

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

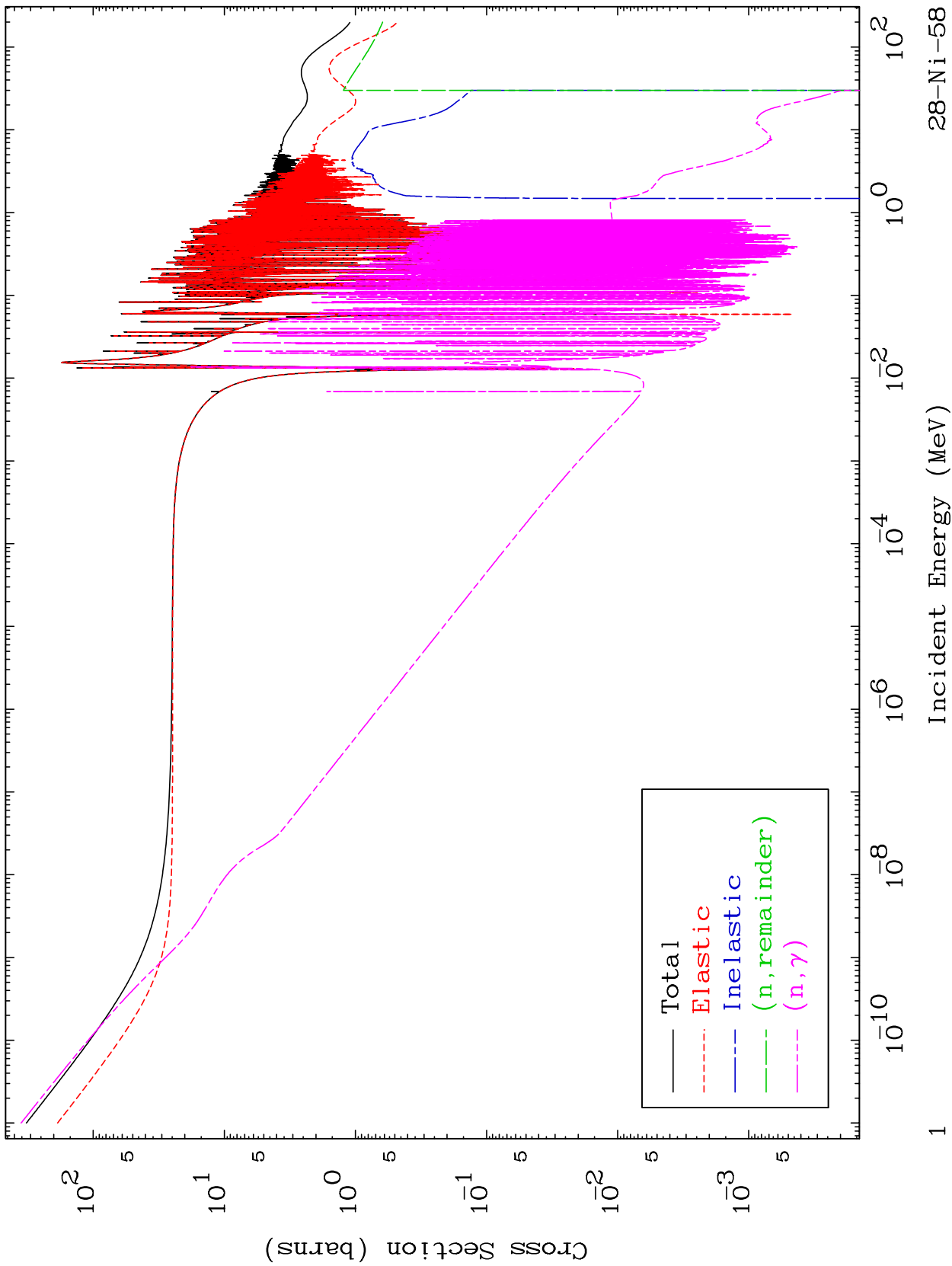
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 2825

Major
293 Kelvin Cross Sections

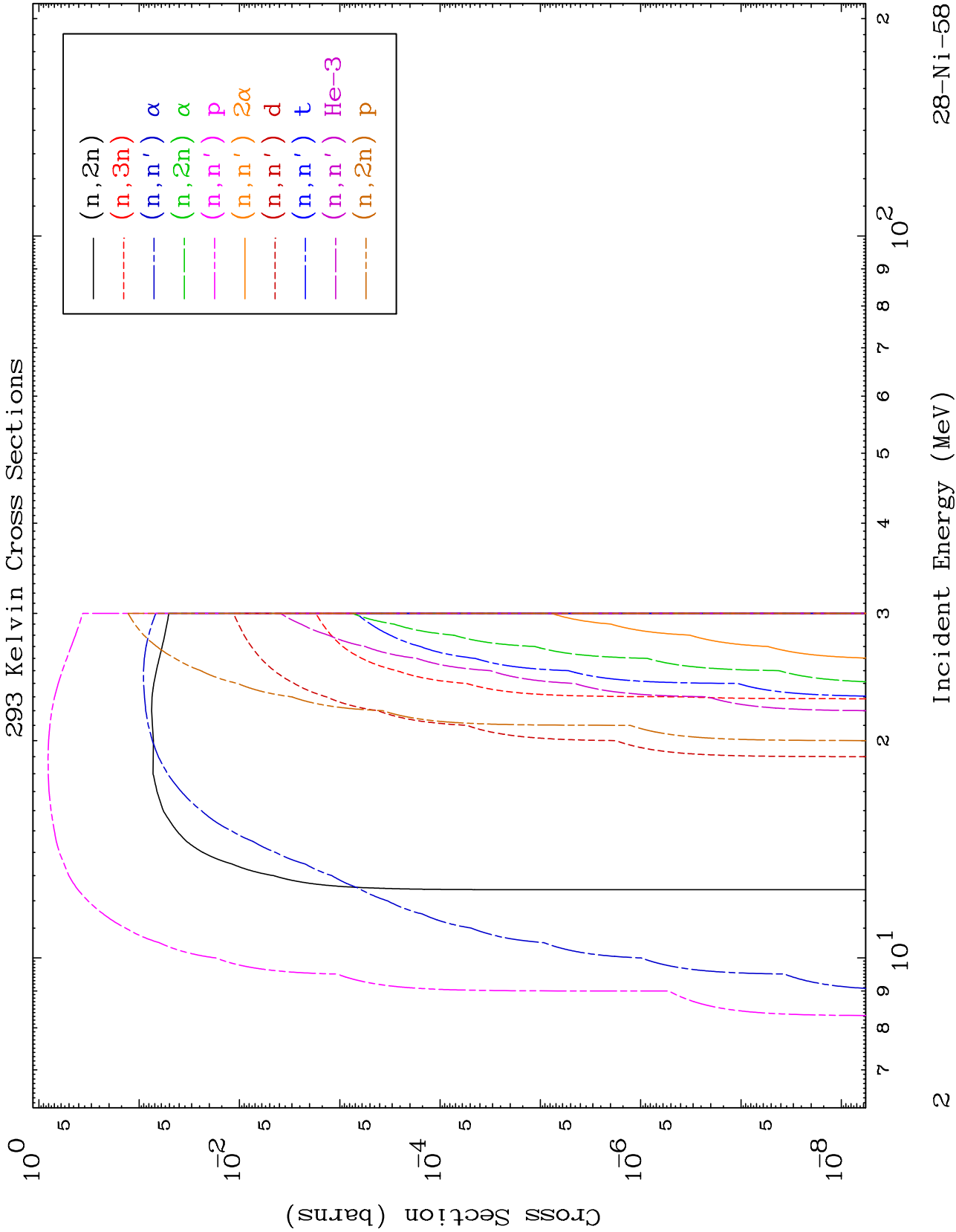
28-Ni-58



MAT 2825

Neutron Production
293 Kelvin Cross Sections

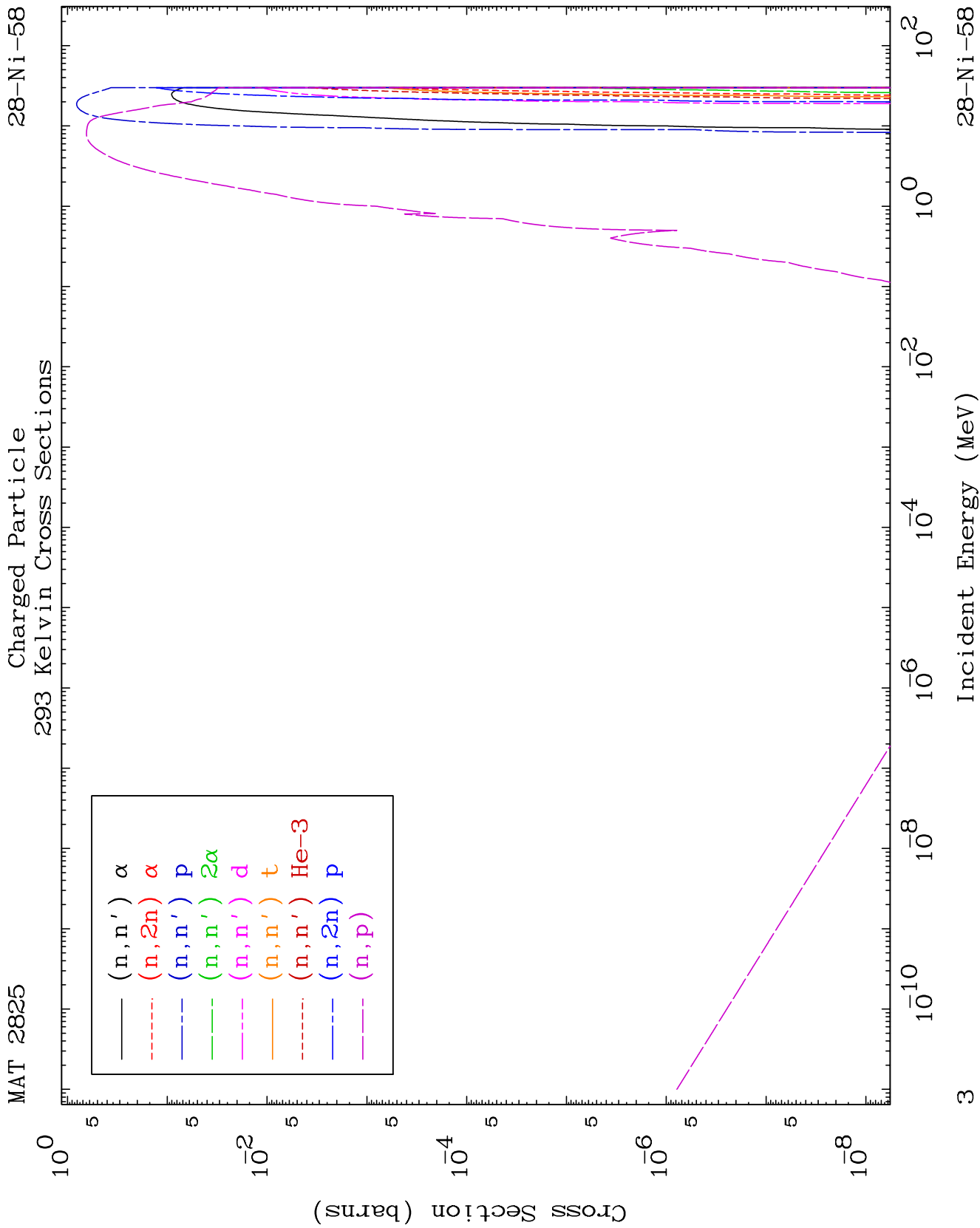
28-Ni-58



2

Incident Energy (MeV)

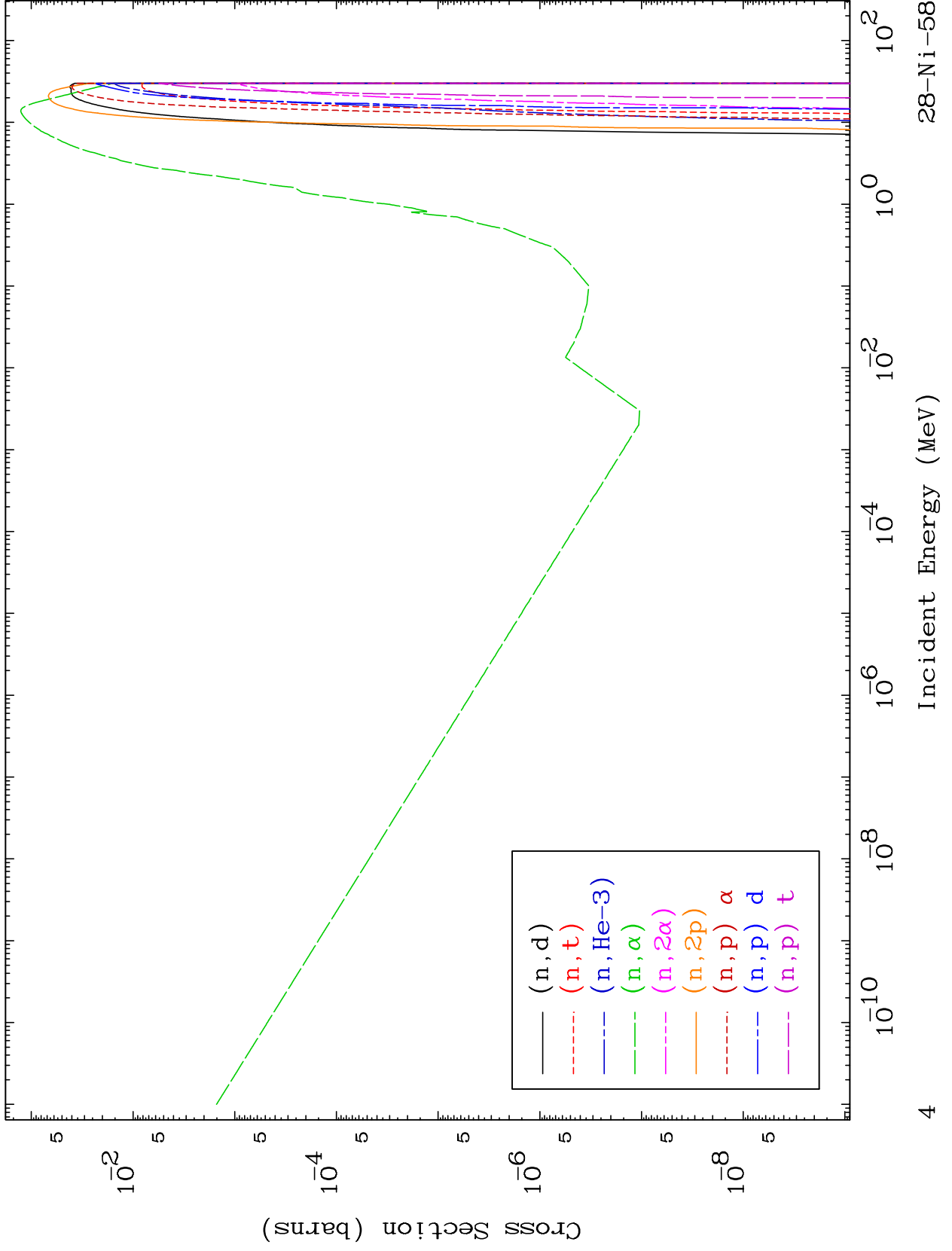
28-Ni-58



MAT 2825

Charged Particle
293 Kelvin Cross Sections

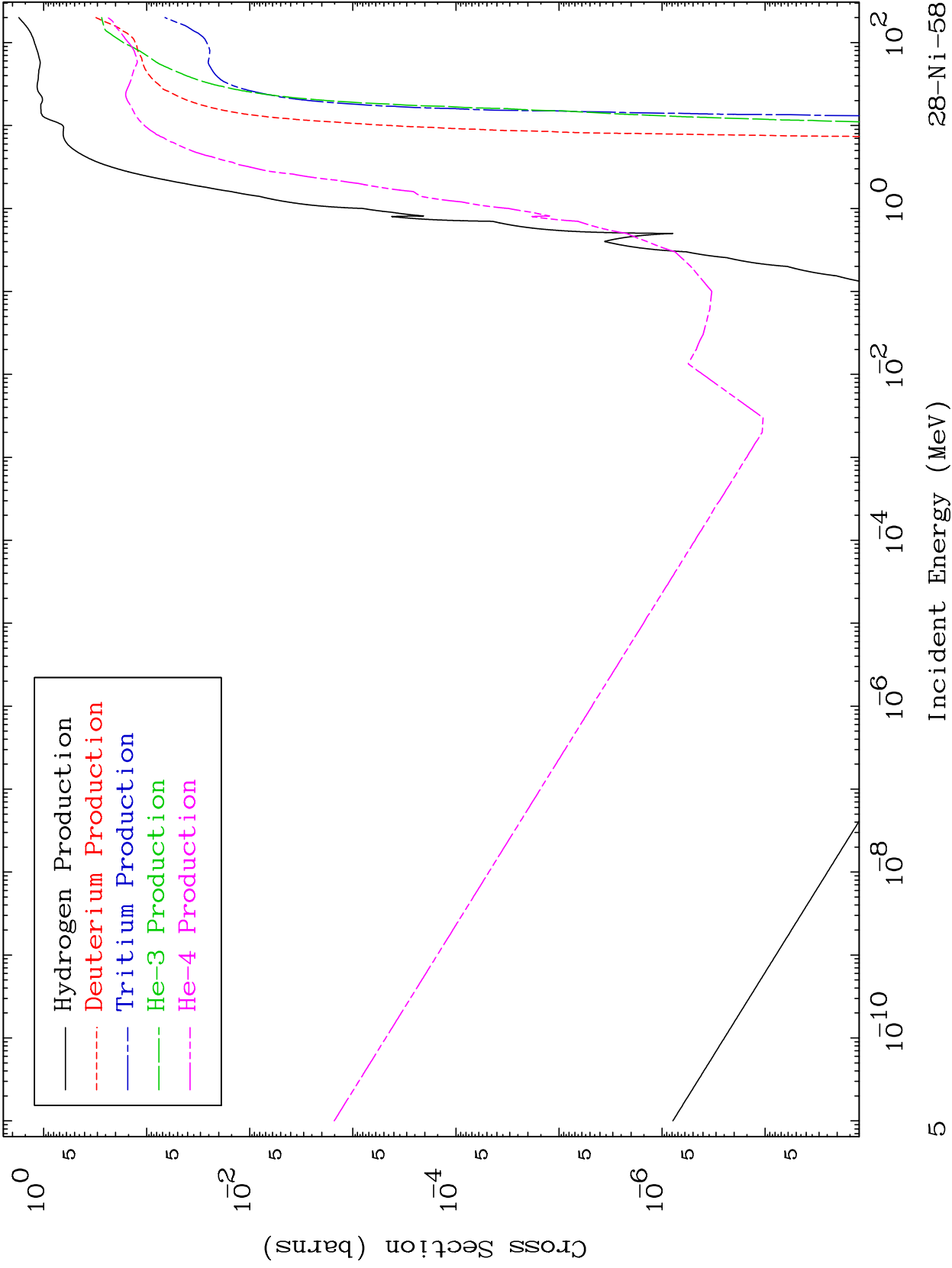
28-Ni-58



MAT 2825

Particle Production
293 Kelvin Cross Sections

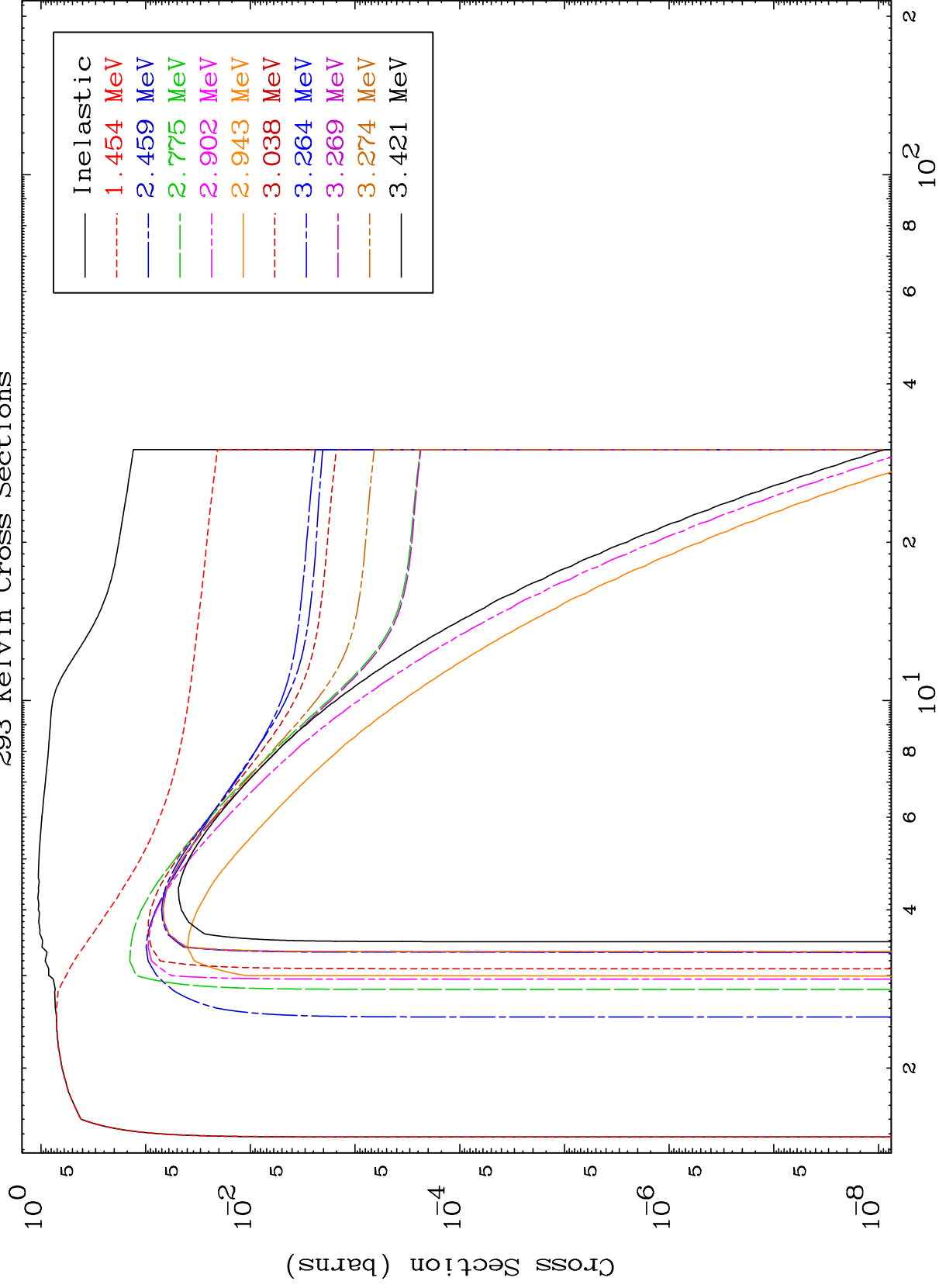
28-Ni-58



MAT 2825

(n,n') Level
293 Kelvin Cross Sections

28-Ni-58



6

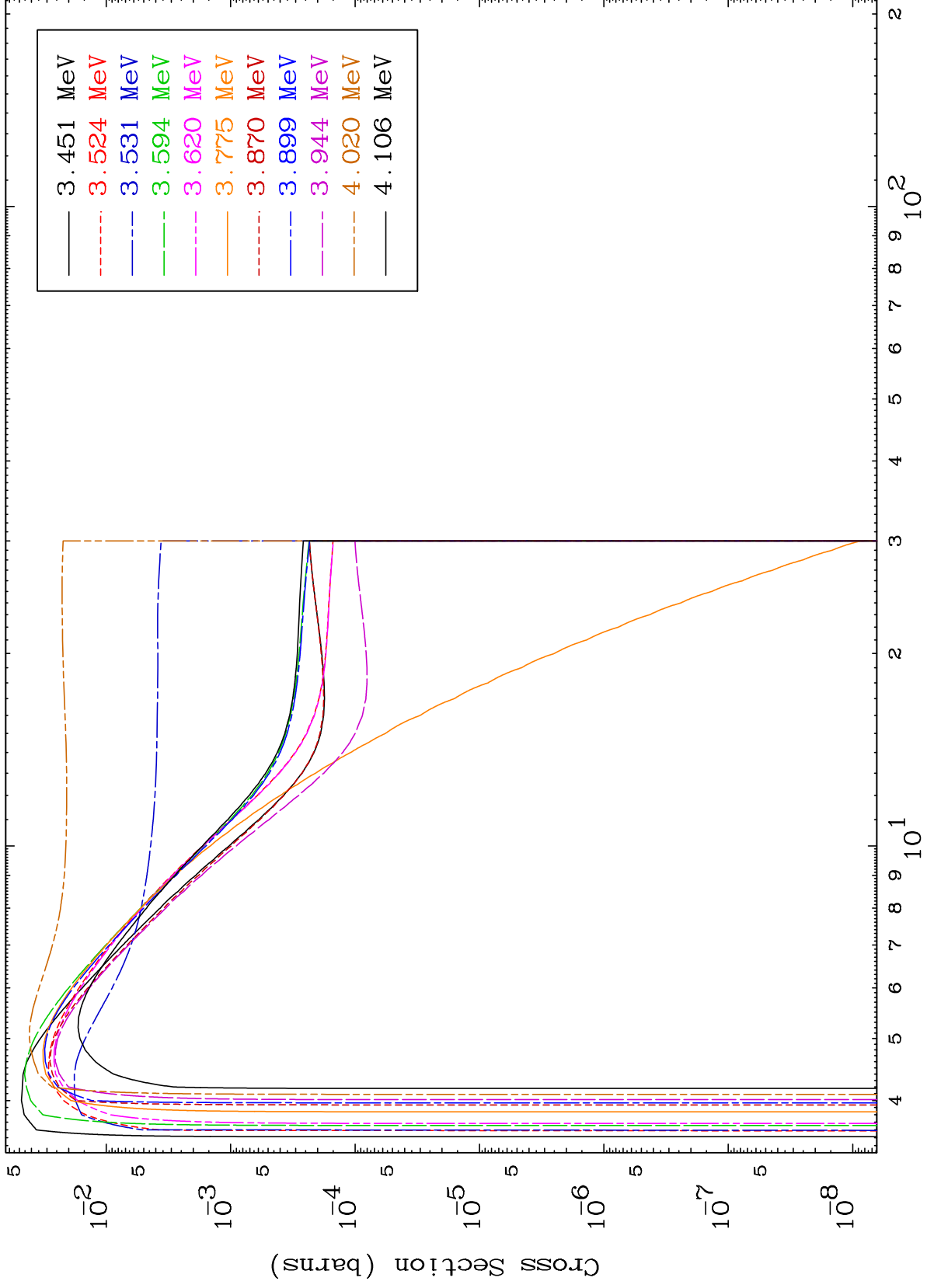
Incident Energy (MeV)

28-Ni-58

MAT 2825

(n,n') Level
293 Kelvin Cross Sections

28-Ni-58



7

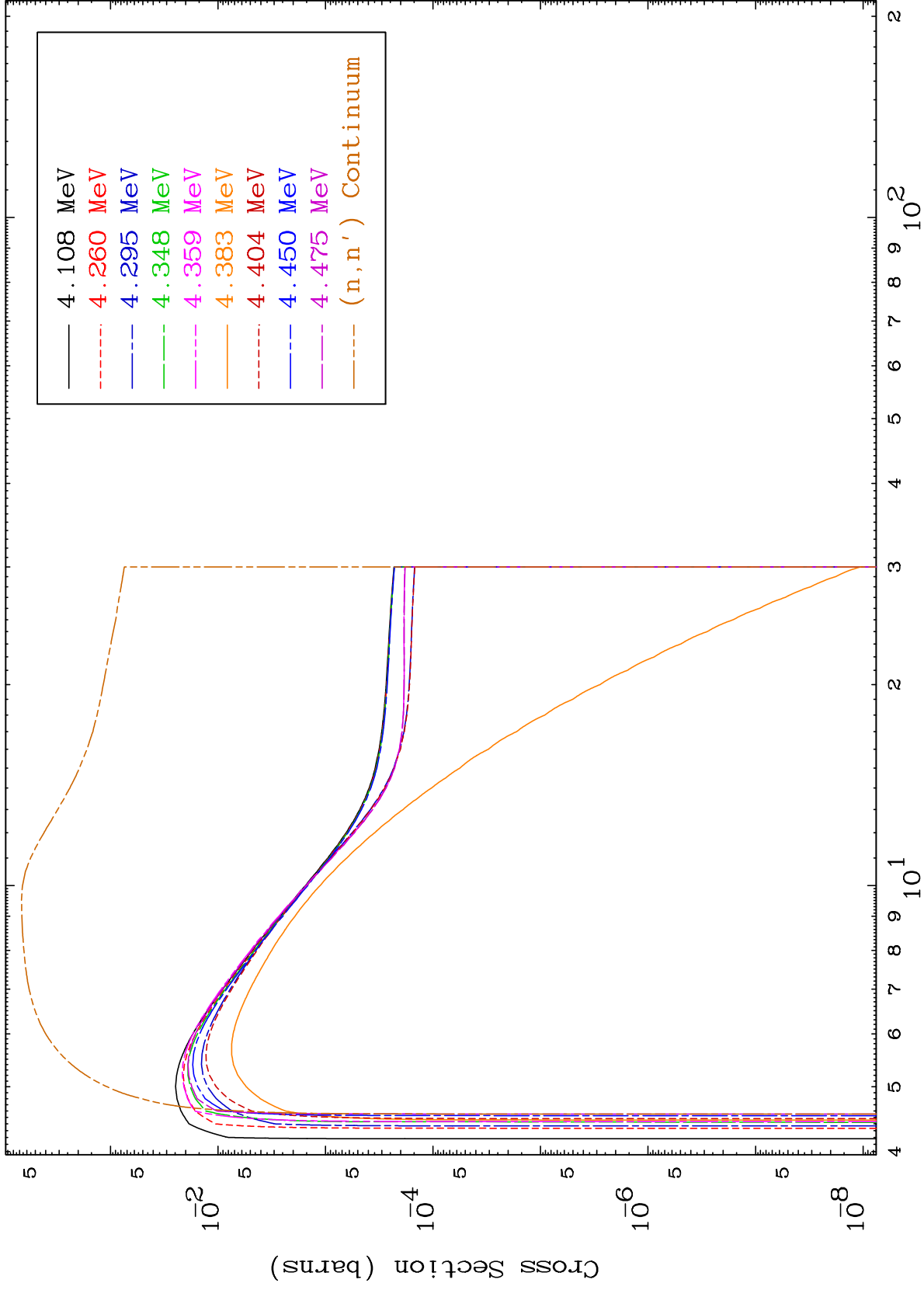
Incident Energy (MeV)

28-Ni-58

MAT 2825

(n,n') Level
293 Kelvin Cross Sections

28-Ni-58



8

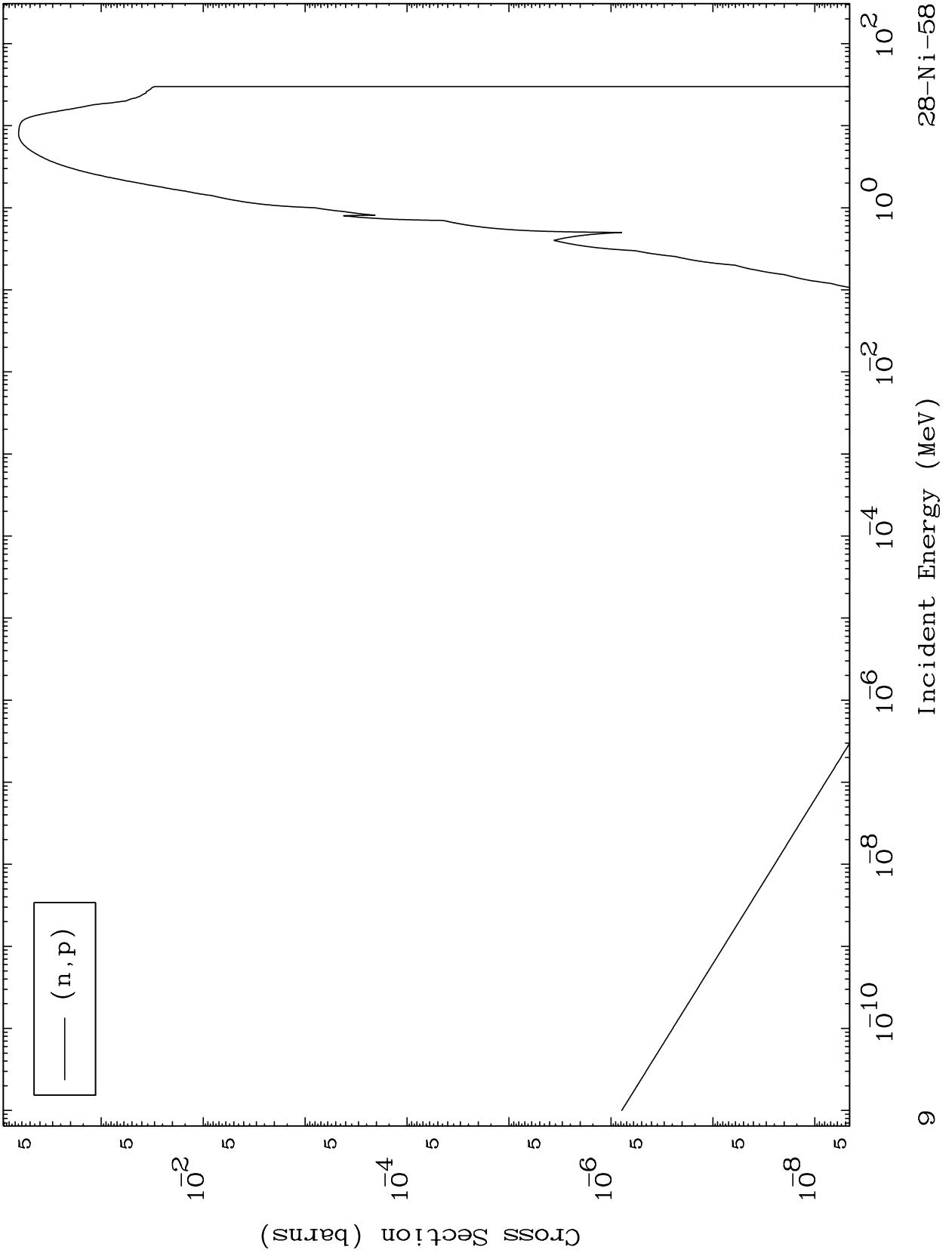
Incident Energy (MeV)

28-Ni-58

MAT 2825

(n,p) Levels
293 Kelvin Cross Sections

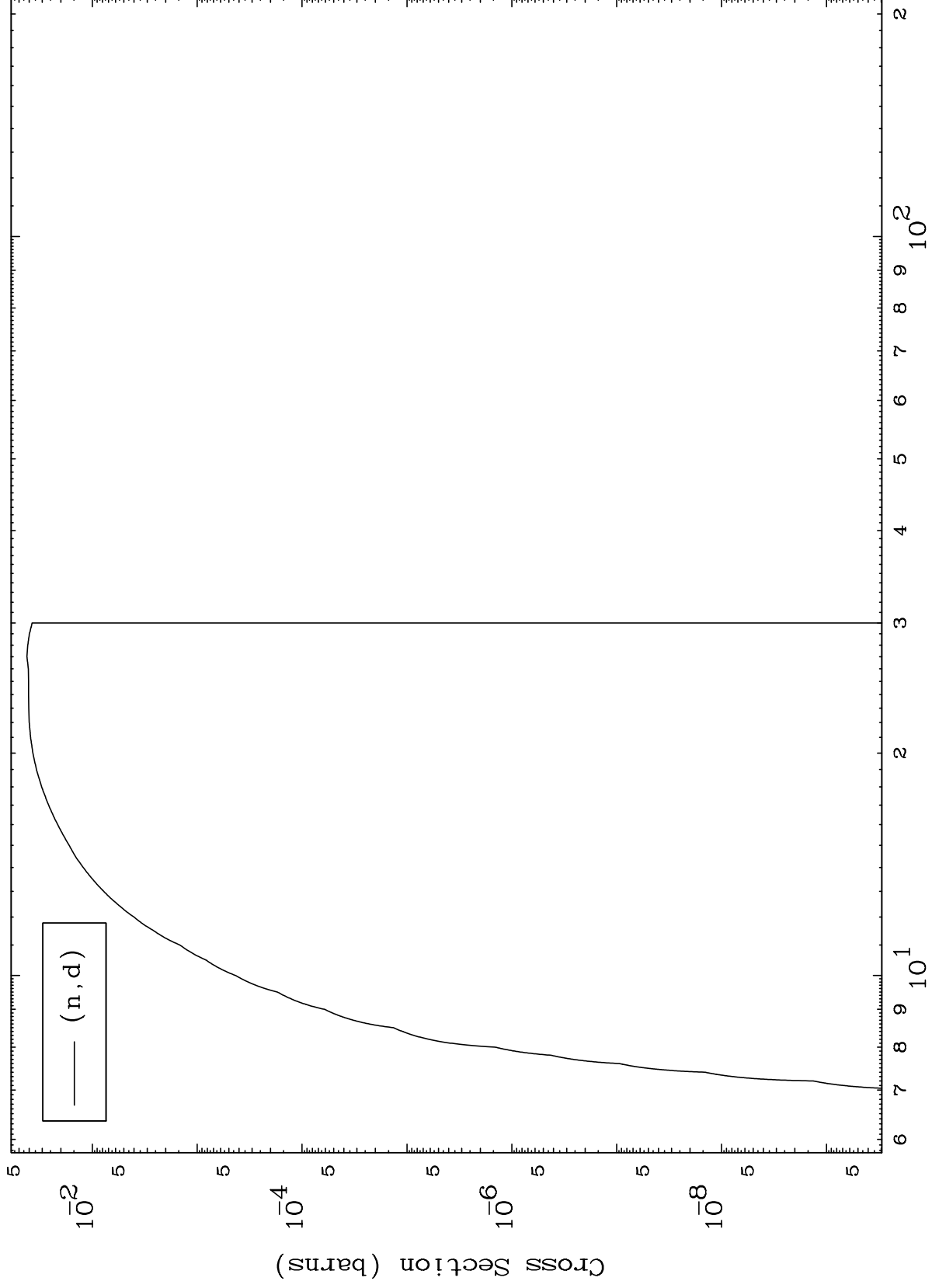
28-Ni-58



MAT 2825

(n,d) Levels
293 Kelvin Cross Sections

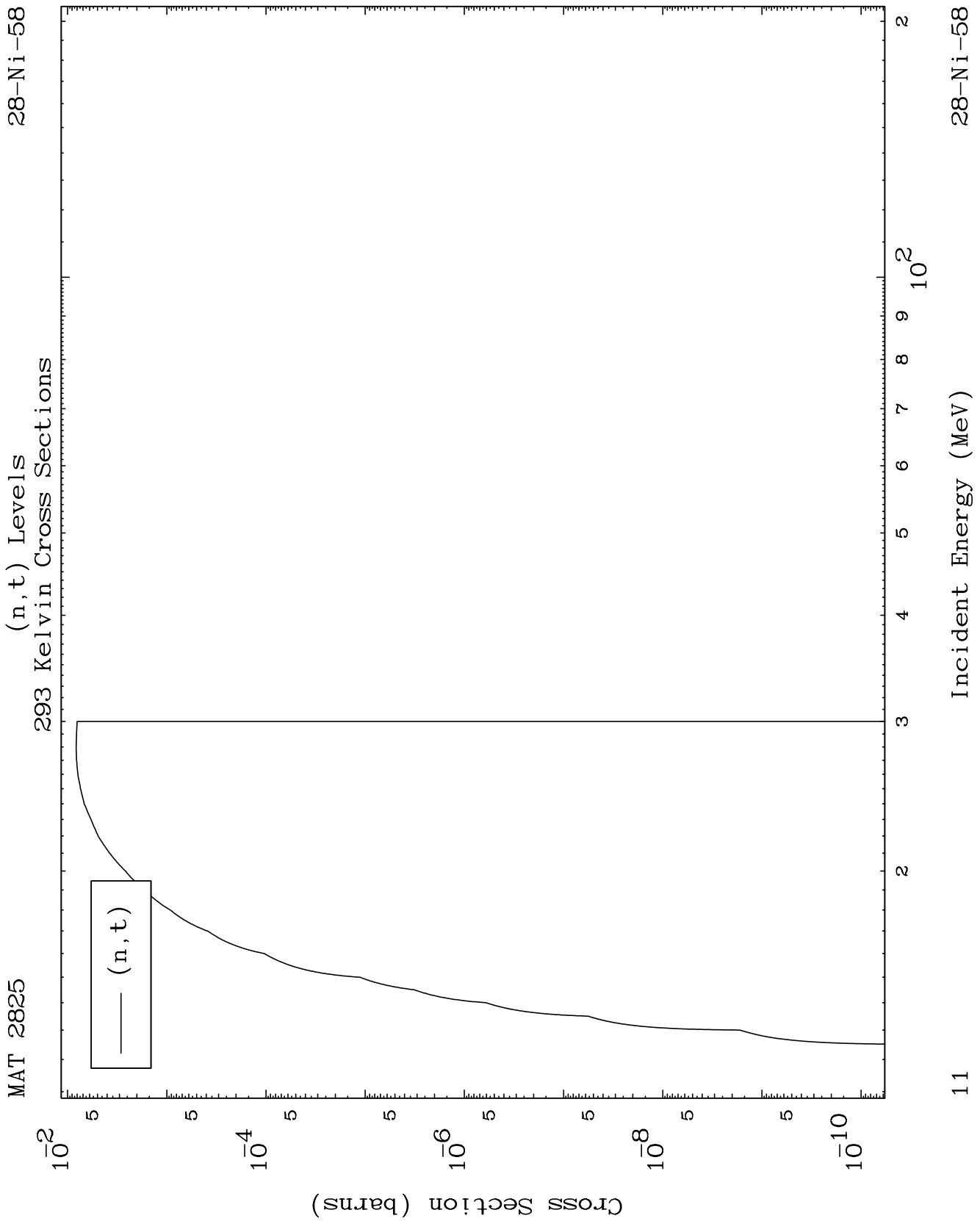
28-Ni-58



10

Incident Energy (MeV)

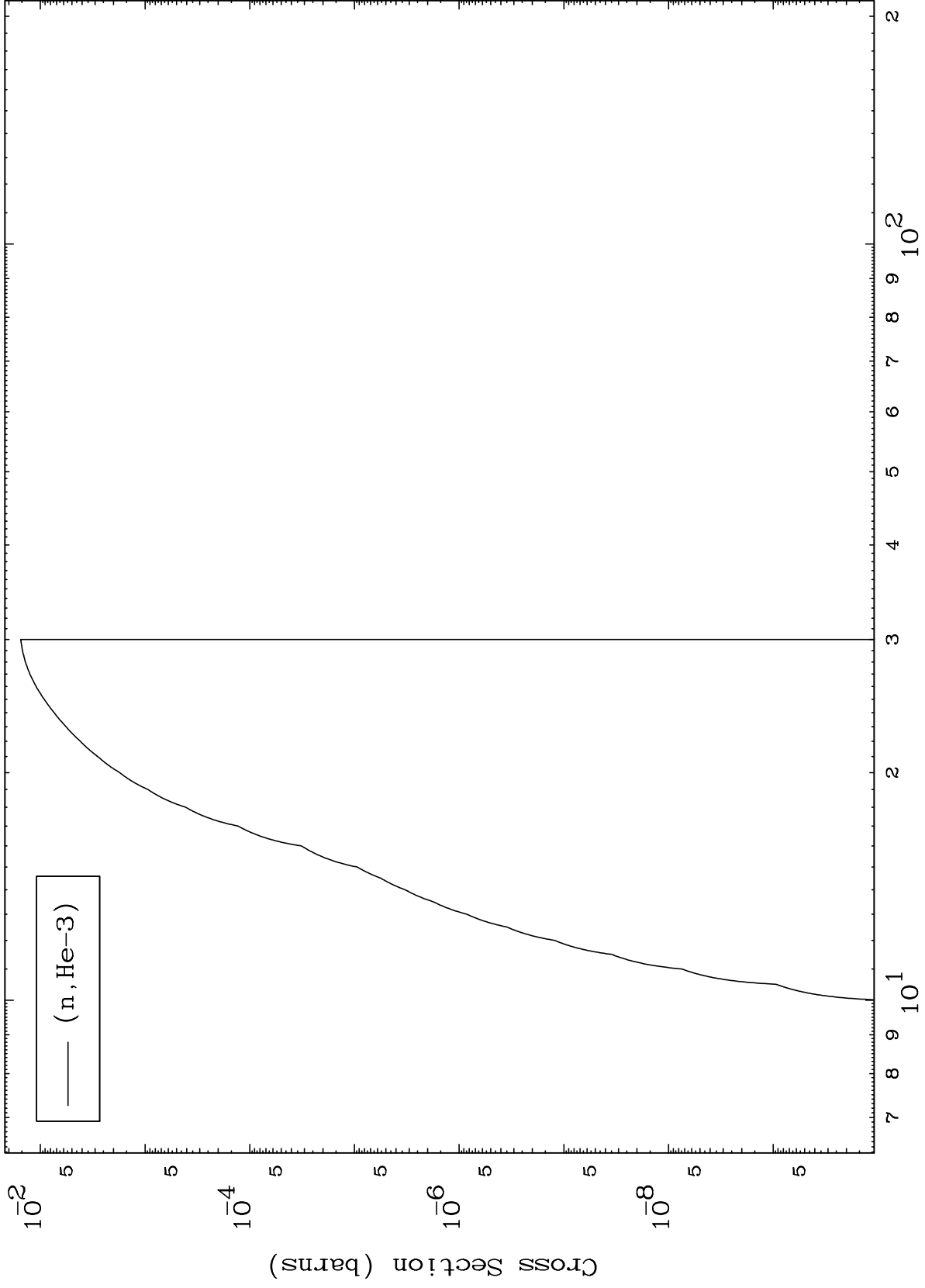
28-Ni-58



MAT 2825

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-58



12

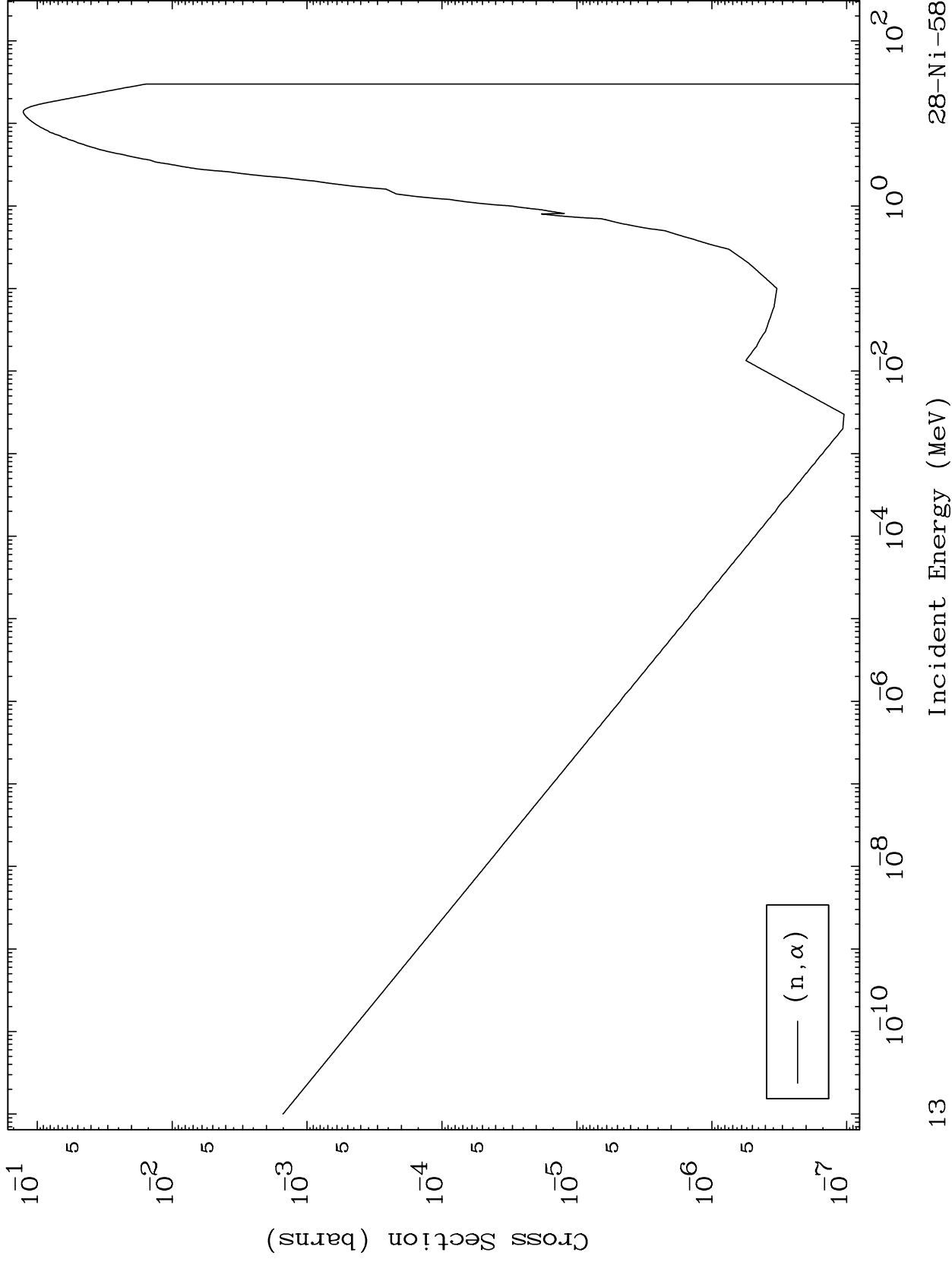
Incident Energy (MeV)

