

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

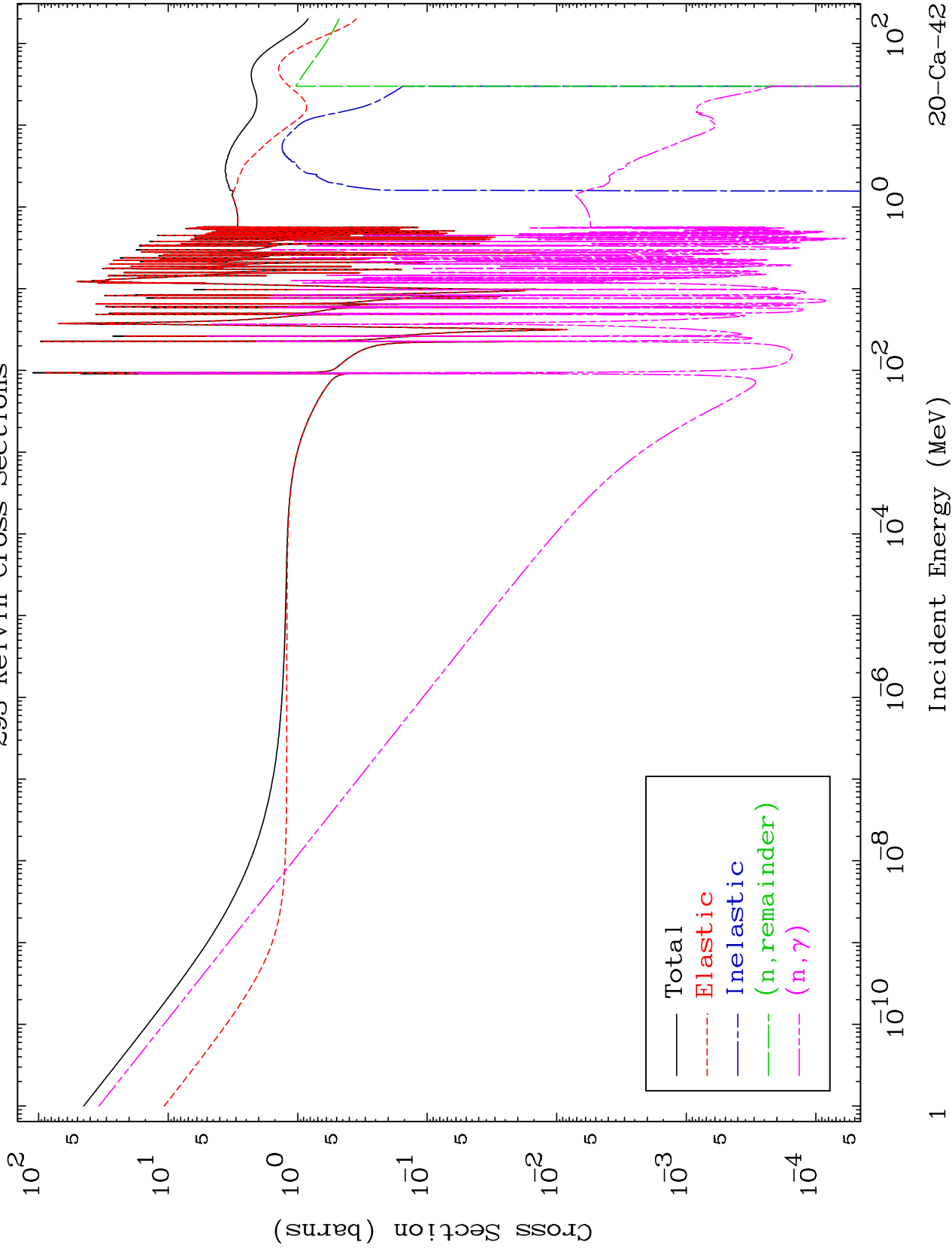
Press Mouse Button to Start

MAT 2031

Major

293 Kelvin Cross Sections

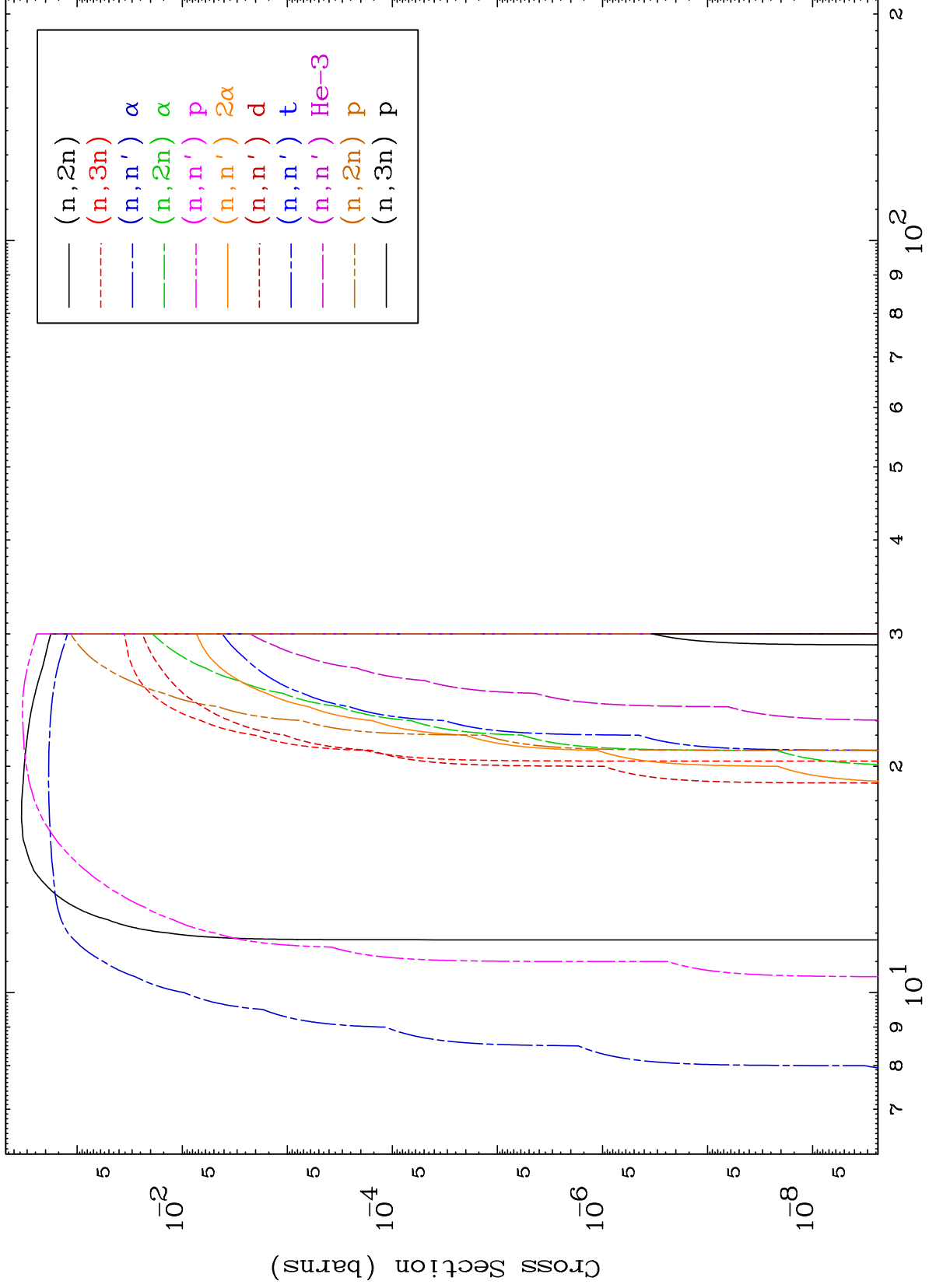
20-Ca-42



MAT 2031

Neutron Production 293 Kelvin Cross Sections

20-Ca-42



2

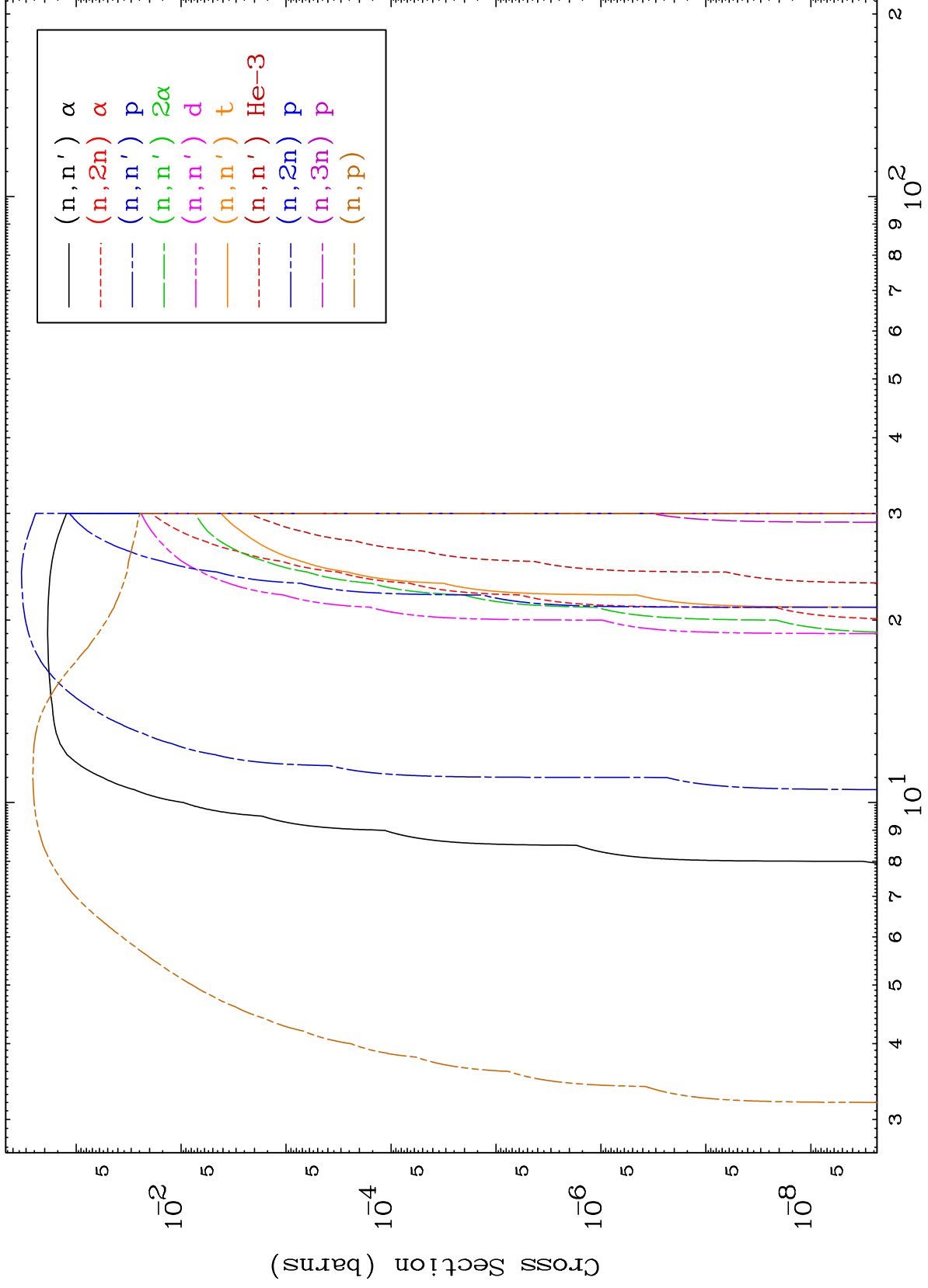
Incident Energy (MeV)

20-Ca-42

MAT 2031

Charged Particle
293 Kelvin Cross Sections

20-Ca-42



3

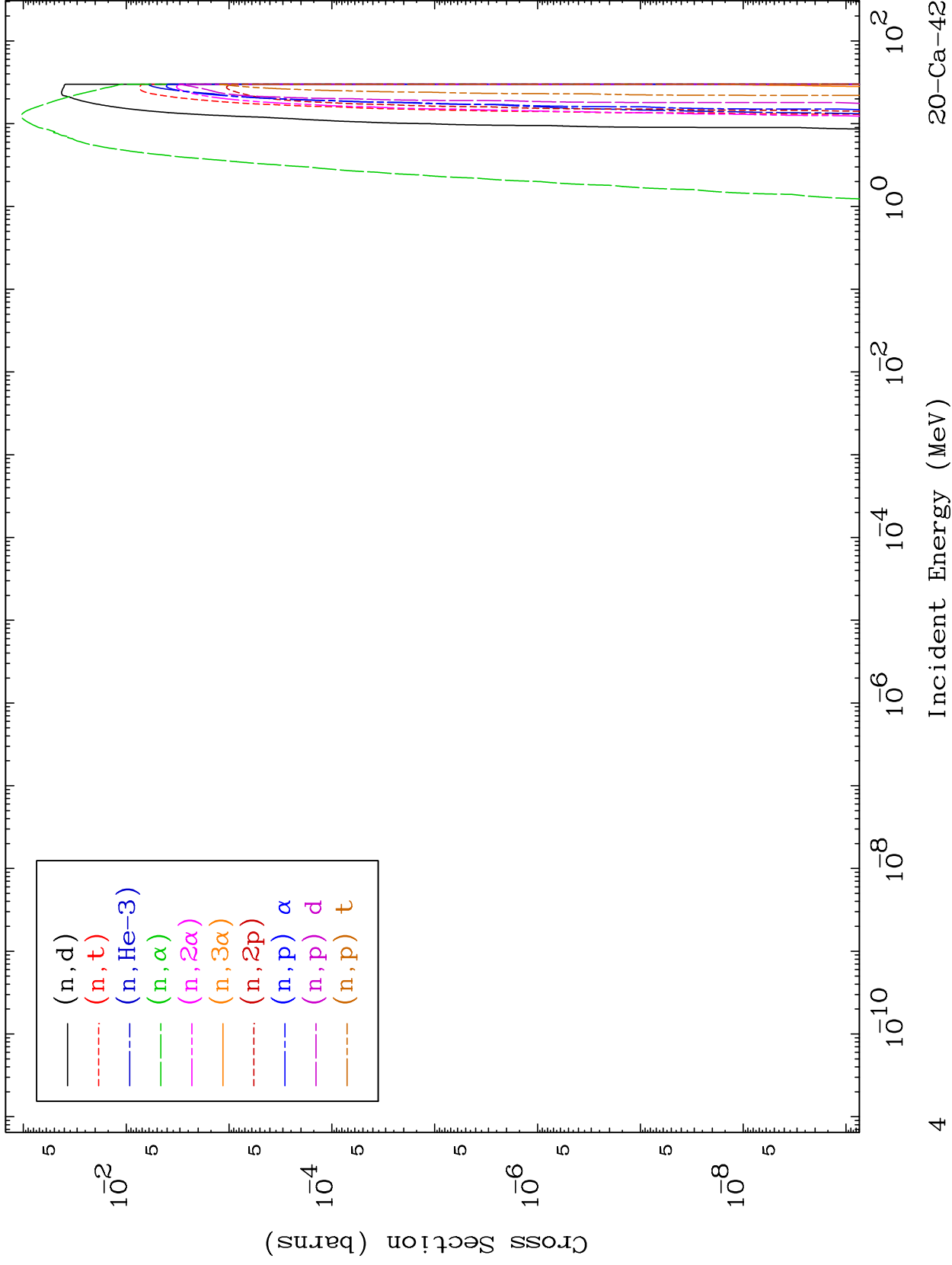
Incident Energy (MeV)

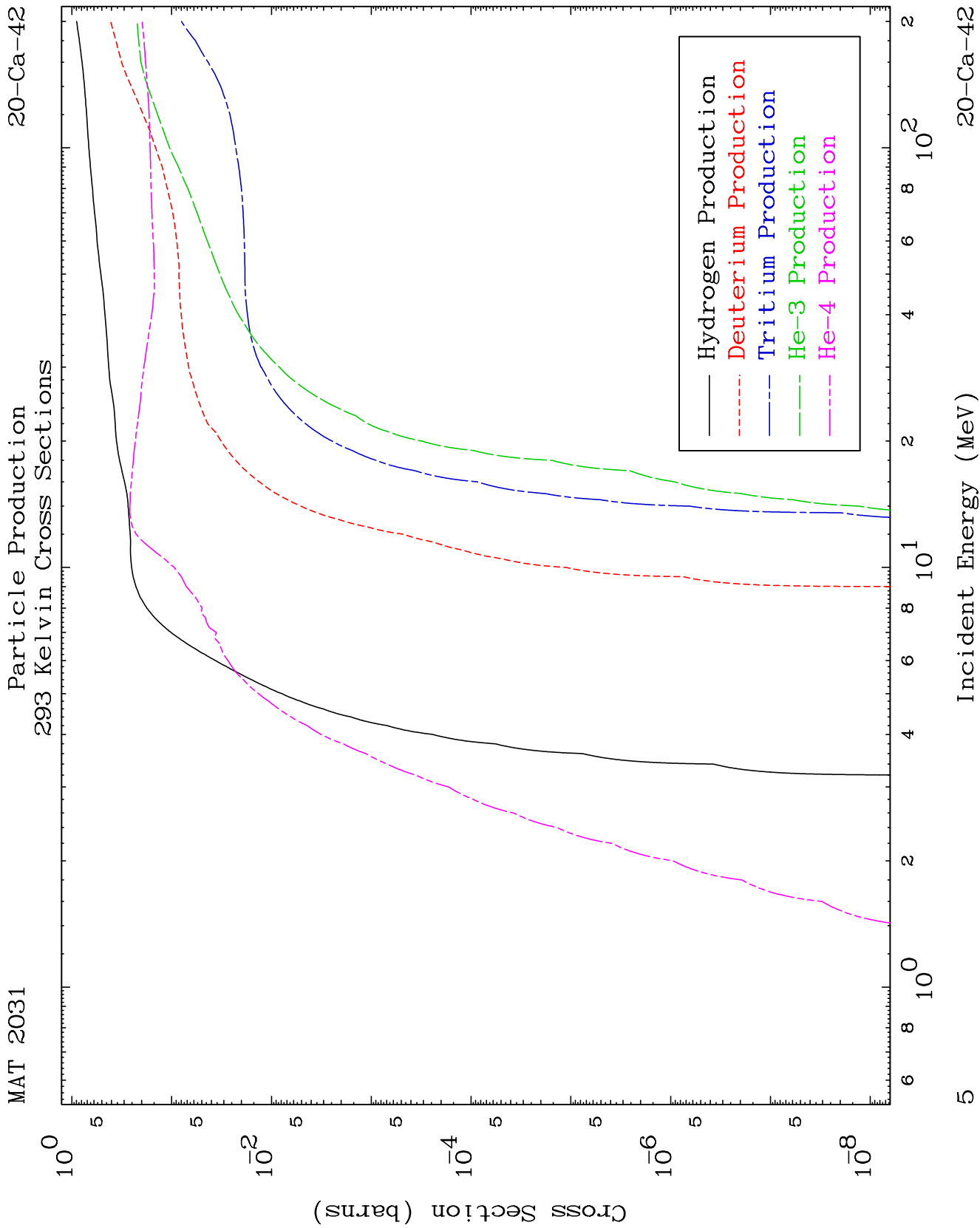
20-Ca-42

MAT 2031

Charged Particle
293 Kelvin Cross Sections

20-Ca-42

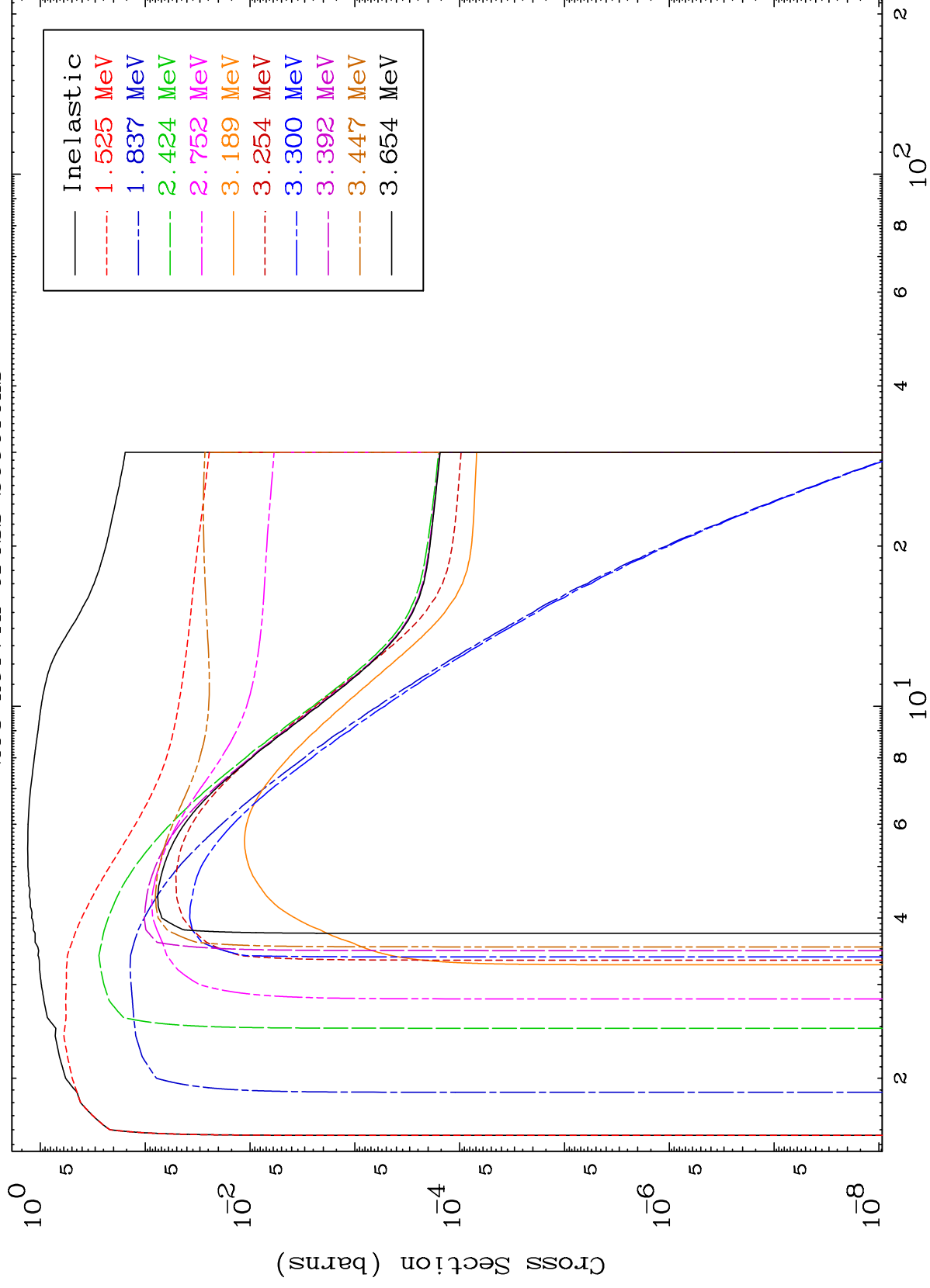




MAT 2031

(n,n') Level
293 Kelvin Cross Sections

20-Ca-42



6

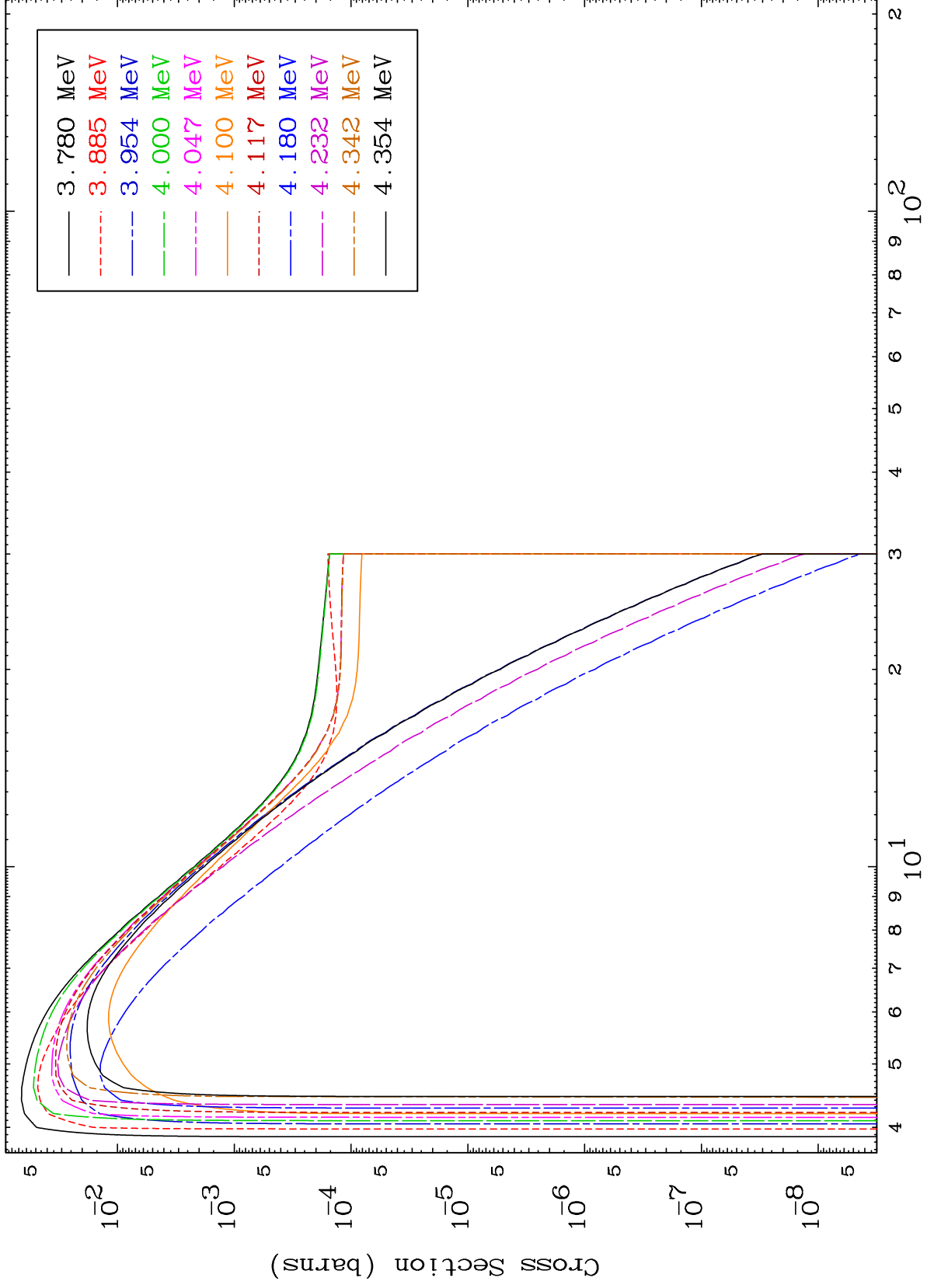
Incident Energy (MeV)

20-Ca-42

MAT 2031

(n,n') Level
293 Kelvin Cross Sections

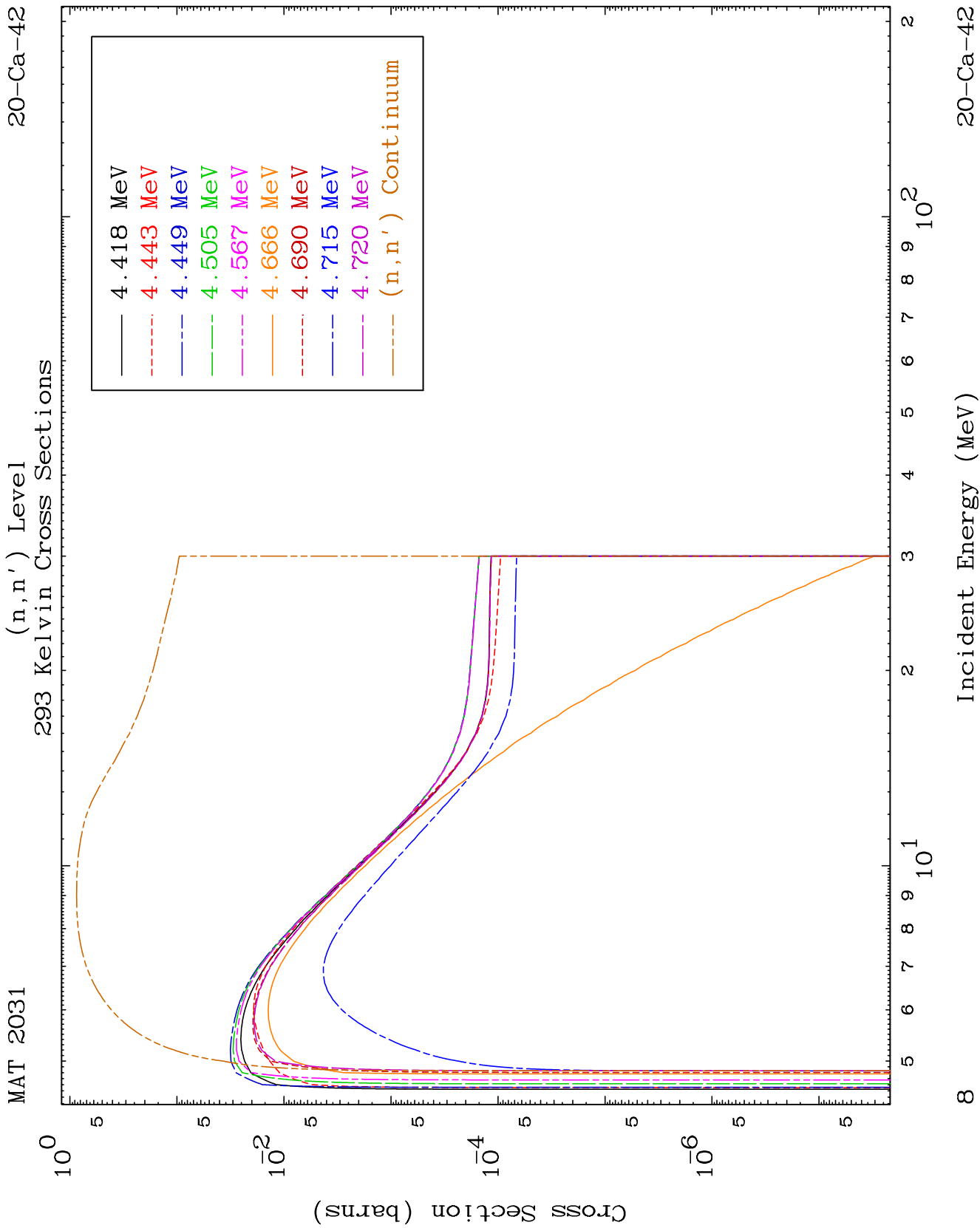
20-Ca-42



7

Incident Energy (MeV)

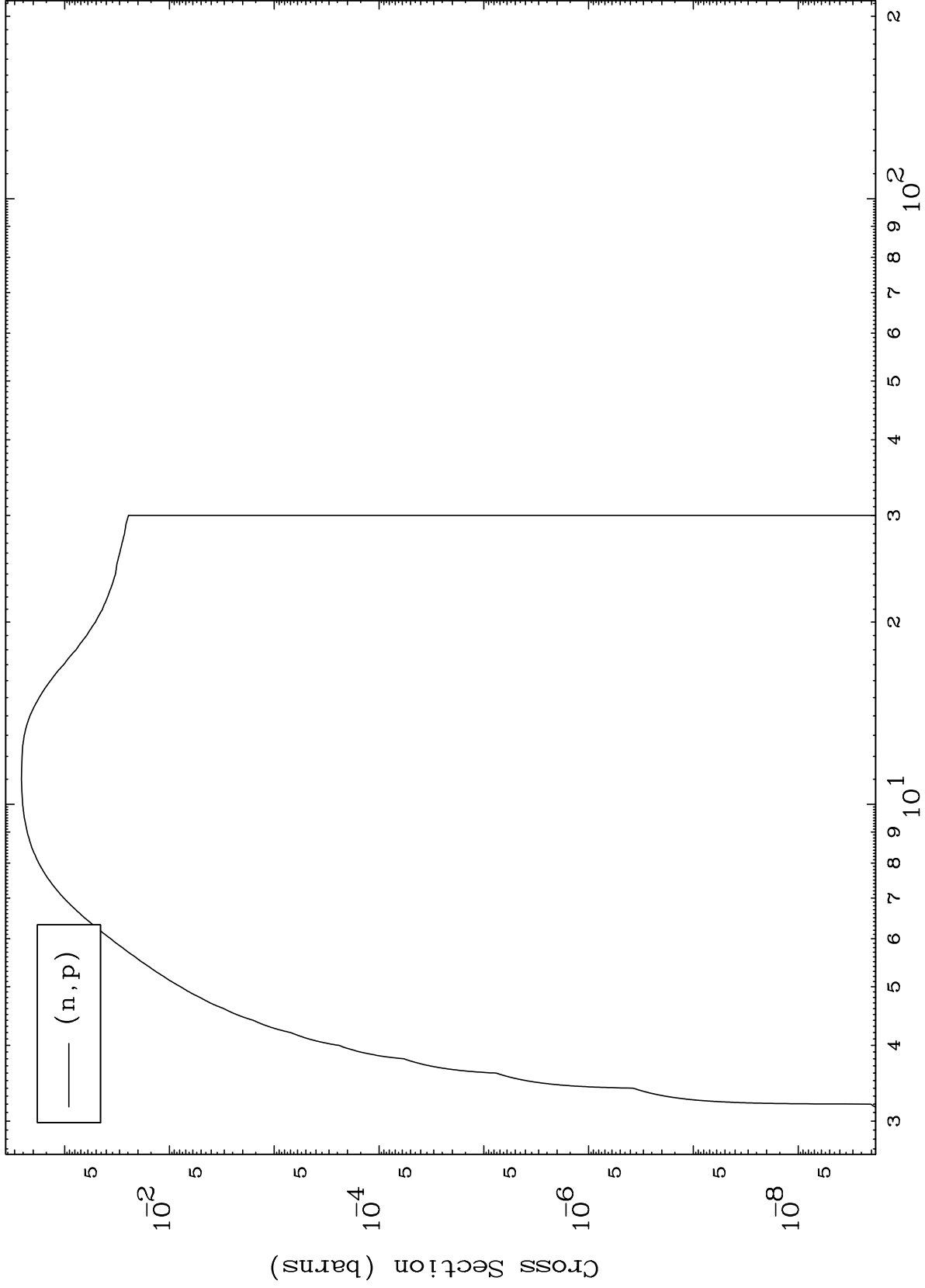
20-Ca-42



MAT 2031

(n,p) Levels
293 Kelvin Cross Sections

20-Ca-42



9

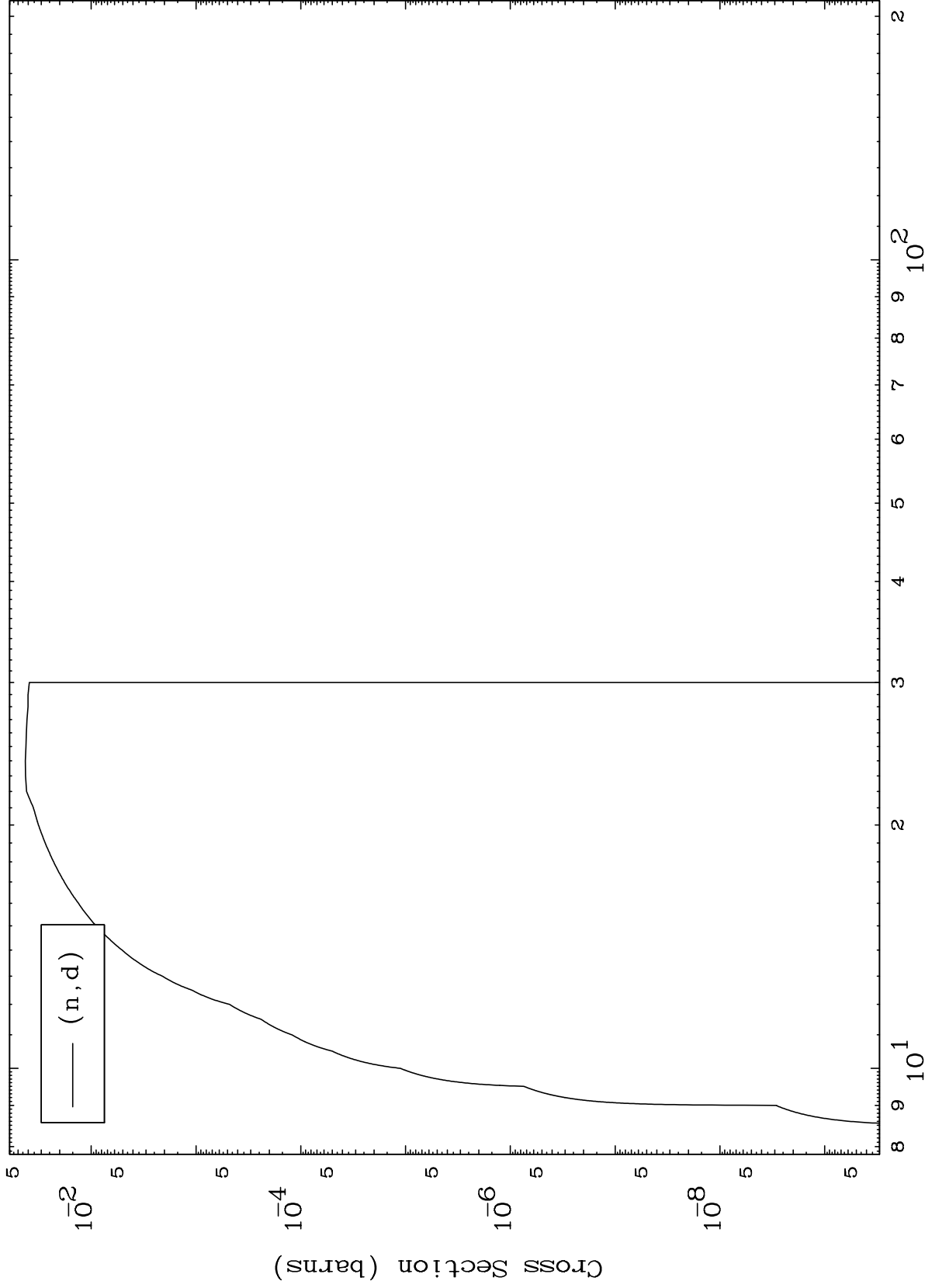
Incident Energy (MeV)

20-Ca-42

MAT 2031

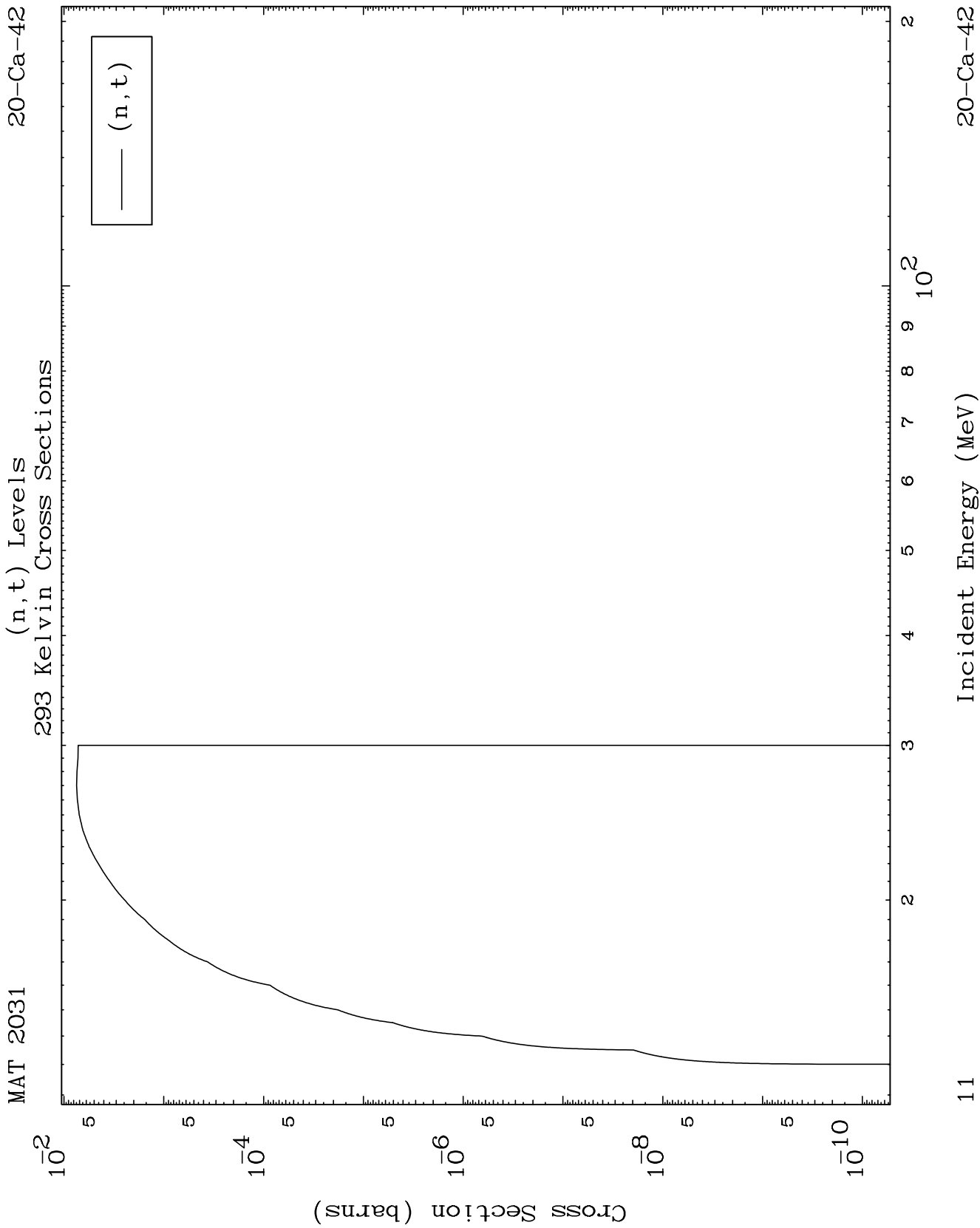
(n,d) Levels
293 Kelvin Cross Sections

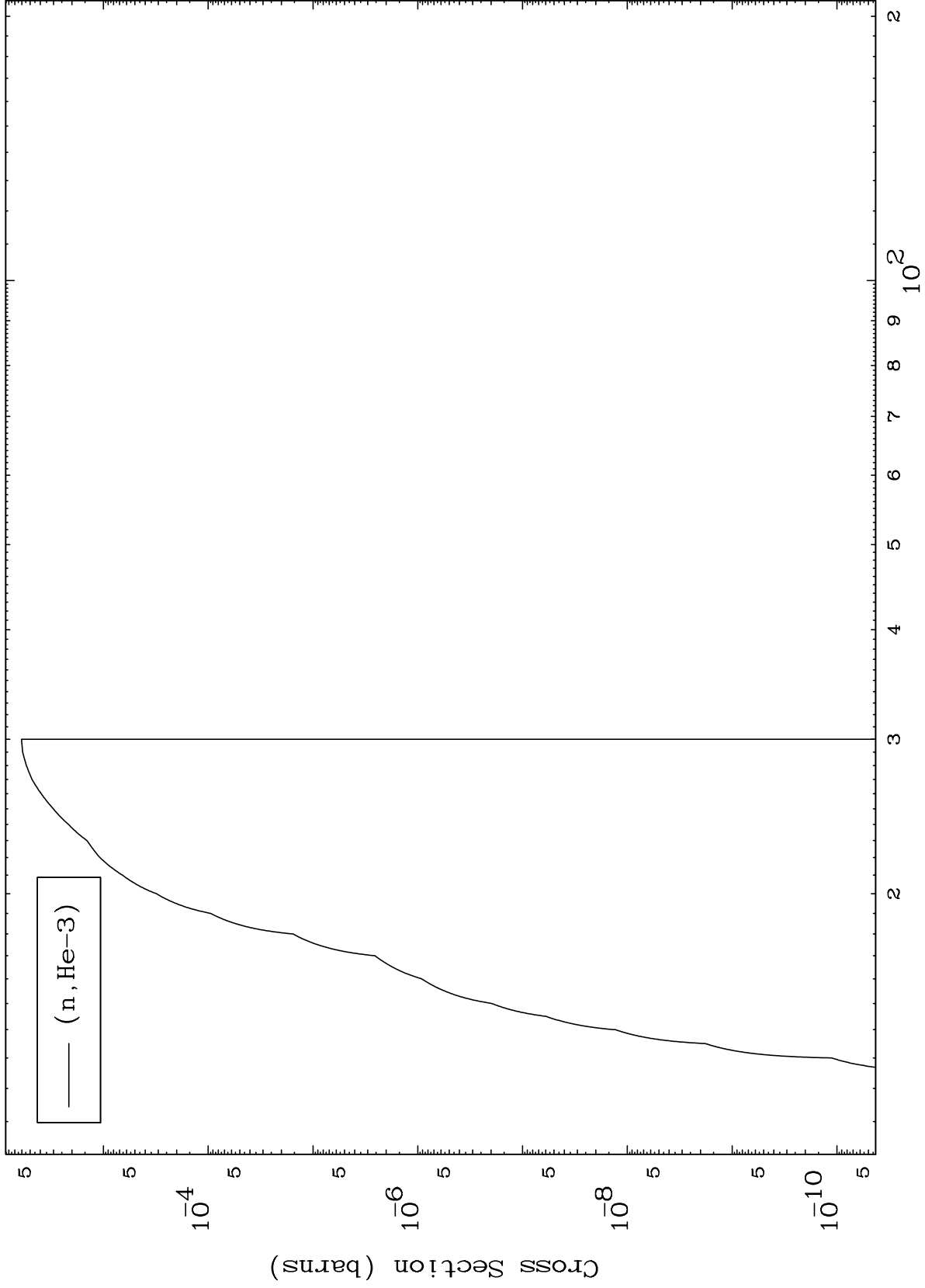
20-Ca-42



Incident Energy (MeV)

