

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

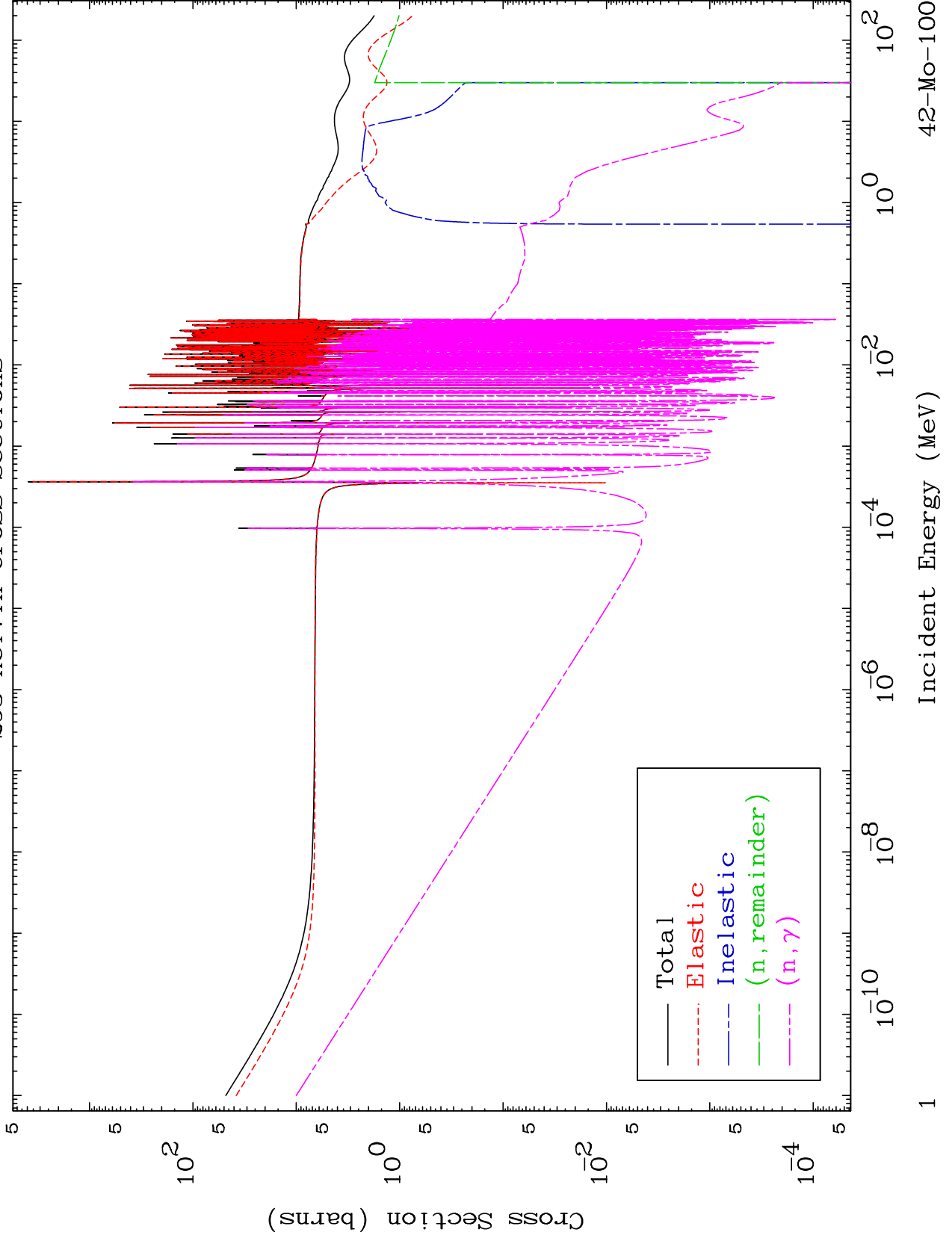
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

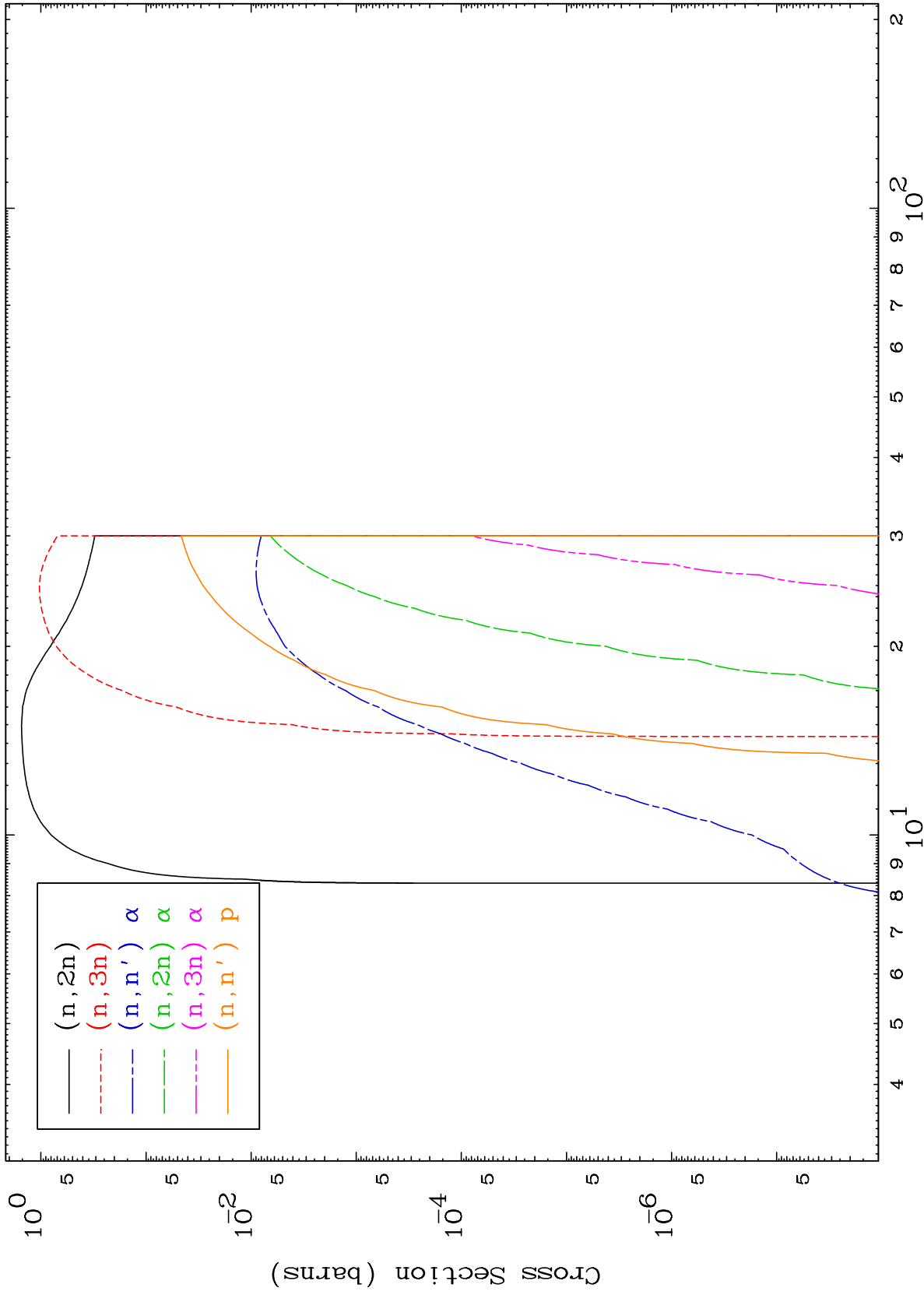
Press Mouse Button to Start

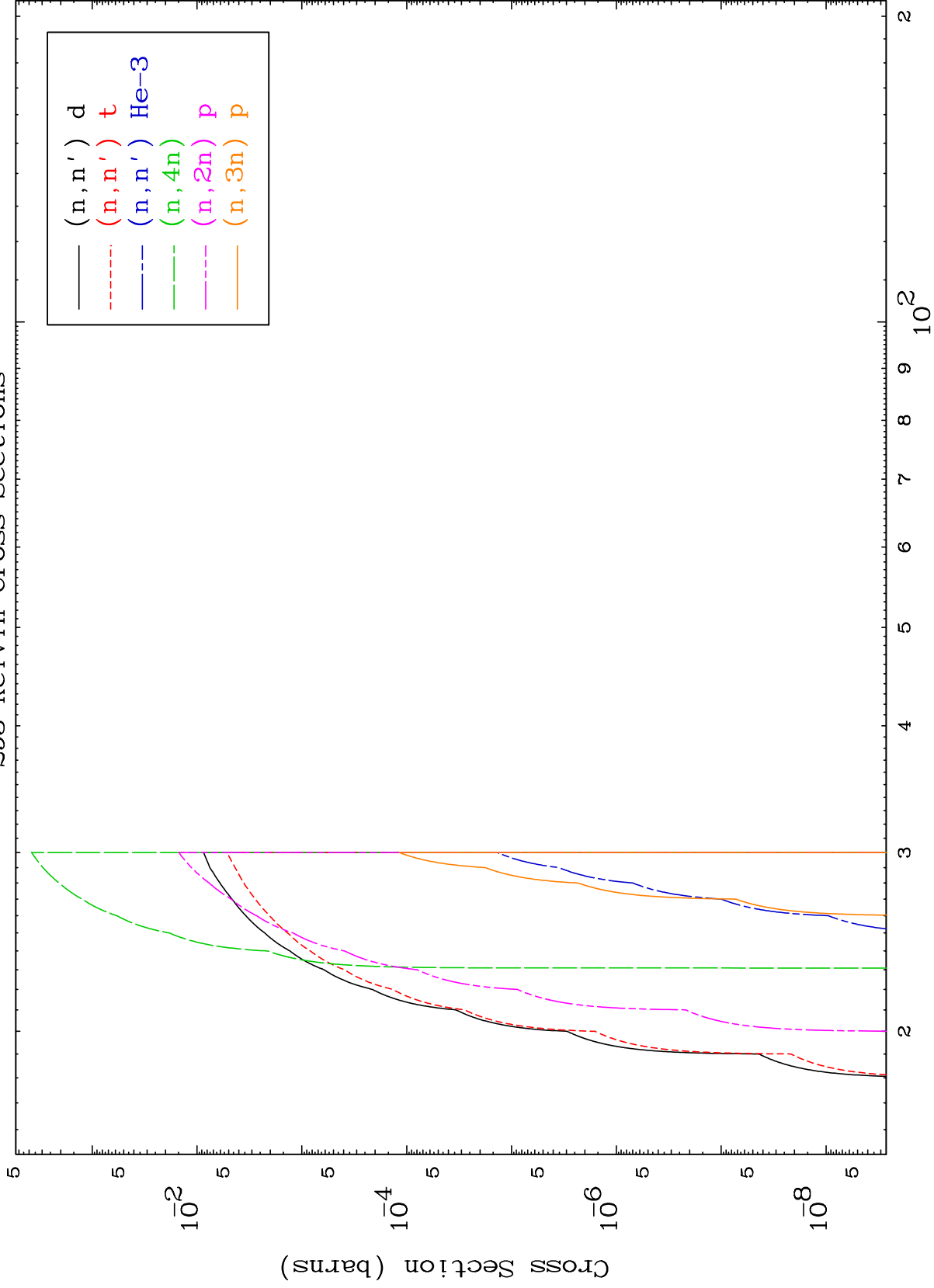
MAT 4249

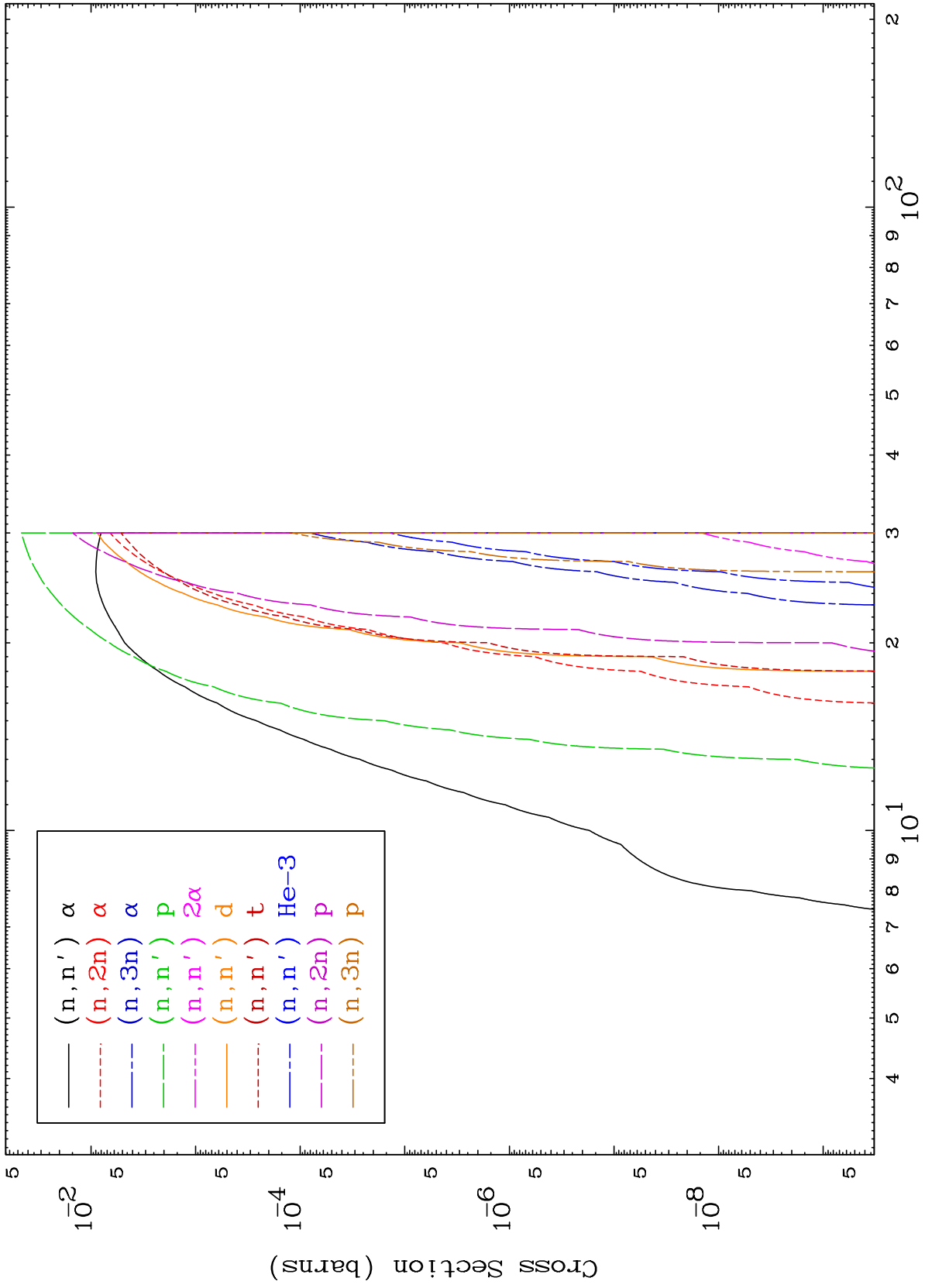
Major
293 Kelvin Cross Sections

42-Mo-100





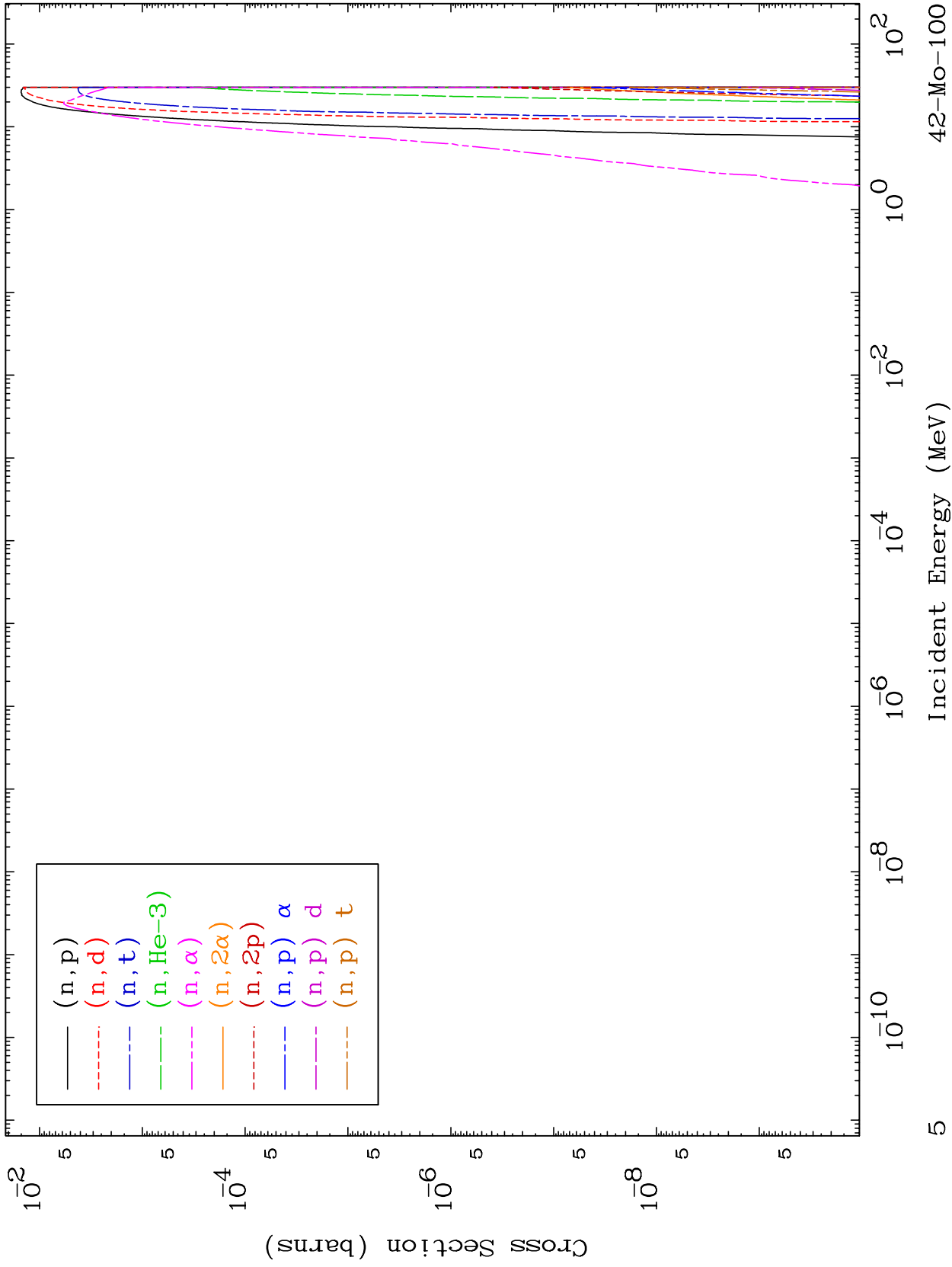




MAT 4249

Charged Particle
293 Kelvin Cross Sections

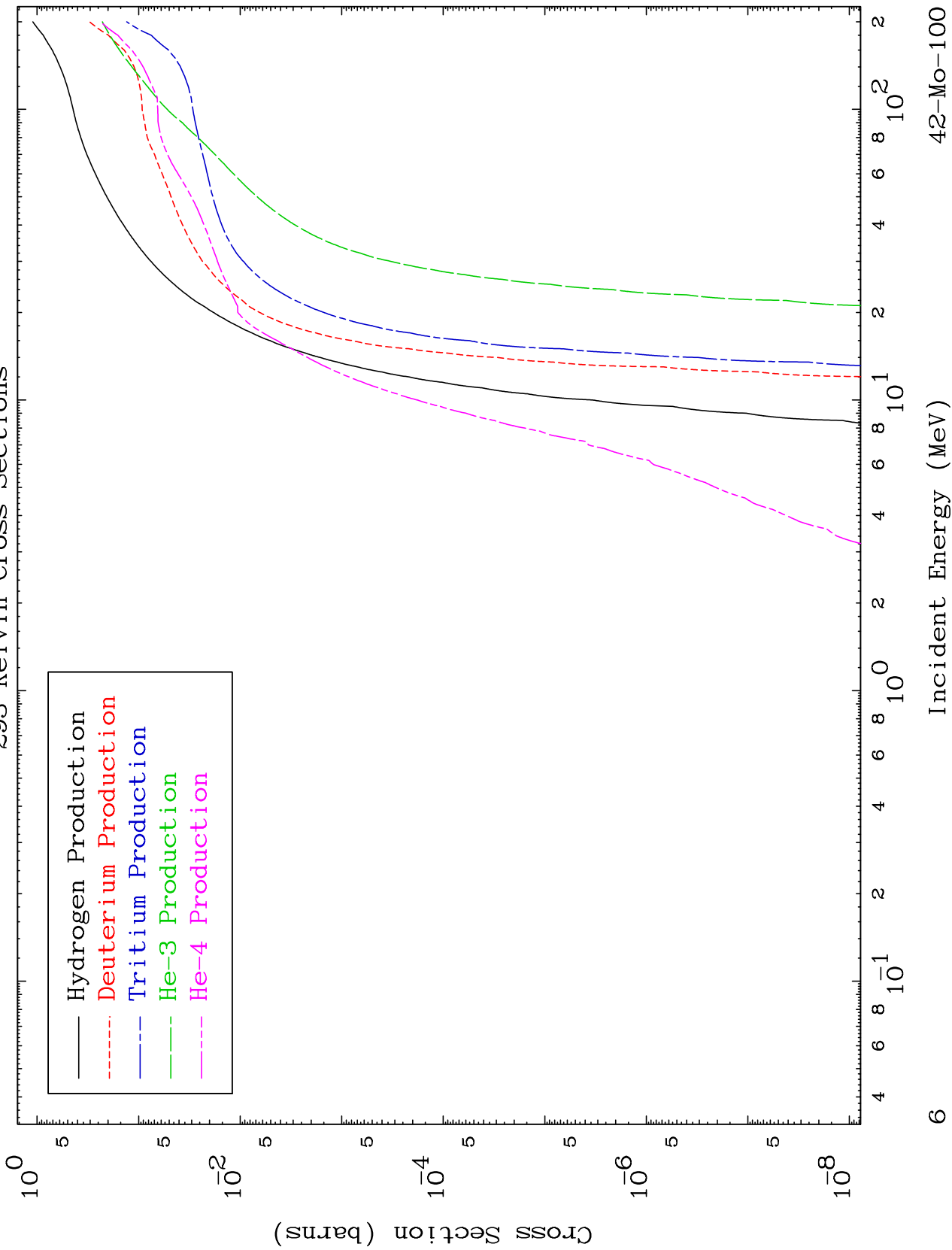
42-Mo-100



MAT 4249

Particle Production
293 Kelvin Cross Sections

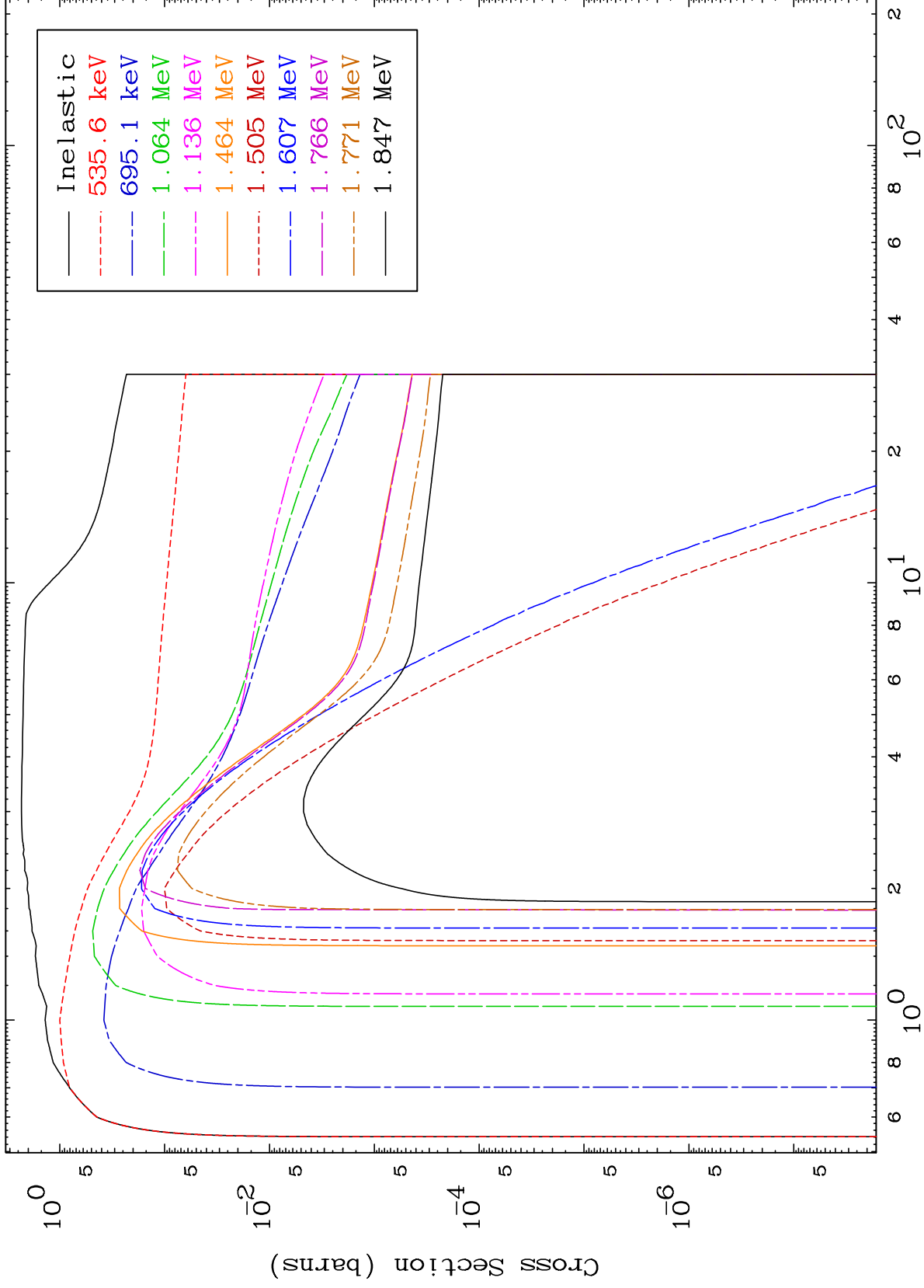
42-Mo-100



MAT 4249

(n,n') Level
293 Kelvin Cross Sections

42-Mo-100



7

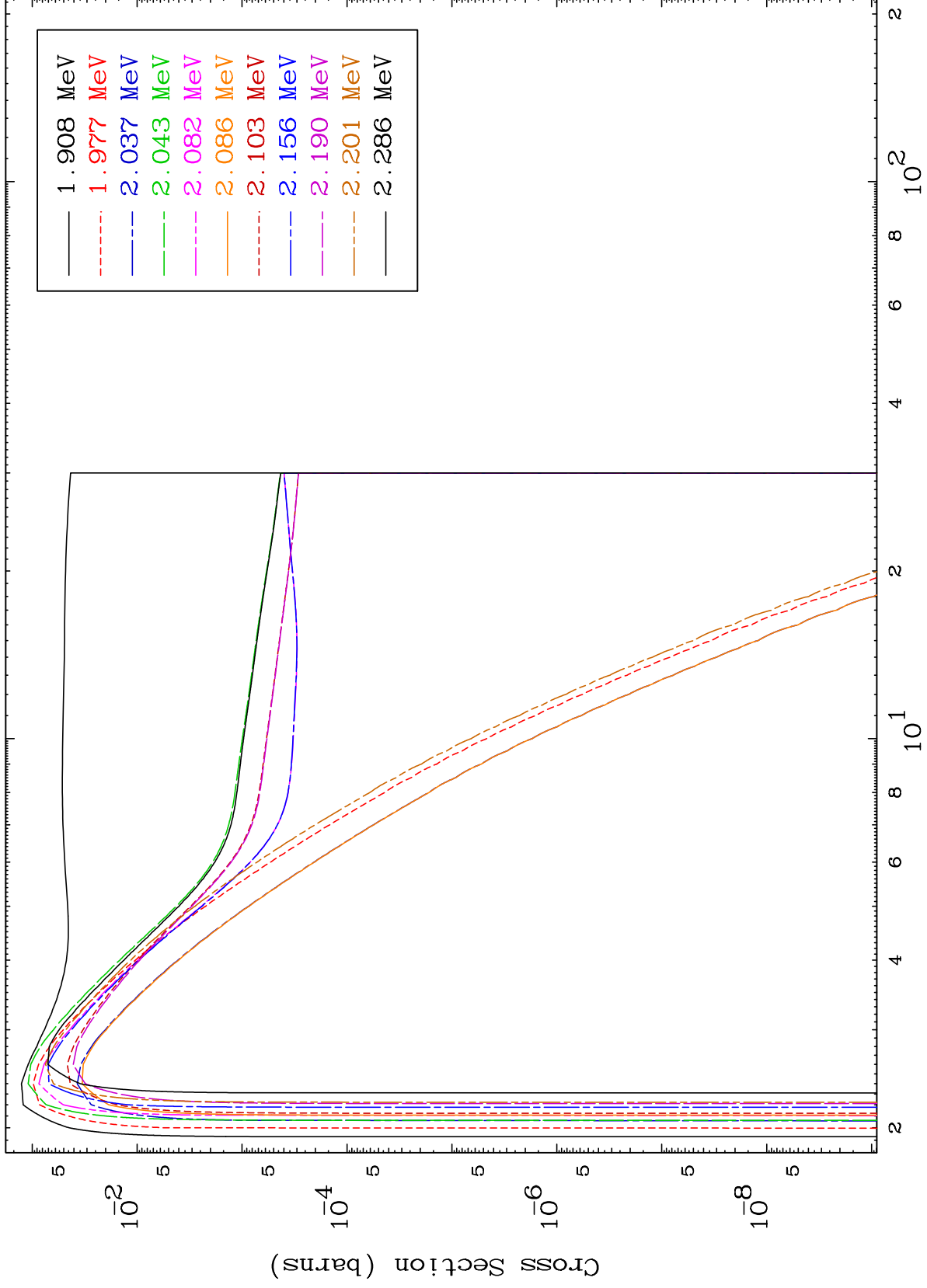
Incident Energy (MeV)

42-Mo-100

MAT 4249

(n,n') Level
293 Kelvin Cross Sections

42-Mo-100



8

Incident Energy (MeV)

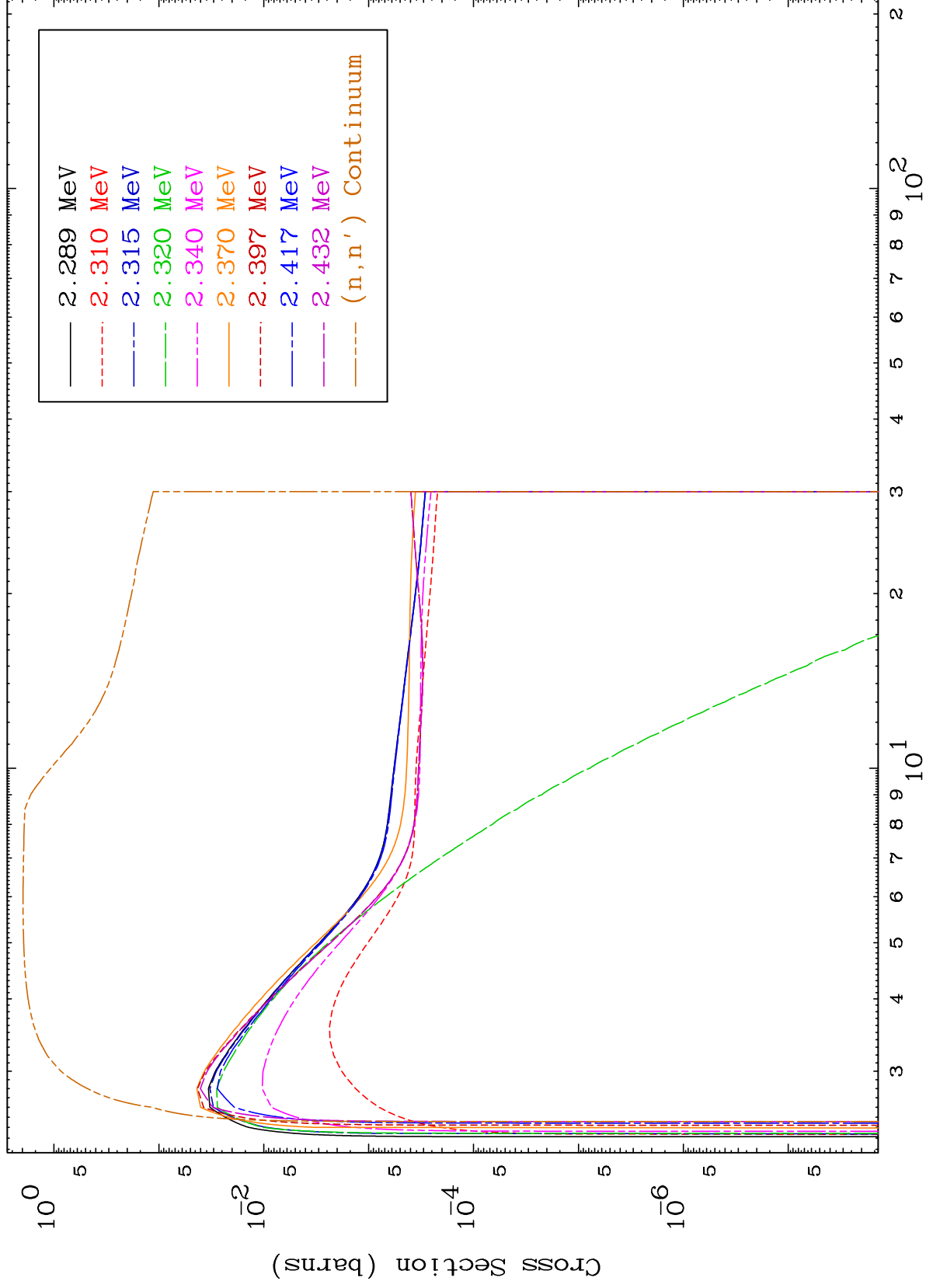
42-Mo-100

MAT 4249

(n,n') Level

42-Mo-100

293 Kelvin Cross Sections



9

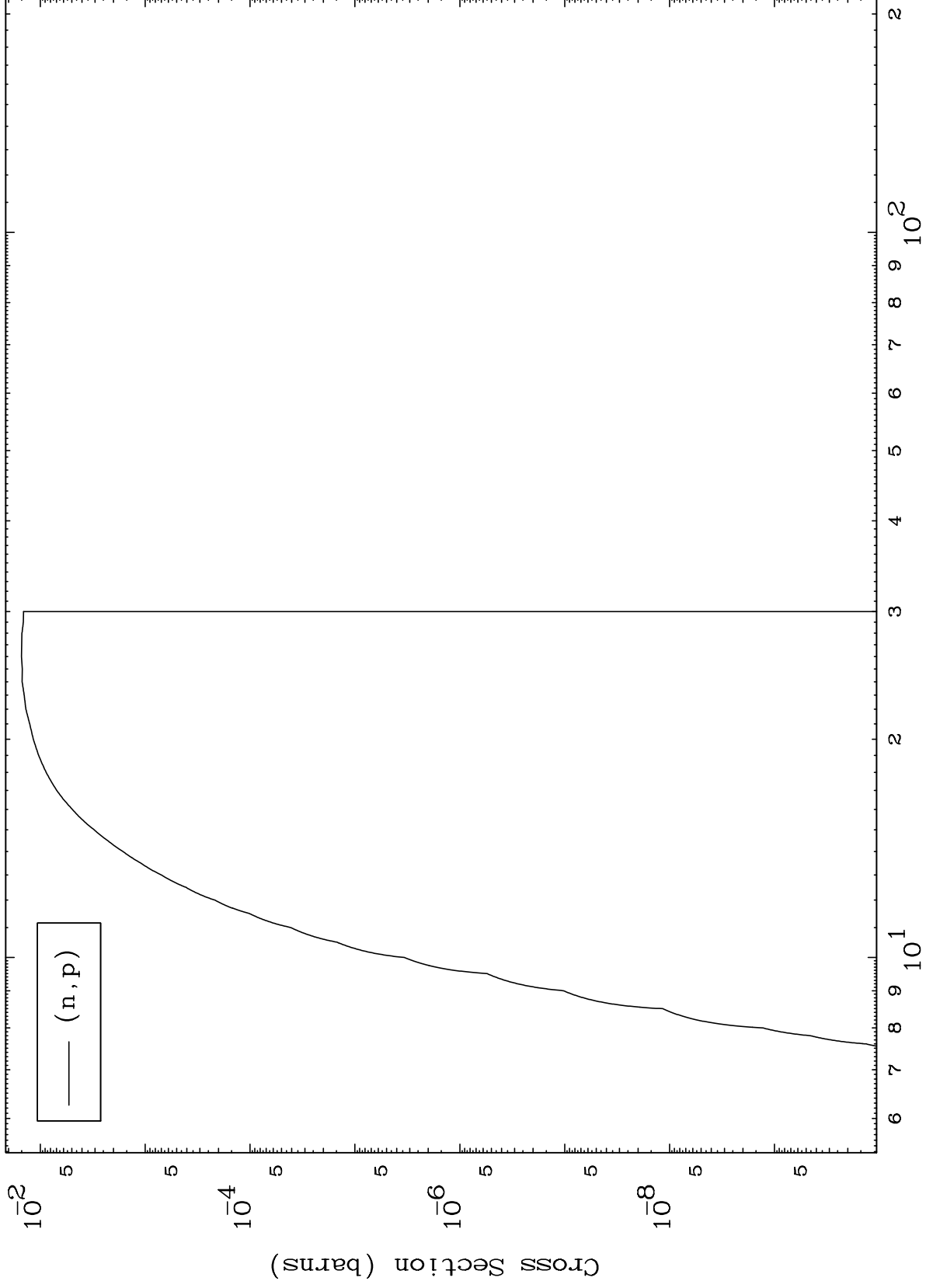
Incident Energy (MeV)

42-Mo-100

MAT 4249

(n,p) Levels
293 Kelvin Cross Sections

42-Mo-100



10

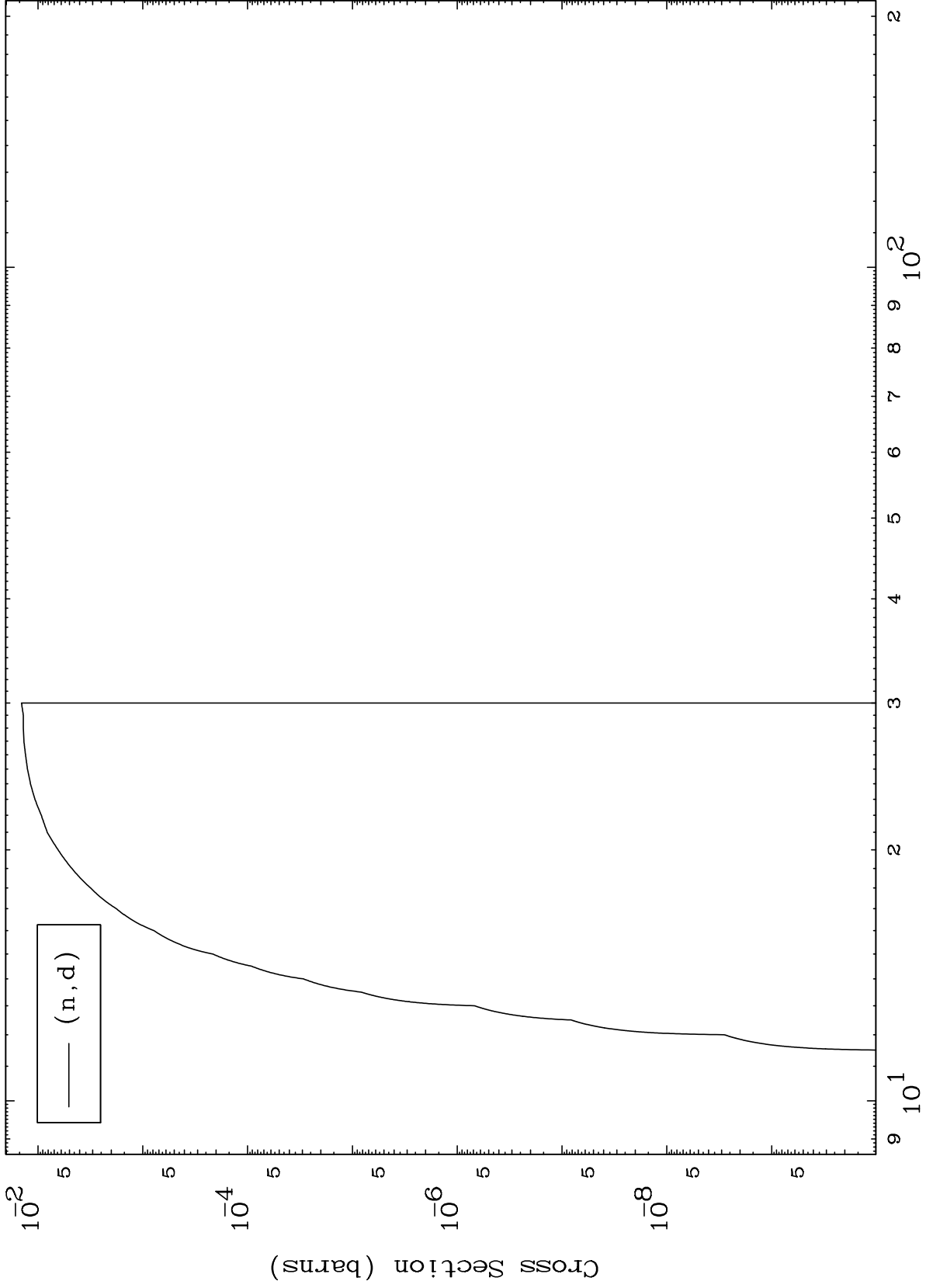
Incident Energy (MeV)

42-Mo-100

MAT 4249

(n,d) Levels
293 Kelvin Cross Sections

42-Mo-100



11

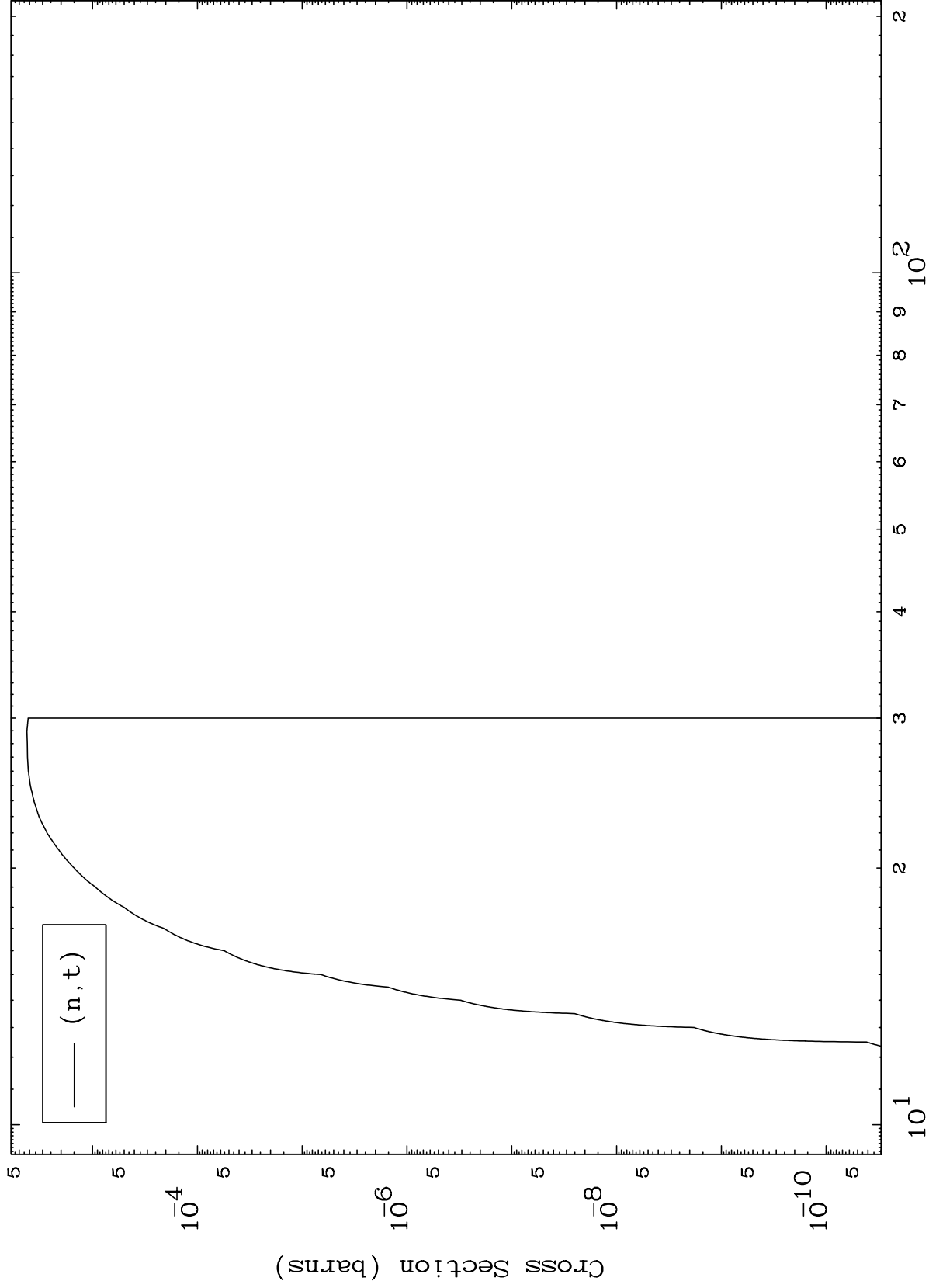
Incident Energy (MeV)

42-Mo-100

MAT 4249

(n,t) Levels
293 Kelvin Cross Sections

42-Mo-100



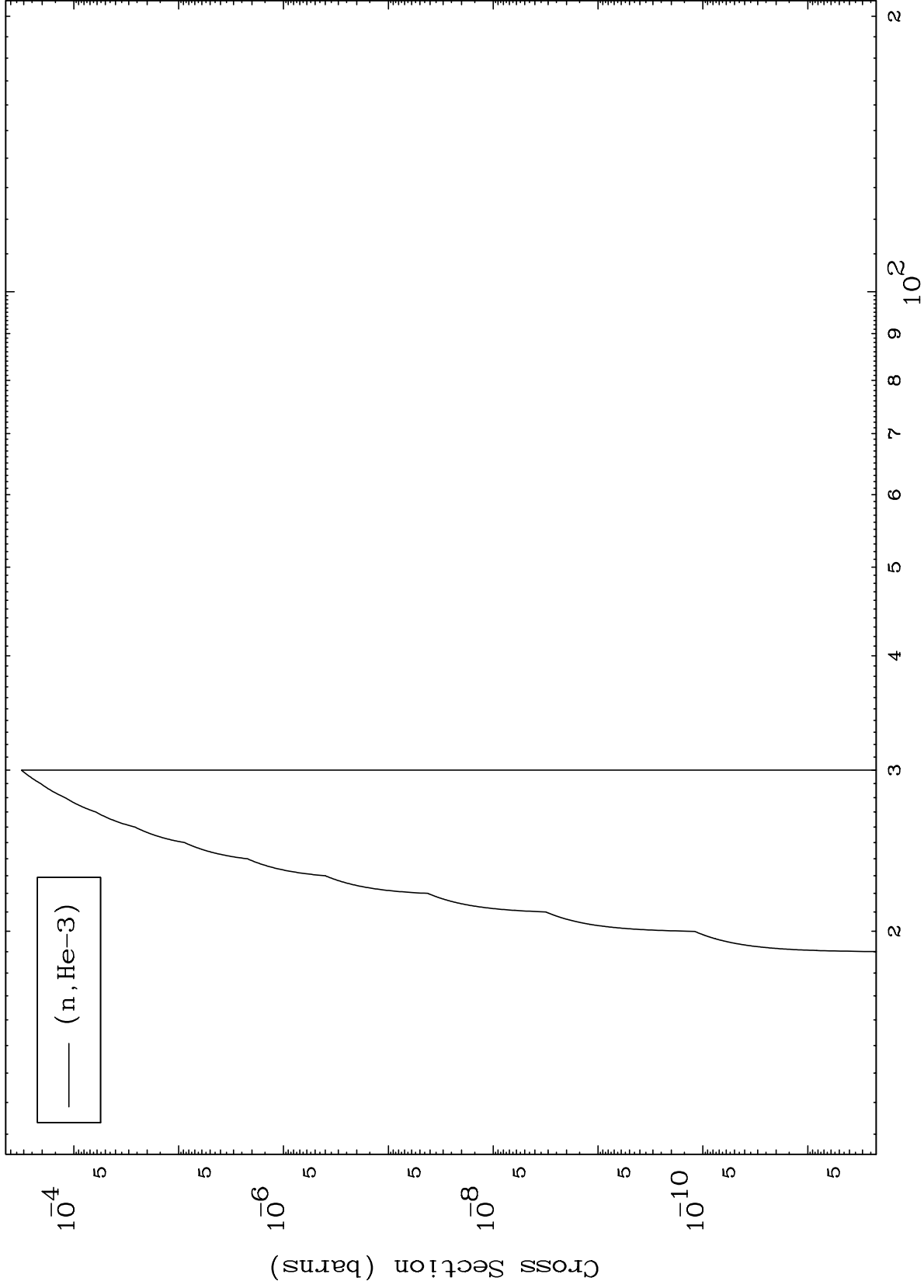
Incident Energy (MeV)

42-Mo-100

MAT 4249

(n,He3) Levels
293 Kelvin Cross Sections

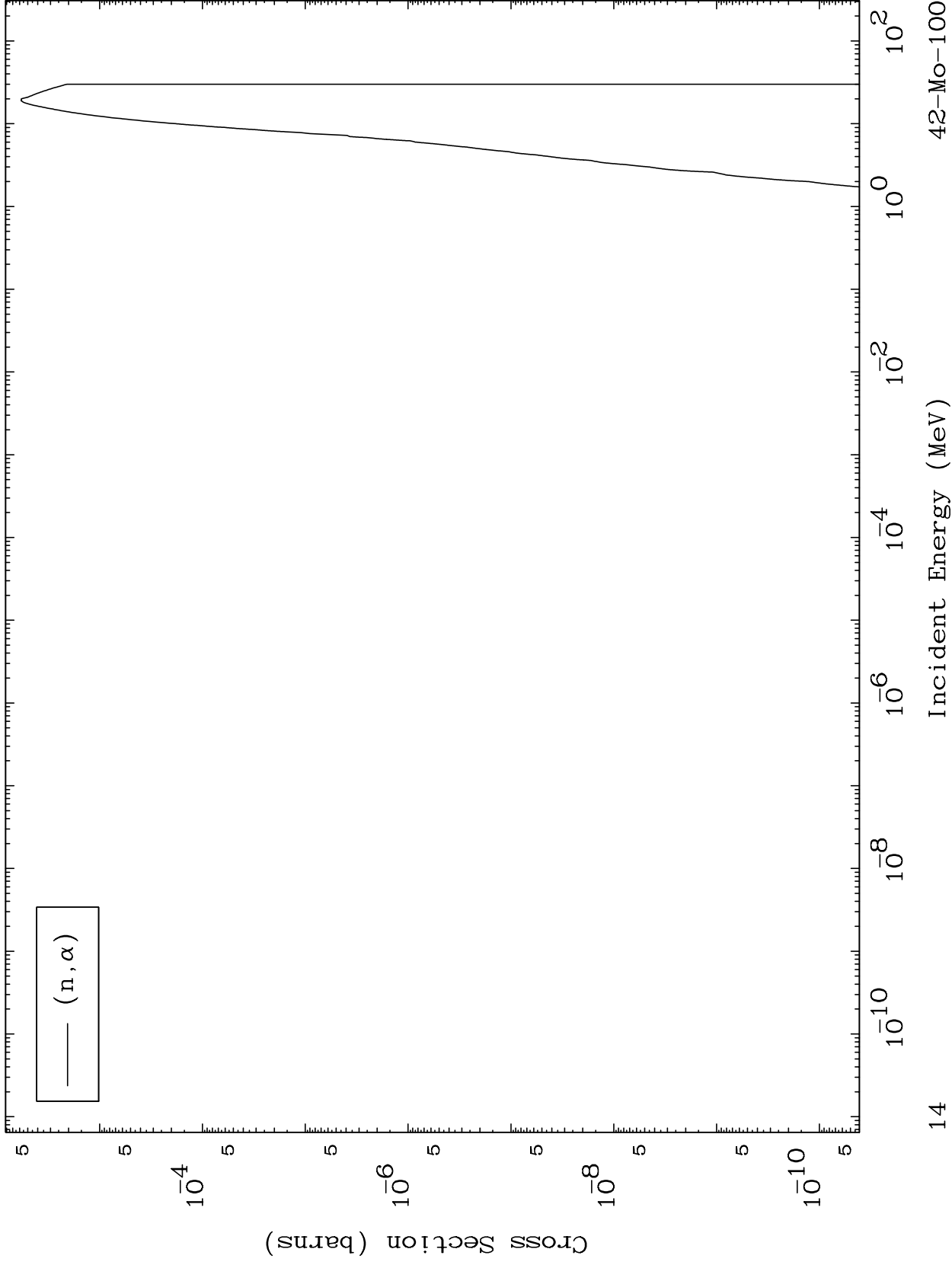
42-Mo-100

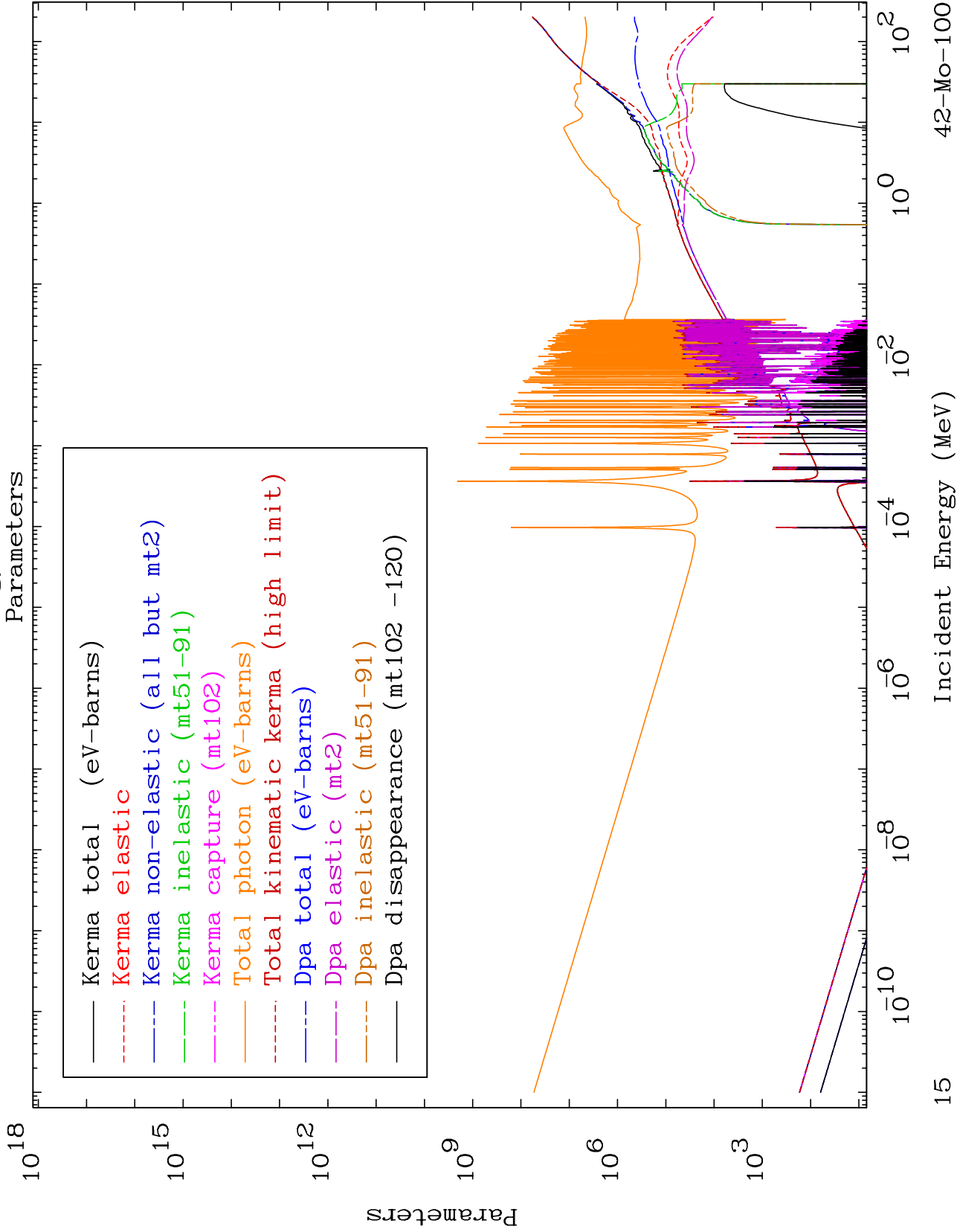


MAT 4249

(n, α) Levels
293 Kelvin Cross Sections

42-Mo-100

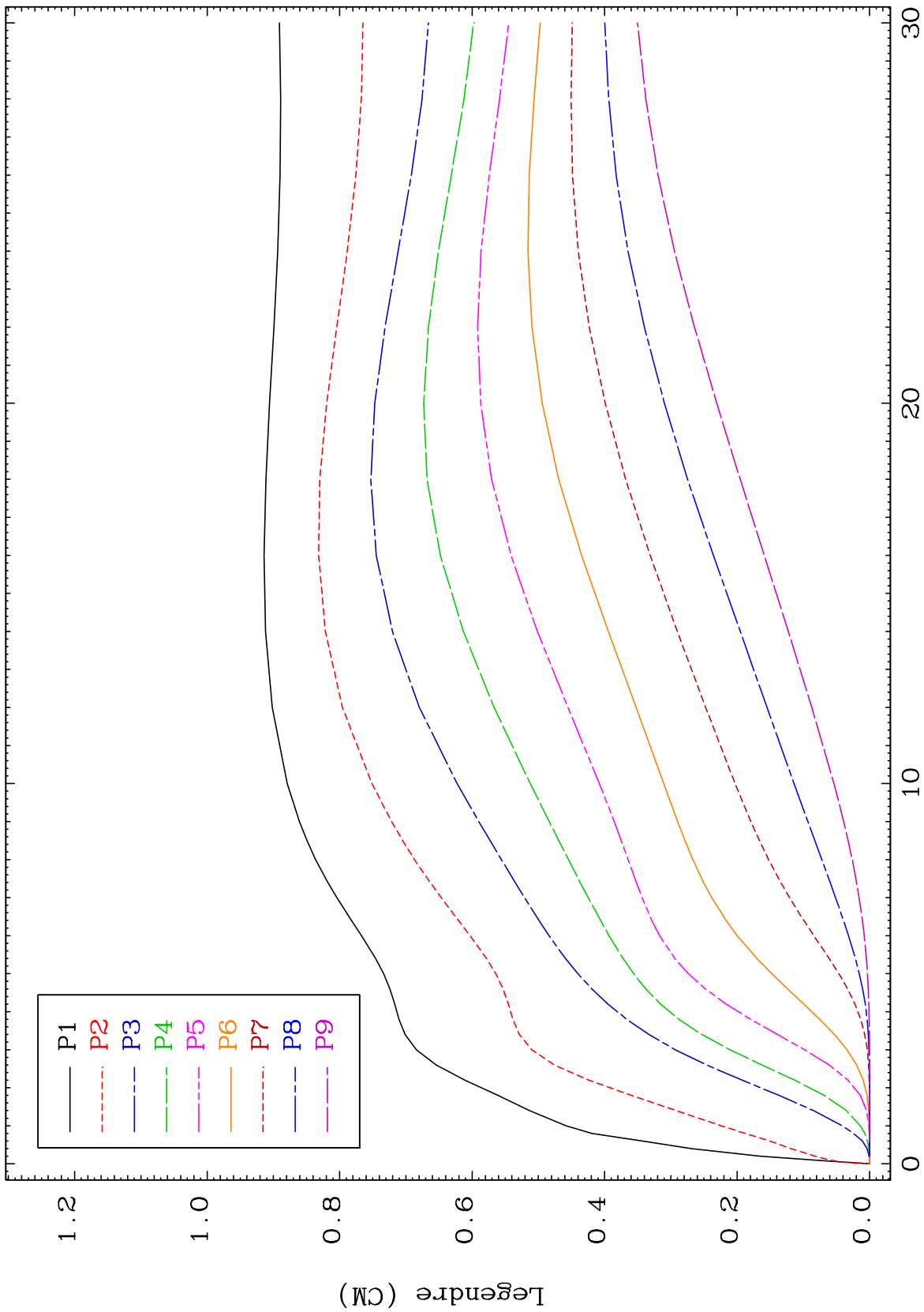




MAT 4249

Elastic Legendre Coefficients

42-Mo-100



16

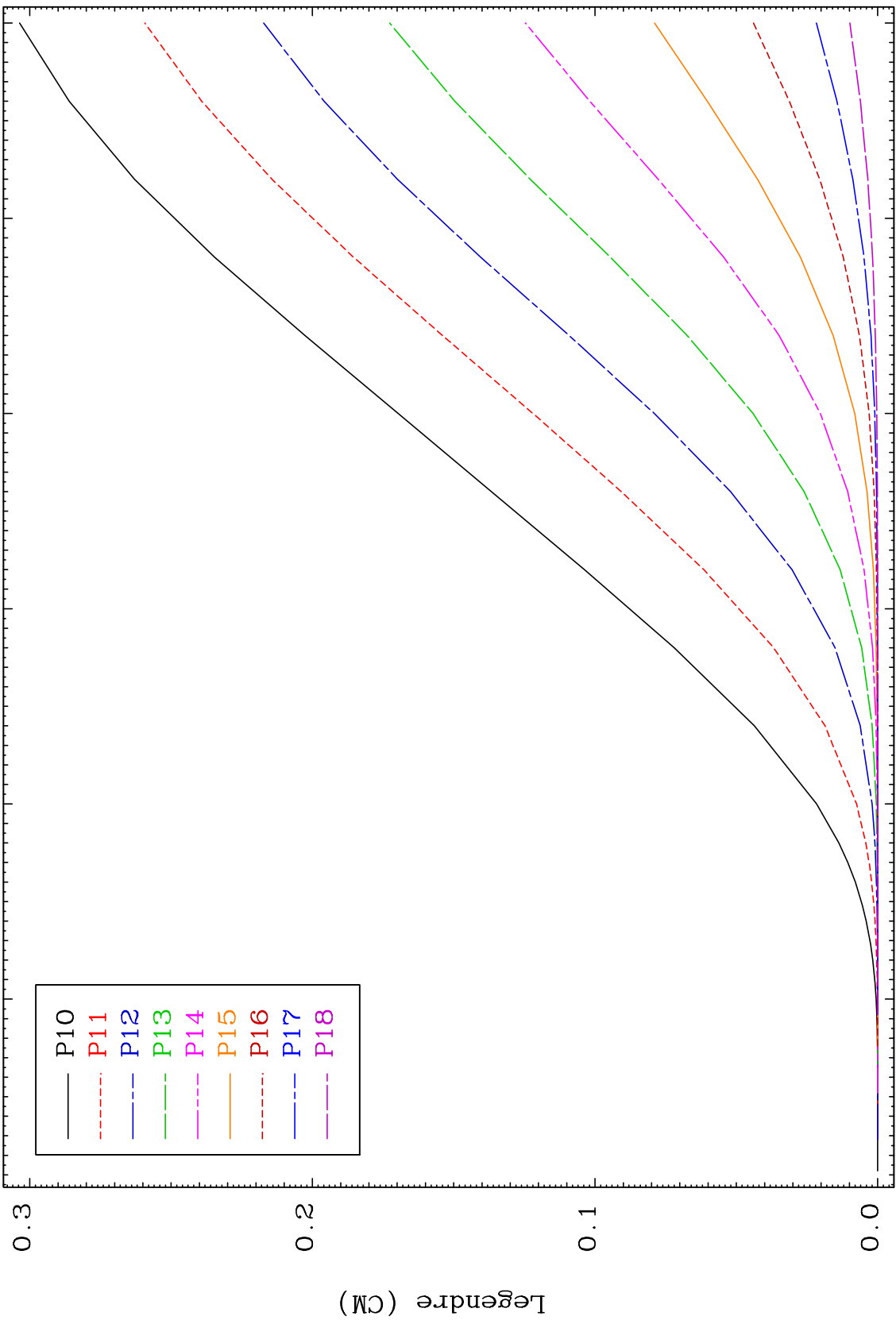
Incident Energy (MeV)

