

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

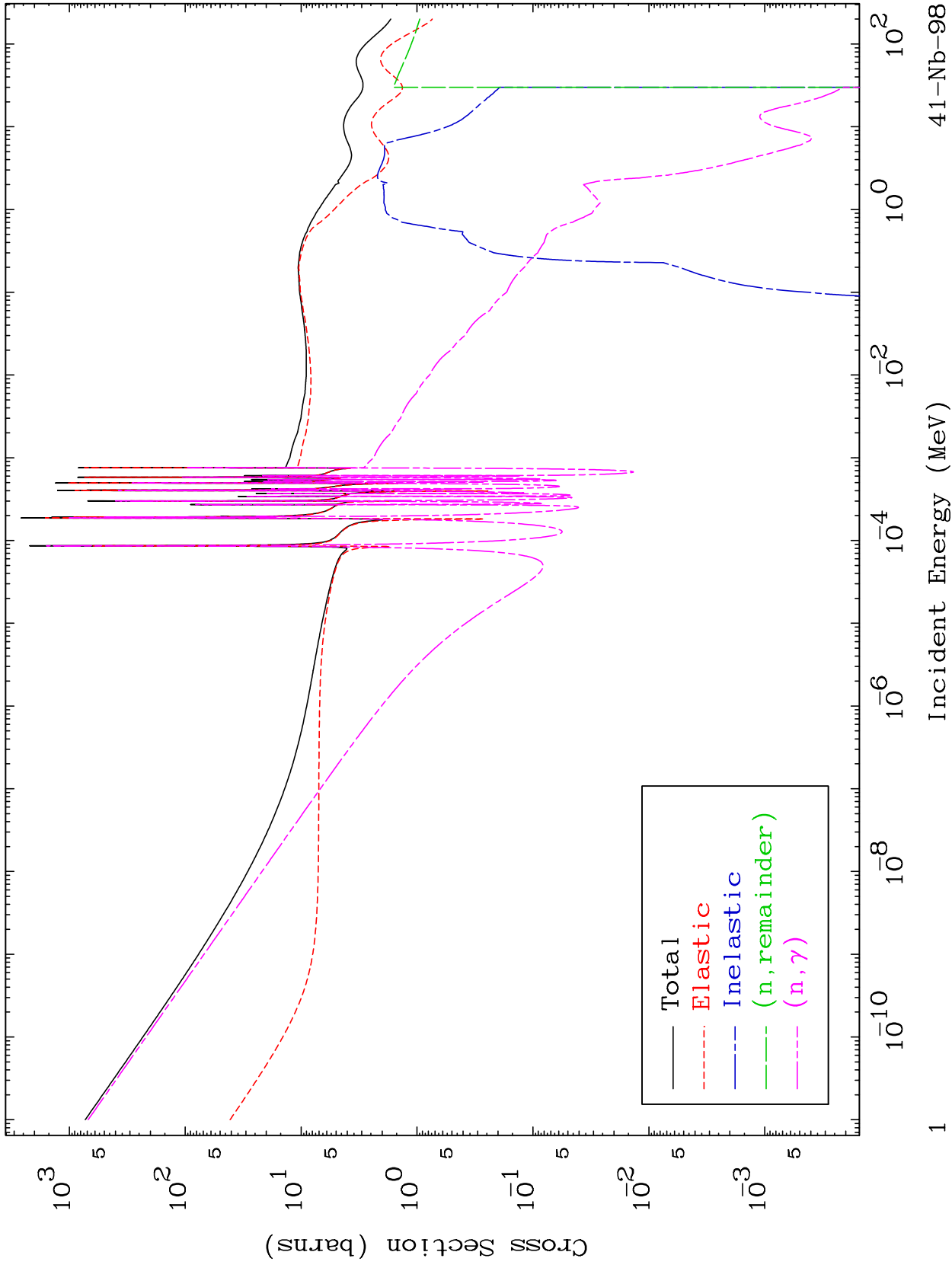
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

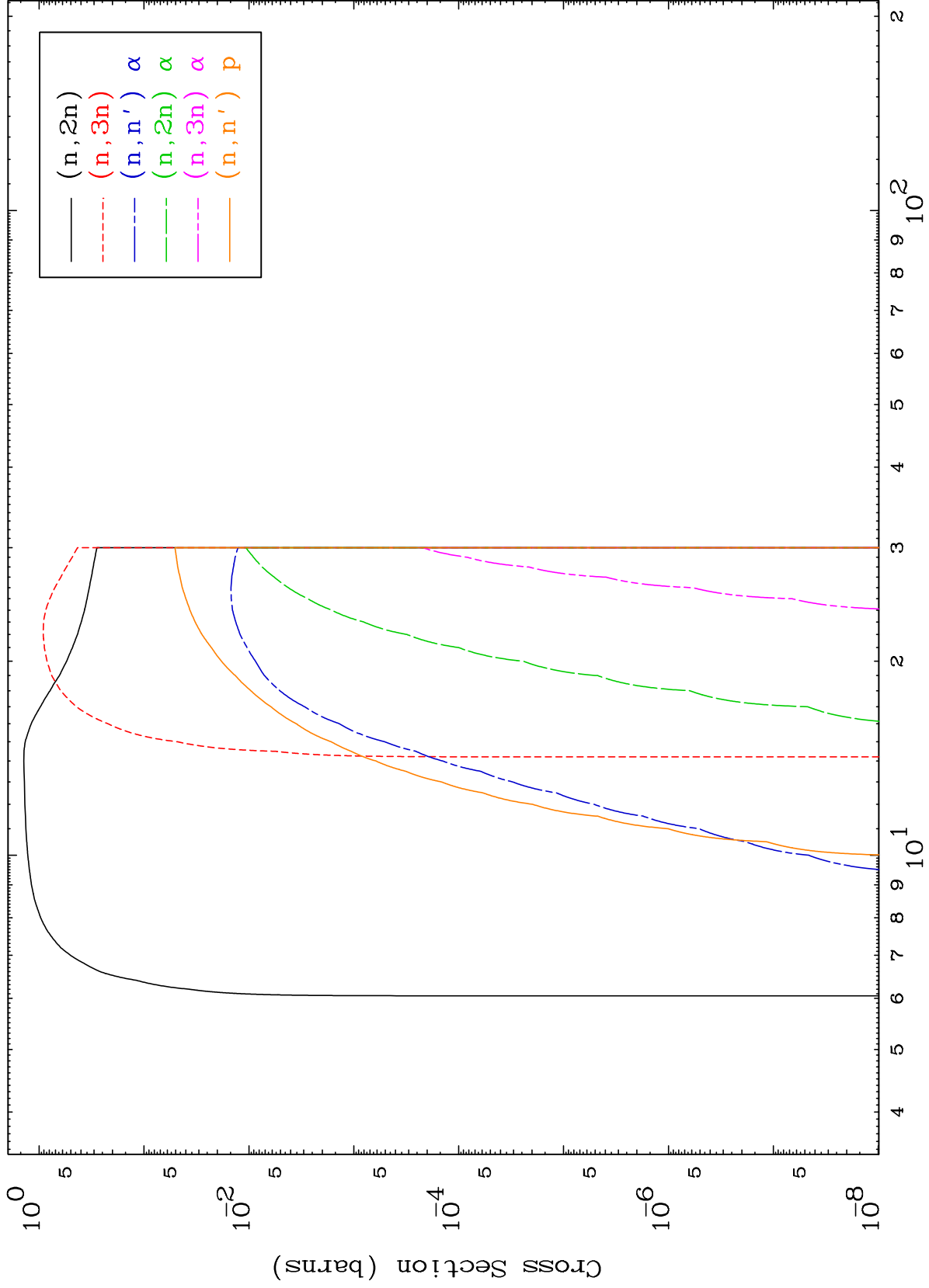
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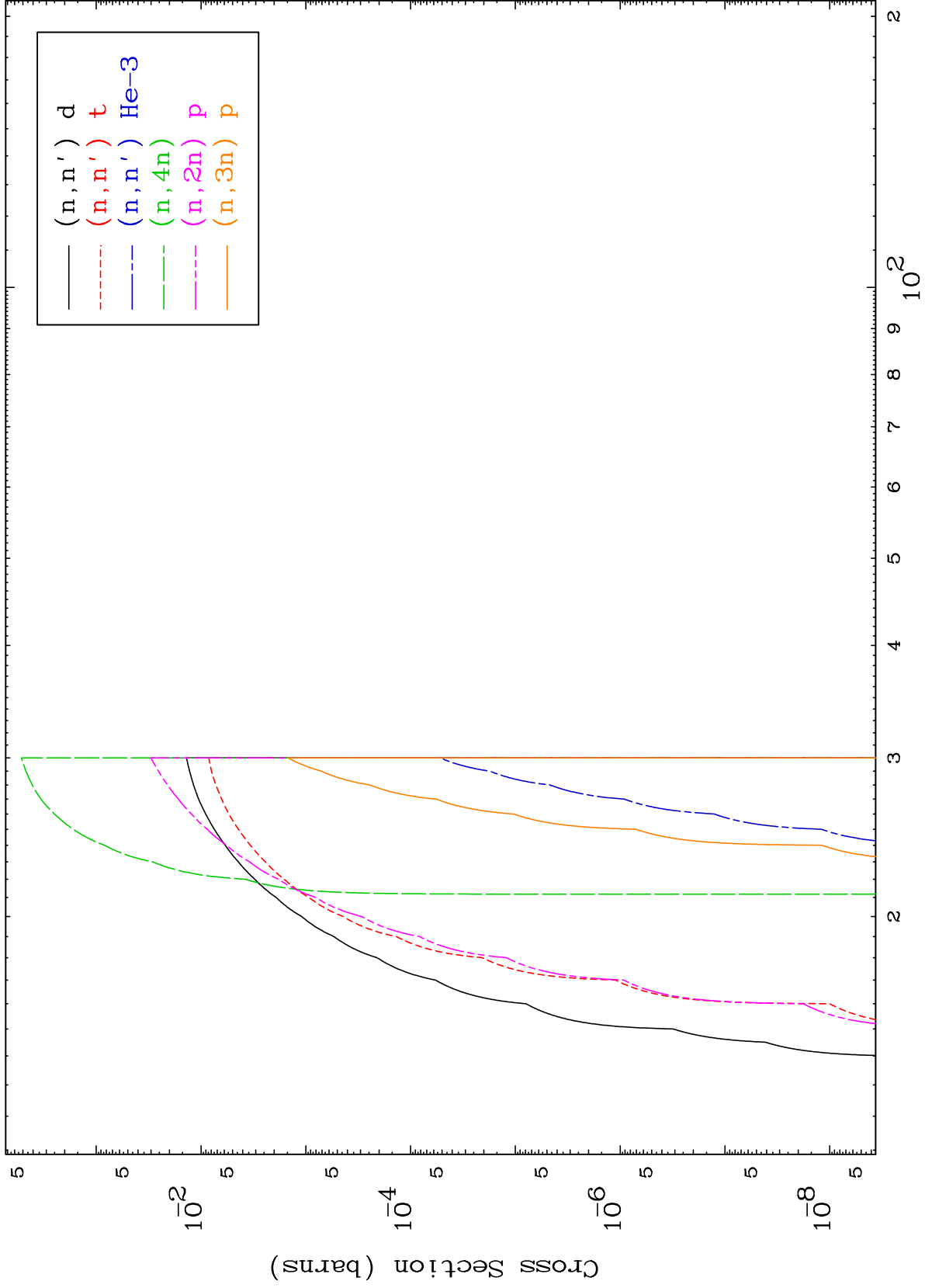
MAT 4140

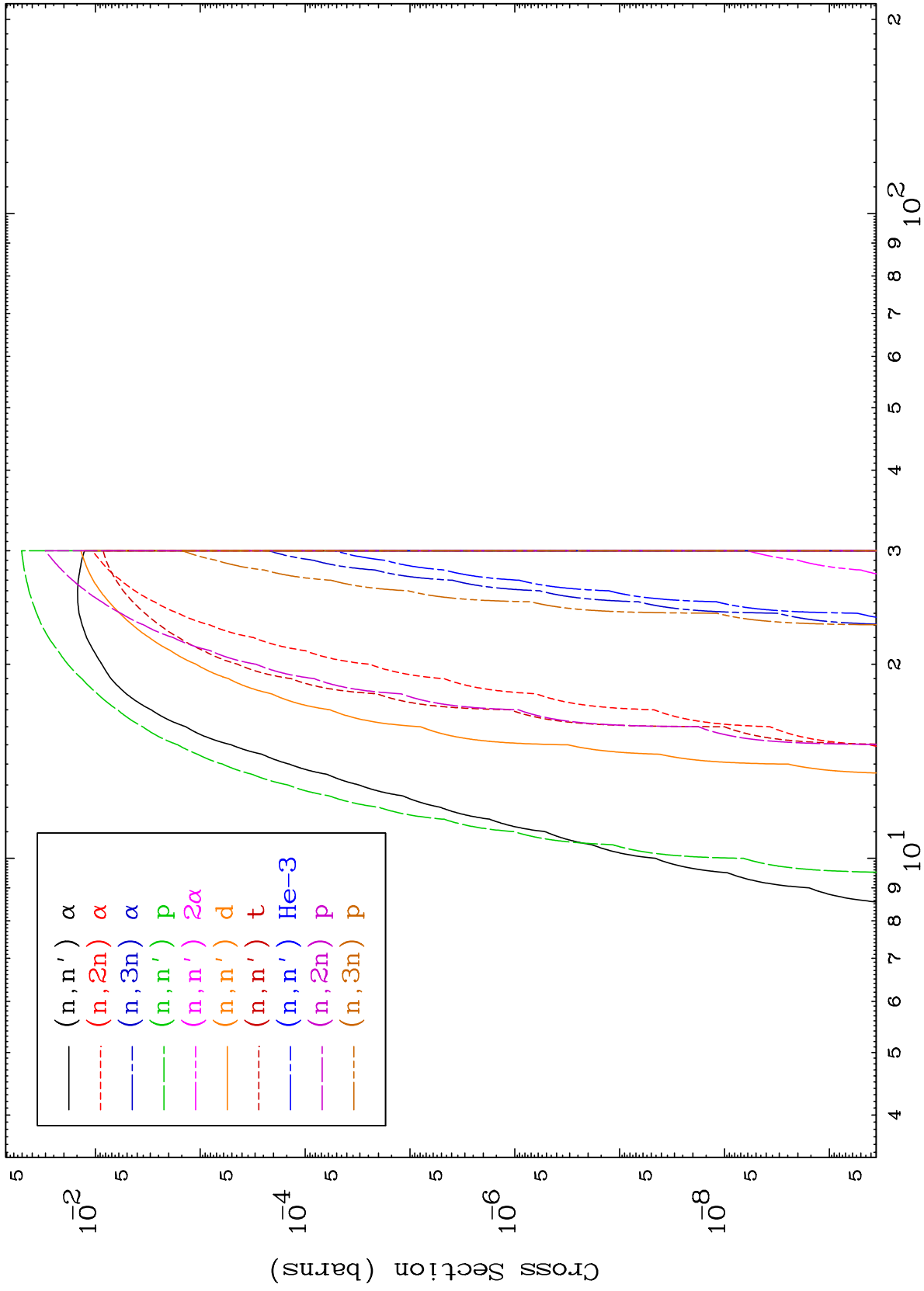
Major  
293 Kelvin Cross Sections

41-Nb-98





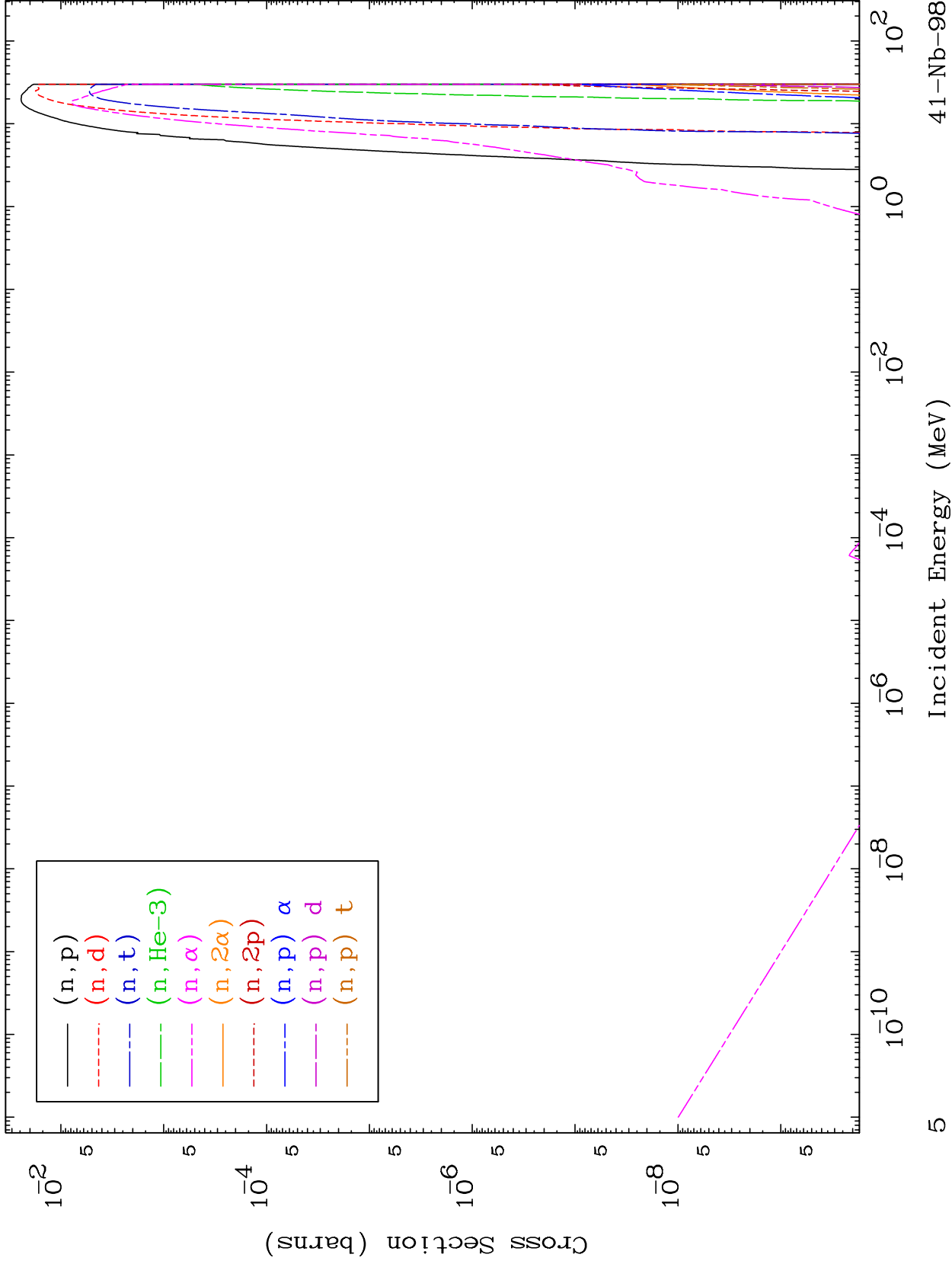




MAT 4140

Charged Particle  
293 Kelvin Cross Sections

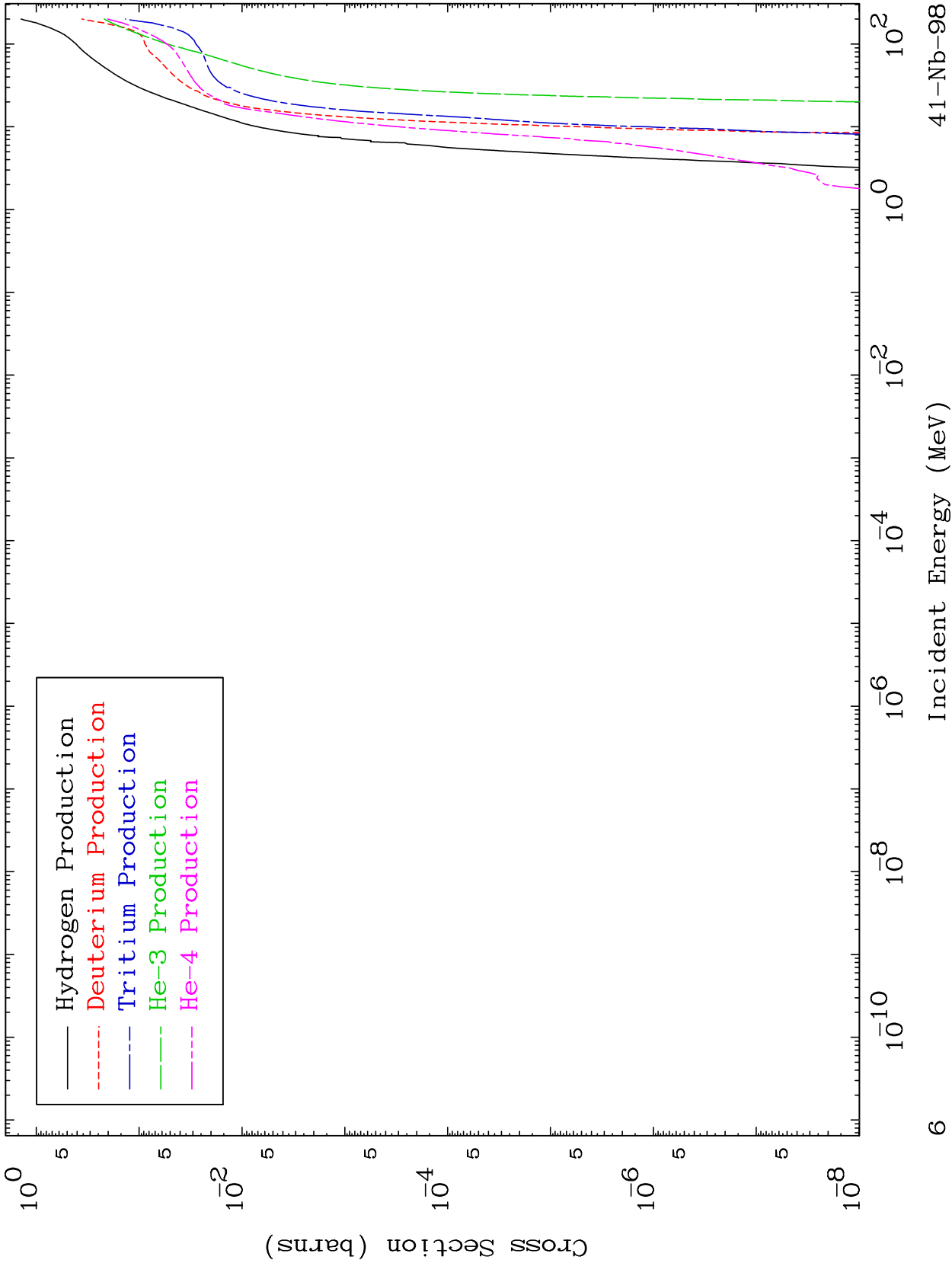
41-Nb-98



MAT 4140

Particle Production  
293 Kelvin Cross Sections

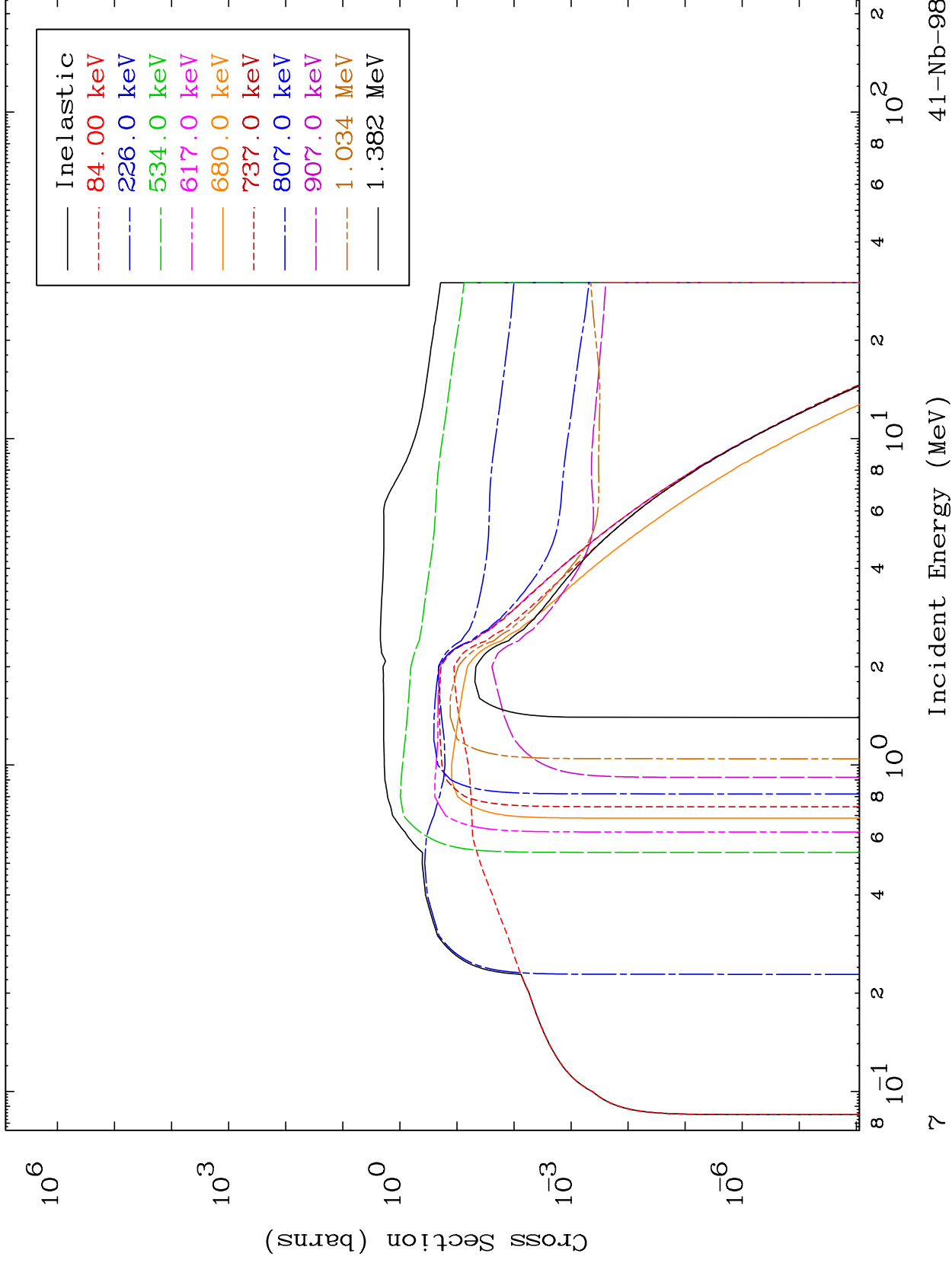
41-Nb-98



MAT 4140

(n,n') Level  
293 Kelvin Cross Sections

41-Nb-98



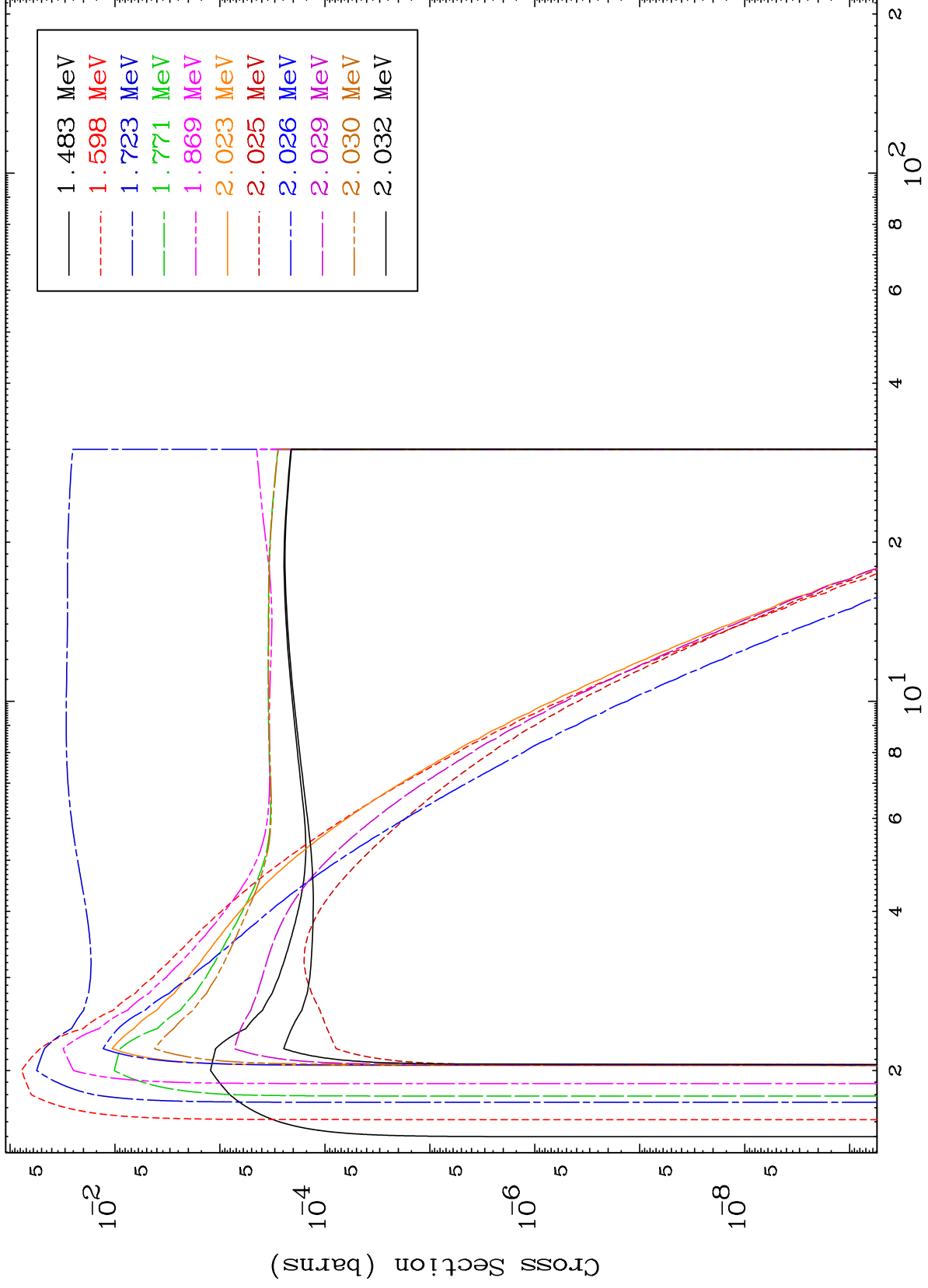
7



MAT 4140

(n,n') Level  
293 Kelvin Cross Sections

41-Nb-98



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Incident Energy (MeV)

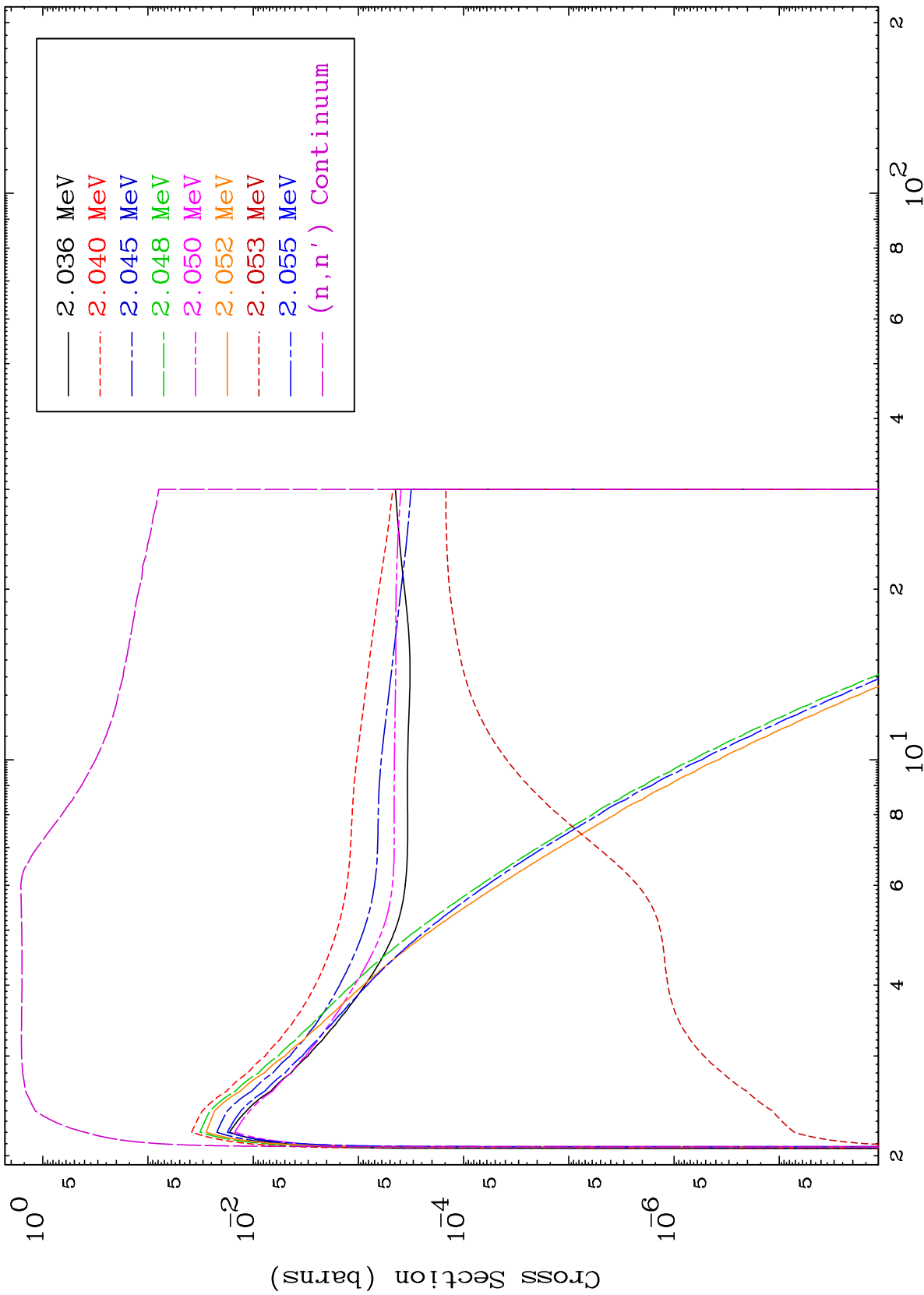
41-Nb-98

MAT 4140

(n,n') Level

41-Nb-98

293 Kelvin Cross Sections



9

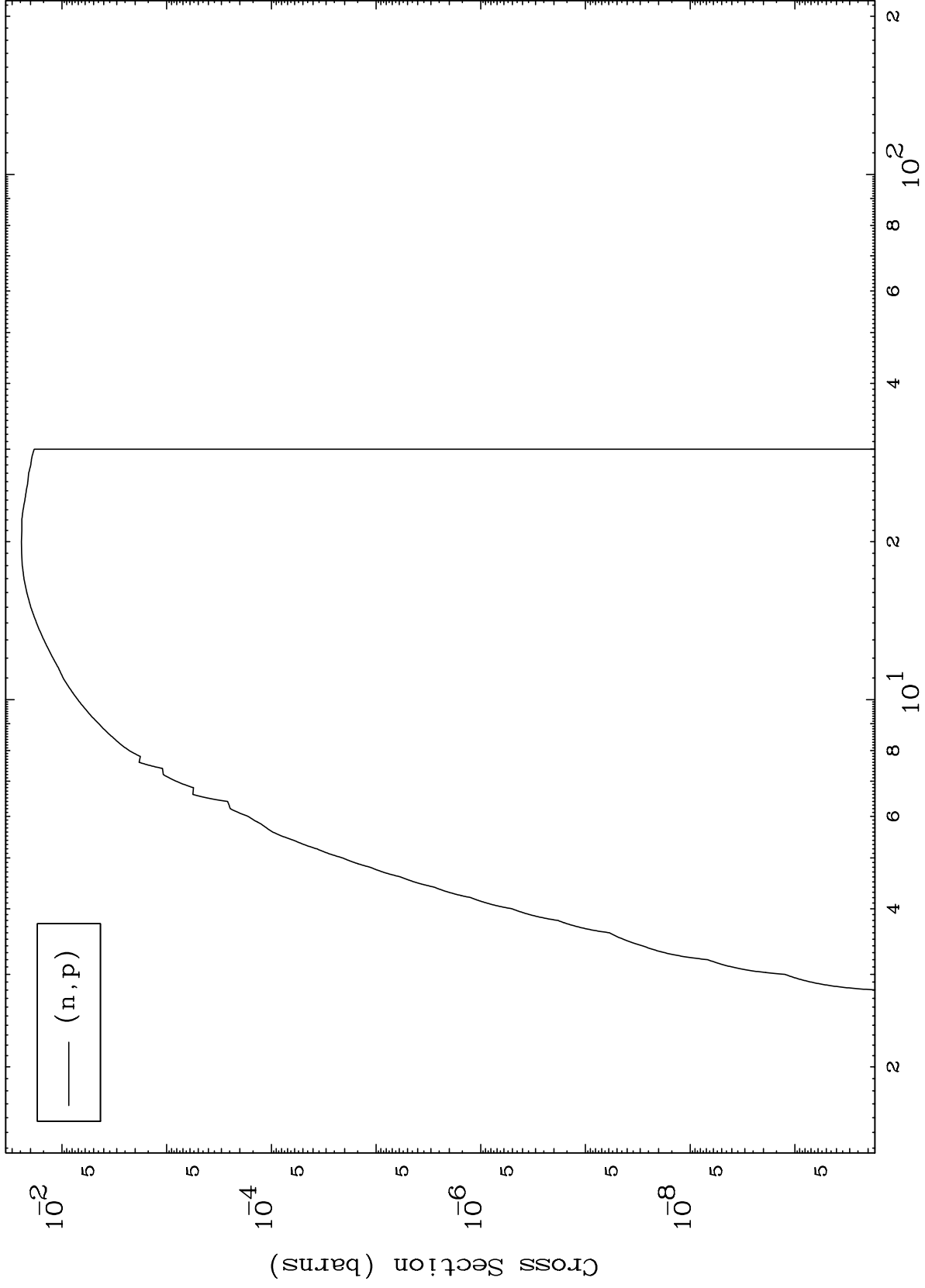
Incident Energy (MeV)

41-Nb-98

MAT 4140

(n,p) Levels  
293 Kelvin Cross Sections

41-Nb-98



10

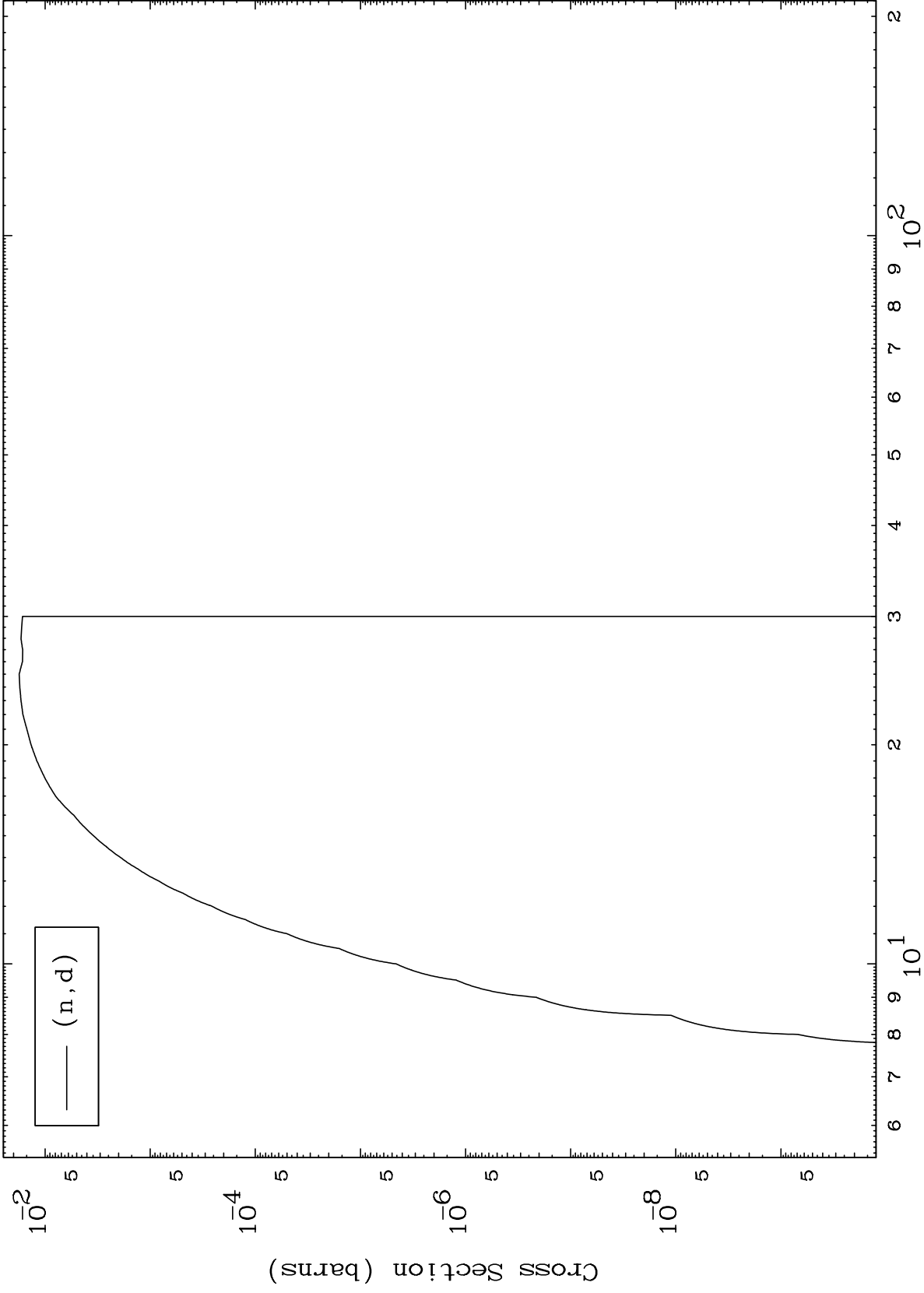
Incident Energy (MeV)

41-Nb-98

MAT 4140

(n,d) Levels  
293 Kelvin Cross Sections

41-Nb-98



11

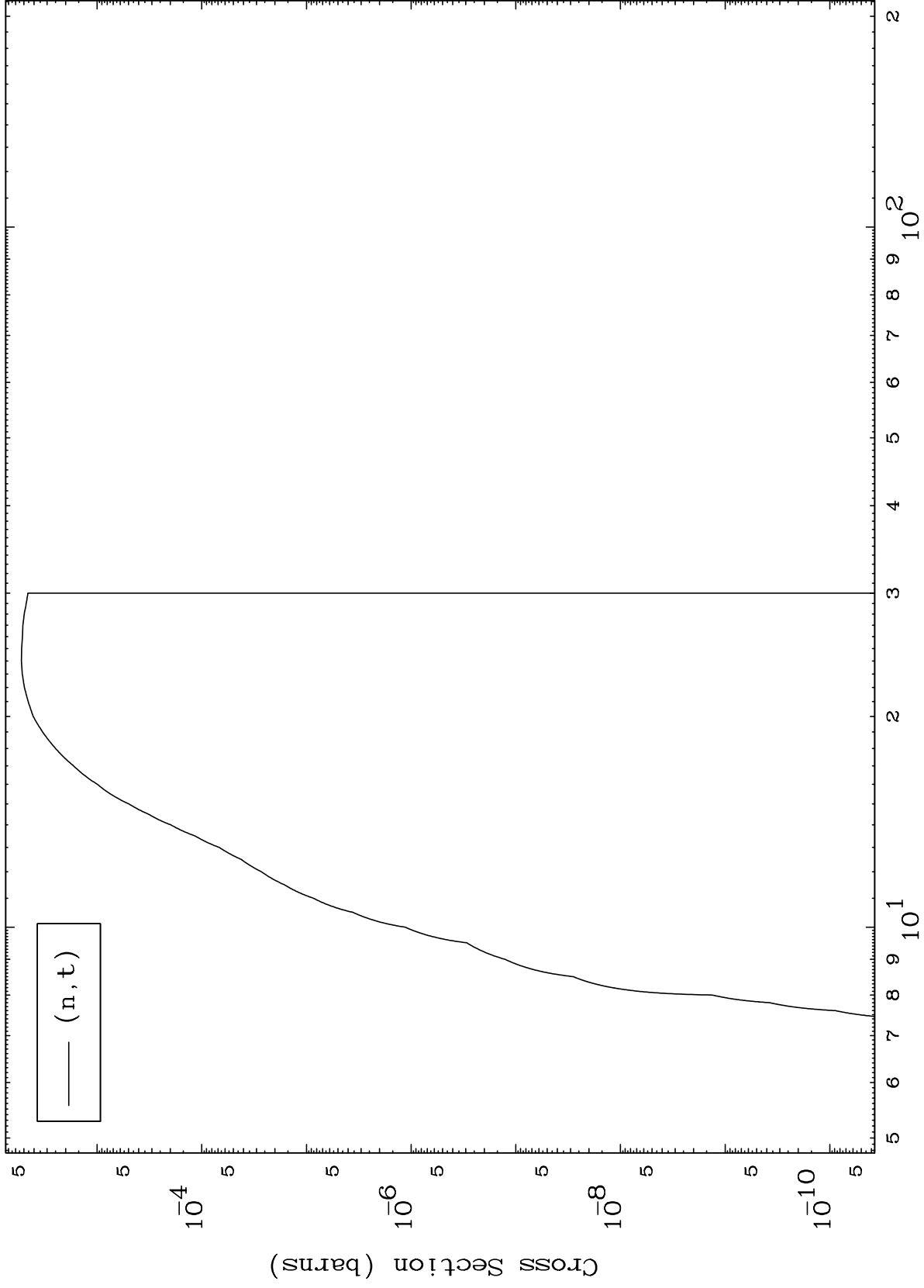
Incident Energy (MeV)

41-Nb-98

MAT 4140

(n,t) Levels  
293 Kelvin Cross Sections

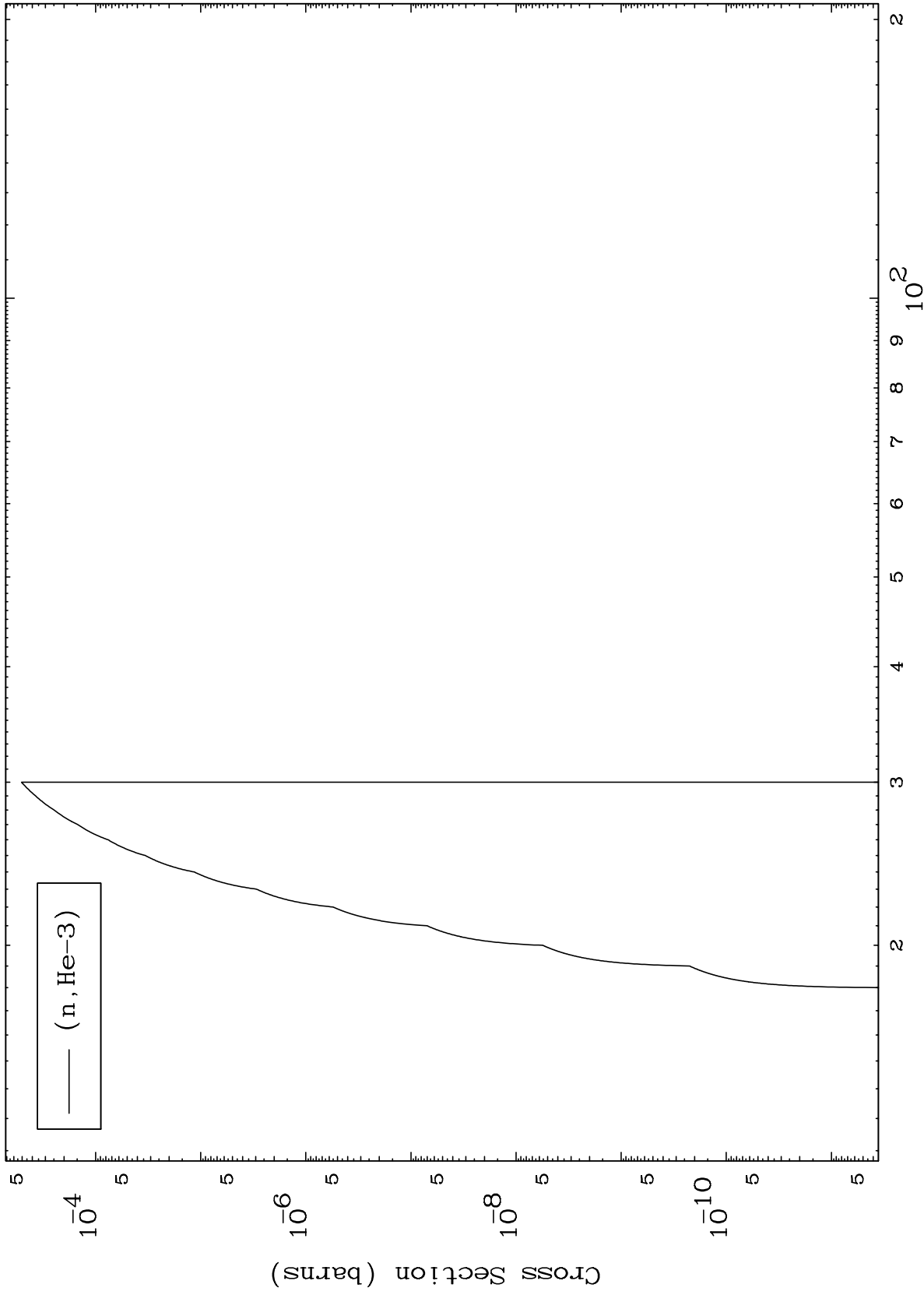
41-Nb-98

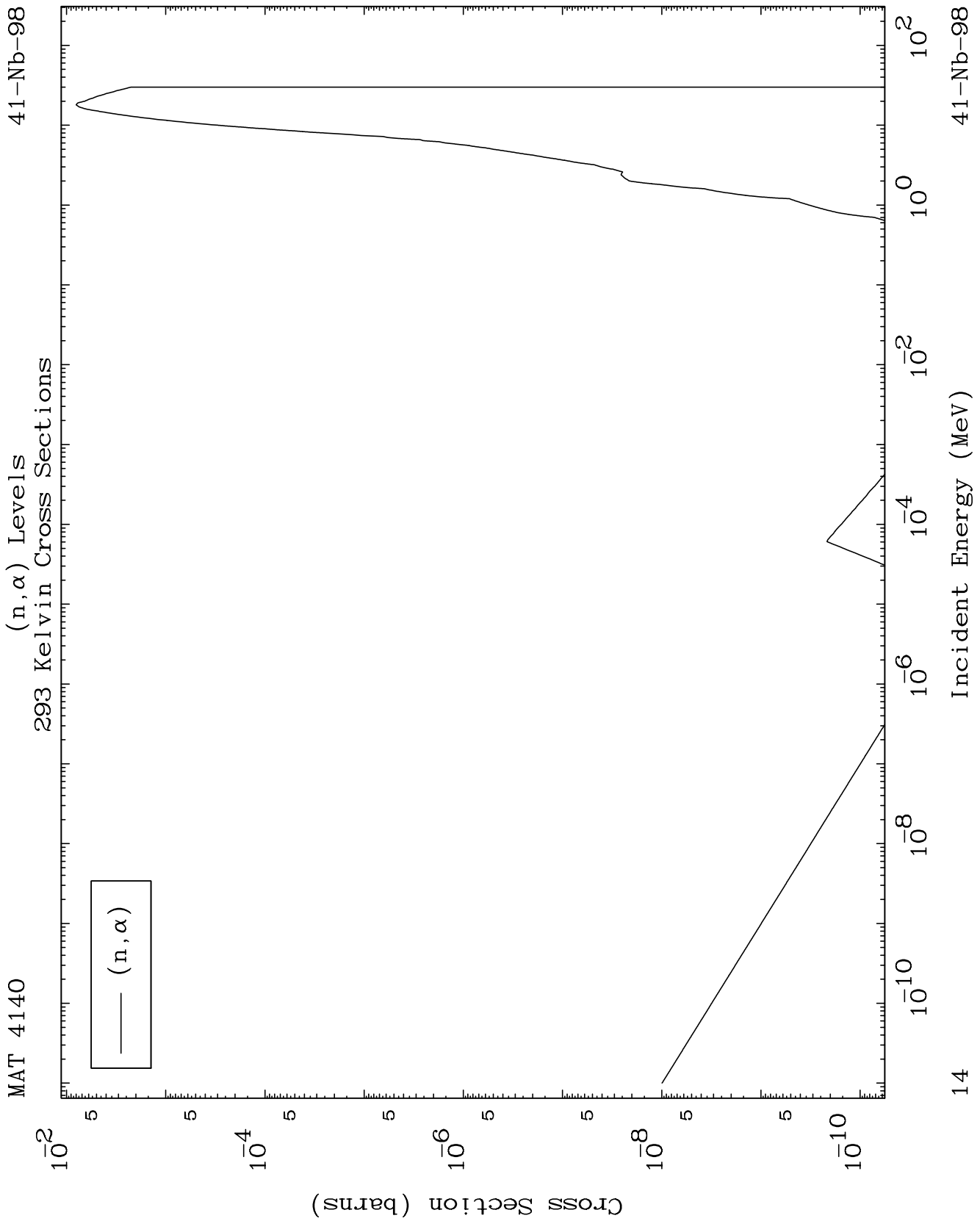


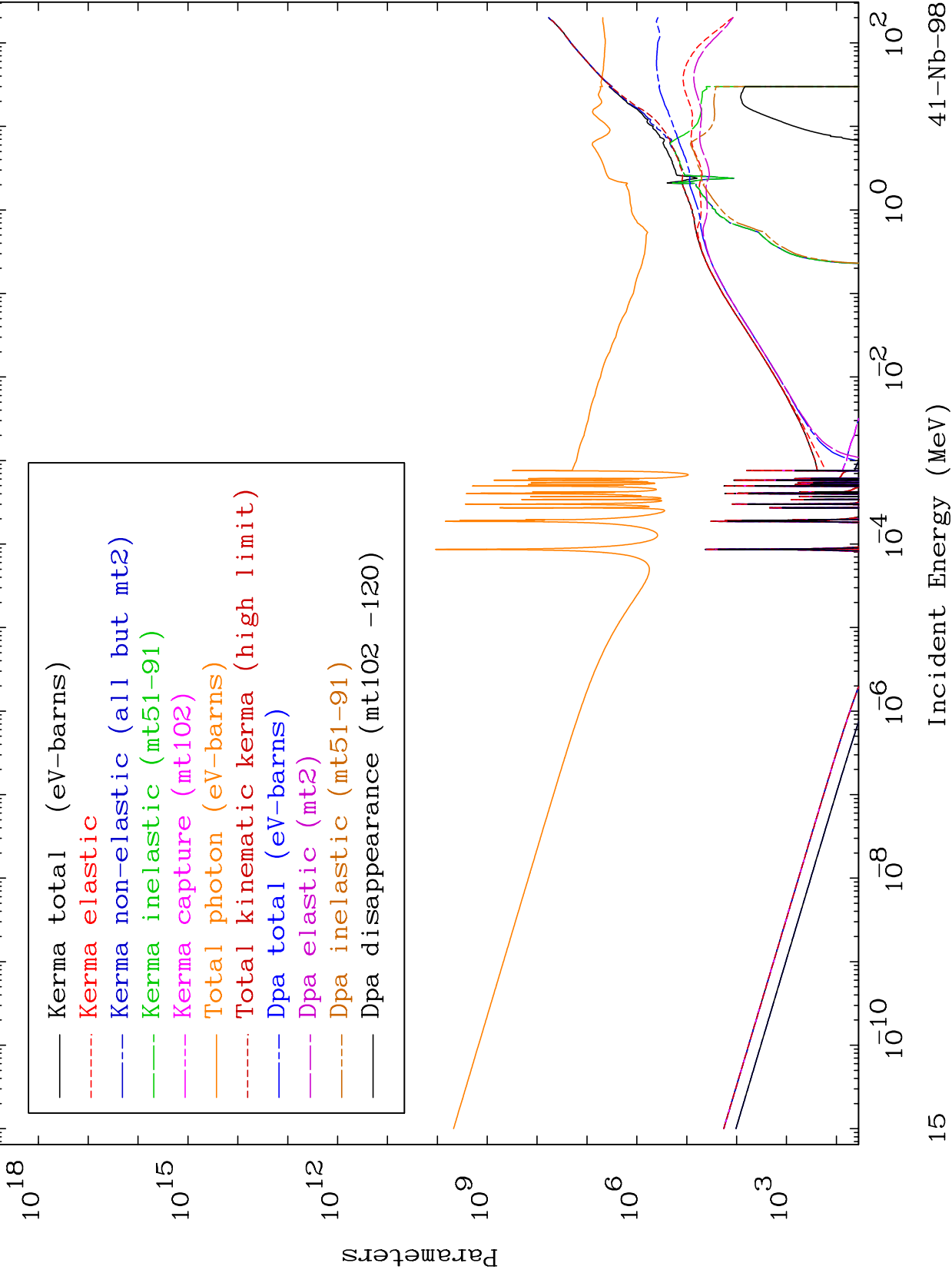
12

Incident Energy (MeV)