20-Ca-42

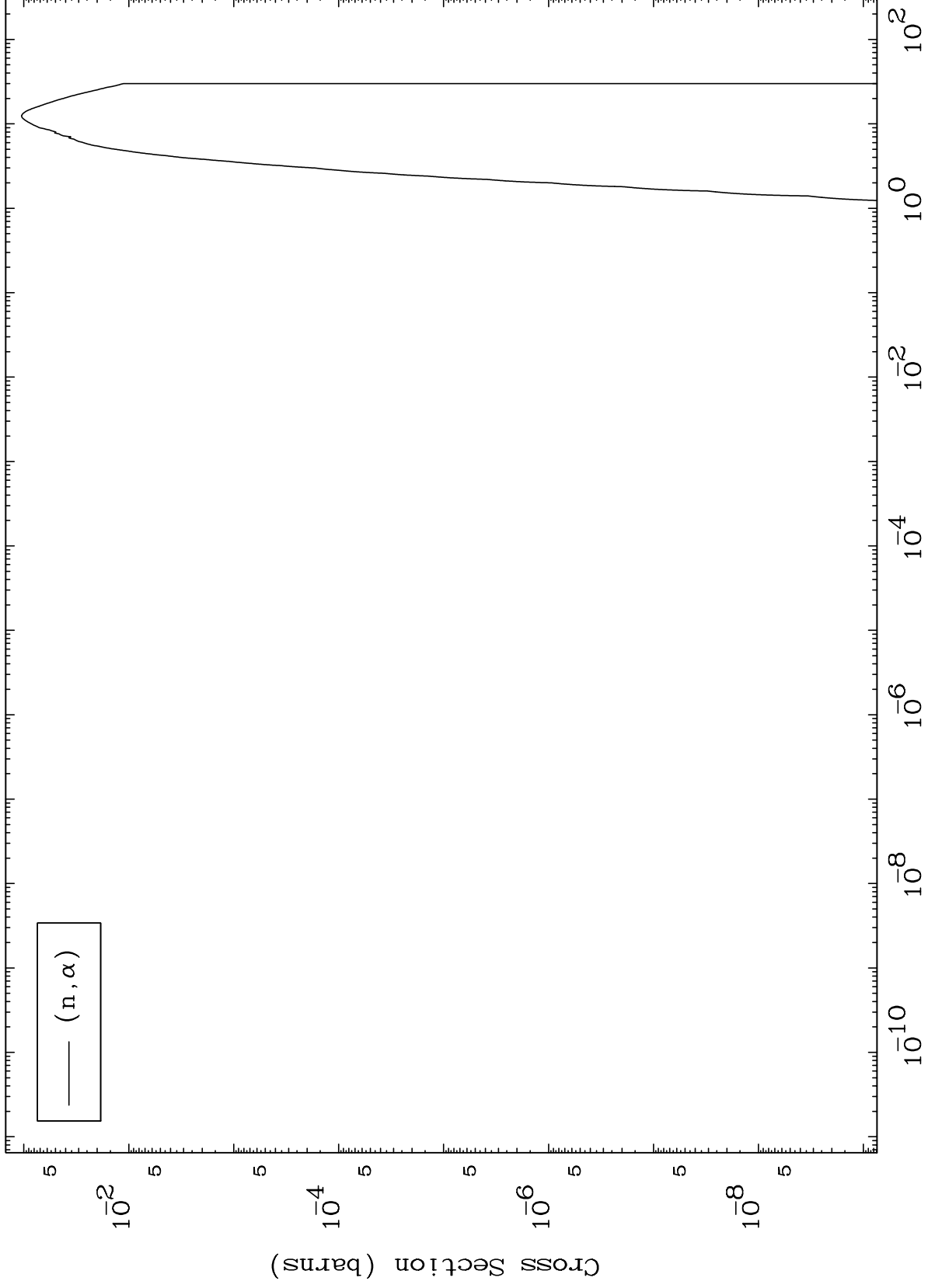




MAT 2031

(n, α) Levels
293 Kelvin Cross Sections

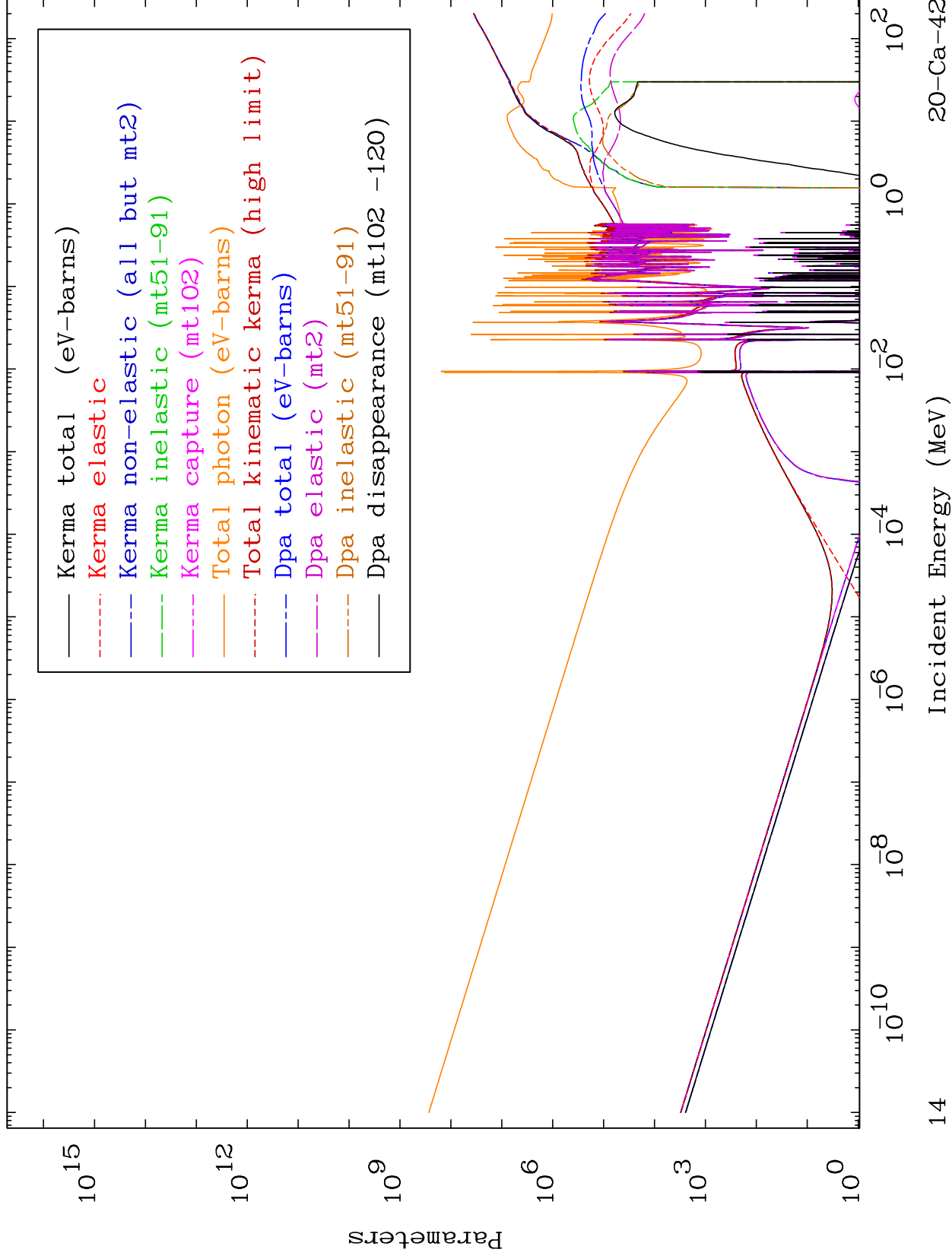
20-Ca-42

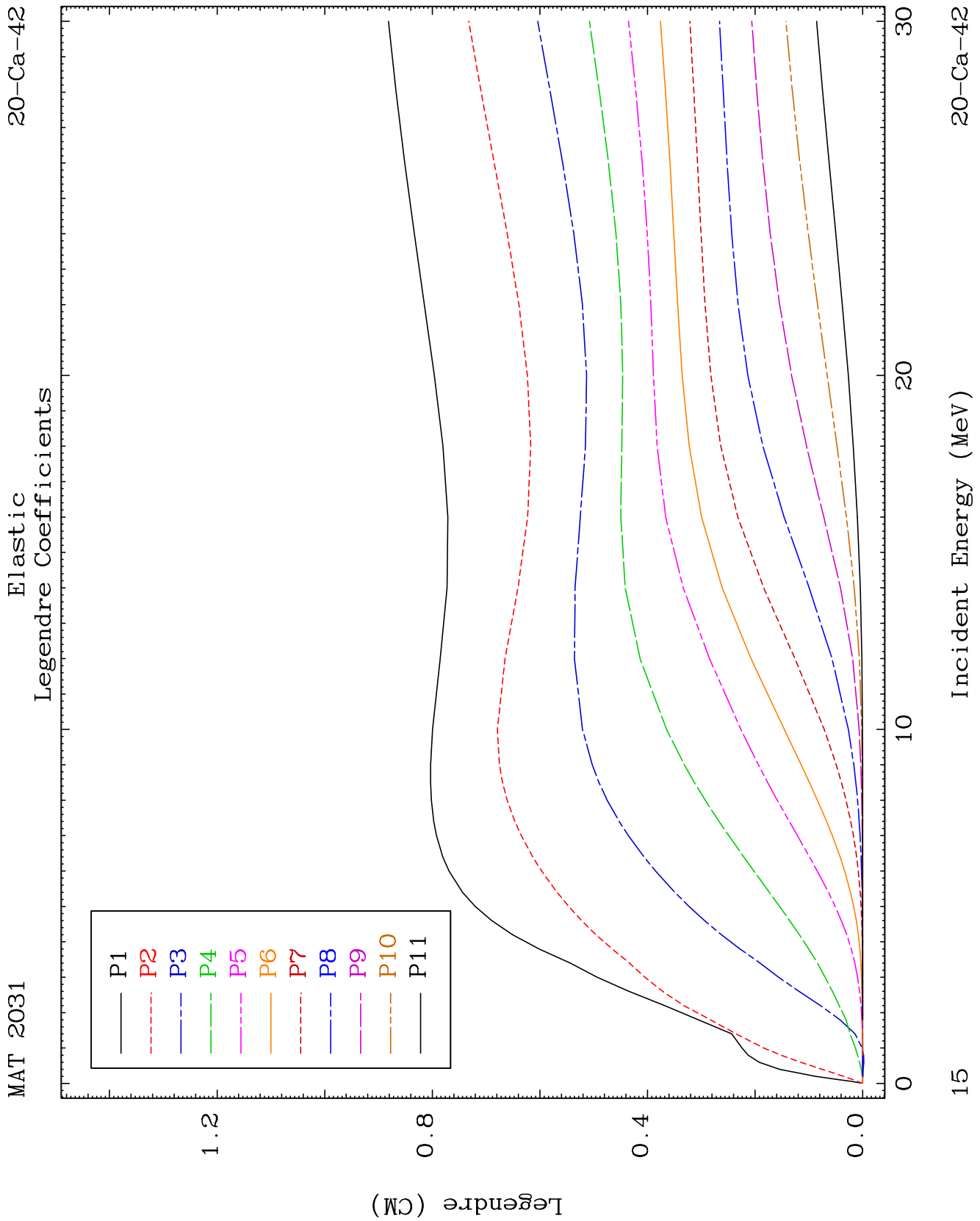


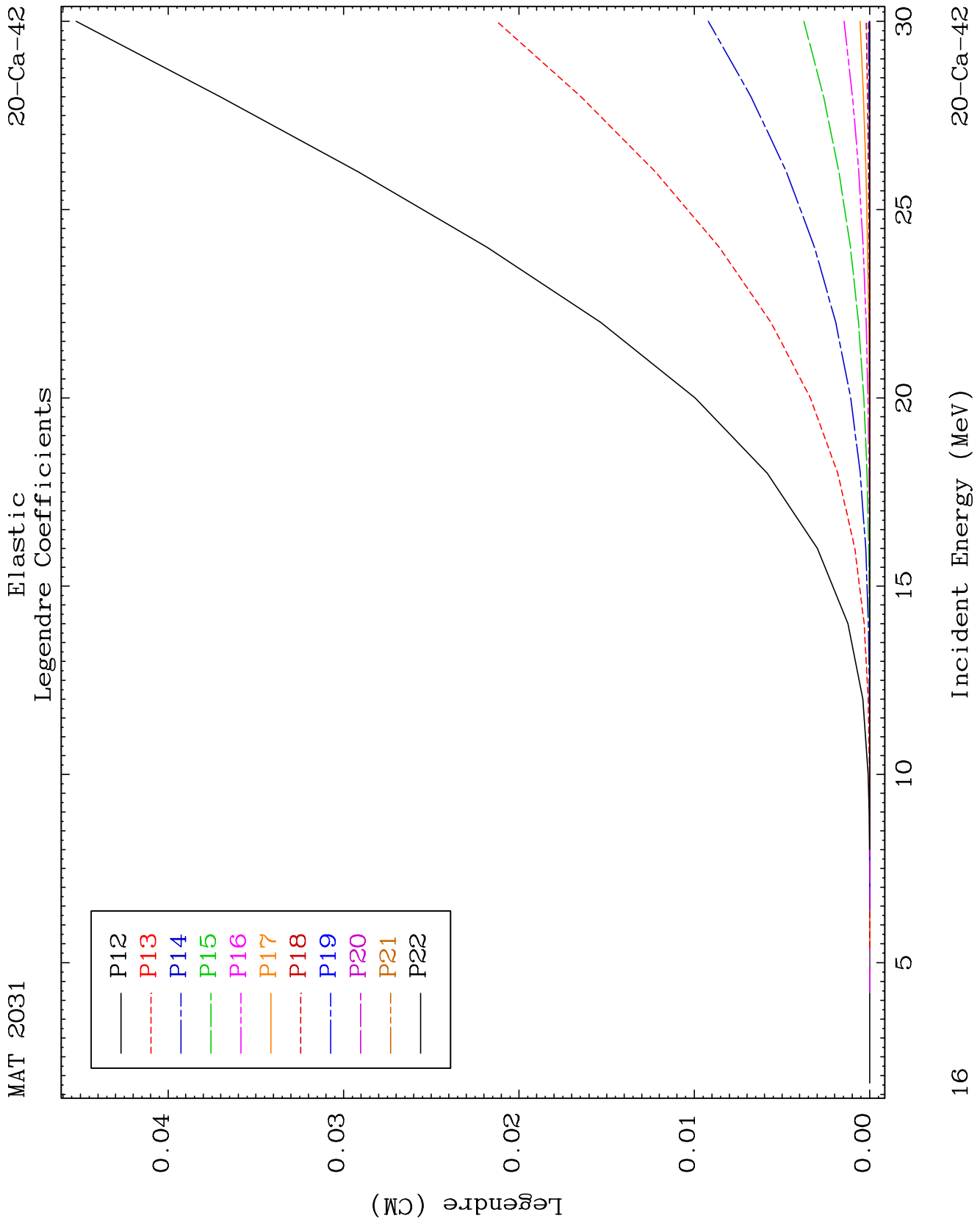
13

Incident Energy (MeV)

20-Ca-42







MAT 2031

20-Ca-42

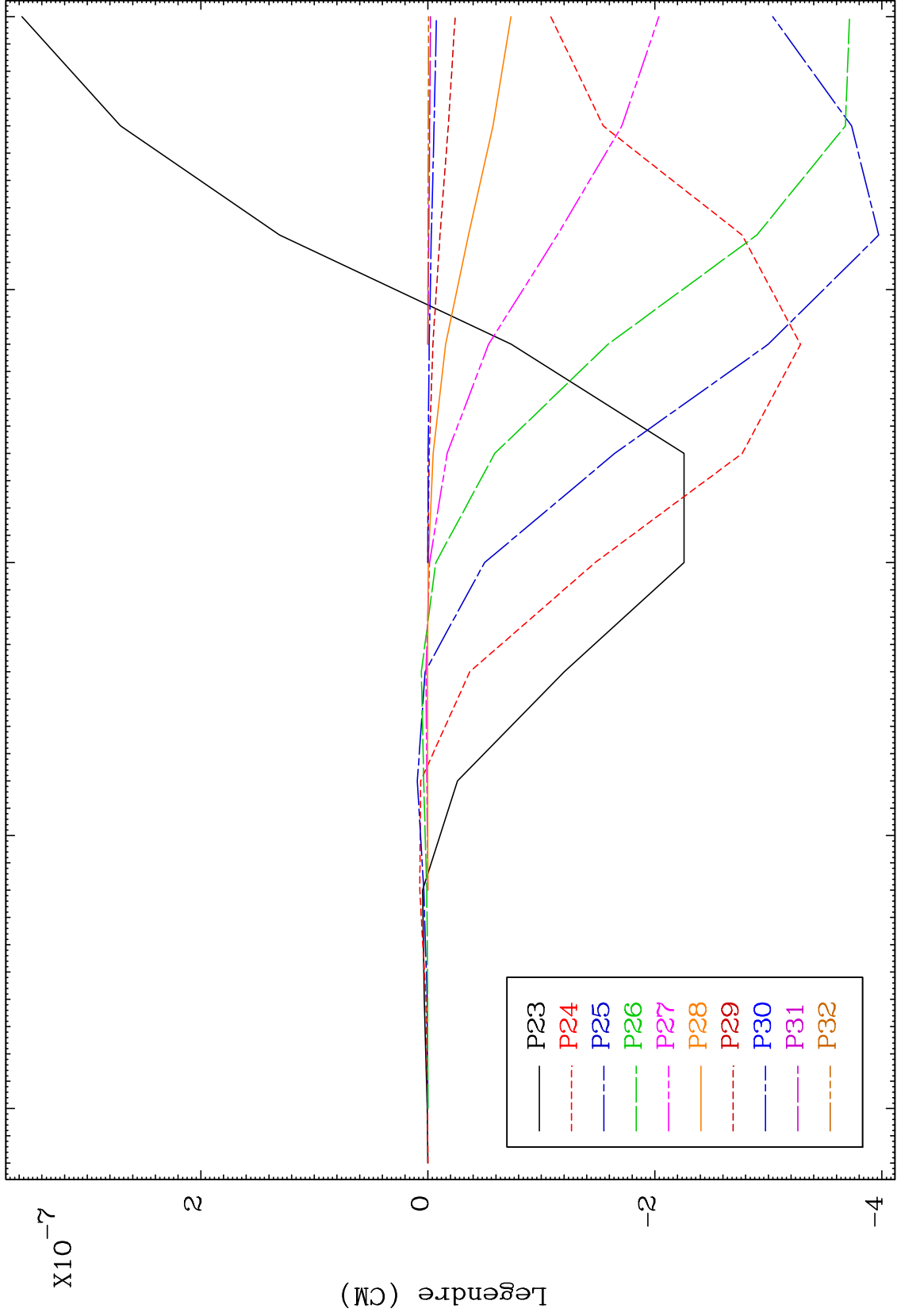
16

20-Ca-42

MAT 2031

Elastic Legendre Coefficients

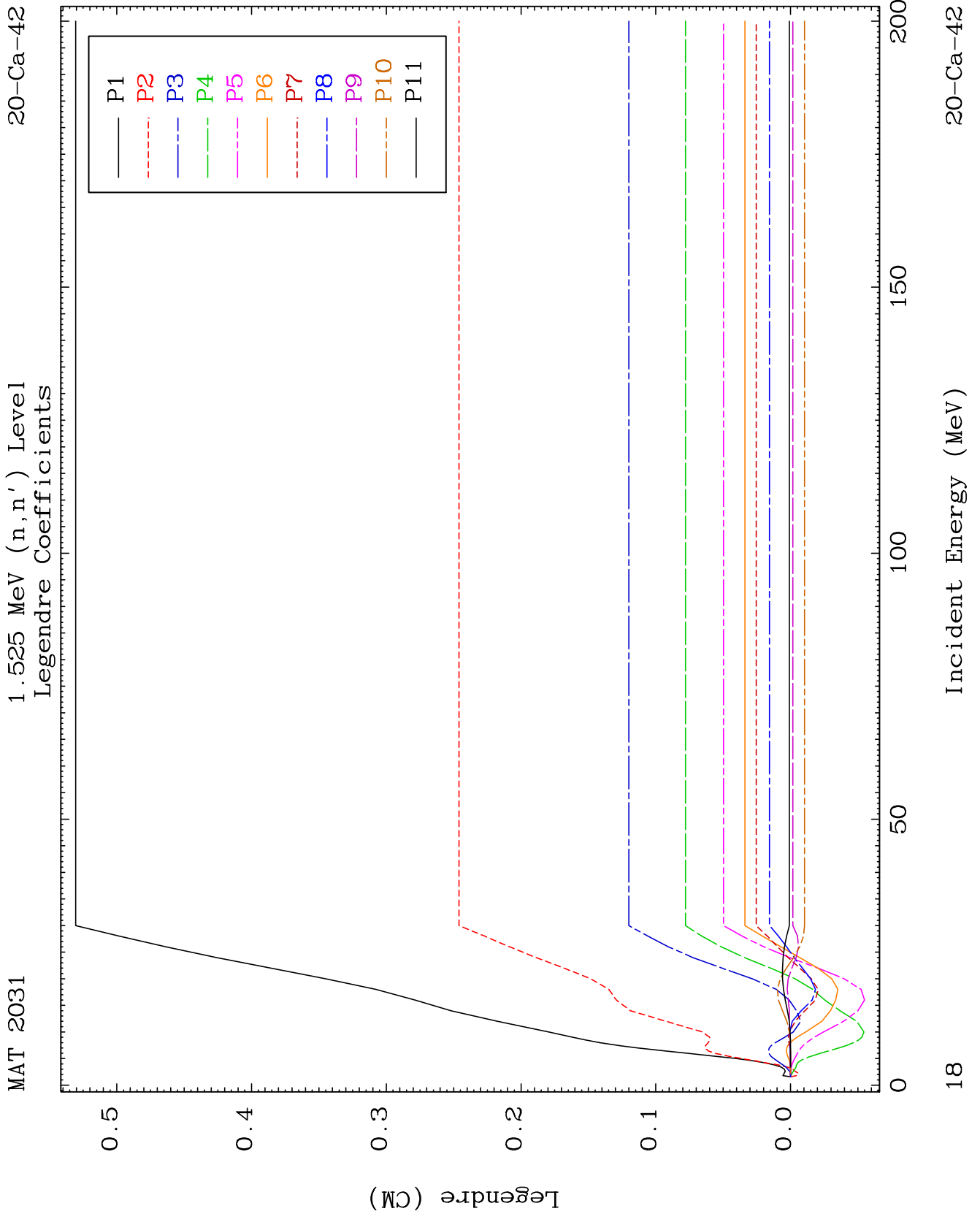
20-Ca-42

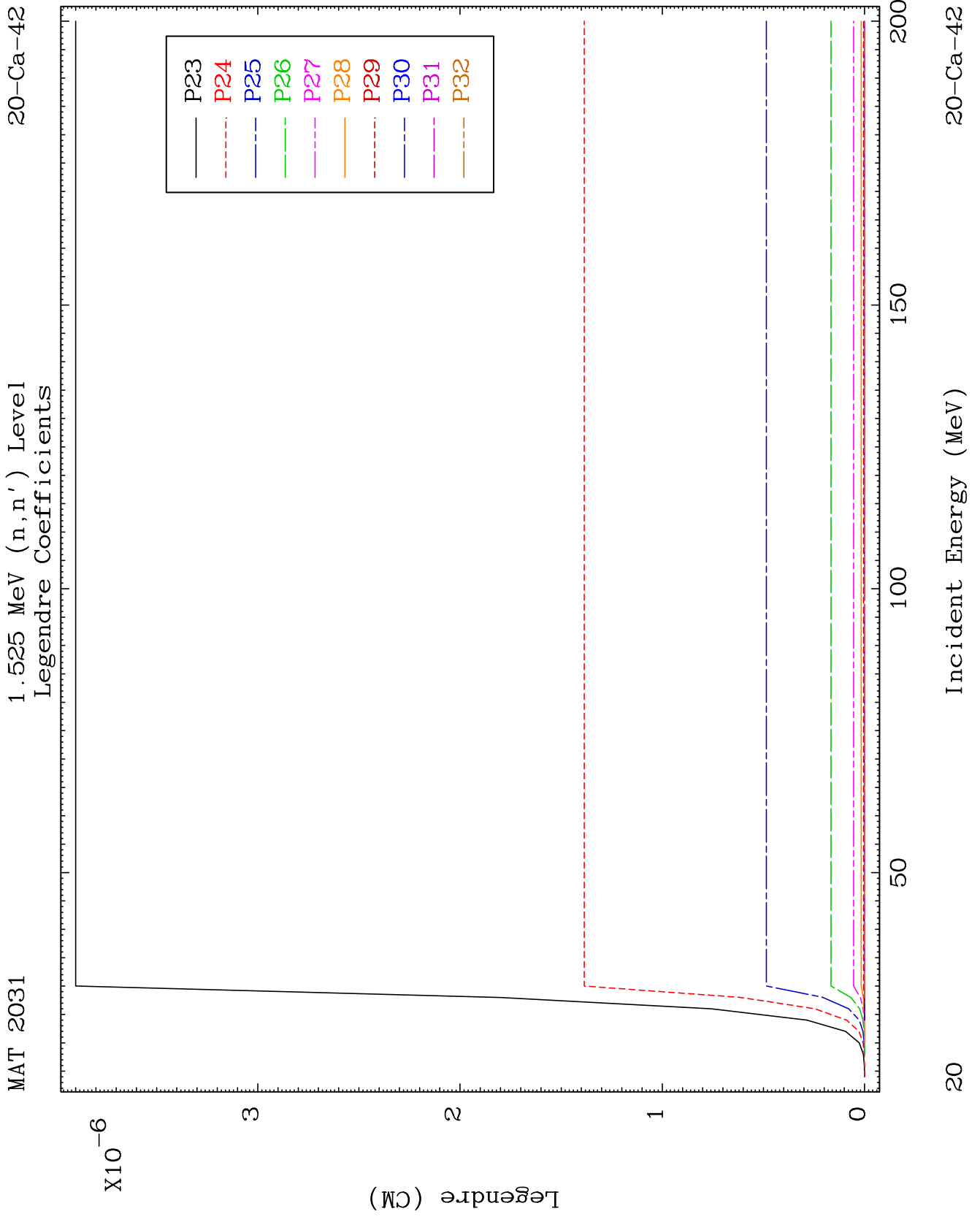


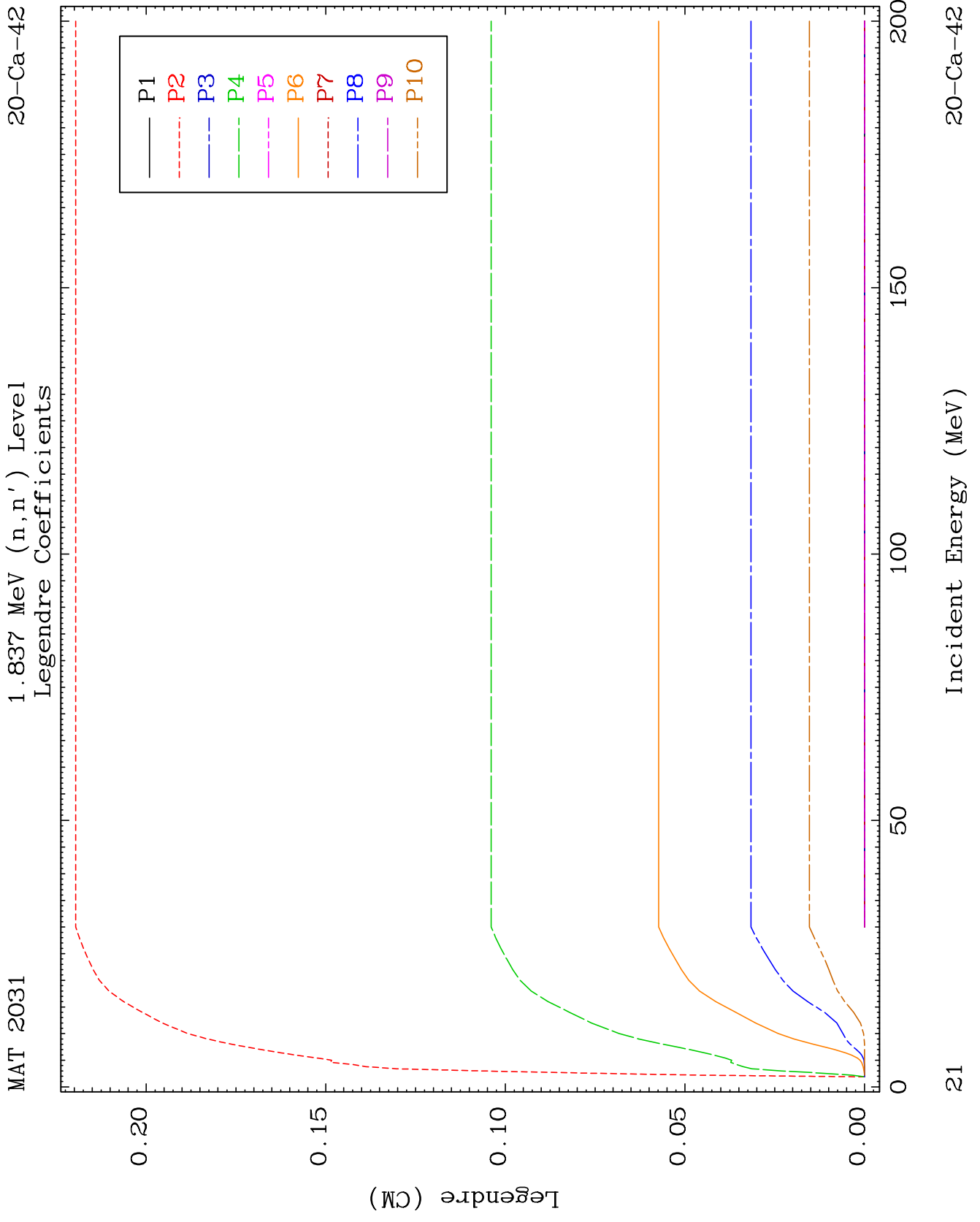
17

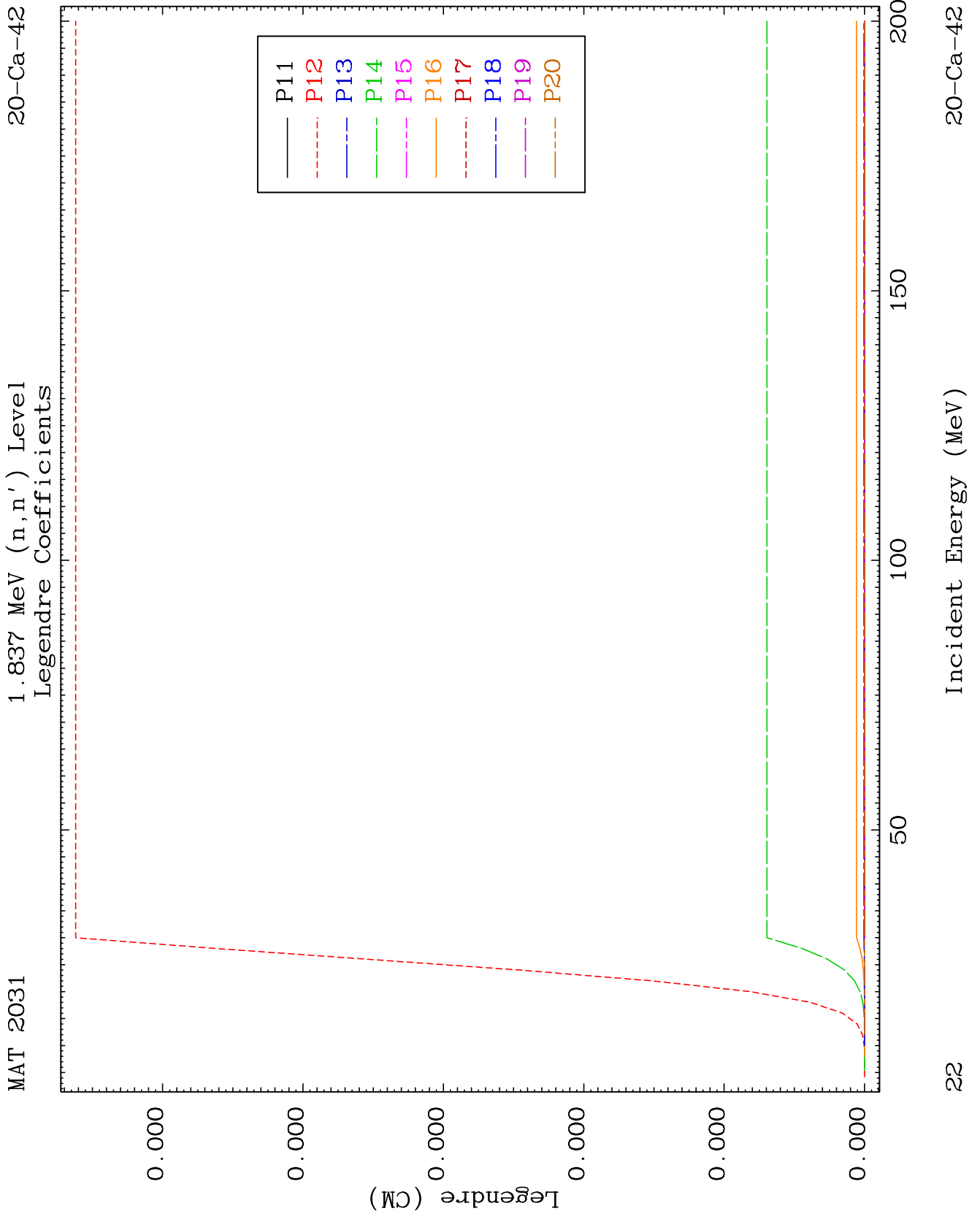
Incident Energy (MeV)