42-Mo-100

MAT 4249

Elastic Legendre Coefficients

42-Mo-100



17

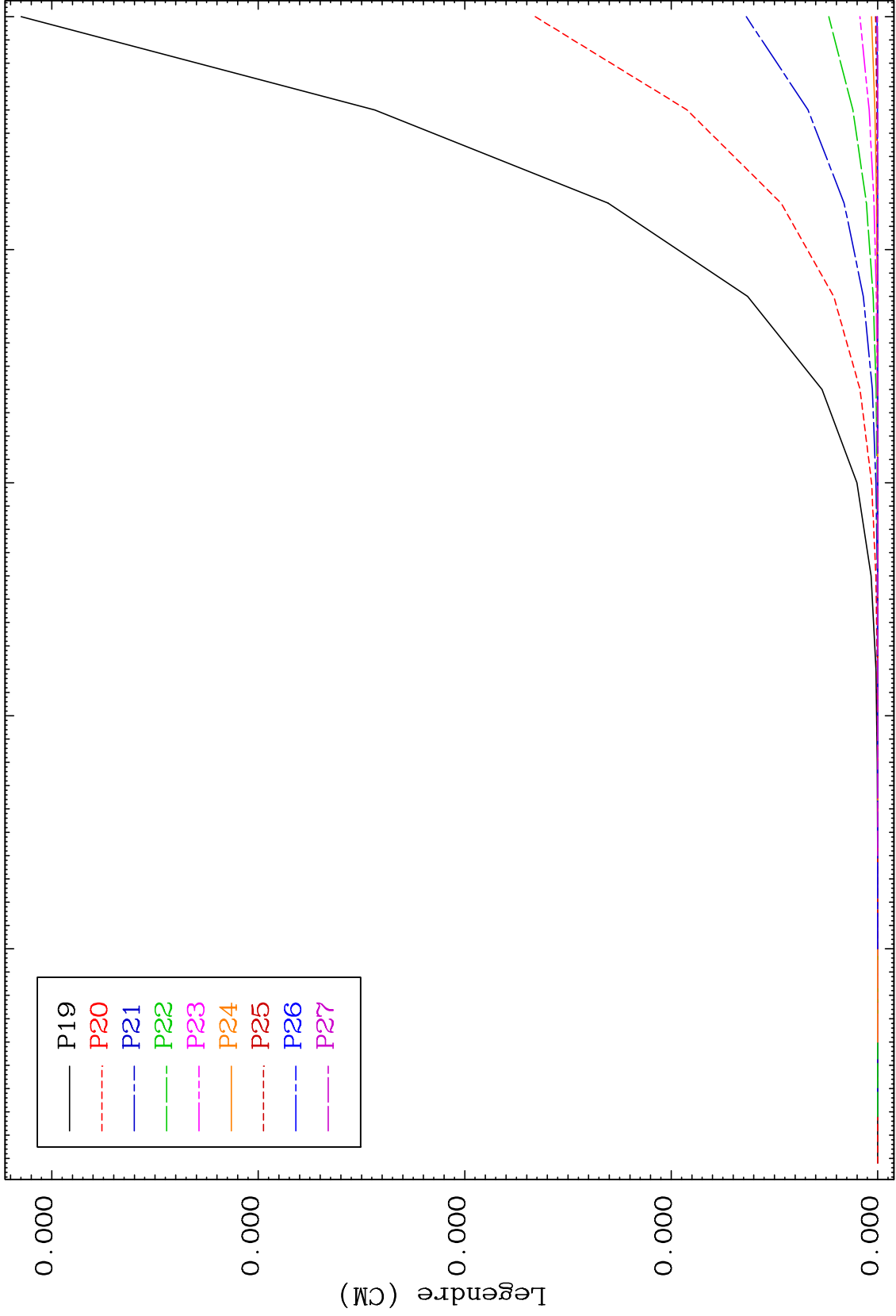
Incident Energy (MeV)

42-Mo-100

MAT 4249

Elastic
Legendre Coefficients

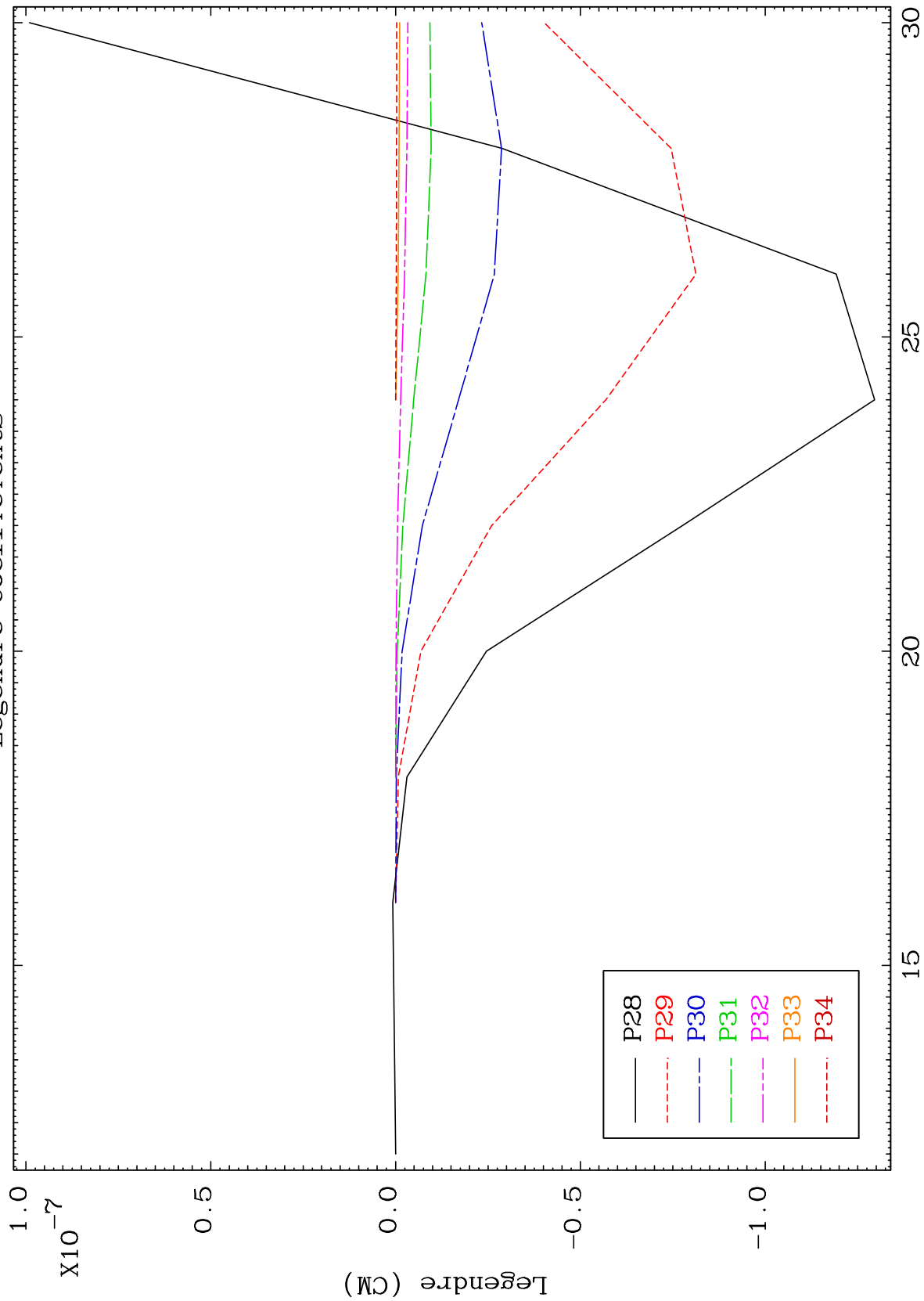
42-Mo-100



18

Incident Energy (MeV)

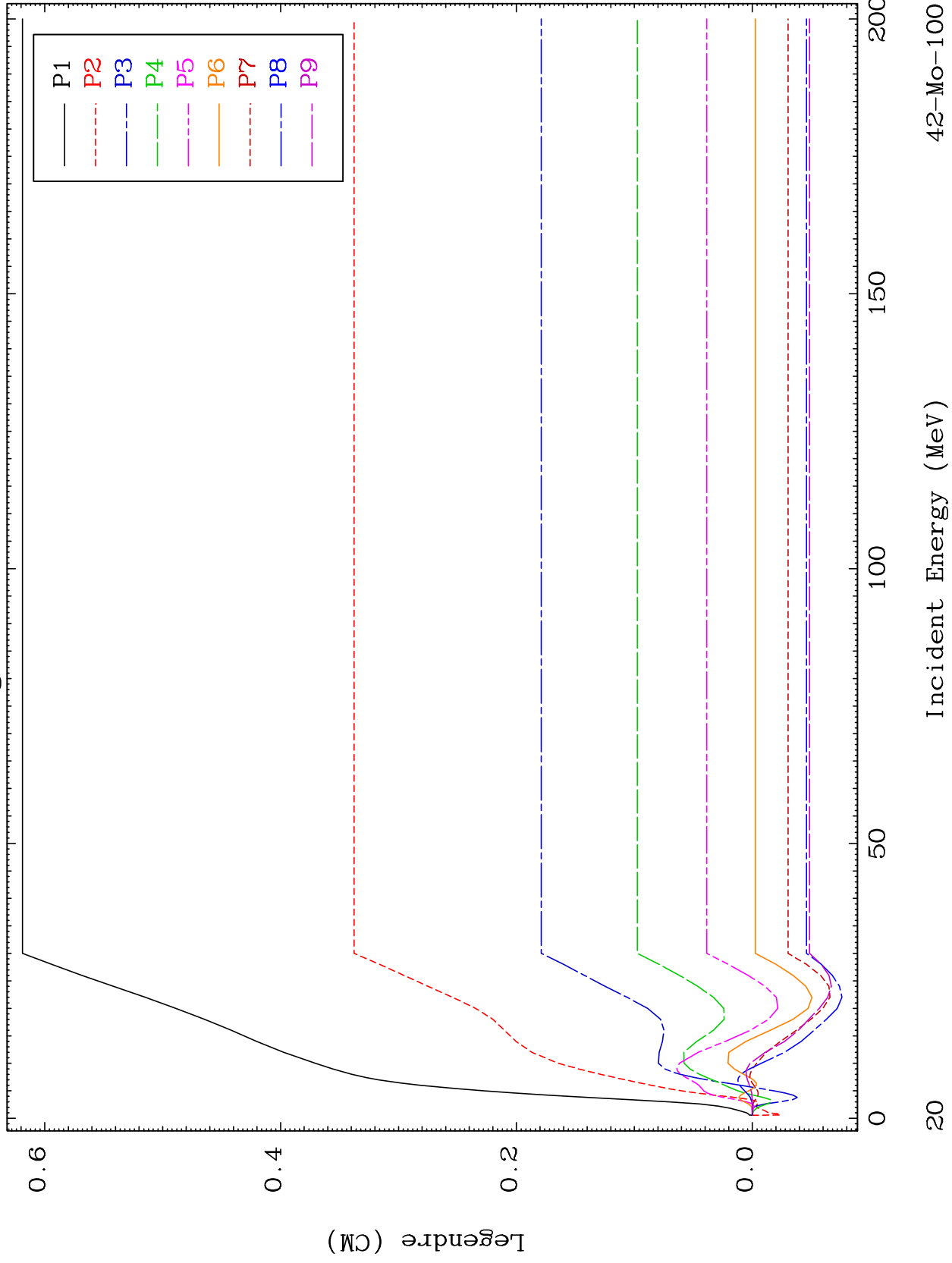
42-Mo-100



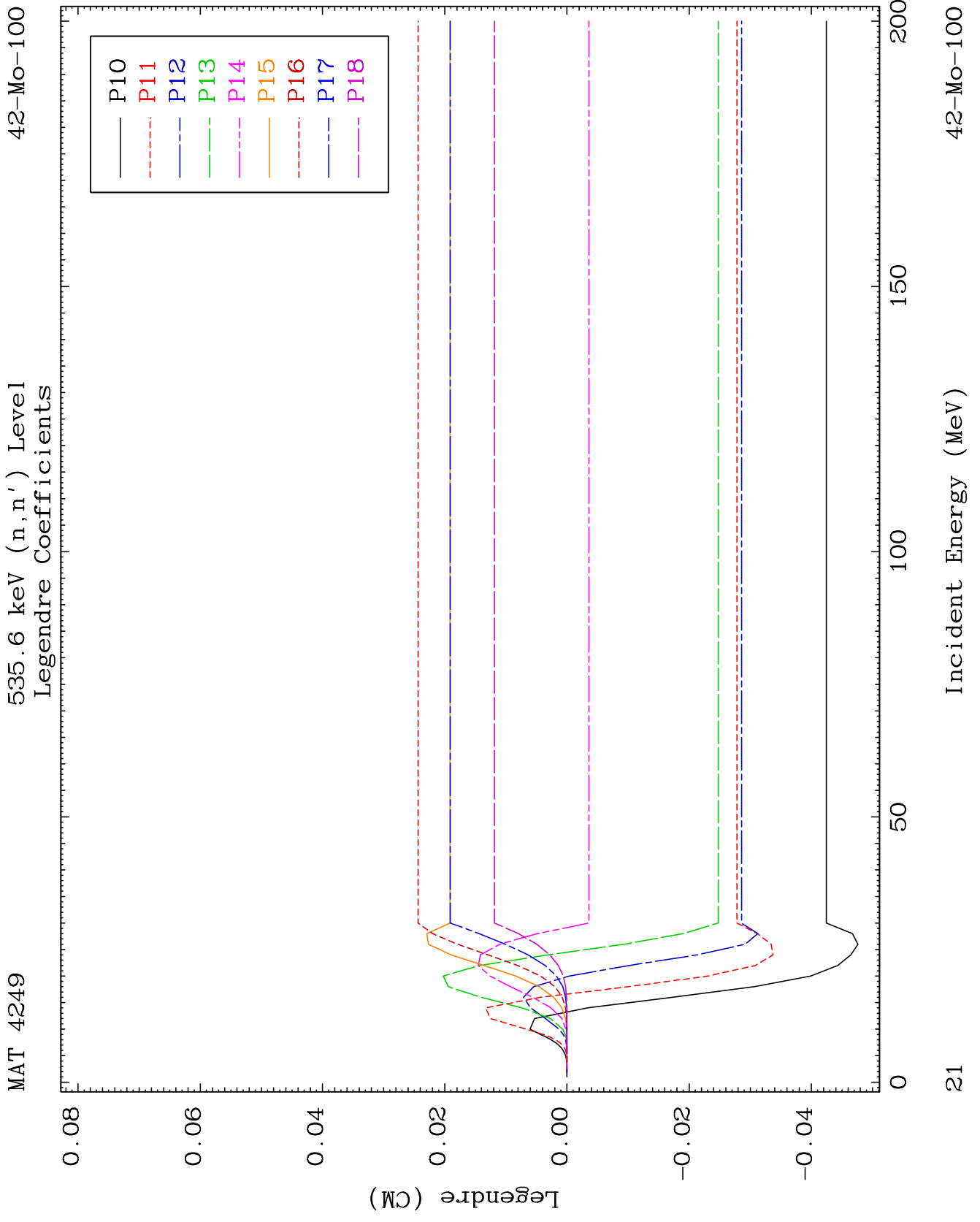
MAT 4249

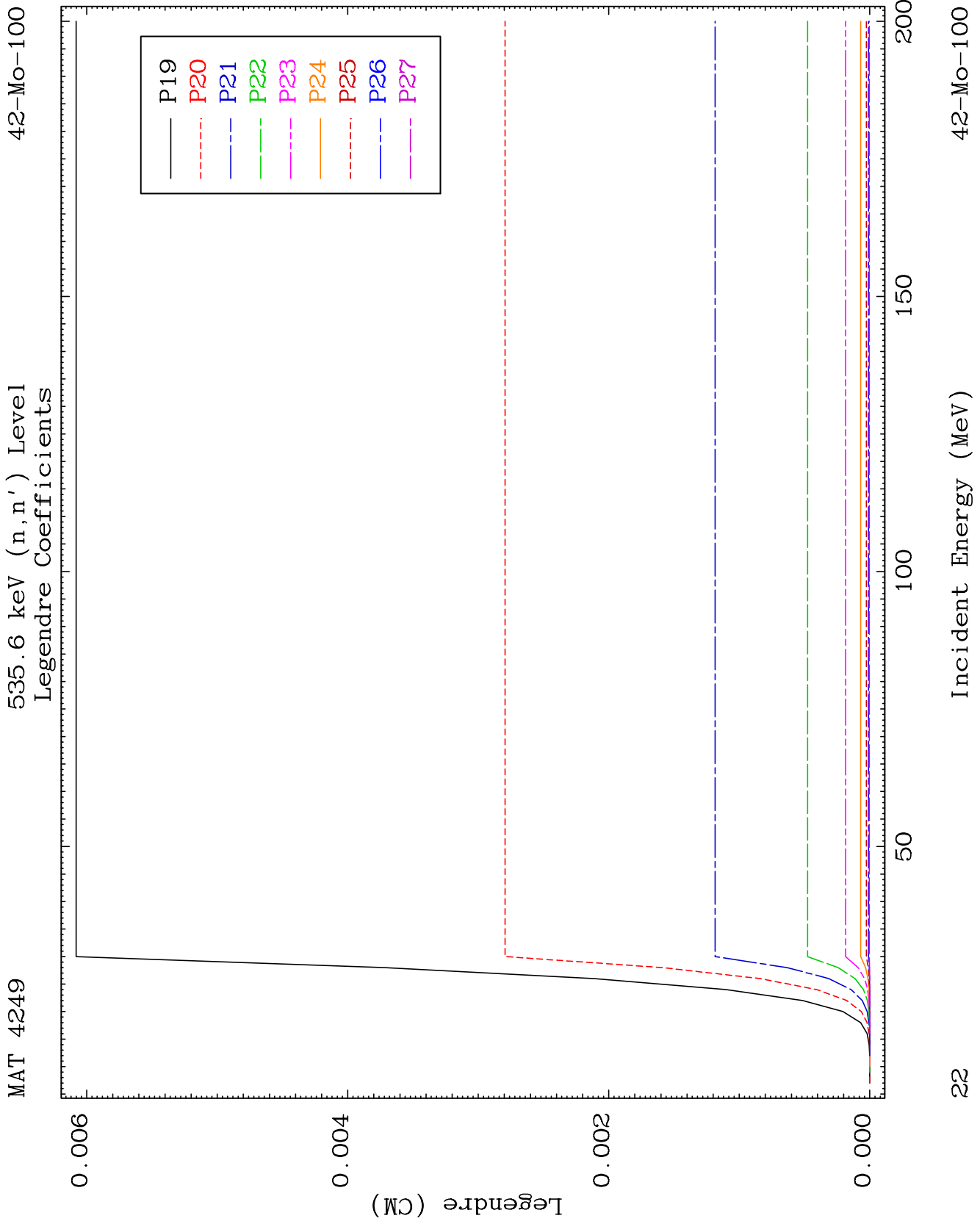
535.6 keV (n,n') Level
Legendre Coefficients

42-Mo-100



42-Mo-100

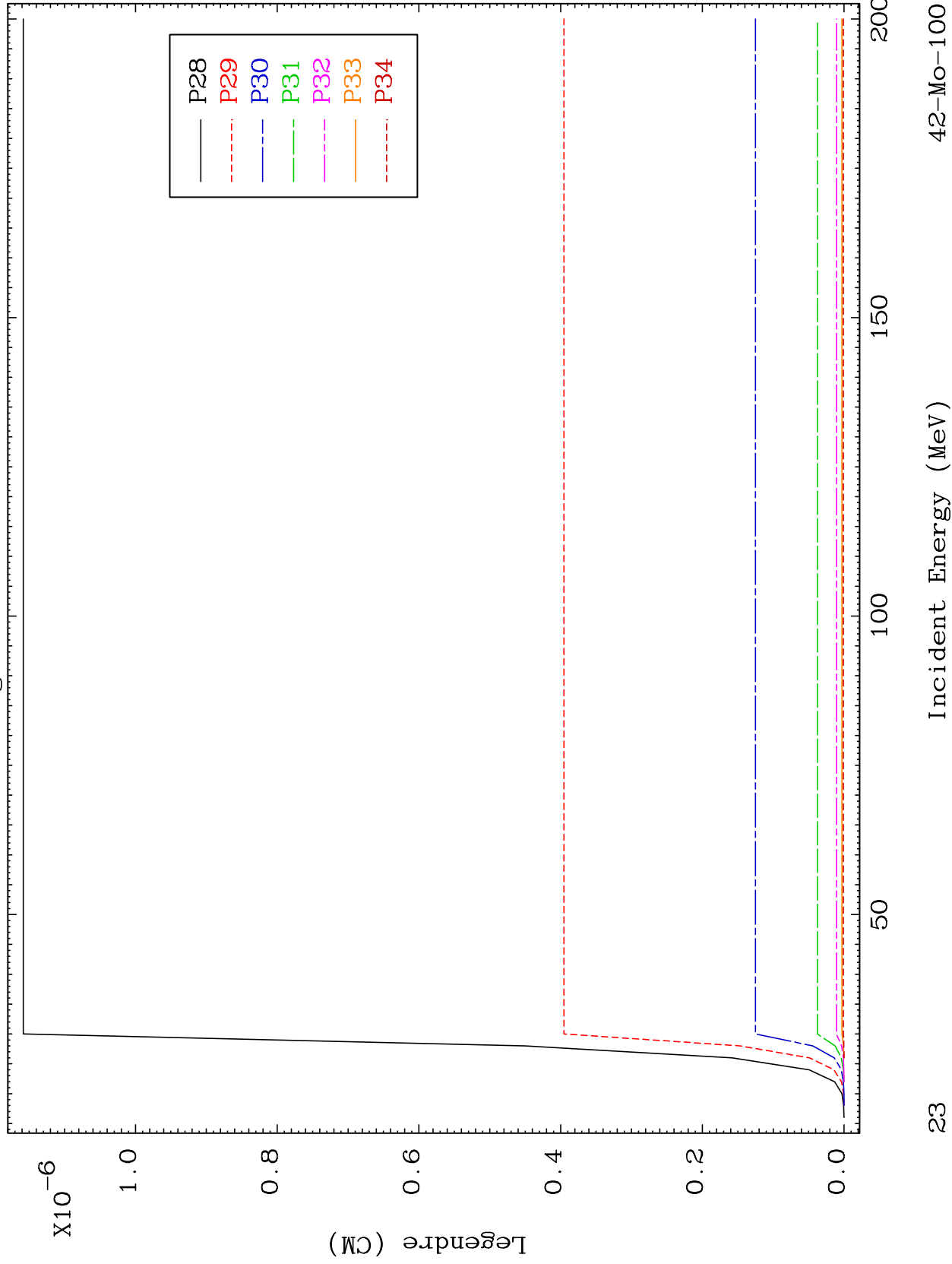




MAT 4249

535.6 keV (n, n') Level
Legendre Coefficients

42-Mo-100

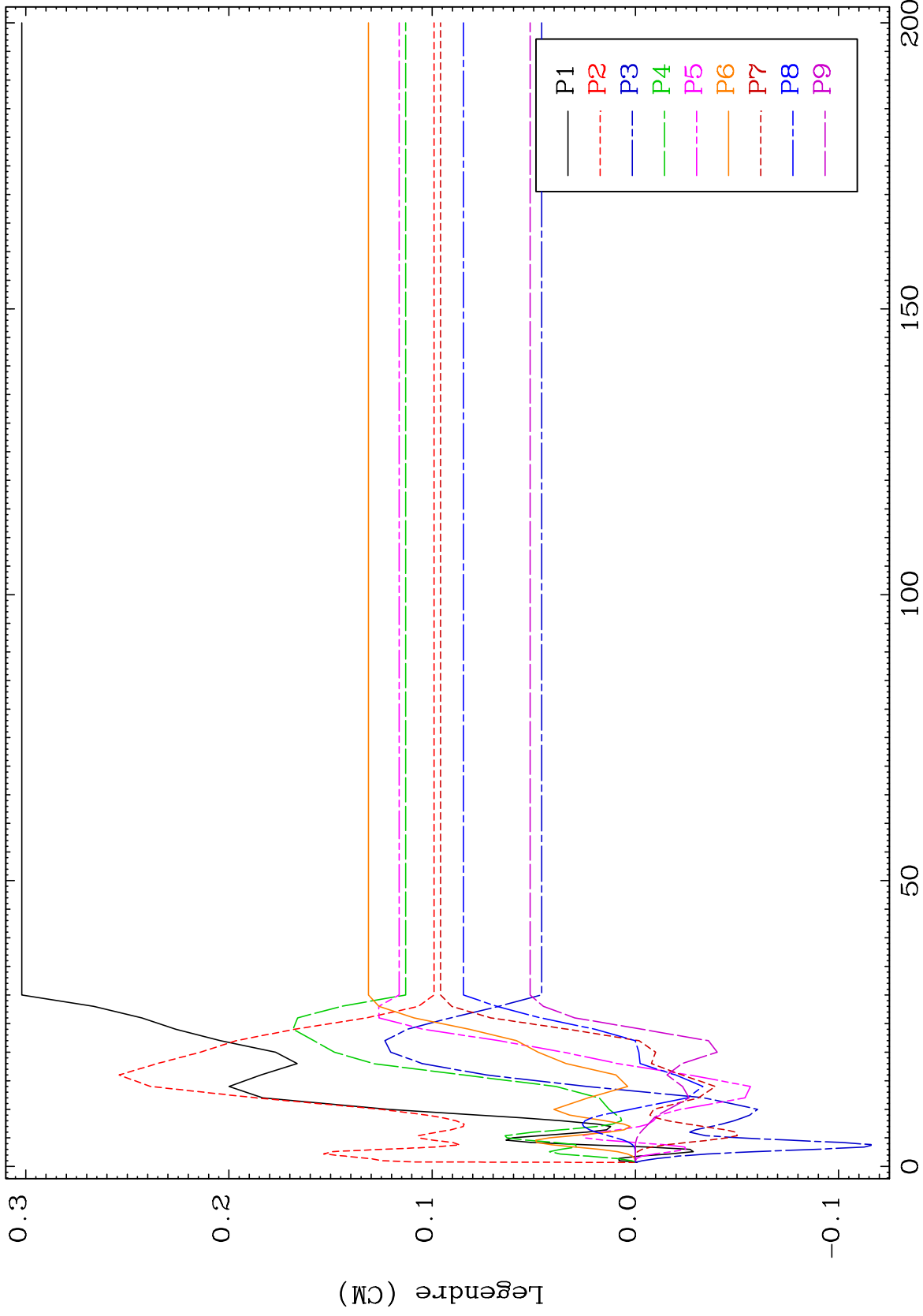


23

MAT 4249

695.1 keV (n,n') Level
Legendre Coefficients

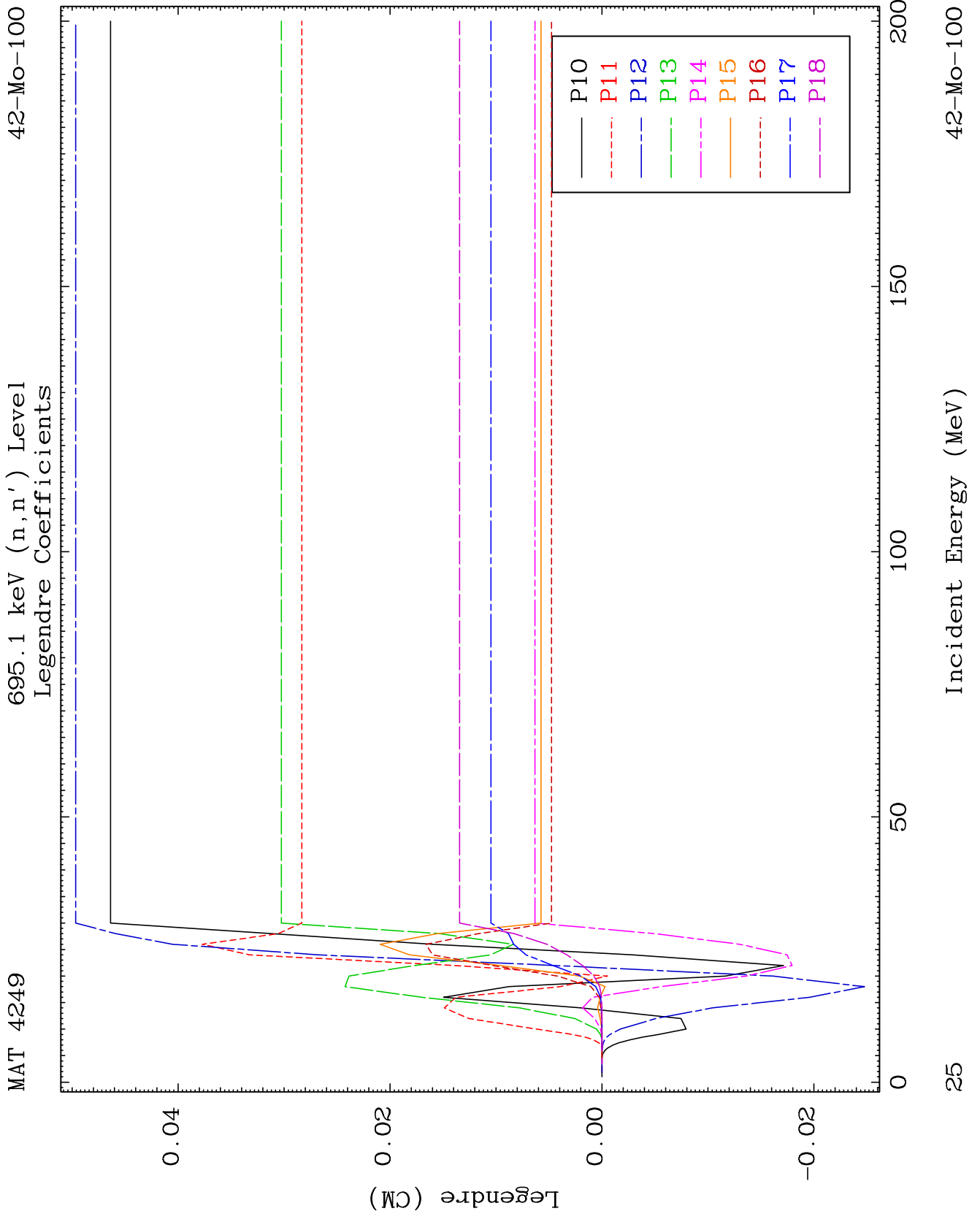
42-Mo-100

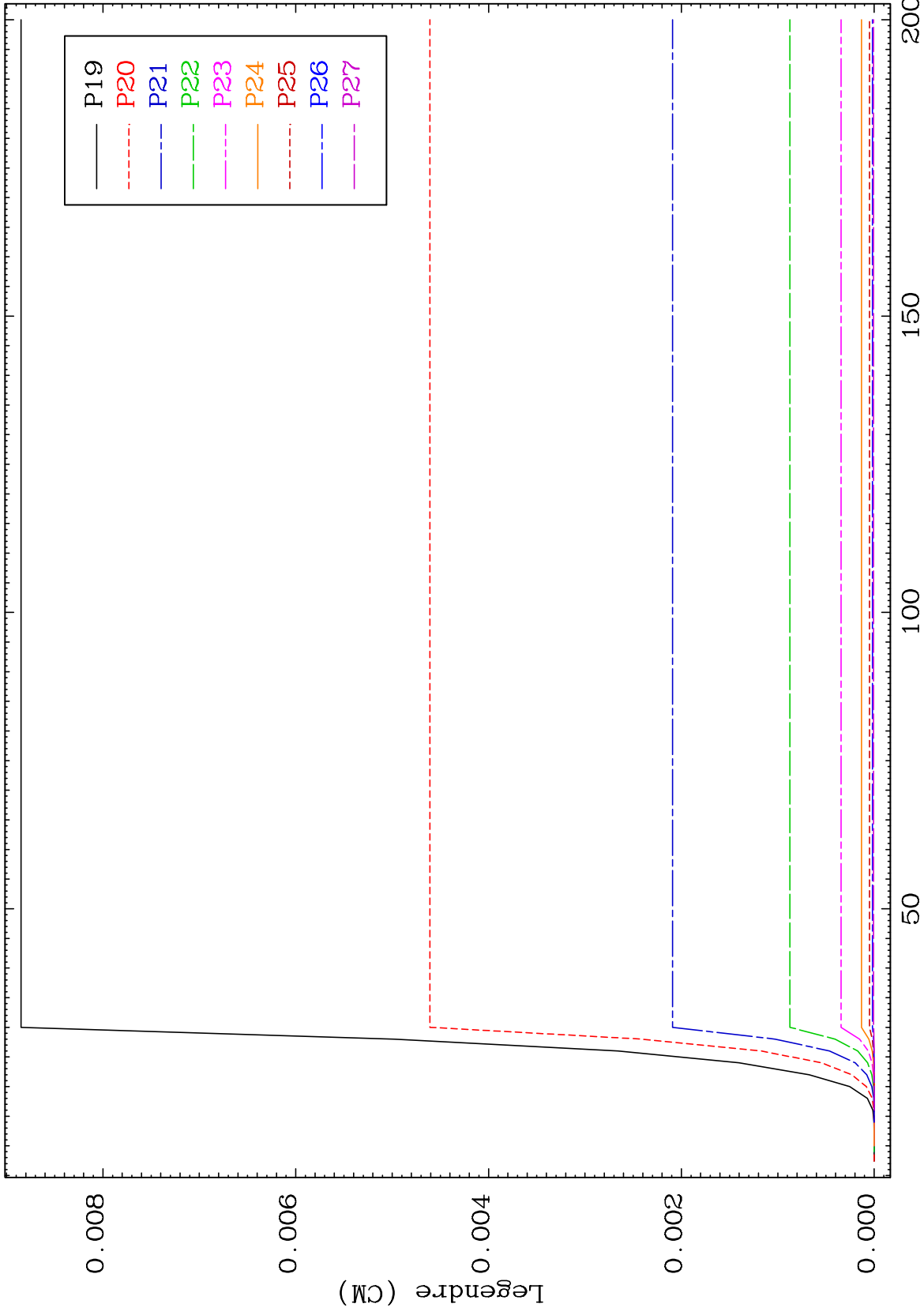


24

Incident Energy (MeV)

42-Mo-100

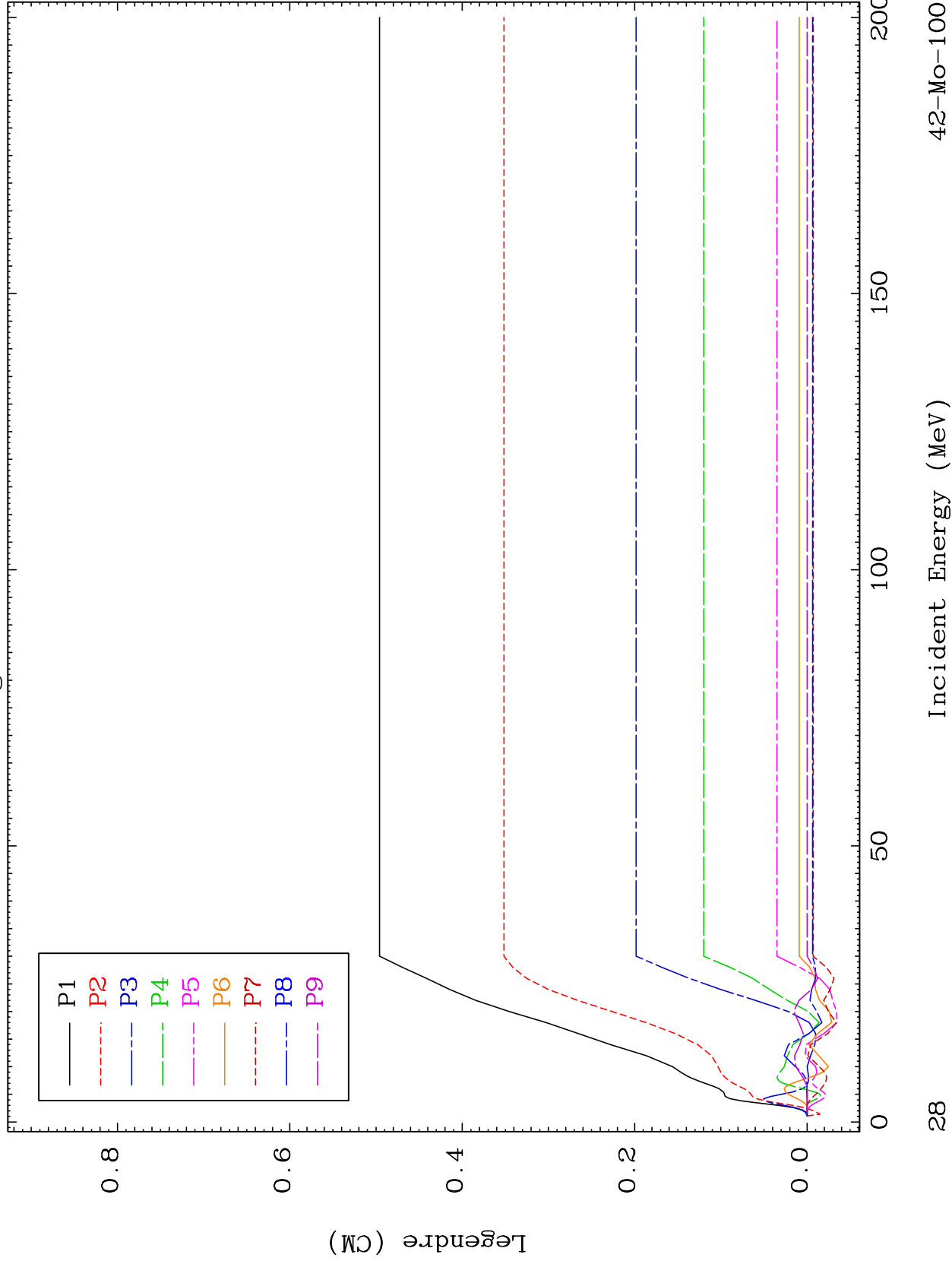




MAT 4249

1.064 MeV (n,n') Level
Legendre Coefficients

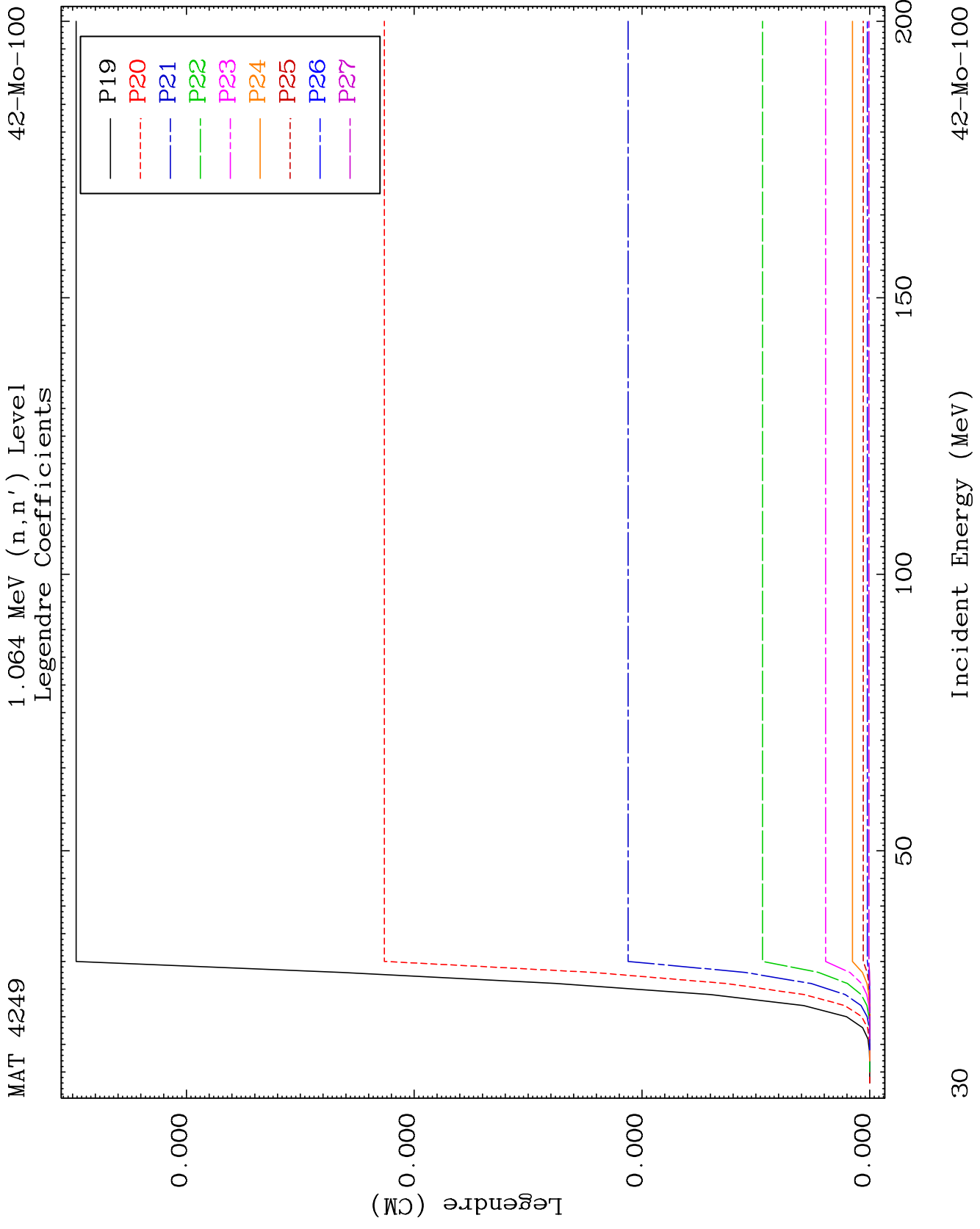
42-Mo-100

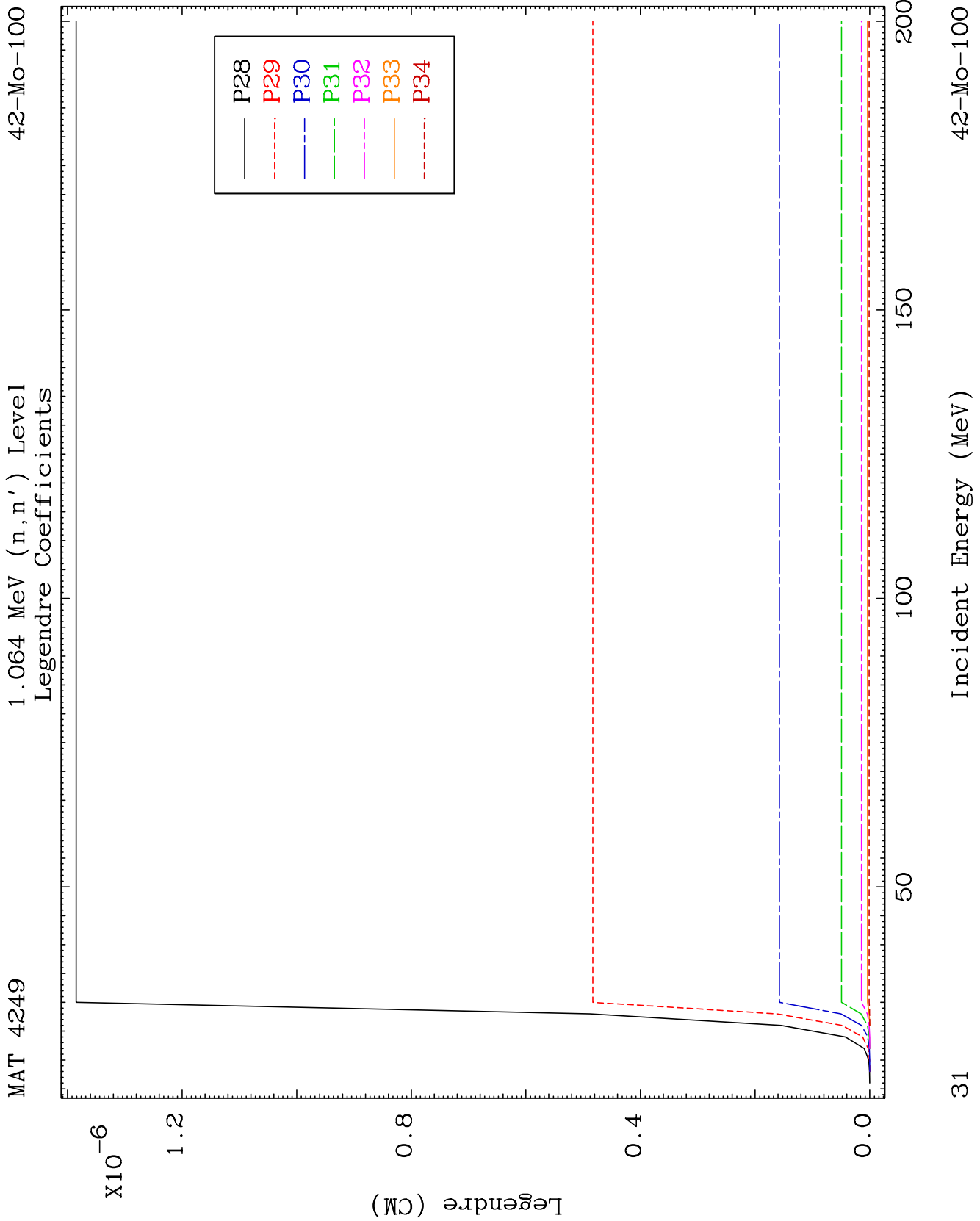


28

Incident Energy (MeV)

