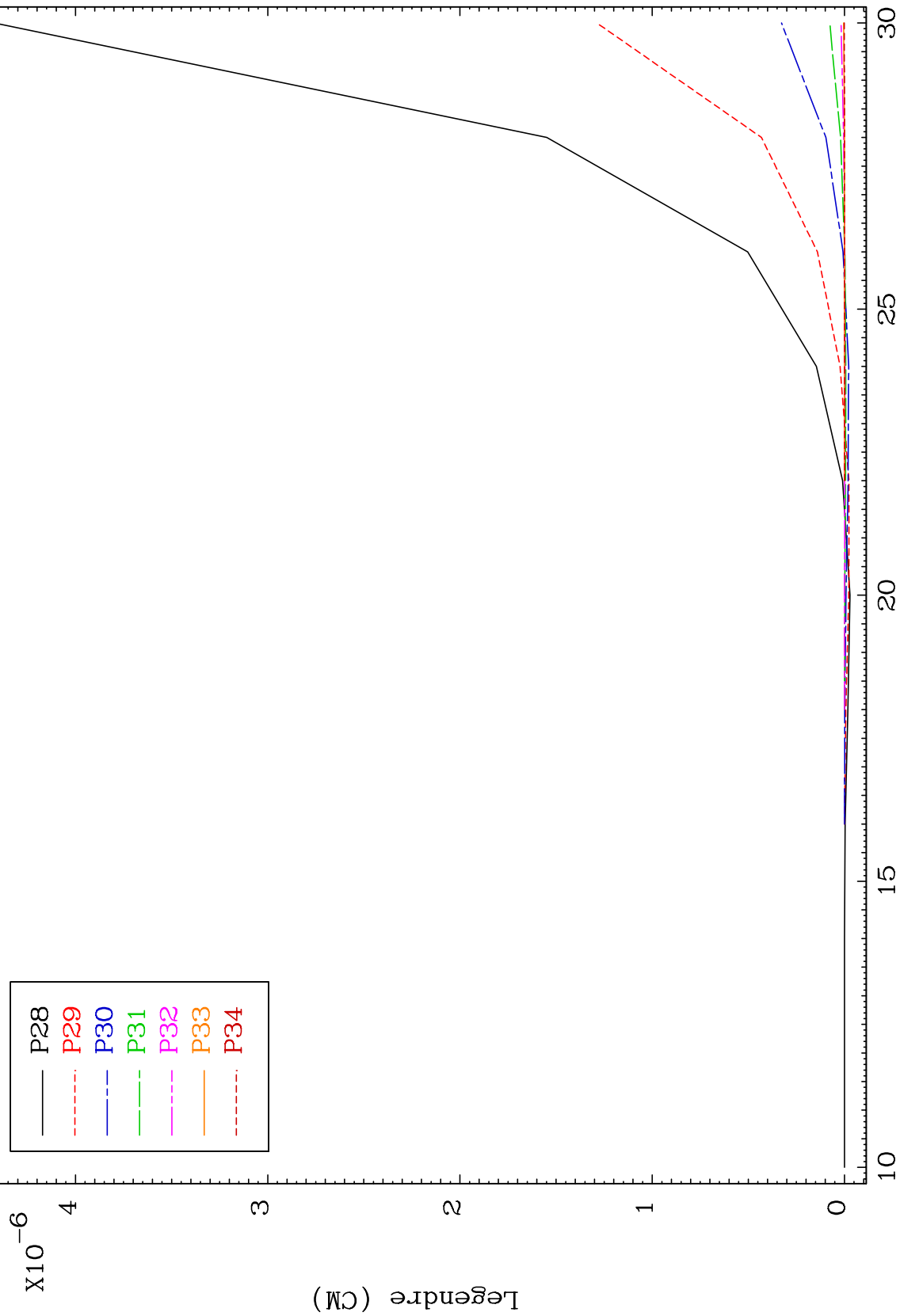
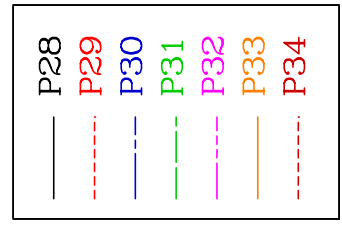
Incident Energy (MeV)

⁷¹Lu-168

MAT 7104

Elastic Legendre Coefficients

71-Lu-168



19

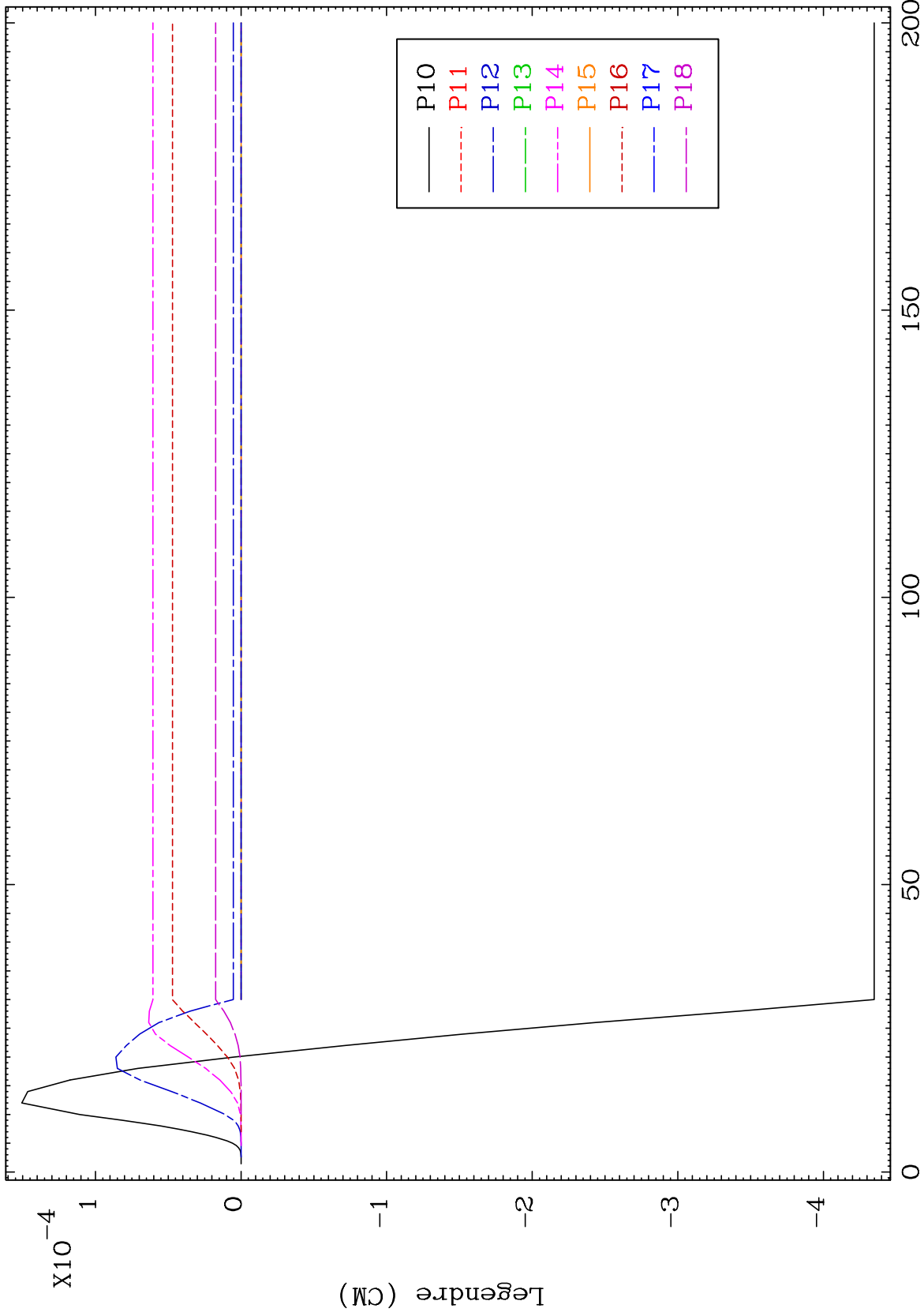
Incident Energy (MeV)

71-Lu-168

MAT 7104

202.8 keV (n,n') Level
Legendre Coefficients

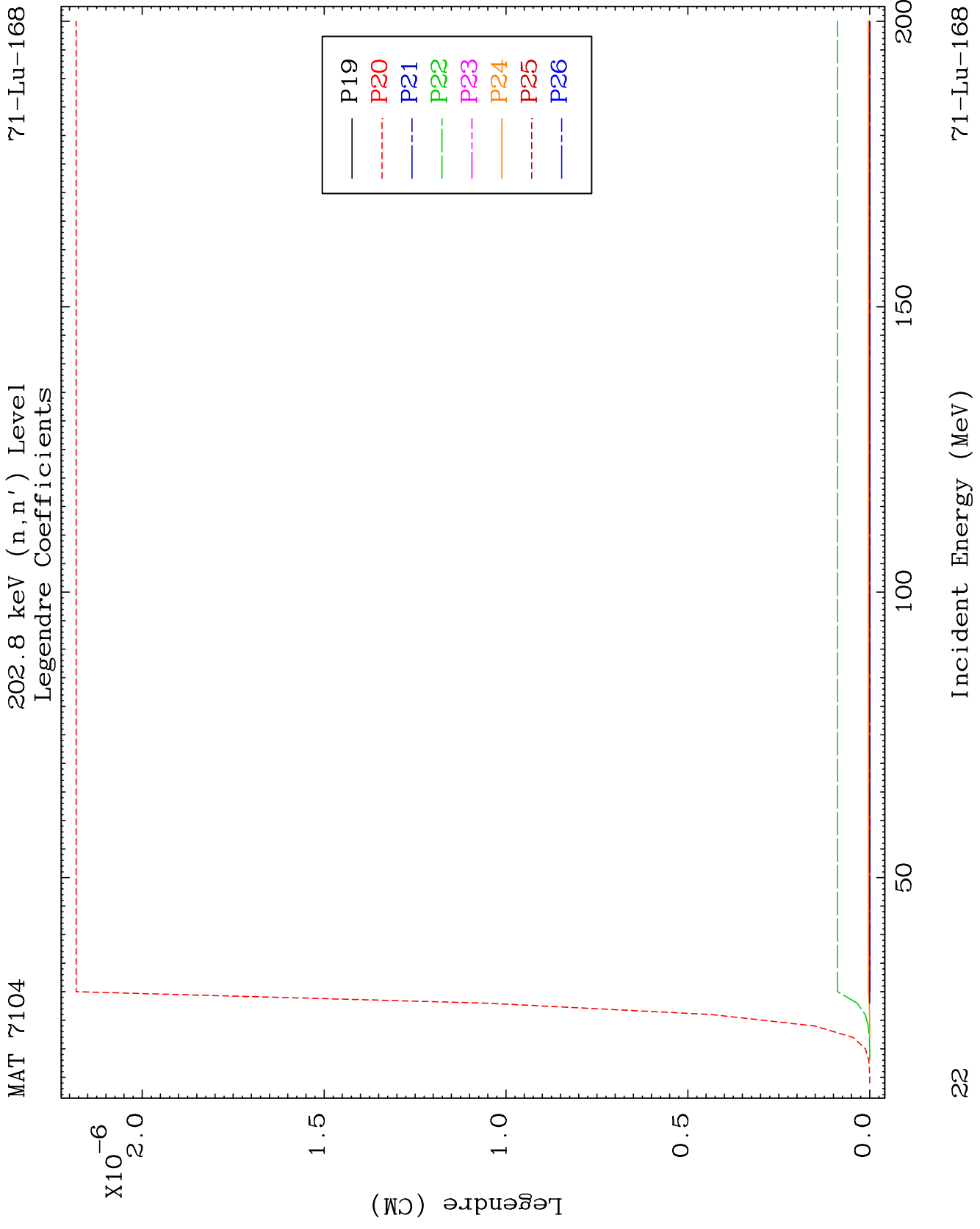
71-Lu-168

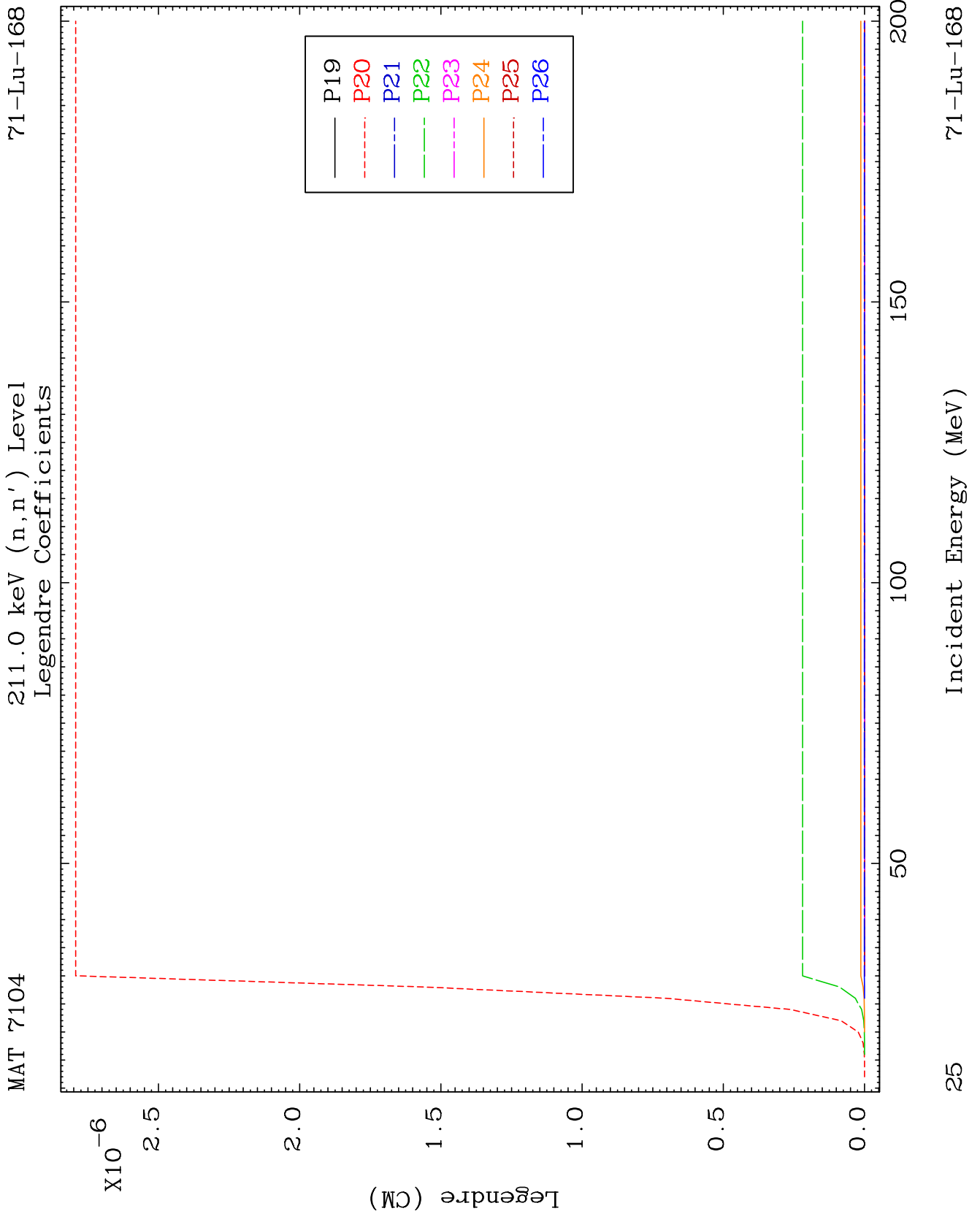


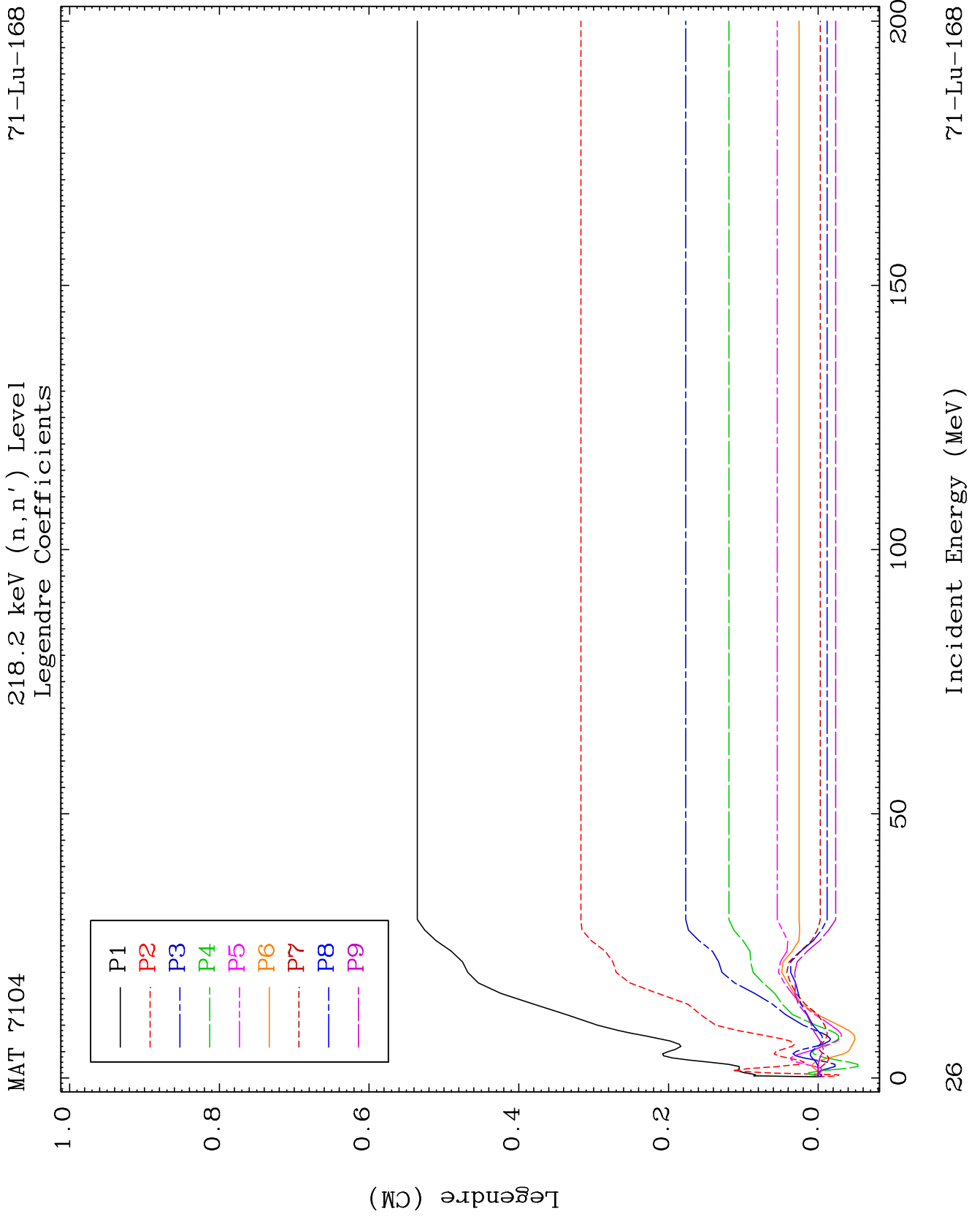
21

Incident Energy (MeV)

71-Lu-168



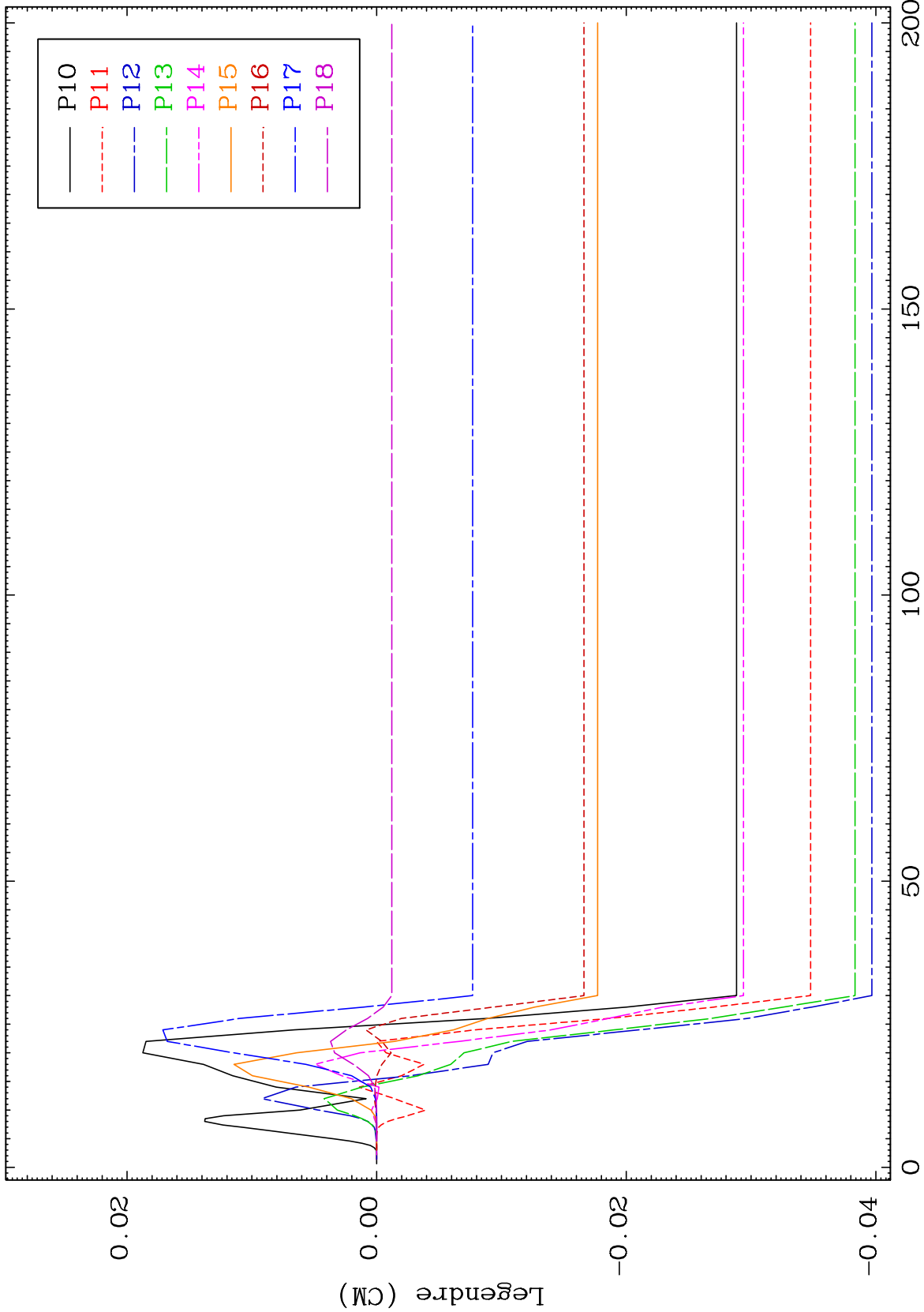




MAT 7104

218.2 keV (n,n') Level
Legendre Coefficients

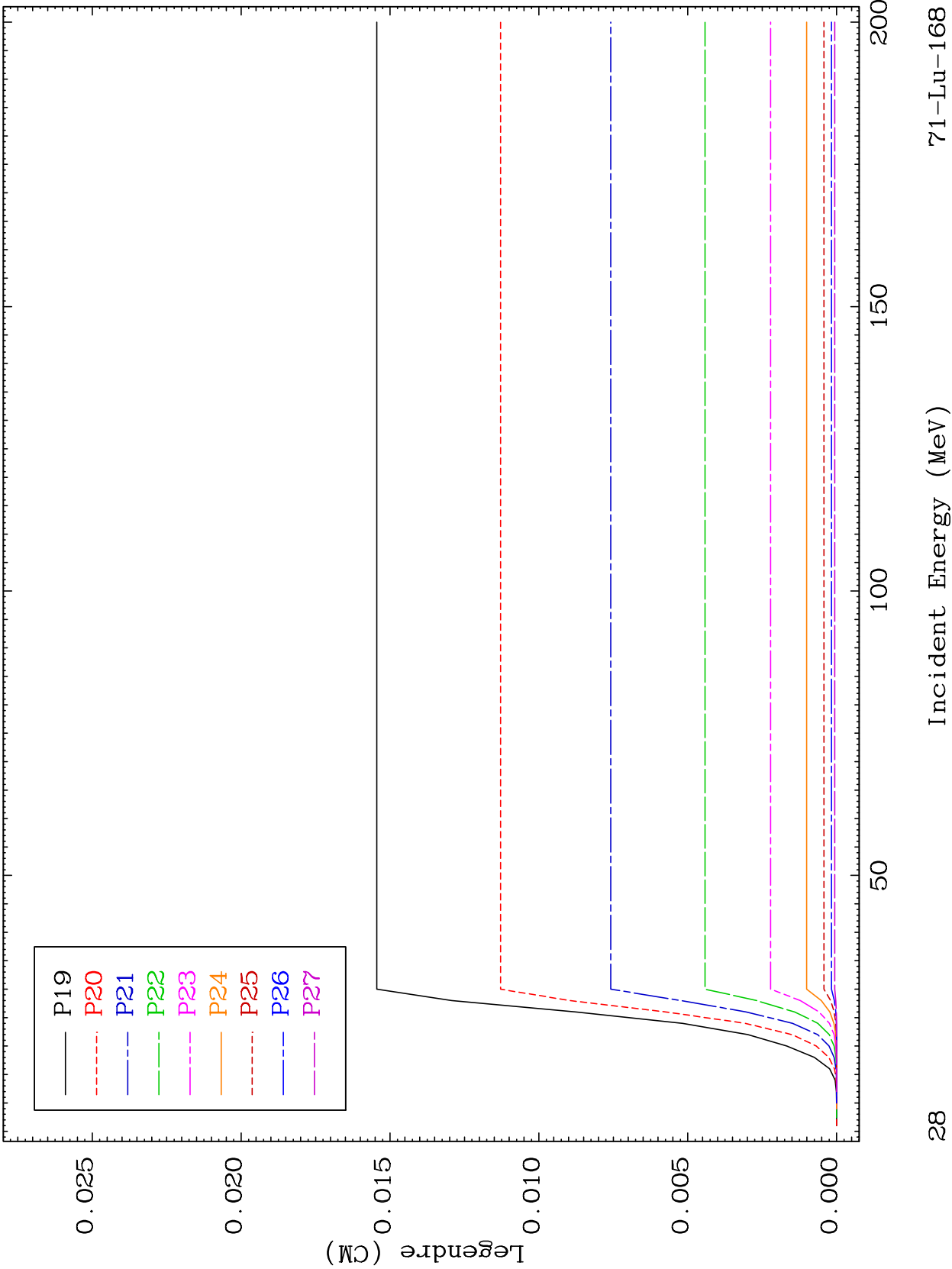
71-Lu-168

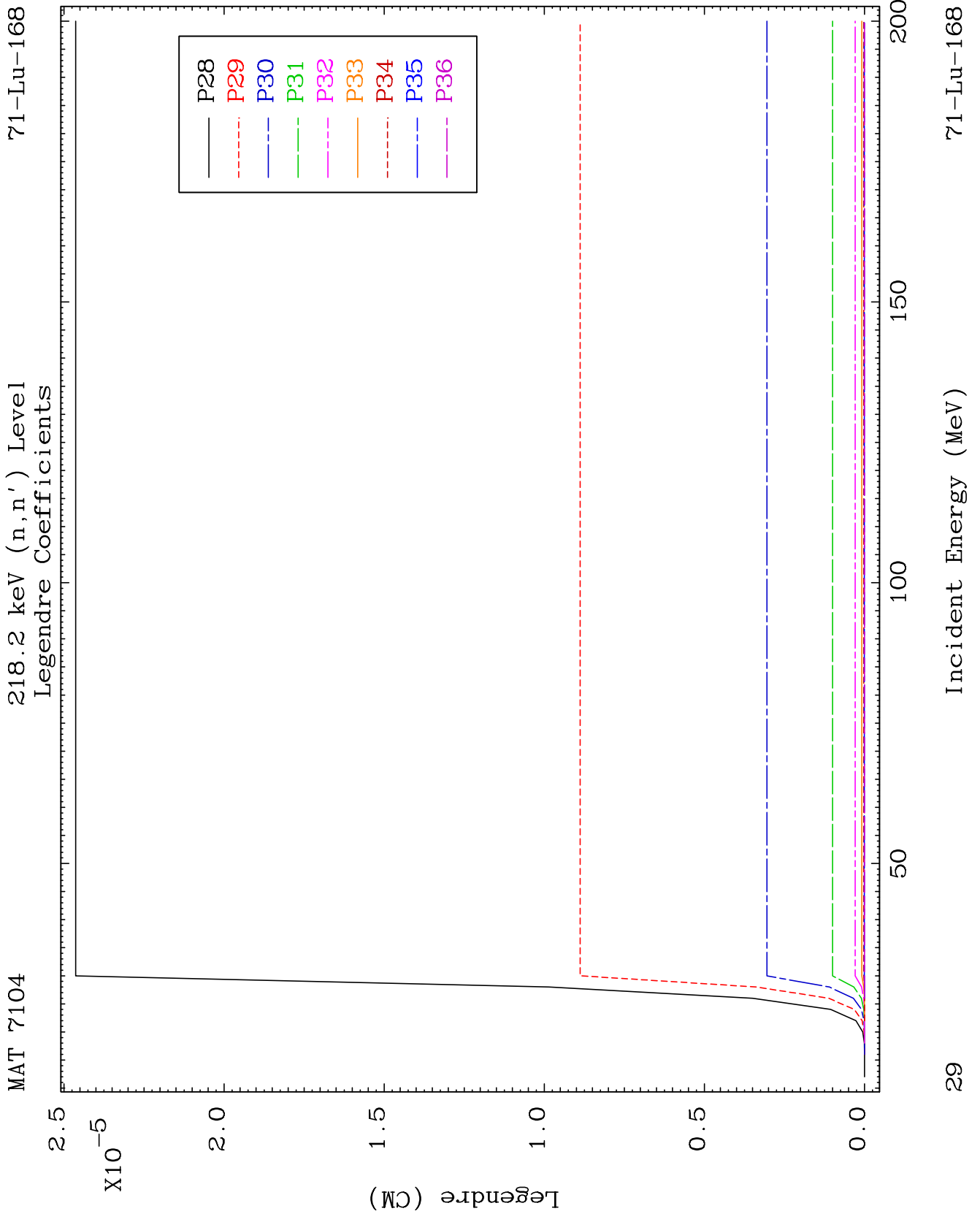


27

Incident Energy (MeV)

71-Lu-168

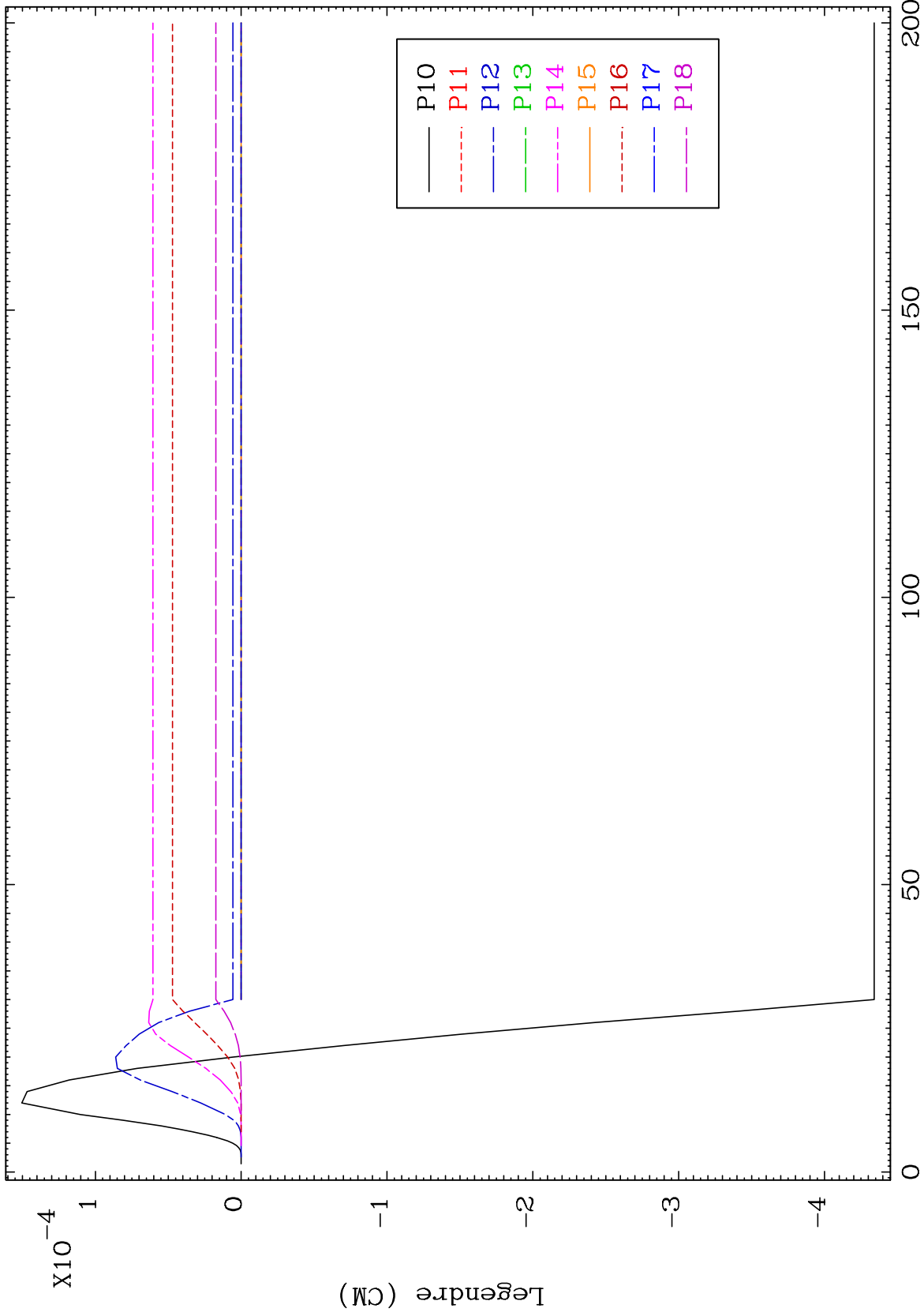




MAT 7104

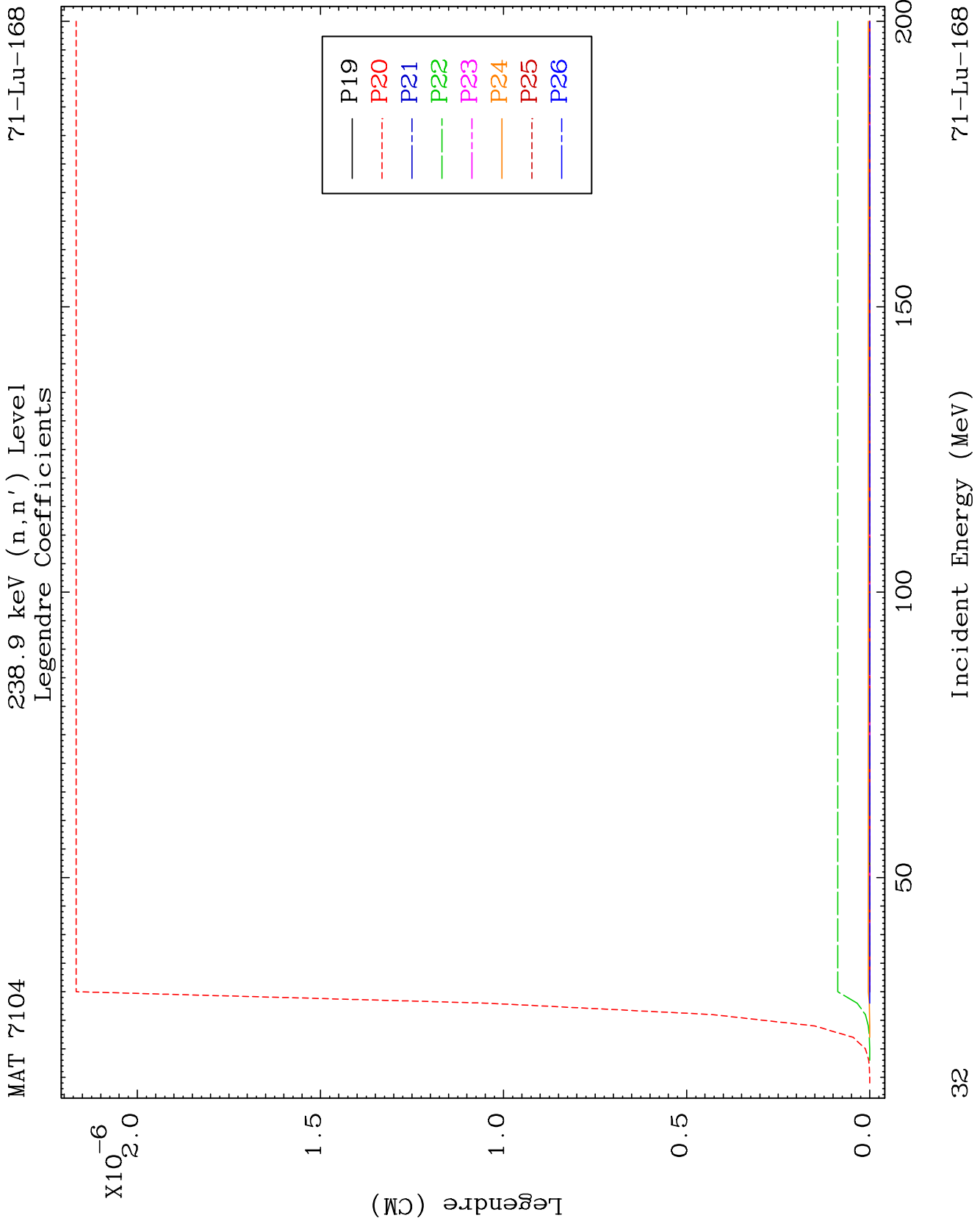
238.9 keV (n,n') Level
Legendre Coefficients

