

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

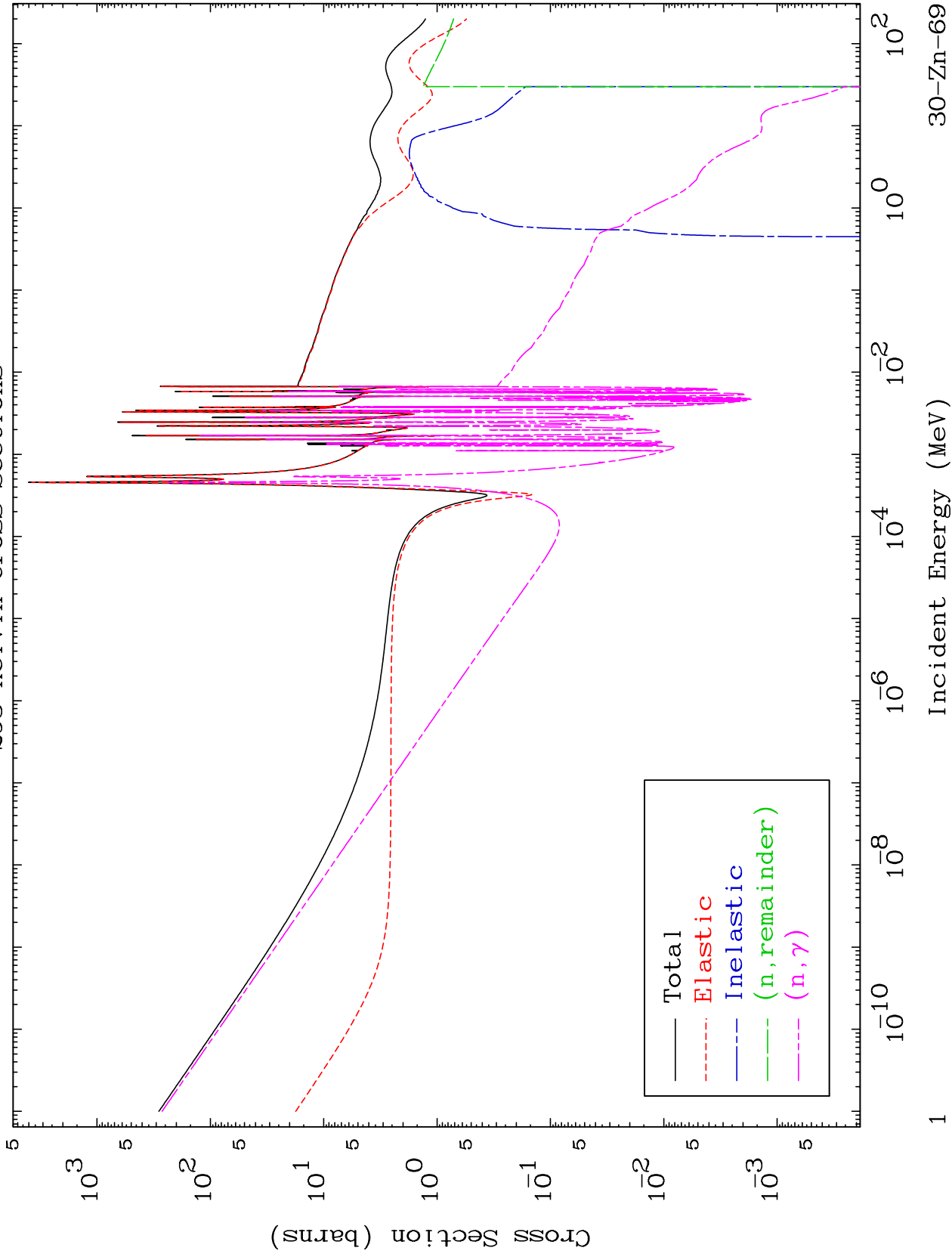
Press Mouse Button to Start

MAT 3040

Major

293 Kelvin Cross Sections

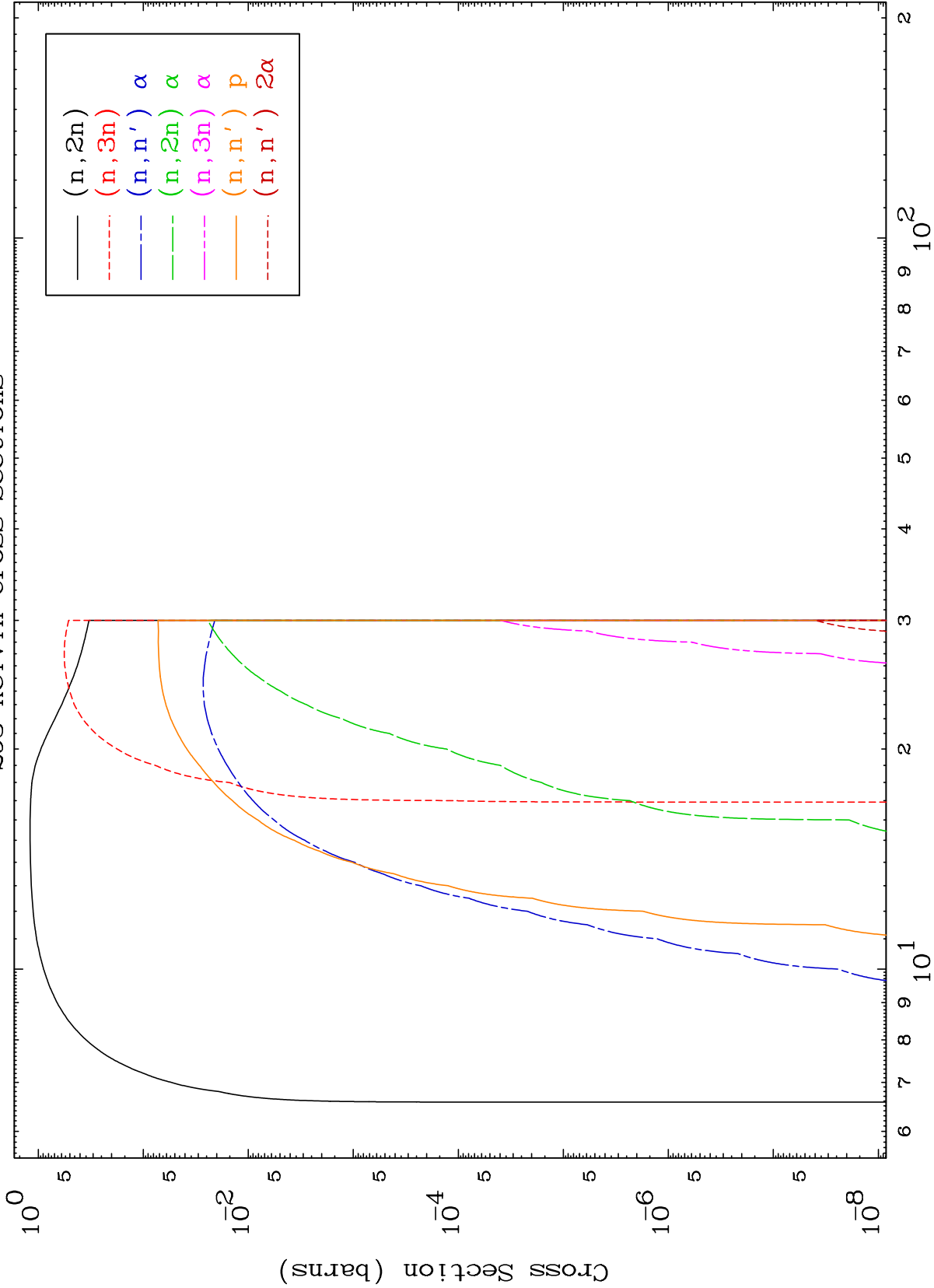
30-Zn-69



MAT 3040

Neutron Production
293 Kelvin Cross Sections

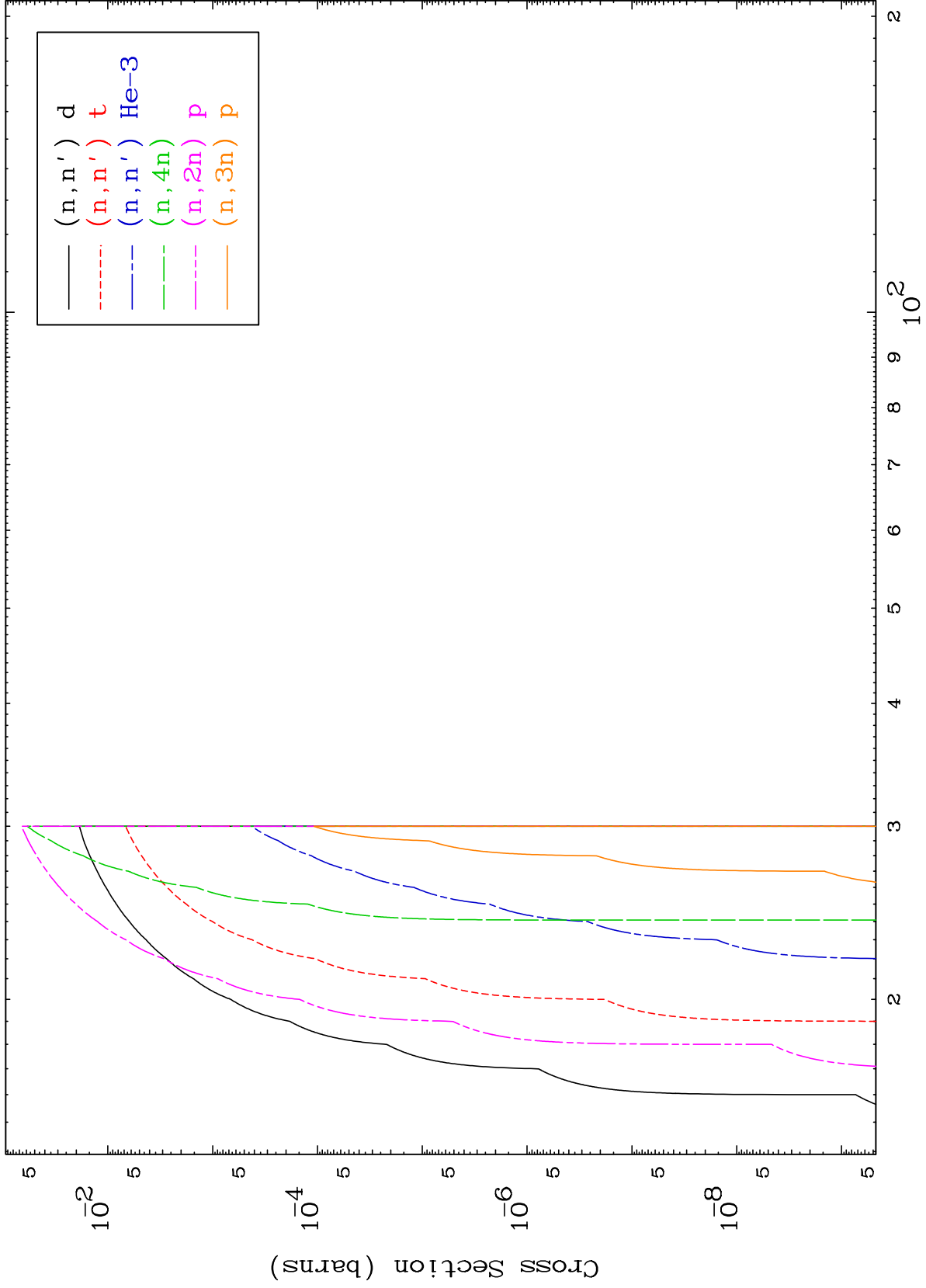
30-Zn-69



30-Zn-69

Incident Energy (MeV)

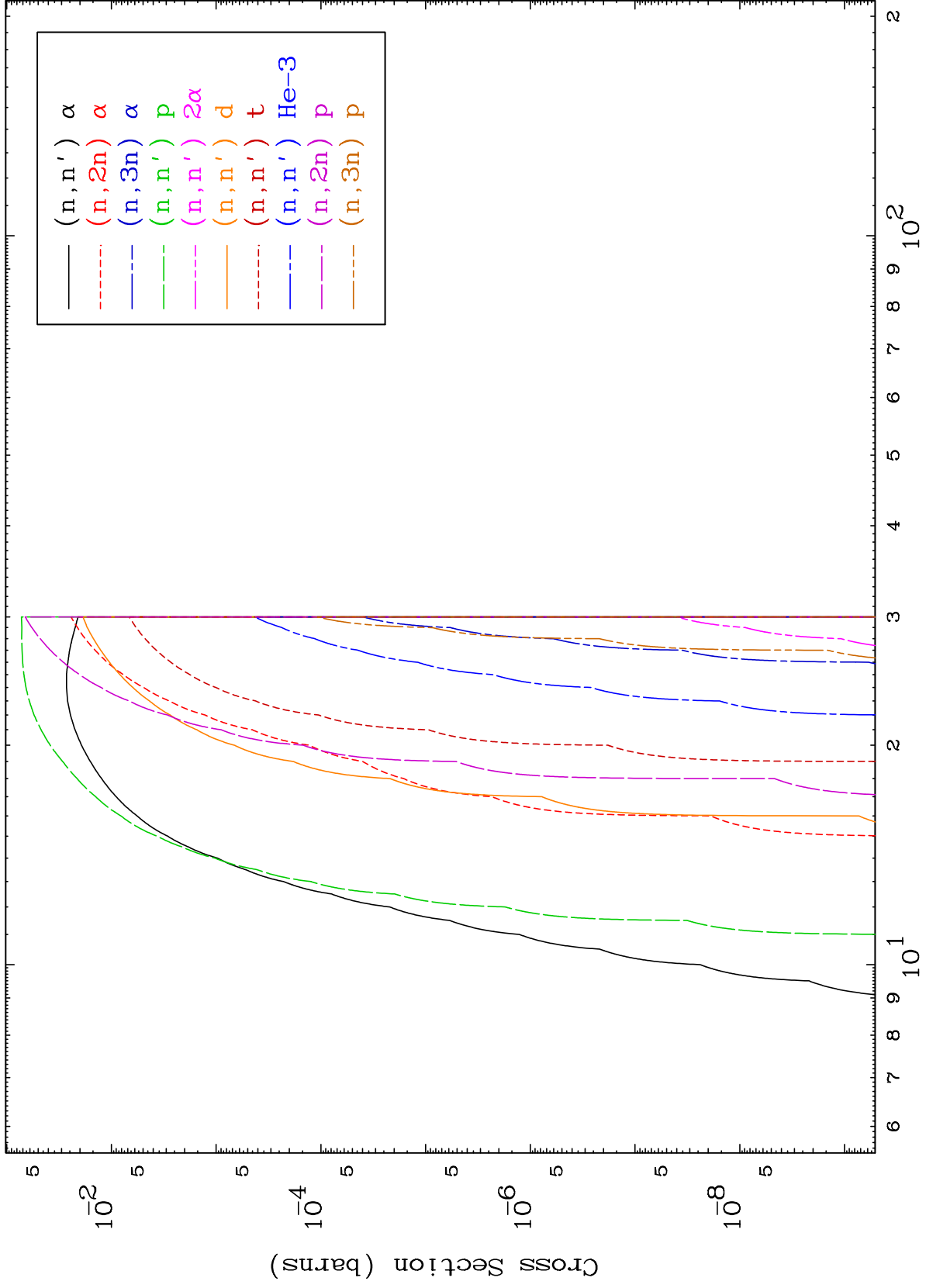
2



MAT 3040

Charged Particle
293 Kelvin Cross Sections

30-Zn-69



4

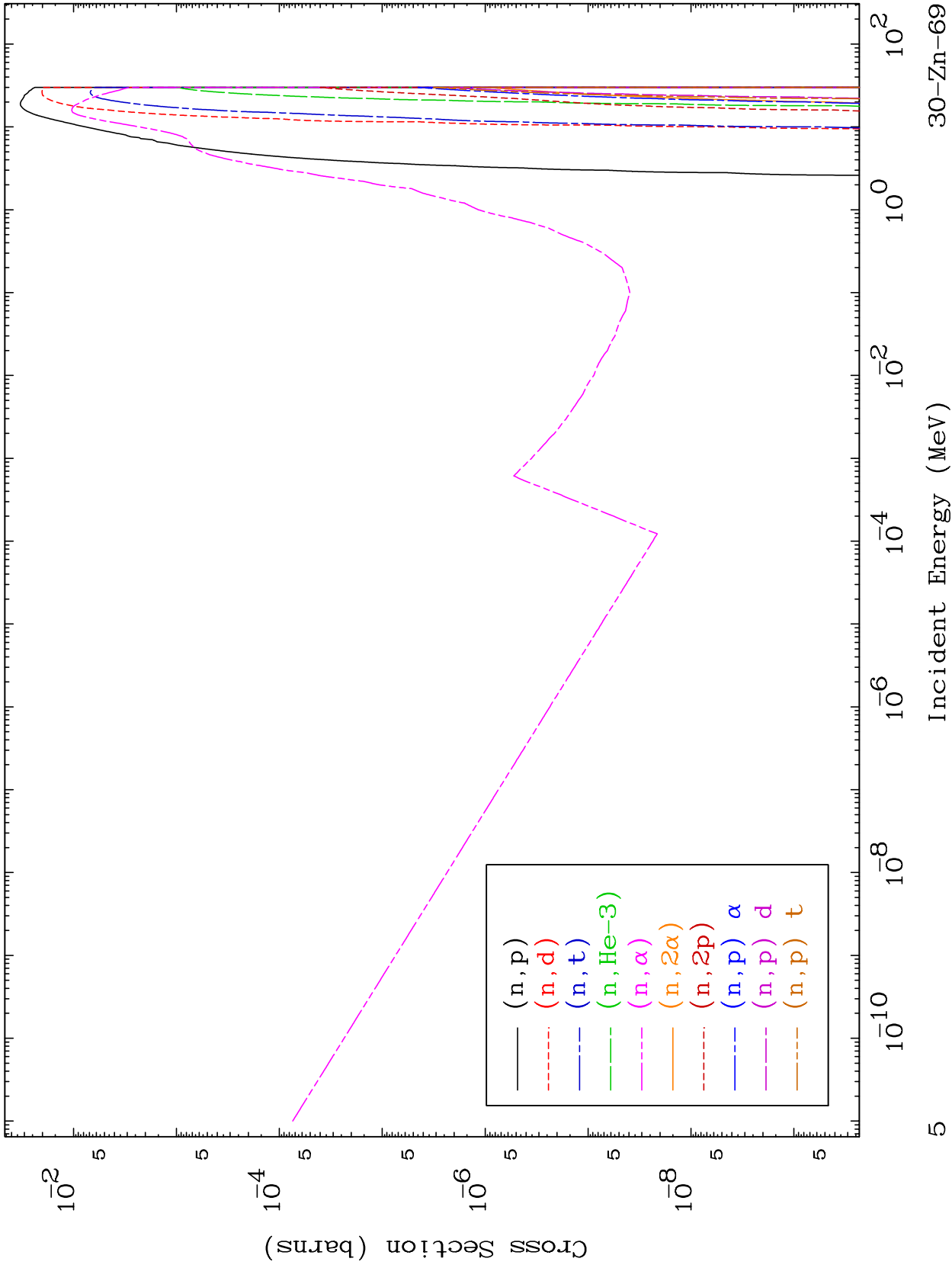
Incident Energy (MeV)

30-Zn-69

MAT 3040

Charged Particle
293 Kelvin Cross Sections

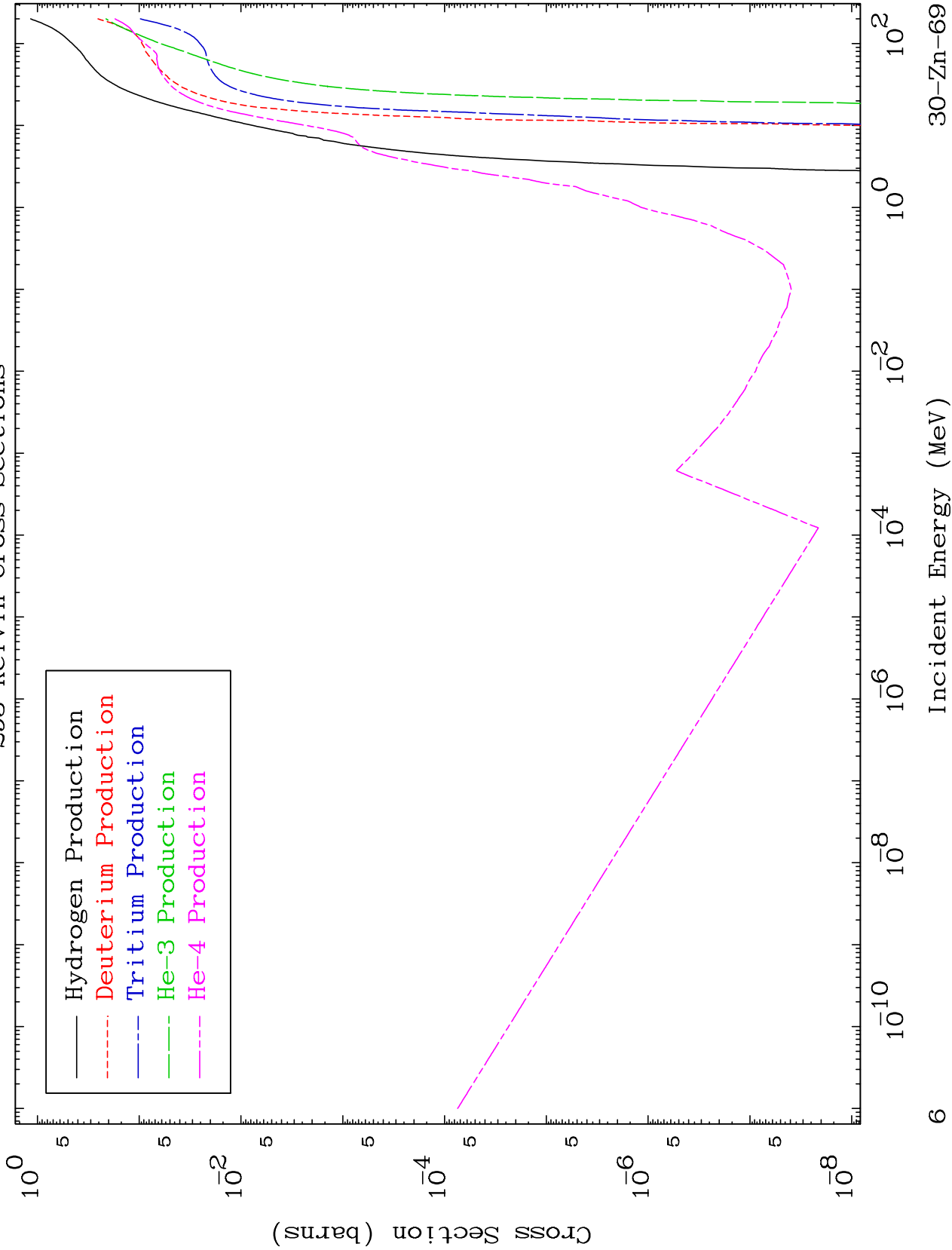
30-Zn-69



MAT 3040

Particle Production
293 Kelvin Cross Sections

30-Zn-69

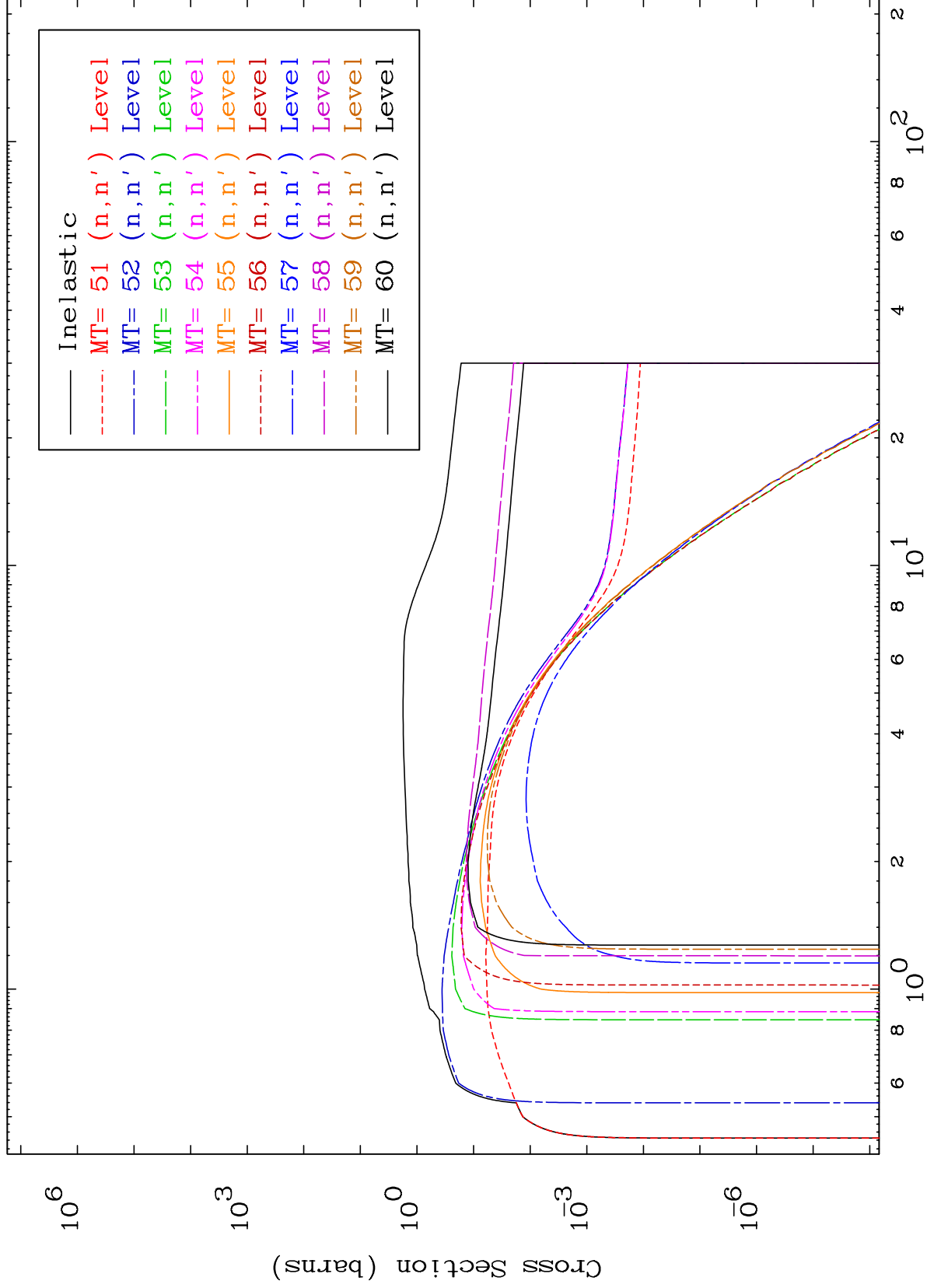


MAT 3040

(n,n') Level

30-Zn-69

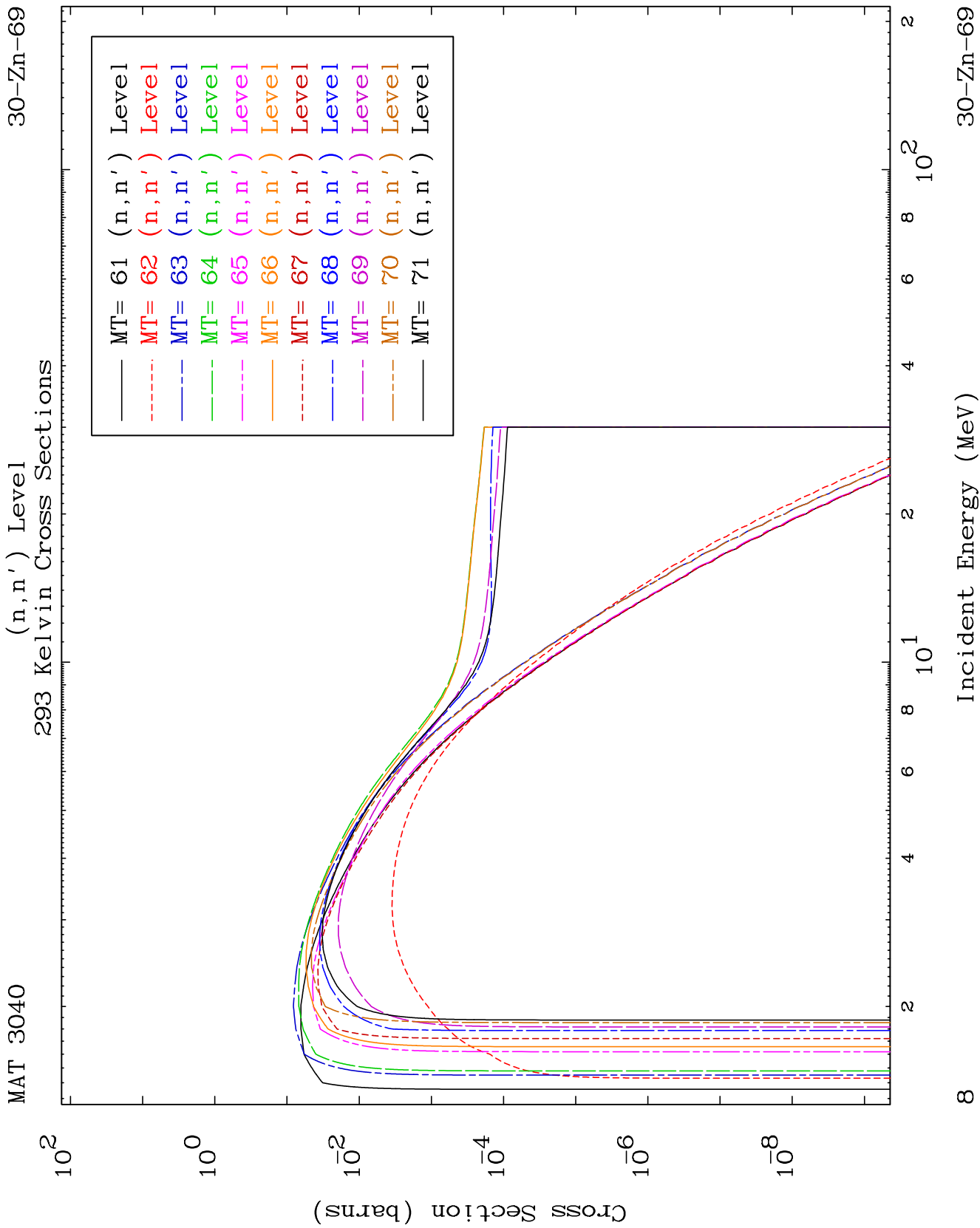
293 Kelvin Cross Sections



7

Incident Energy (MeV)

30-Zn-69

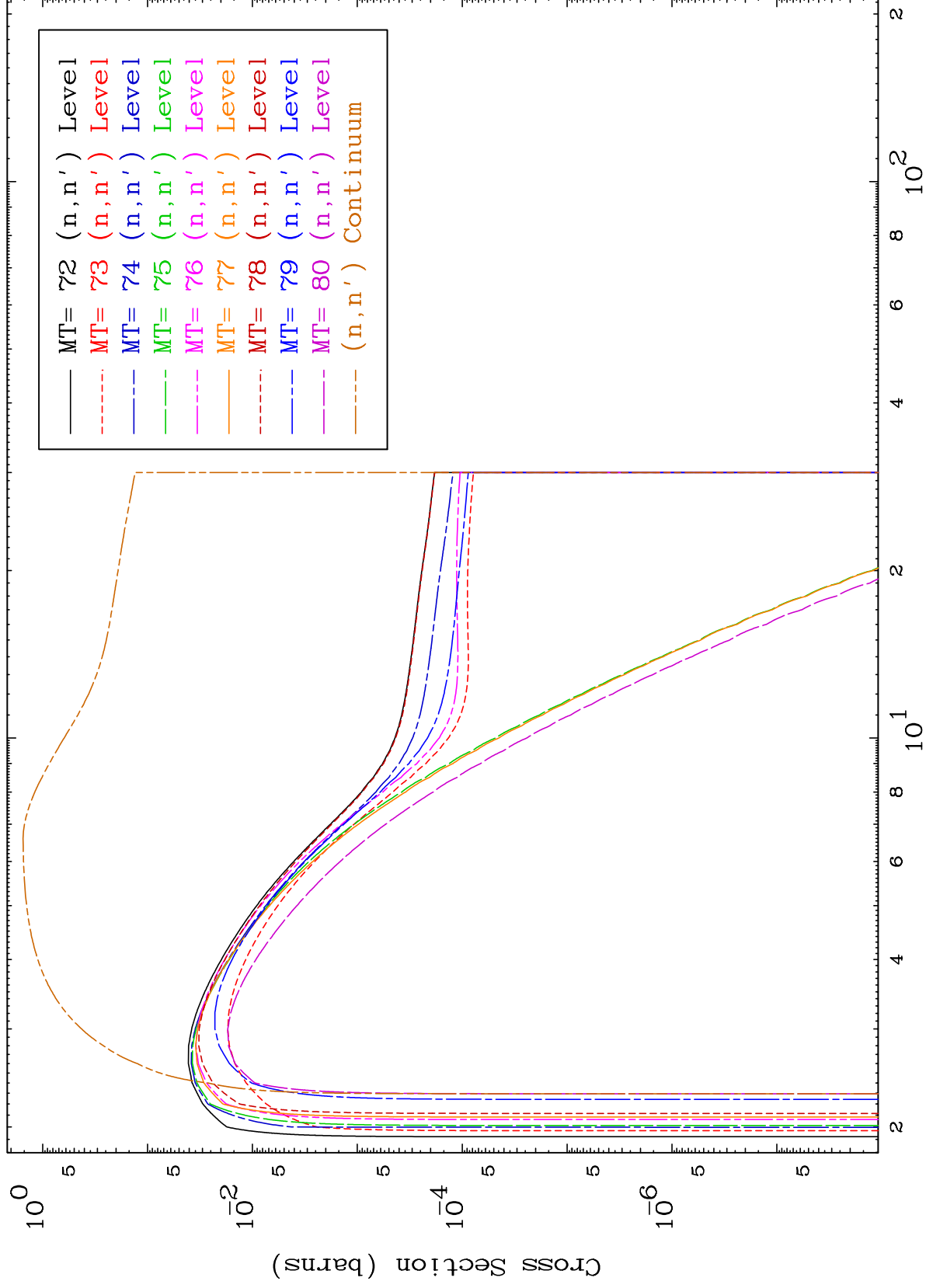


MAT 3040

(n,n') Level

30-Zn-69

293 Kelvin Cross Sections



9

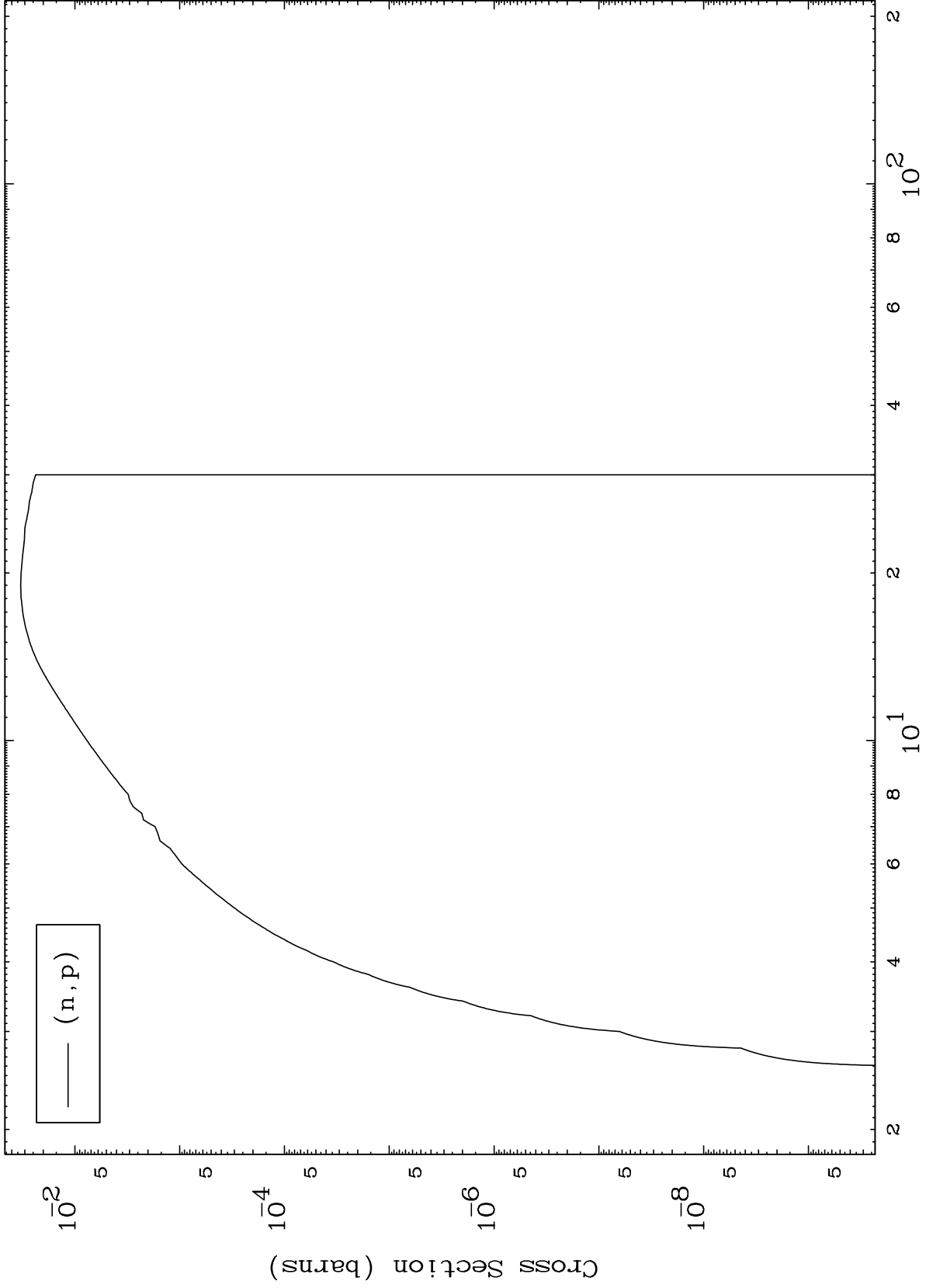
Incident Energy (MeV)

30-Zn-69

MAT 3040

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-69



10

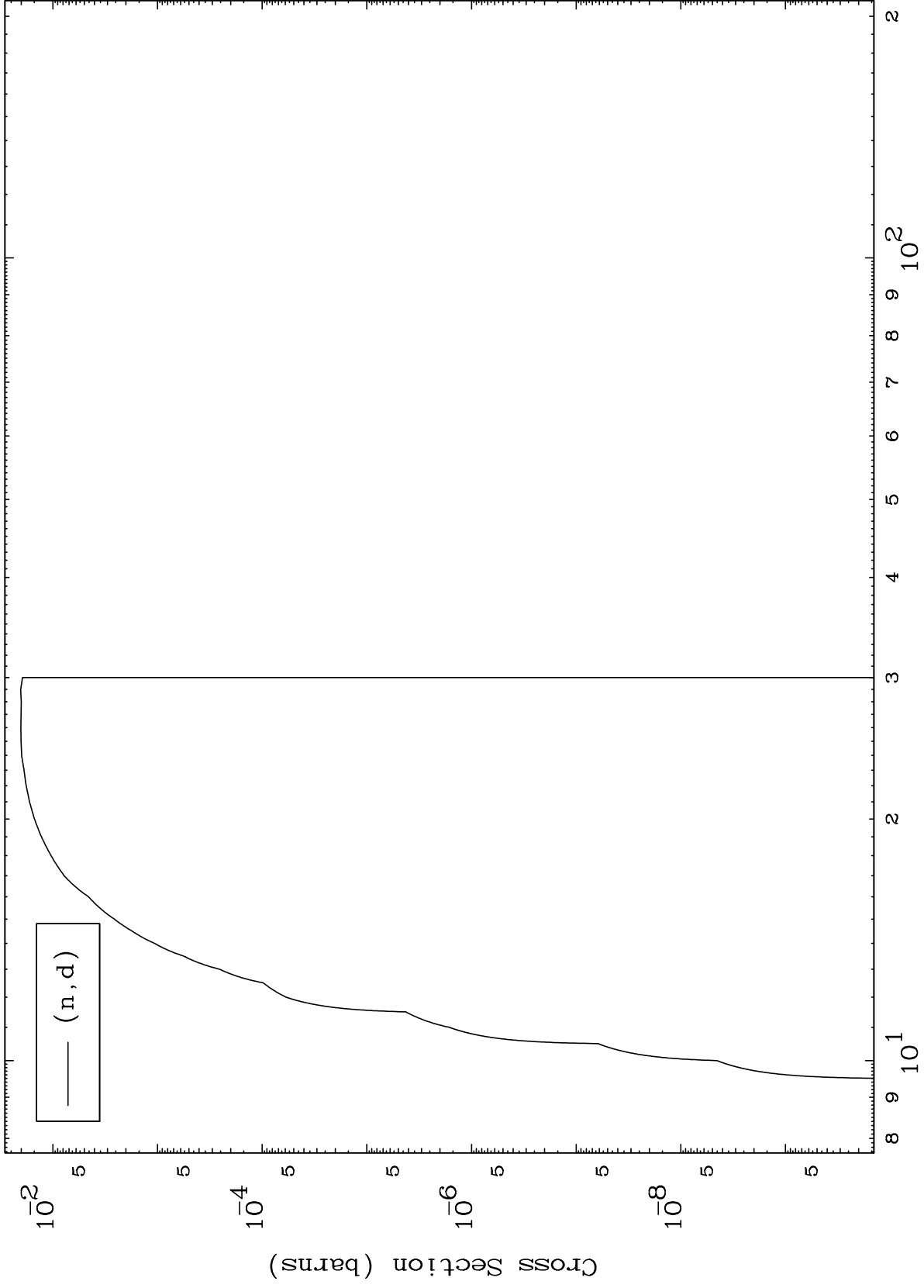
Incident Energy (MeV)

30-Zn-69

MAT 3040

(n,d) Levels
293 Kelvin Cross Sections

30-Zn-69



11

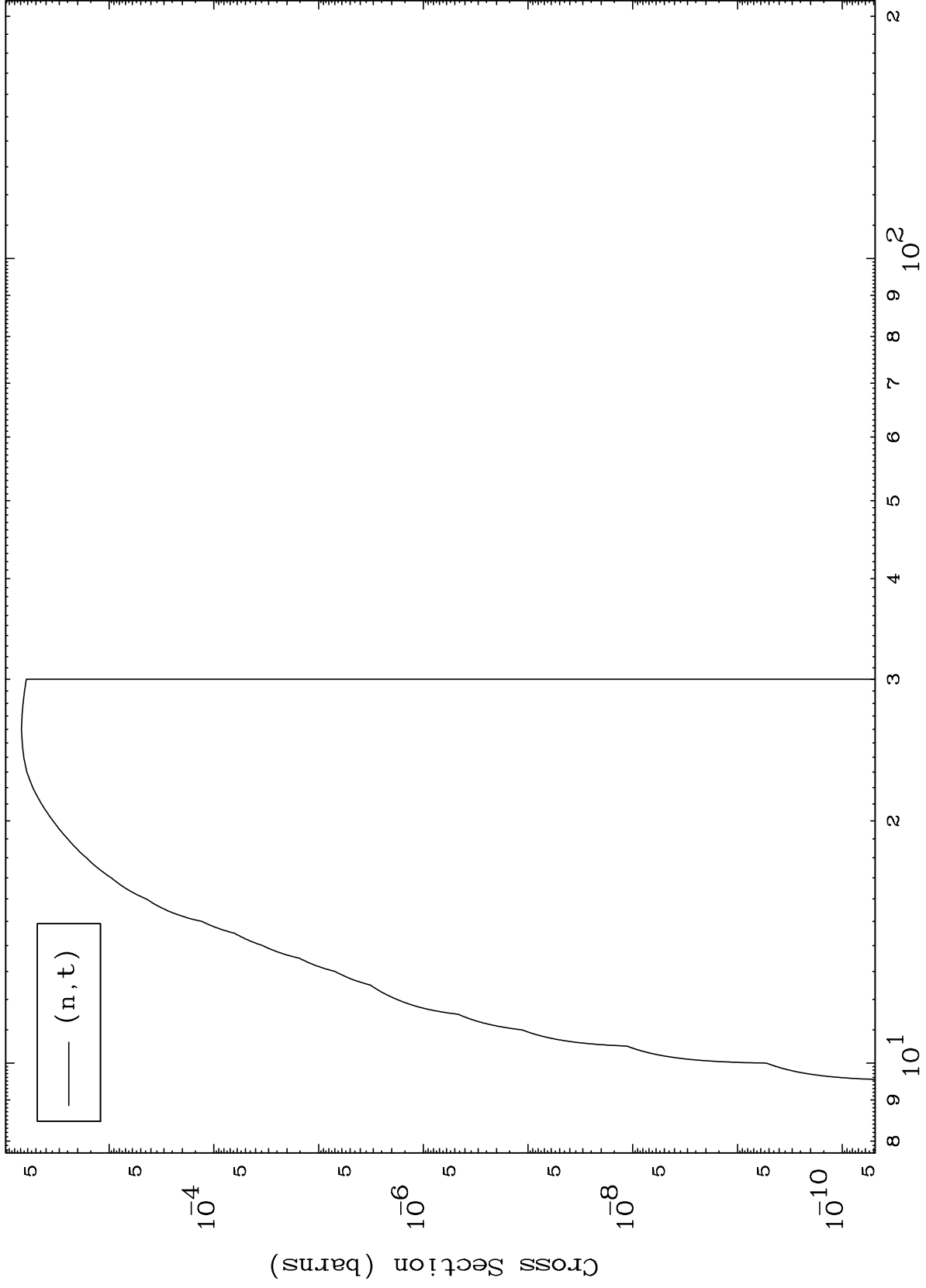
Incident Energy (MeV)

