

Program EVALPLOT
(Version 2018-1)

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

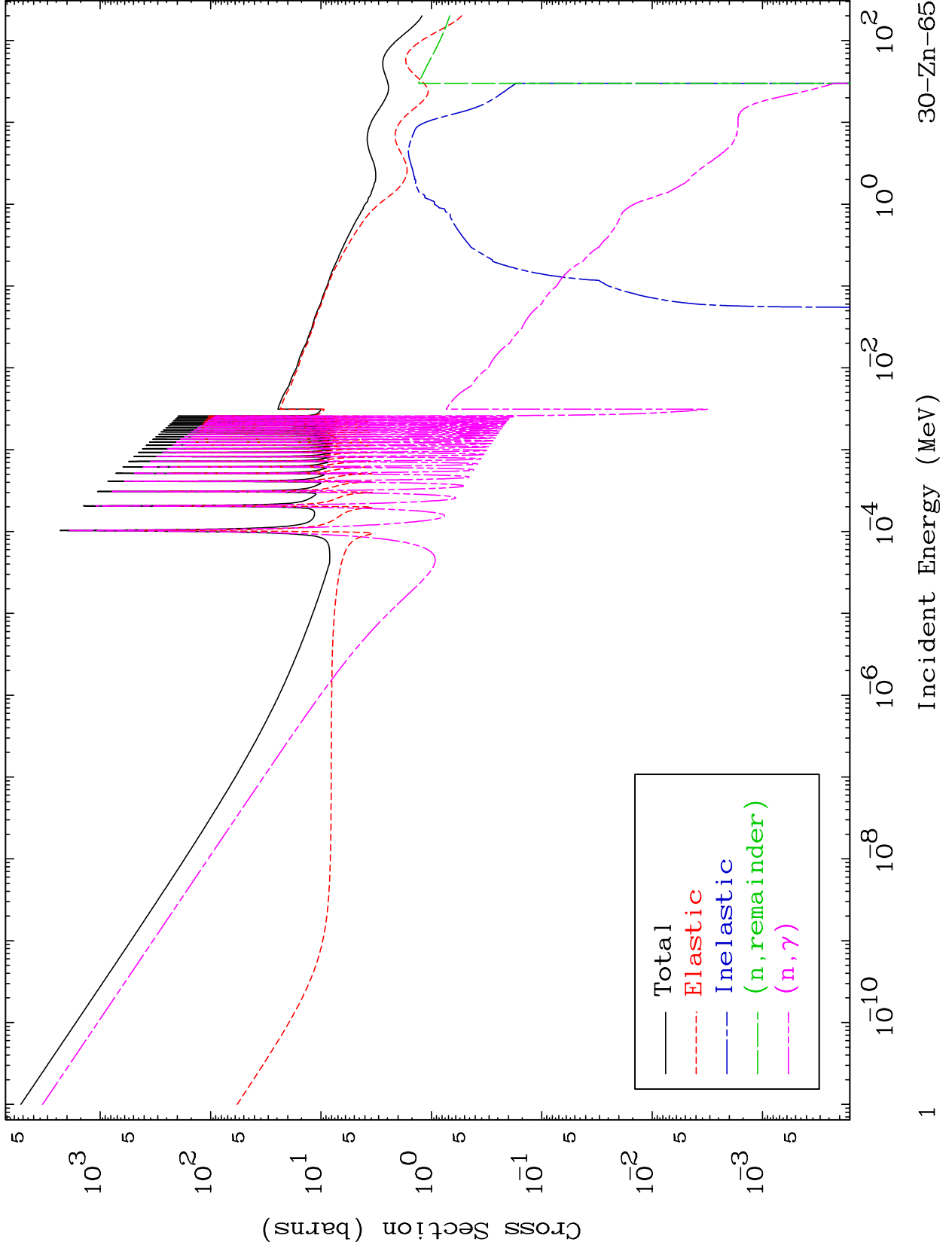
Web:redcullen1.net/HOMEPAGE.NEW

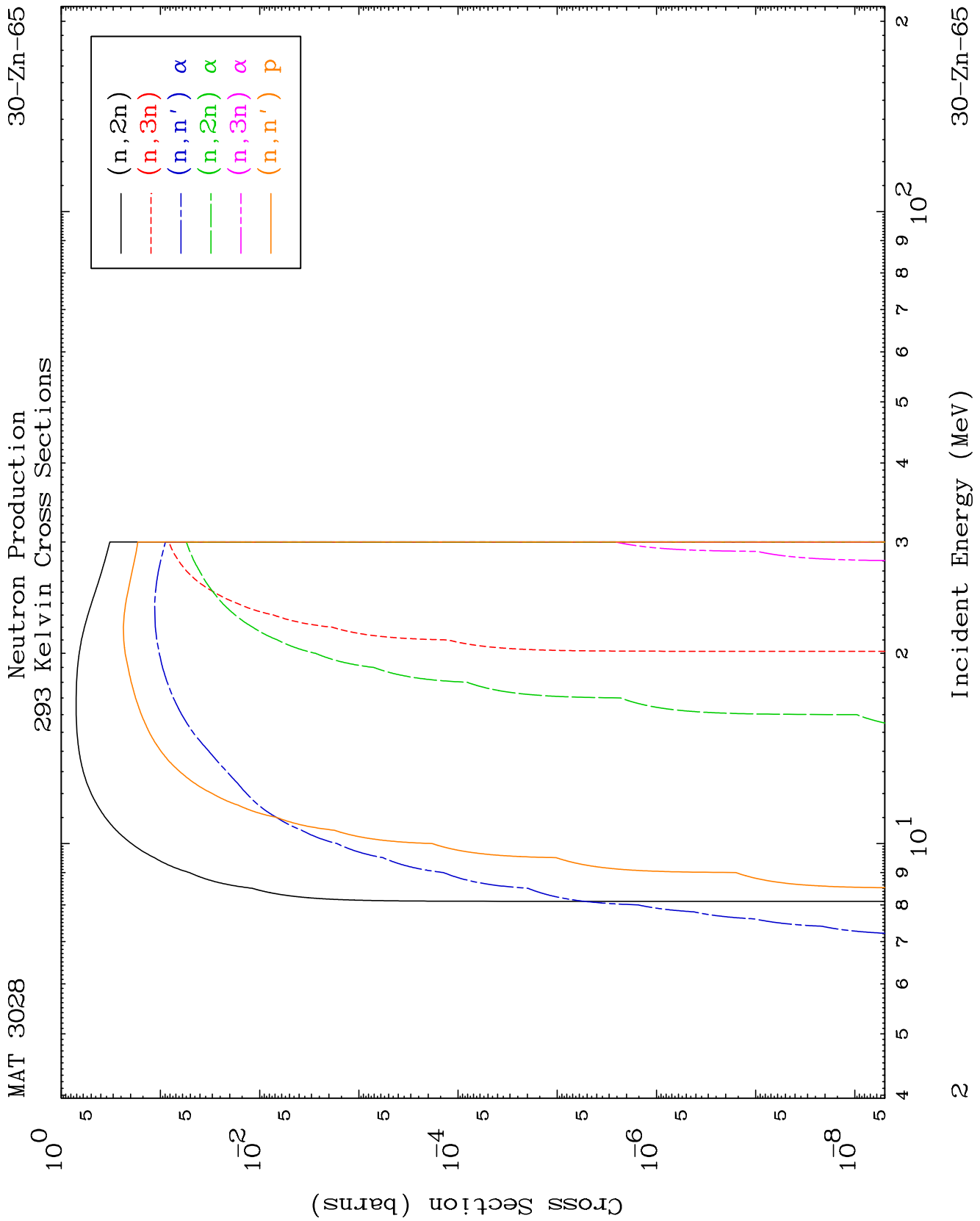
Press Mouse Button to Start

MAT 3028

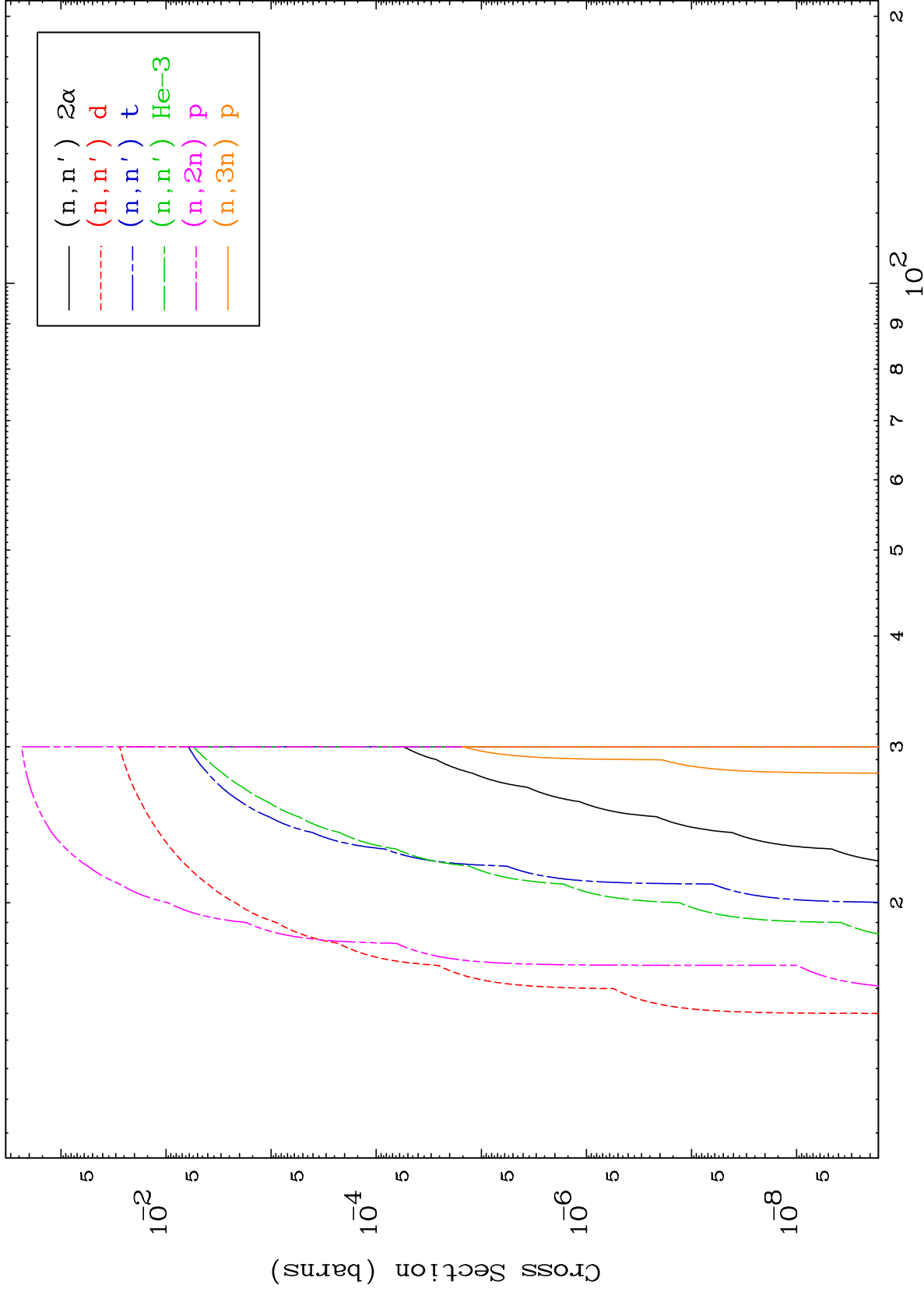
Major
293 Kelvin Cross Sections

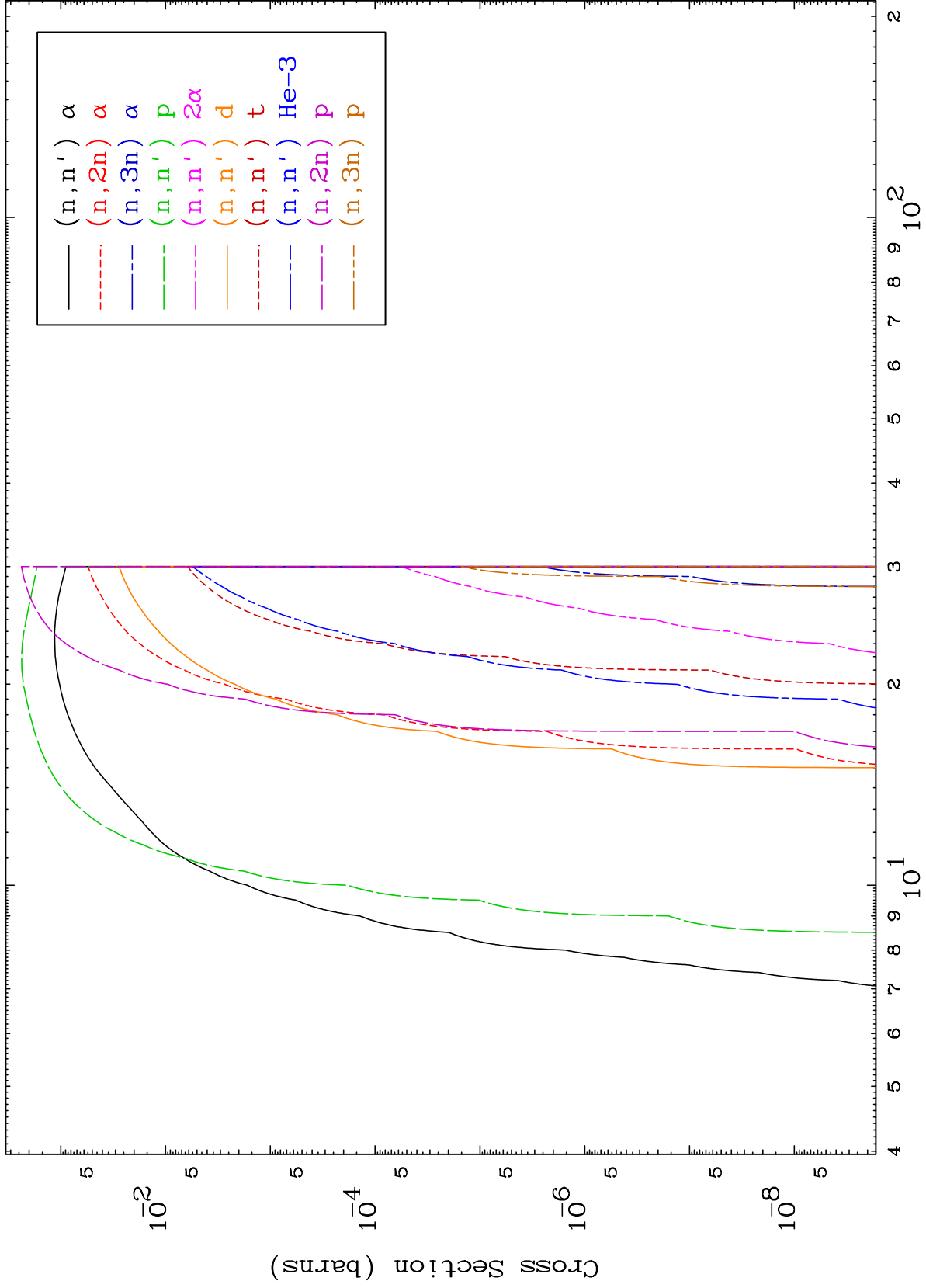
30-Zn-65





Neutron Production
293 Kelvin Cross Sections

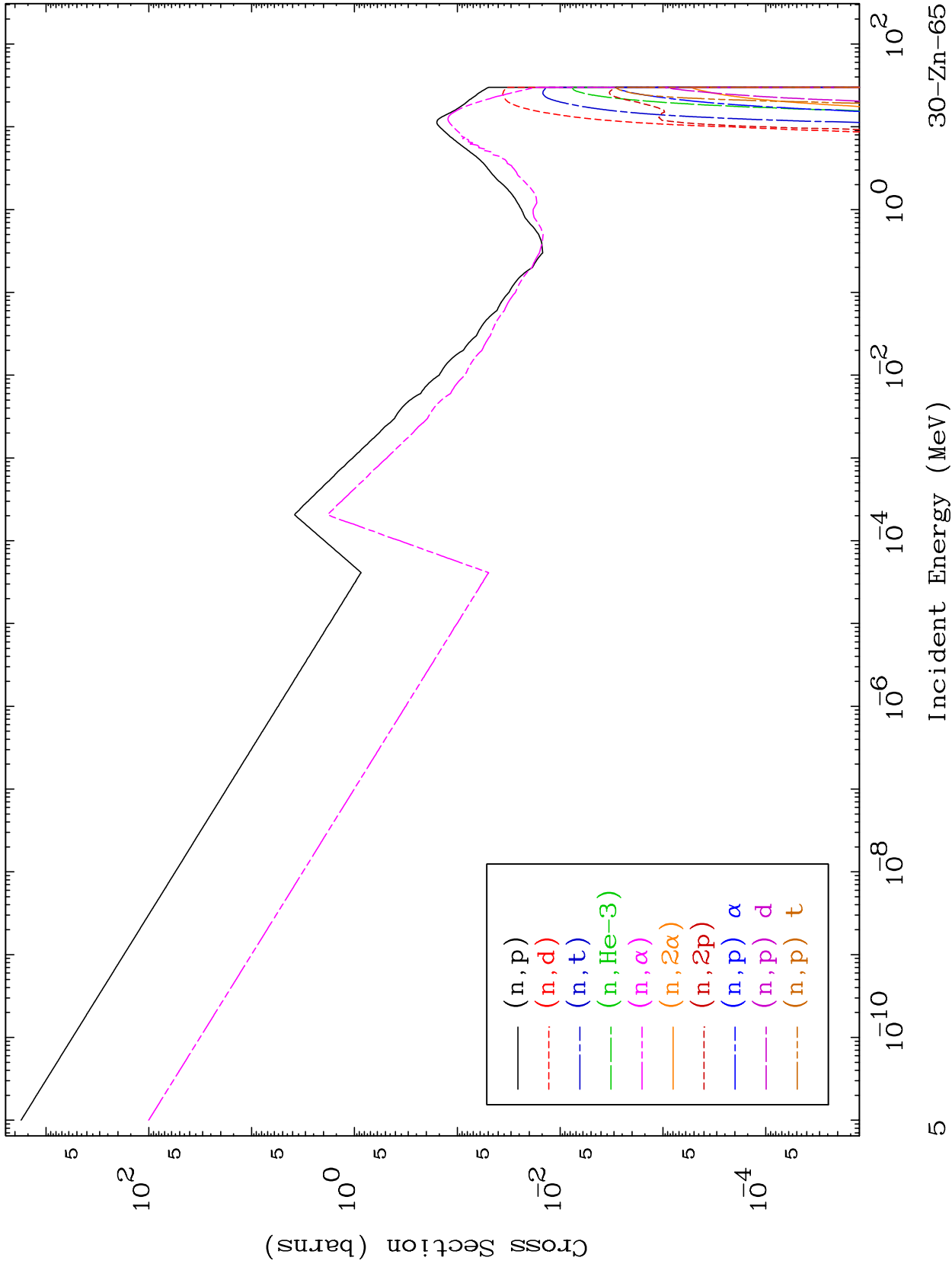


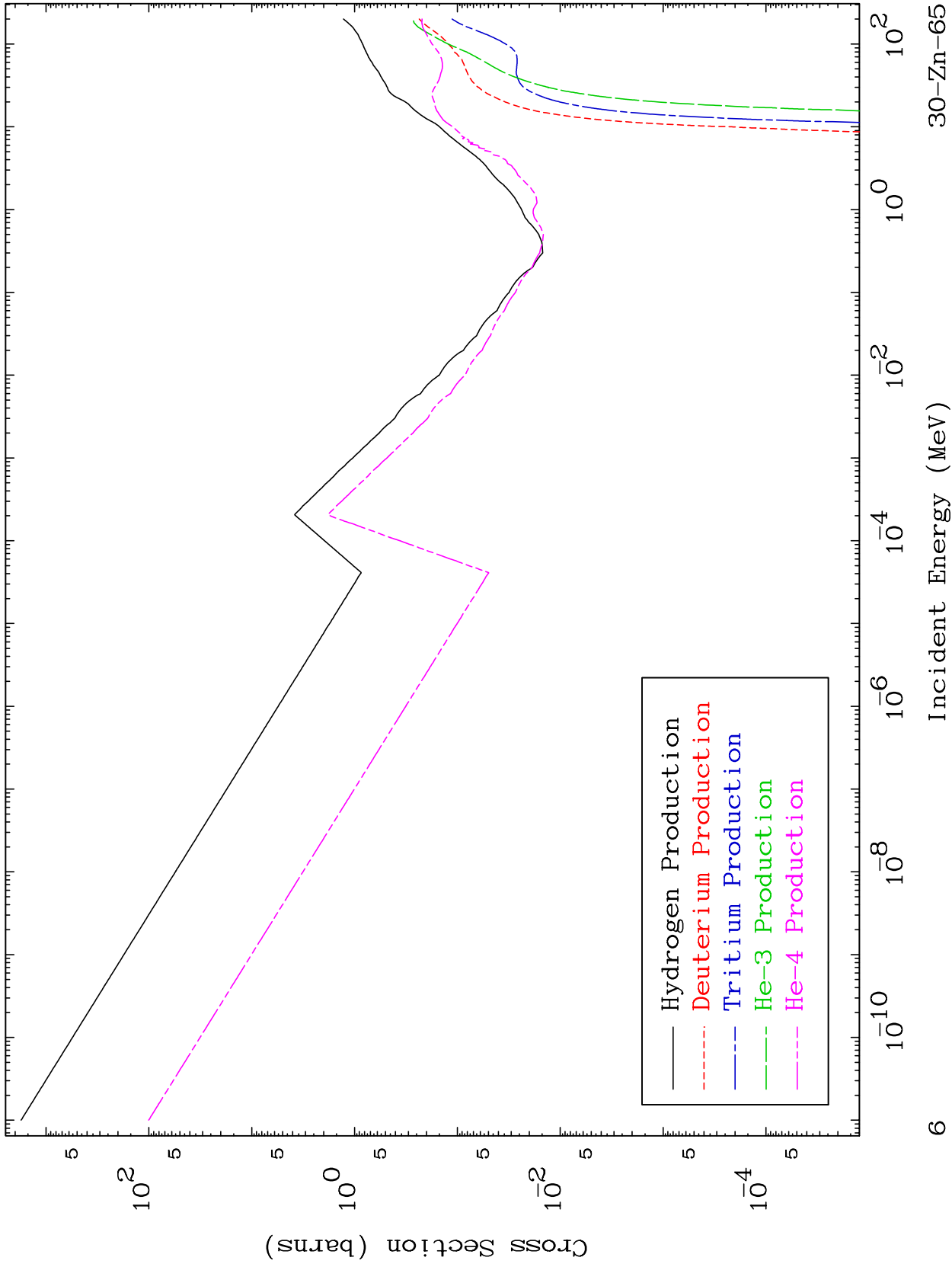


MAT 3028

Charged Particle
293 Kelvin Cross Sections

30-Zn-65

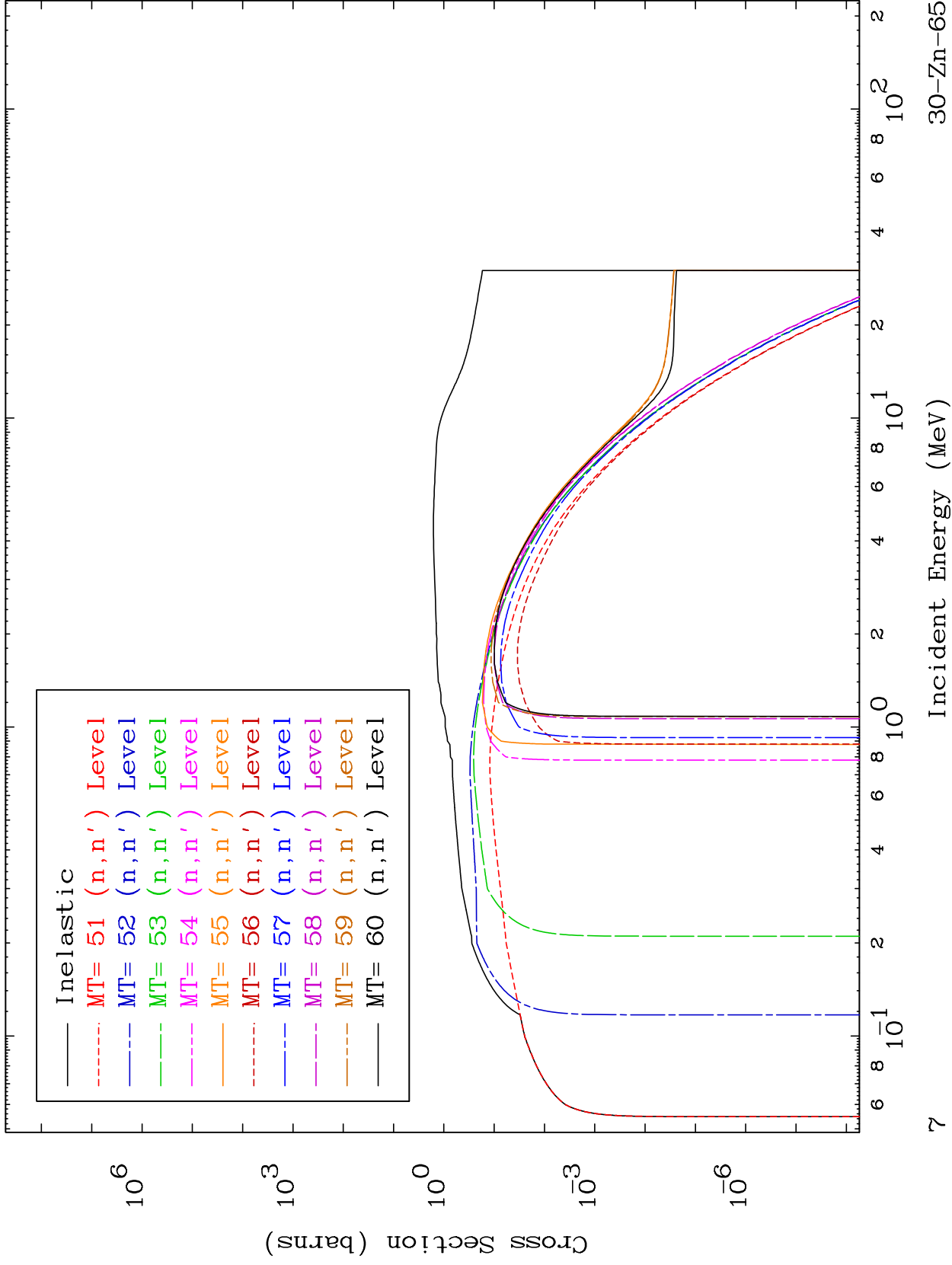




MAT 3028

(n,n') Level
293 Kelvin Cross Sections

30-Zn-65

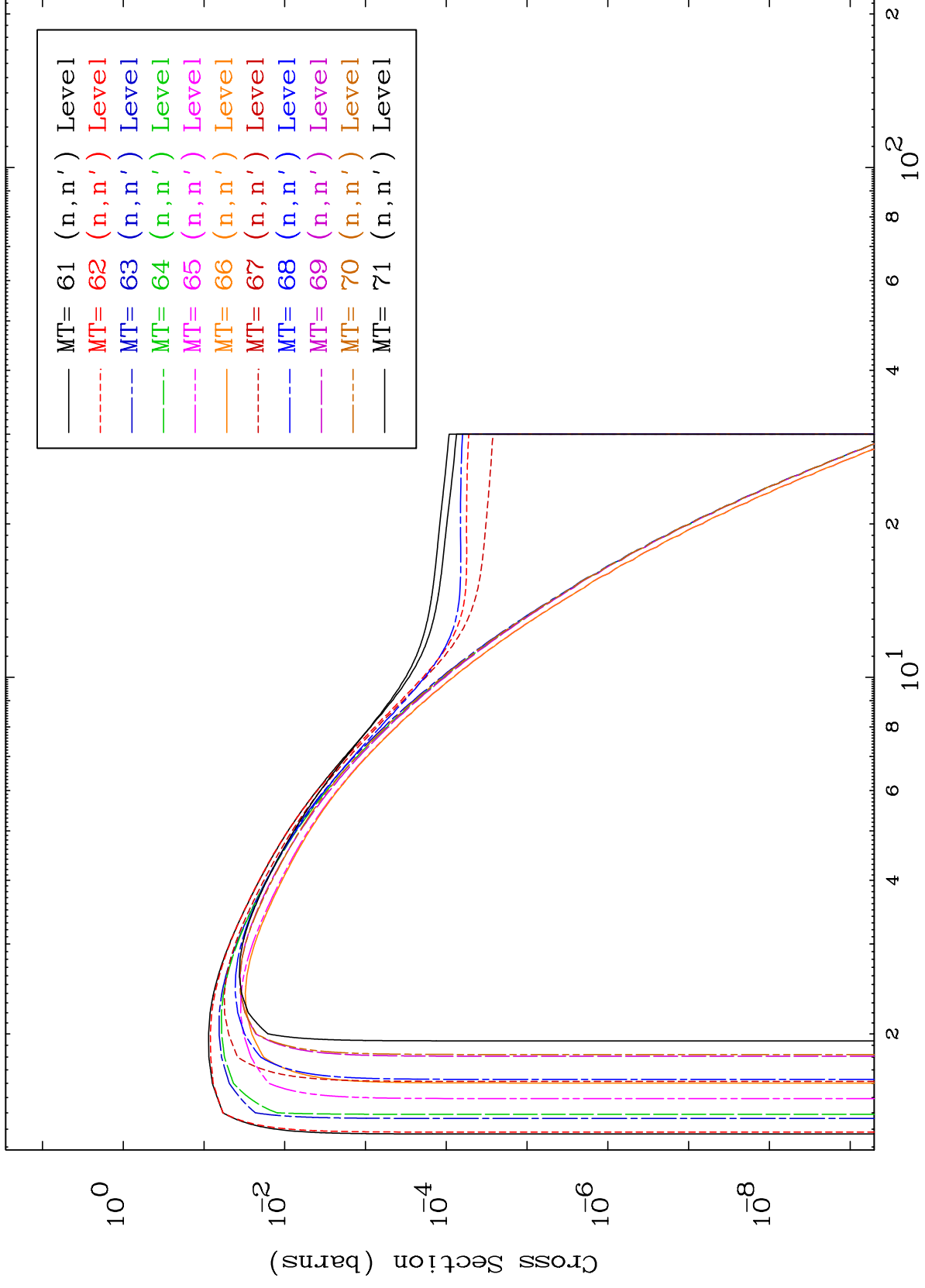


MAT 3028

(n,n') Level

30-Zn-65

293 Kelvin Cross Sections



8

Incident Energy (MeV)

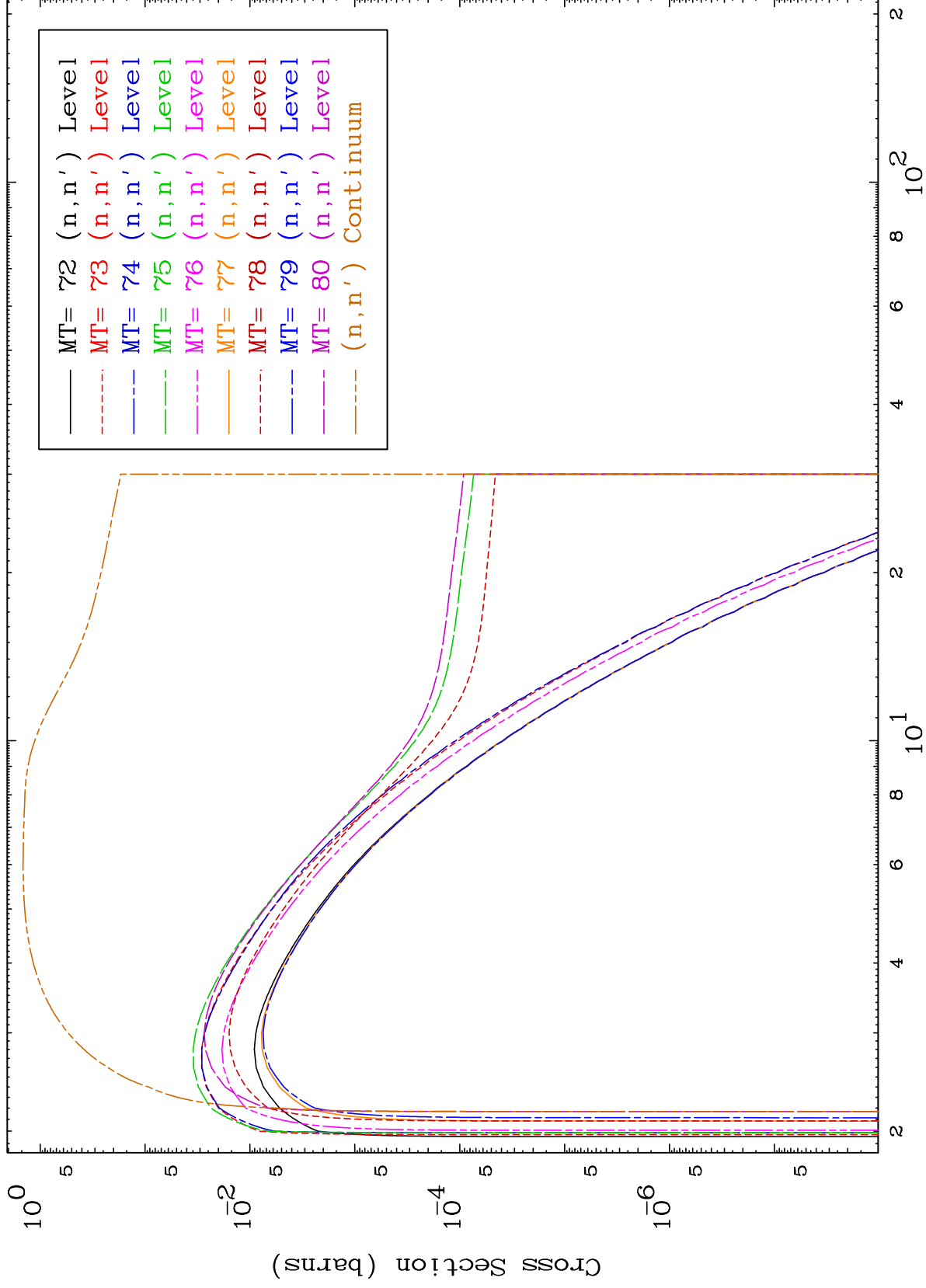
30-Zn-65

MAT 3028

(n,n') Level

30-Zn-65

293 Kelvin Cross Sections



9

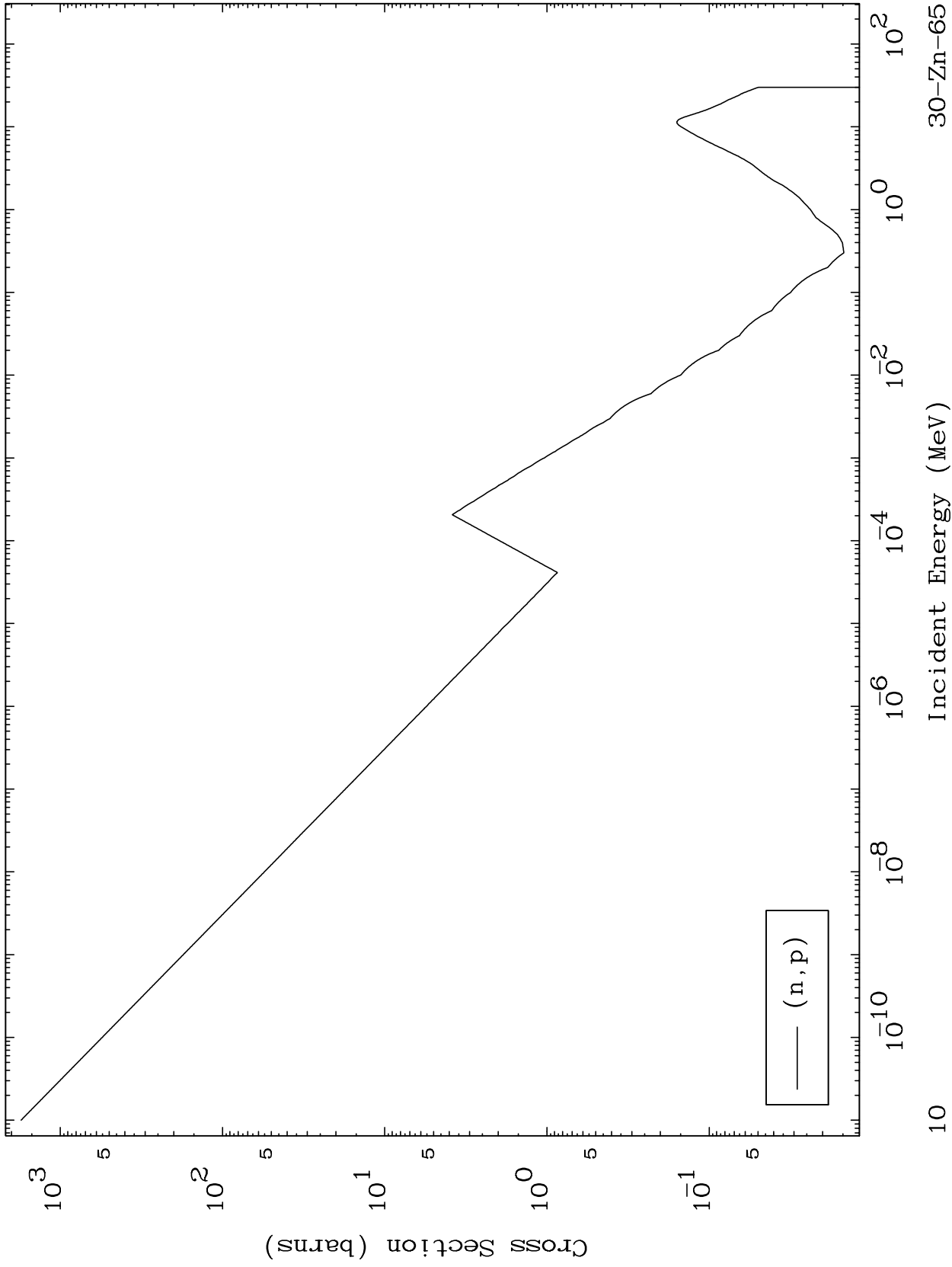
Incident Energy (MeV)

30-Zn-65

MAT 3028

(n,p) Levels
293 Kelvin Cross Sections

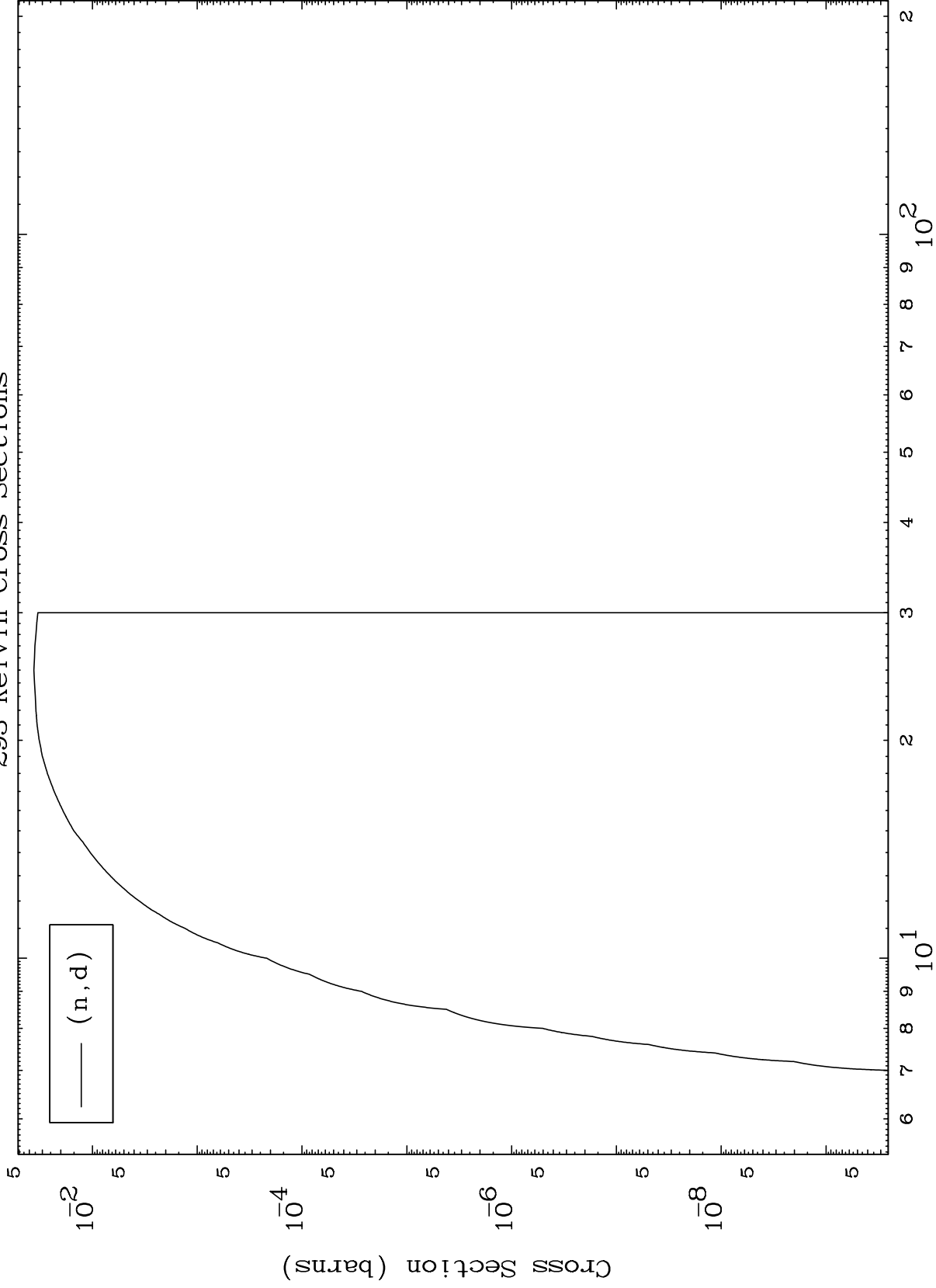
30-Zn-65



MAT 3028

(n,d) Levels
293 Kelvin Cross Sections

30-Zn-65



11

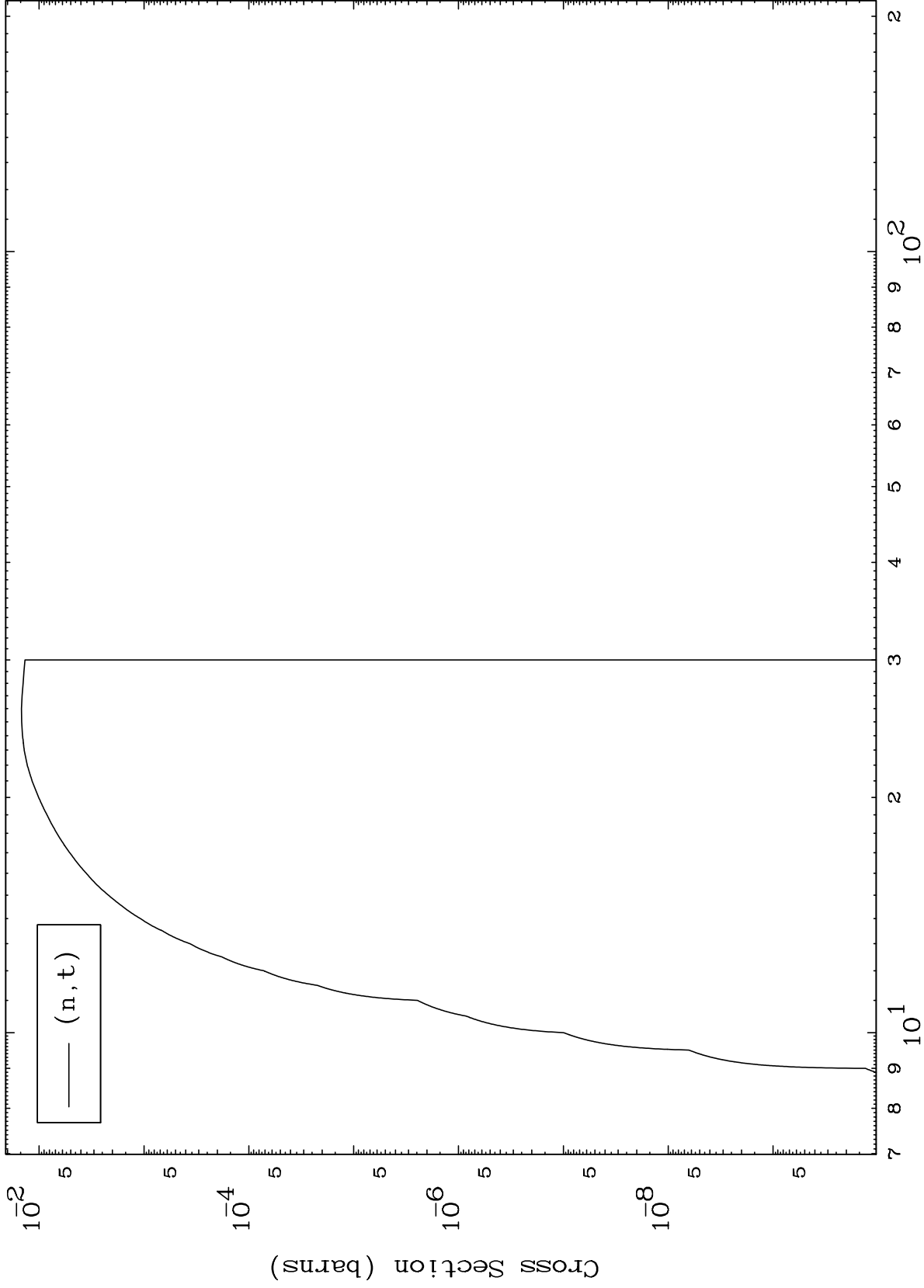
Incident Energy (MeV)