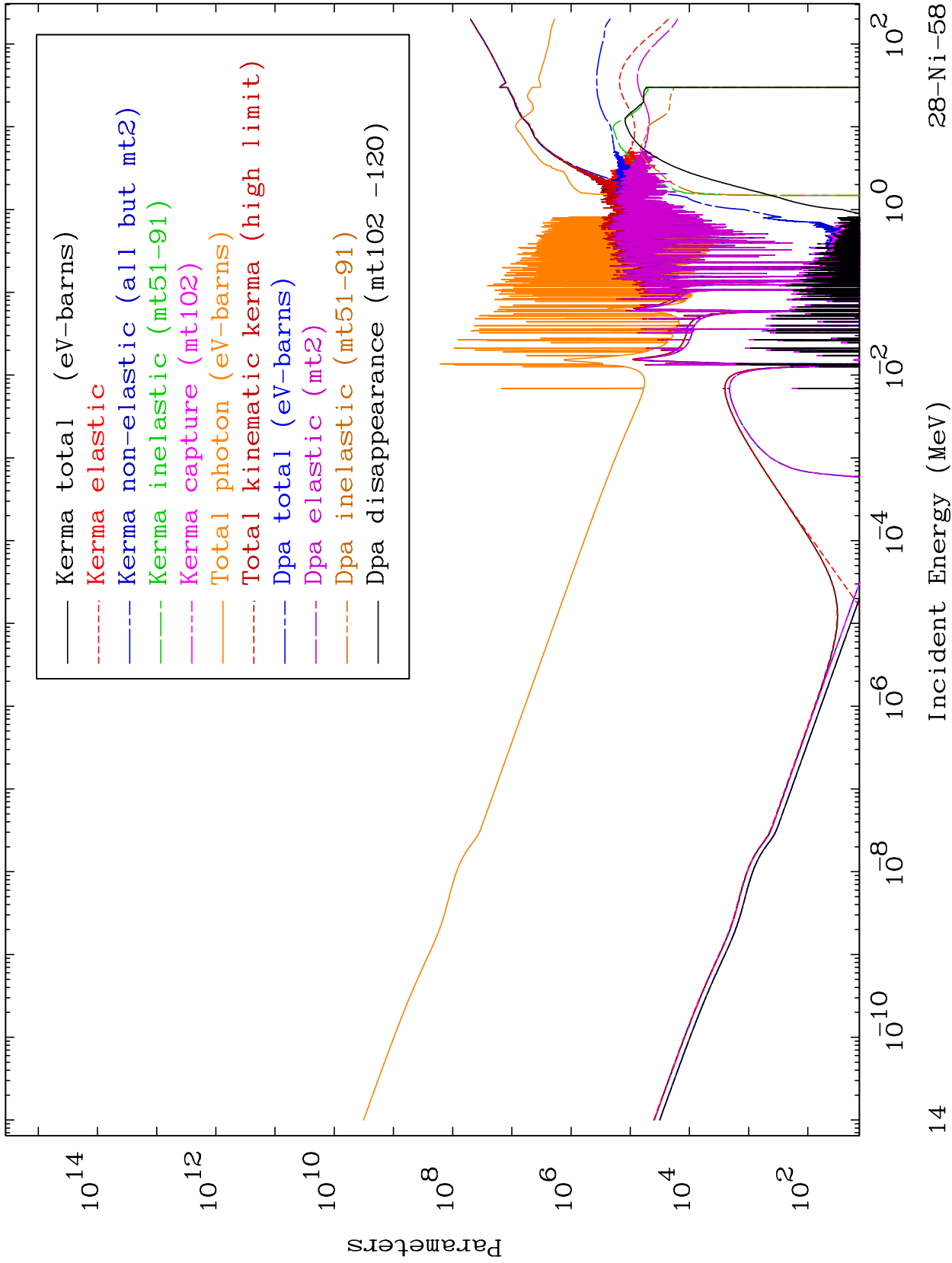
28-Ni-58

MAT 2825

(n,α) Levels
293 Kelvin Cross Sections

28-Ni-58

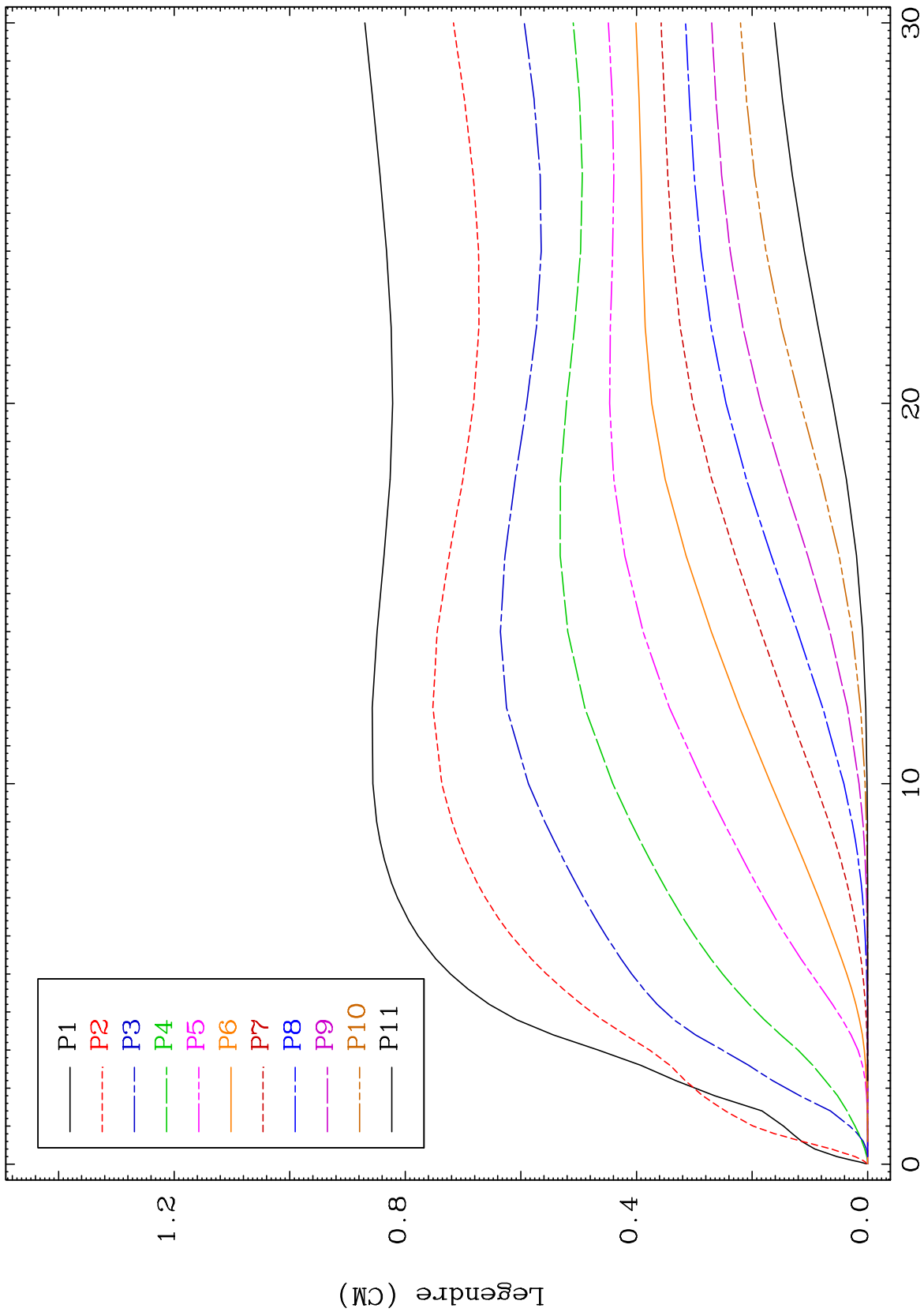




MAT 2825

Elastic Legendre Coefficients

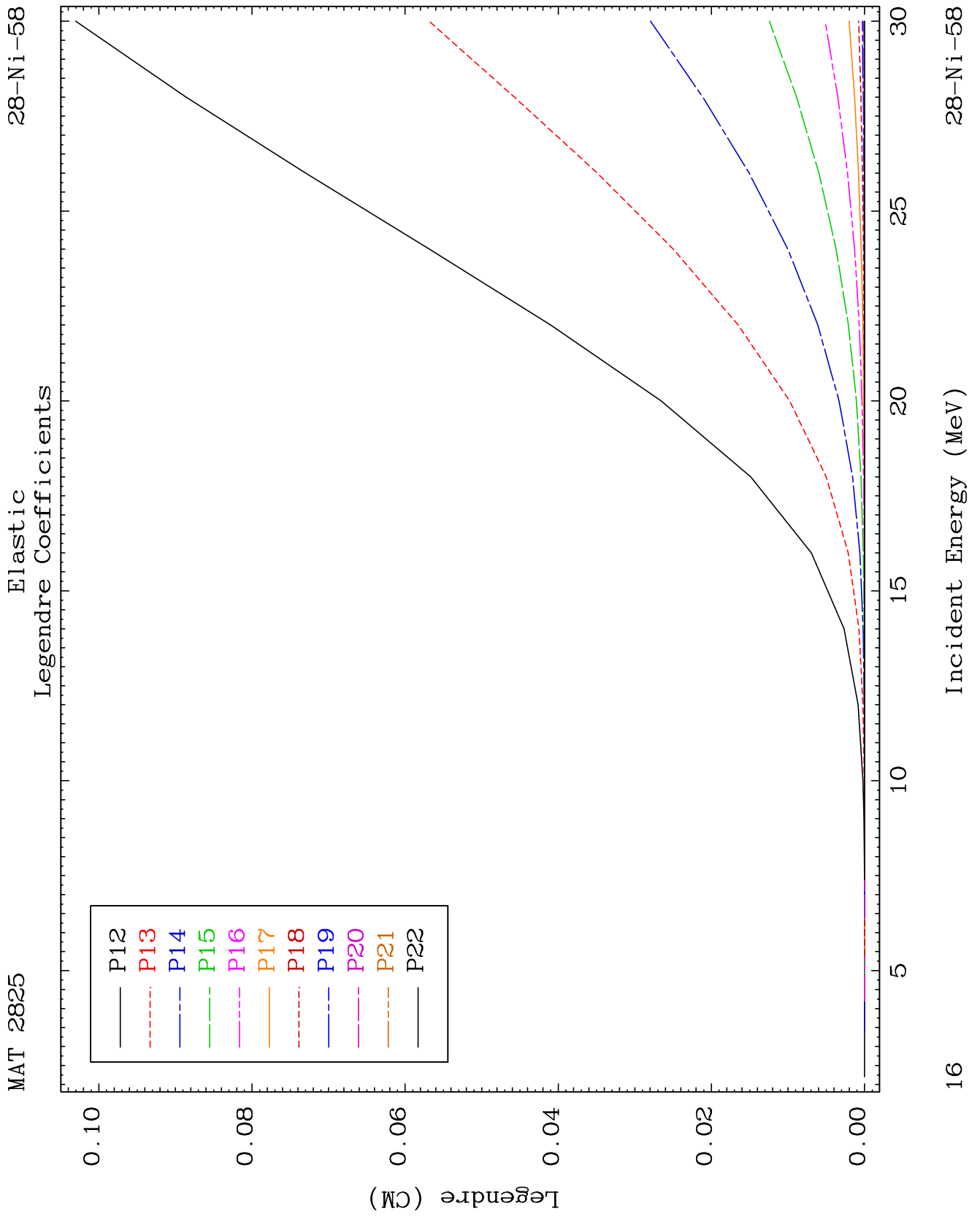
²⁸Ni-58

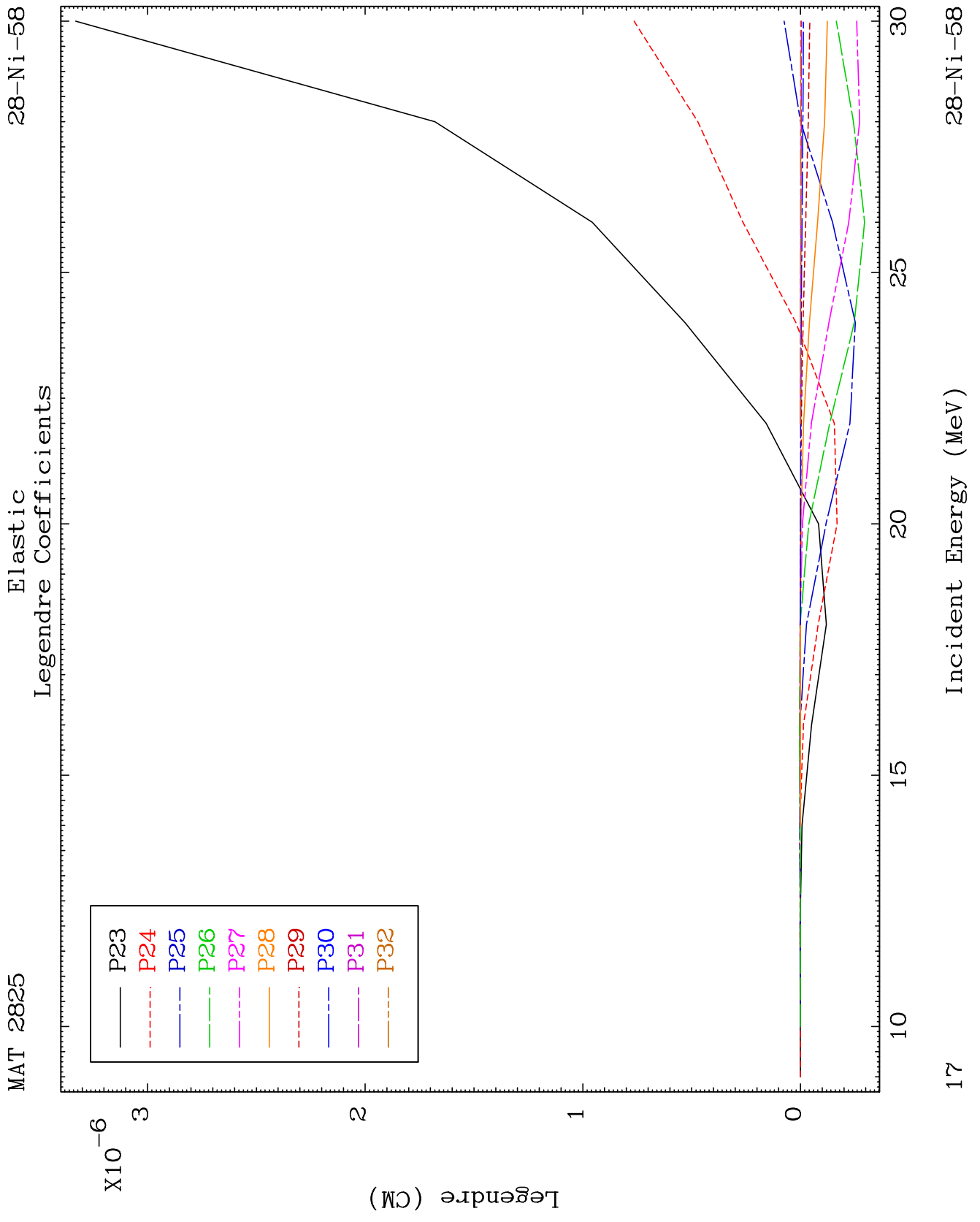


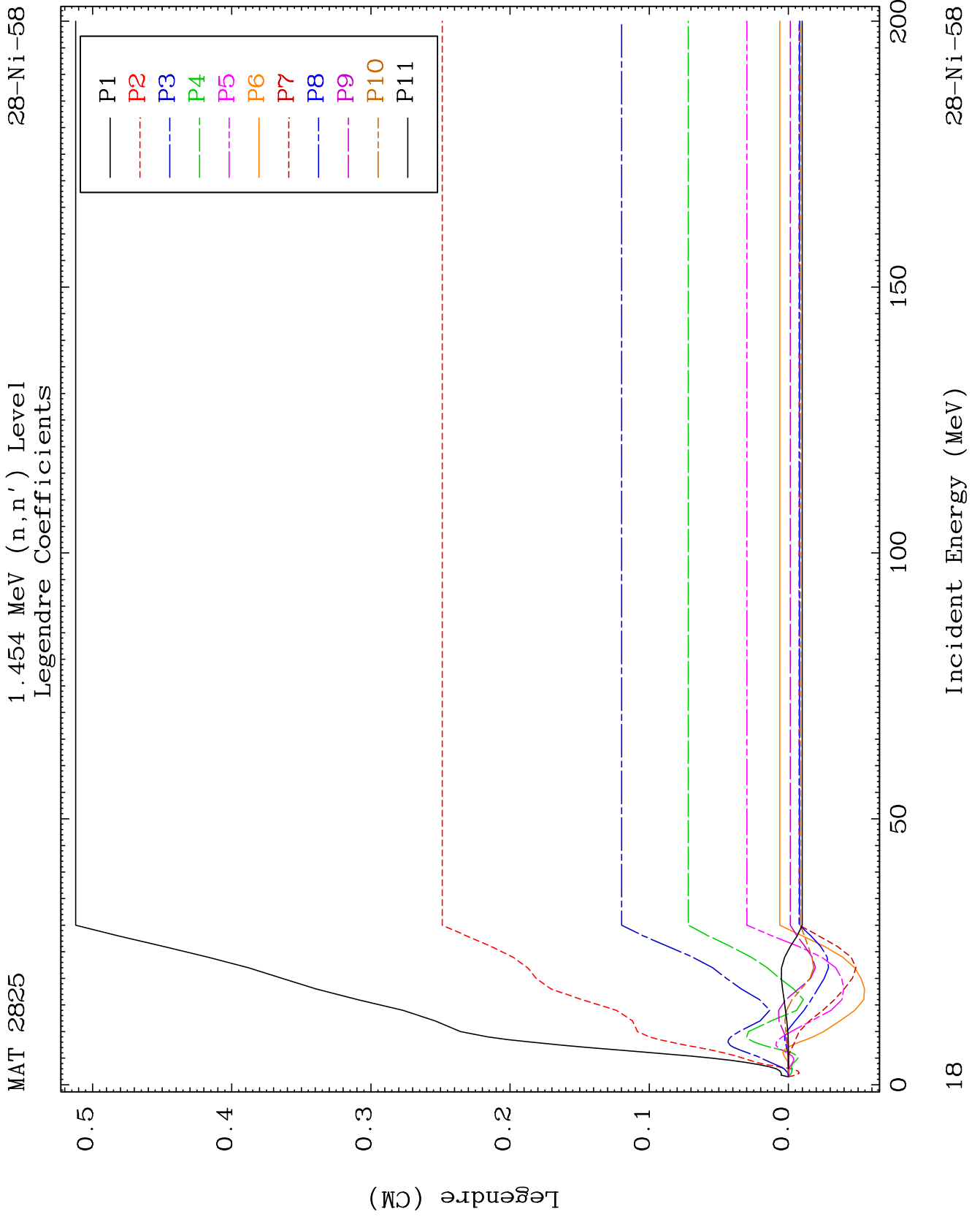
15

Incident Energy (MeV)

²⁸Ni-58



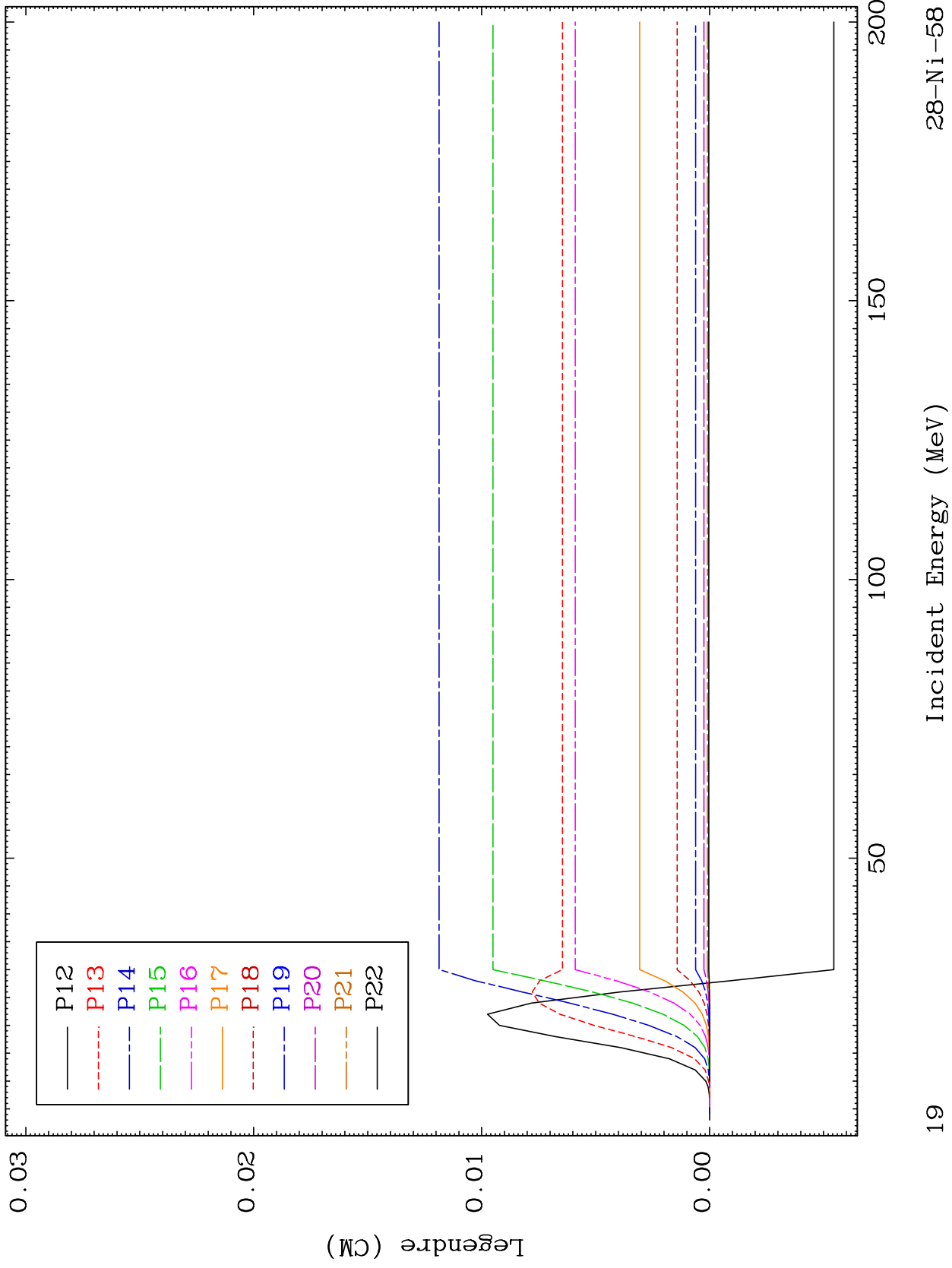




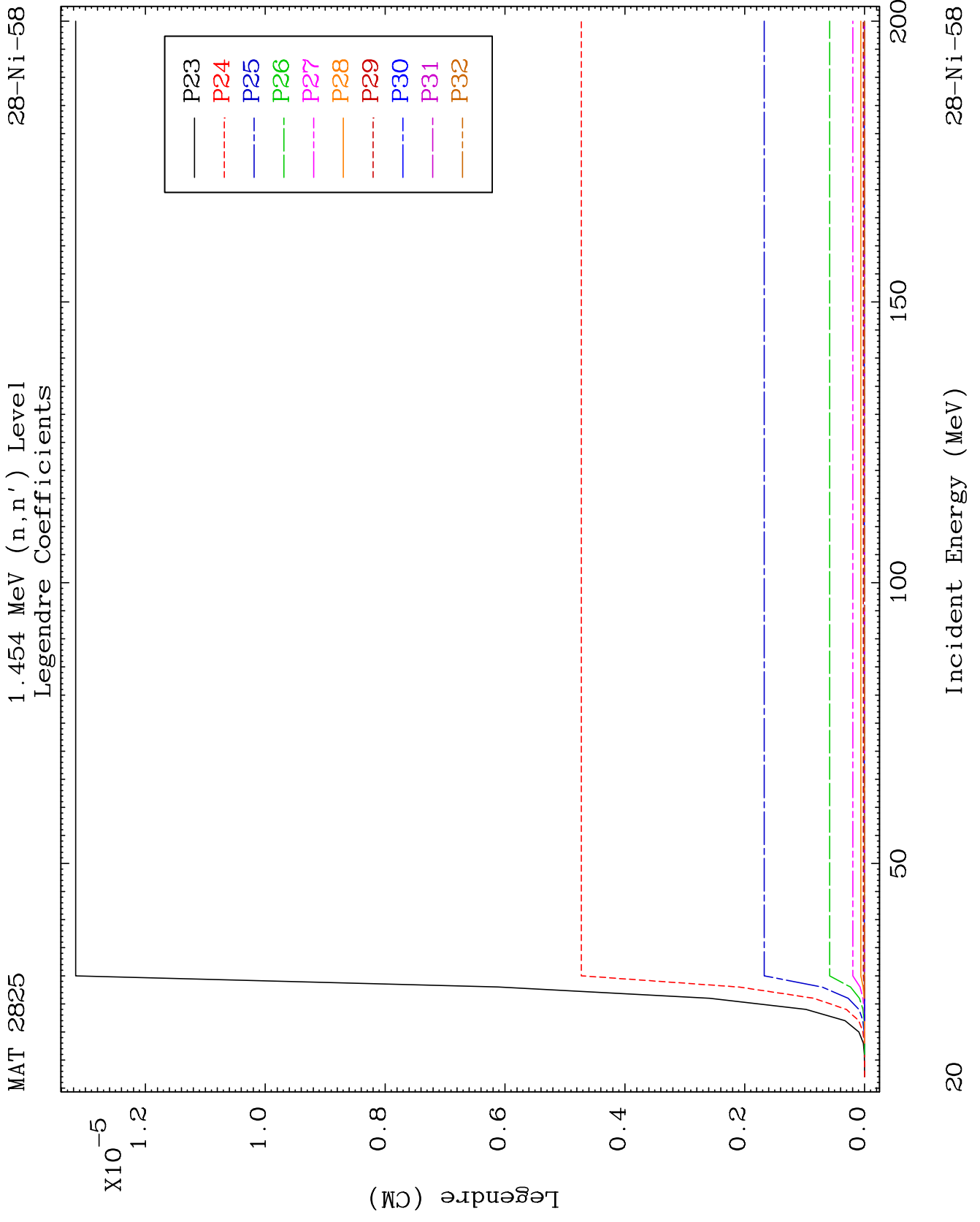
MAT 2825

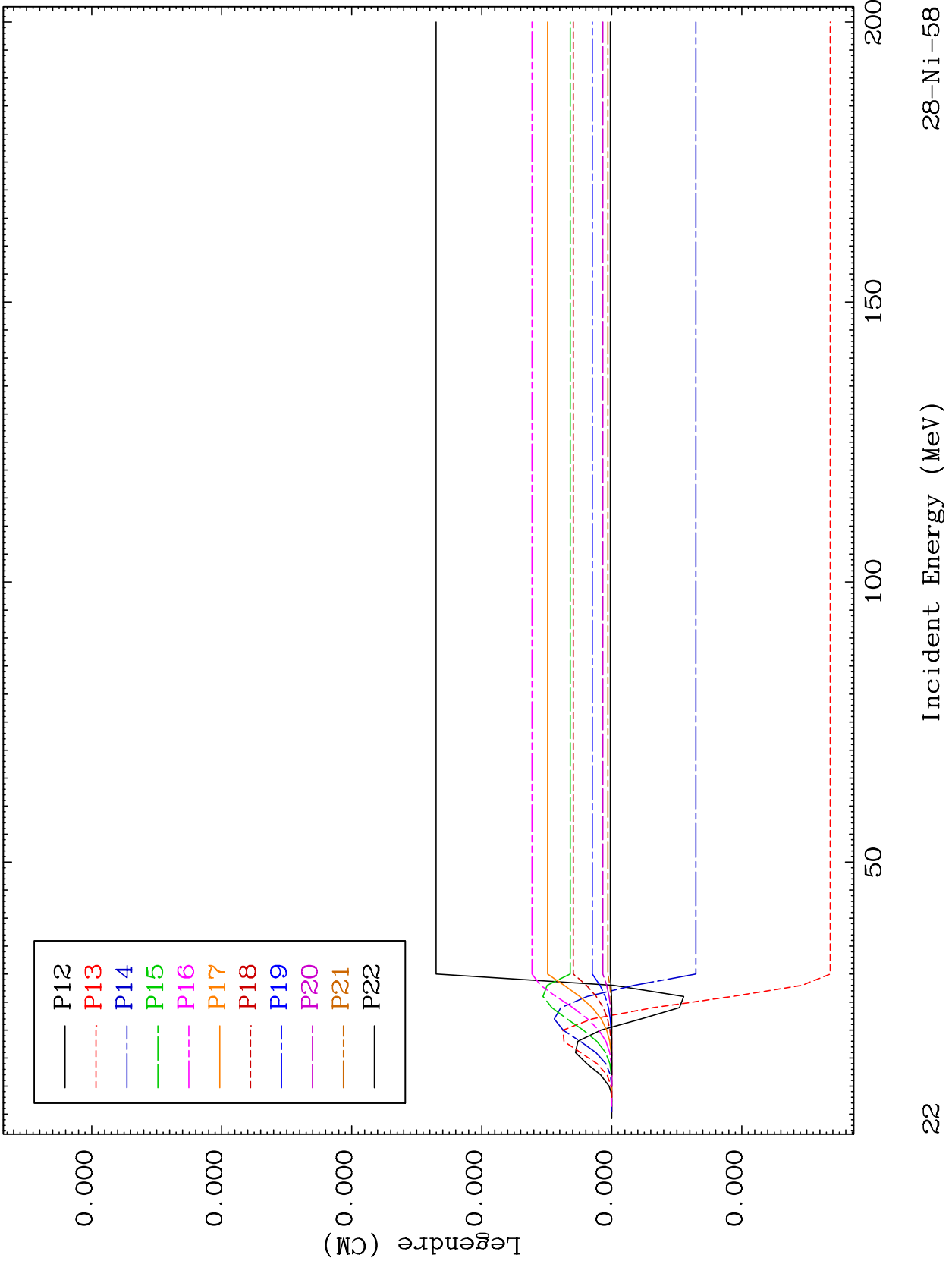
1.454 MeV (n,n') Level
Legendre Coefficients