41-Nb-98





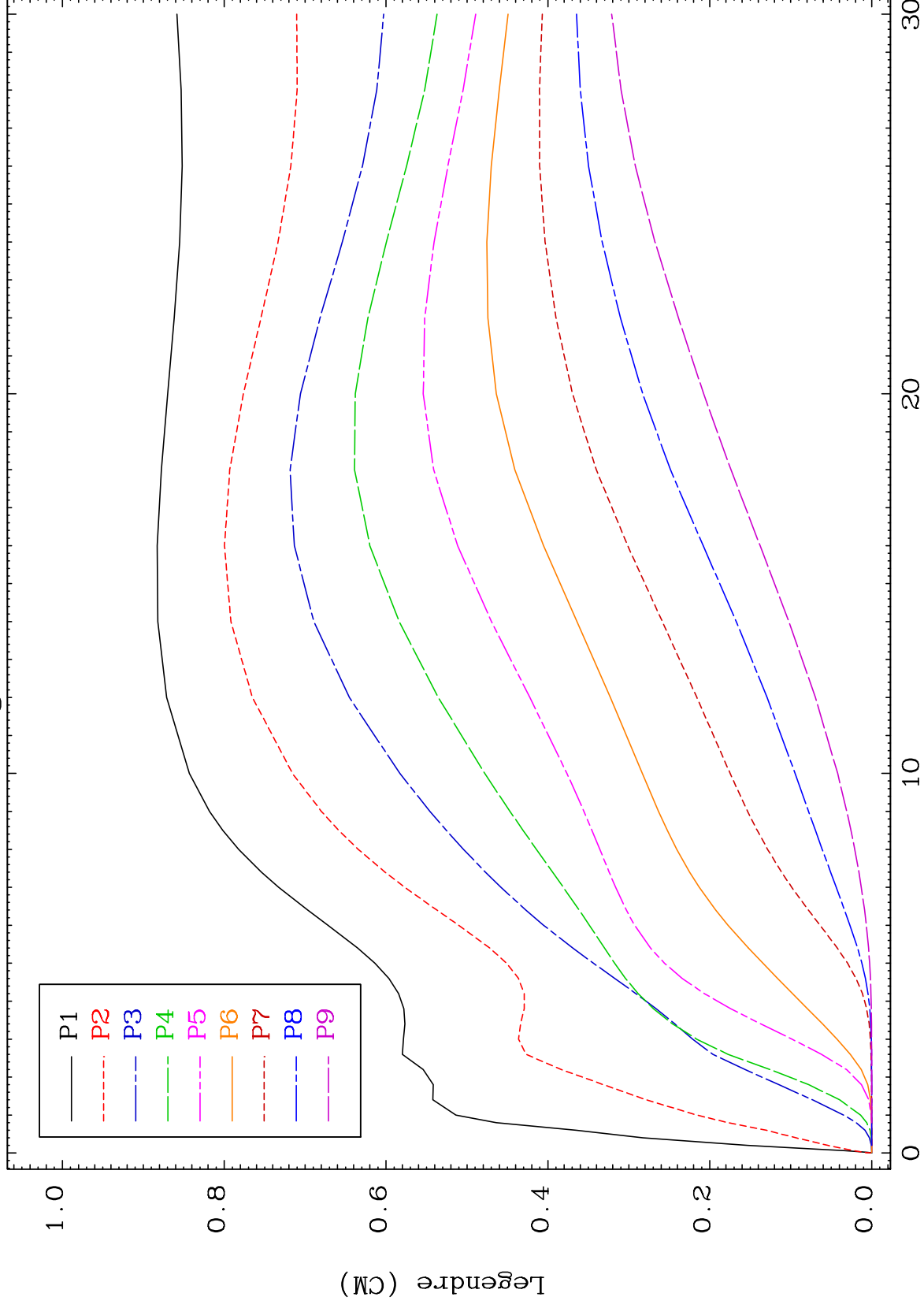




MAT 4140

Elastic Legendre Coefficients

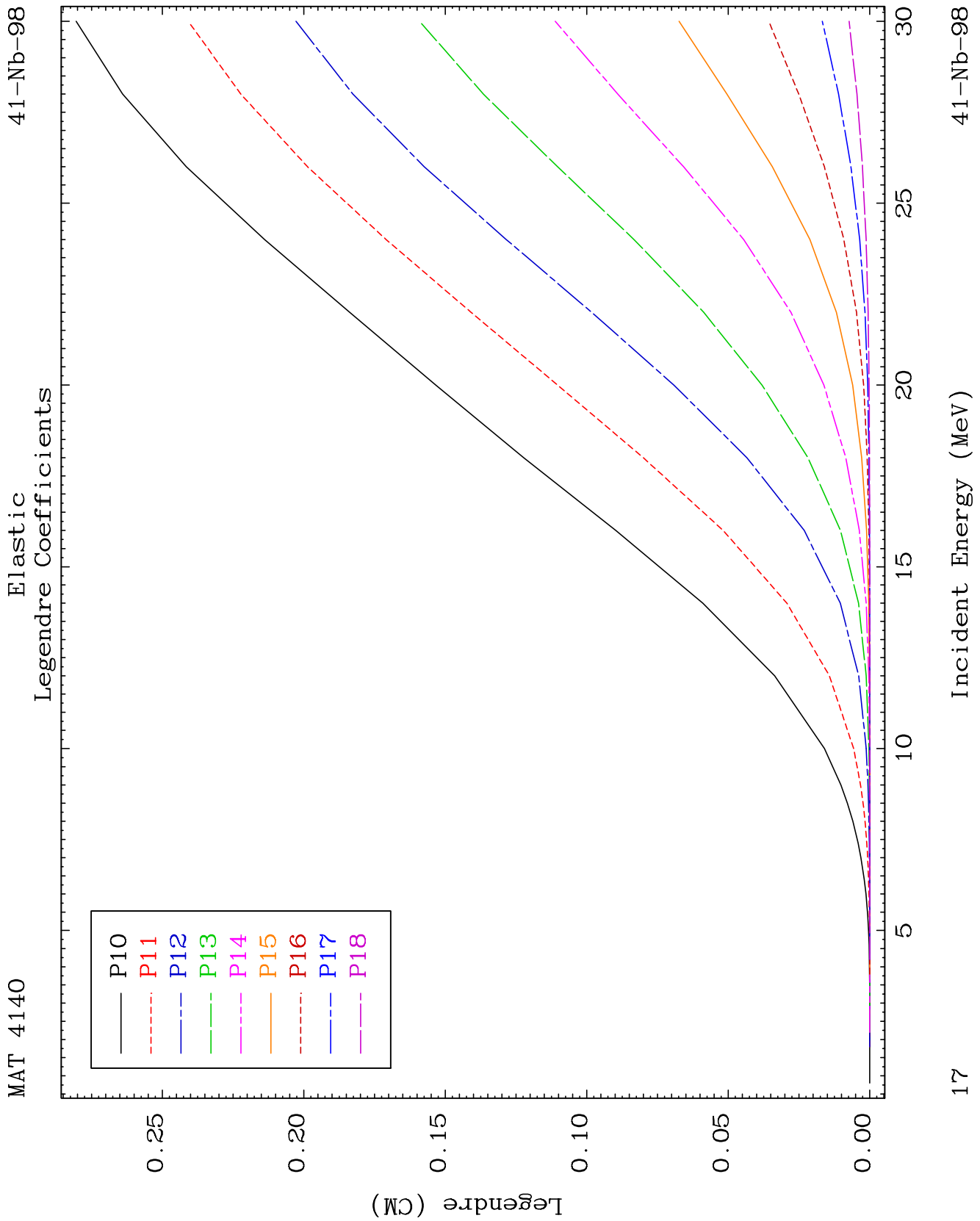
41-Nb-98

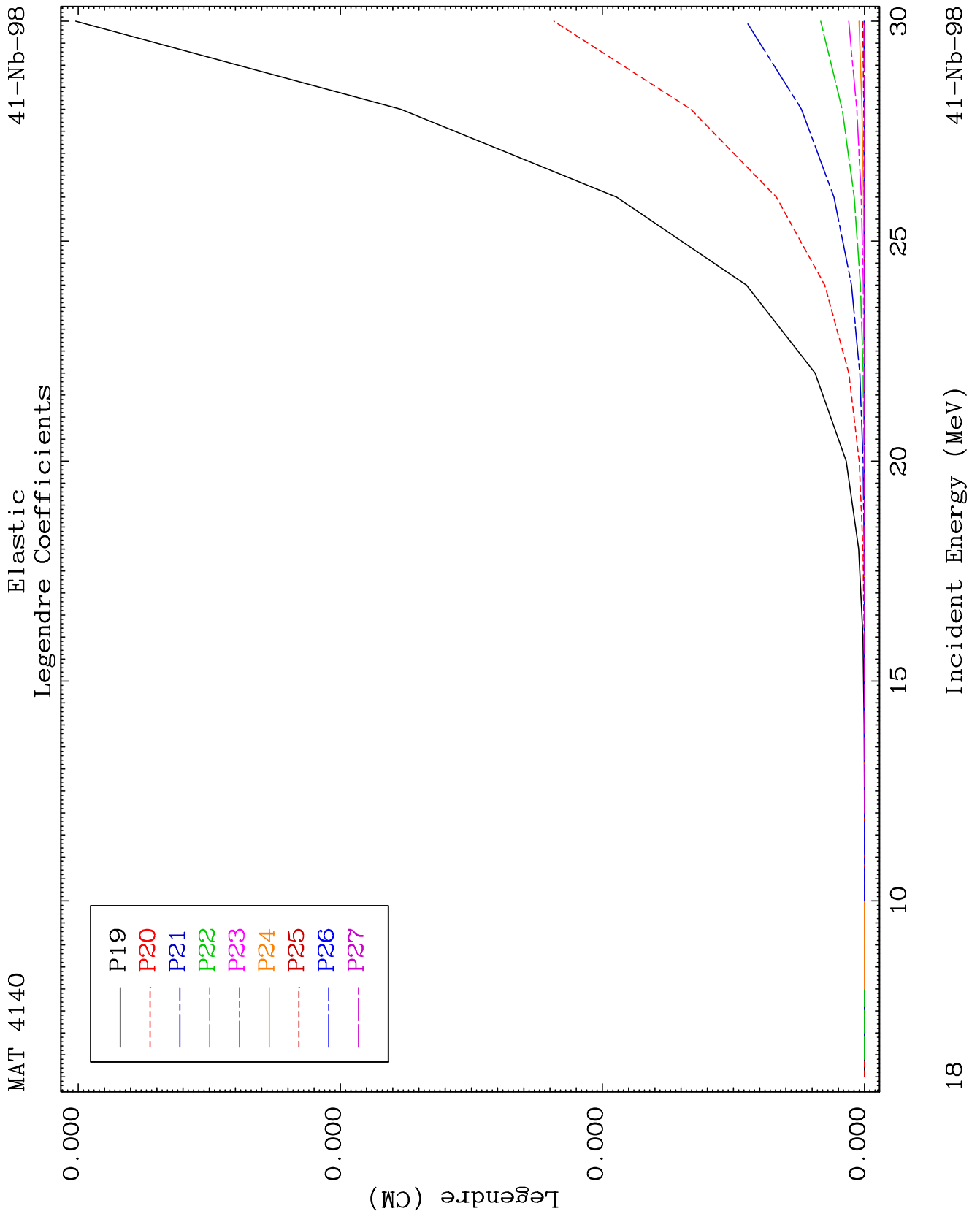


16

Incident Energy (MeV)

41-Nb-98

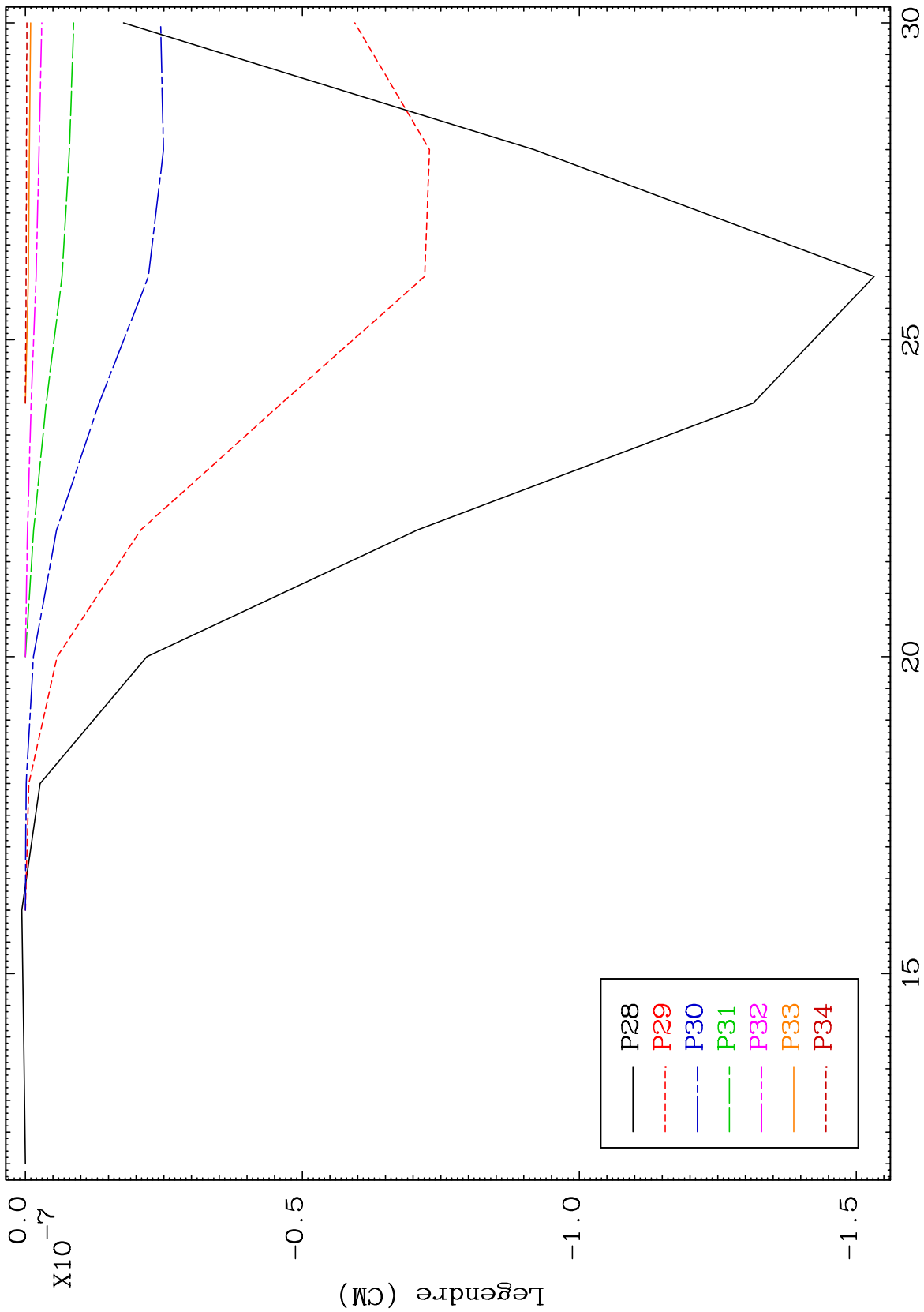




MAT 4140

41-Nb-98

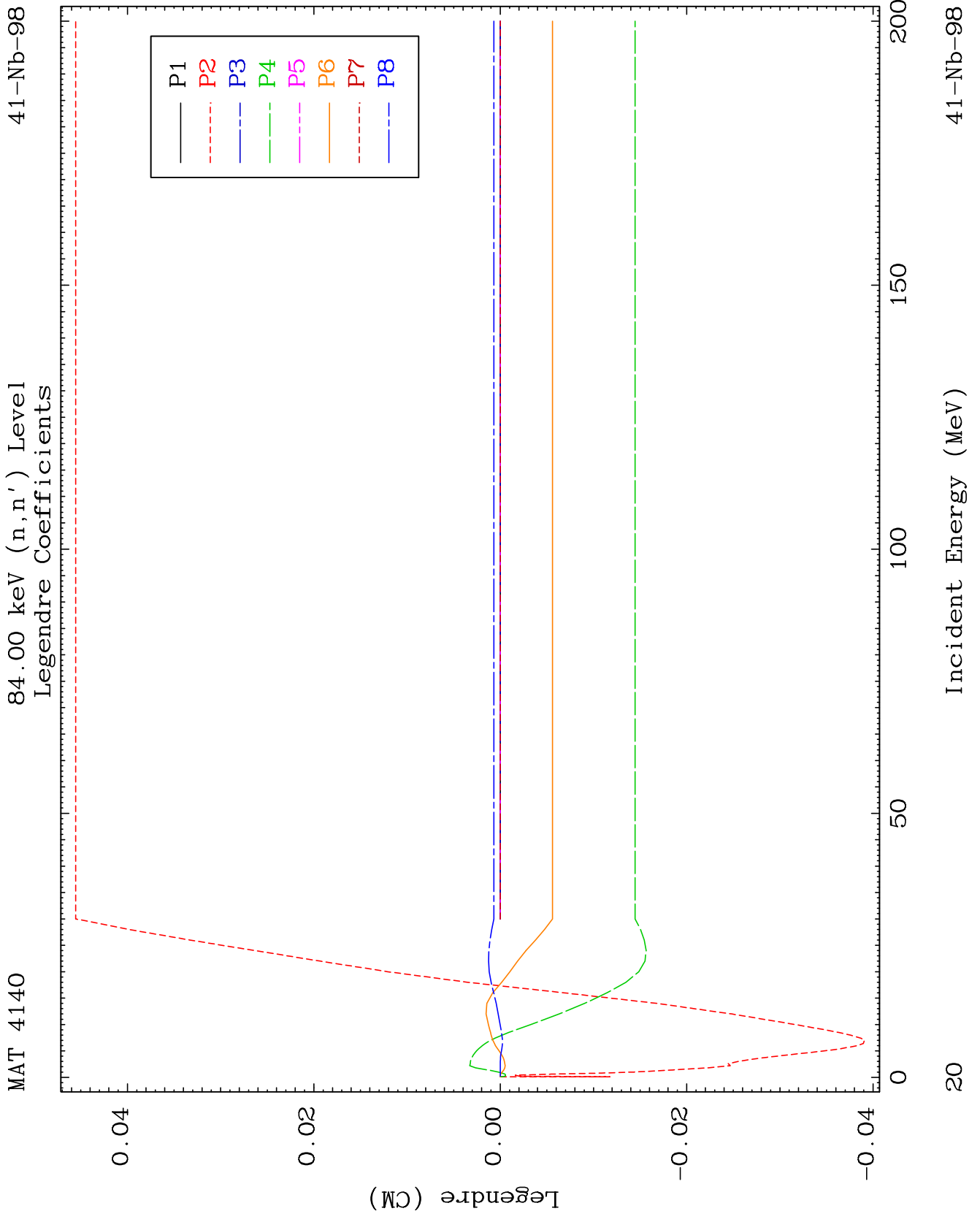
Elastic Legendre Coefficients

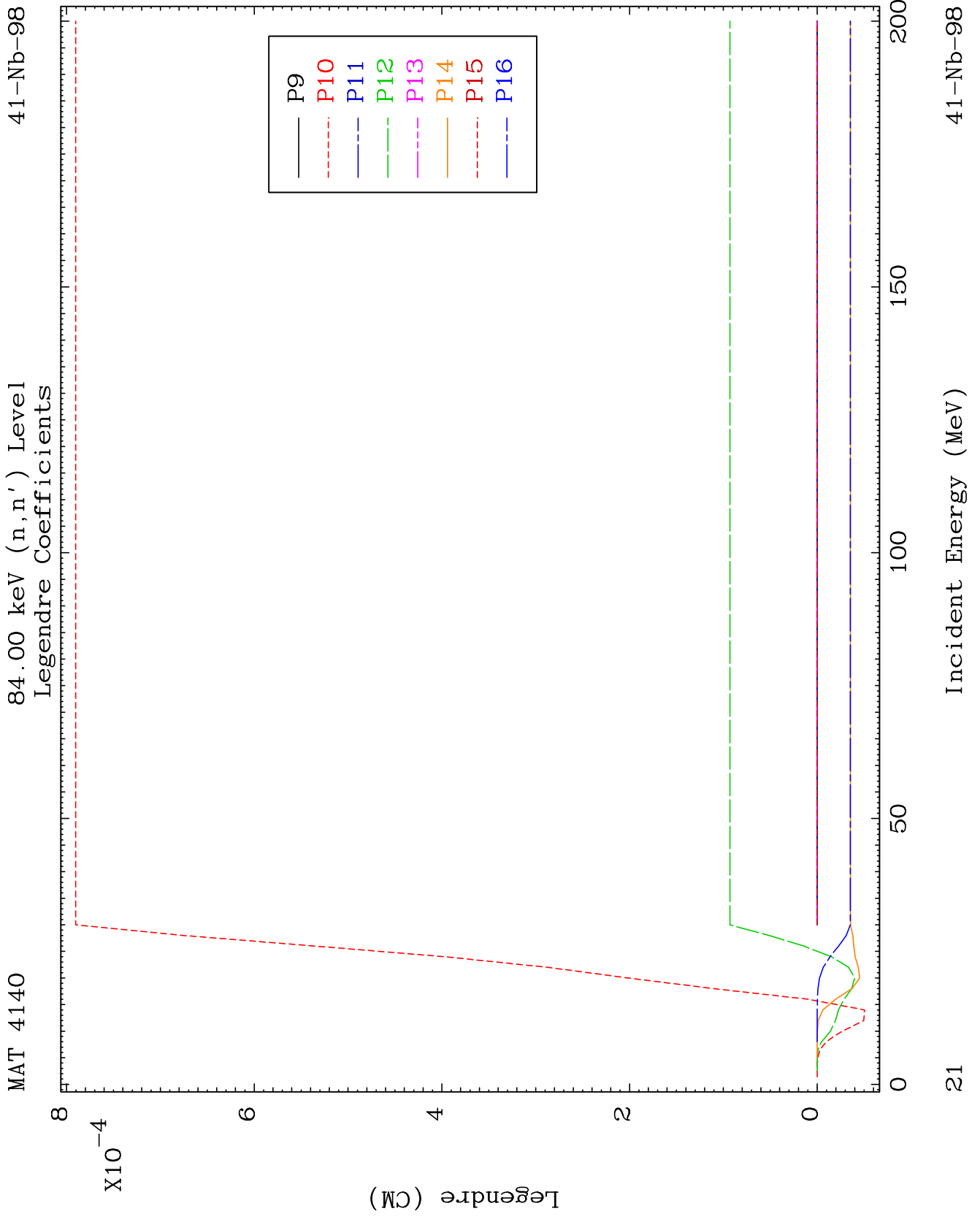


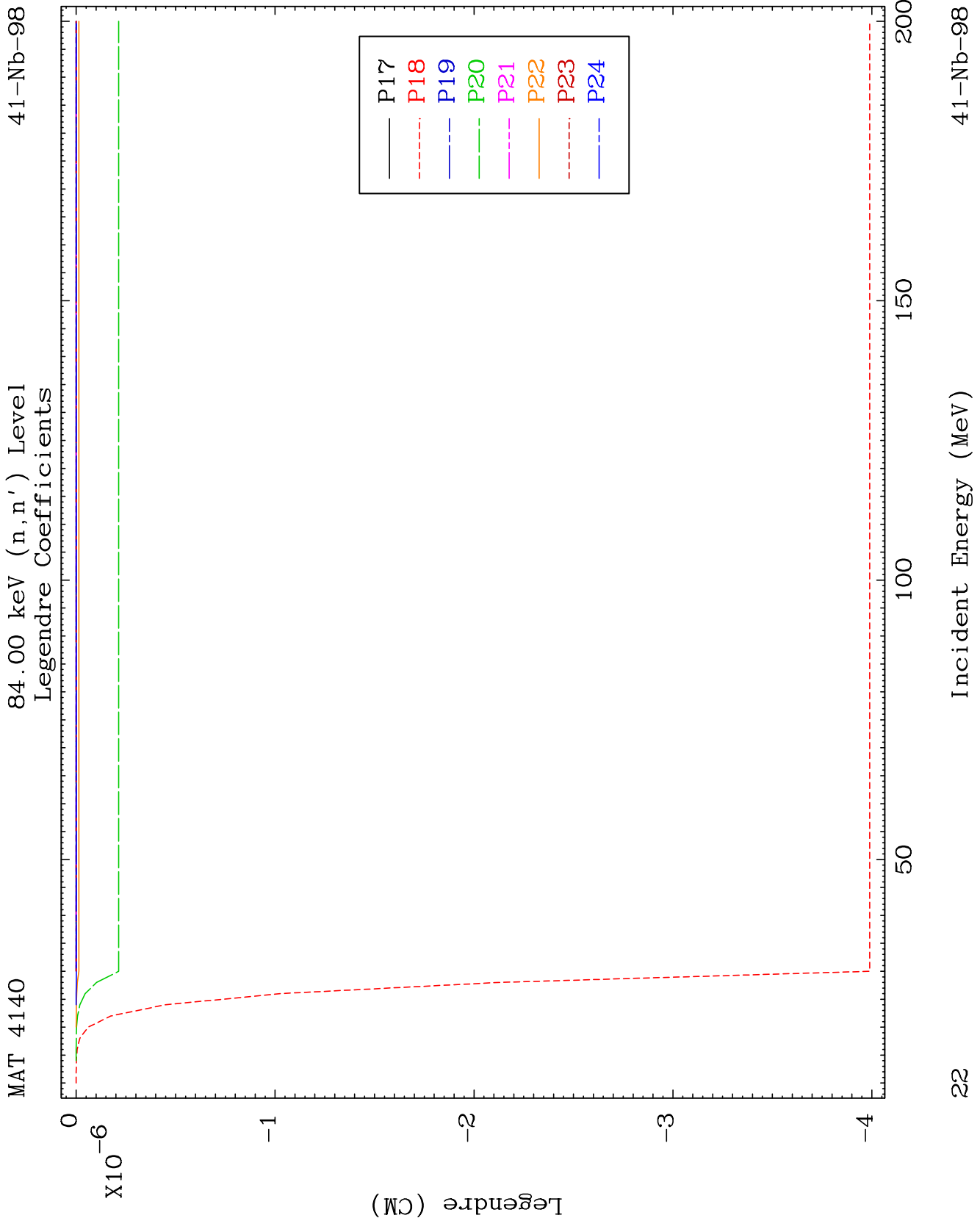
19

Incident Energy (MeV)

41-Nb-98



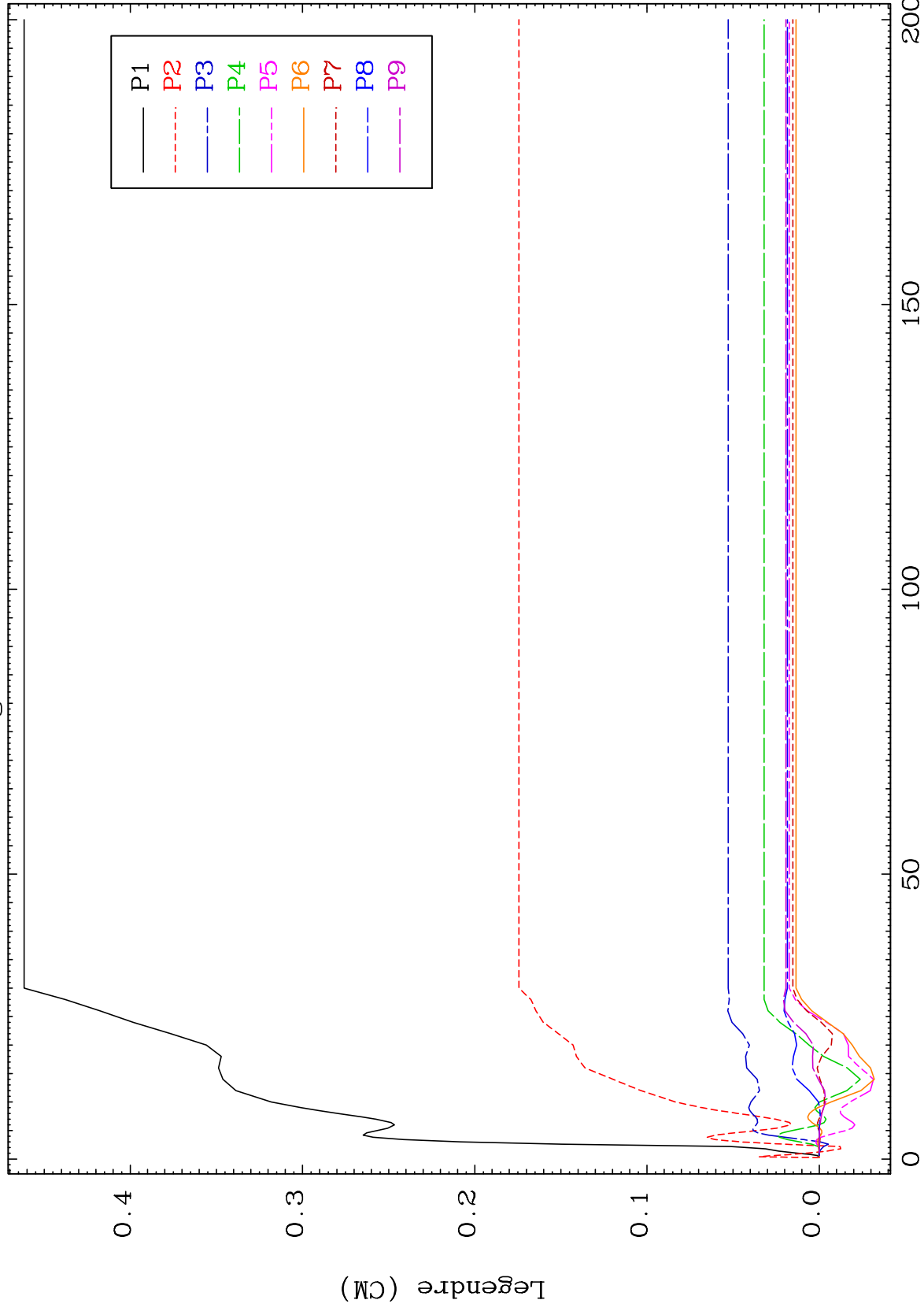




MAT 4140

226.0 keV (n,n') Level  
Legendre Coefficients

41-Nb-98



23

Incident Energy (MeV)

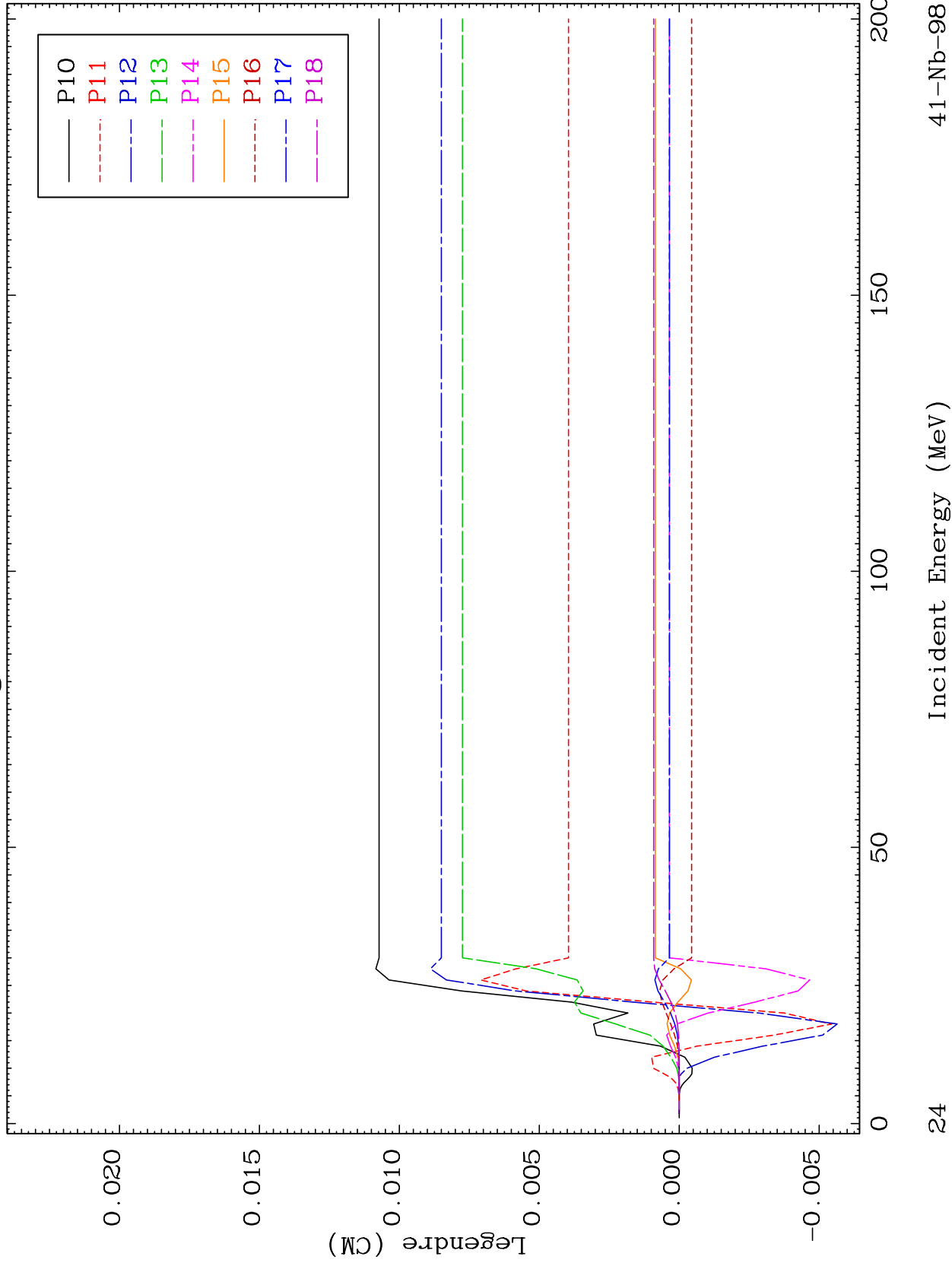
41-Nb-98



MAT 4140

226.0 keV (n,n') Level  
Legendre Coefficients

41-Nb-98



41-Nb-98

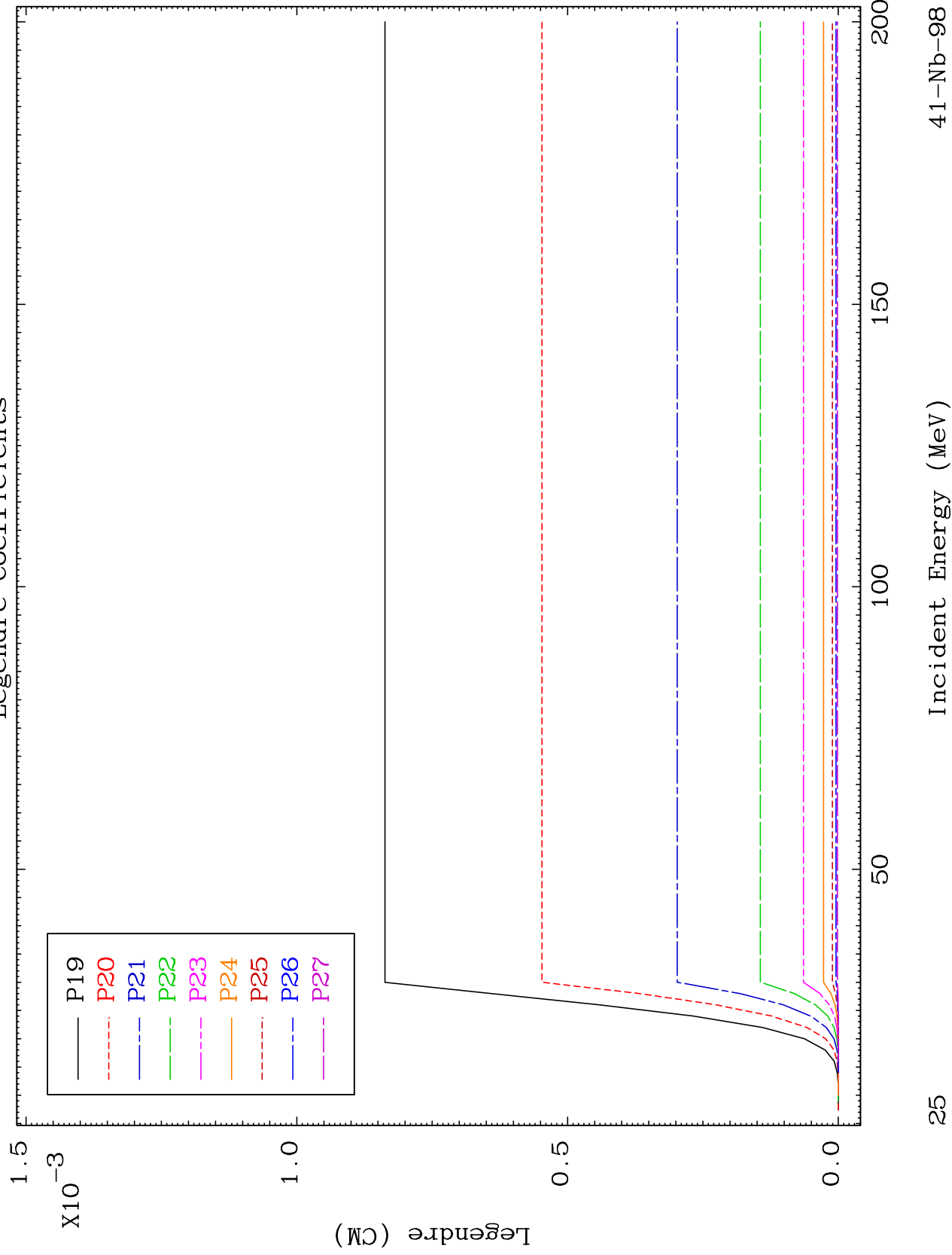
Incident Energy (MeV)