30-Zn-69

MAT 3040

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-69



12

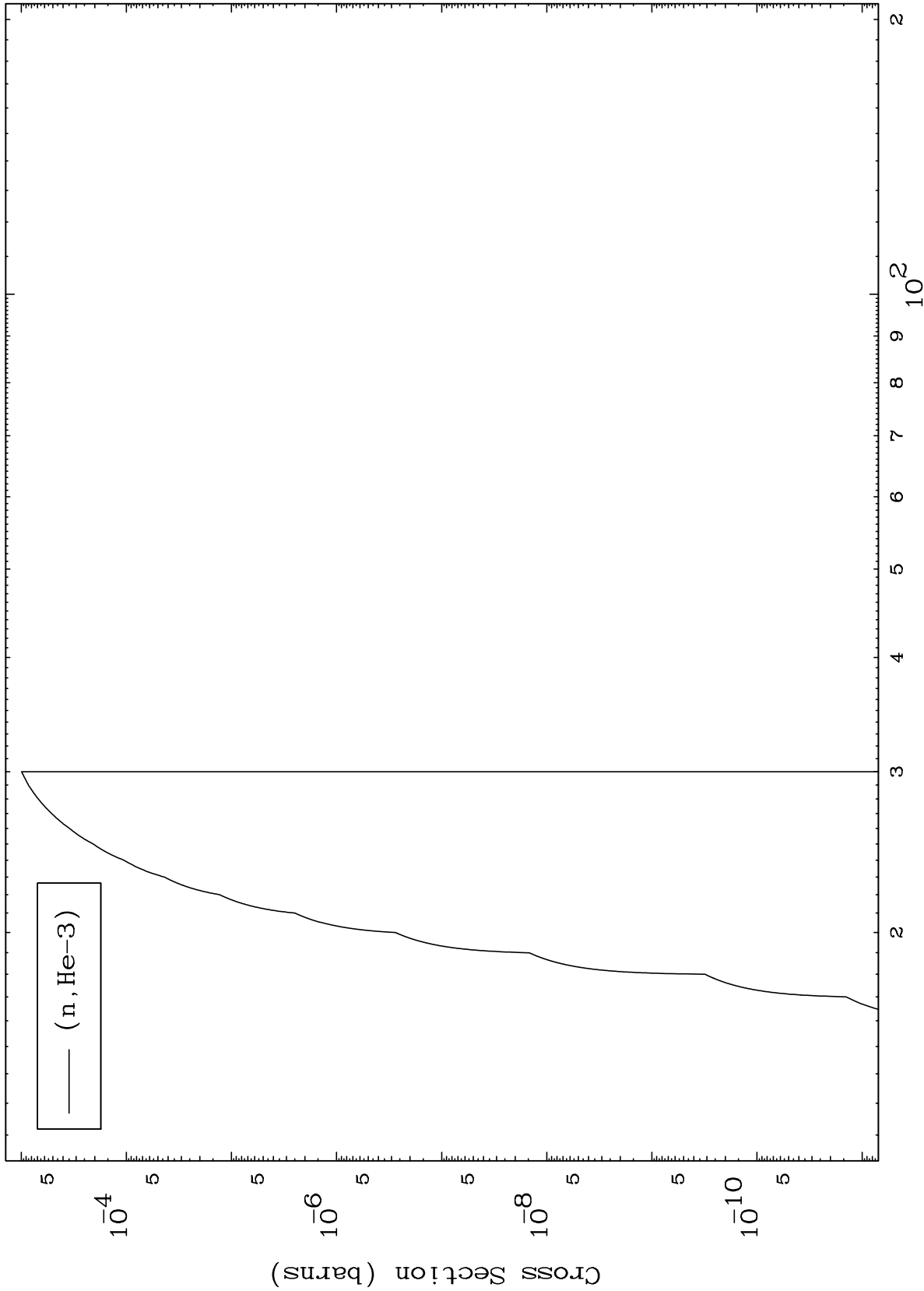
Incident Energy (MeV)

30-Zn-69

MAT 3040

(n,He3) Levels
293 Kelvin Cross Sections

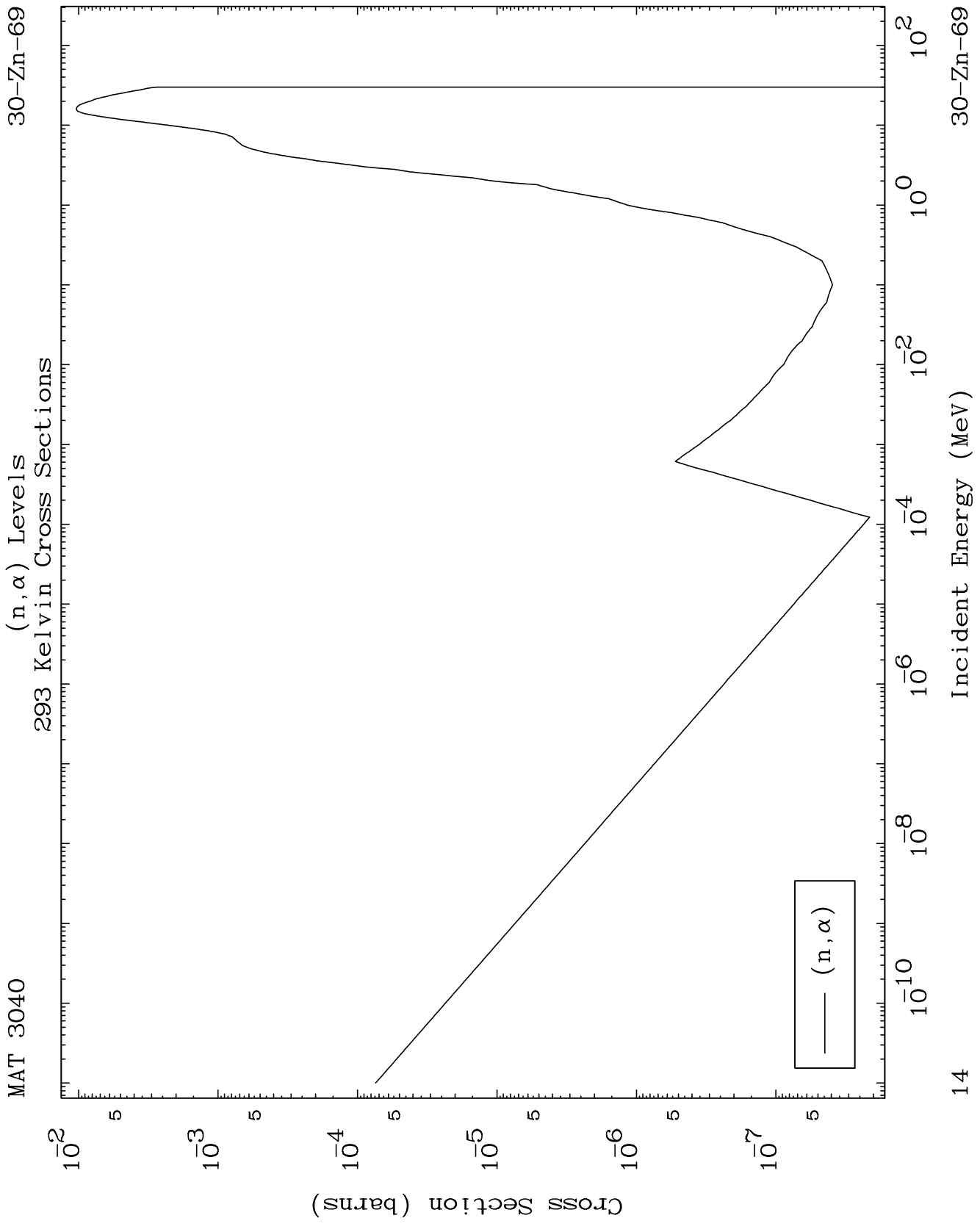
30-Zn-69



13

Incident Energy (MeV)

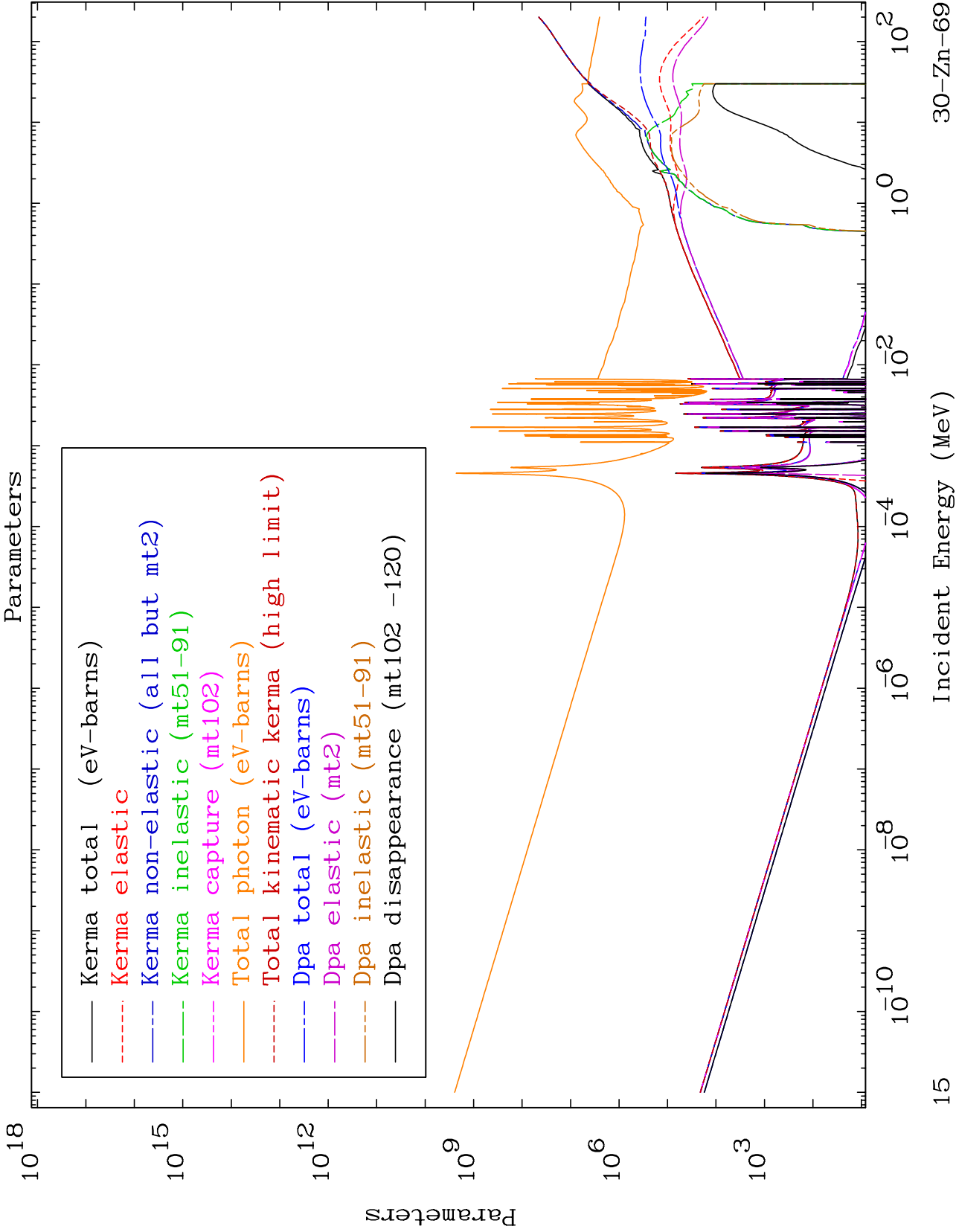
30-Zn-69

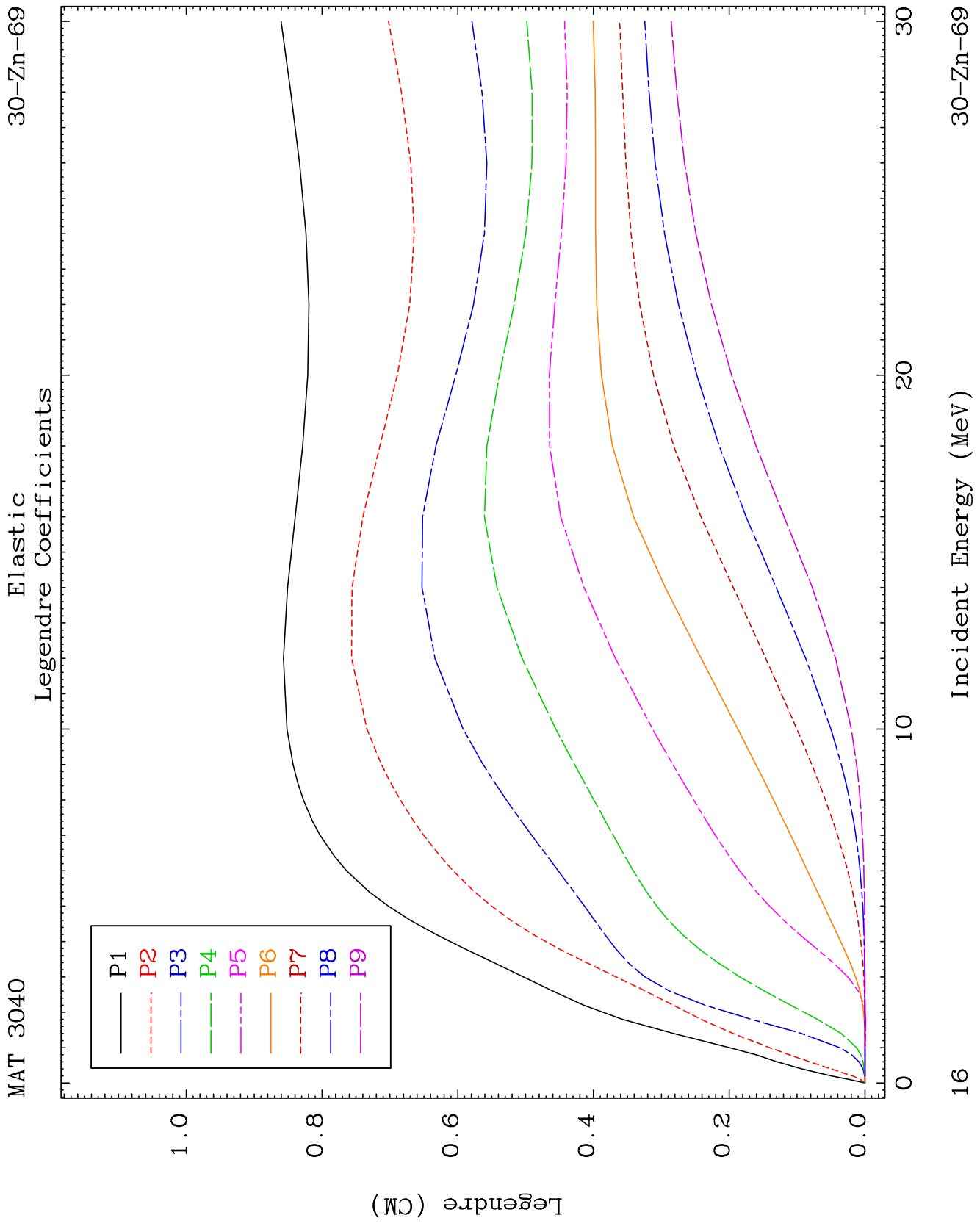


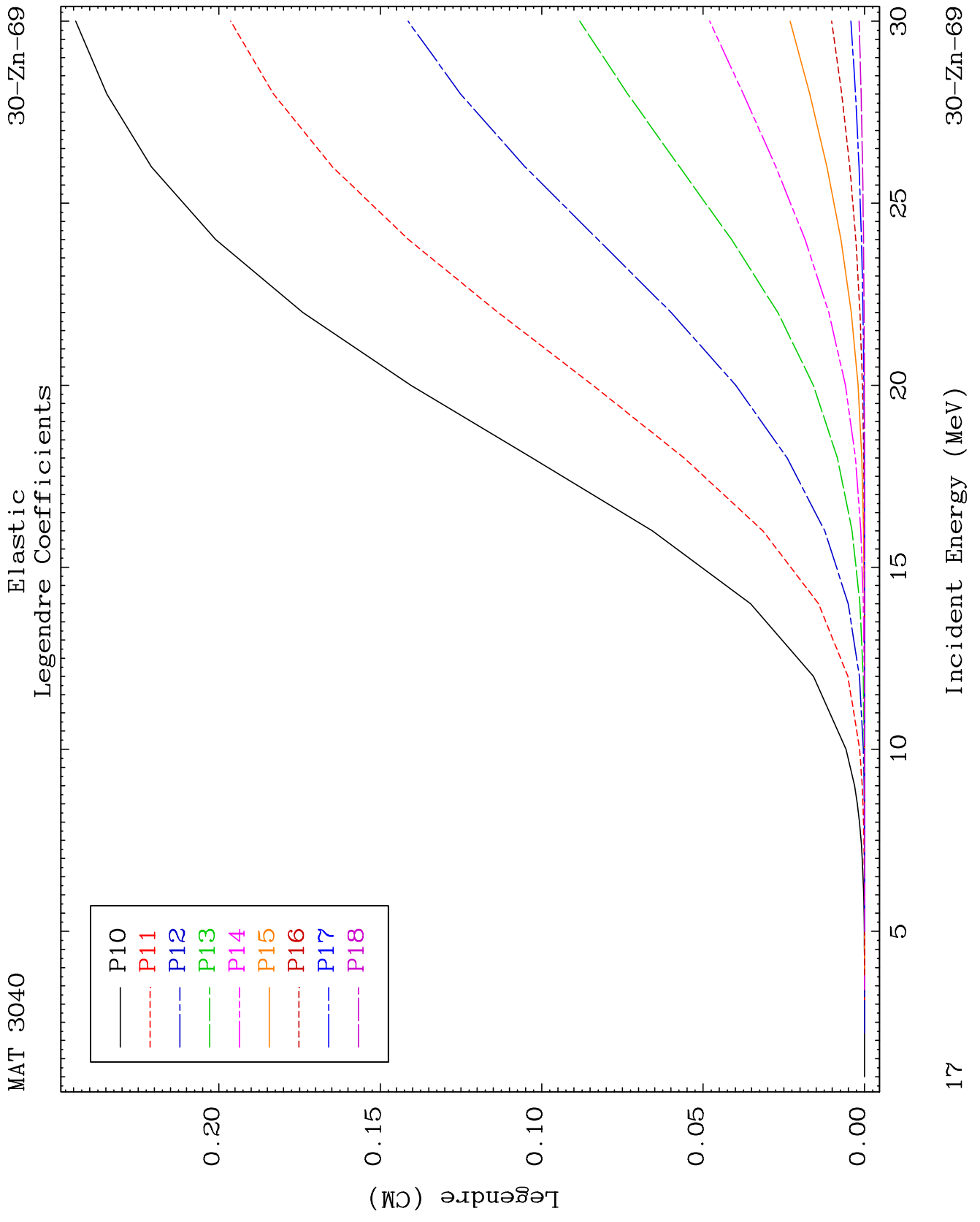
MAT 3040

Energy Release
Parameters

30-Zn-69



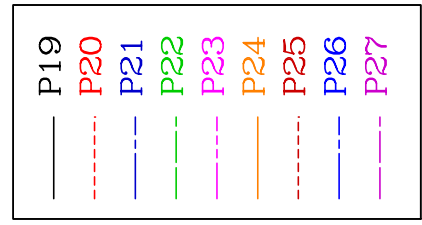




MAT 3040

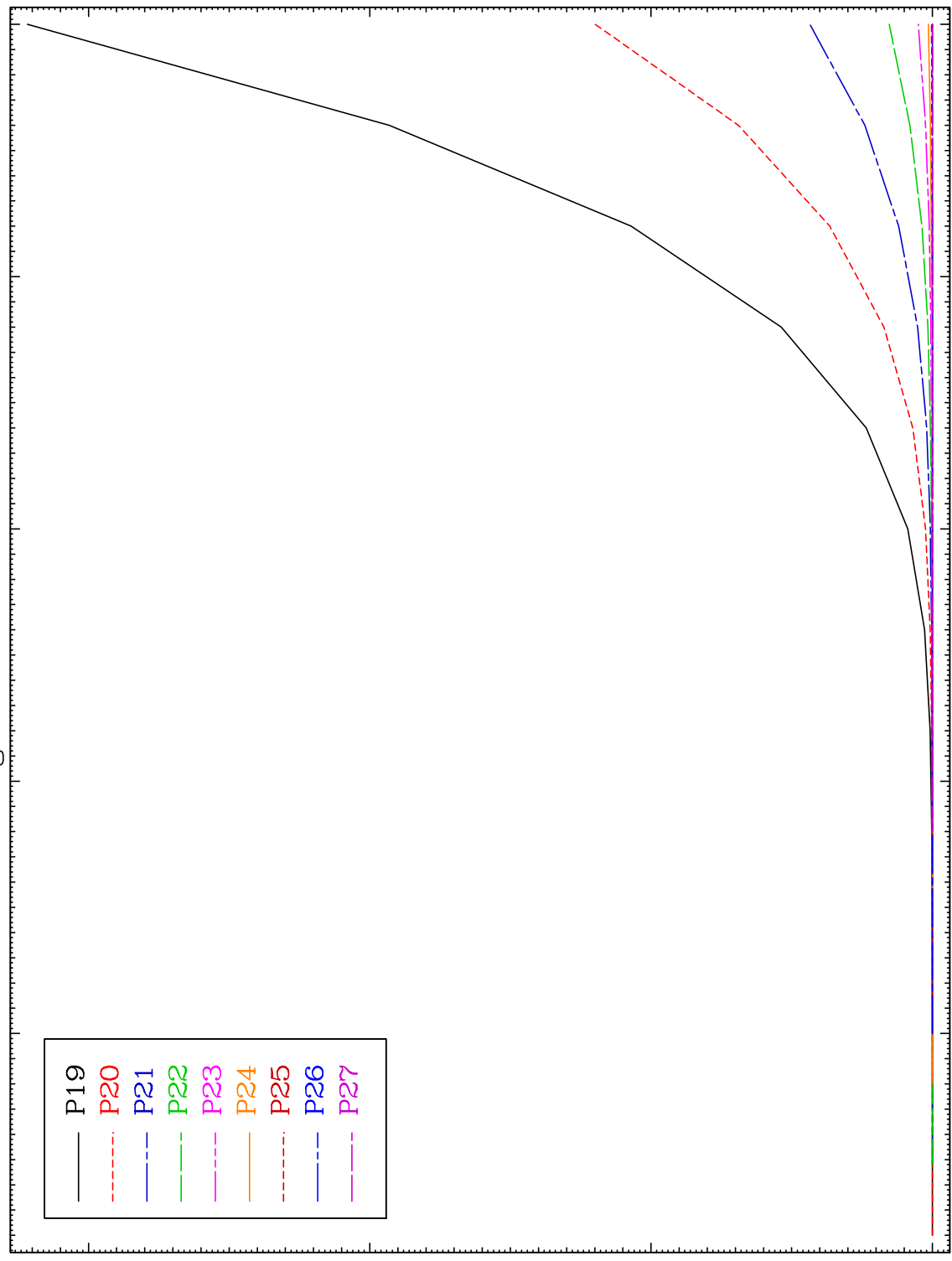
Elastic
Legendre Coefficients

30-Zn-69



$\times 10^{-4}$

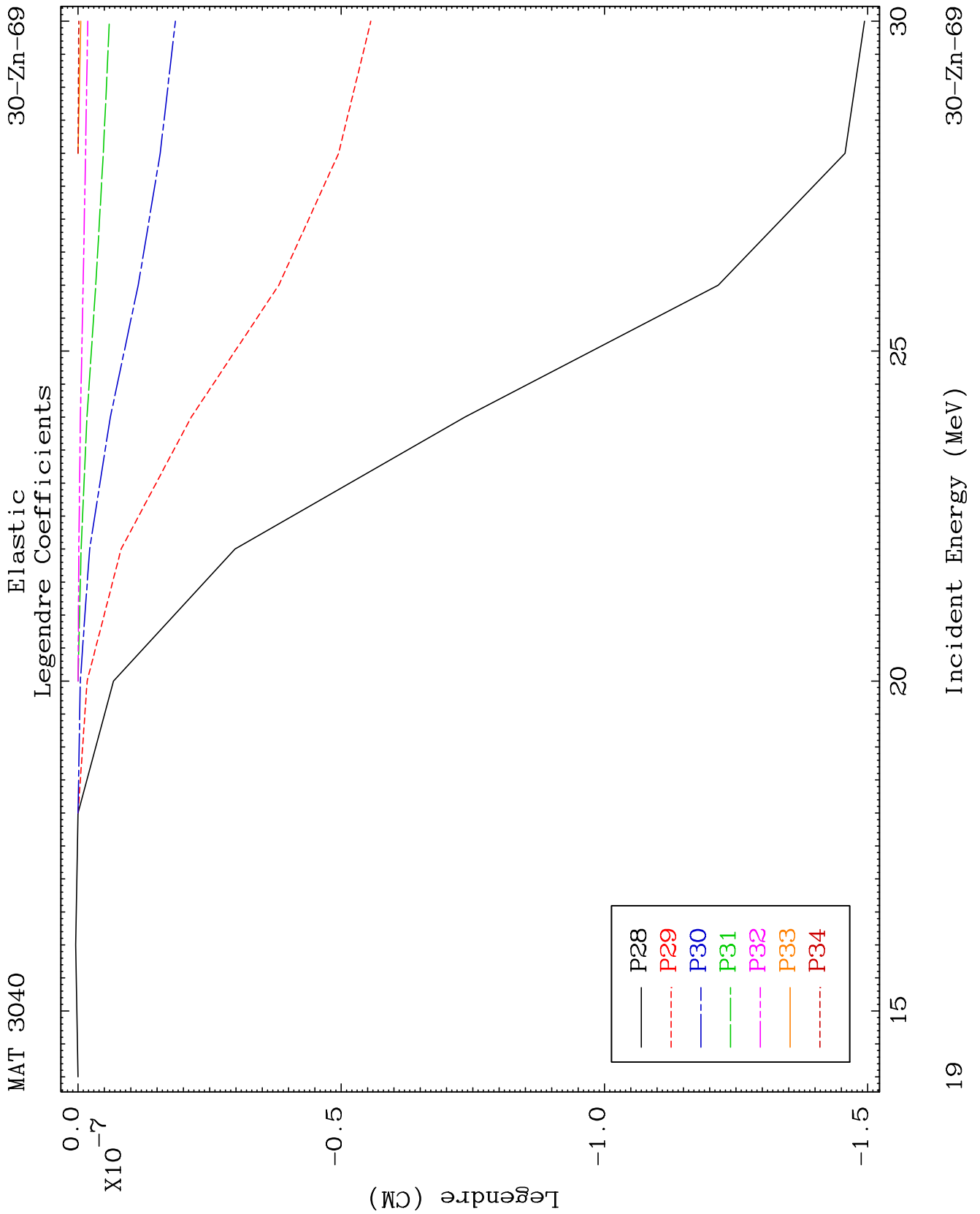
Legendre (CM)



18

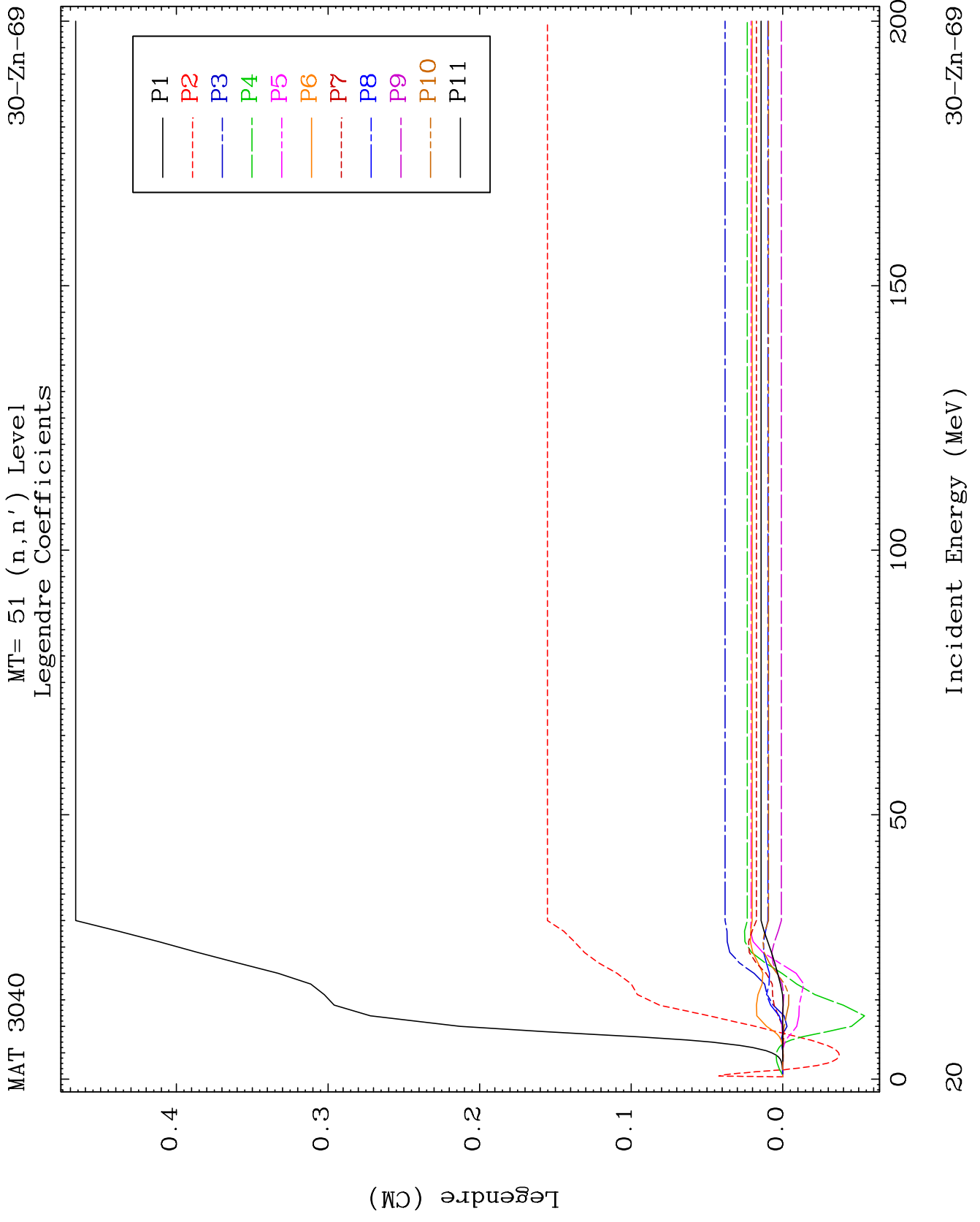
Incident Energy (MeV)

