

Program EVALPLOT
(Version 2021-1)

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

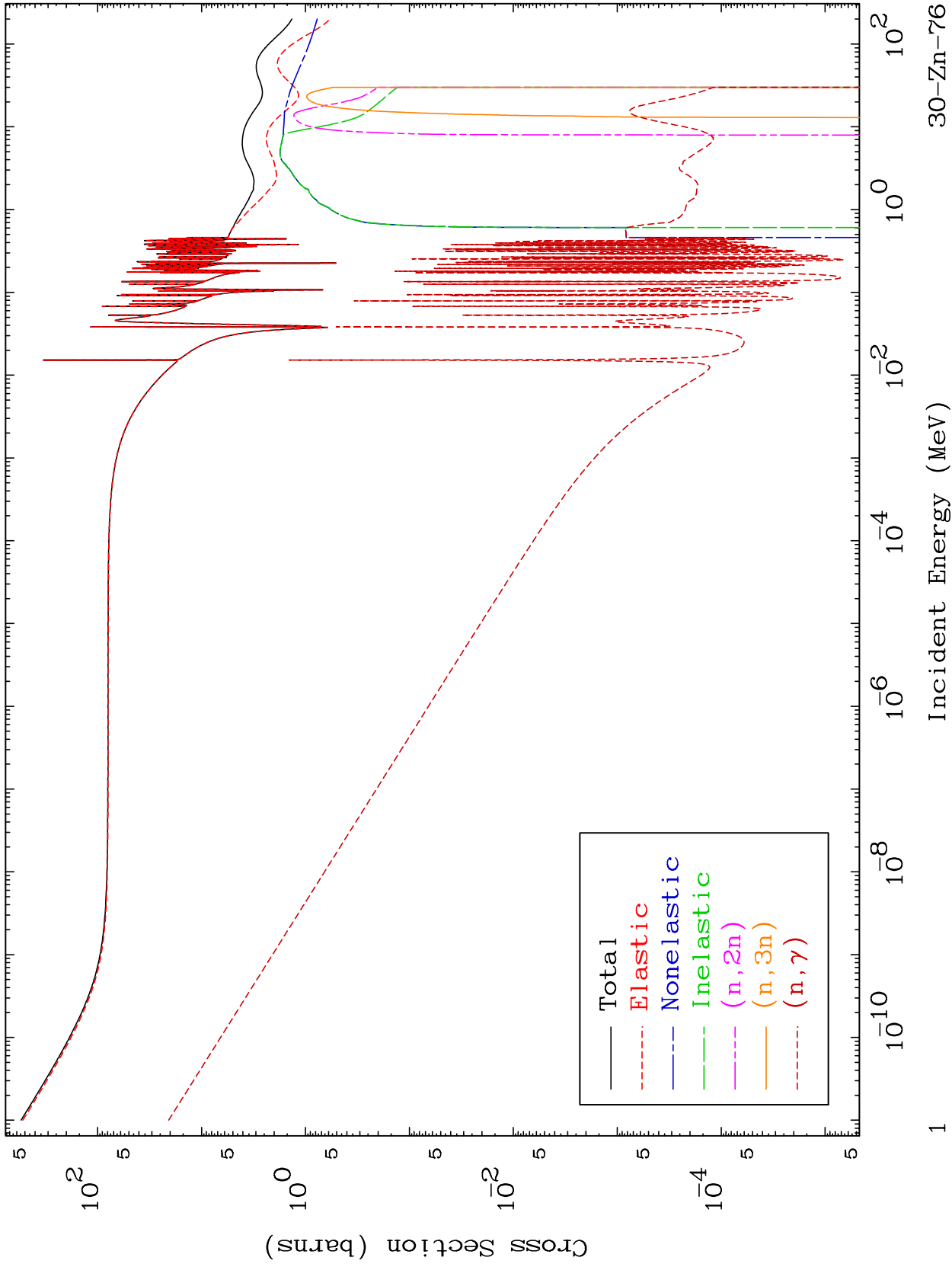
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3061

Neutron Major
293 Kelvin Cross Sections

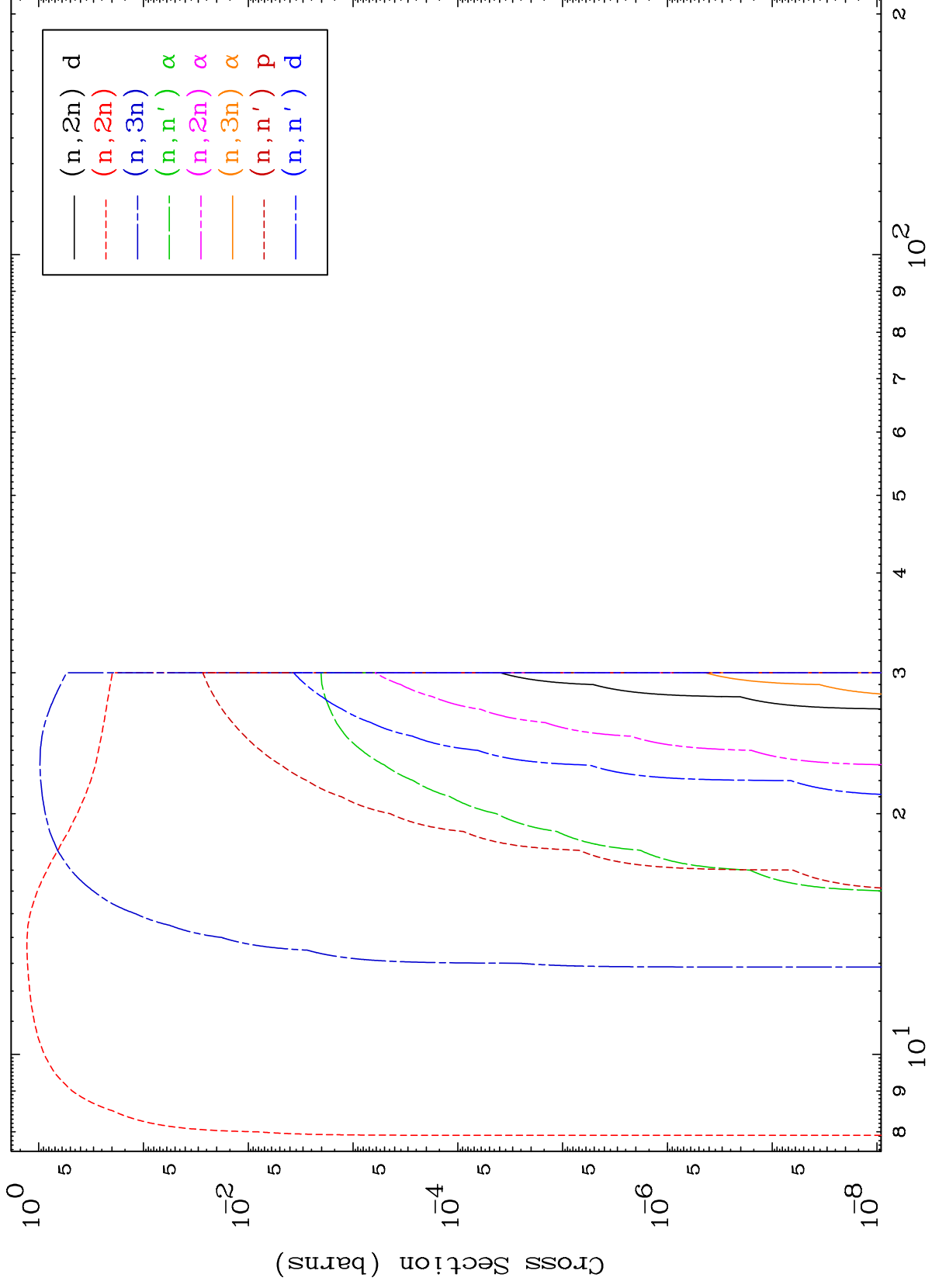
30-Zn-76



MAT 3061

Neutron Absorption
293 Kelvin Cross Sections

30-Zn-76



2

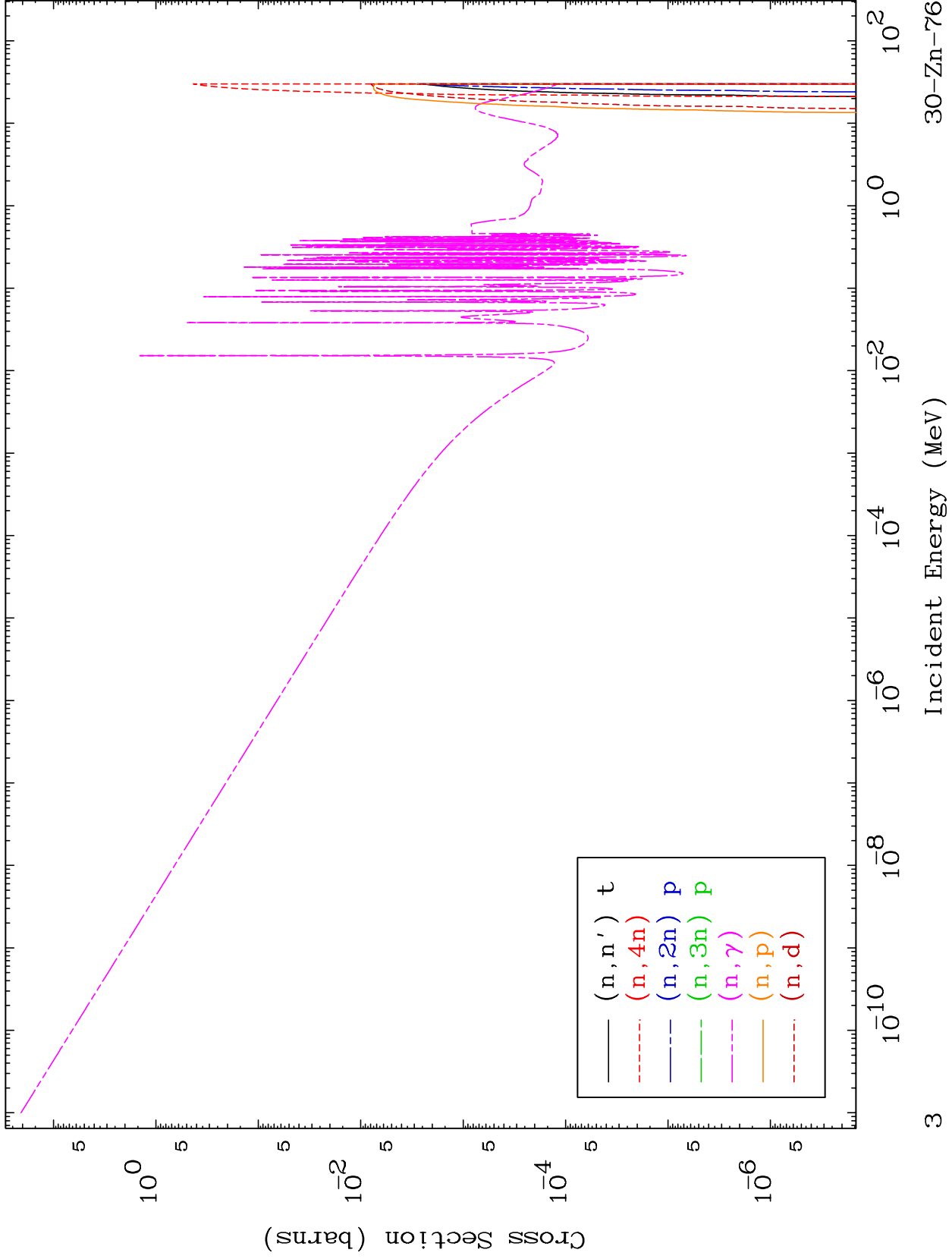
Incident Energy (MeV)

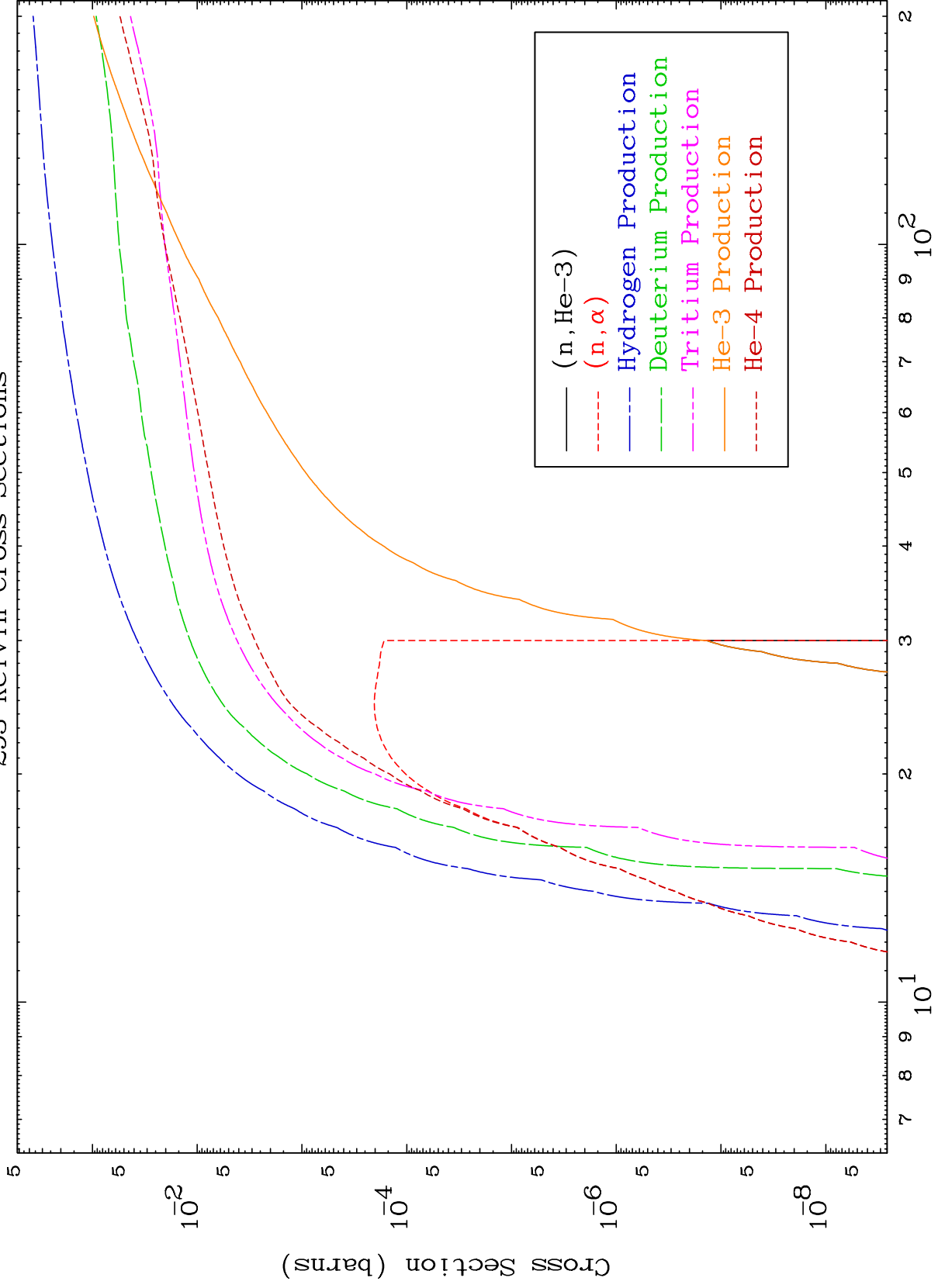
30-Zn-76

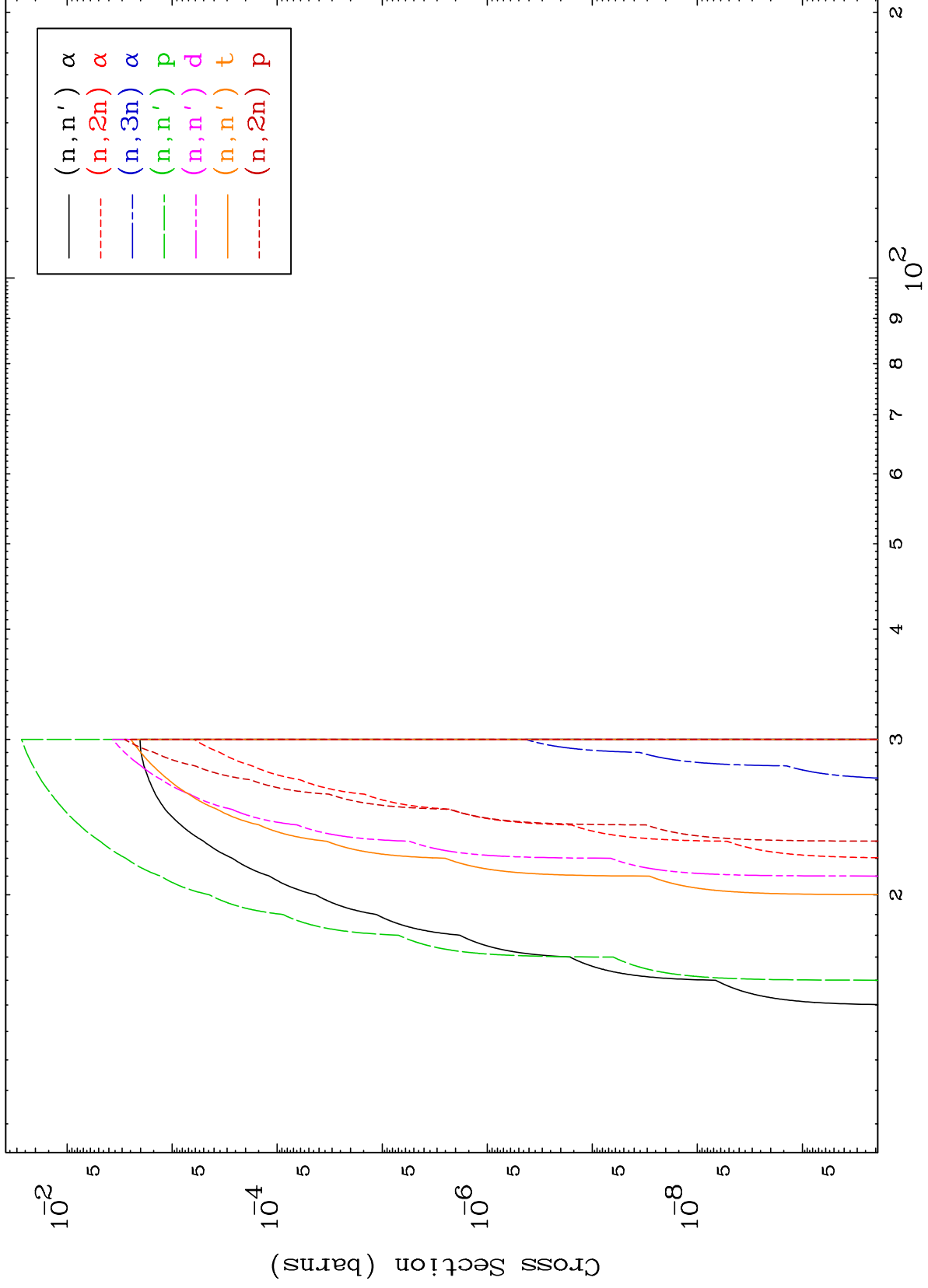
MAT 3061

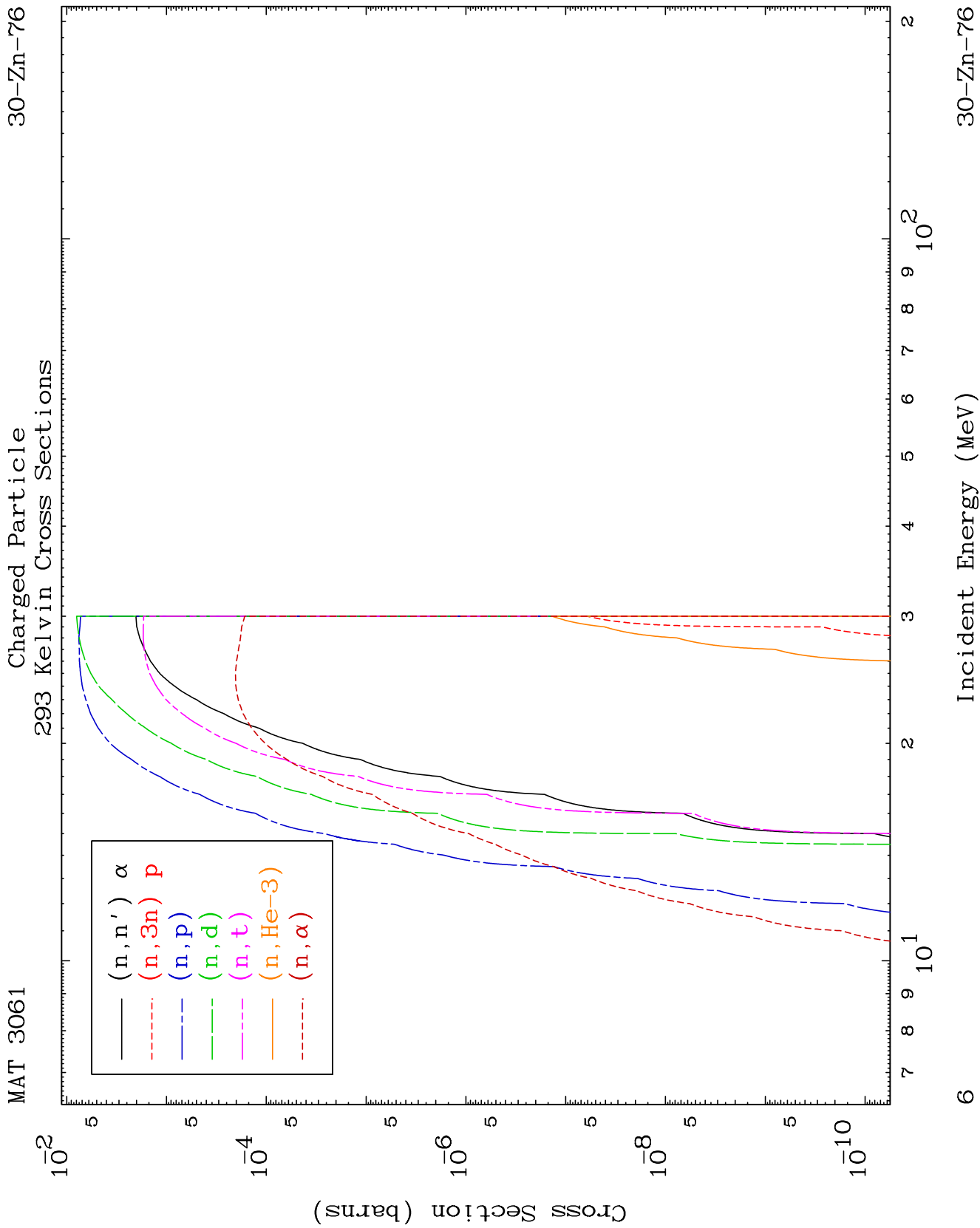
Neutron Absorption
293 Kelvin Cross Sections

30-Zn-76





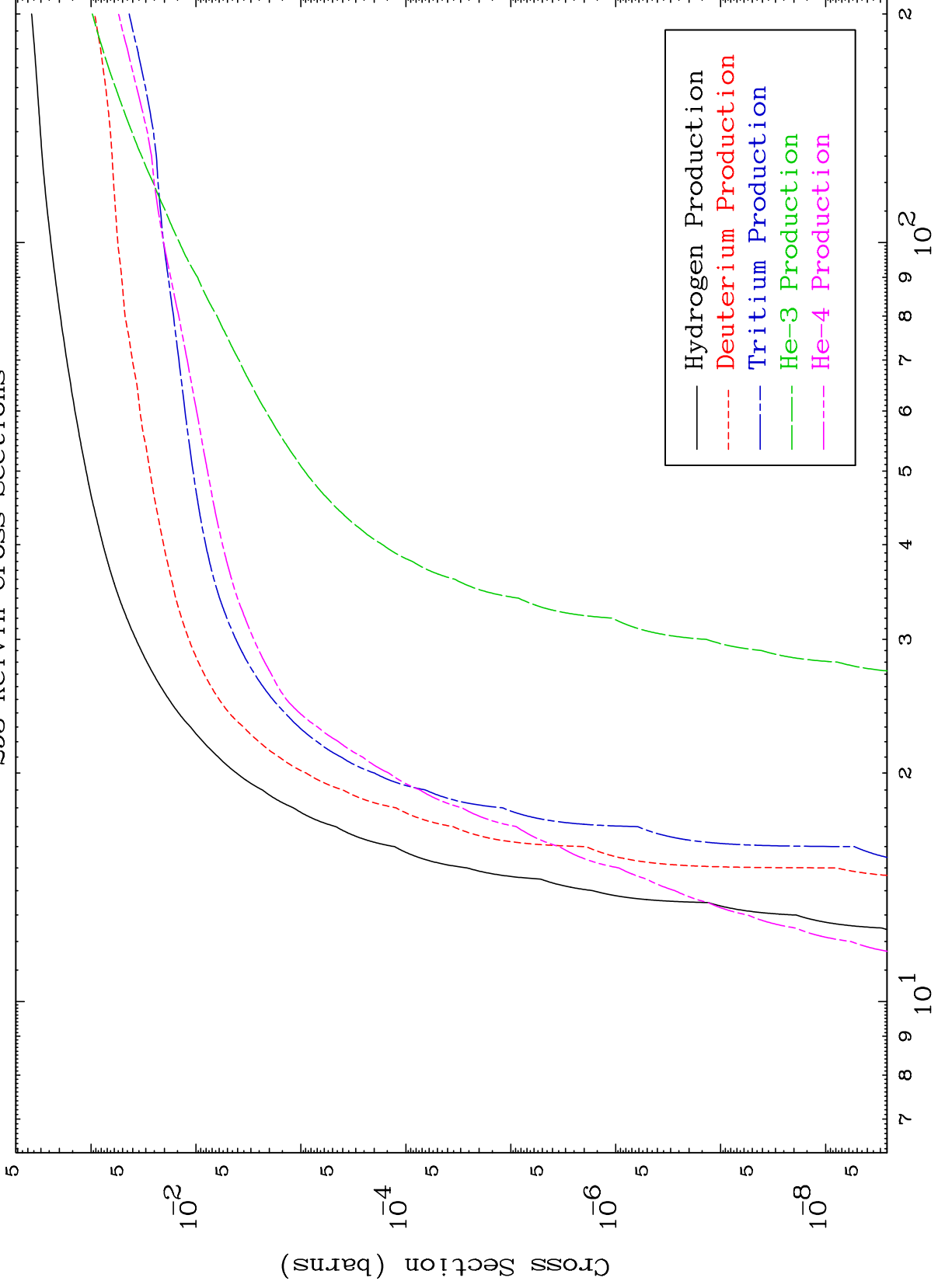




MAT 3061

Particle Production
293 Kelvin Cross Sections

30-Zn-76



7

Incident Energy (MeV)

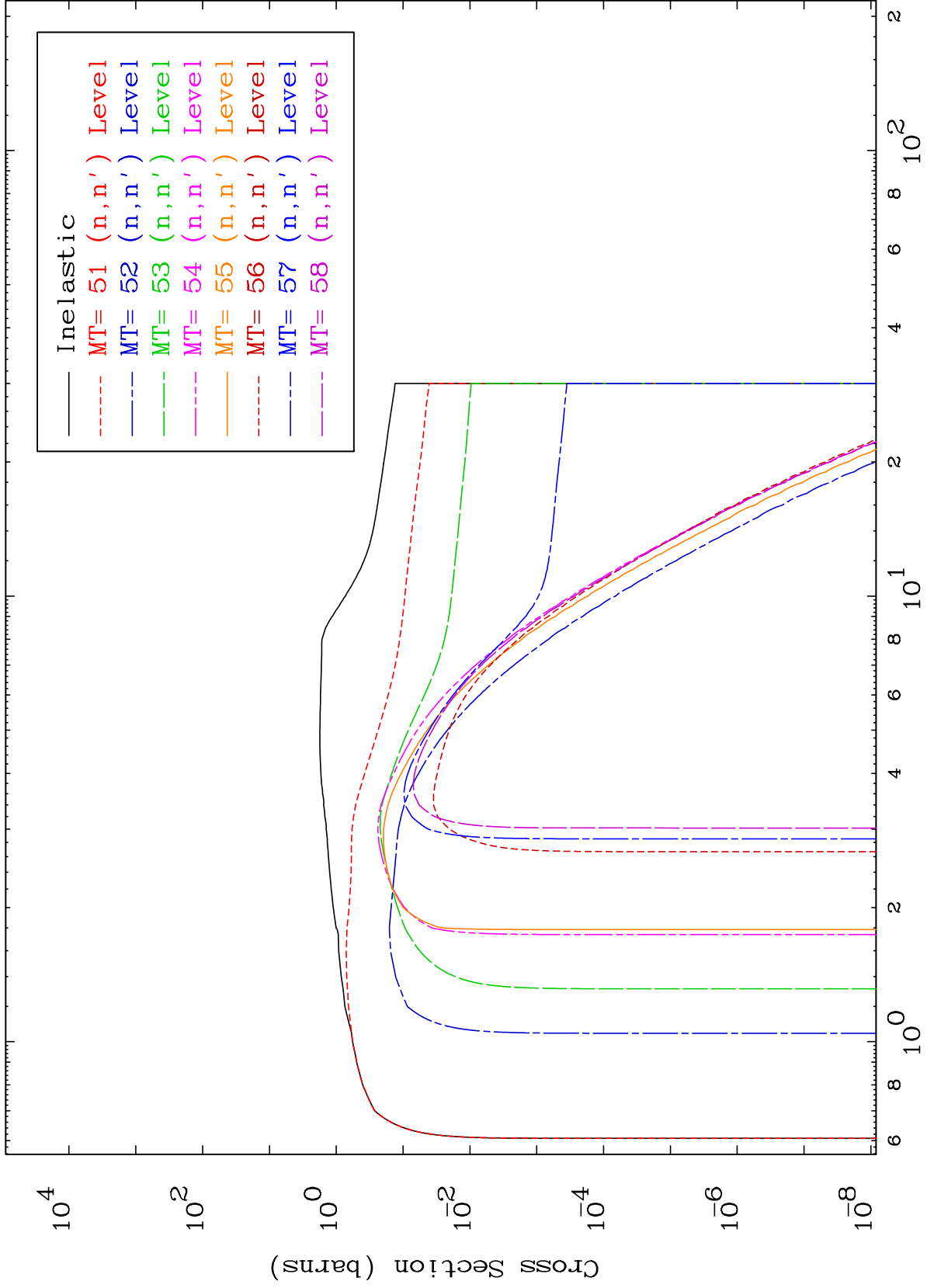
30-Zn-76

MAT 3061

(n,n') Levels

293 Kelvin Cross Sections

30-Zn-76



8

Incident Energy (MeV)

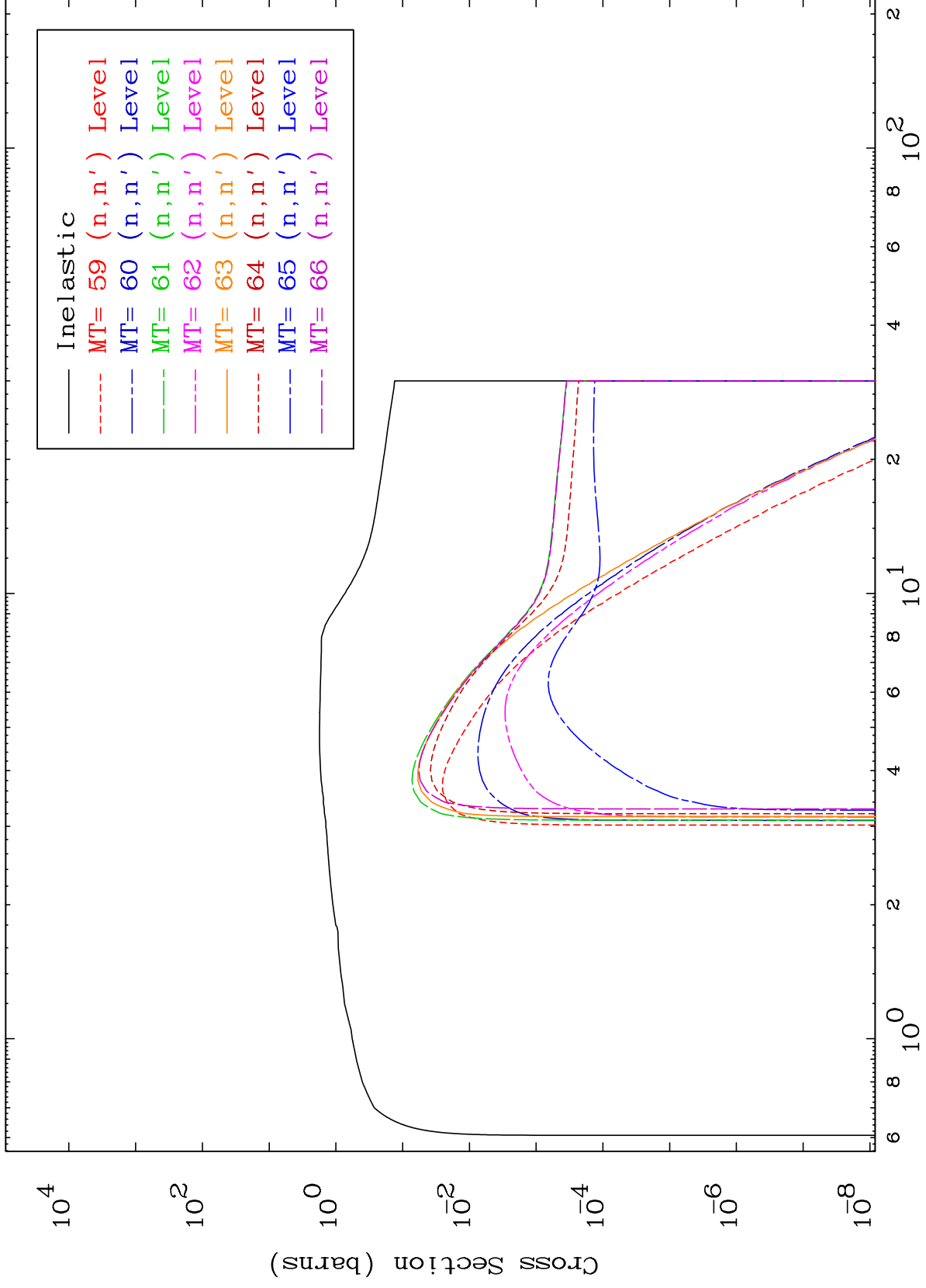
30-Zn-76

MAT 3061

(n,n') Levels

293 Kelvin Cross Sections

30-Zn-76



9

Incident Energy (MeV)