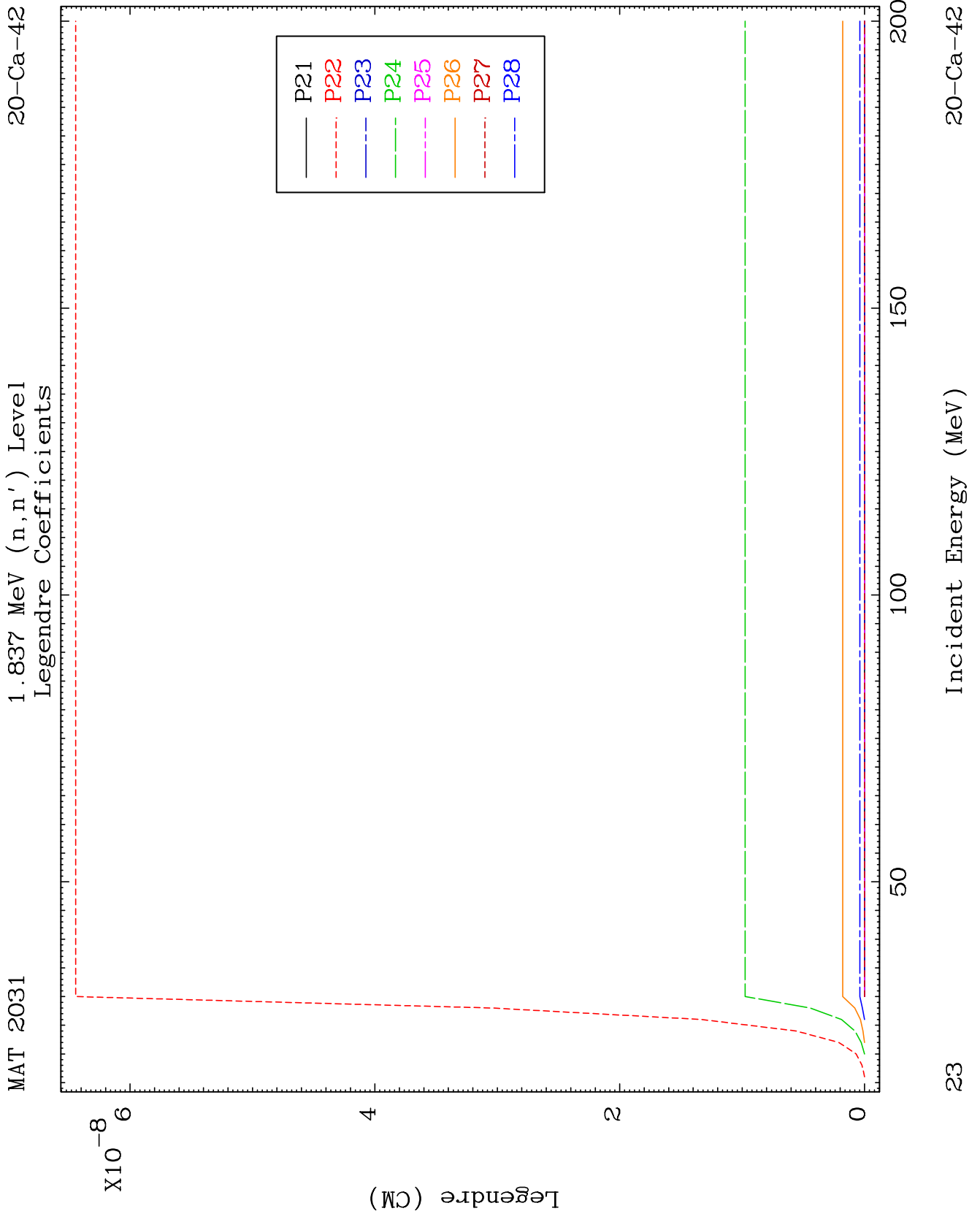
20-Ca-42

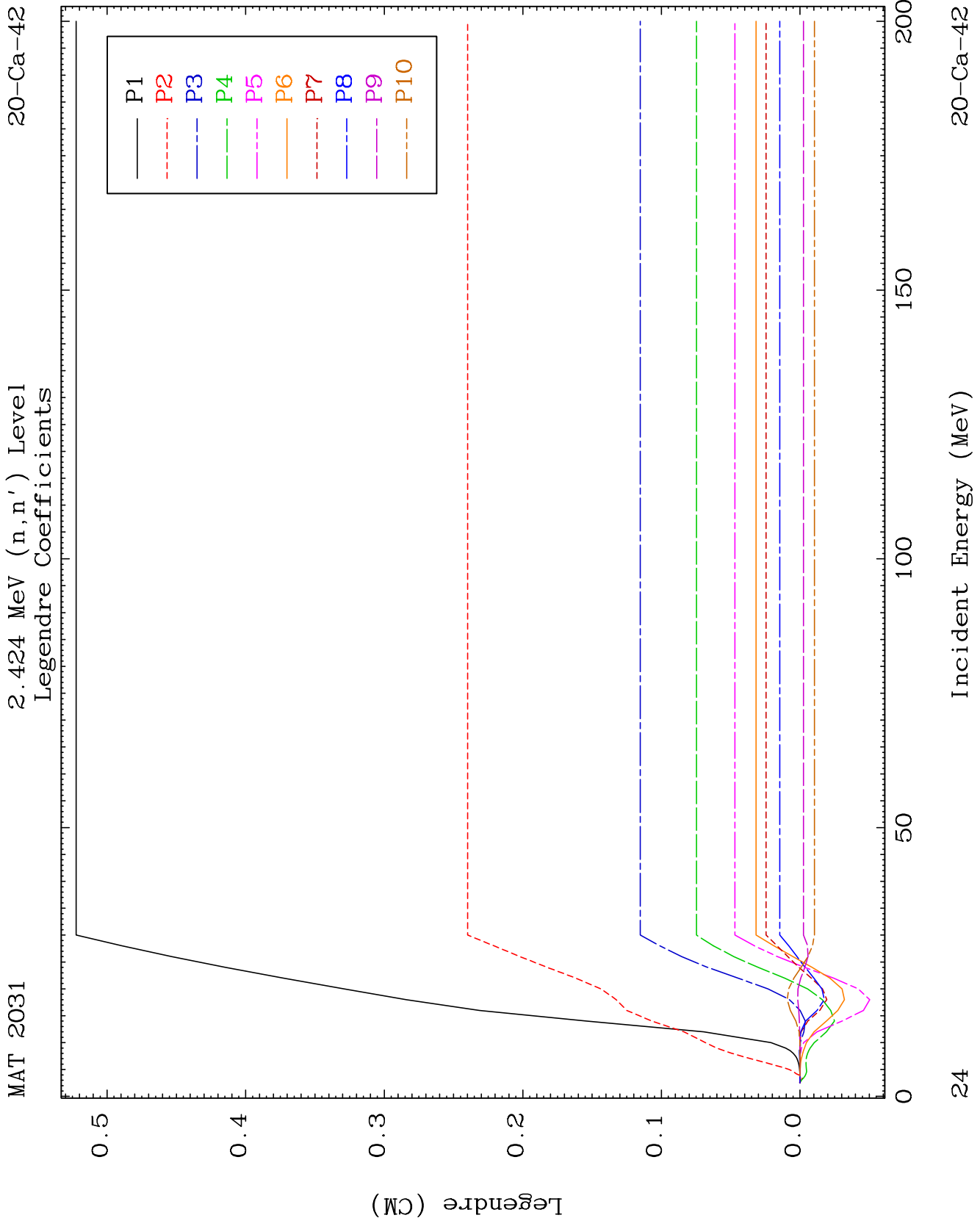








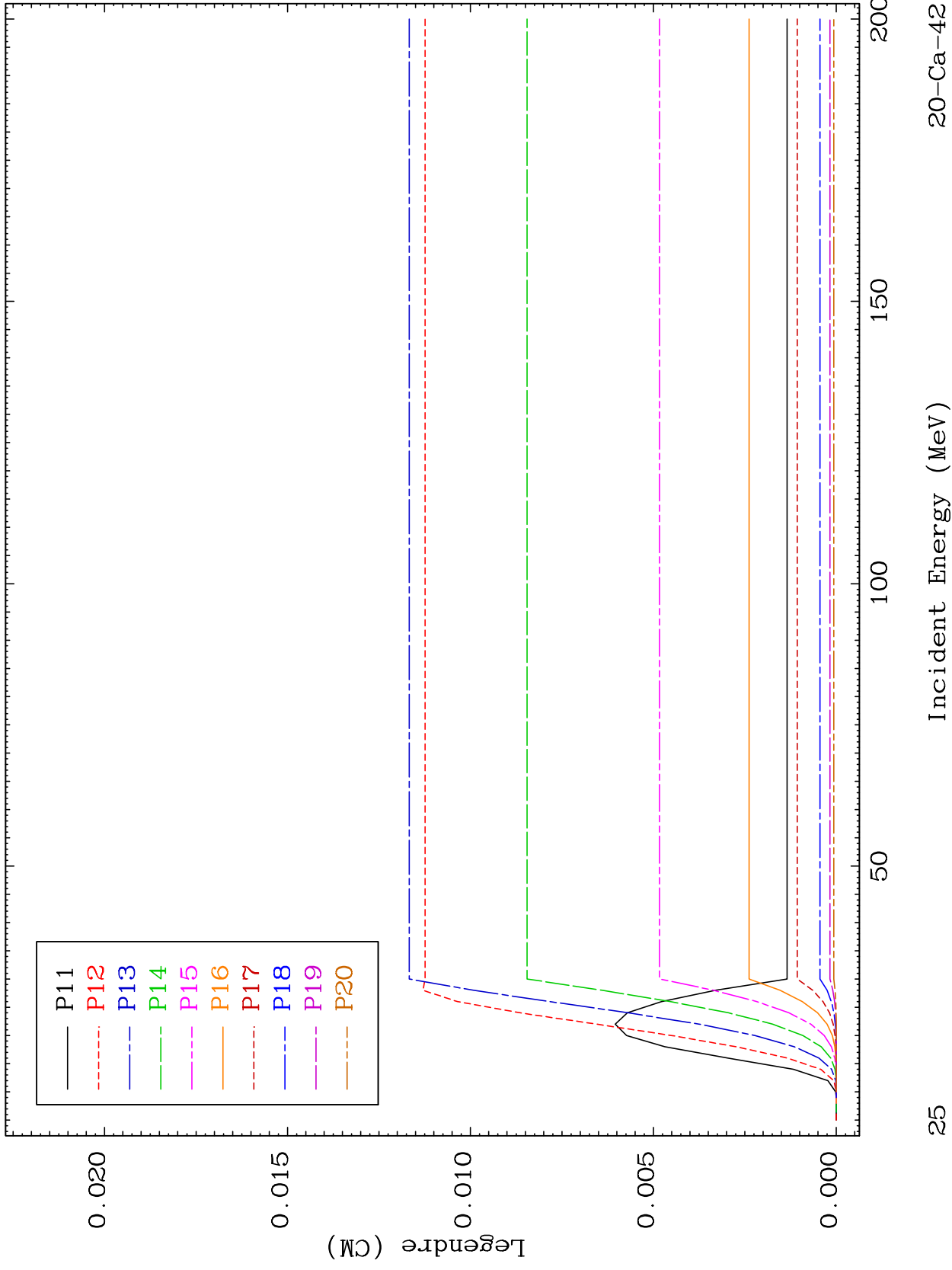




MAT 2031

2.424 MeV (n,n') Level
Legendre Coefficients

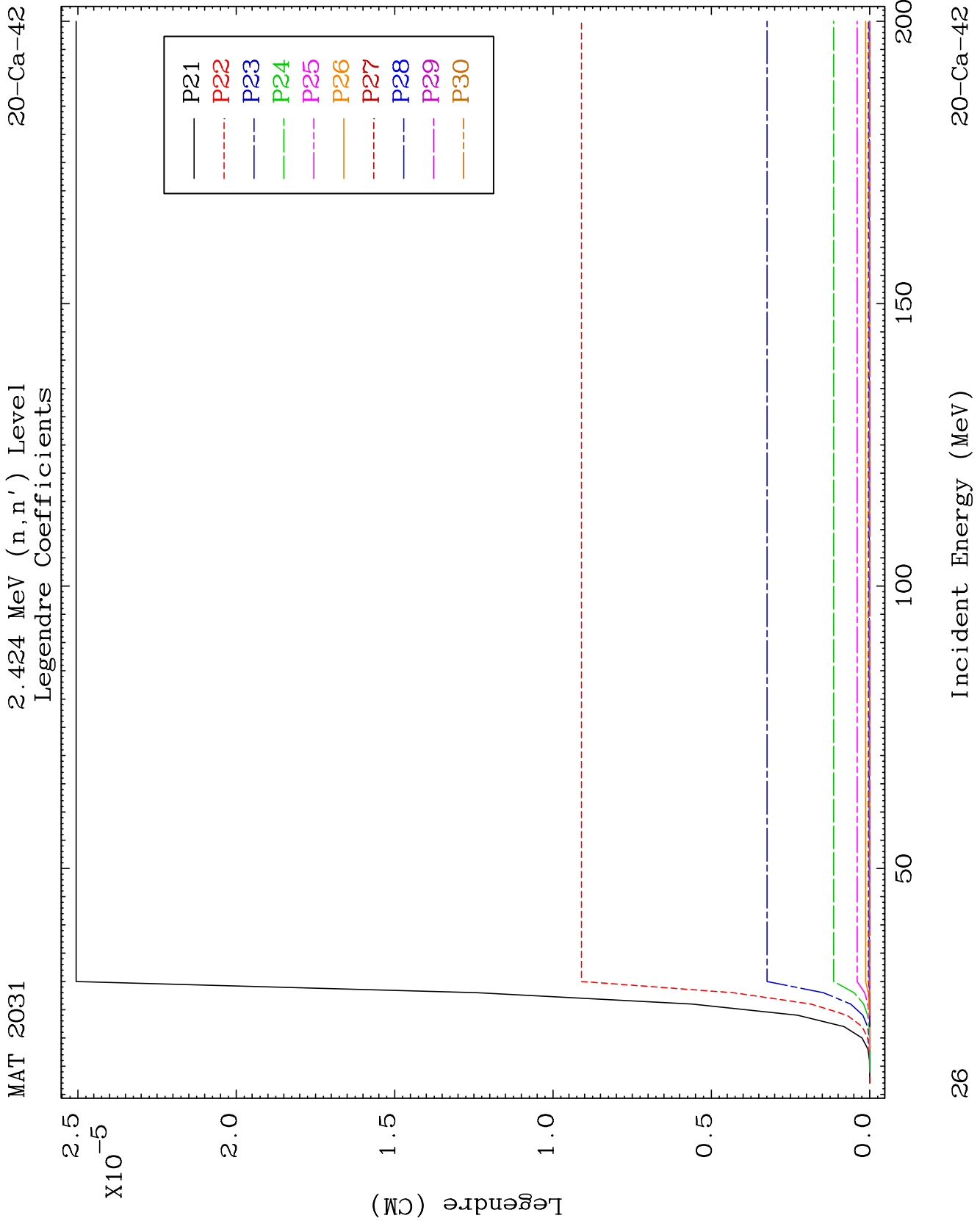
20-Ca-42

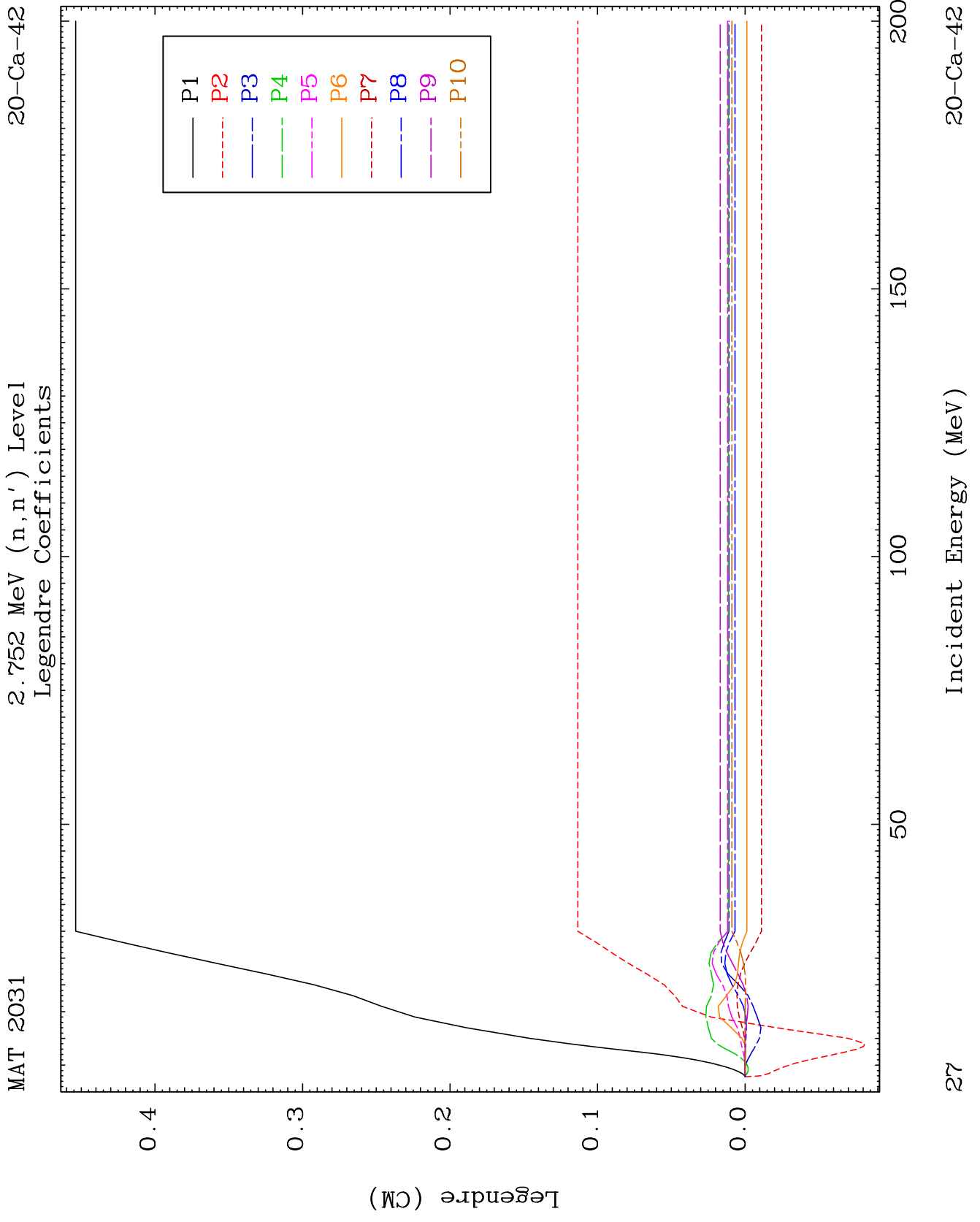


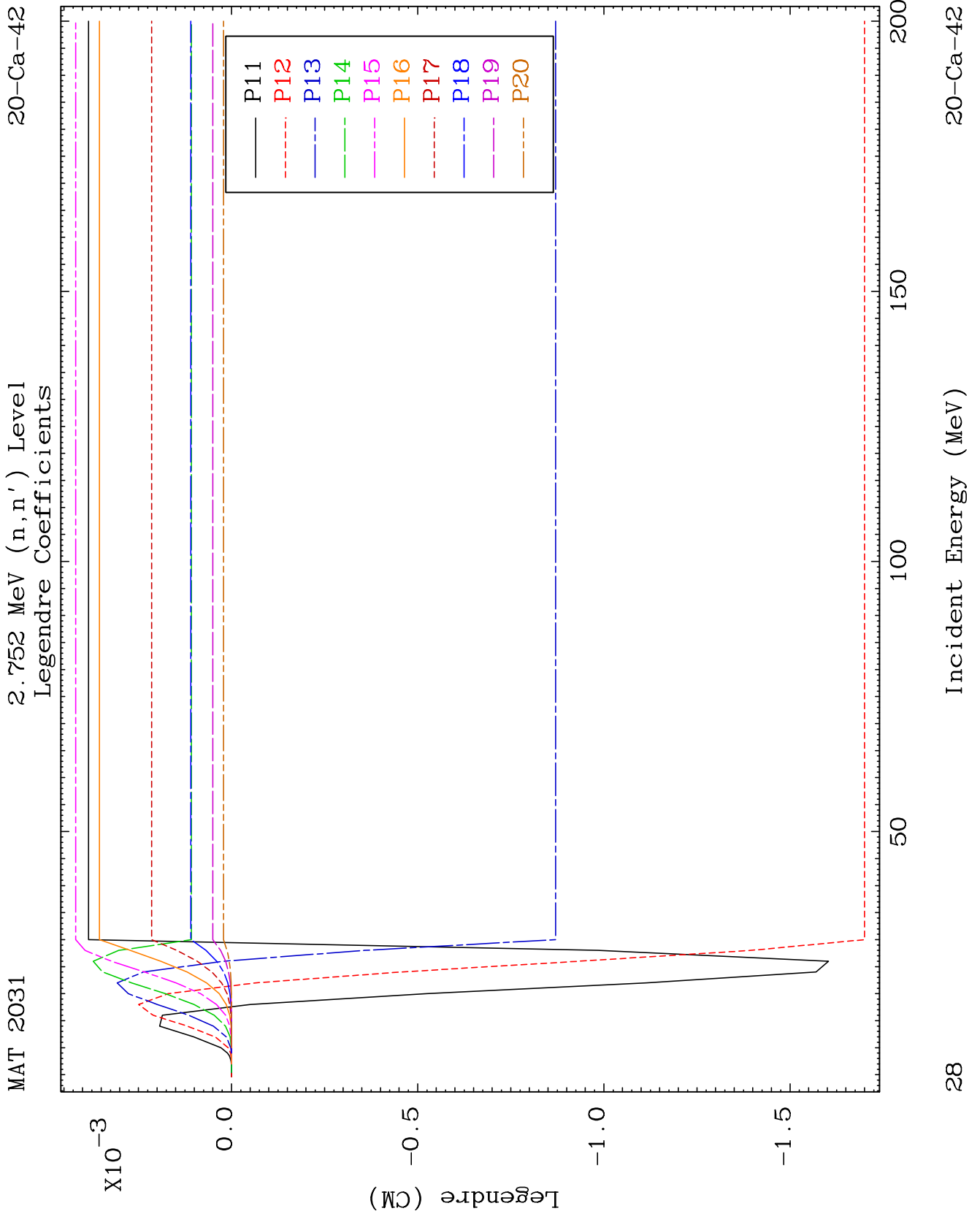
25

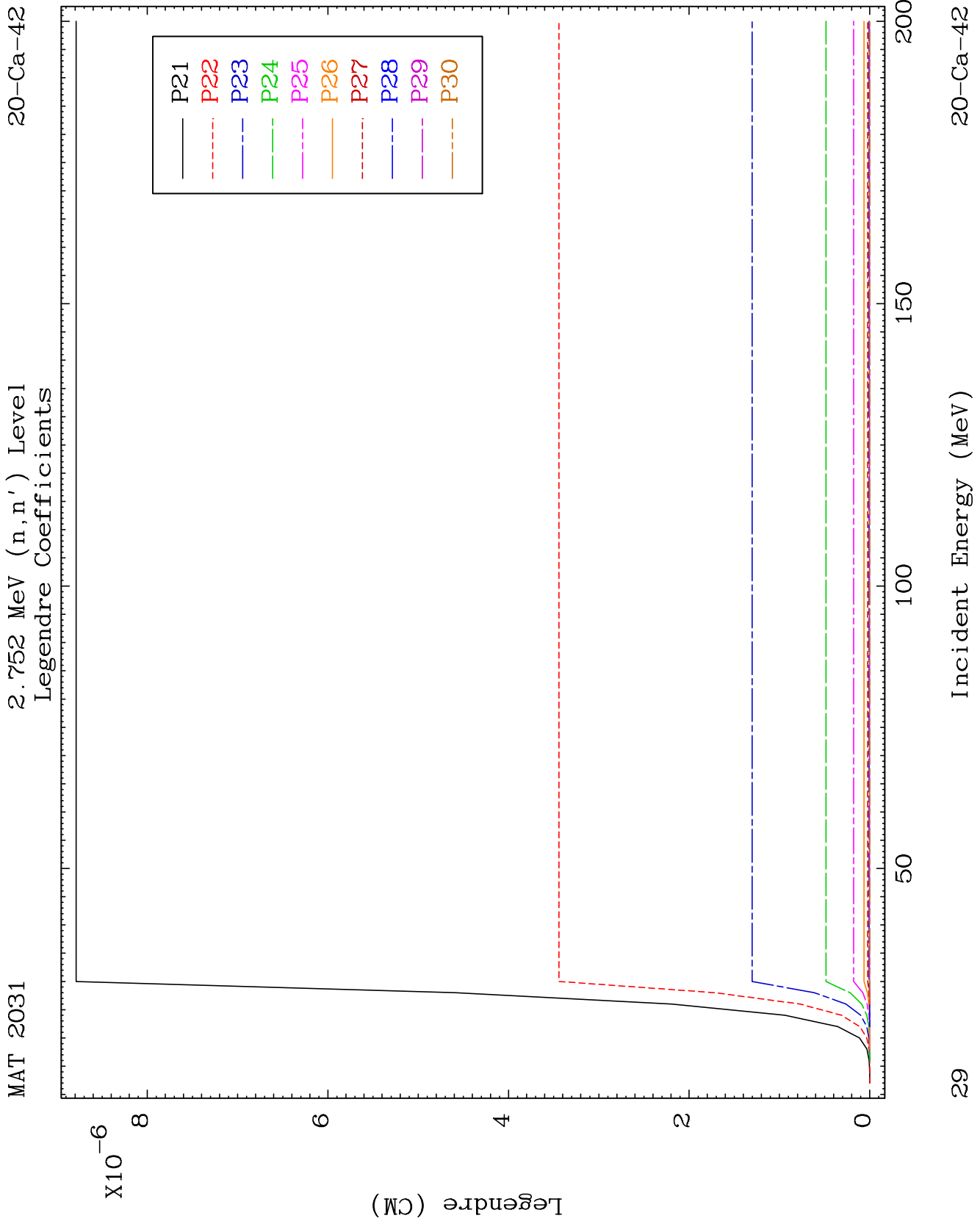
Incident Energy (MeV)

