

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

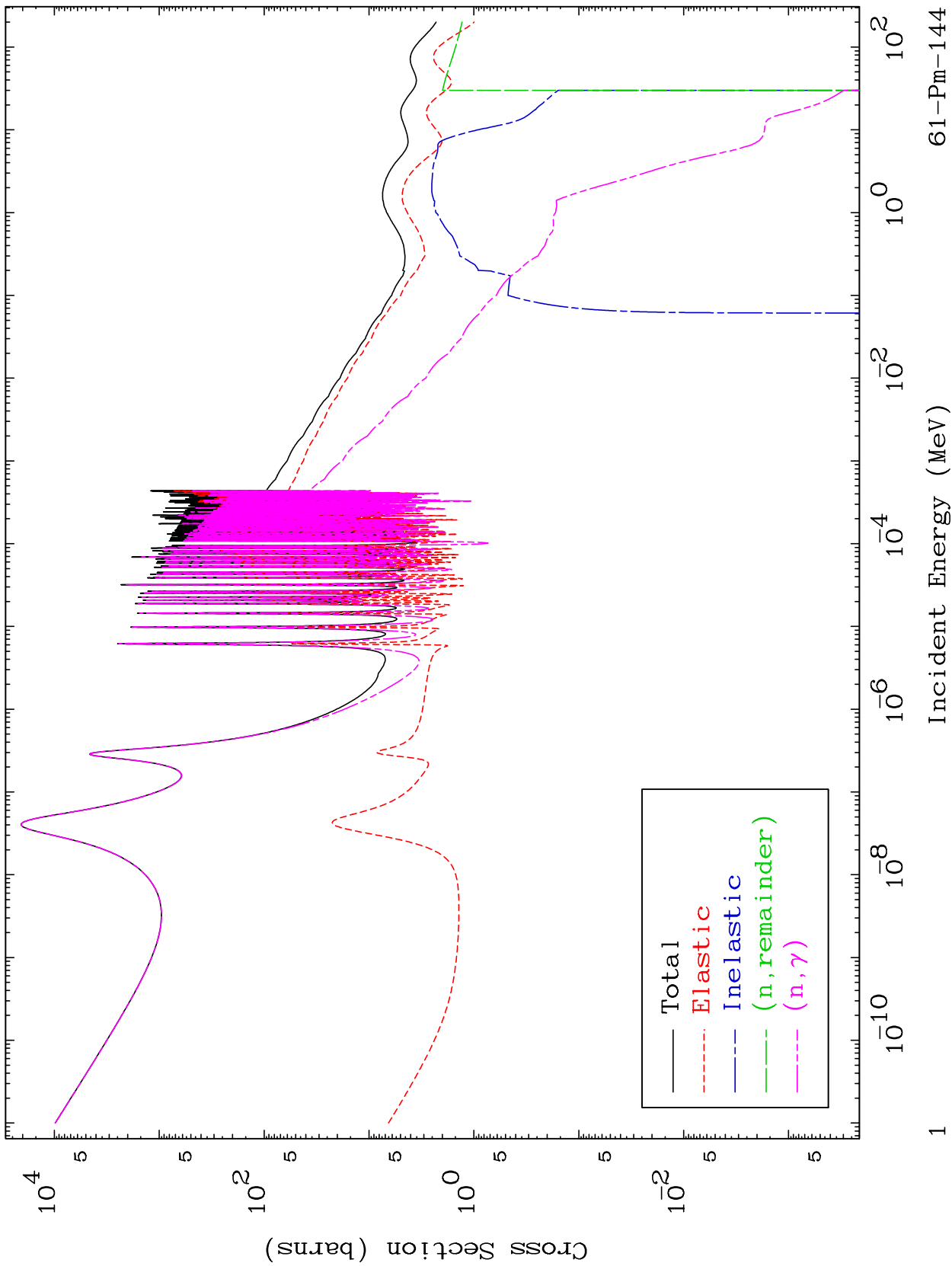
Press Mouse Button to Start

MAT 6140

Major

61-Pm-144

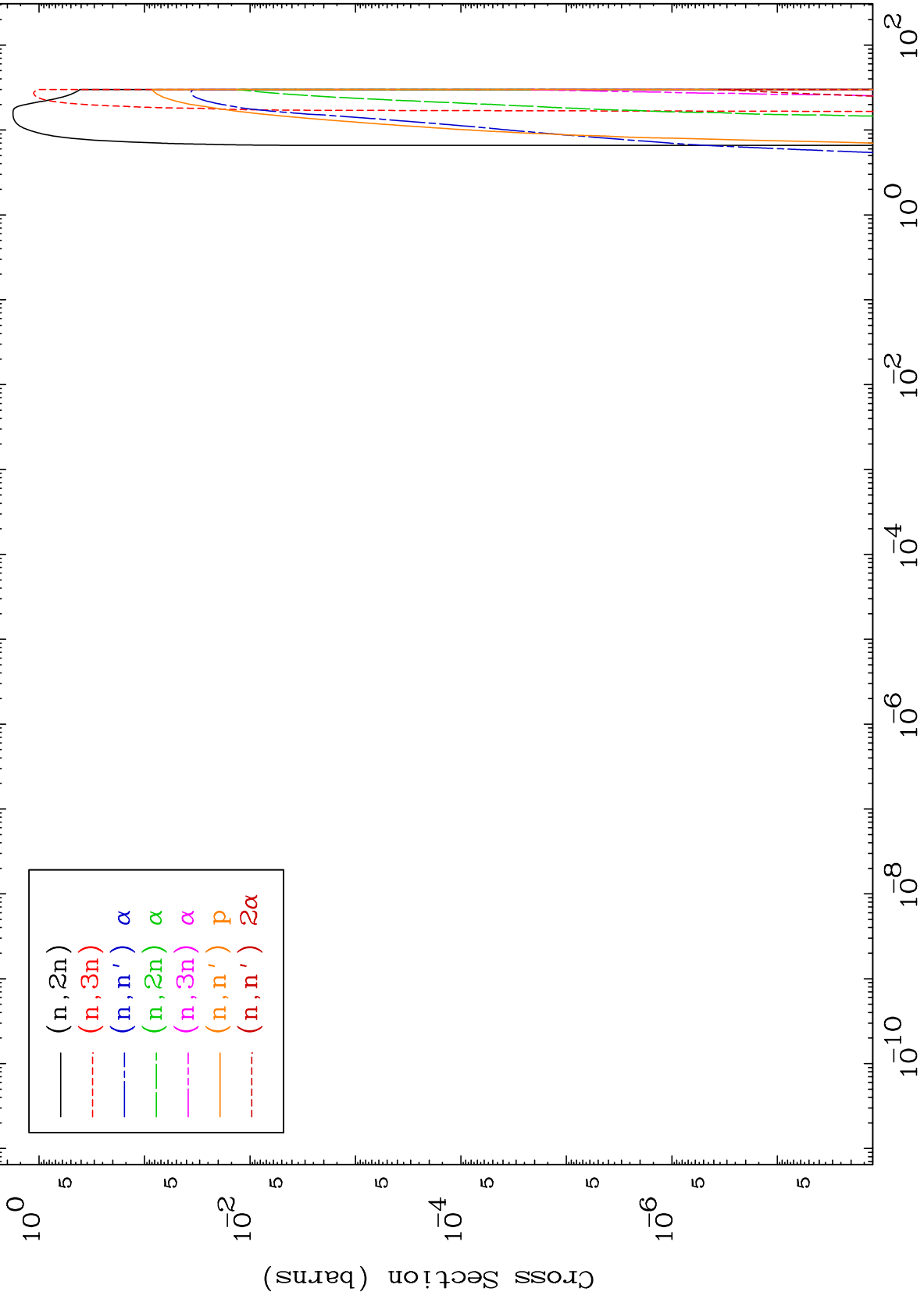
293 Kelvin Cross Sections

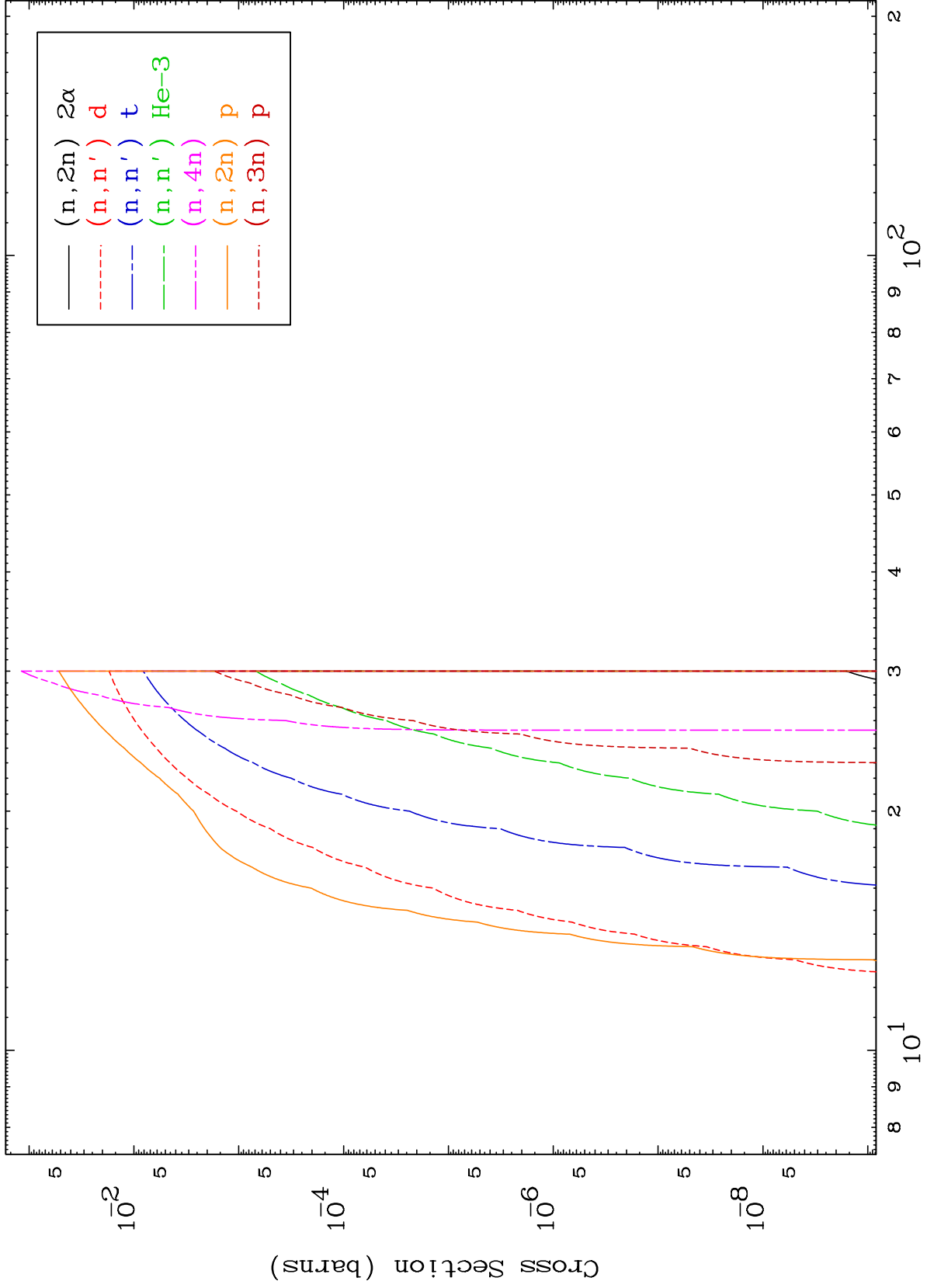


MAT 6140

Neutron Production  
293 Kelvin Cross Sections

61-Pm-144

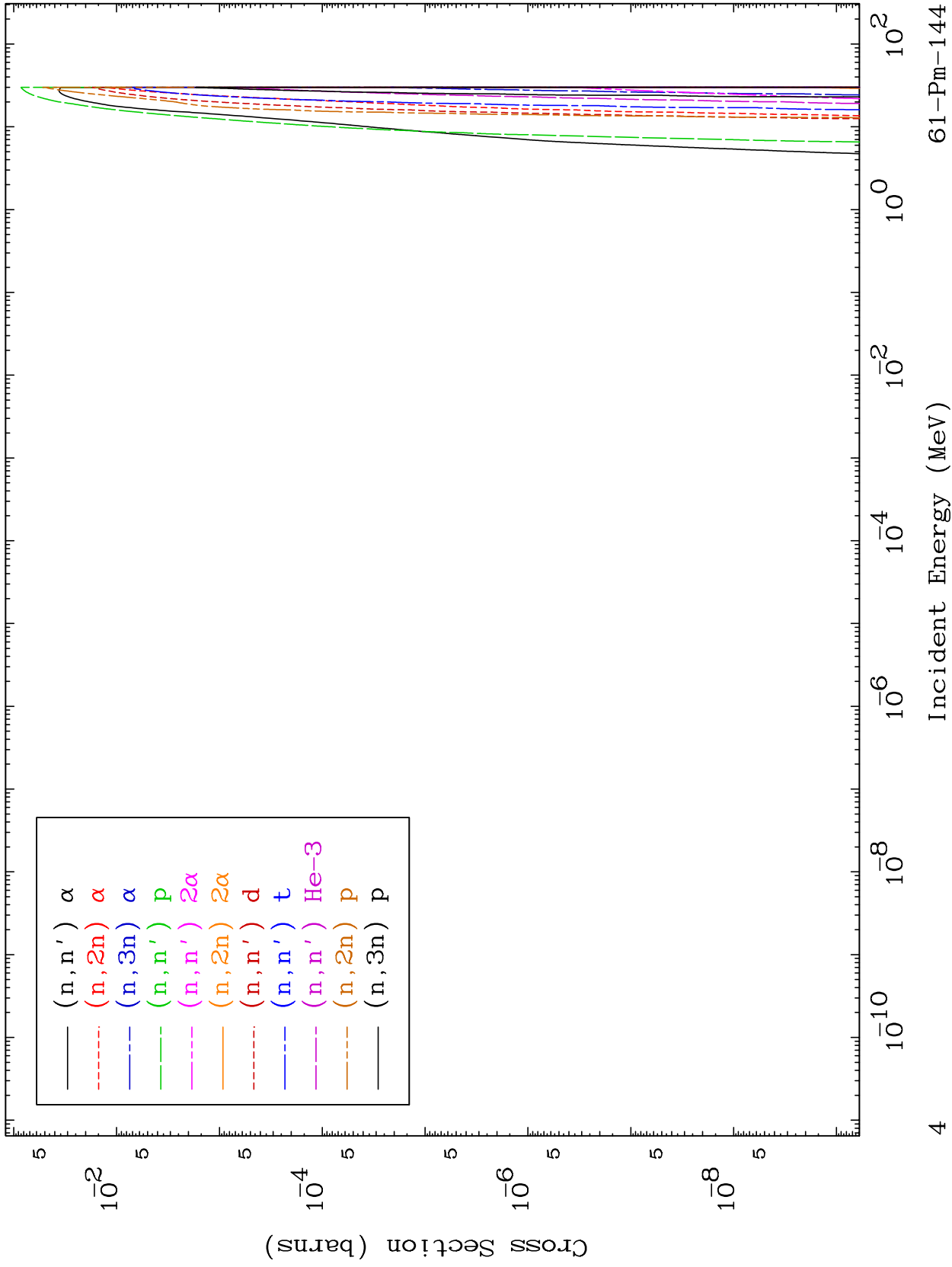




MAT 6140

Charged Particle  
293 Kelvin Cross Sections

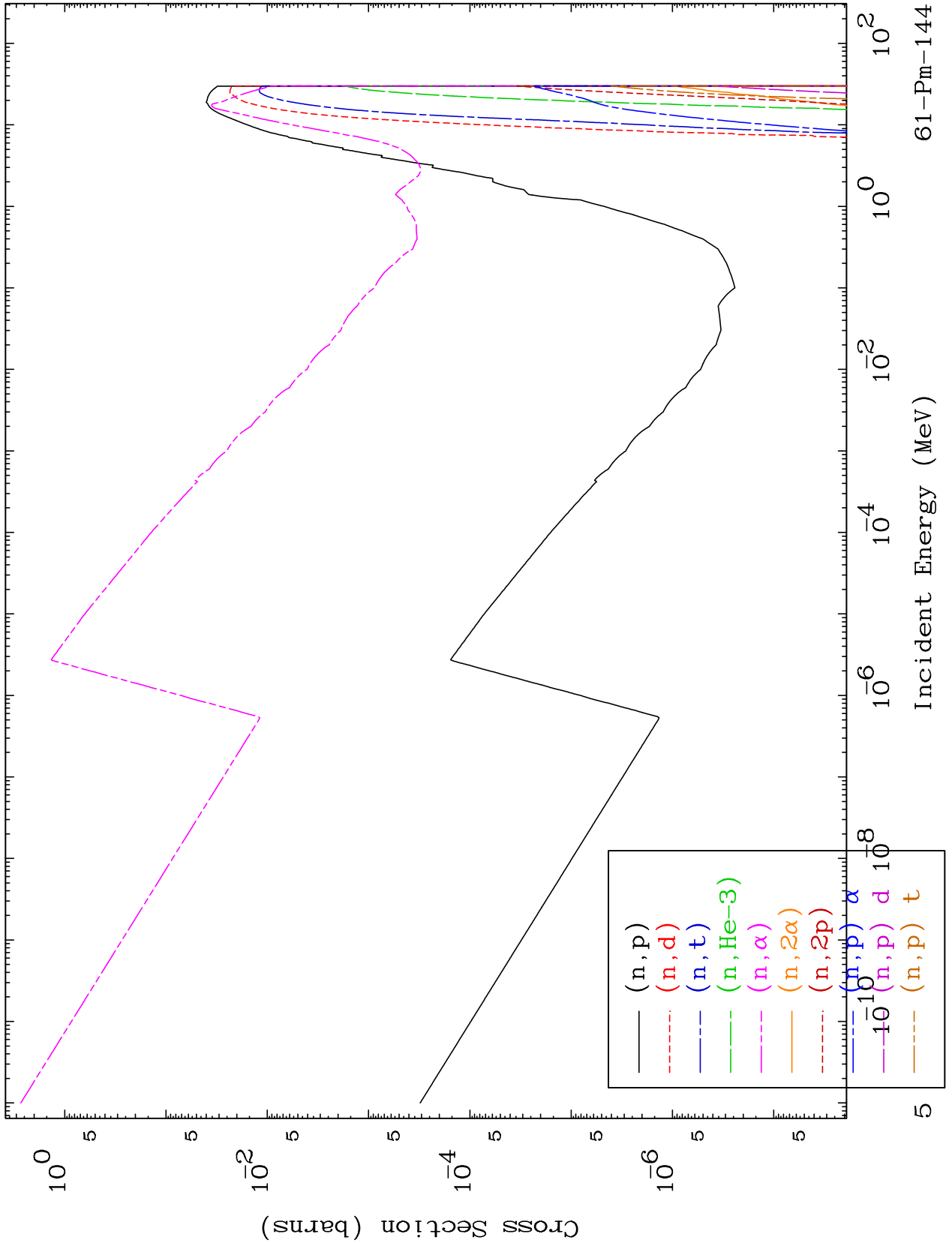
61-Pm-144



MAT 6140

Charged Particle  
293 Kelvin Cross Sections