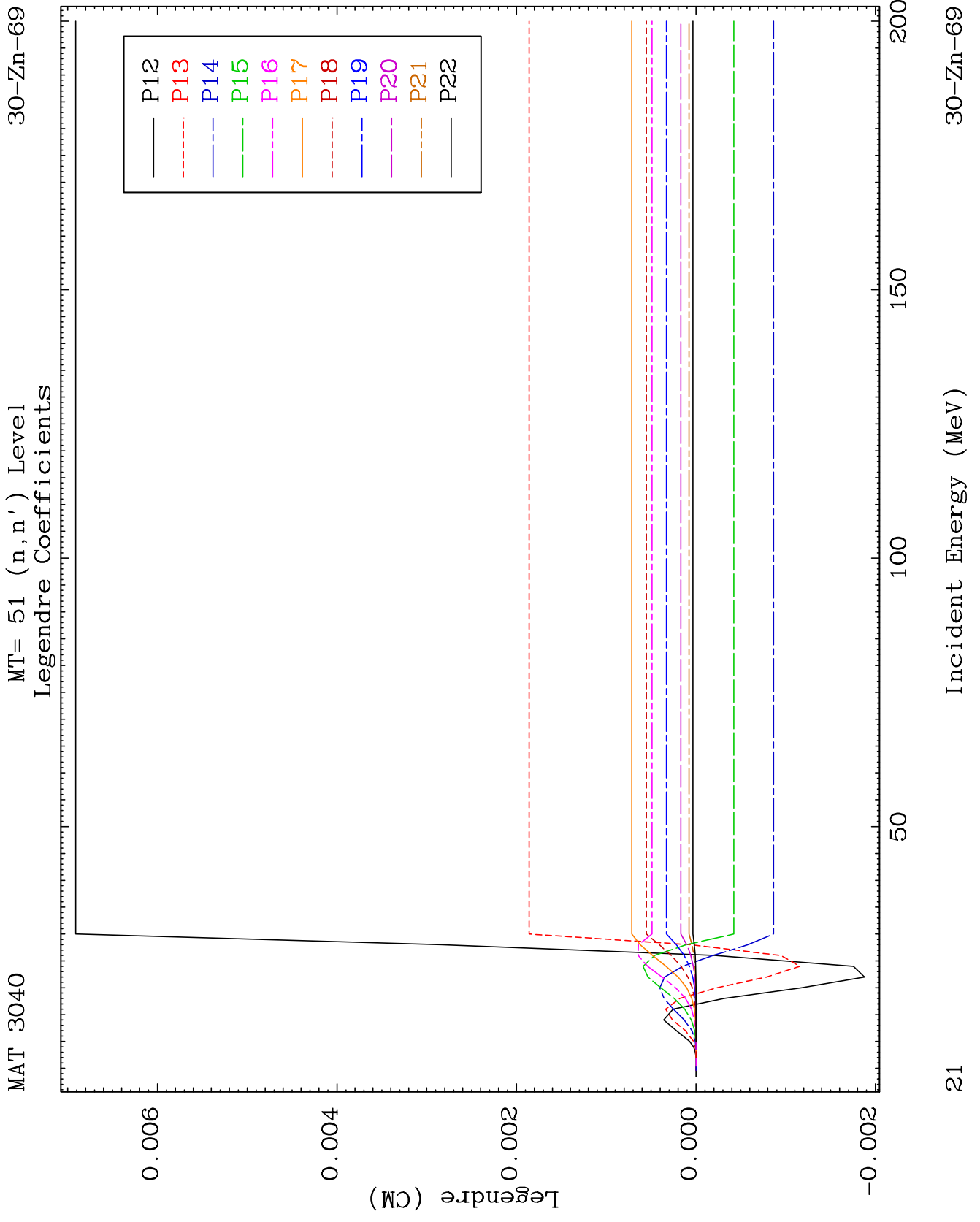
30-Zn-69

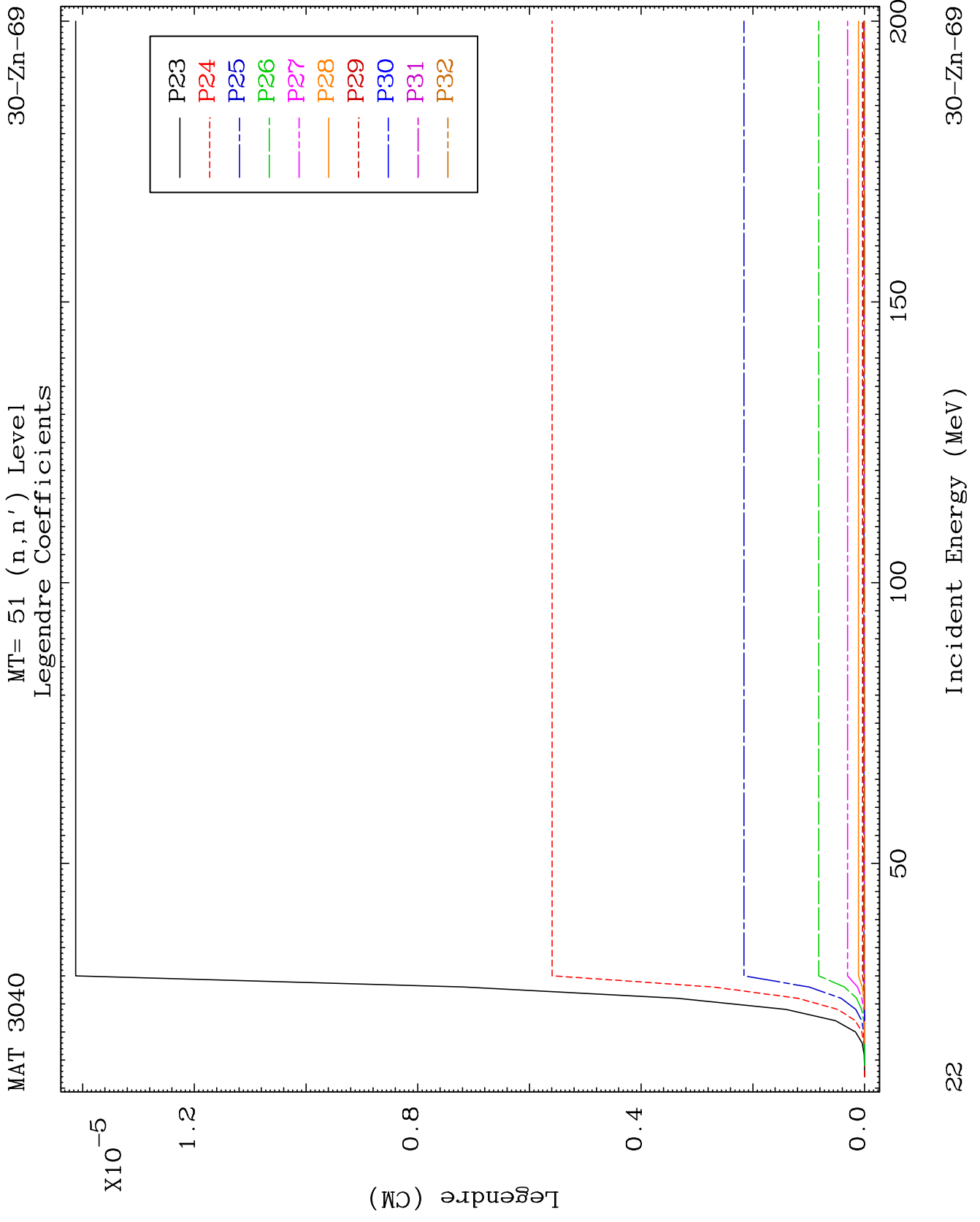


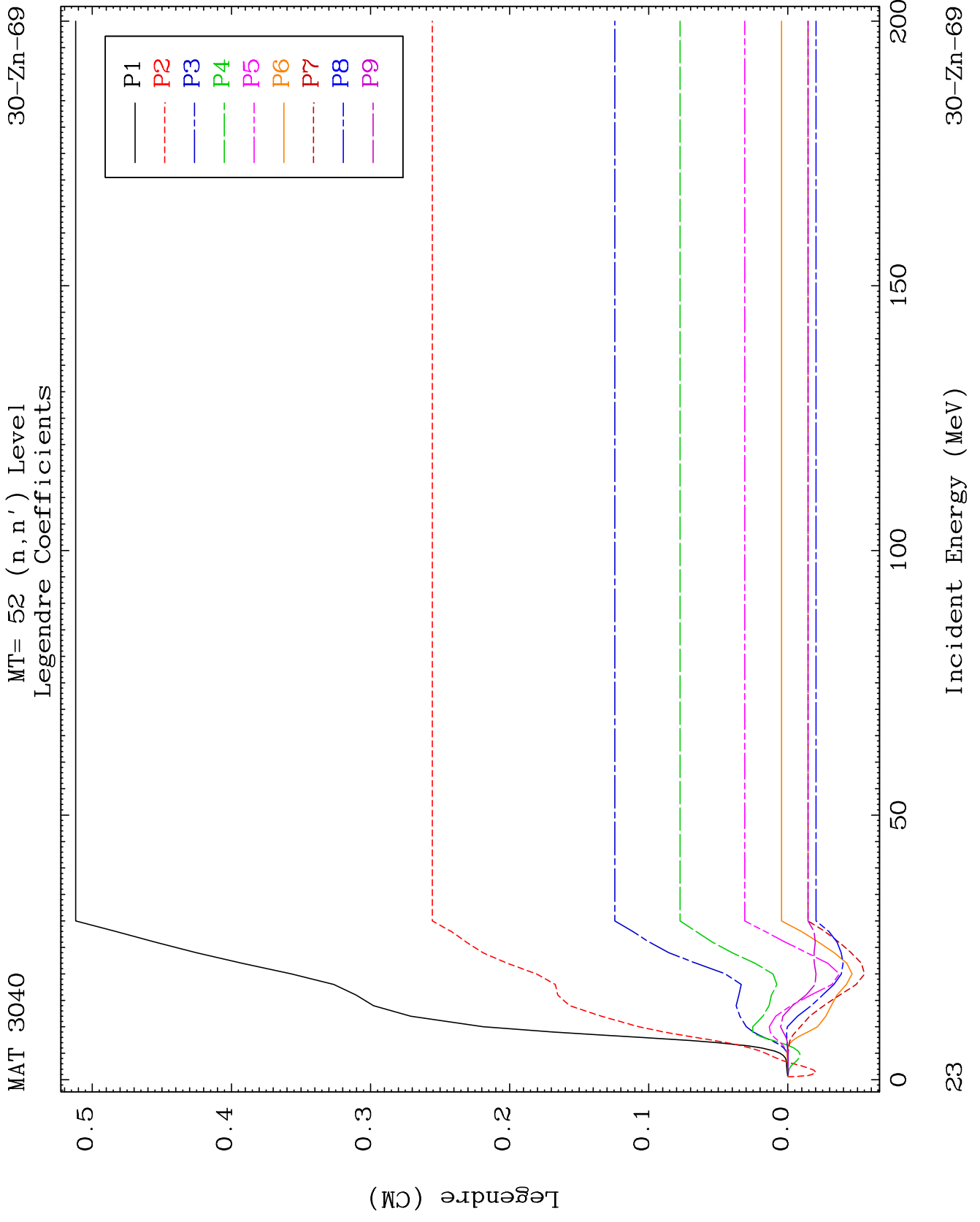
MAT 3040

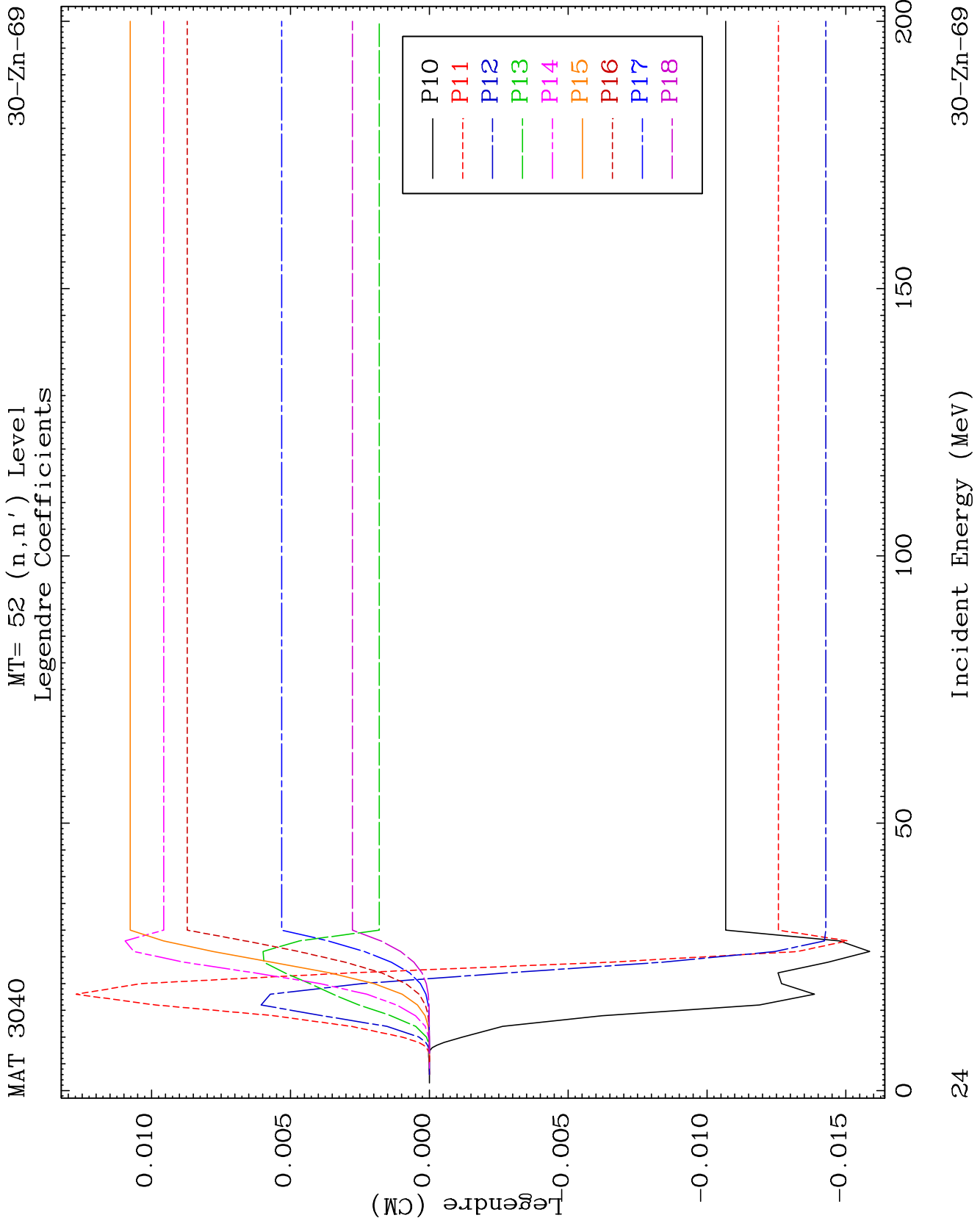
30-Zn-69

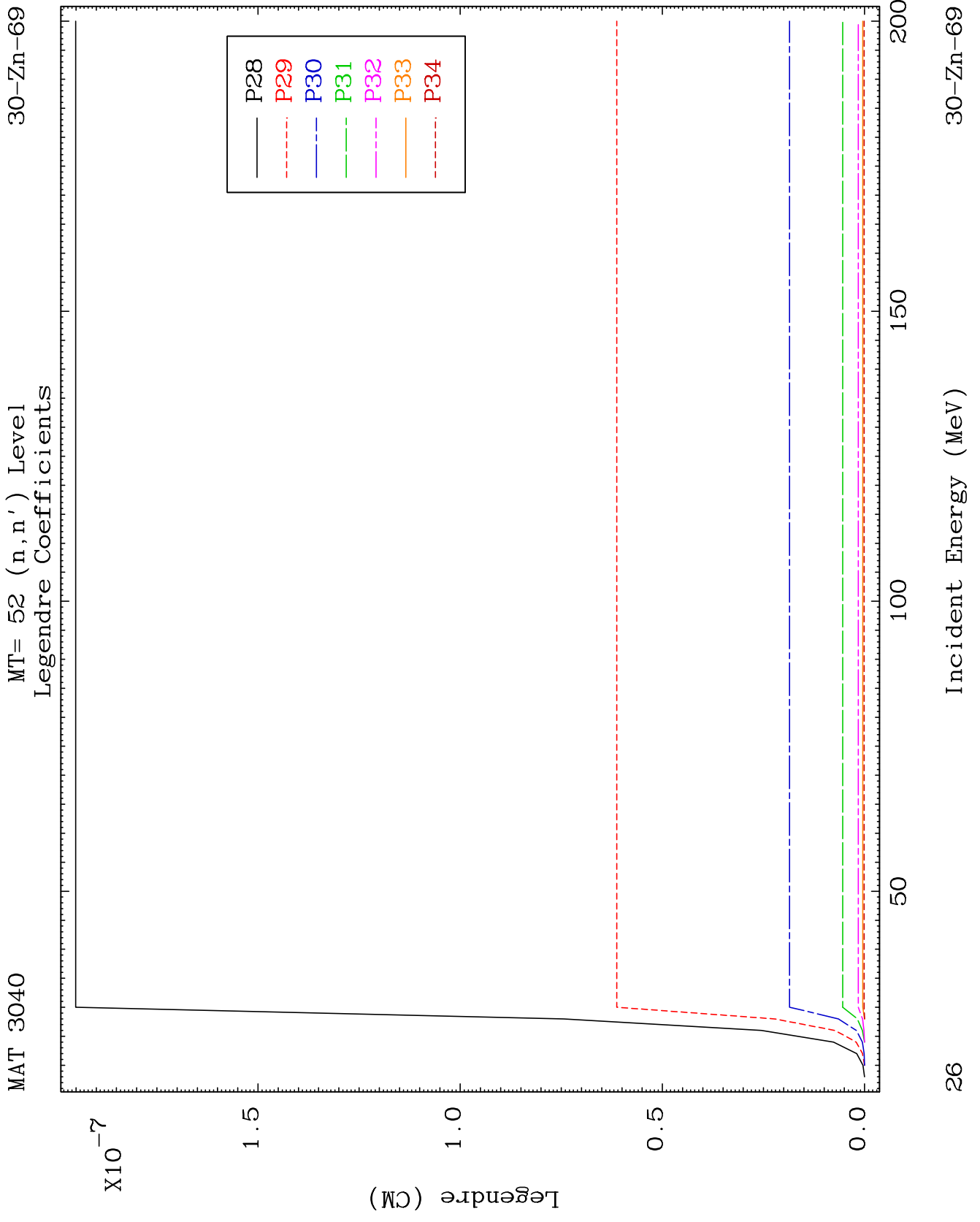








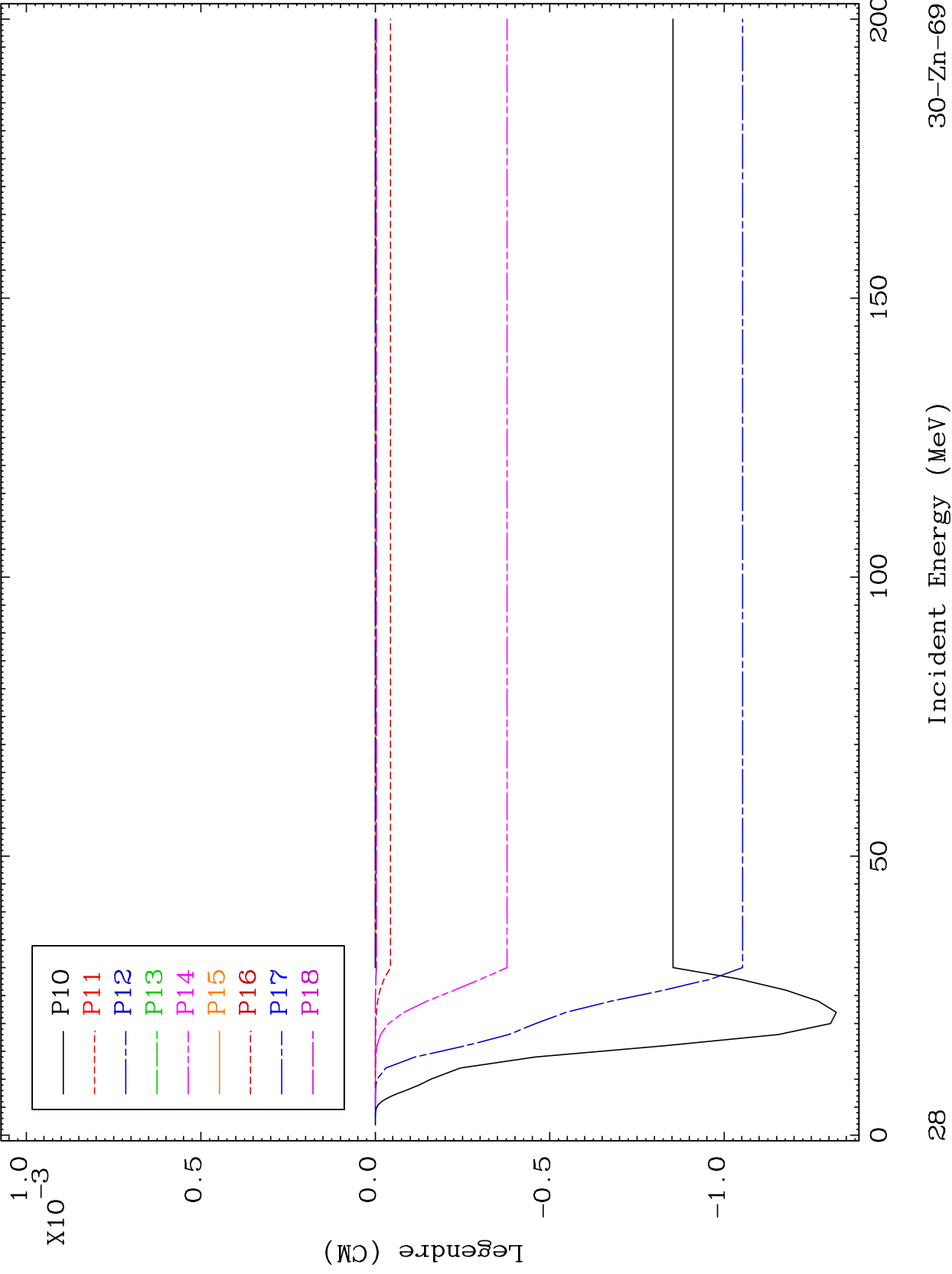




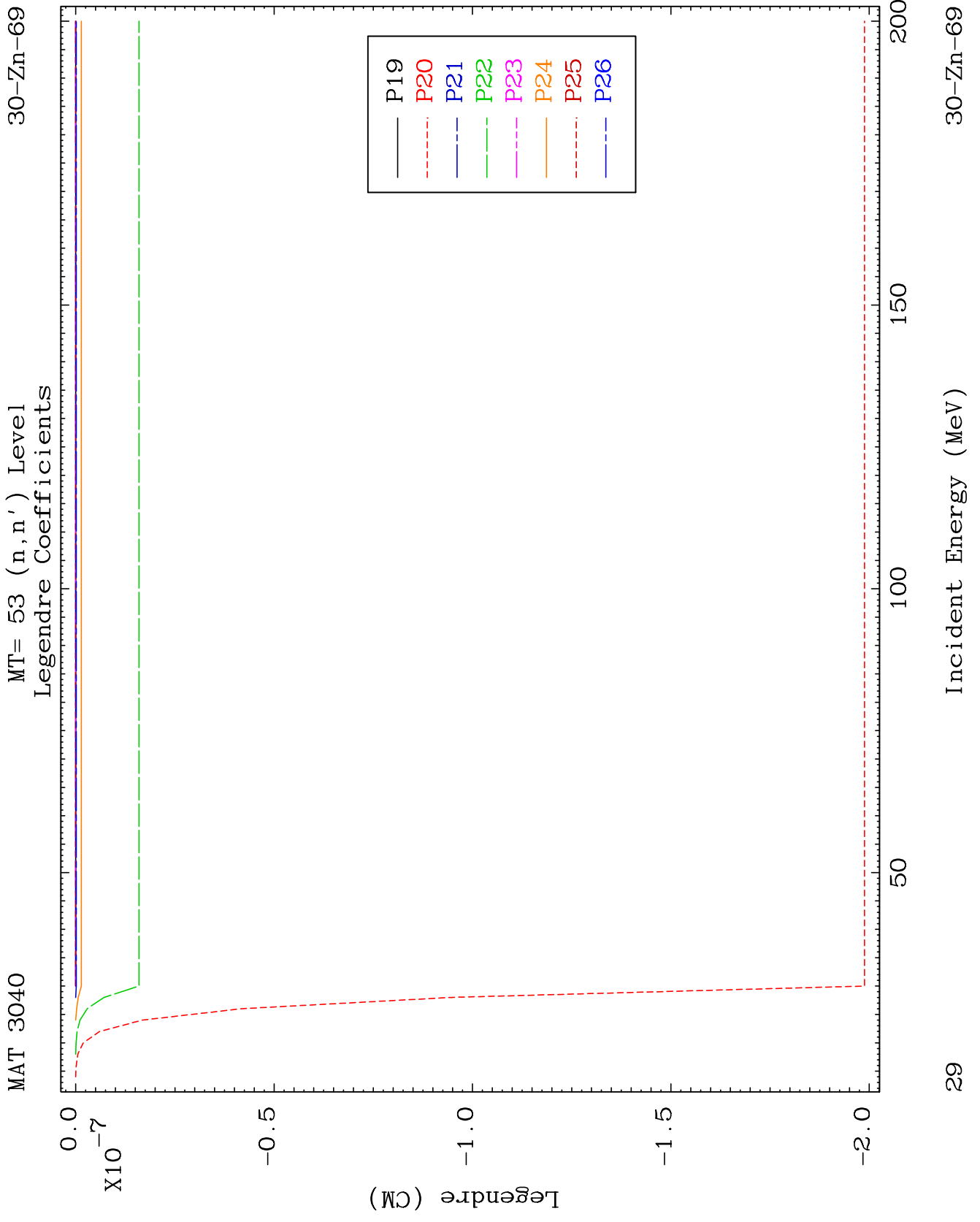
MAT 3040

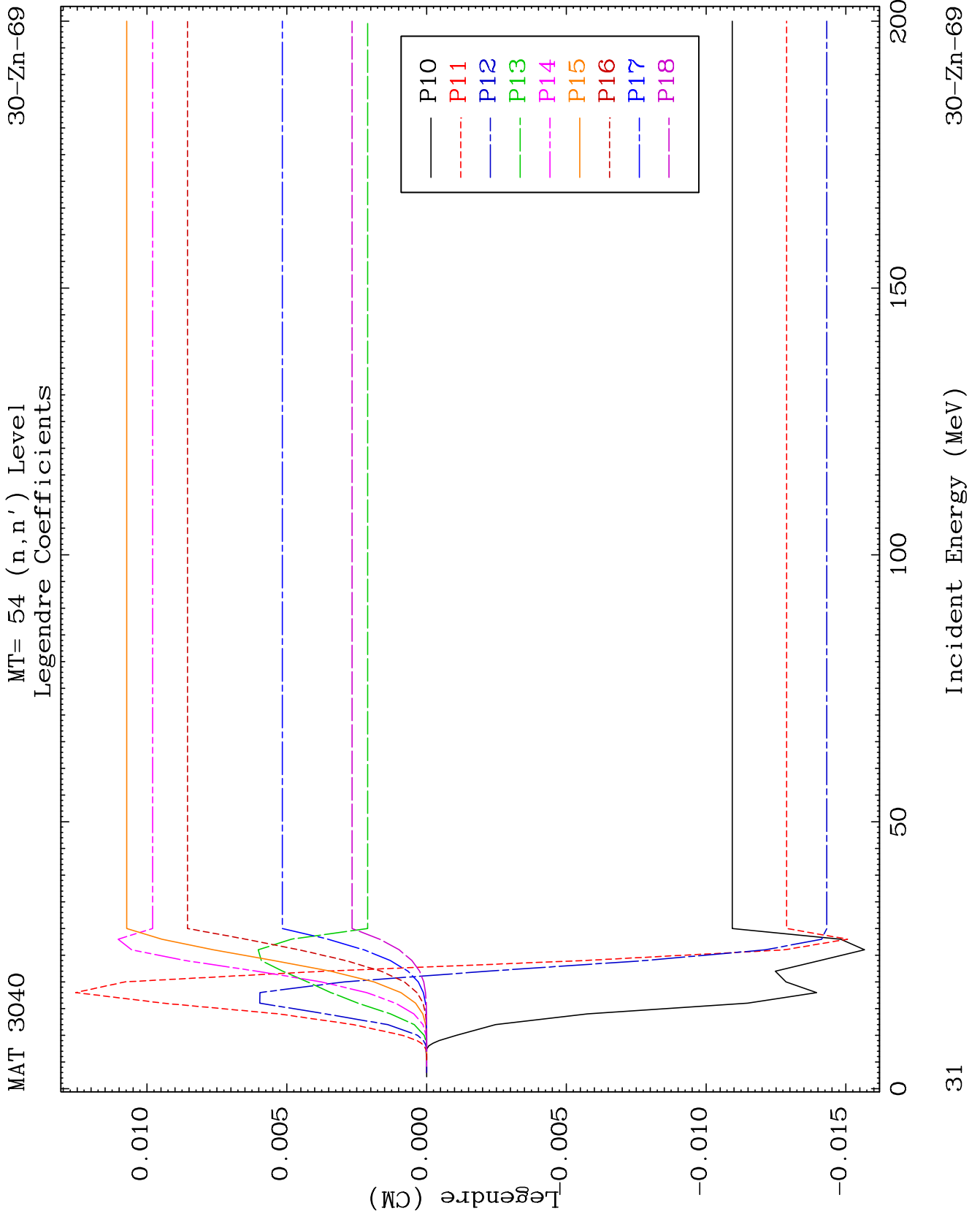
MT= 53 (n,n') Level
Legendre Coefficients

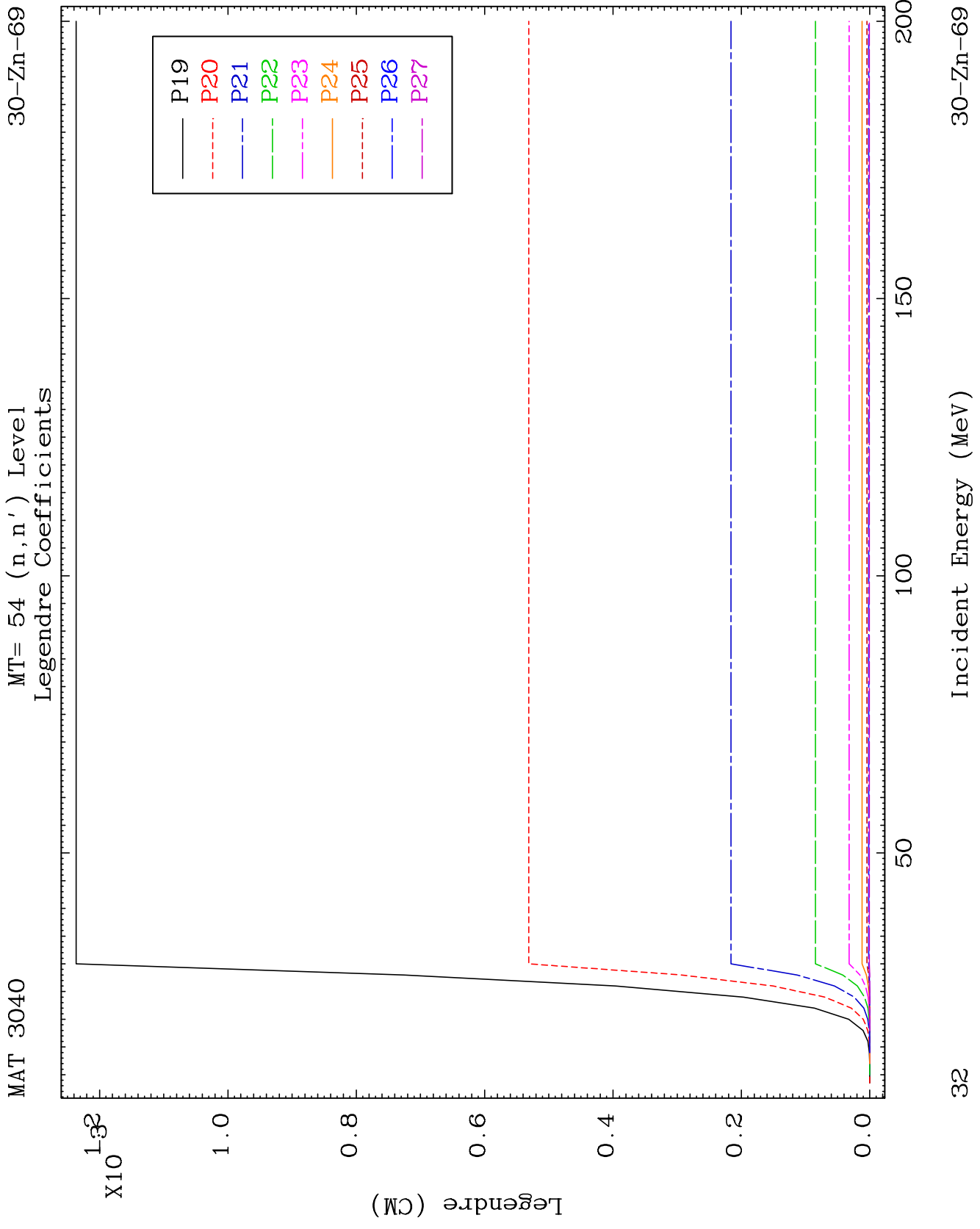
30-Zn-69

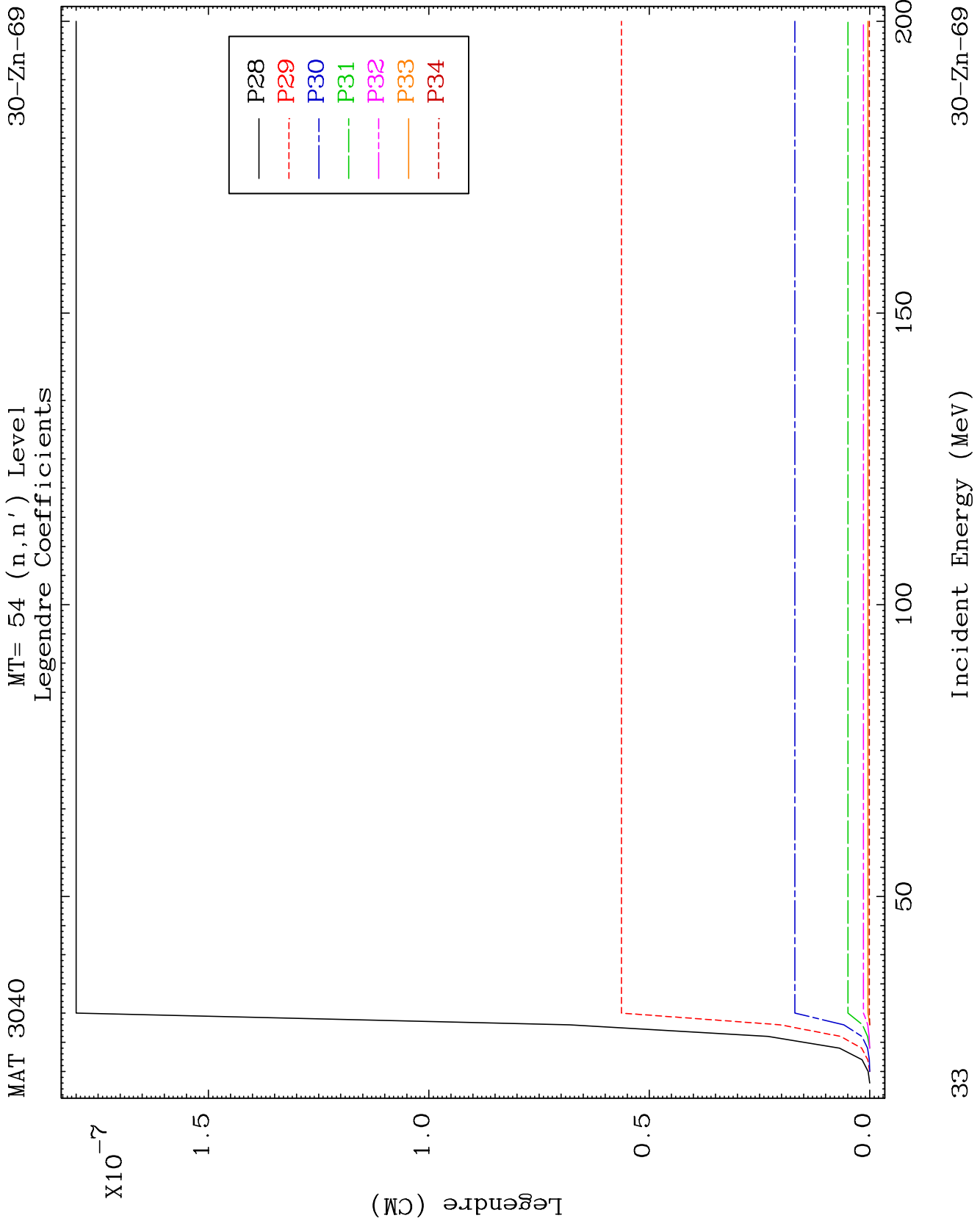


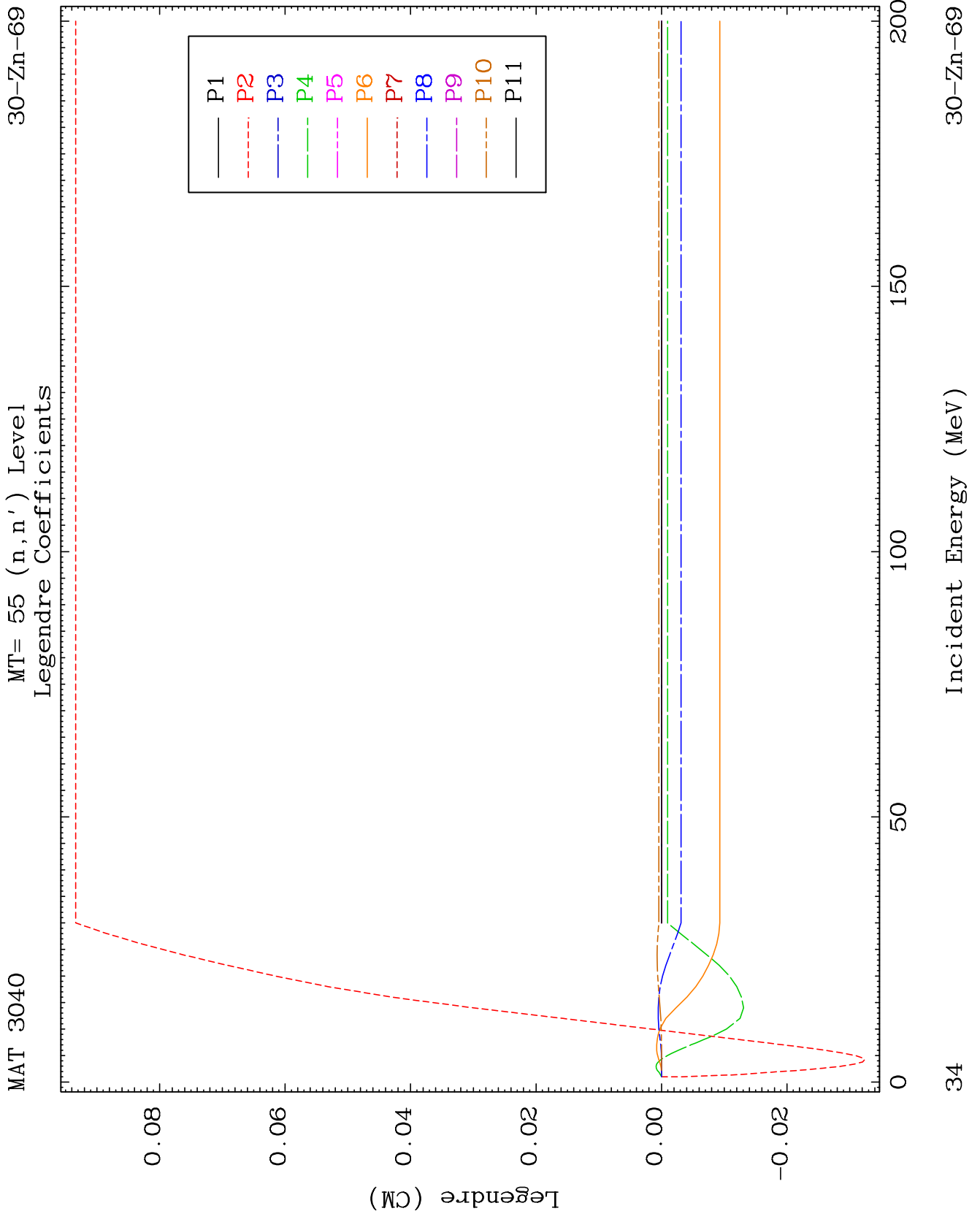
28







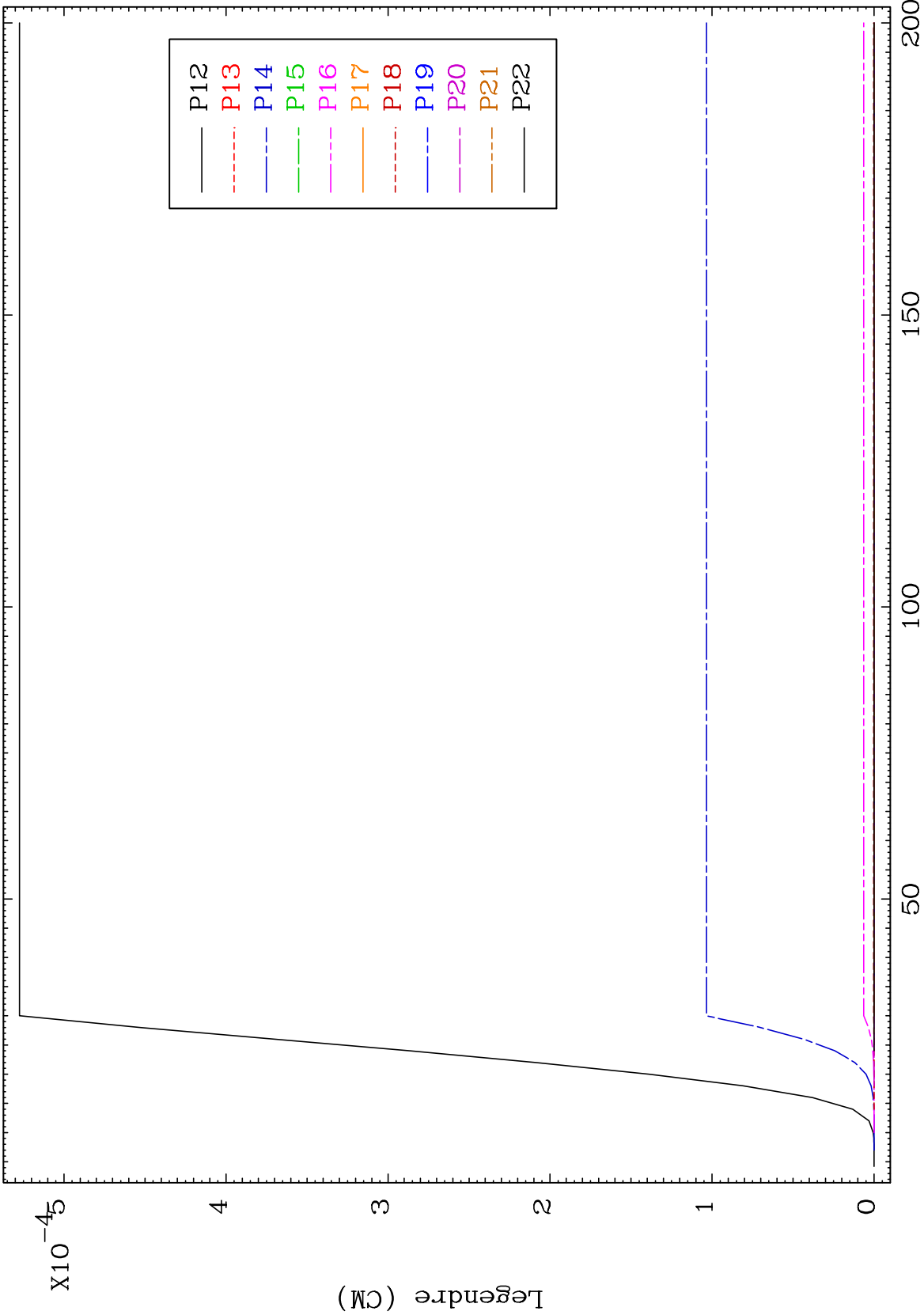




MAT 3040

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

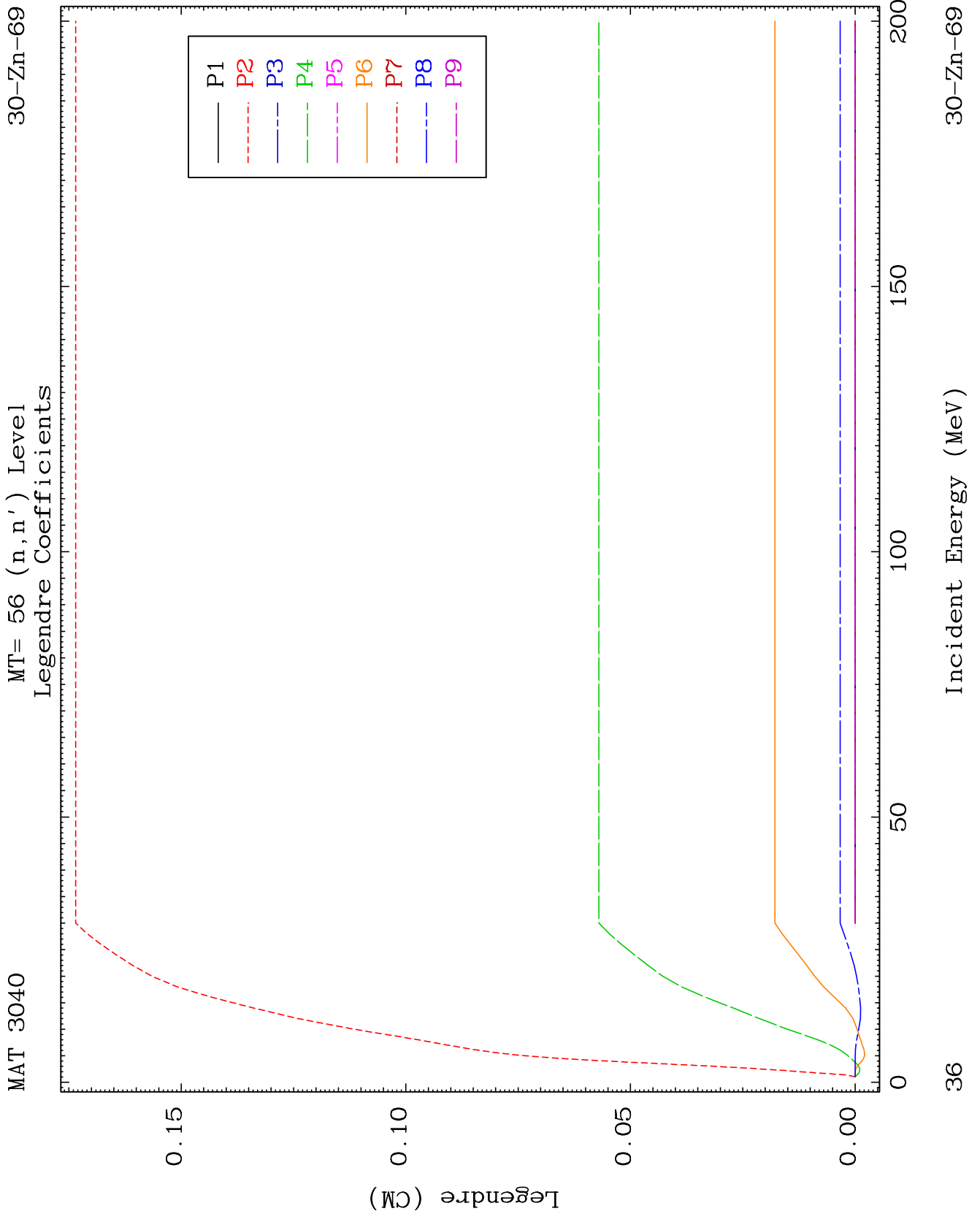
30-Zn-69



35

Incident Energy (MeV)

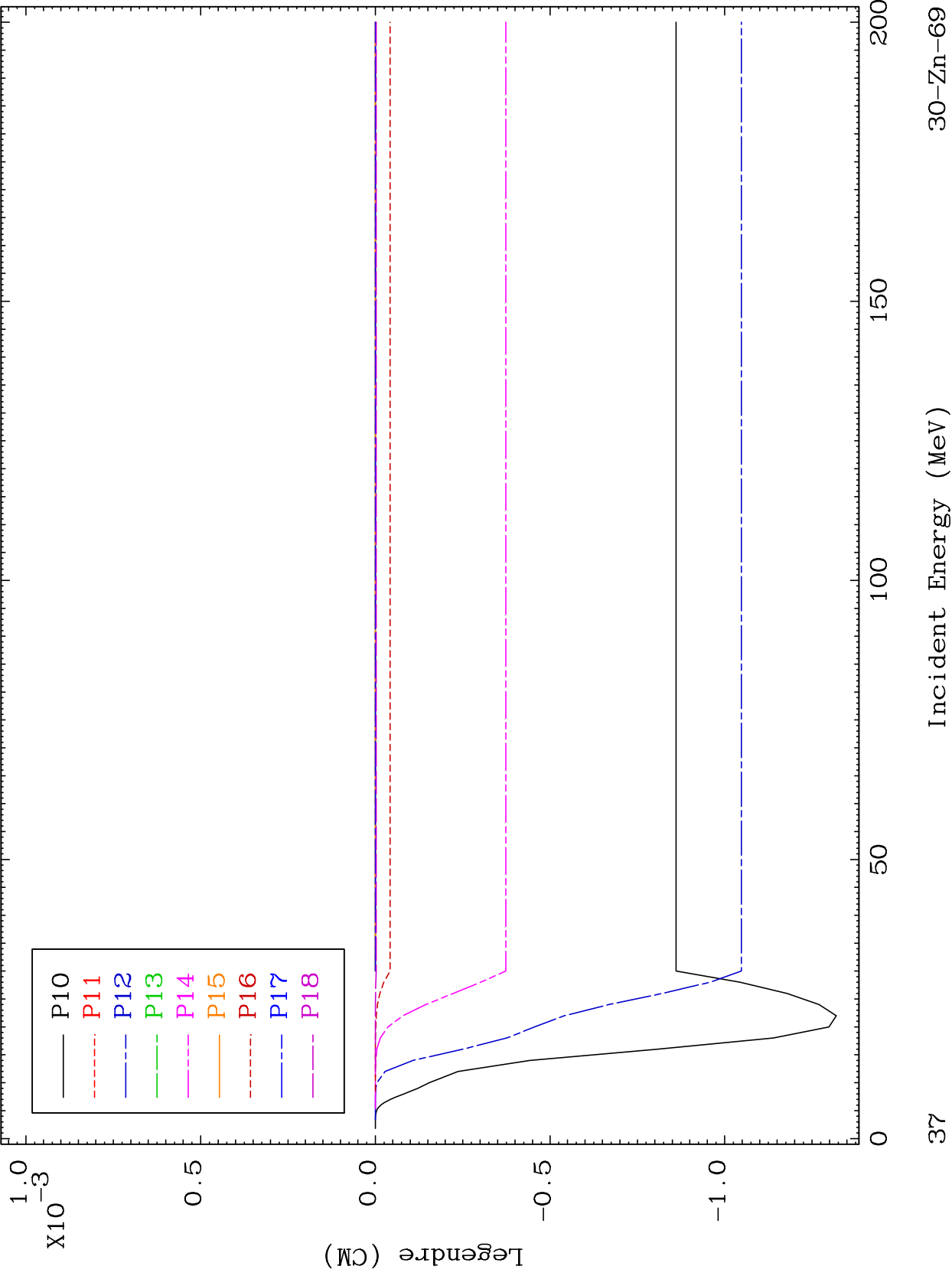
30-Zn-69



MAT 3040

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

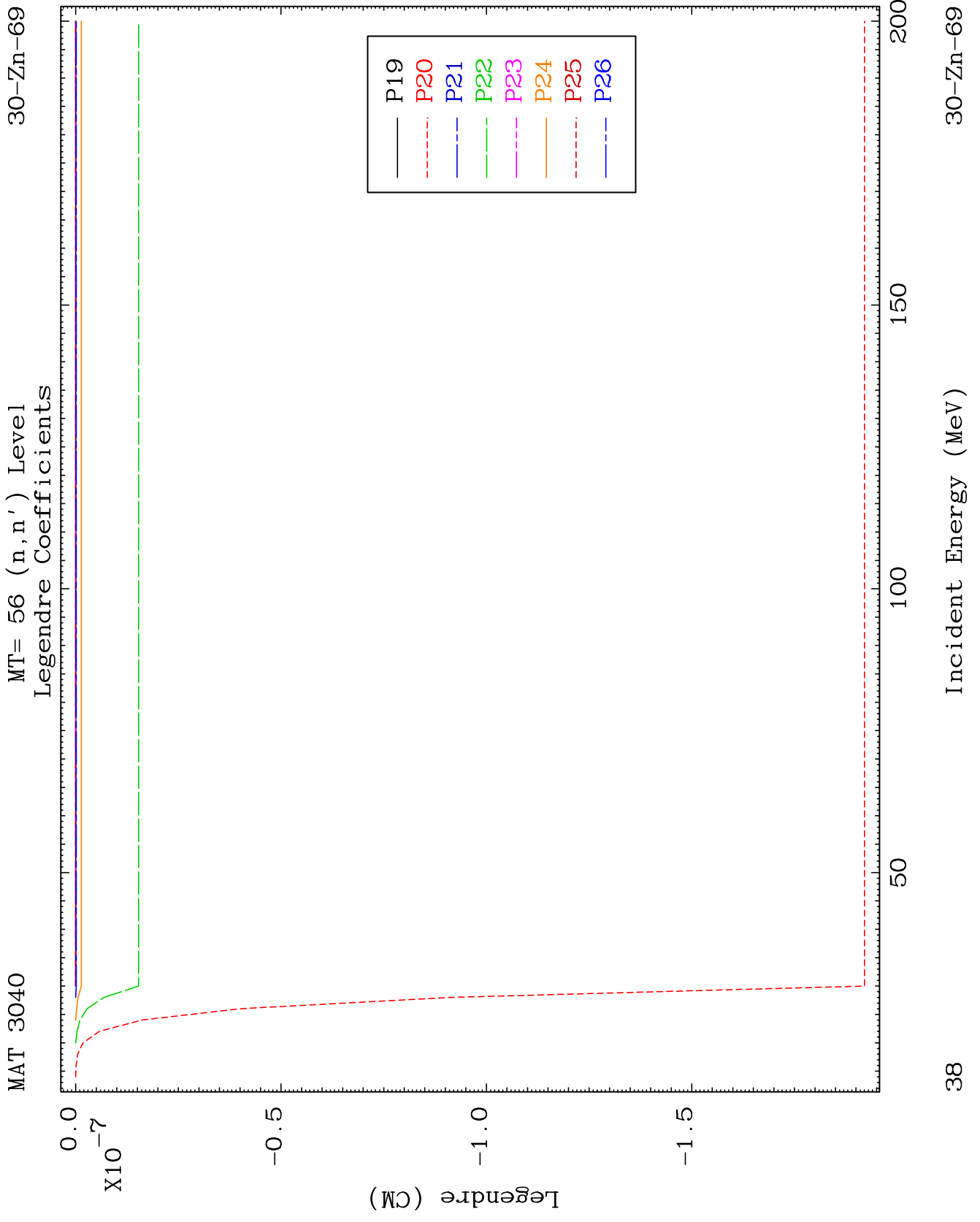
30-Zn-69

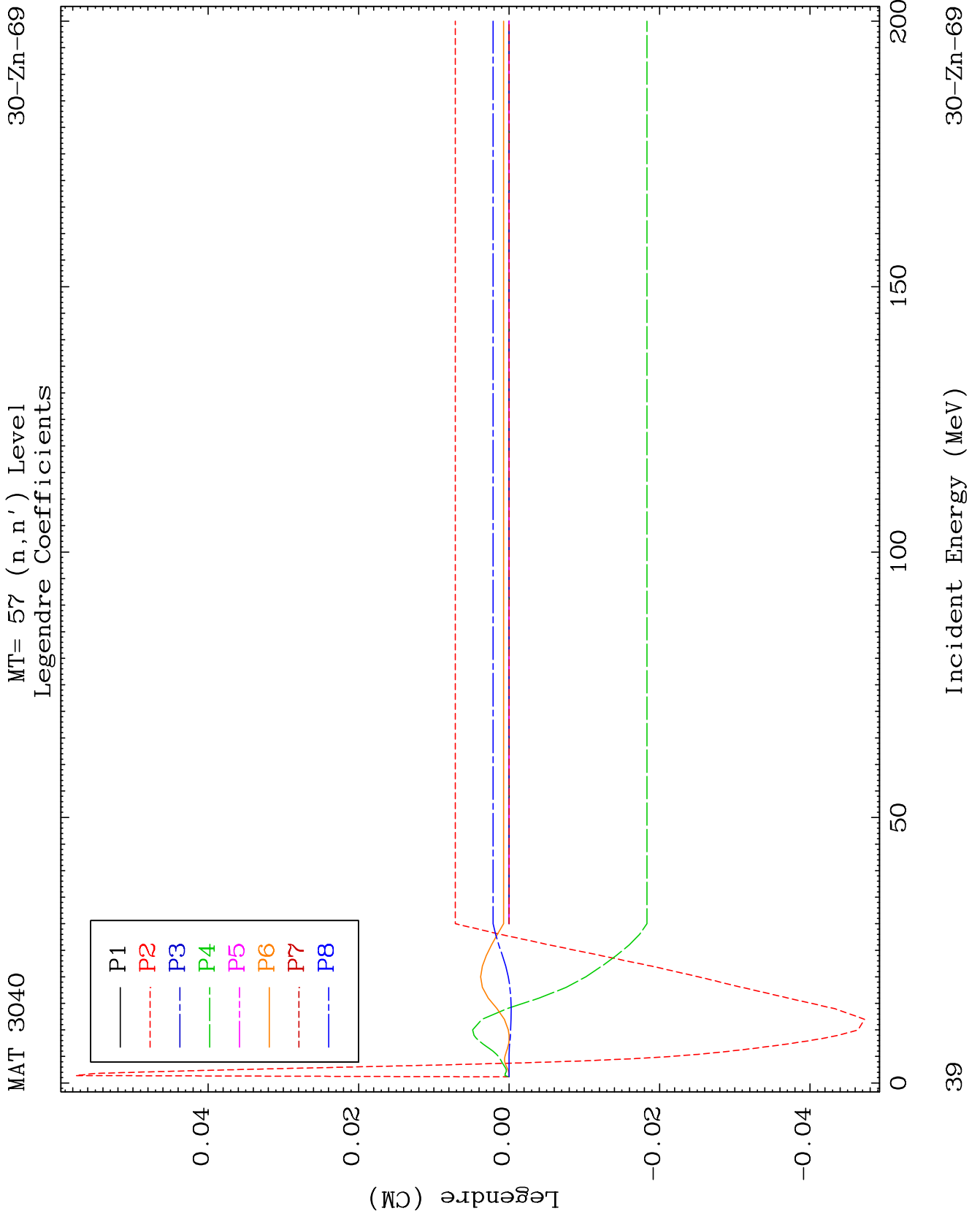


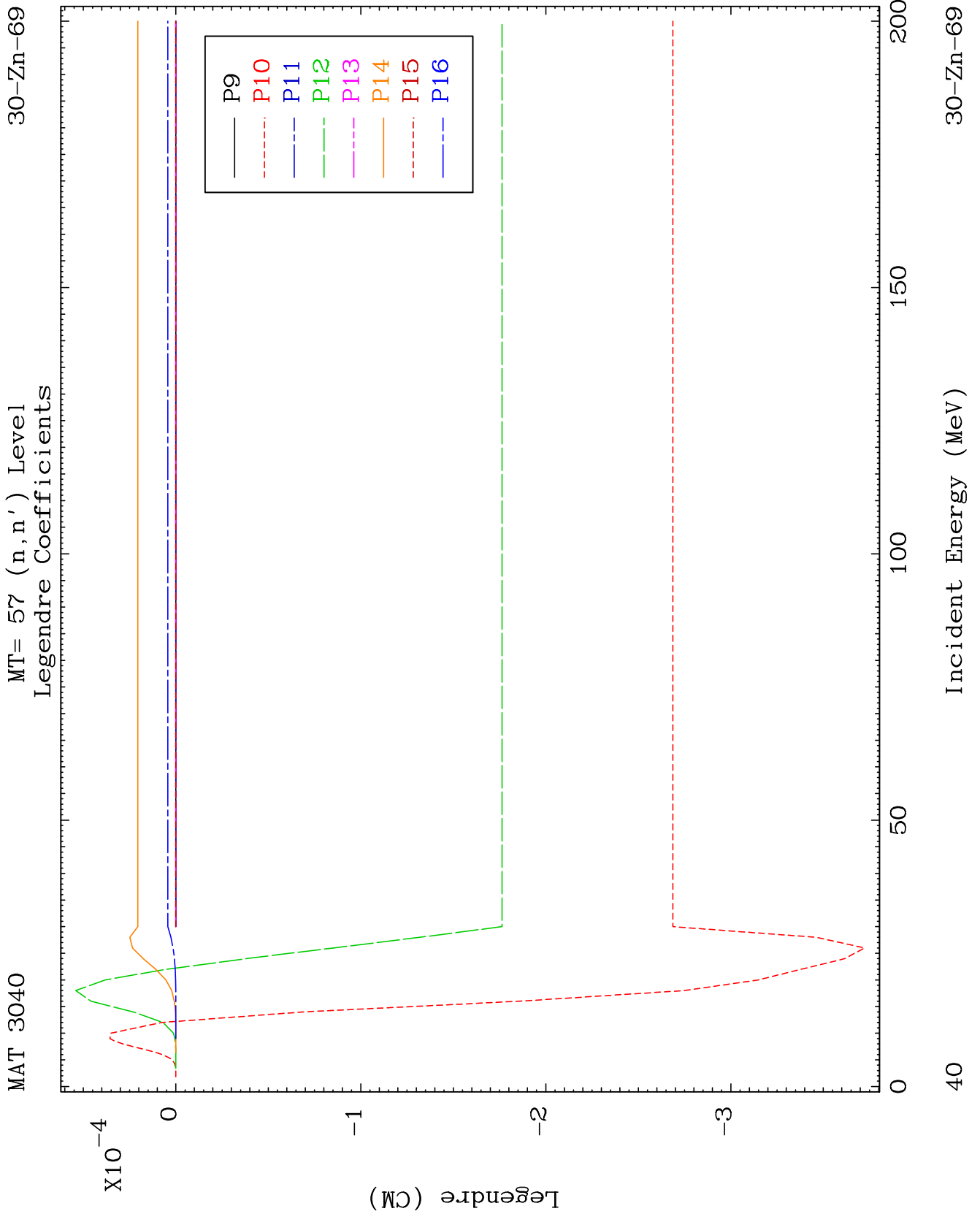
37

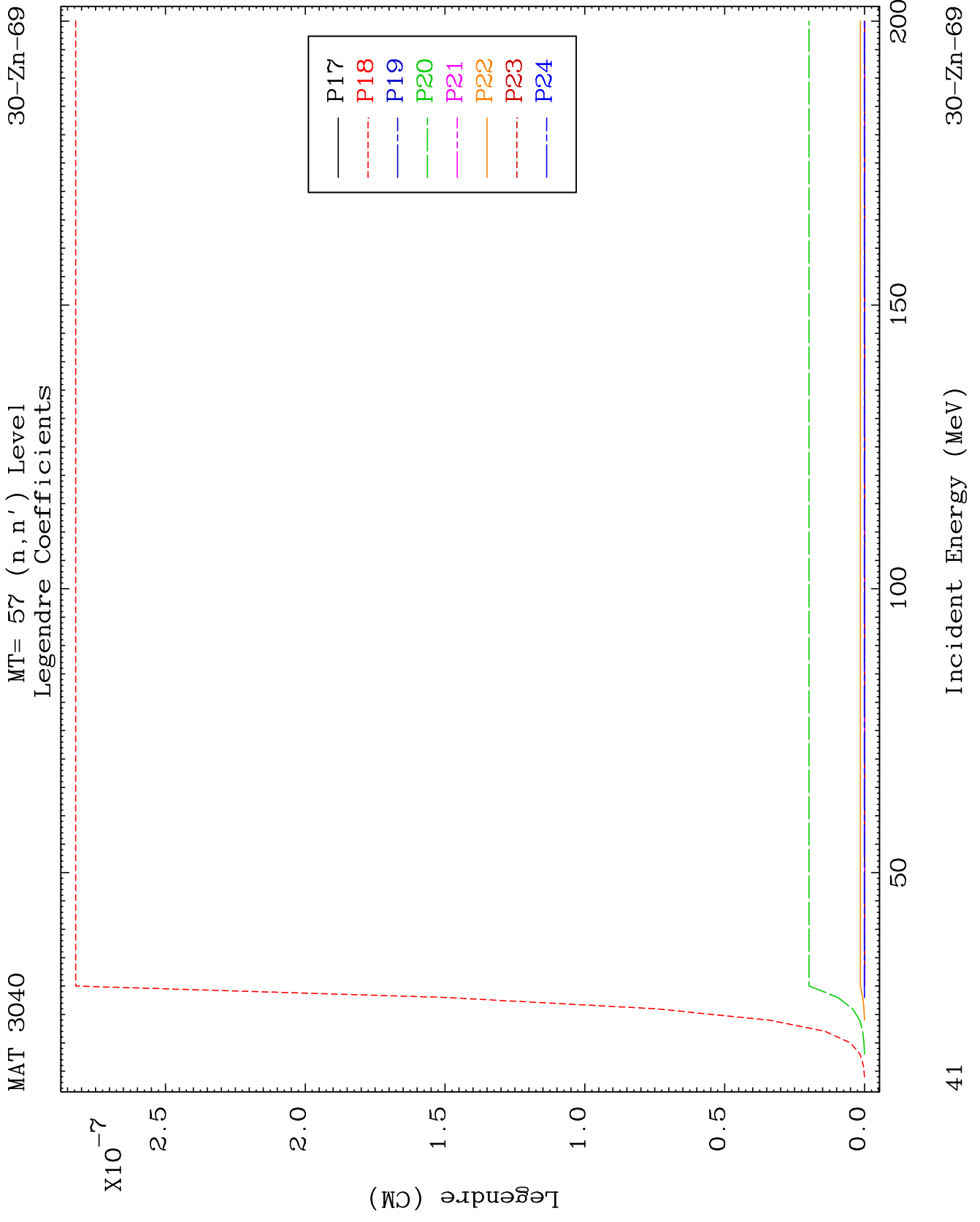
Incident Energy (MeV)

