

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

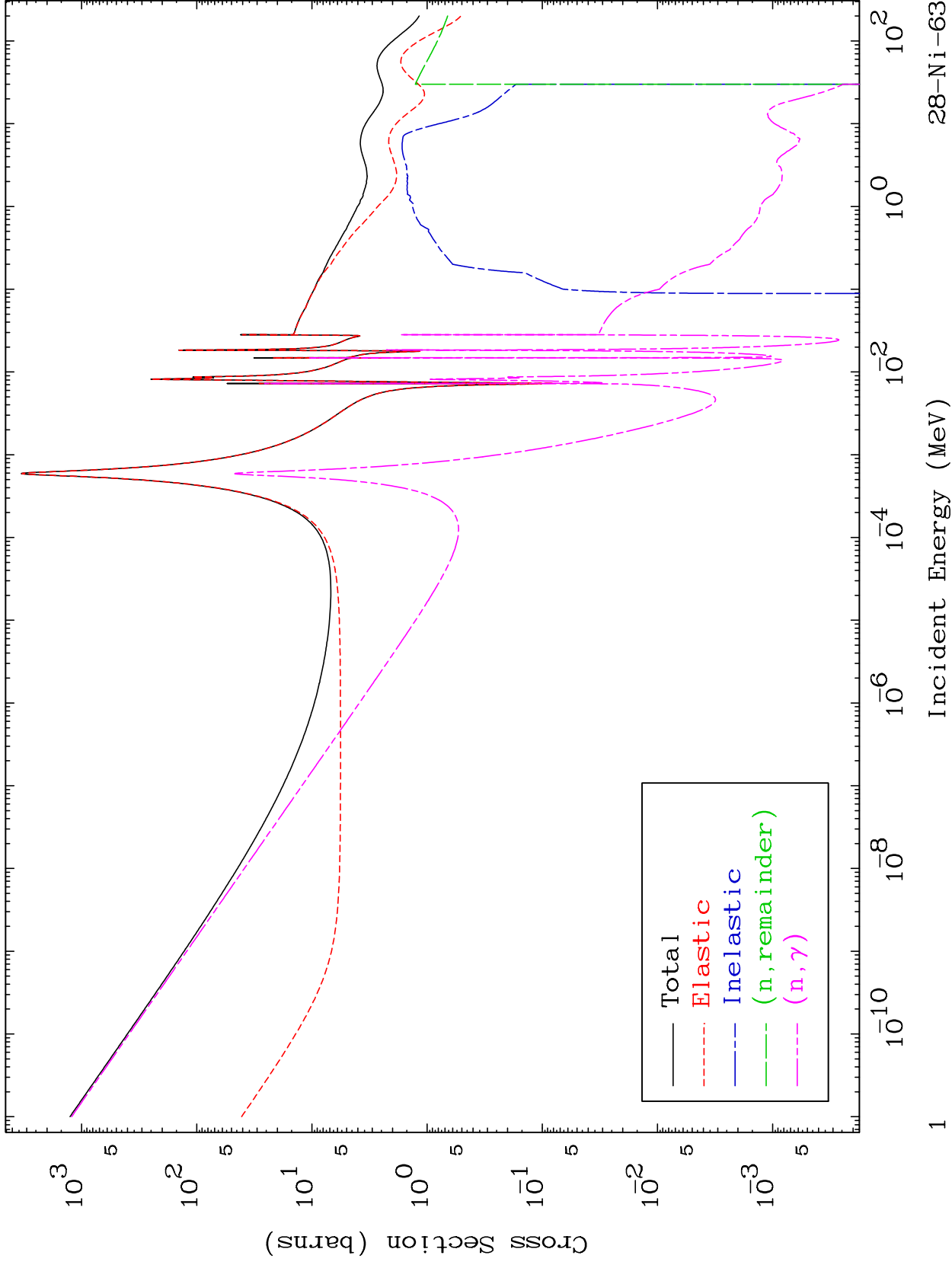
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 2840

Major
293 Kelvin Cross Sections

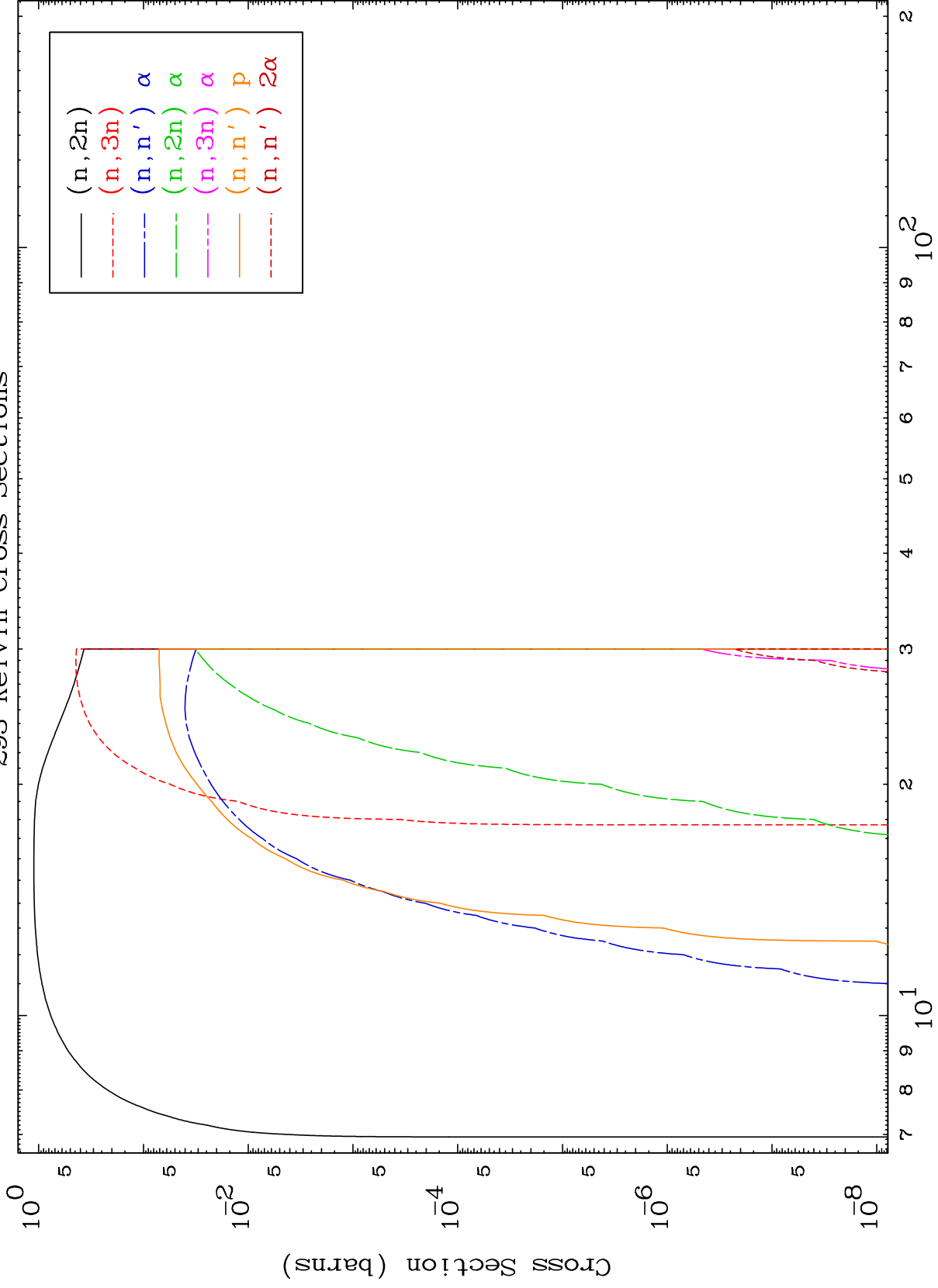
28-Ni-63



MAT 2840

Neutron Production
293 Kelvin Cross Sections

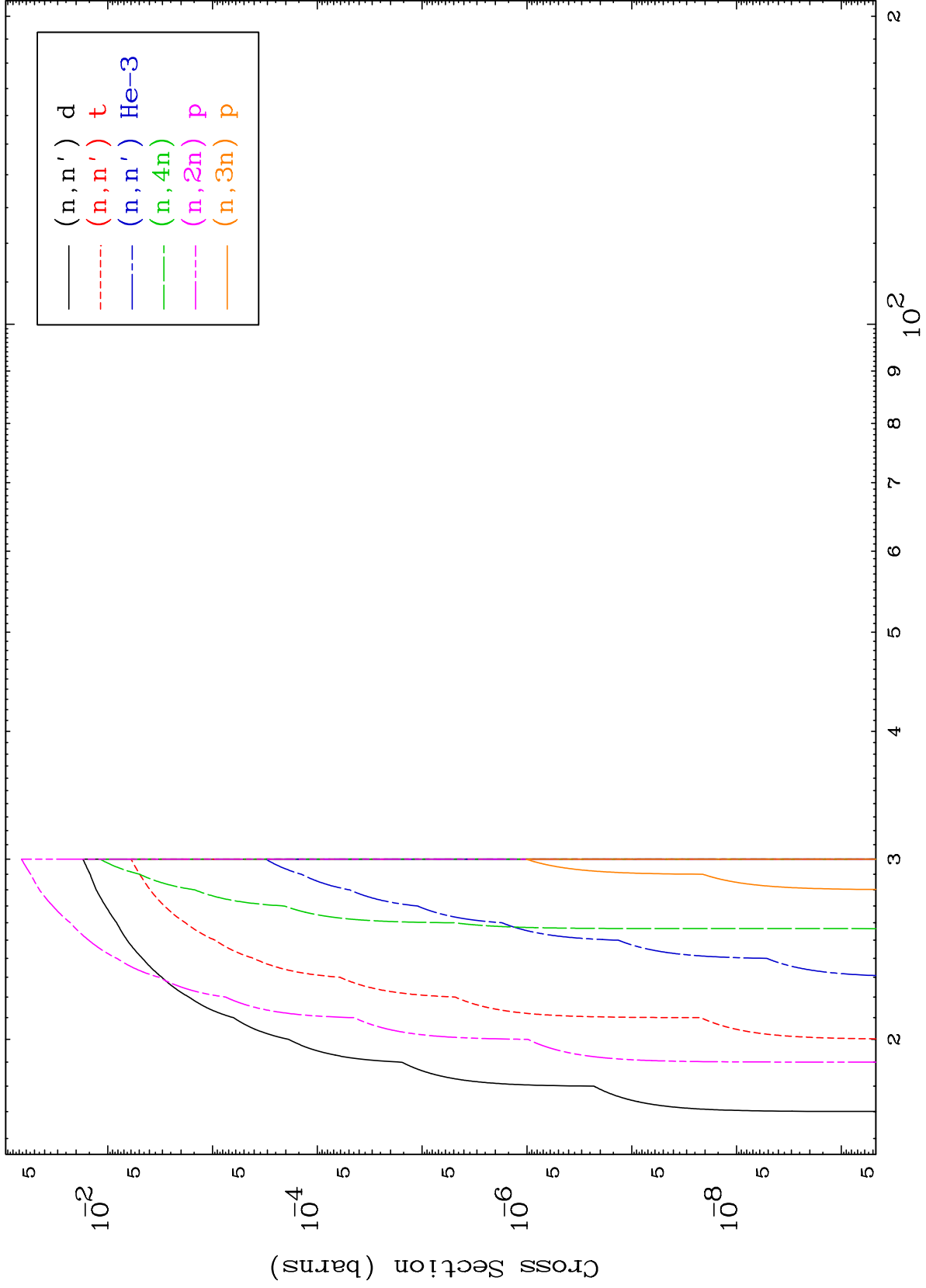
28-Ni-63

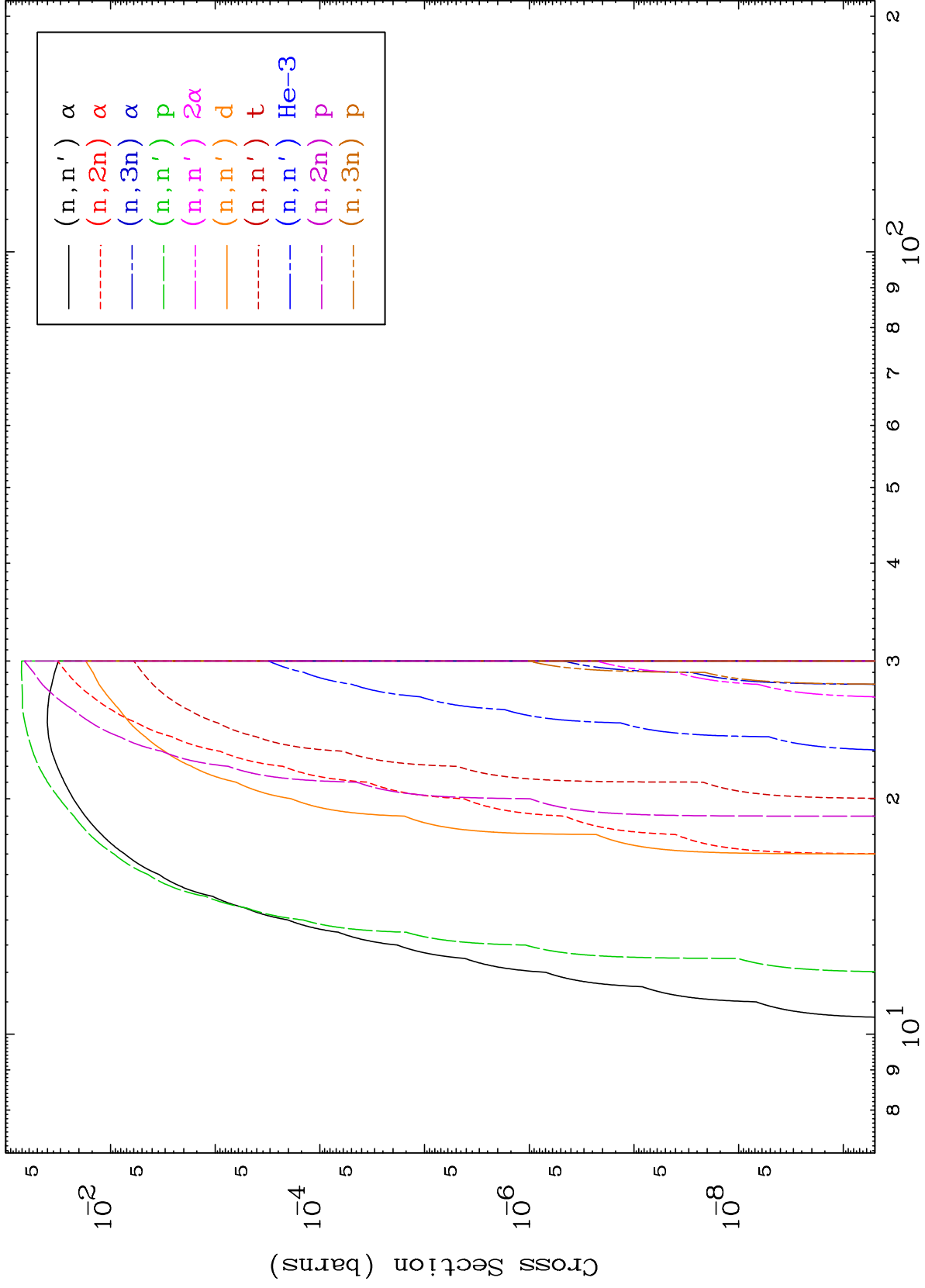


2

Incident Energy (MeV)

28-Ni-63

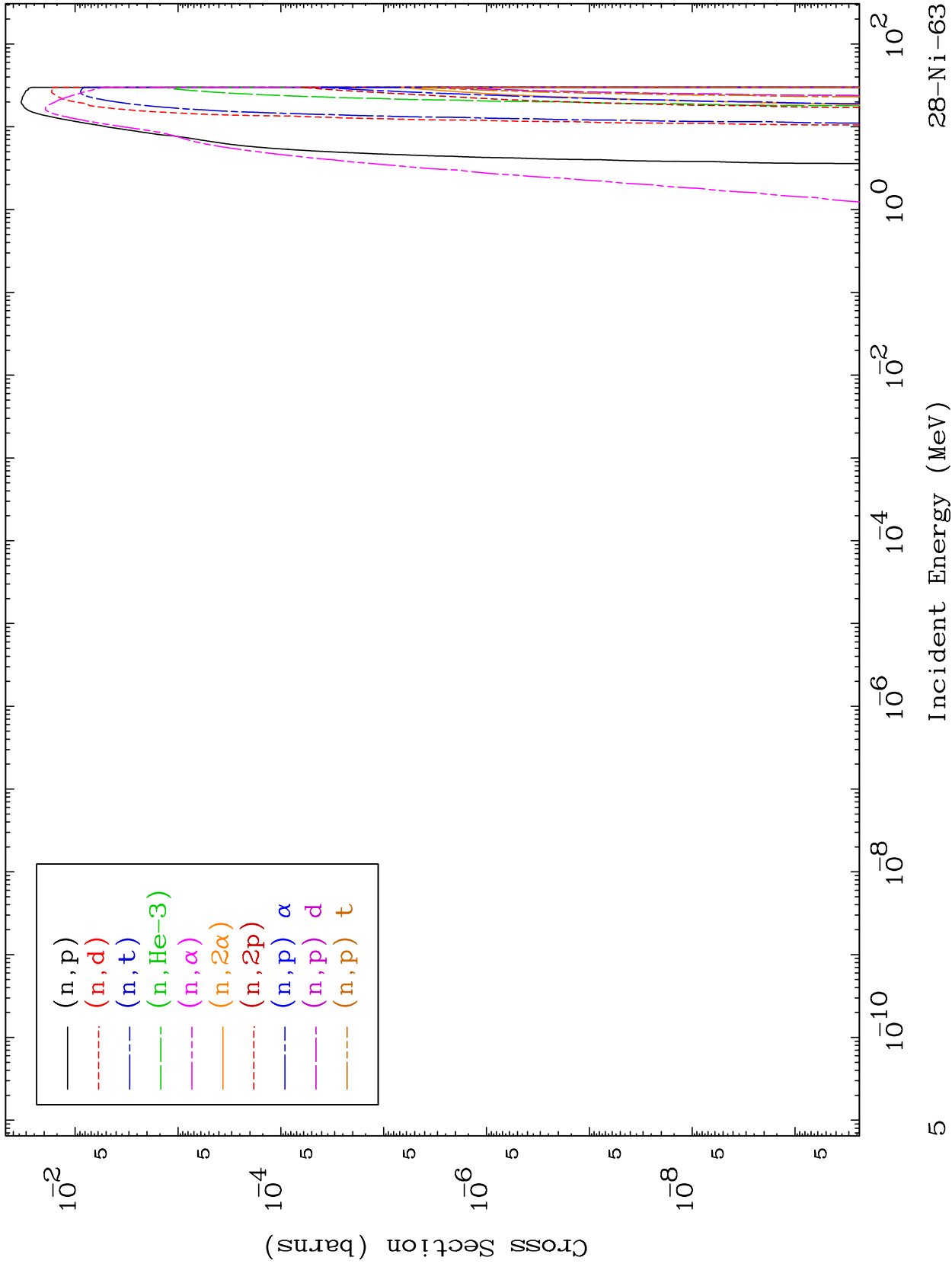




MAT 2840

Charged Particle
293 Kelvin Cross Sections

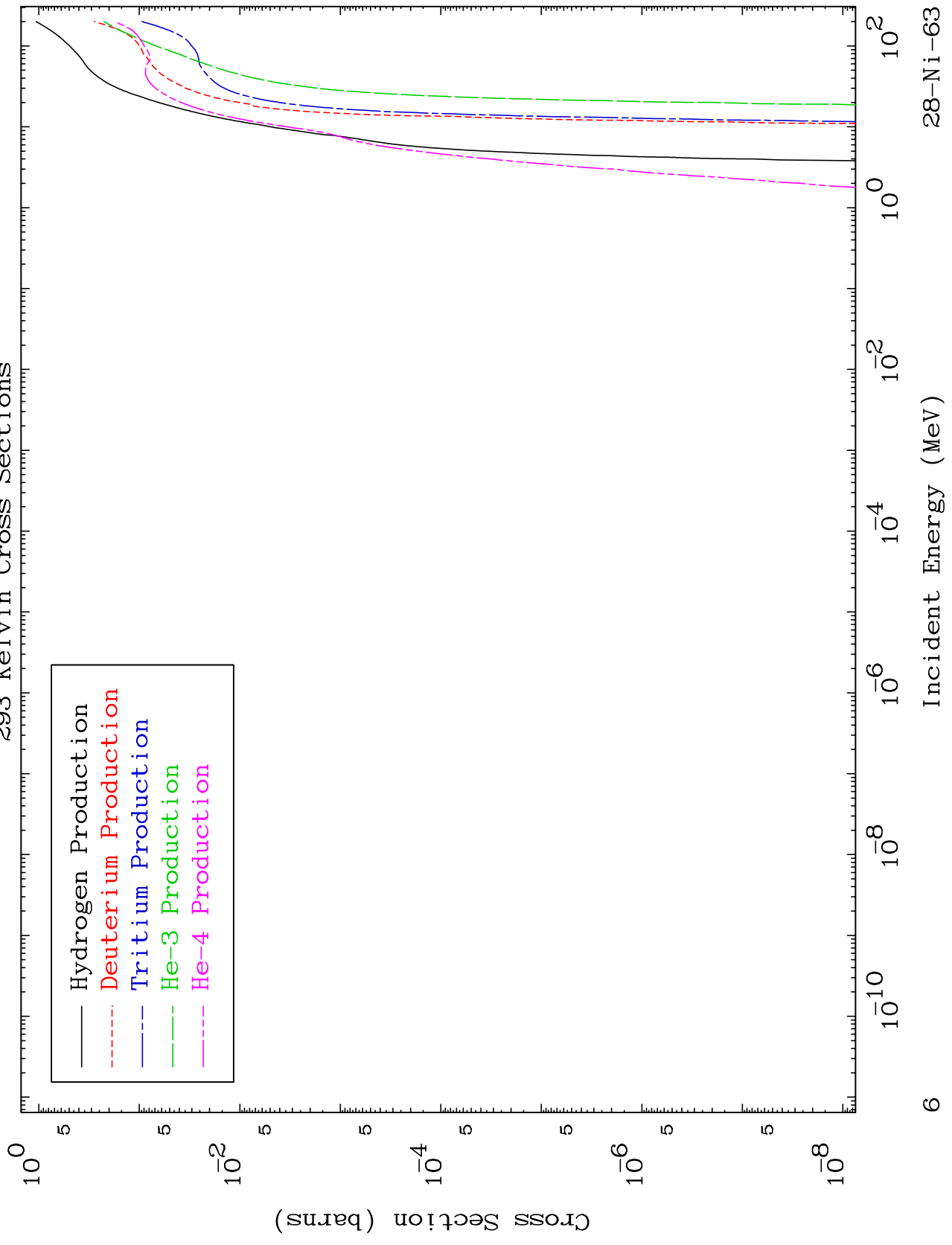
28-Ni-63



MAT 2840

Particle Production
293 Kelvin Cross Sections

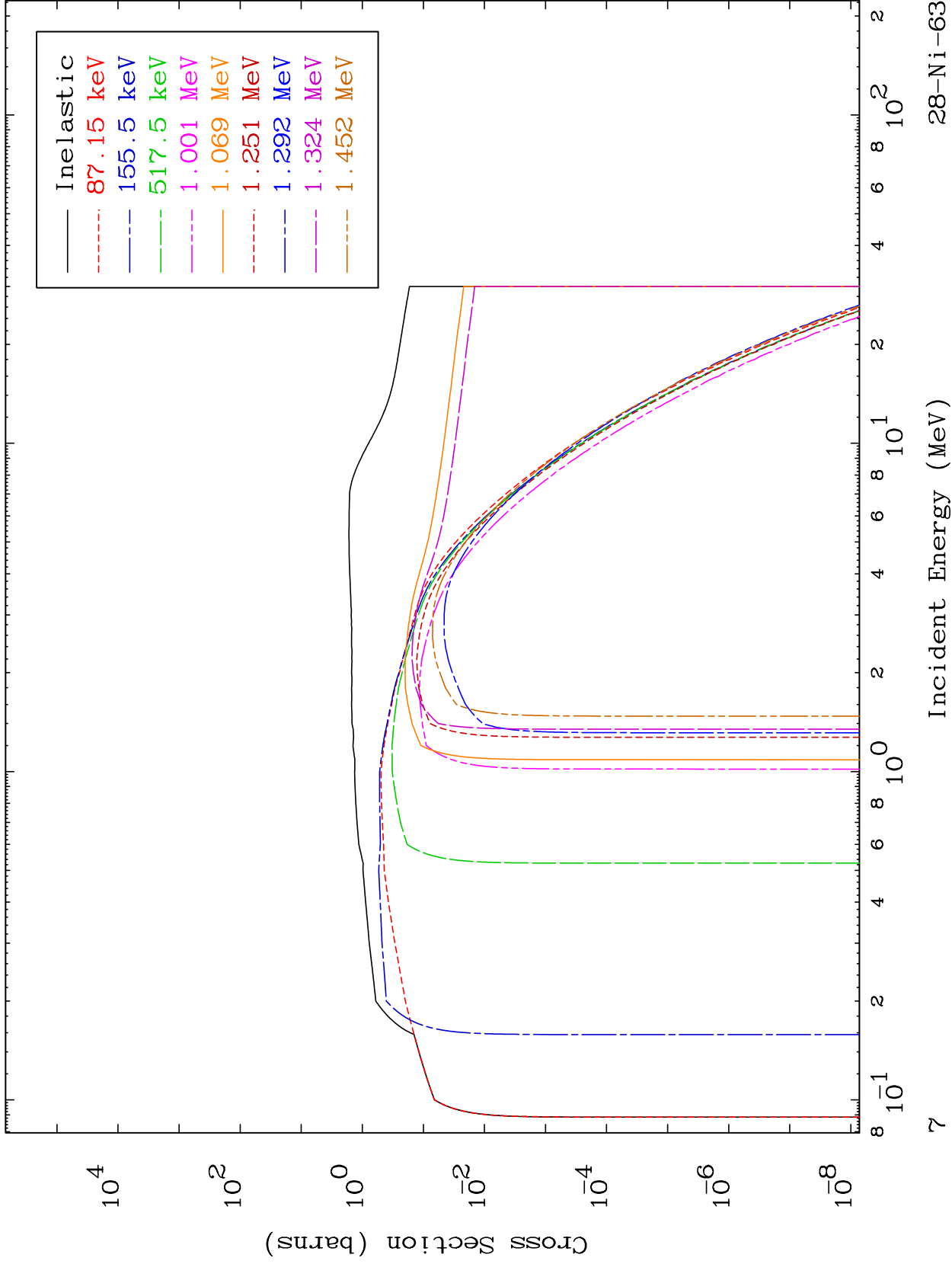
28-Ni-63



MAT 2840

(n,n') Level
293 Kelvin Cross Sections

28-Ni-63



28-Ni-63

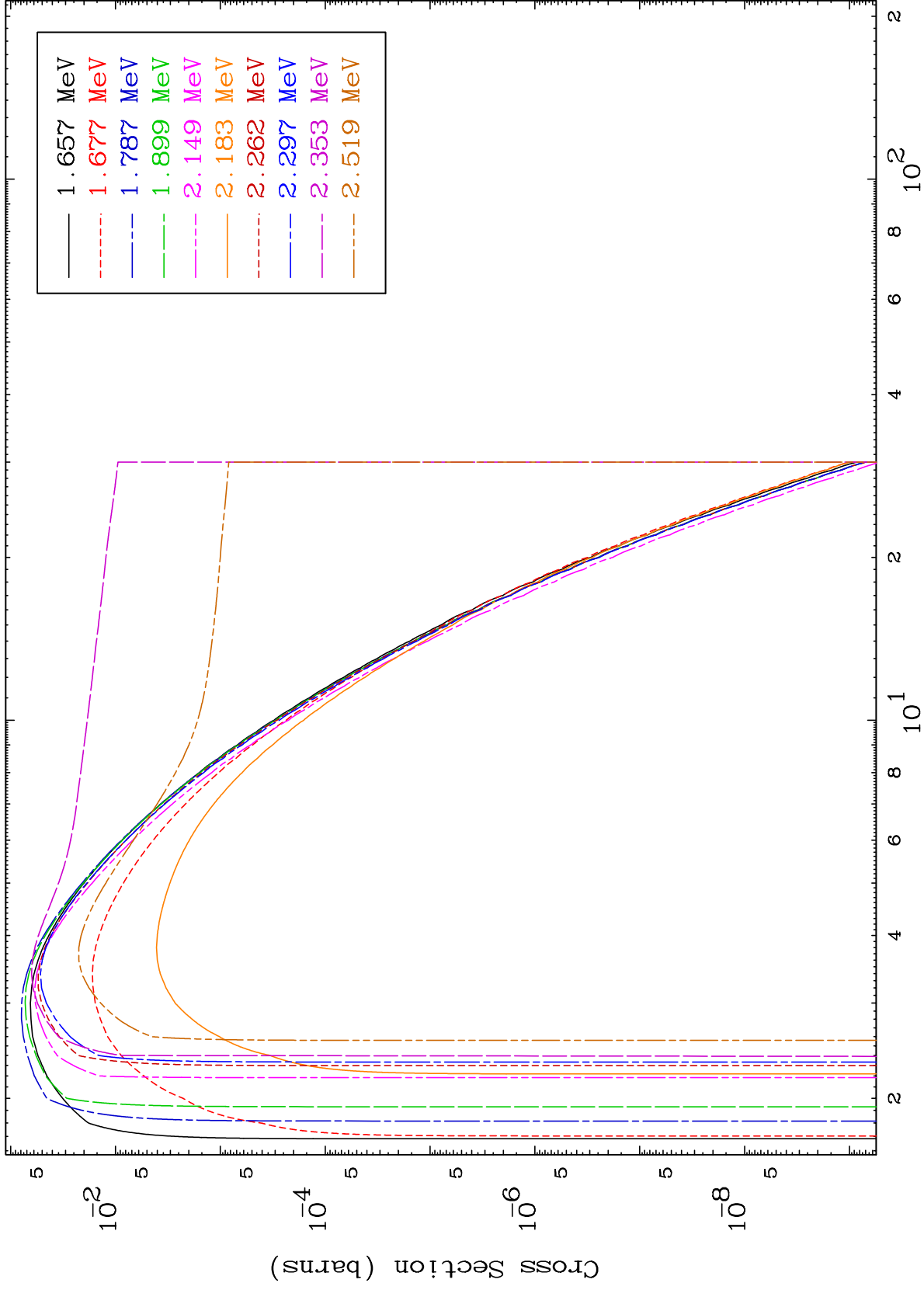
Incident Energy (MeV)

7

MAT 2840

(n,n') Level
293 Kelvin Cross Sections

28-Ni-63



8

Incident Energy (MeV)

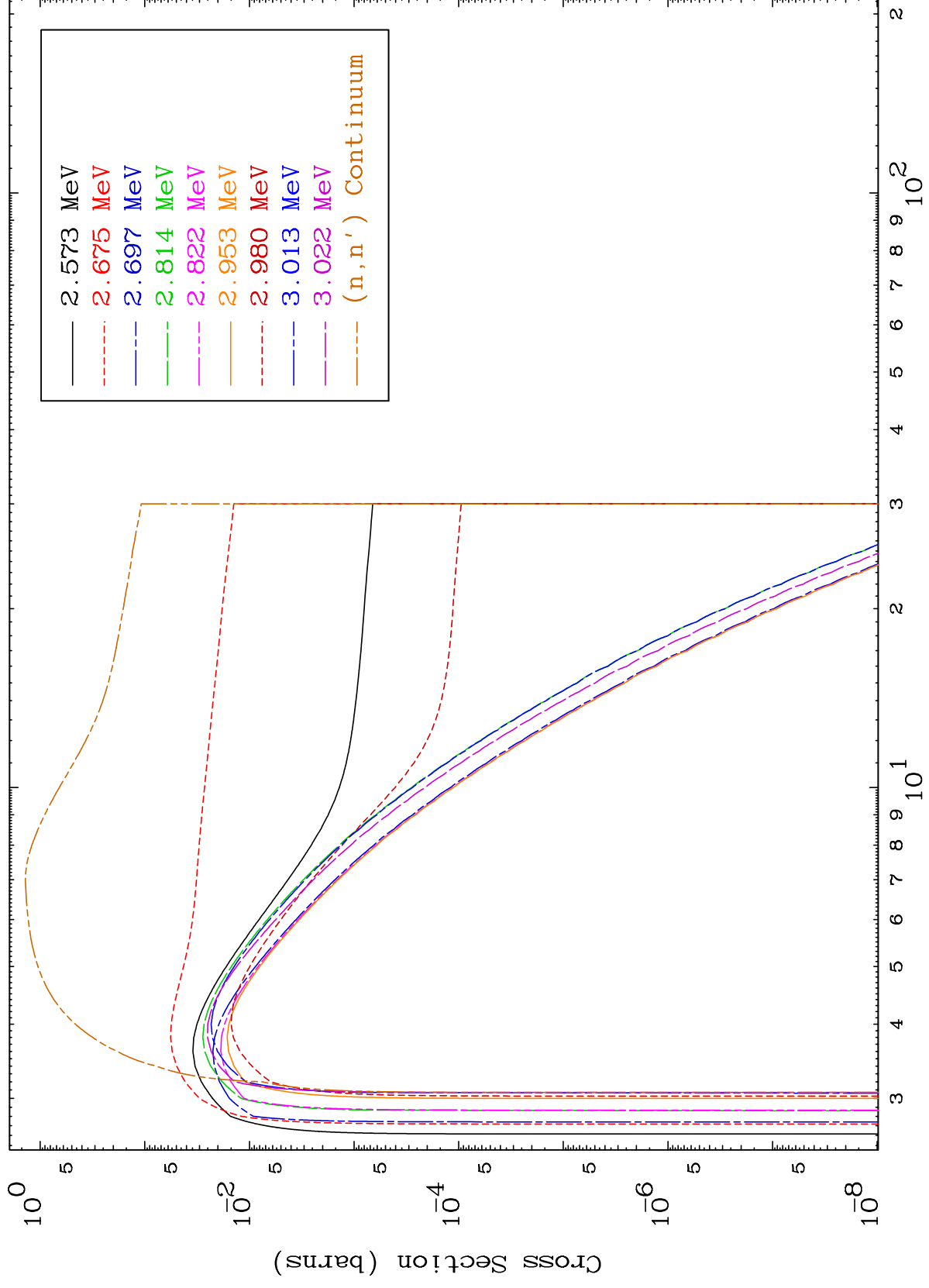
28-Ni-63

MAT 2840

(n,n') Level

28-Ni-63

293 Kelvin Cross Sections



9

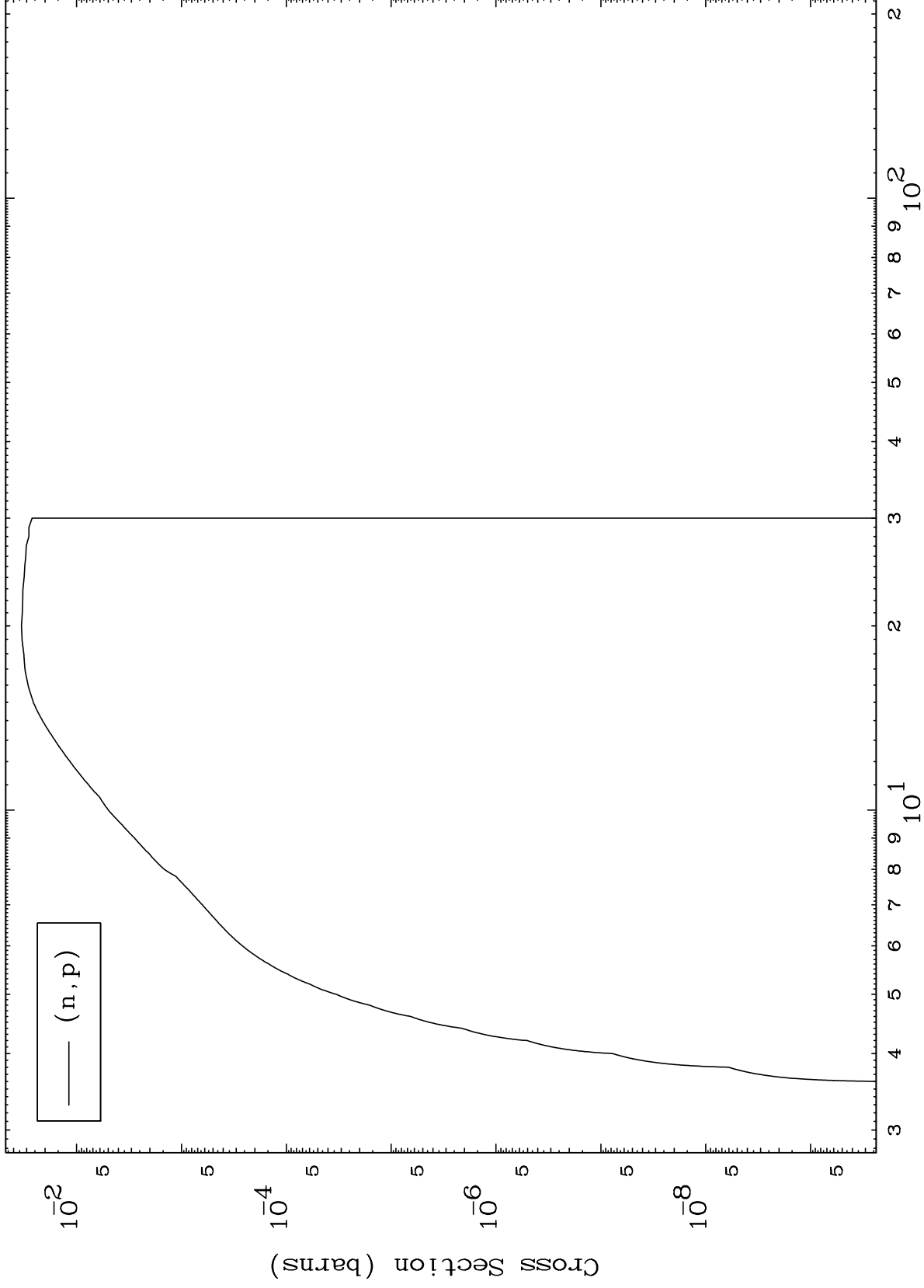
Incident Energy (MeV)

28-Ni-63

MAT 2840

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-63



Incident Energy (MeV)

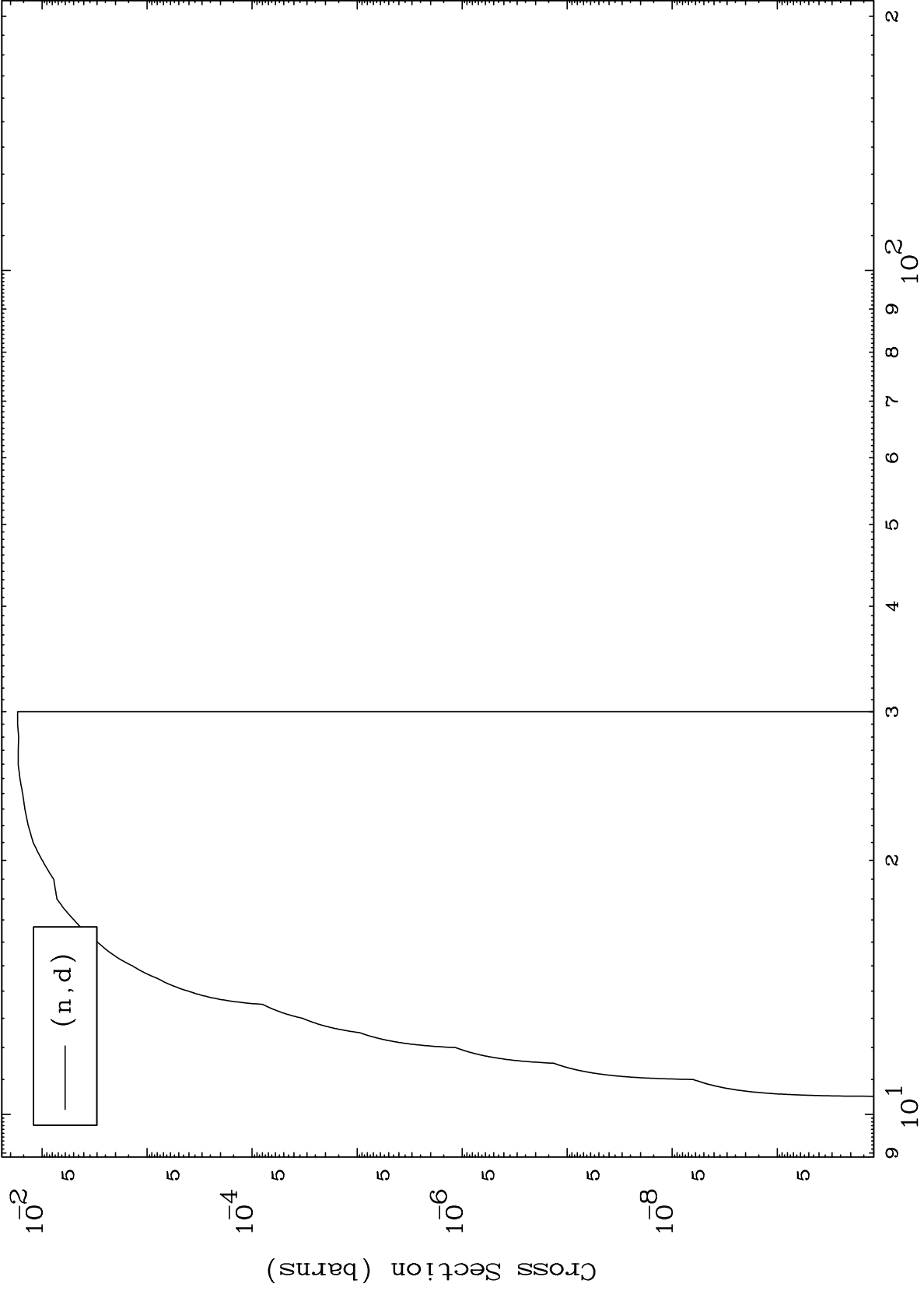
28-Ni-63

10

MAT 2840

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-63



11

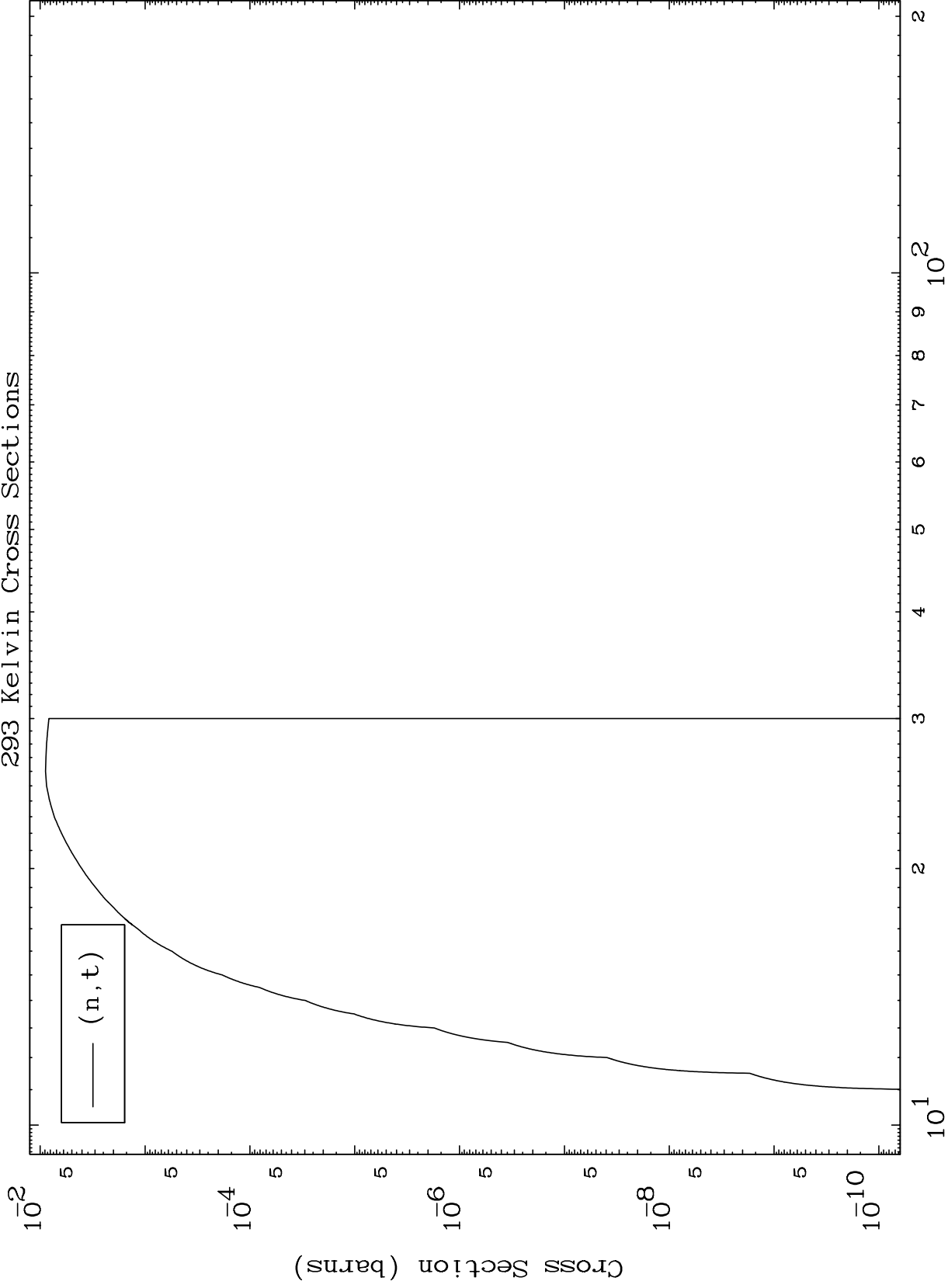
Incident Energy (MeV)