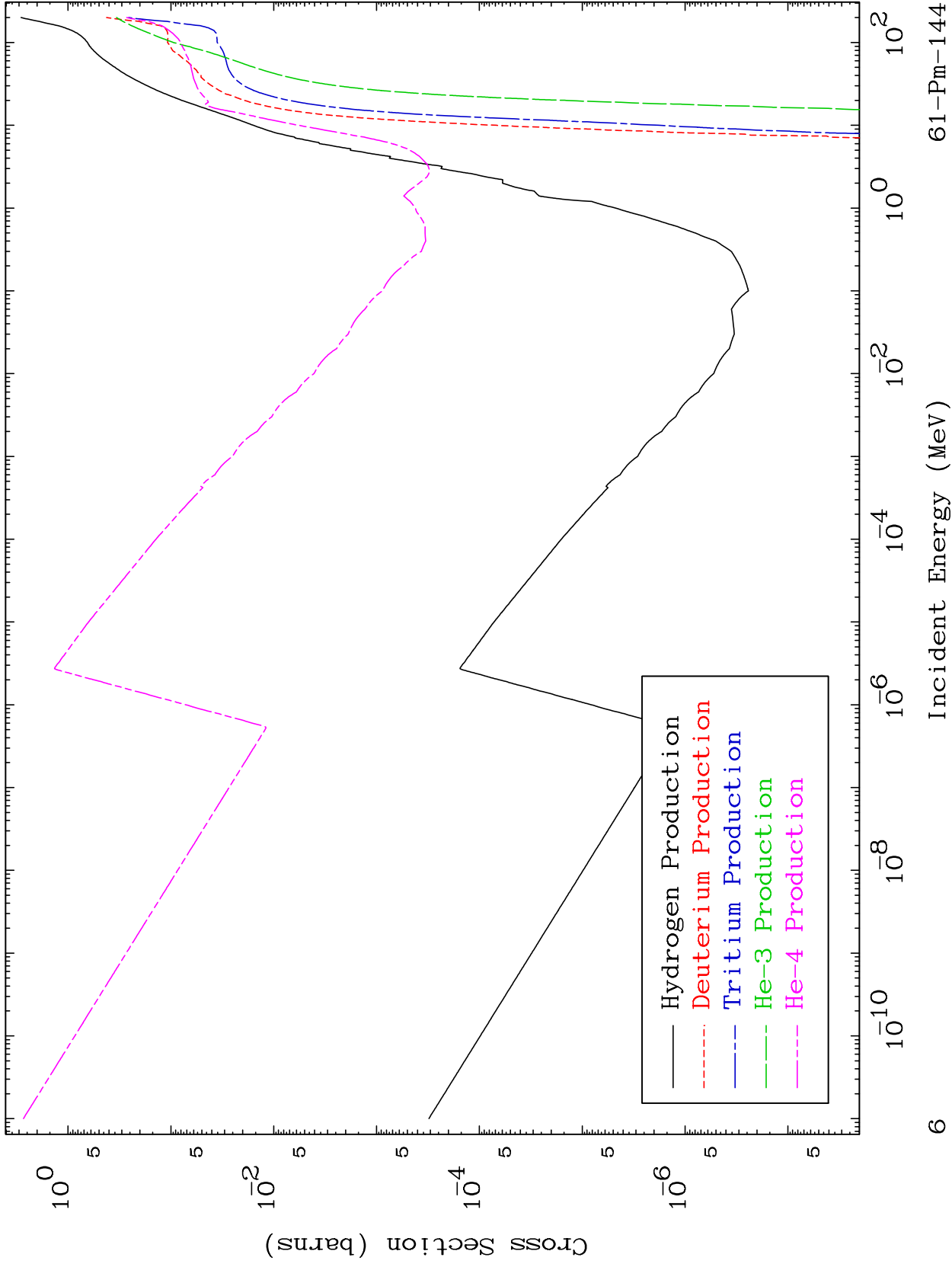
61-Pm-144



MAT 6140

Particle Production  
293 Kelvin Cross Sections

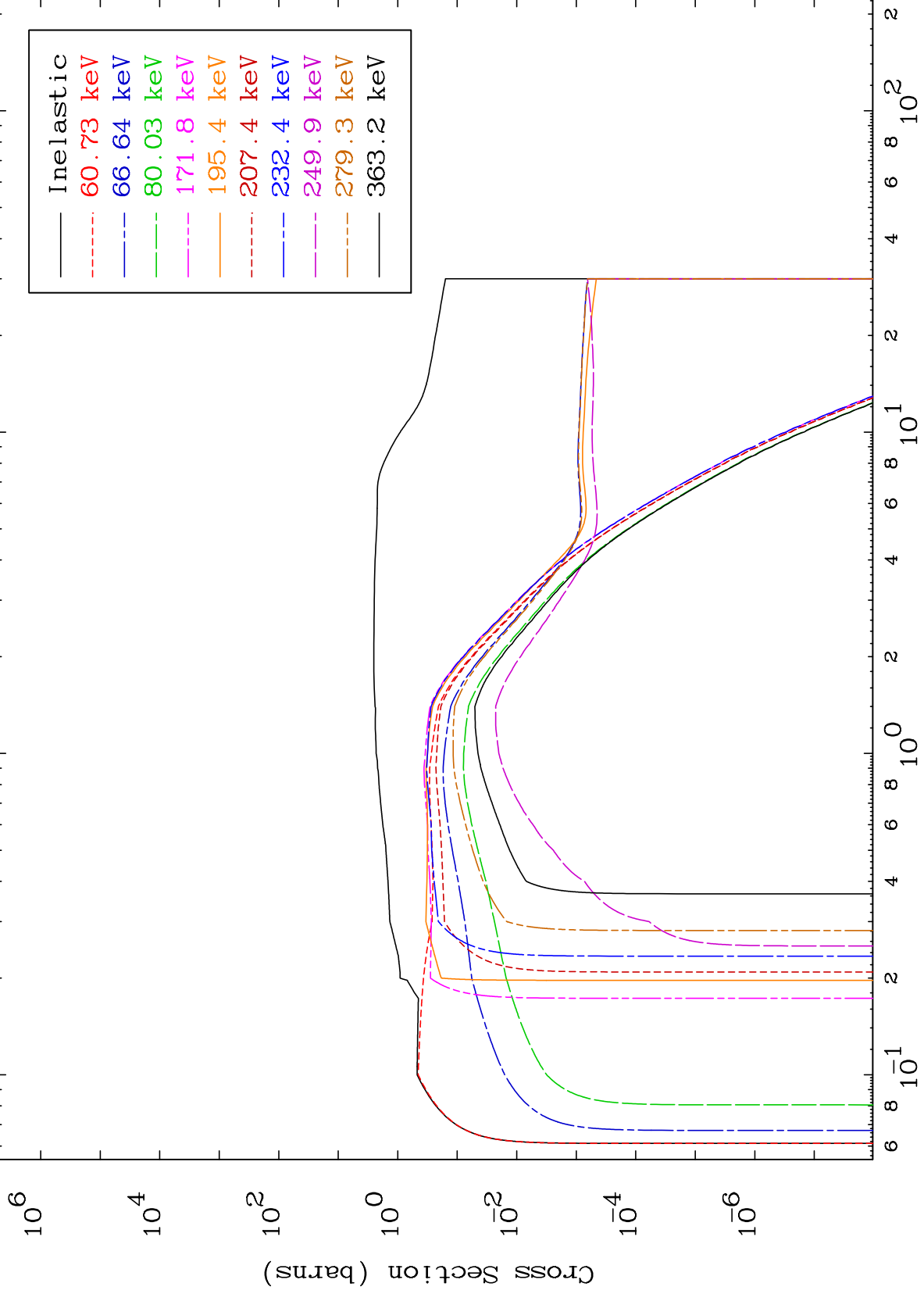
61-Pm-144



MAT 6140

(n,n') Level  
293 Kelvin Cross Sections

61-Pm-144



7

Incident Energy (MeV)

61-Pm-144

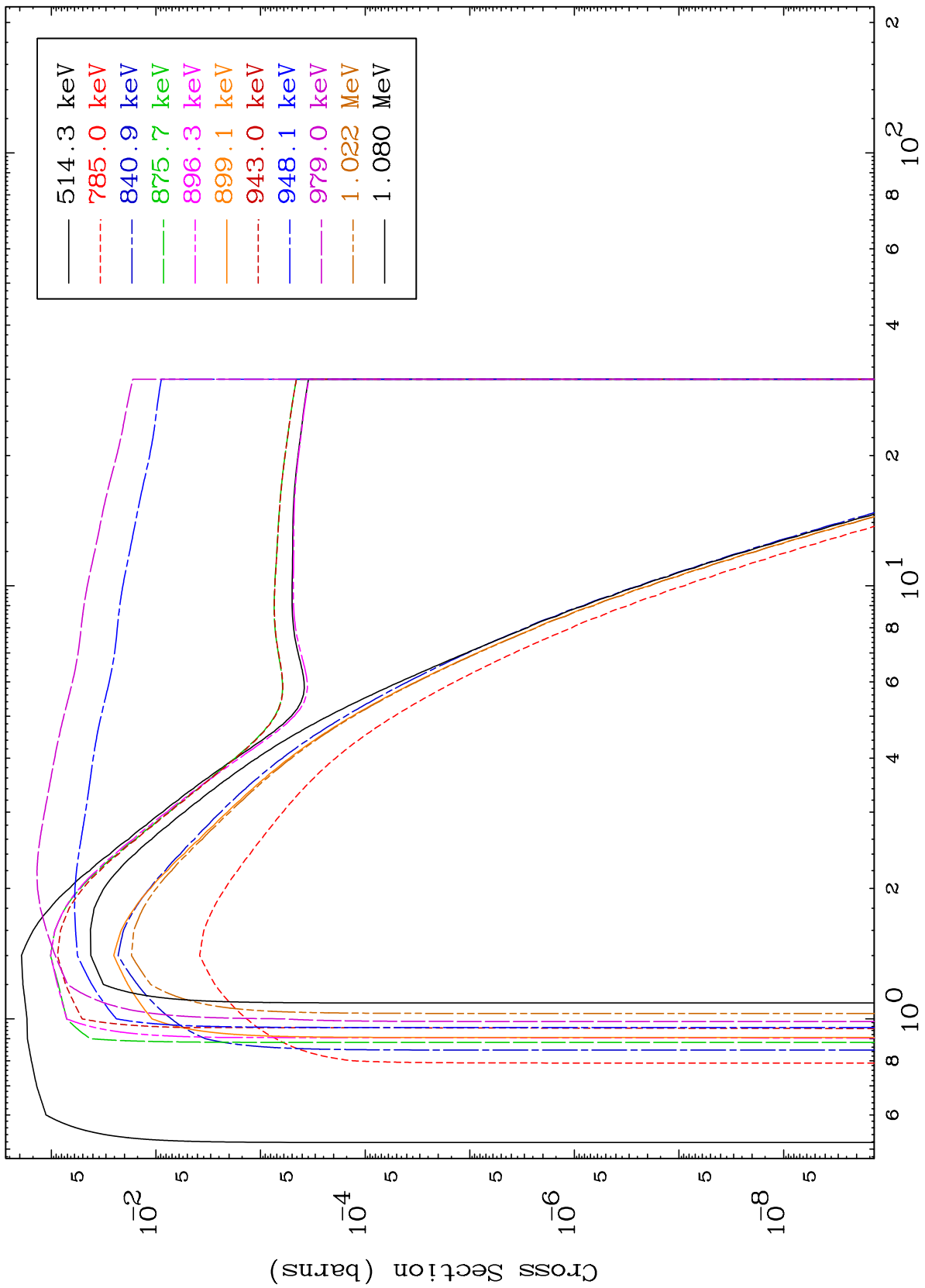


MAT 6140

(n,n') Level

61-Pm-144

293 Kelvin Cross Sections



8

Incident Energy (MeV)

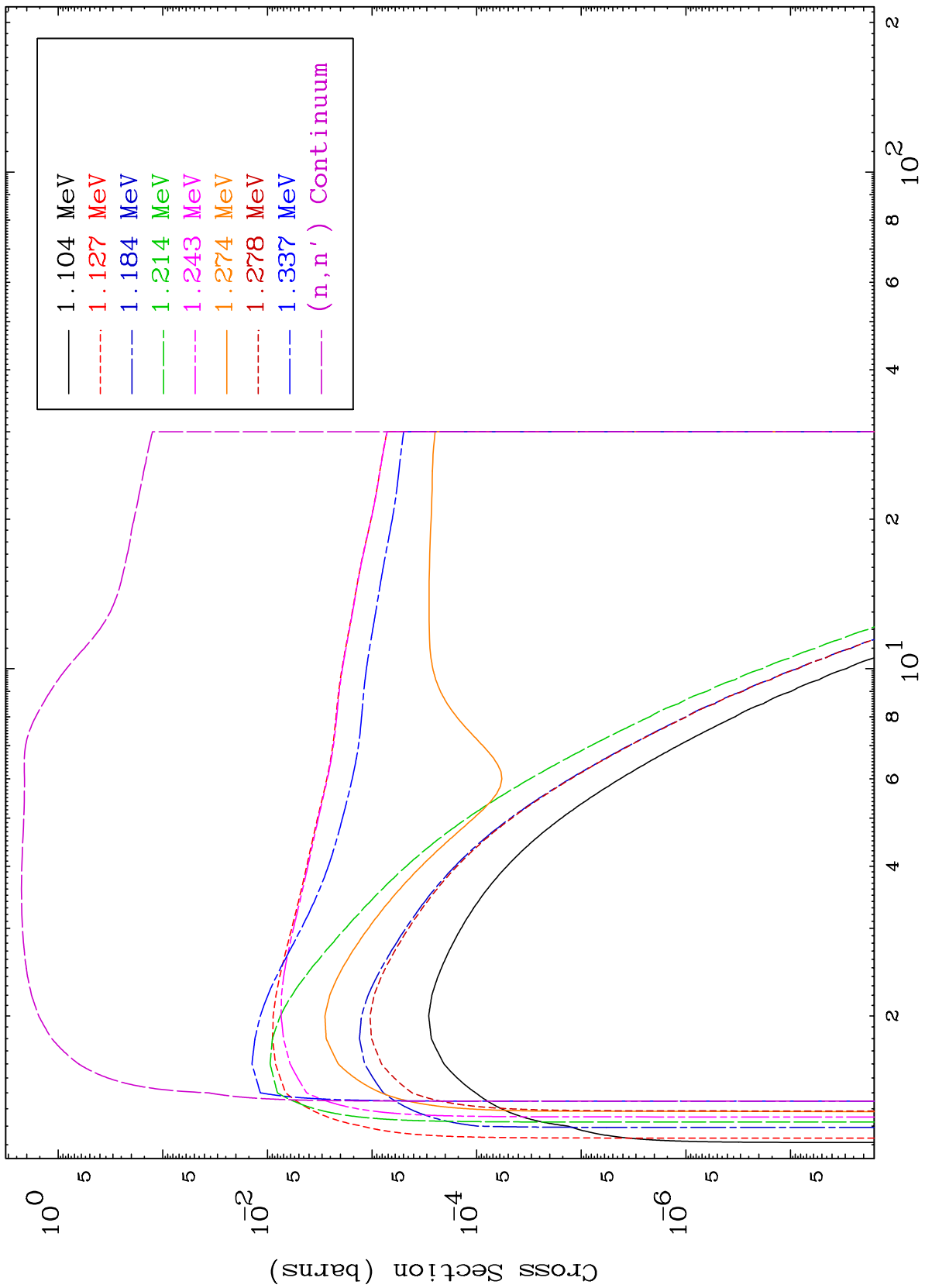
61-Pm-144

MAT 6140

(n,n') Level

61-Pm-144

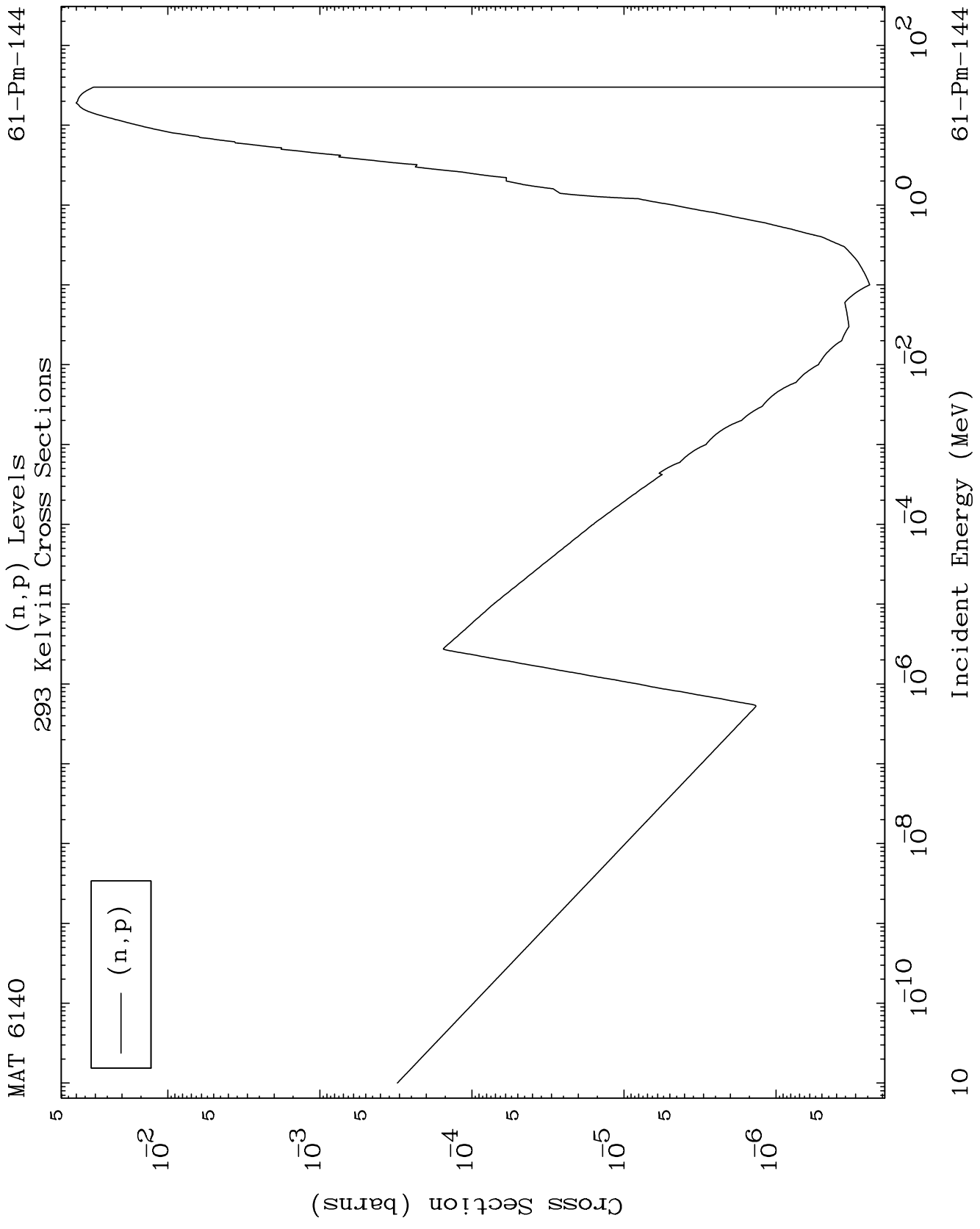
293 Kelvin Cross Sections



9

Incident Energy (MeV)