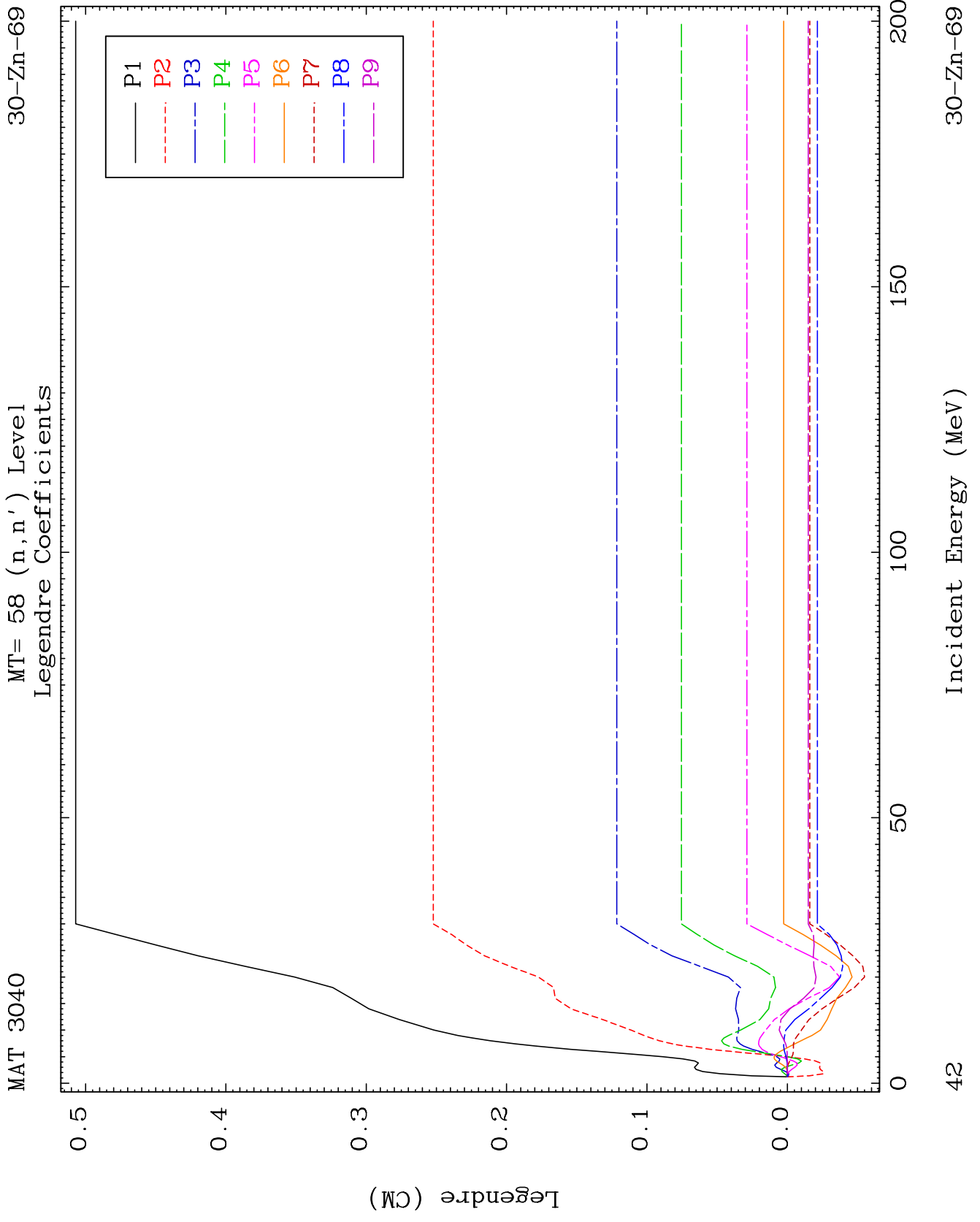
30-Zn-69

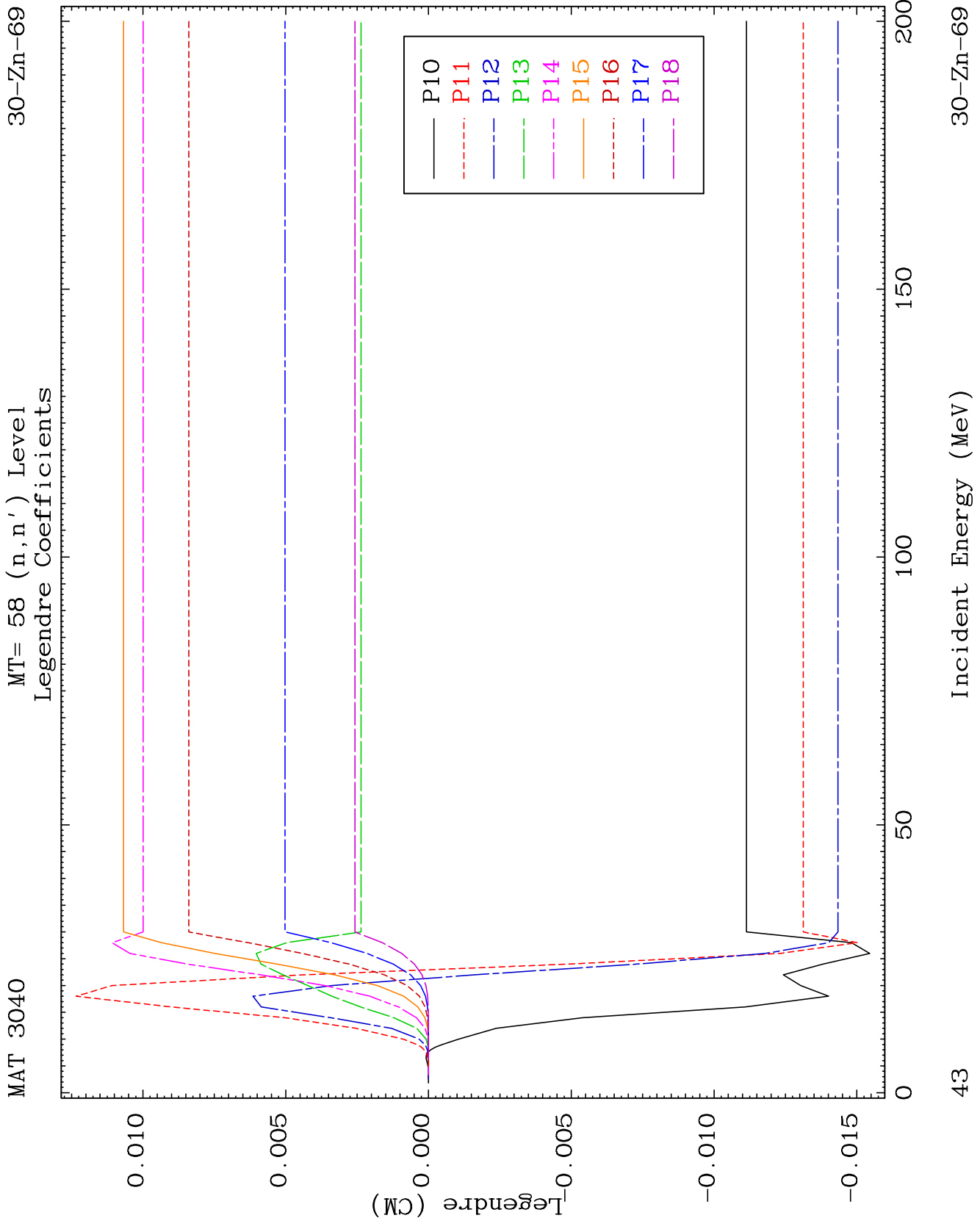


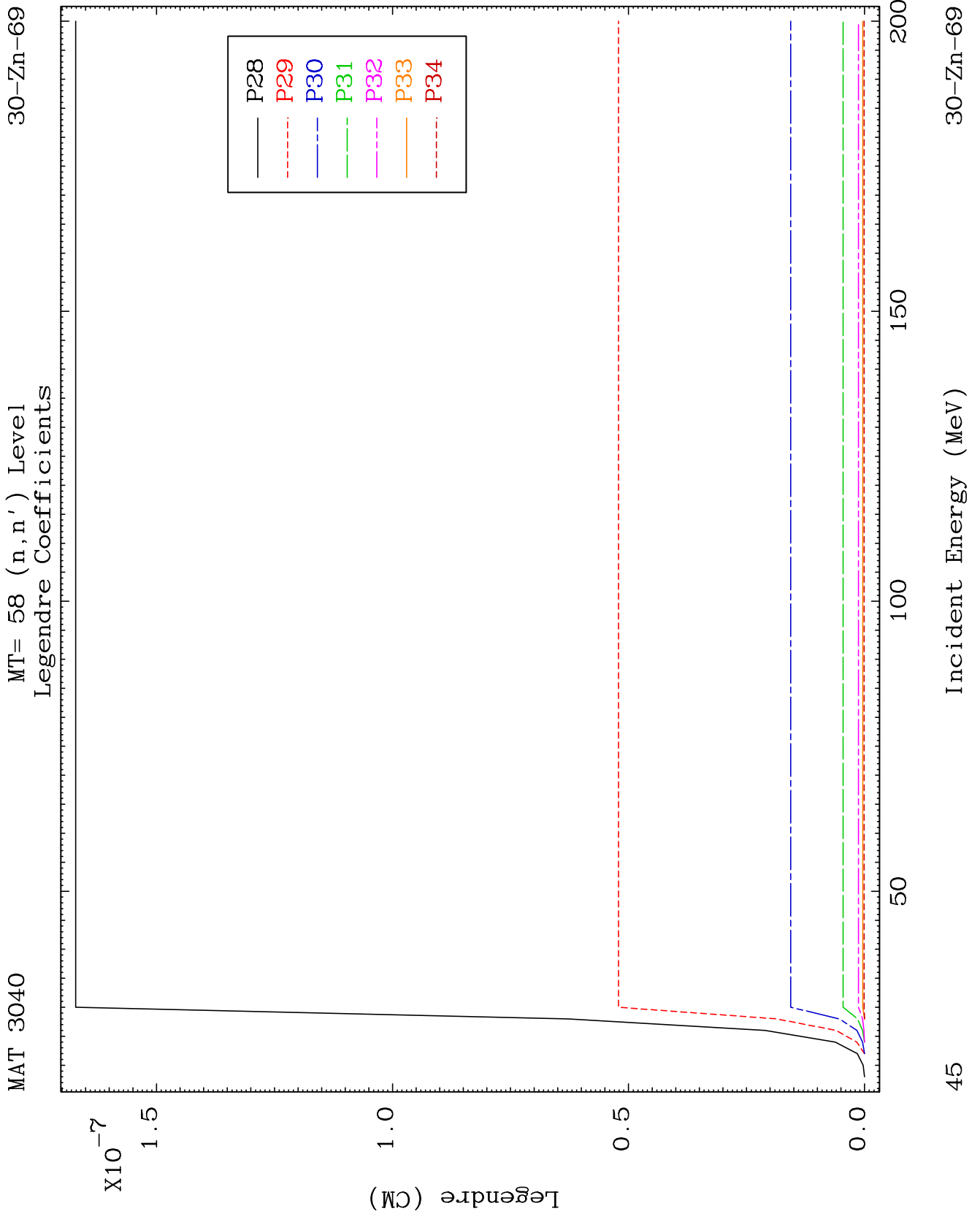


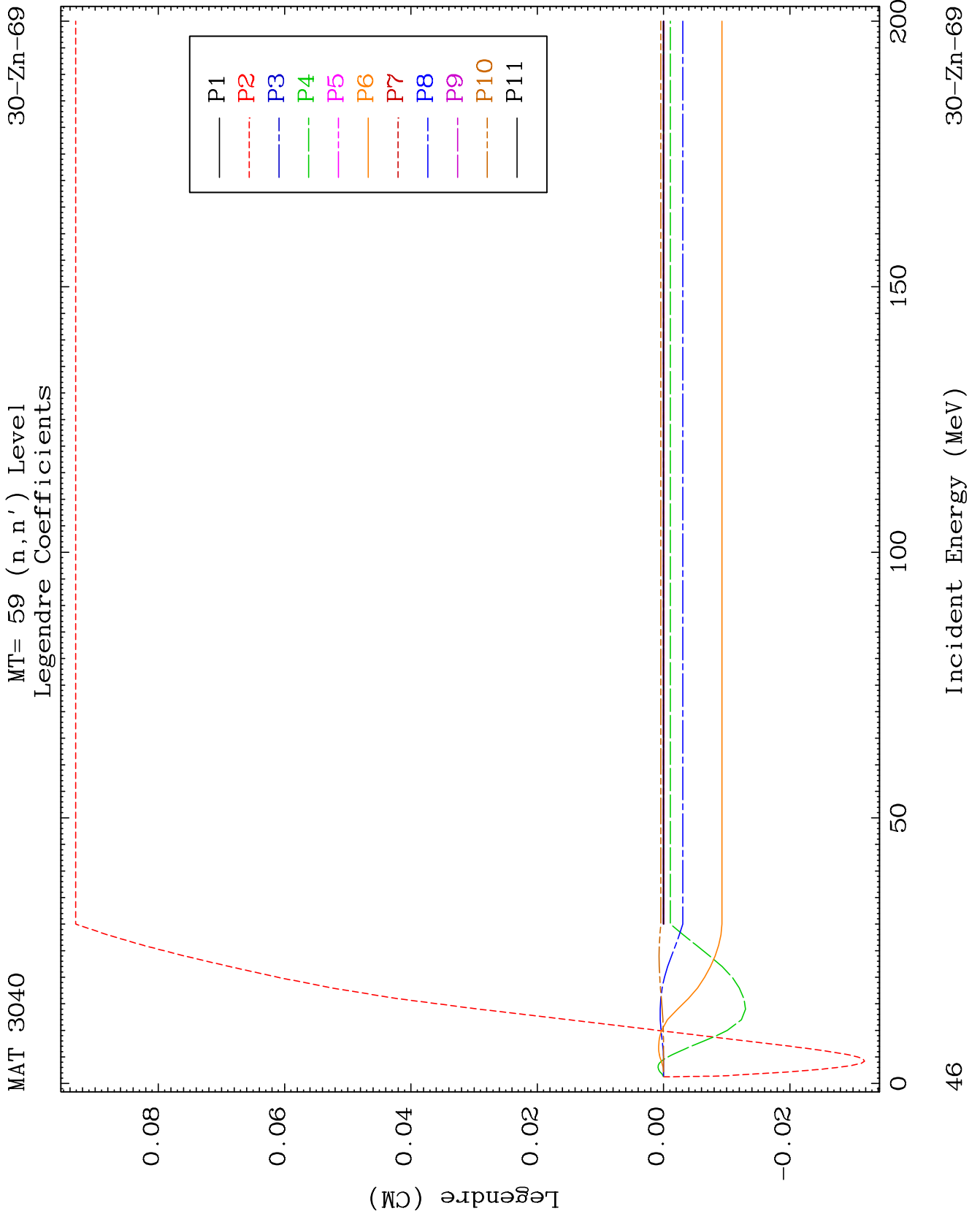








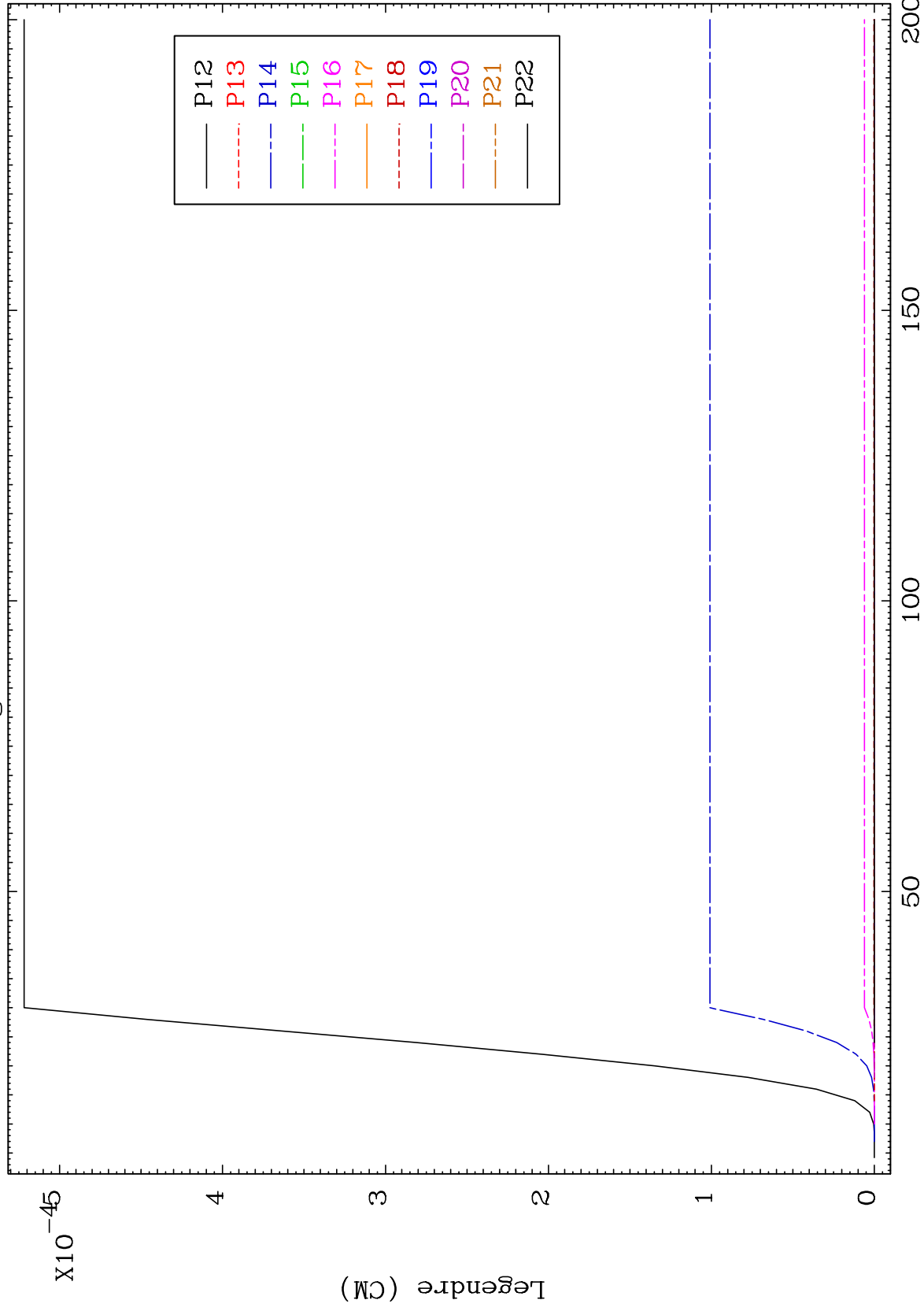




MAT 3040

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

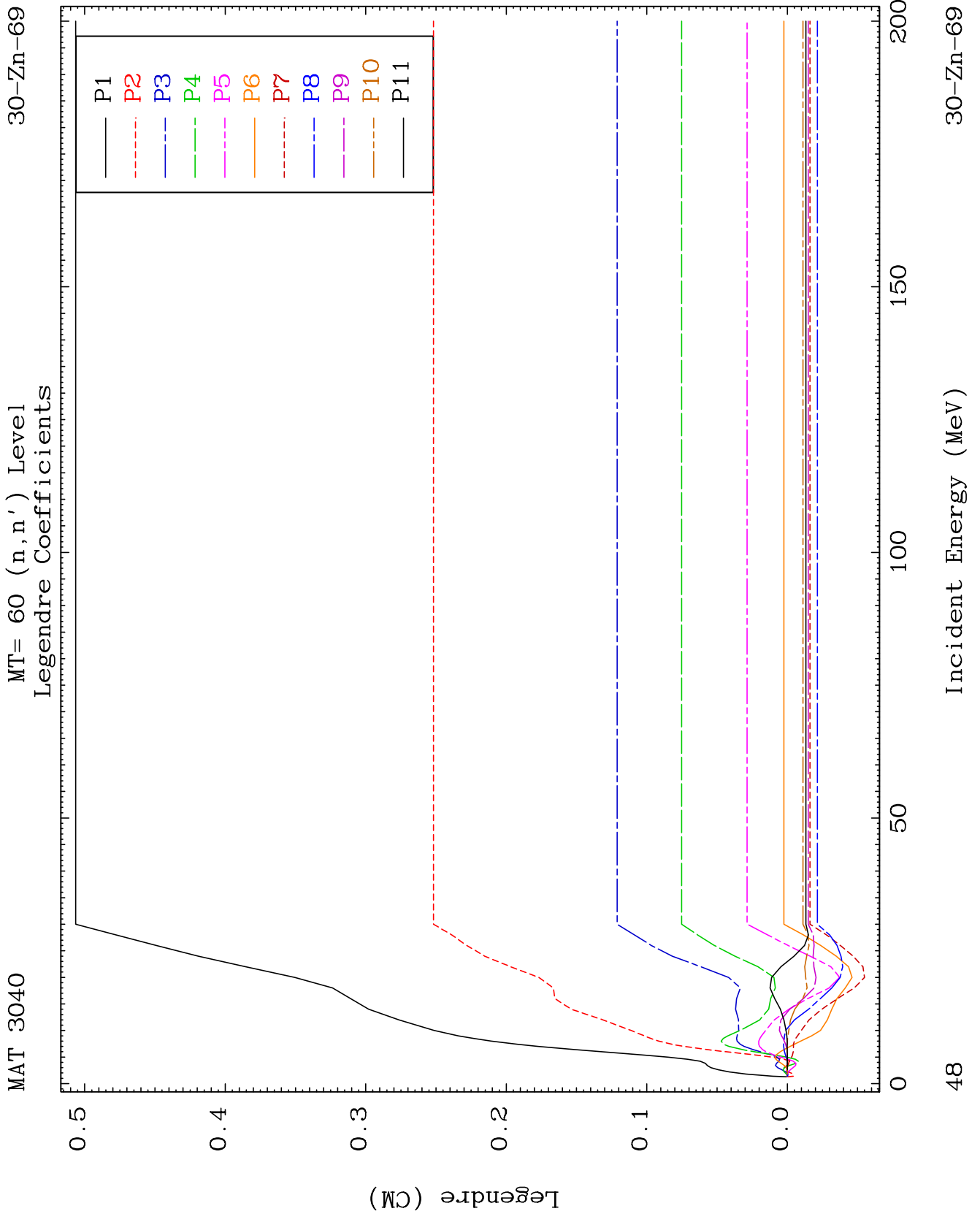
30-Zn-69

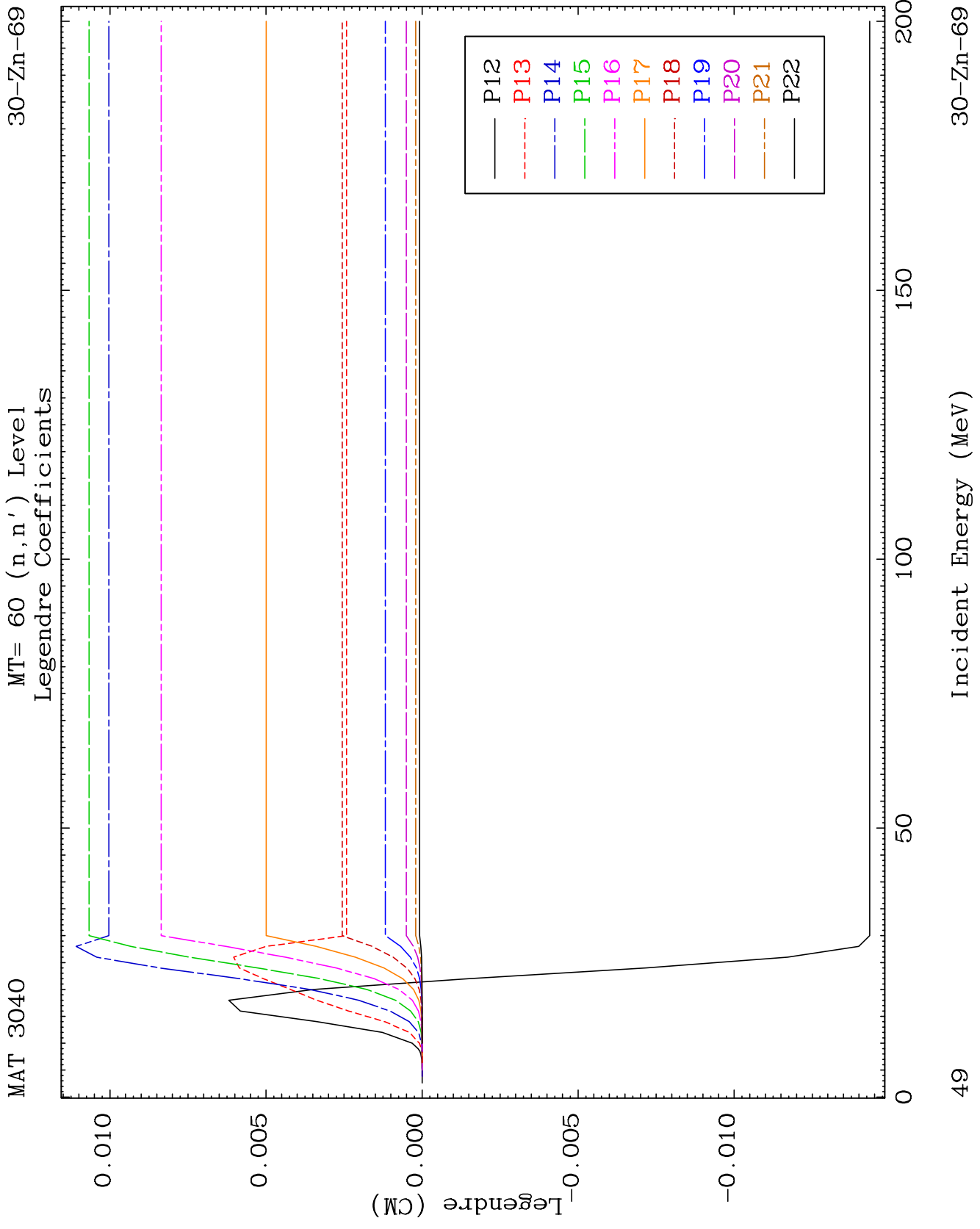


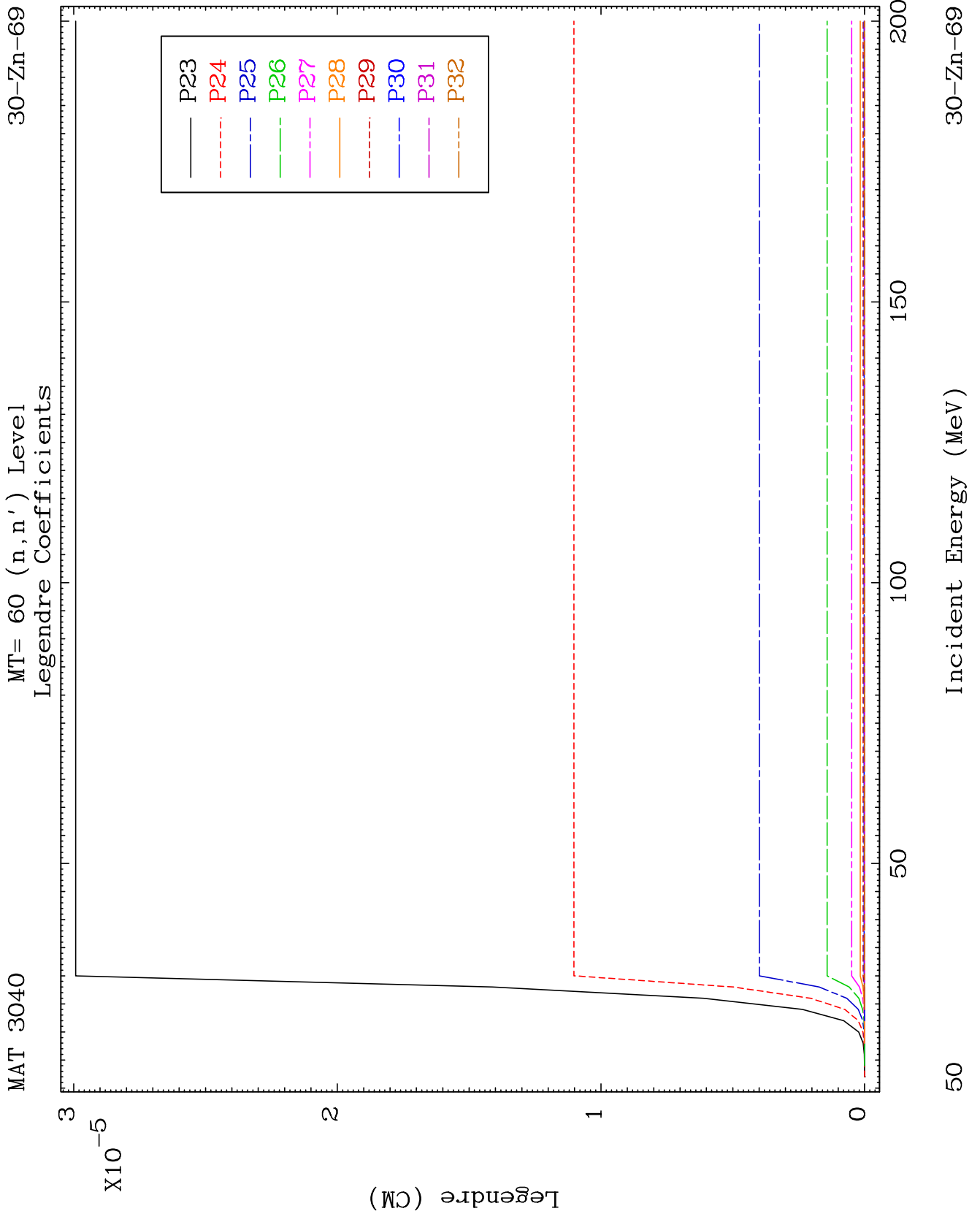
47

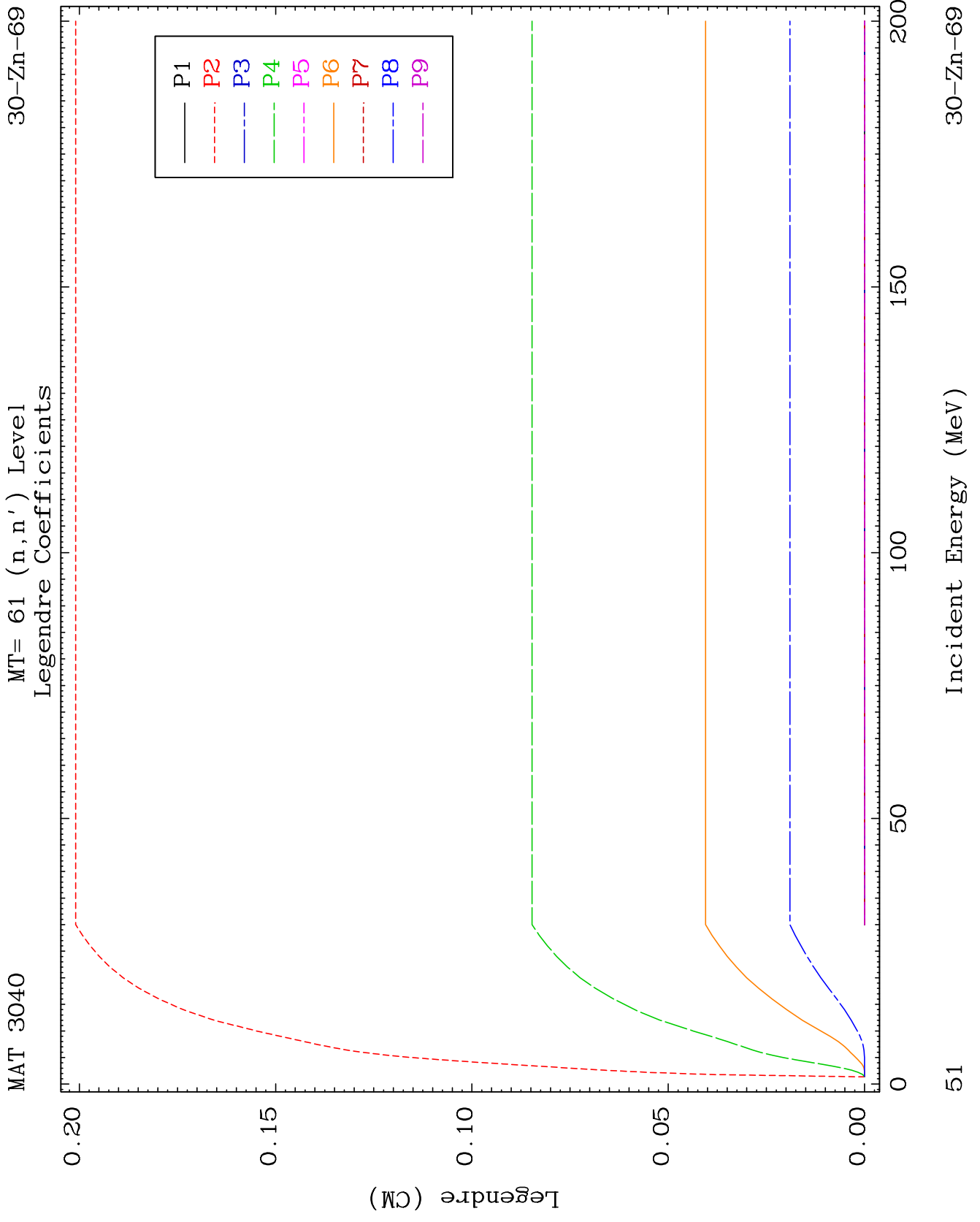
Incident Energy (MeV)