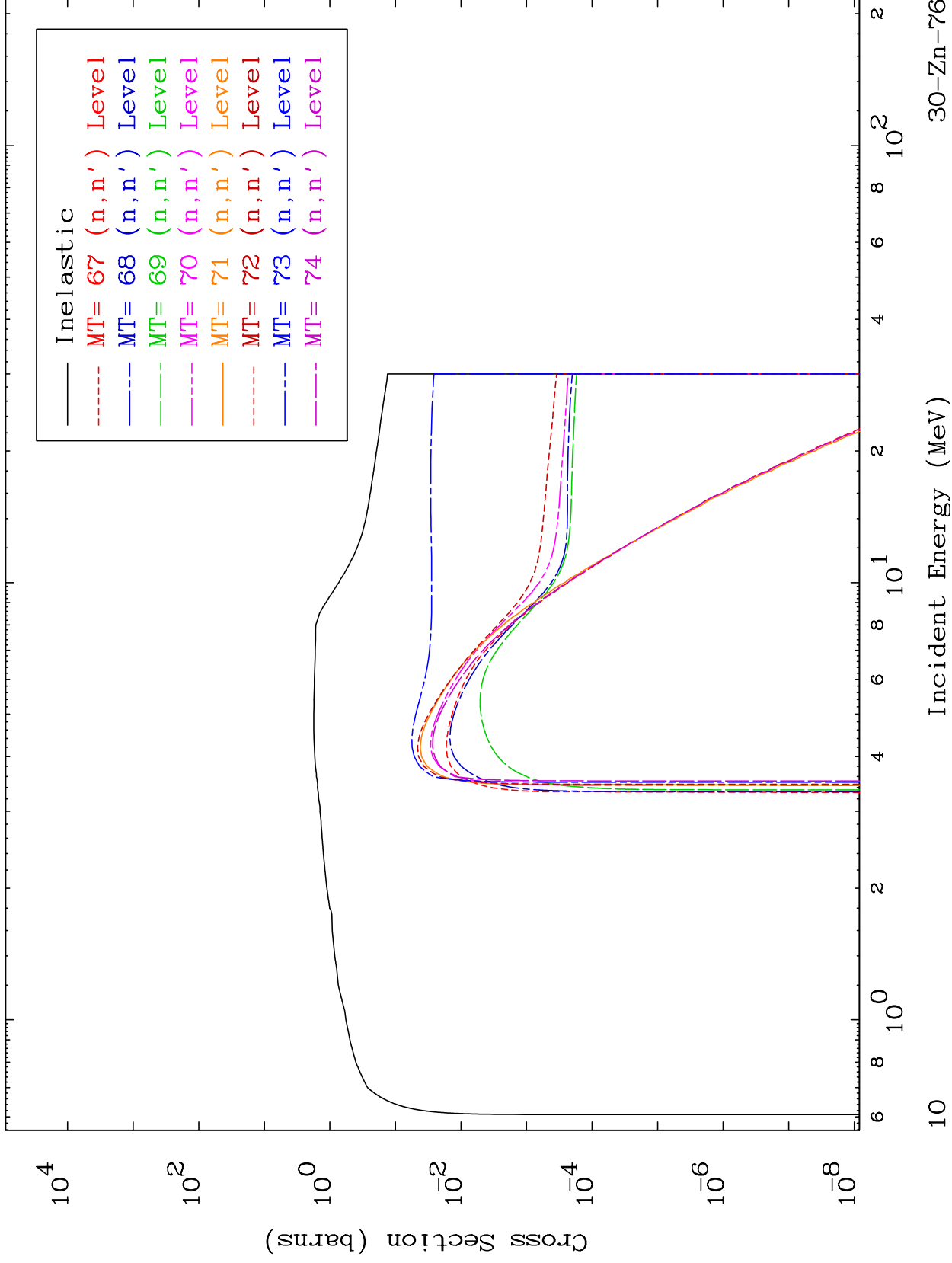
30-Zn-76

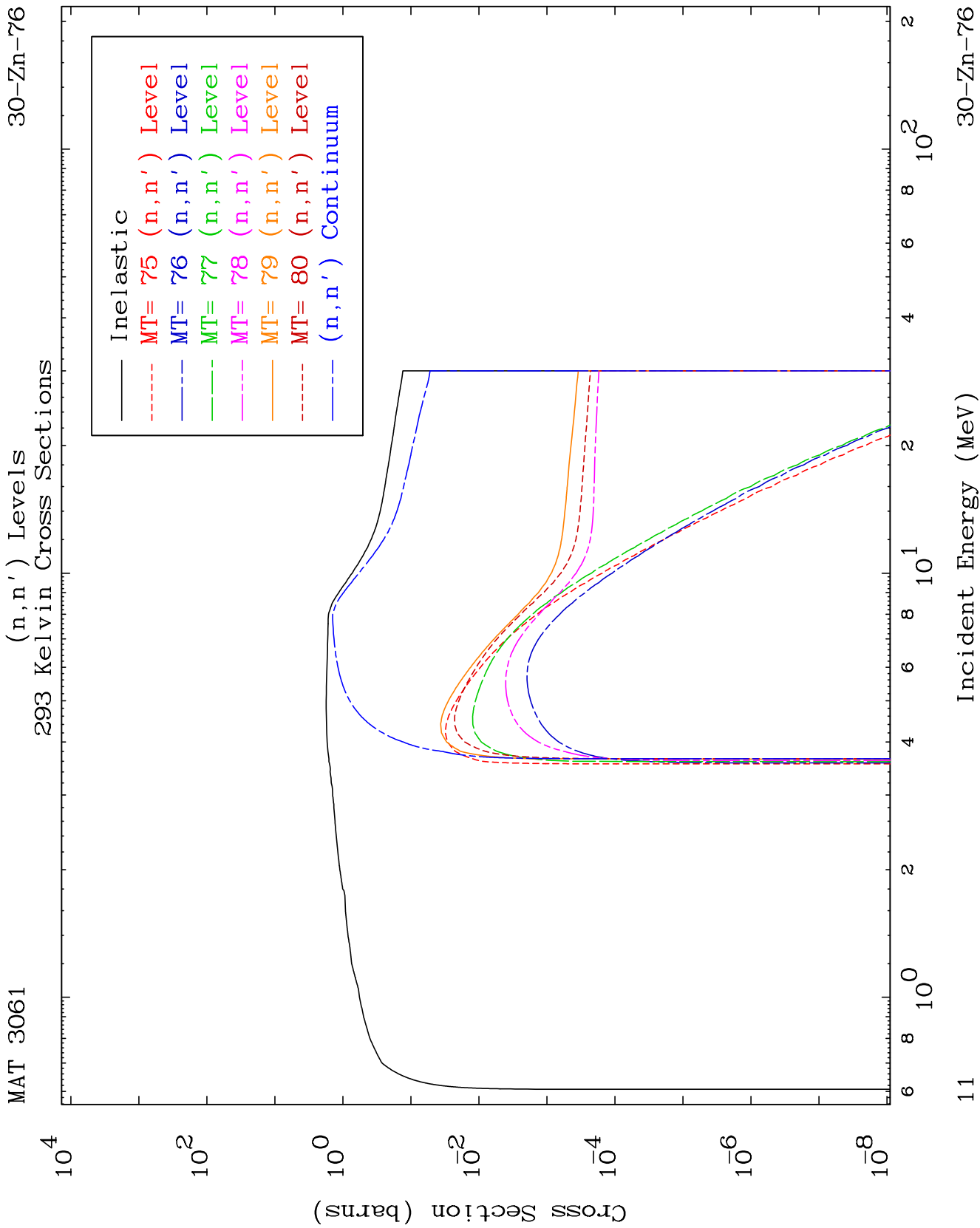
MAT 3061

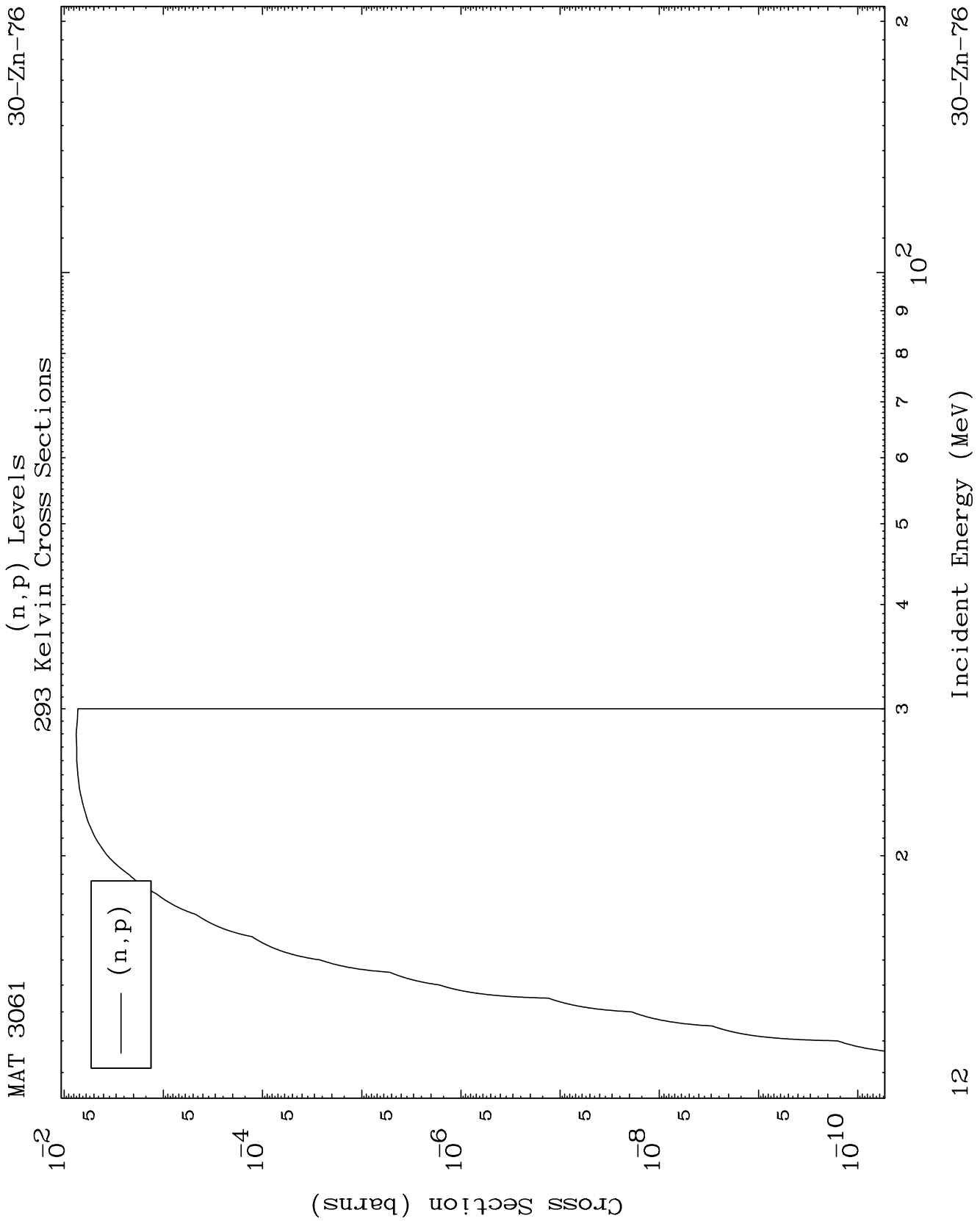
(n,n') Levels

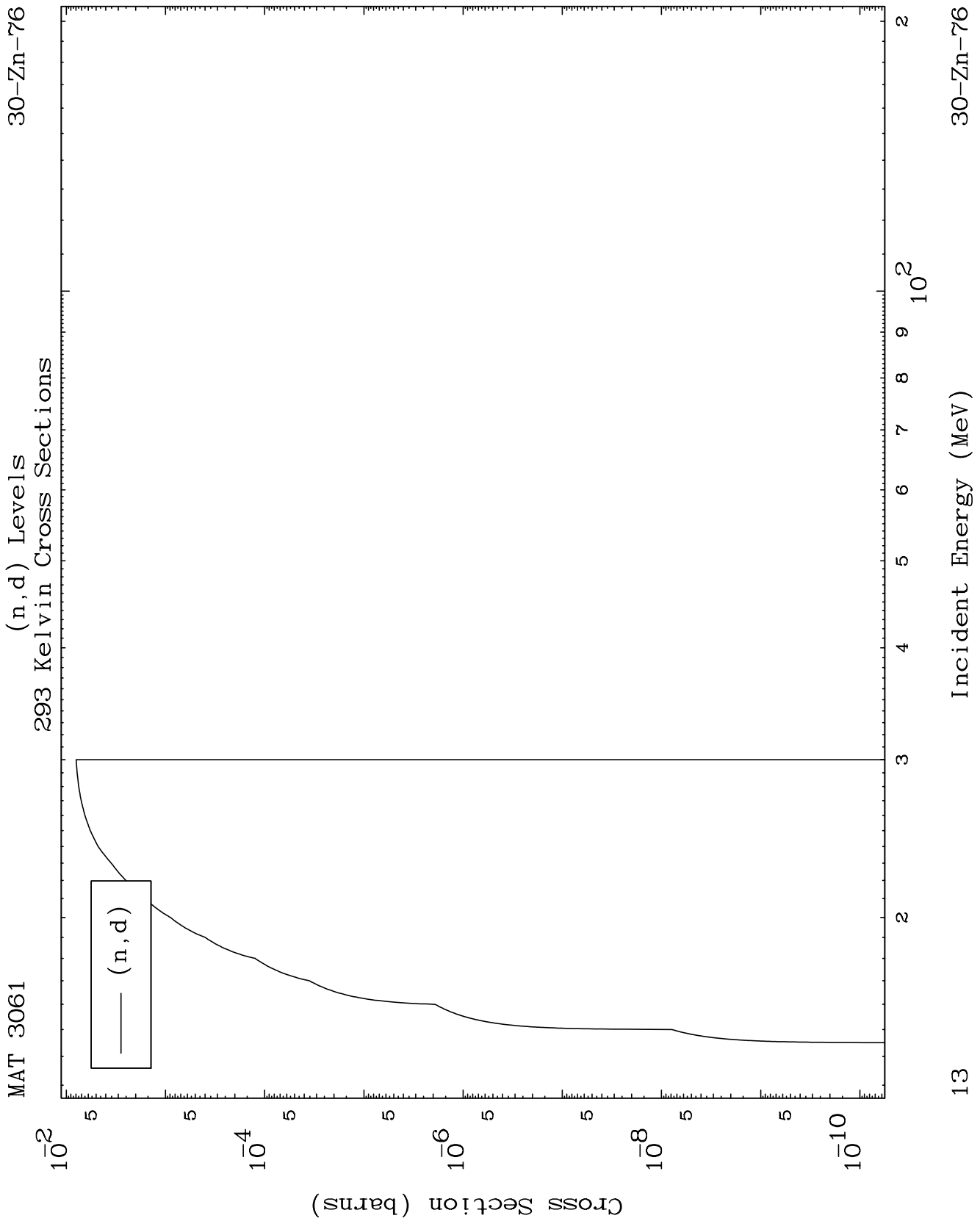
30-Zn-76

293 Kelvin Cross Sections





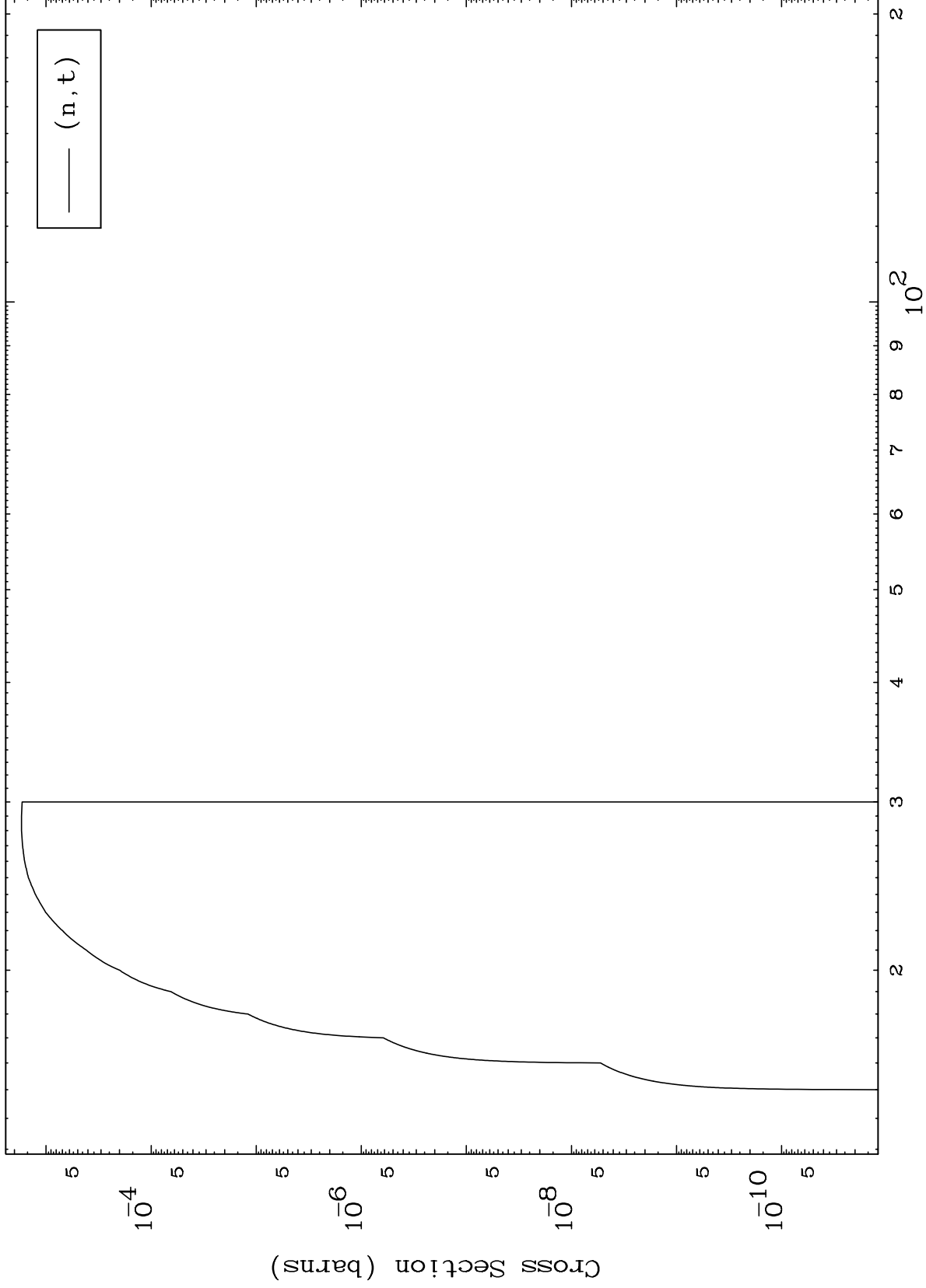




MAT 3061

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-76



14

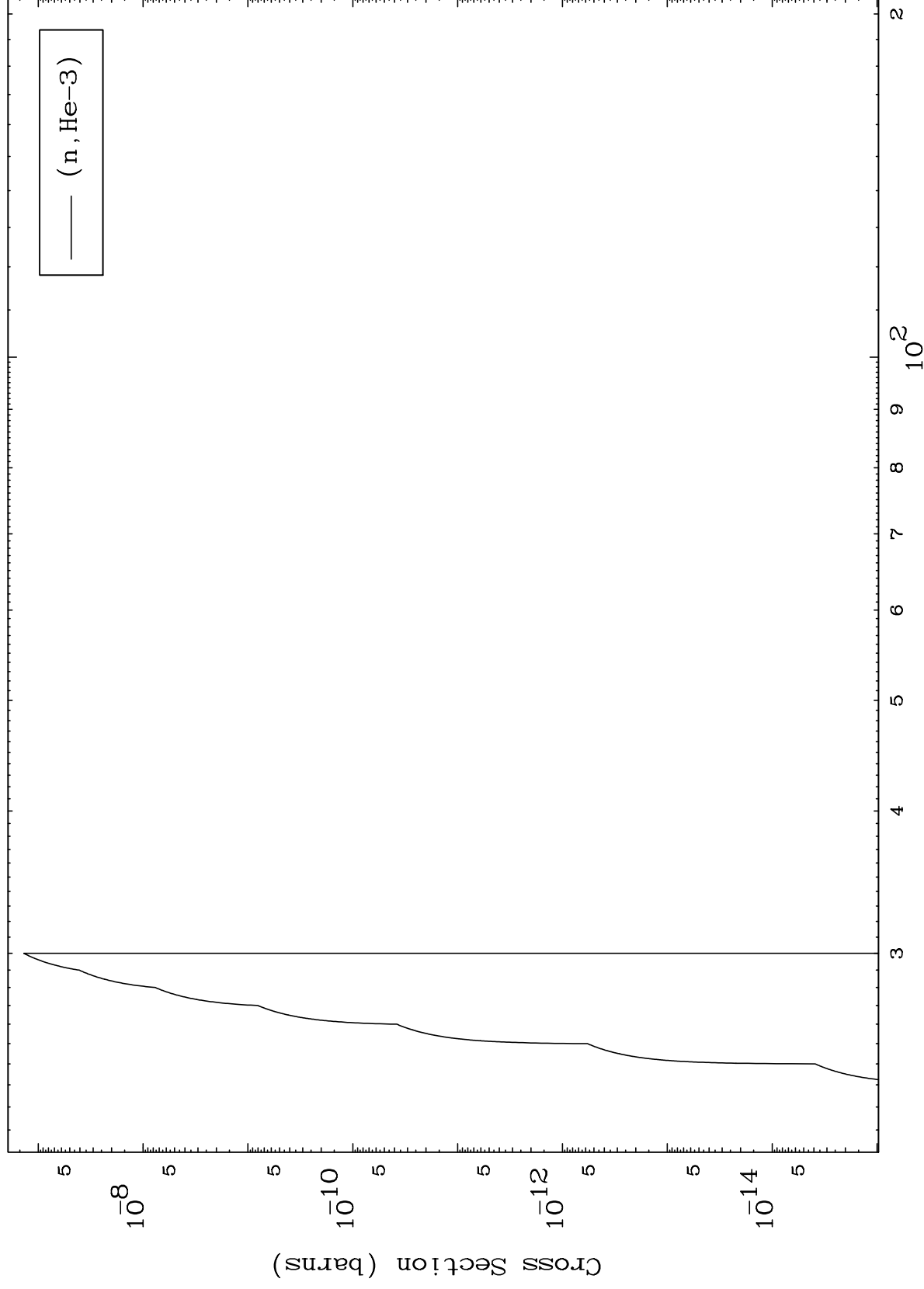
Incident Energy (MeV)

30-Zn-76

MAT 3061

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-76



15

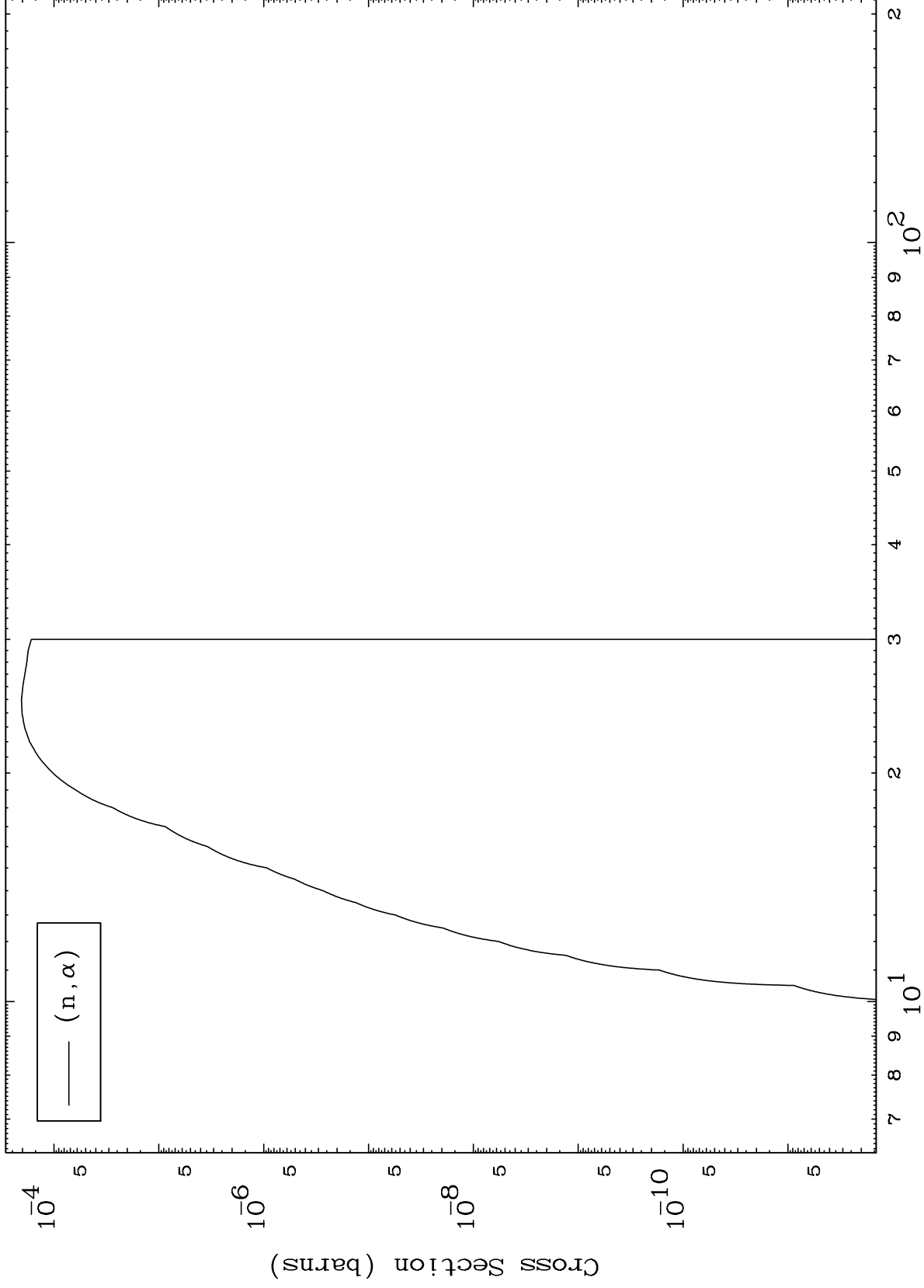
Incident Energy (MeV)

30-Zn-76

MAT 3061

(n, α) Levels
293 Kelvin Cross Sections

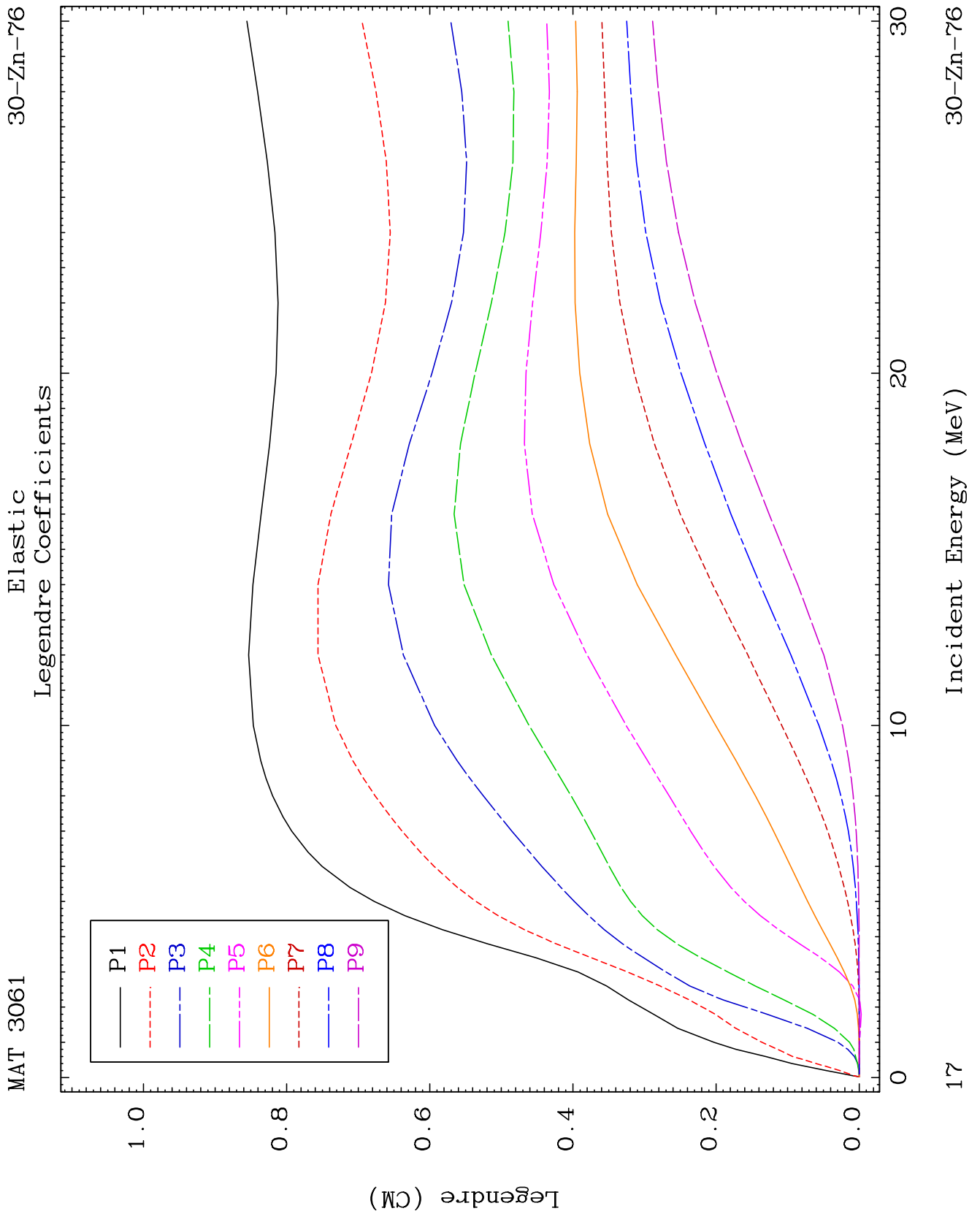
30-Zn-76



16

Incident Energy (MeV)

30-Zn-76



MAT 3061

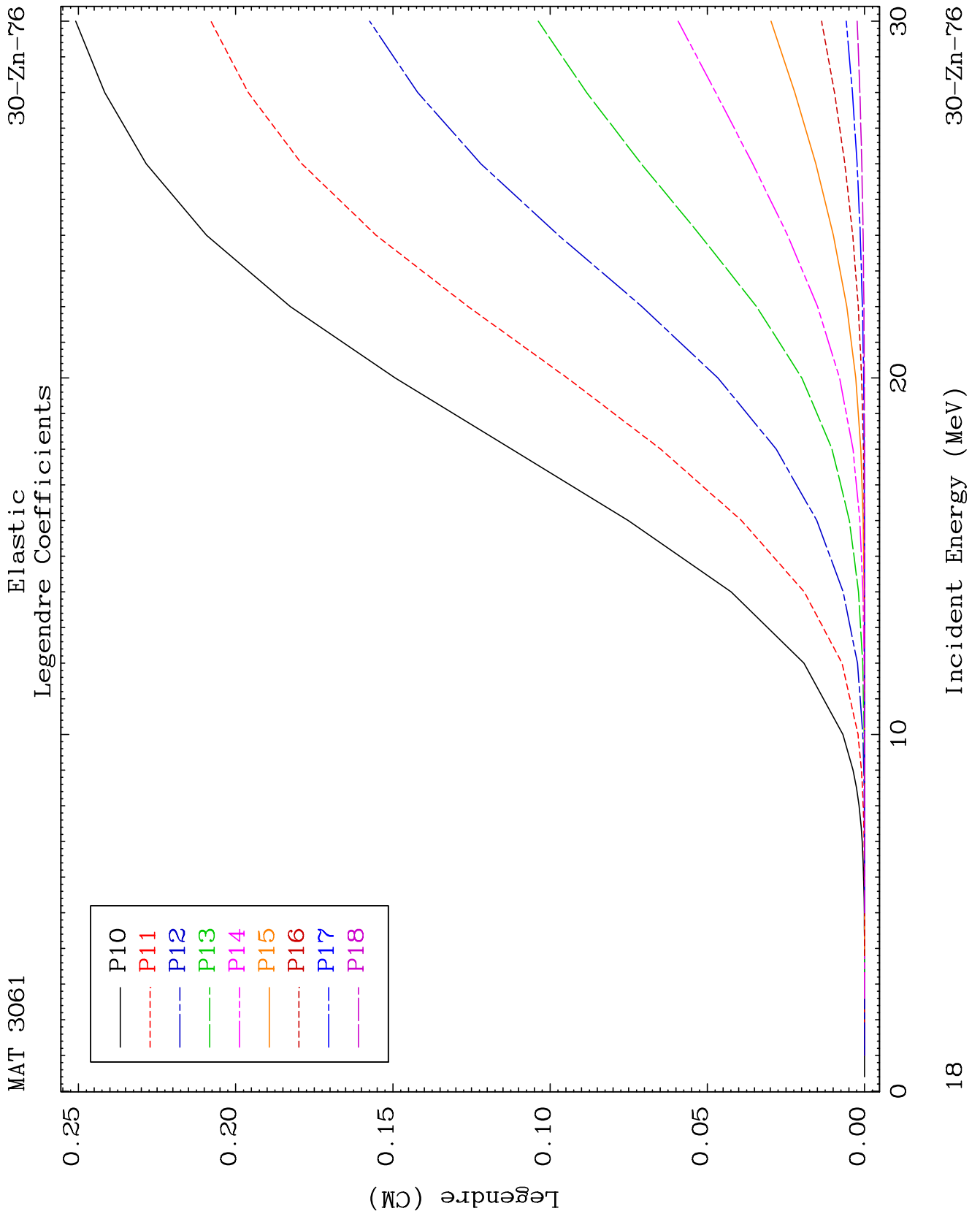
Elastic Legendre Coefficients

30-Zn-76

17

Incident Energy (MeV)

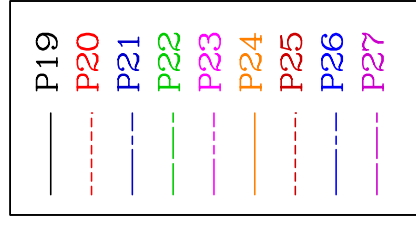
30-Zn-76



MAT 3061

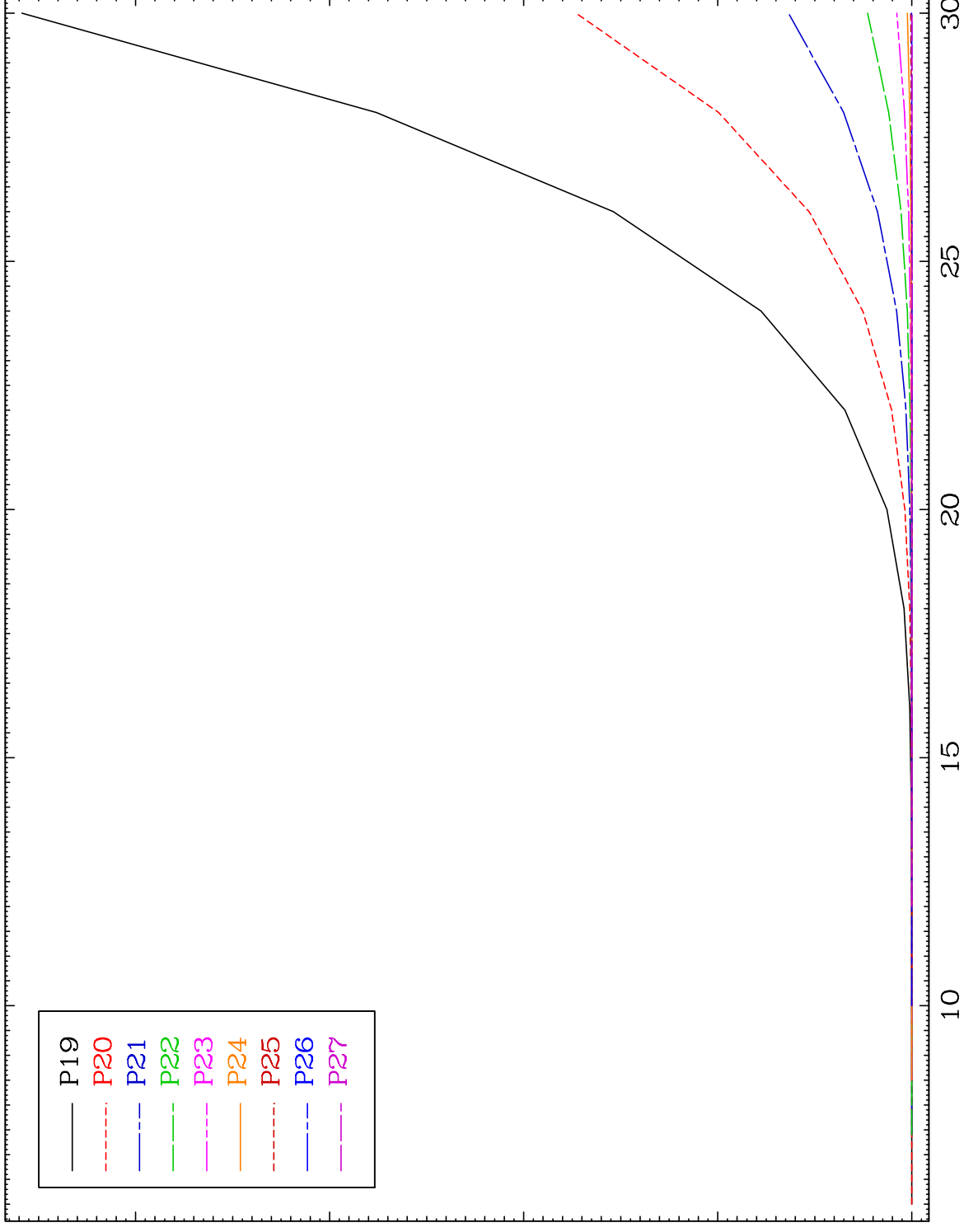
Elastic
Legendre Coefficients

30-Zn-76



$\times 10^{-4}$

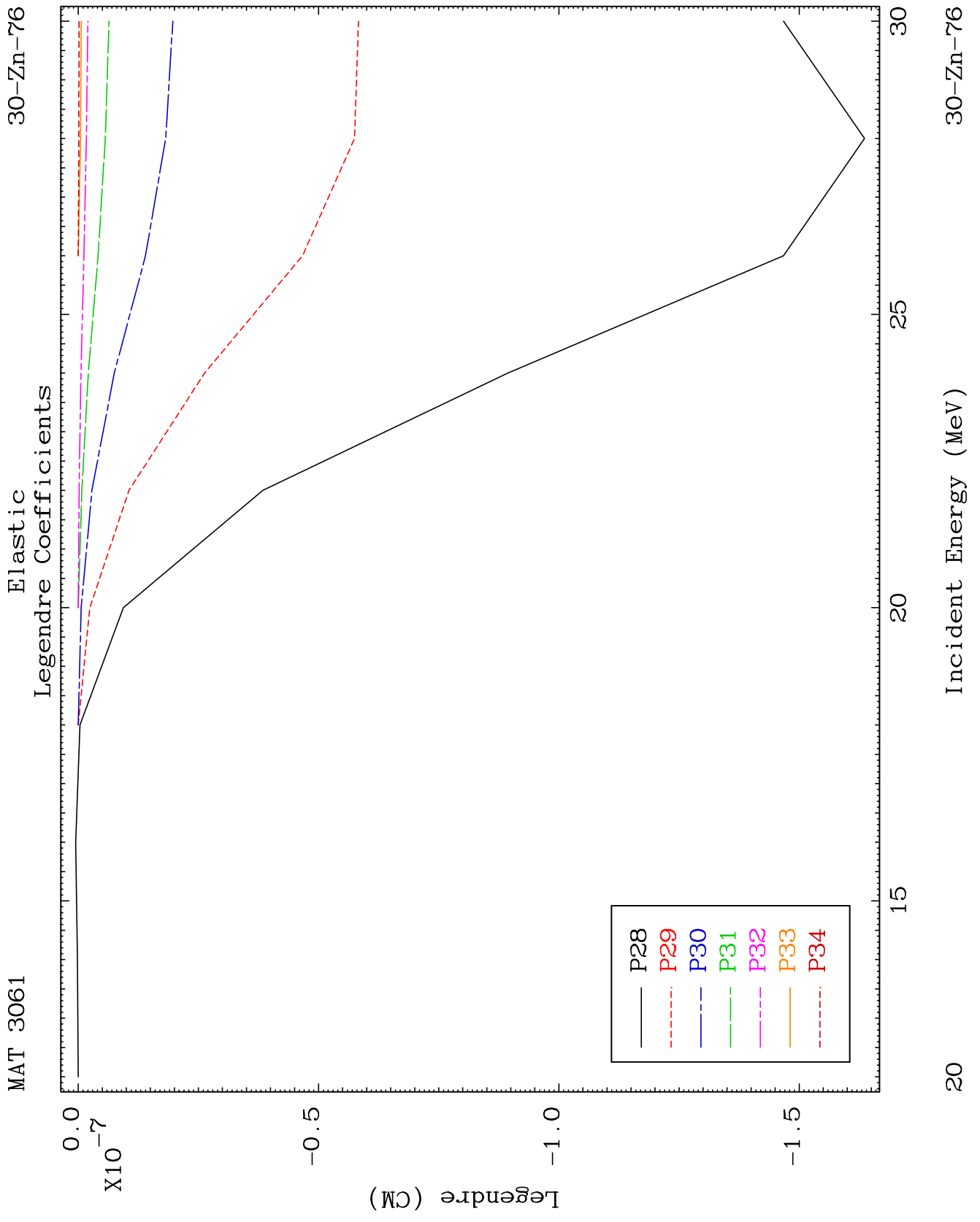
Legendre (CM)

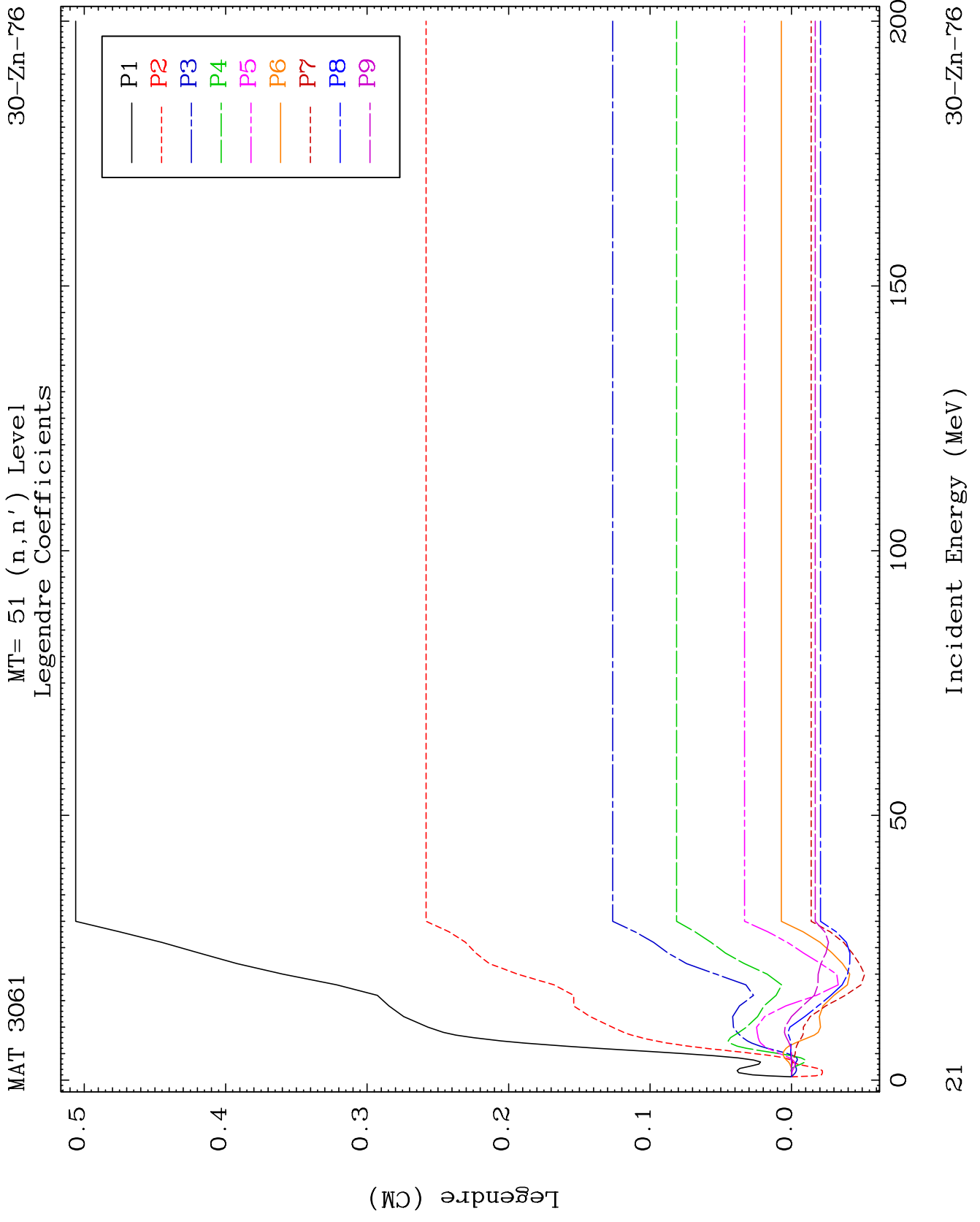


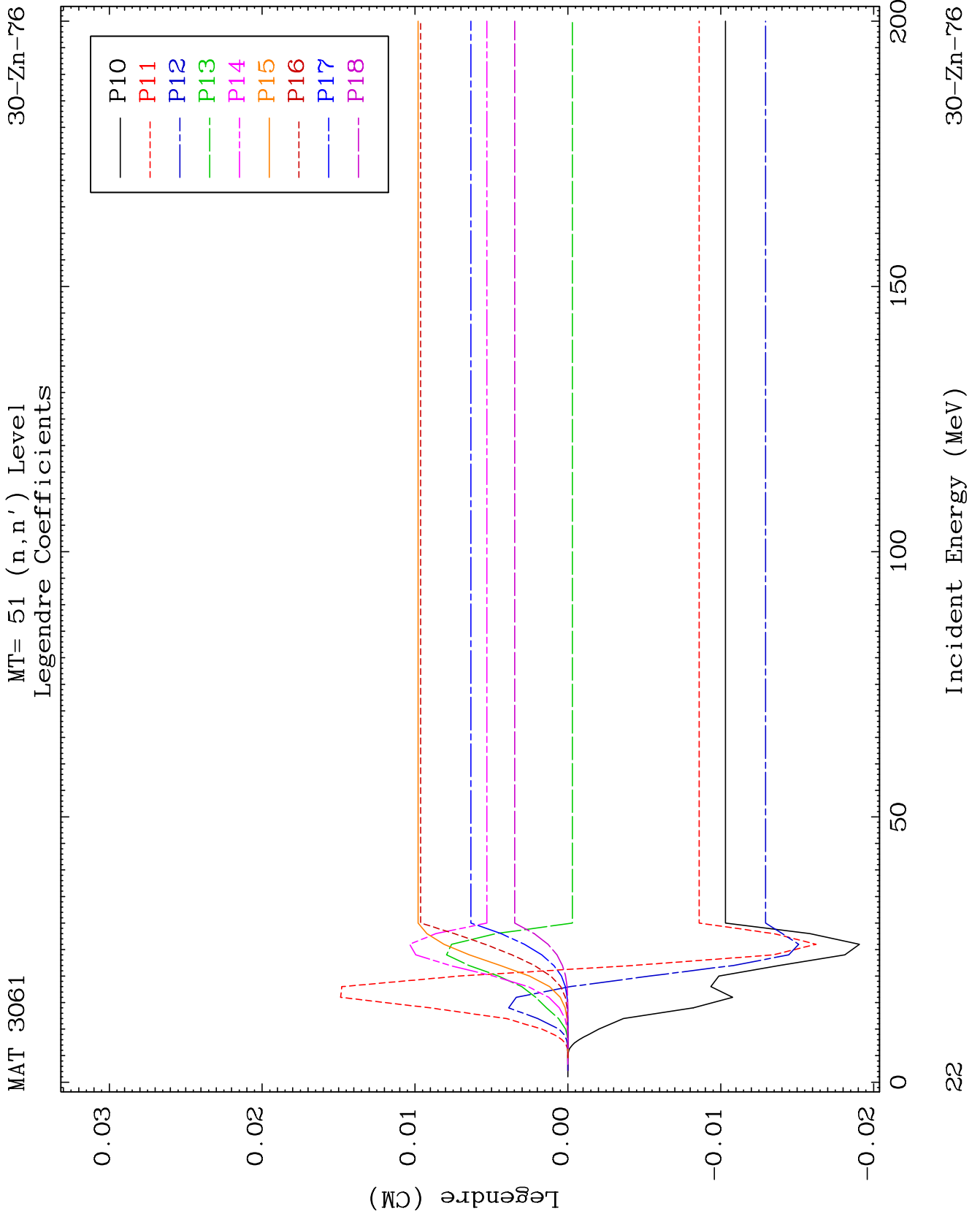
19

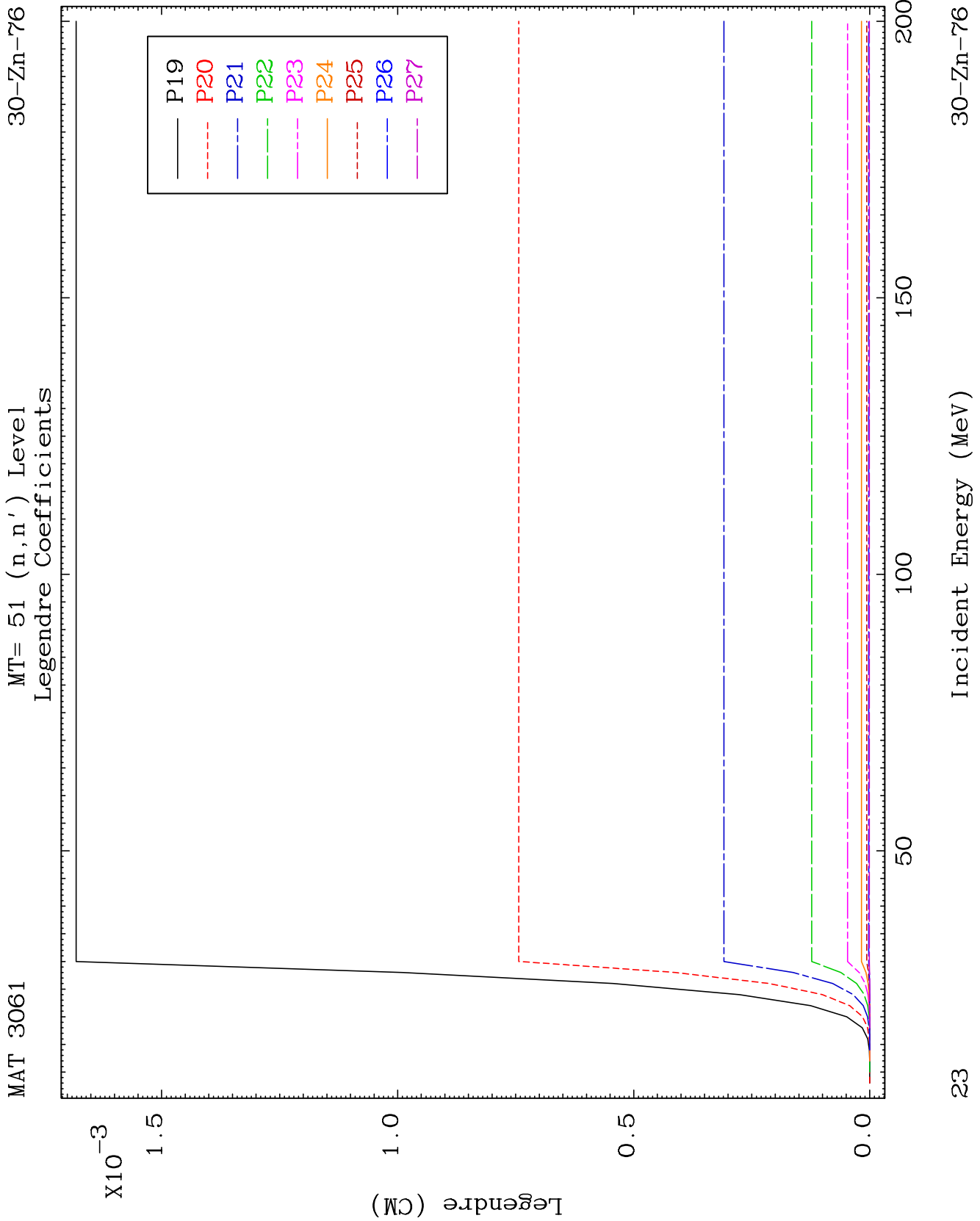
Incident Energy (MeV)