30-Zn-65

MAT 3028

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-65



12

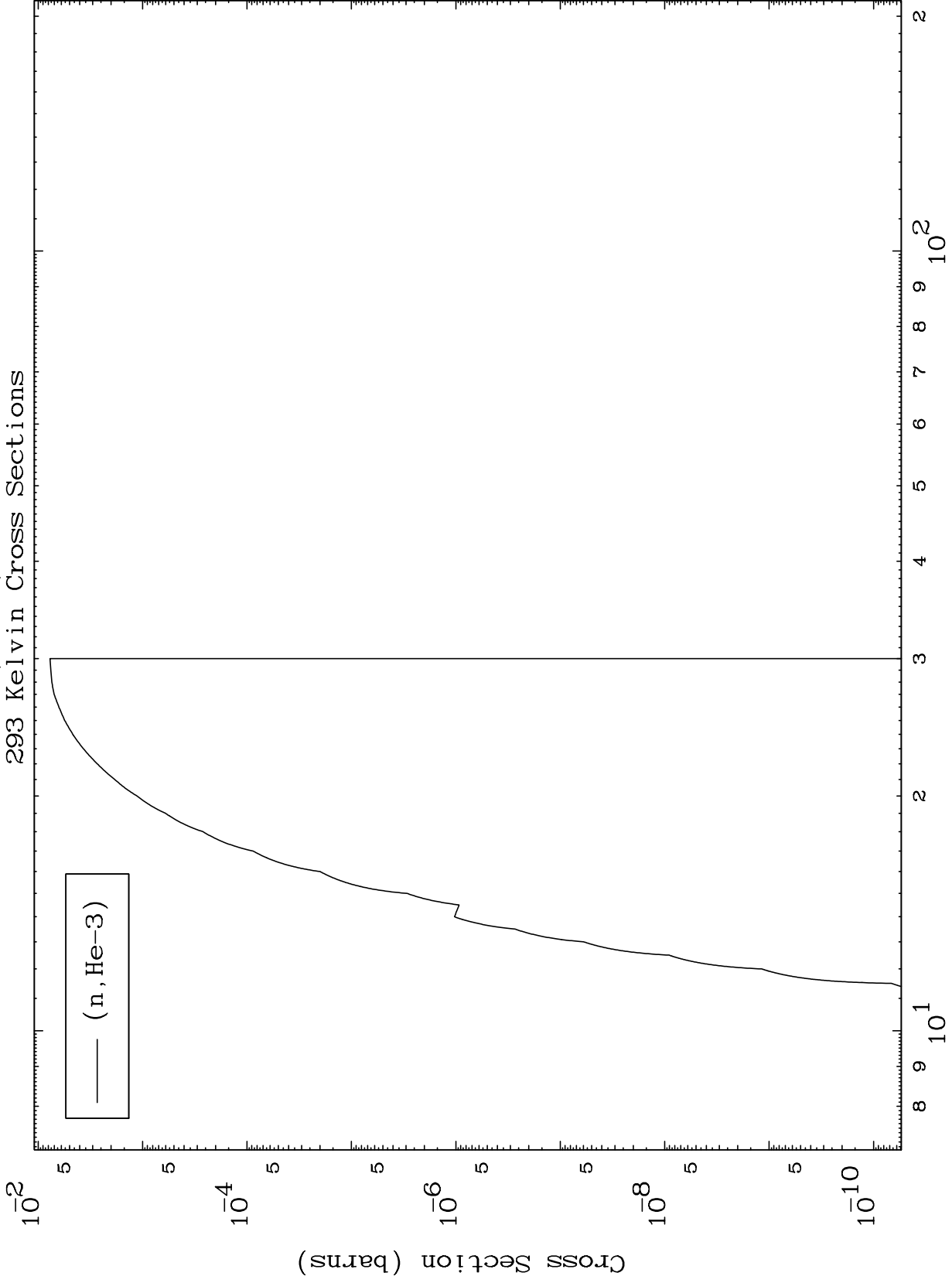
Incident Energy (MeV)

30-Zn-65

MAT 3028

(n,He3) Levels
293 Kelvin Cross Sections

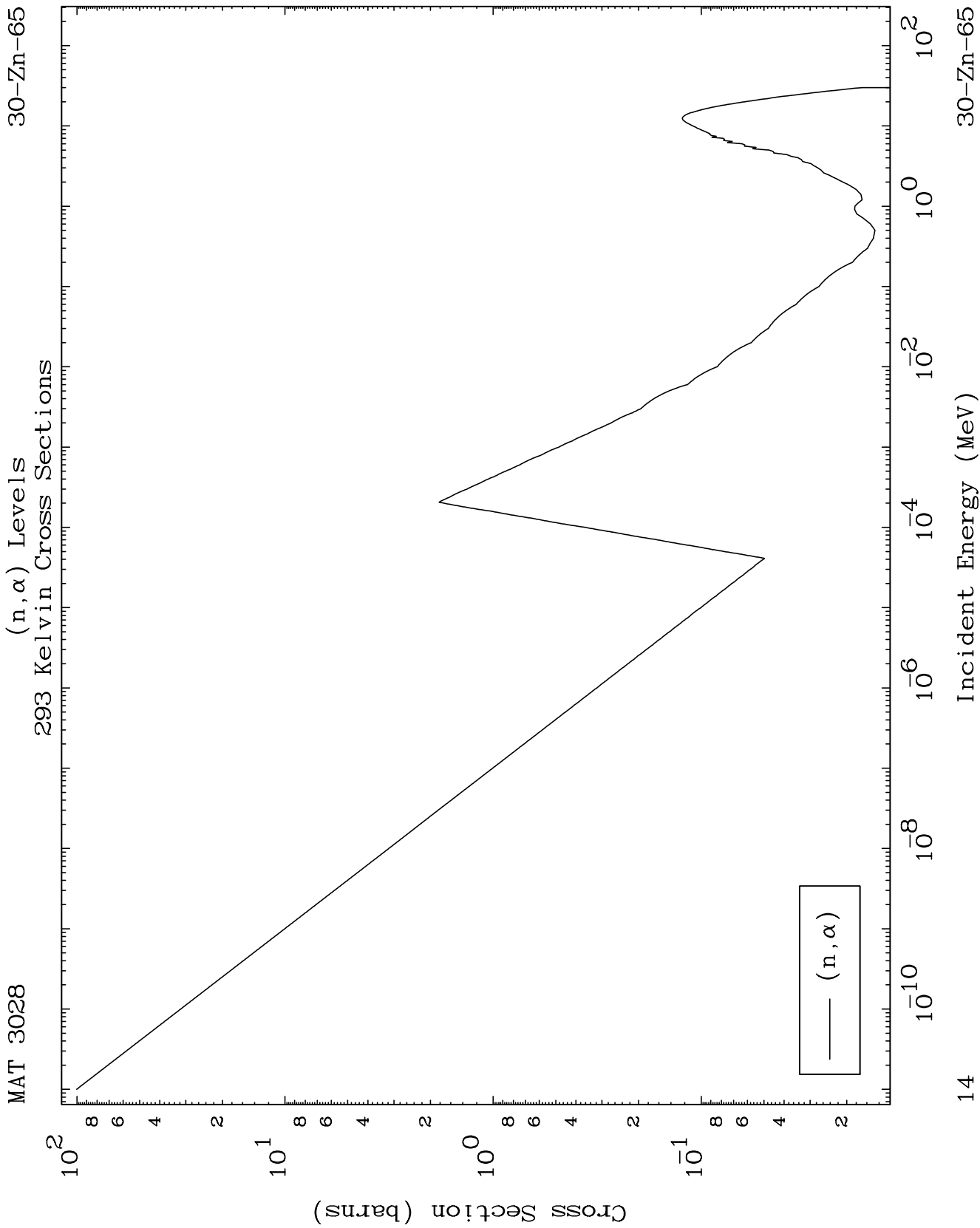
30-Zn-65

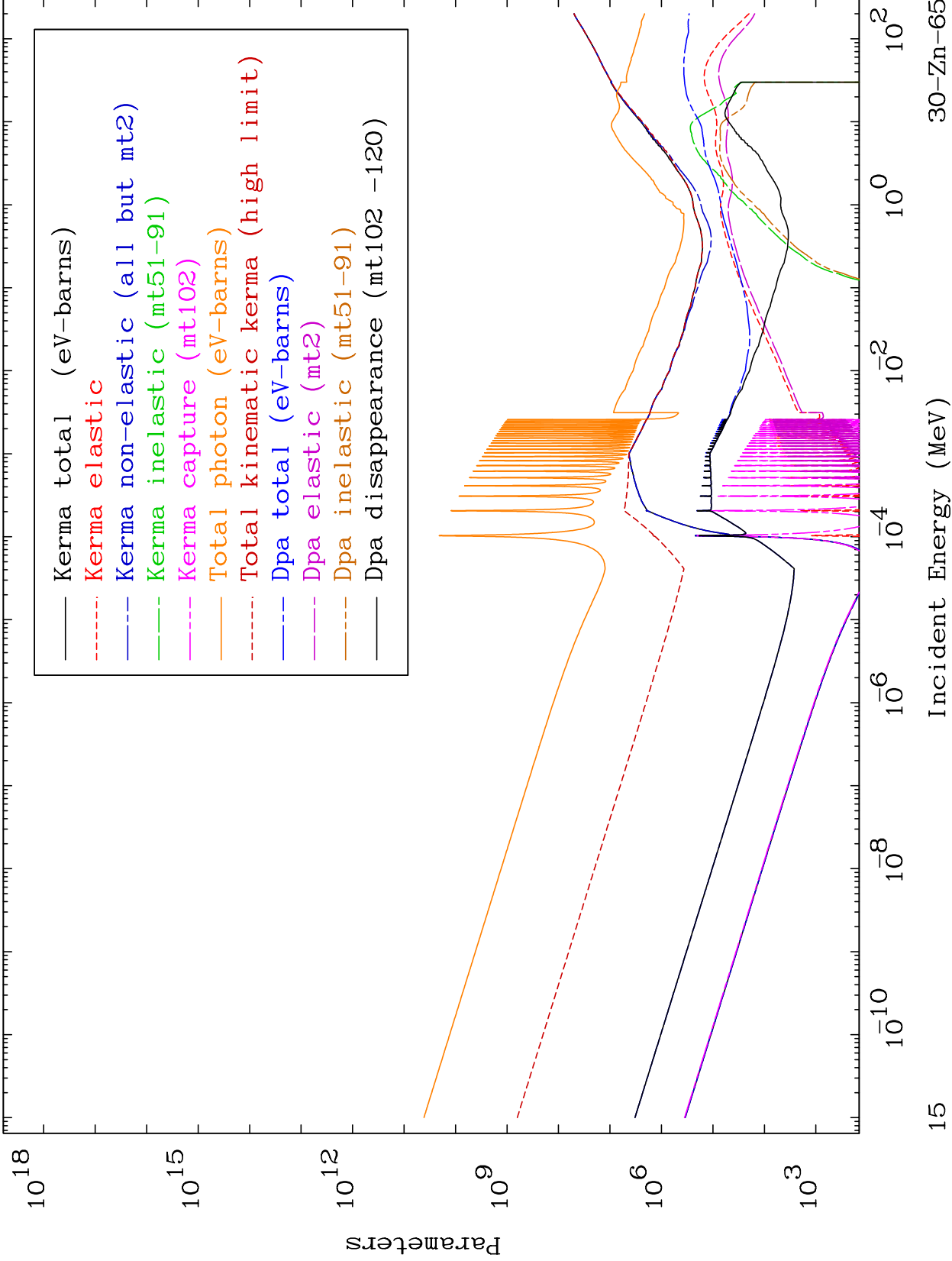


13

Incident Energy (MeV)

30-Zn-65





MAT 3028

Elastic Legendre Coefficients

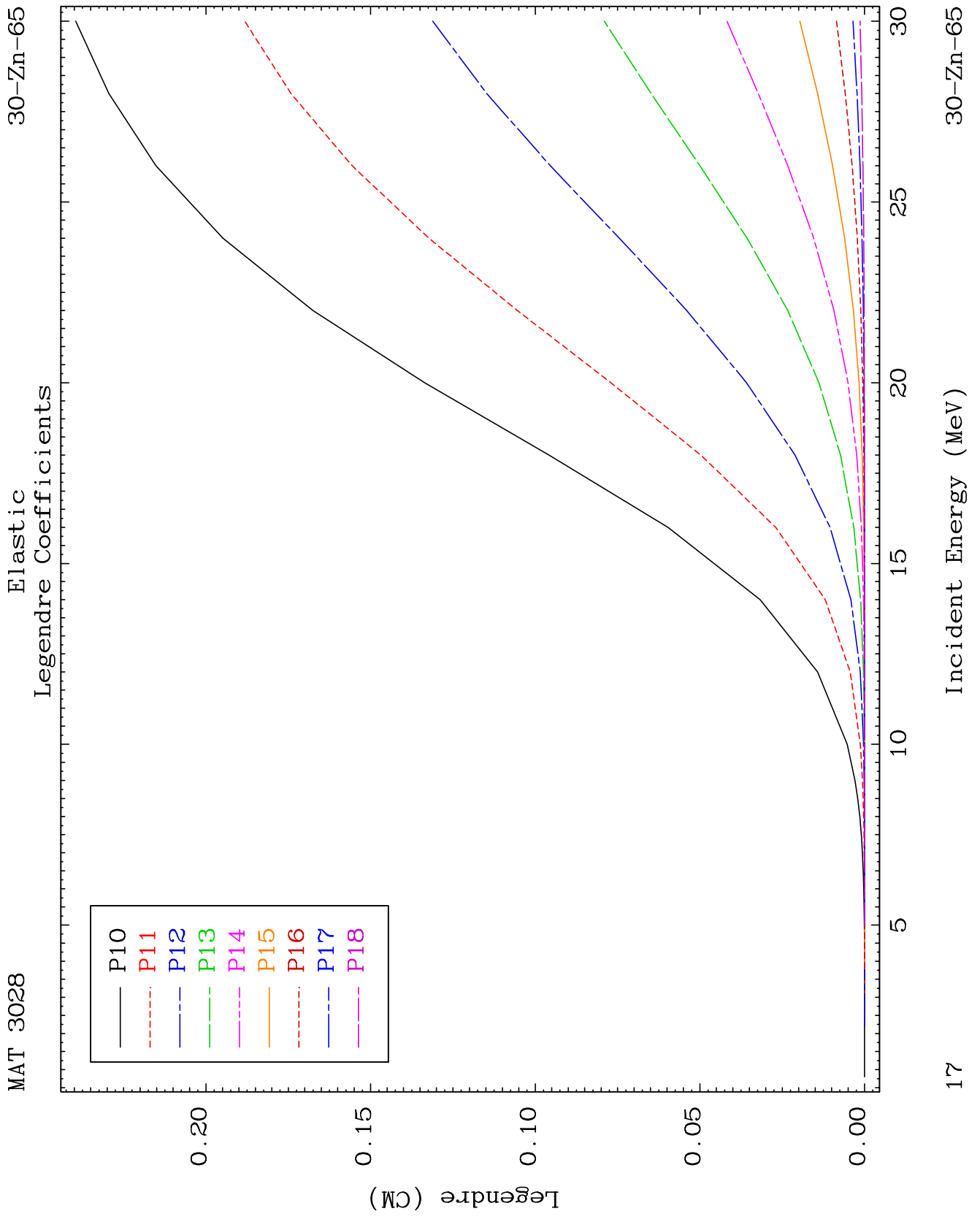
30-Zn-65



16

Incident Energy (MeV)

30-Zn-65



MAT 3028

Elastic Legendre Coefficients

$^{30}\text{Zn-65}$

17

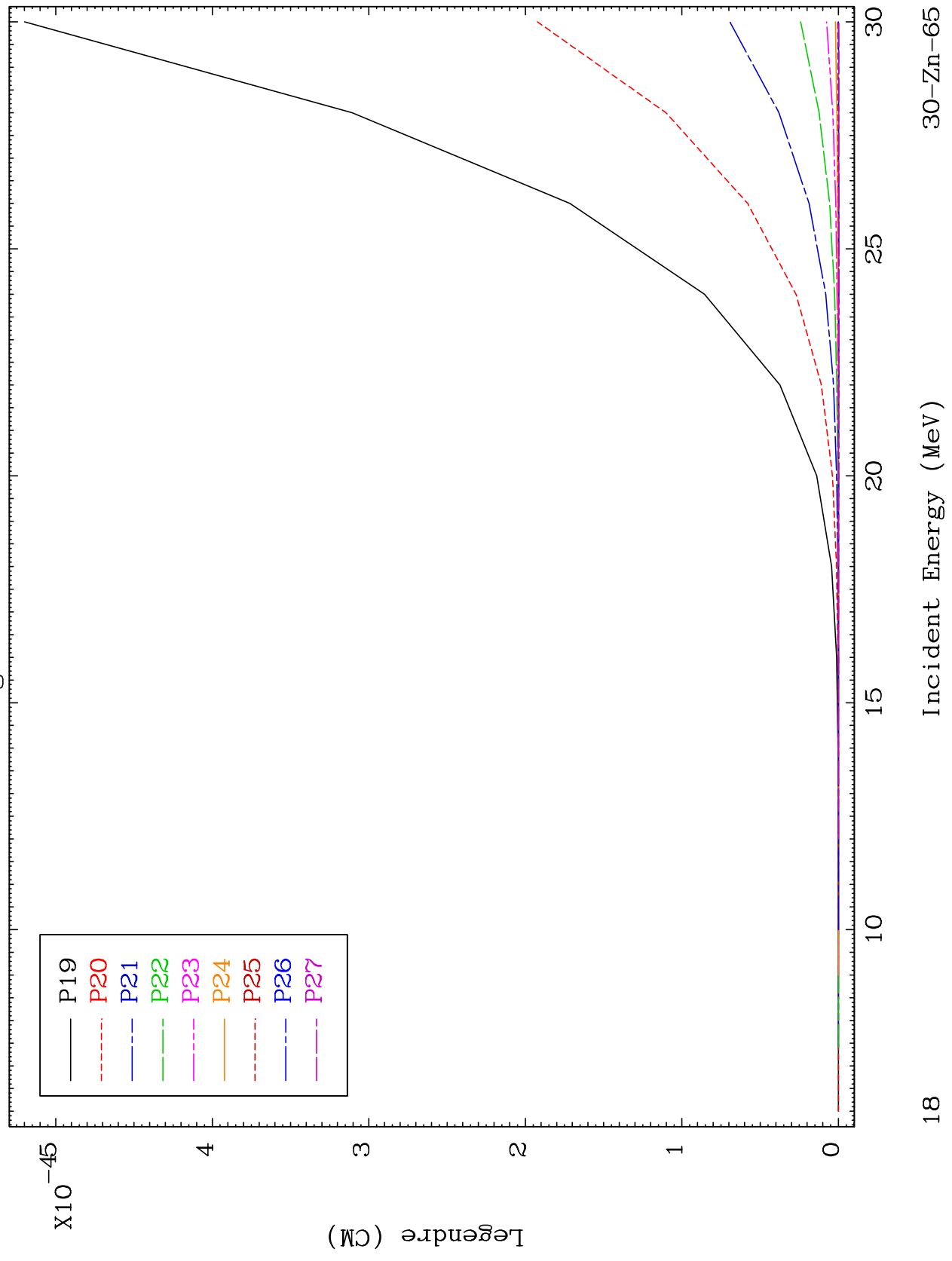
Incident Energy (MeV)

$^{30}\text{Zn-65}$

MAT 3028

Elastic Legendre Coefficients

30-Zn-65



18

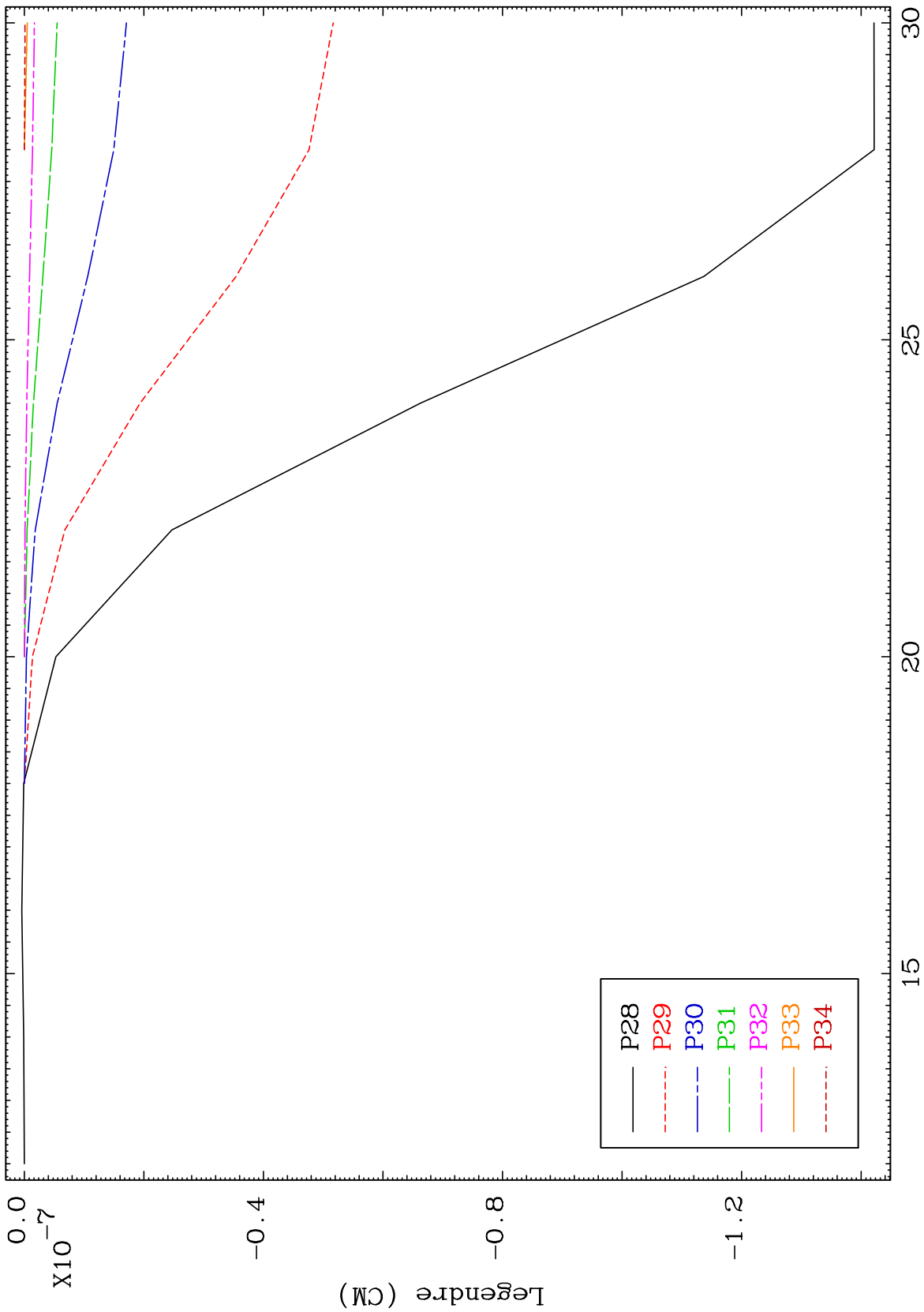
Incident Energy (MeV)

30-Zn-65

MAT 3028

30-Zn-65

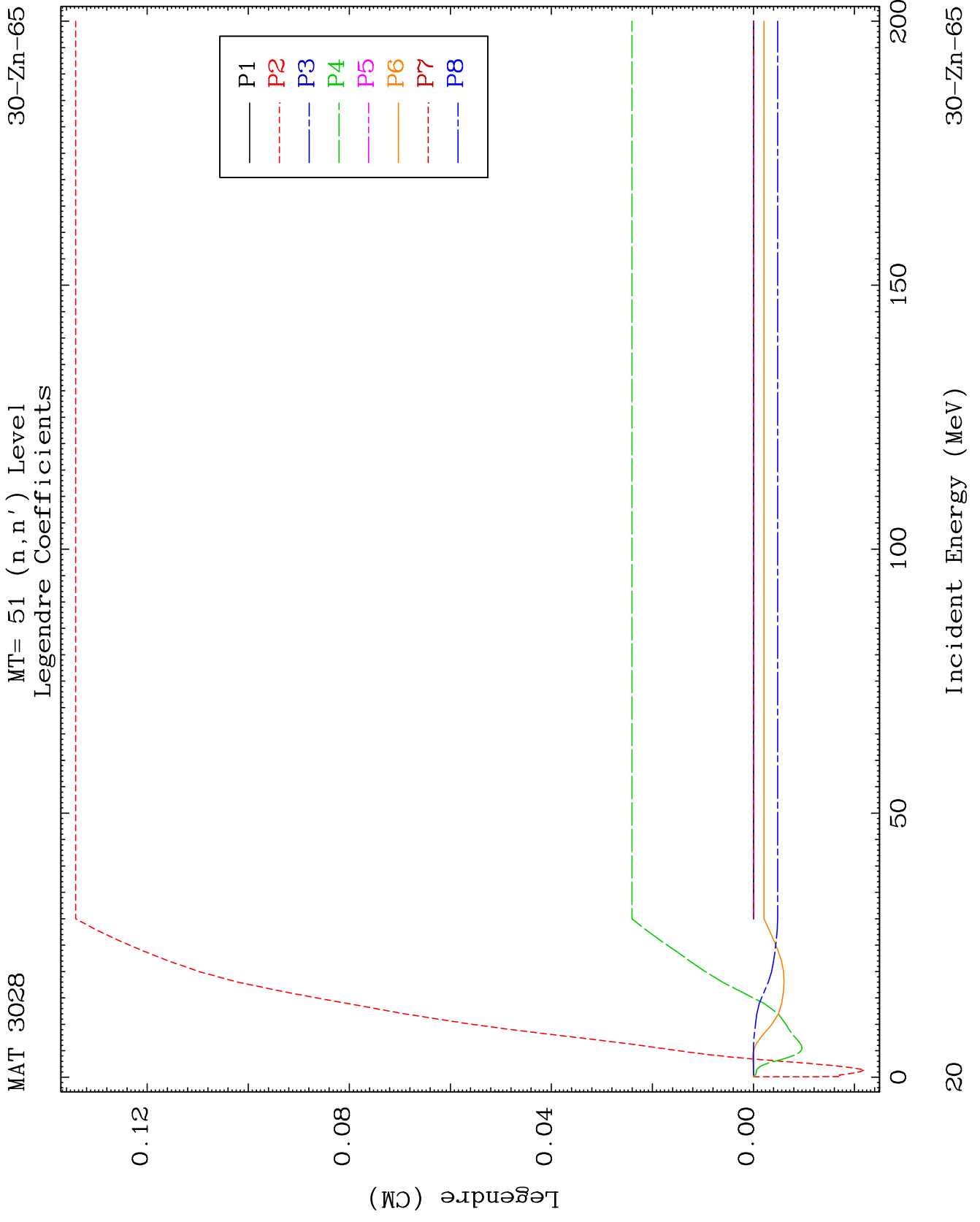
Elastic Legendre Coefficients

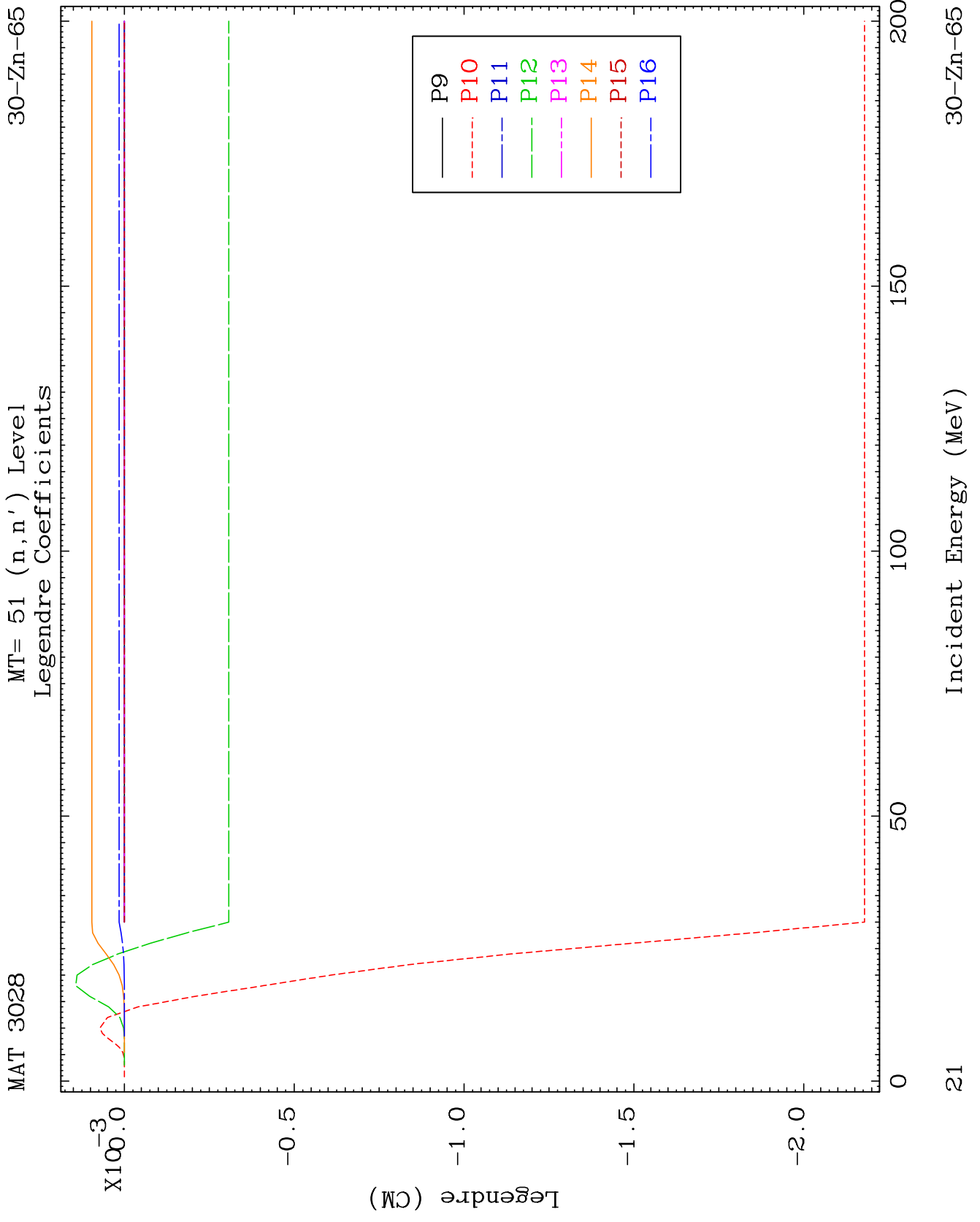


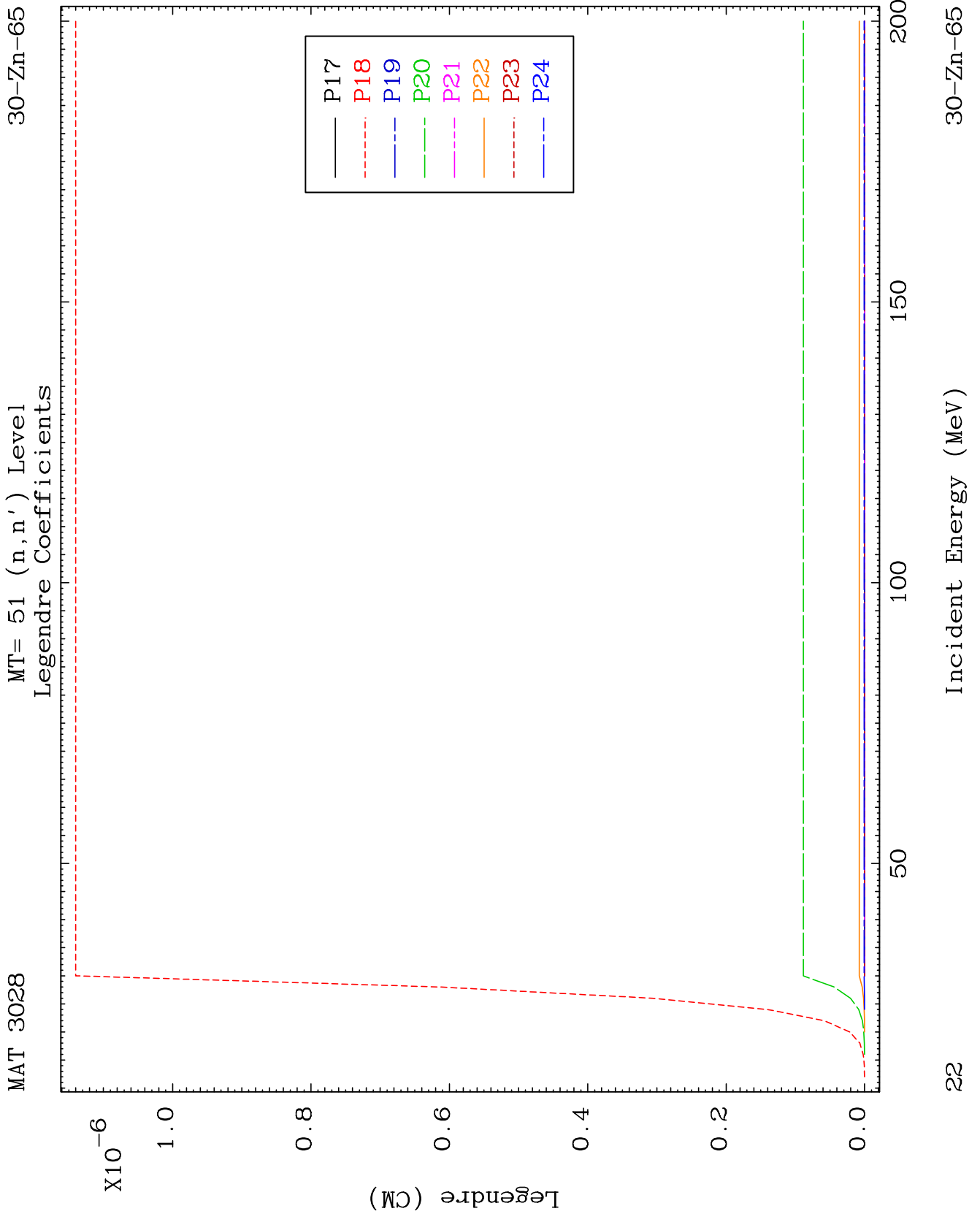
19

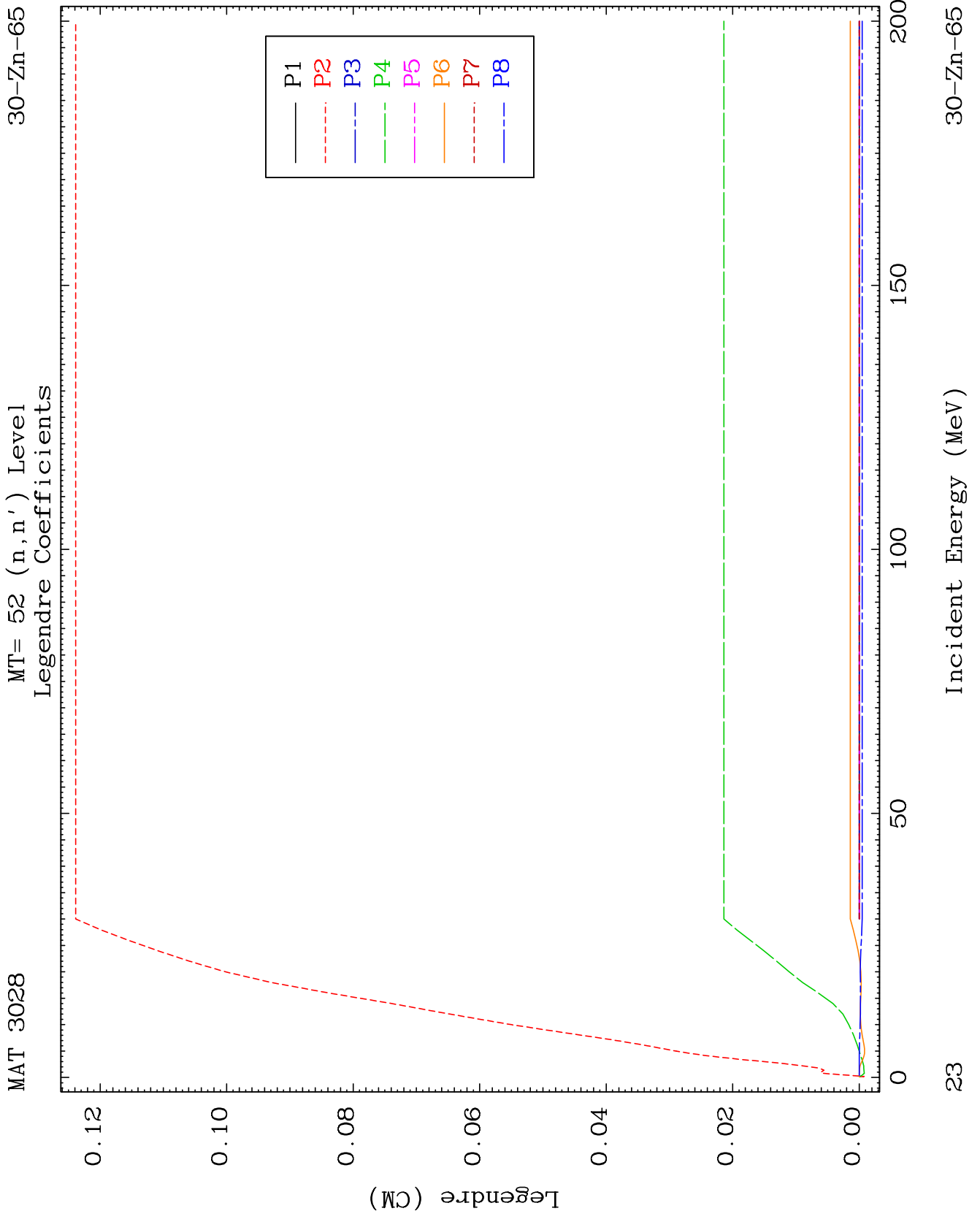
Incident Energy (MeV)