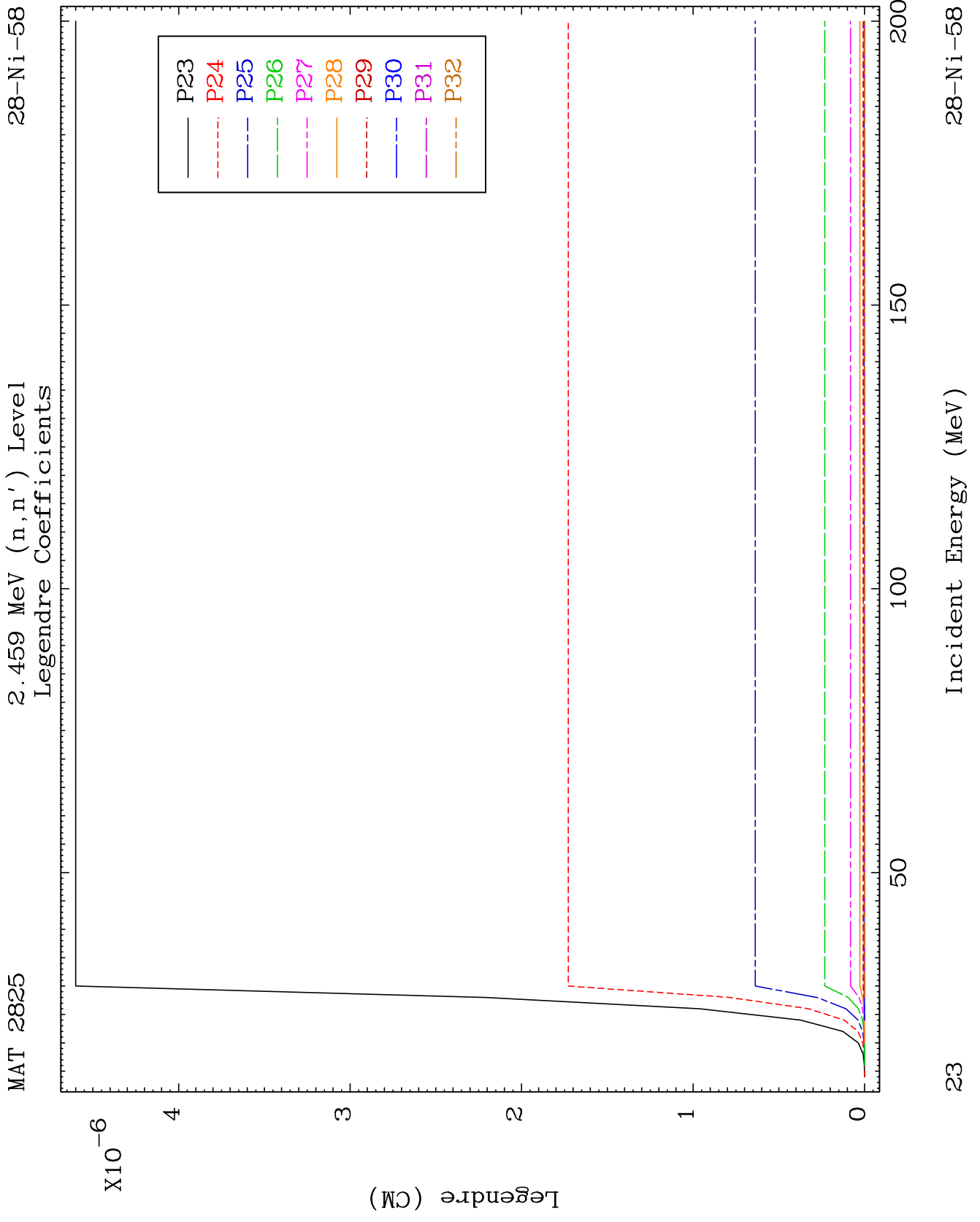
28-Ni-58

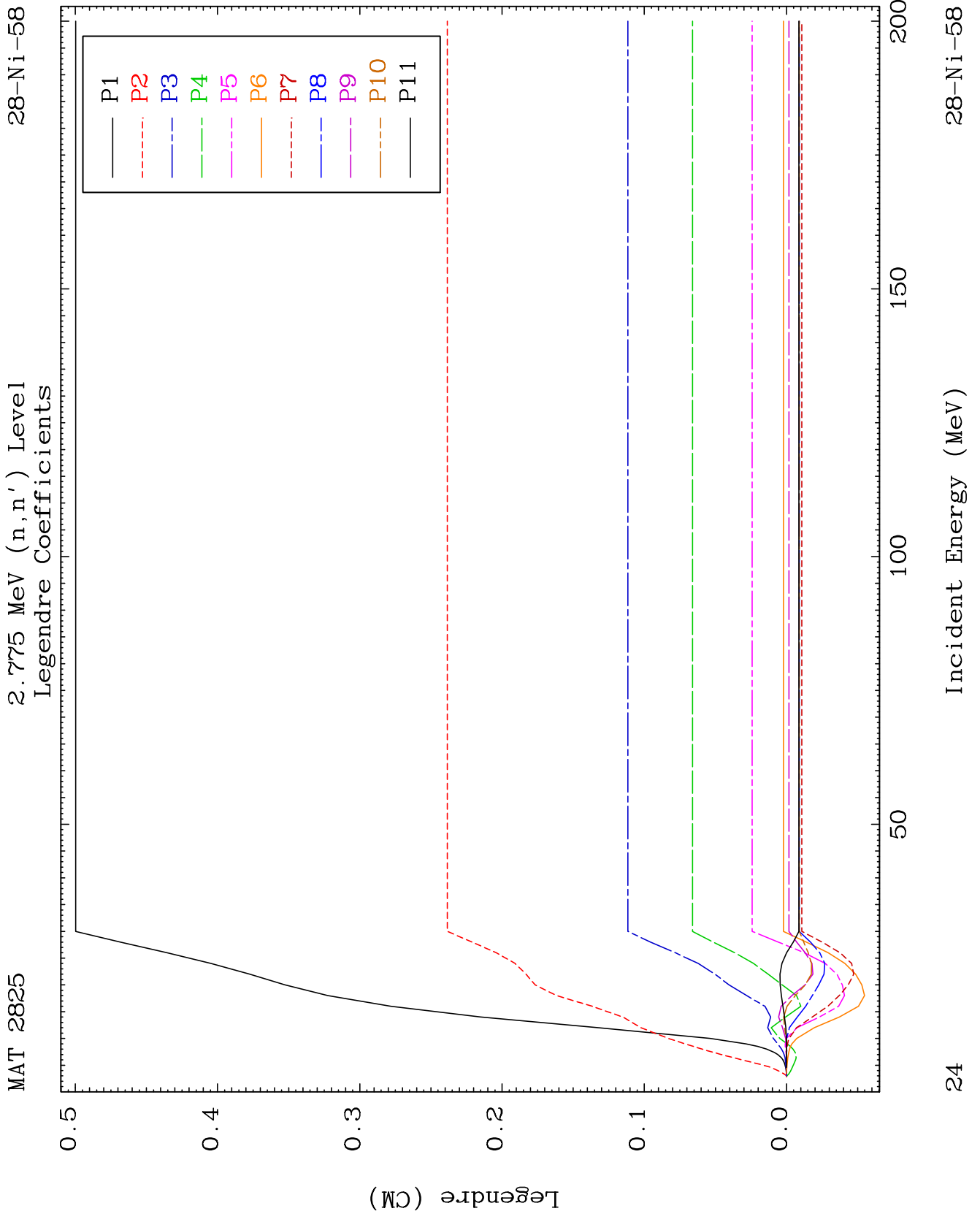


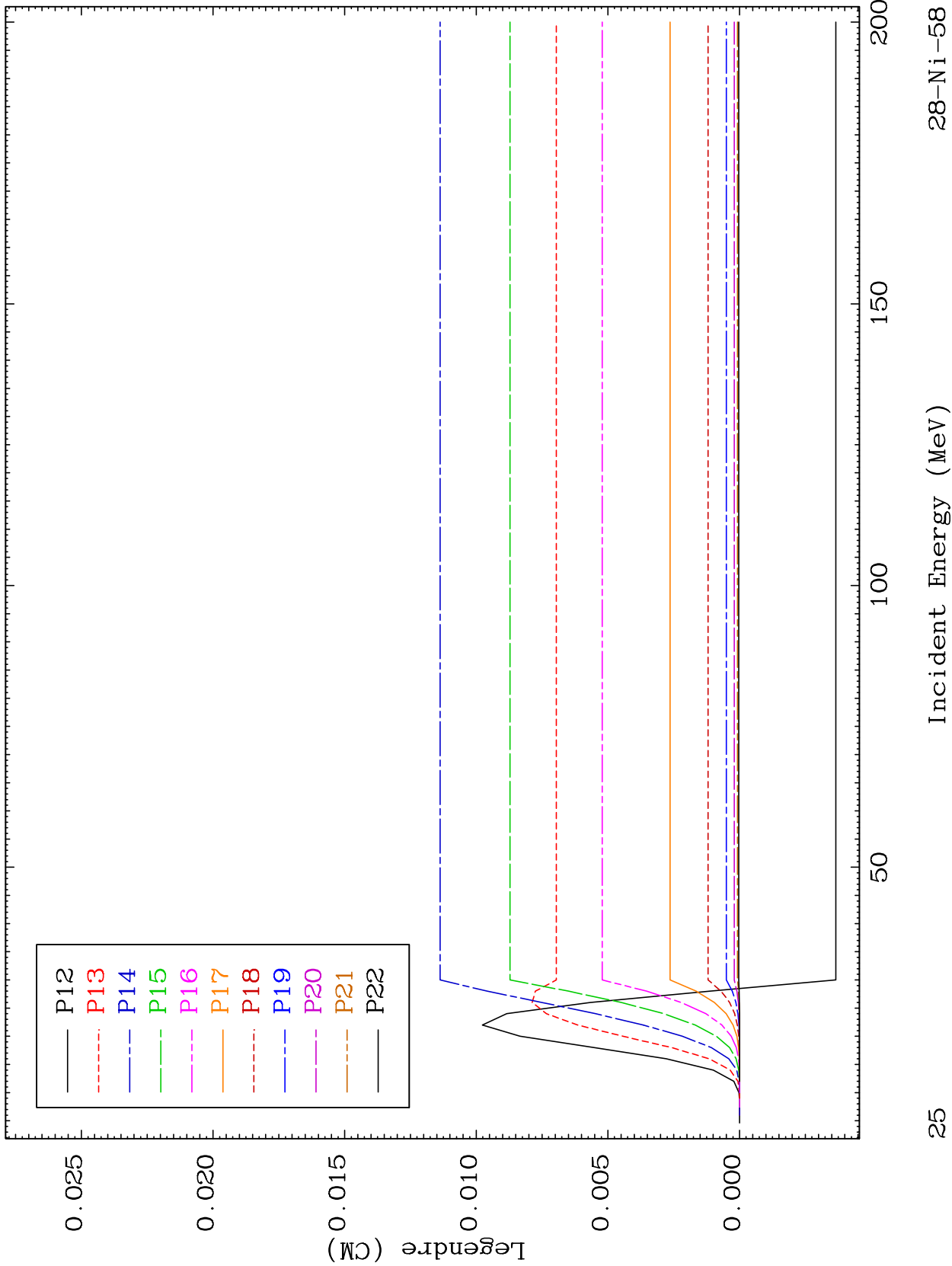
19

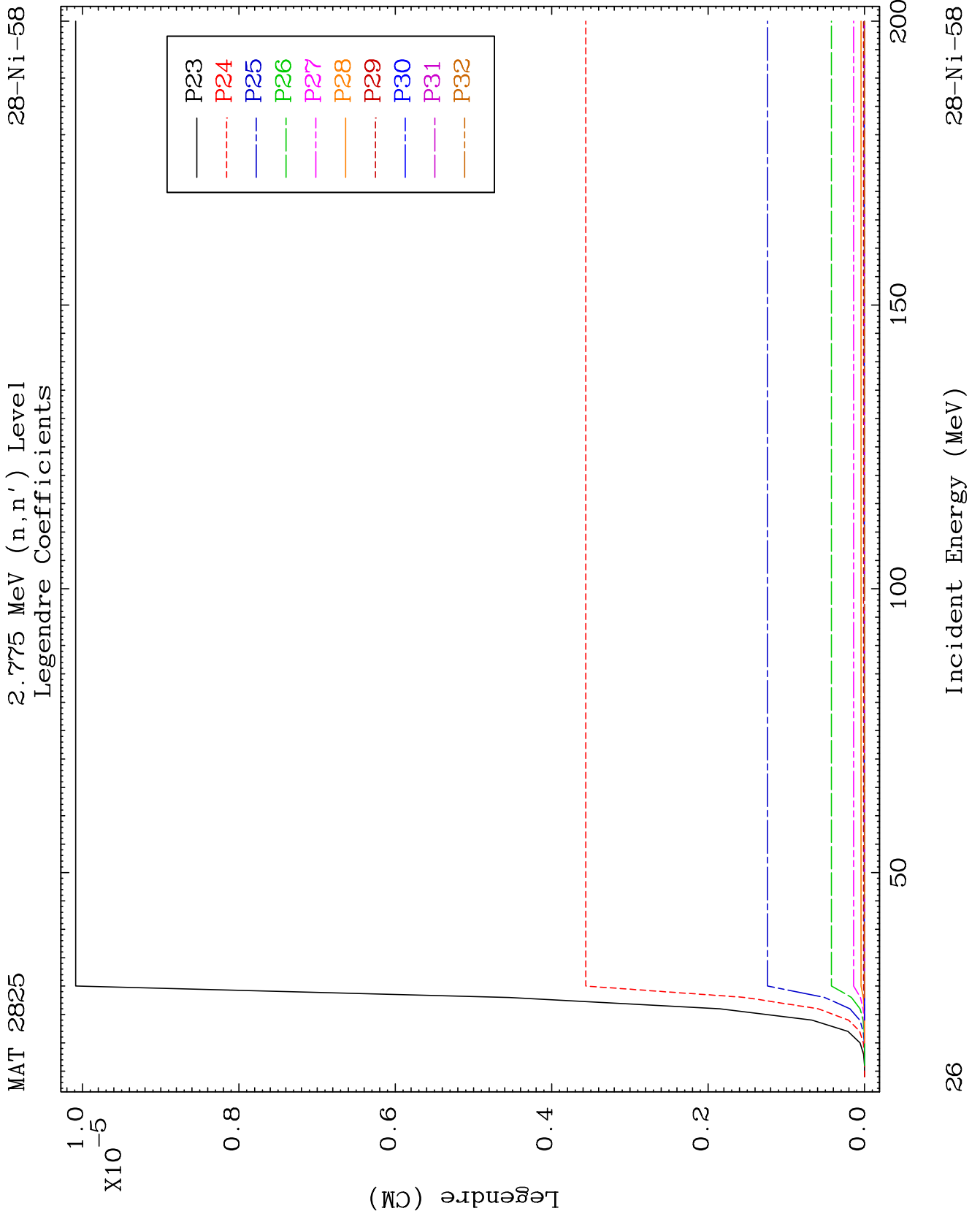


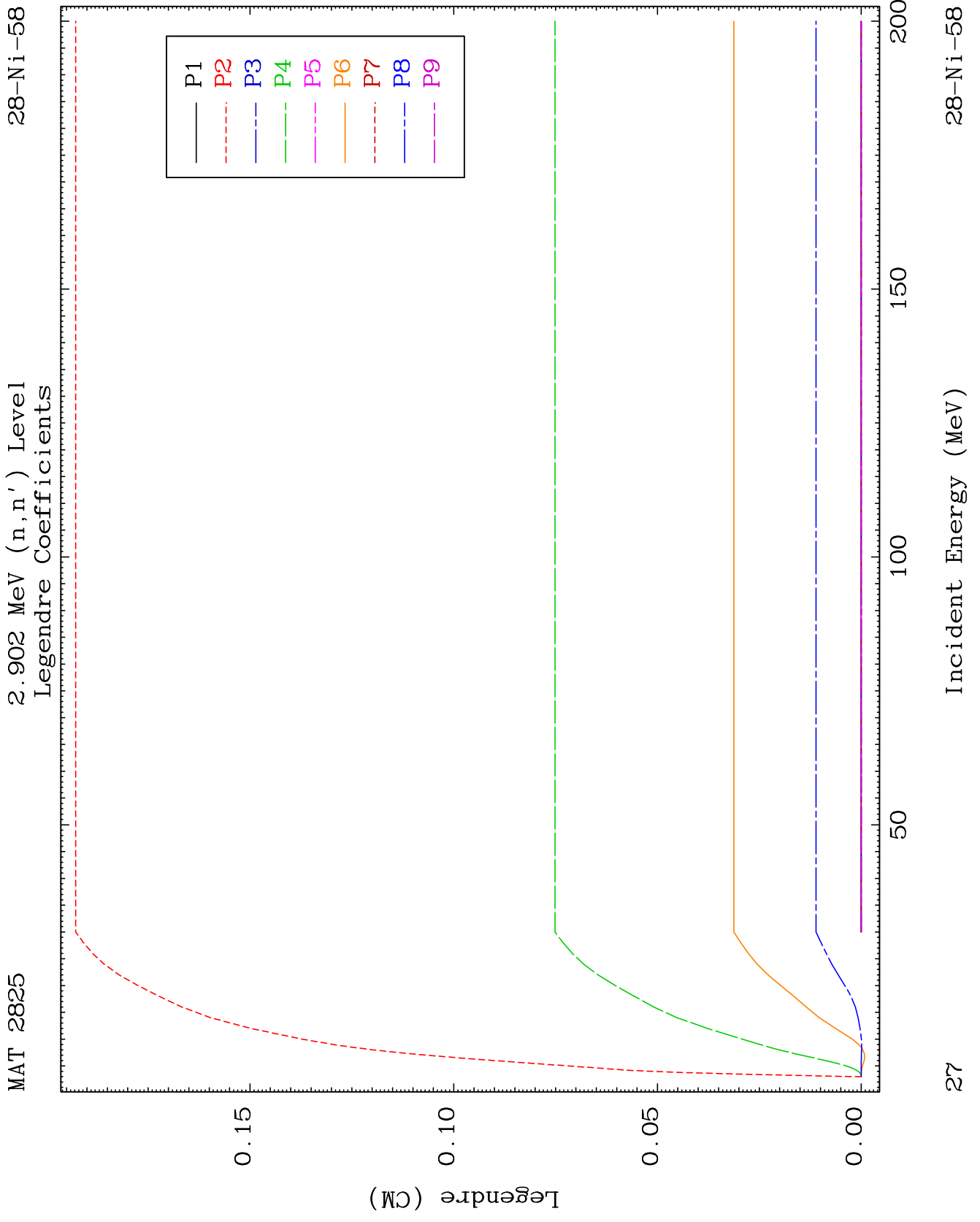








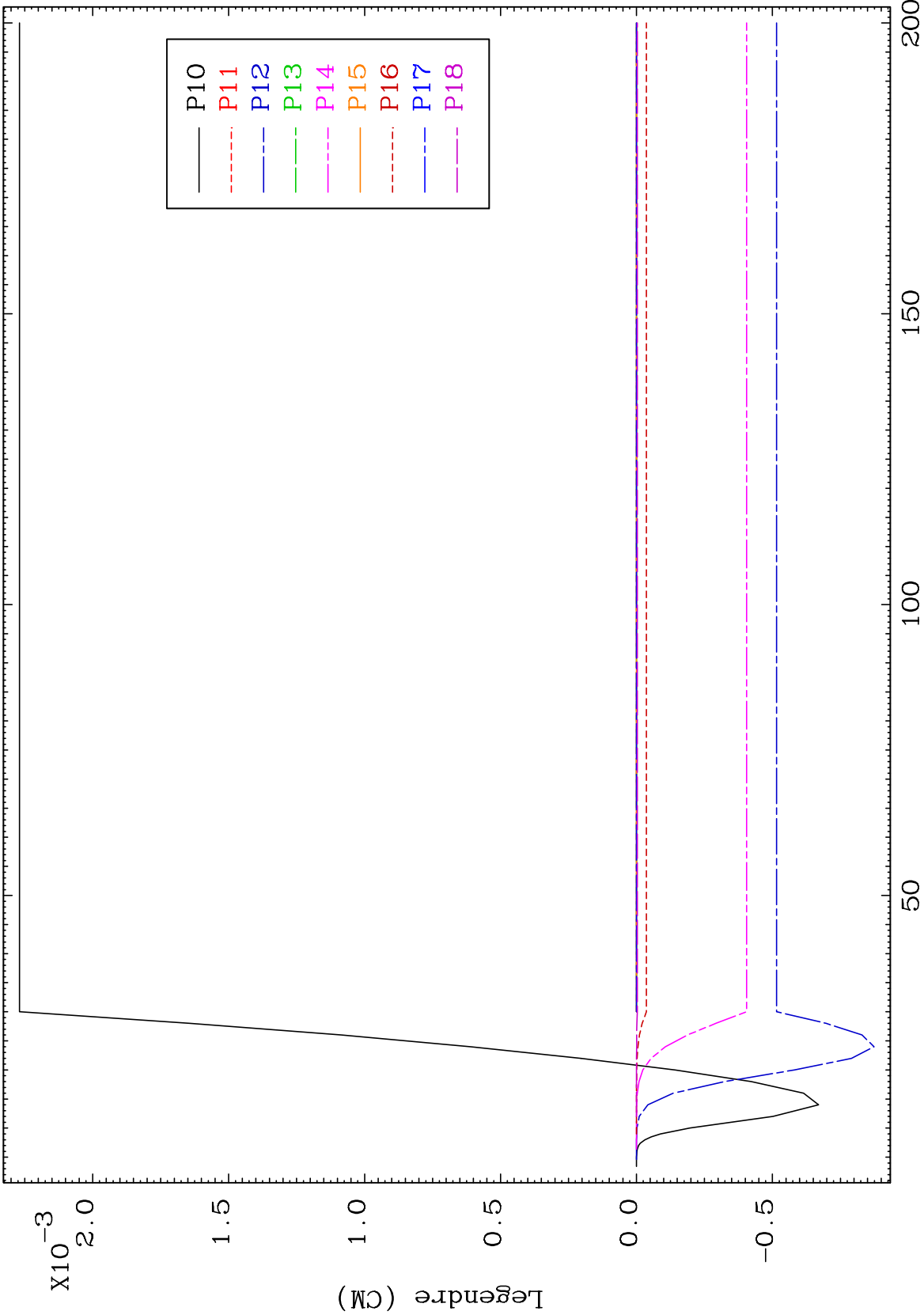




MAT 2825

2.902 MeV (n,n') Level
Legendre Coefficients

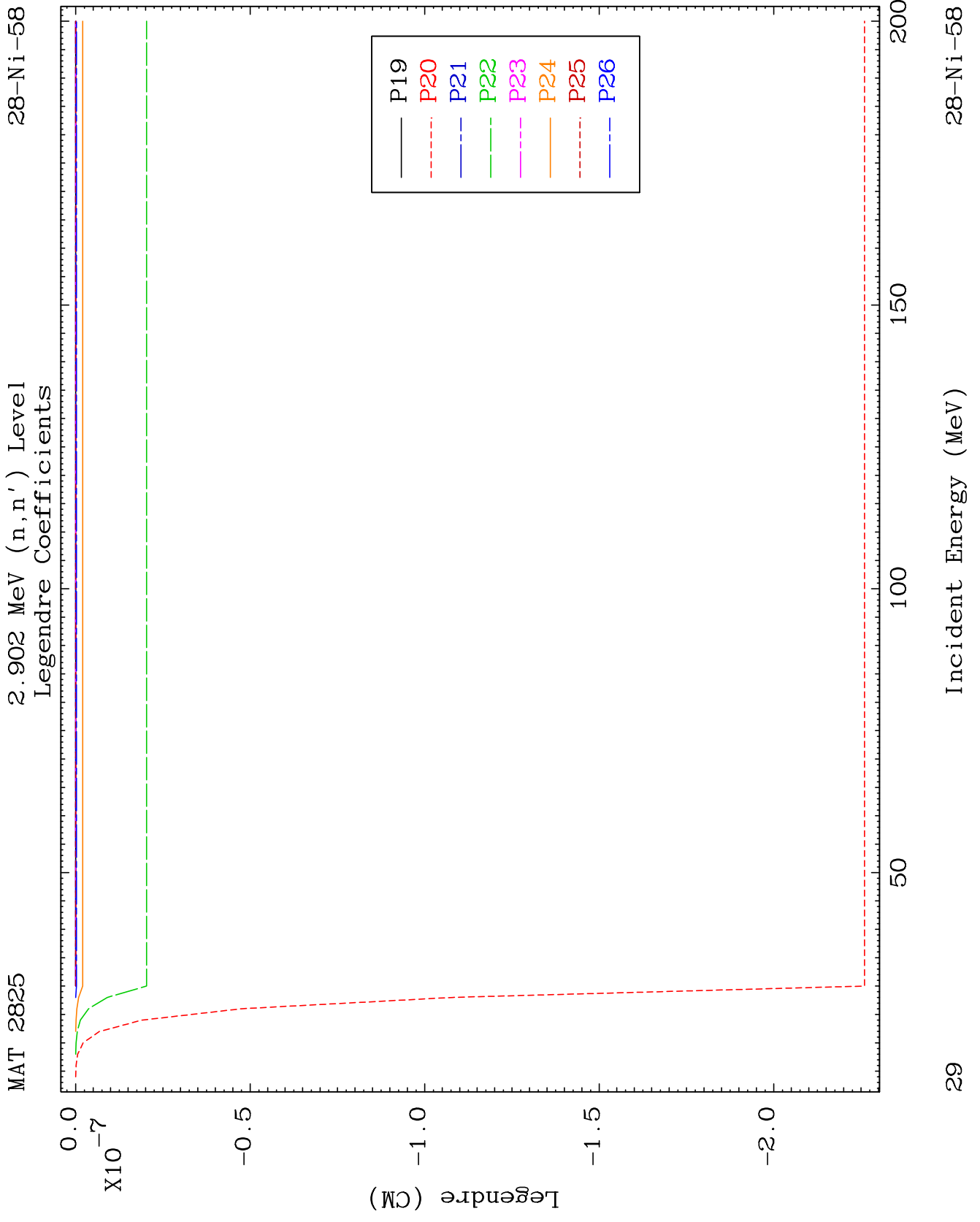
28-Ni-58

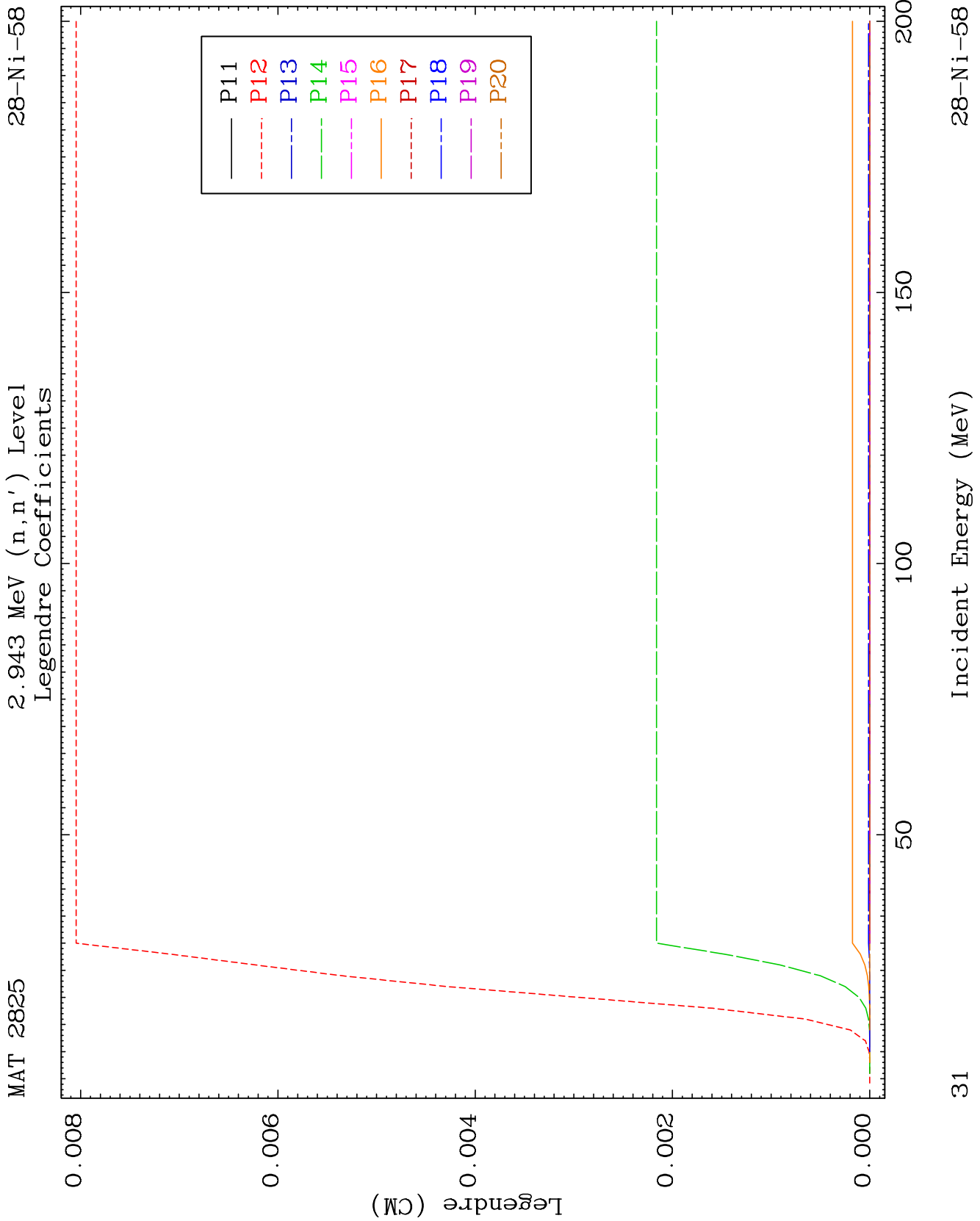


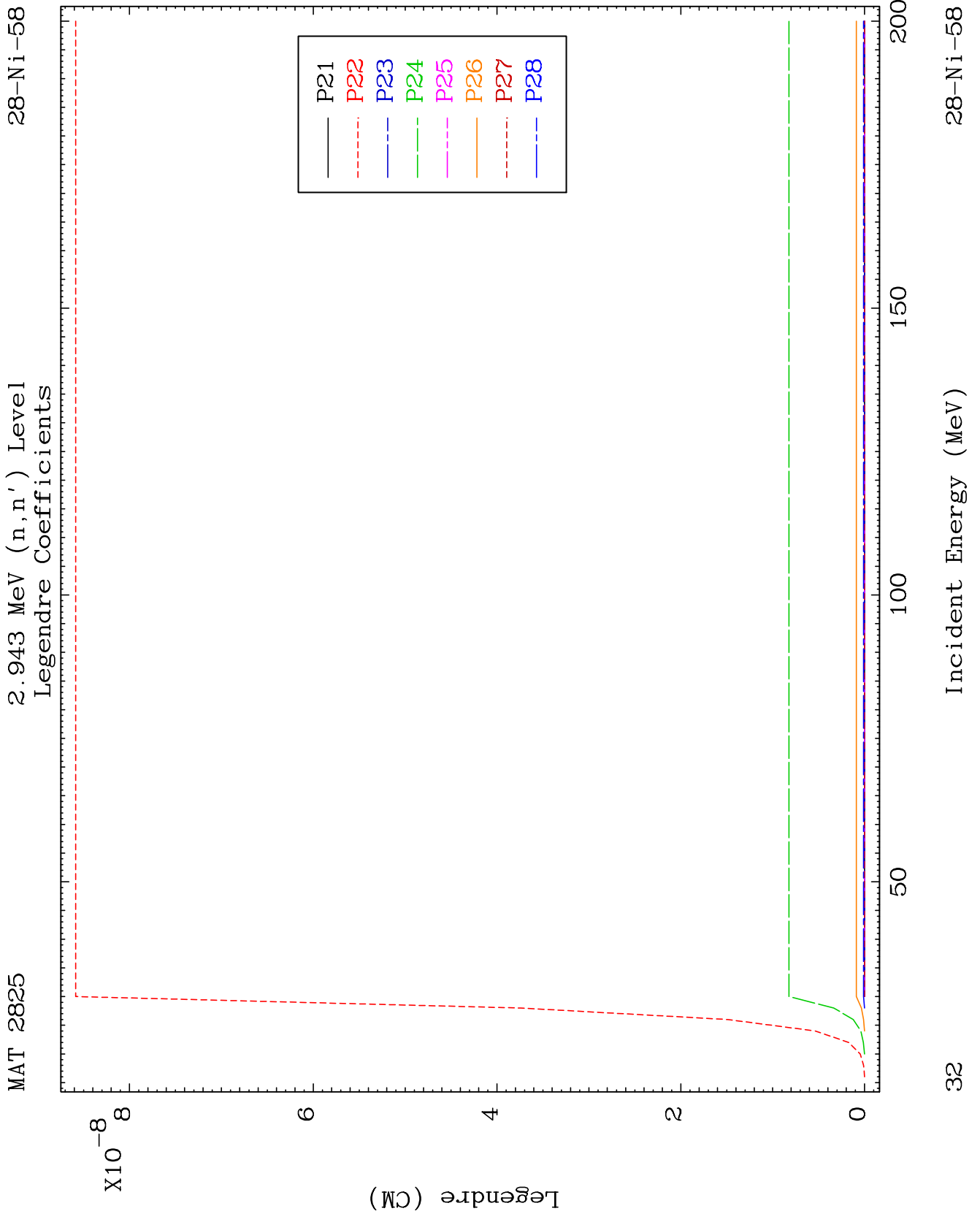
28

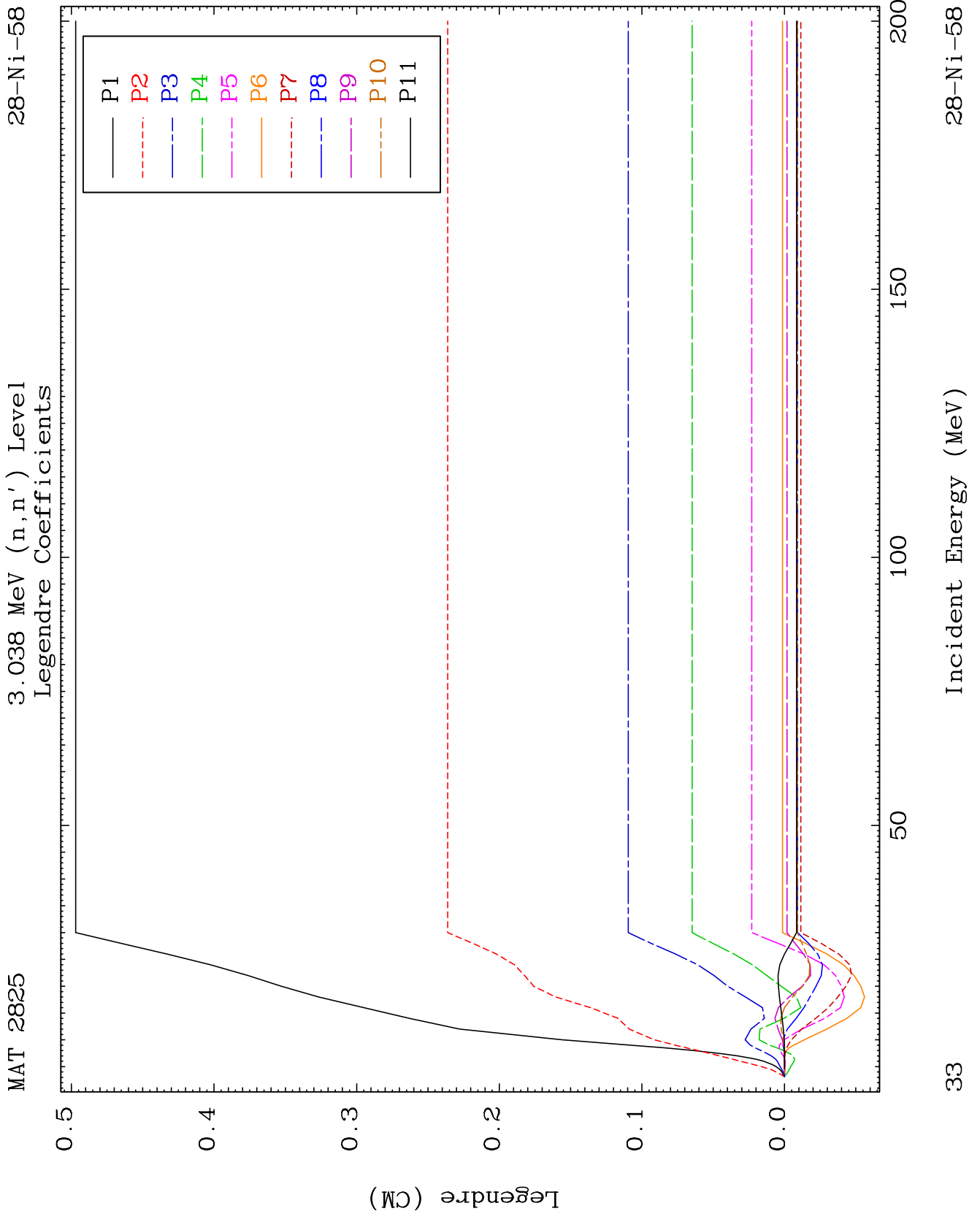
Incident Energy (MeV)