42-Mo-100

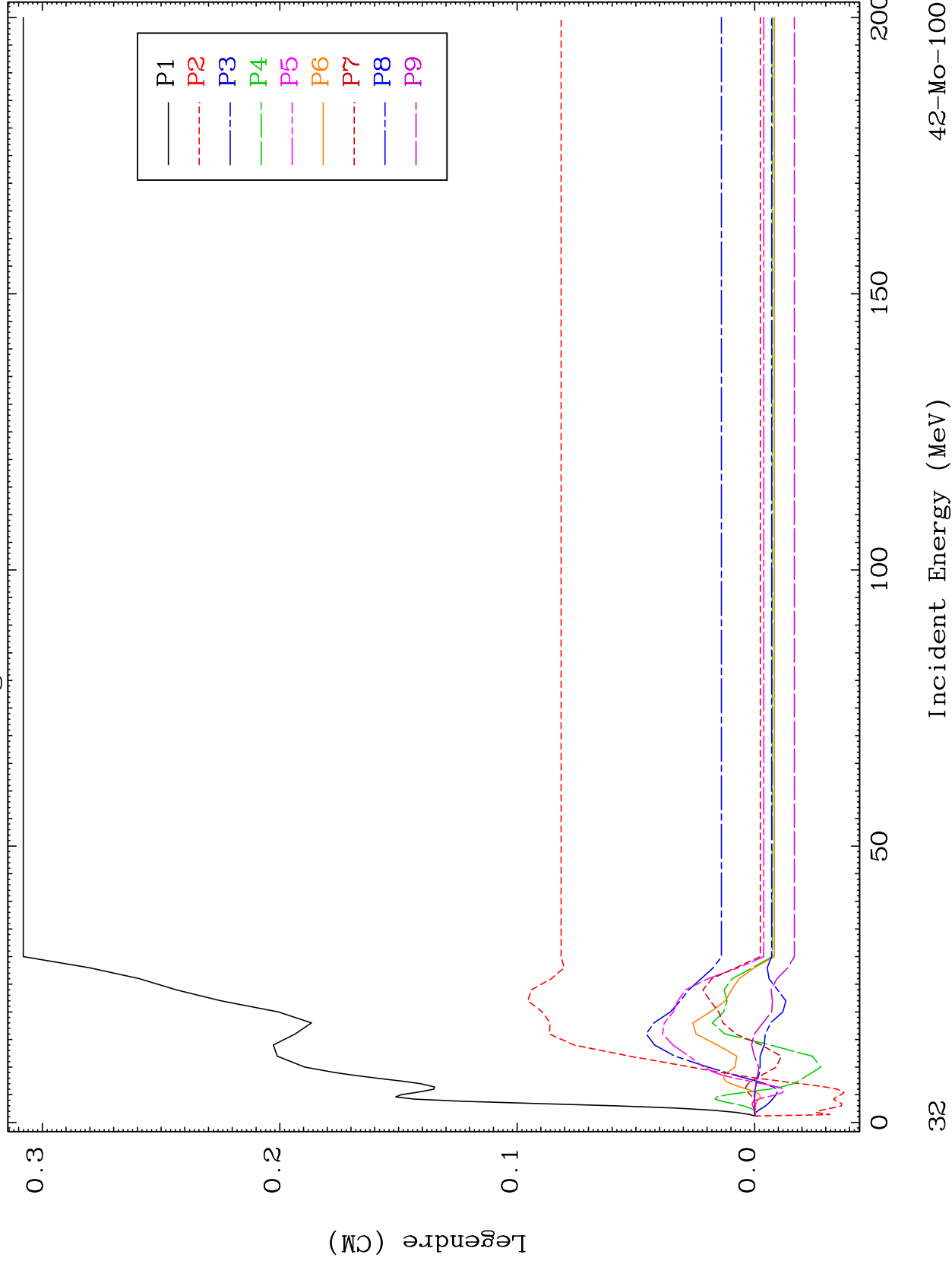




MAT 4249

1.136 MeV (n,n') Level
Legendre Coefficients

42-Mo-100

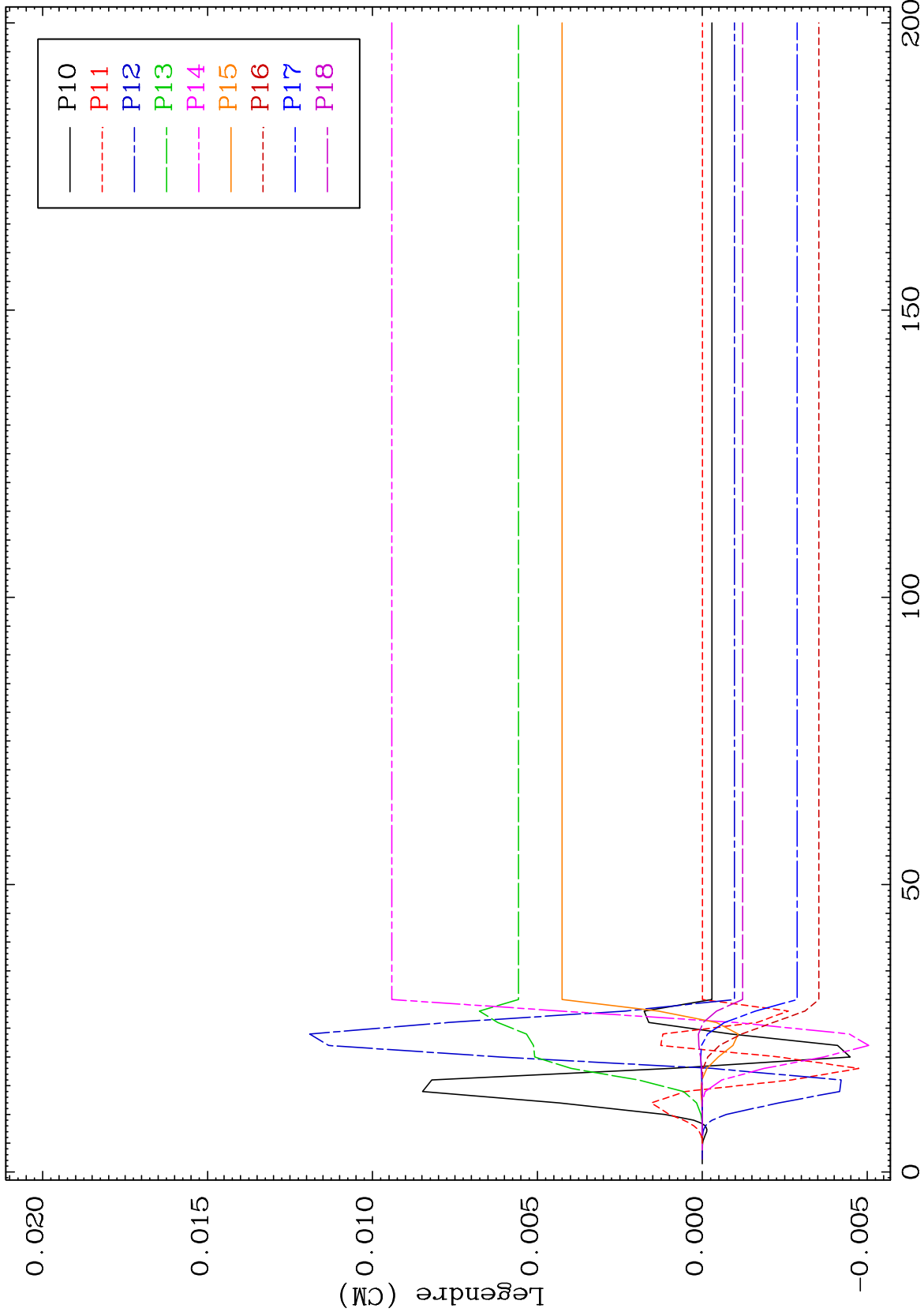


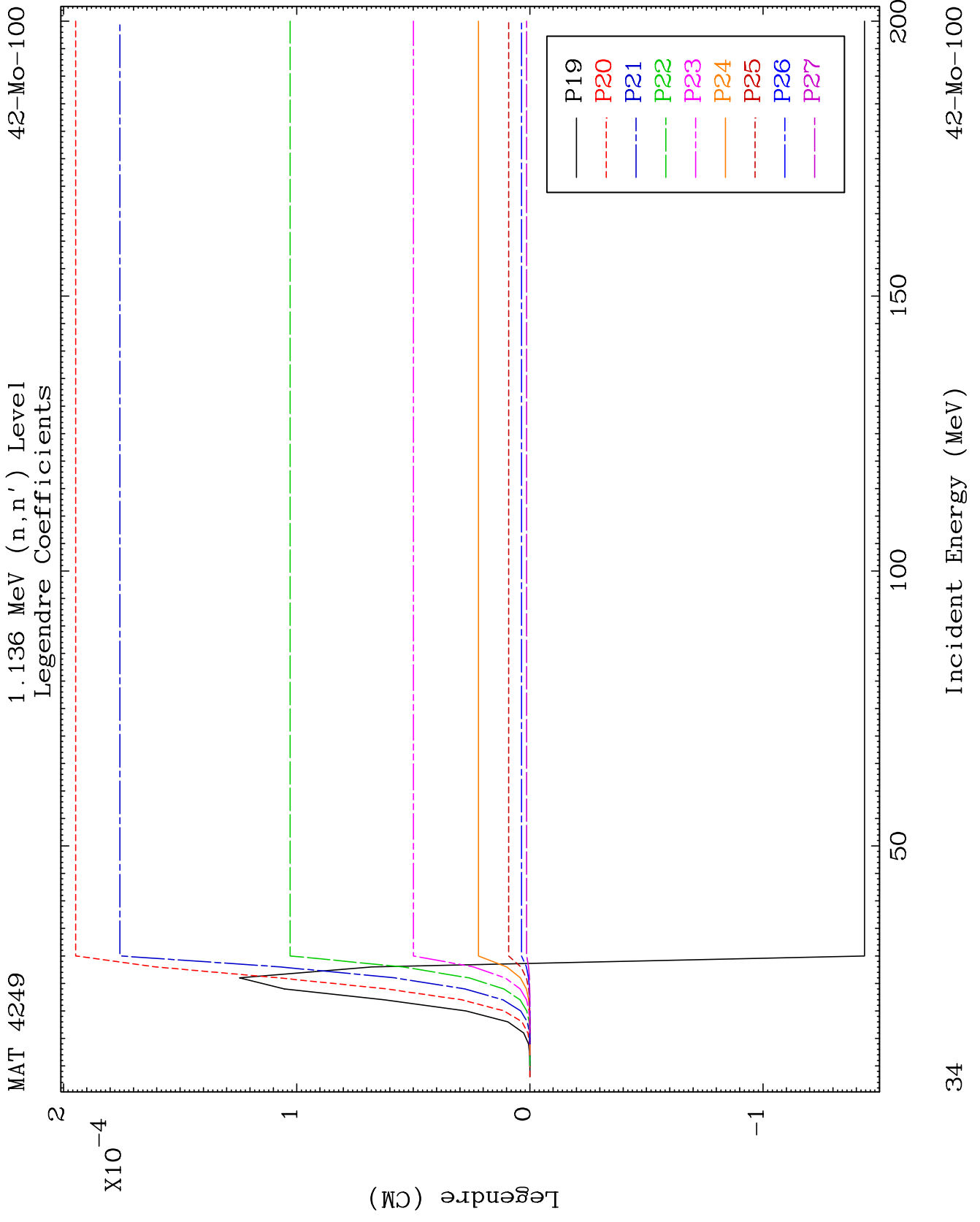
32

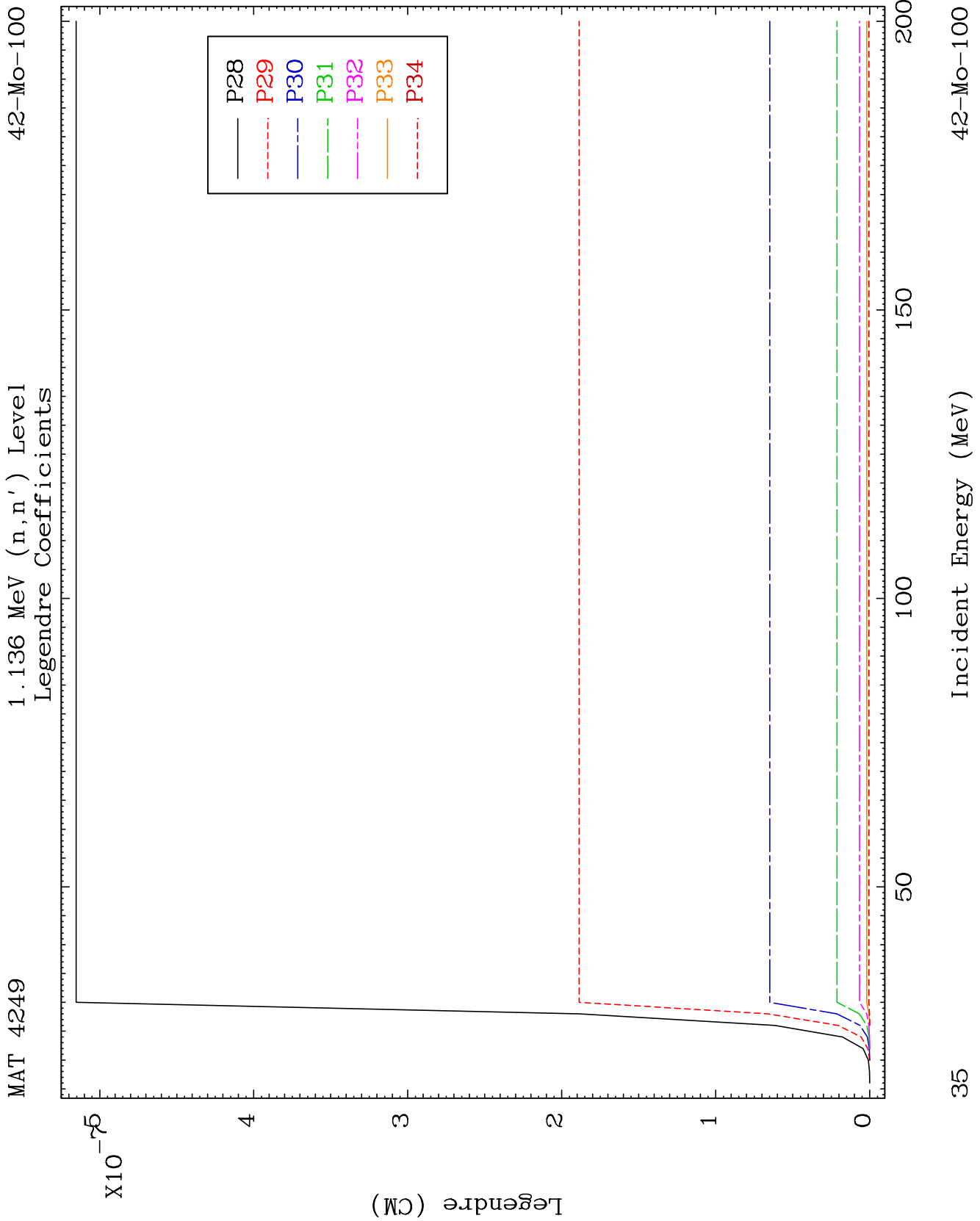
MAT 4249

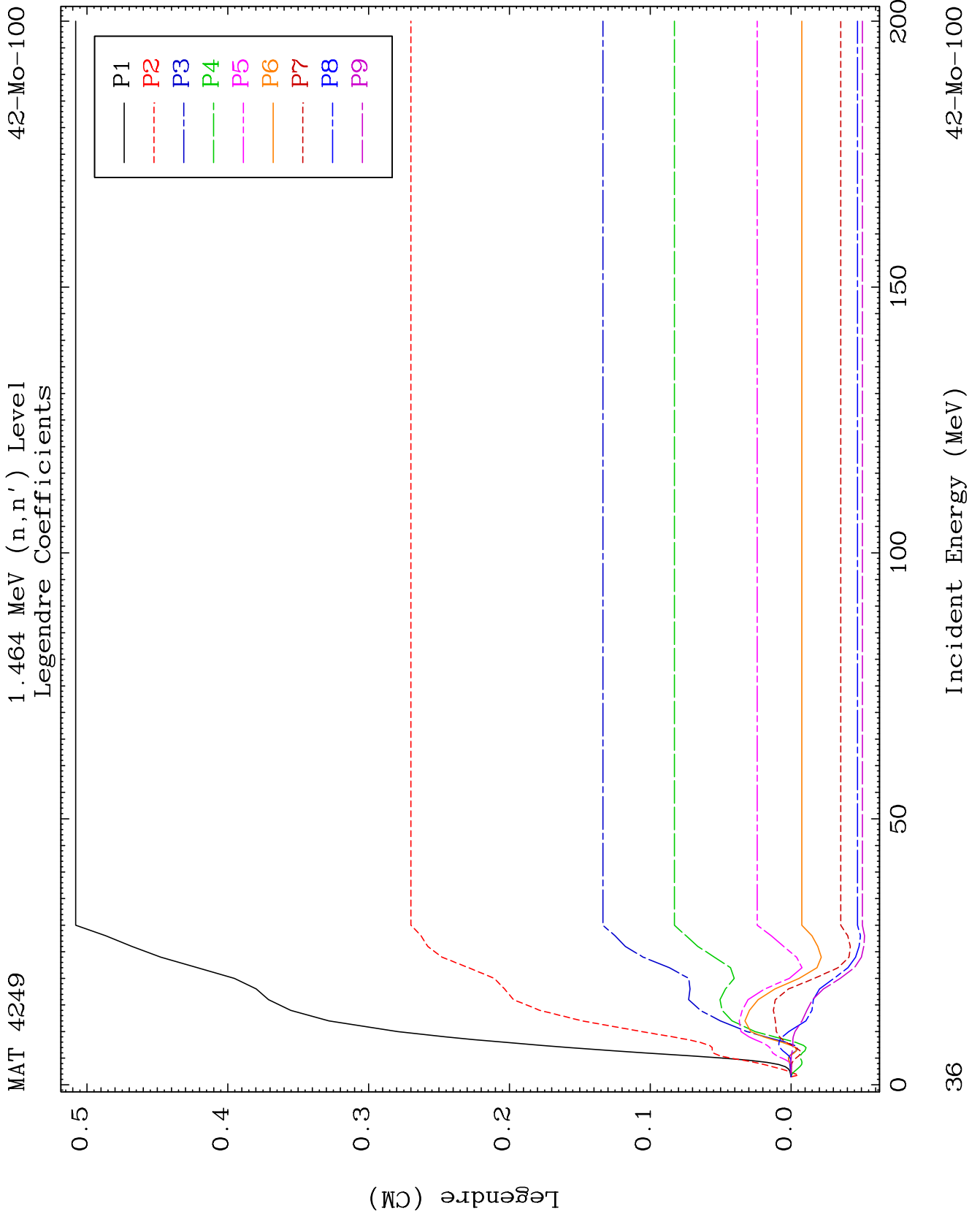
1.136 MeV (n,n') Level
Legendre Coefficients

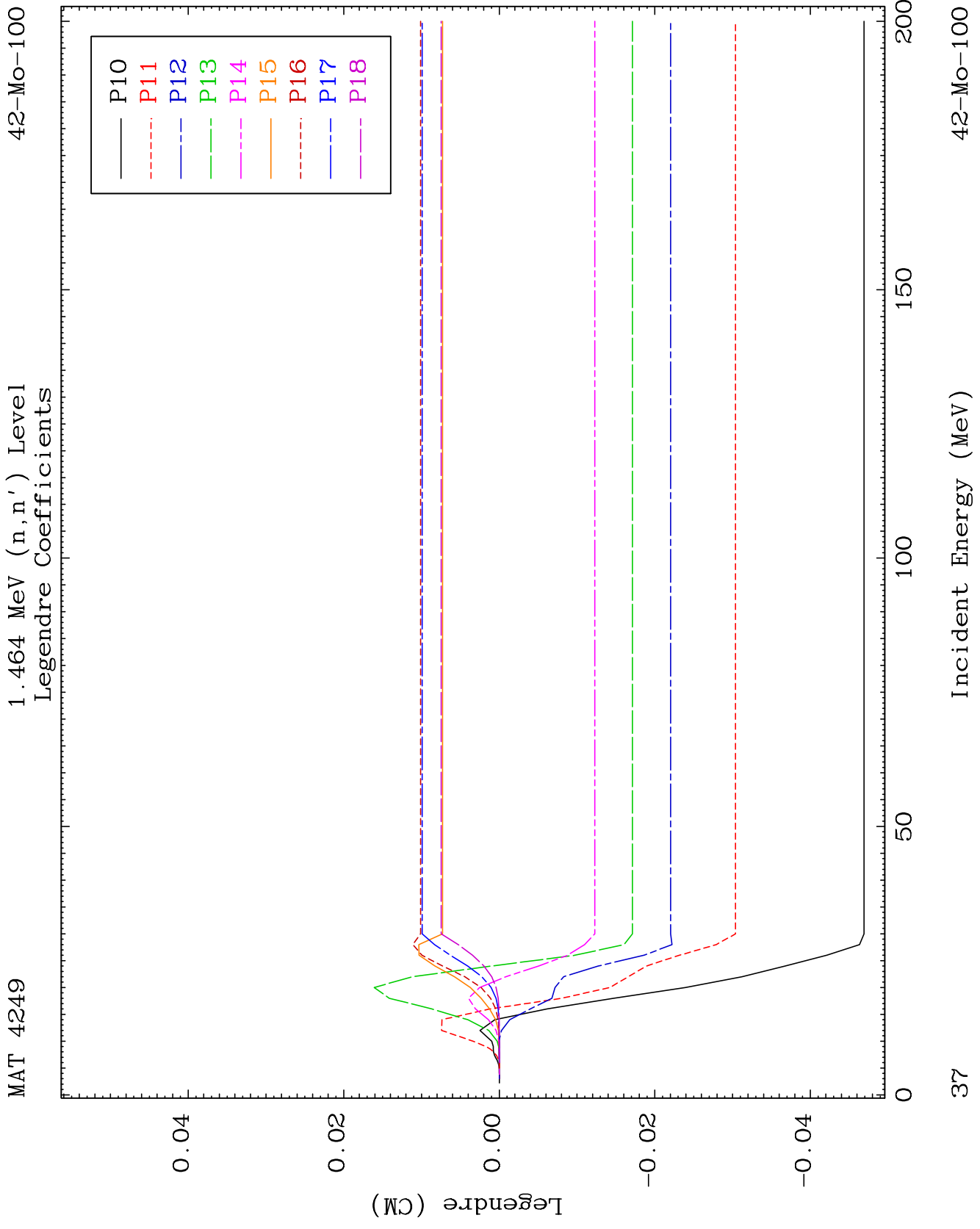
42-Mo-100

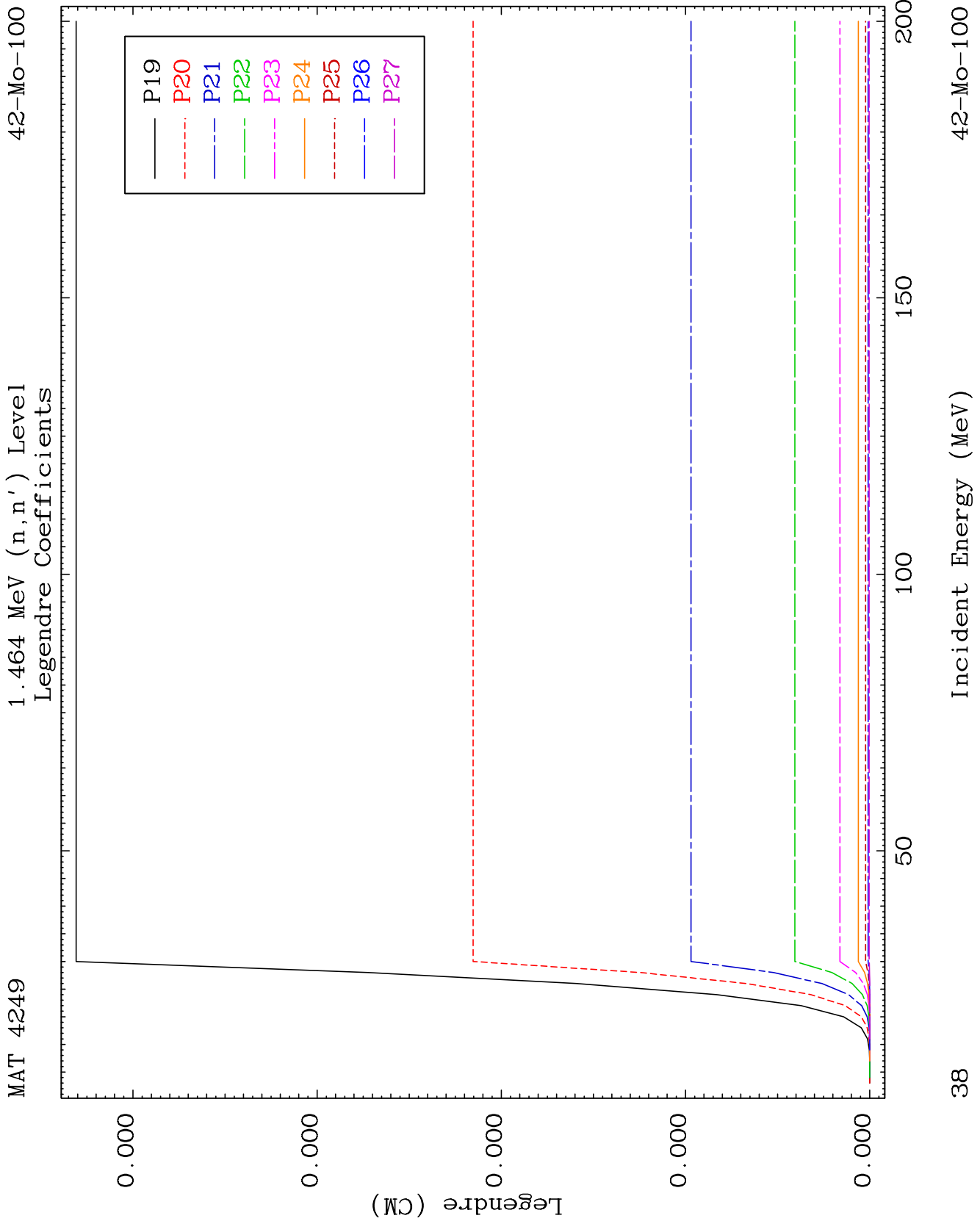


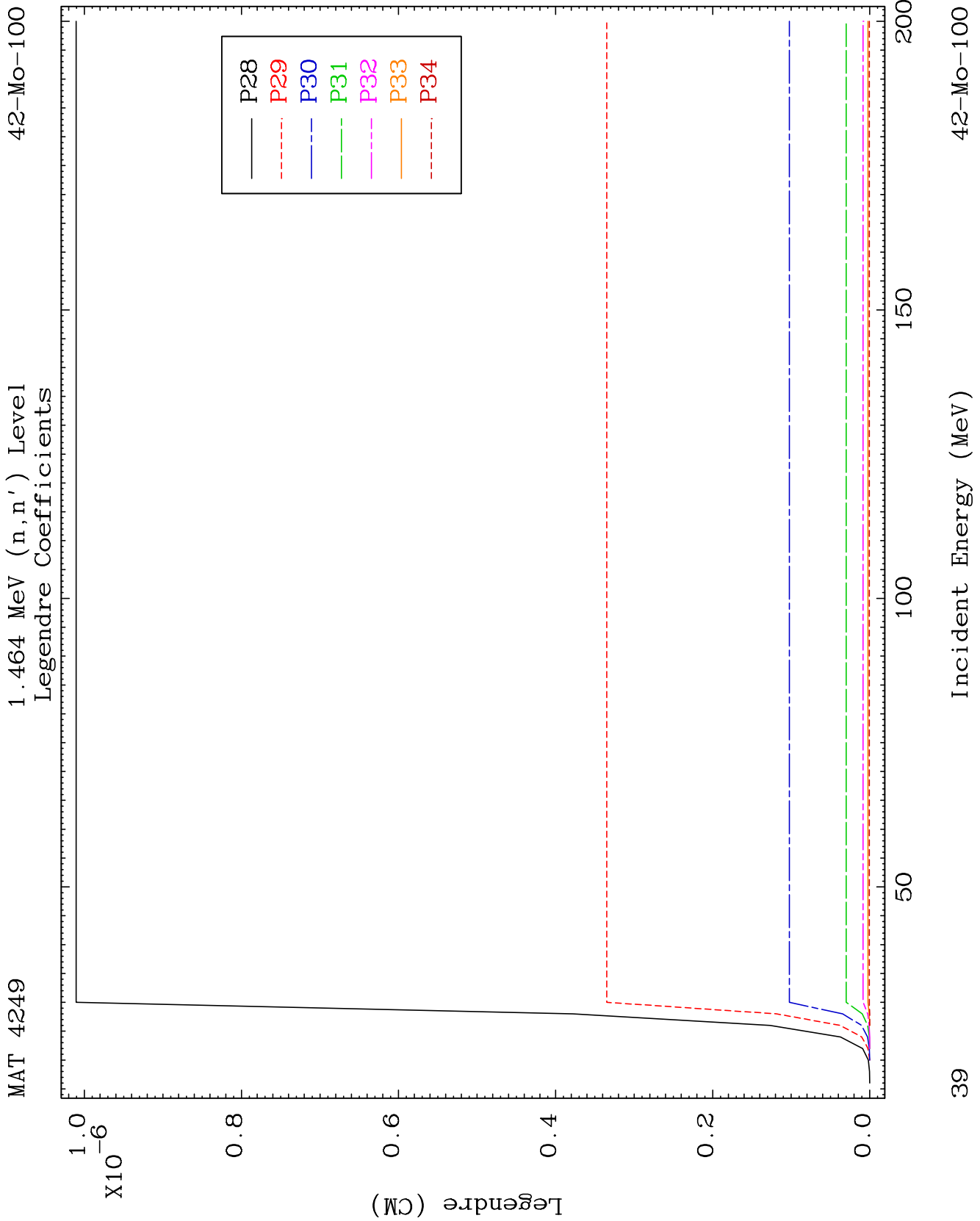


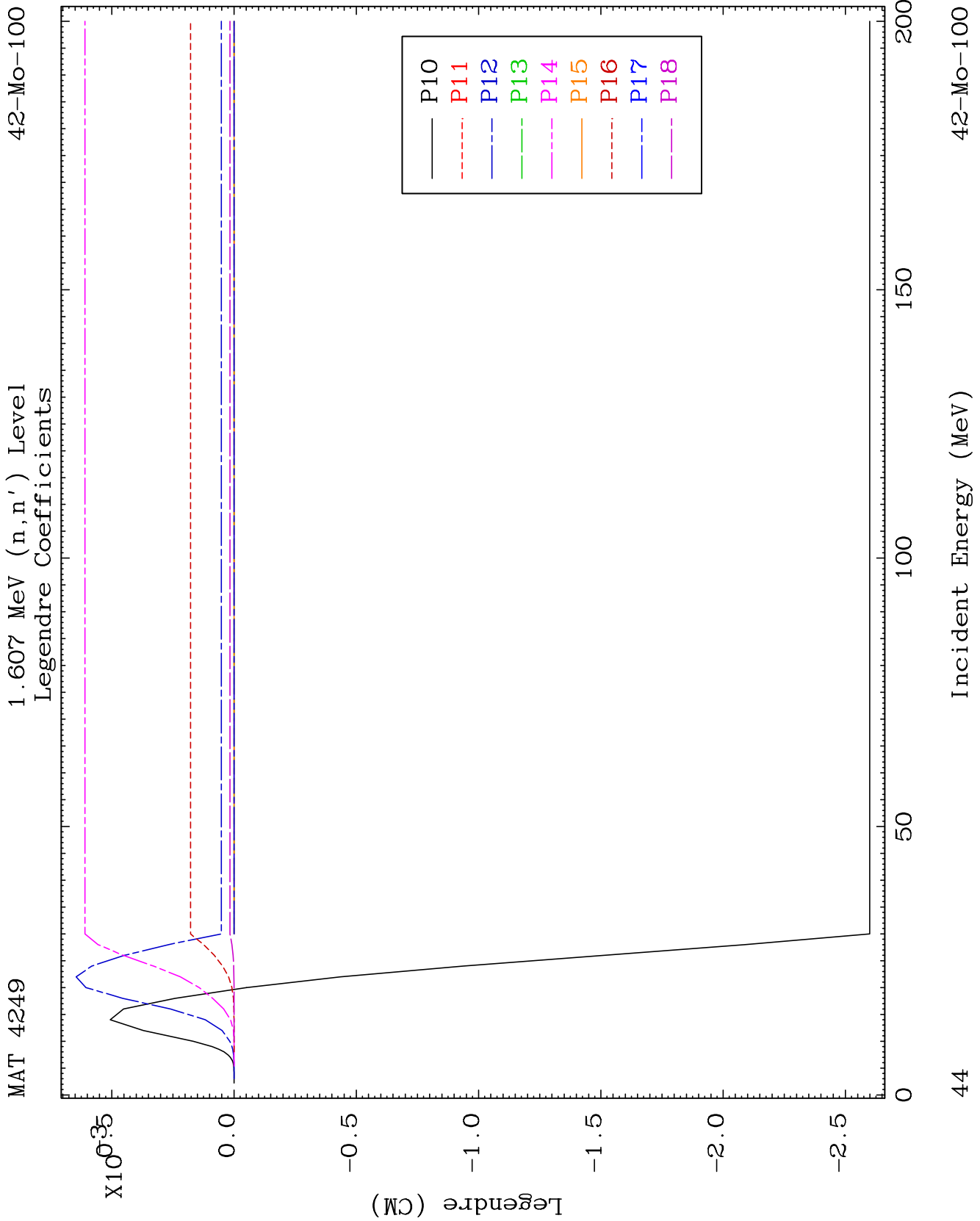


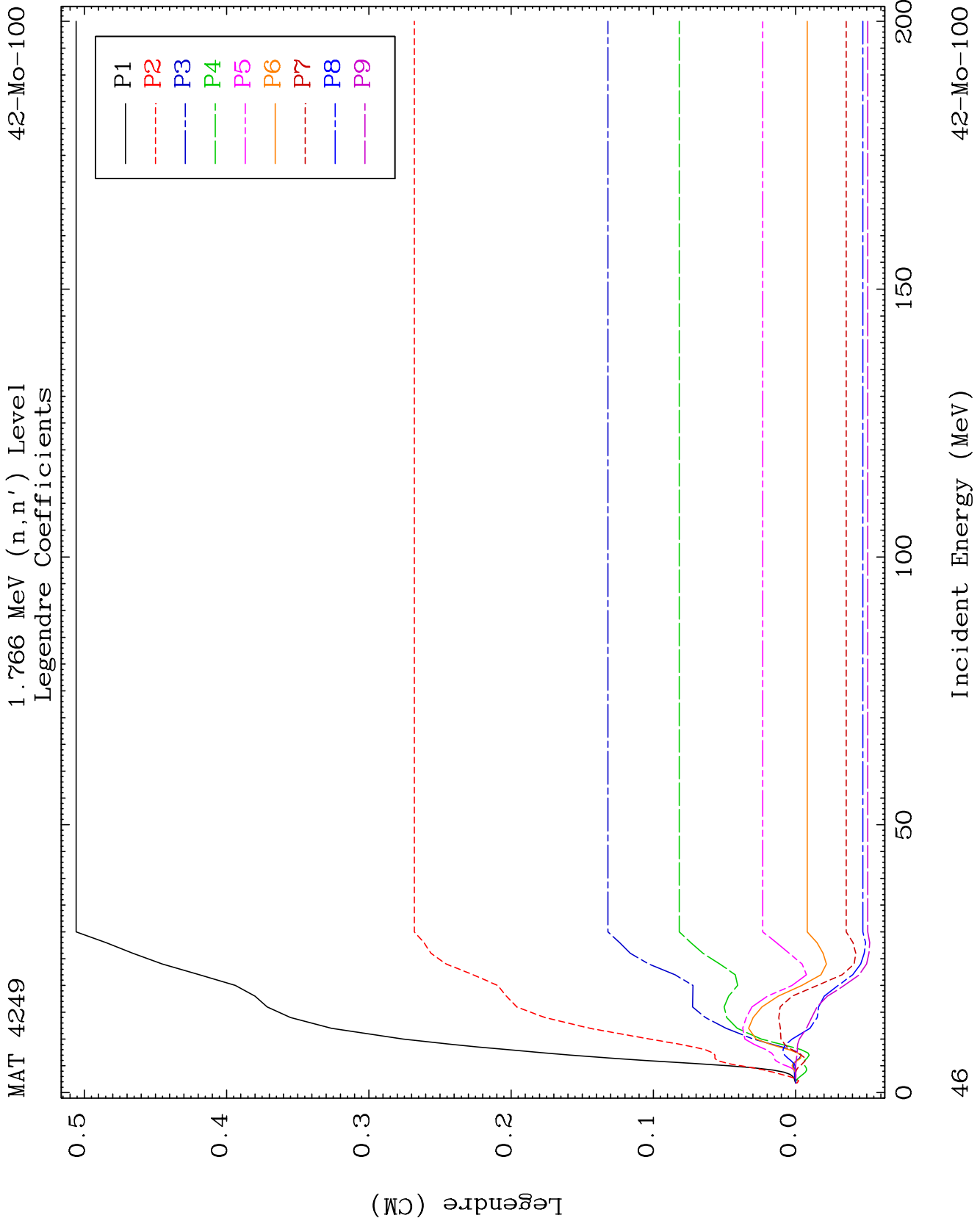








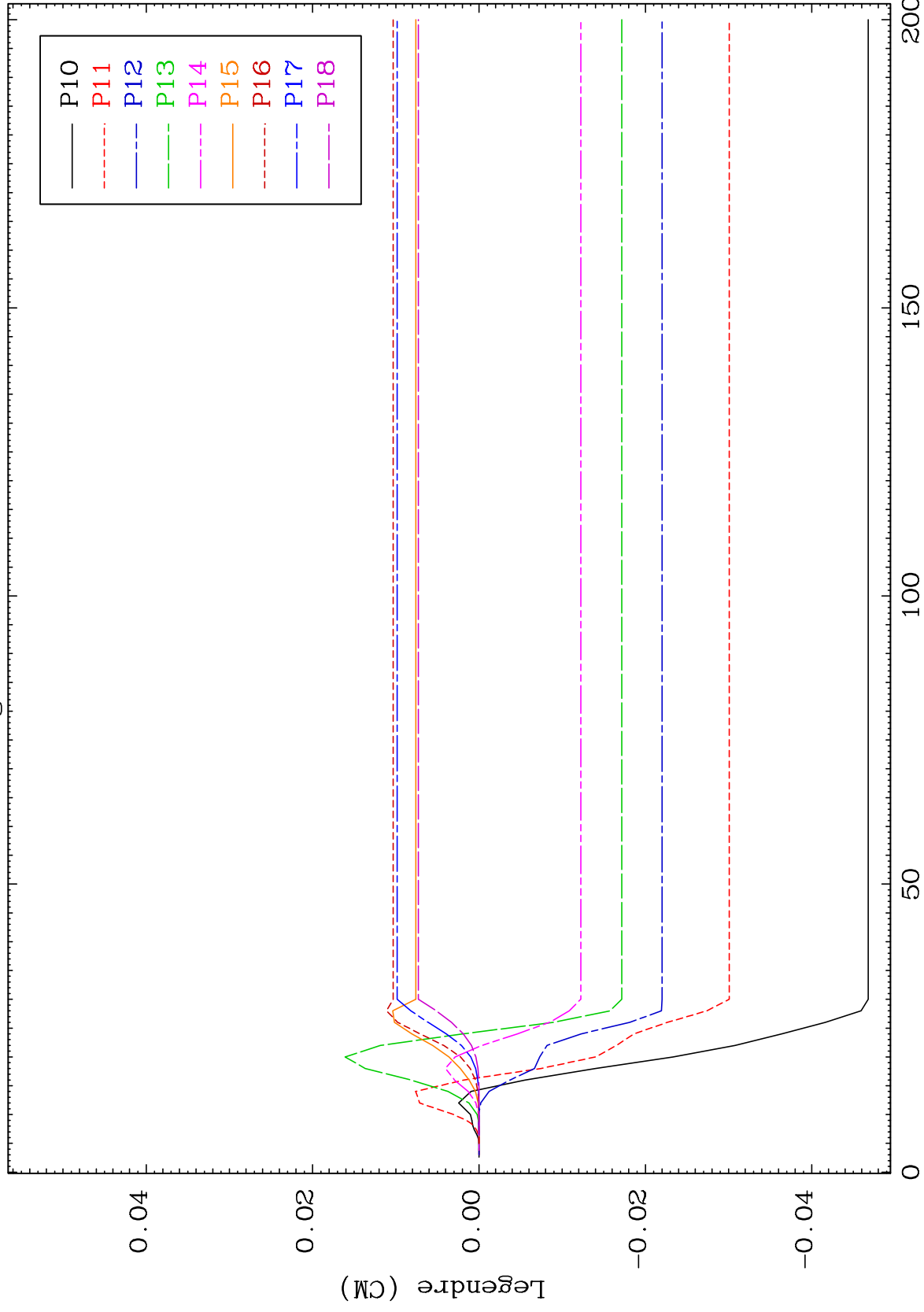




MAT 4249

1.766 MeV (n, n') Level
Legendre Coefficients

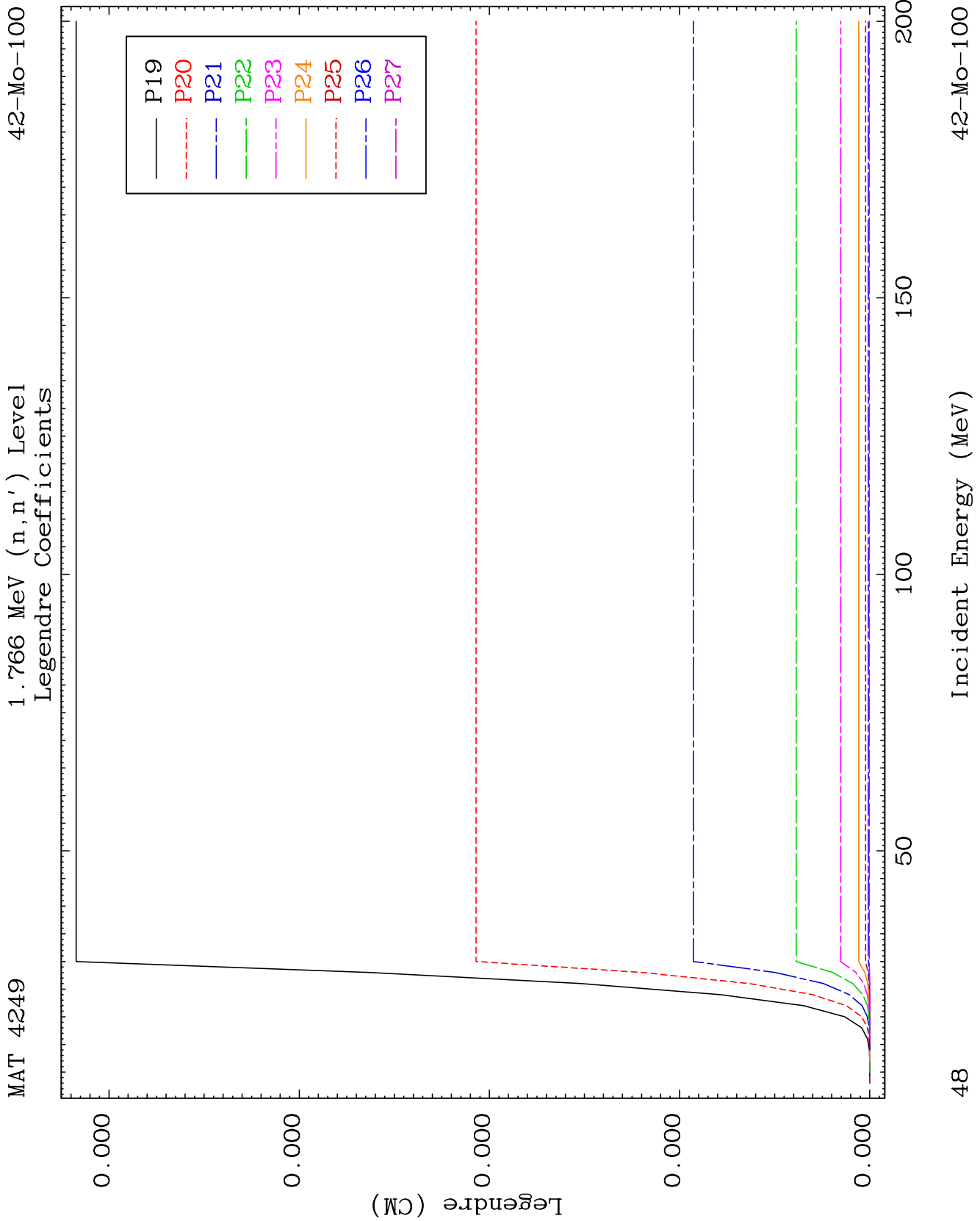
42-Mo-100

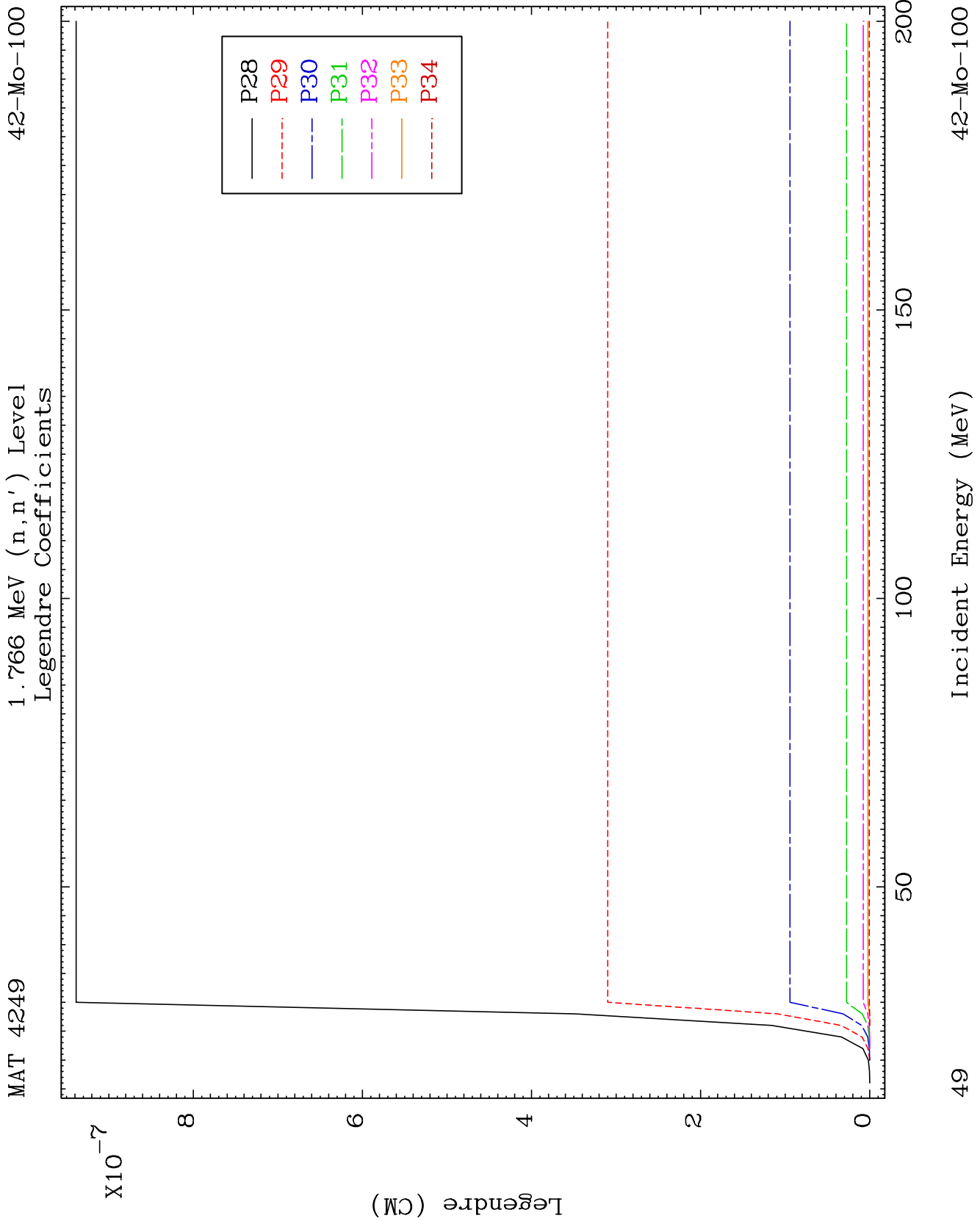


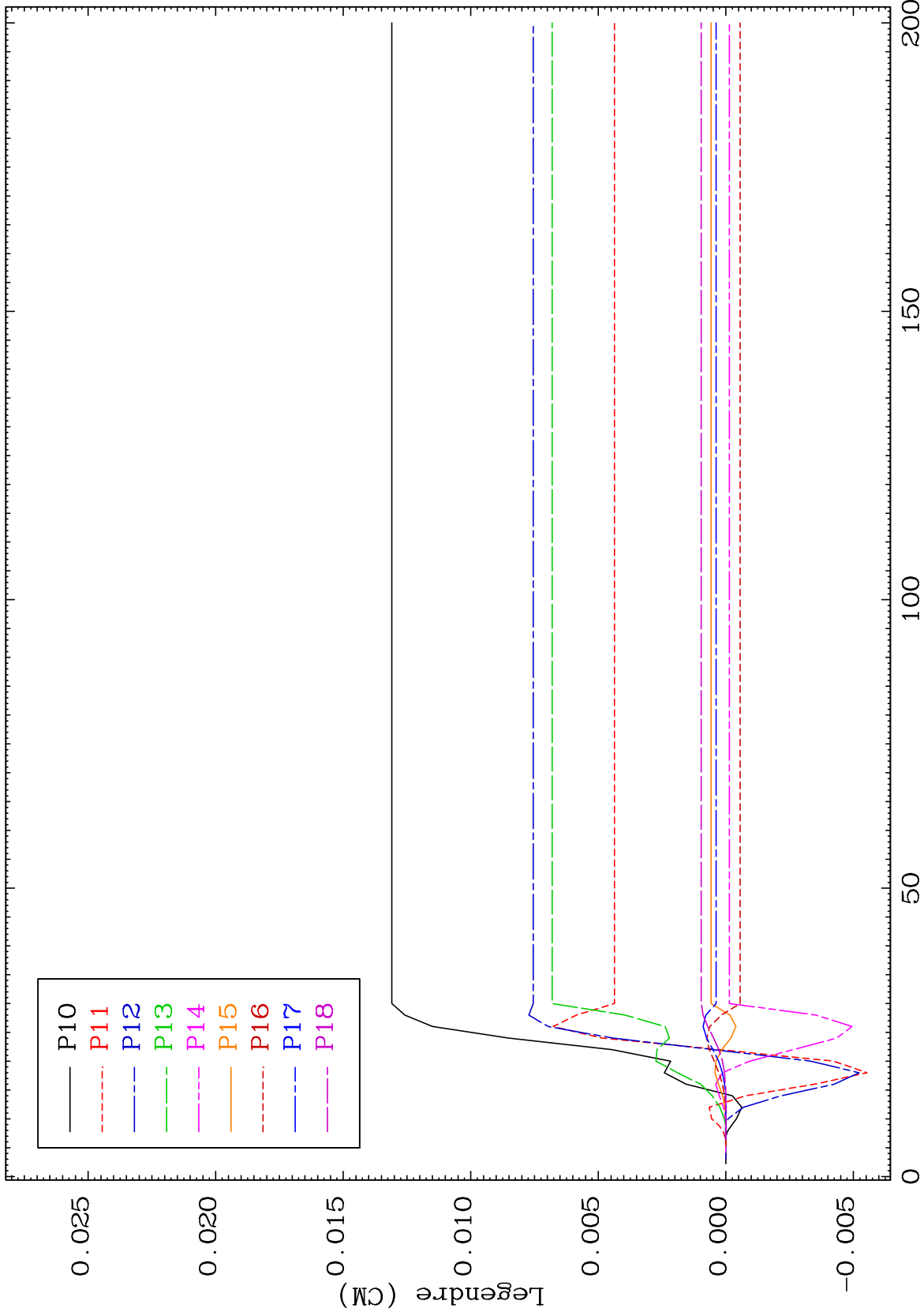
47

Incident Energy (MeV)

42-Mo-100



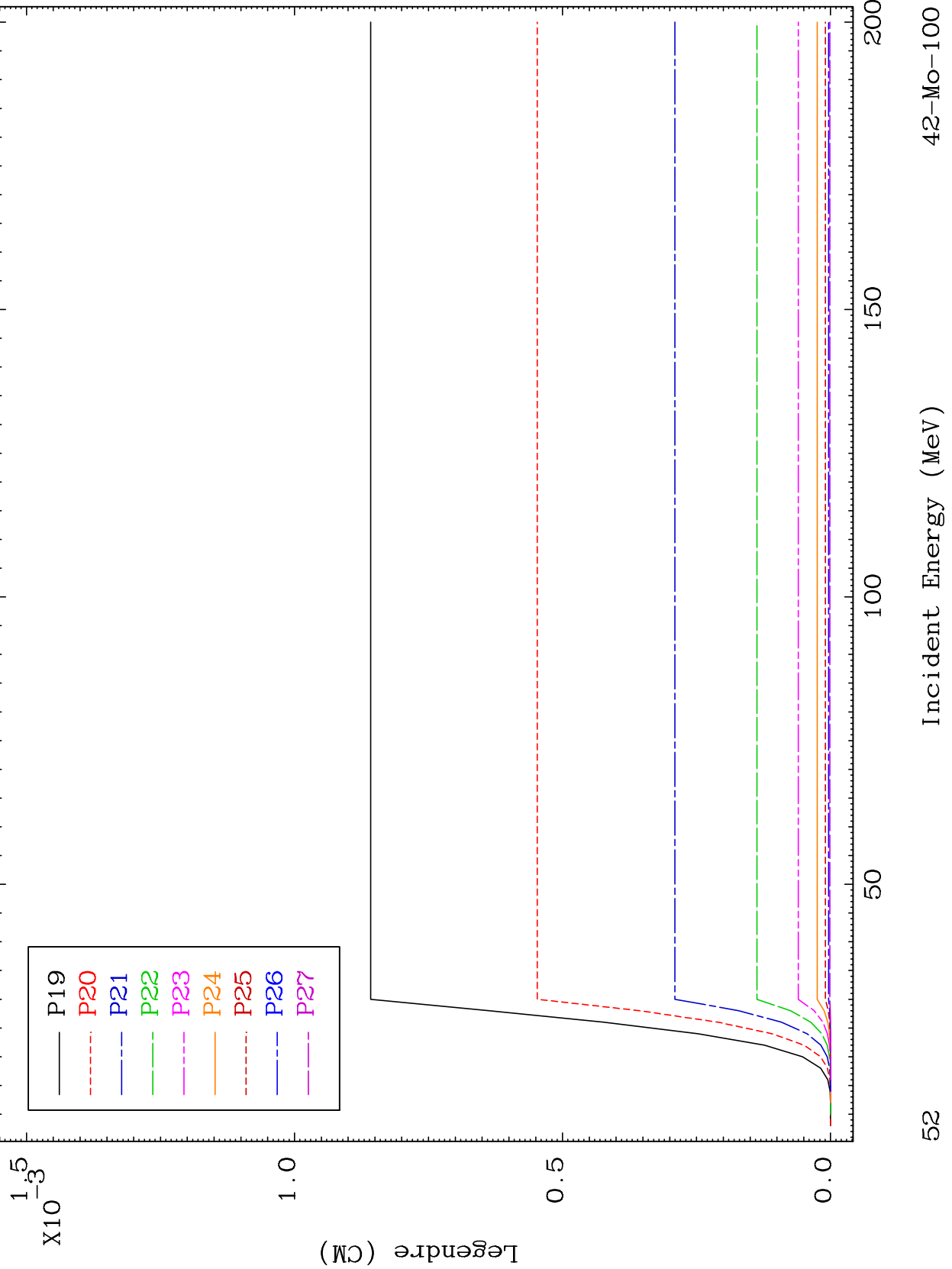




MAT 4249

1.771 MeV (n, n') Level
Legendre Coefficients

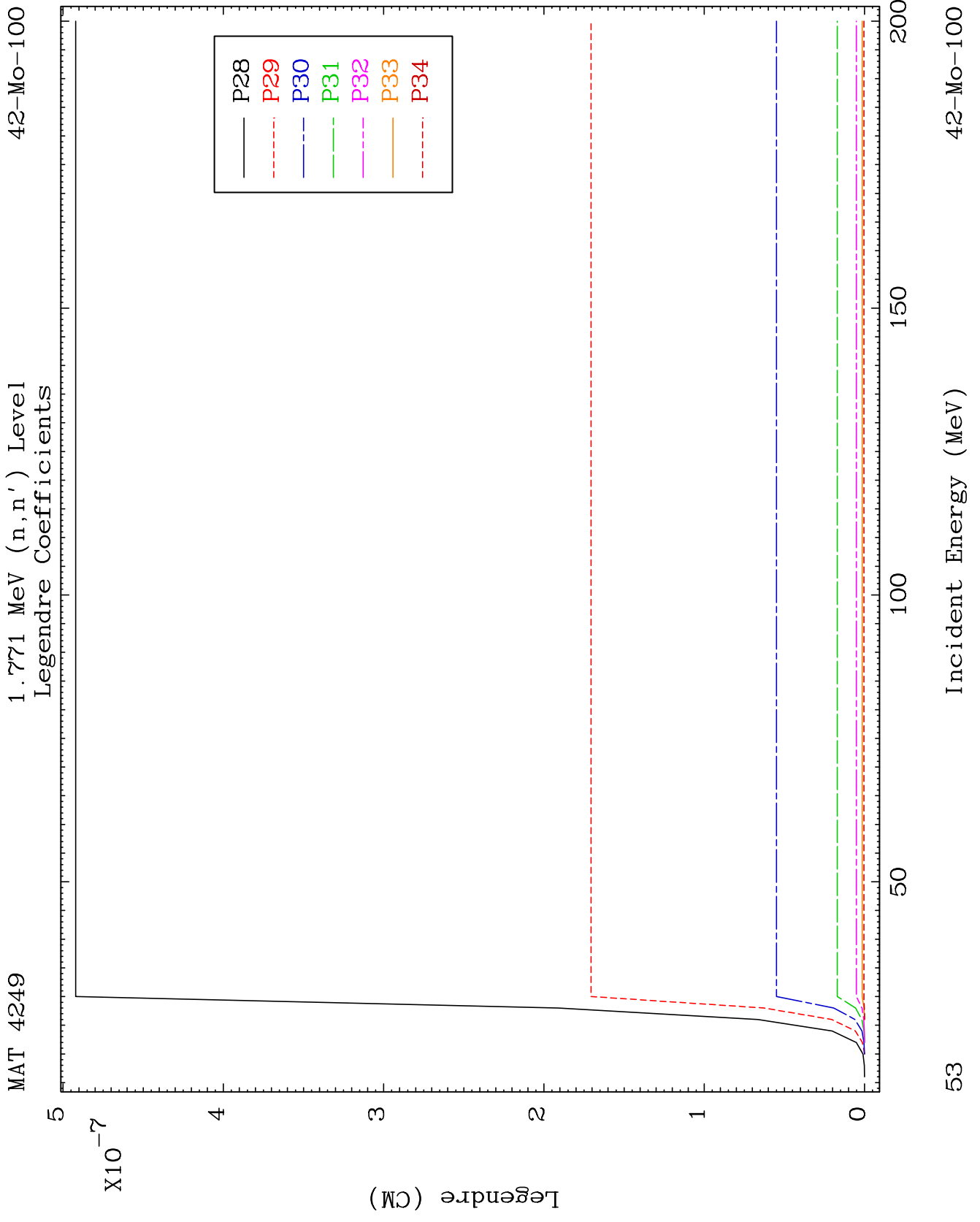
42-Mo-100

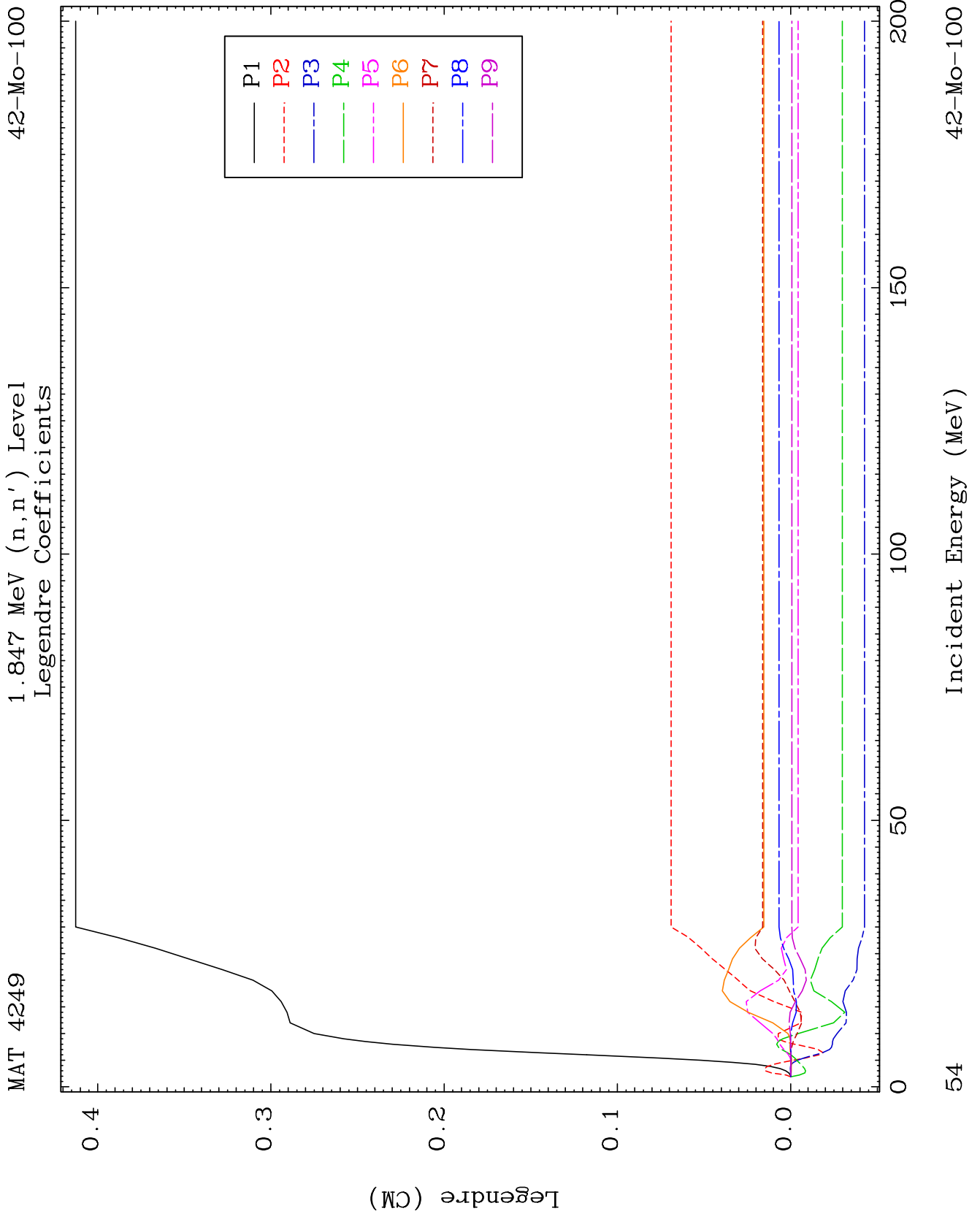


52

Incident Energy (MeV)