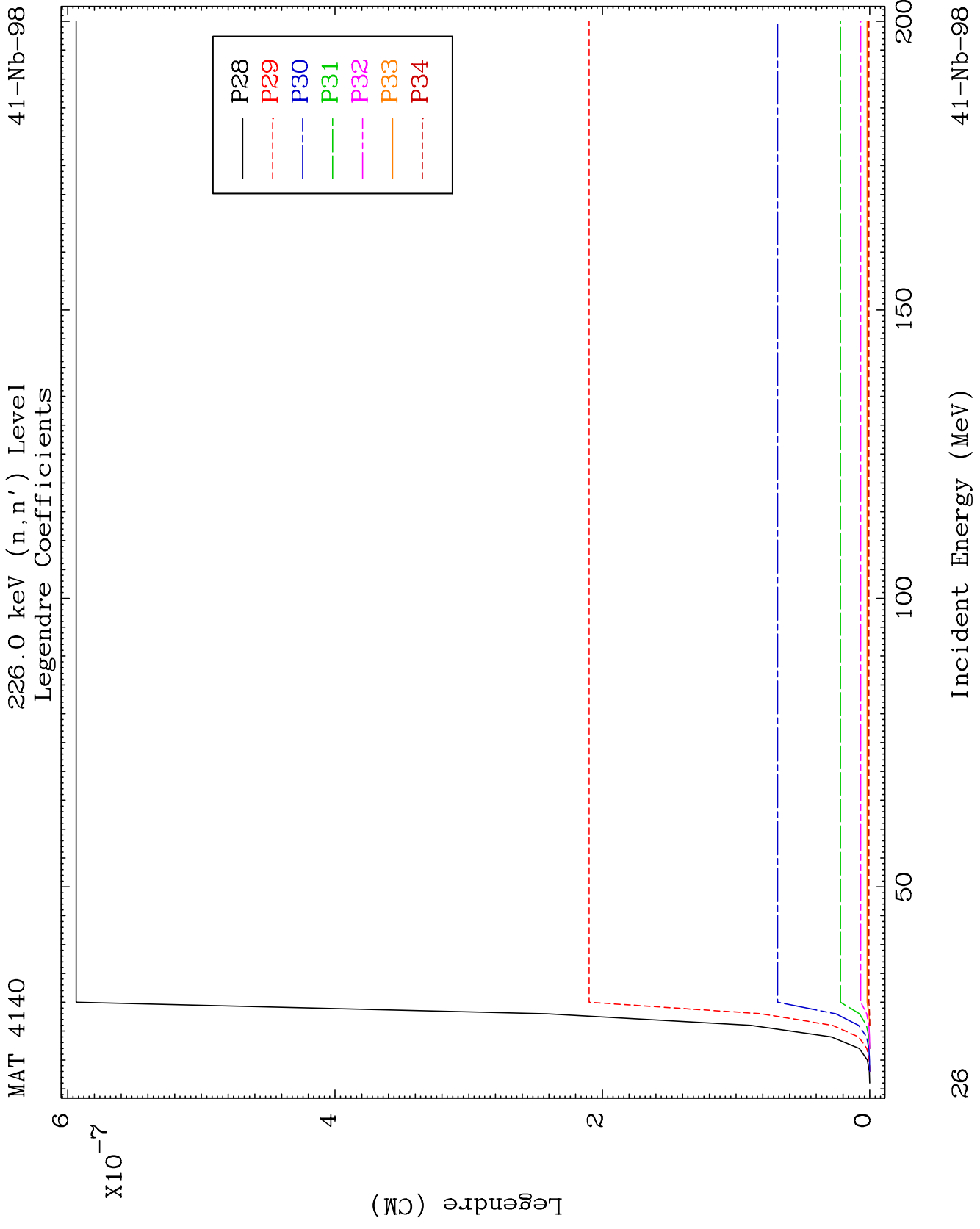
24

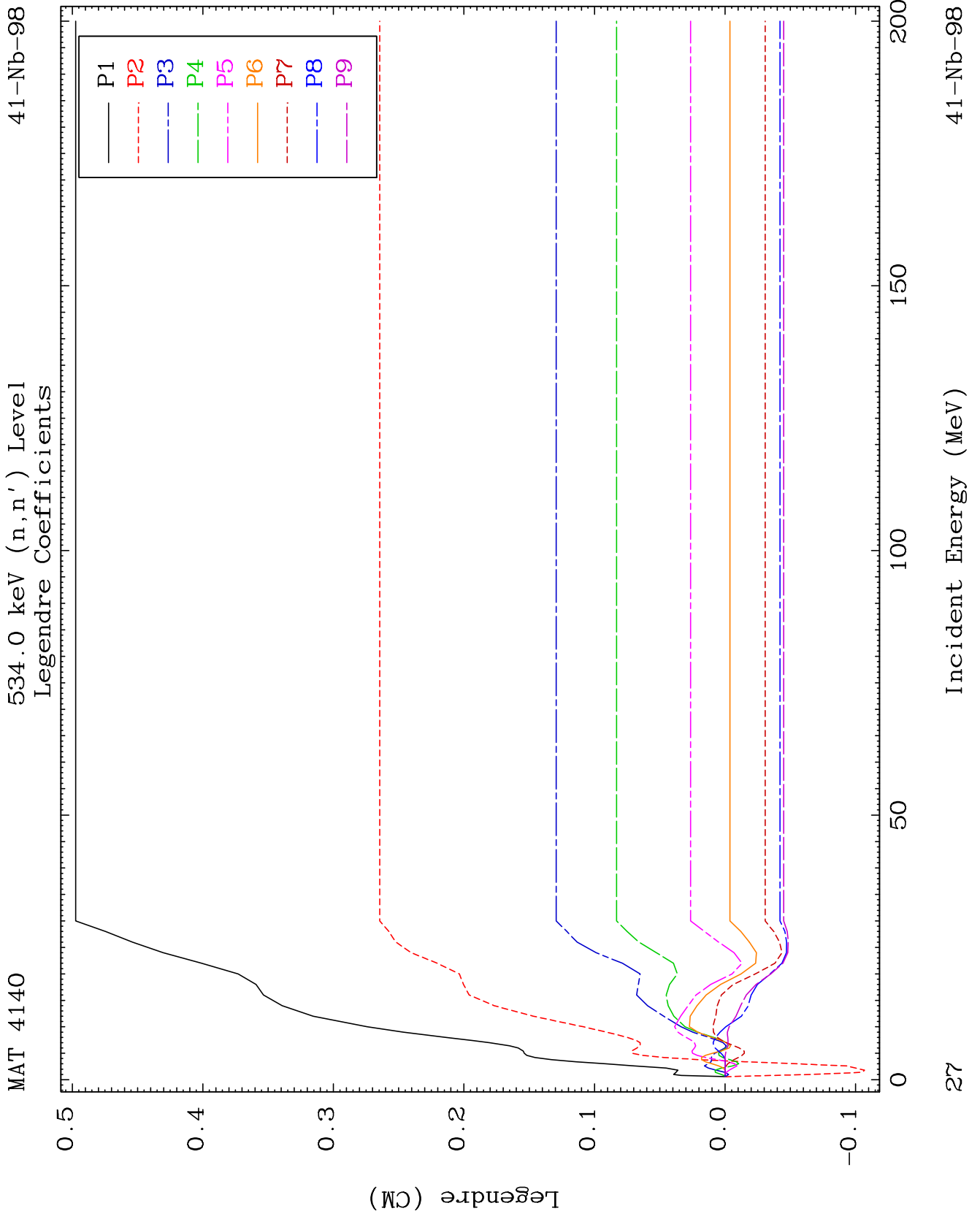
MAT 4140

226.0 keV (n,n') Level  
Legendre Coefficients

41-Nb-98



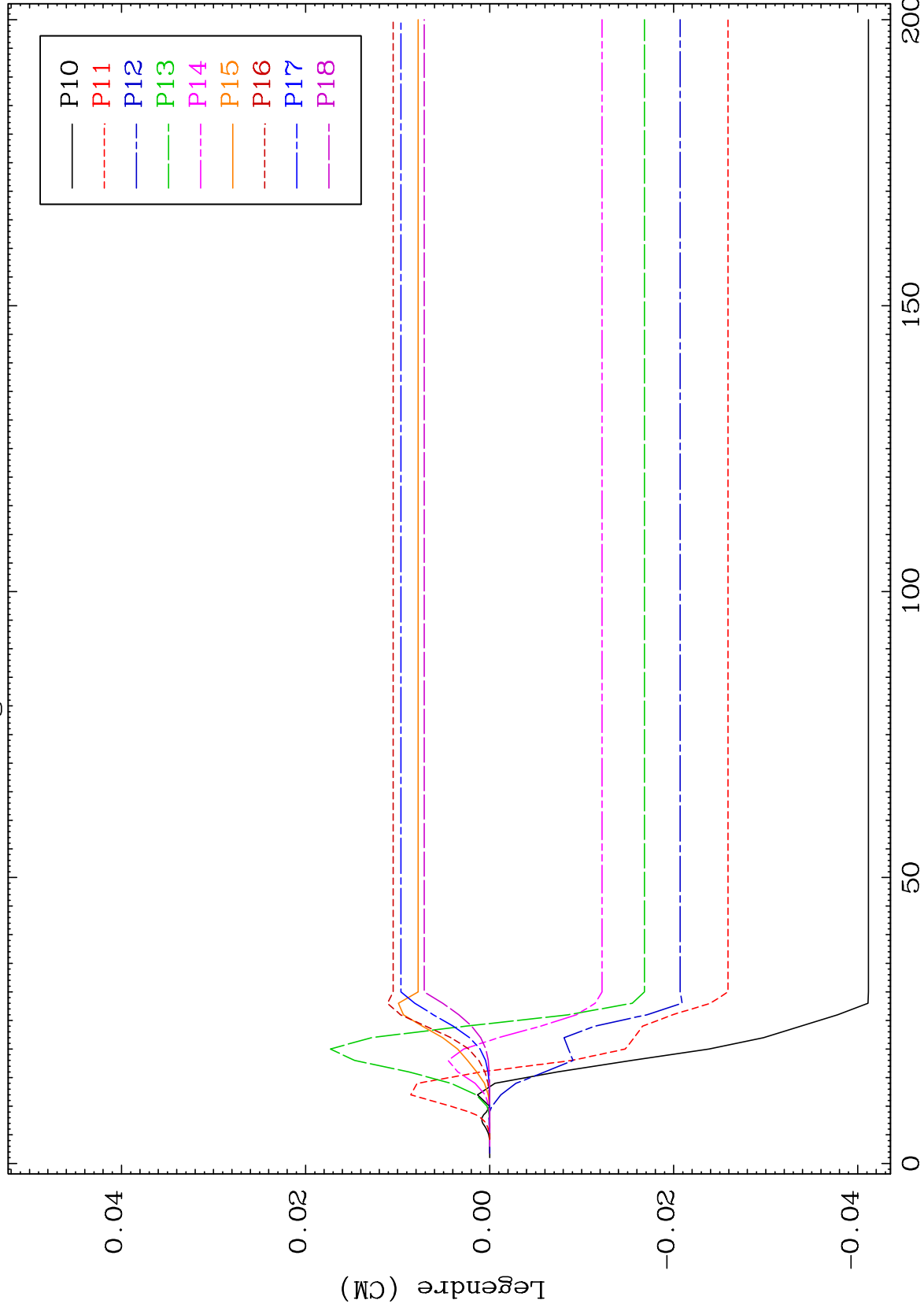




MAT 4140

534.0 keV (n,n') Level  
Legendre Coefficients

41-Nb-98

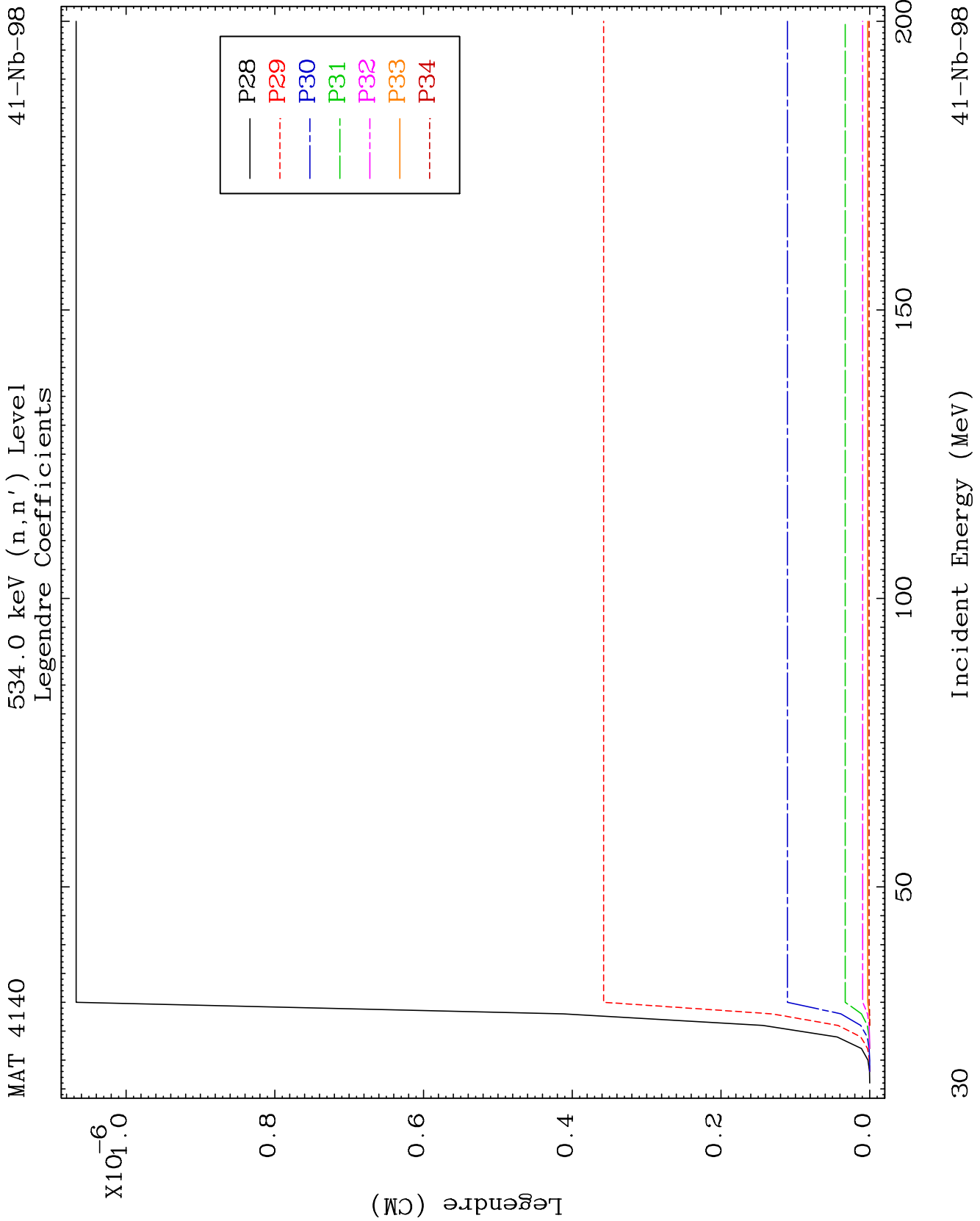


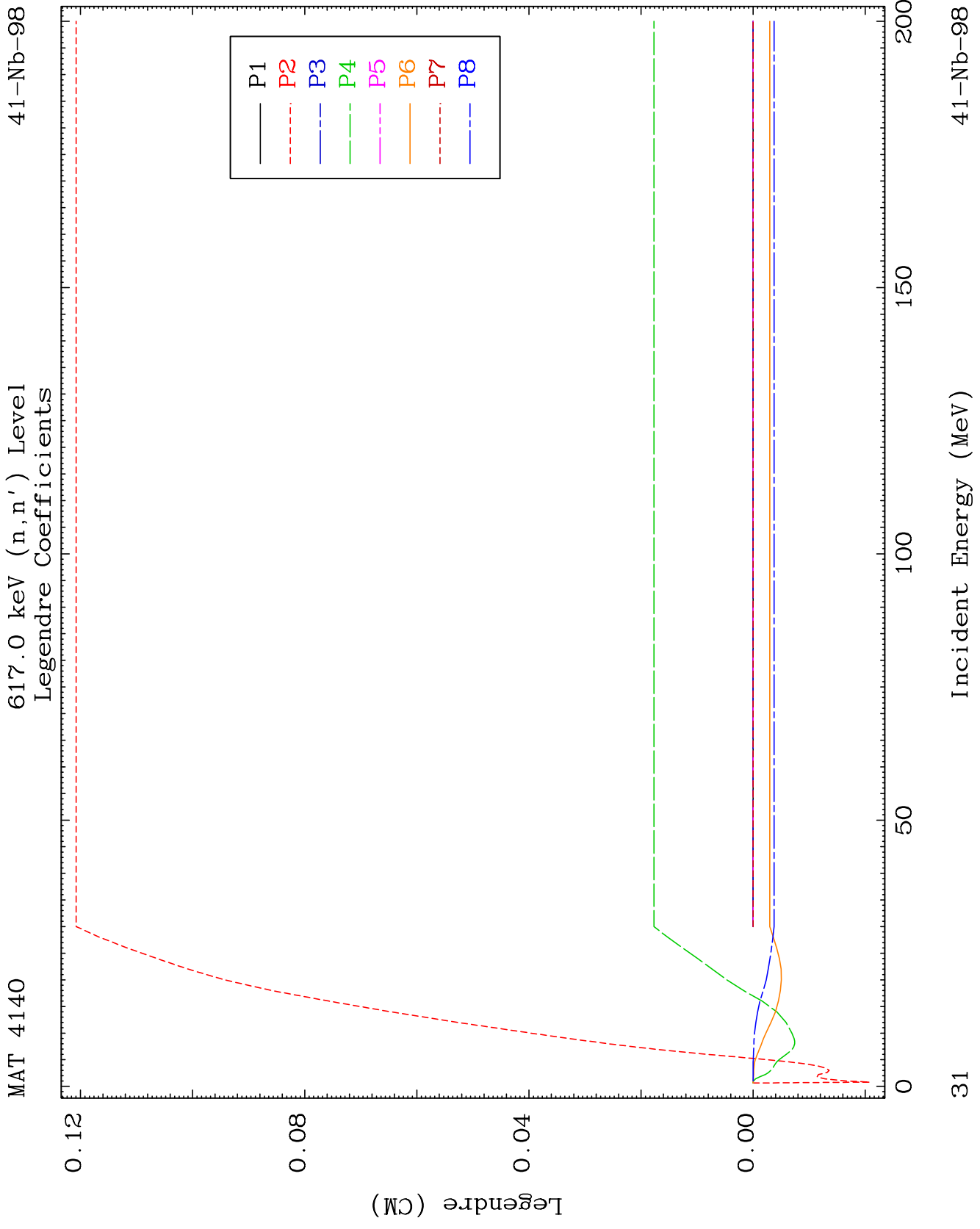
28

Incident Energy (MeV)