30-Zn-65





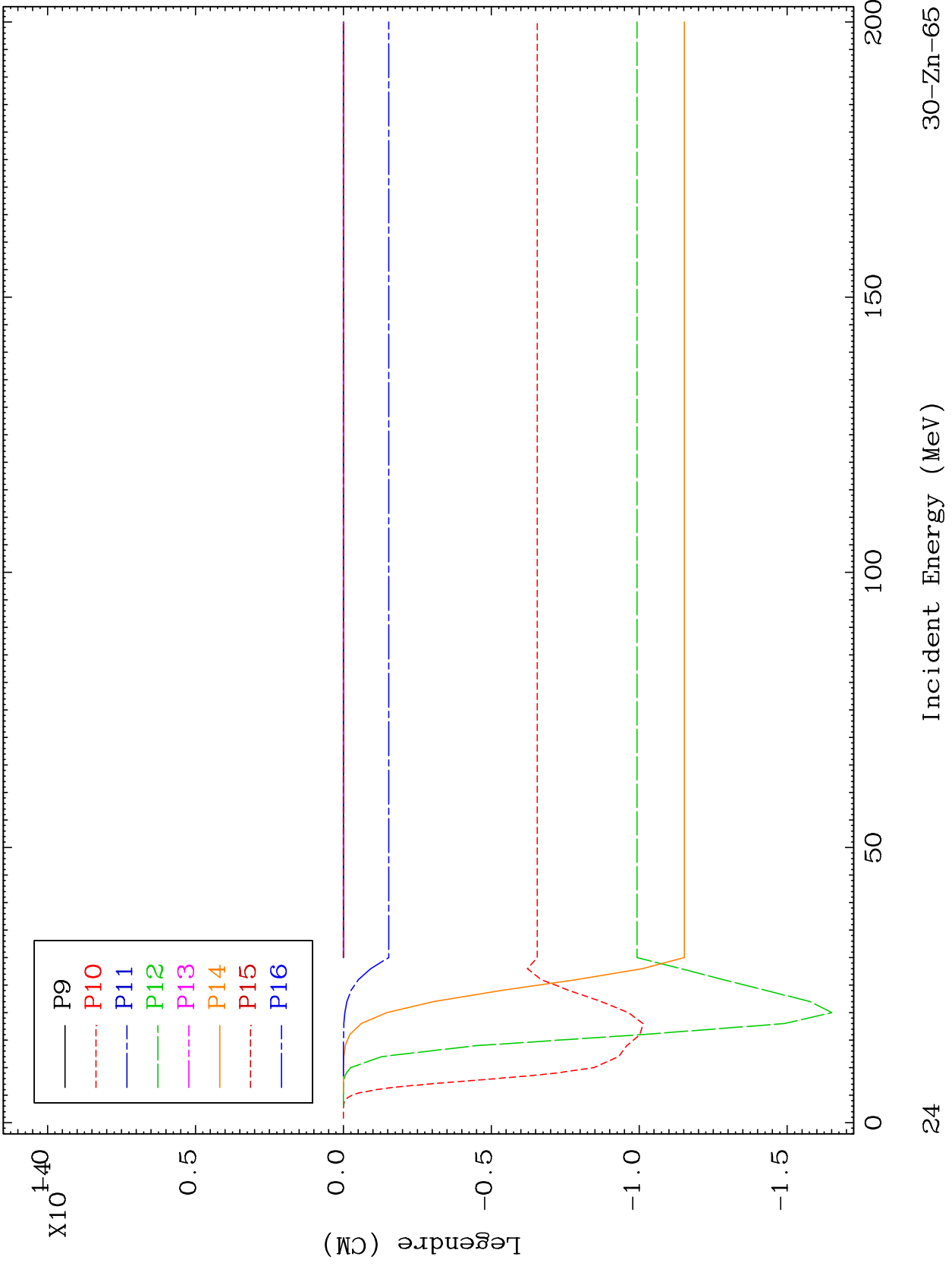


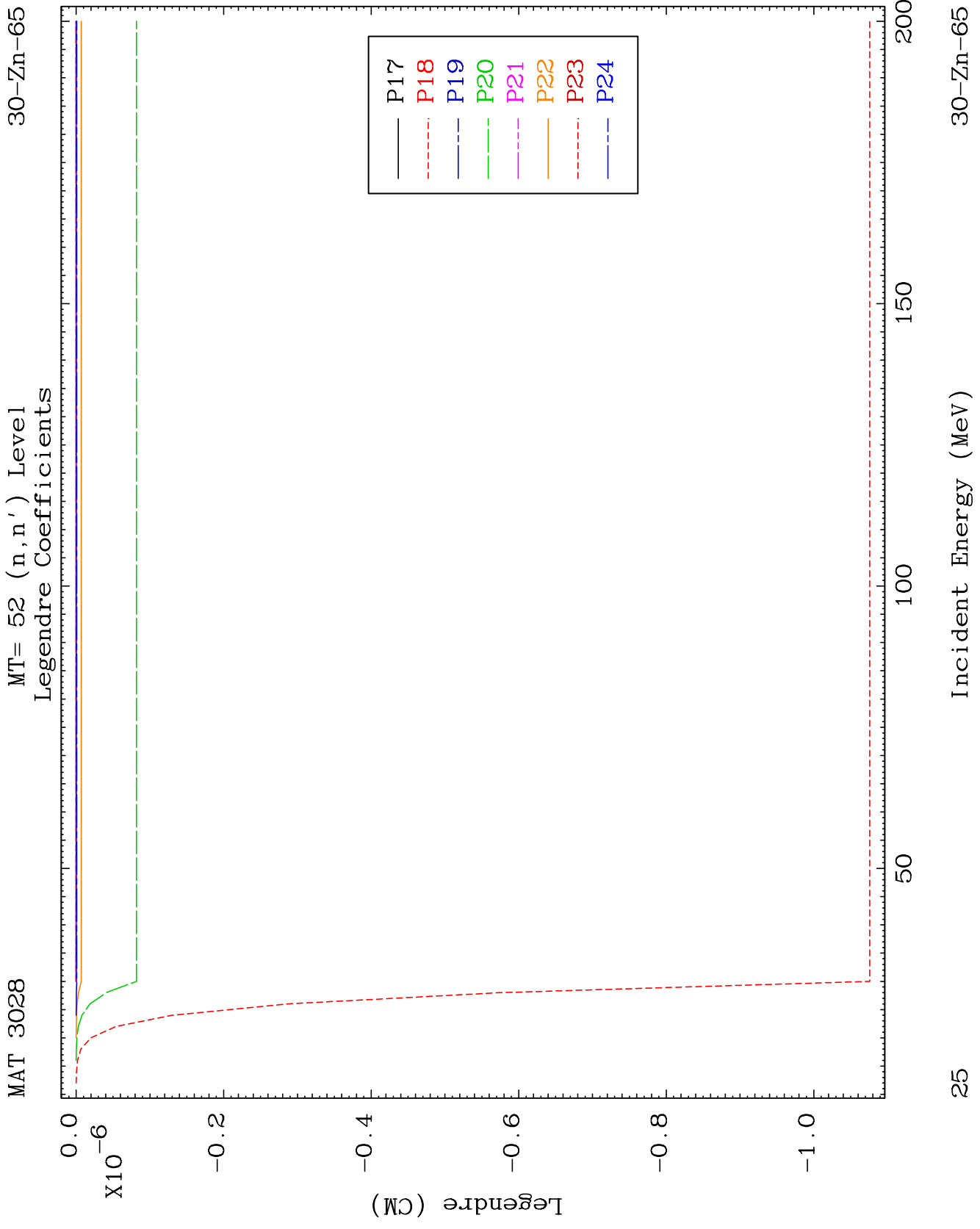


MAT 3028

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

30-Zn-65

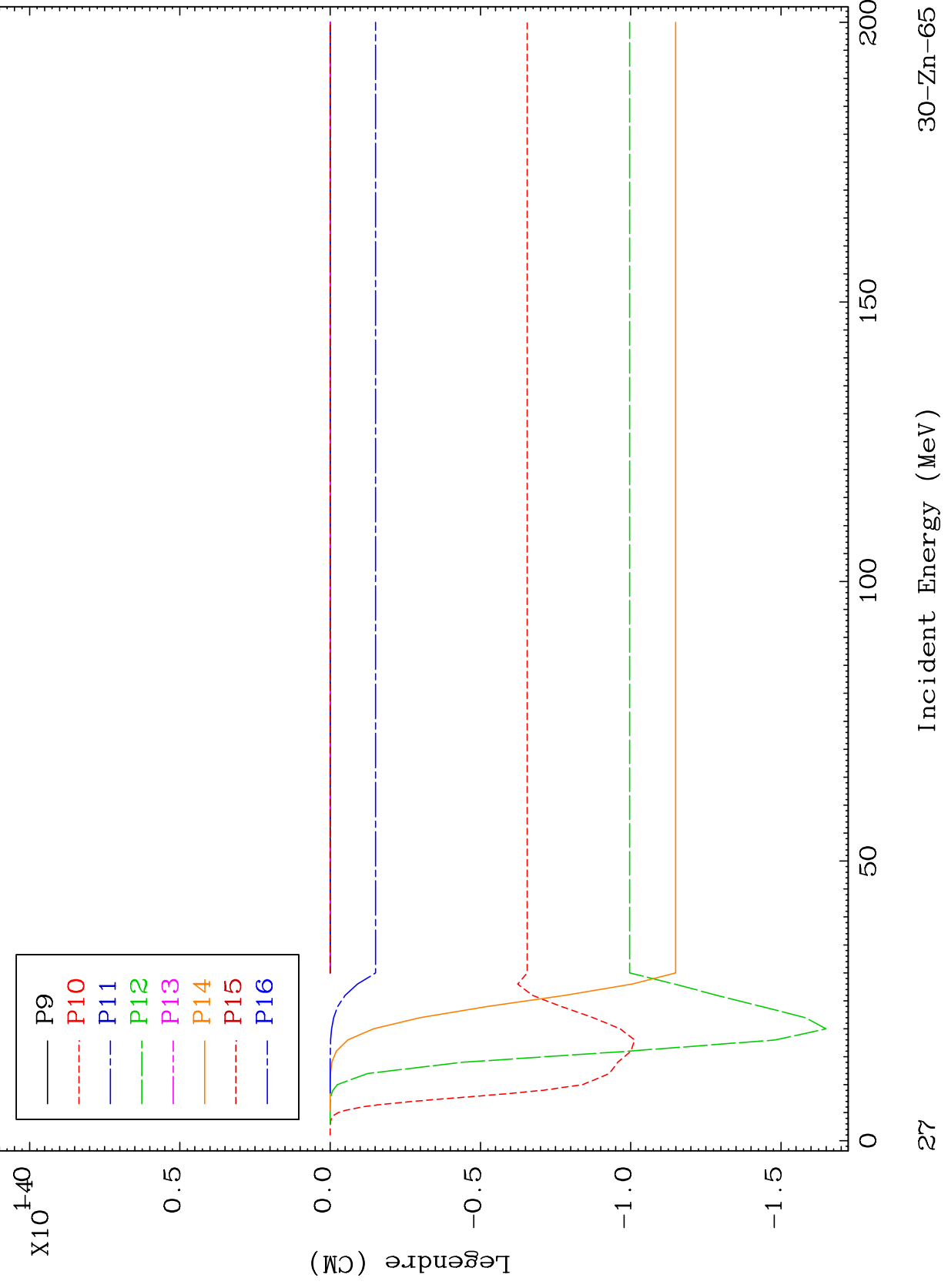


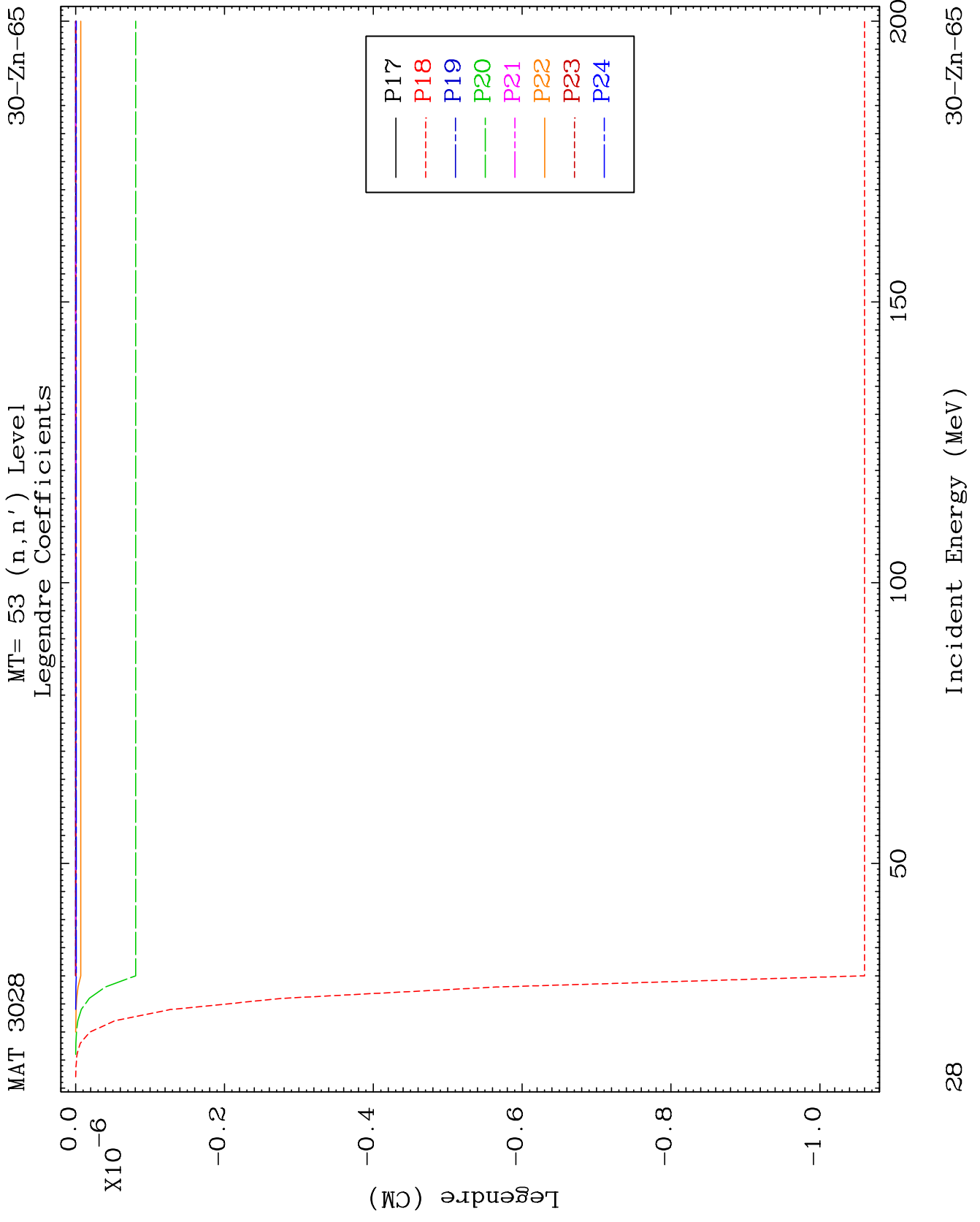


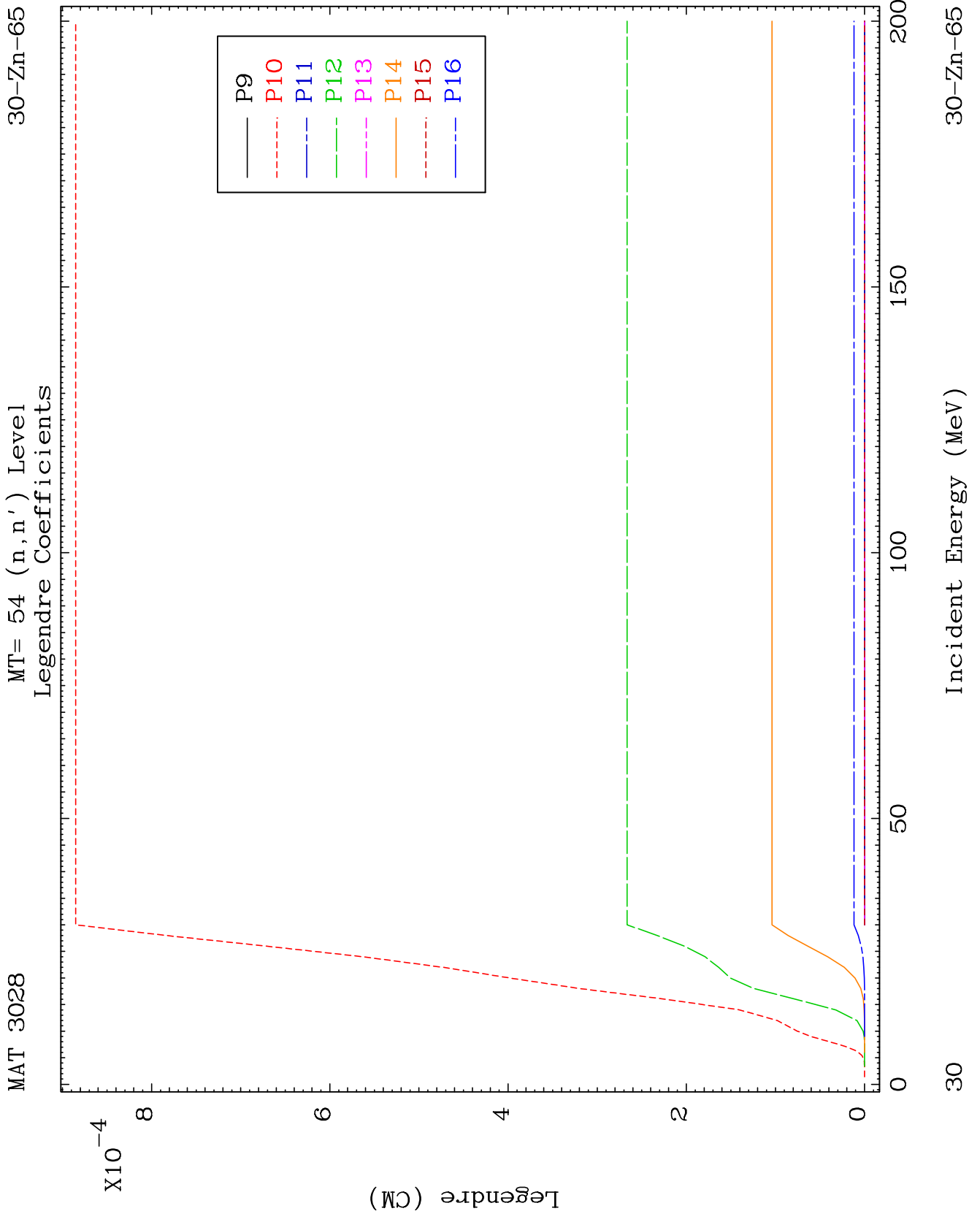
MAT 3028

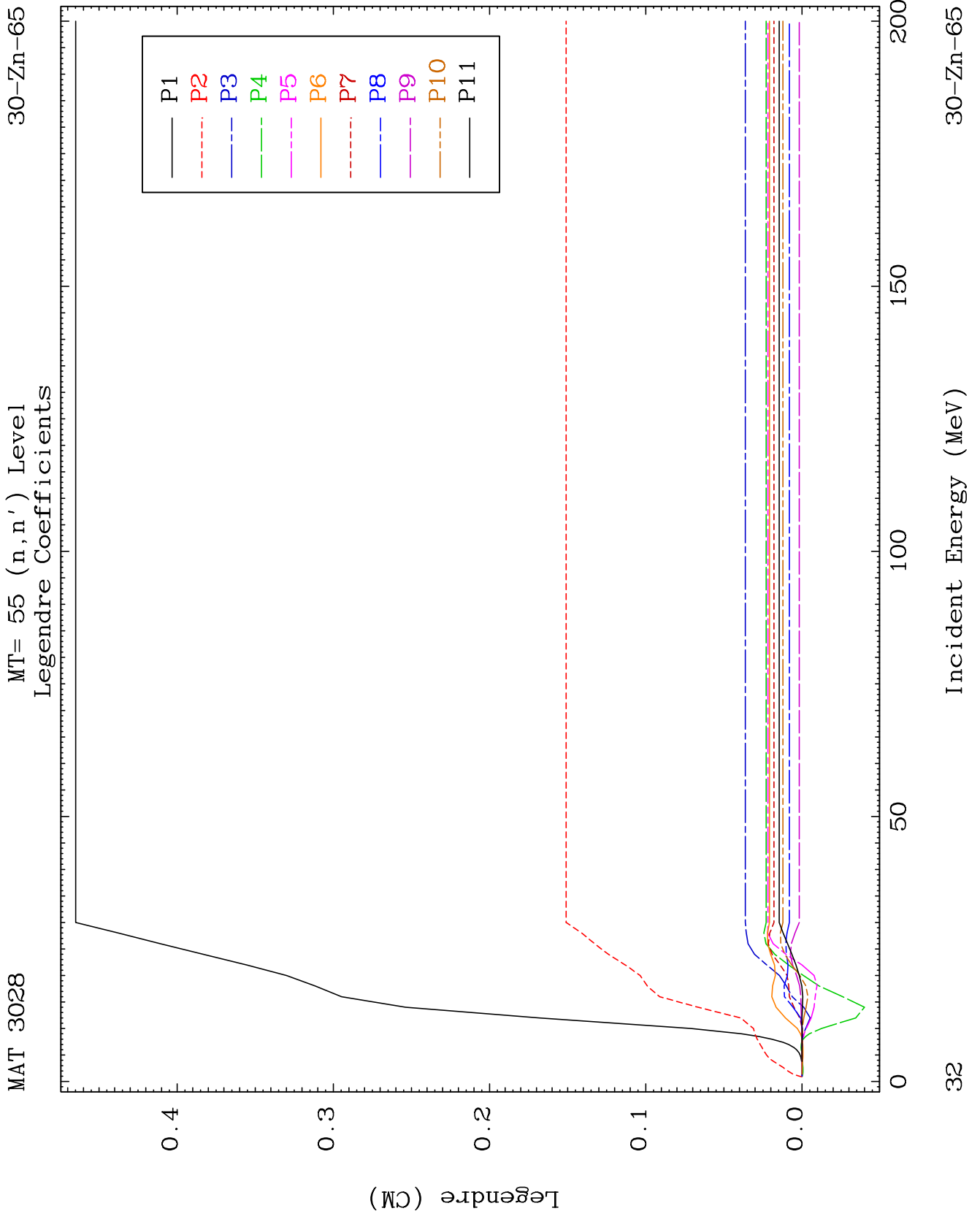
MT= 53 (n,n') Level
Legendre Coefficients

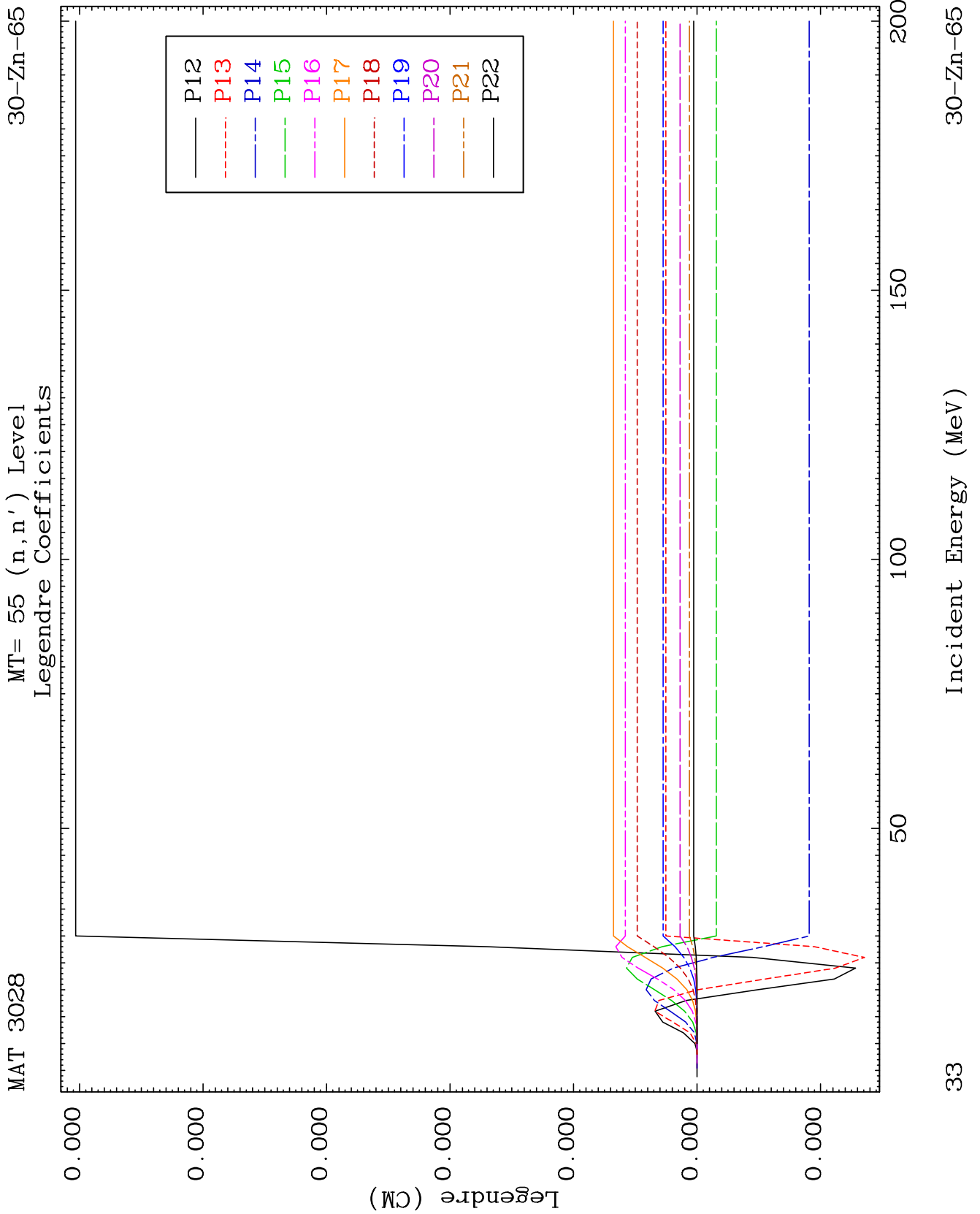
30-Zn-65







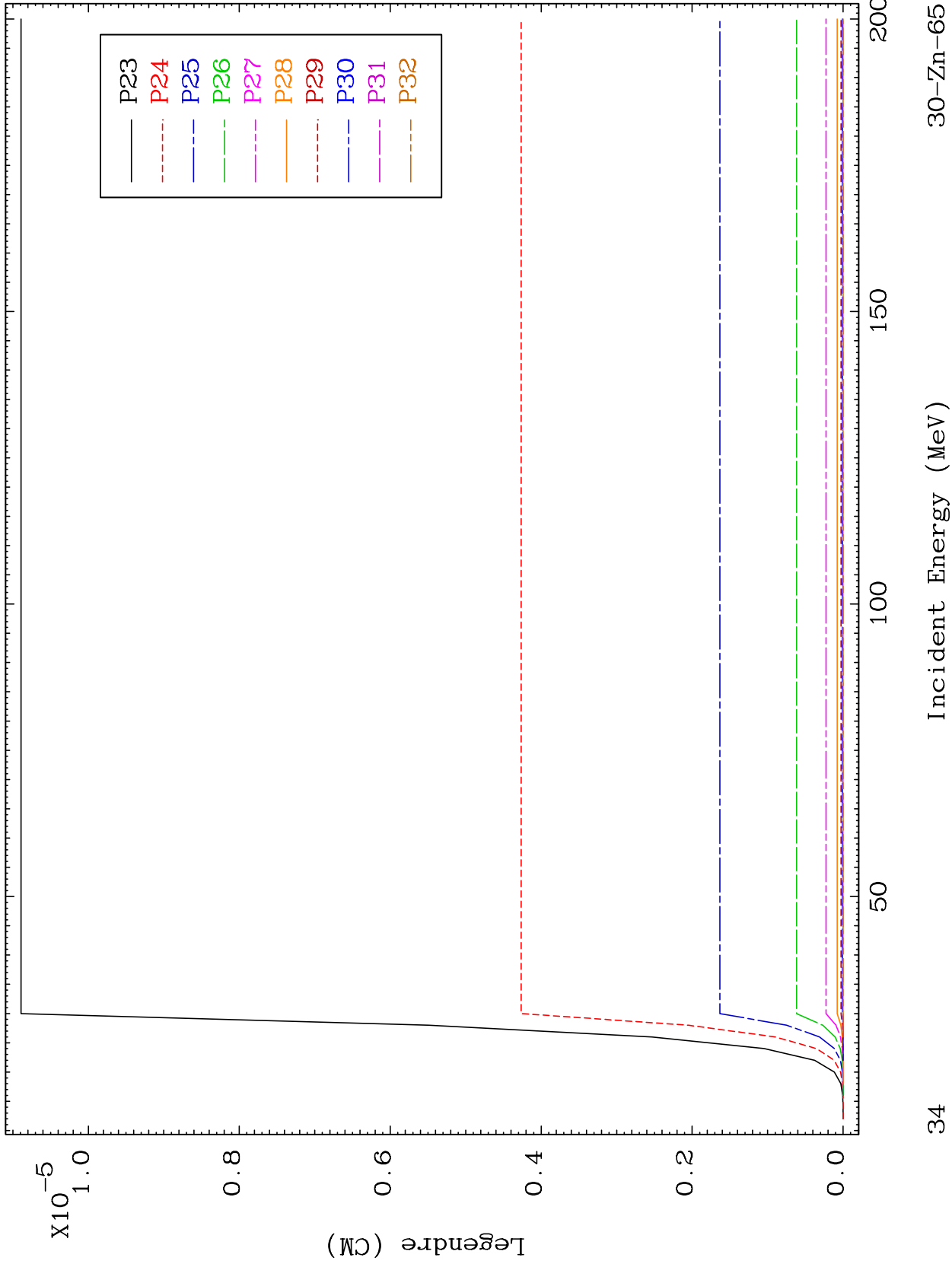


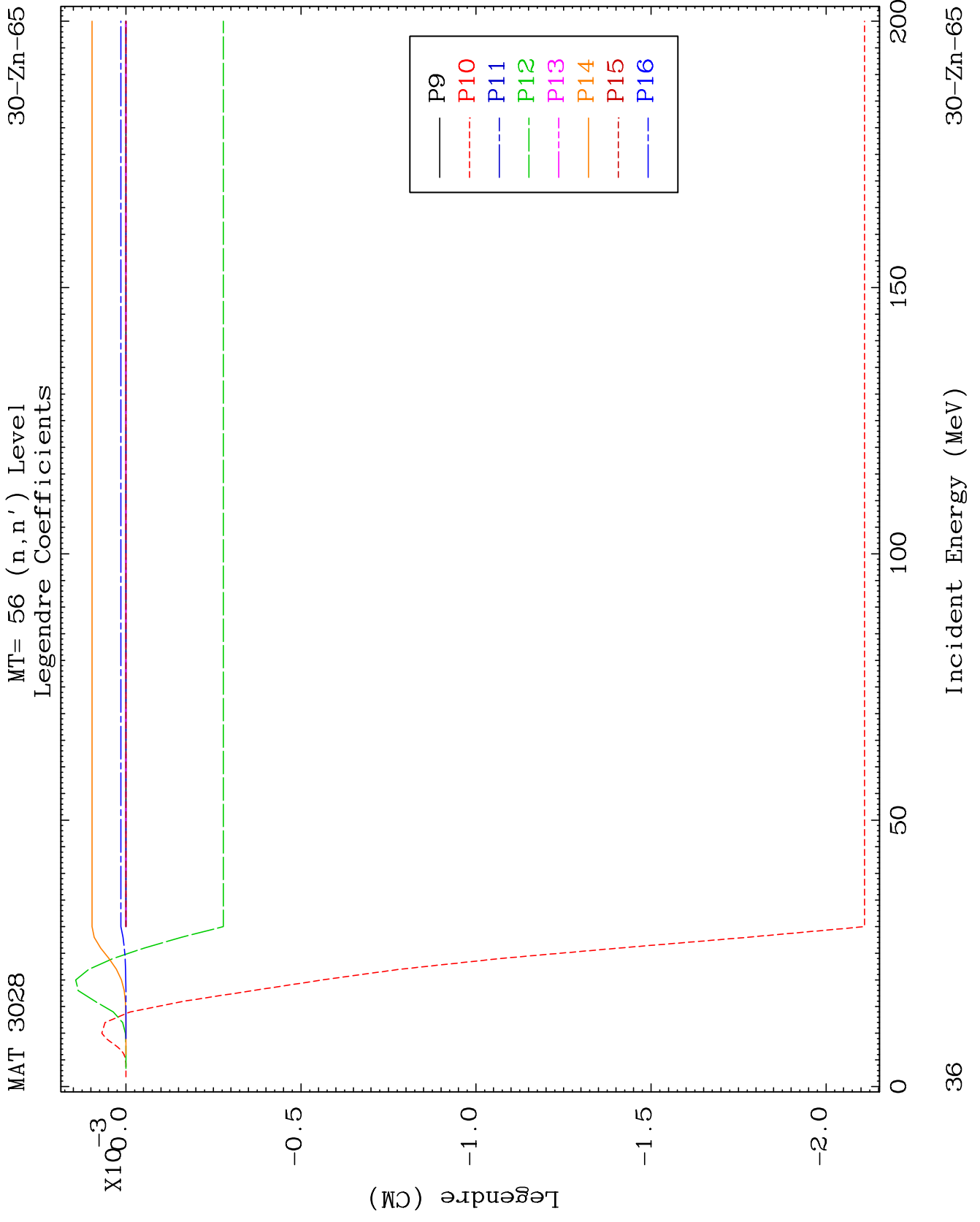


MAT 3028

MT= 55 (n,n') Level
Legendre Coefficients

30-Zn-65

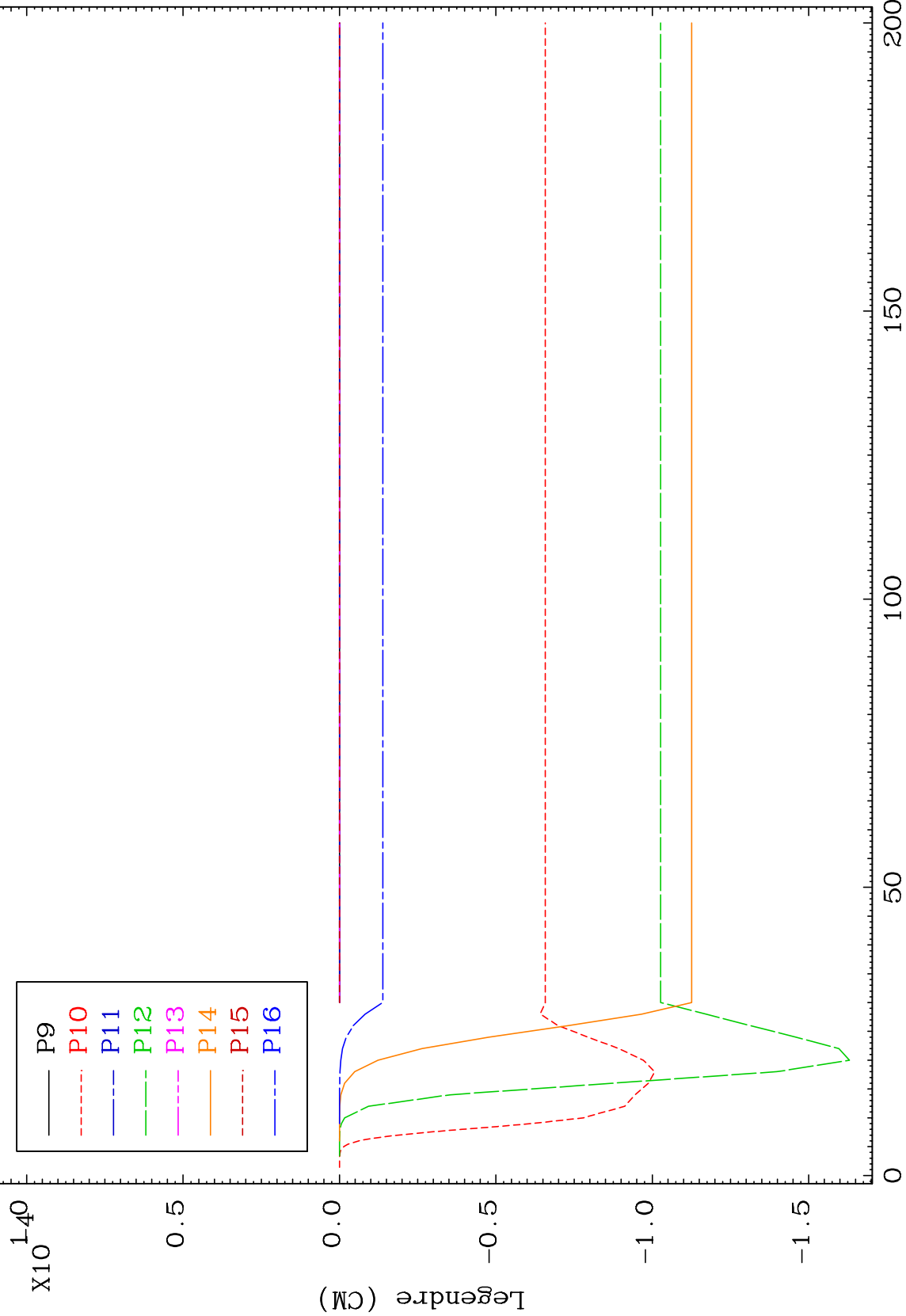




MAT 3028

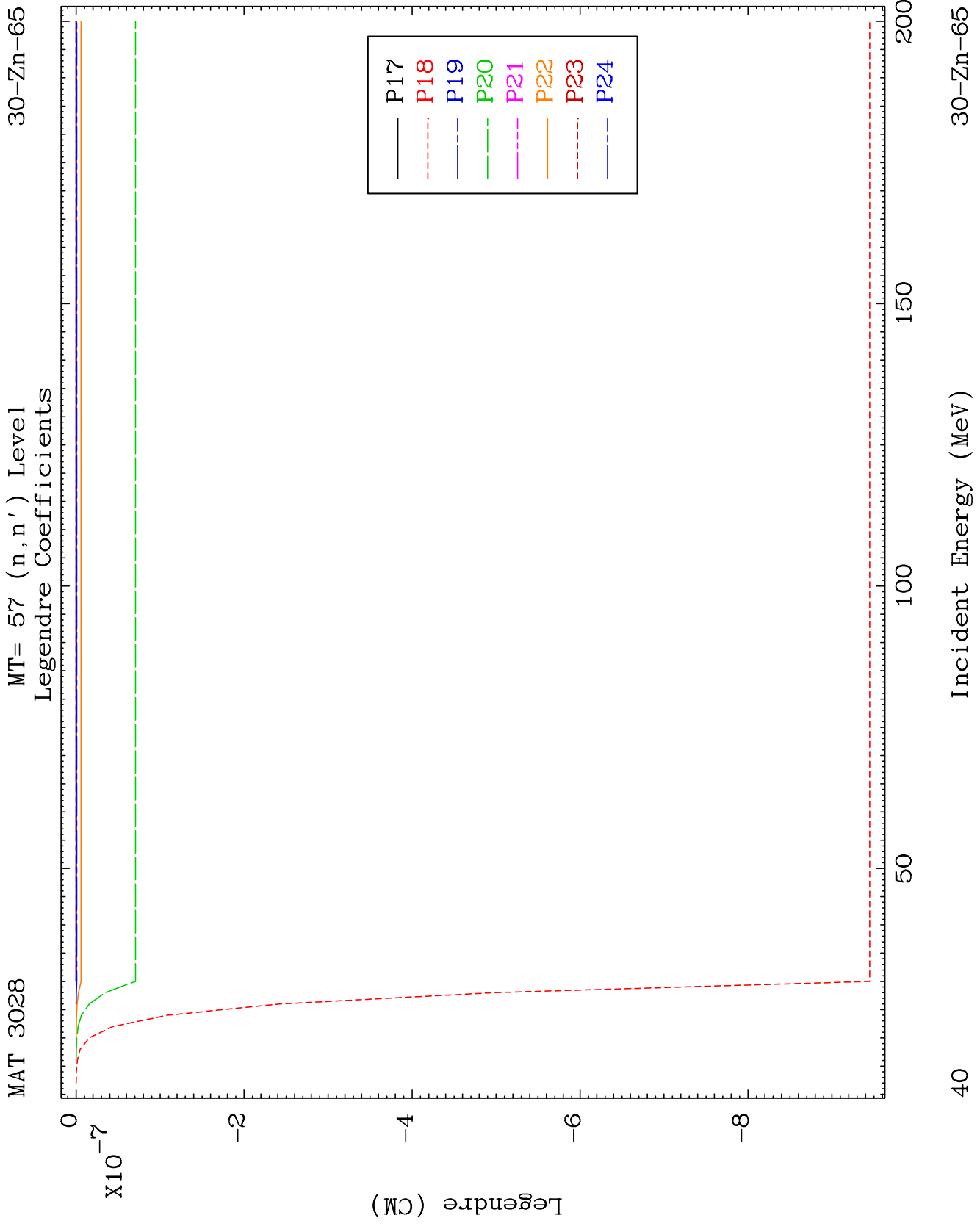
MT= 57 (n,n') Level
Legendre Coefficients