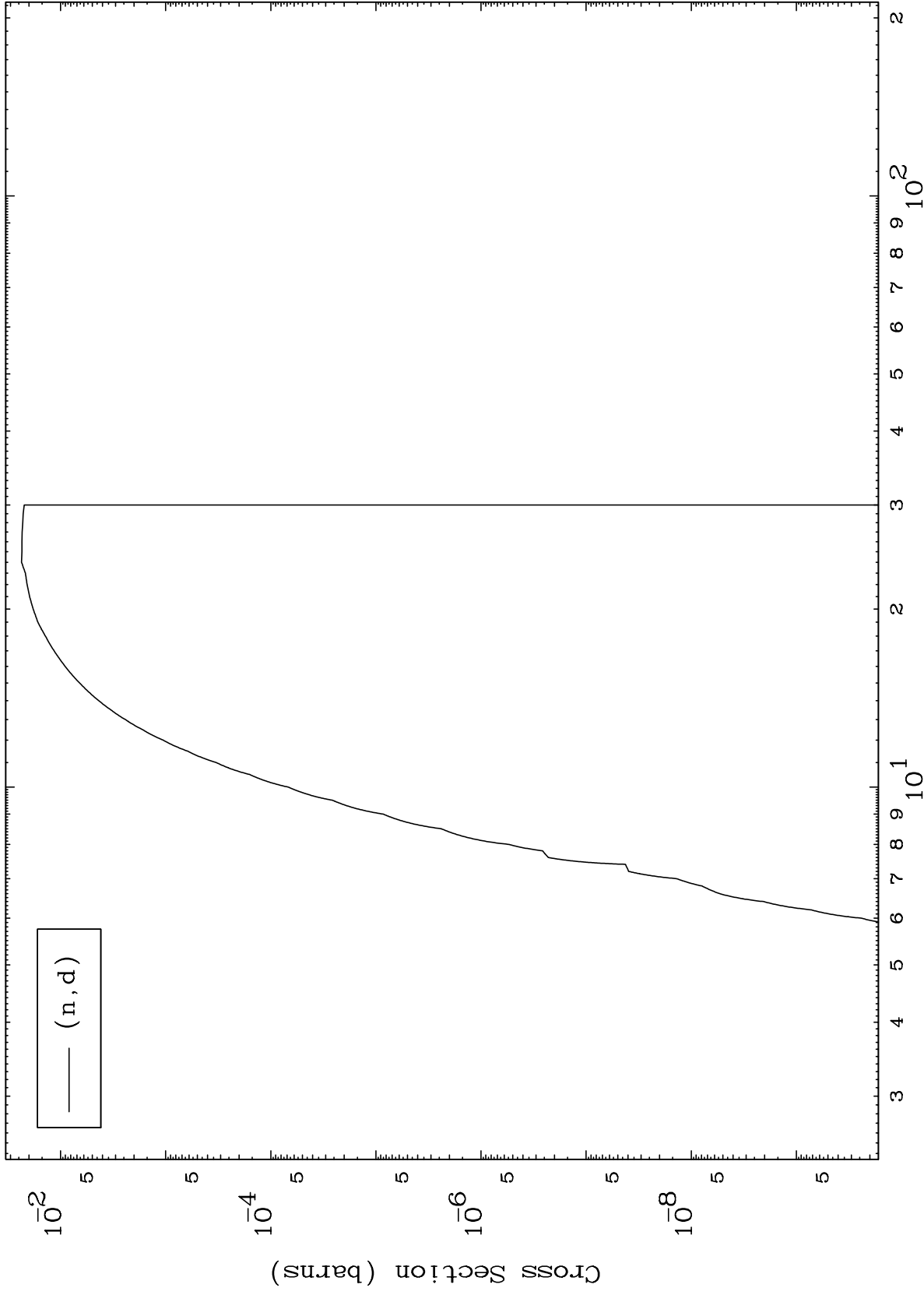
61-Pm-144



MAT 6140

(n,d) Levels  
293 Kelvin Cross Sections

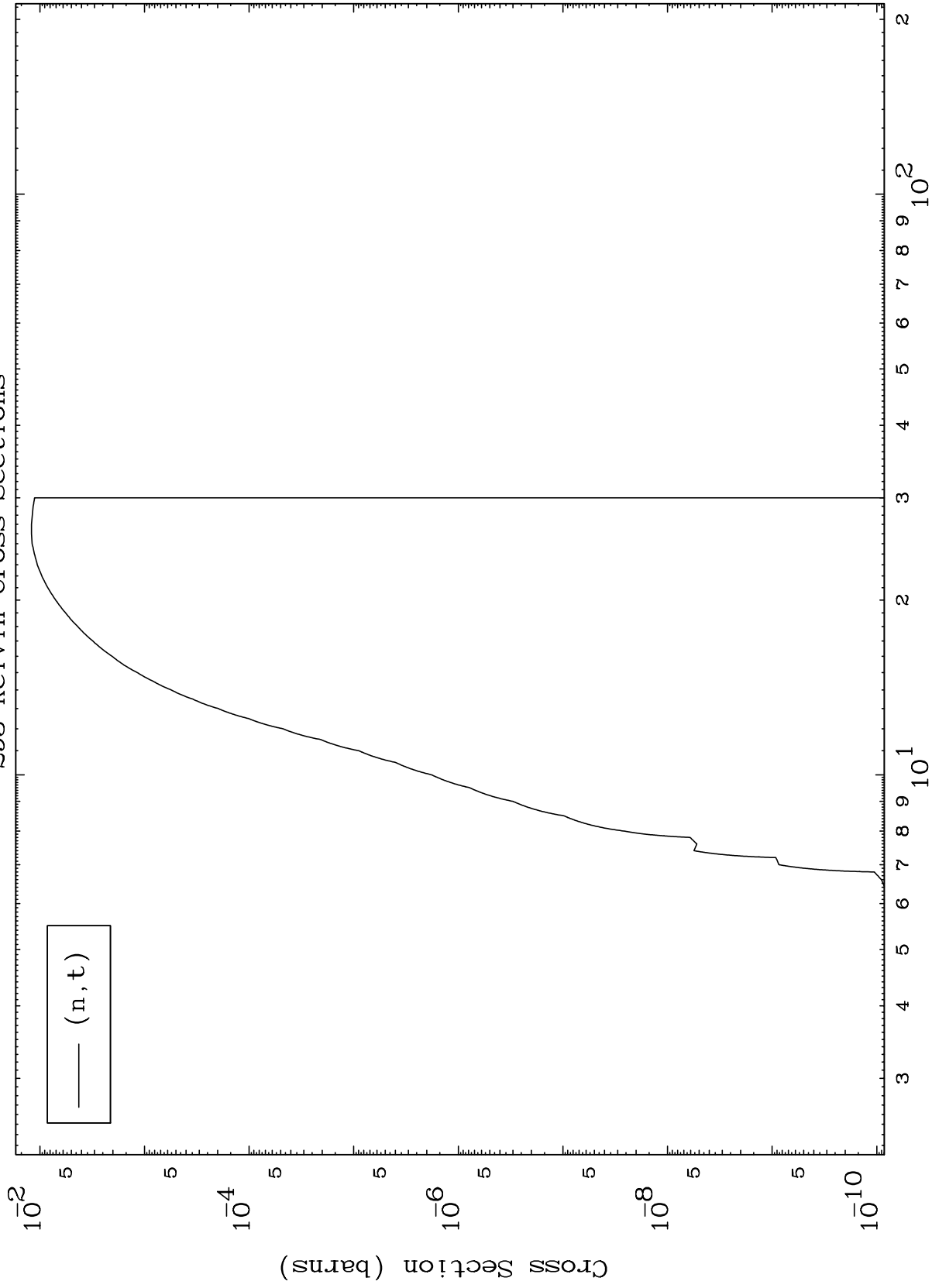
61-Pm-144



MAT 6140

(n,t) Levels  
293 Kelvin Cross Sections

61-Pm-144



12

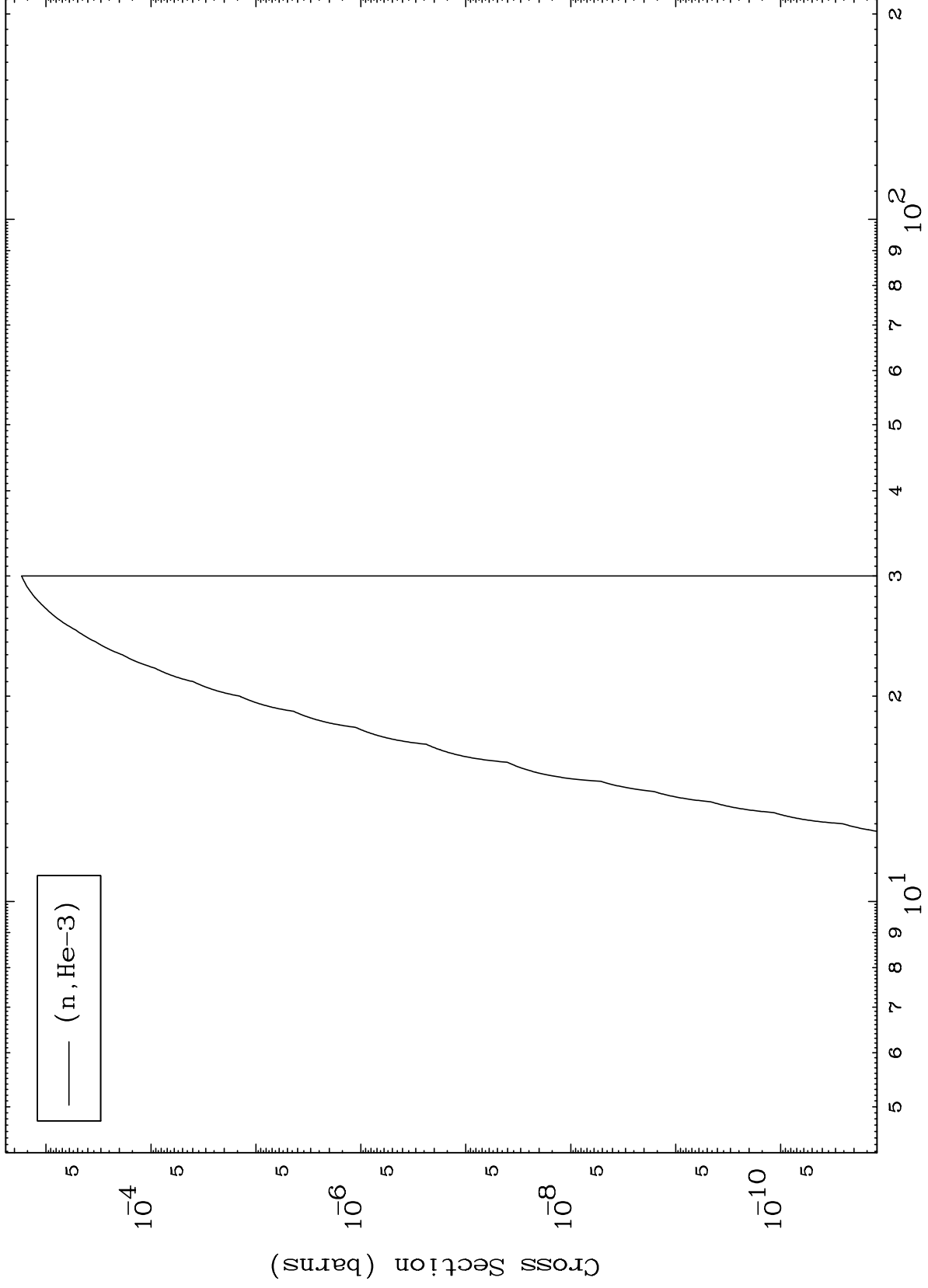
Incident Energy (MeV)

61-Pm-144

MAT 6140

(n,He3) Levels  
293 Kelvin Cross Sections

61-Pm-144



13

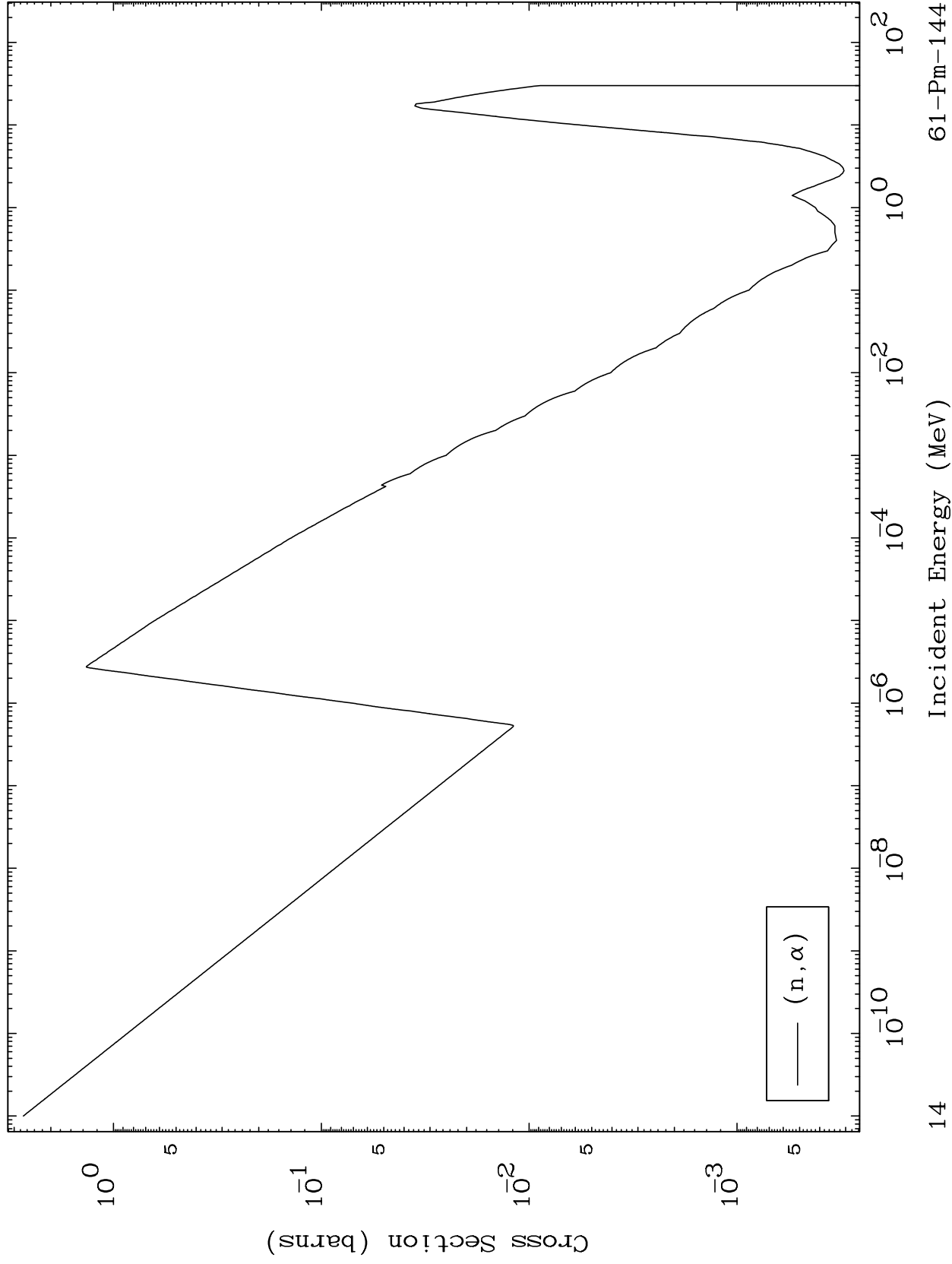
Incident Energy (MeV)