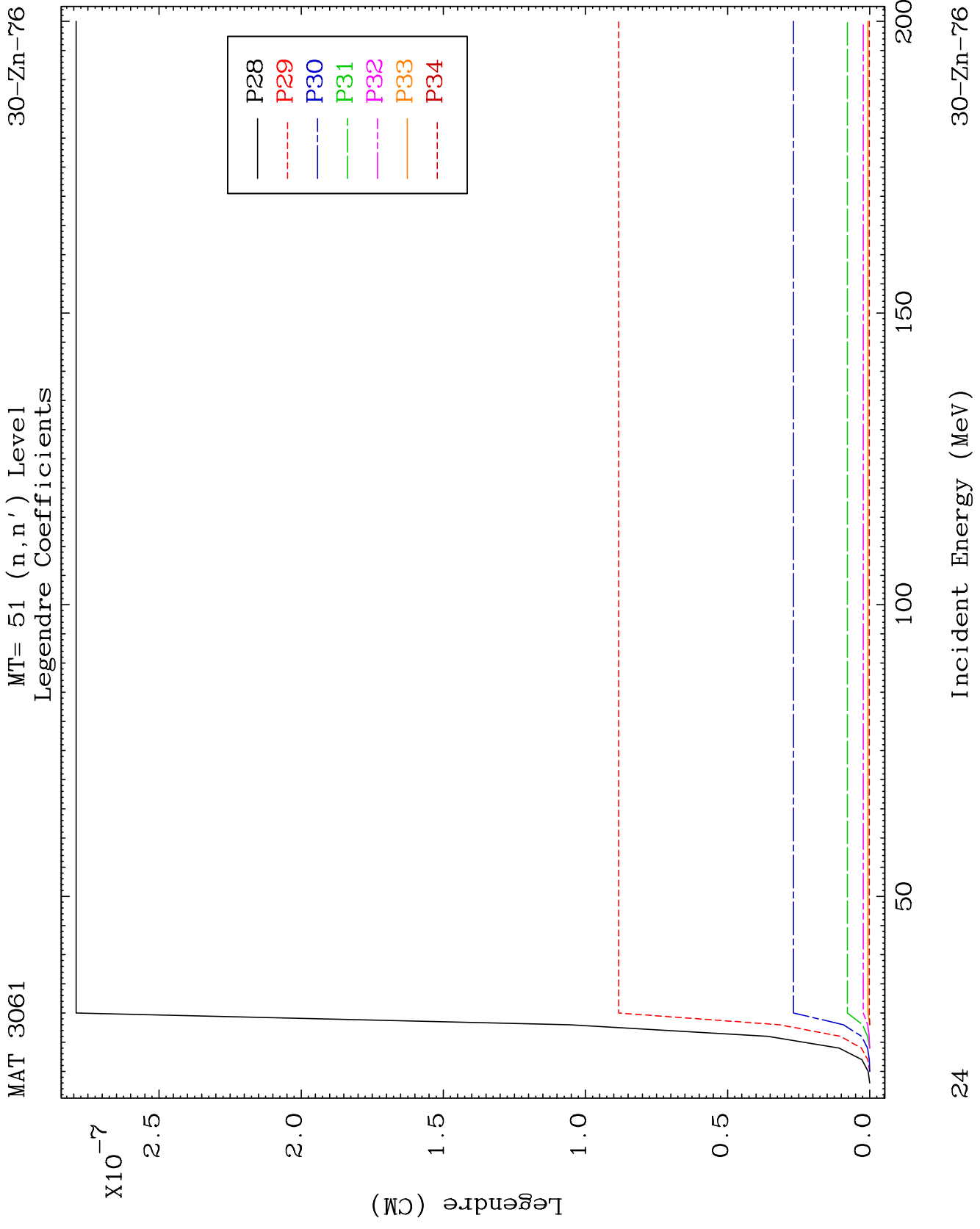
30-Zn-76

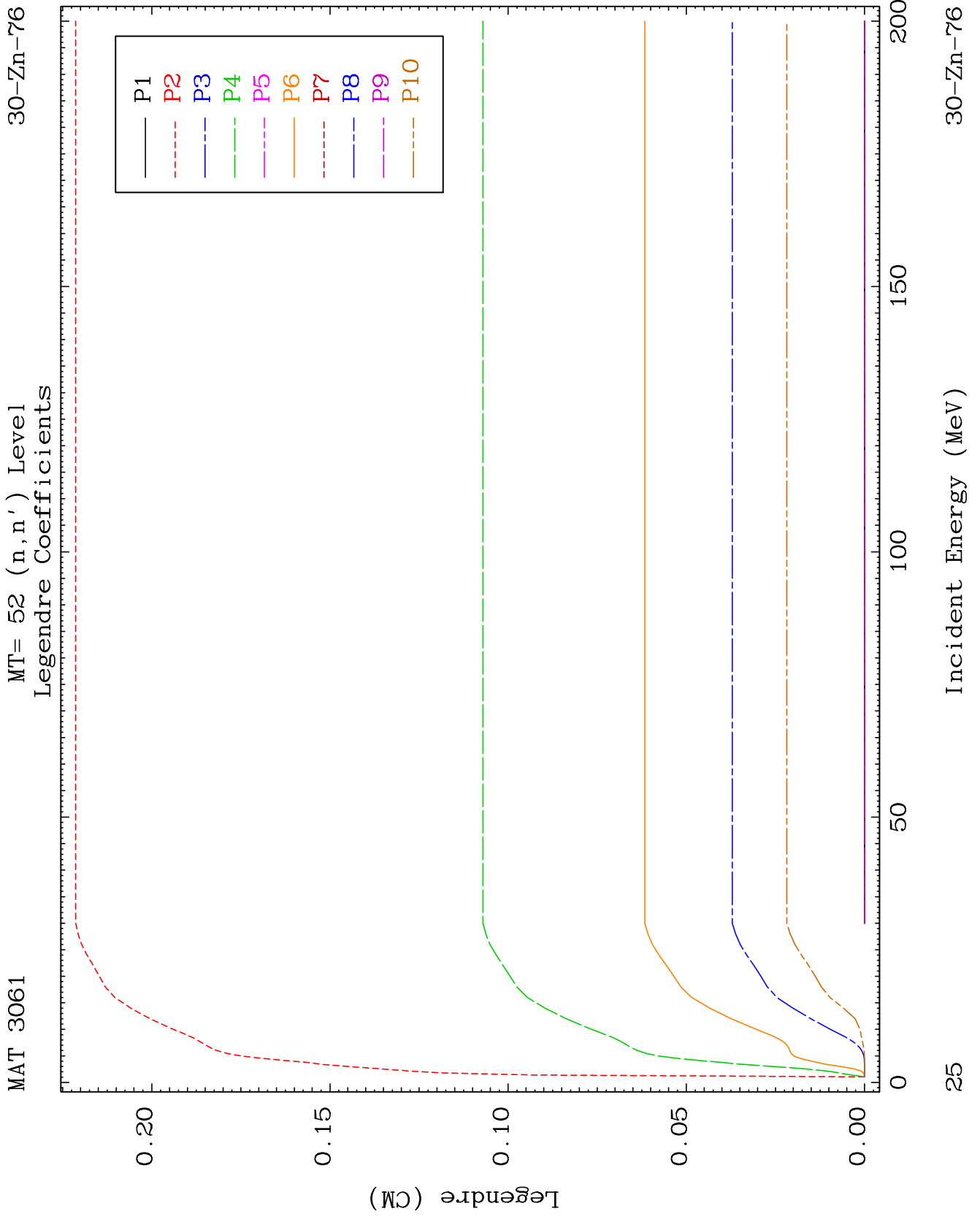


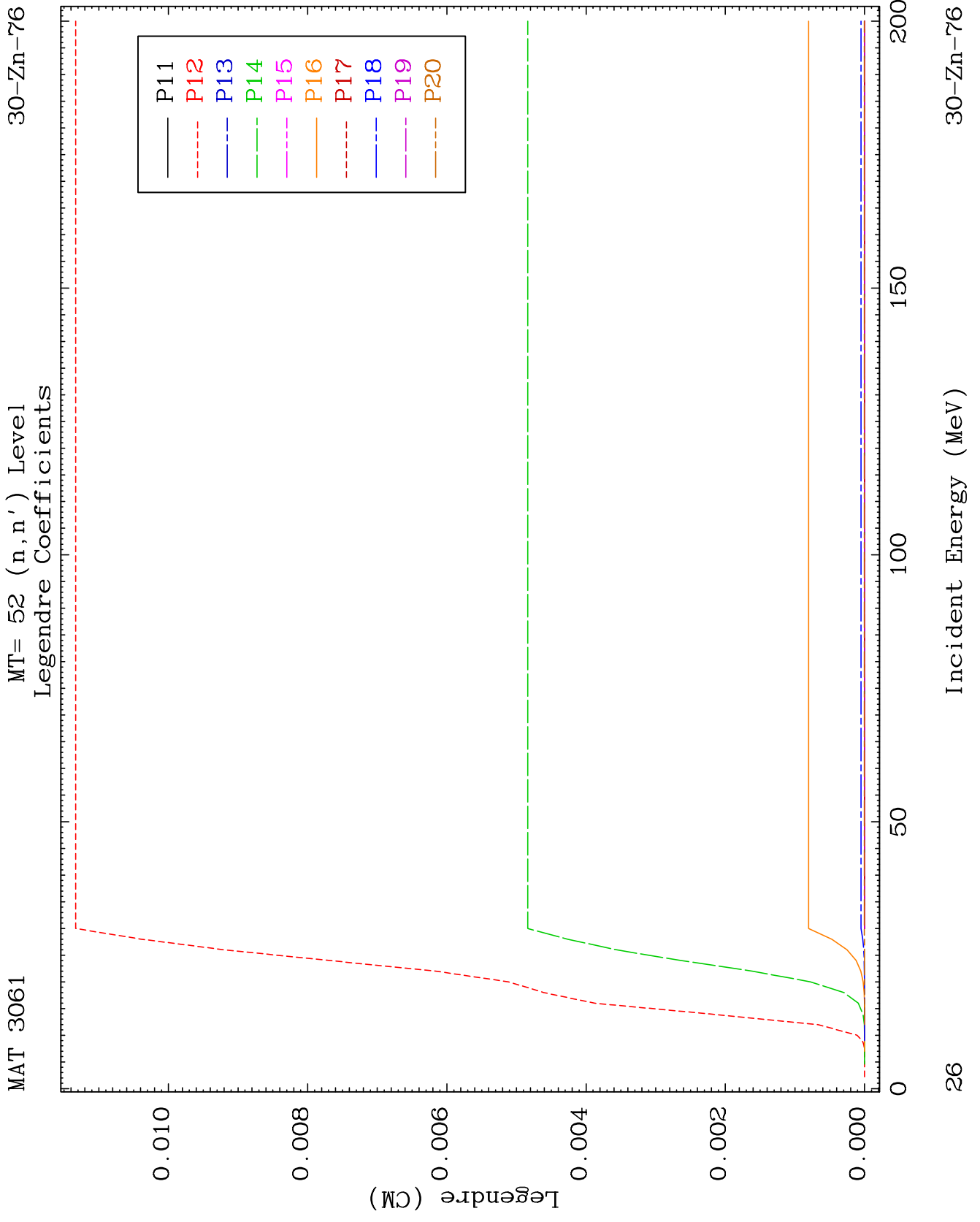


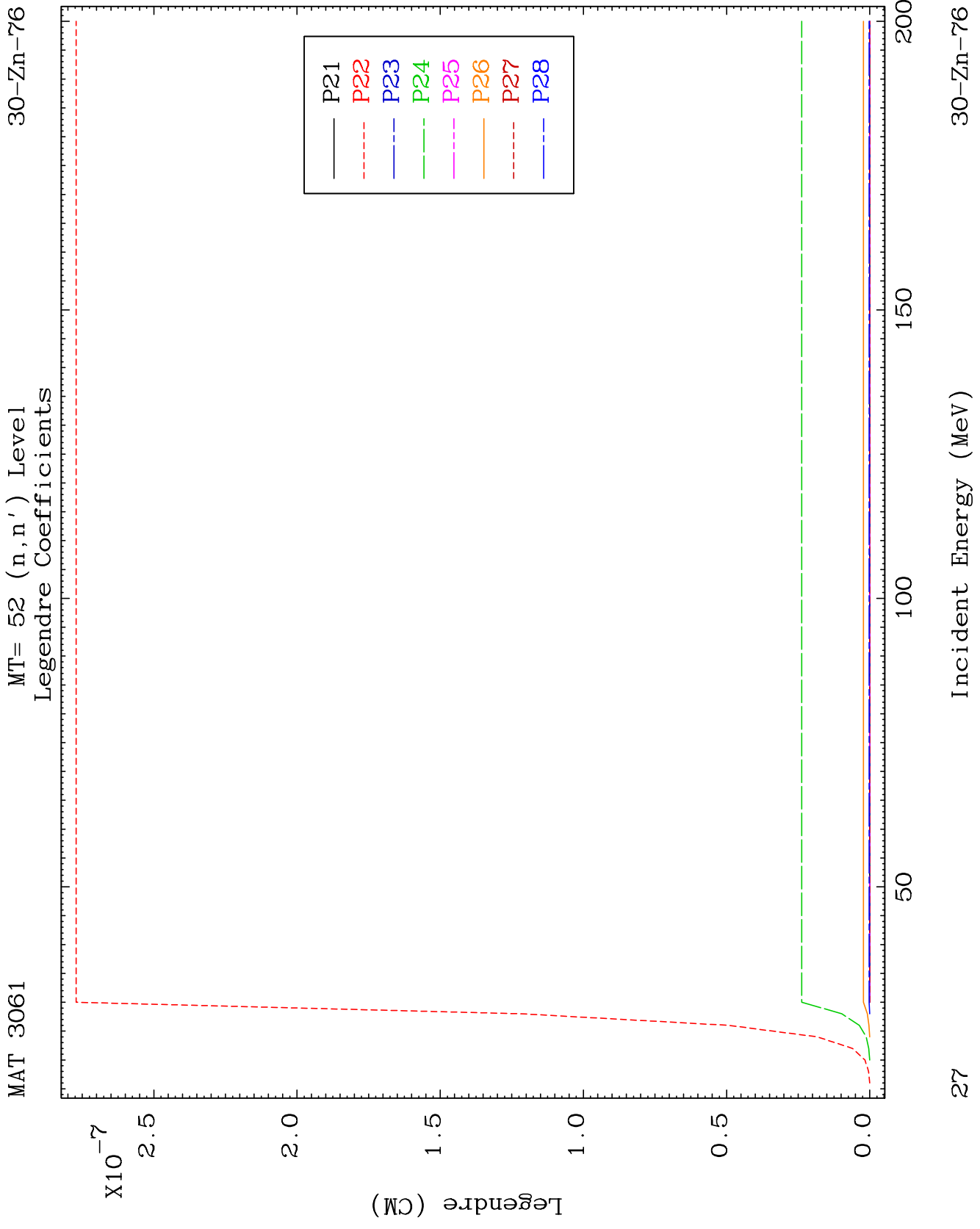








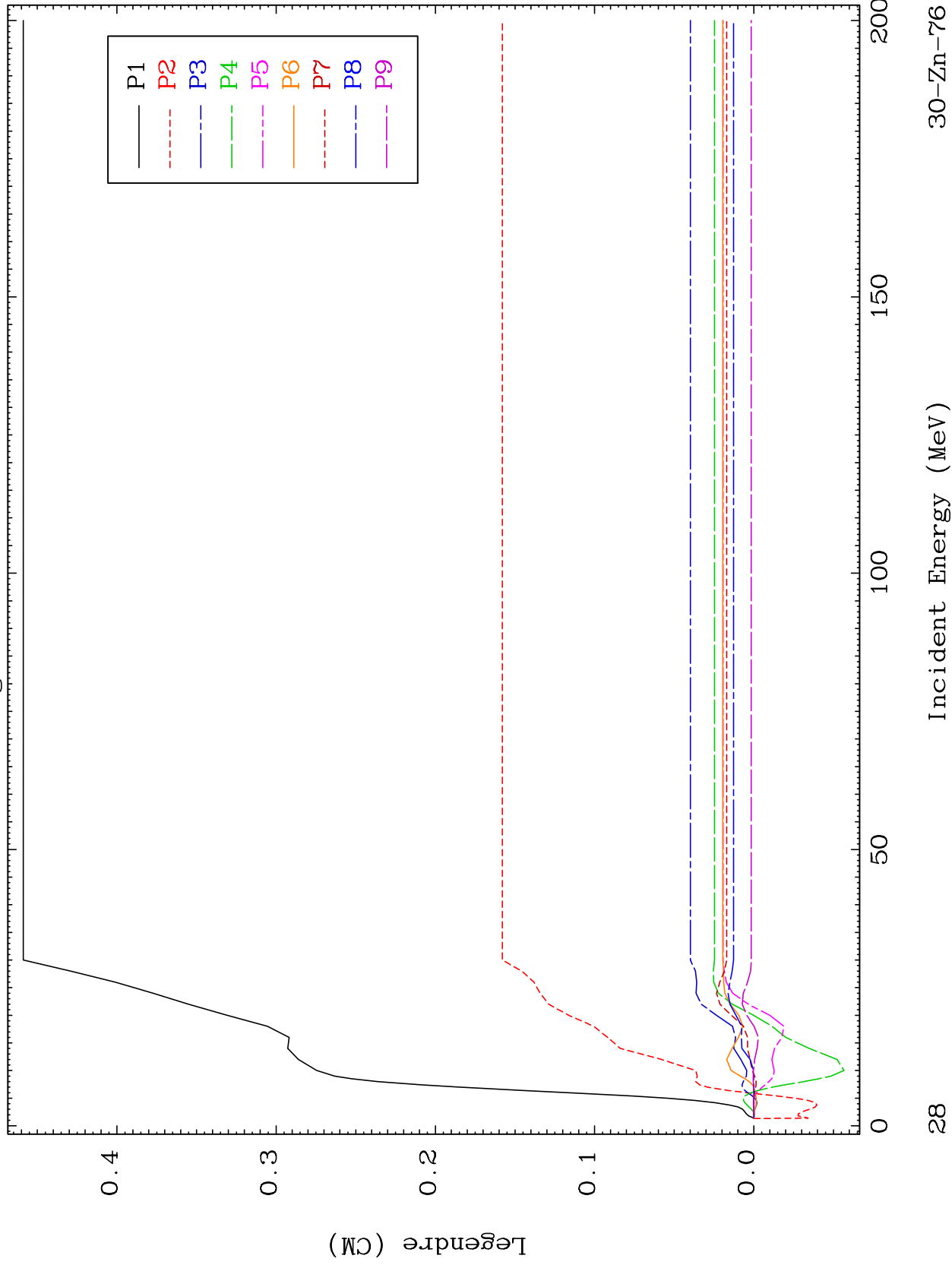




MAT 3061

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

30-Zn-76



30-Zn-76

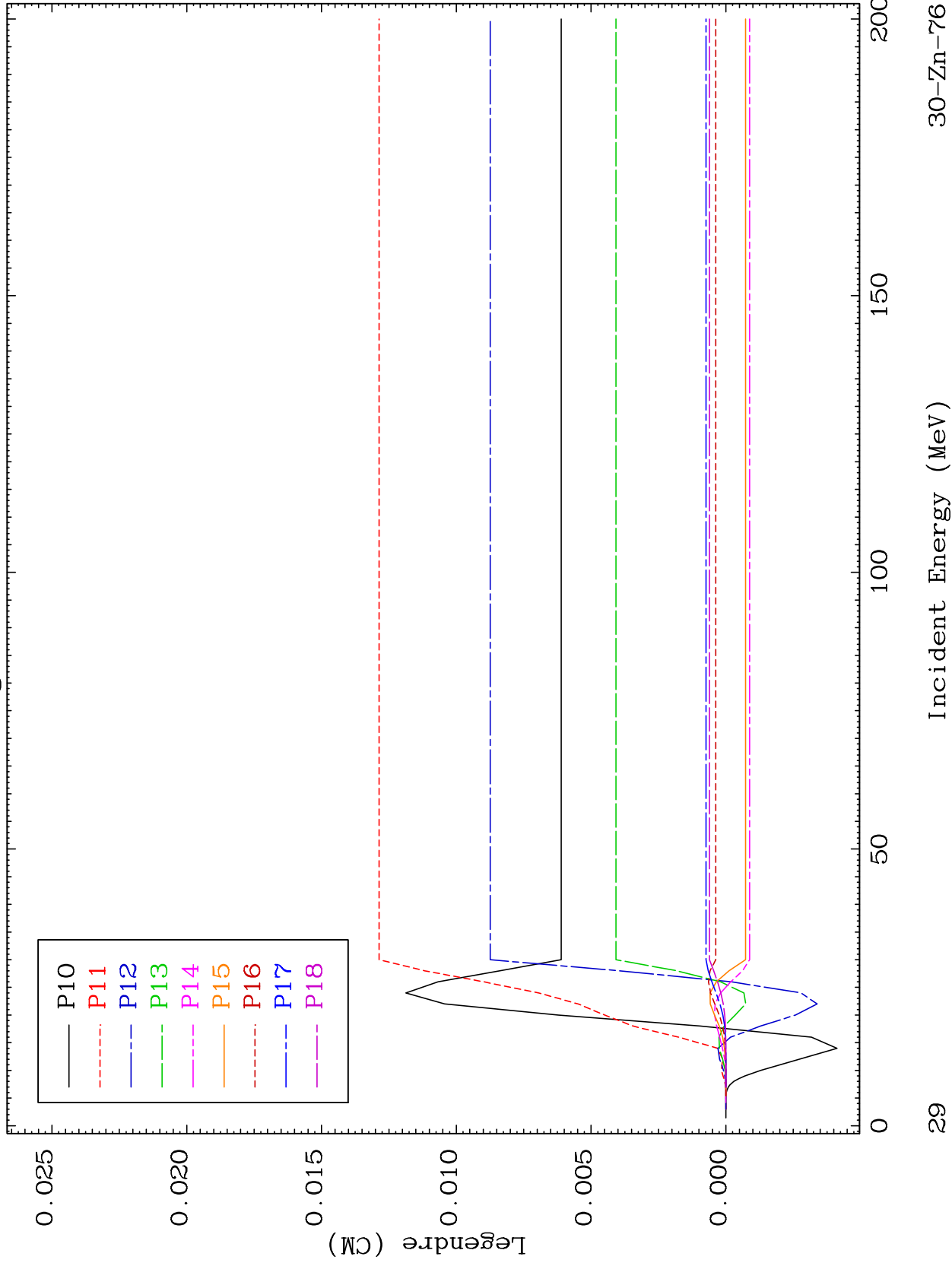
Incident Energy (MeV)

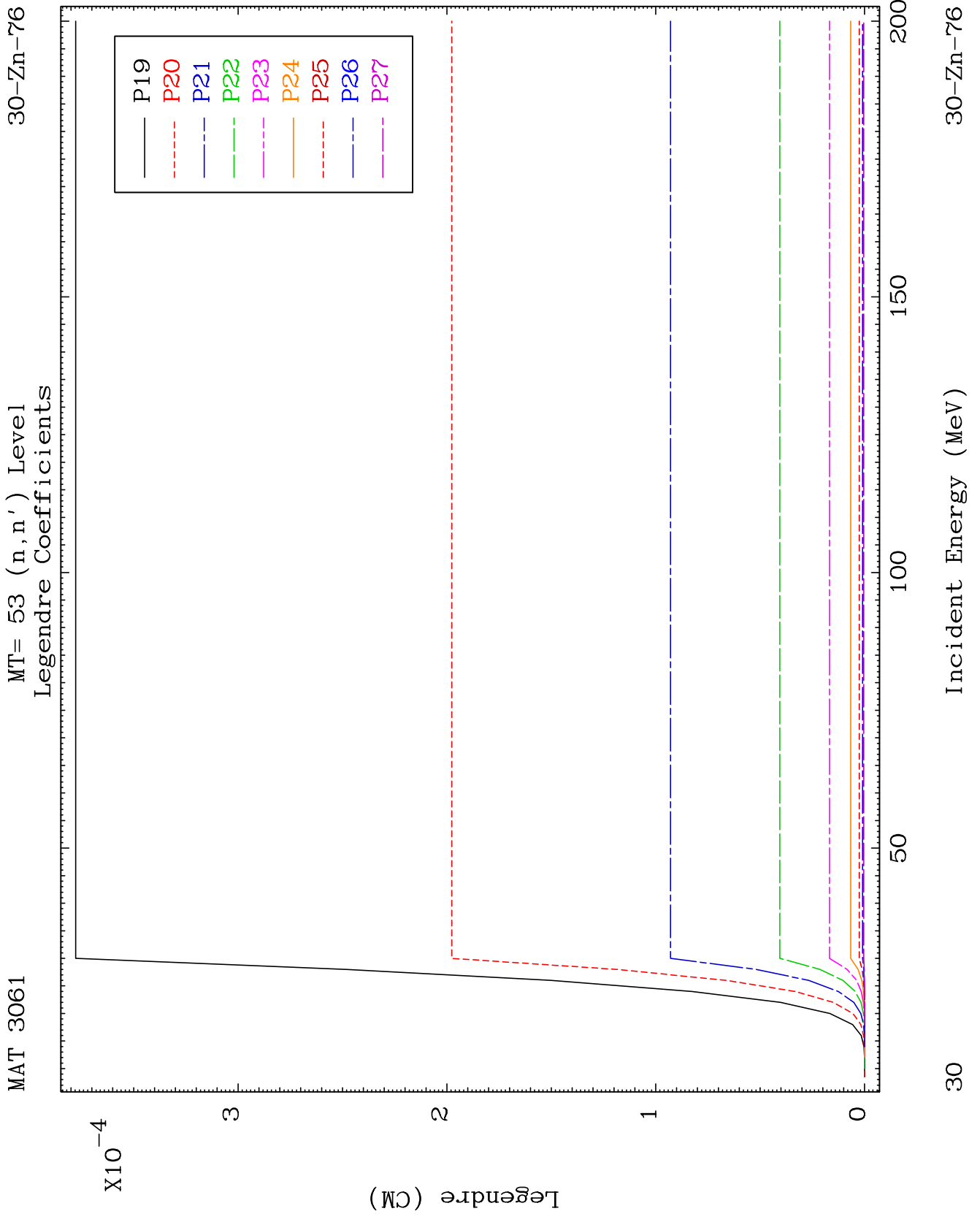
28

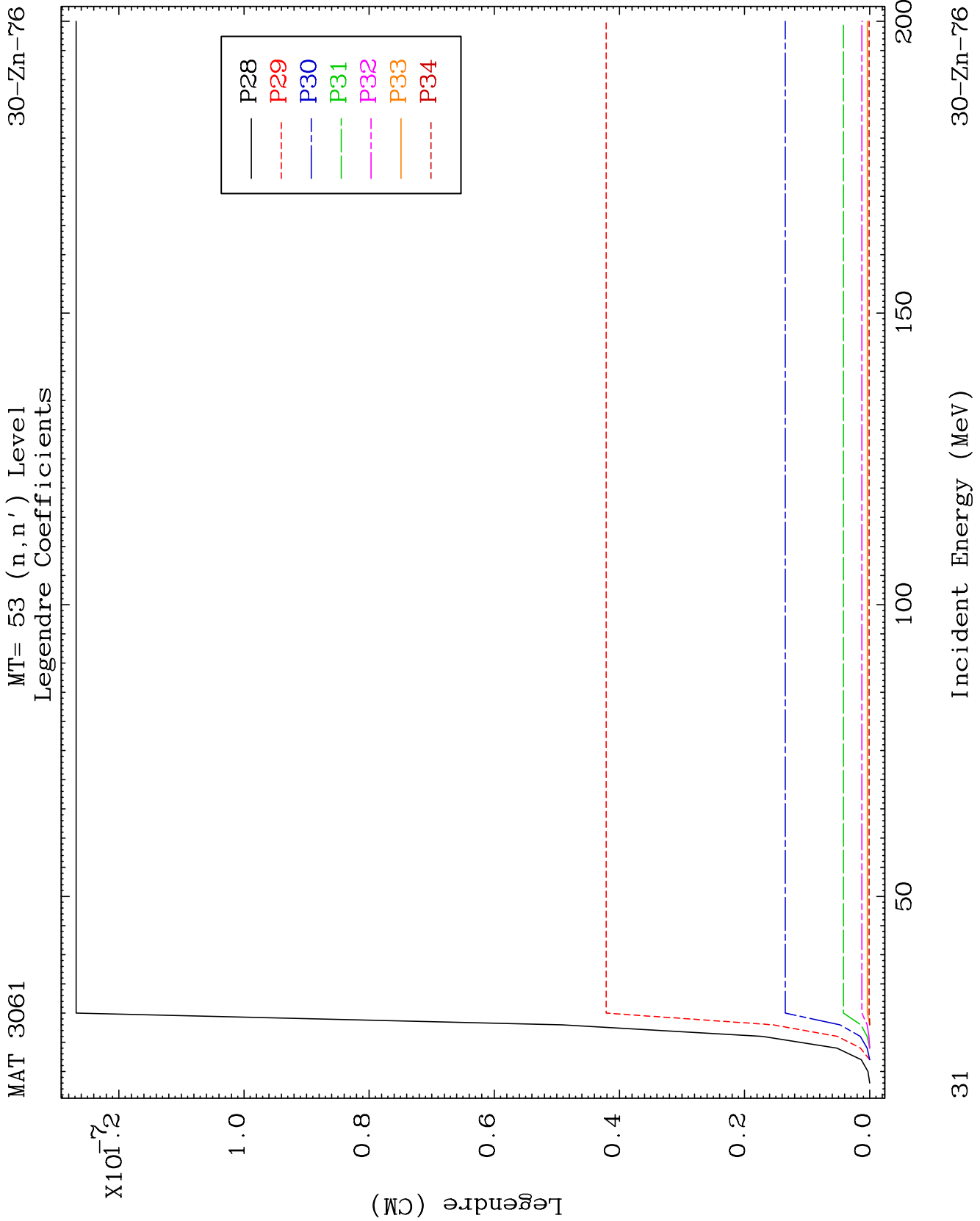
MAT 3061

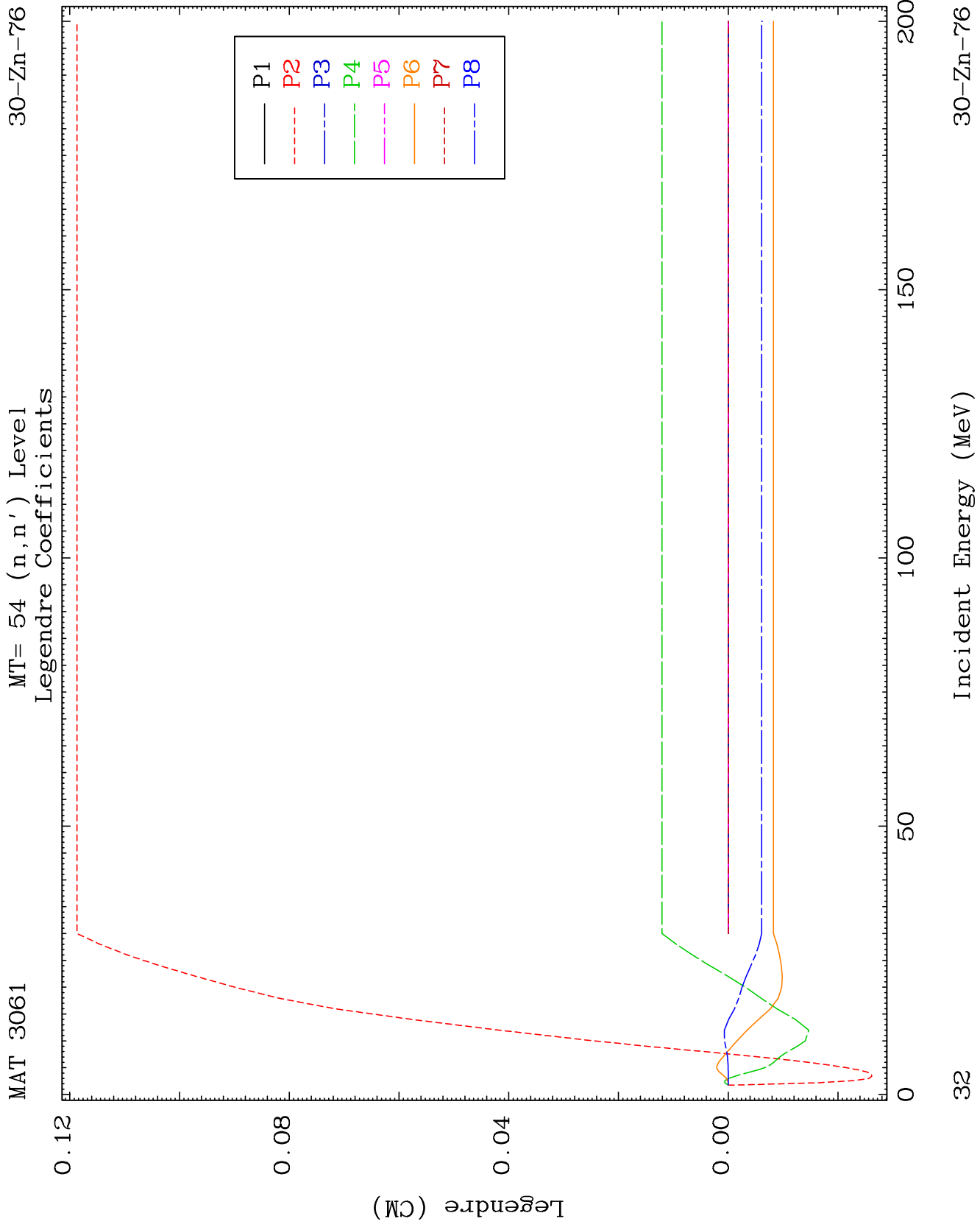
MT= 53 (n,n') Level
Legendre Coefficients

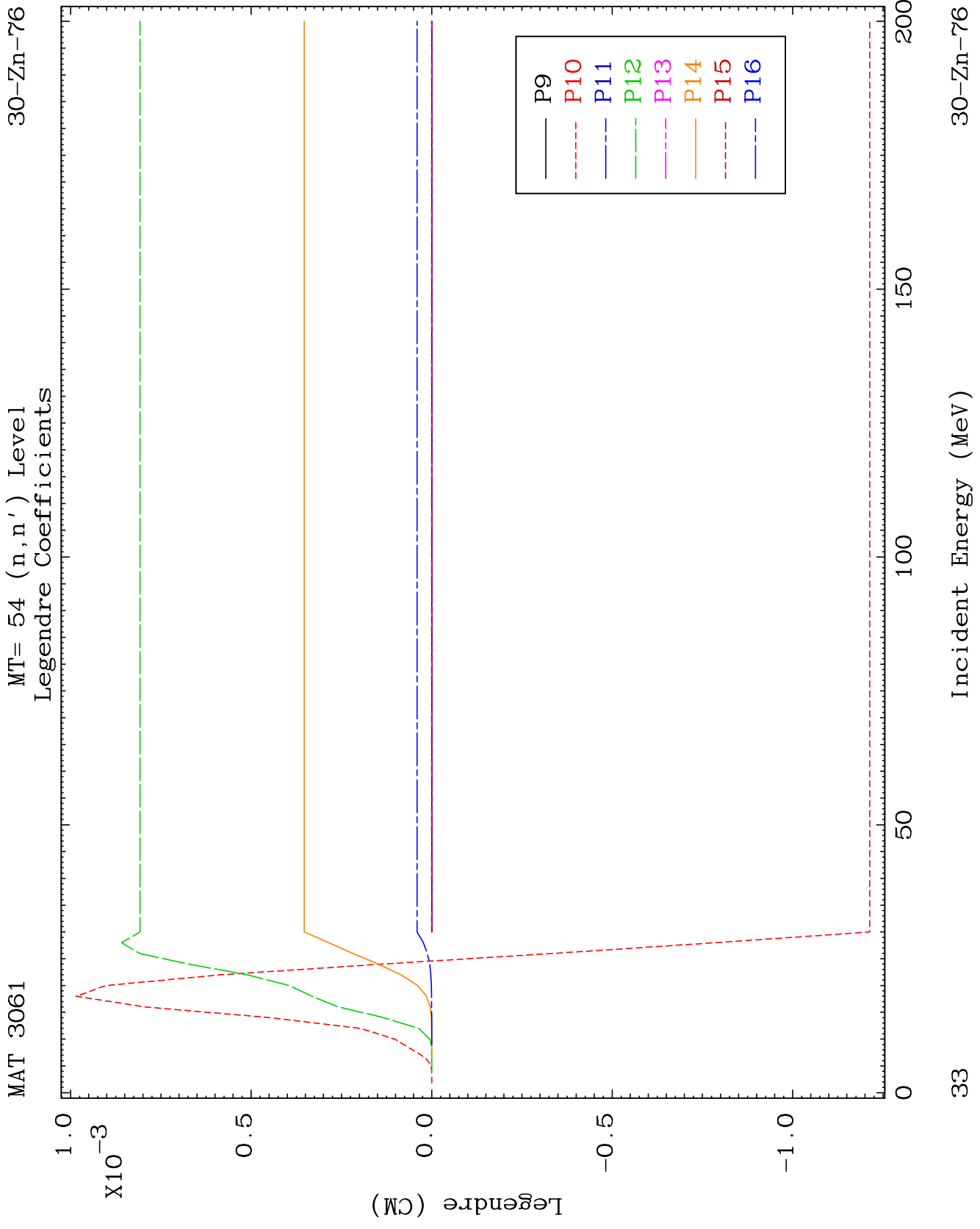
30-Zn-76







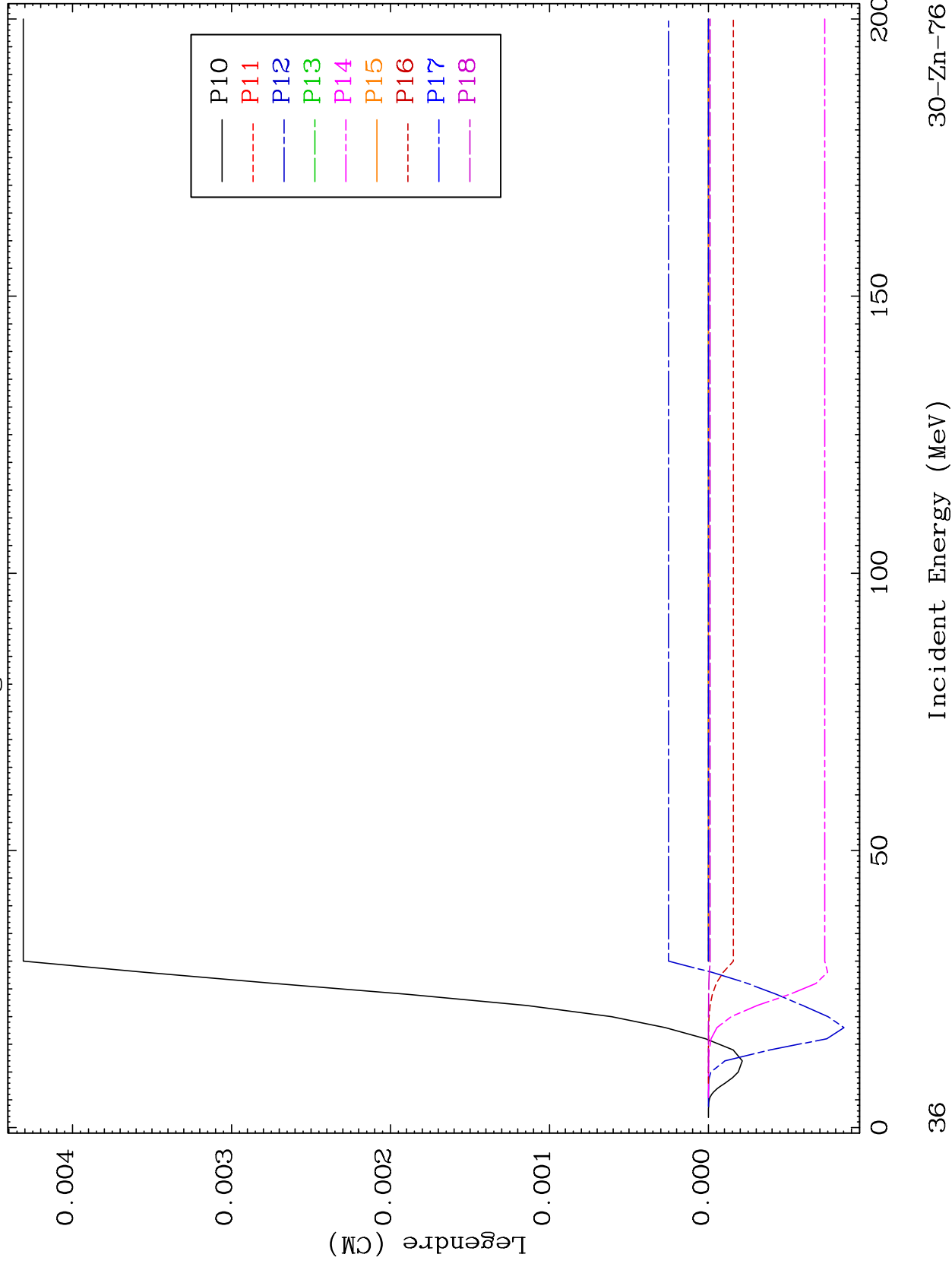




MAT 3061

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

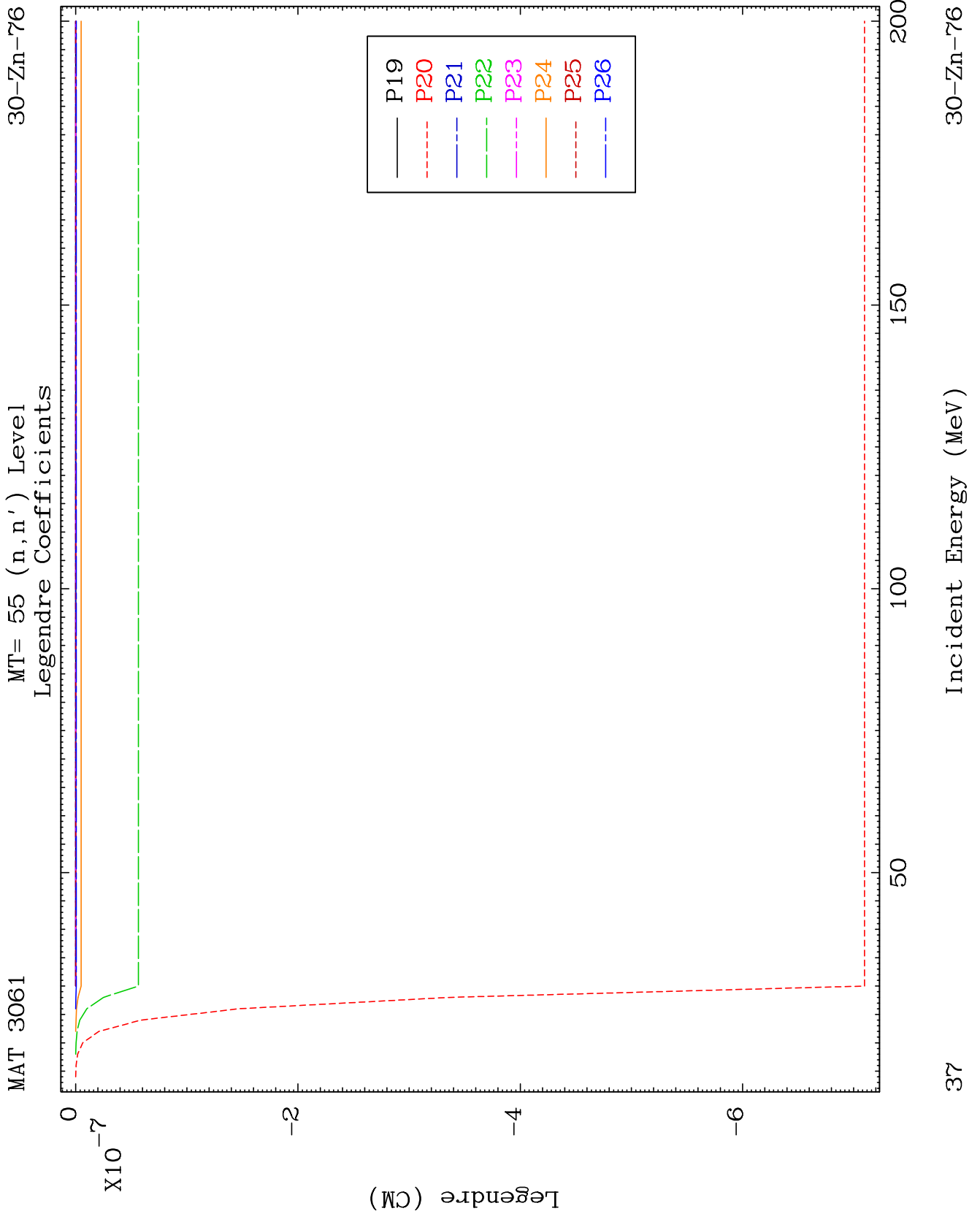
30-Zn-76

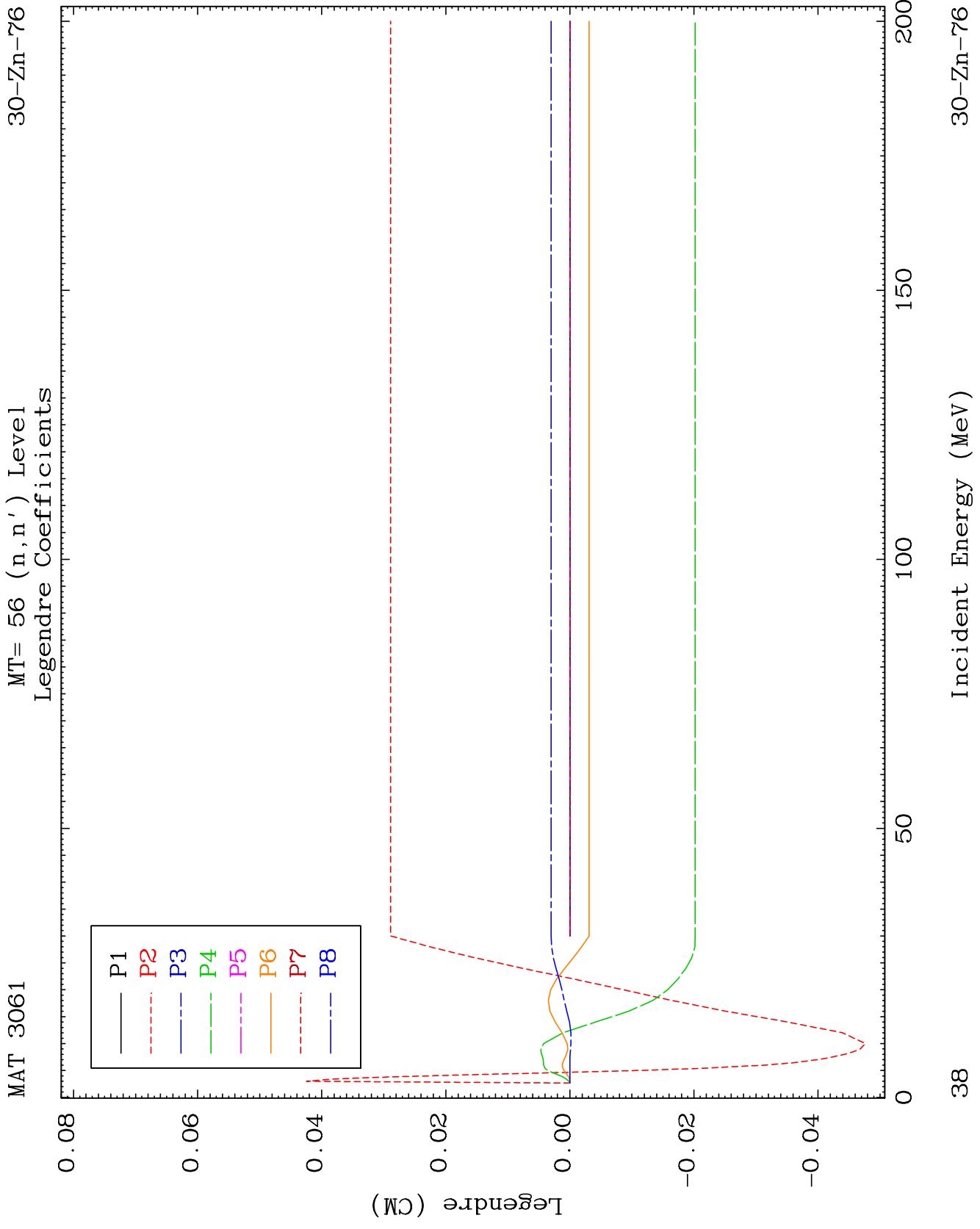


30-Zn-76

Incident Energy (MeV)