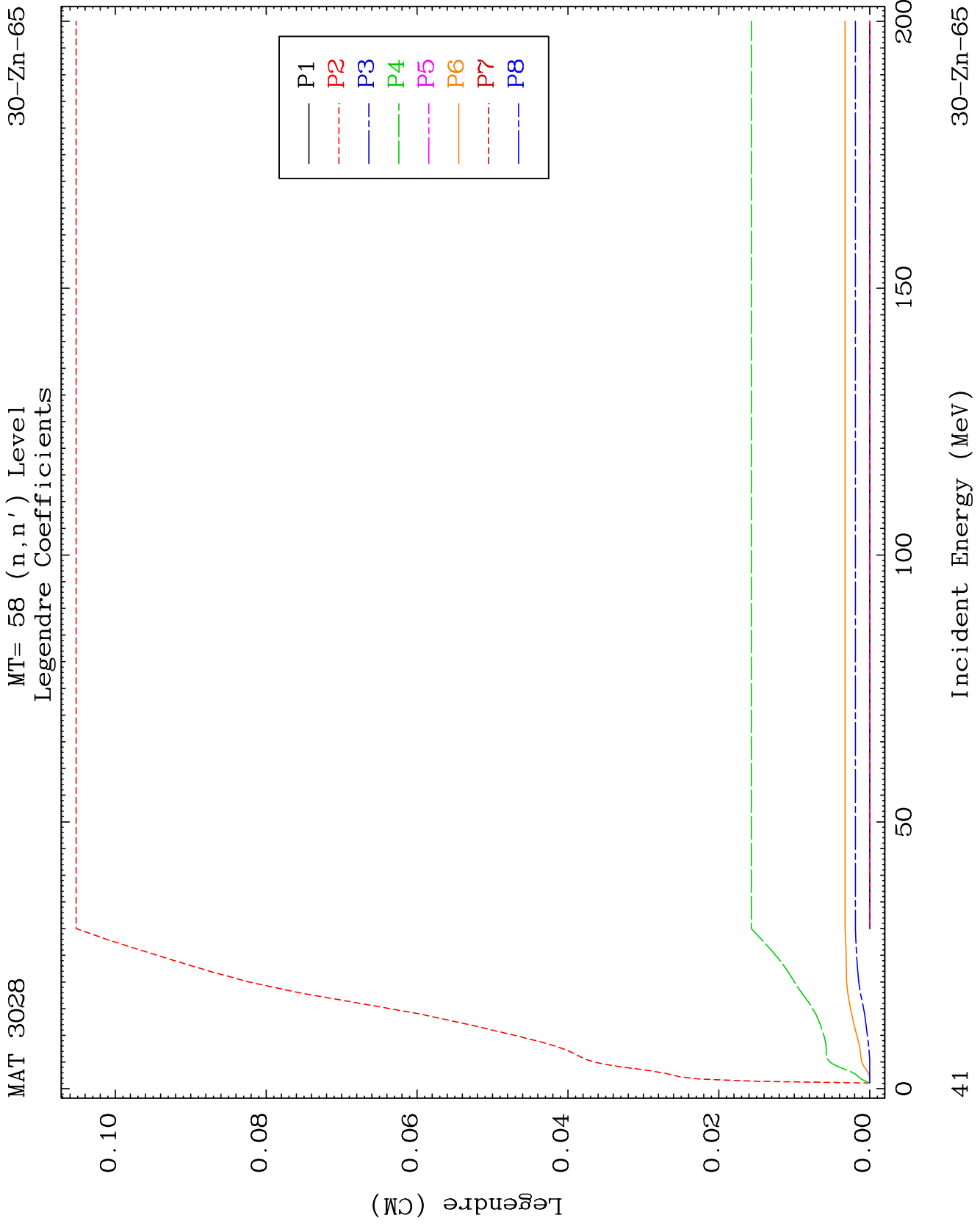
30-Zn-65

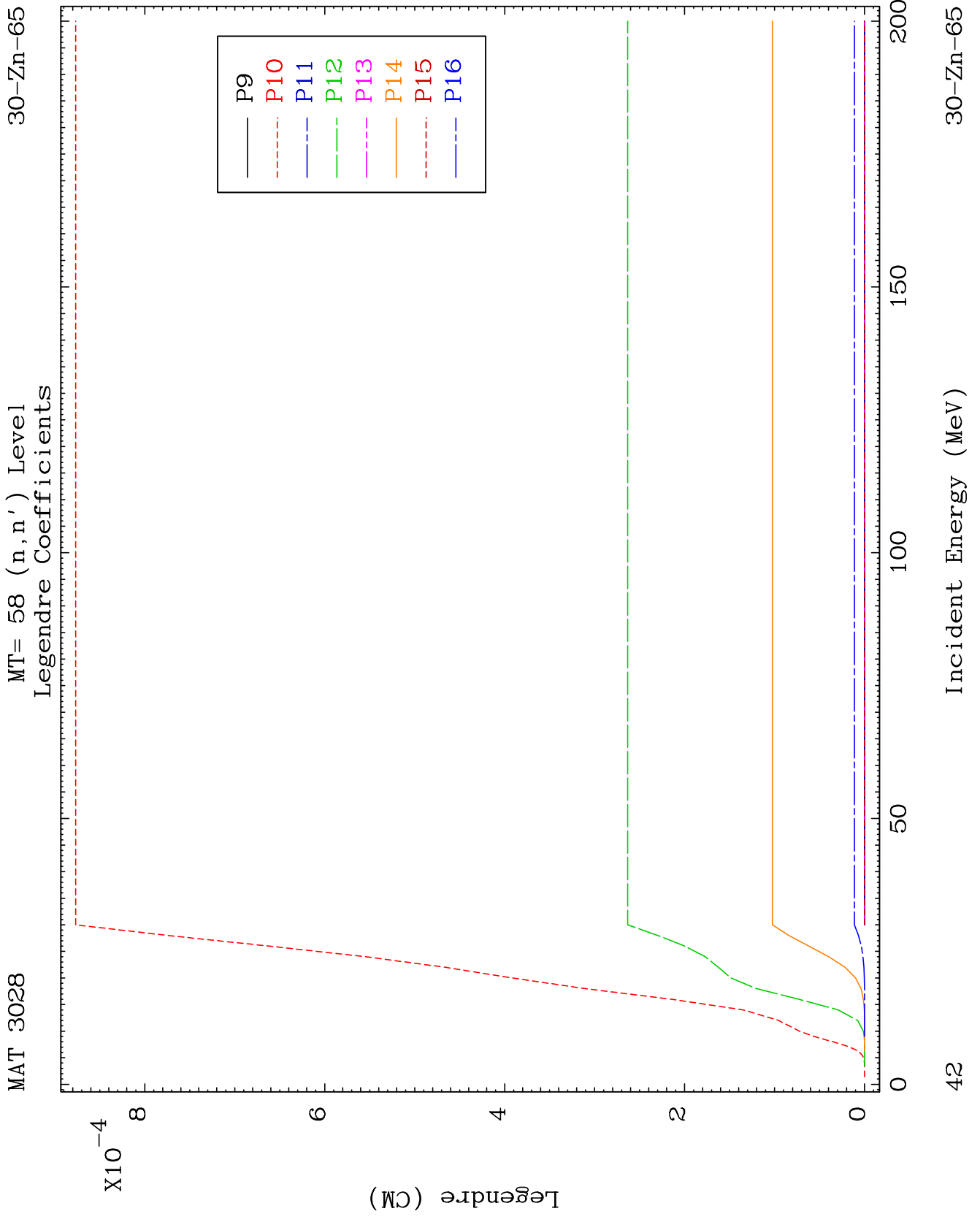


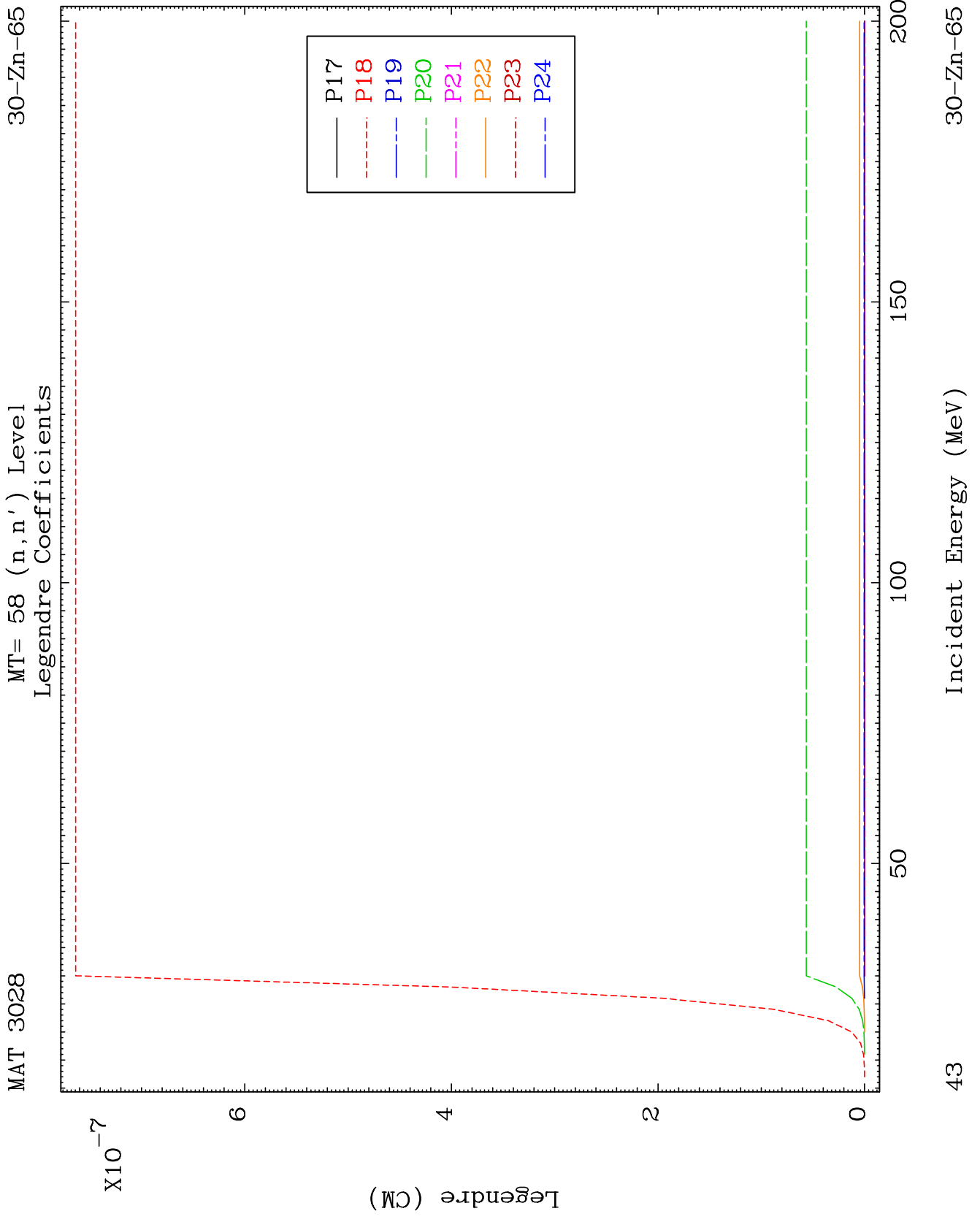
39

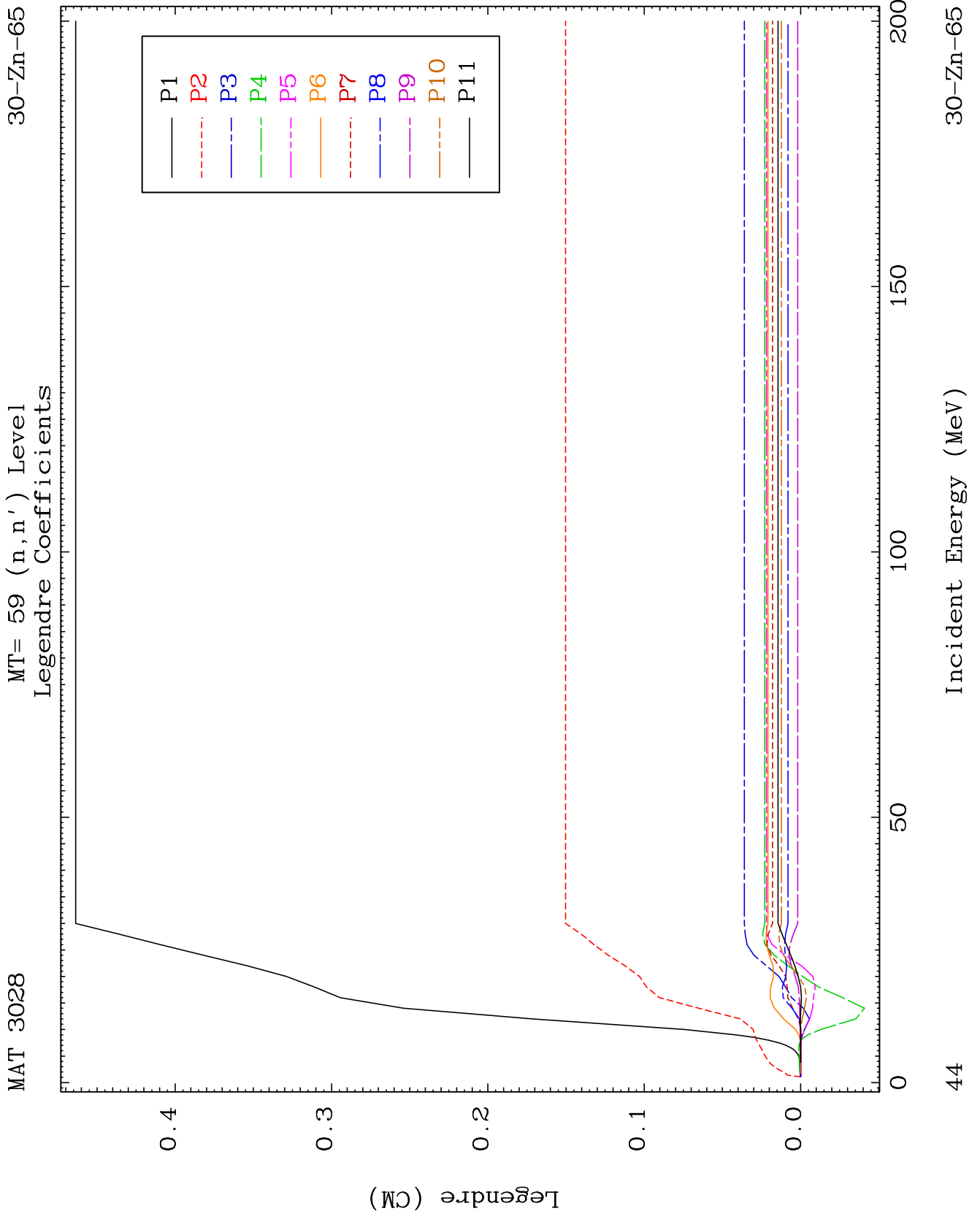
30-Zn-65

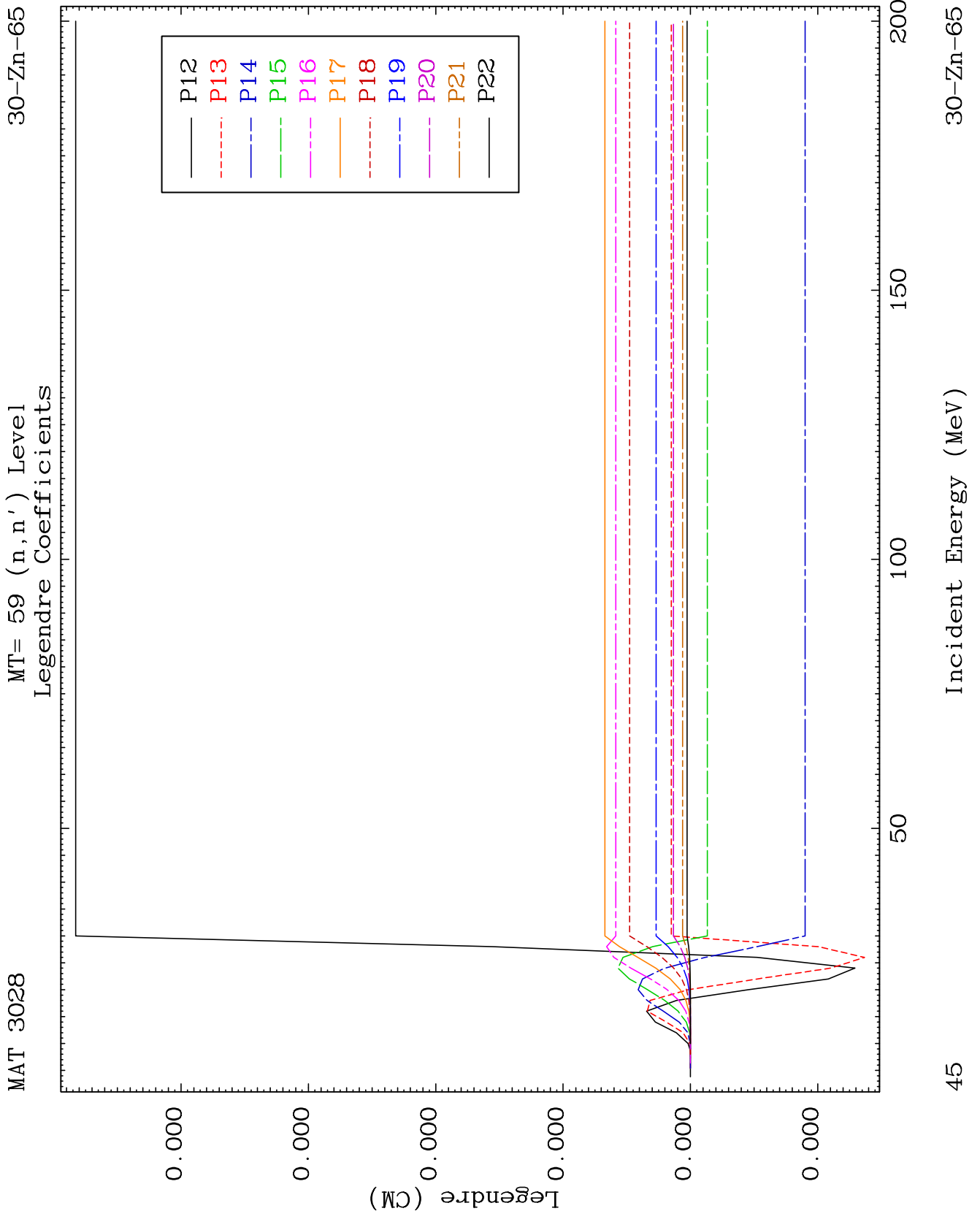


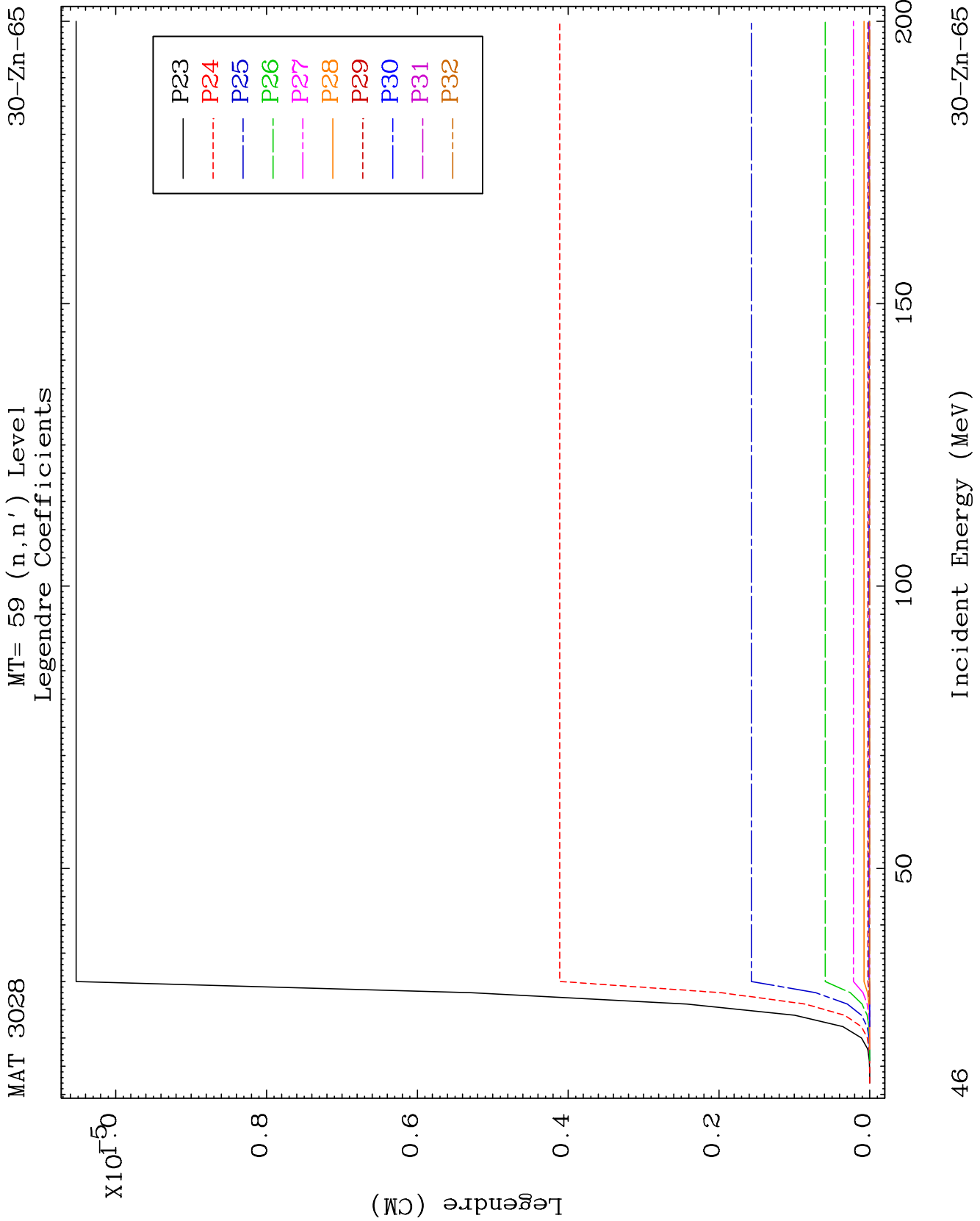








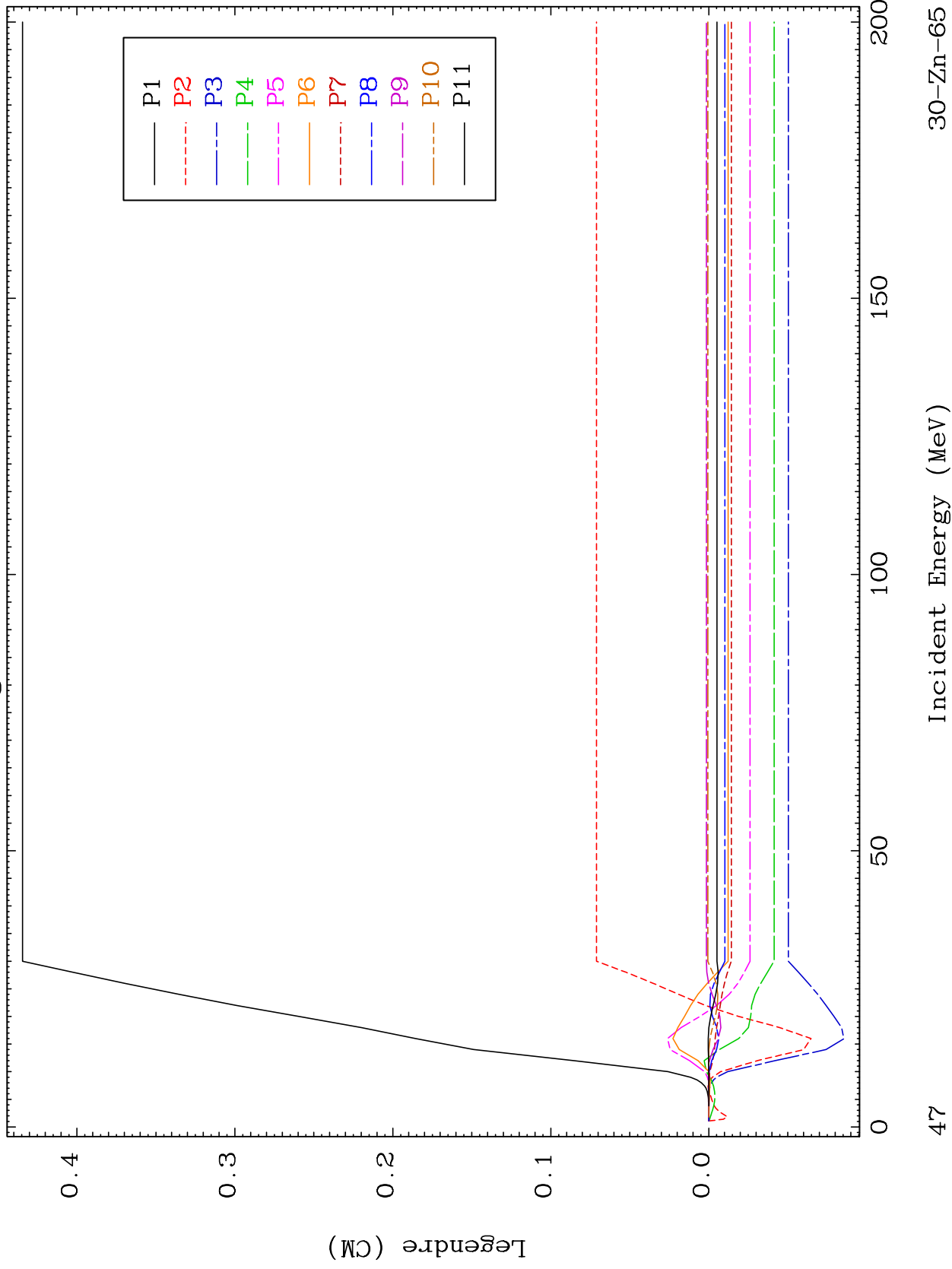




MAT 3028

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

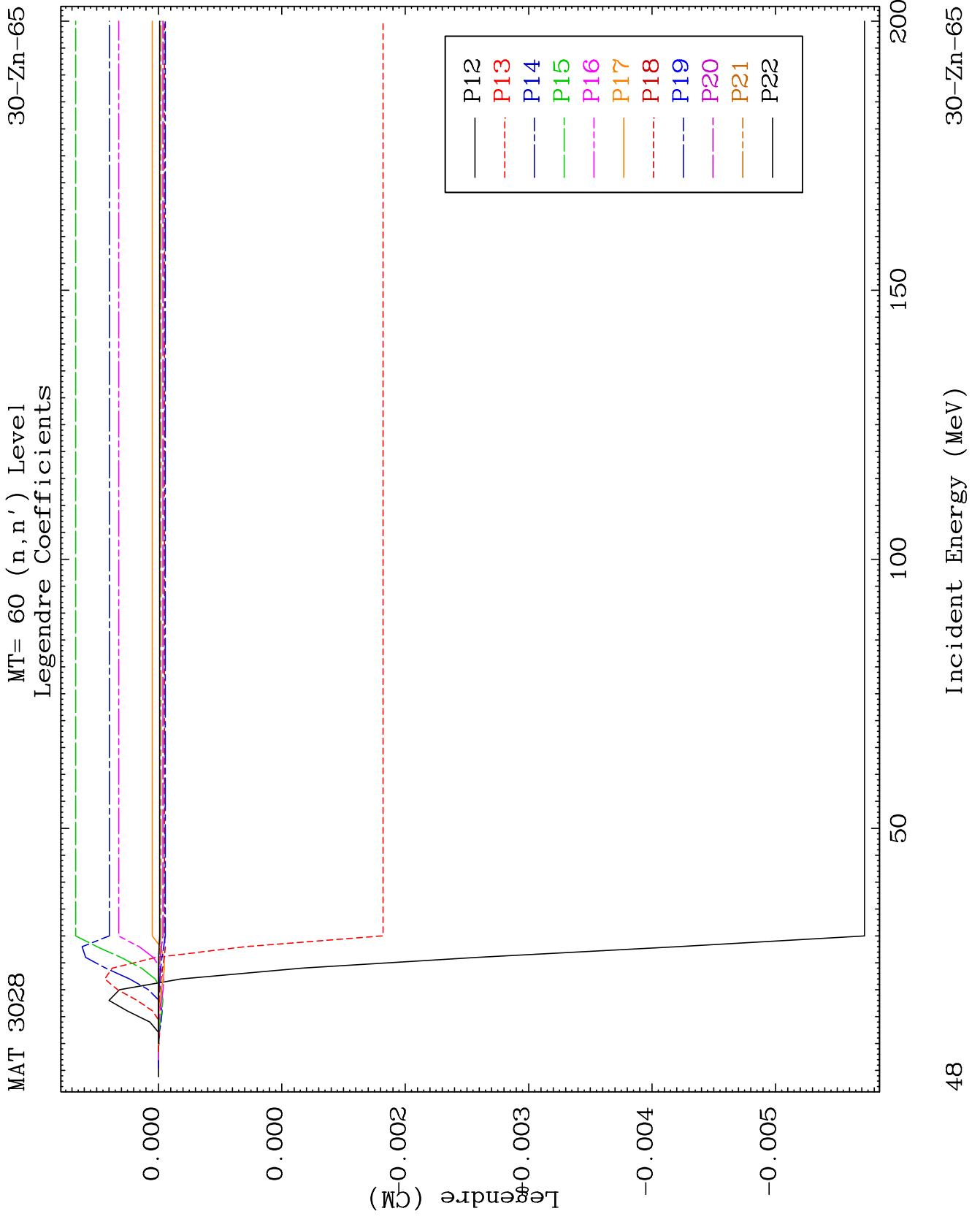
30-Zn-65

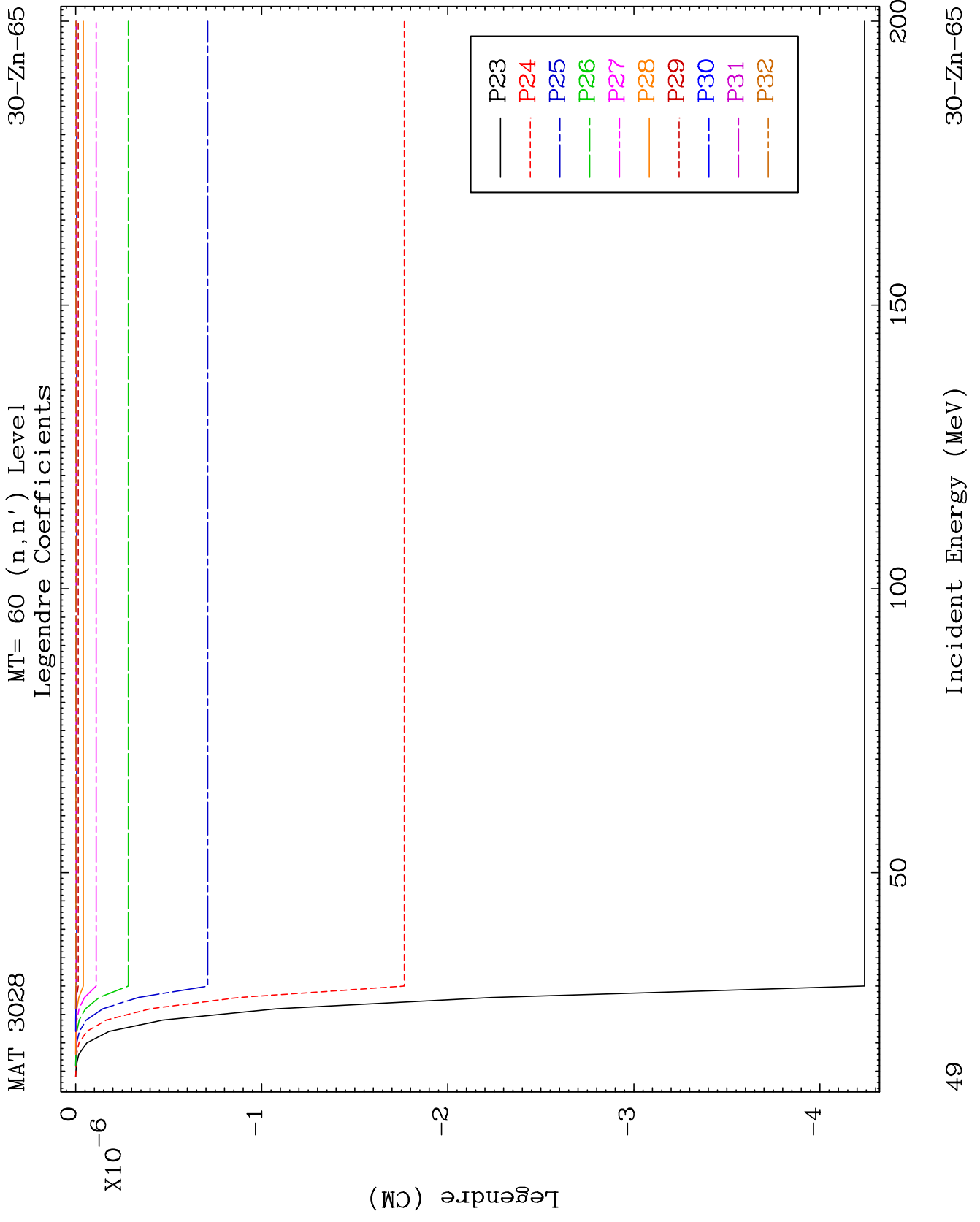


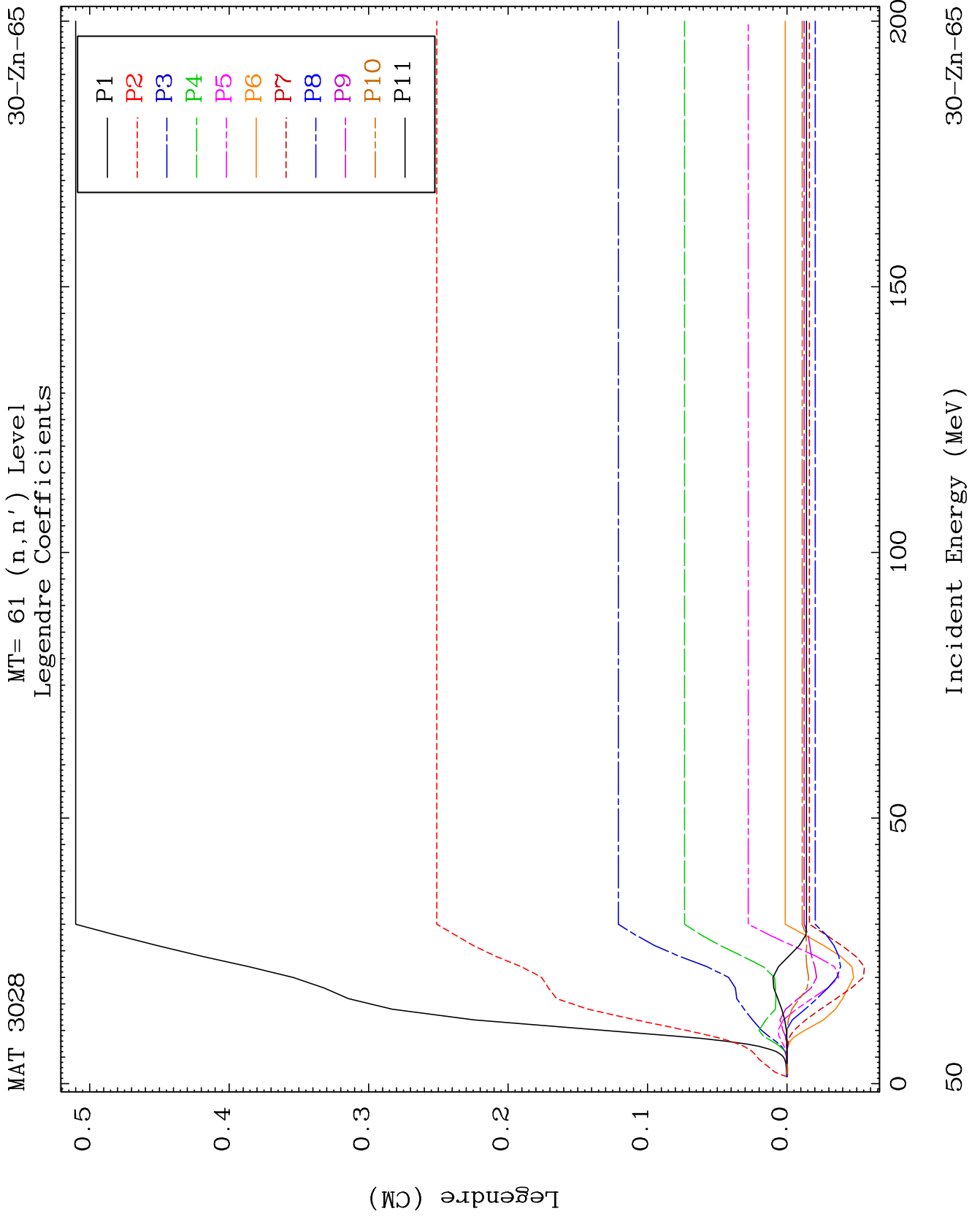
47

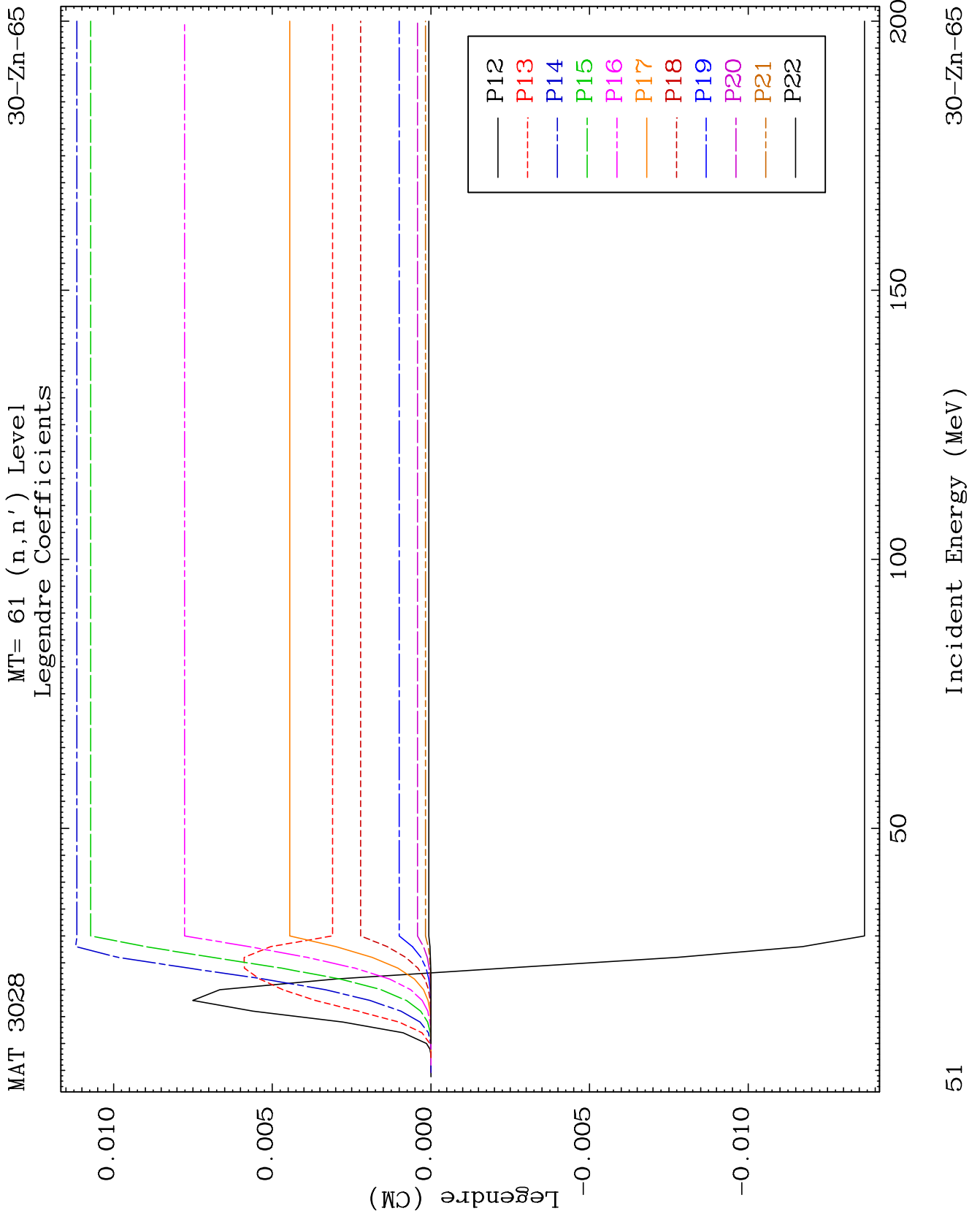
Incident Energy (MeV)