42-Mo-100

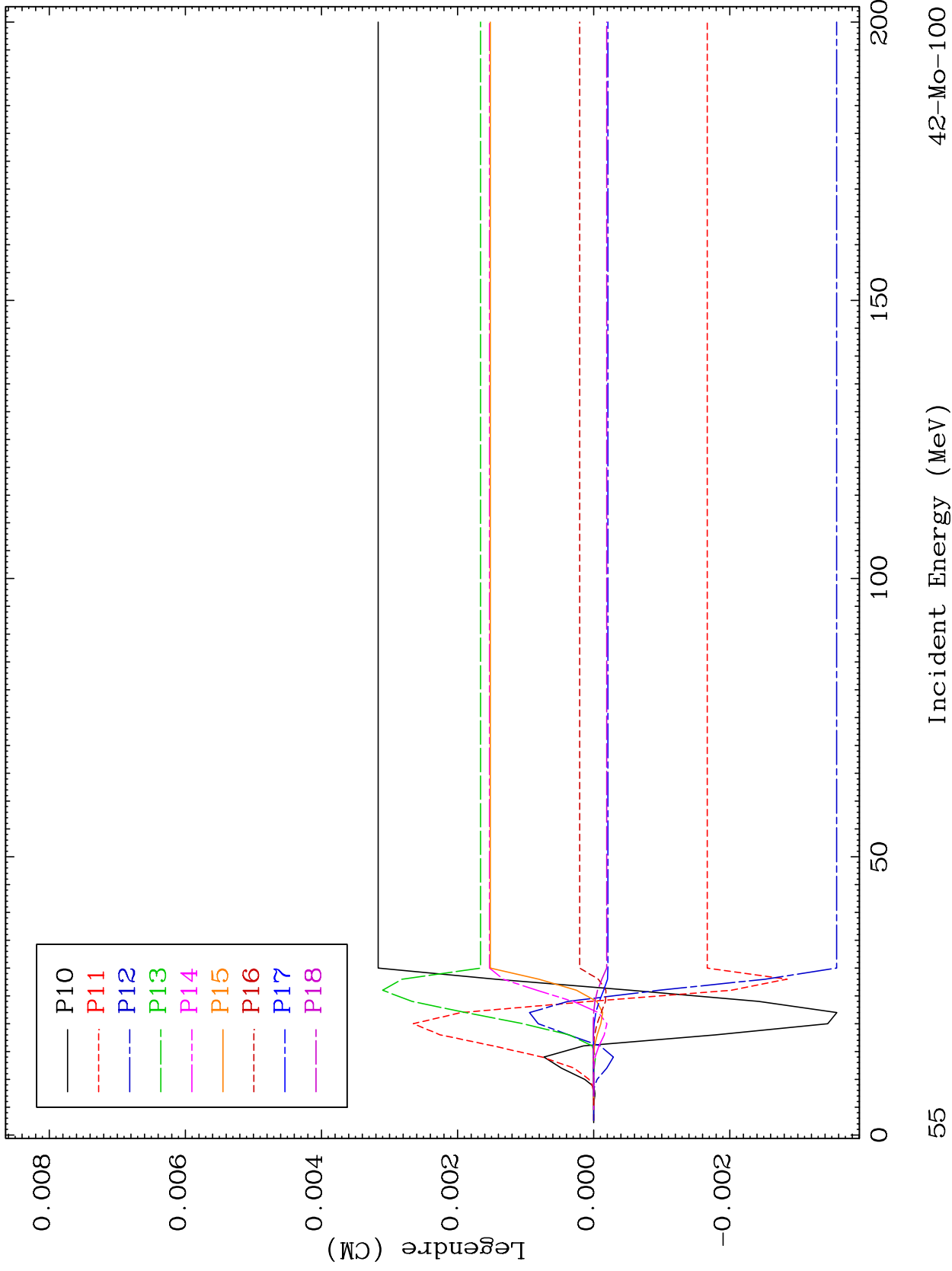




MAT 4249

1.847 MeV (n,n') Level
Legendre Coefficients

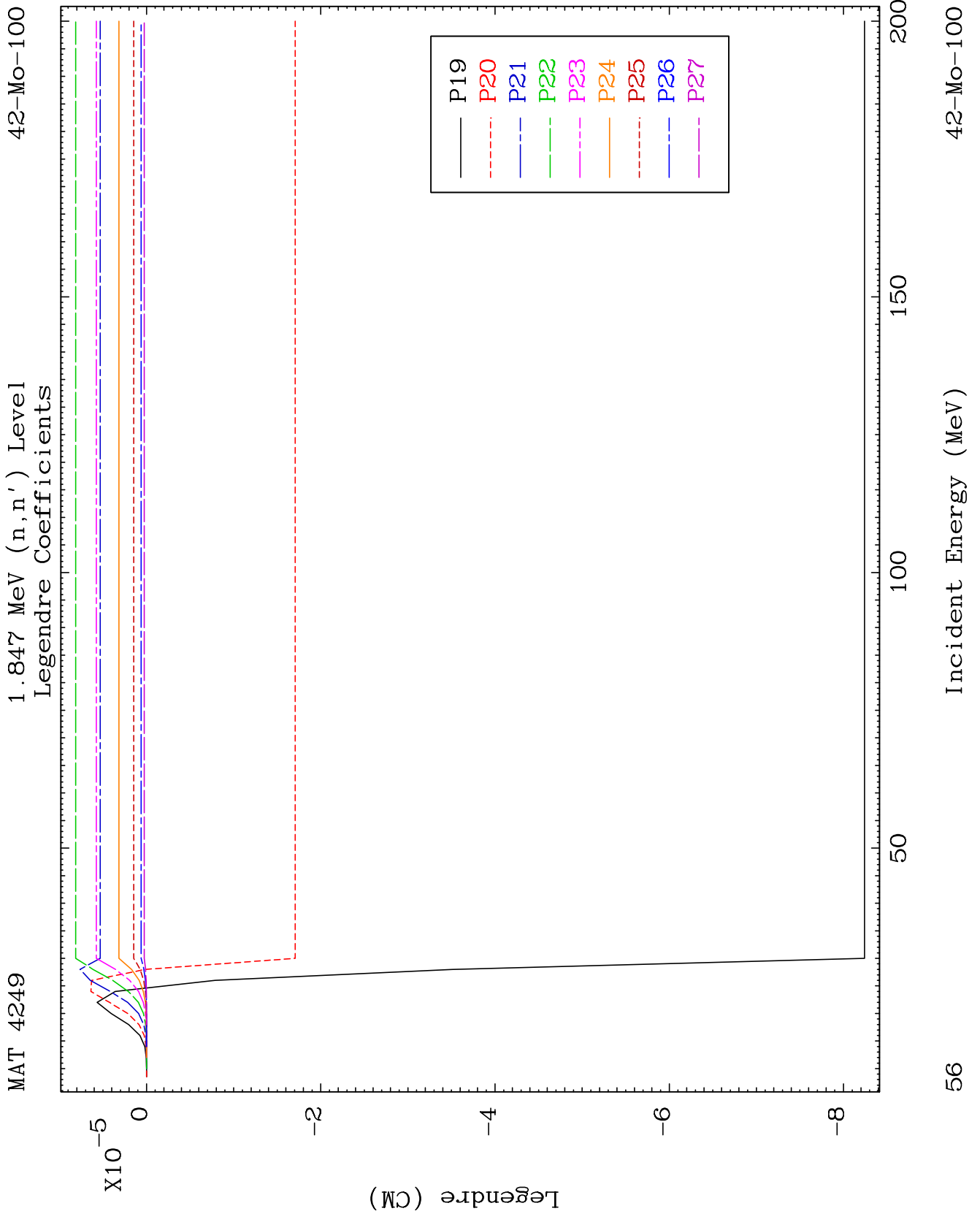
42-Mo-100

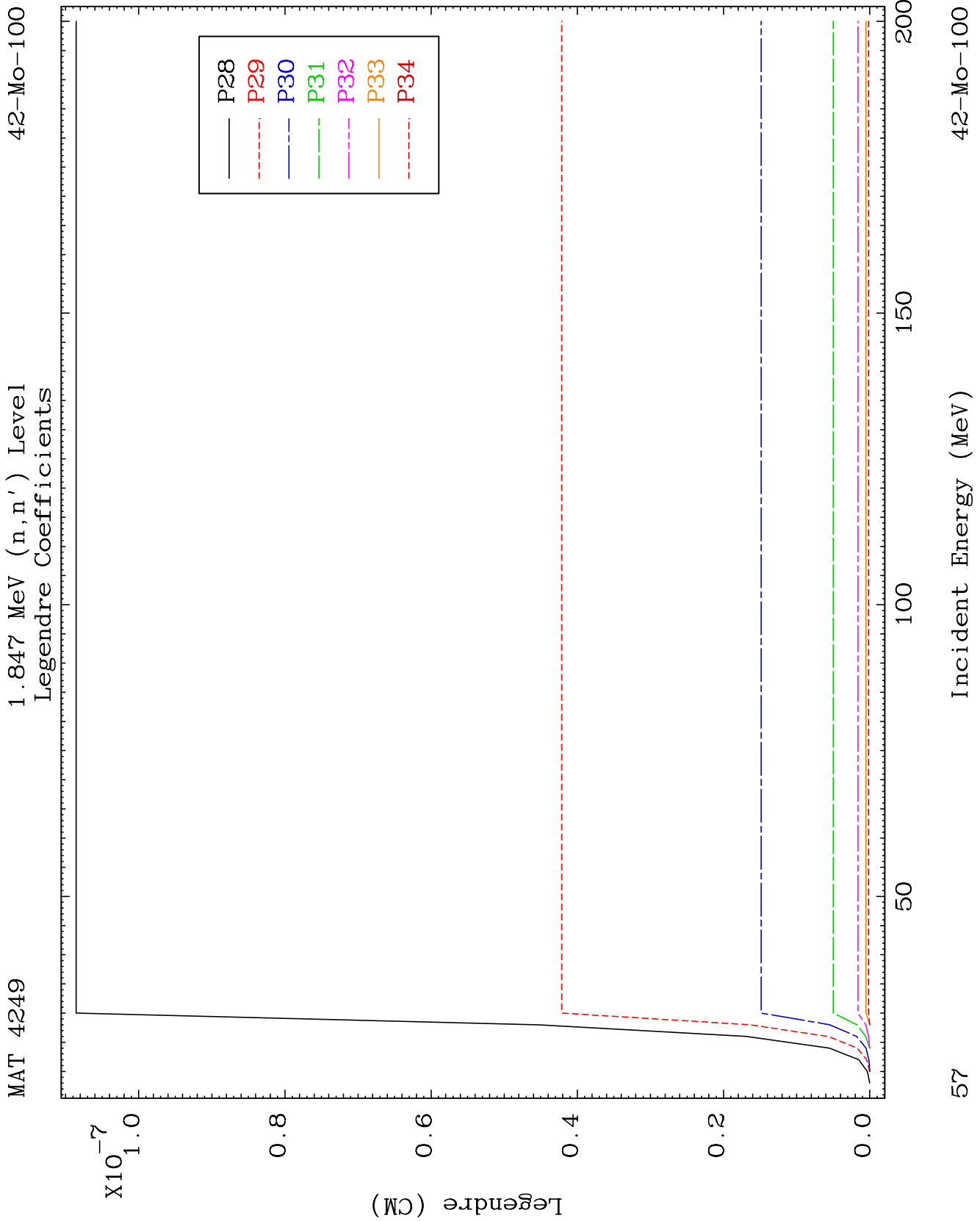


55

Incident Energy (MeV)

42-Mo-100

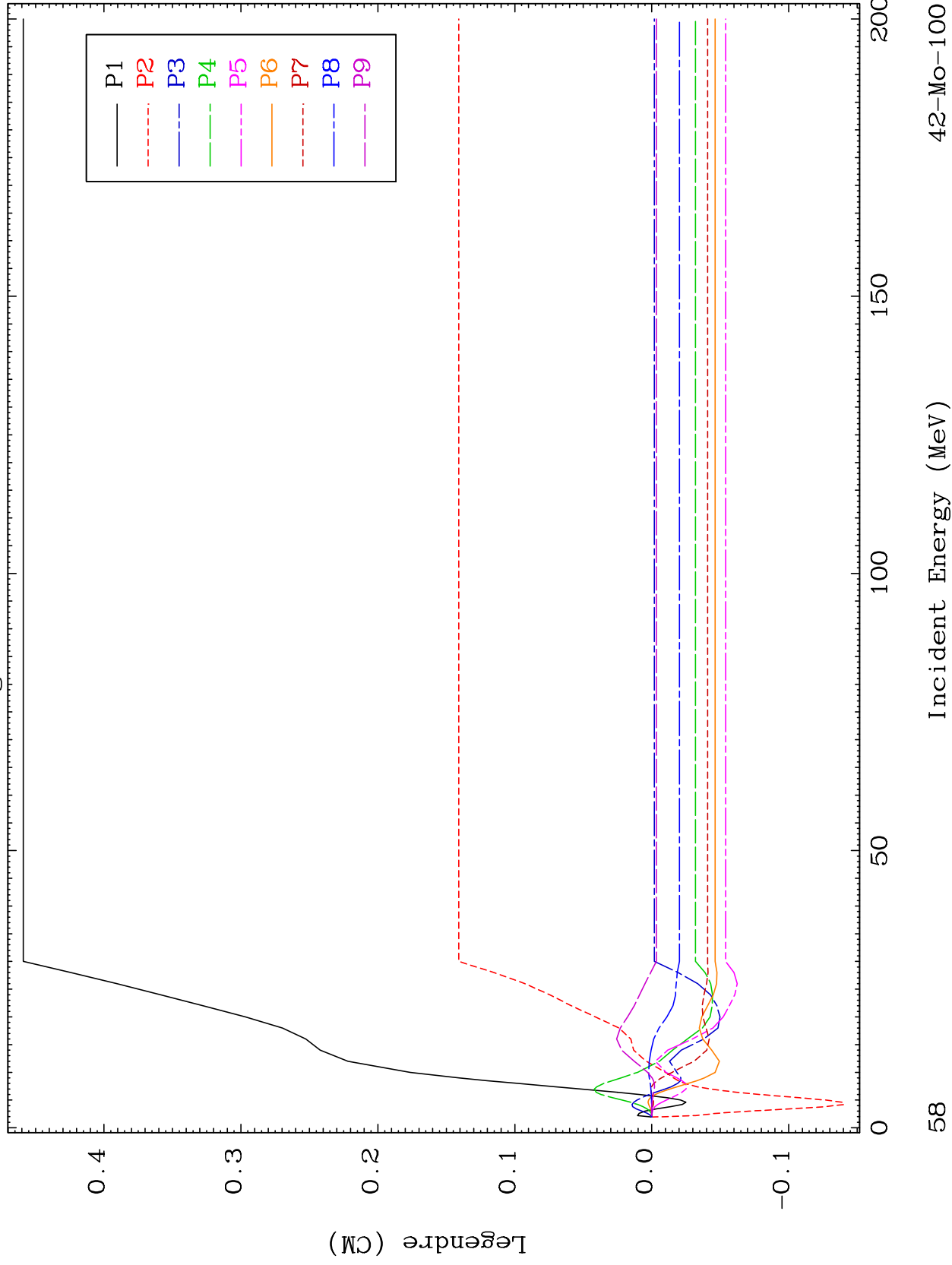


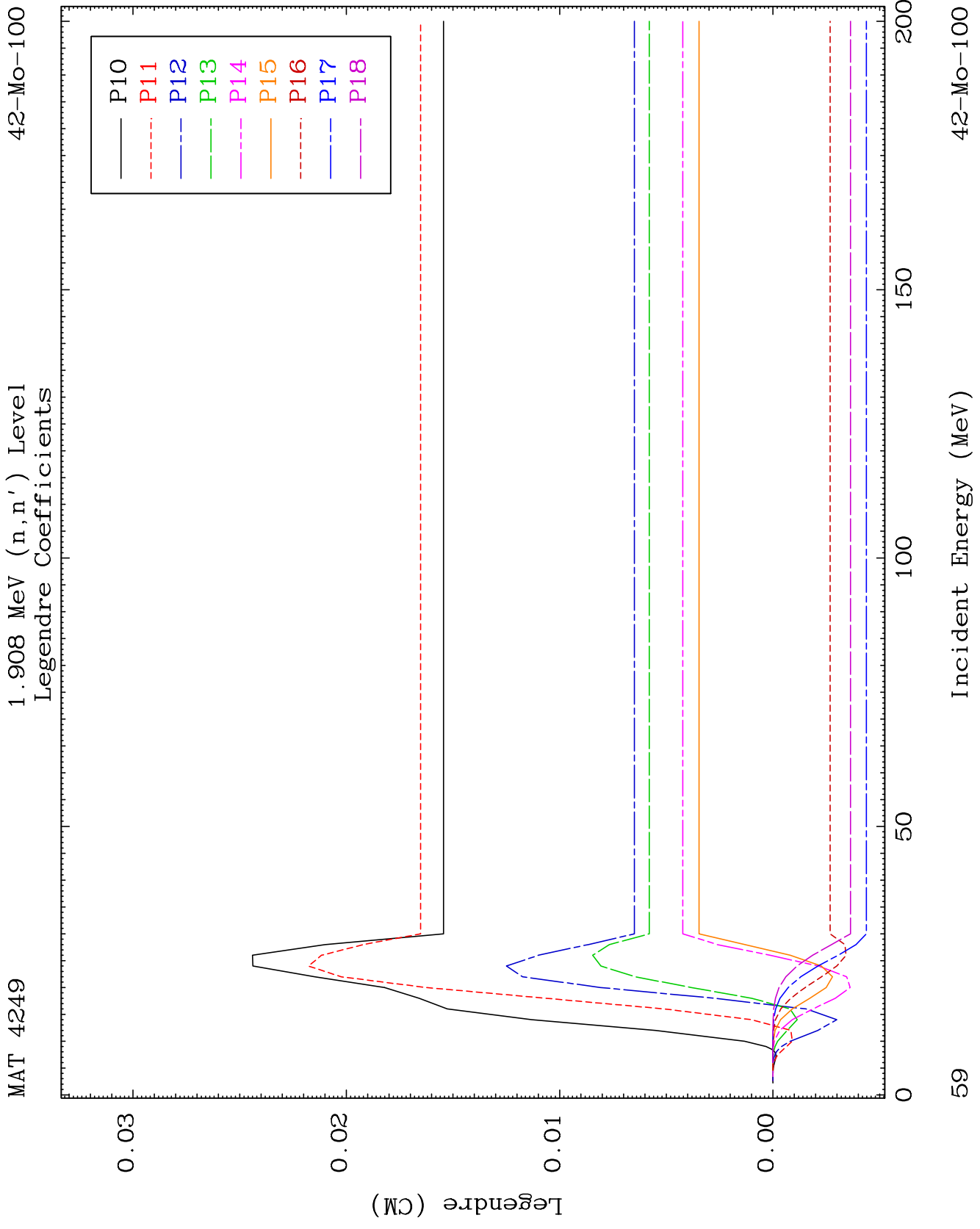


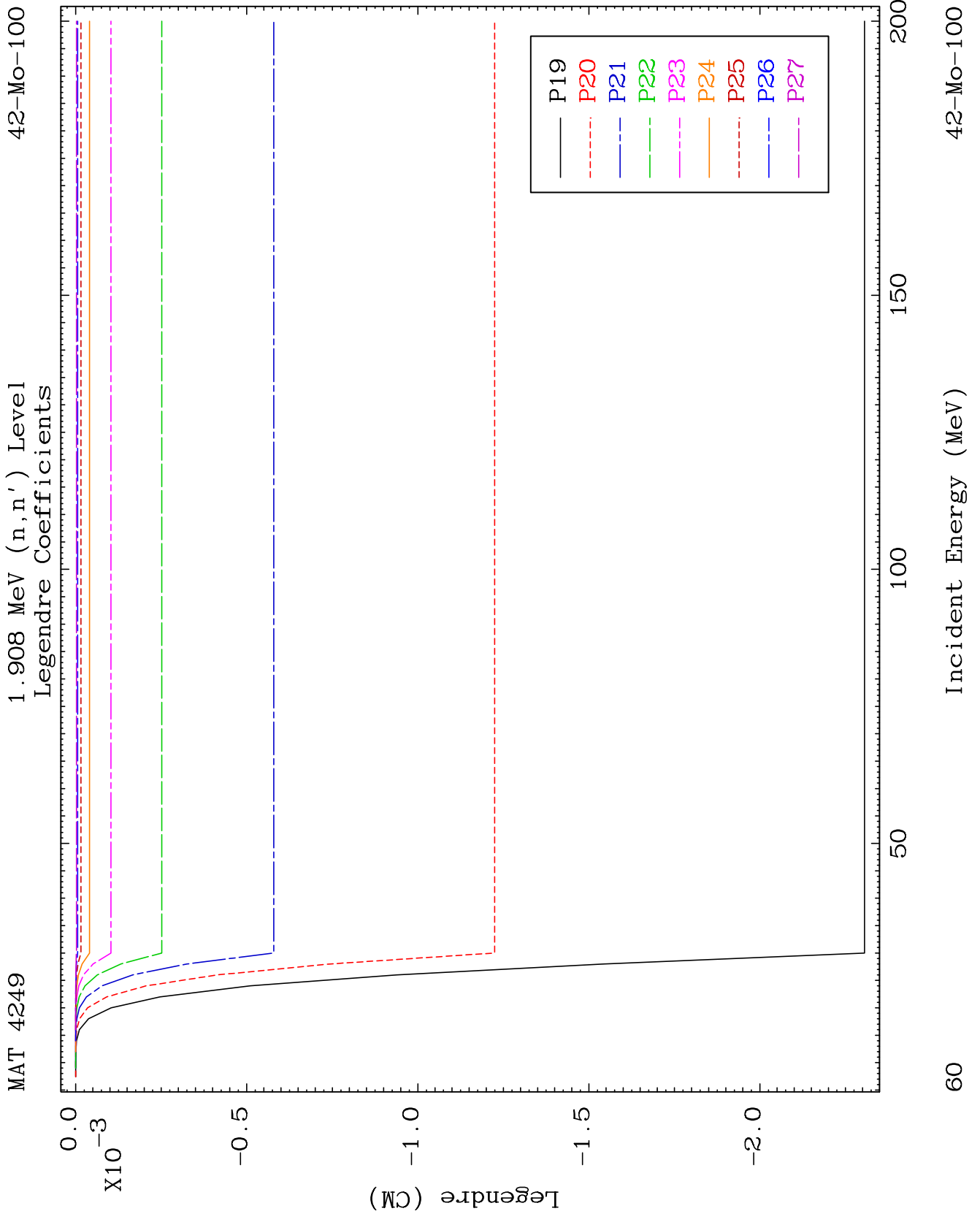
MAT 4249

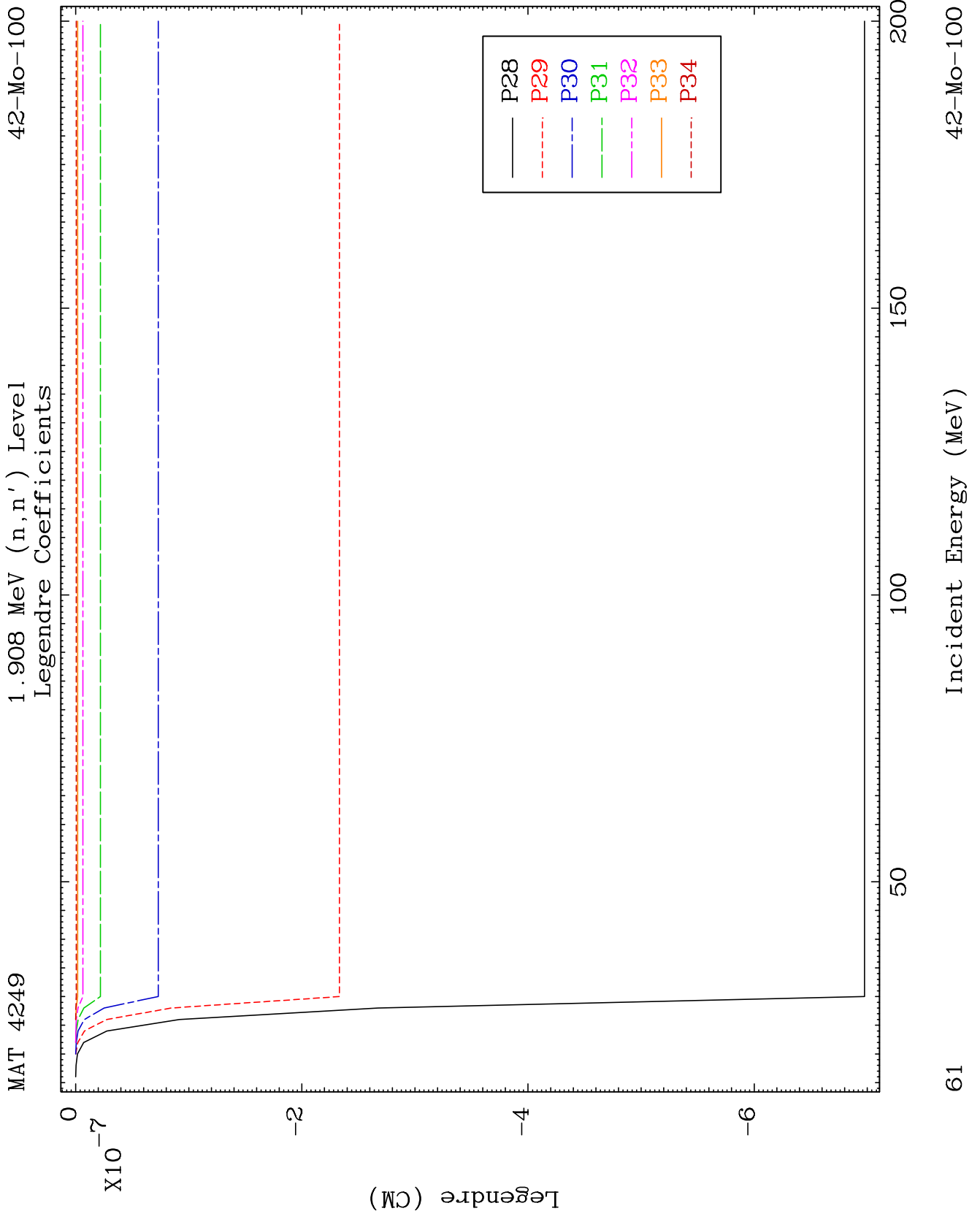
1.908 MeV (n,n') Level
Legendre Coefficients