28-Ni-63

MAT 2840

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-63



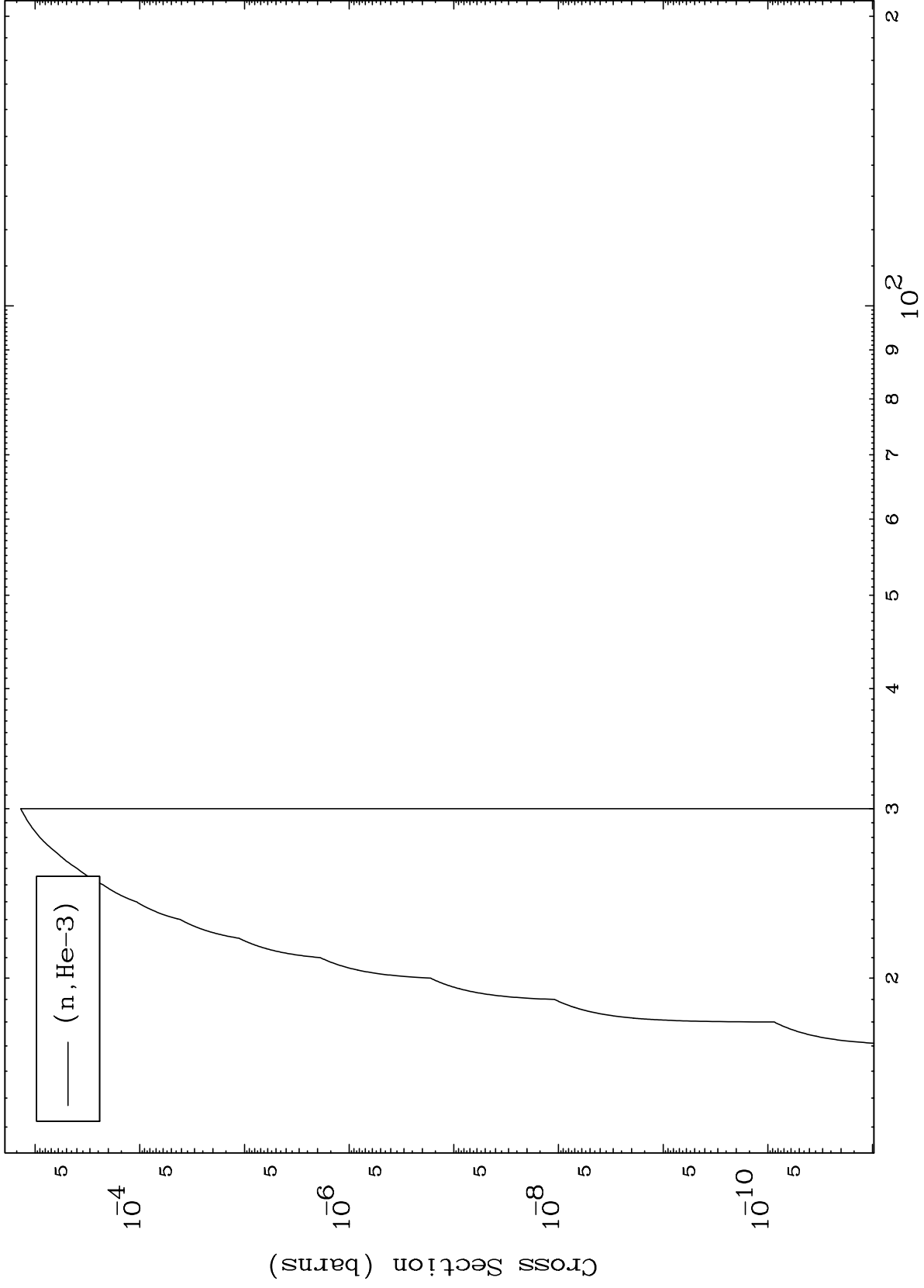
Incident Energy (MeV)

28-Ni-63

MAT 2840

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-63



13

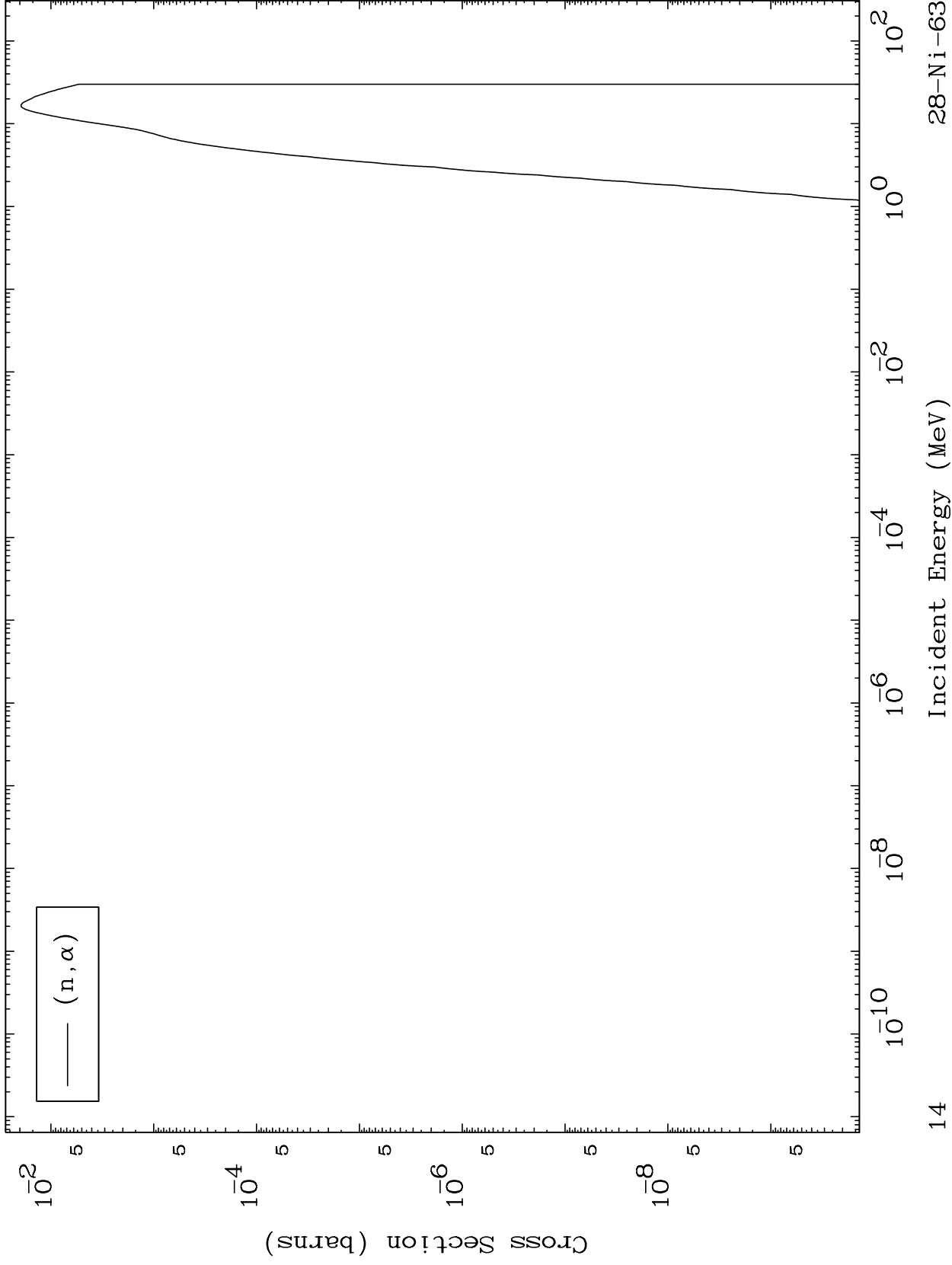
Incident Energy (MeV)