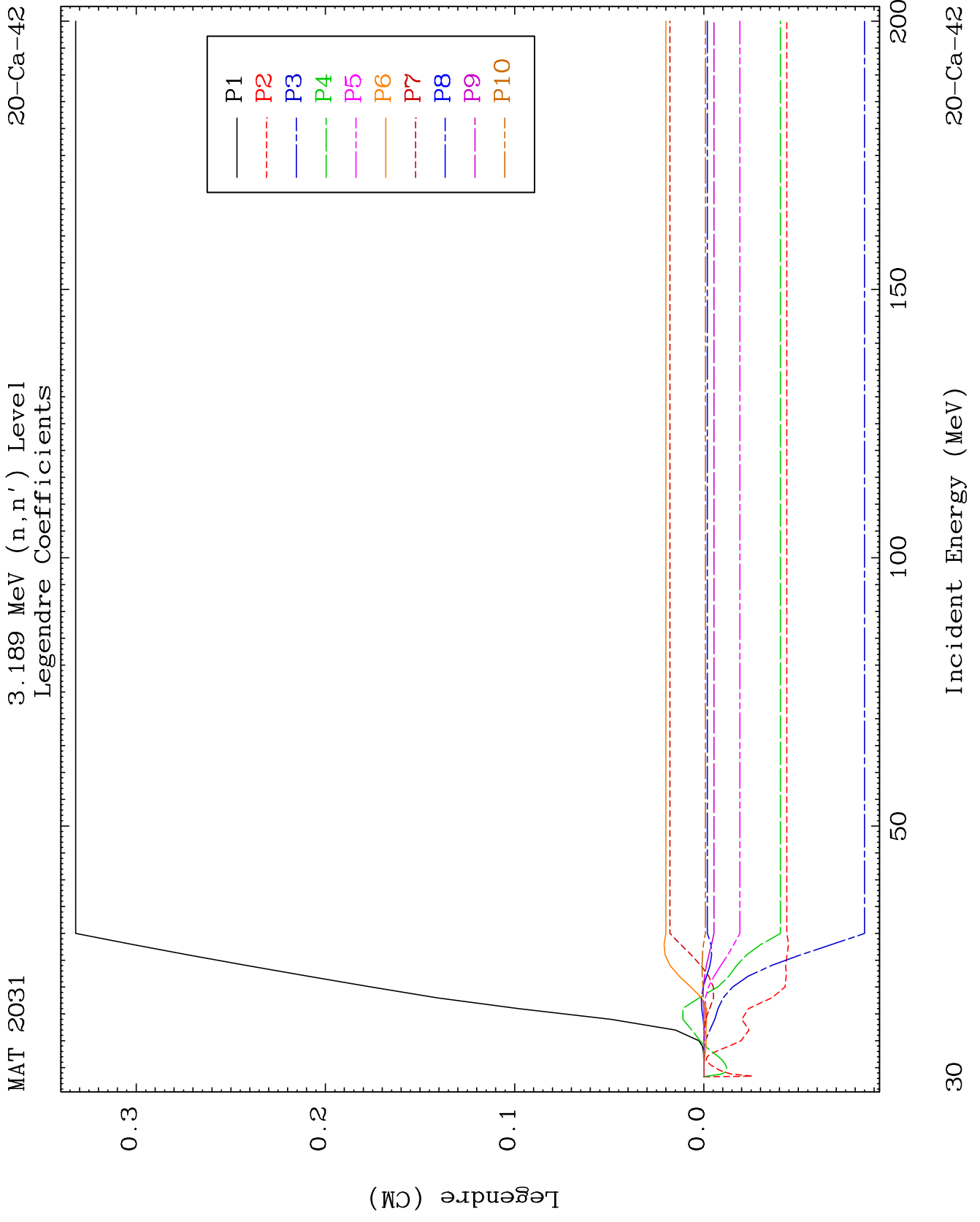
20-Ca-42

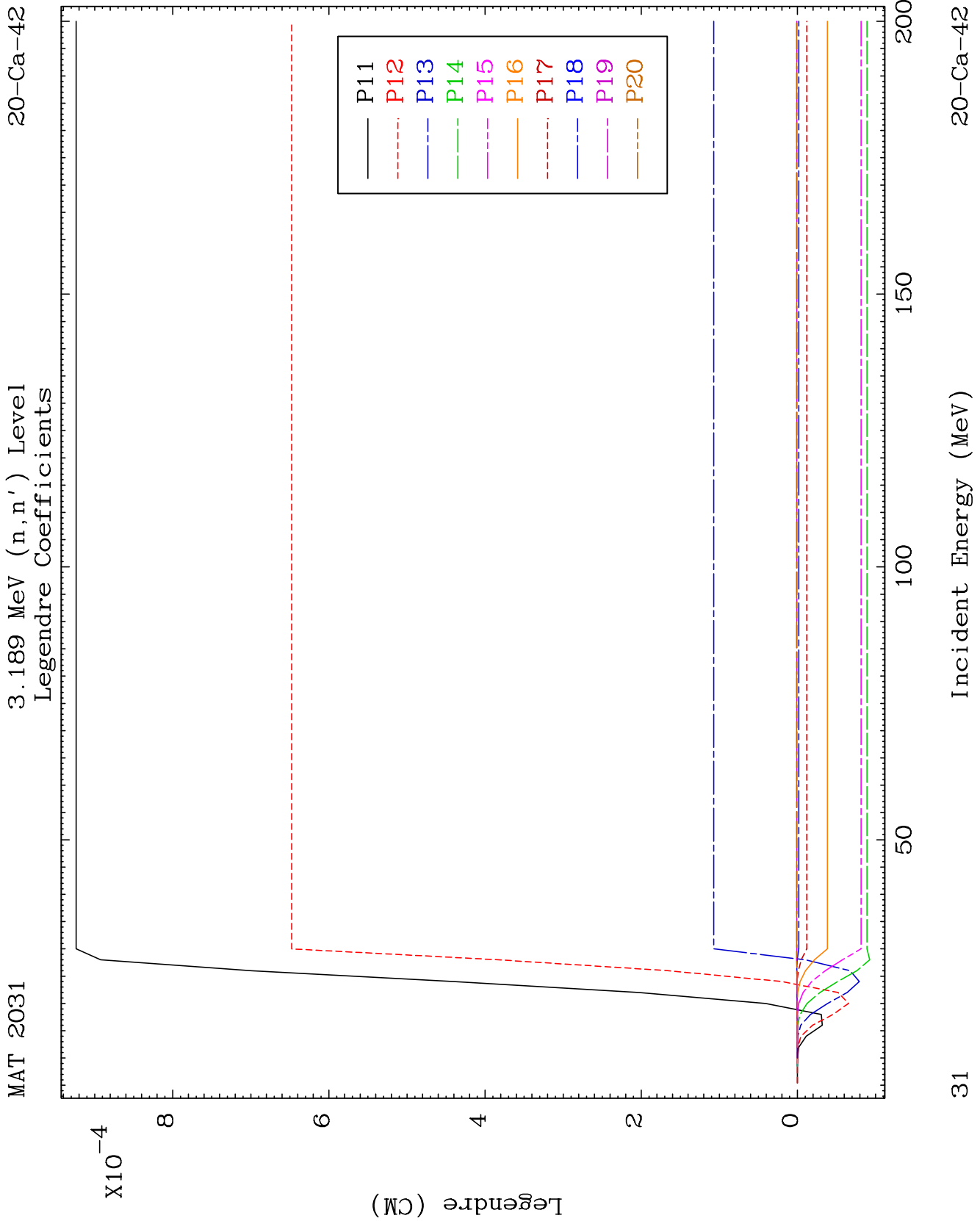


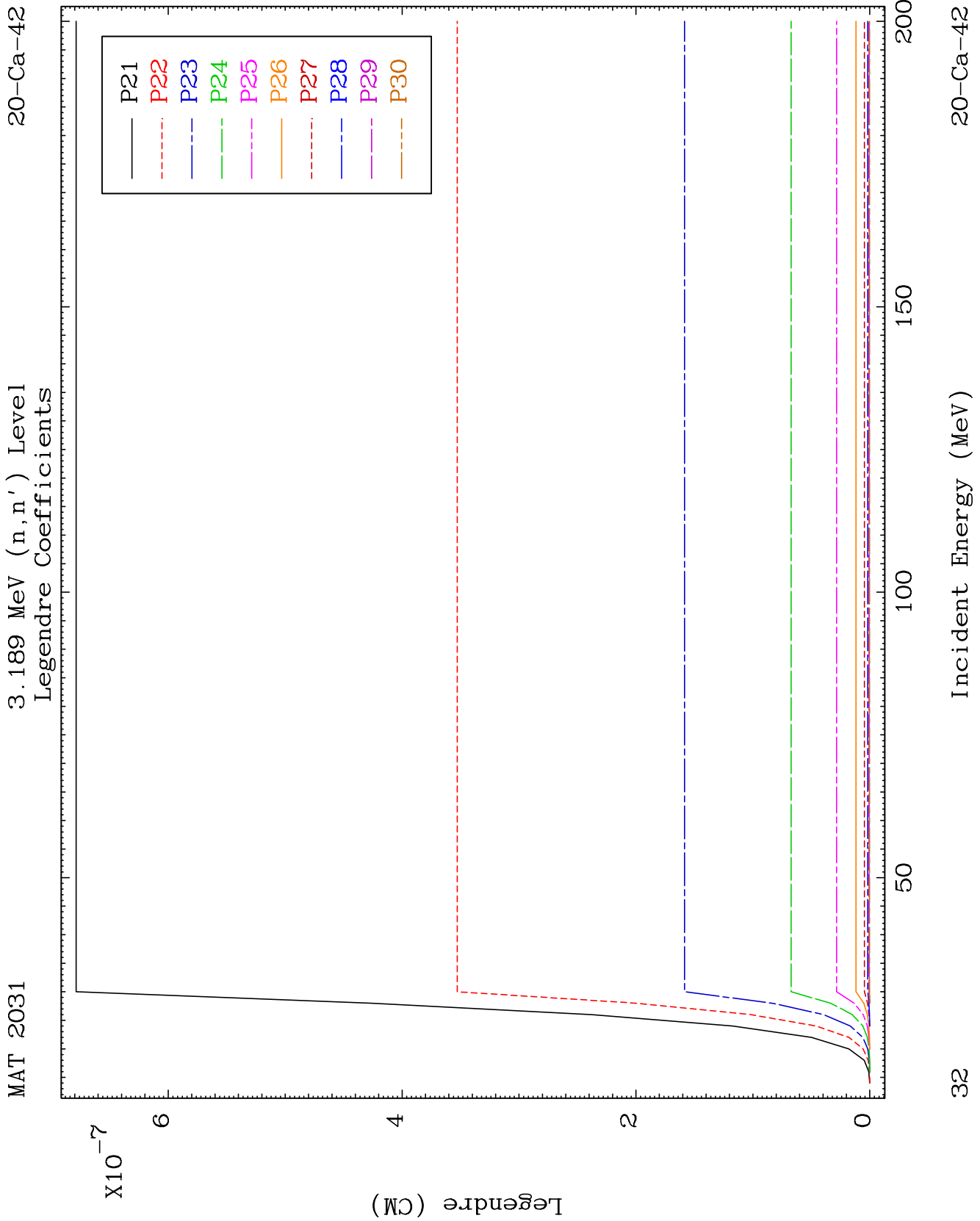


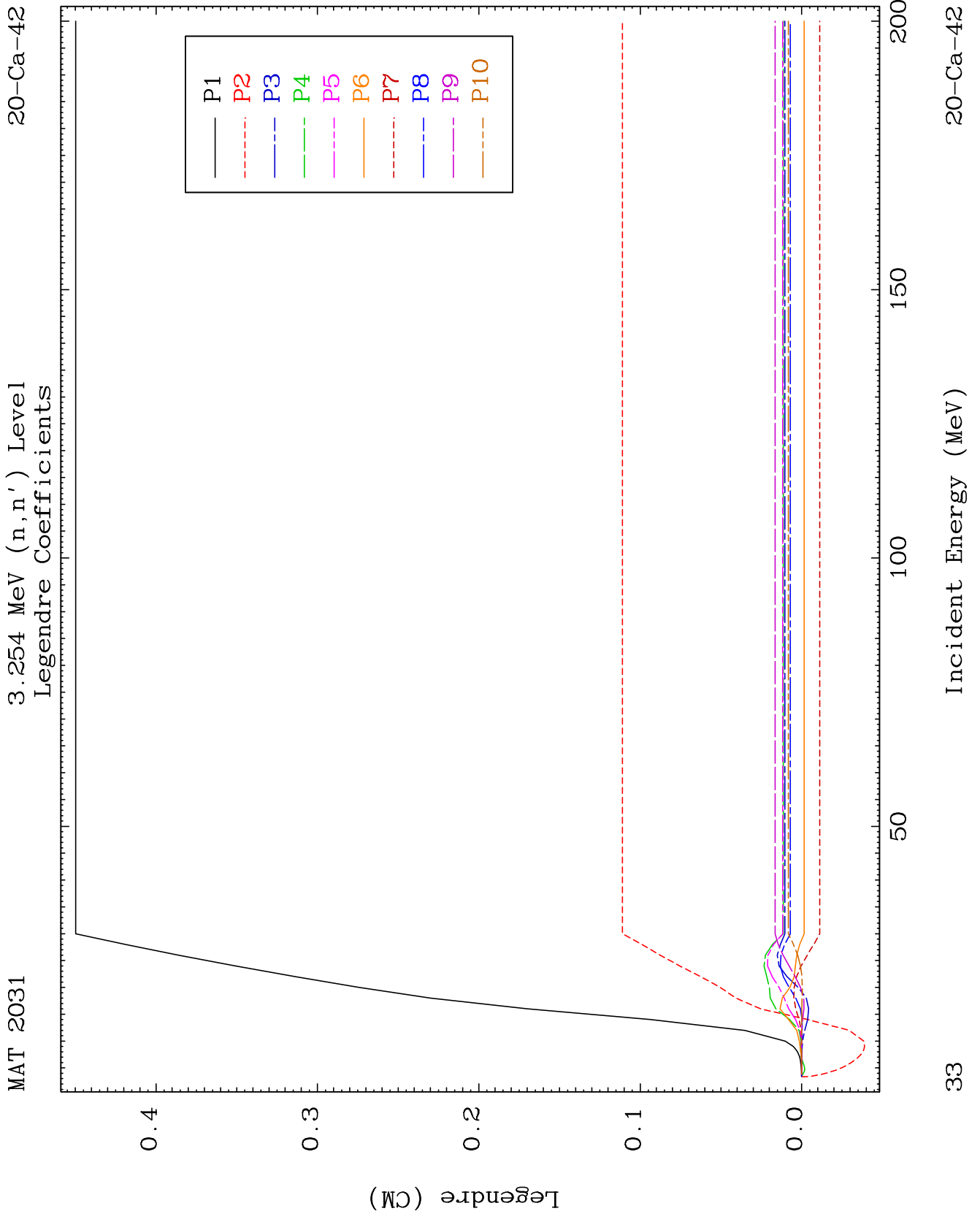


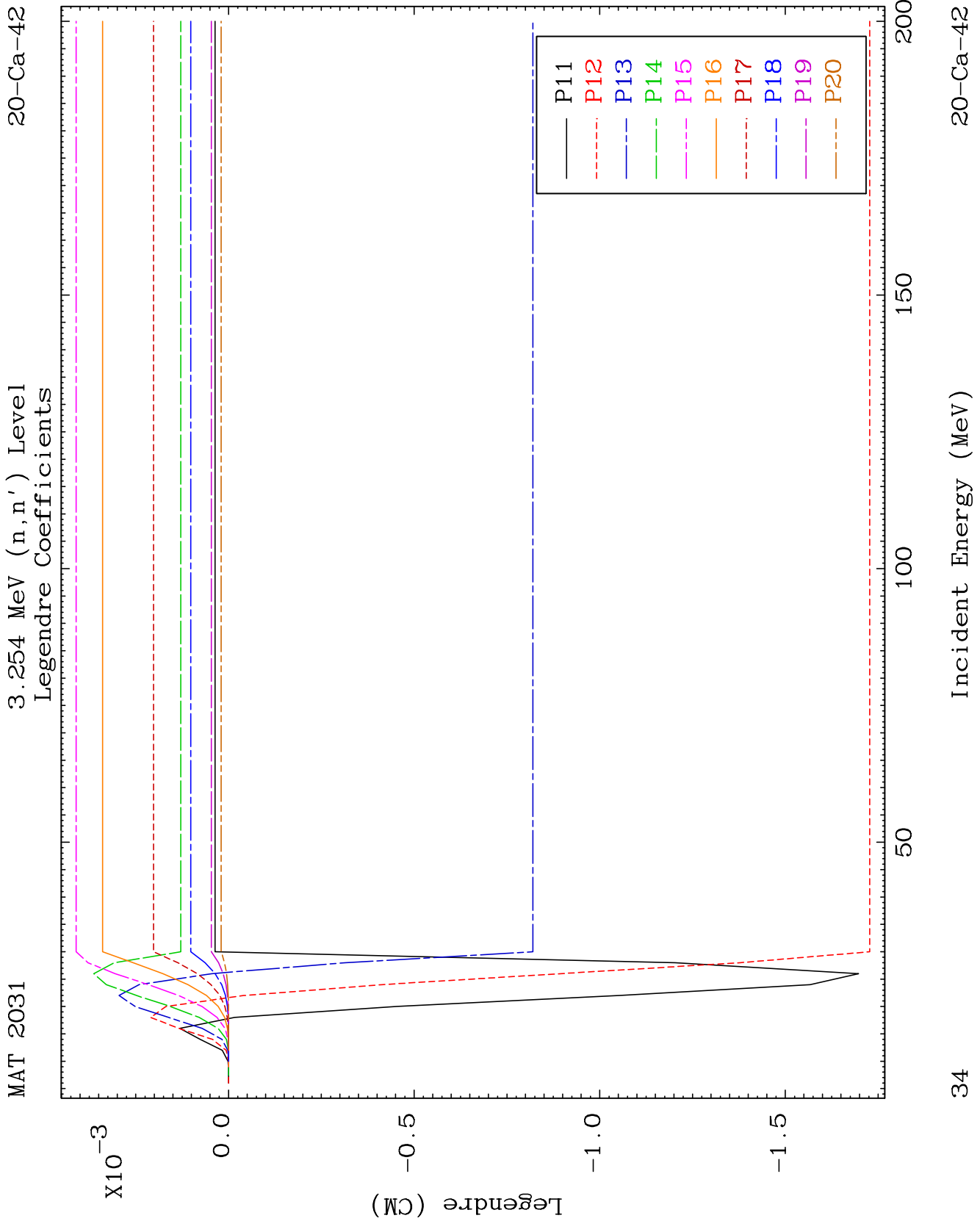


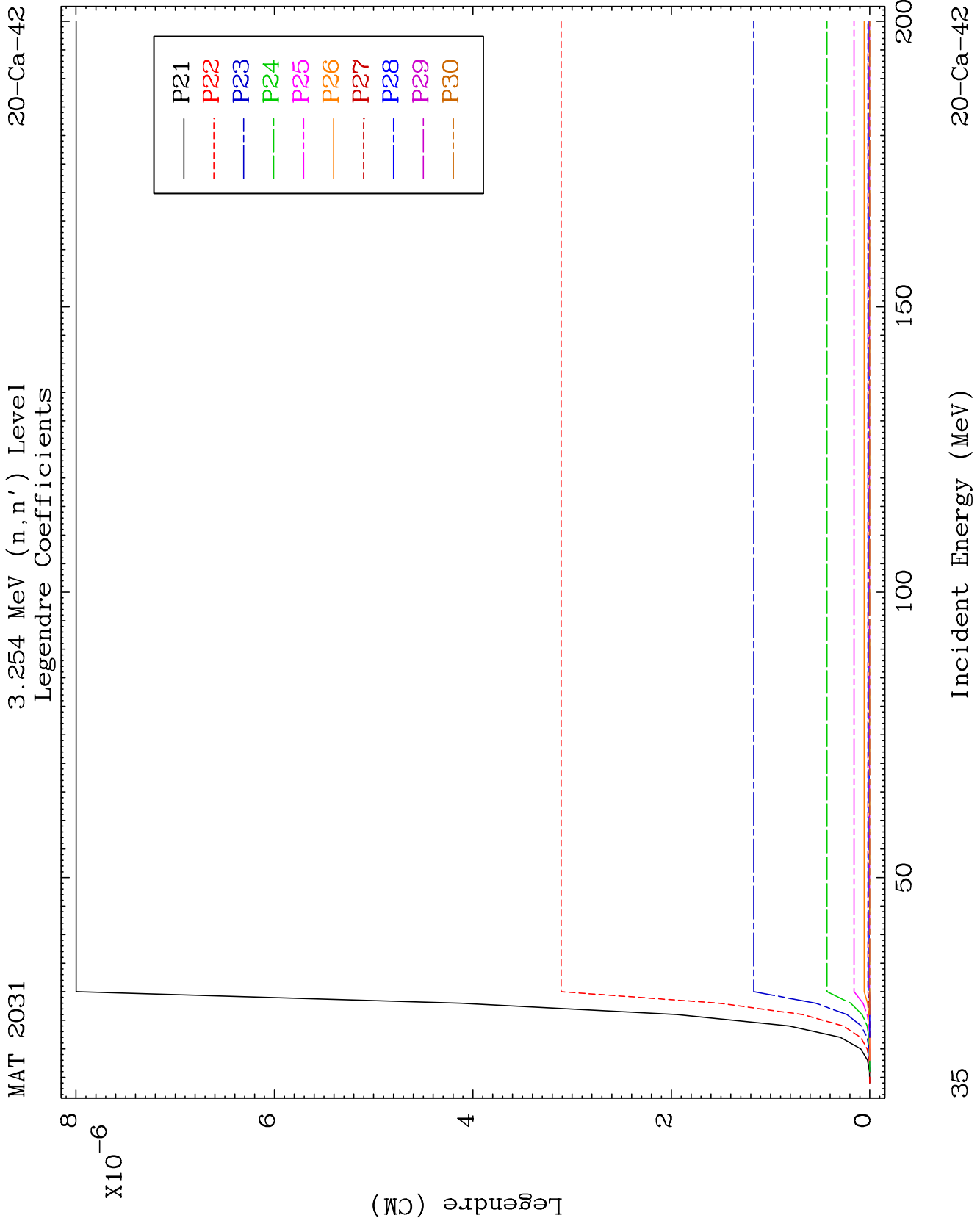


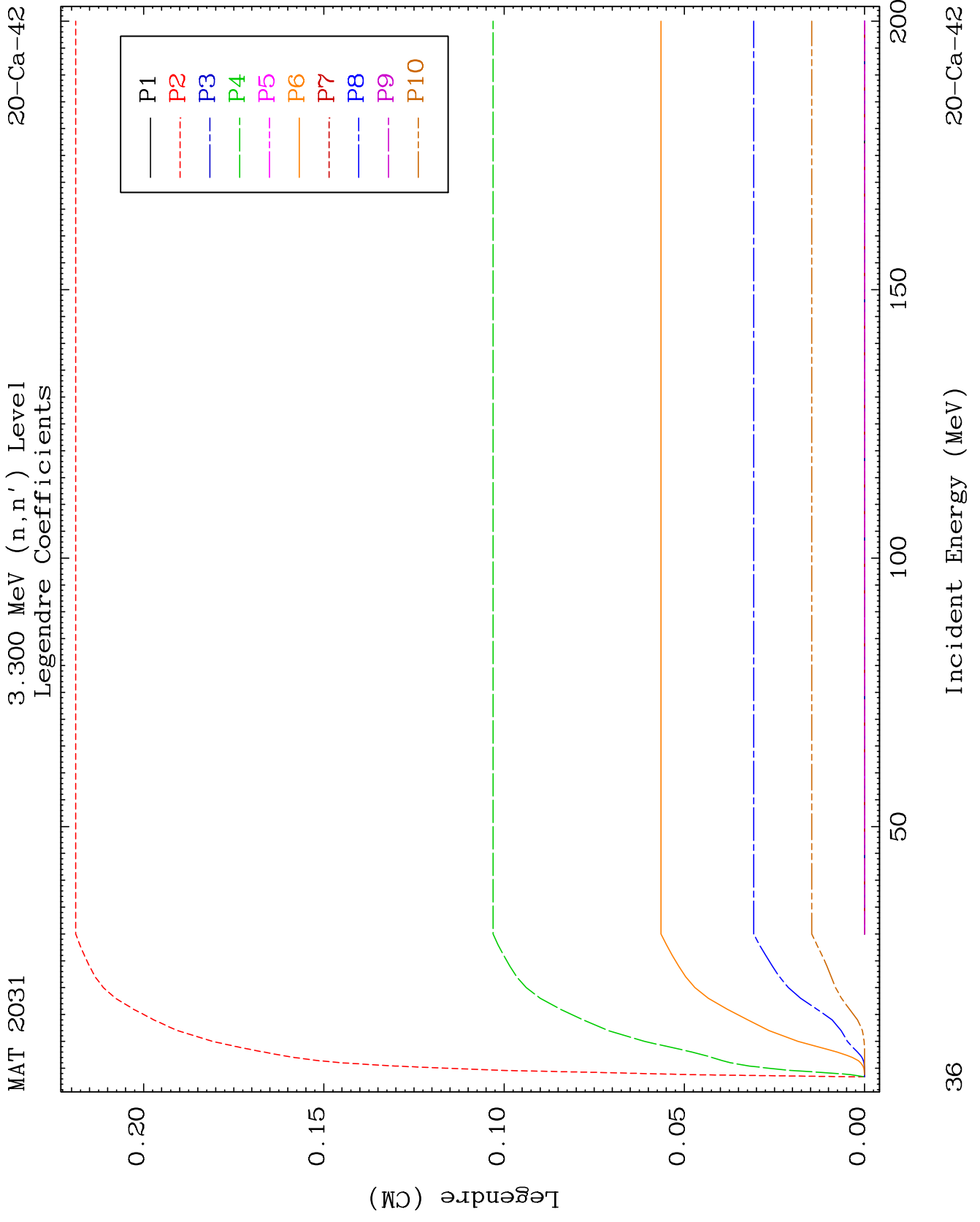


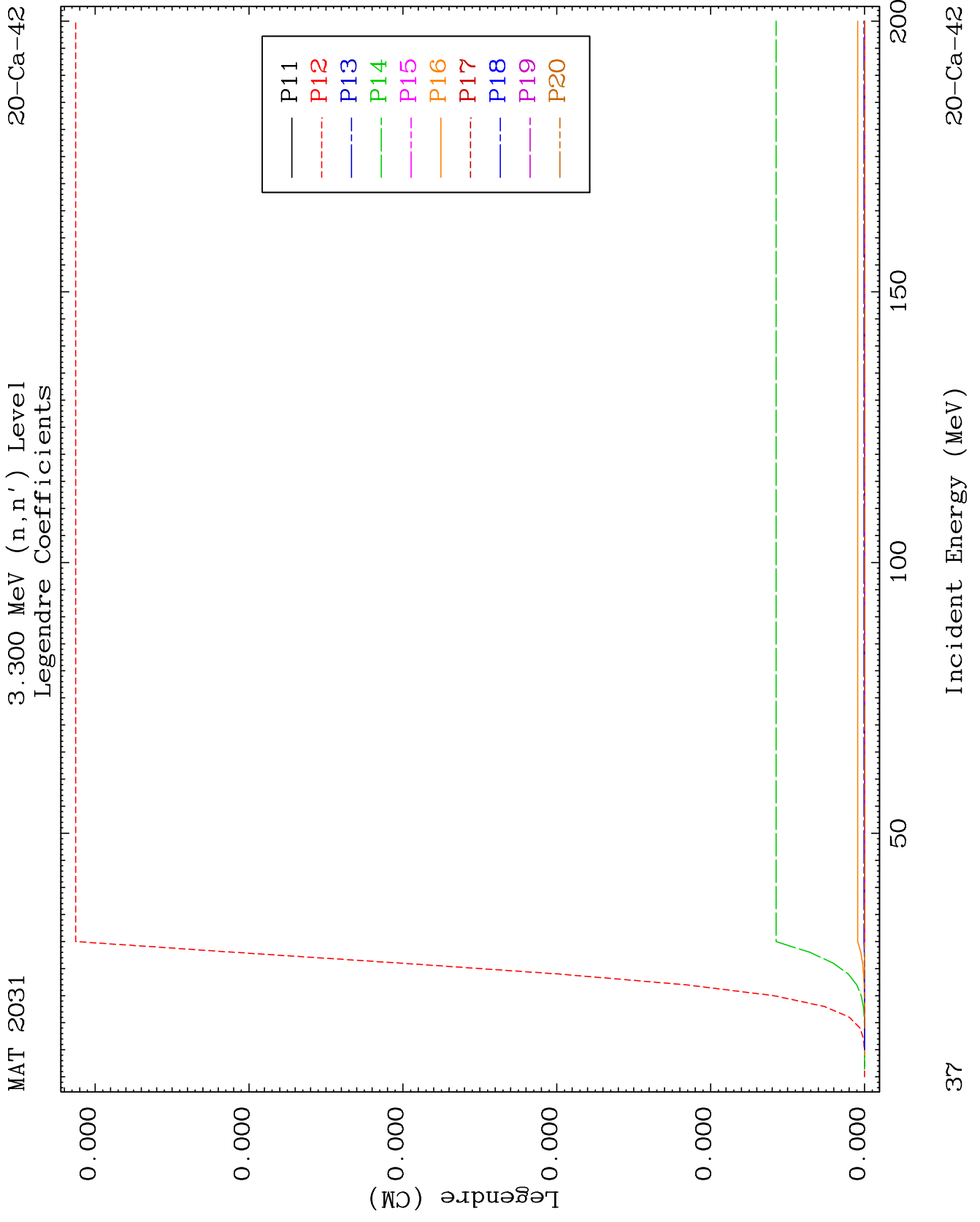


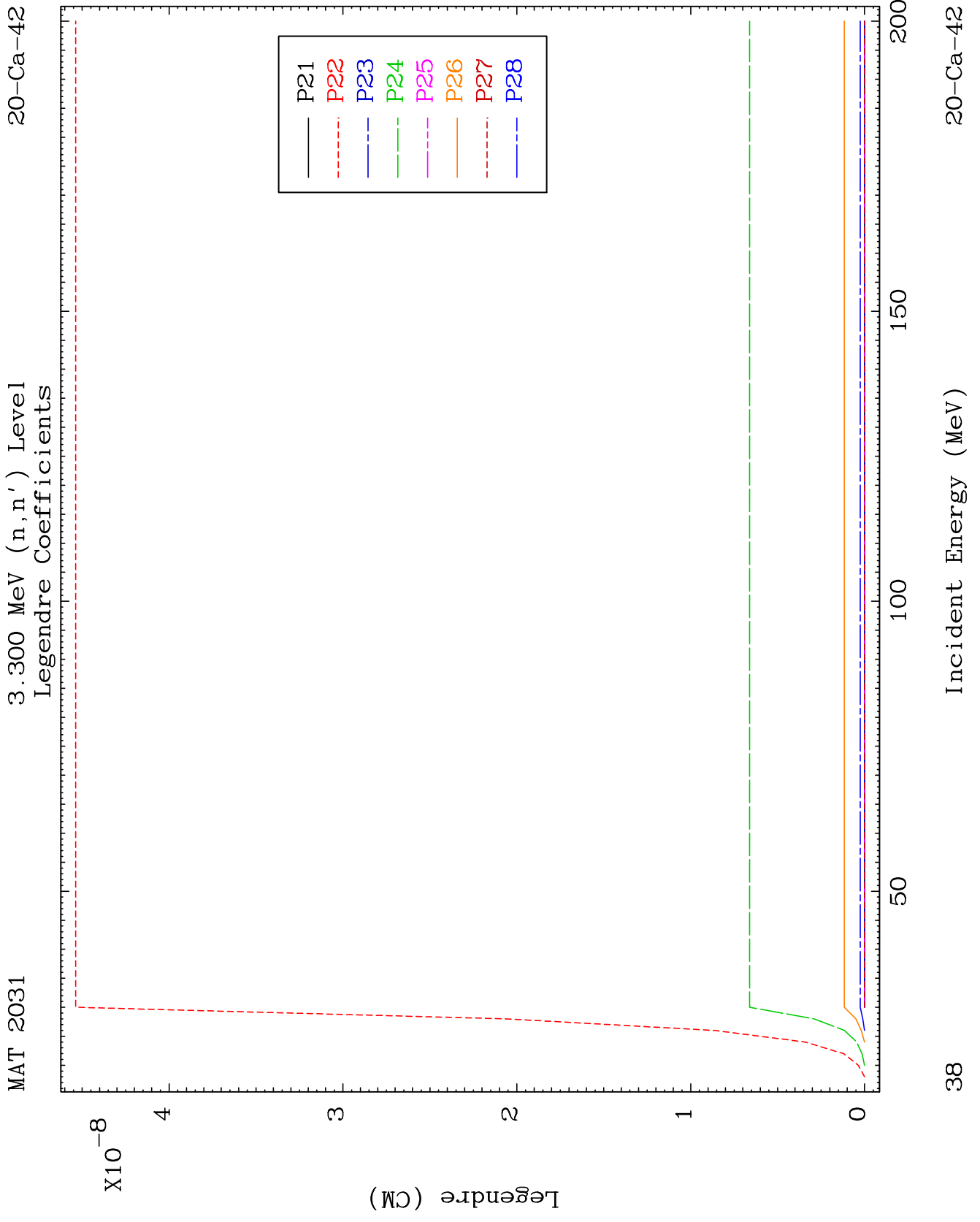


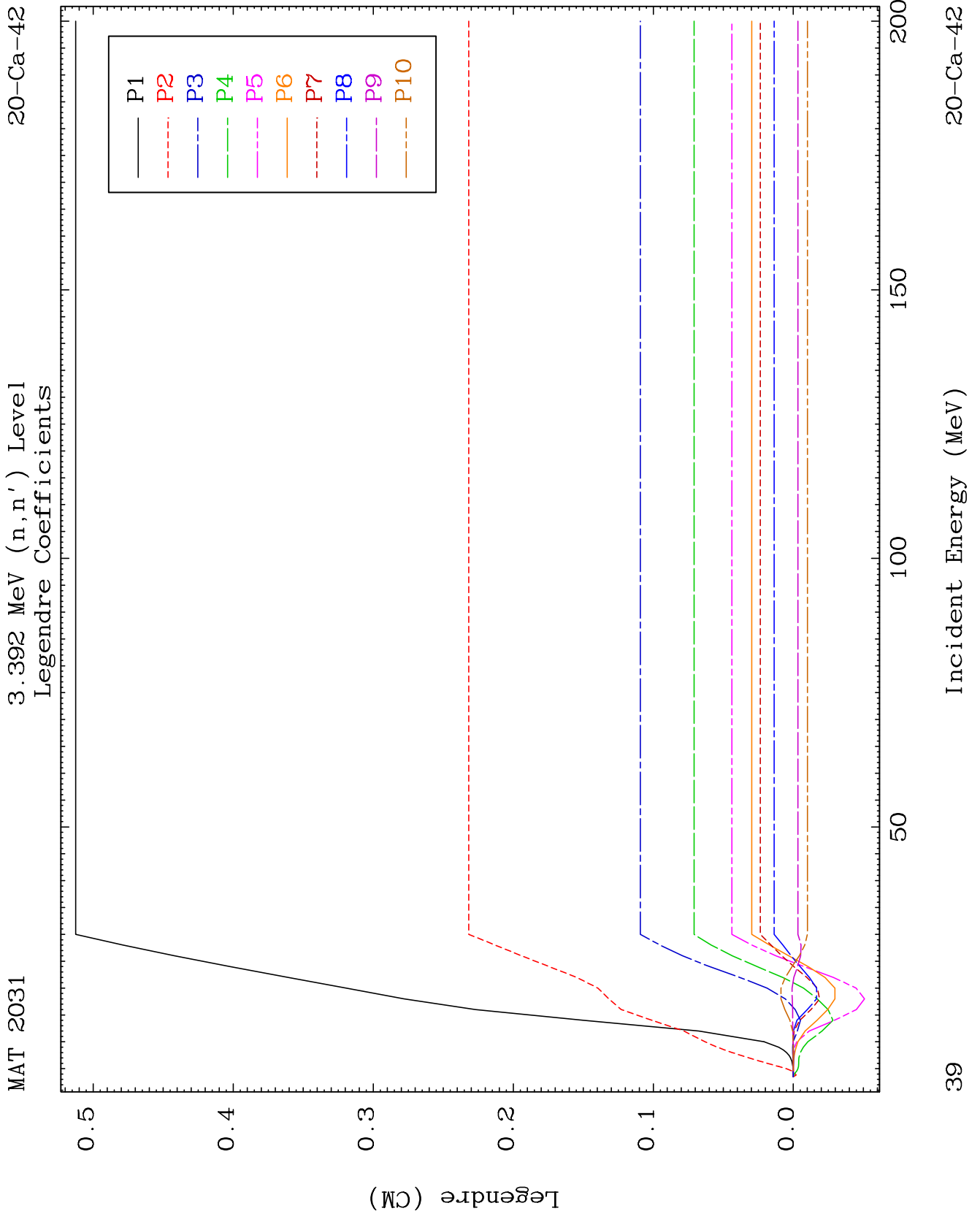


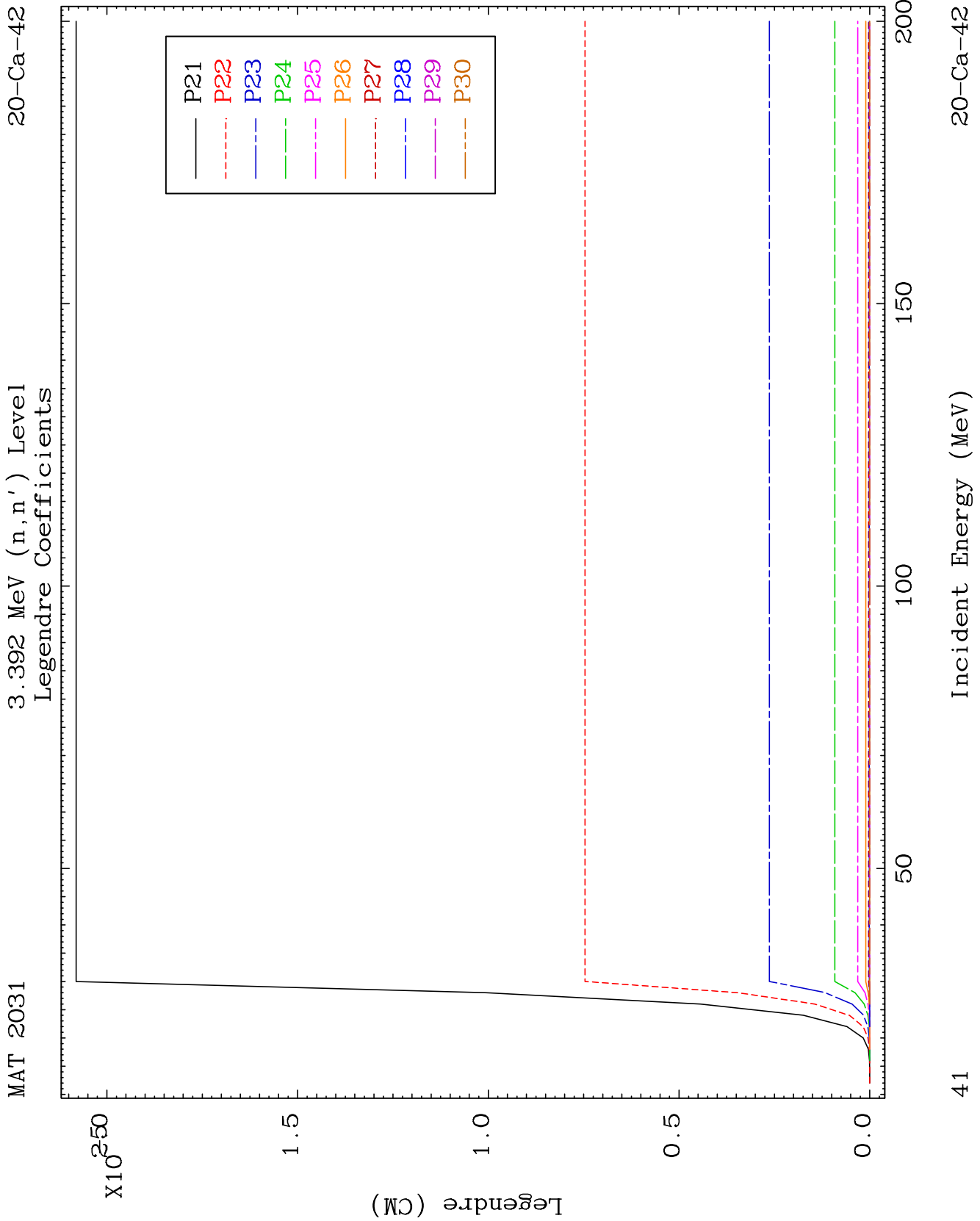


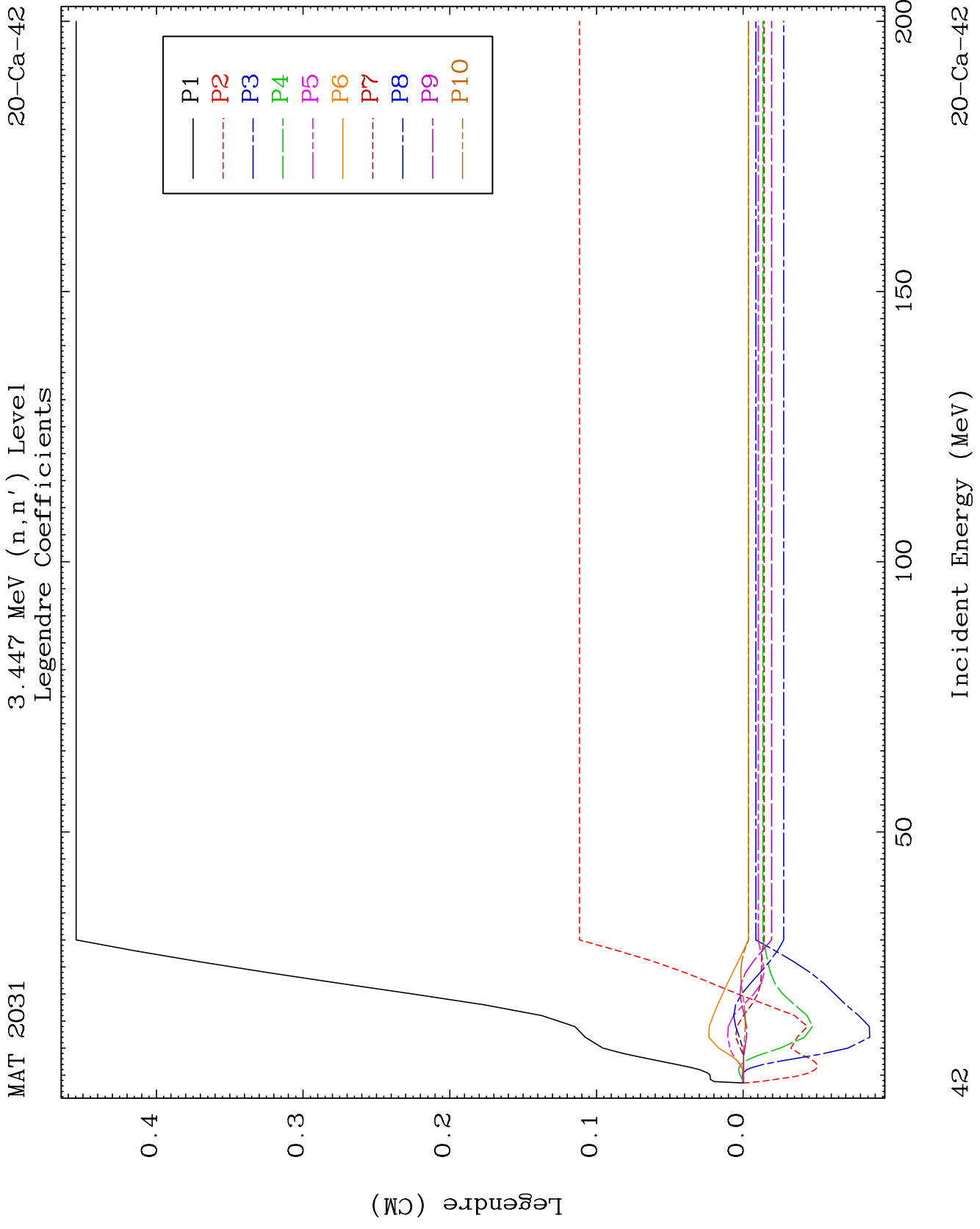








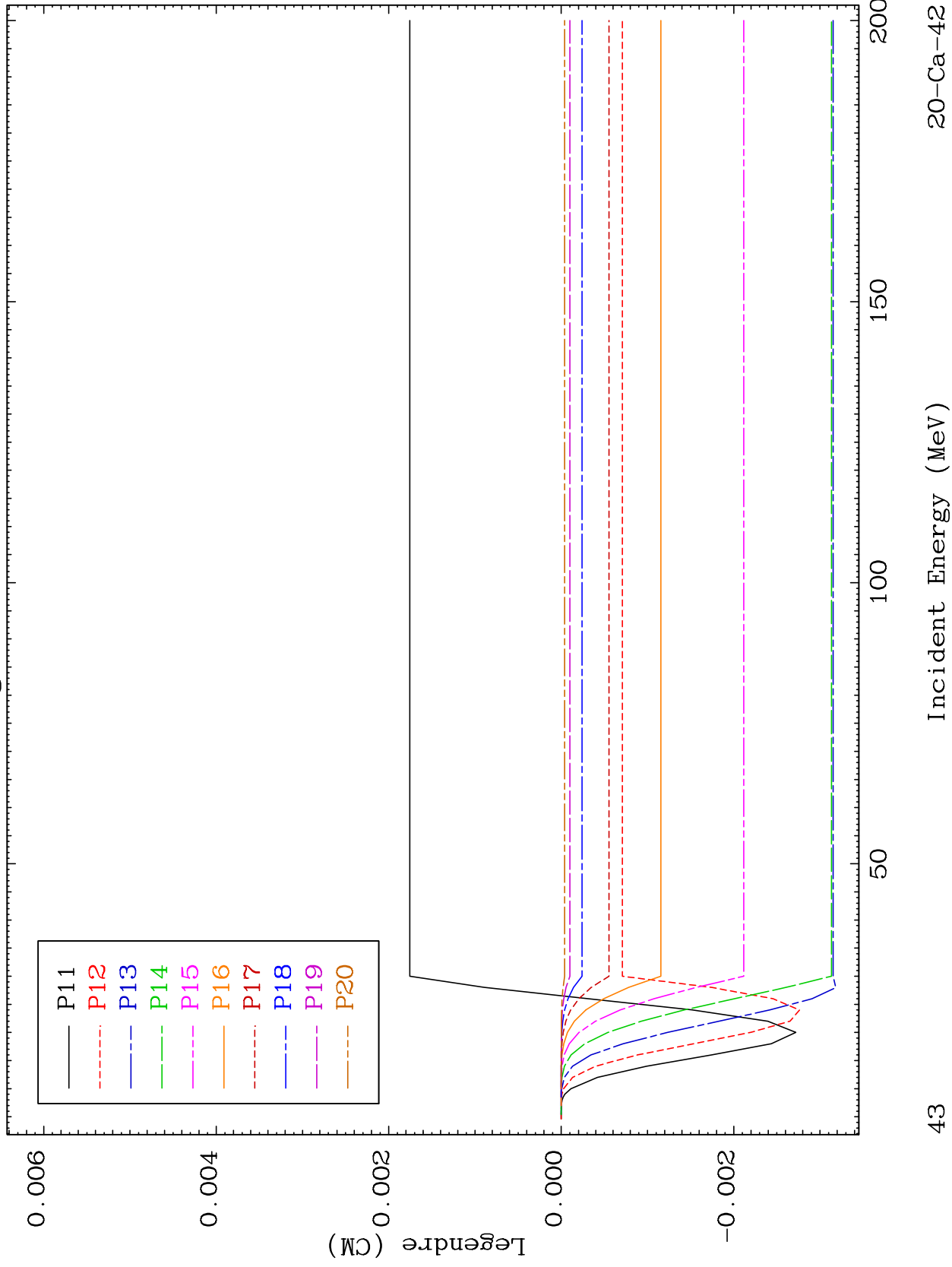




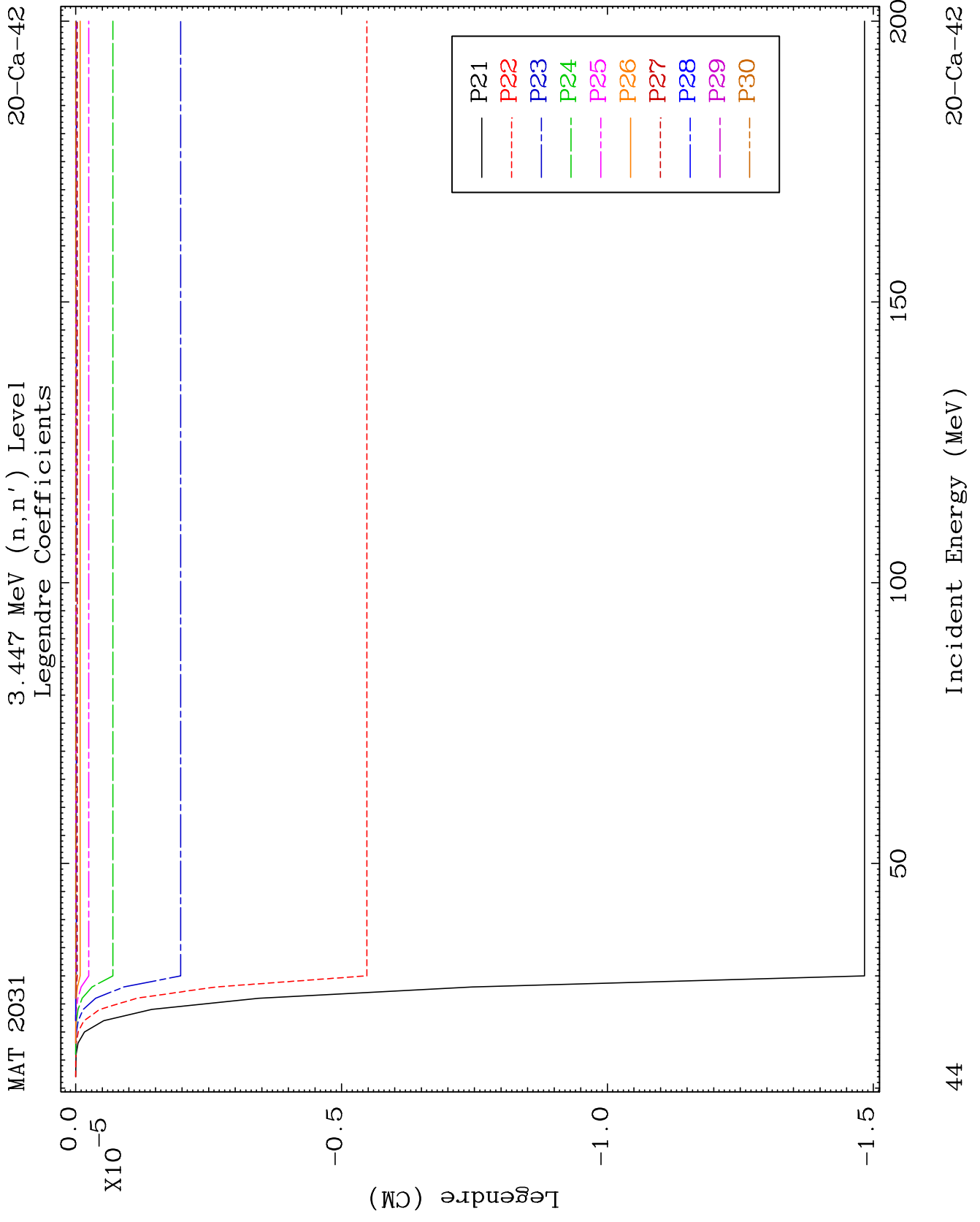
MAT 2031

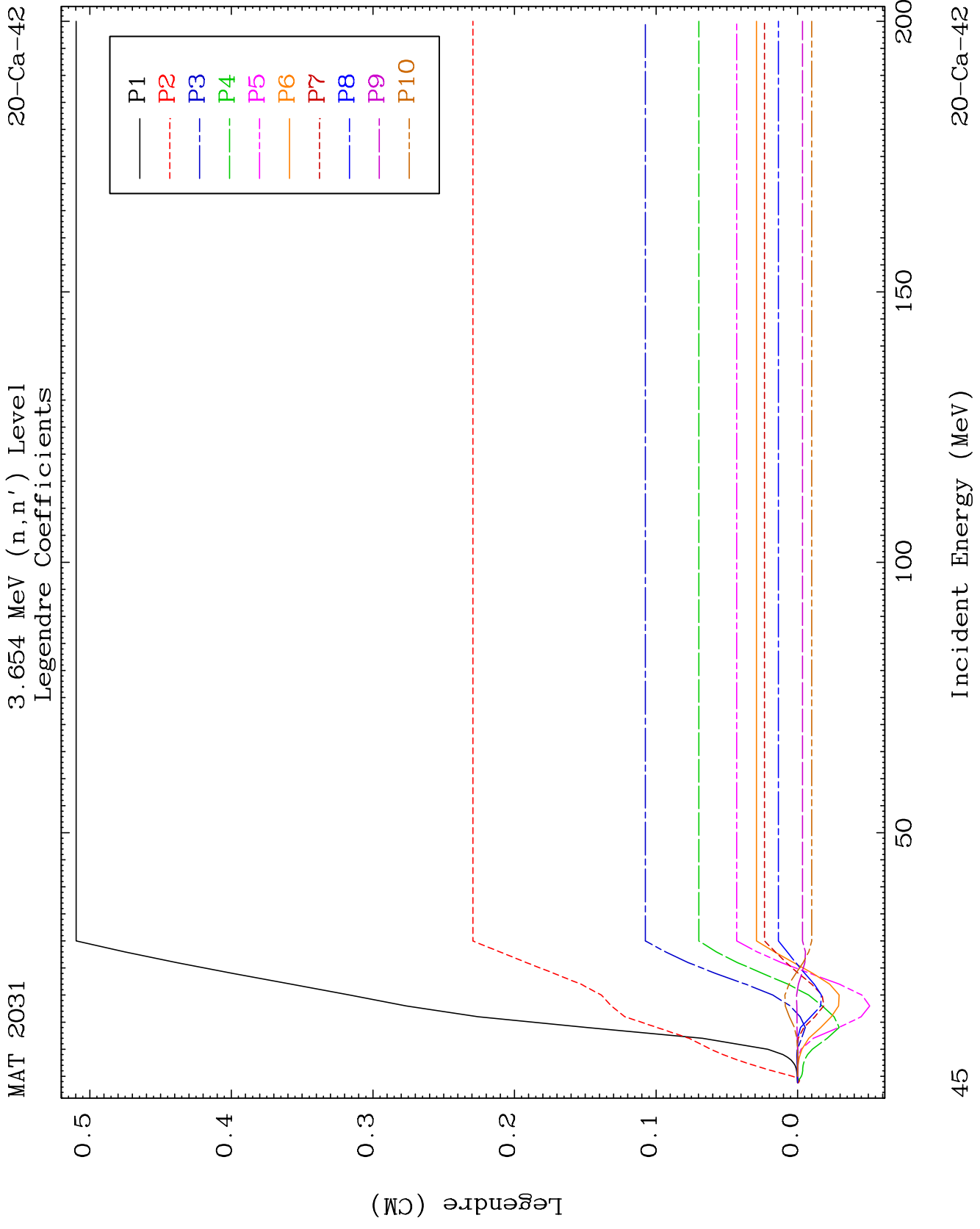
3.447 MeV (n,n') Level
Legendre Coefficients

20-Ca-42



43

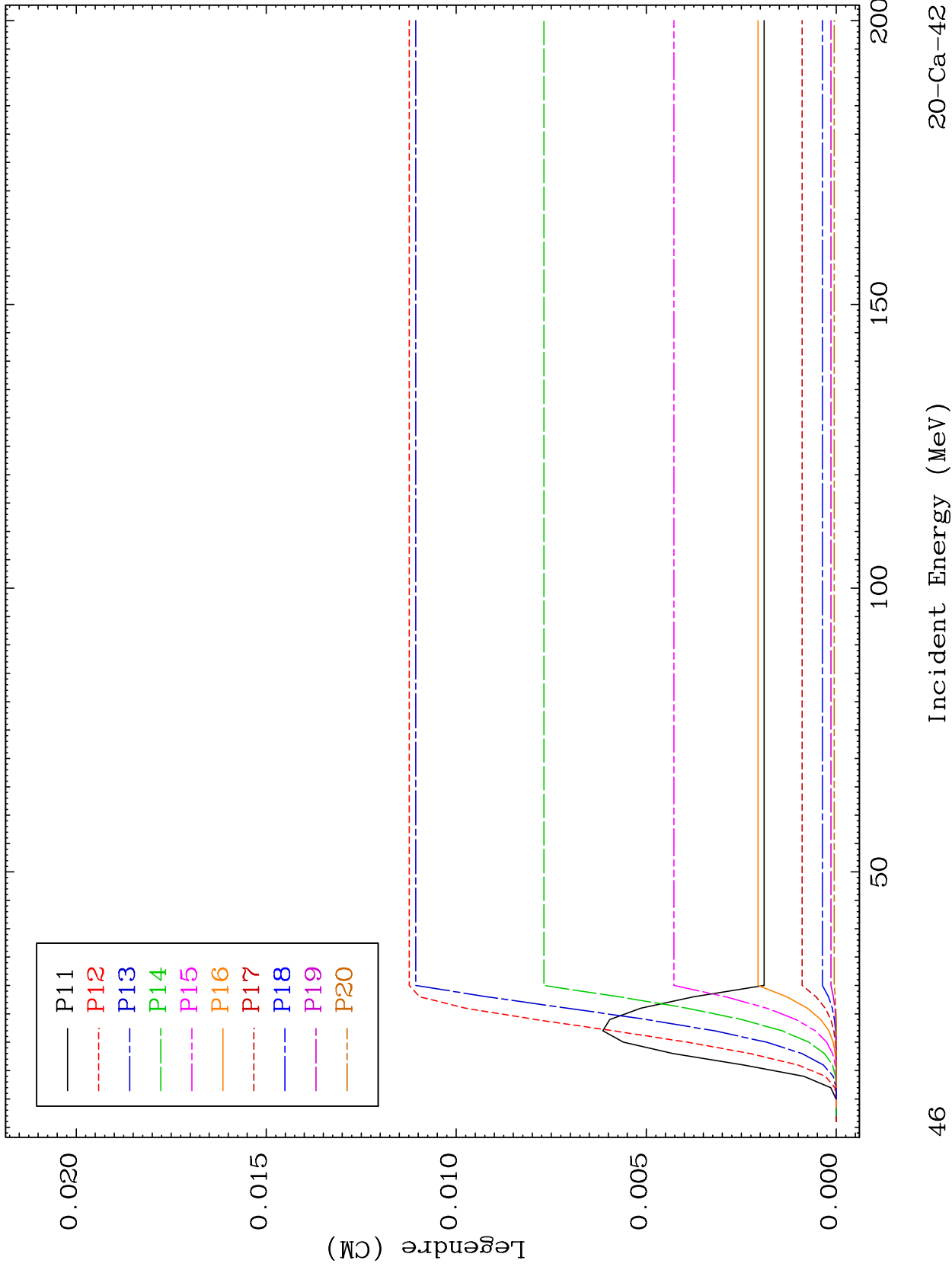




MAT 2031

3.654 MeV (n,n') Level
Legendre Coefficients

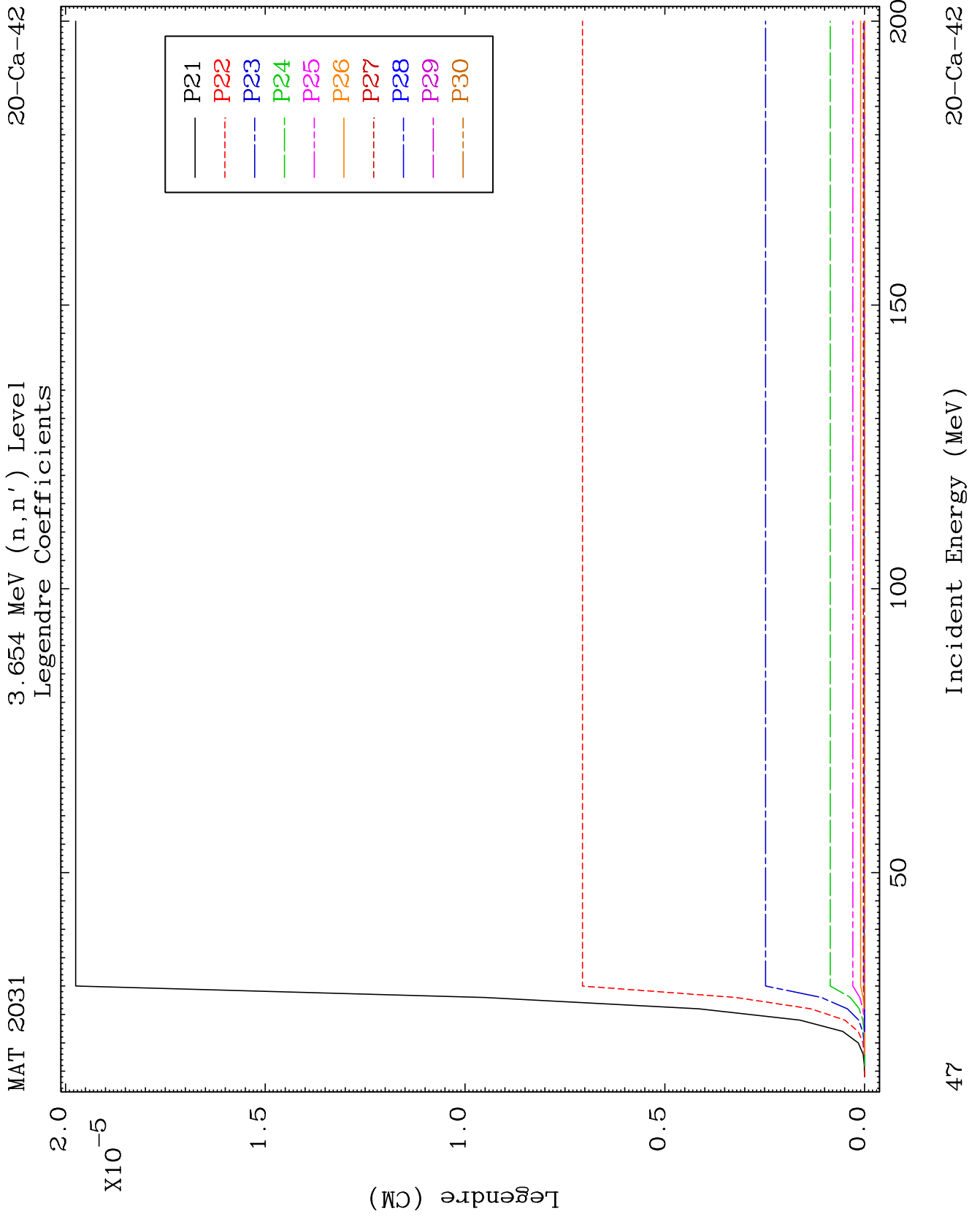
20-Ca-42

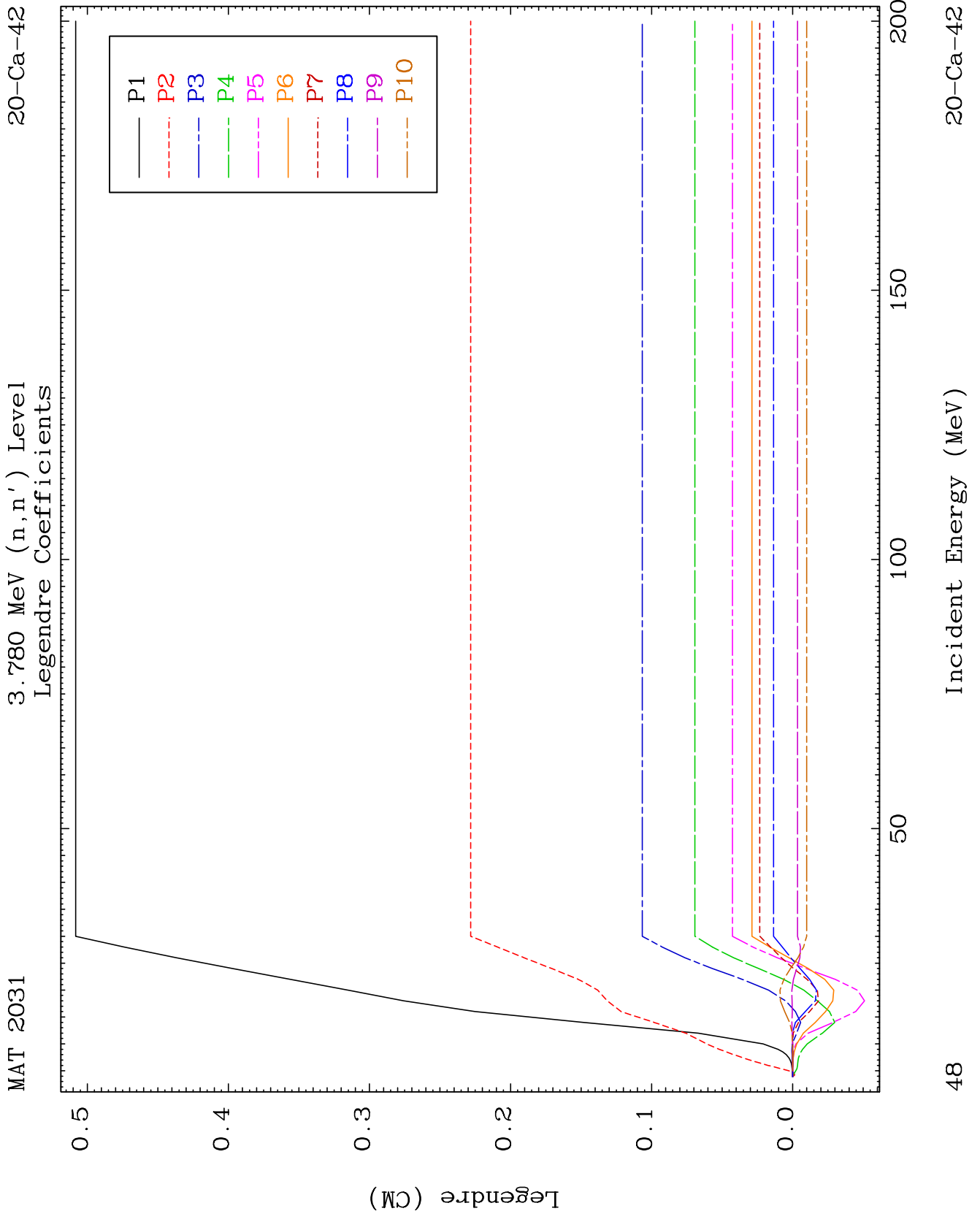


46

Incident Energy (MeV)

20-Ca-42

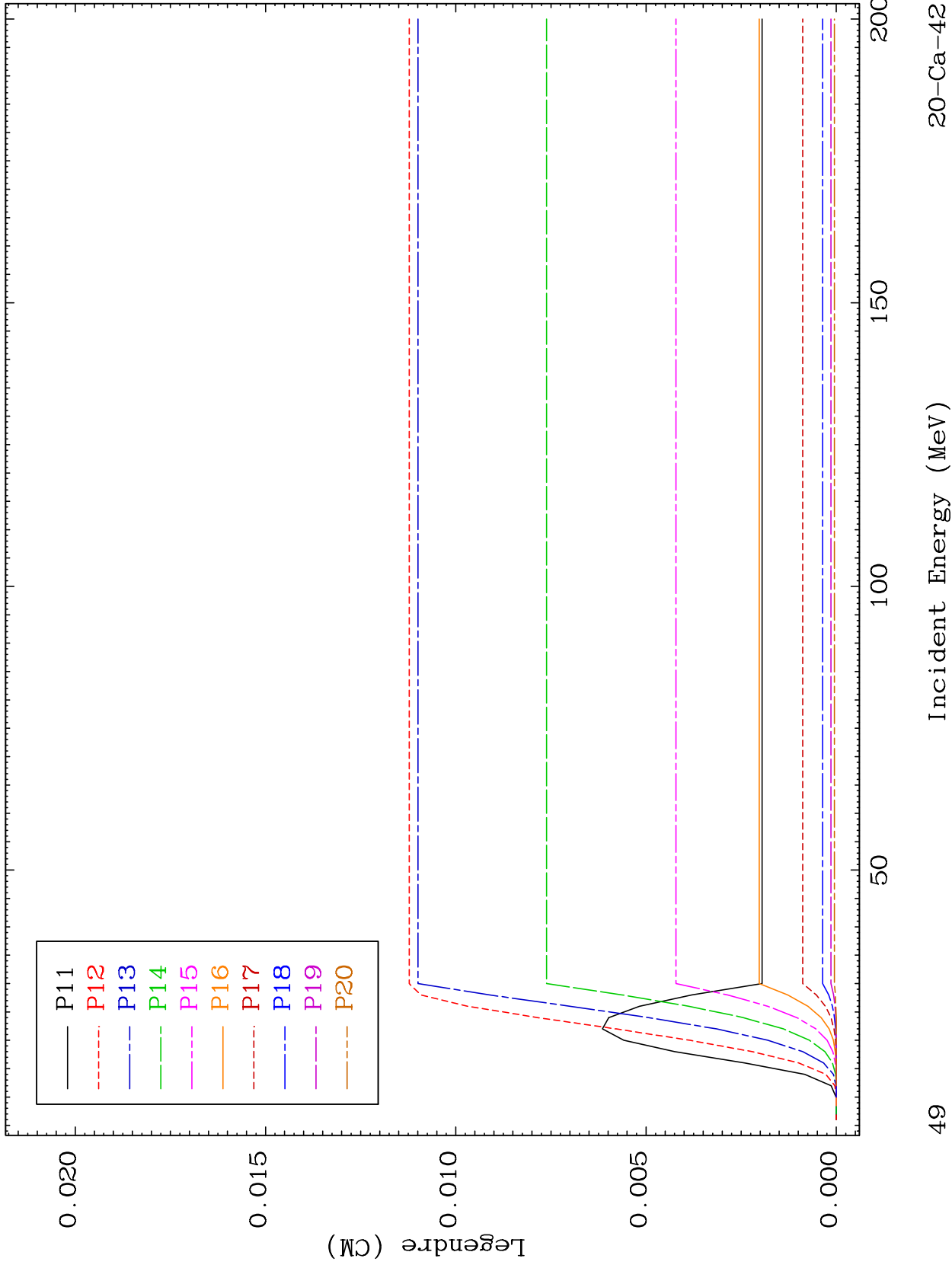




MAT 2031

3.780 MeV (n,n') Level
Legendre Coefficients

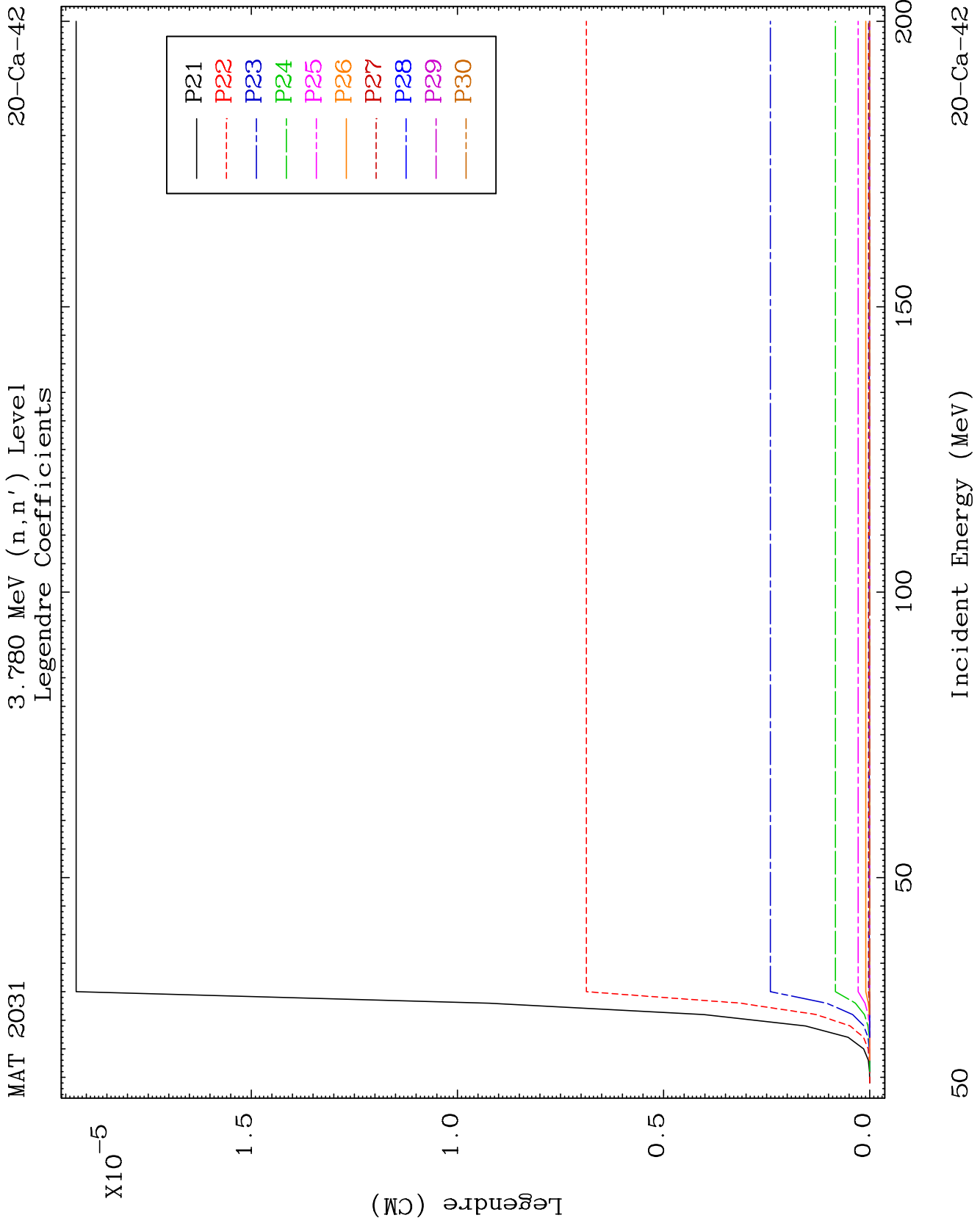
20-Ca-42

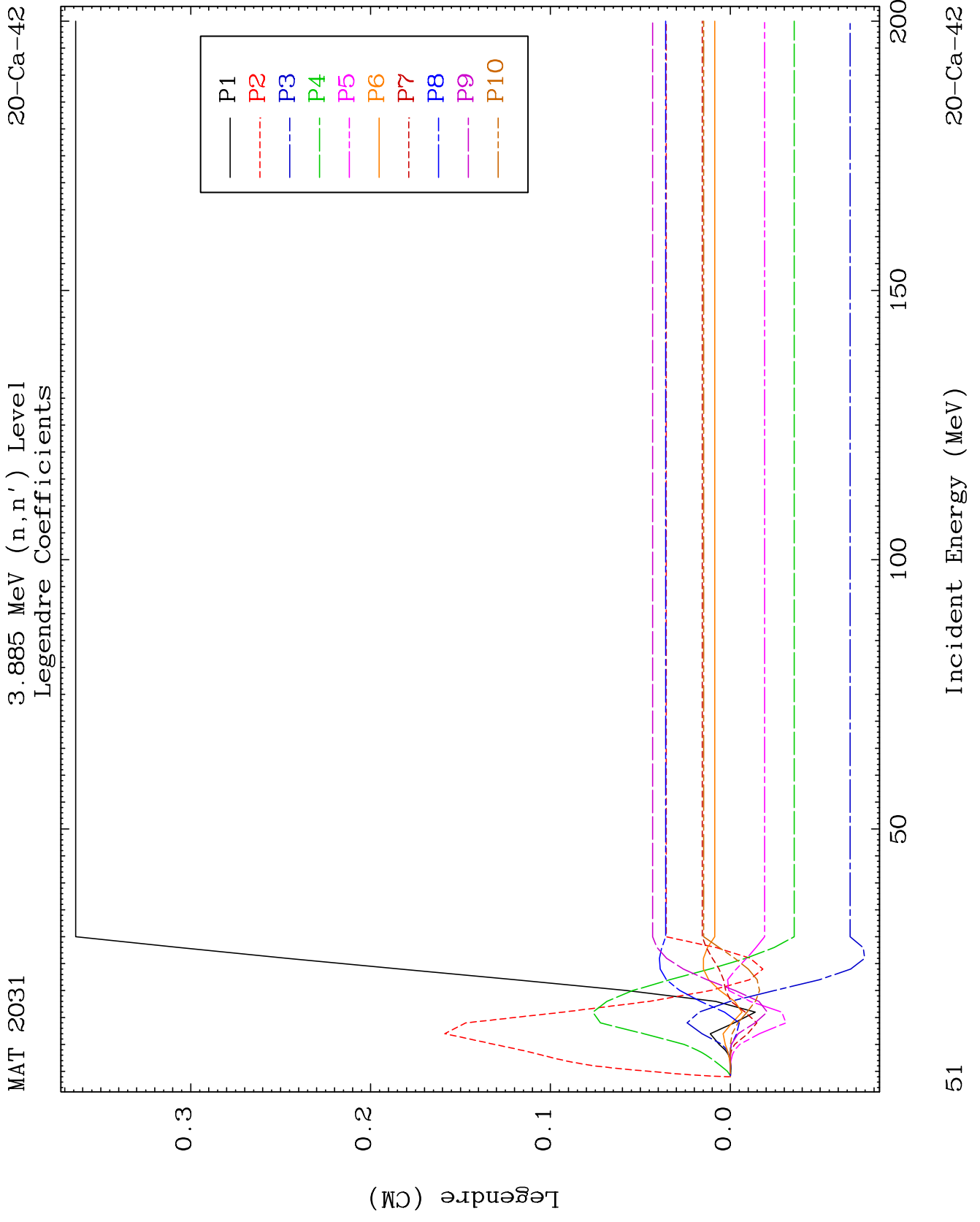


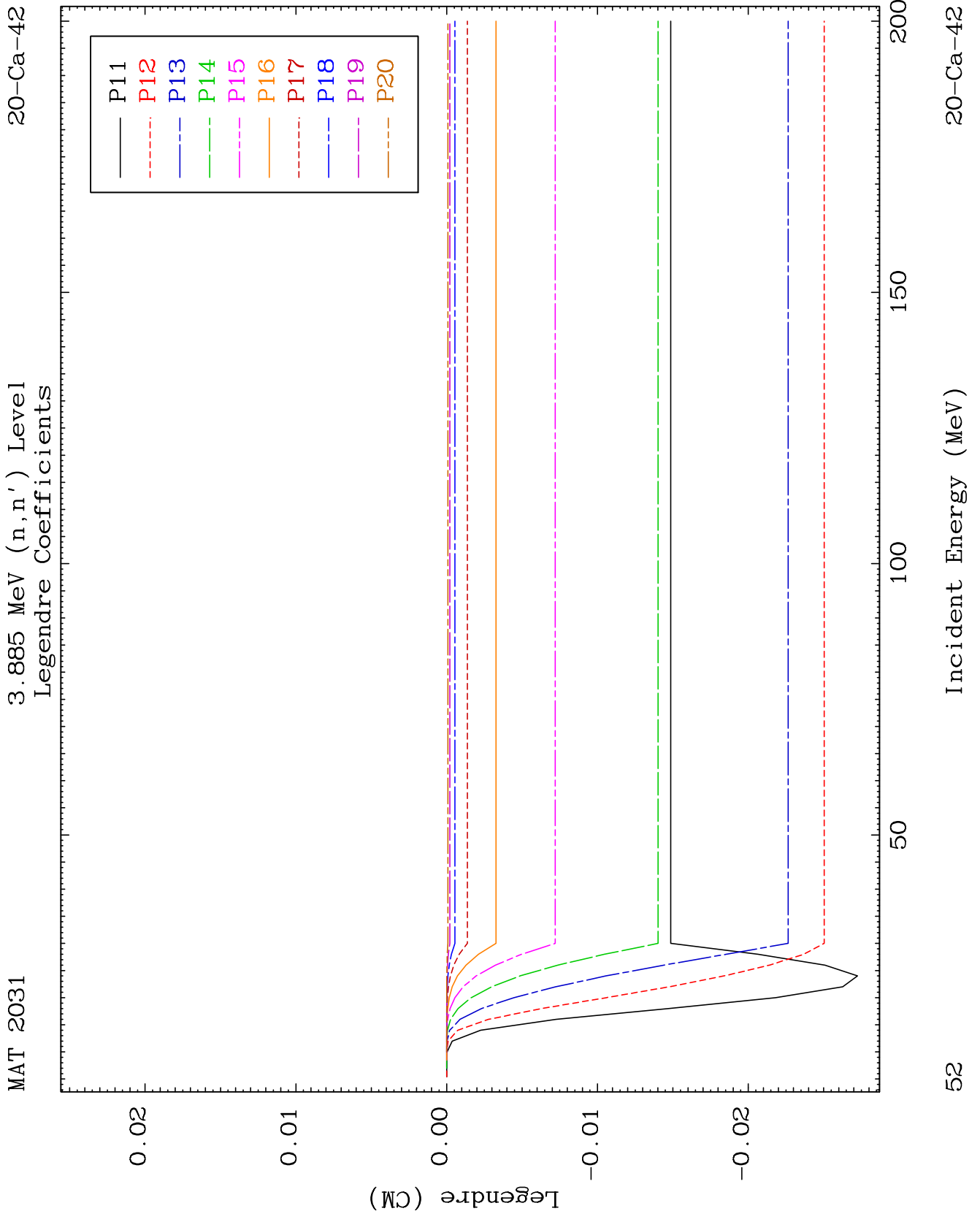
49

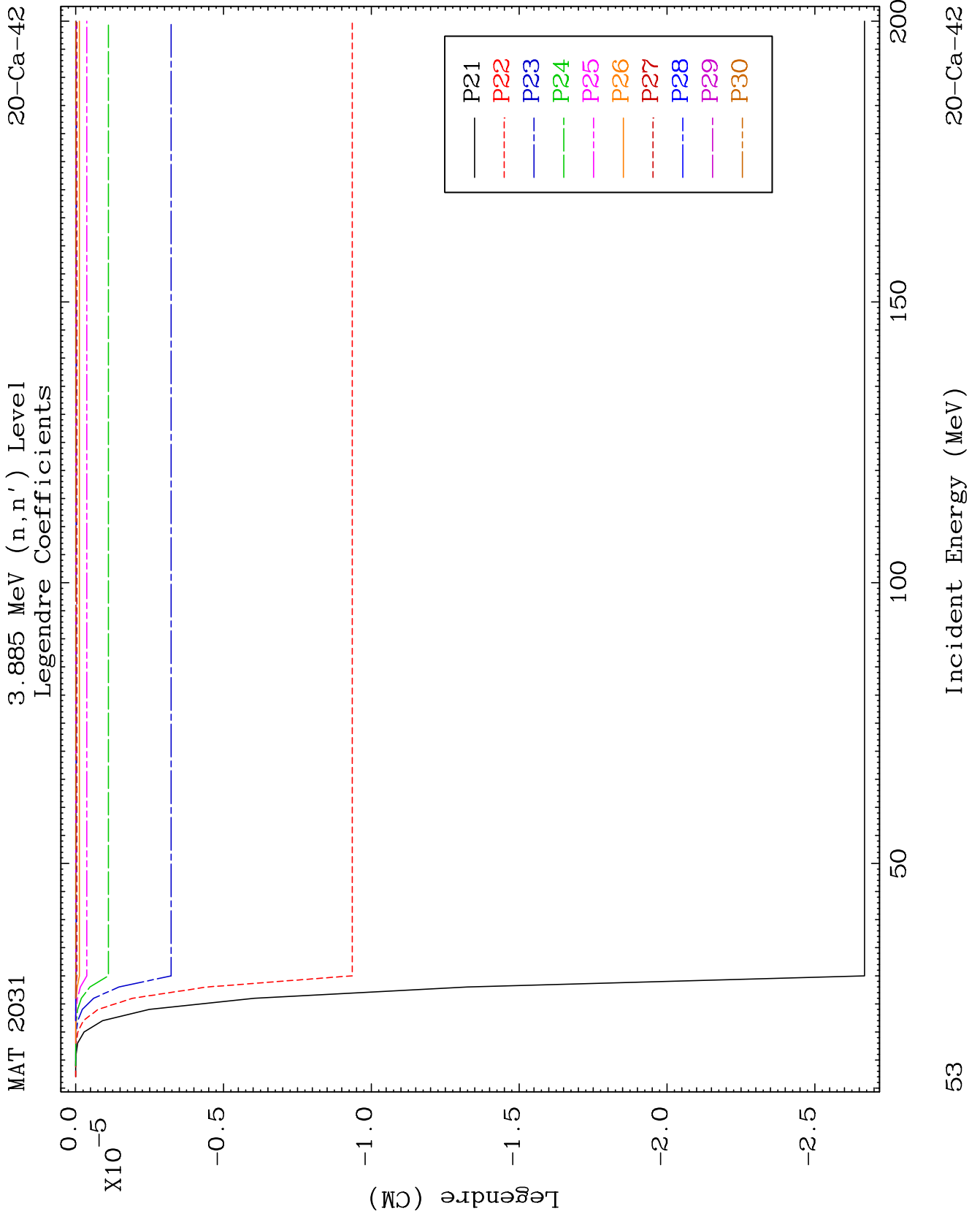
Incident Energy (MeV)