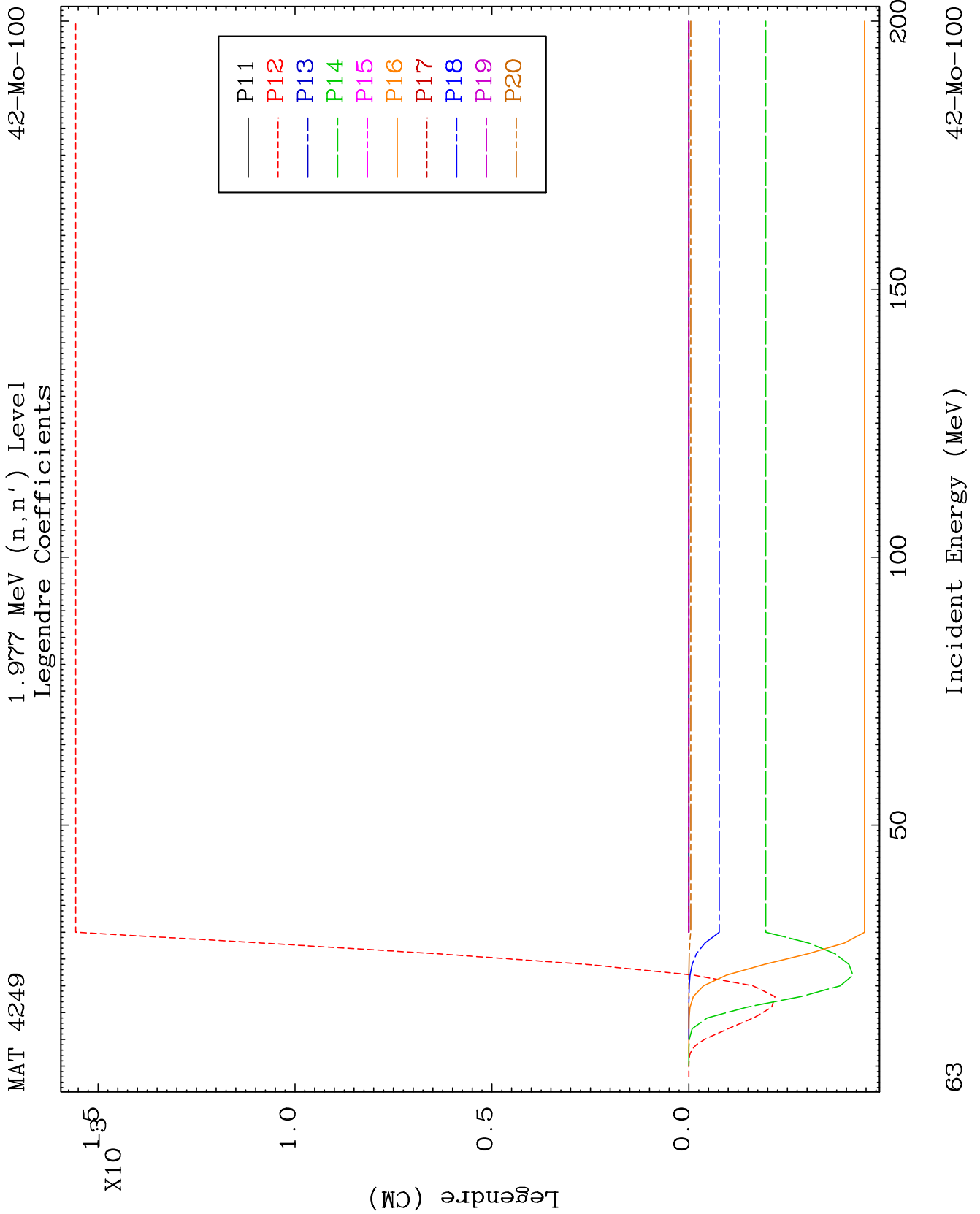
42-Mo-100

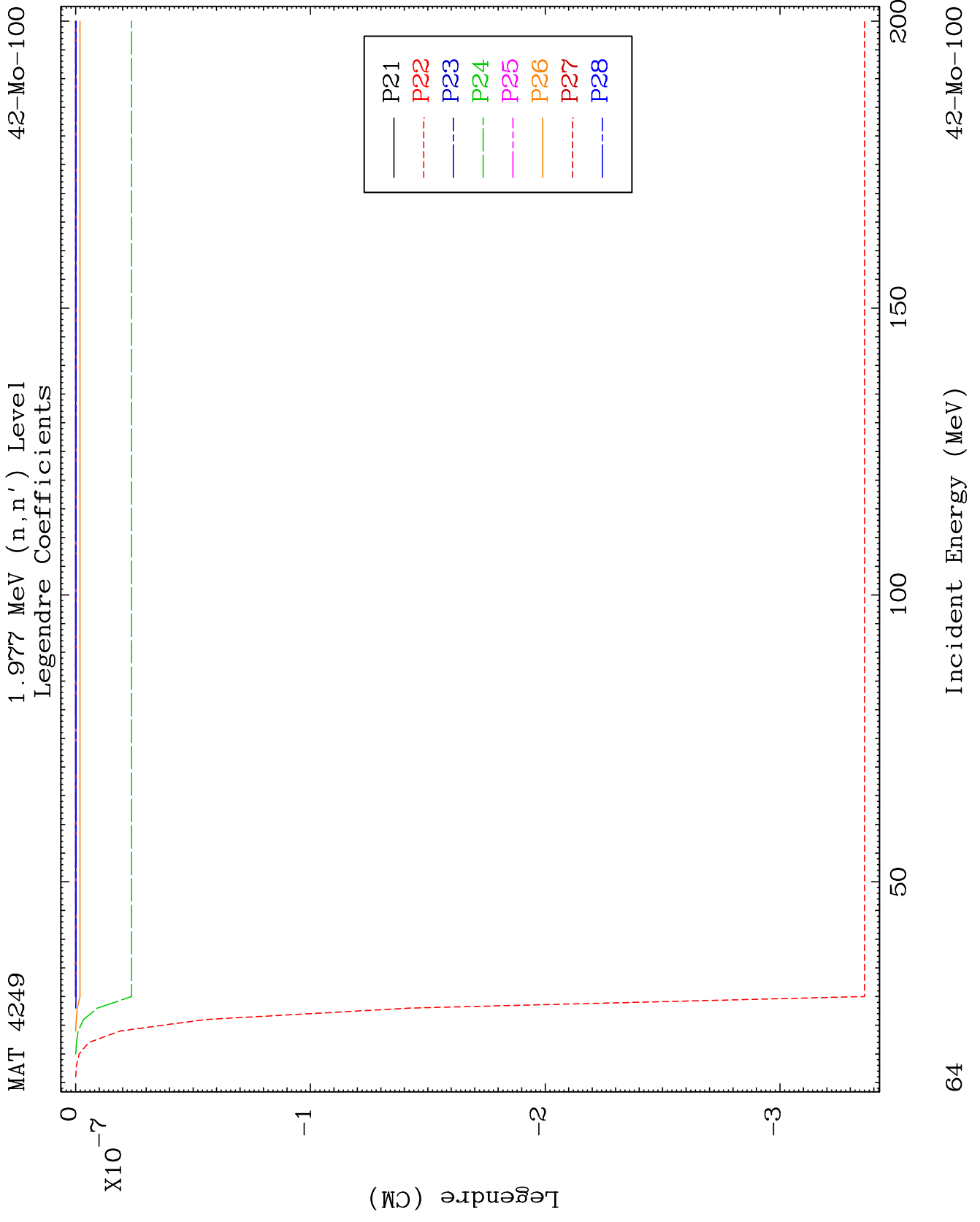


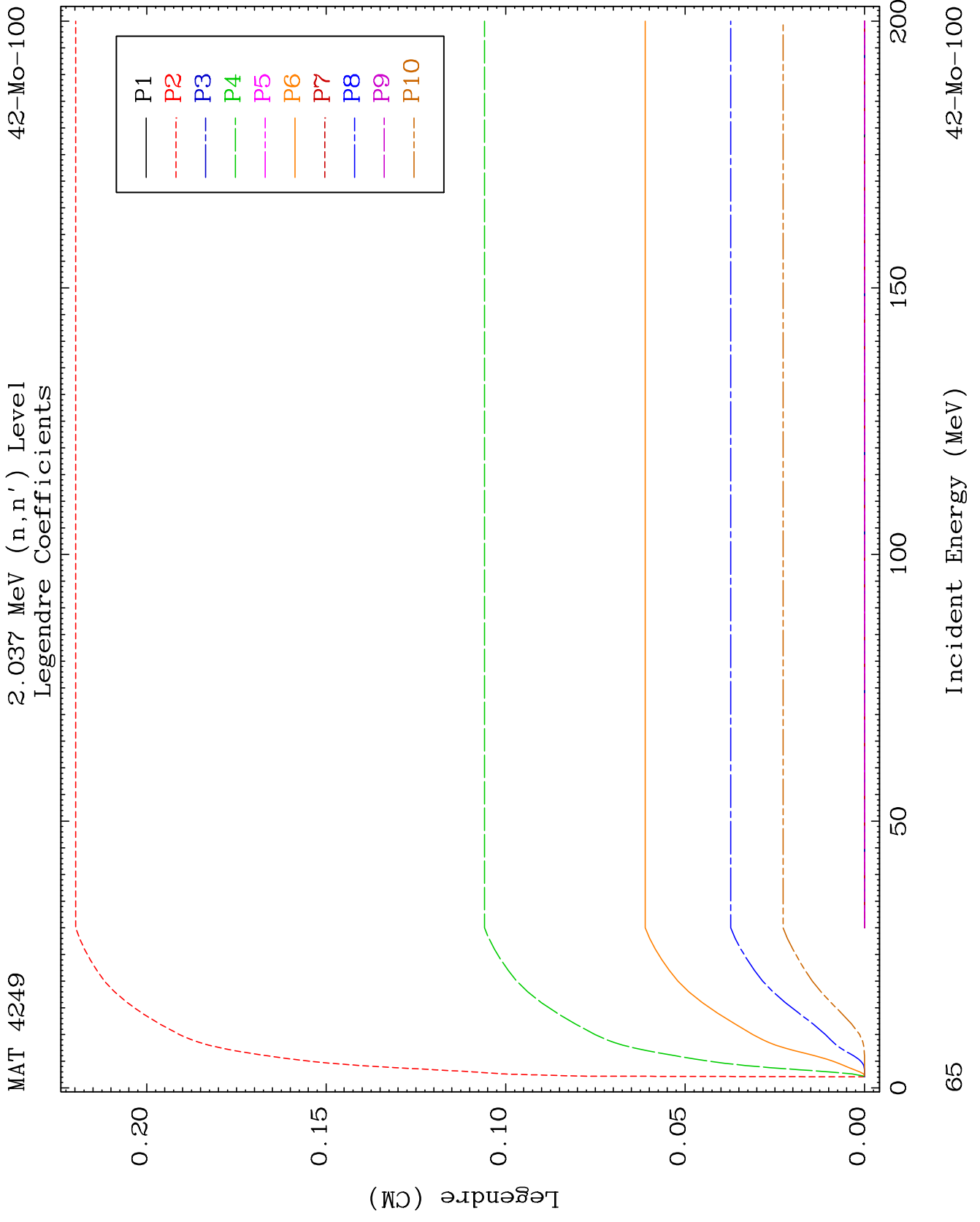


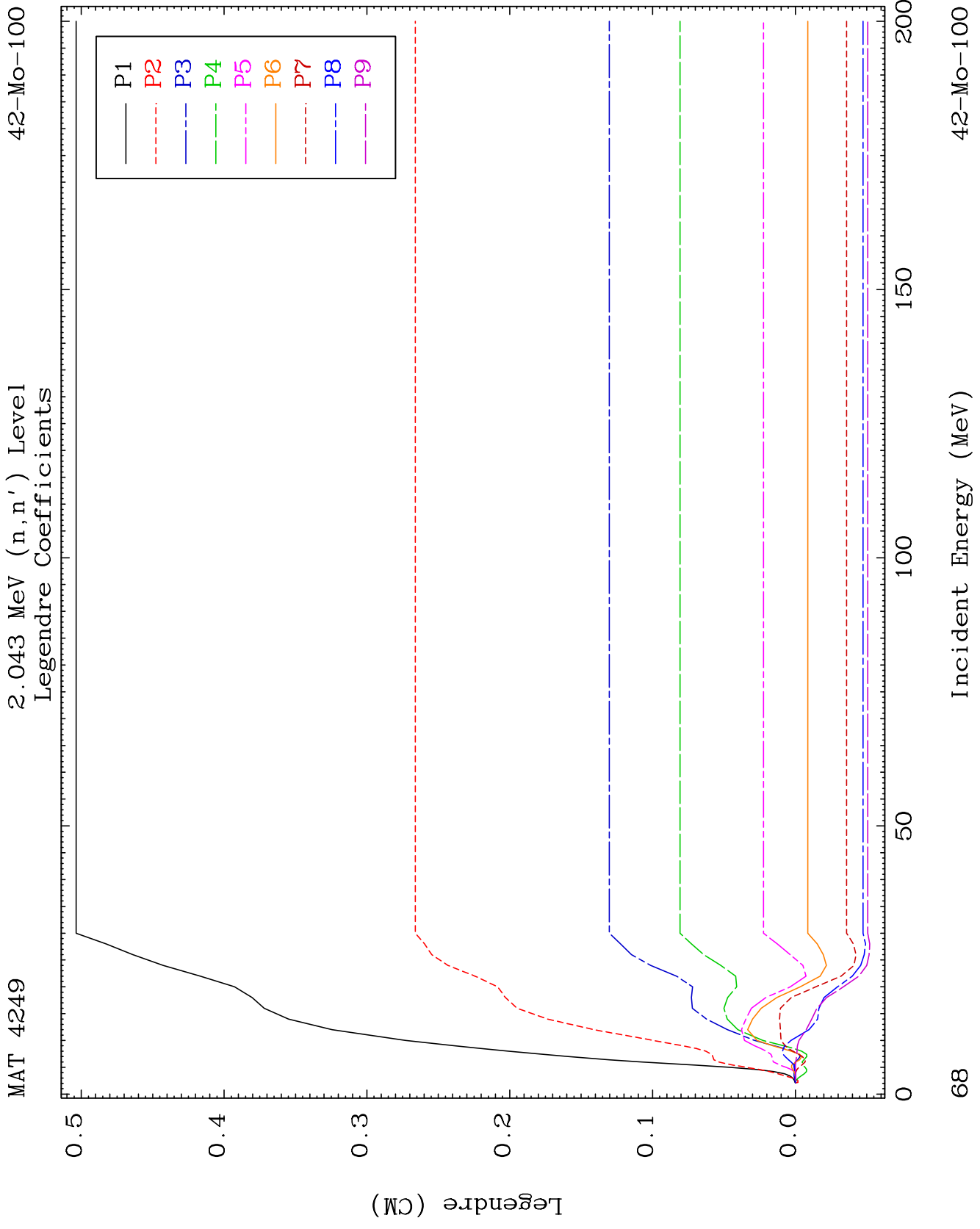


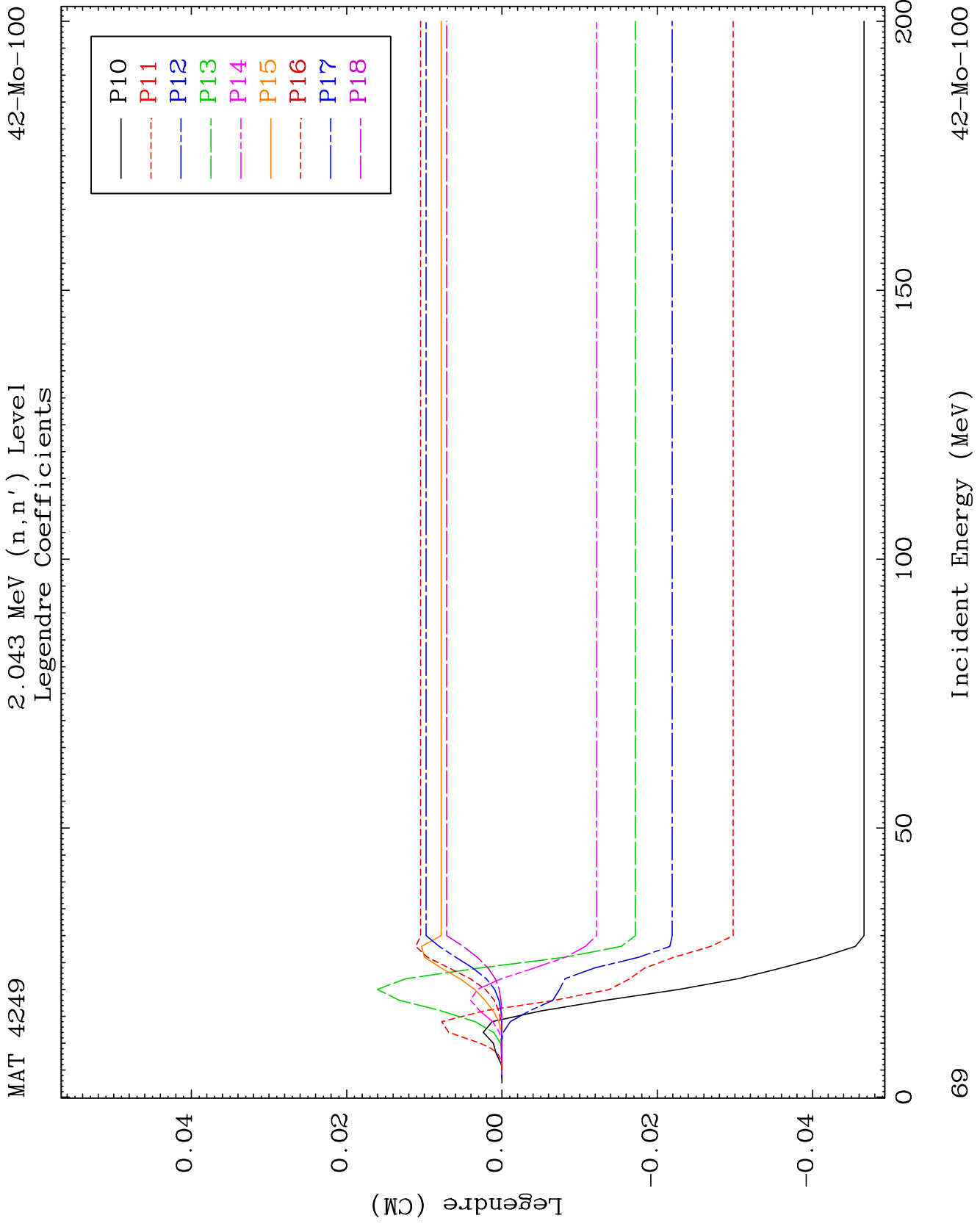


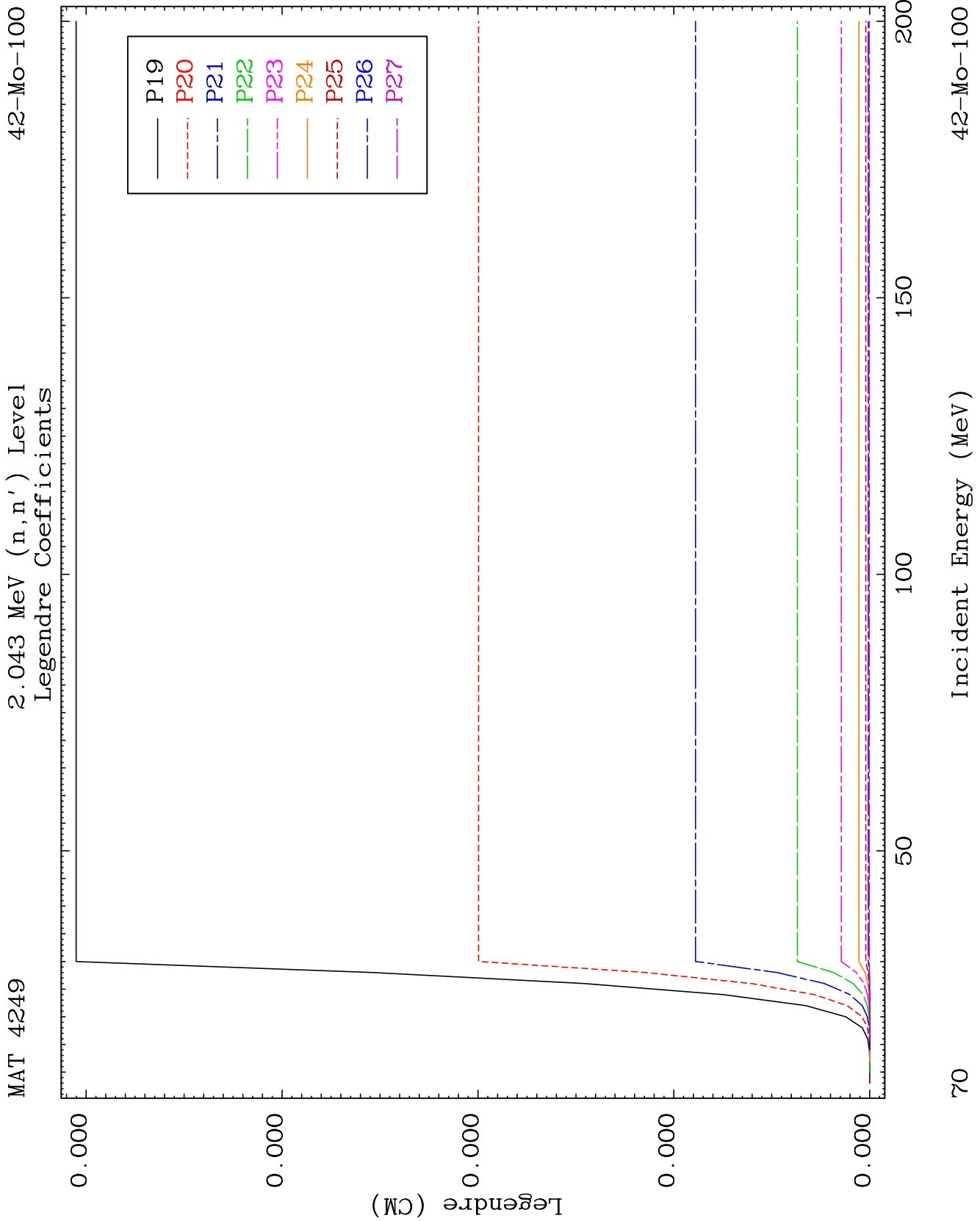








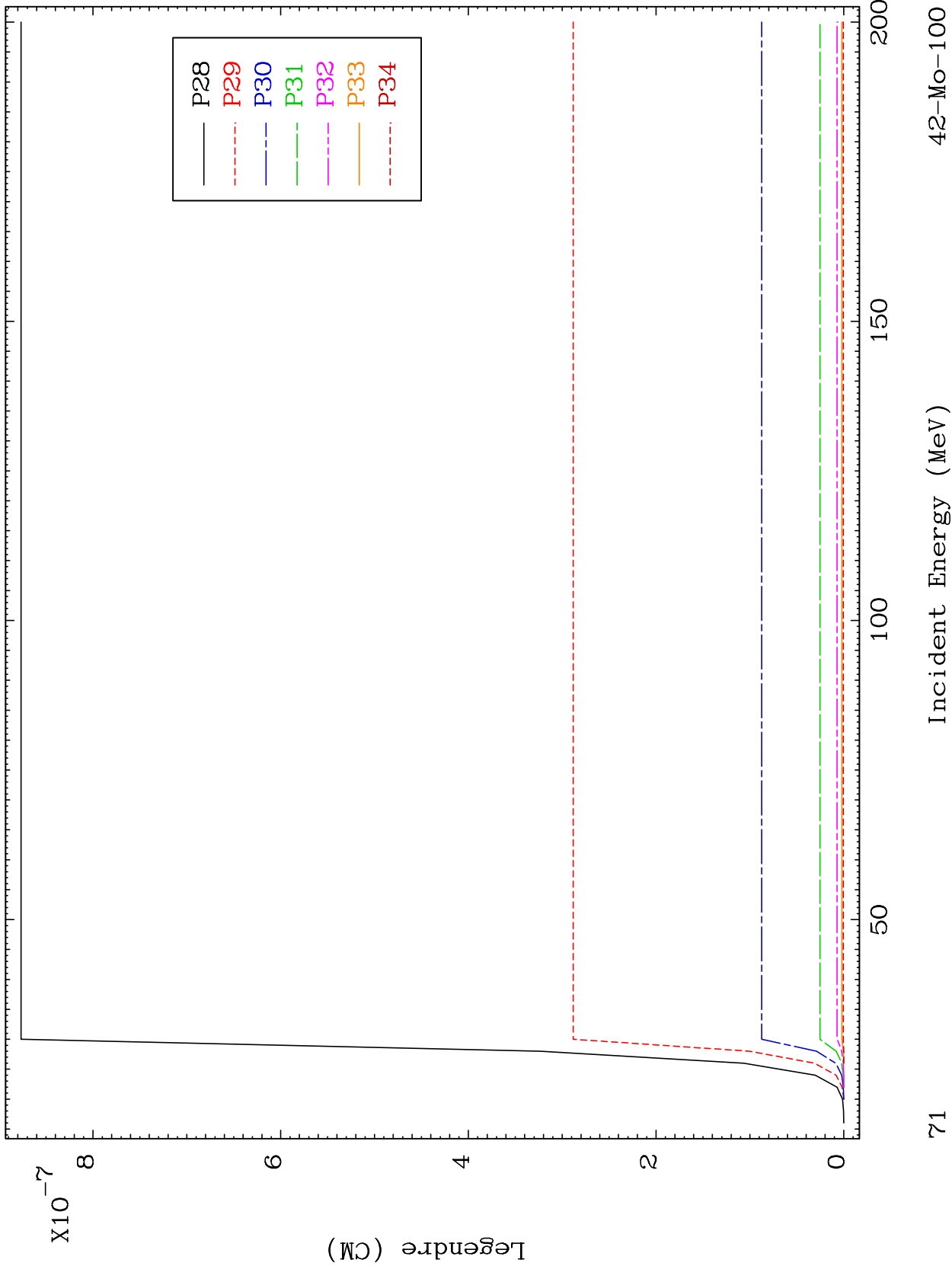


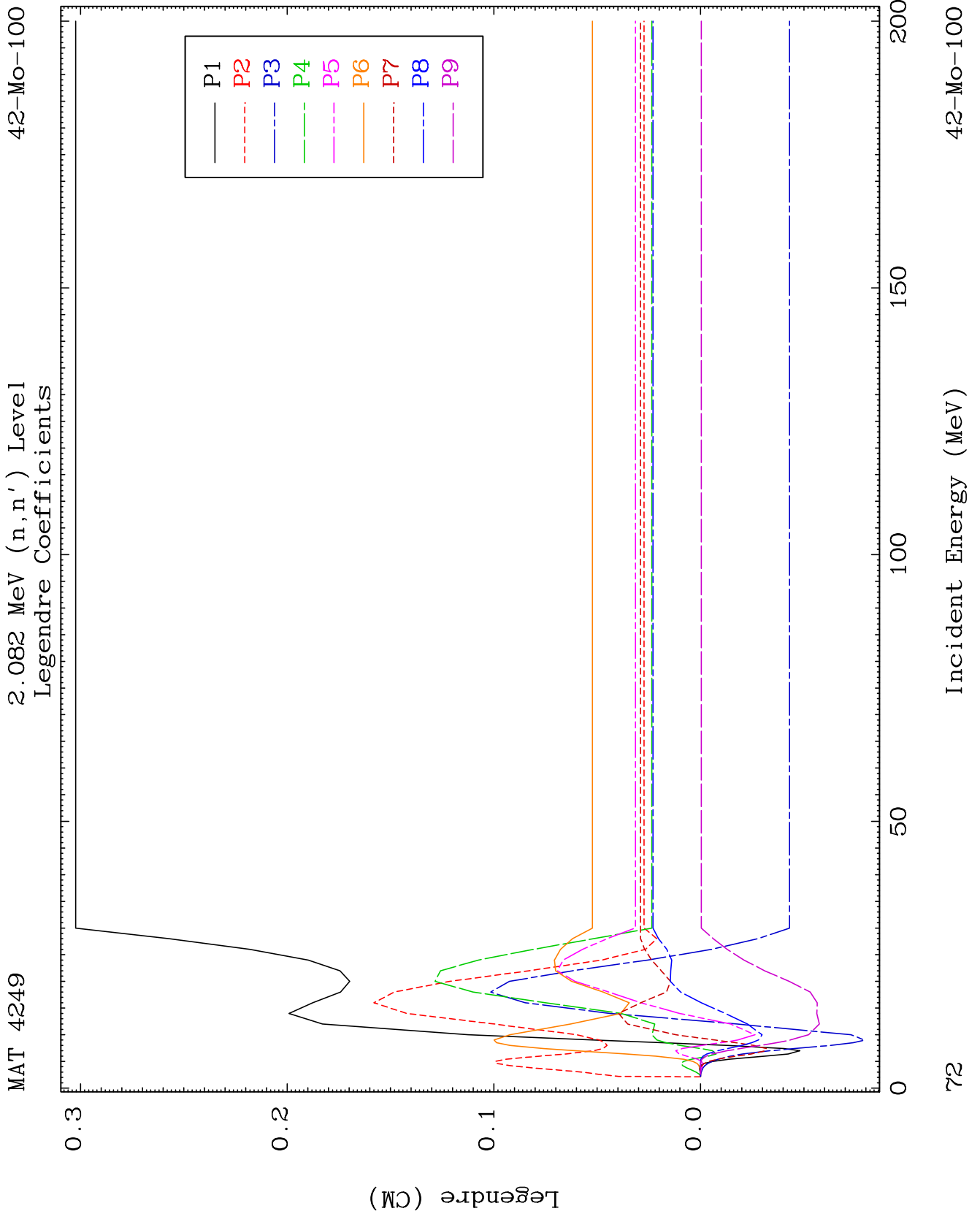


MAT 4249

2.043 MeV (n, n') Level
Legendre Coefficients

42-Mo-100

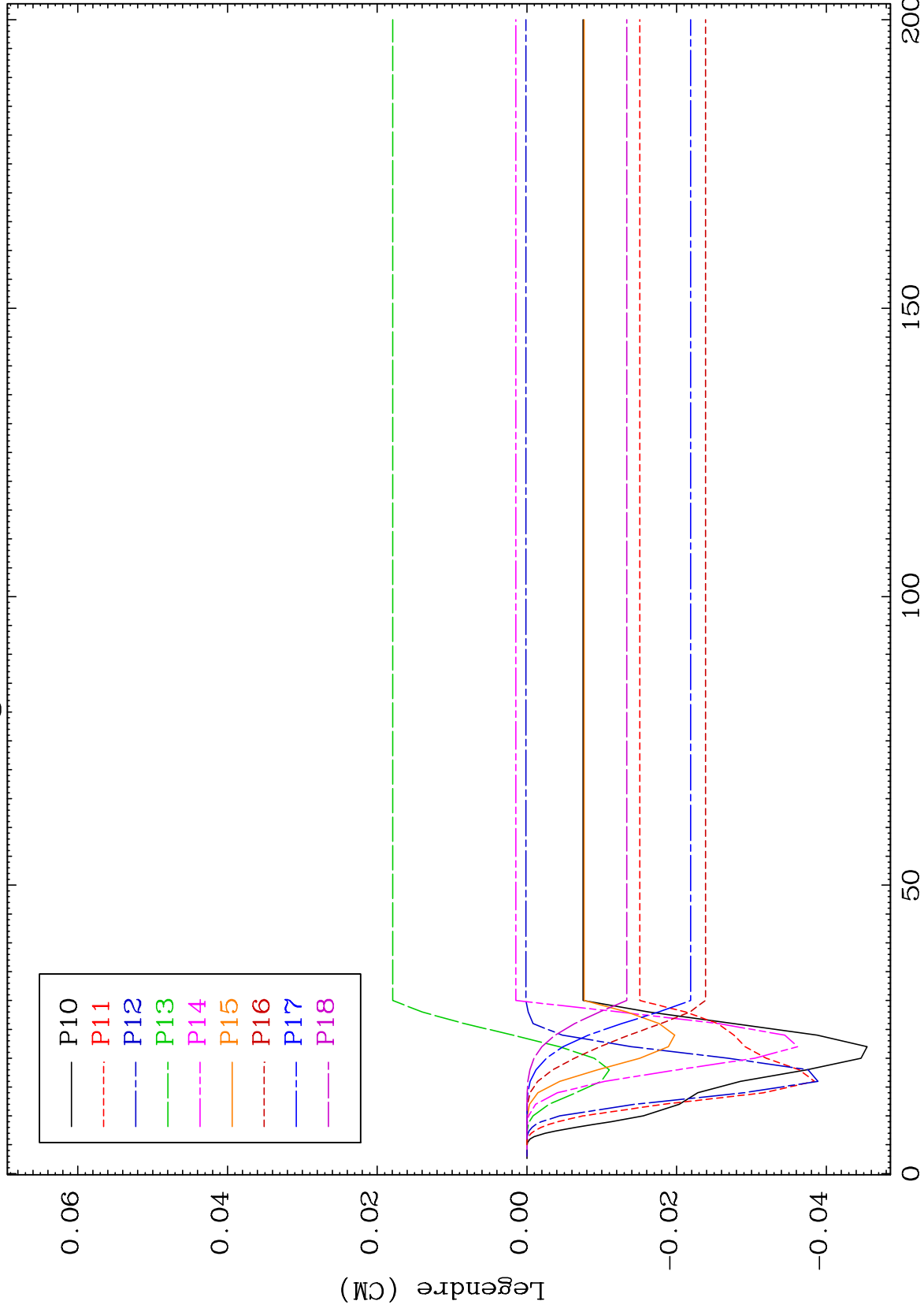




MAT 4249

2.082 MeV (n, n') Level
Legendre Coefficients

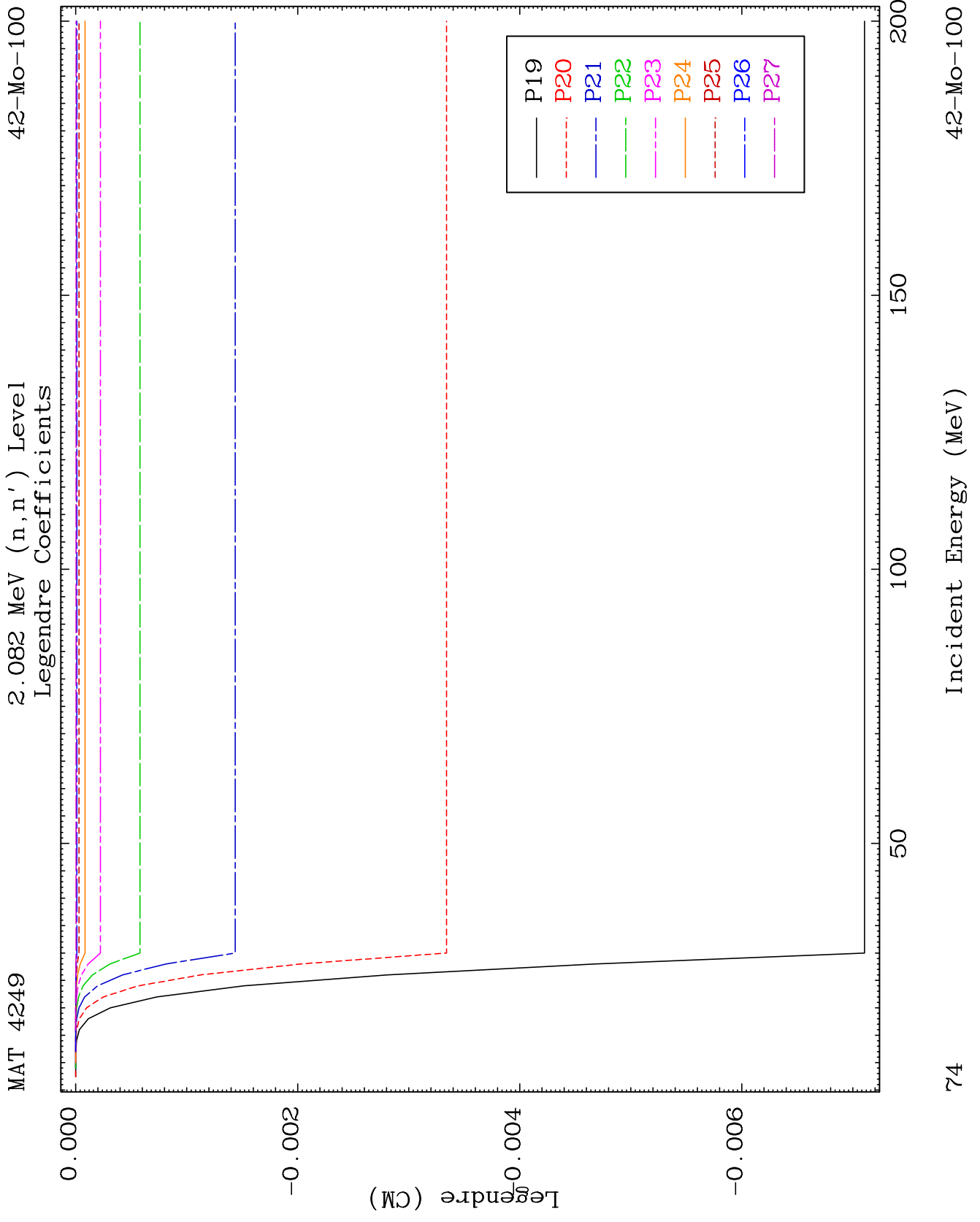
42-Mo-100

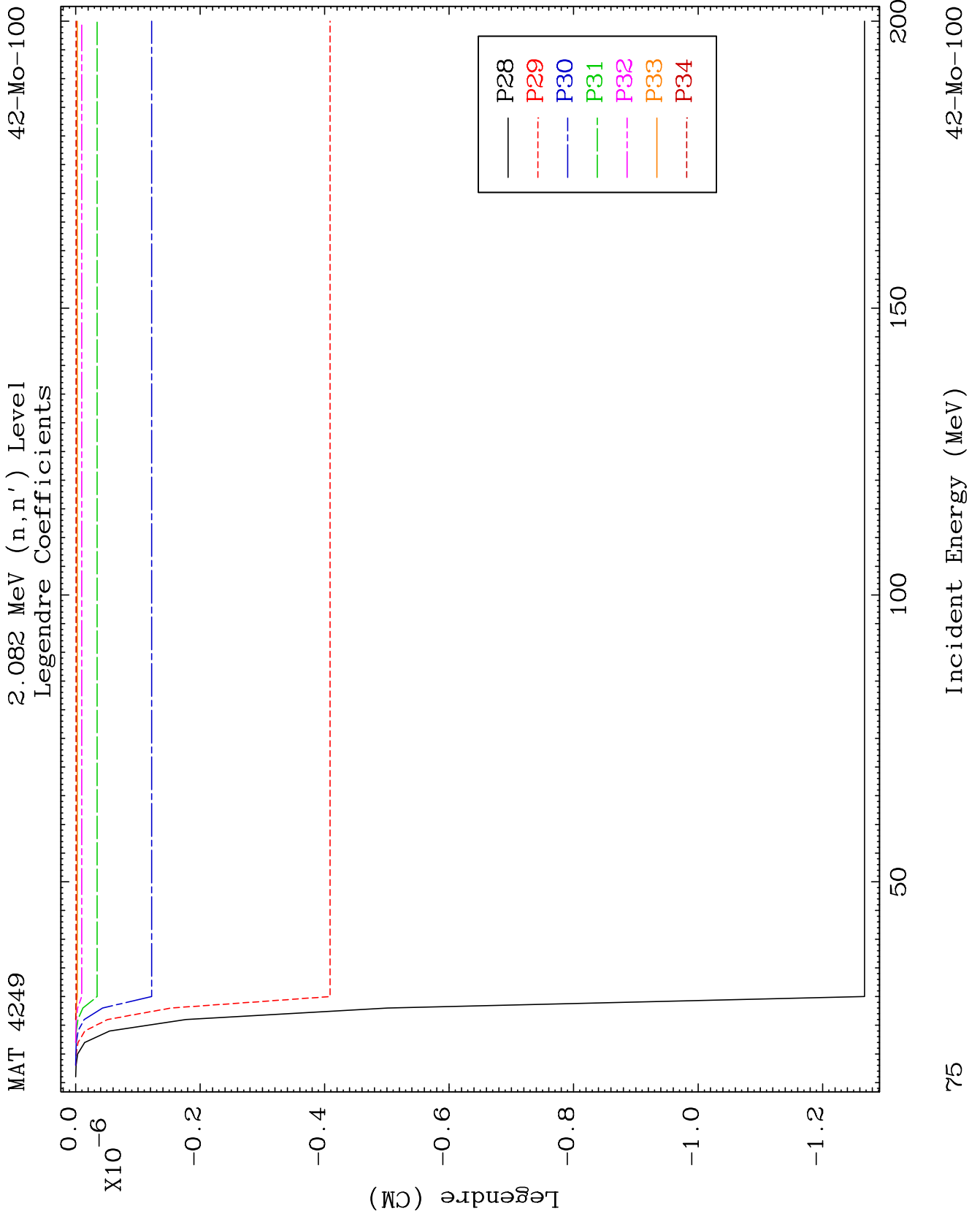


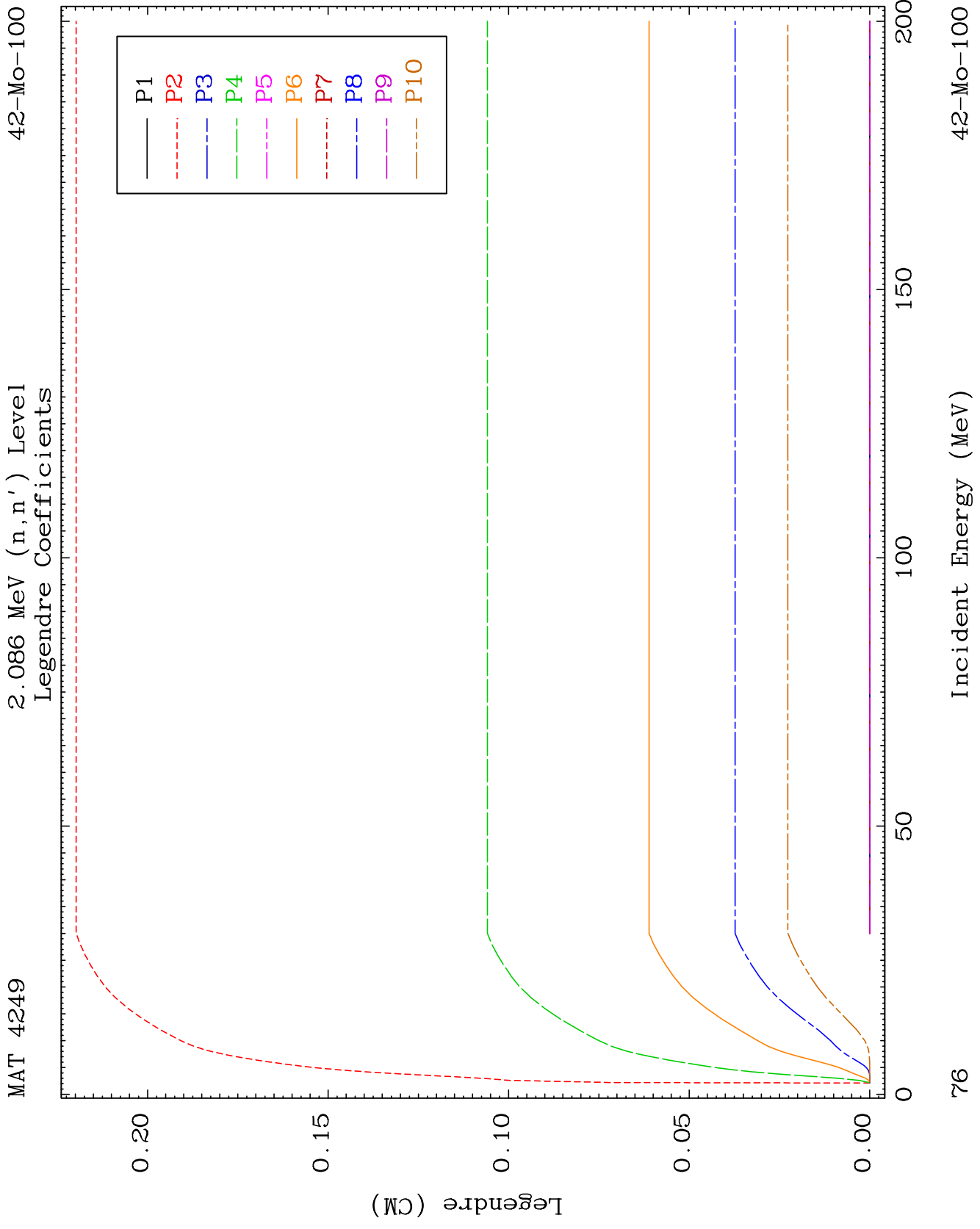
73

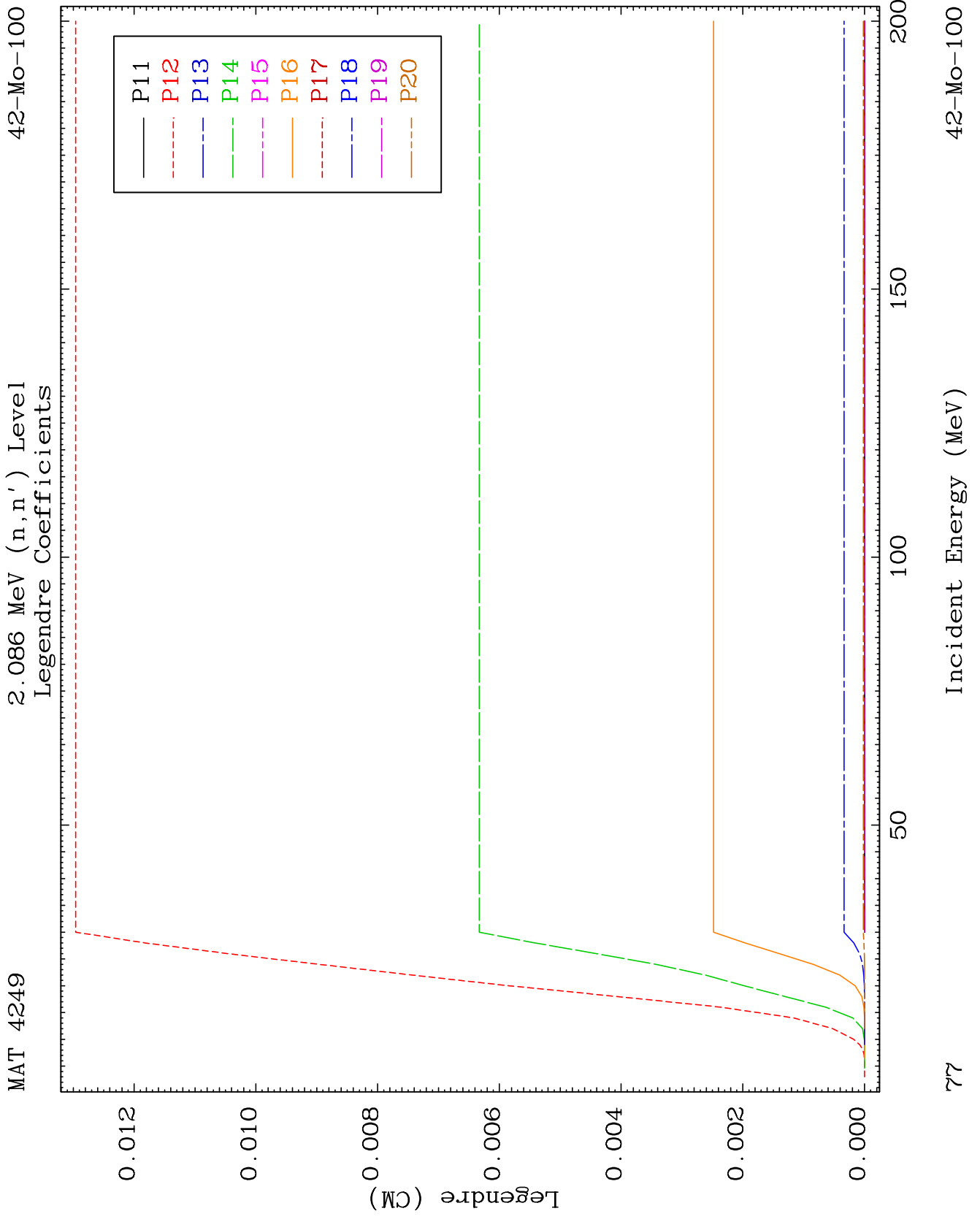
Incident Energy (MeV)

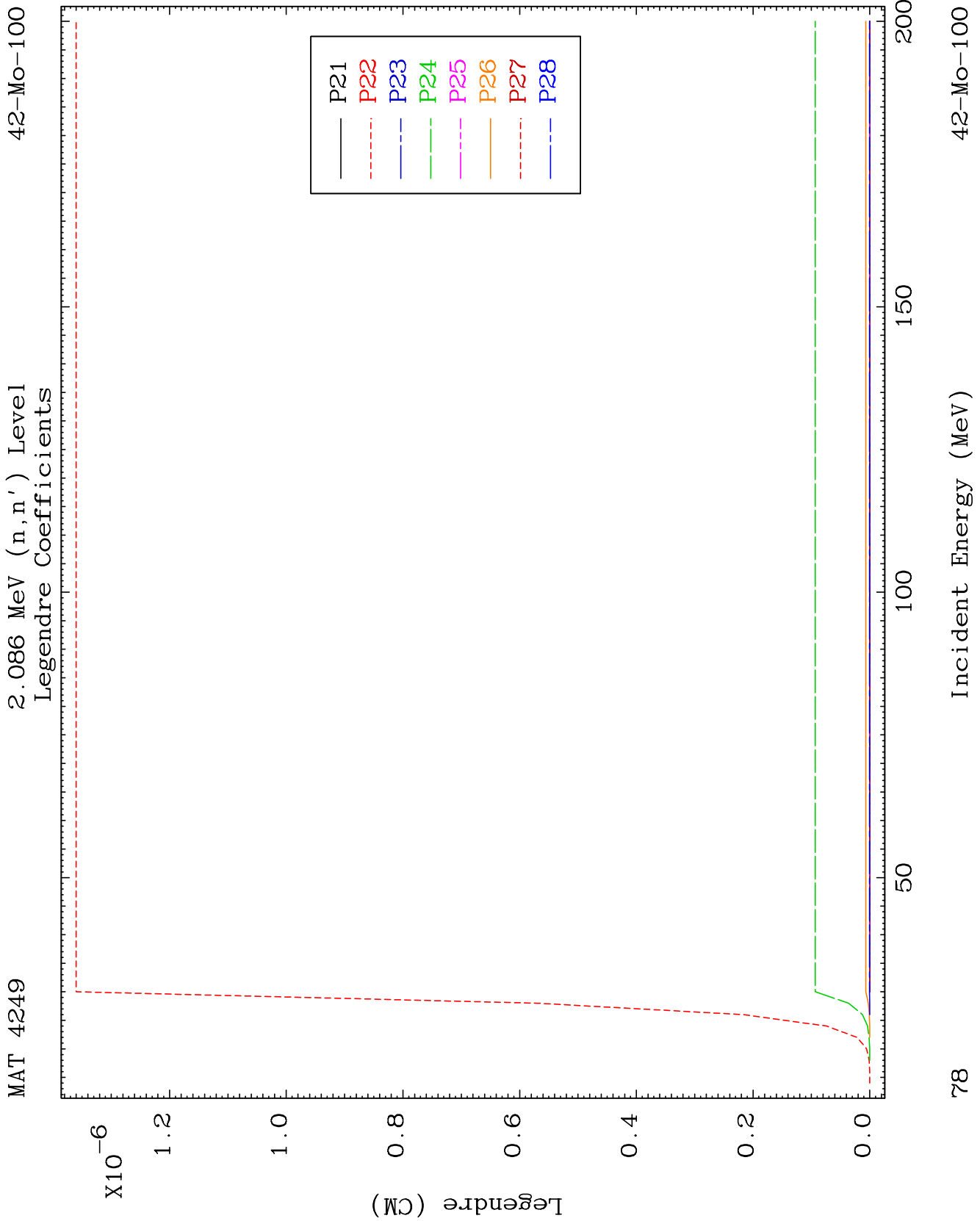
42-Mo-100







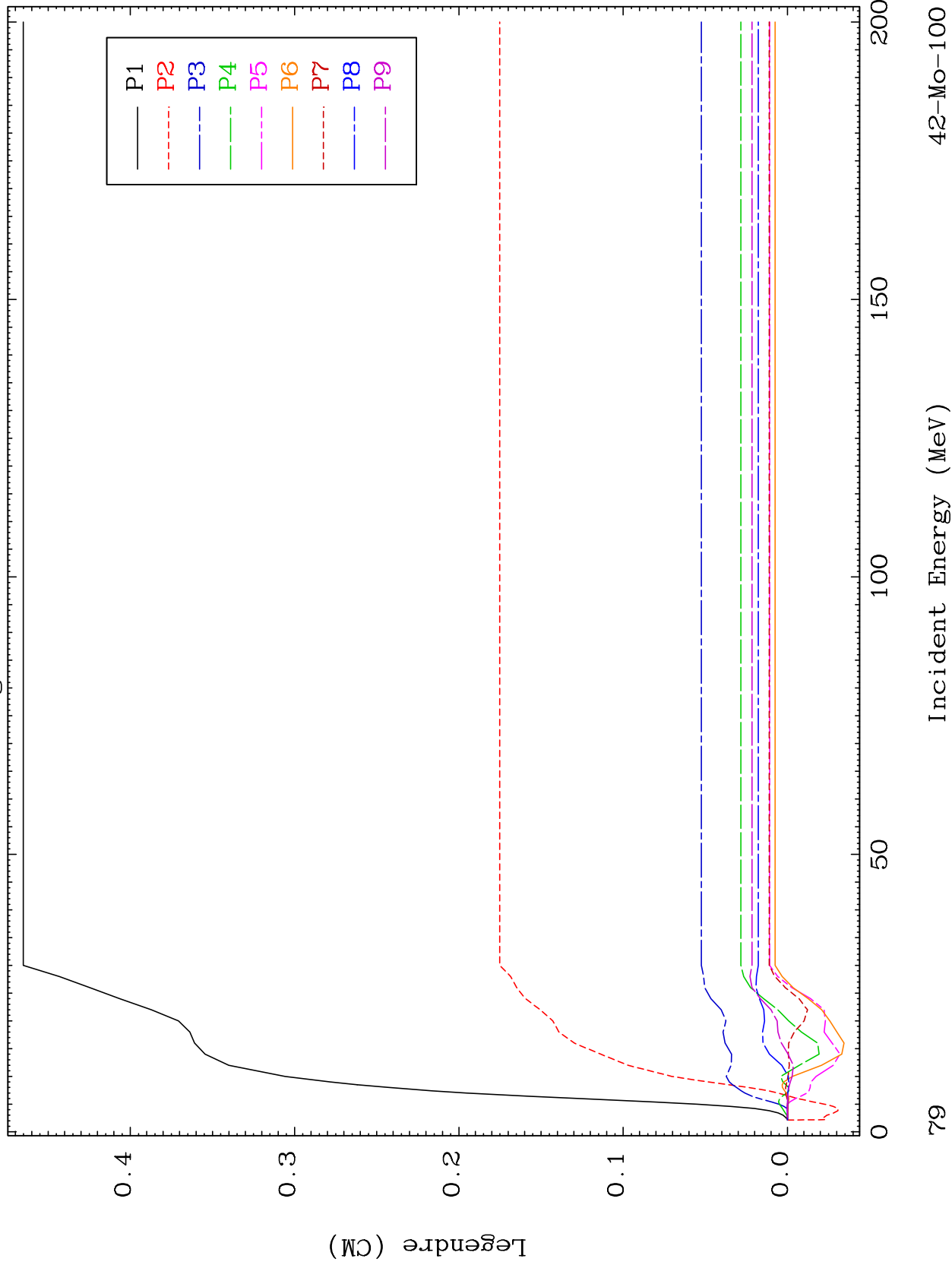




MAT 4249

2.103 MeV (n,n') Level
Legendre Coefficients

42-Mo-100



79

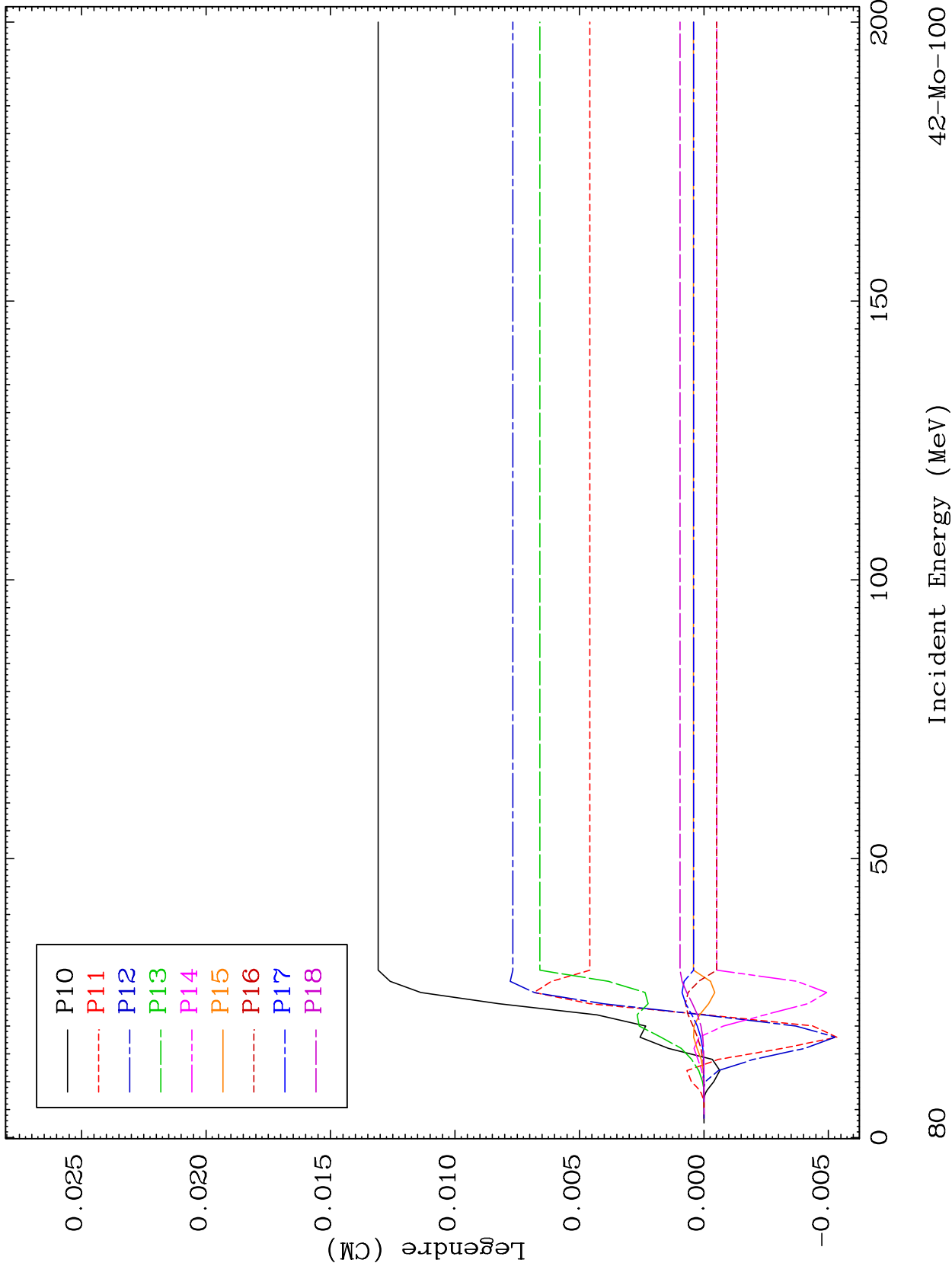
Incident Energy (MeV)

42-Mo-100

MAT 4249

2.103 MeV (n, n') Level
Legendre Coefficients

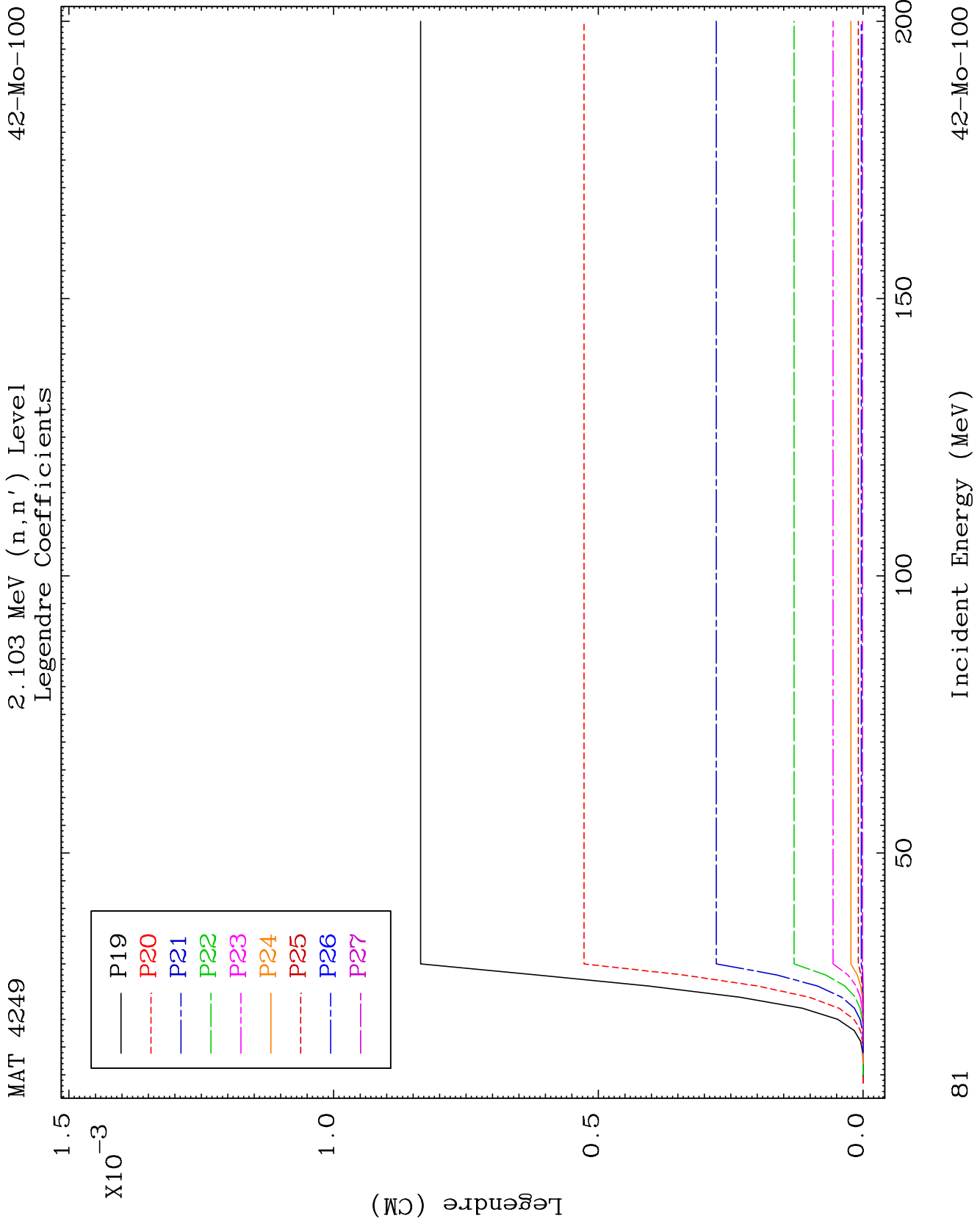
42-Mo-100

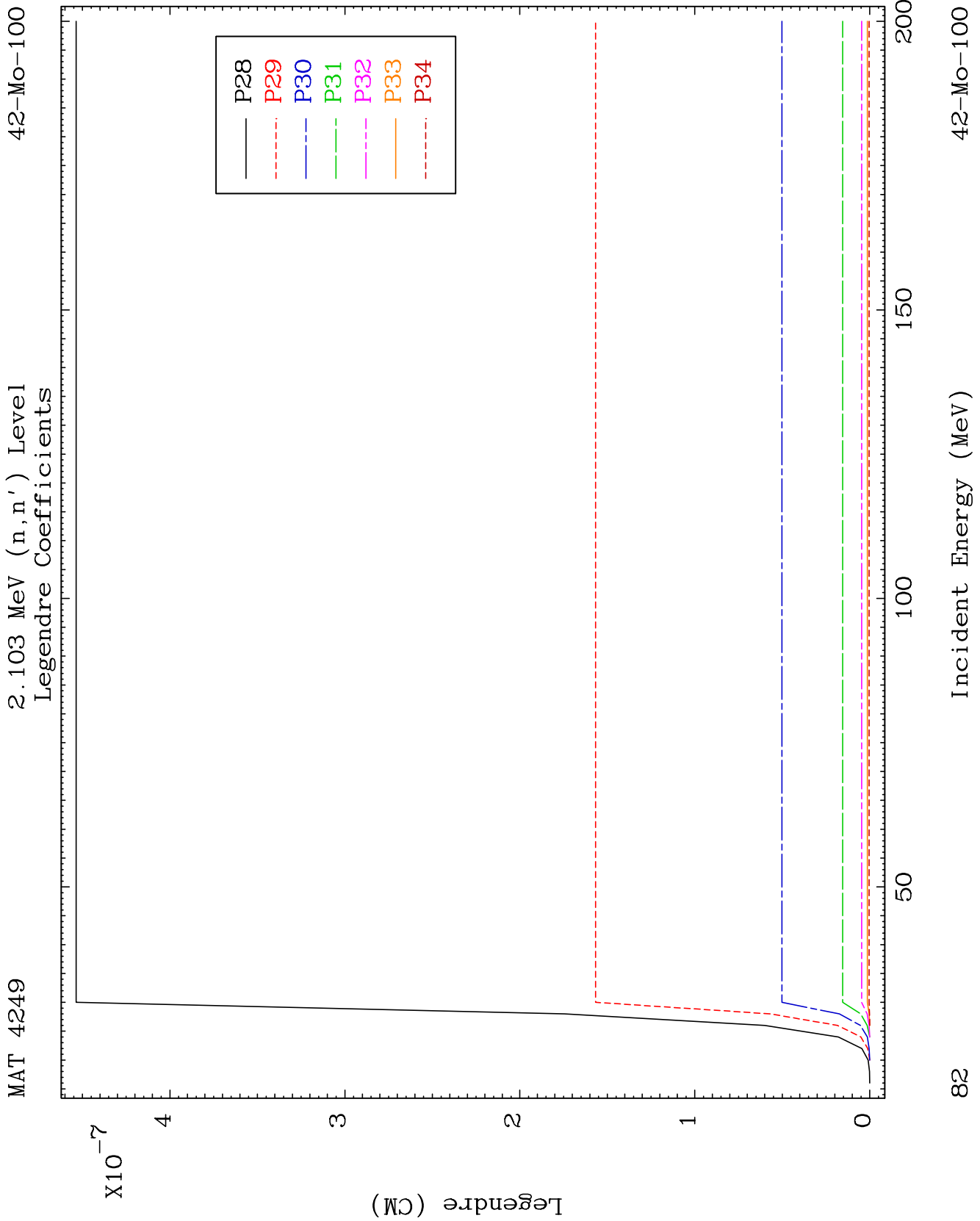


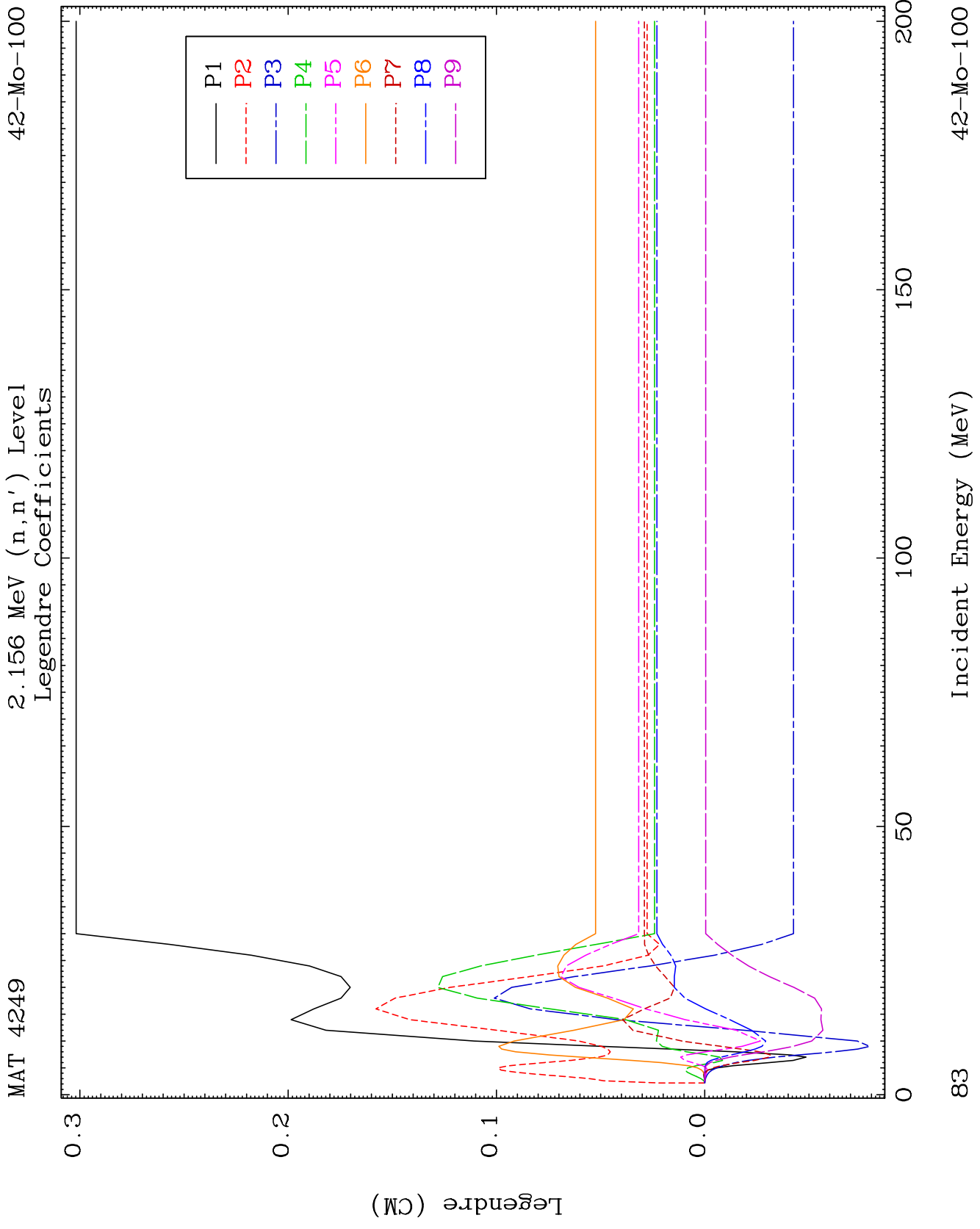
42-Mo-100

Incident Energy (MeV)

80



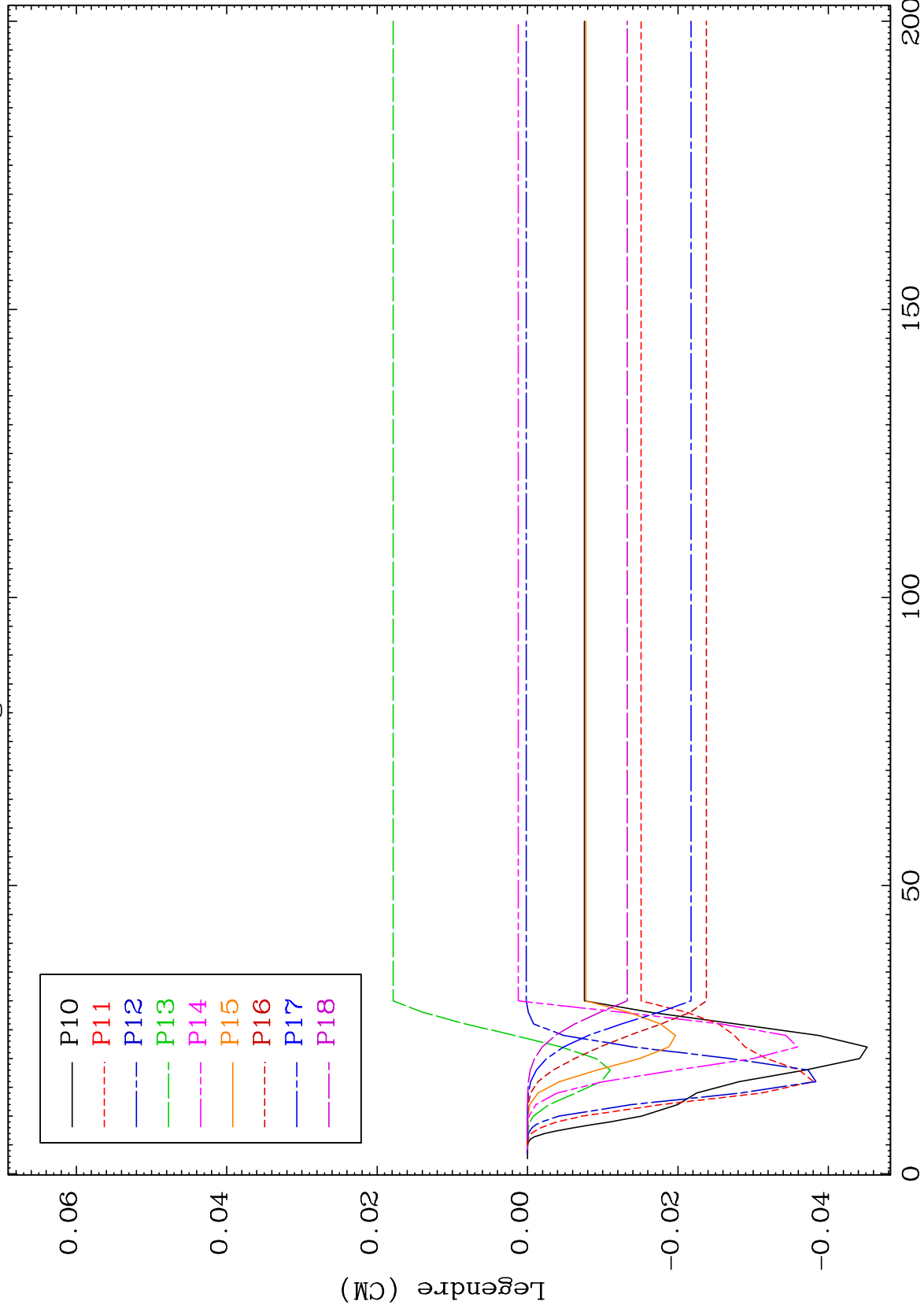




MAT 4249

2.156 MeV (n, n') Level
Legendre Coefficients

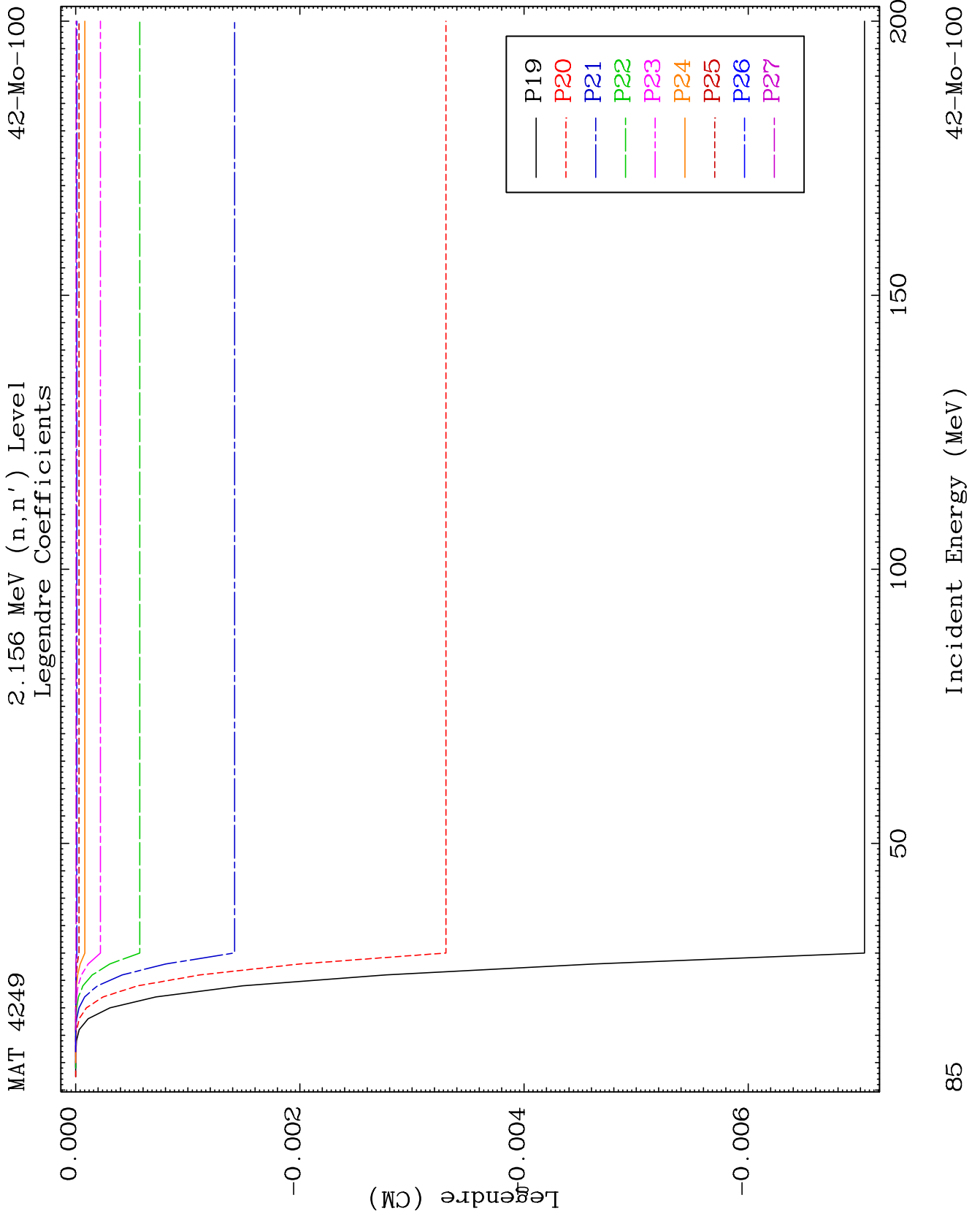
42-Mo-100

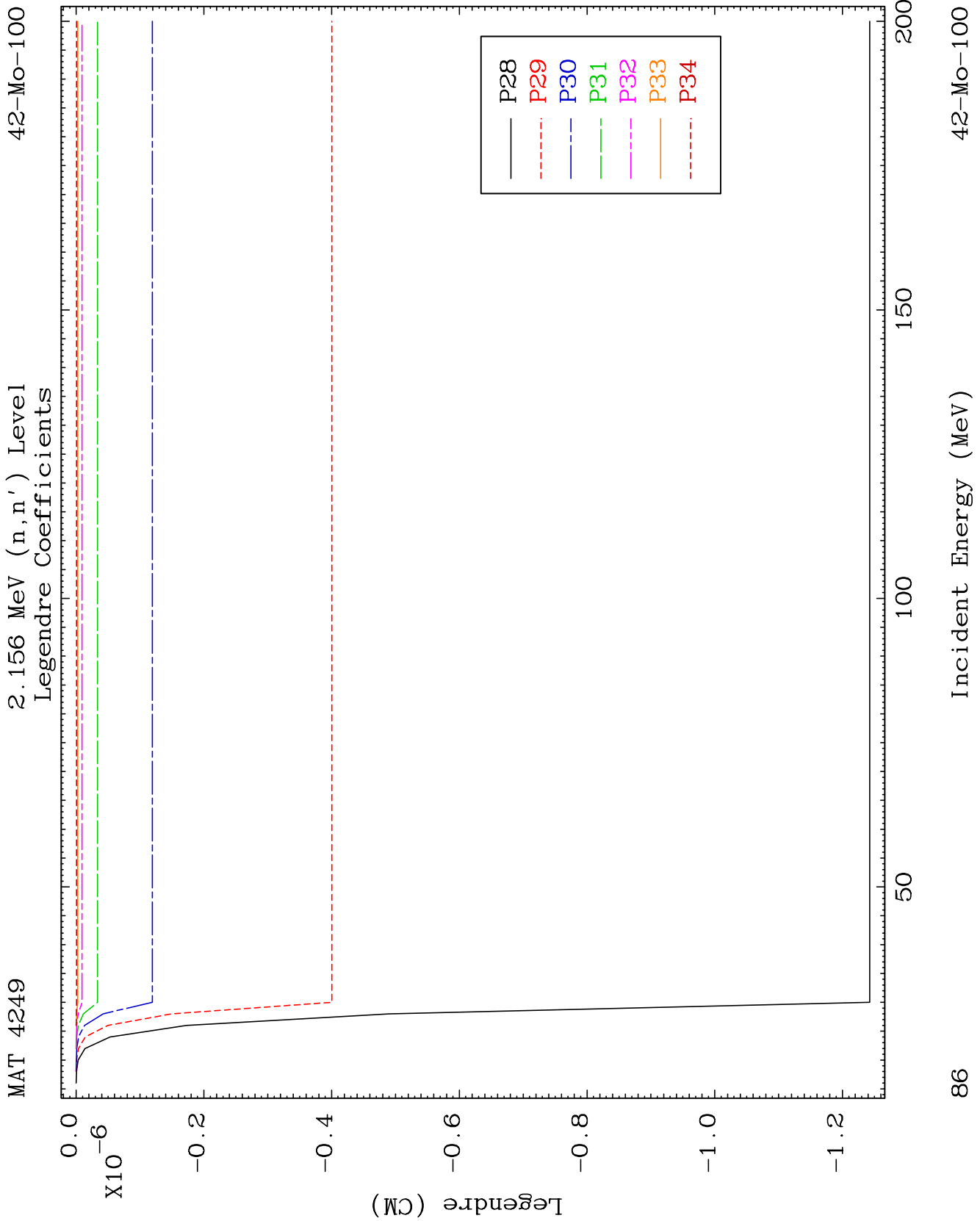


84

Incident Energy (MeV)

42-Mo-100

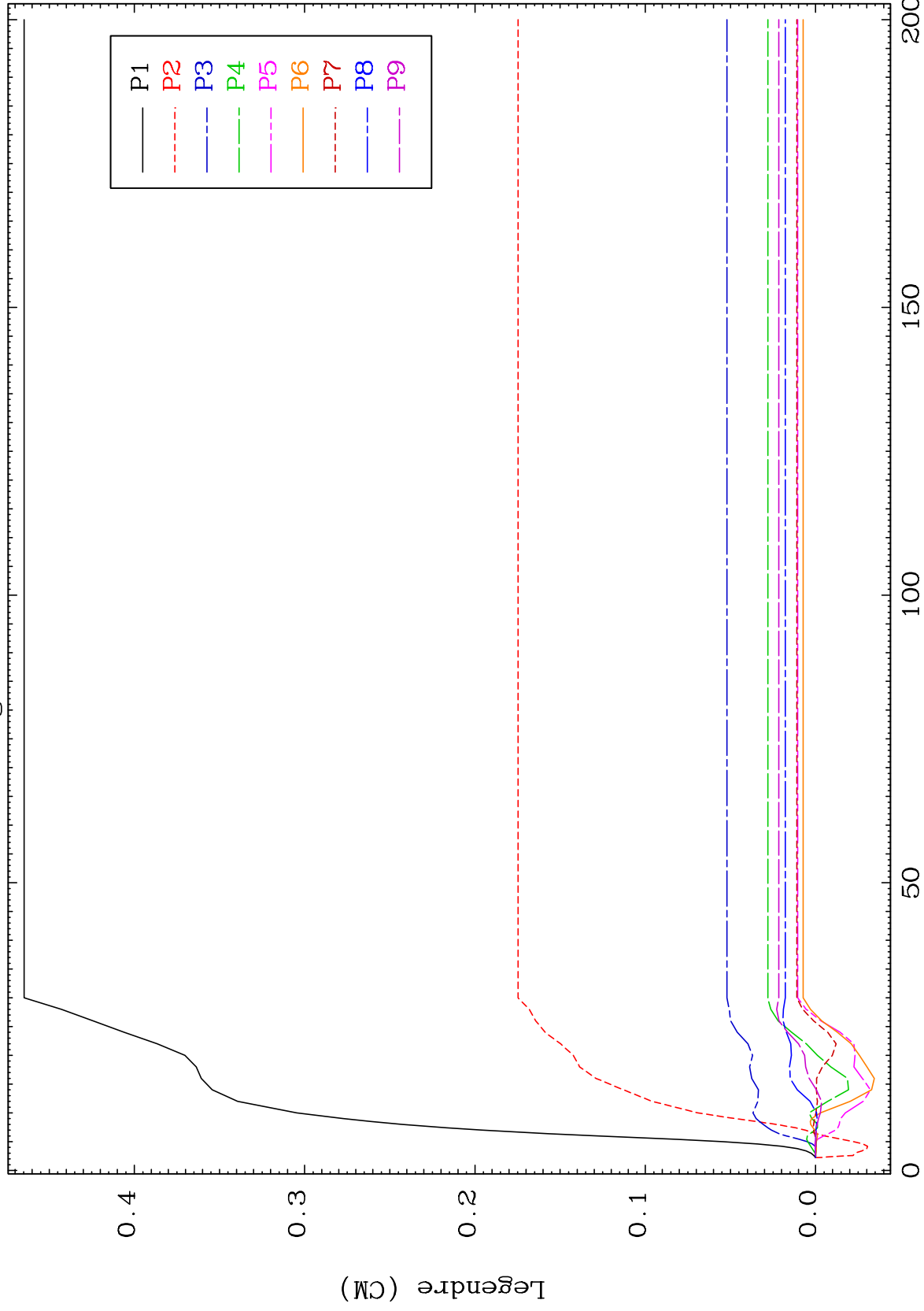




MAT 4249

2.190 MeV (n, n') Level
Legendre Coefficients

42-Mo-100



87

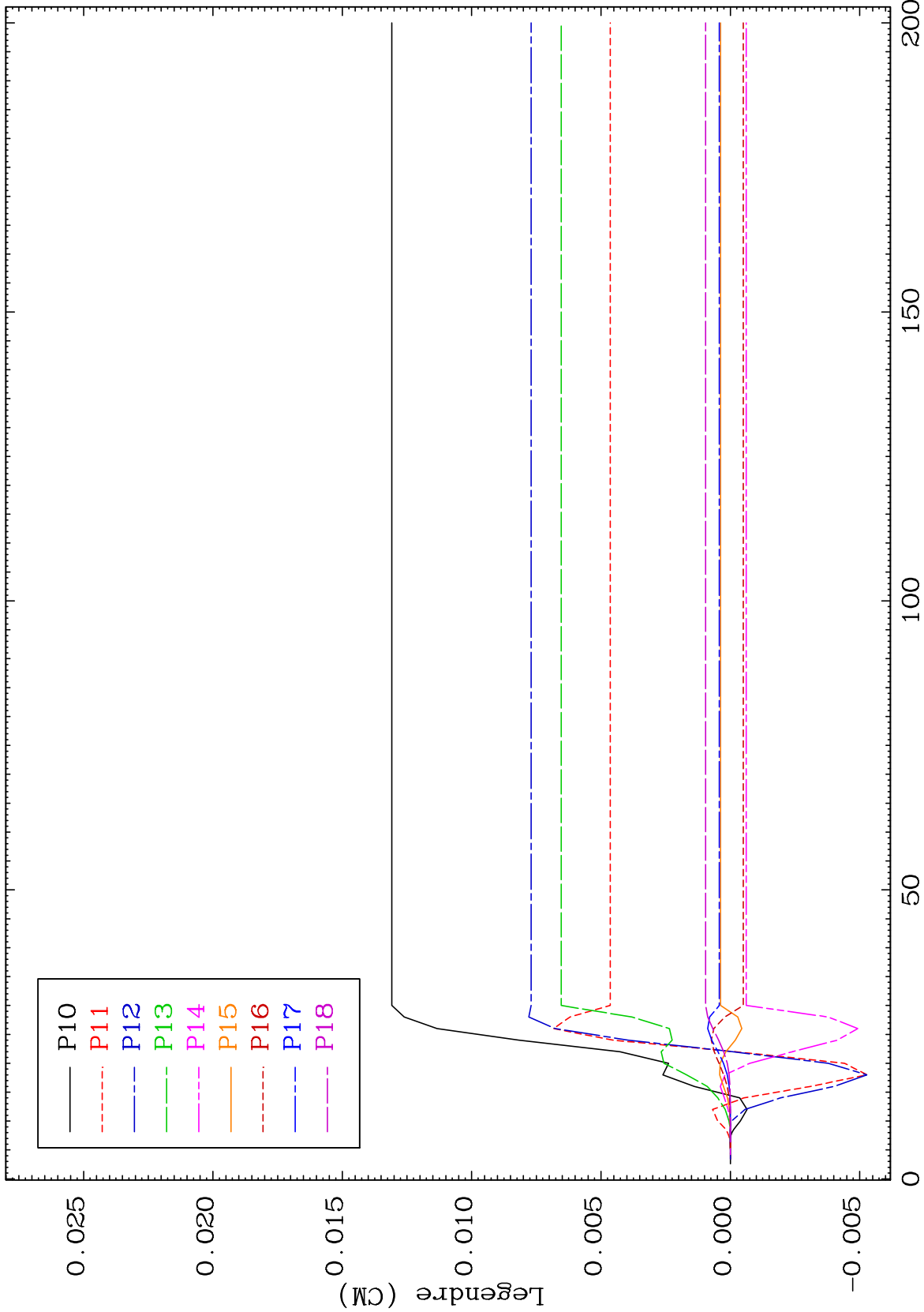
Incident Energy (MeV)