36

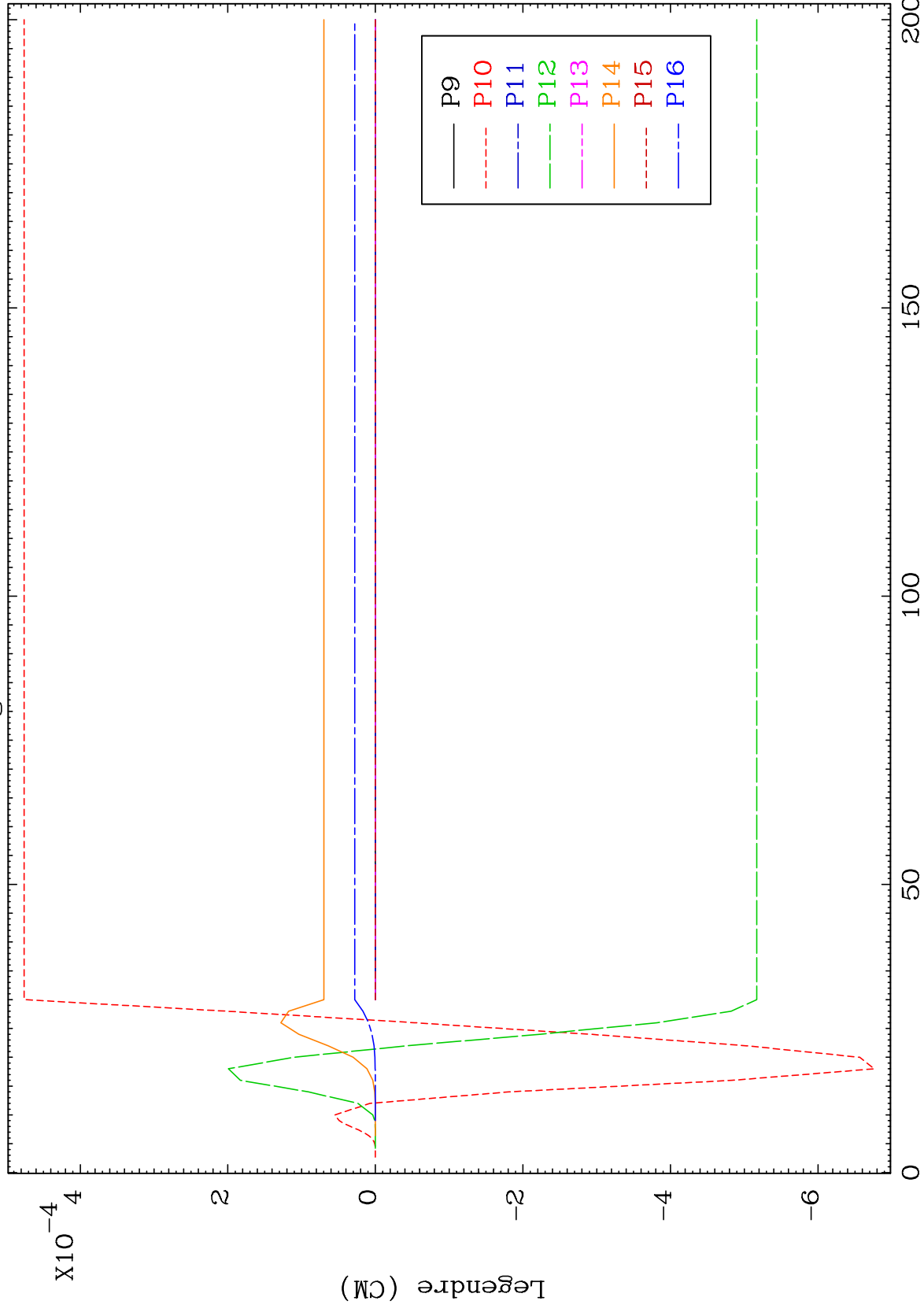




MAT 3061

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

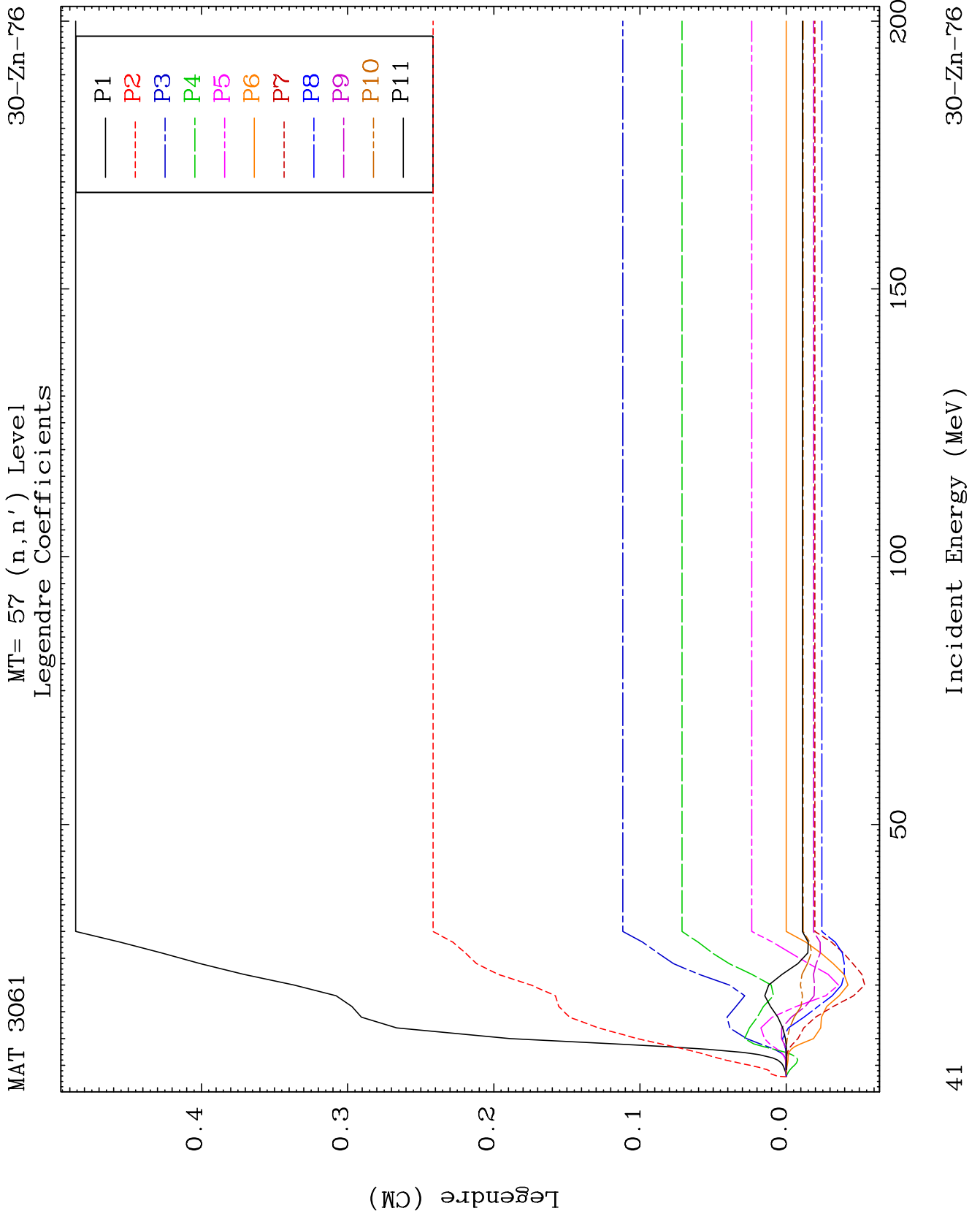
30-Zn-76



39

Incident Energy (MeV)

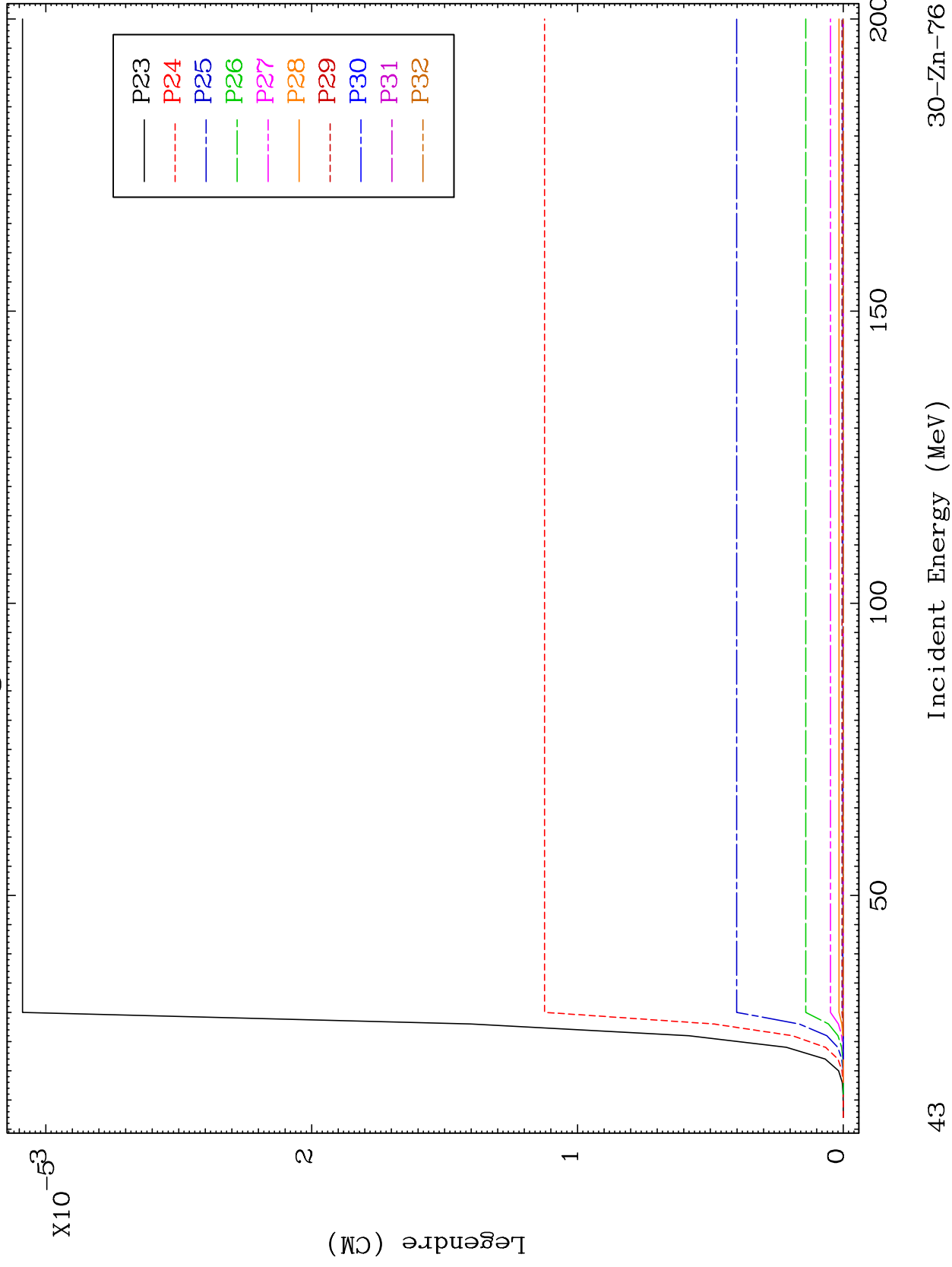
30-Zn-76



MAT 3061

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

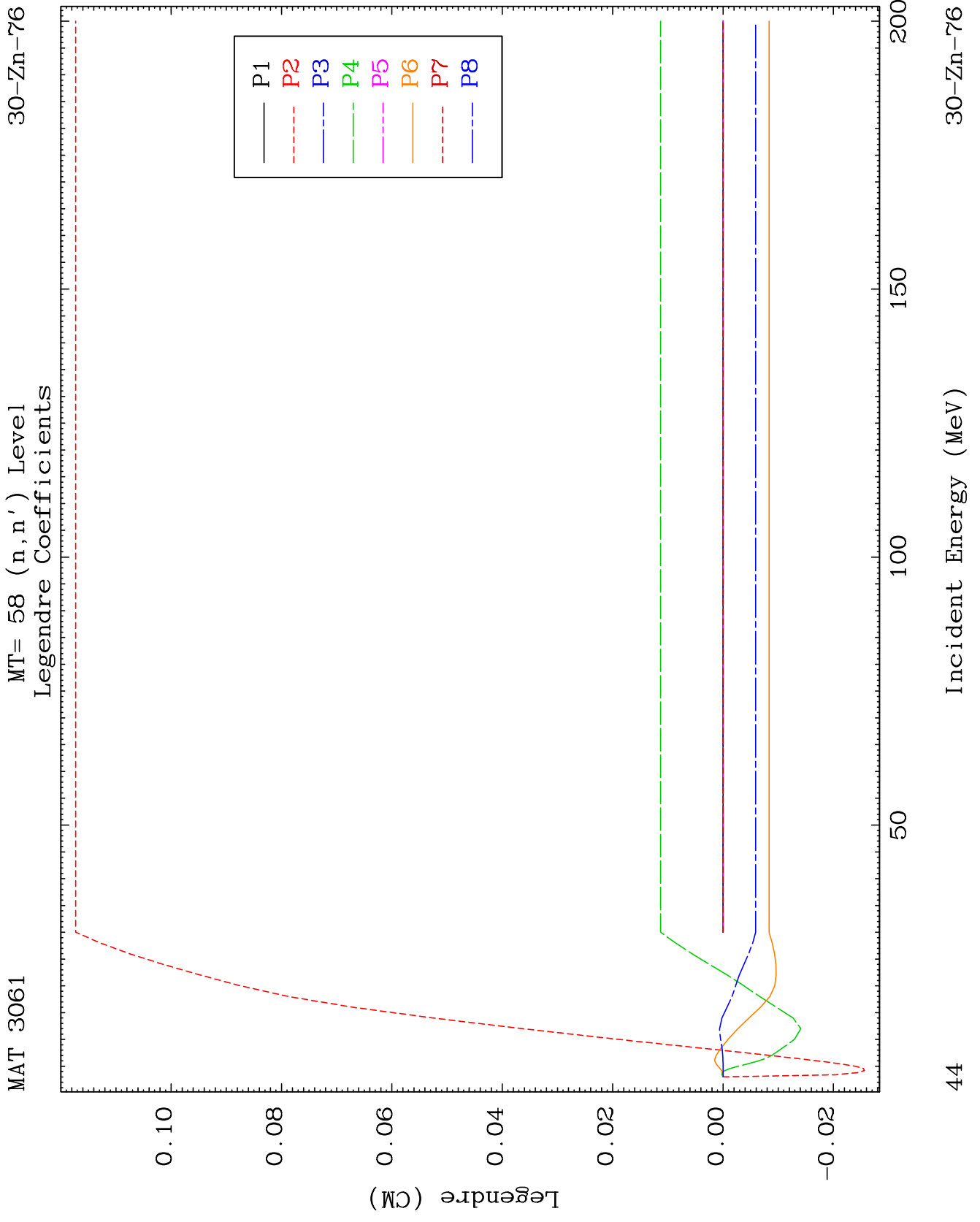
30-Zn-76

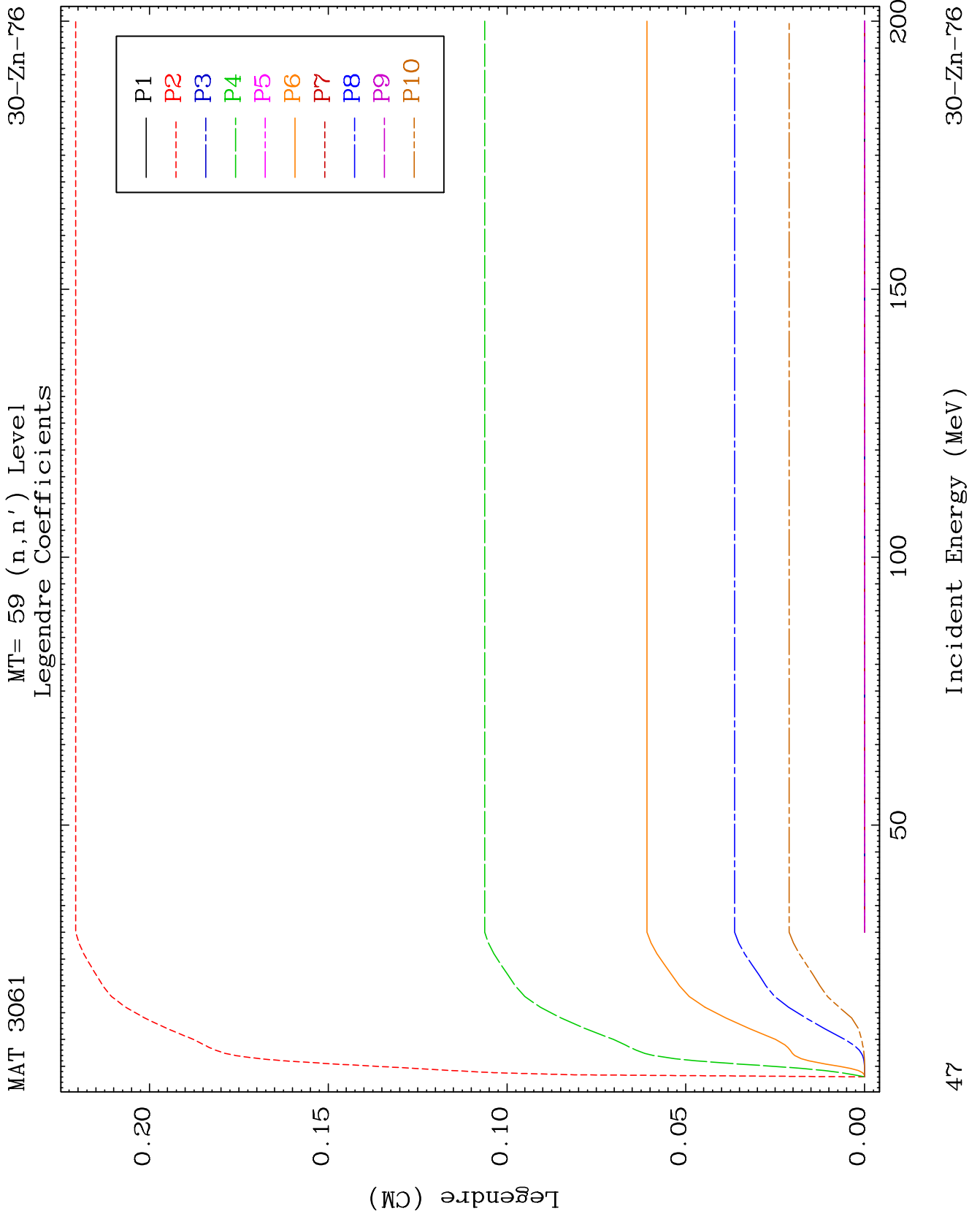


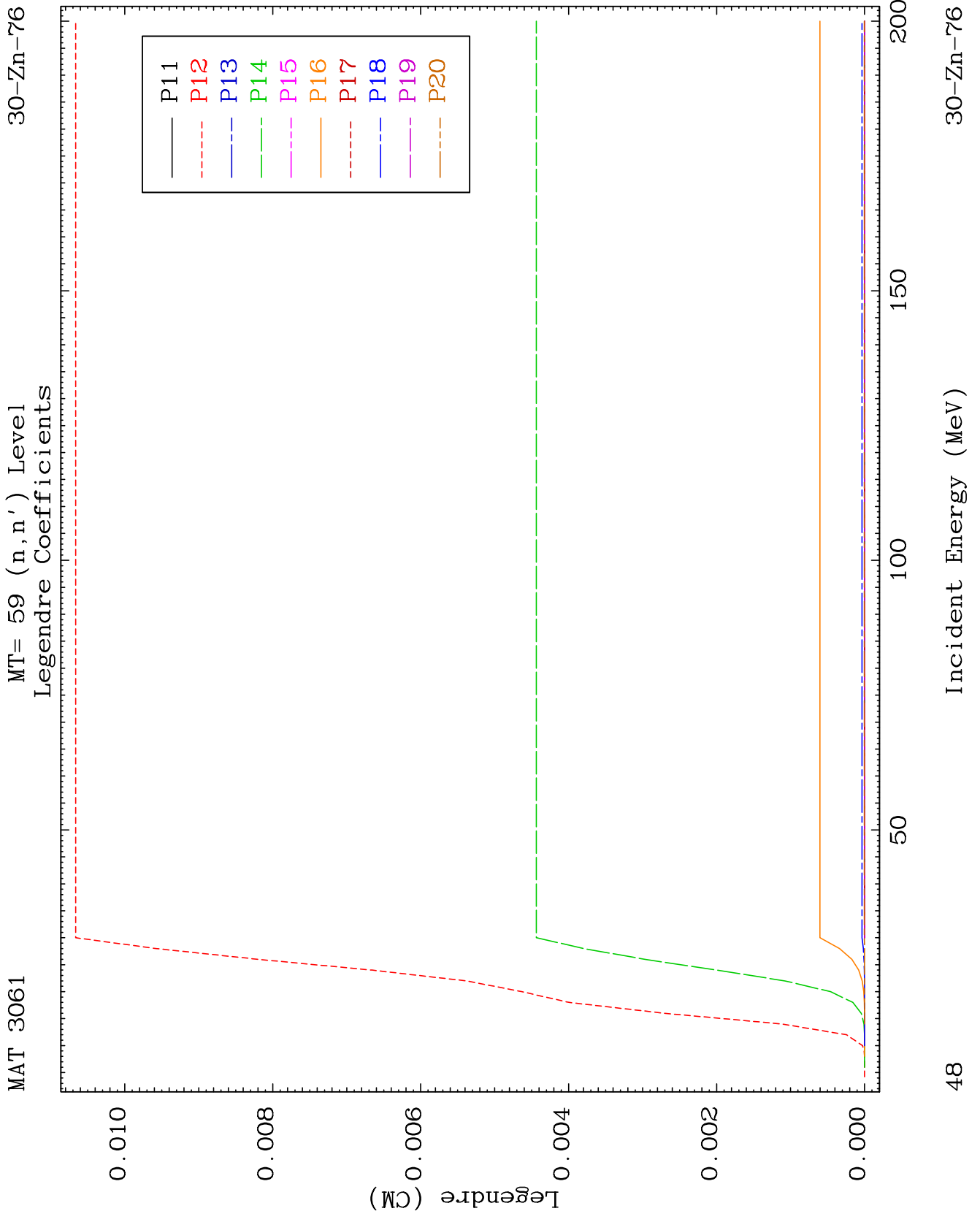
43

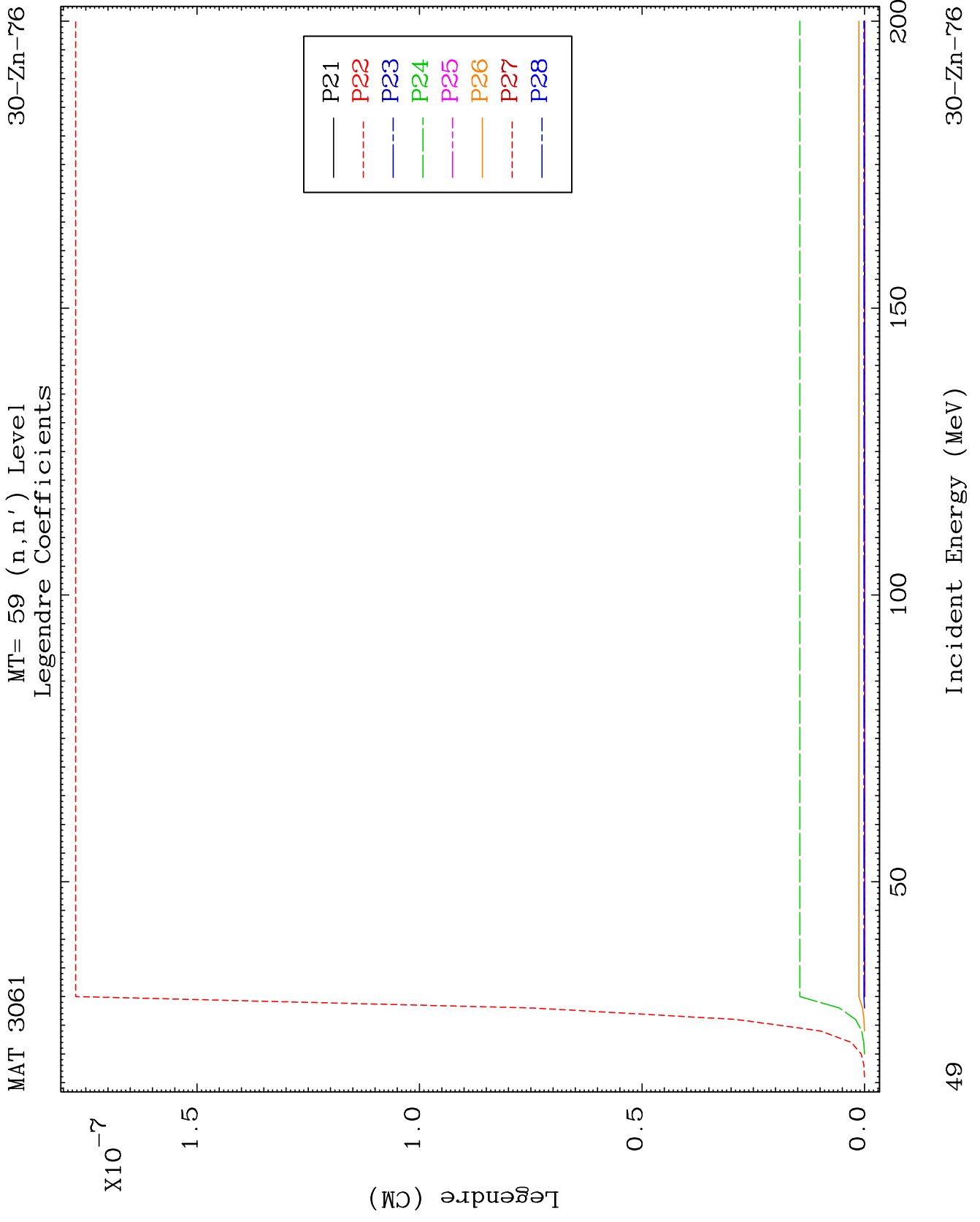
Incident Energy (MeV)

30-Zn-76





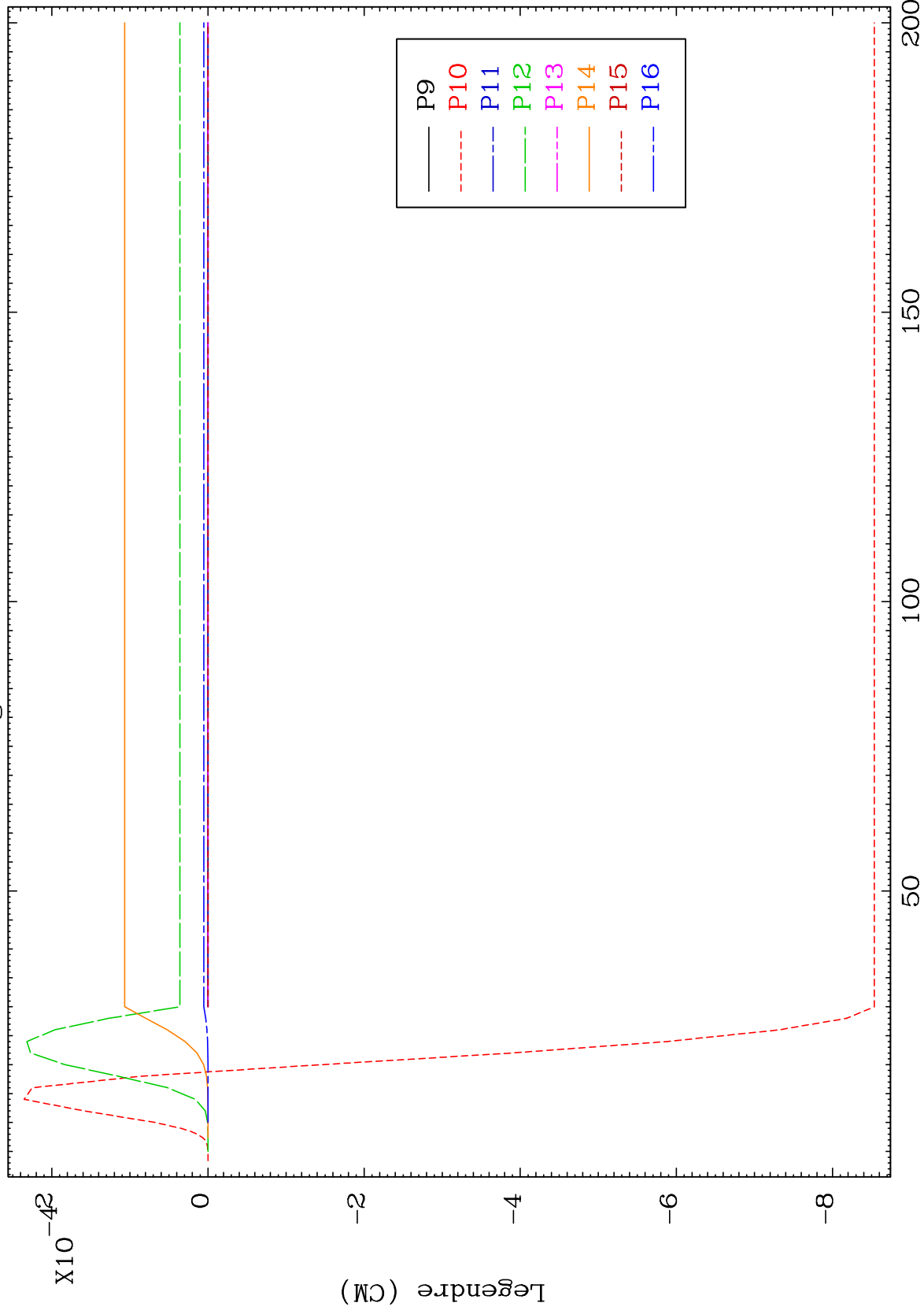




MAT 3061

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

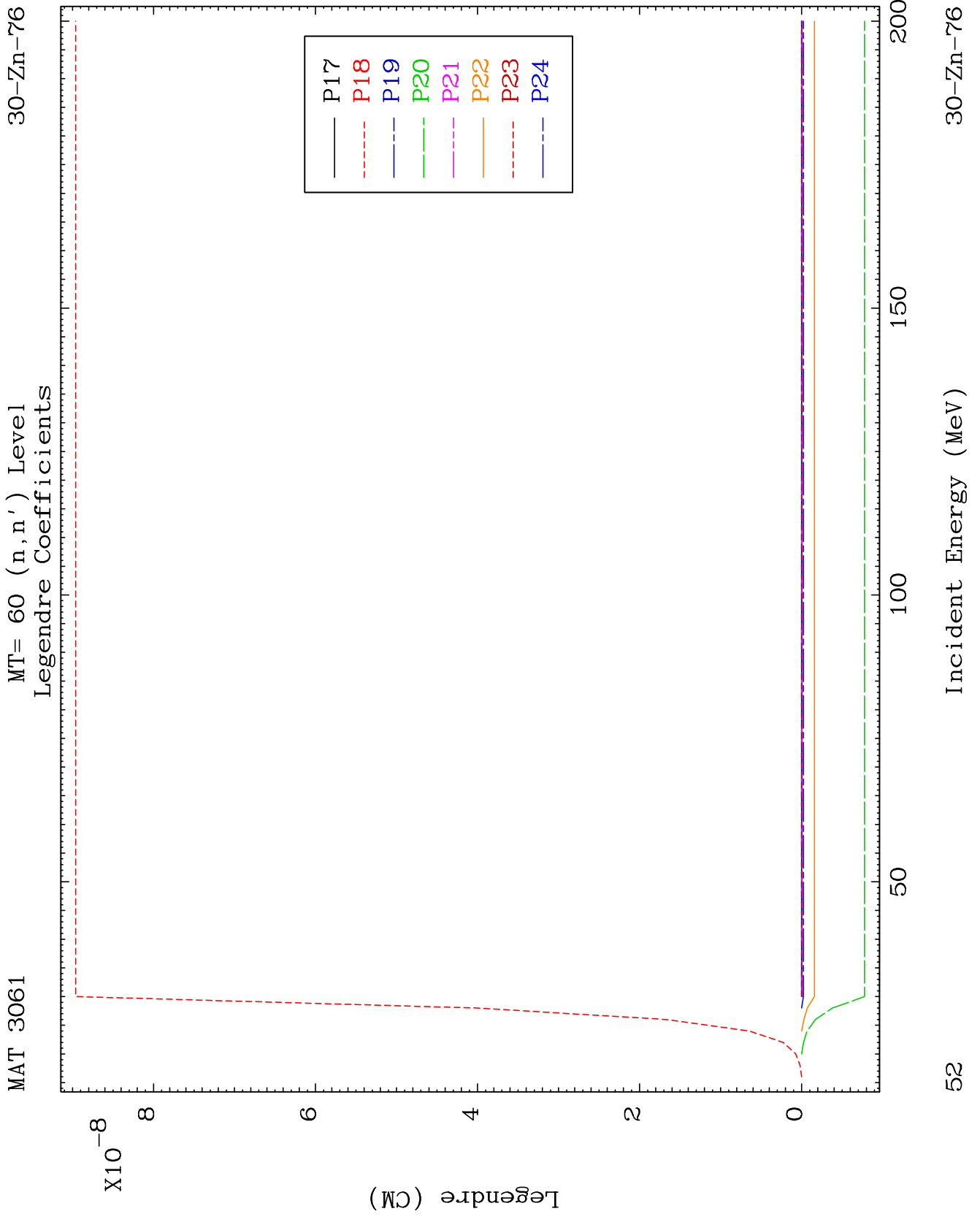
30-Zn-76

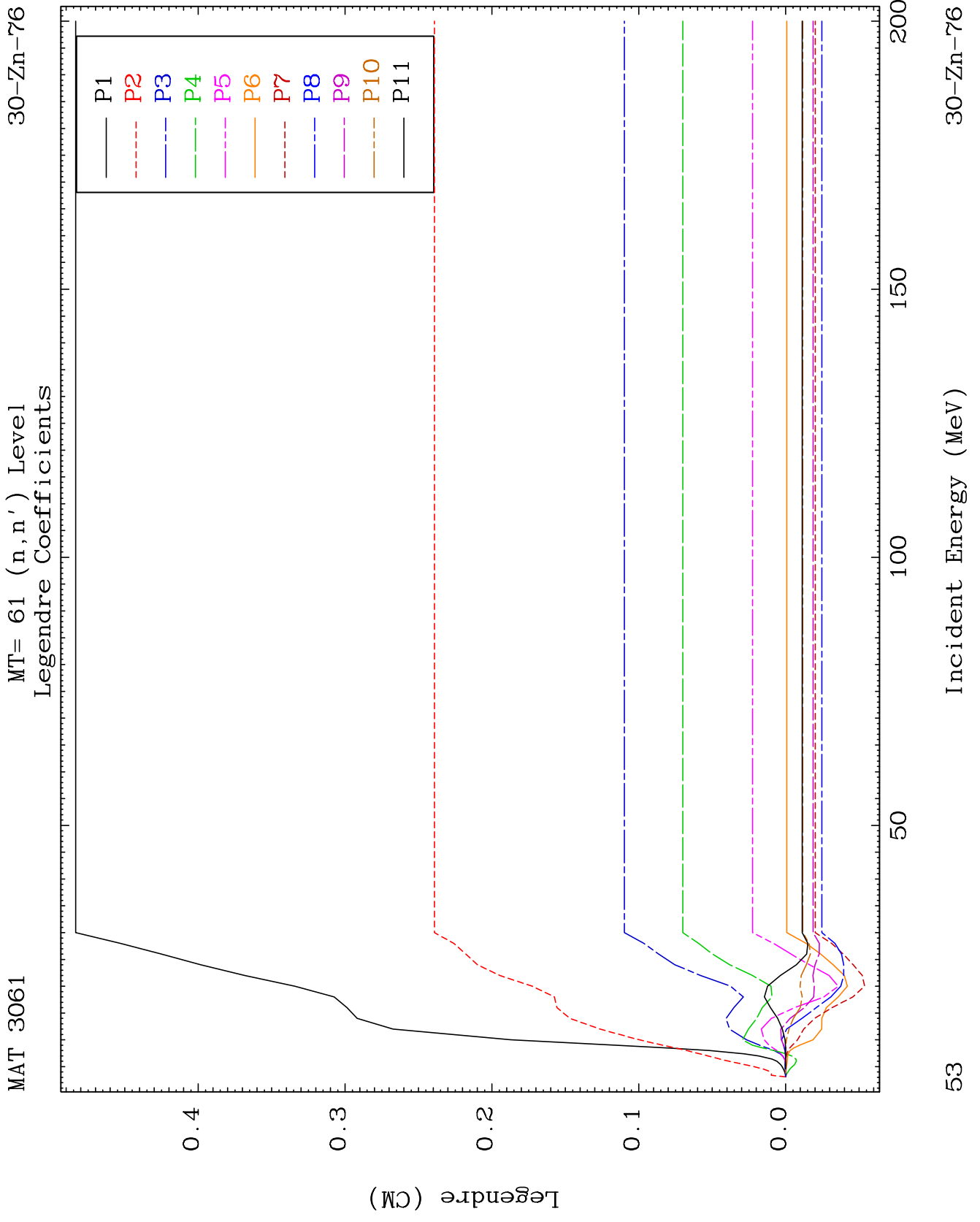


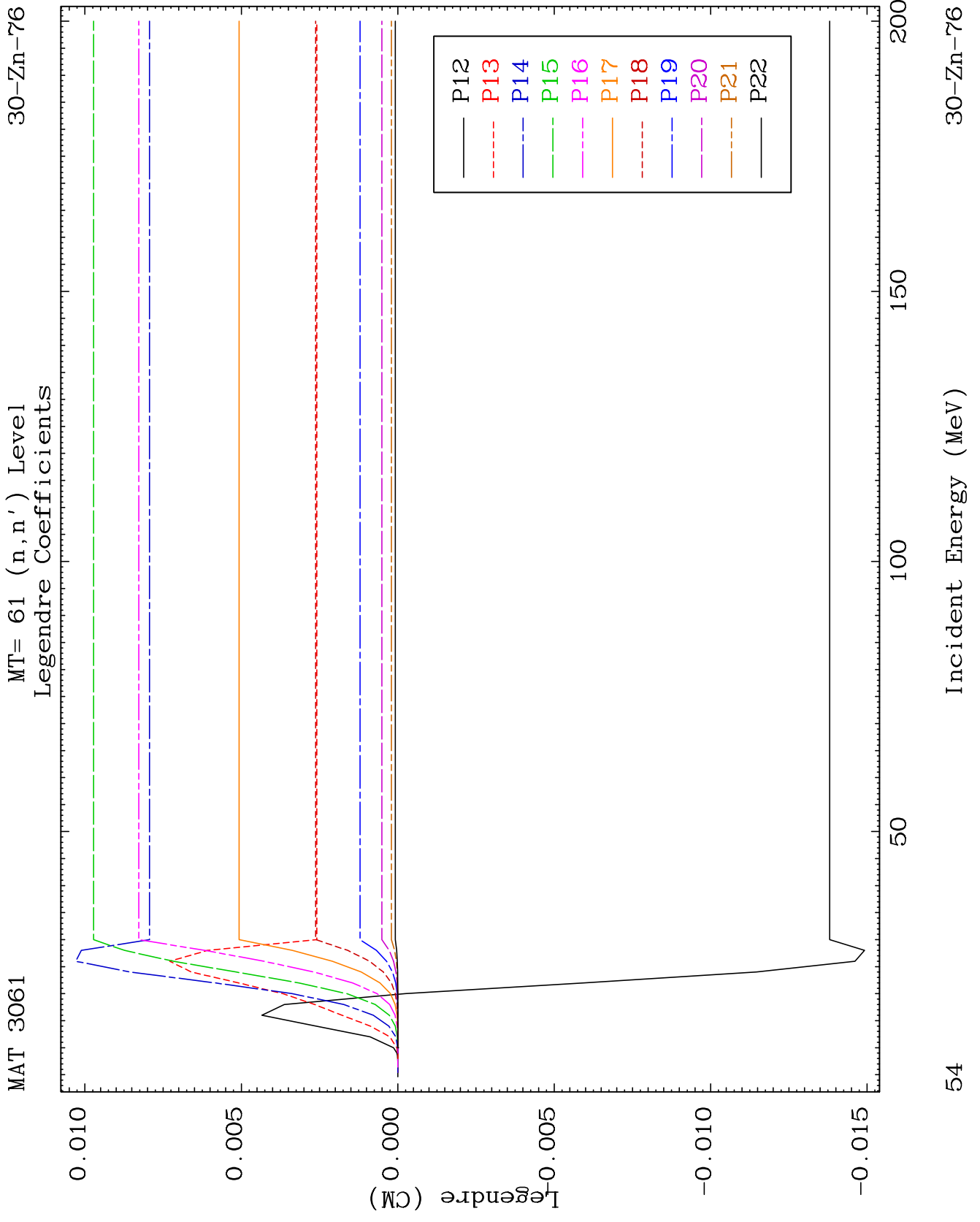
51

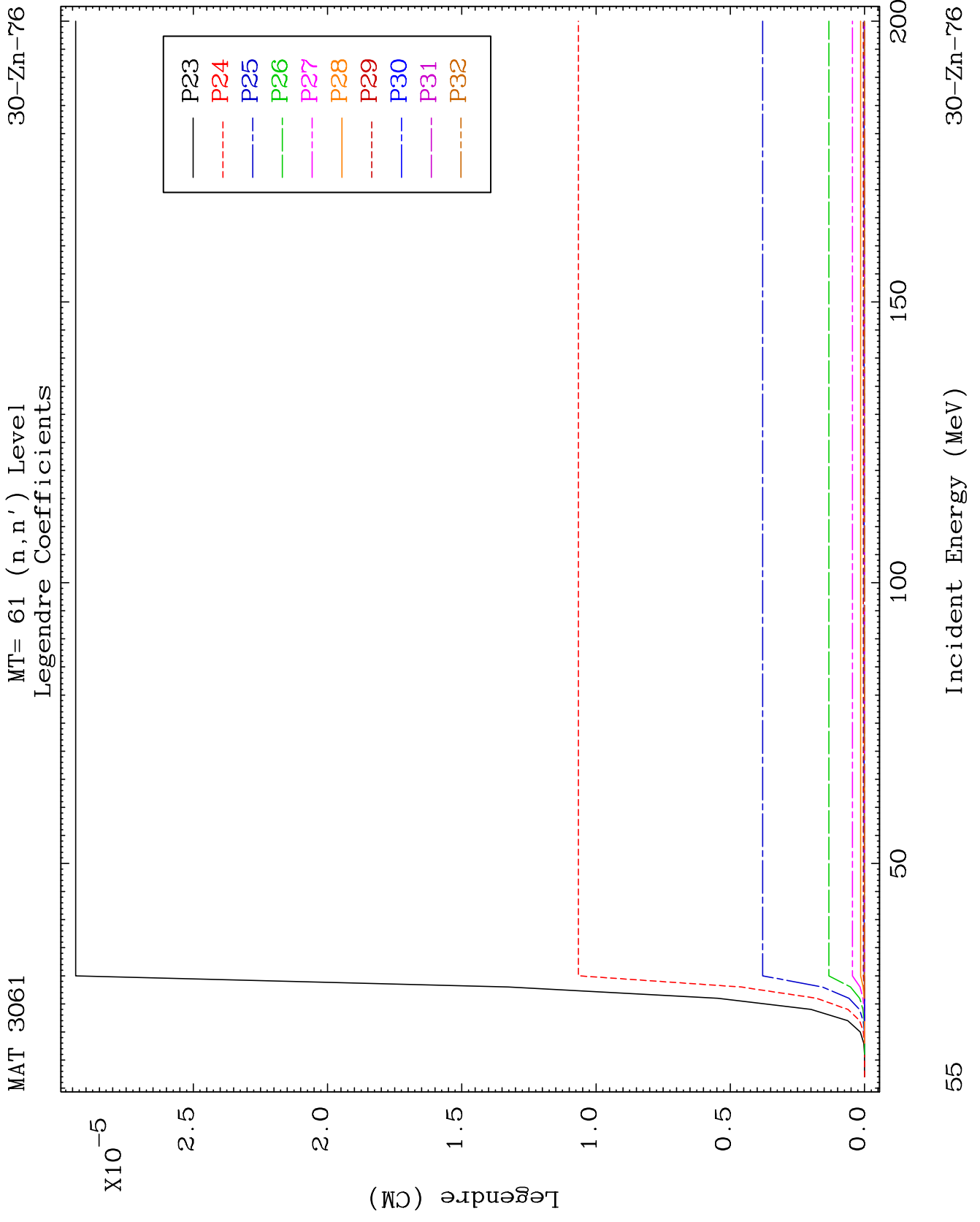
Incident Energy (MeV)