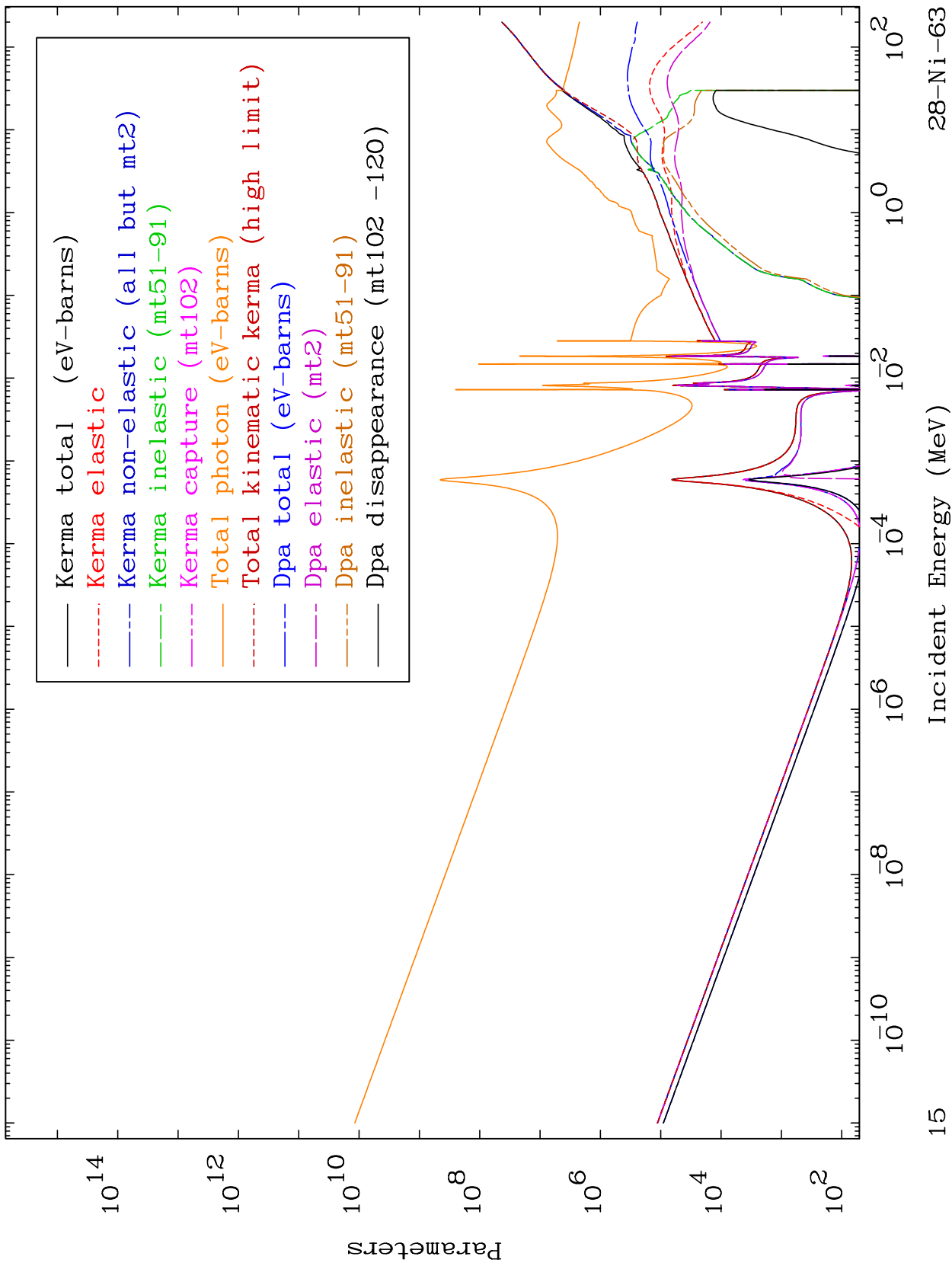
28-Ni-63

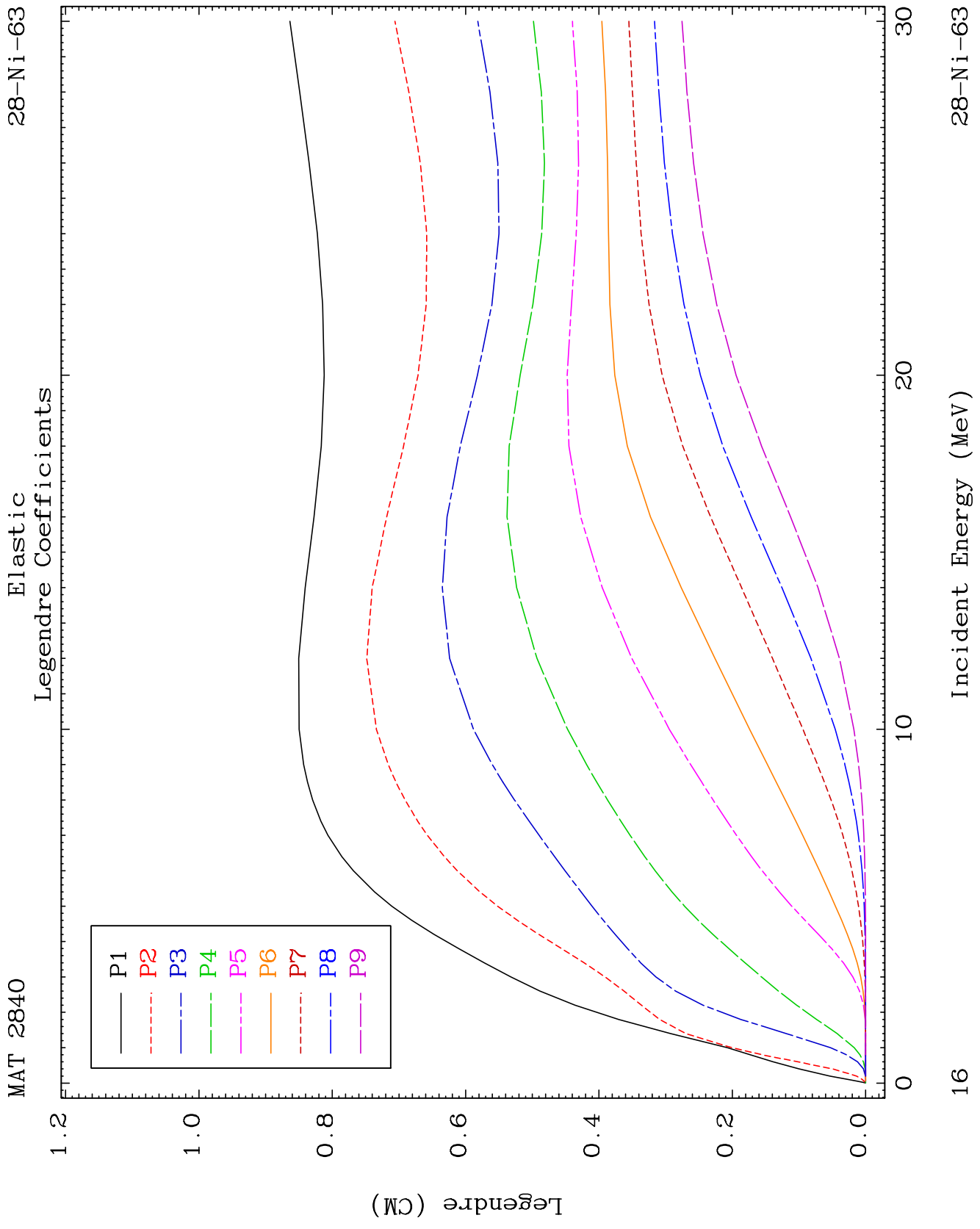
MAT 2840

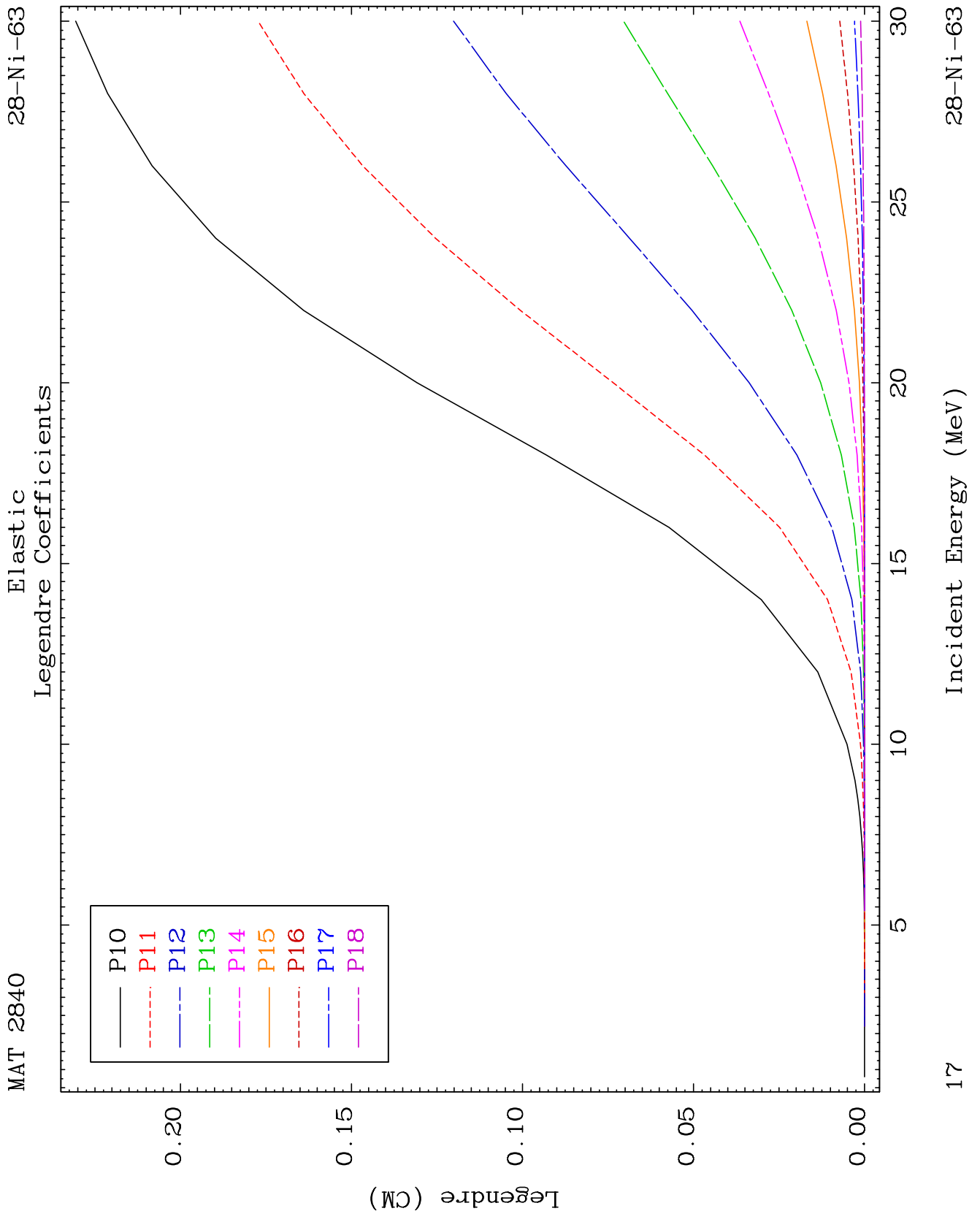
(n, α) Levels
293 Kelvin Cross Sections

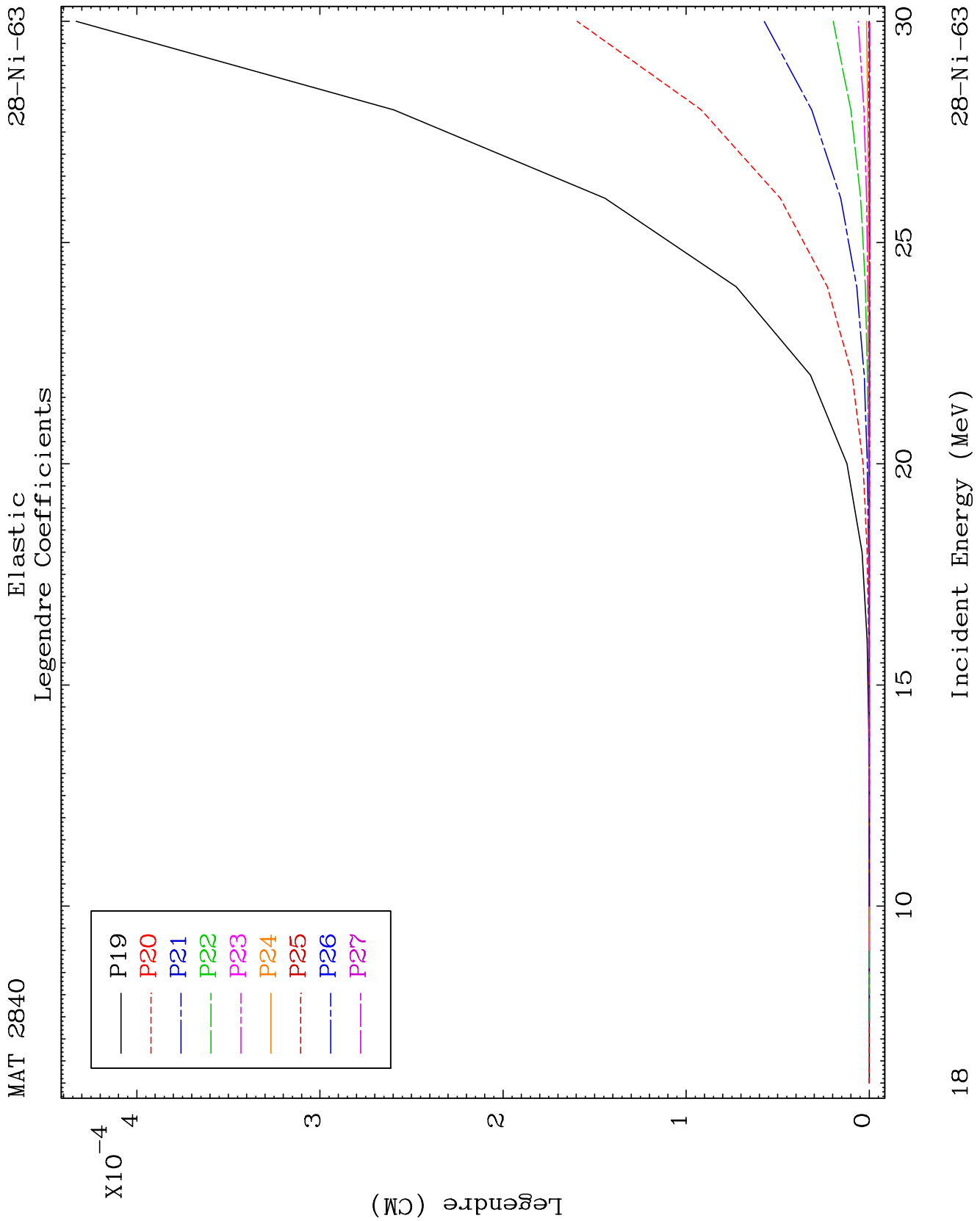
28-Ni-63

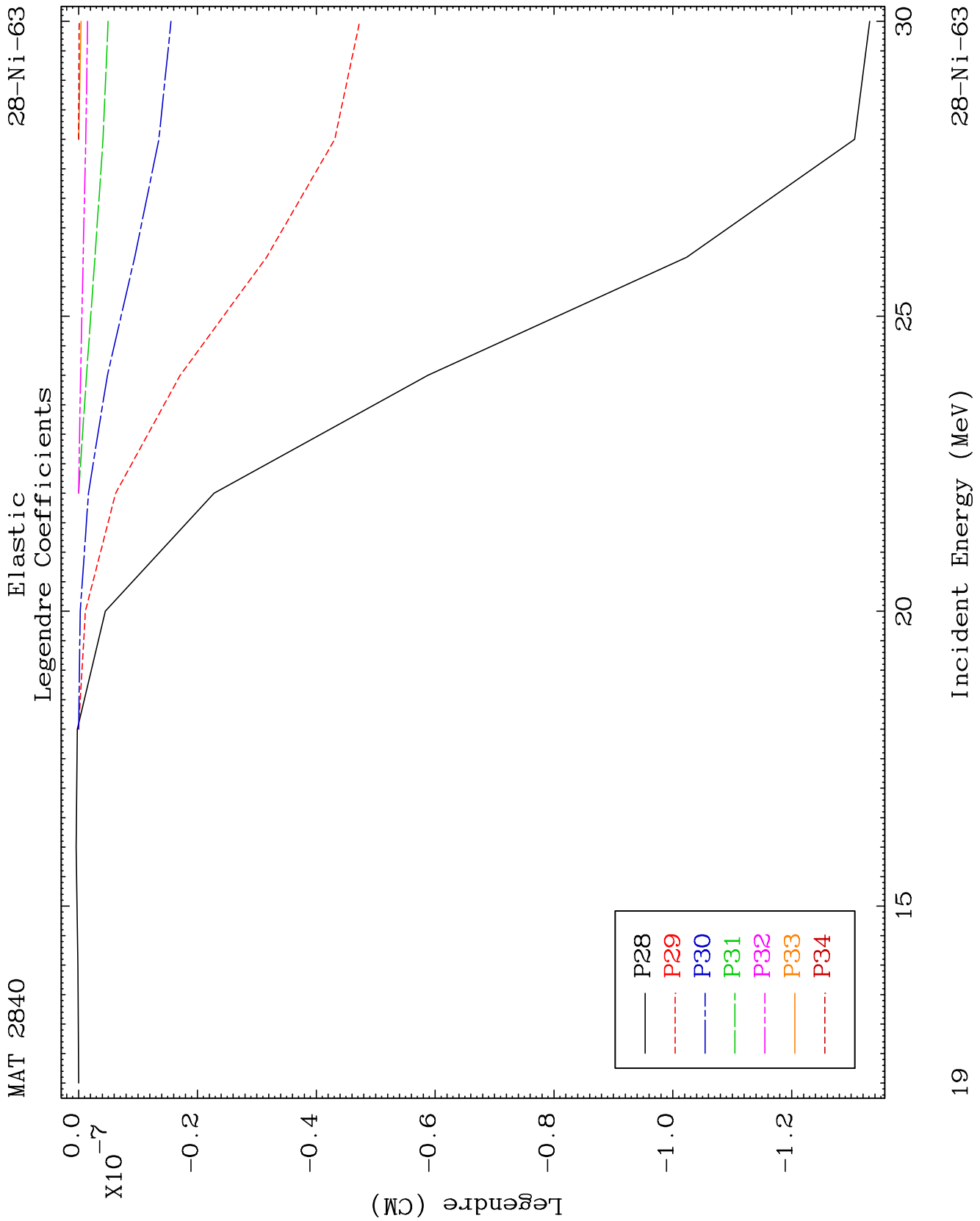


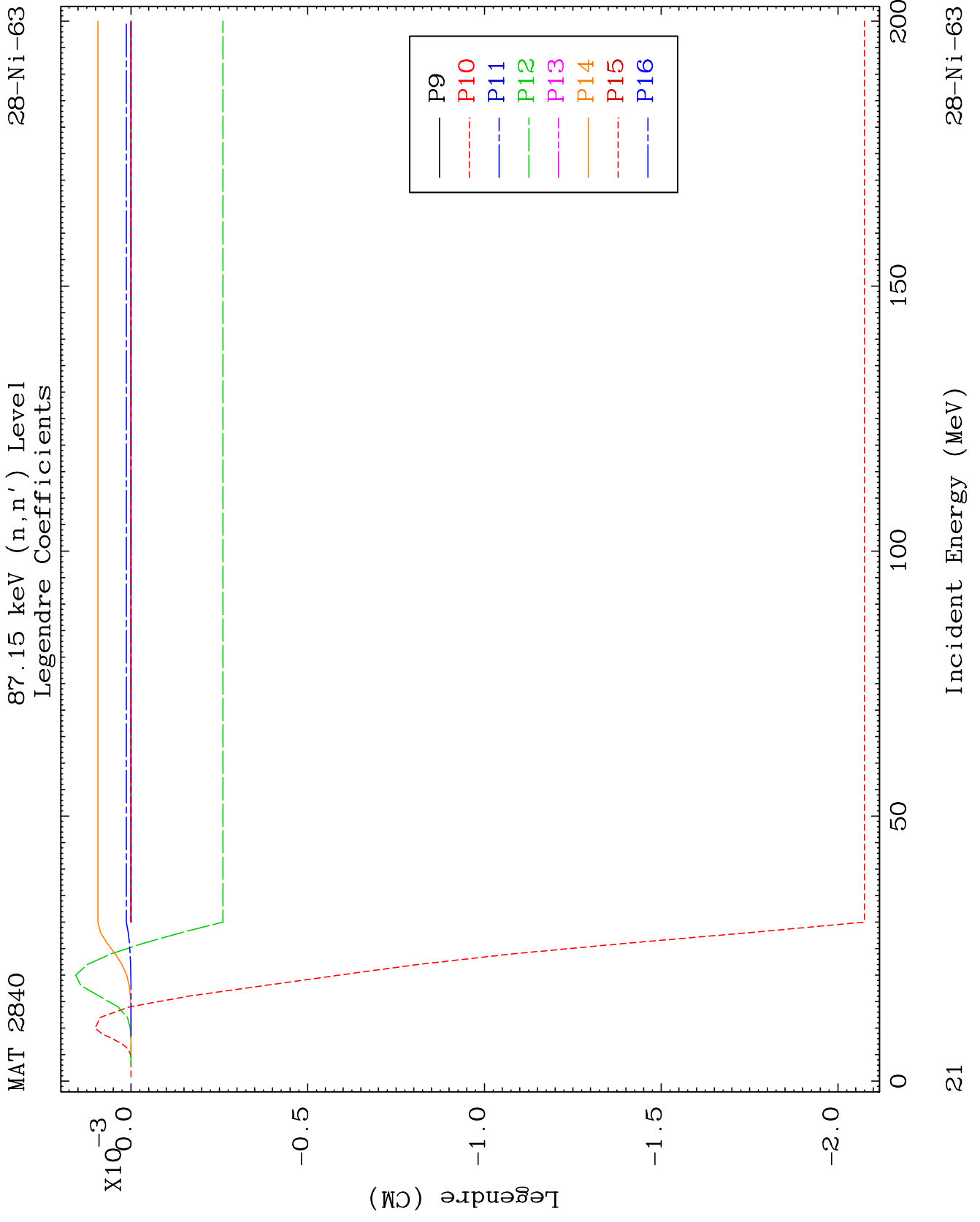


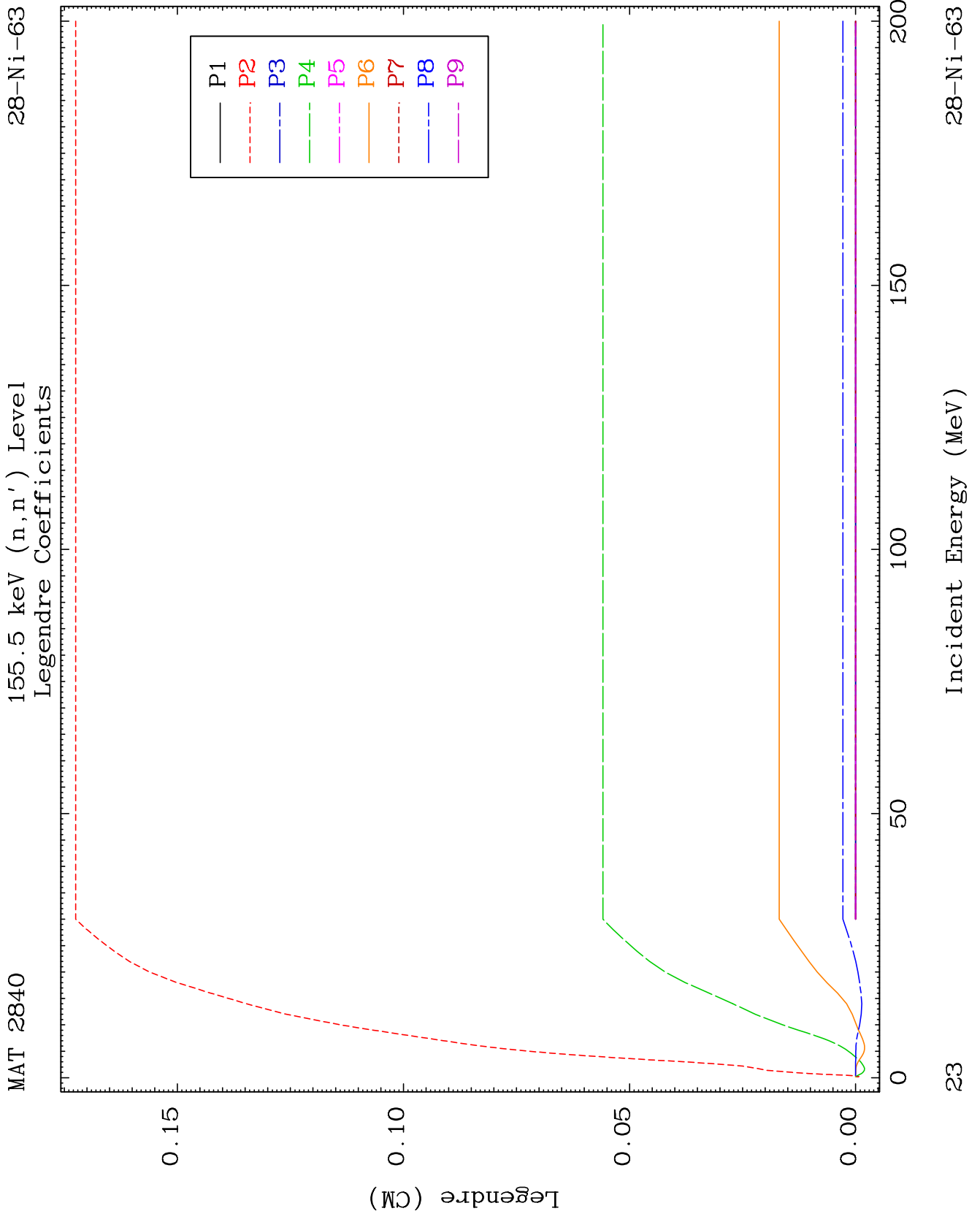


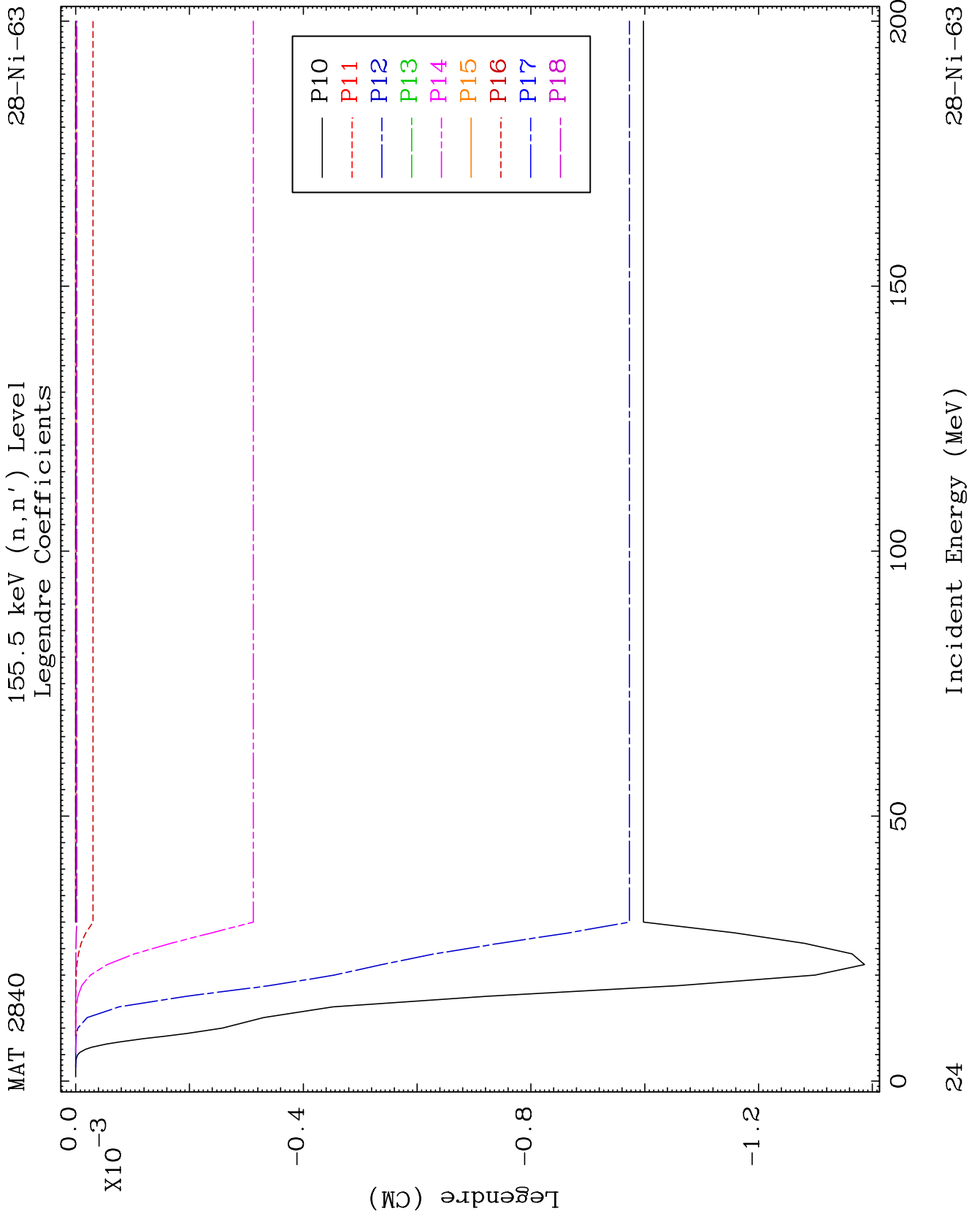


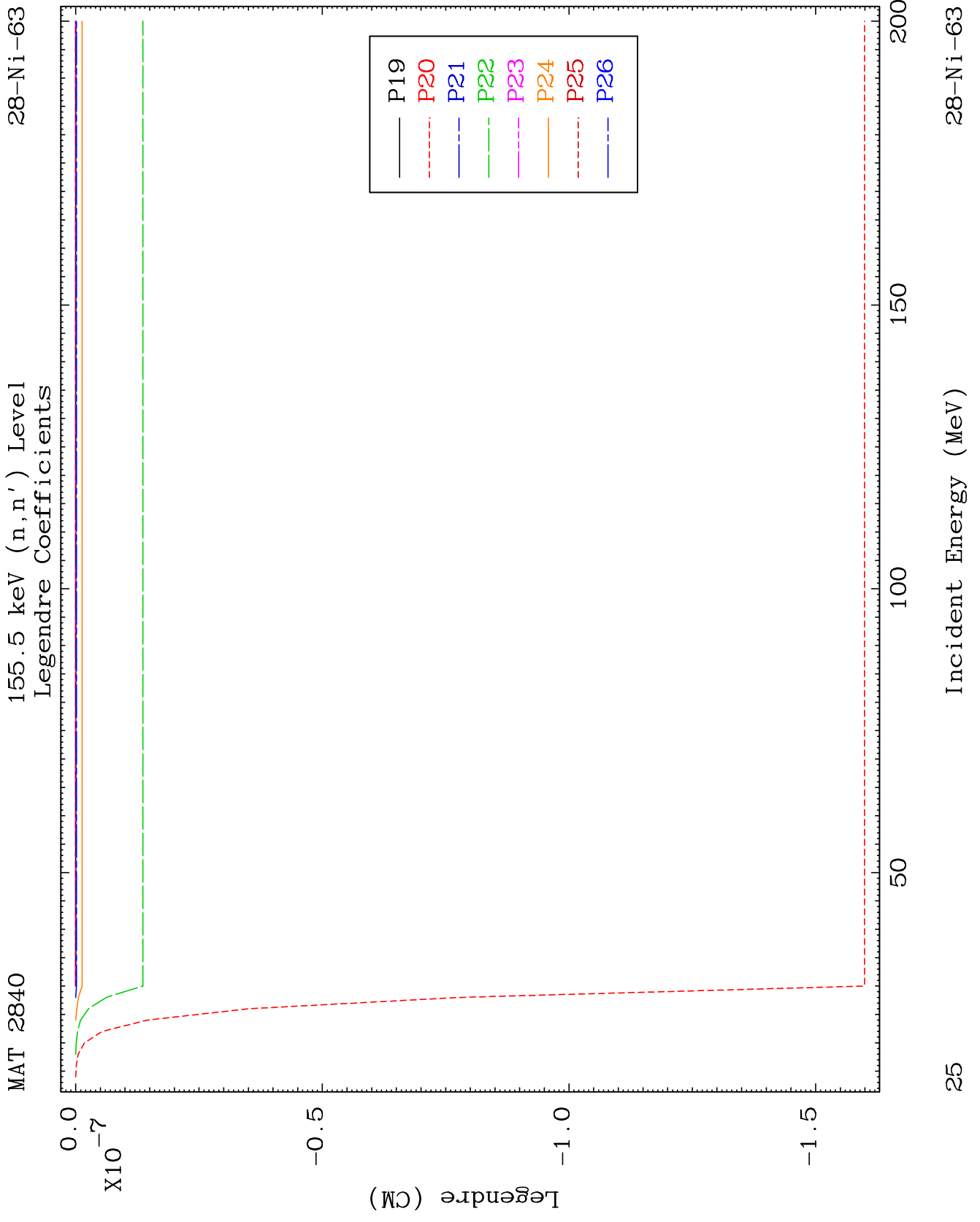


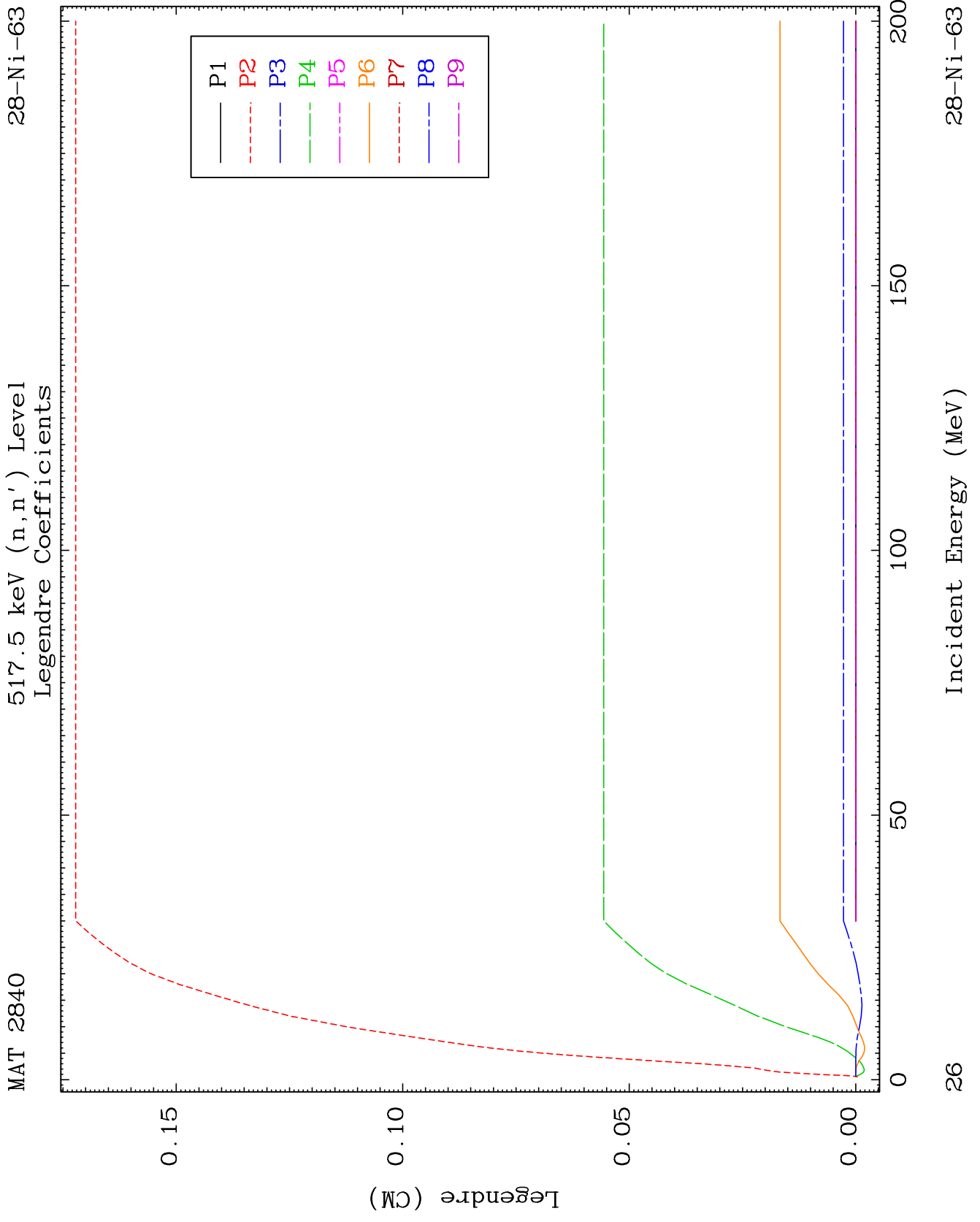


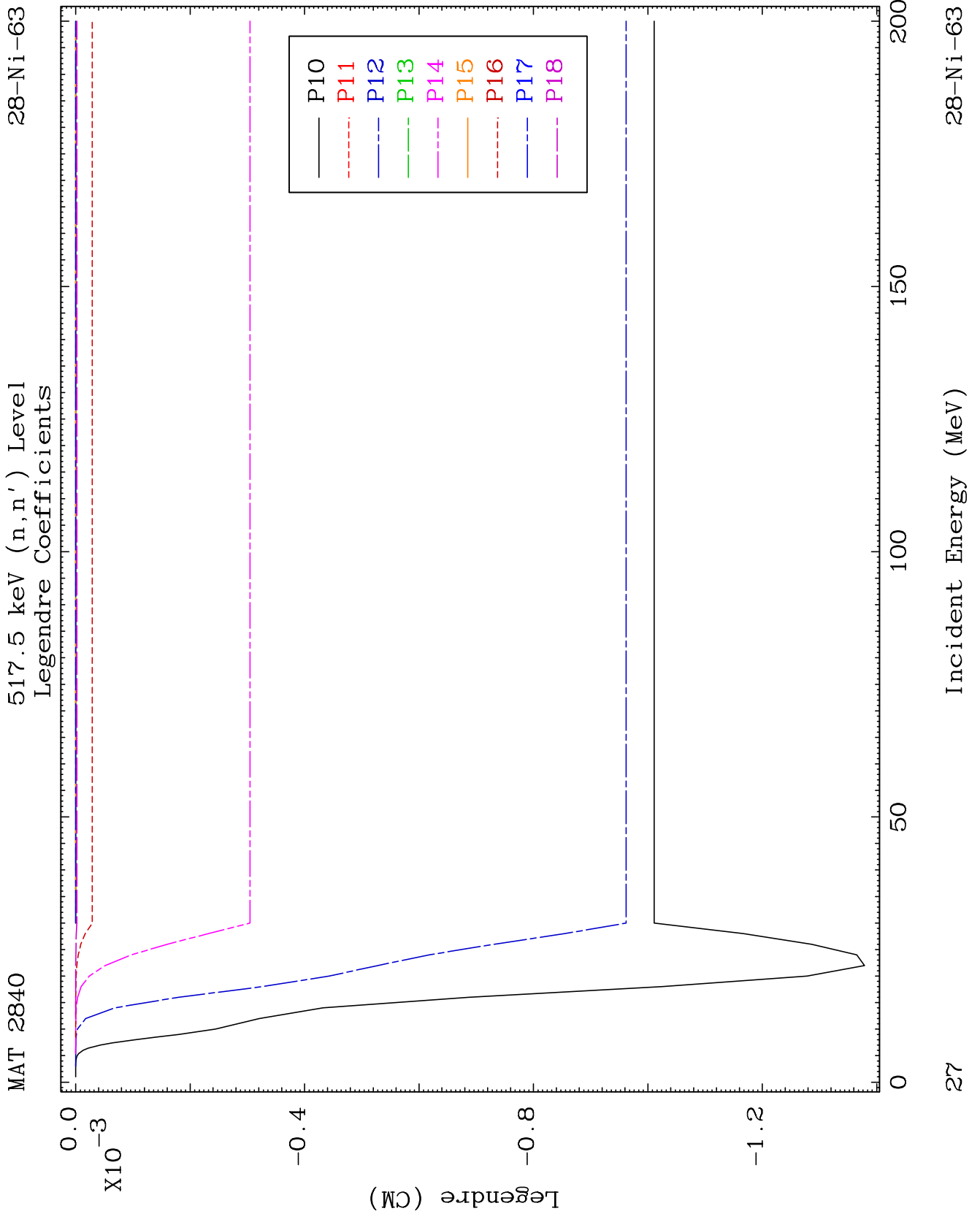


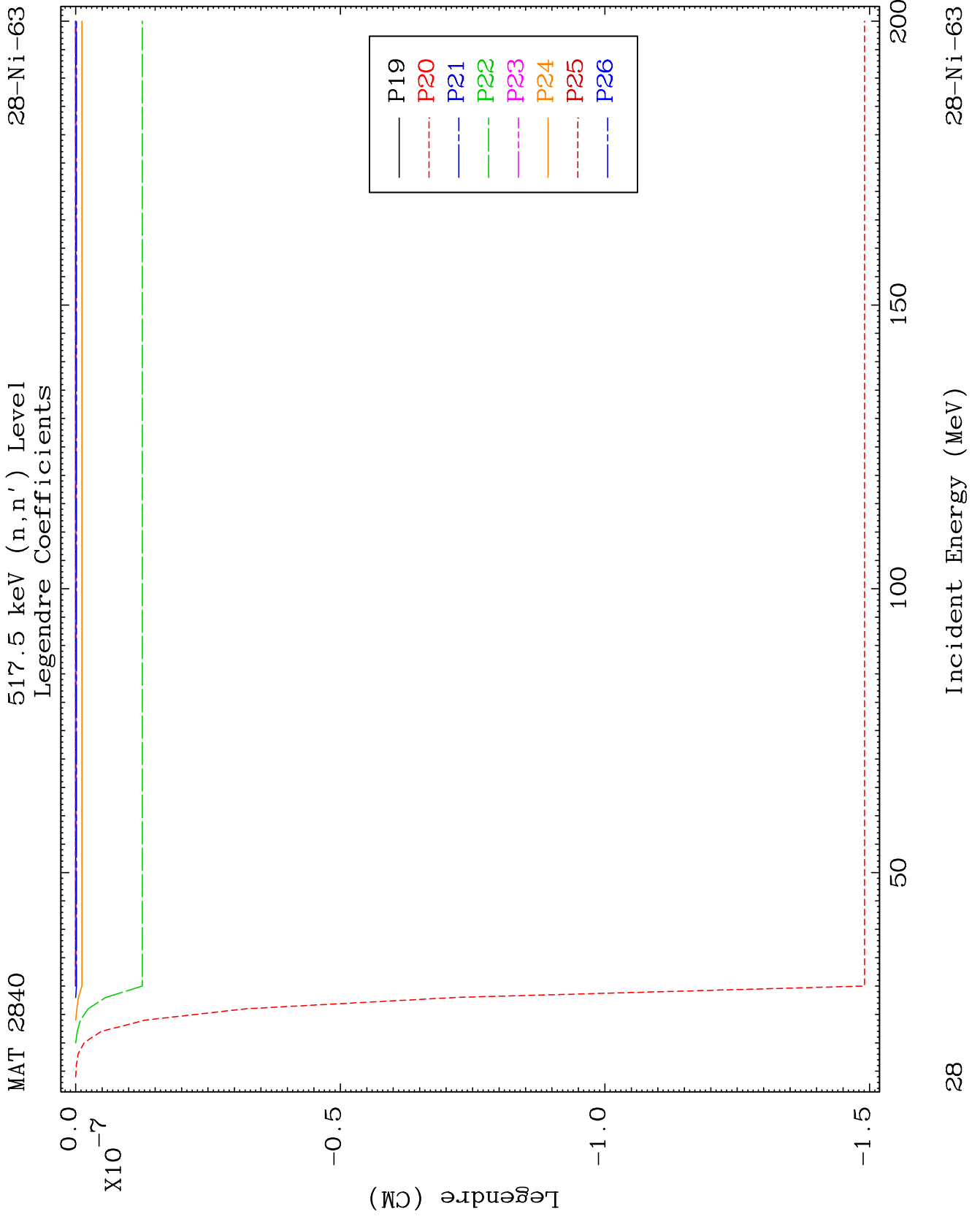


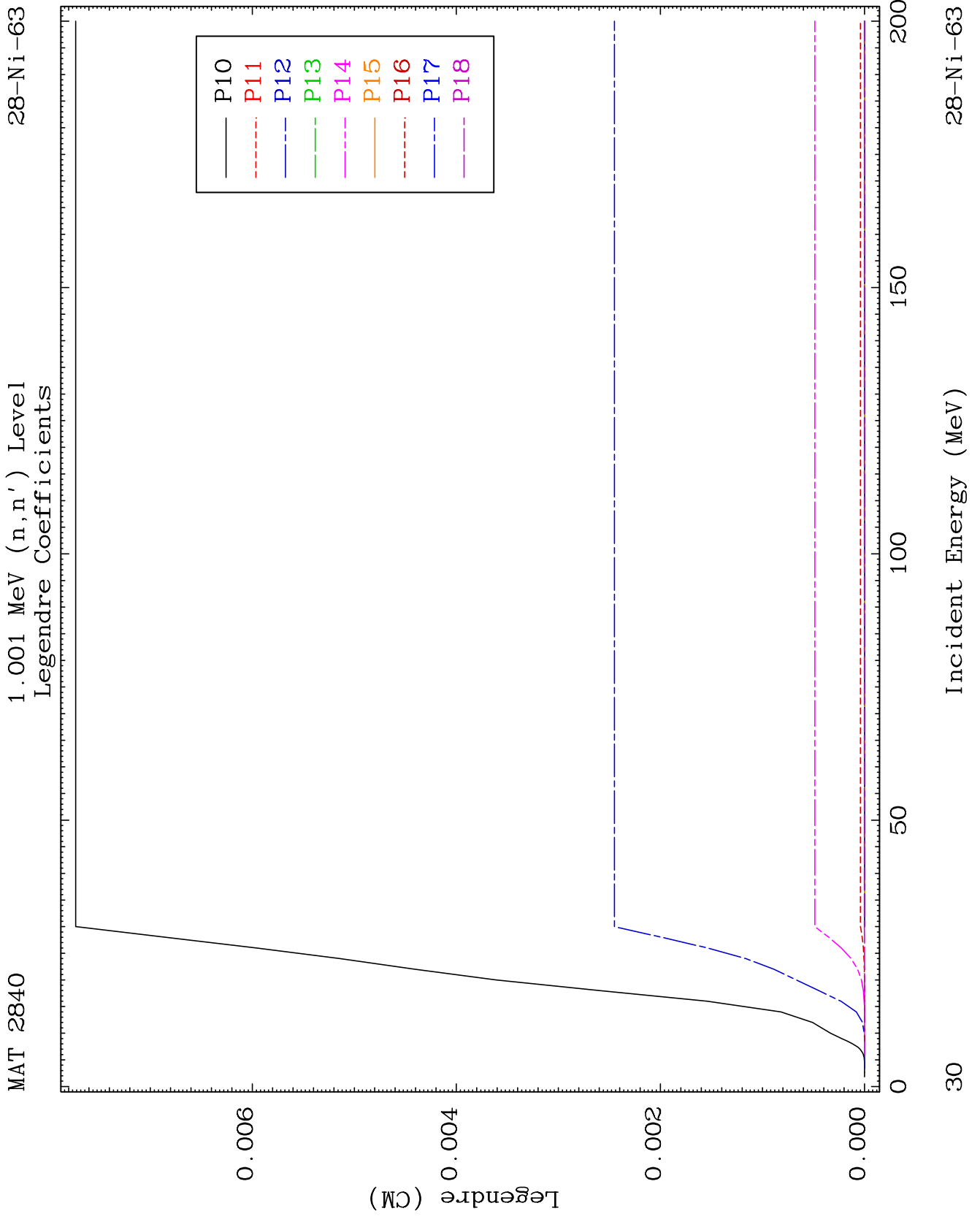


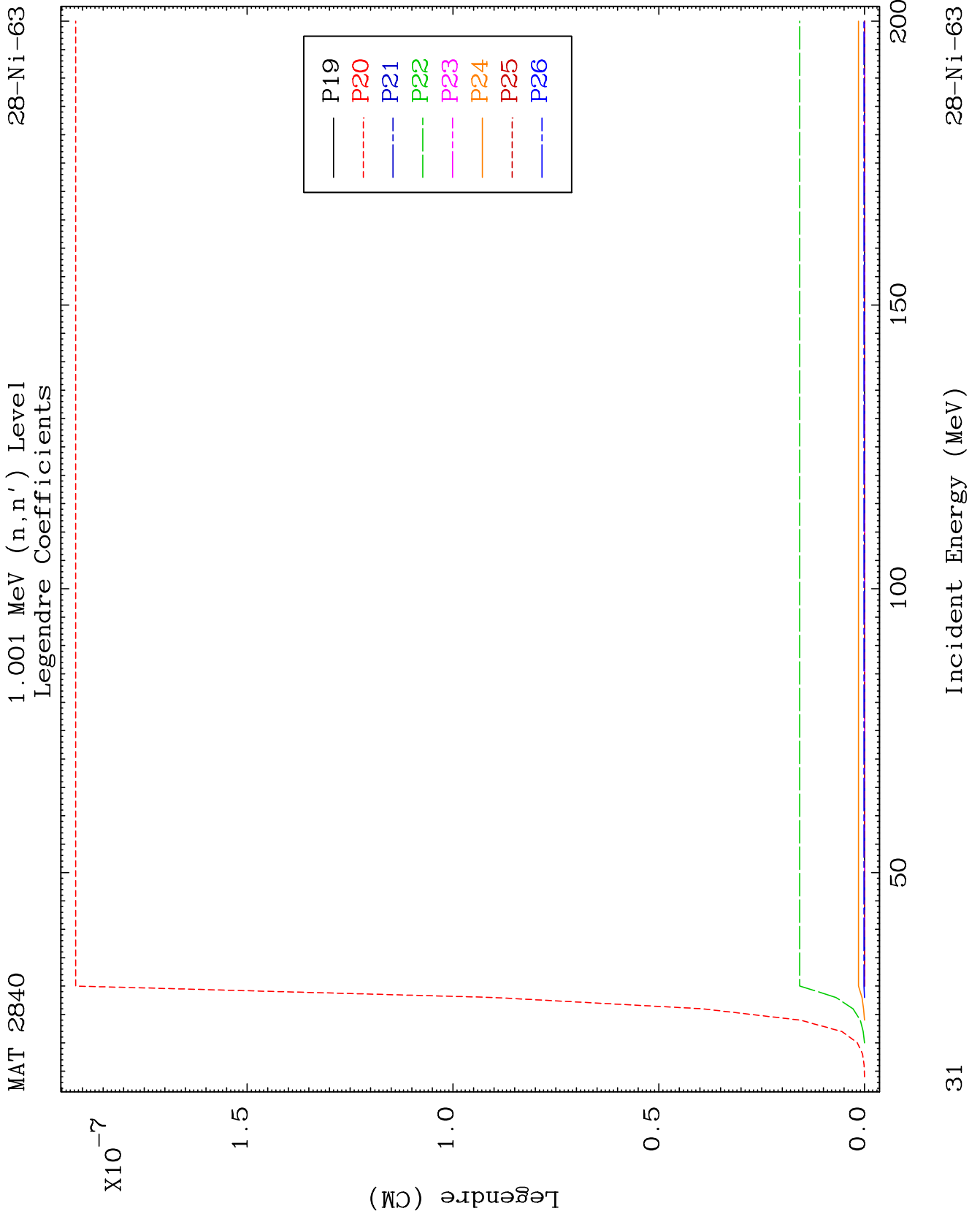


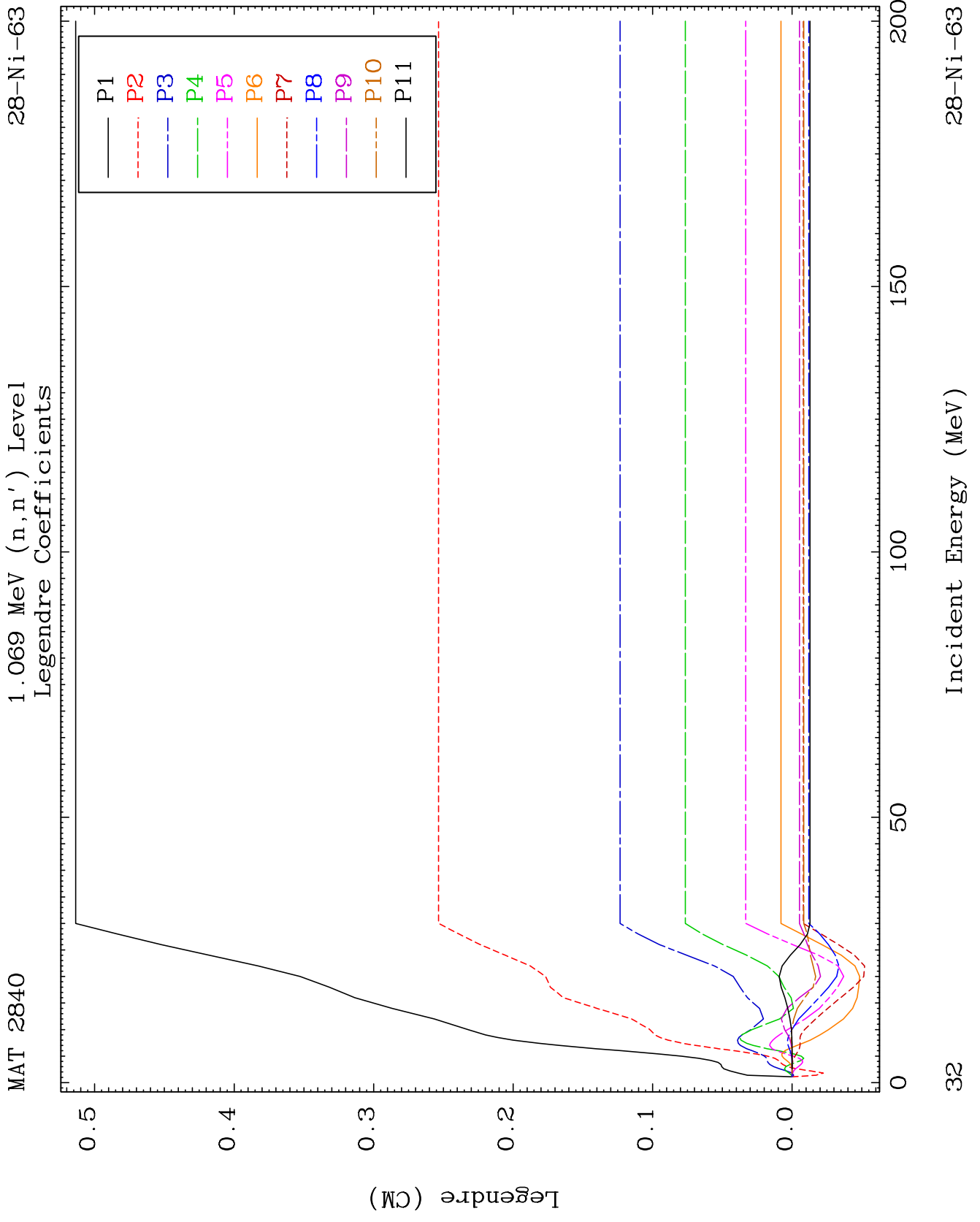


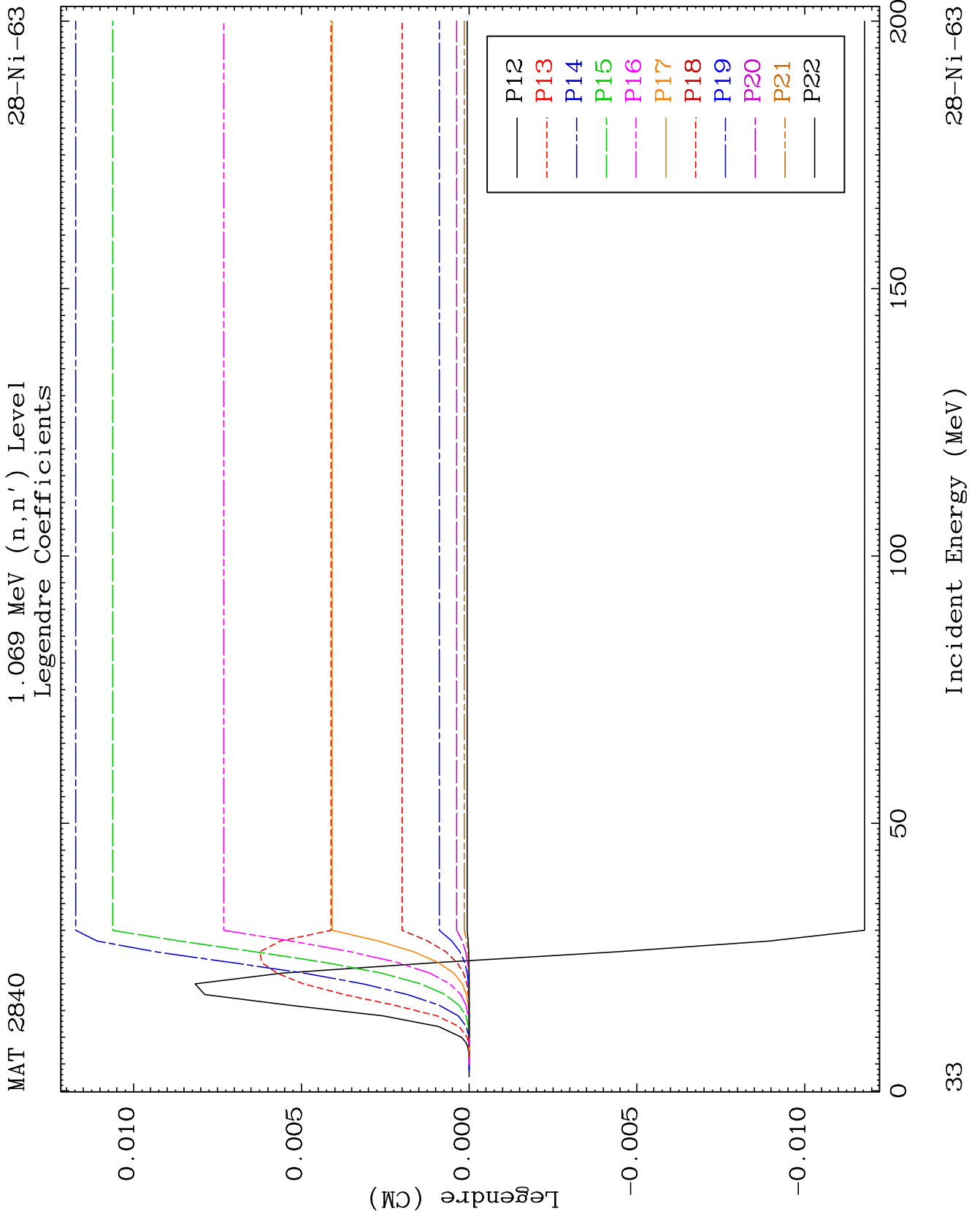


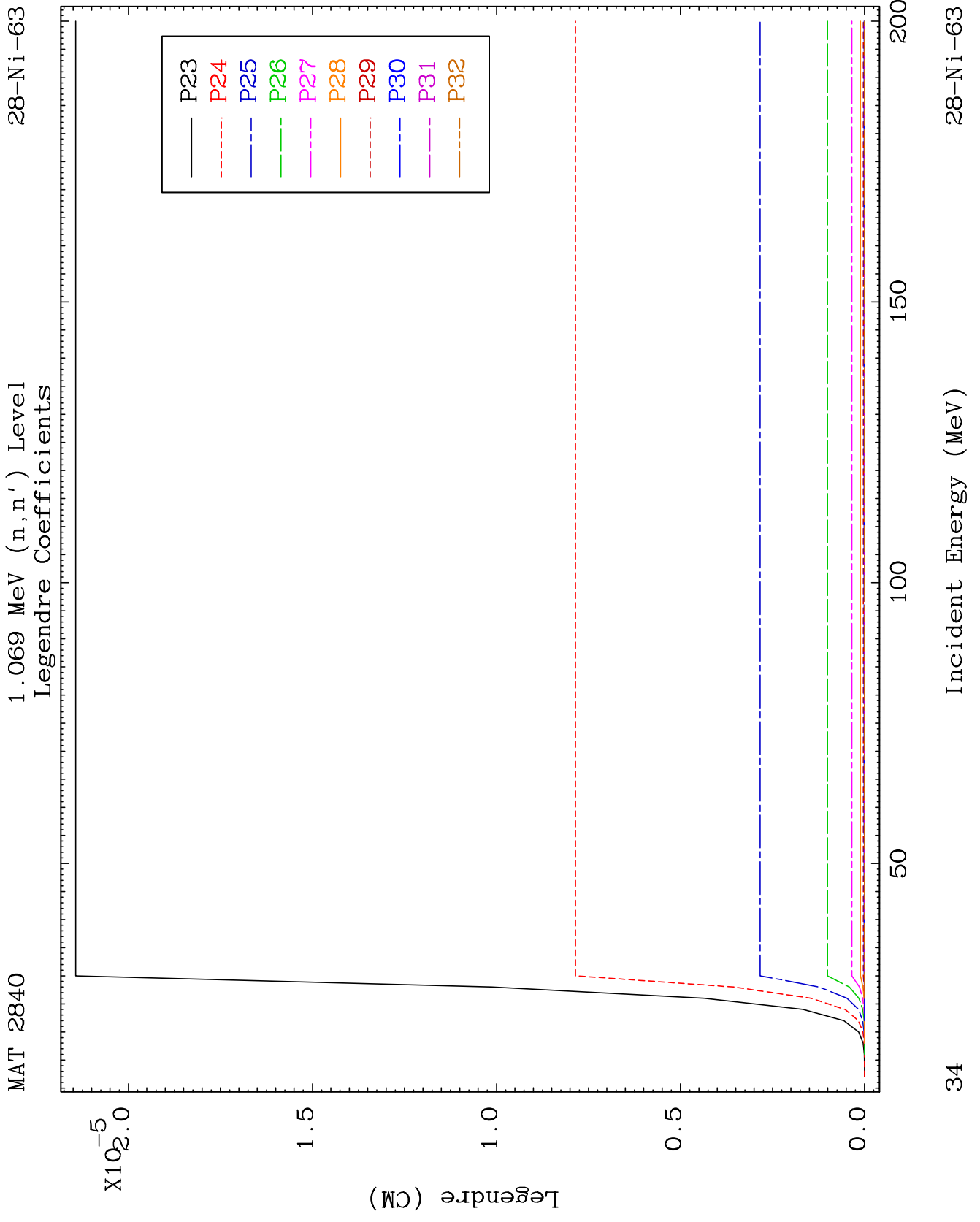


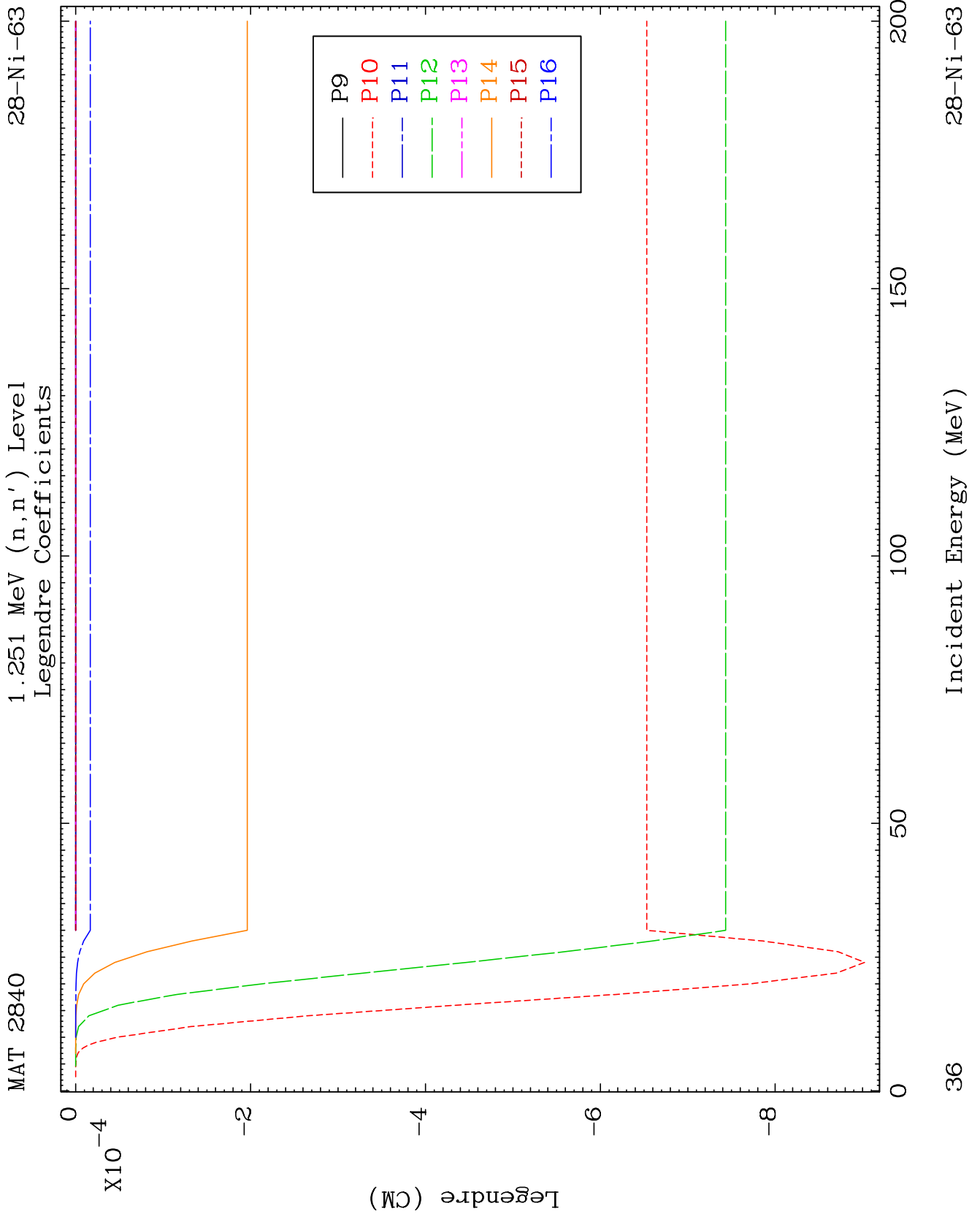


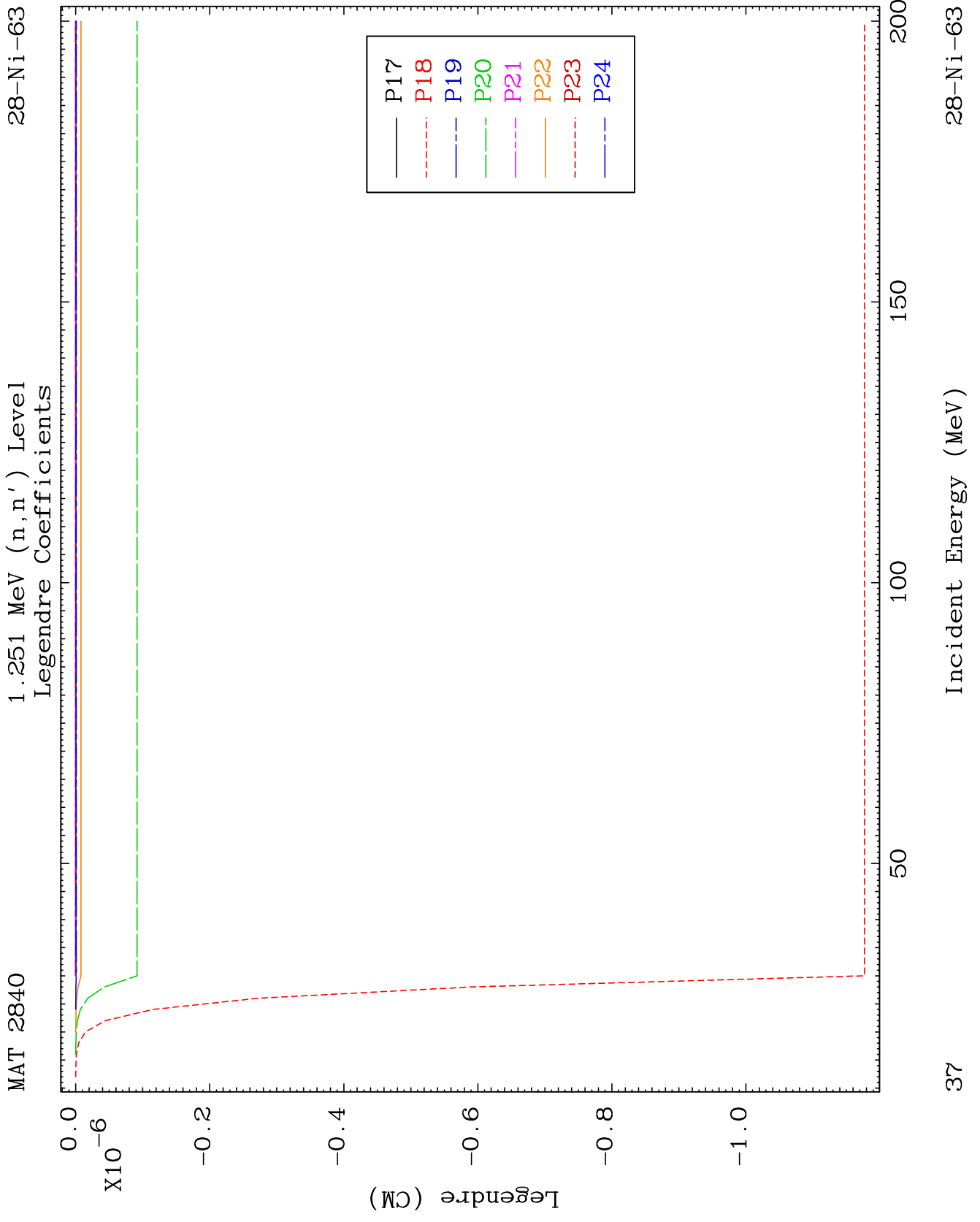