42-Mo-100

MAT 4249

2.190 MeV (n, n') Level
Legendre Coefficients

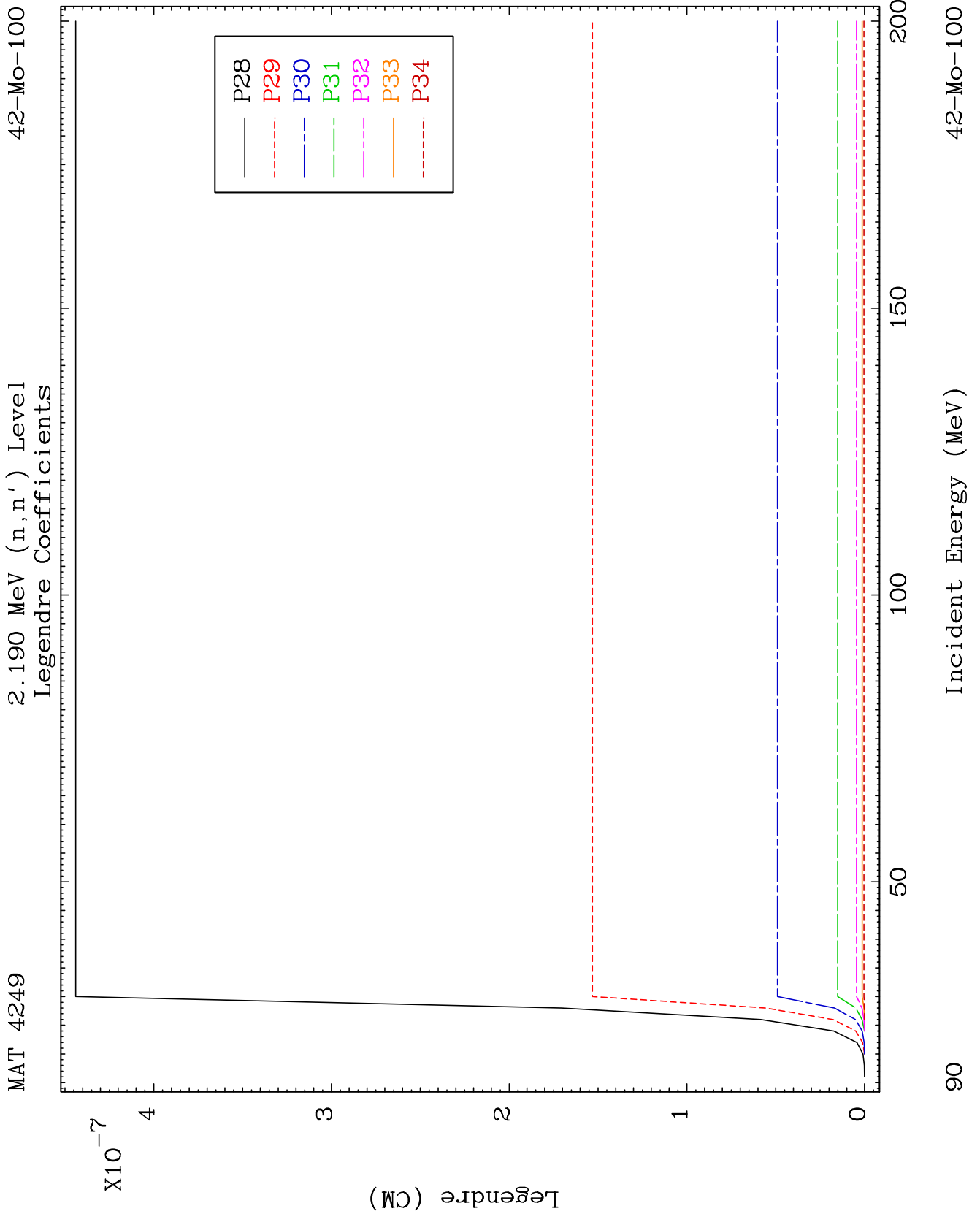
42-Mo-100

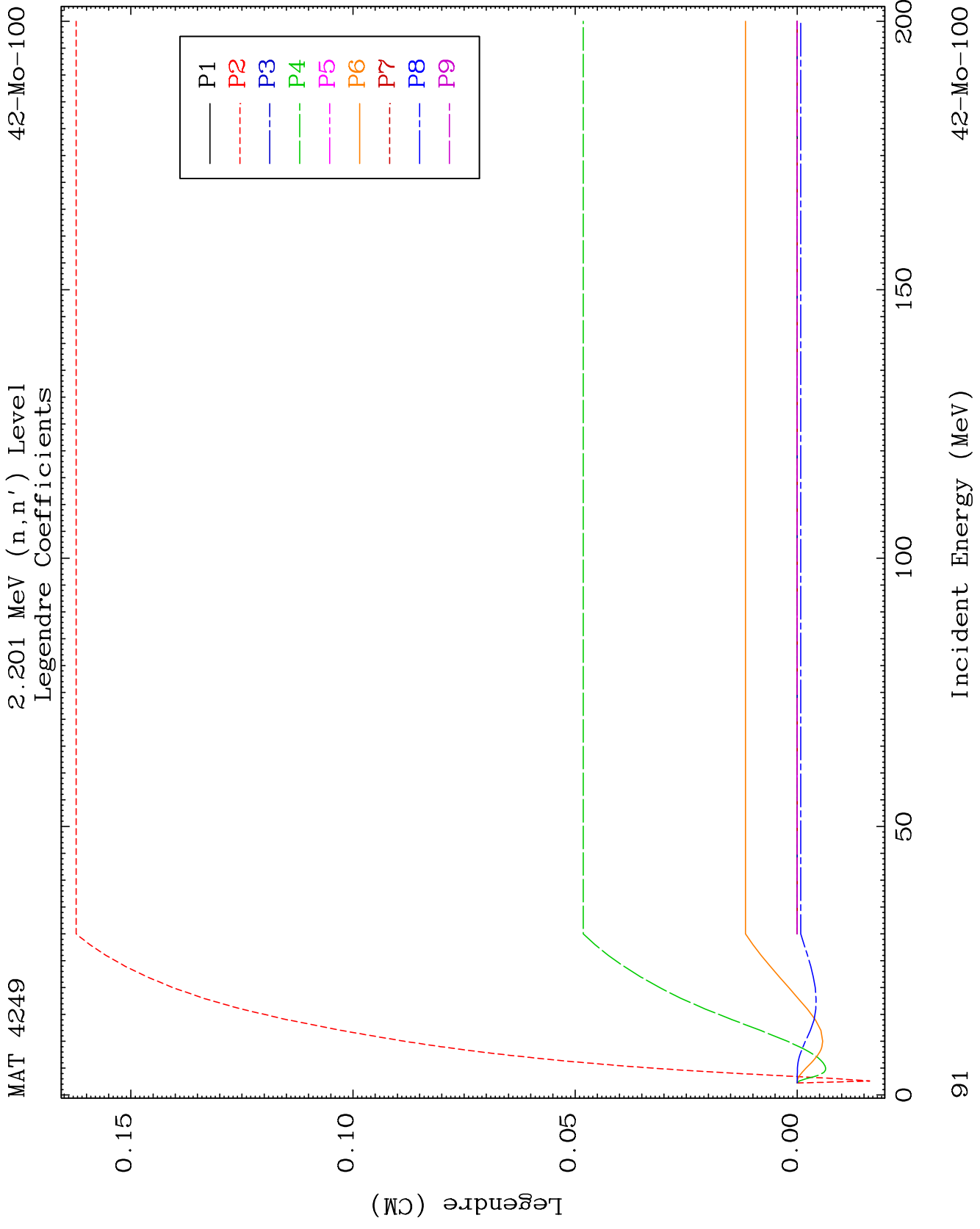


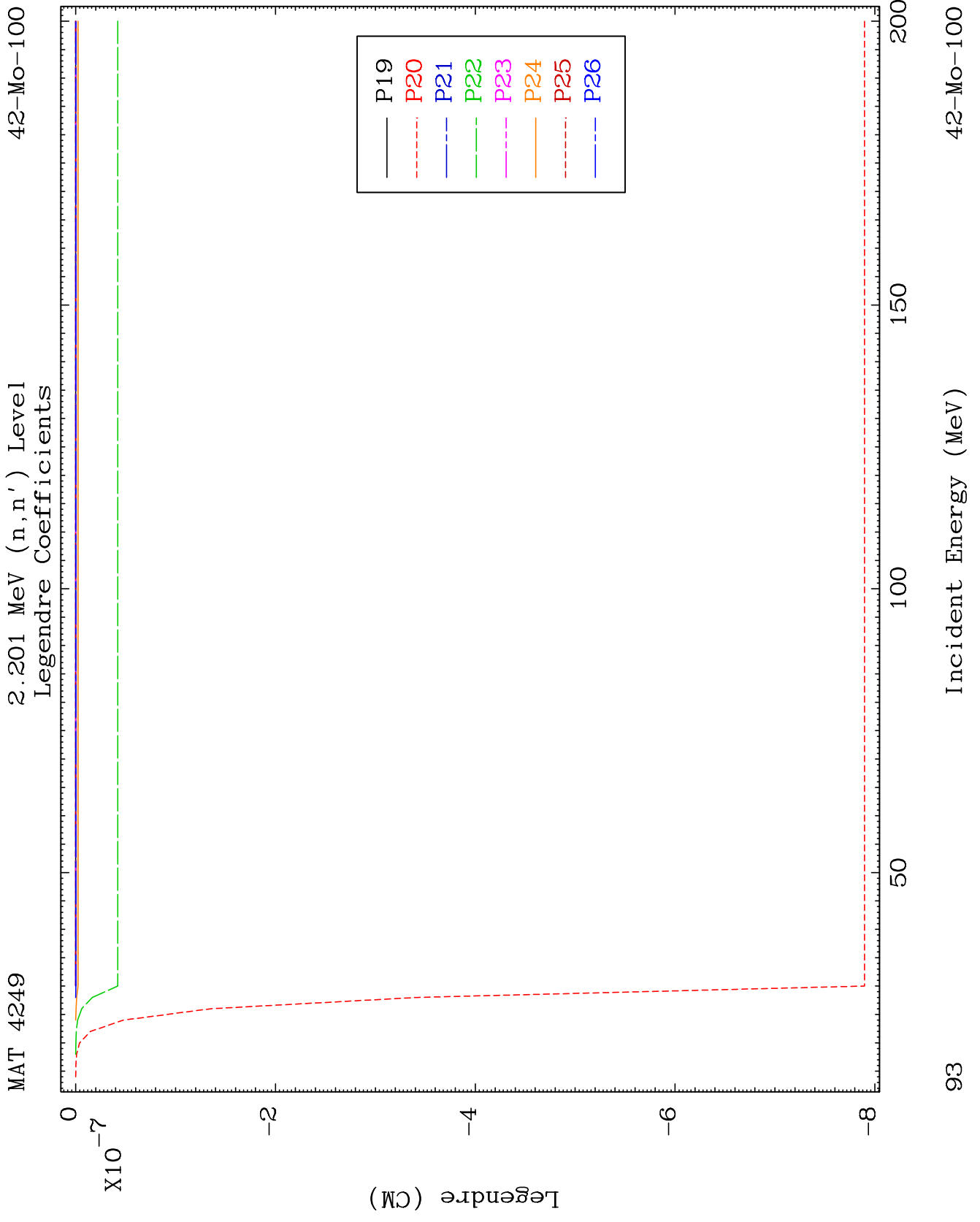
88

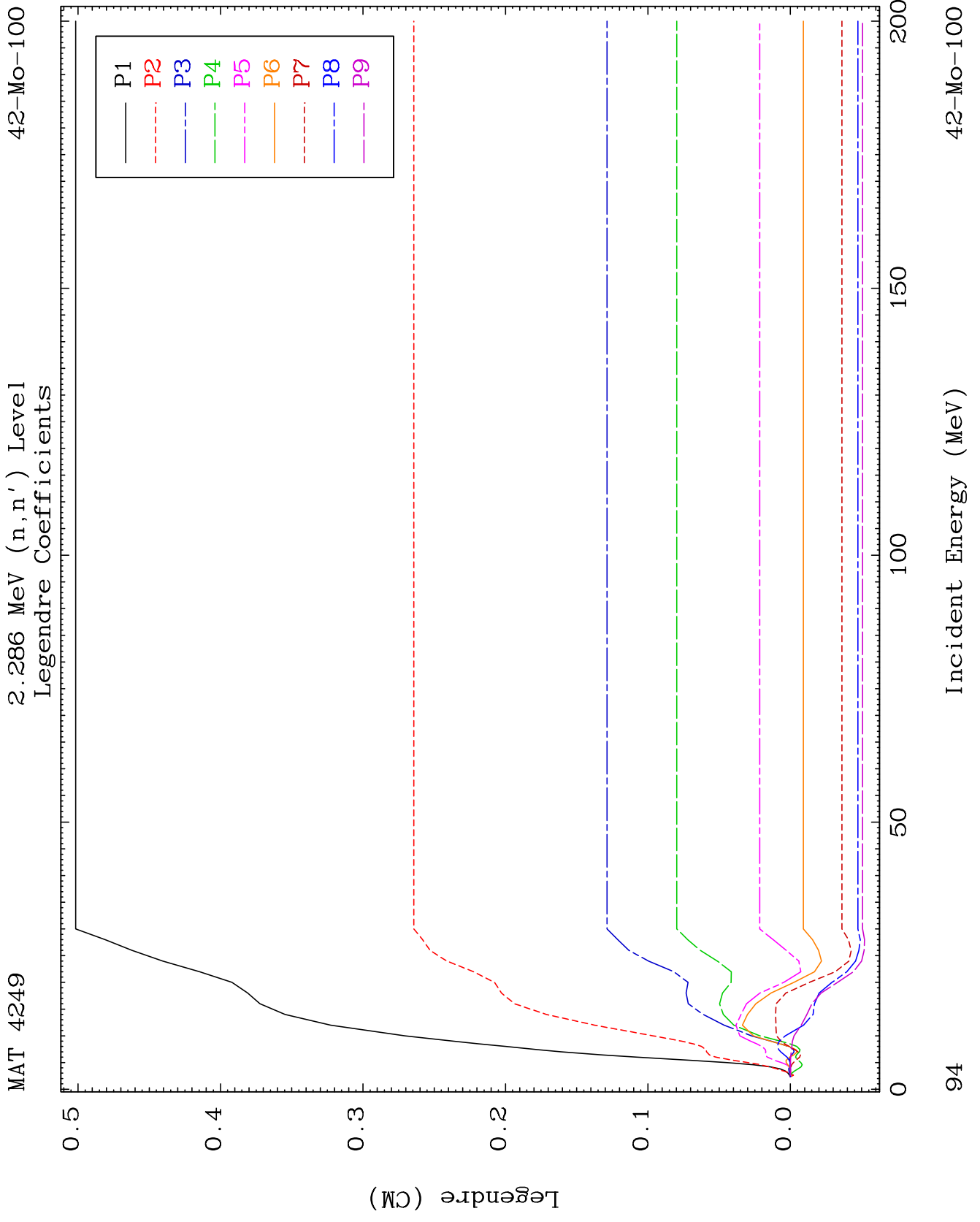
Incident Energy (MeV)

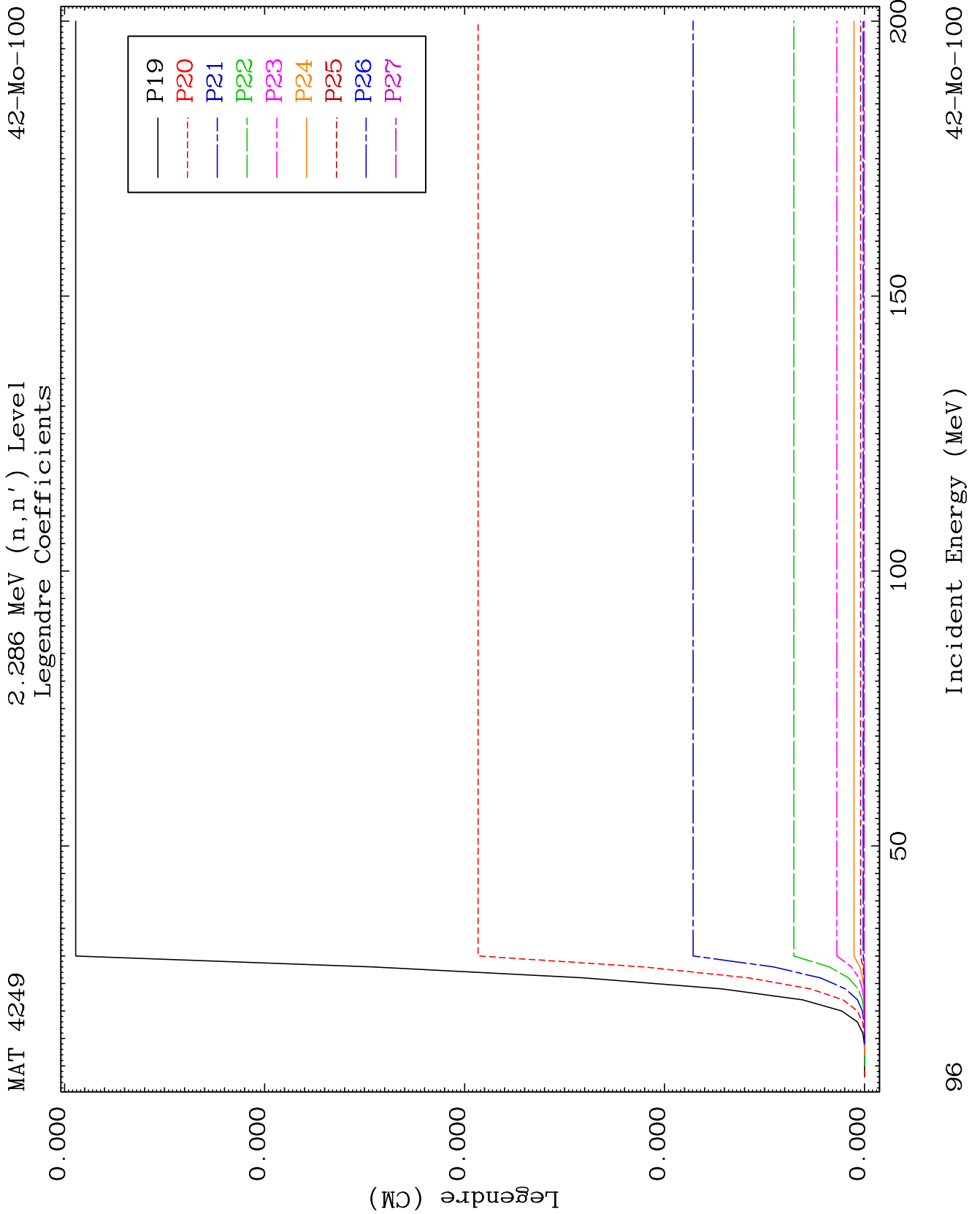
42-Mo-100

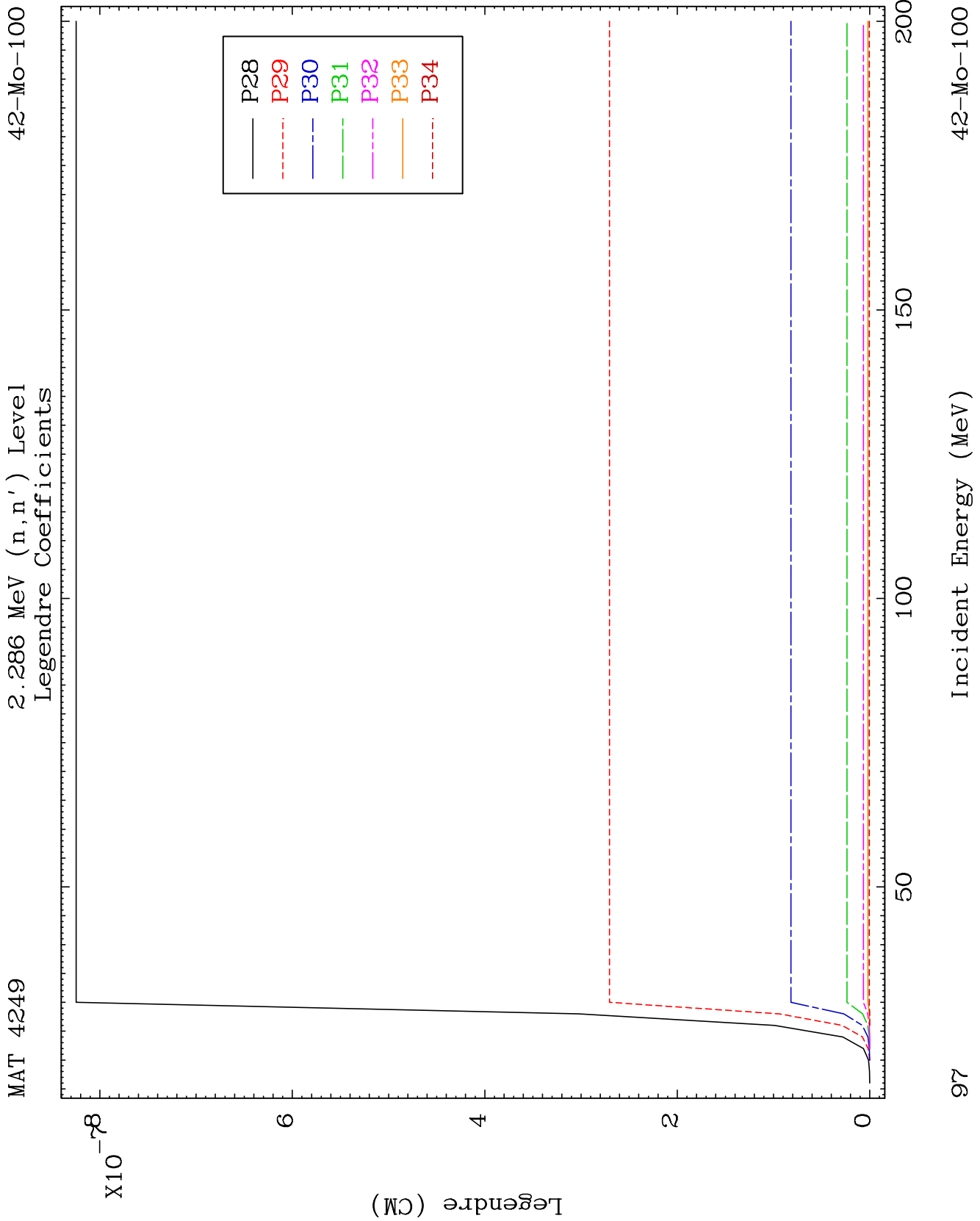








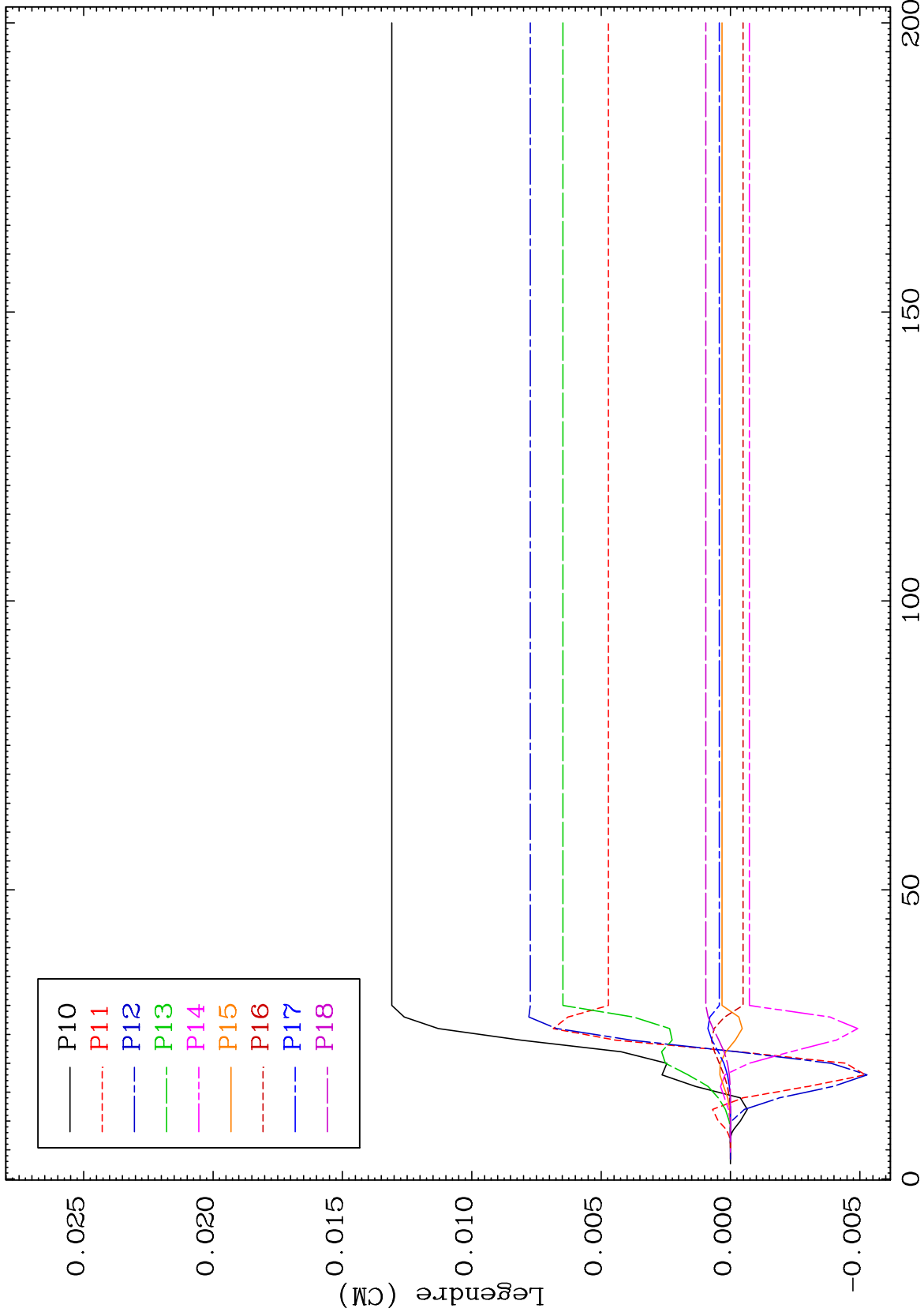




MAT 4249

2.289 MeV (n,n') Level
Legendre Coefficients

42-Mo-100



99

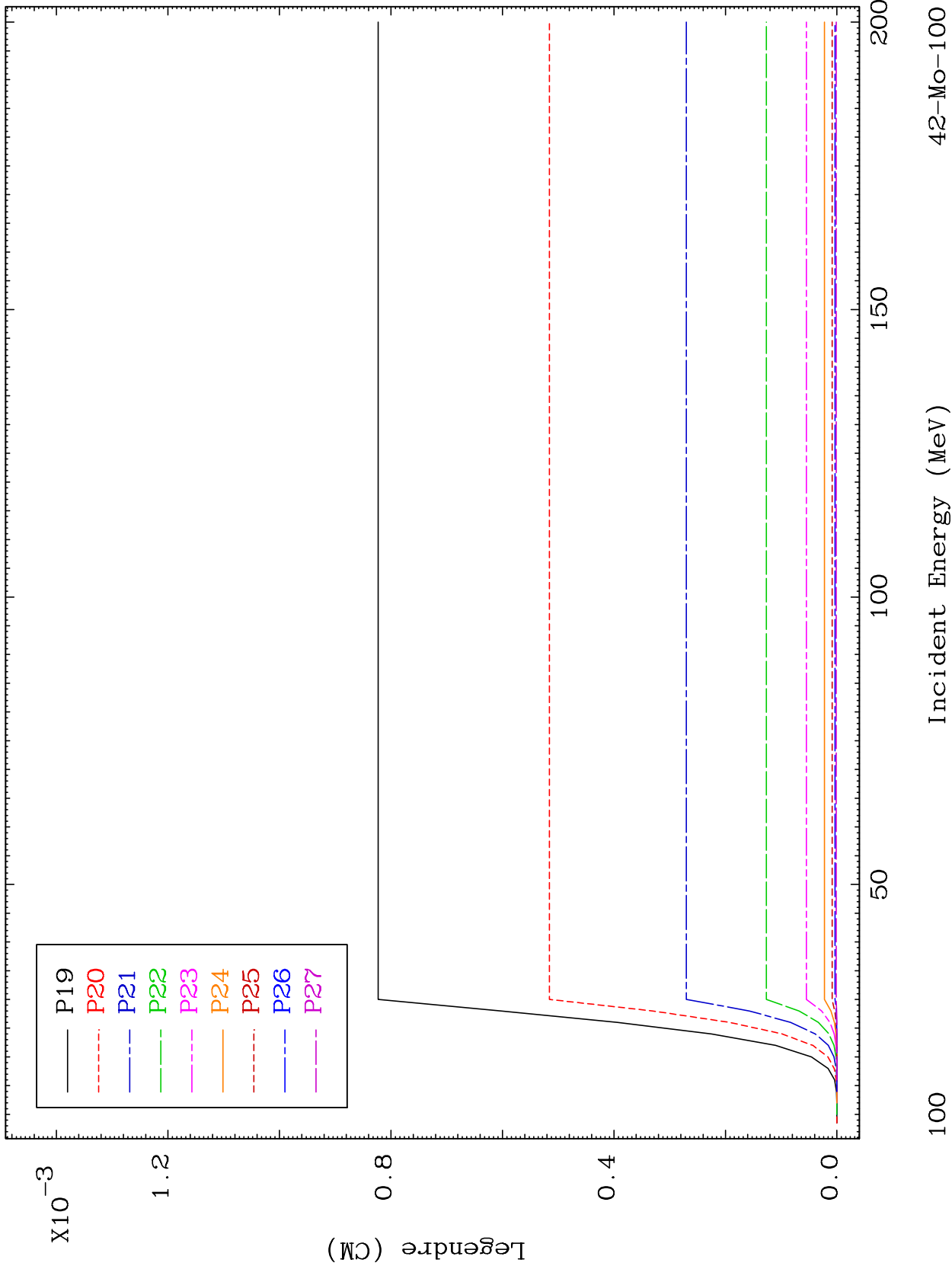
Incident Energy (MeV)

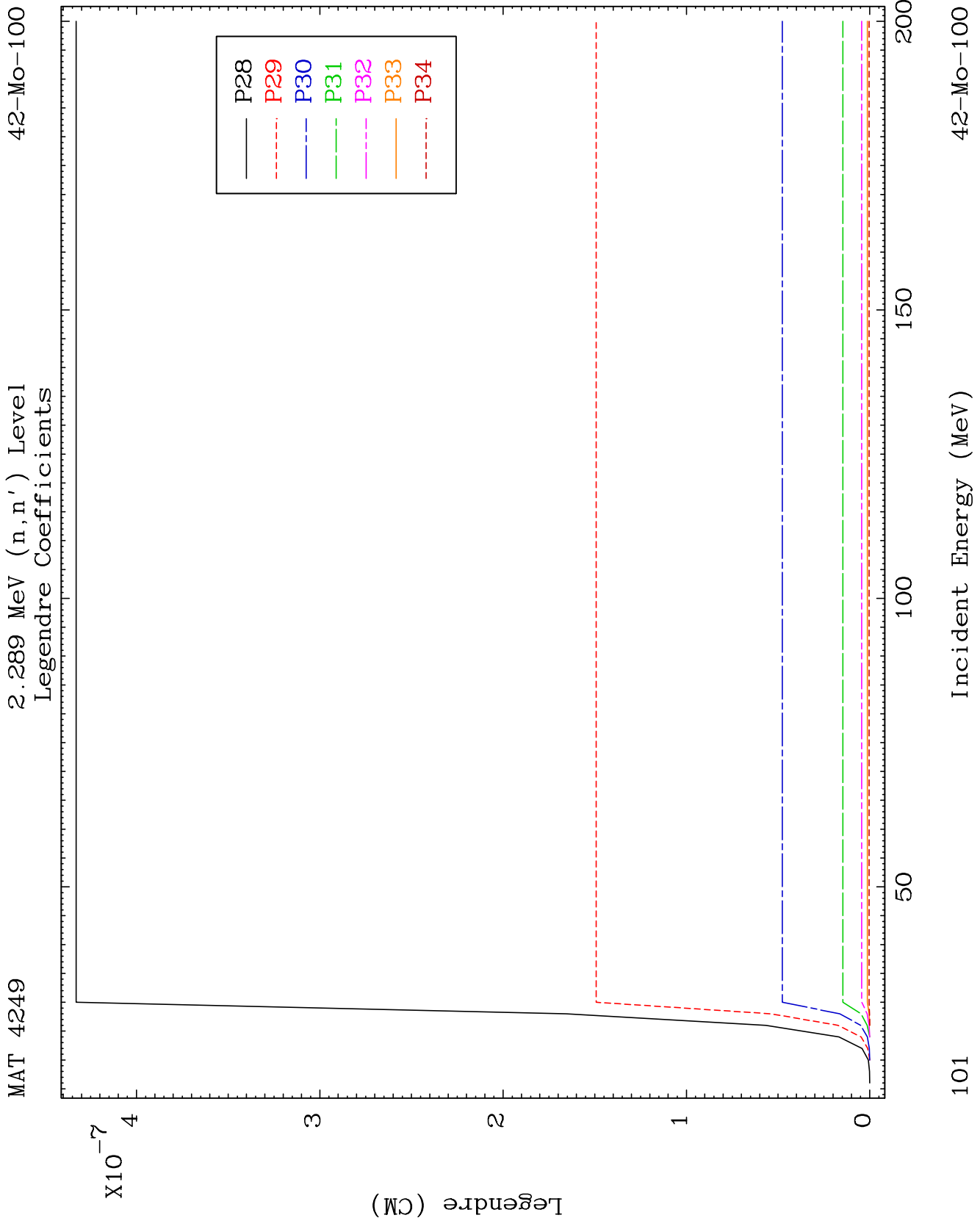
42-Mo-100

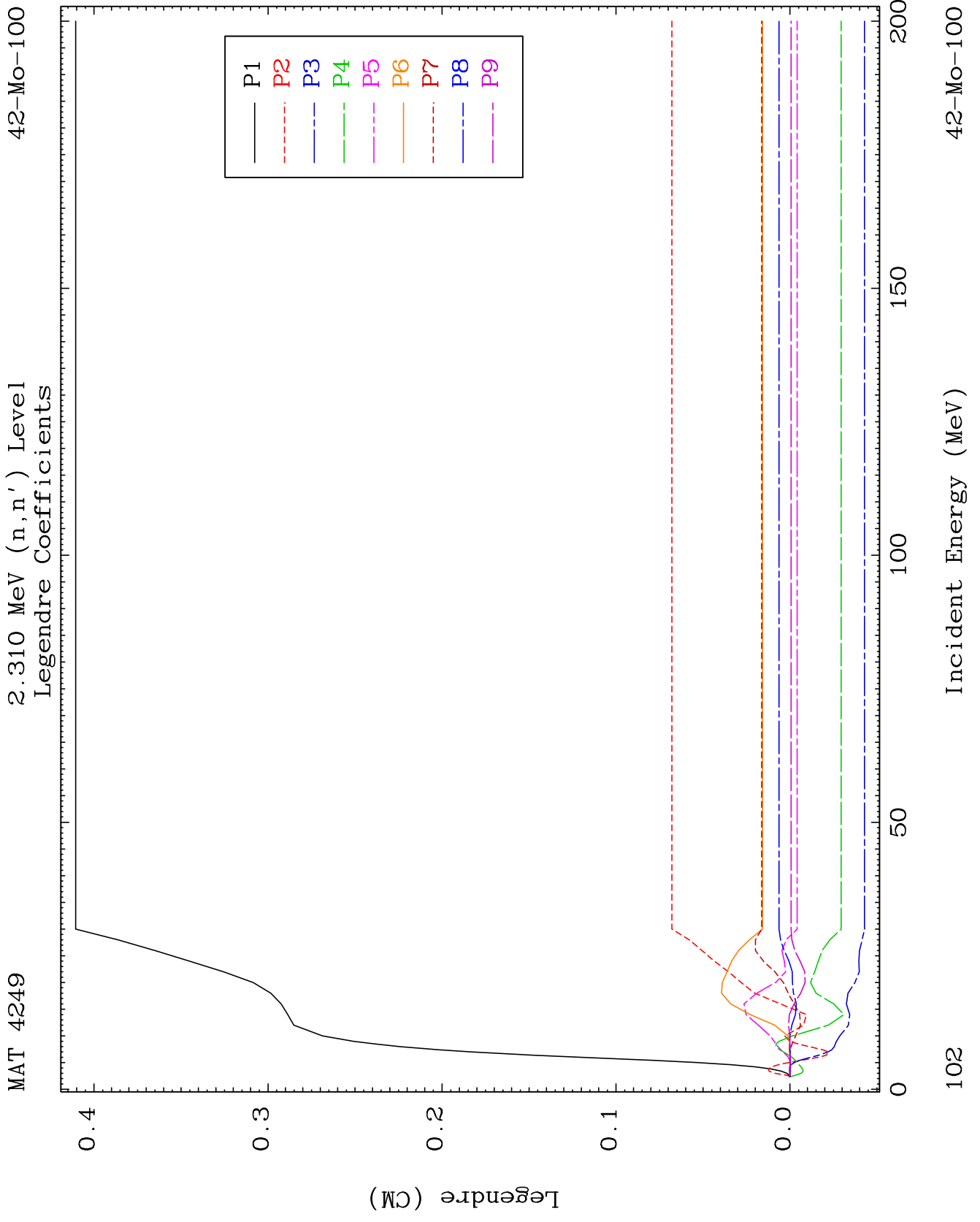
MAT 4249

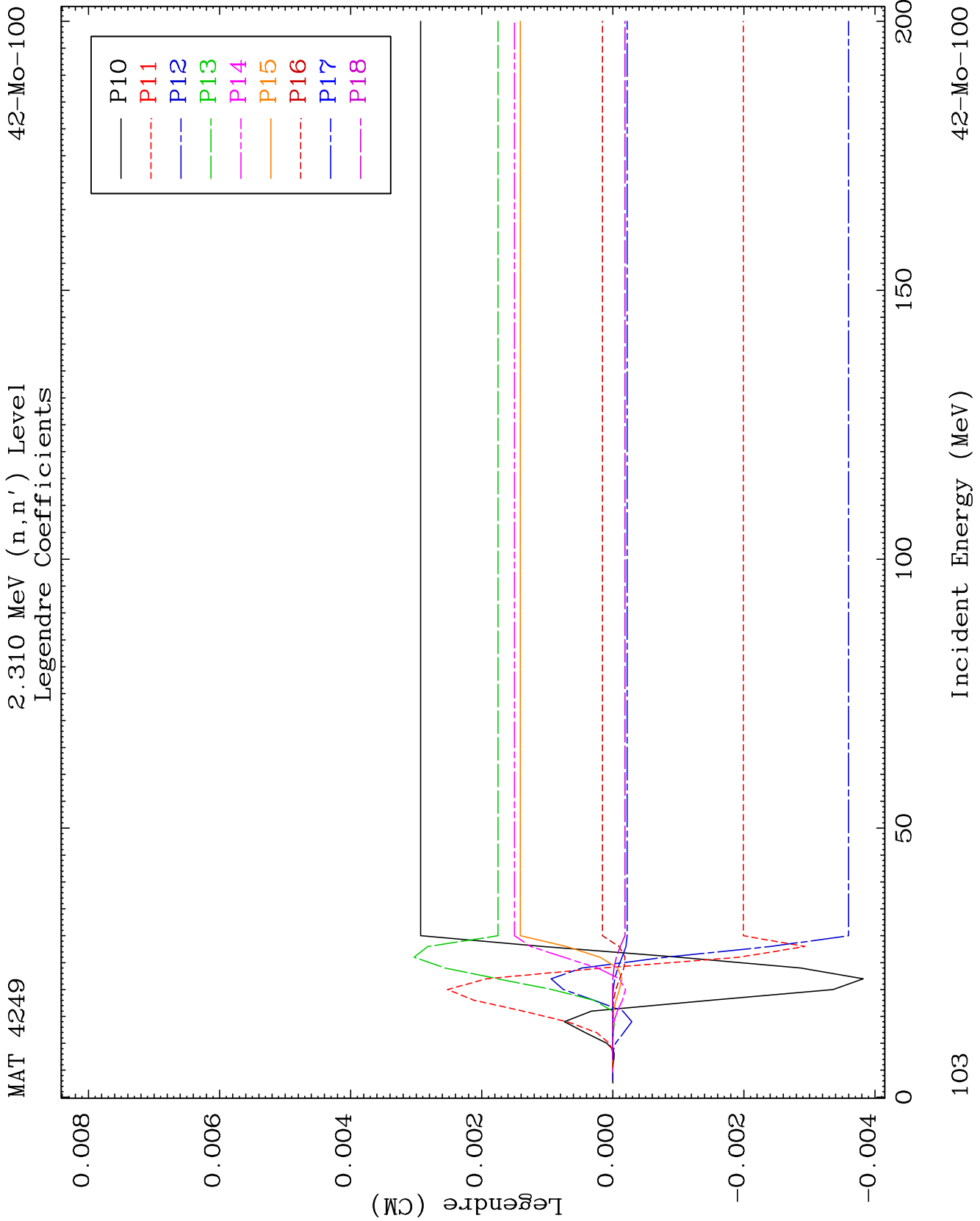
2.289 MeV (n,n') Level
Legendre Coefficients

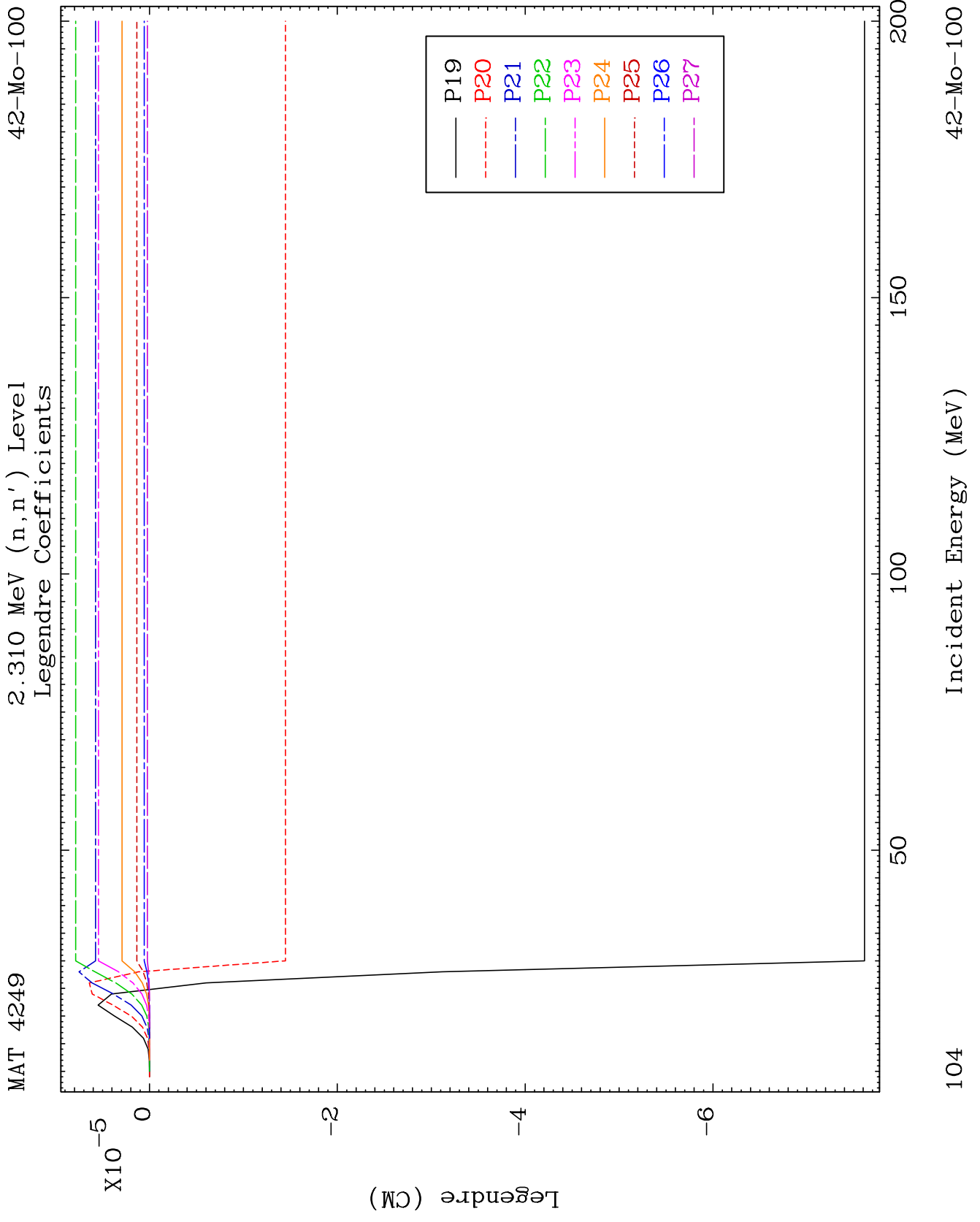
42-Mo-100

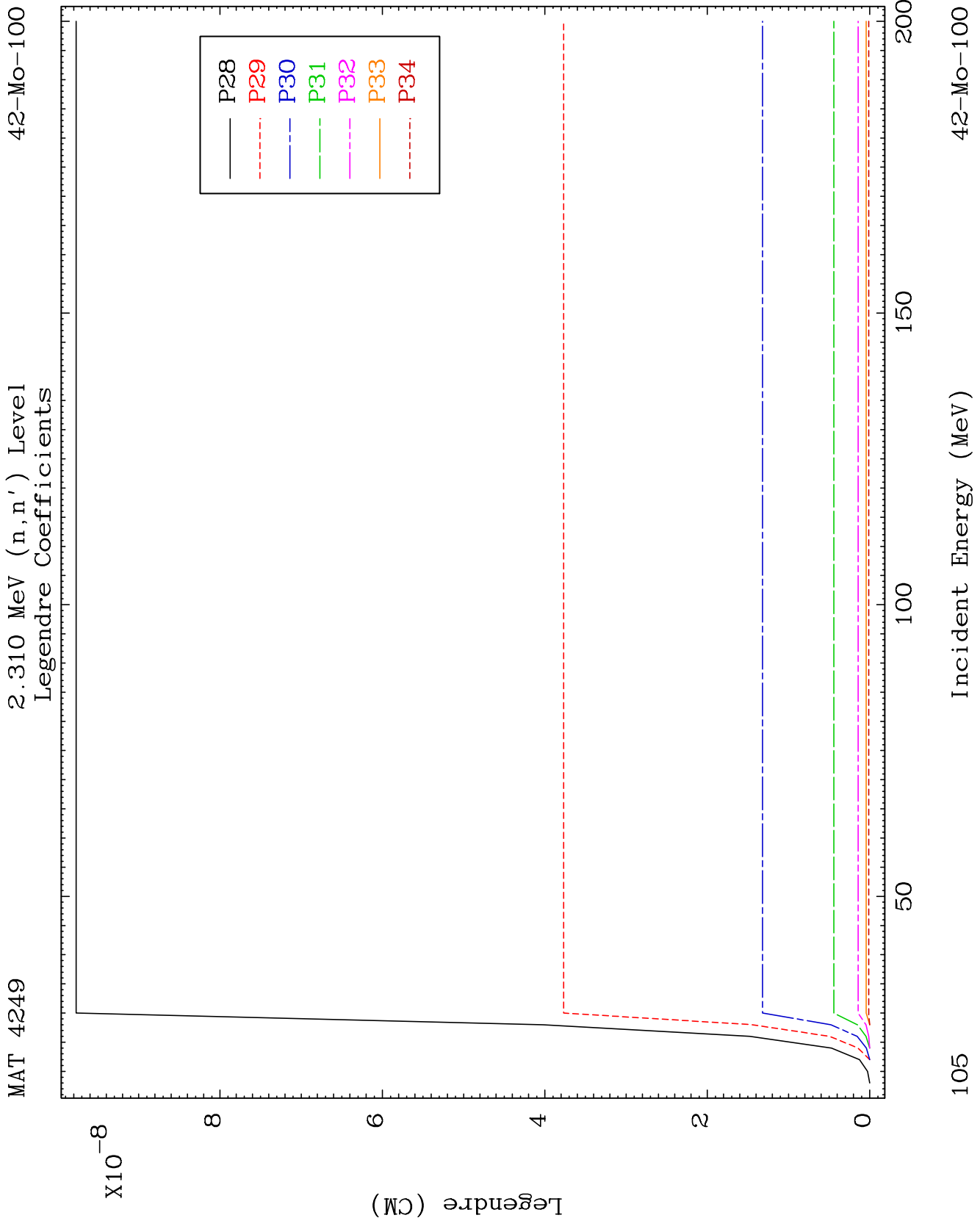








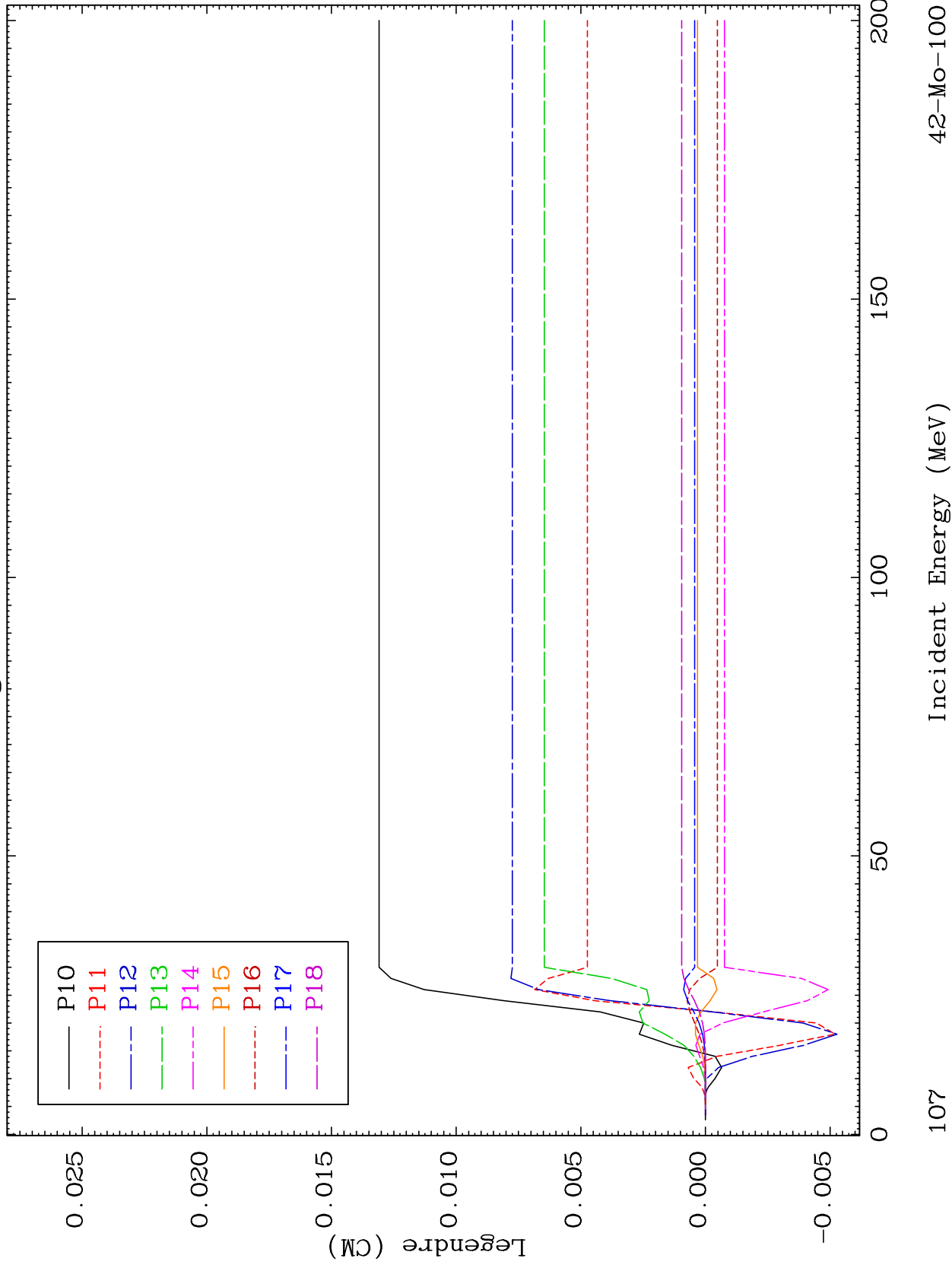




MAT 4249

2.315 MeV (n,n') Level
Legendre Coefficients

42-Mo-100



107

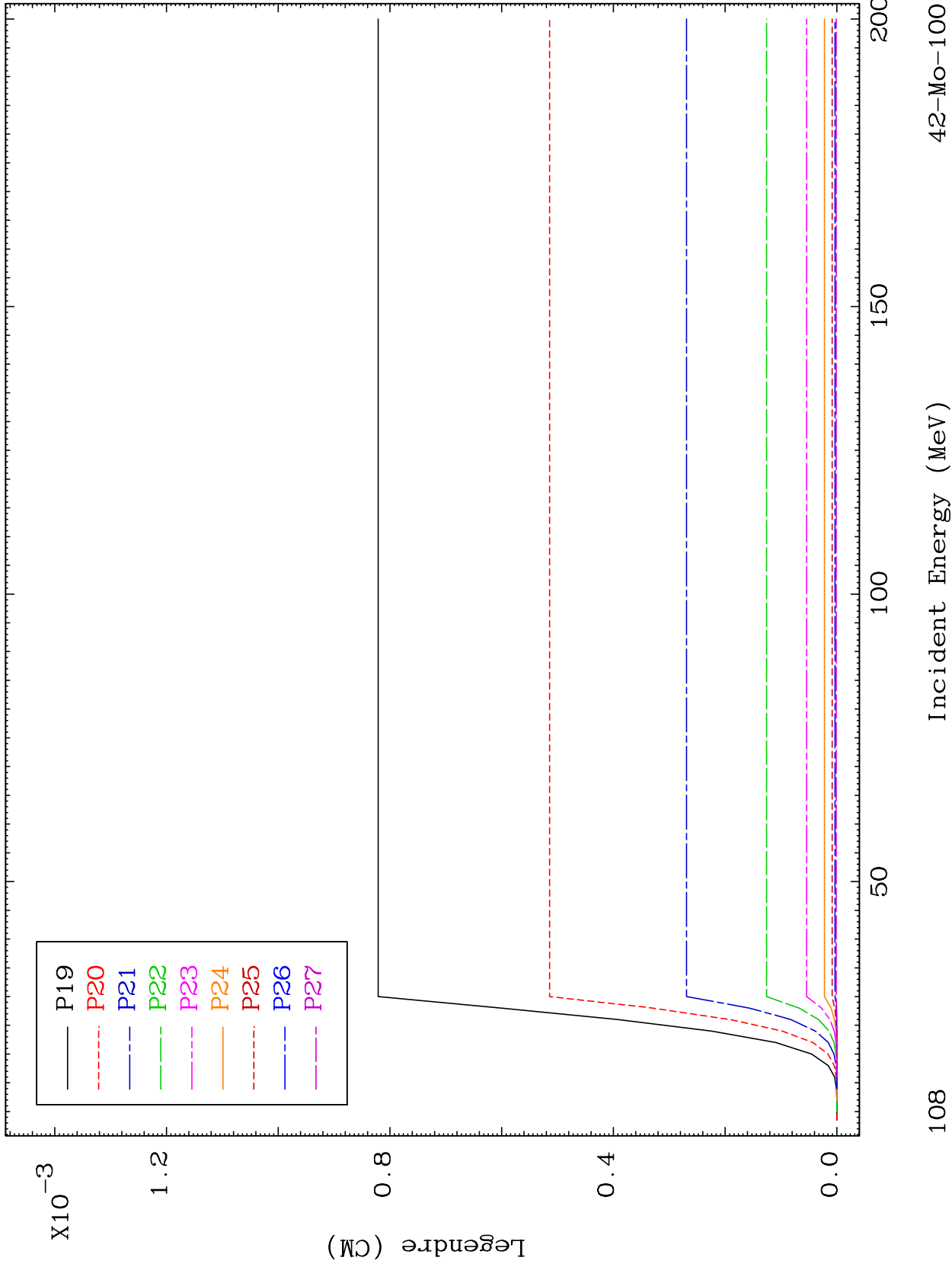
Incident Energy (MeV)