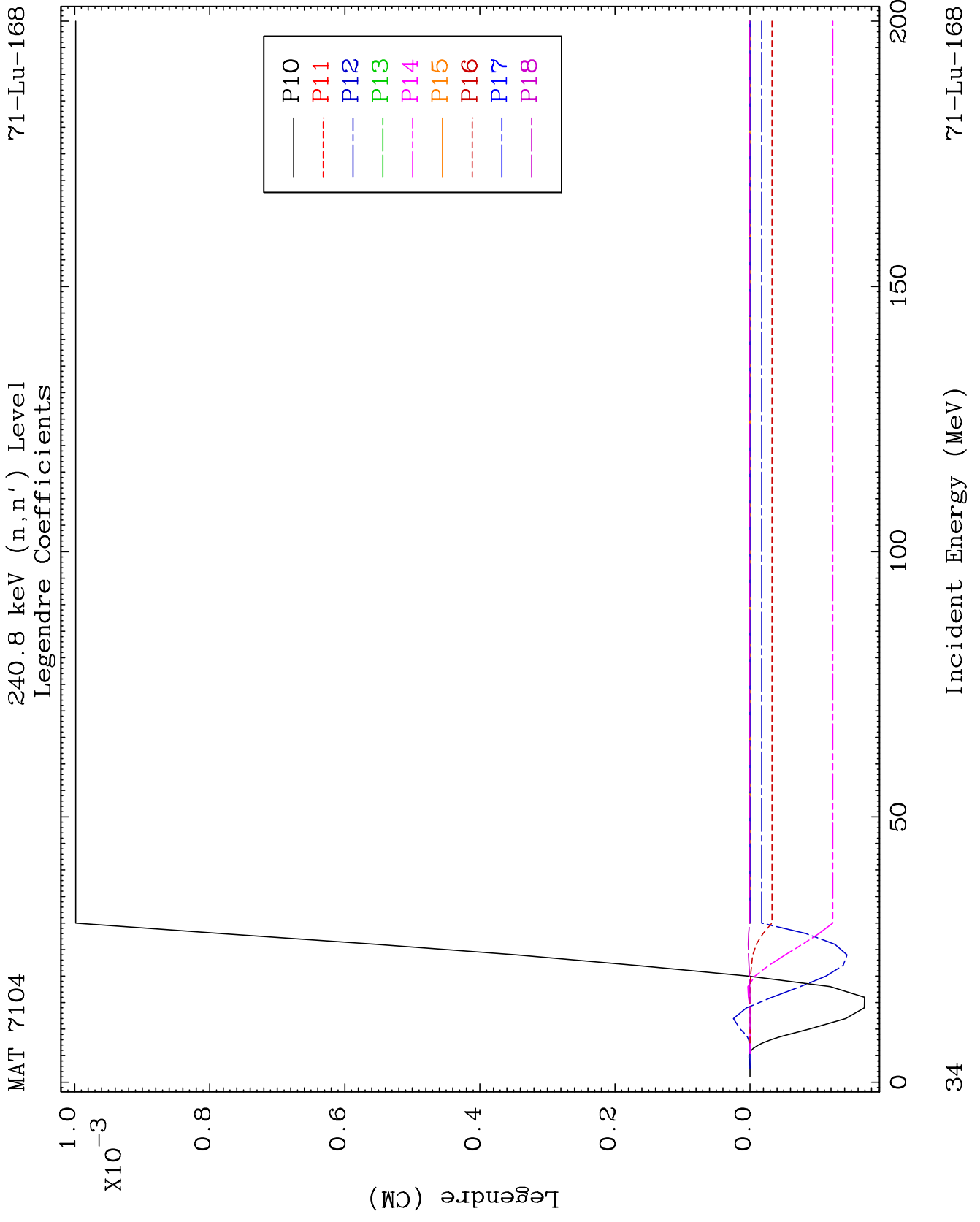
71-Lu-168

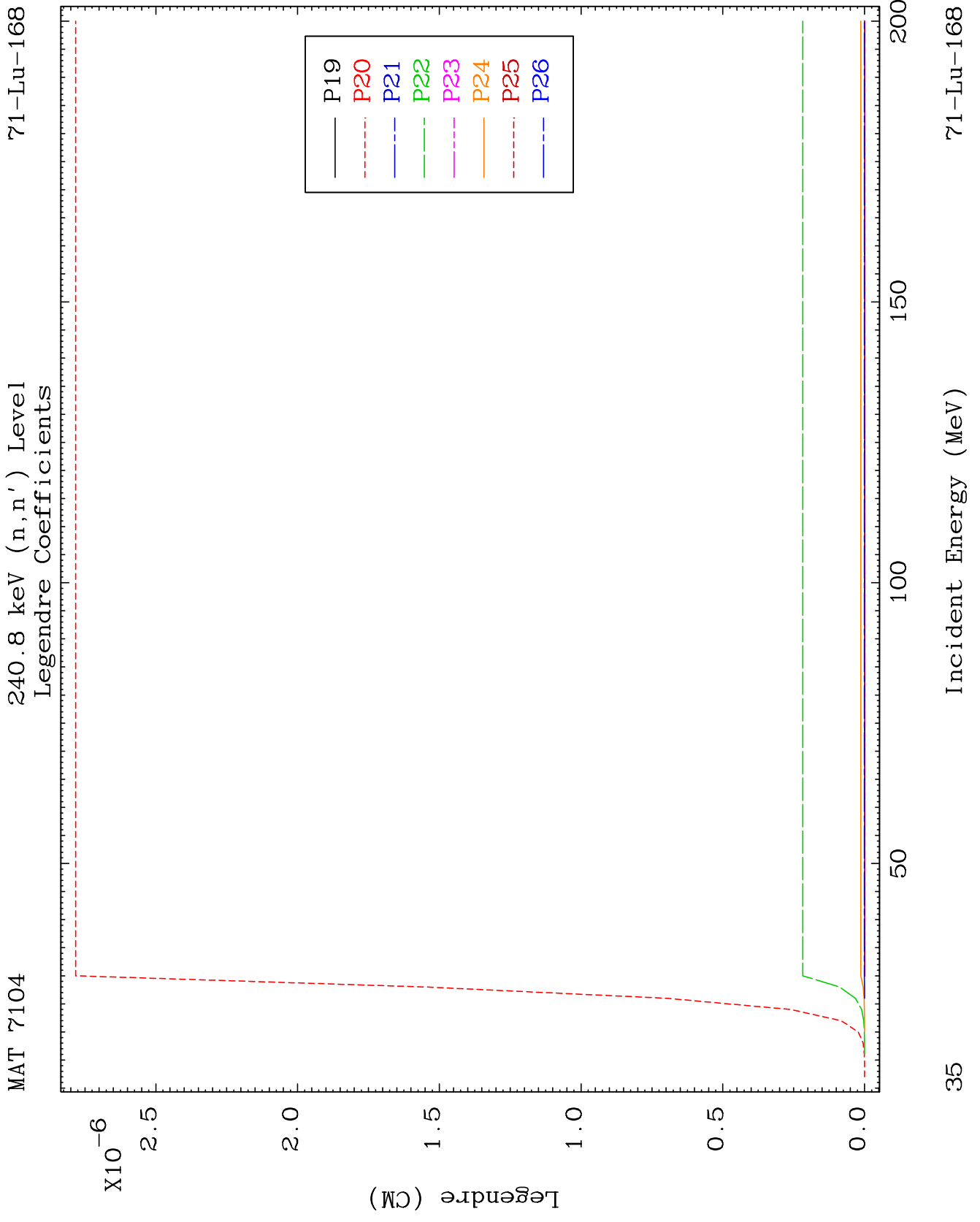


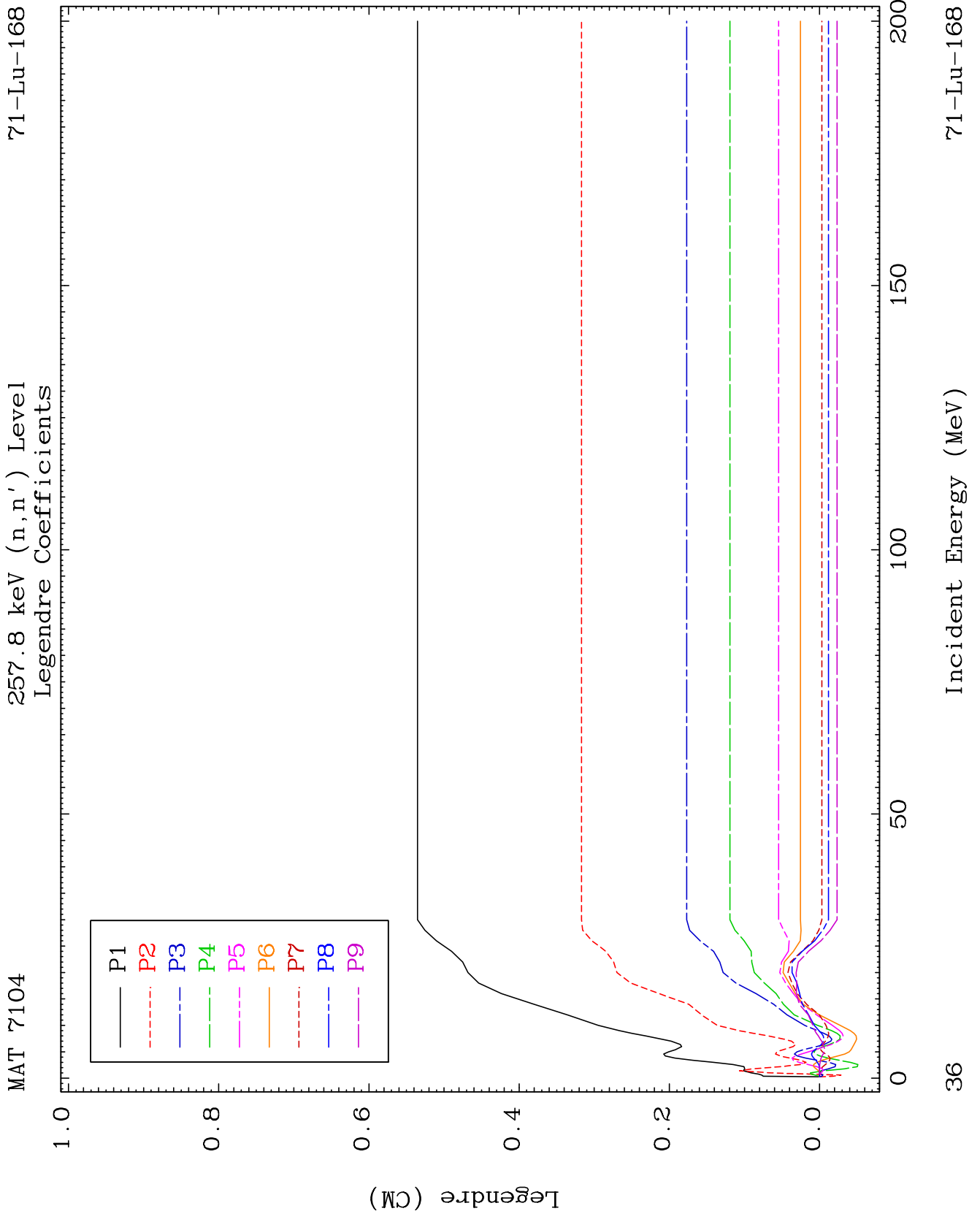
31

71-Lu-168





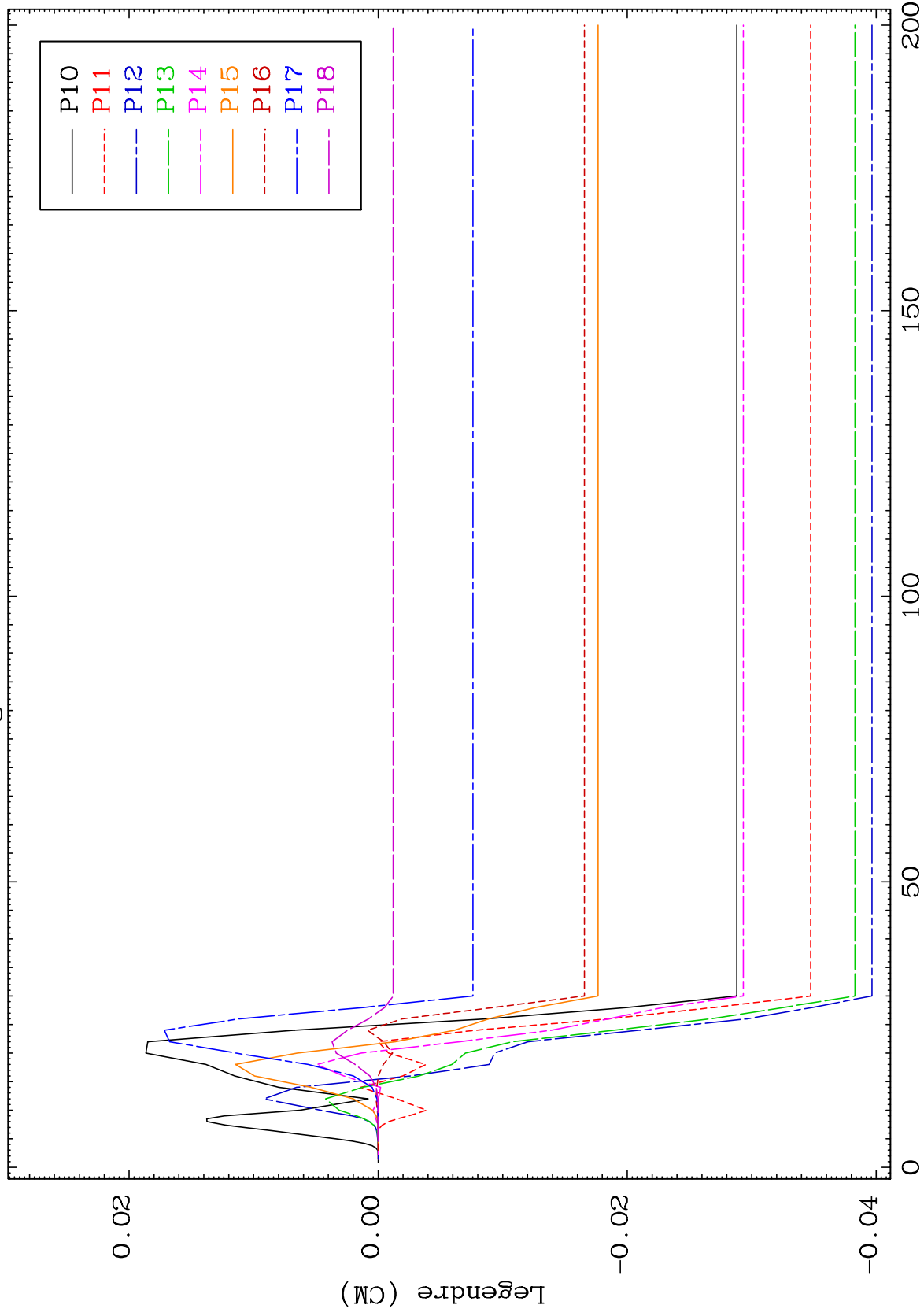




MAT 7104

257.8 keV (n,n') Level
Legendre Coefficients

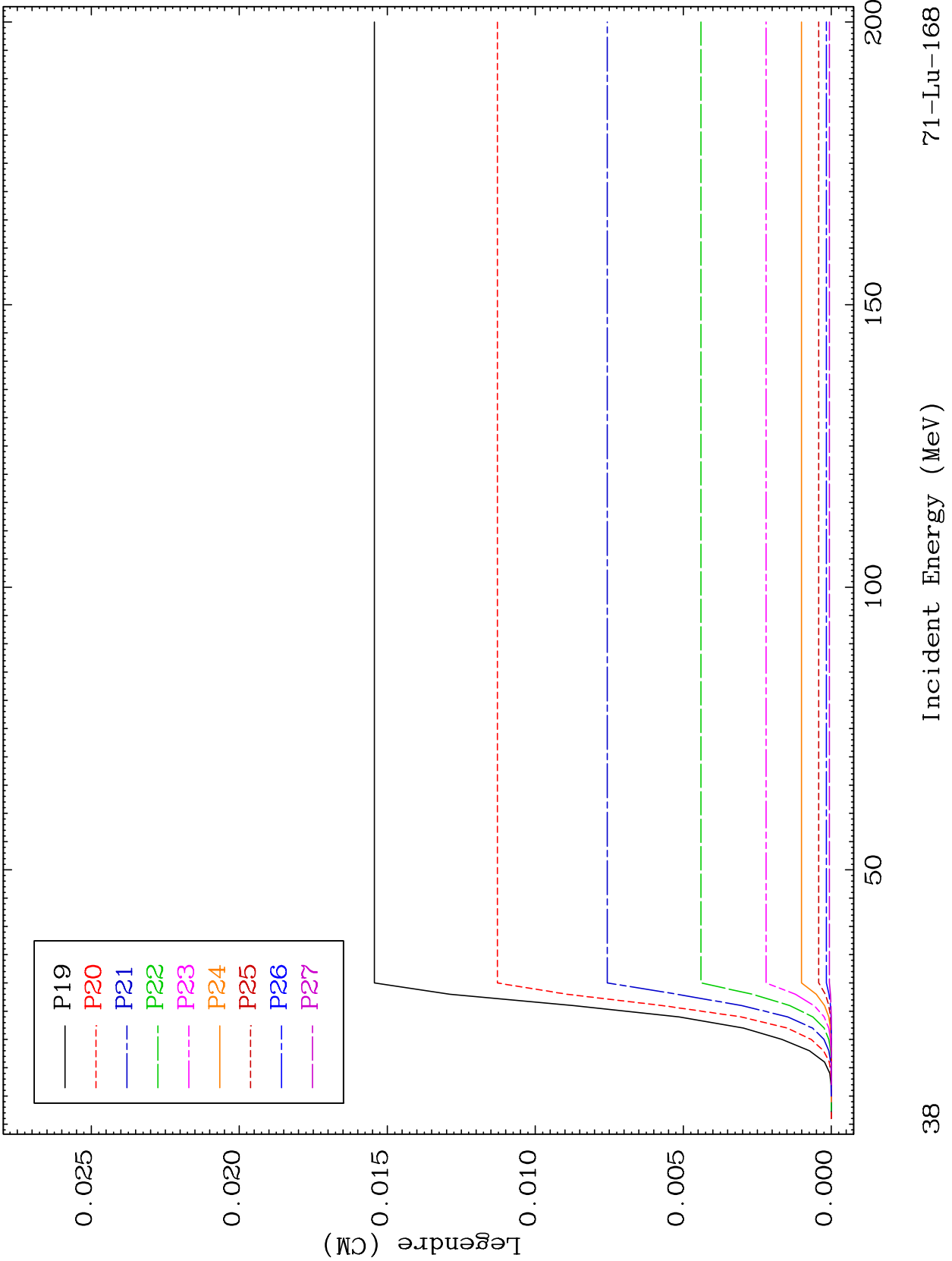
71-Lu-168

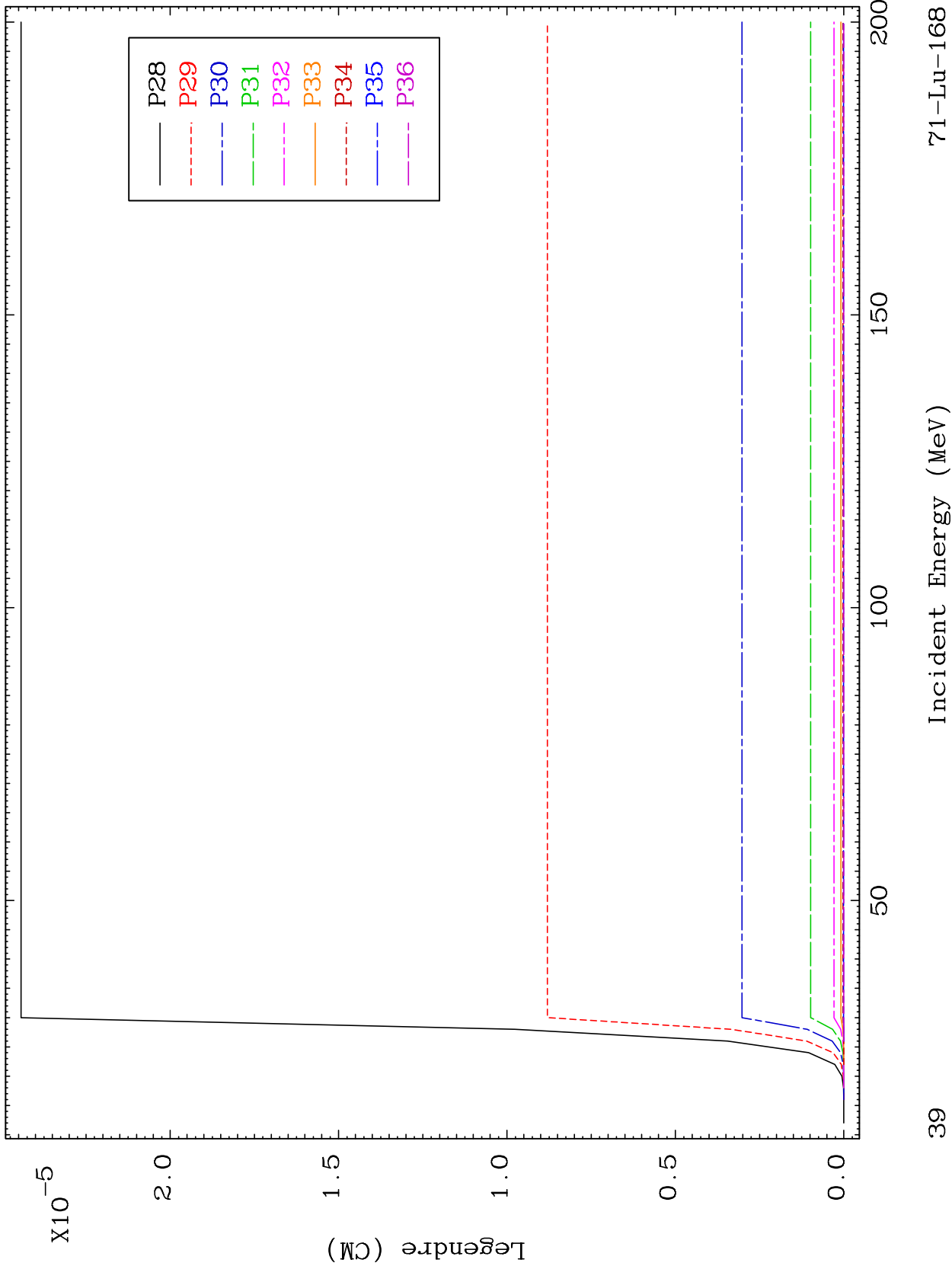


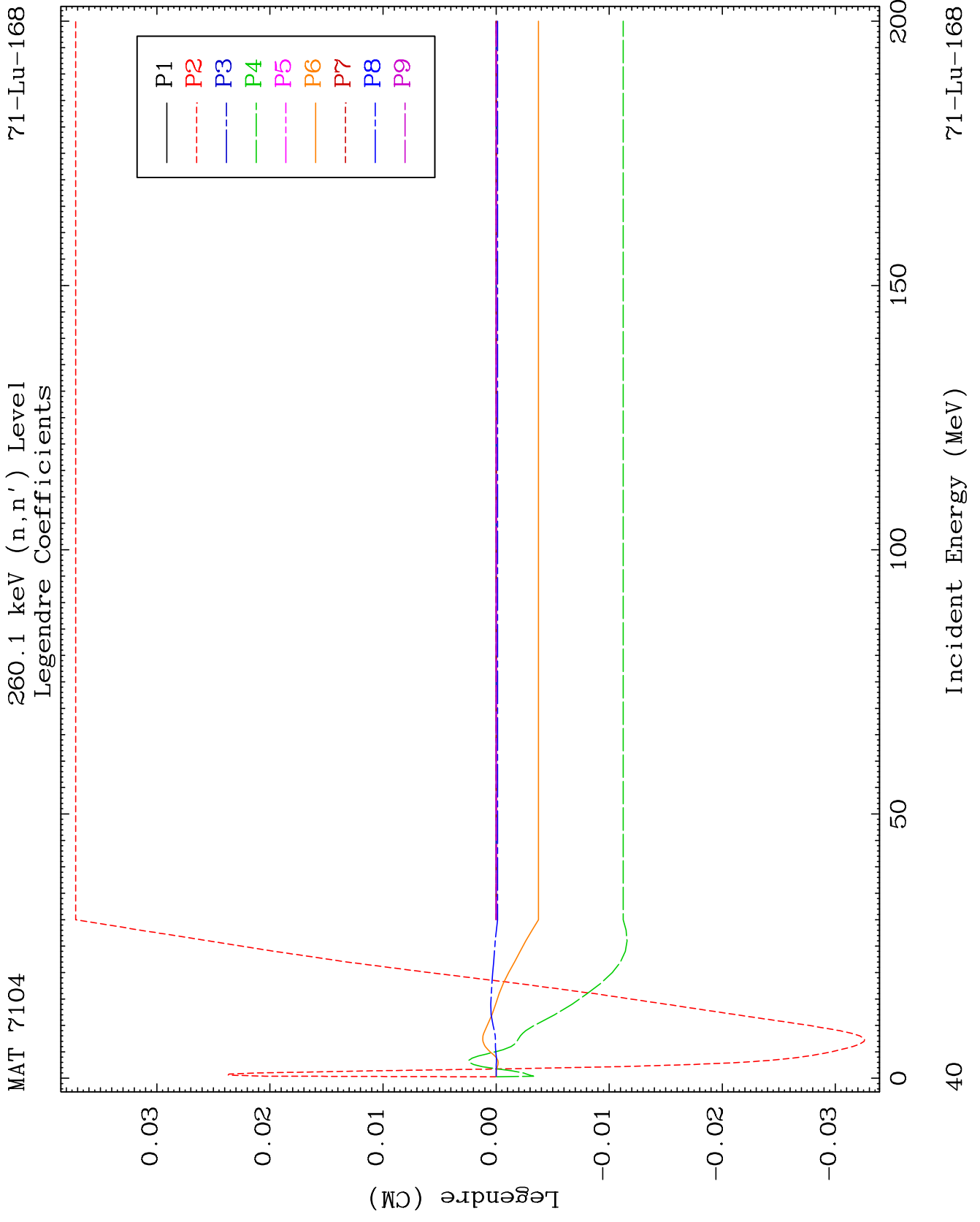
37

Incident Energy (MeV)

71-Lu-168



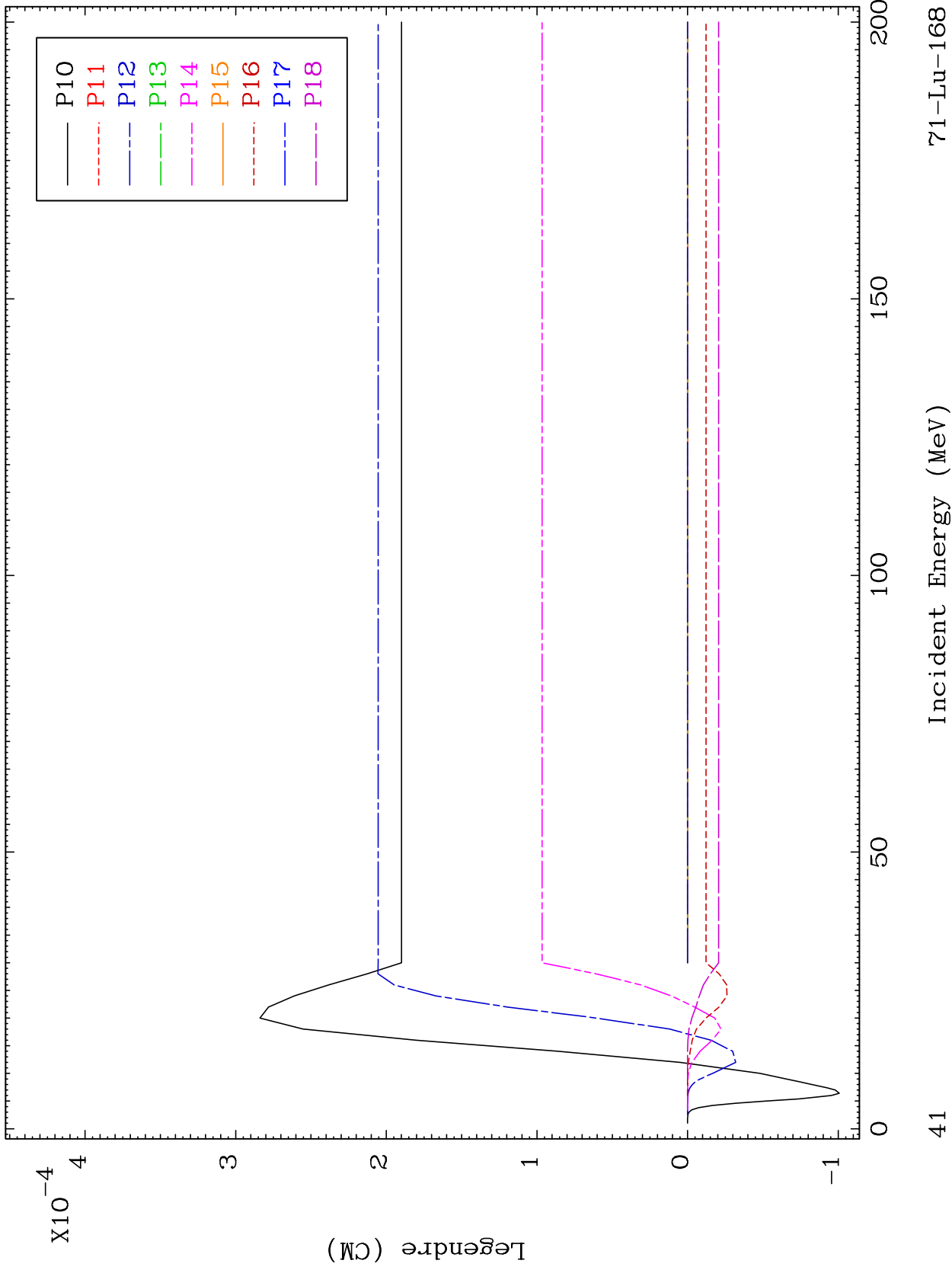


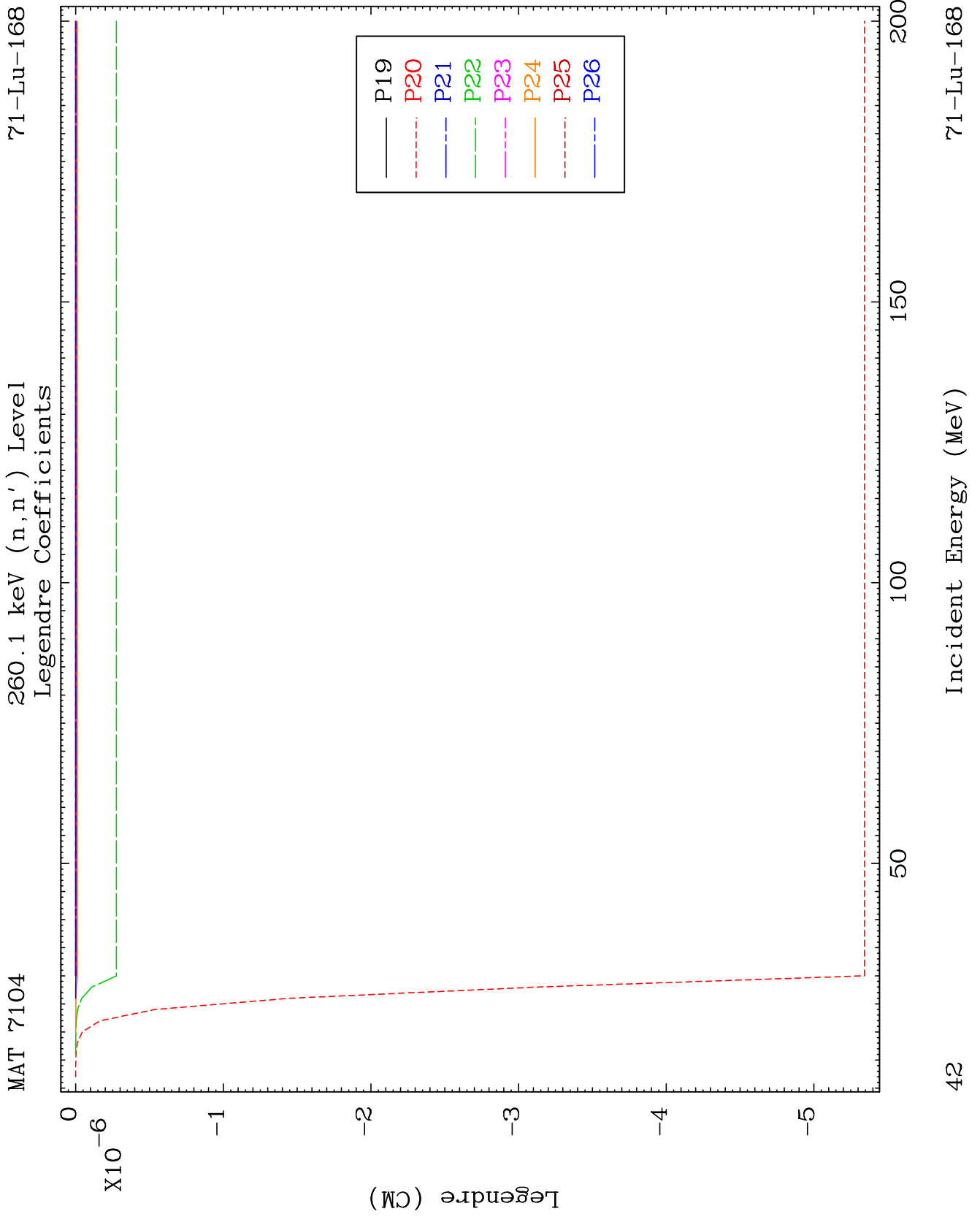


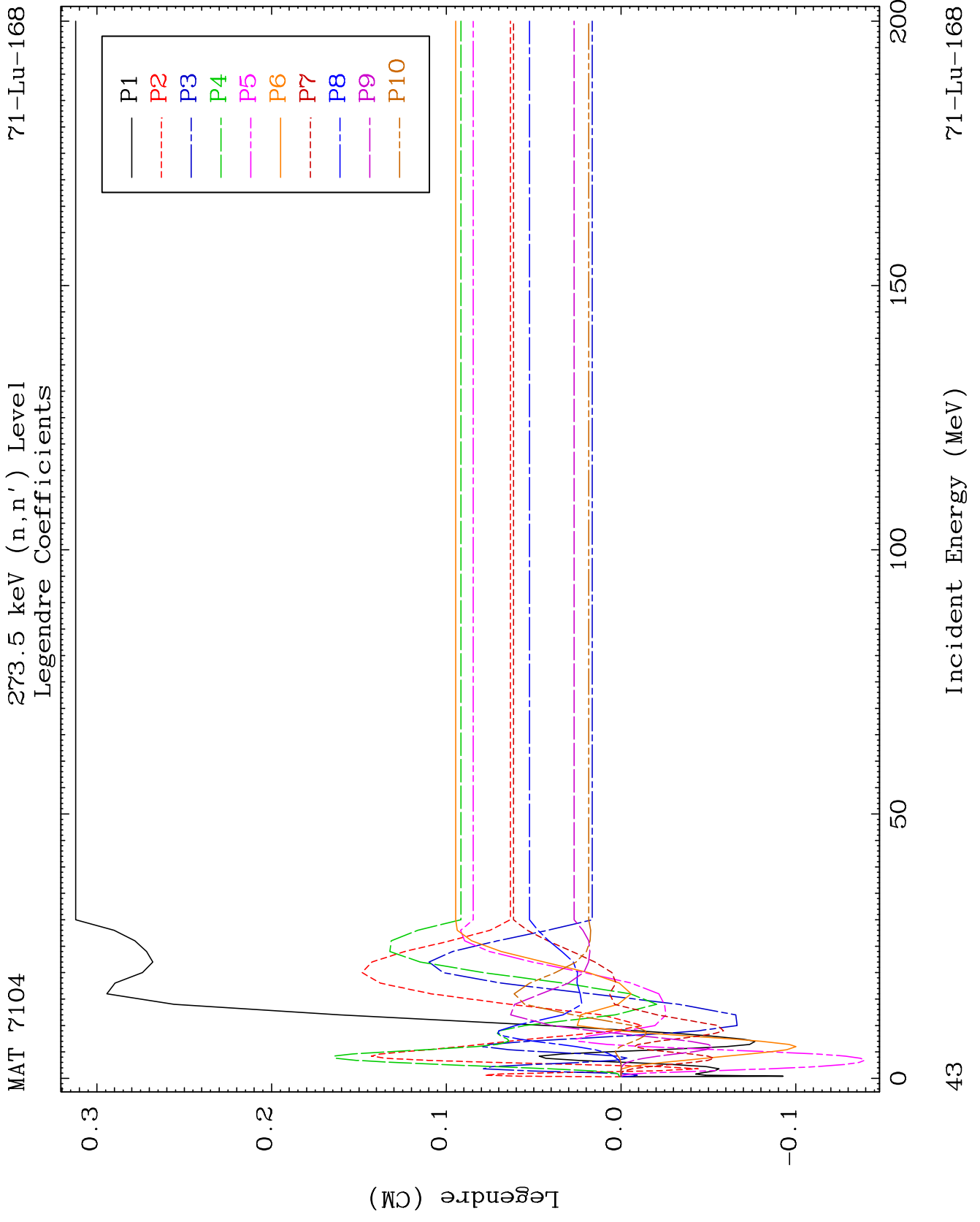
MAT 7104

260.1 keV (n,n') Level
Legendre Coefficients

71-Lu-168



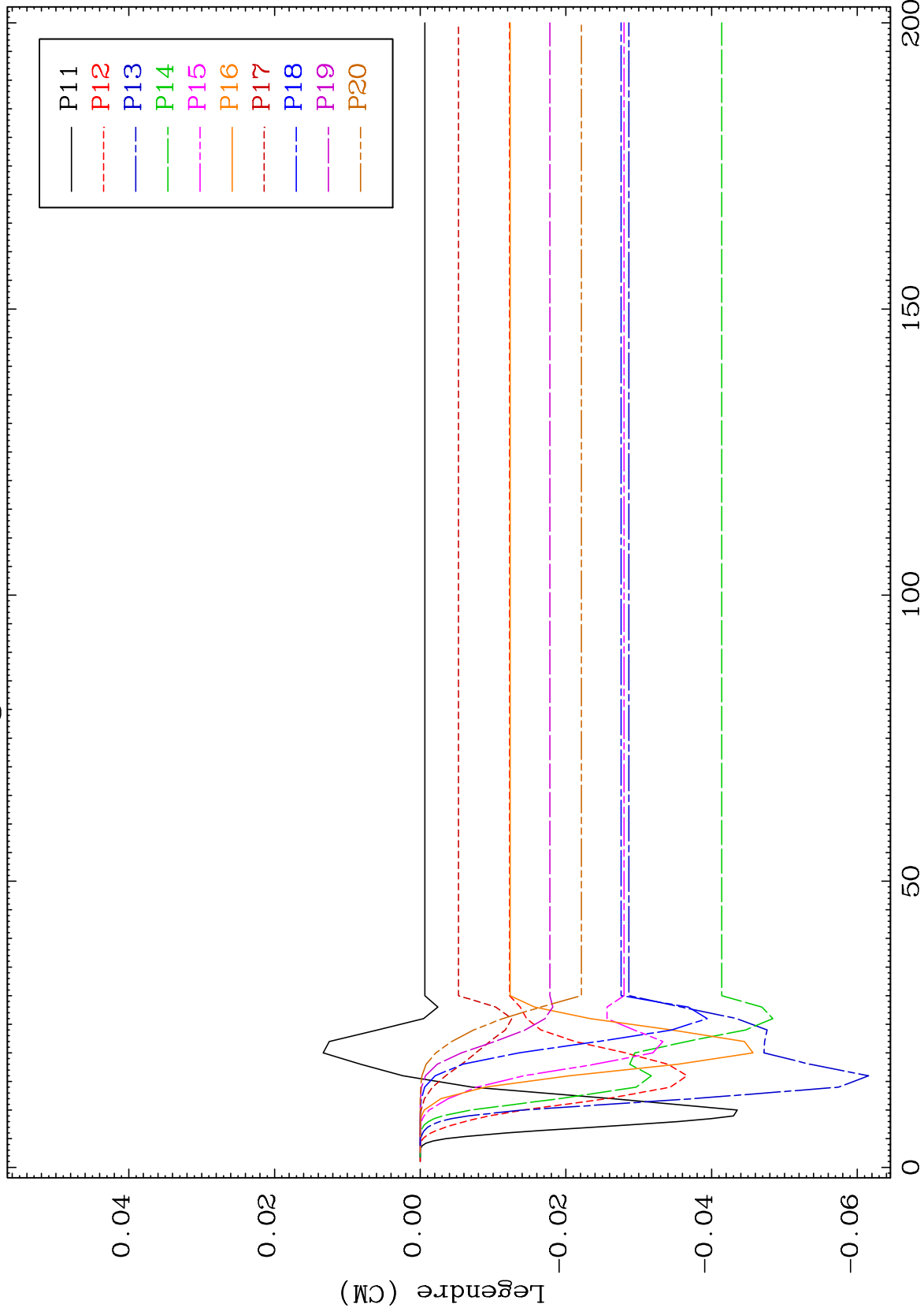




MAT 7104

273.5 keV (n, n') Level
Legendre Coefficients

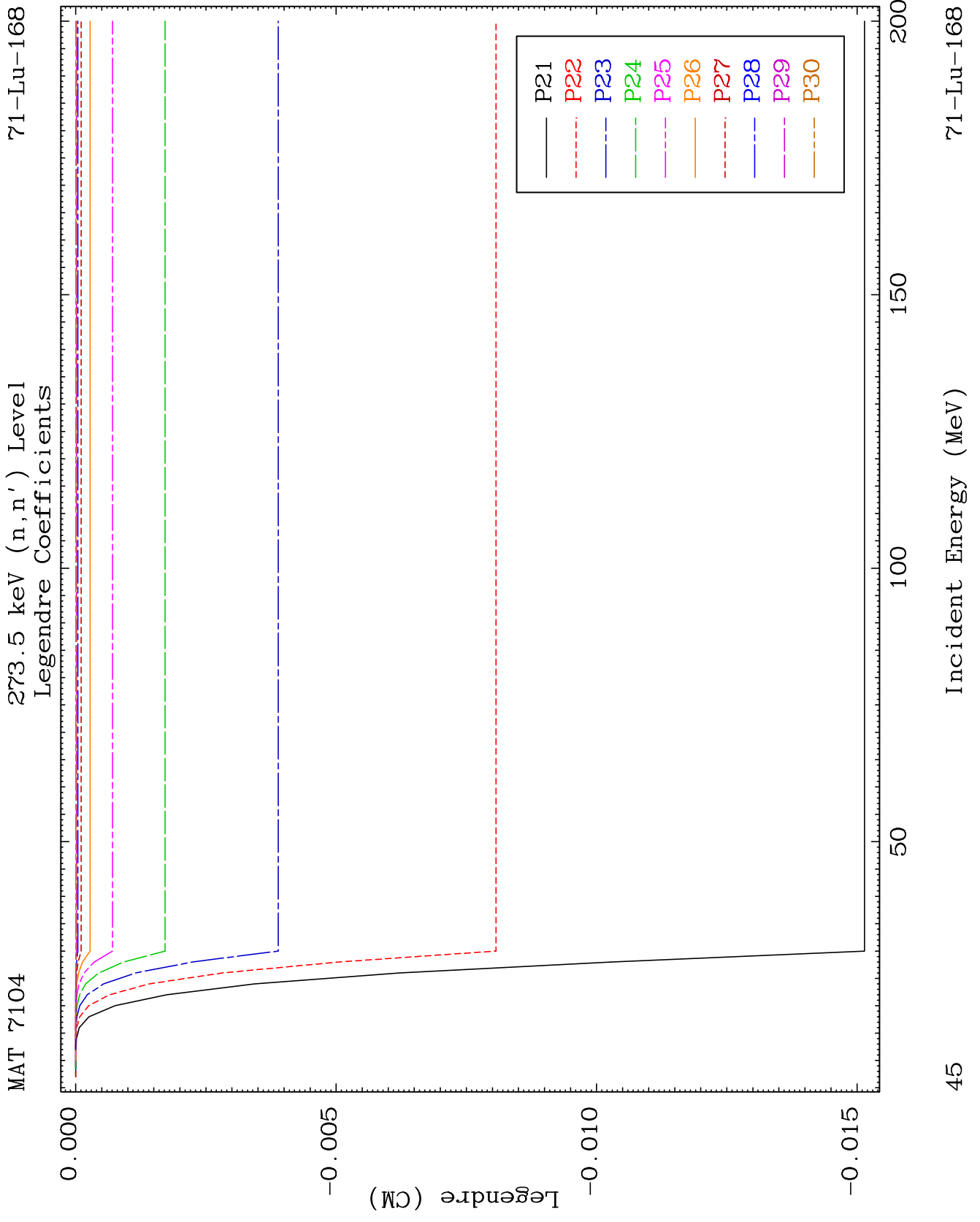
71-Lu-168

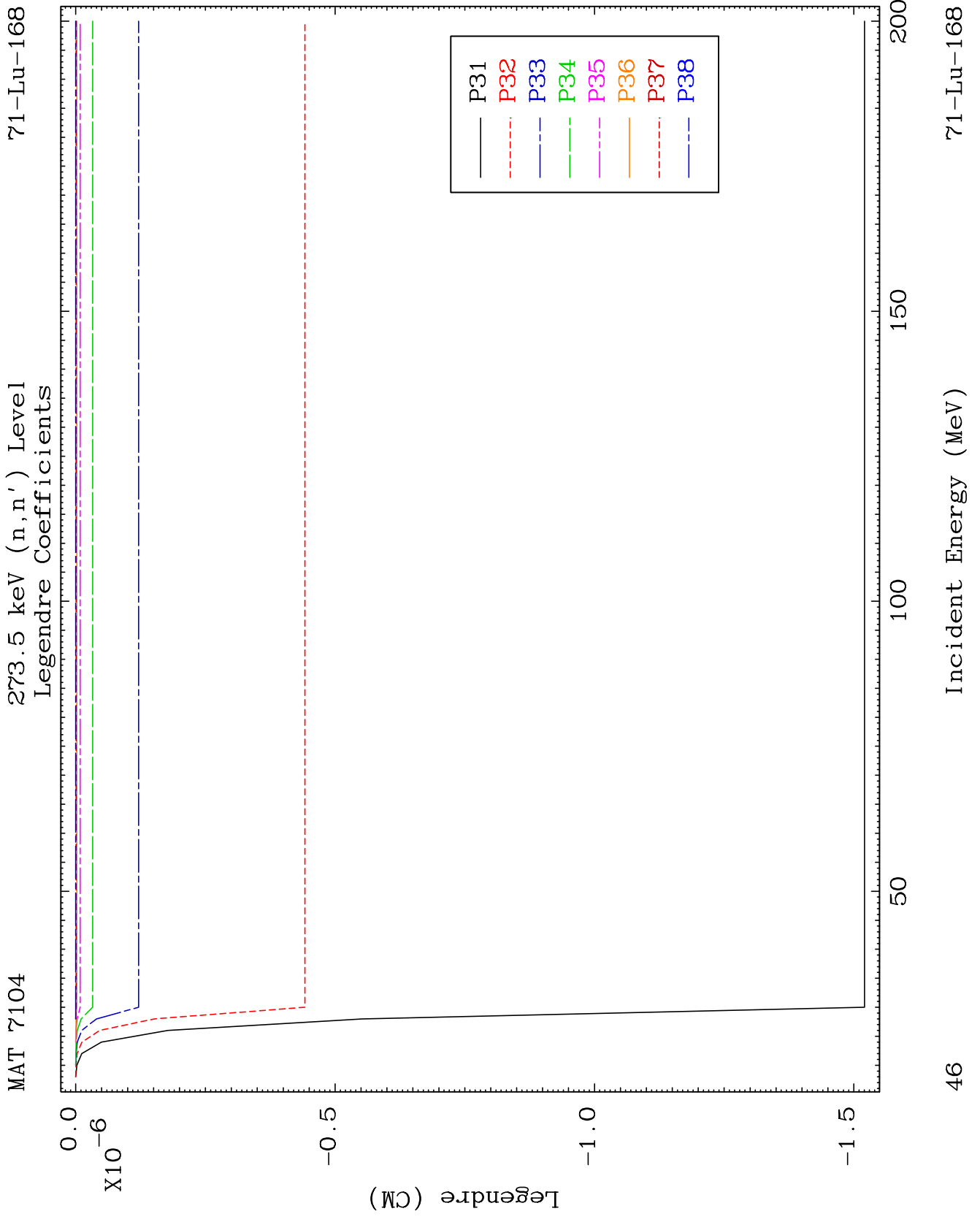


44

Incident Energy (MeV)