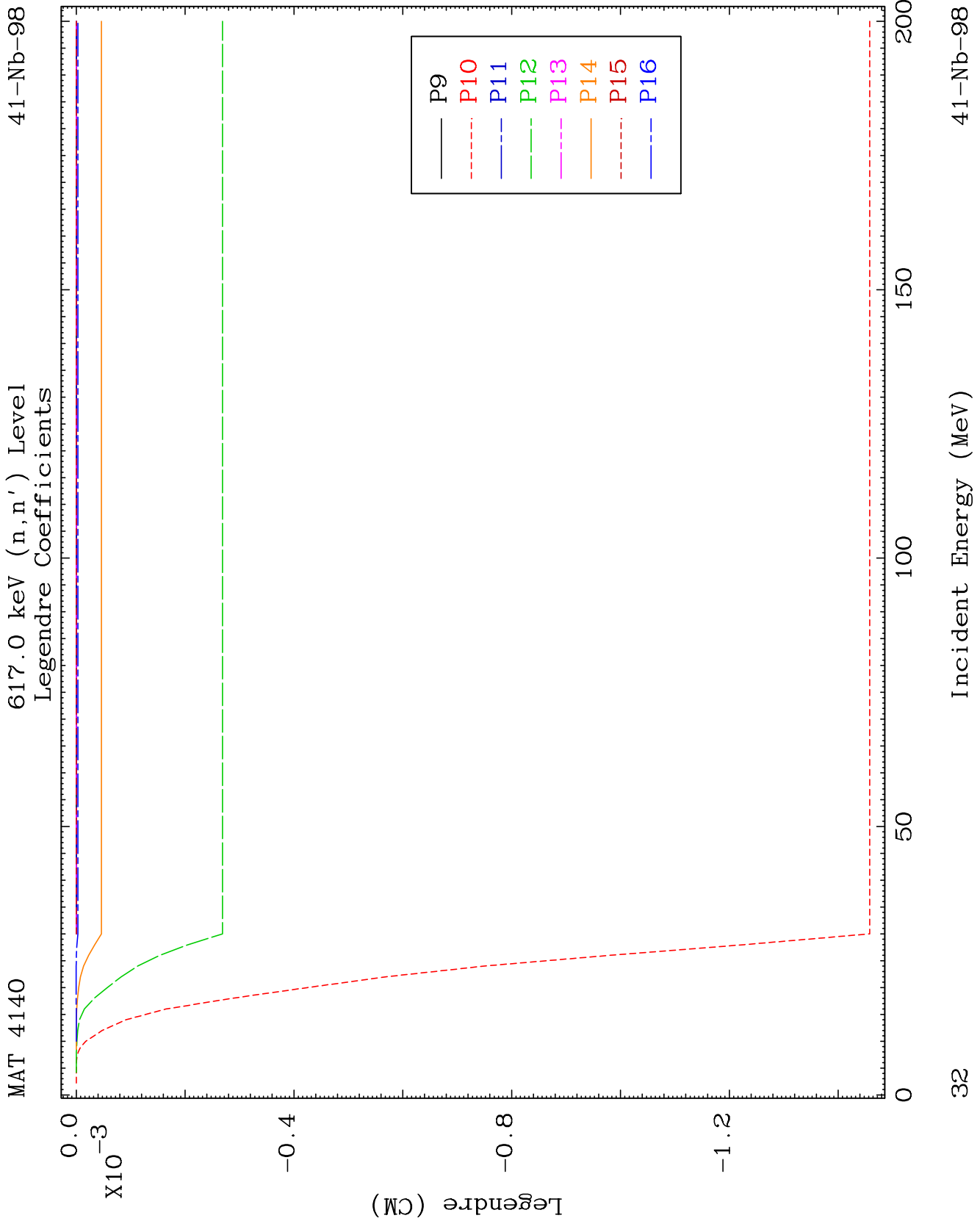
41-Nb-98

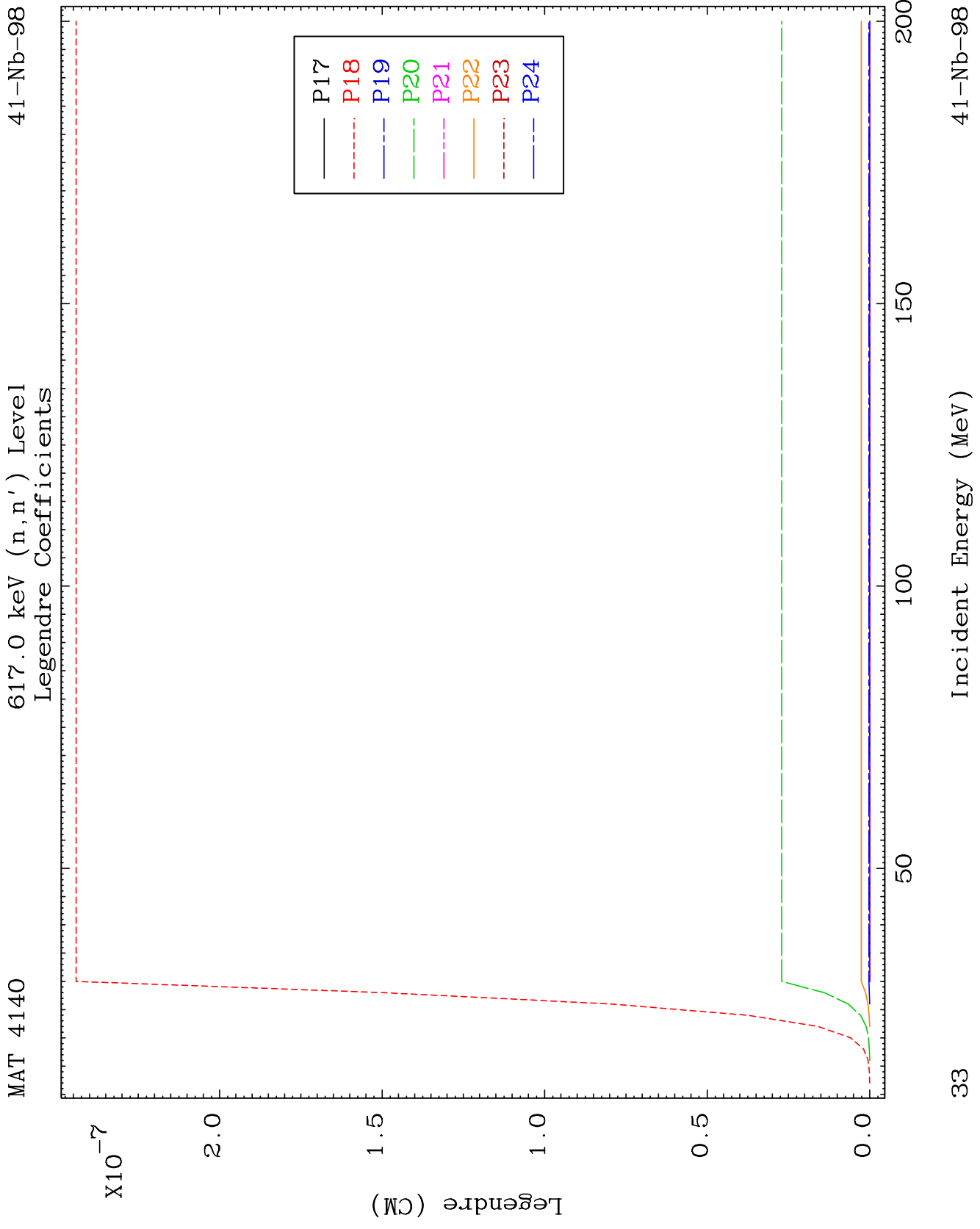




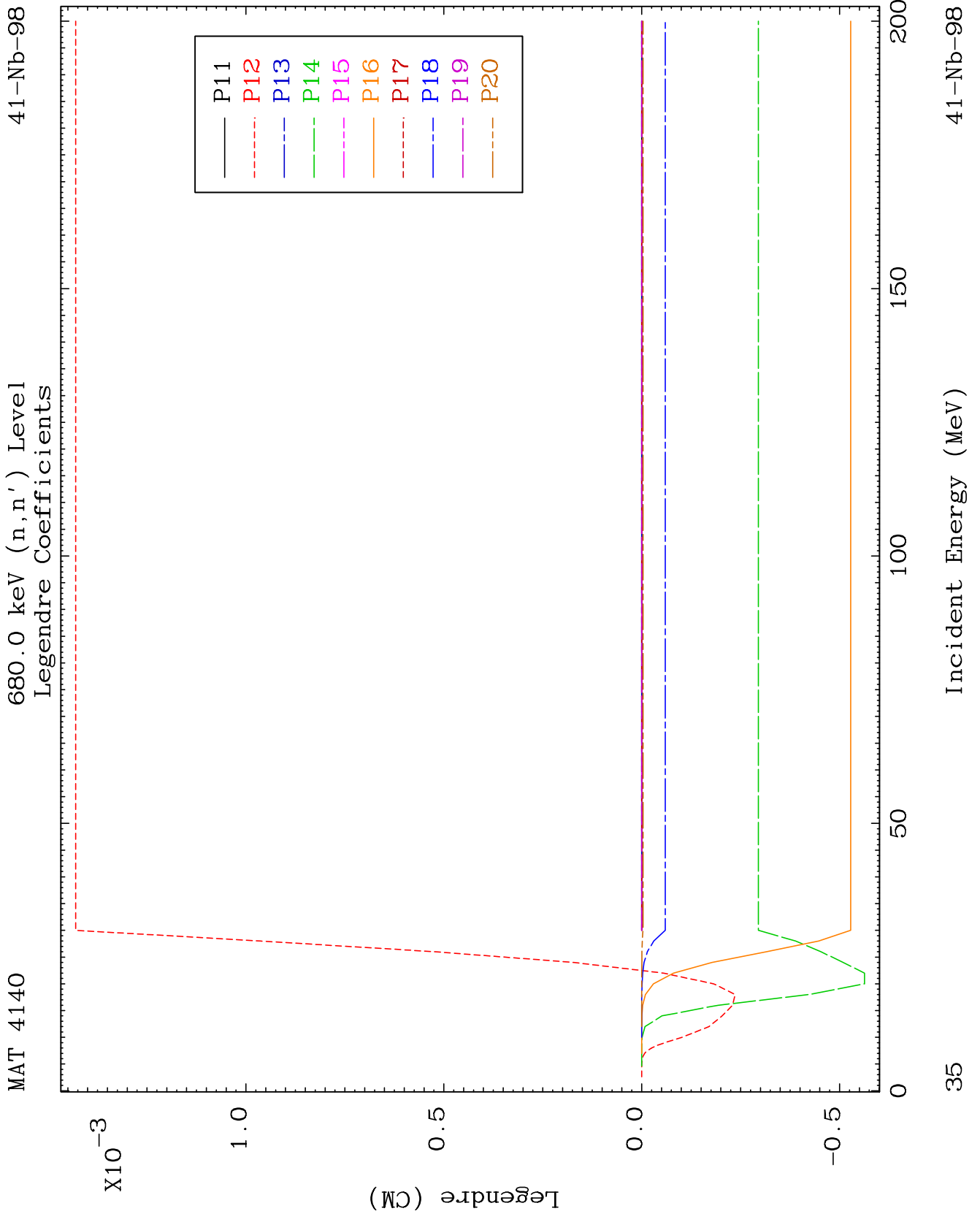


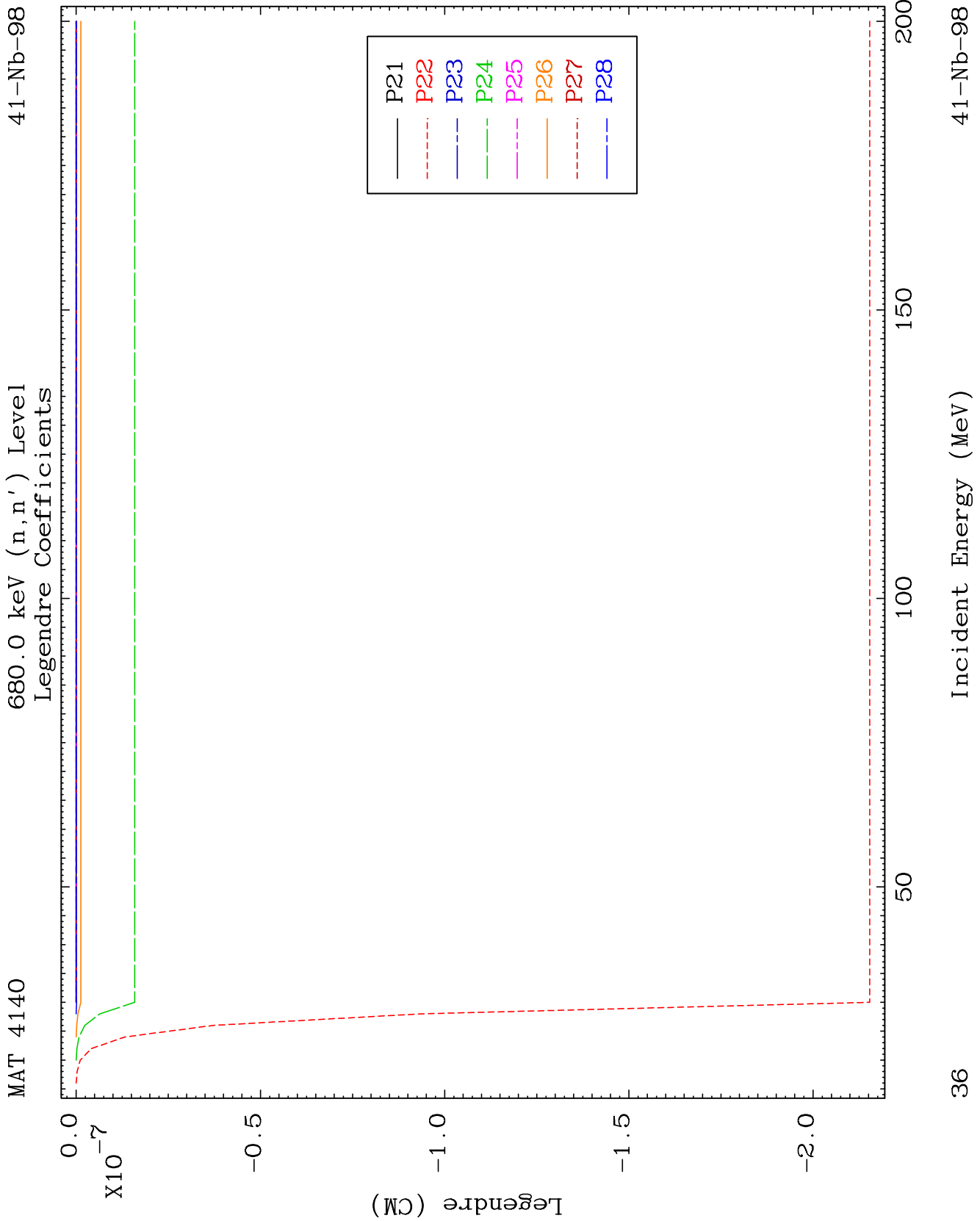


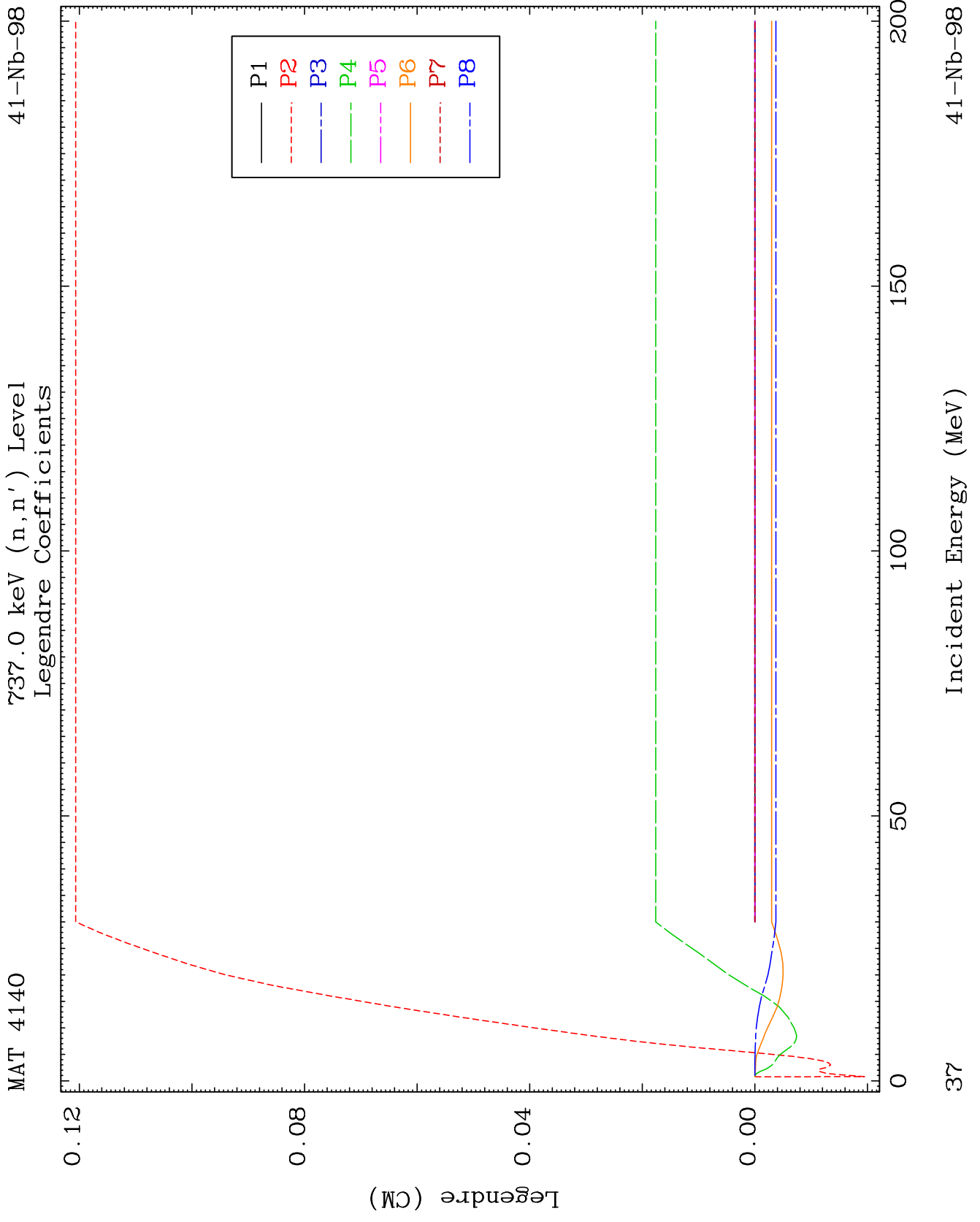


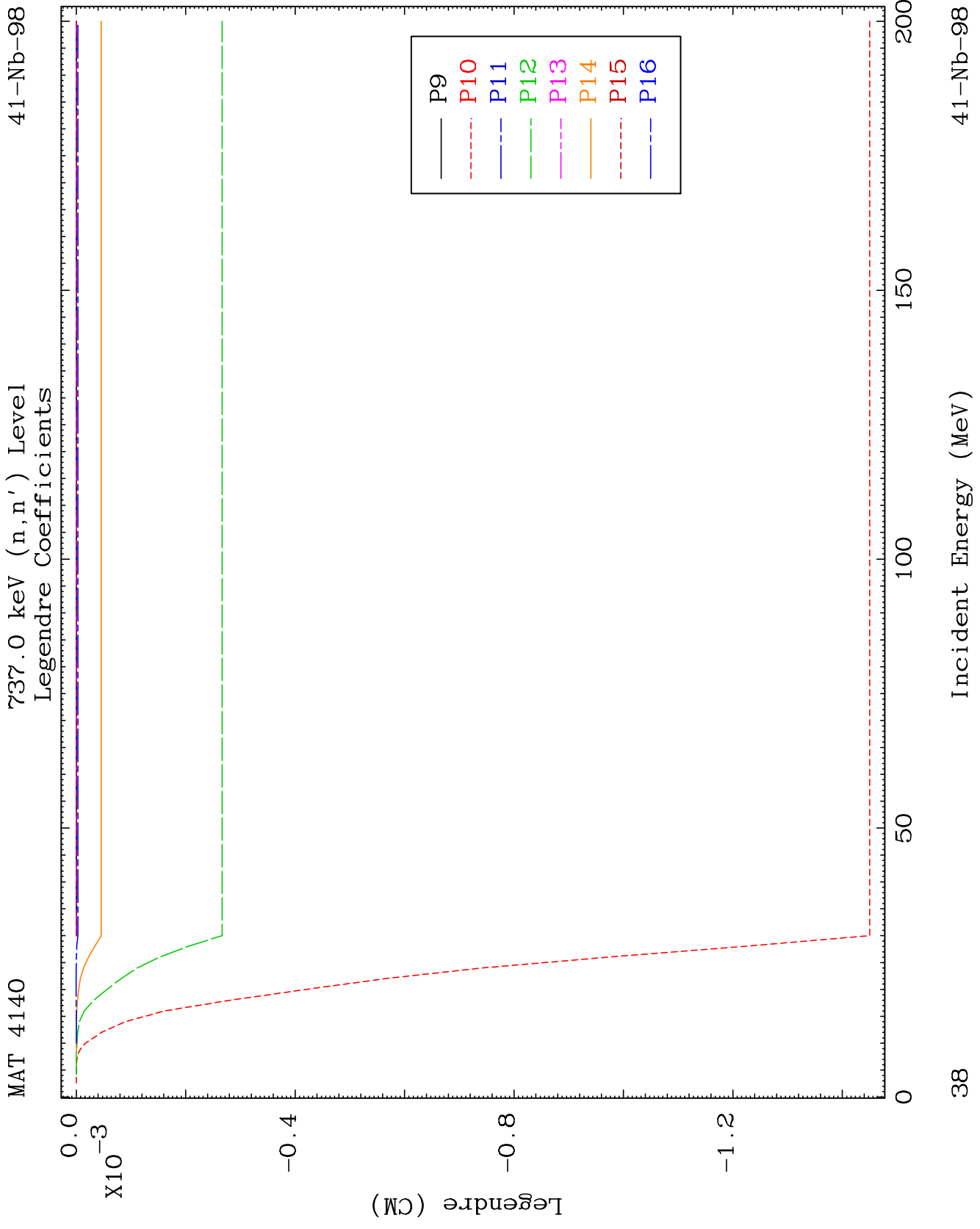


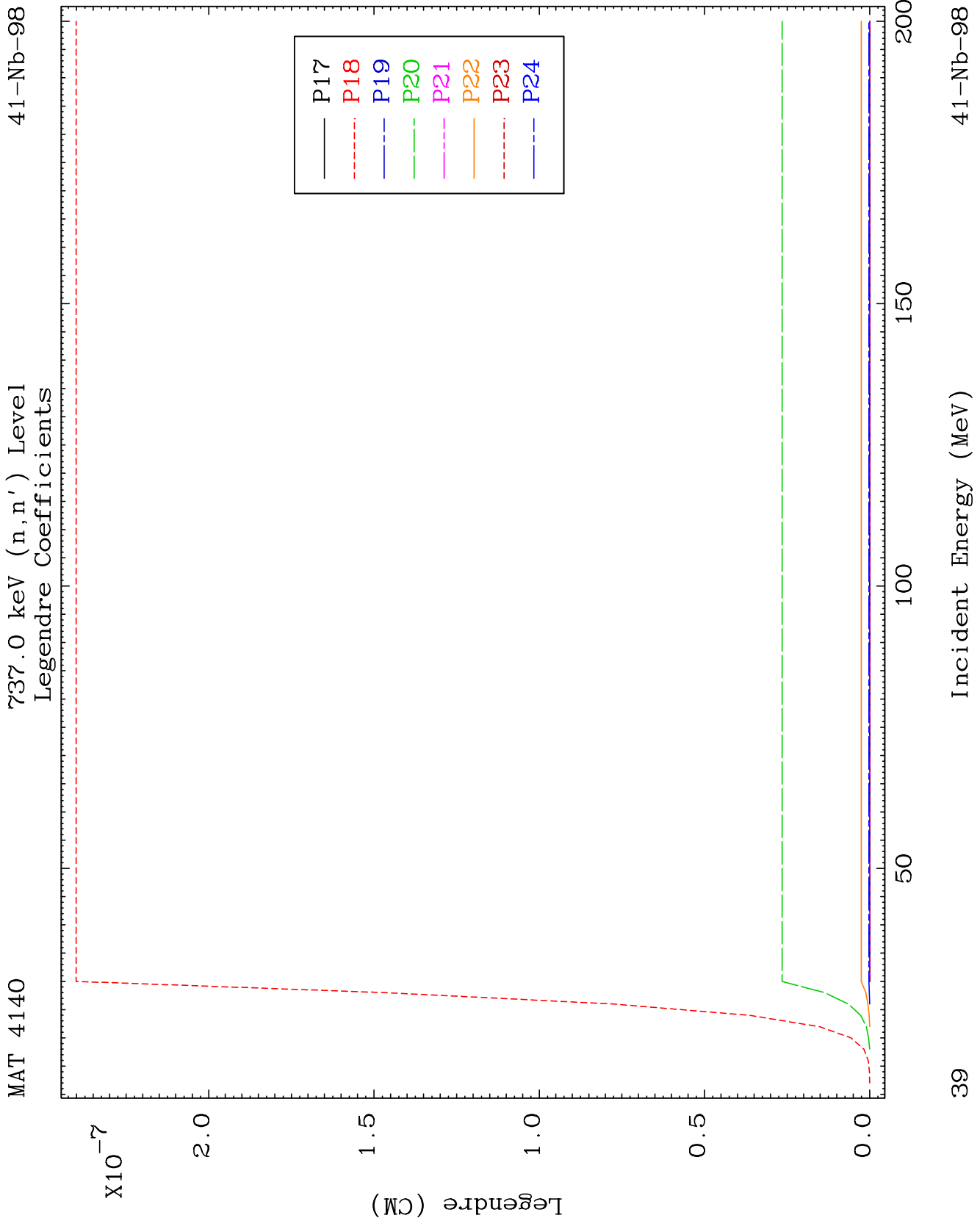




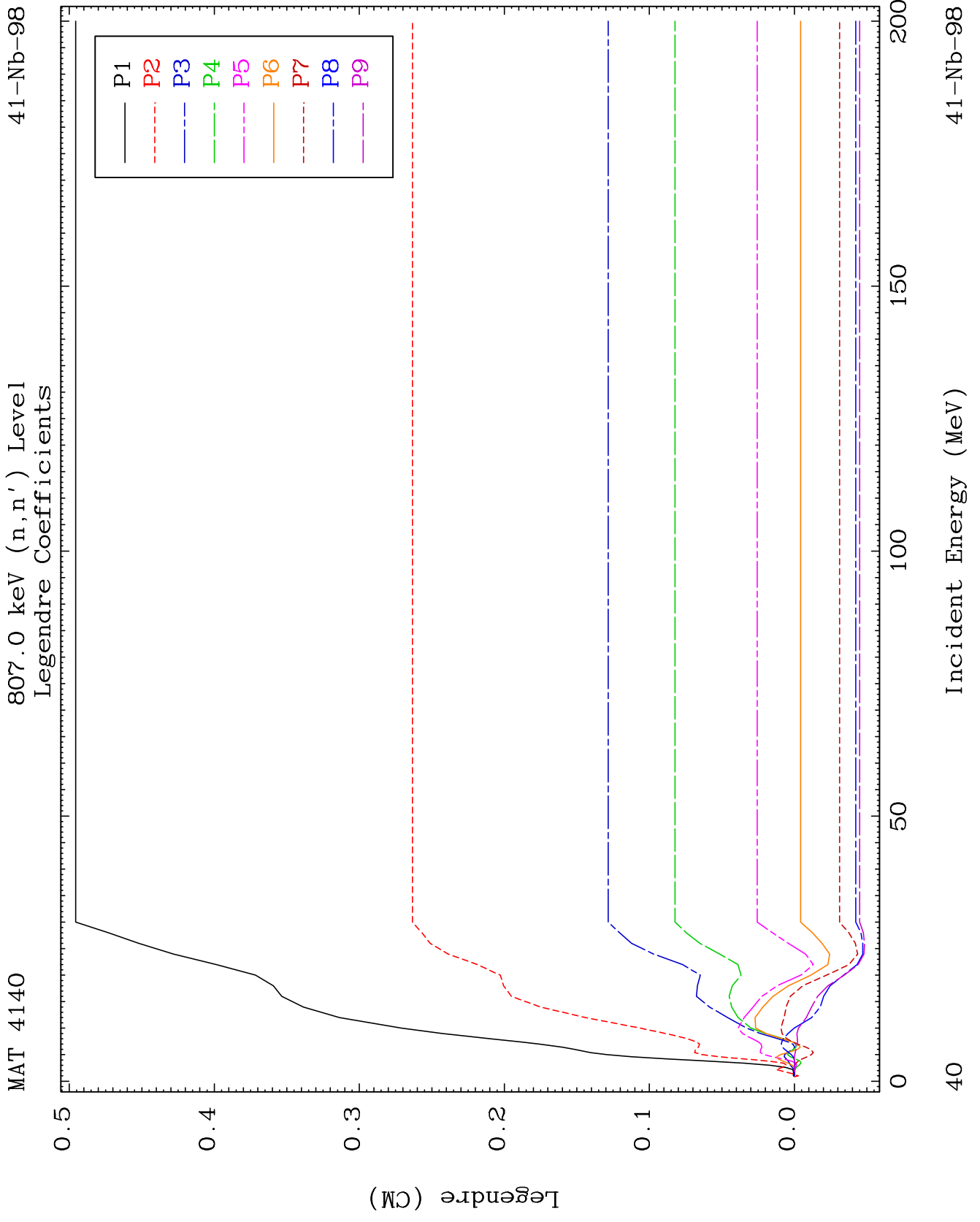


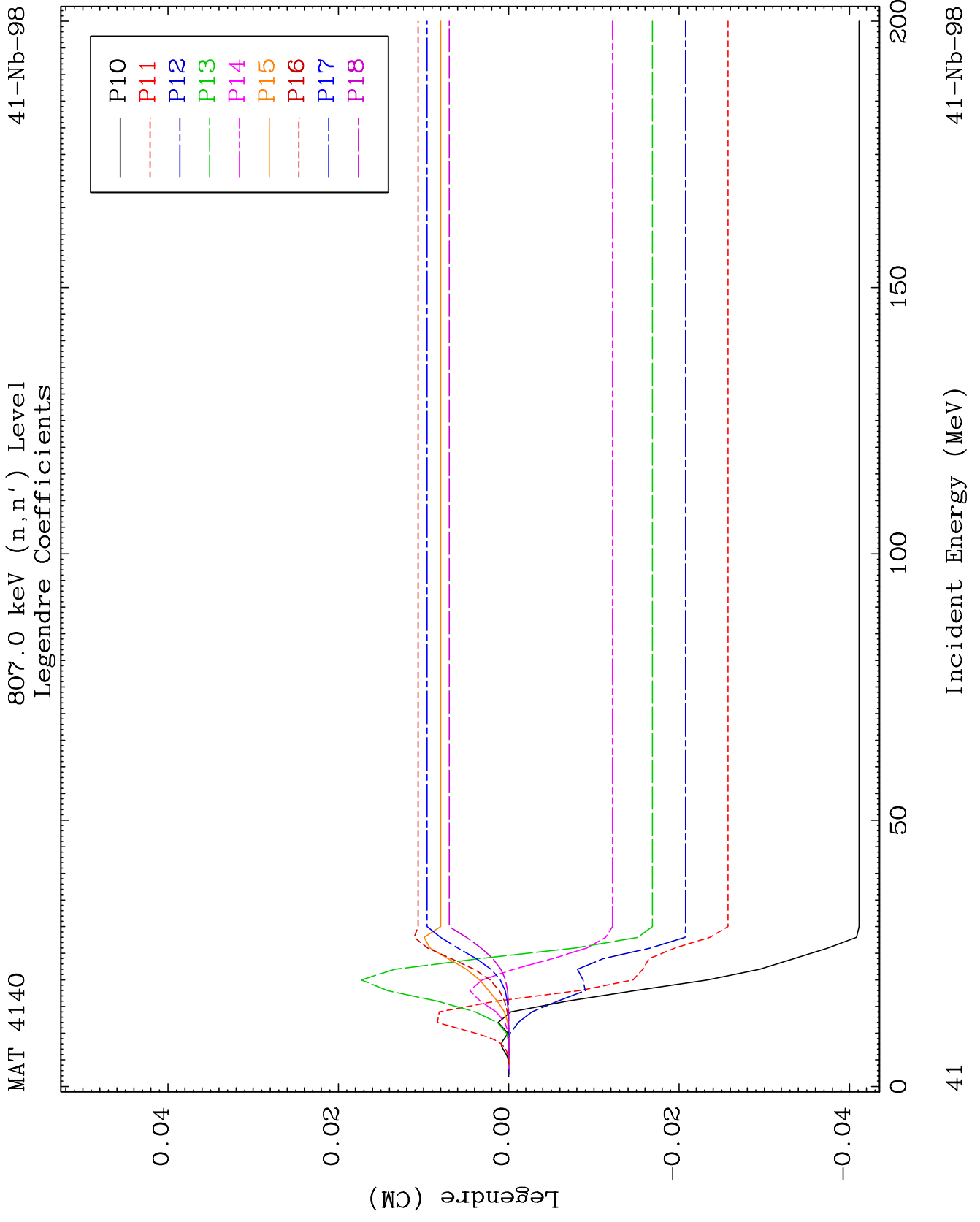


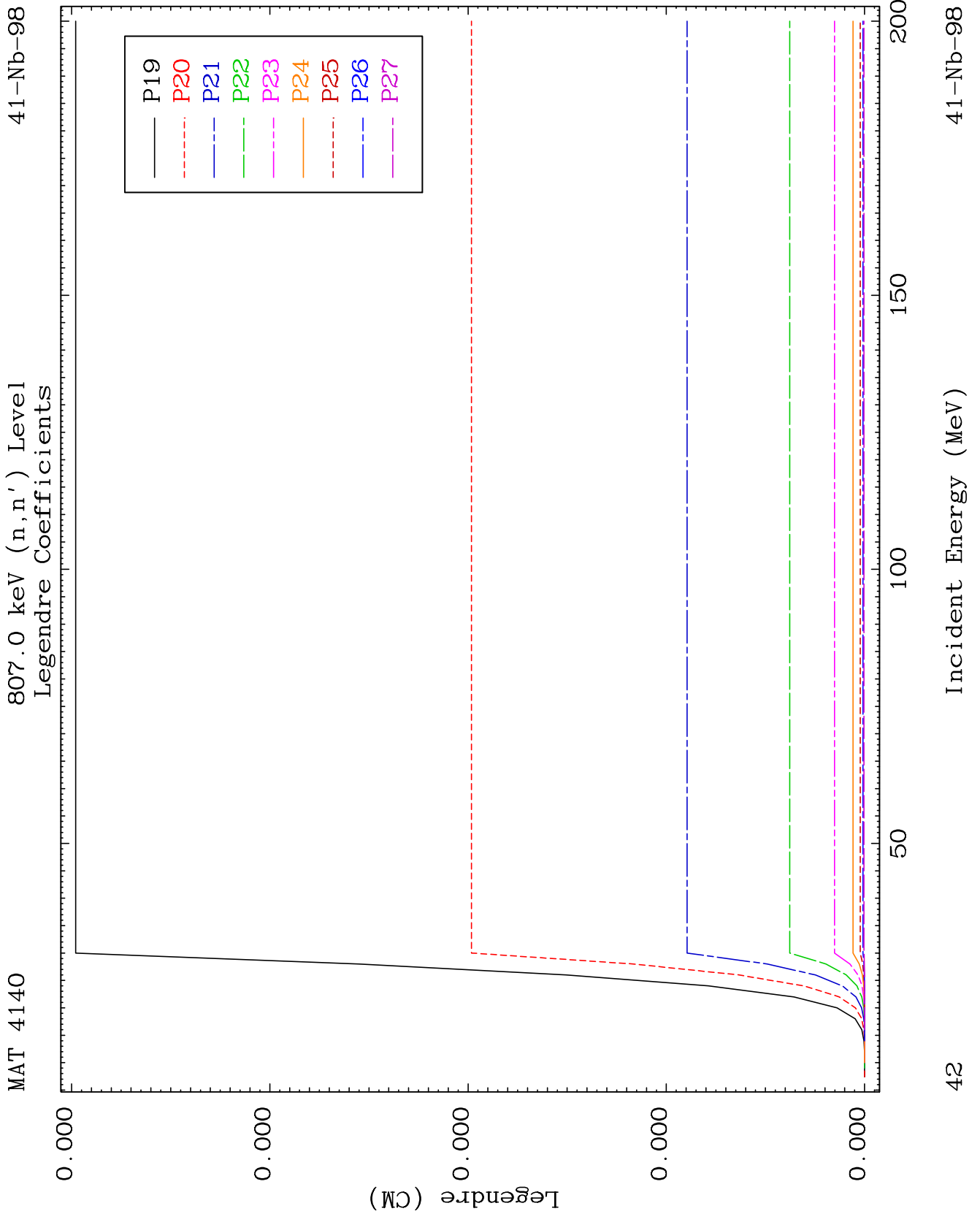


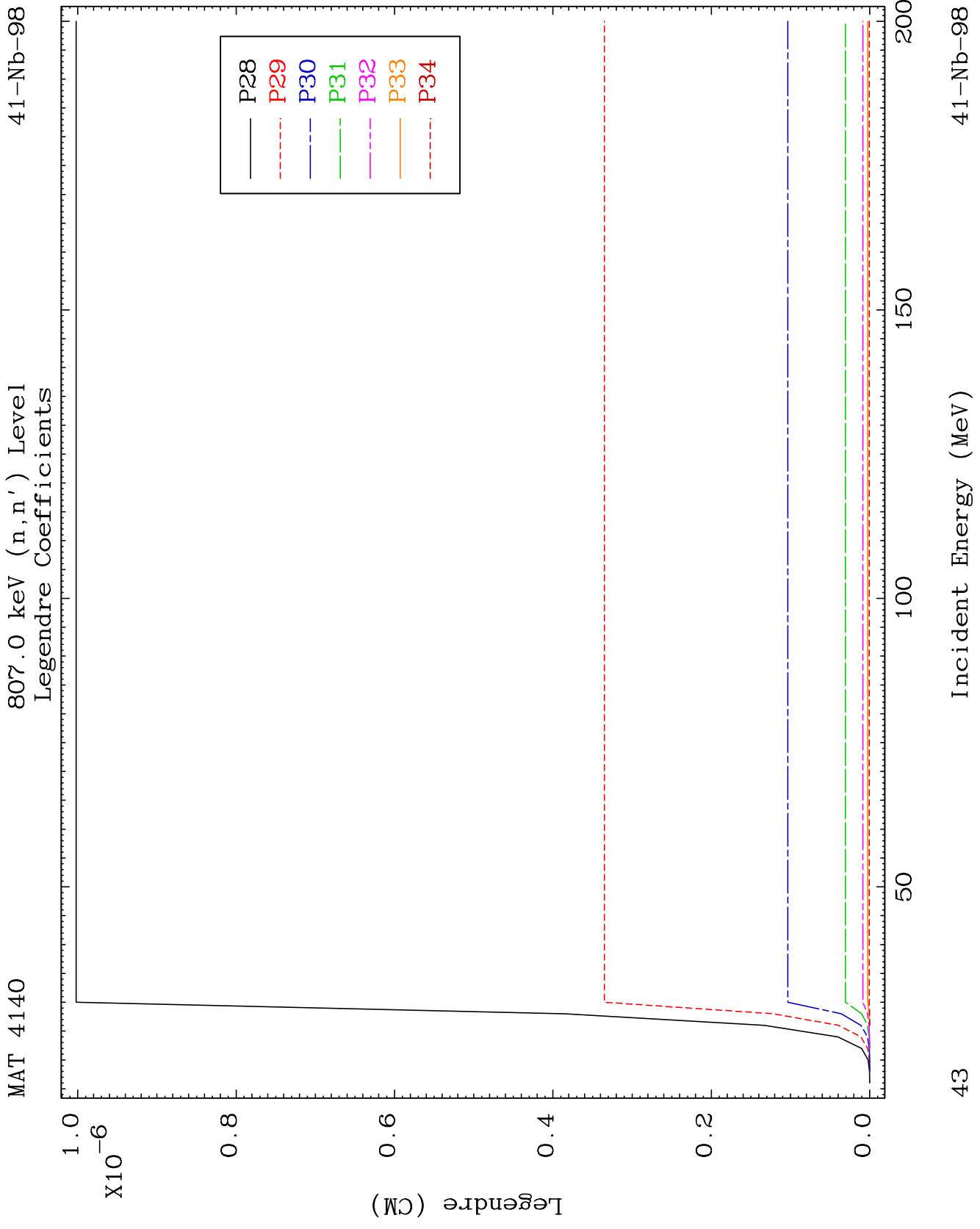


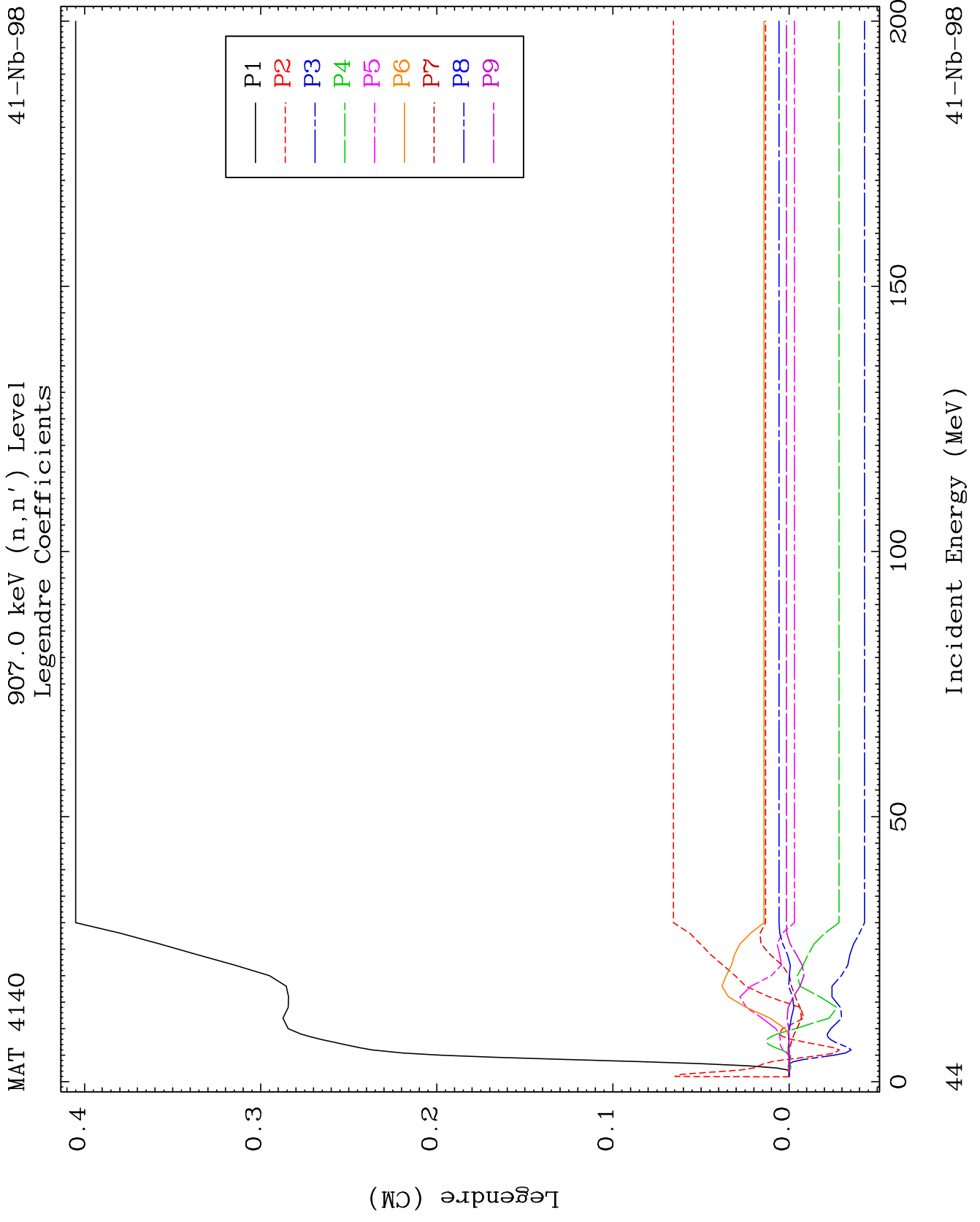








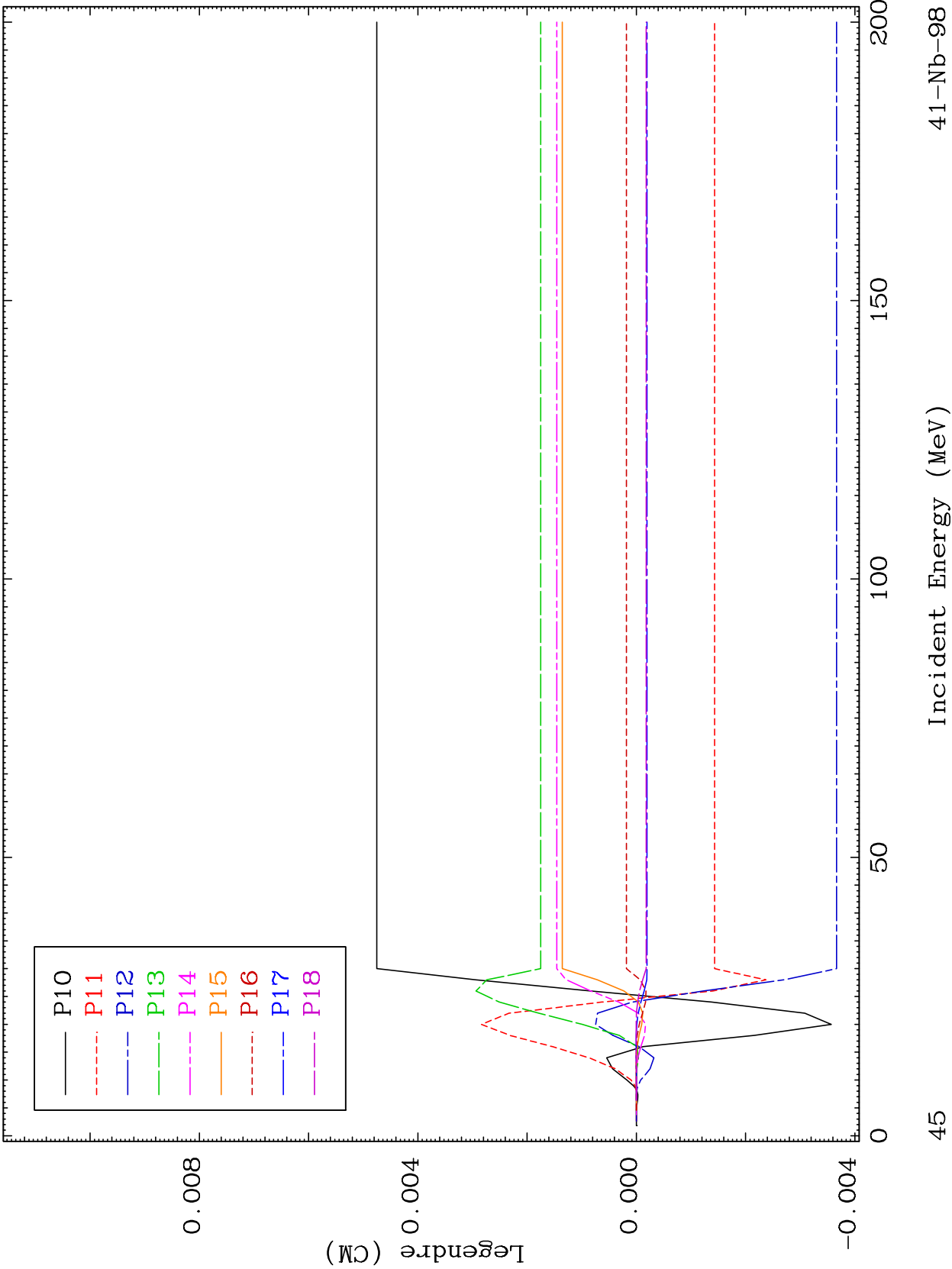




MAT 4140

907.0 keV (n,n') Level  
Legendre Coefficients

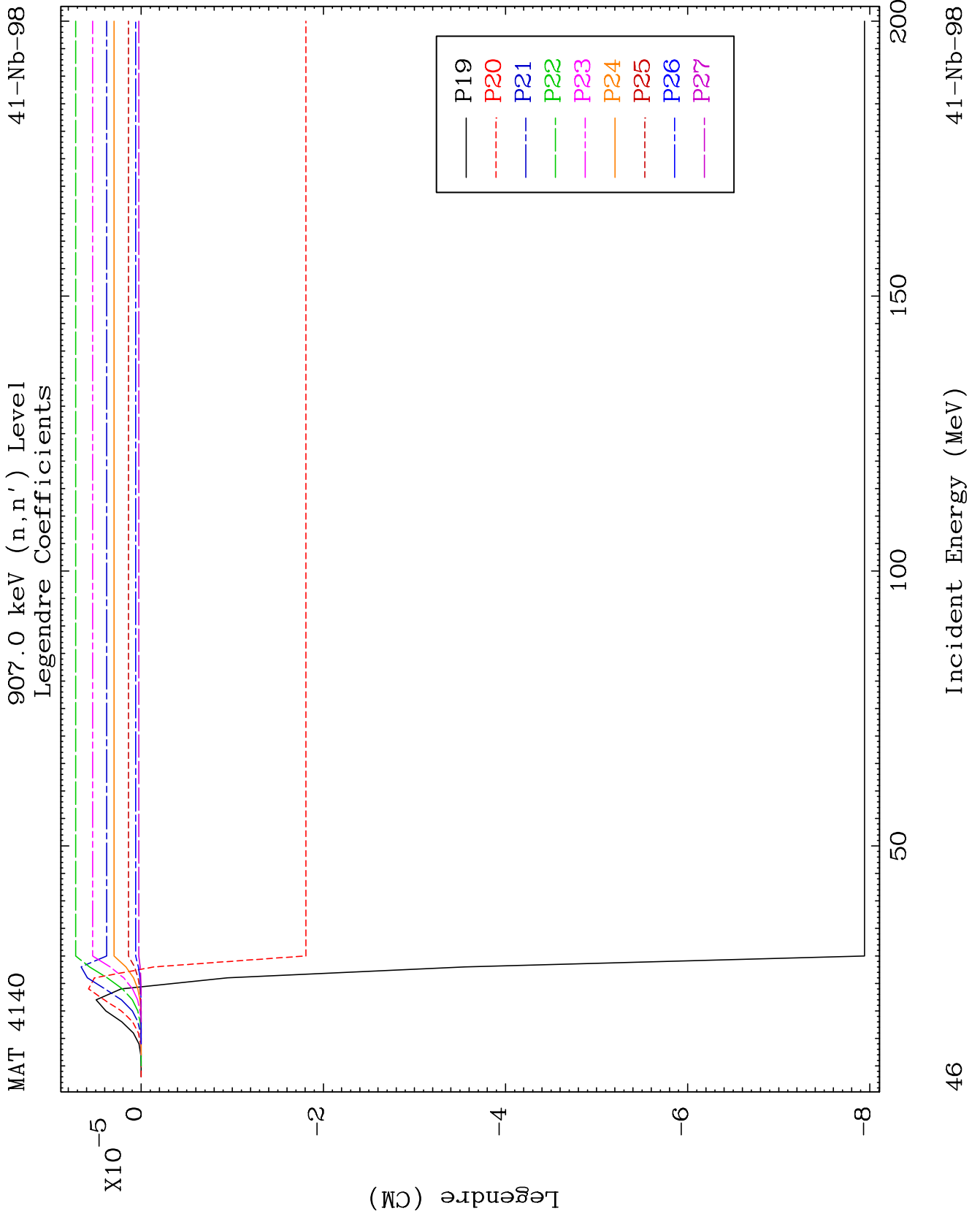
41-Nb-98



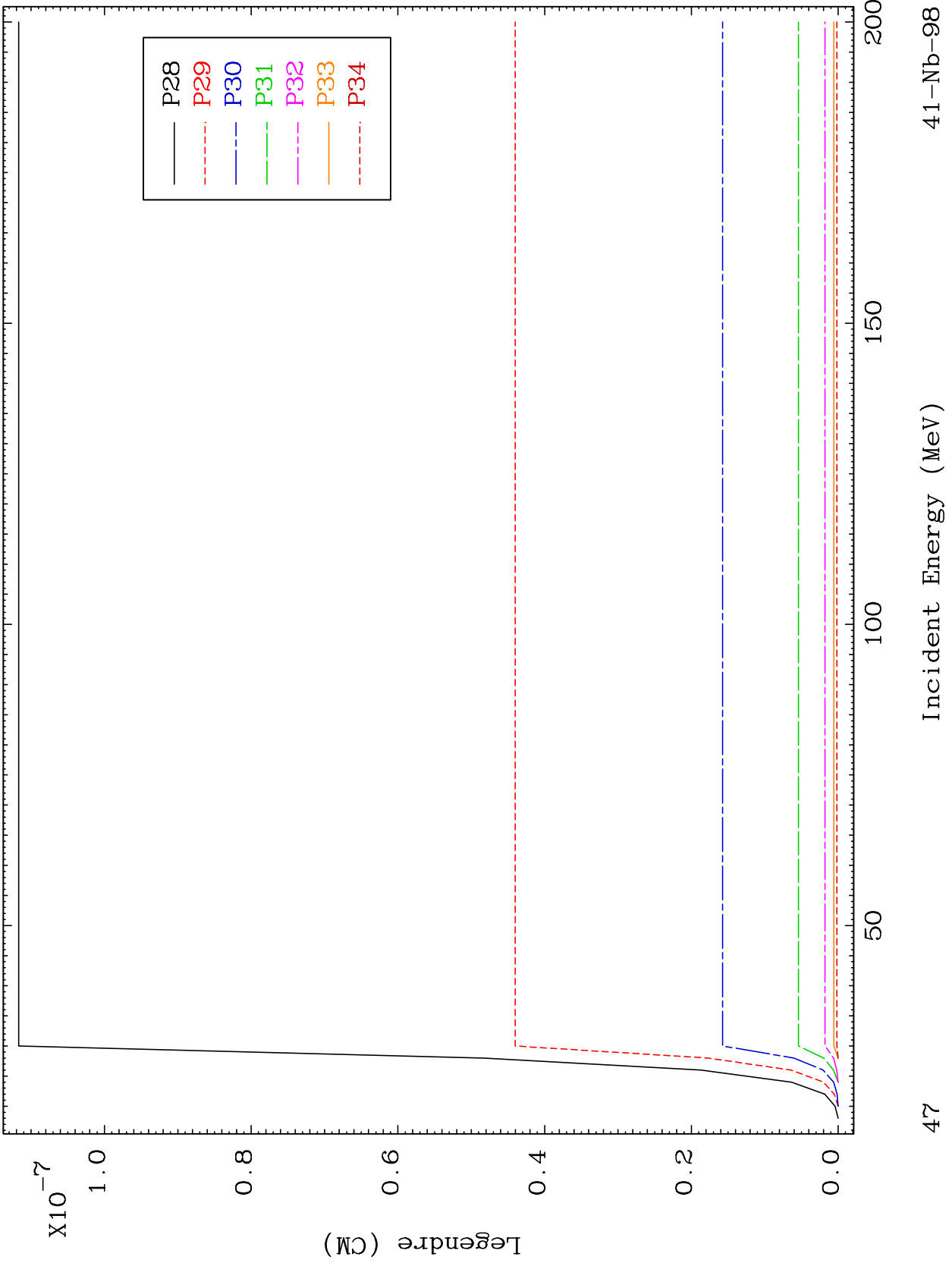
41-Nb-98

Incident Energy (MeV)

45

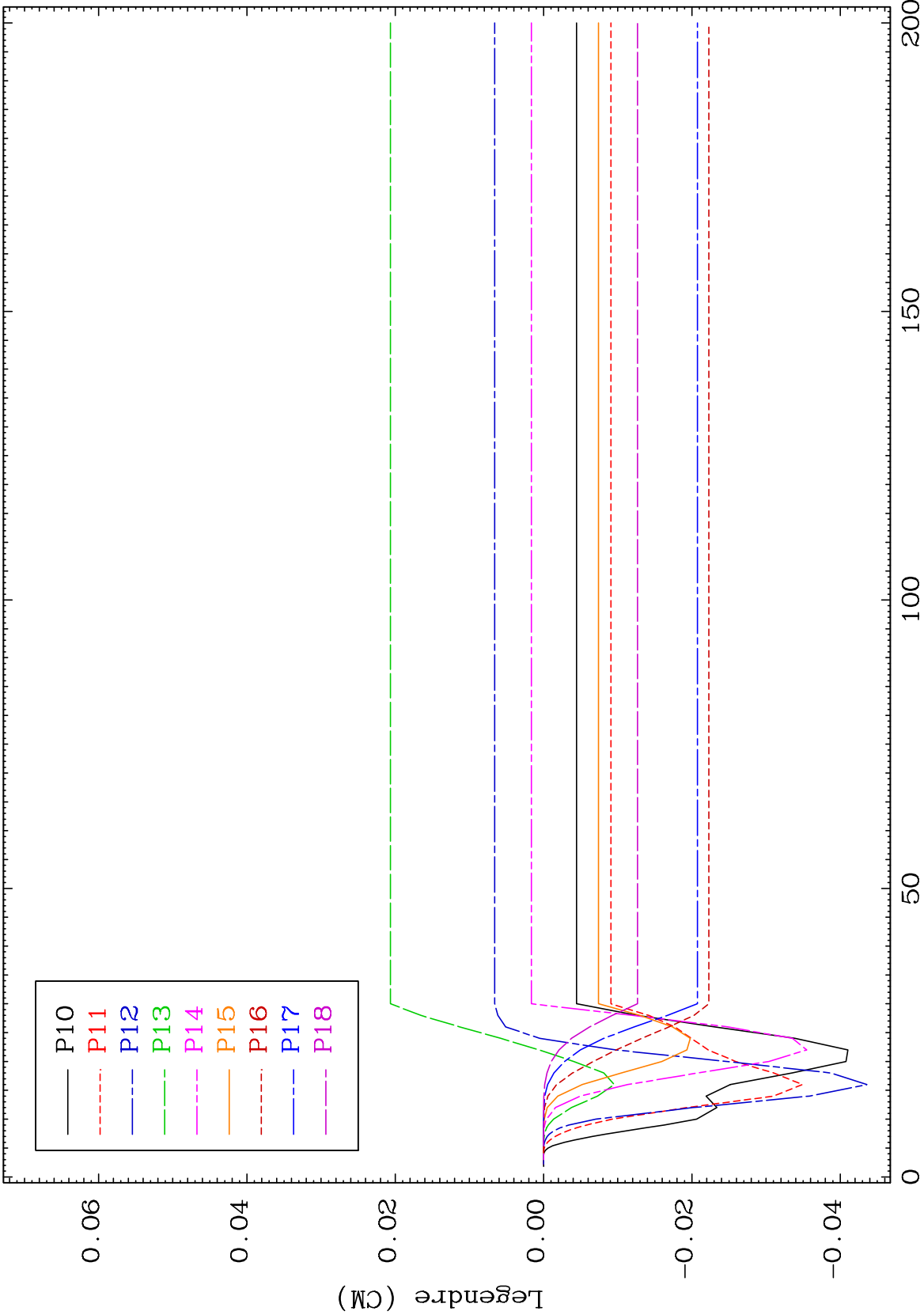


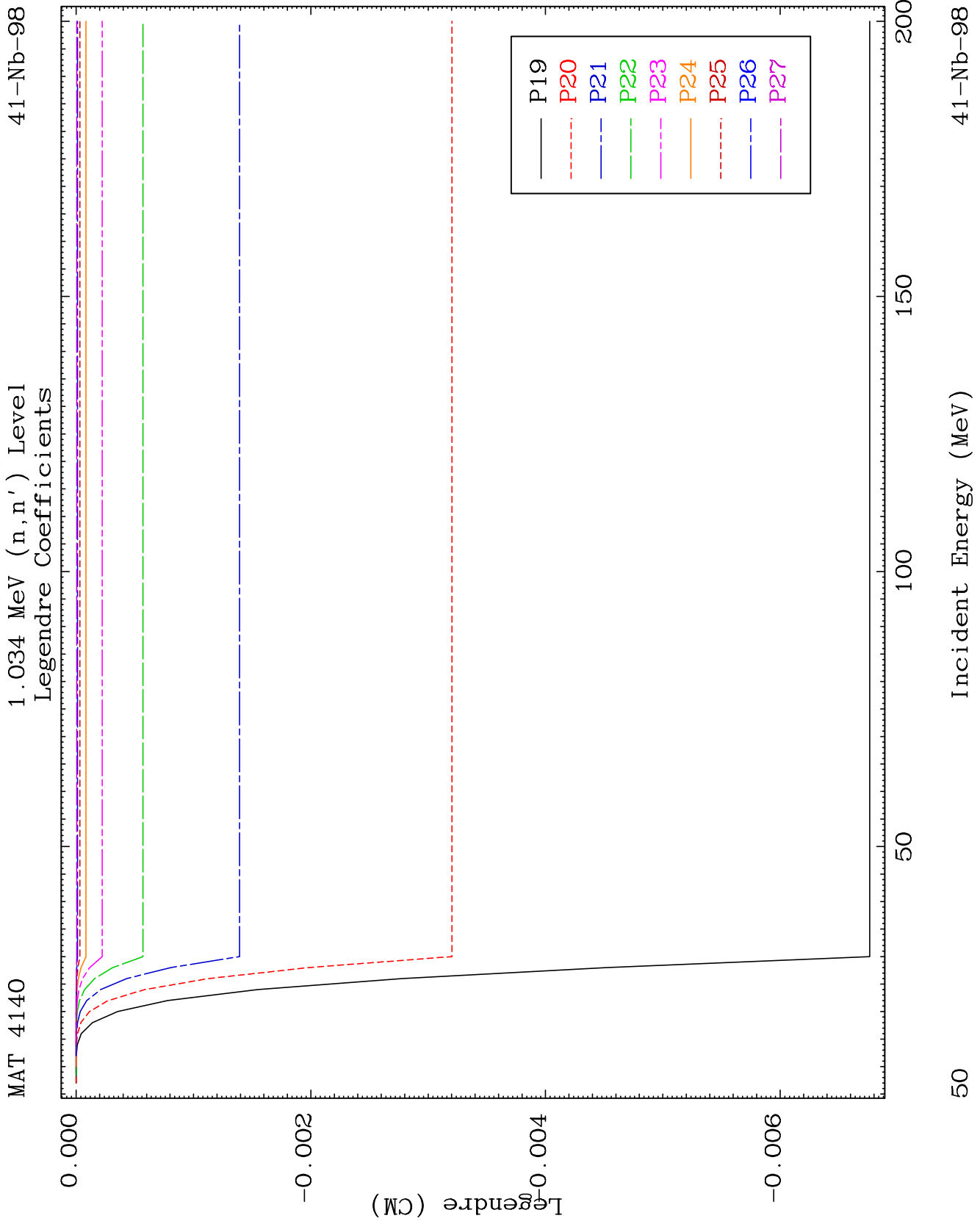
MAT 4140 907.0 keV (n,n') Level Legendre Coefficients 41-Nb-98

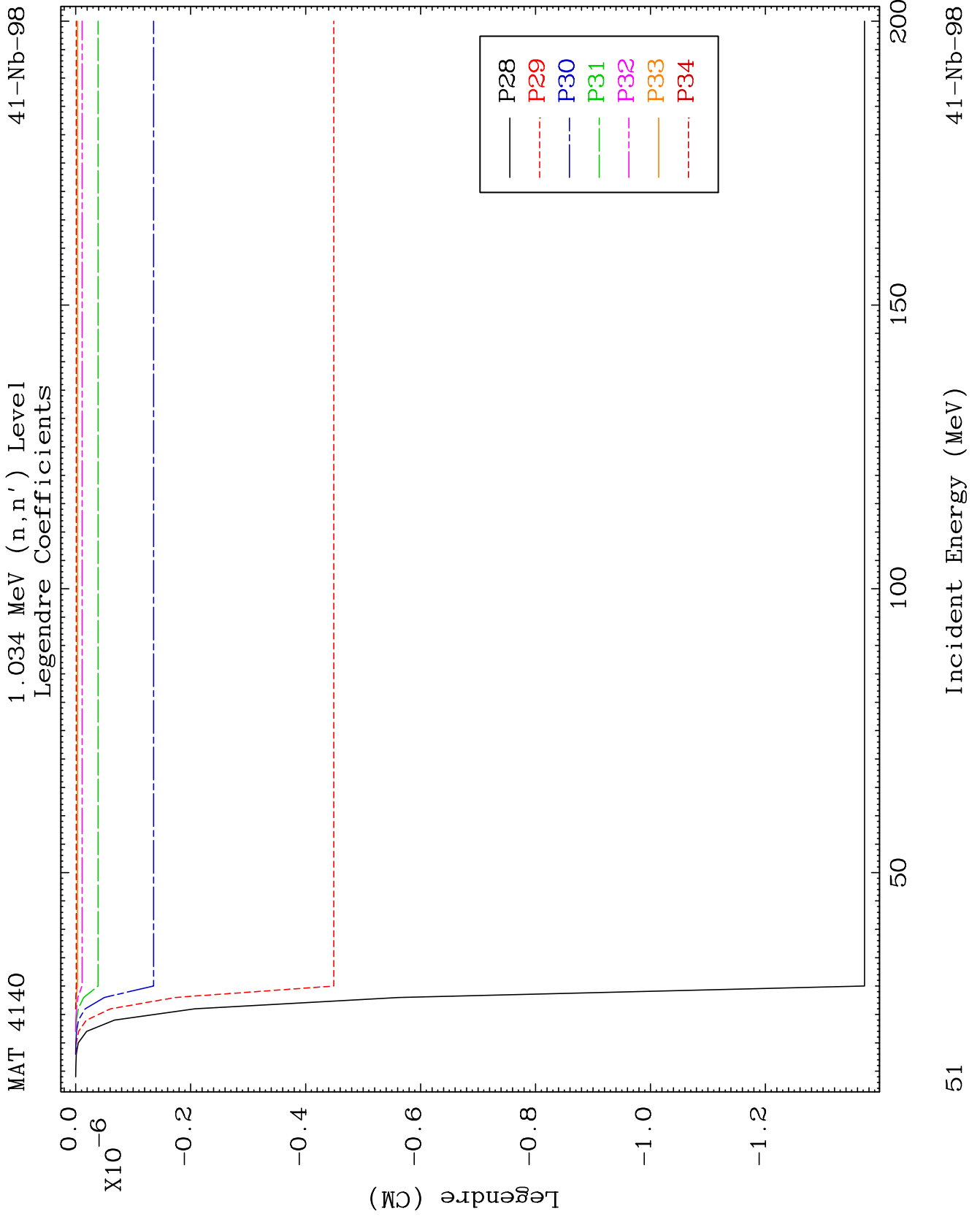


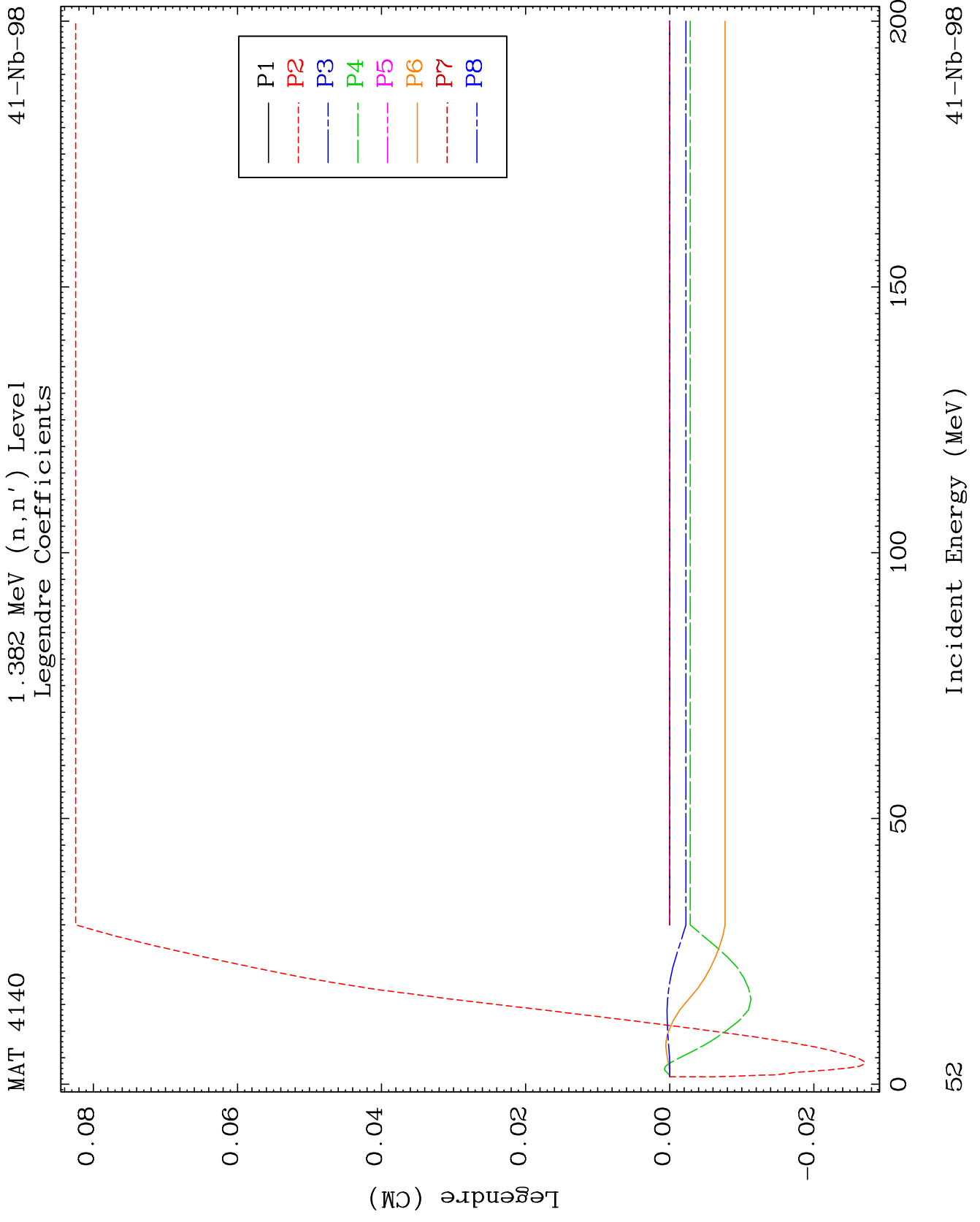


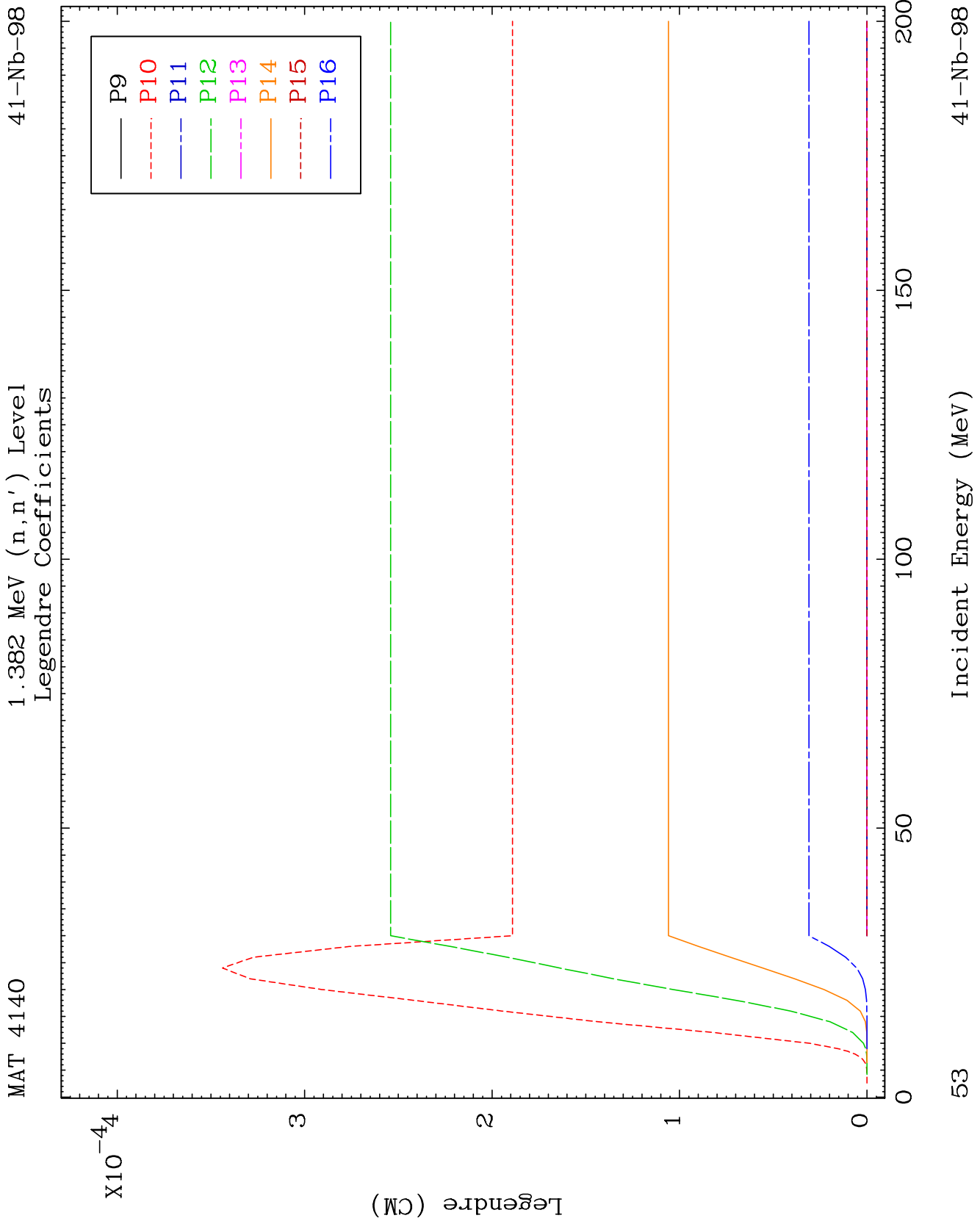


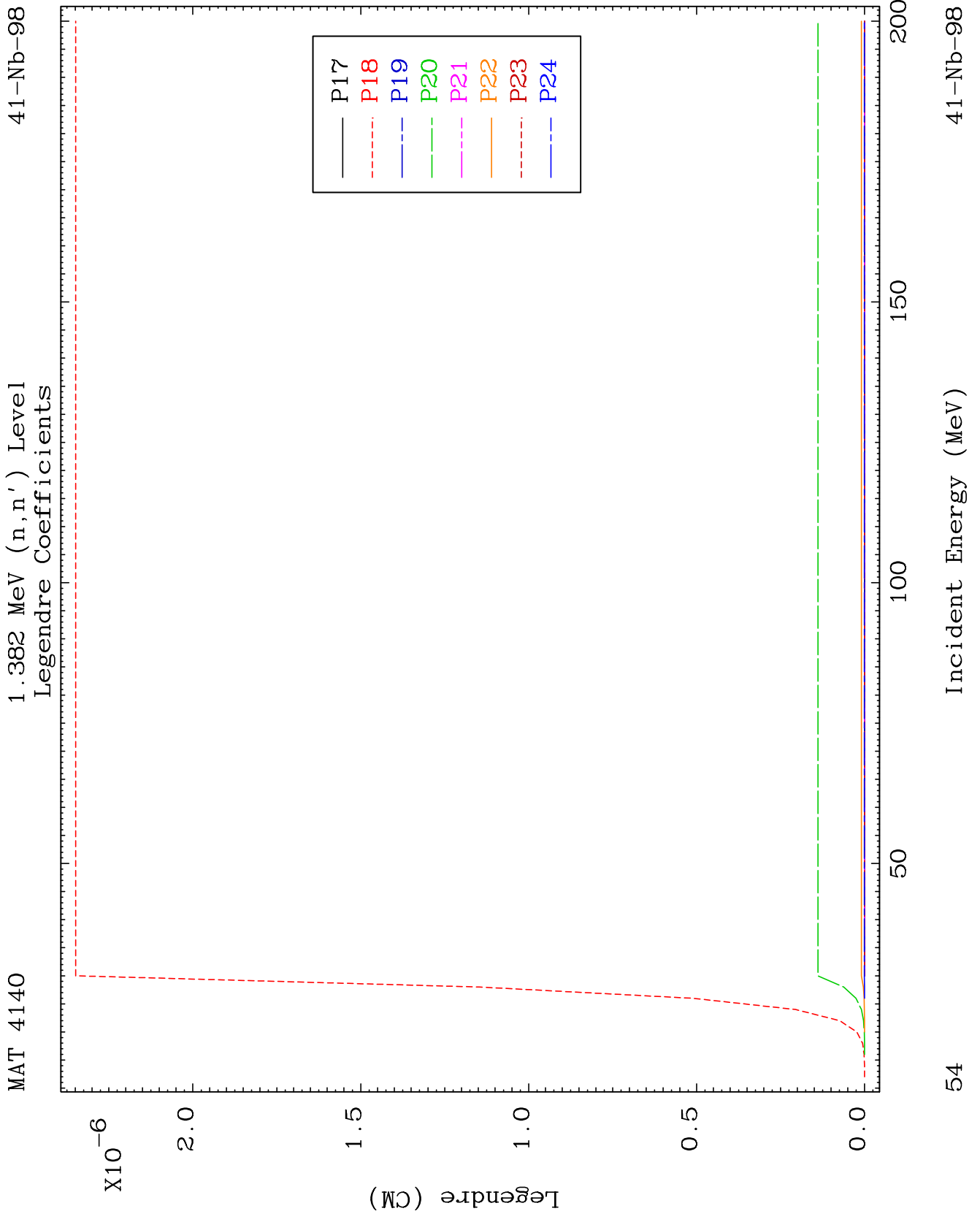








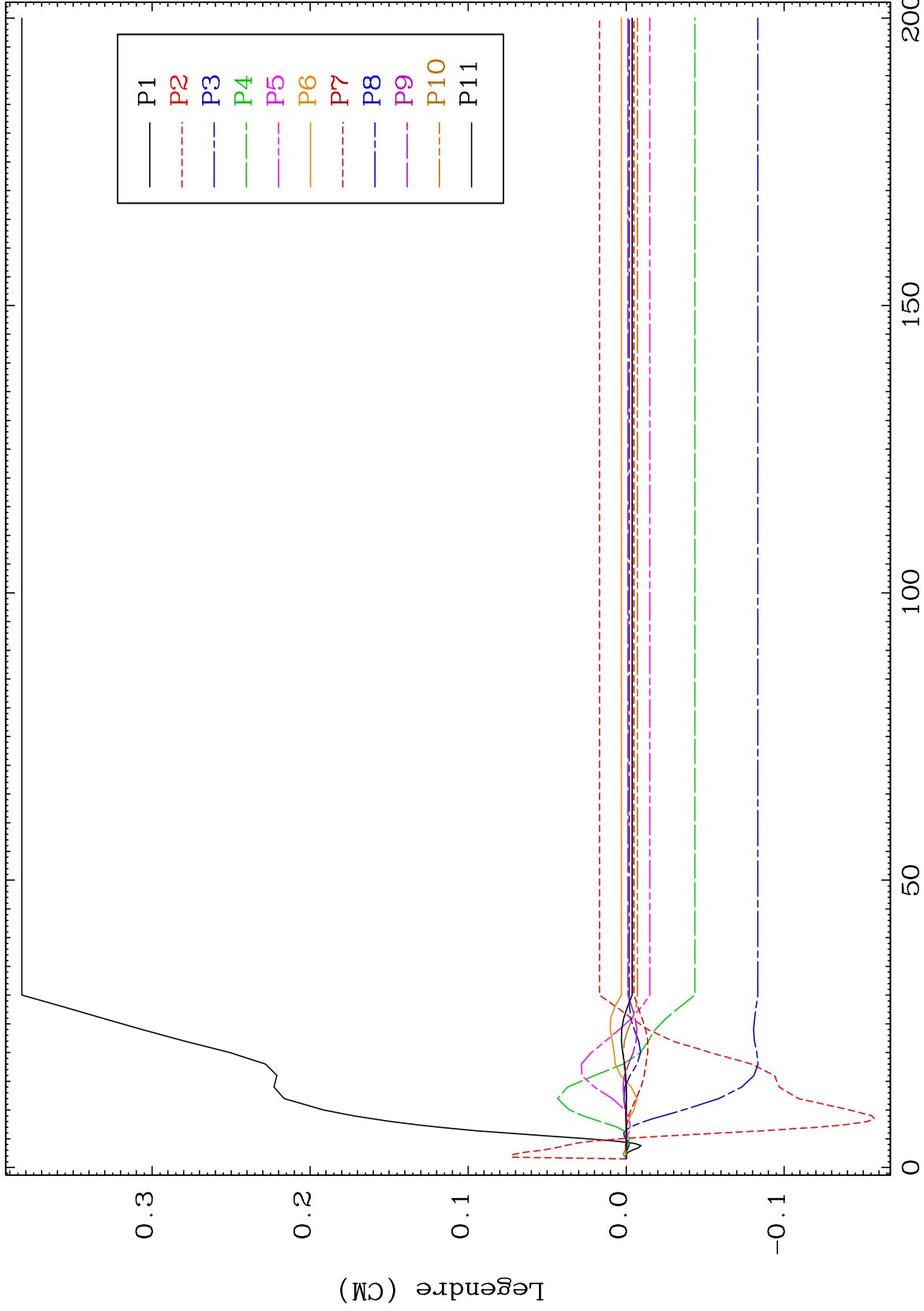




MAT 4140

1.483 MeV (n,n') Level  
Legendre Coefficients

41-Nb-98

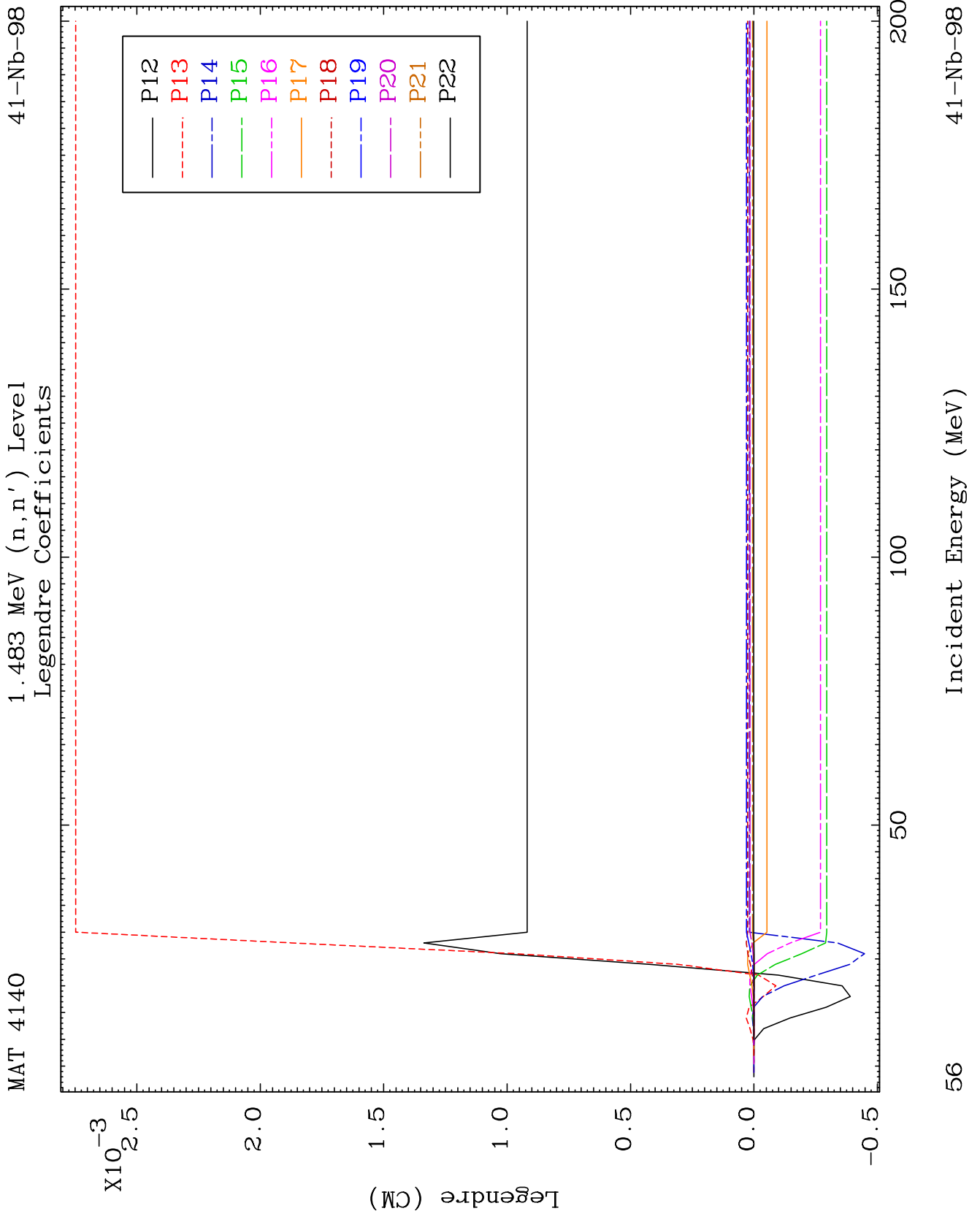


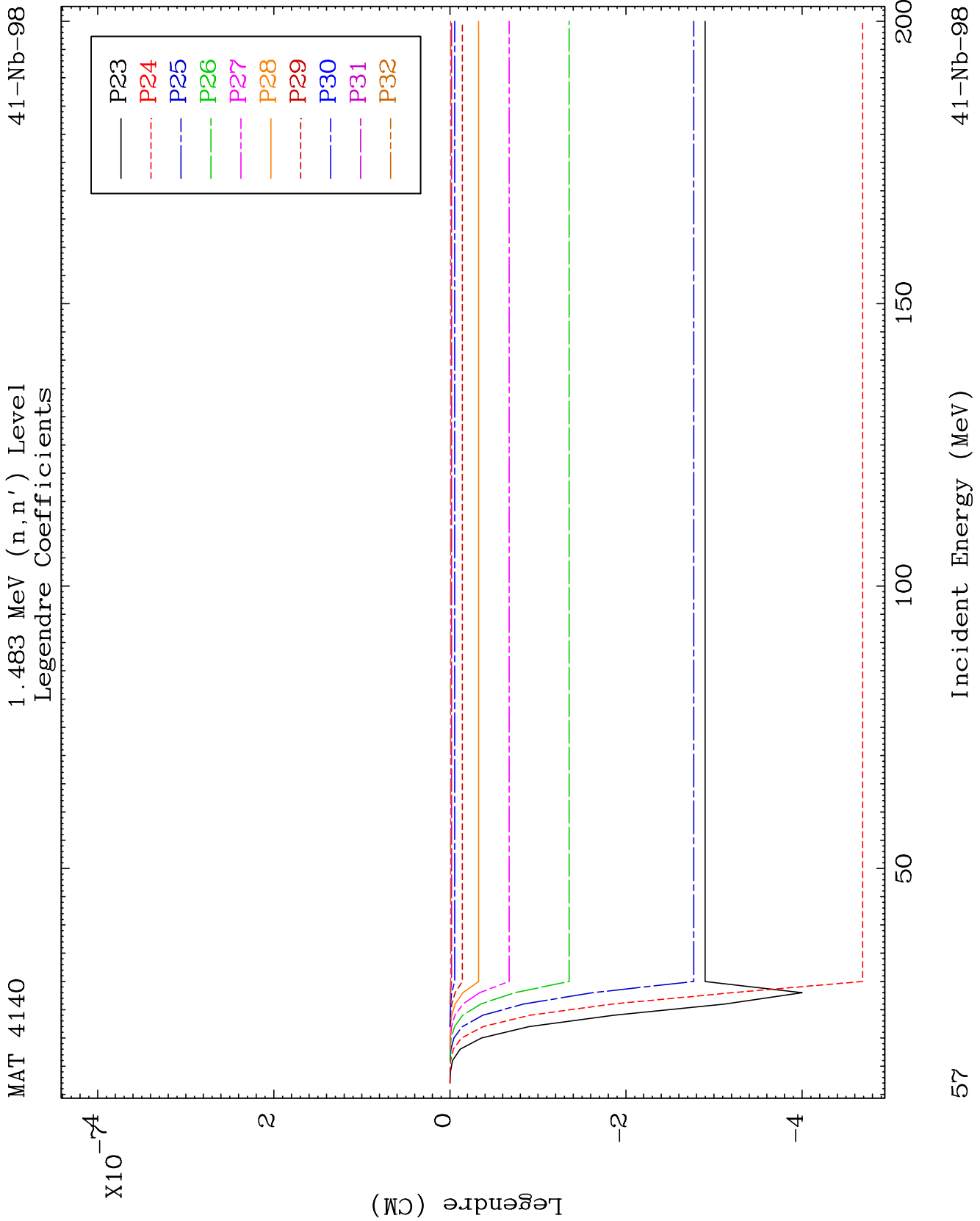
Incident Energy (MeV)