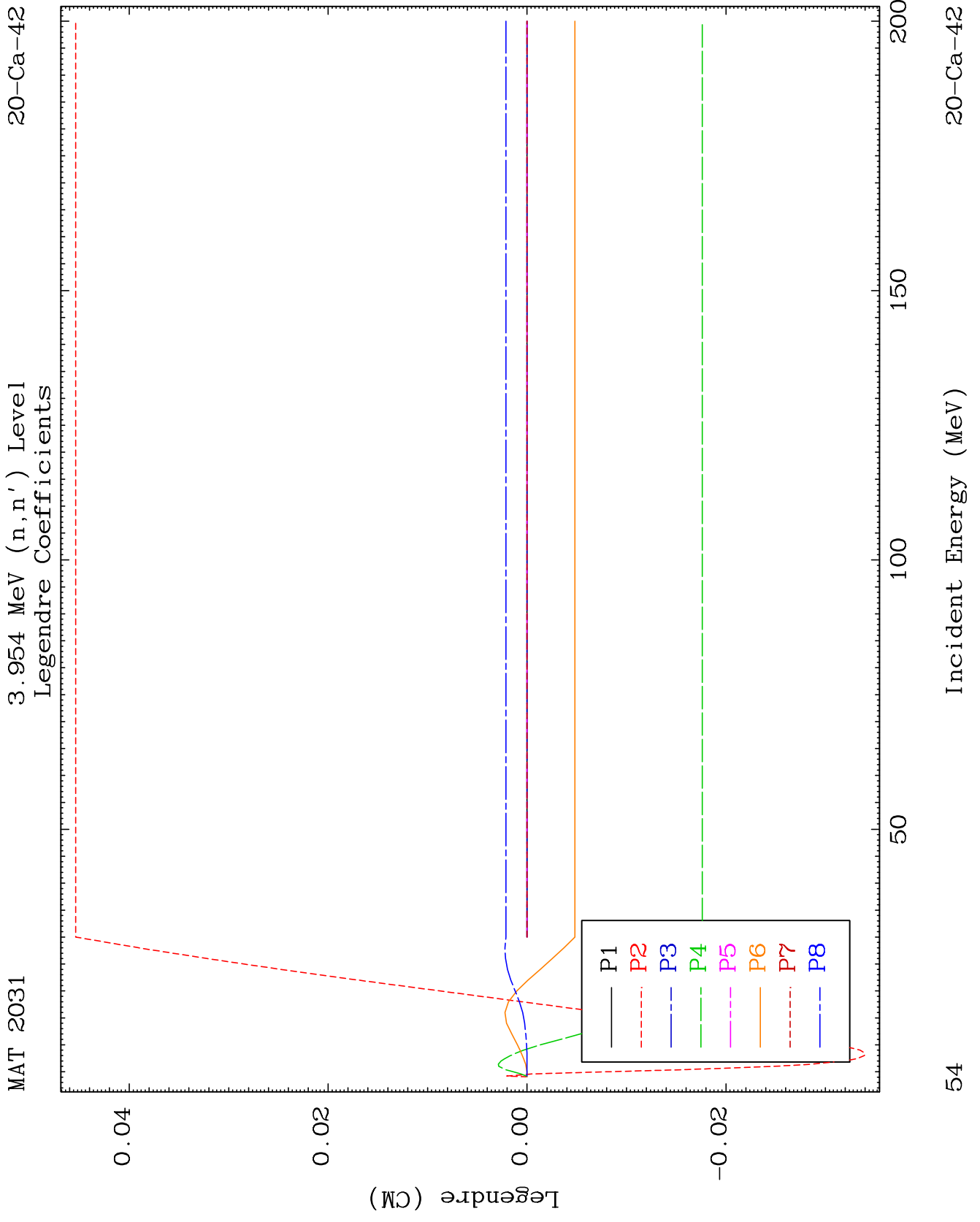
20-Ca-42

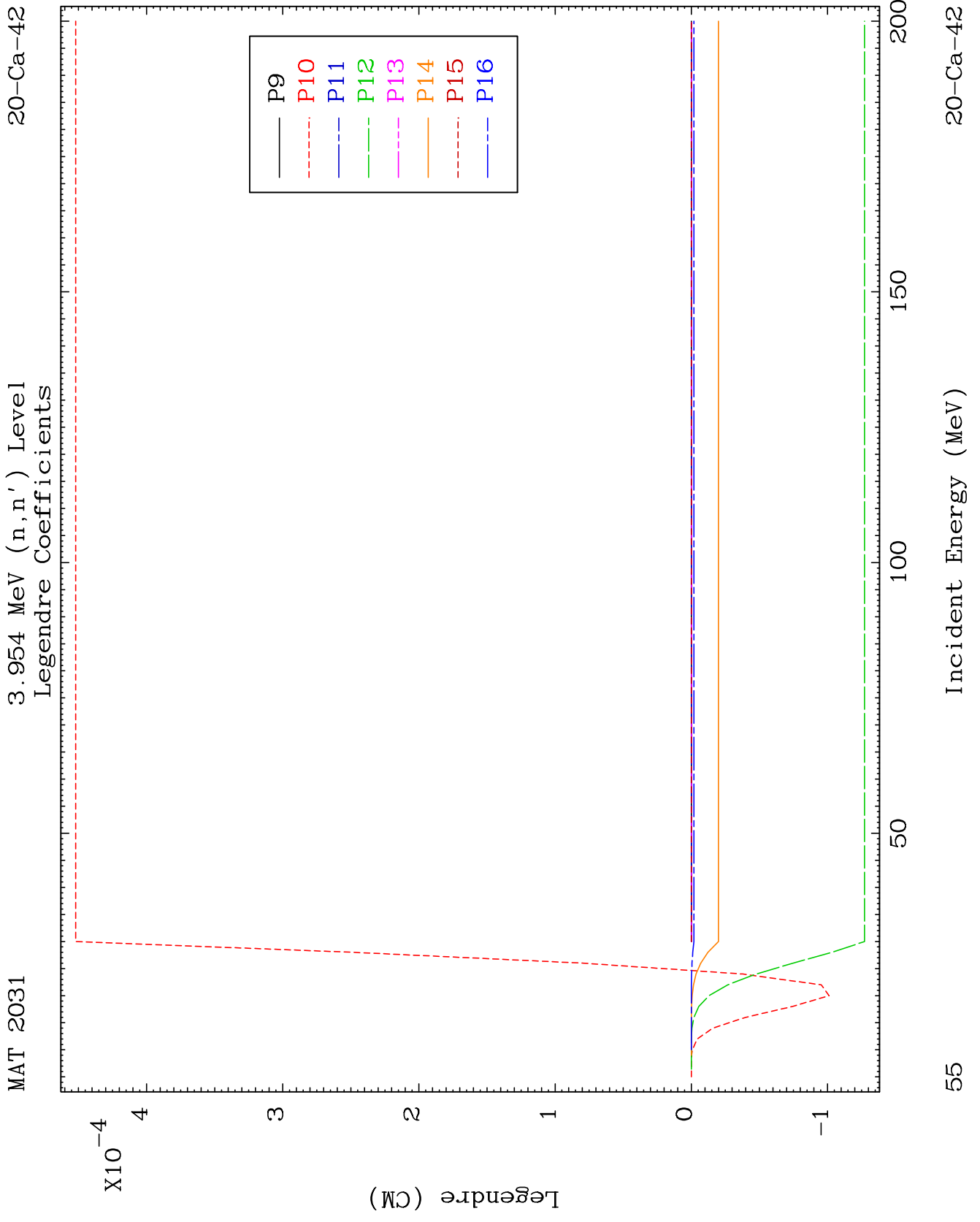


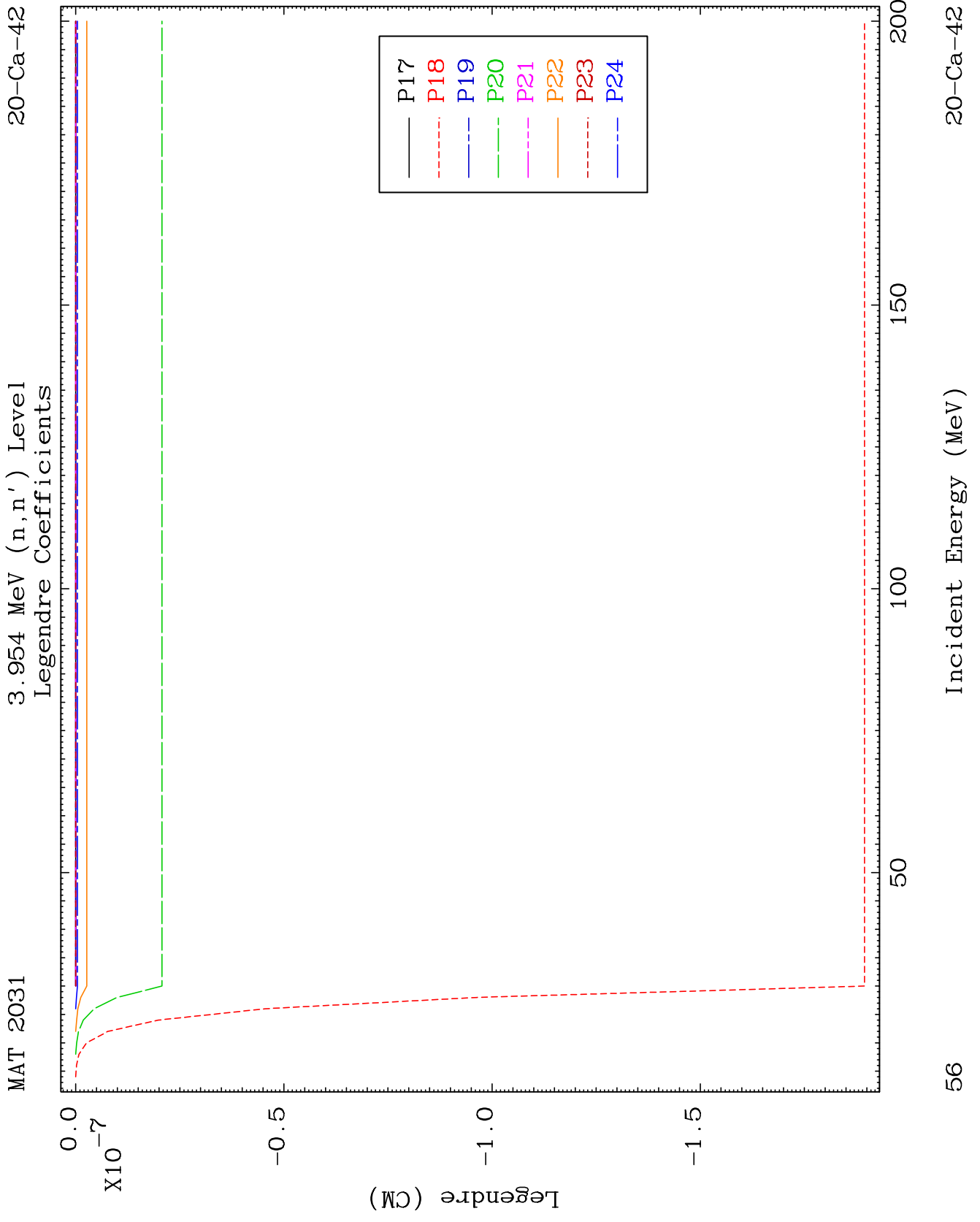


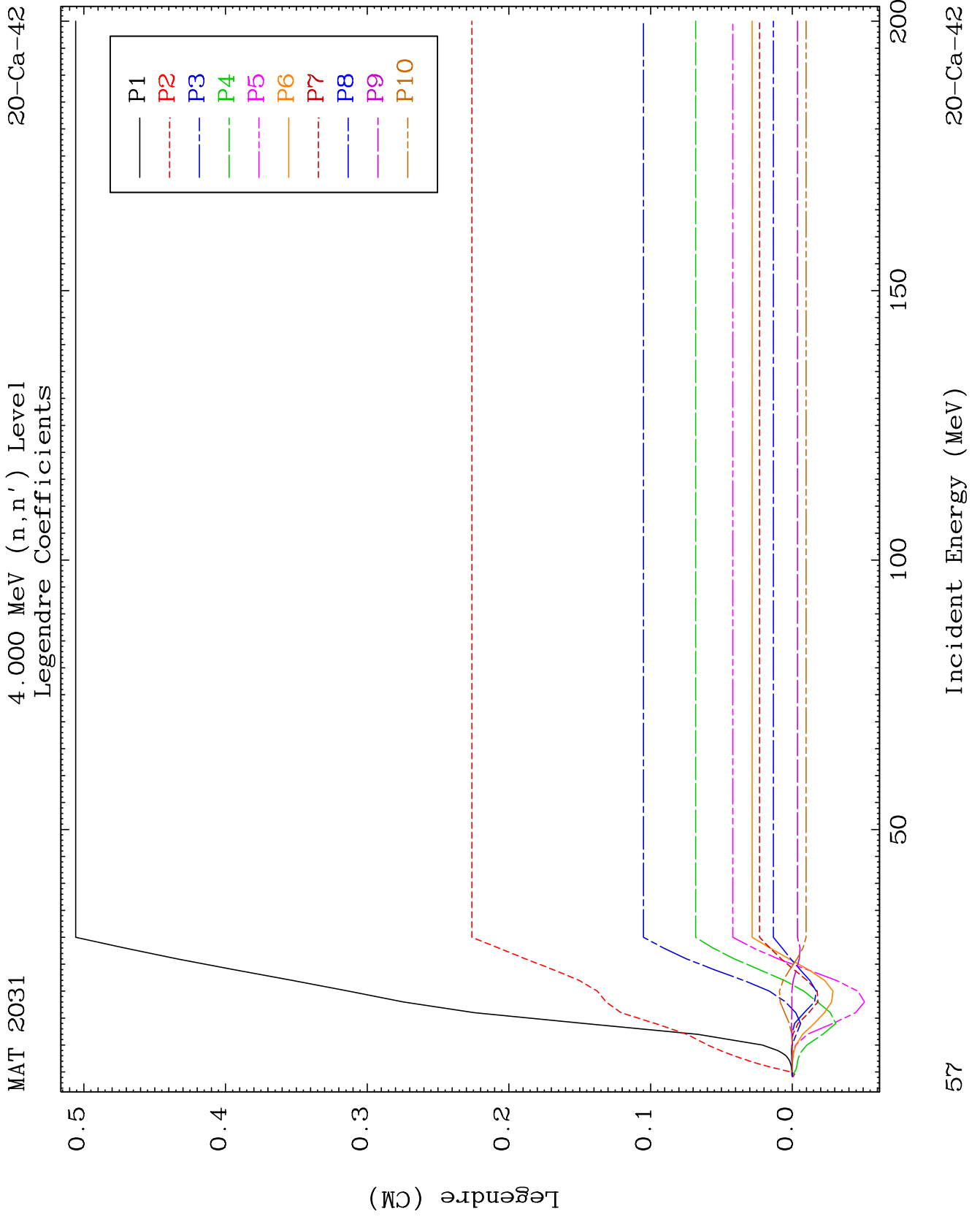












MAT 2031

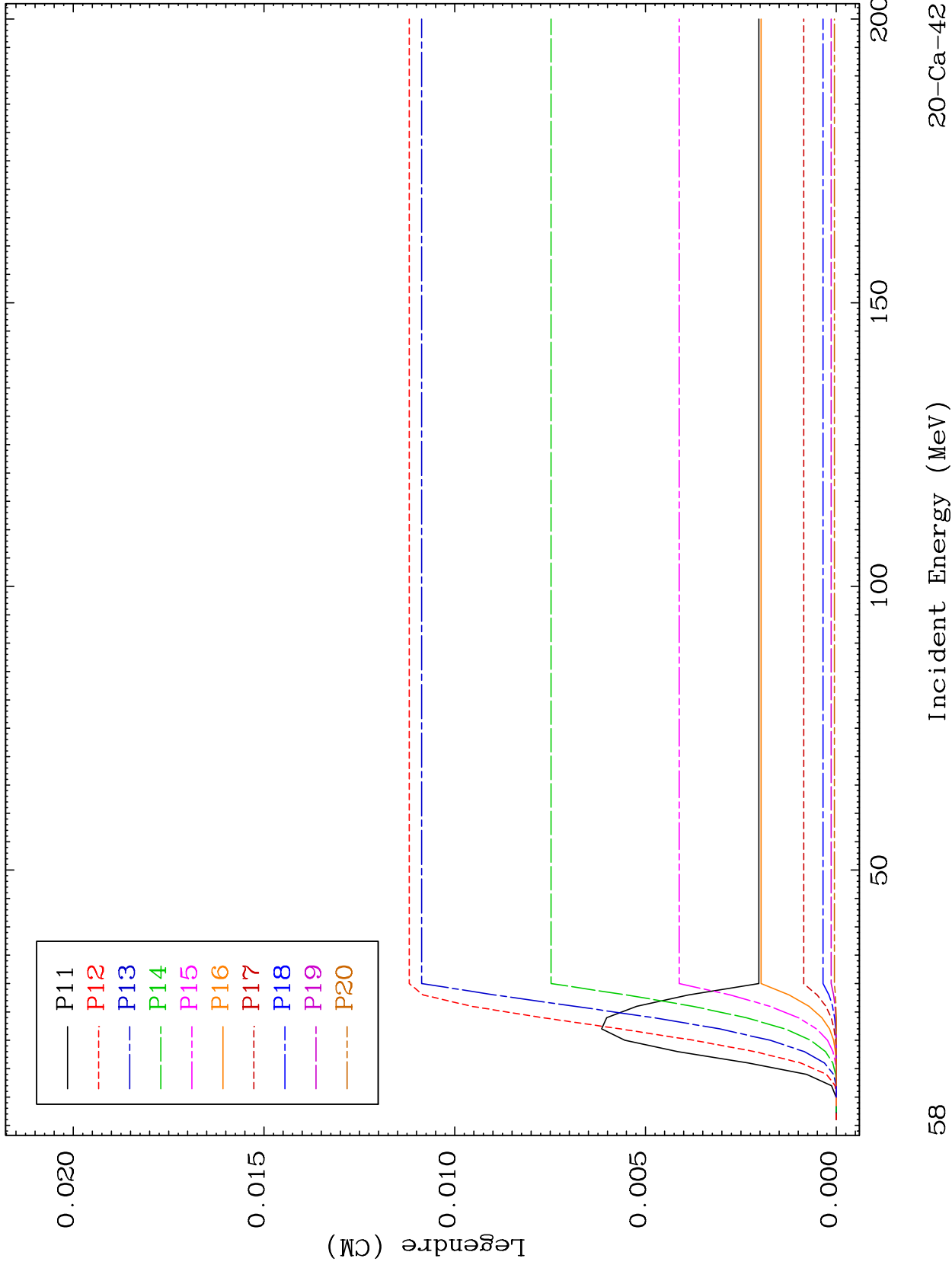
4.000 MeV (n,n') Level

20-Ca-42

MAT 2031

4.000 MeV (n,n') Level
Legendre Coefficients

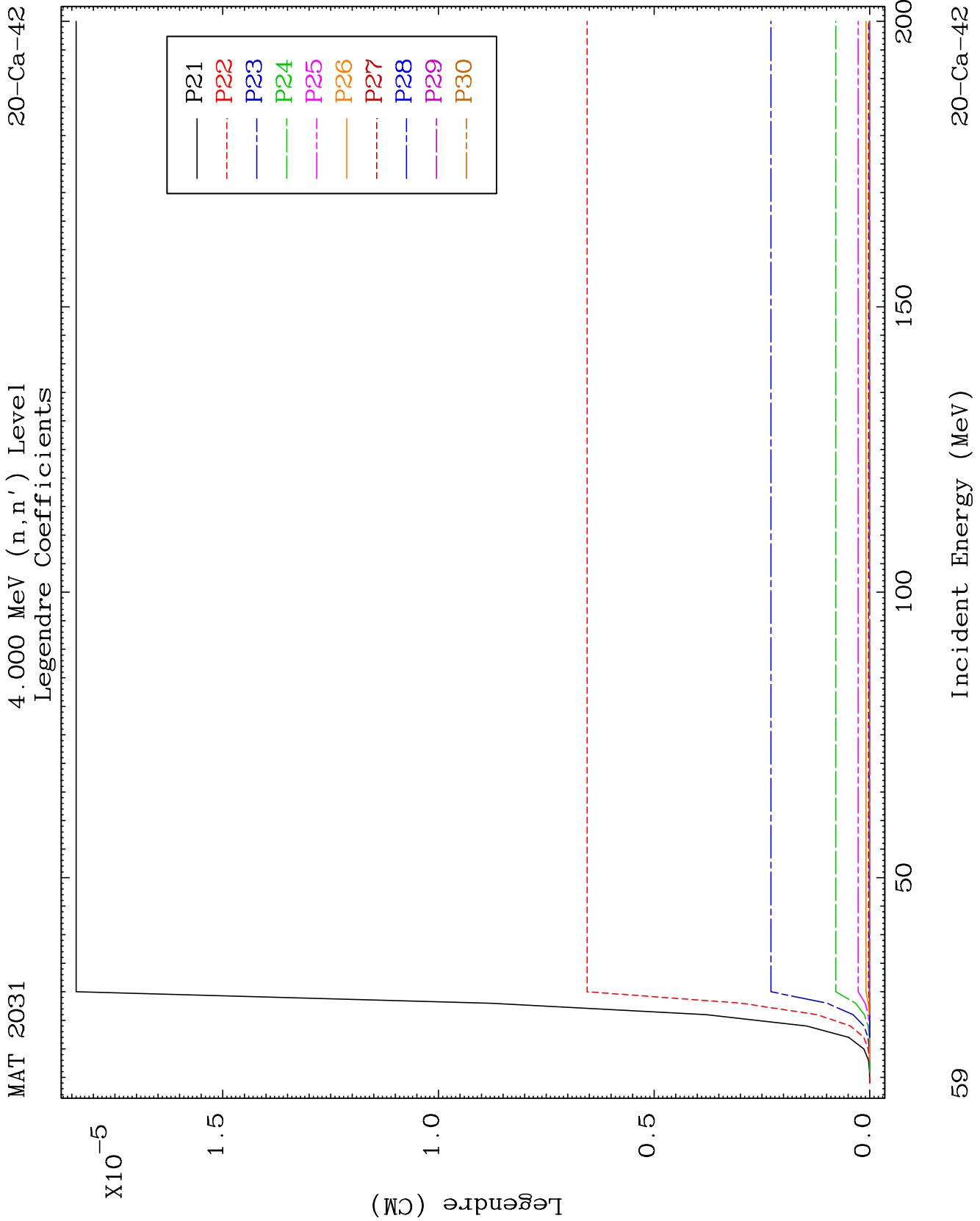
20-Ca-42

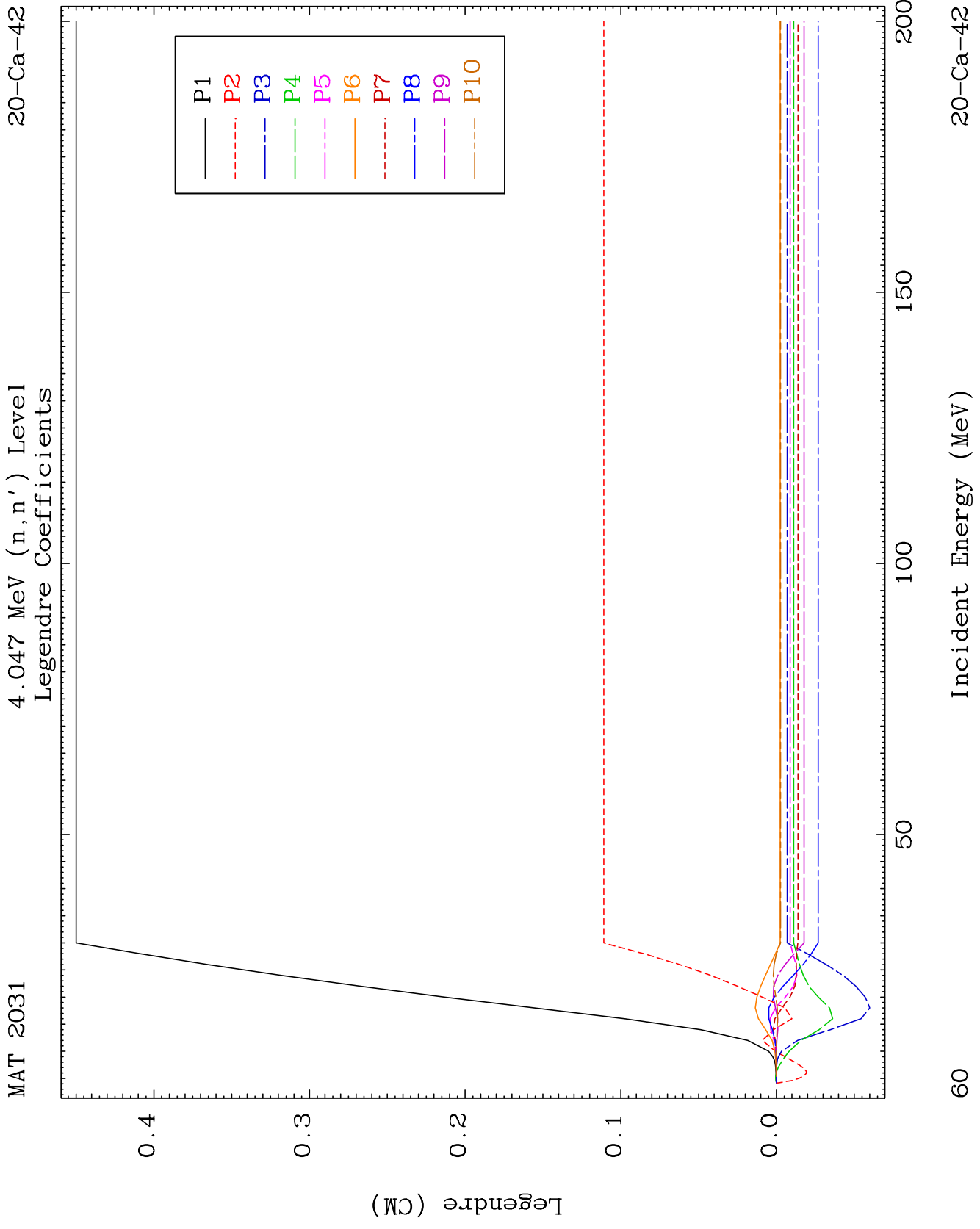


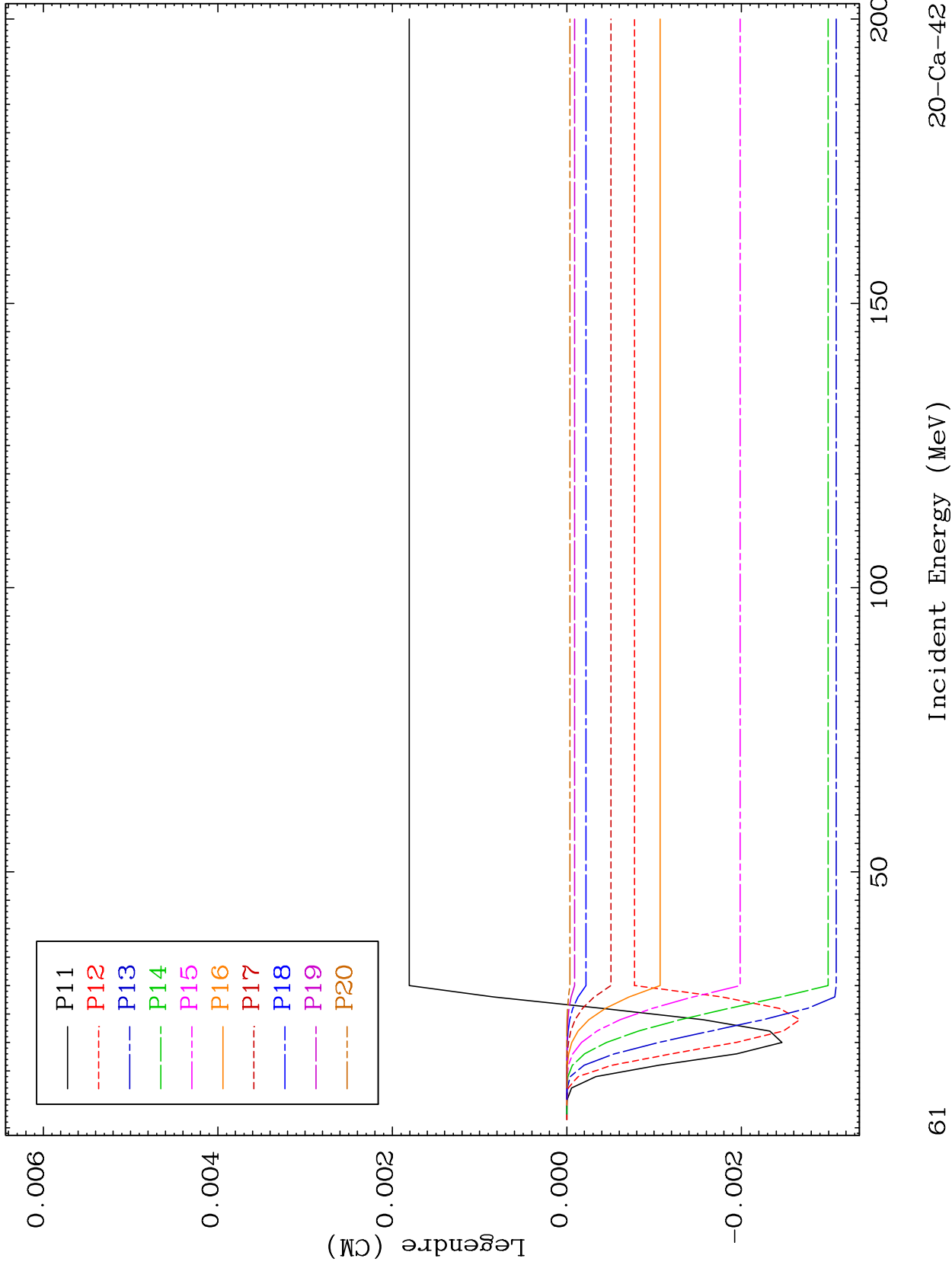
58

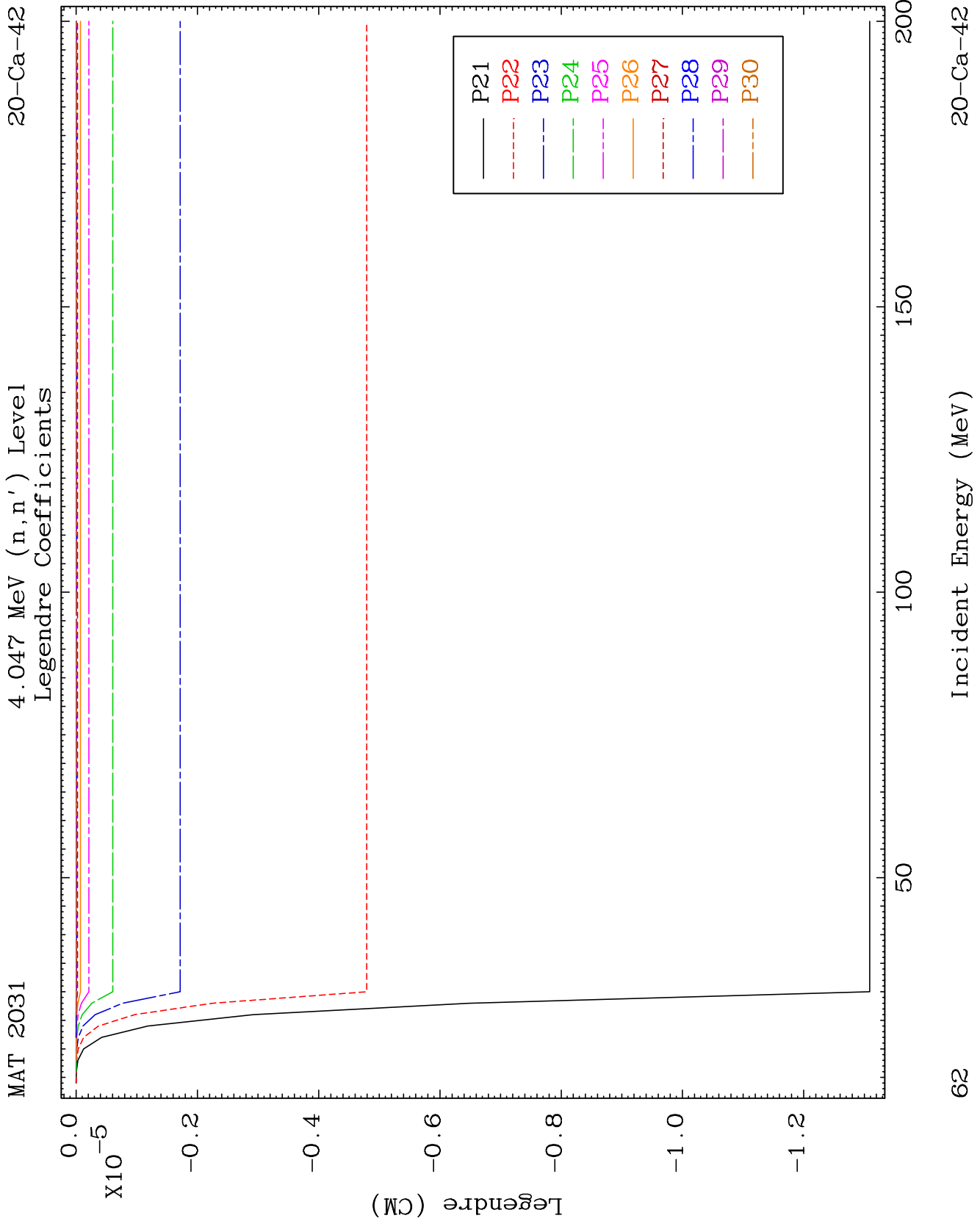
Incident Energy (MeV)