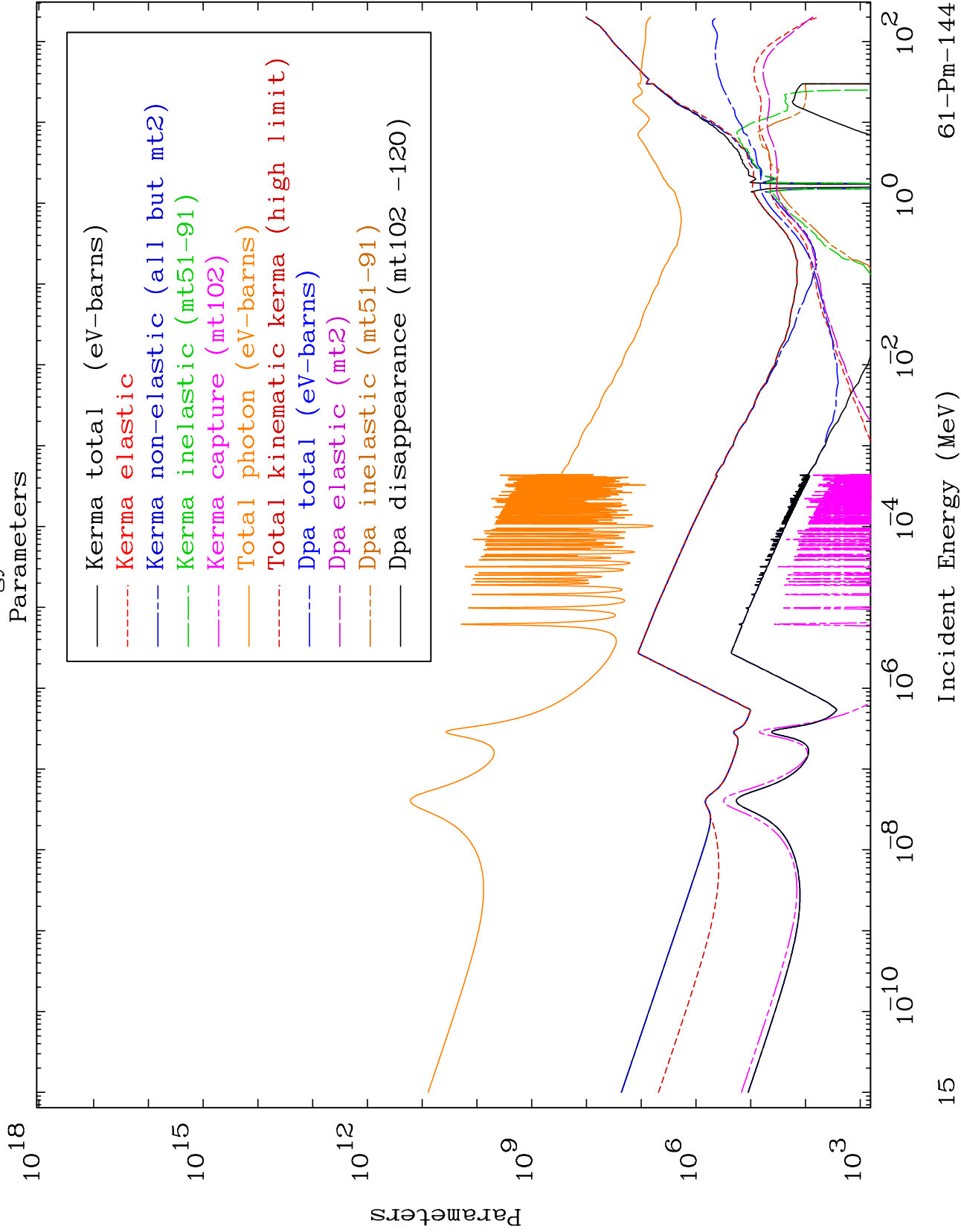
61-Pm-144

MAT 6140

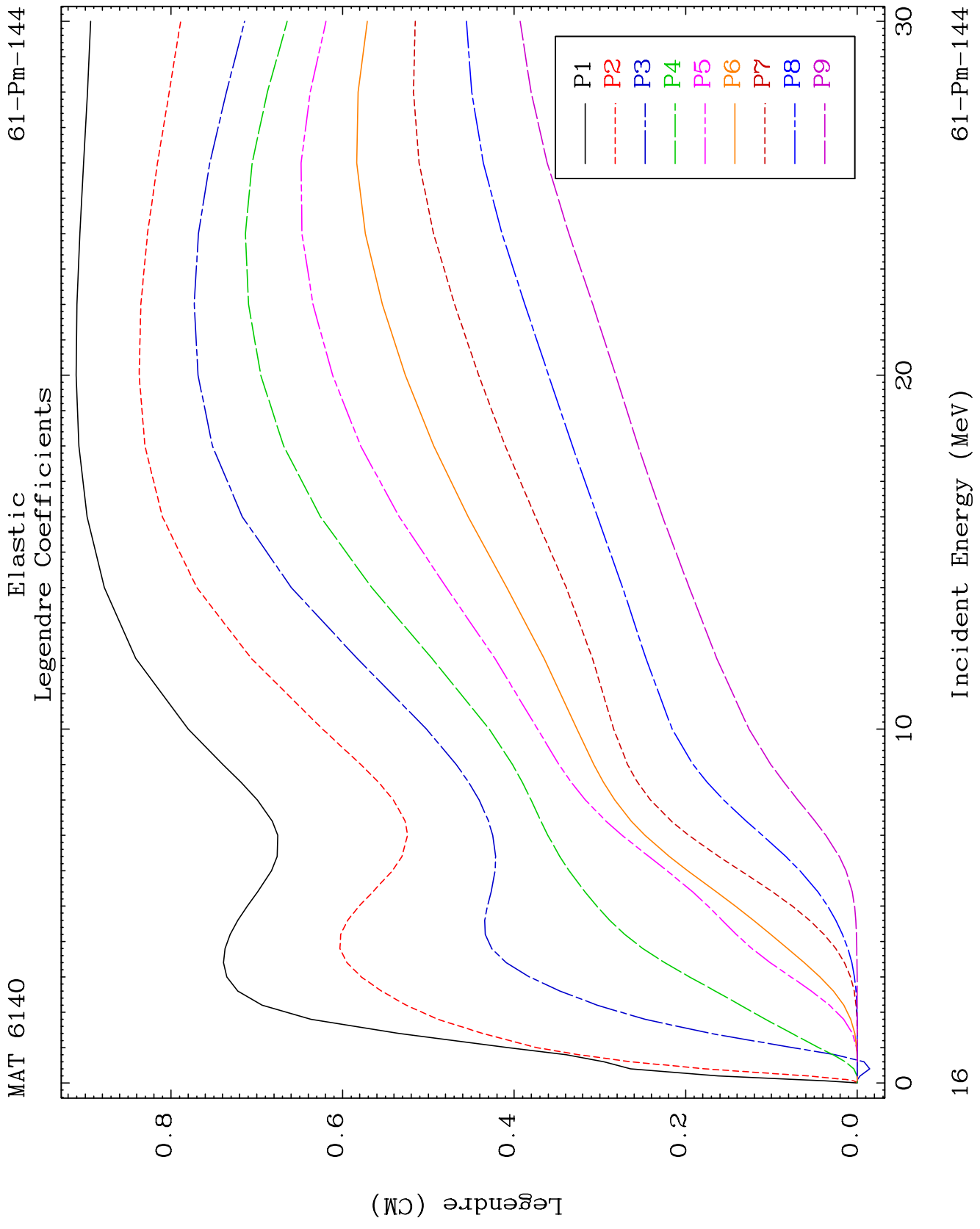
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

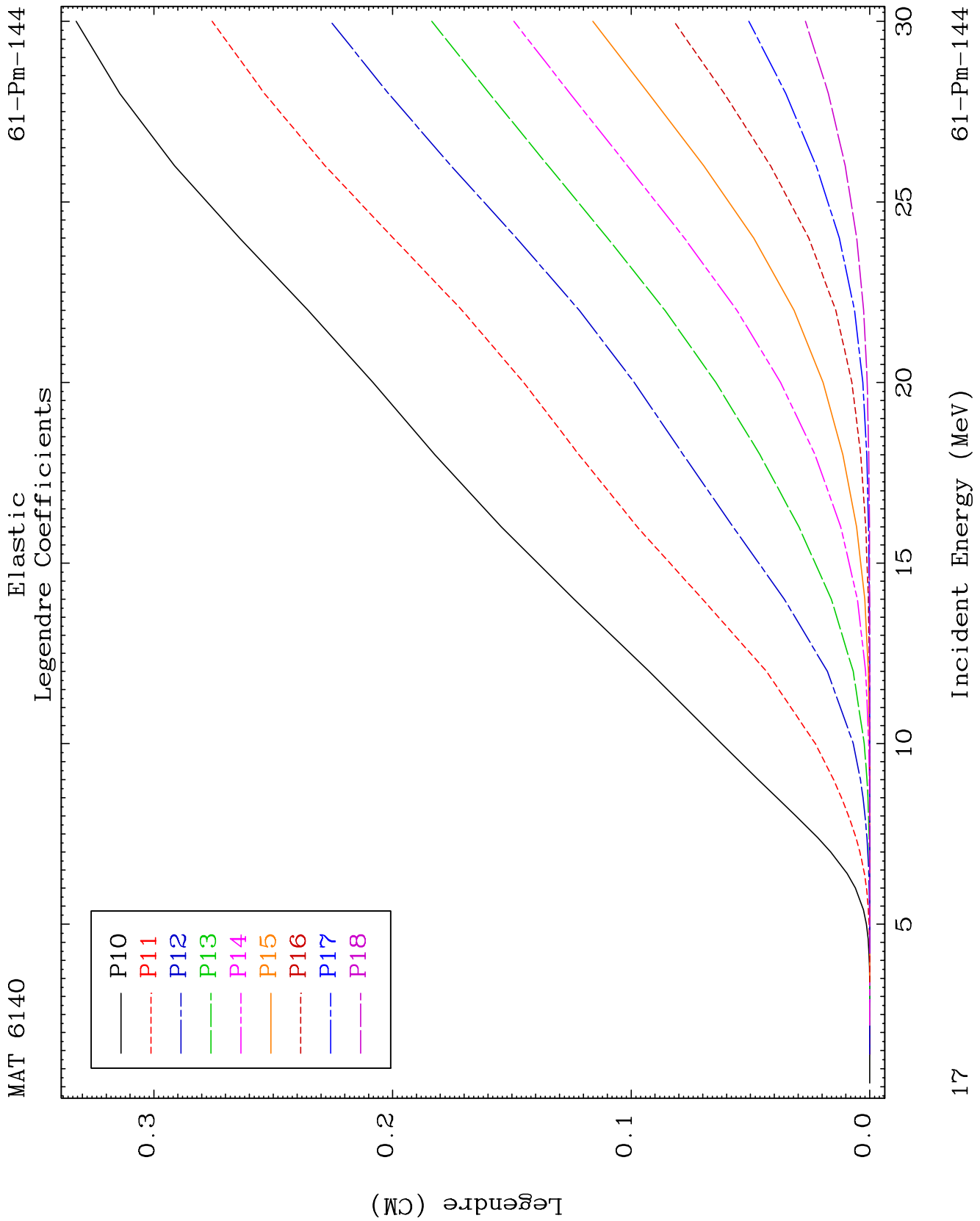
61-Pm-144







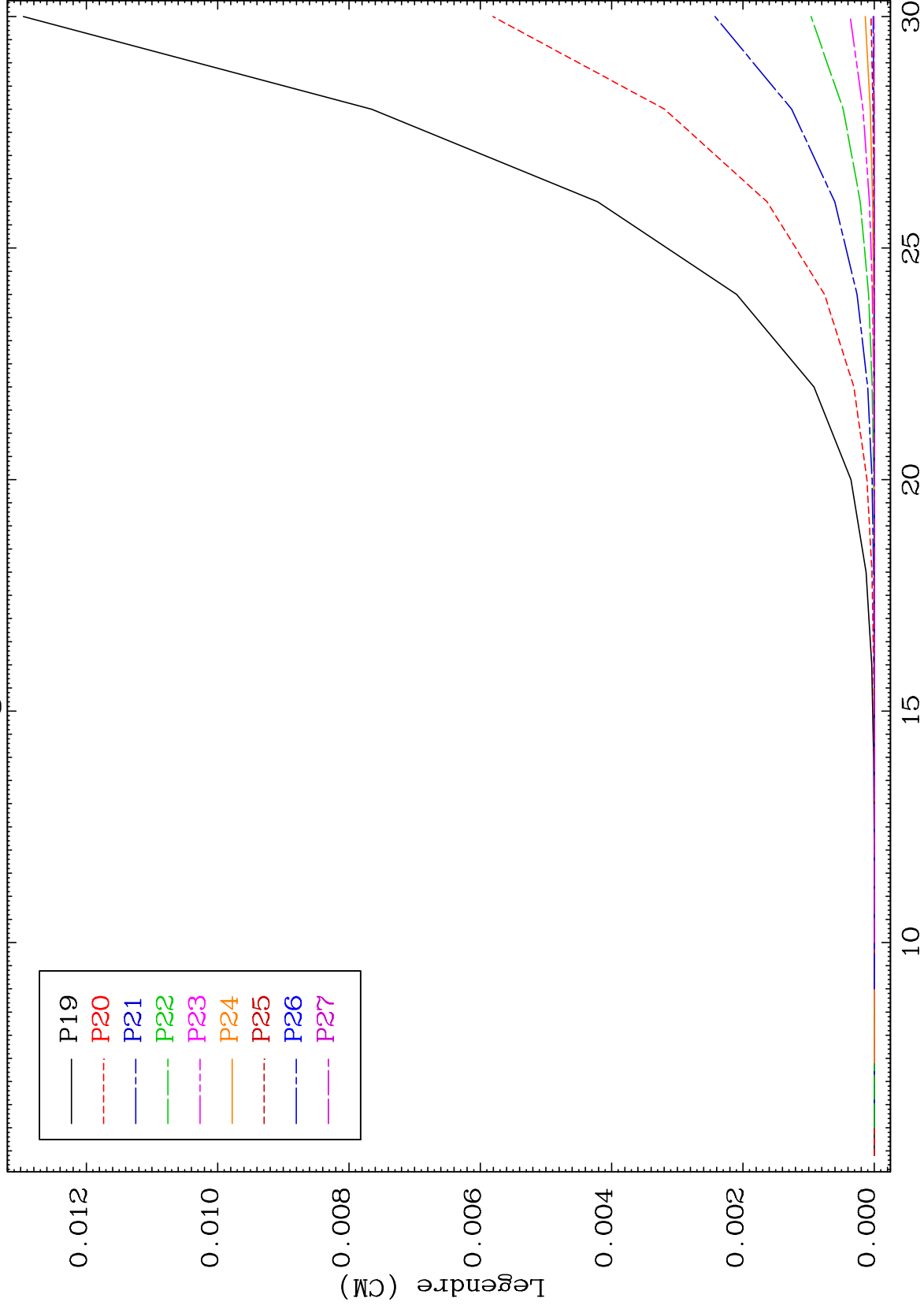




MAT 6140

### Elastic Legendre Coefficients

61-Pm-144



18

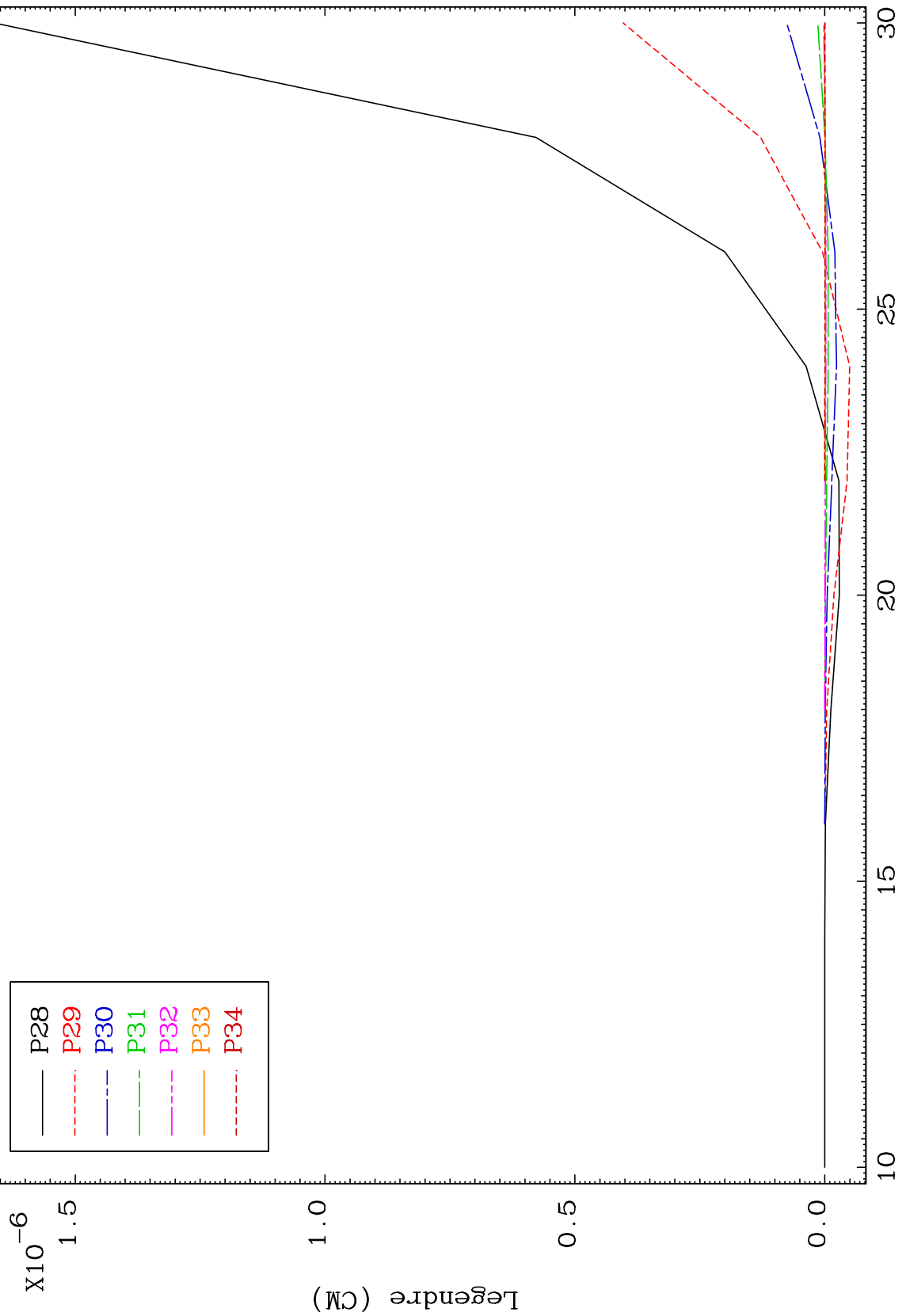
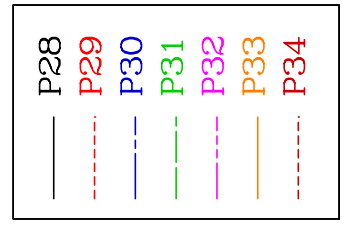
Incident Energy (MeV)

61-Pm-144

MAT 6140

Elastic Legendre Coefficients

61-Pm-144



61-Pm-144

Incident Energy (MeV)