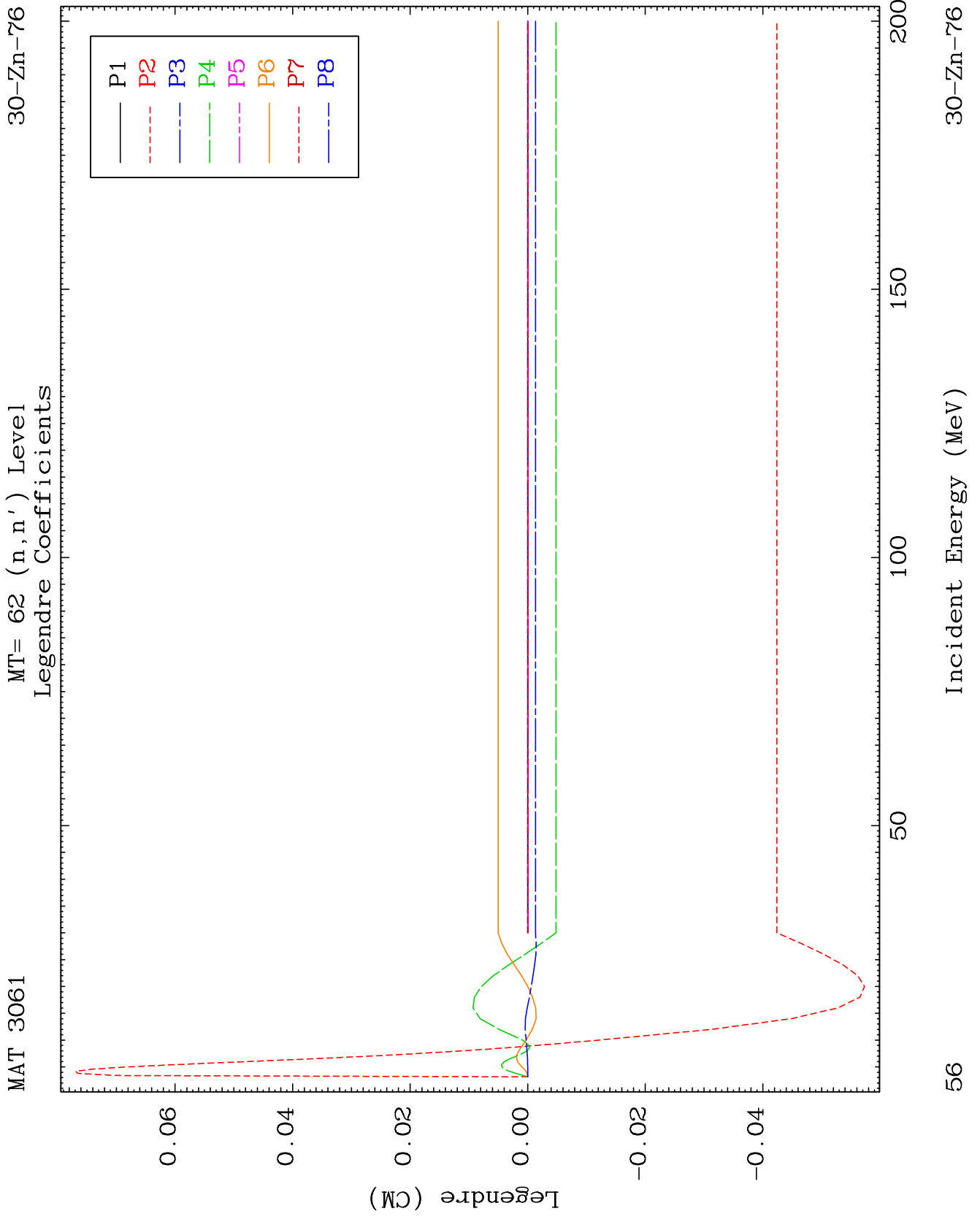
30-Zn-76

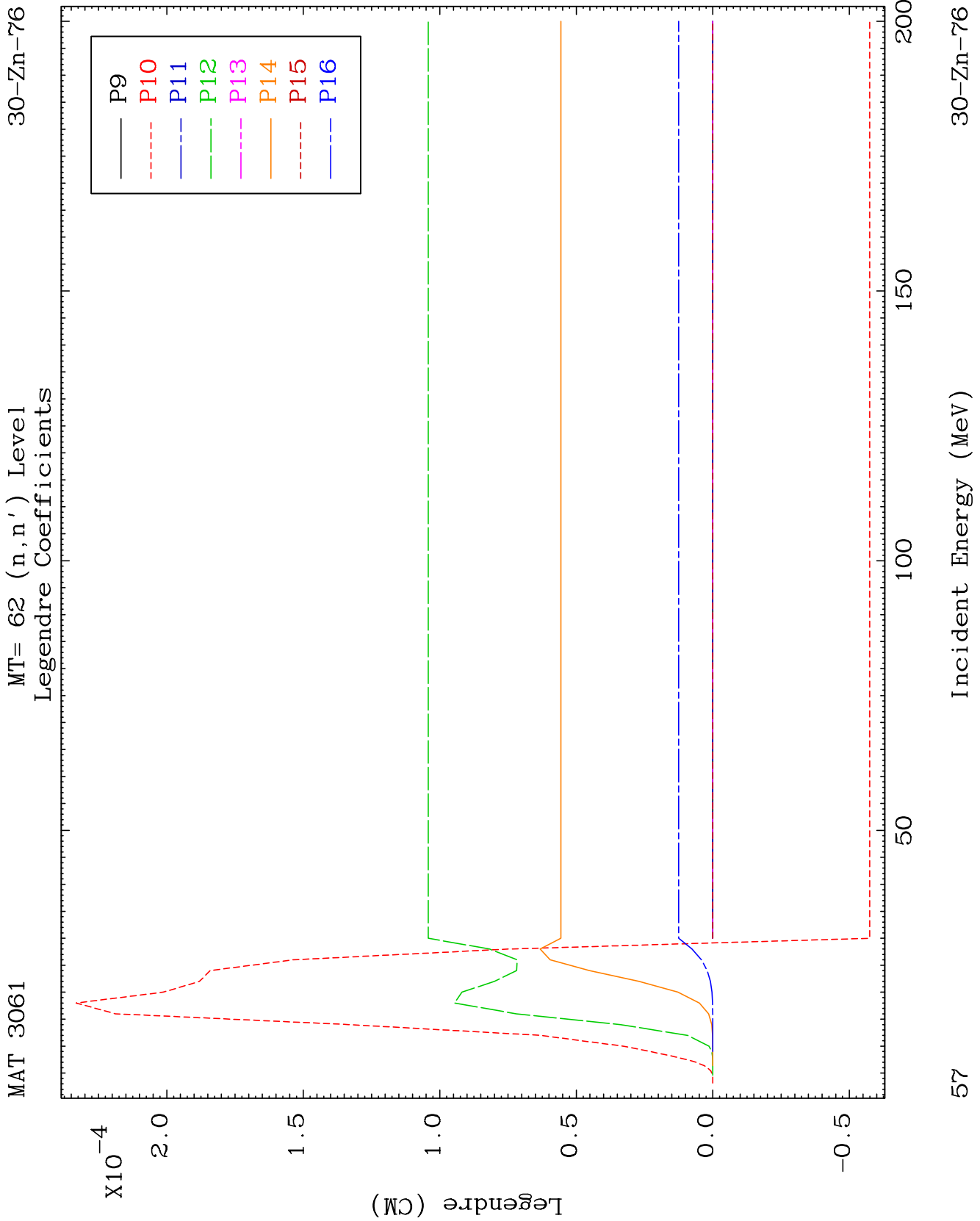


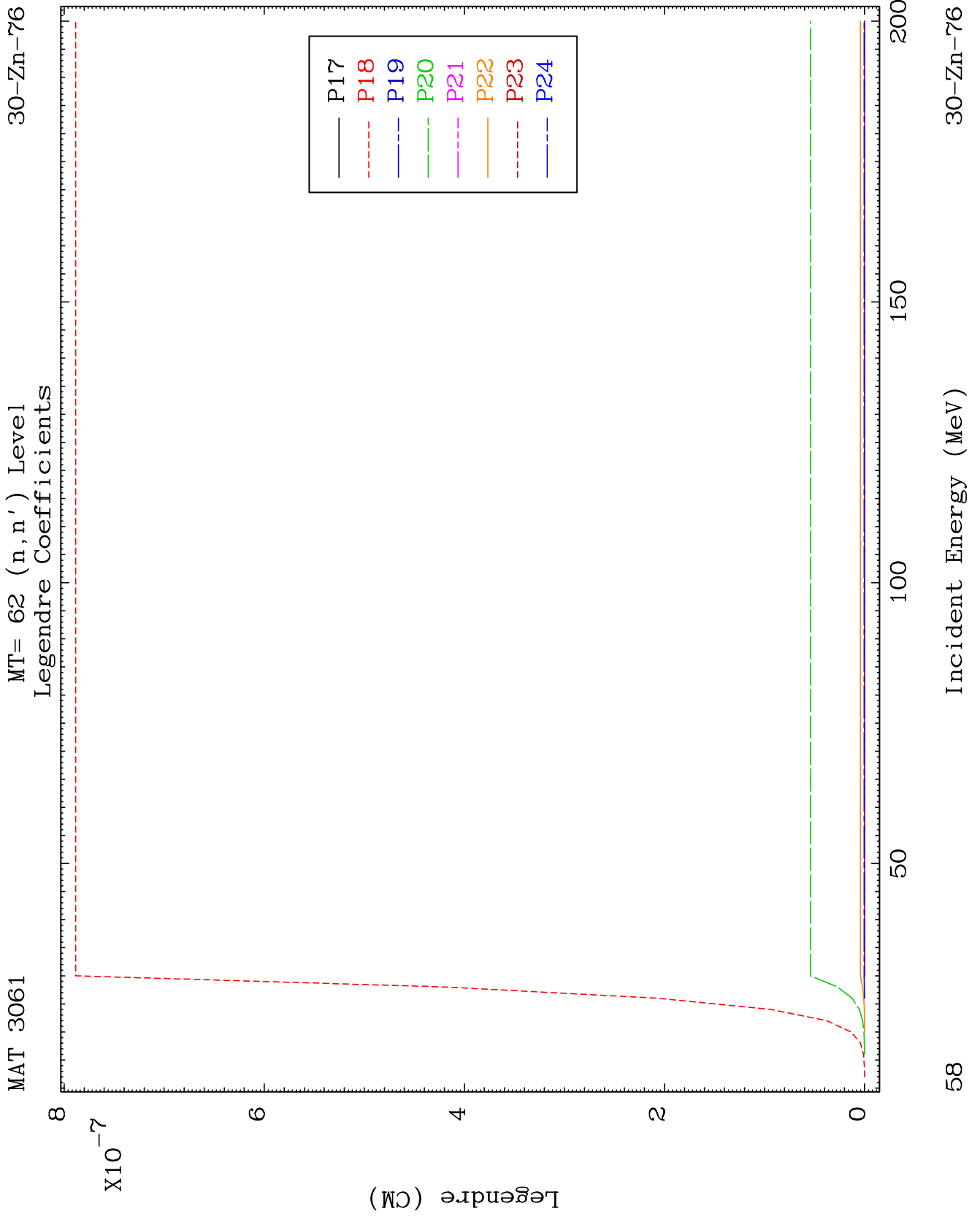


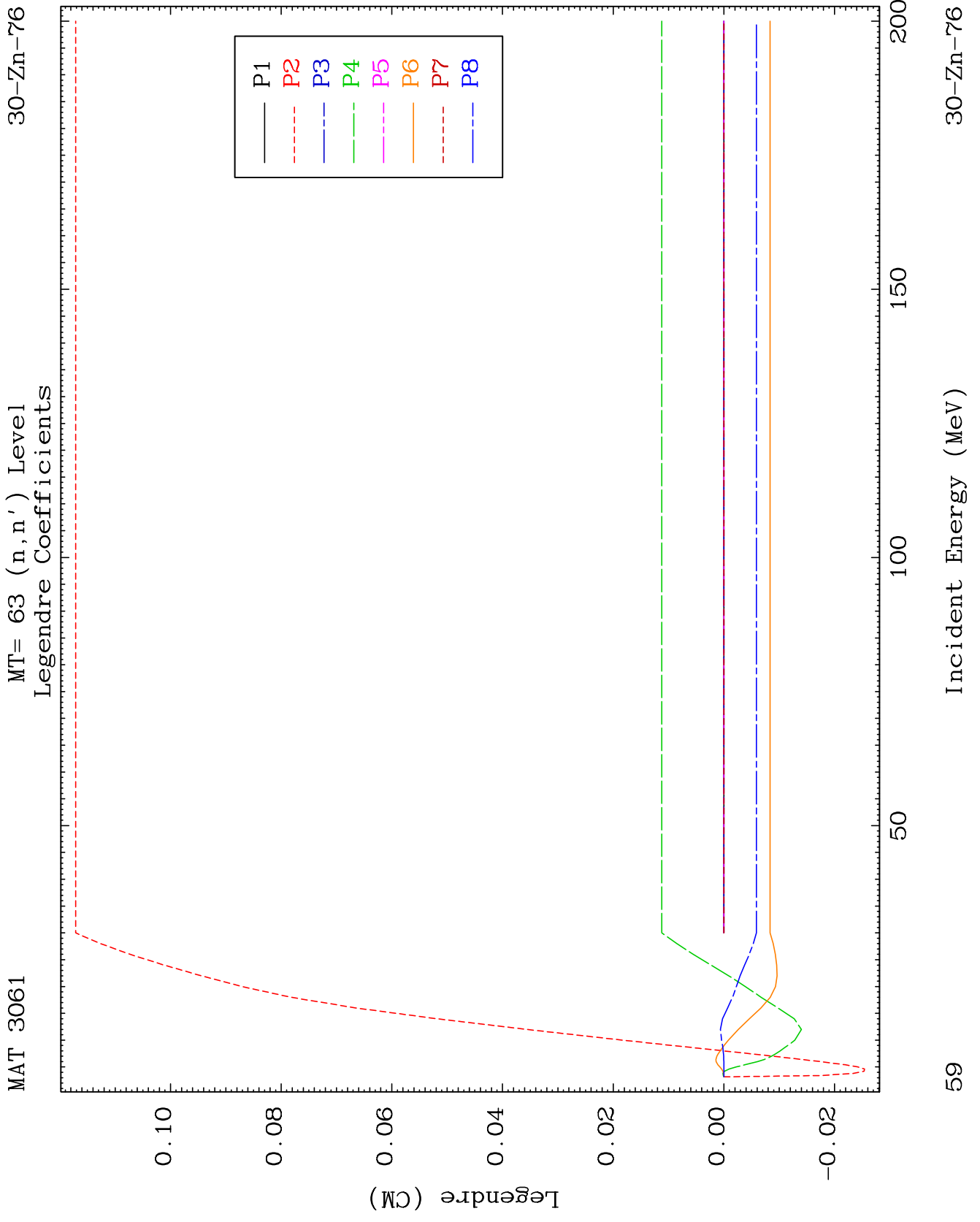


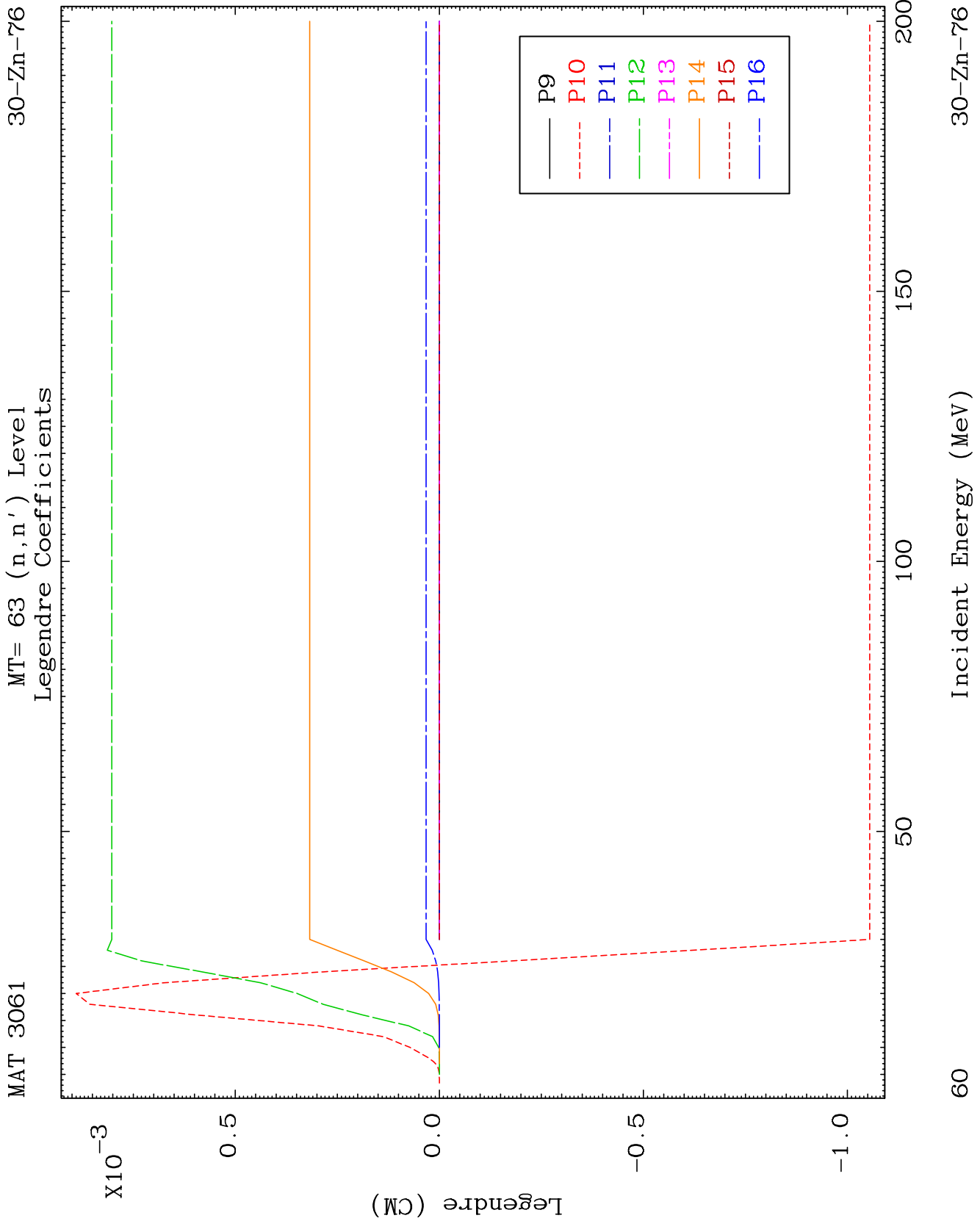


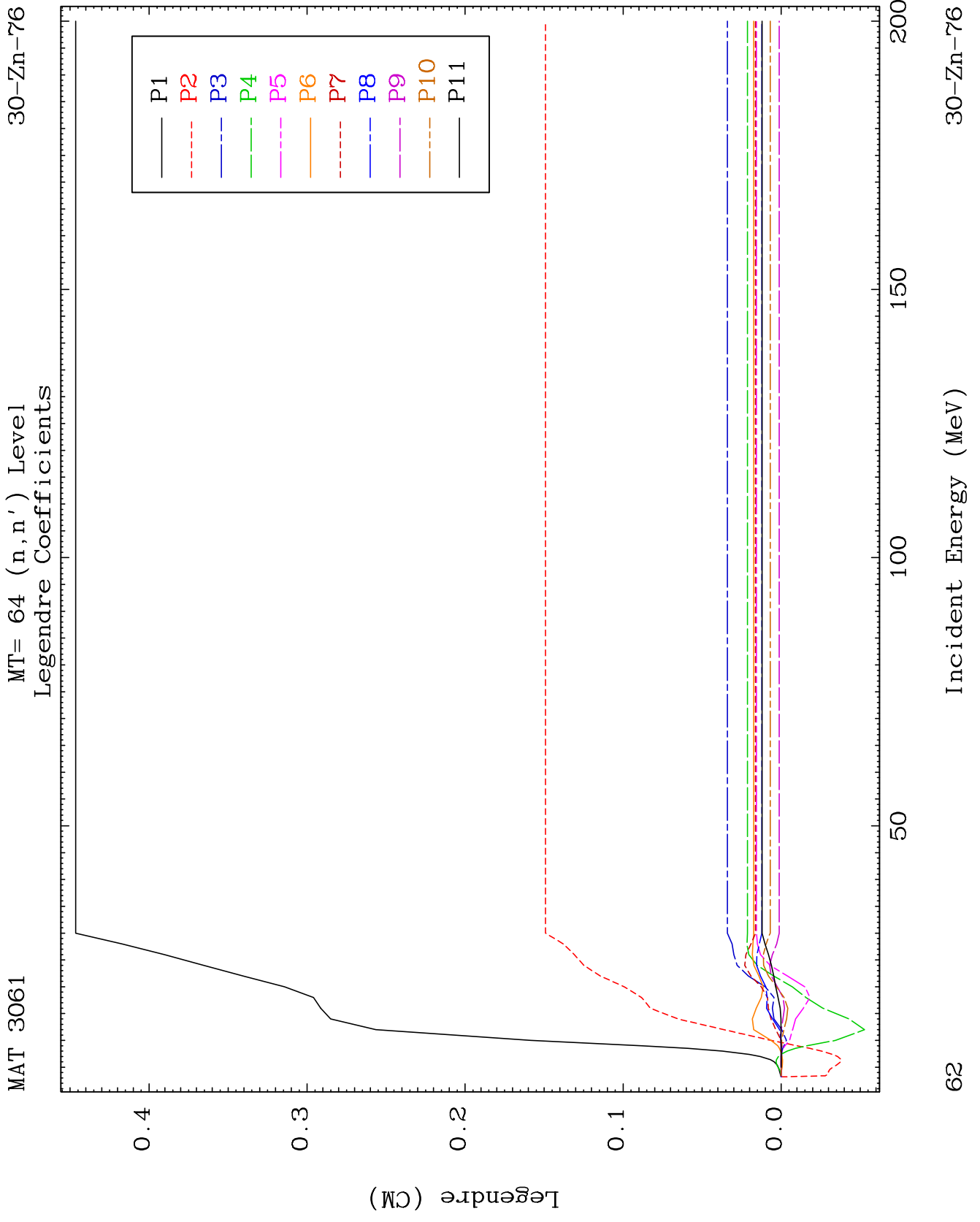








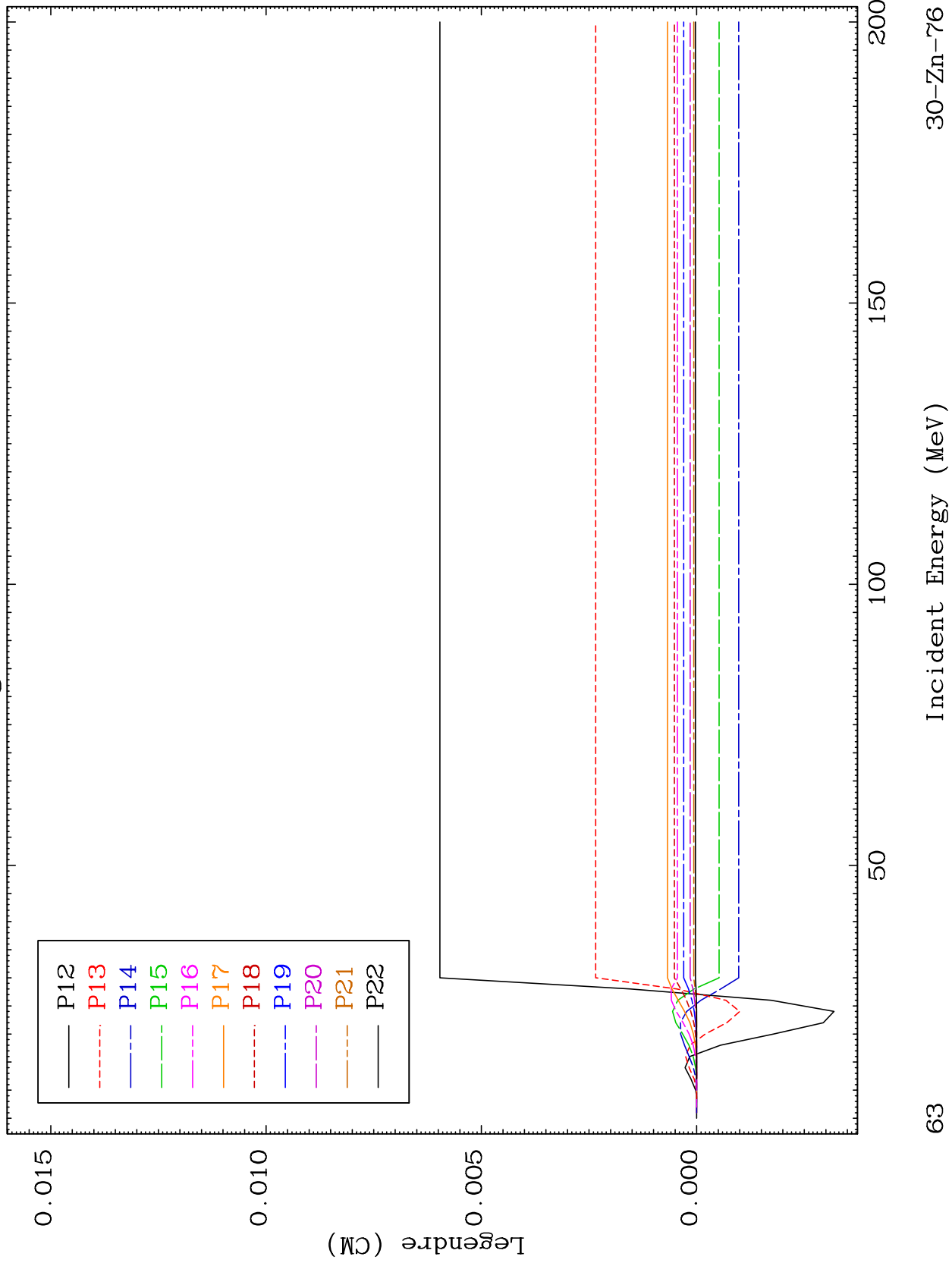




MAT 3061

MT= 64 (n,n') Level
Legendre Coefficients

30-Zn-76



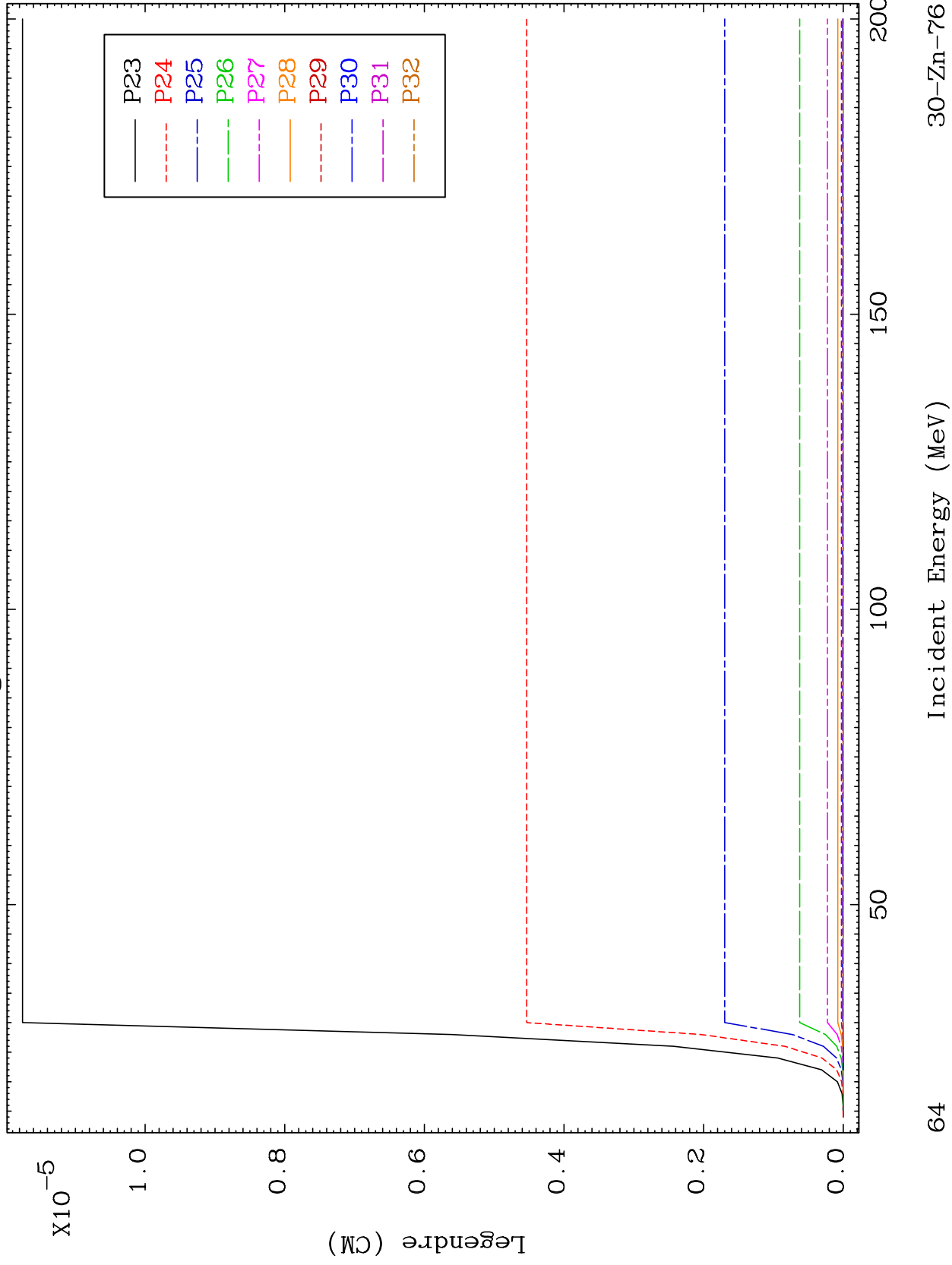
63

30-Zn-76

MAT 3061

MT= 64 (n,n') Level
Legendre Coefficients

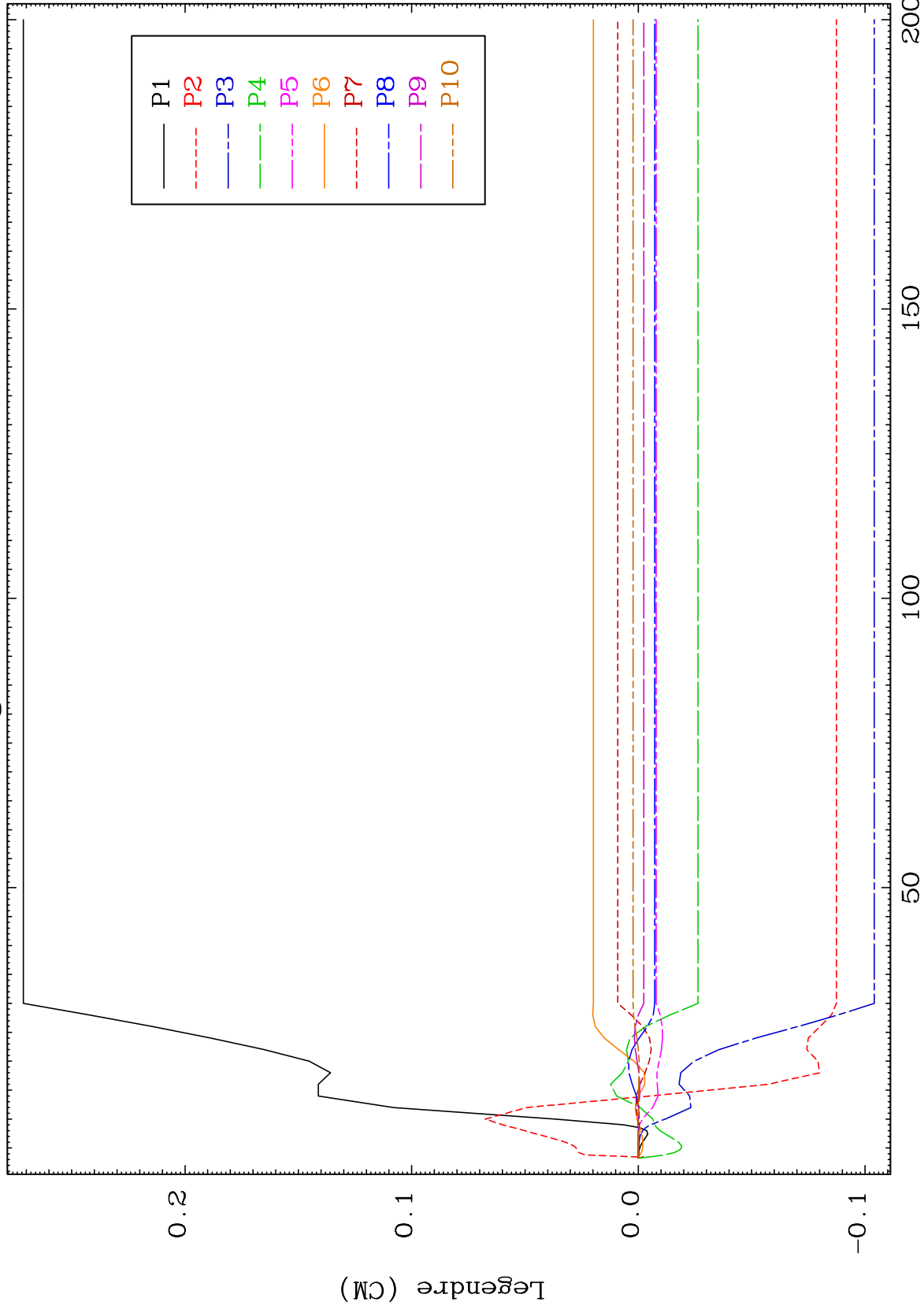
30-Zn-76



MAT 3061

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

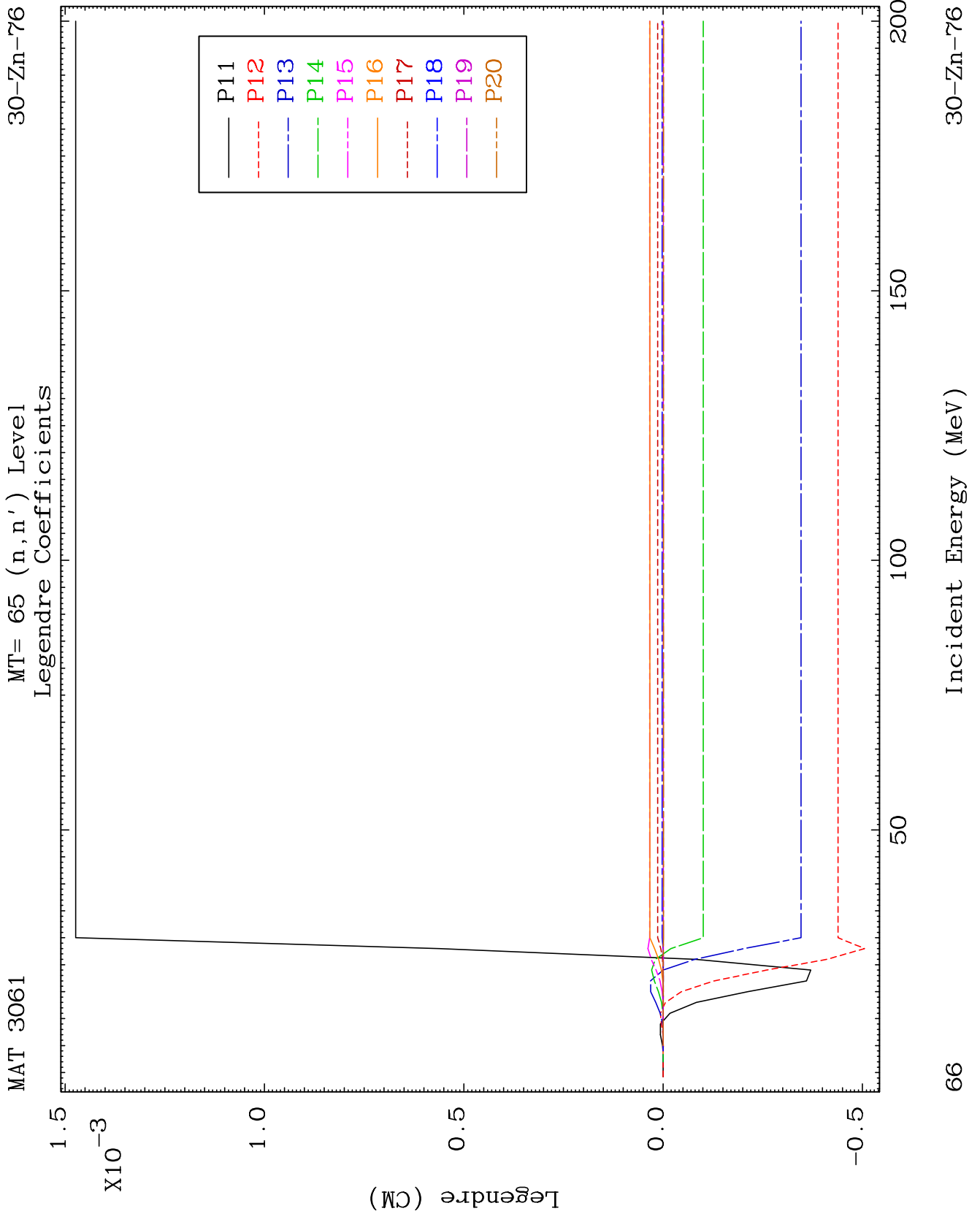
30-Zn-76

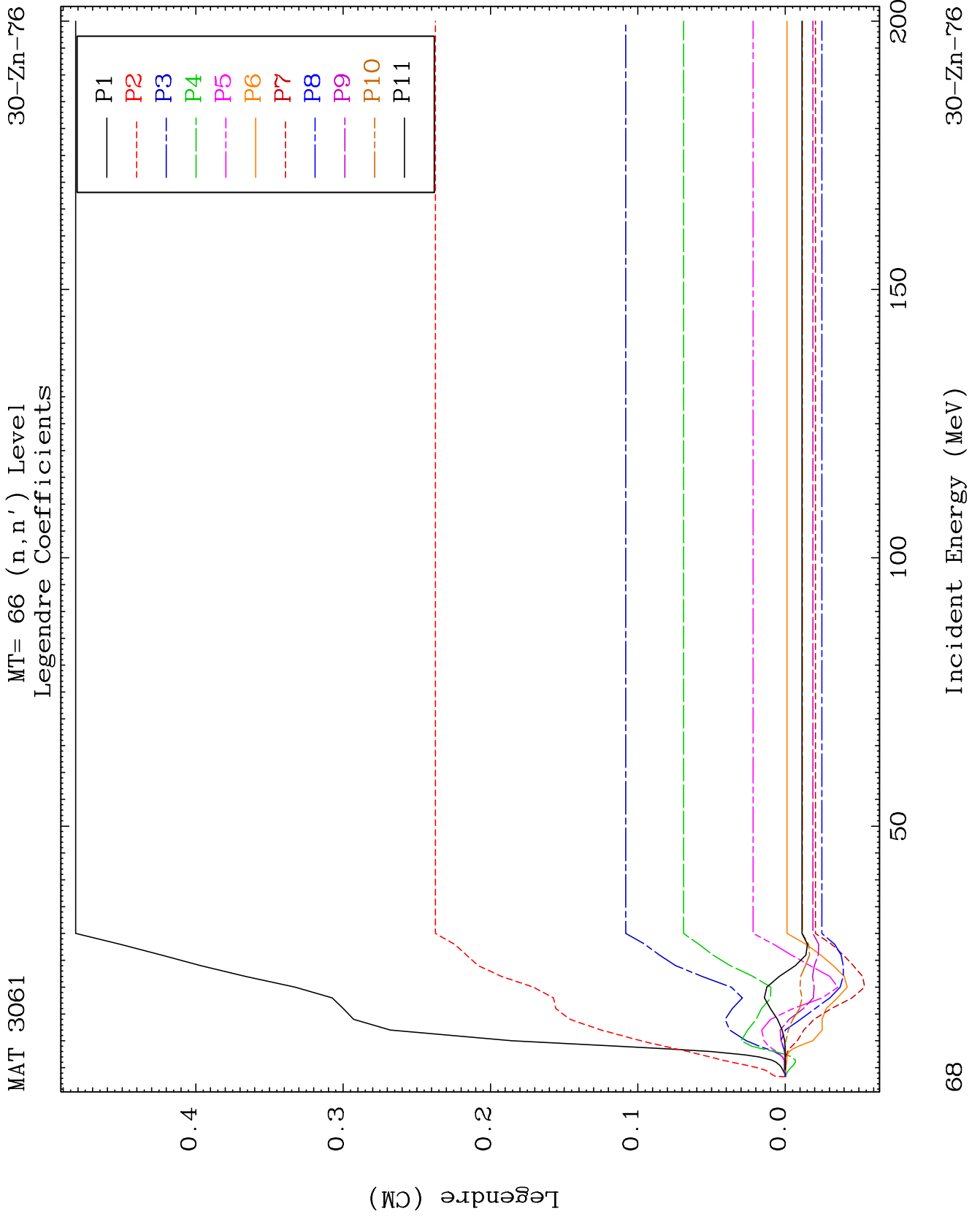


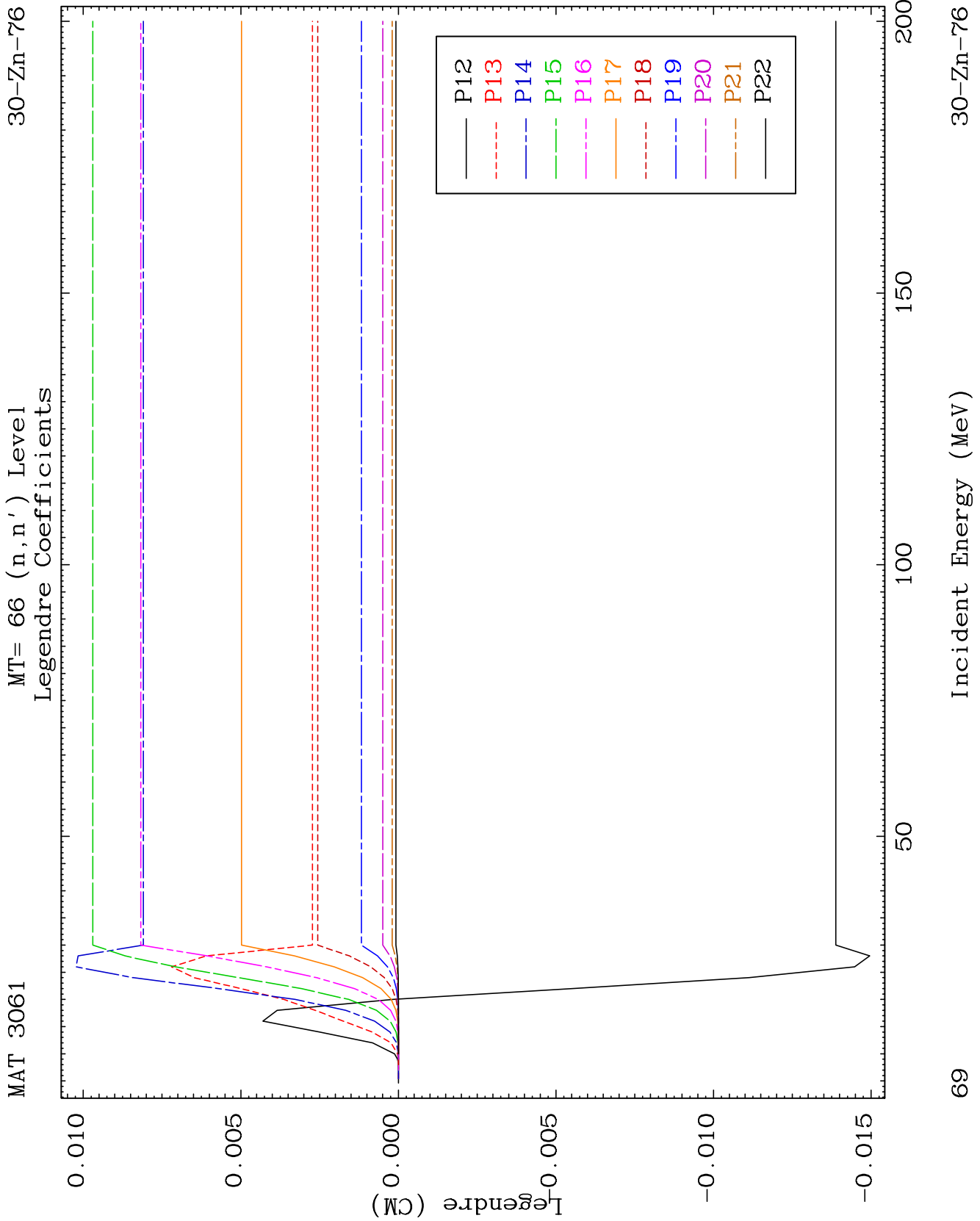
65

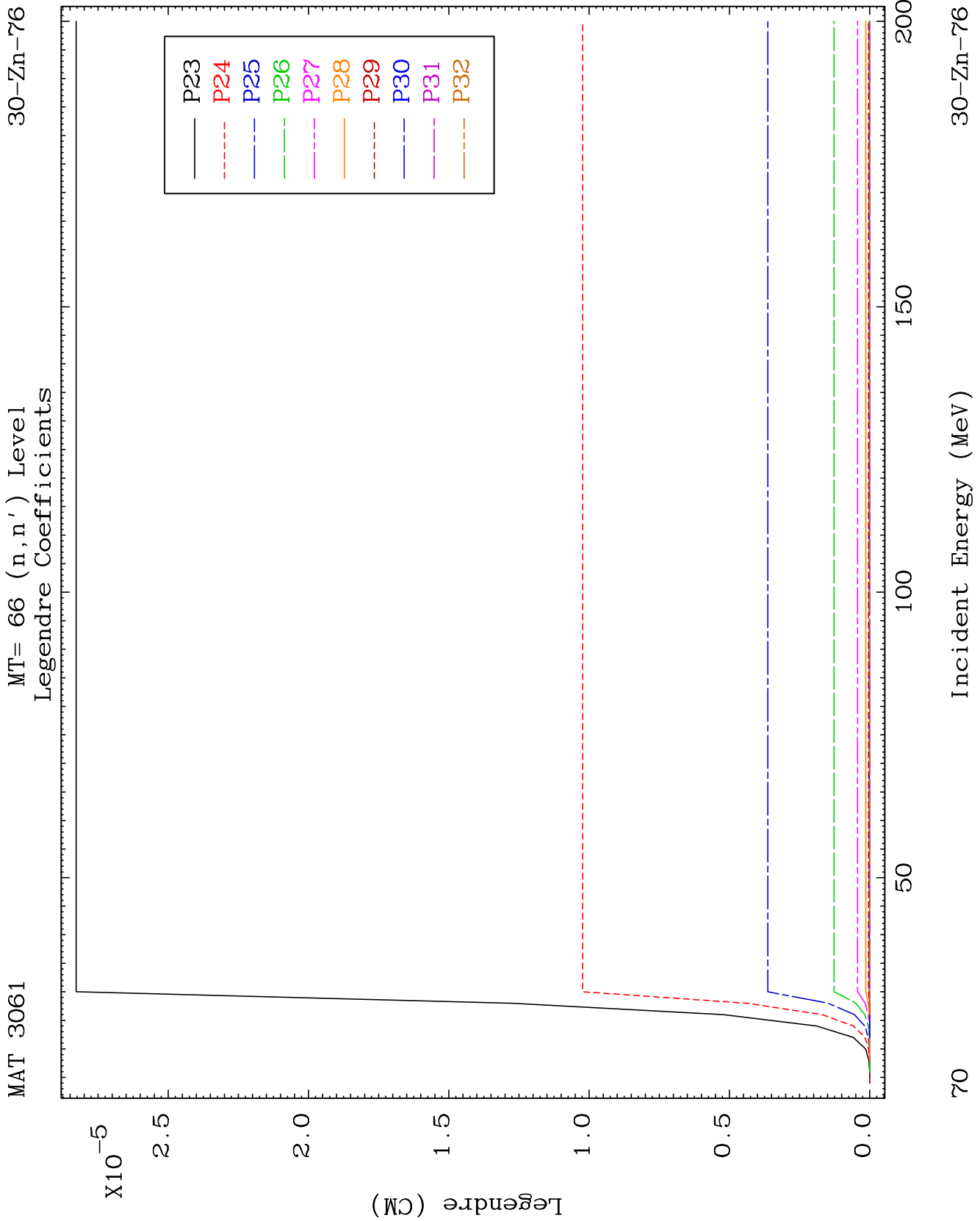
Incident Energy (MeV)