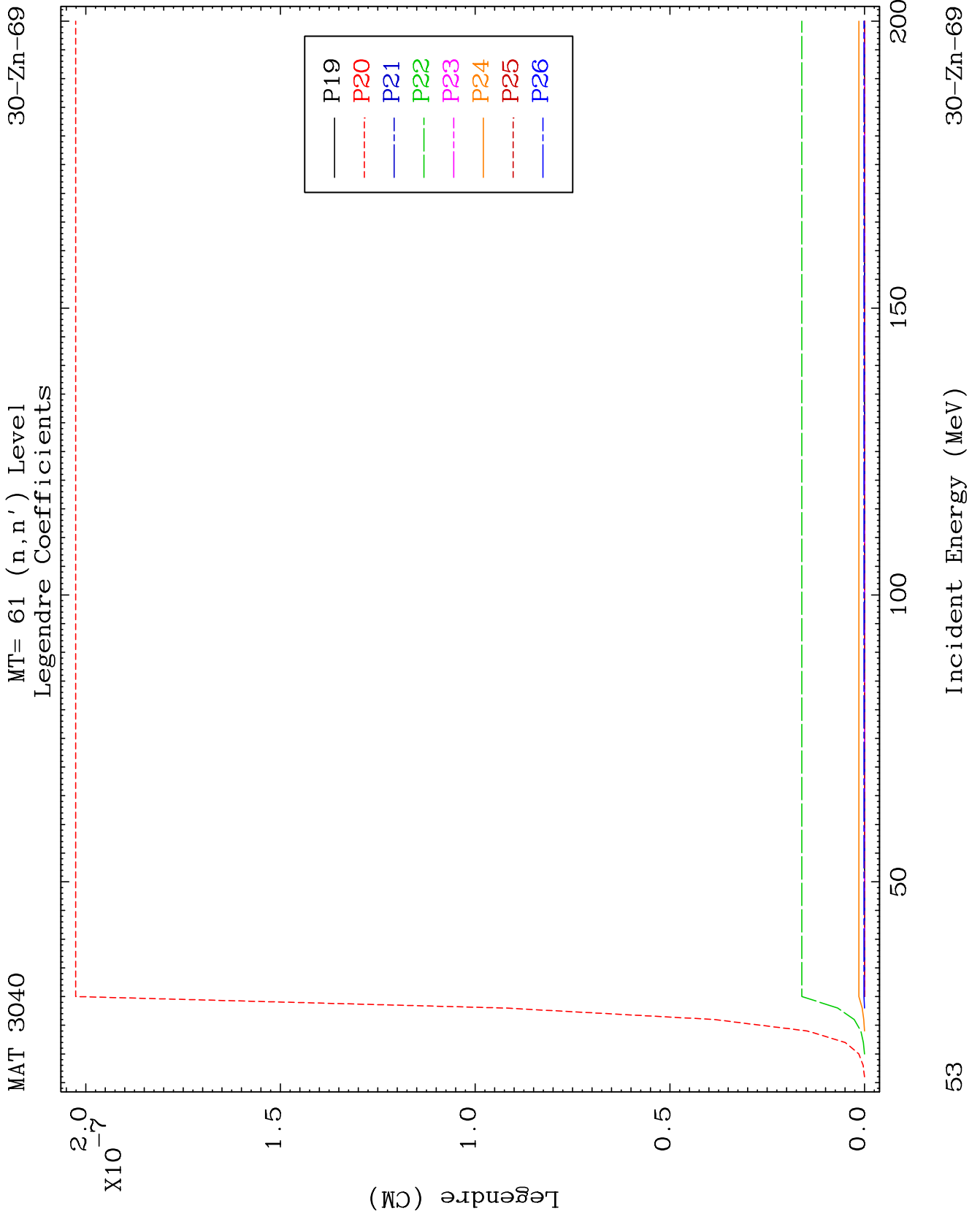
30-Zn-69

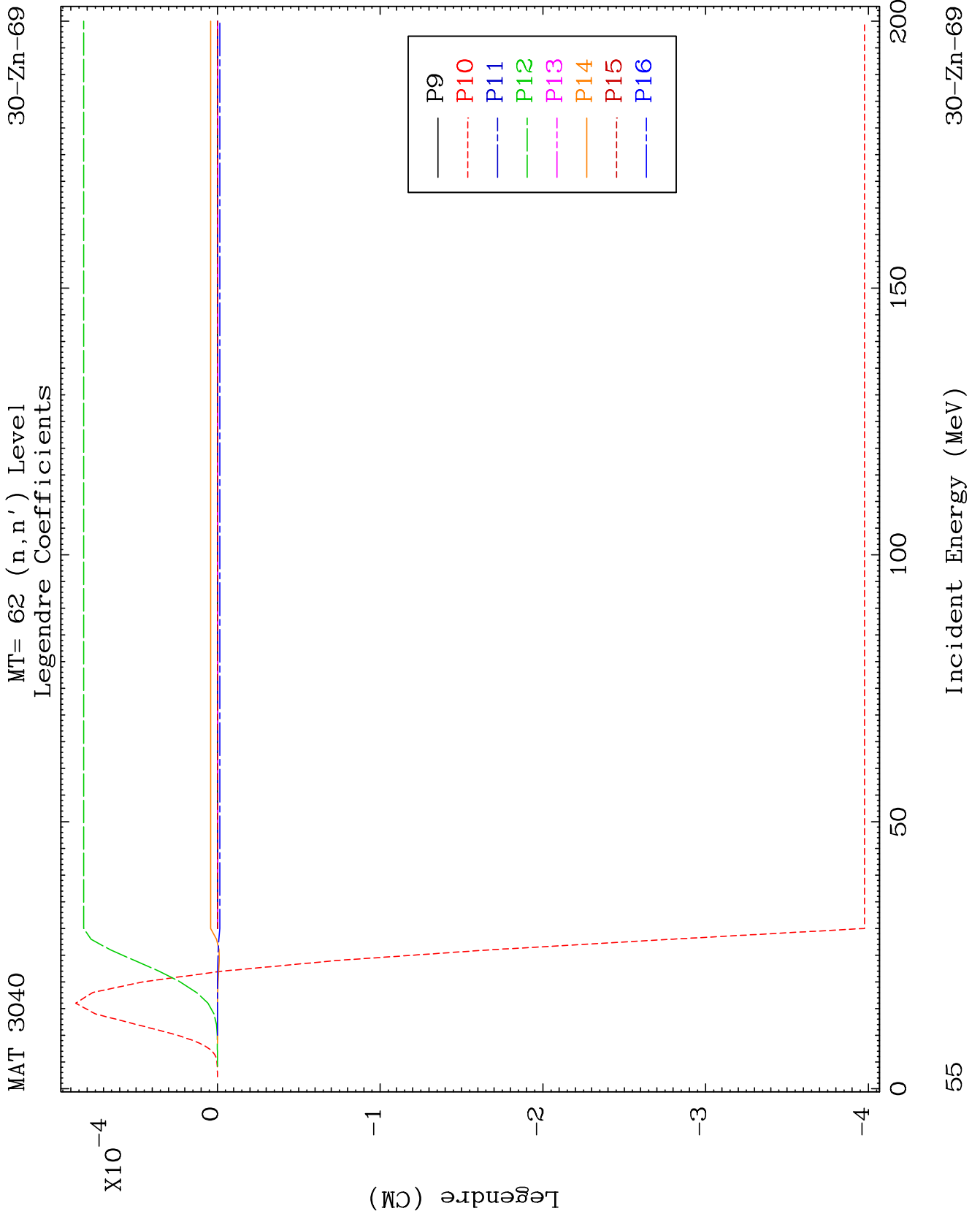


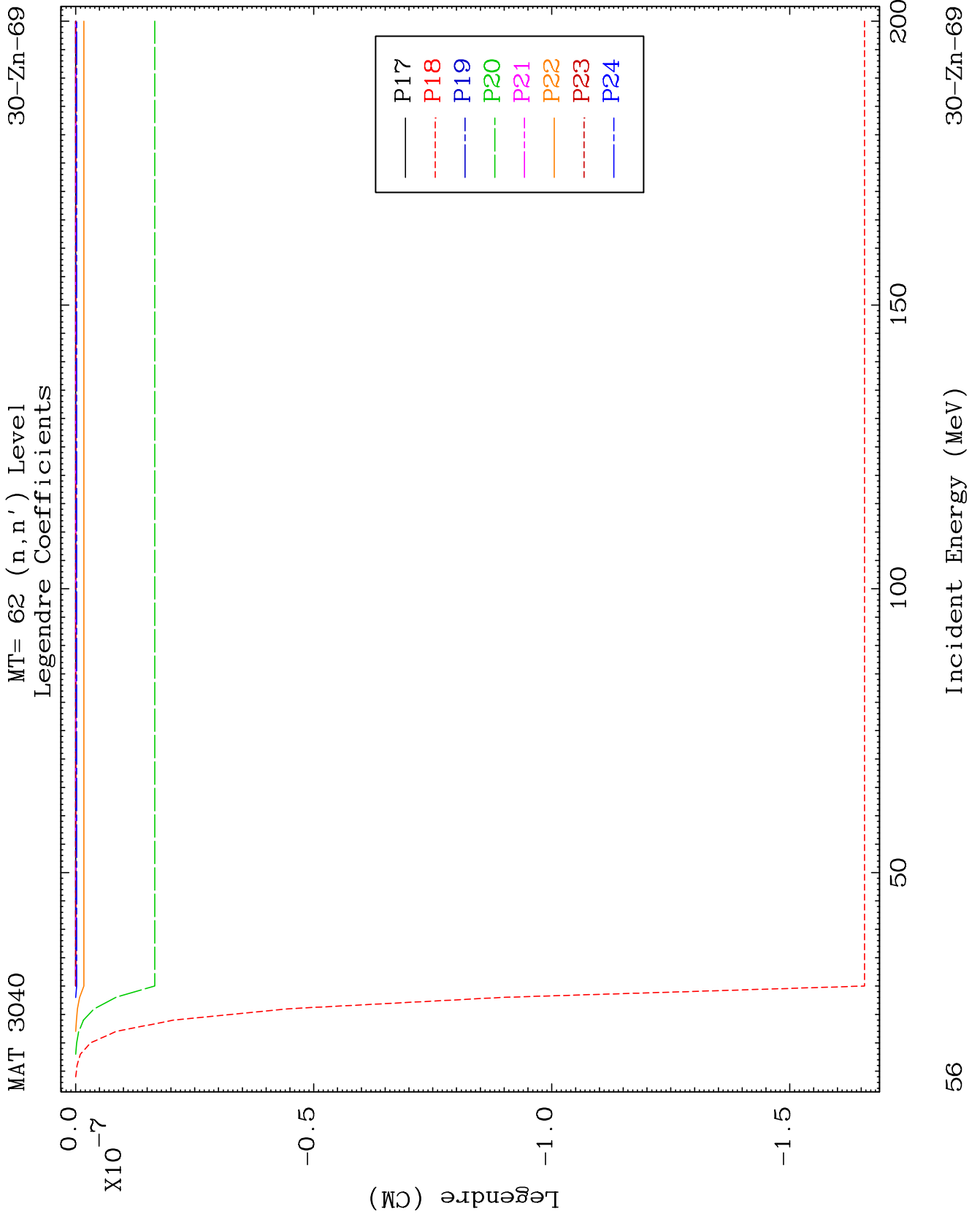


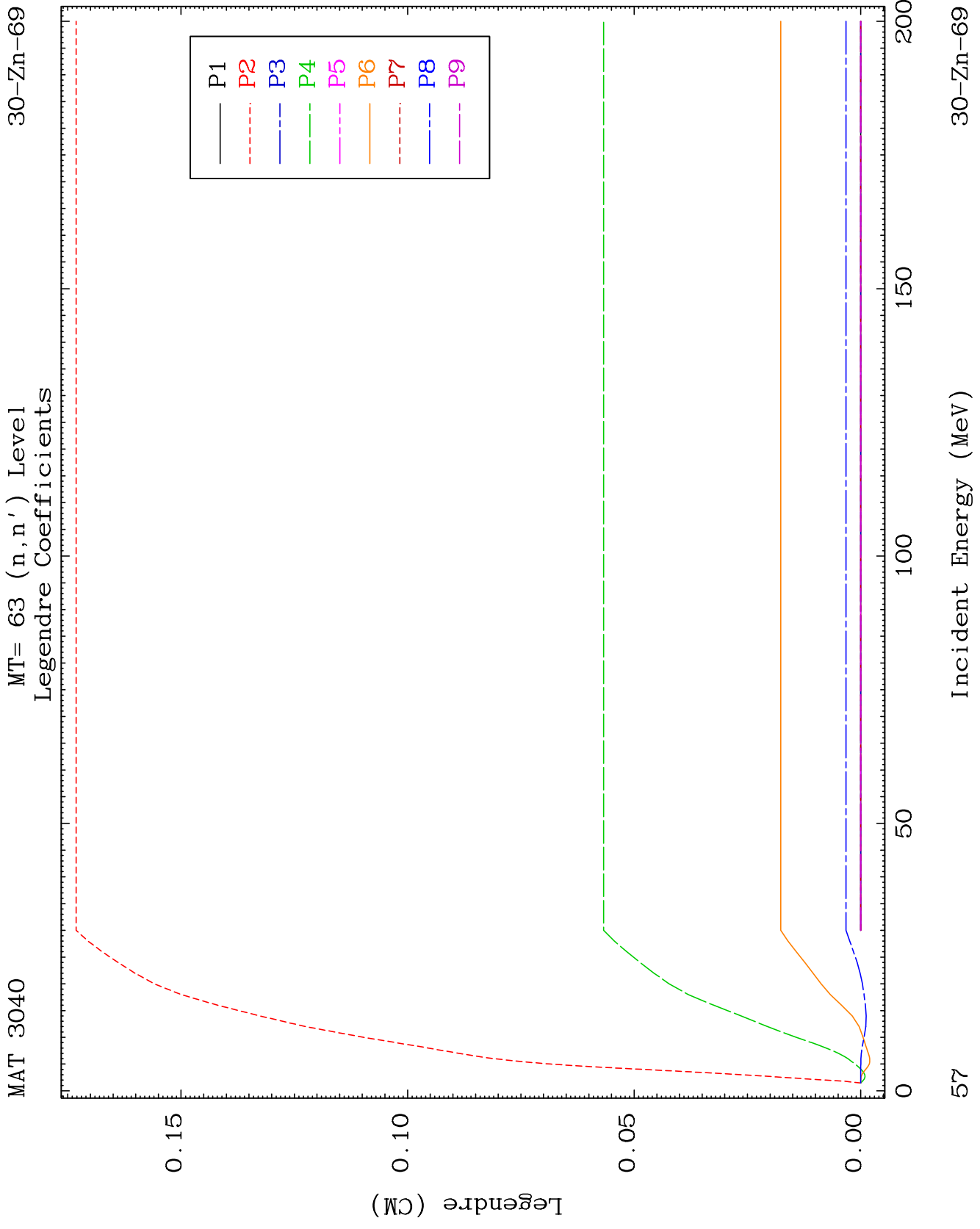


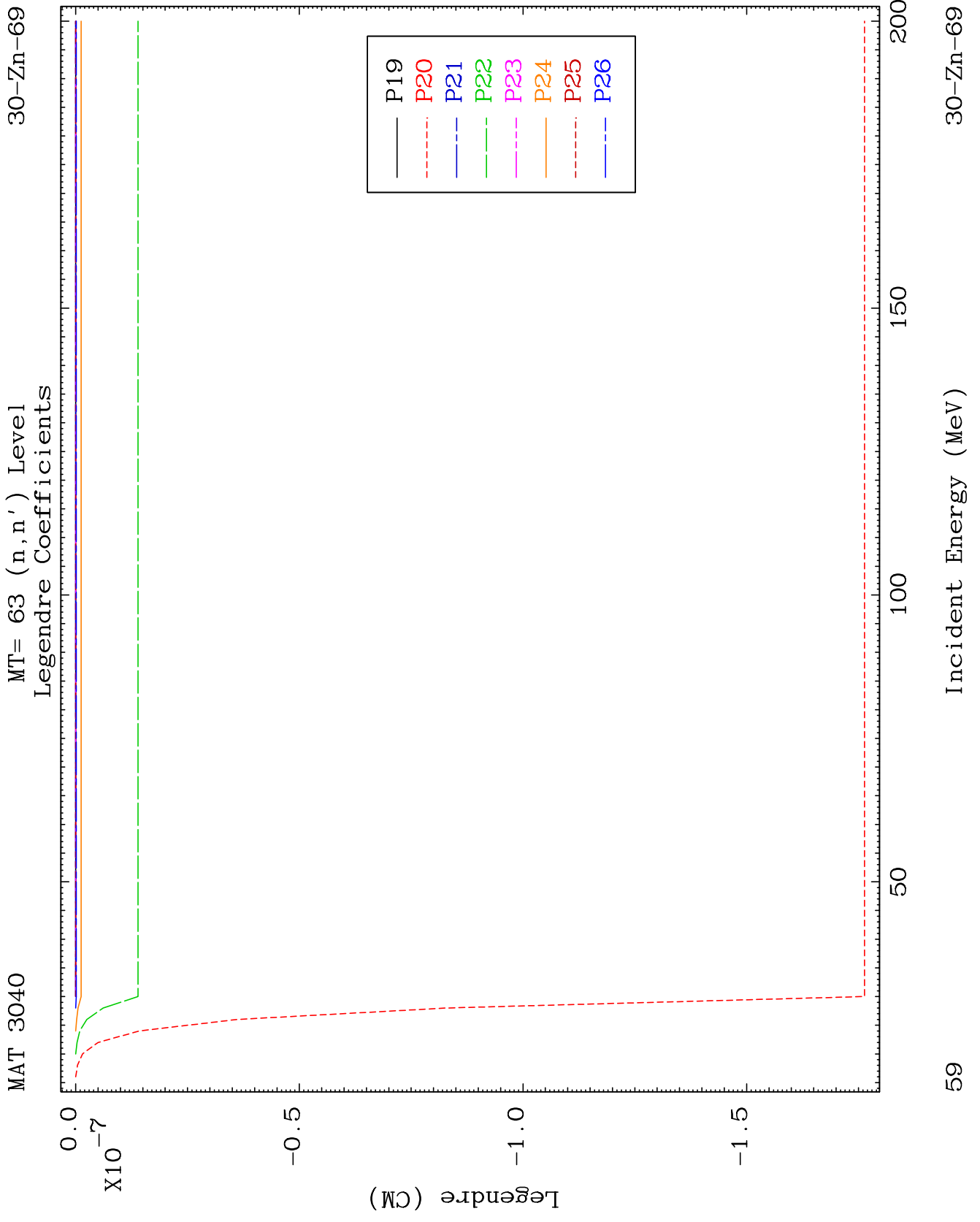


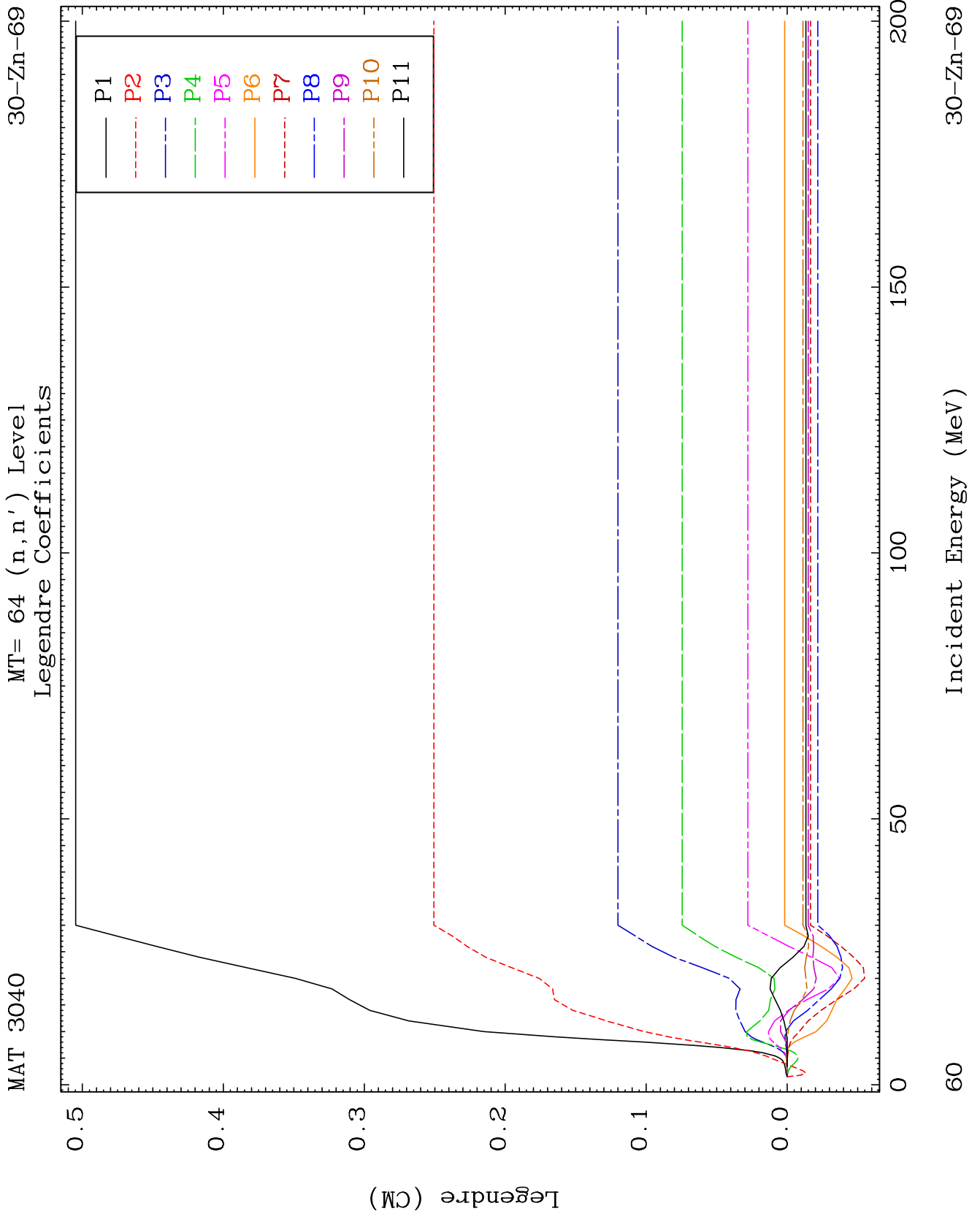


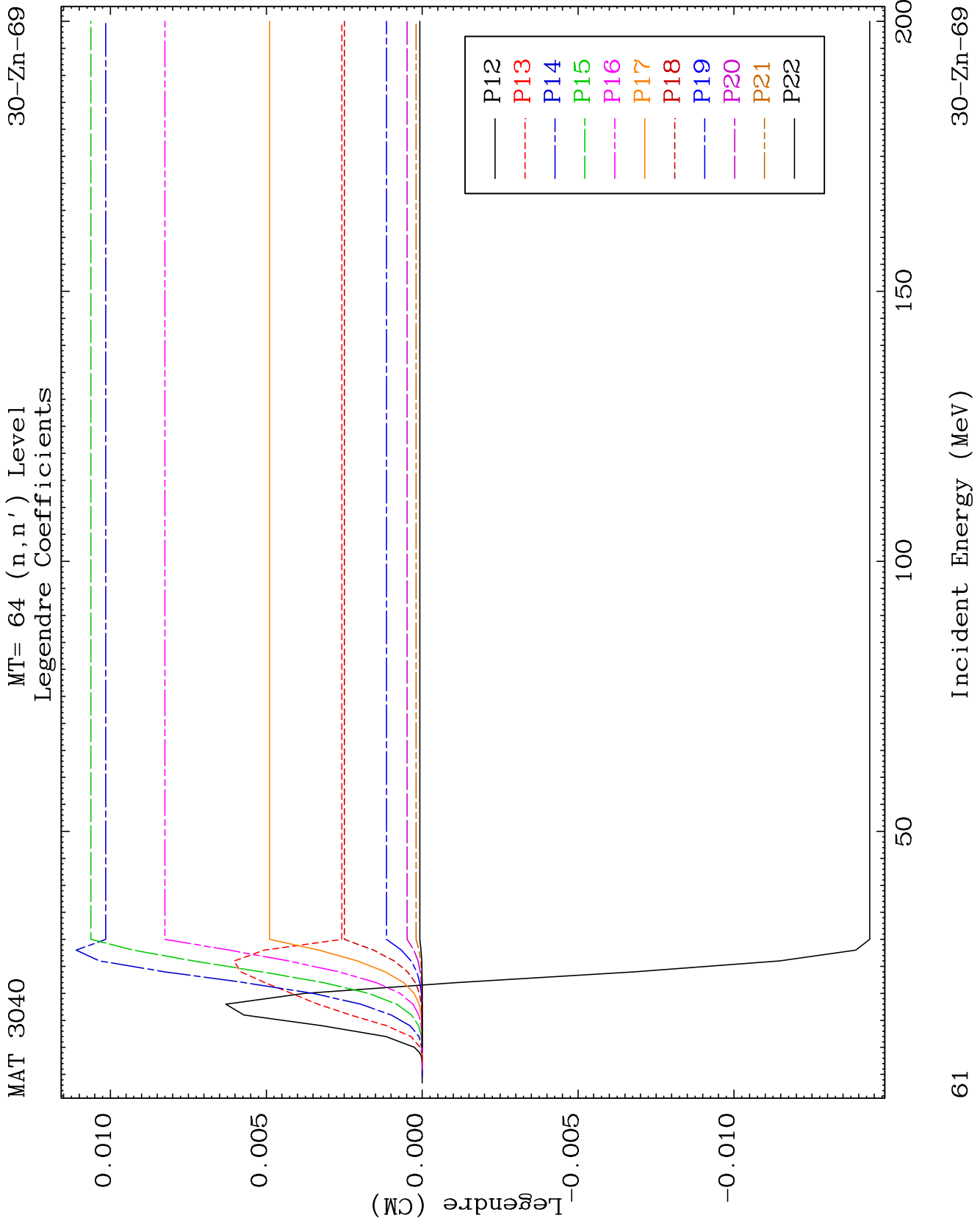


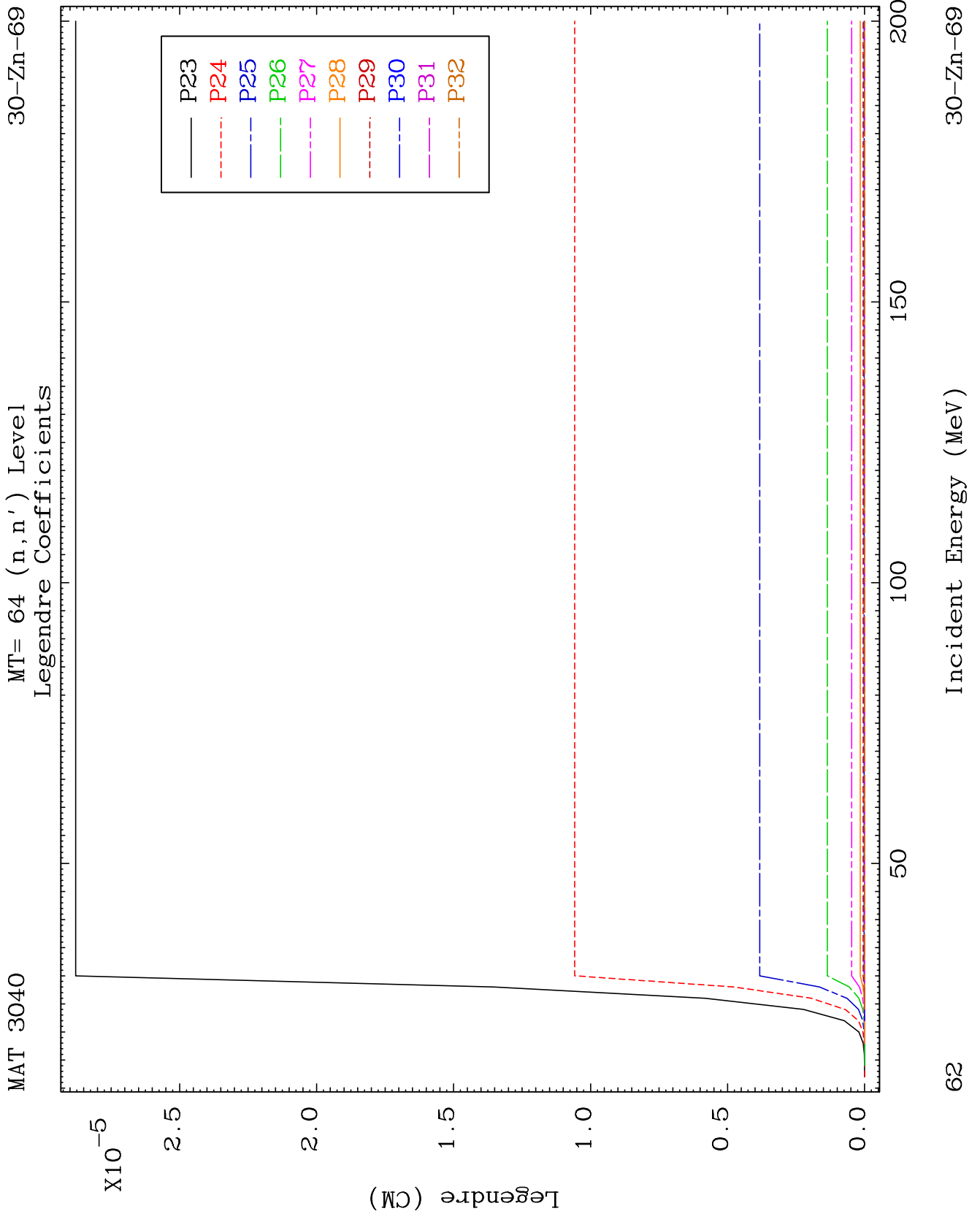


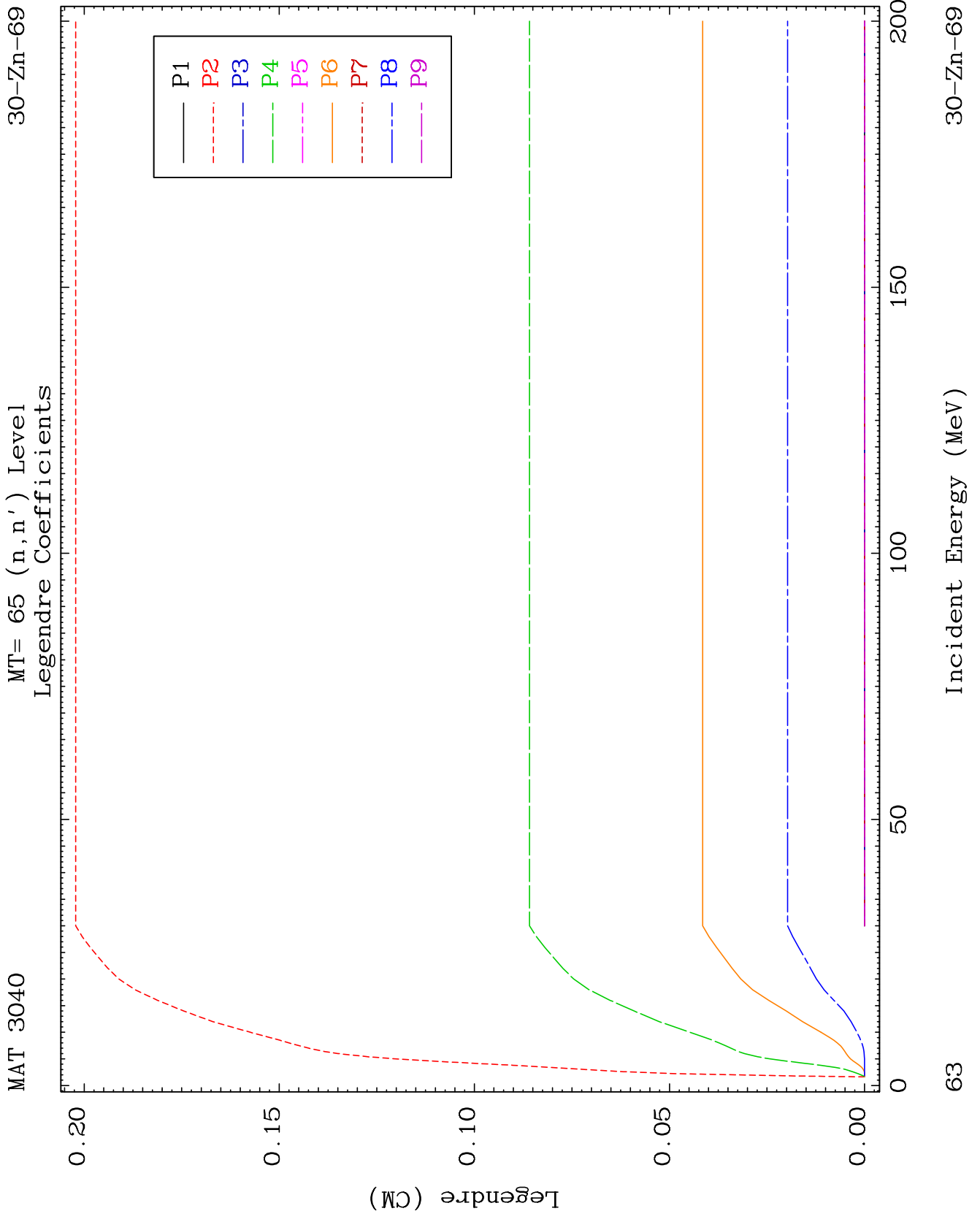


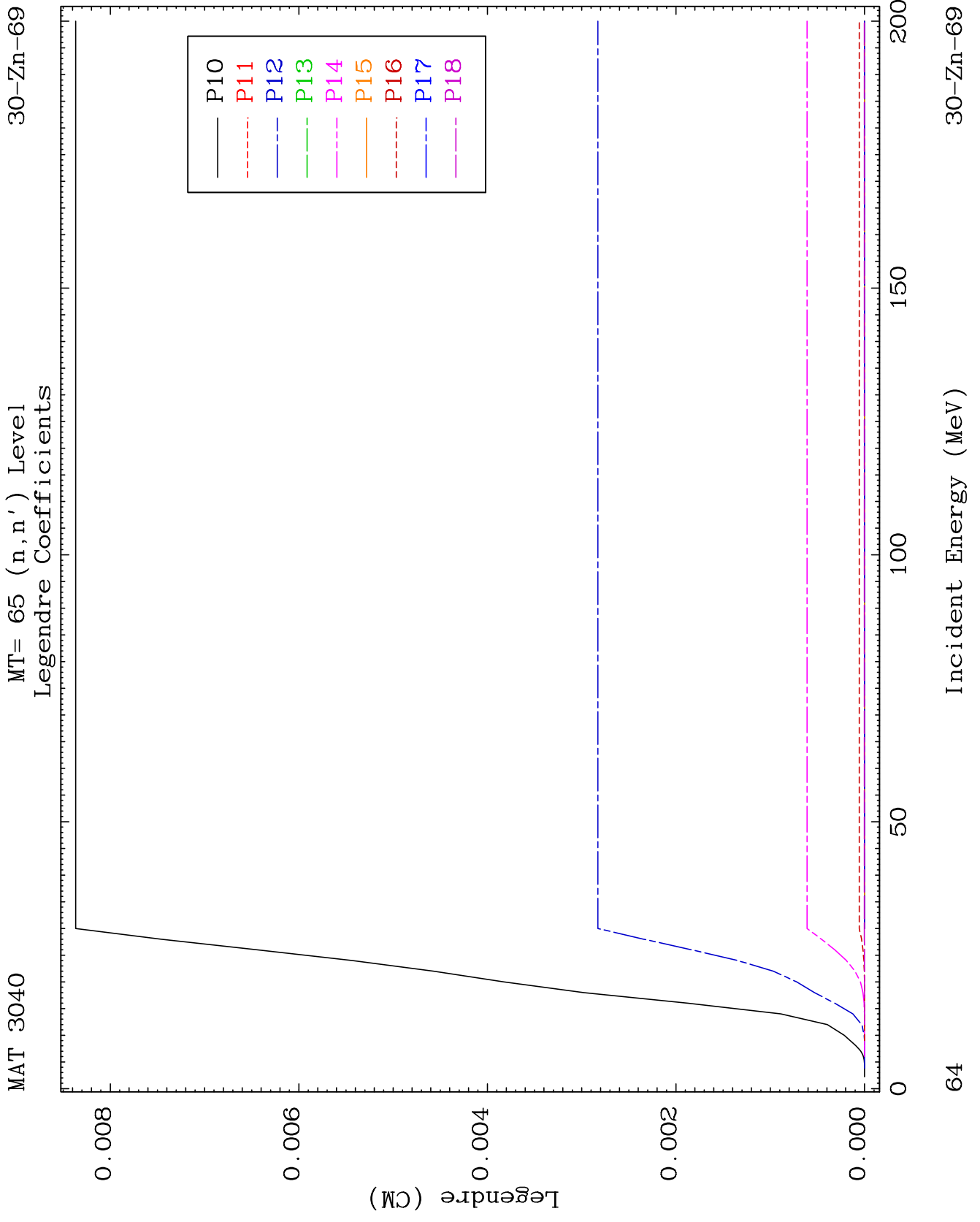


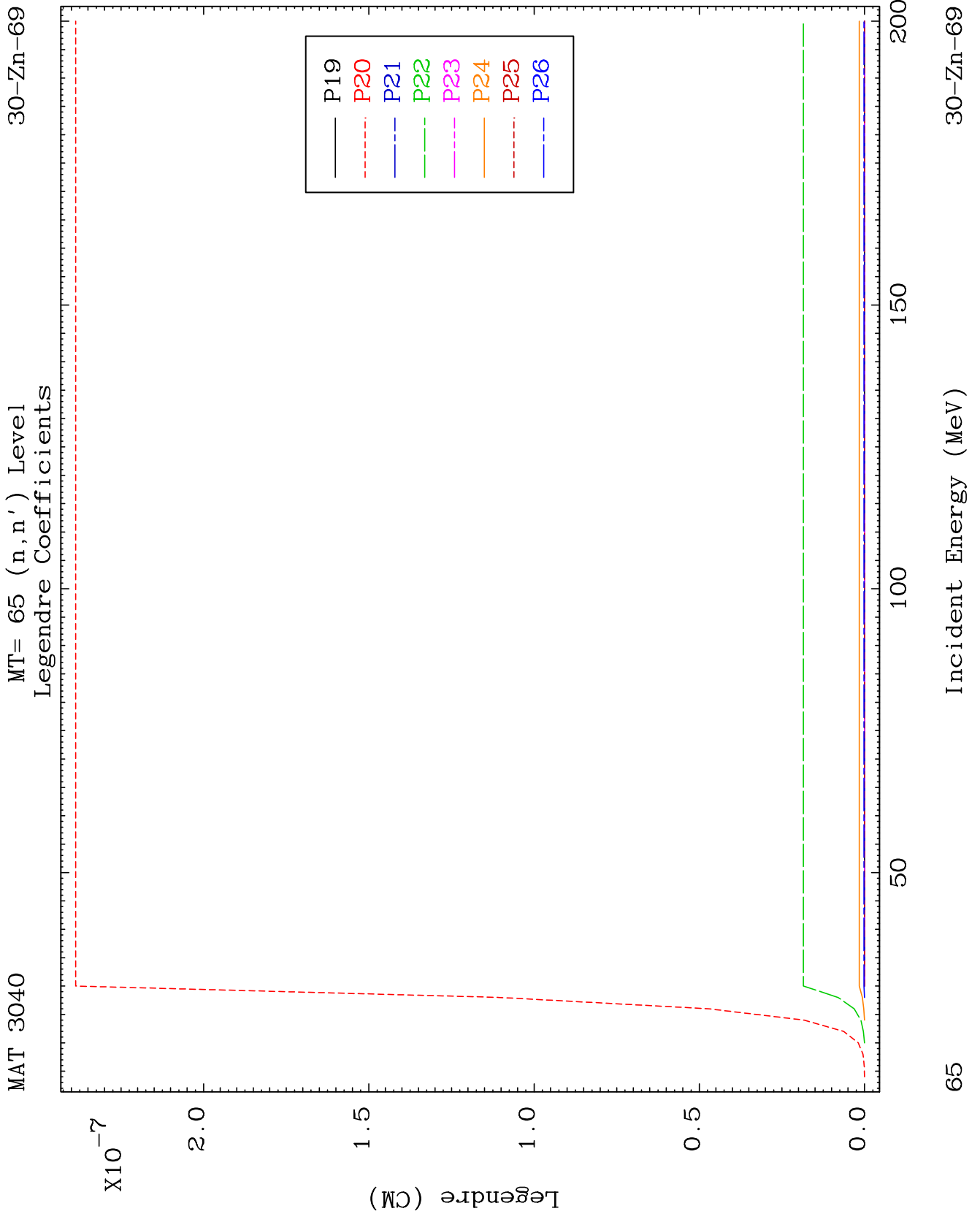


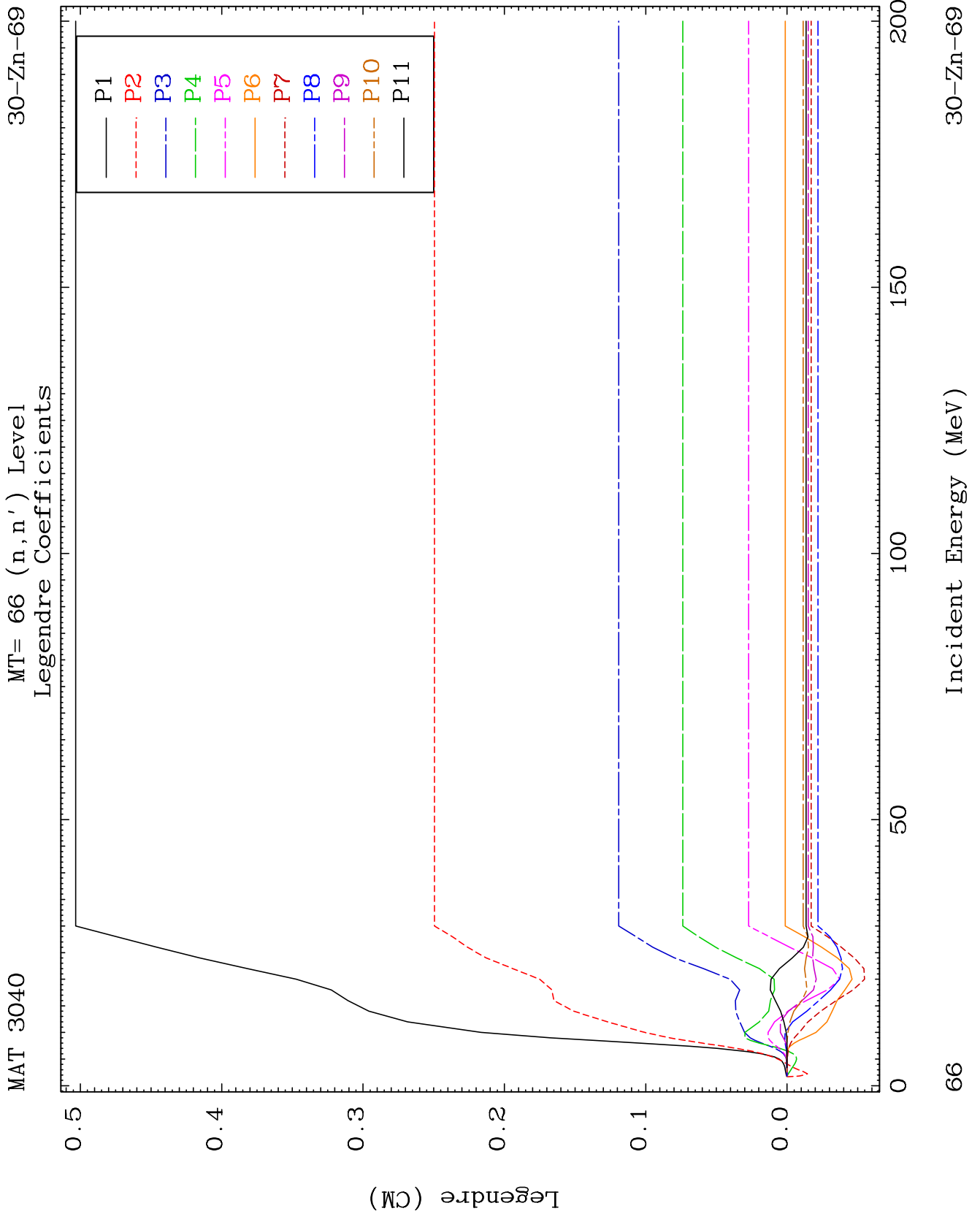


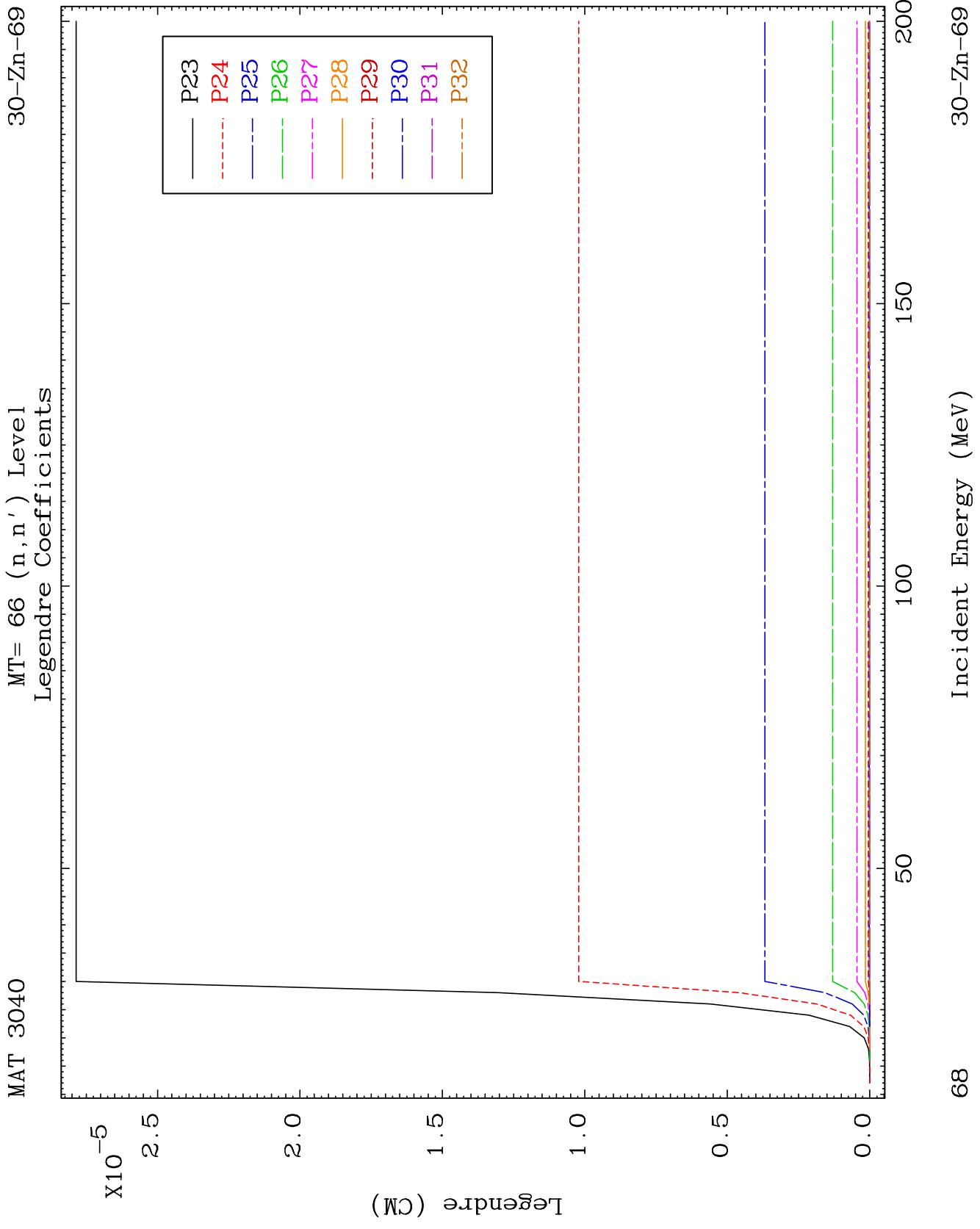


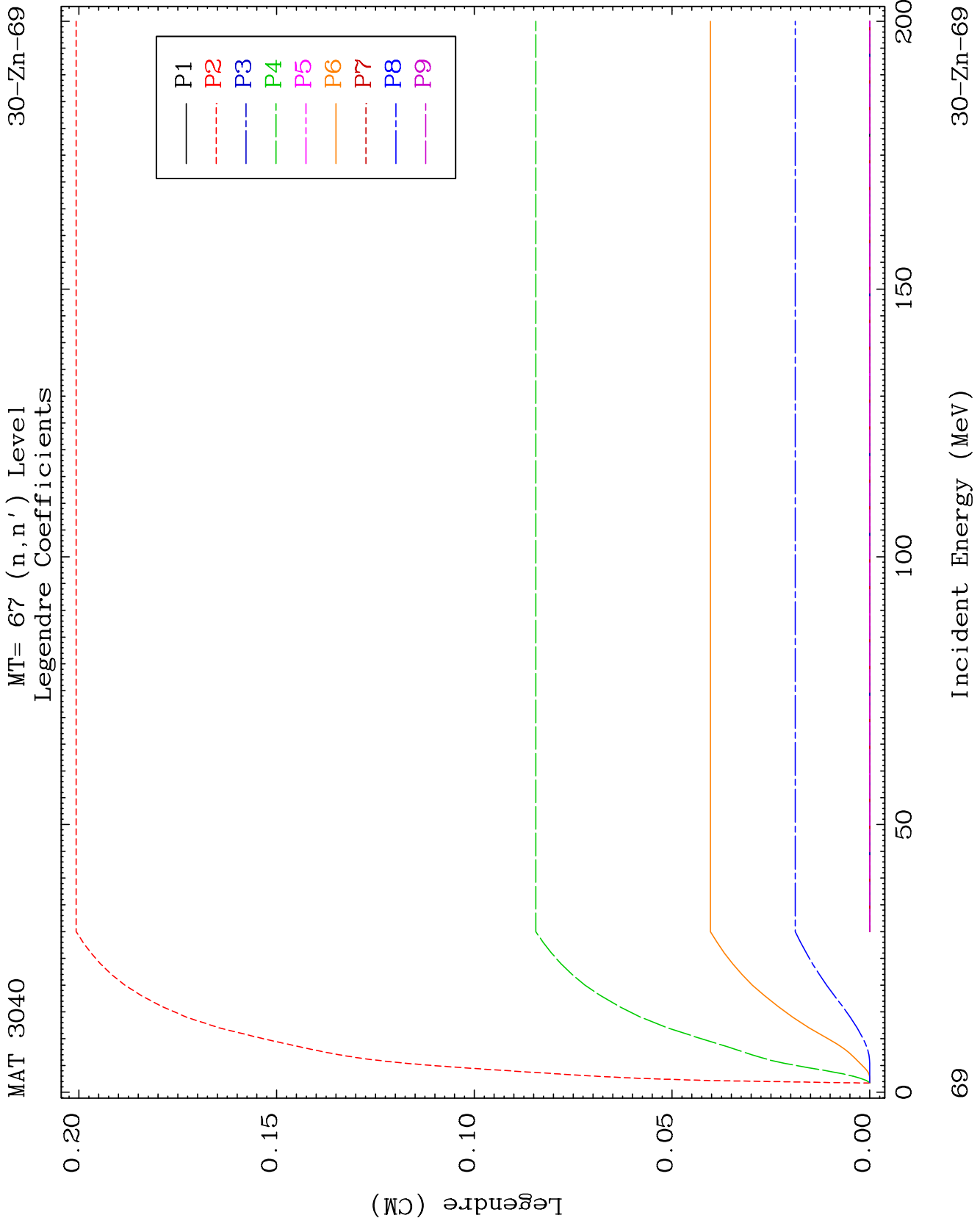


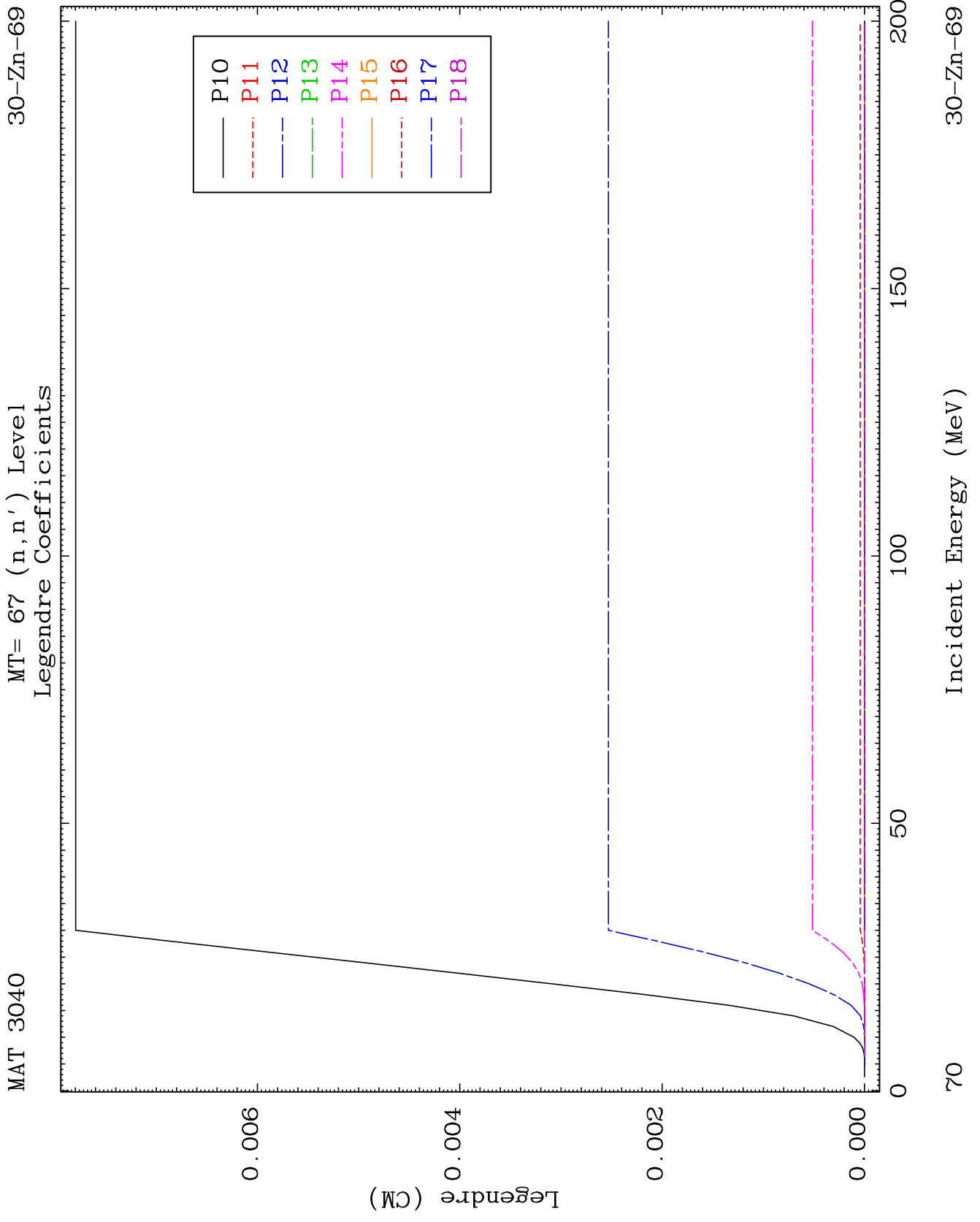