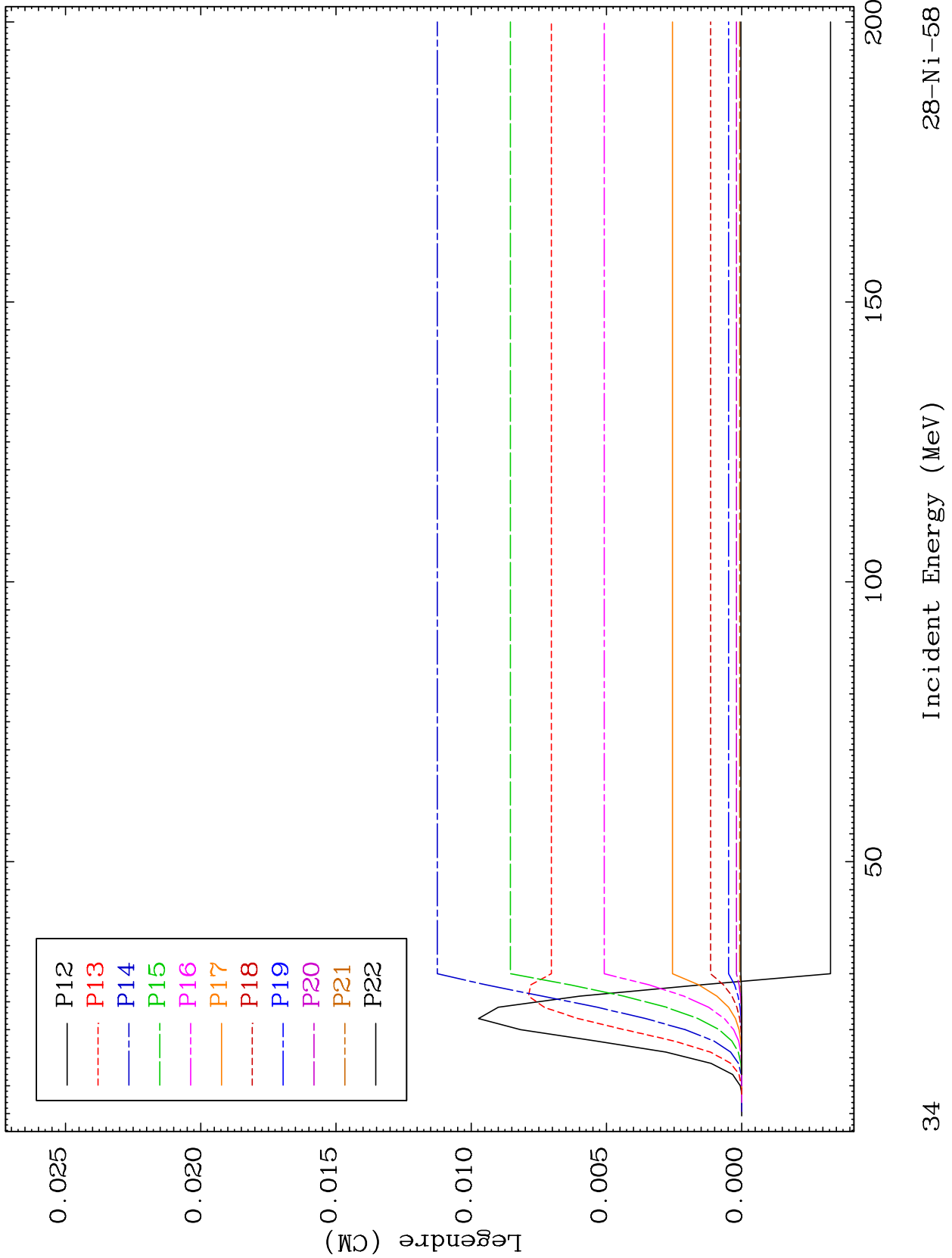
28-Ni-58

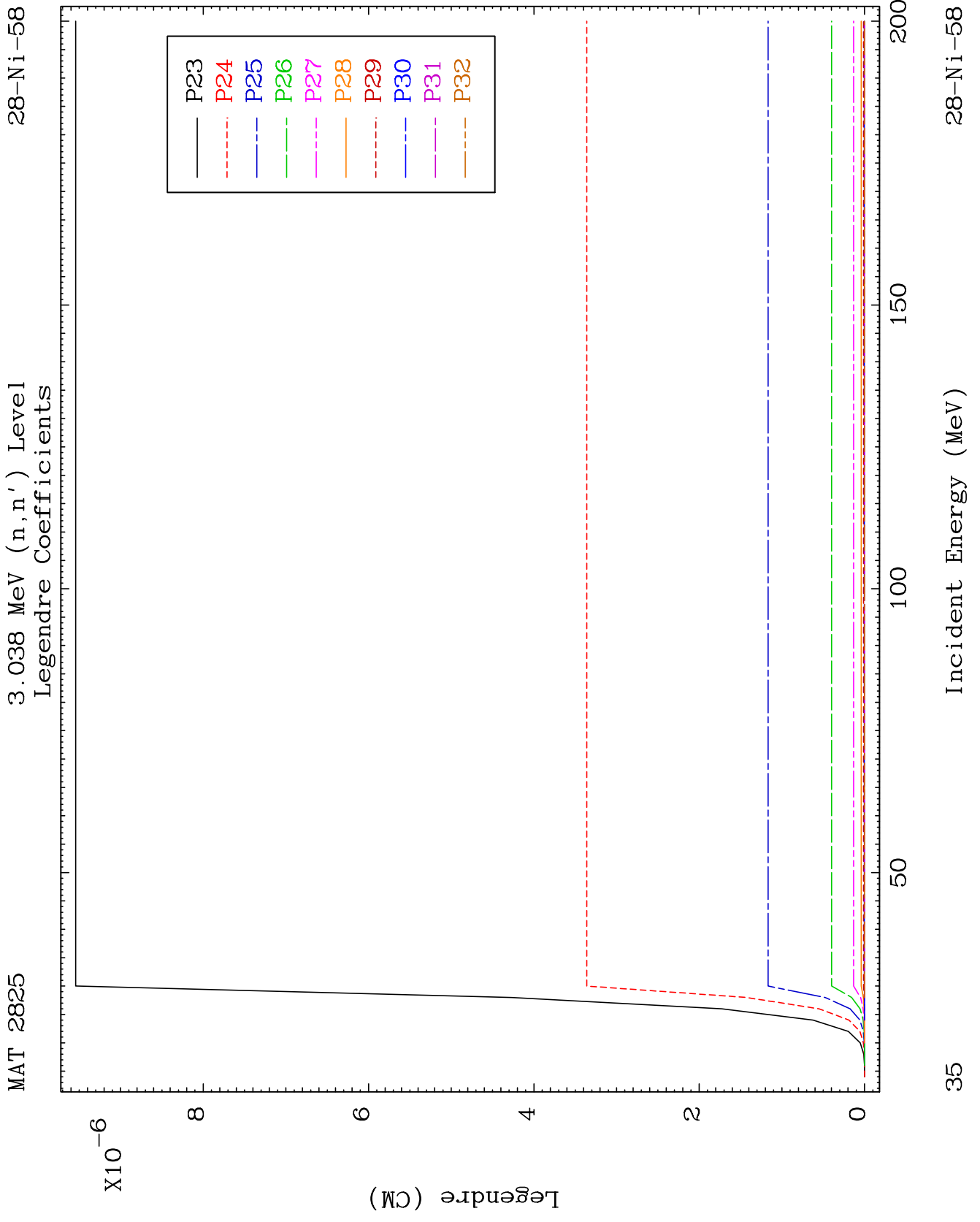


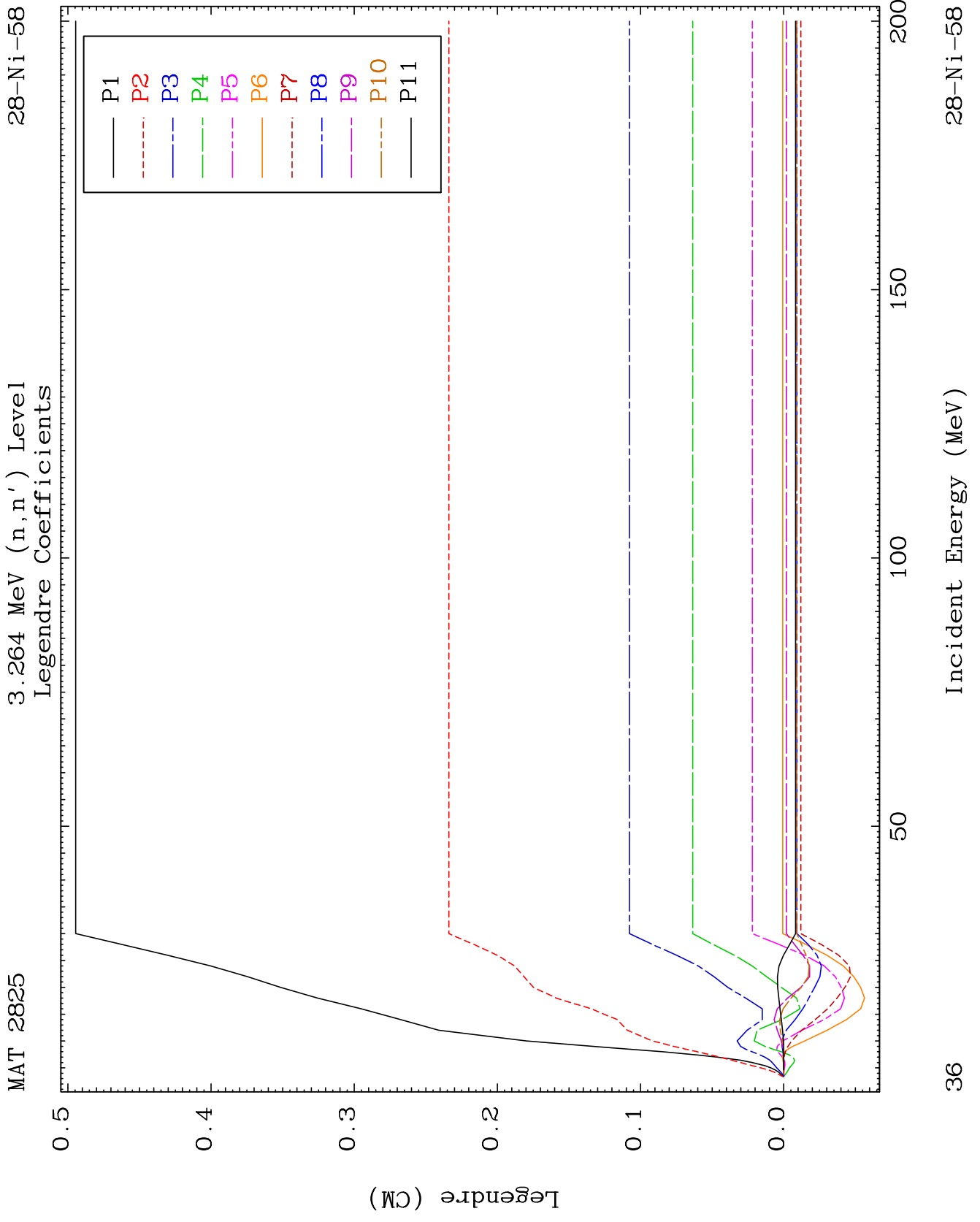


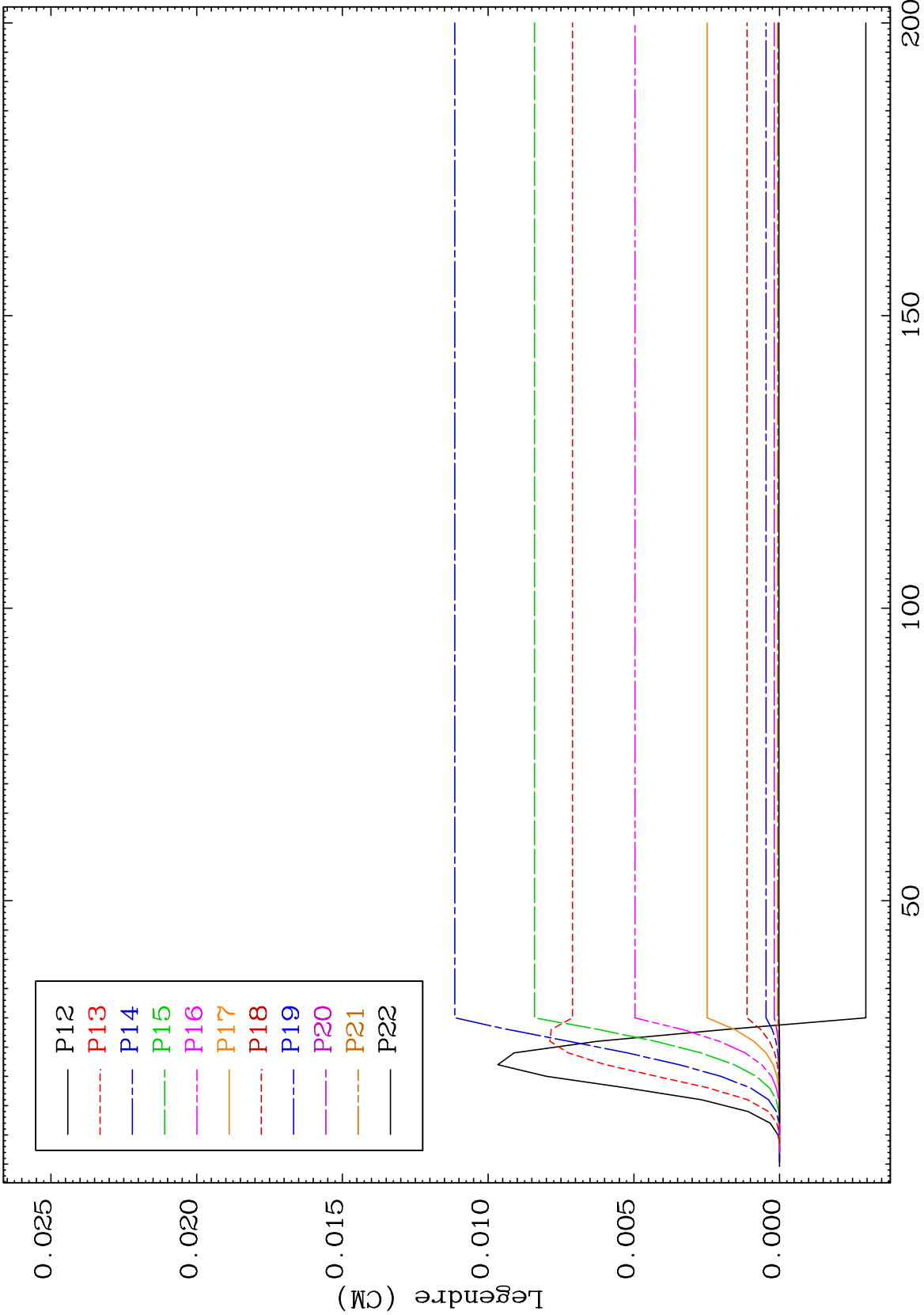


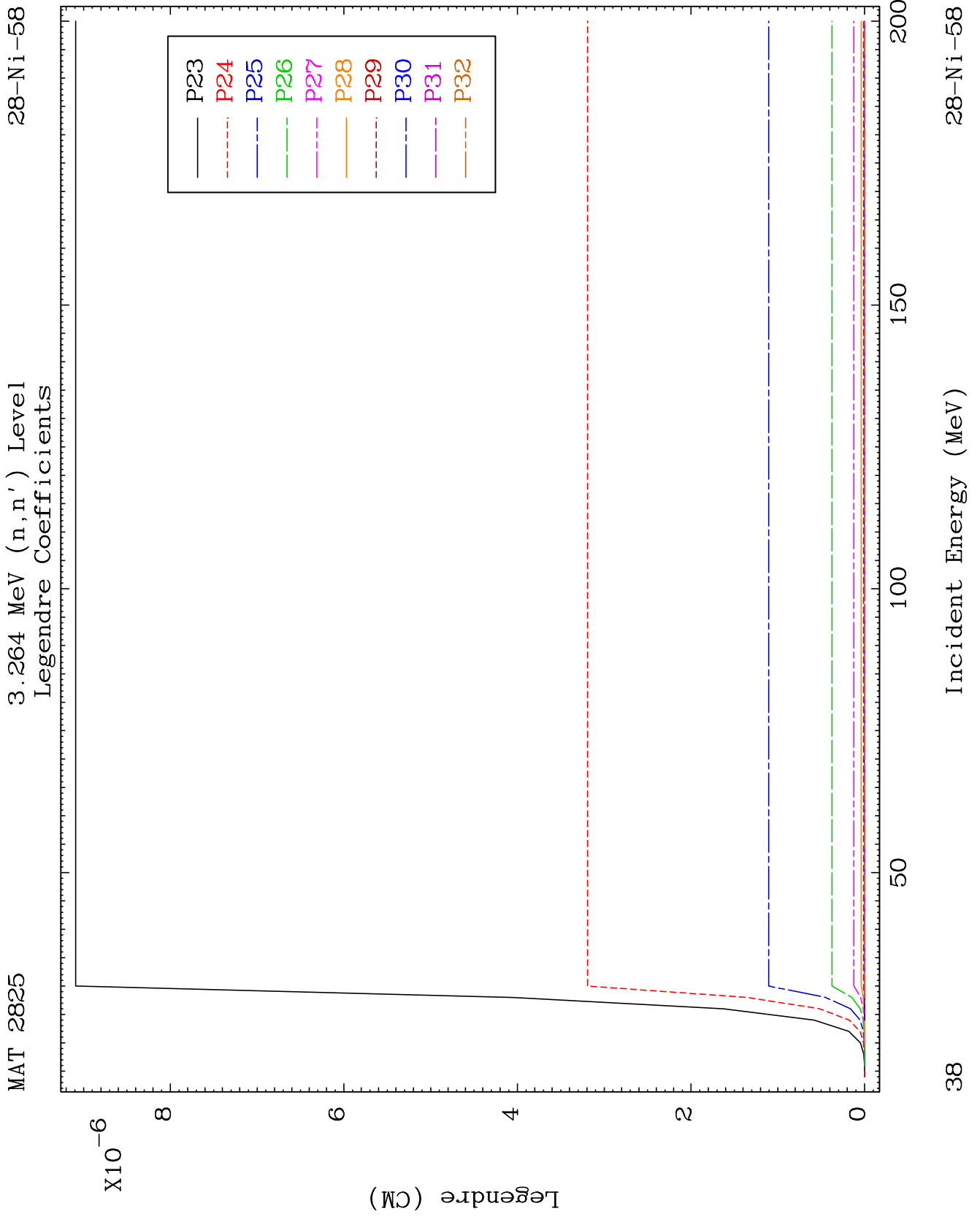


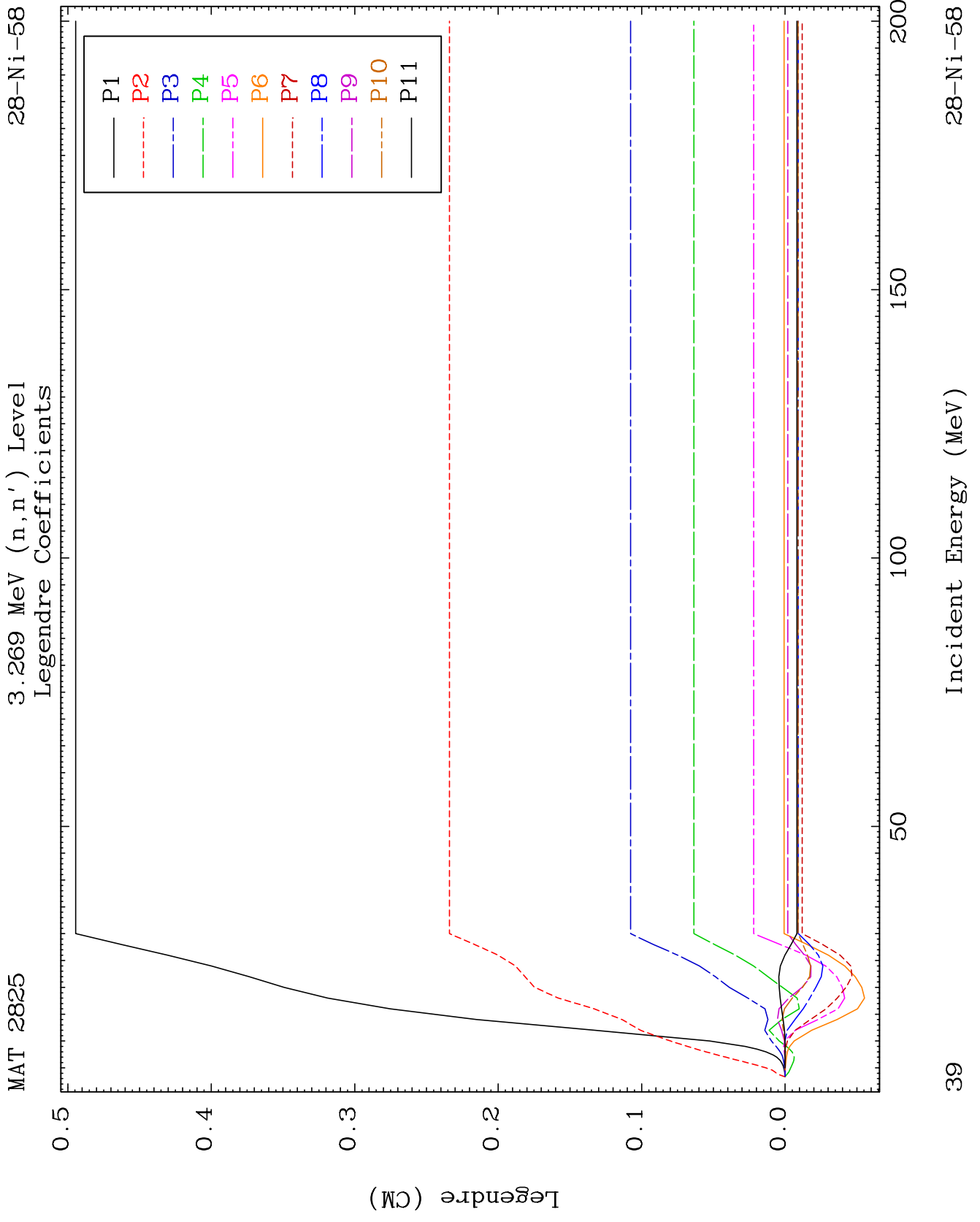








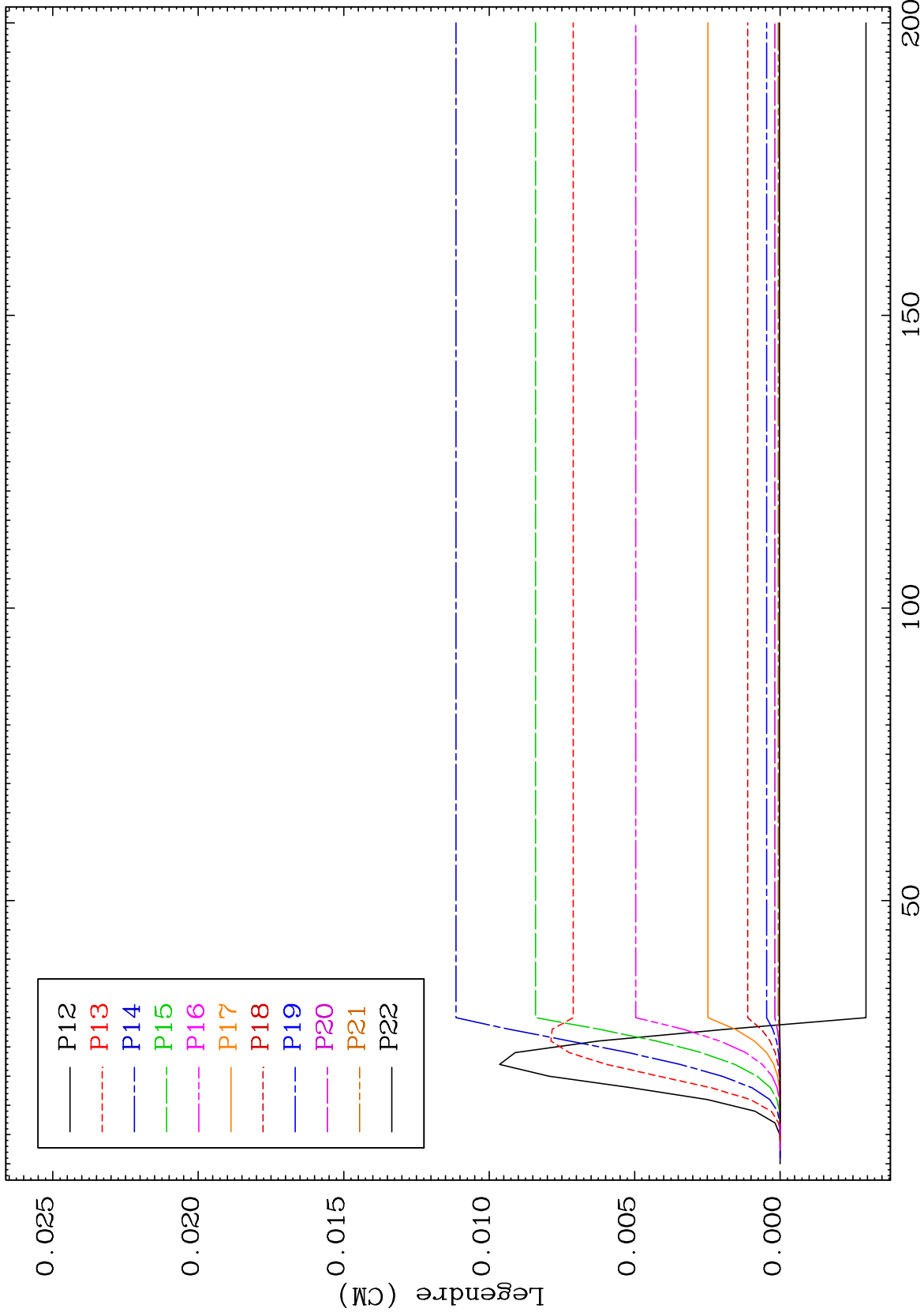




MAT 2825

3.269 MeV (n,n') Level
Legendre Coefficients

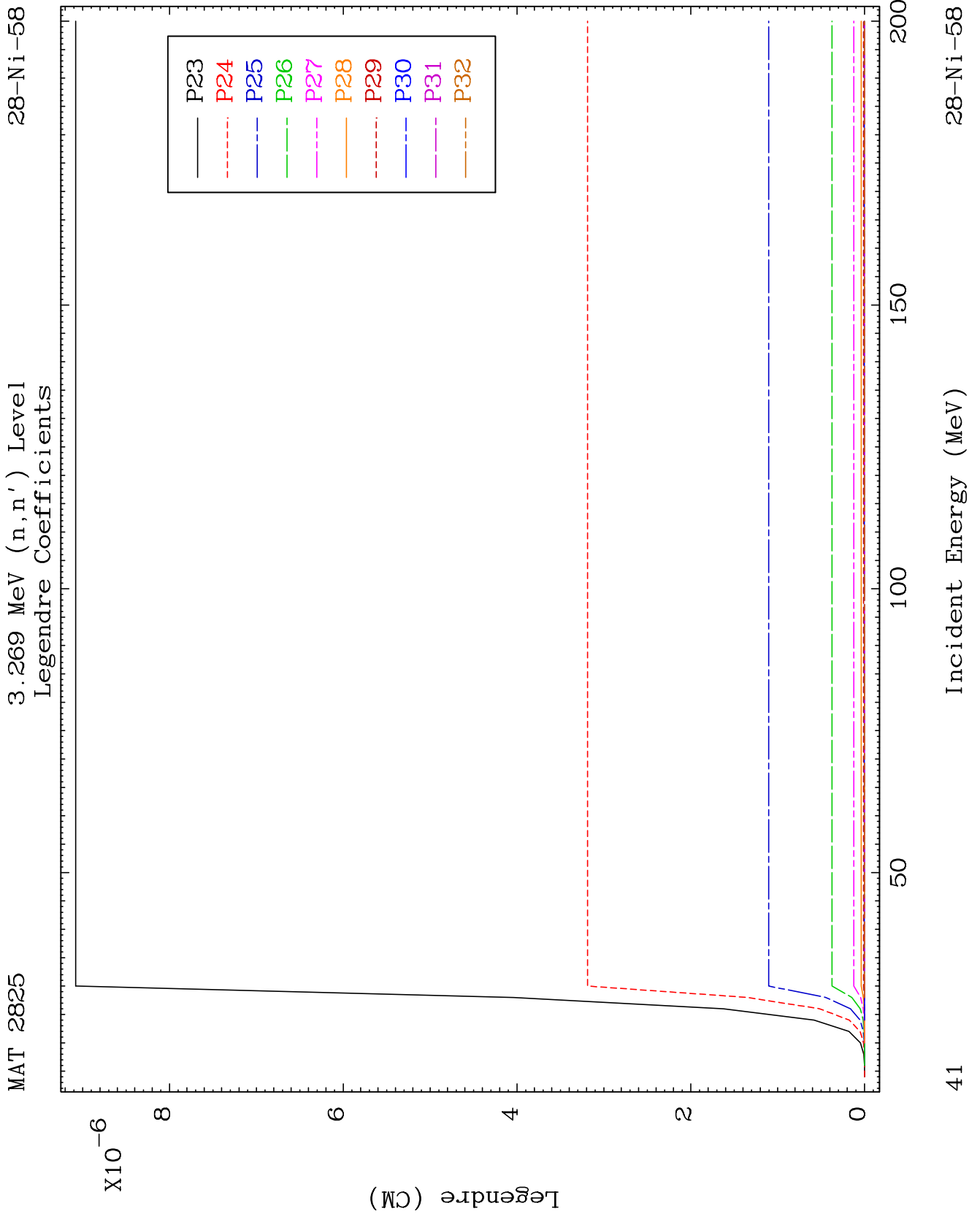
28-Ni-58

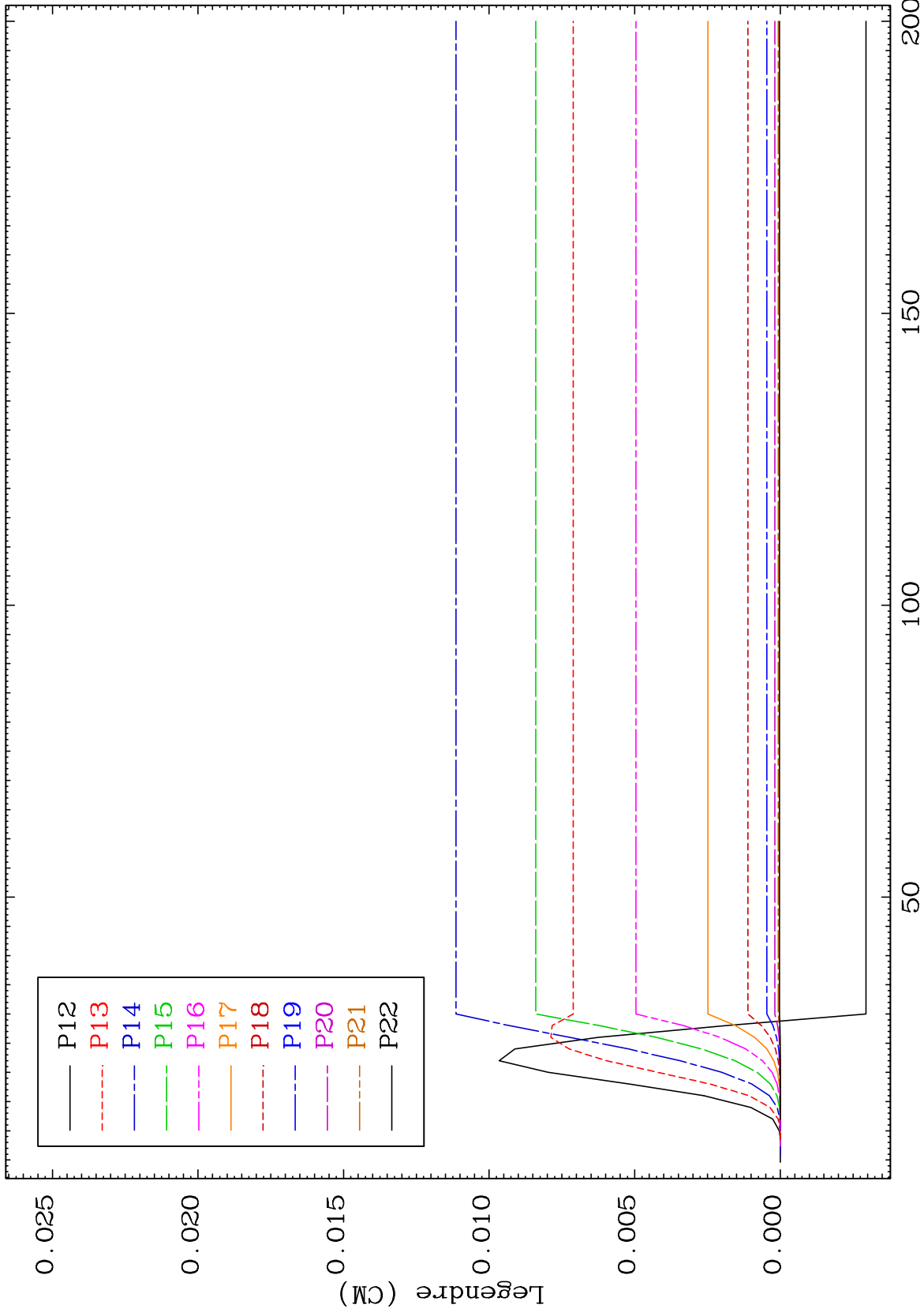


40

Incident Energy (MeV)

28-Ni-58

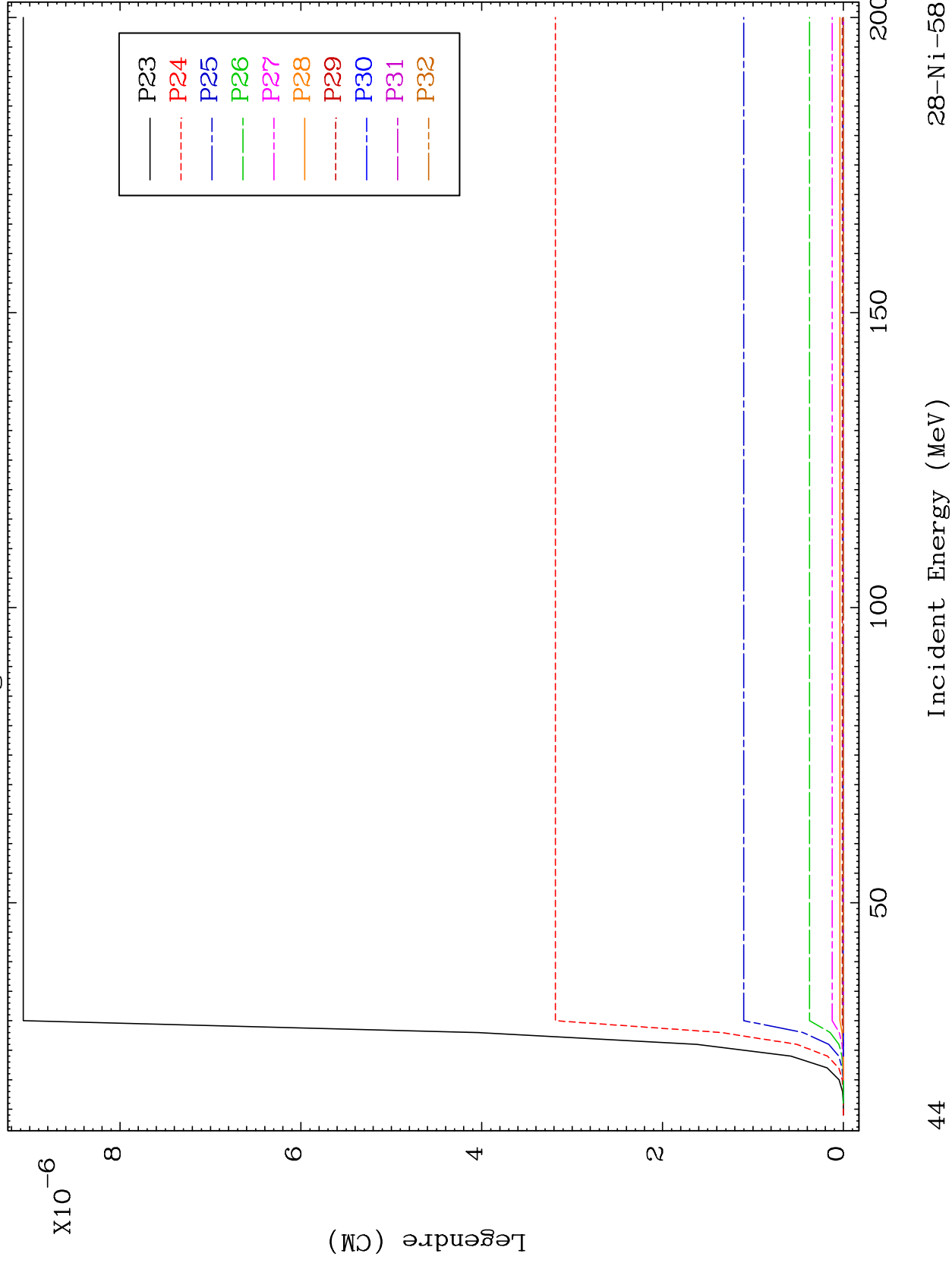




MAT 2825

3.274 MeV (n,n') Level
Legendre Coefficients

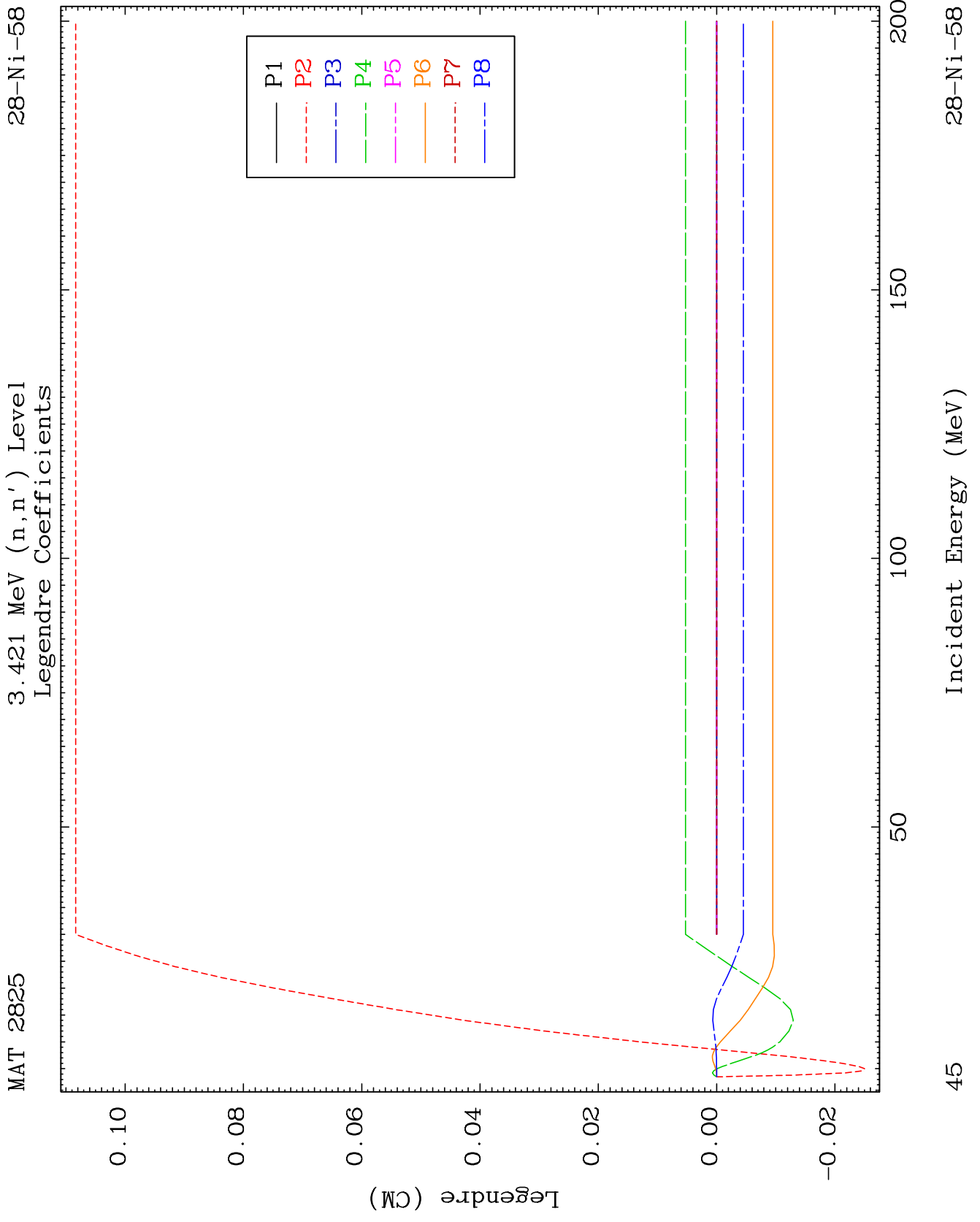
28-Ni-58

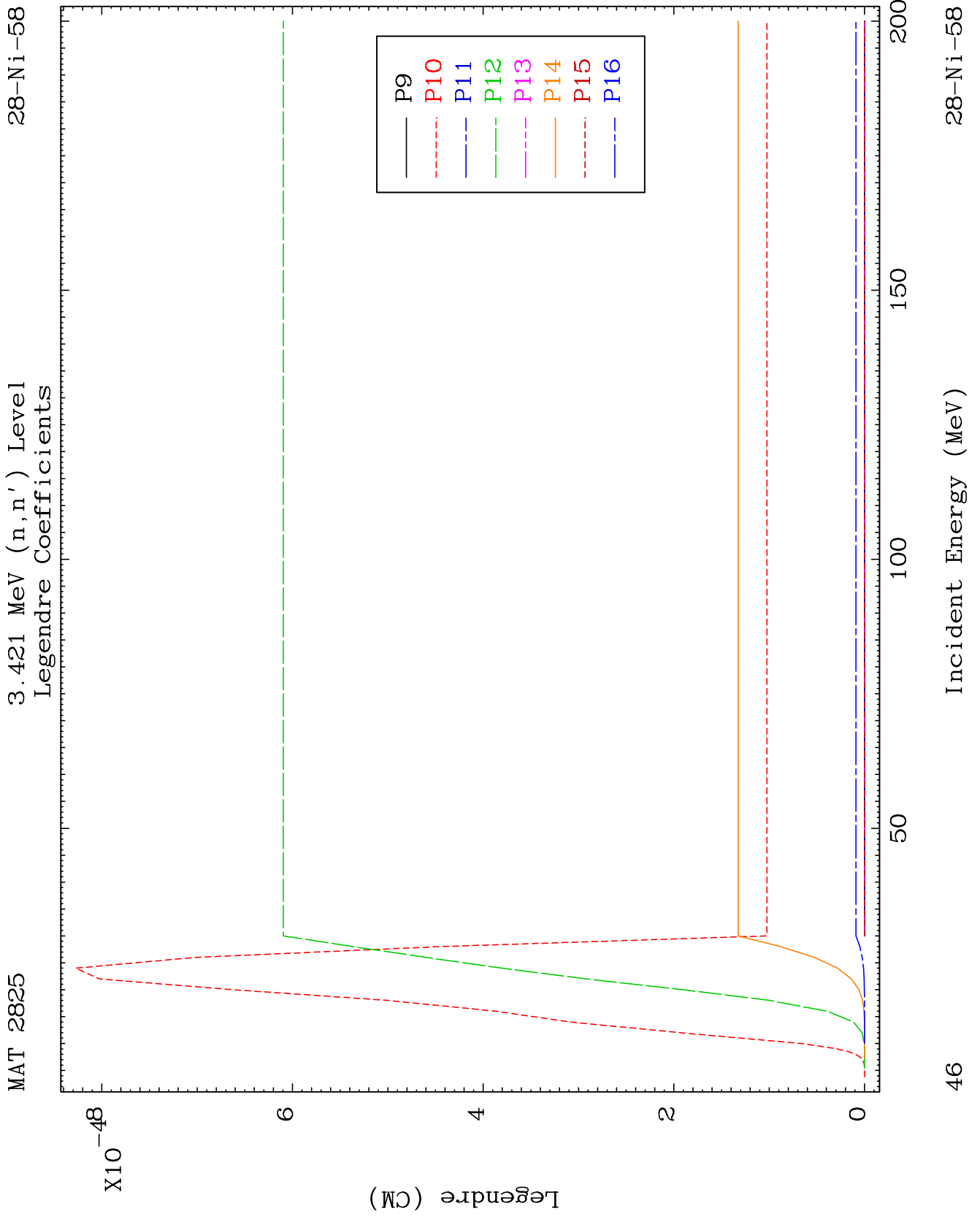


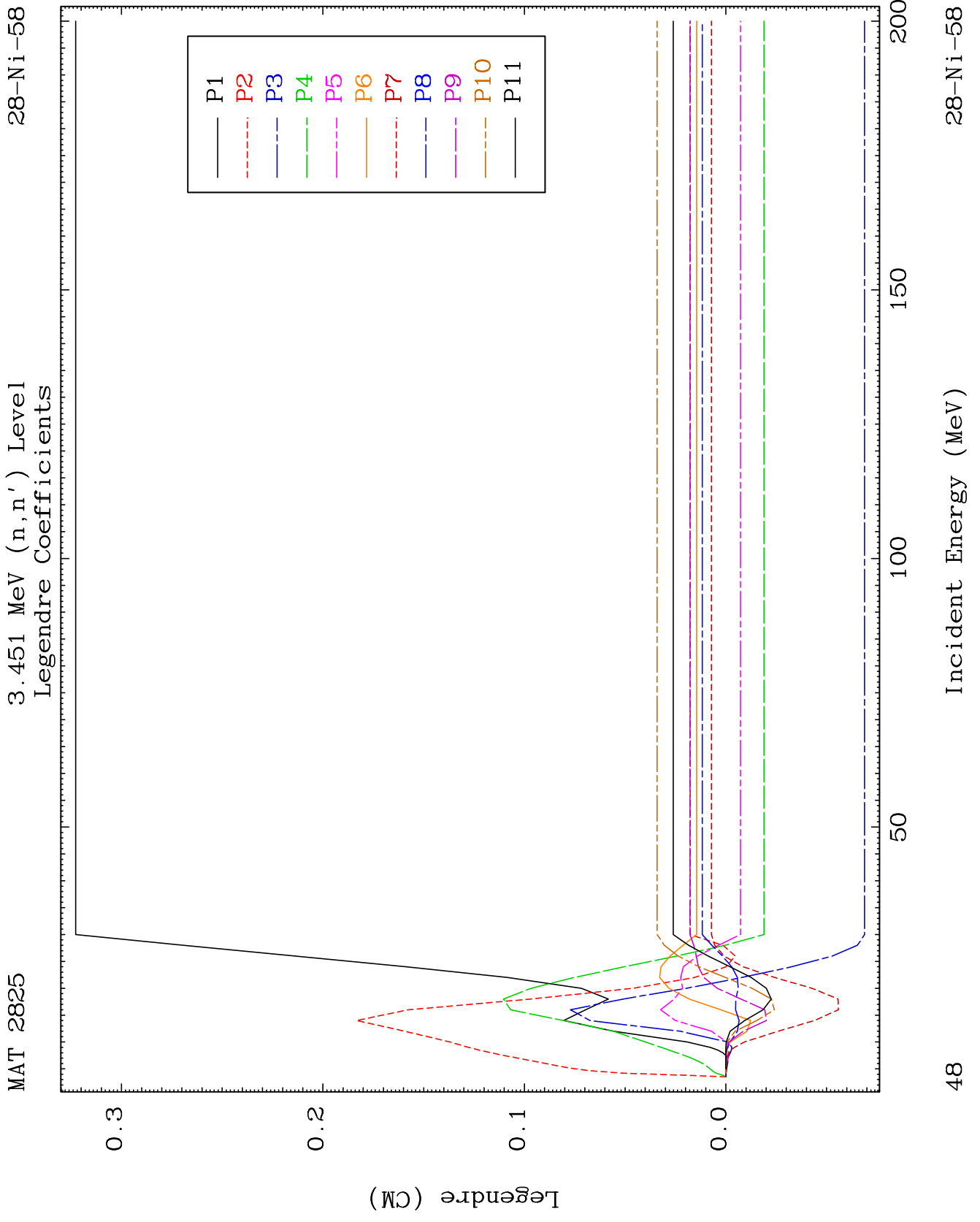
44

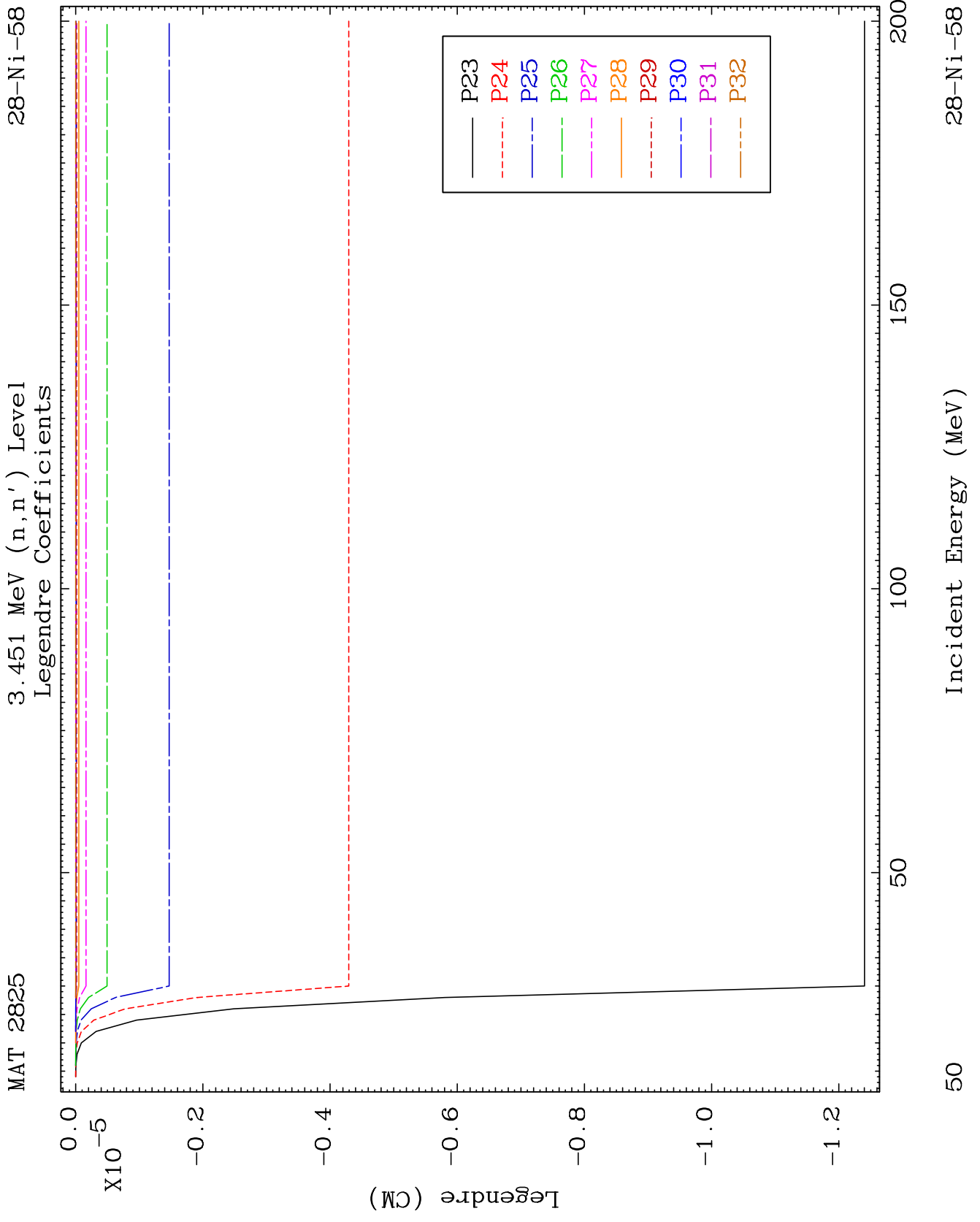
Incident Energy (MeV)