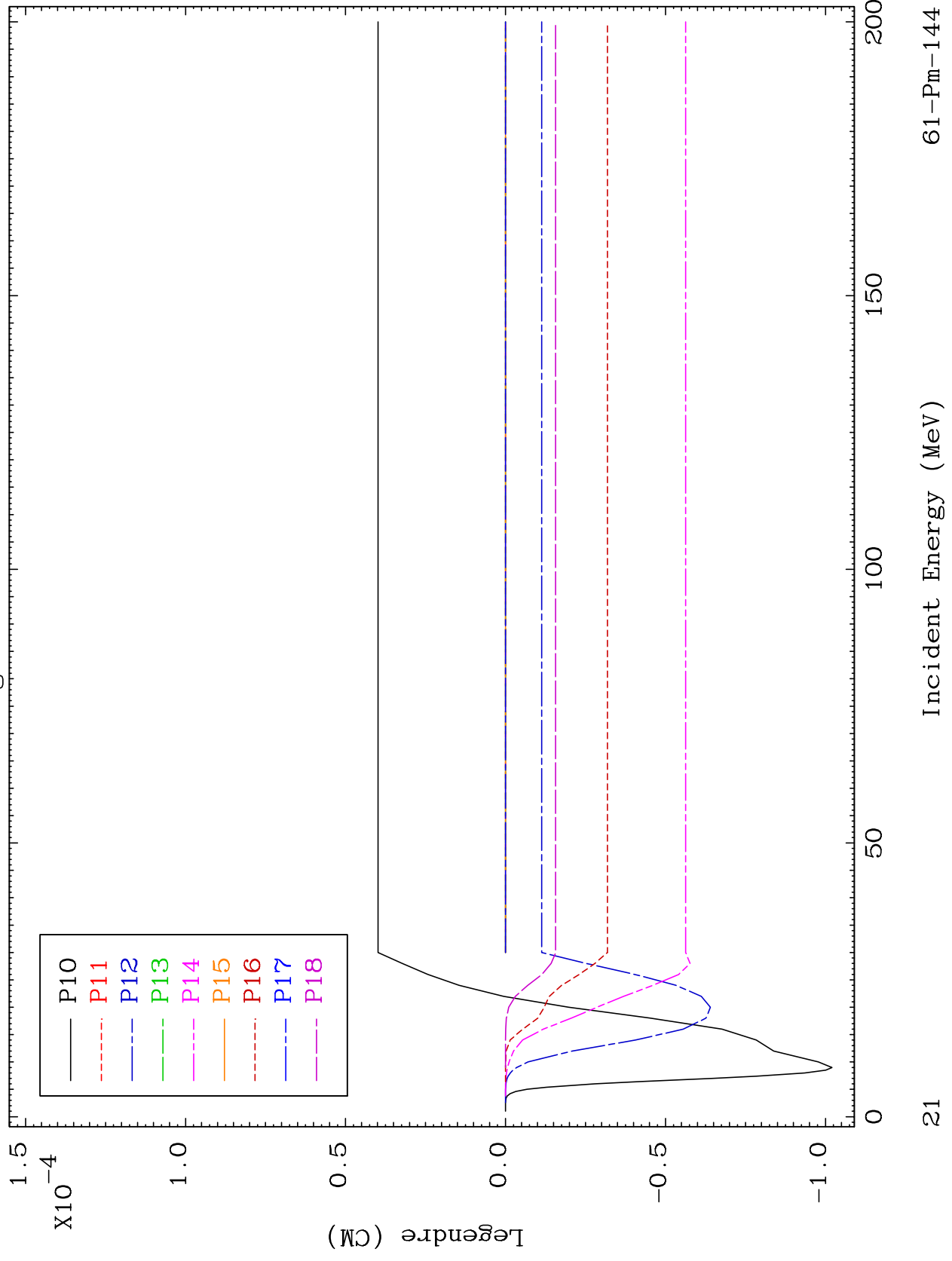
19



MAT 6140

60.73 keV (n,n') Level  
Legendre Coefficients

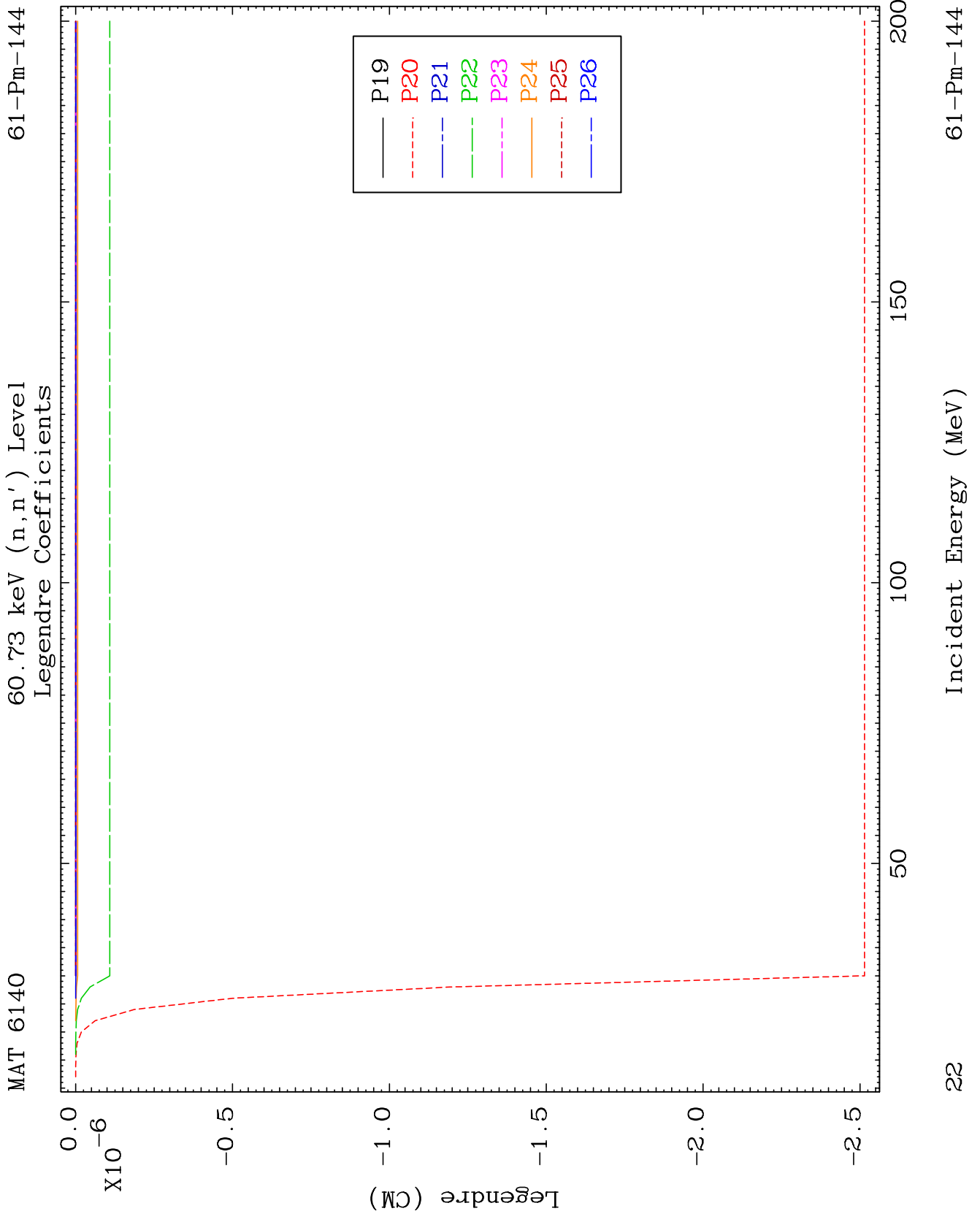
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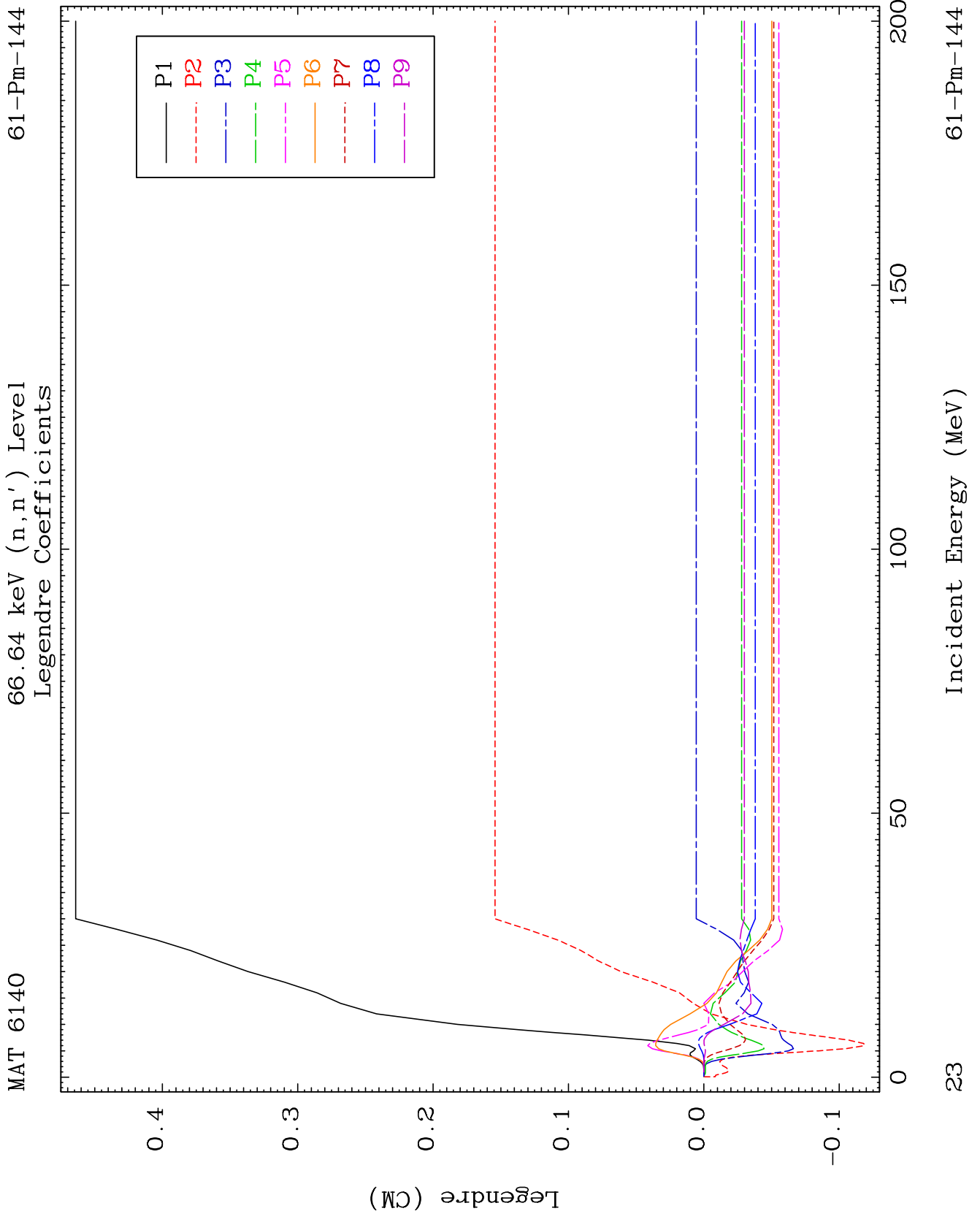


21

Incident Energy (MeV)

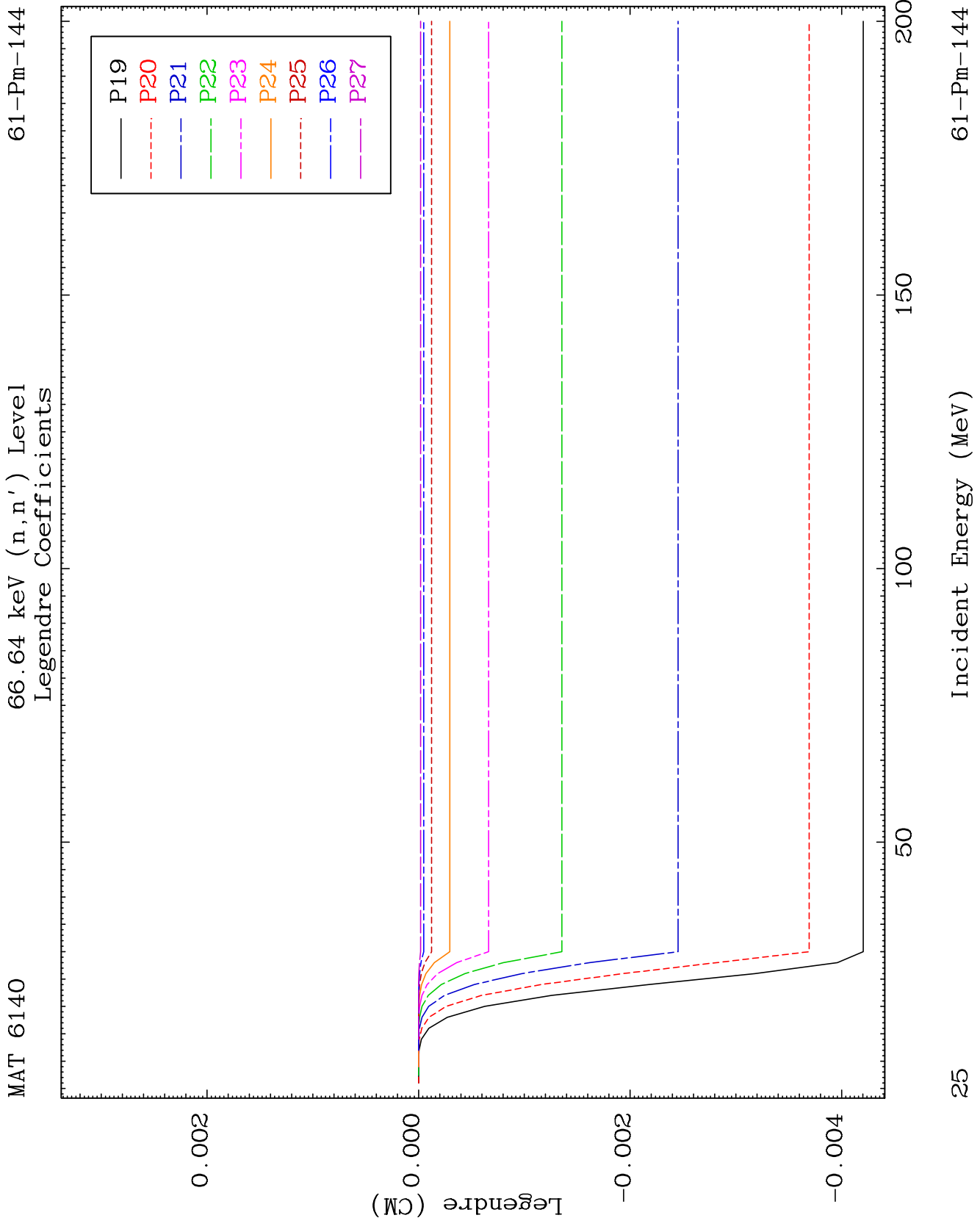
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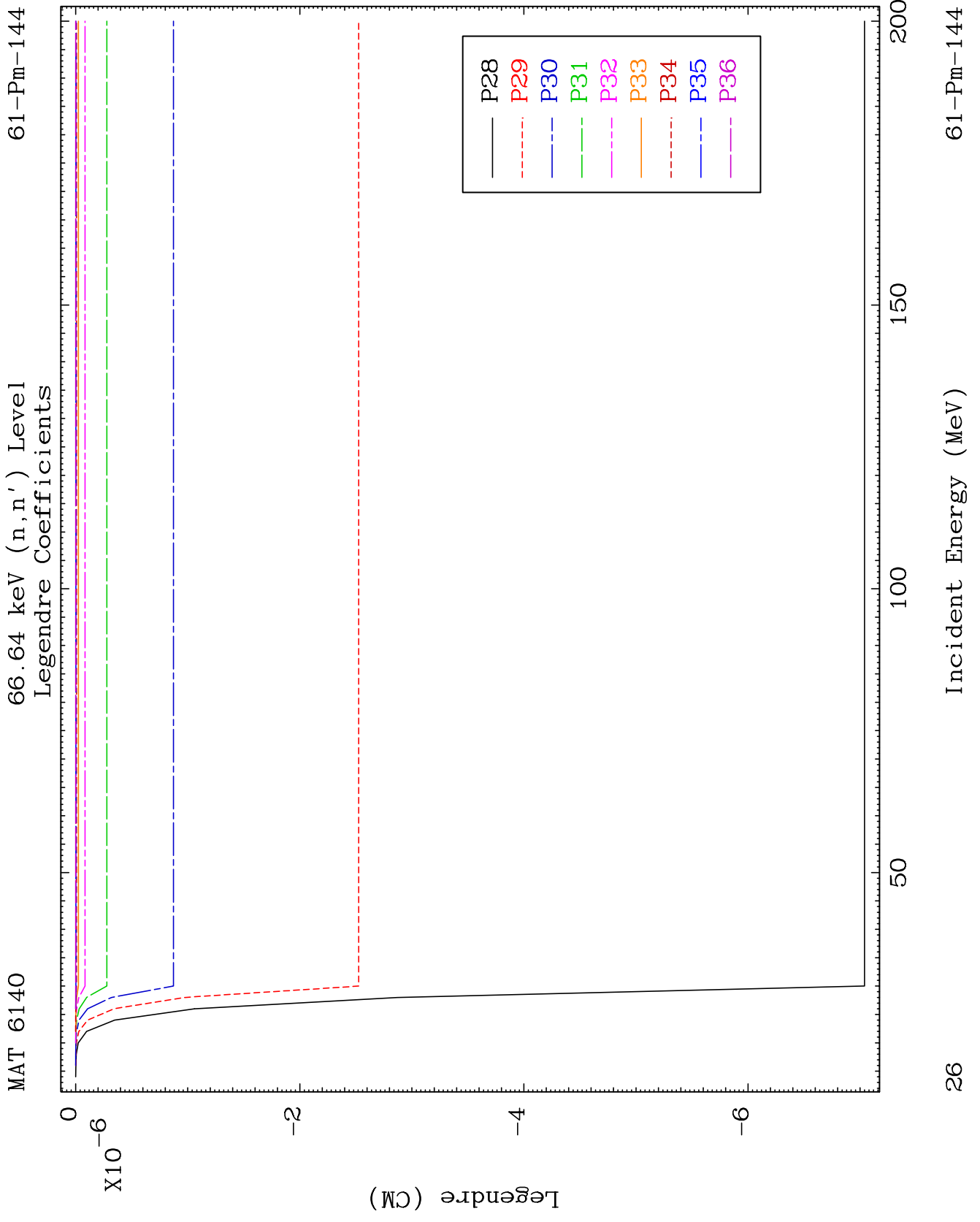