42-Mo-100

MAT 4249

2.315 MeV (n,n') Level
Legendre Coefficients

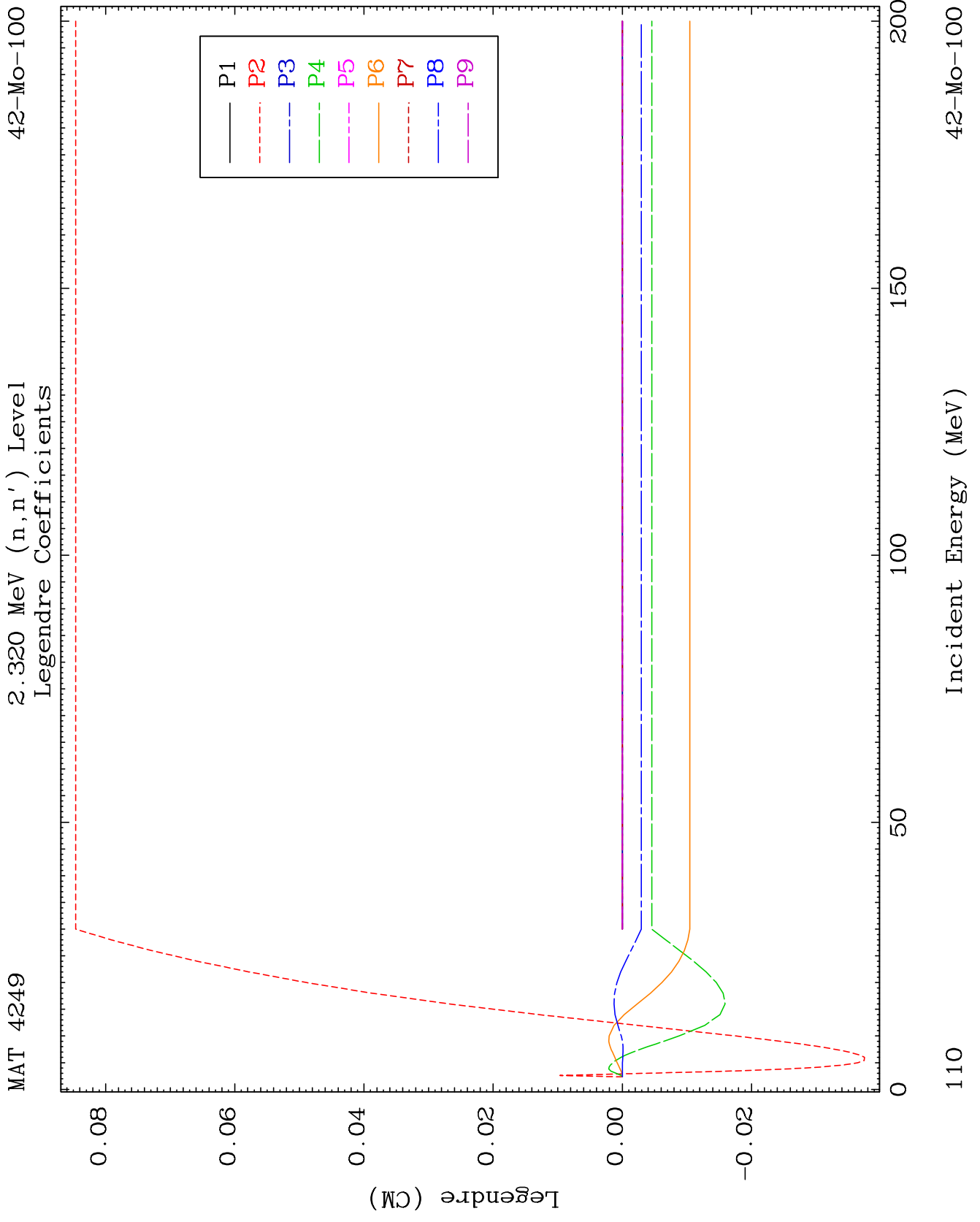
42-Mo-100

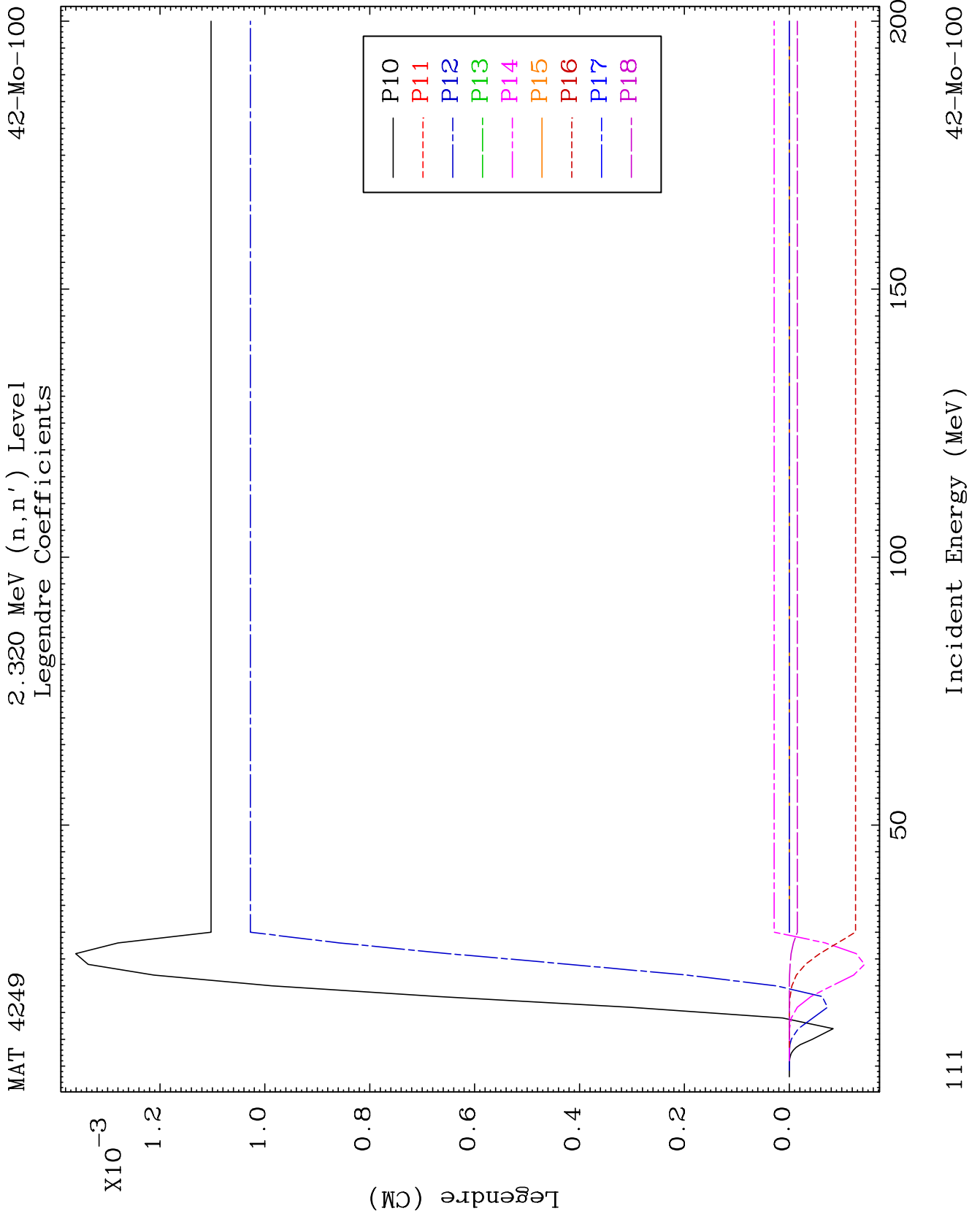


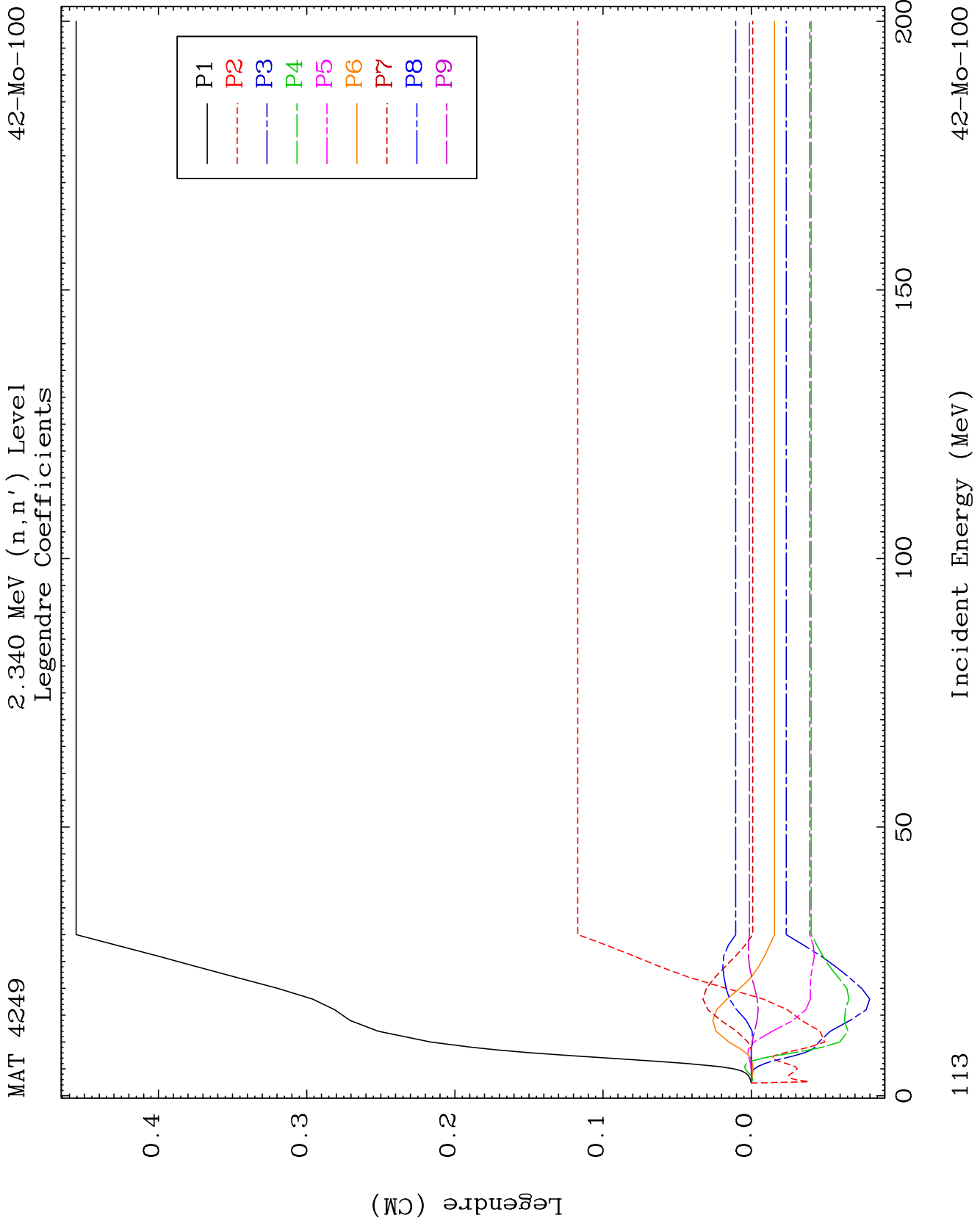
108

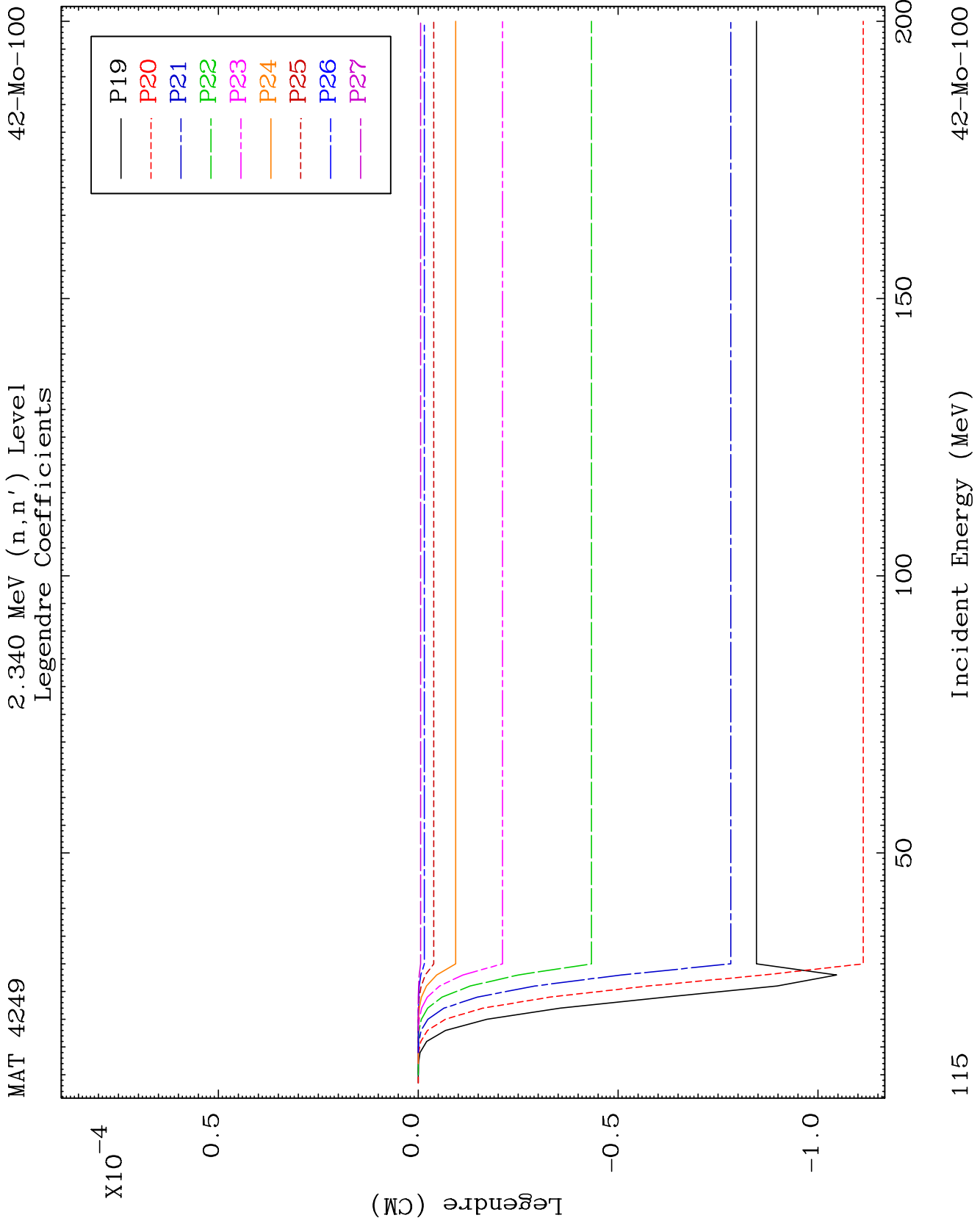
Incident Energy (MeV)

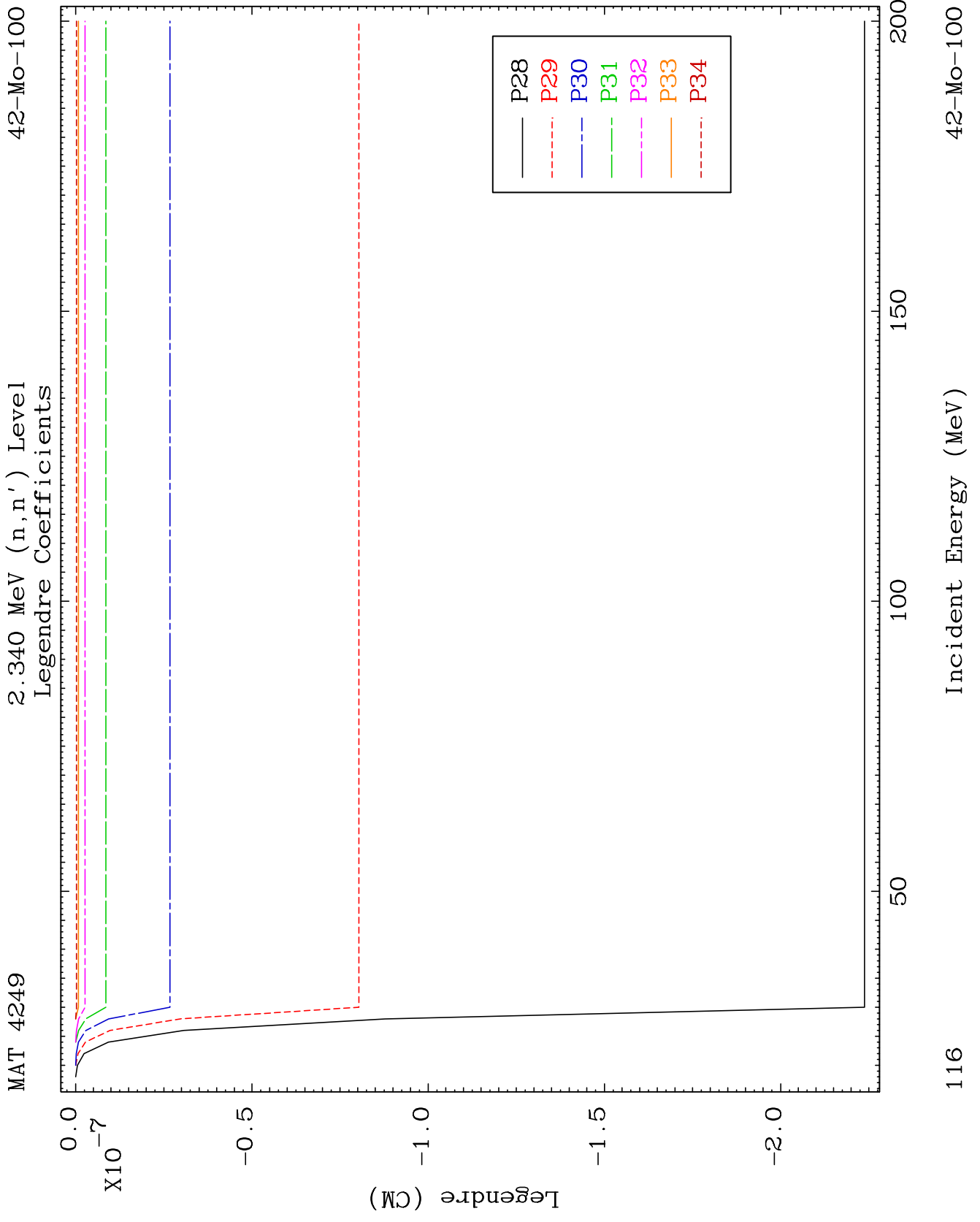
42-Mo-100

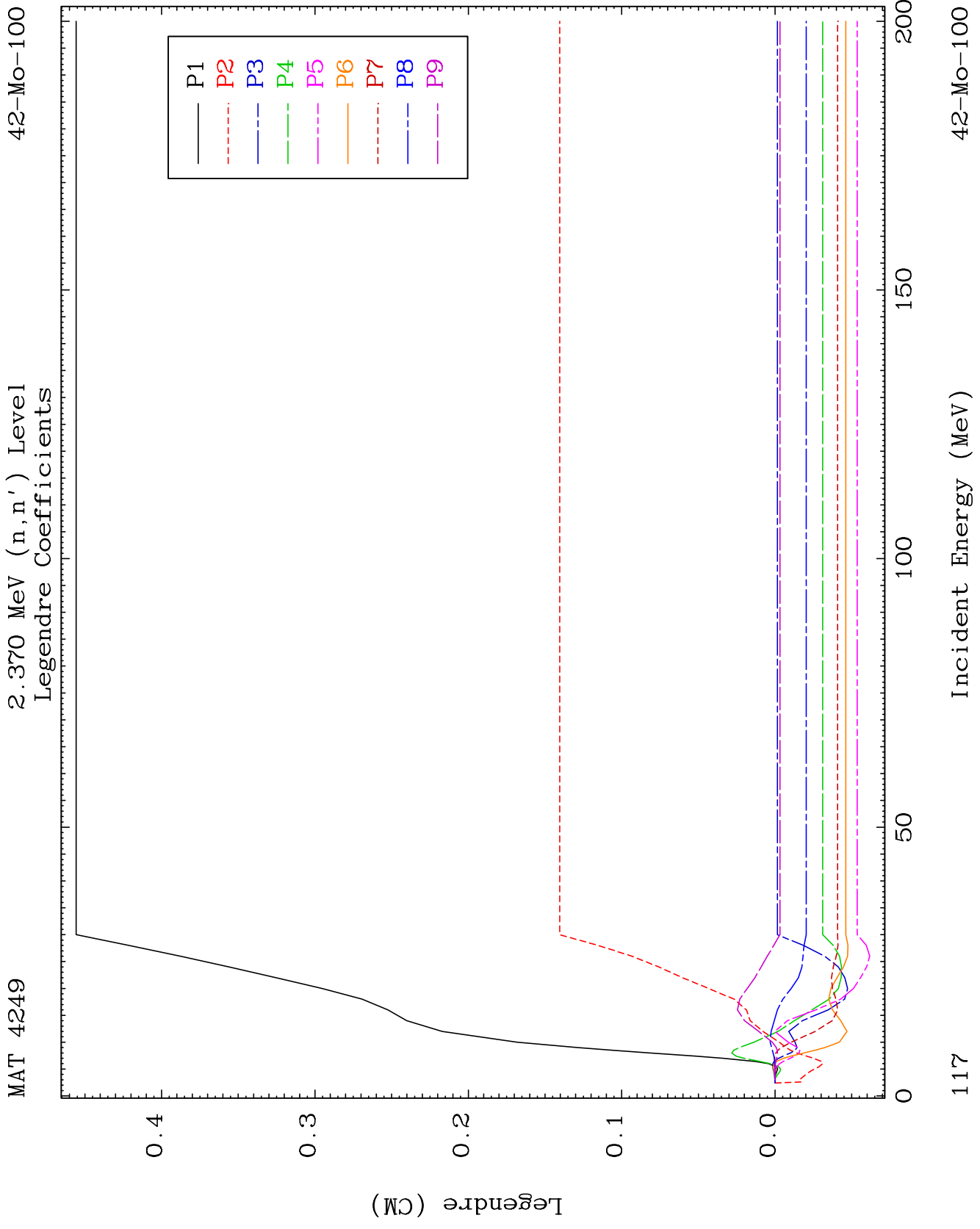


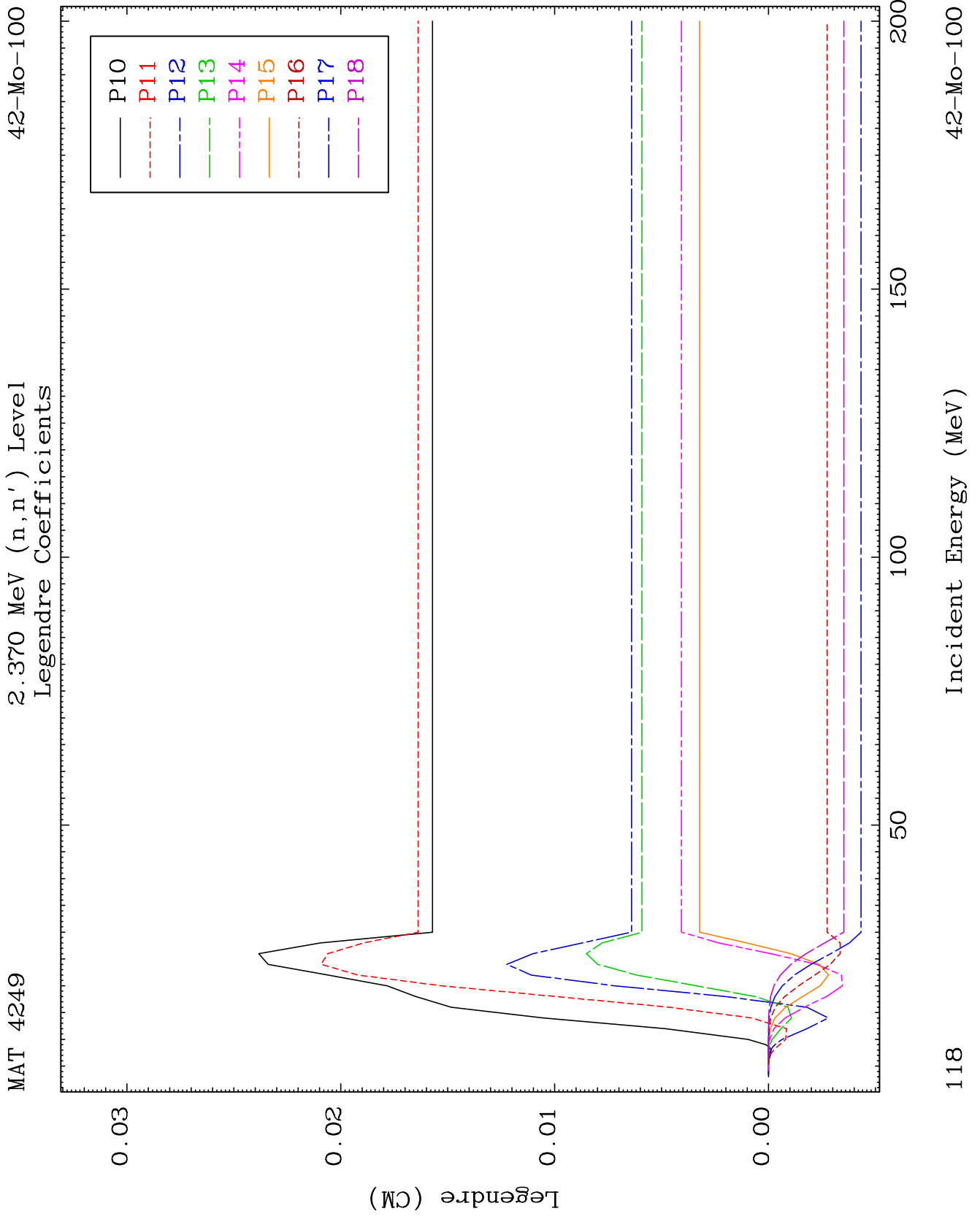


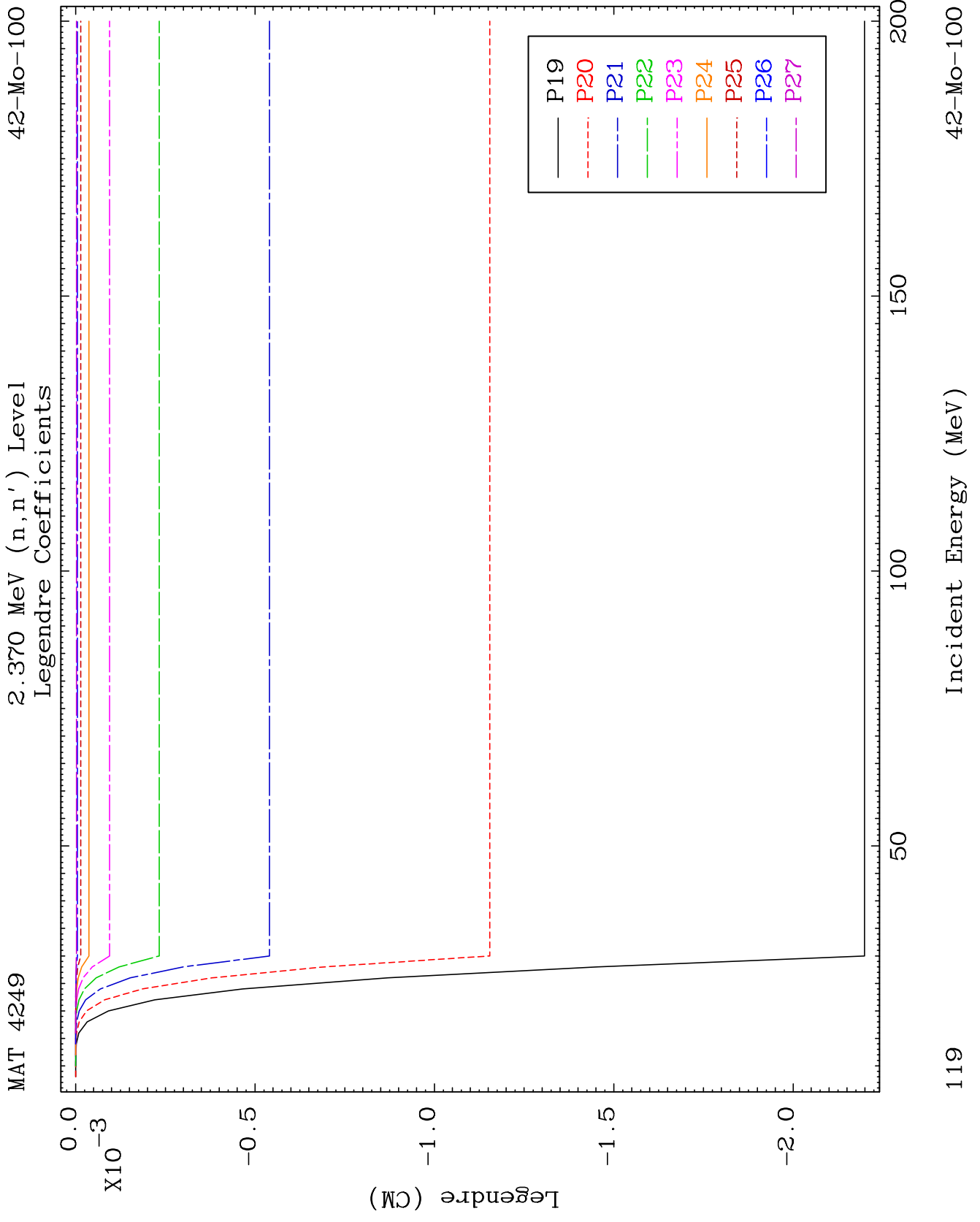


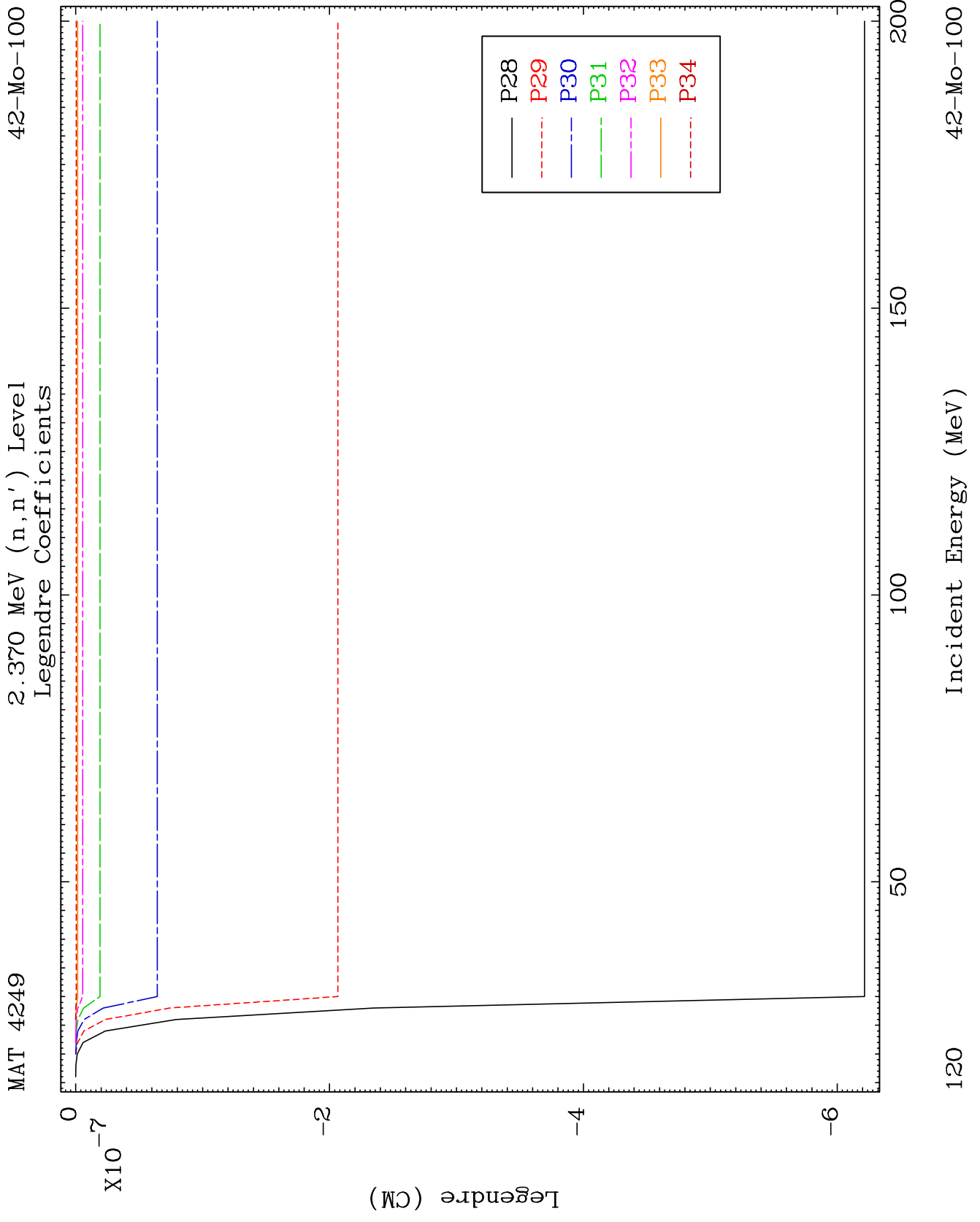


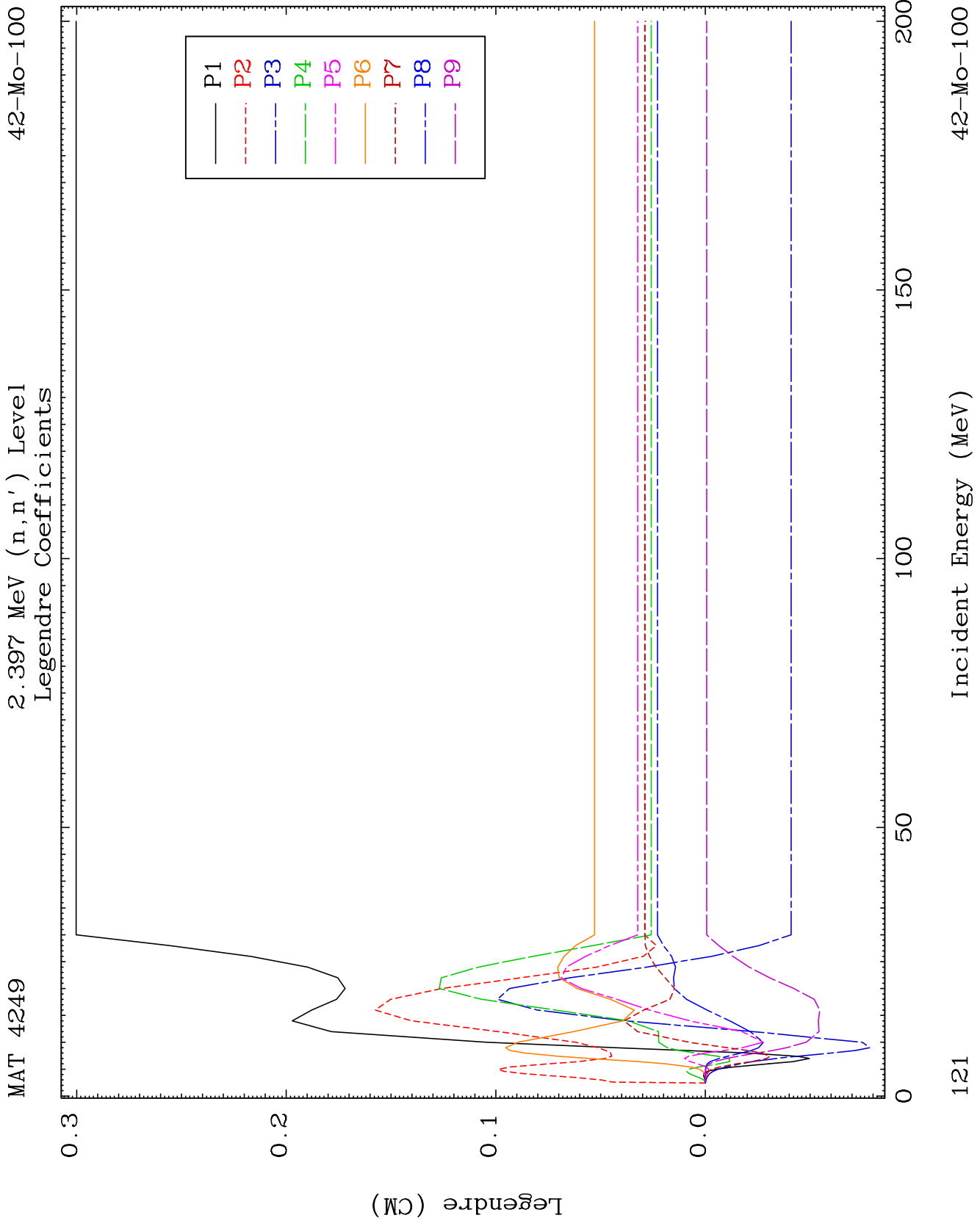








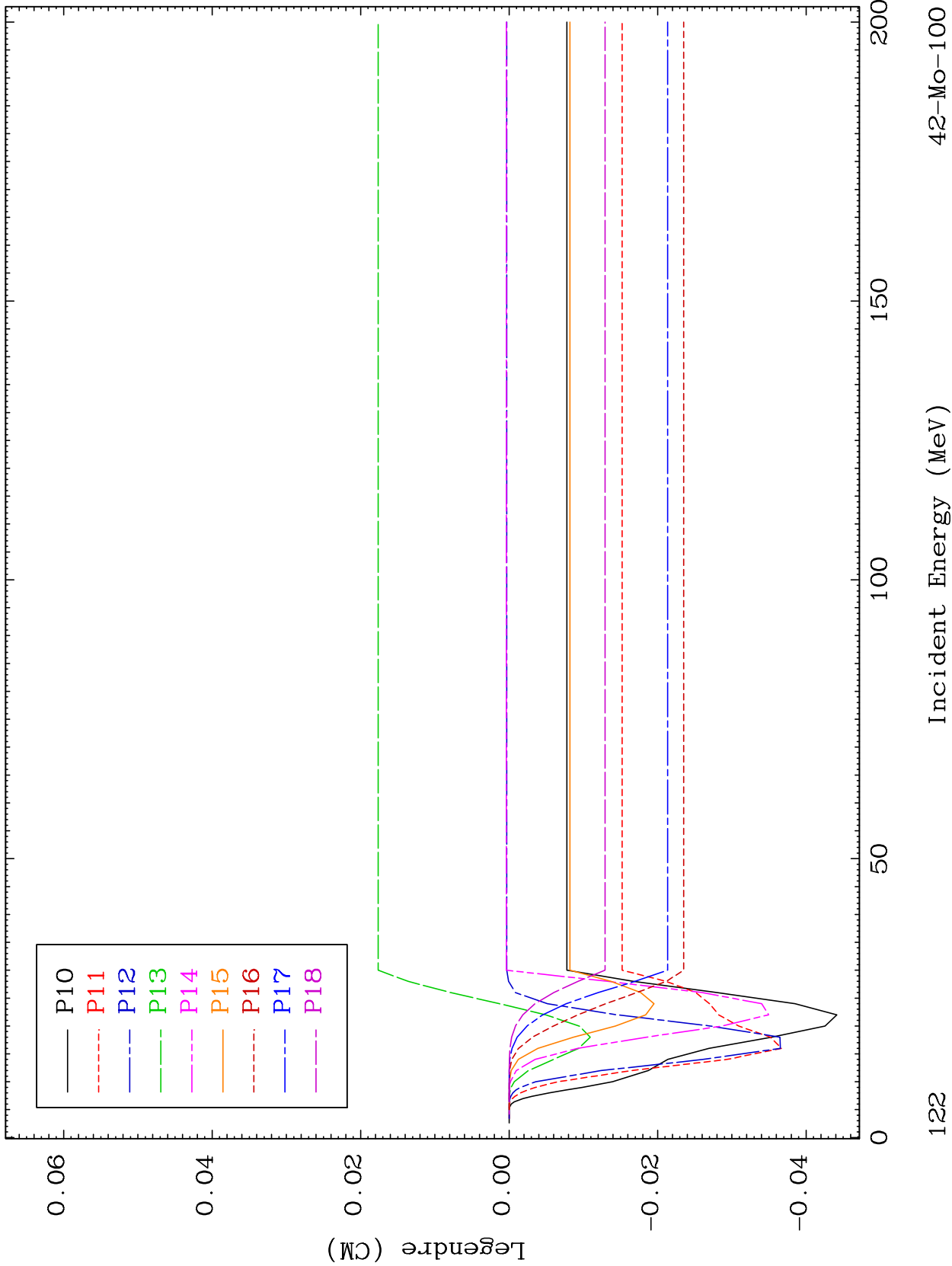




MAT 4249

2.397 MeV (n,n') Level
Legendre Coefficients

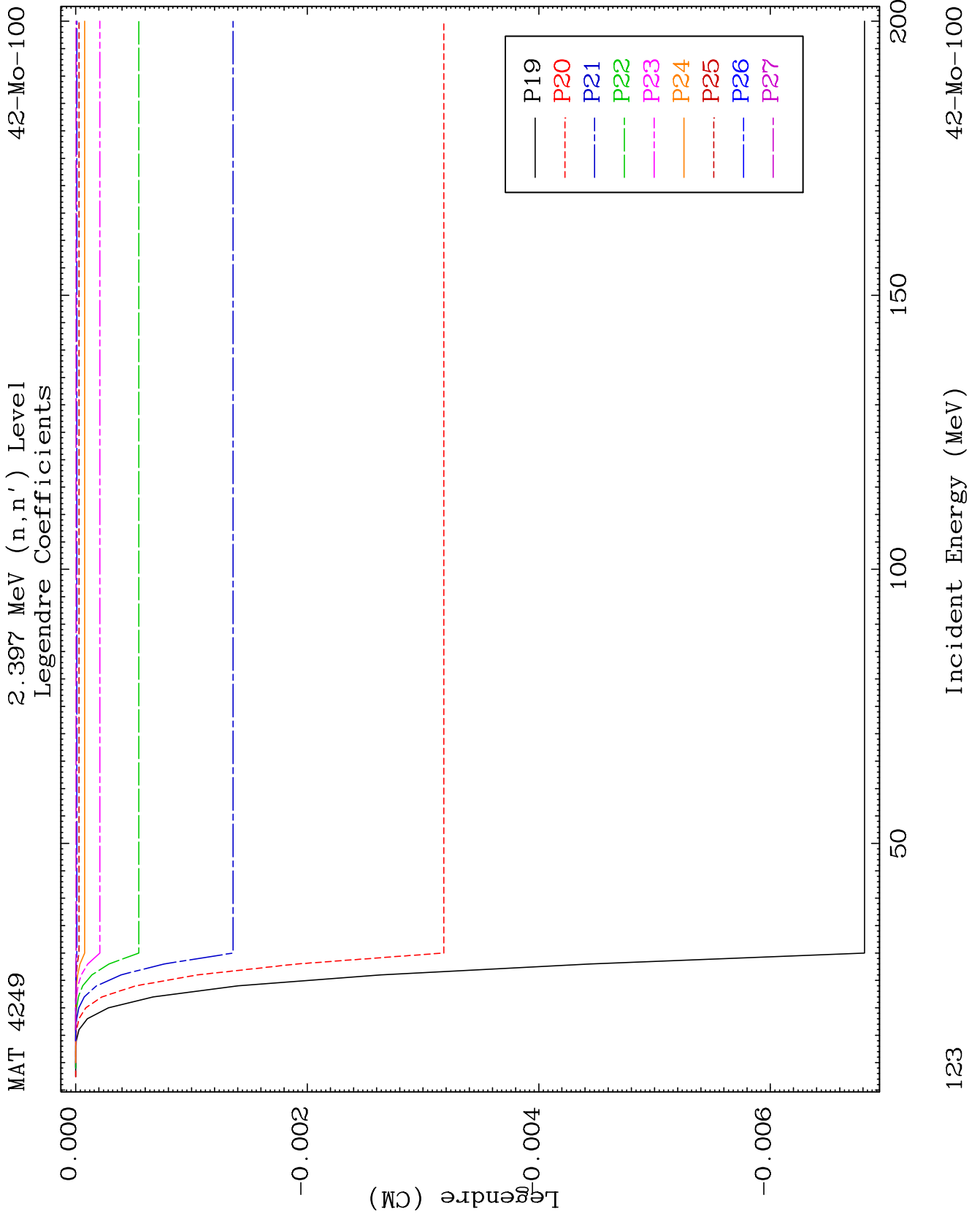
42-Mo-100

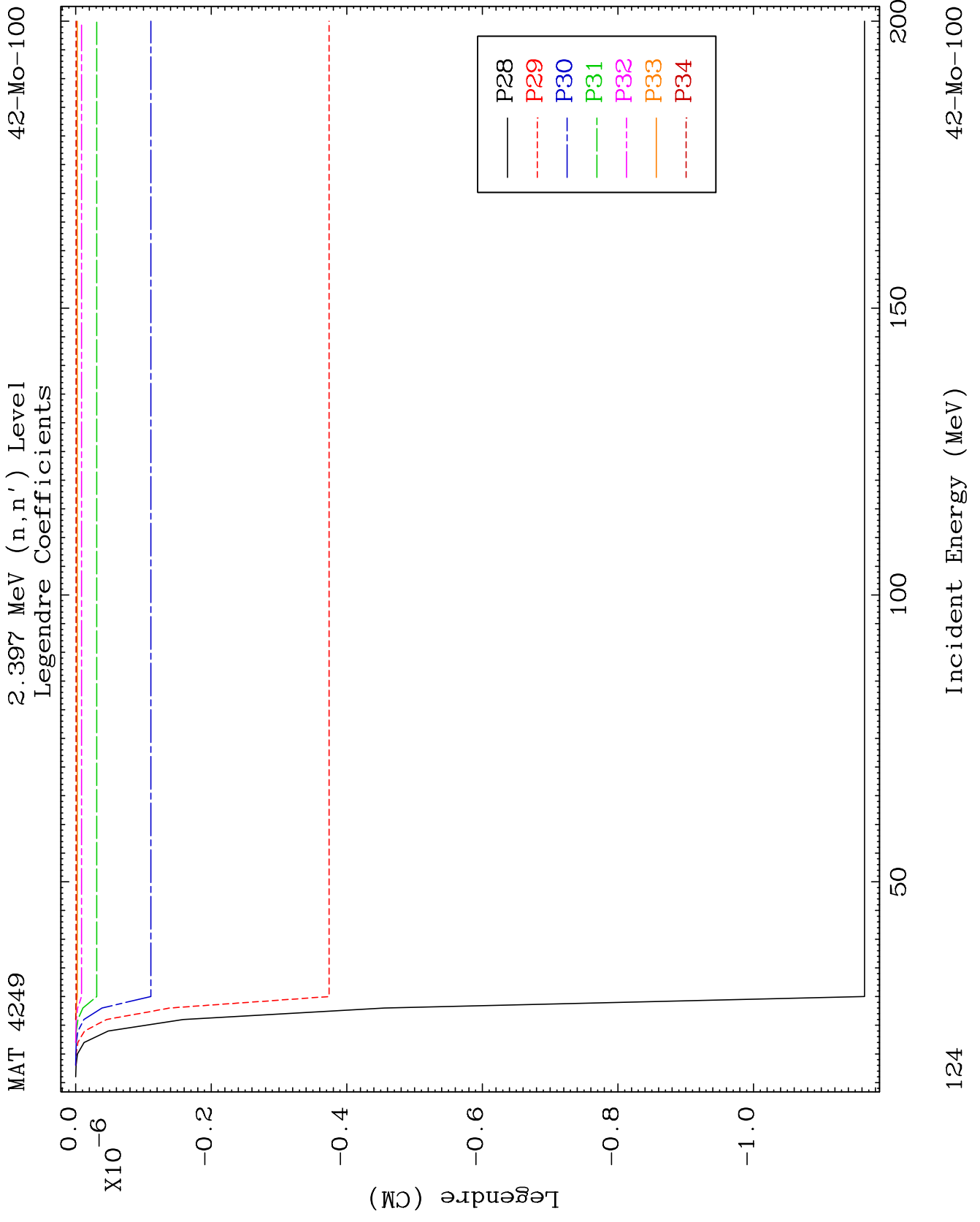


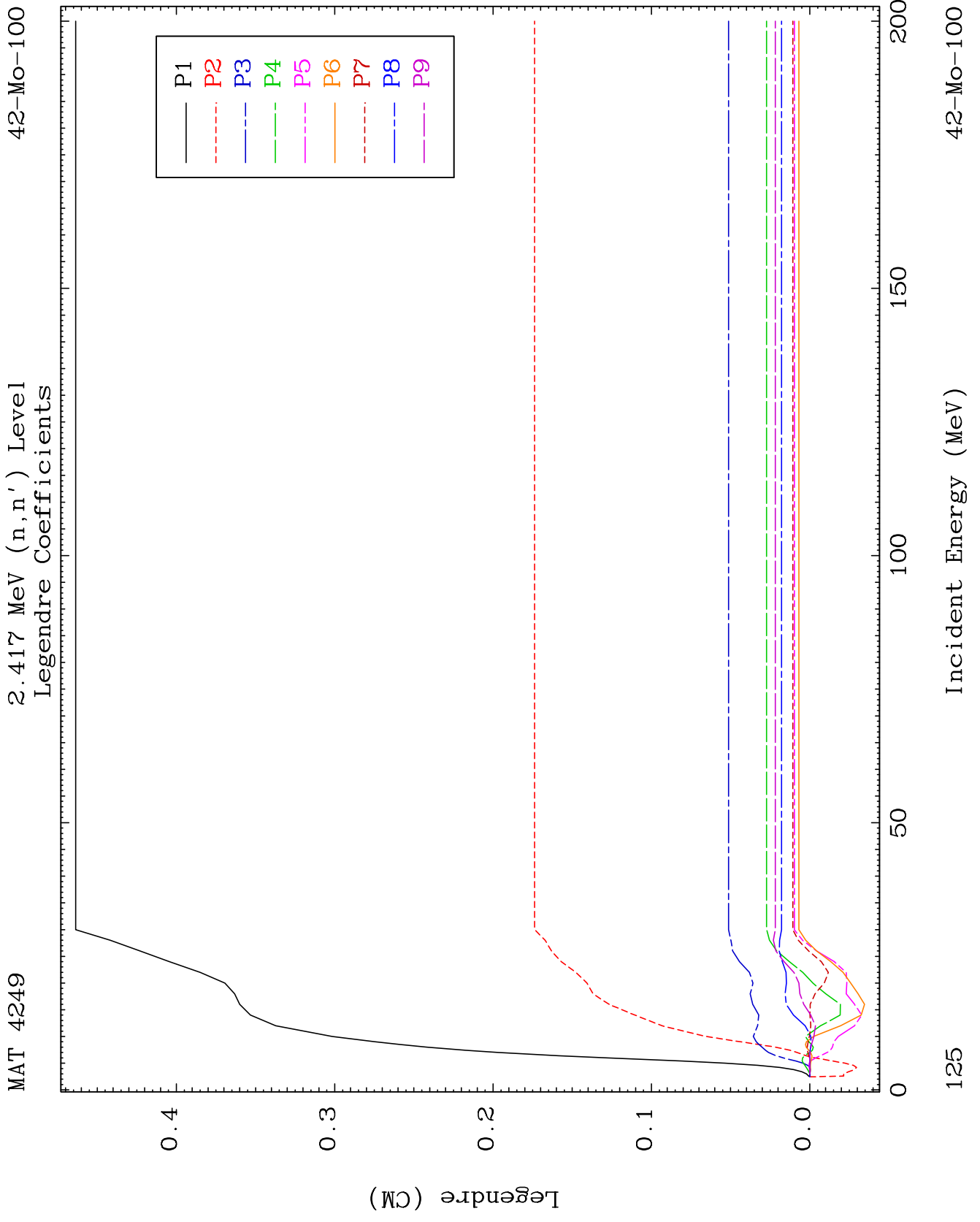
122

Incident Energy (MeV)

42-Mo-100



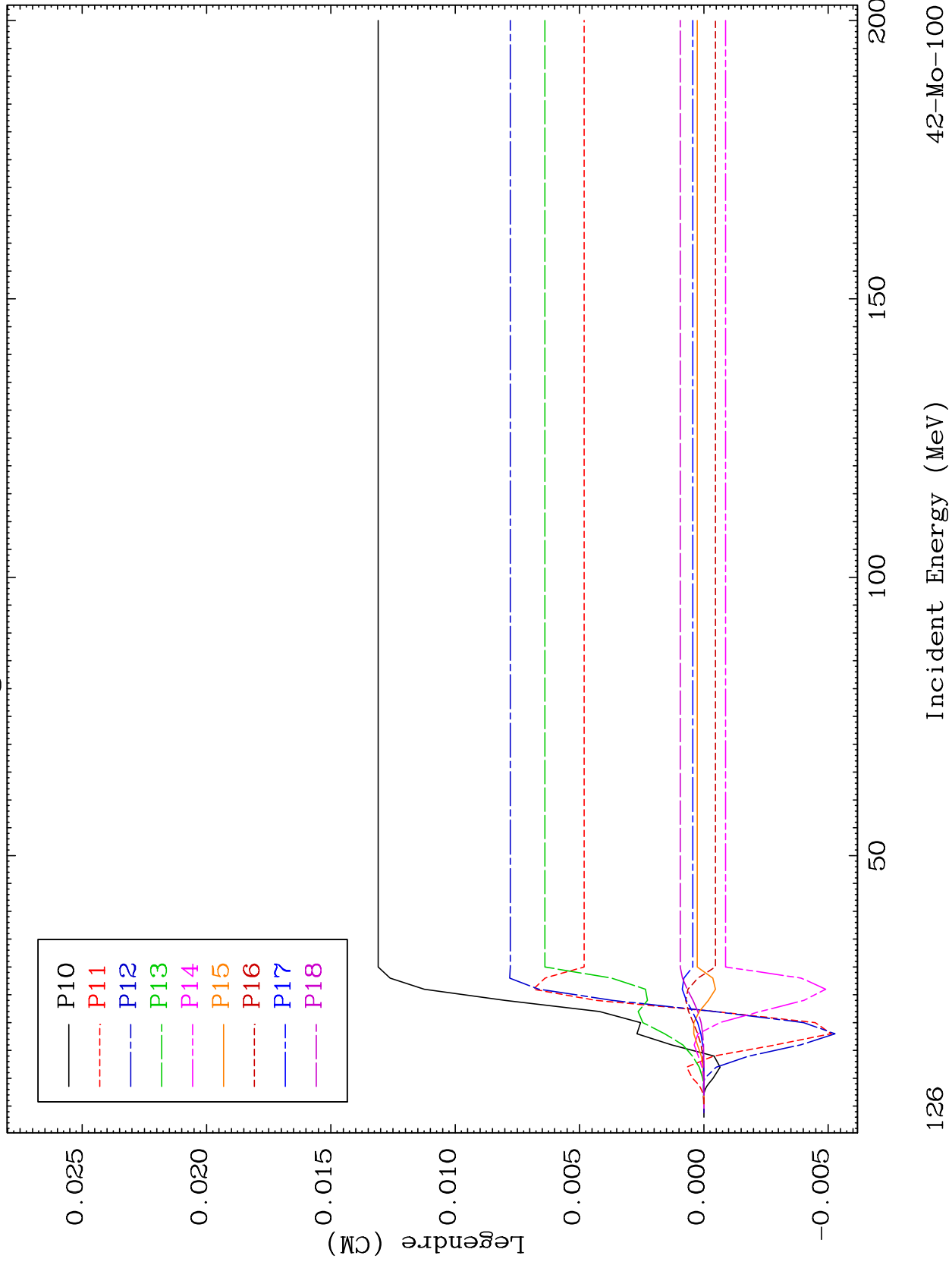




MAT 4249

2.417 MeV (n, n') Level
Legendre Coefficients

42-Mo-100



126

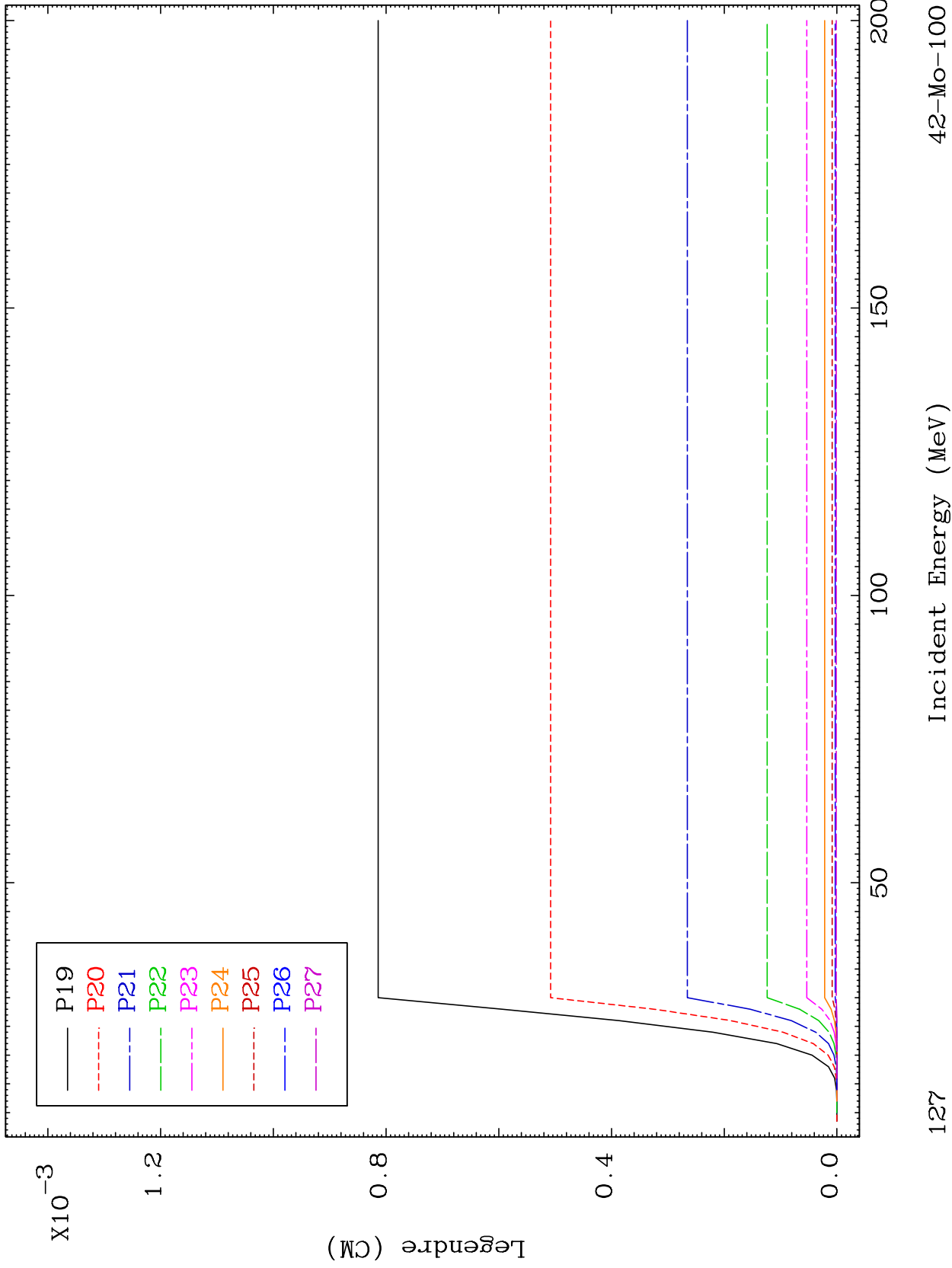
Incident Energy (MeV)