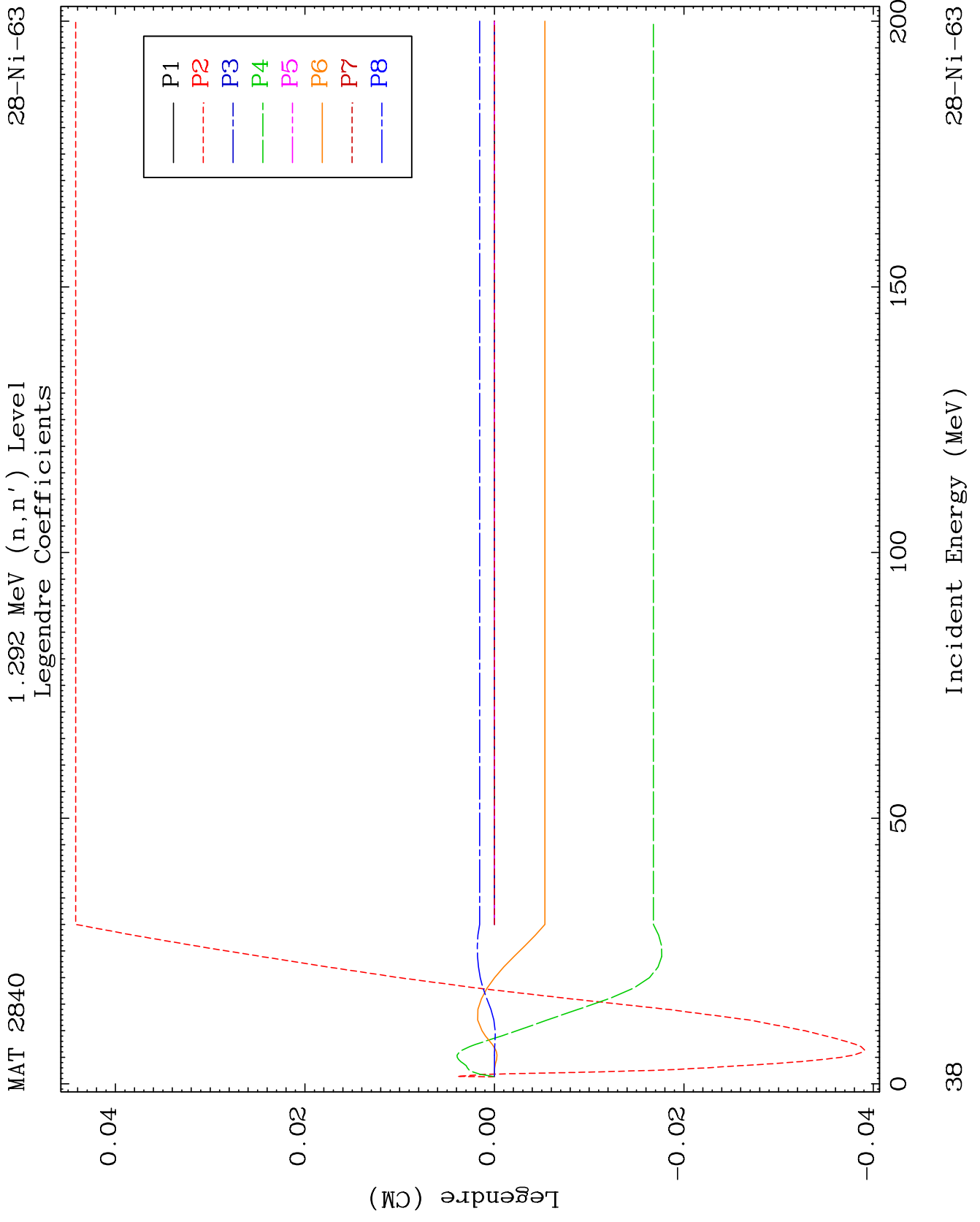


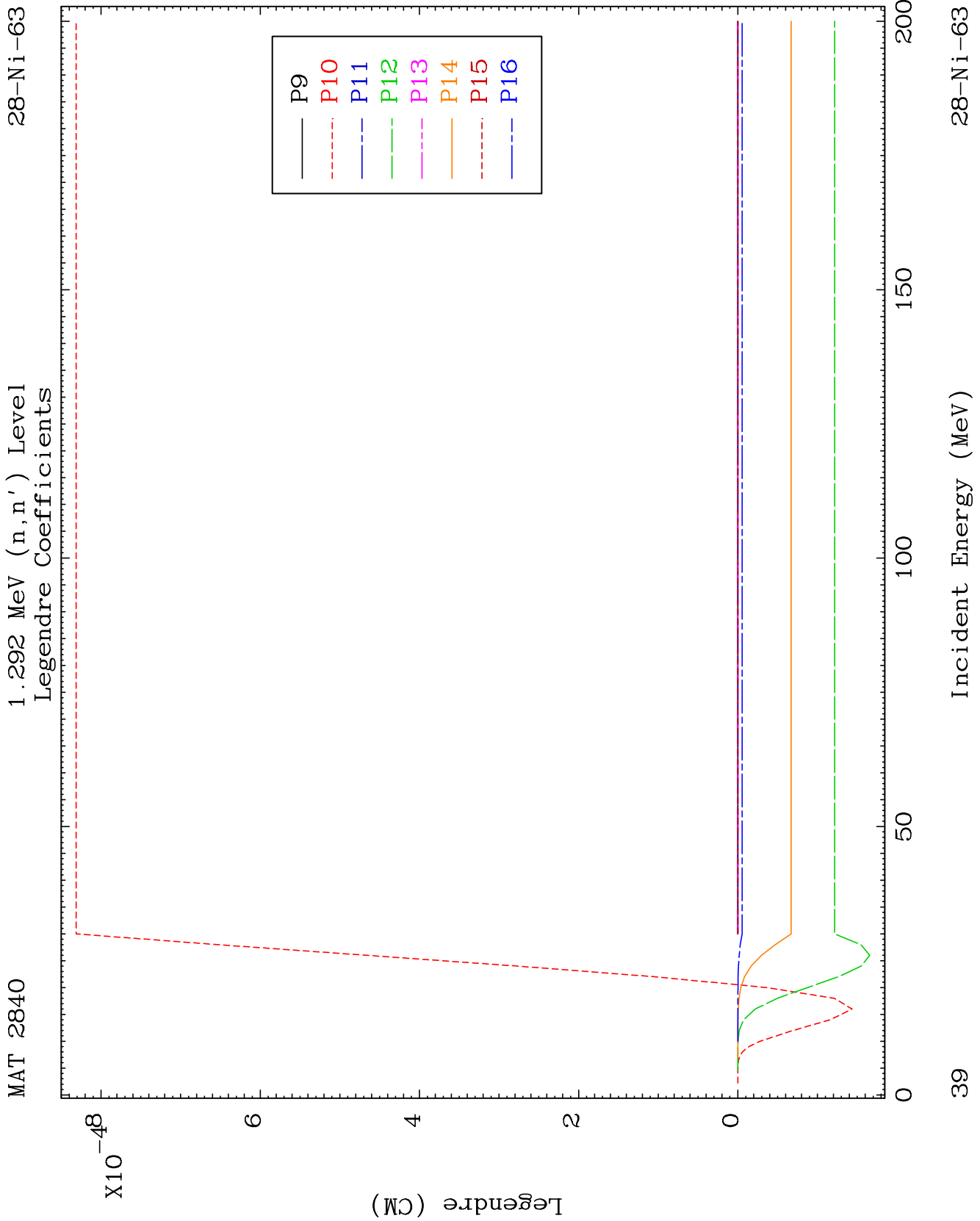


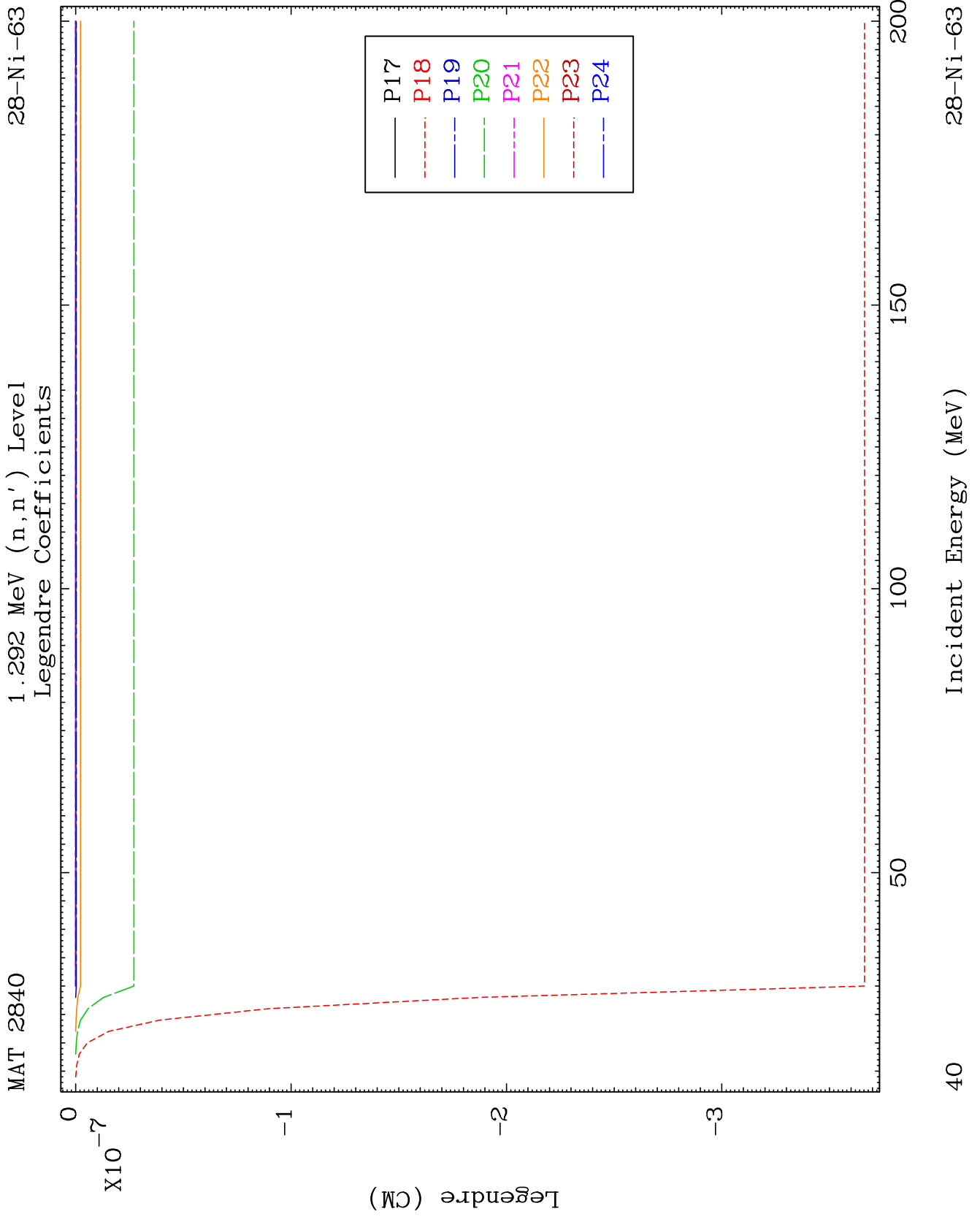


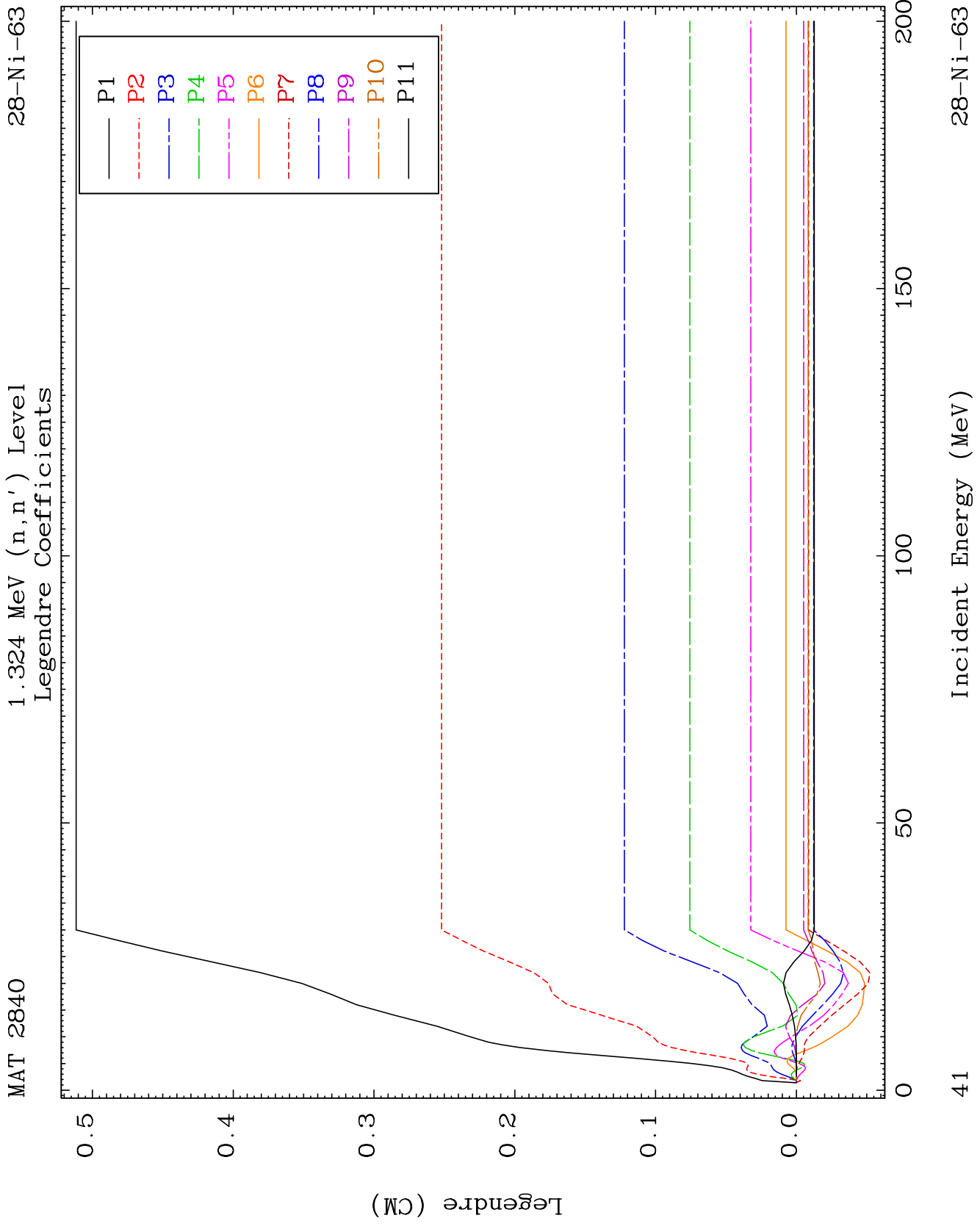








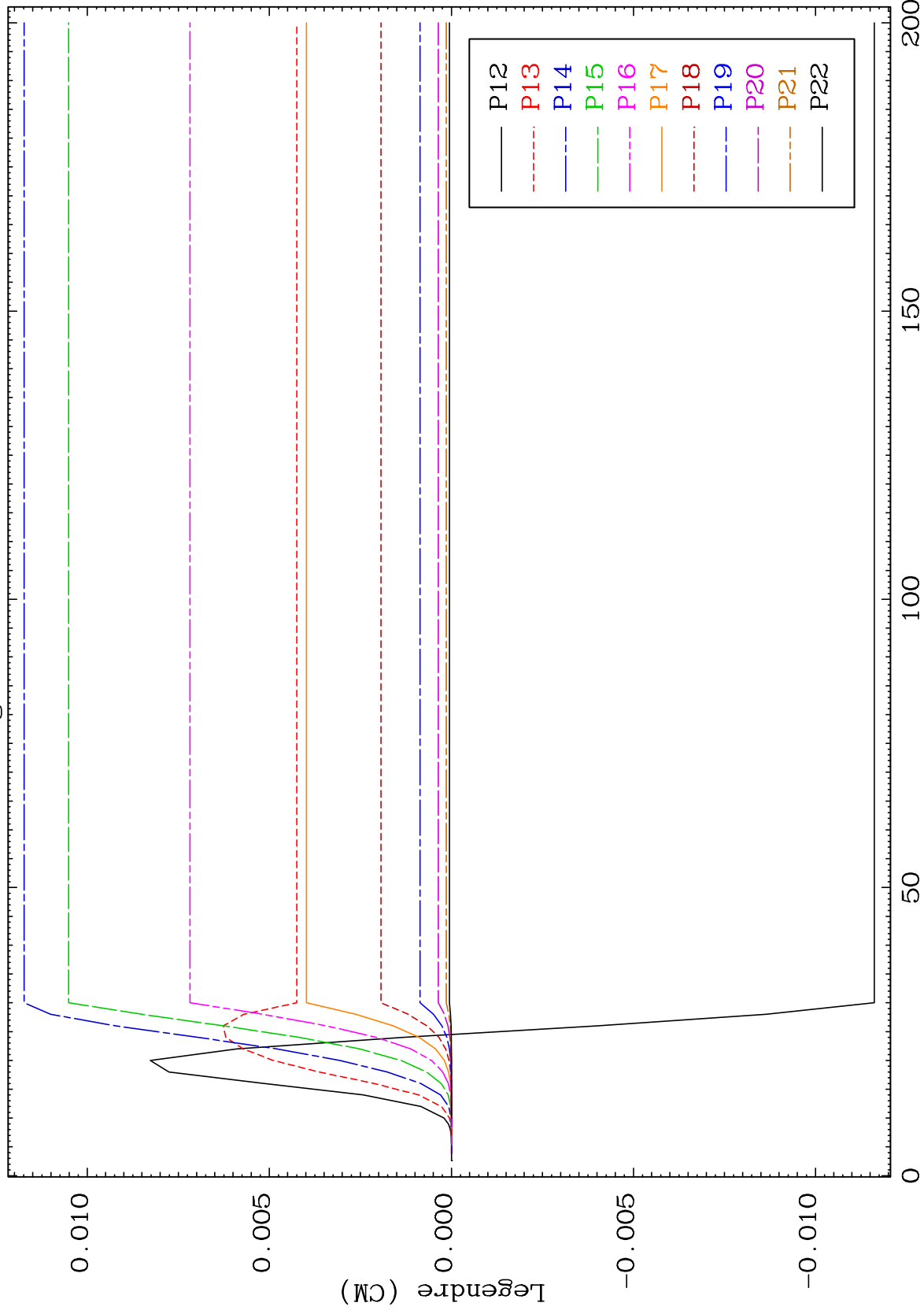




MAT 2840

1.324 MeV (n,n') Level
Legendre Coefficients

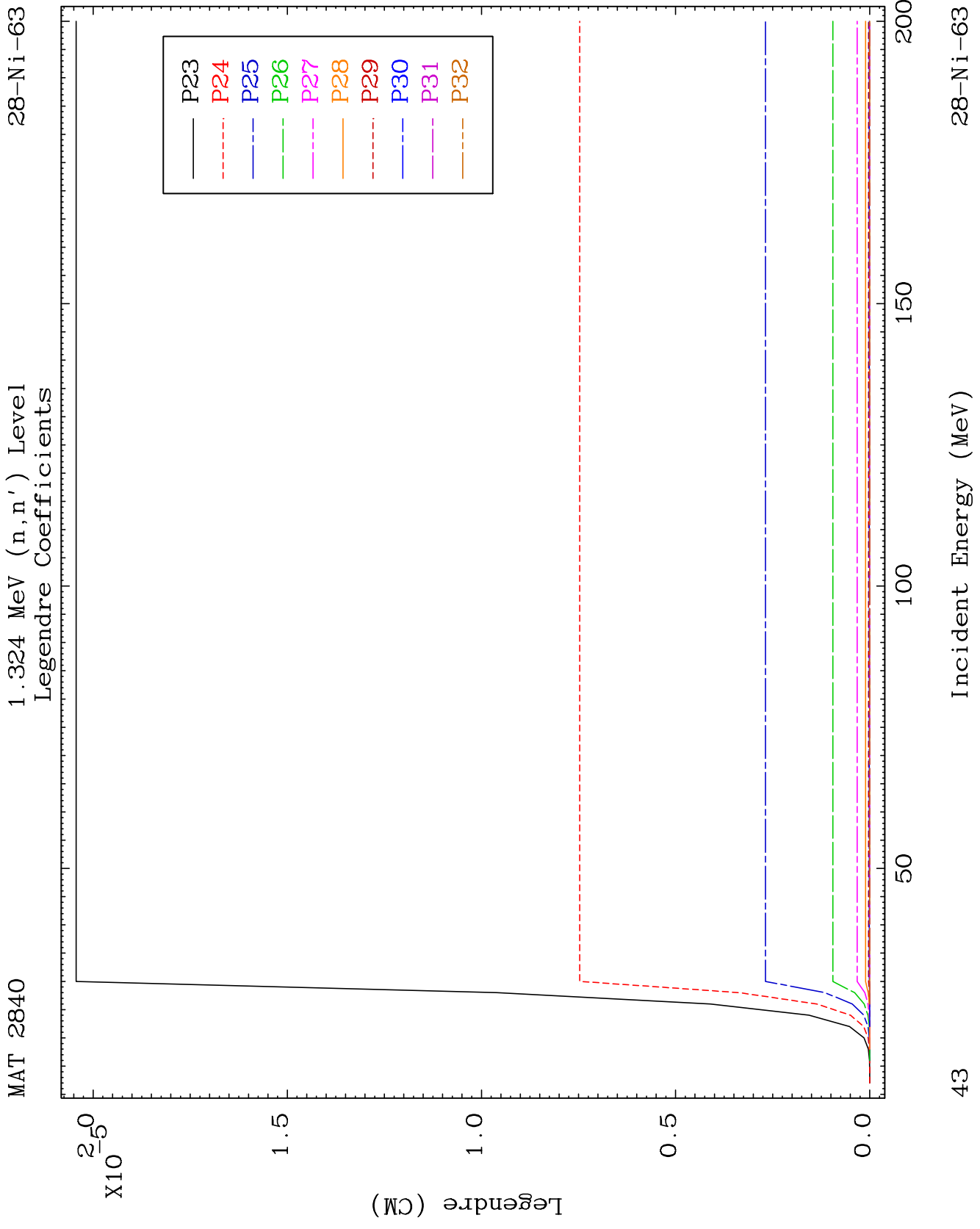
28-Ni-63

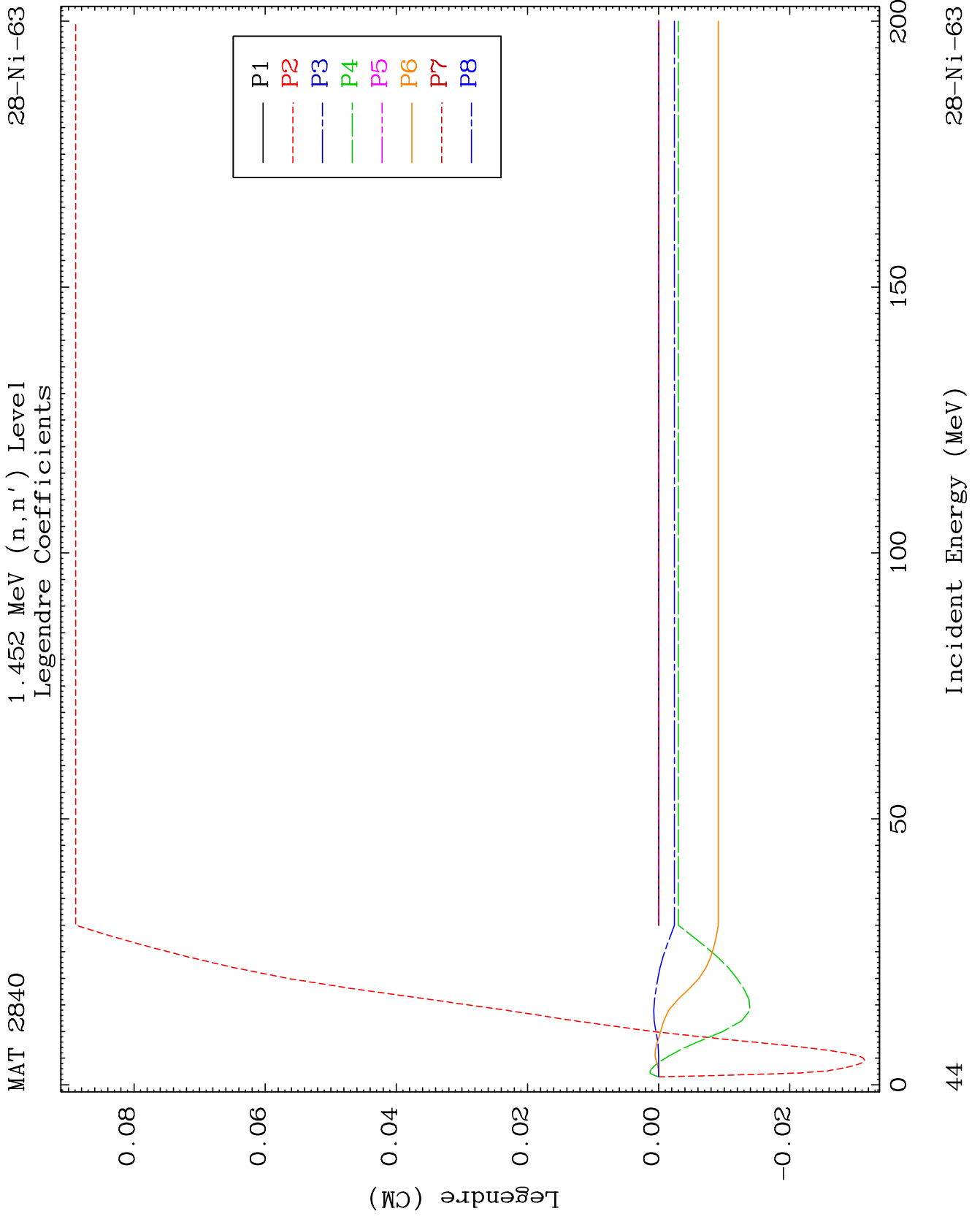


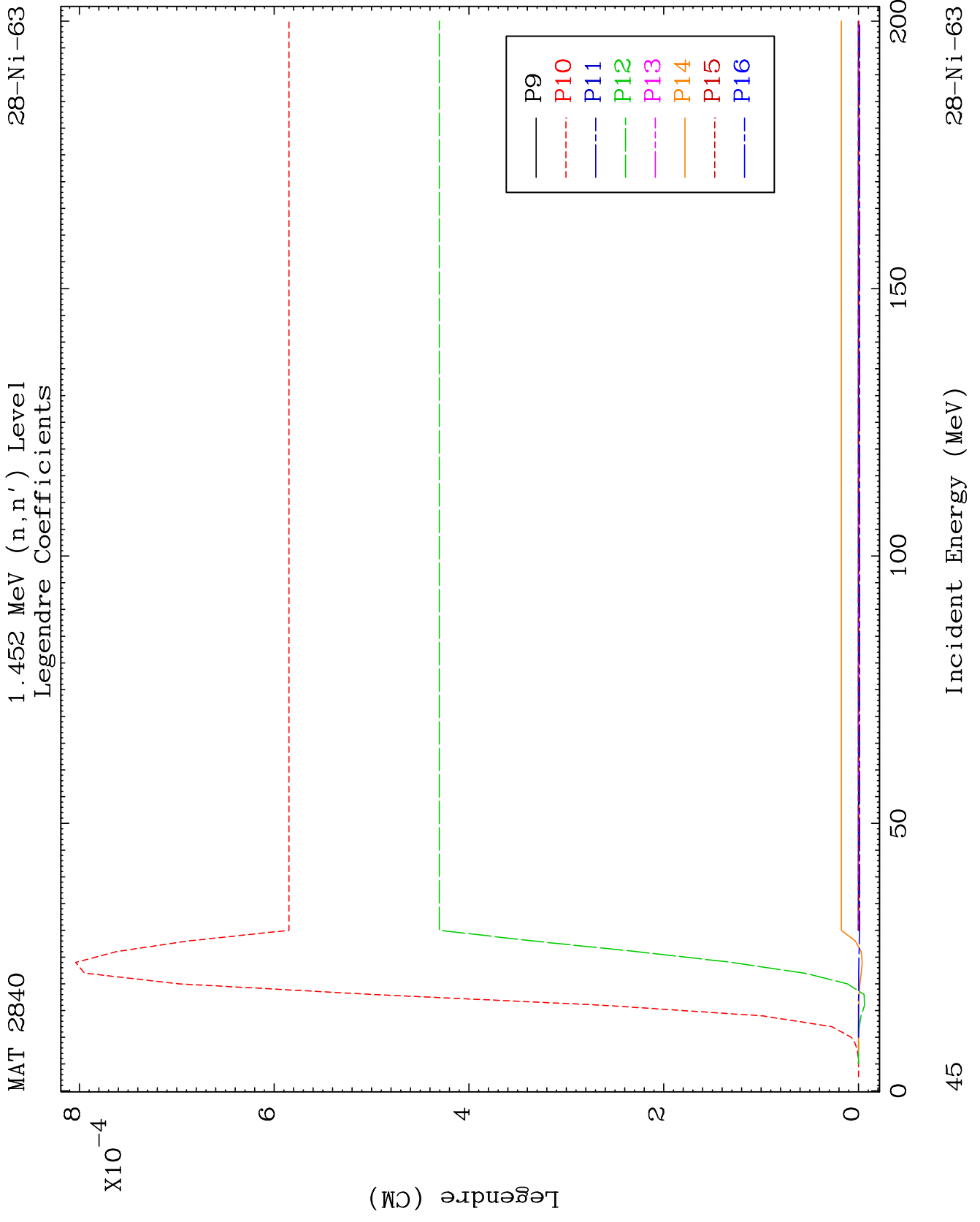
42

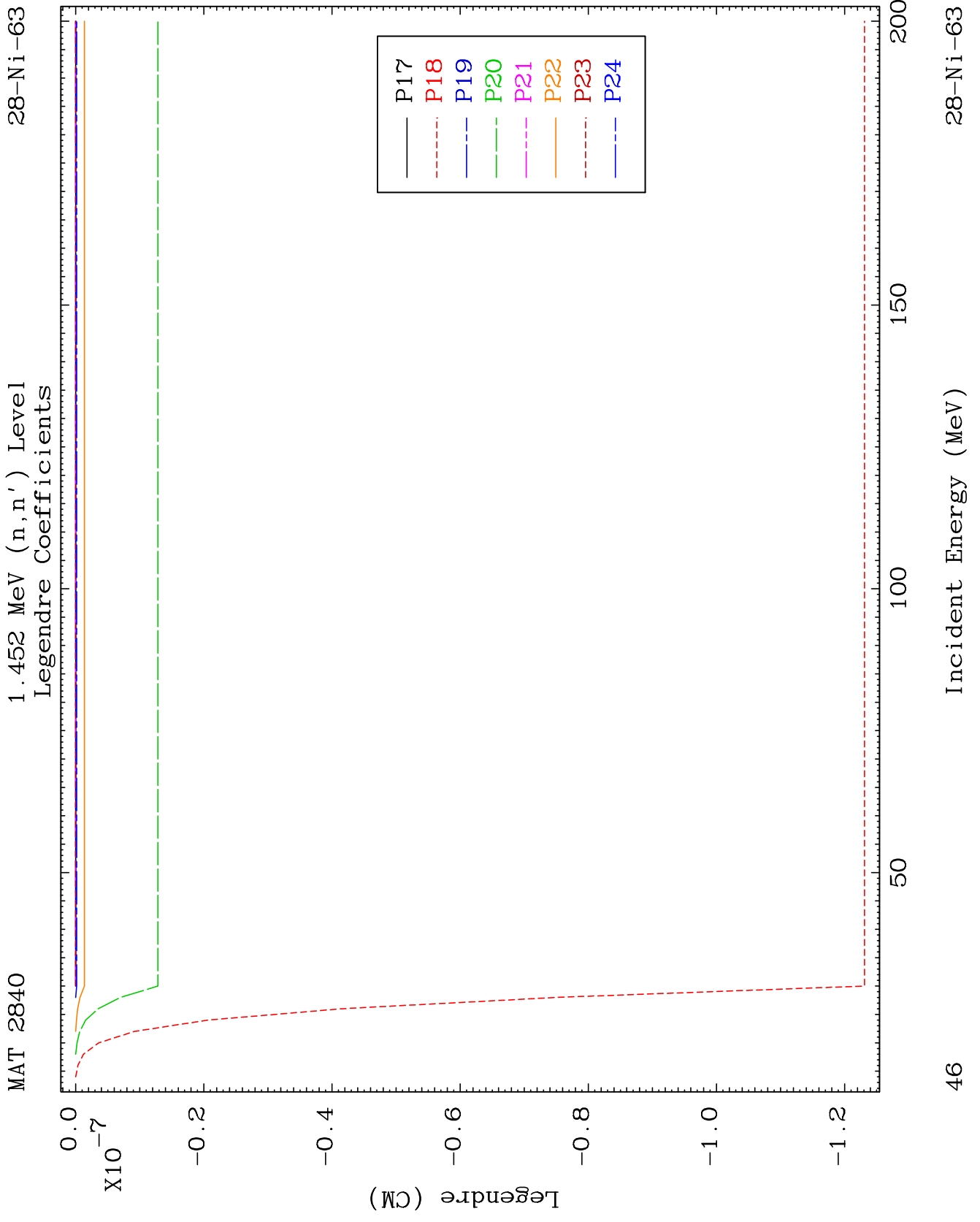
Incident Energy (MeV)

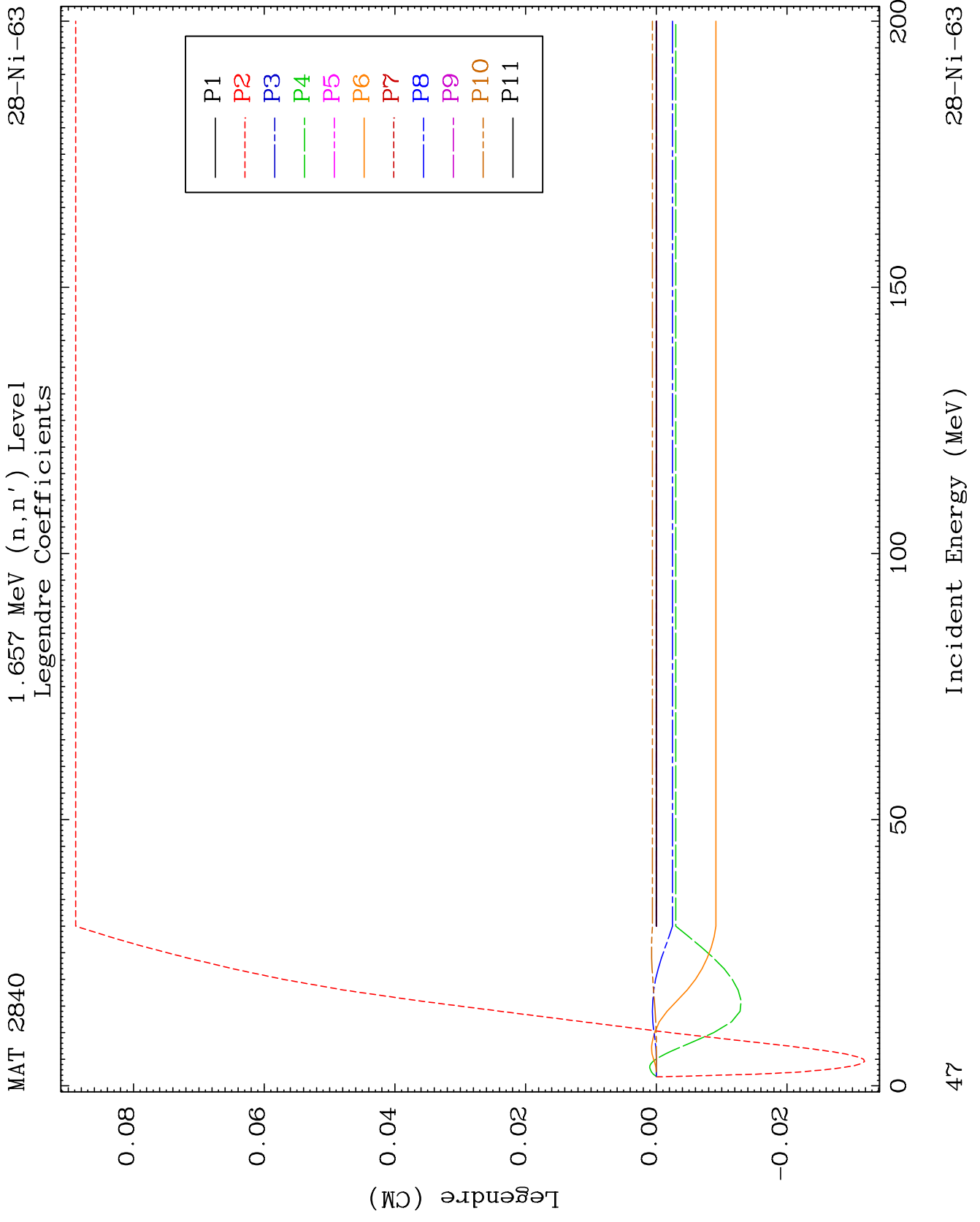
28-Ni-63







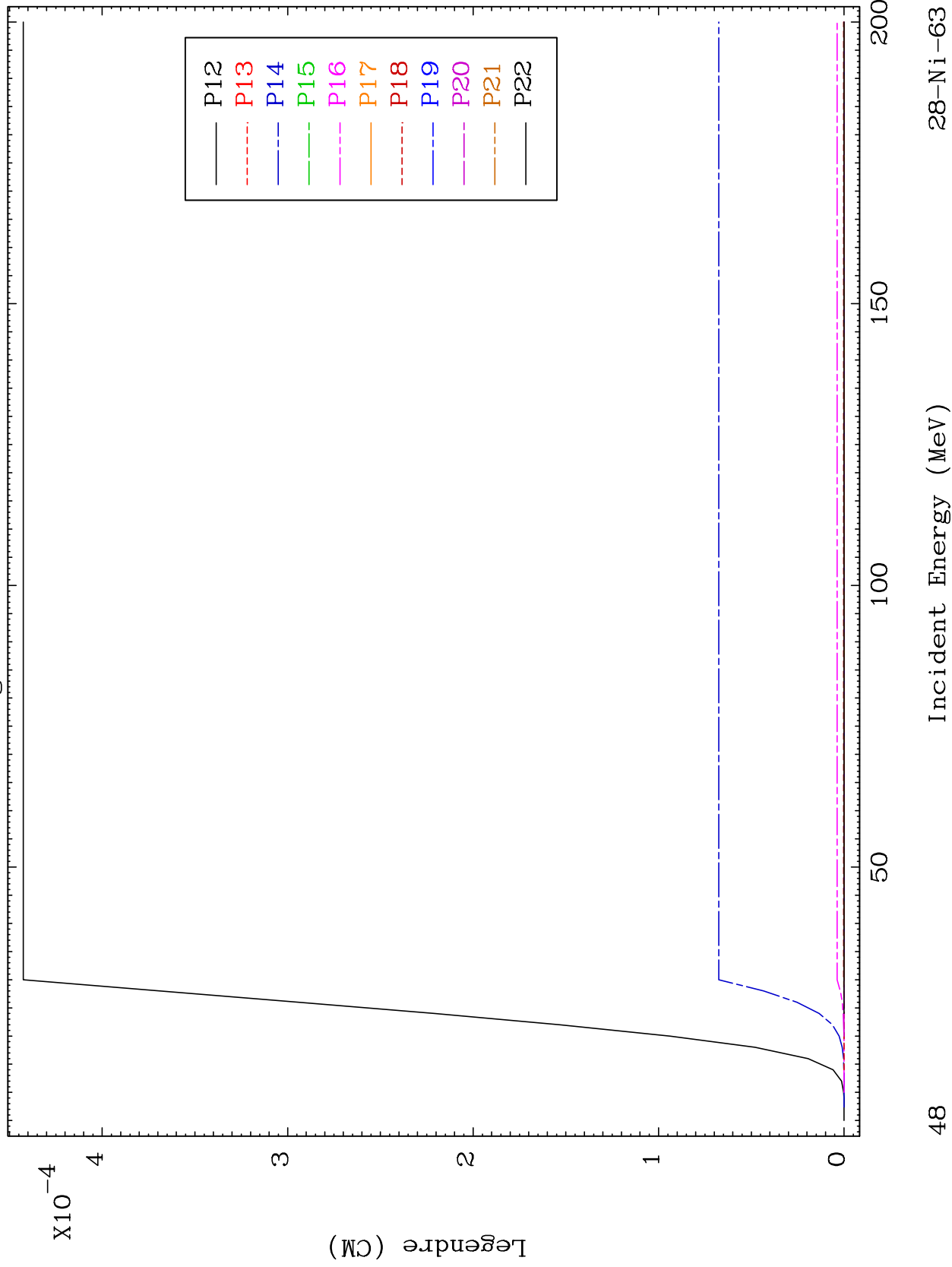




MAT 2840

1.657 MeV (n,n') Level
Legendre Coefficients

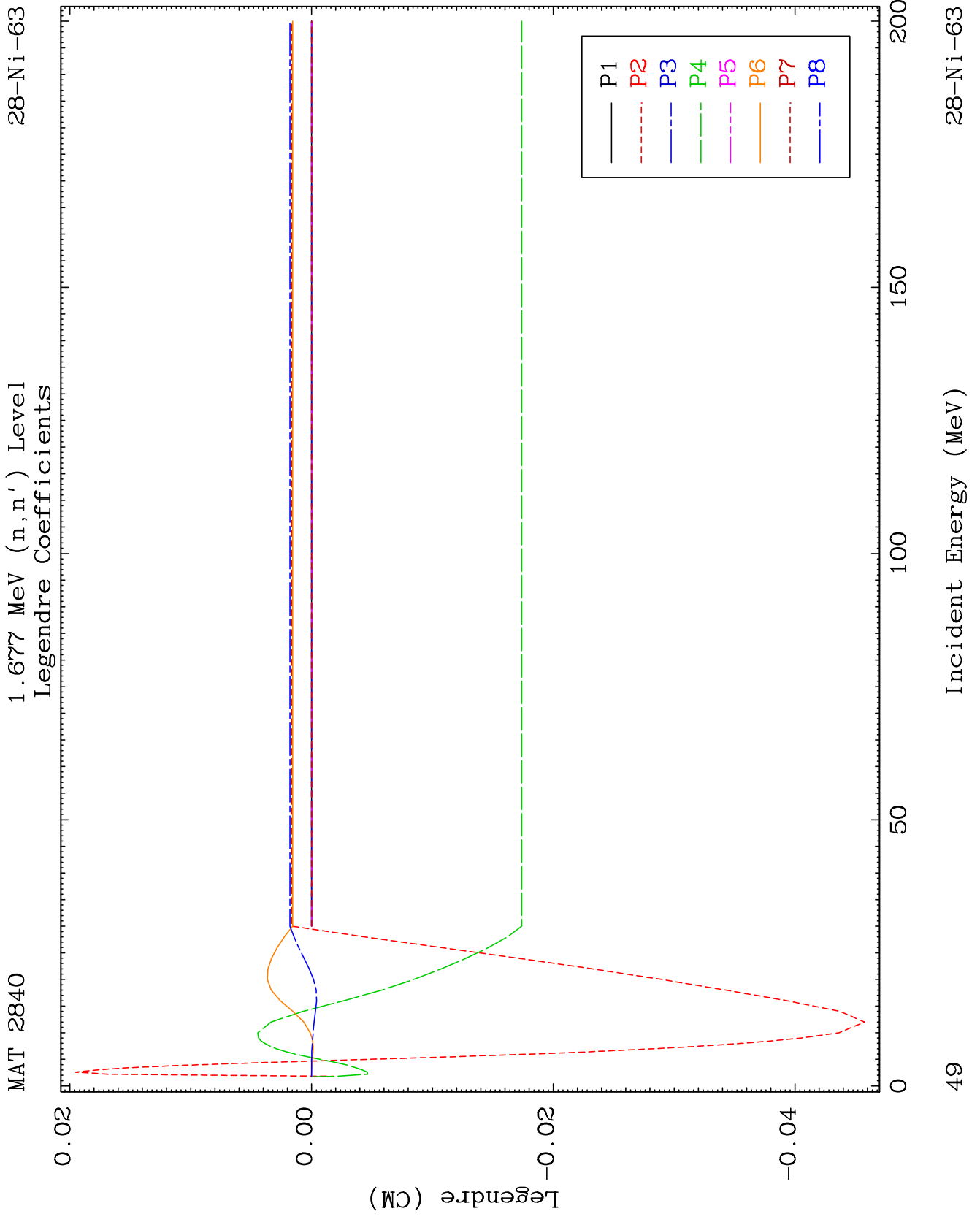
28-Ni-63

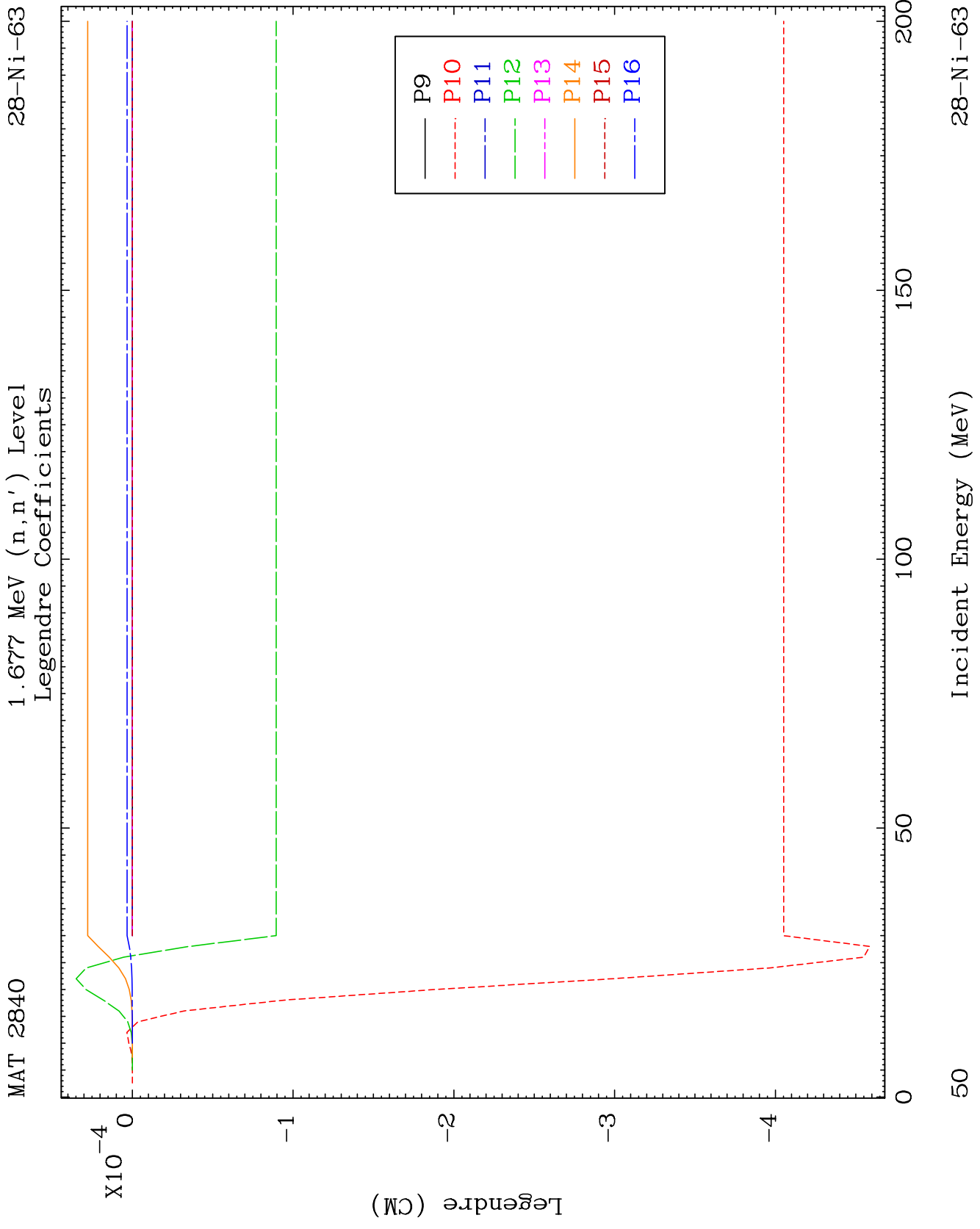


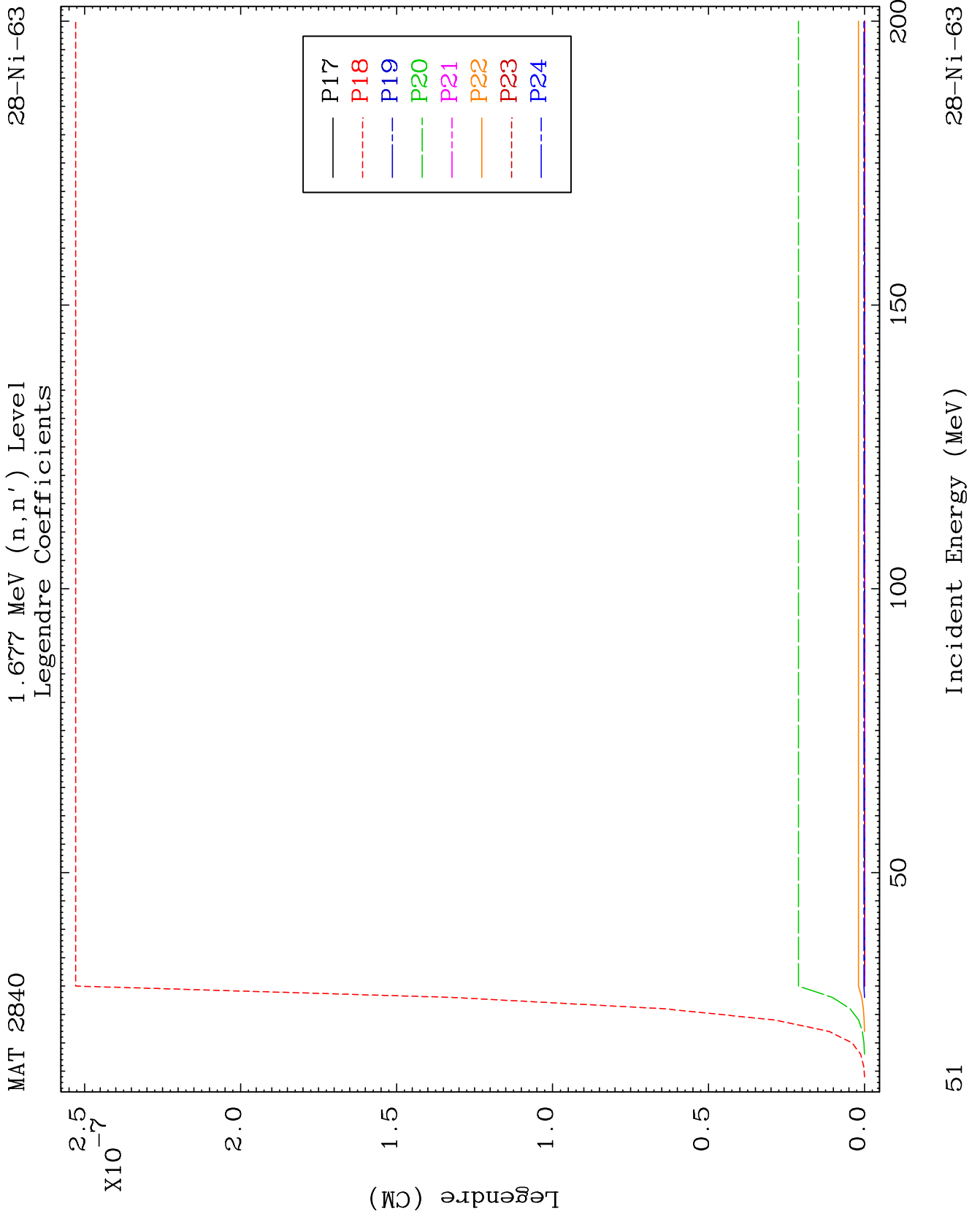
48

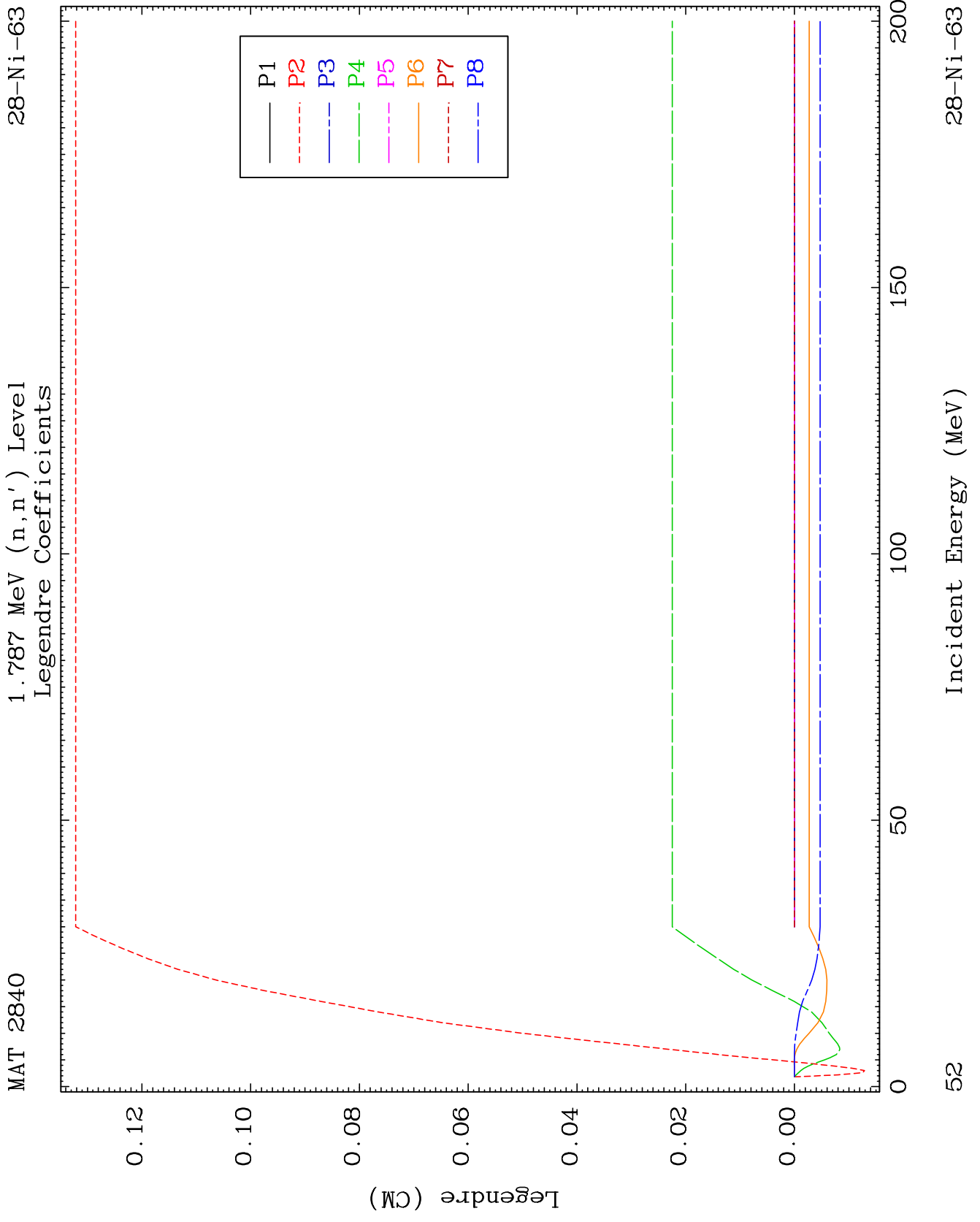
Incident Energy (MeV)