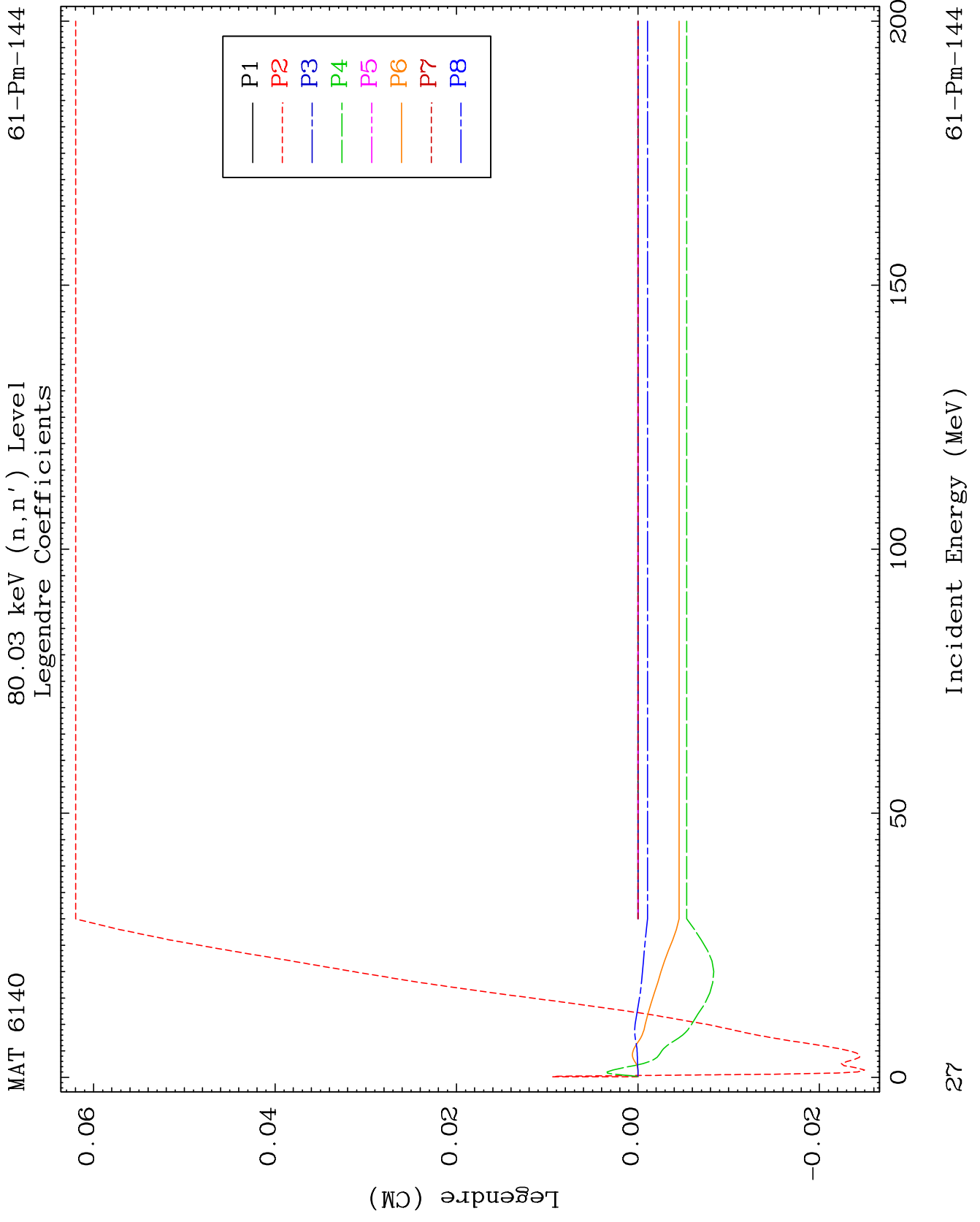


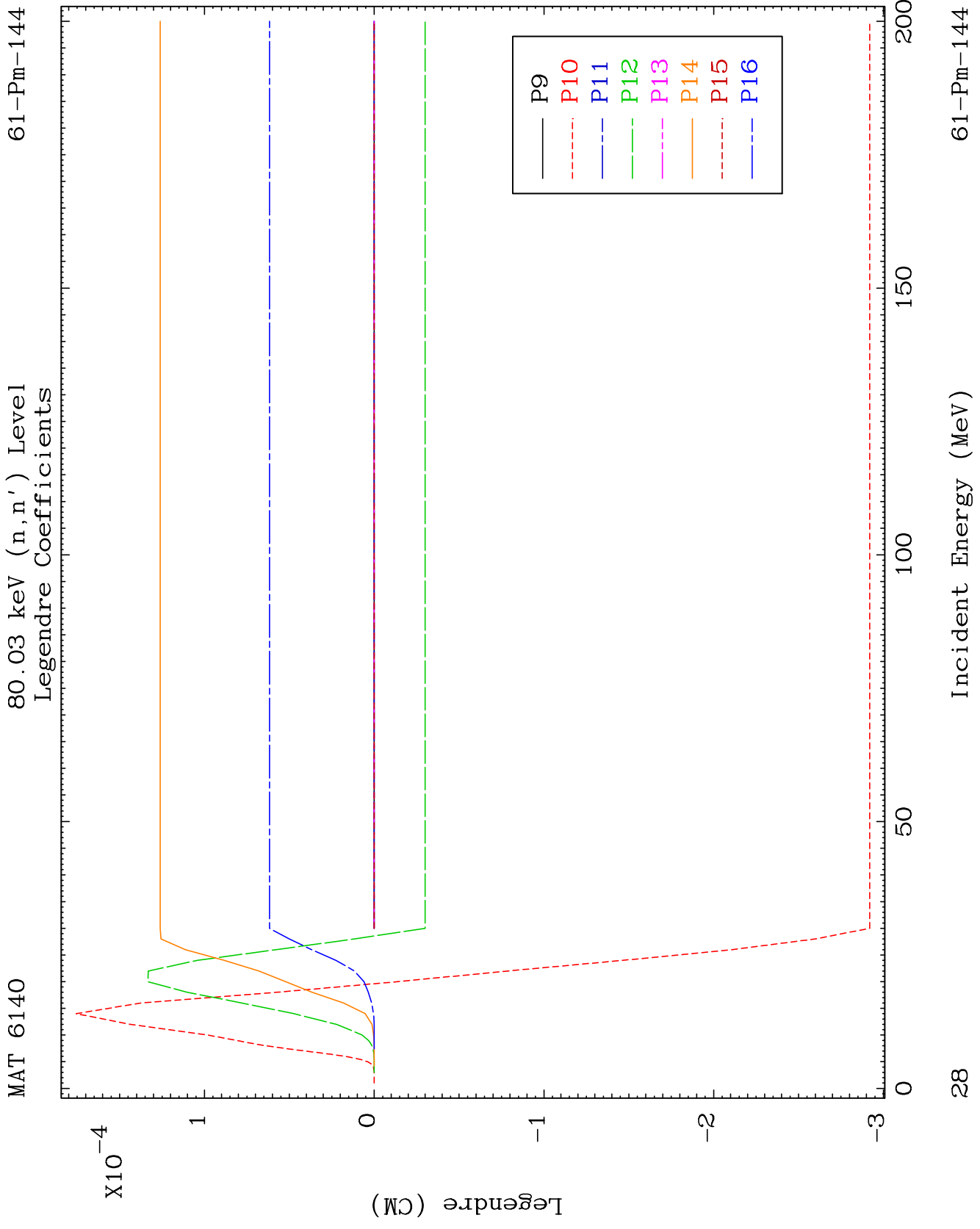


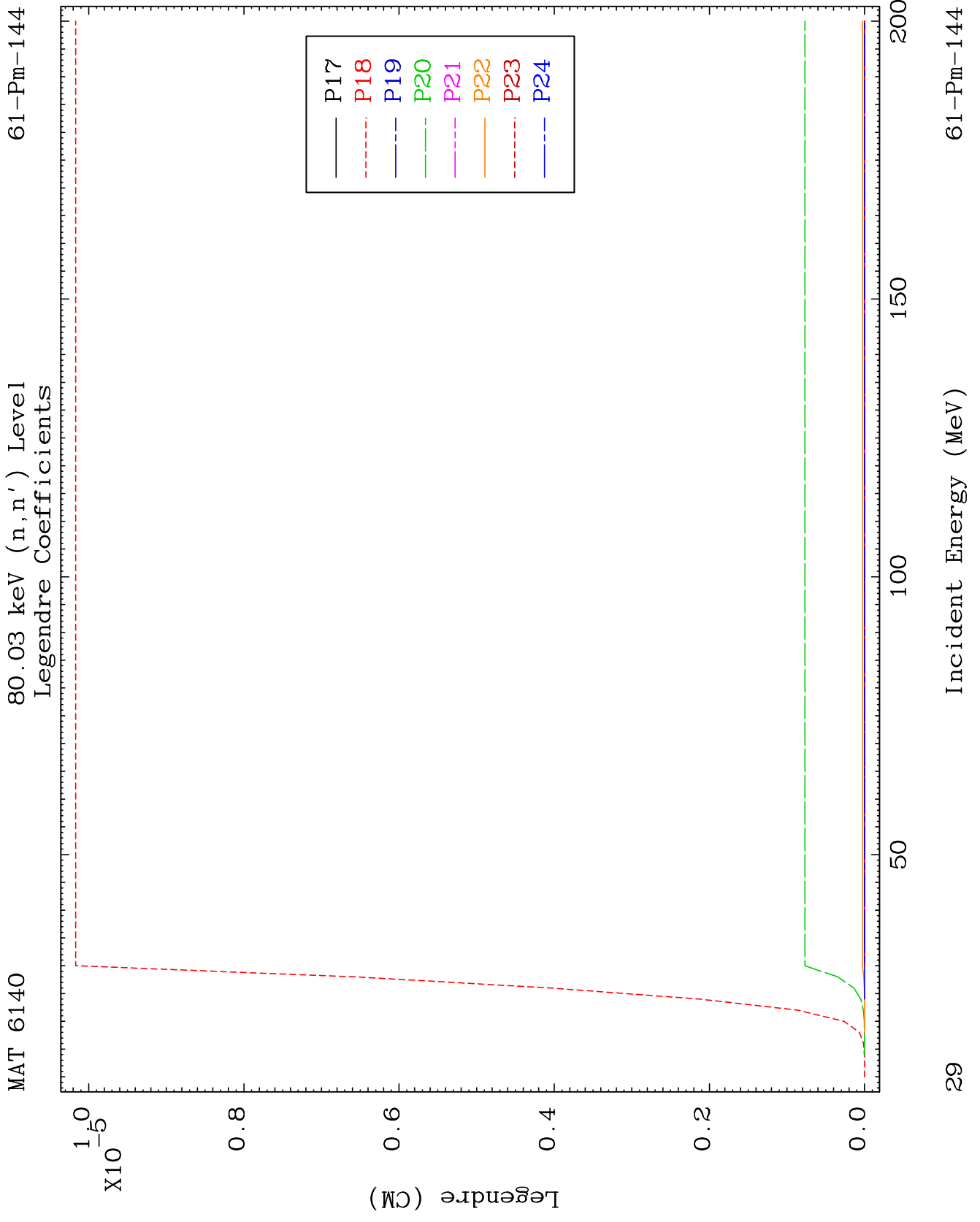




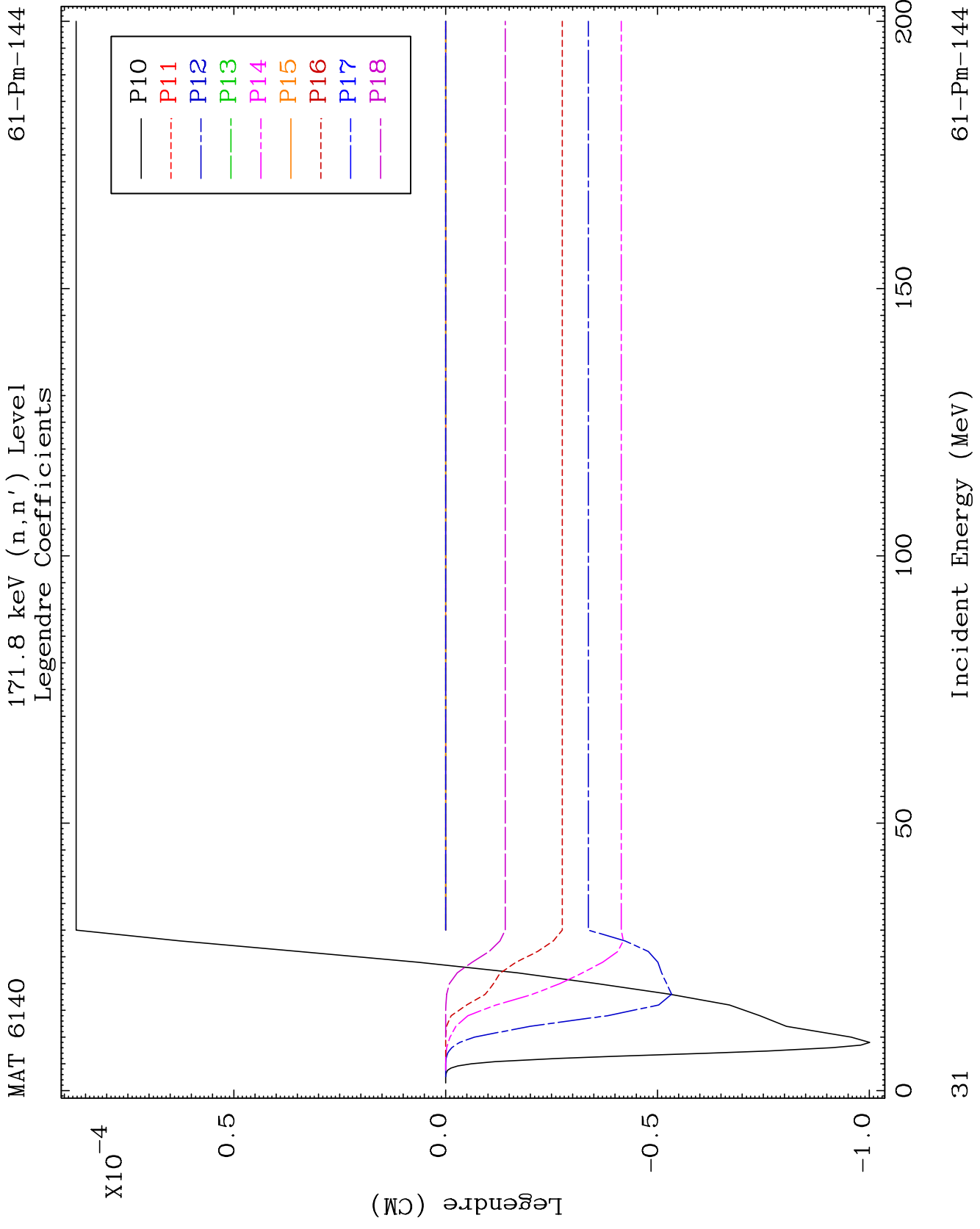




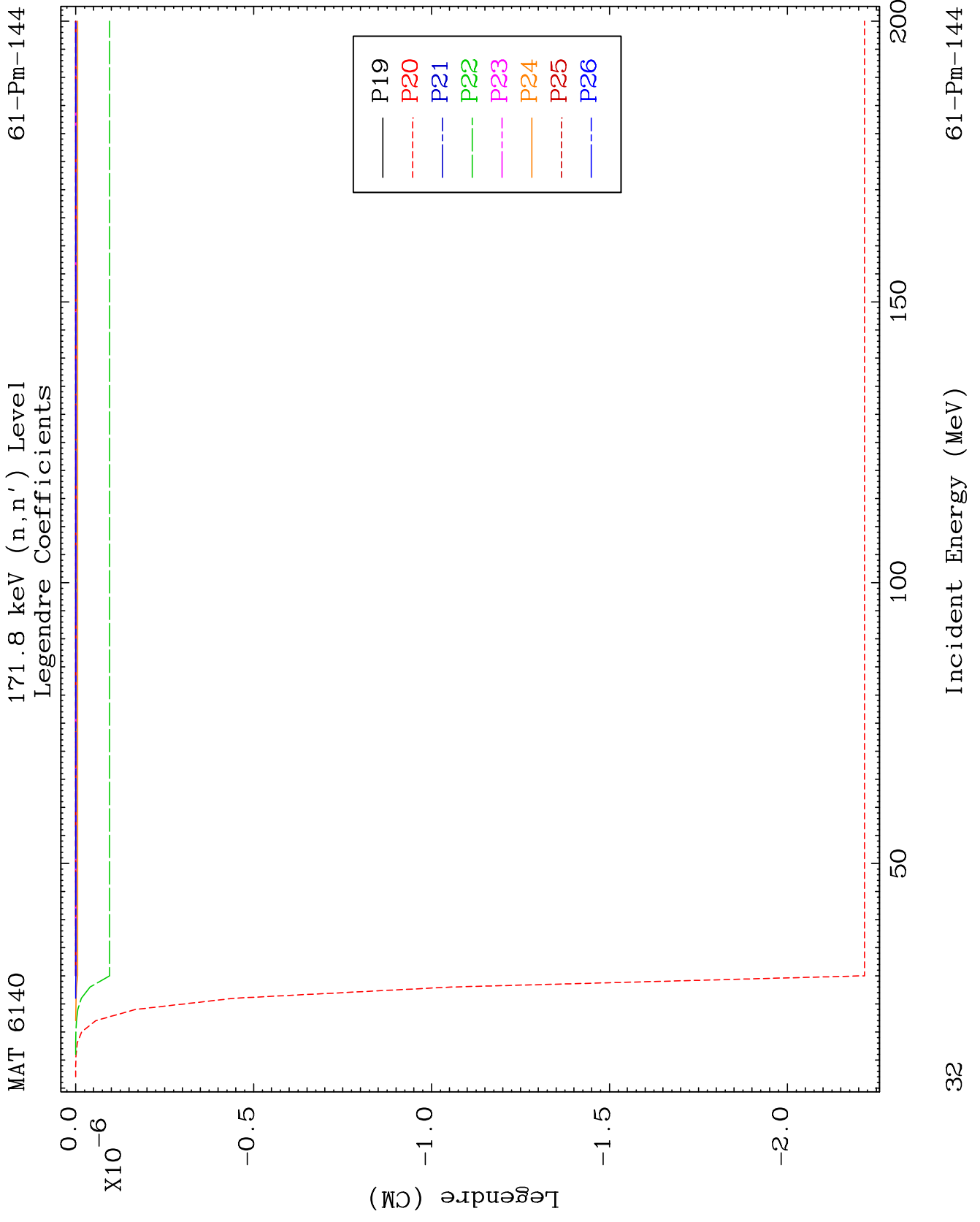








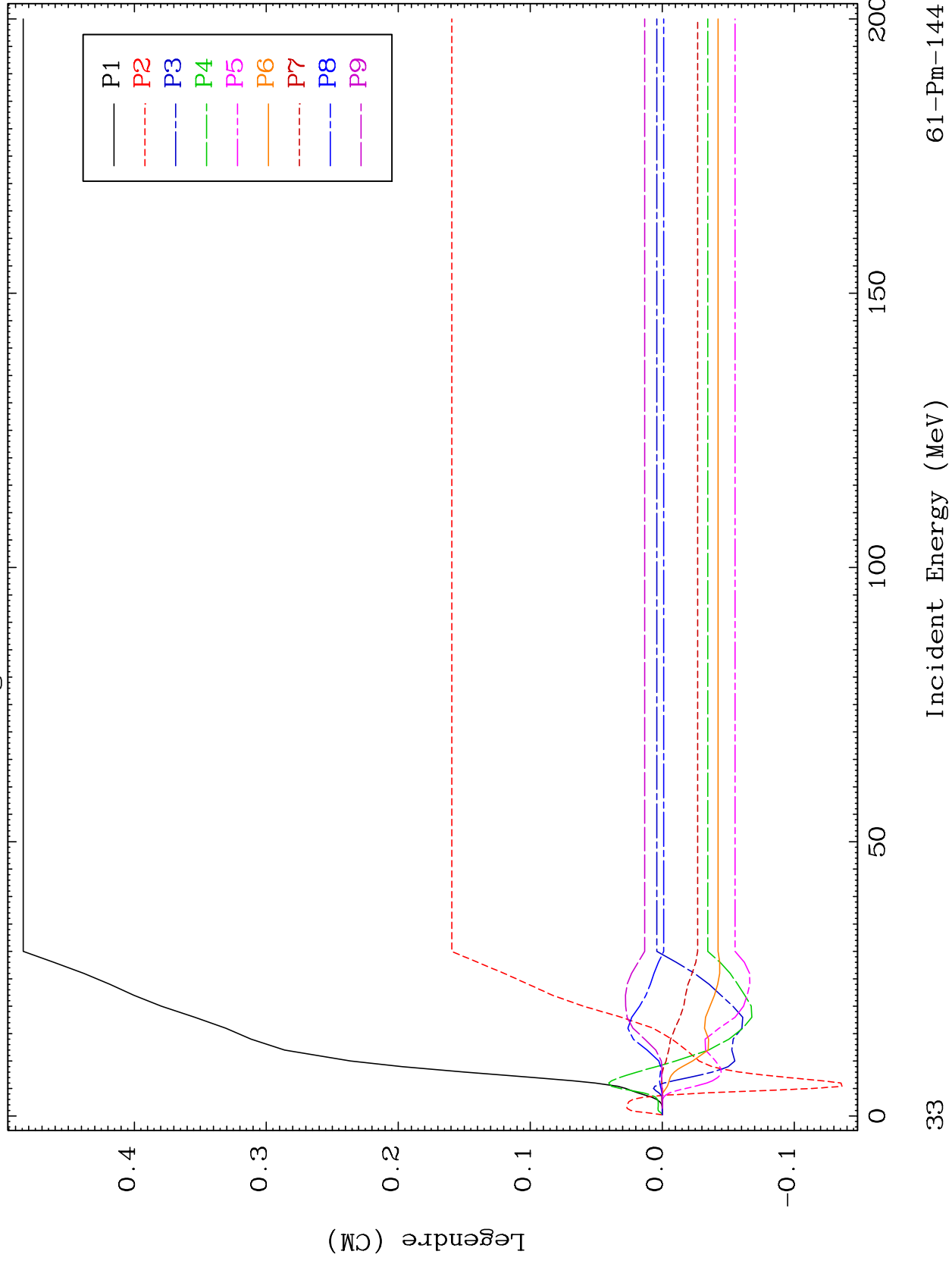




MAT 6140

195.4 keV (n,n') Level  
Legendre Coefficients

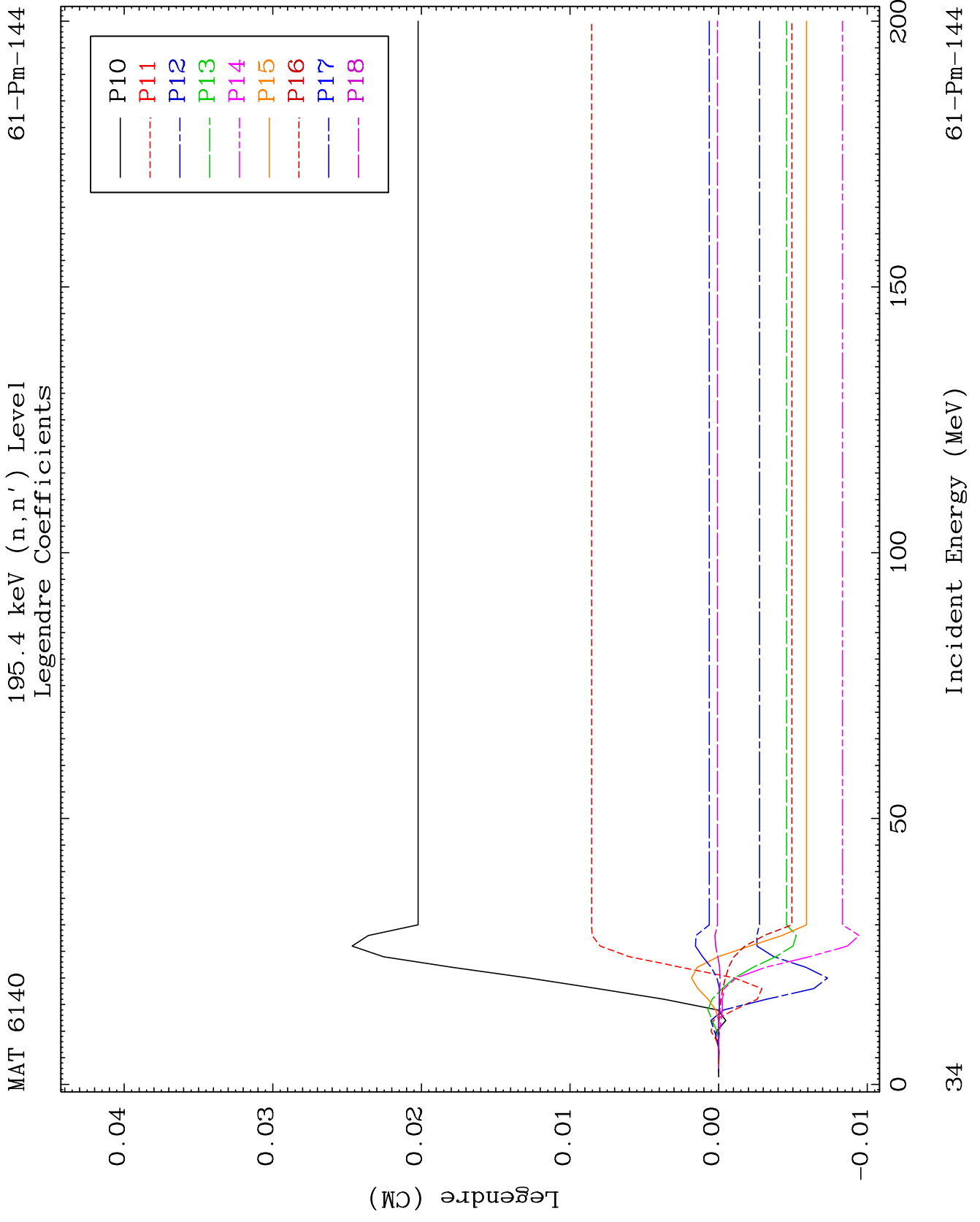
61-Pm-144



61-Pm-144

Incident Energy (MeV)