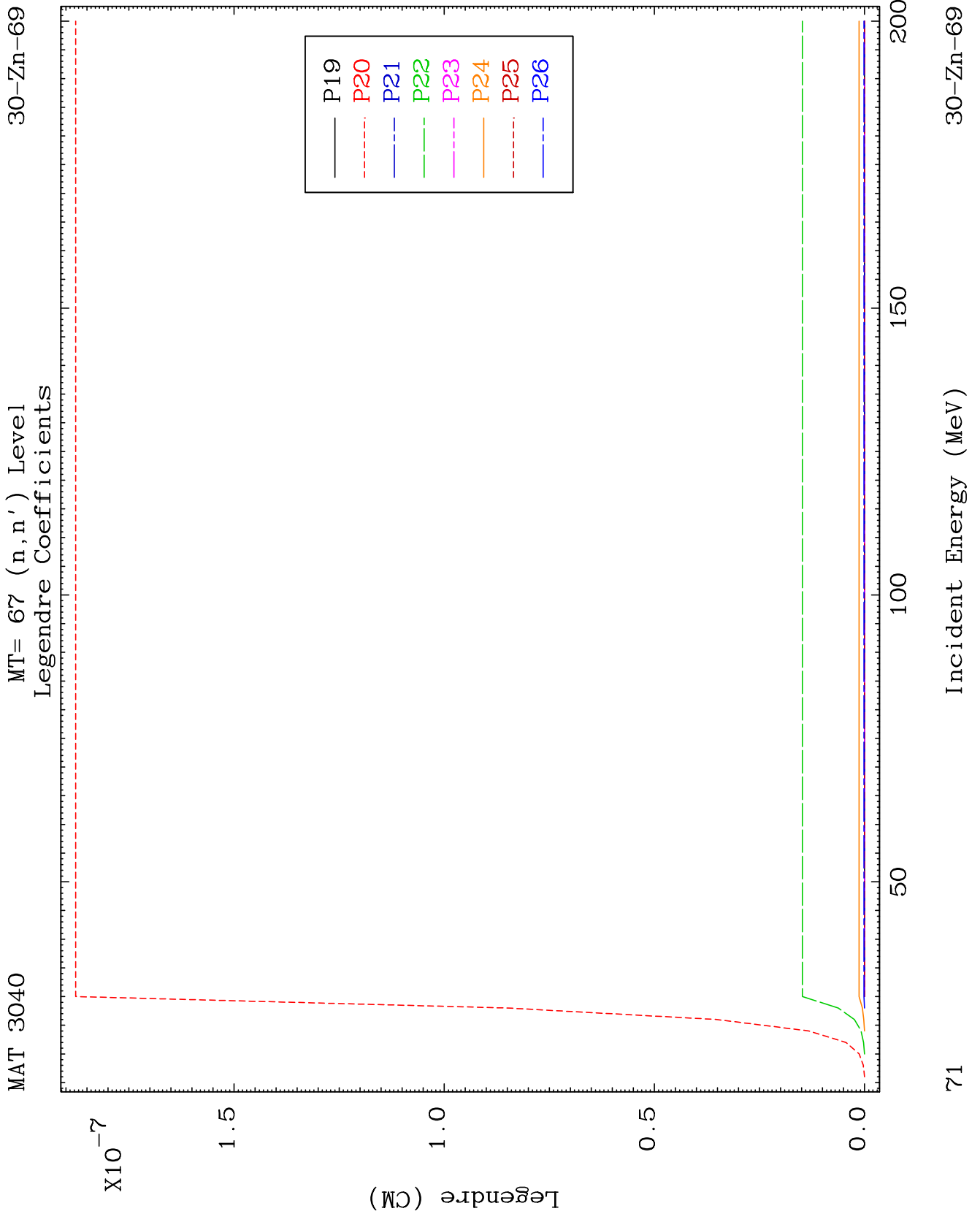


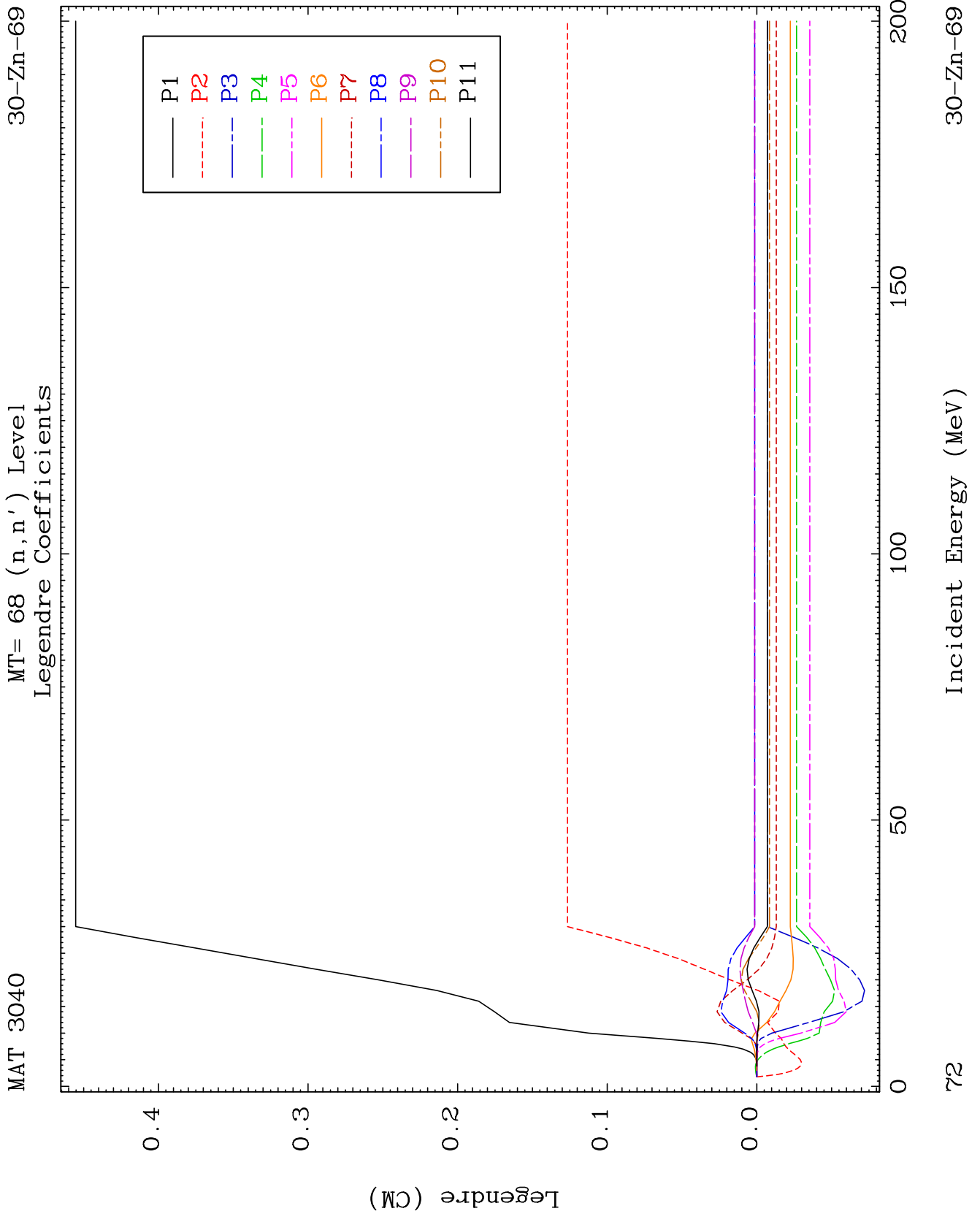








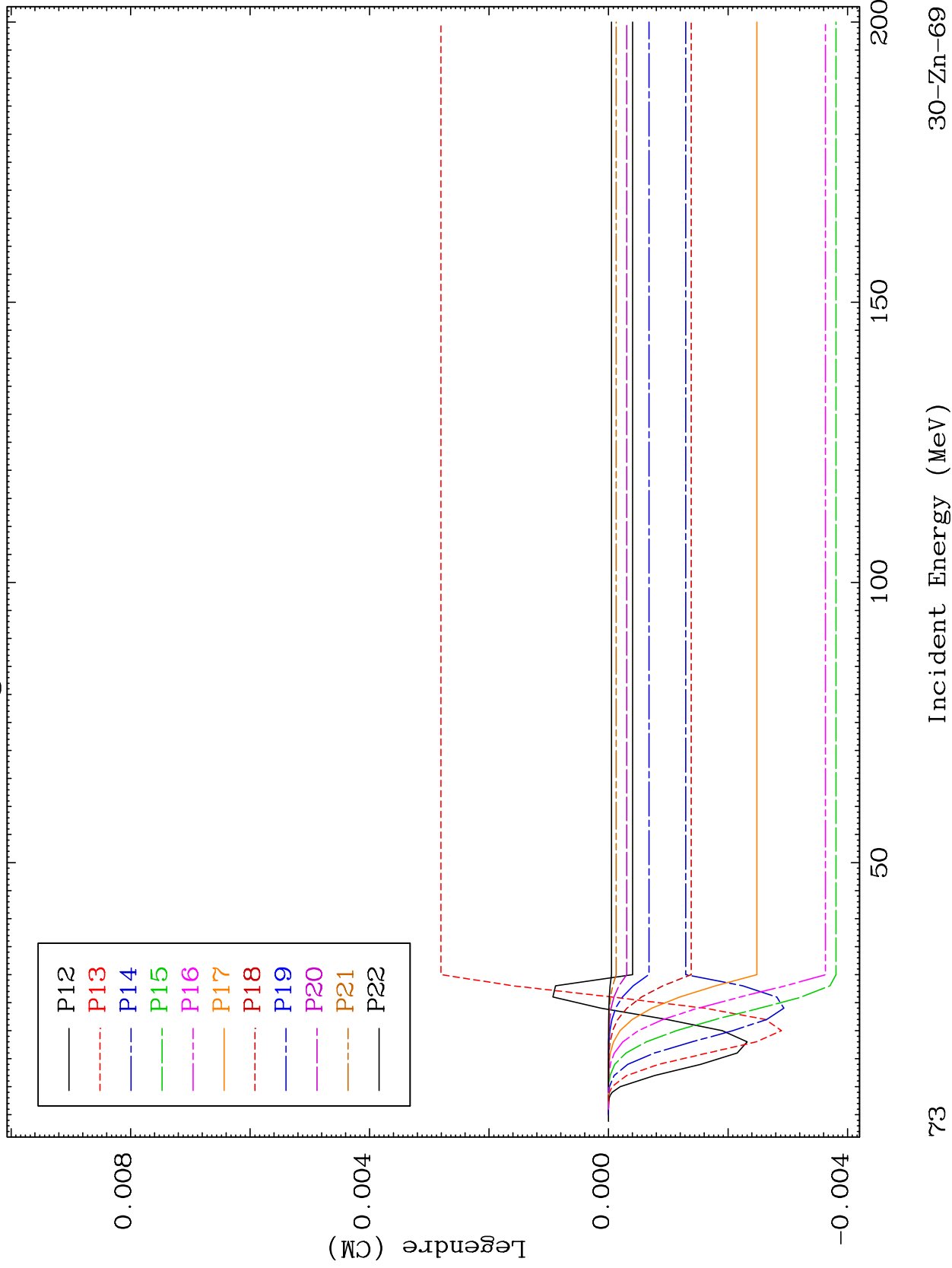




MAT 3040

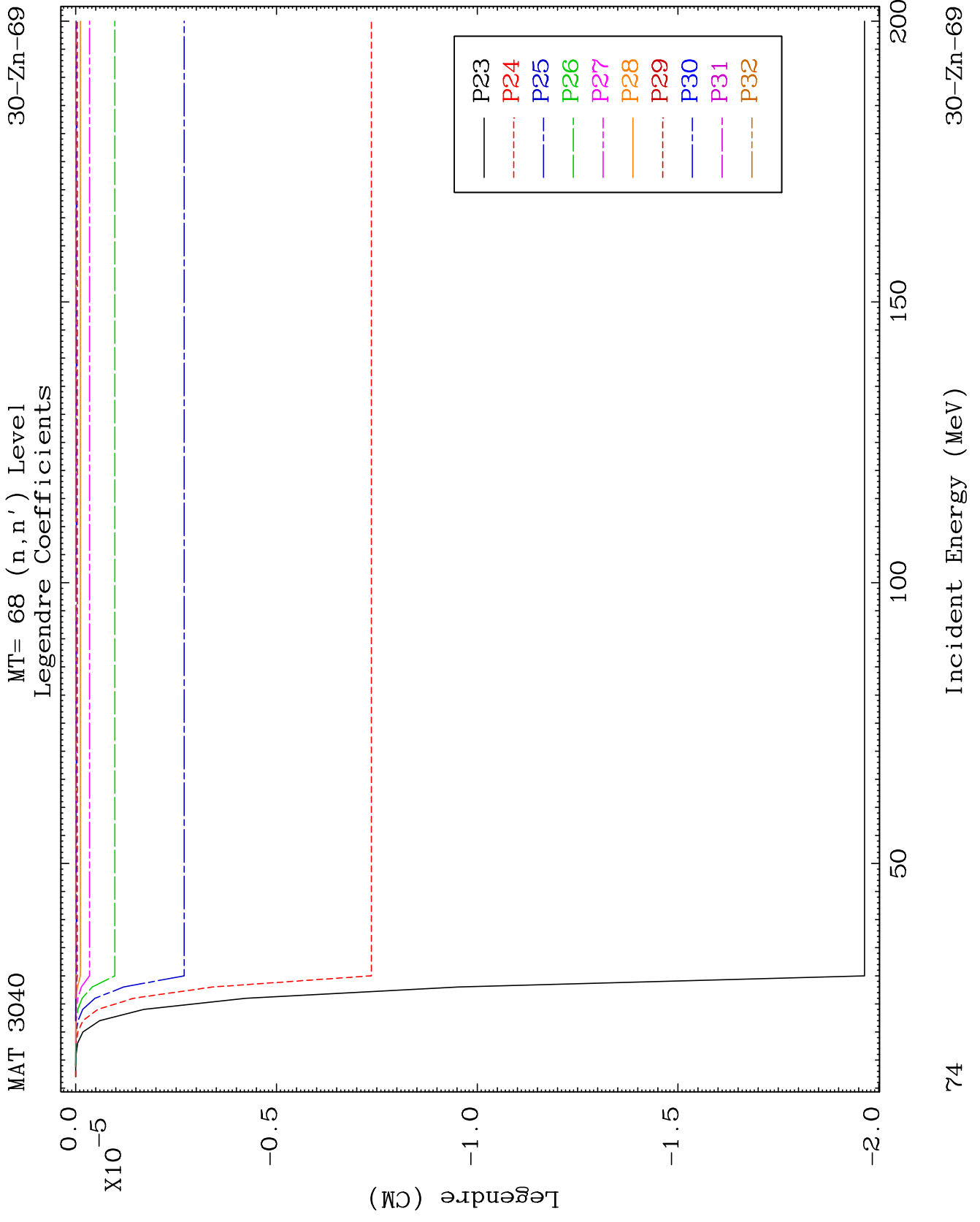
MT= 68 (n,n') Level
Legendre Coefficients

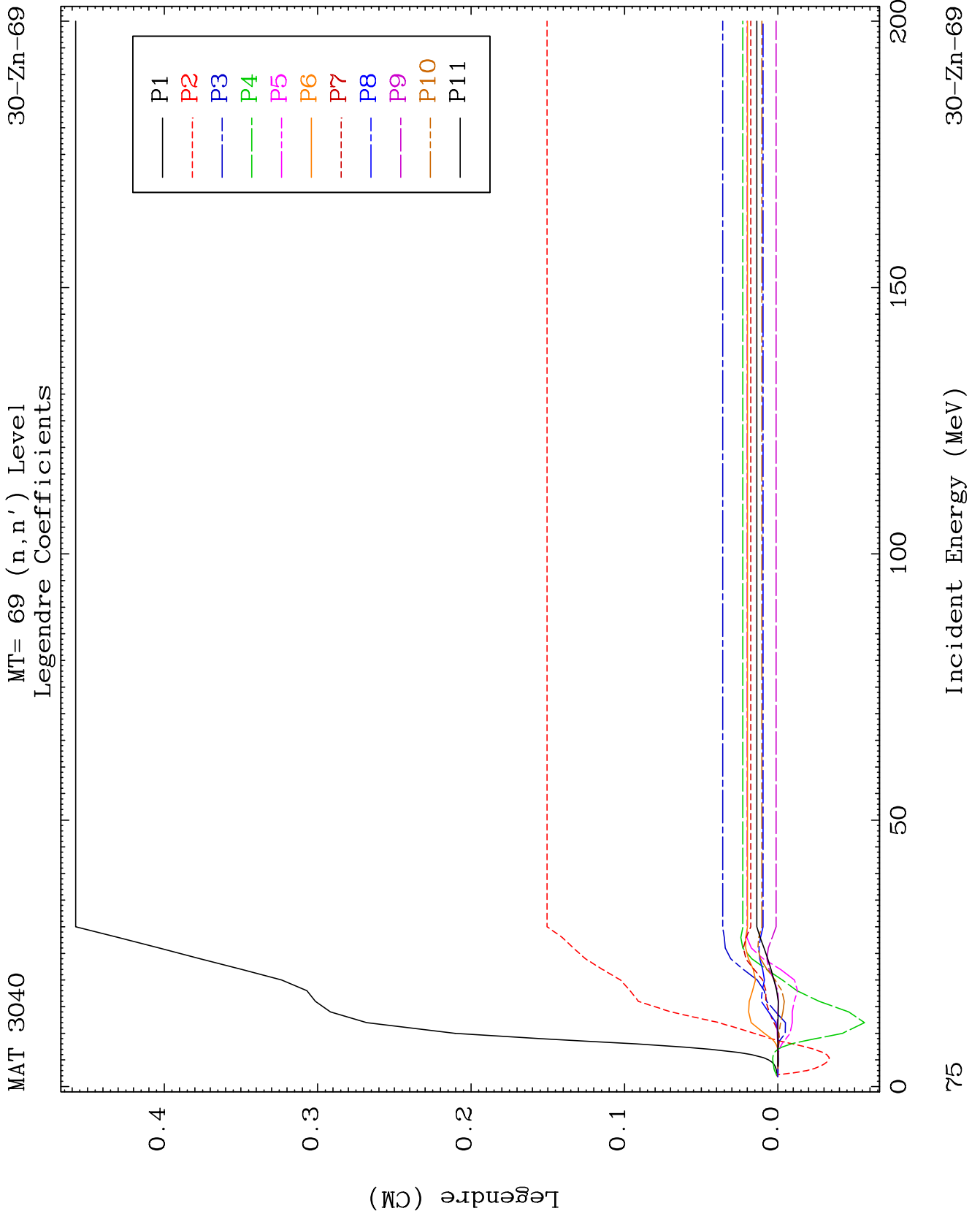
30-Zn-69



73

30-Zn-69

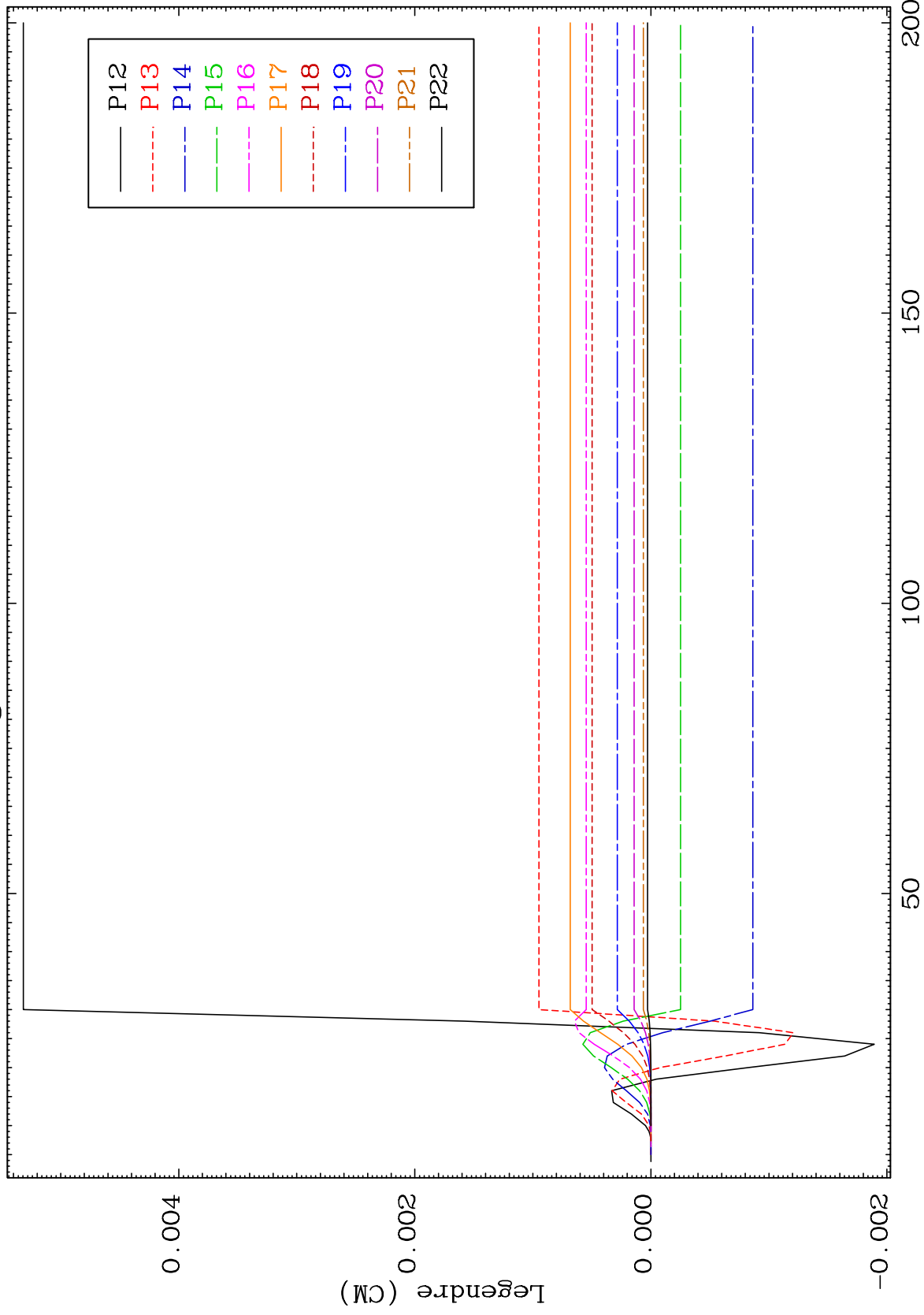




MAT 3040

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

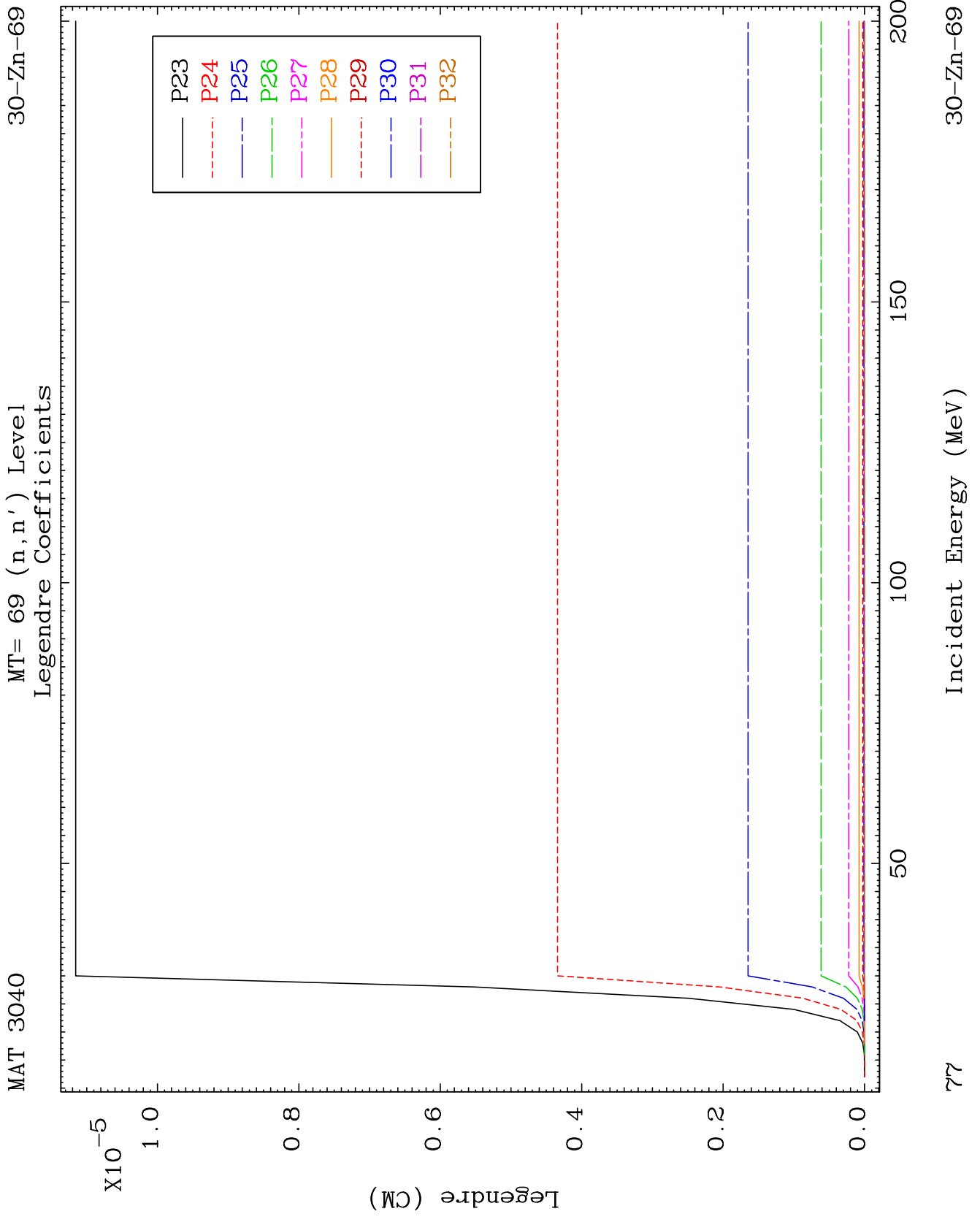
30-Zn-69

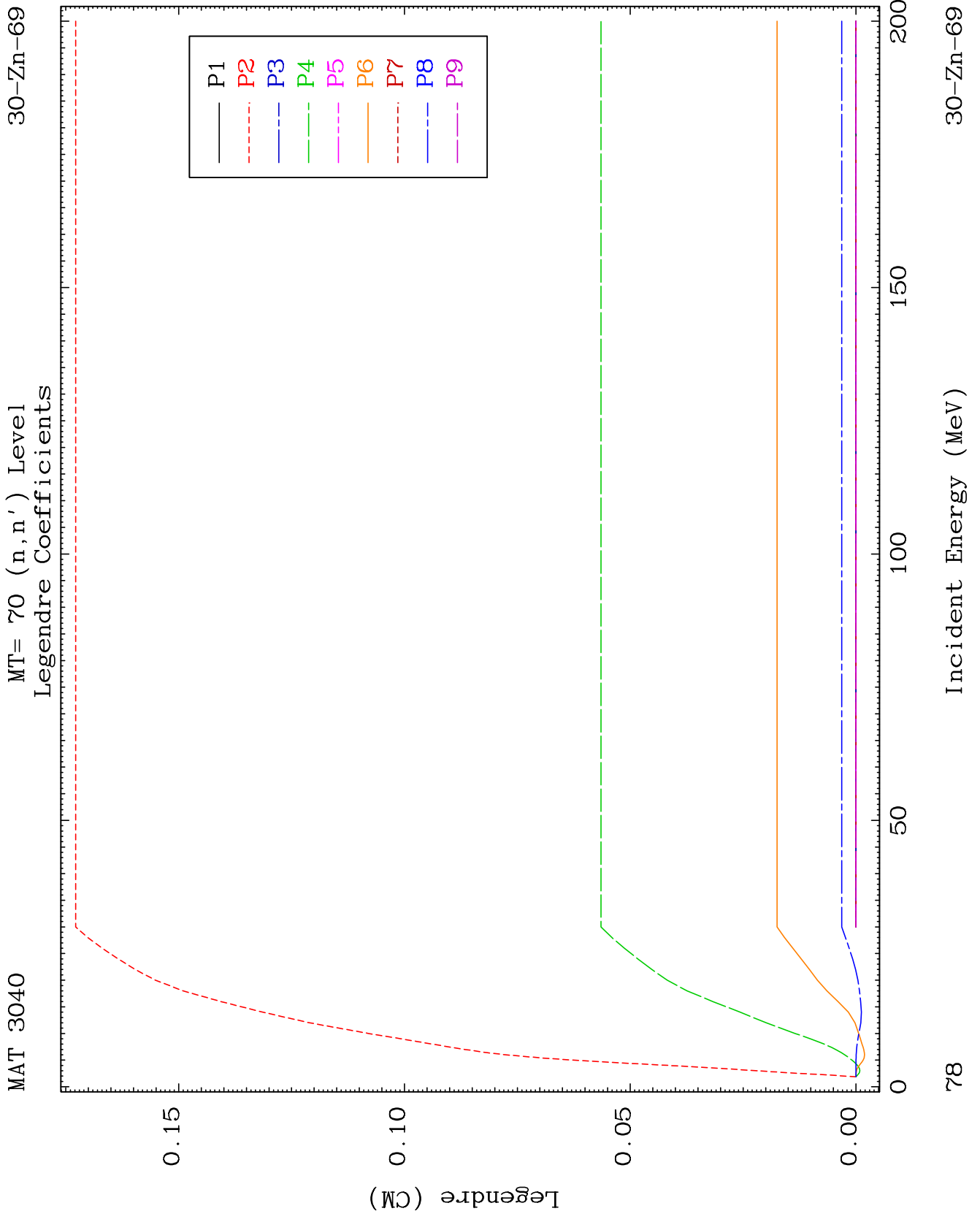


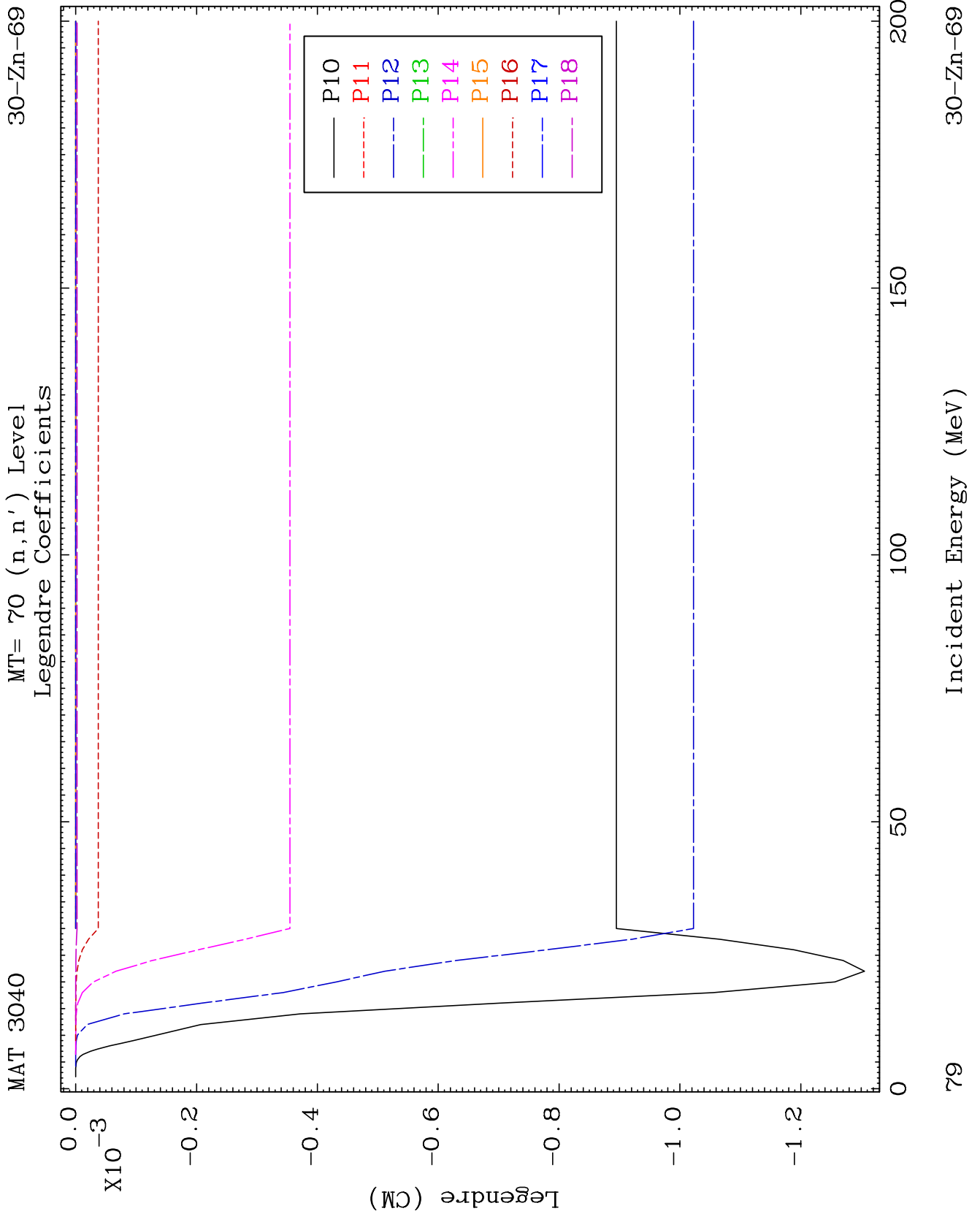
76

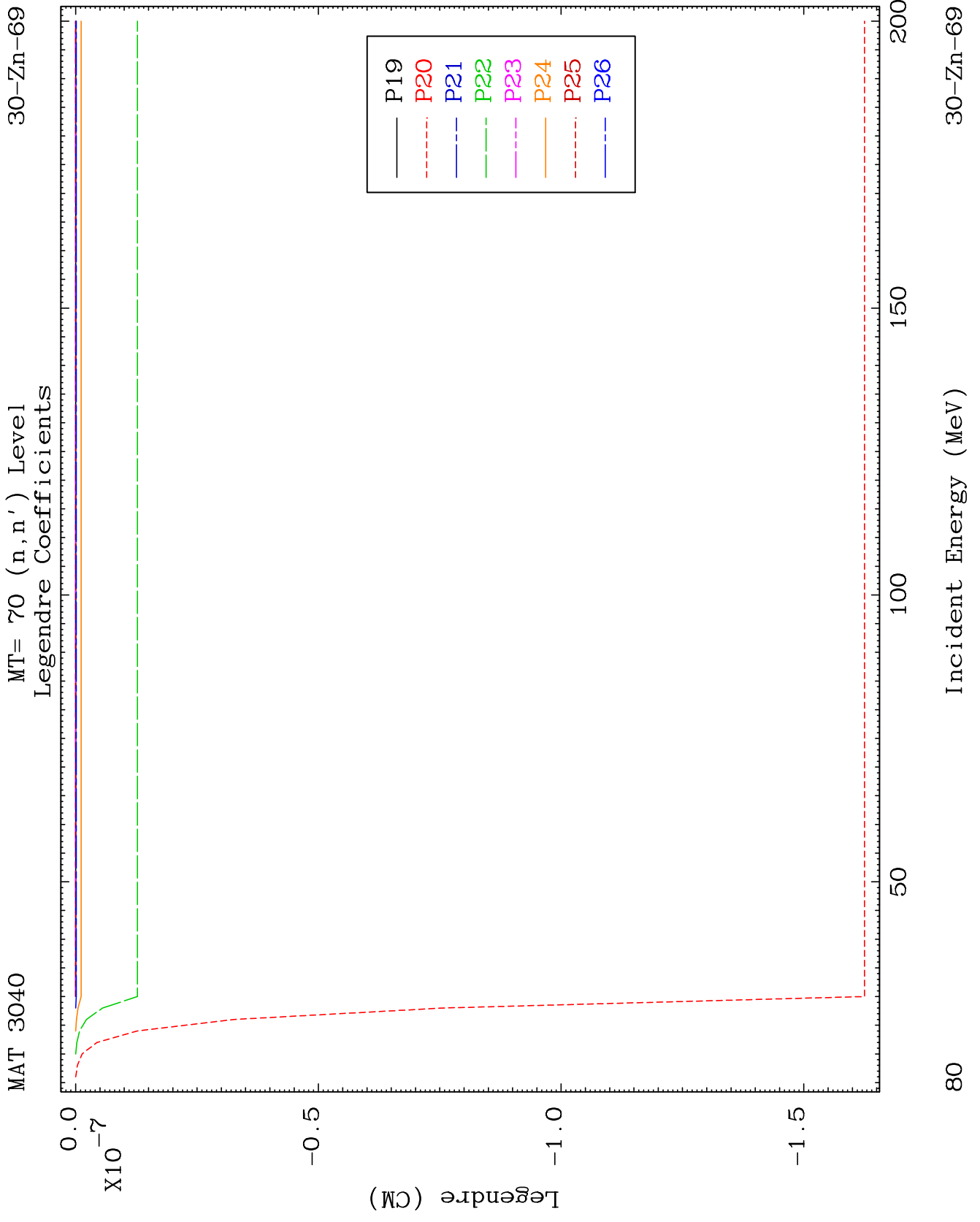
Incident Energy (MeV)