71-Lu-168

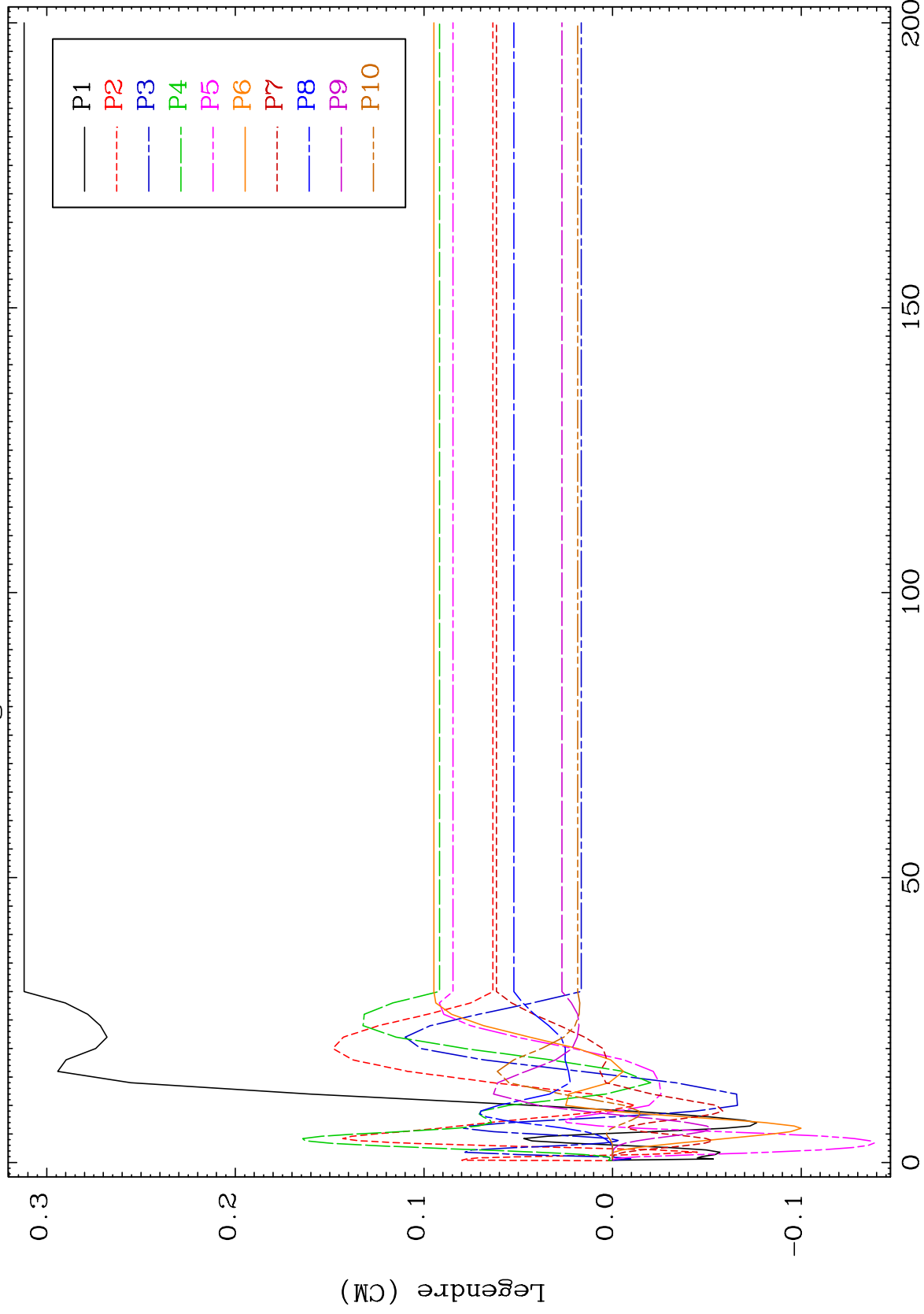




MAT 7104

303.7 keV (n,n') Level
Legendre Coefficients

71-Lu-168



47

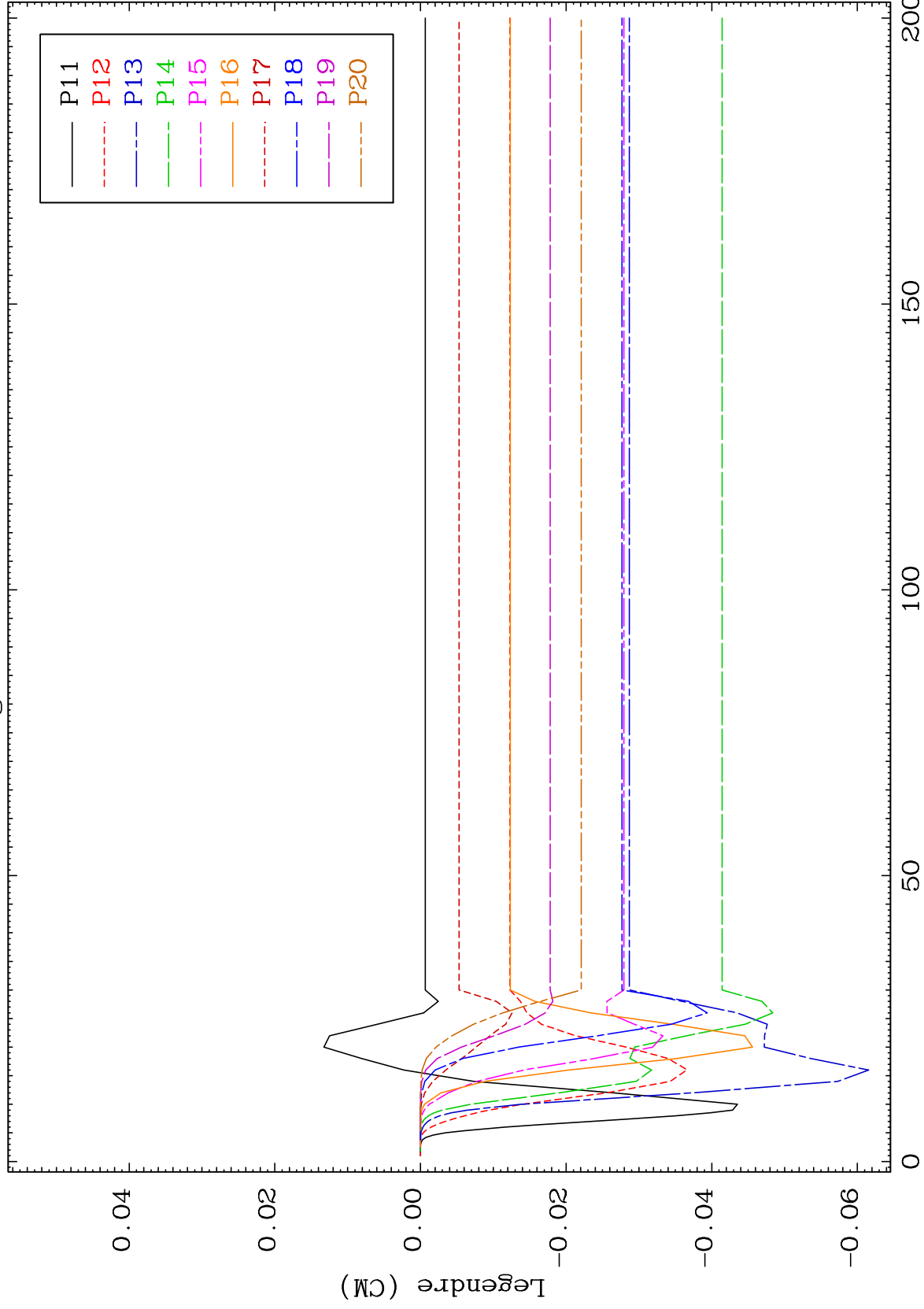
Incident Energy (MeV)

71-Lu-168

MAT 7104

303.7 keV (n,n') Level
Legendre Coefficients

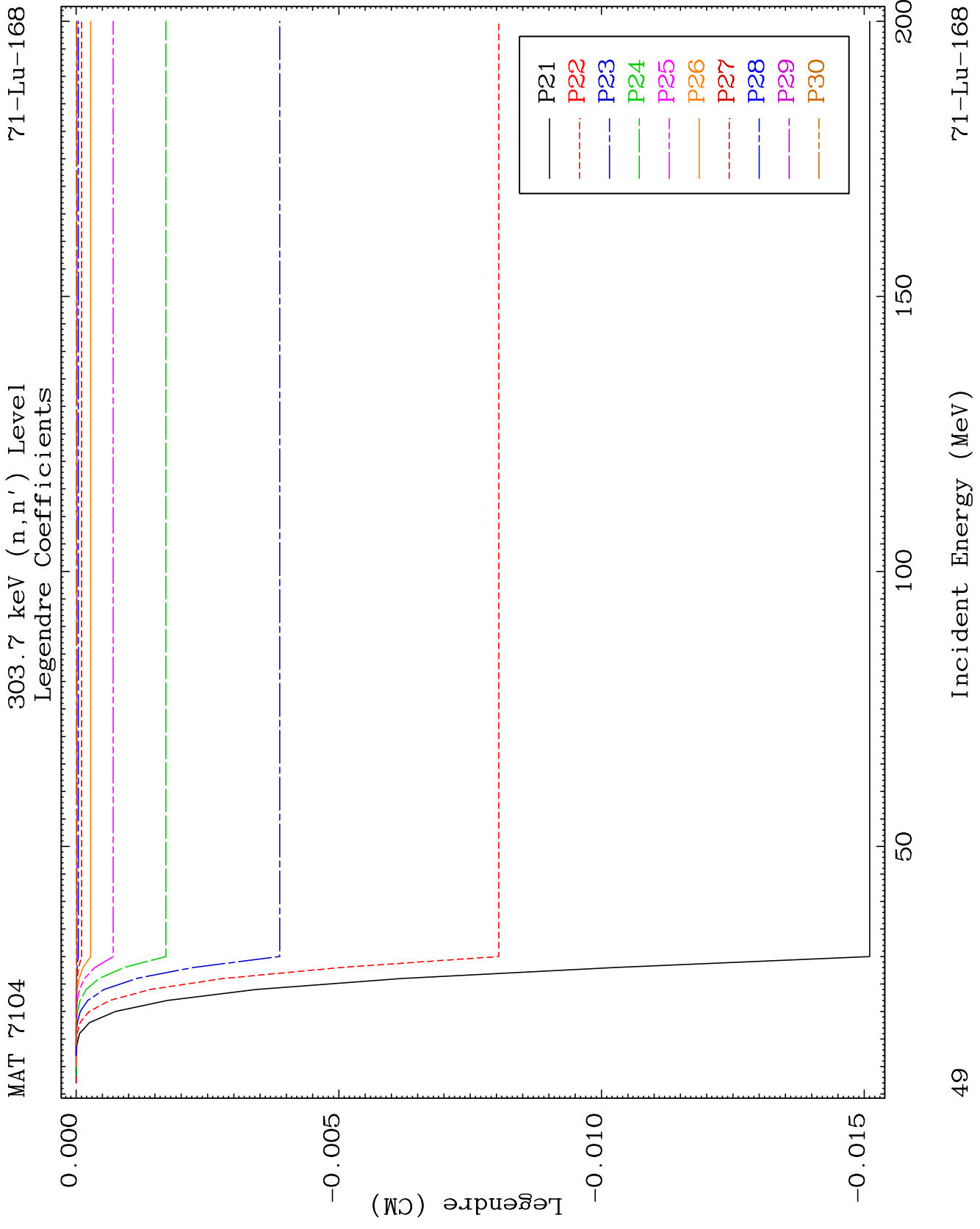
71-Lu-168

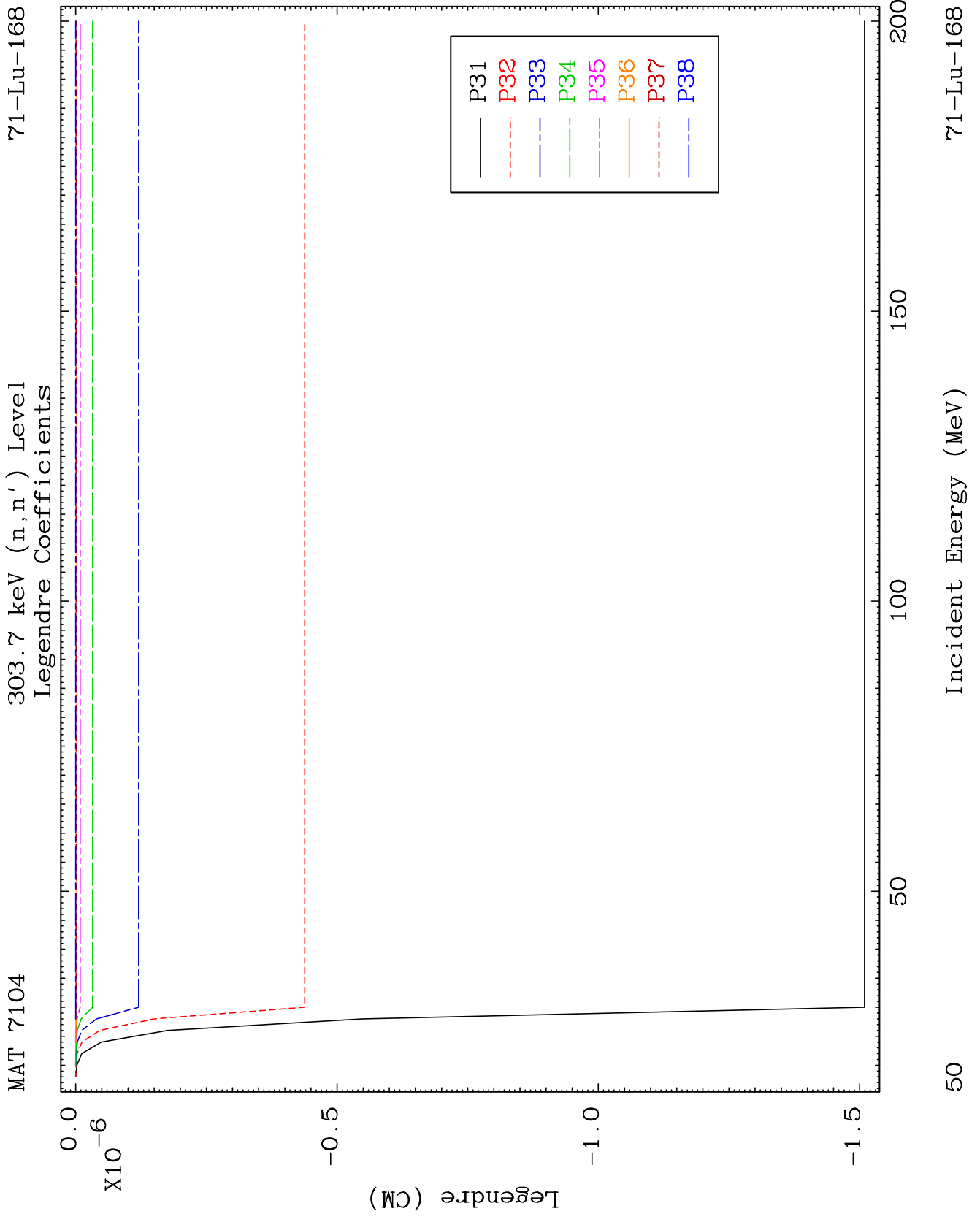


48

Incident Energy (MeV)

71-Lu-168

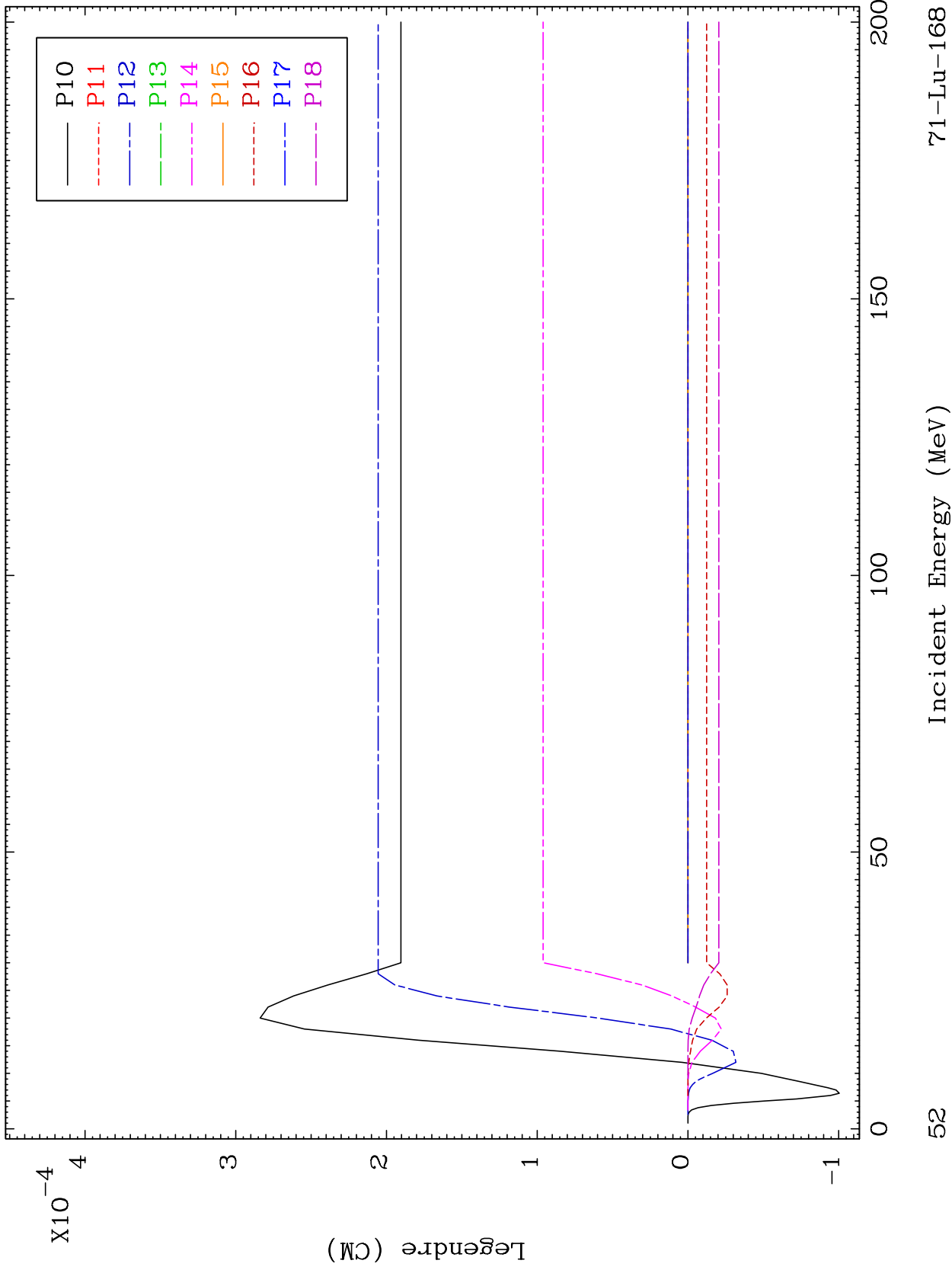




MAT 7104

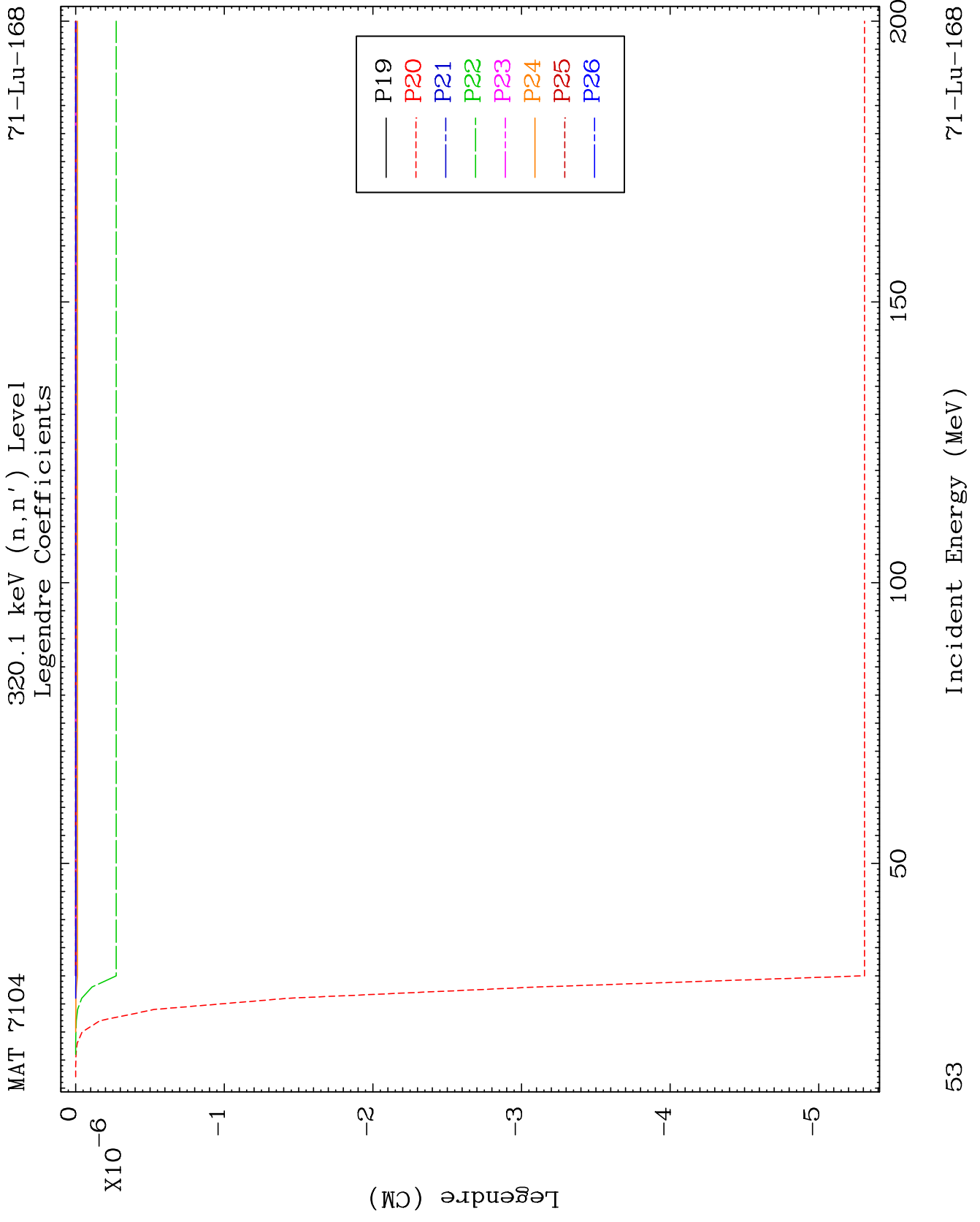
320.1 keV (n,n') Level
Legendre Coefficients

71-Lu-168



52

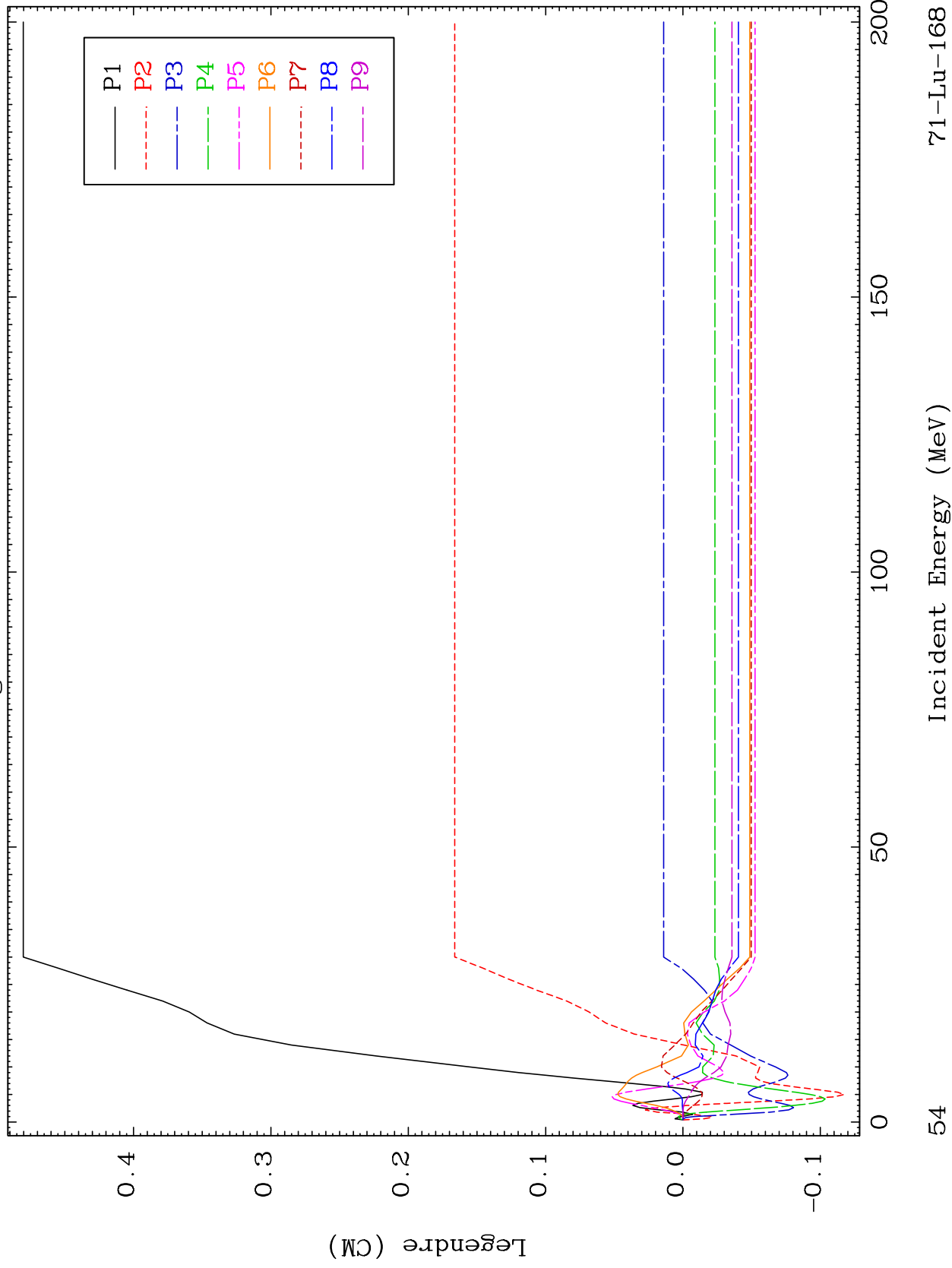
71-Lu-168



MAT 7104

350.1 keV (n, n') Level
Legendre Coefficients

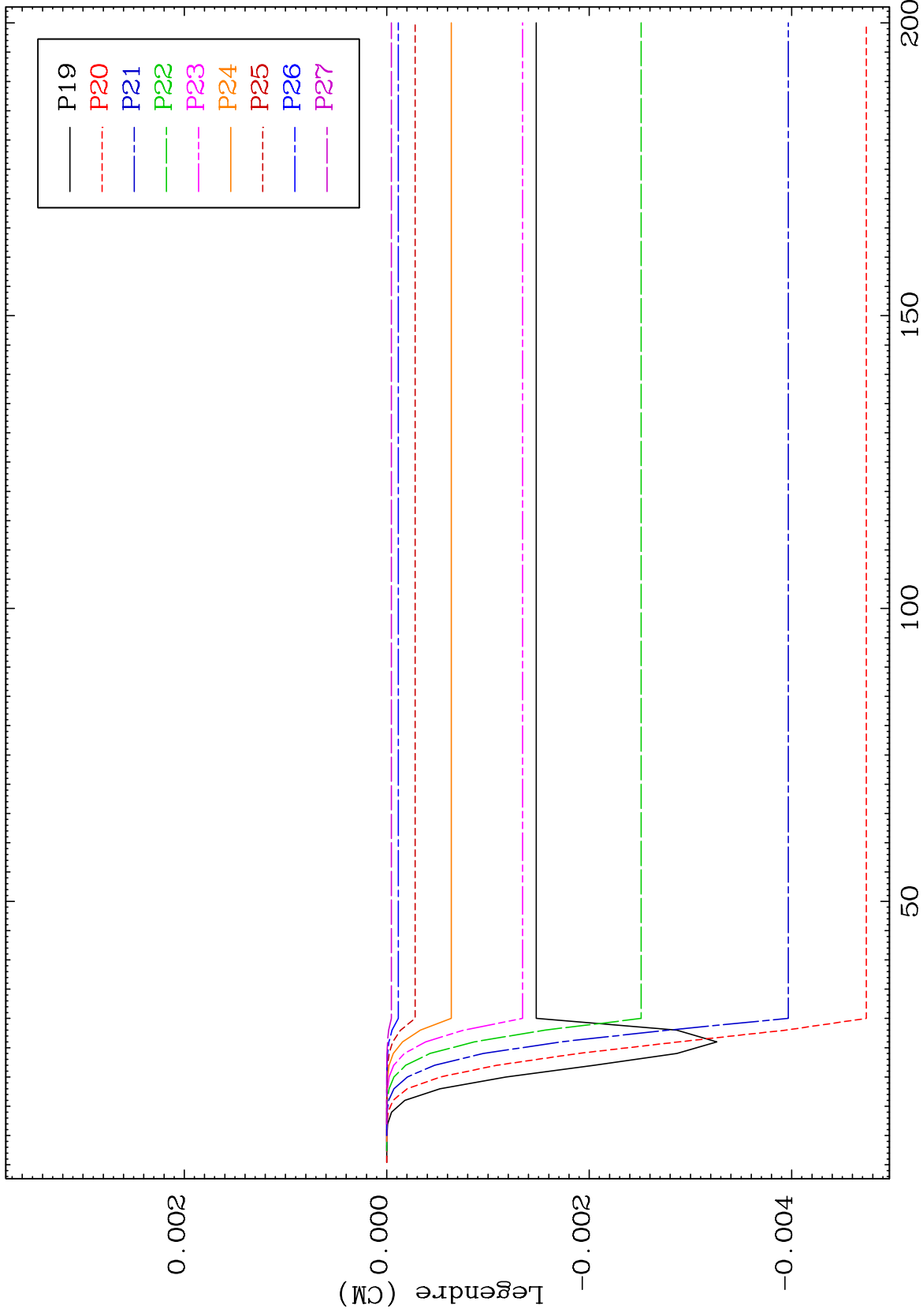
71-Lu-168

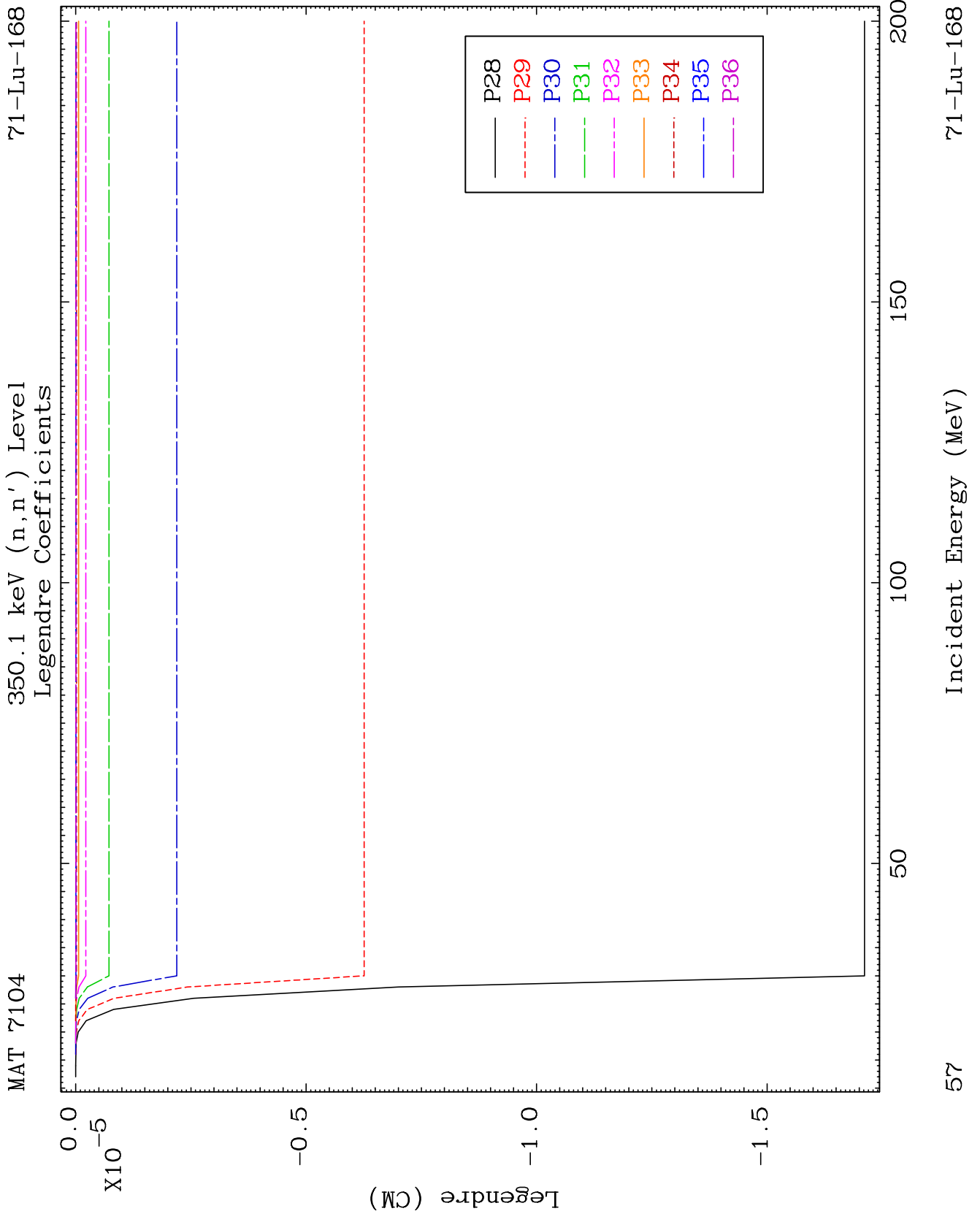


71-Lu-168

Incident Energy (MeV)

54

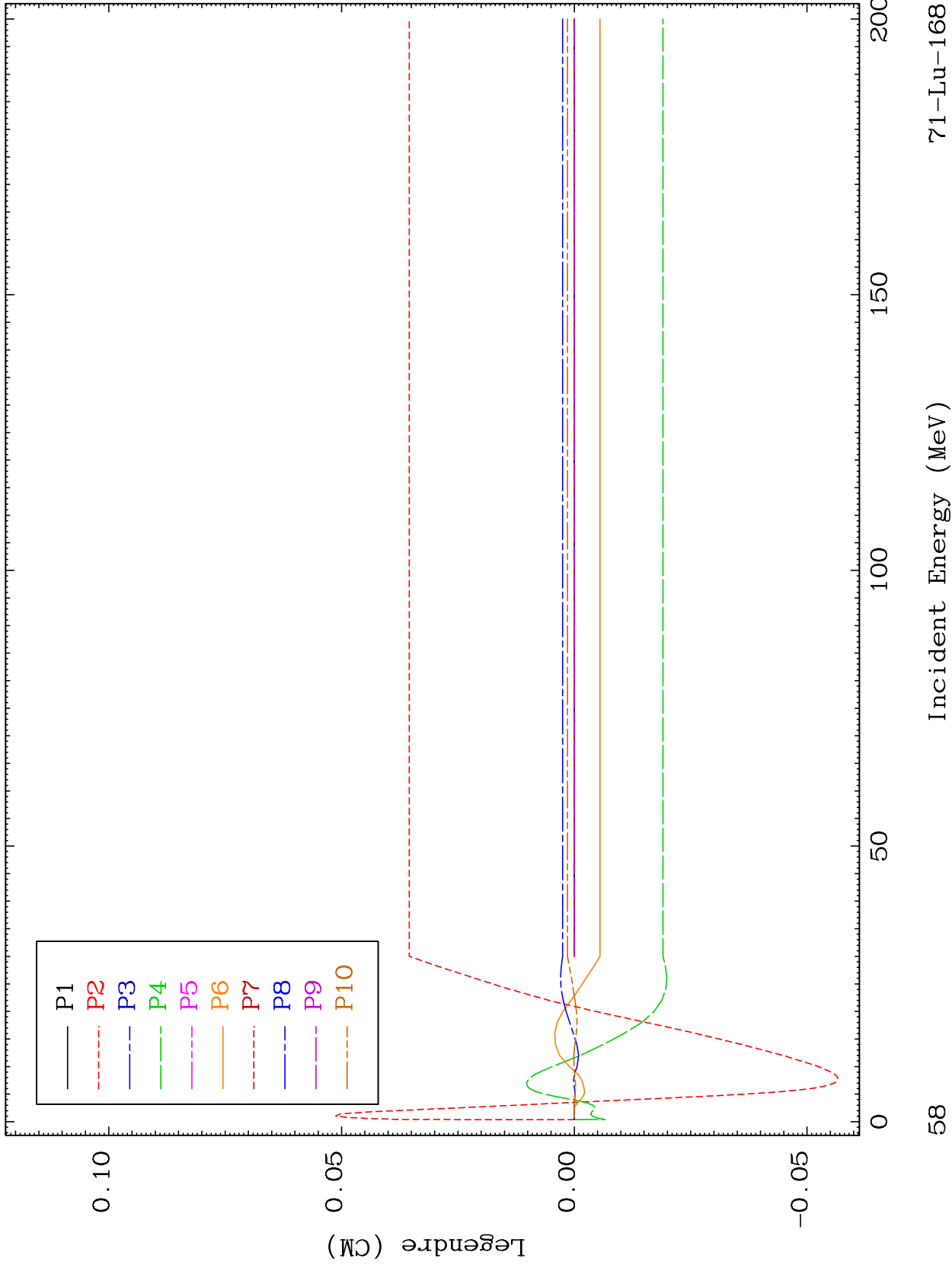




MAT 7104

354.8 keV (n,n') Level
Legendre Coefficients

71-Lu-168



71-Lu-168

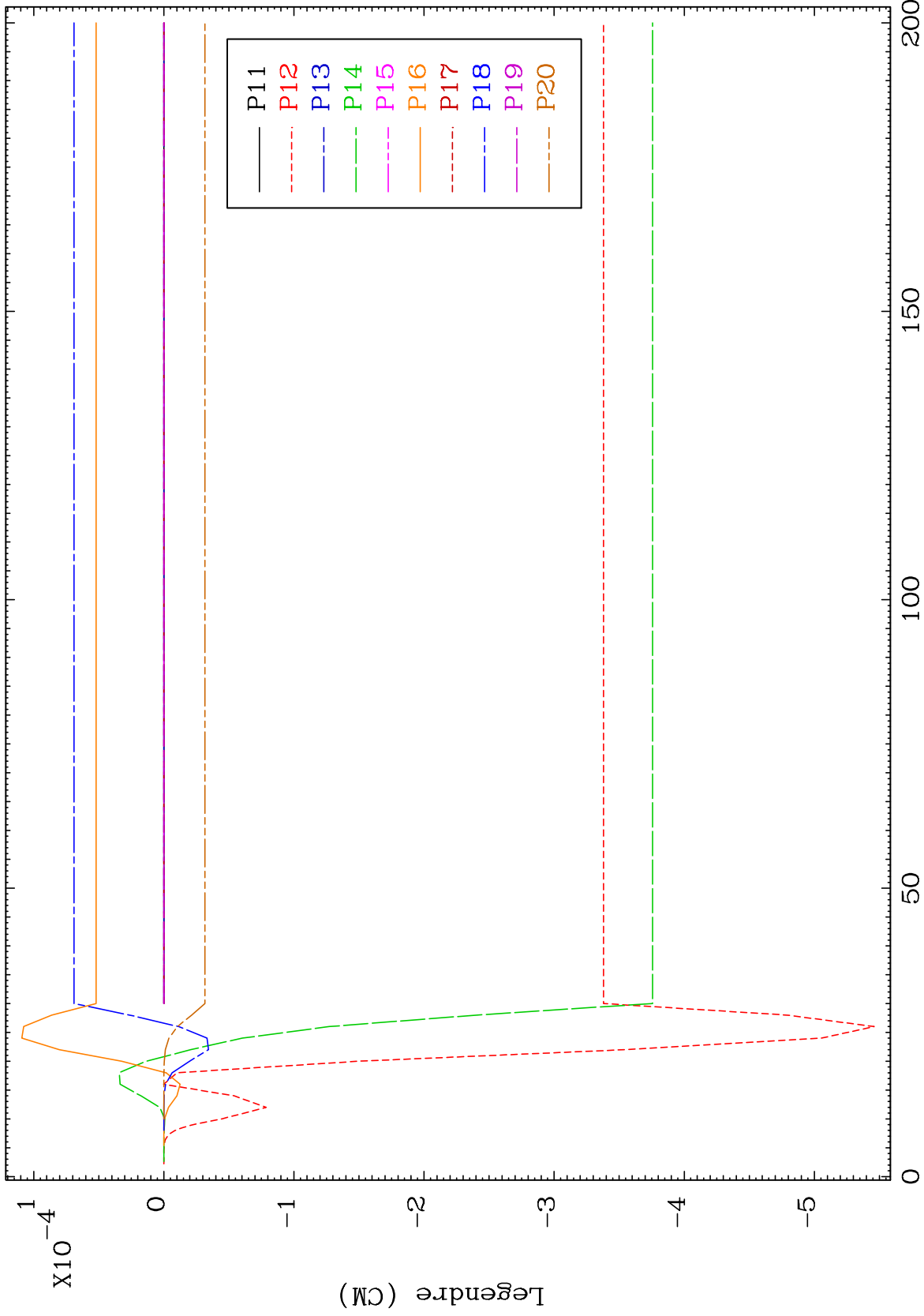
Incident Energy (MeV)