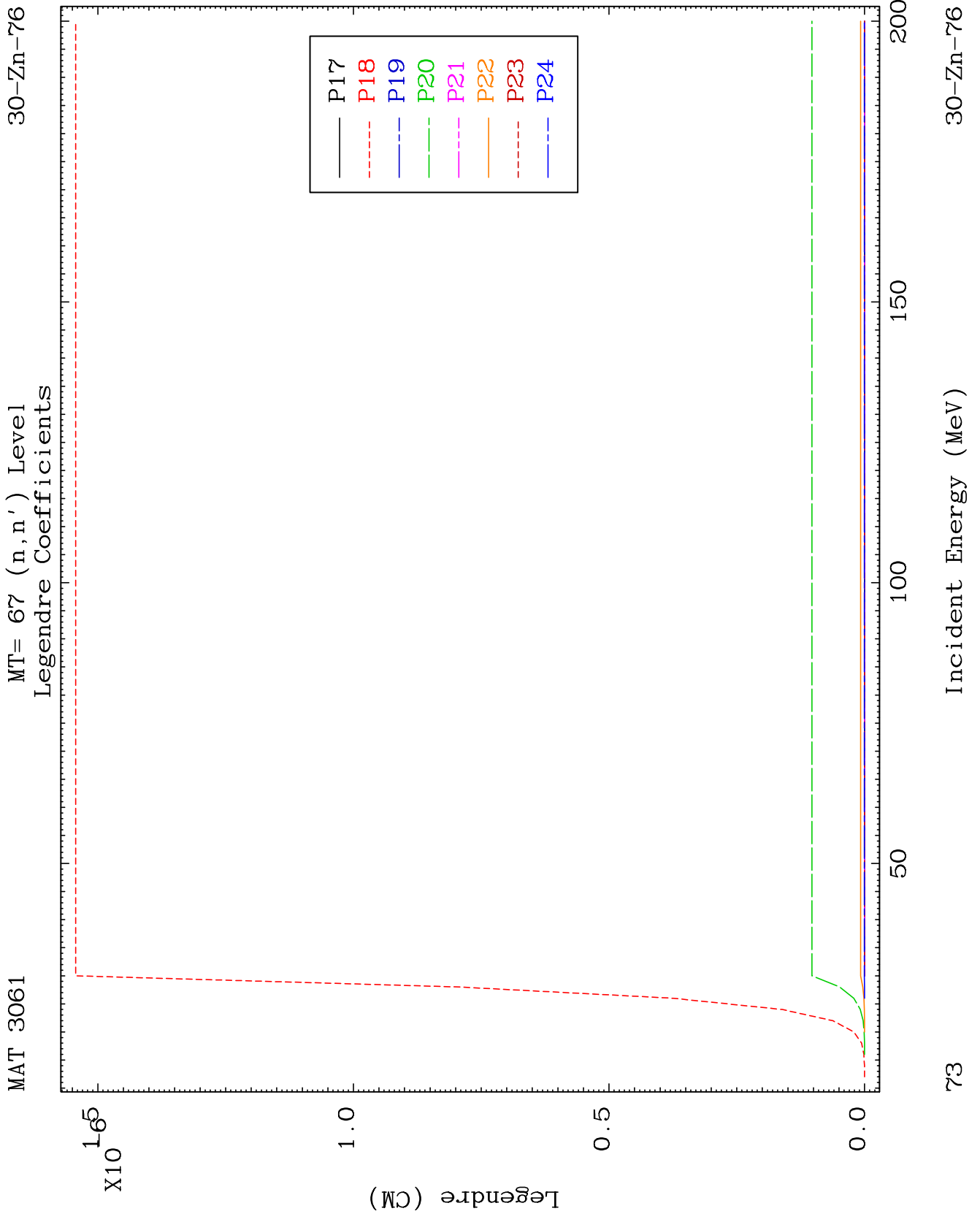
30-Zn-76

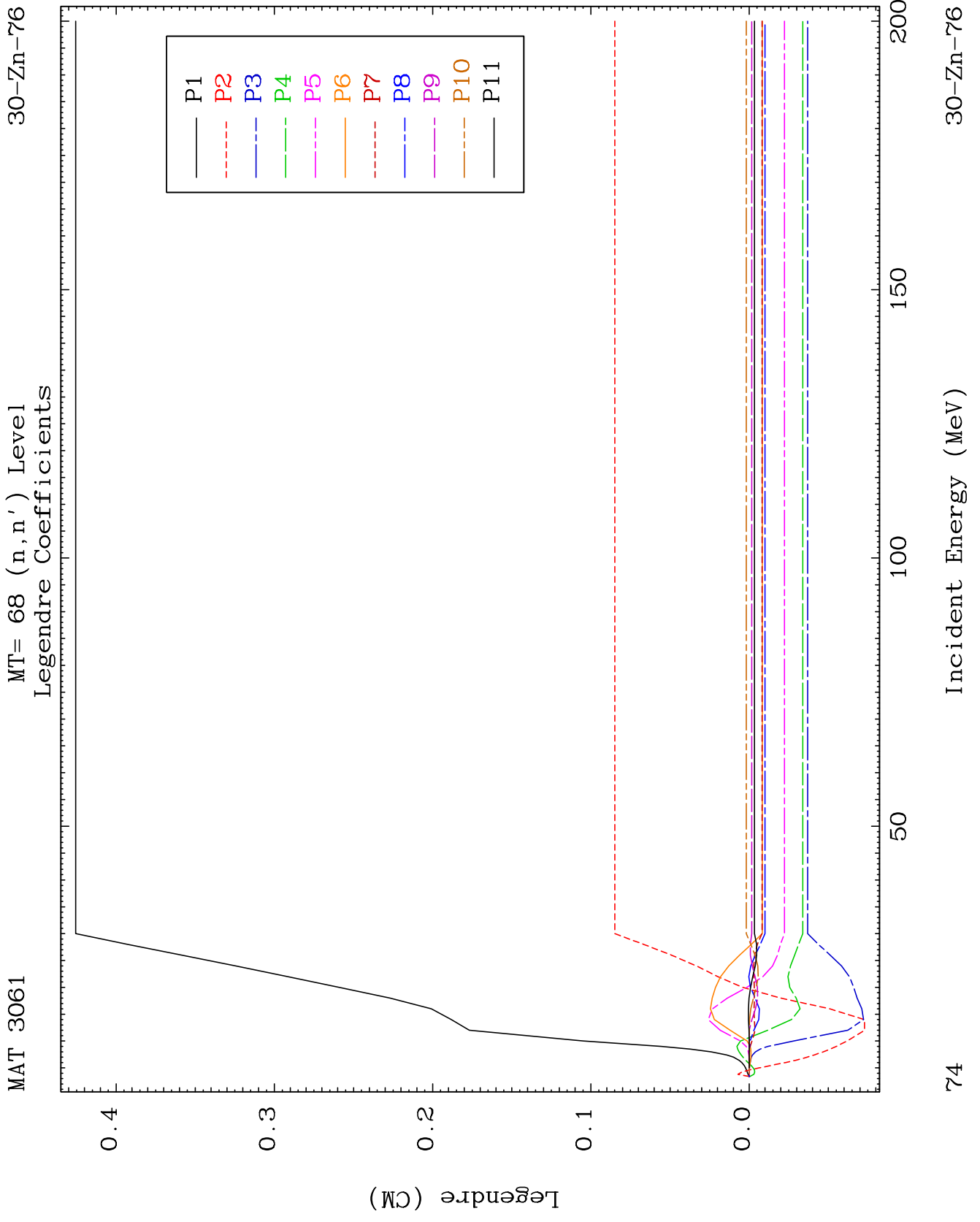


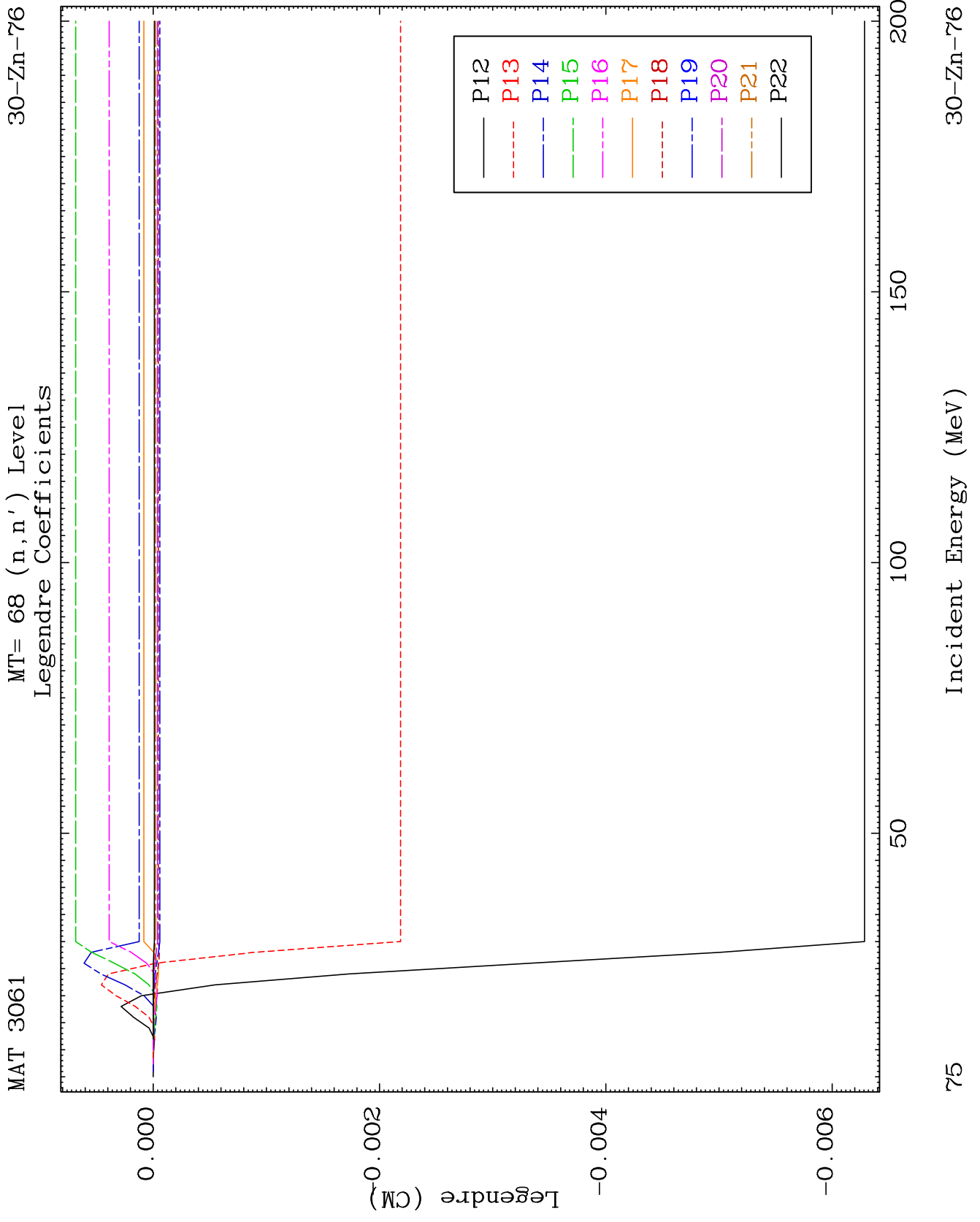


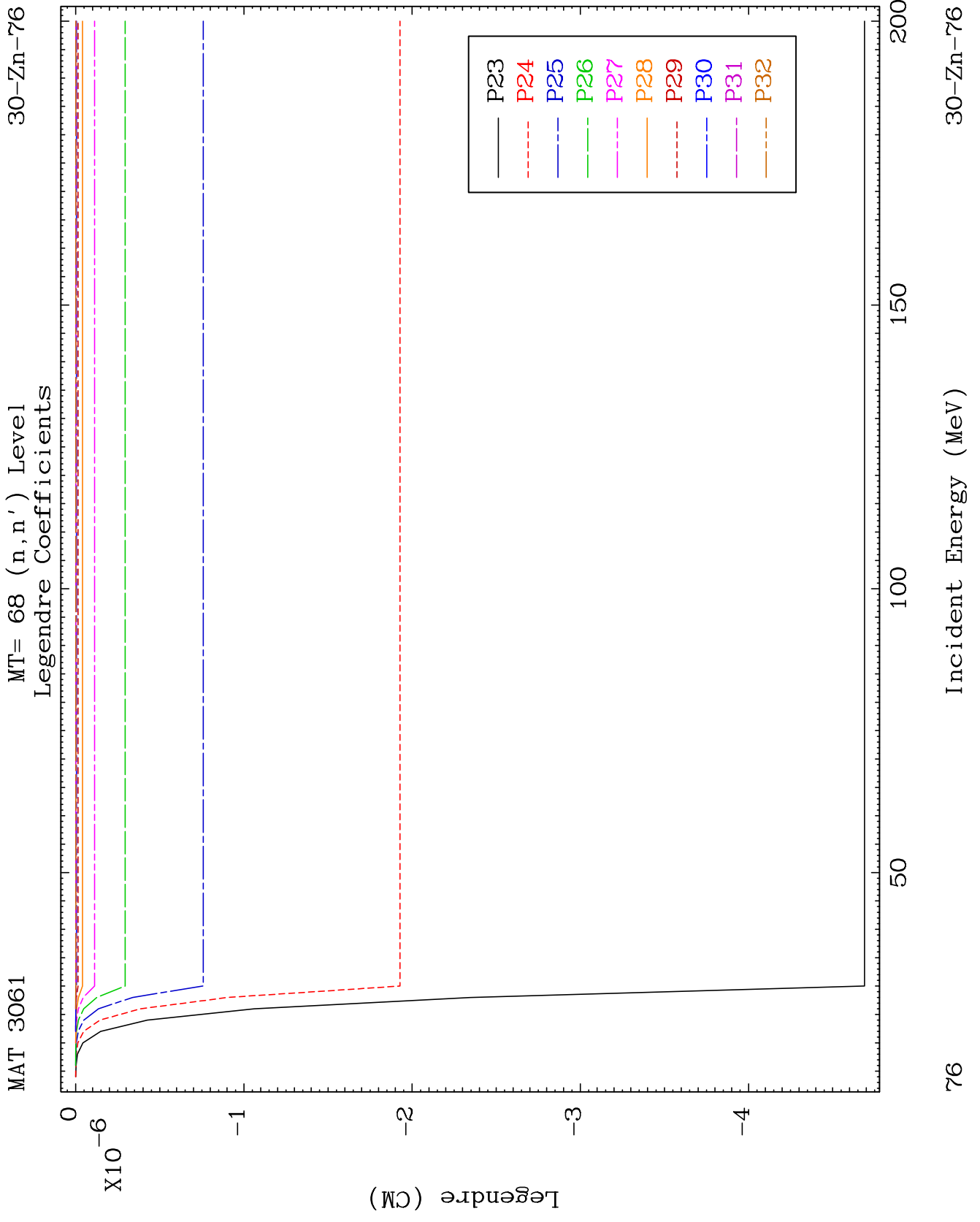








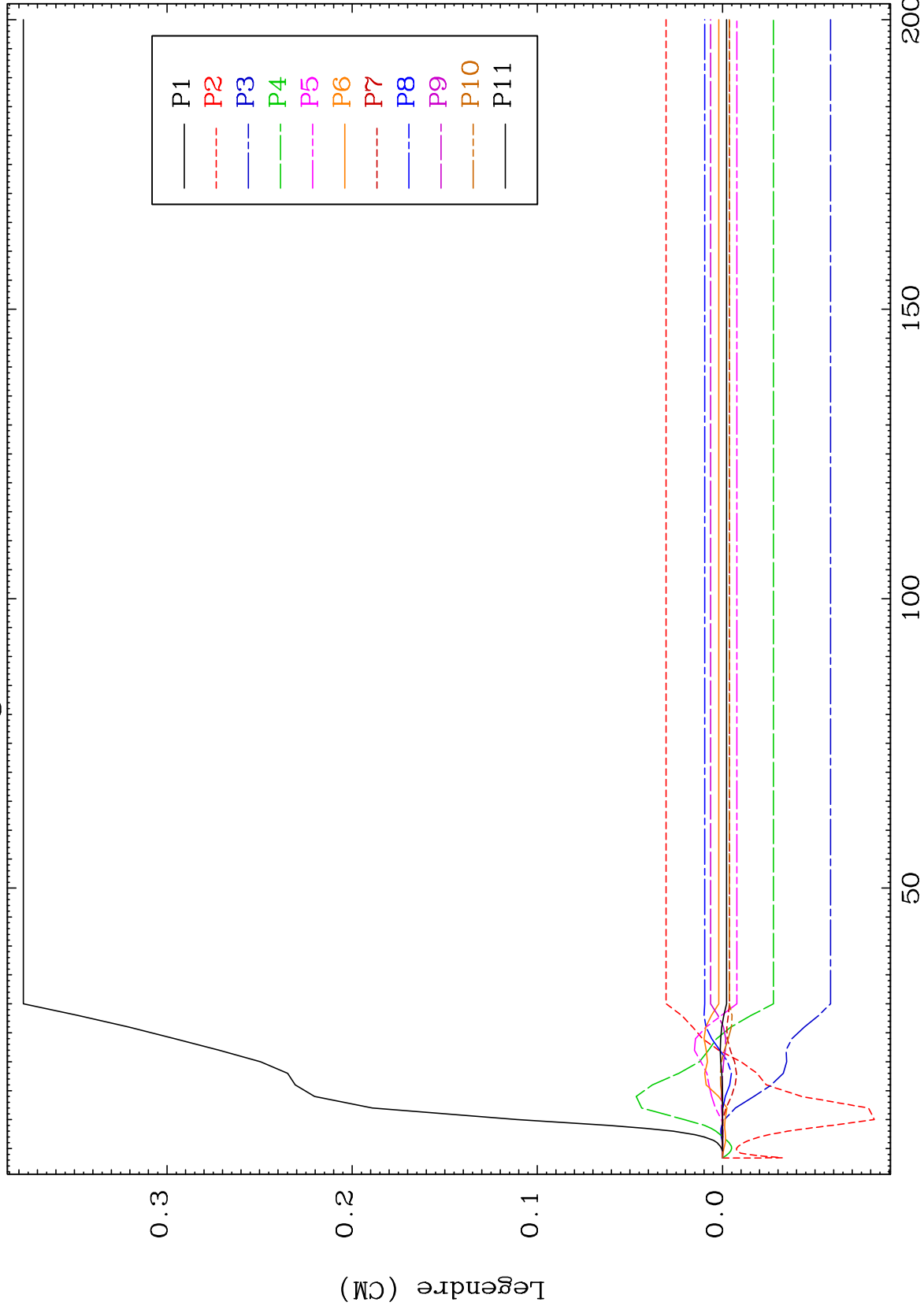




MAT 3061

MT= 69 (n,n') Level
Legendre Coefficients

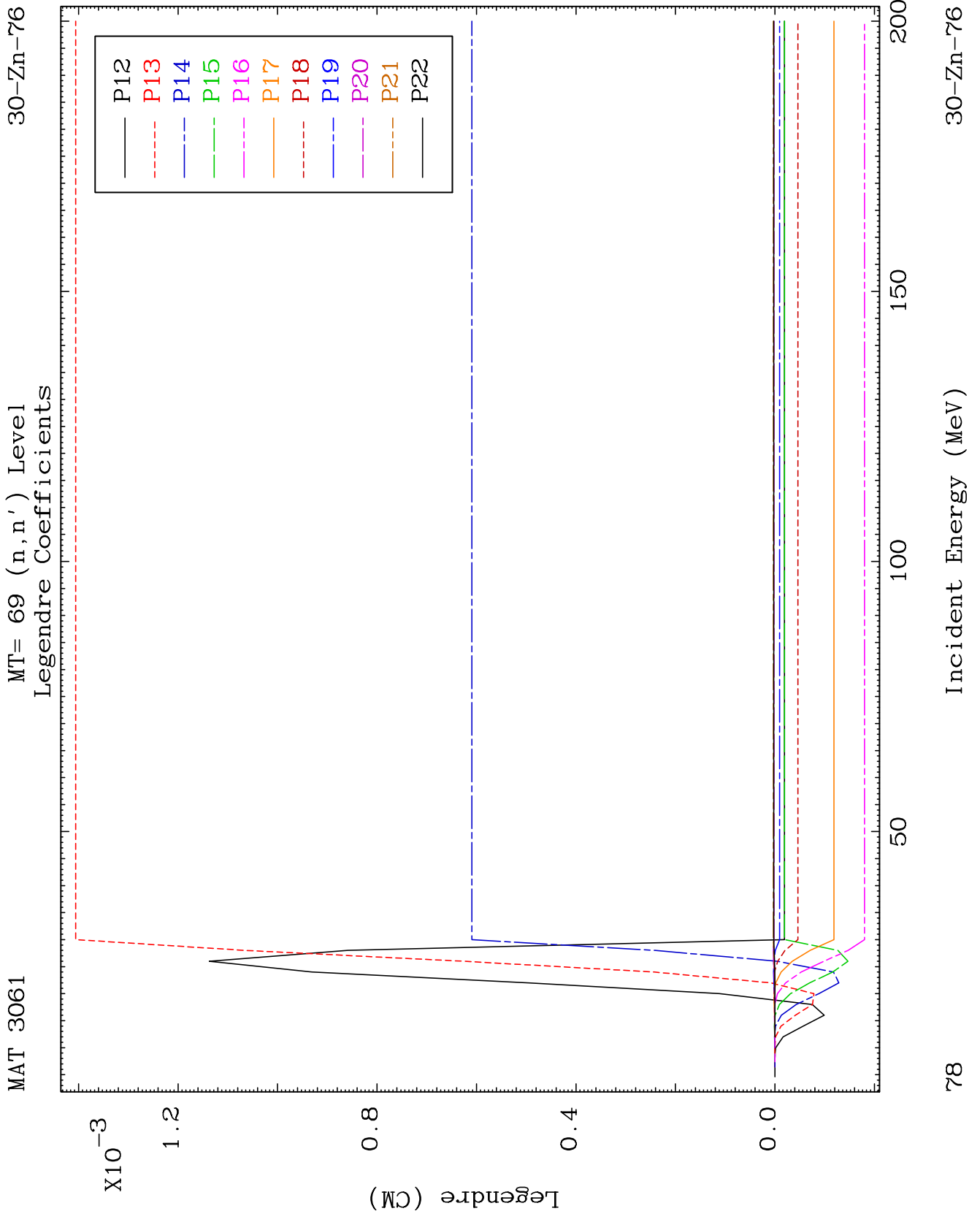
30-Zn-76

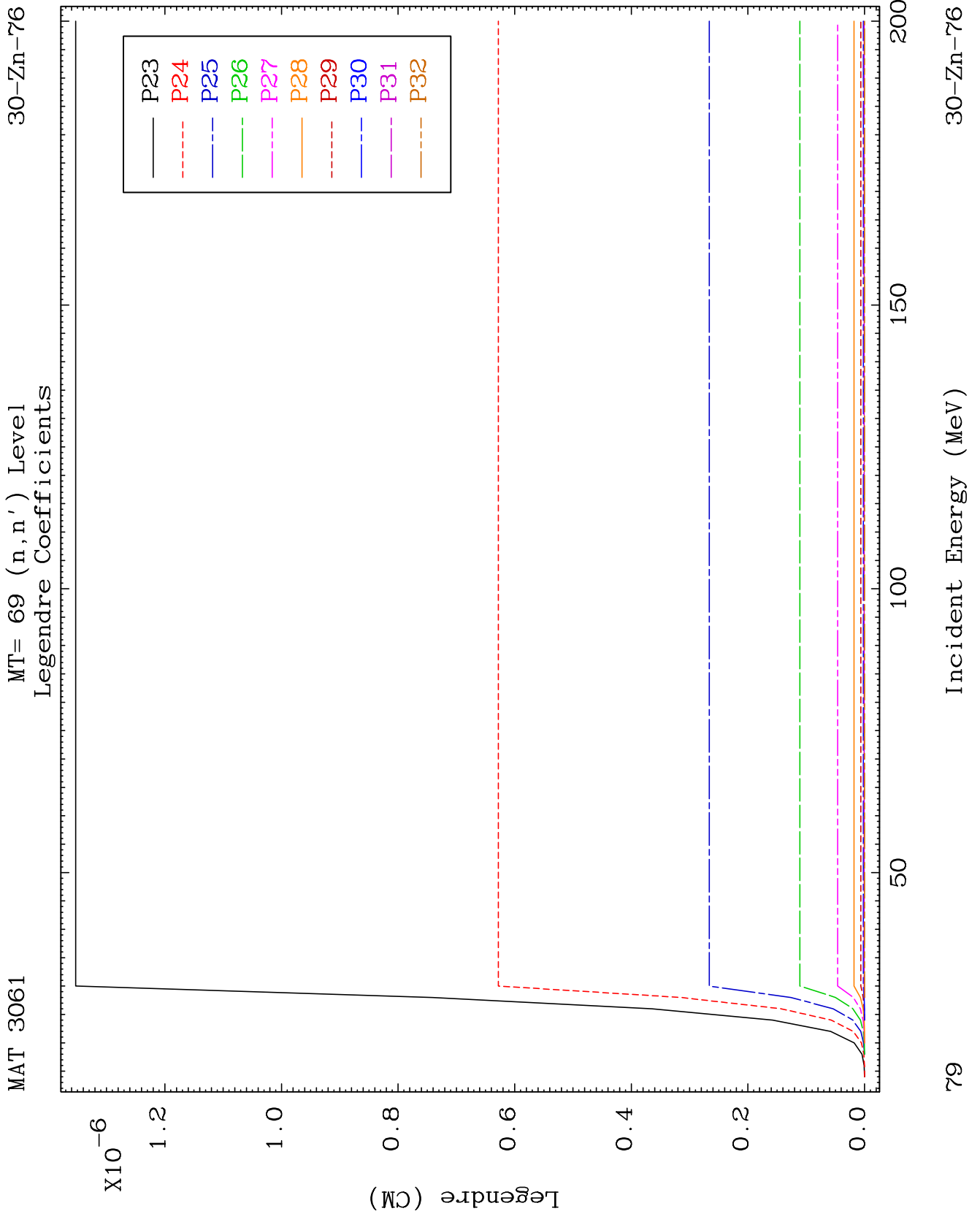


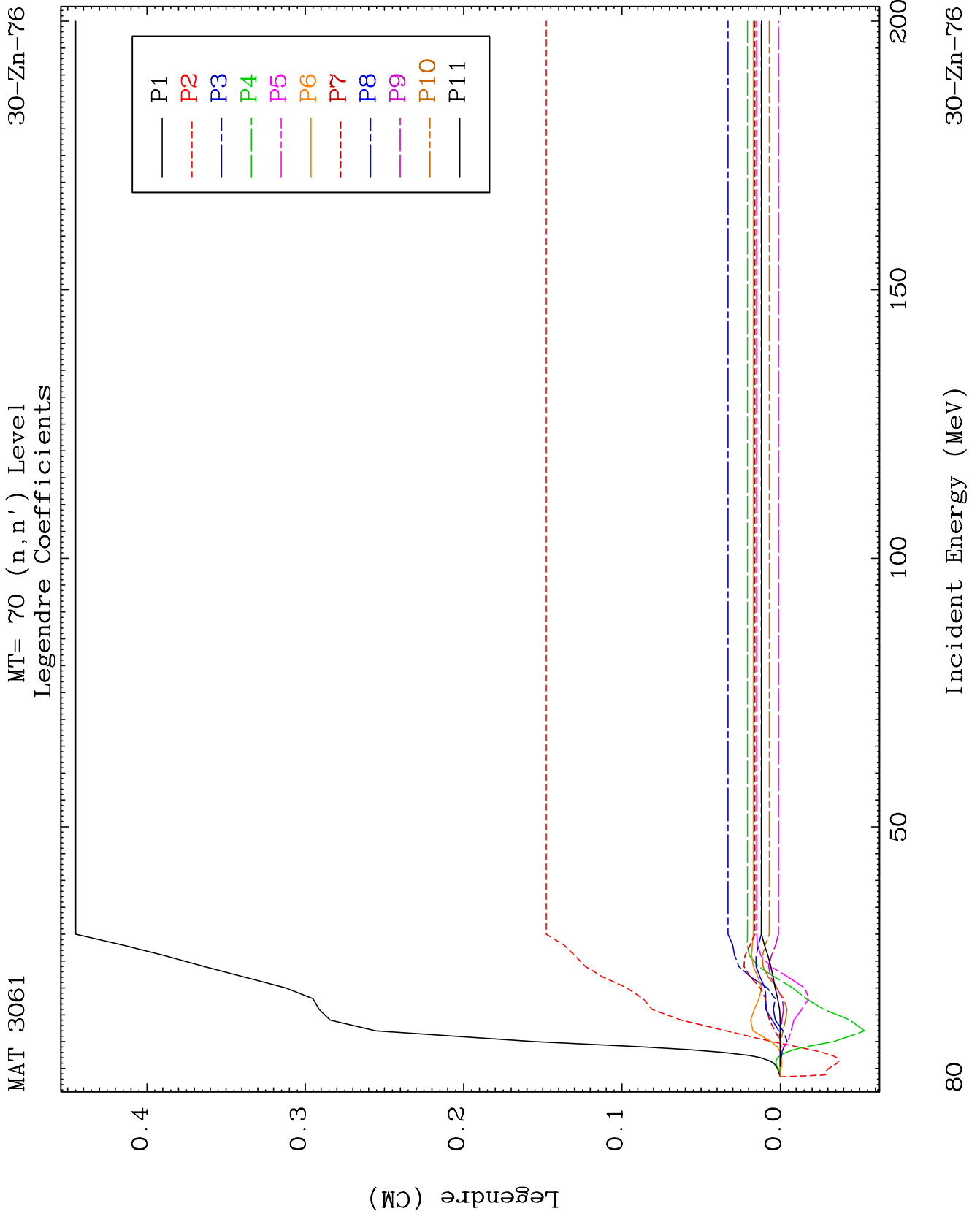
77

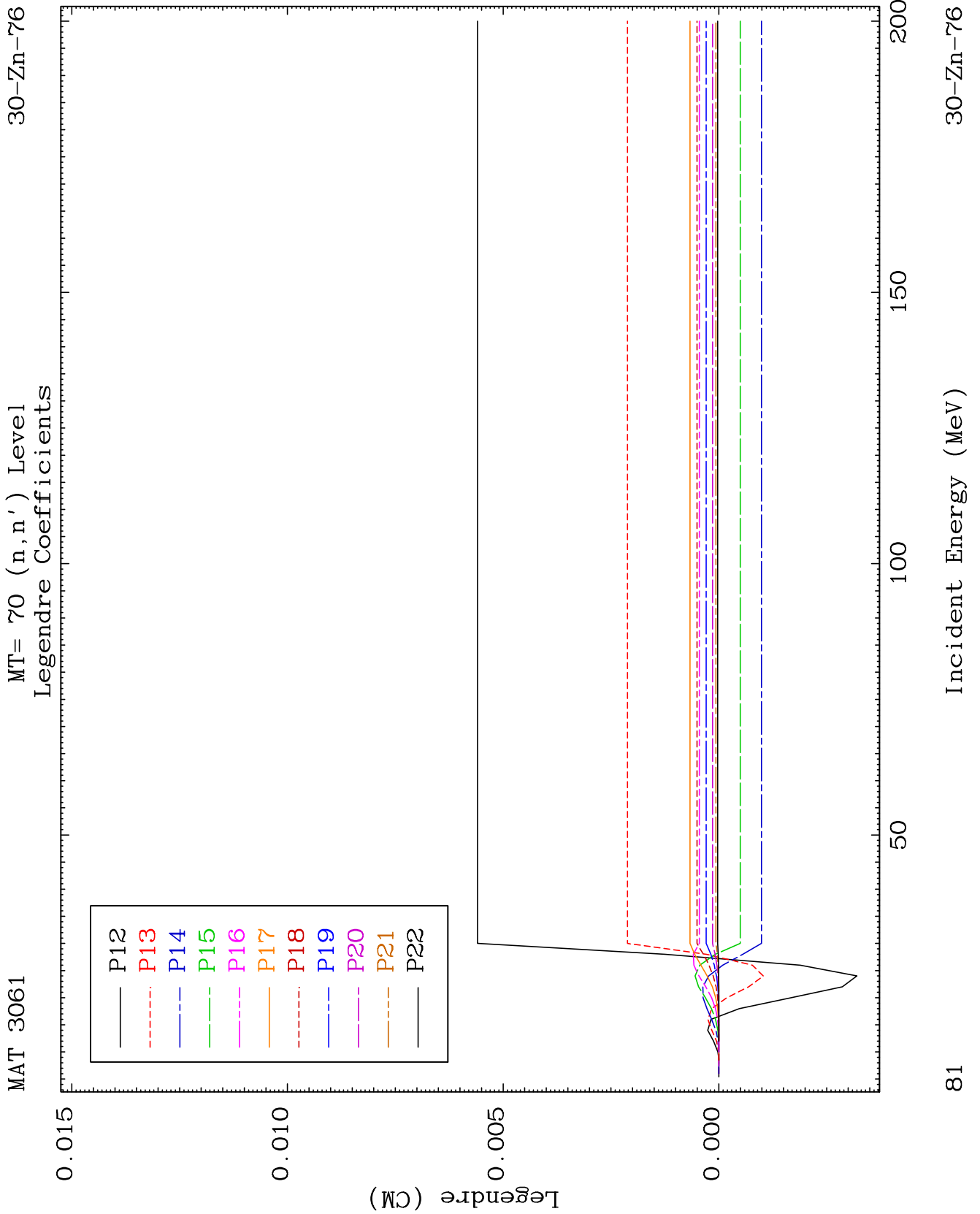
Incident Energy (MeV)

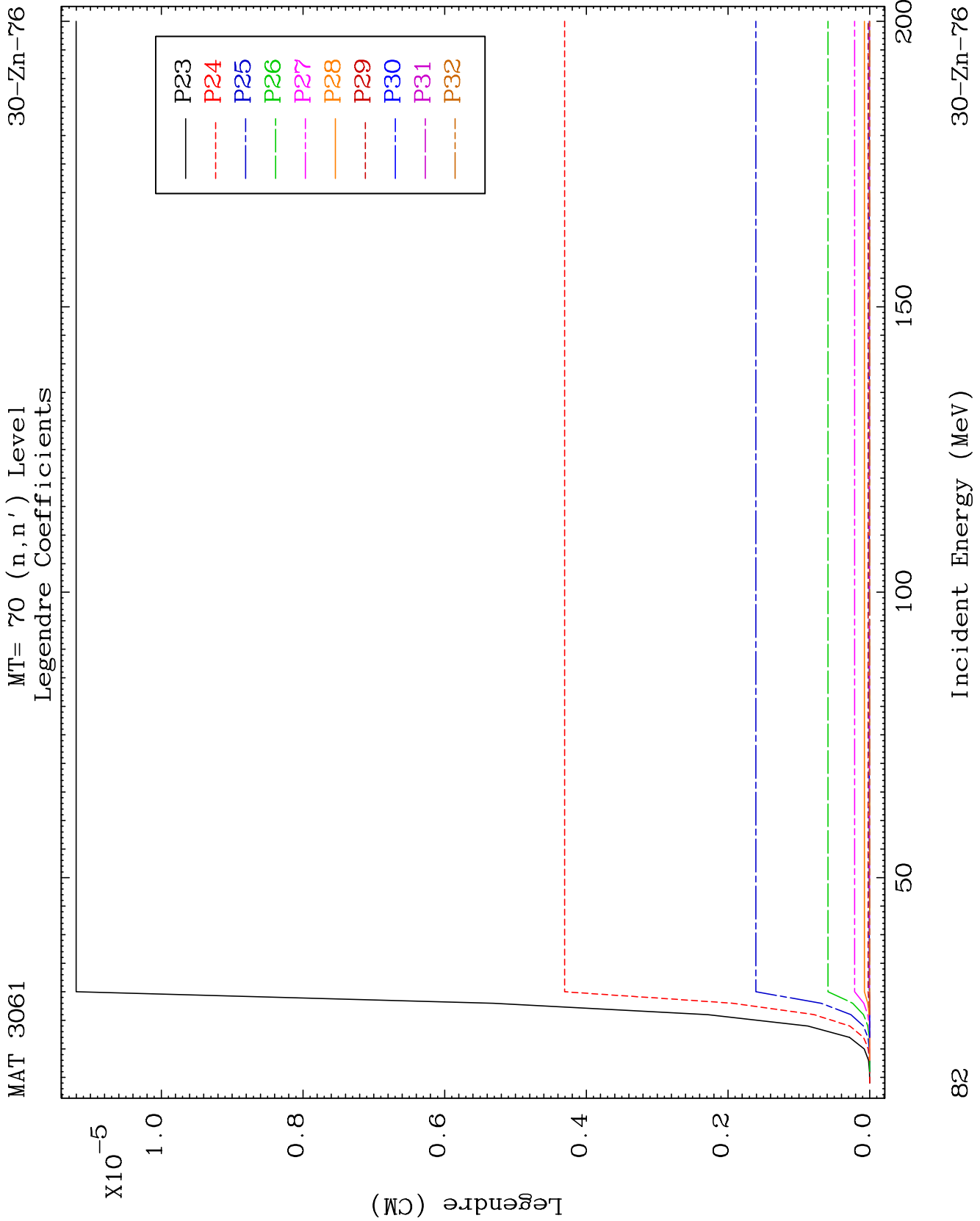
30-Zn-76

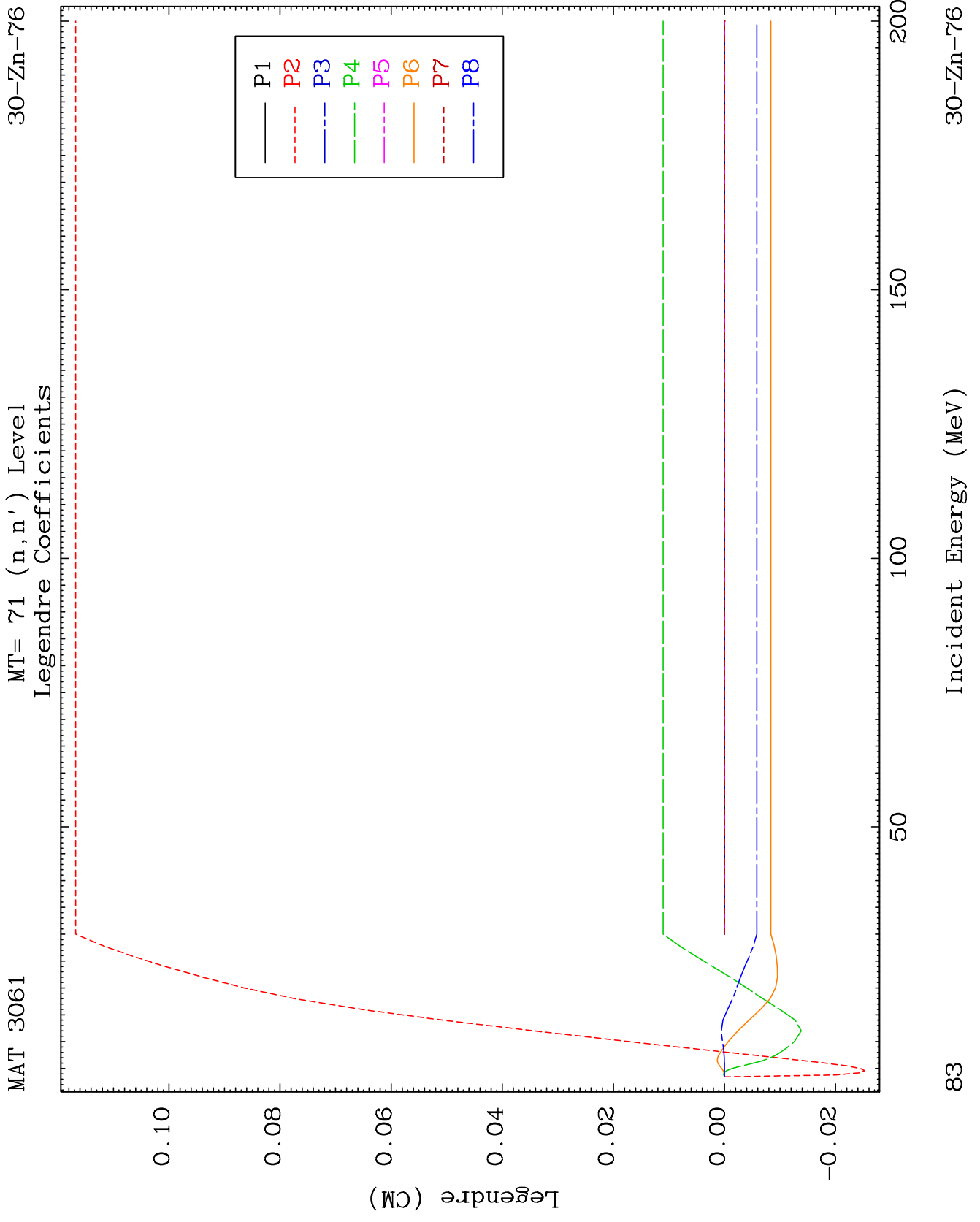








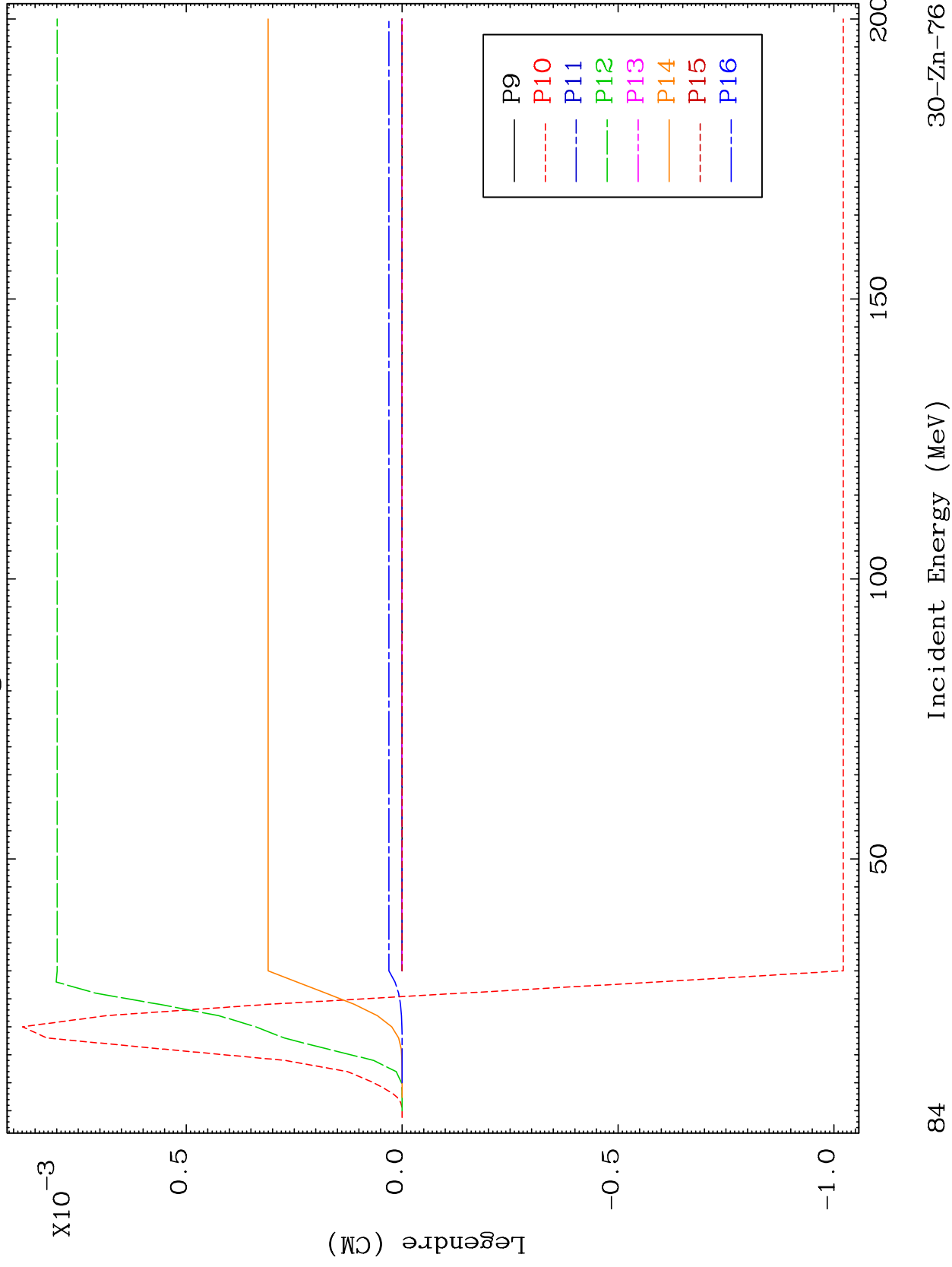




MAT 3061

MT= 71 (n,n') Level
Legendre Coefficients

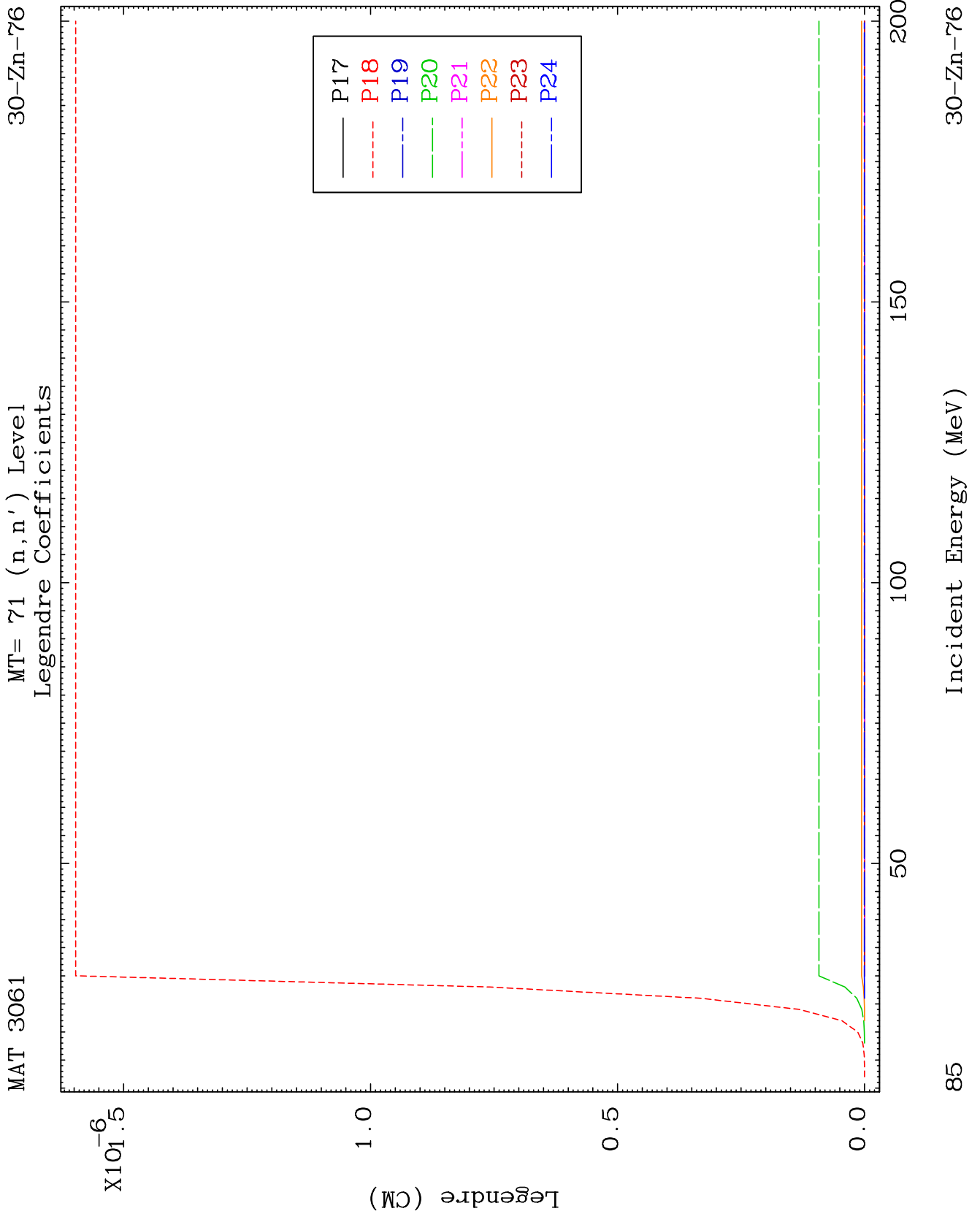
30-Zn-76

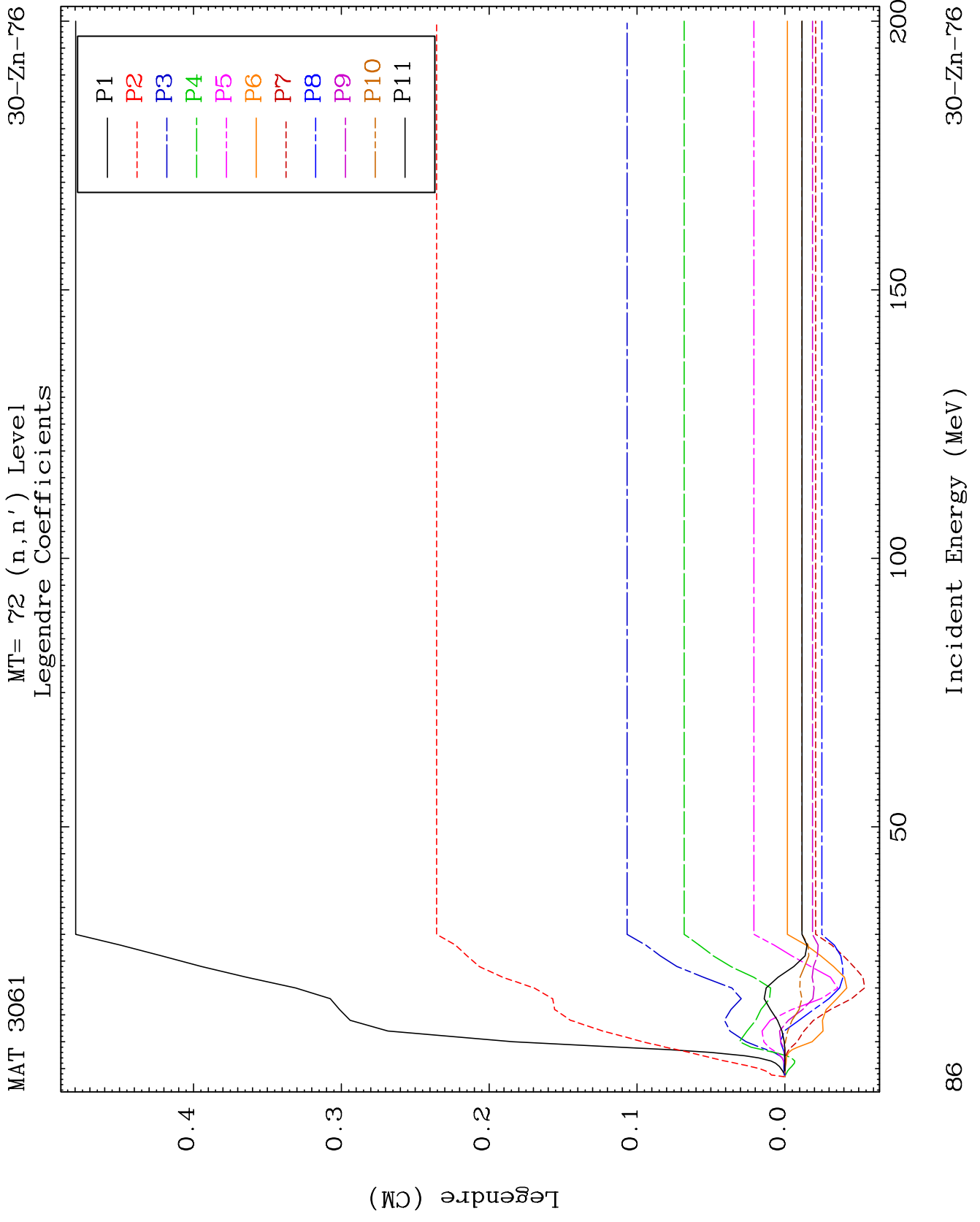


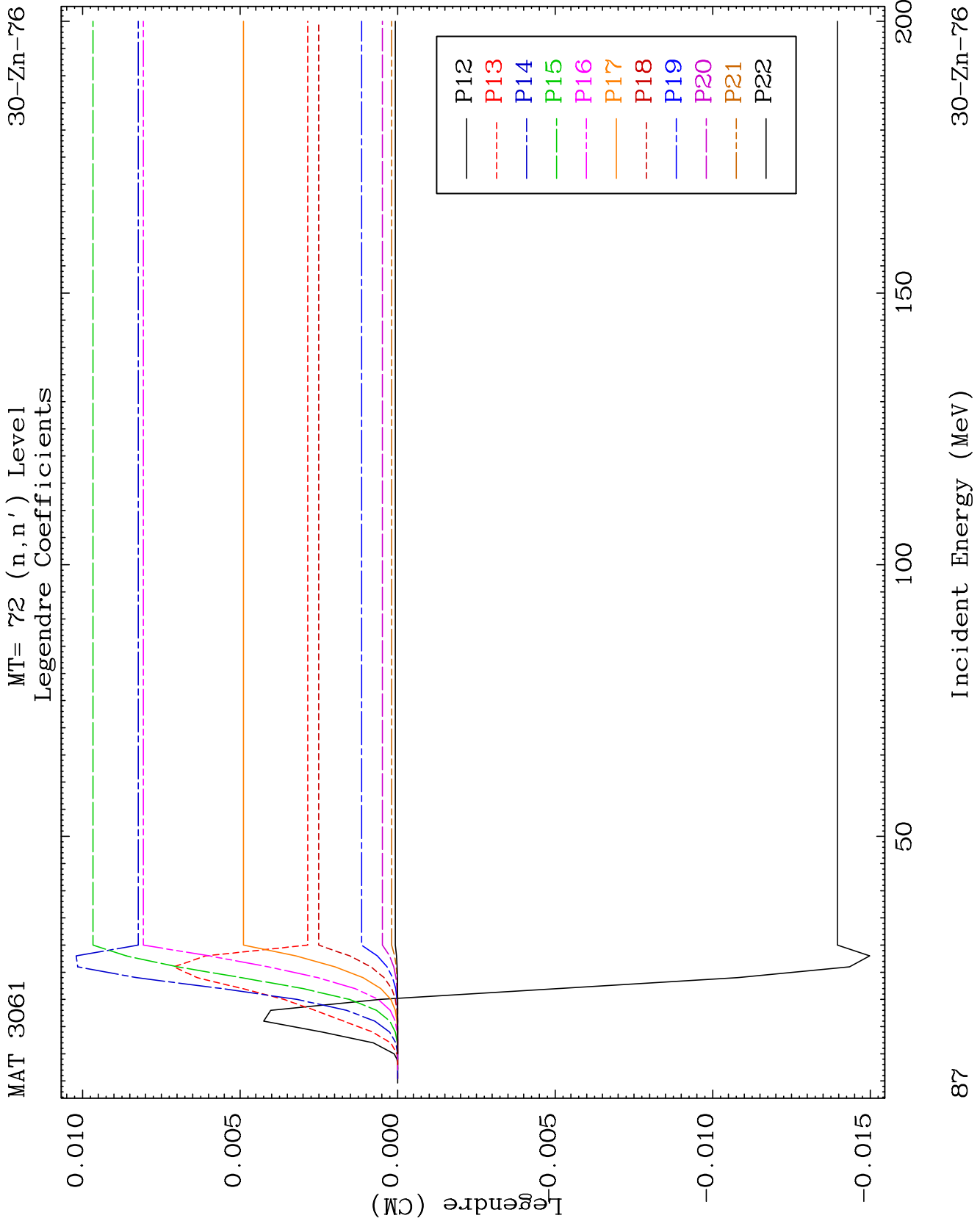
84

Incident Energy (MeV)