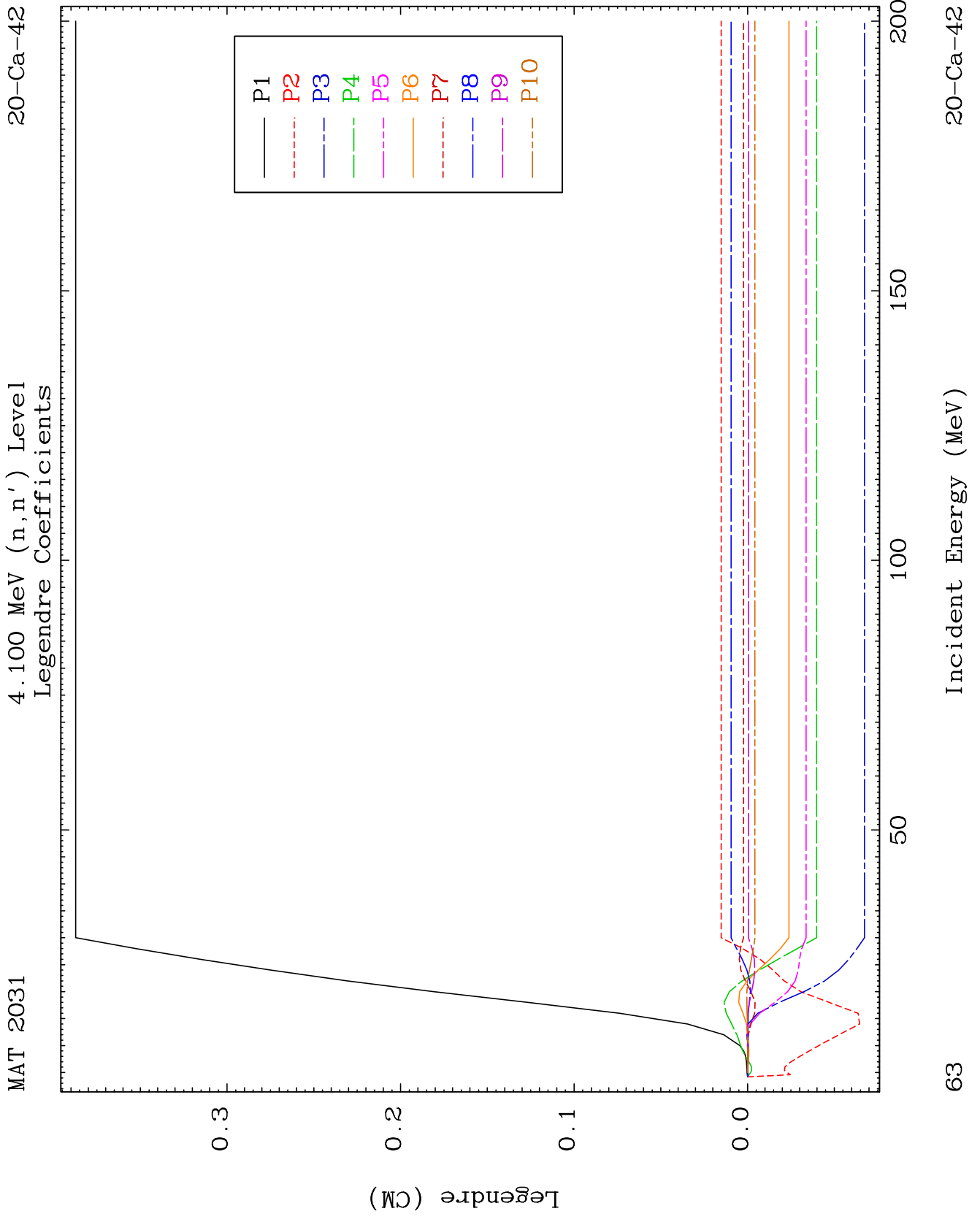
20-Ca-42

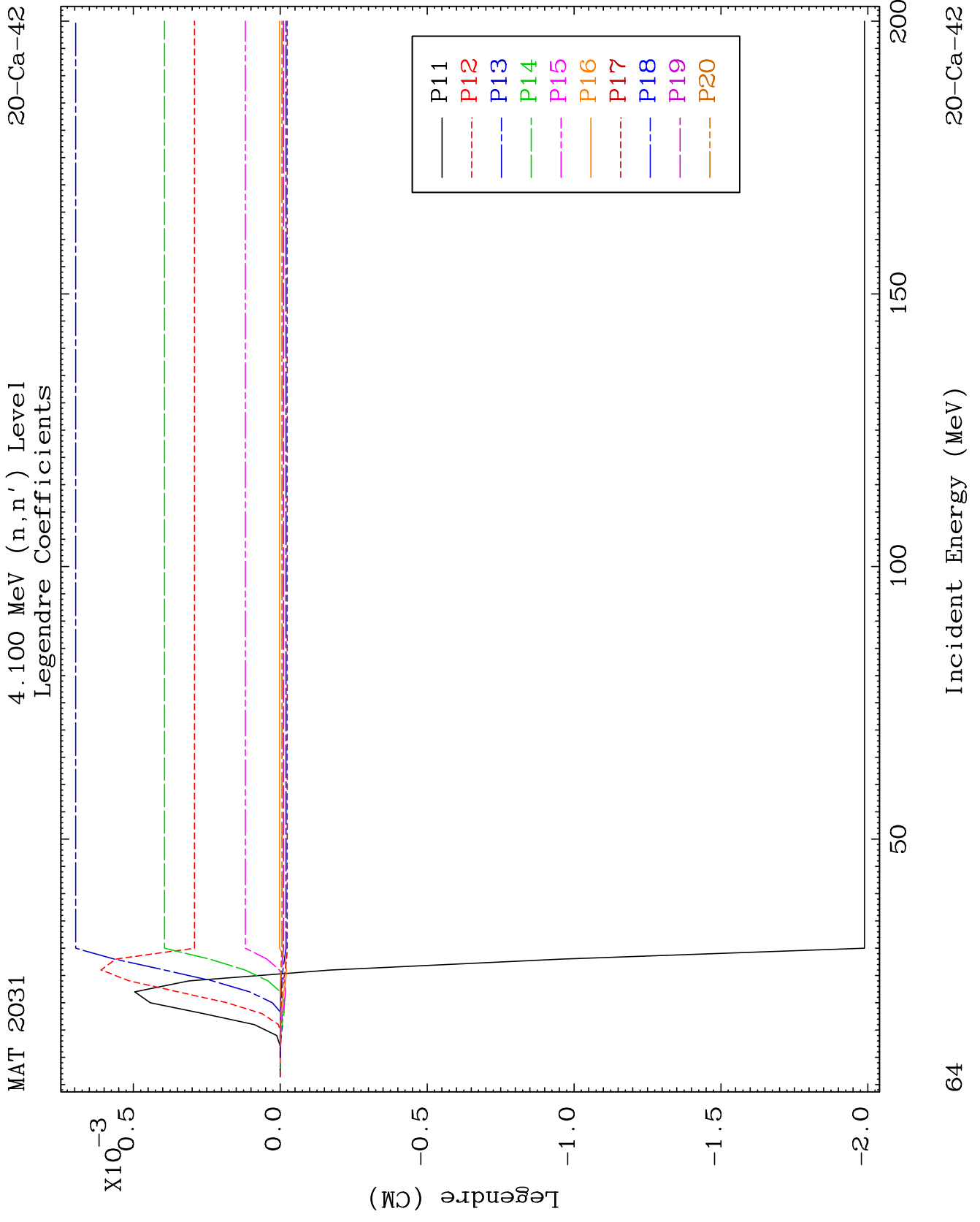


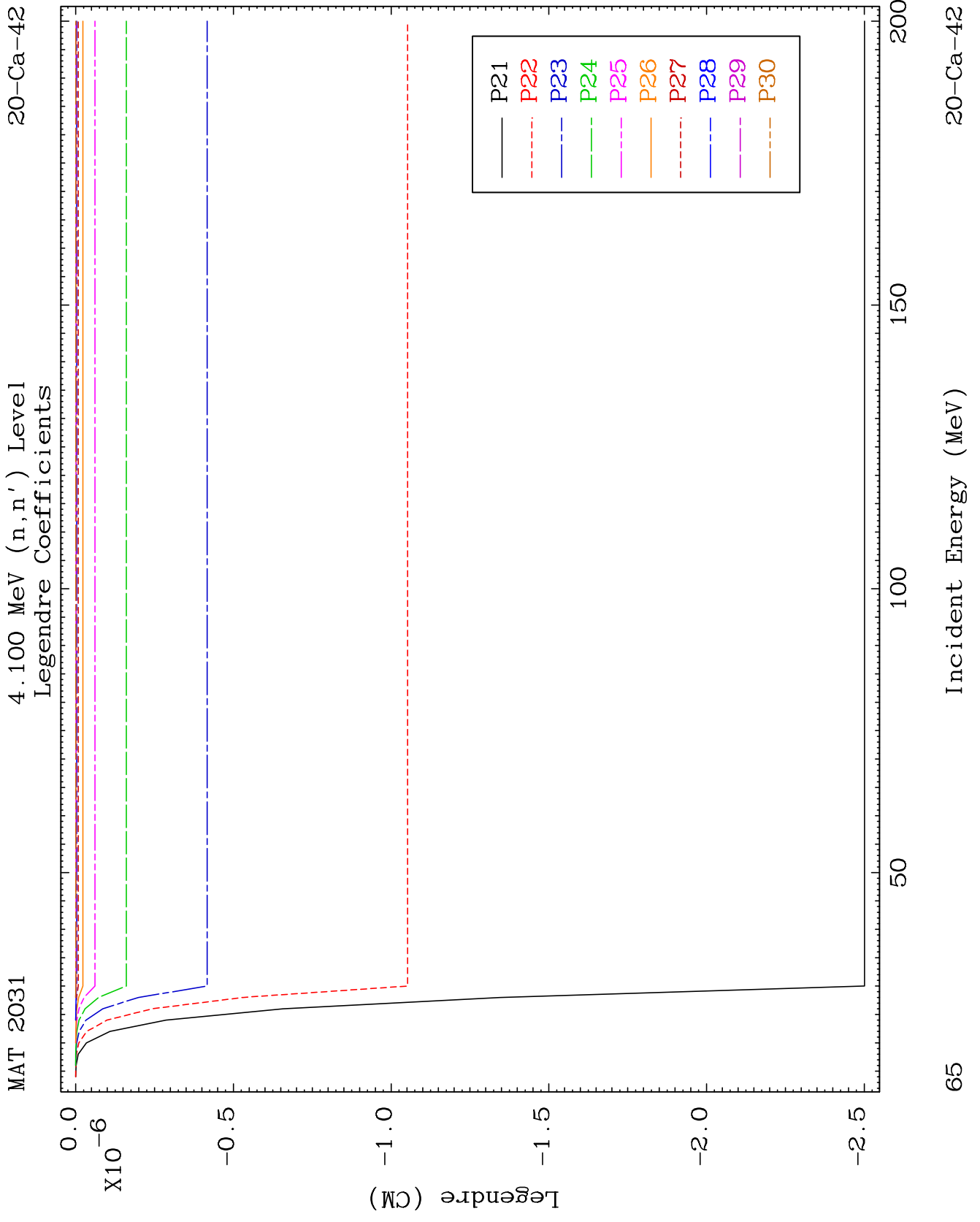


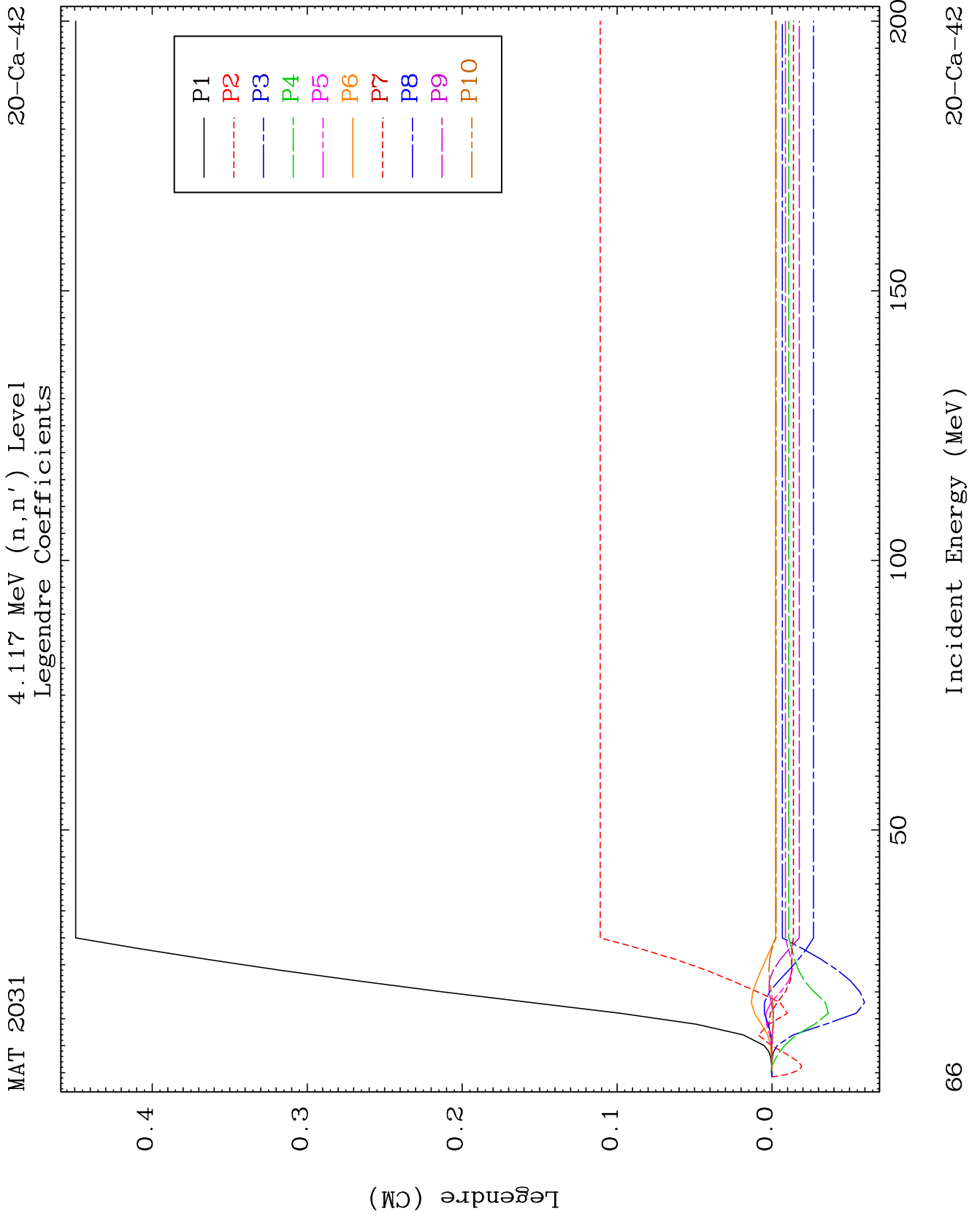


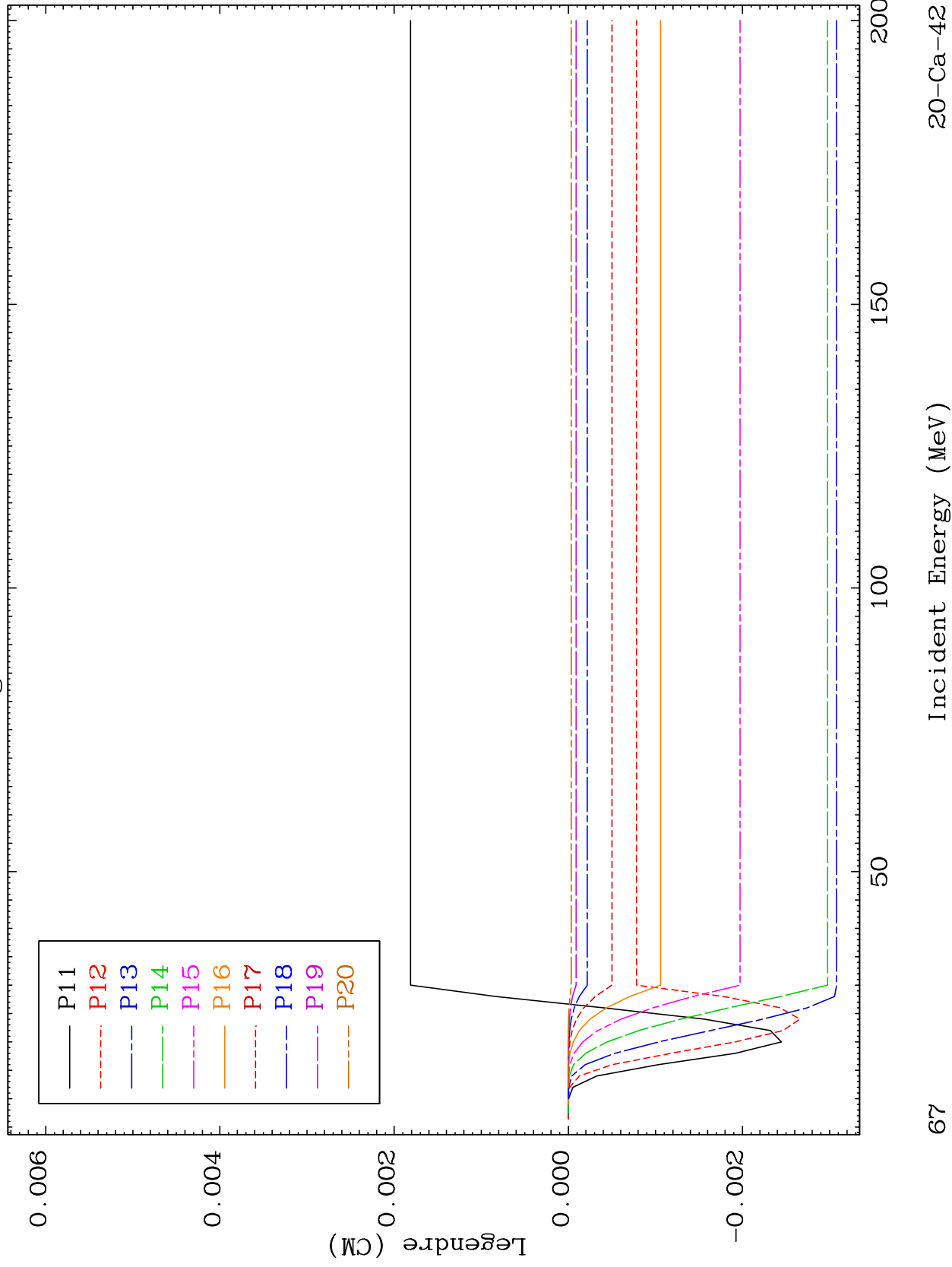


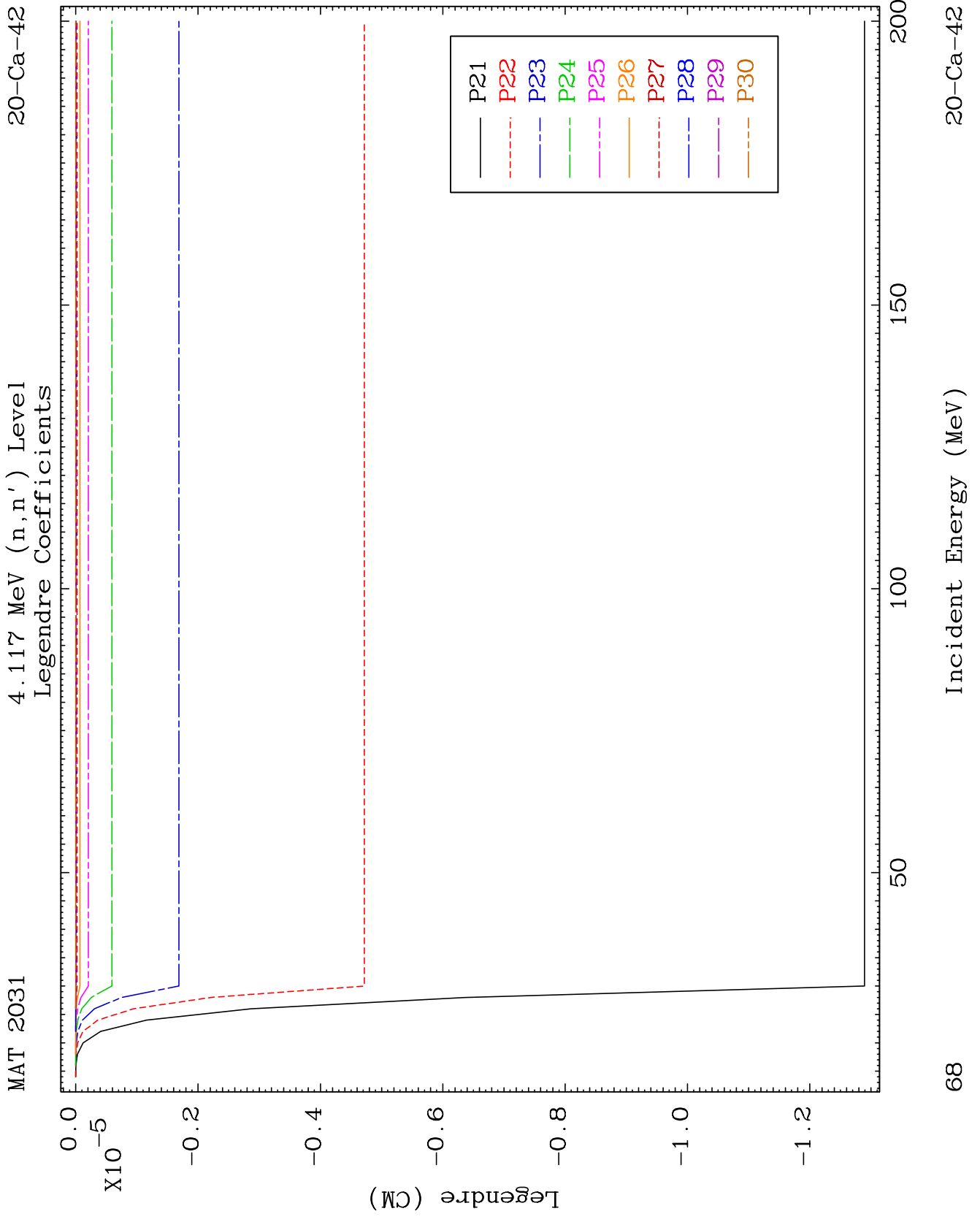


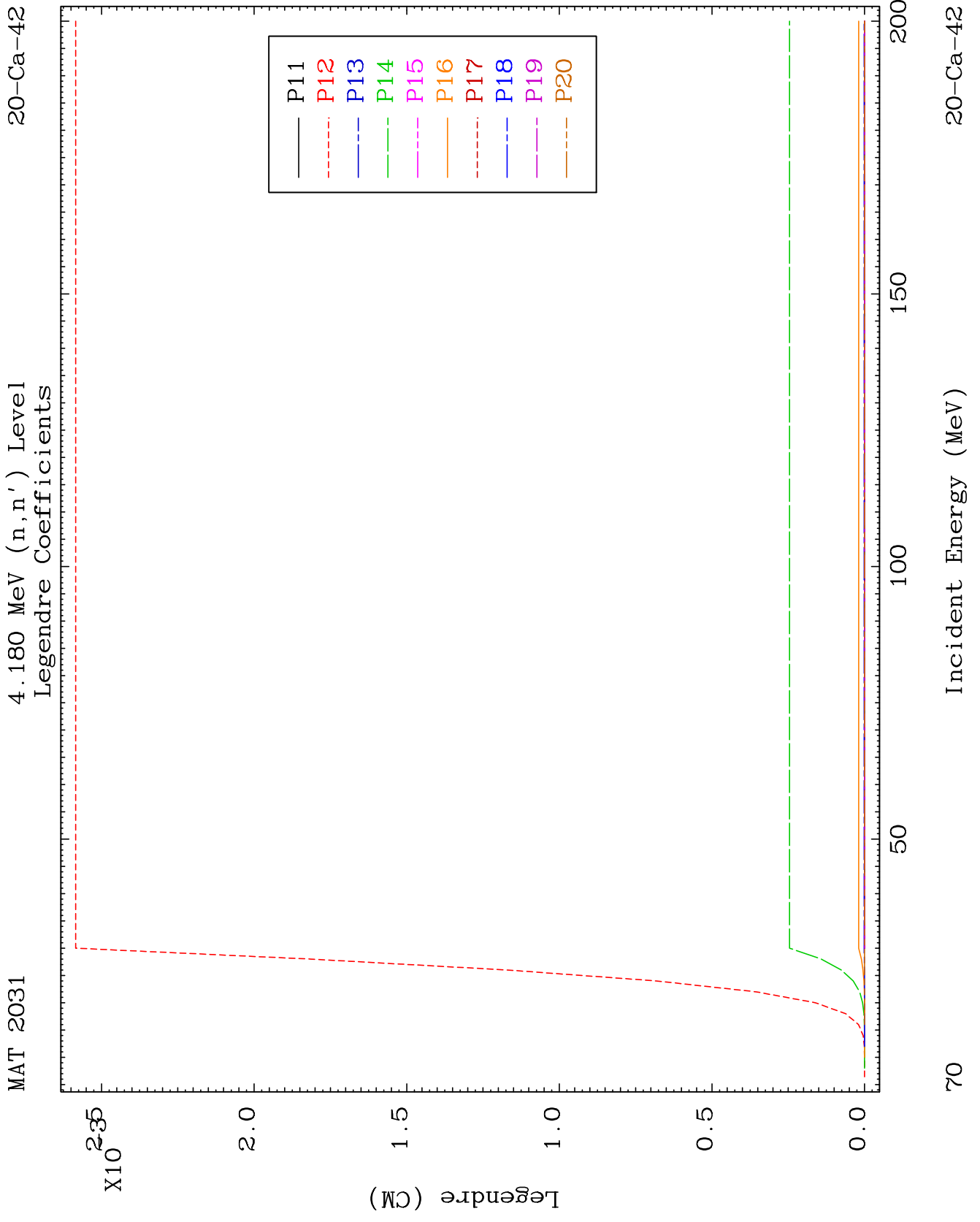


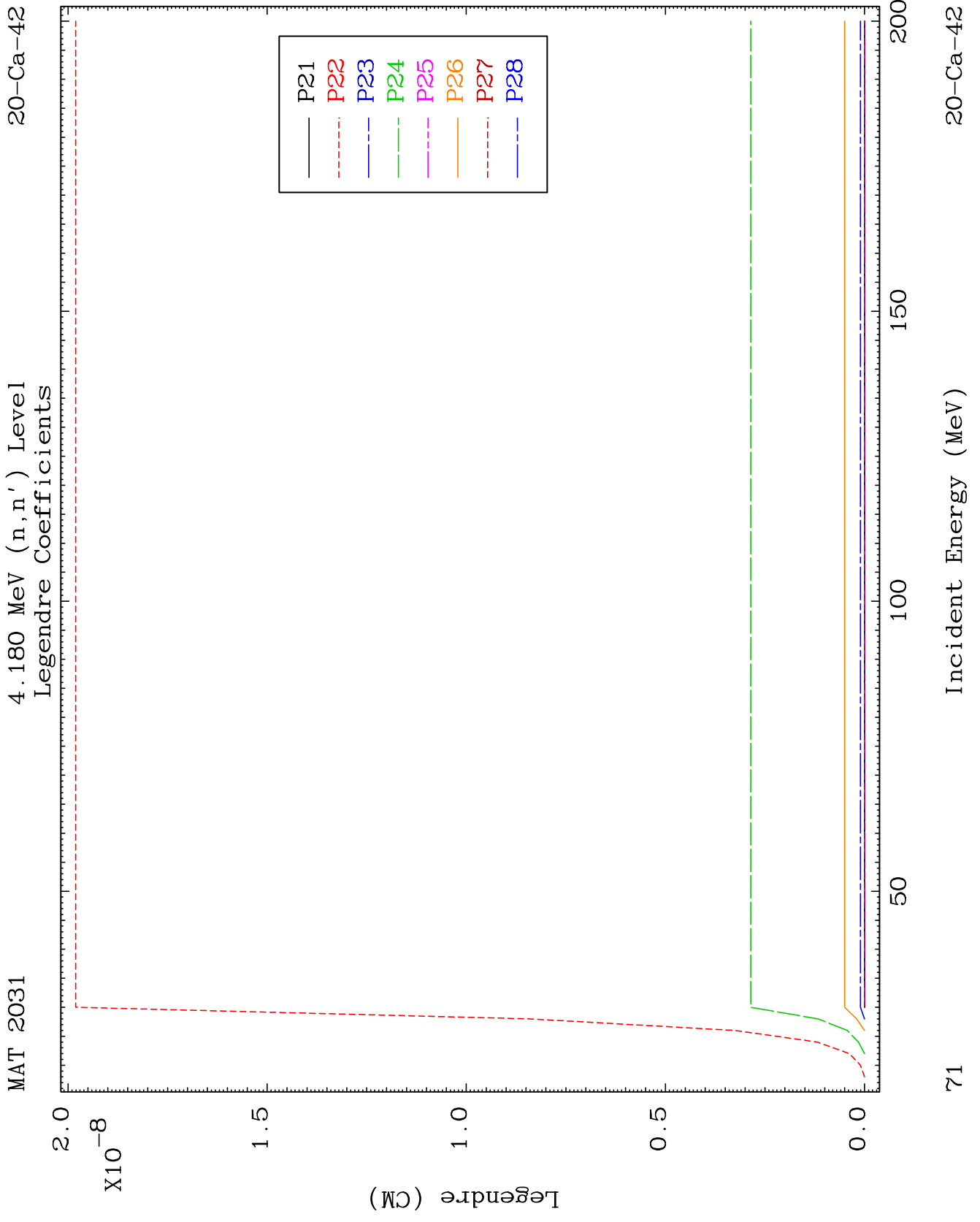


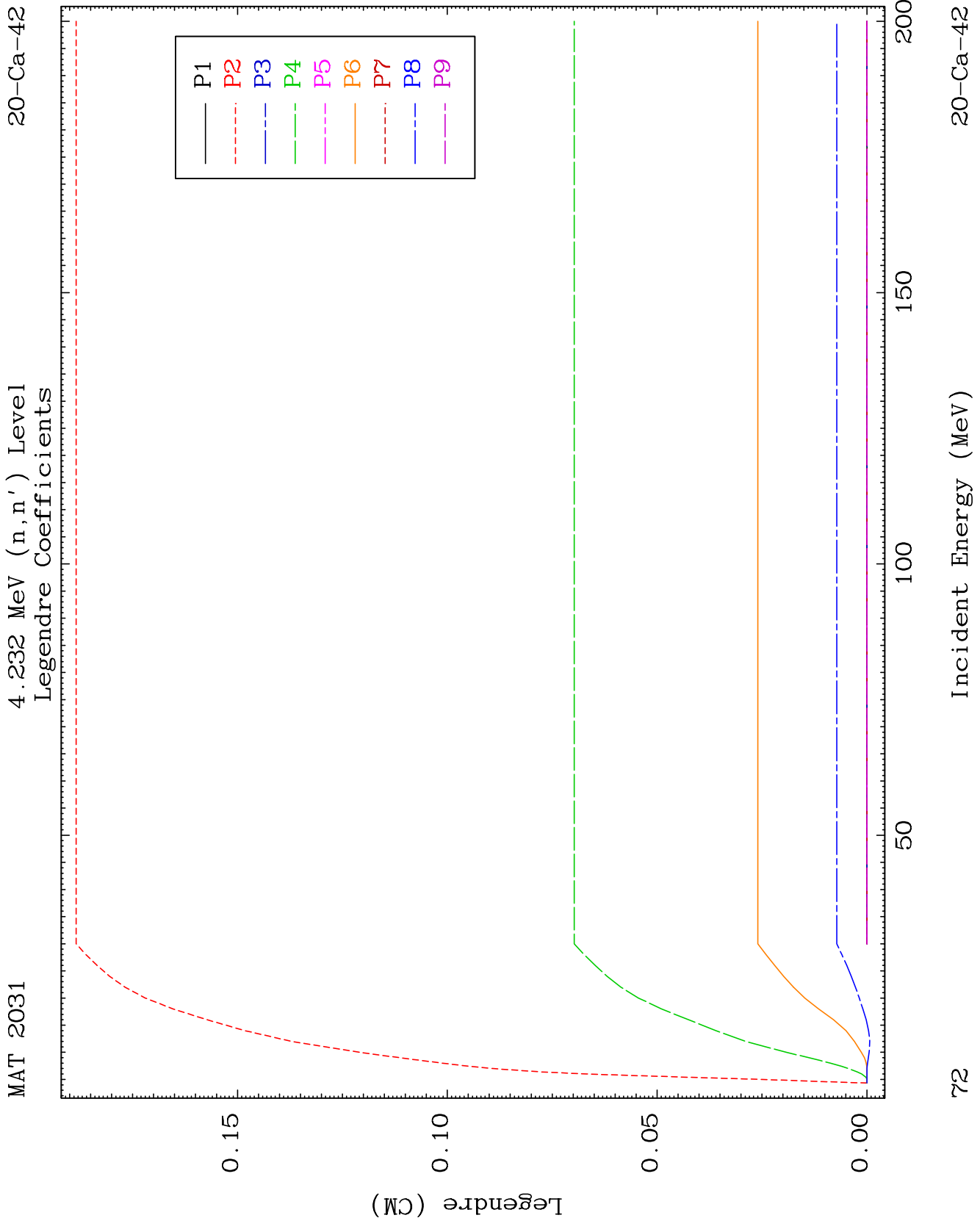








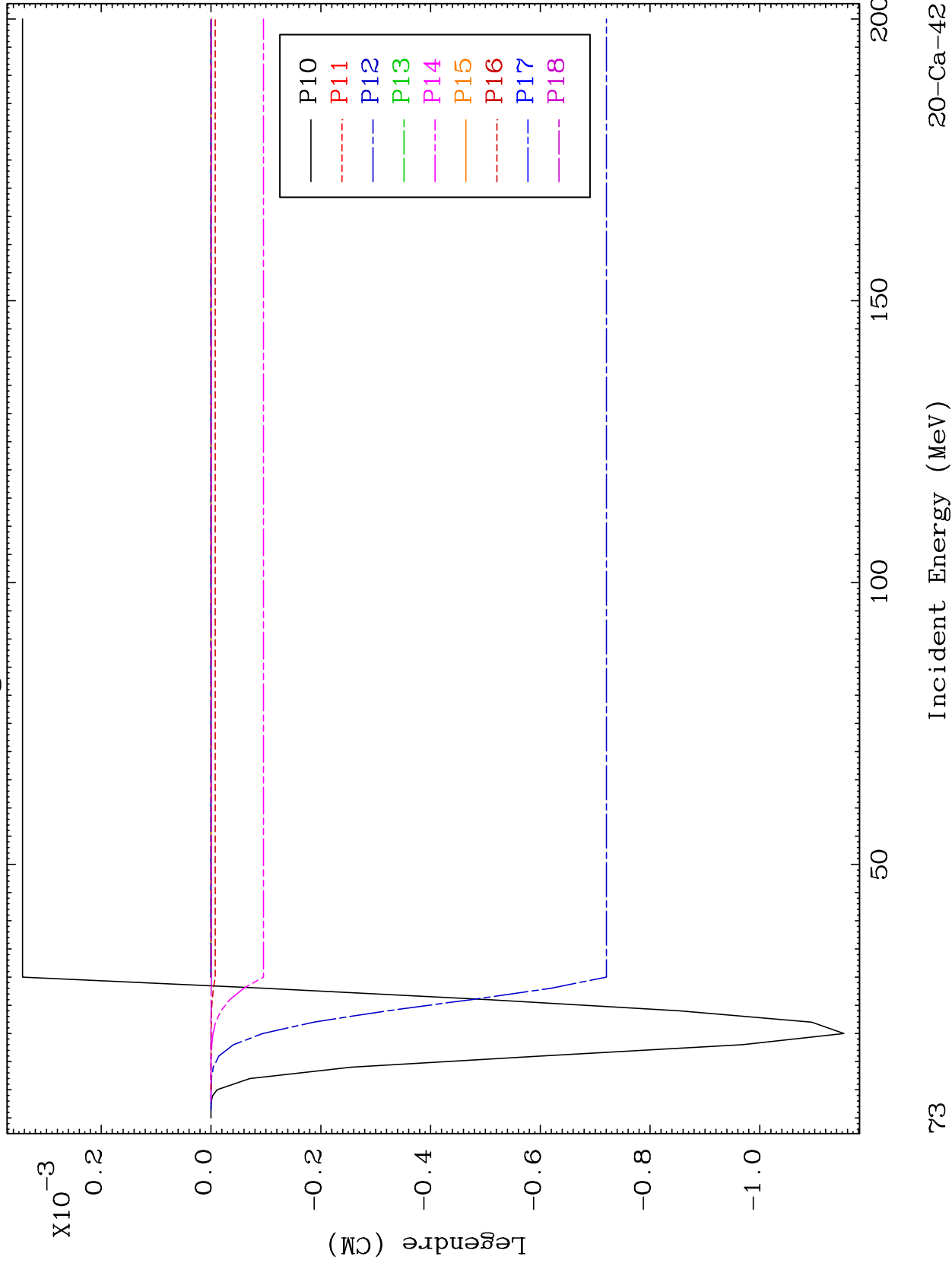




MAT 2031

4.232 MeV (n,n') Level
Legendre Coefficients

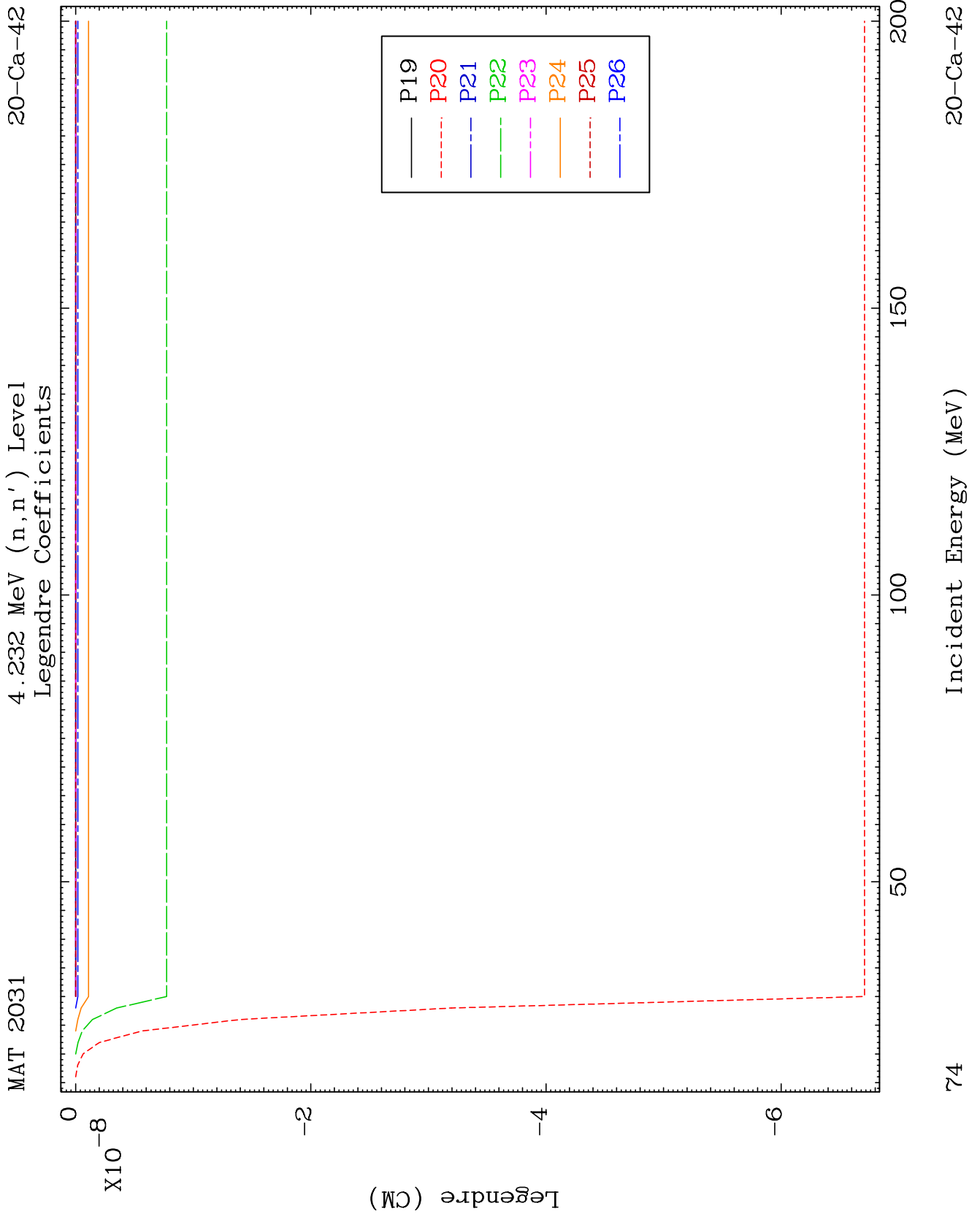
20-Ca-42

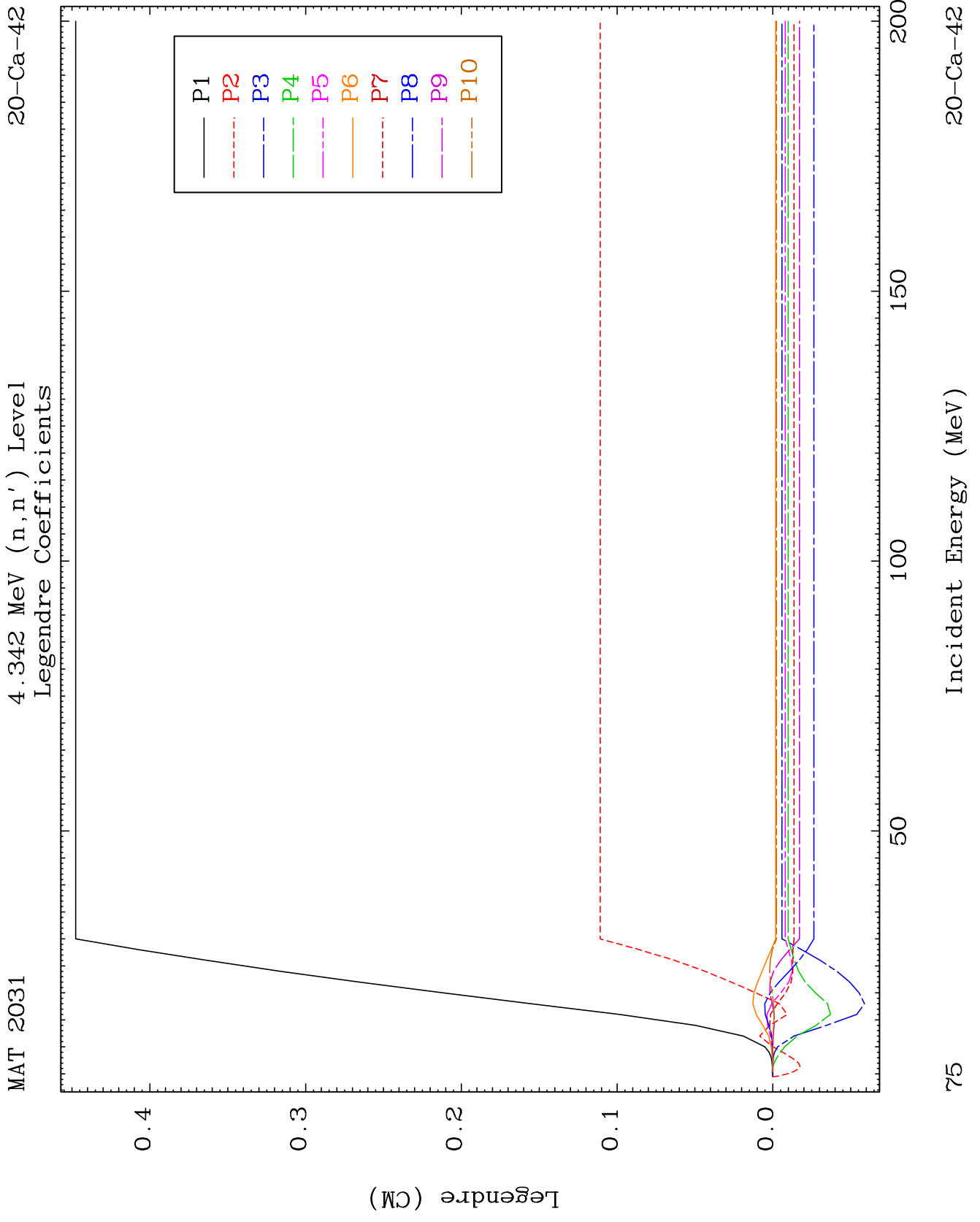


73

Incident Energy (MeV)

20-Ca-42

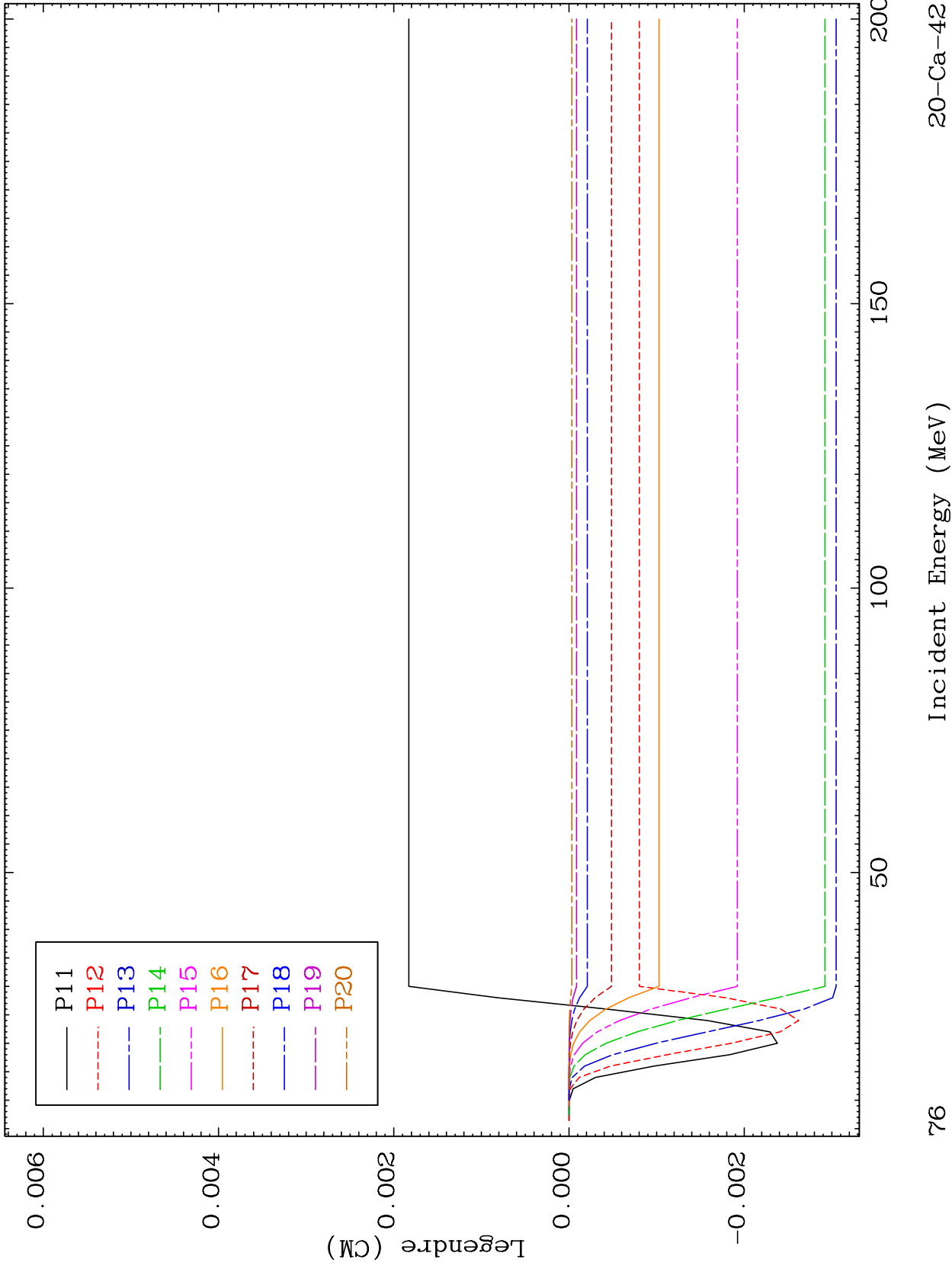


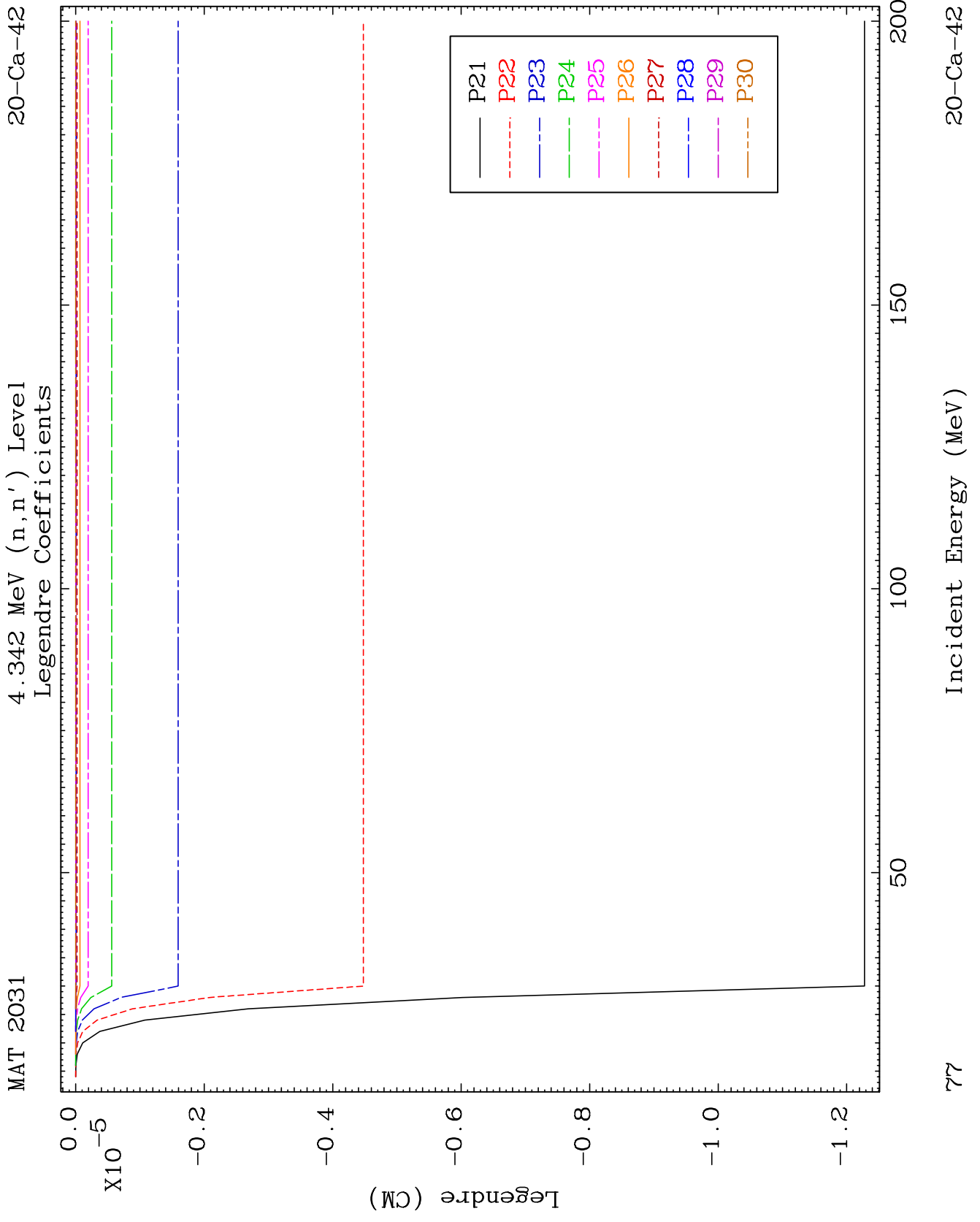


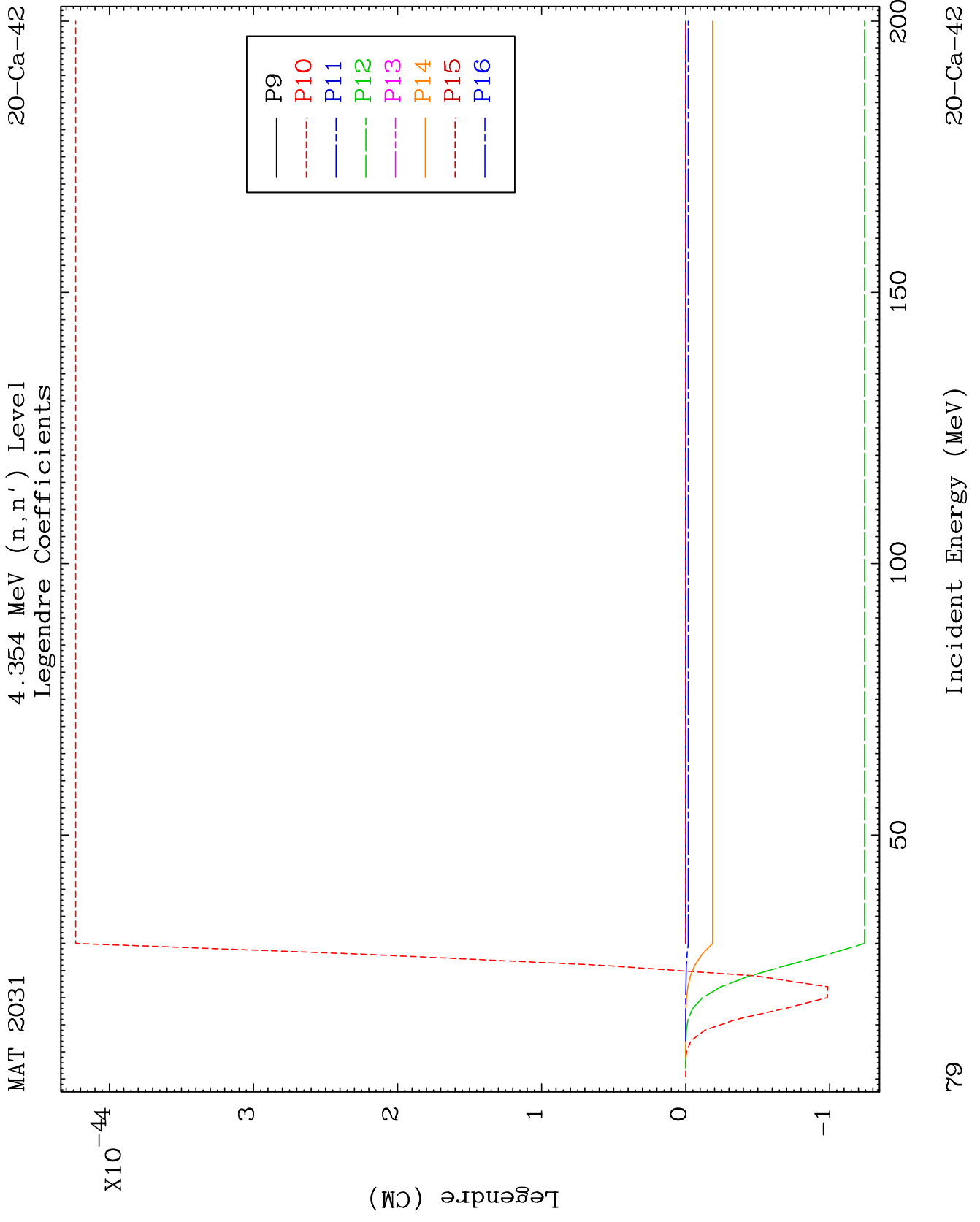
MAT 2031

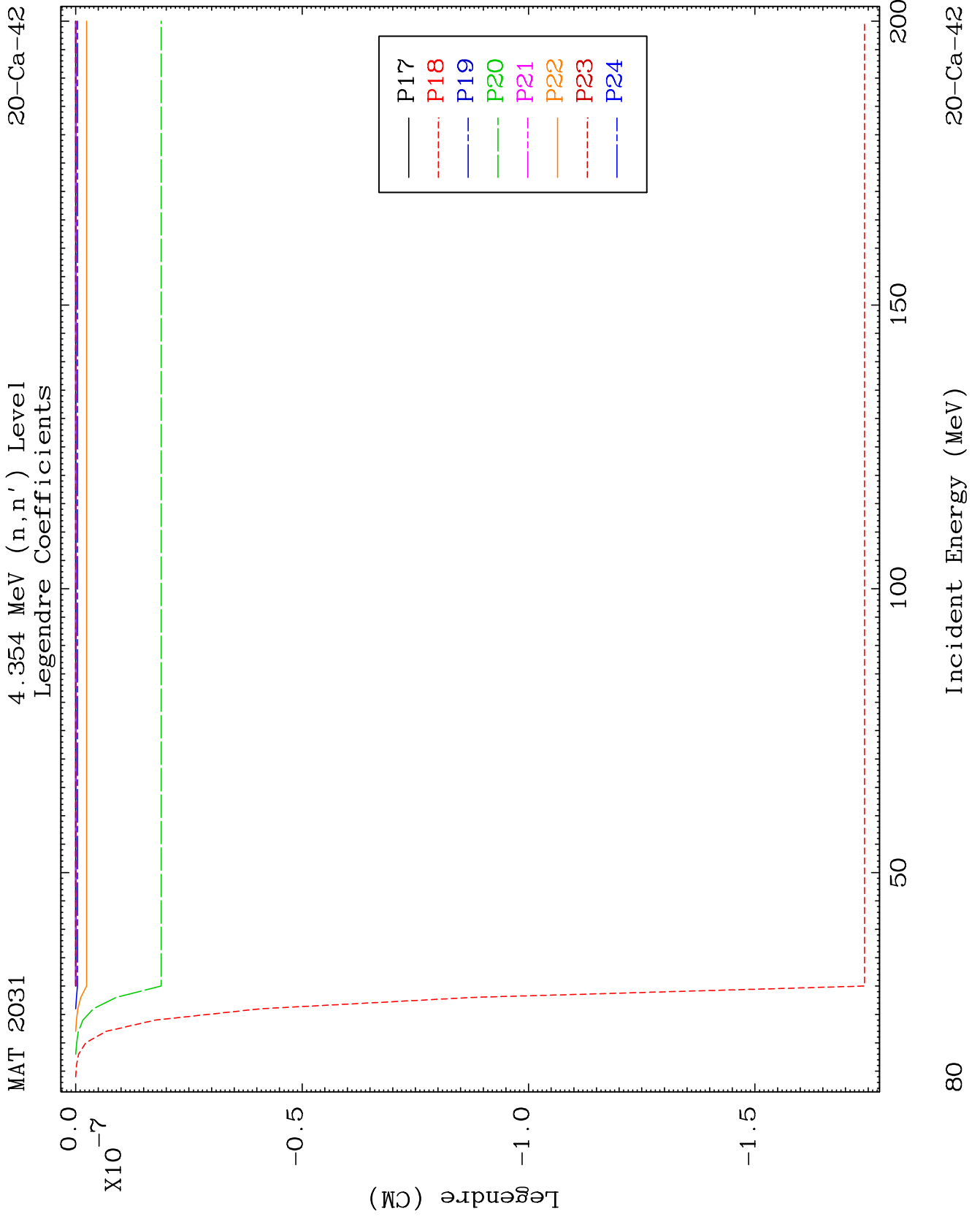
4.342 MeV (n,n') Level
Legendre Coefficients