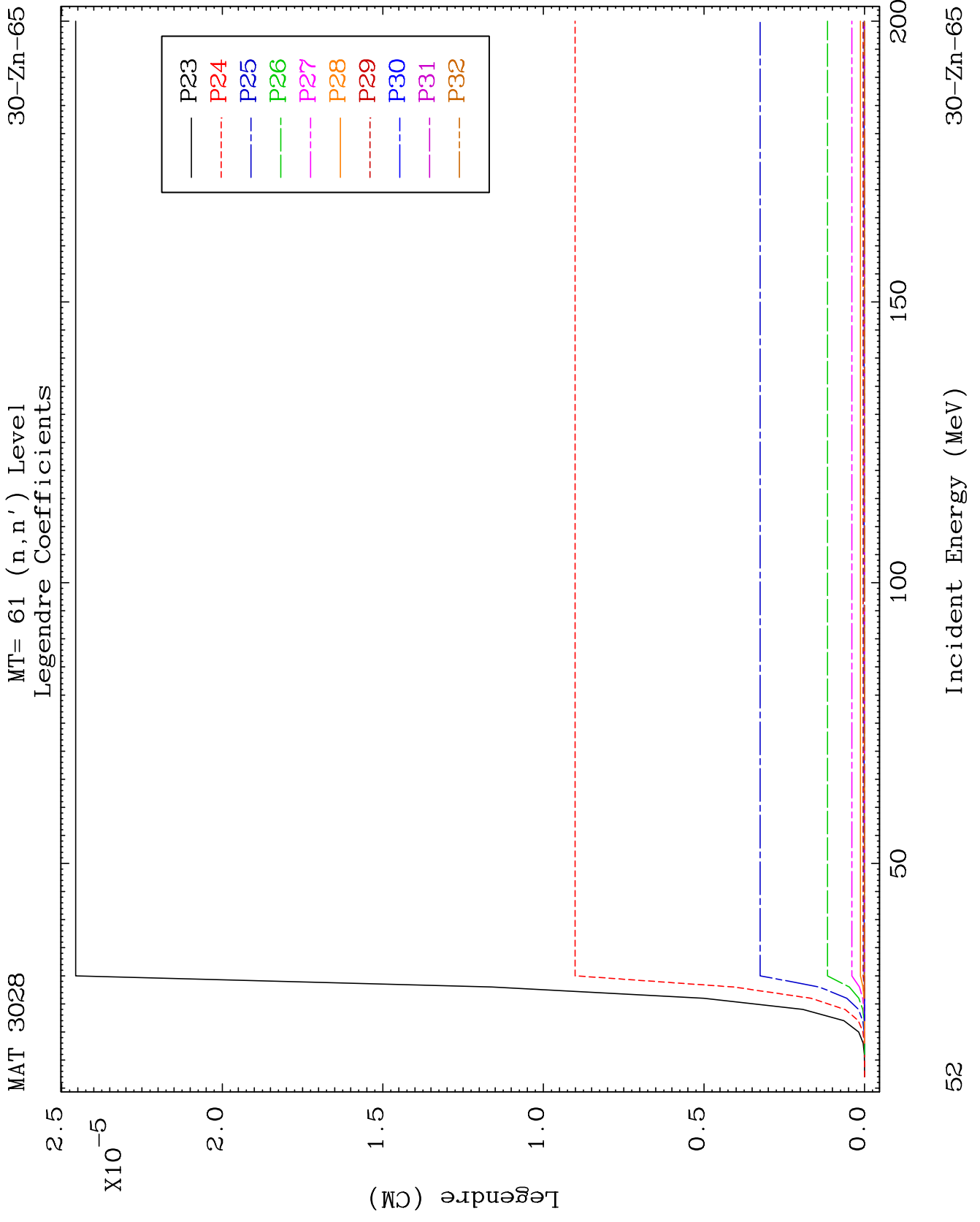
30-Zn-65

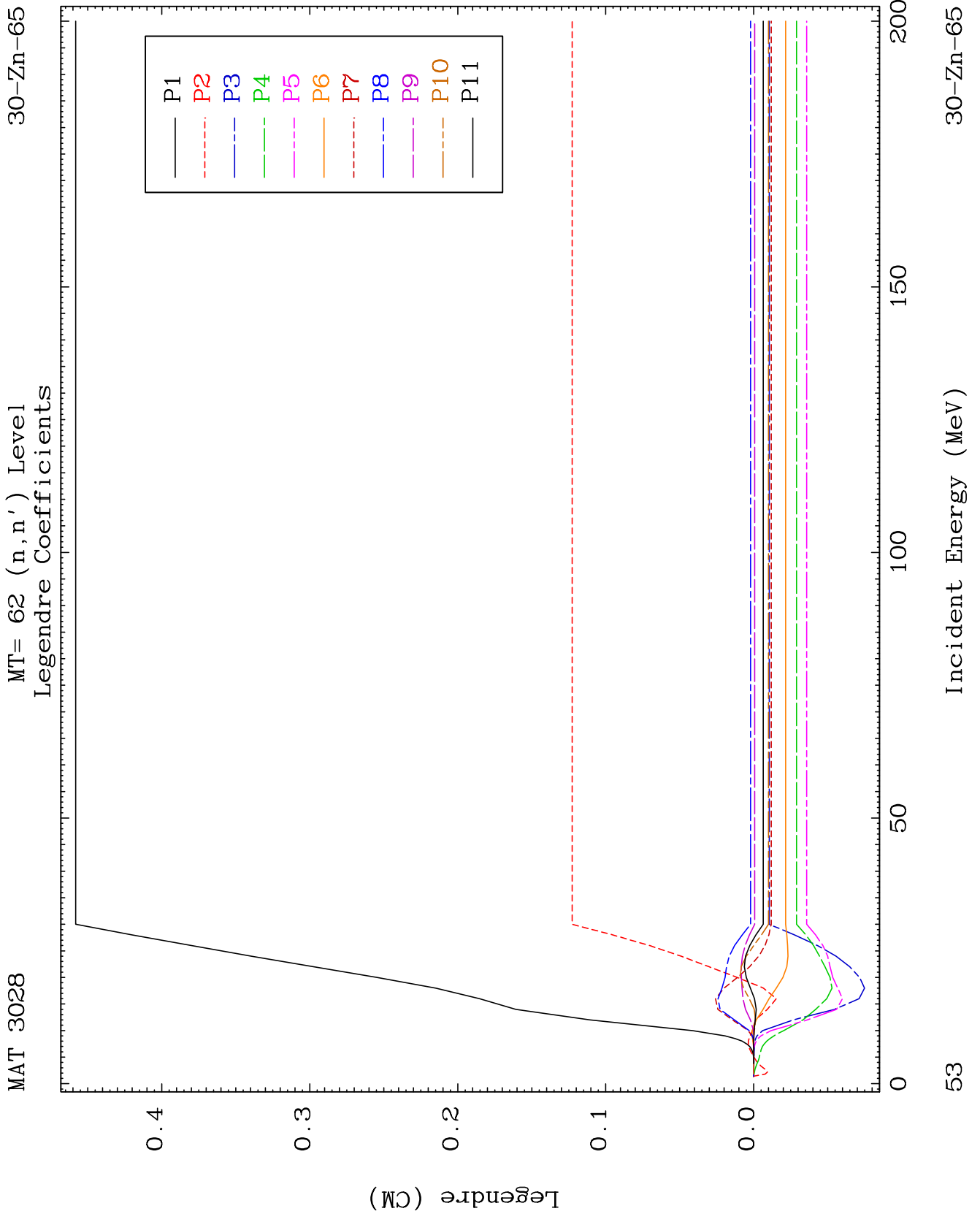


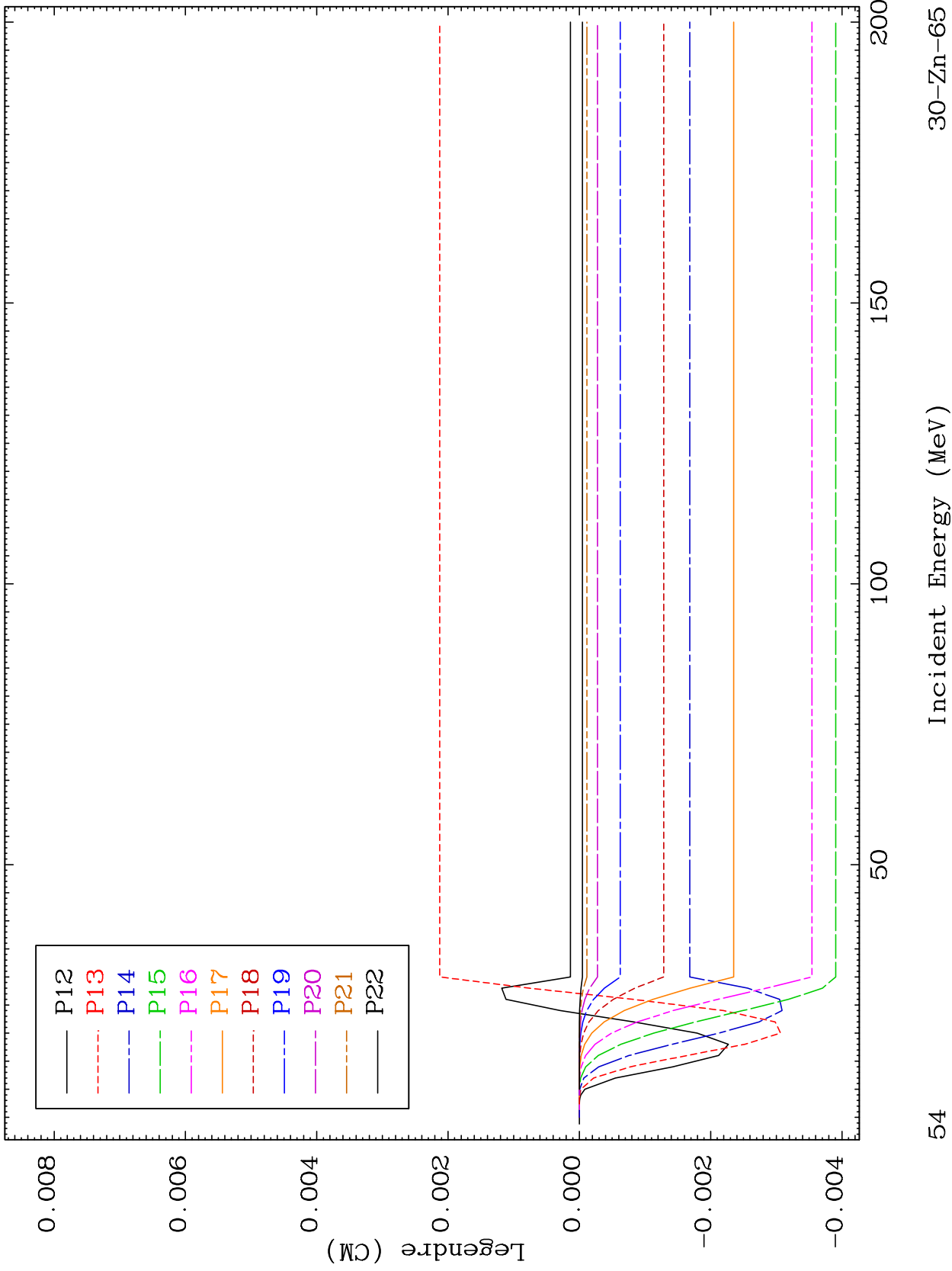


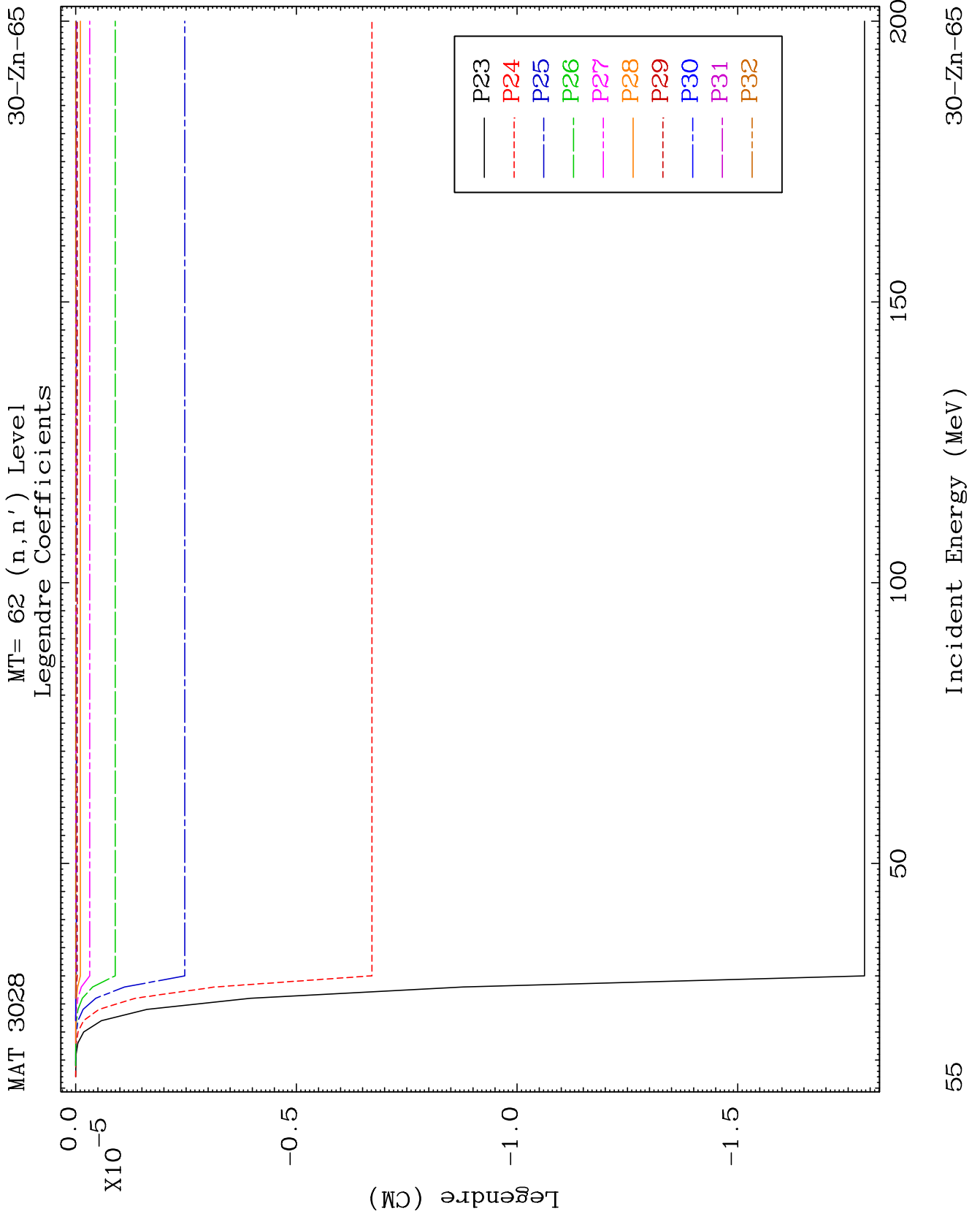


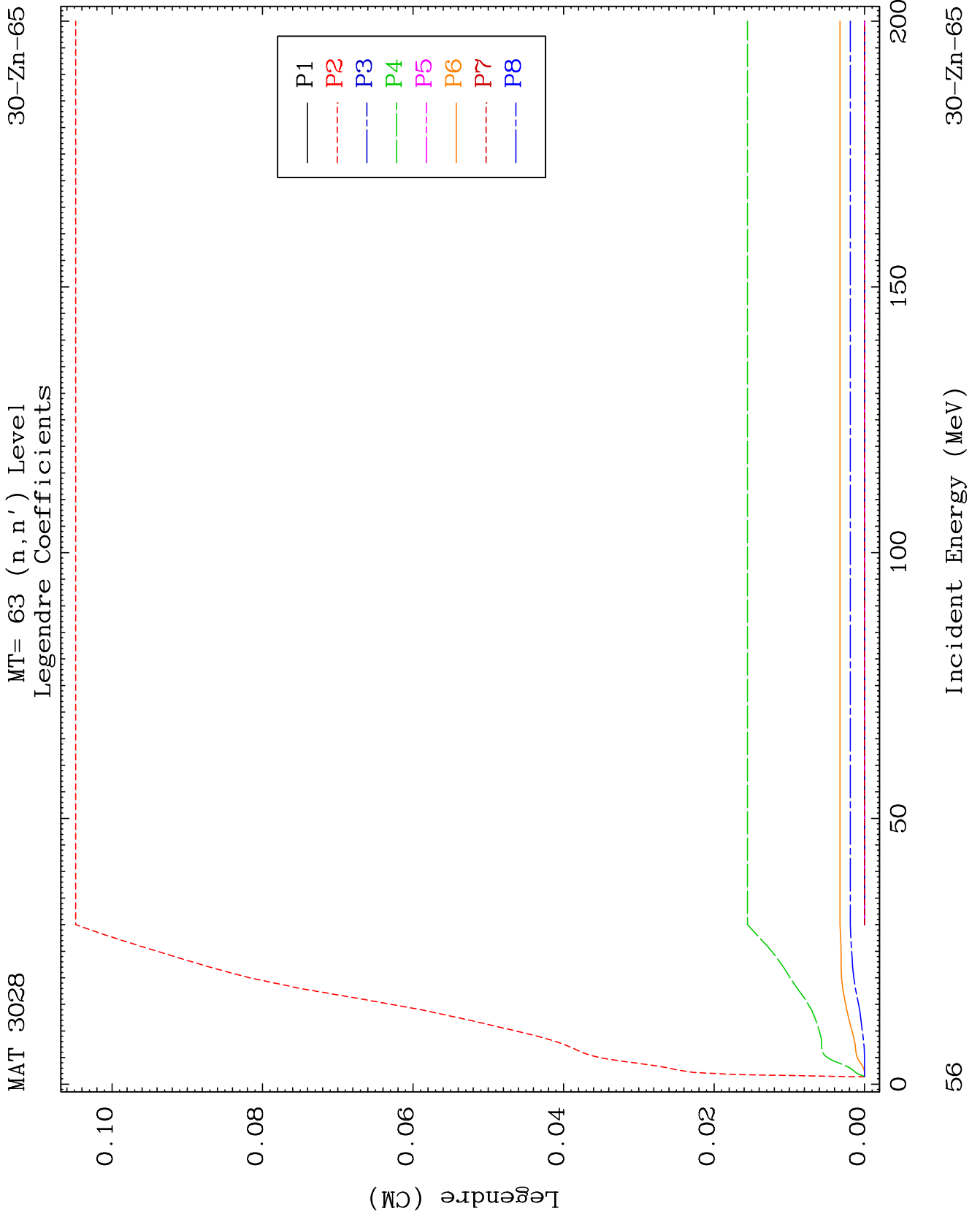


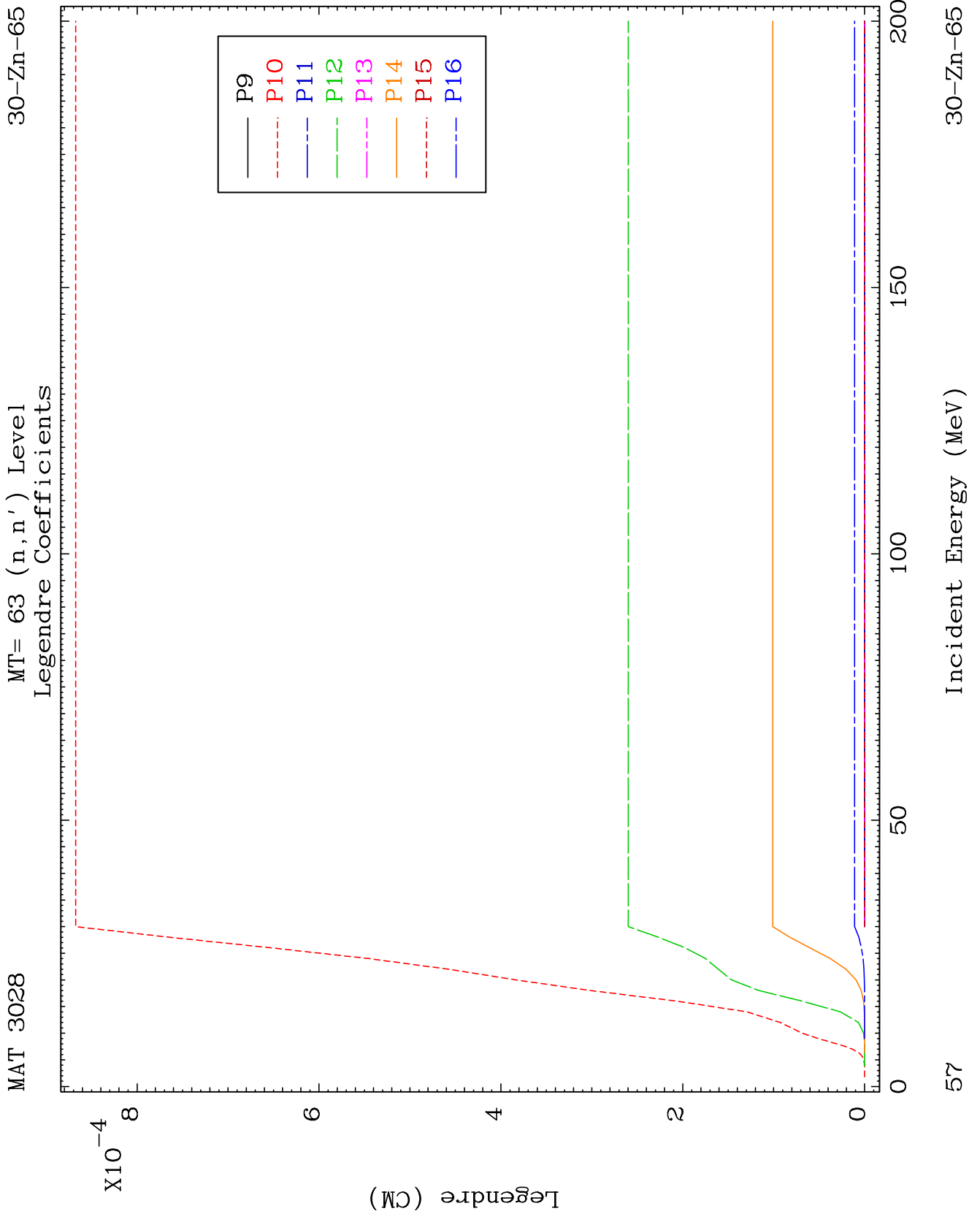


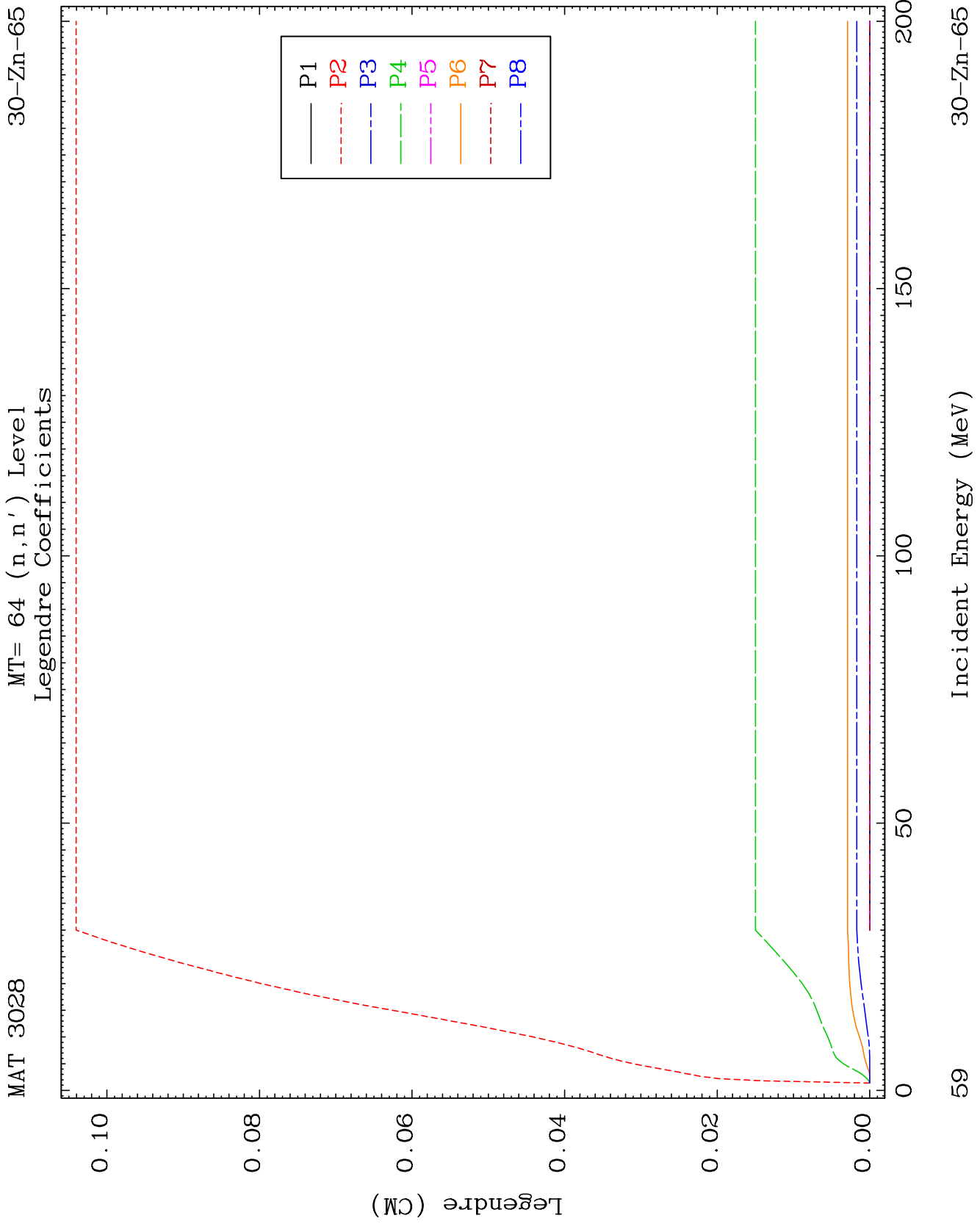


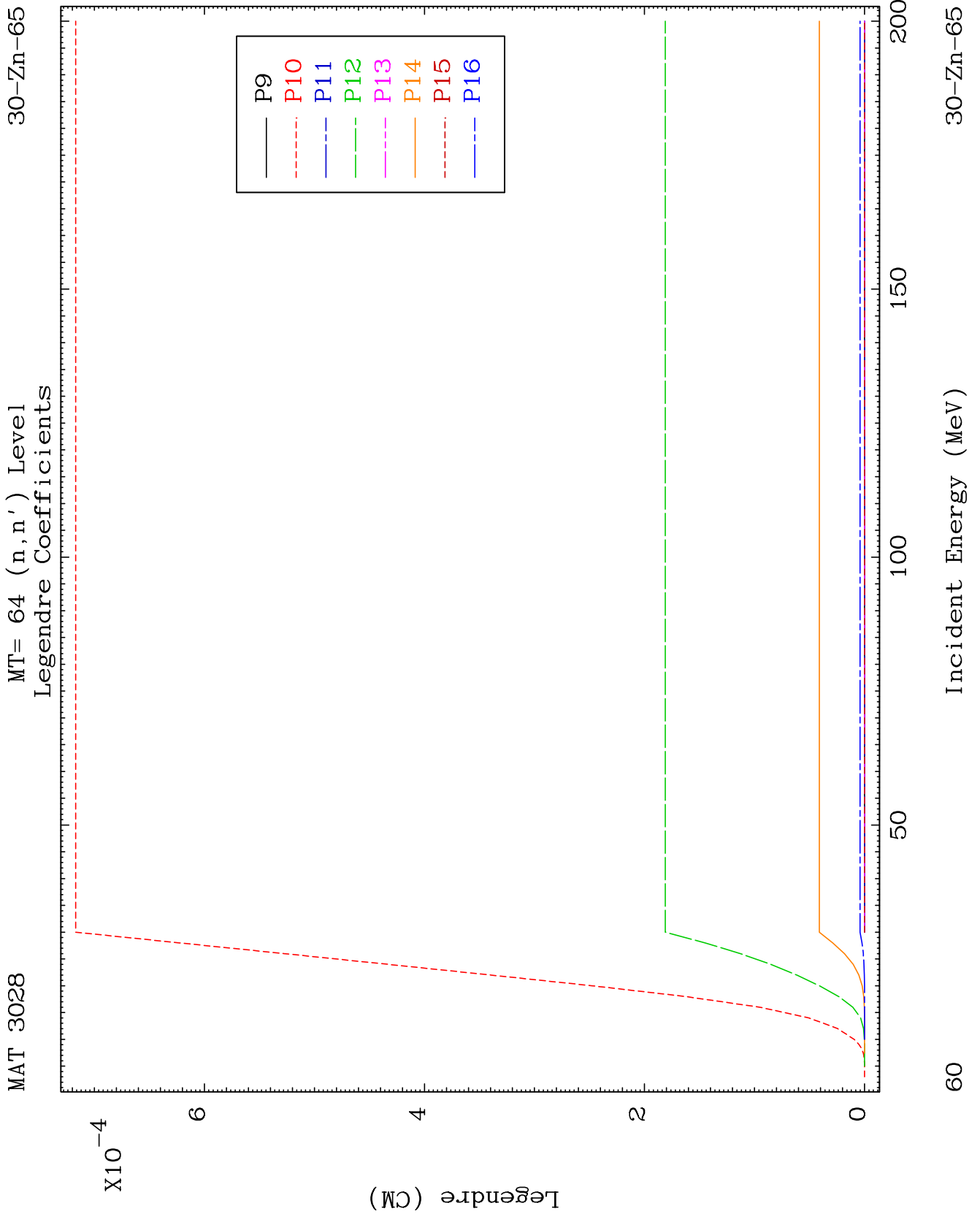








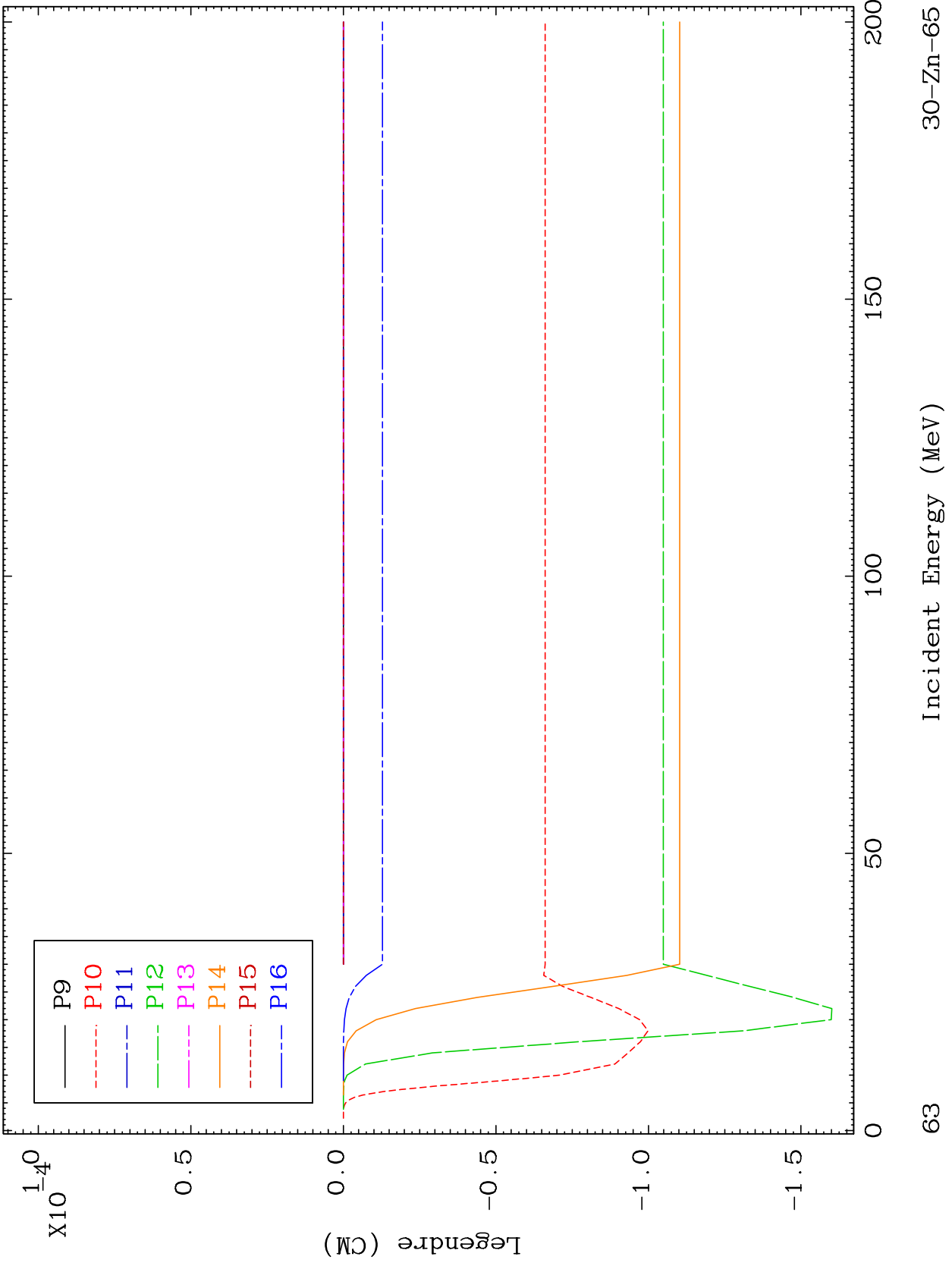




MAT 3028

MT= 65 (n,n') Level
Legendre Coefficients

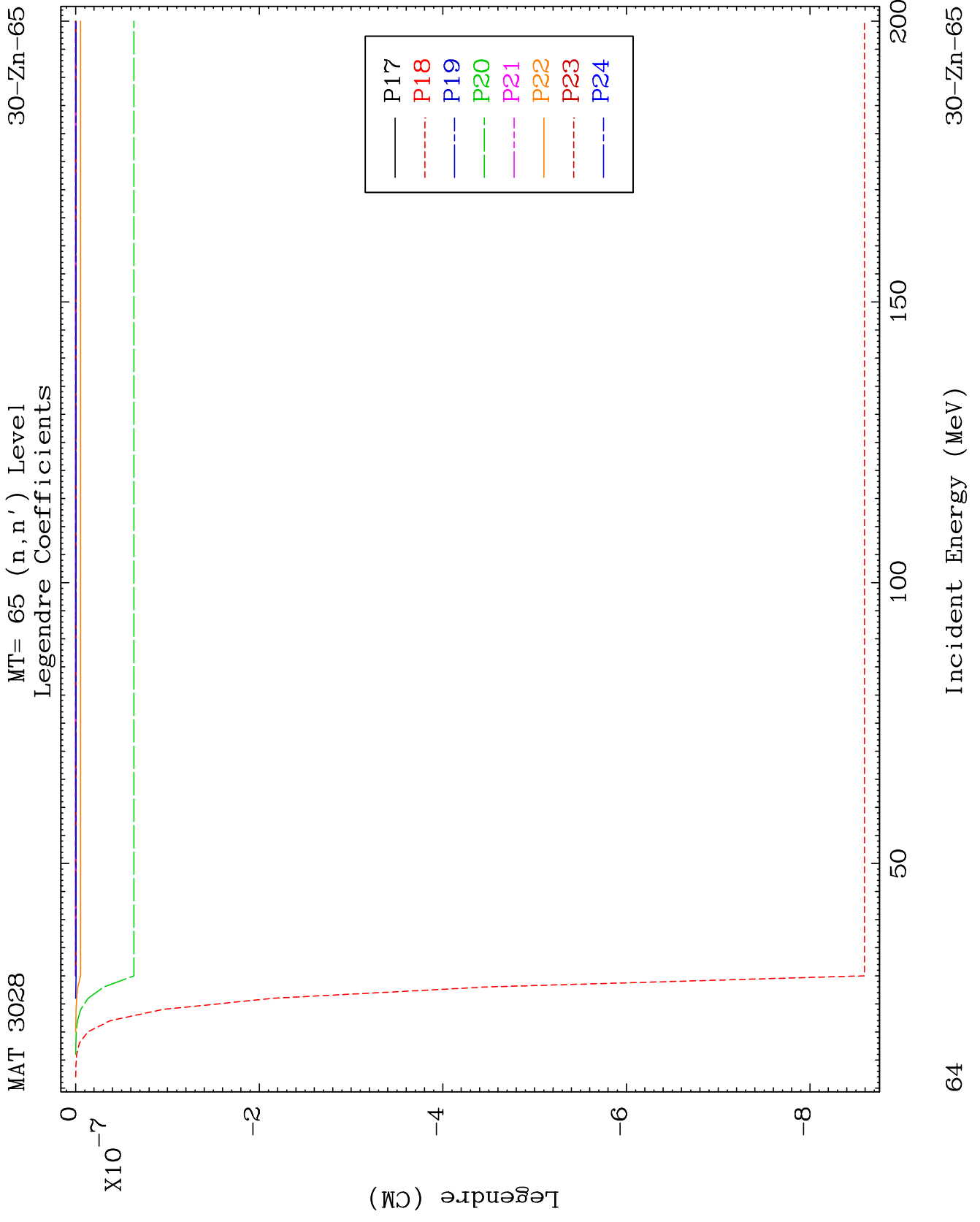
30-Zn-65

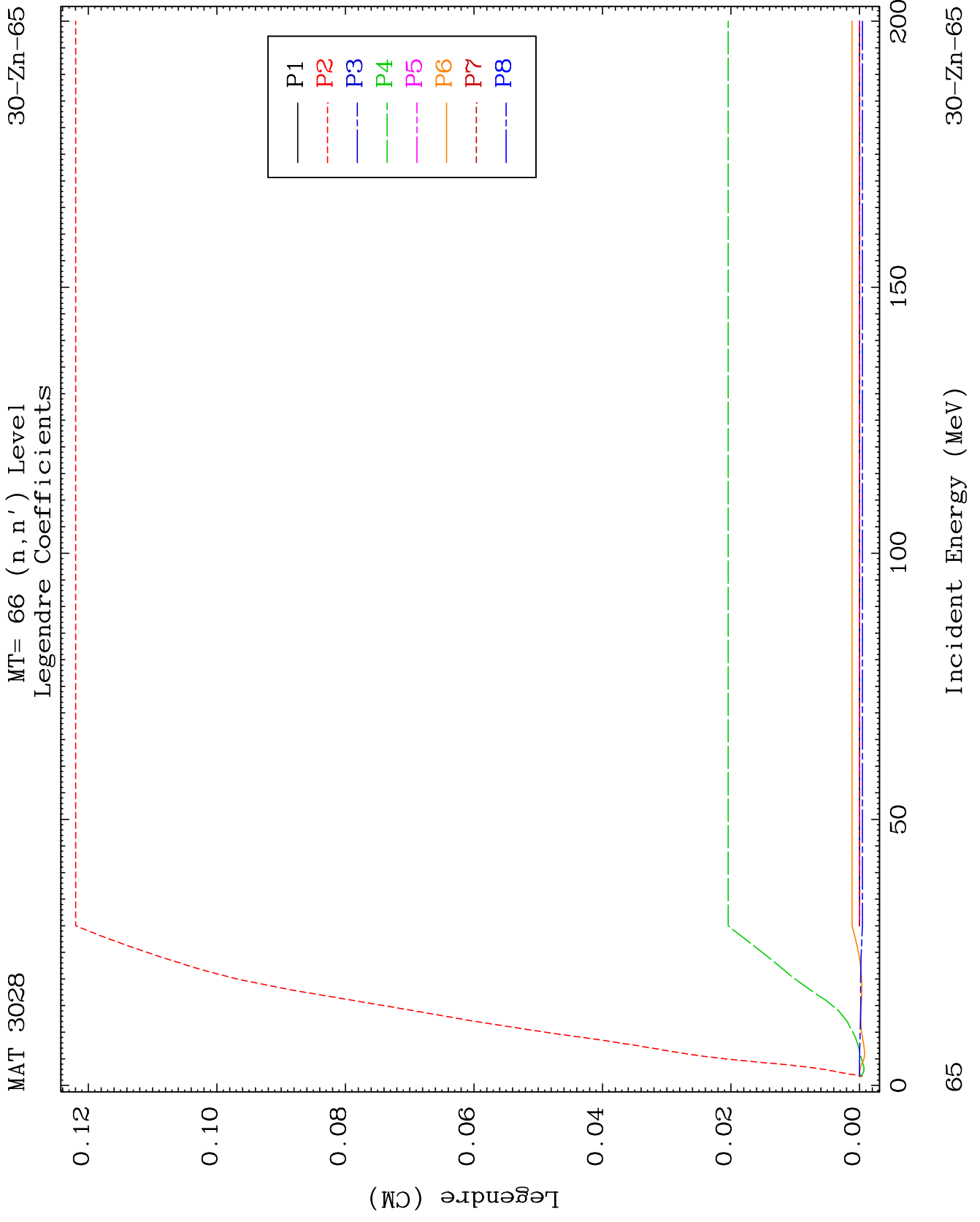


63

Incident Energy (MeV)

30-Zn-65

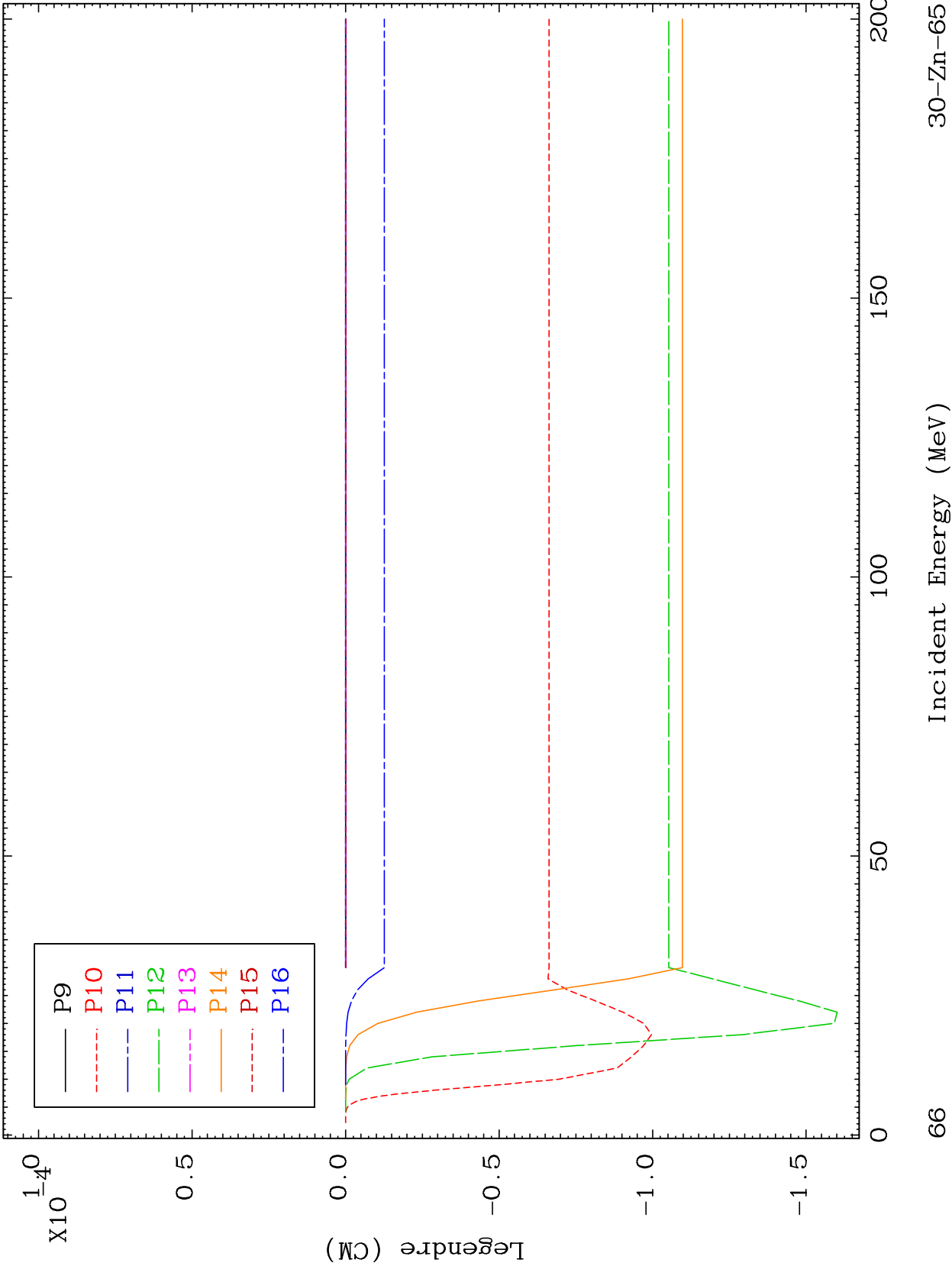


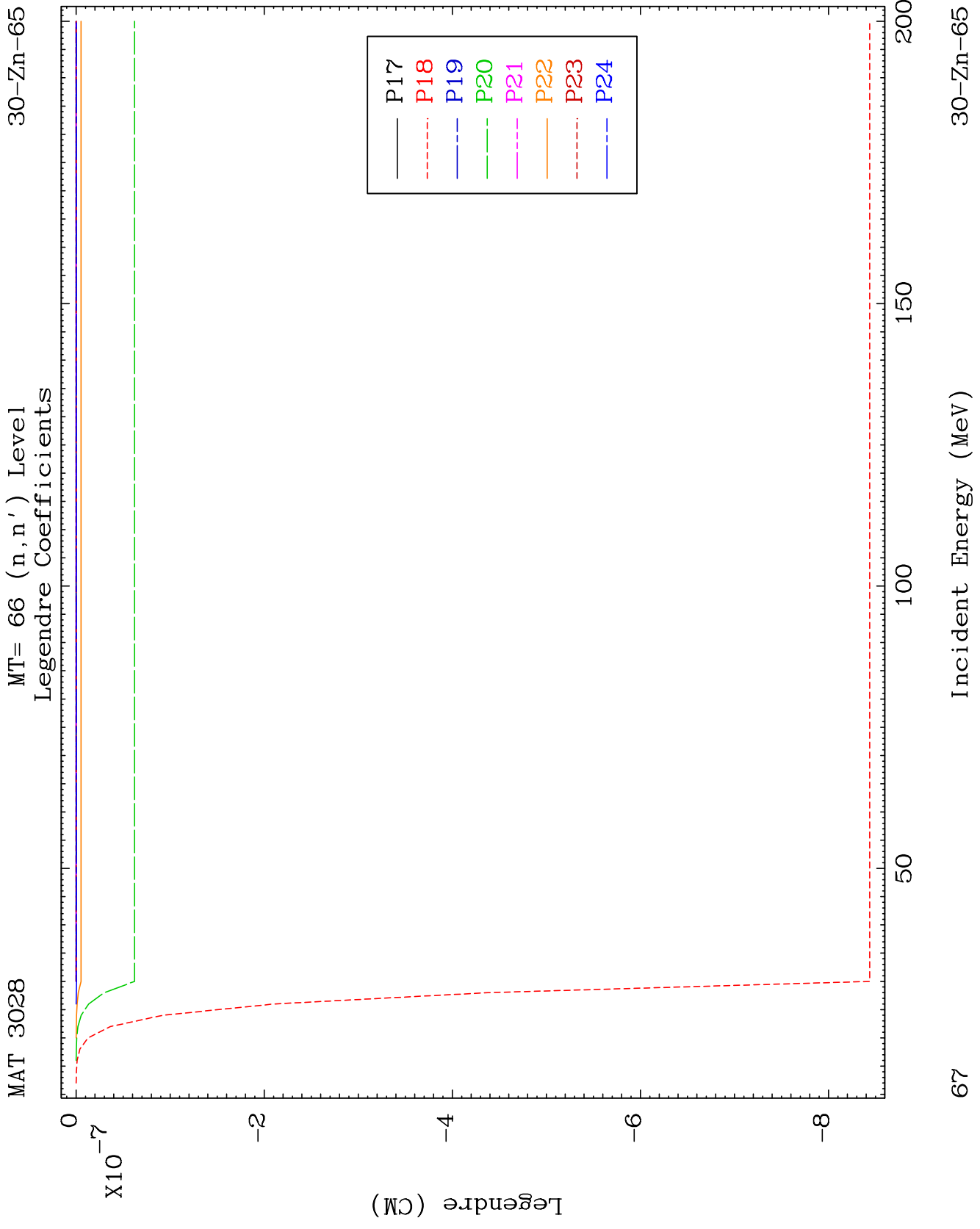


MAT 3028

MT= 66 (n,n') Level
Legendre Coefficients

30-Zn-65

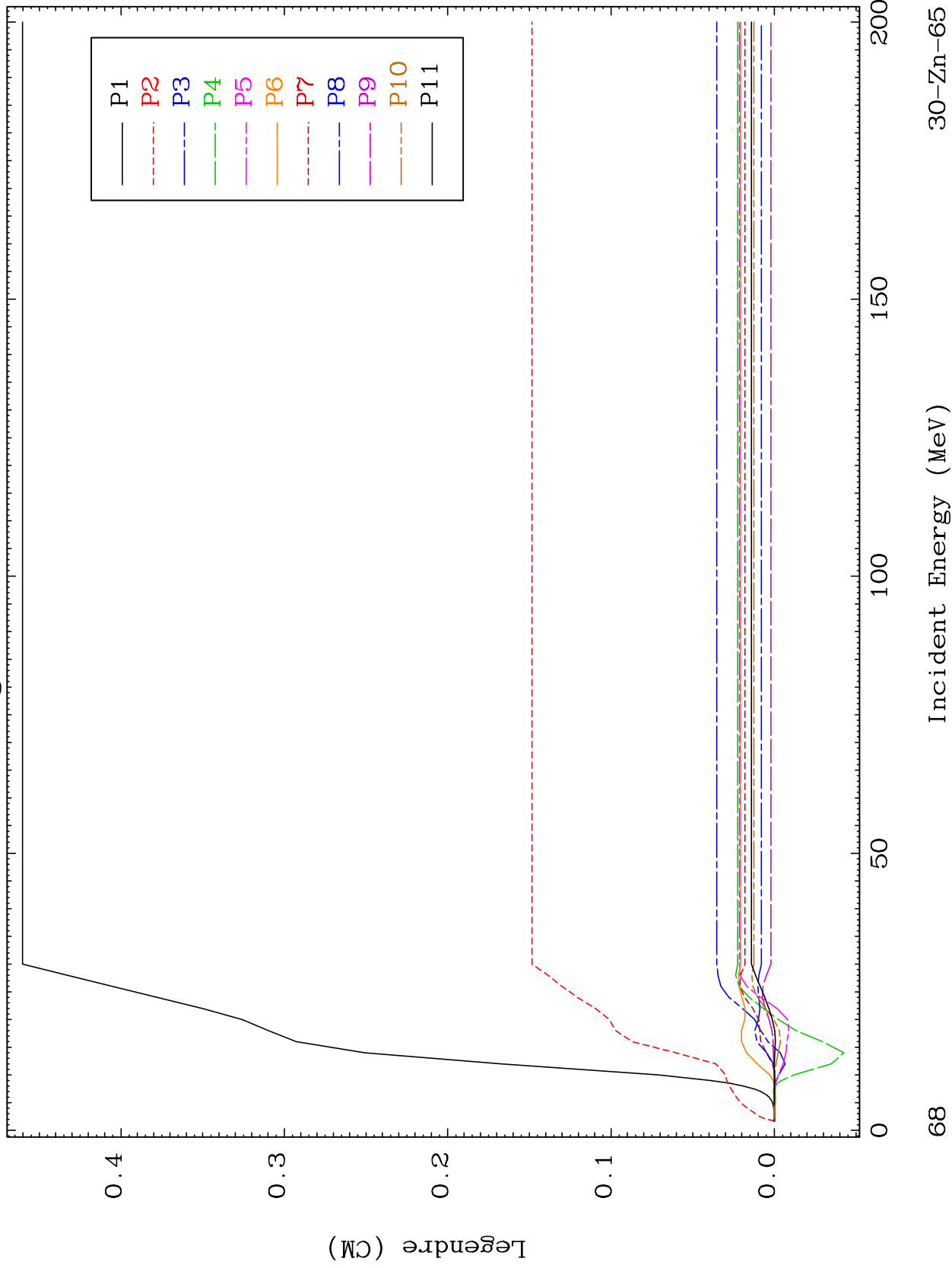




MAT 3028

MT= 67 (n,n') Level
Legendre Coefficients

30-Zn-65



30-Zn-65

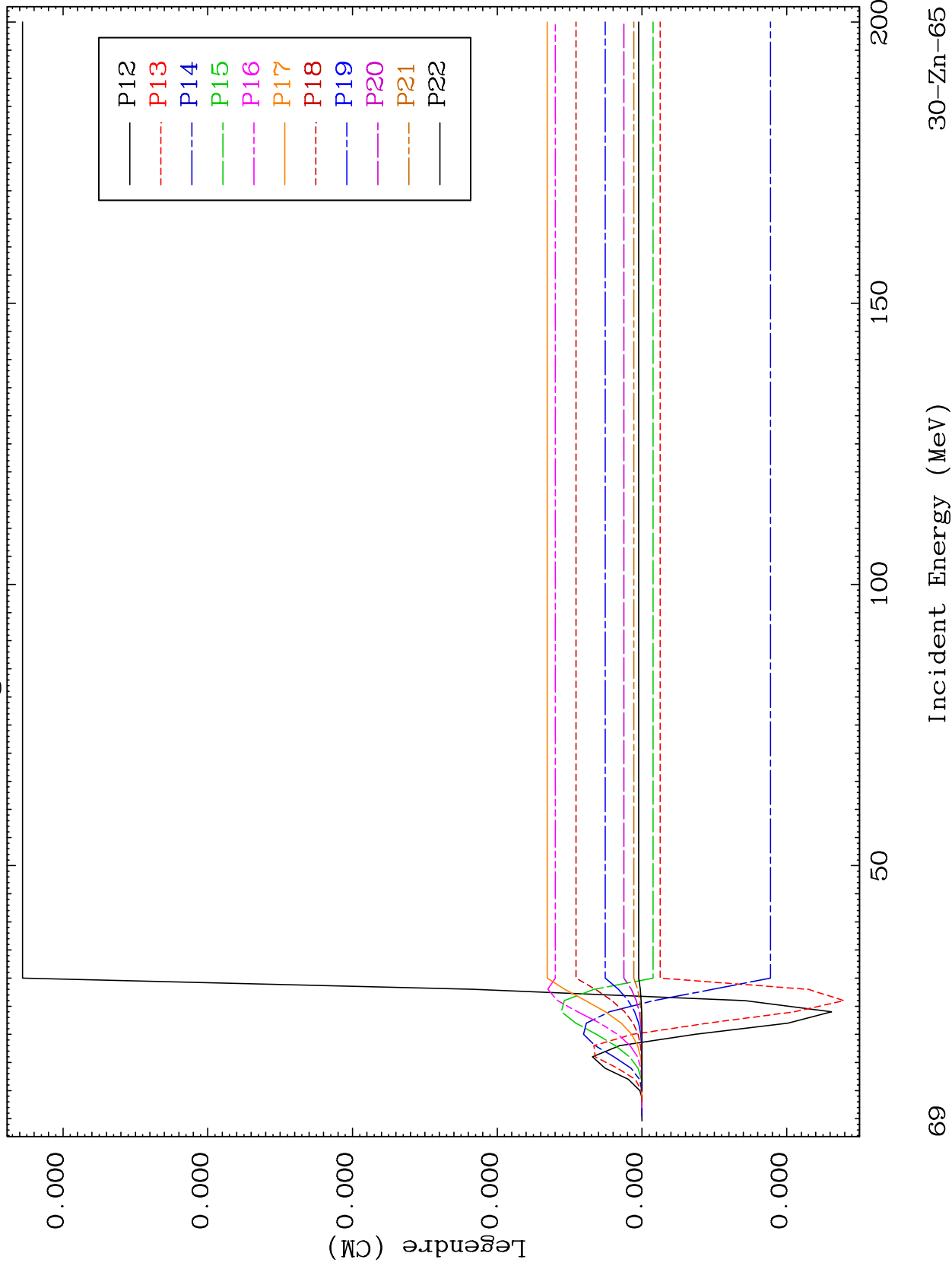
Incident Energy (MeV)