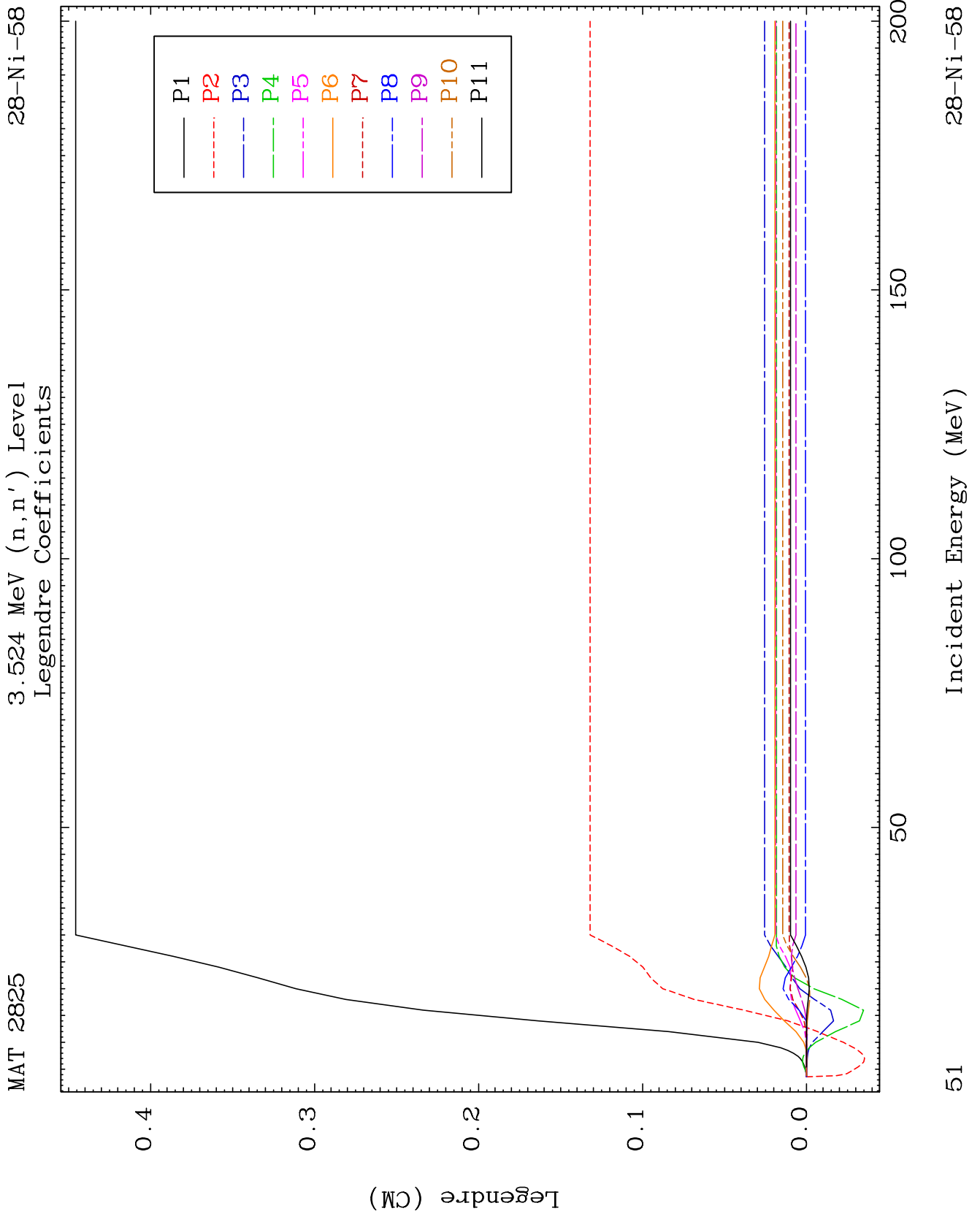
28-Ni-58

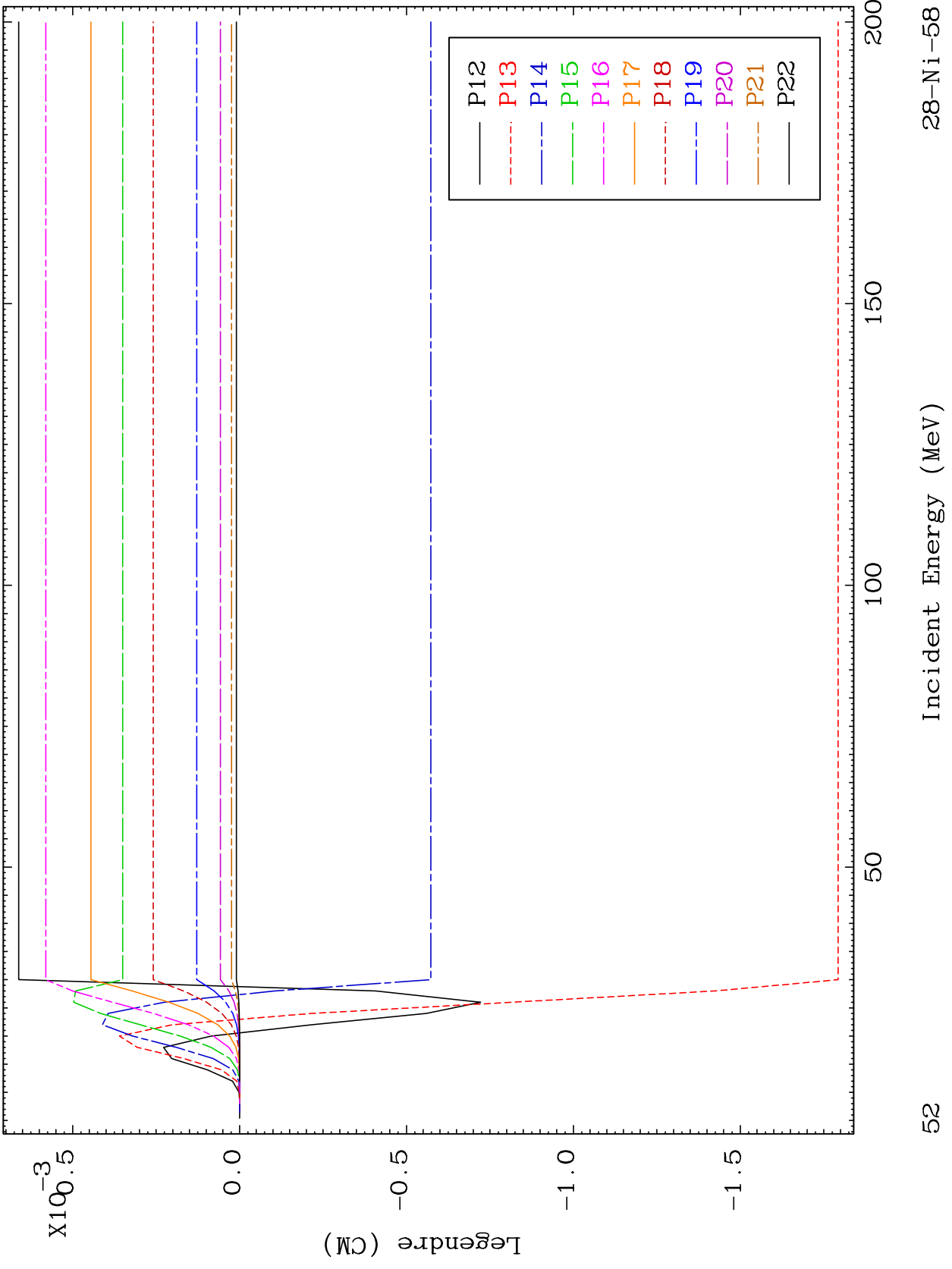


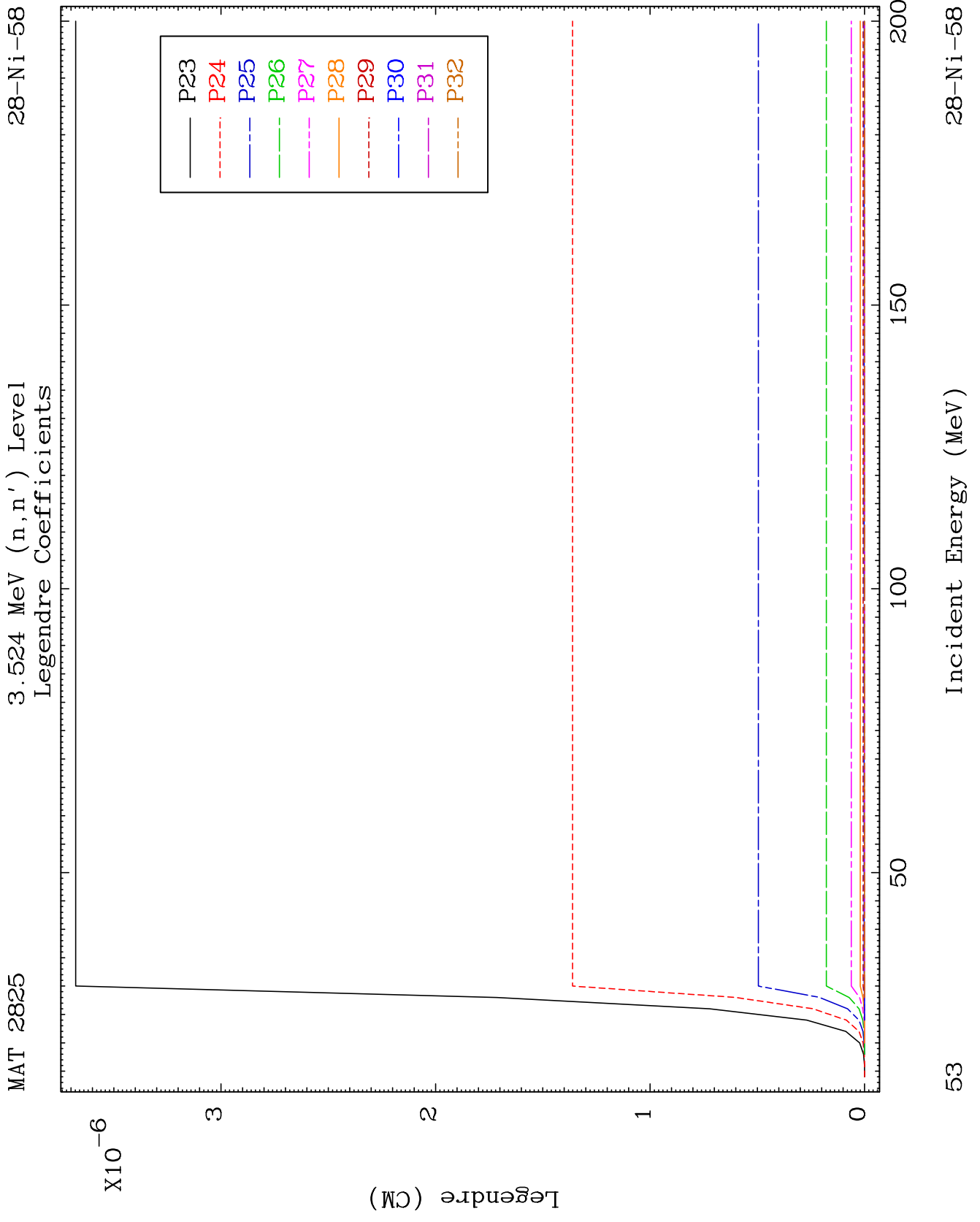


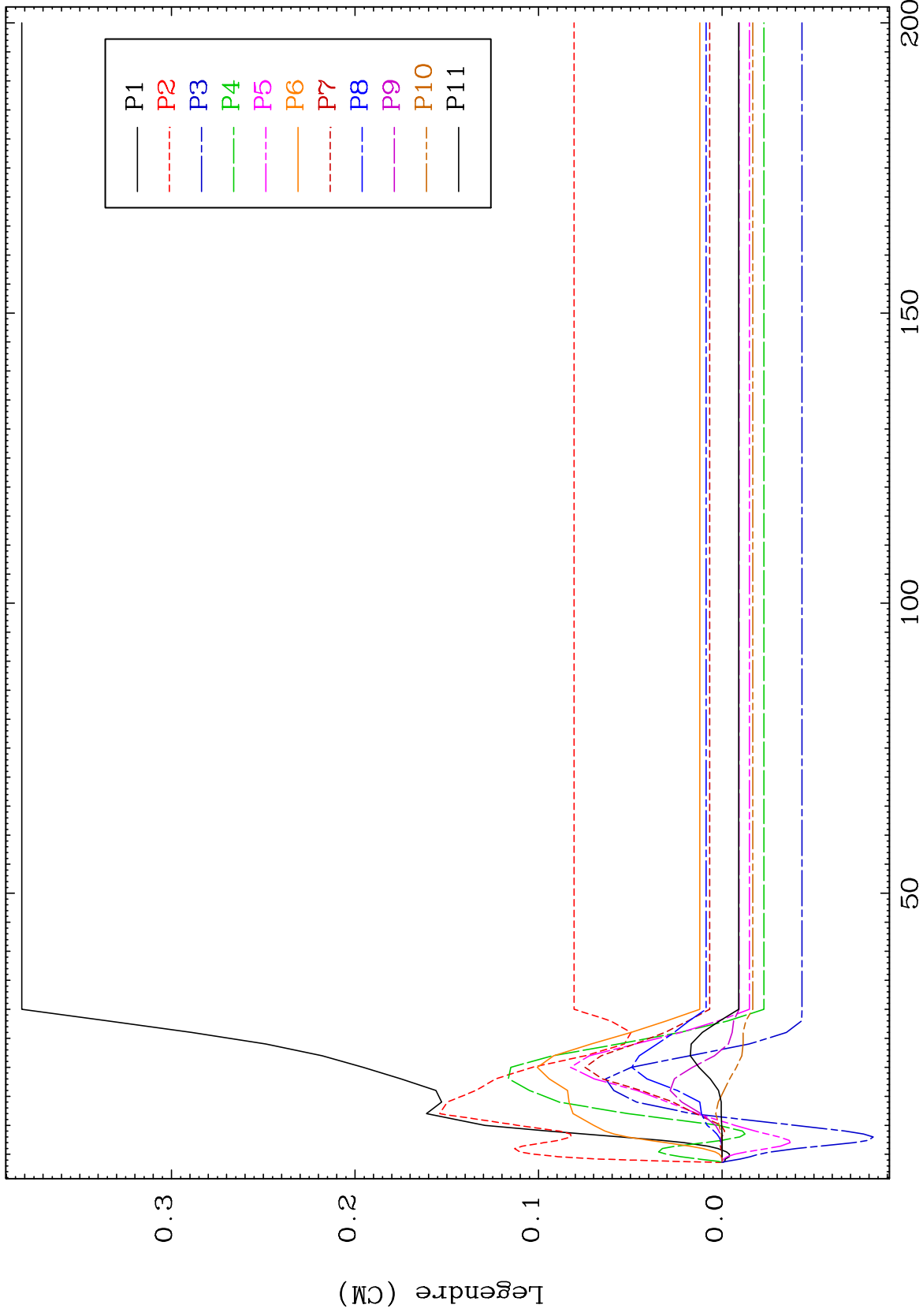


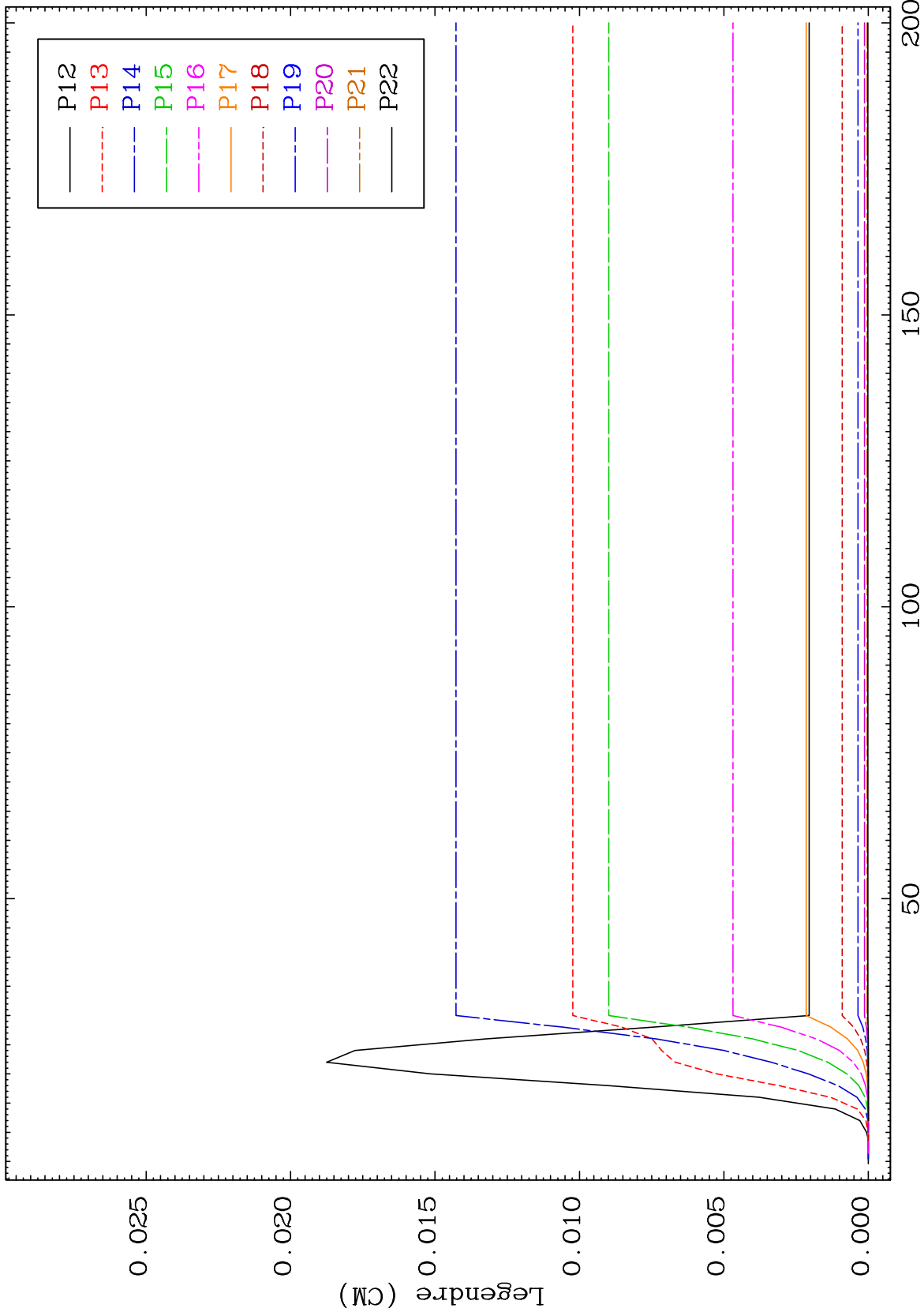


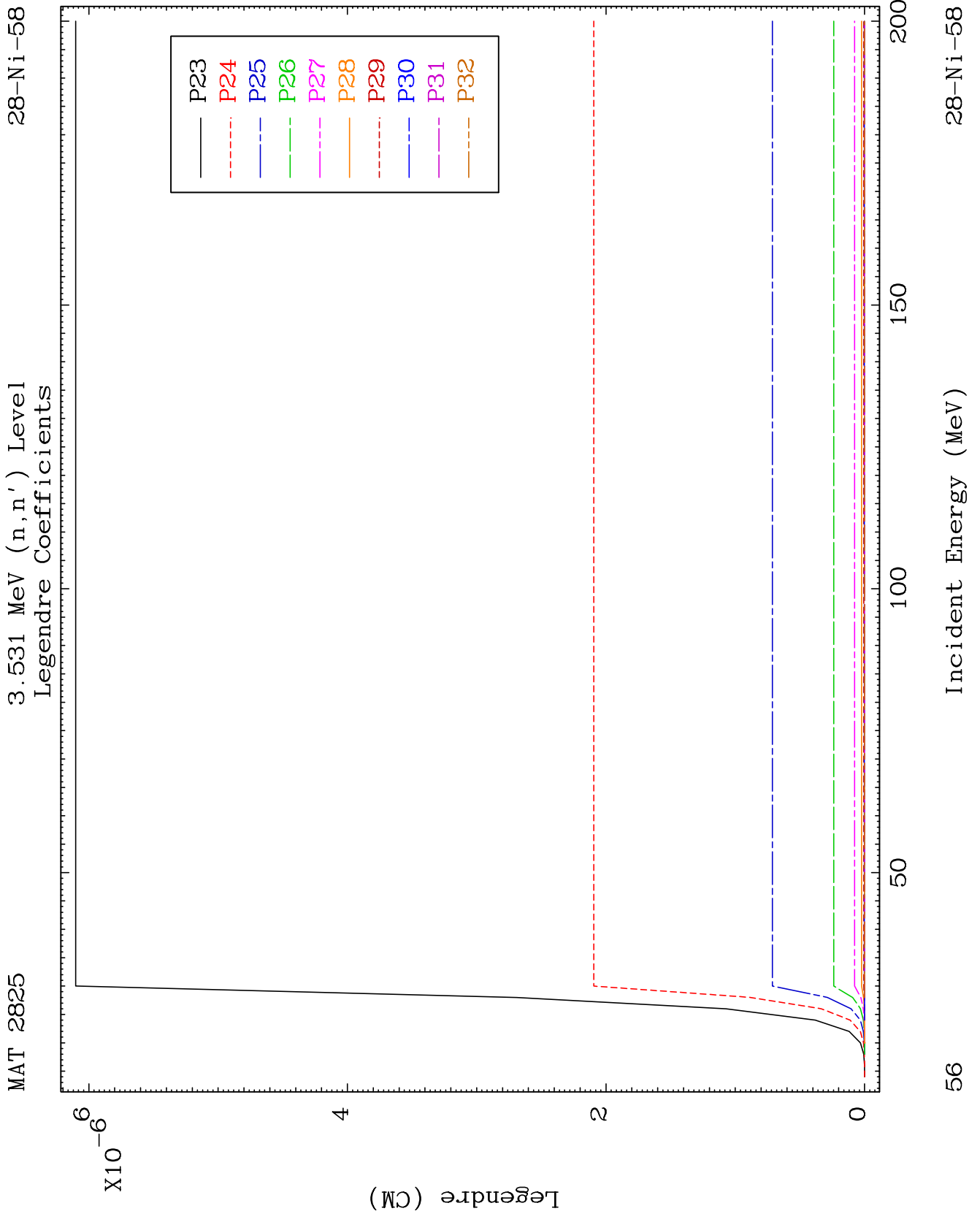


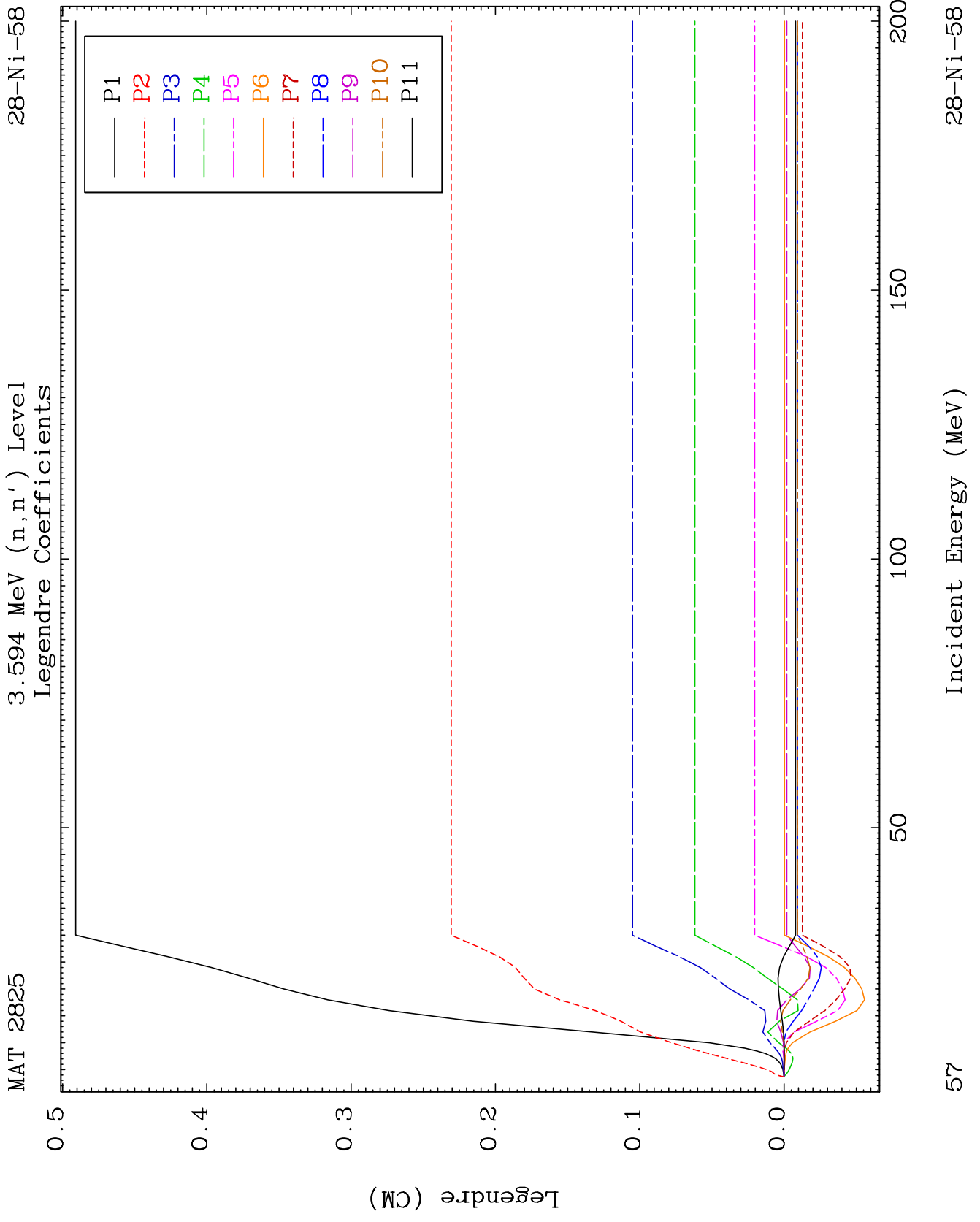


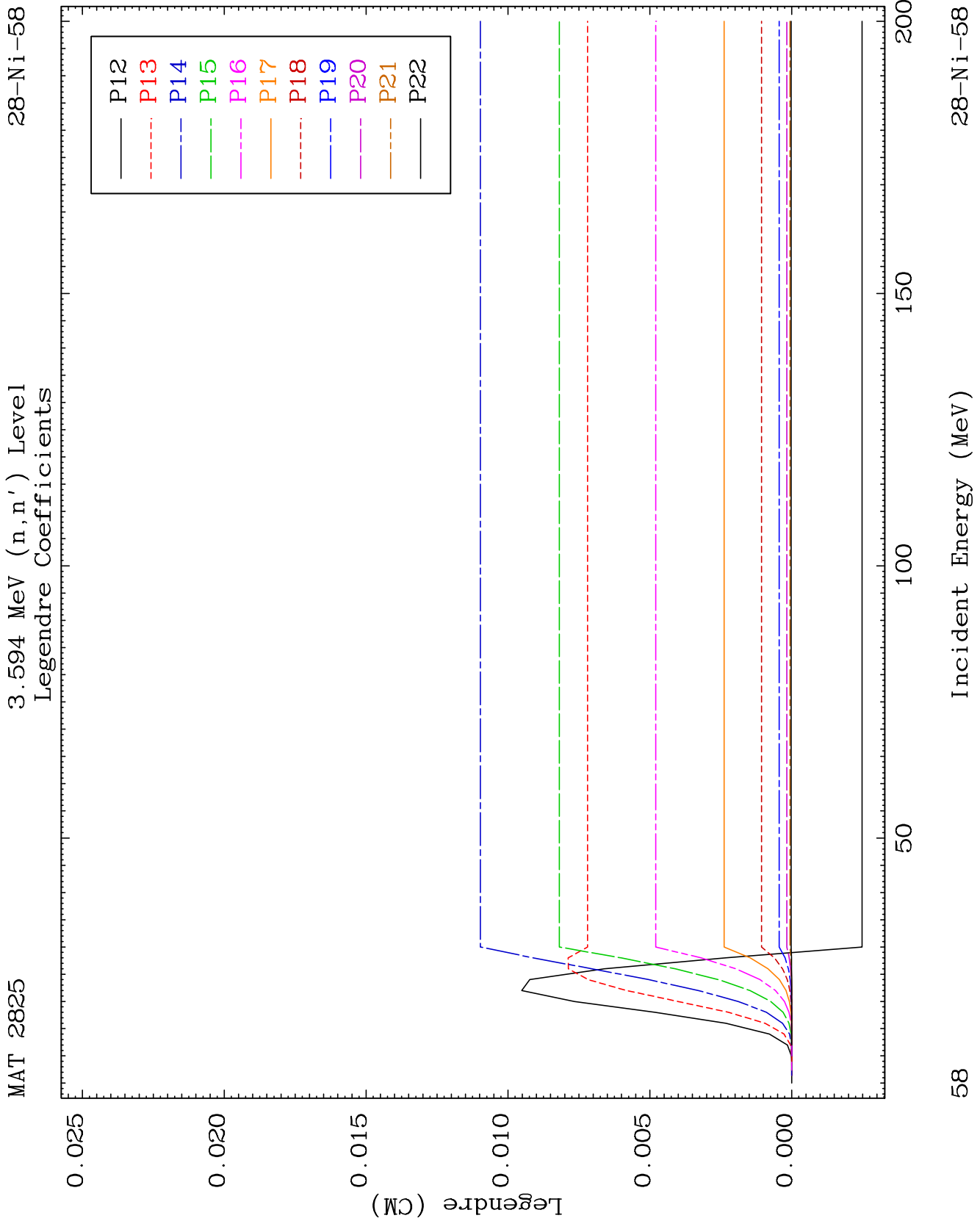


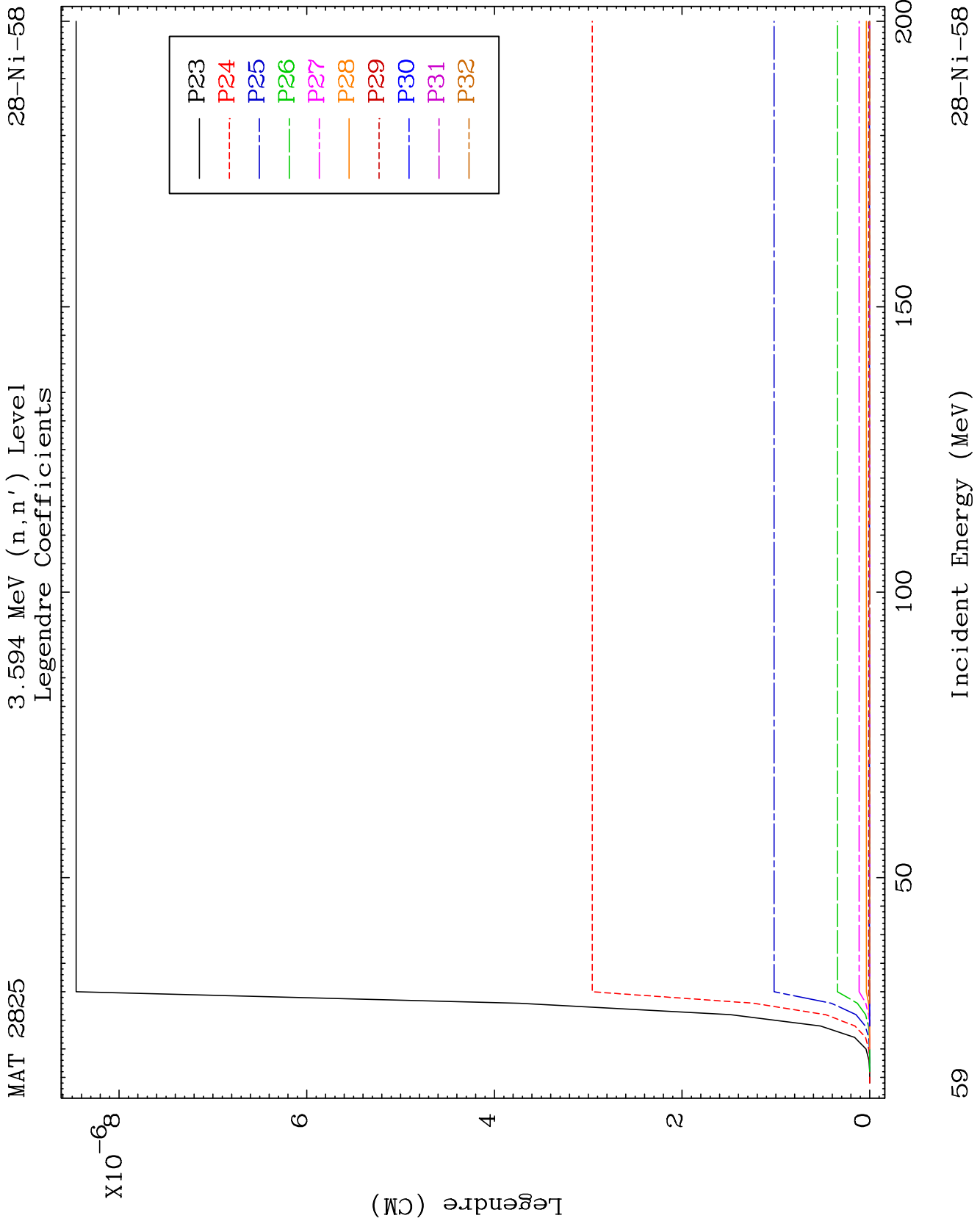


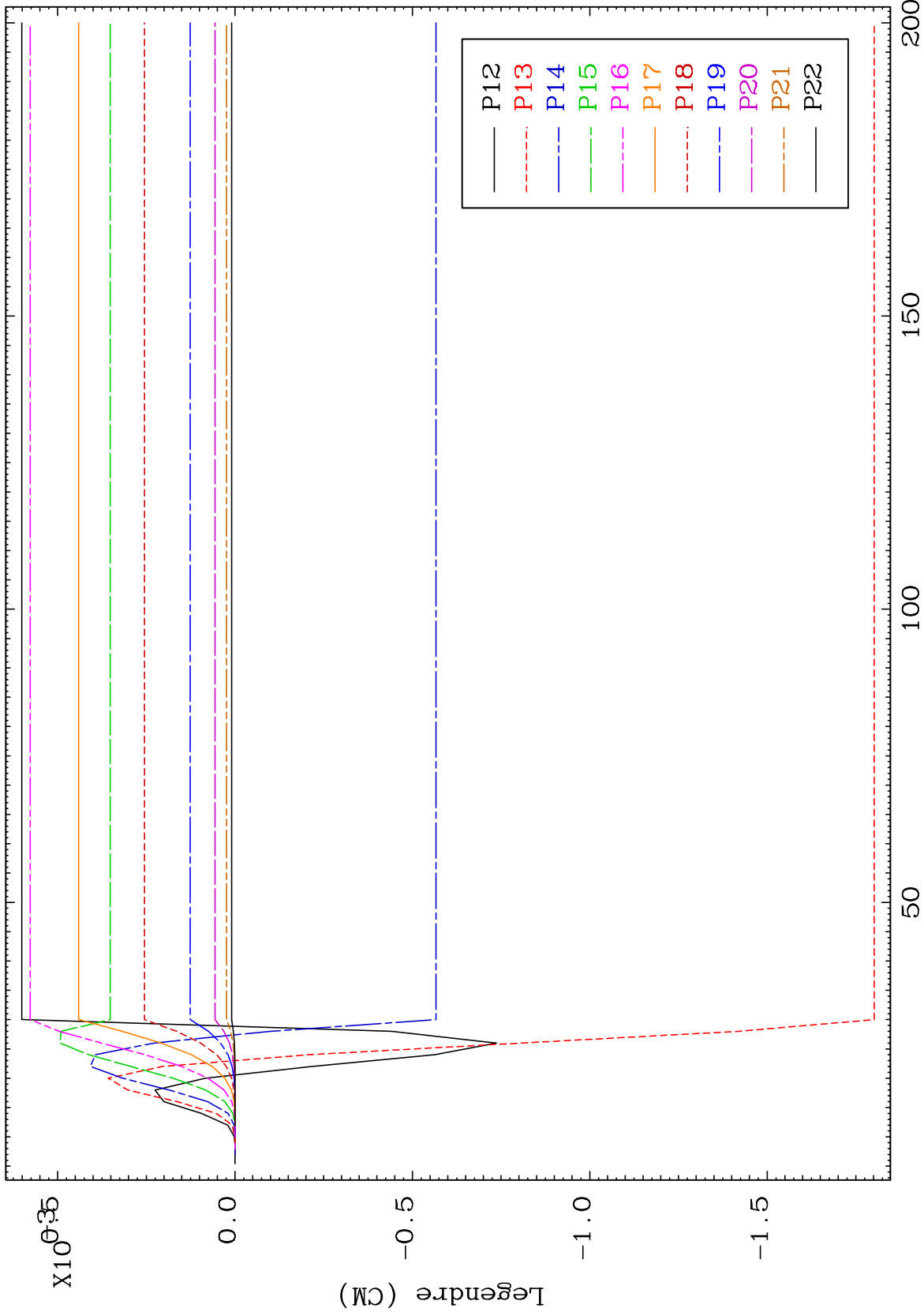


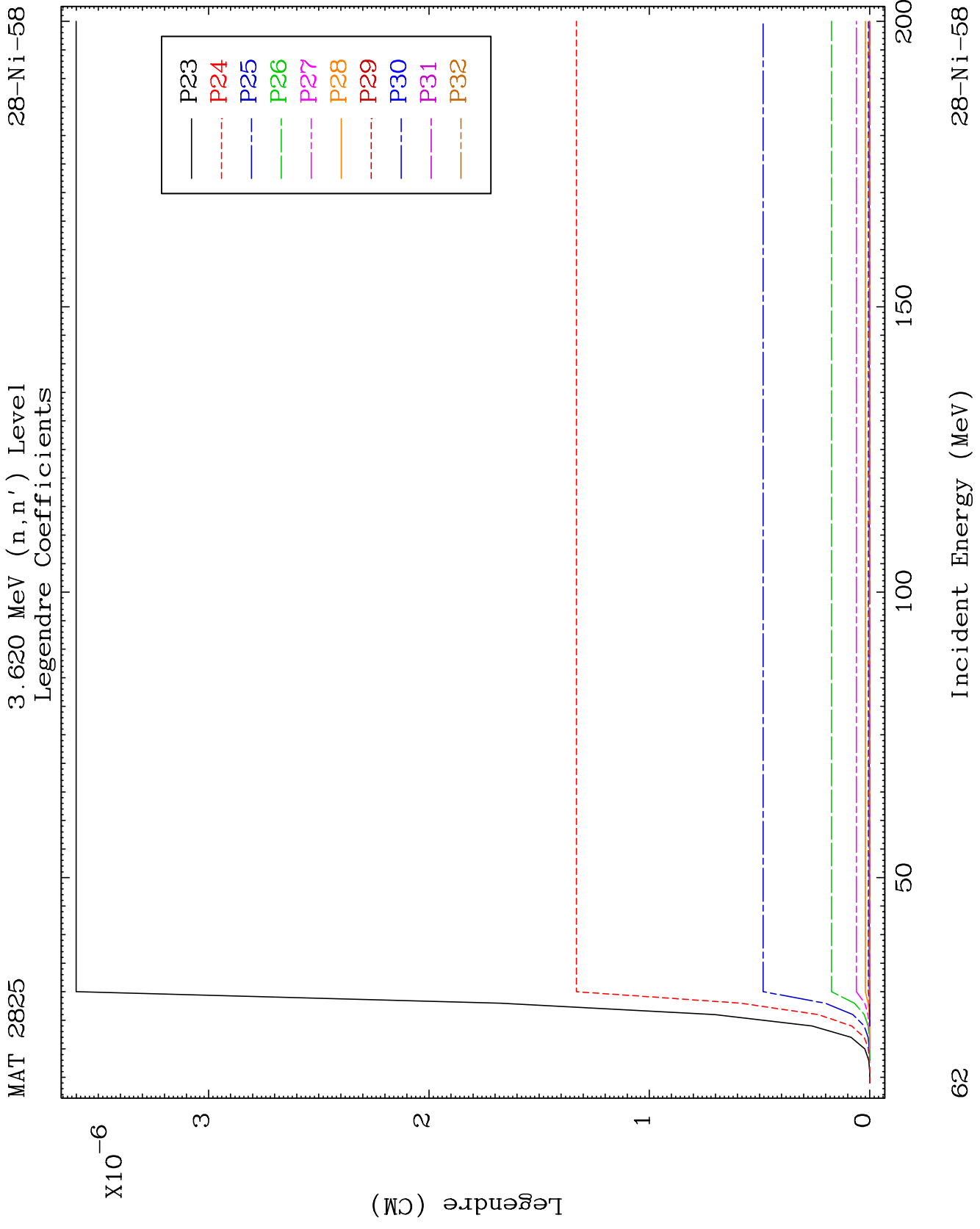


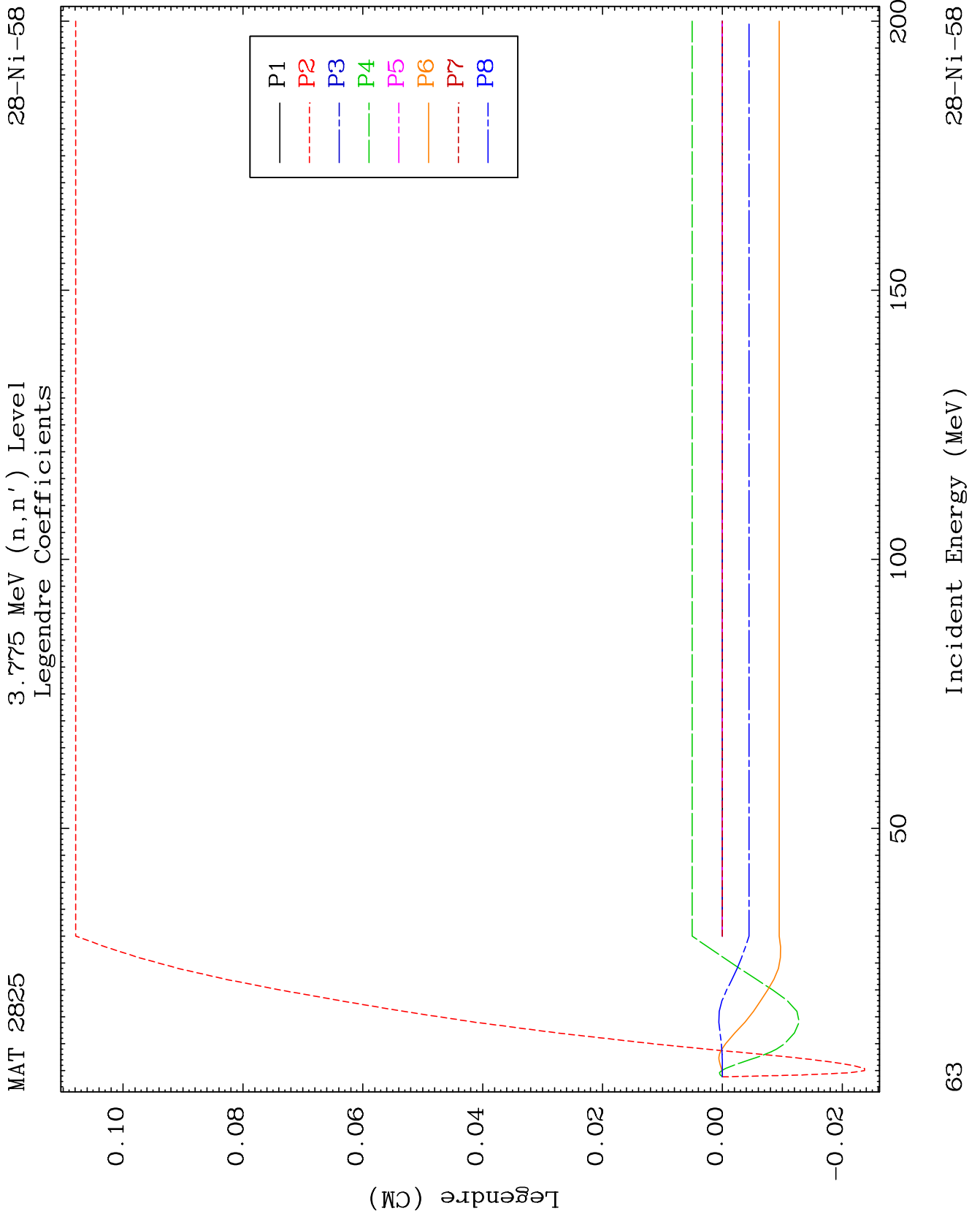


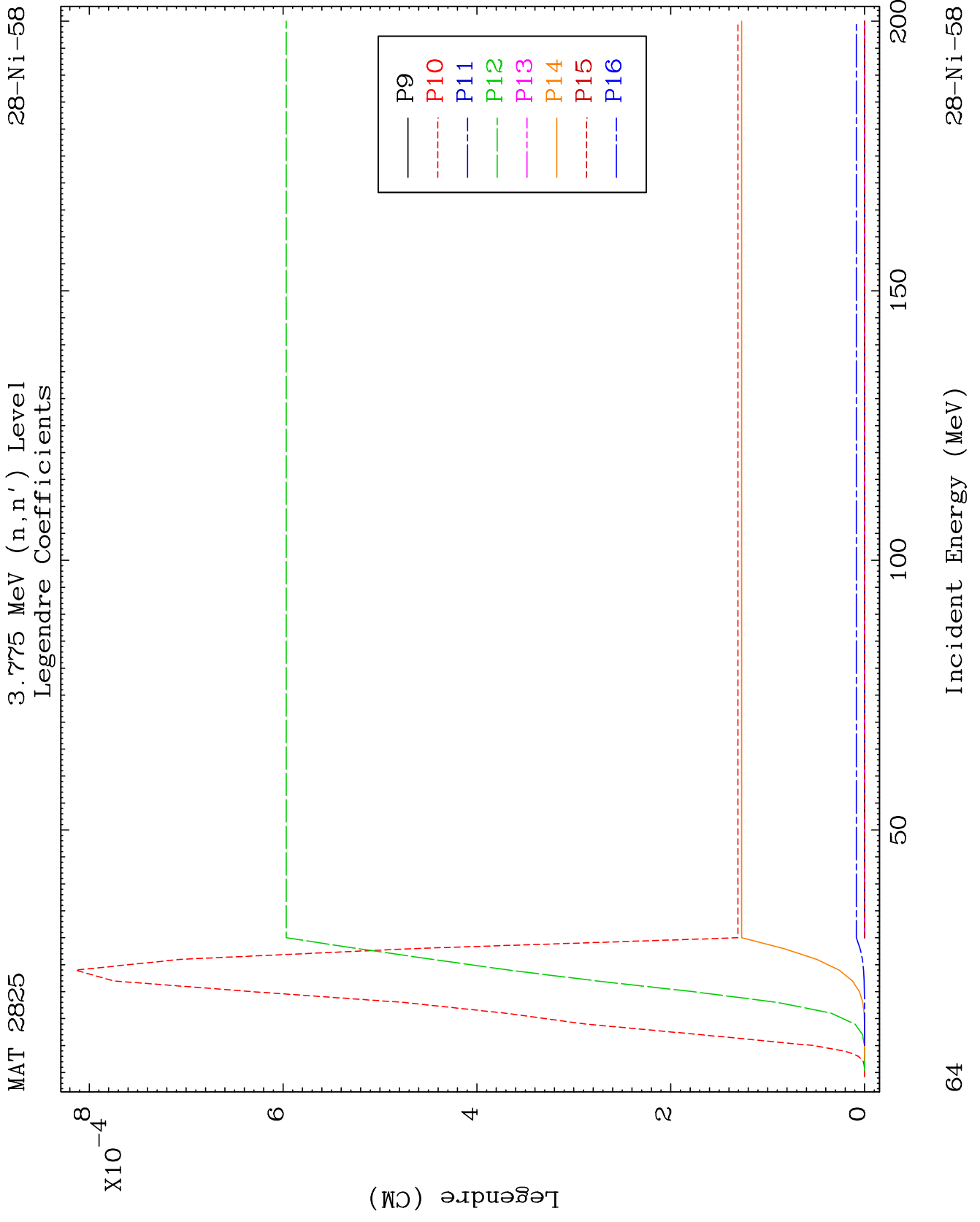


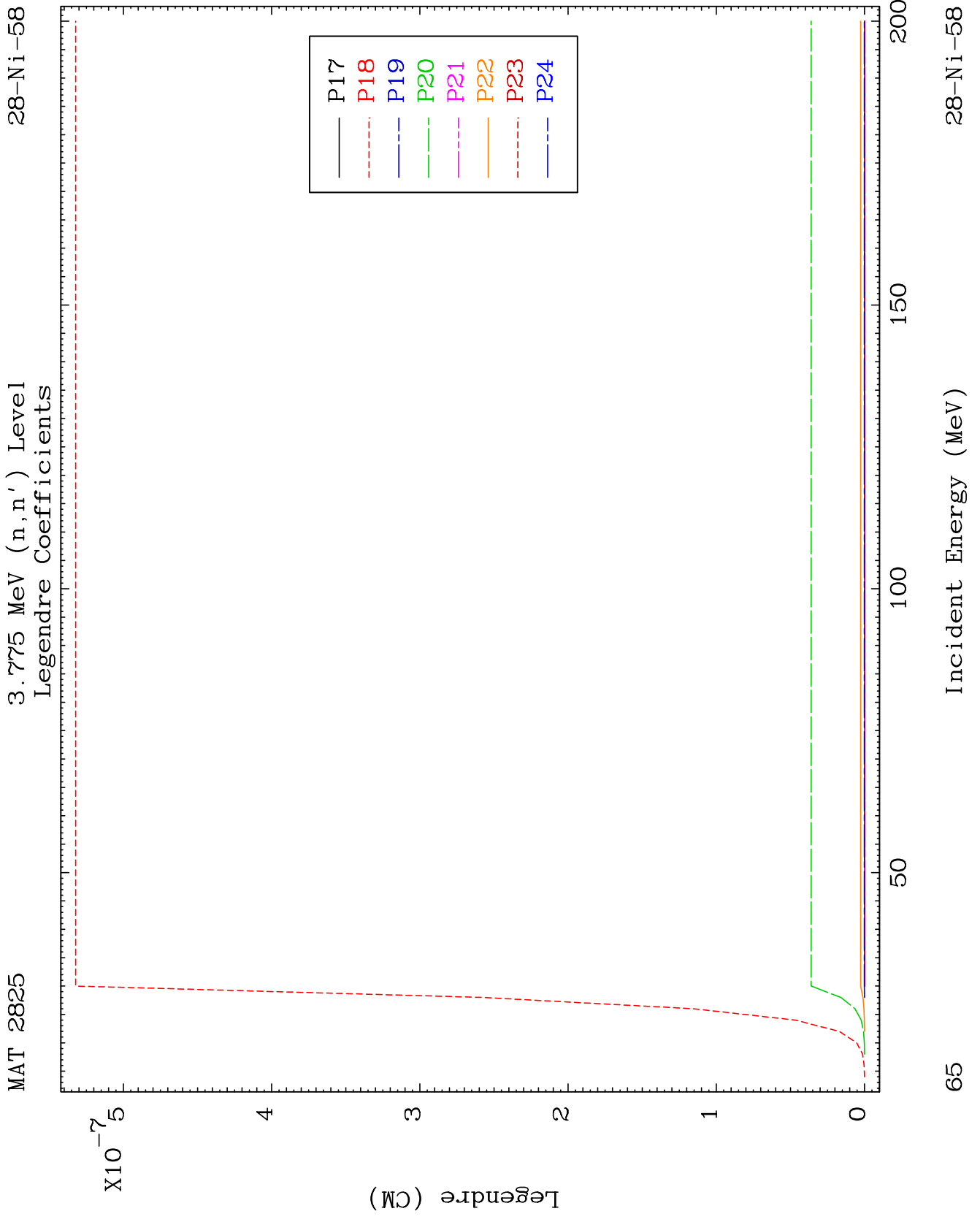


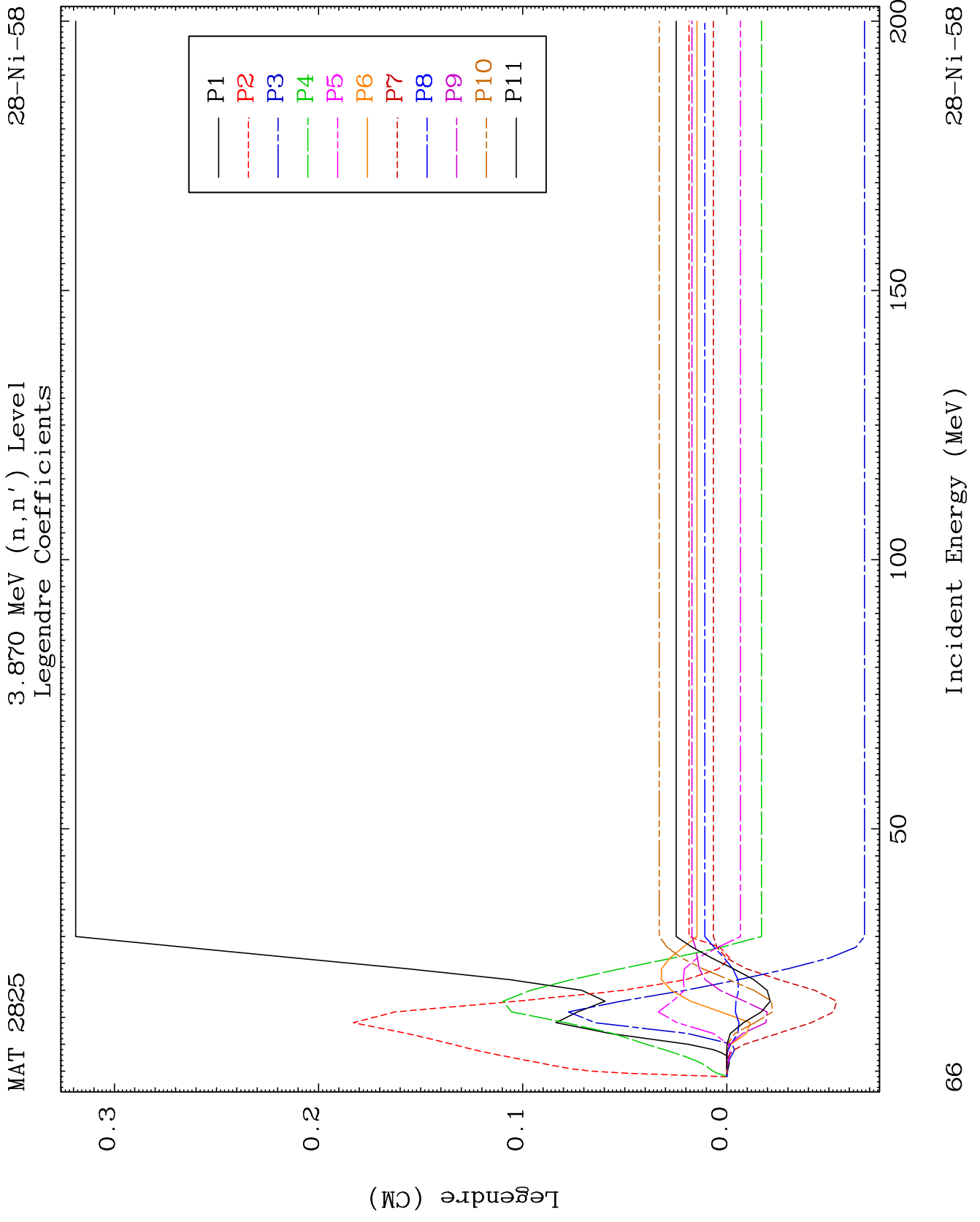


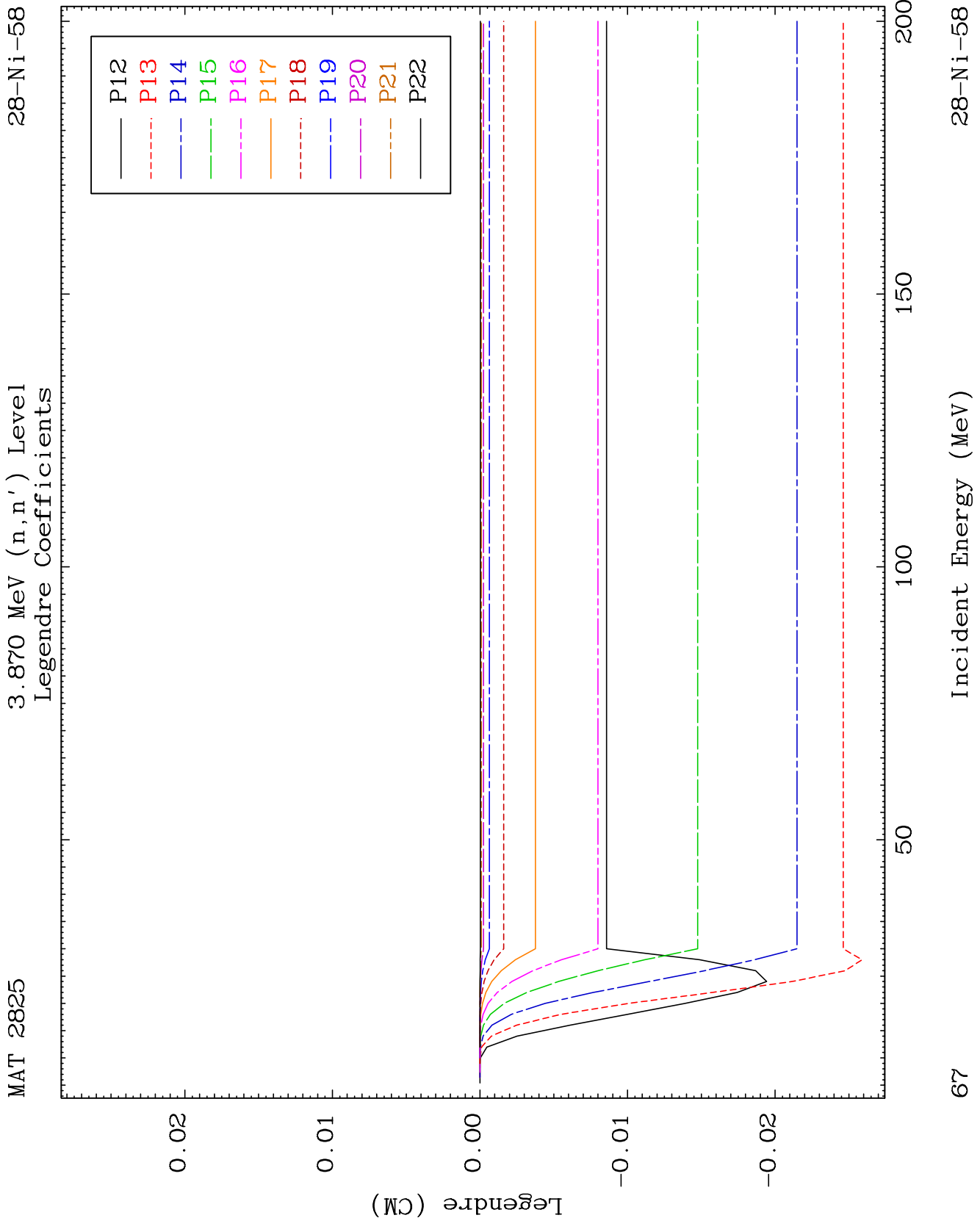


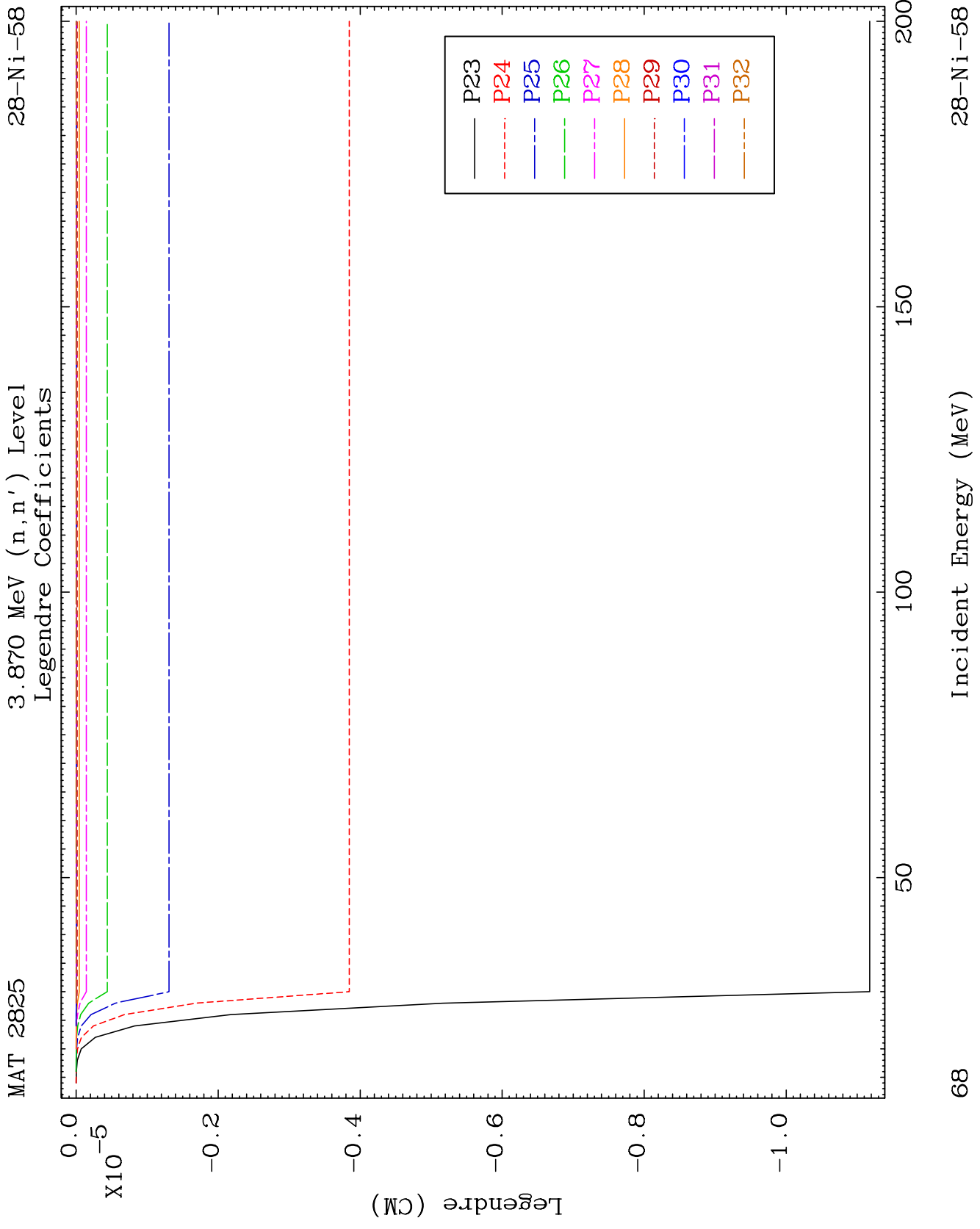


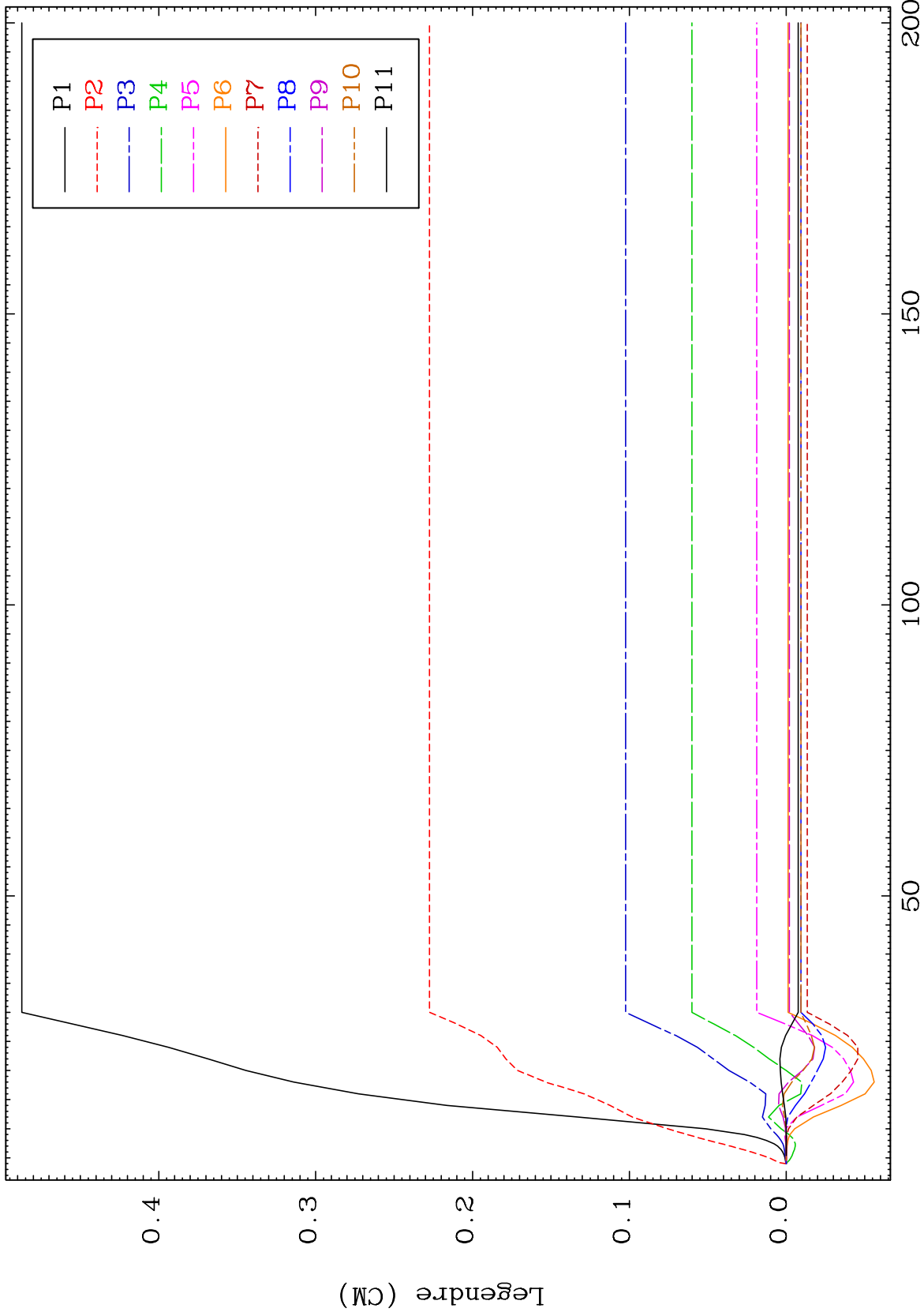