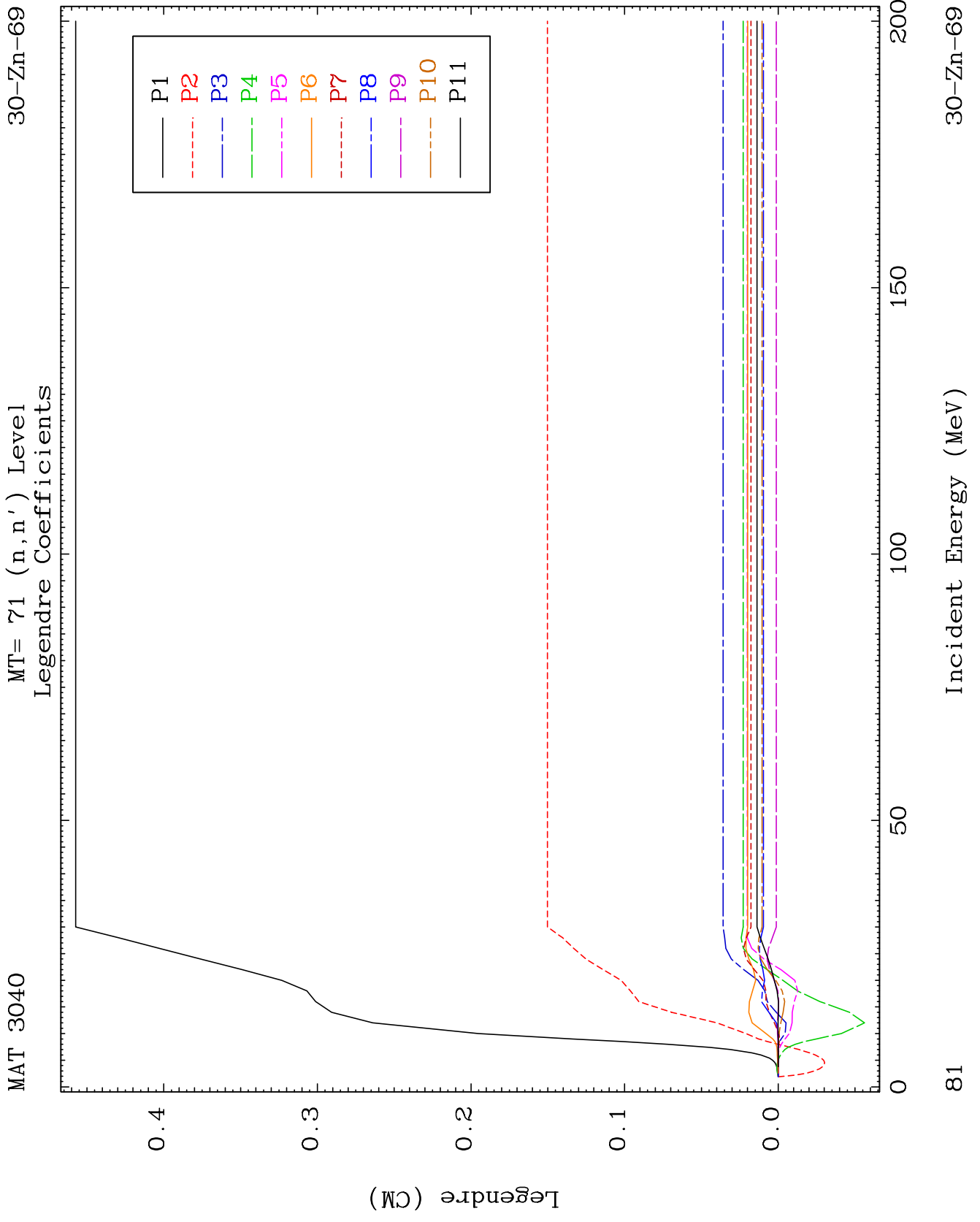
30-Zn-69







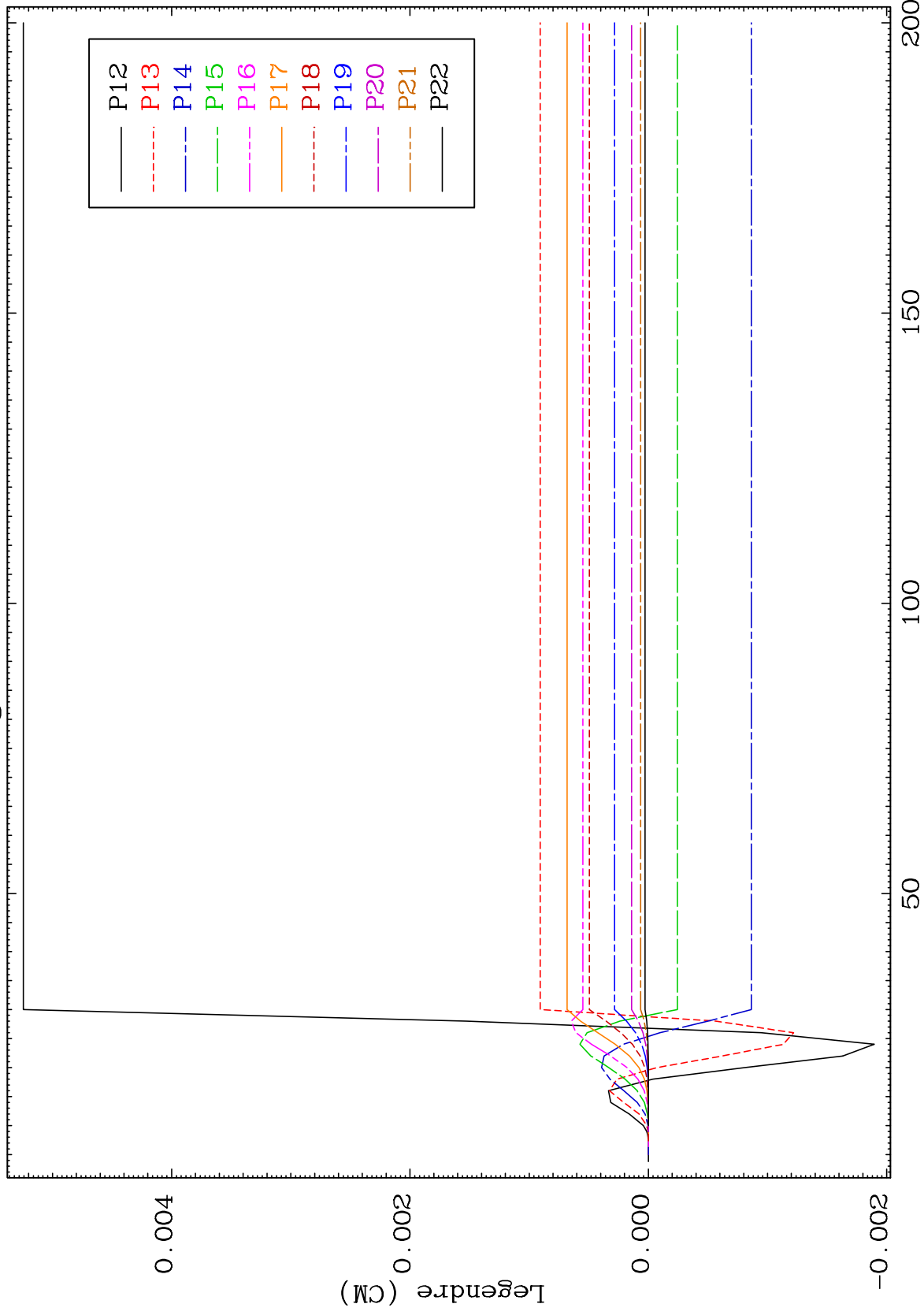




MAT 3040

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

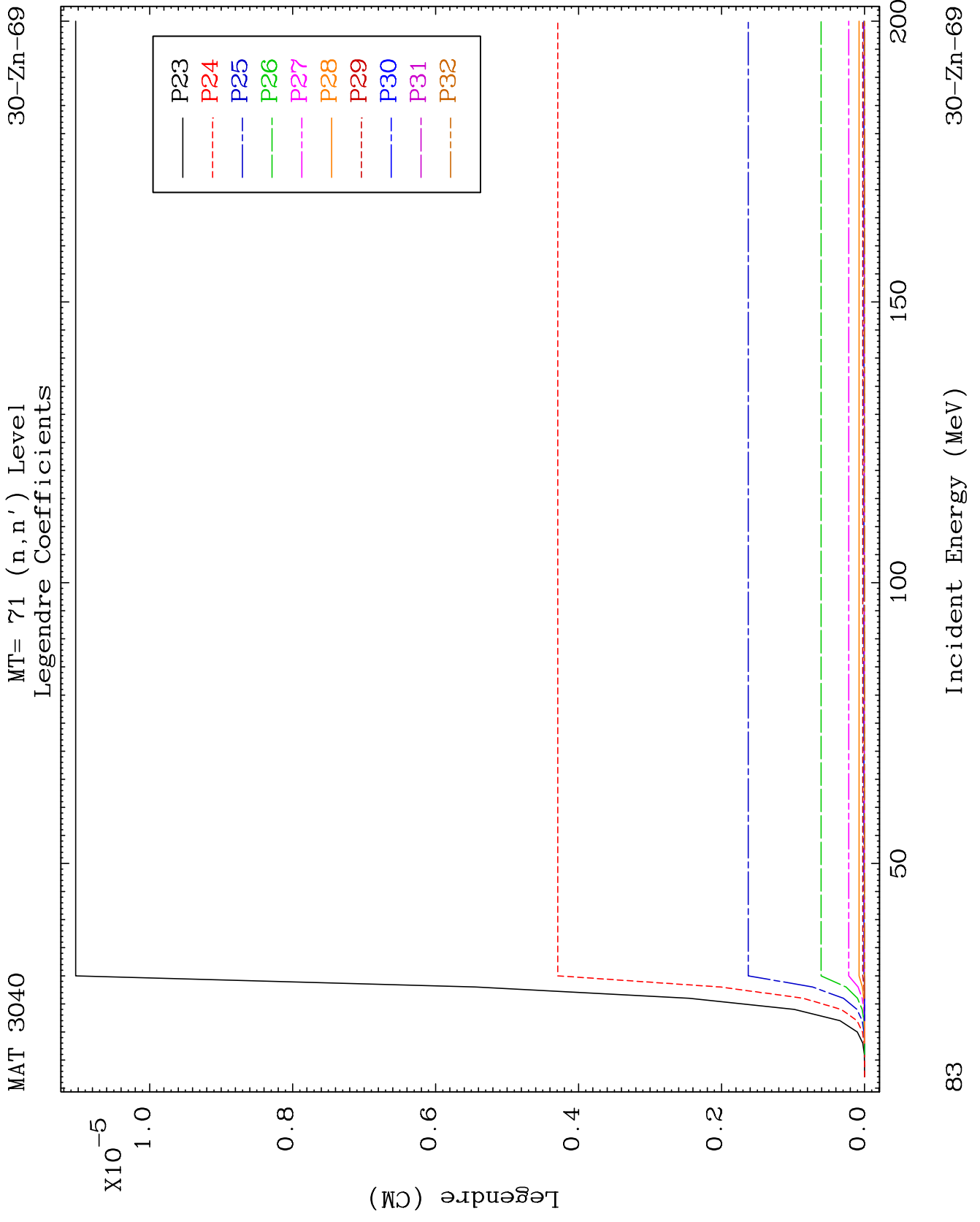
30-Zn-69

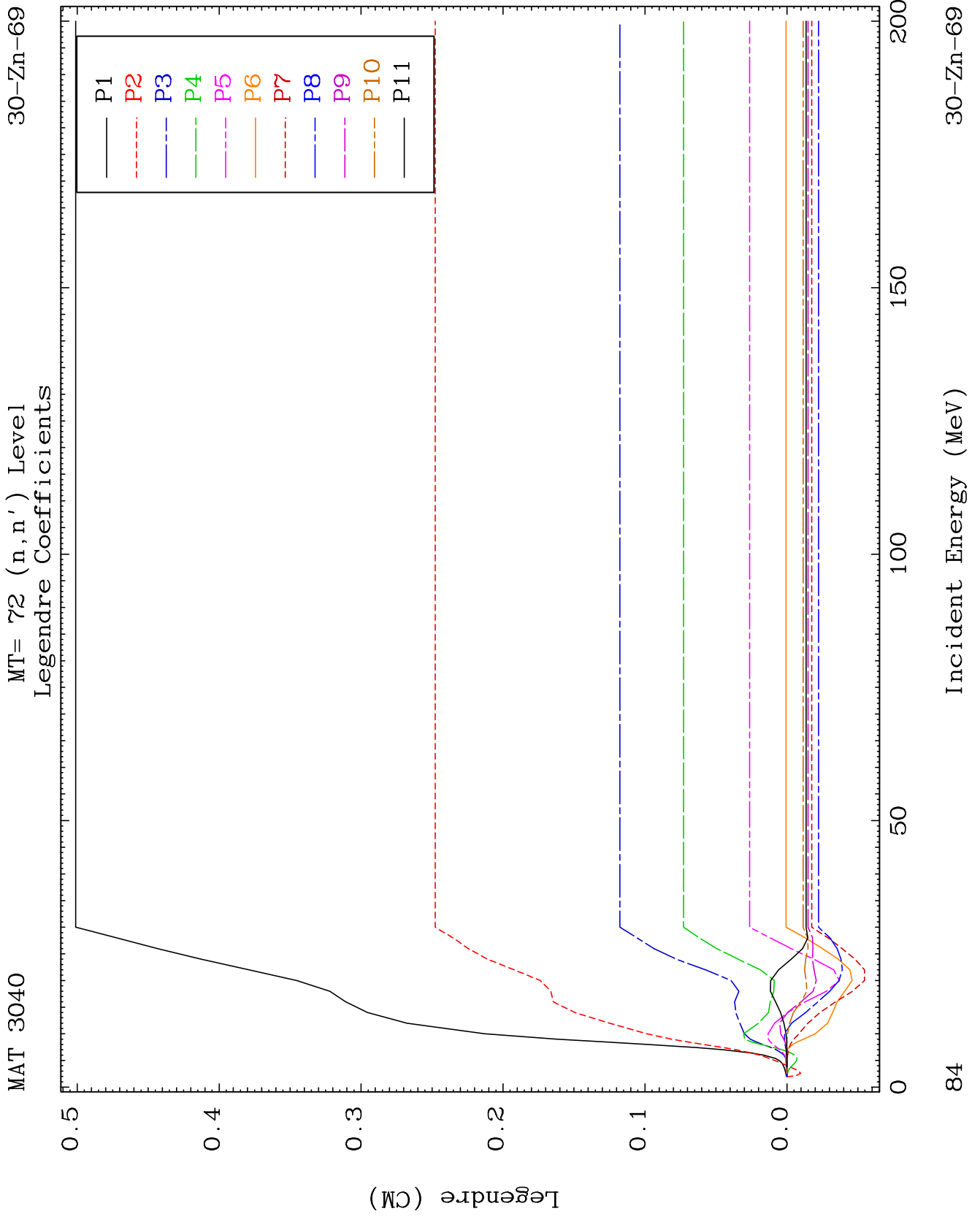


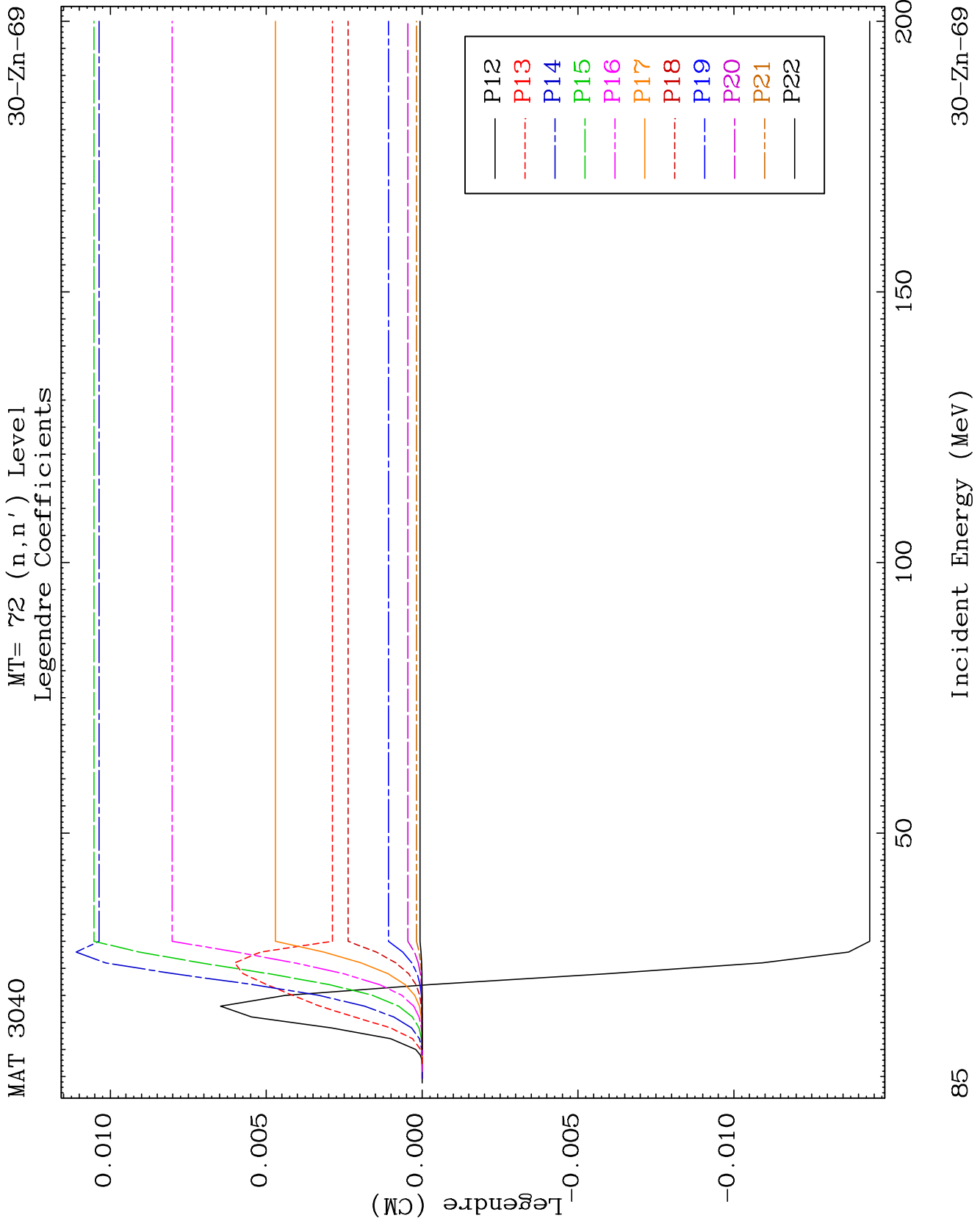
82

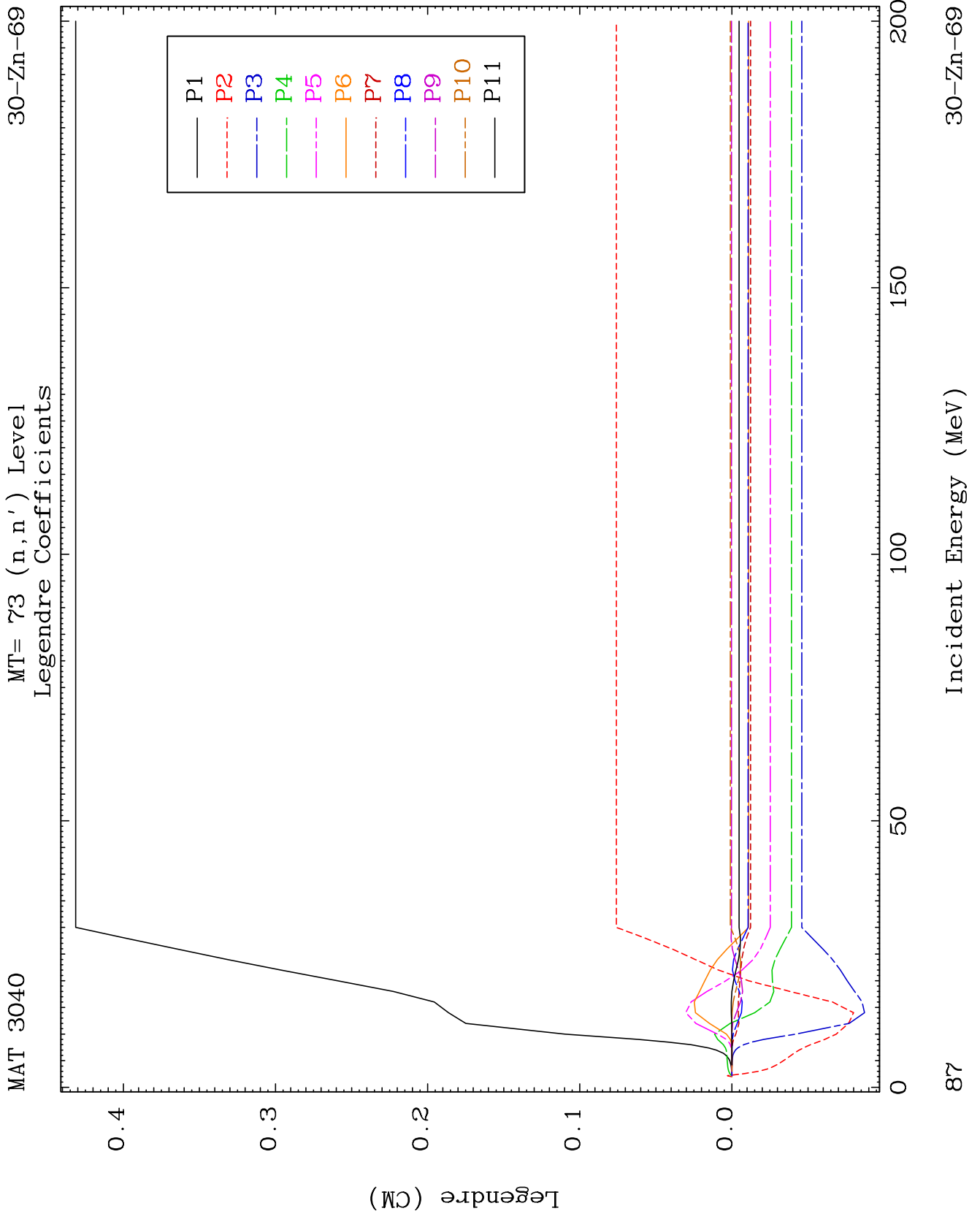
Incident Energy (MeV)