68

MAT 3028

MT= 67 (n,n') Level
Legendre Coefficients

30-Zn-65



69

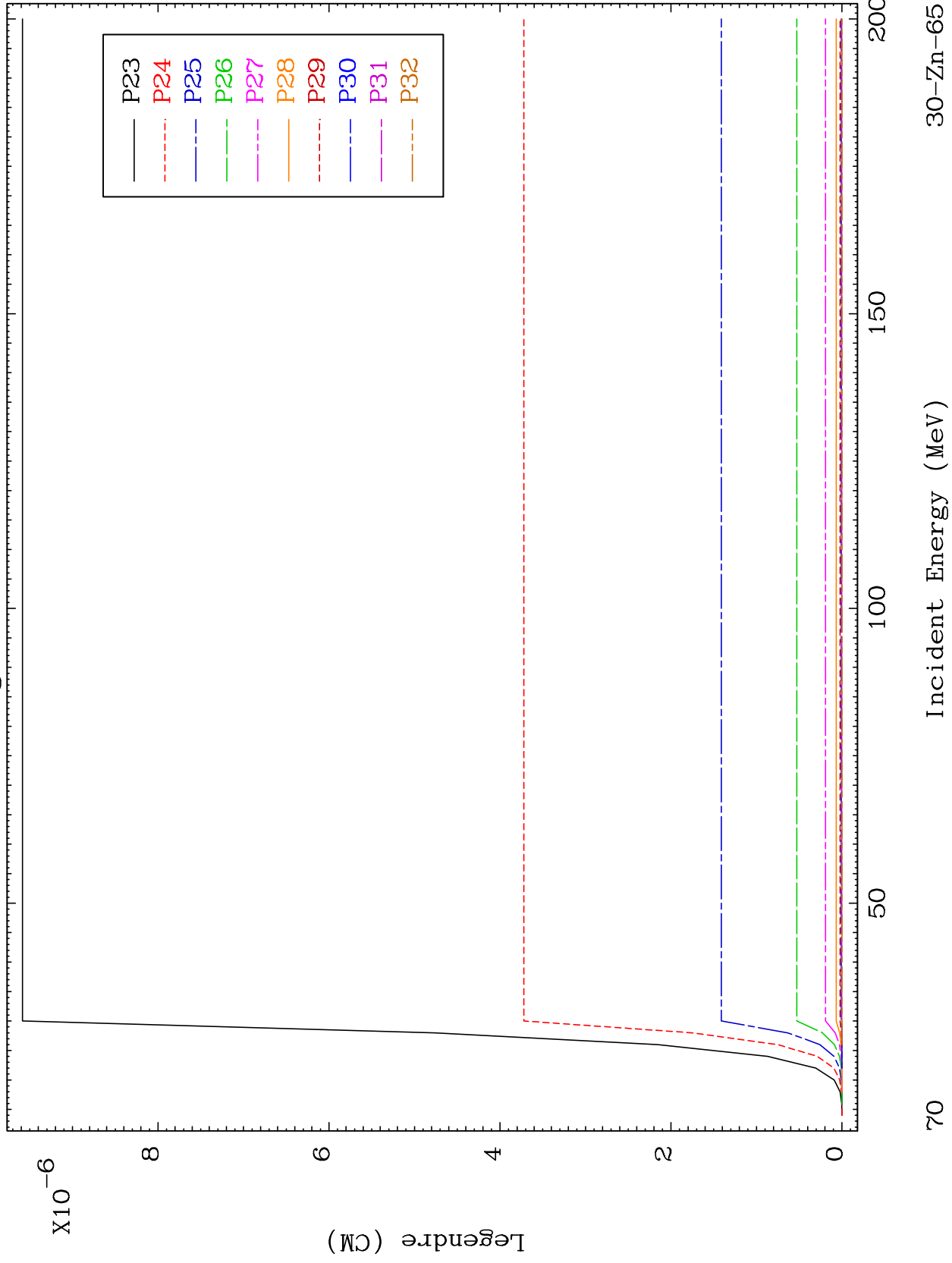
Incident Energy (MeV)

30-Zn-65

MAT 3028

MT= 67 (n,n') Level
Legendre Coefficients

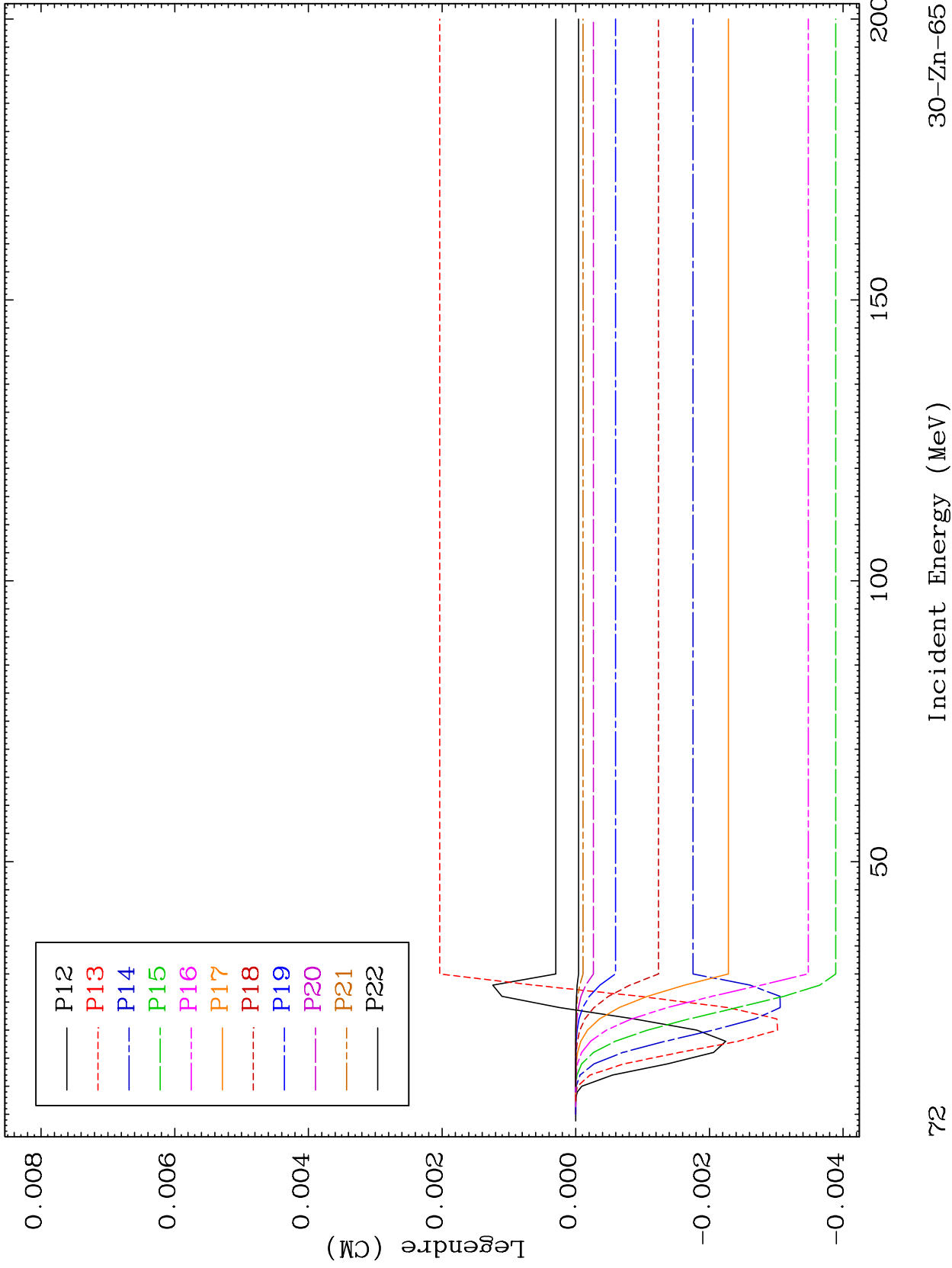
30-Zn-65



MAT 3028

MT= 68 (n,n') Level
Legendre Coefficients

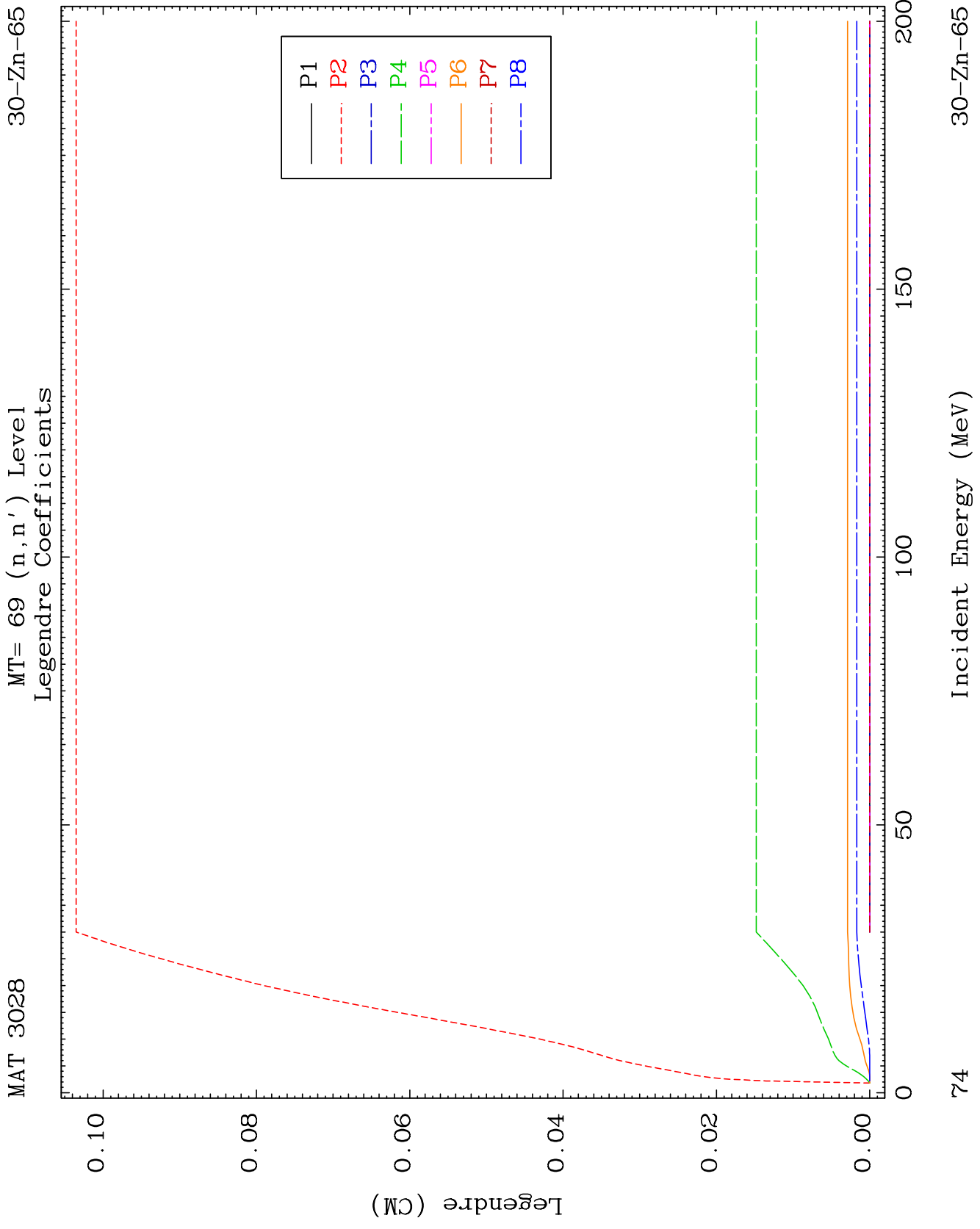
30-Zn-65

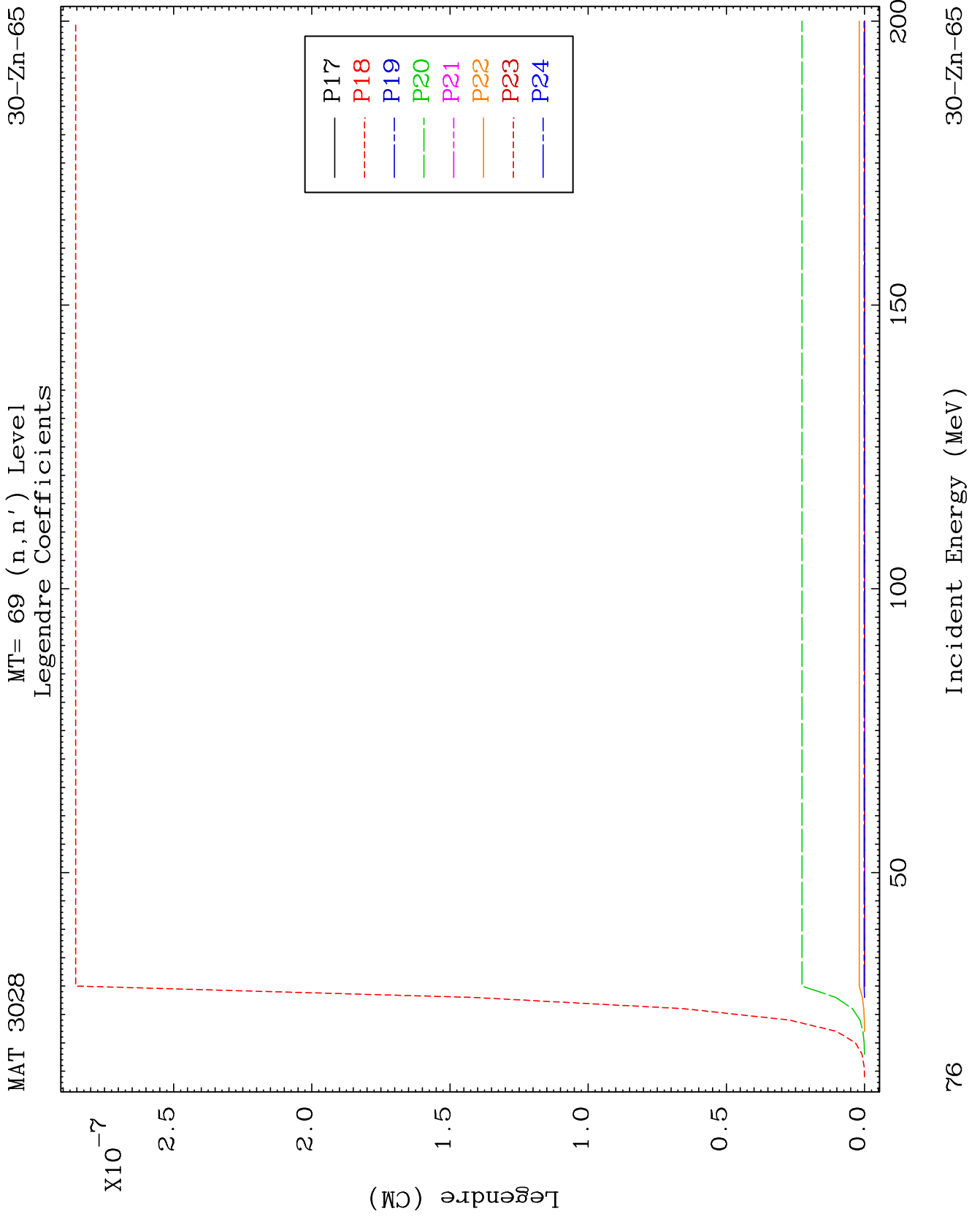


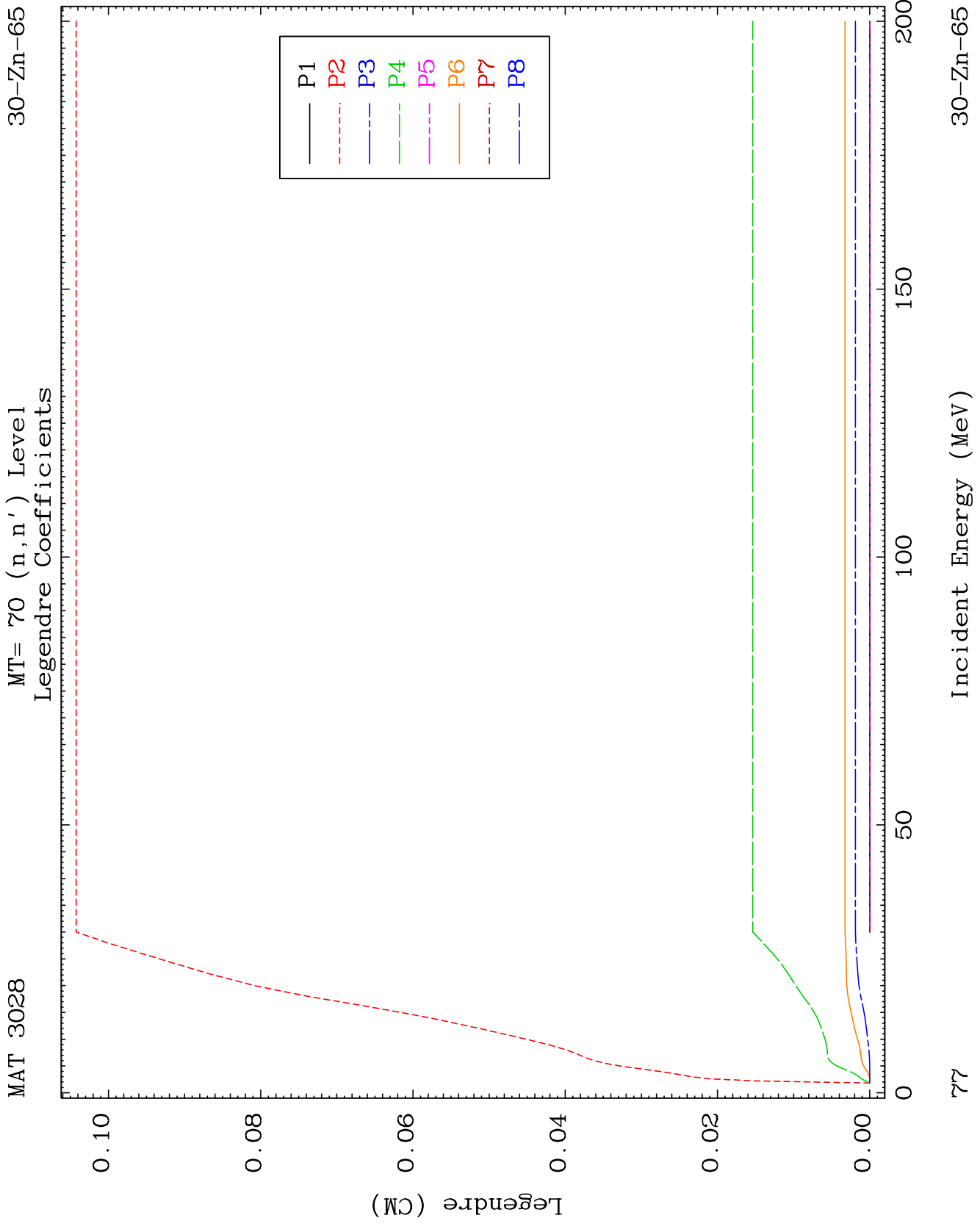
72

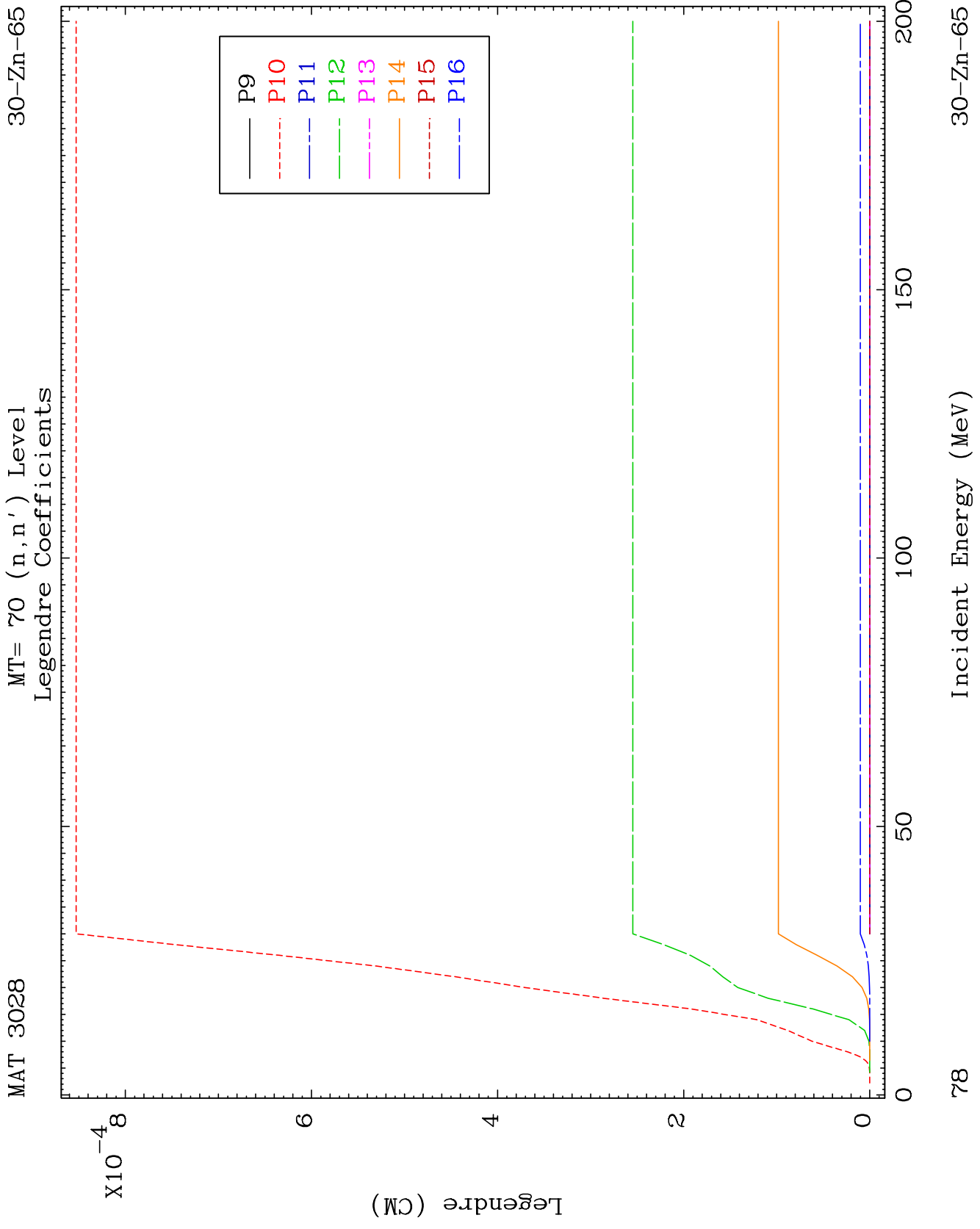
Incident Energy (MeV)