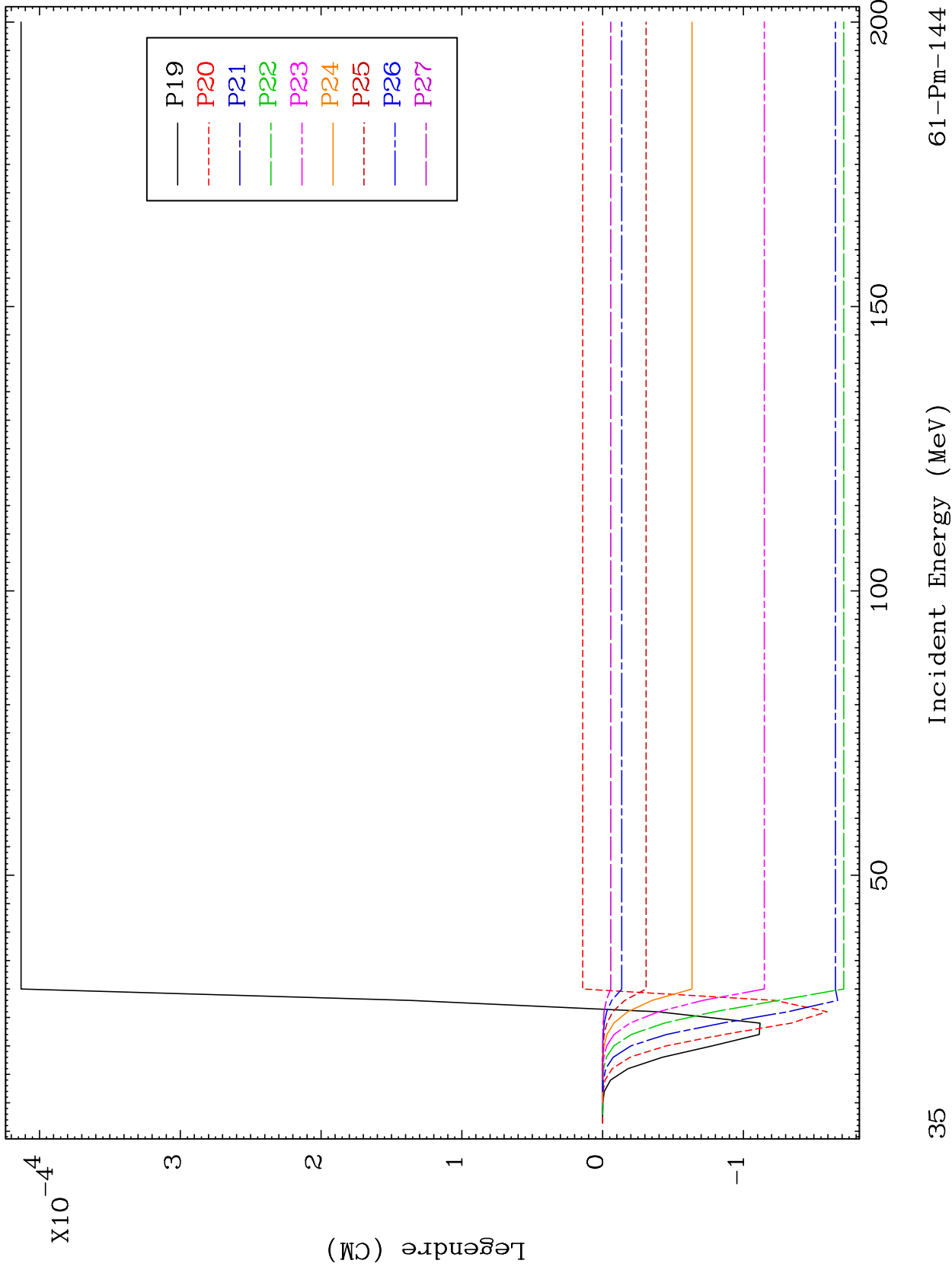
33



MAT 6140

195.4 keV (n,n') Level  
Legendre Coefficients

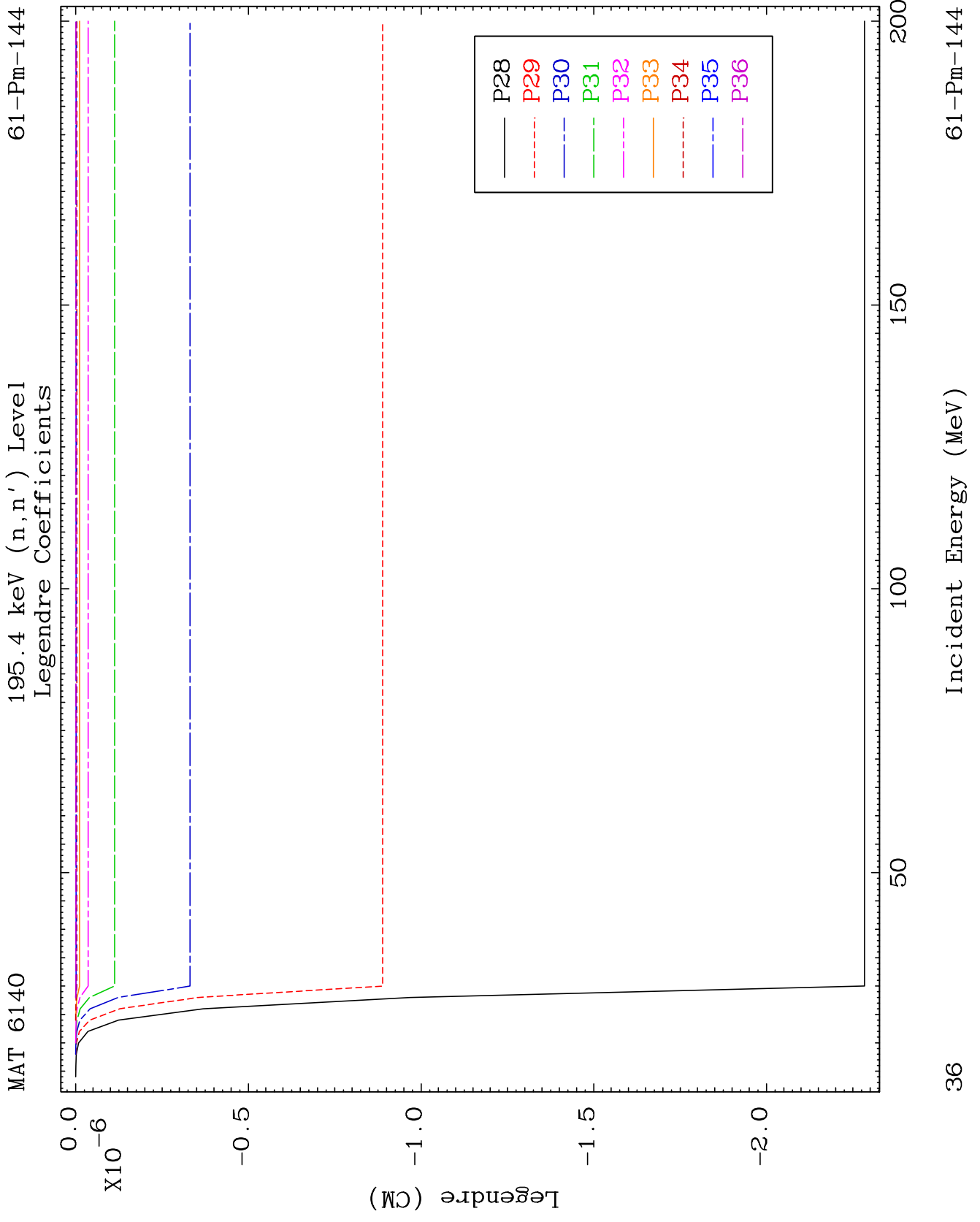
61-Pm-144

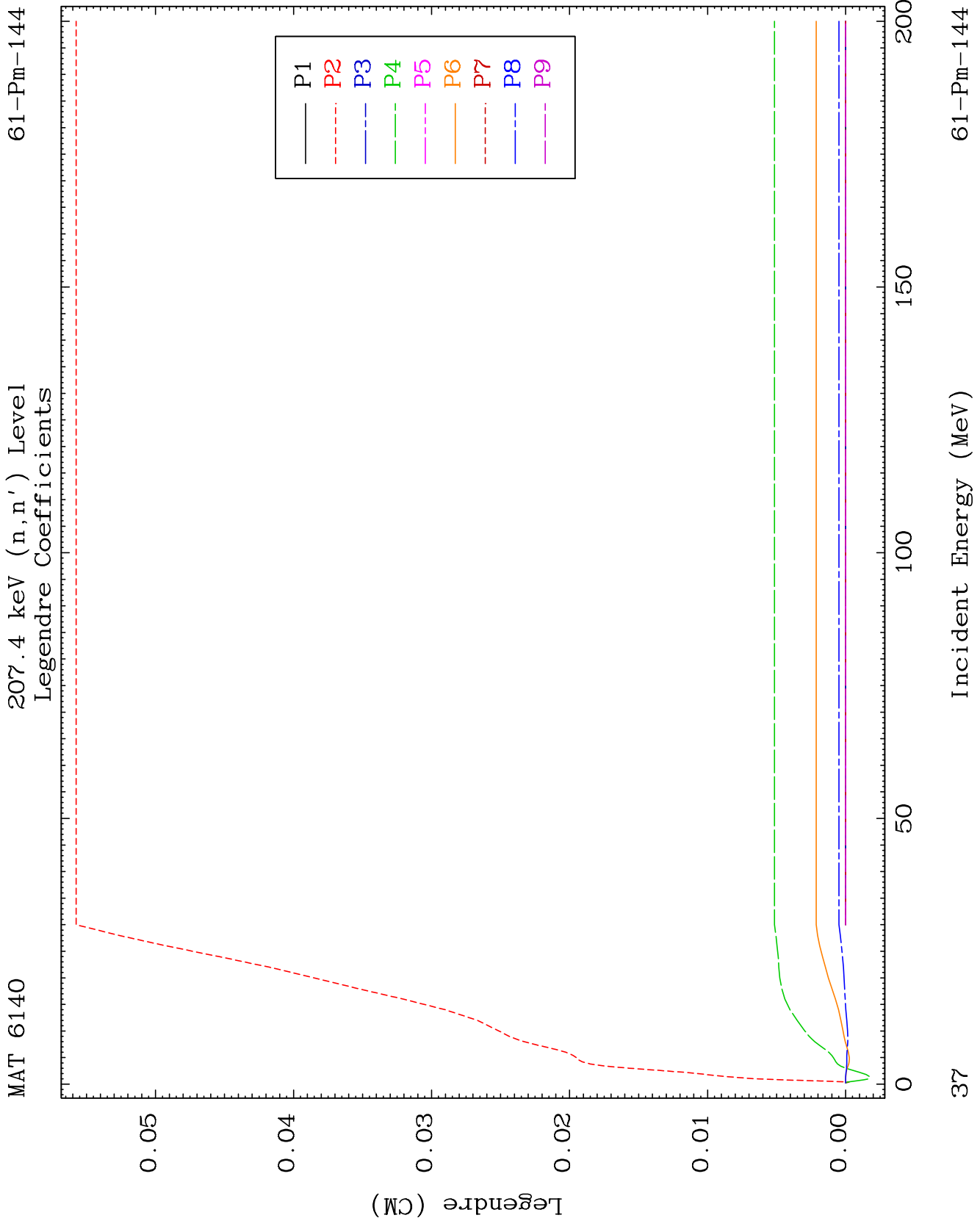


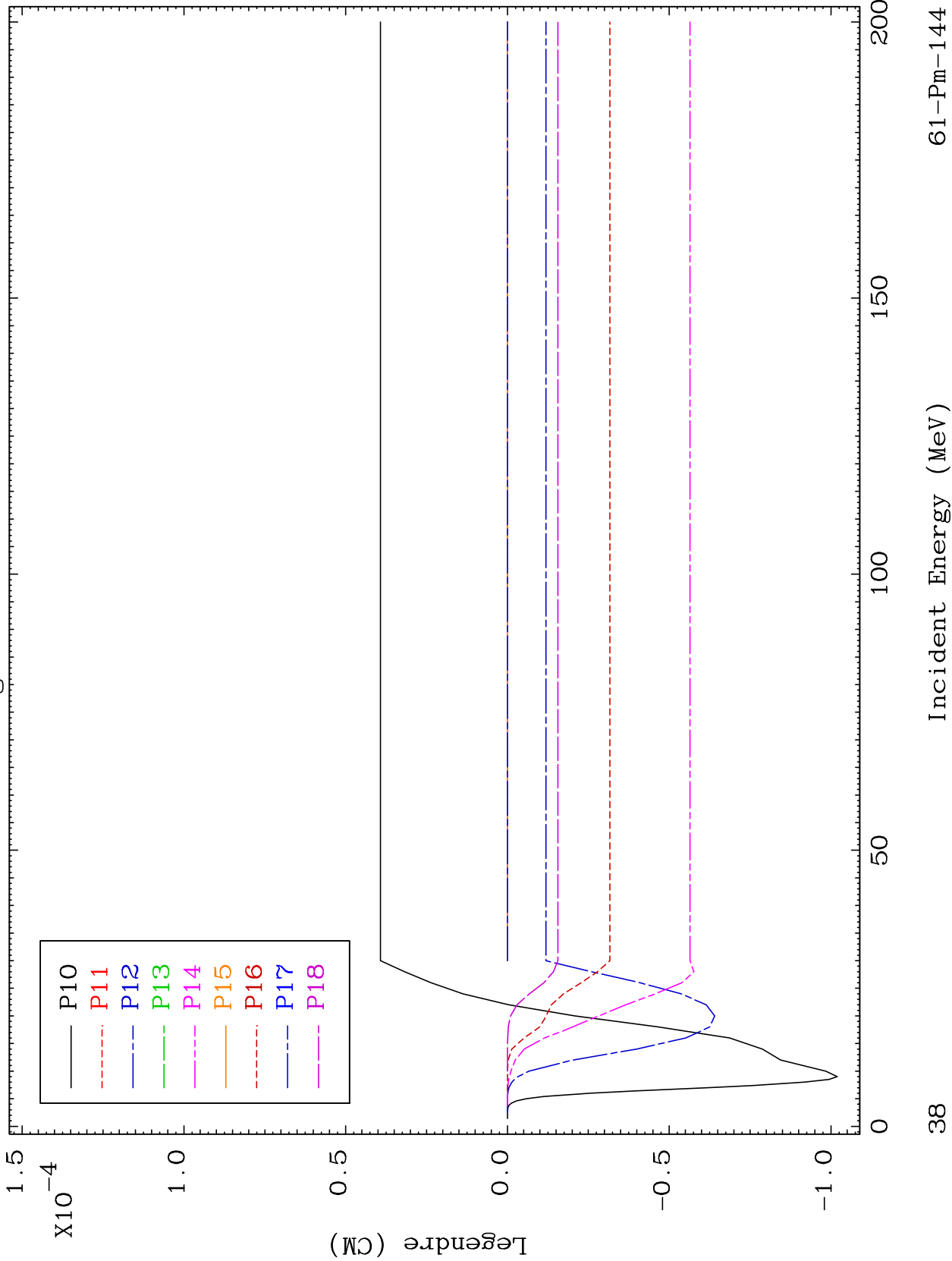
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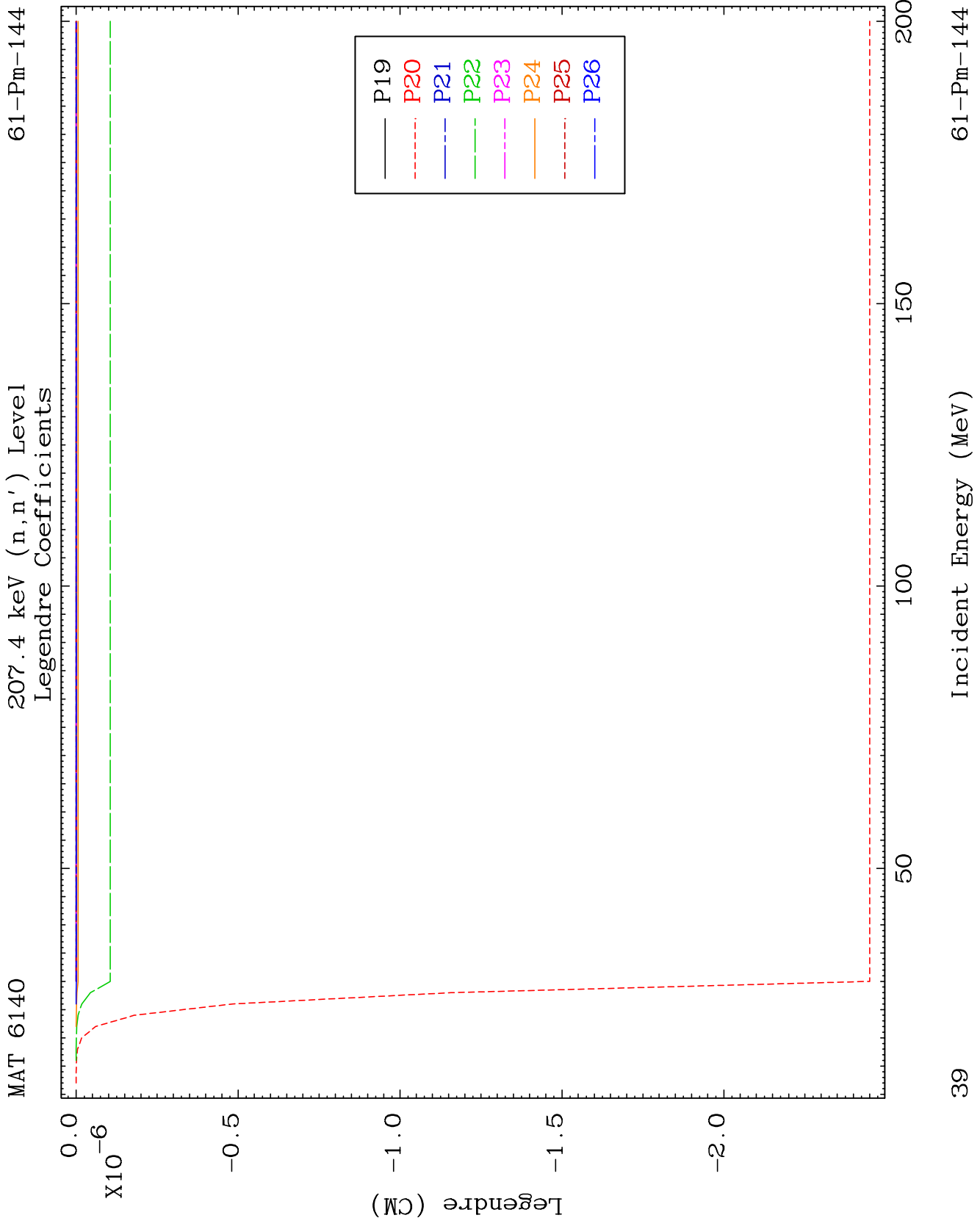