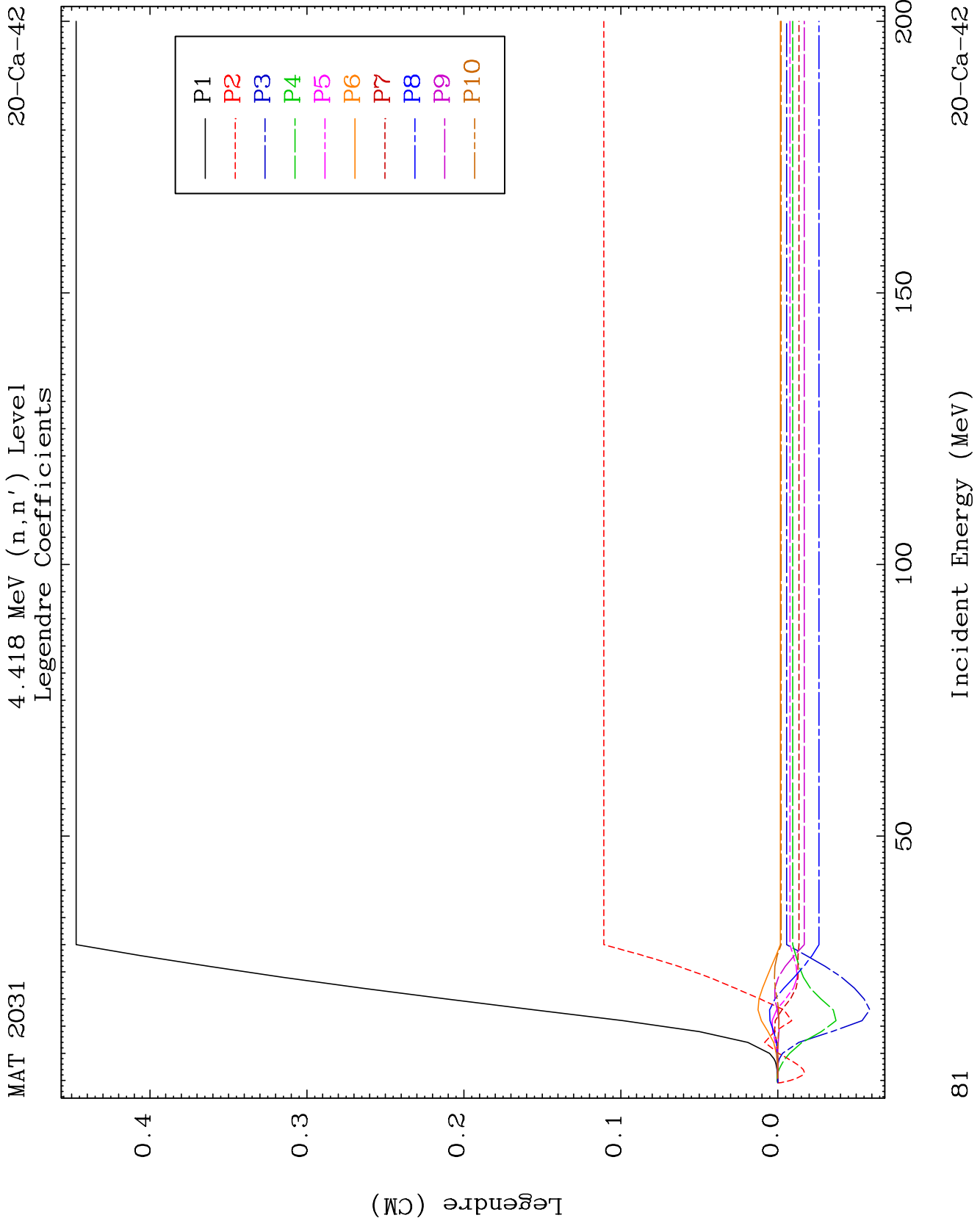
20-Ca-42

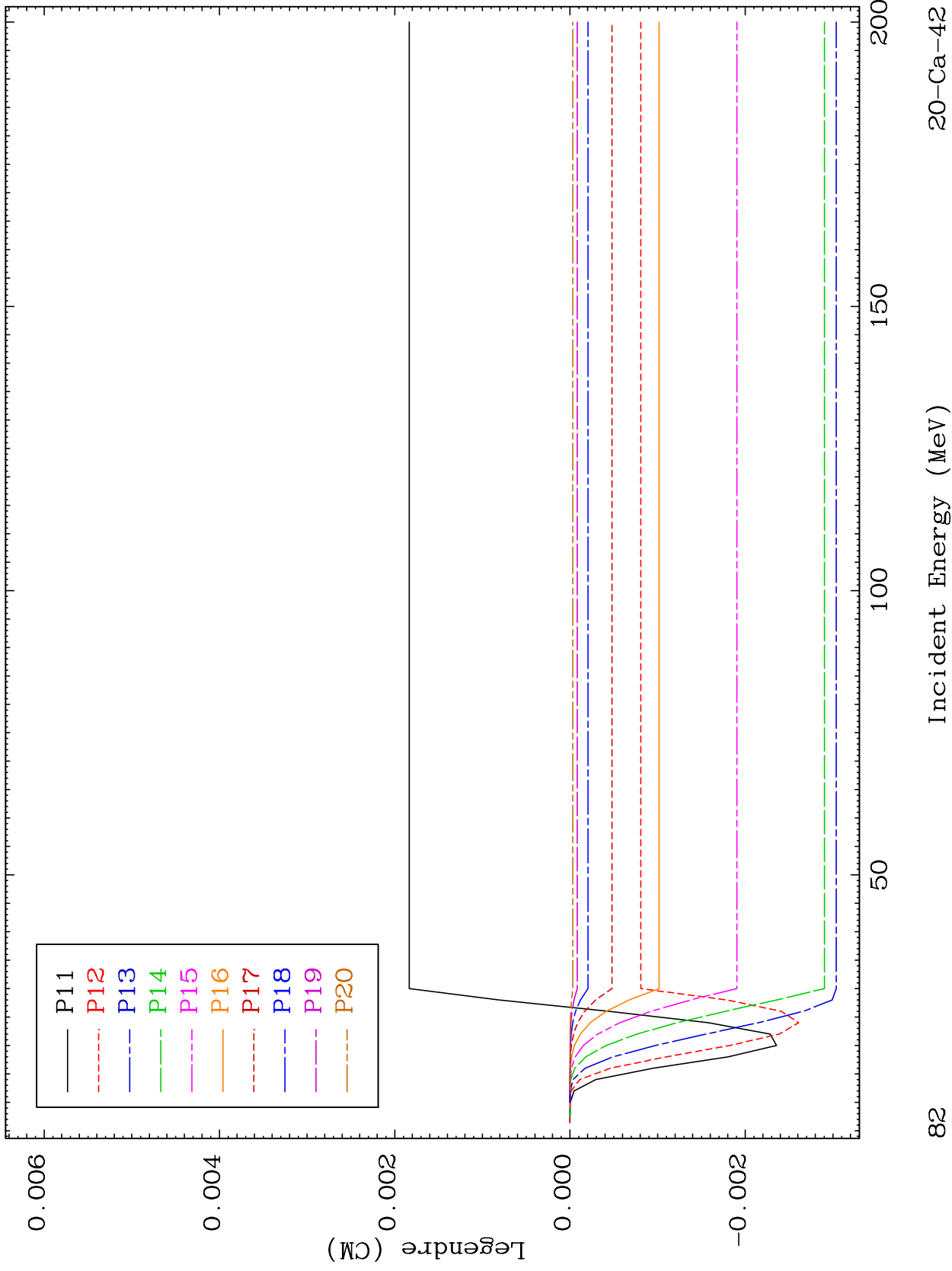


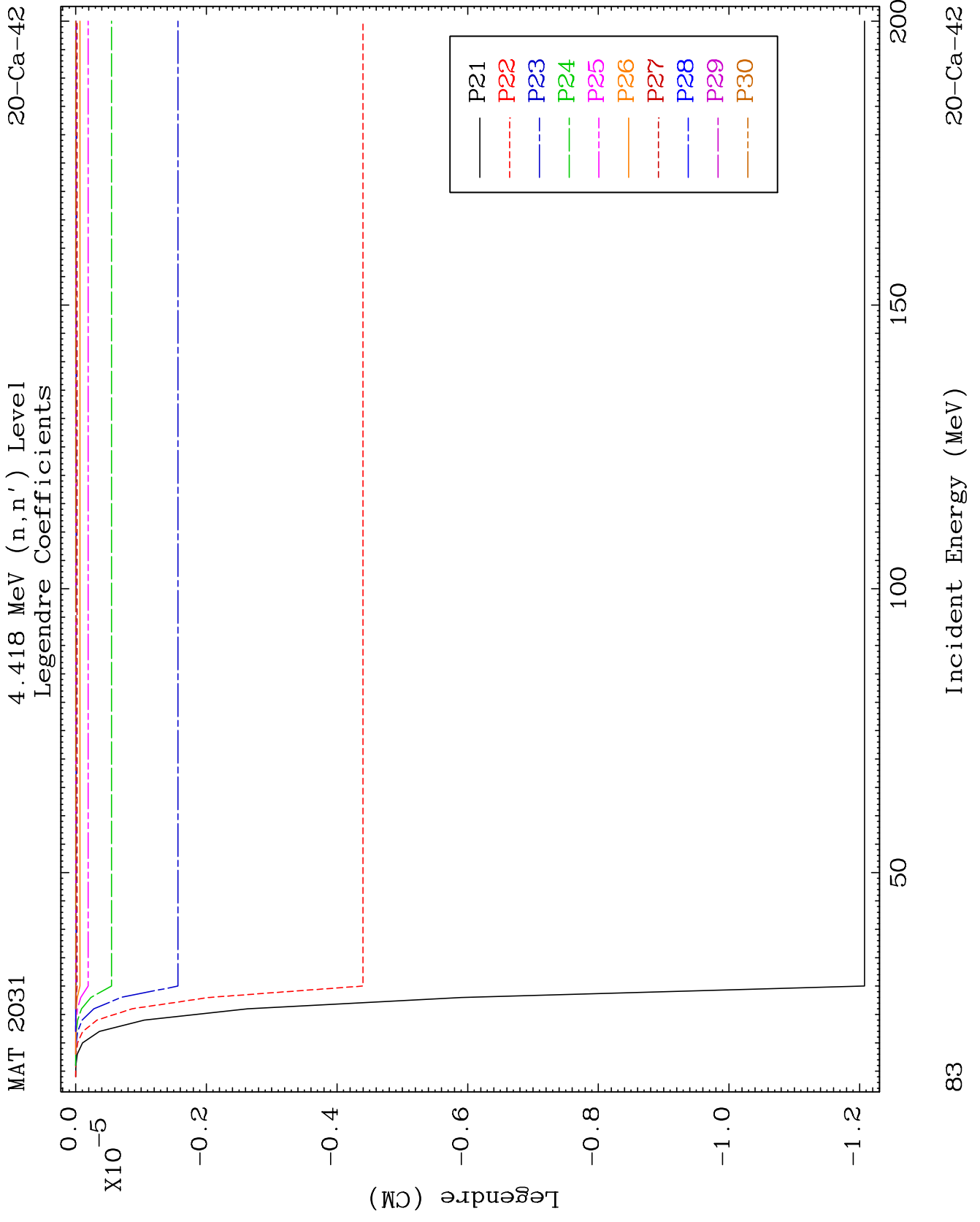


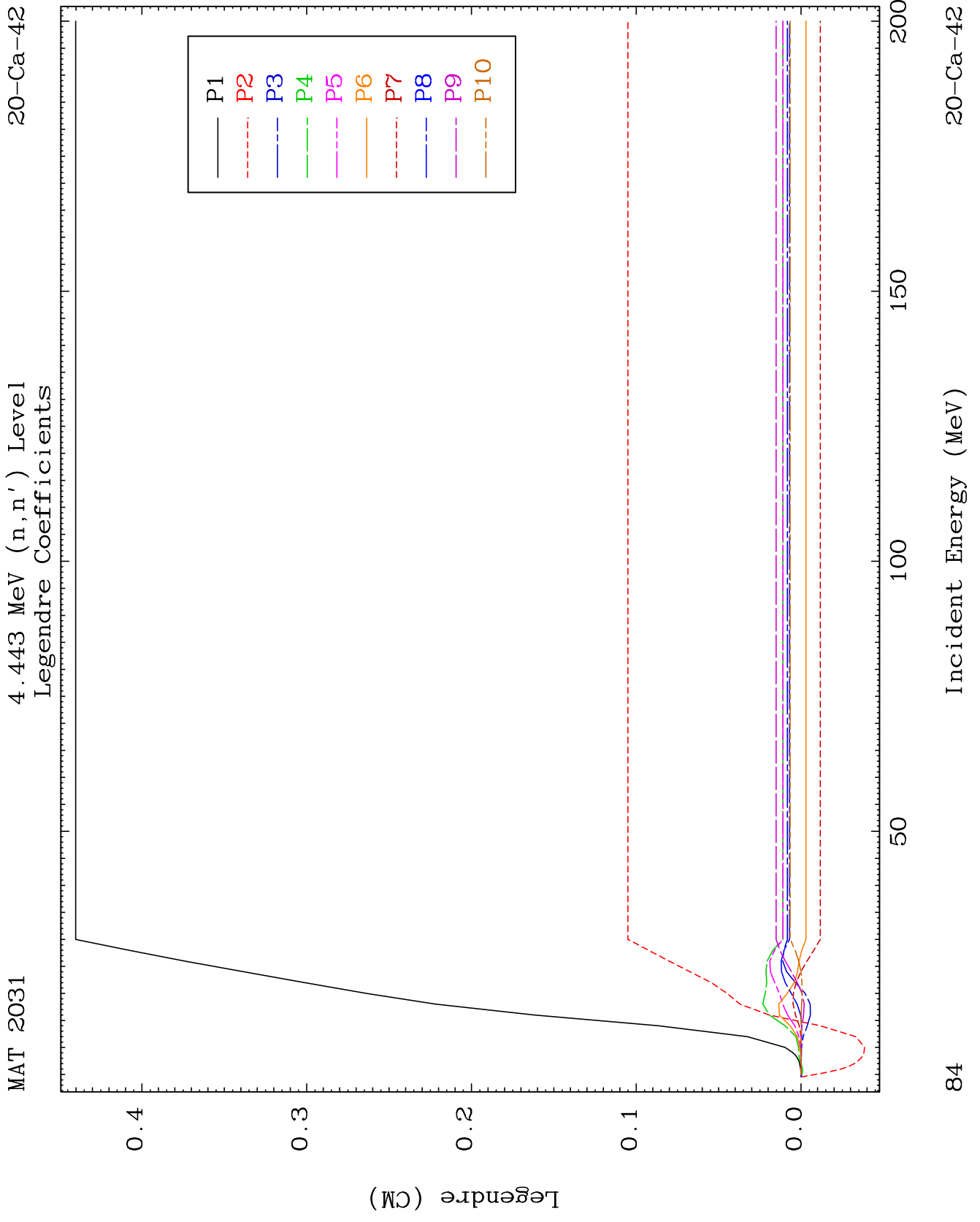


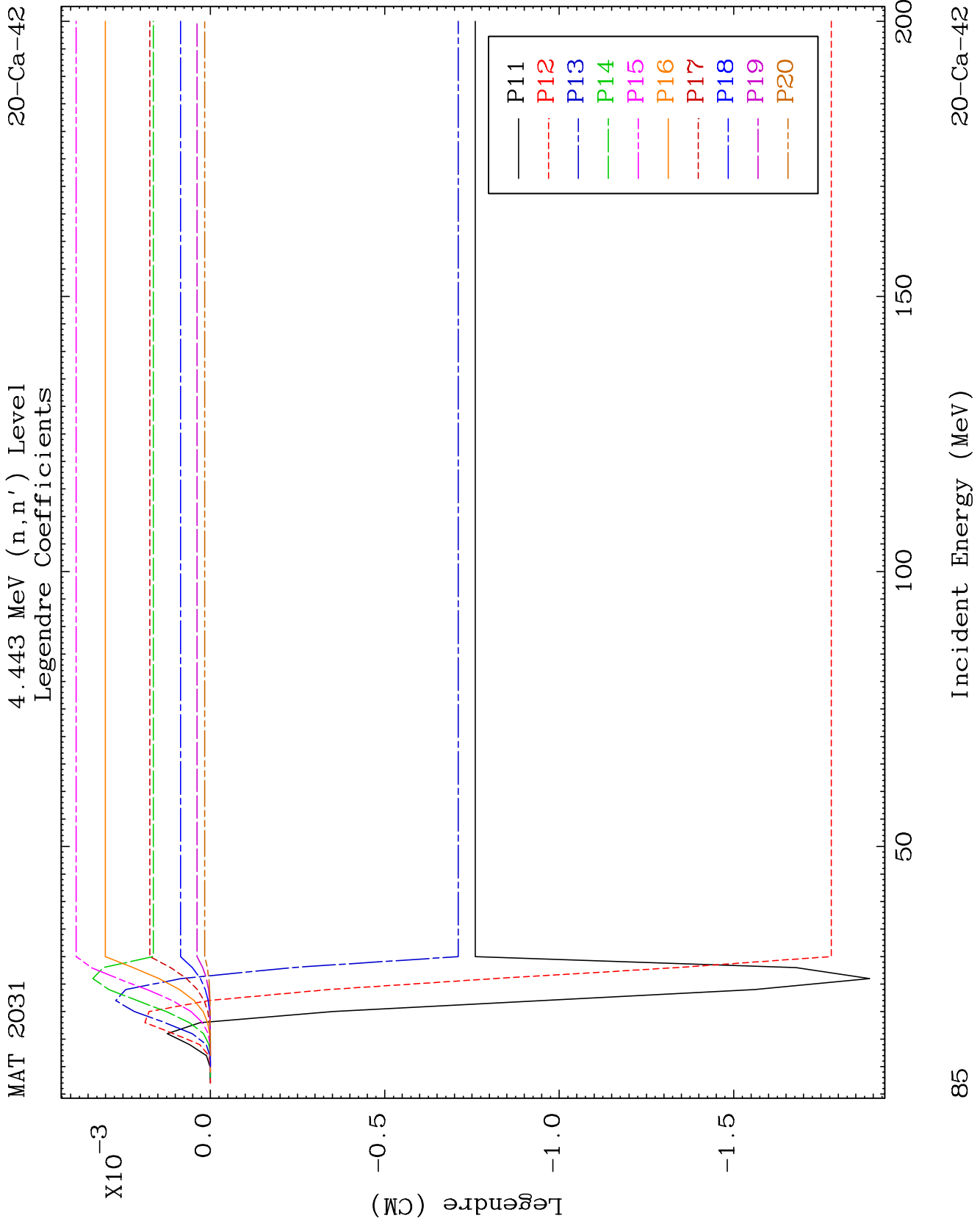


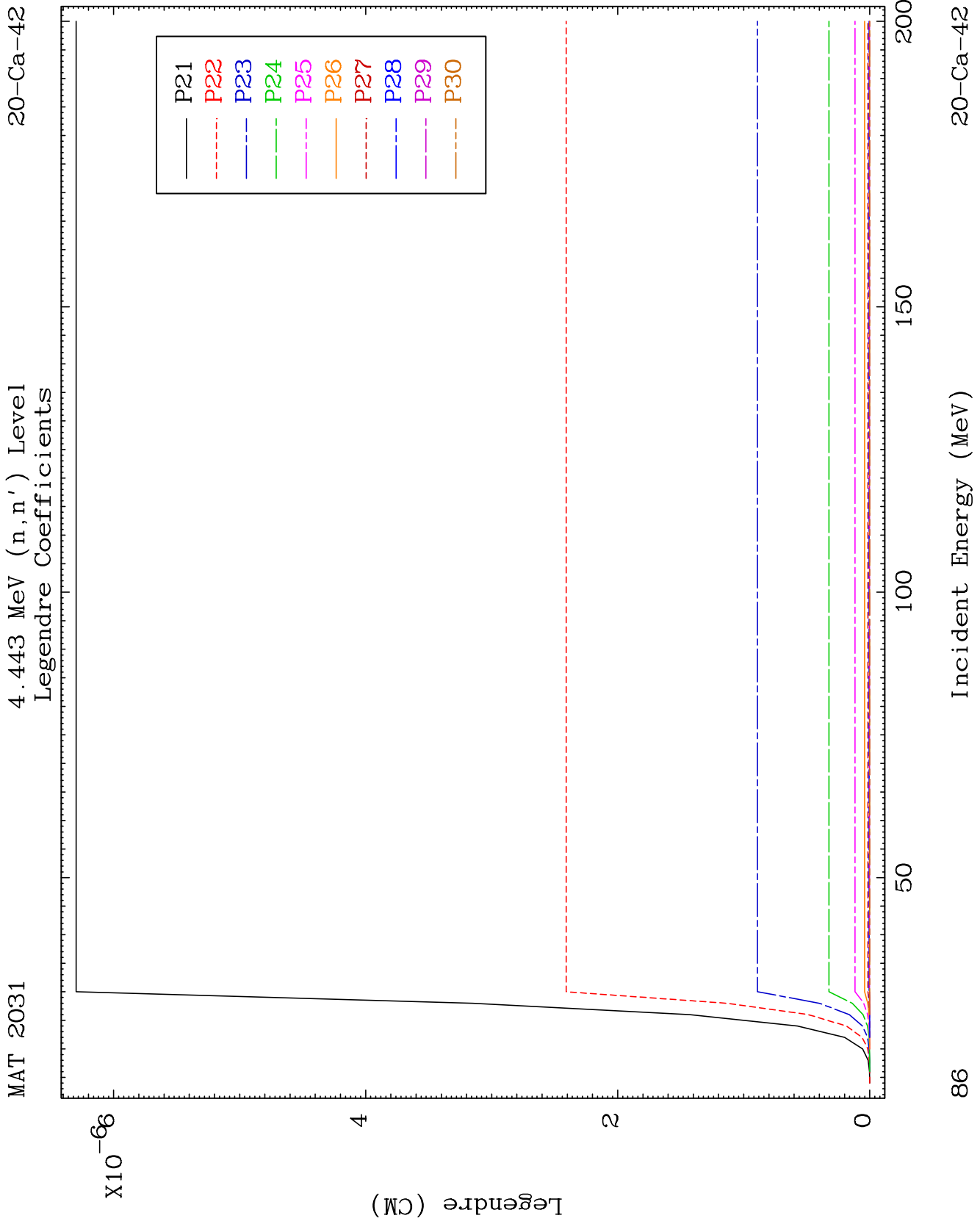


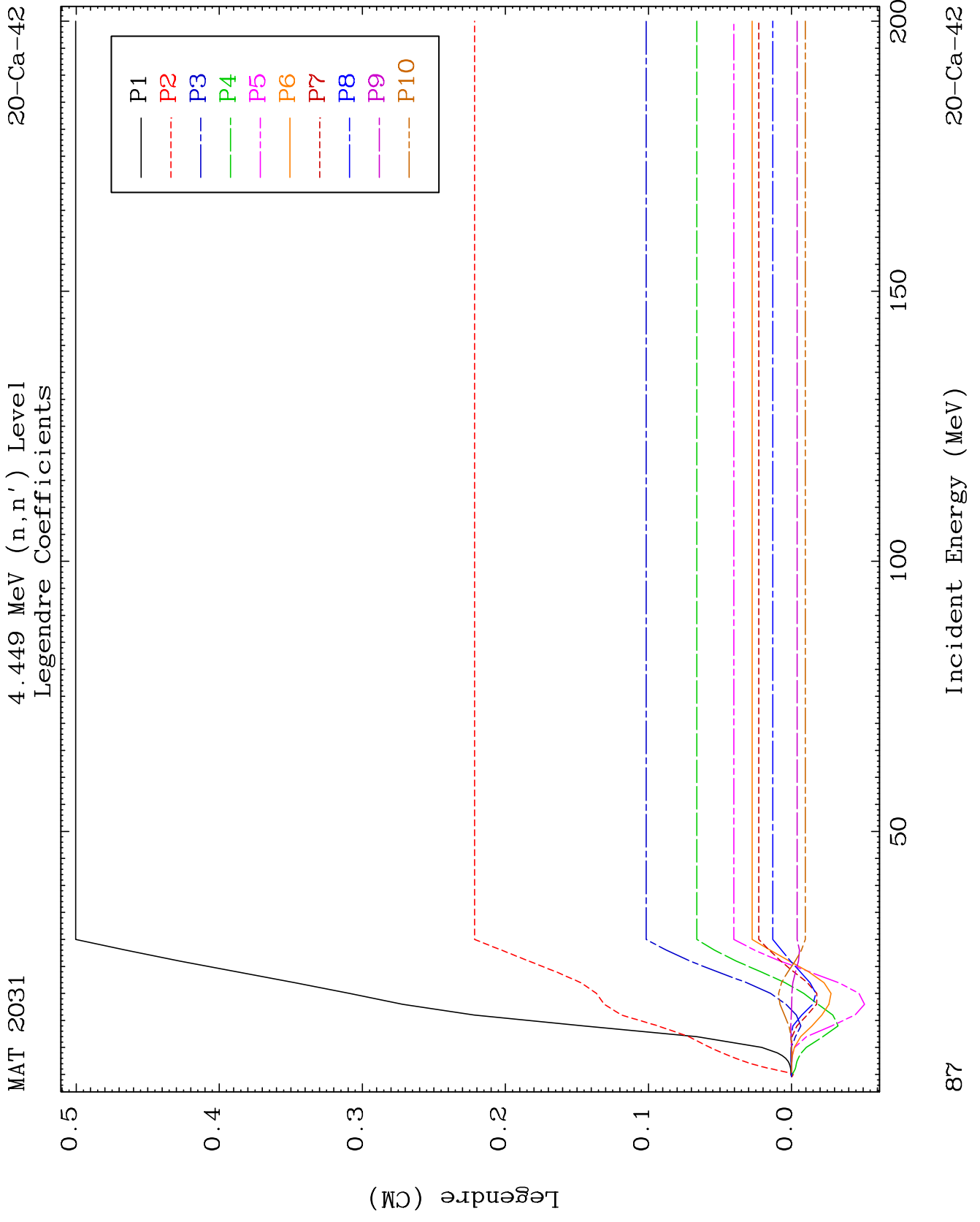








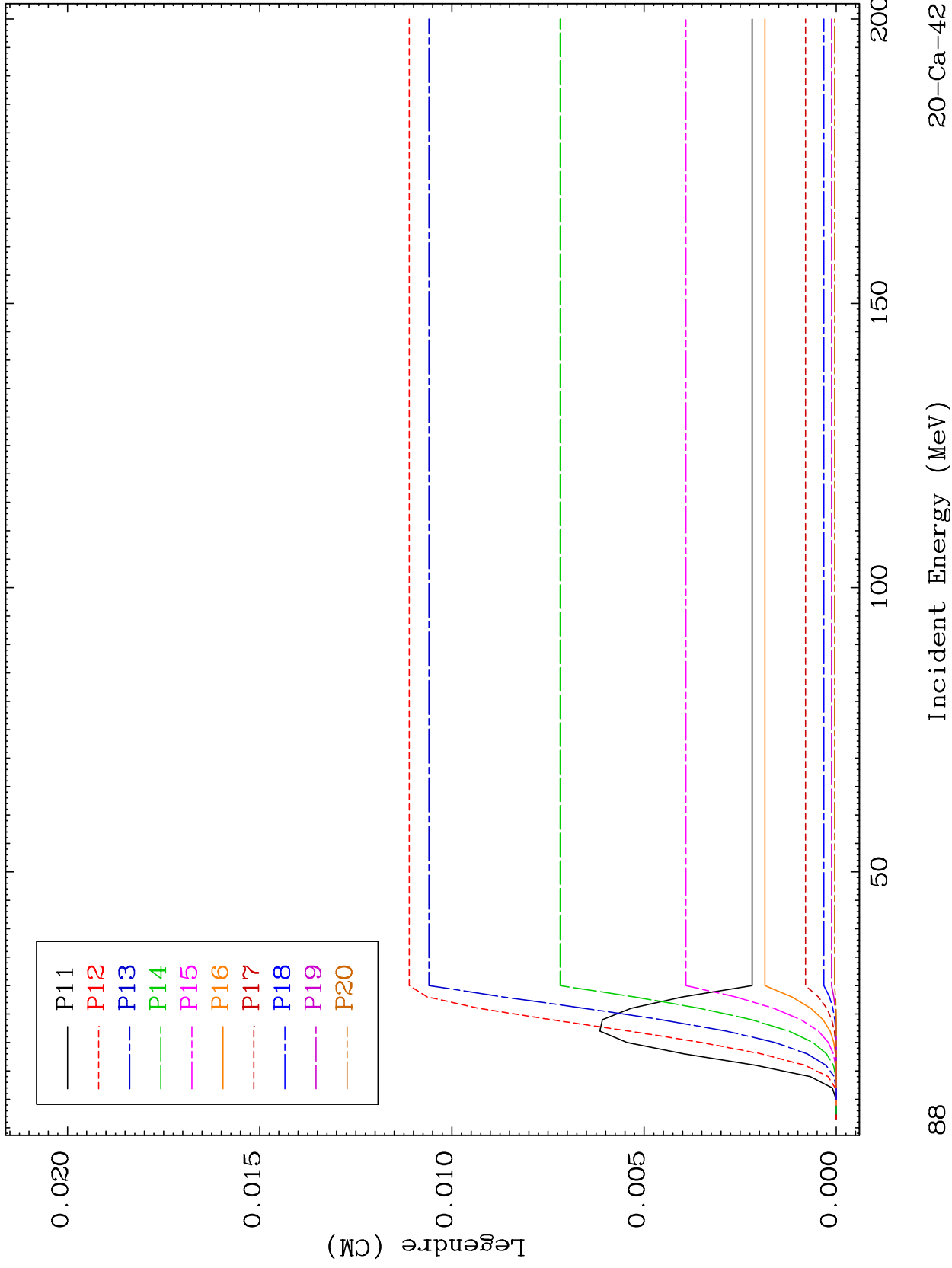


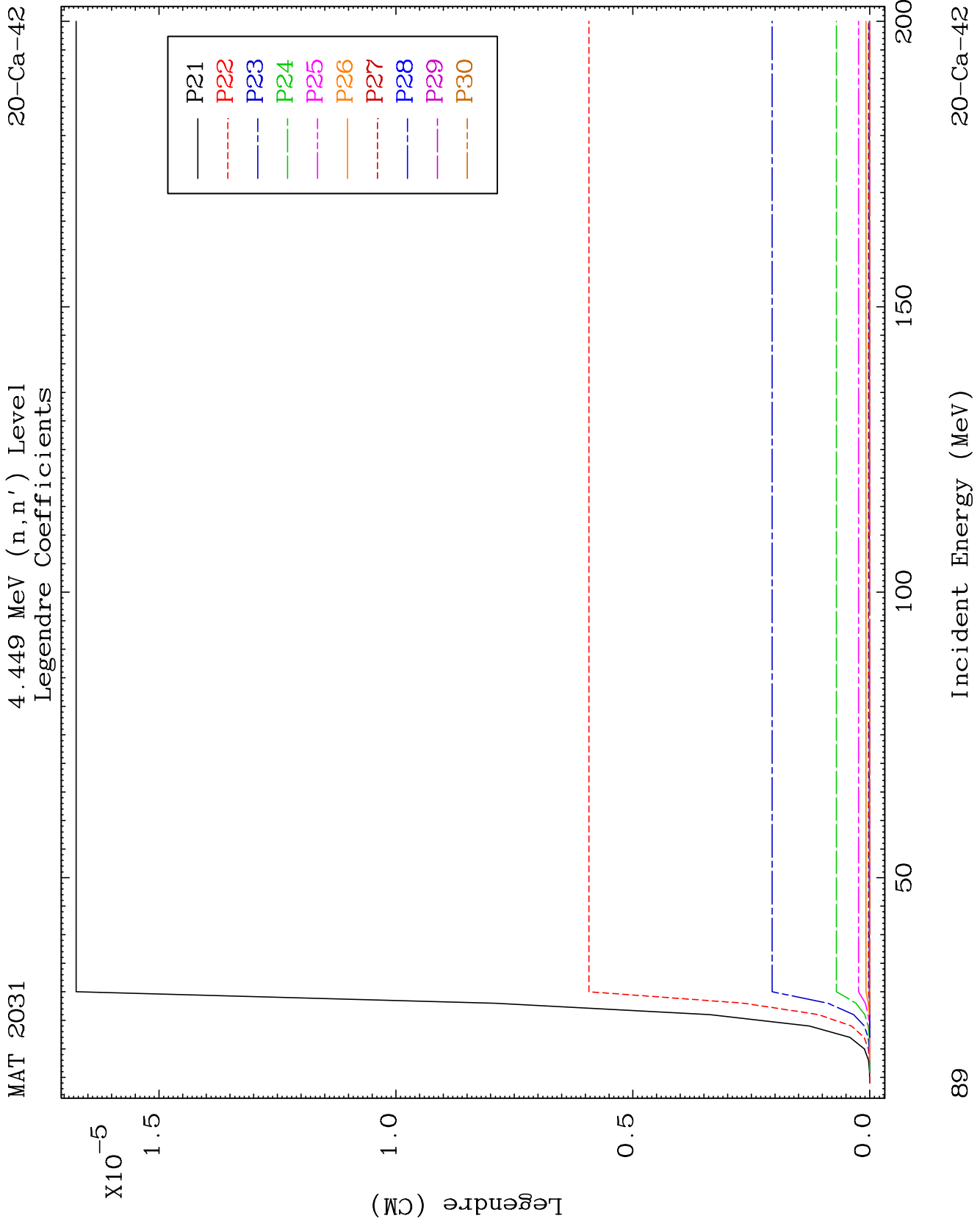


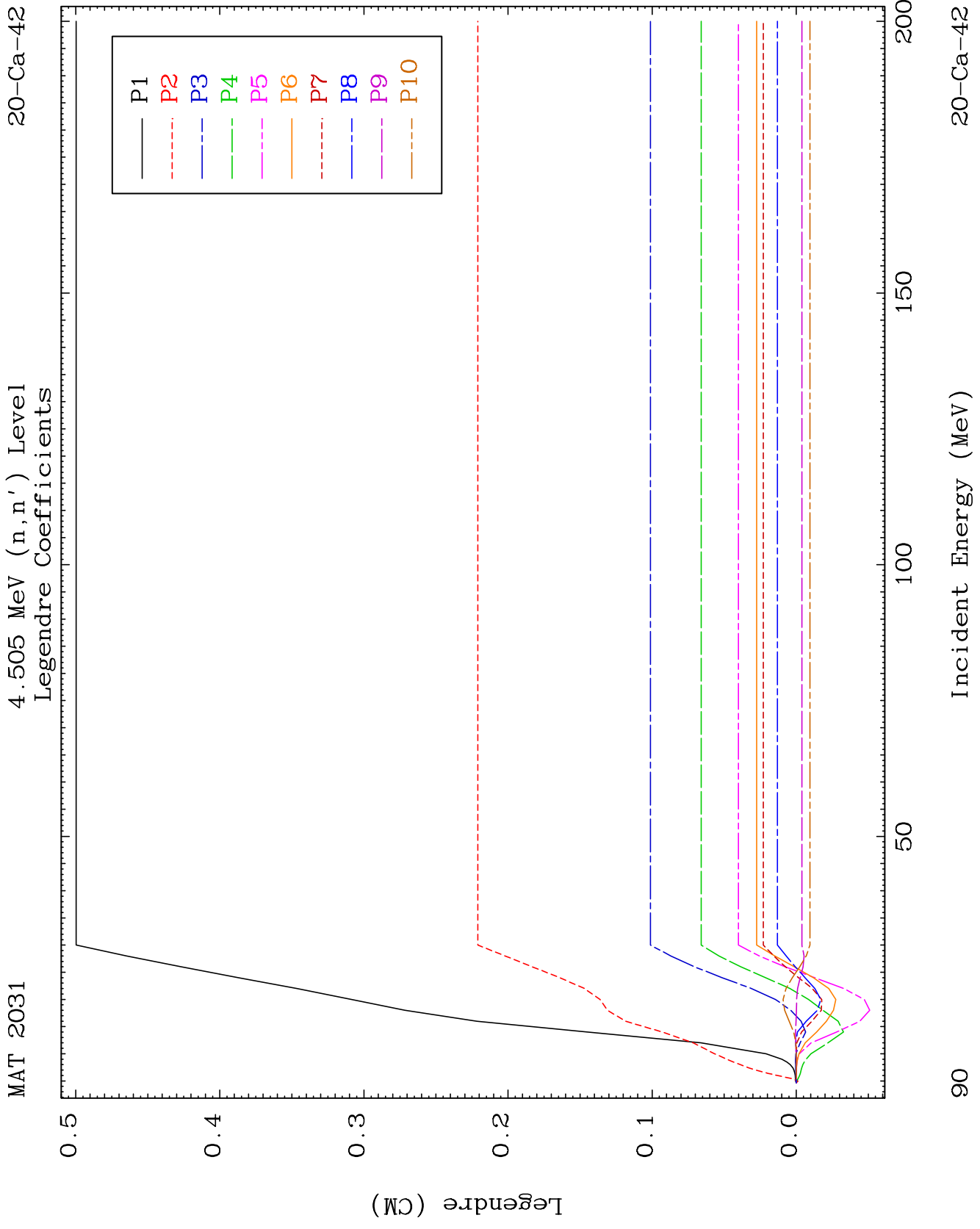
MAT 2031

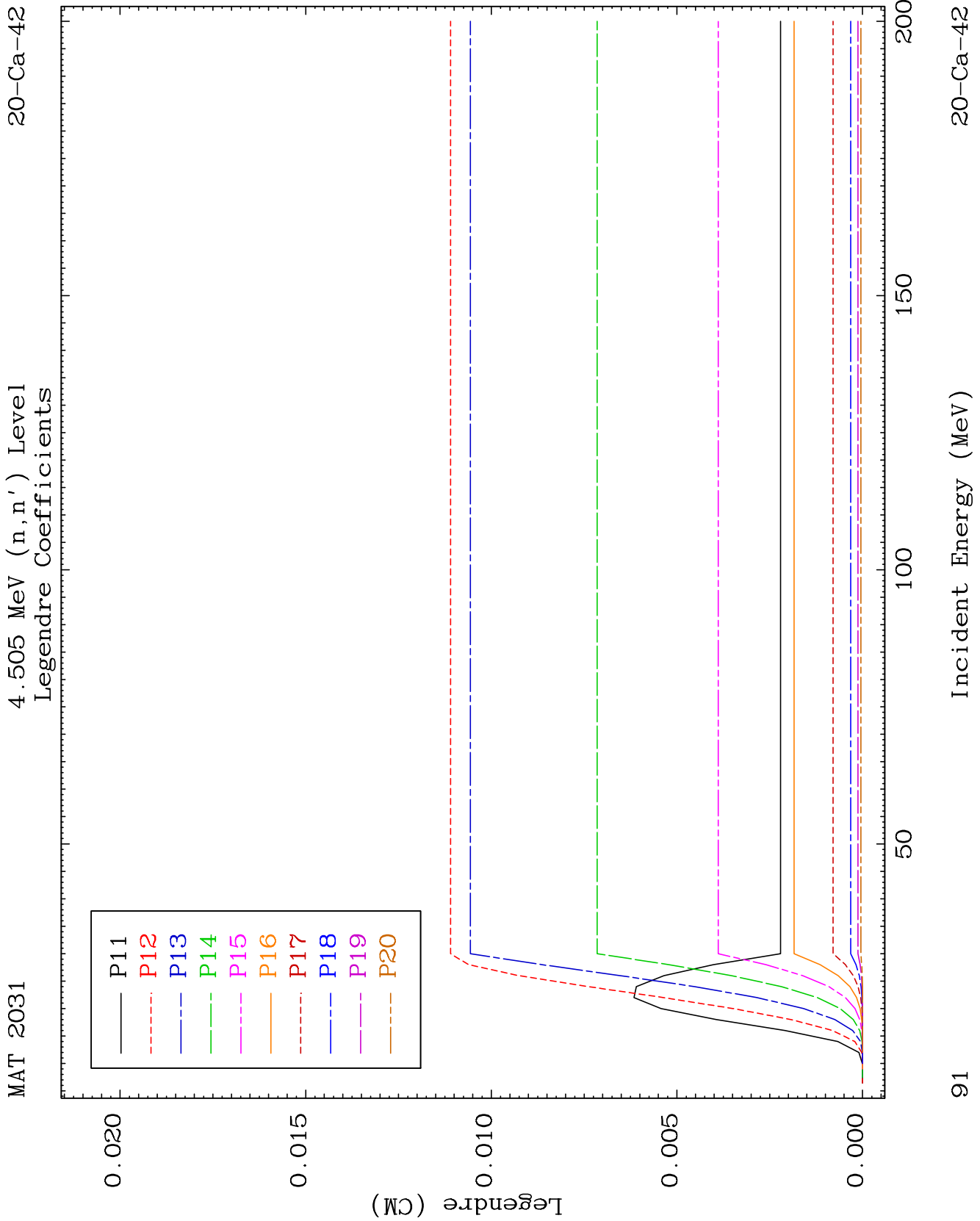
4.449 MeV (n,n') Level
Legendre Coefficients