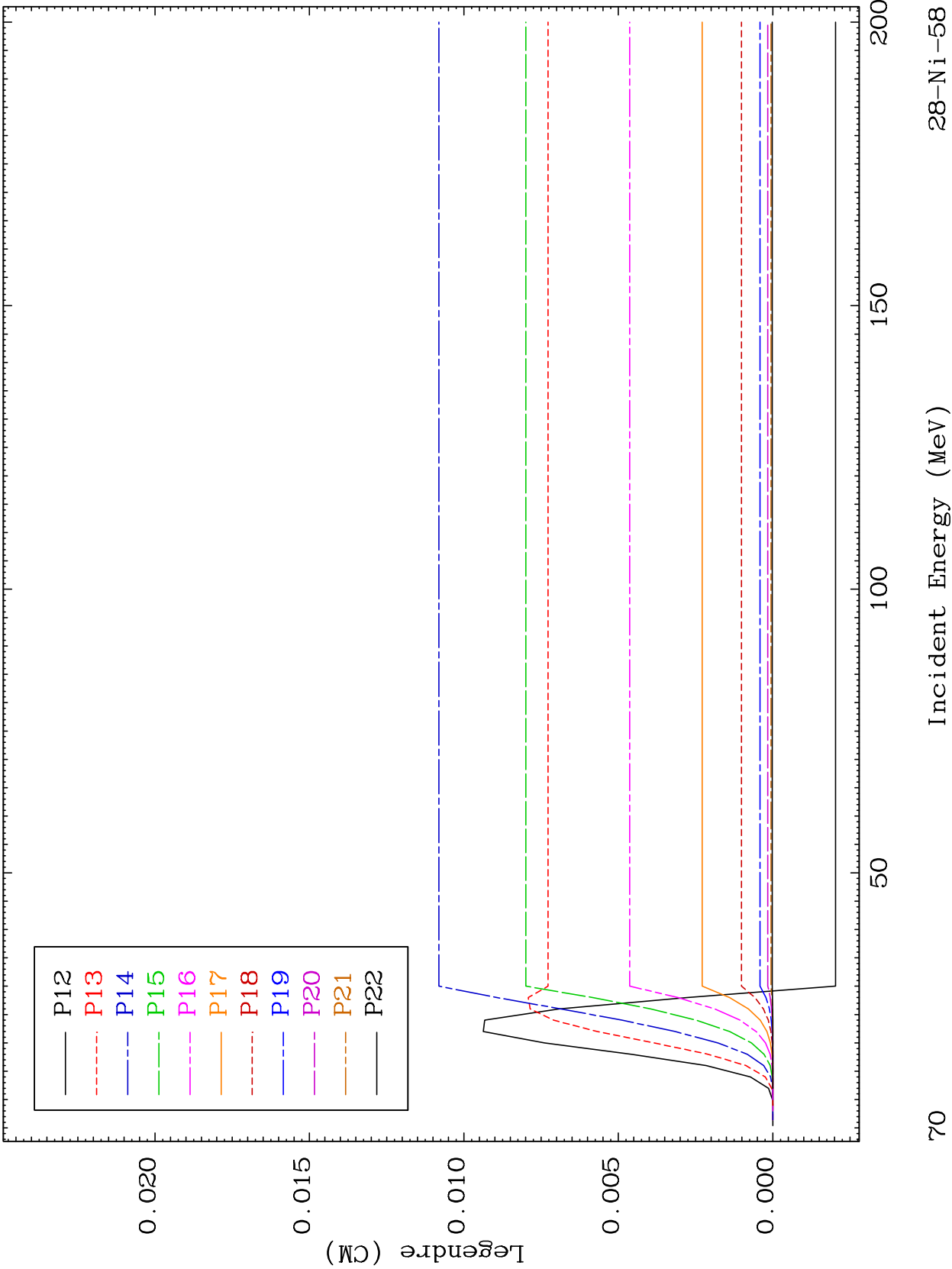


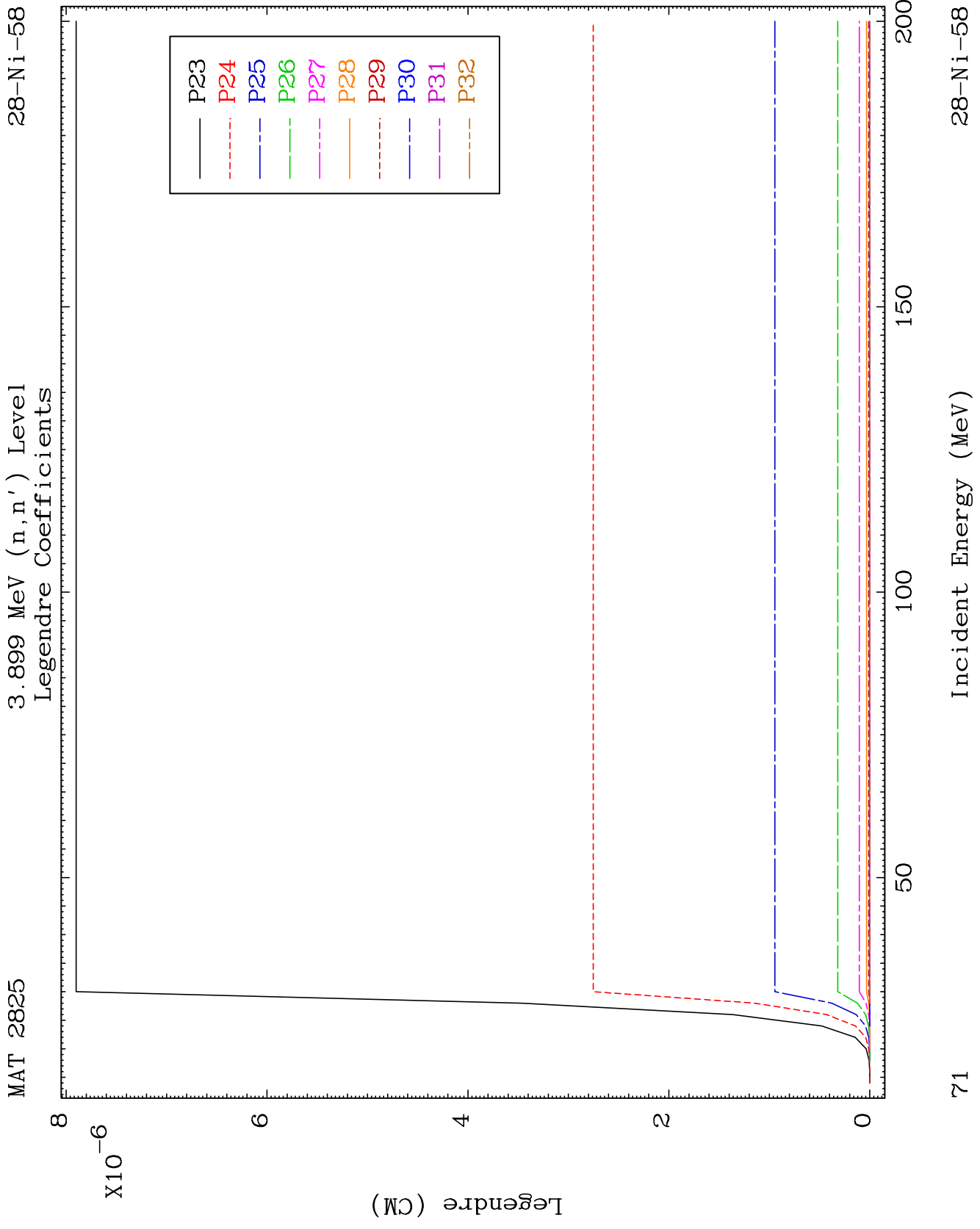








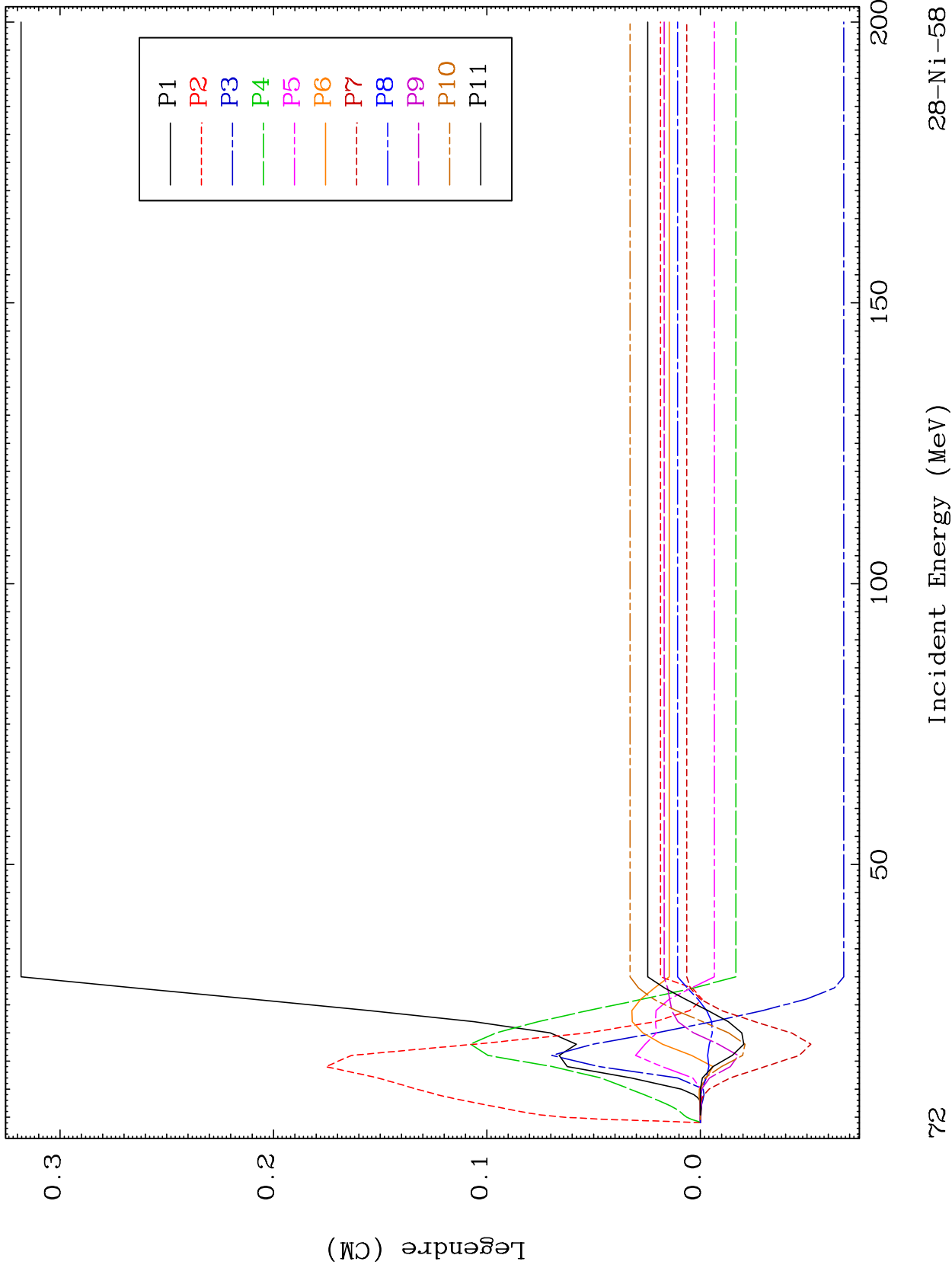




MAT 2825

3.944 MeV (n,n') Level
Legendre Coefficients

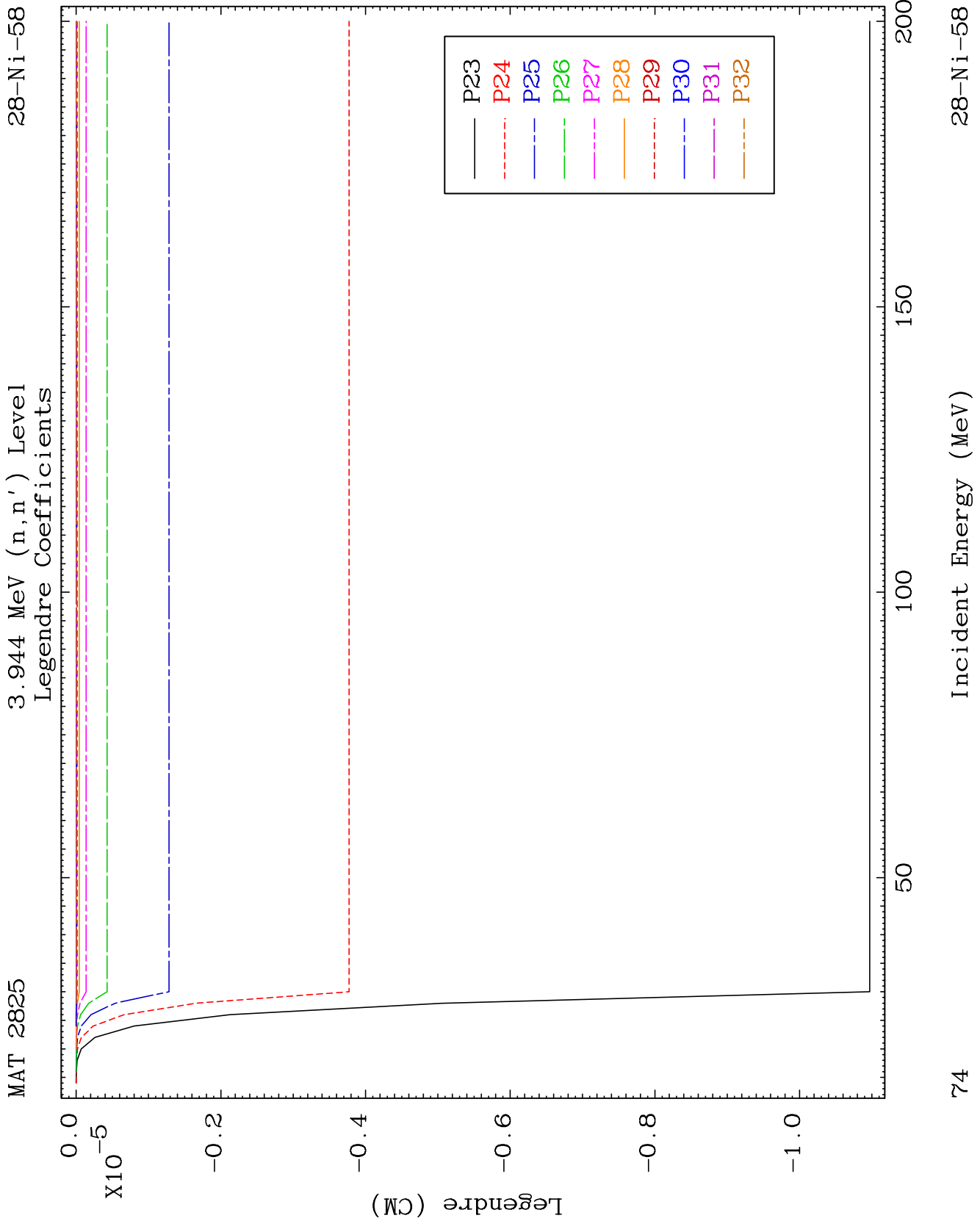
28-Ni-58



72

Incident Energy (MeV)

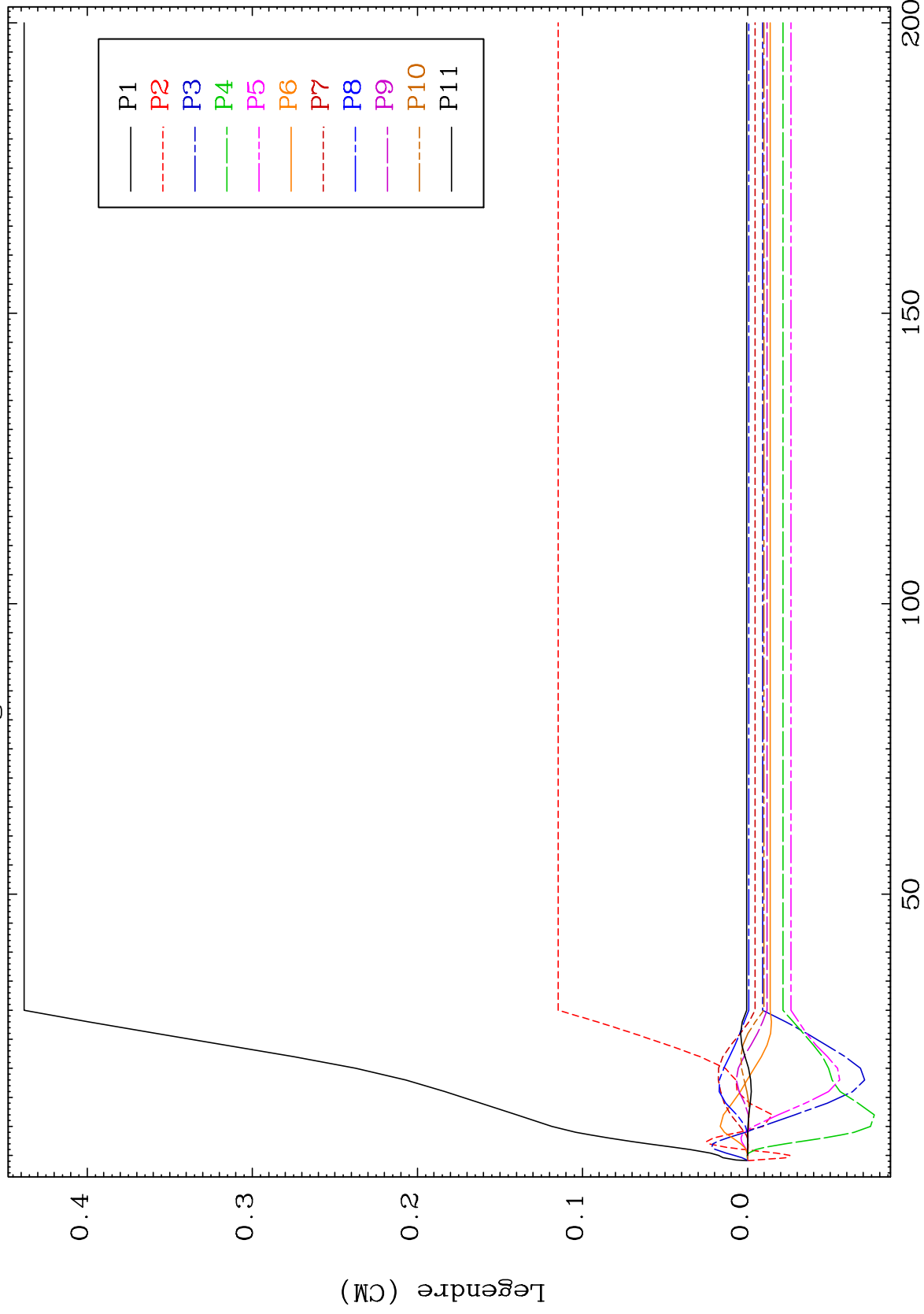
28-Ni-58



MAT 2825

4.020 MeV (n,n') Level
Legendre Coefficients

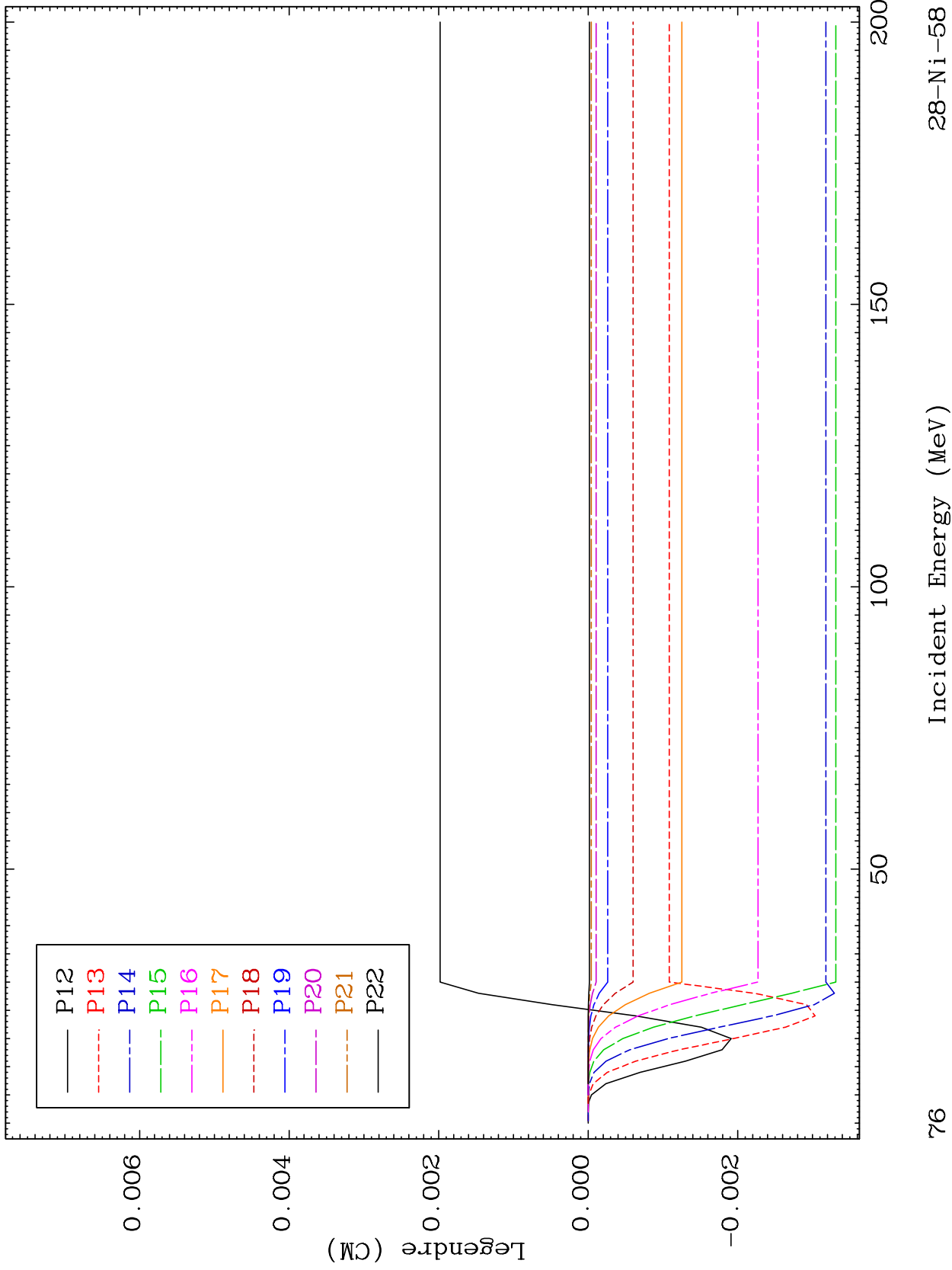
28-Ni-58

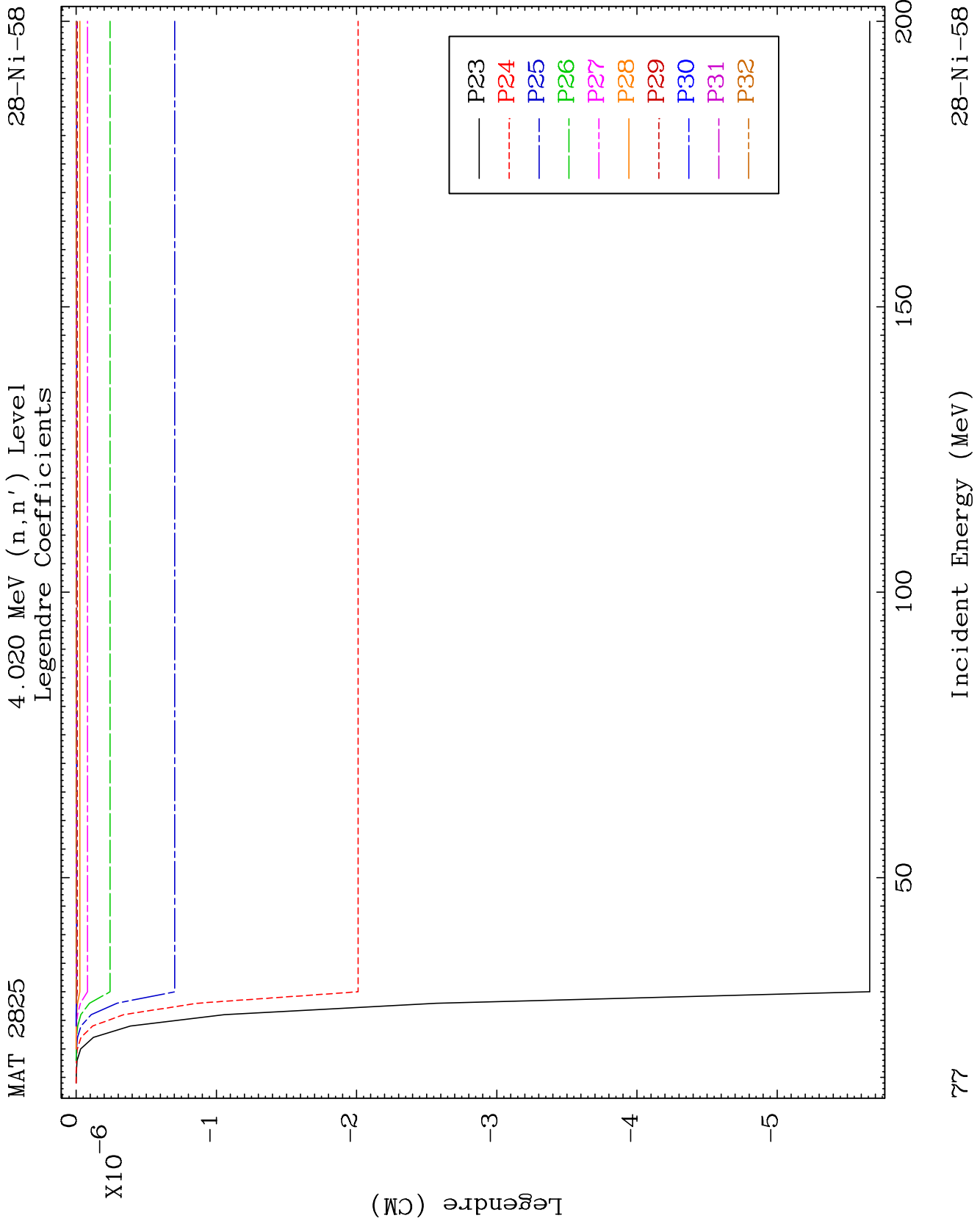


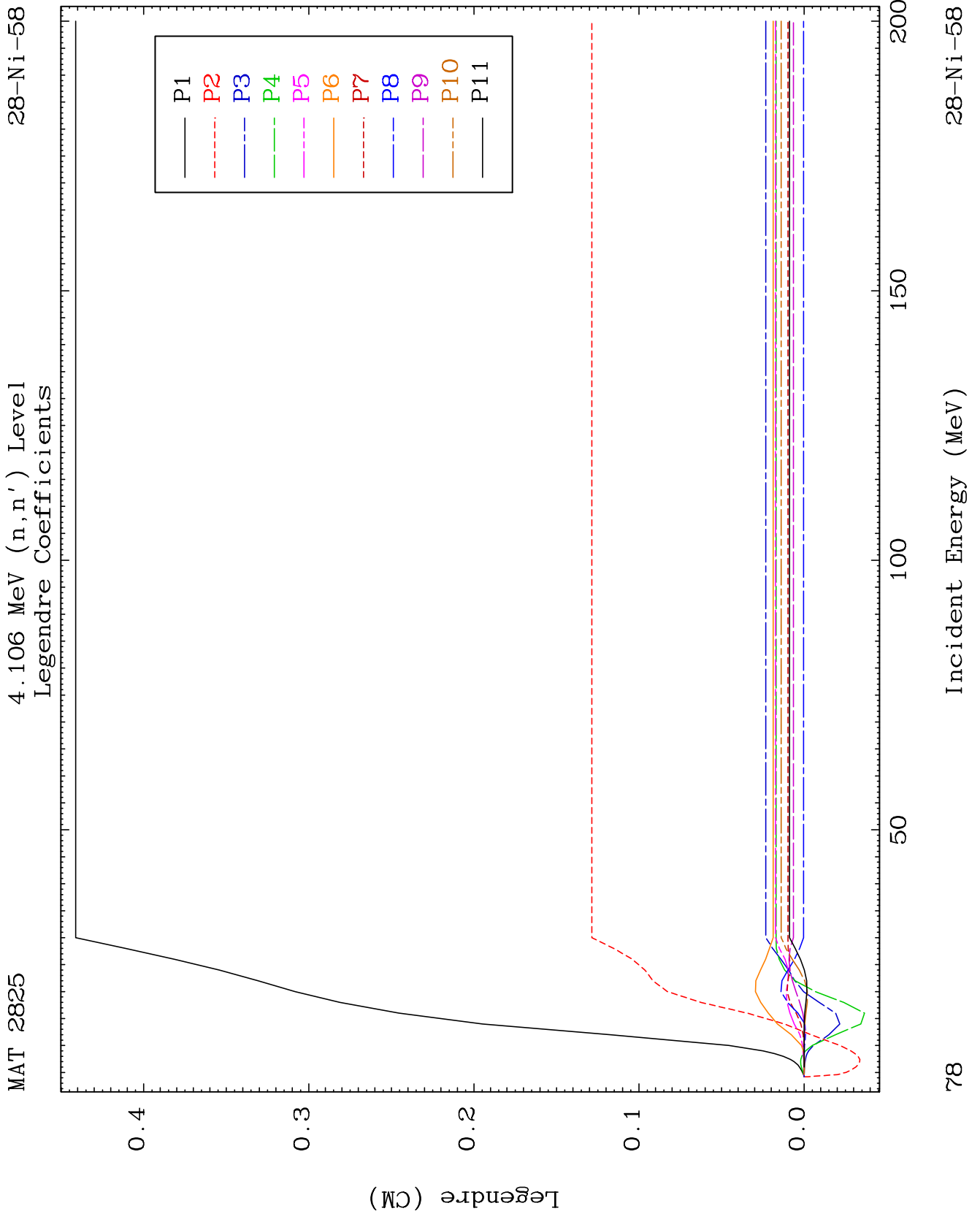
75

Incident Energy (MeV)

28-Ni-58



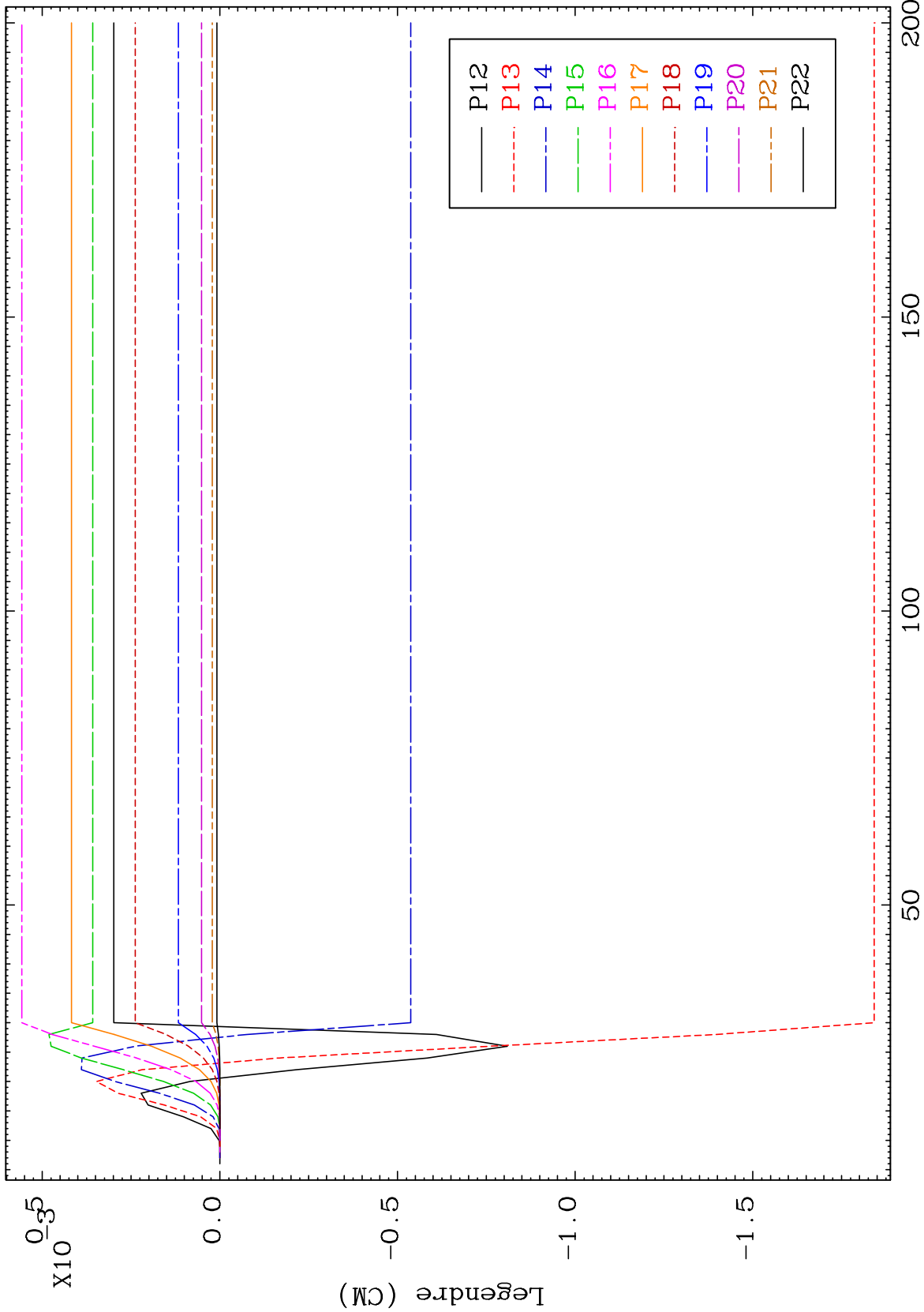




MAT 2825

4.106 MeV (n,n') Level
Legendre Coefficients

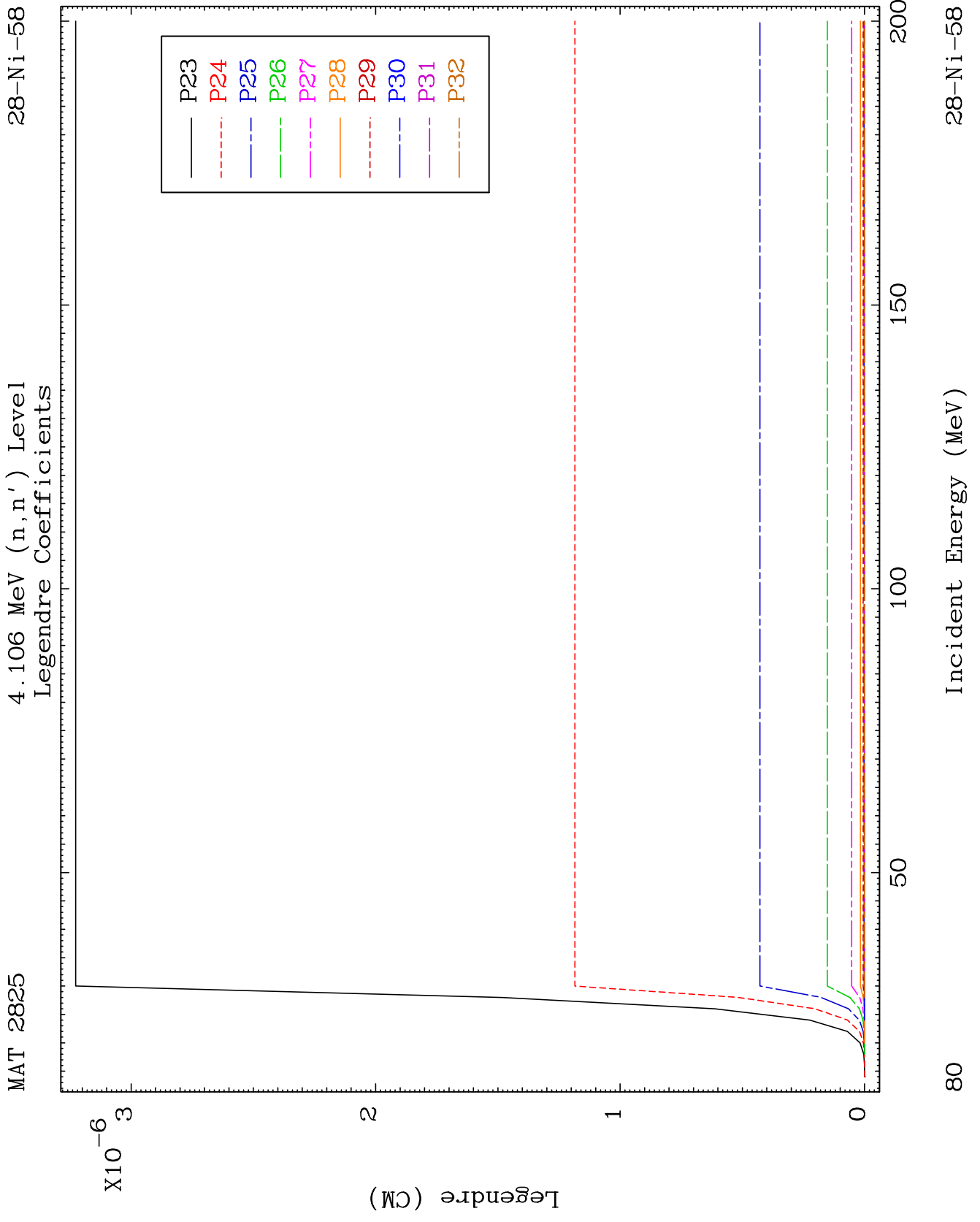
28-Ni-58

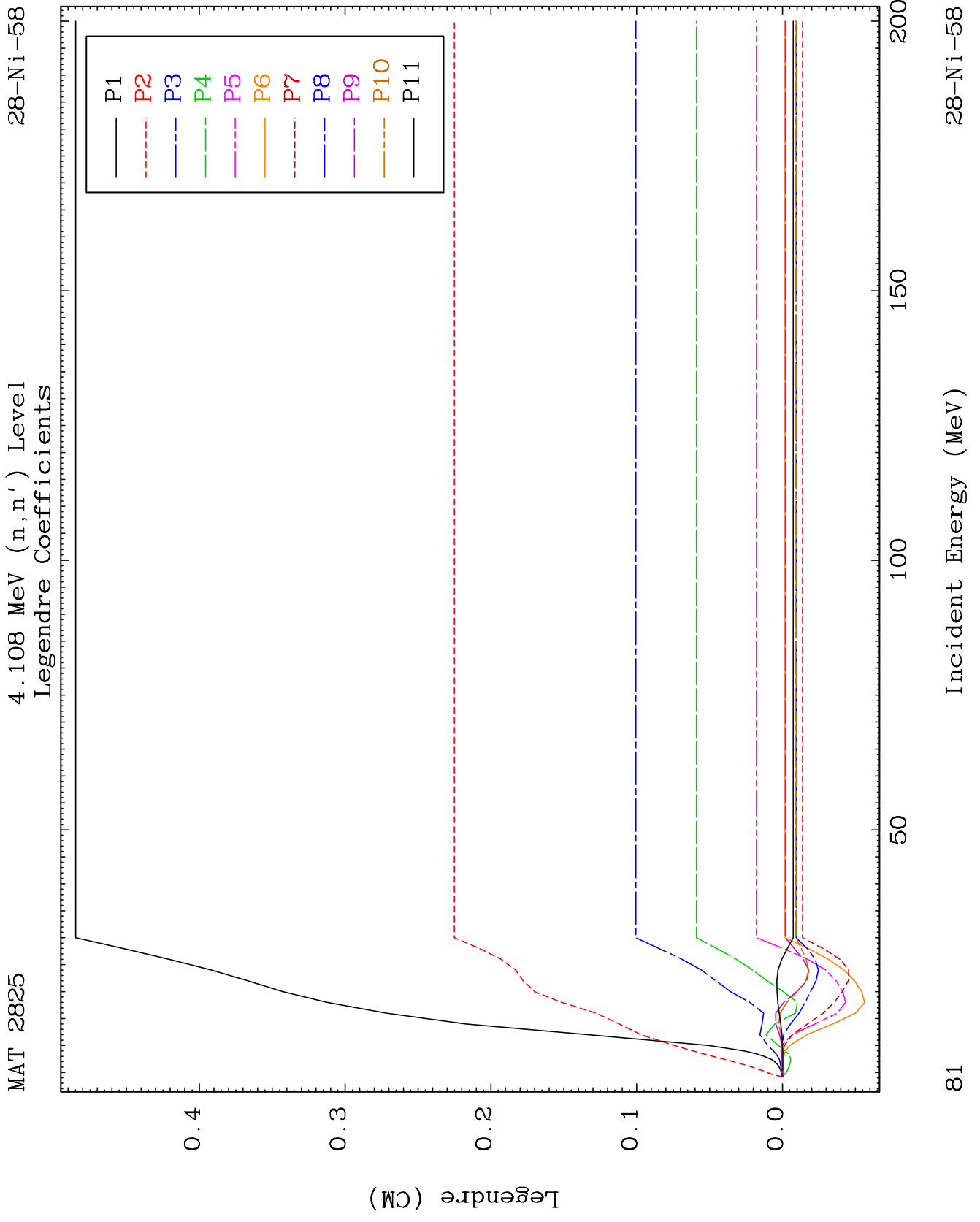


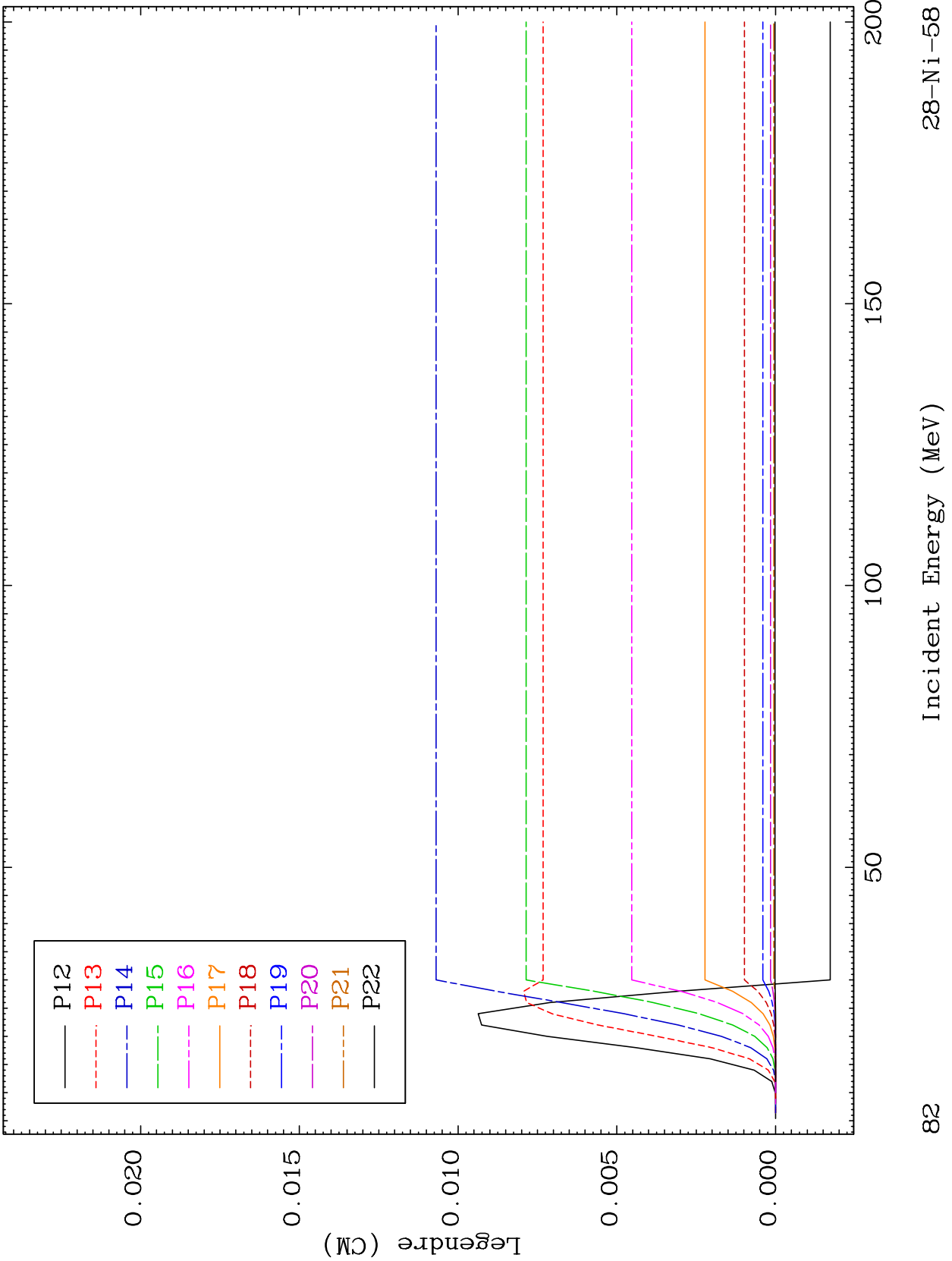
79

Incident Energy (MeV)