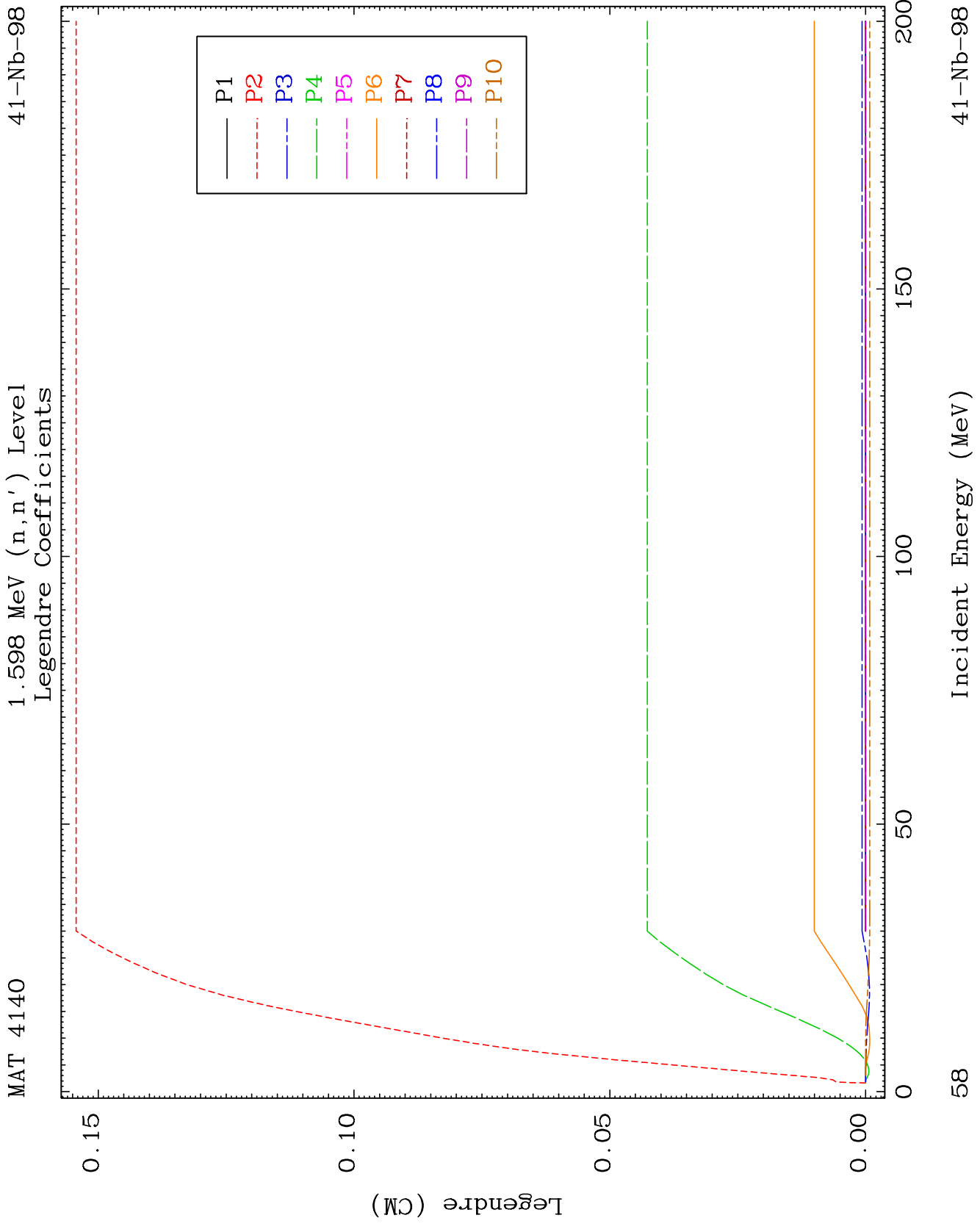
41-Nb-98

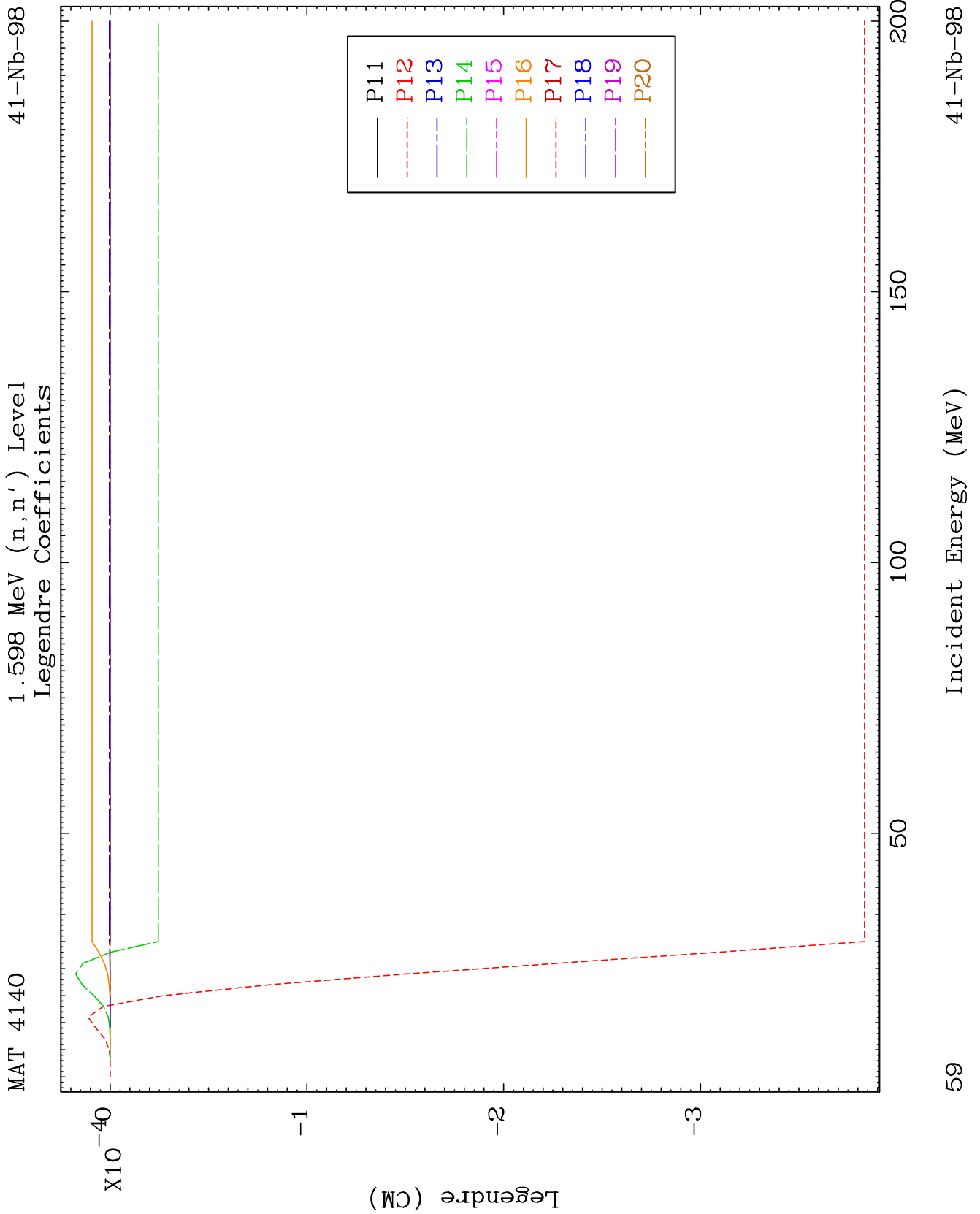
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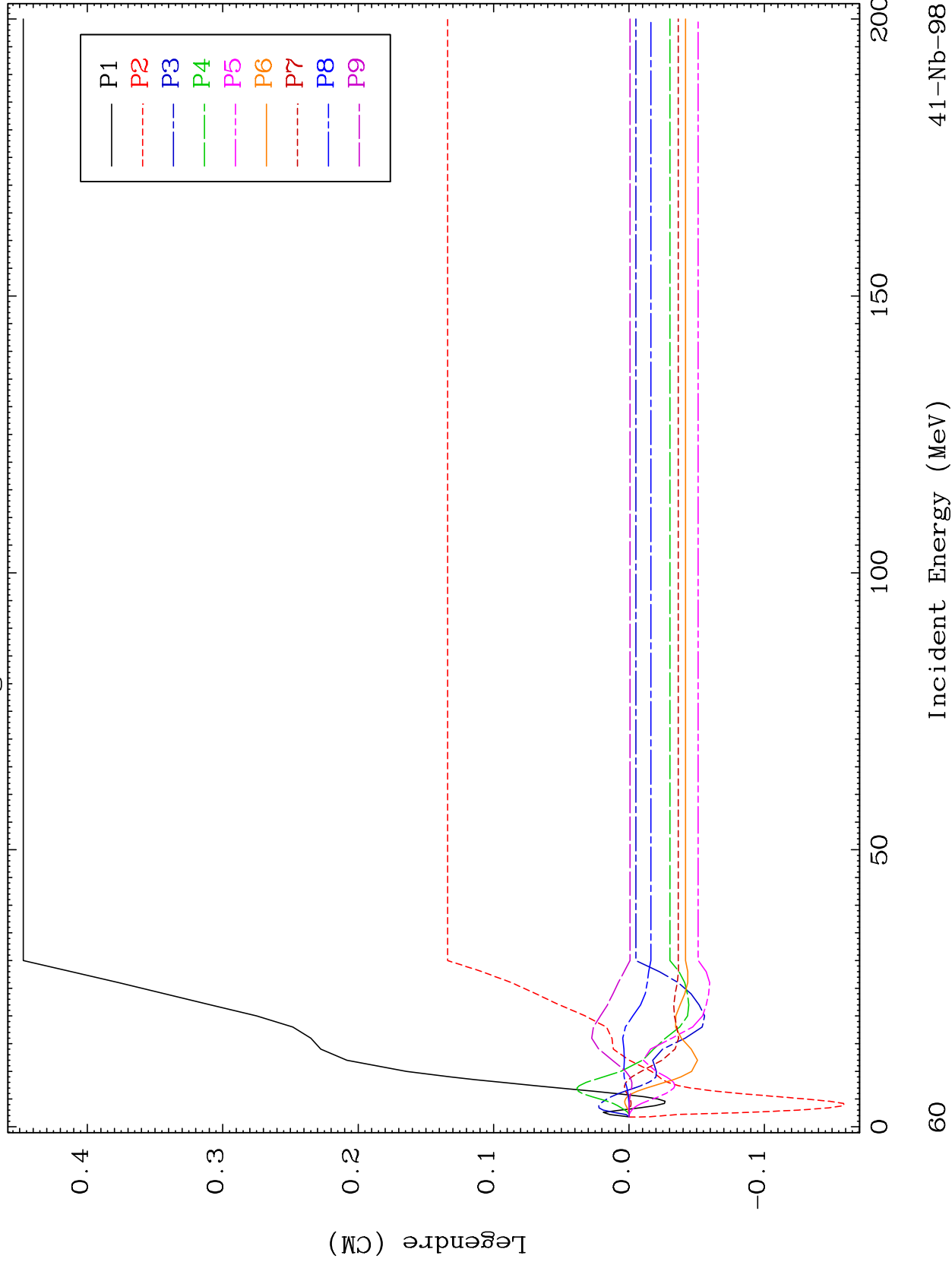




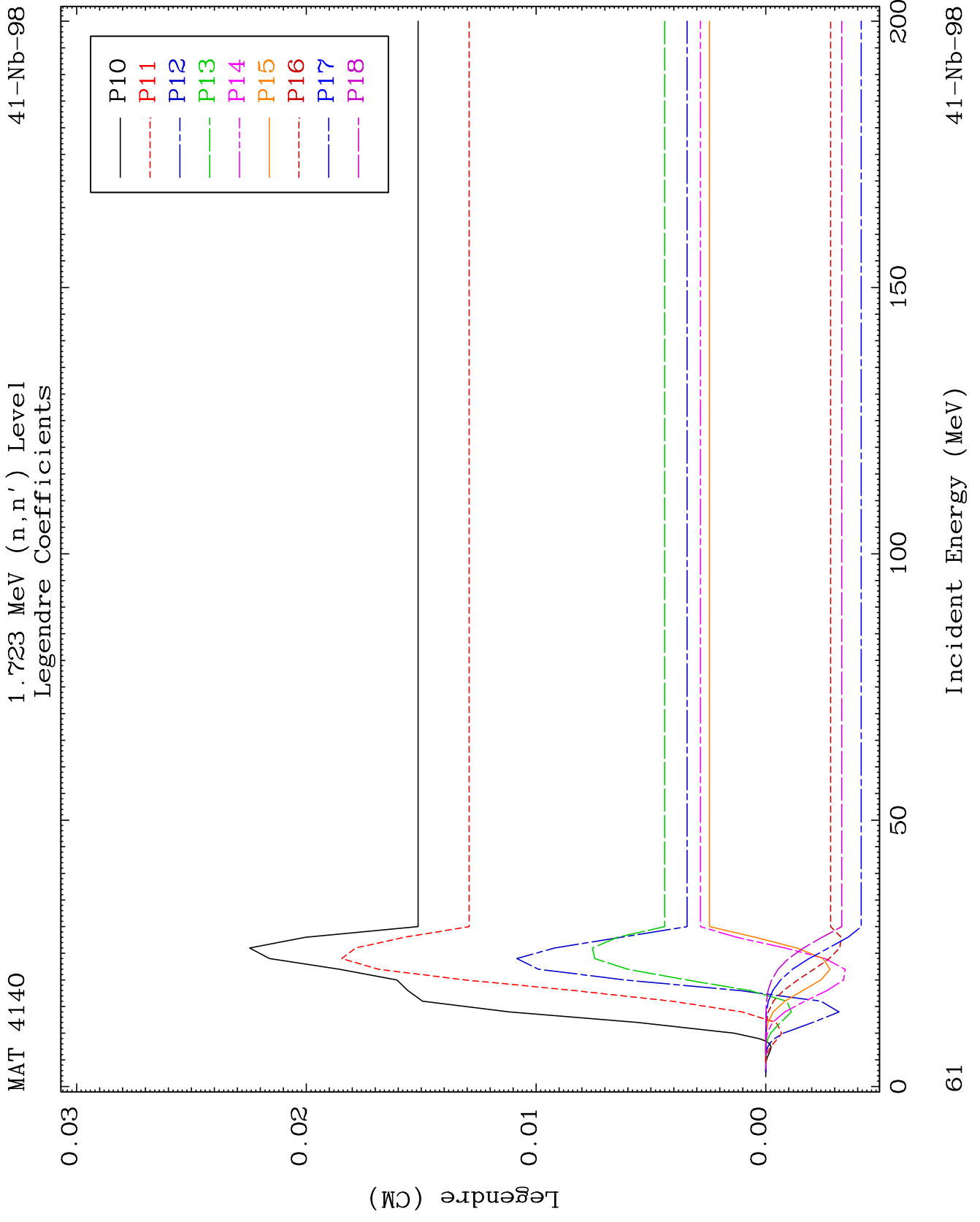
MAT 4140

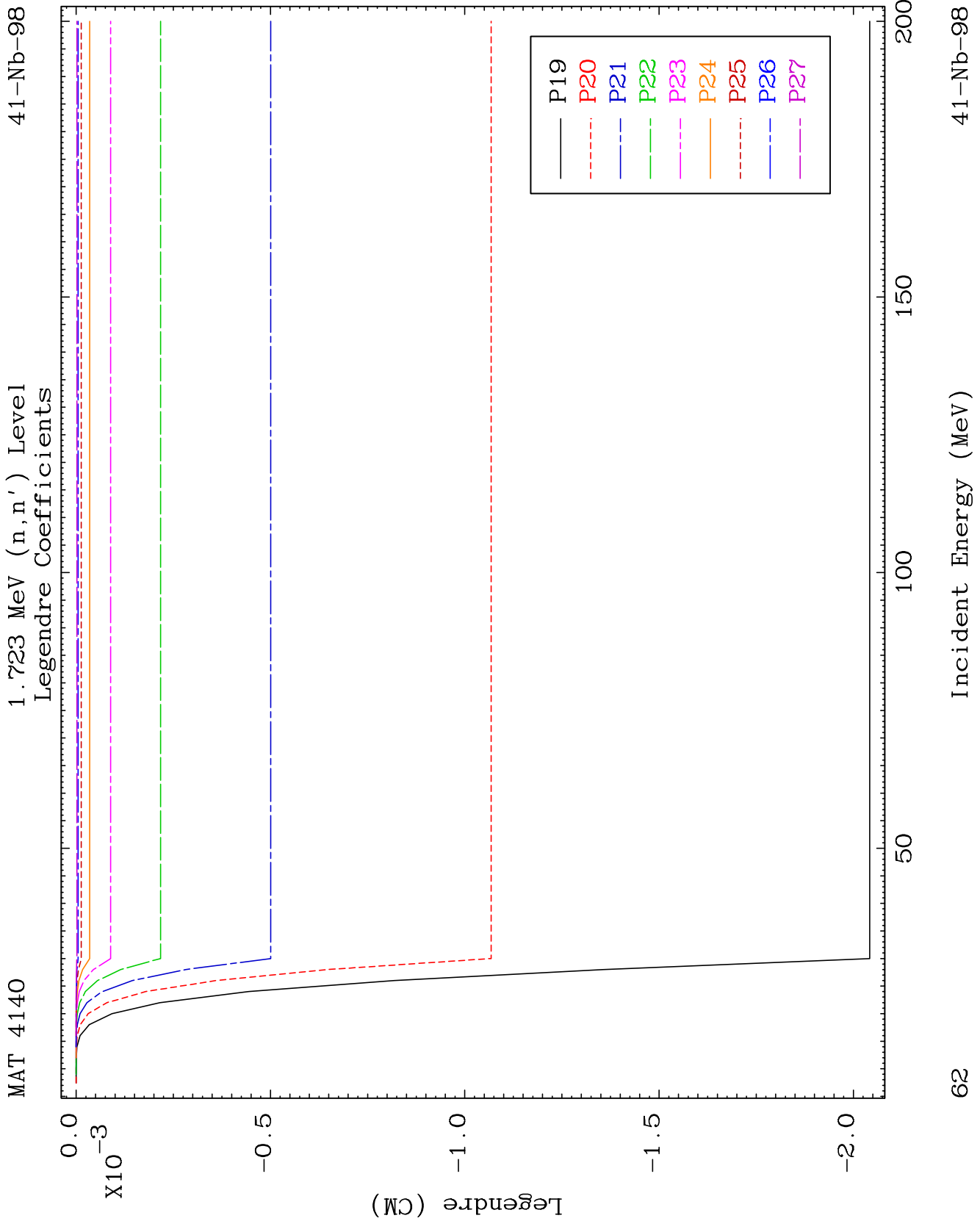
1.723 MeV (n,n') Level  
Legendre Coefficients