42-Mo-100

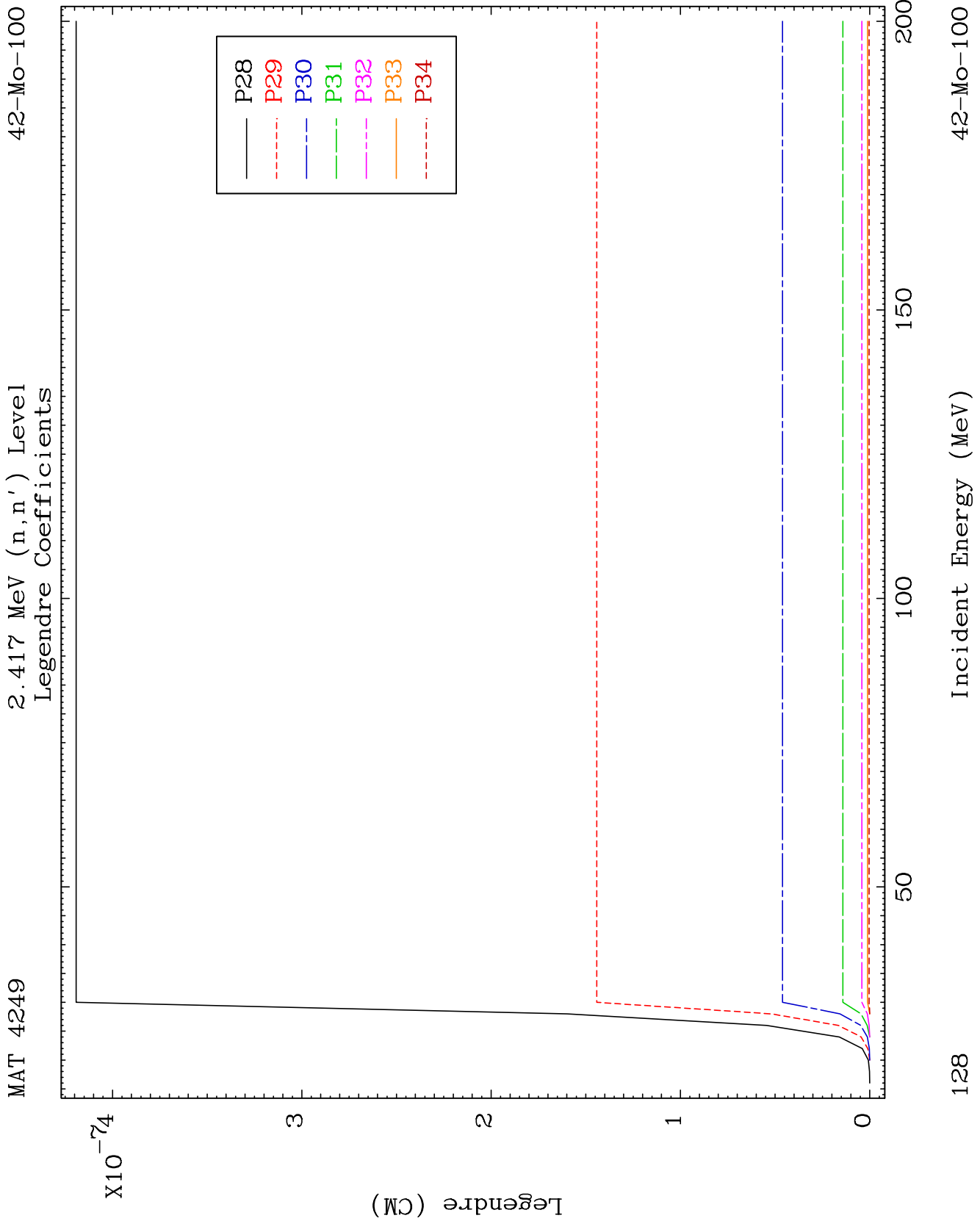
MAT 4249

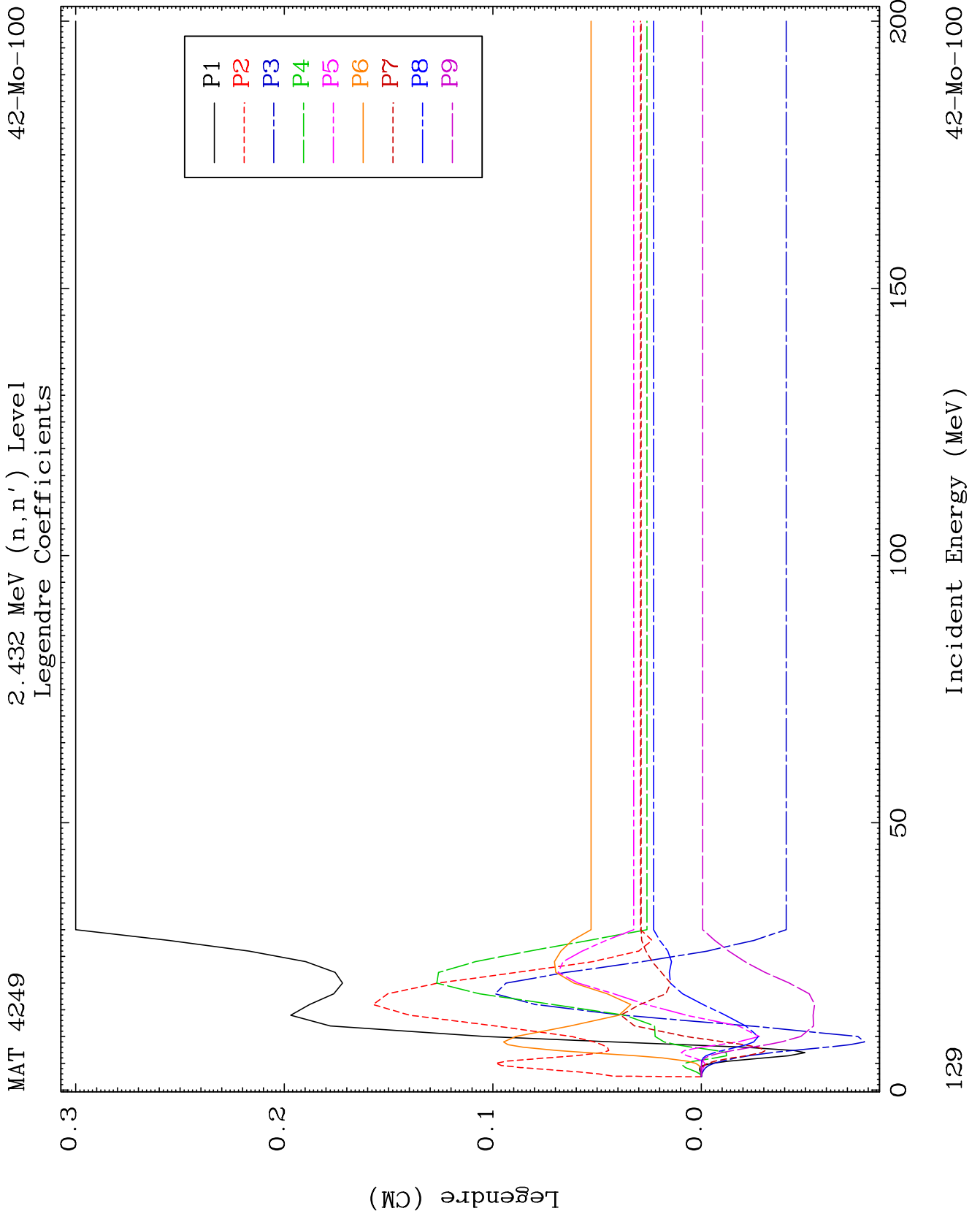
2.417 MeV (n,n') Level
Legendre Coefficients

42-Mo-100



127

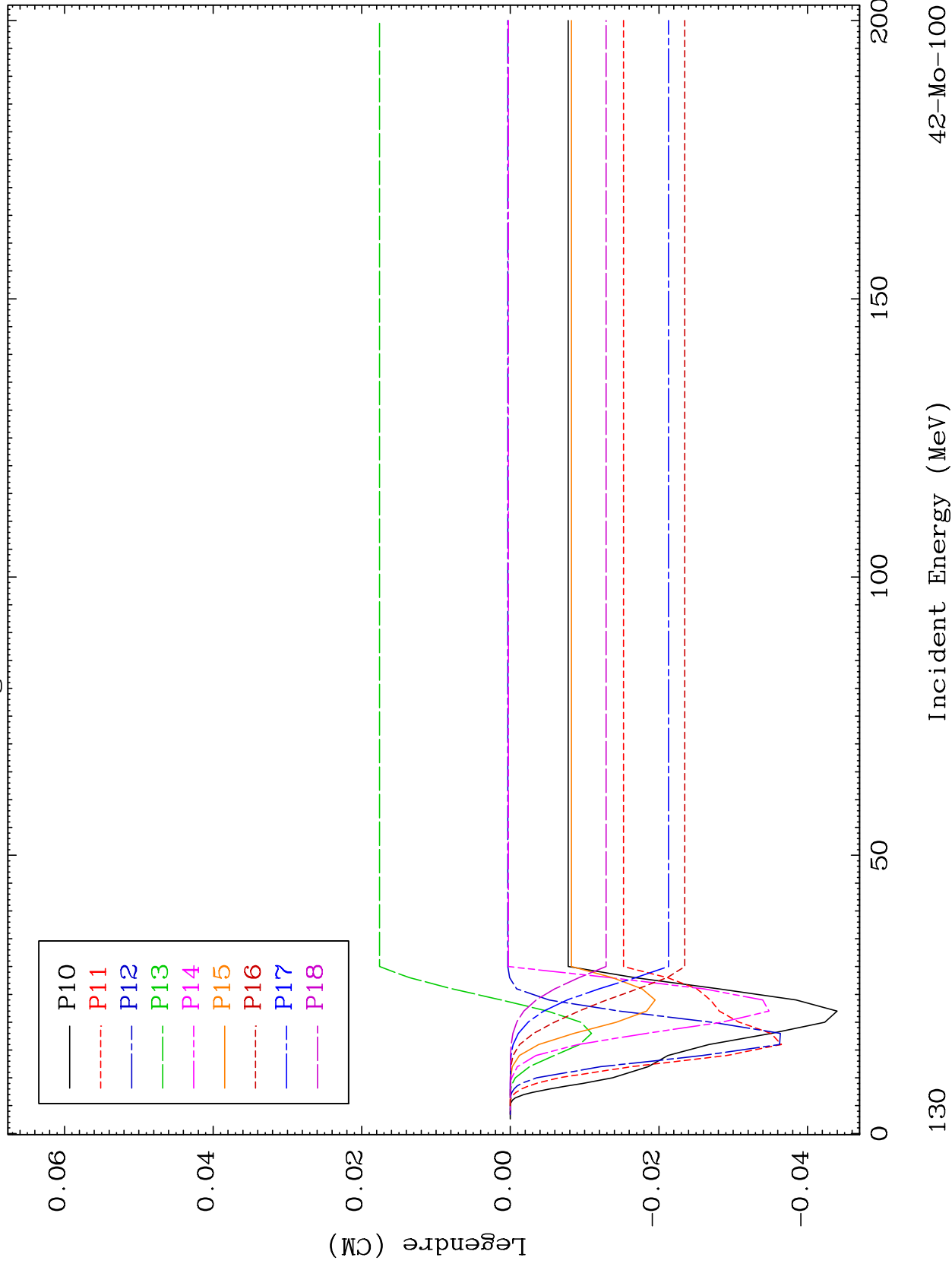


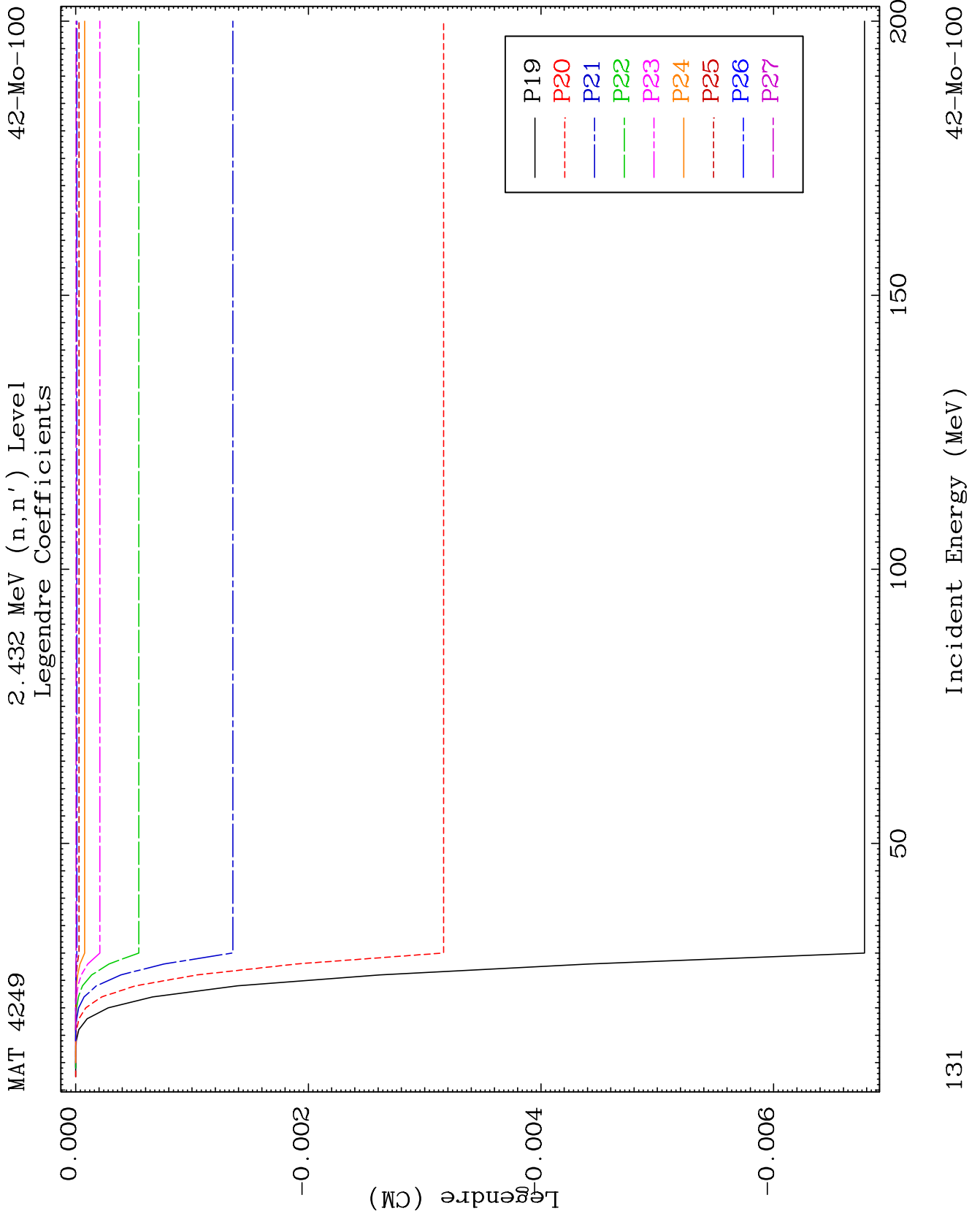


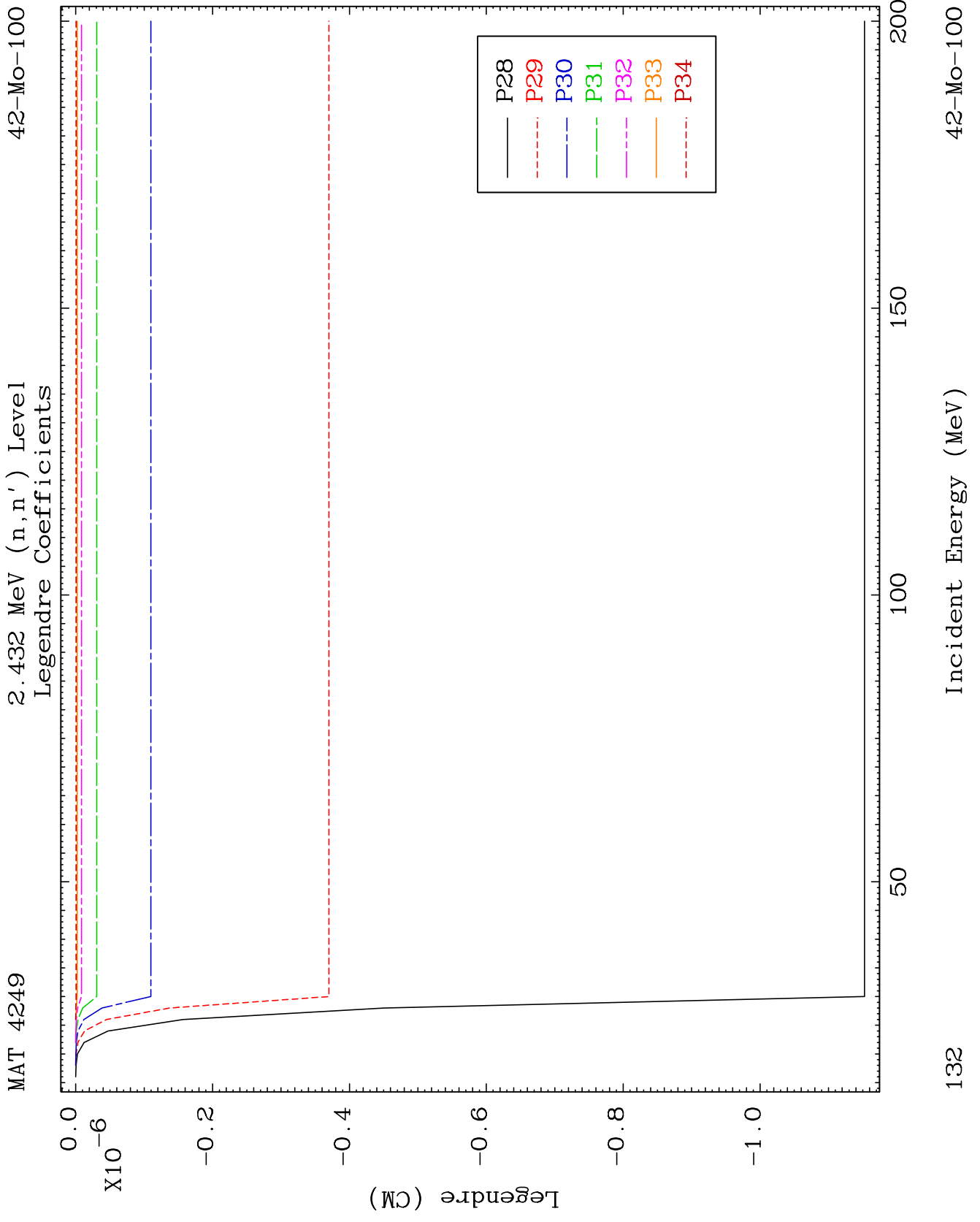
MAT 4249

2.432 MeV (n, n') Level
Legendre Coefficients

42-Mo-100





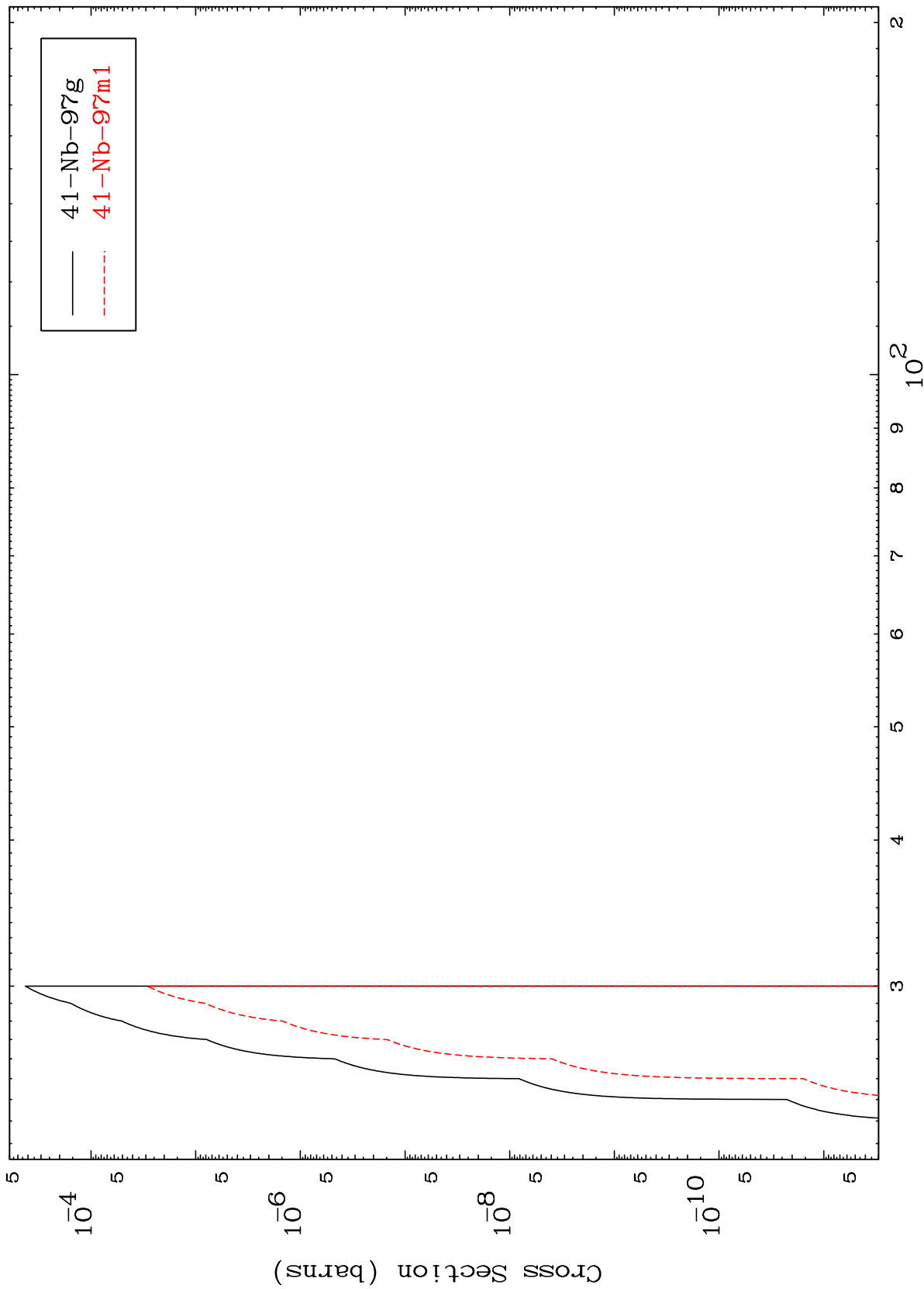


MAT 4249

(n,2n) d

42-Mo-100

Radionuclide Production Cross Section



133

Incident Energy (MeV)

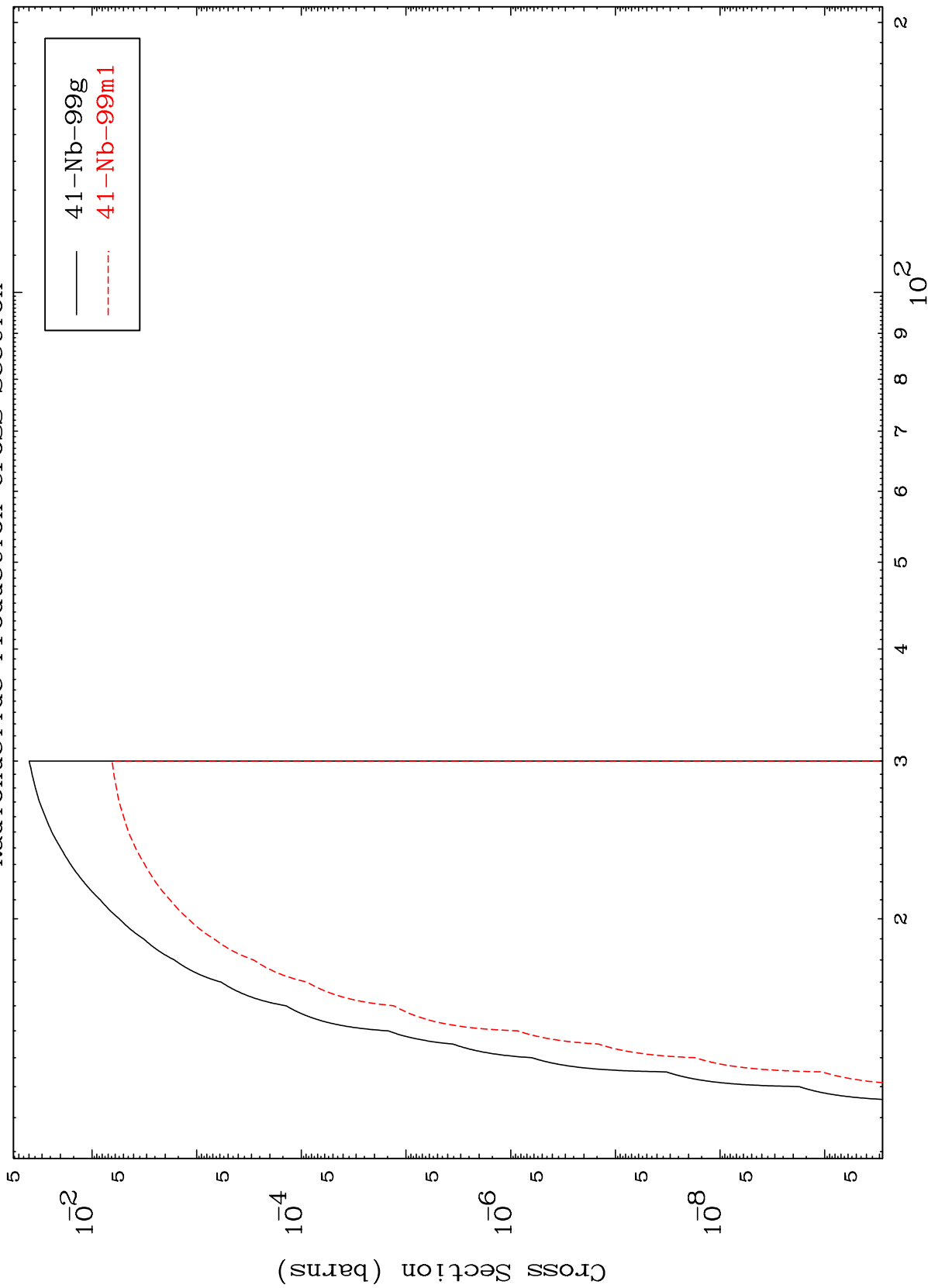
42-Mo-100

MAT 4249

(n,n') p

42-Mo-100

Radionuclide Production Cross Section



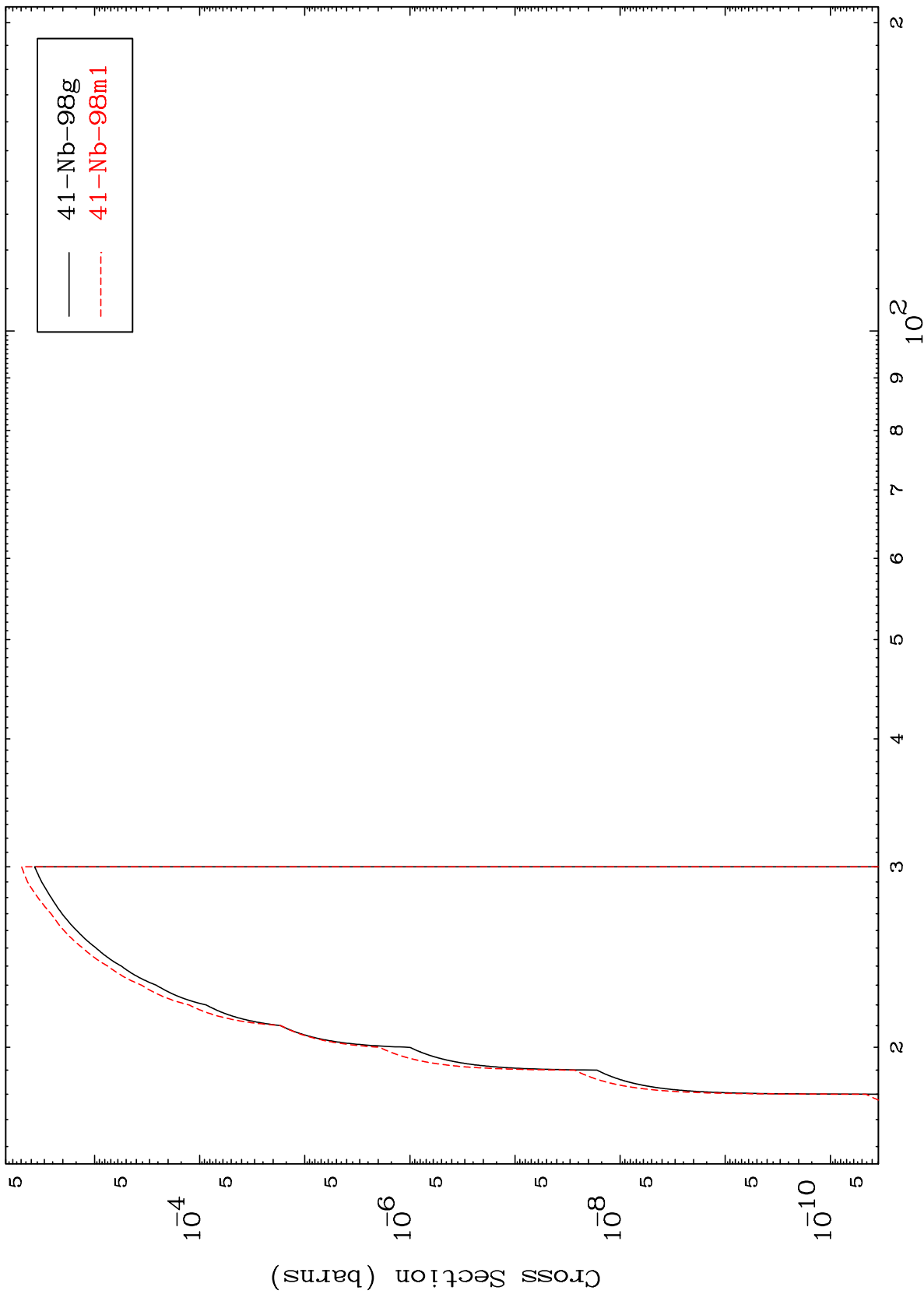
41-Nb-99g
41-Nb-99m1

134

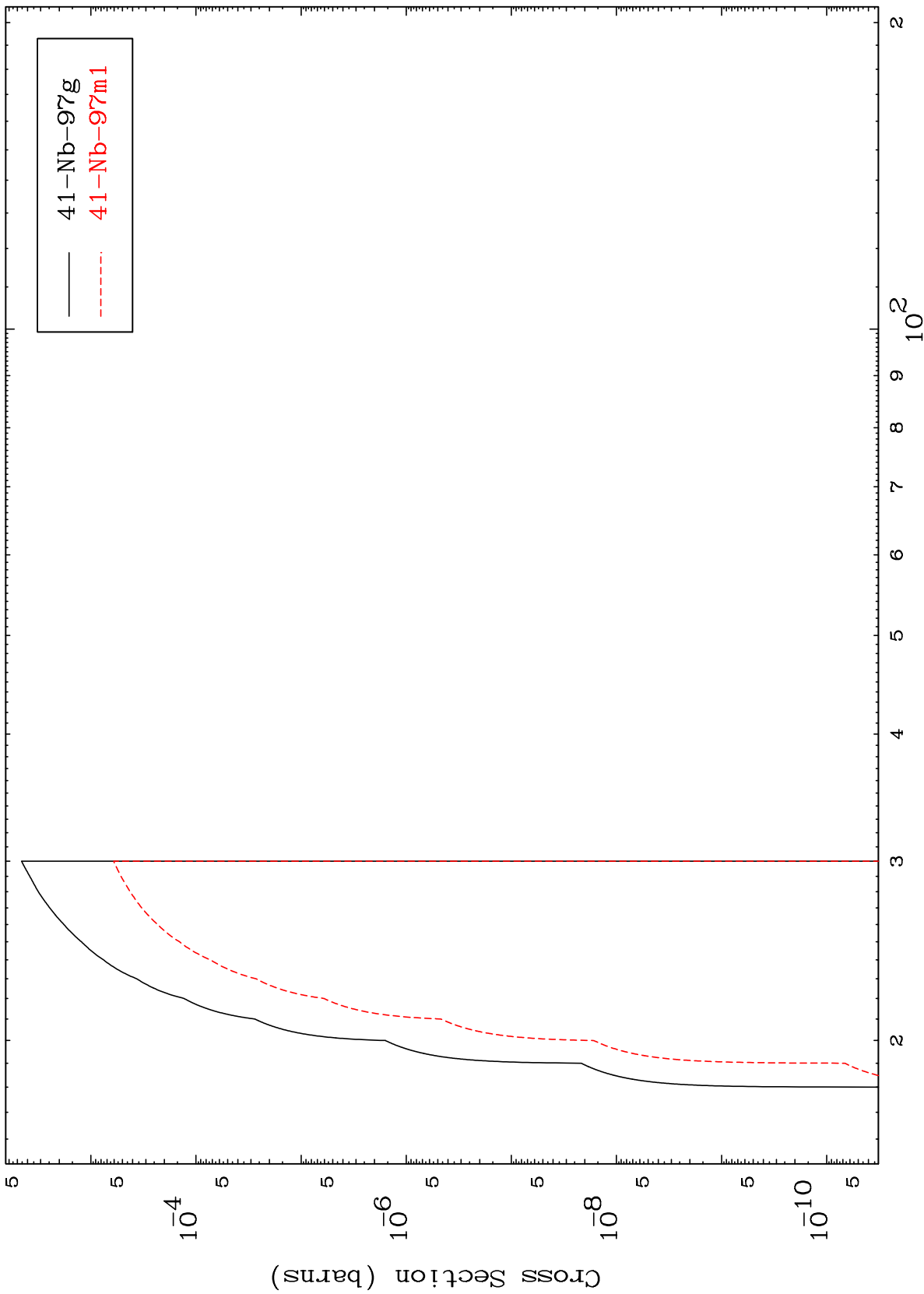
Incident Energy (MeV)

42-Mo-100

(n, n') d
Radionuclide Production Cross Section



Radionuclide Production Cross Section

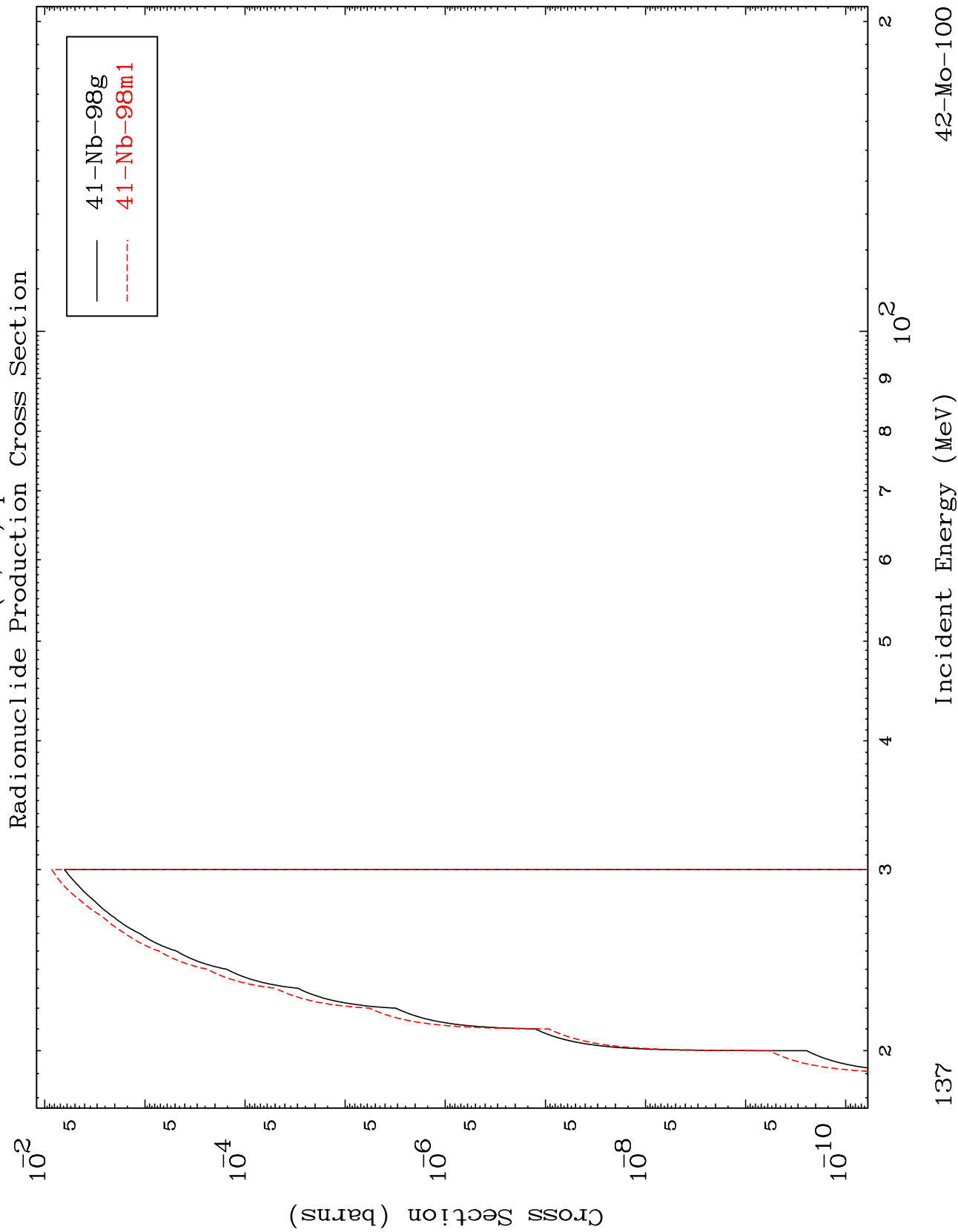


41-Nb-97g
41-Nb-97m1

MAT 4249

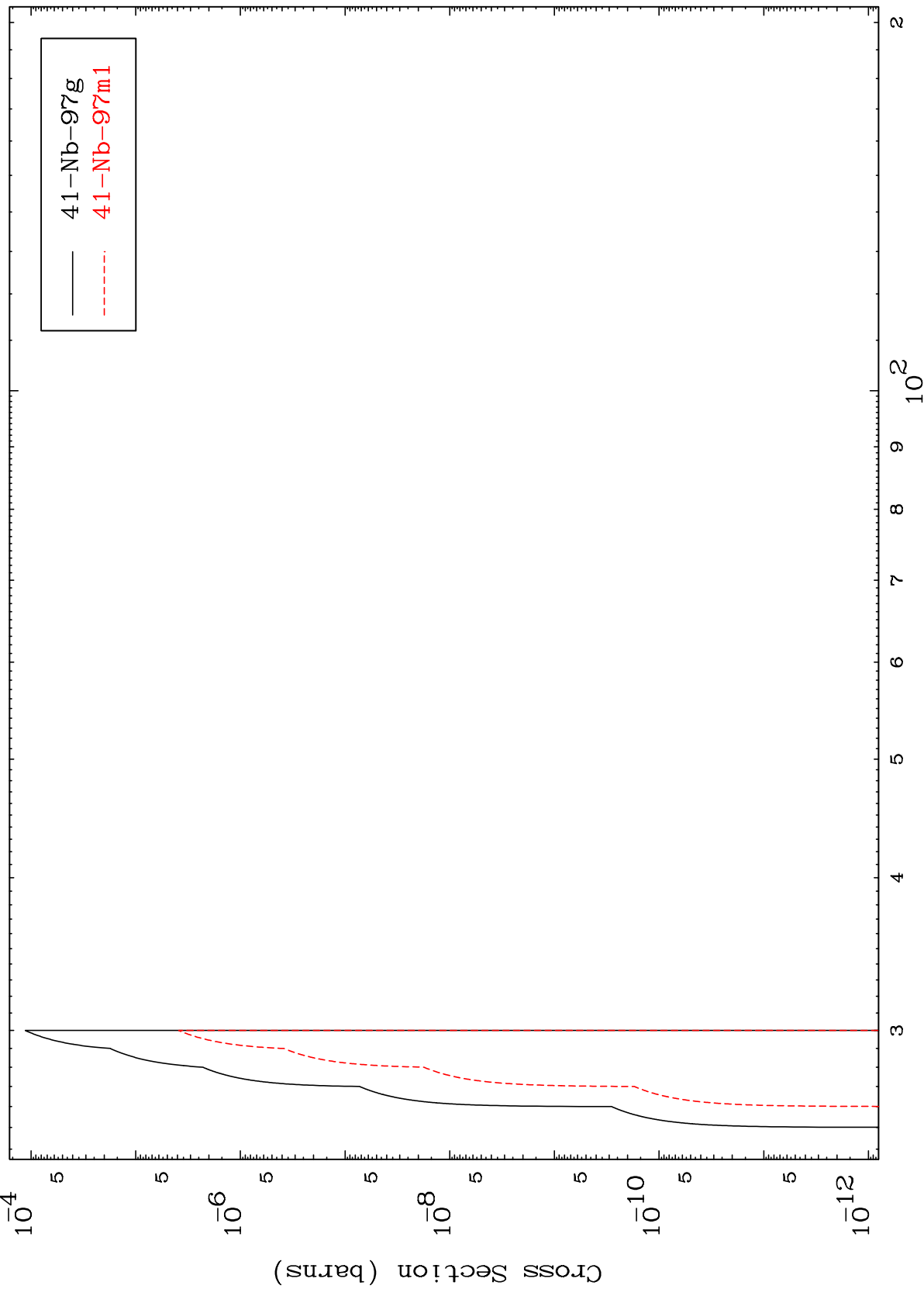
(n,2n) p

42-Mo-100



137

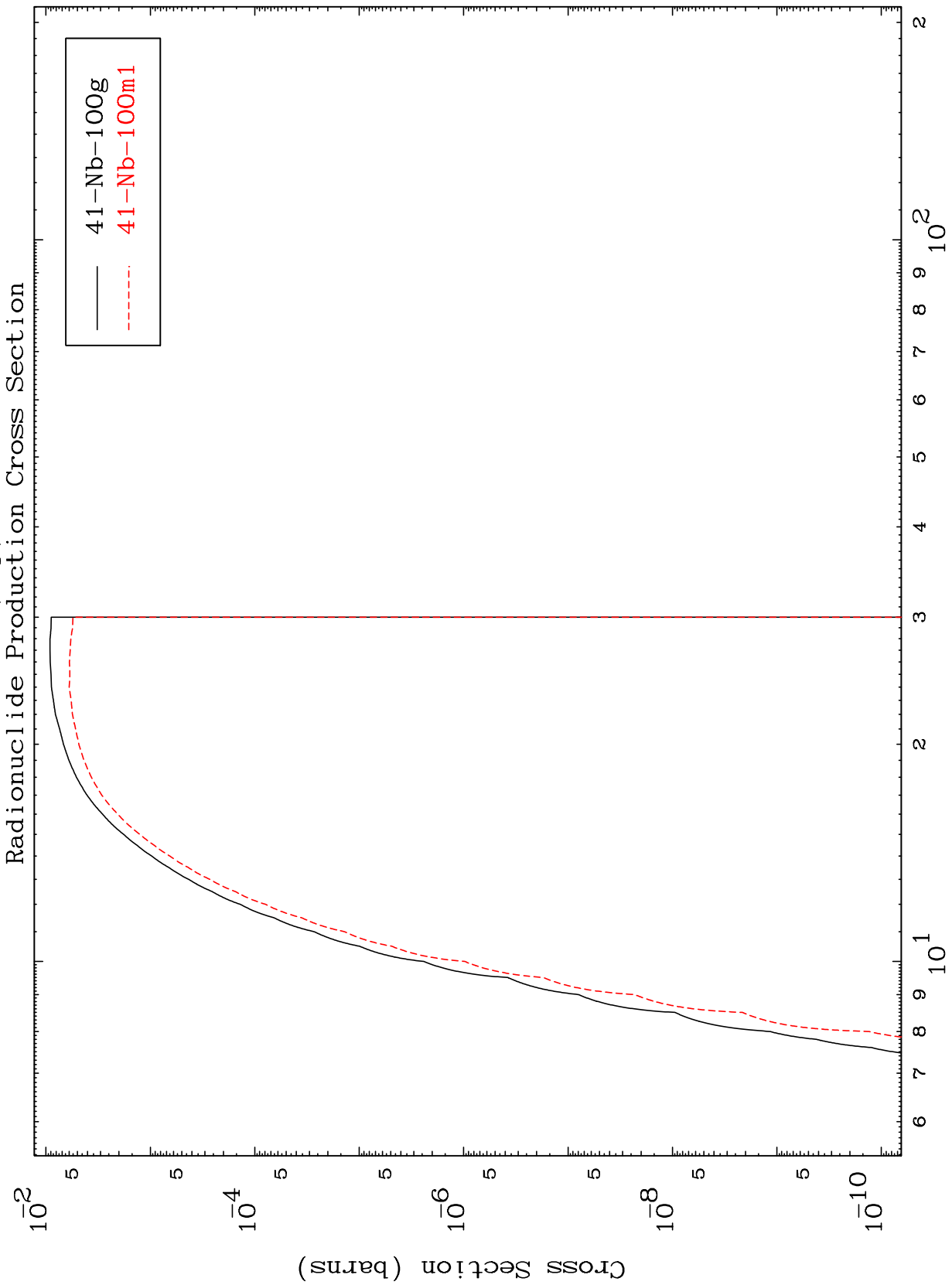
Radionuclide Production Cross Section



MAT 4249

42-Mo-100

(n,p)
Radionuclide Production Cross Section



139

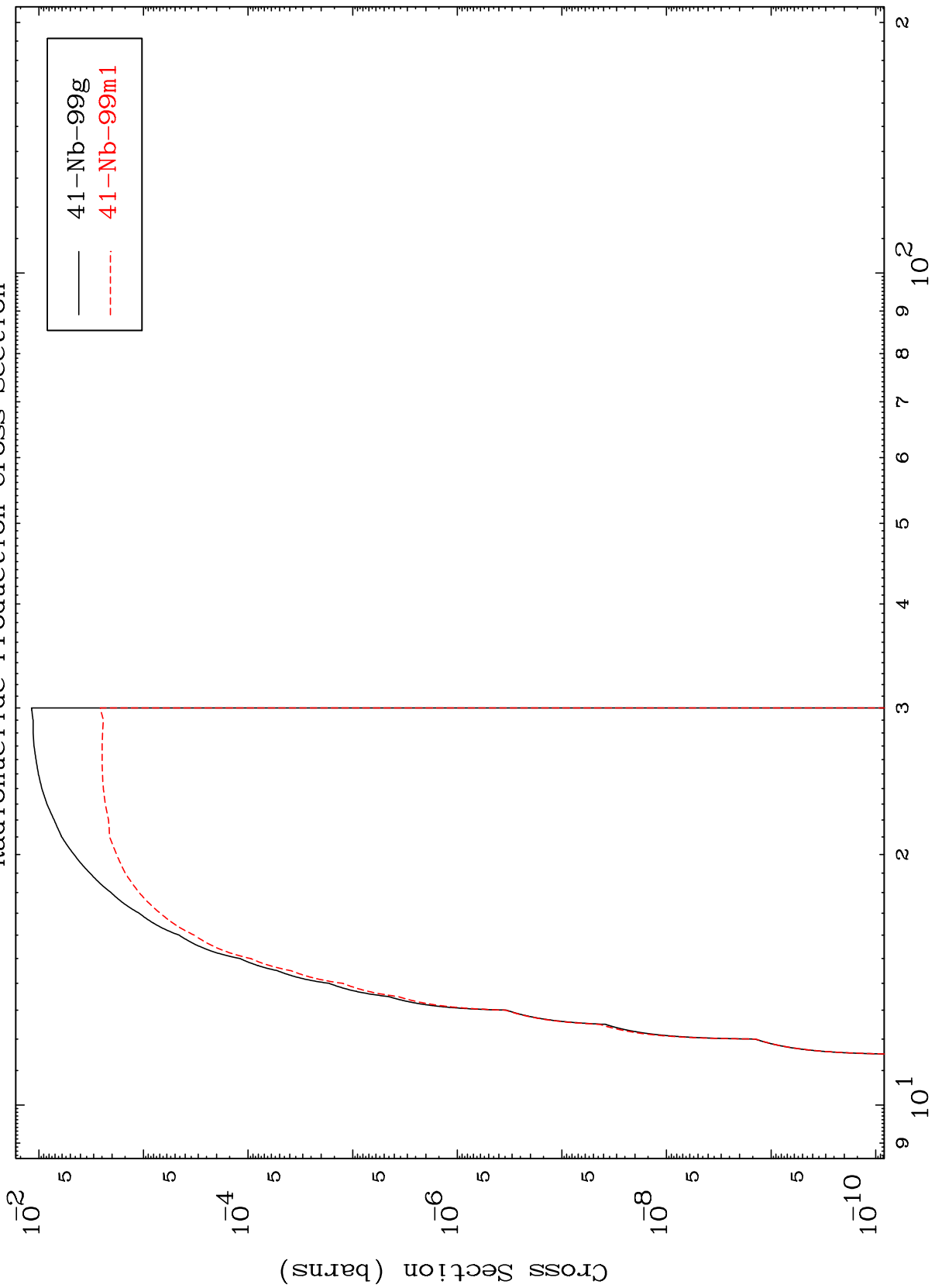
Incident Energy (MeV)

42-Mo-100

MAT 4249

42-Mo-100

(n,d)
Radionuclide Production Cross Section



41-Nb-99g
41-Nb-99m1

42-Mo-100

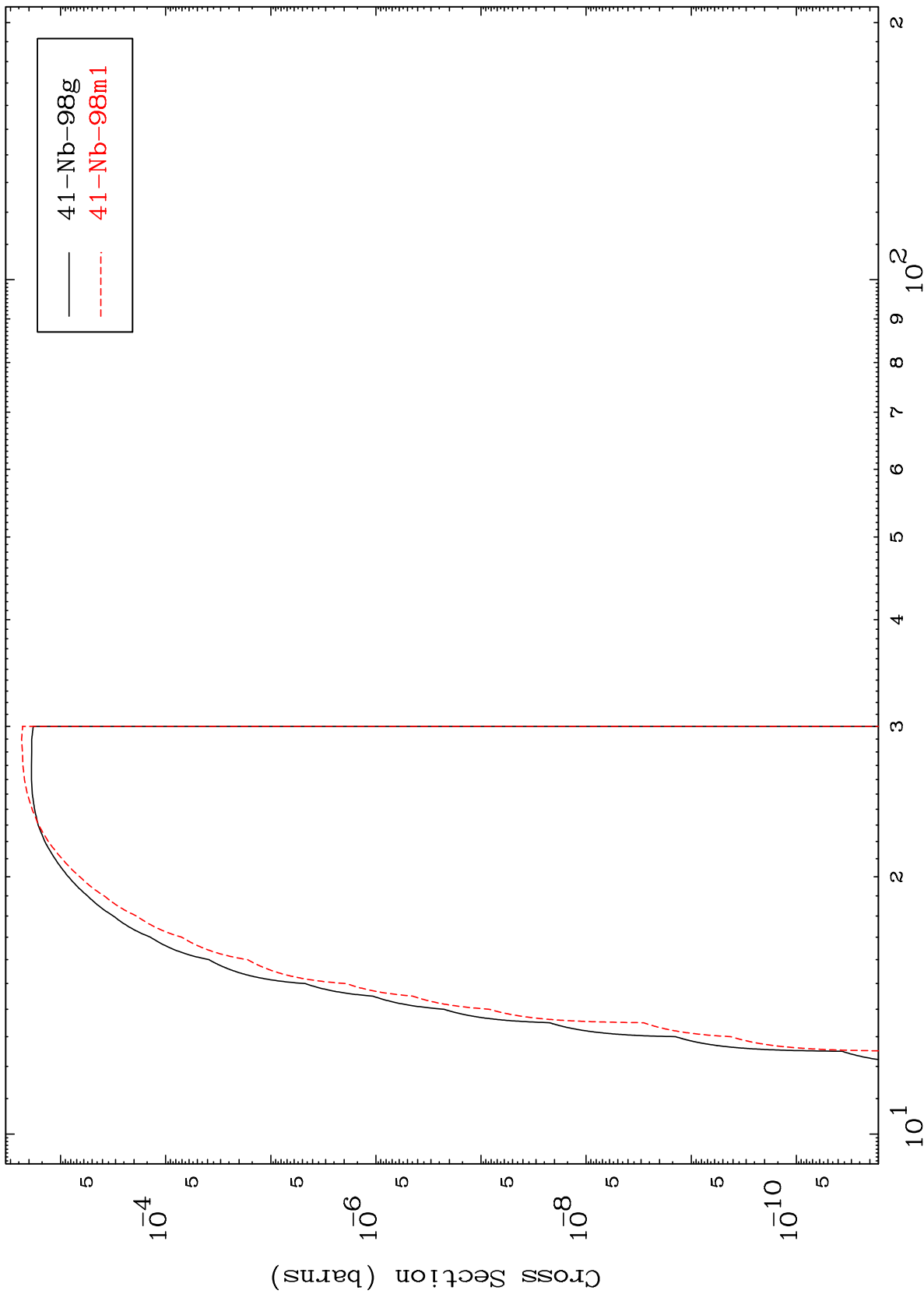
Incident Energy (MeV)

140

MAT 4249

42-Mo-100

(n, t)
Radionuclide Production Cross Section



42-Mo-100

Incident Energy (MeV)

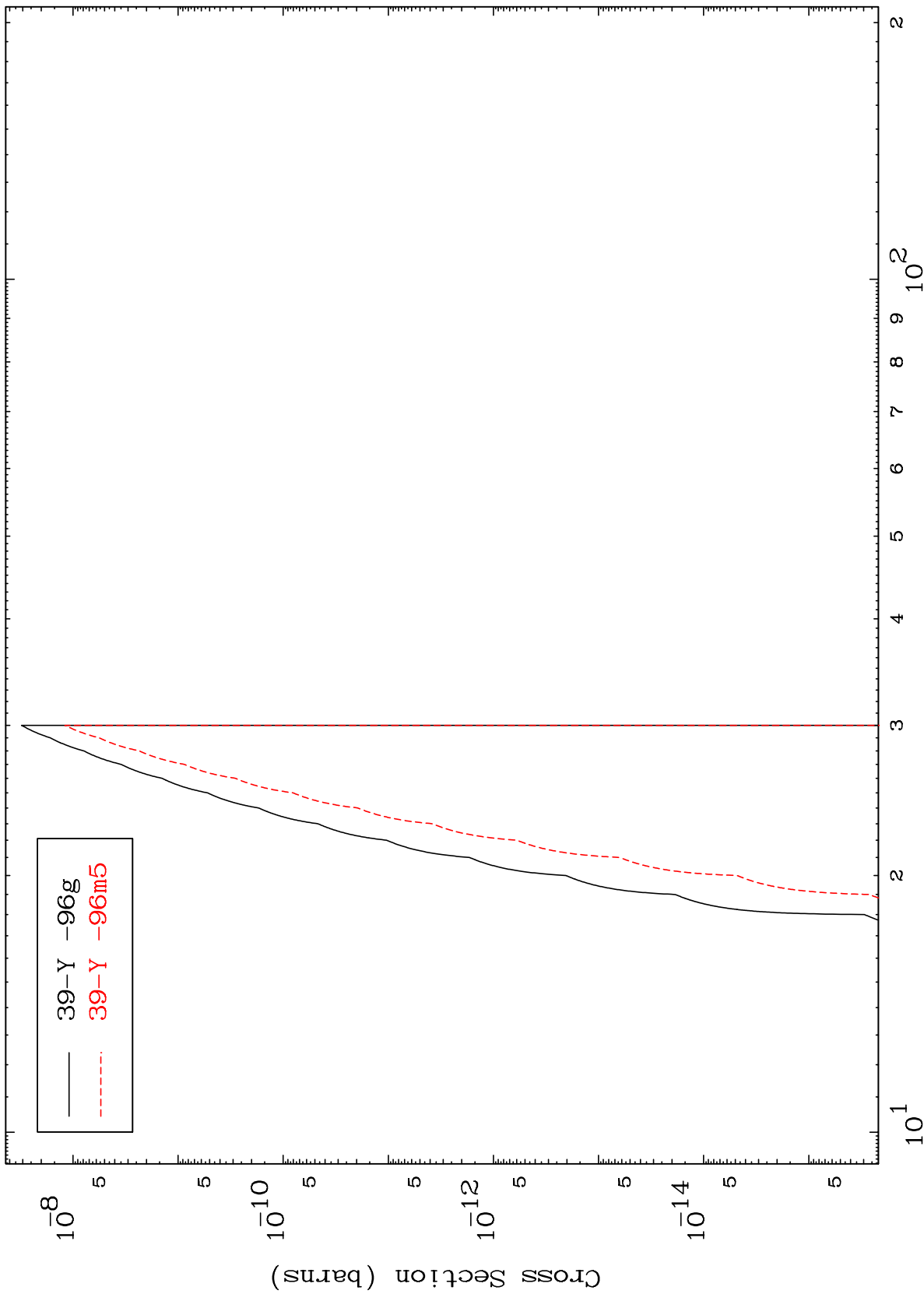
141

MAT 4249

(n,p) α

42-Mo-100

Radionuclide Production Cross Section



39-Y-96g
39-Y-96m5

142

Incident Energy (MeV)

42-Mo-100