58

MAT 7104

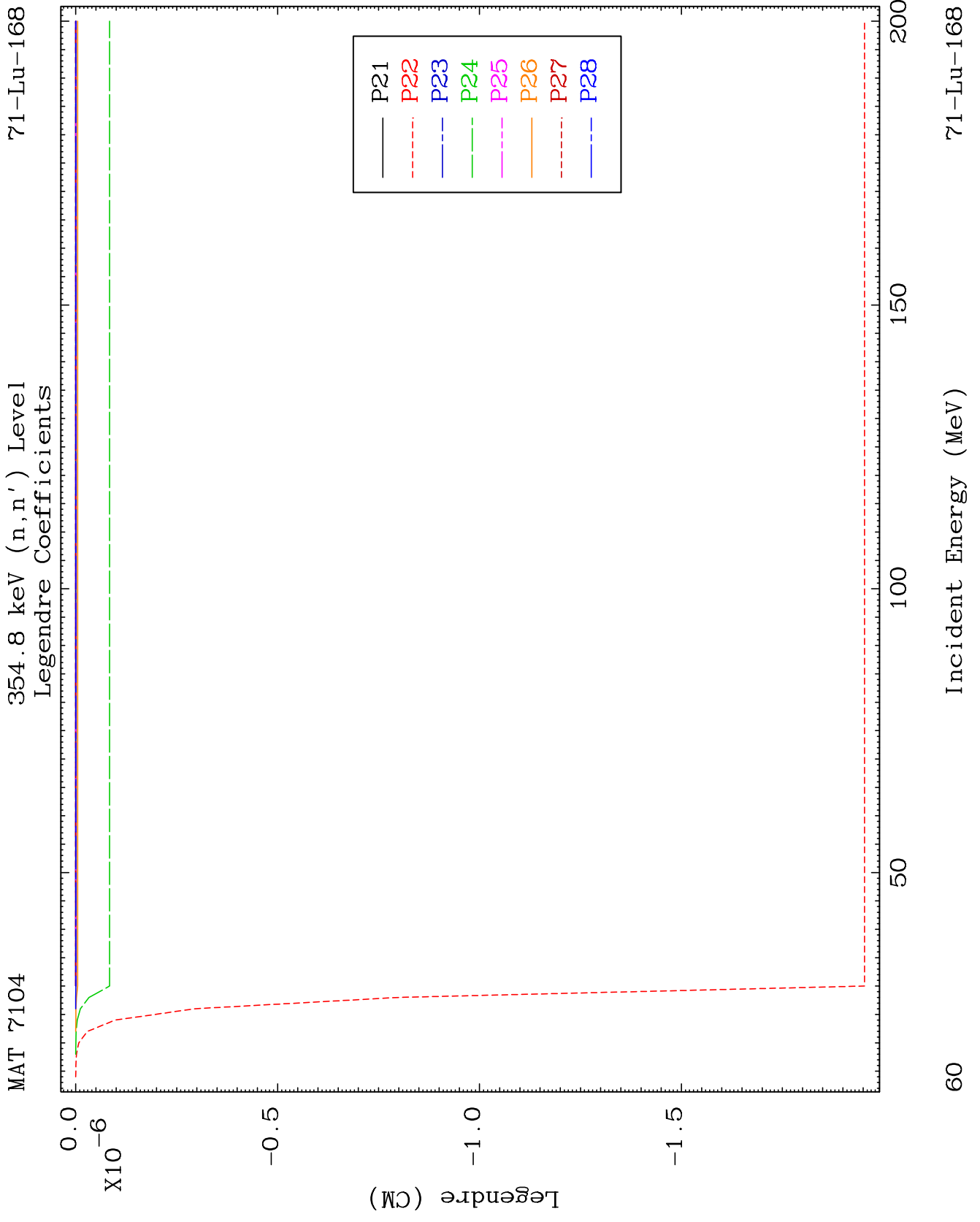
354.8 keV (n, n') Level
Legendre Coefficients

71-Lu-168



59

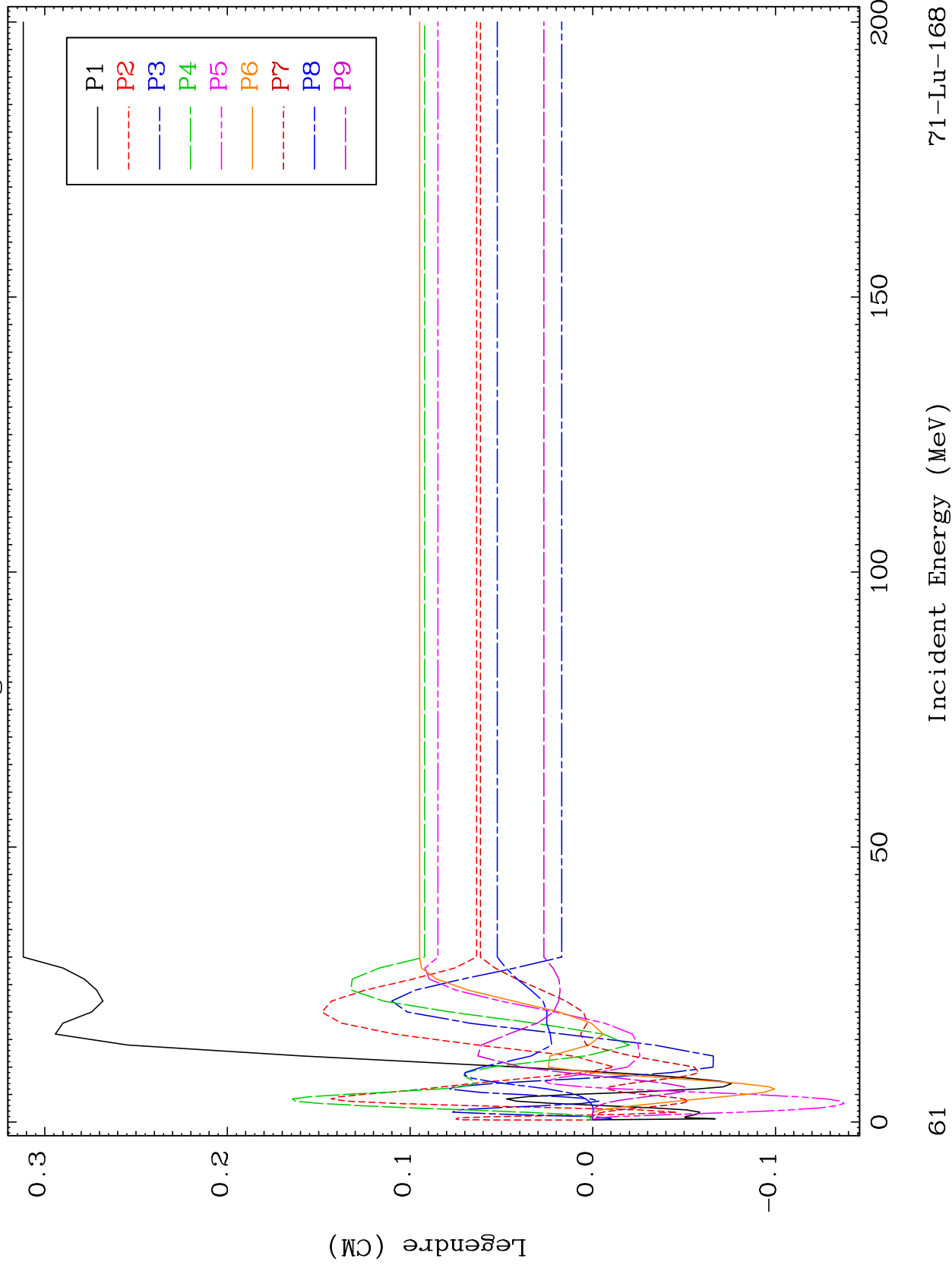
71-Lu-168



MAT 7104

360.6 keV (n,n') Level
Legendre Coefficients

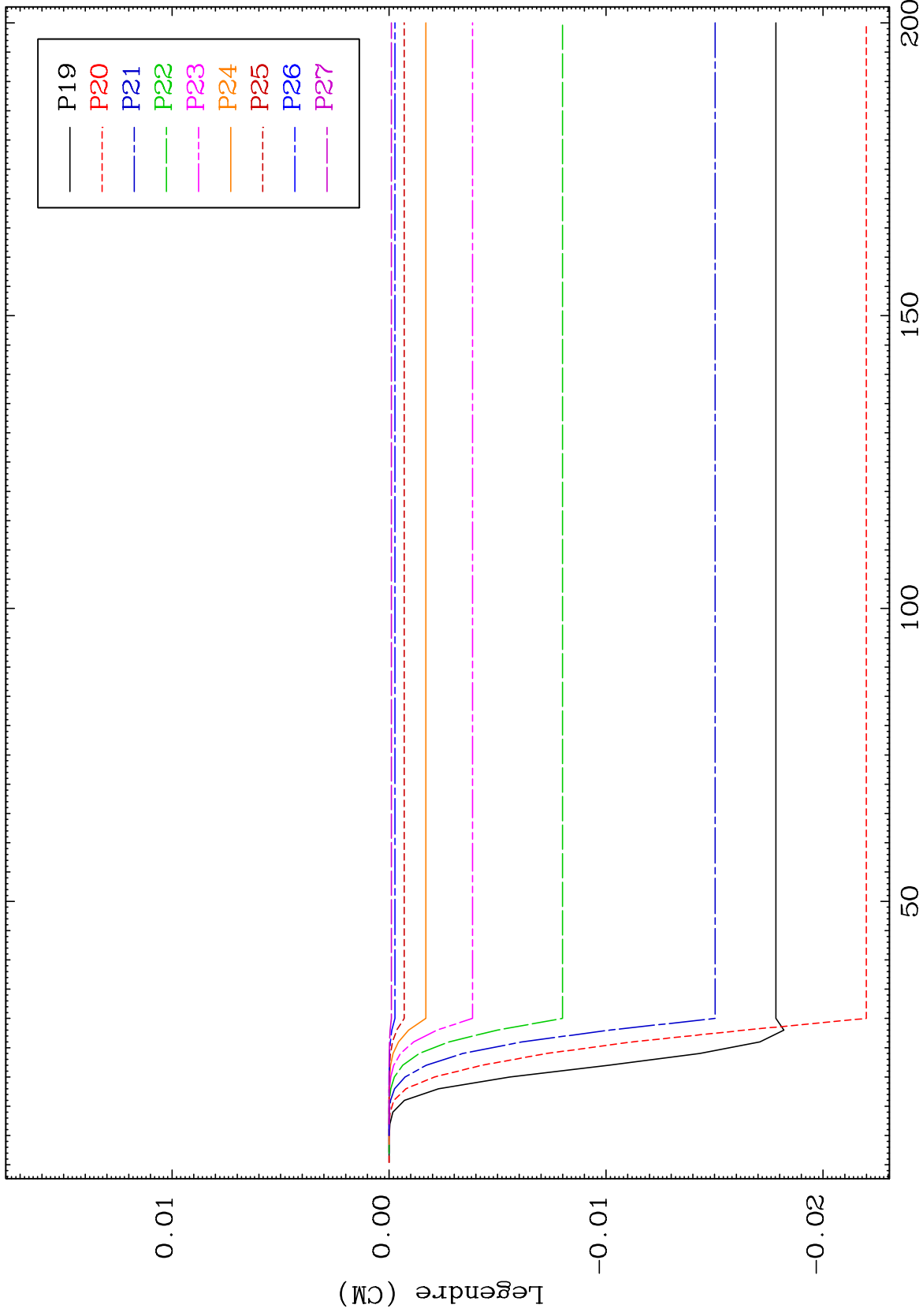
71-Lu-168

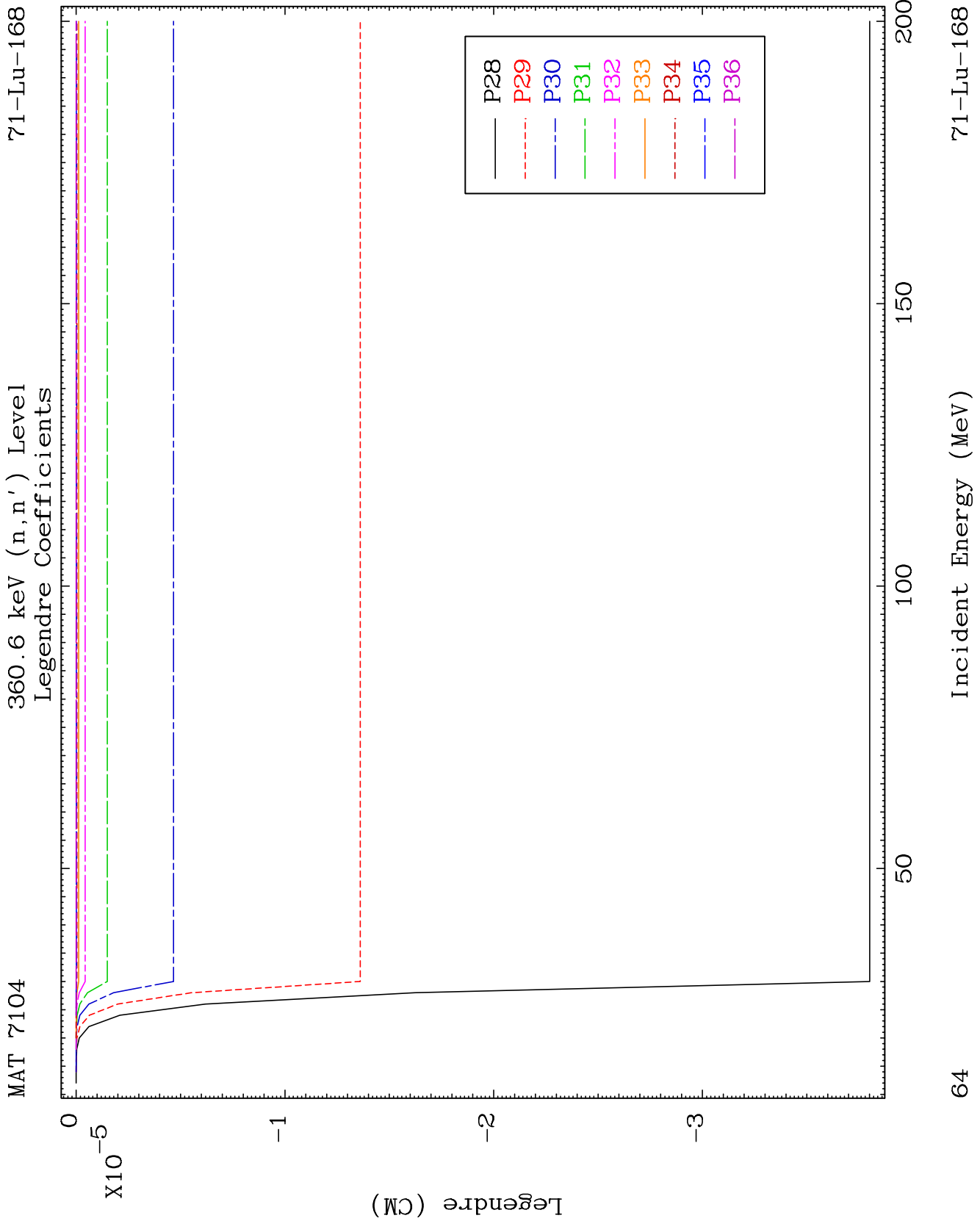


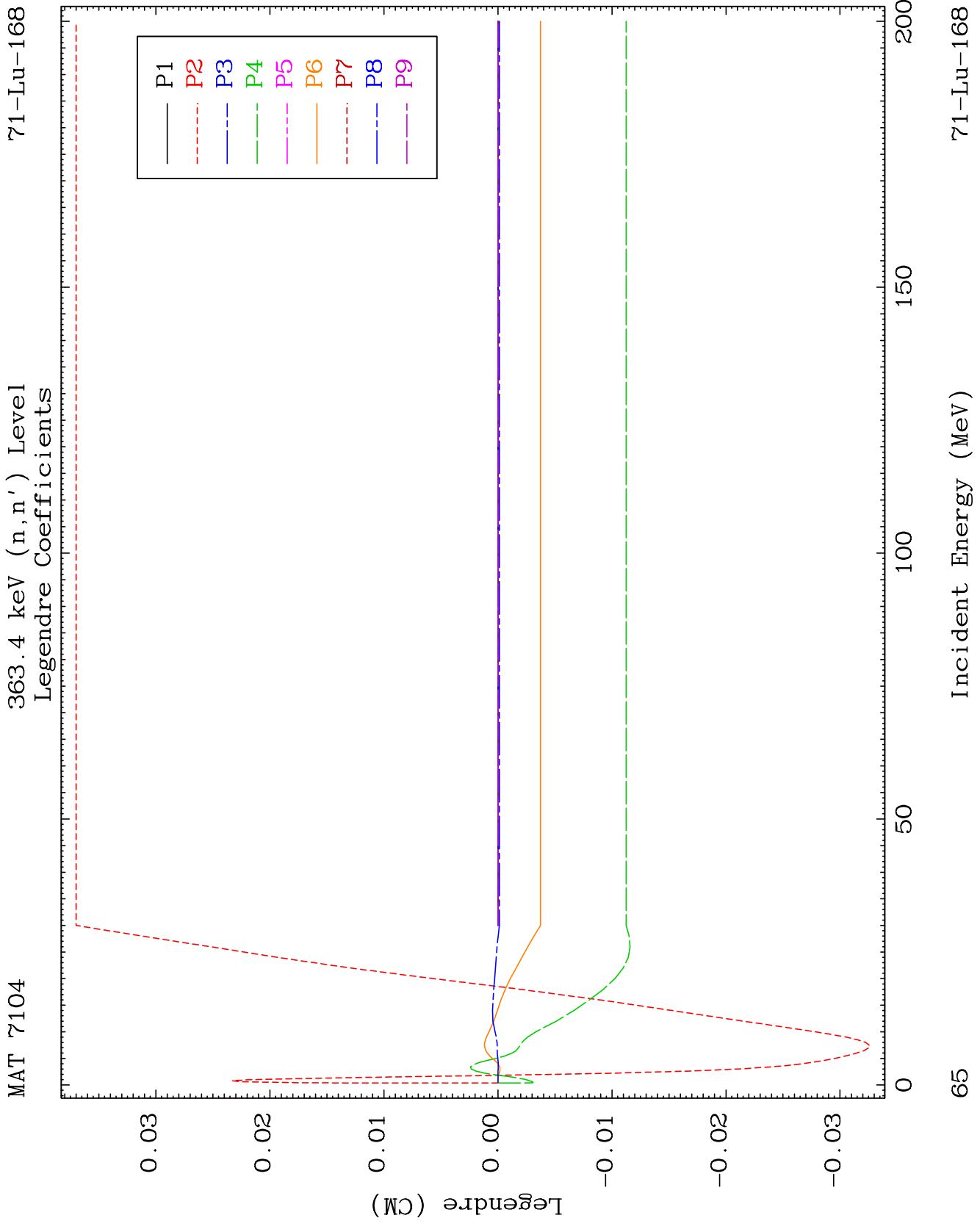
71-Lu-168

Incident Energy (MeV)

61



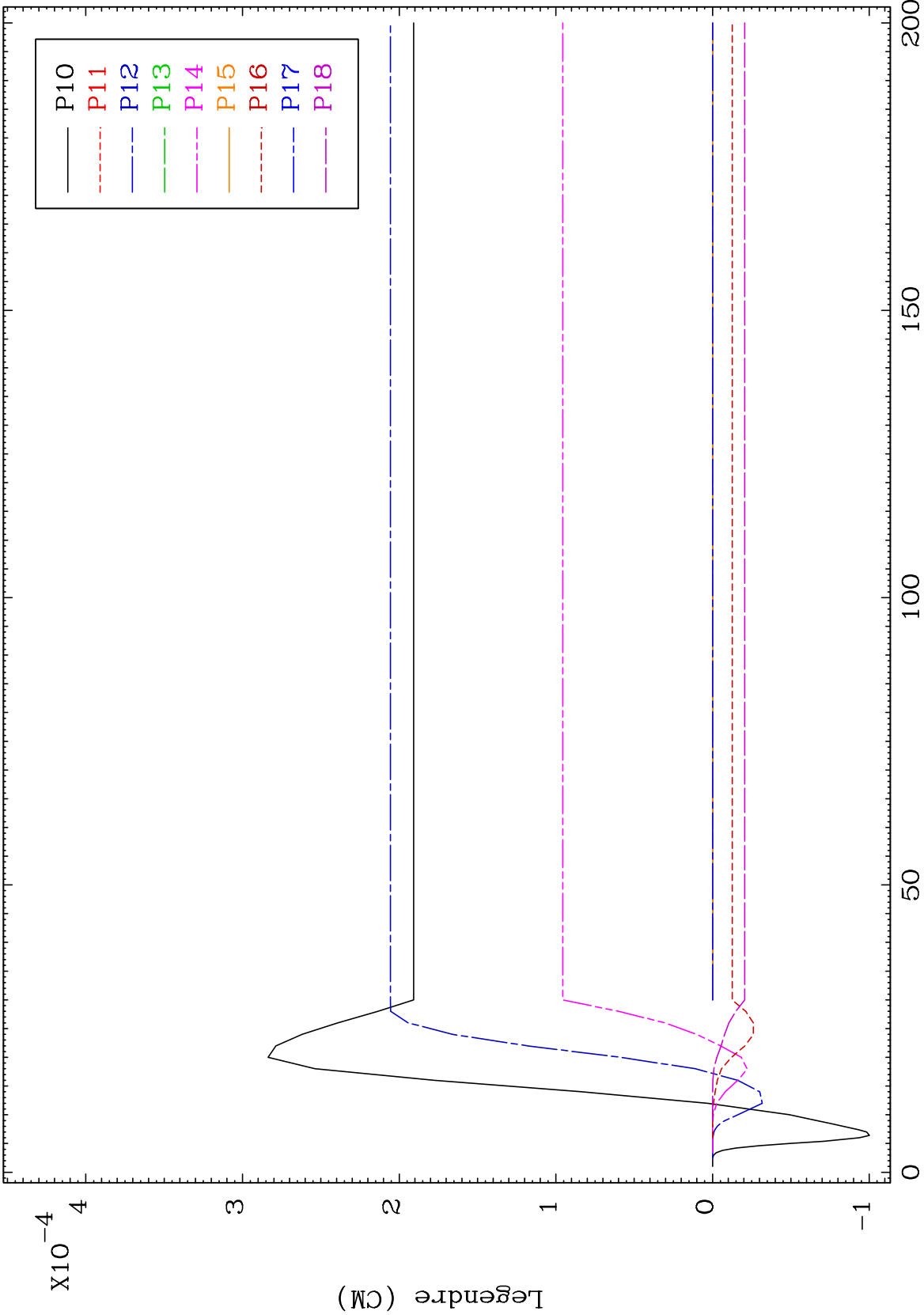




MAT 7104

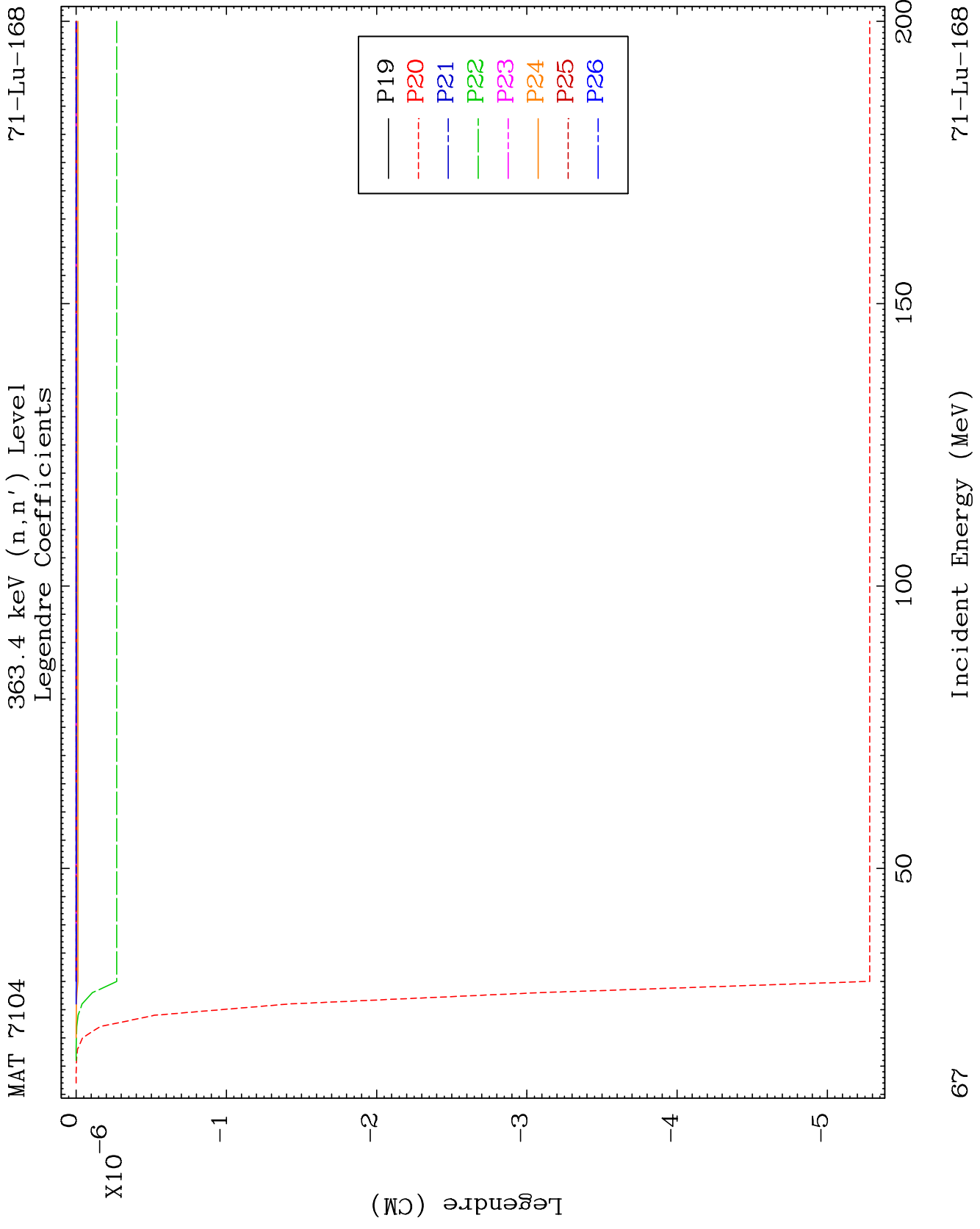
363.4 keV (n,n') Level
Legendre Coefficients

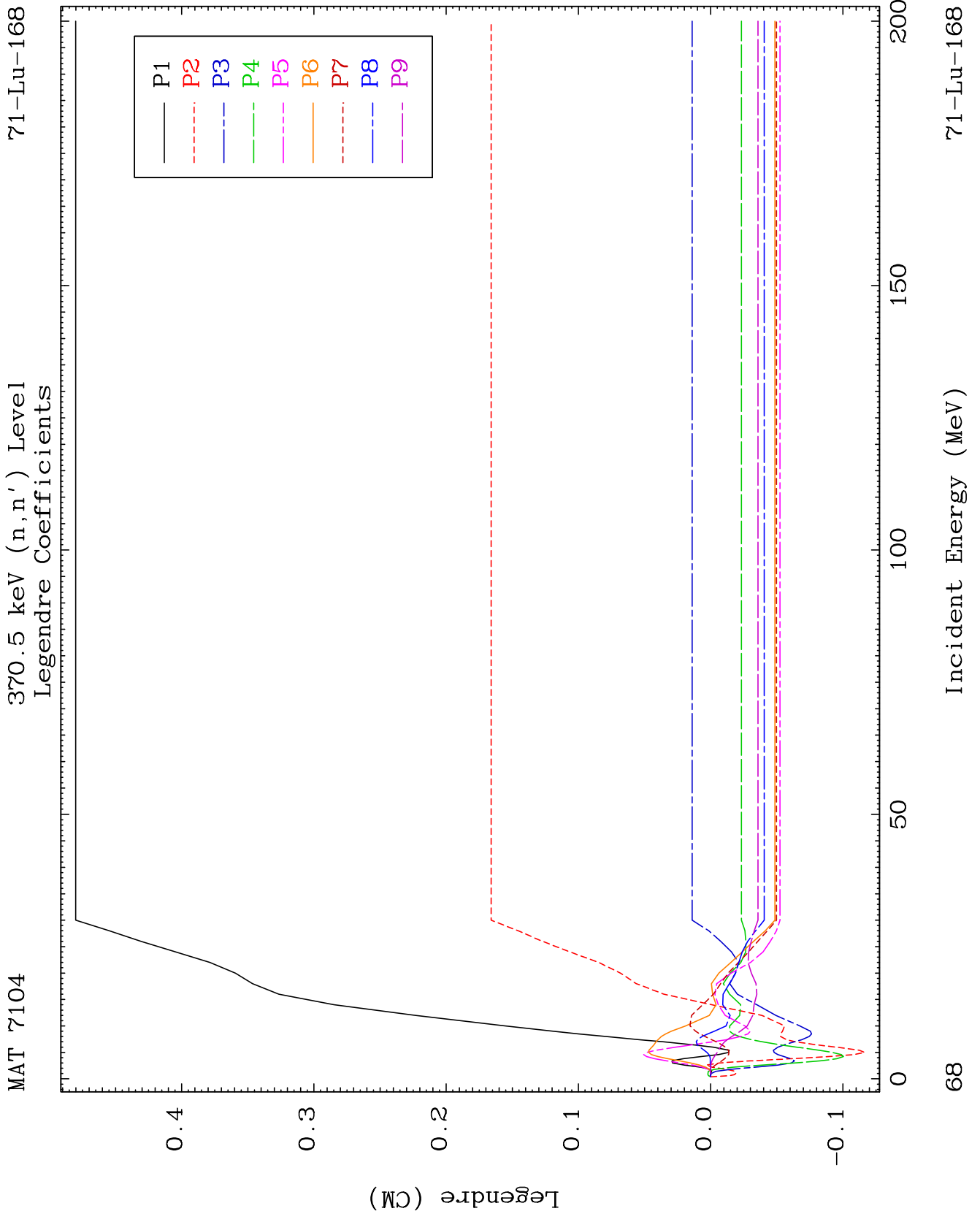
71-Lu-168



66

71-Lu-168

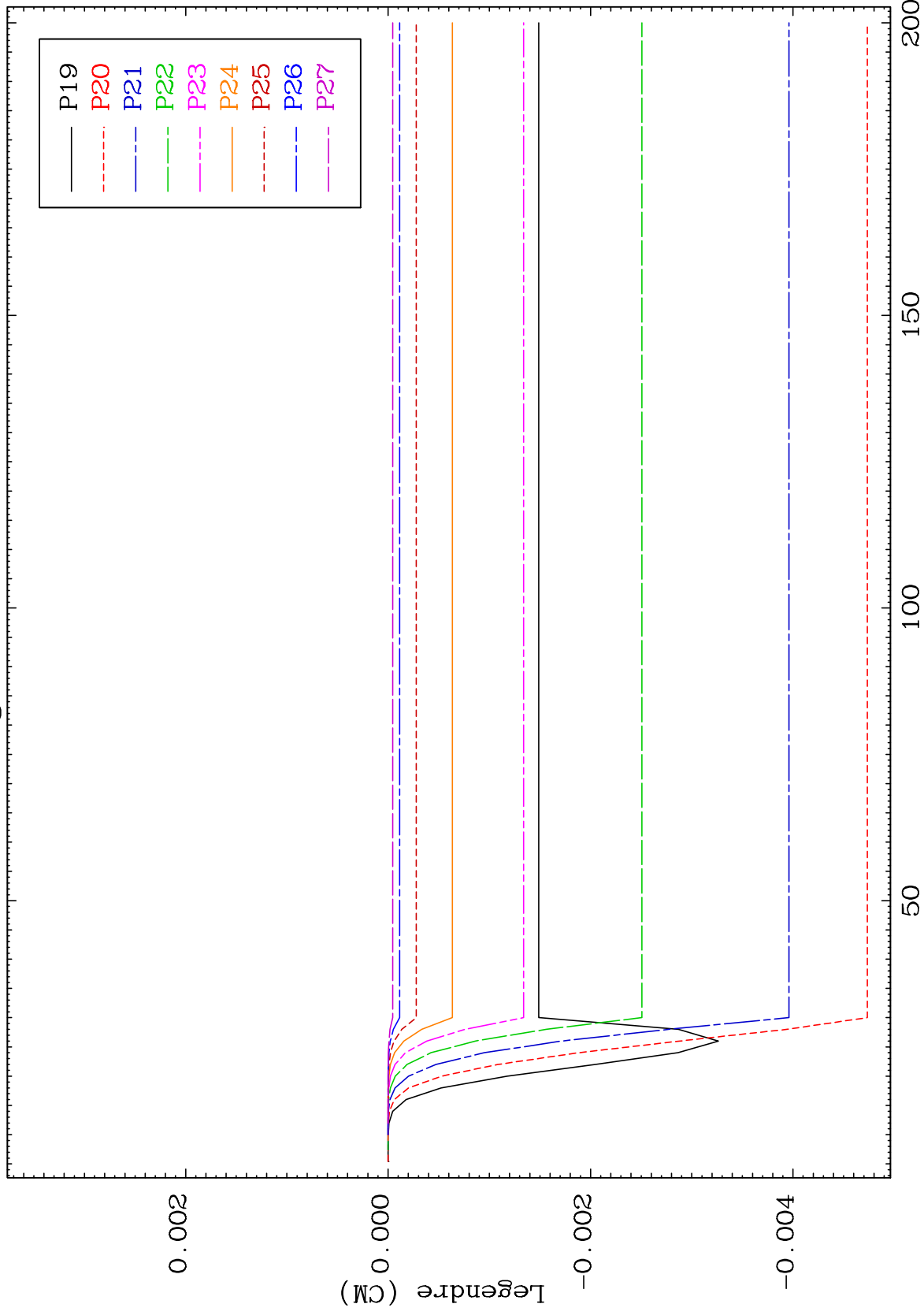




MAT 7104

370.5 keV (n,n') Level
Legendre Coefficients

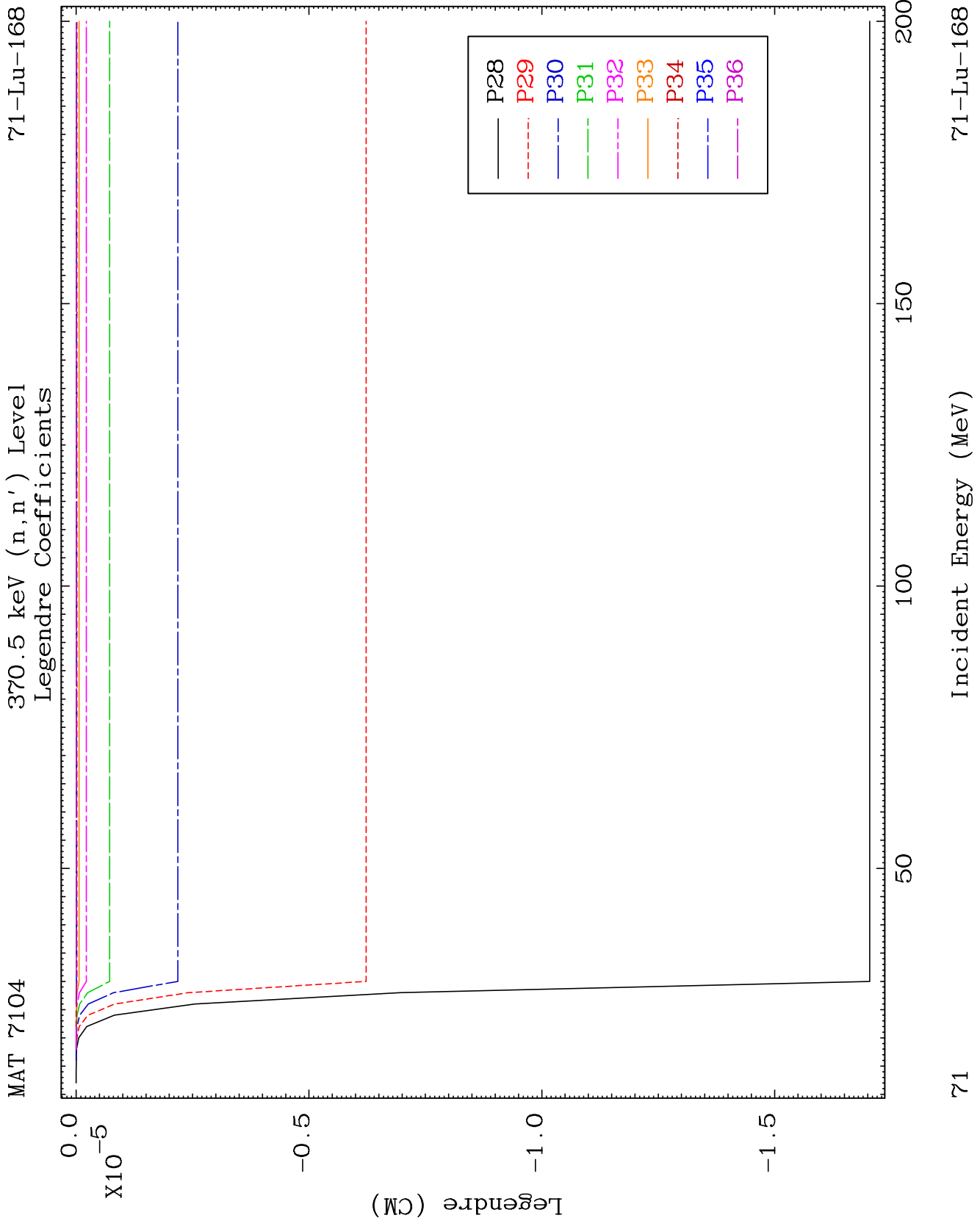
71-Lu-168



70

Incident Energy (MeV)