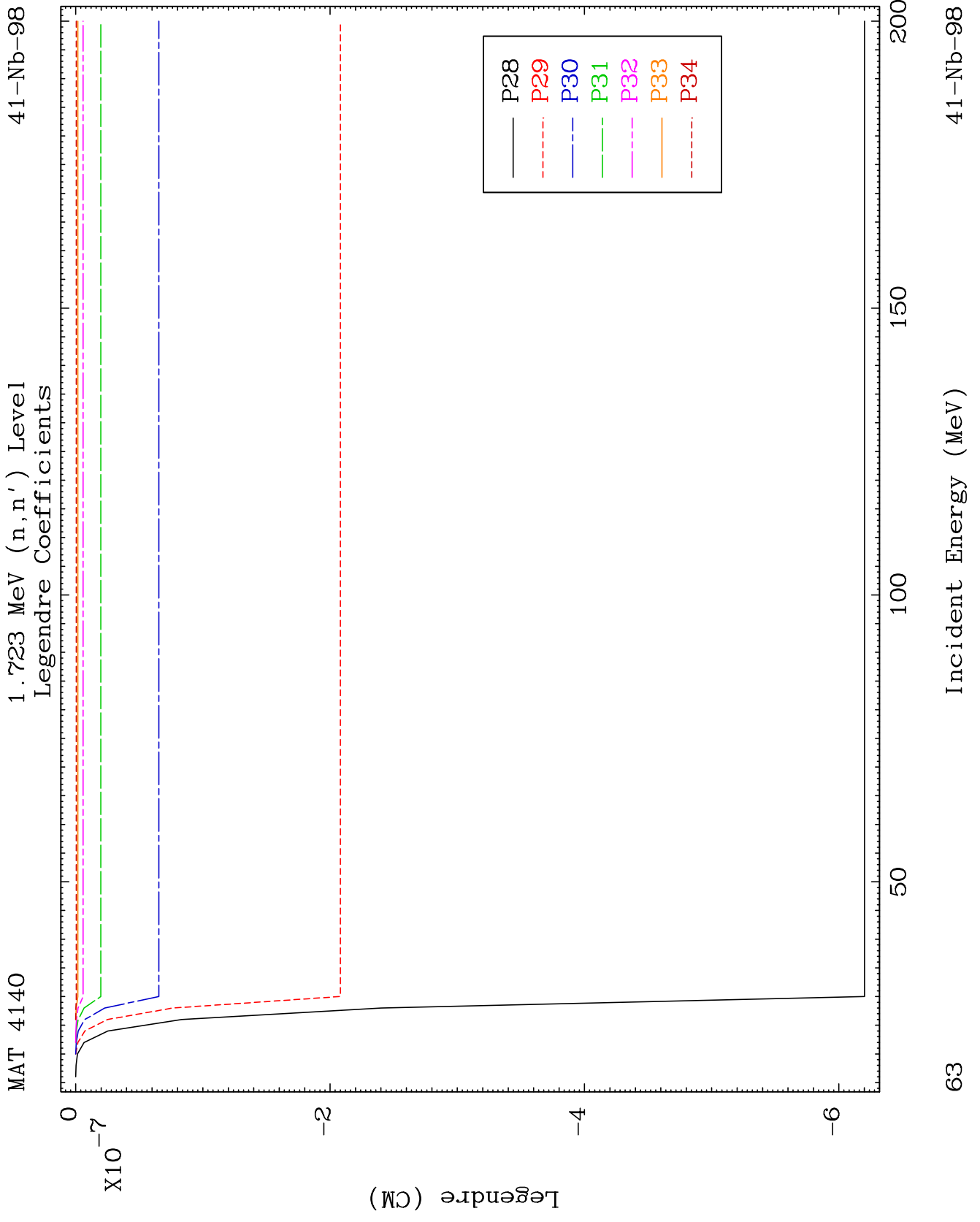
41-Nb-98



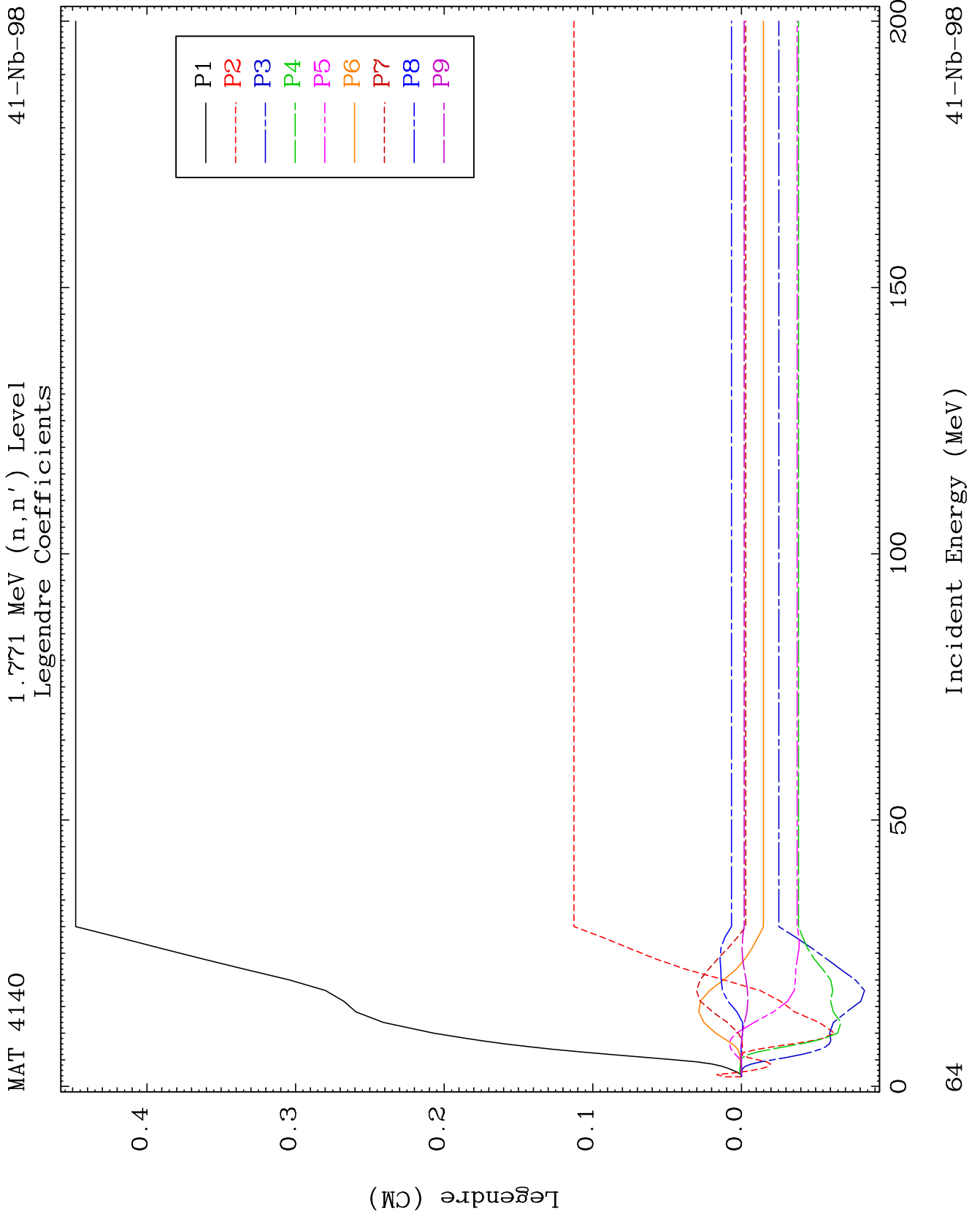
41-Nb-98

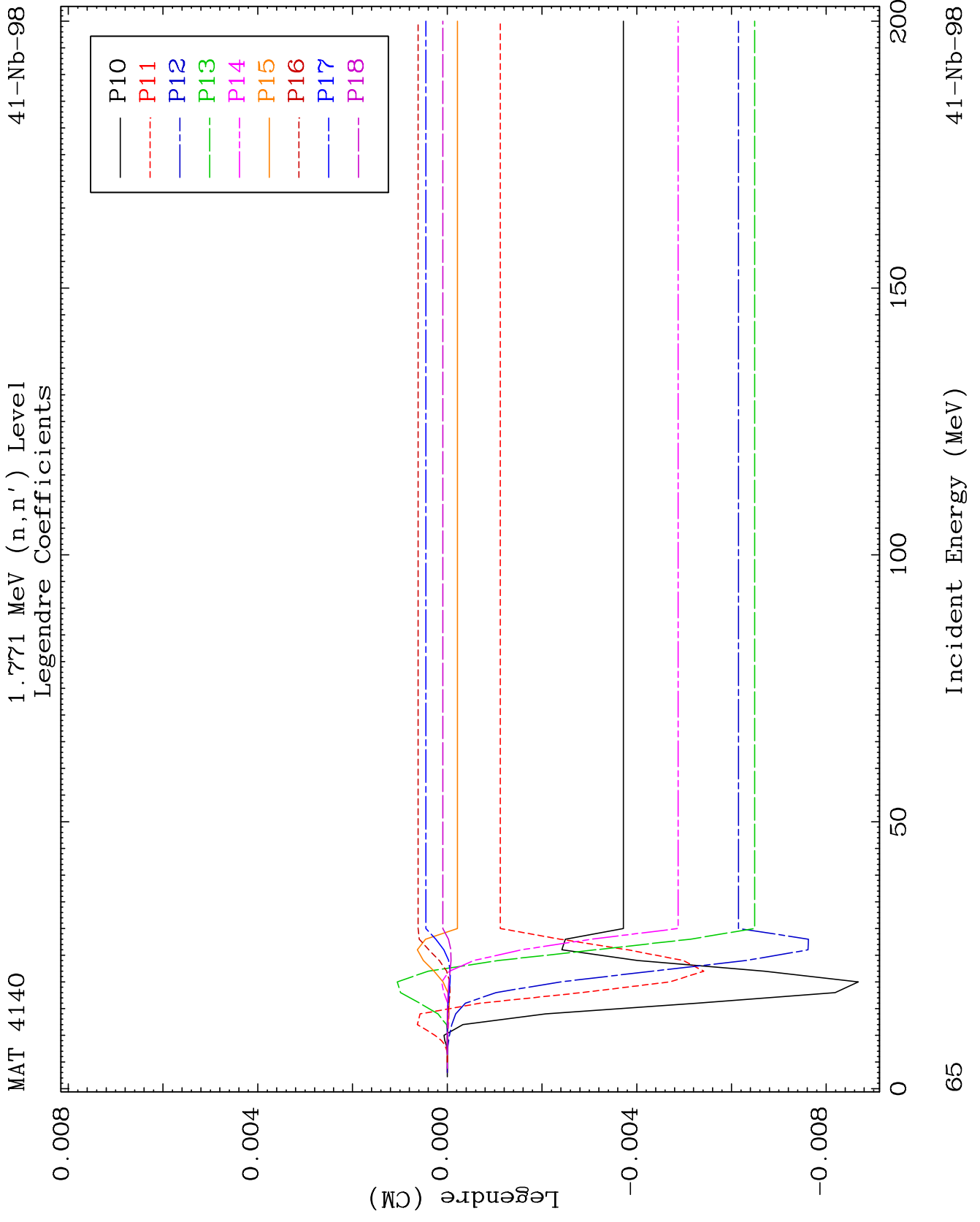


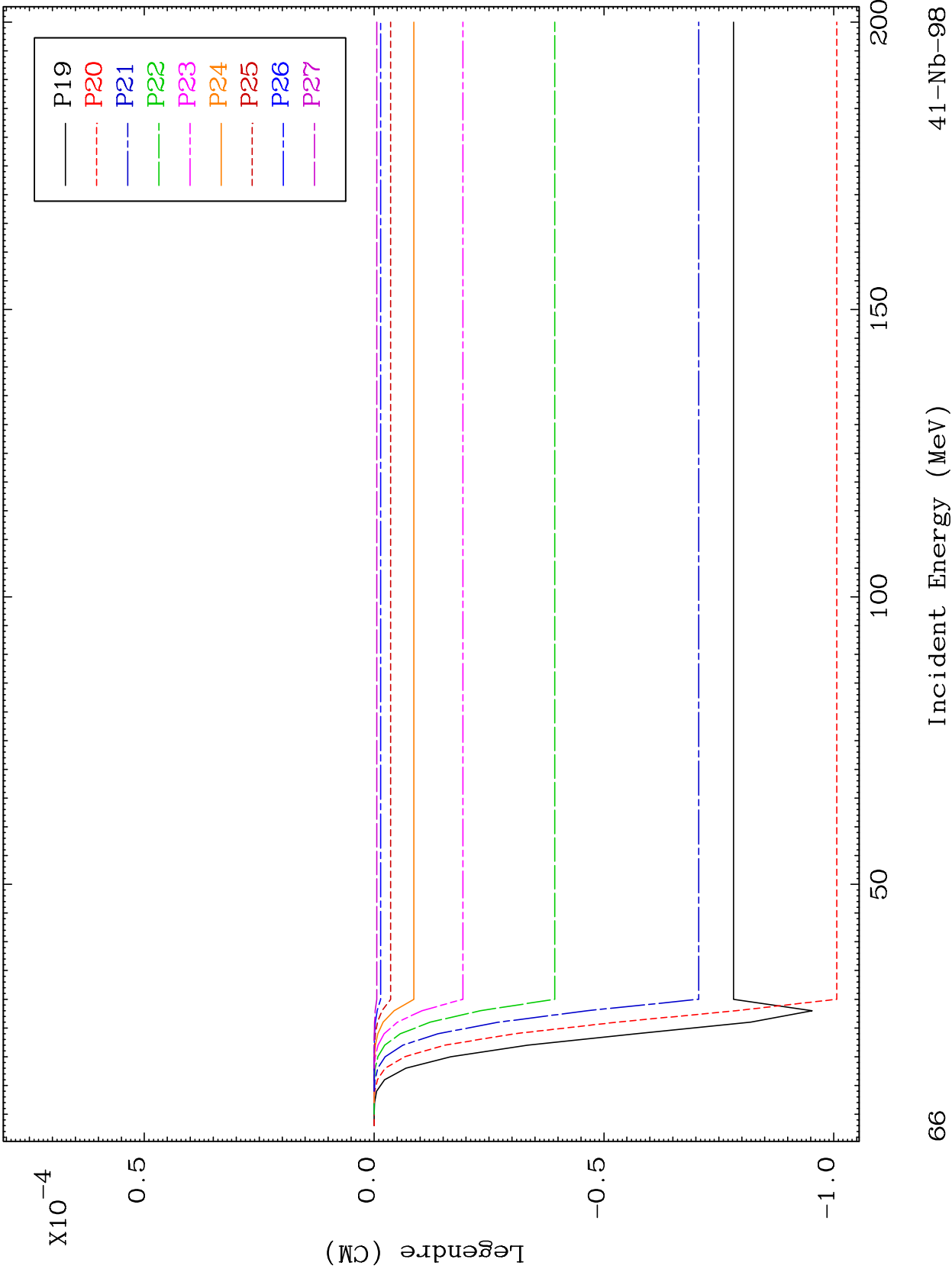


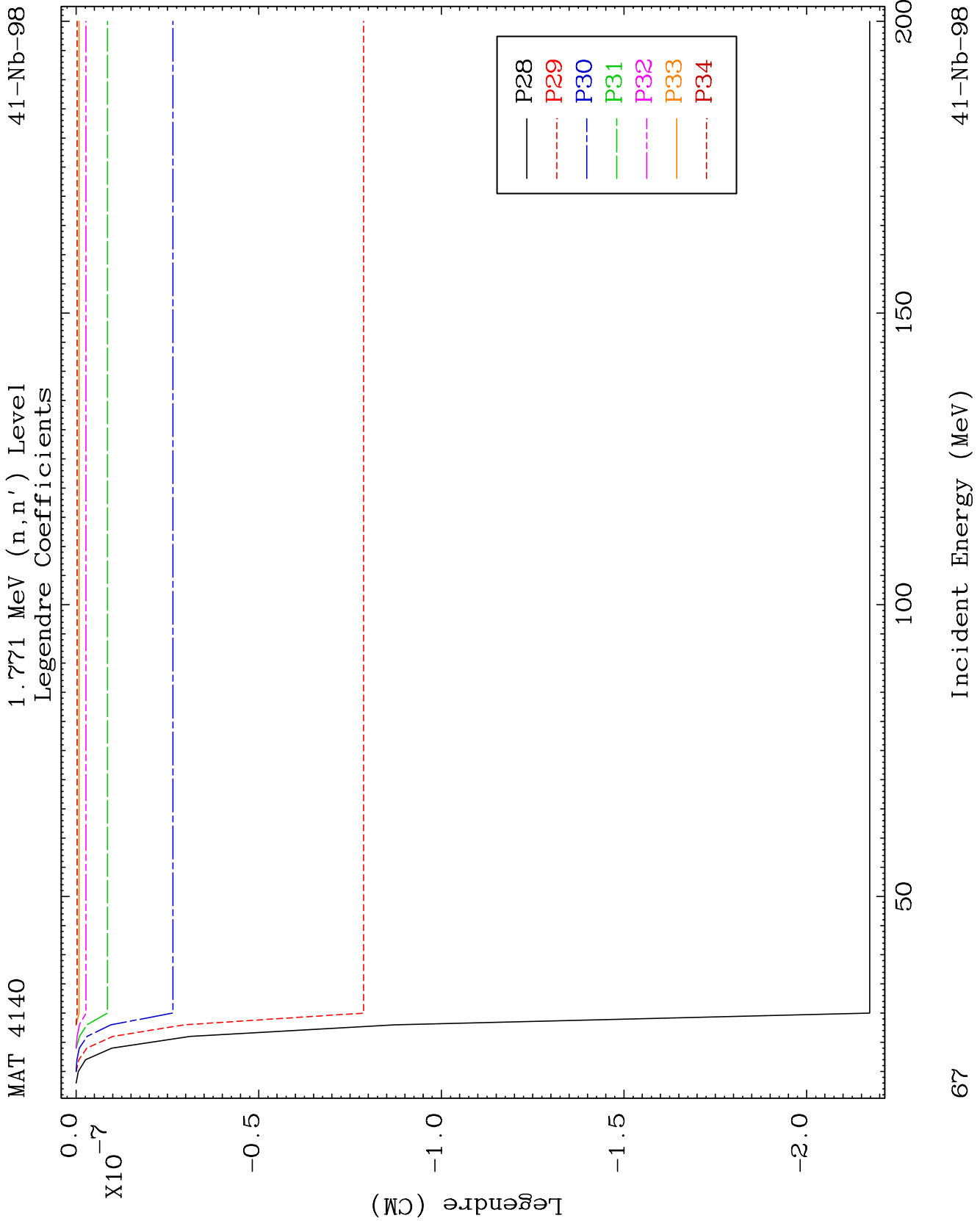




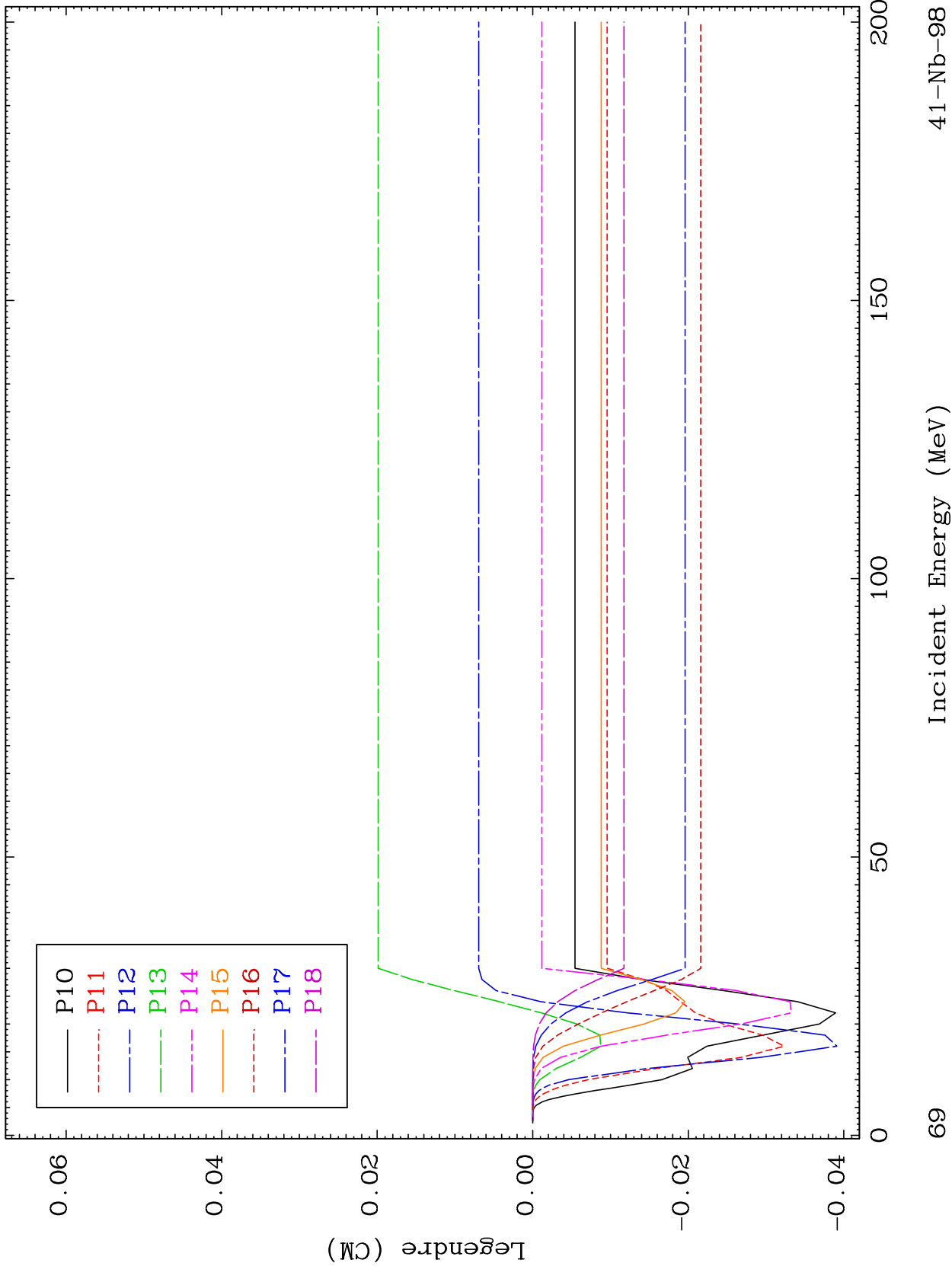


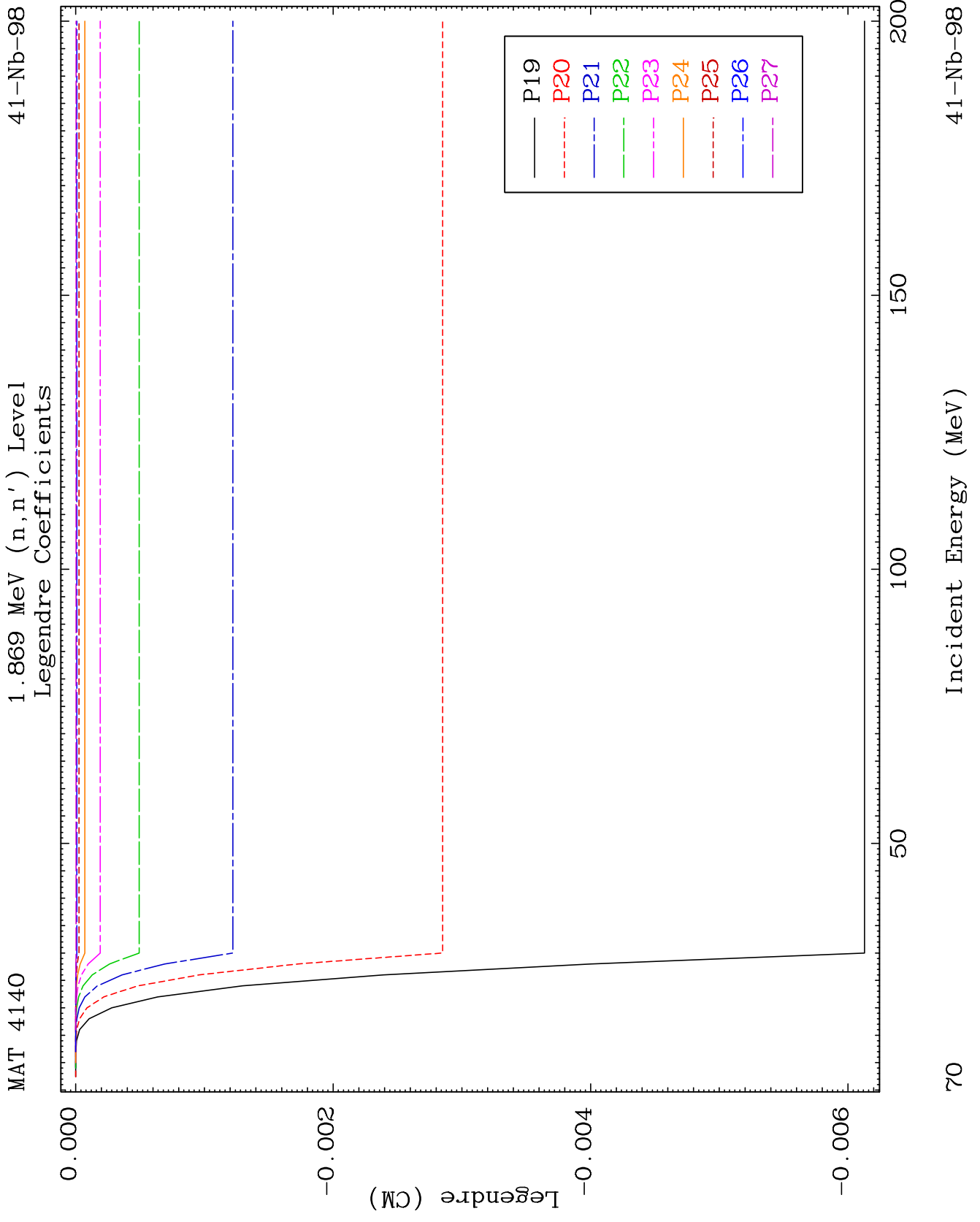


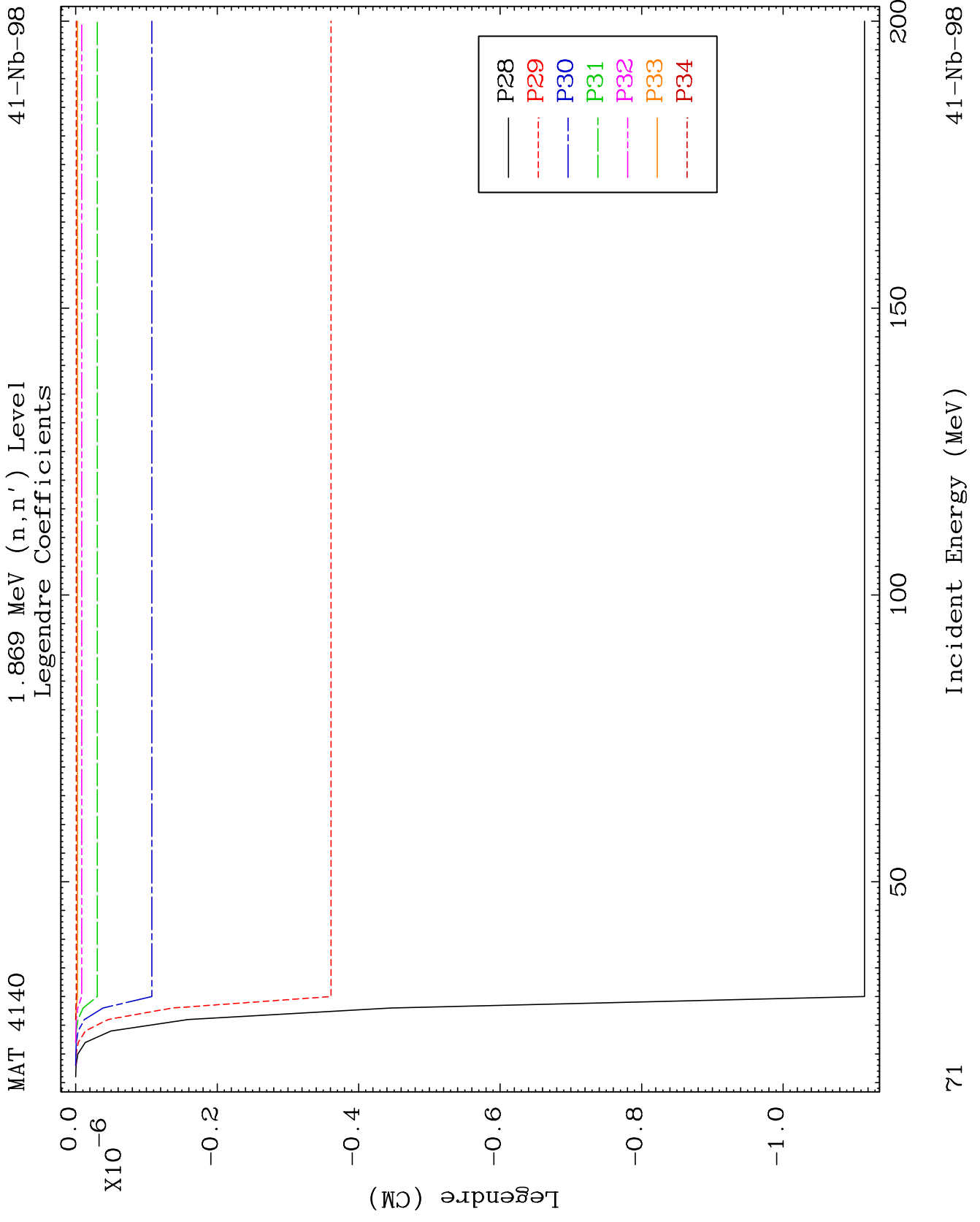




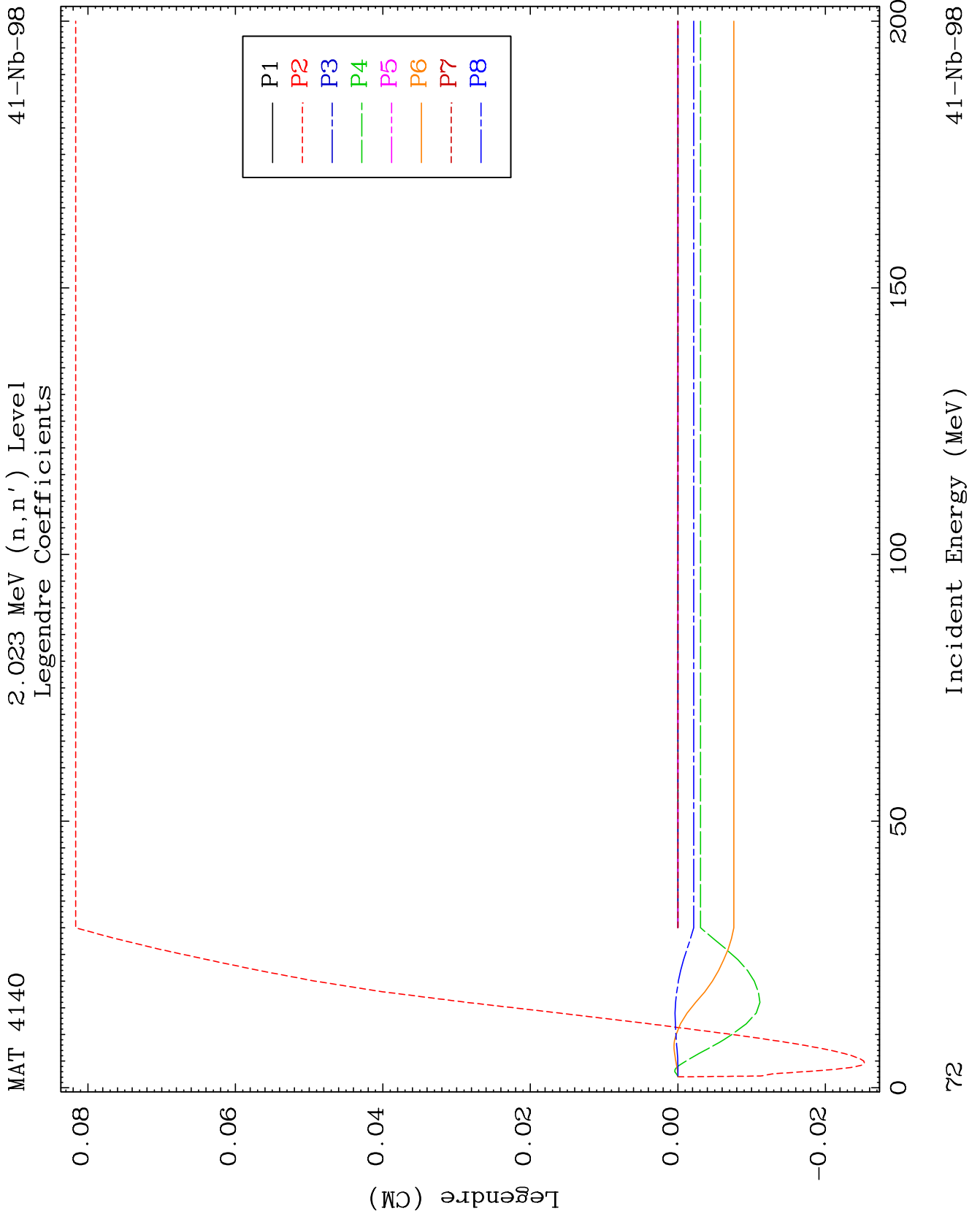


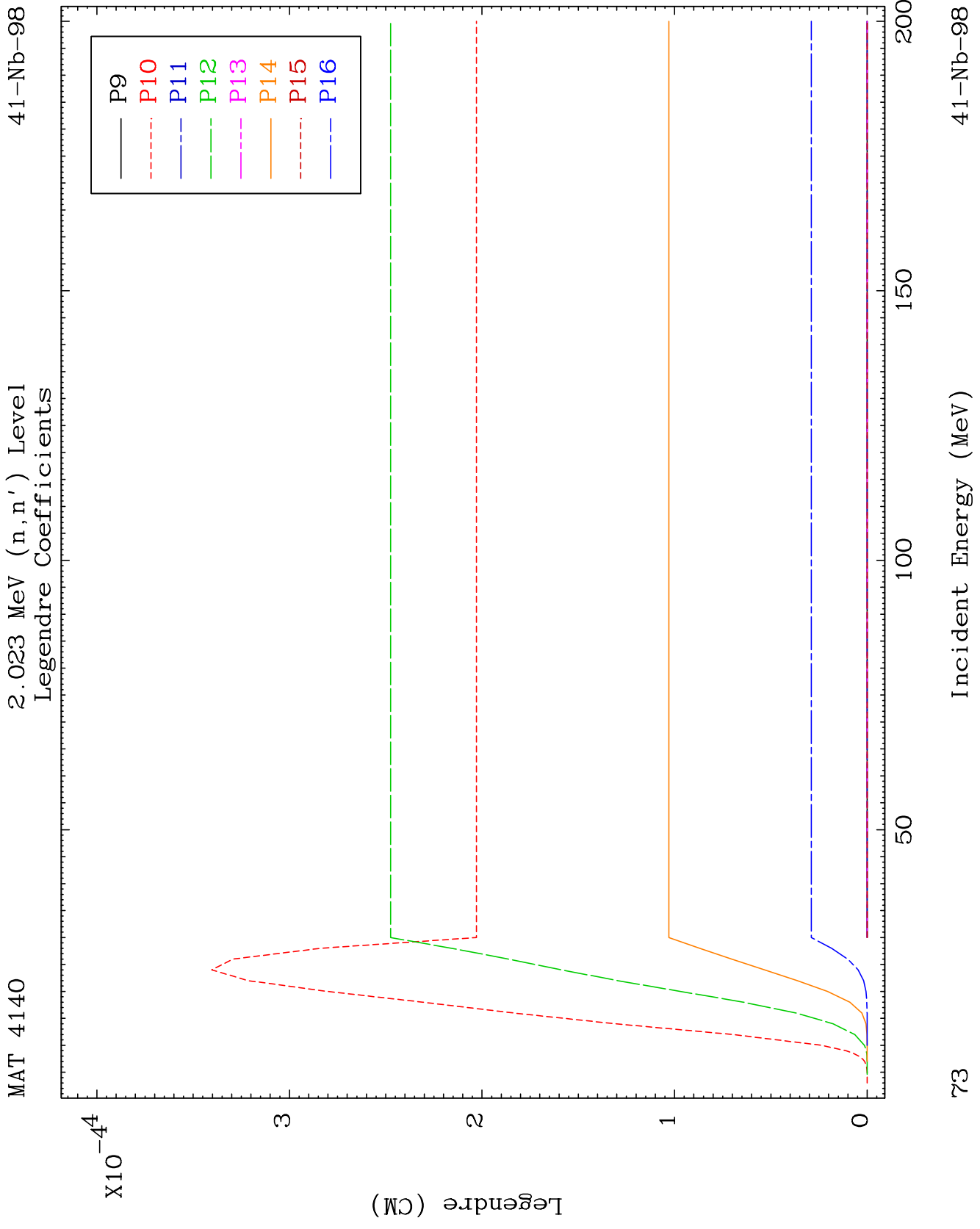


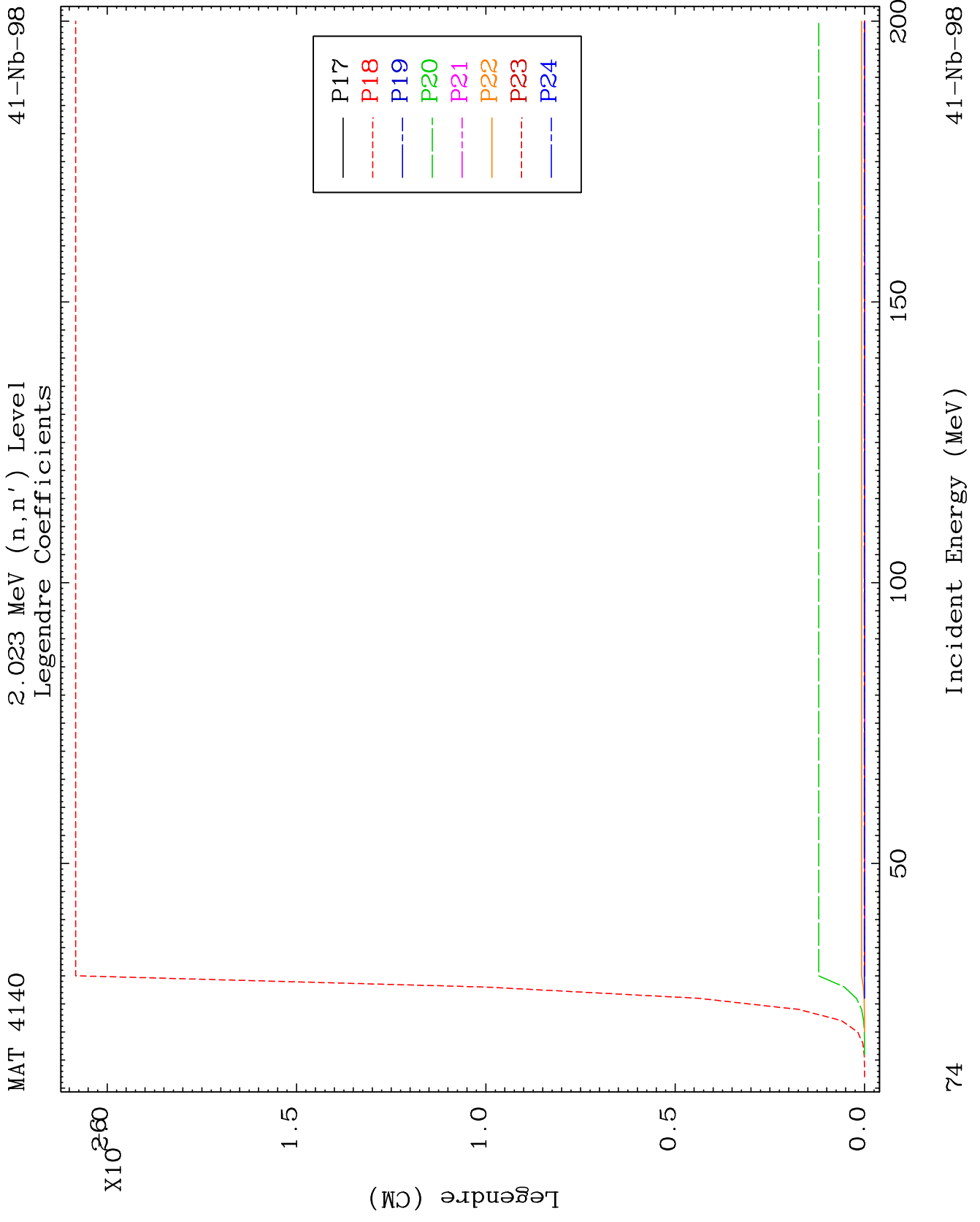


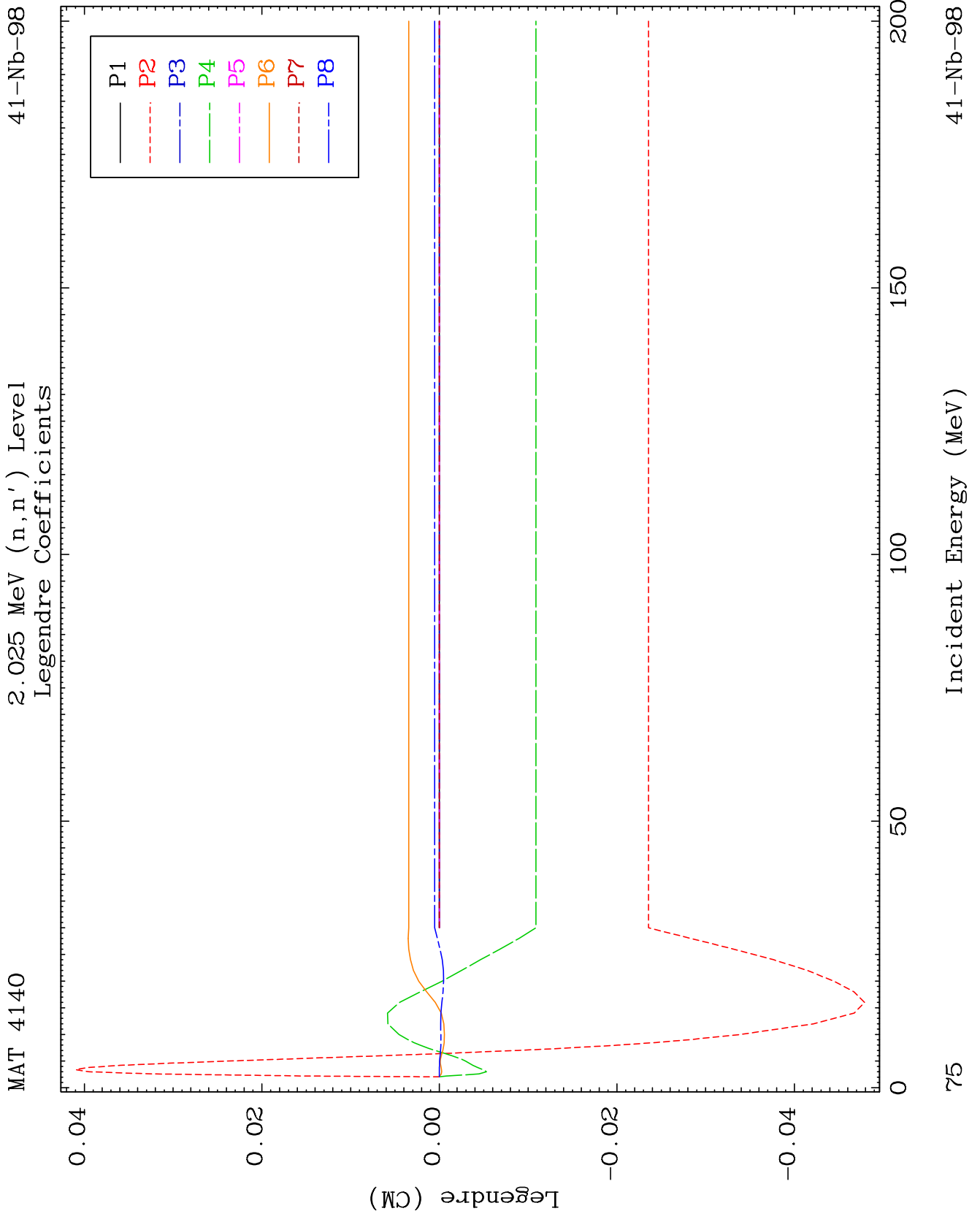


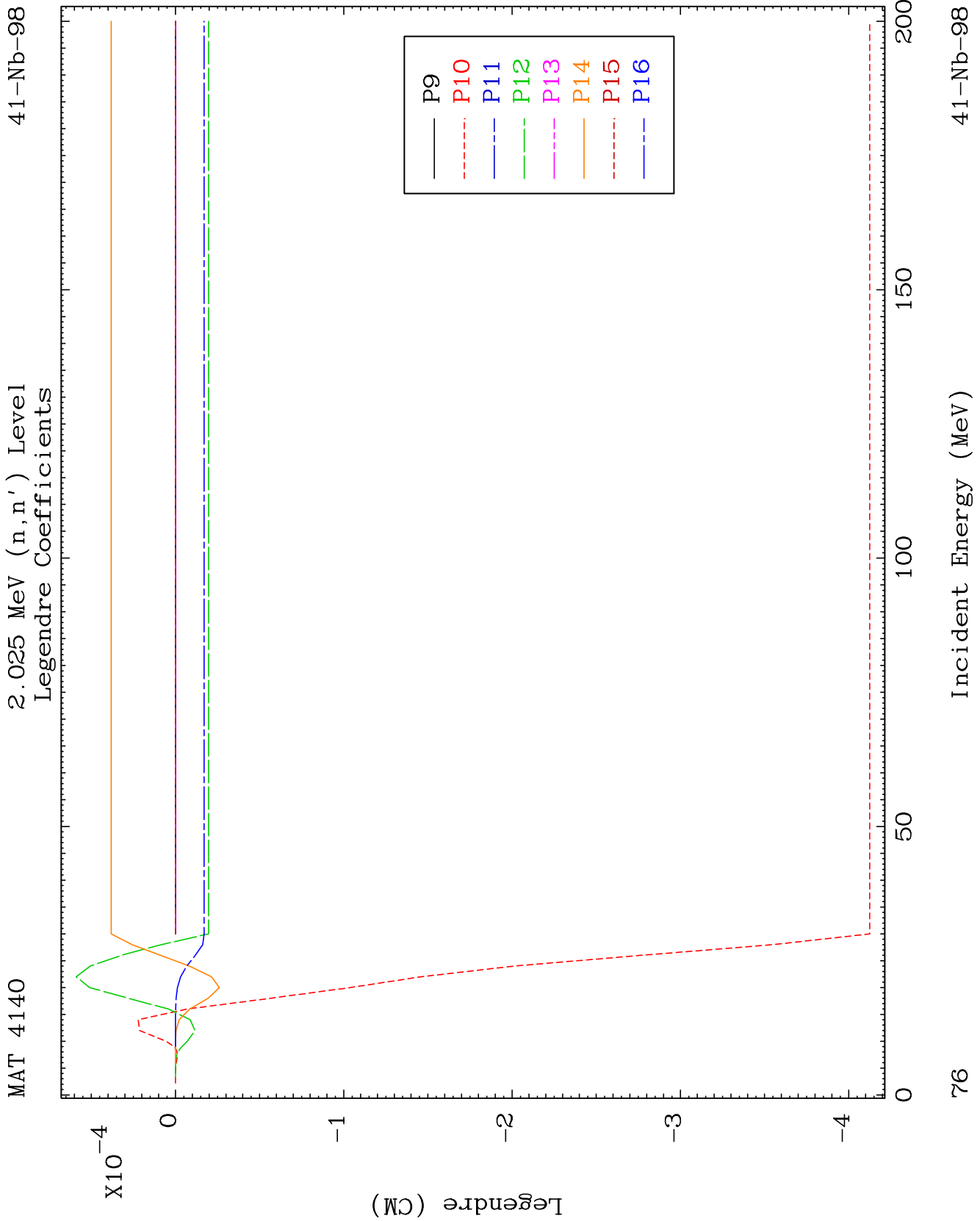


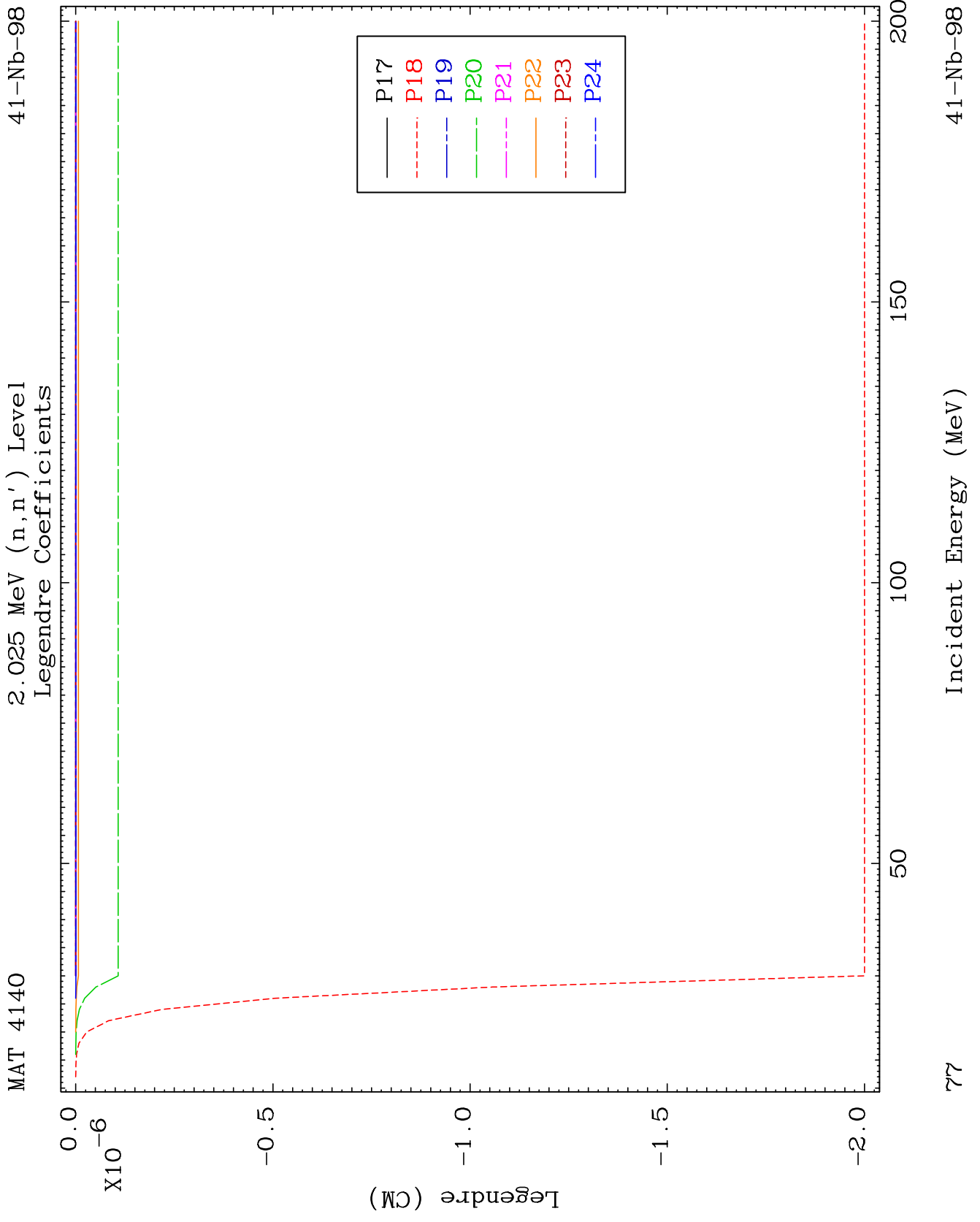










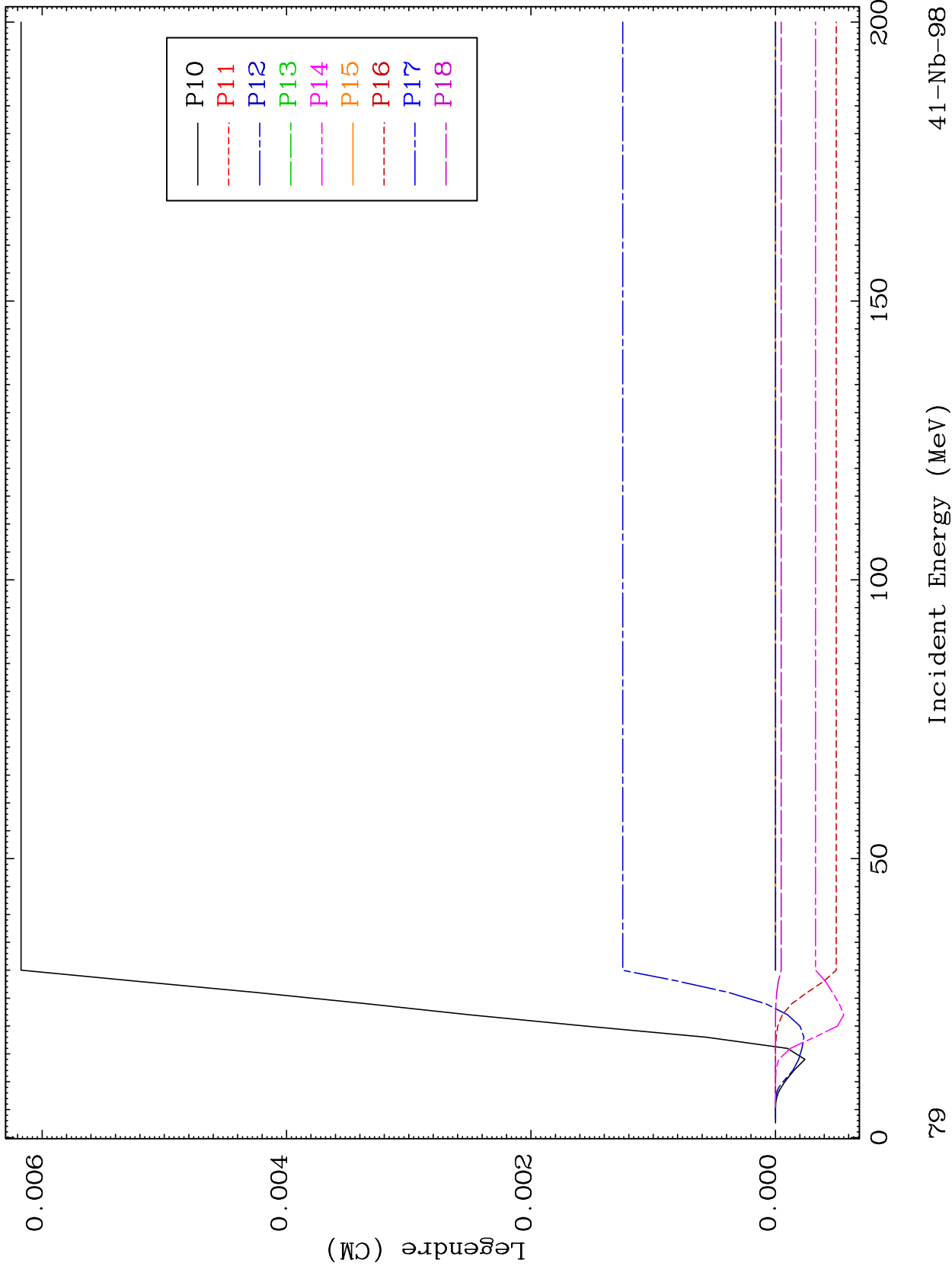




MAT 4140

2.026 MeV (n,n') Level  
Legendre Coefficients

41-Nb-98

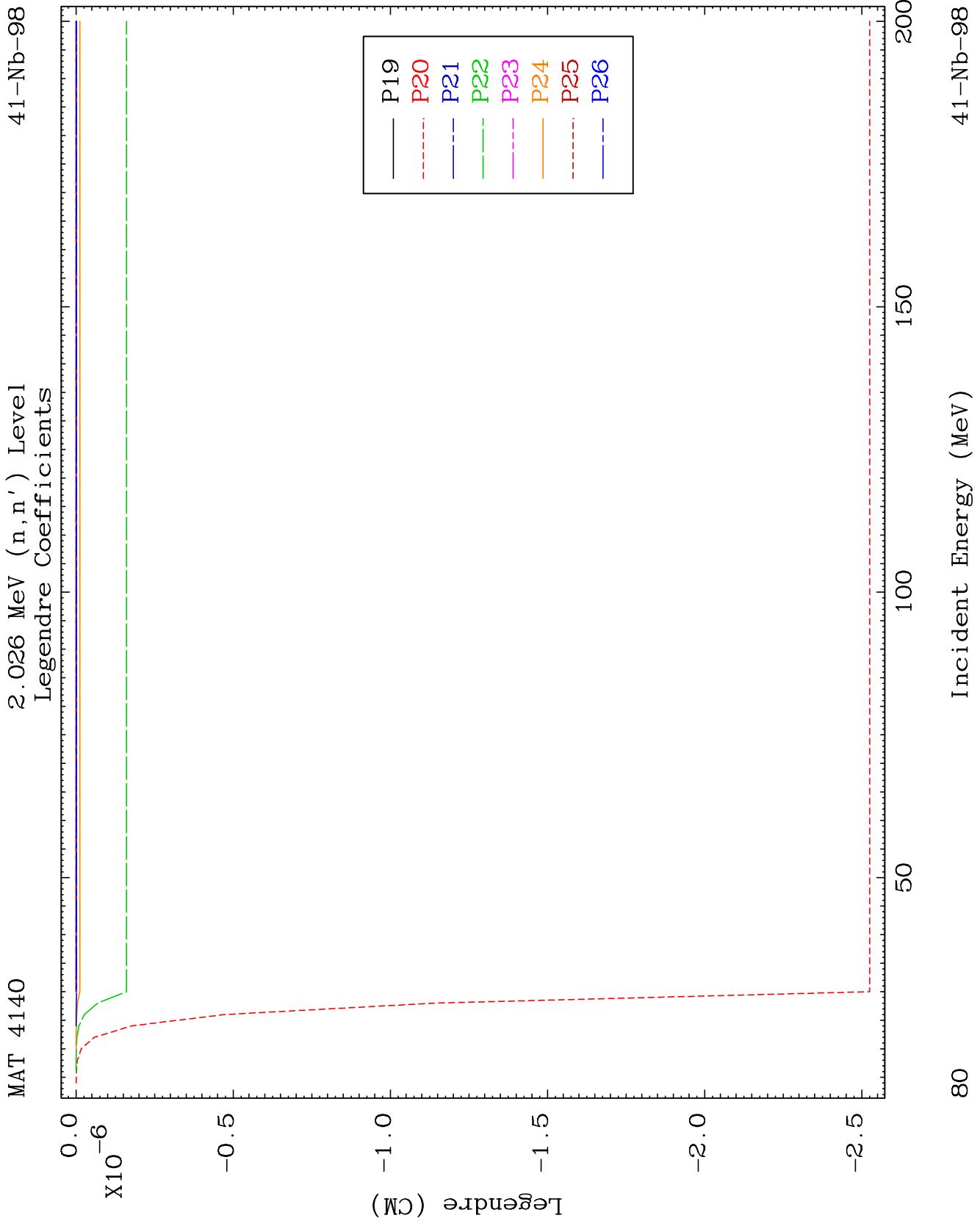


79

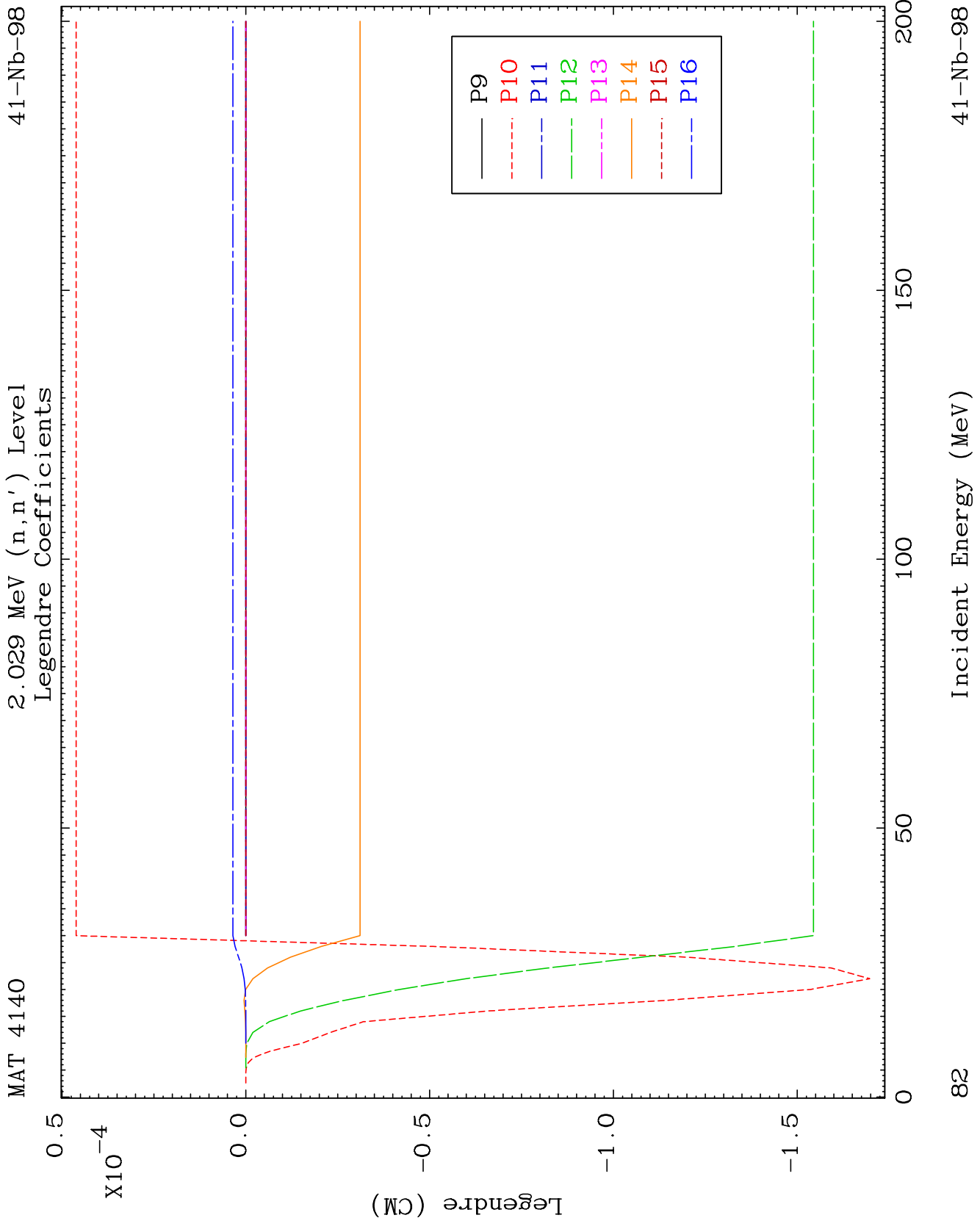
Incident Energy (MeV)