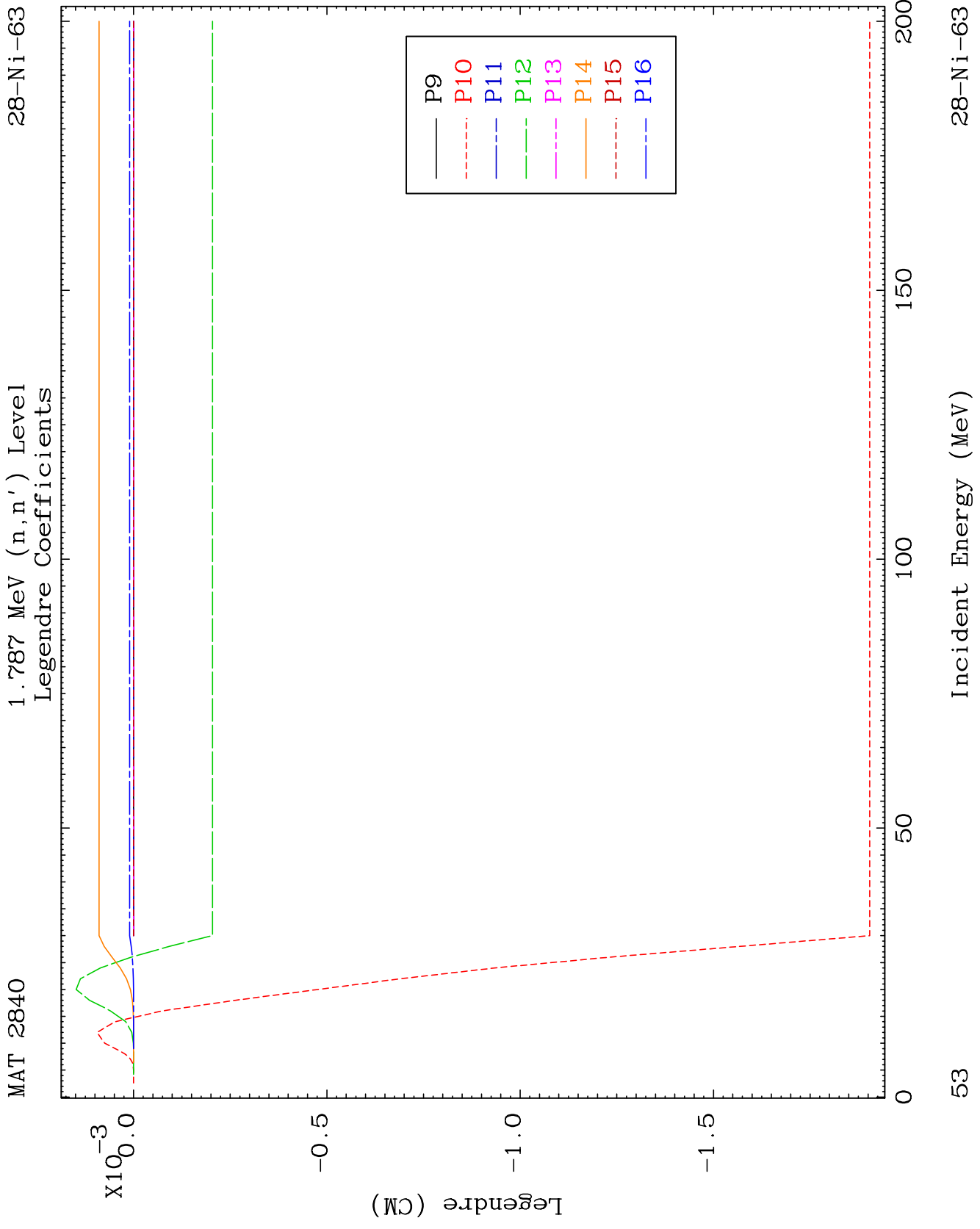
28-Ni-63

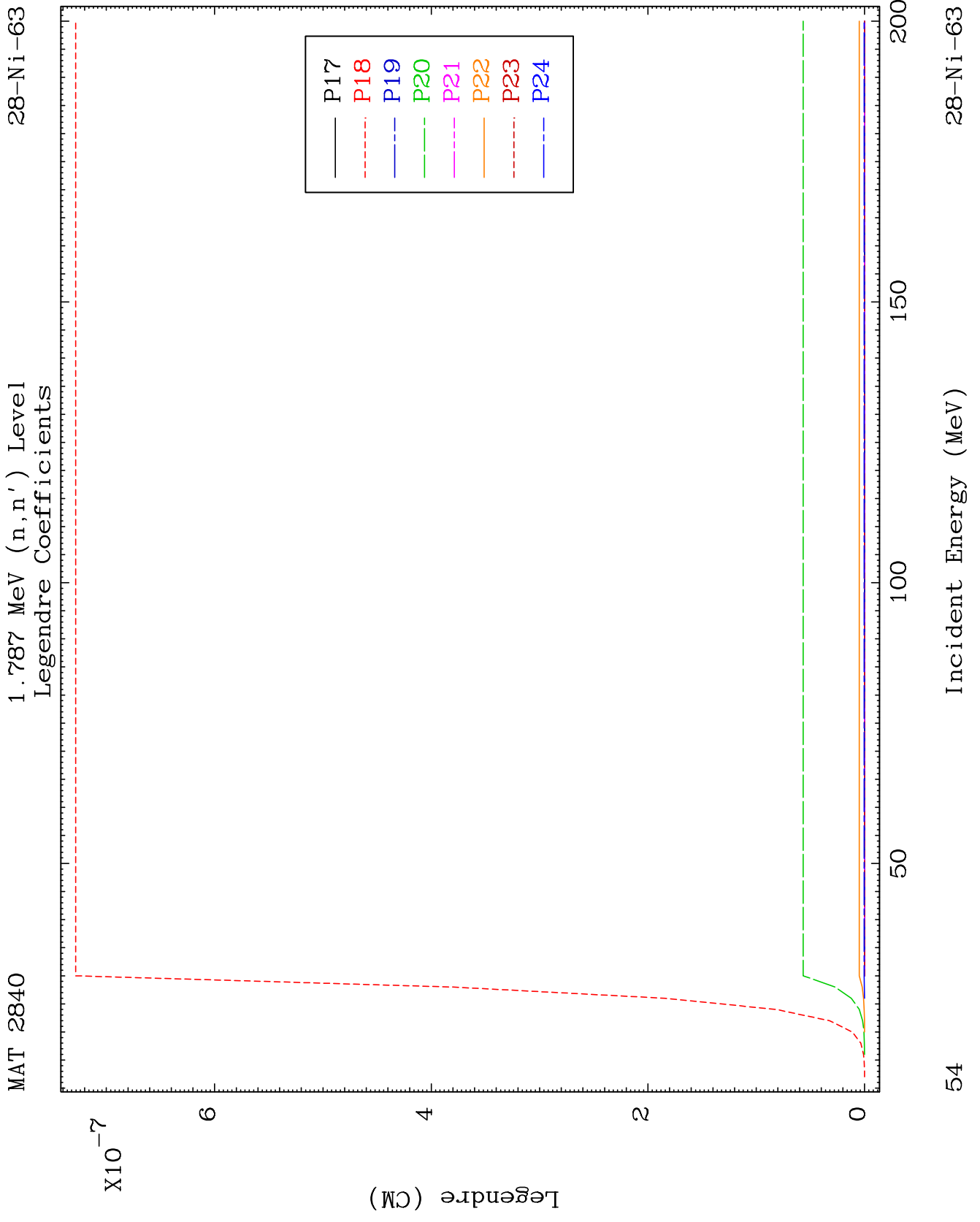


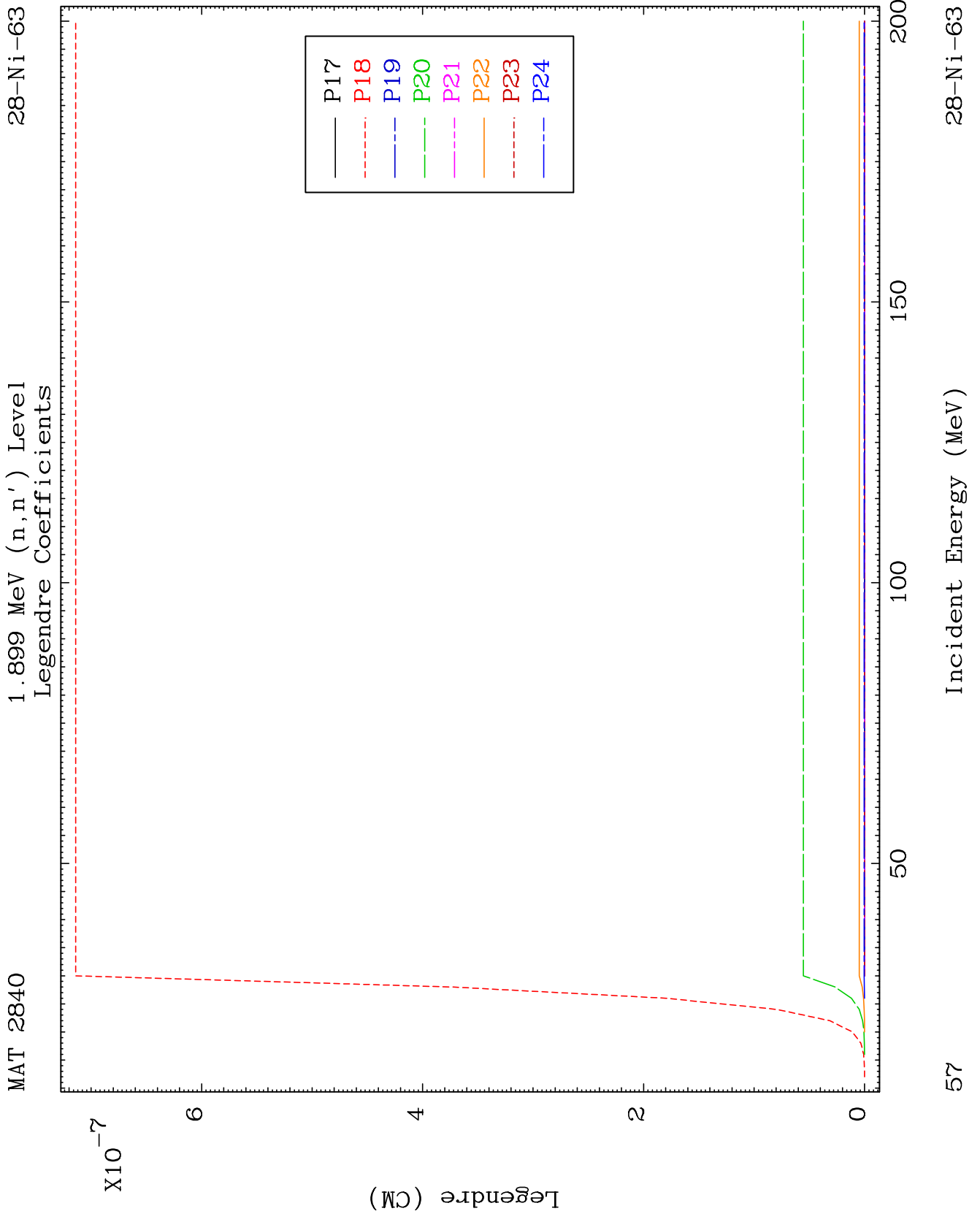


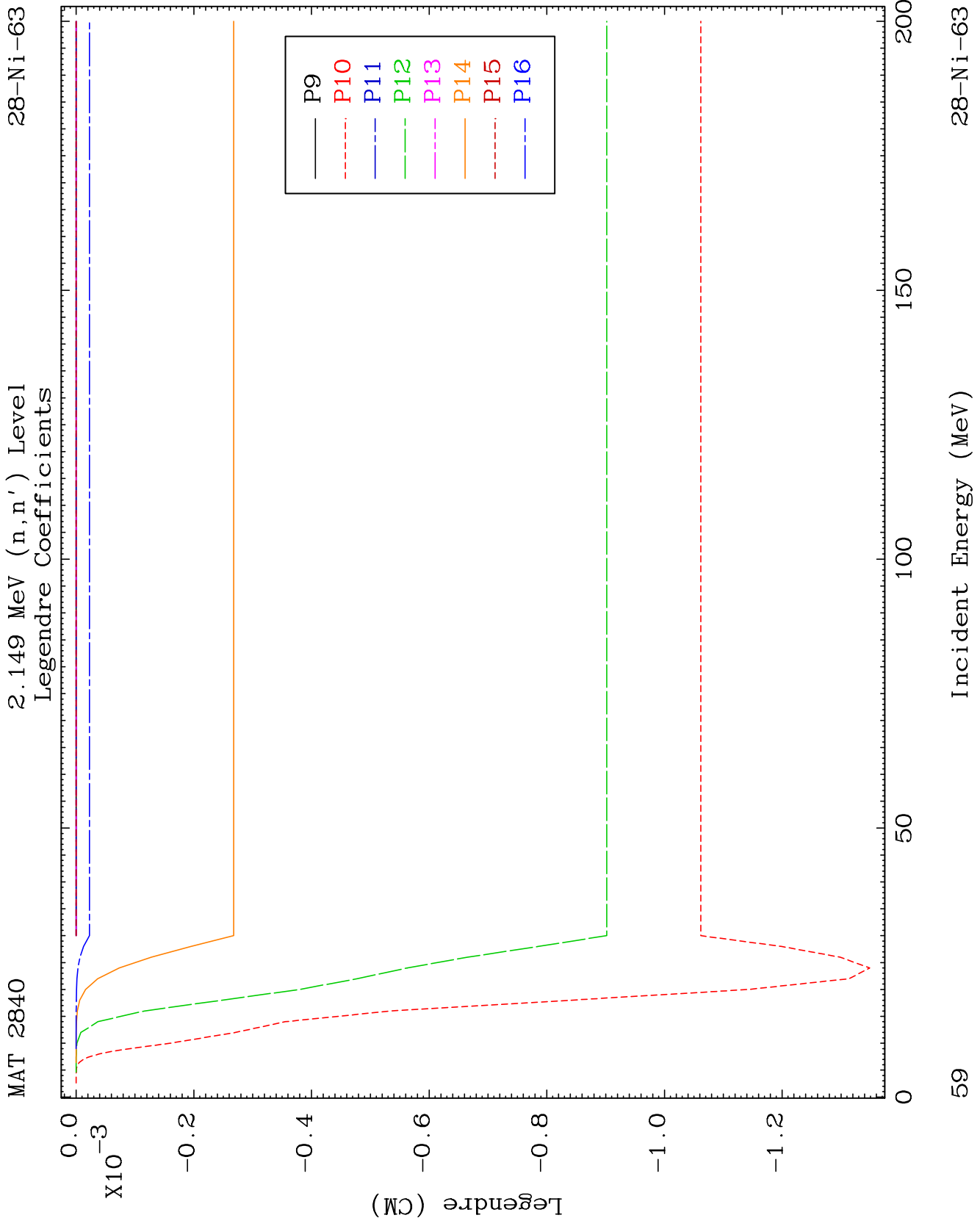


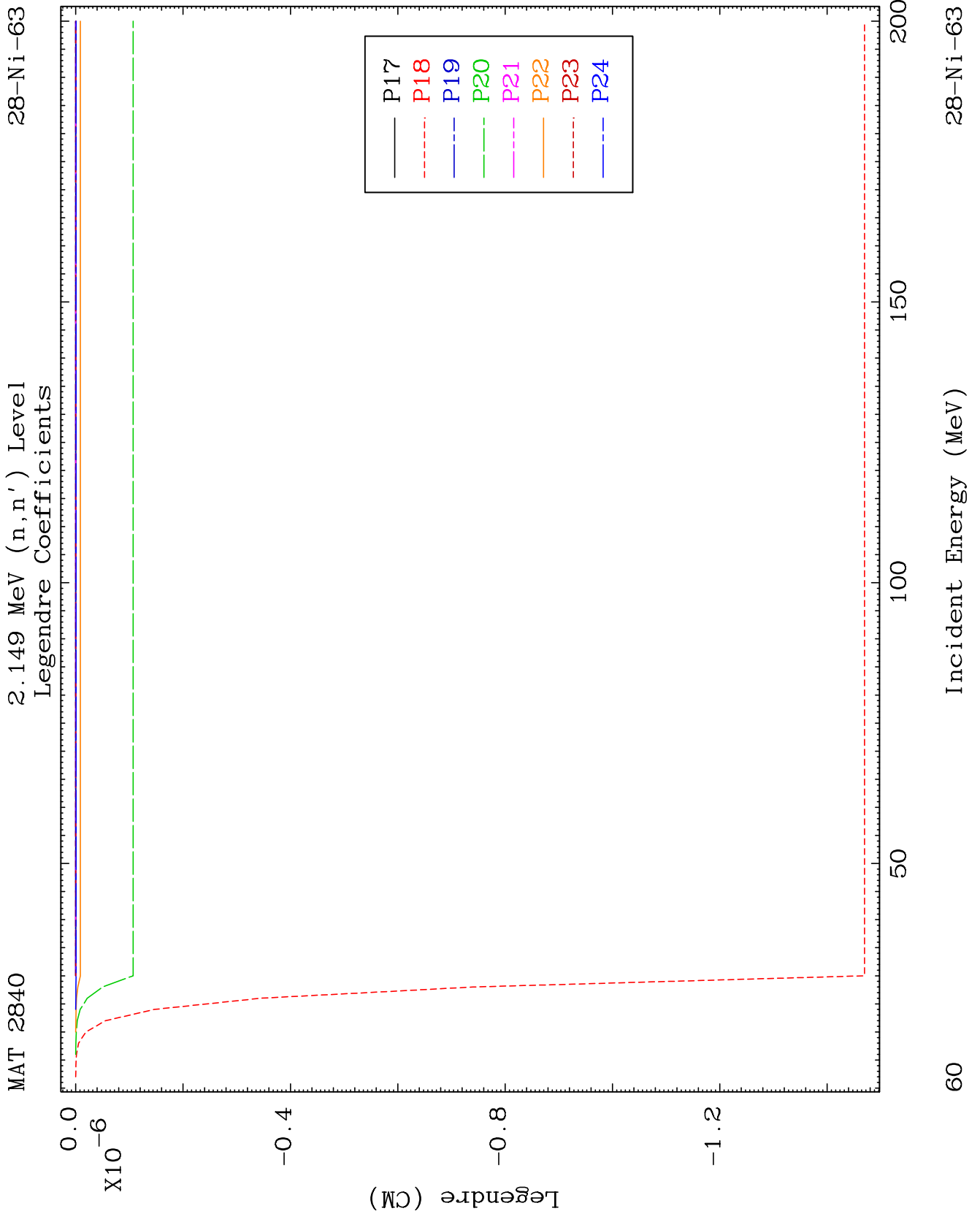








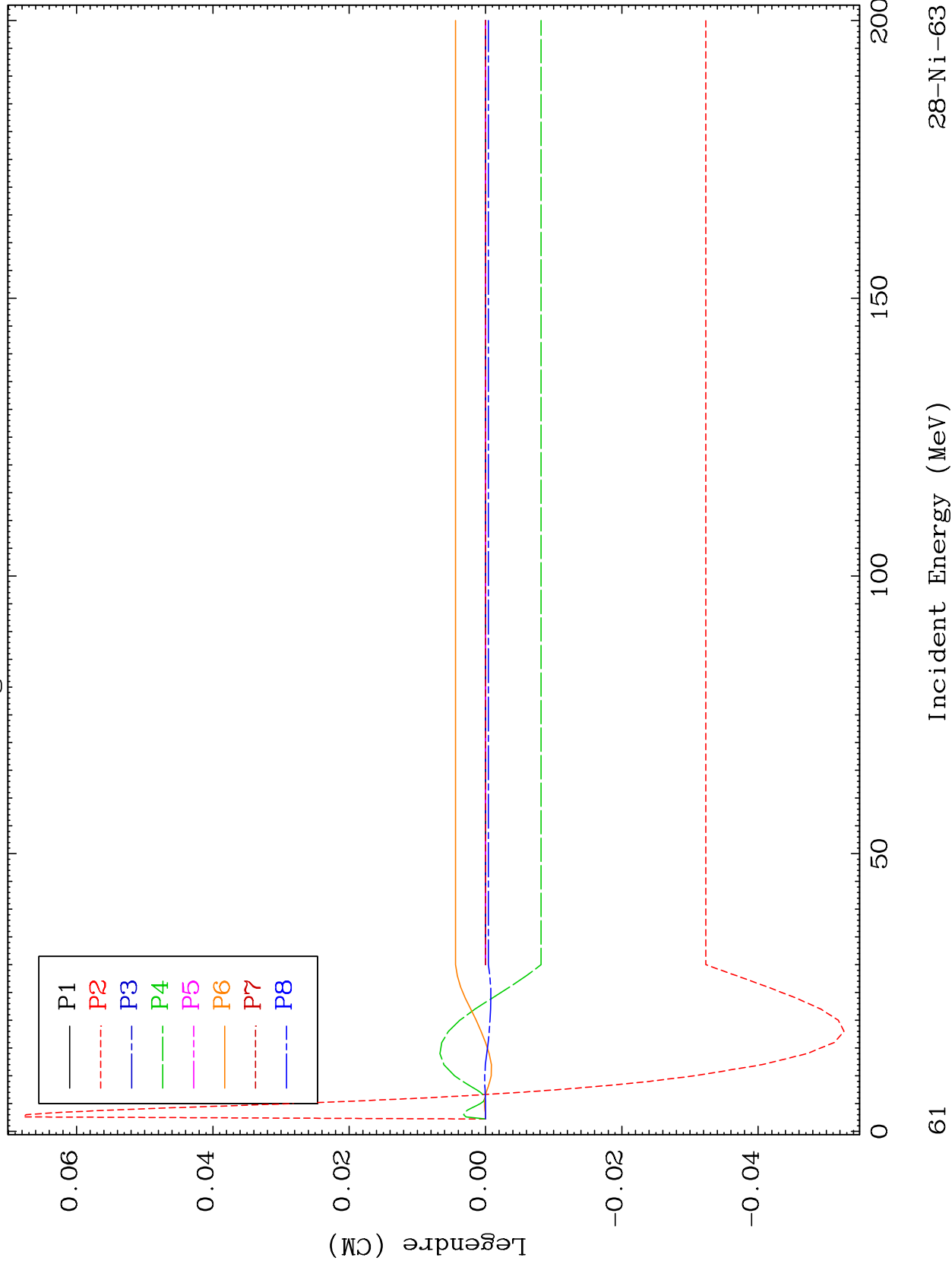




MAT 2840

2.183 MeV (n,n') Level
Legendre Coefficients

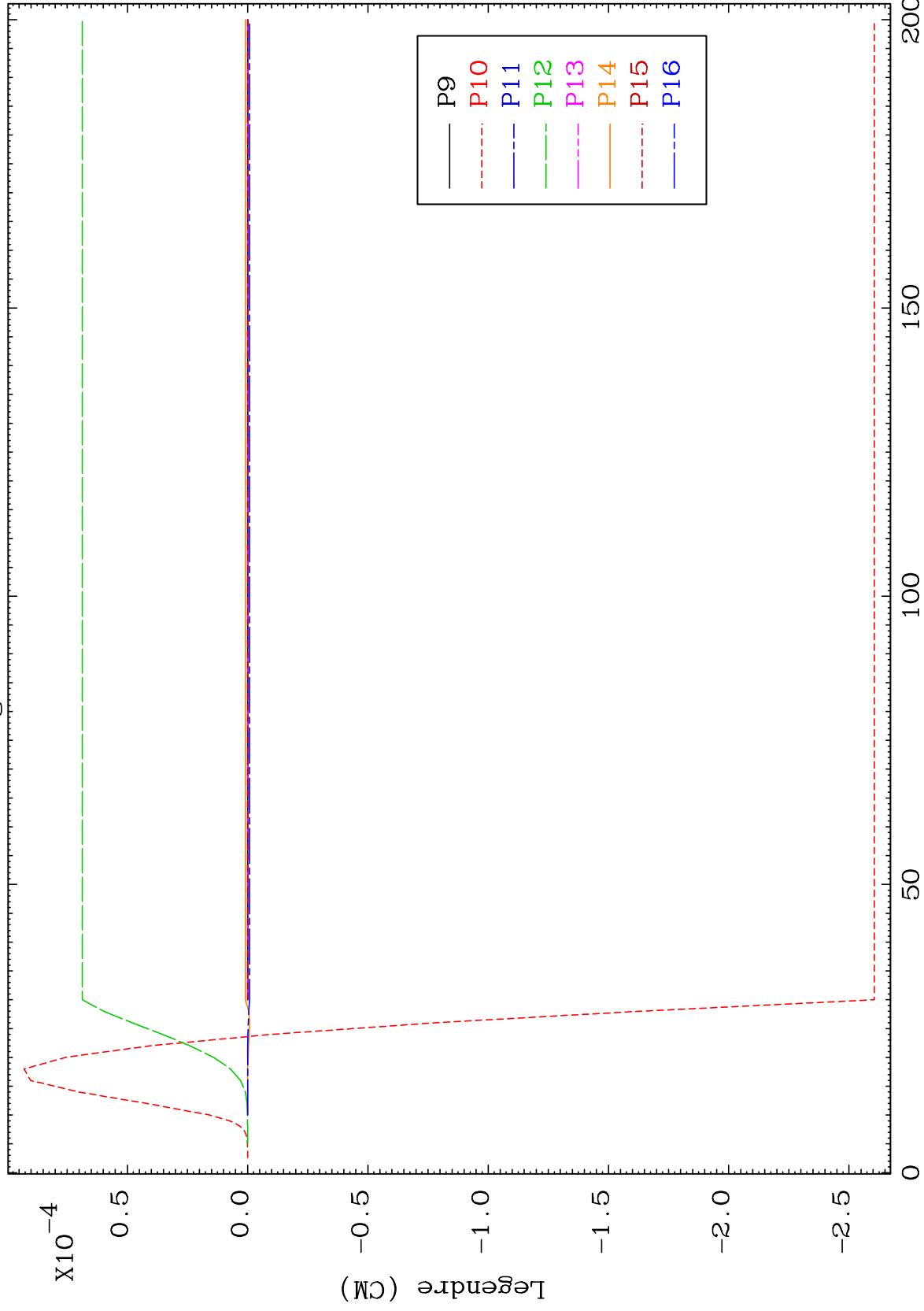
28-Ni-63



MAT 2840

2.183 MeV (n,n') Level
Legendre Coefficients

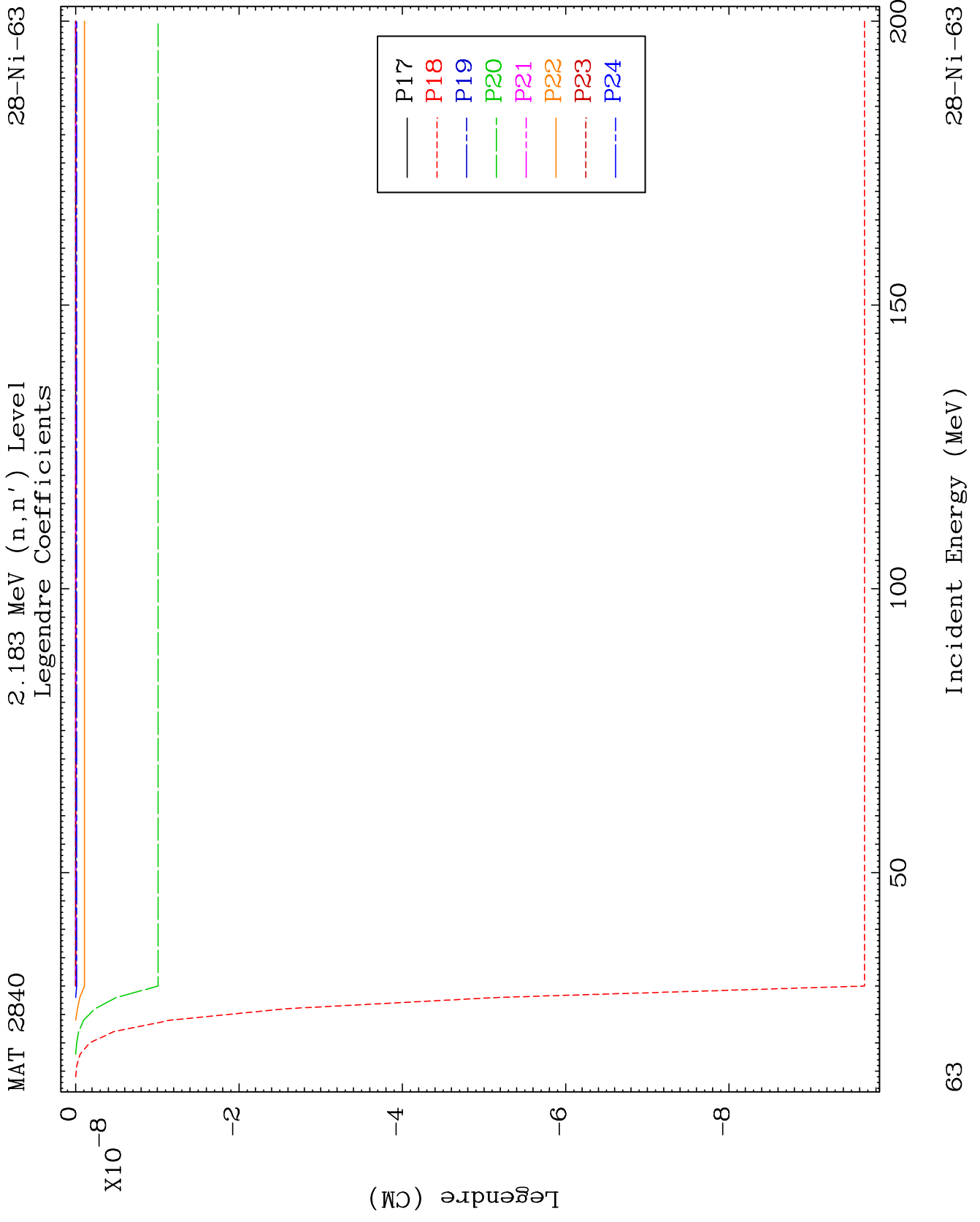
28-Ni-63

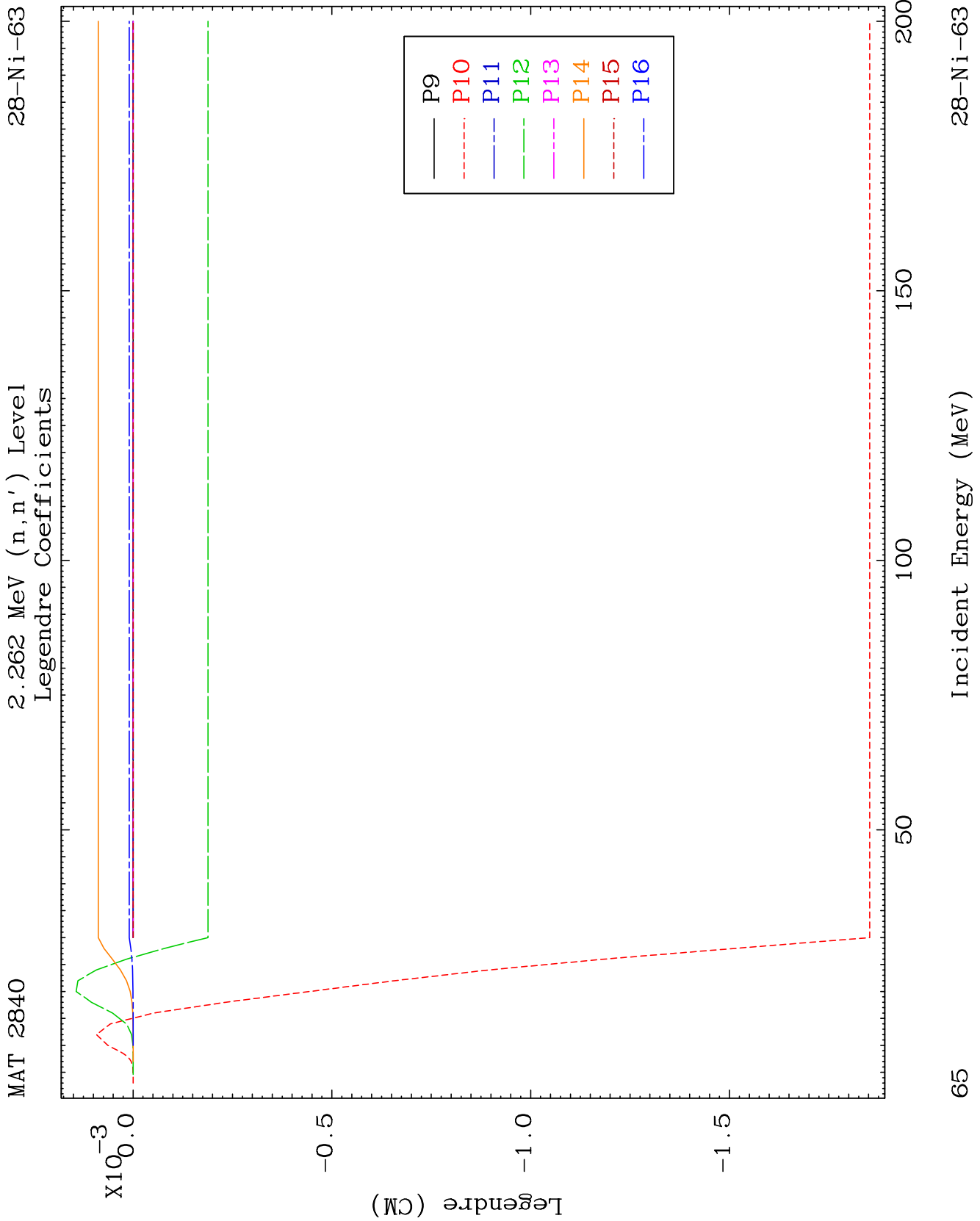


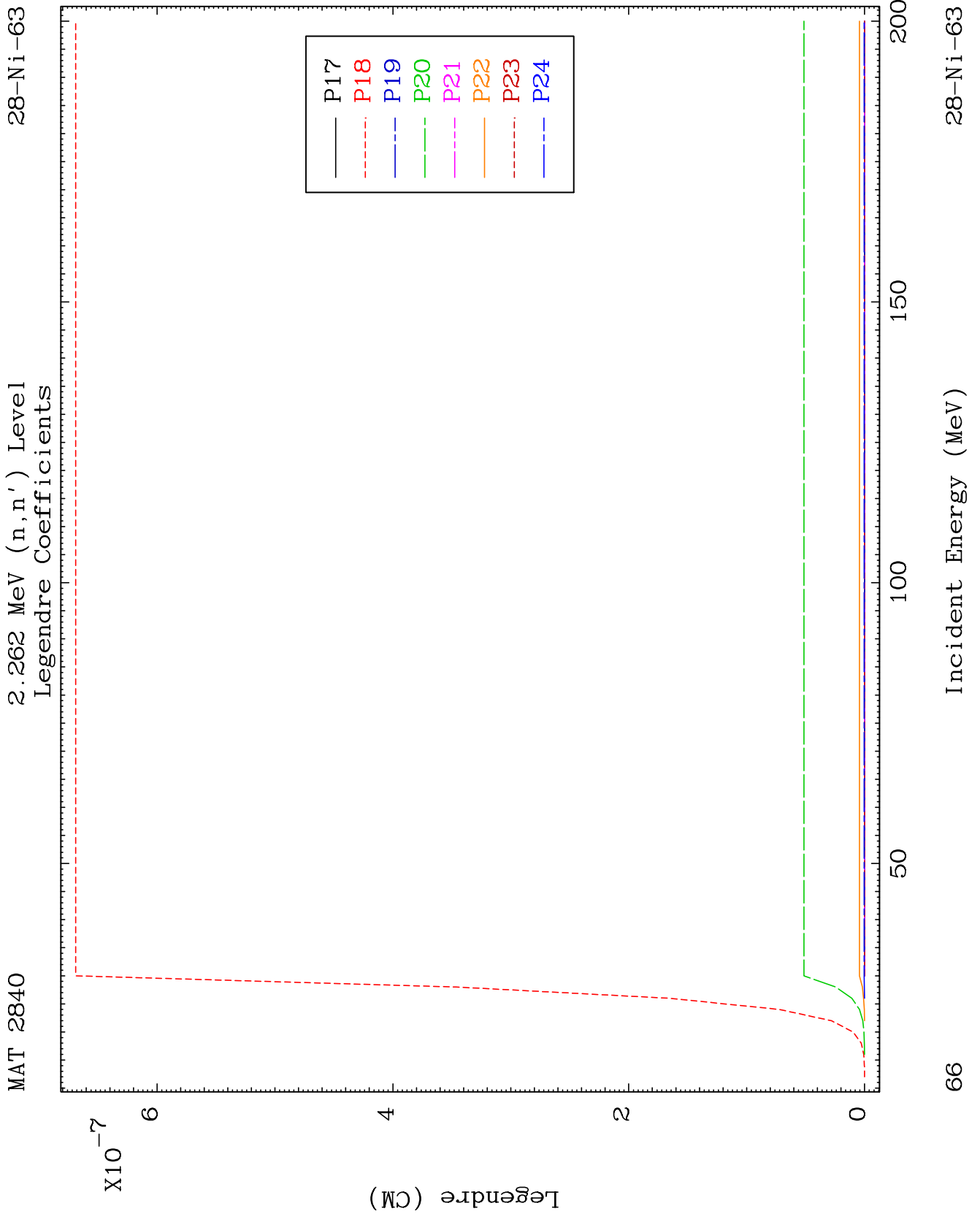
62

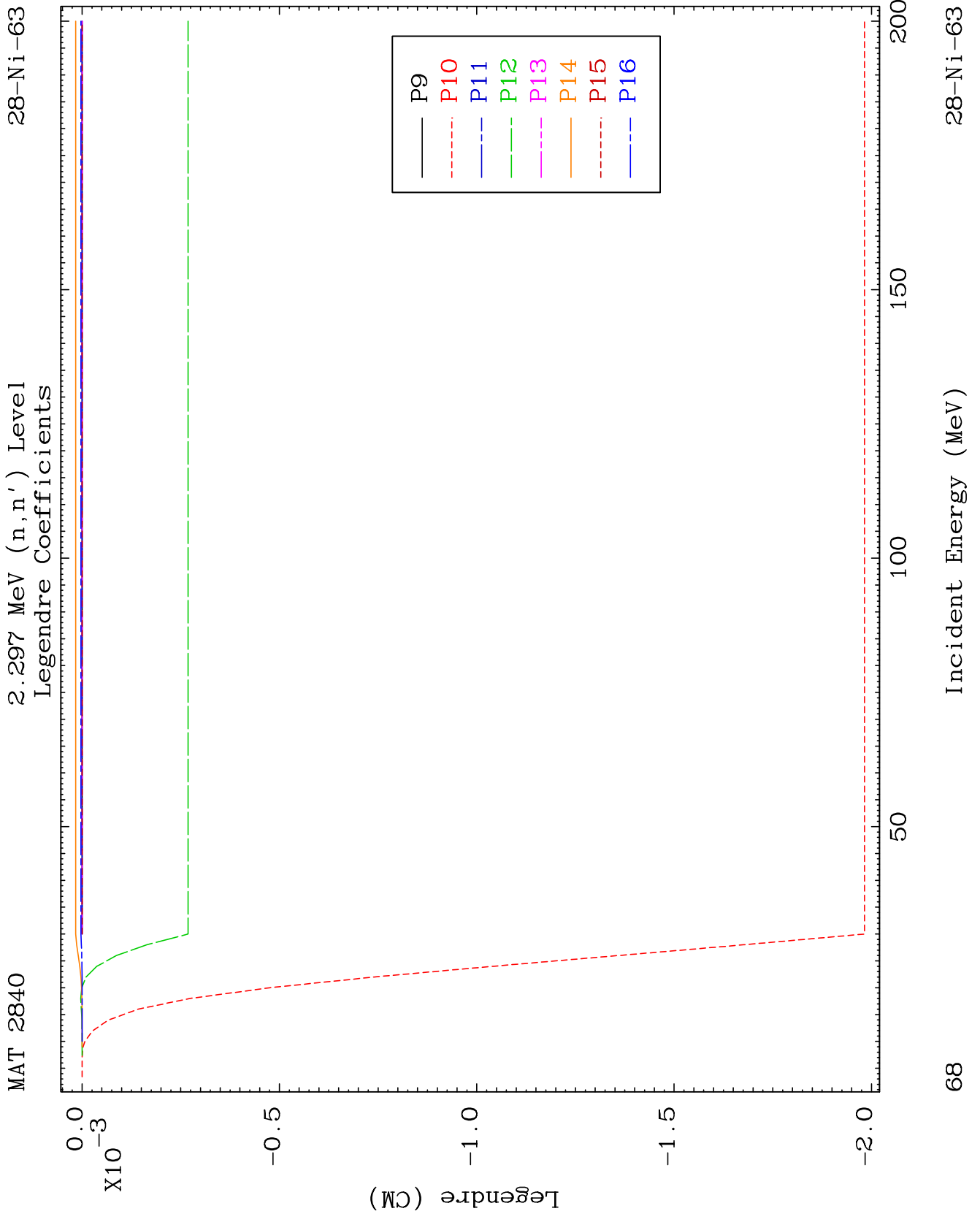
Incident Energy (MeV)