30-Zn-76



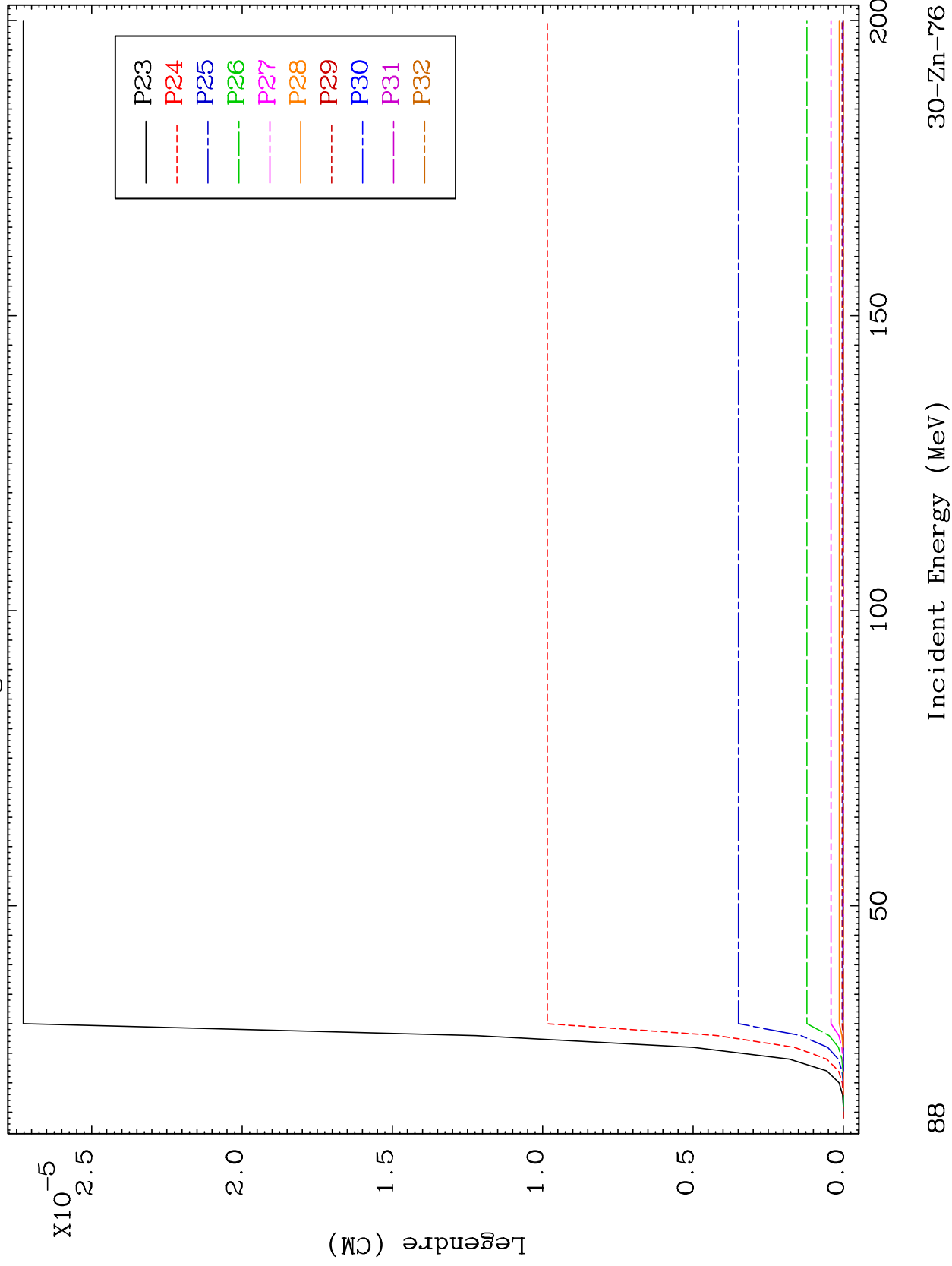




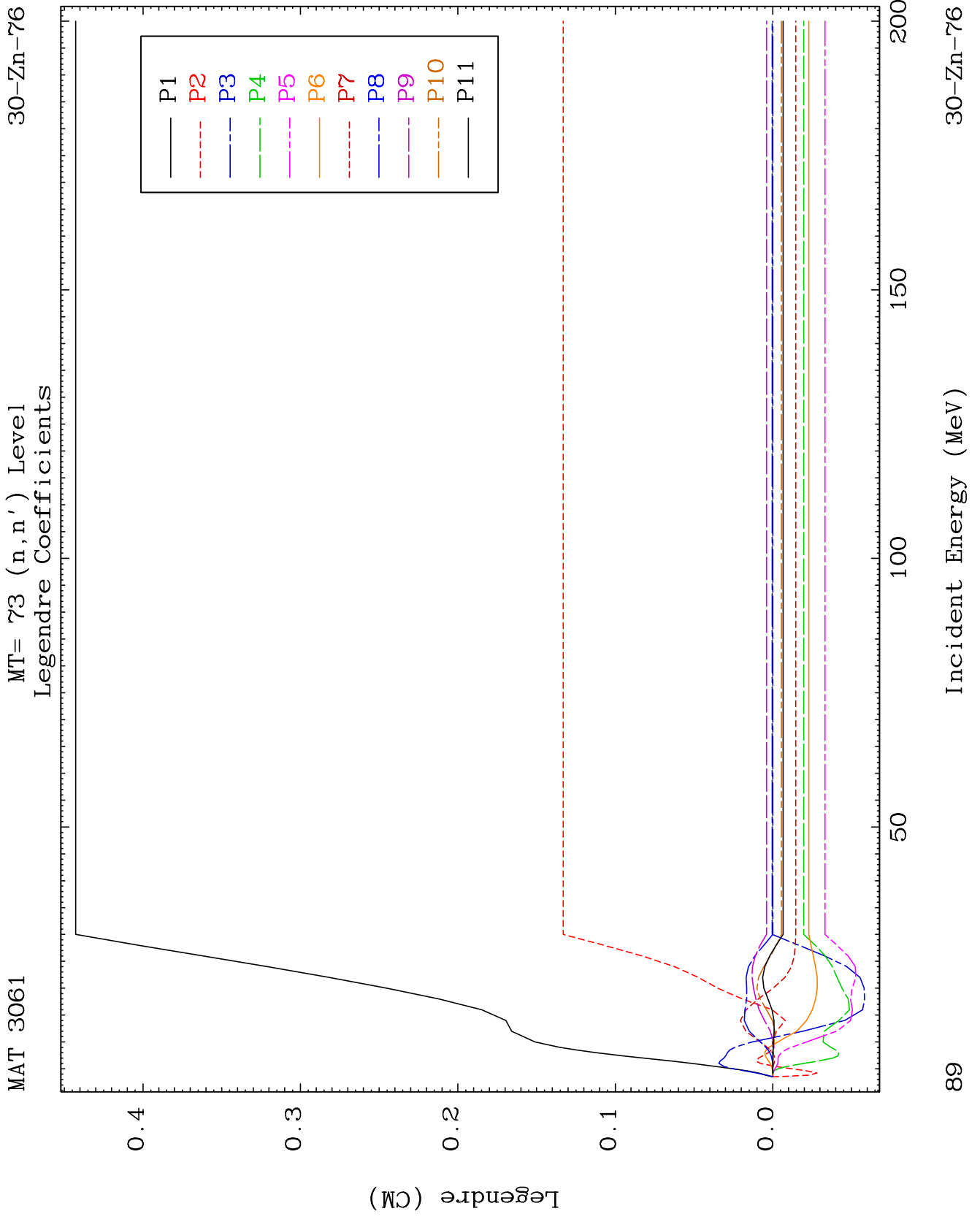
MAT 3061

MT= 72 (n,n') Level
Legendre Coefficients

30-Zn-76



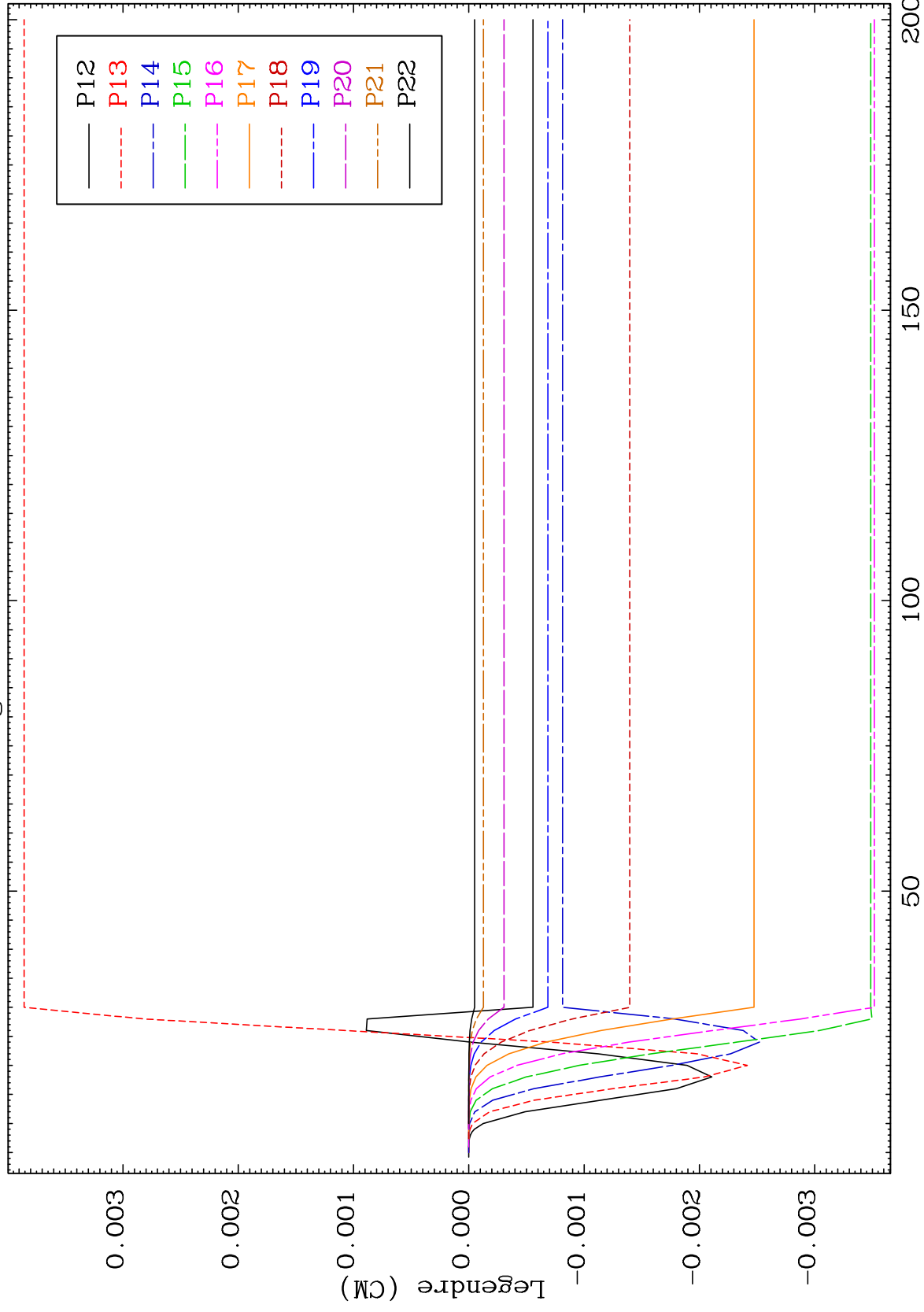
88



MAT 3061

MT= 73 (n,n') Level
Legendre Coefficients

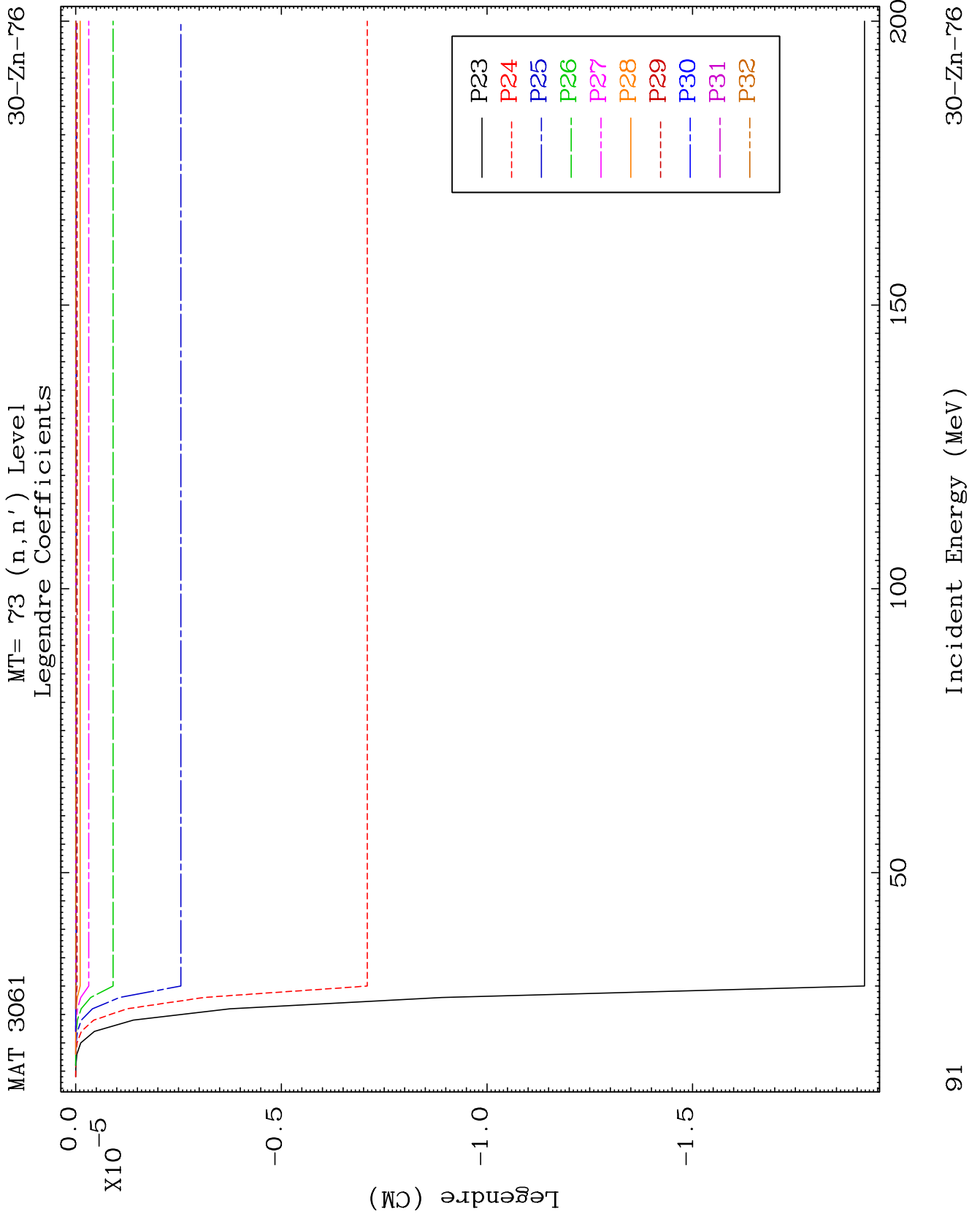
30-Zn-76

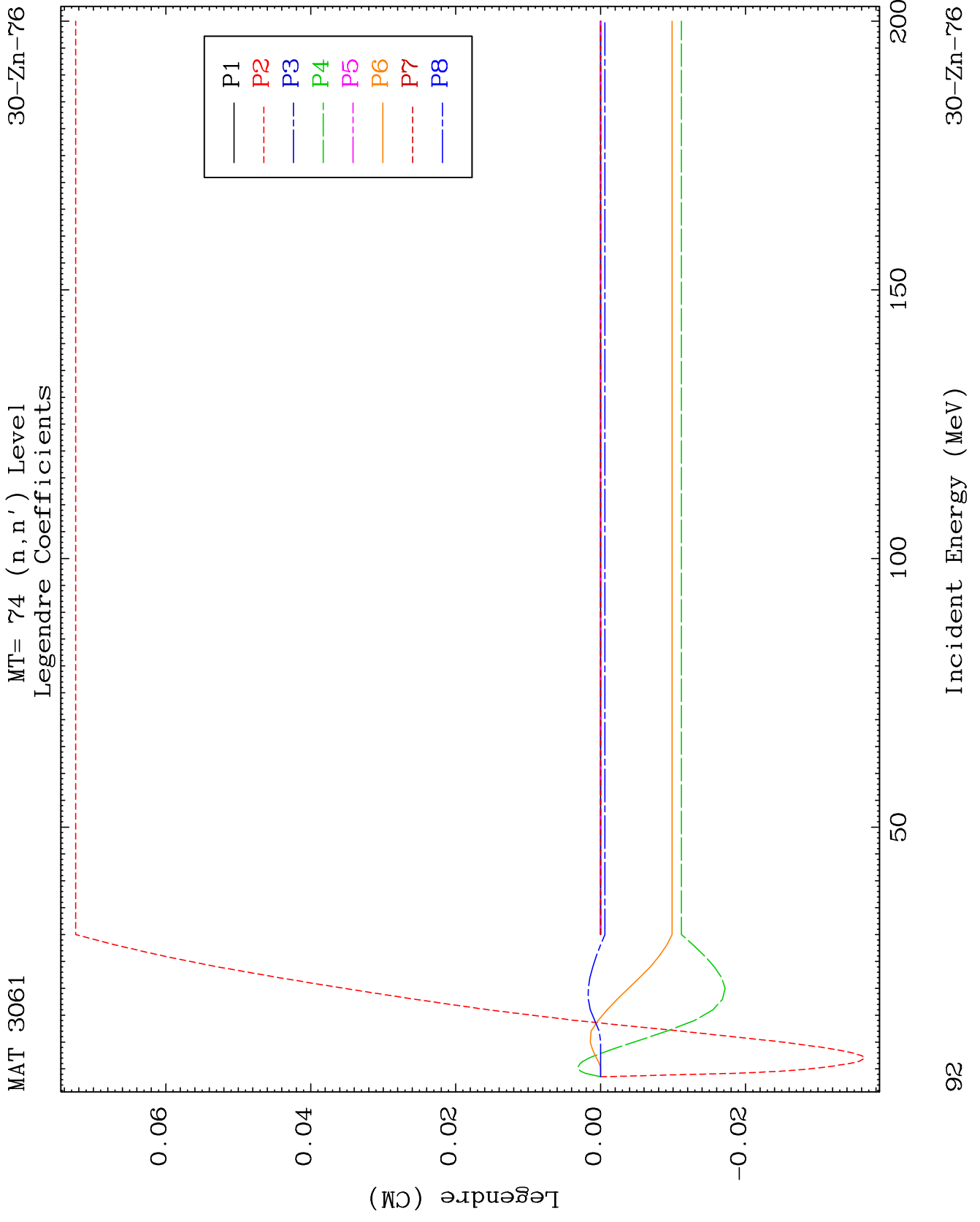


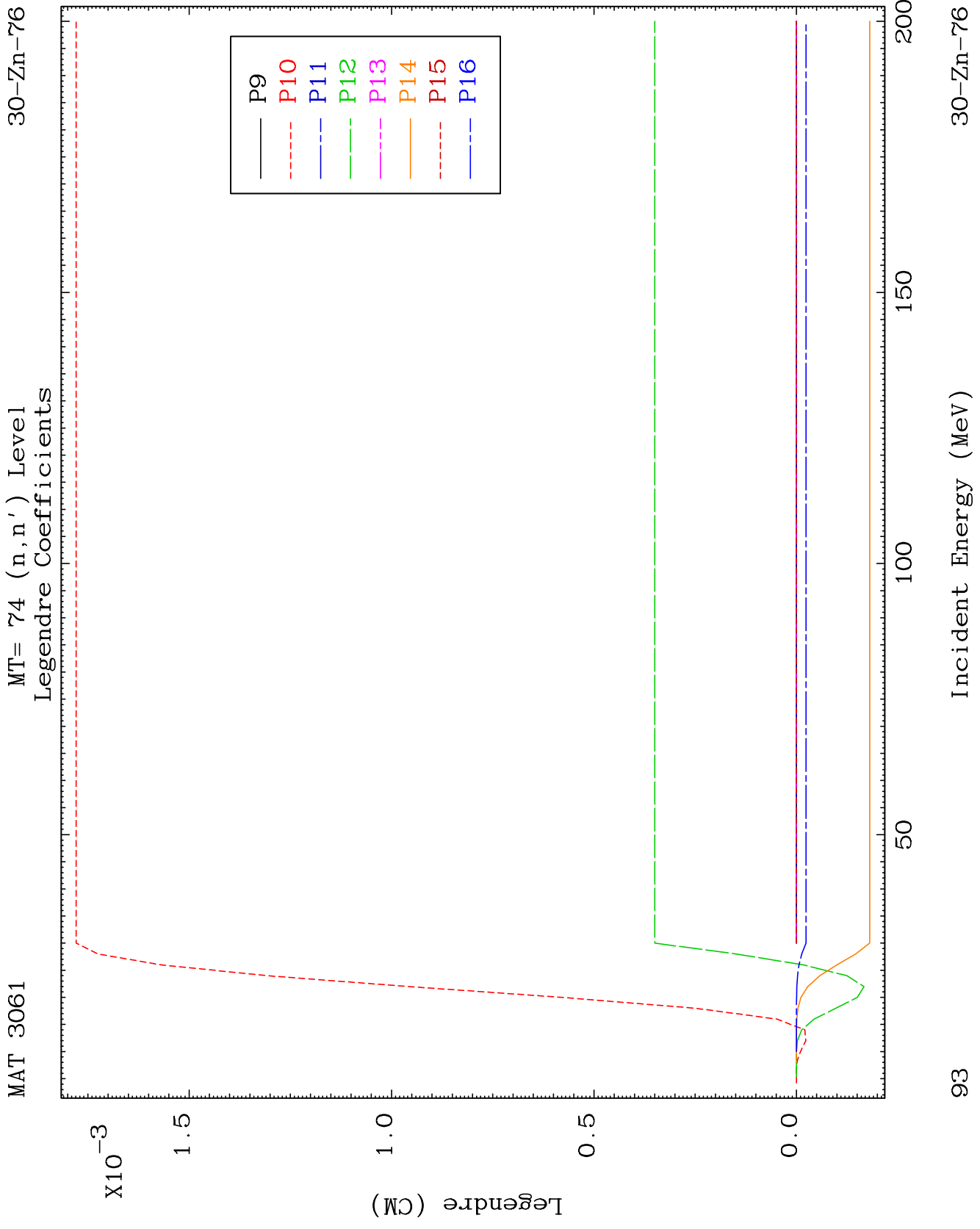
90

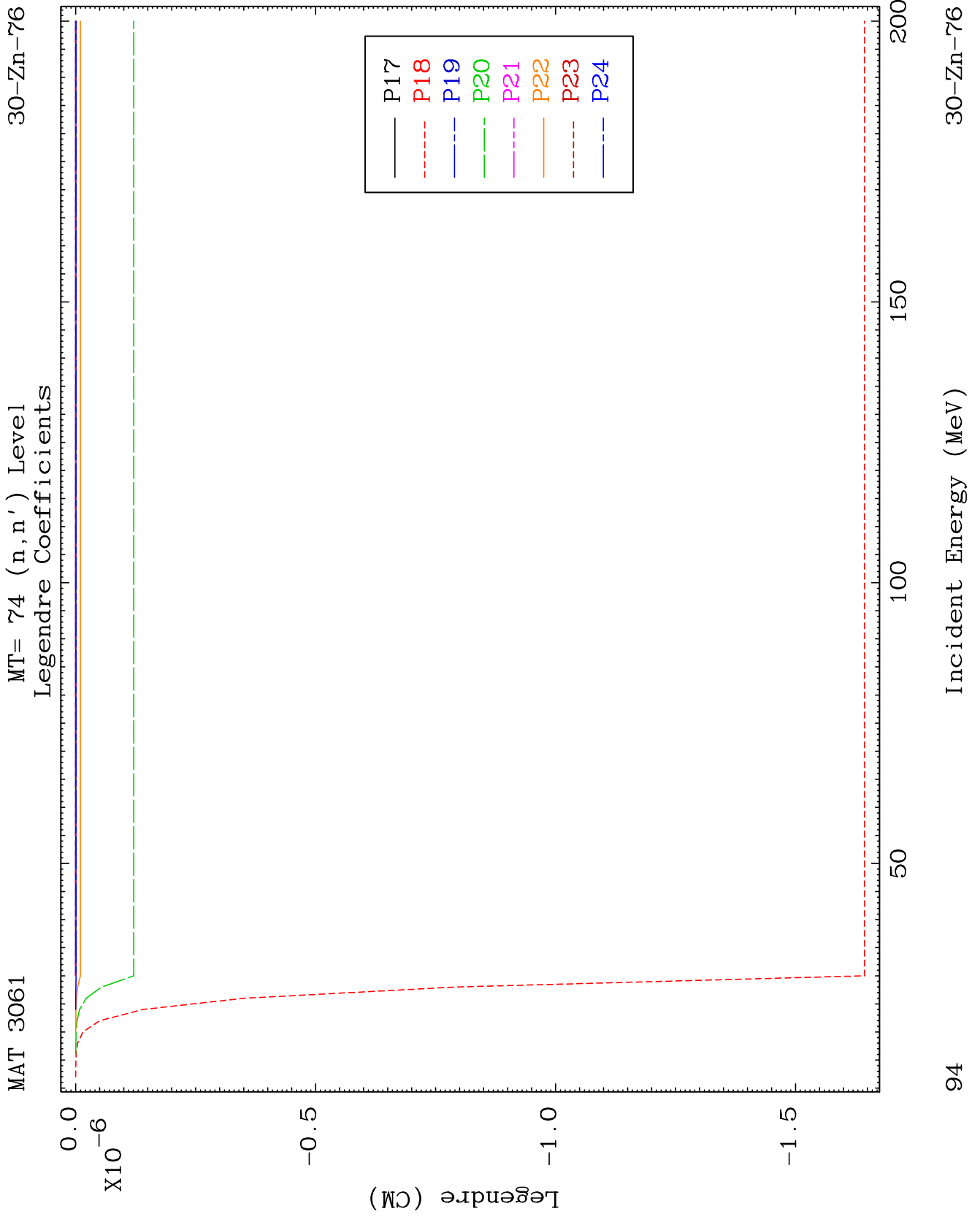
Incident Energy (MeV)

30-Zn-76





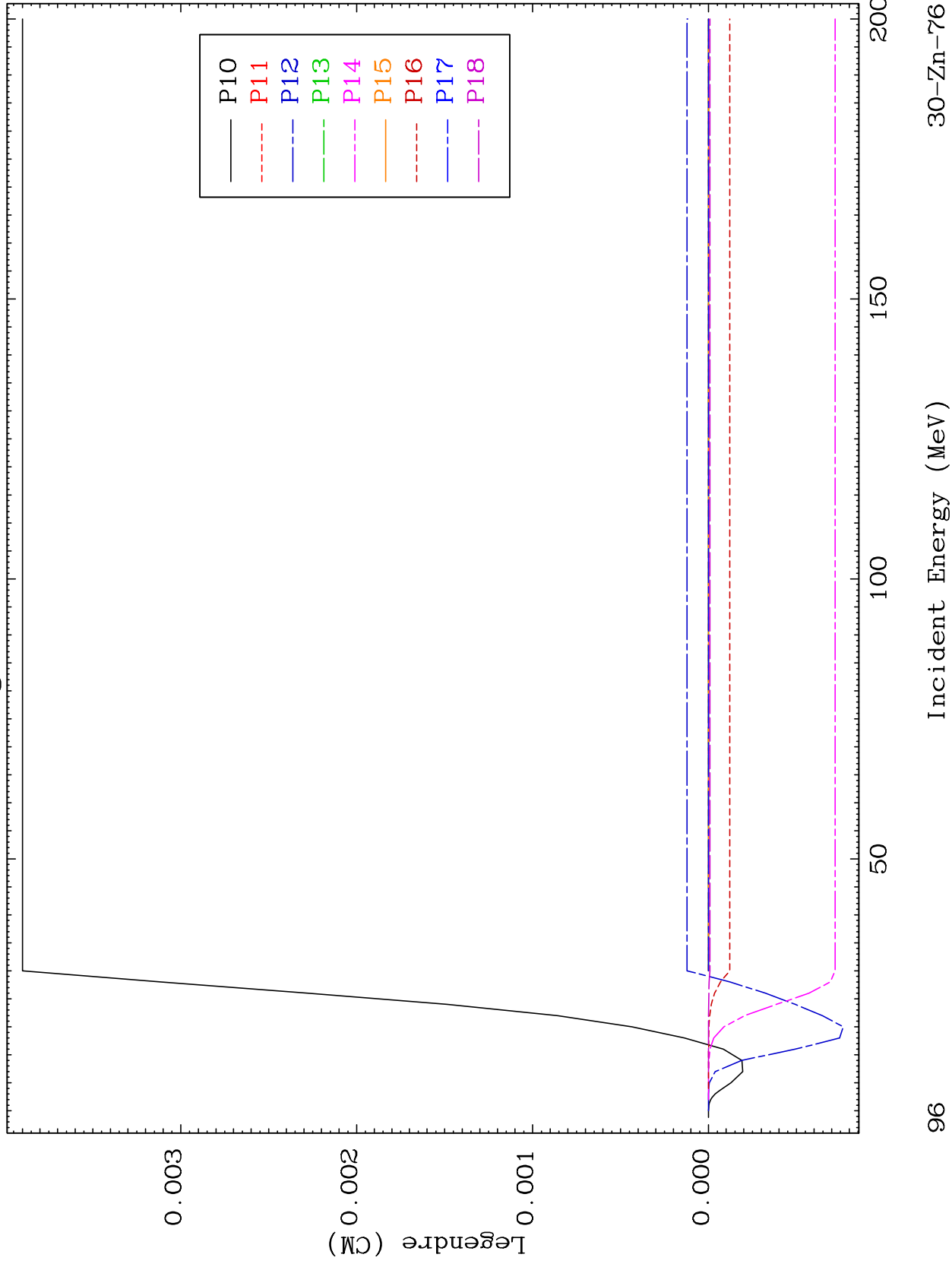




MAT 3061

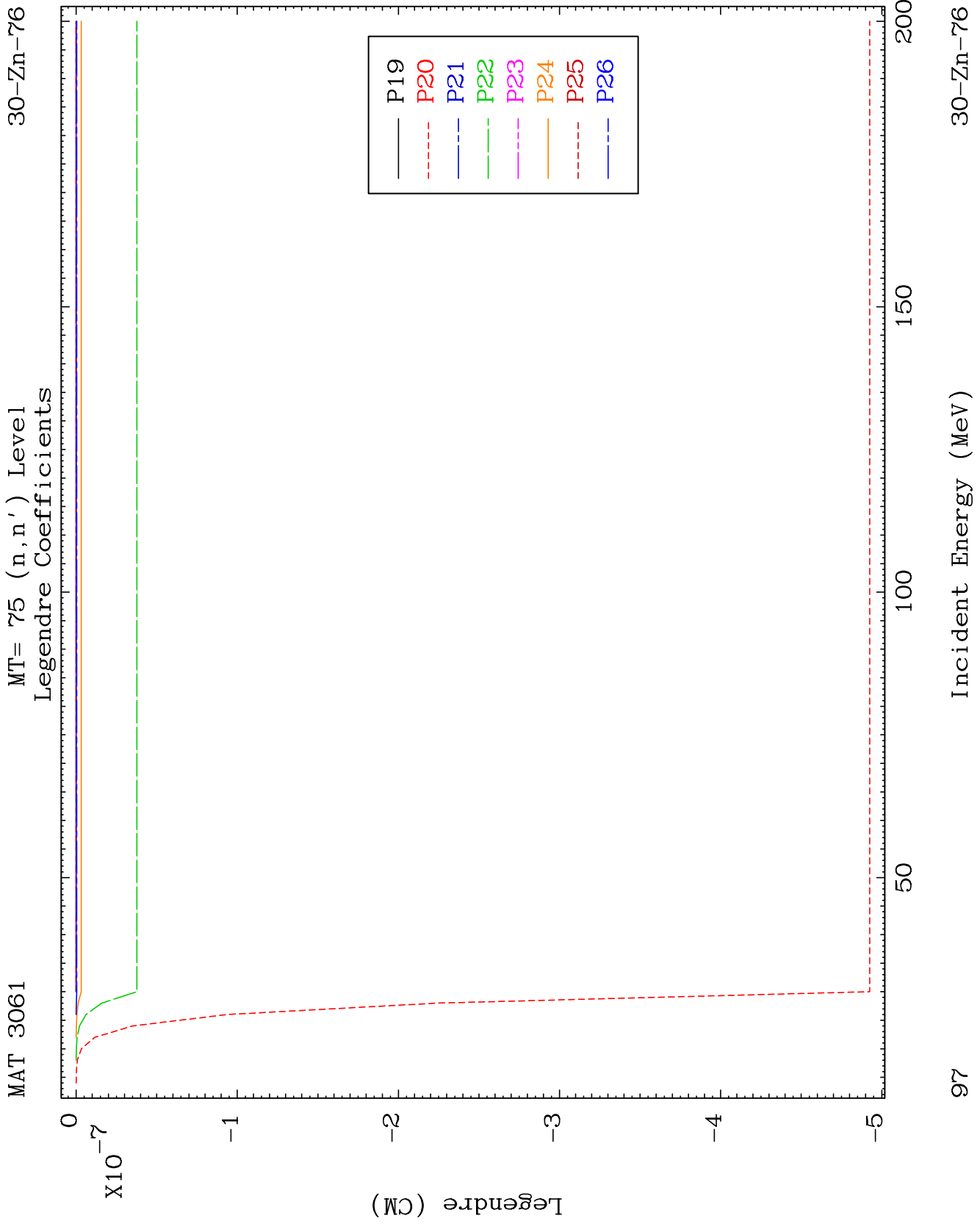
MT= 75 (n,n') Level
Legendre Coefficients