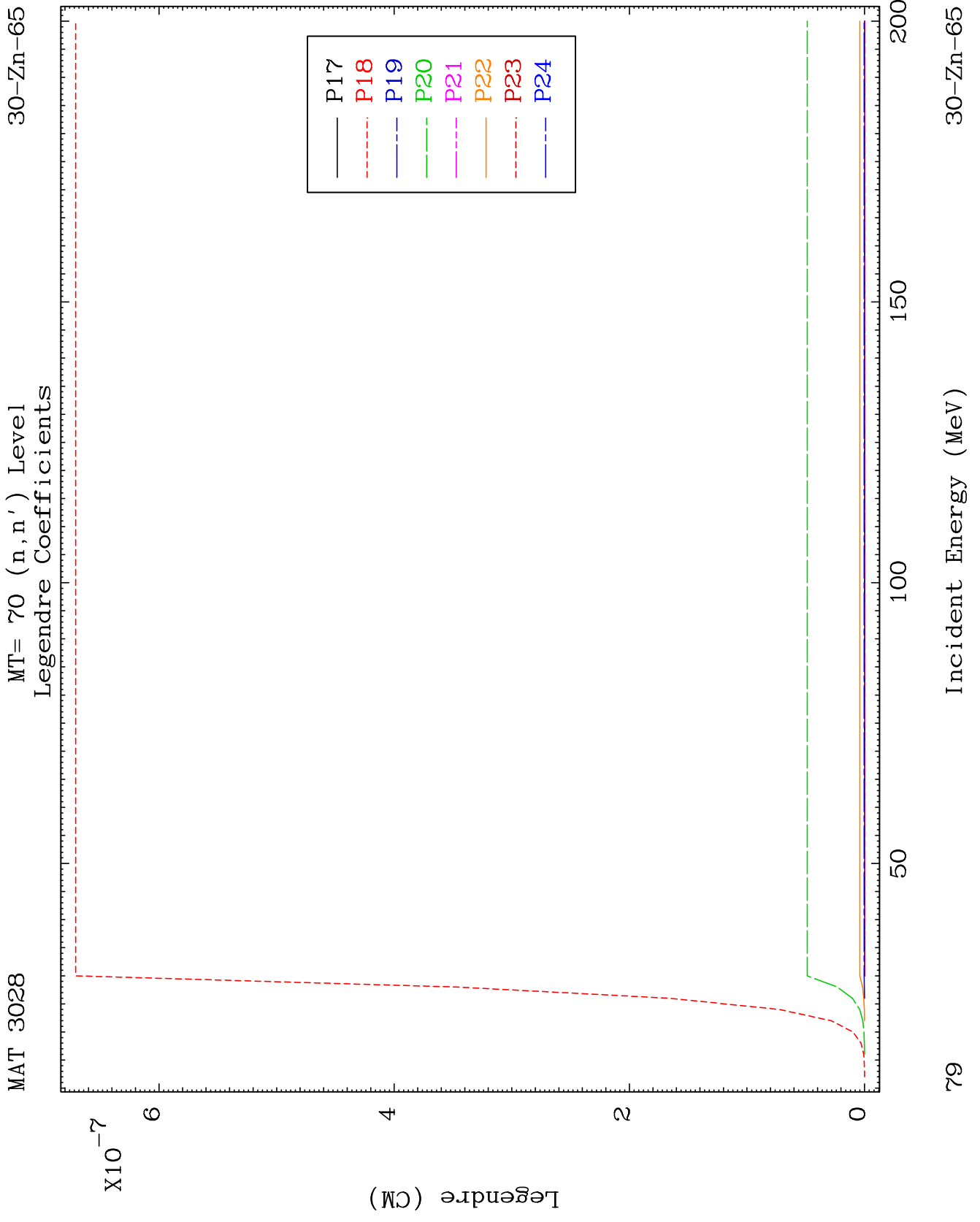
30-Zn-65

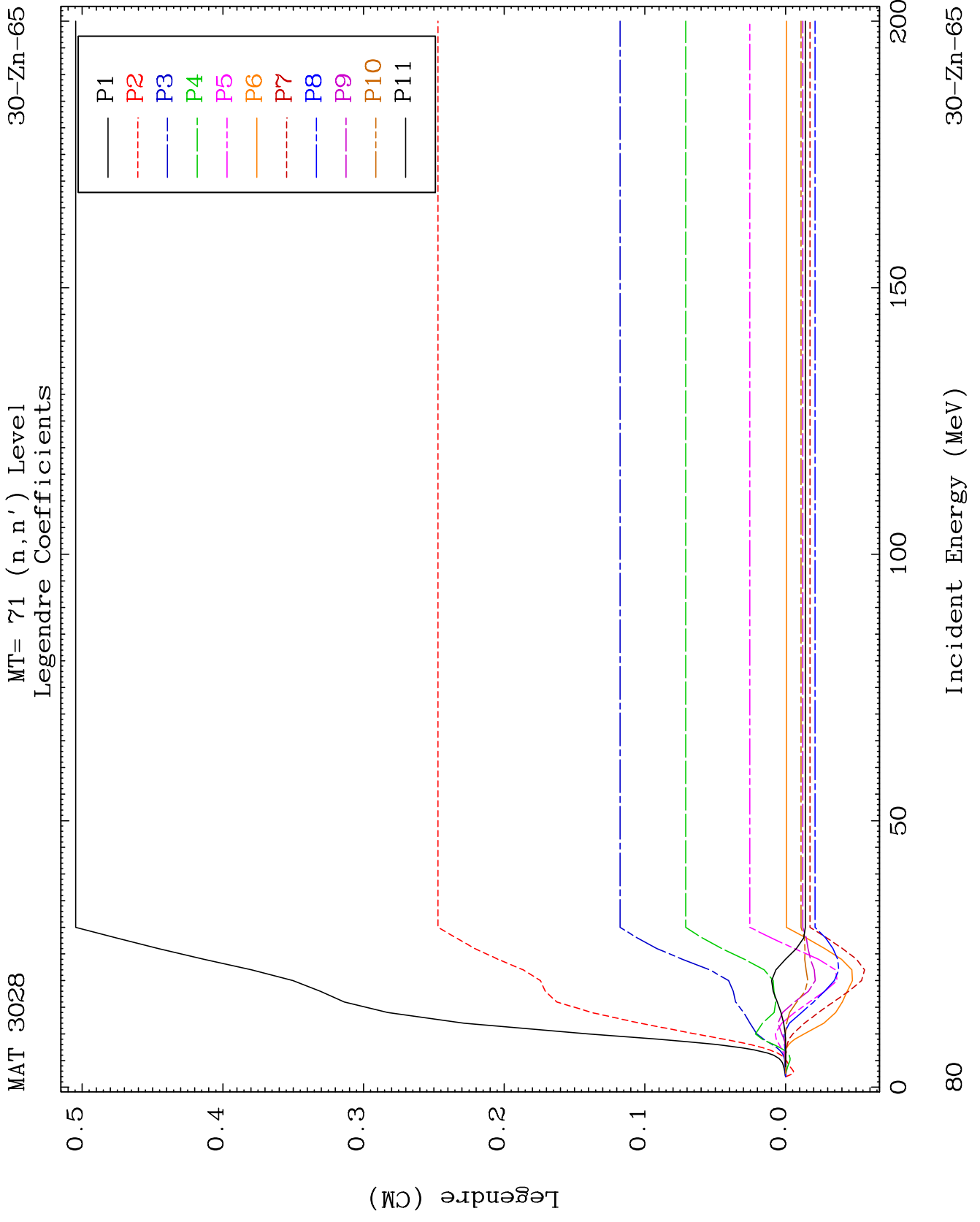


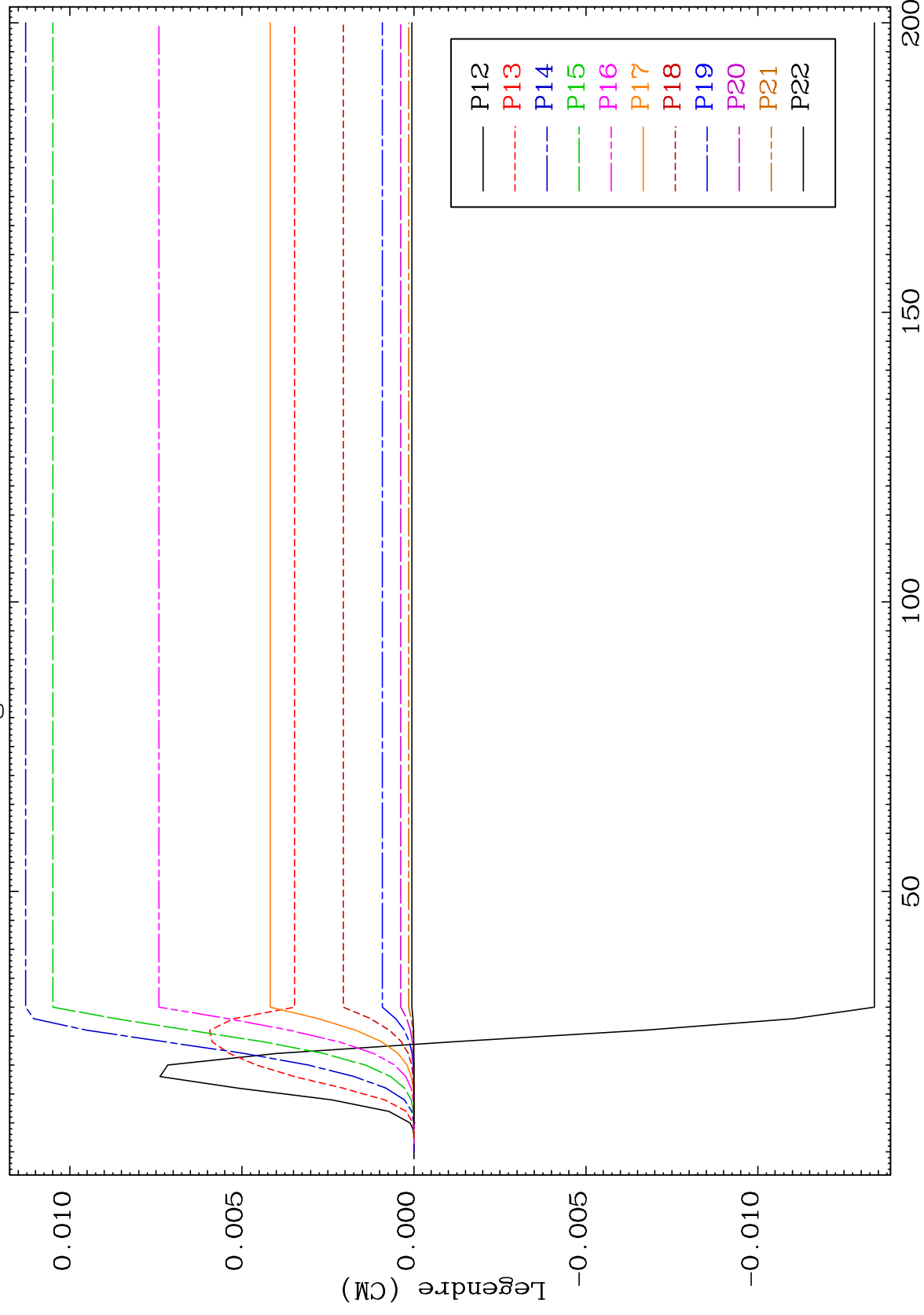


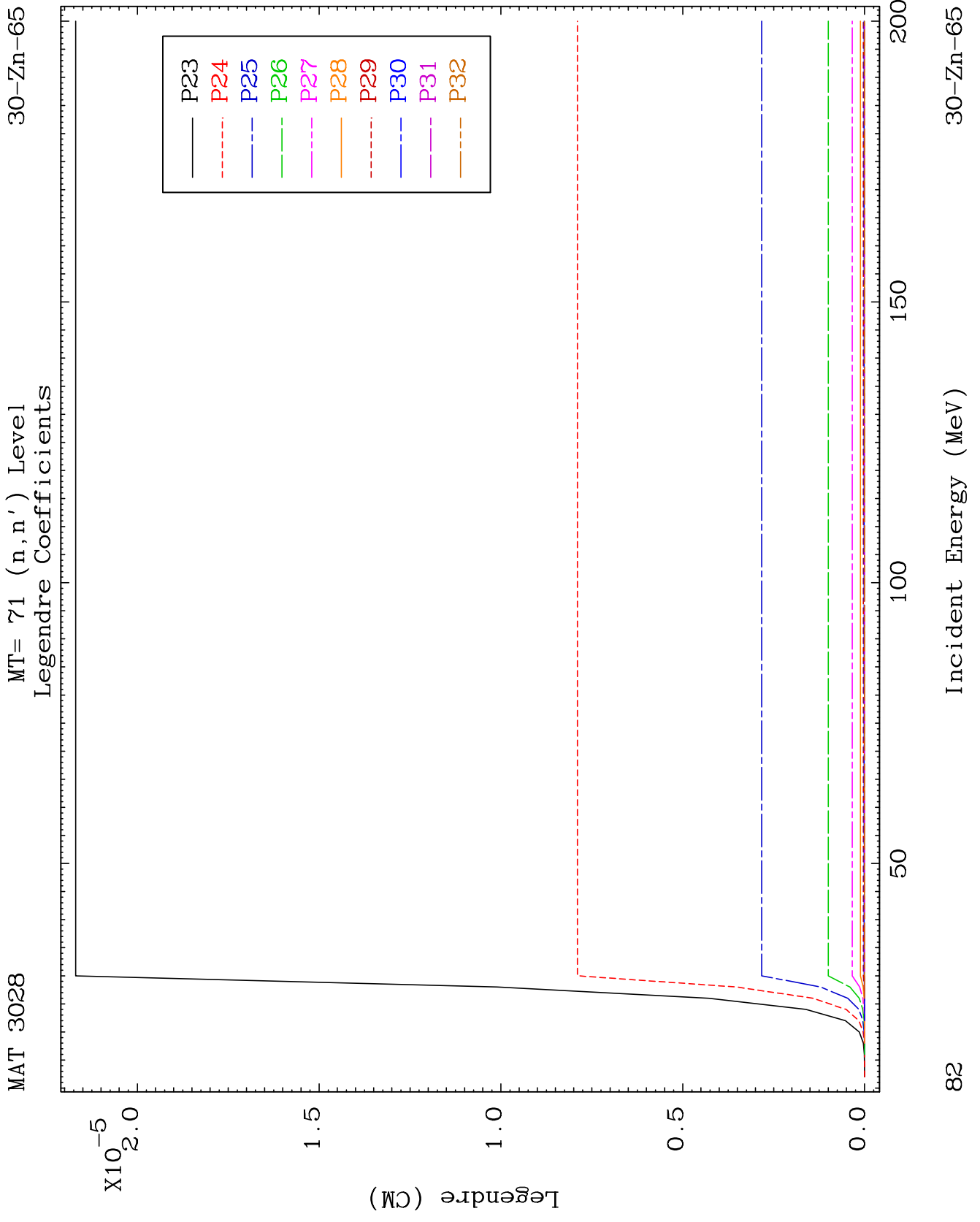


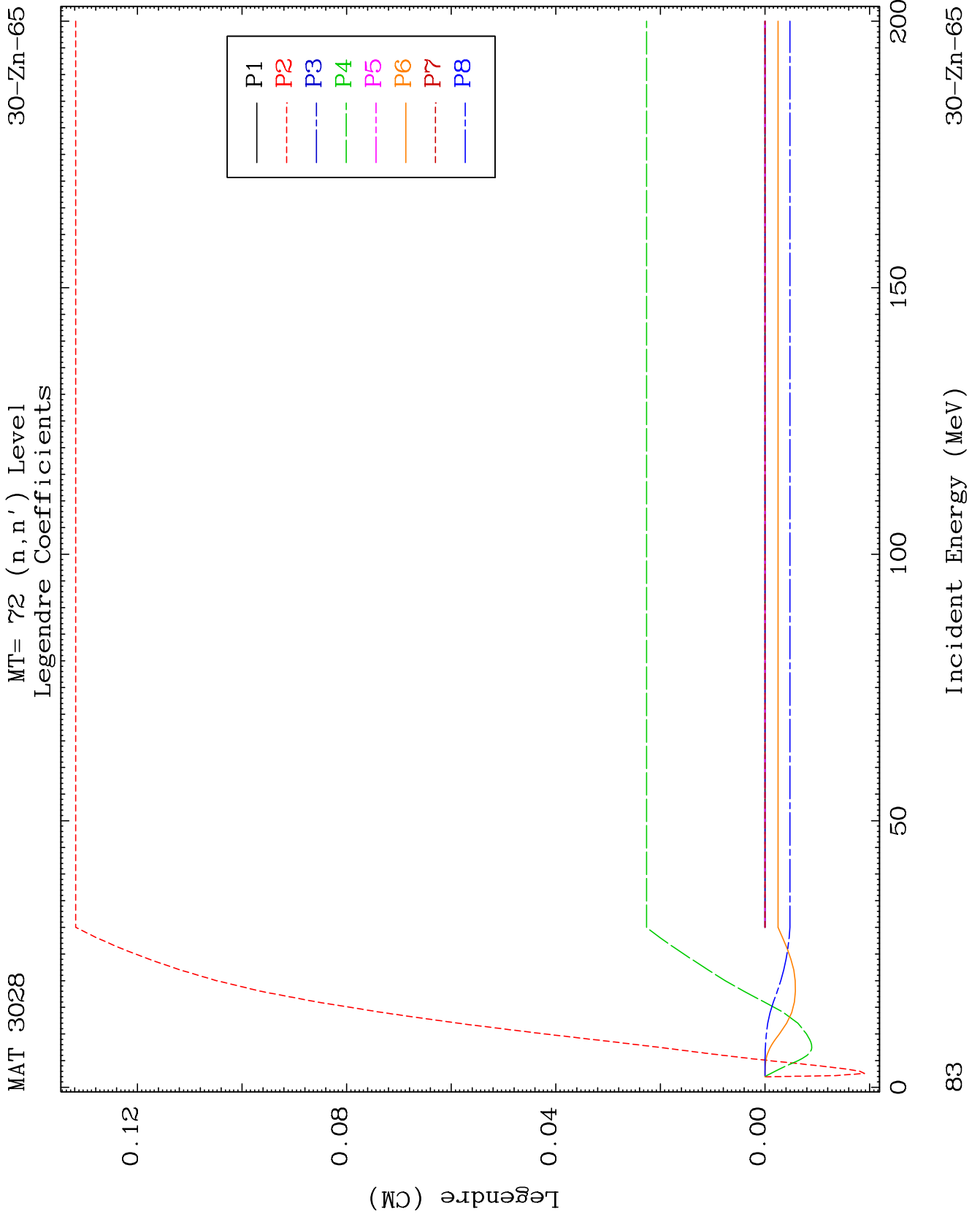


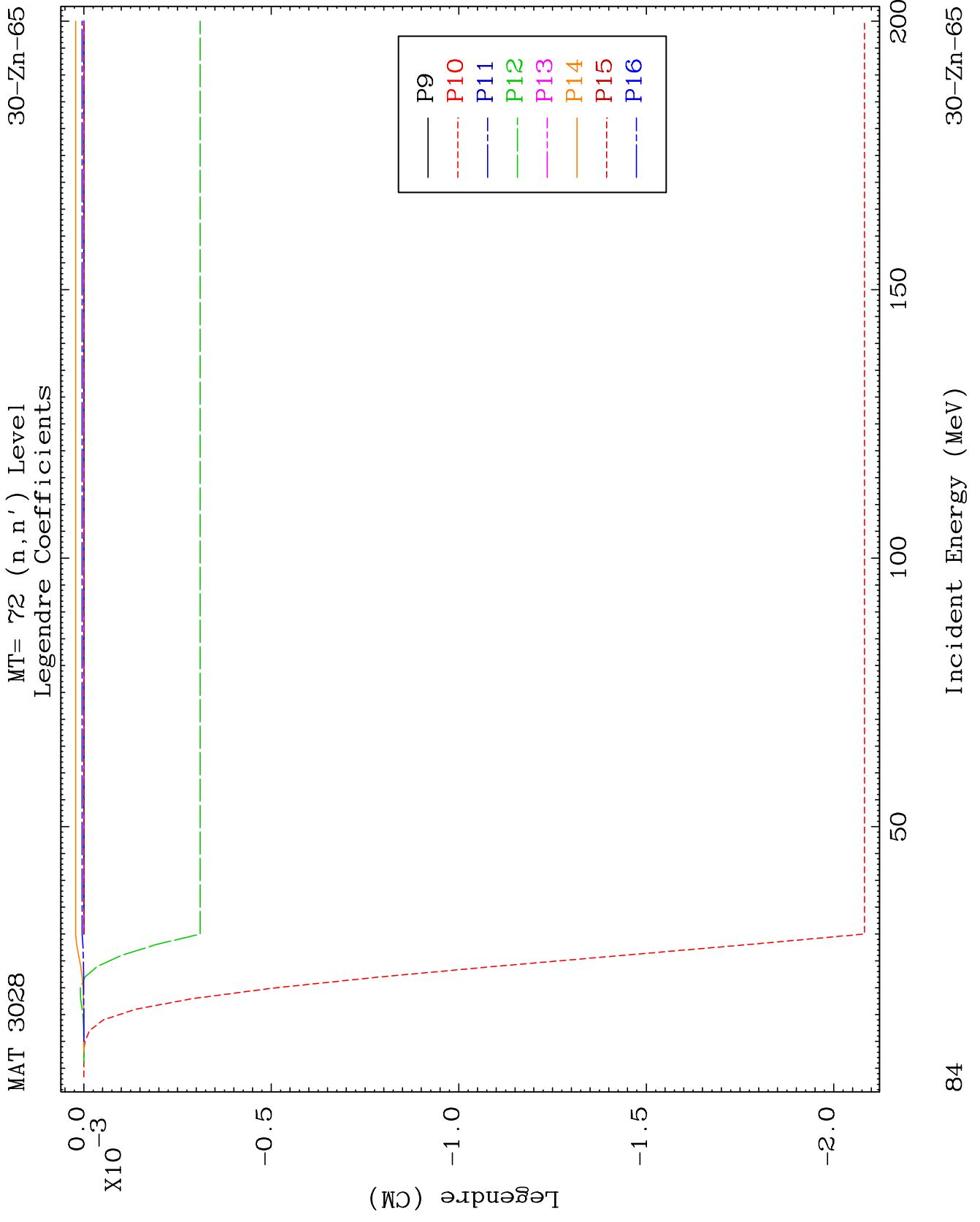


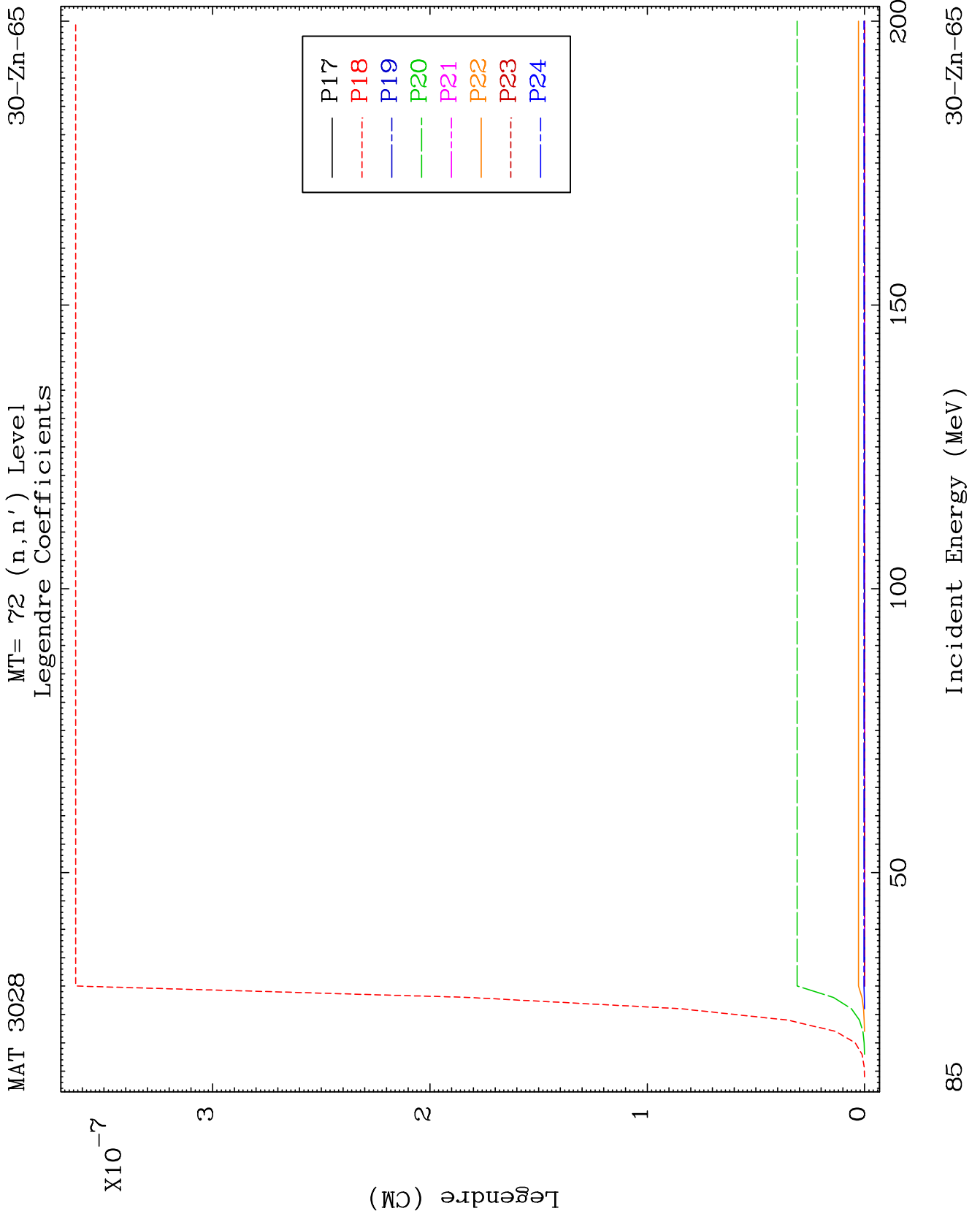


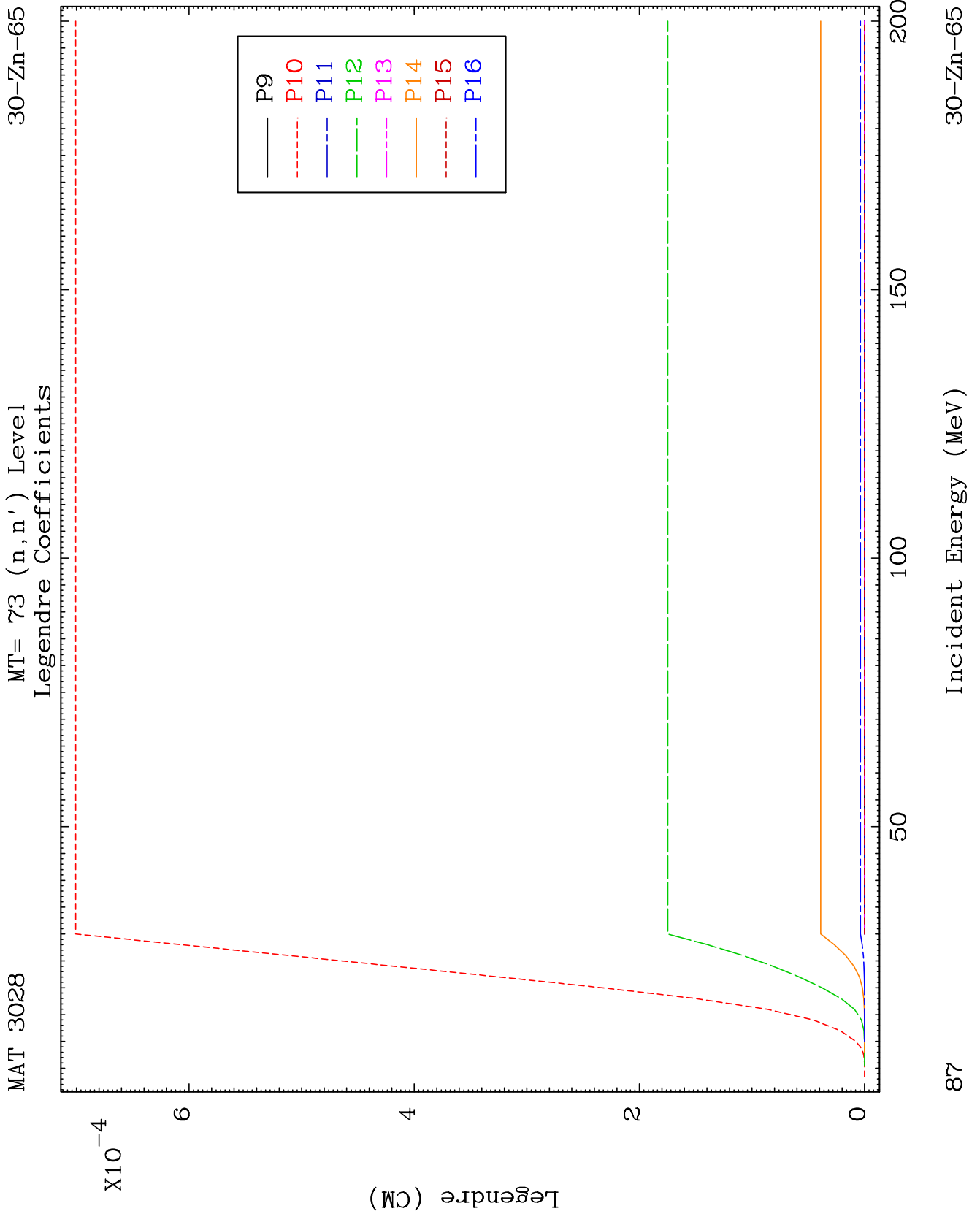


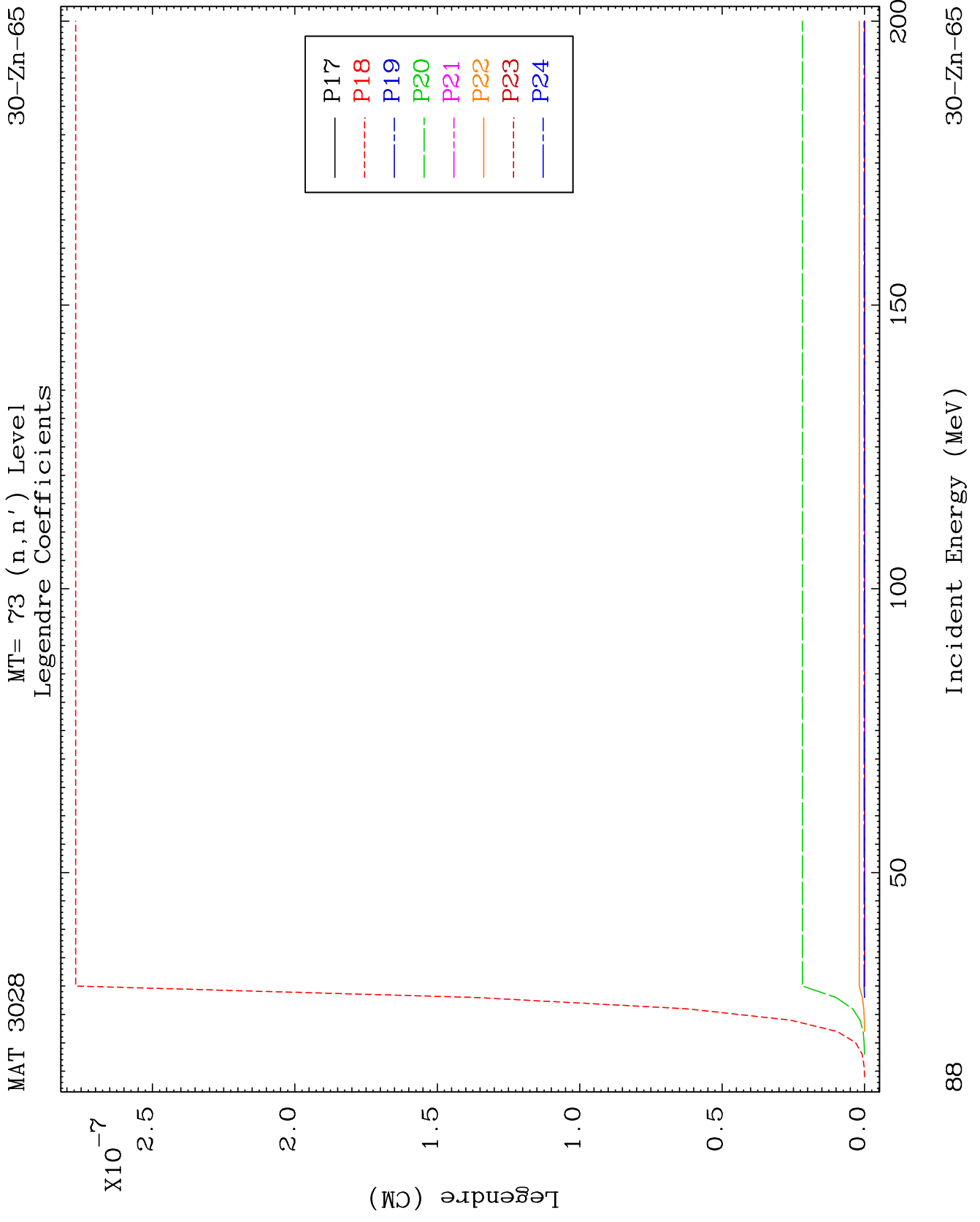


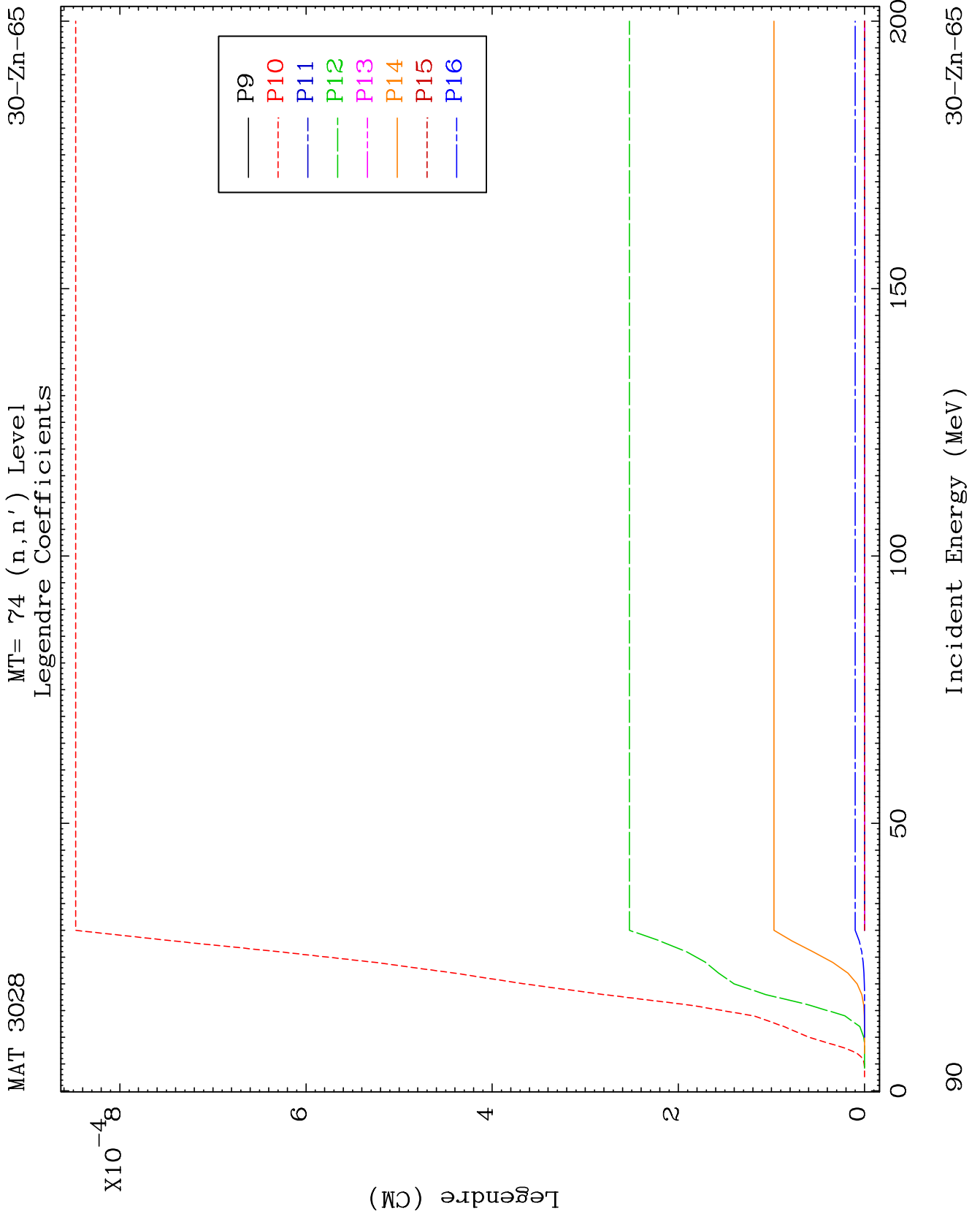


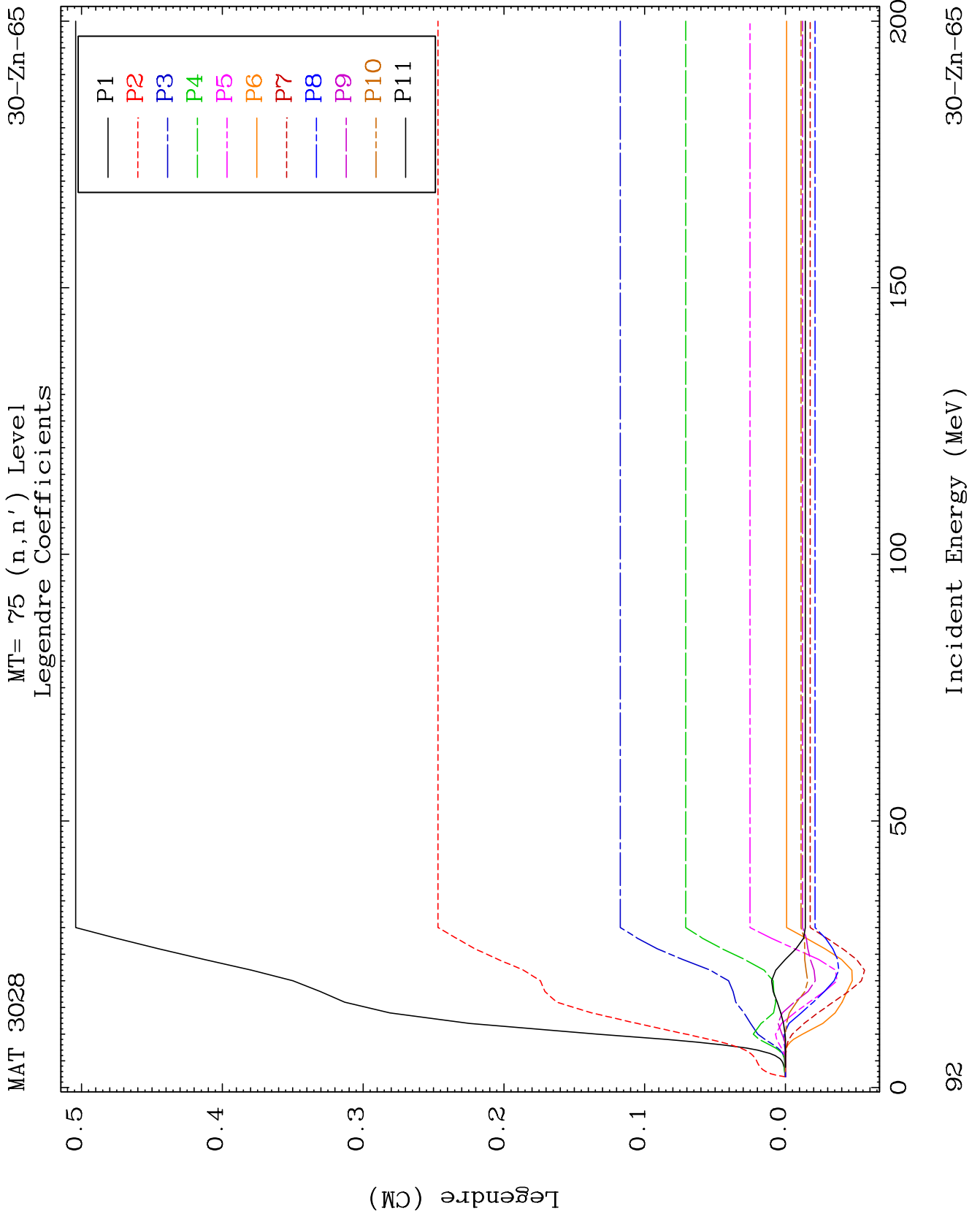








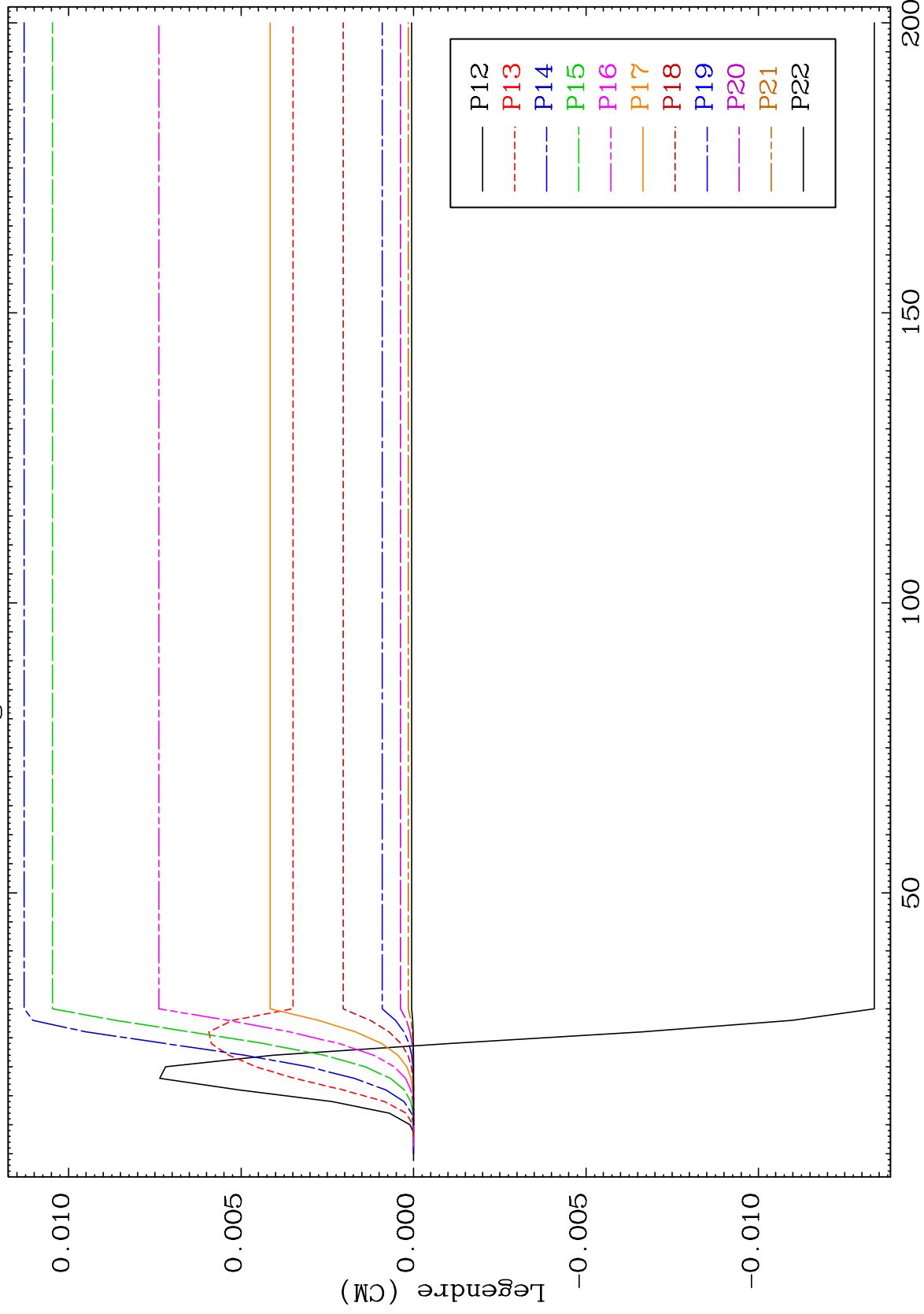




MAT 3028

MT= 75 (n,n') Level
Legendre Coefficients

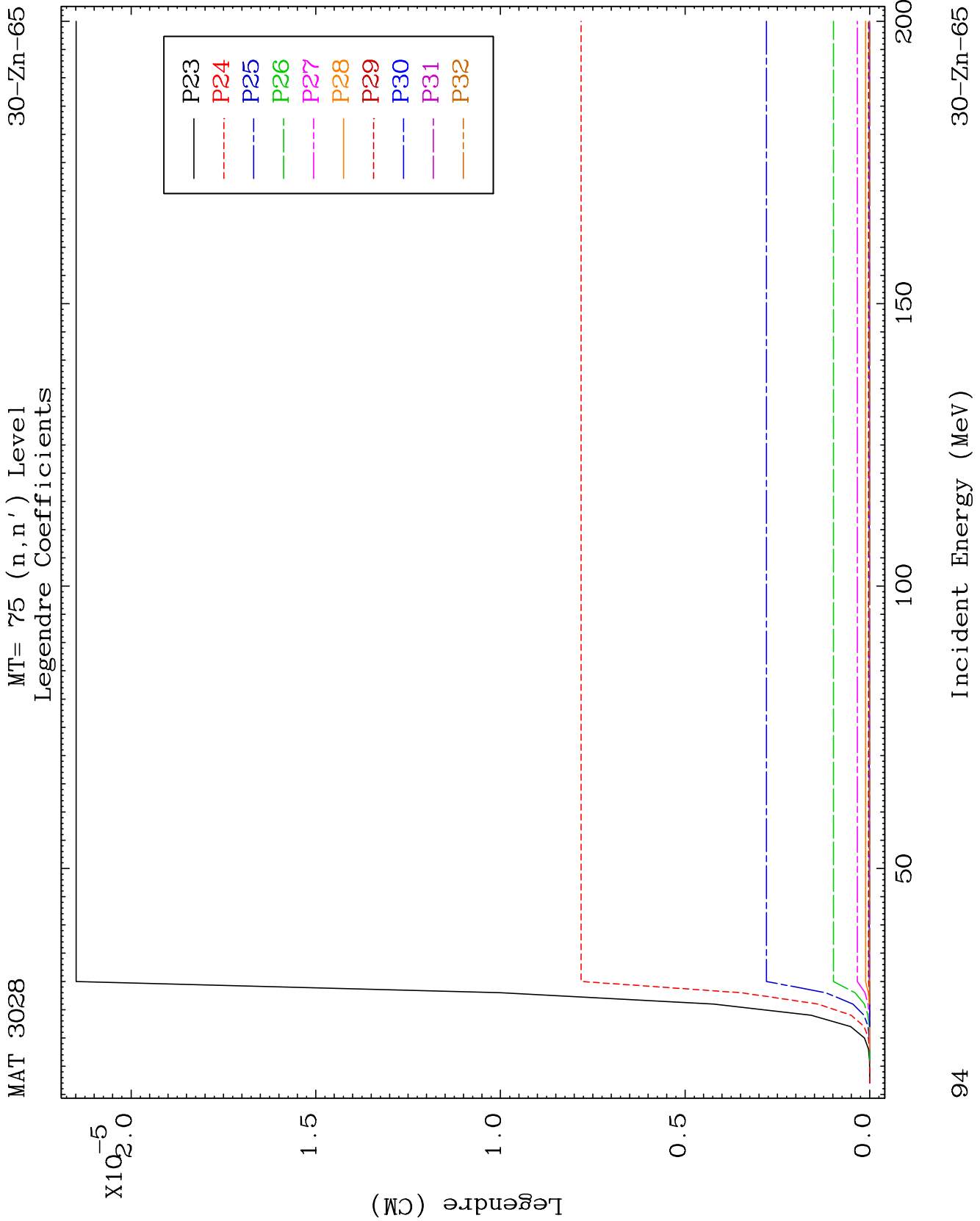
30-Zn-65

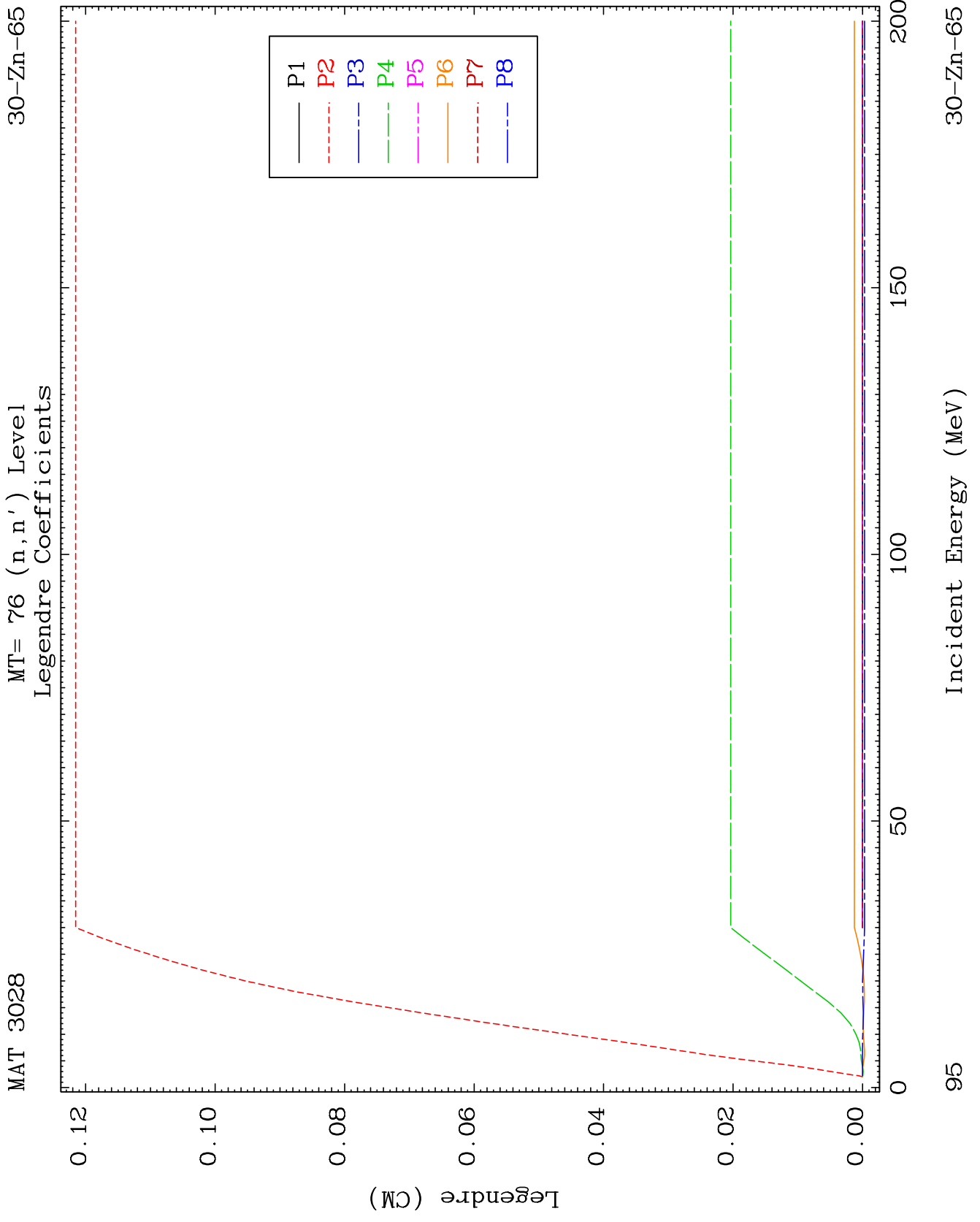


93

Incident Energy (MeV)