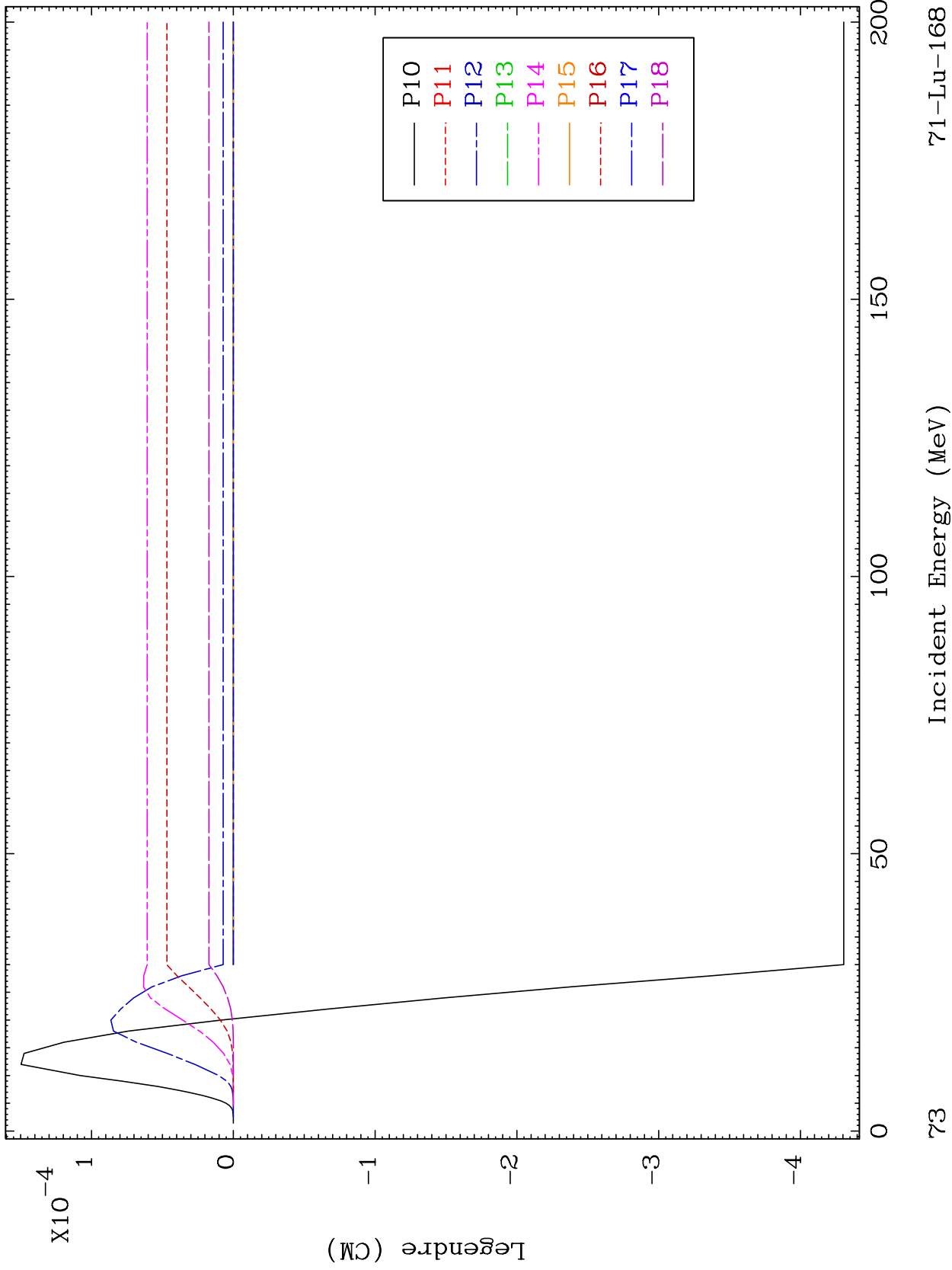
71-Lu-168



MAT 7104

376.7 keV (n,n') Level
Legendre Coefficients

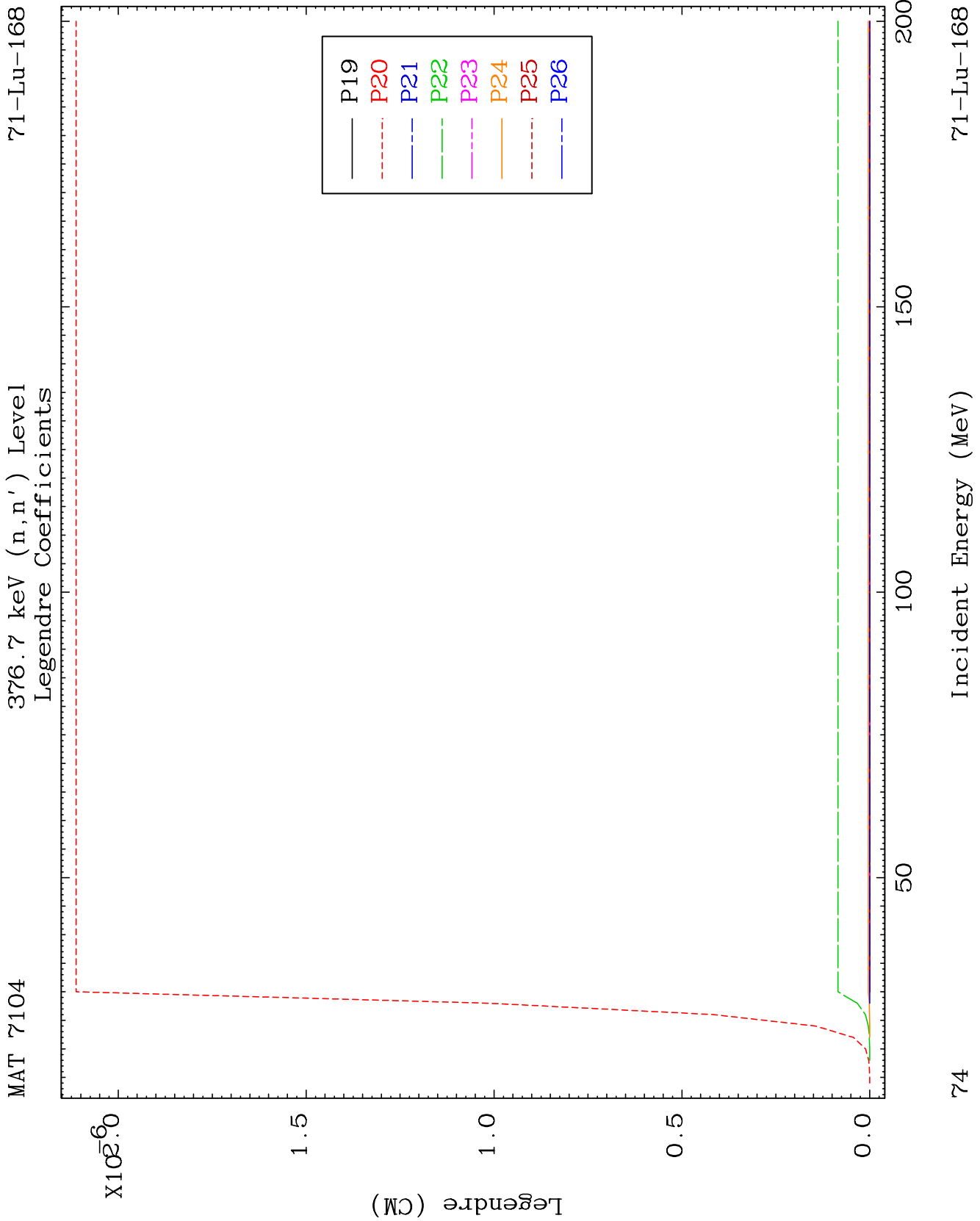
71-Lu-168



73

Incident Energy (MeV)

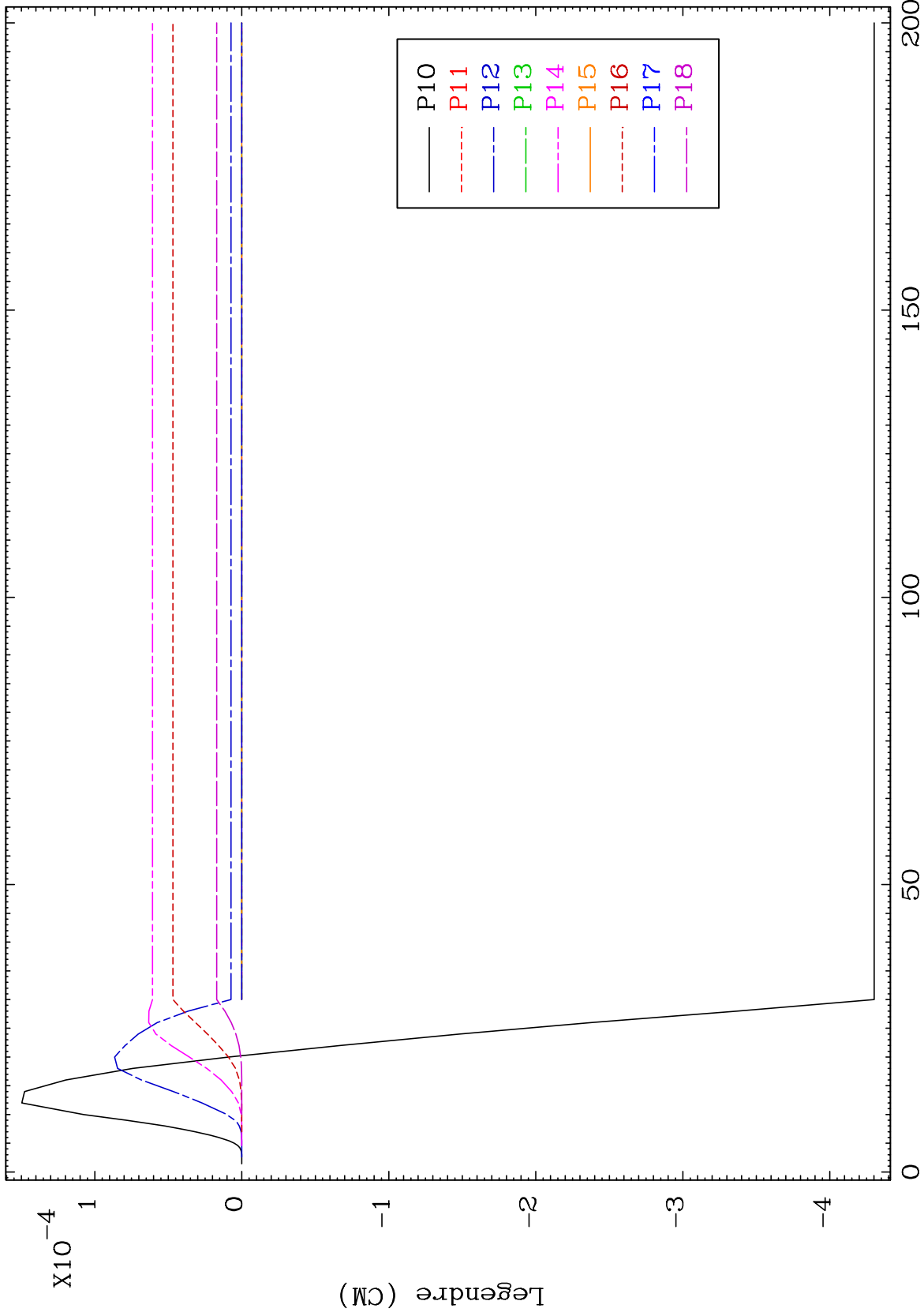
71-Lu-168



MAT 7104

393.4 keV (n,n') Level
Legendre Coefficients

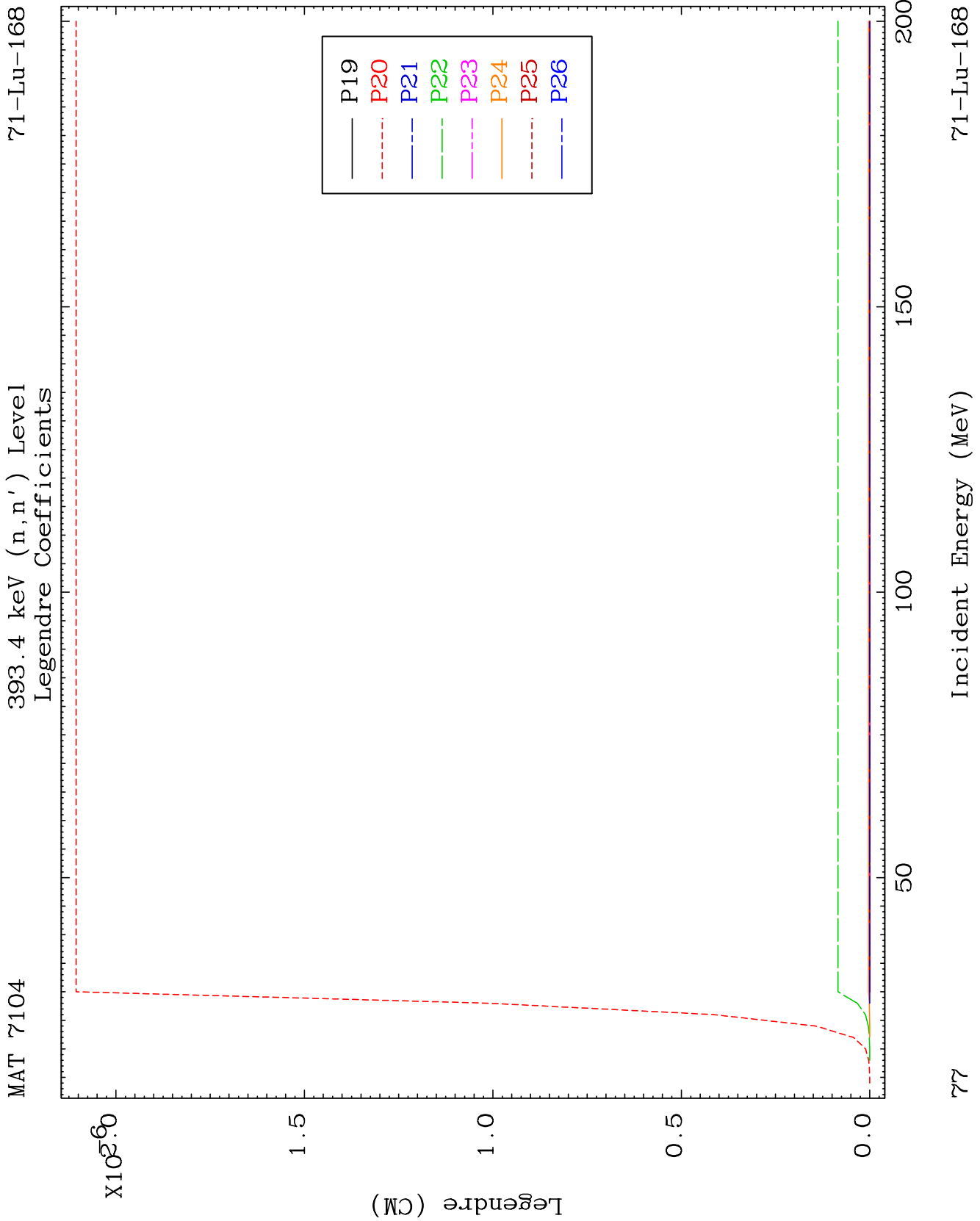
71-Lu-168

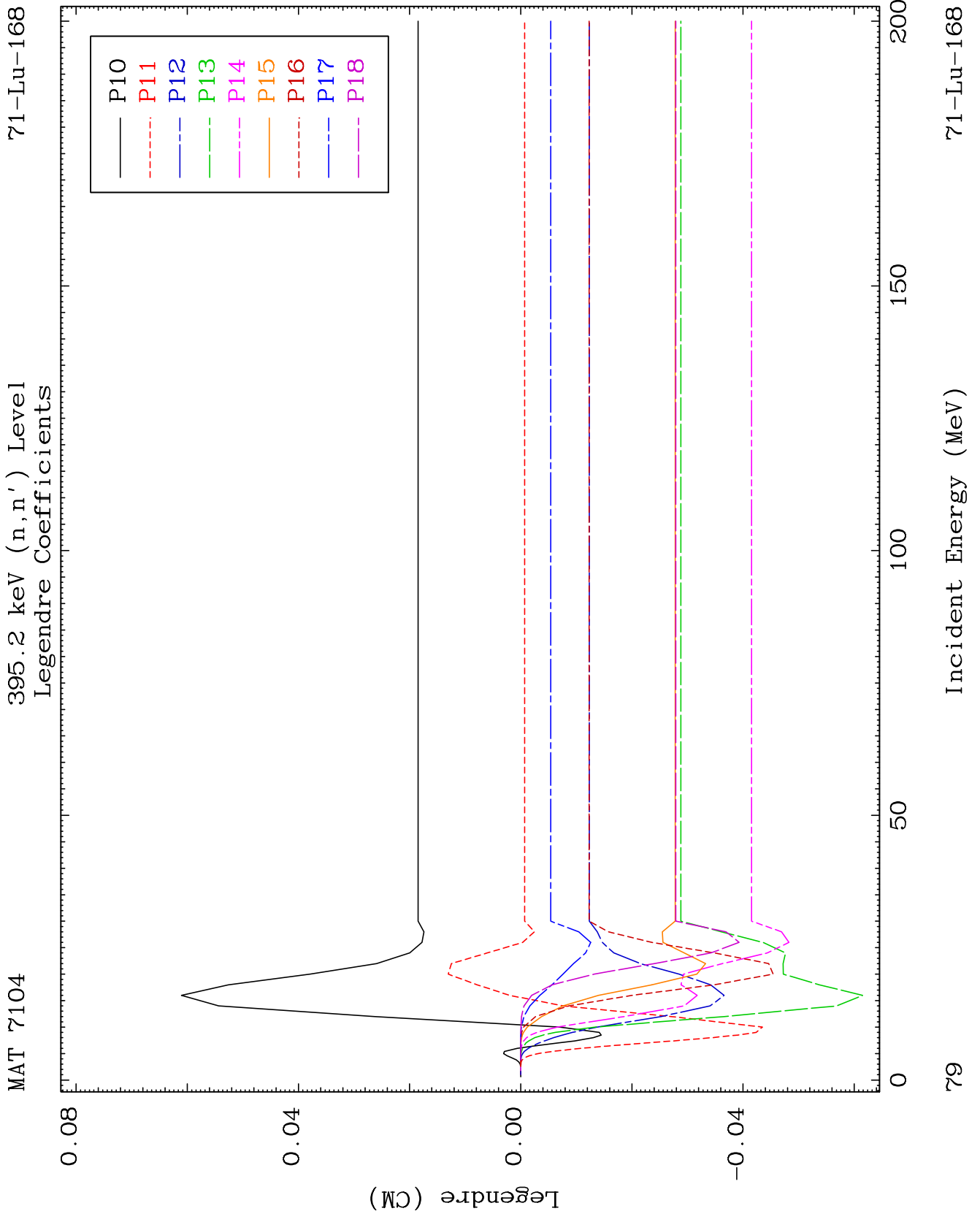


76

Incident Energy (MeV)

71-Lu-168

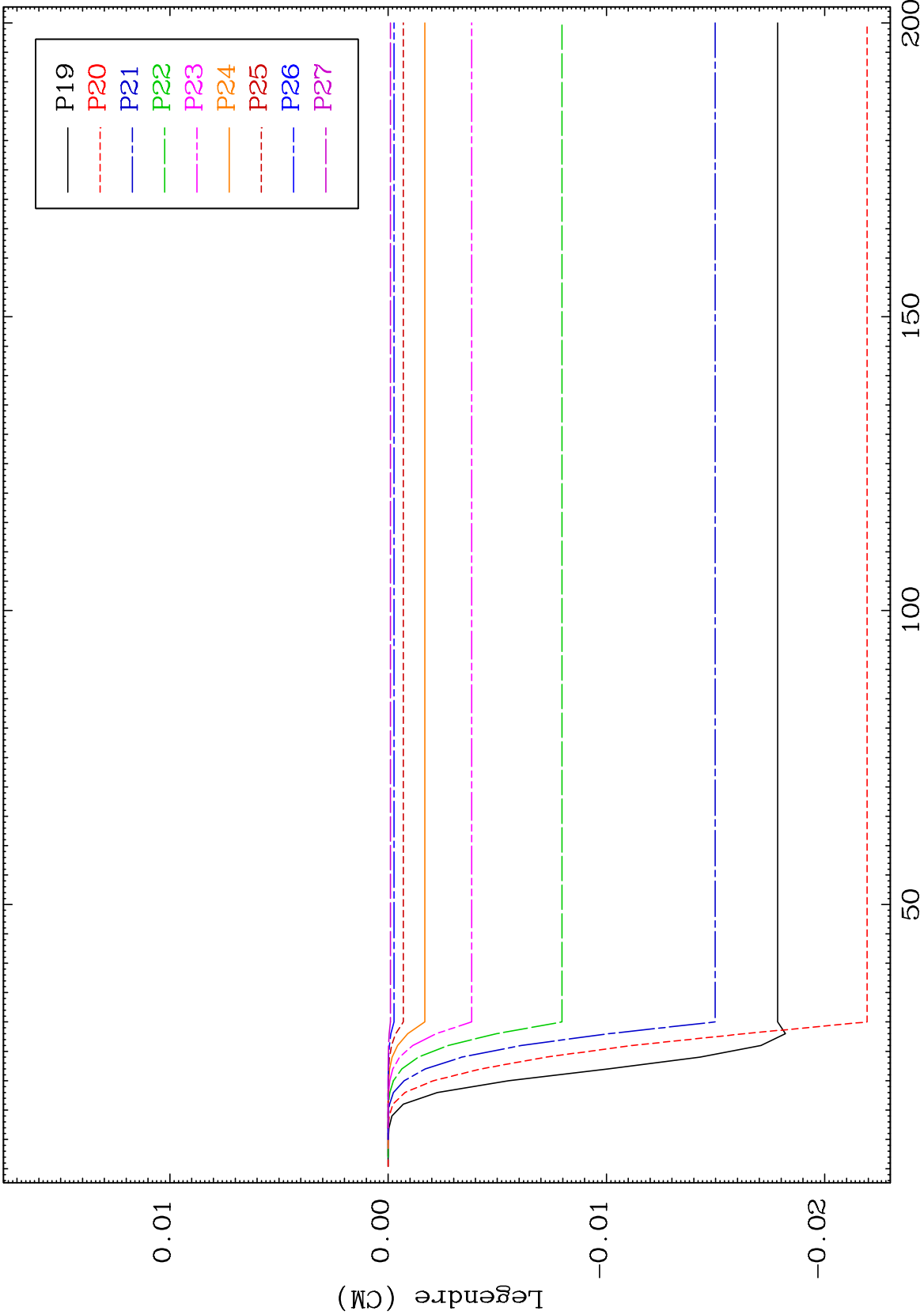




MAT 7104

395.2 keV (n,n') Level Legendre Coefficients

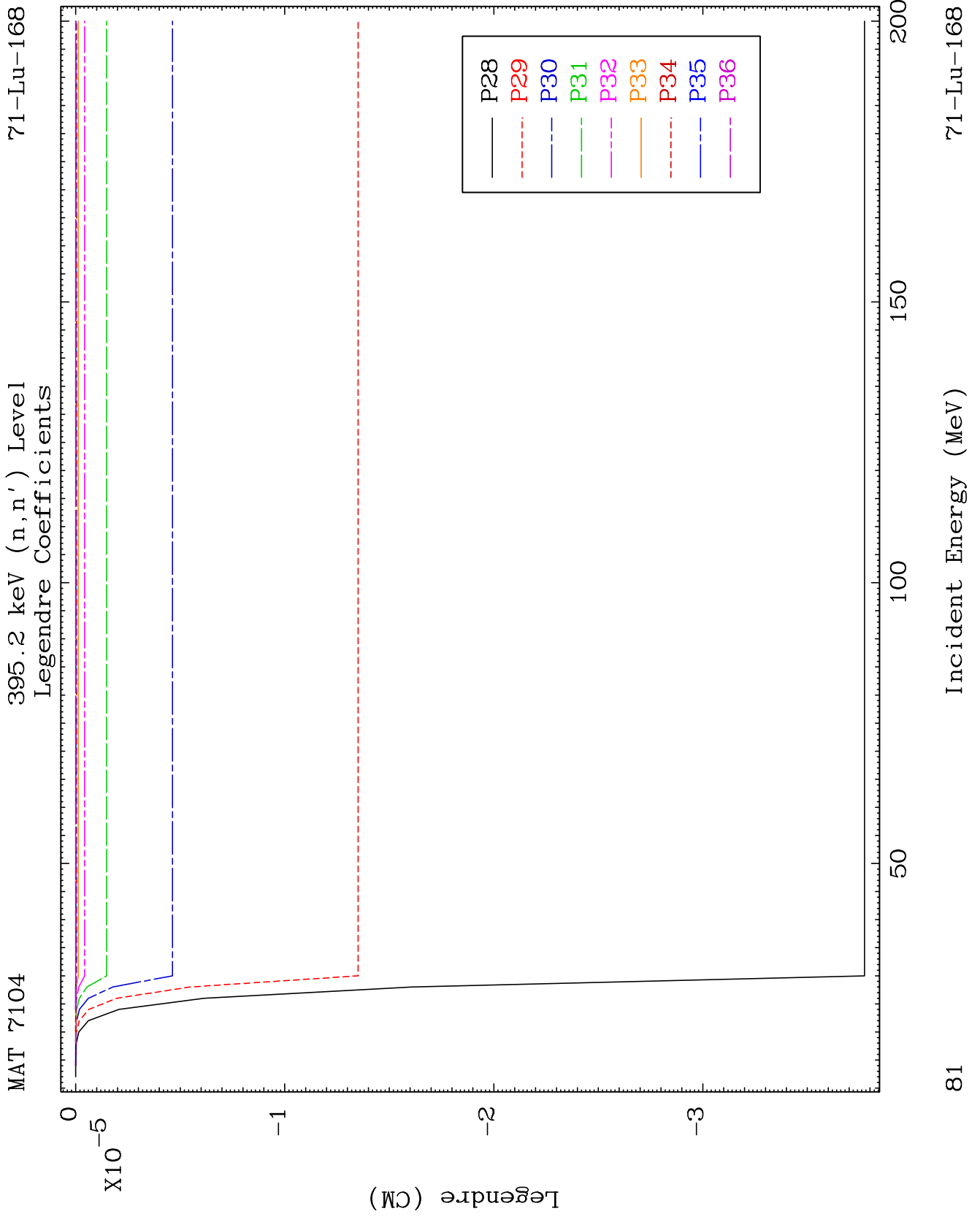
71-Lu-168

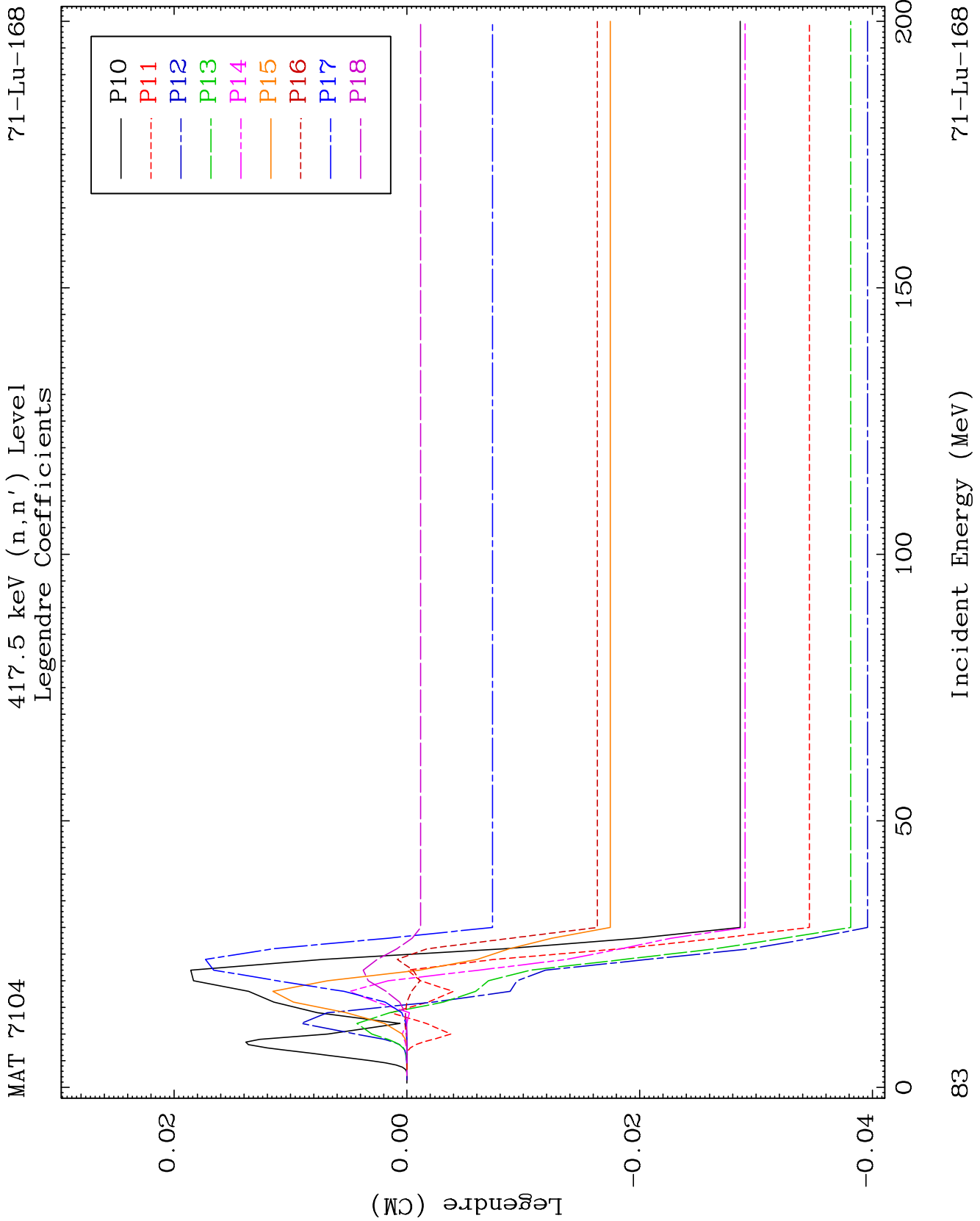


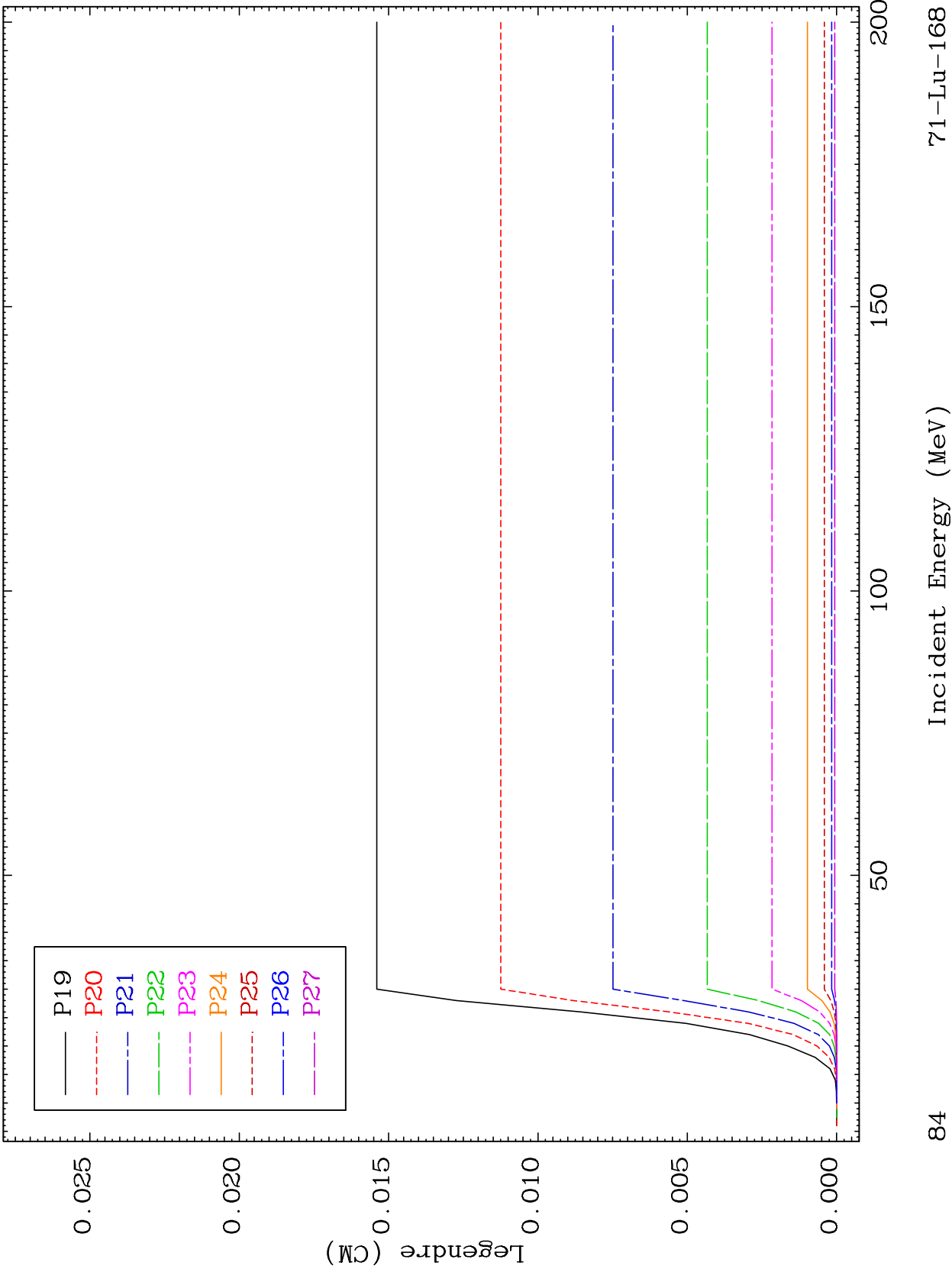
80

Incident Energy (MeV)

71-Lu-168



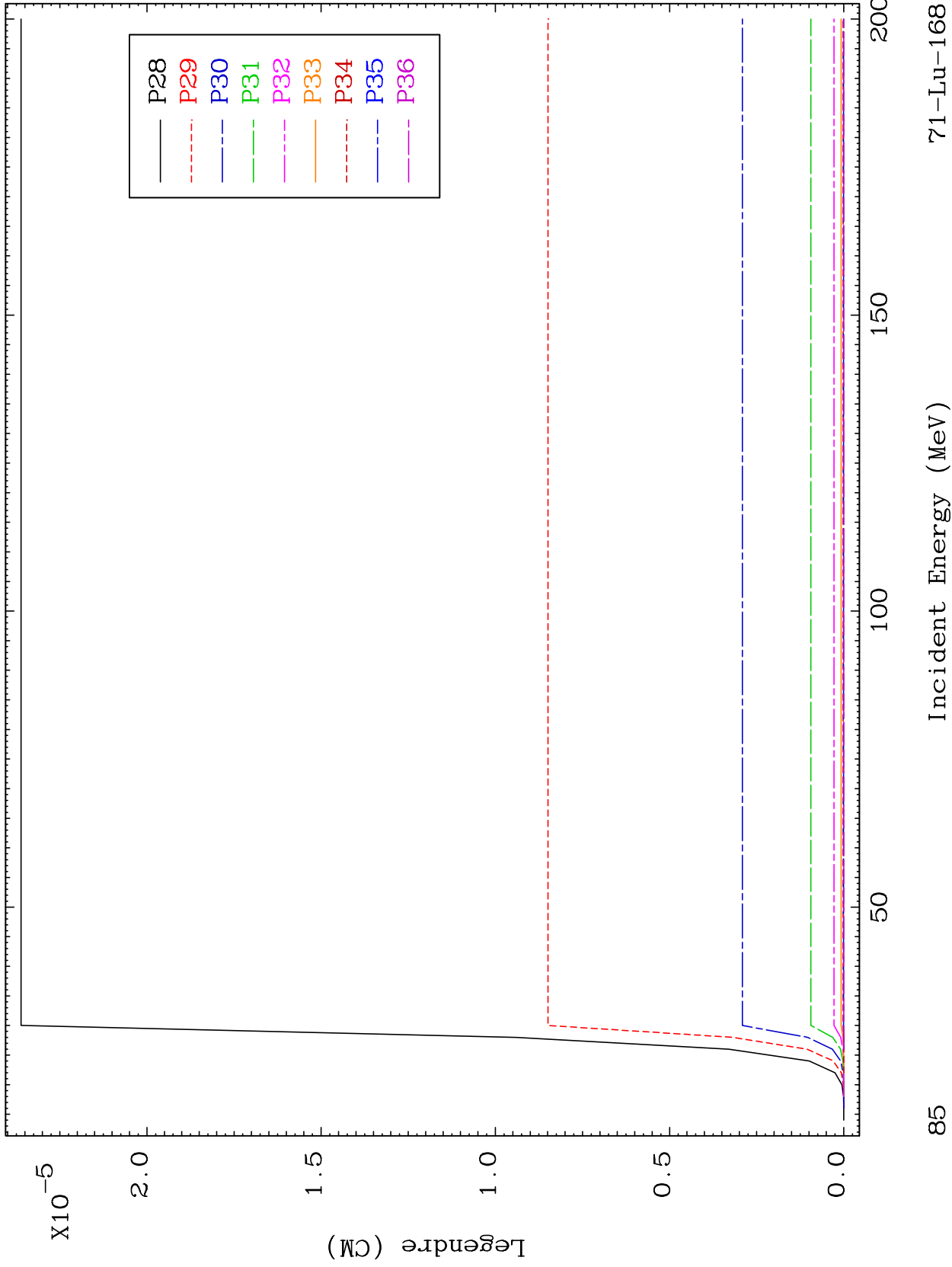




MAT 7104

417.5 keV (n, n') Level
Legendre Coefficients

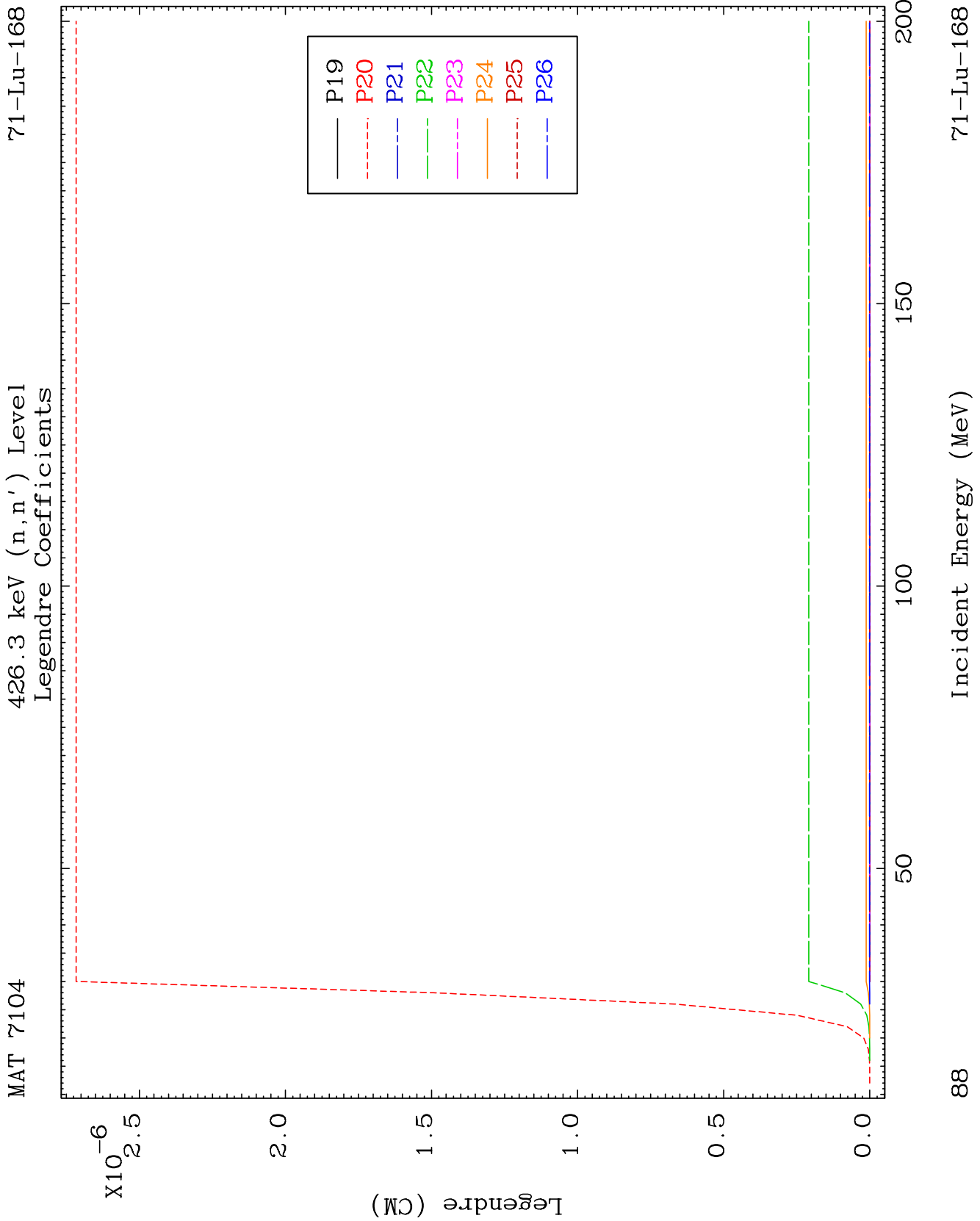
71-Lu-168

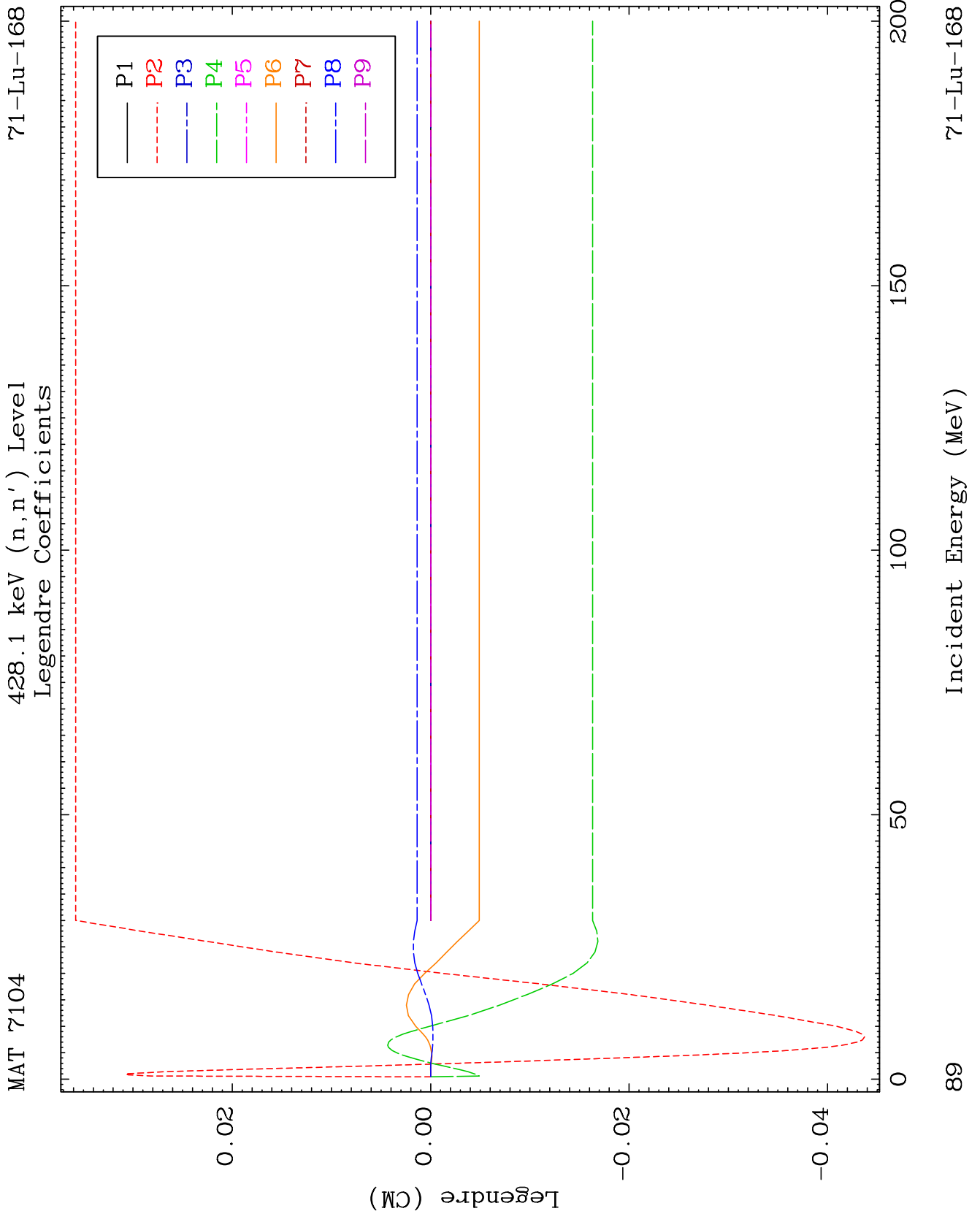


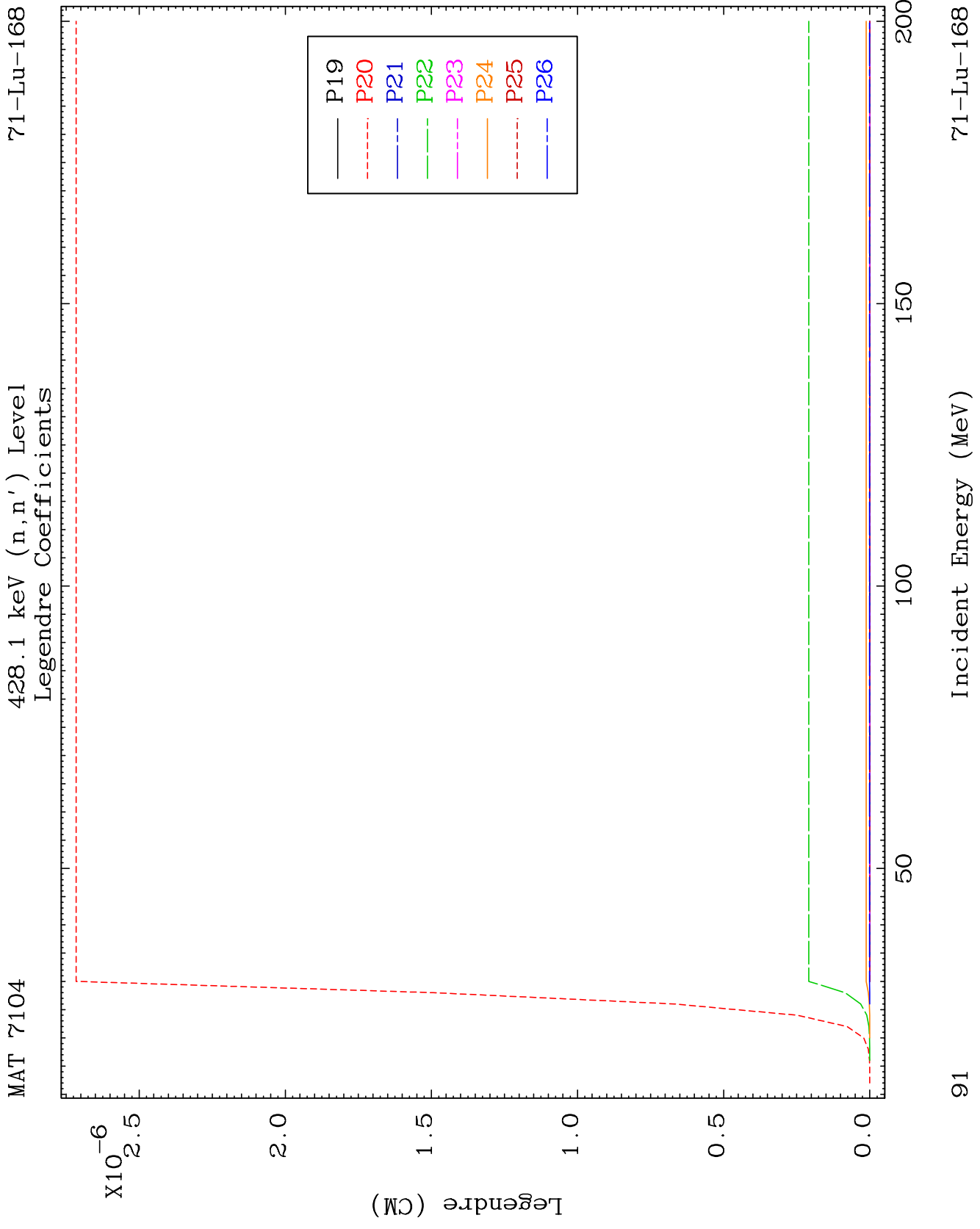
85

Incident Energy (MeV)