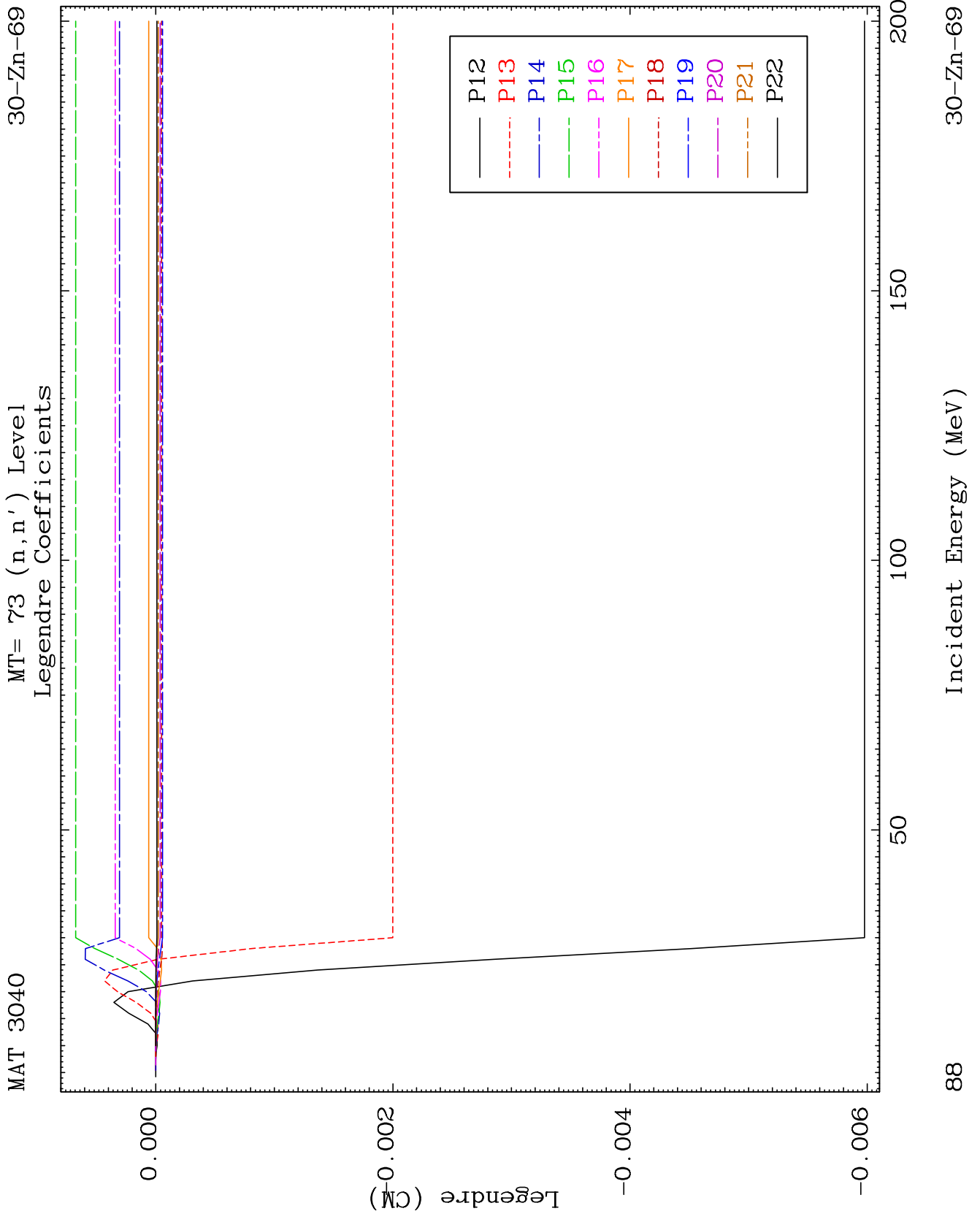
30-Zn-69

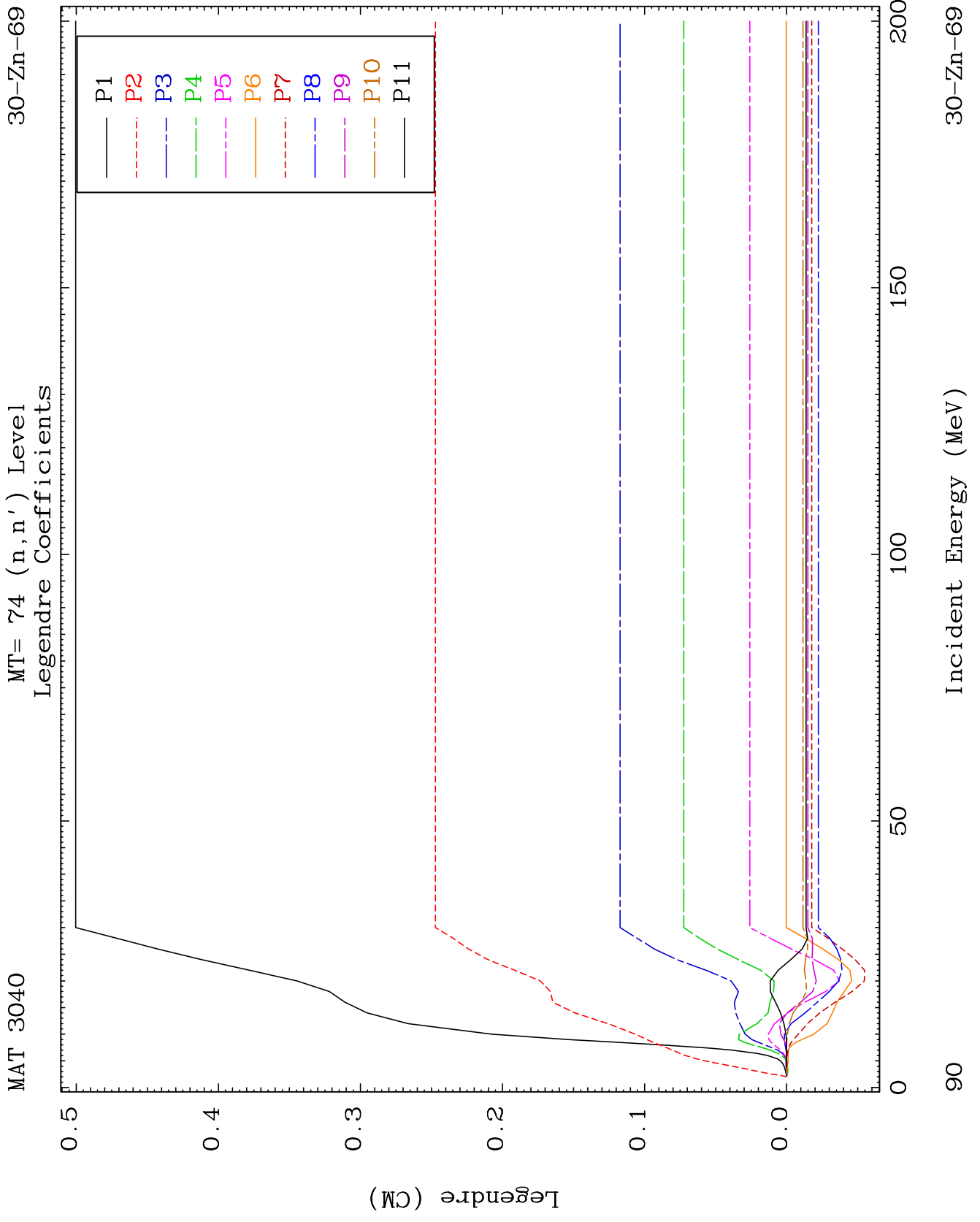


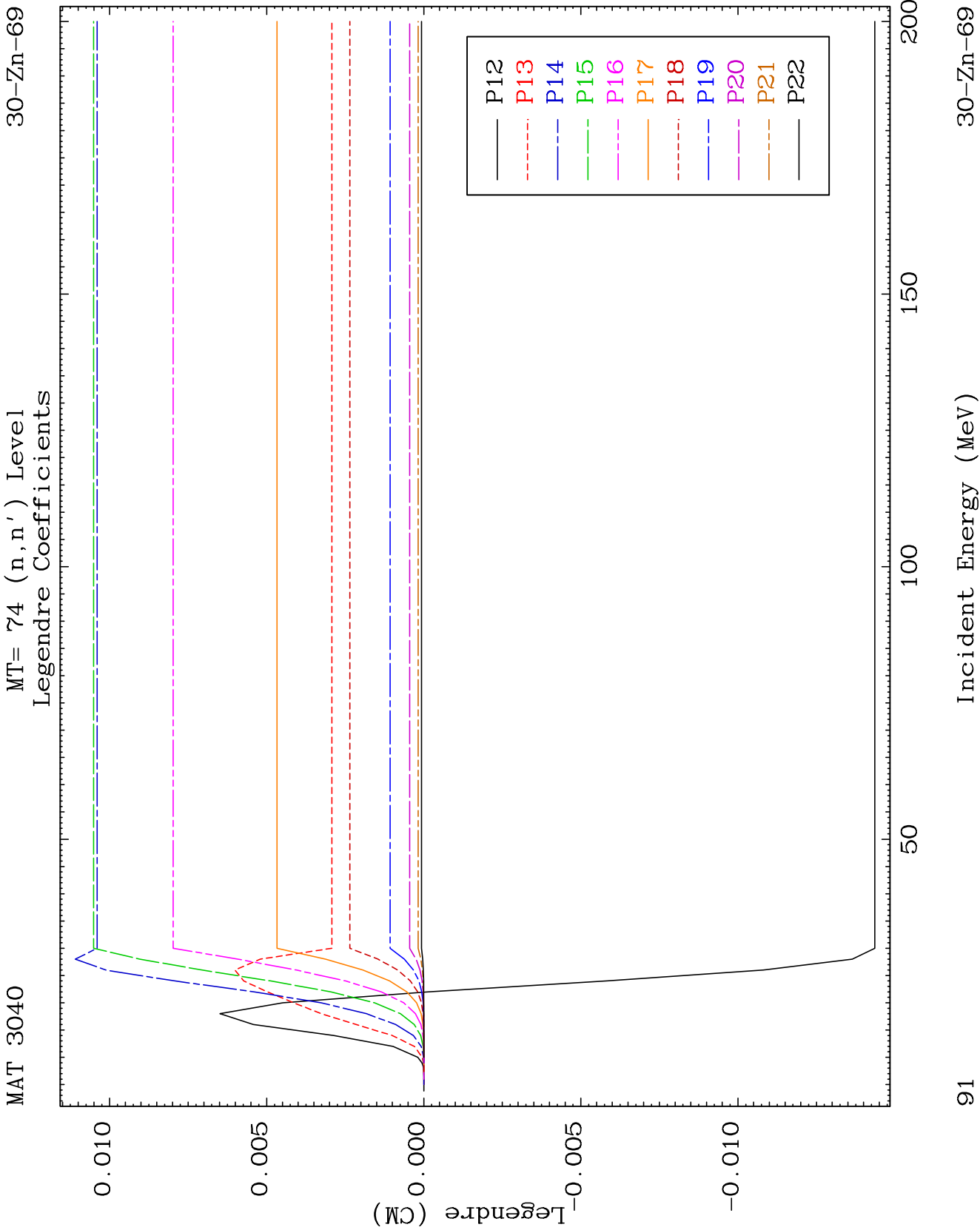


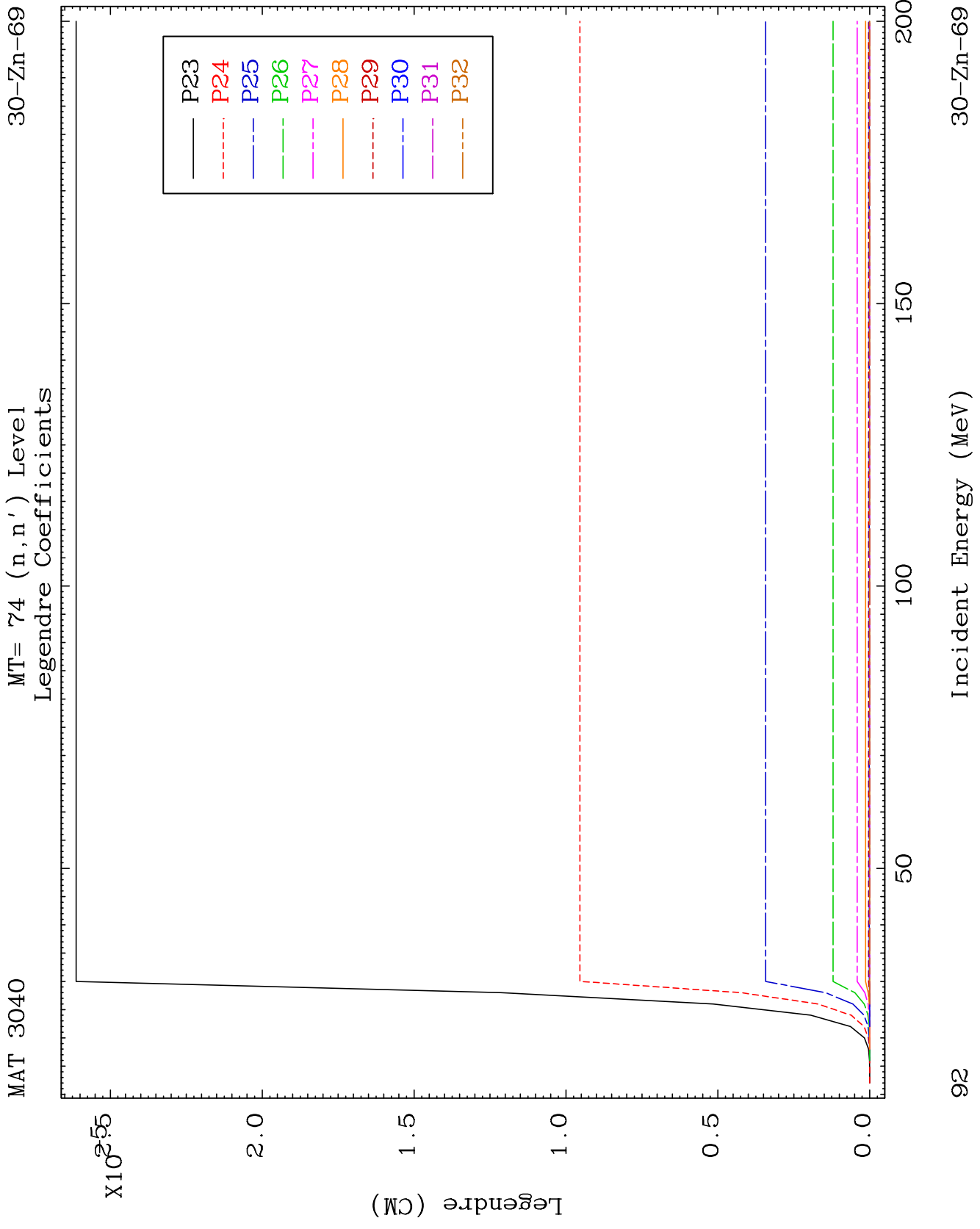


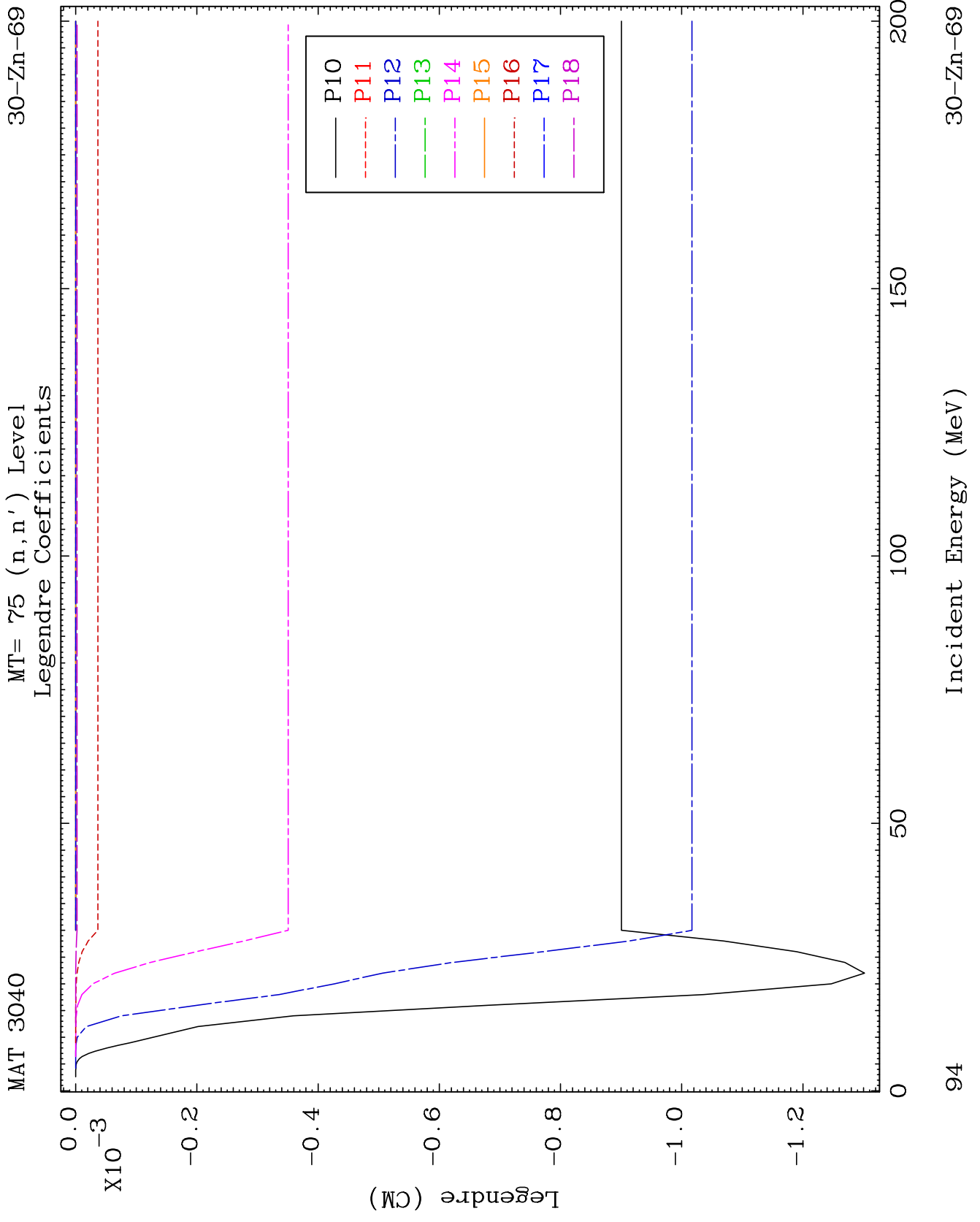


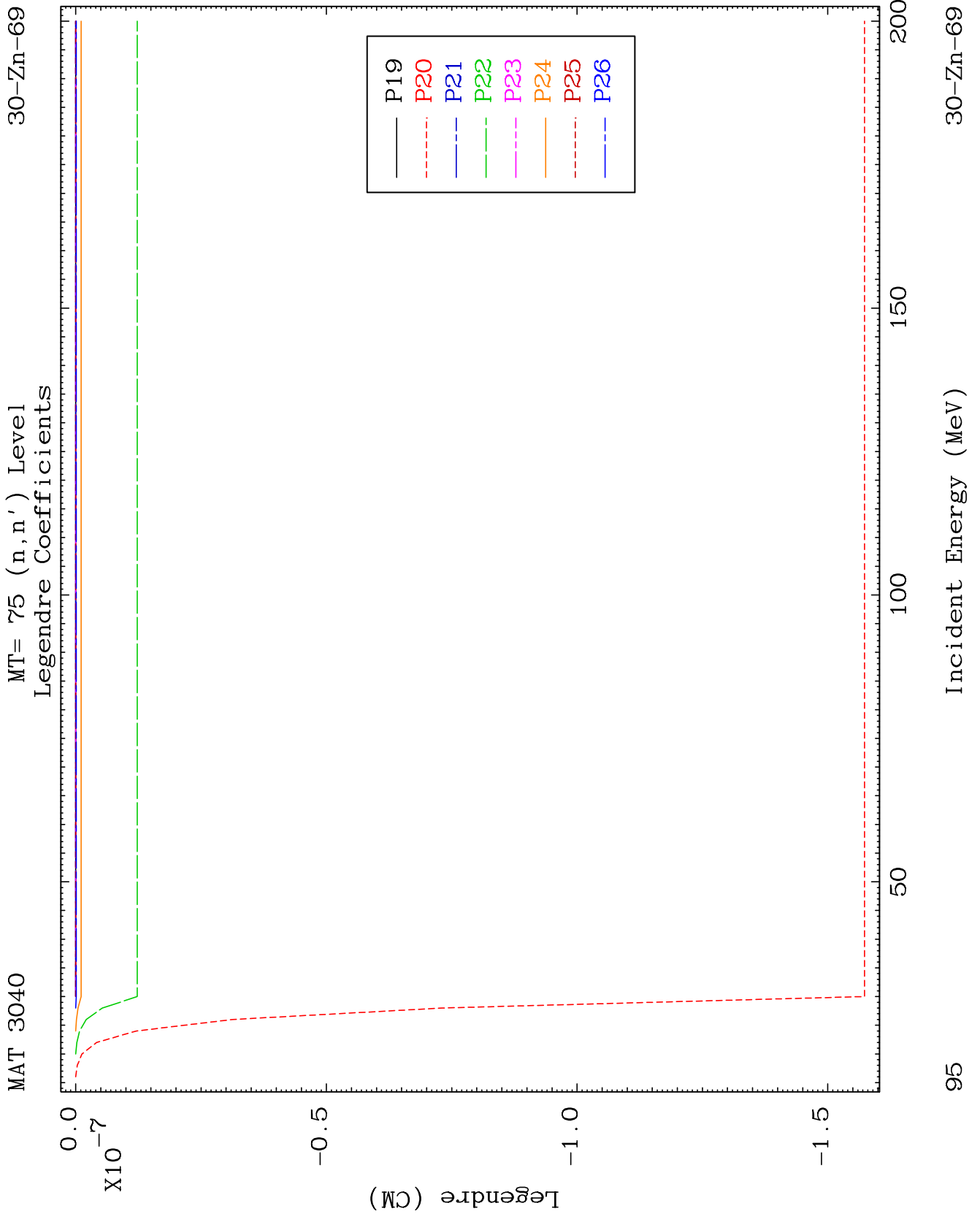


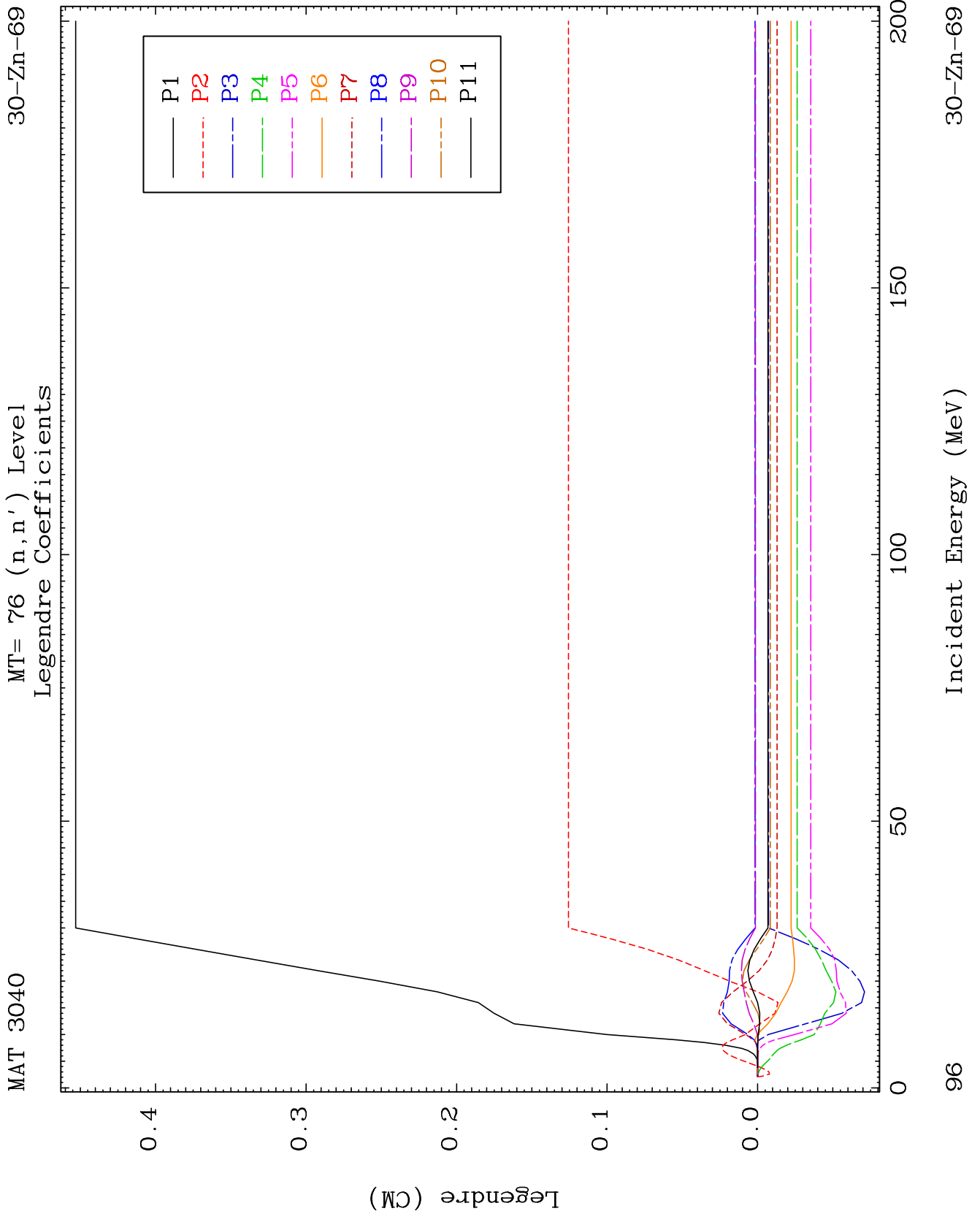








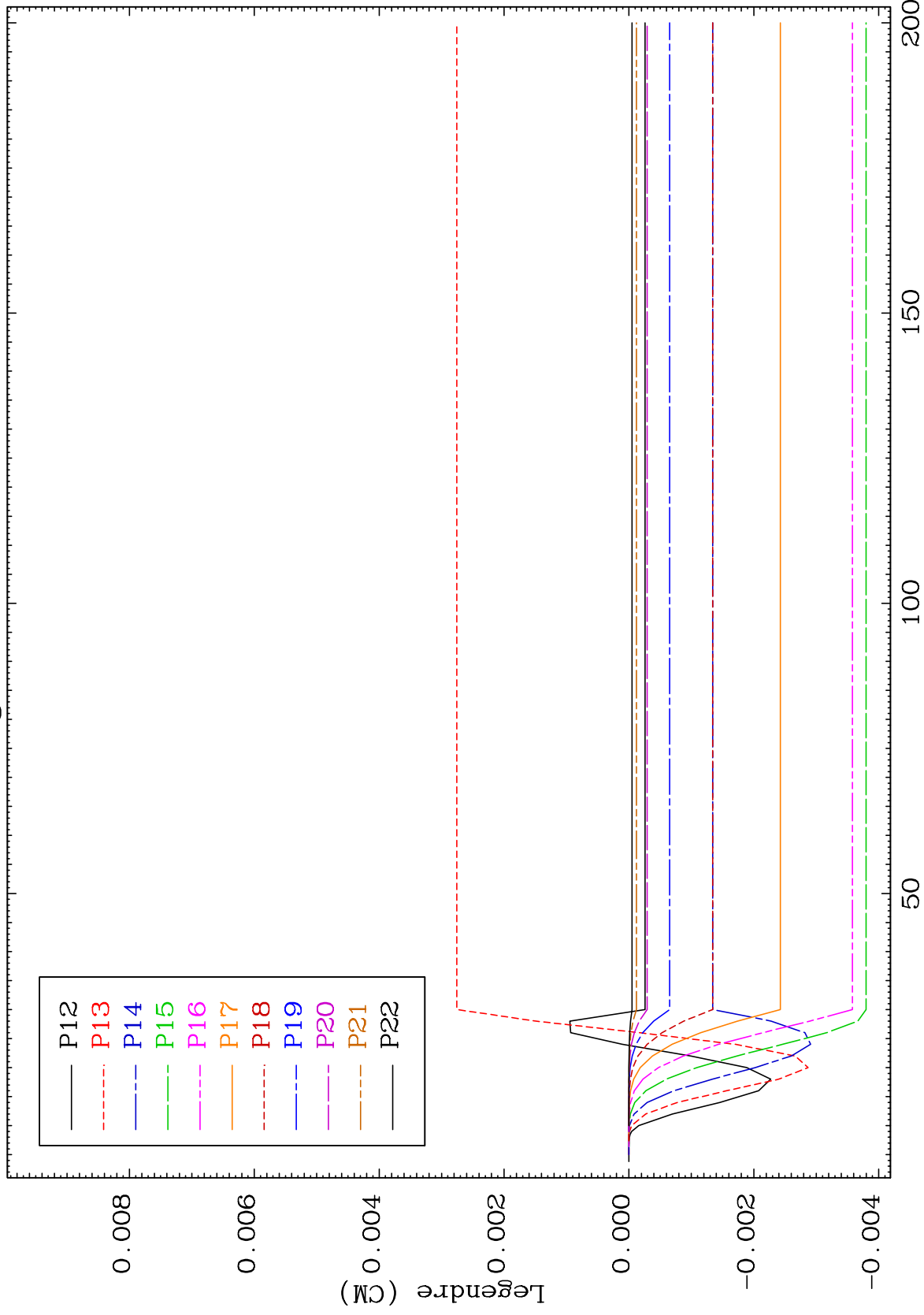




MAT 3040

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

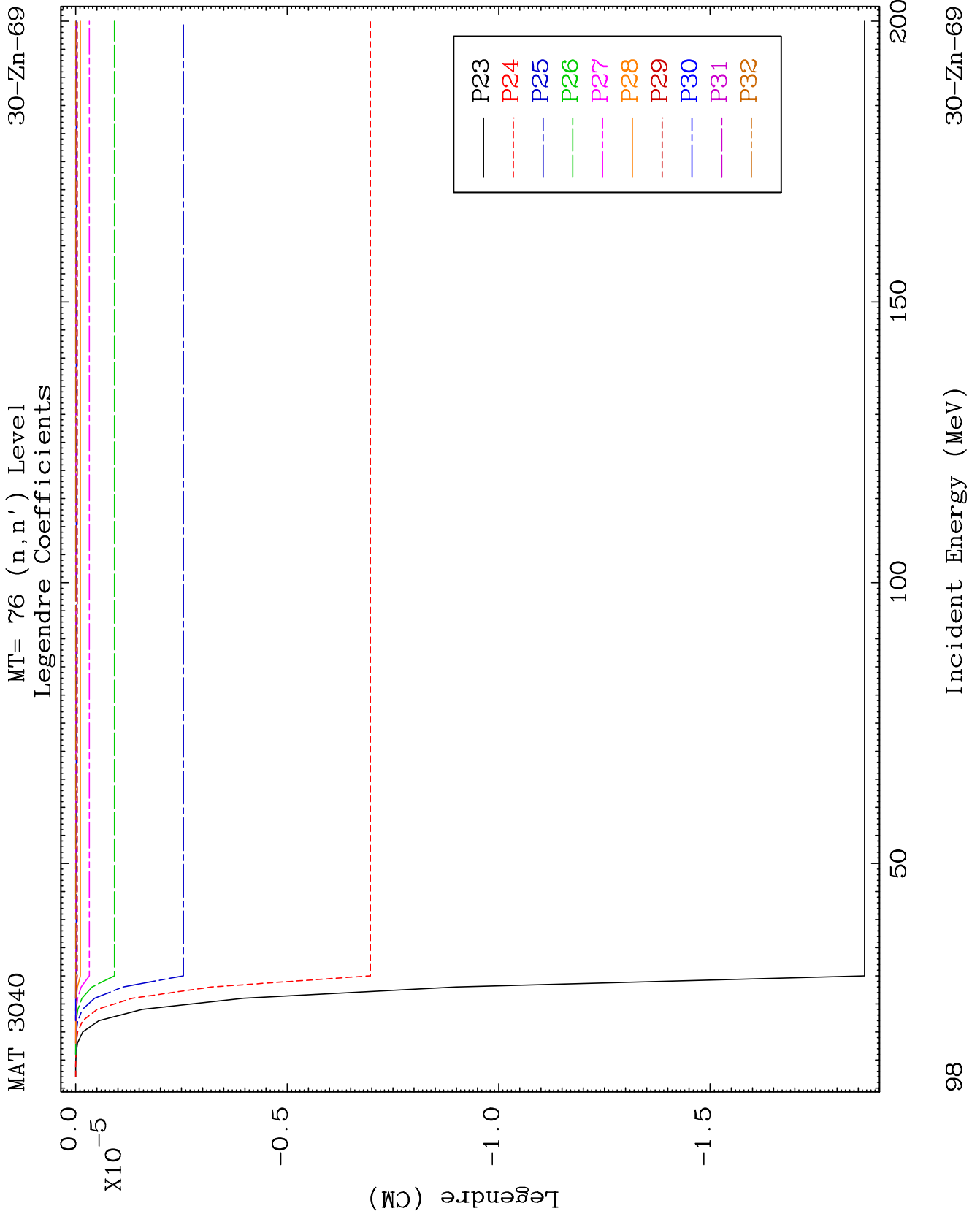
30-Zn-69

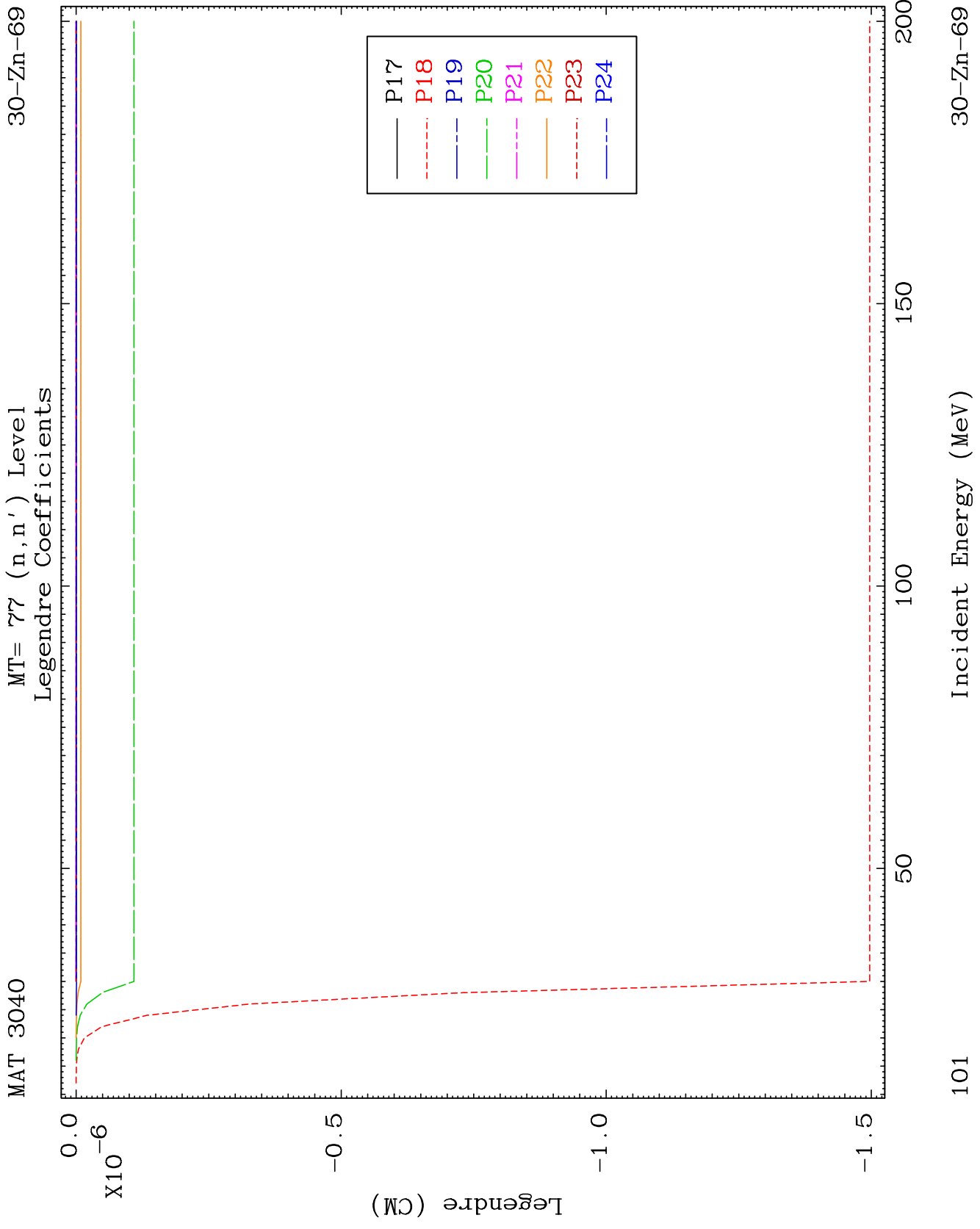


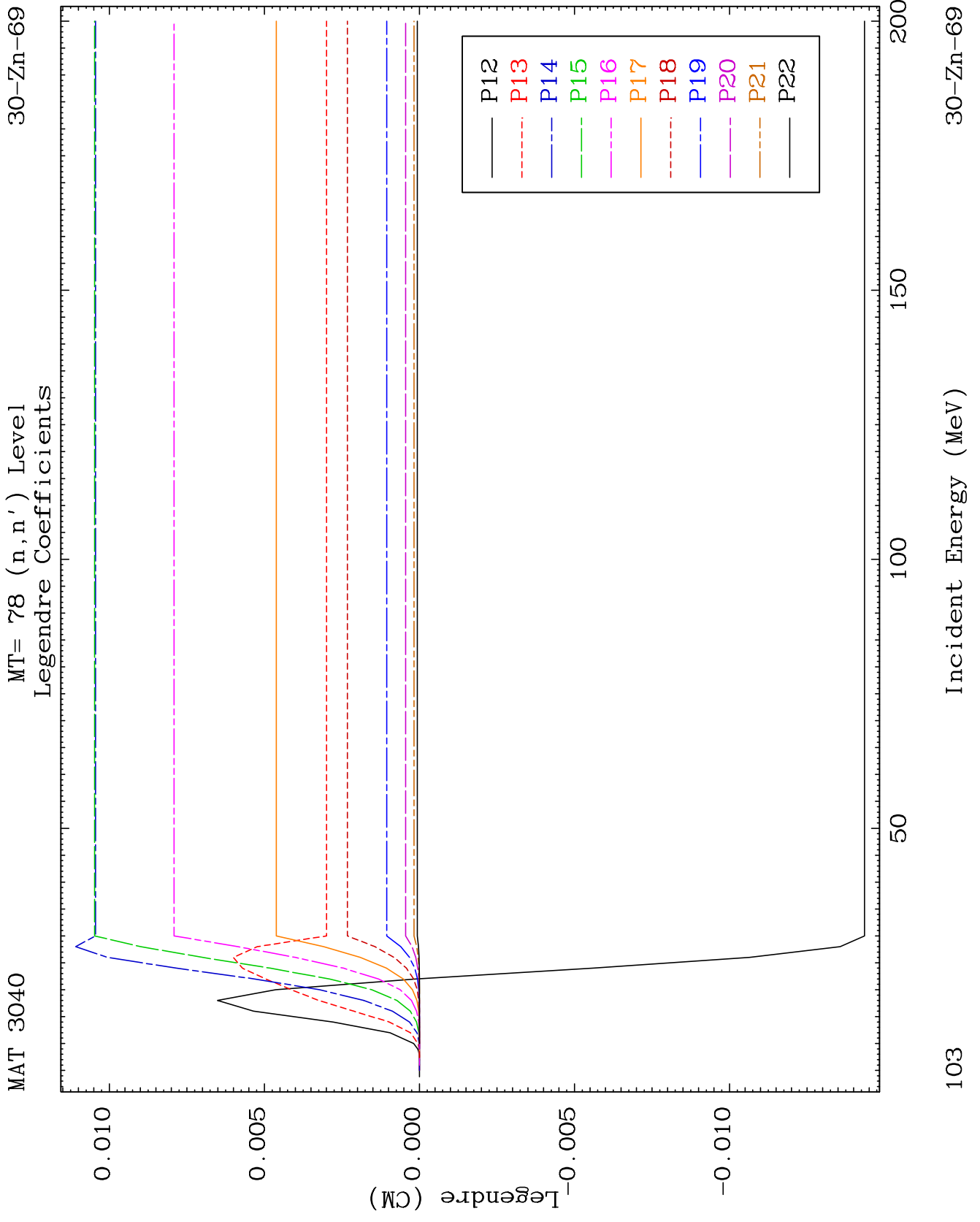
97

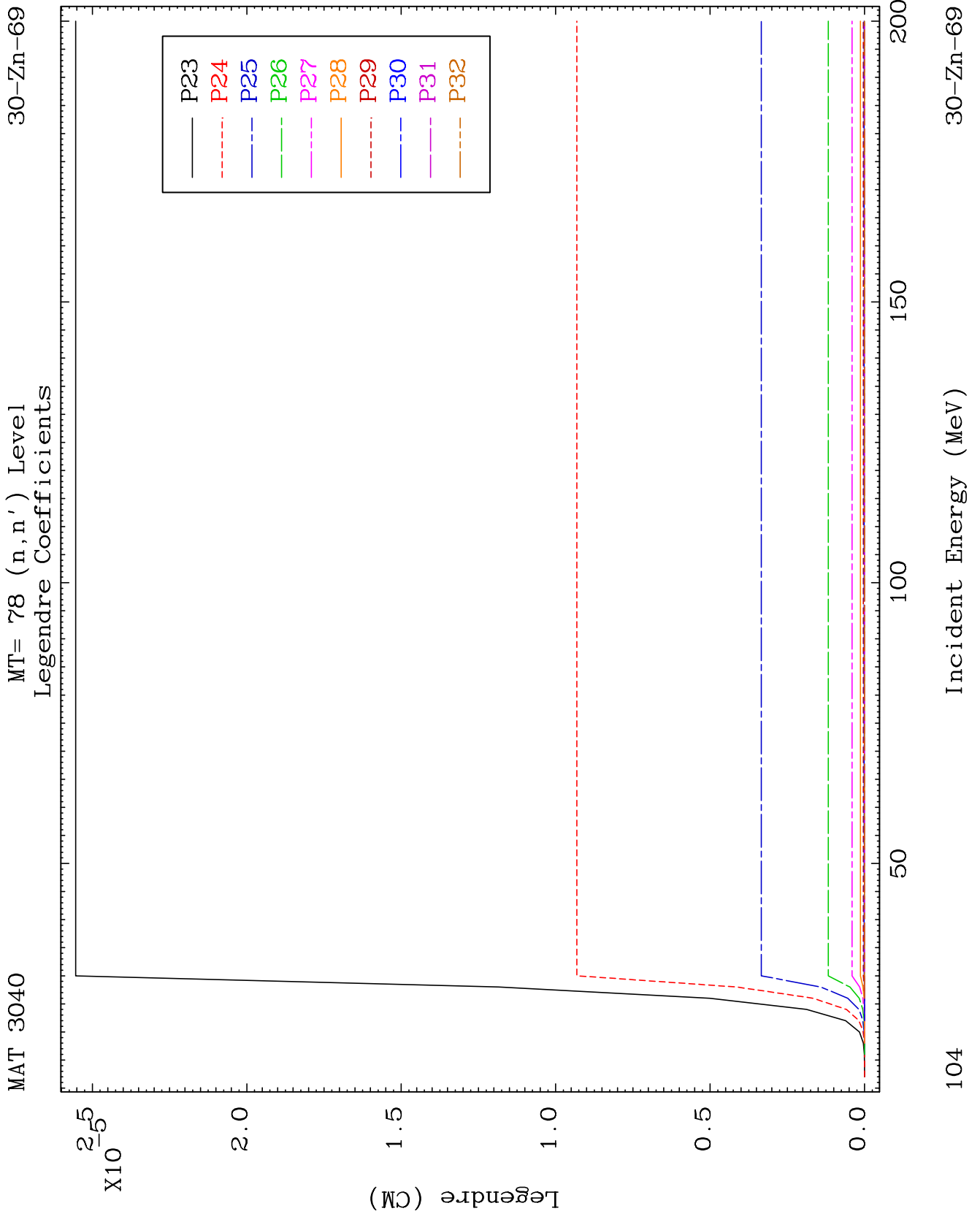
Incident Energy (MeV)

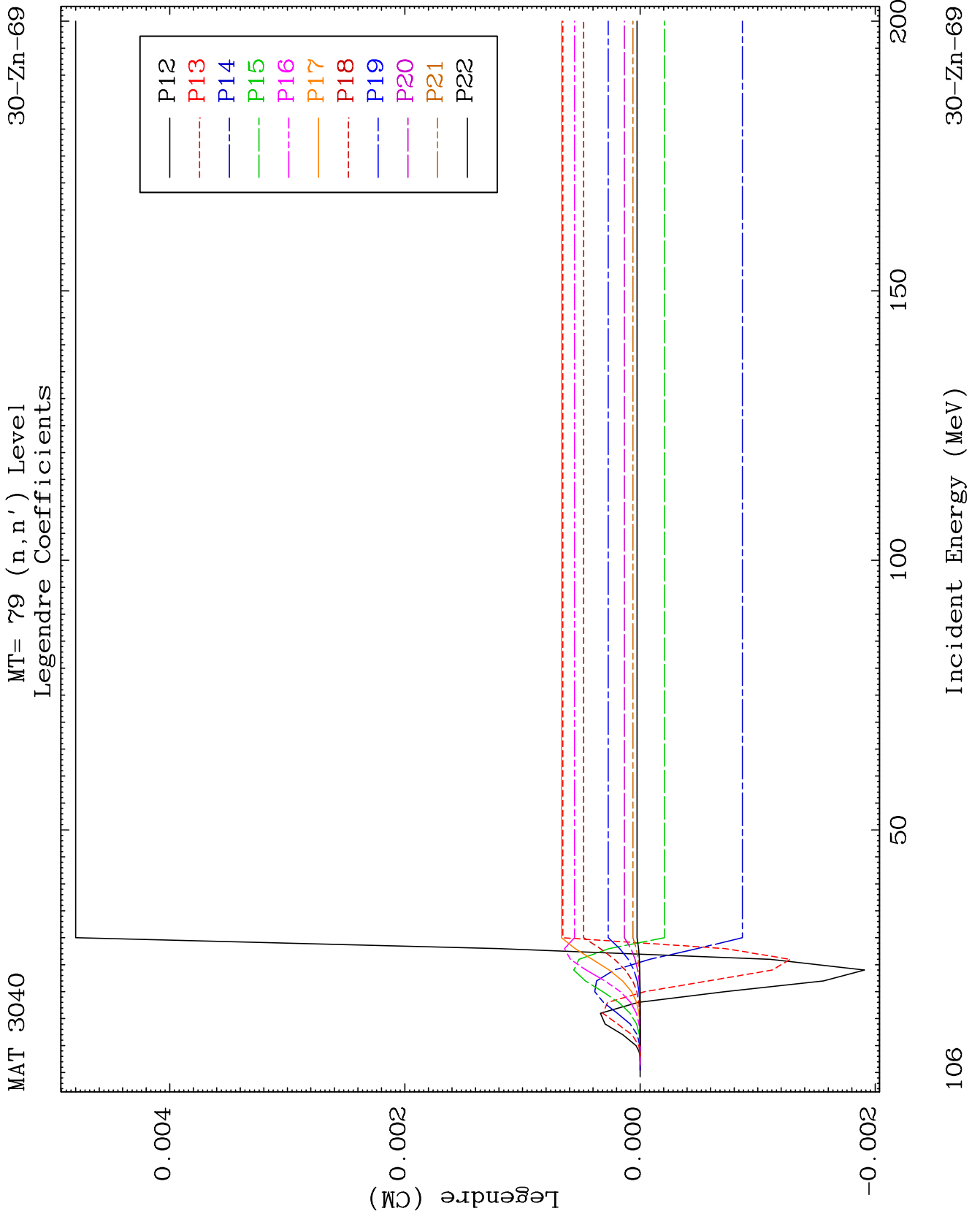
30-Zn-69



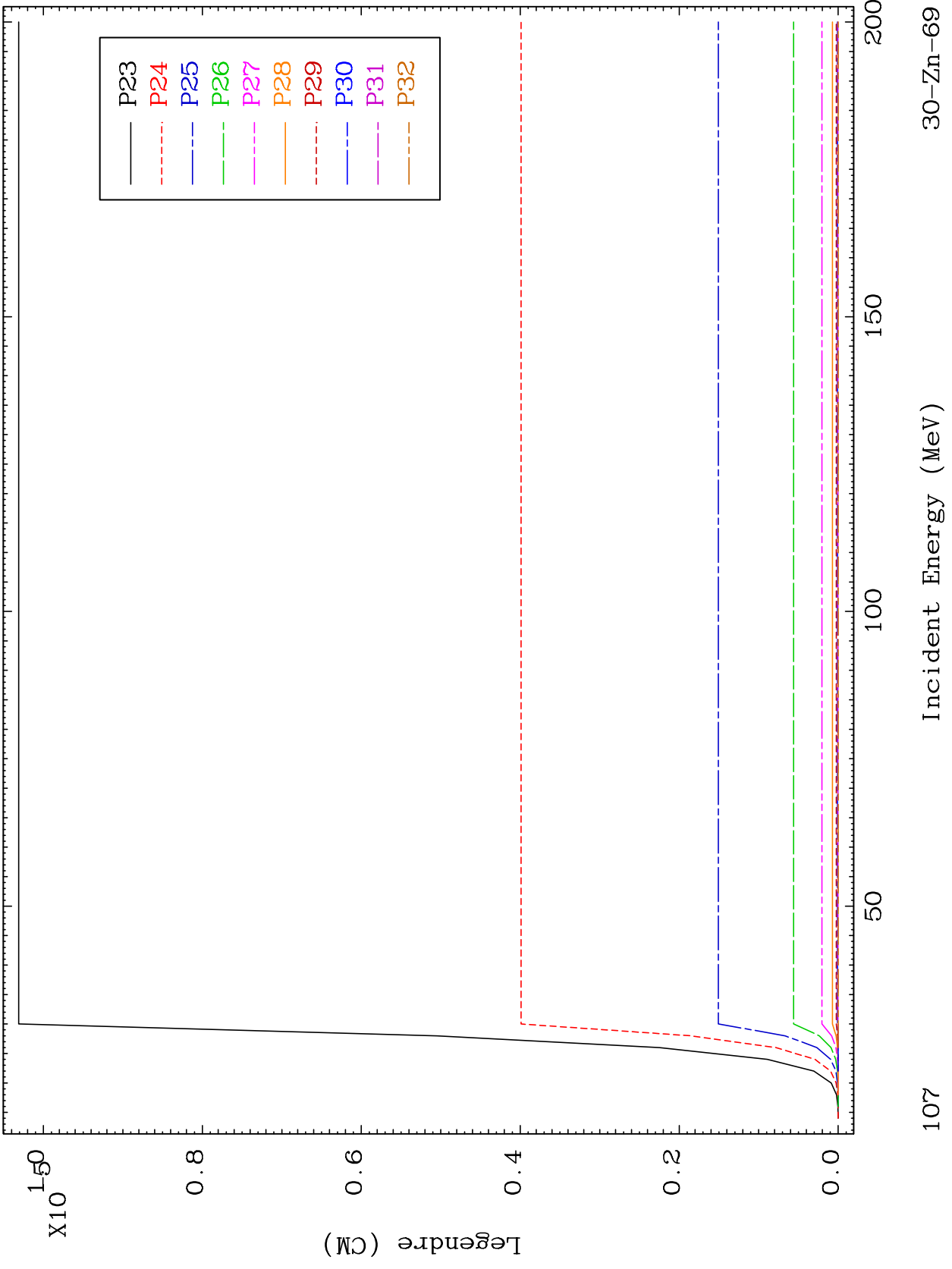


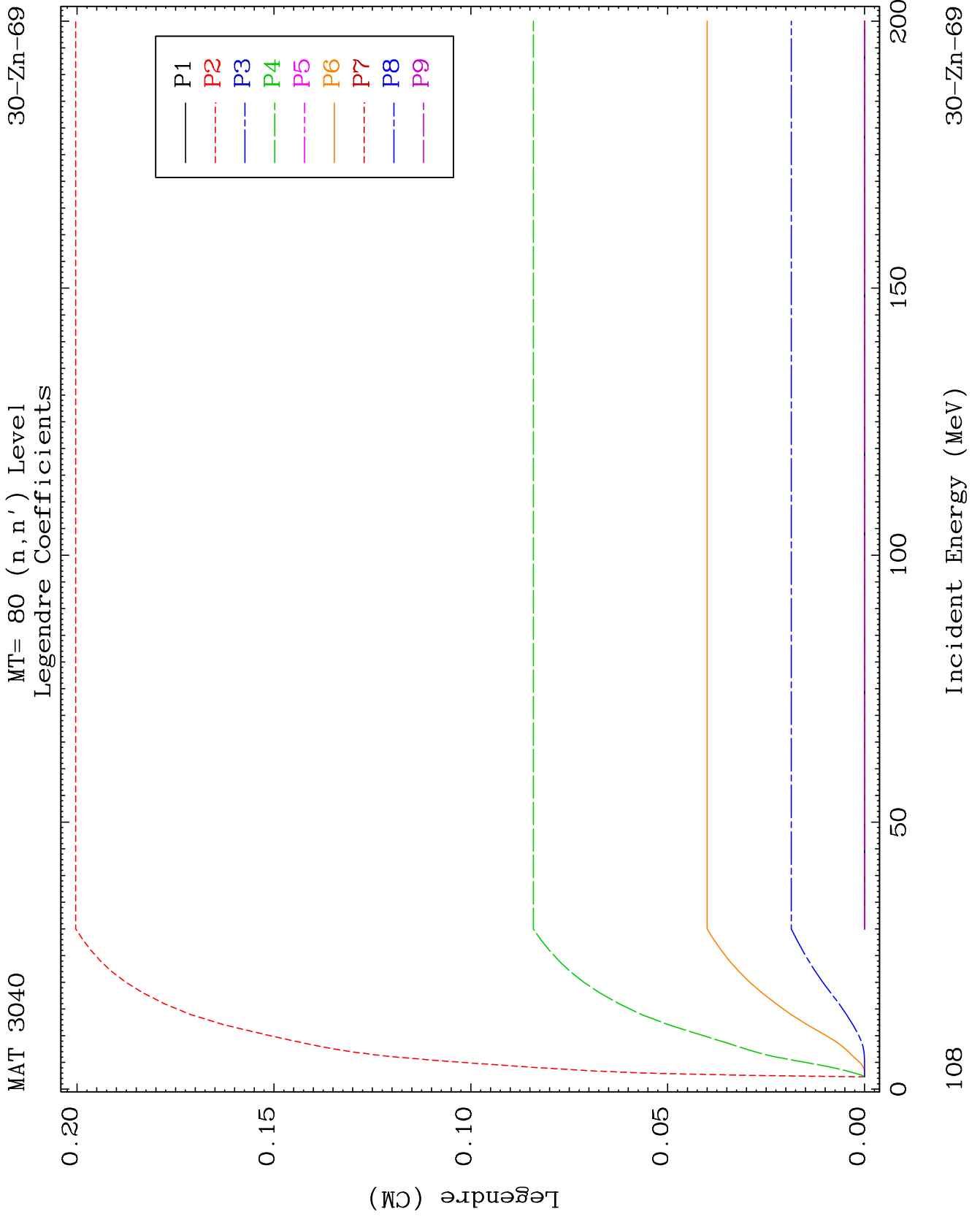


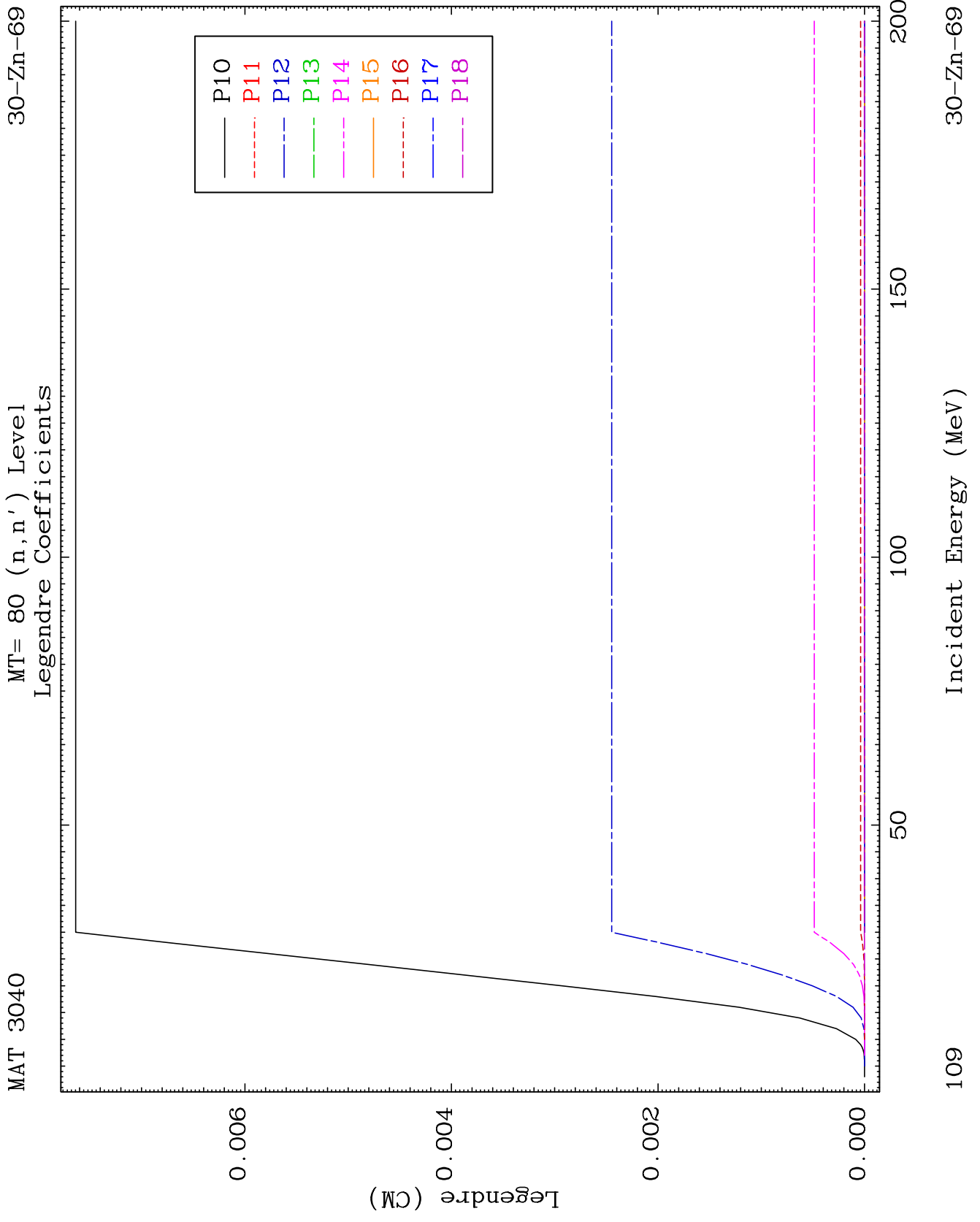


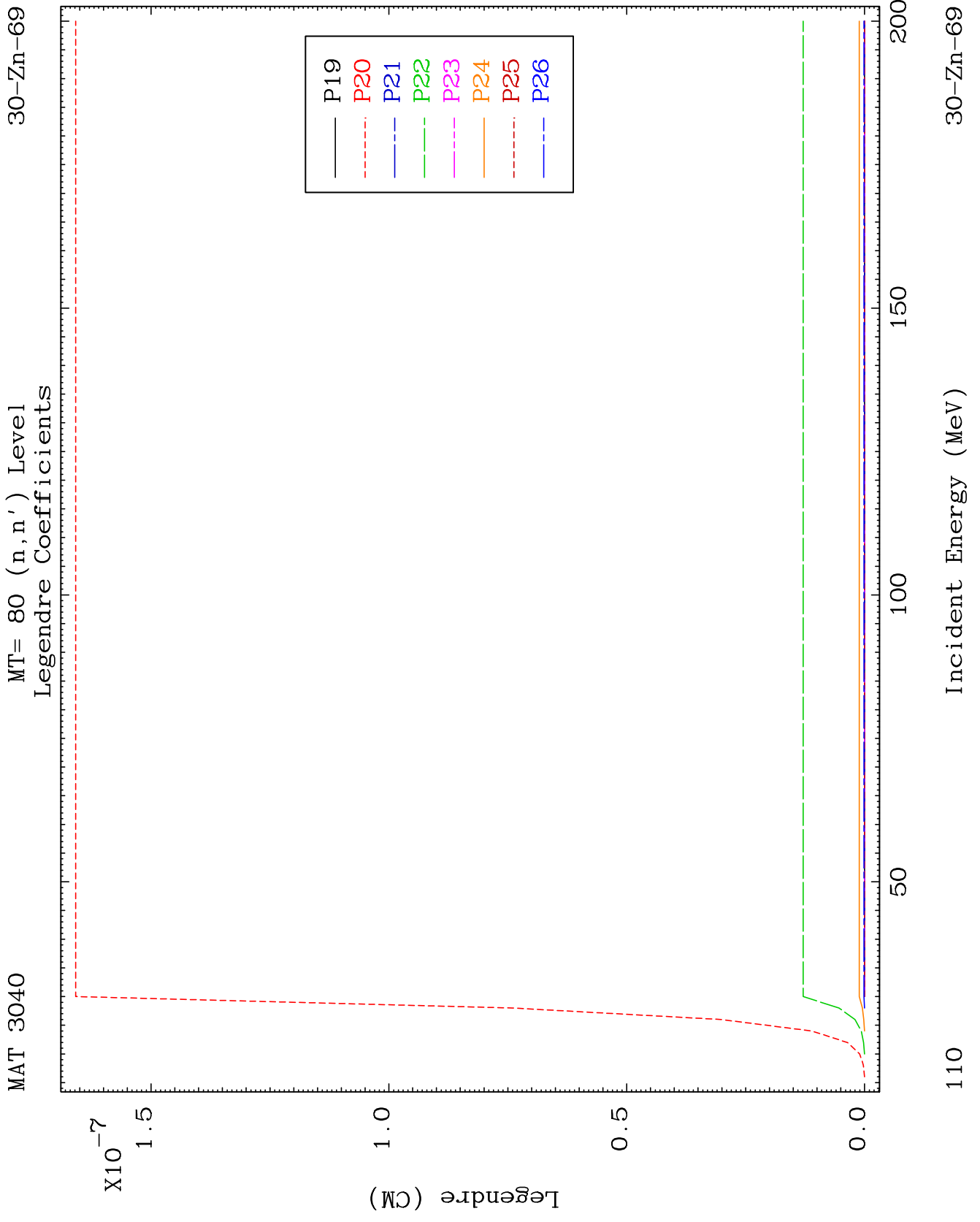


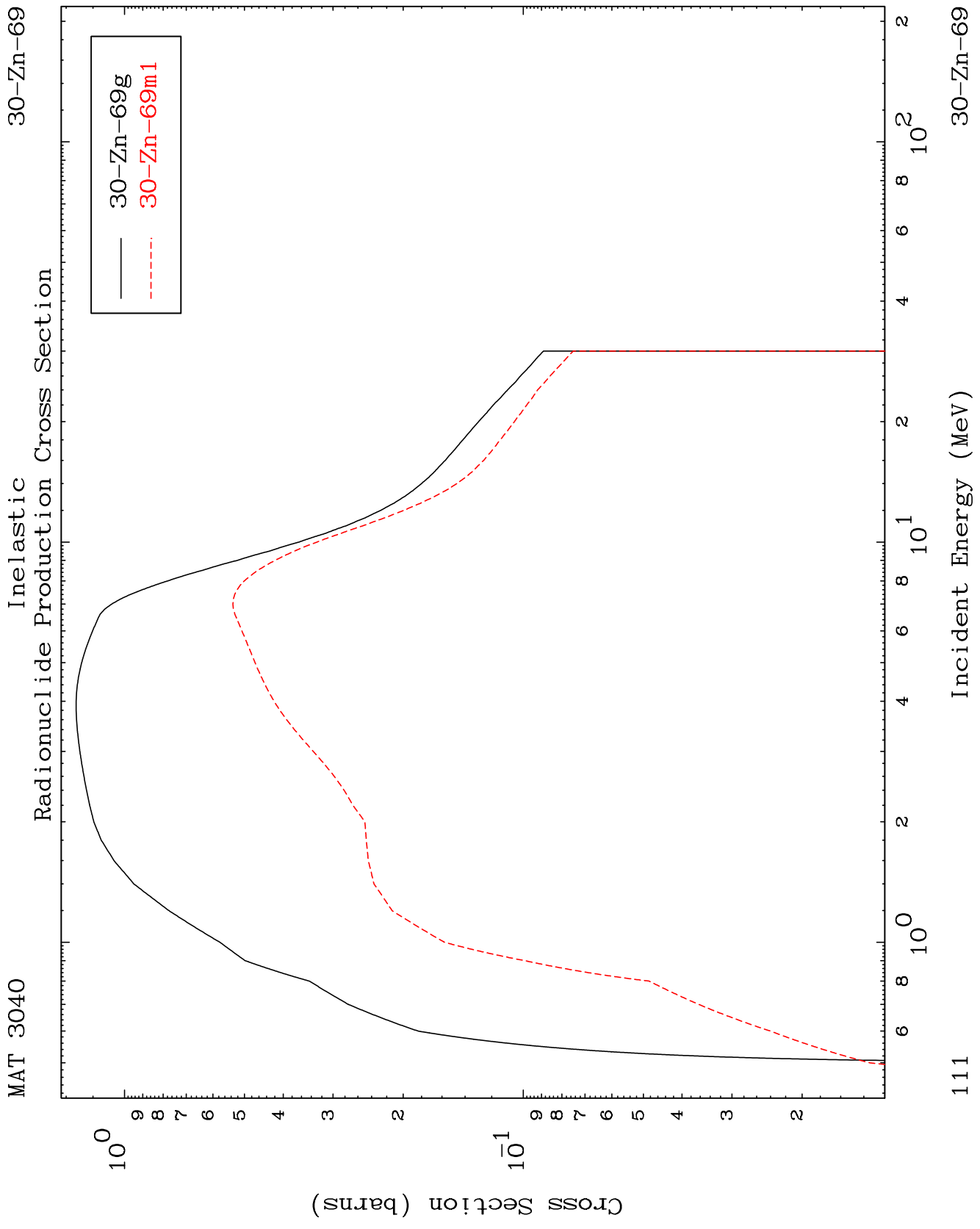
MAT 3040 MT= 79 (n,n') Level Legendre Coefficients 30-Zn-69









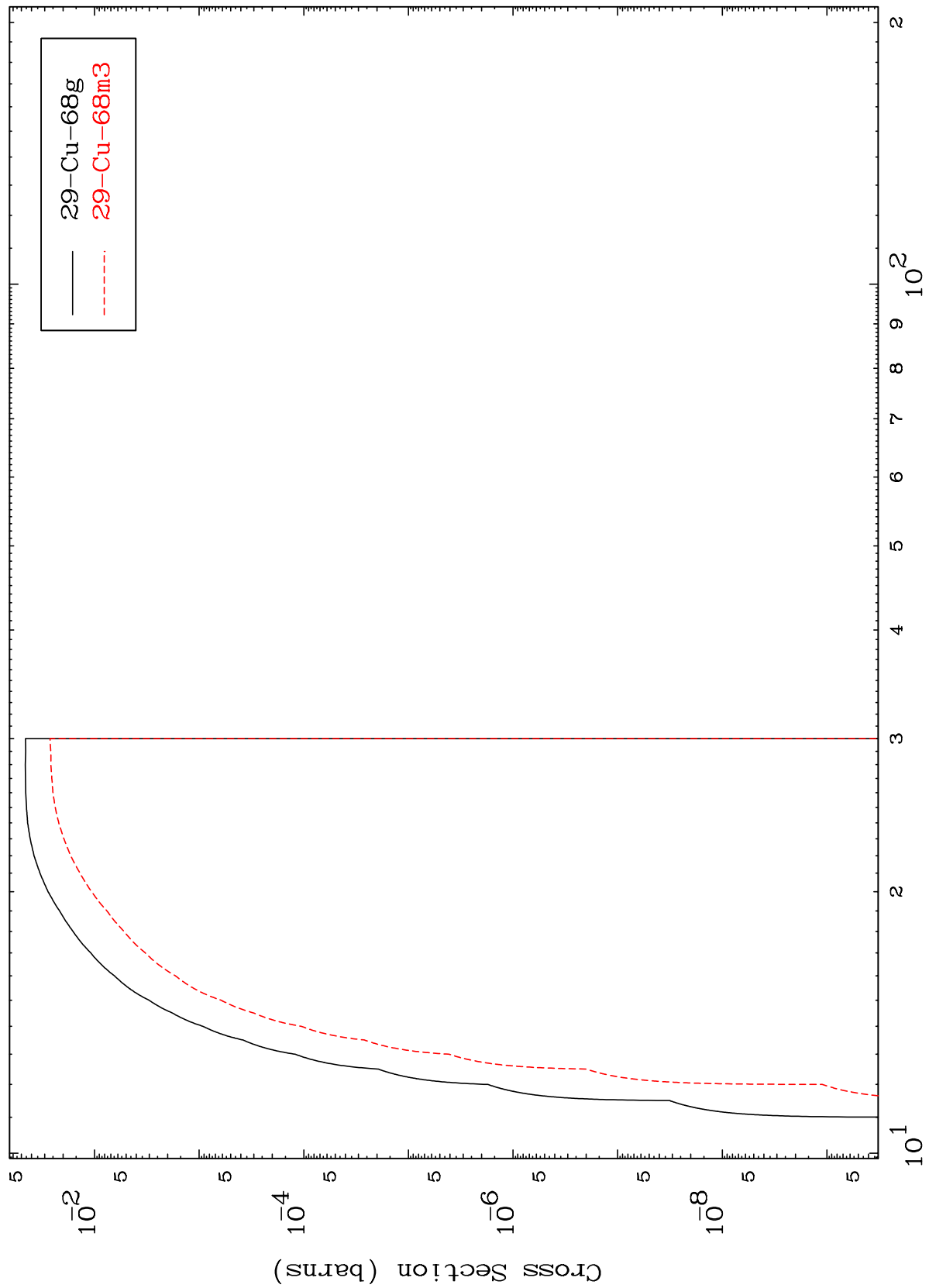


MAT 3040

(n,n') p

30-Zn-69

Radionuclide Production Cross Section



Incident Energy (MeV)

30-Zn-69

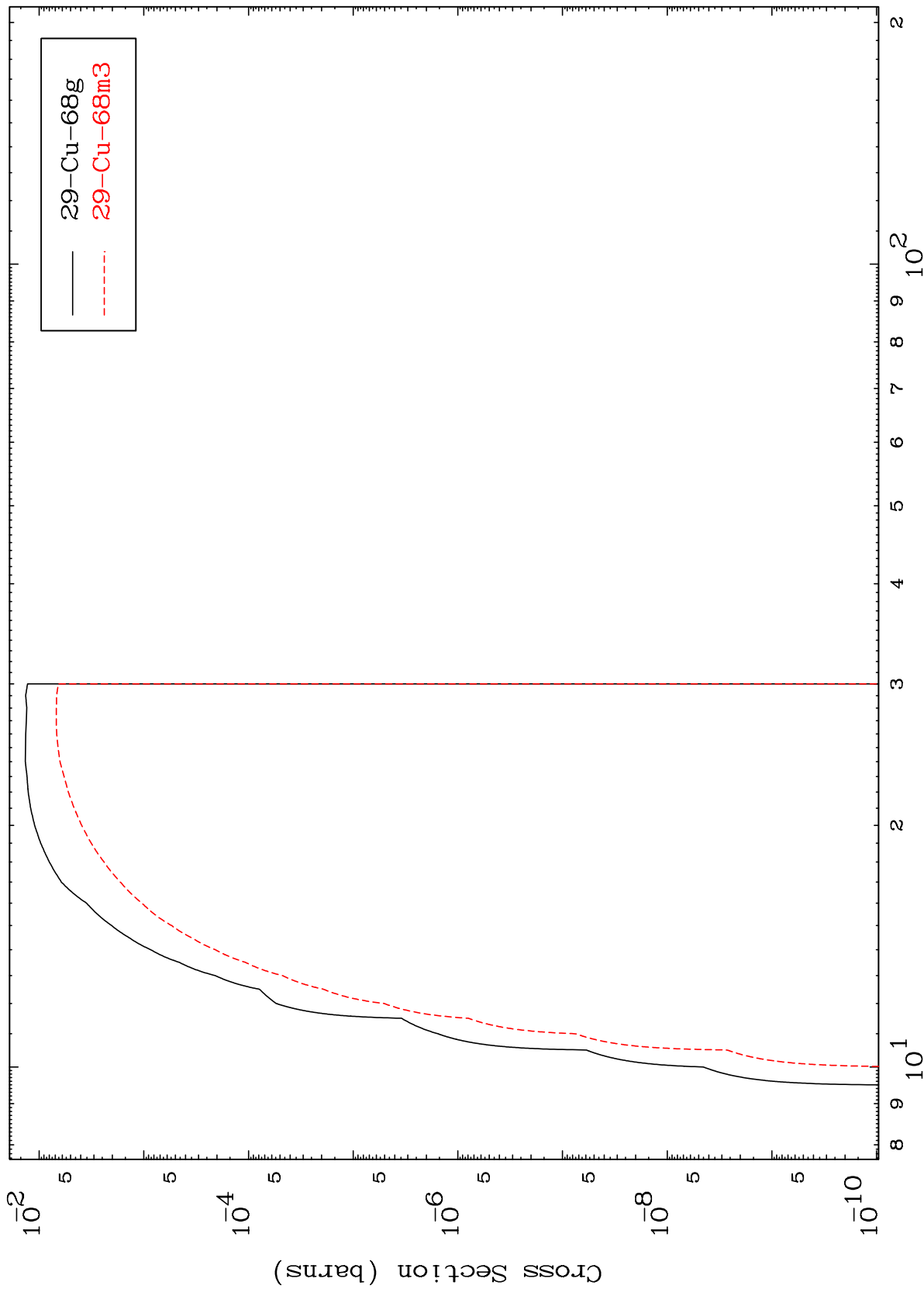
112

MAT 3040

(n,d)

30-Zn-69

Radionuclide Production Cross Section



Incident Energy (MeV)

30-Zn-69

113