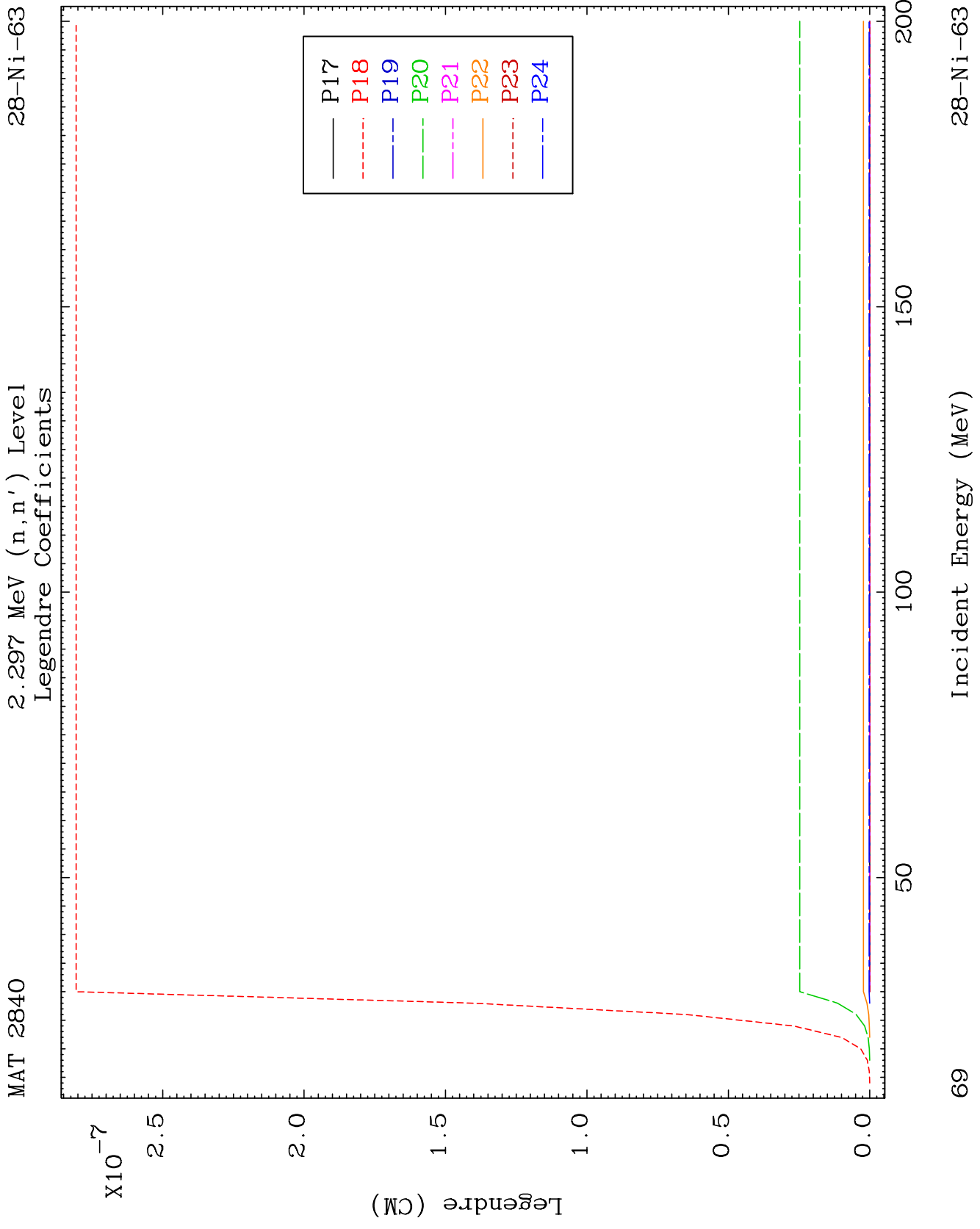
28-Ni-63

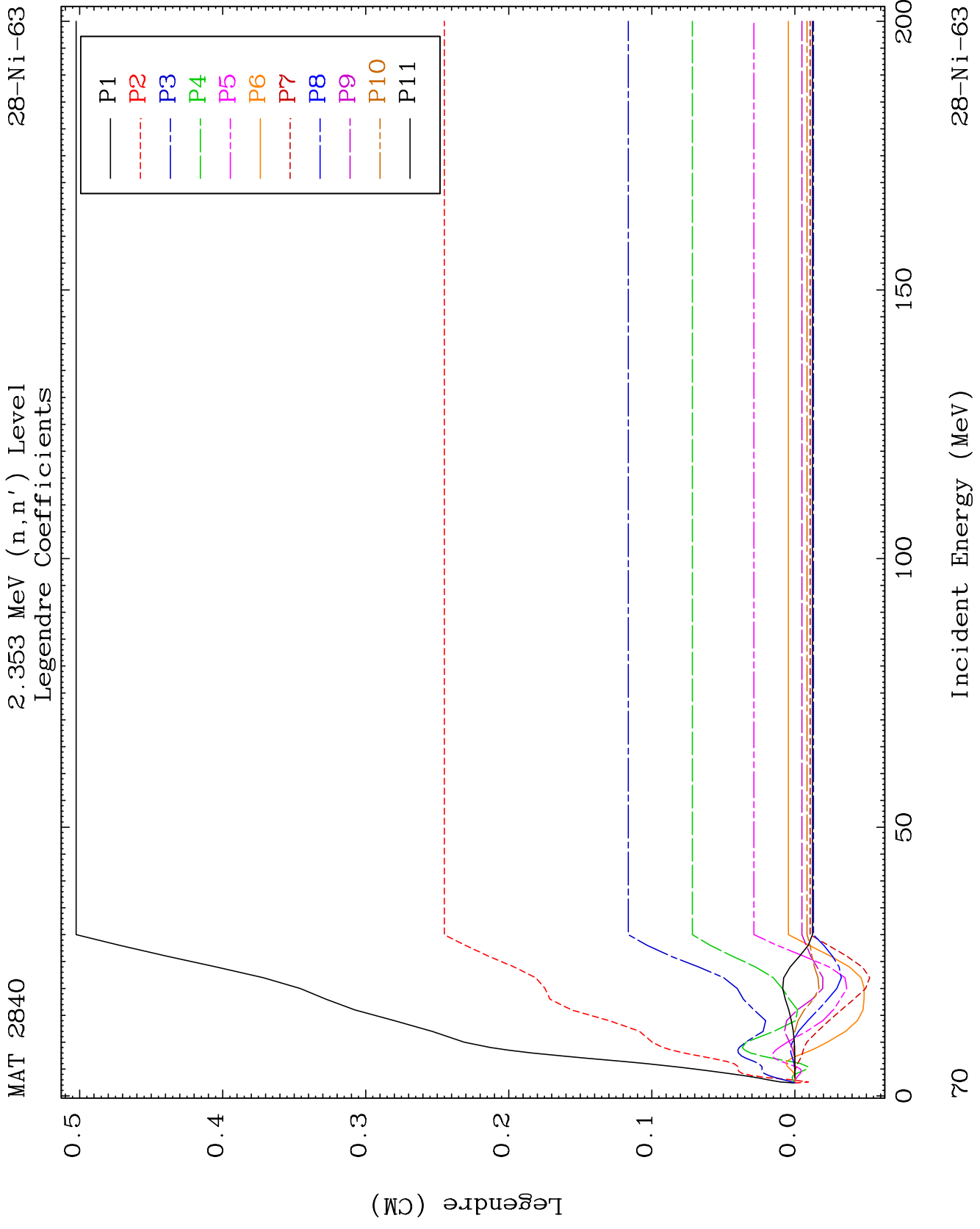








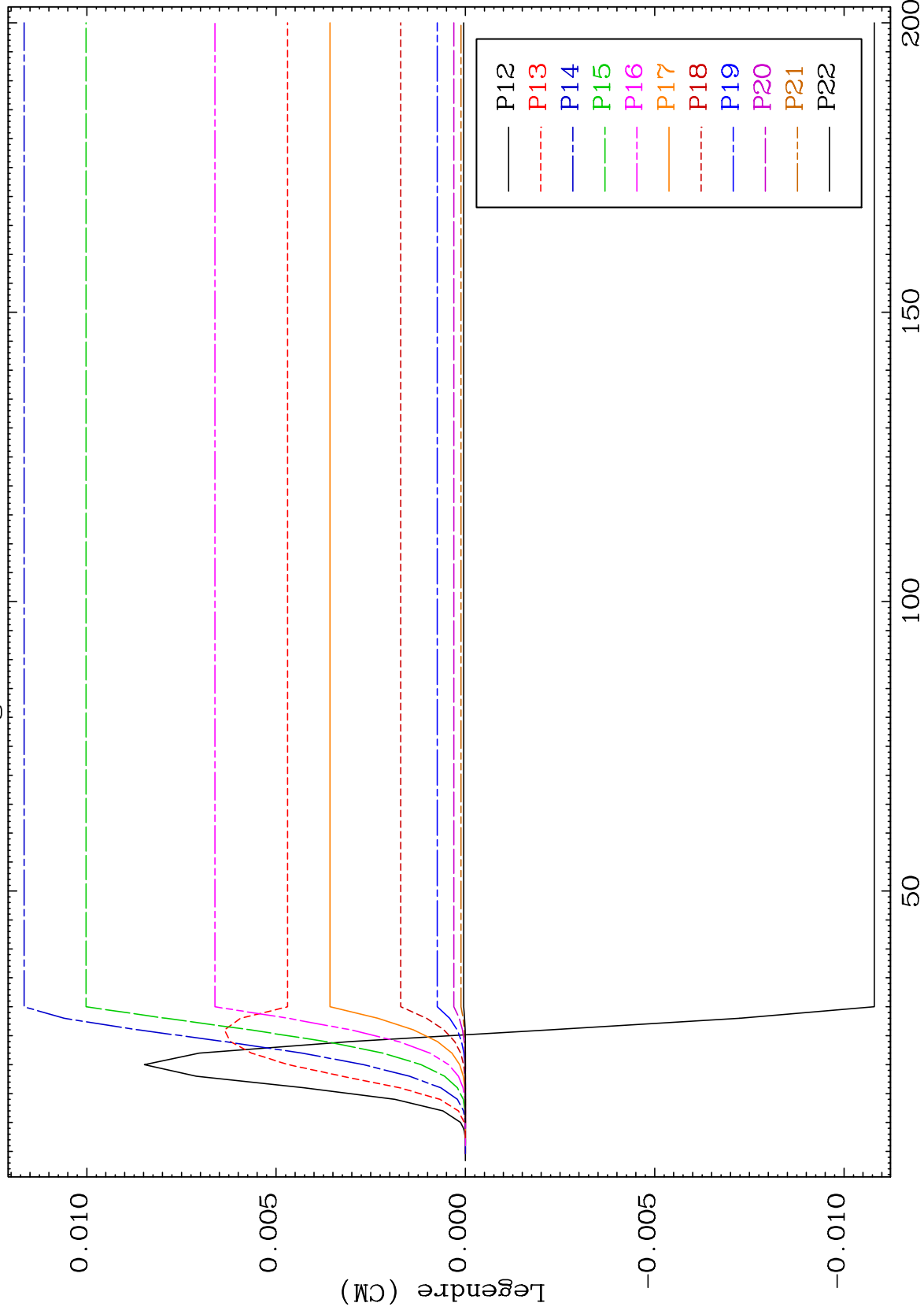




MAT 2840

2.353 MeV (n,n') Level
Legendre Coefficients

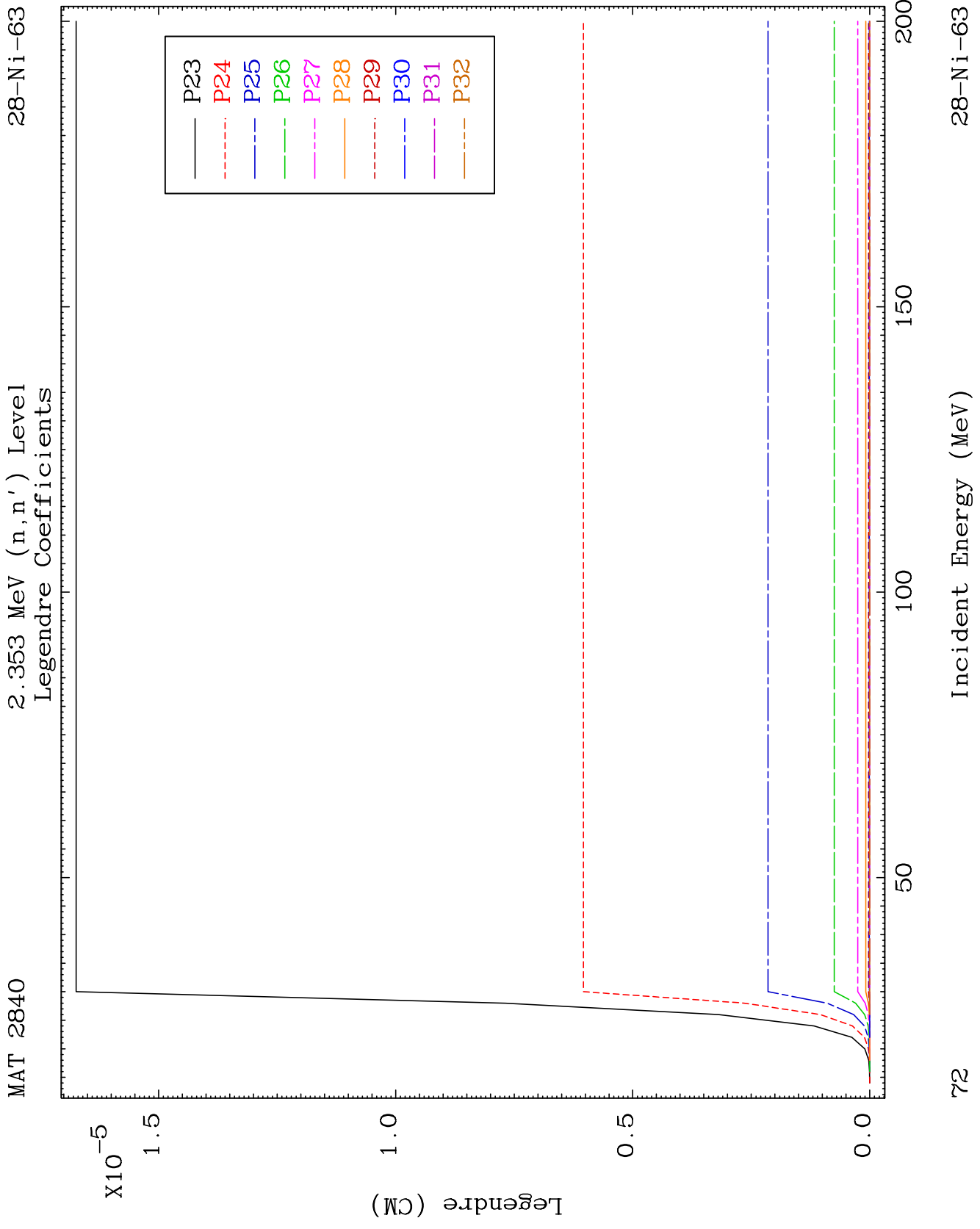
28-Ni-63



71

Incident Energy (MeV)

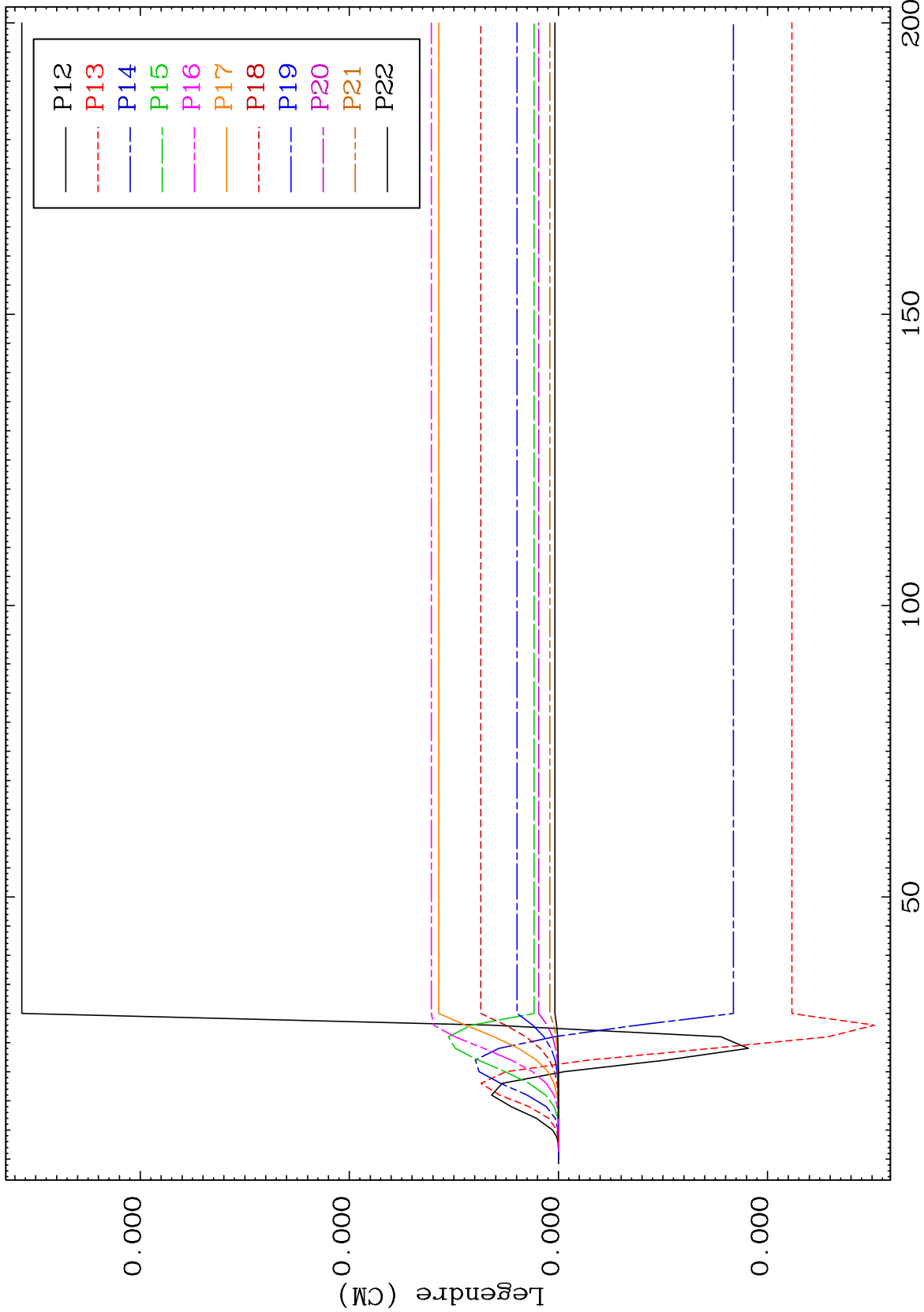
28-Ni-63



MAT 2840

2.519 MeV (n,n') Level
Legendre Coefficients

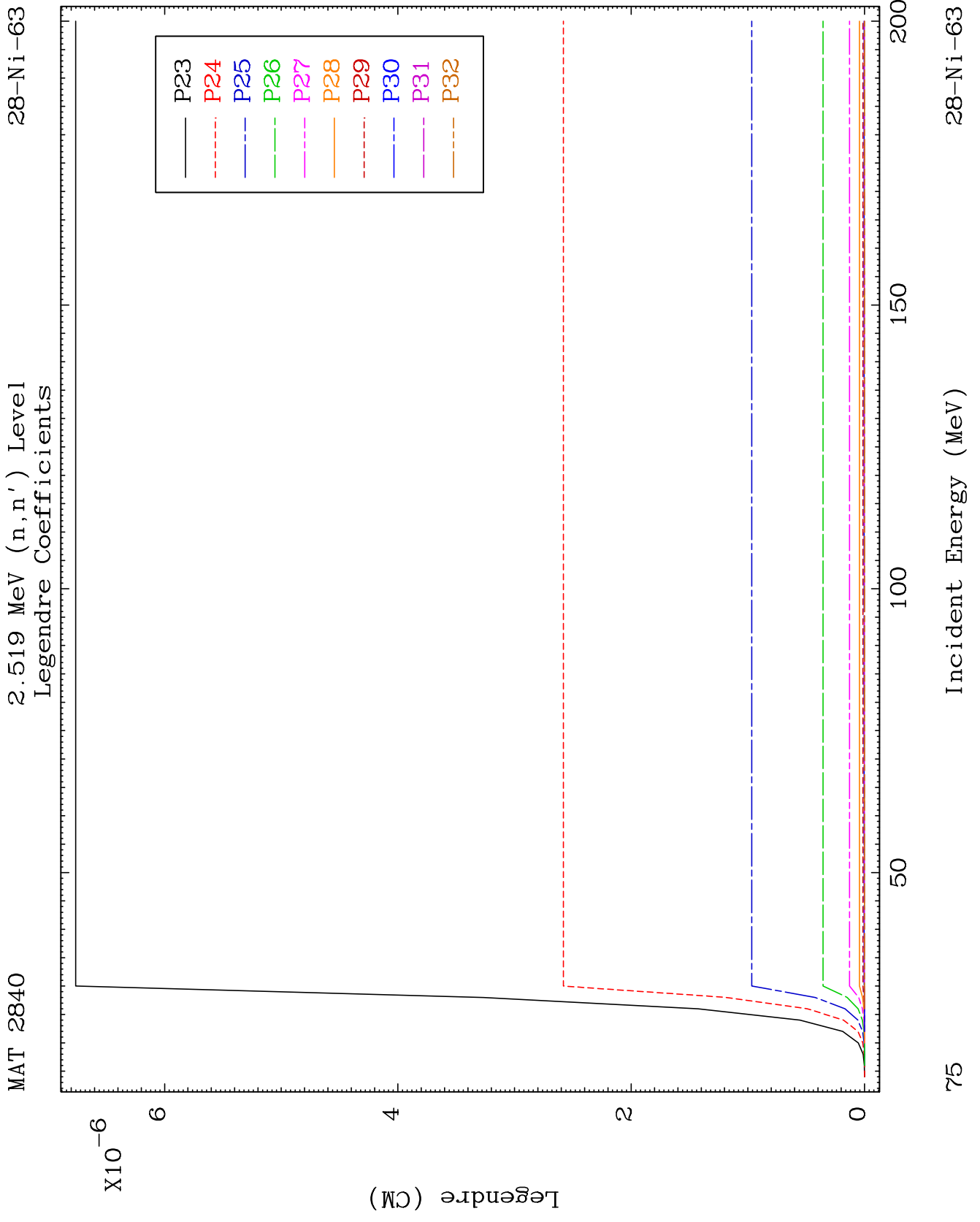
28-Ni-63



74

Incident Energy (MeV)

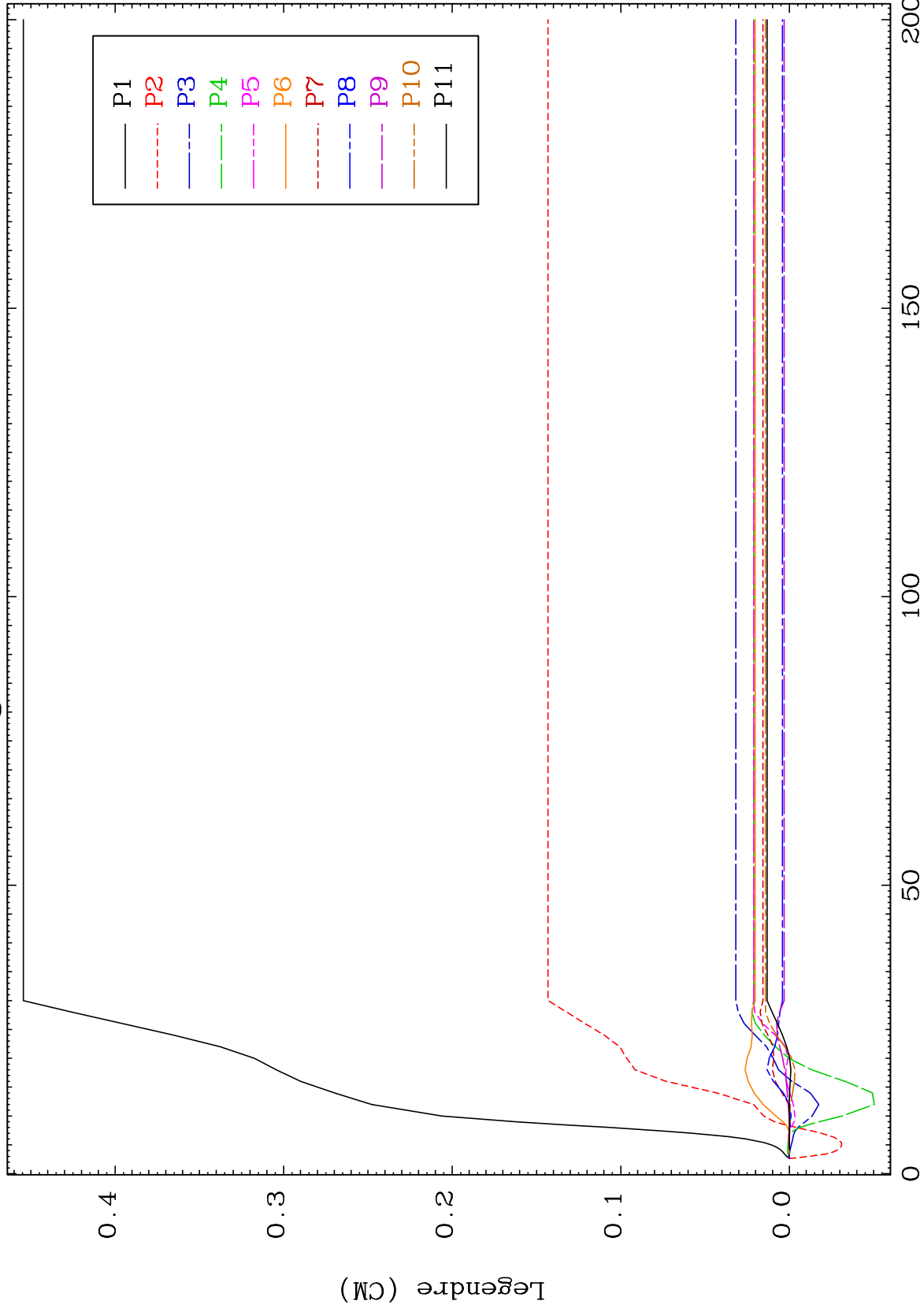
28-Ni-63



MAT 2840

2.573 MeV (n,n') Level
Legendre Coefficients

28-Ni-63



76

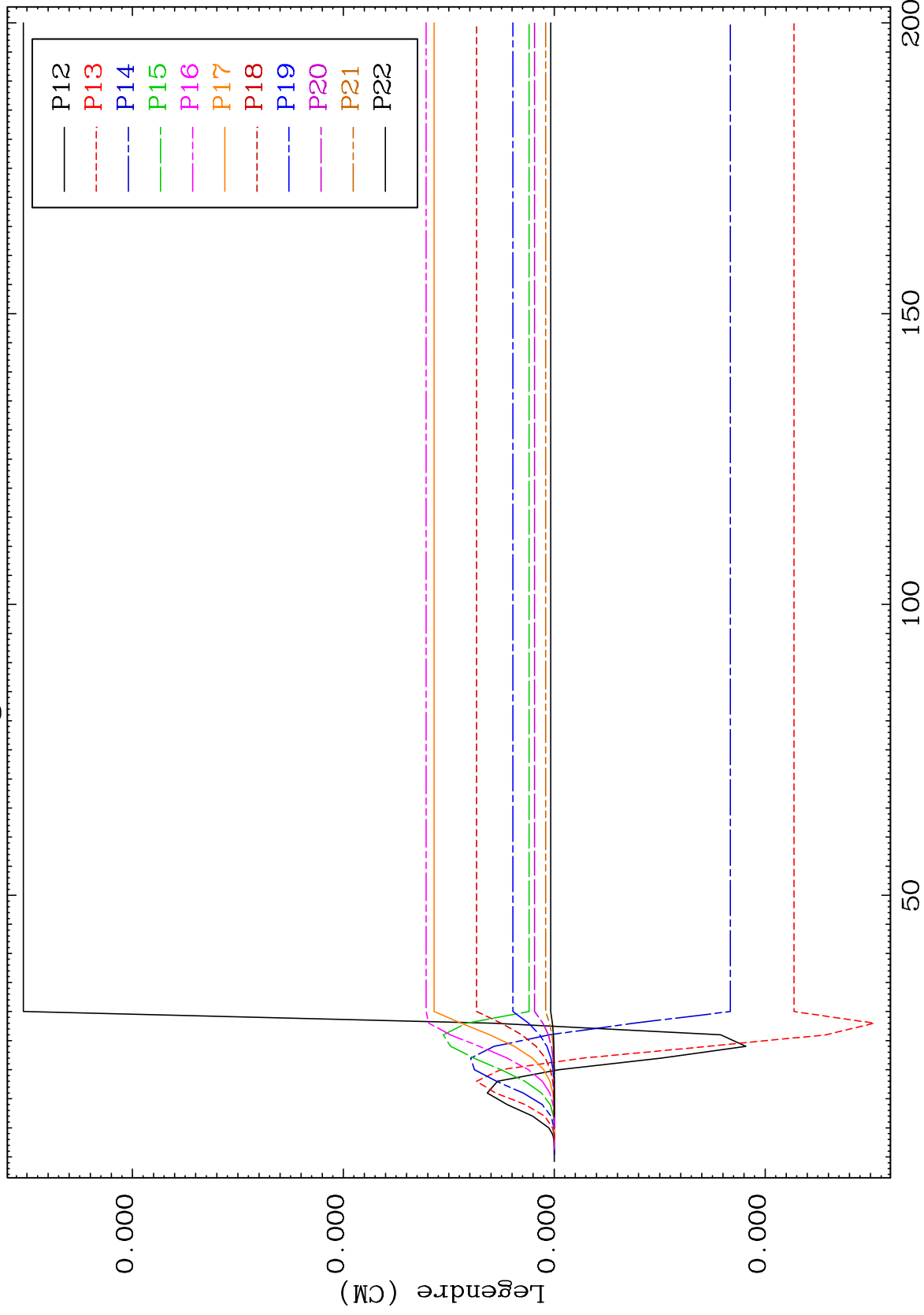
Incident Energy (MeV)

28-Ni-63

MAT 2840

2.573 MeV (n,n') Level
Legendre Coefficients

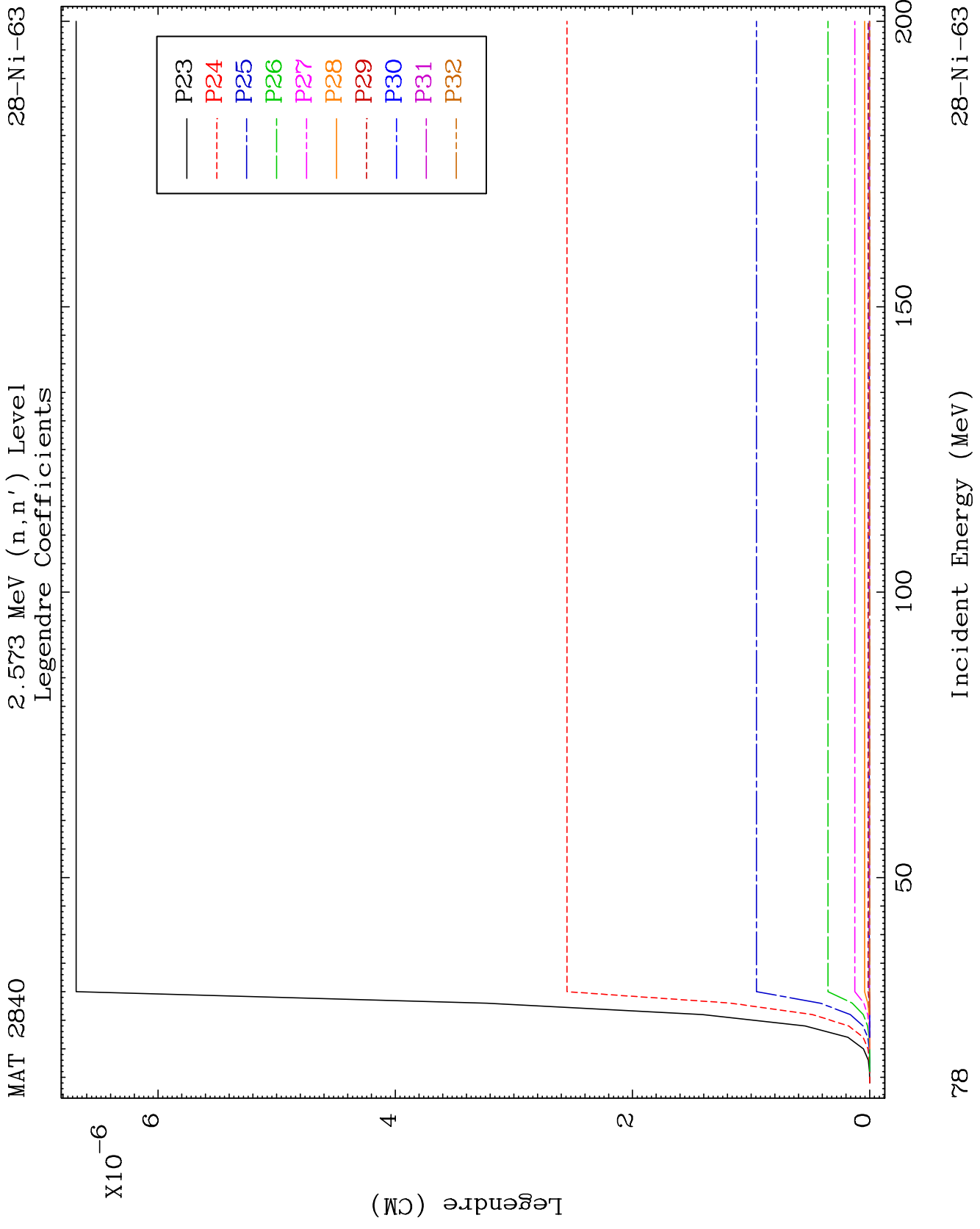
28-Ni-63

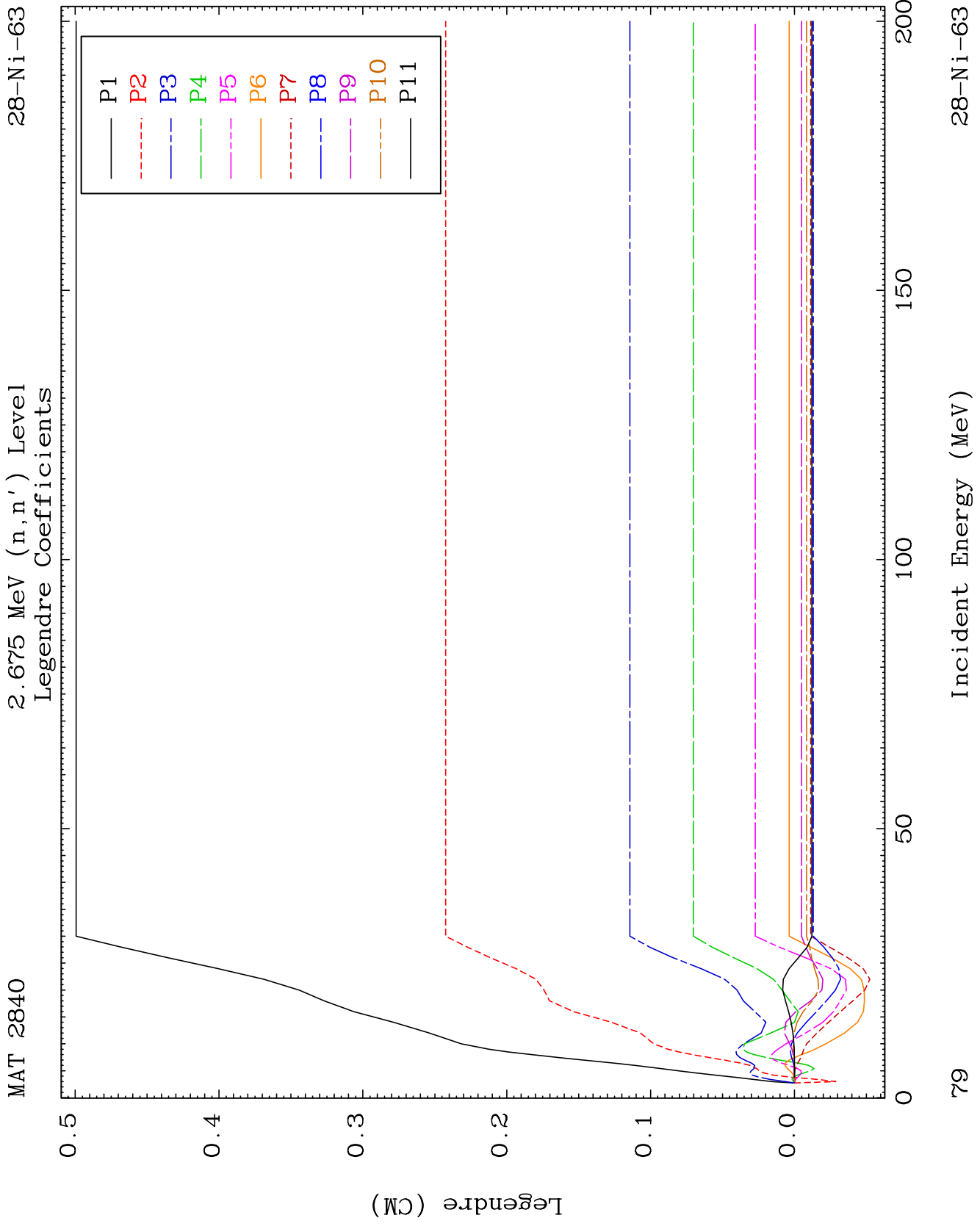


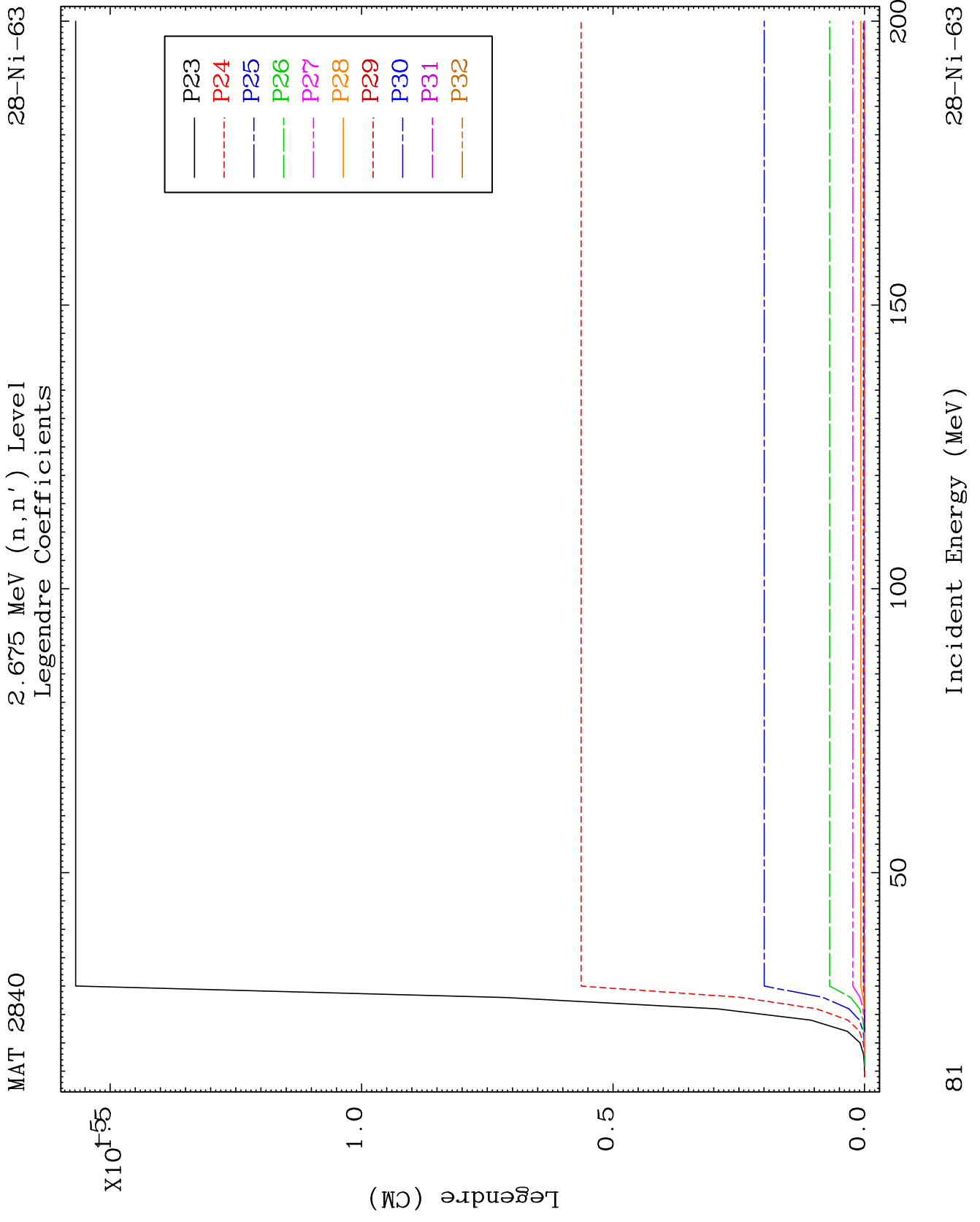
77

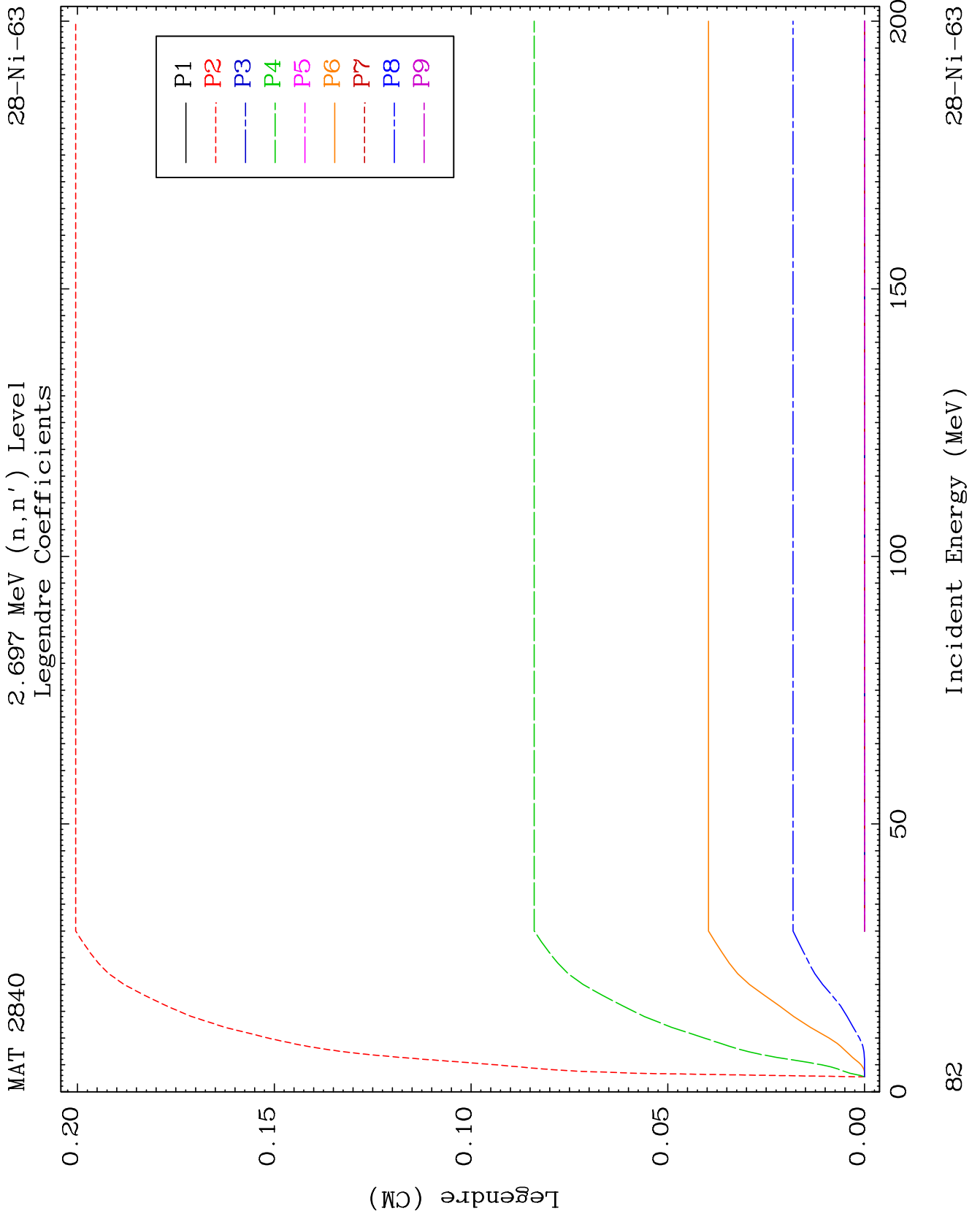
Incident Energy (MeV)