71-Lu-168



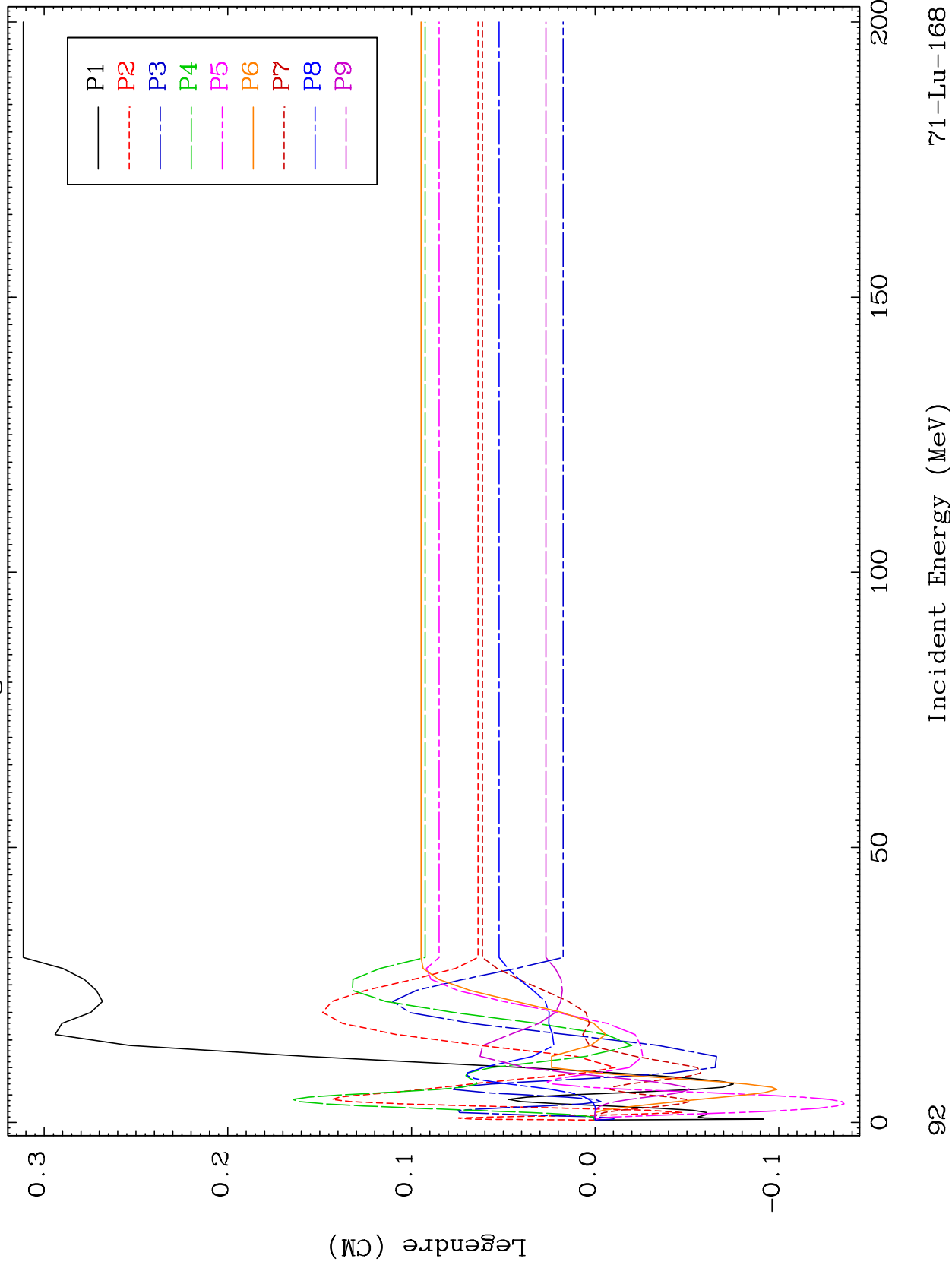




MAT 7104

431.3 keV (n,n') Level
Legendre Coefficients

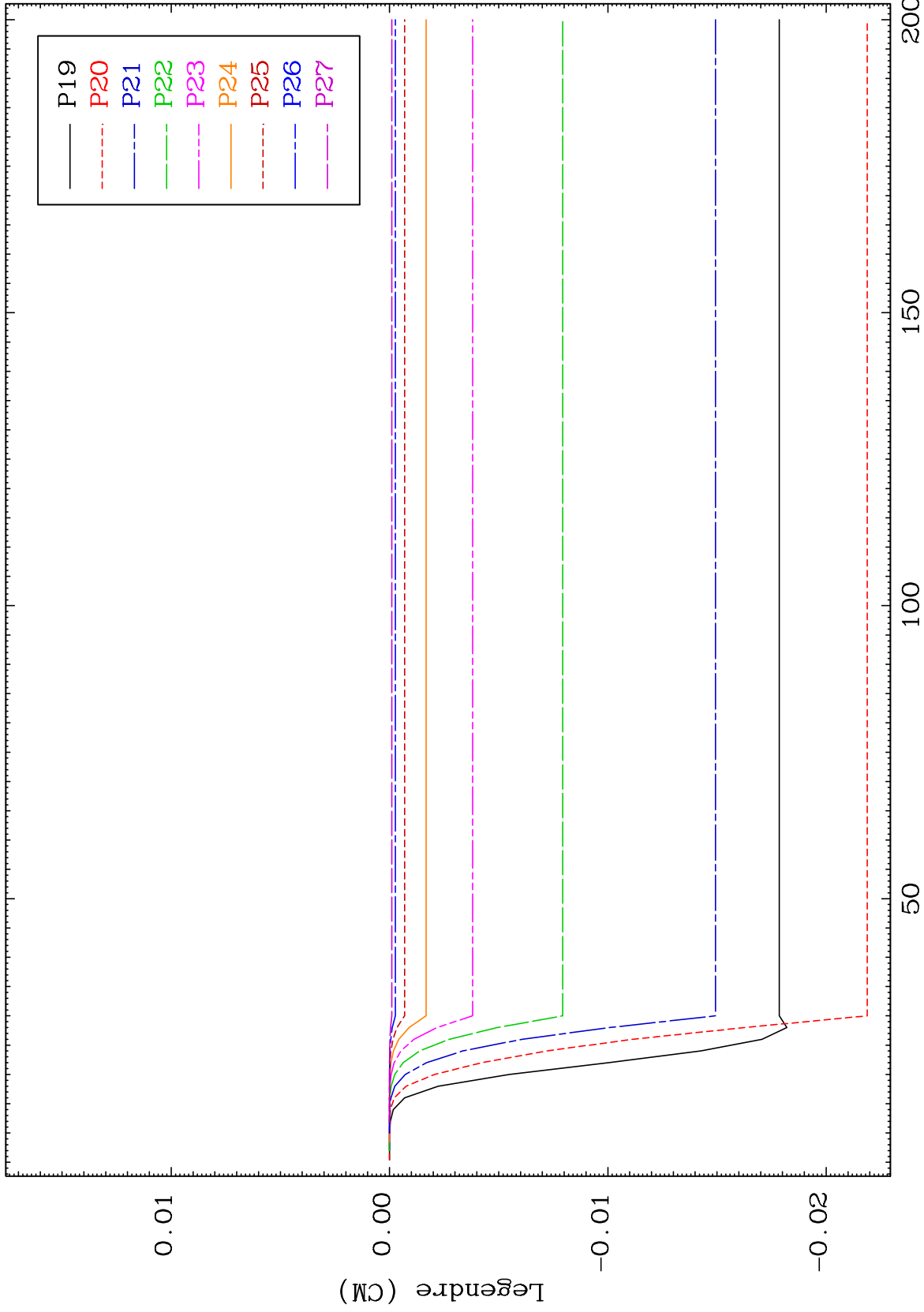
71-Lu-168

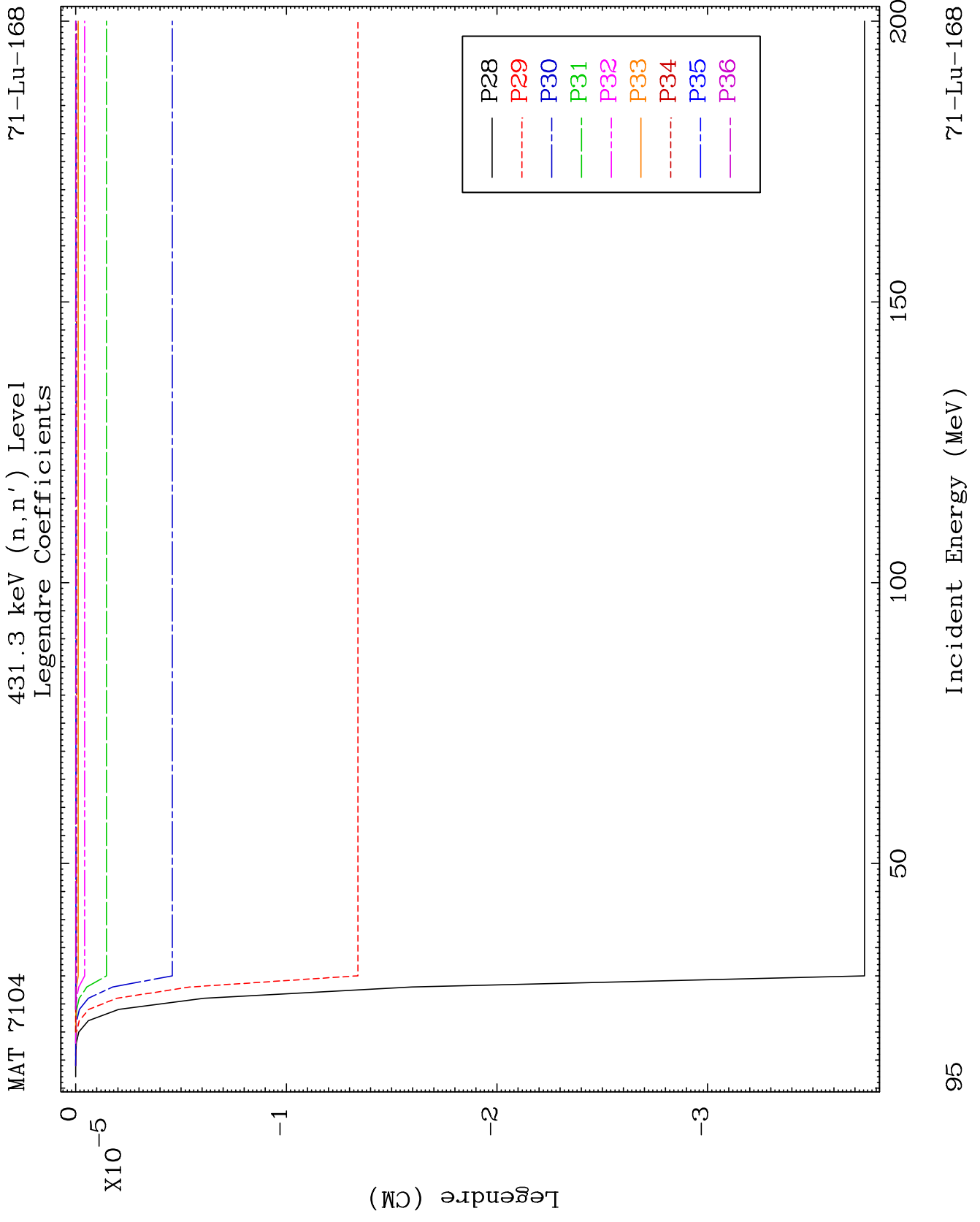


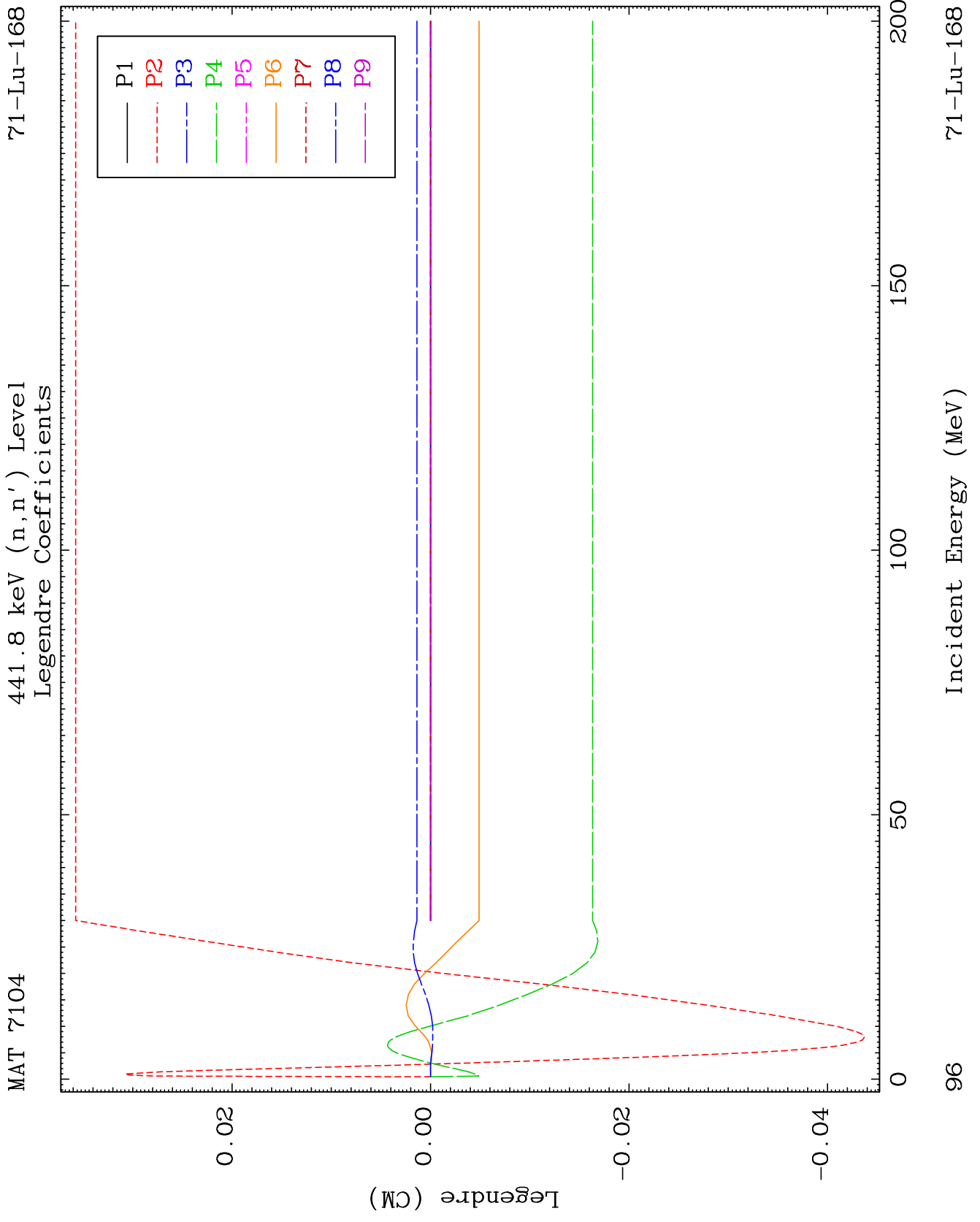
71-Lu-168

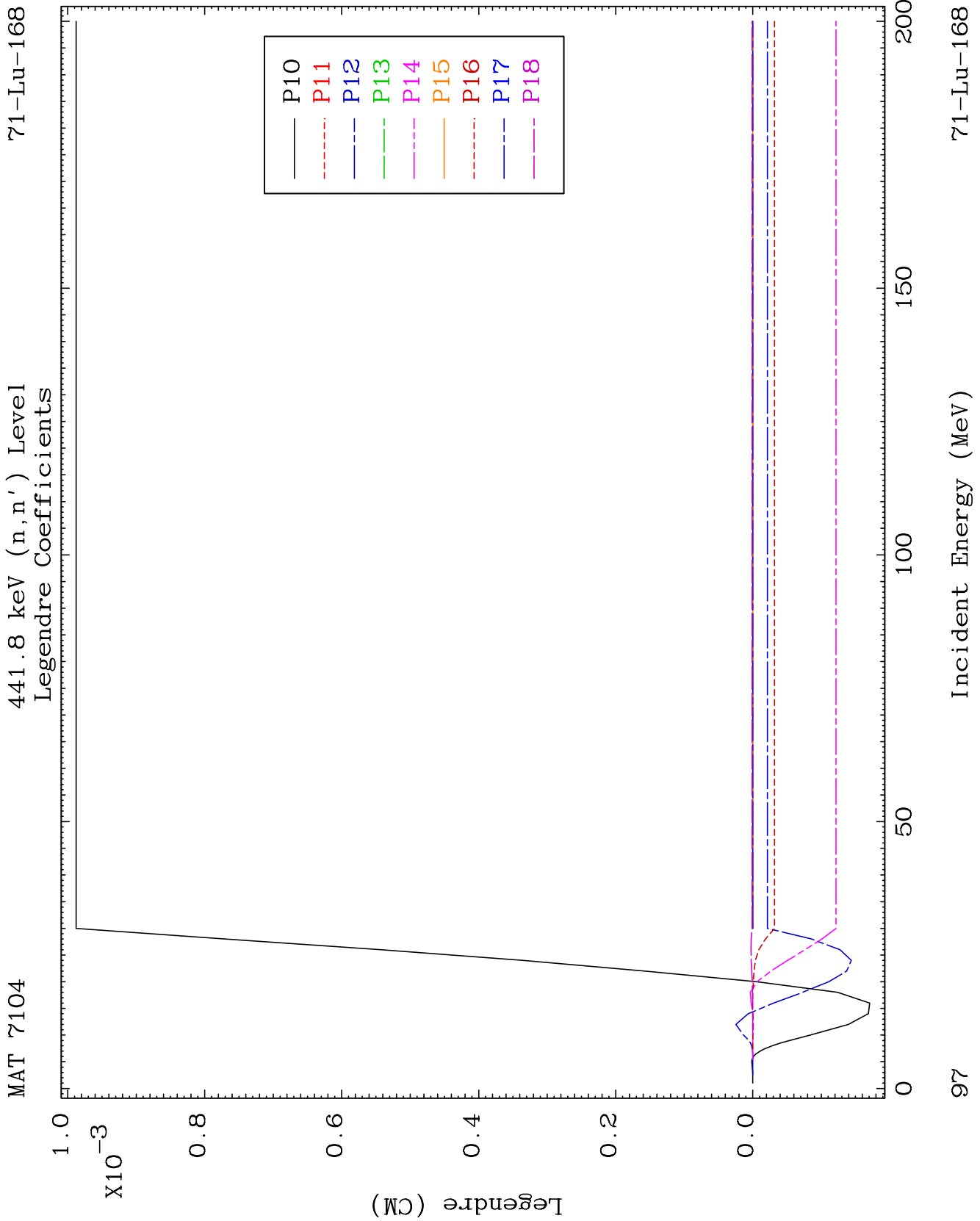
Incident Energy (MeV)