30-Zn-65

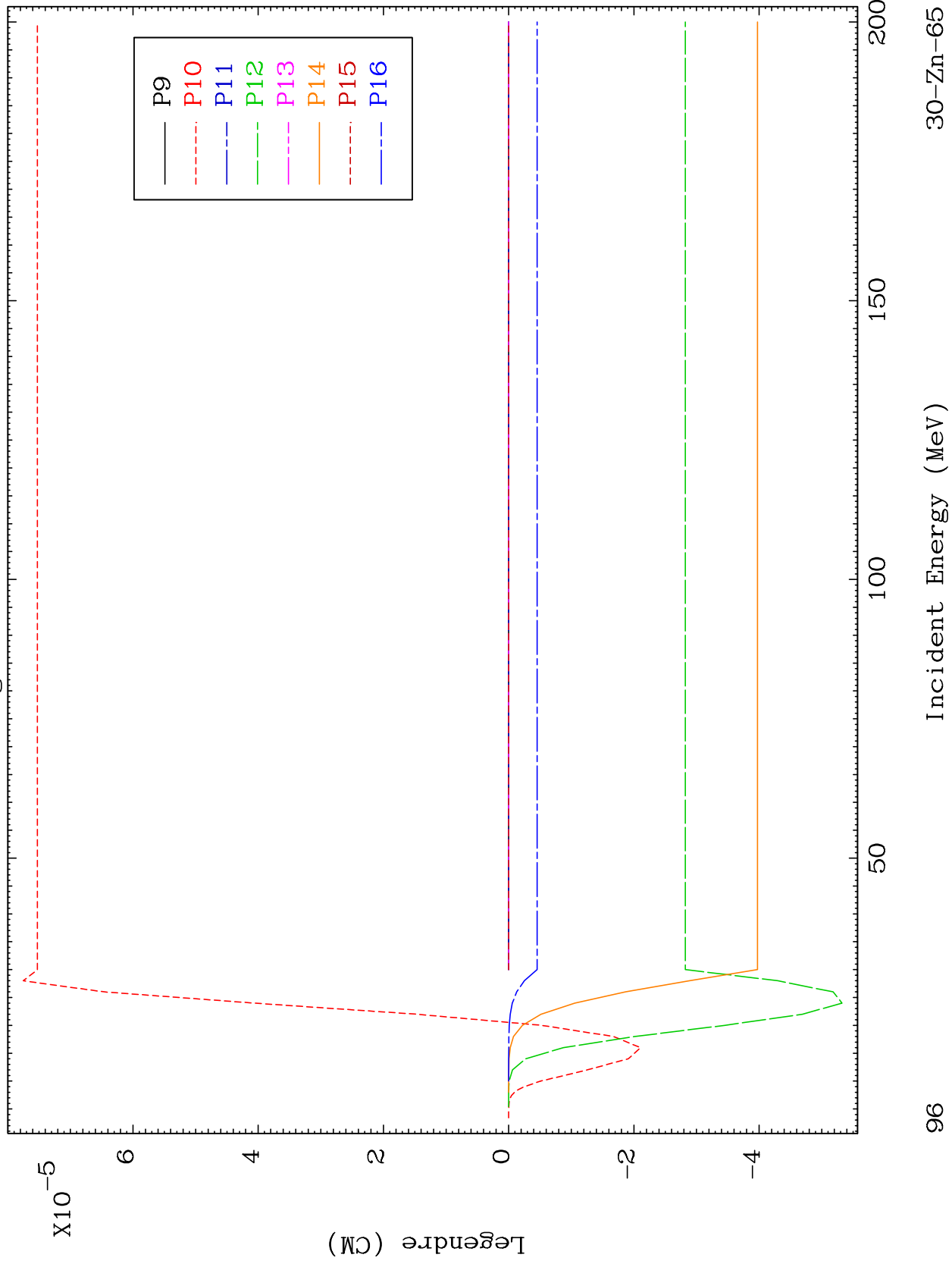




MAT 3028

MT= 76 (n,n') Level
Legendre Coefficients

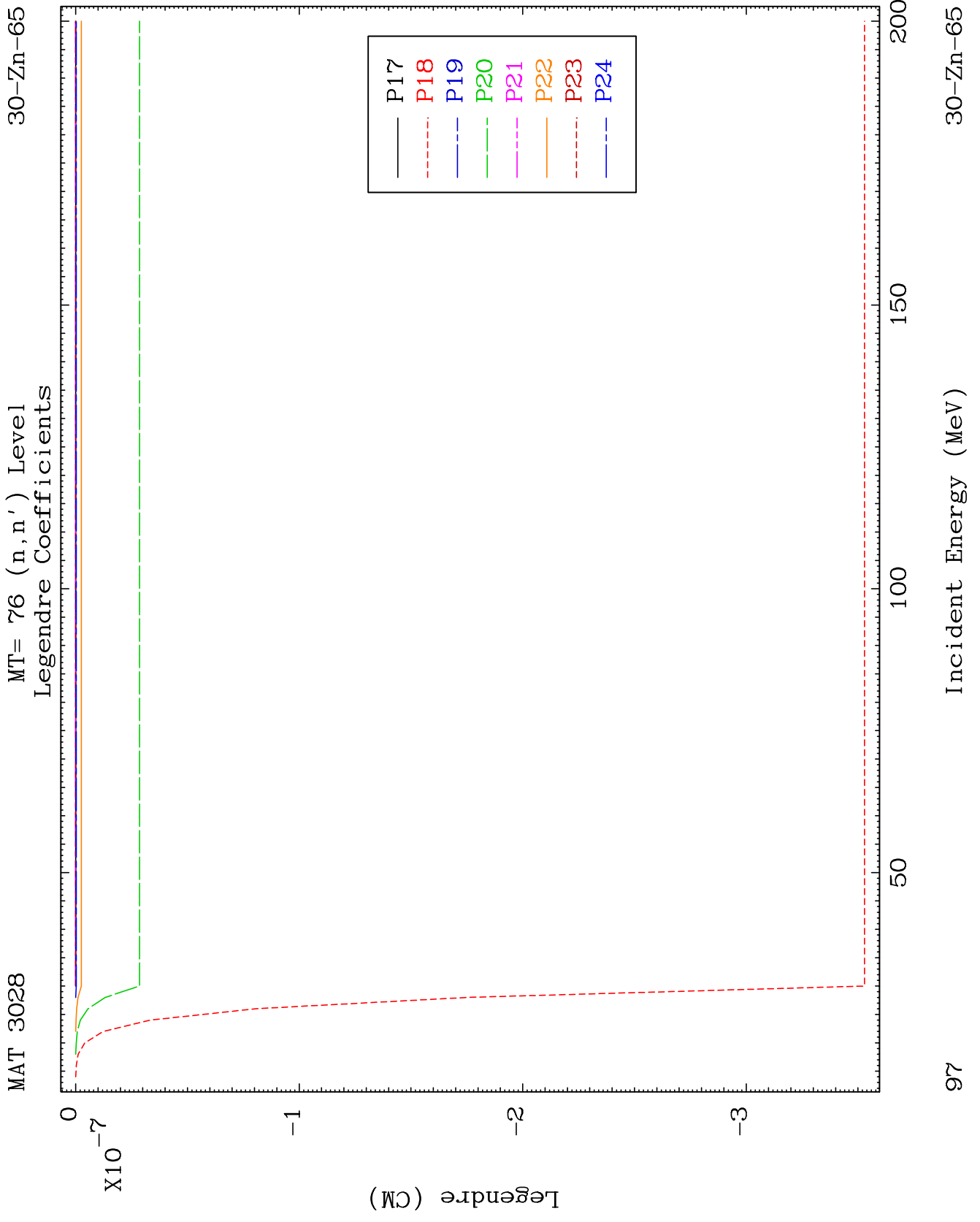
30-Zn-65

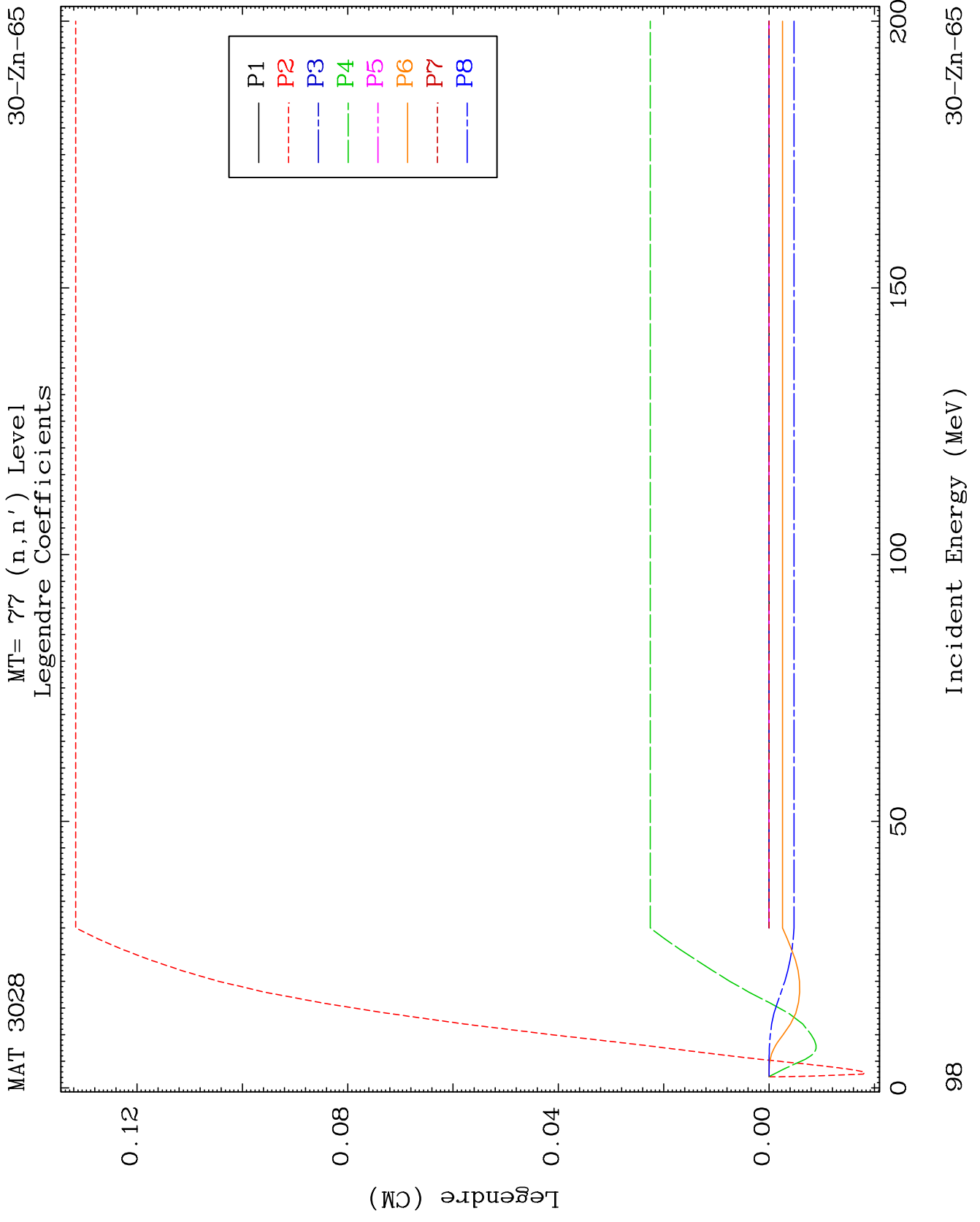


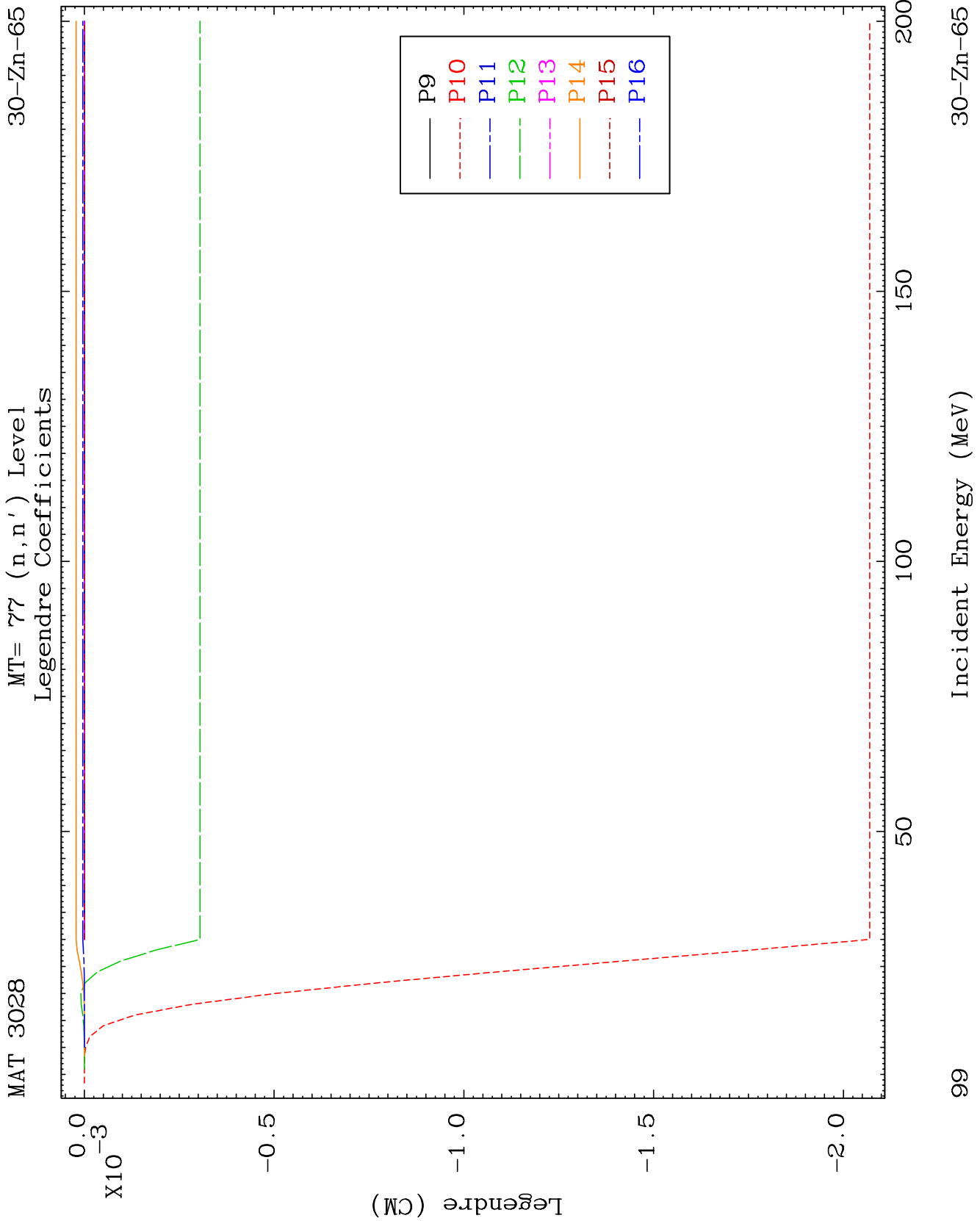
96

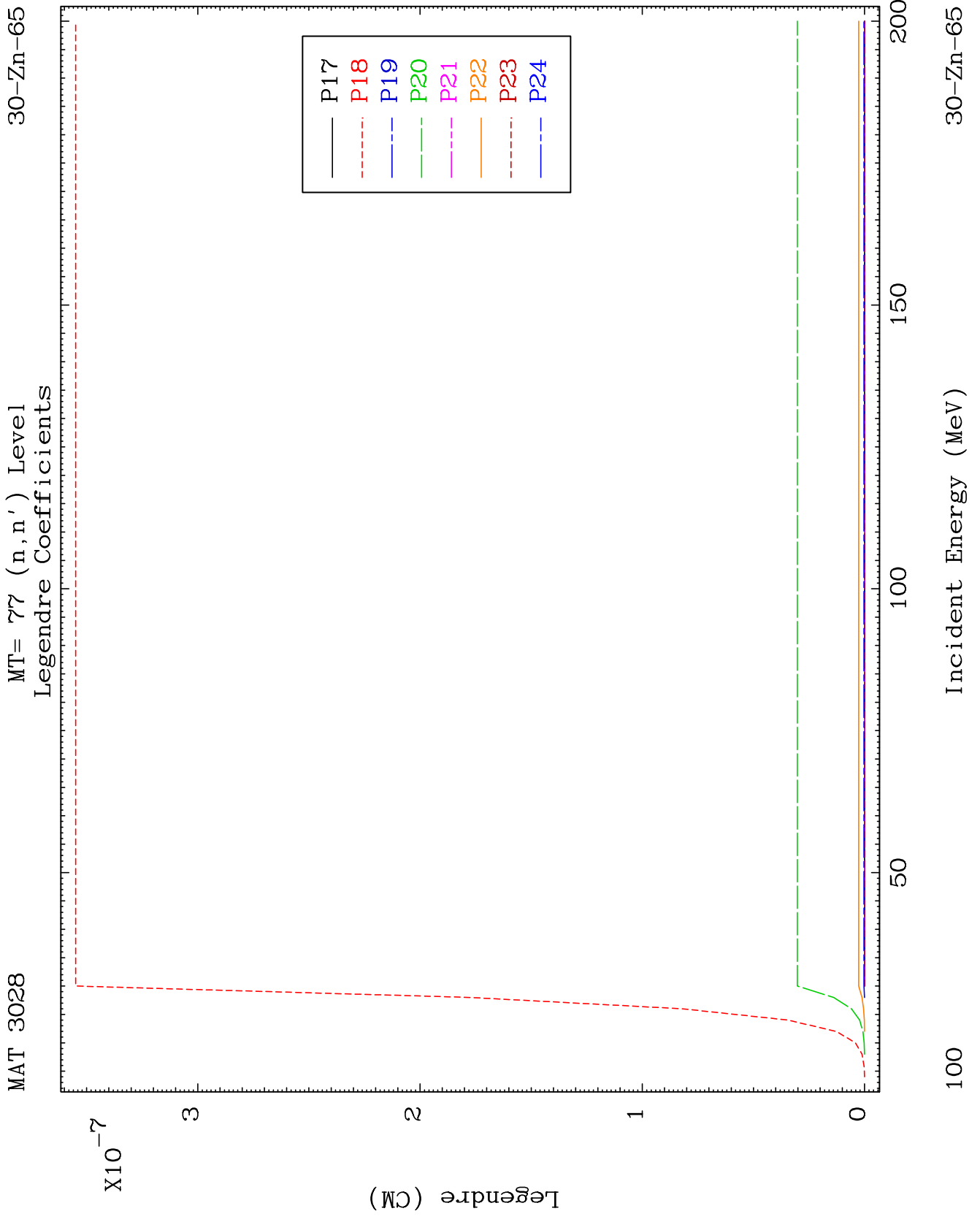
Incident Energy (MeV)

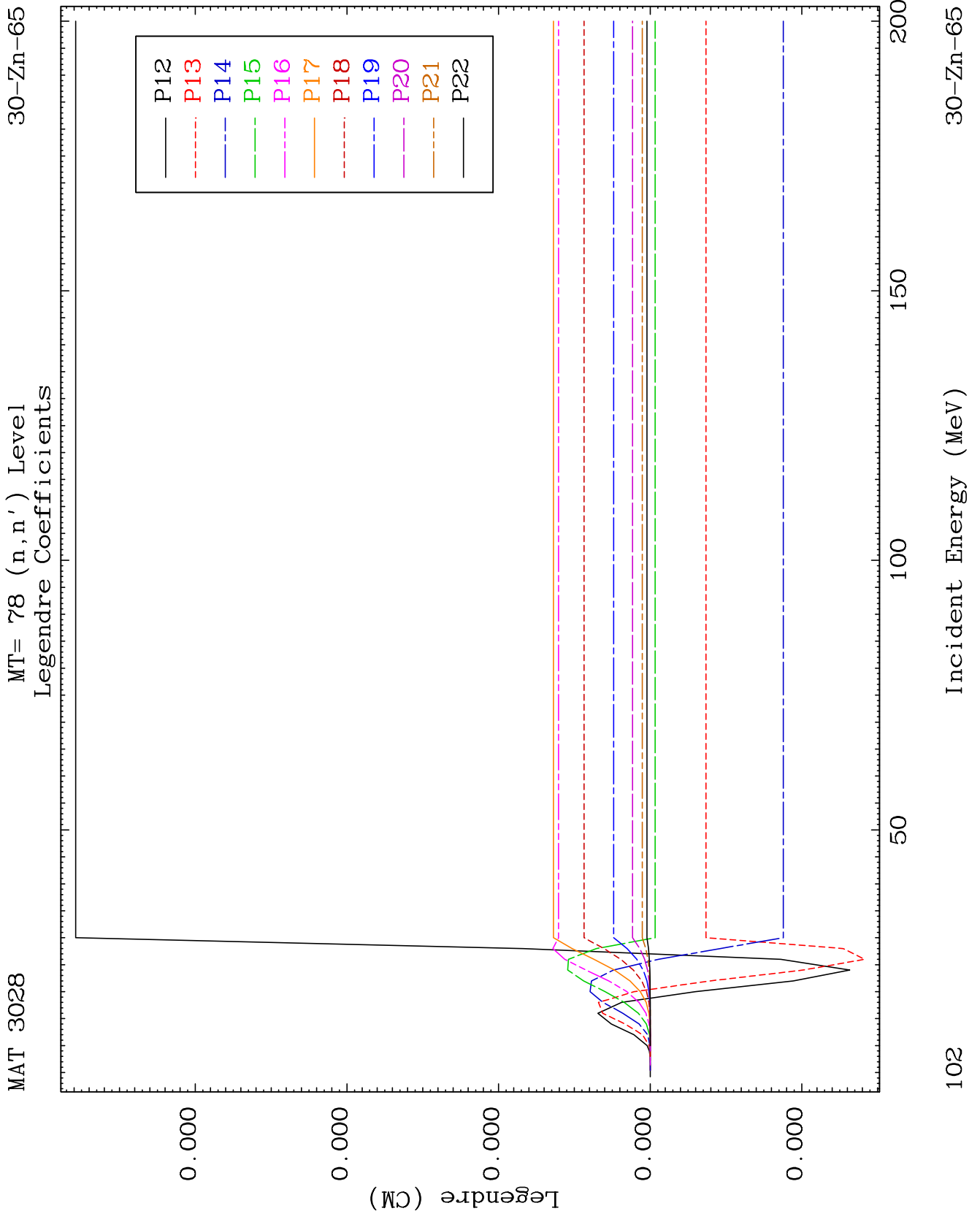
30-Zn-65

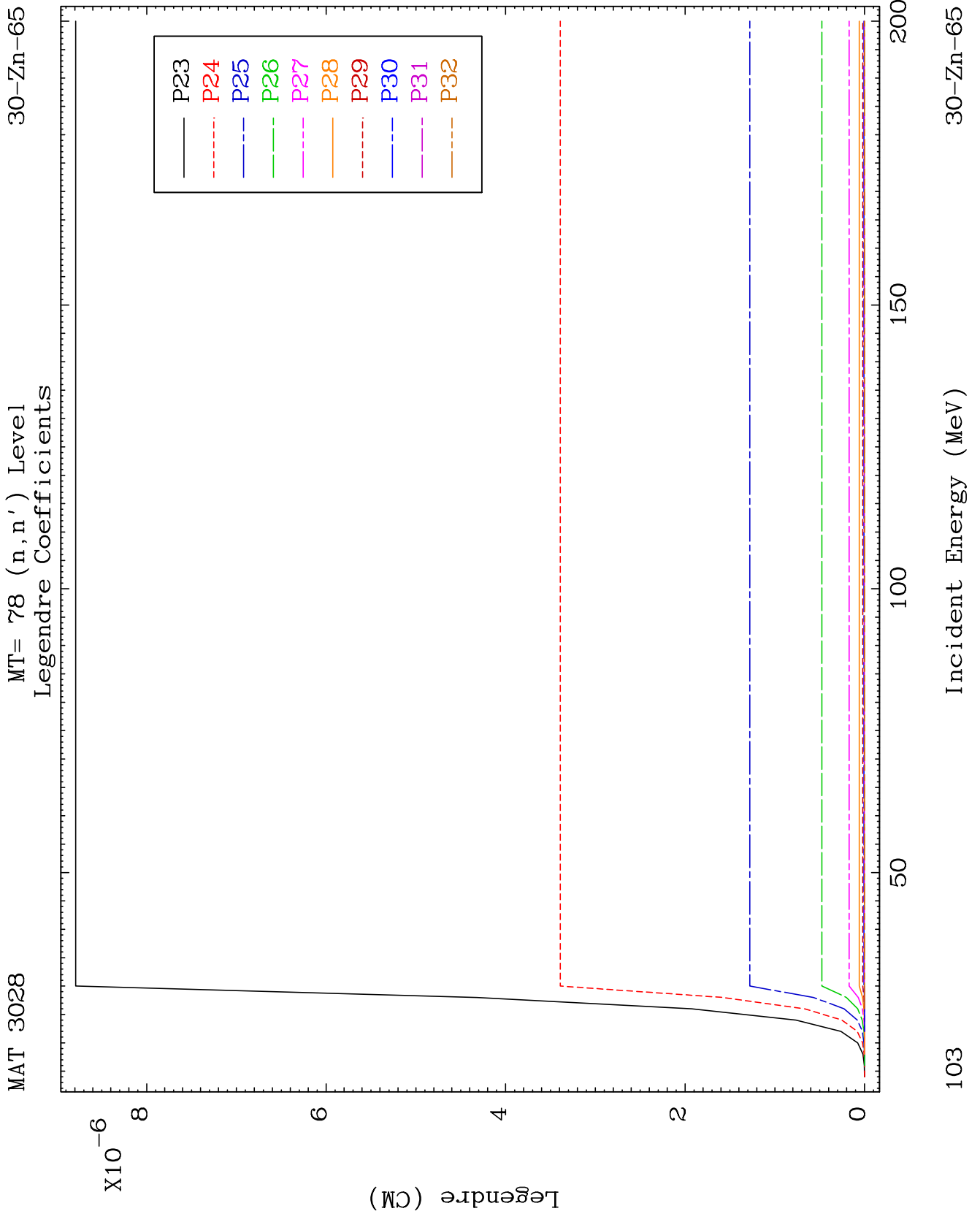


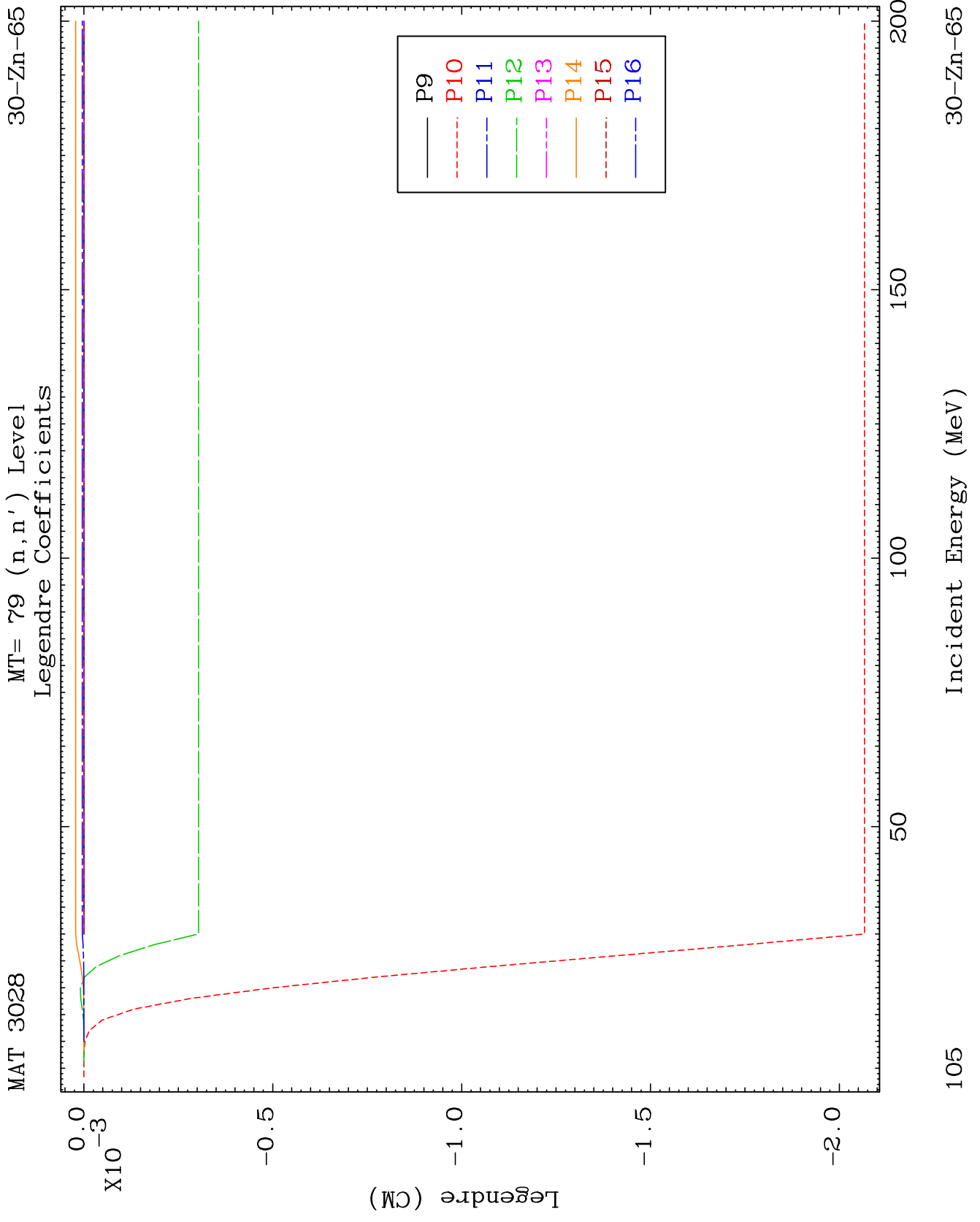


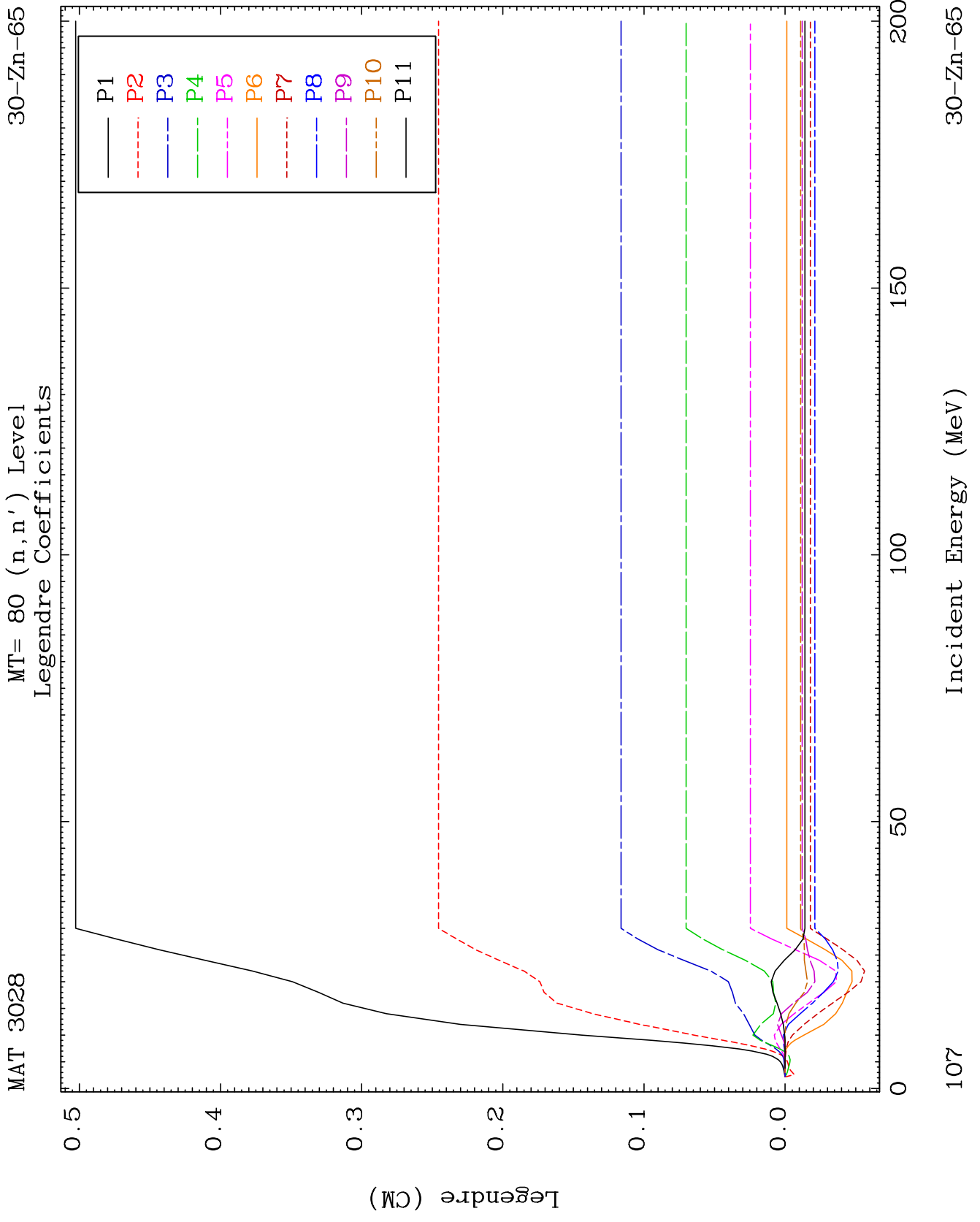








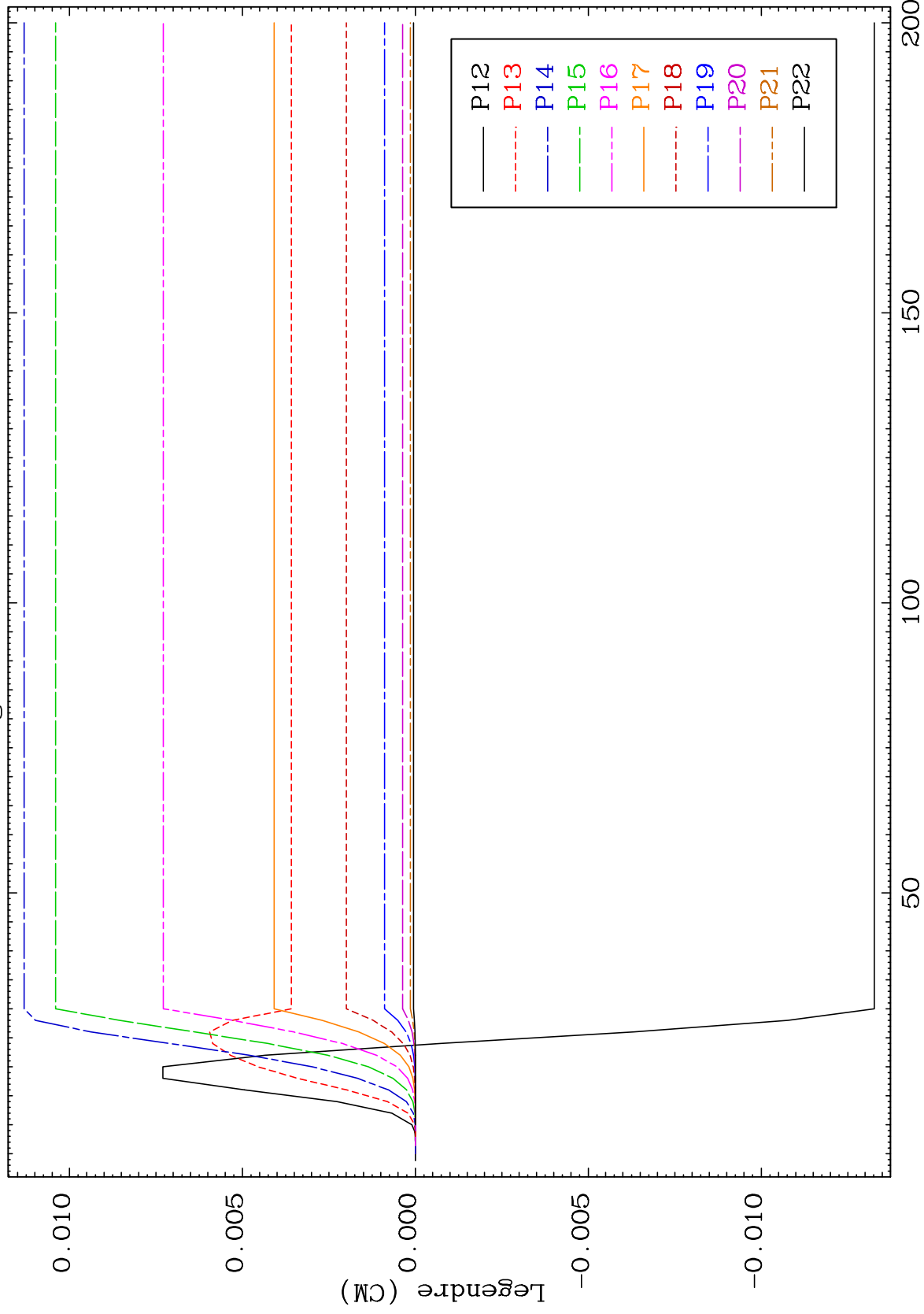




MAT 3028

MT= 80 (n,n') Level
Legendre Coefficients

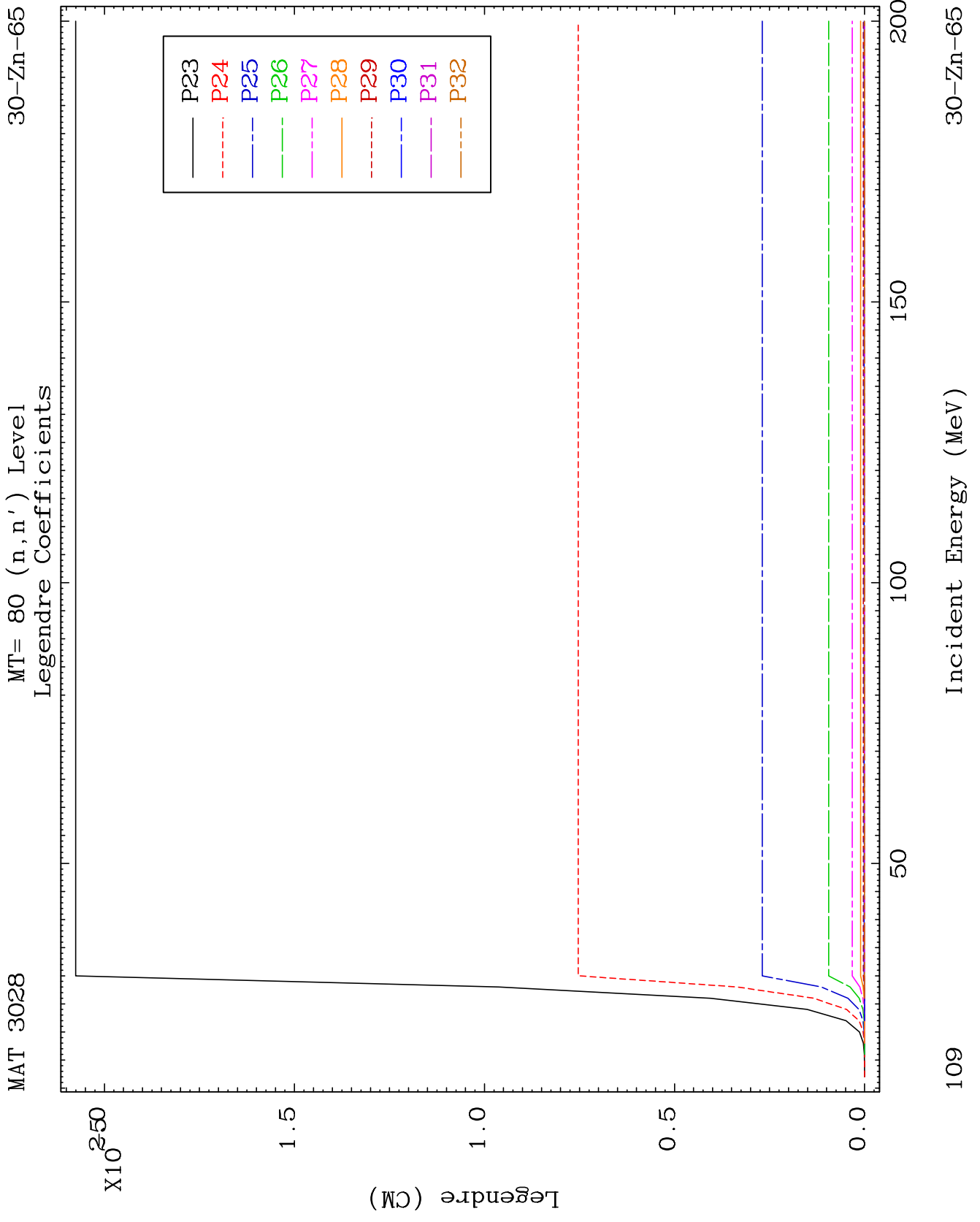
30-Zn-65



108

Incident Energy (MeV)

30-Zn-65

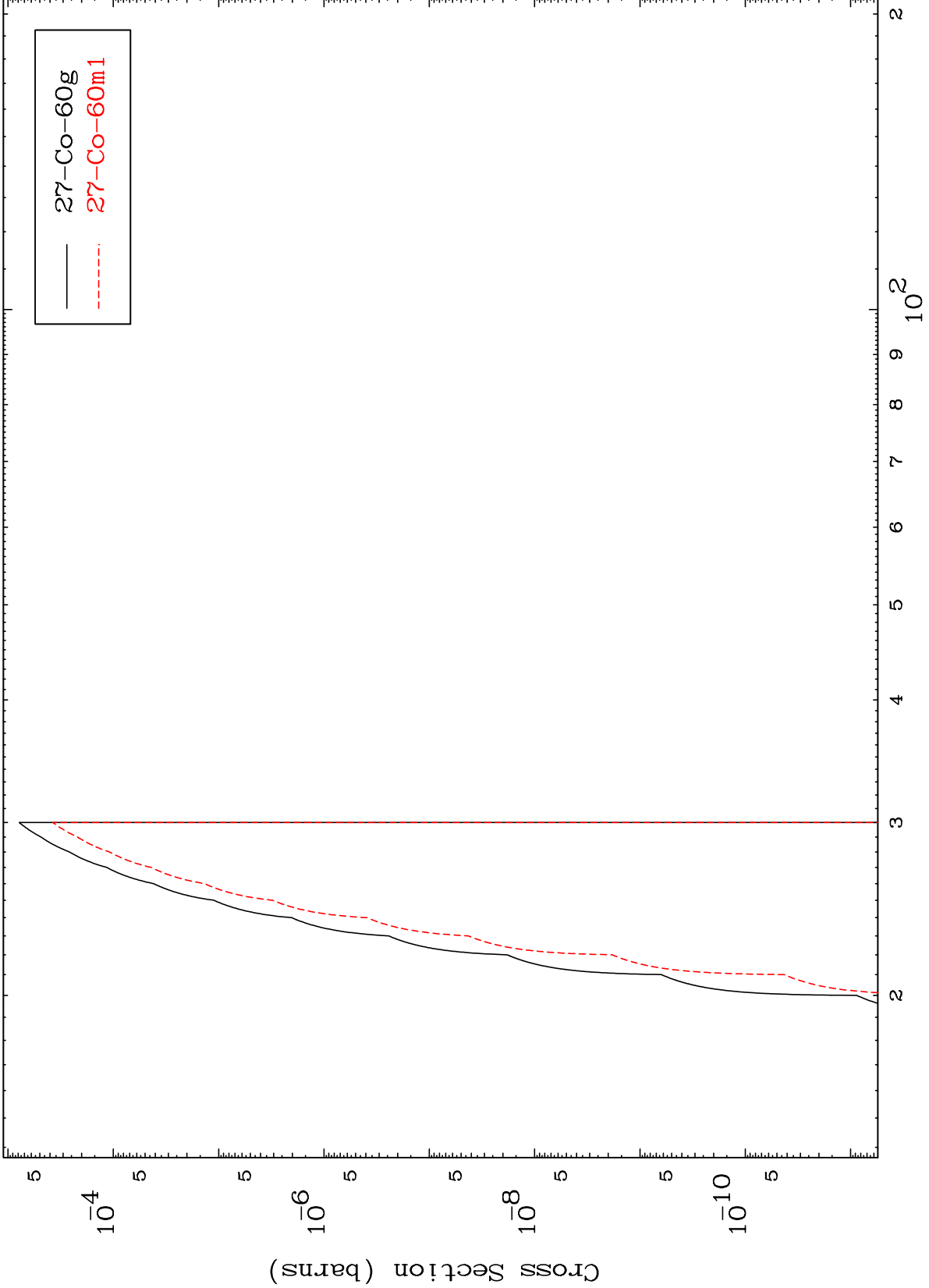


MAT 3028

(n,n') p α

30-Zn-65

Radionuclide Production Cross Section



110

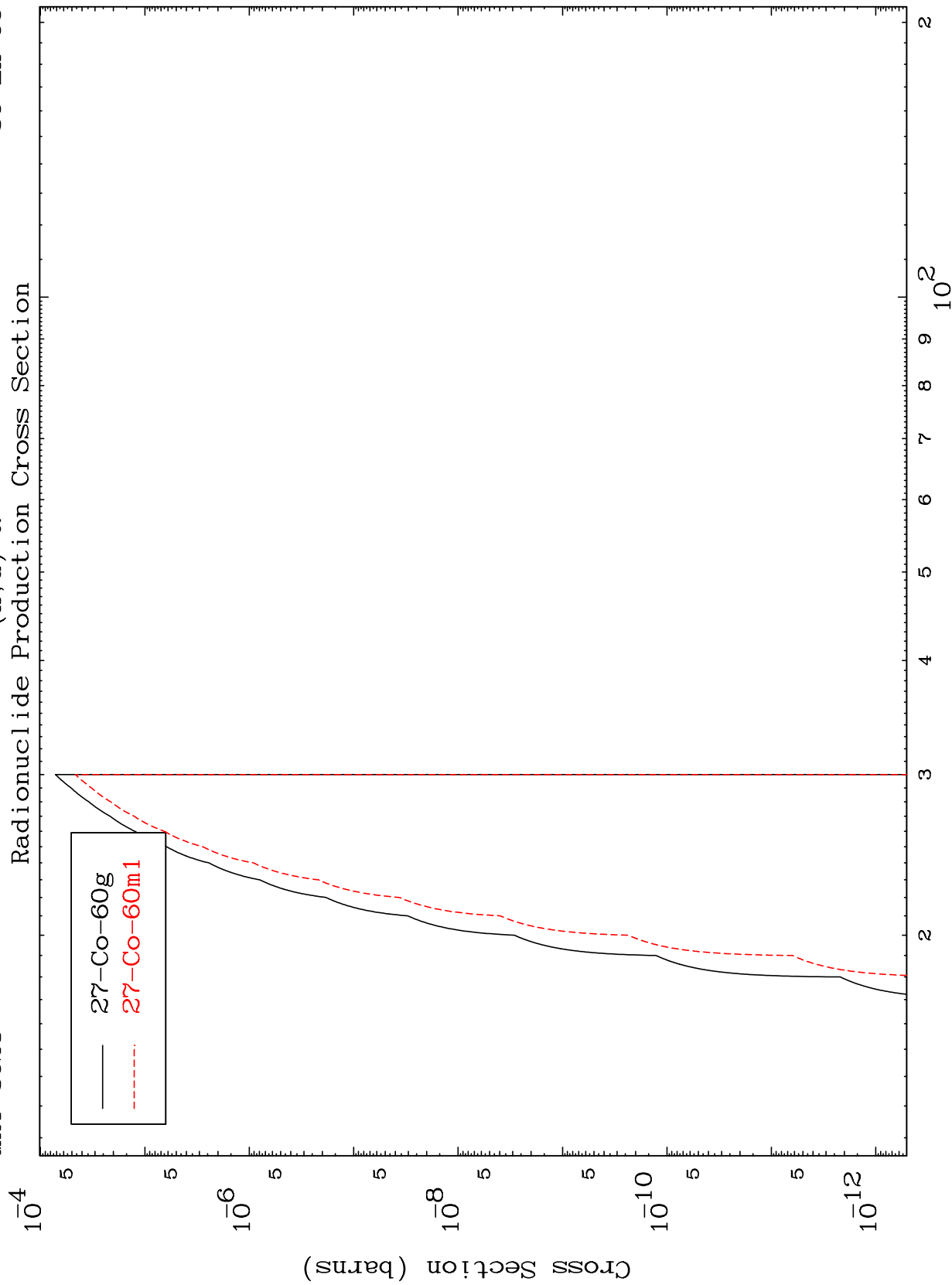
Incident Energy (MeV)

30-Zn-65

MAT 3028

30-Zn-65

(n,d) α
Radionuclide Production Cross Section



— 27-Co-60g
- - - 27-Co-60m1

30-Zn-65

Incident Energy (MeV)

111