41-Nb-98

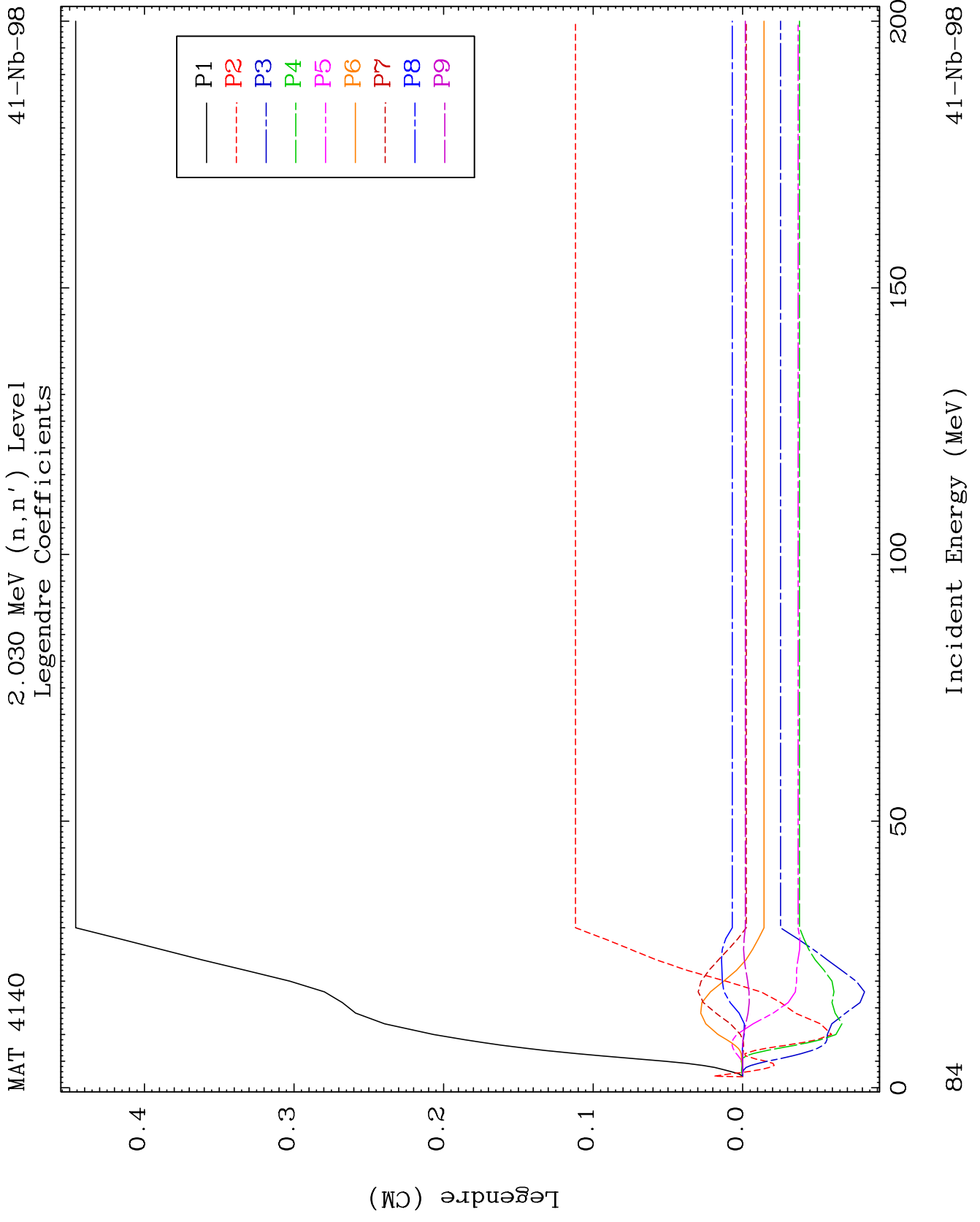


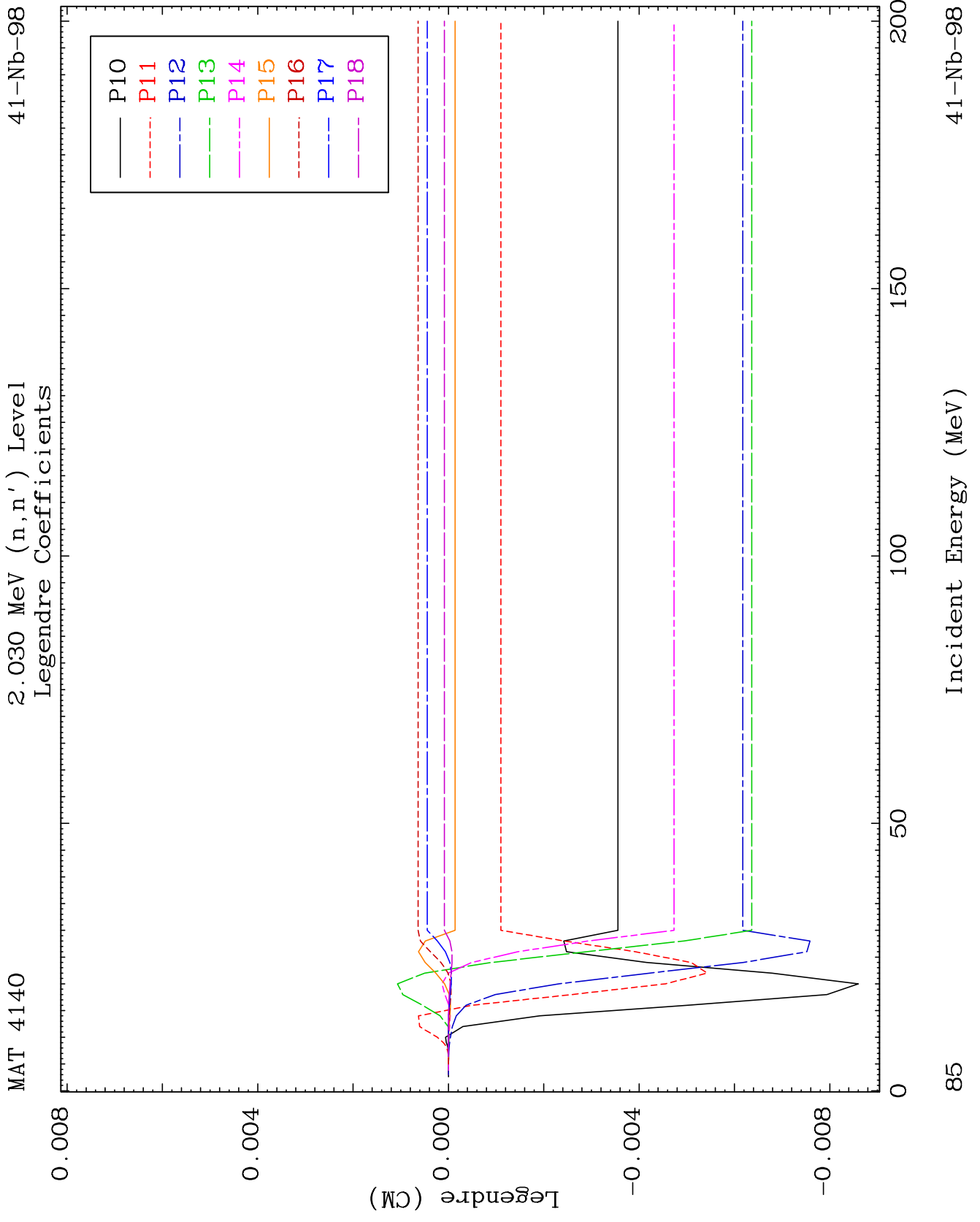


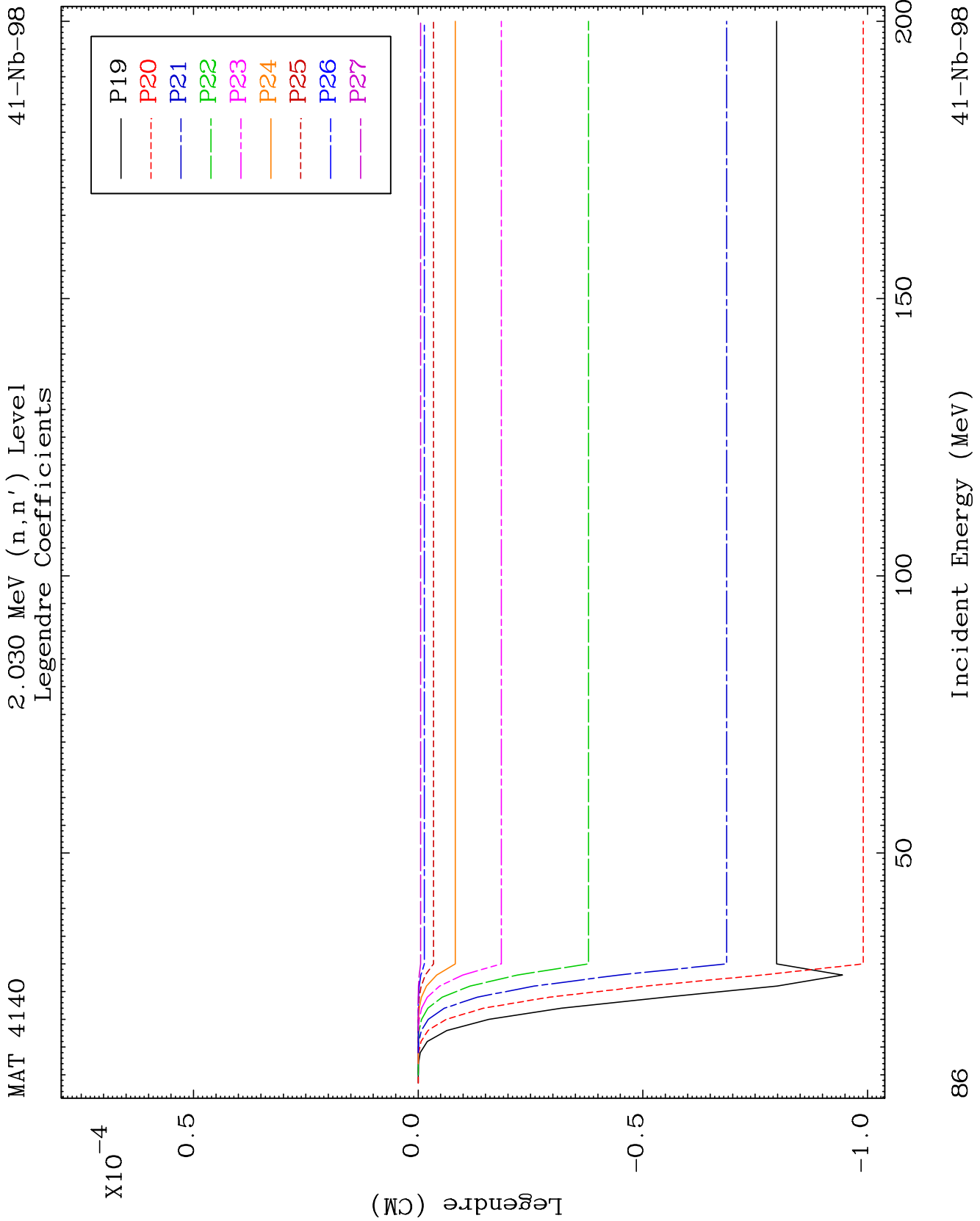


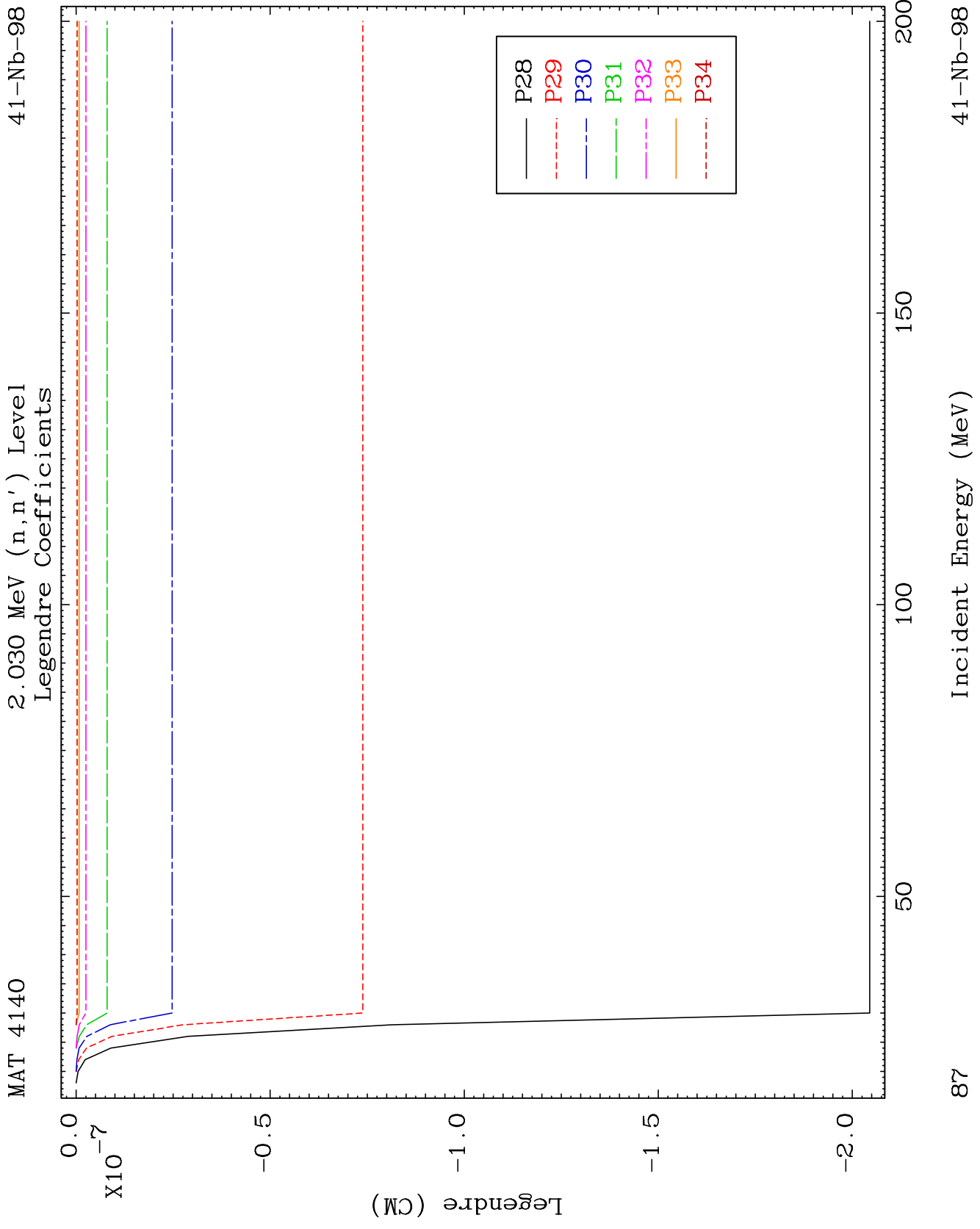




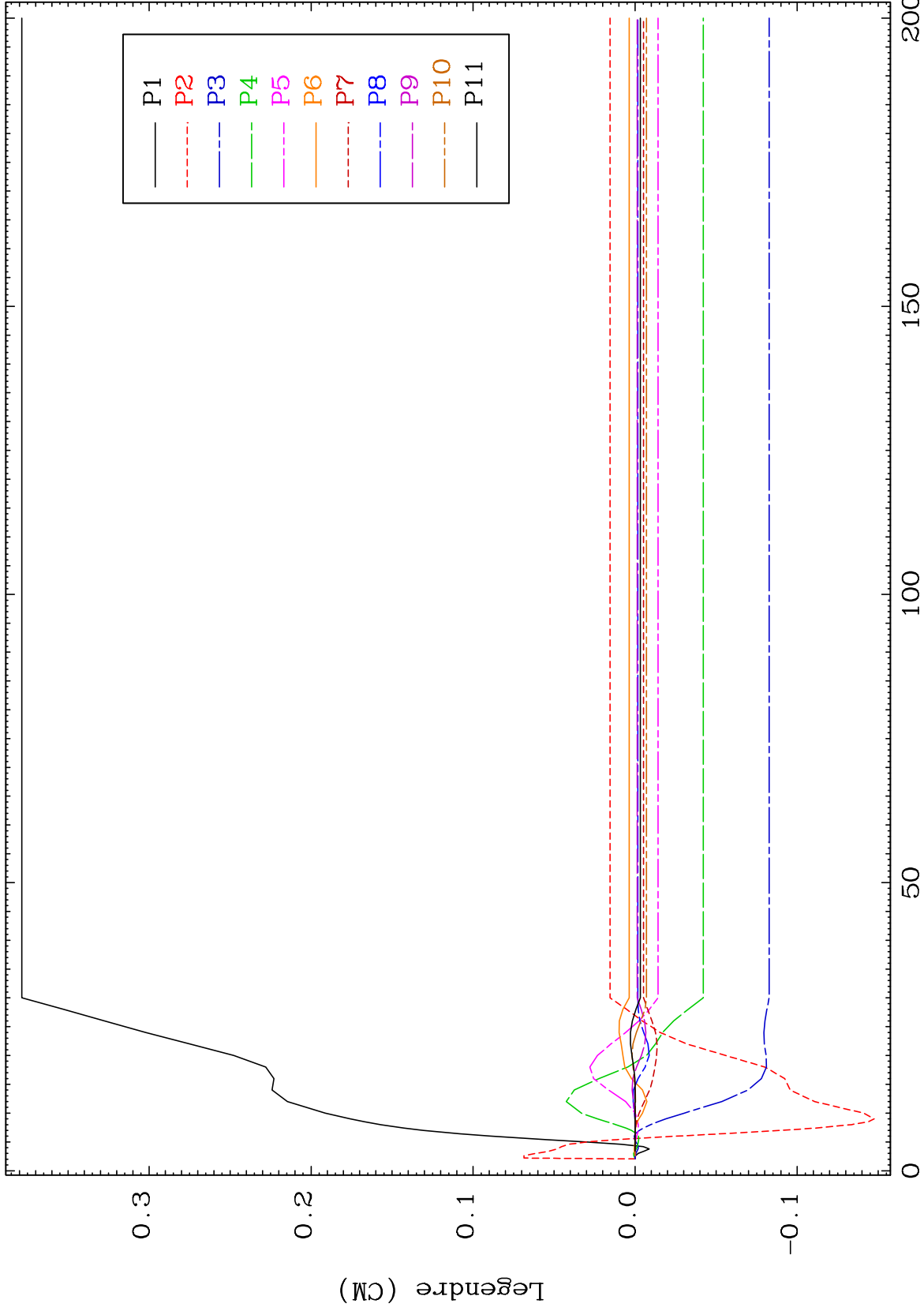


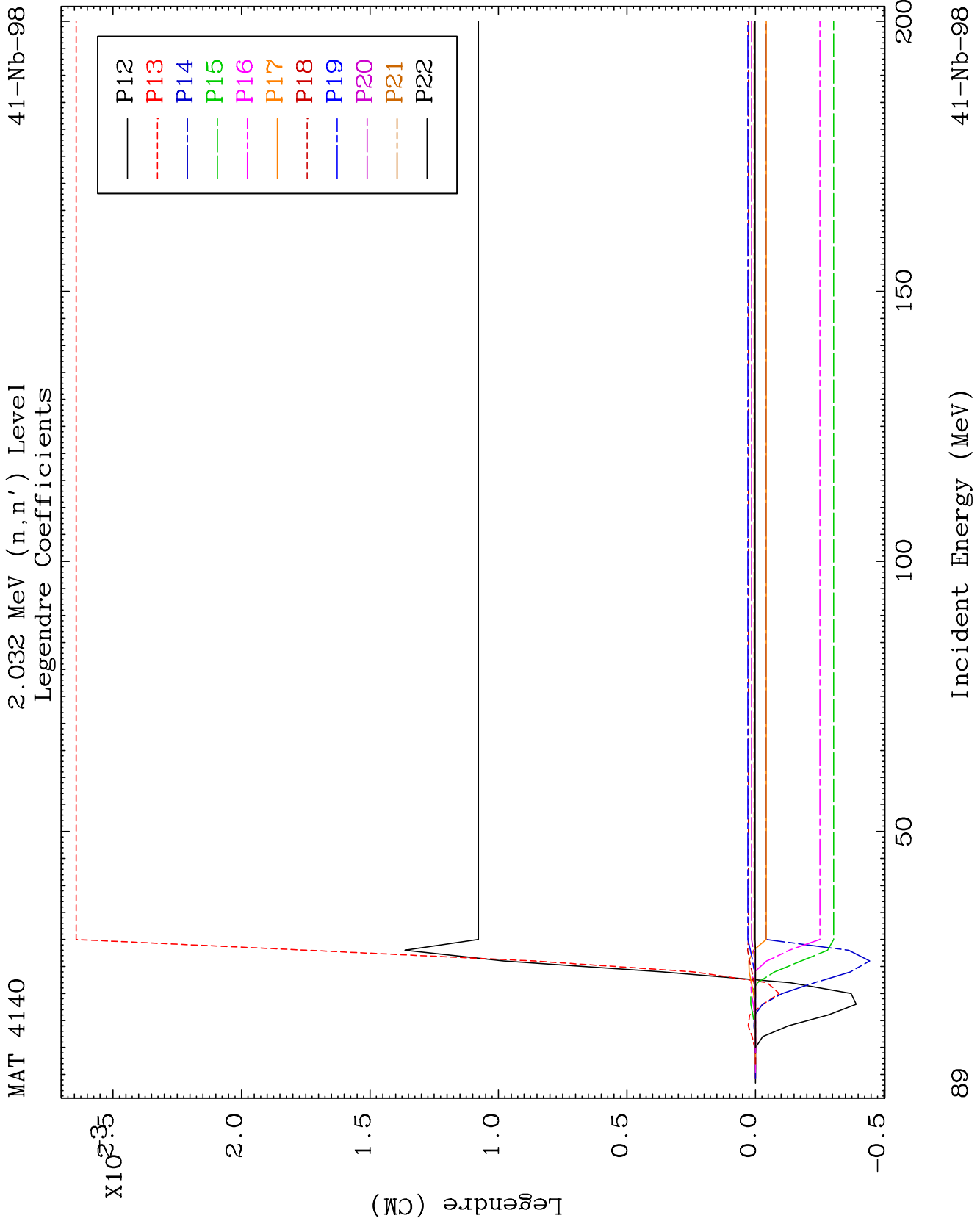


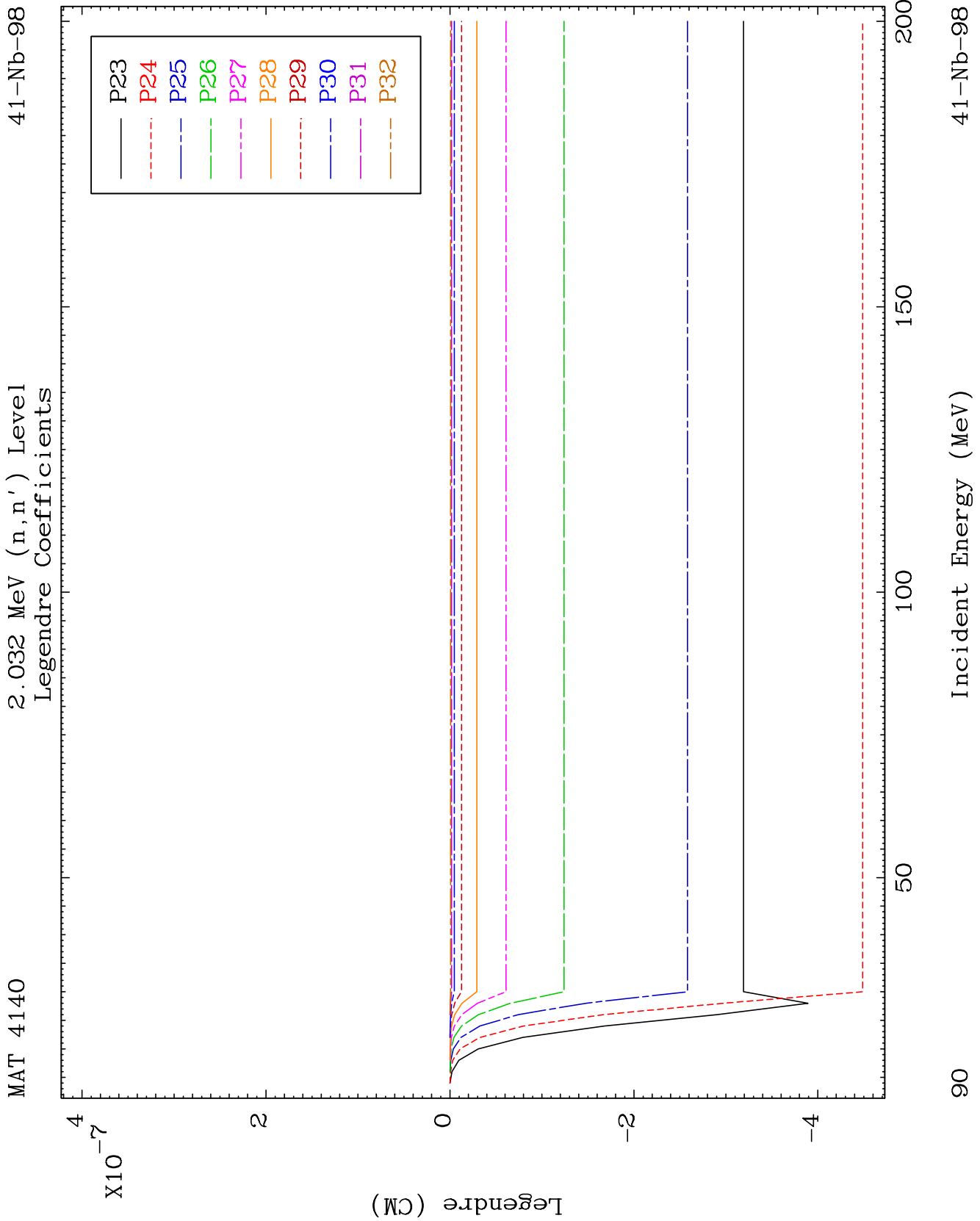


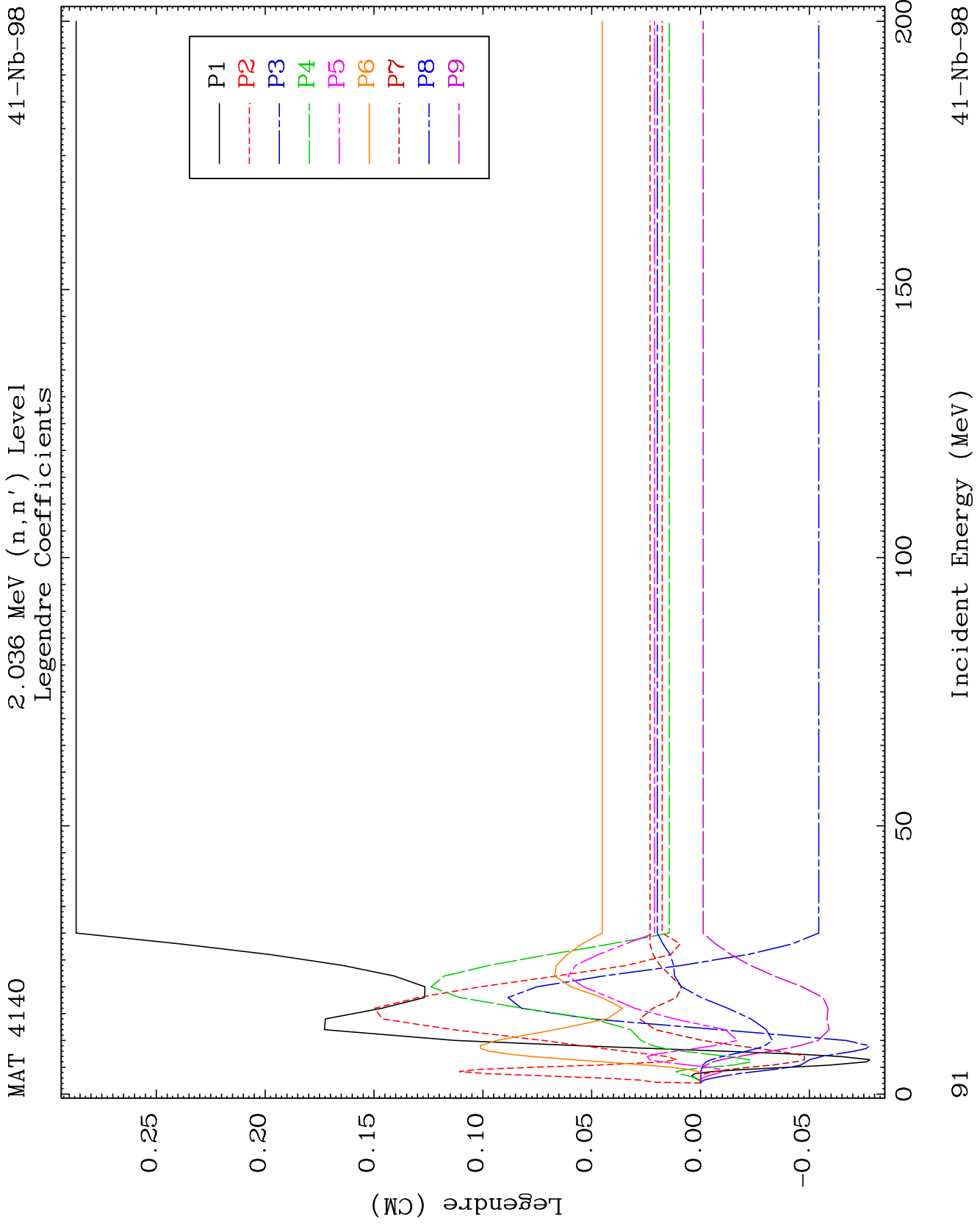








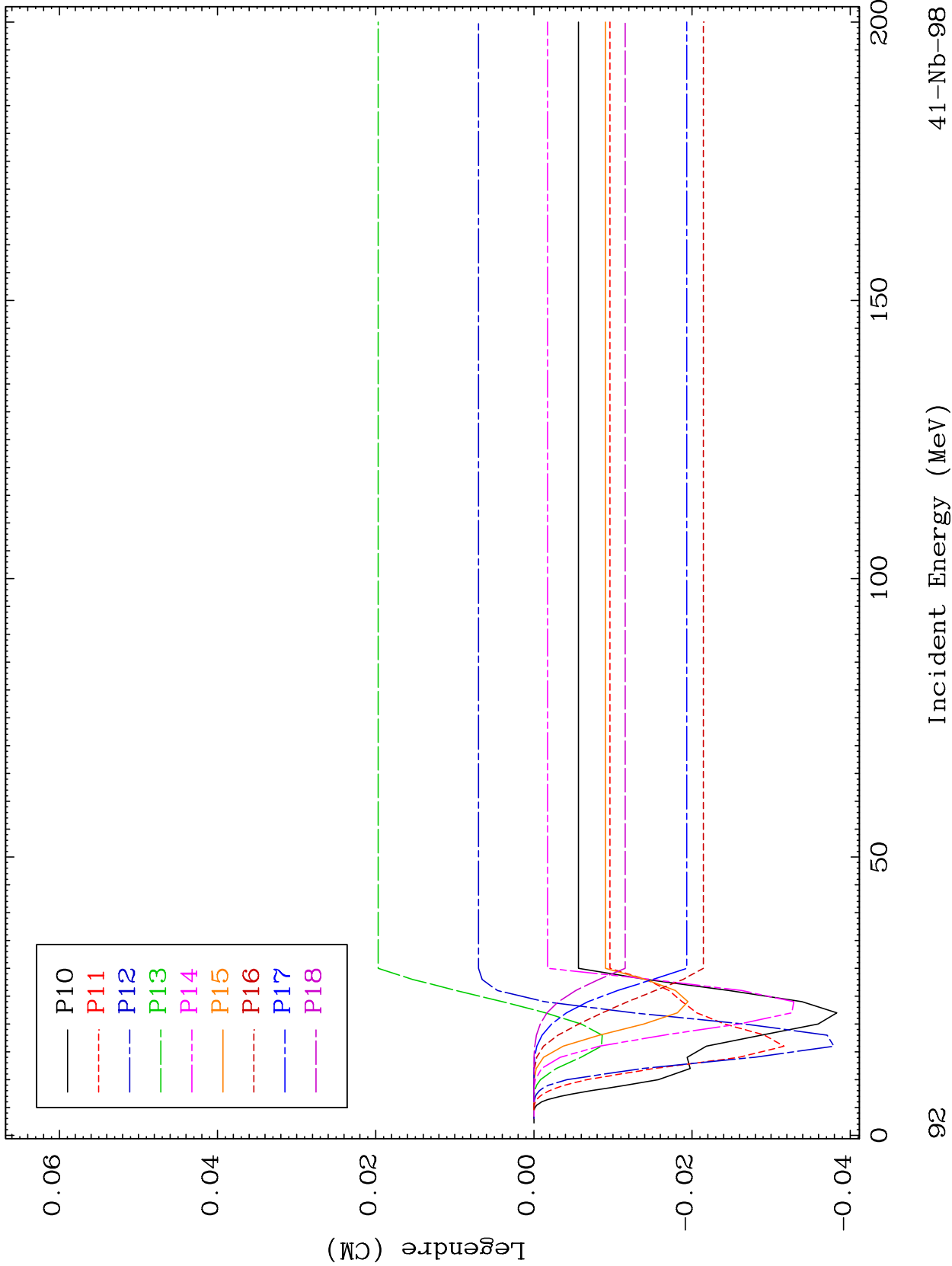




MAT 4140

2.036 MeV (n,n') Level  
Legendre Coefficients

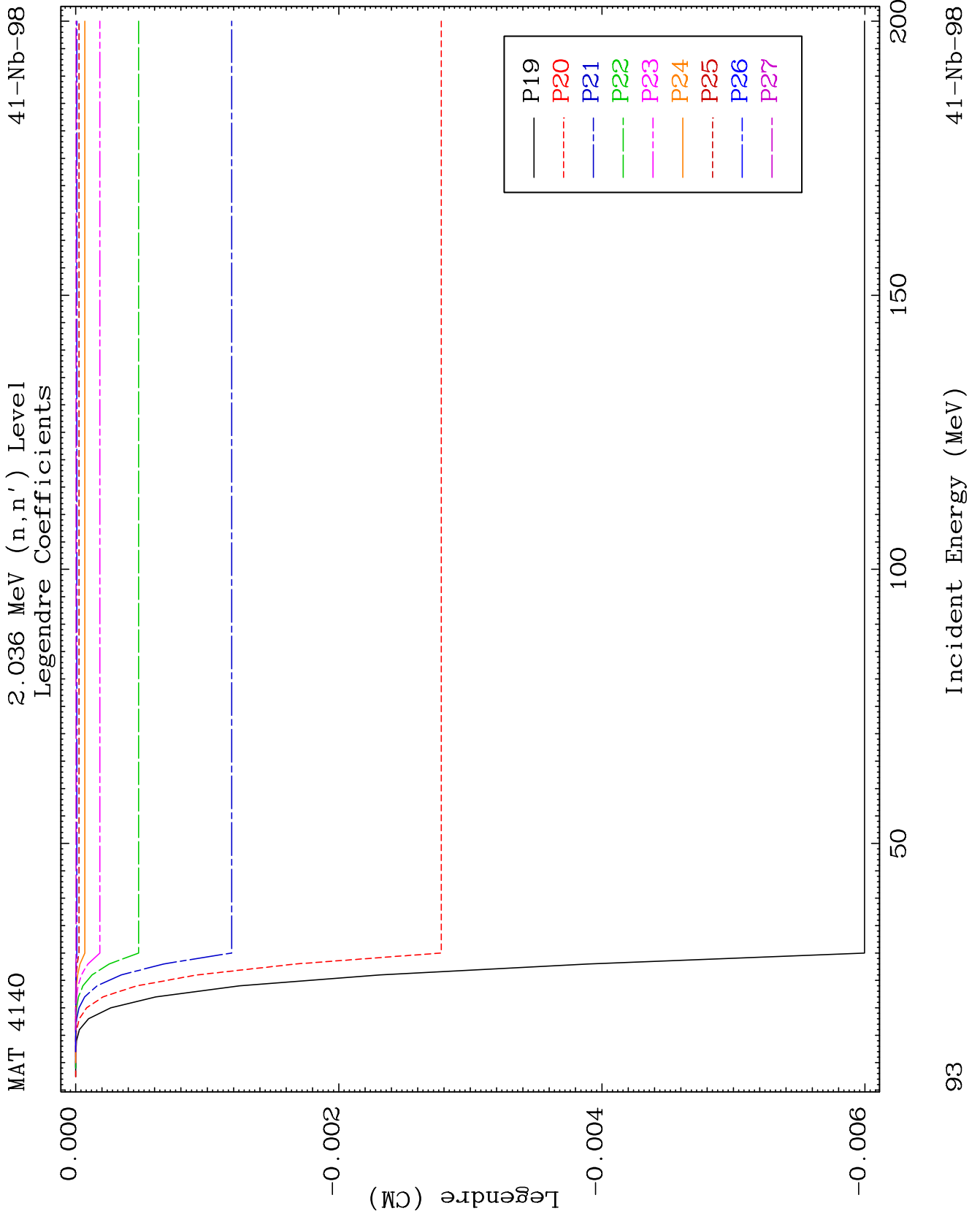
41-Nb-98

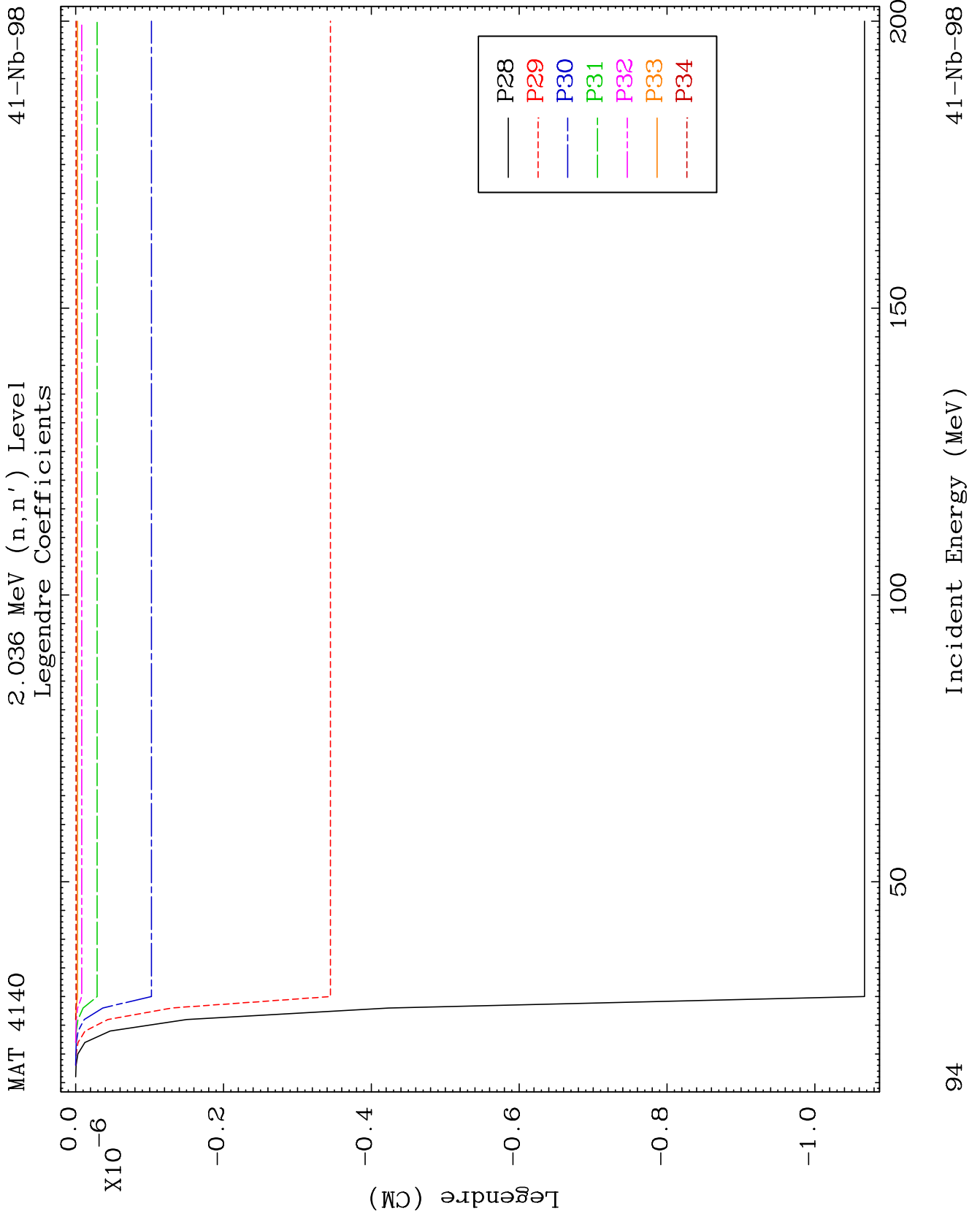


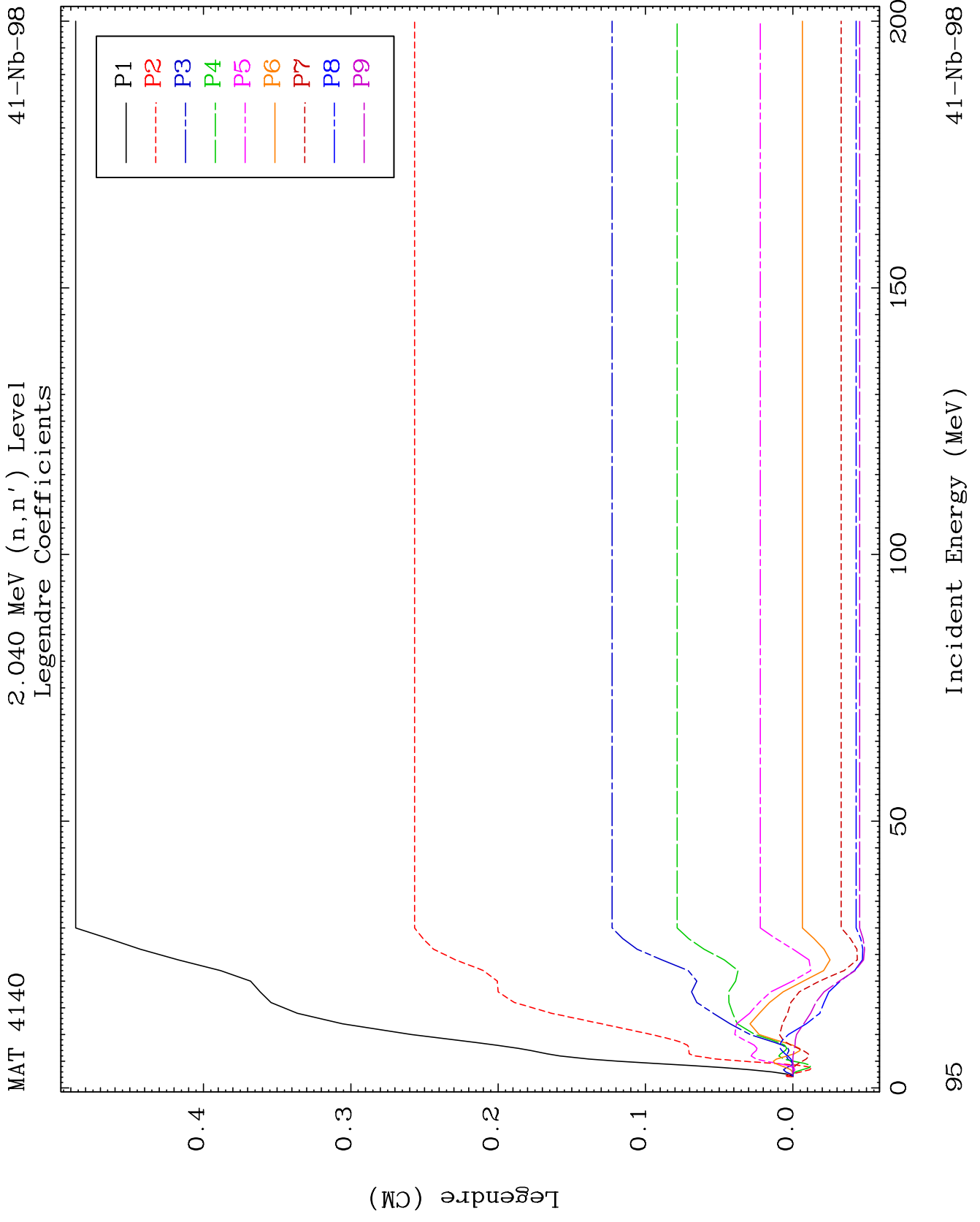
92

Incident Energy (MeV)

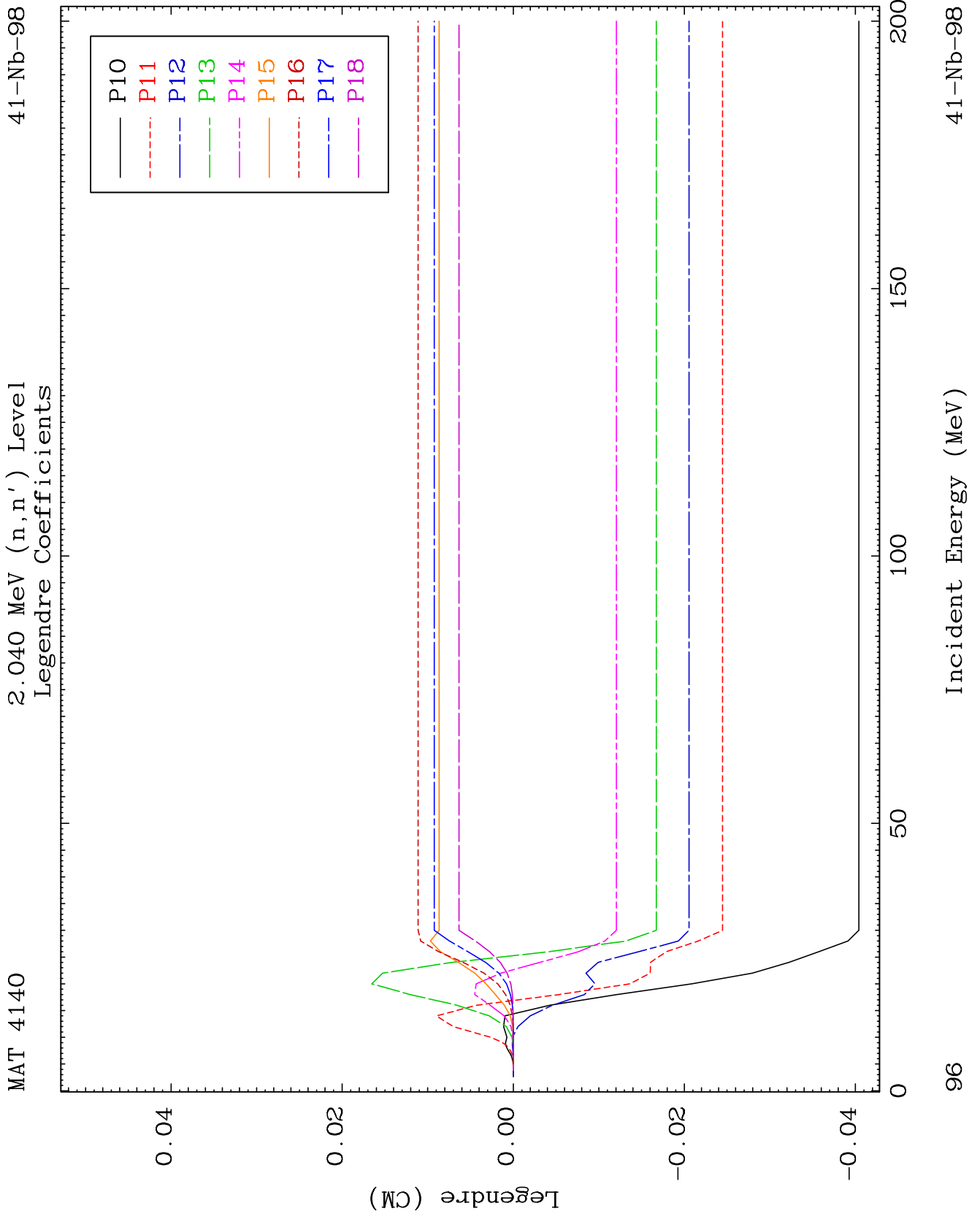
41-Nb-98

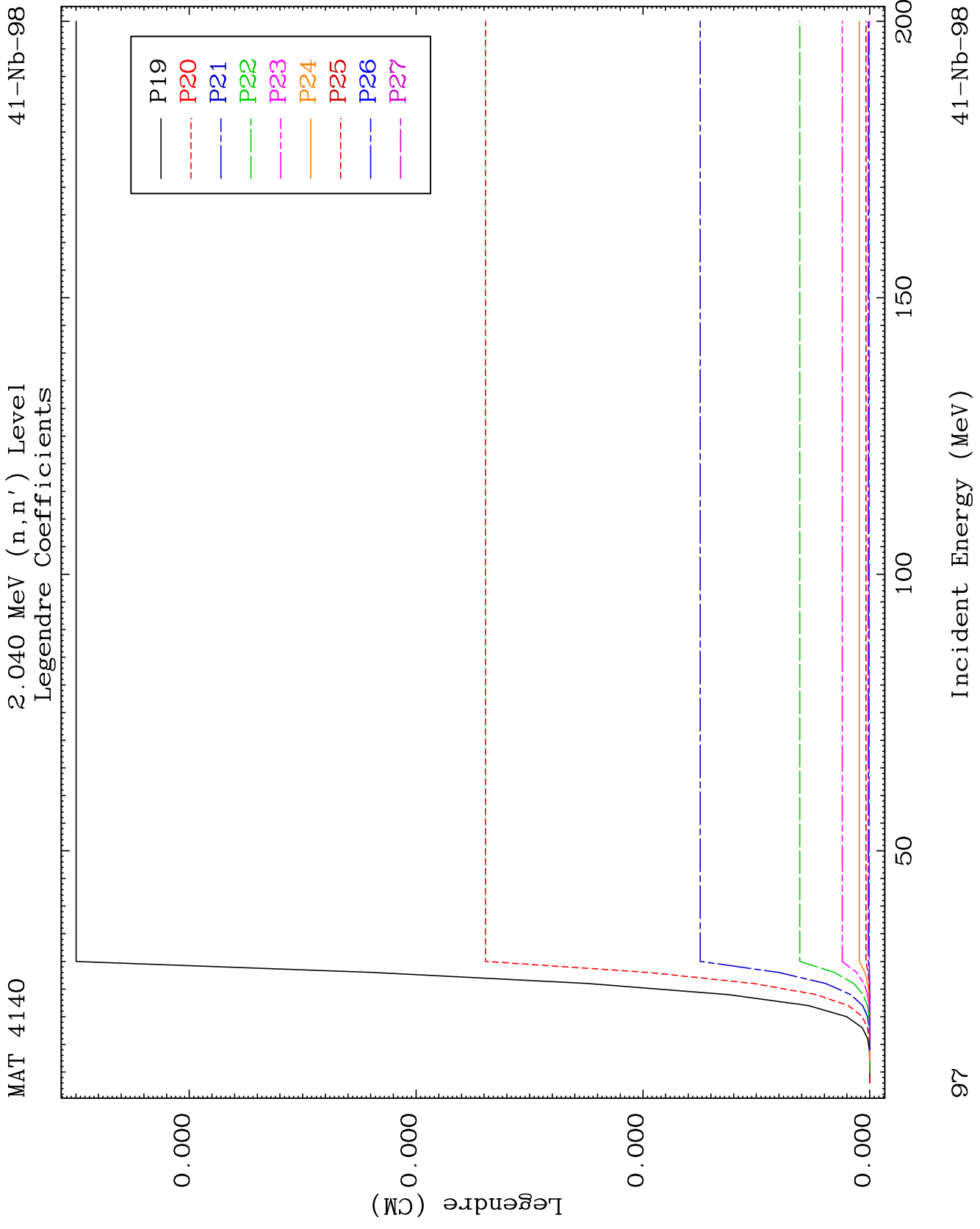


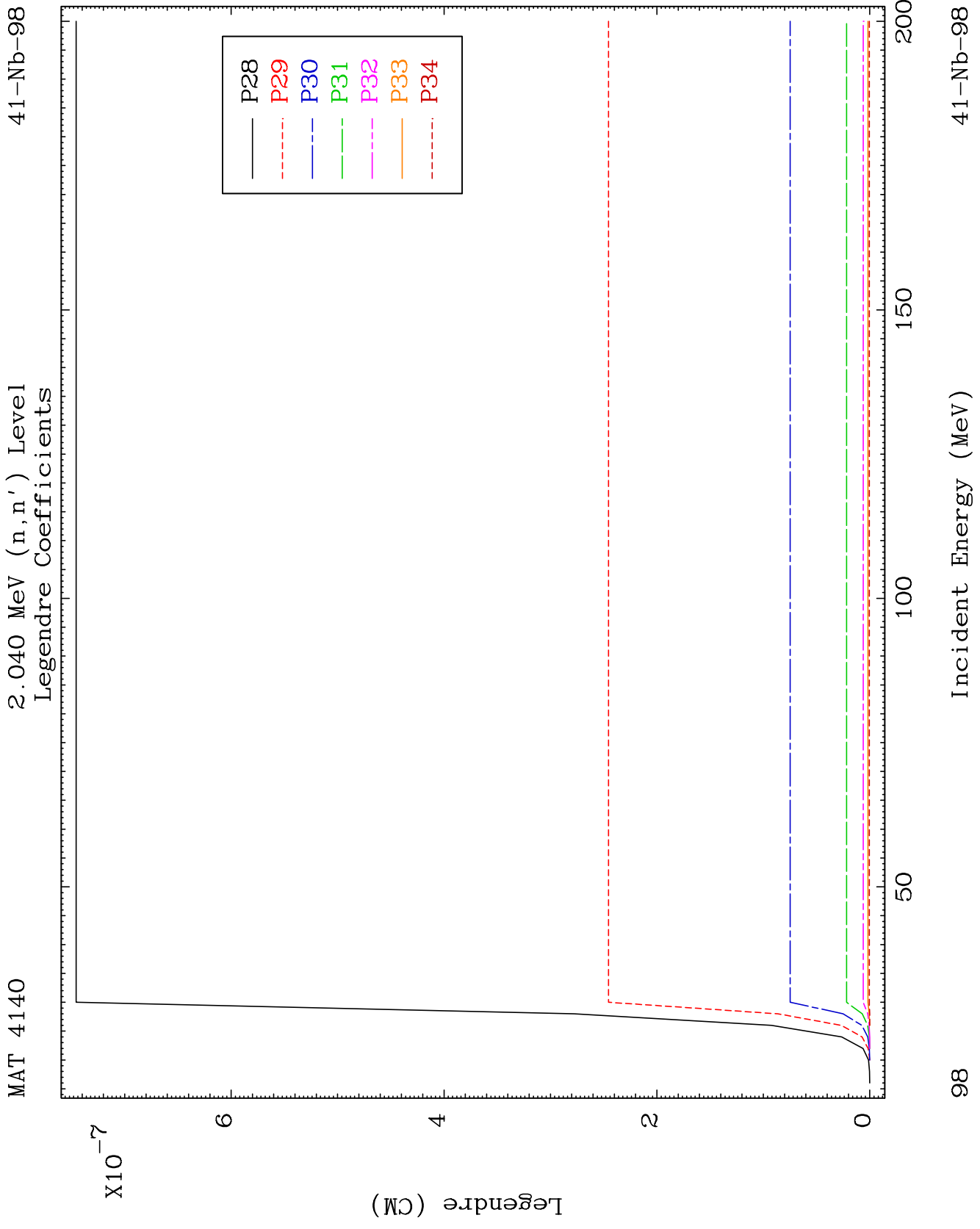










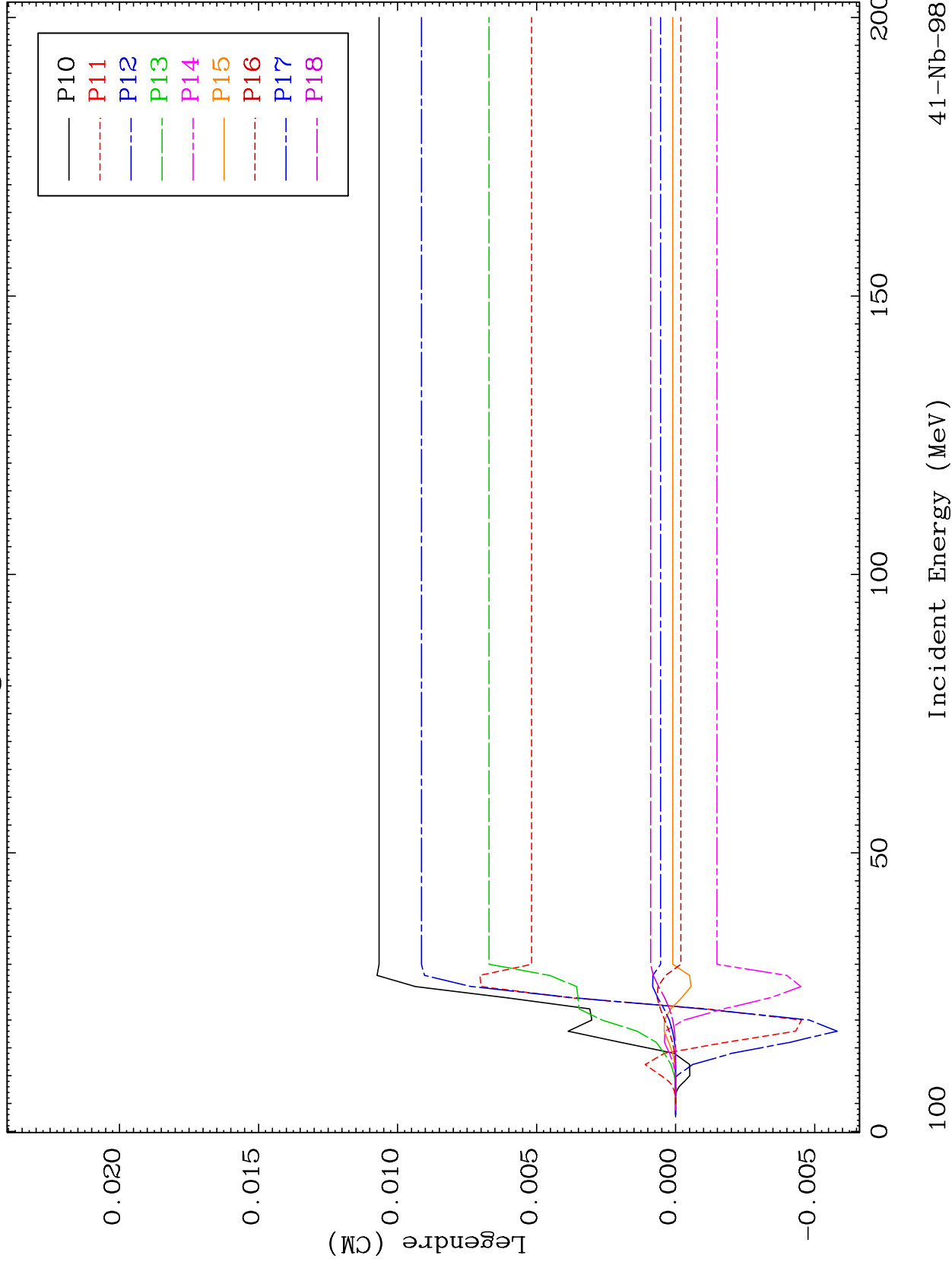




MAT 4140

2.045 MeV (n,n') Level  
Legendre Coefficients

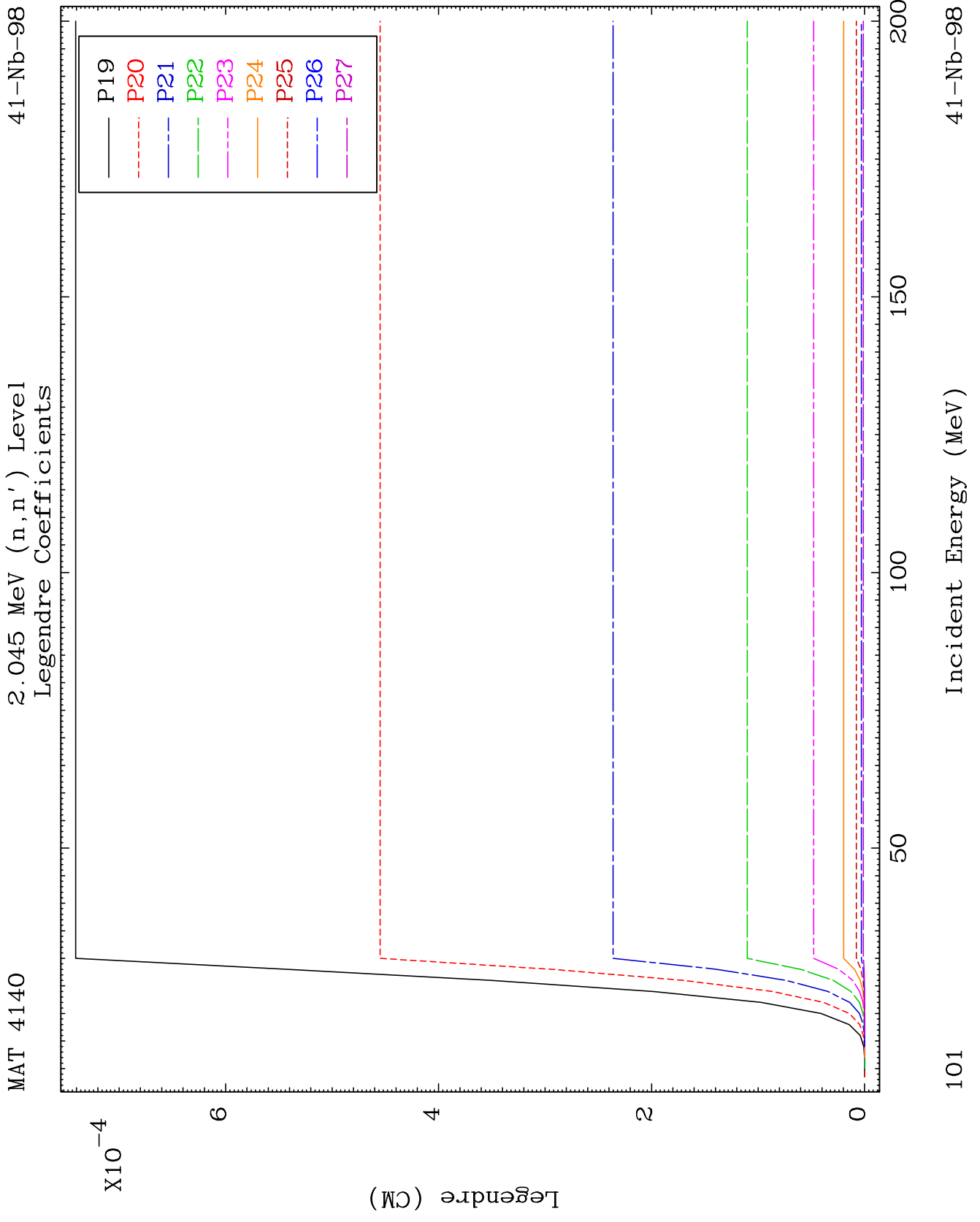
41-Nb-98

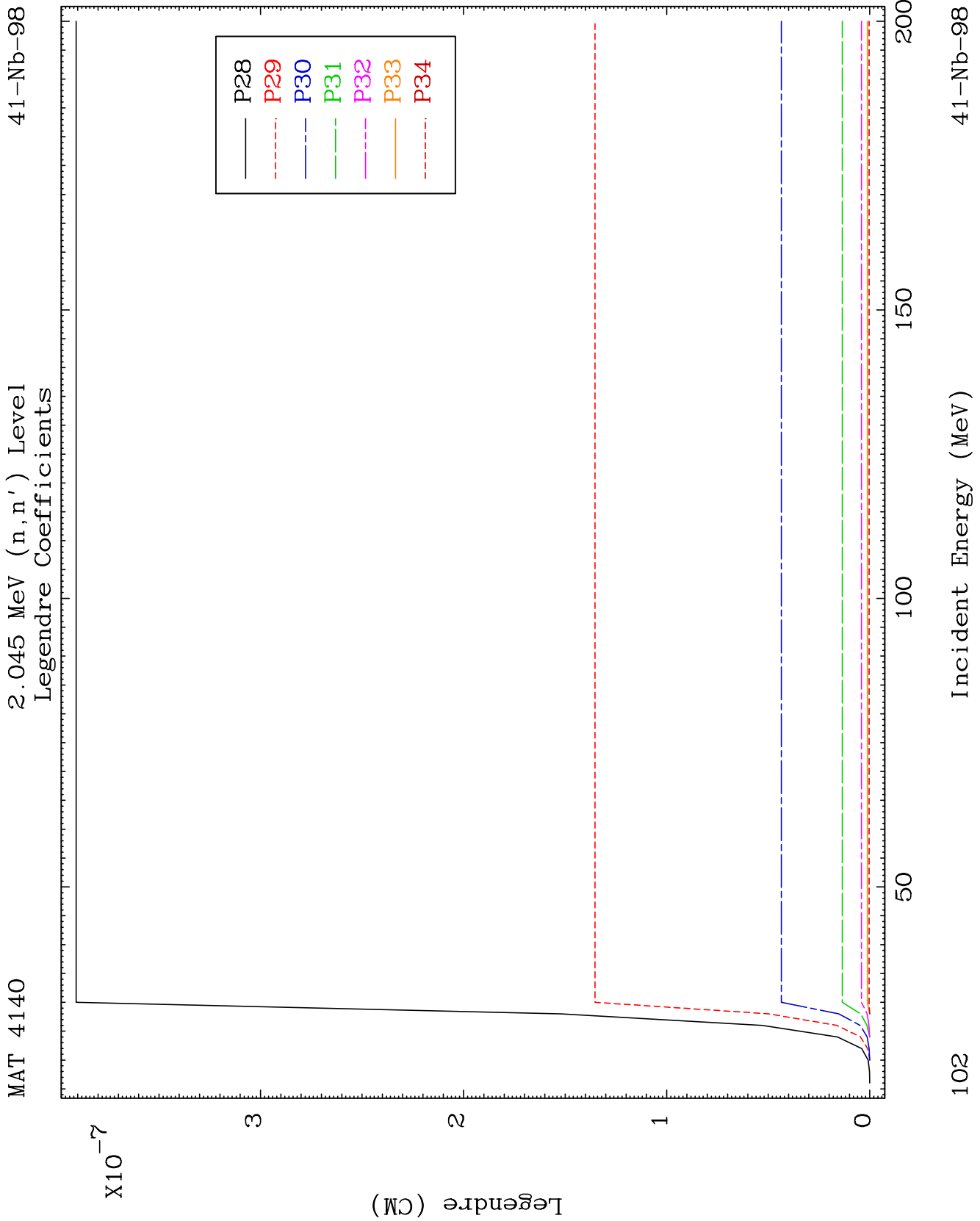


41-Nb-98

Incident Energy (MeV)