28-Ni-58



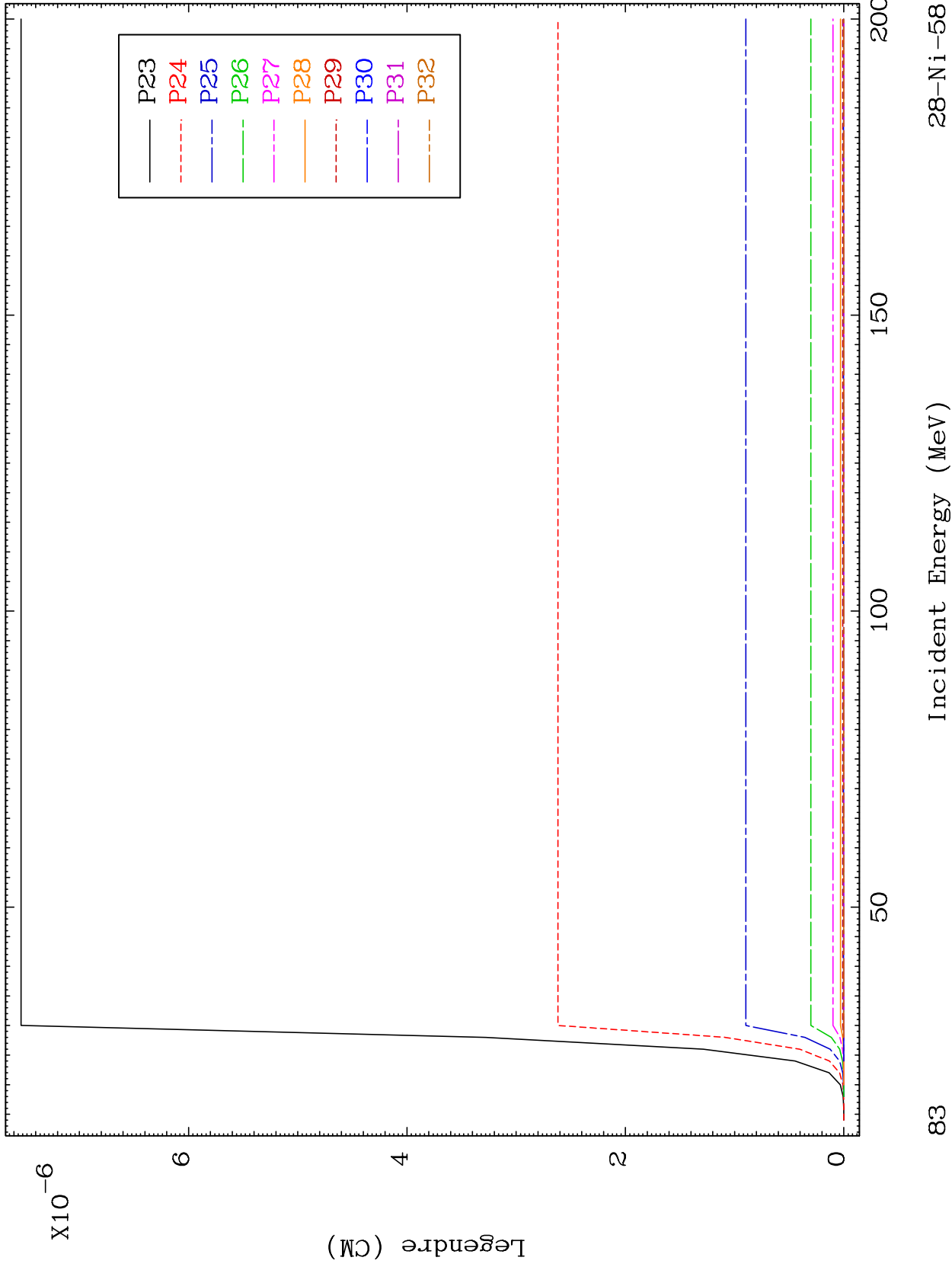




MAT 2825

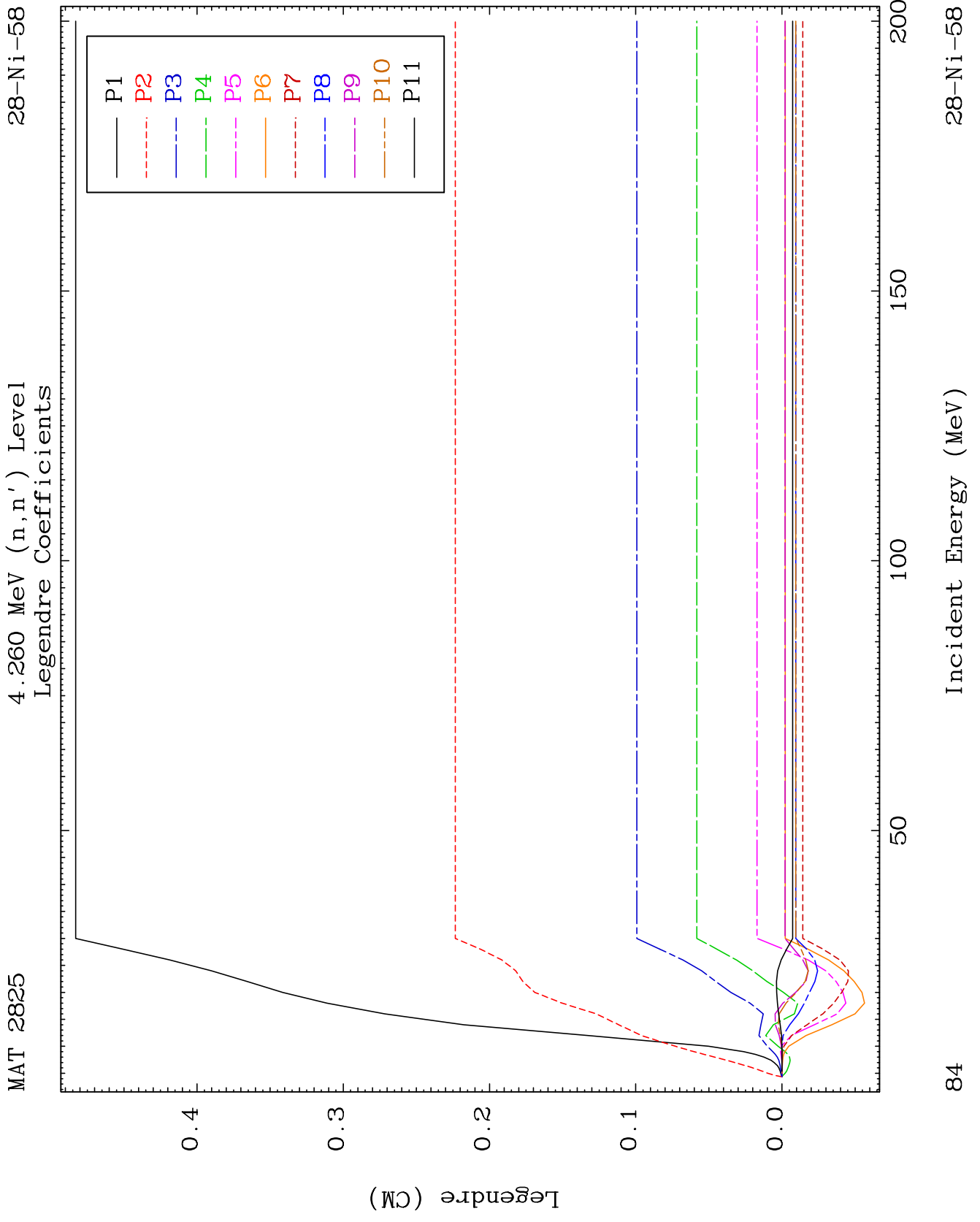
4.108 MeV (n,n') Level
Legendre Coefficients

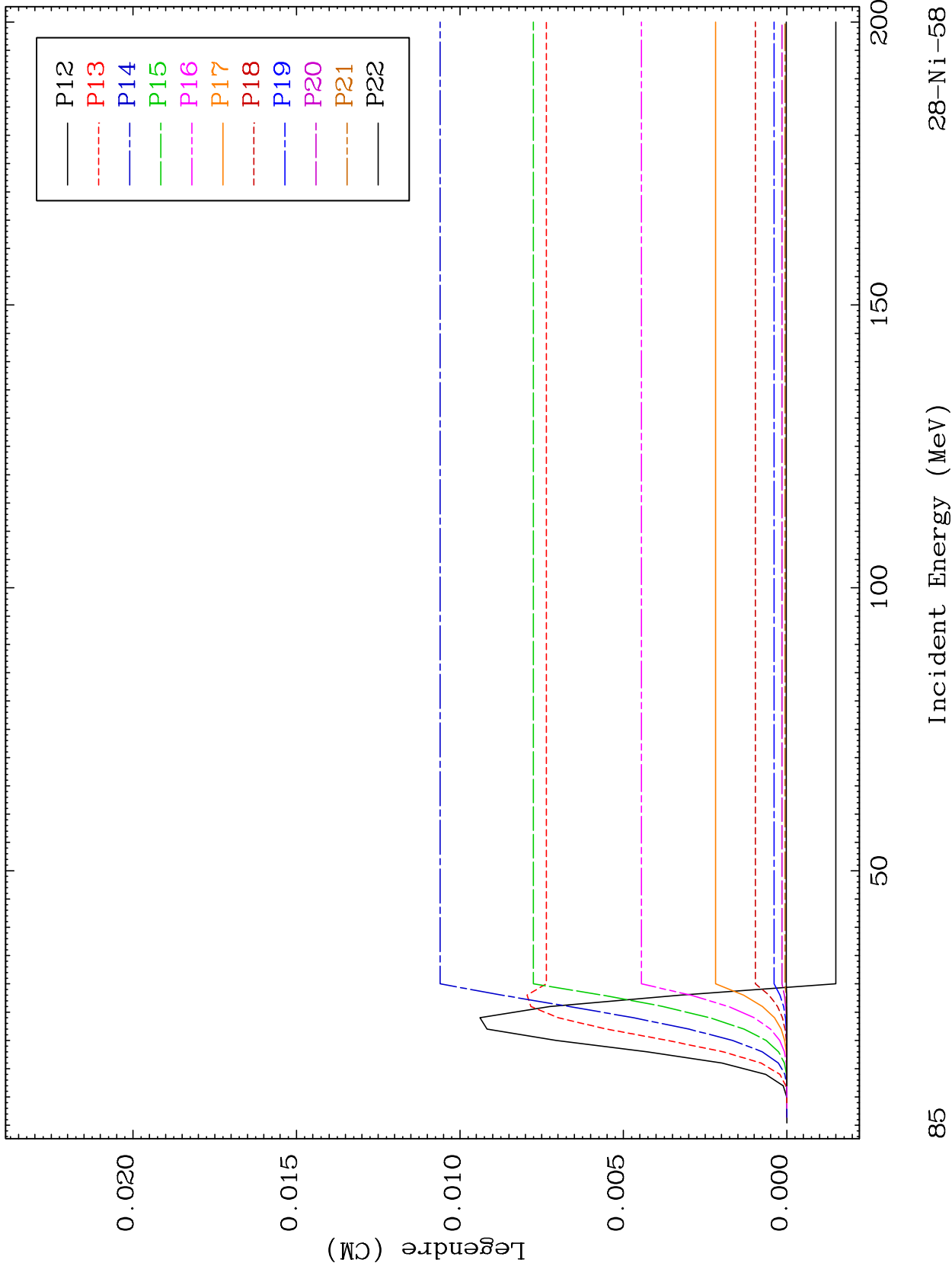
28-Ni-58

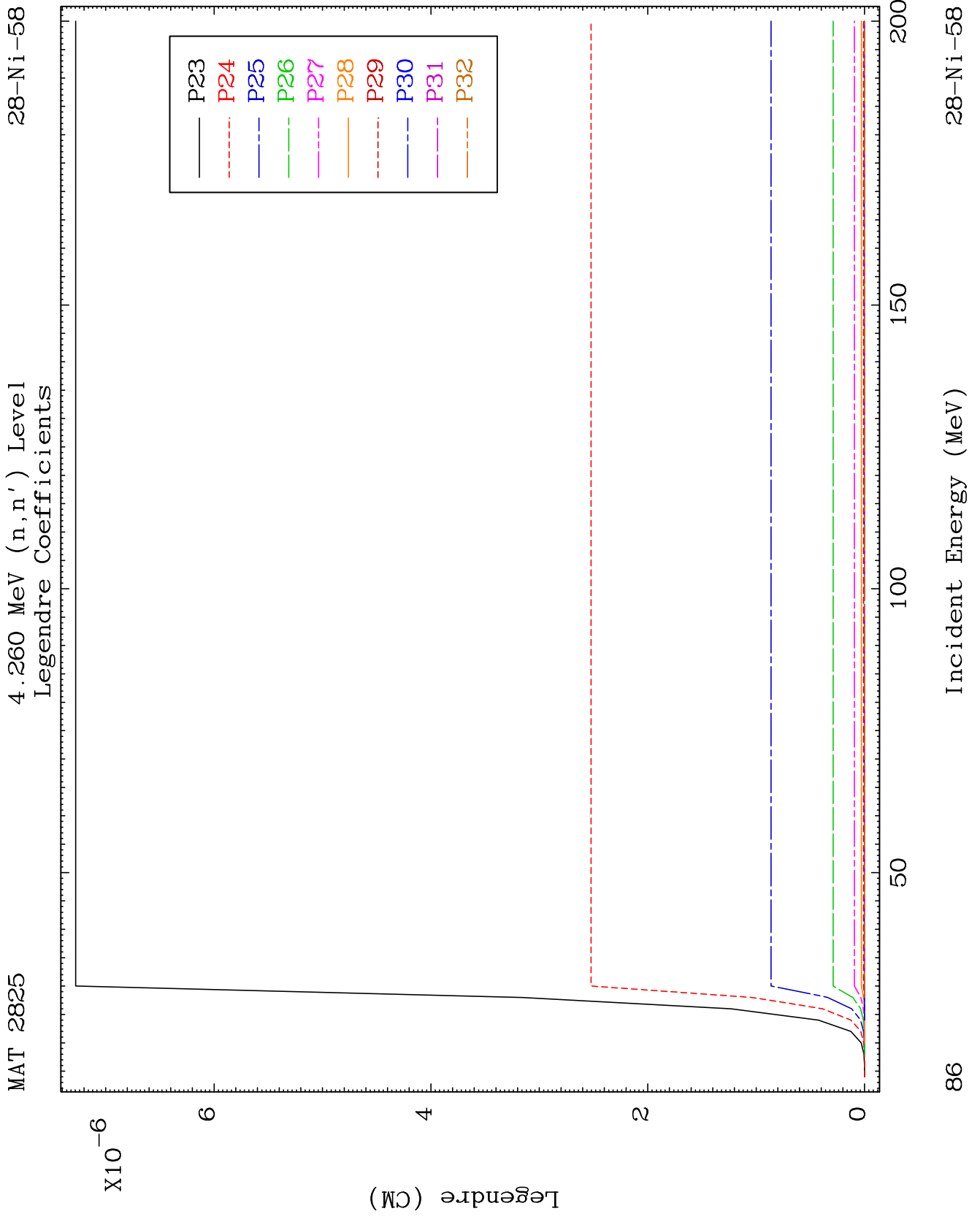


83

28-Ni-58



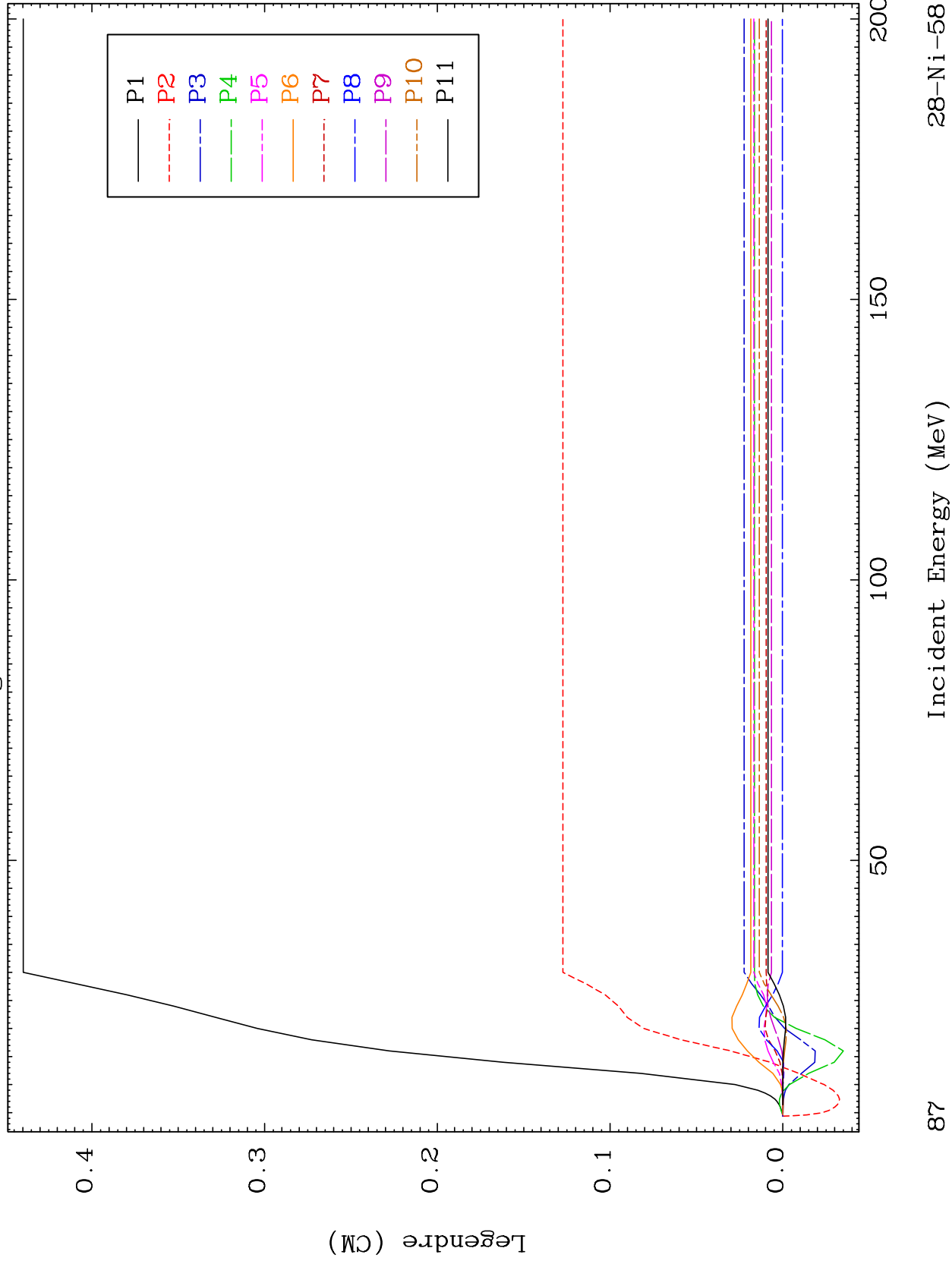




MAT 2825

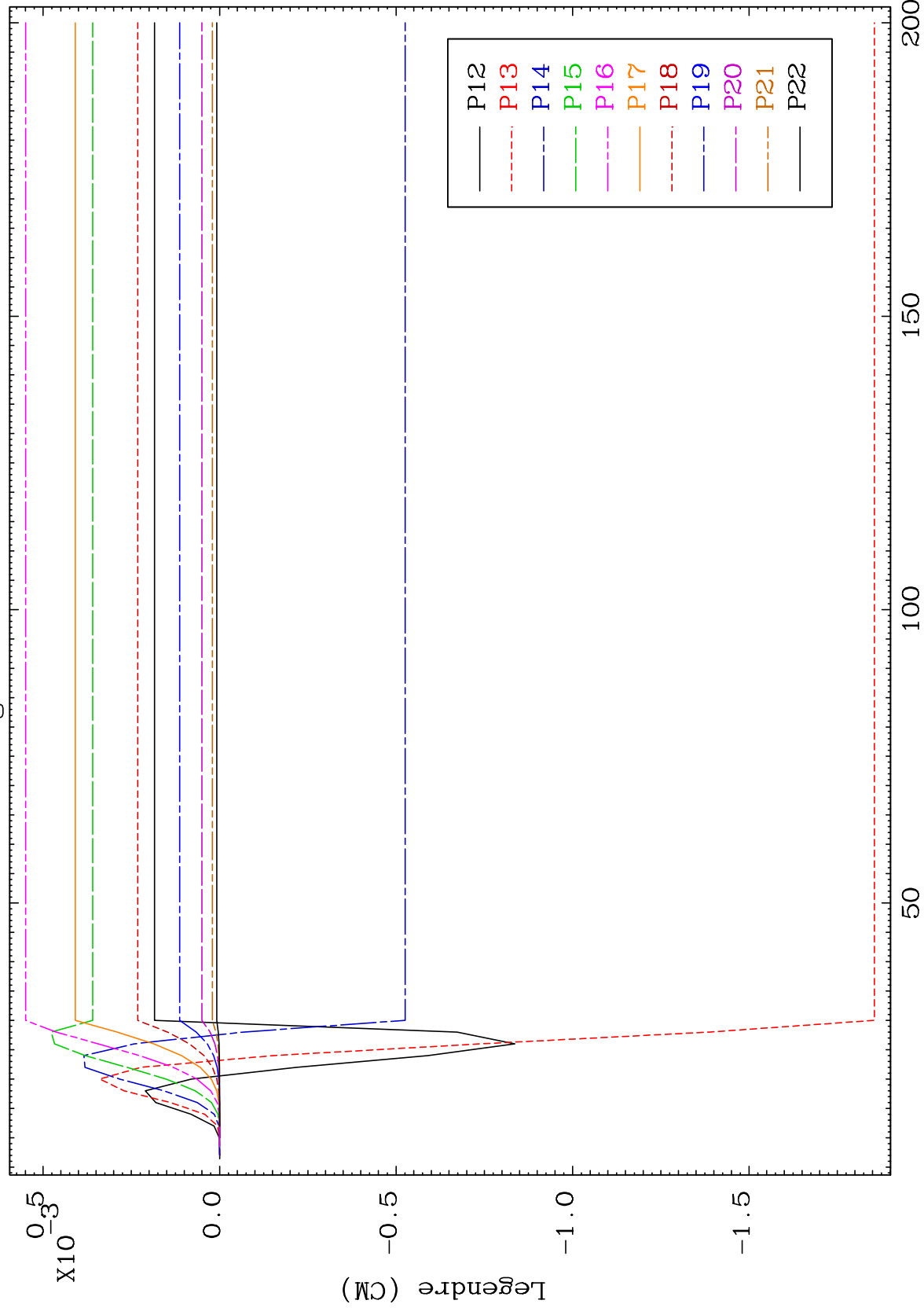
4.295 MeV (n,n') Level
Legendre Coefficients

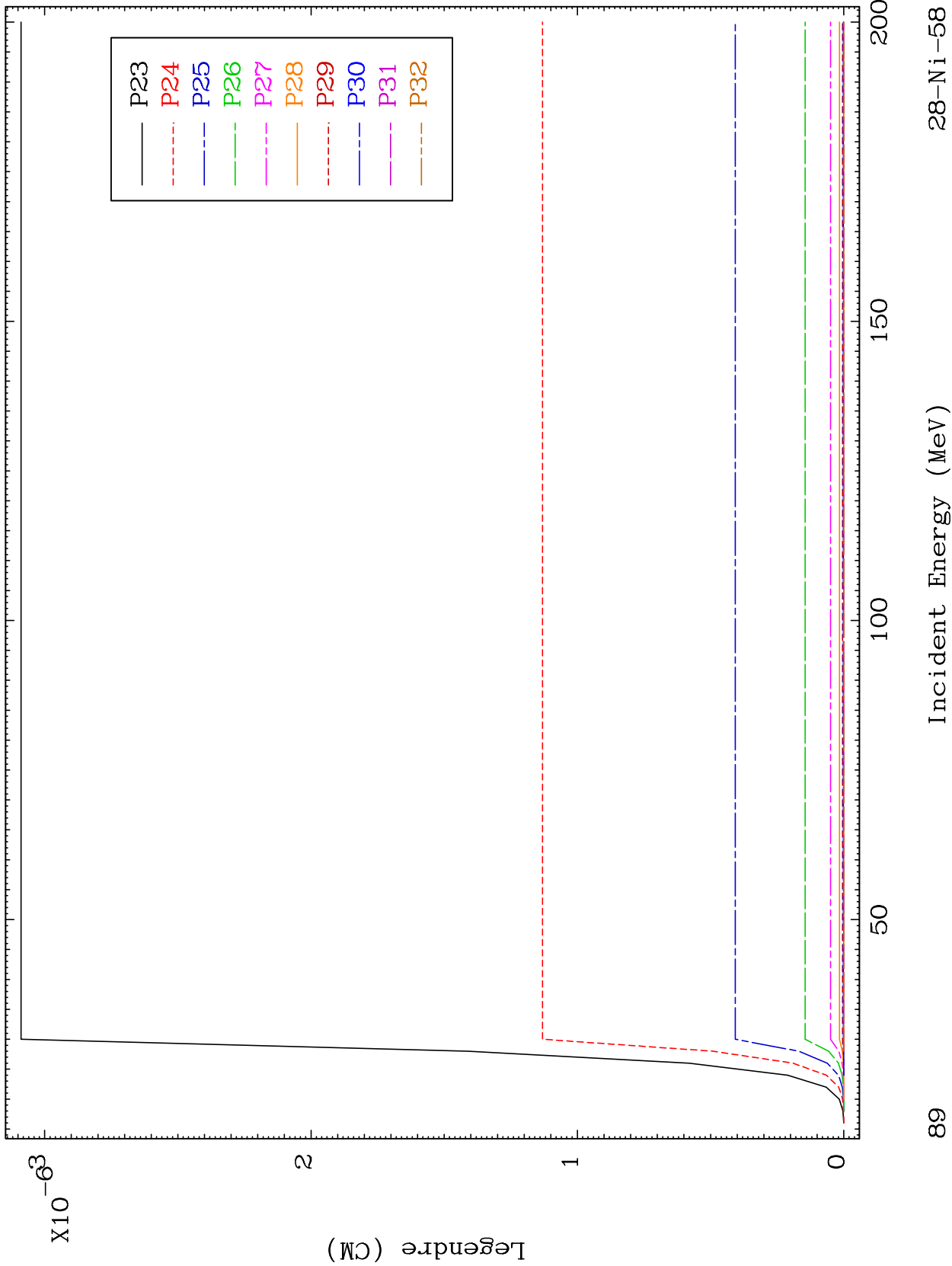
28-Ni-58

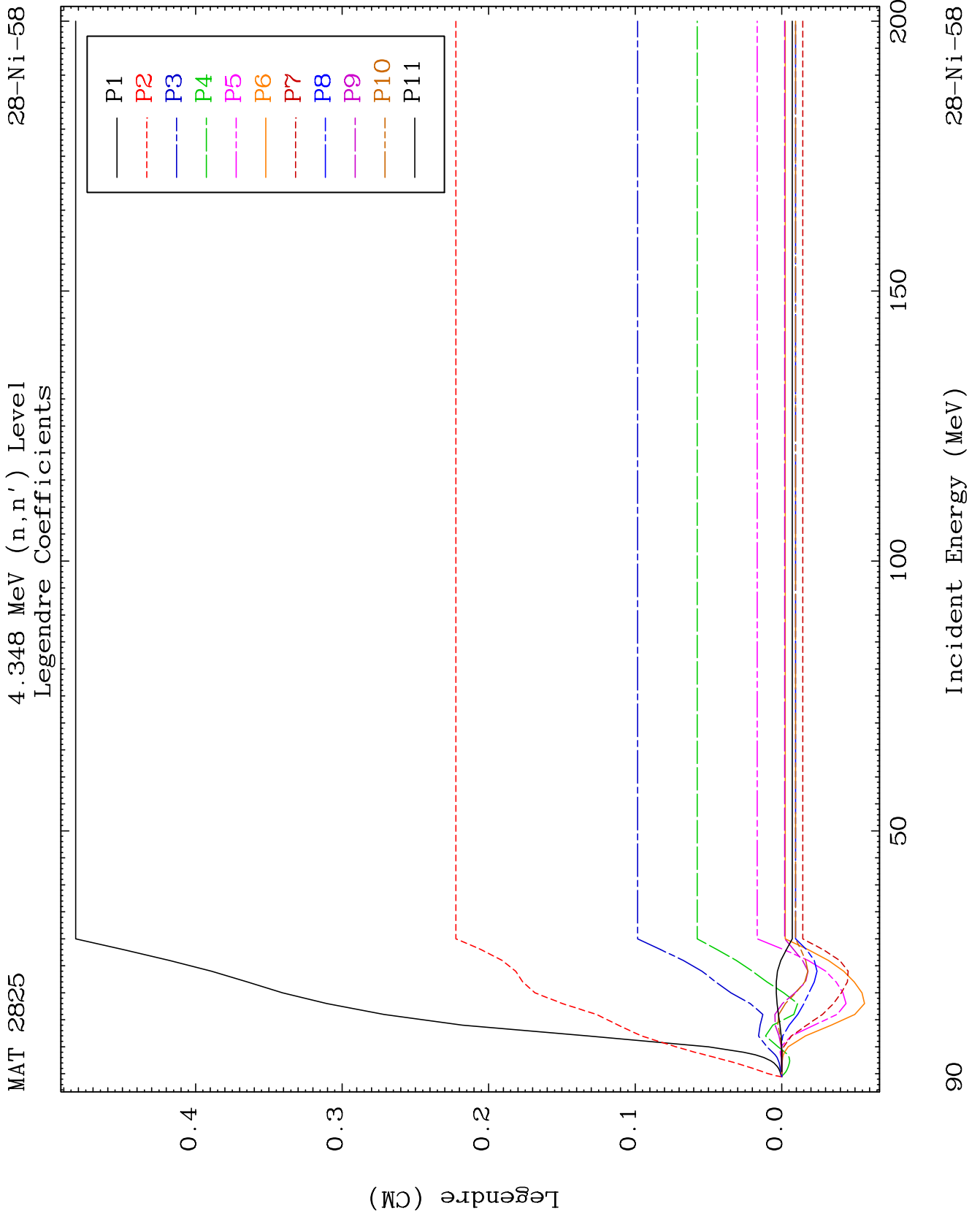


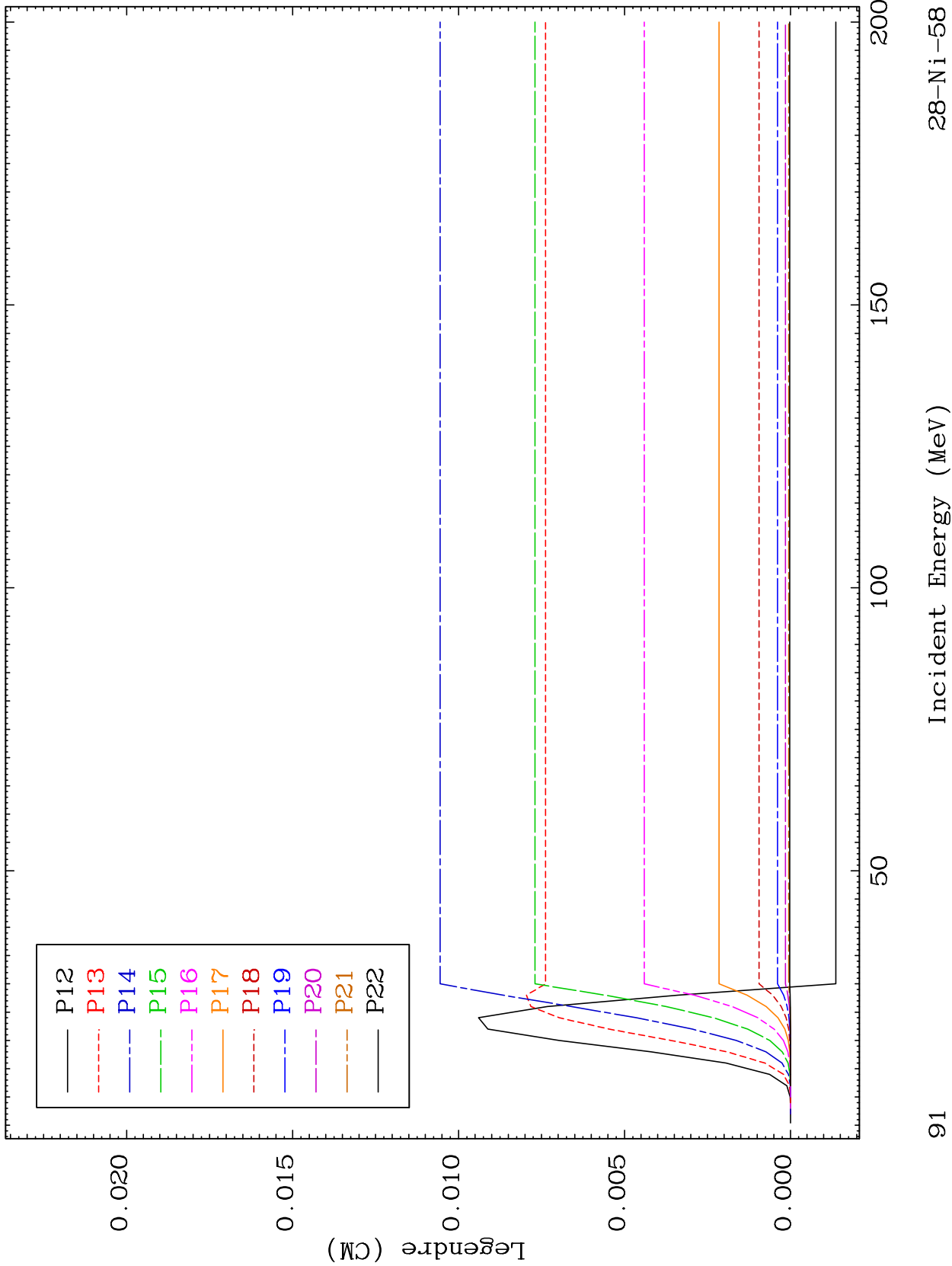
87

28-Ni-58





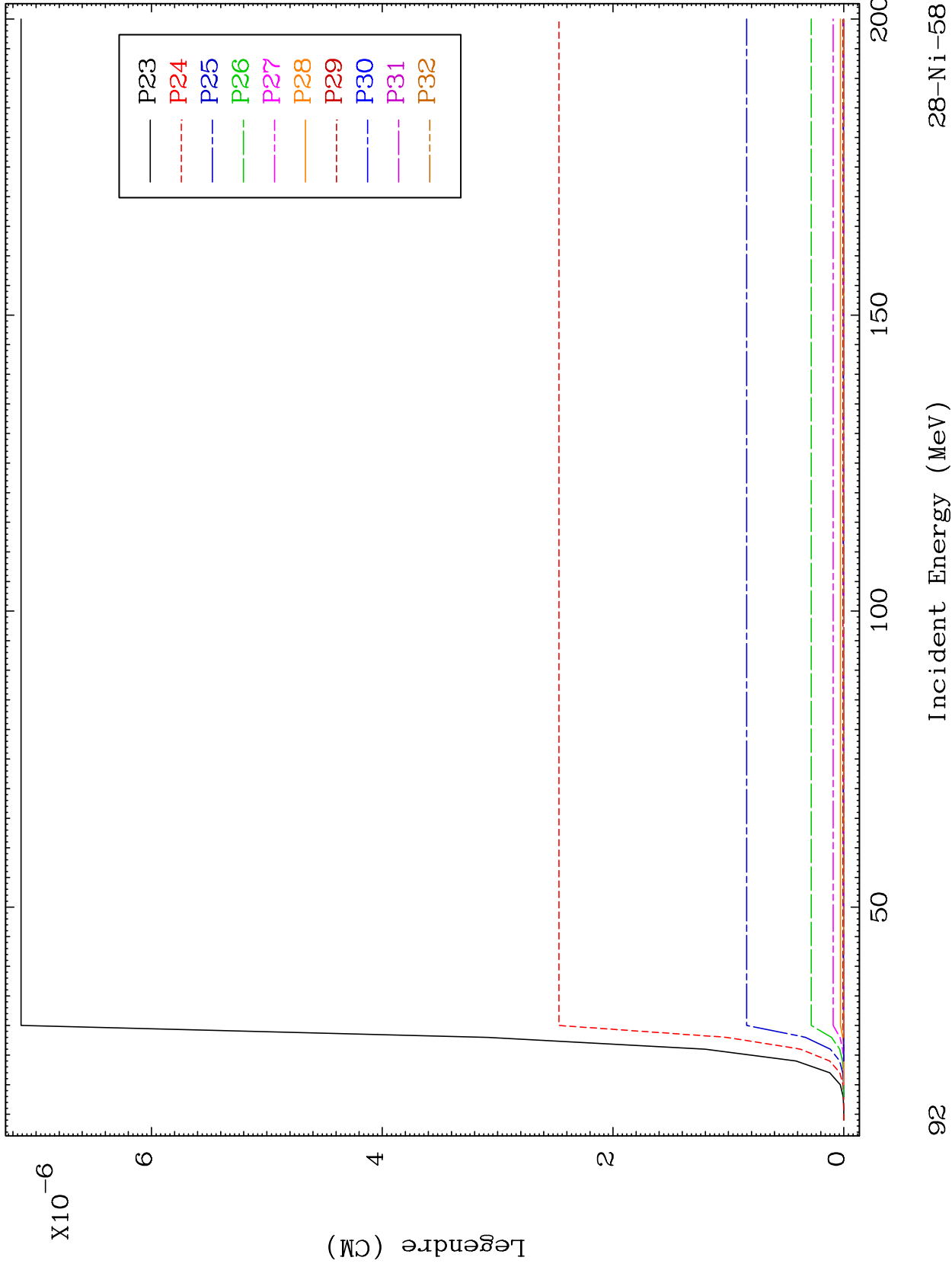




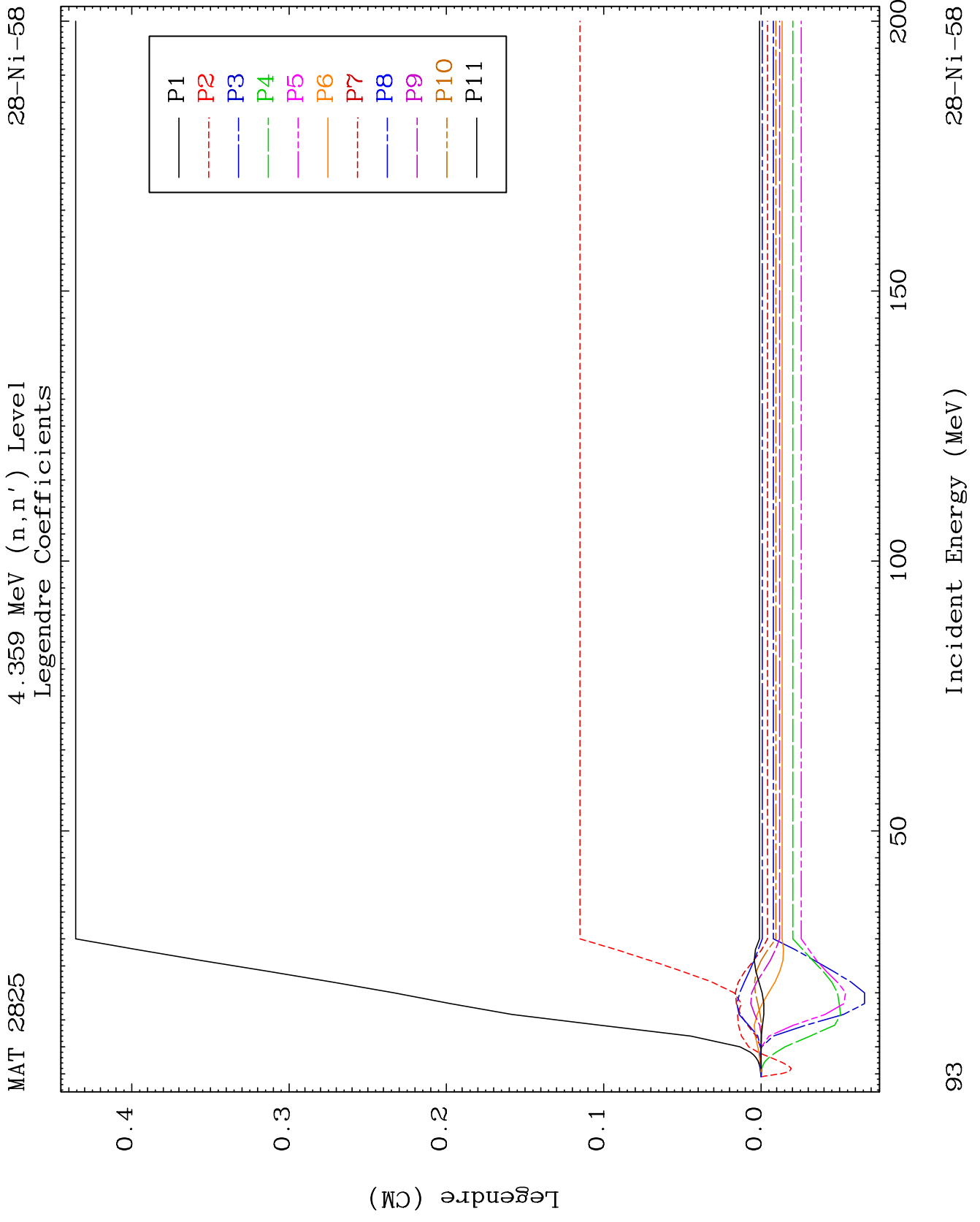
MAT 2825

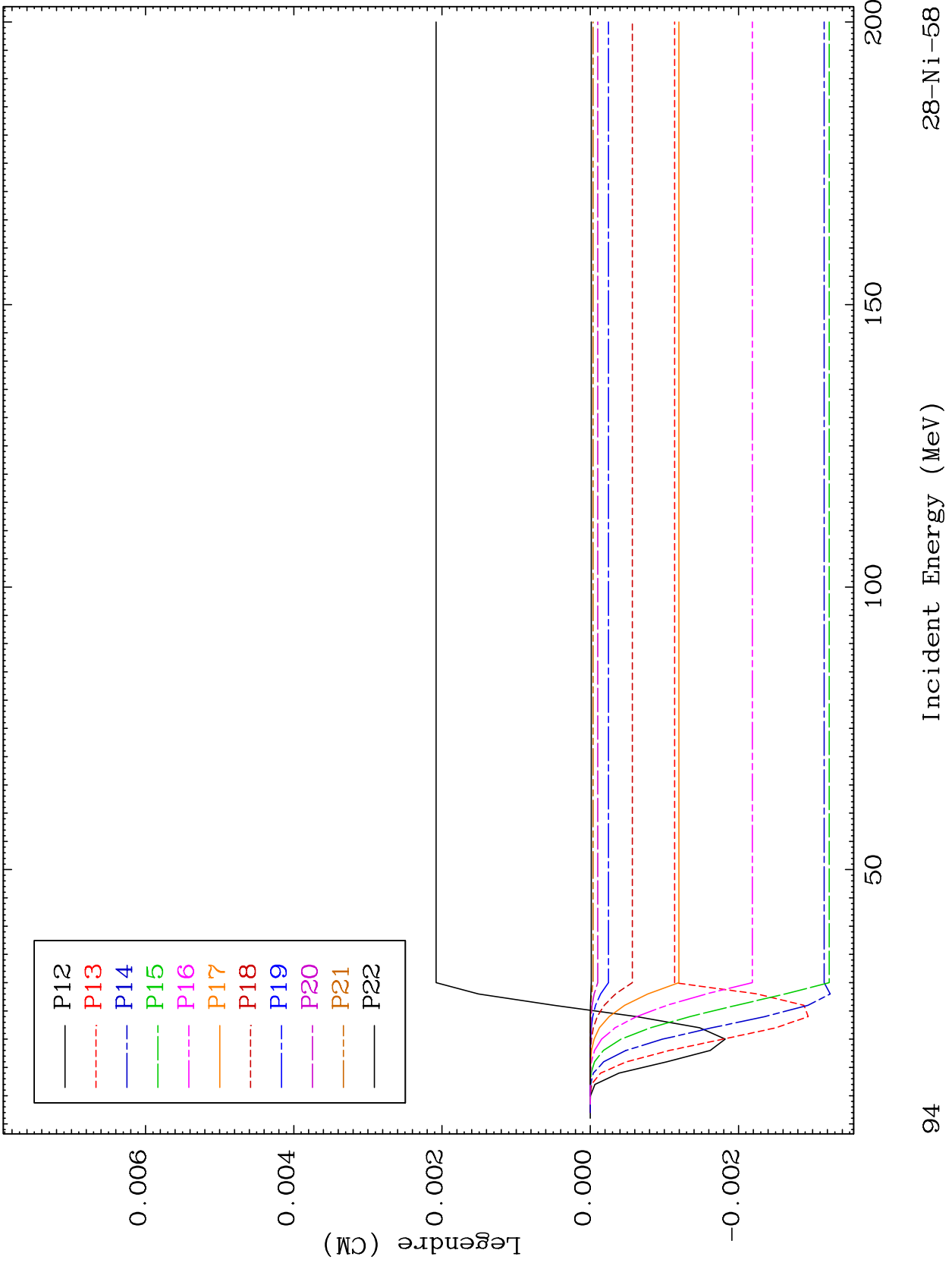
4.348 MeV (n,n') Level
Legendre Coefficients