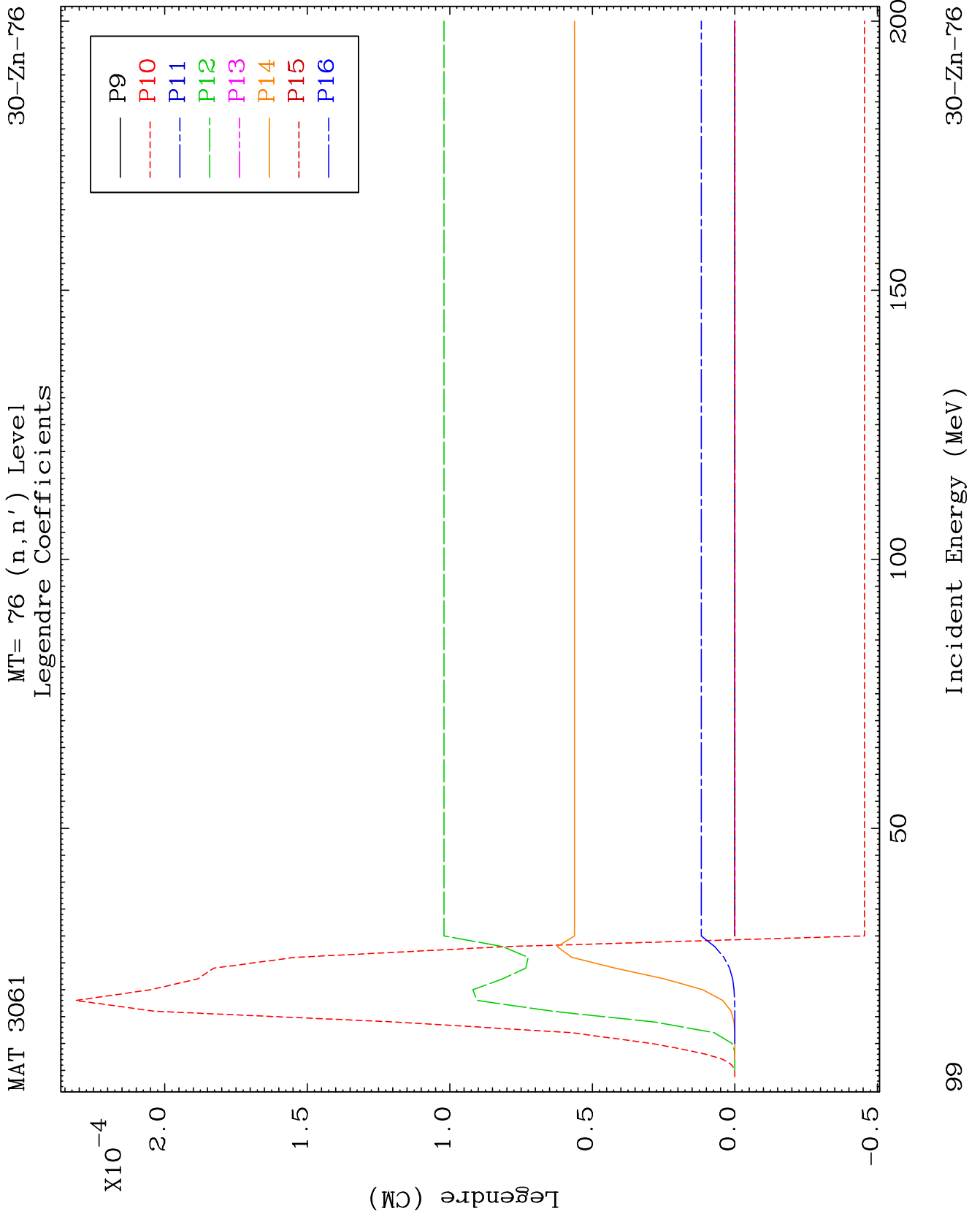
30-Zn-76

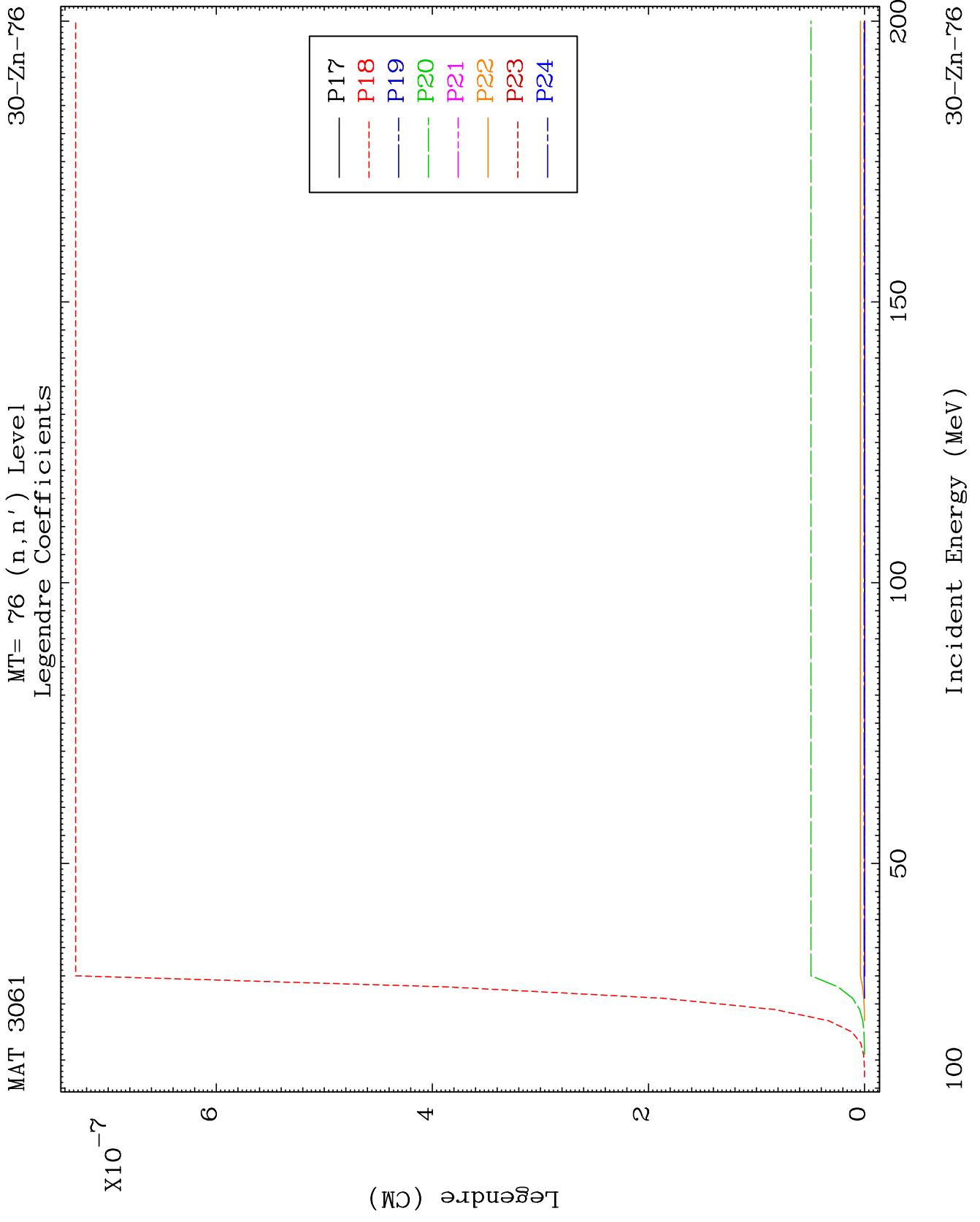


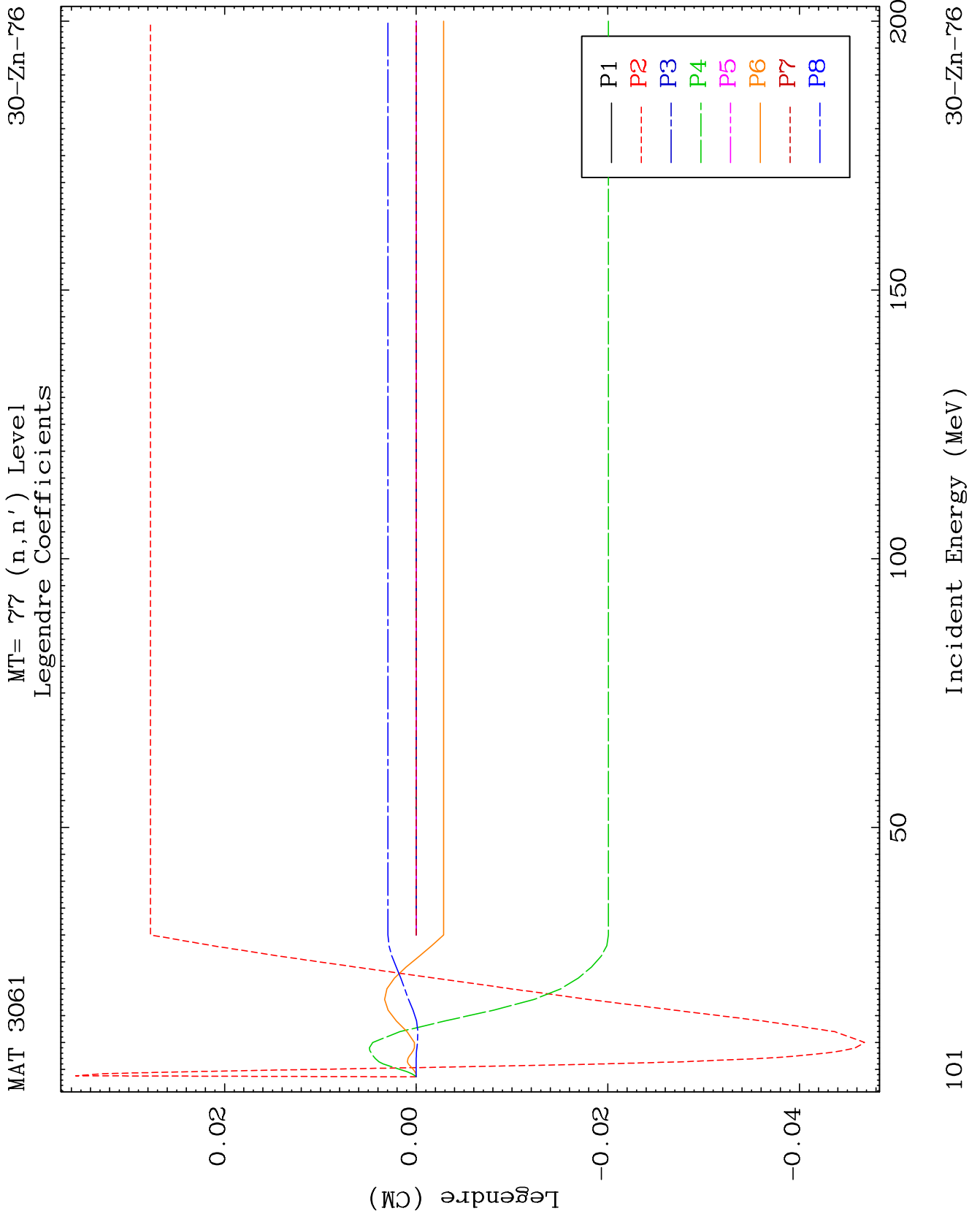
96

30-Zn-76





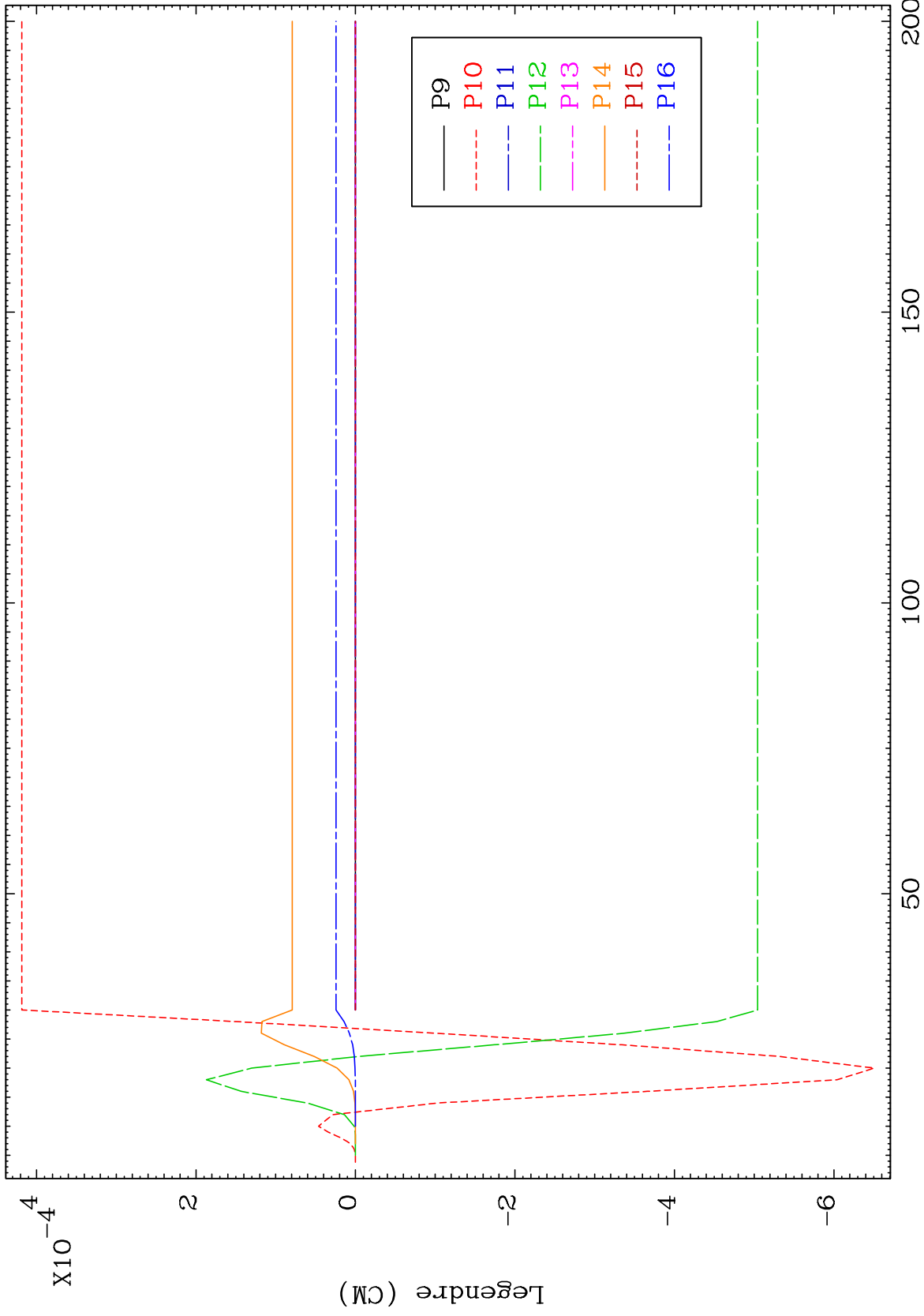




MAT 3061

MT= 77 (n,n') Level
Legendre Coefficients

30-Zn-76



102

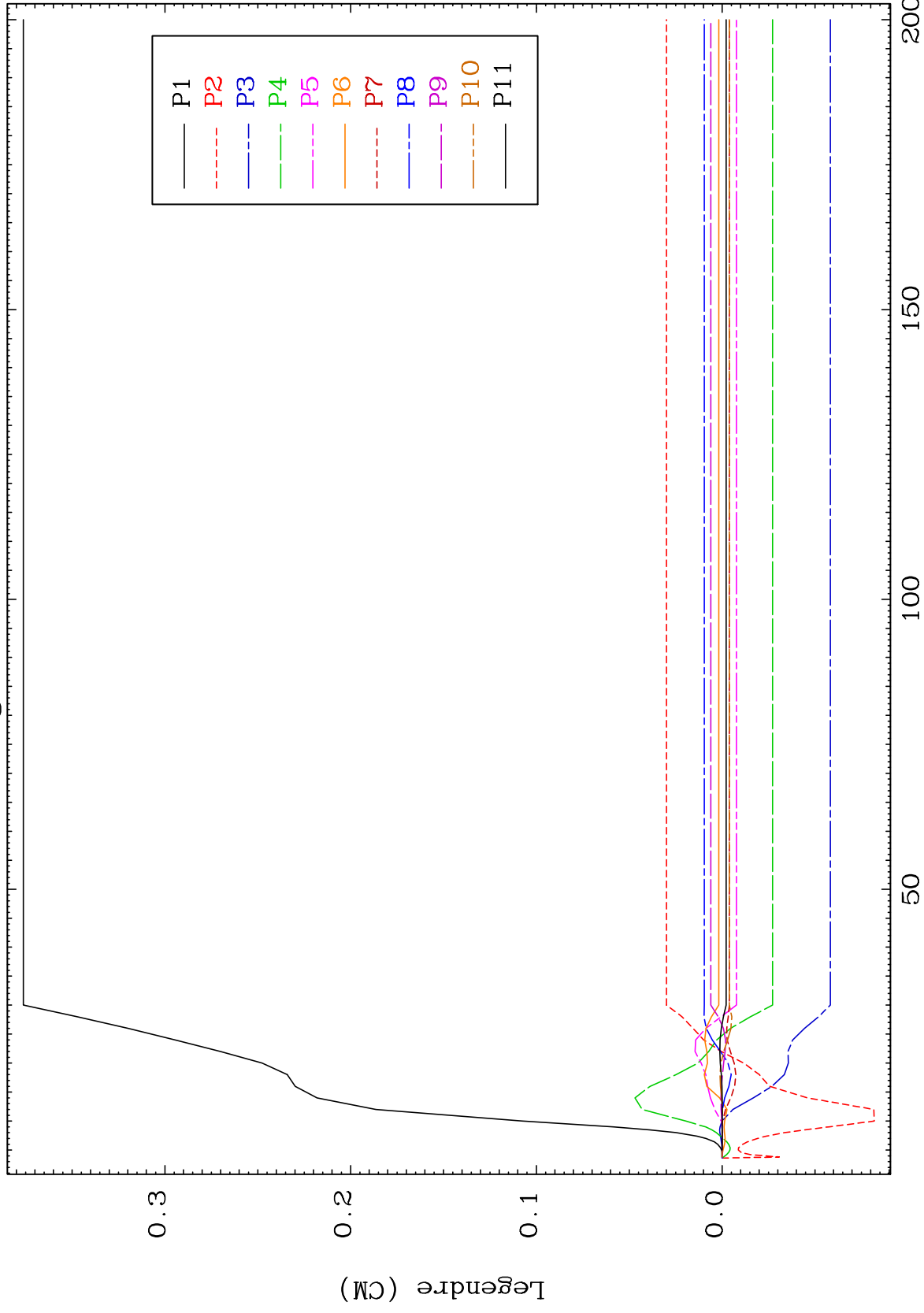
Incident Energy (MeV)

30-Zn-76

MAT 3061

MT= 78 (n,n') Level
Legendre Coefficients

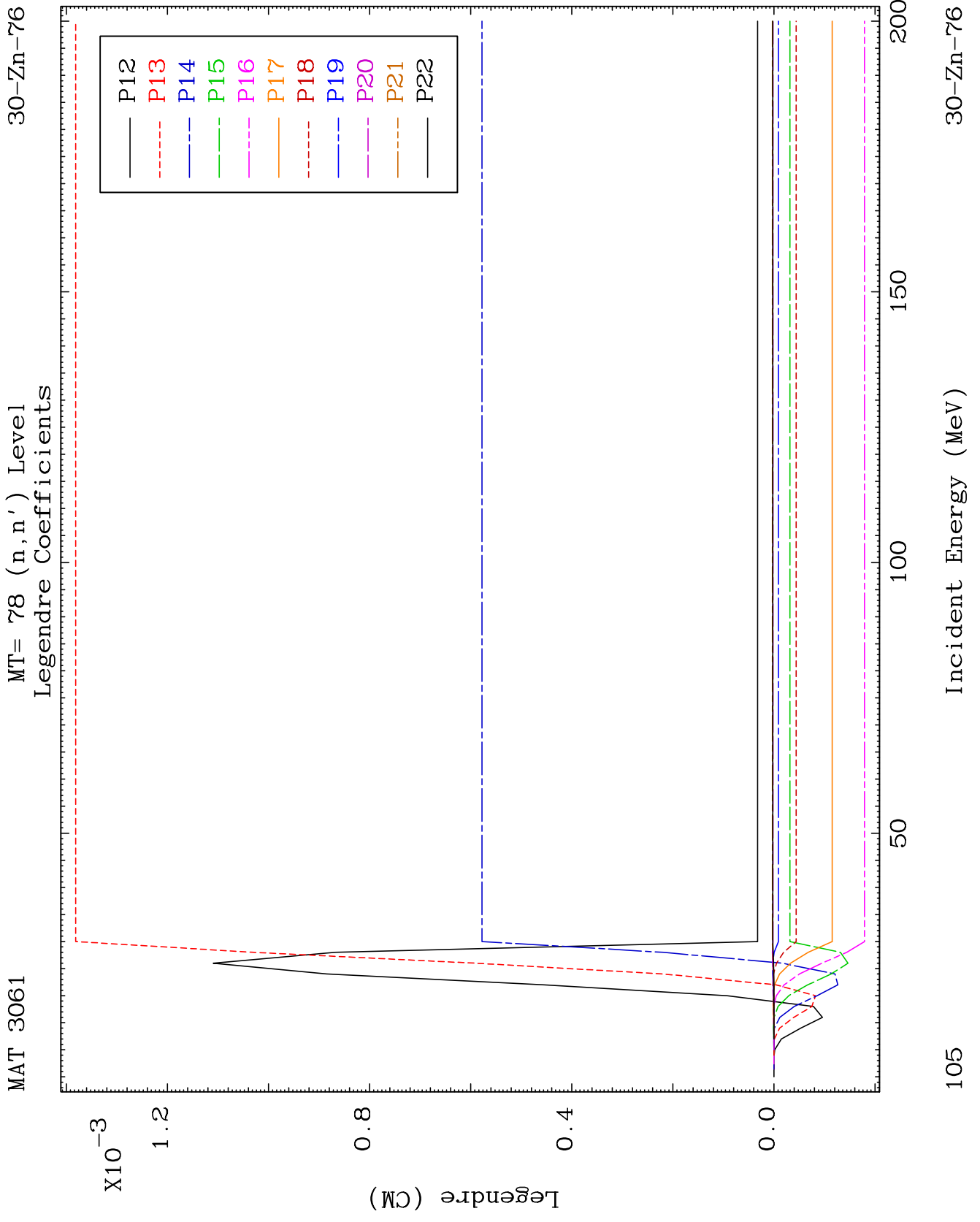
30-Zn-76

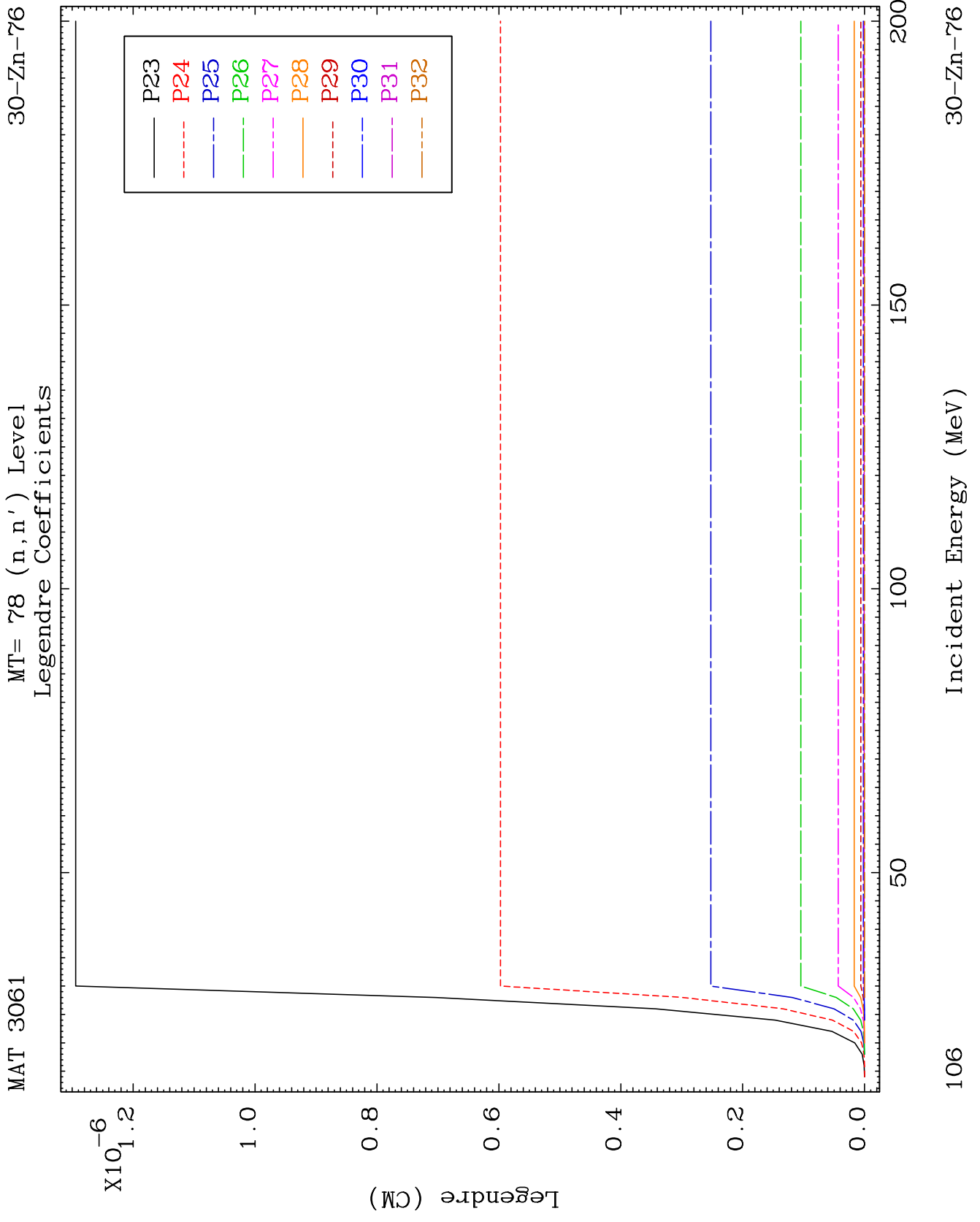


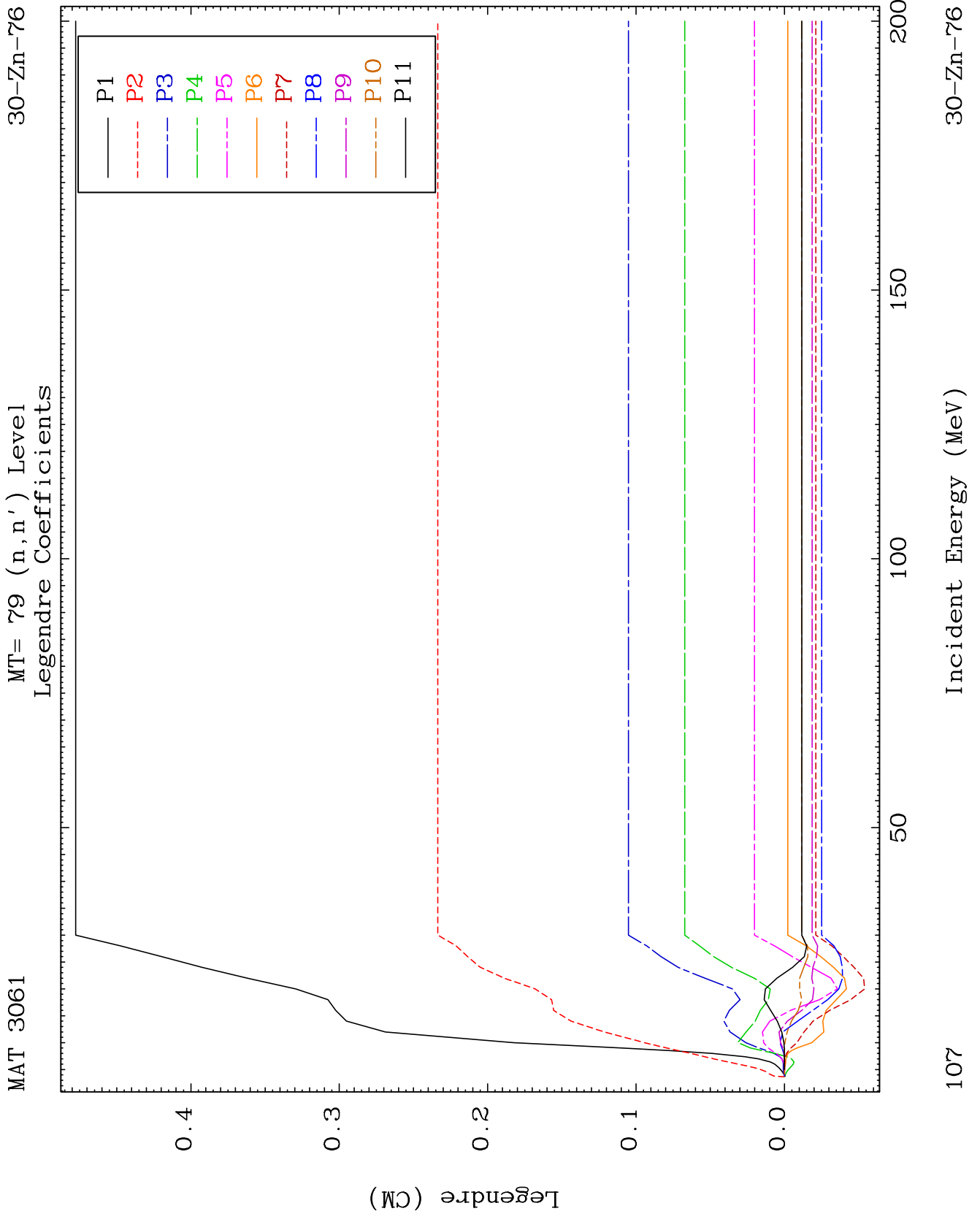
104

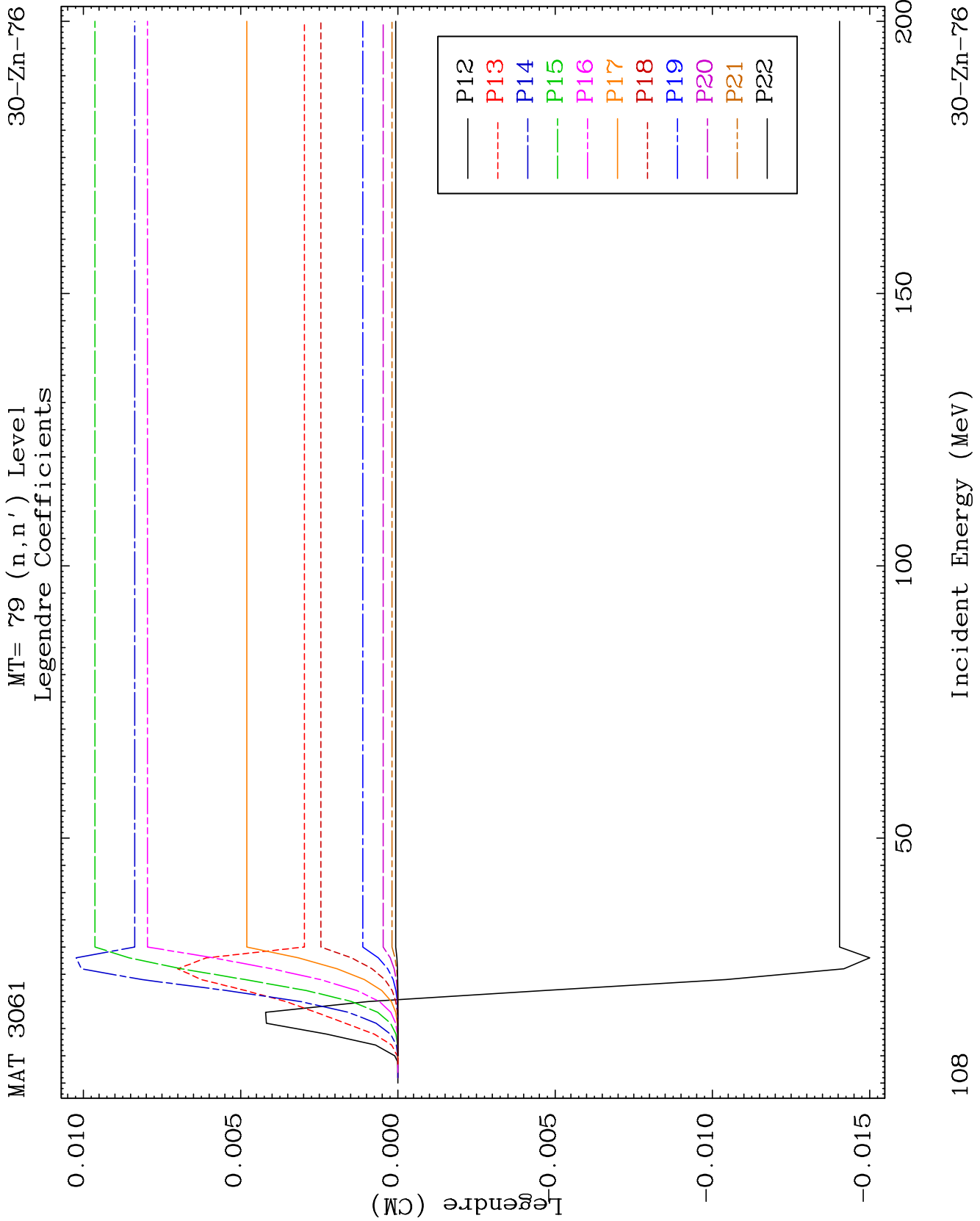
Incident Energy (MeV)

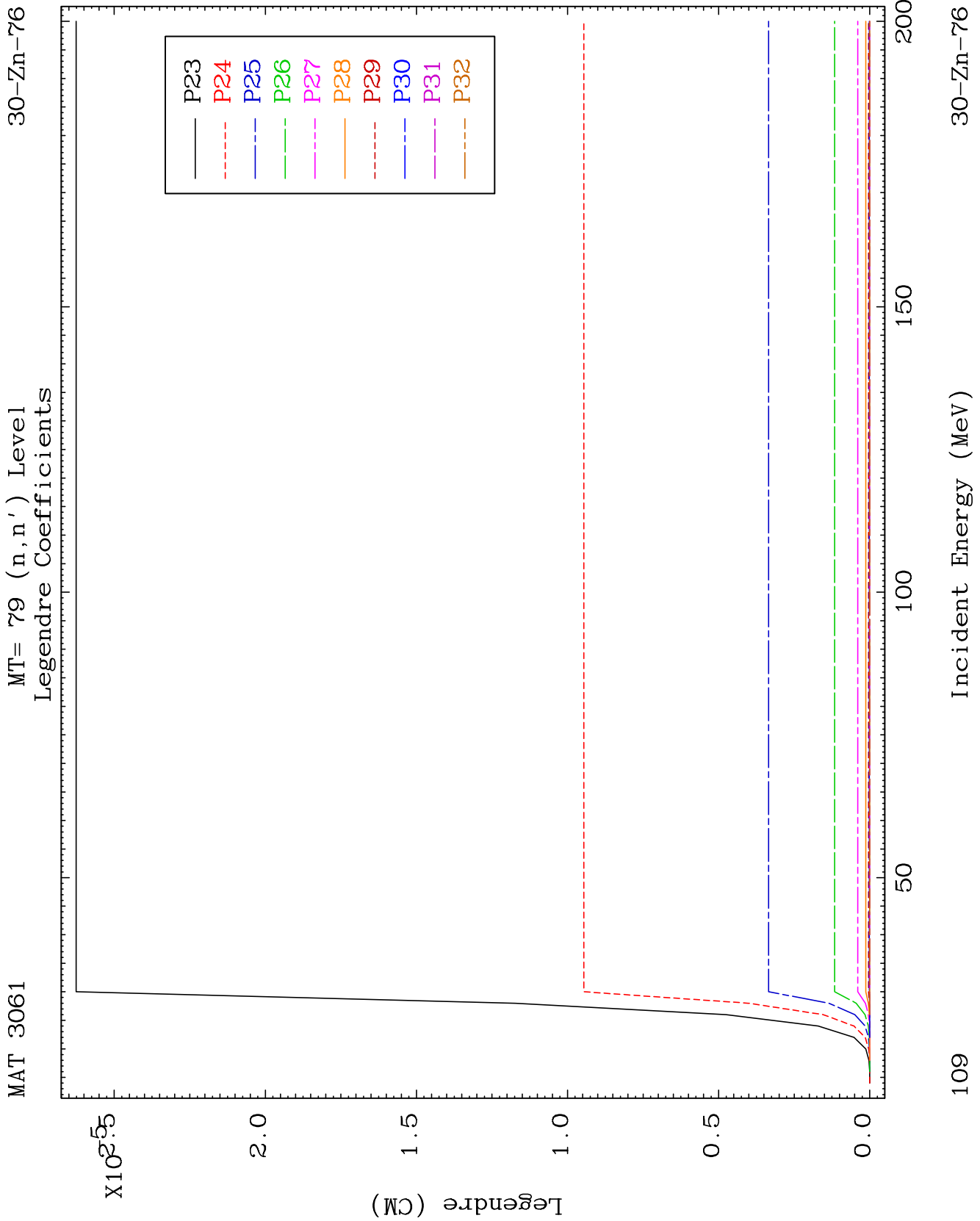
30-Zn-76

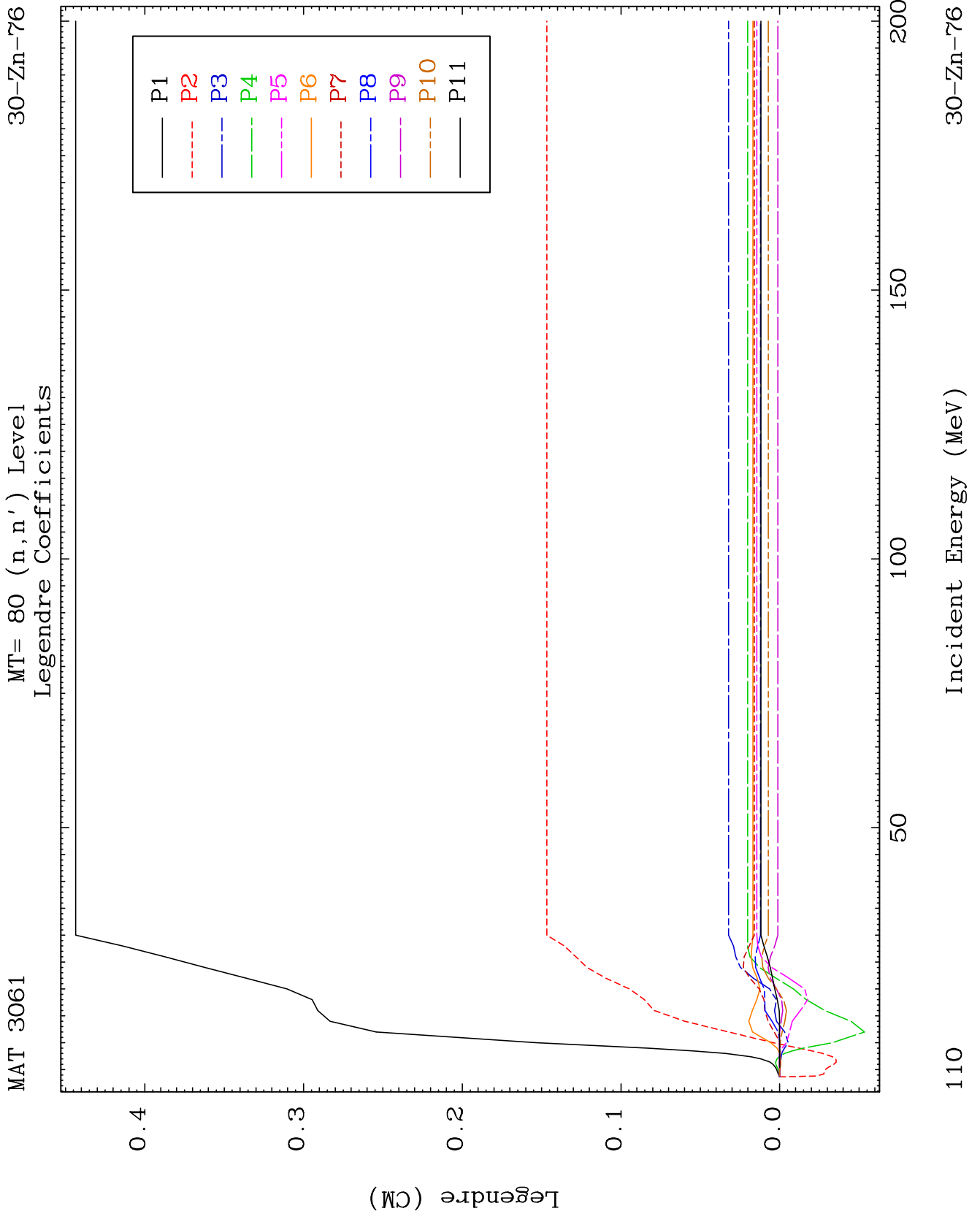








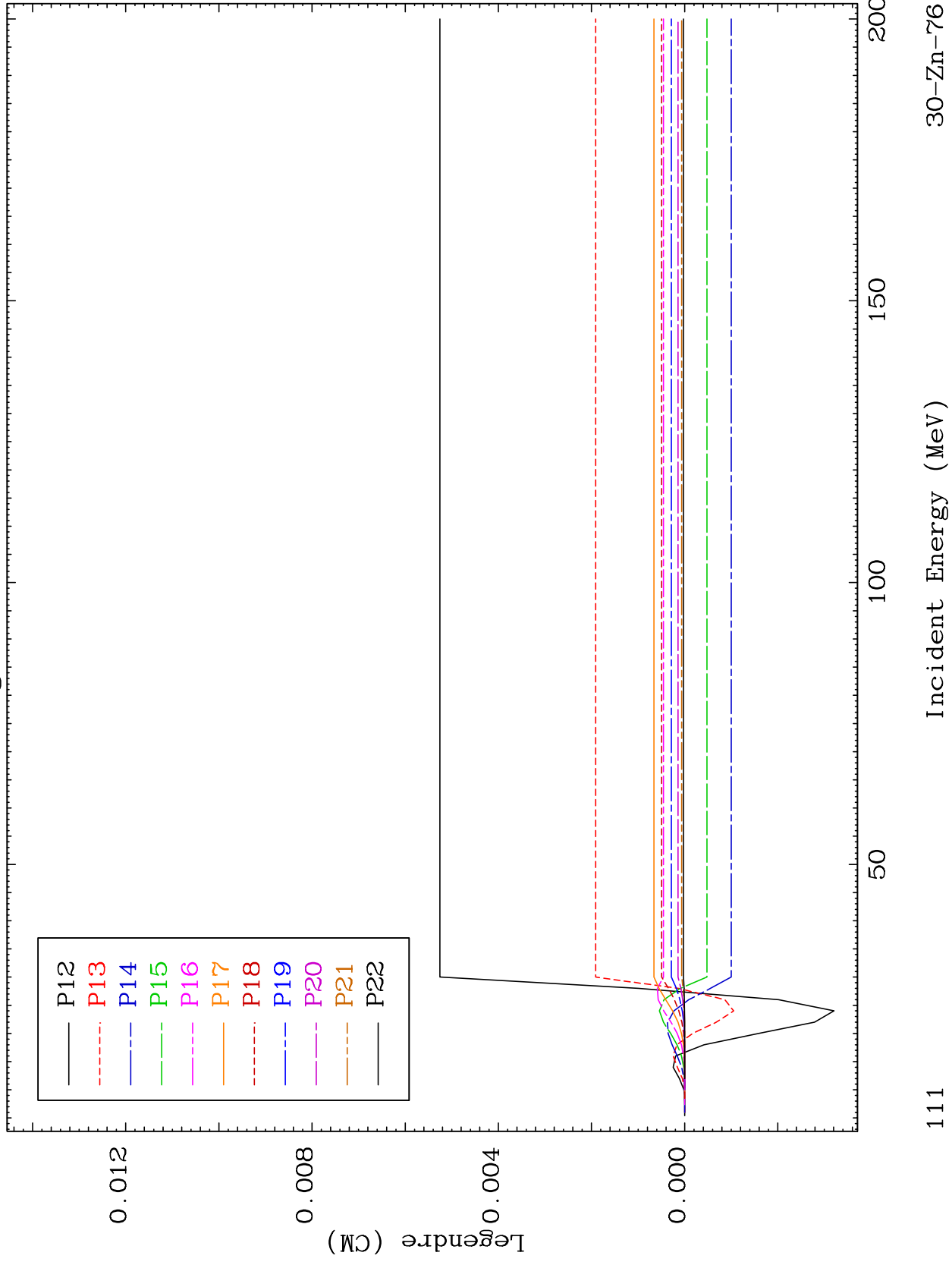




MAT 3061

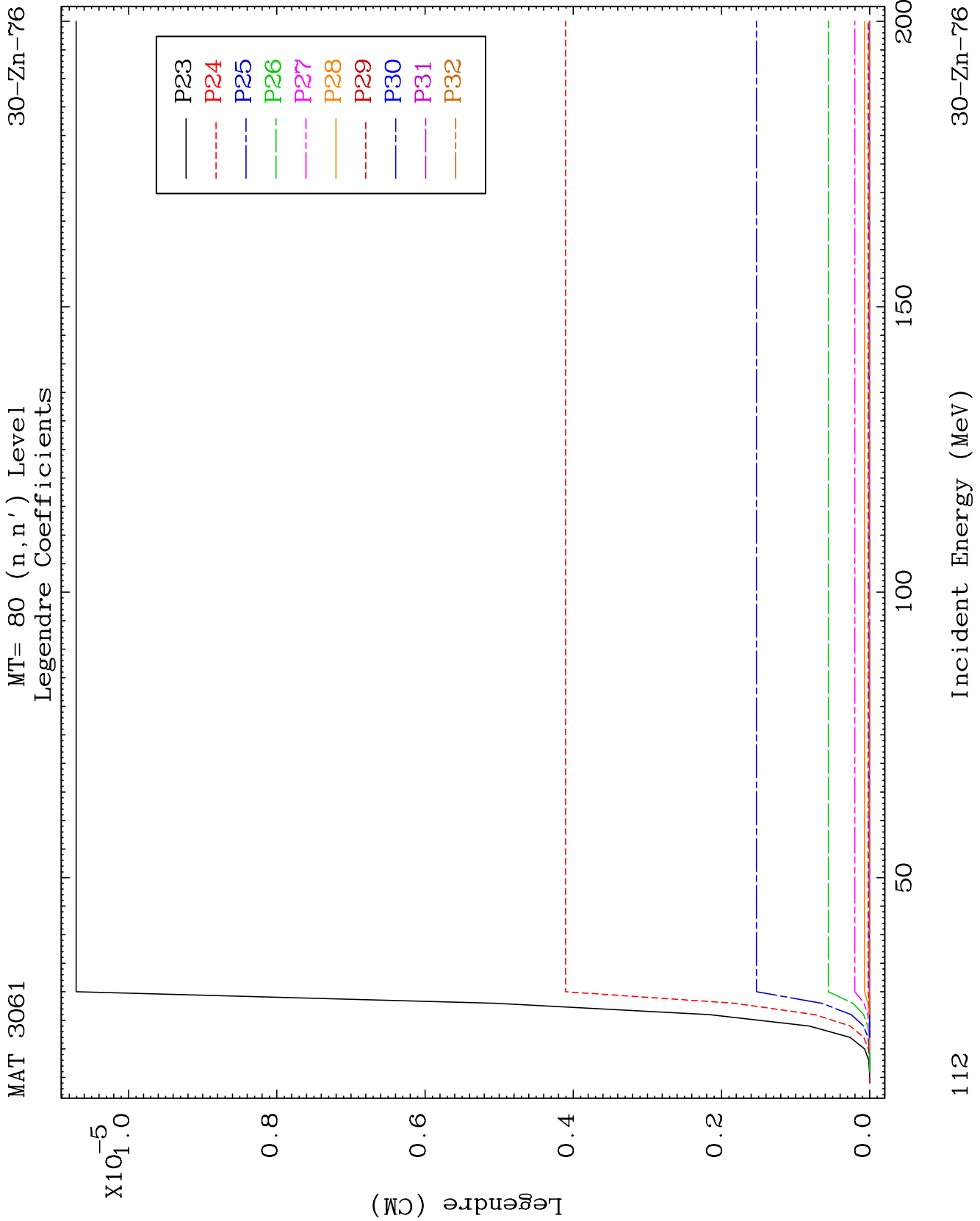
MT= 80 (n,n') Level
Legendre Coefficients

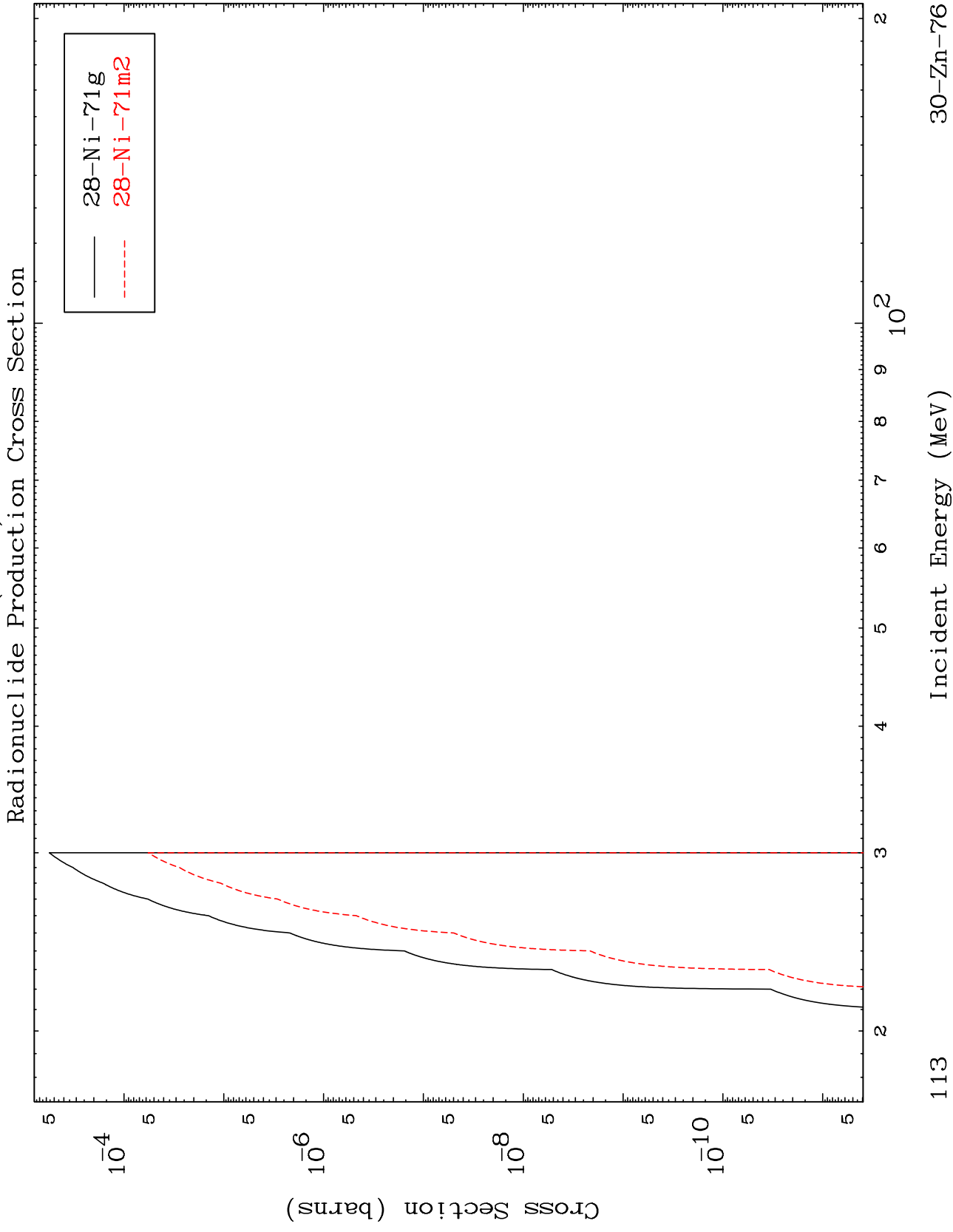
30-Zn-76



111

30-Zn-76





MAT 3061

30-Zn-76

Radionuclide Production Cross Section
(n, γ)