28-Ni-63





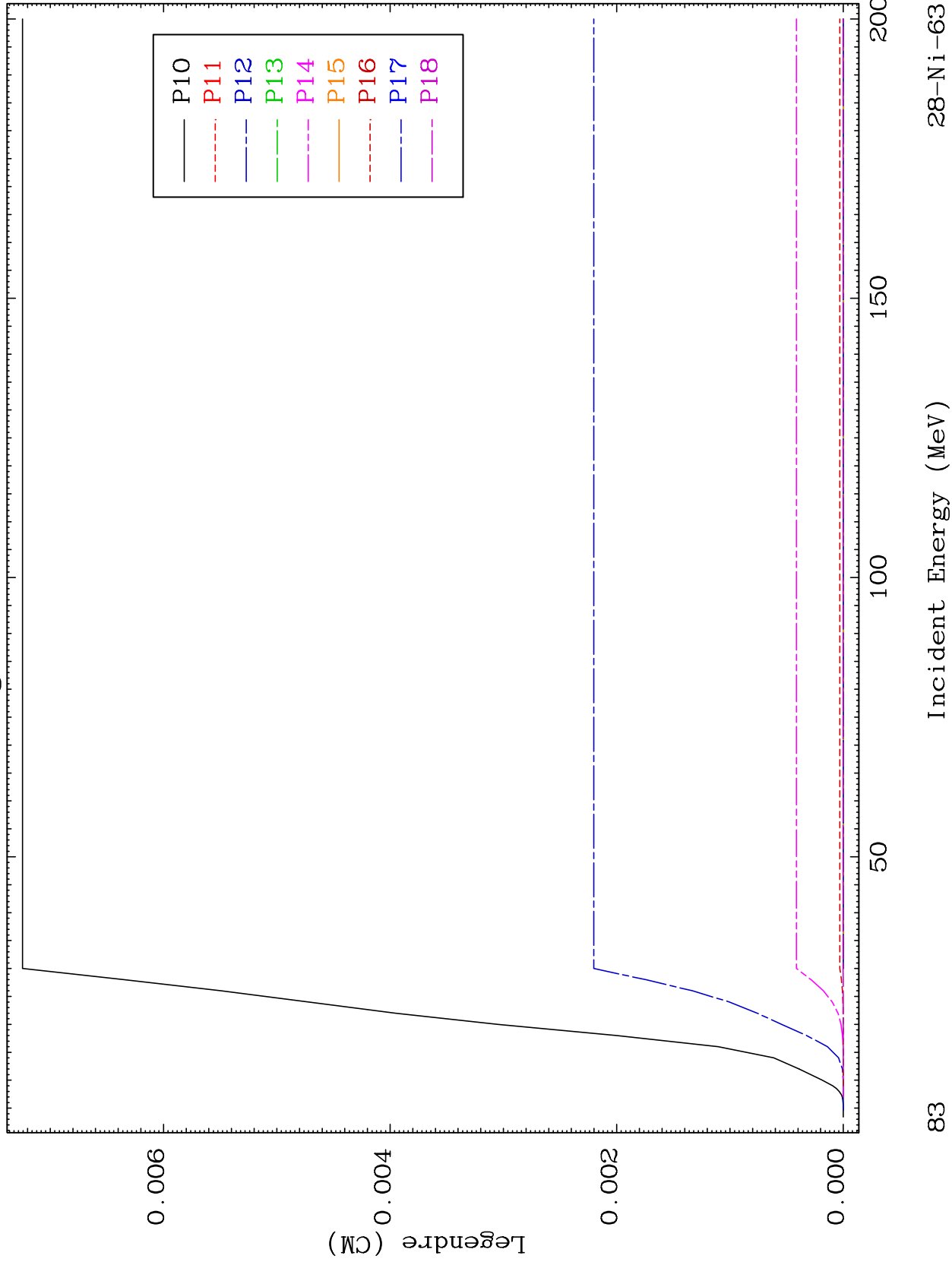




MAT 2840

2.697 MeV (n,n') Level
Legendre Coefficients

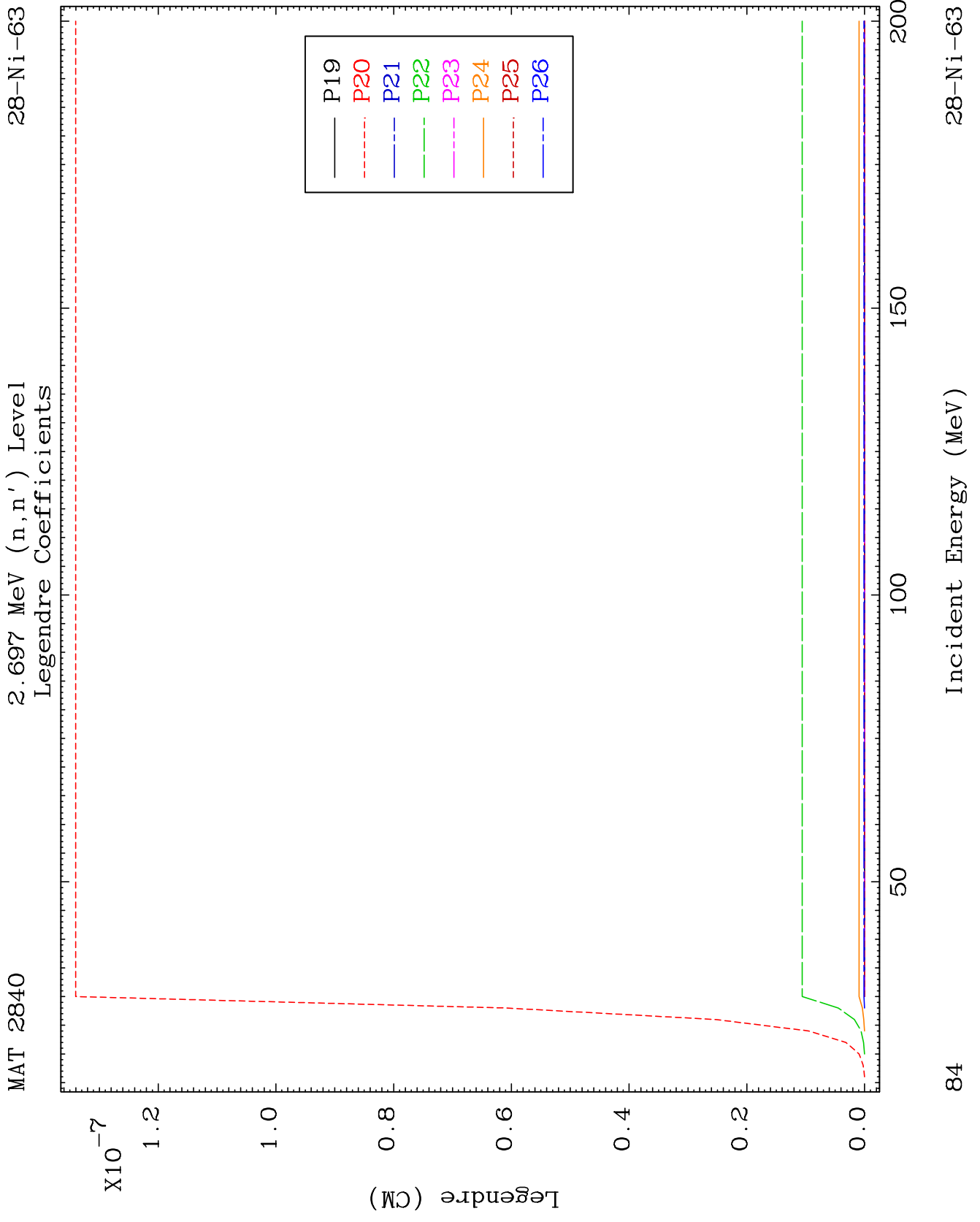
28-Ni-63

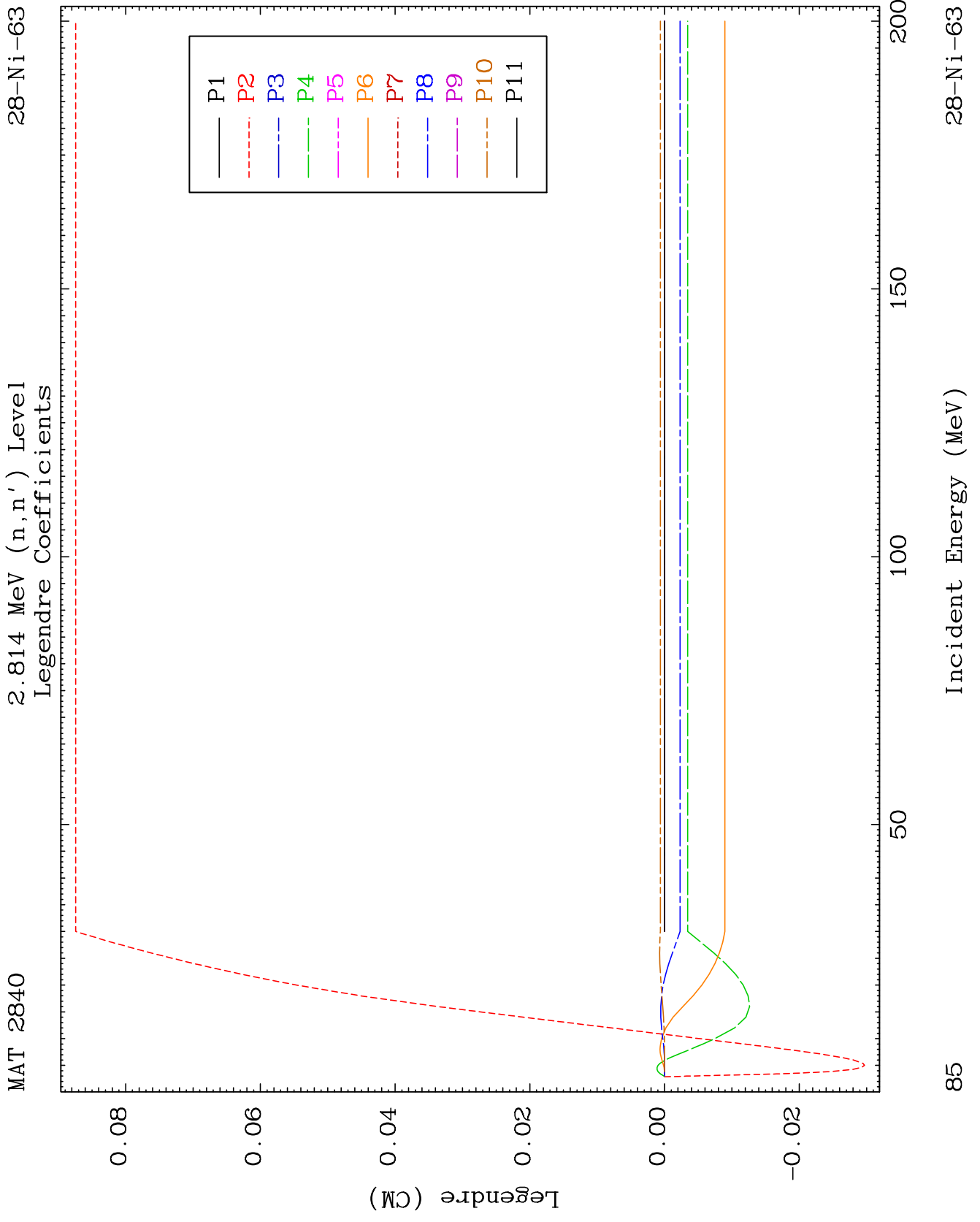


83

Incident Energy (MeV)

28-Ni-63

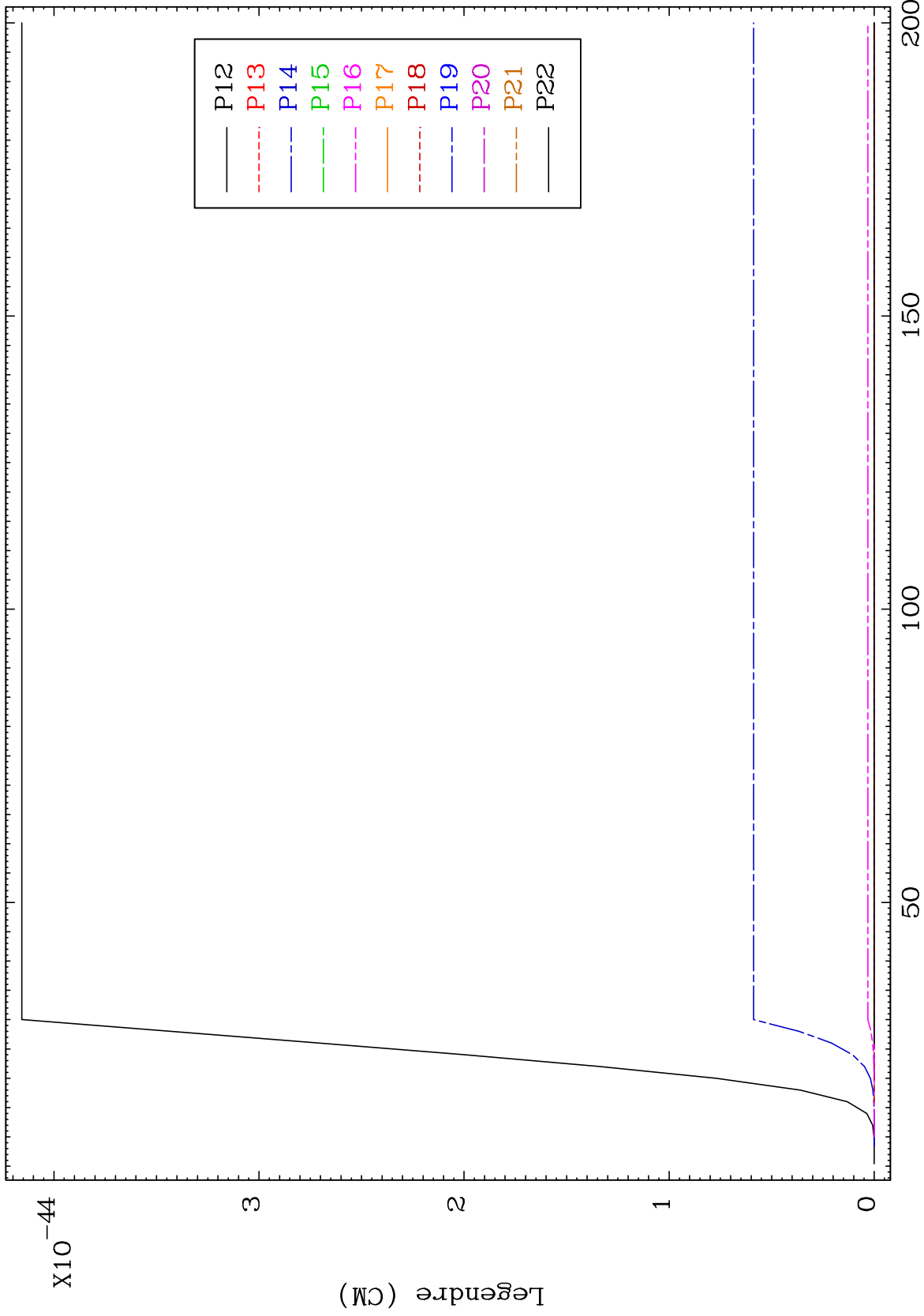




MAT 2840

2.814 MeV (n,n') Level
Legendre Coefficients

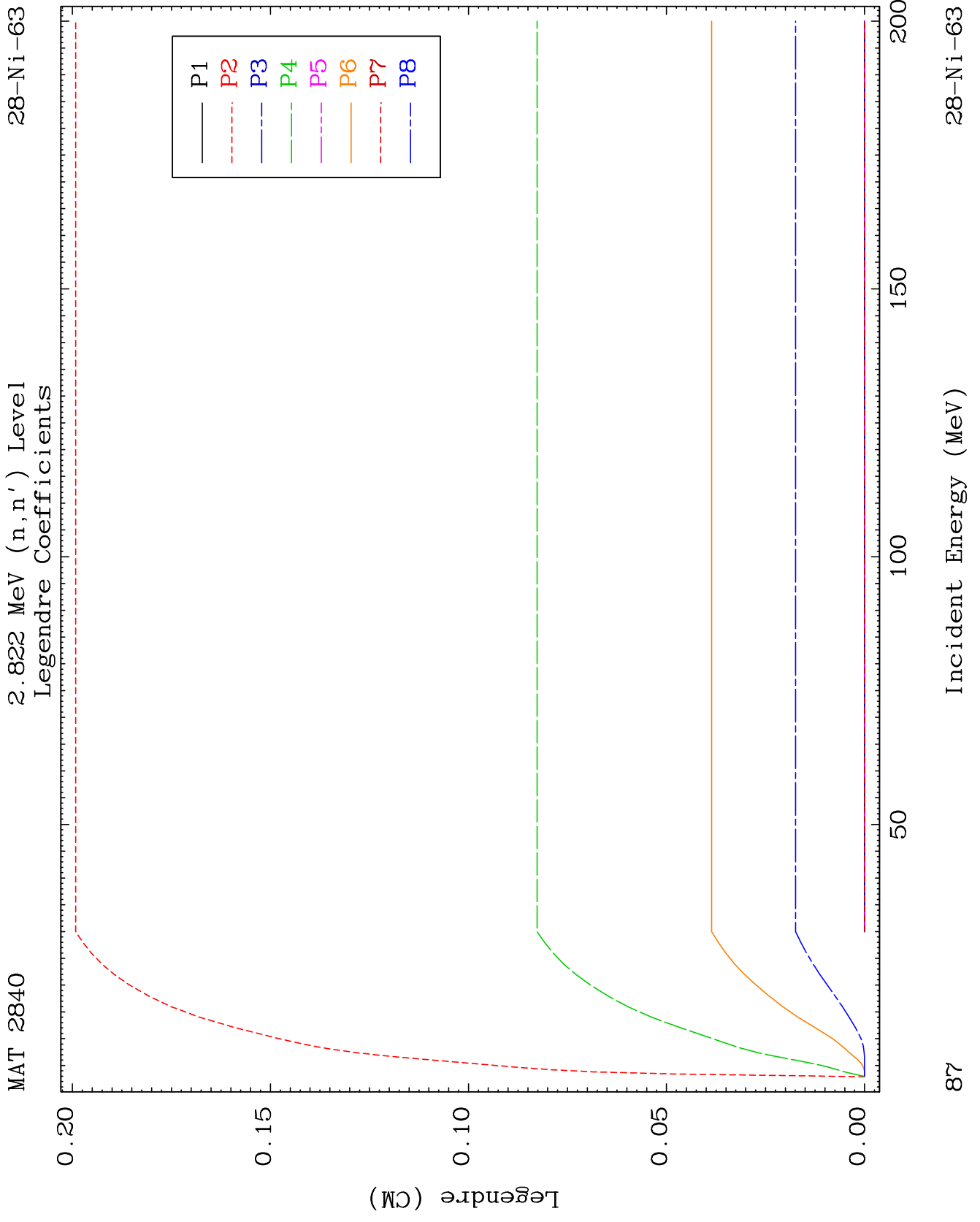
28-Ni-63

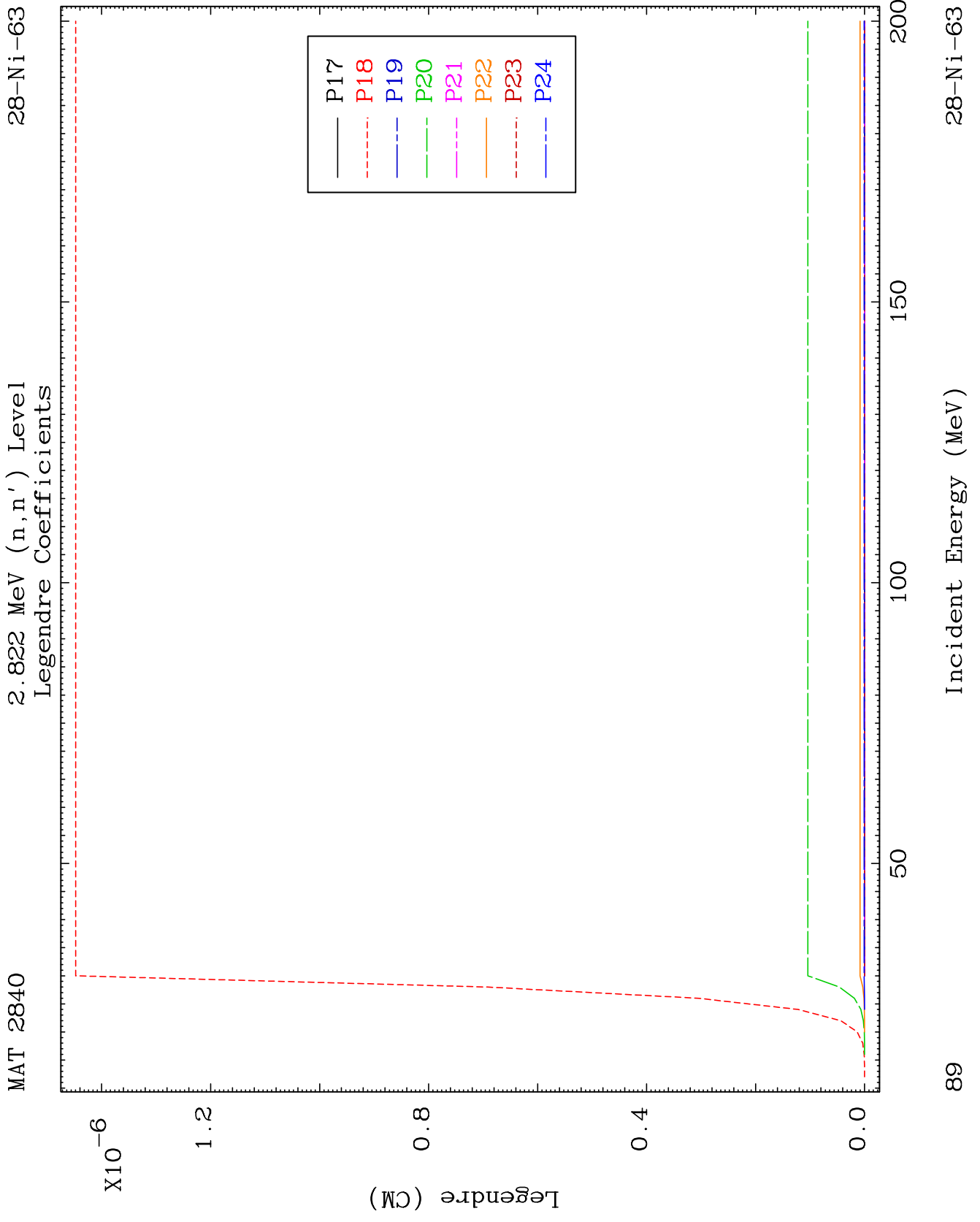


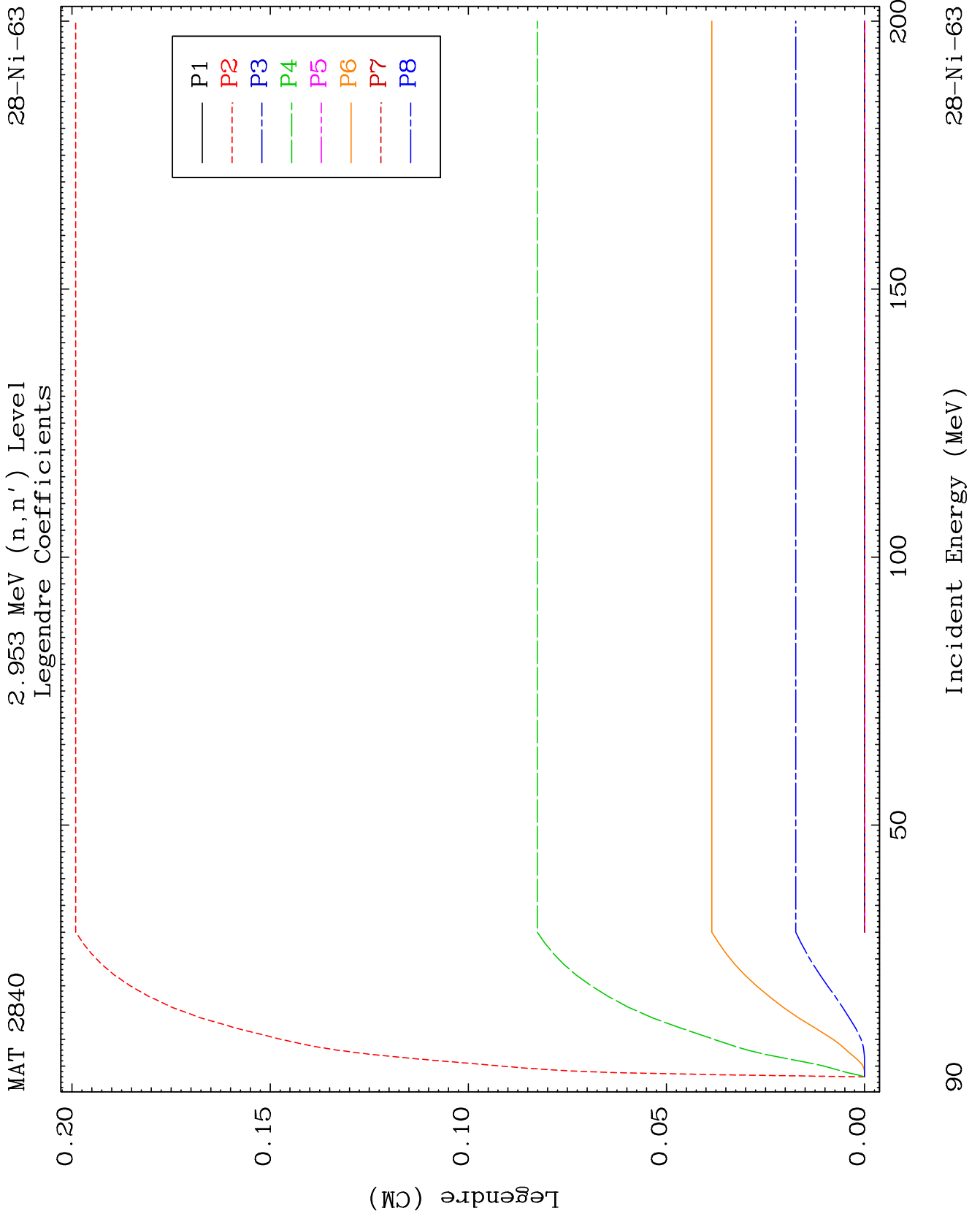
86

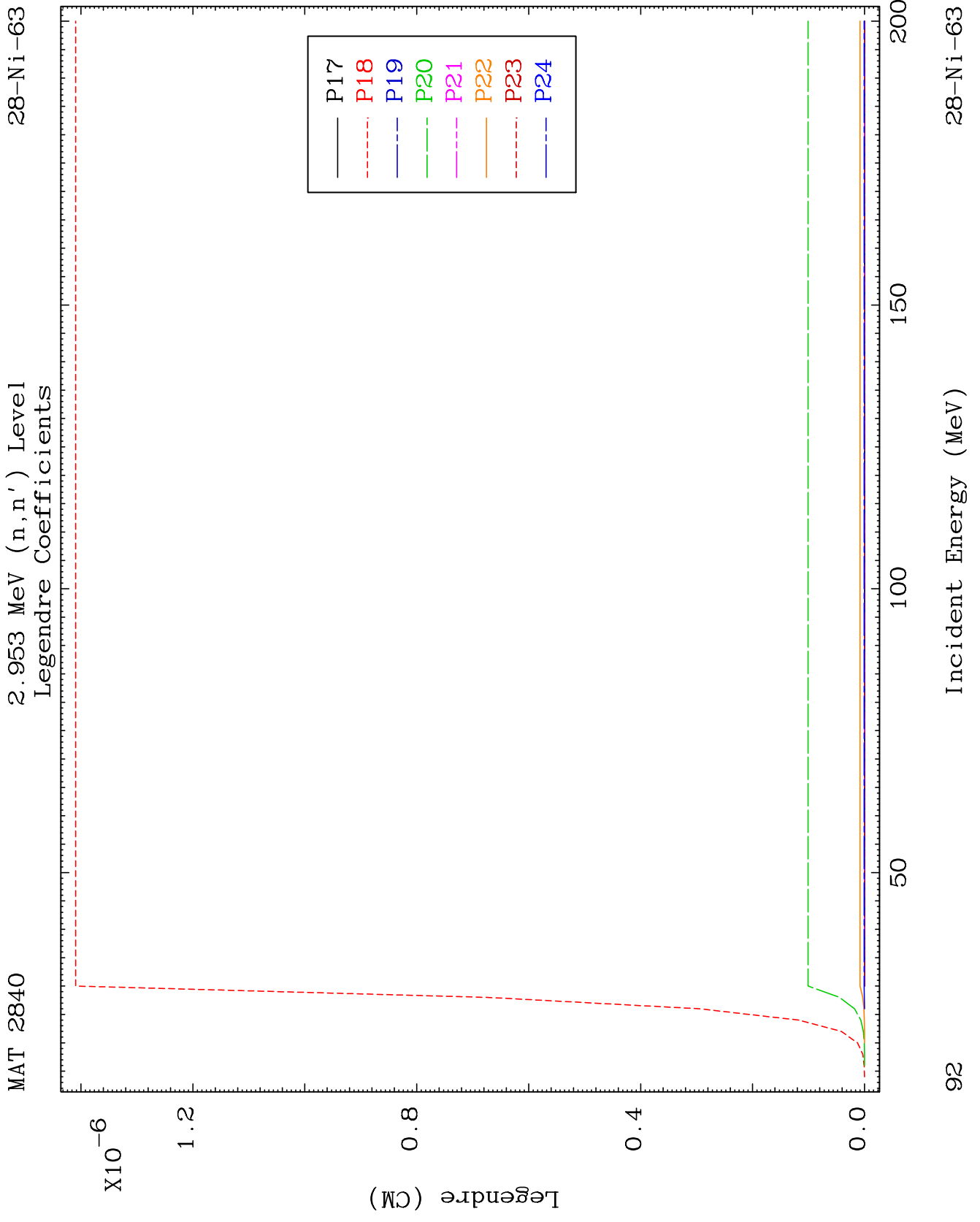
Incident Energy (MeV)

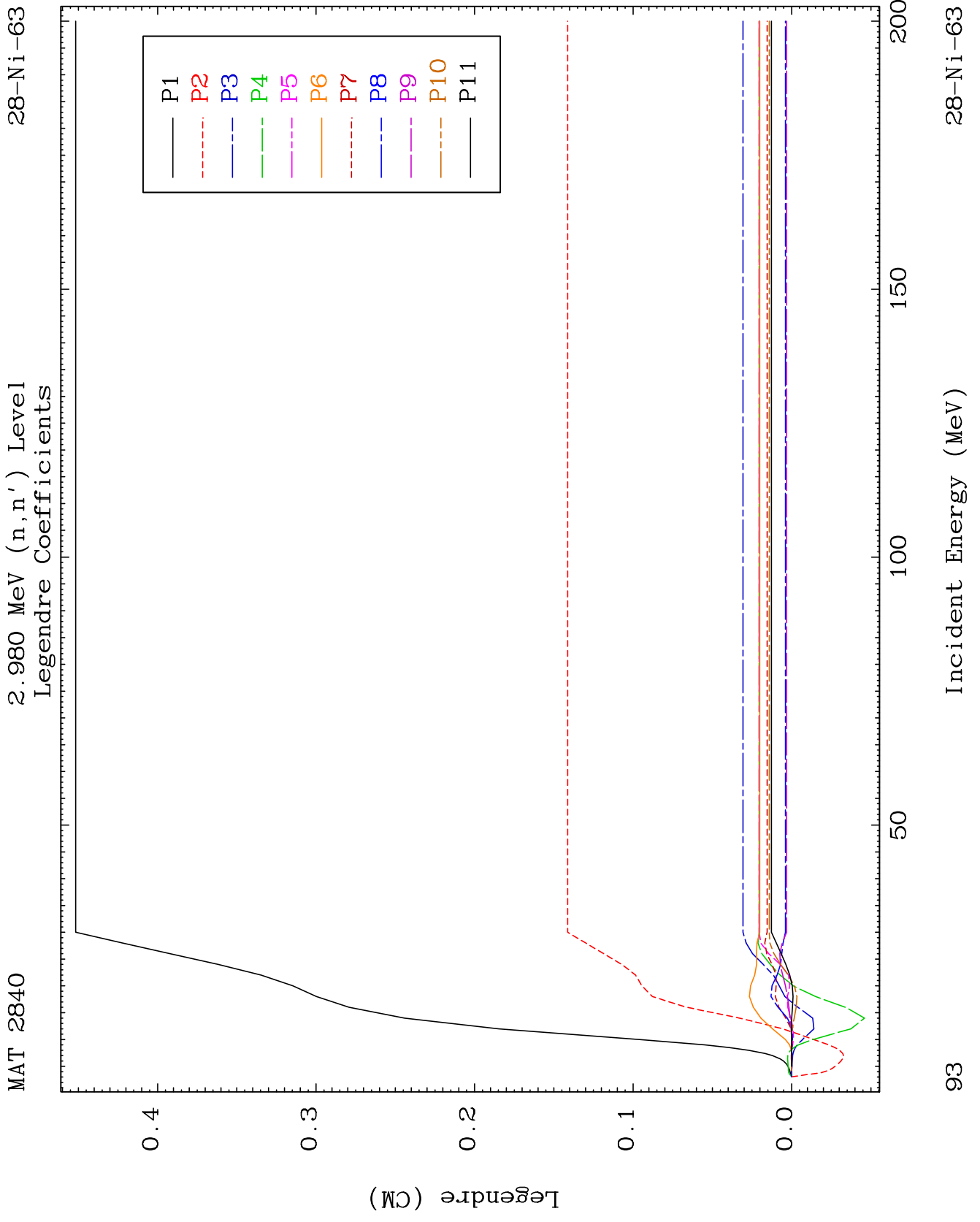
28-Ni-63







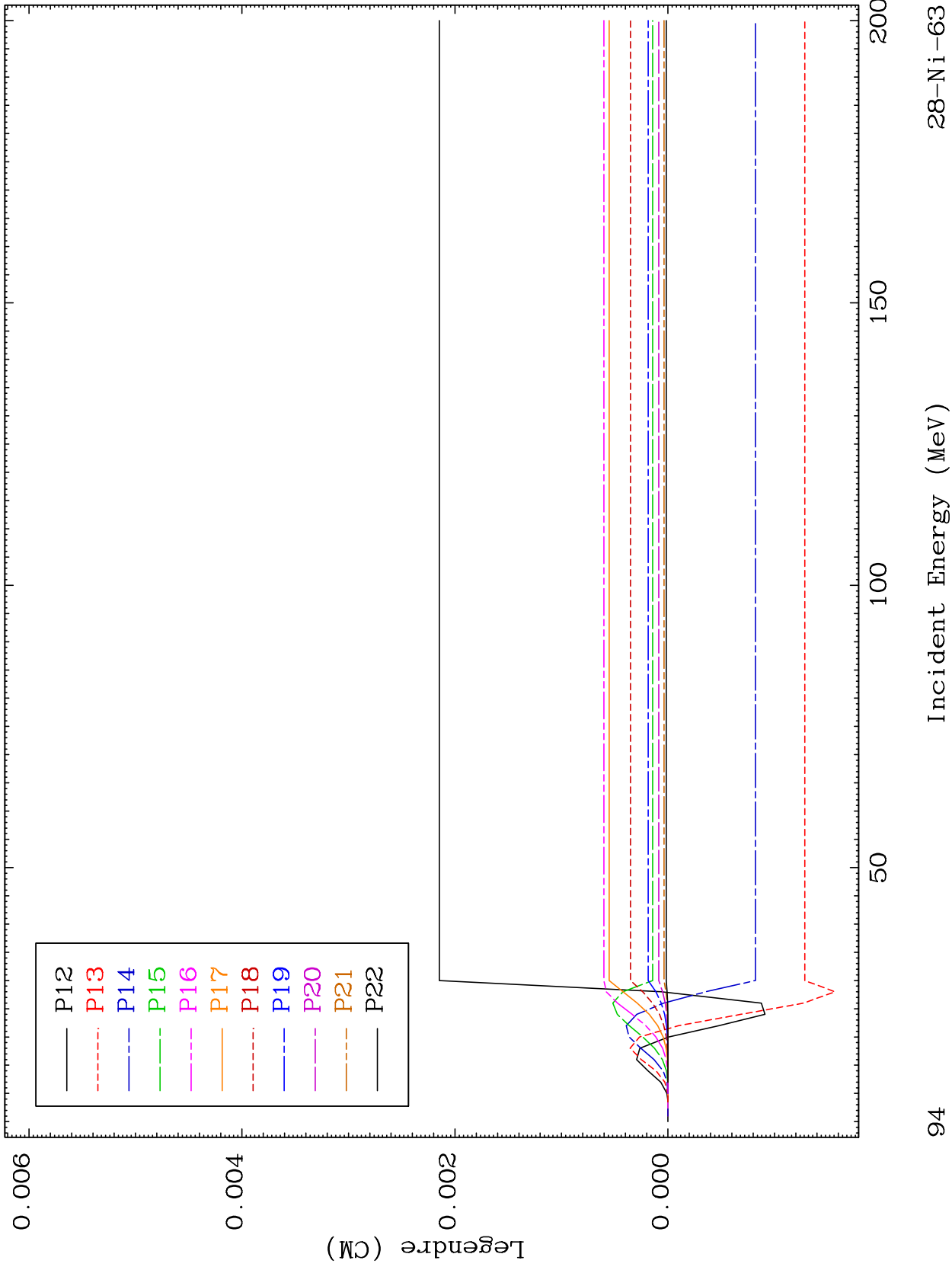




MAT 2840

2.980 MeV (n,n') Level
Legendre Coefficients

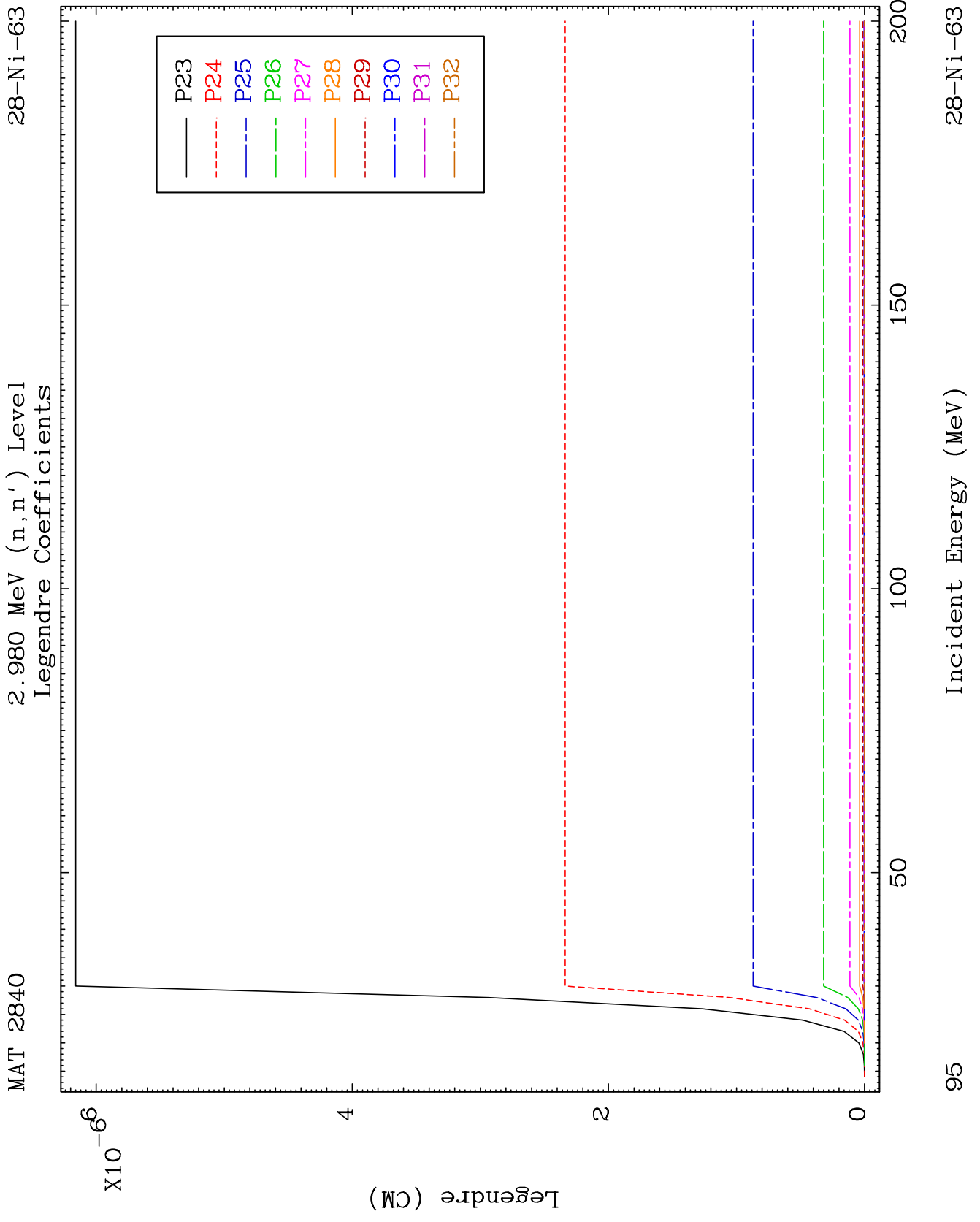
28-Ni-63

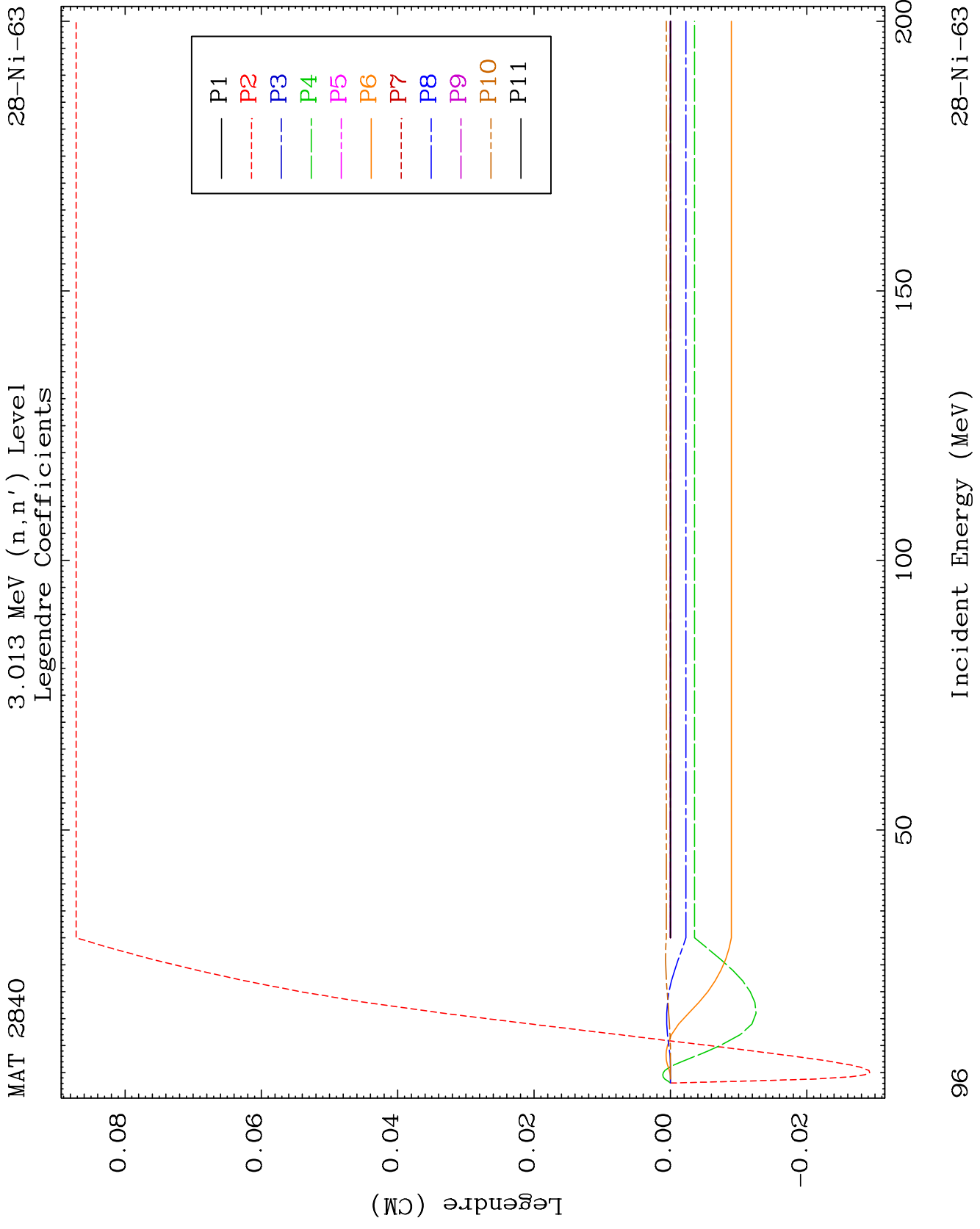


94

Incident Energy (MeV)