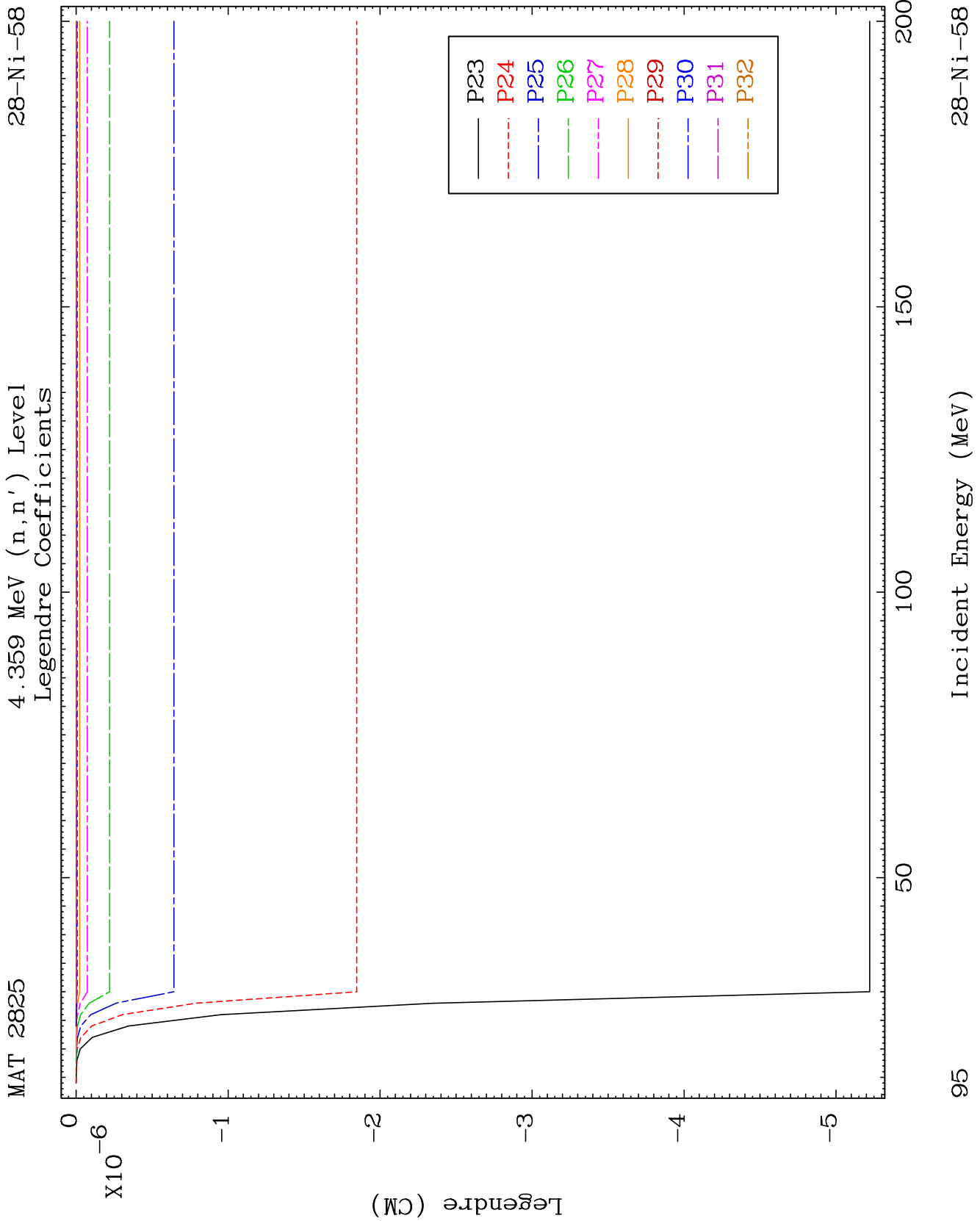
28-Ni-58



92



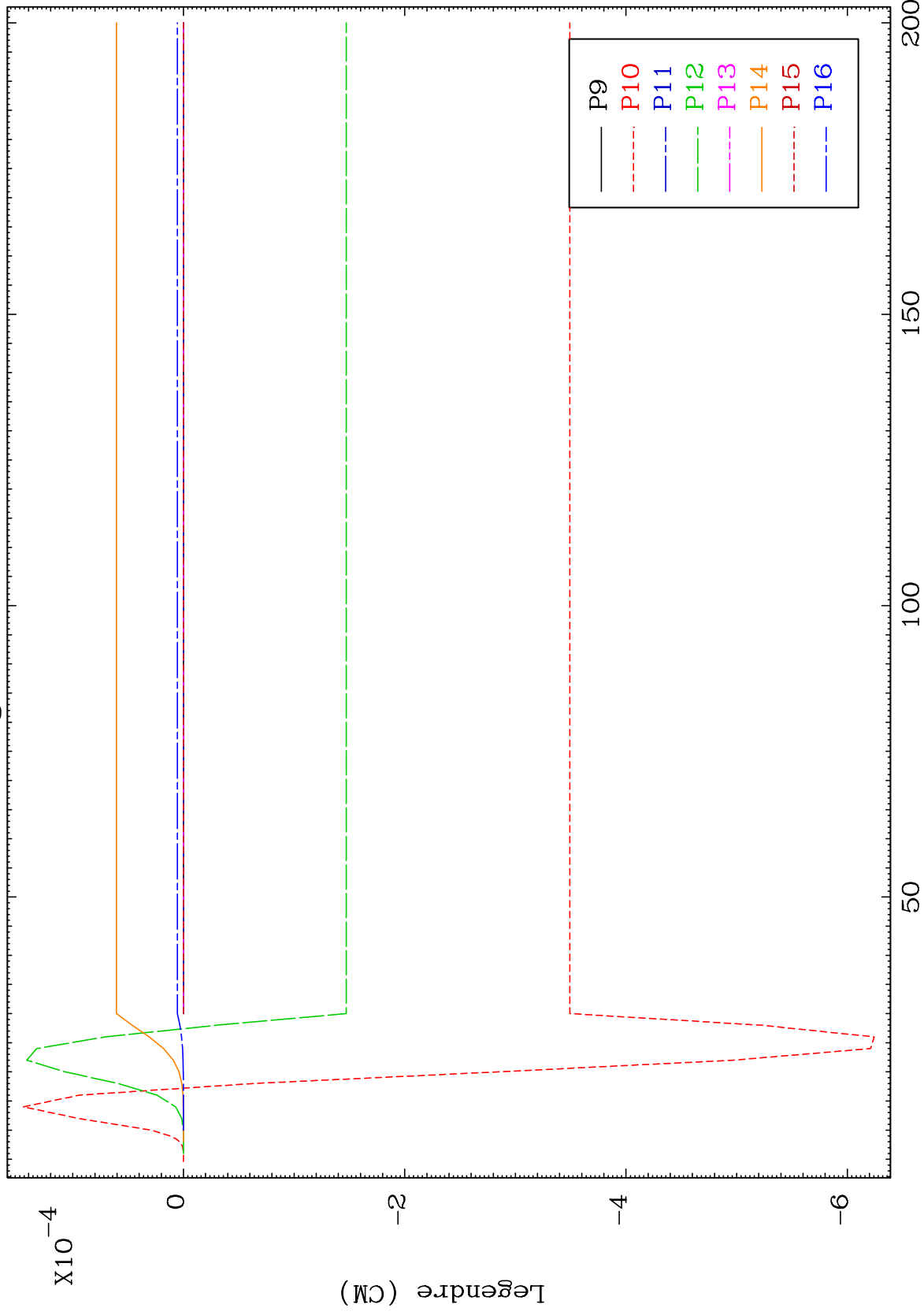




MAT 2825

4.383 MeV (n,n') Level
Legendre Coefficients

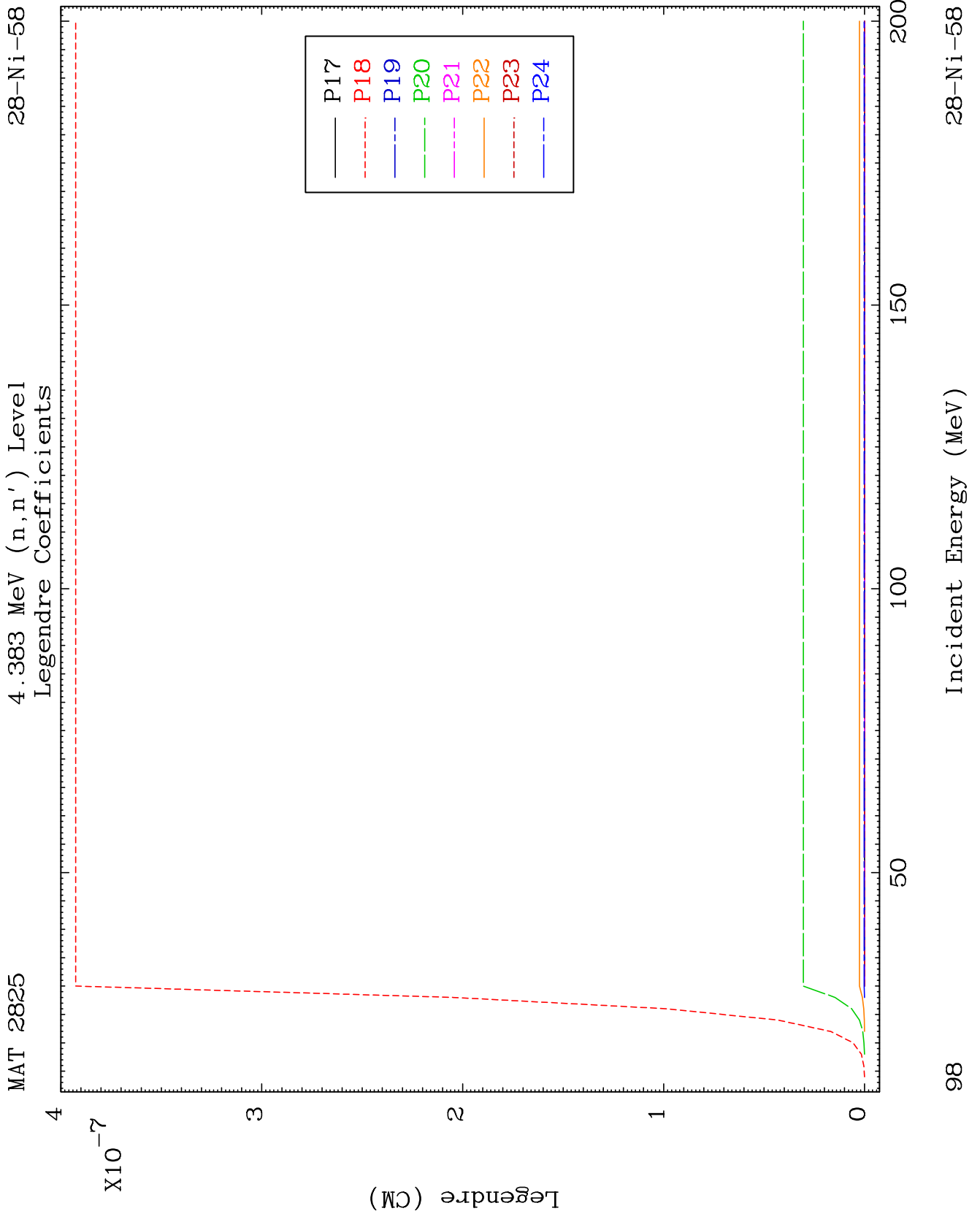
28-Ni-58



97

Incident Energy (MeV)

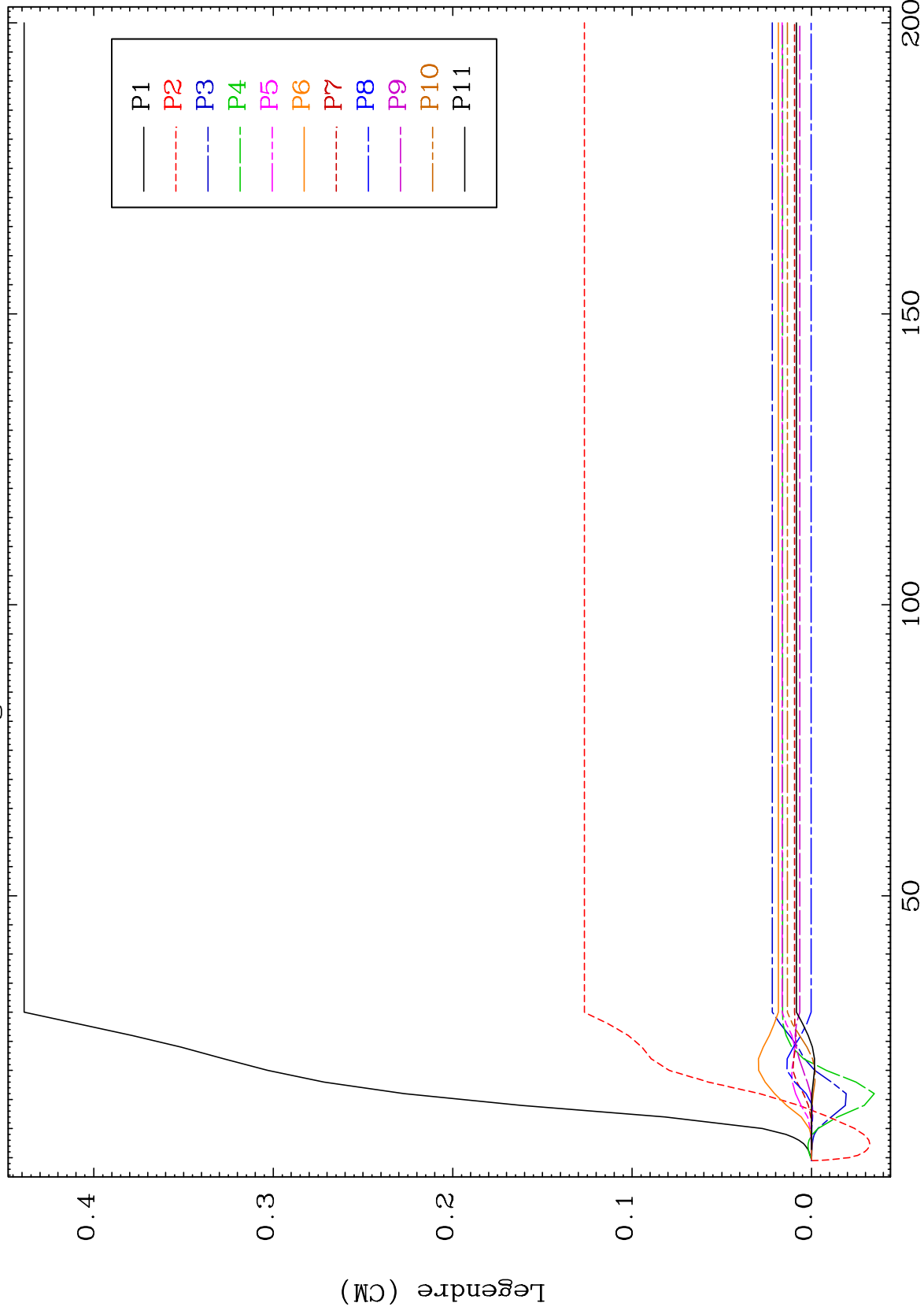
28-Ni-58



MAT 2825

4.404 MeV (n,n') Level
Legendre Coefficients

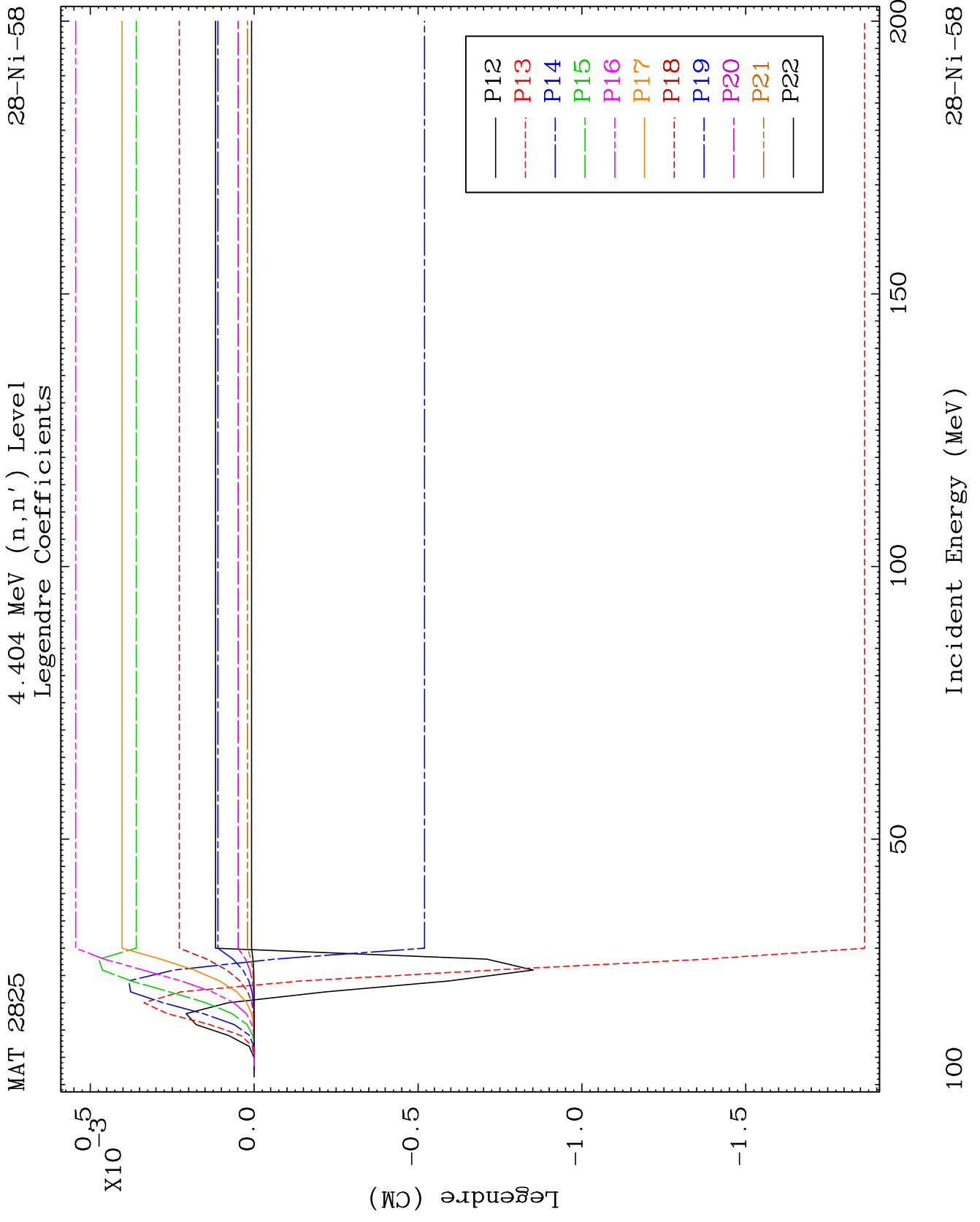
28-Ni-58

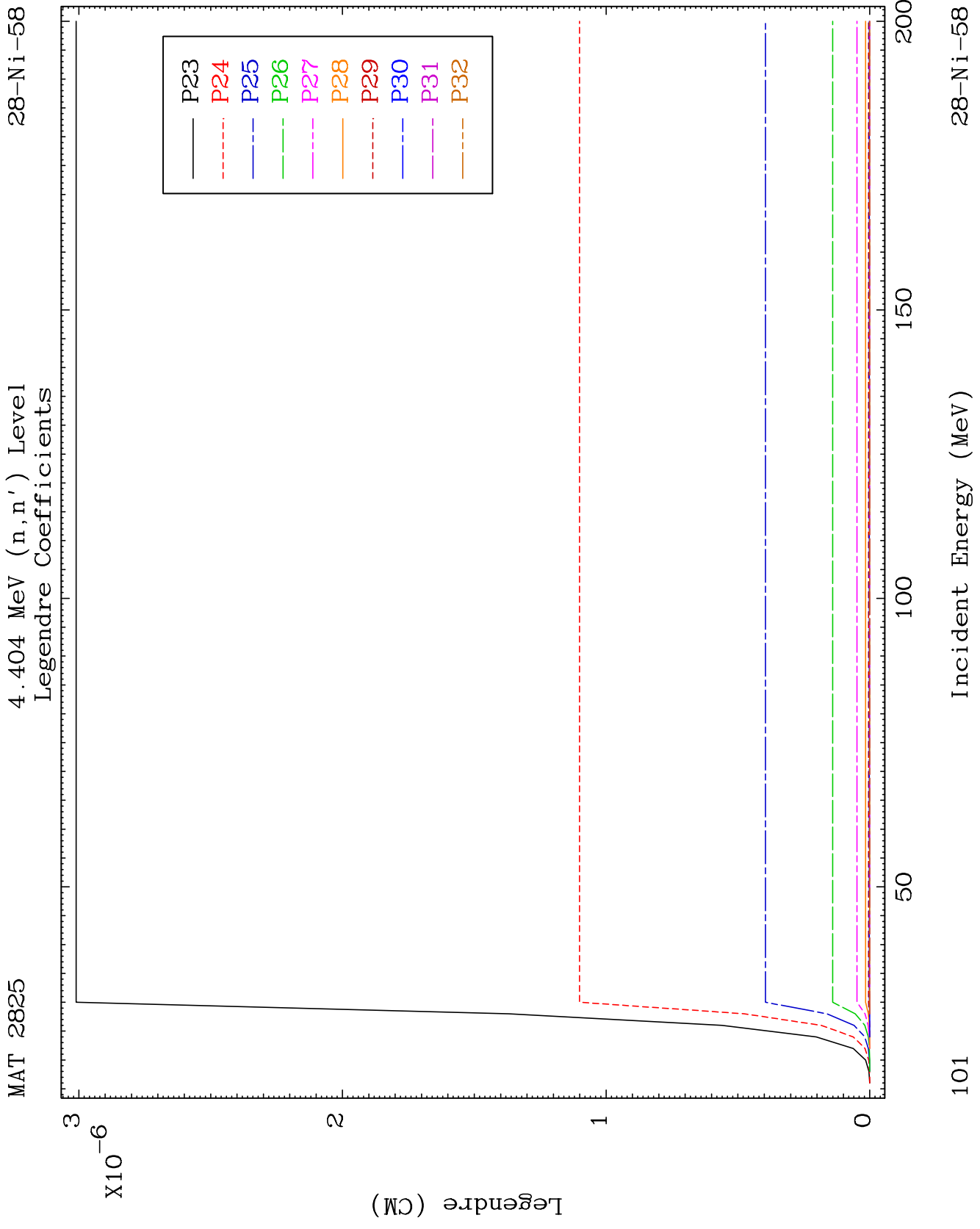


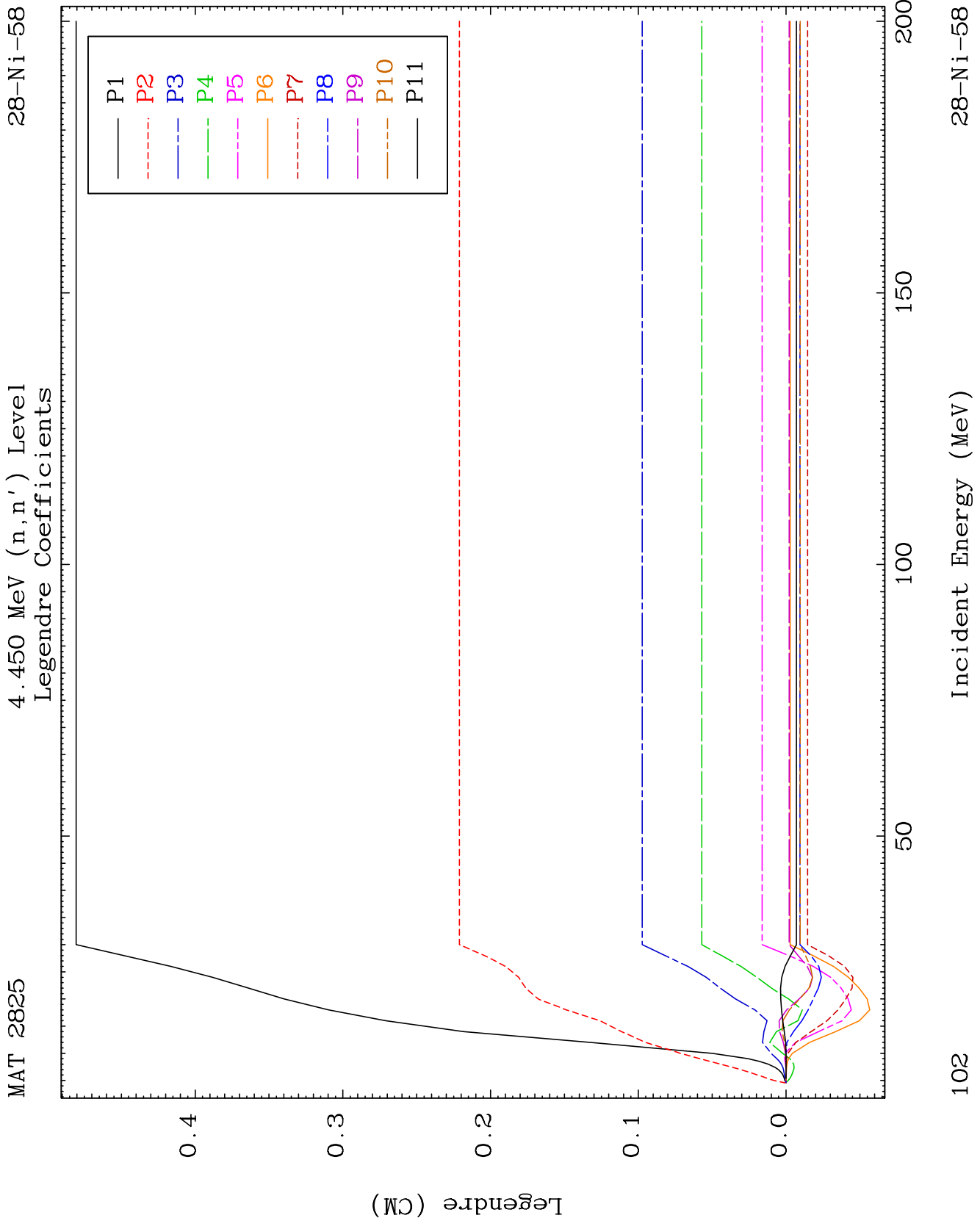
99

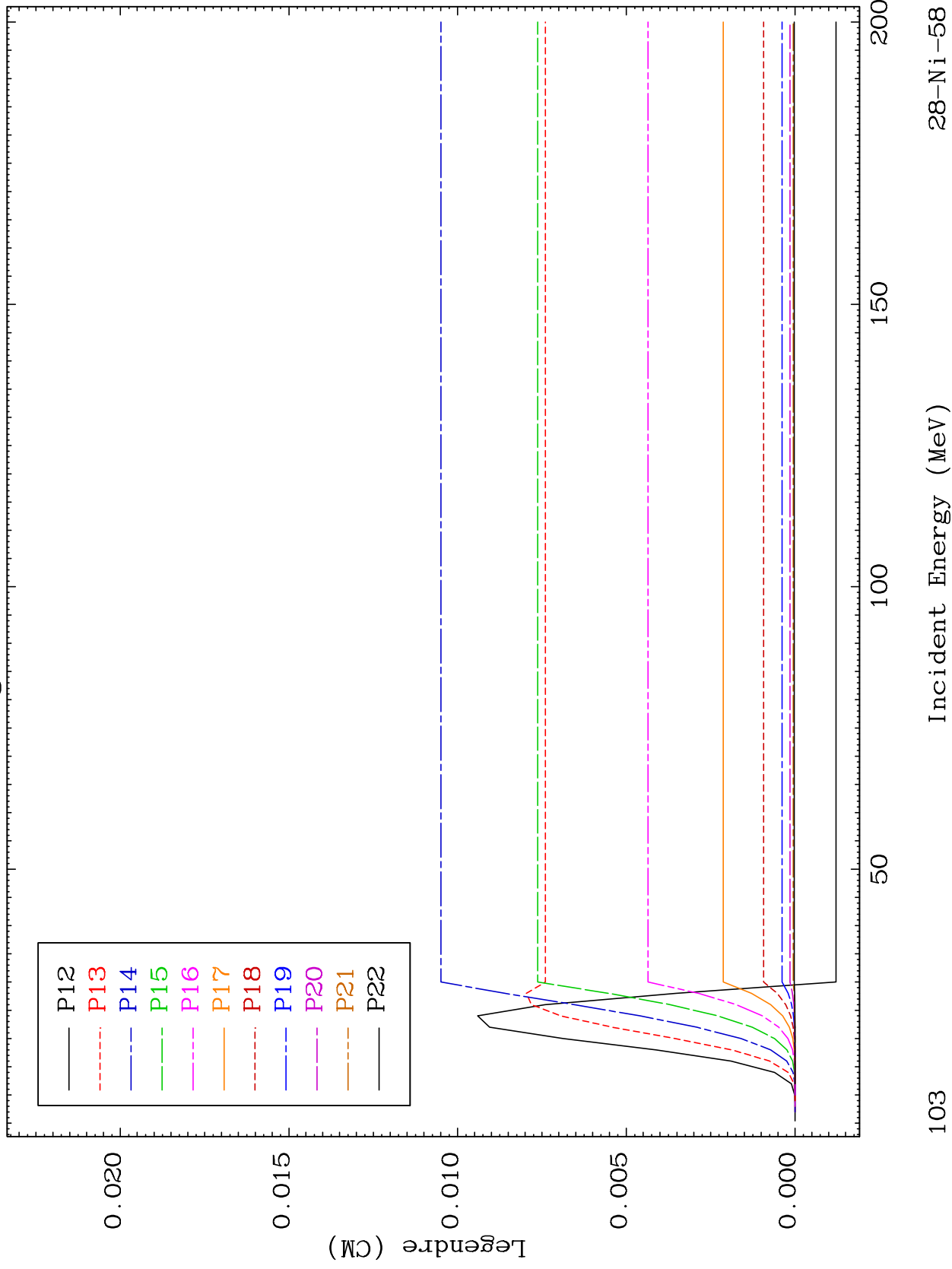
Incident Energy (MeV)

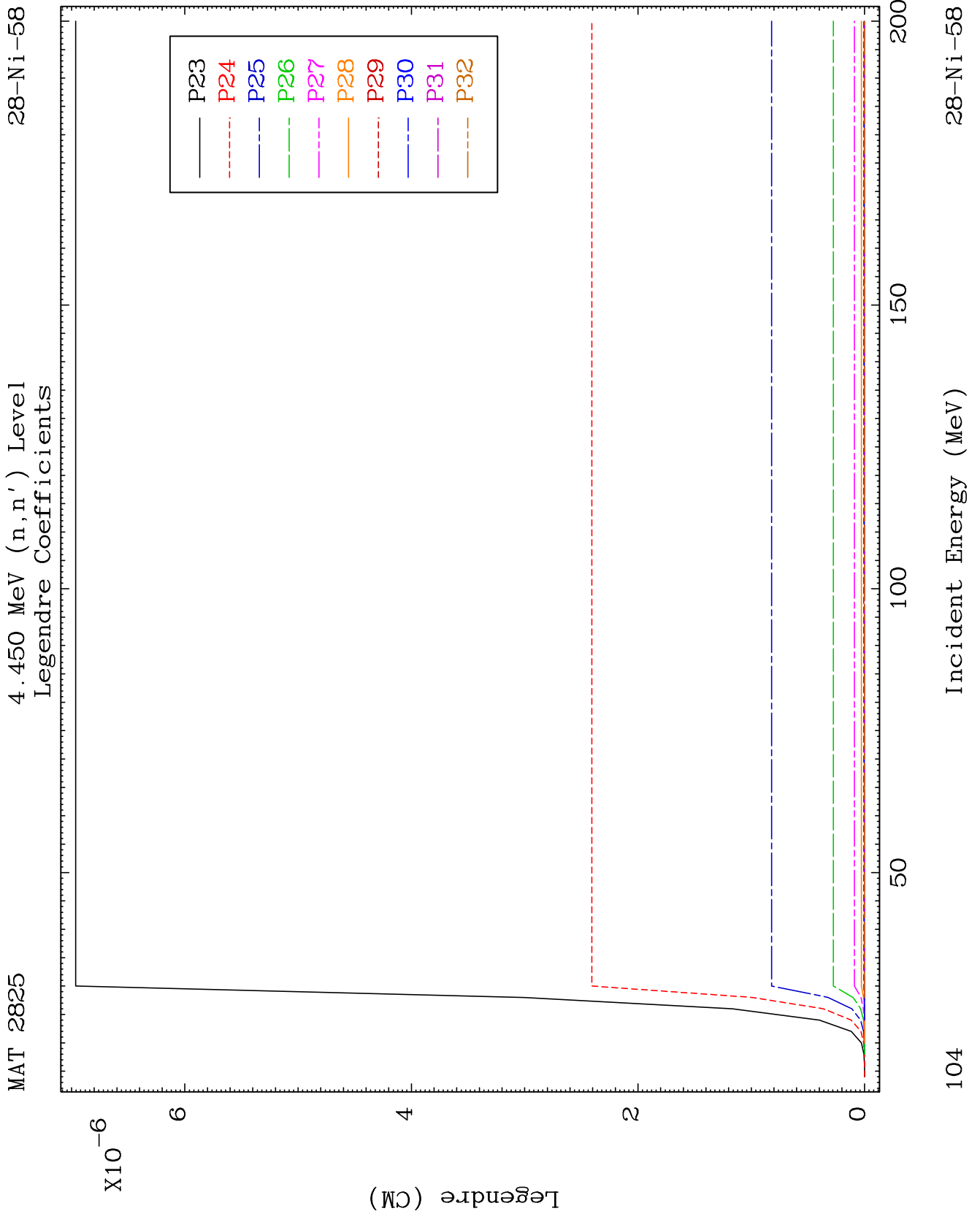
28-Ni-58

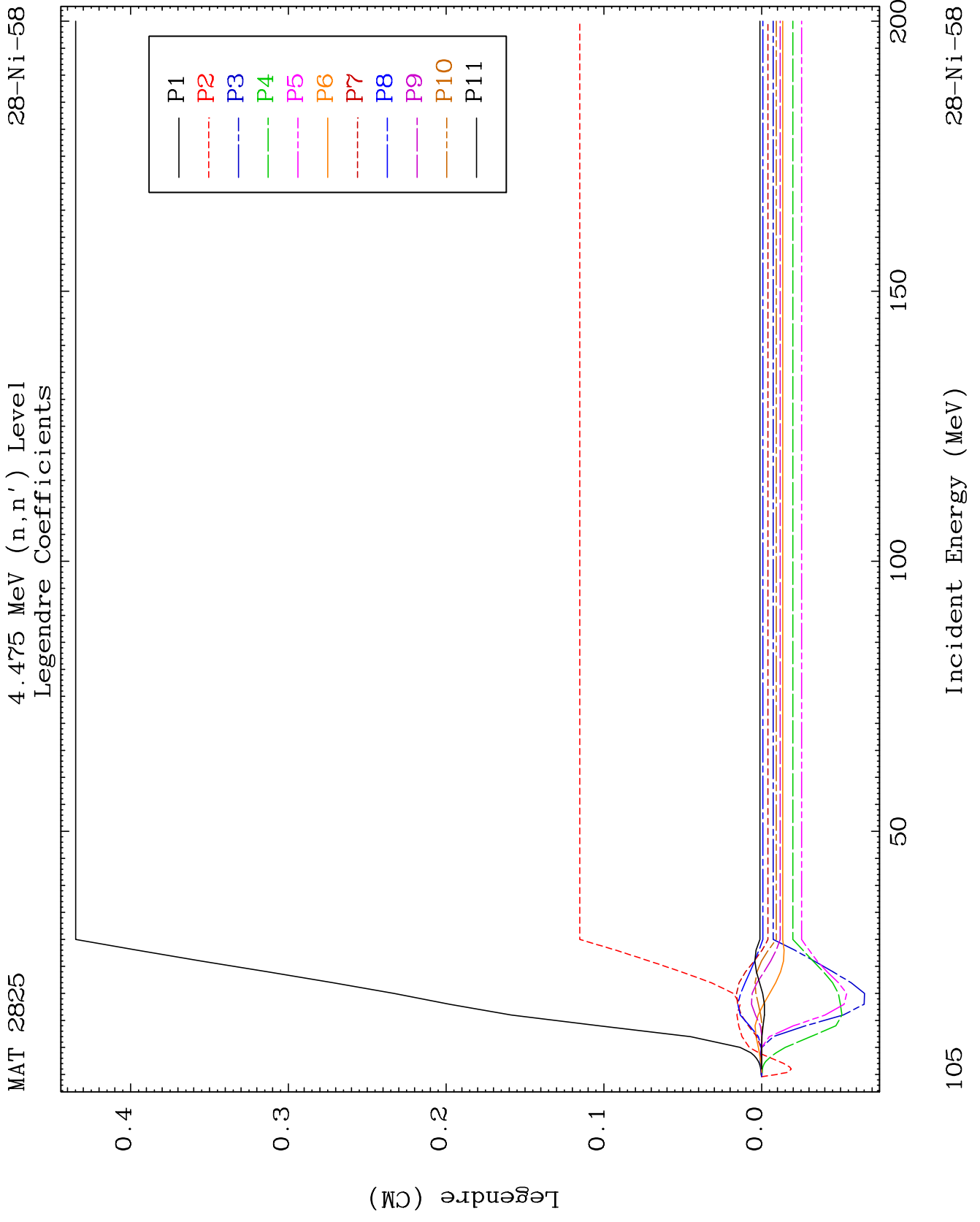


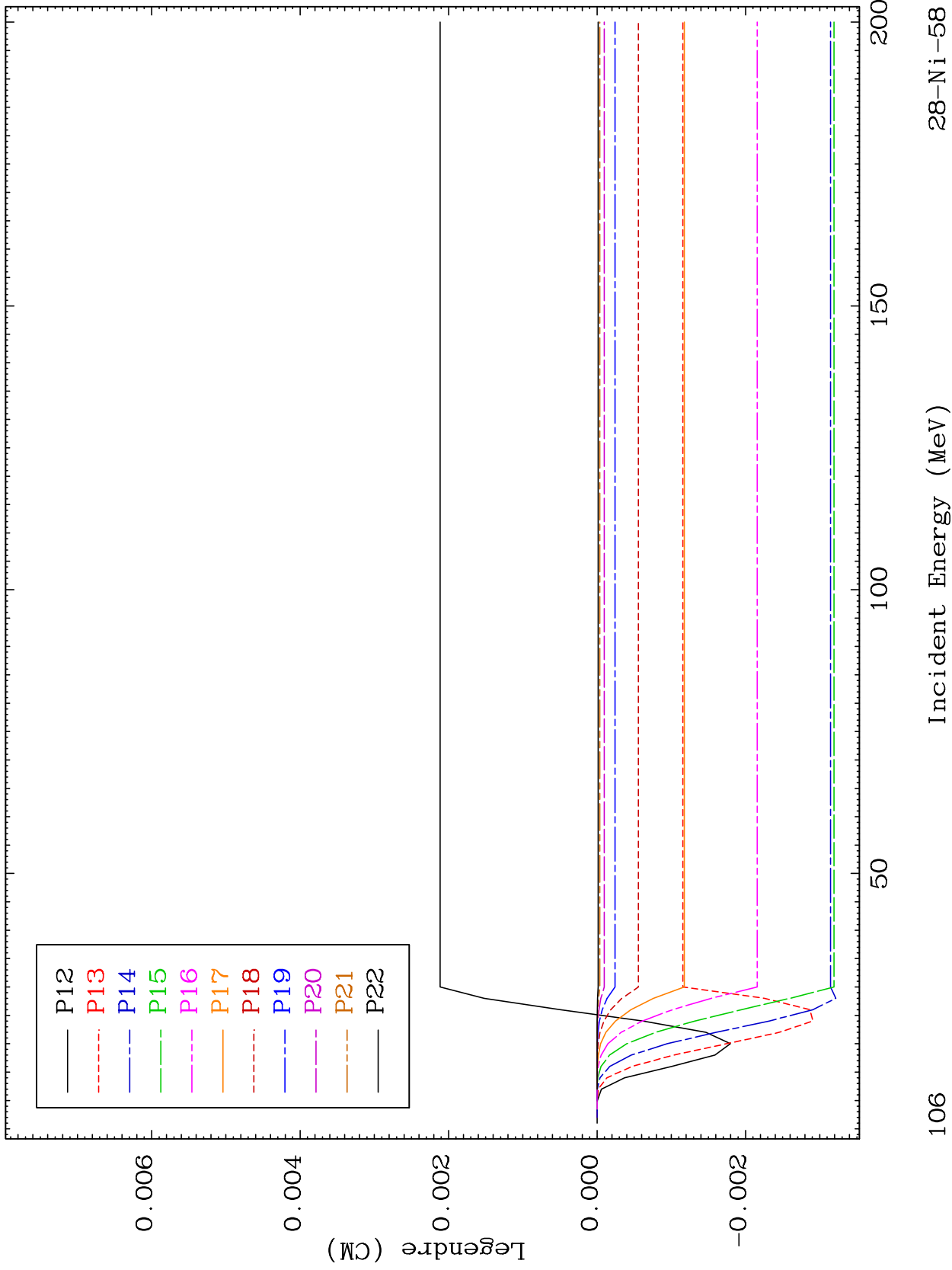










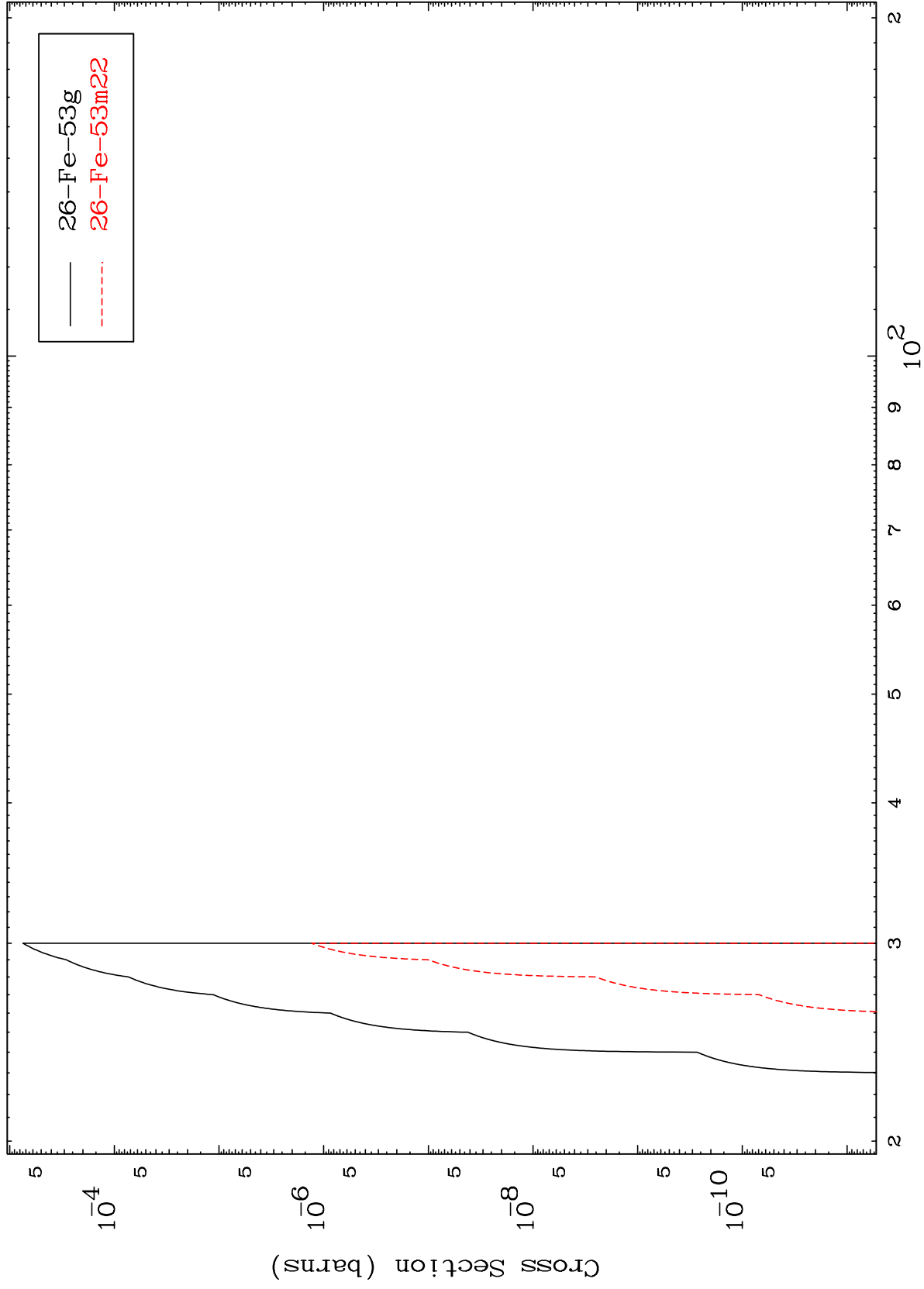


MAT 2825

(n,2n) α

28-Ni-58

Radionuclide Production Cross Section



108

Incident Energy (MeV)

28-Ni-58

MAT 2825

28-Ni-58

(n,p)
Radionuclide Production Cross Section