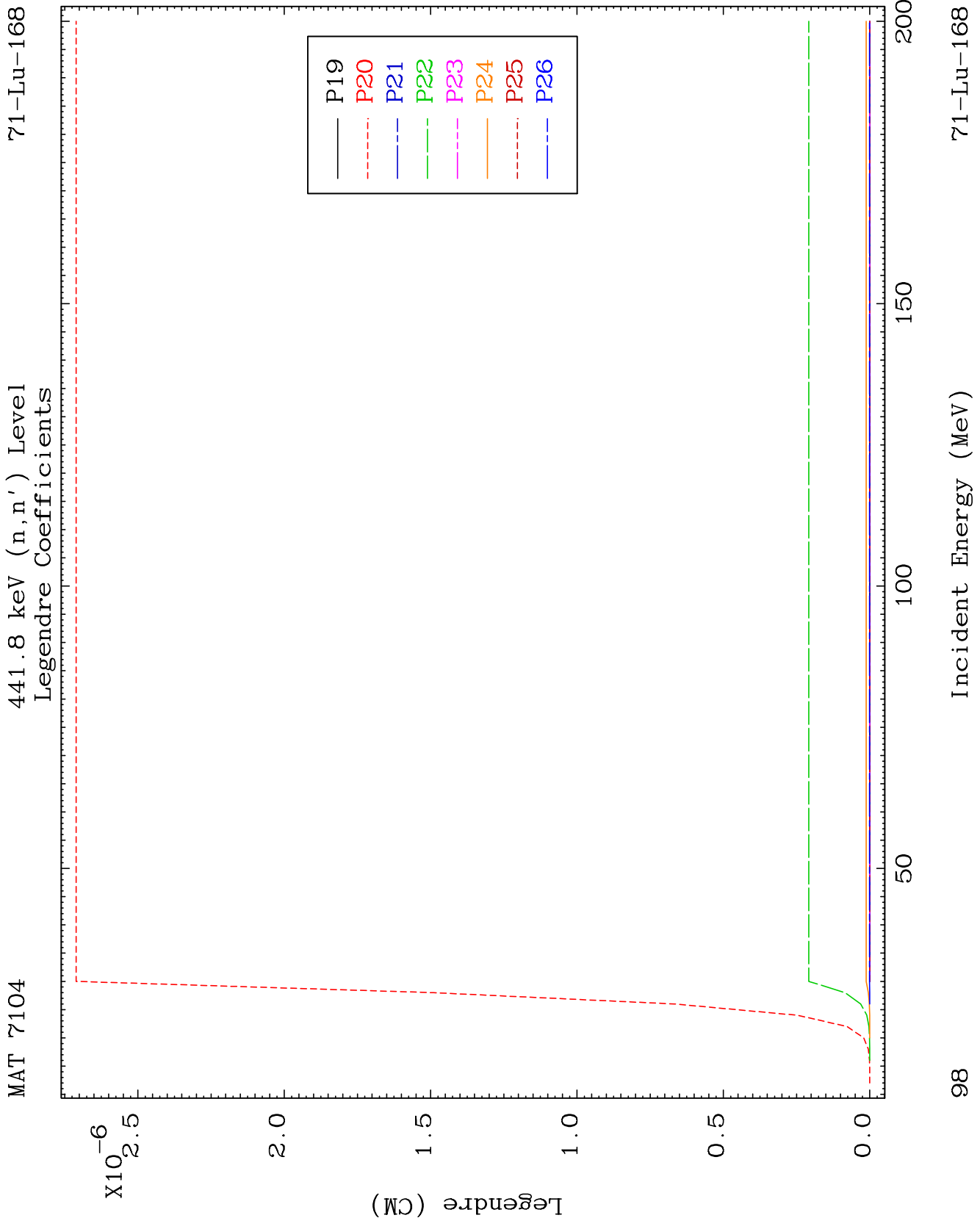
92







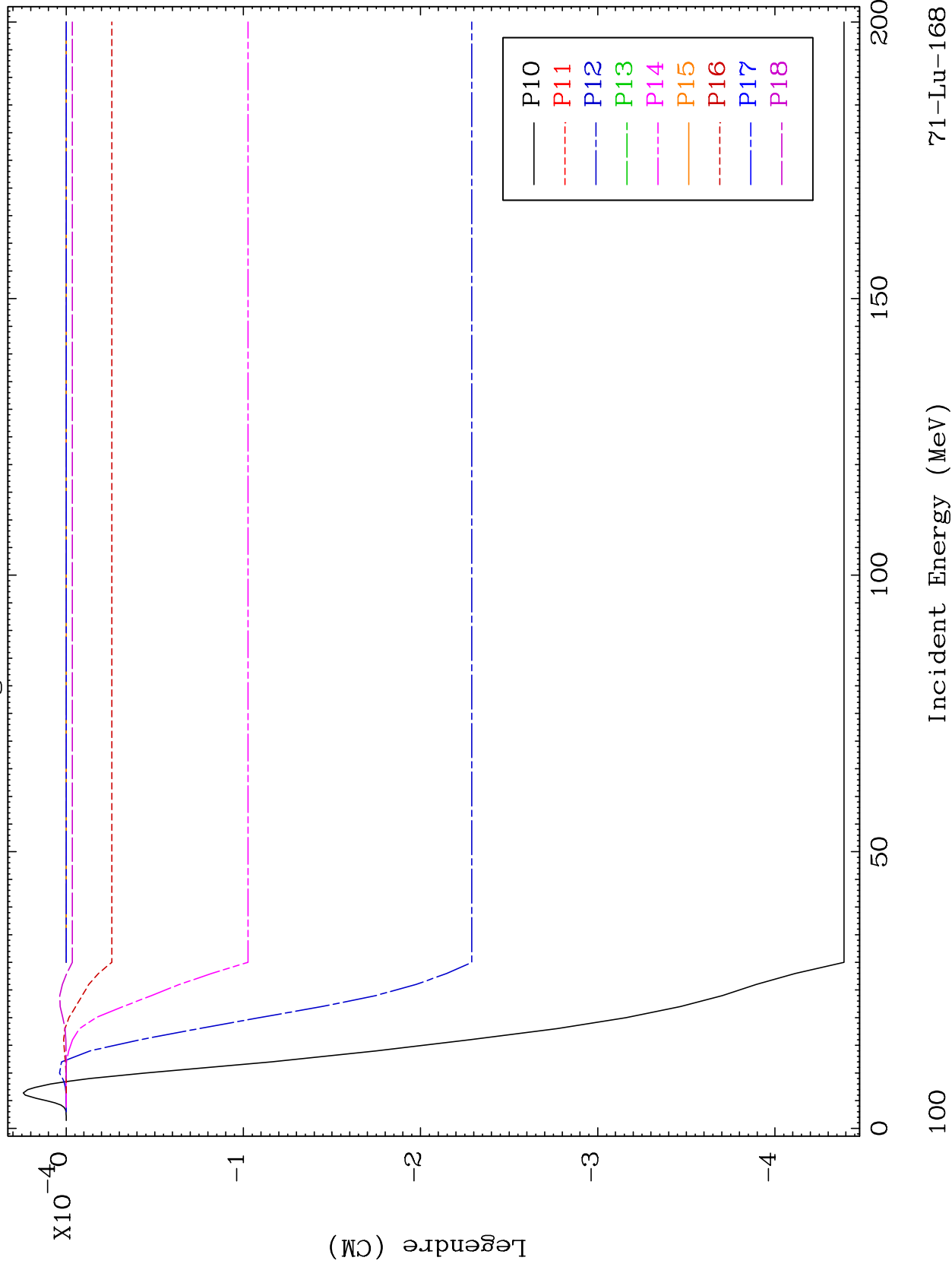




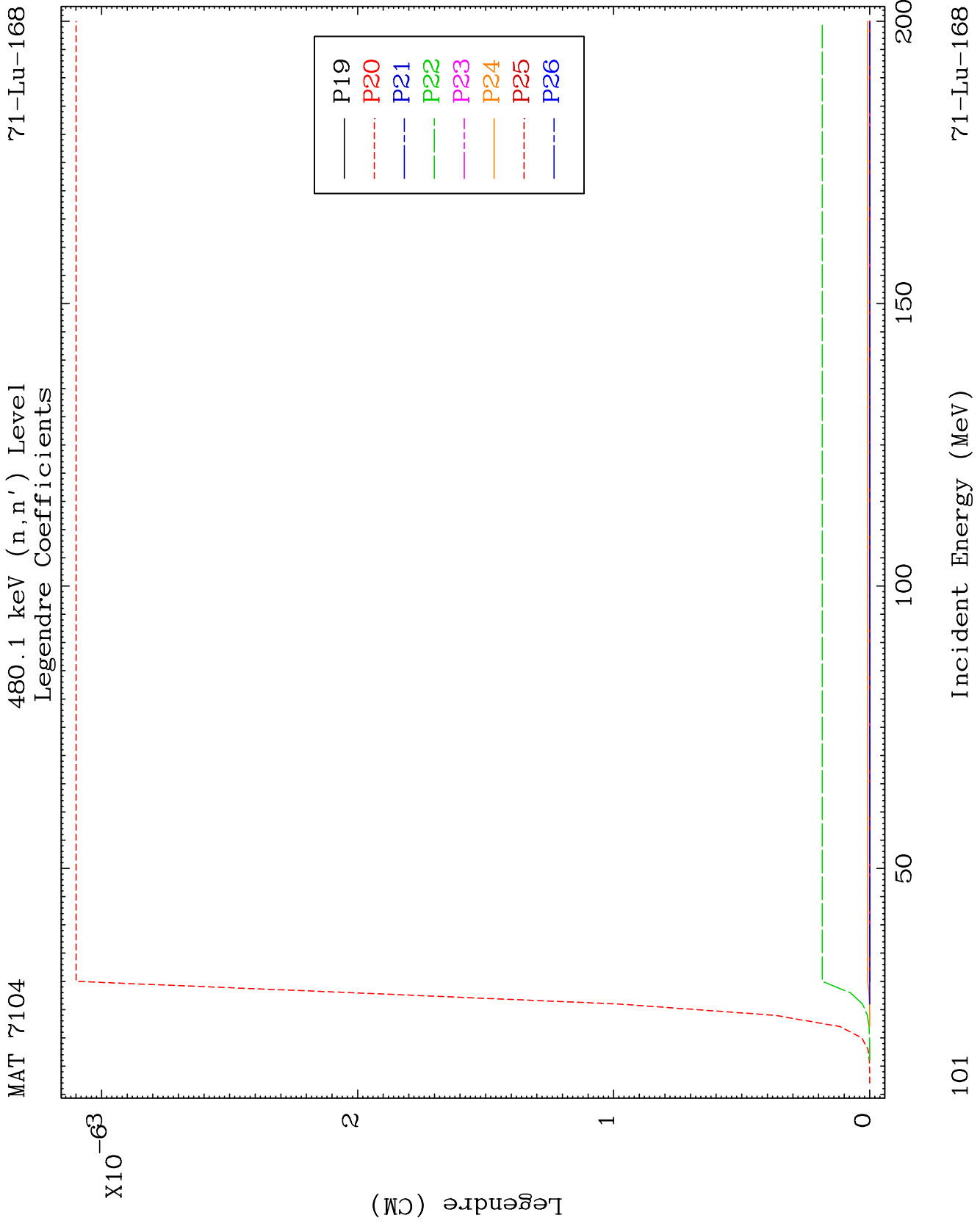
MAT 7104

480.1 keV (n,n') Level
Legendre Coefficients

71-Lu-168



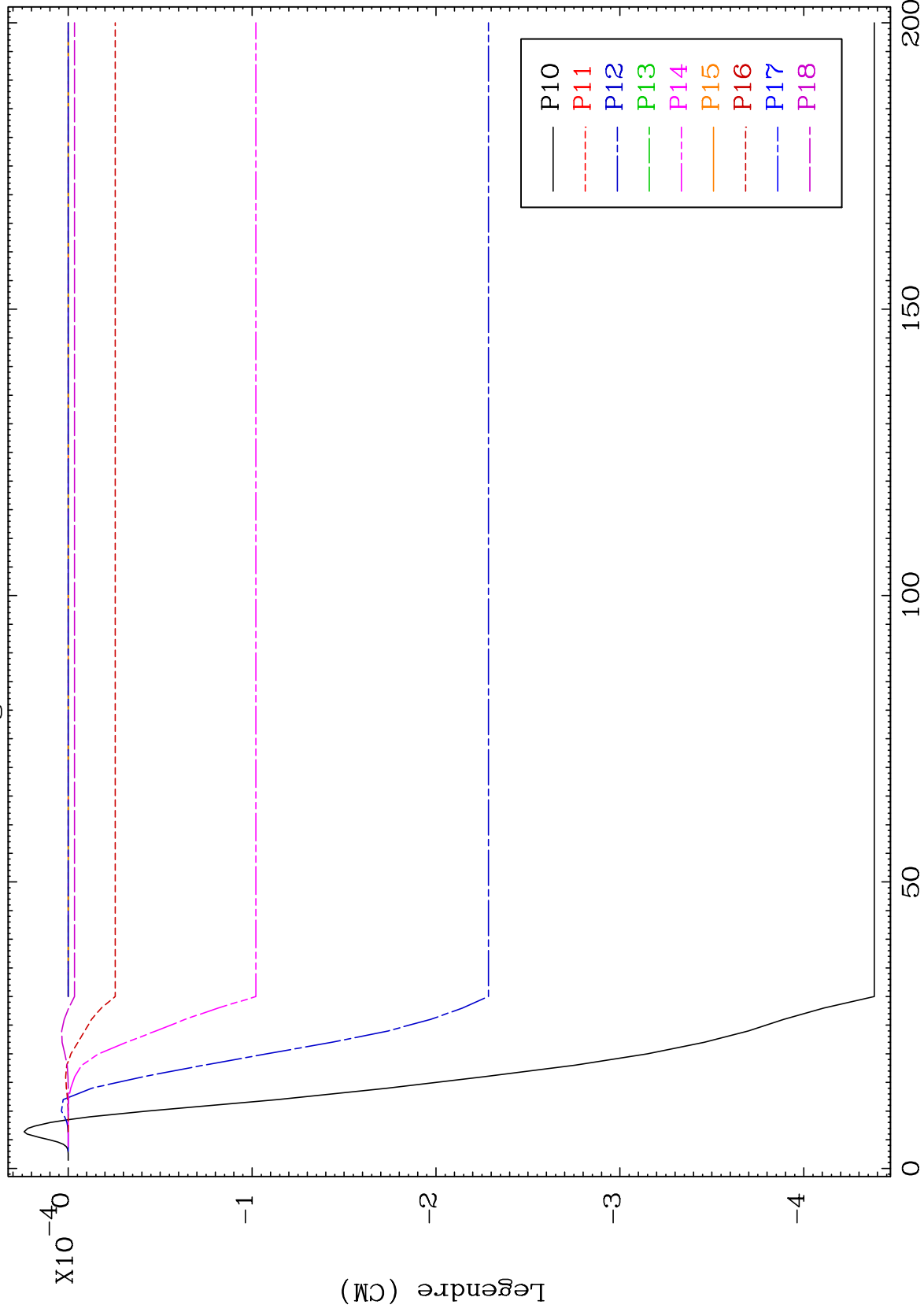
71-Lu-168



MAT 7104

584.3 keV (n,n') Level
Legendre Coefficients

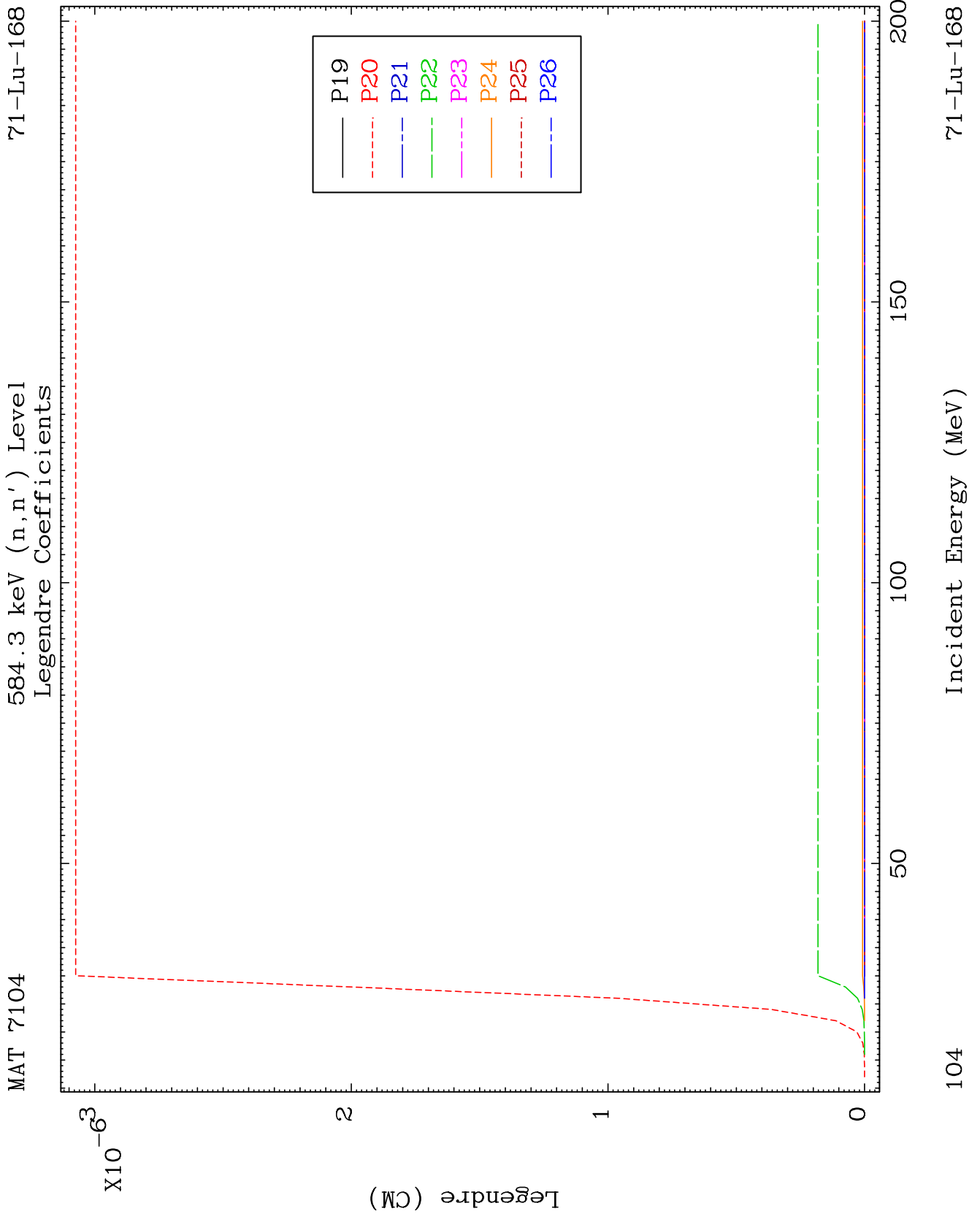
71-Lu-168

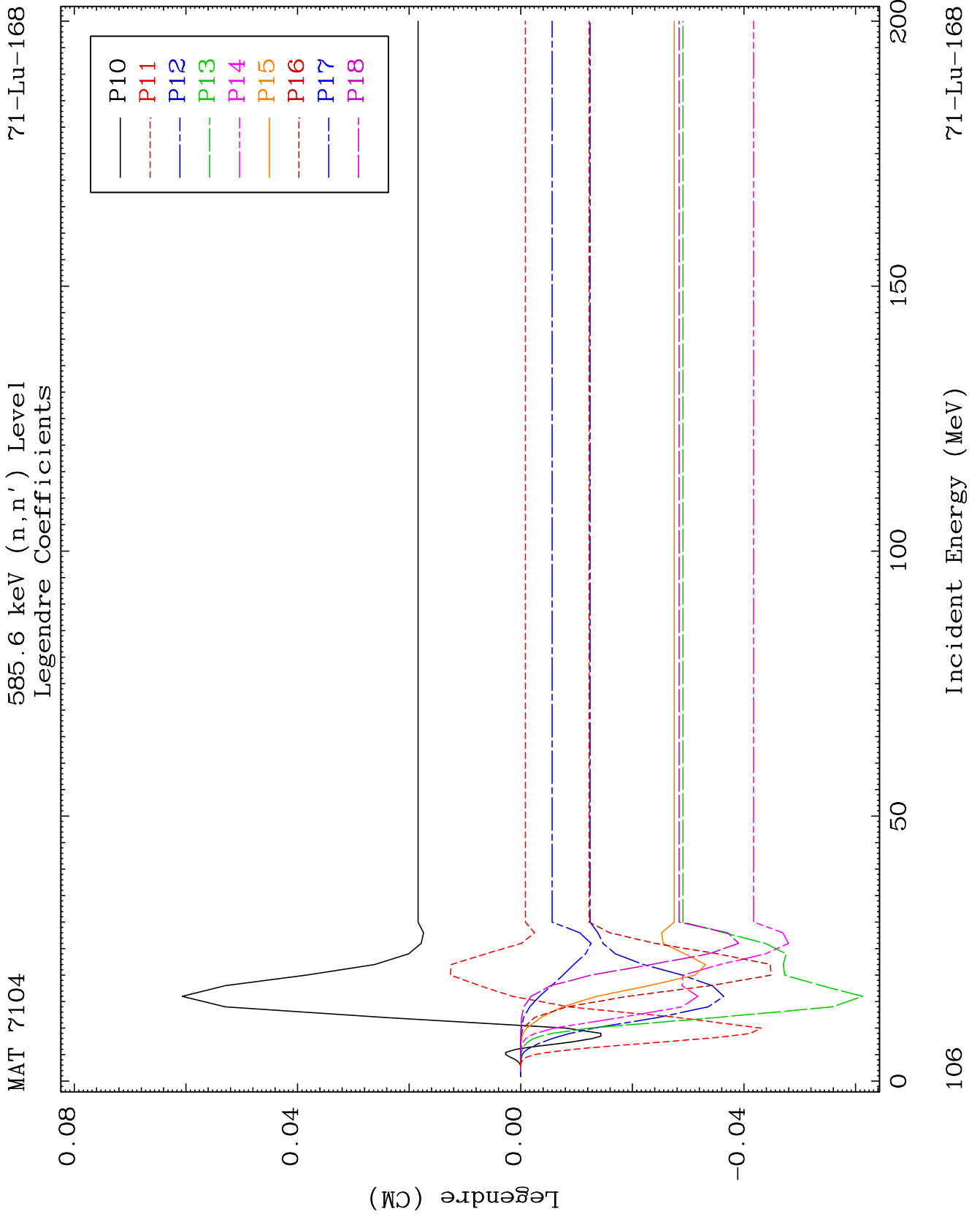


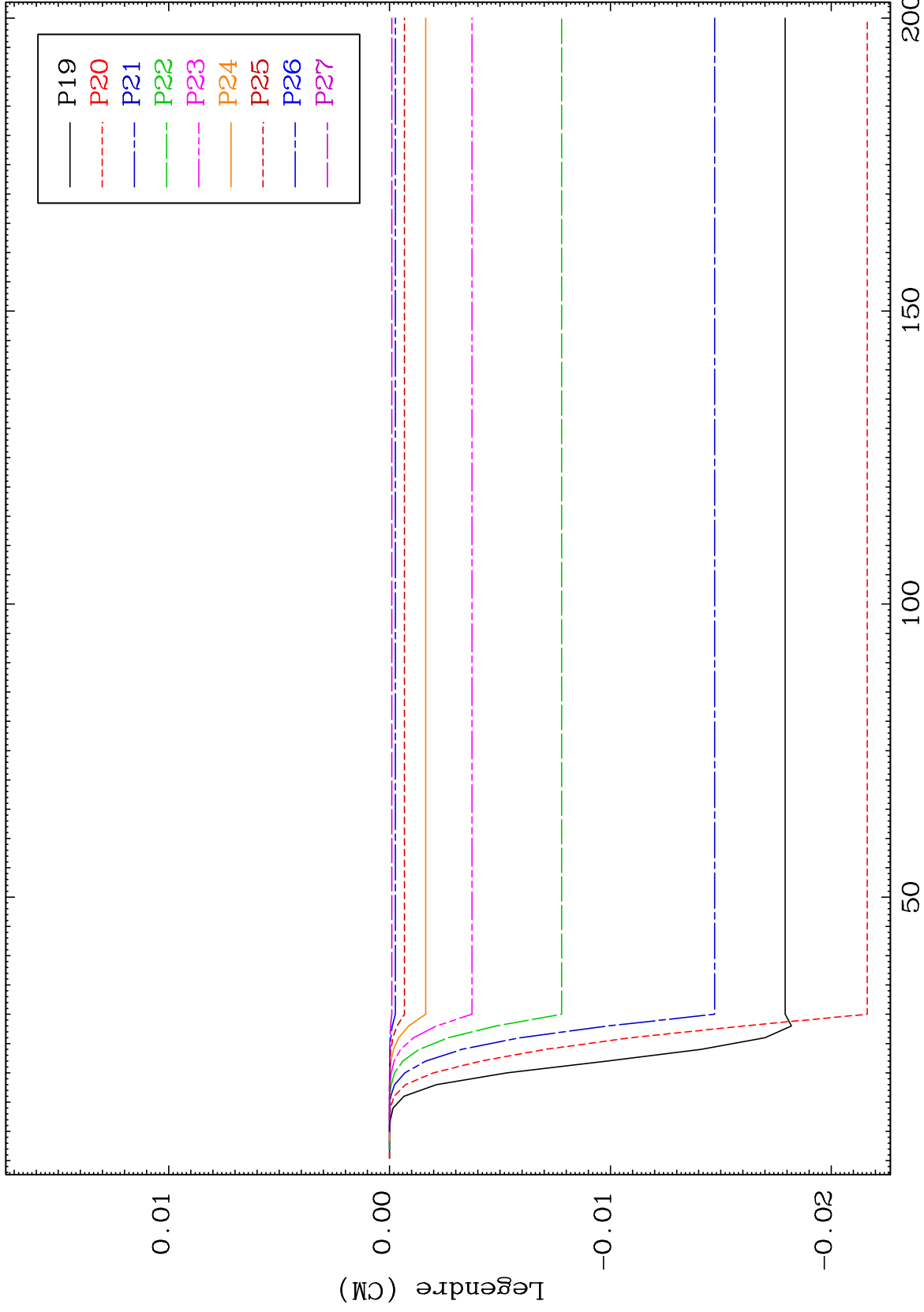
103

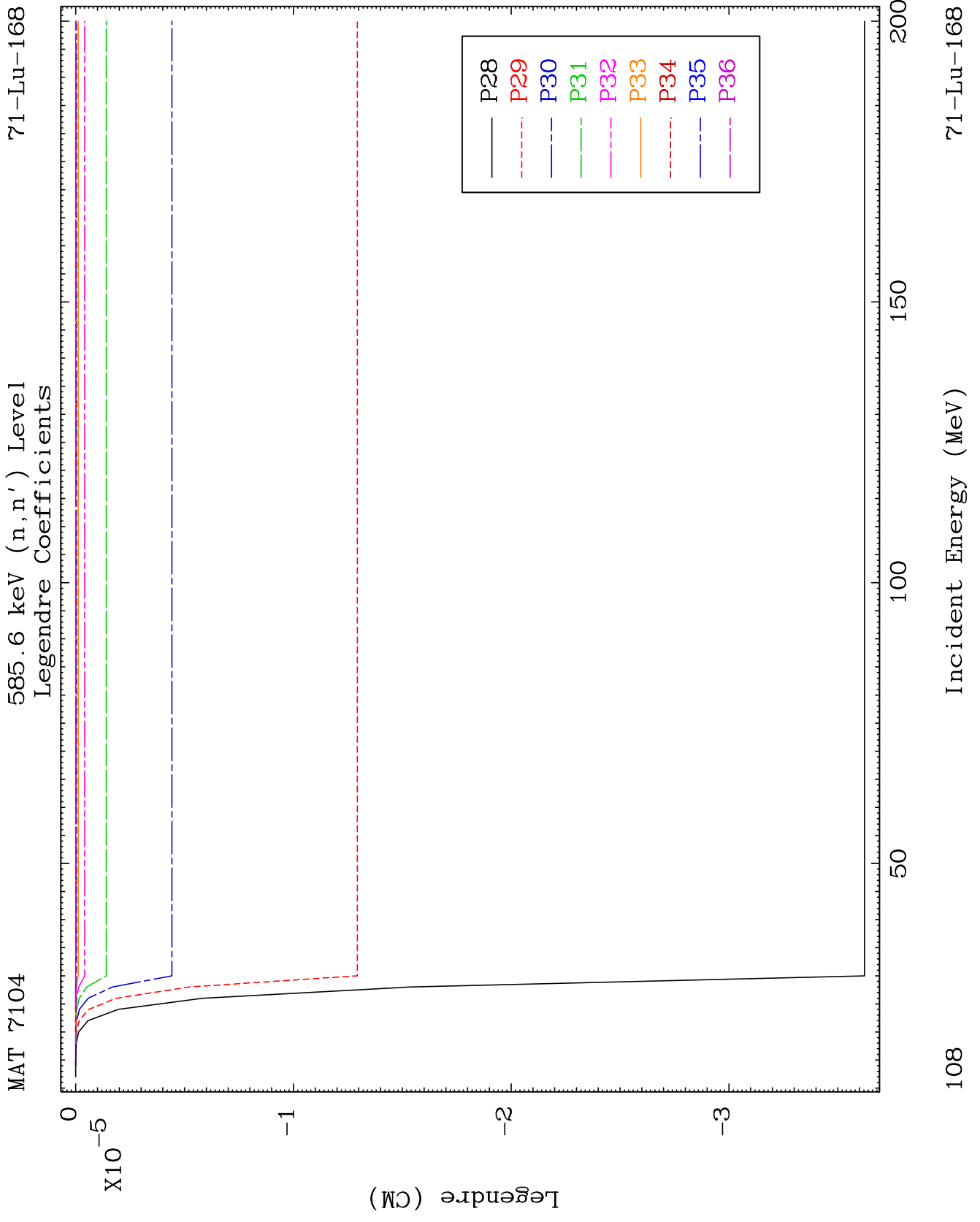
Incident Energy (MeV)

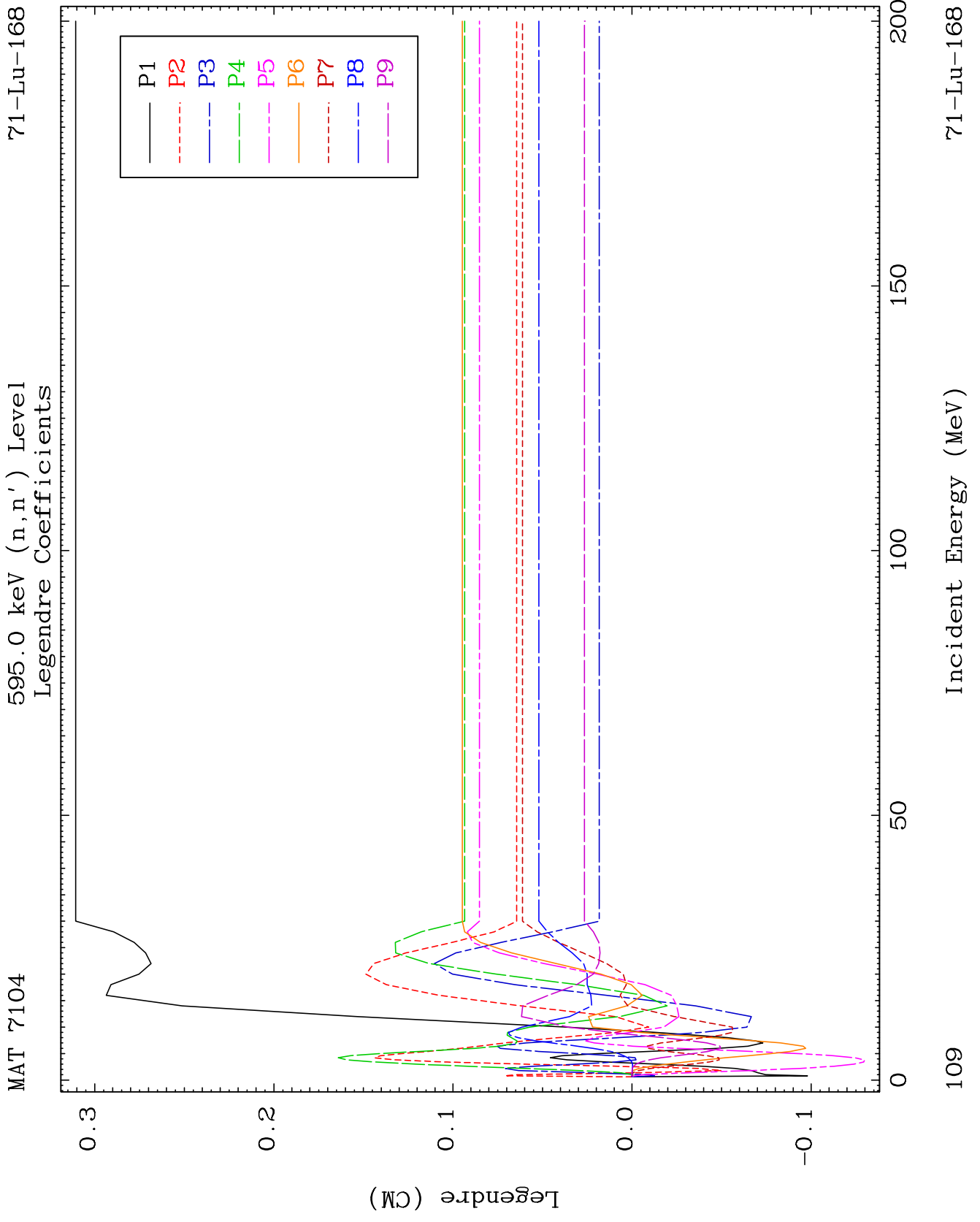
71-Lu-168

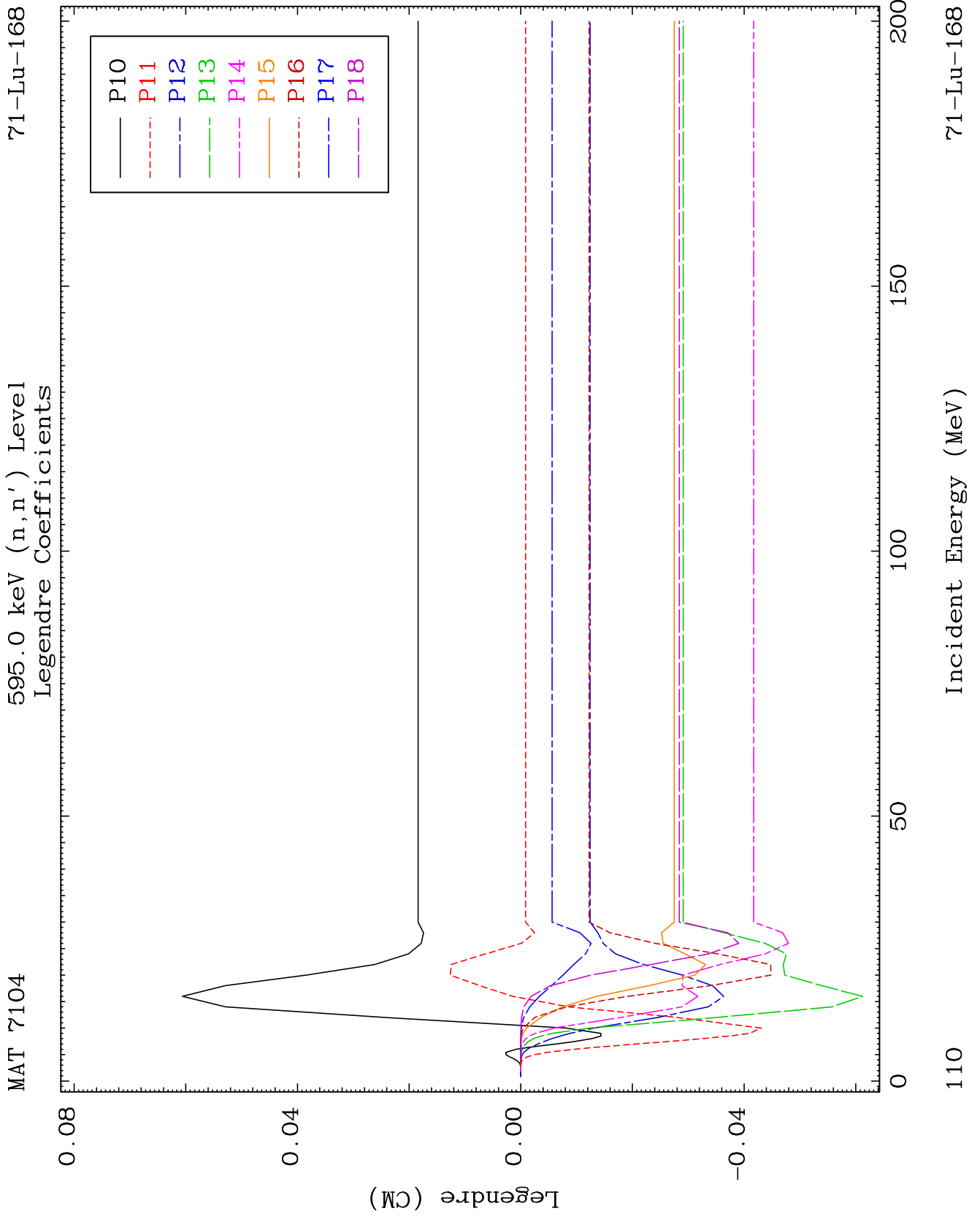








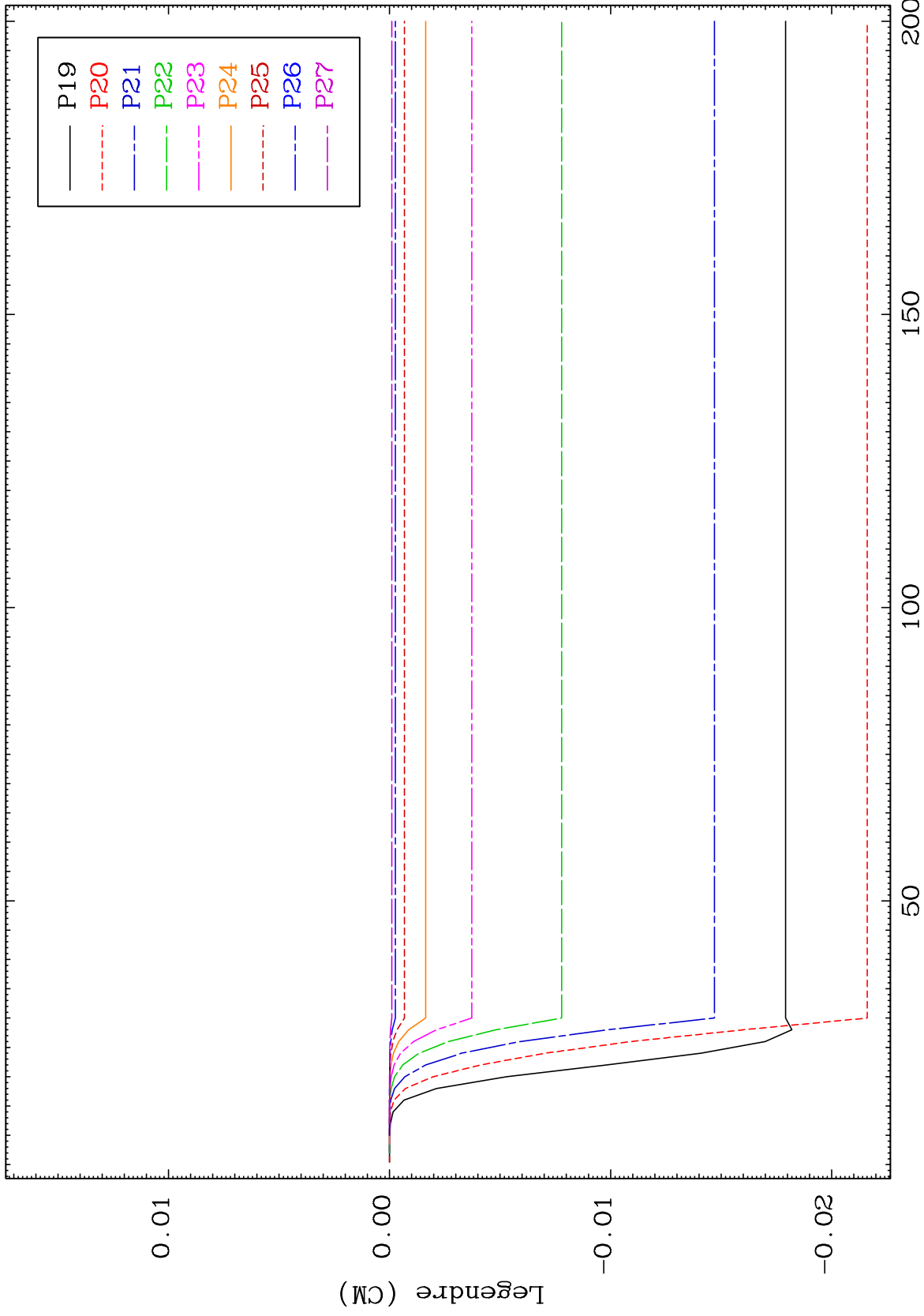




MAT 7104

595.0 keV (n,n') Level
Legendre Coefficients

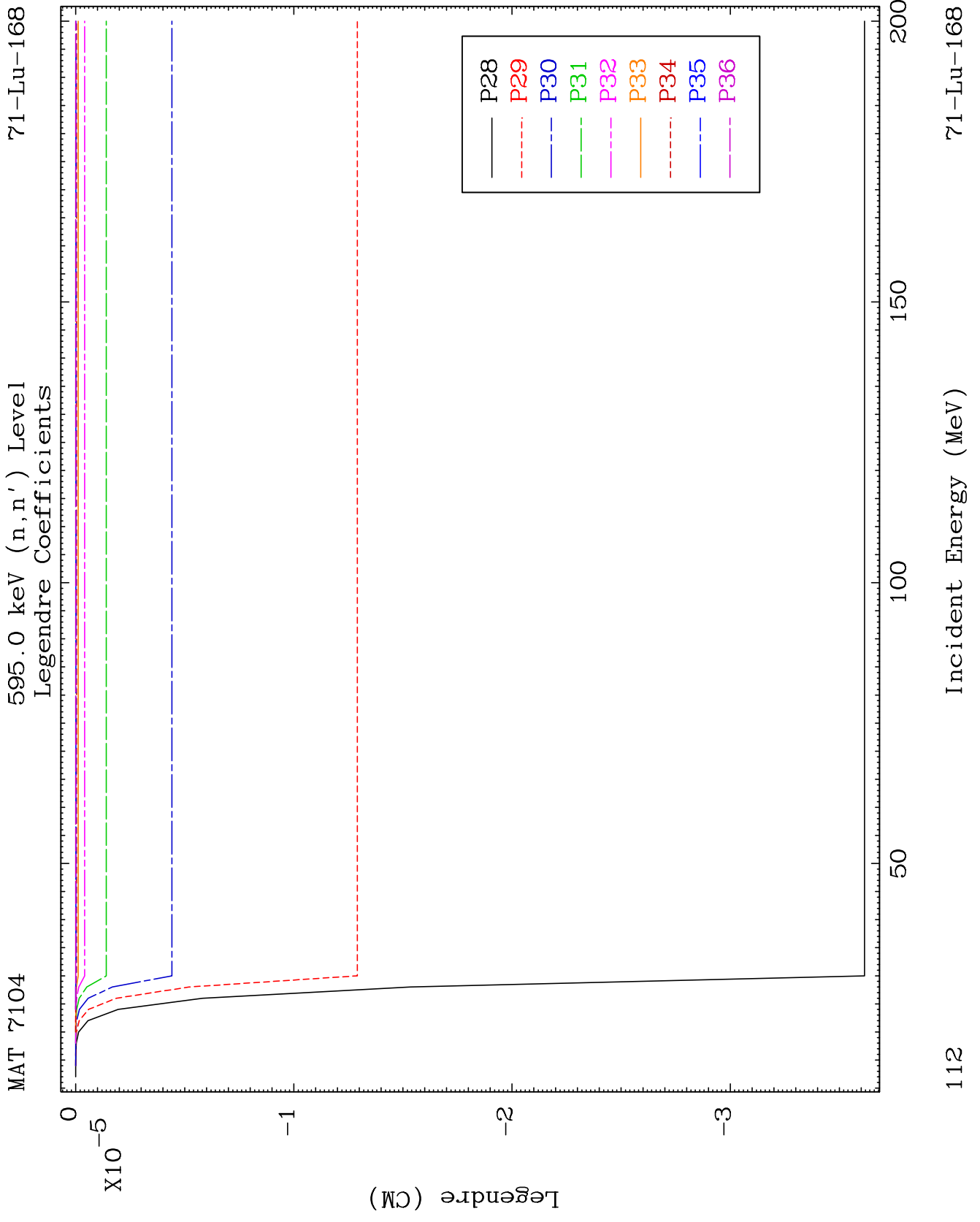
71-Lu-168

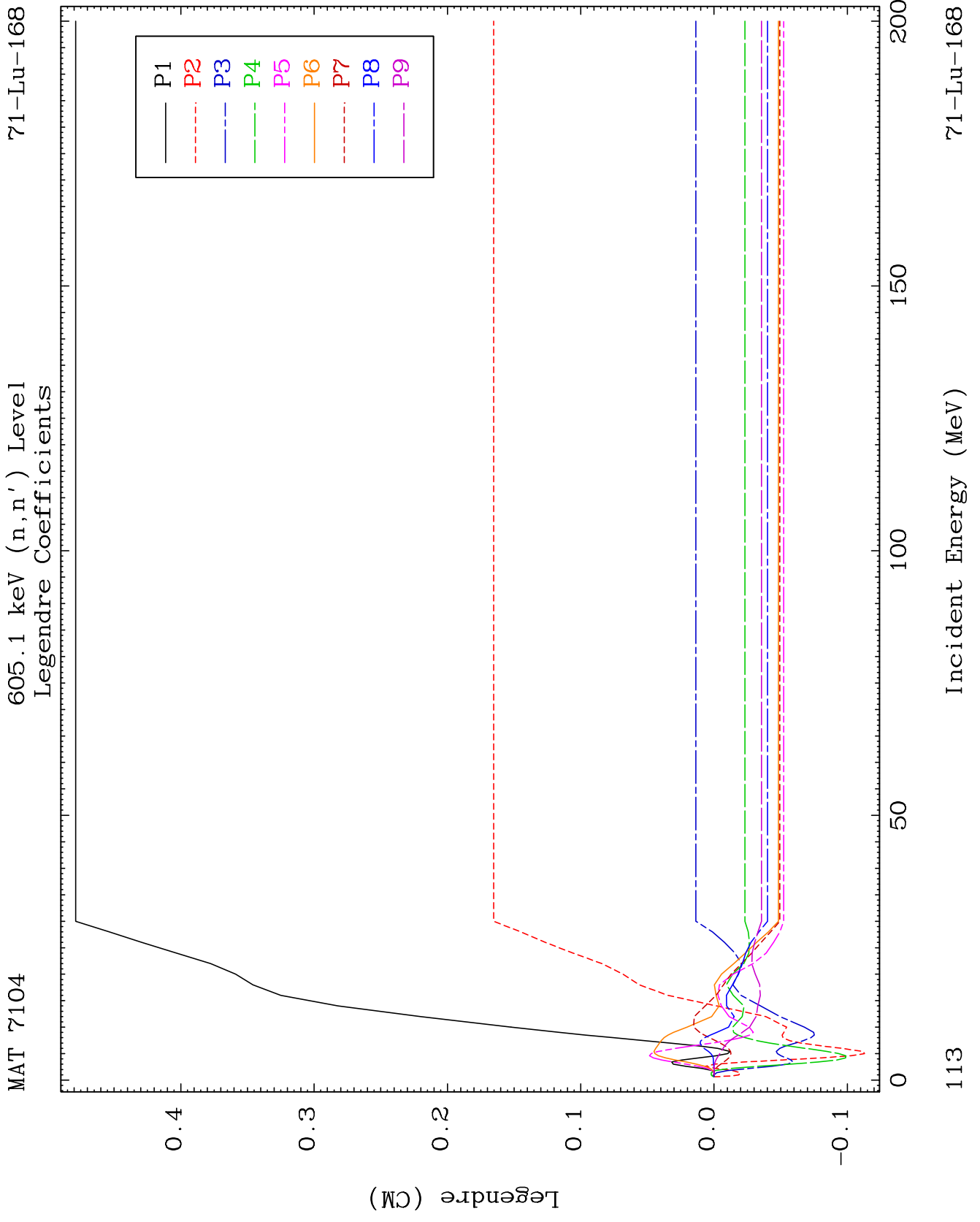


111

Incident Energy (MeV)