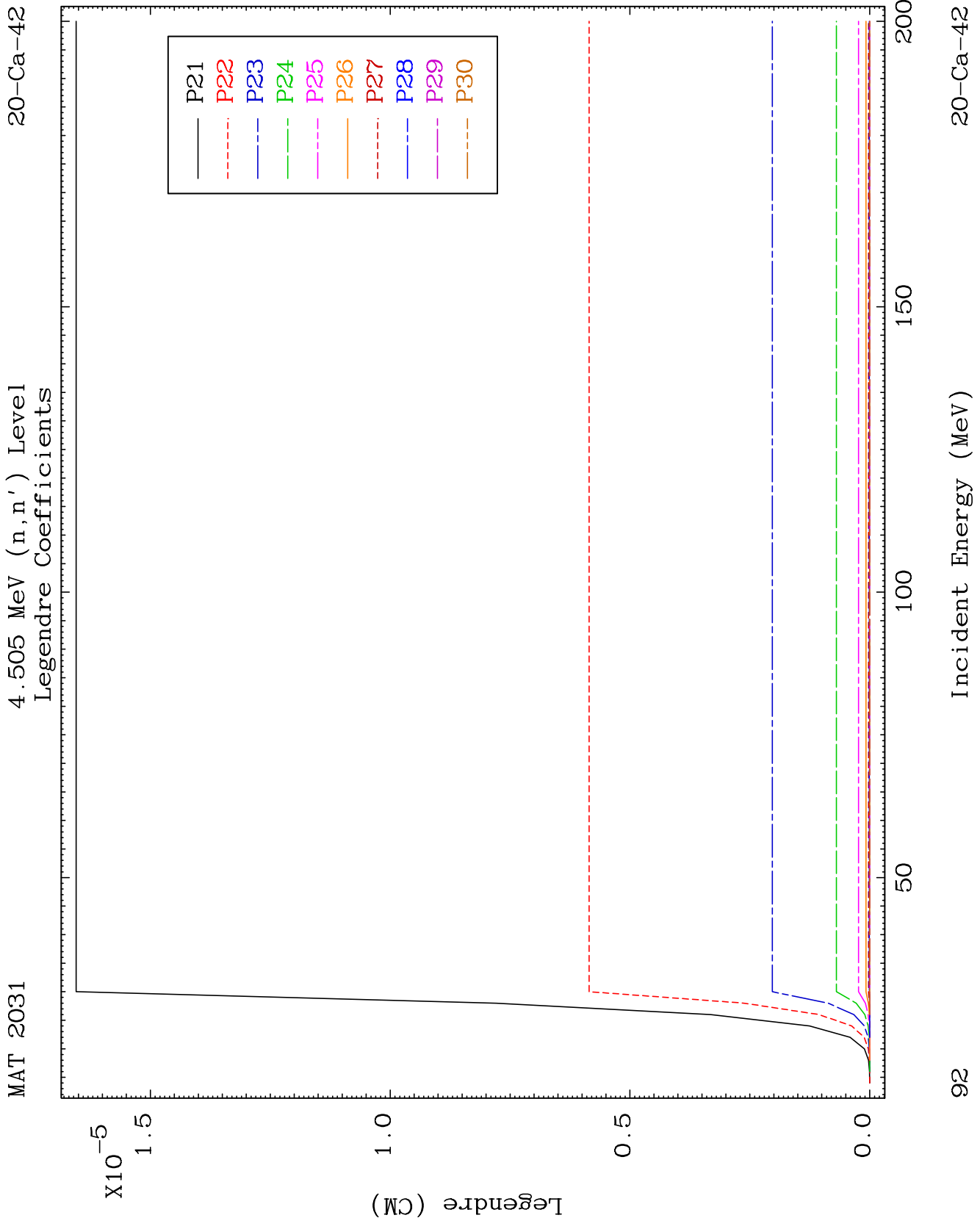
20-Ca-42

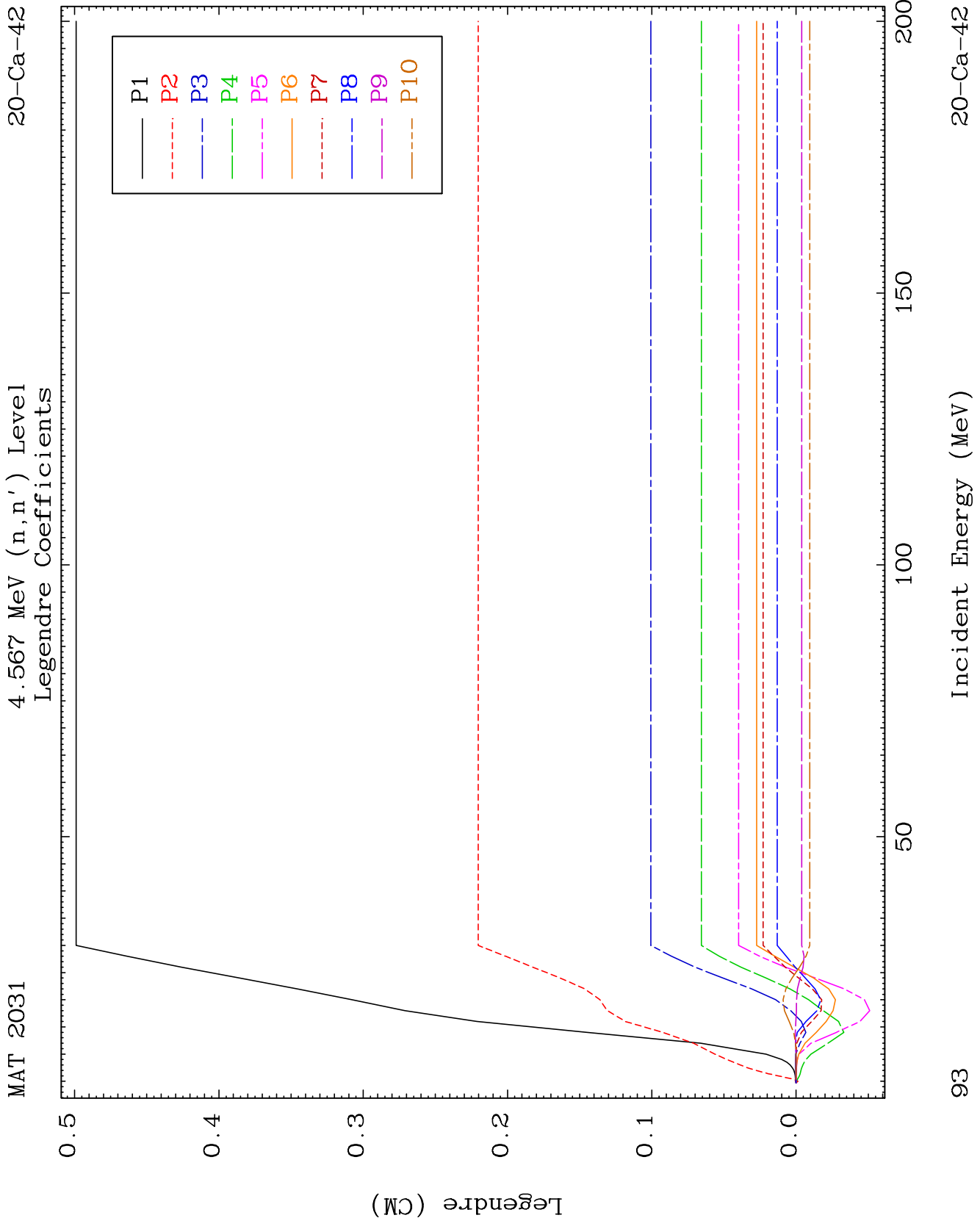








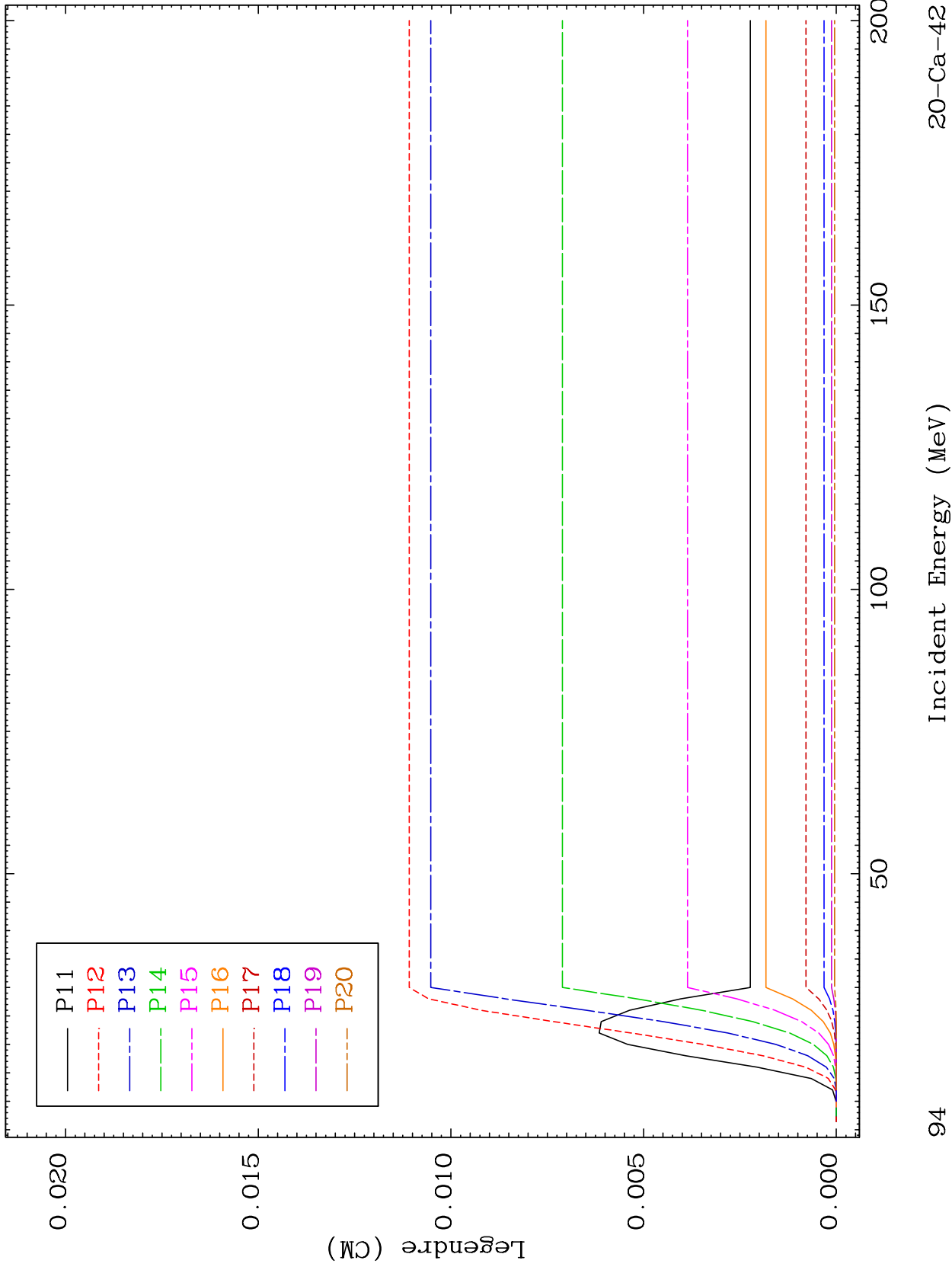




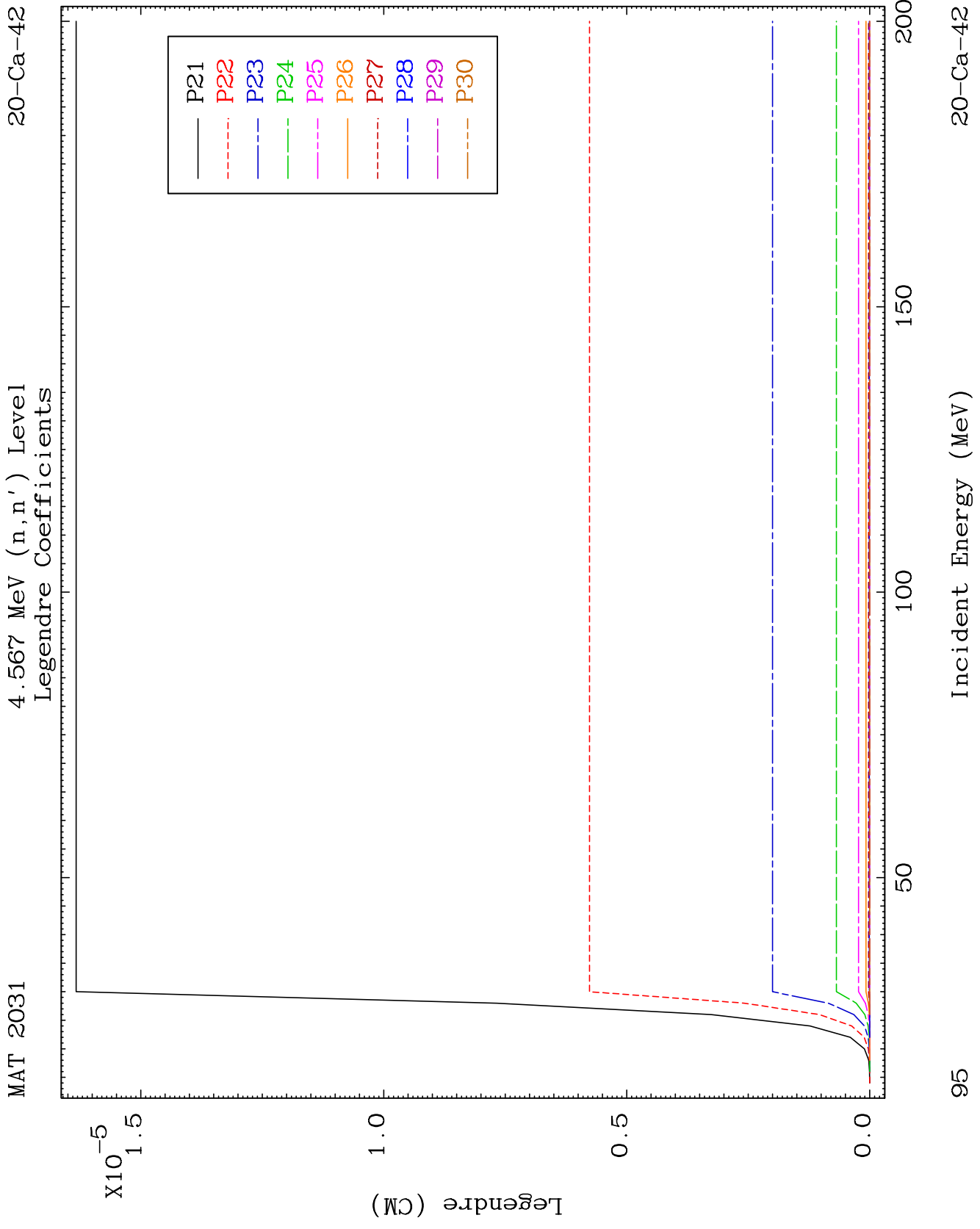
MAT 2031

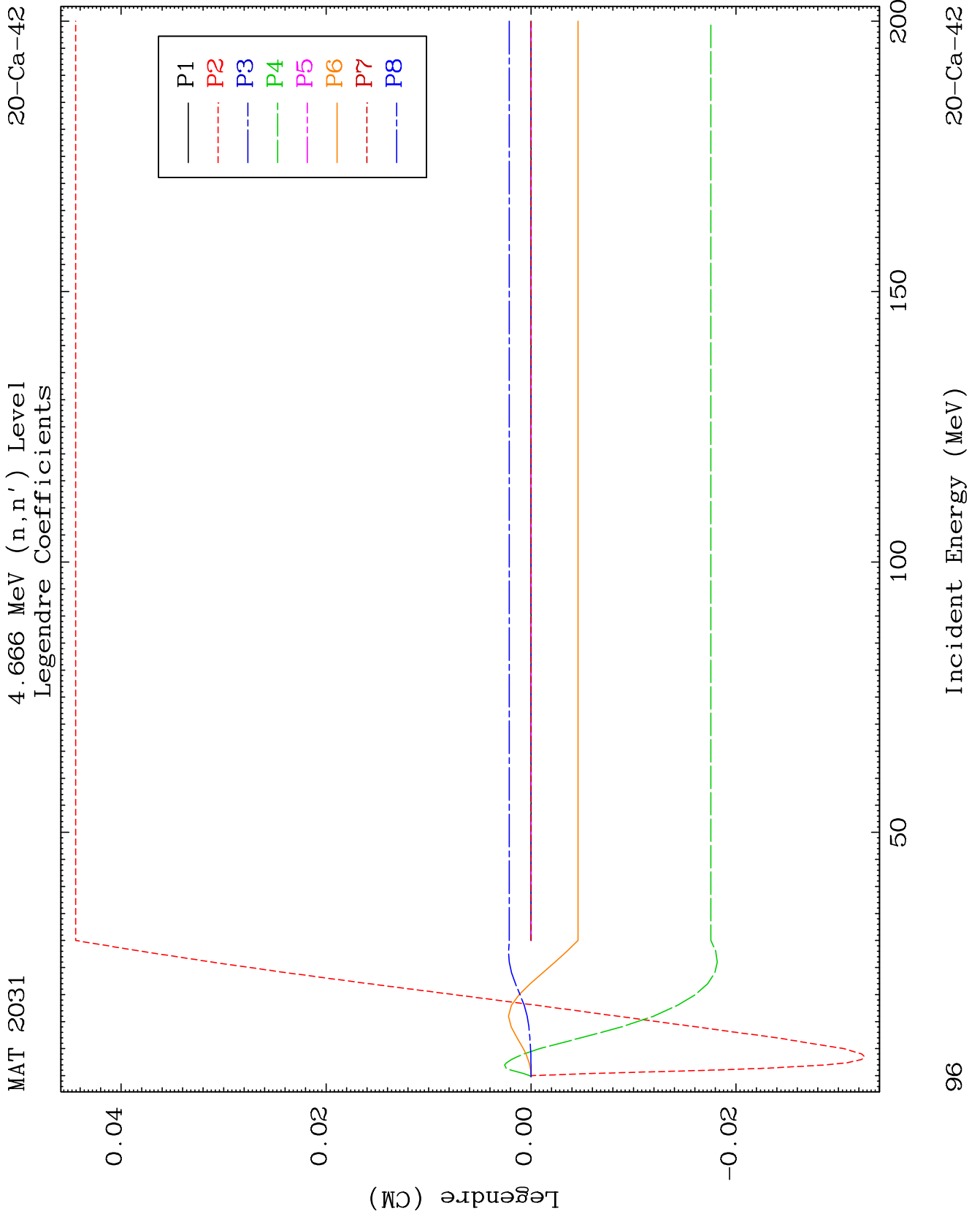
4.567 MeV (n,n') Level
Legendre Coefficients

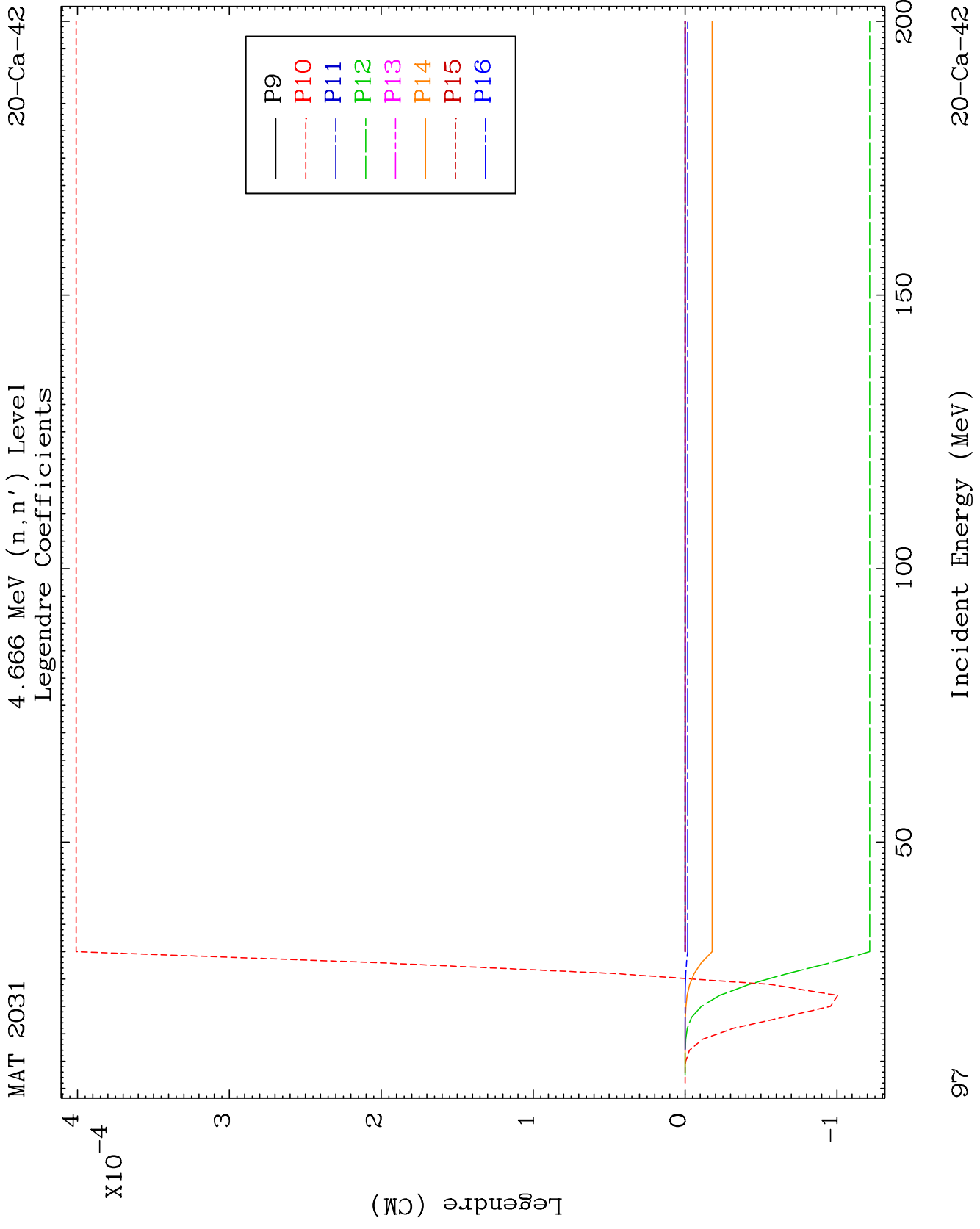
20-Ca-42

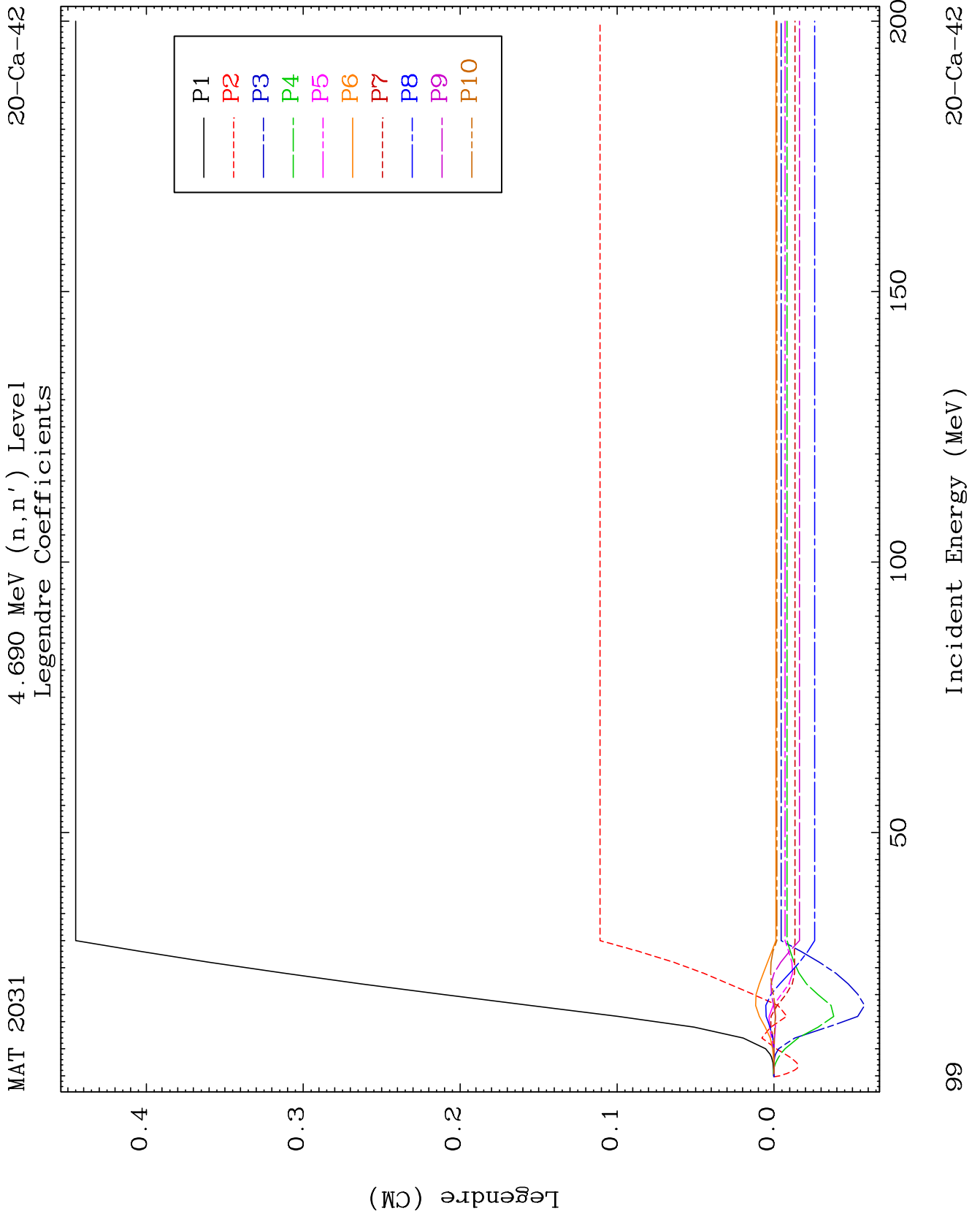


94





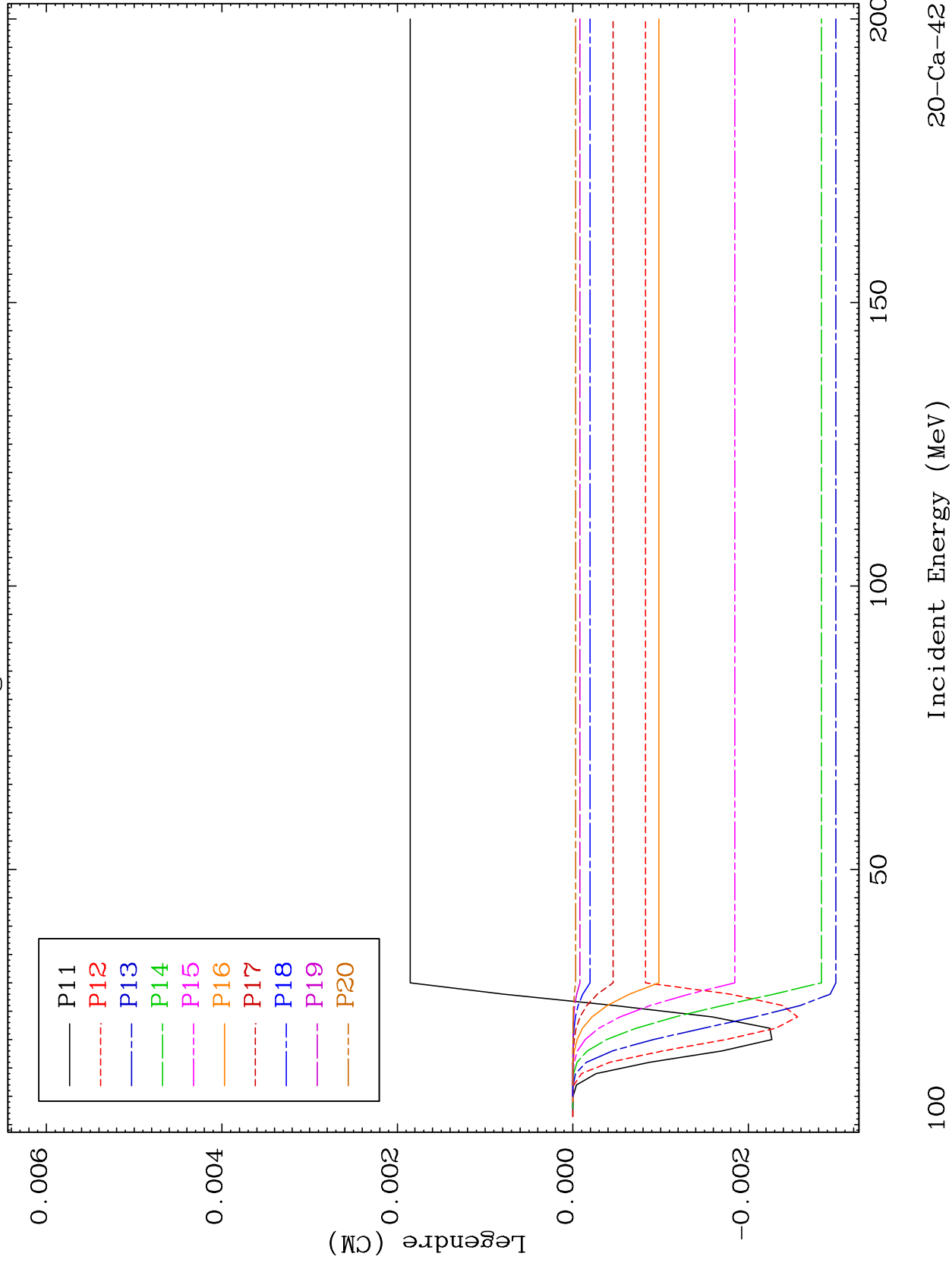


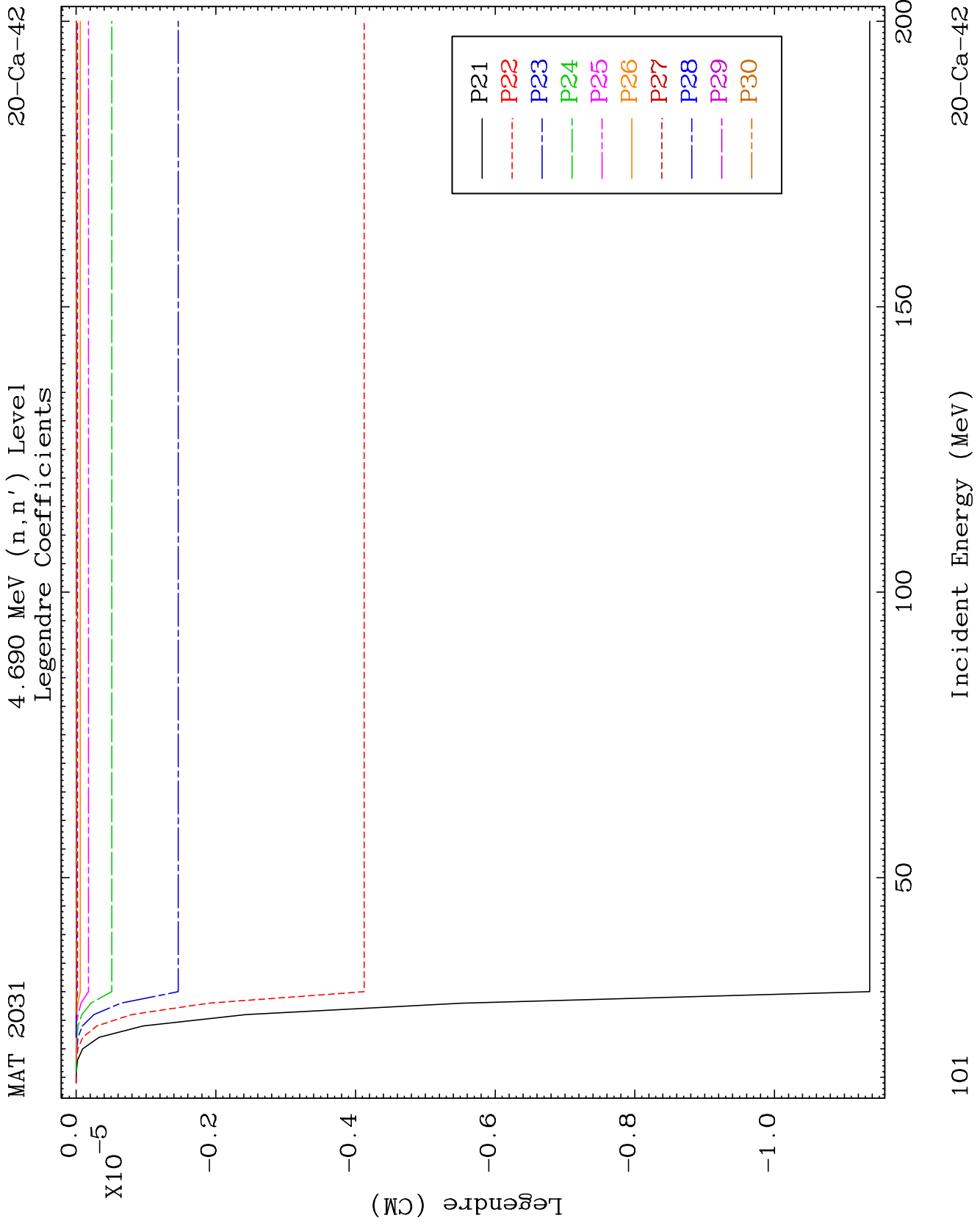


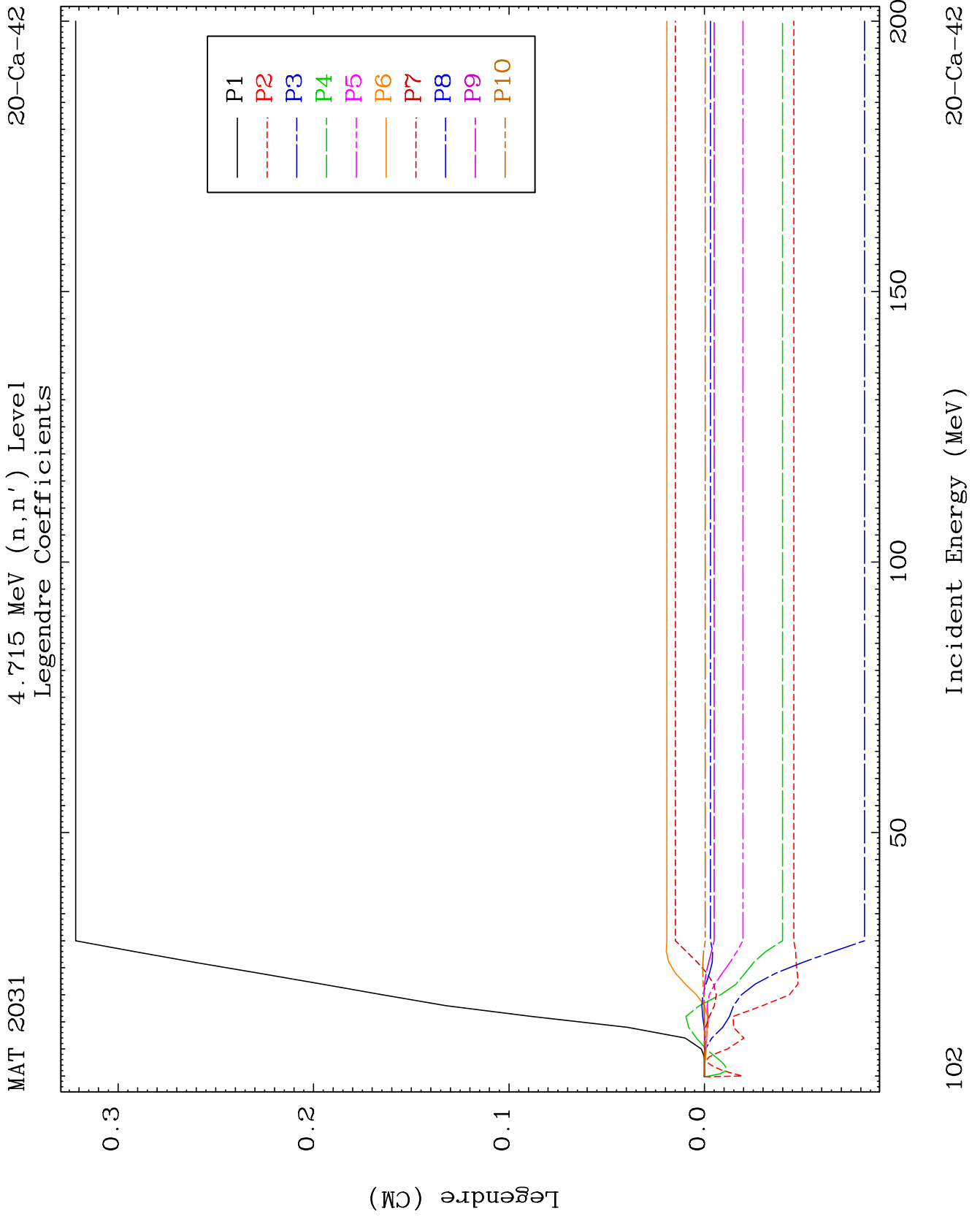
MAT 2031

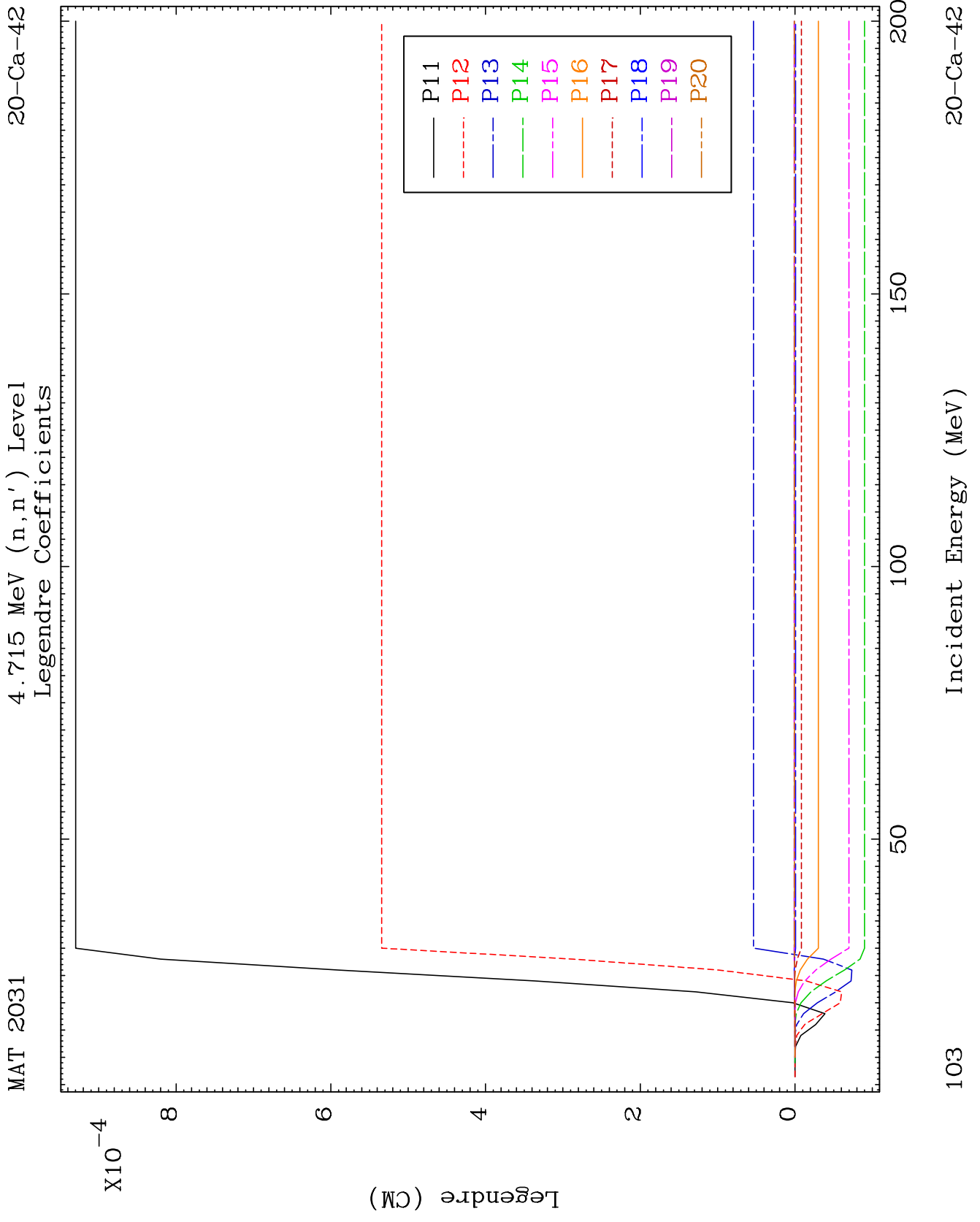
4.690 MeV (n,n') Level
Legendre Coefficients

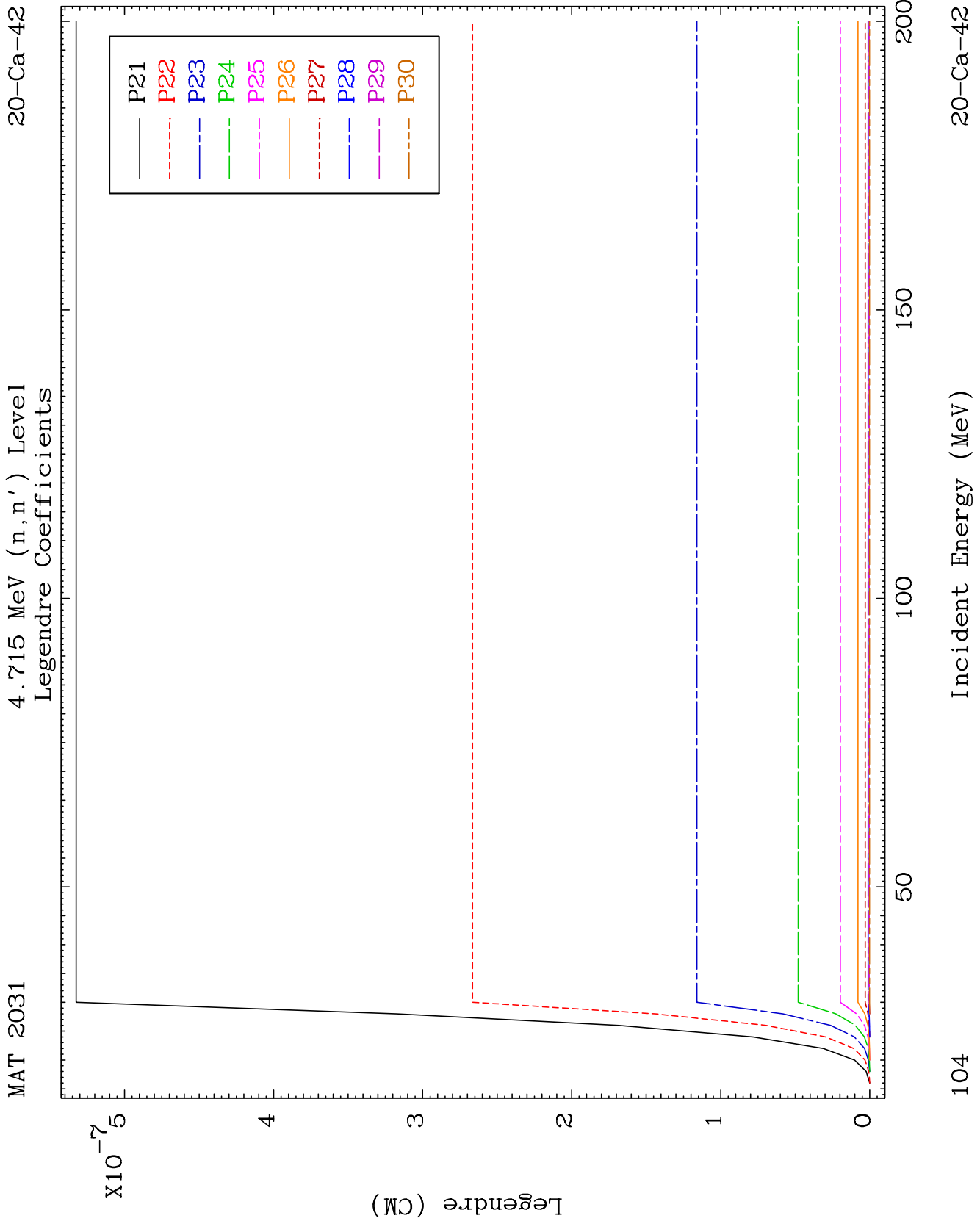
20-Ca-42

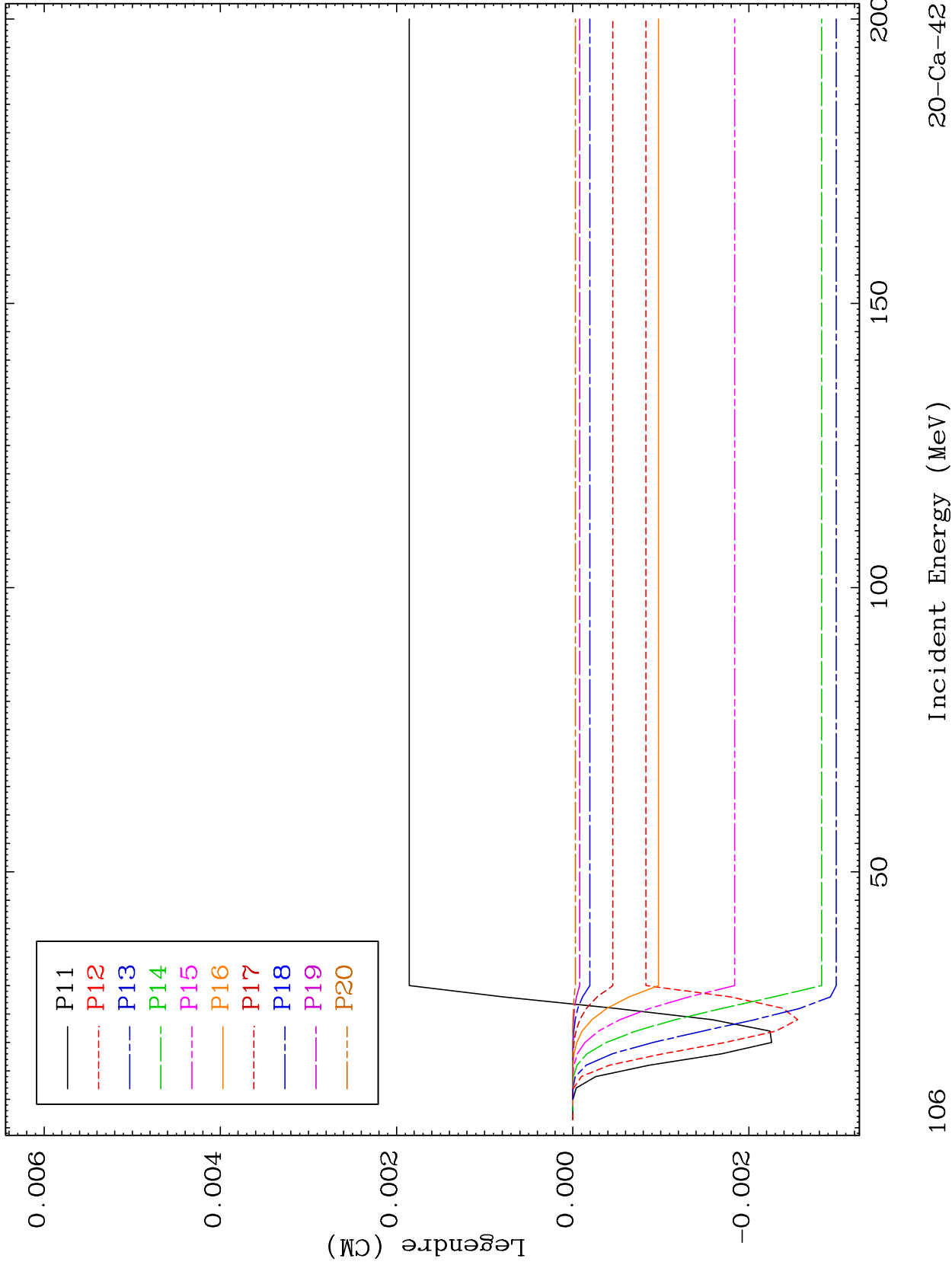


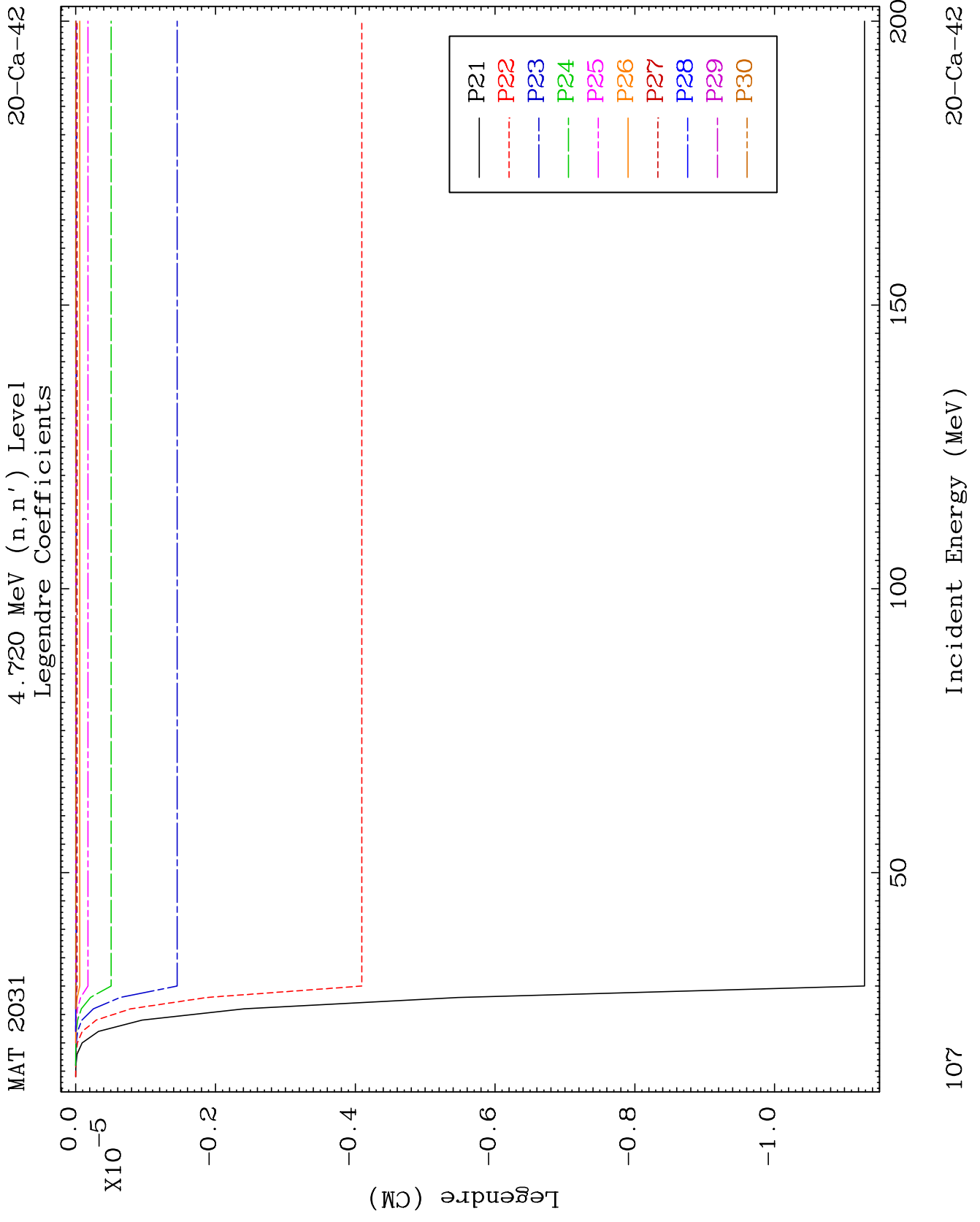










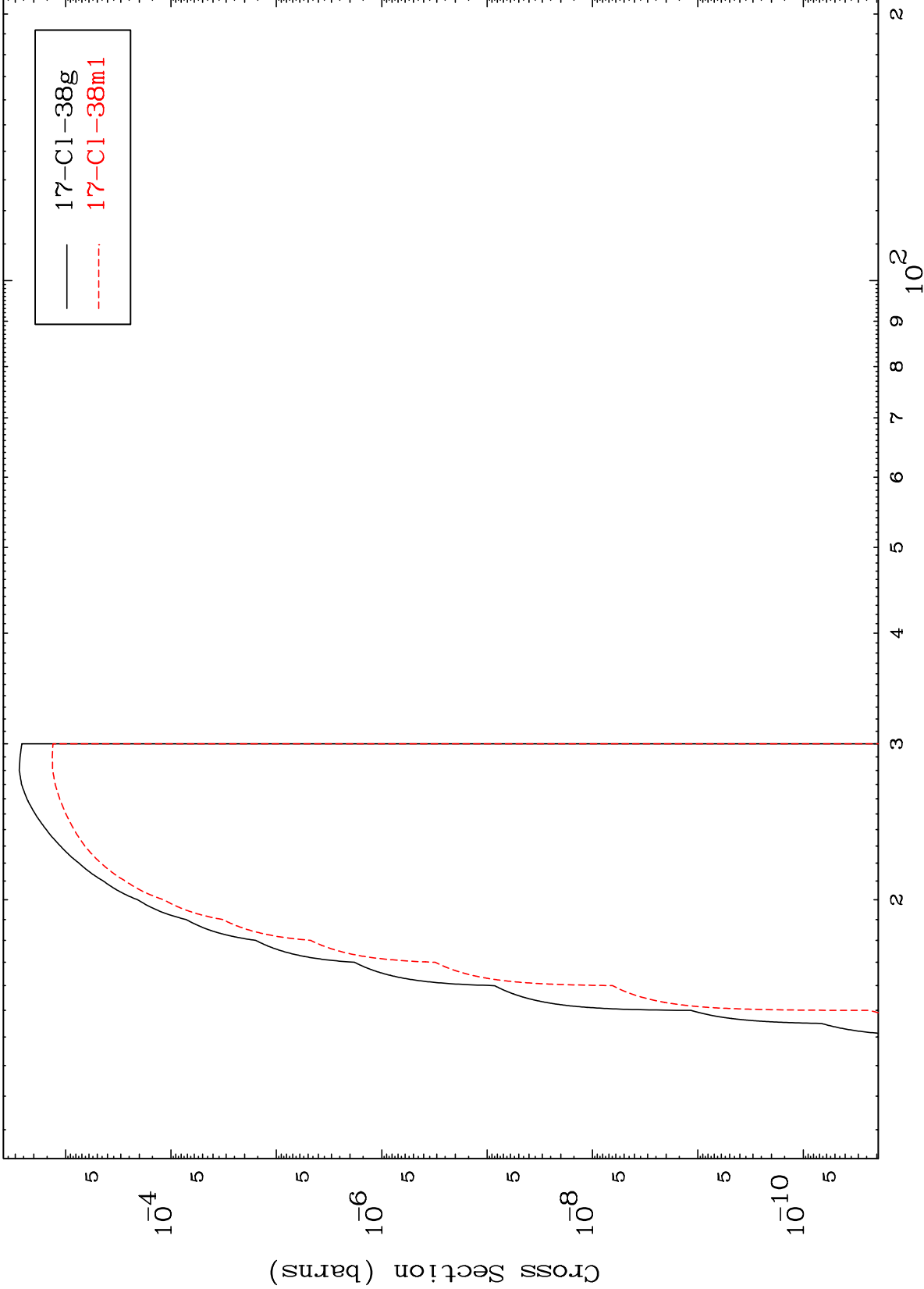


MAT 2031

(n,p) α

20-Ca-42

Radionuclide Production Cross Section



17-Cl-38g
17-Cl-38m1

108

Incident Energy (MeV)

20-Ca-42