28-Ni-63

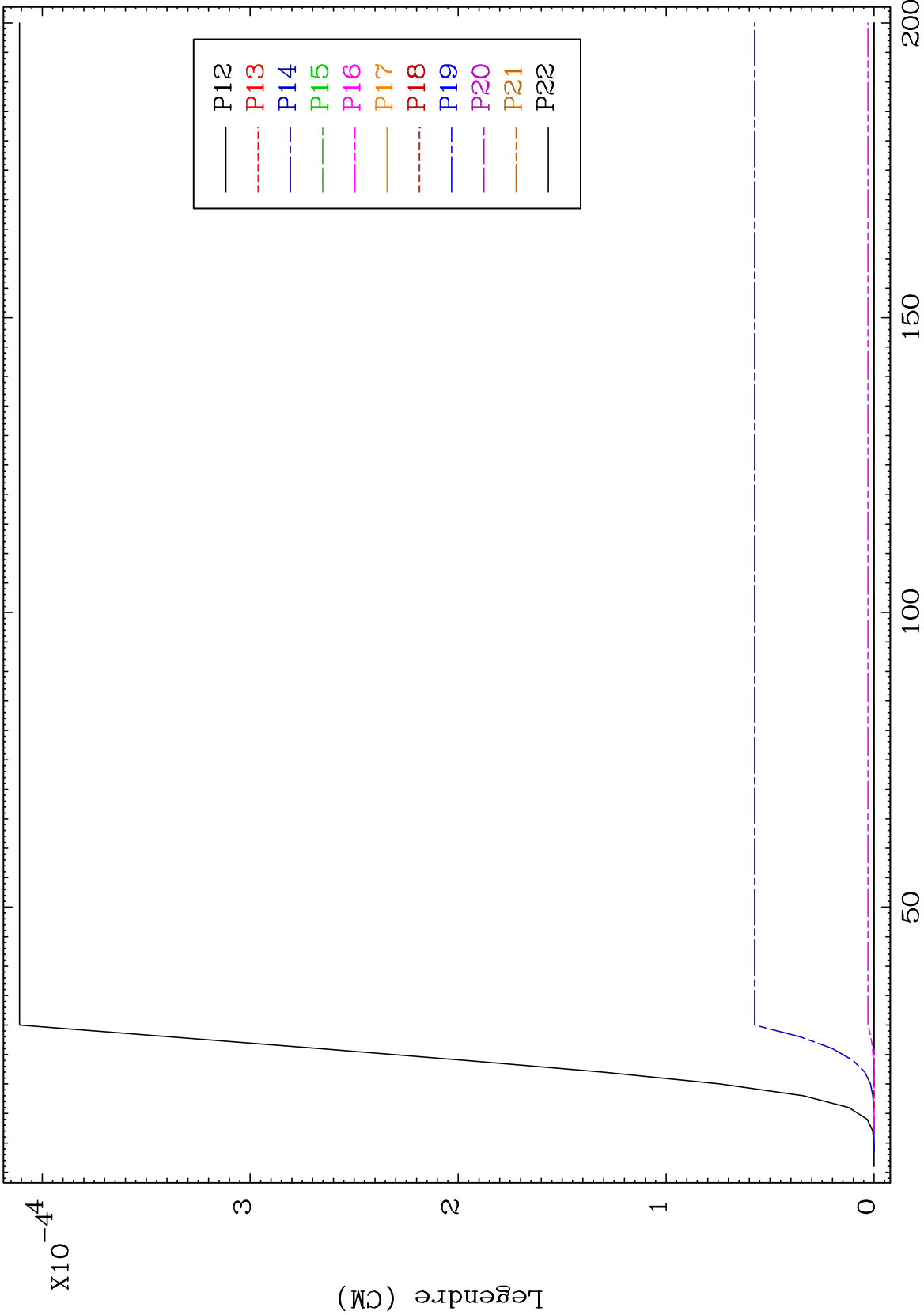




MAT 2840

3.013 MeV (n,n') Level
Legendre Coefficients

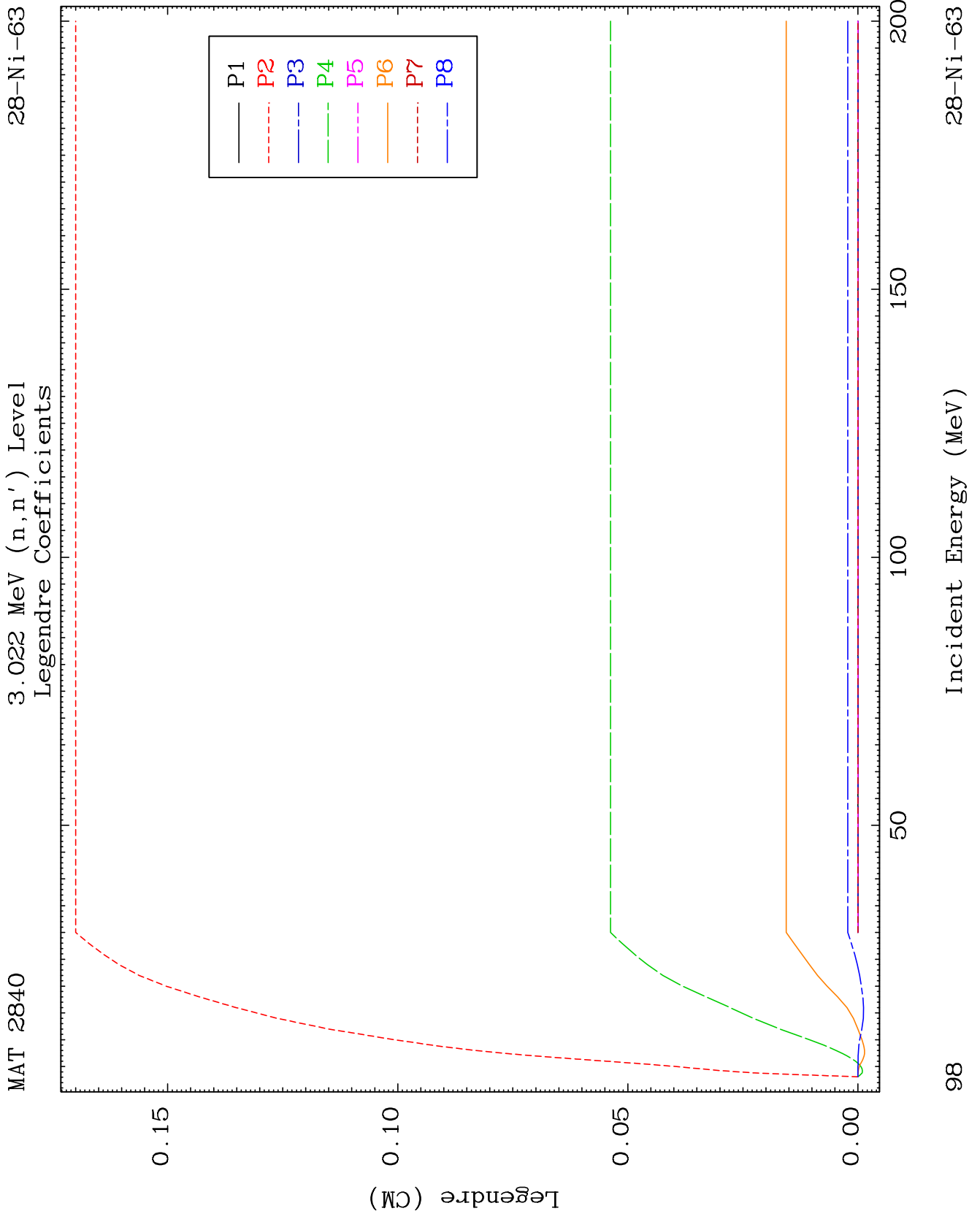
28-Ni-63

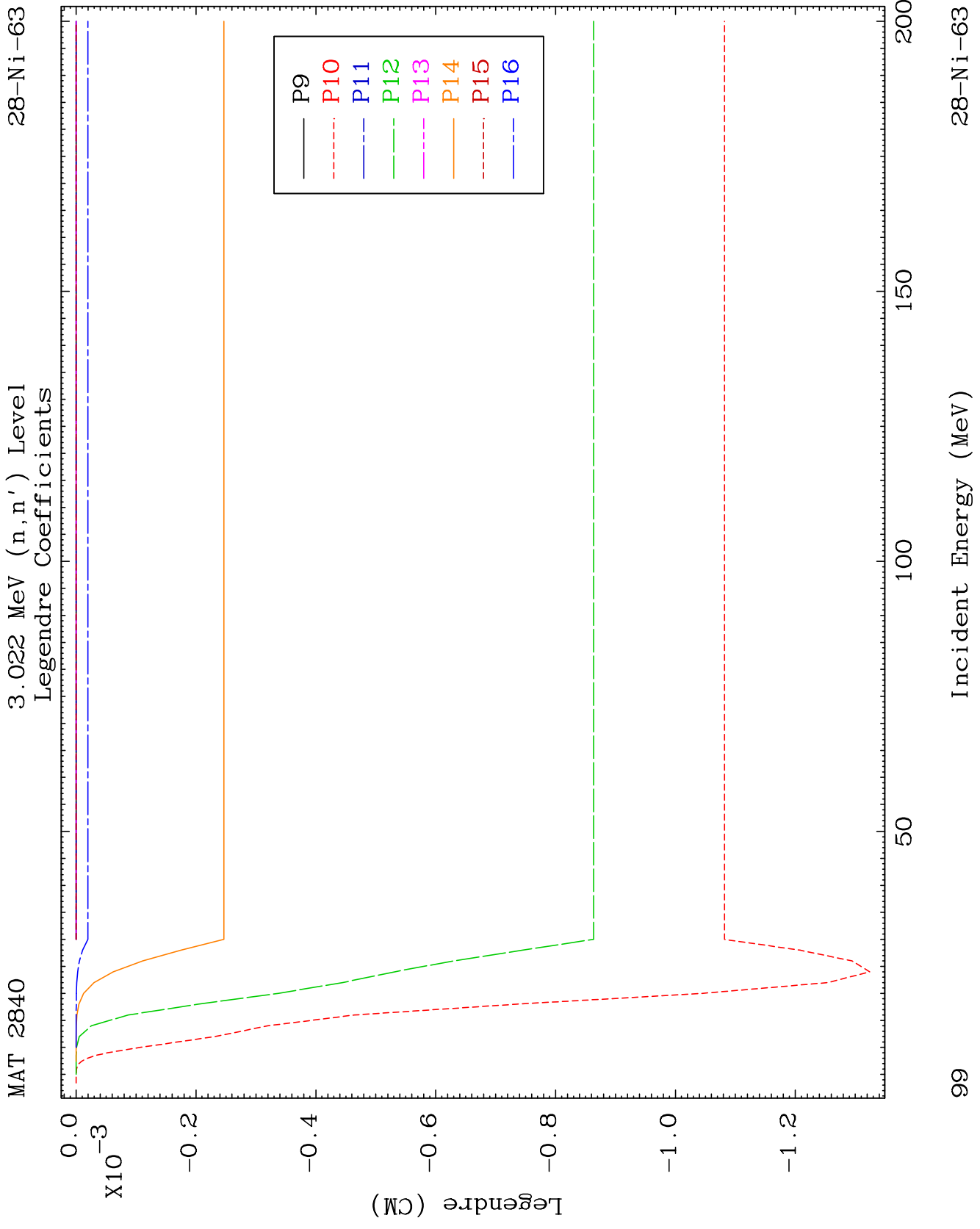


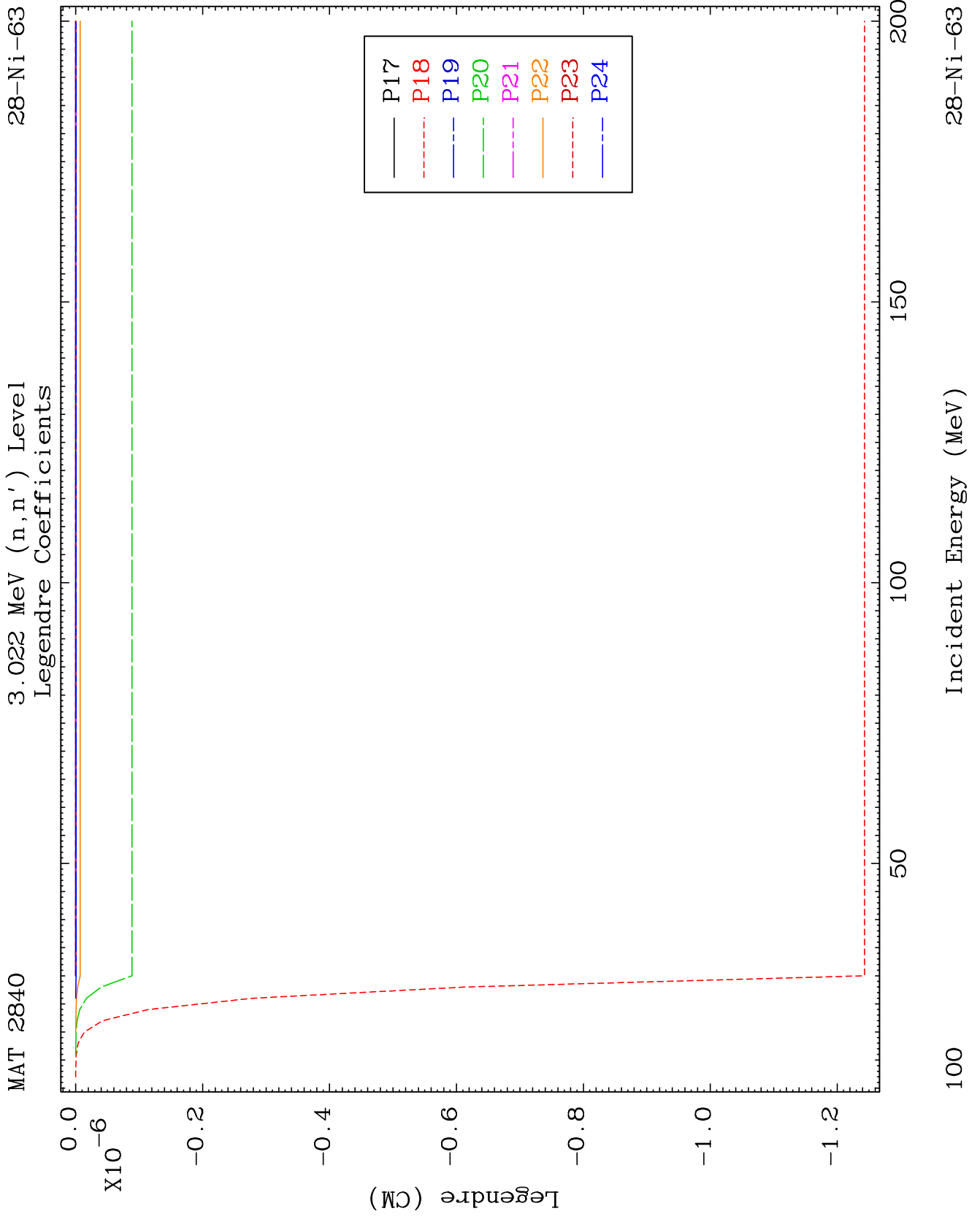
97

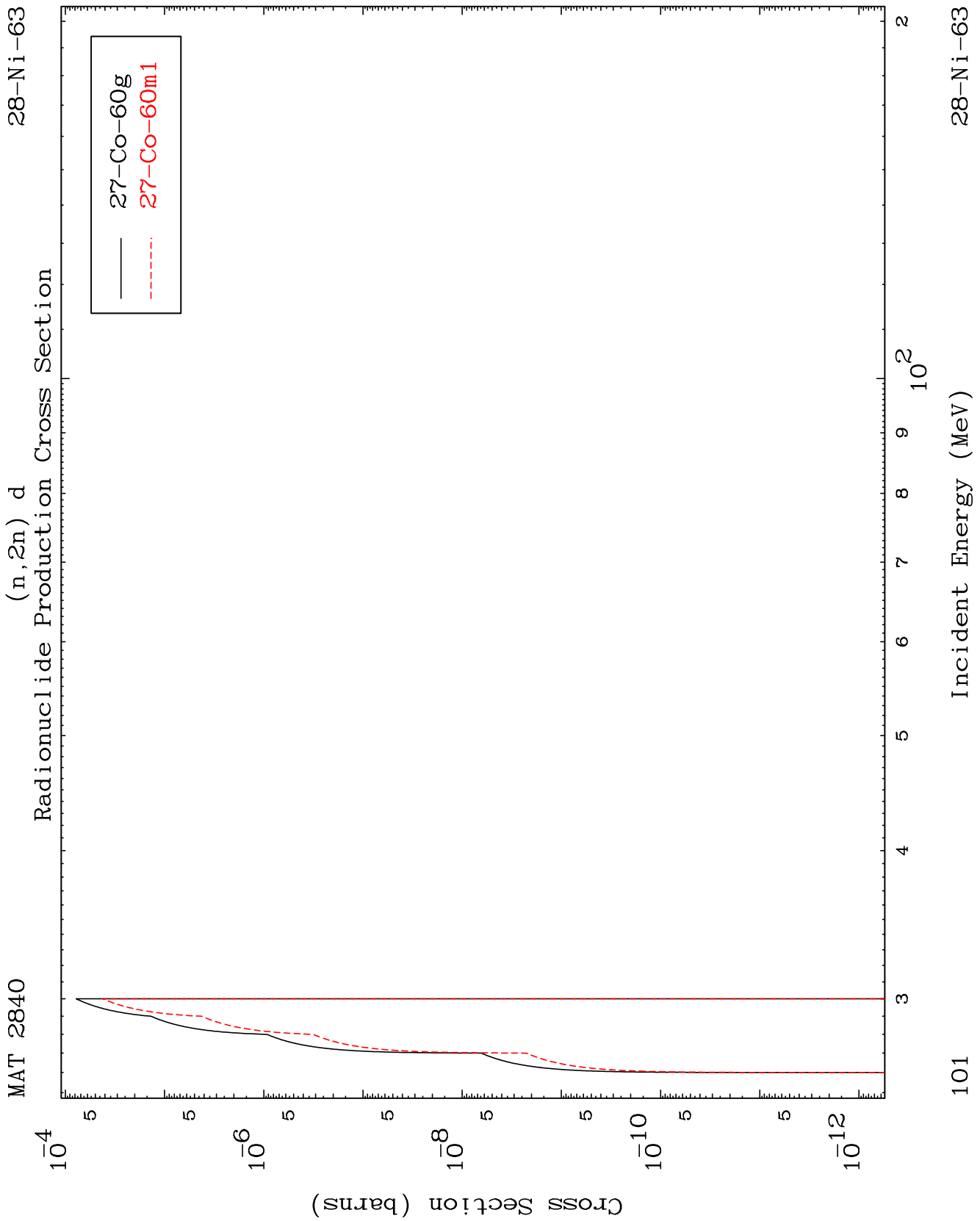
Incident Energy (MeV)

28-Ni-63

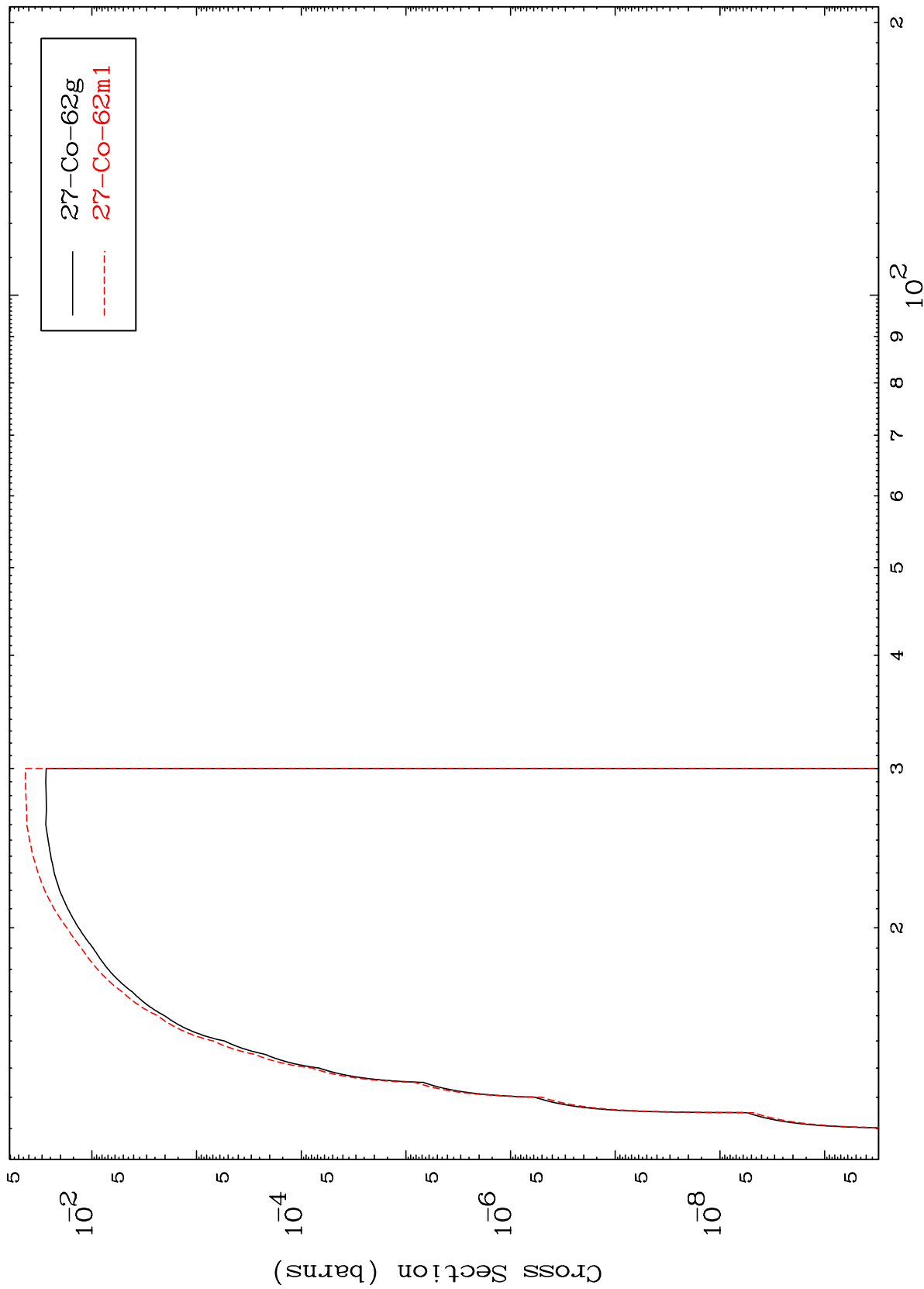








Radionuclide Production Cross Section

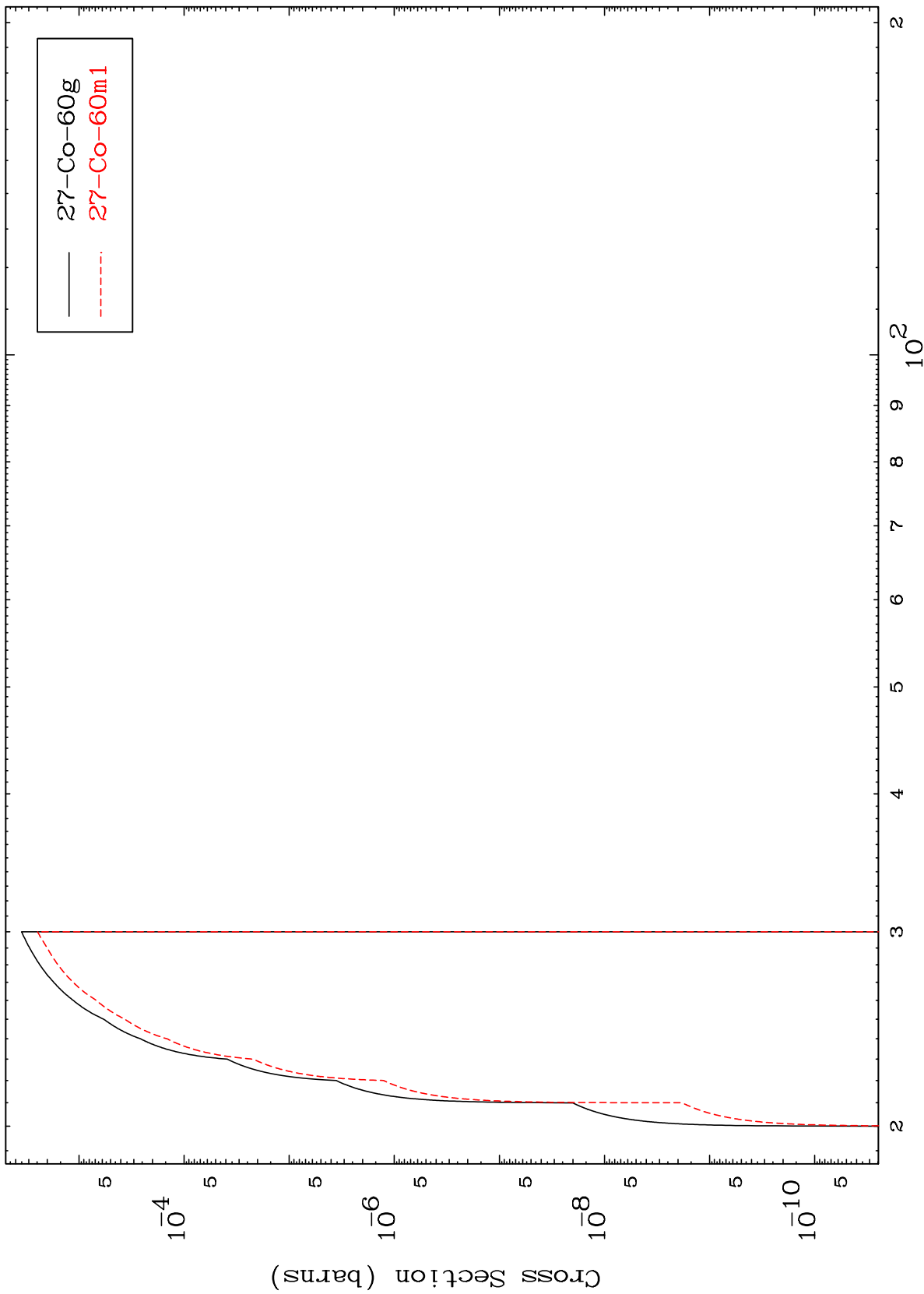


MAT 2840

(n,n') t

28-Ni-63

Radionuclide Production Cross Section



103

Incident Energy (MeV)

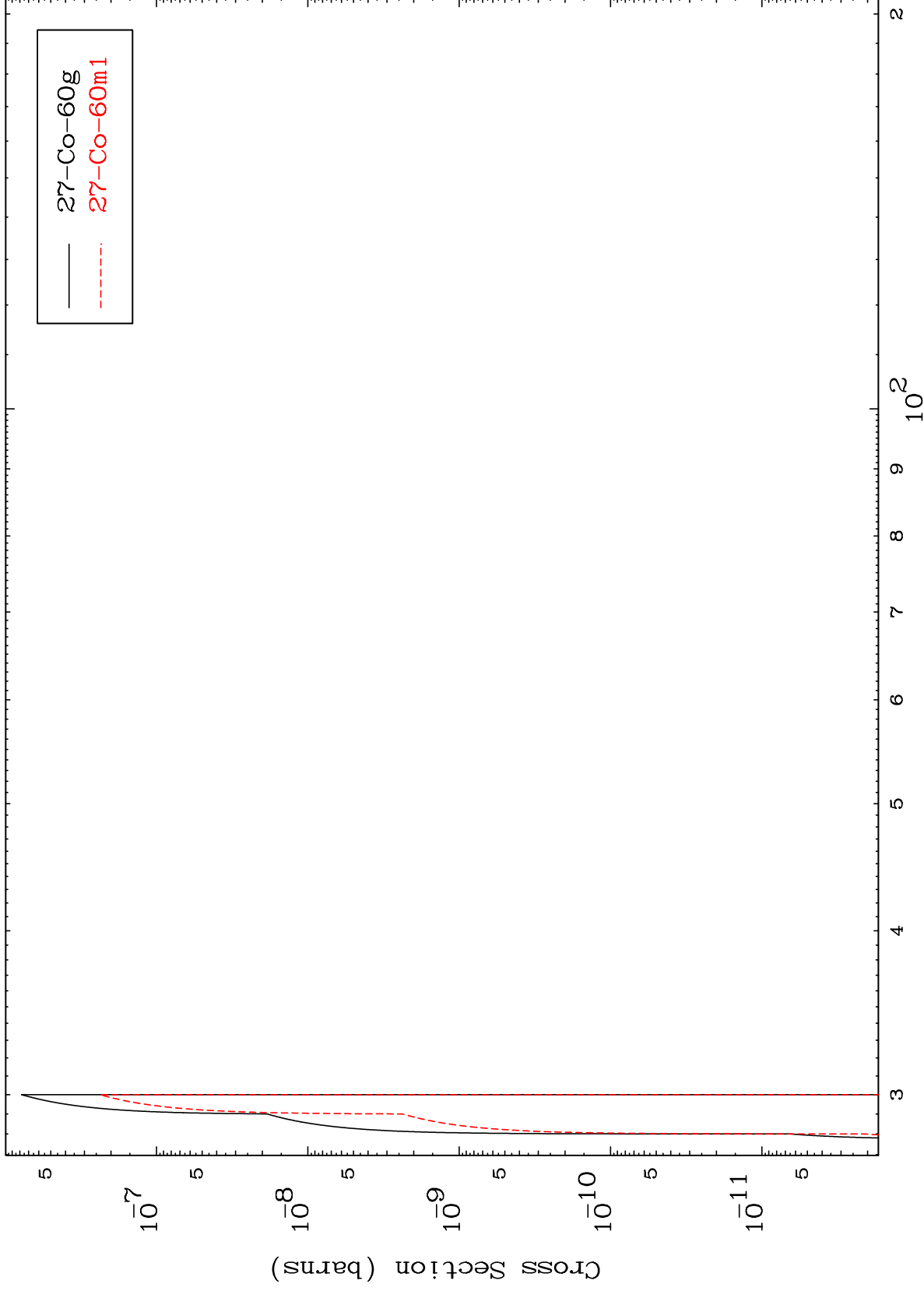
28-Ni-63

MAT 2840

(n,3n) p

28-Ni-63

Radionuclide Production Cross Section



104

Incident Energy (MeV)

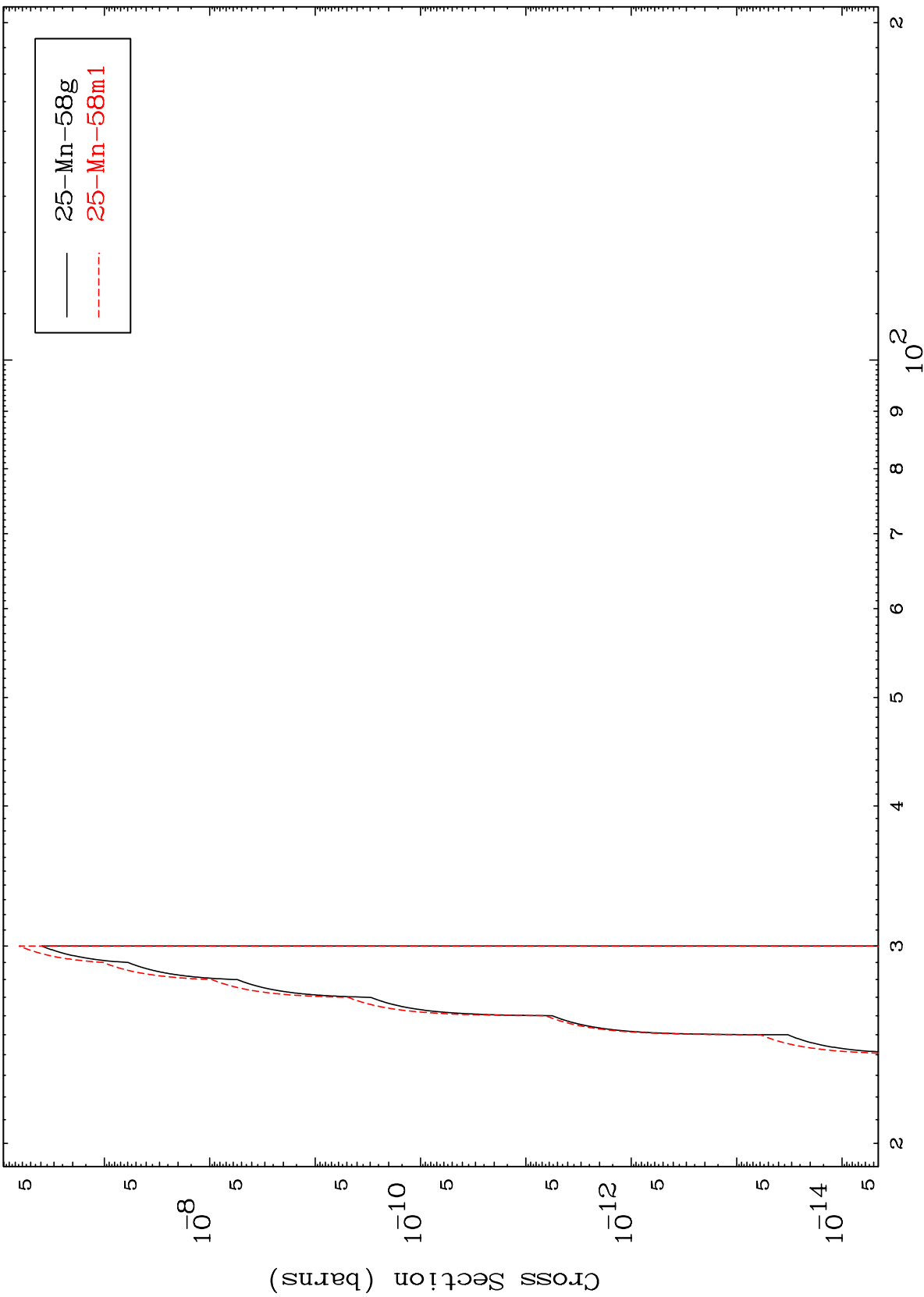
28-Ni-63

MAT 2840

(n,n') p α

28-Ni-63

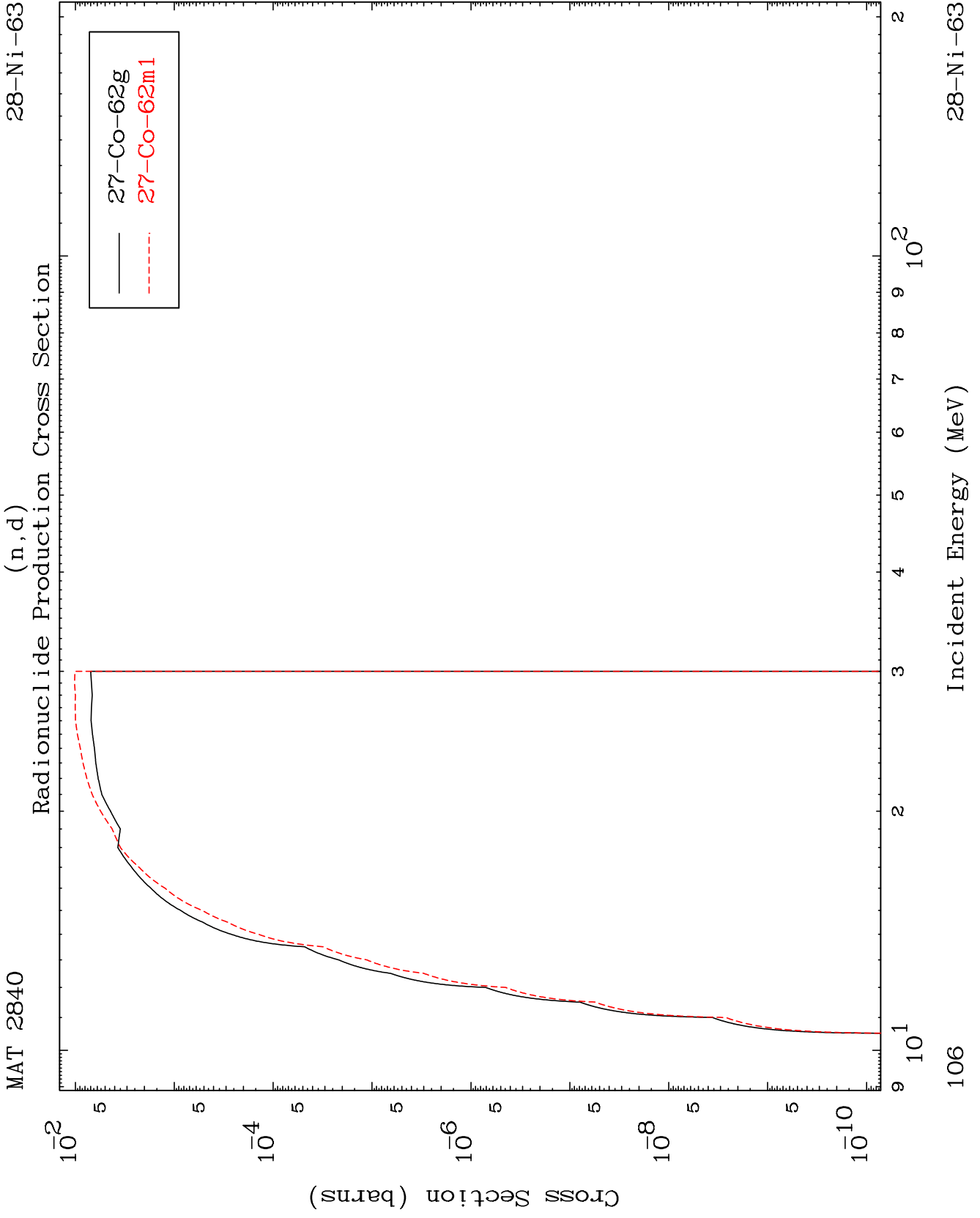
Radionuclide Production Cross Section



105

Incident Energy (MeV)

28-Ni-63

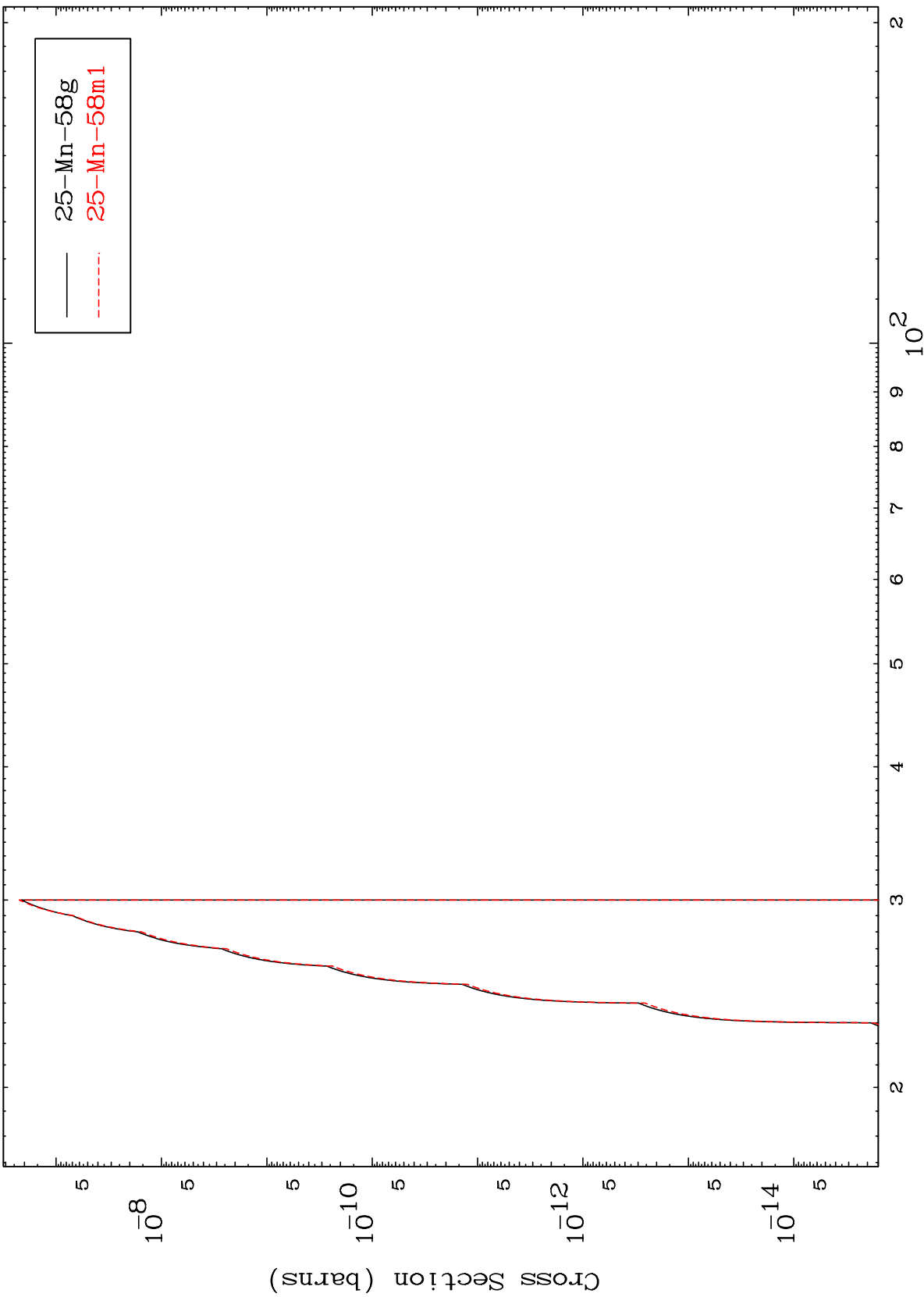


MAT 2840

(n,d) α

28-Ni-63

Radionuclide Production Cross Section



107

Incident Energy (MeV)

28-Ni-63