71-Lu-168

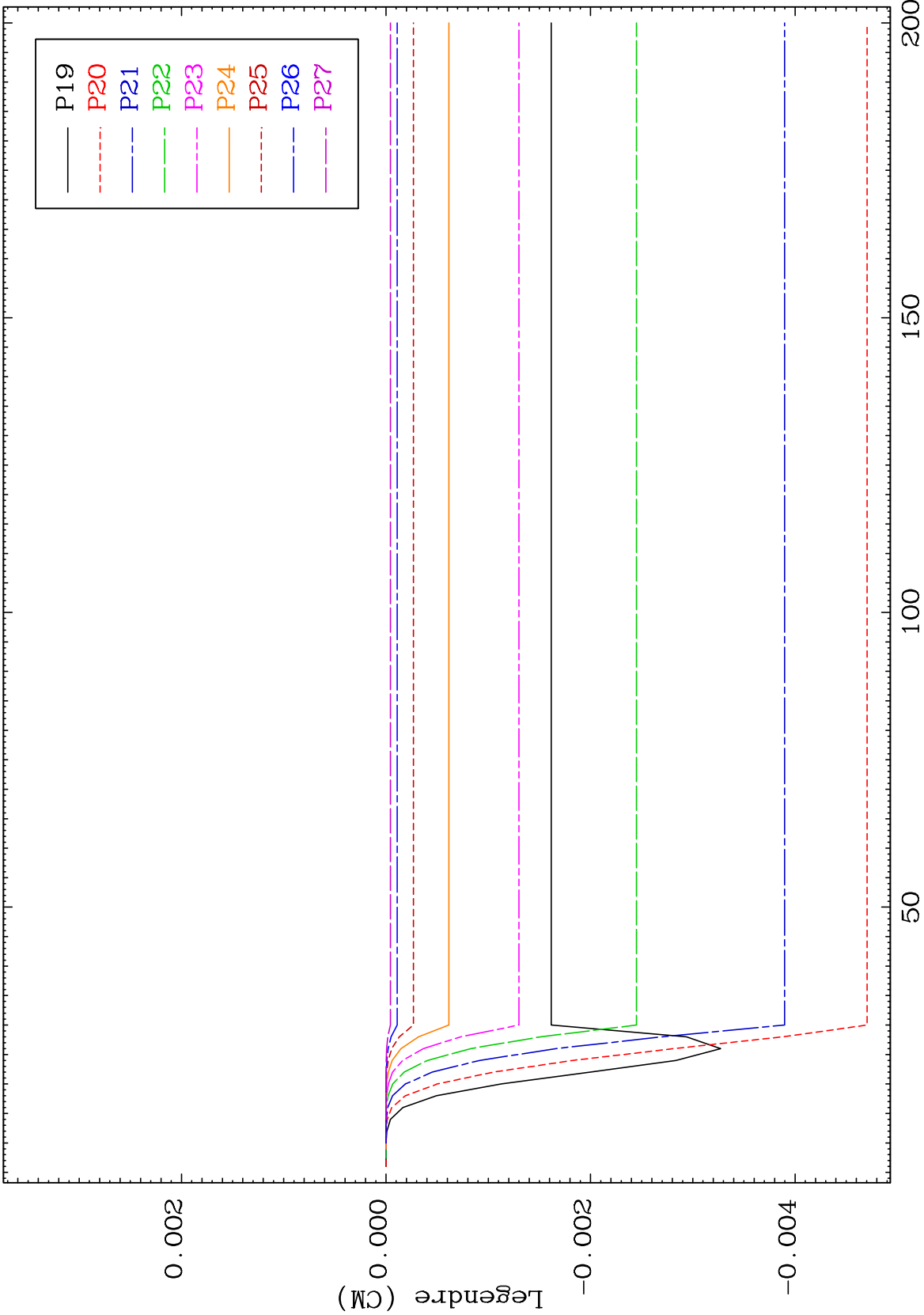




MAT 7104

605.1 keV (n,n') Level
Legendre Coefficients

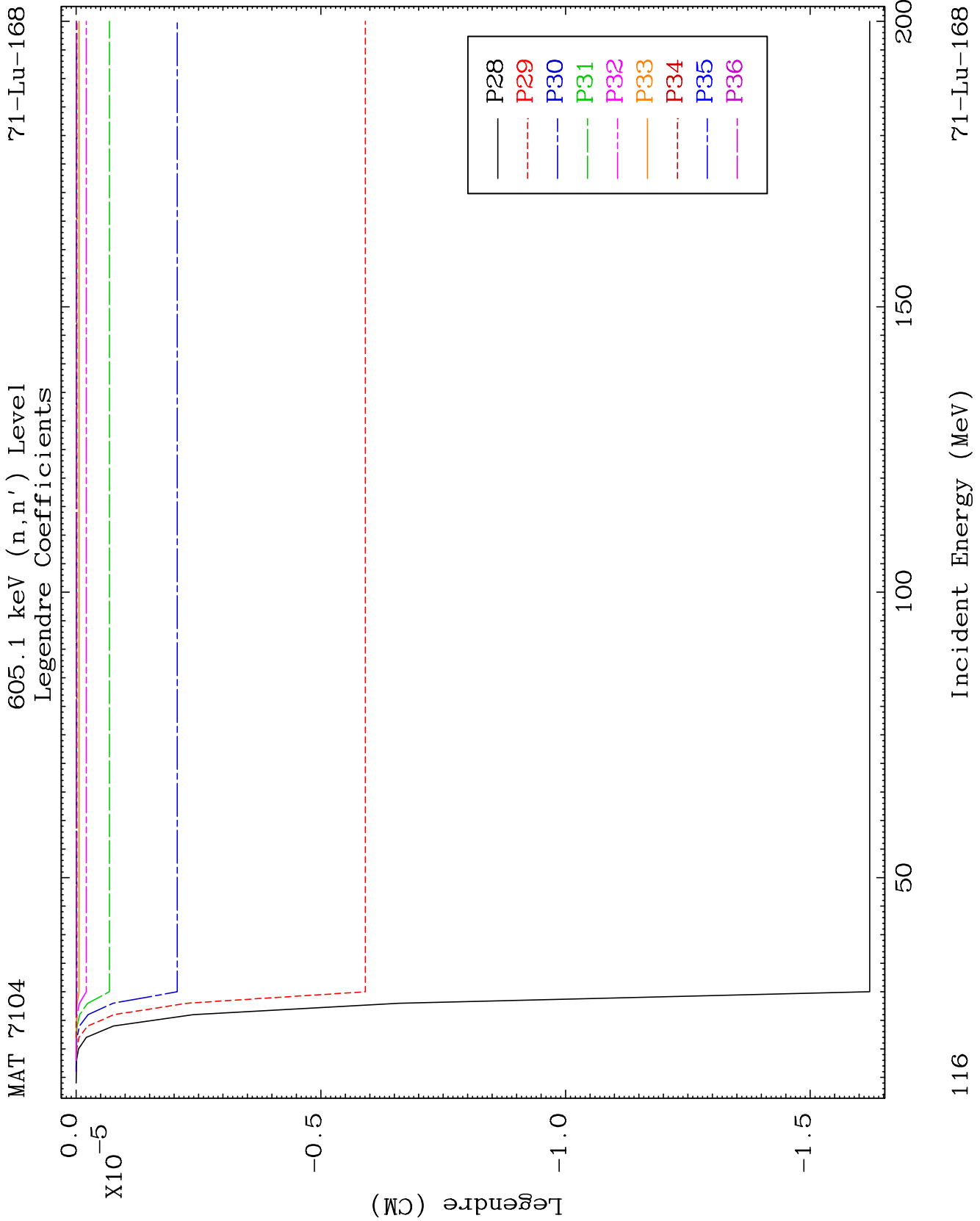
71-Lu-168

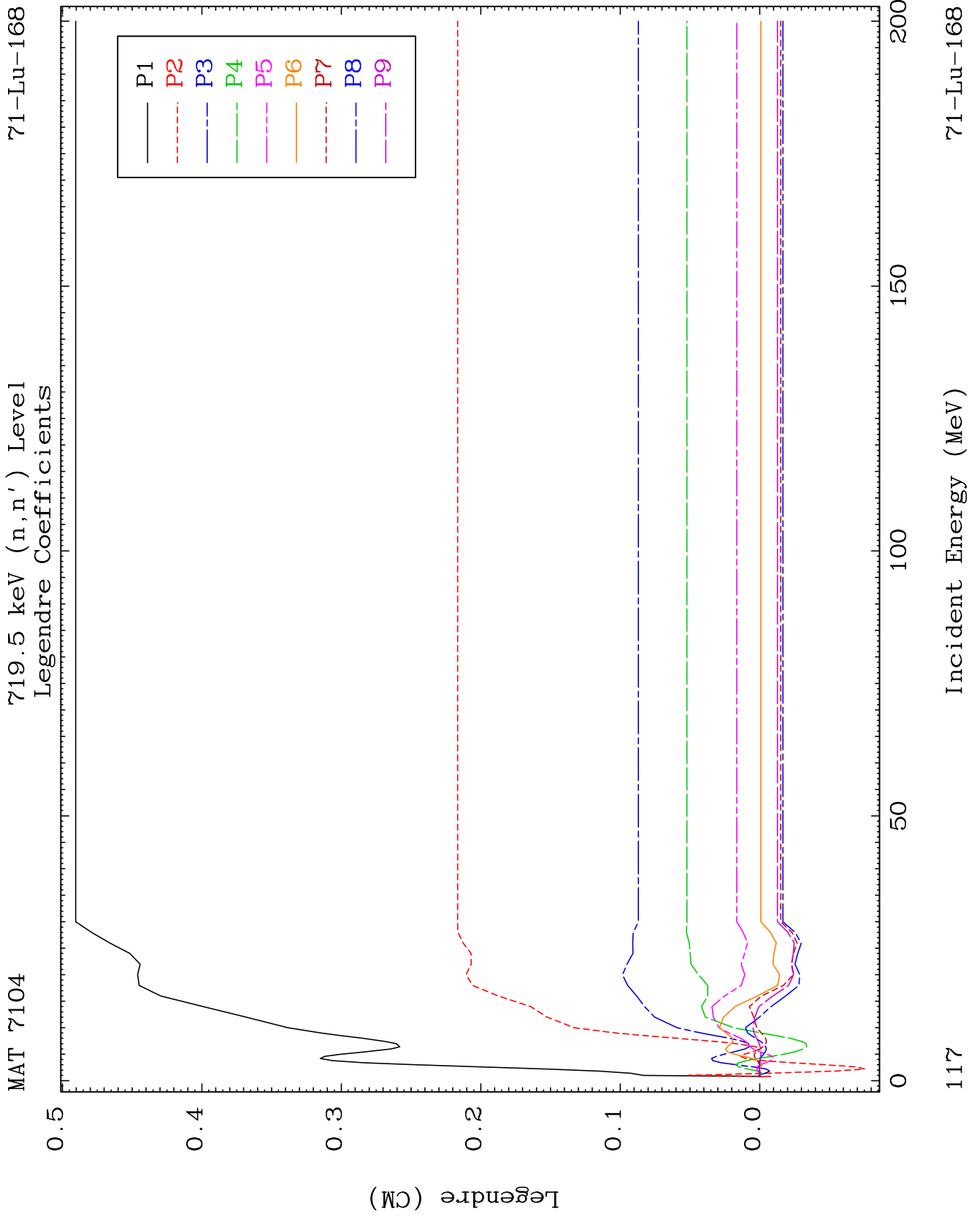


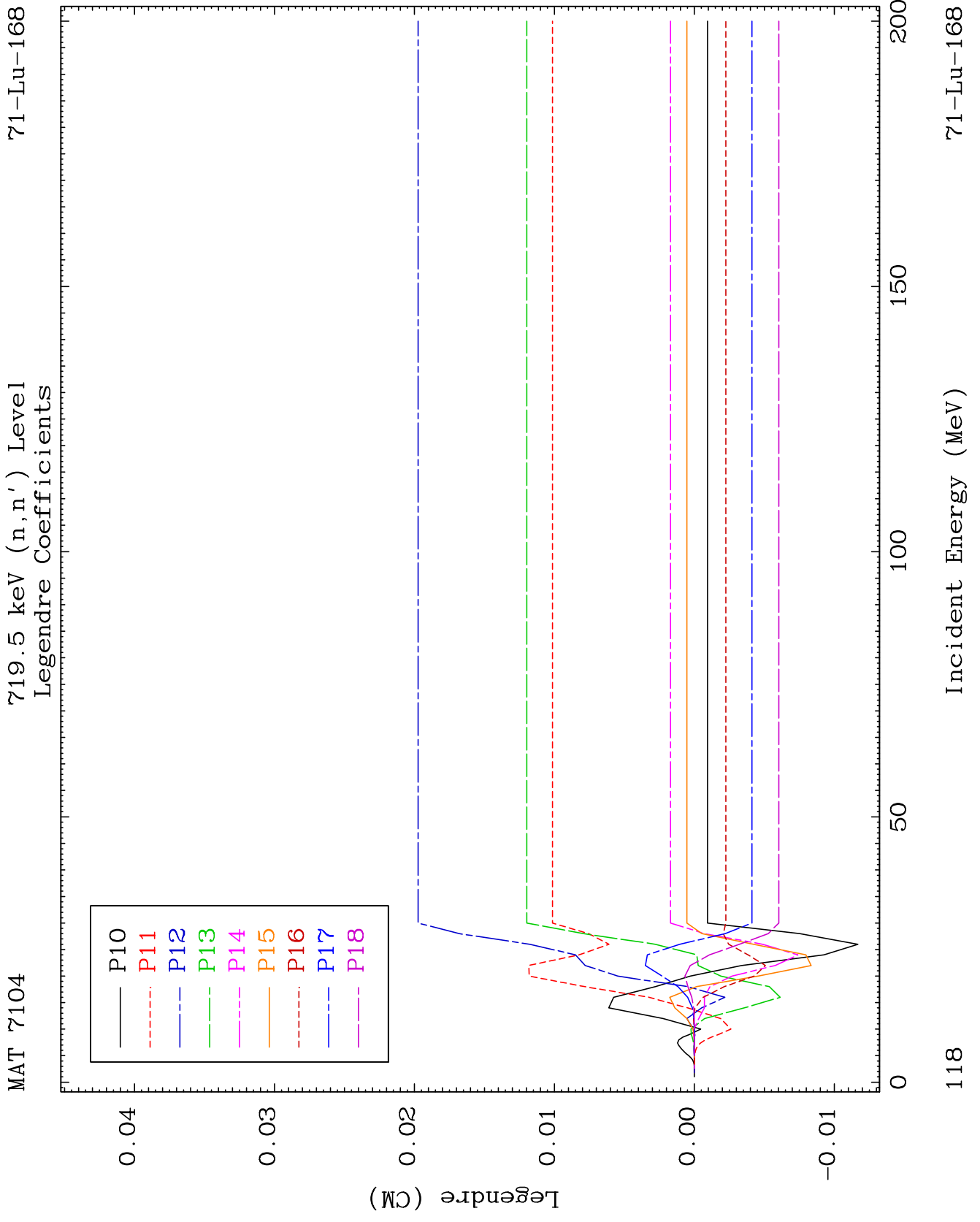
115

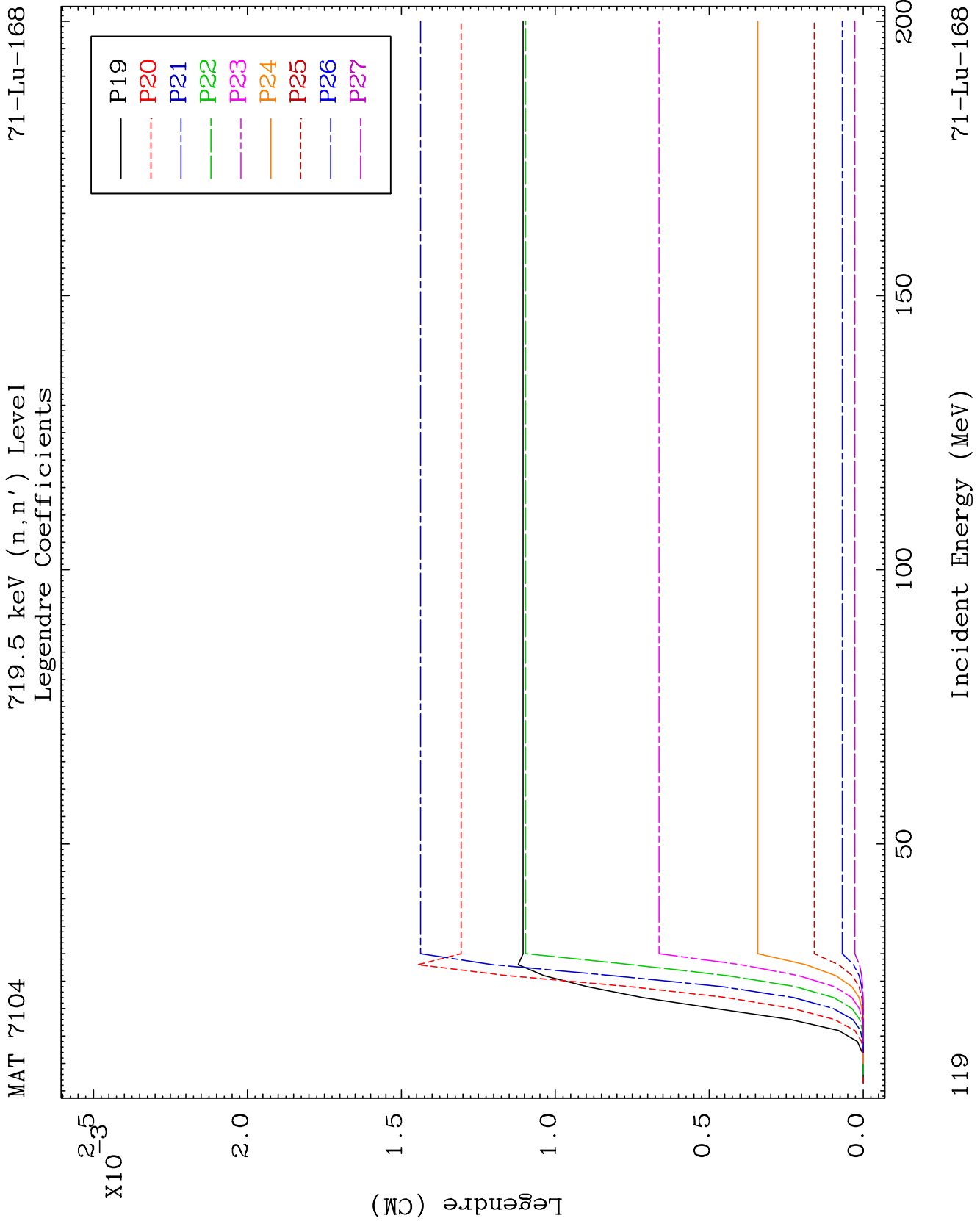
Incident Energy (MeV)

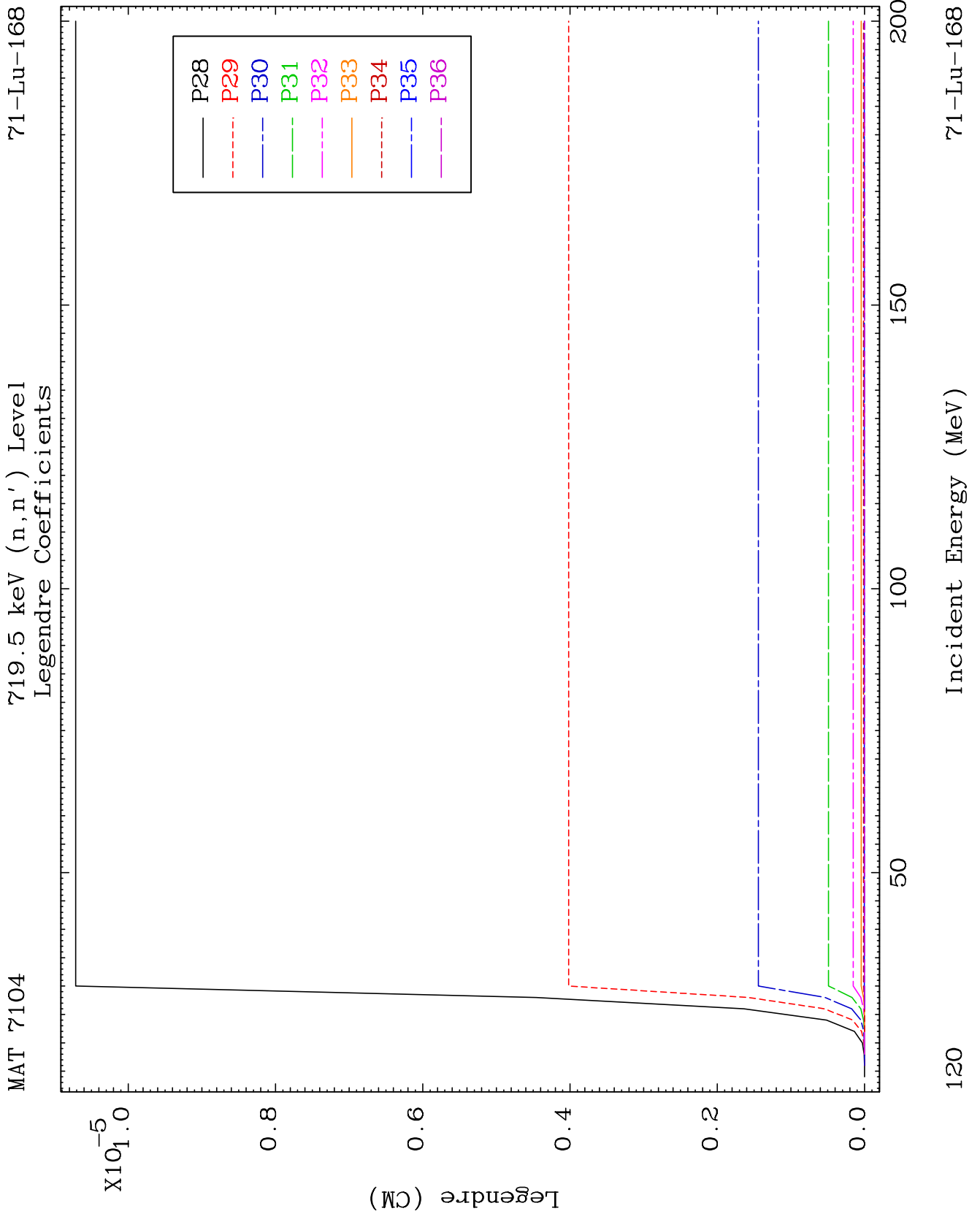
71-Lu-168







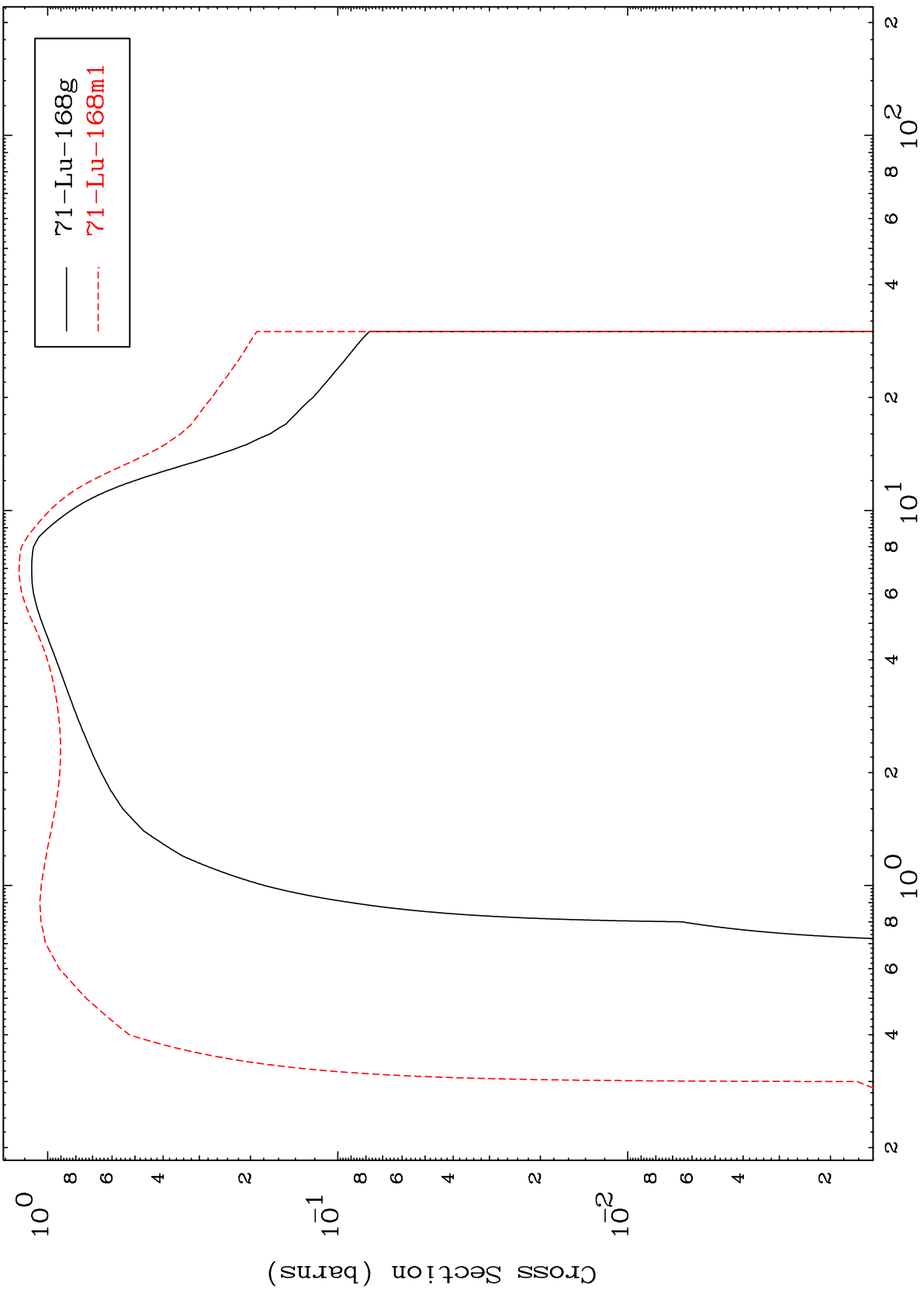




MAT 7104

71-Lu-168

Inelastic
Radionuclide Production Cross Section



71-Lu-168g
71-Lu-168m1

121

Incident Energy (MeV)

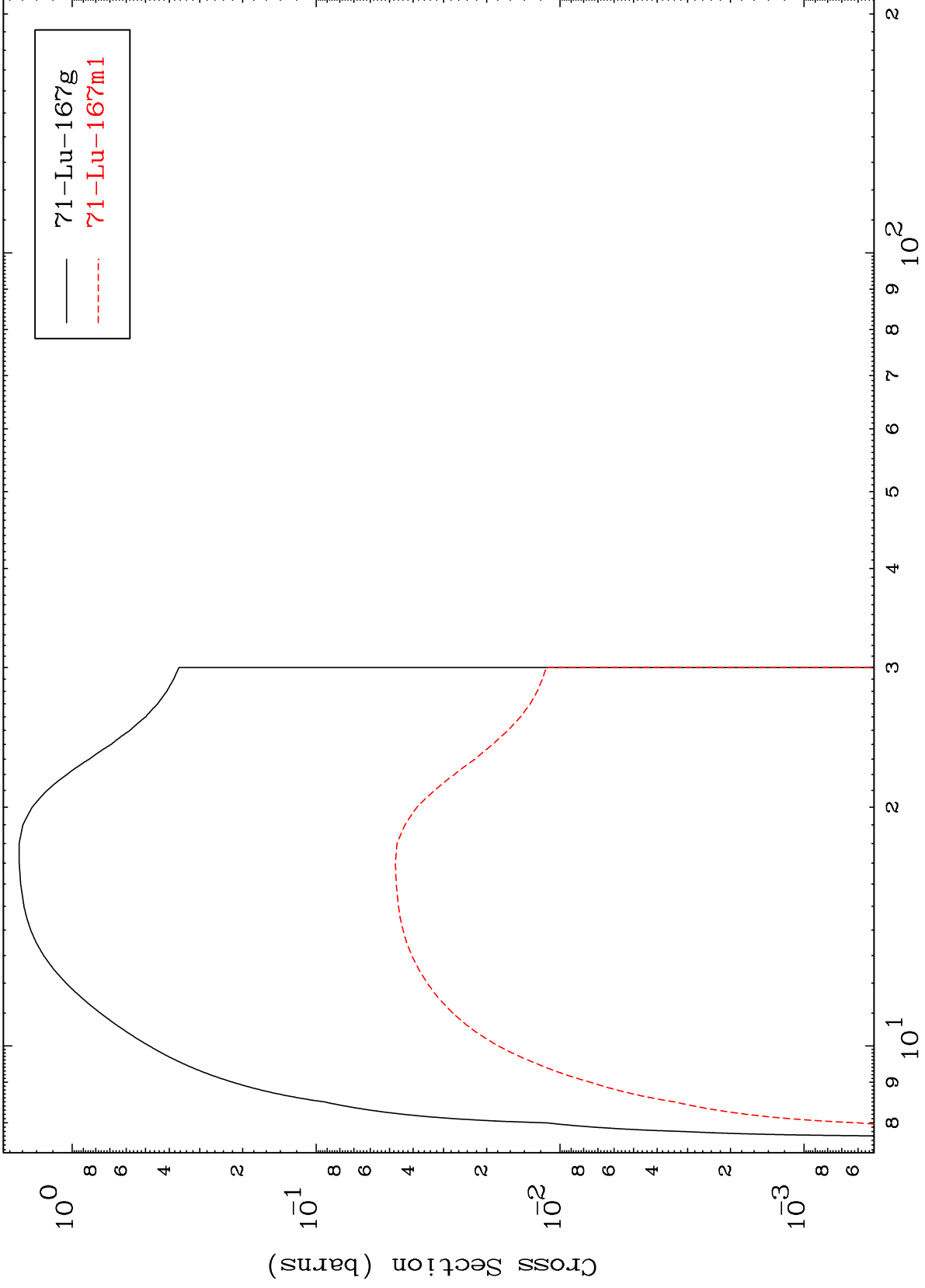
71-Lu-168

MAT 7104

71-Lu-168

(n,2n)

Radionuclide Production Cross Section

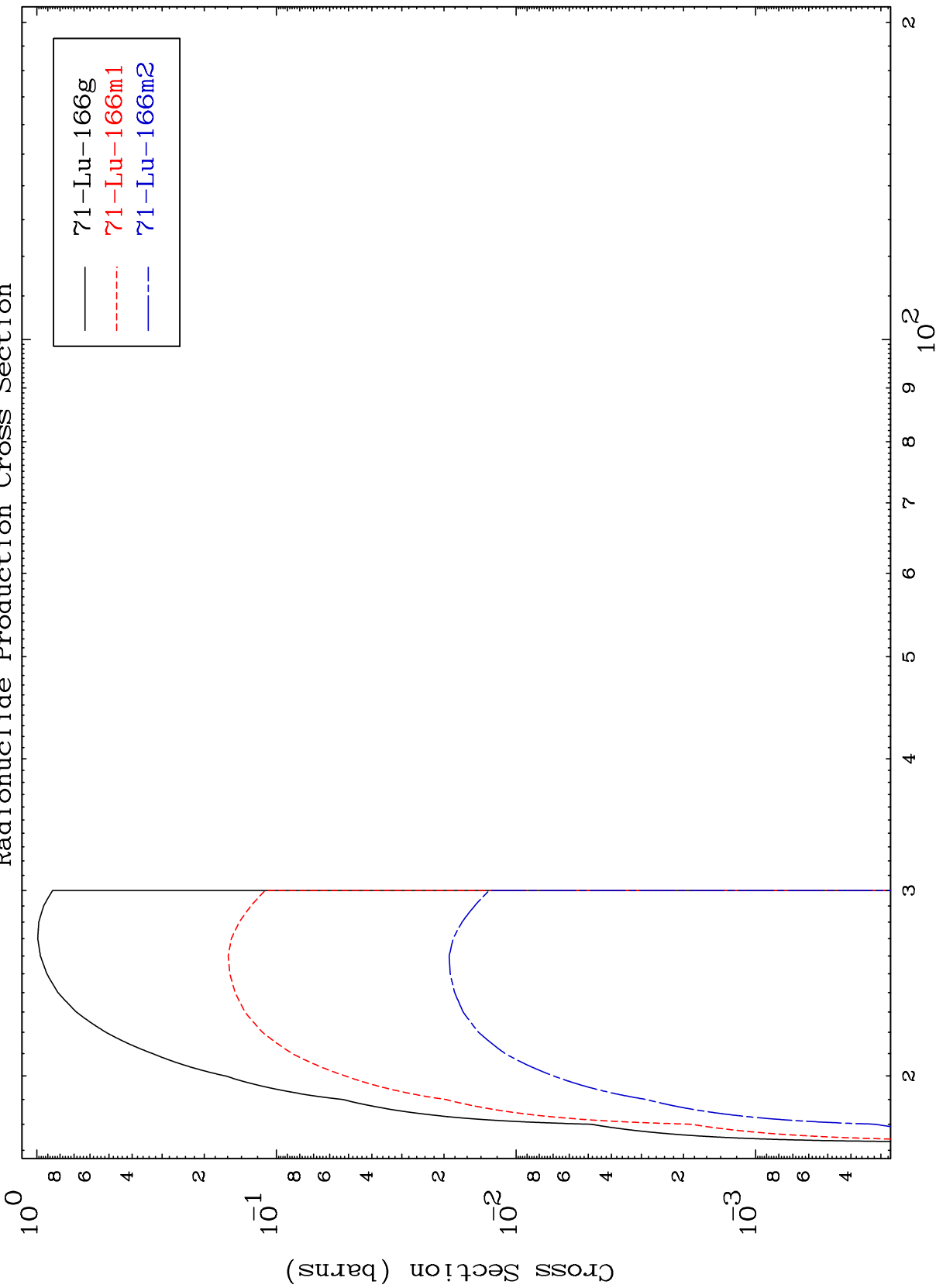


122

Incident Energy (MeV)

71-Lu-168

(n,3n)
Radionuclide Production Cross Section

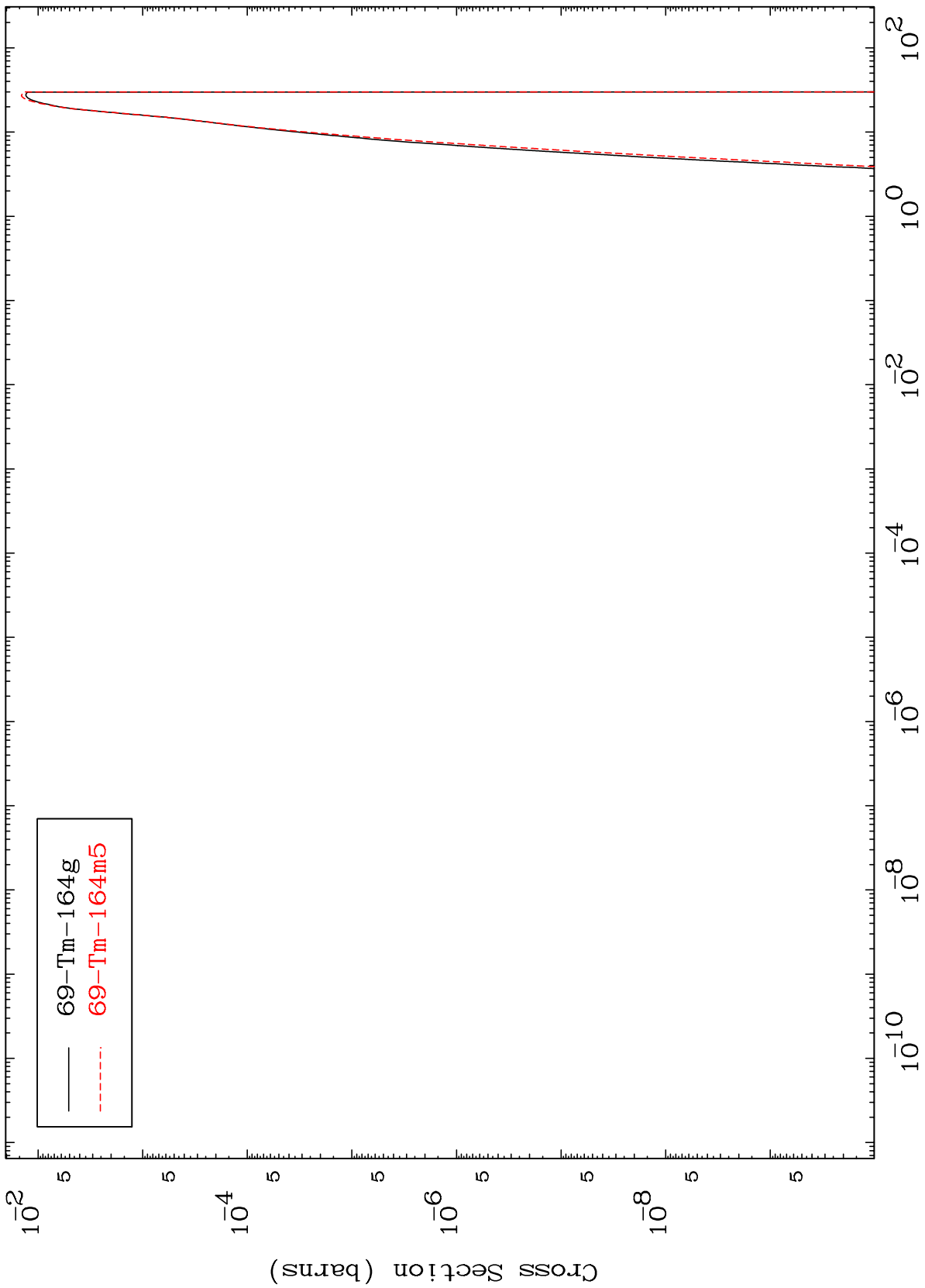


MAT 7104

$(n, n') \alpha$

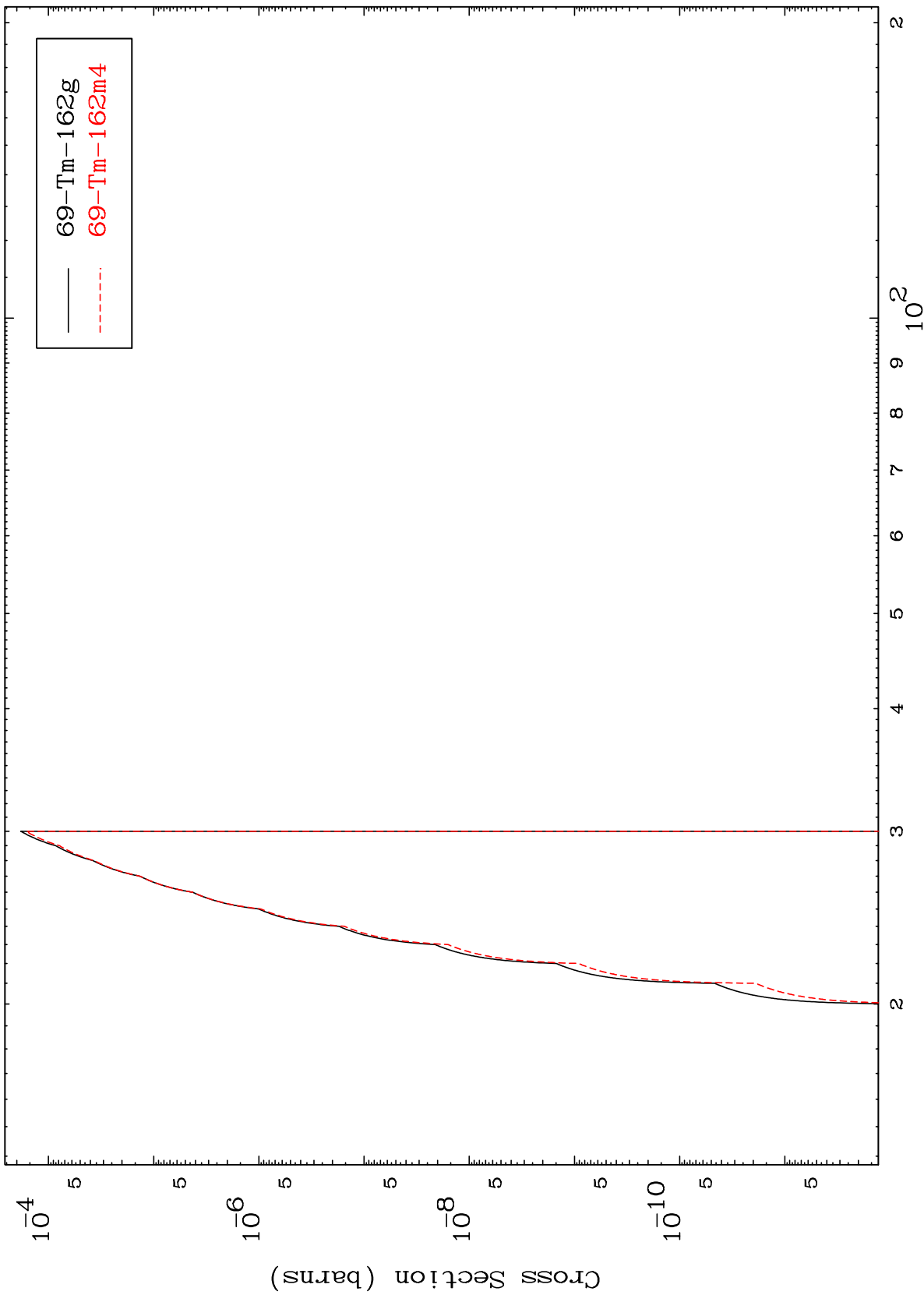
71-Lu-168

Radionuclide Production Cross Section



— 69-Tm-164g
- - - 69-Tm-164m5

Radionuclide Production Cross Section

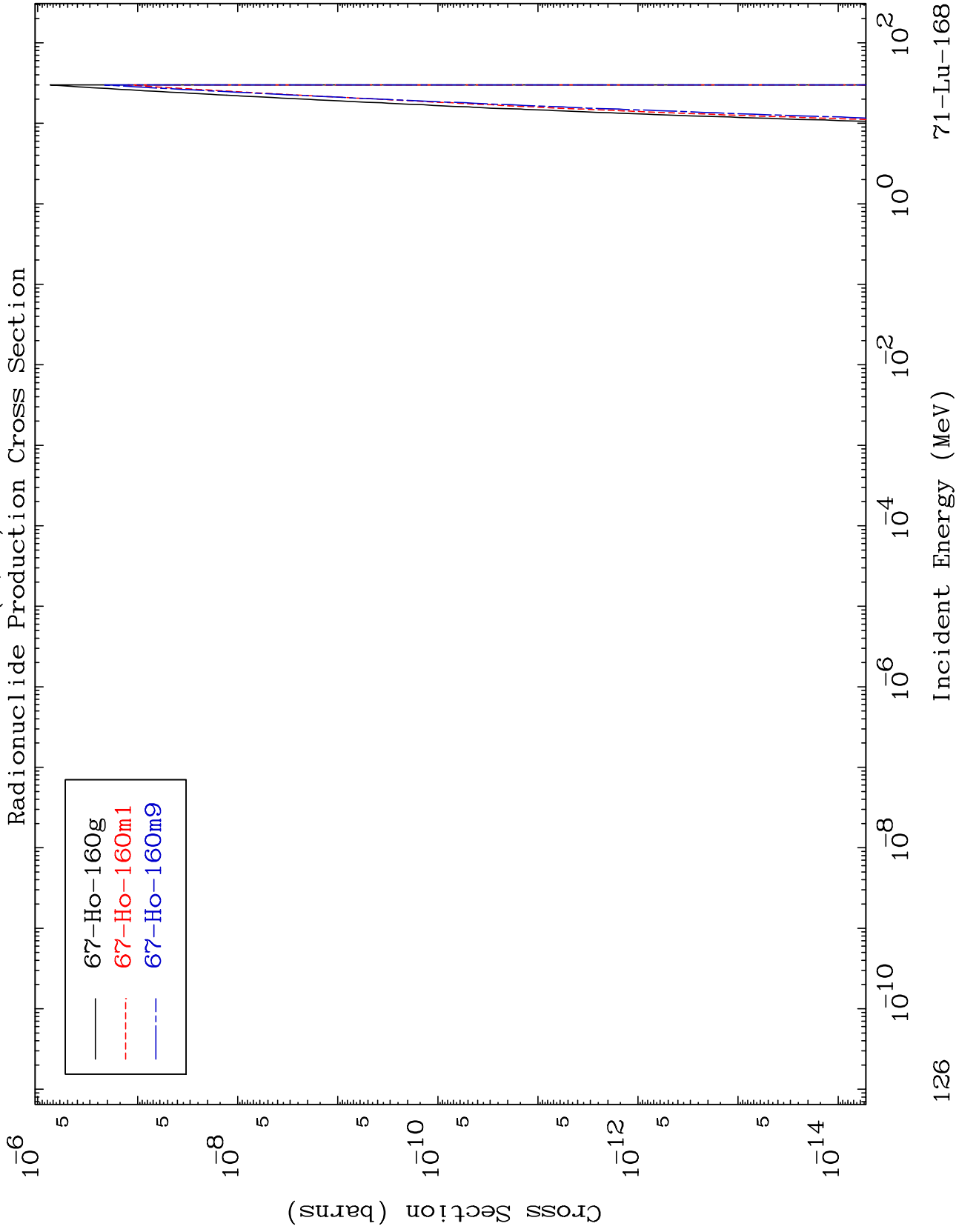


MAT 7104

(n,n') 2α

71-Lu-168

Radionuclide Production Cross Section



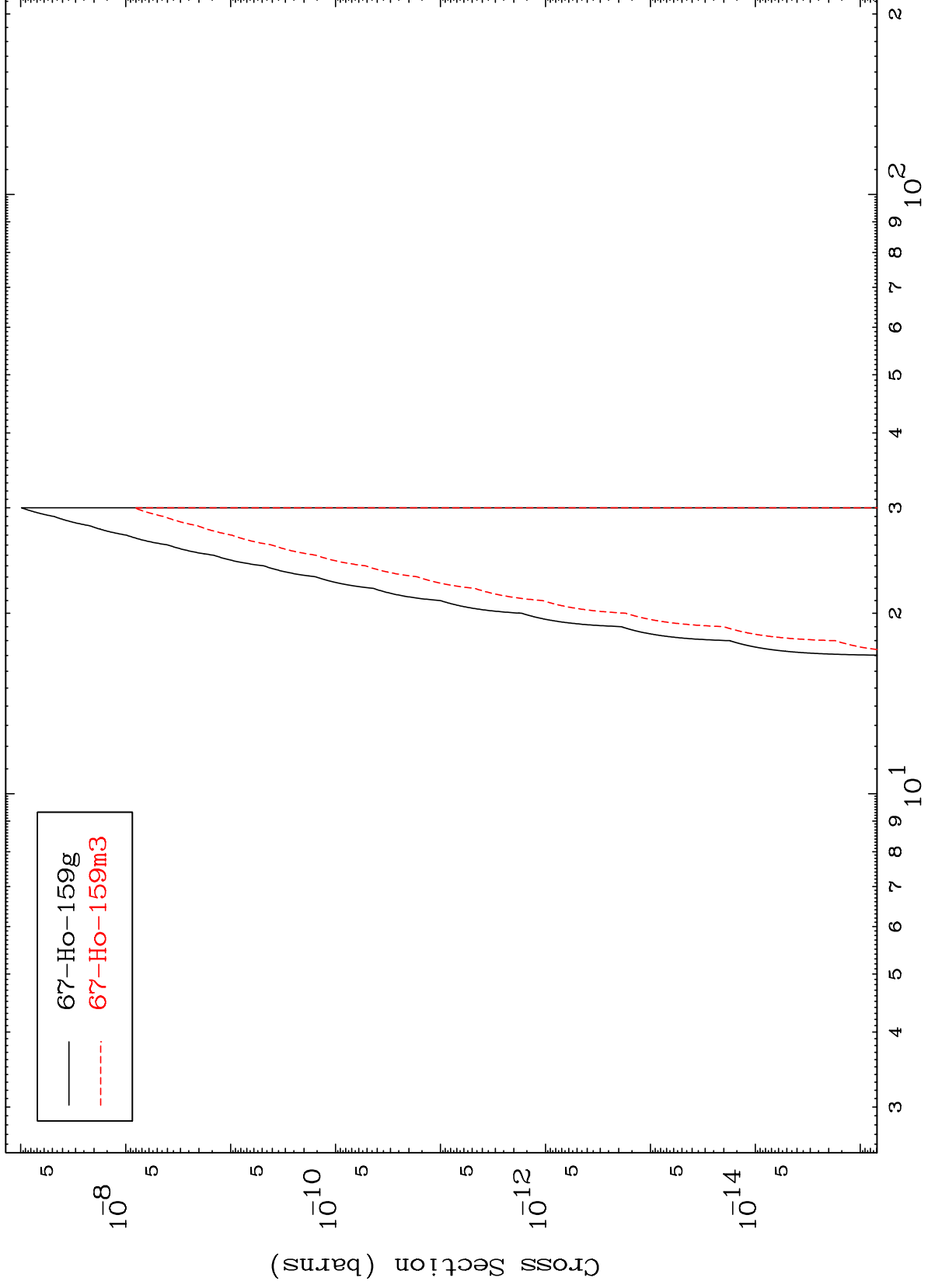
126

MAT 7104

^{67}Ho 2α

^{71}Lu -168

Radionuclide Production Cross Section



127

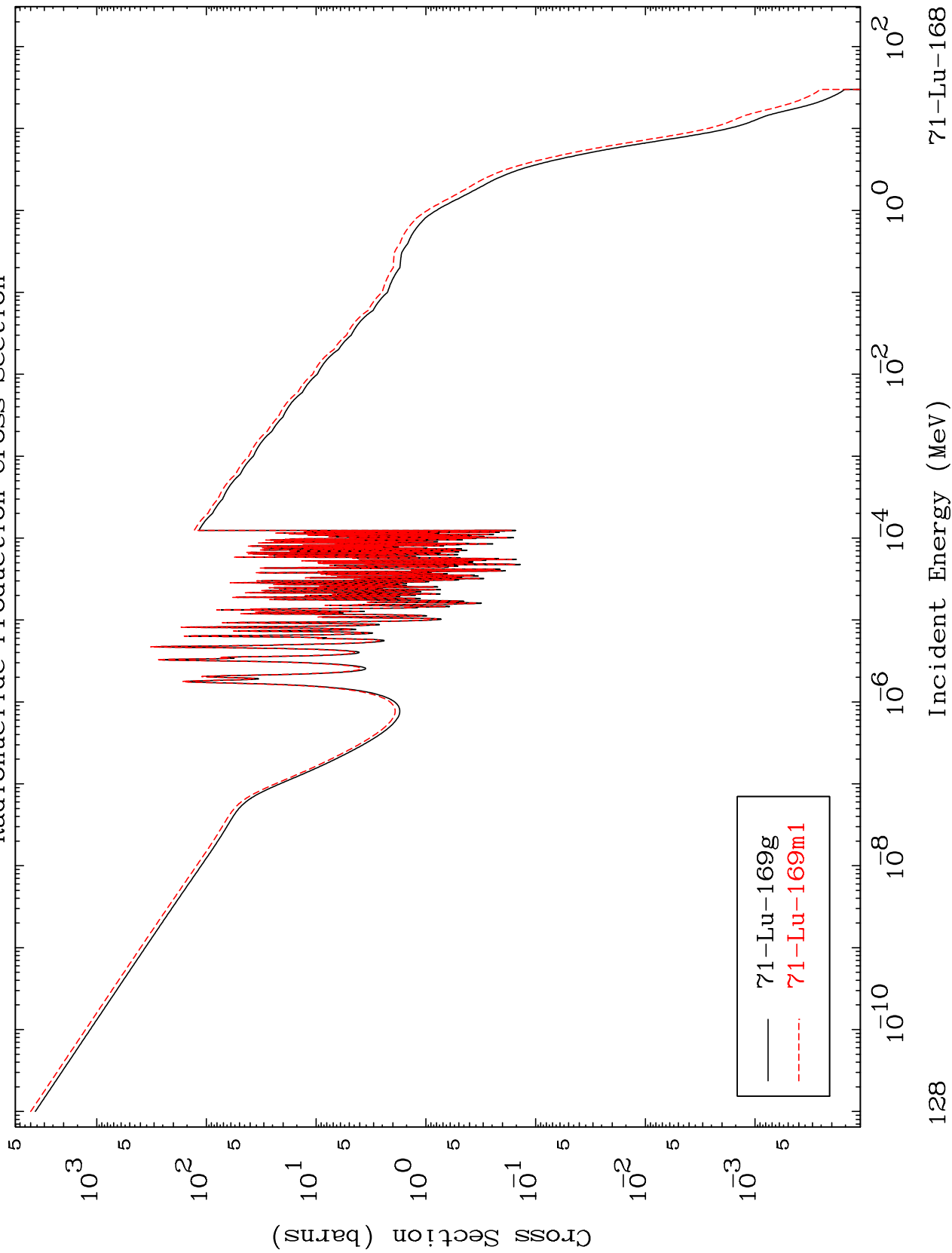
Incident Energy (MeV)

^{71}Lu -168

MAT 7104

71-Lu-168

(n, γ)
Radionuclide Production Cross Section



MAT 7104

(n,2α)

71-Lu-168

Radionuclide Production Cross Section