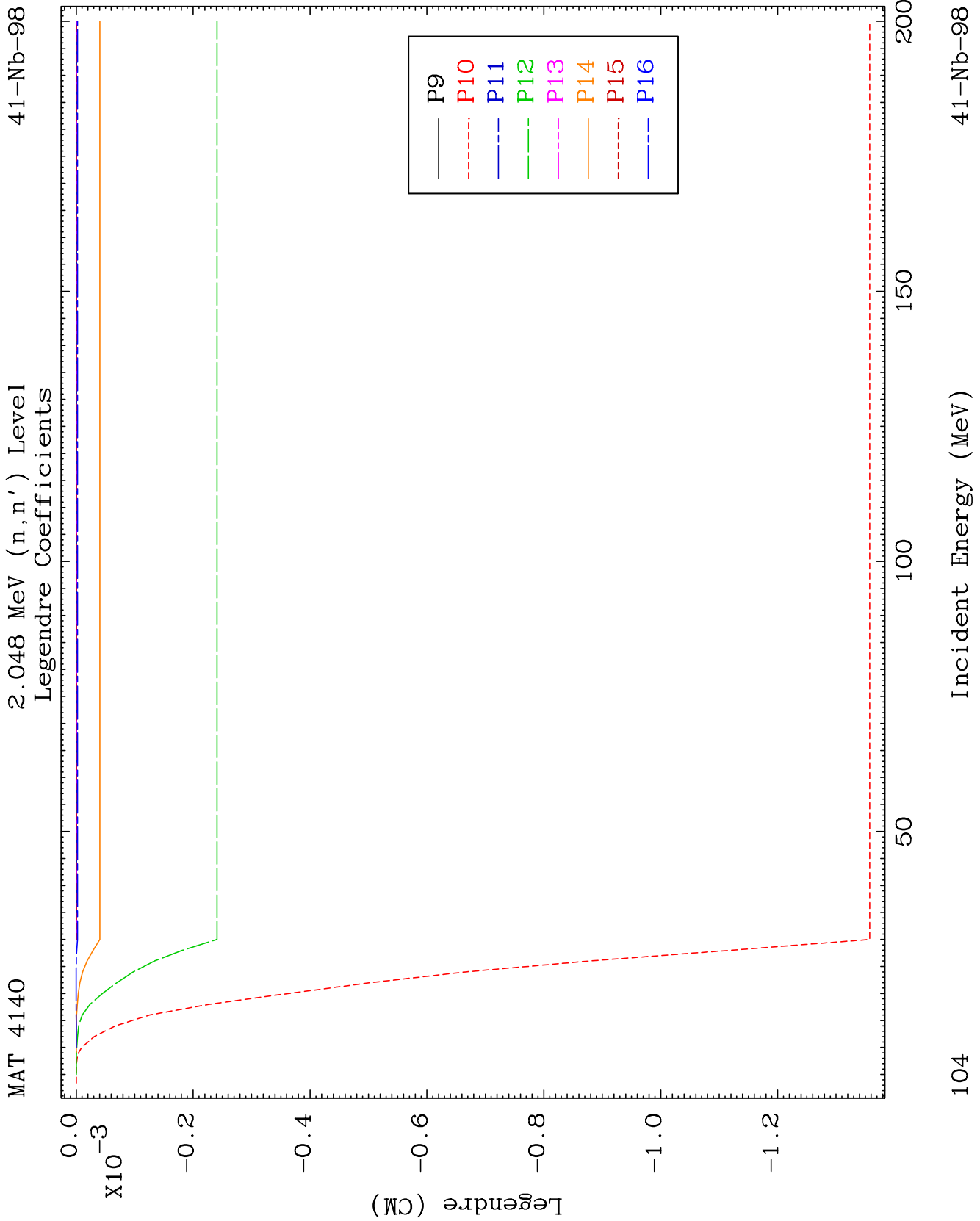
100

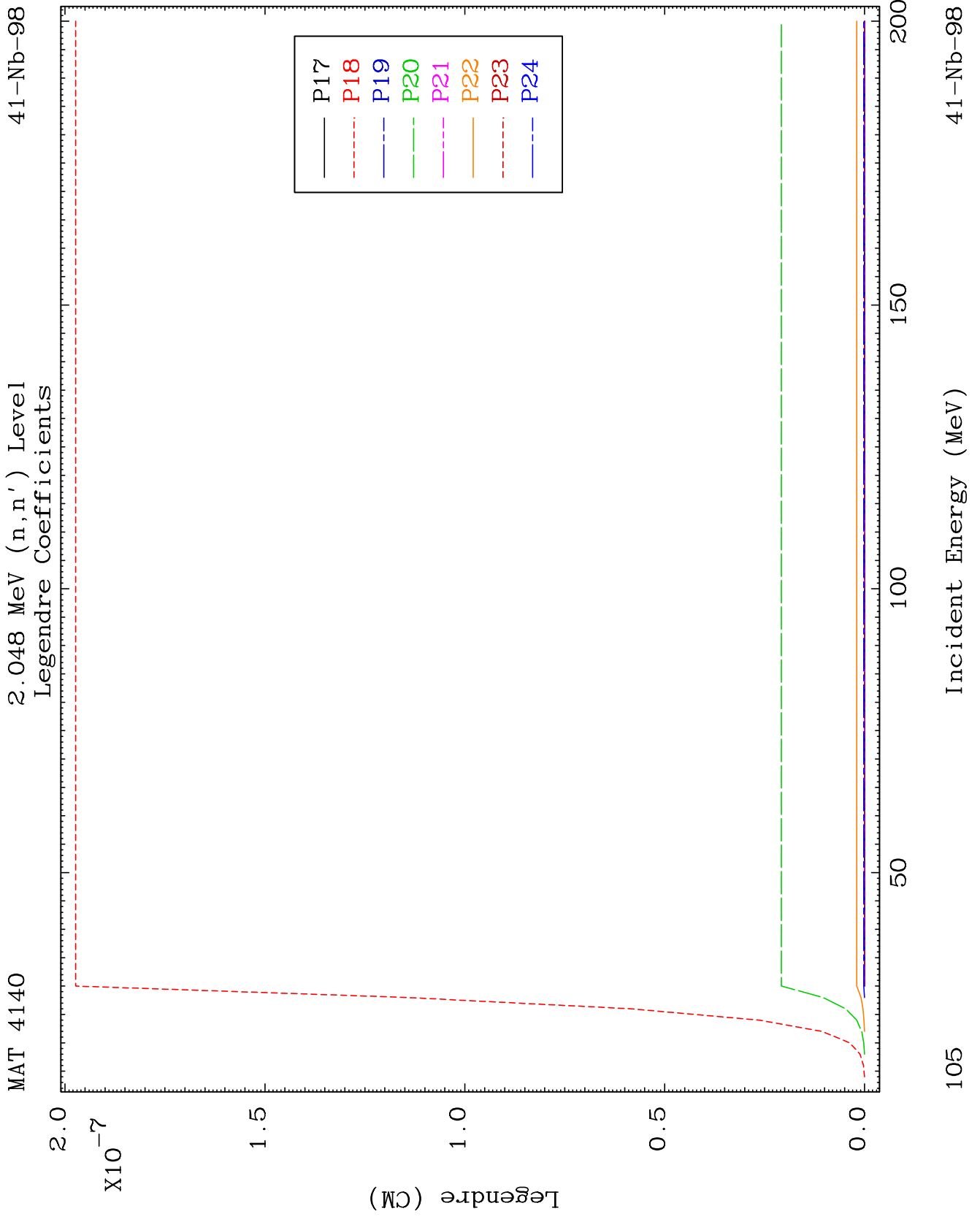






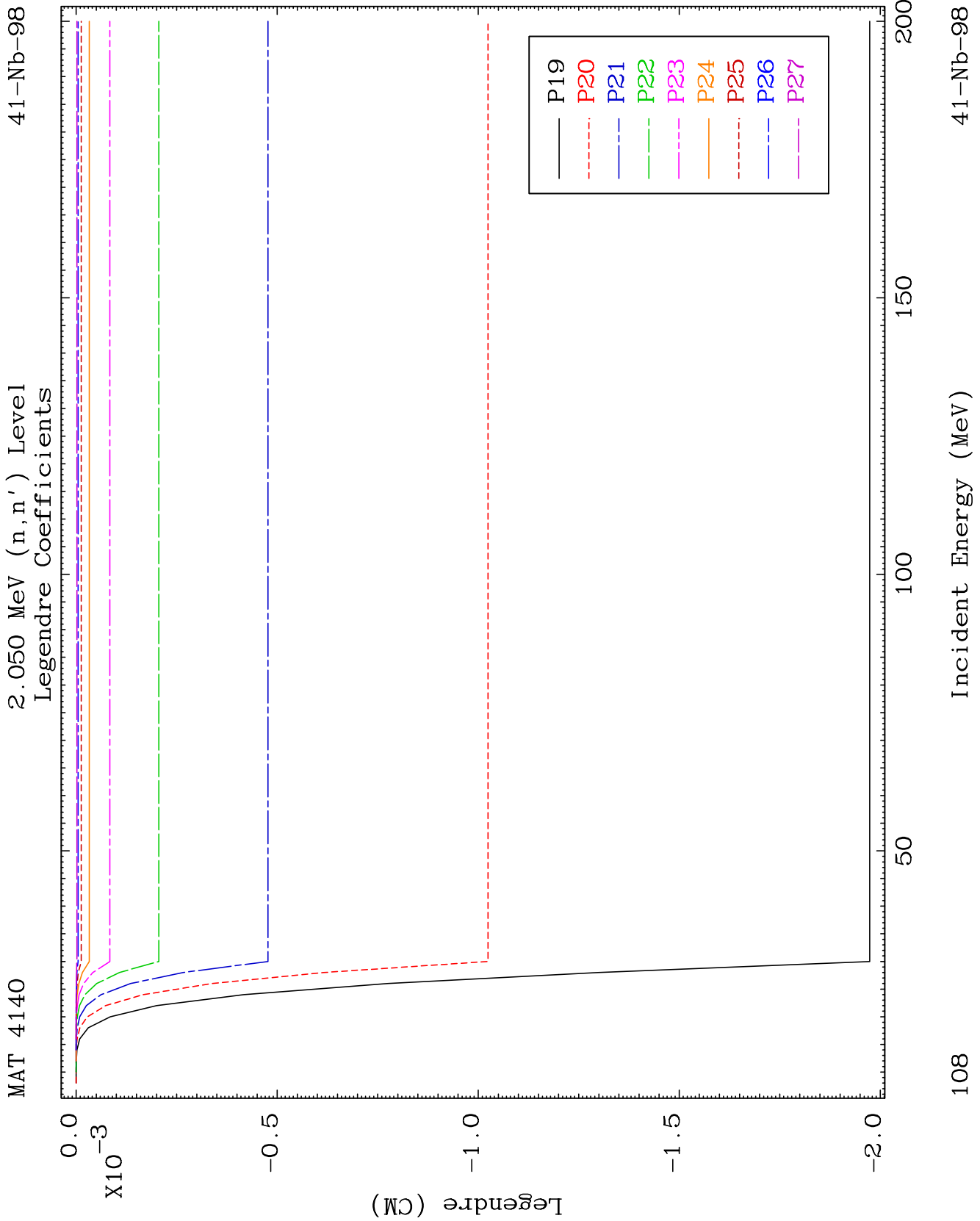


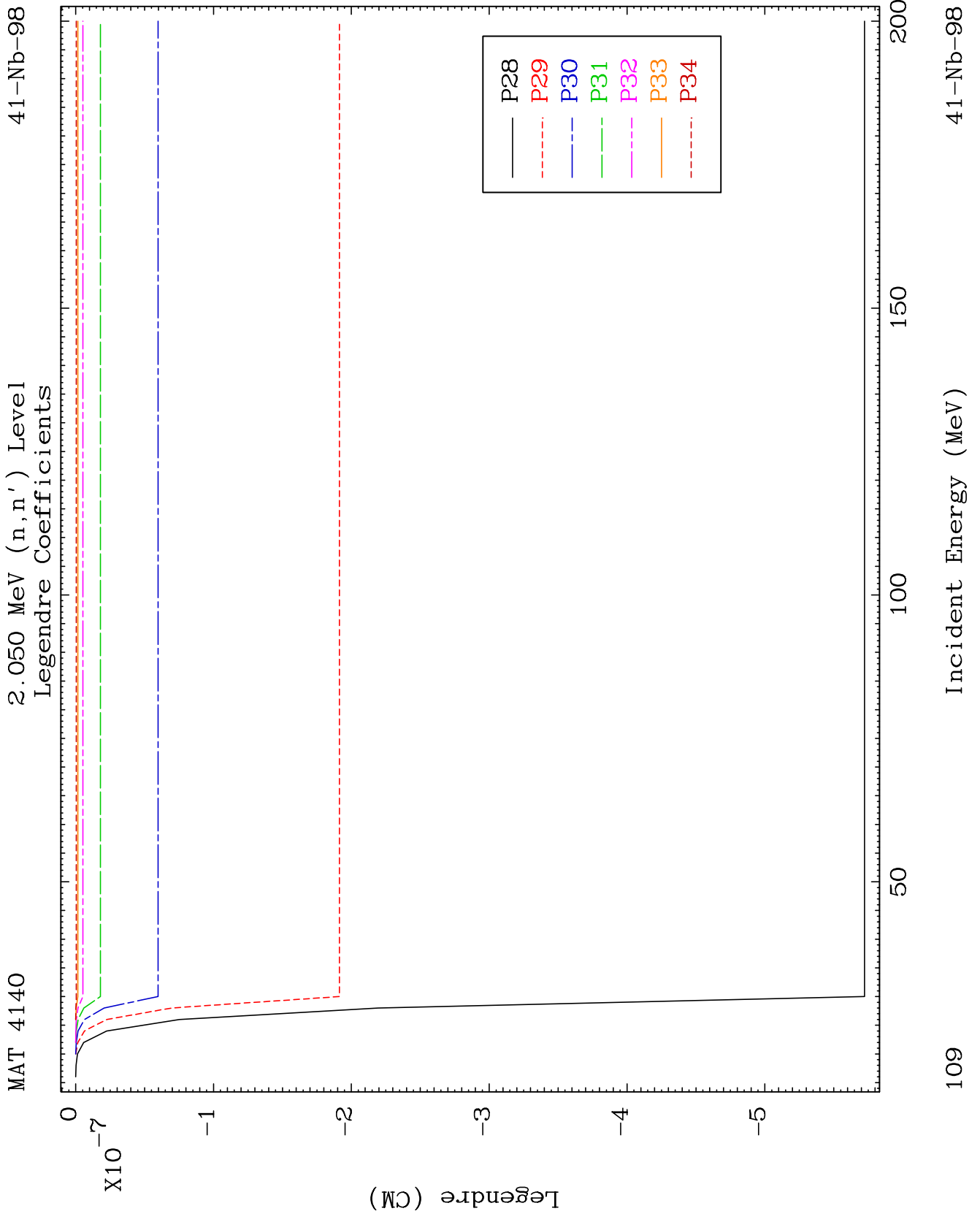










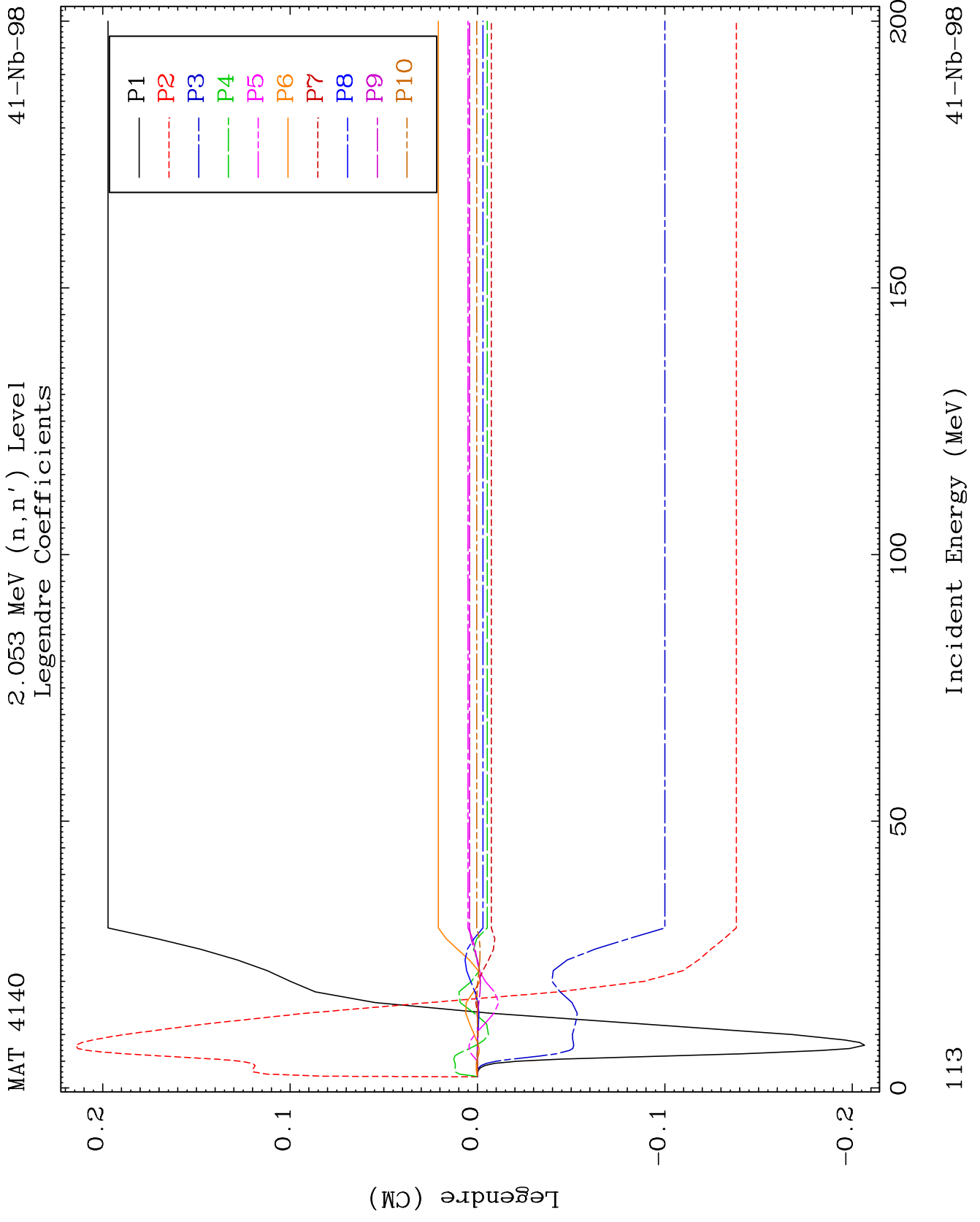


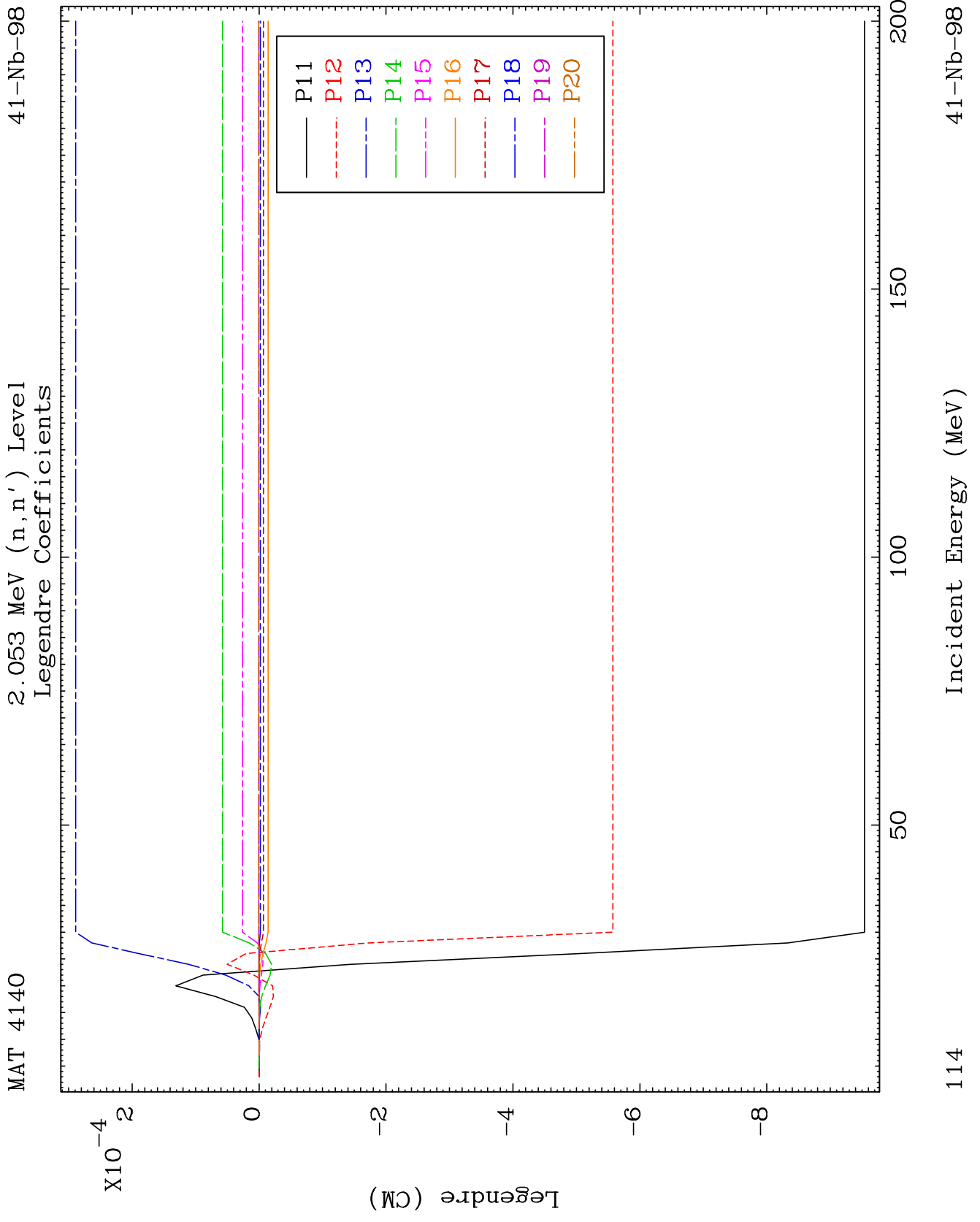


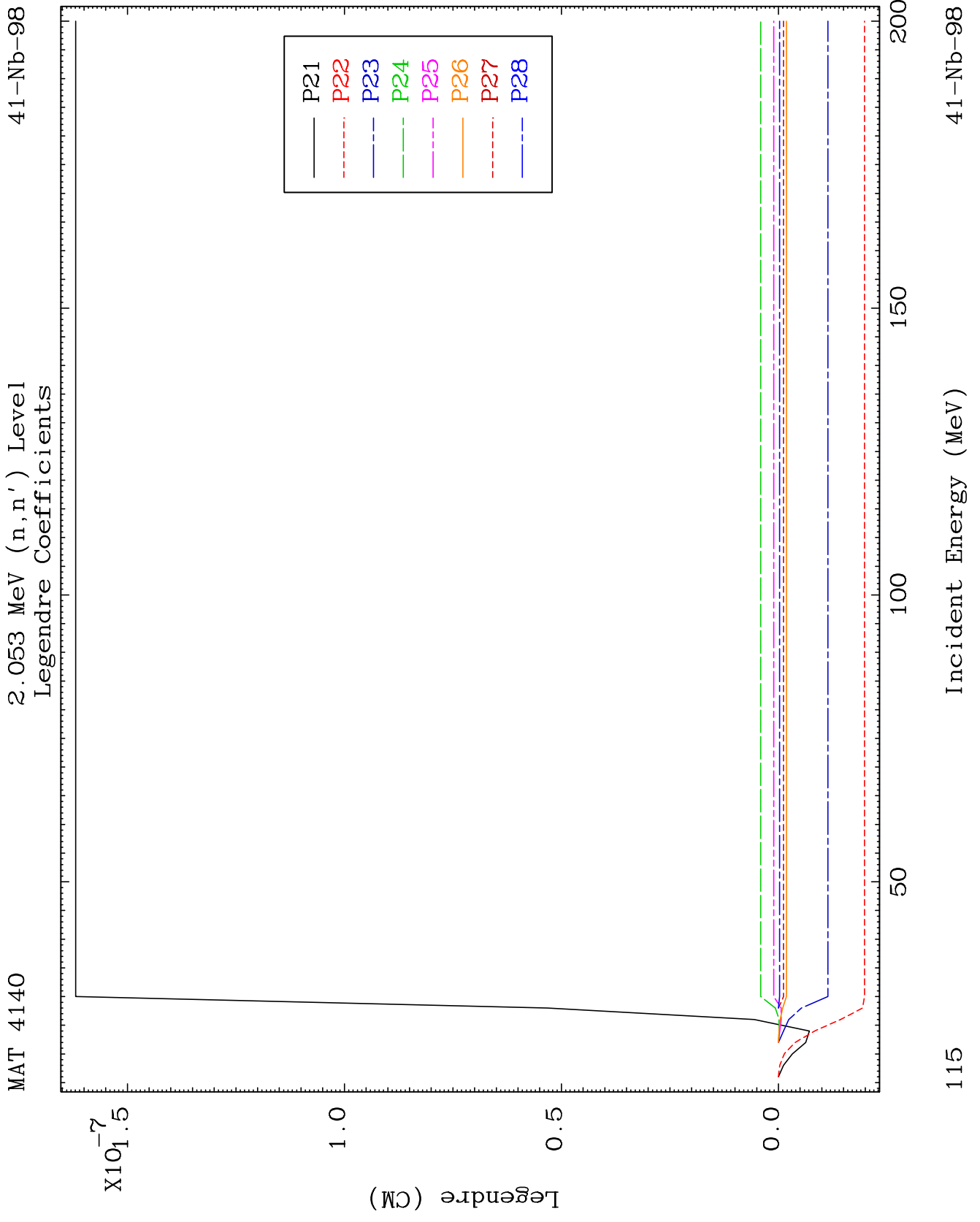




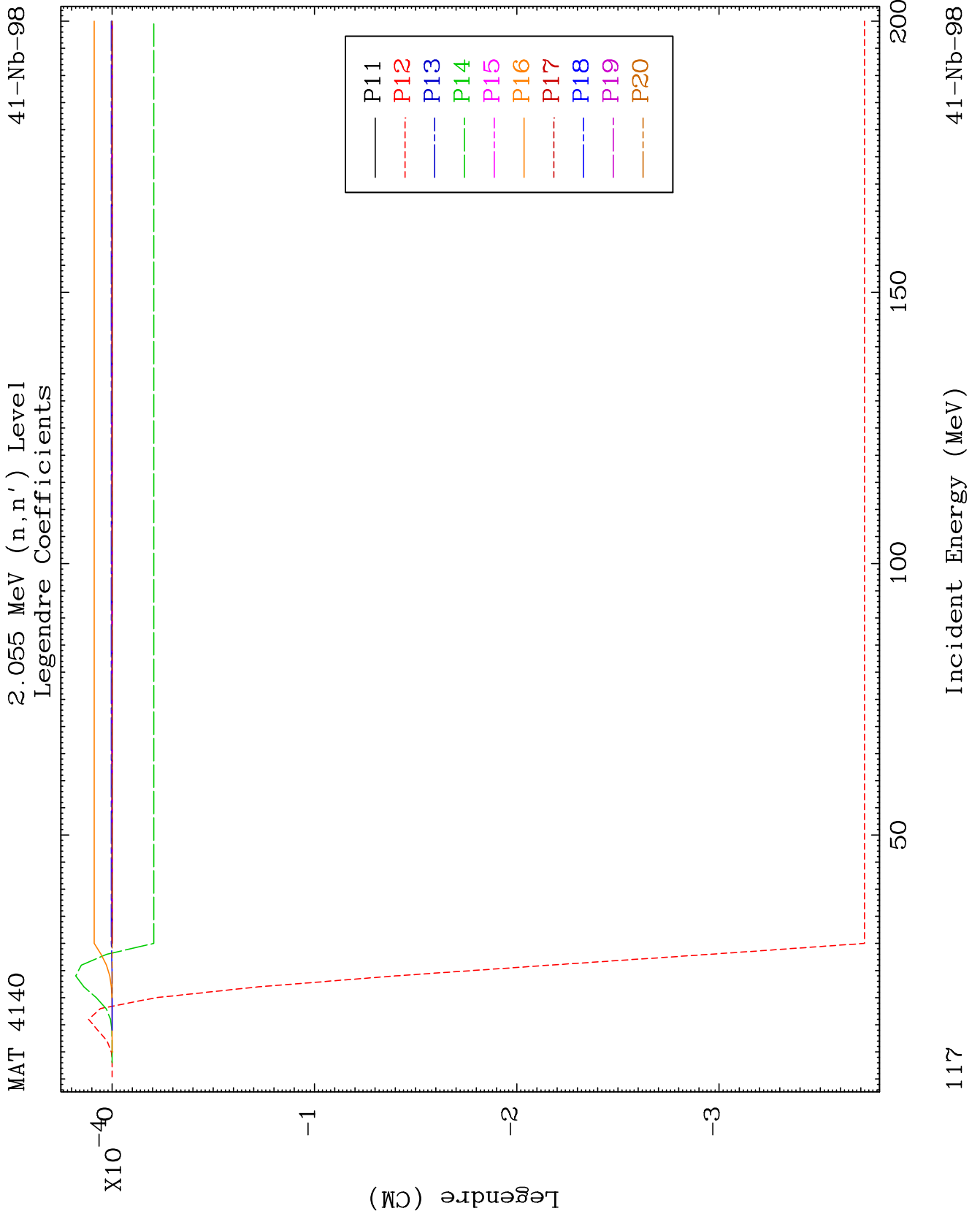








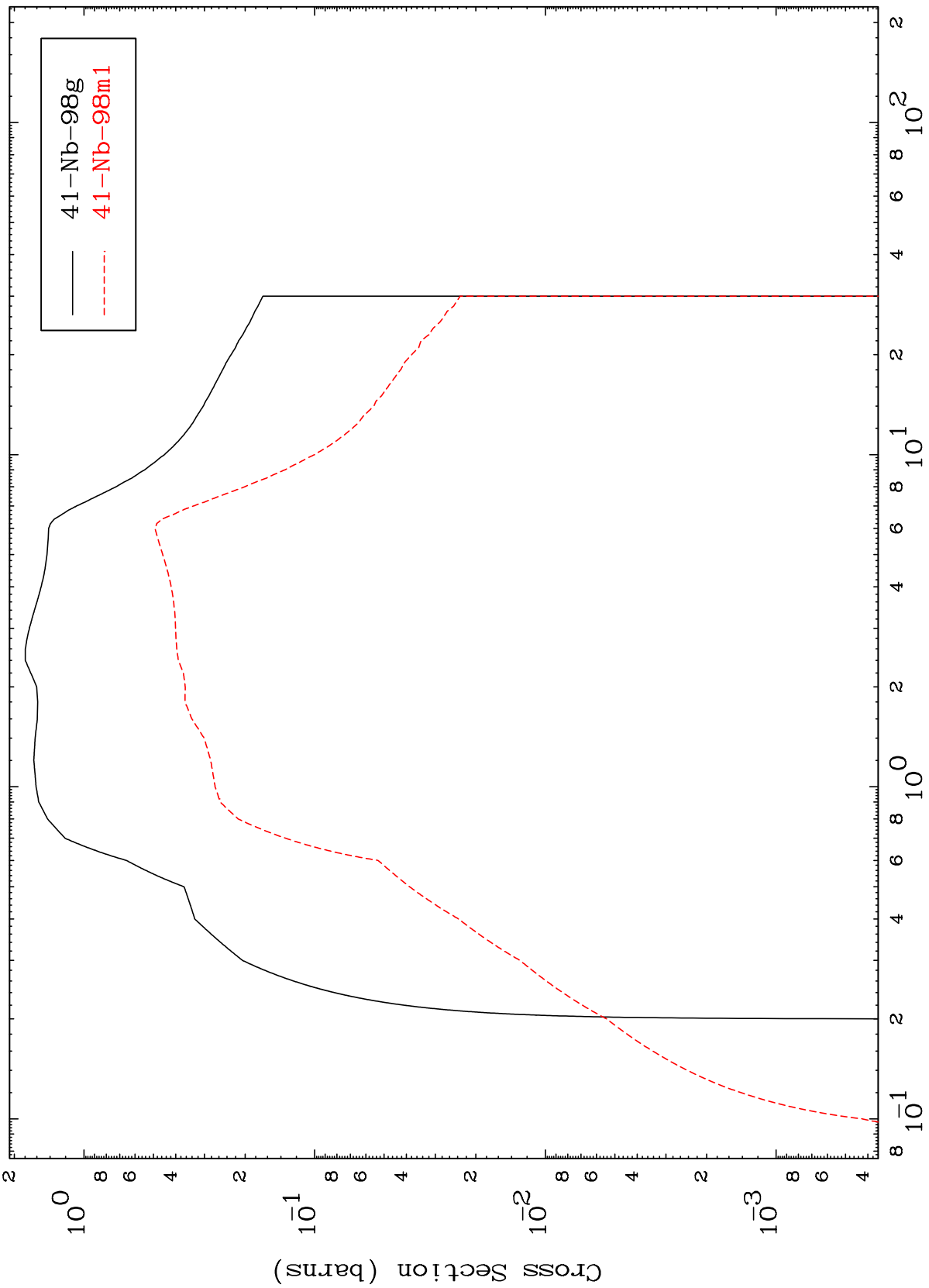




MAT 4140

41-Nb-98

### Inelastic Radionuclide Production Cross Section



118

Incident Energy (MeV)

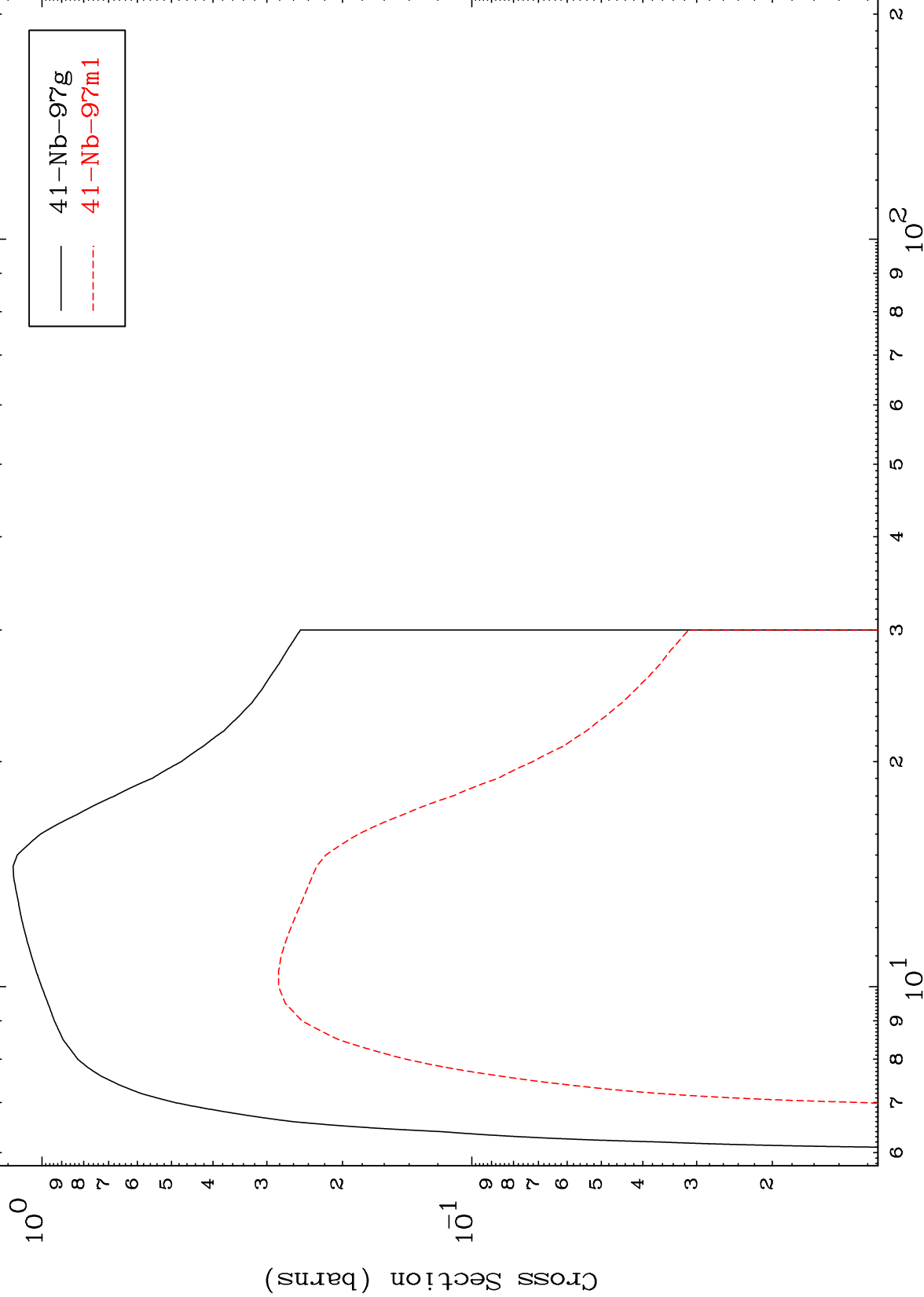
41-Nb-98

MAT 4140

(n,2n)

41-Nb-98

Radionuclide Production Cross Section



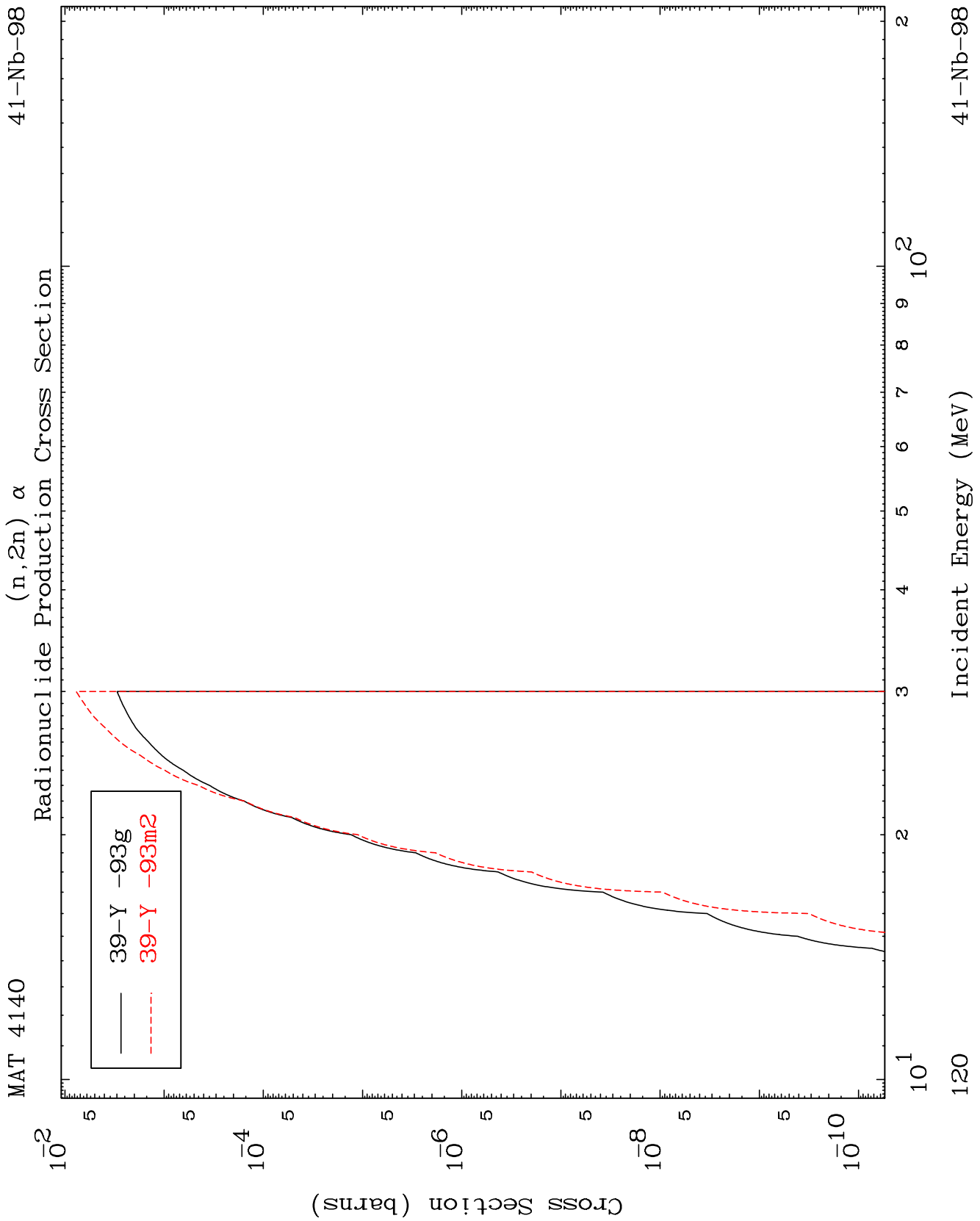
41-Nb-97g  
41-Nb-97m1

119

Incident Energy (MeV)

41-Nb-98



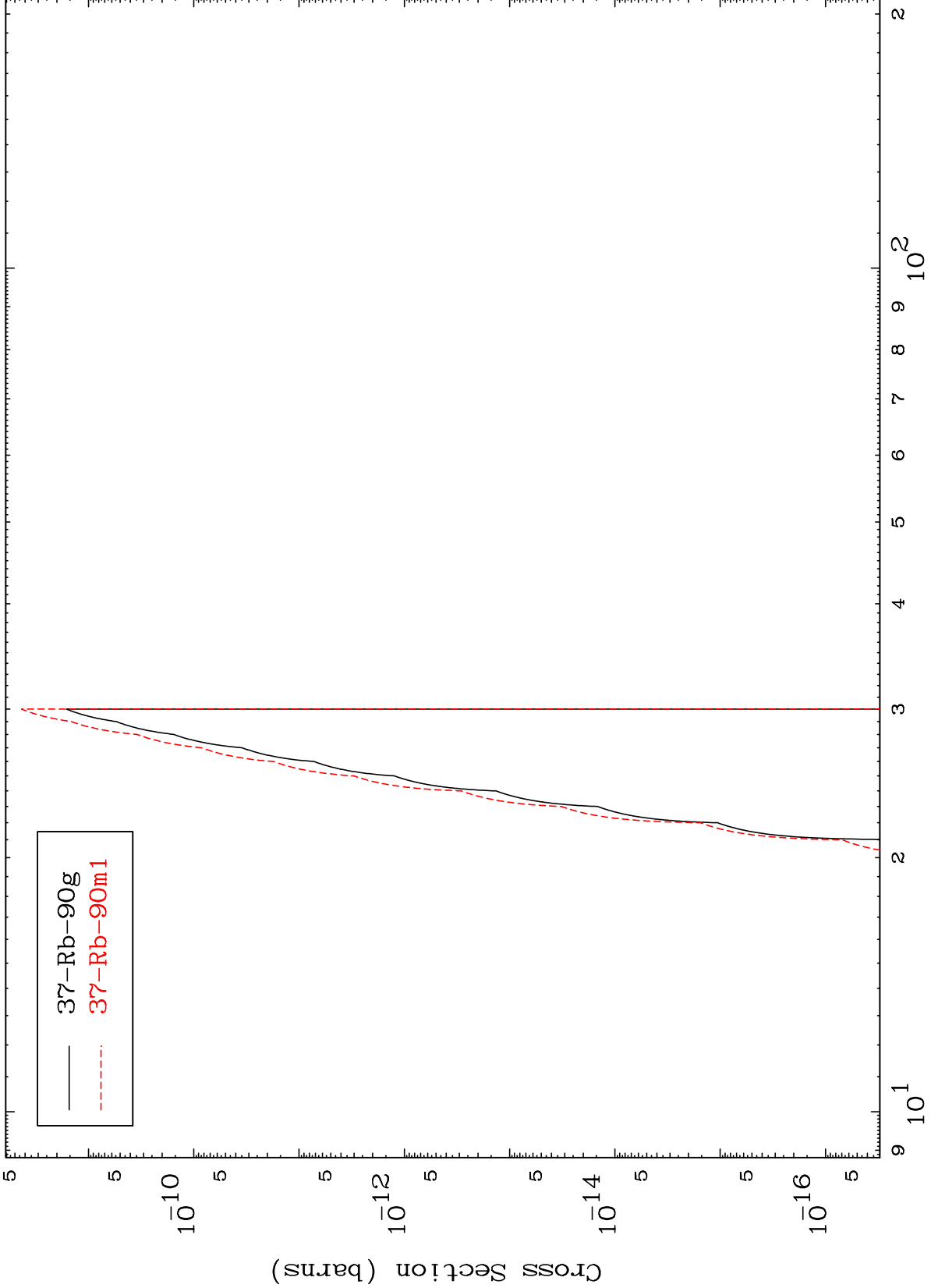


MAT 4140

(n,n') 2α

41-Nb-98

Radionuclide Production Cross Section



37-Rb-90g  
37-Rb-90m1

Incident Energy (MeV)

41-Nb-98

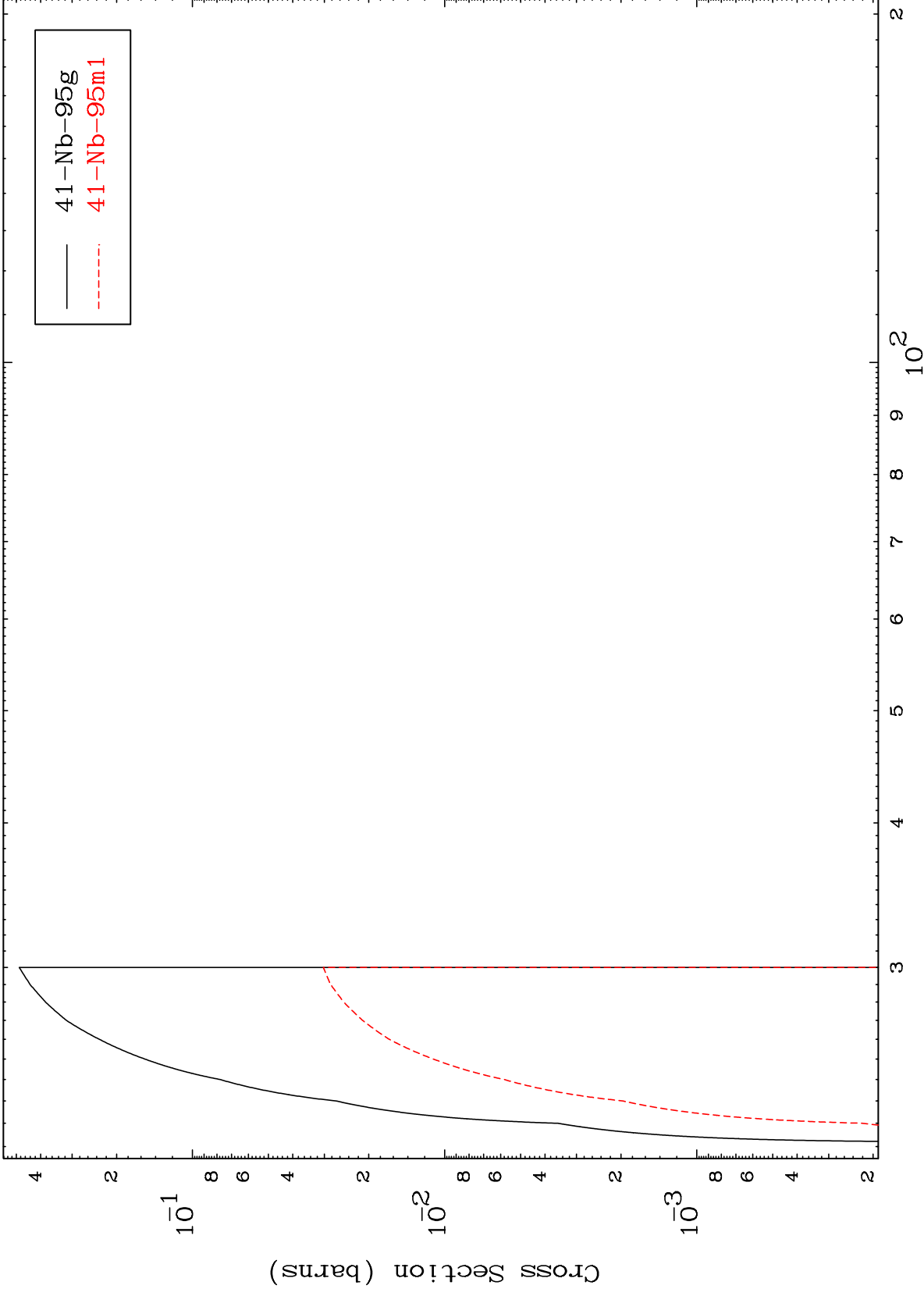
121

MAT 4140

(n,4n)

41-Nb-98

Radionuclide Production Cross Section



122

Incident Energy (MeV)

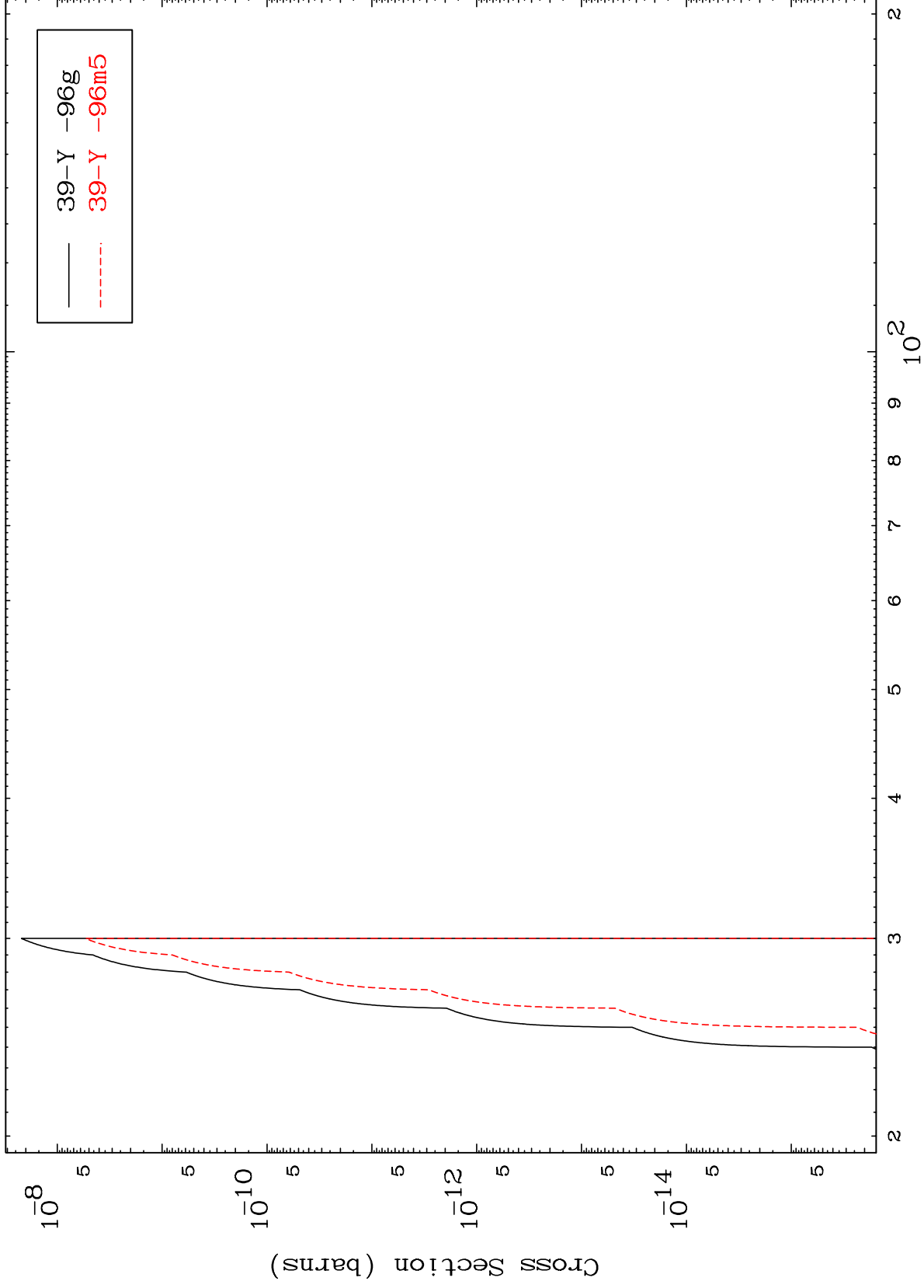
41-Nb-98

MAT 4140

(n,2n) p

41-Nb-98

Radionuclide Production Cross Section

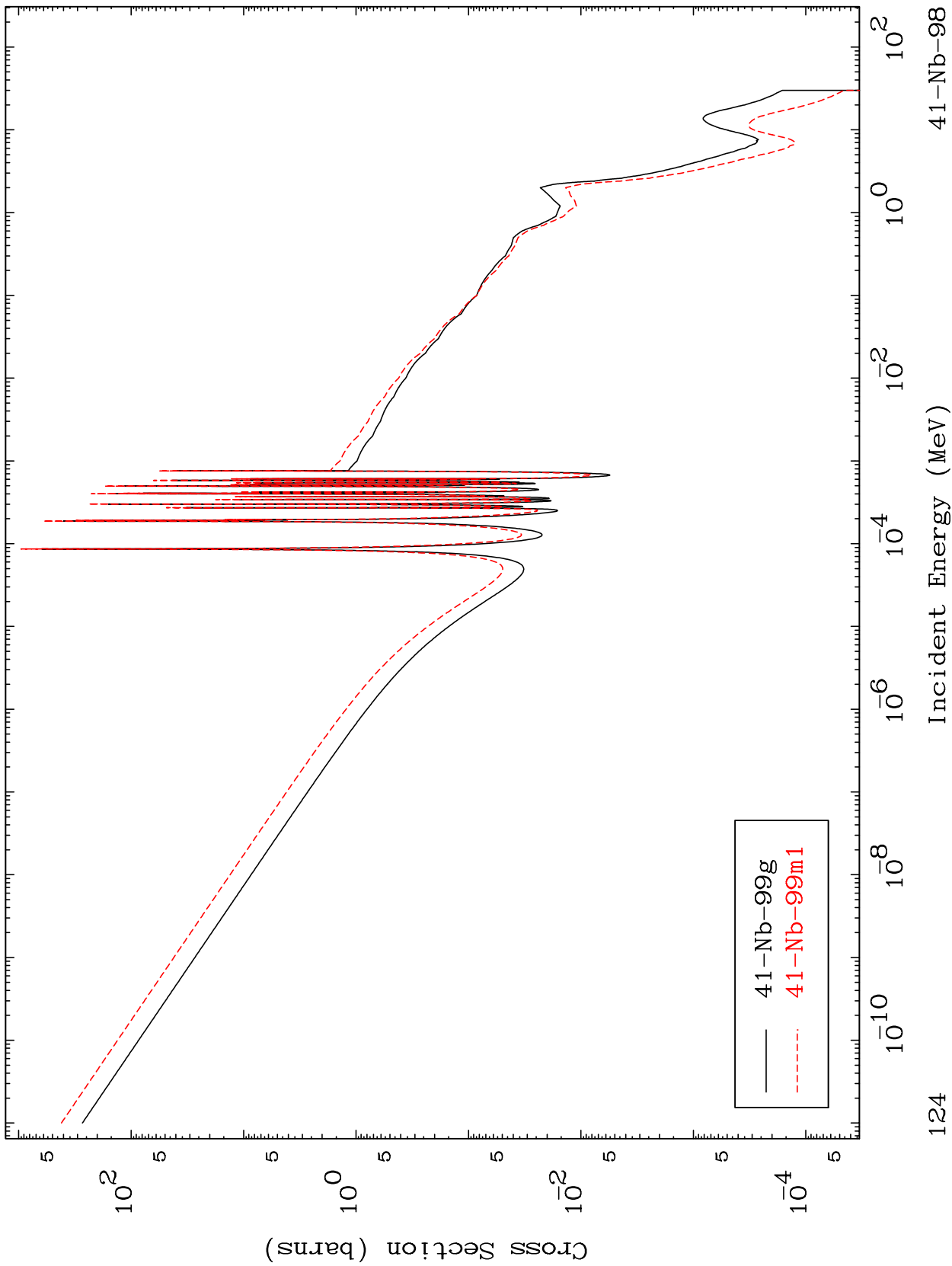


123

Incident Energy (MeV)

41-Nb-98

(n,  $\gamma$ )  
Radionuclide Production Cross Section

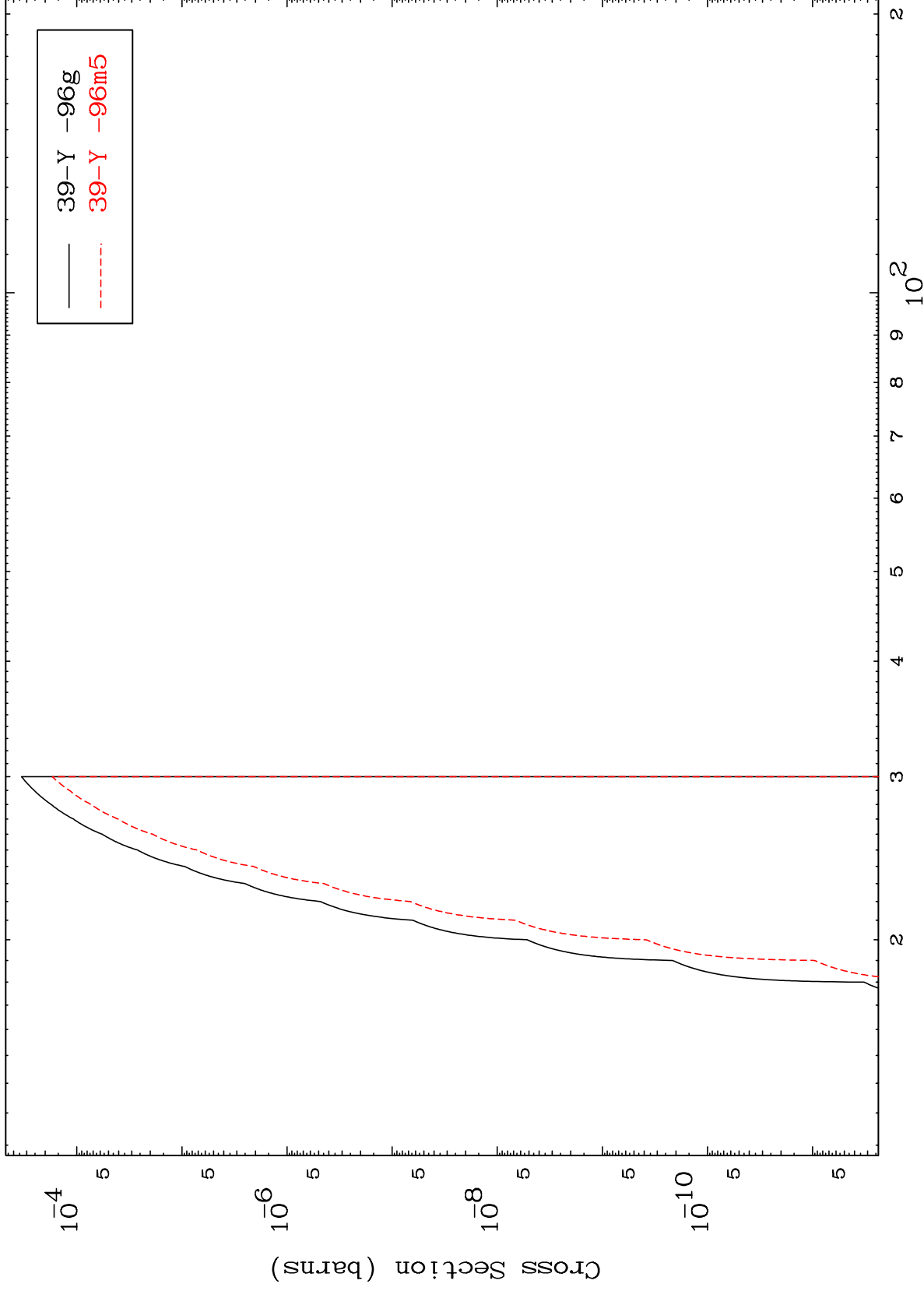


MAT 4140

(n,He-3)

41-Nb-98

Radionuclide Production Cross Section

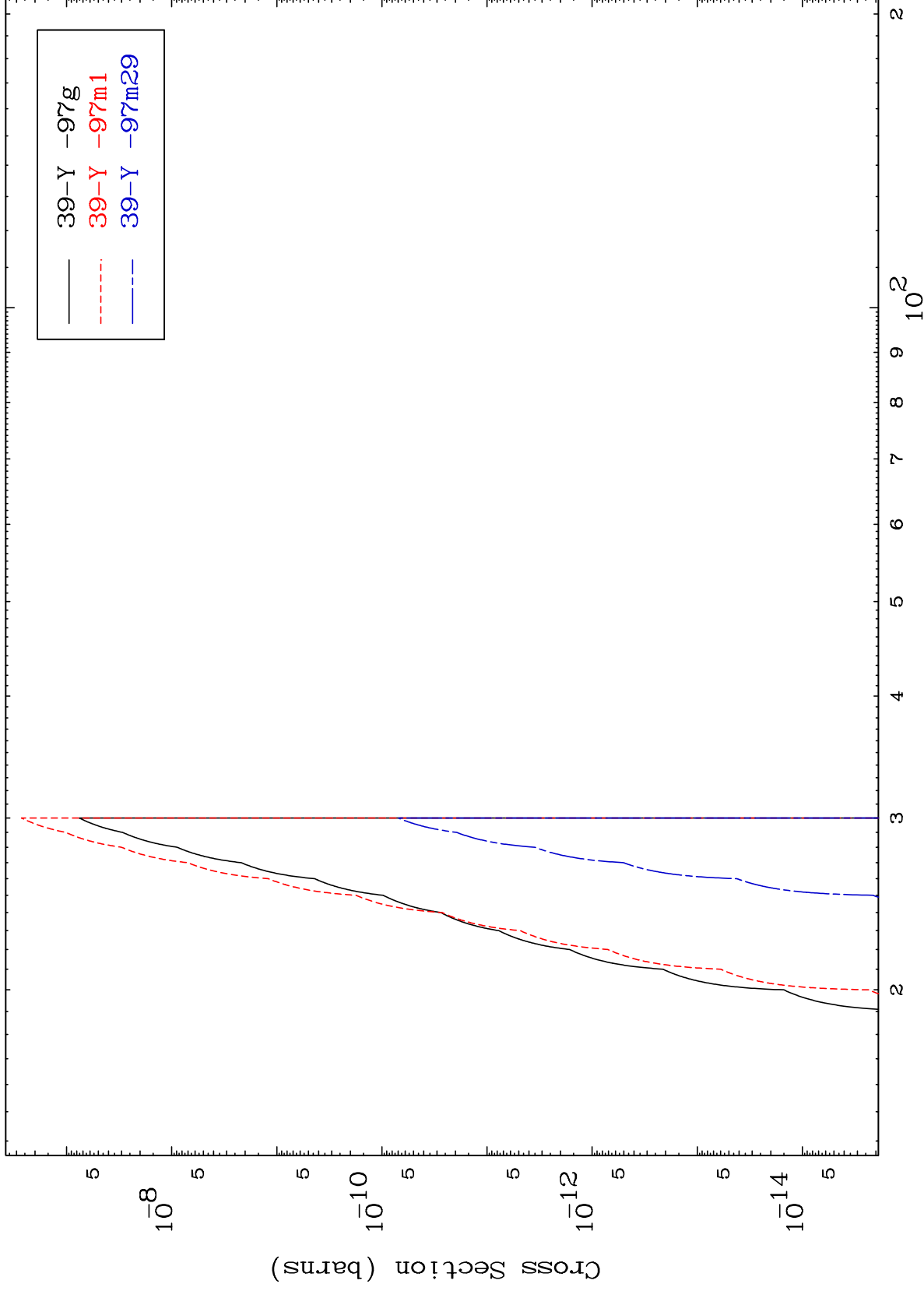


125

Incident Energy (MeV)

41-Nb-98

(n,2p)  
Radionuclide Production Cross Section



Radionuclide Production Cross Section