Incident Energy (MeV)

61-Pm-144









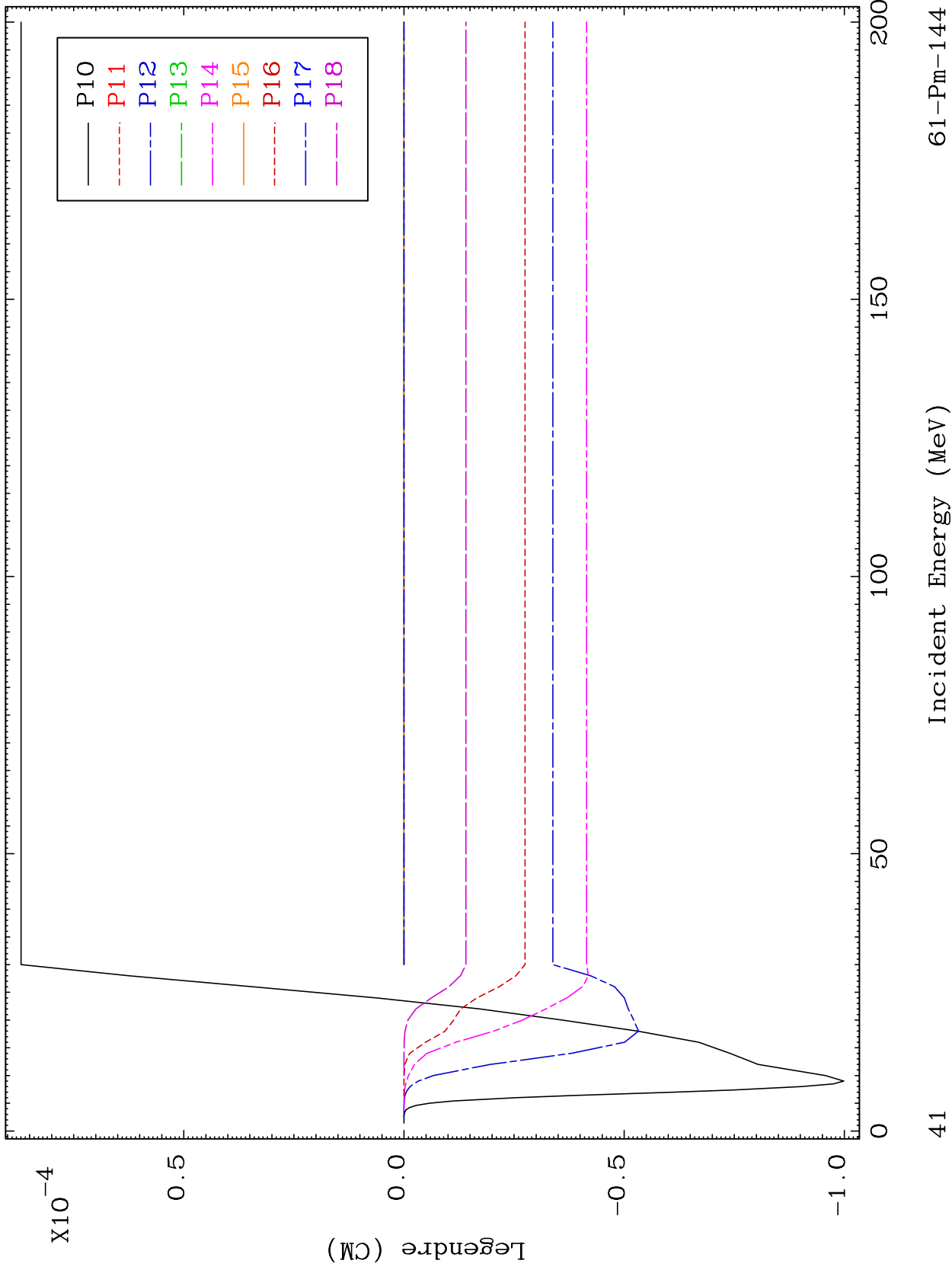




MAT 6140

232.4 keV (n,n') Level  
Legendre Coefficients

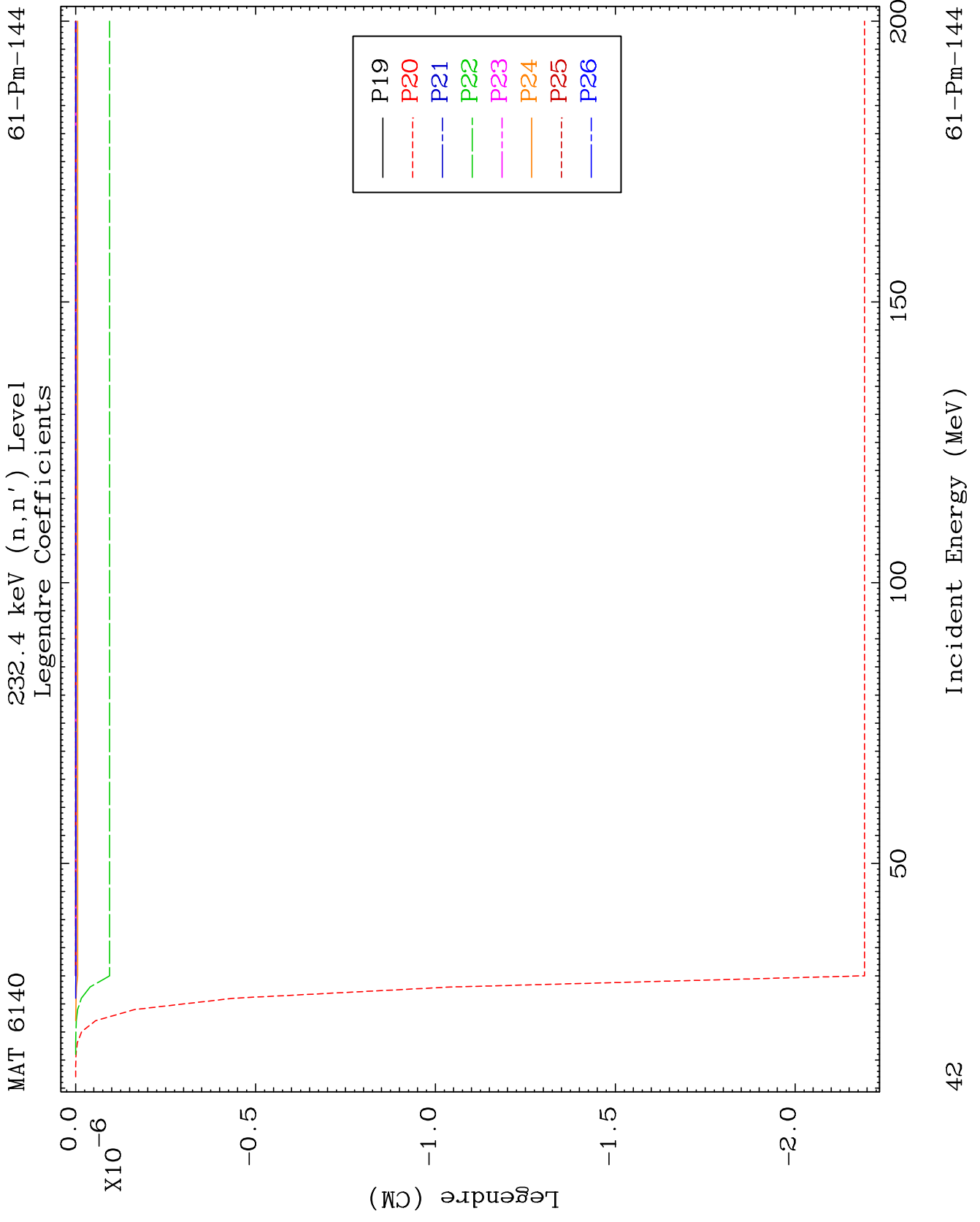
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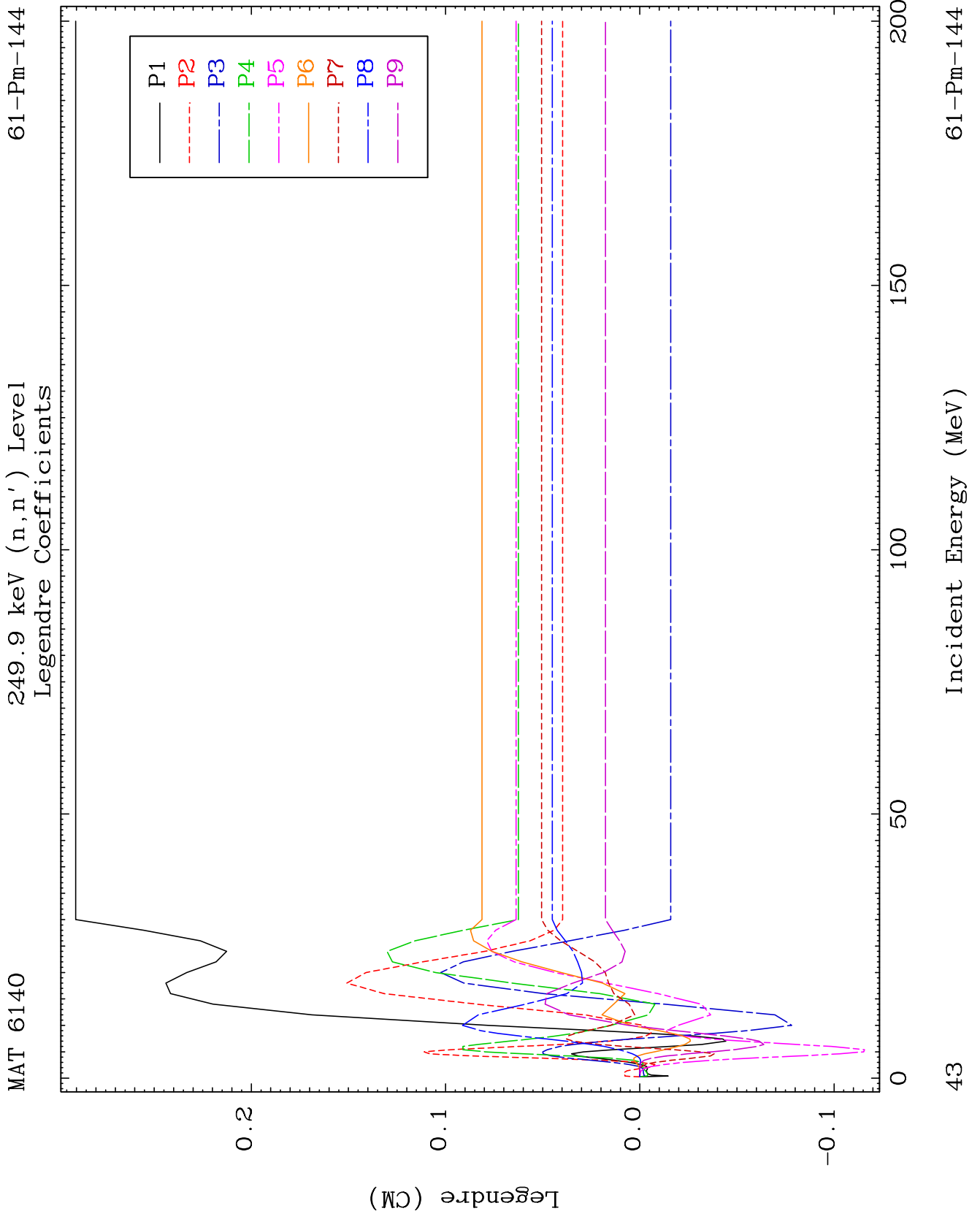


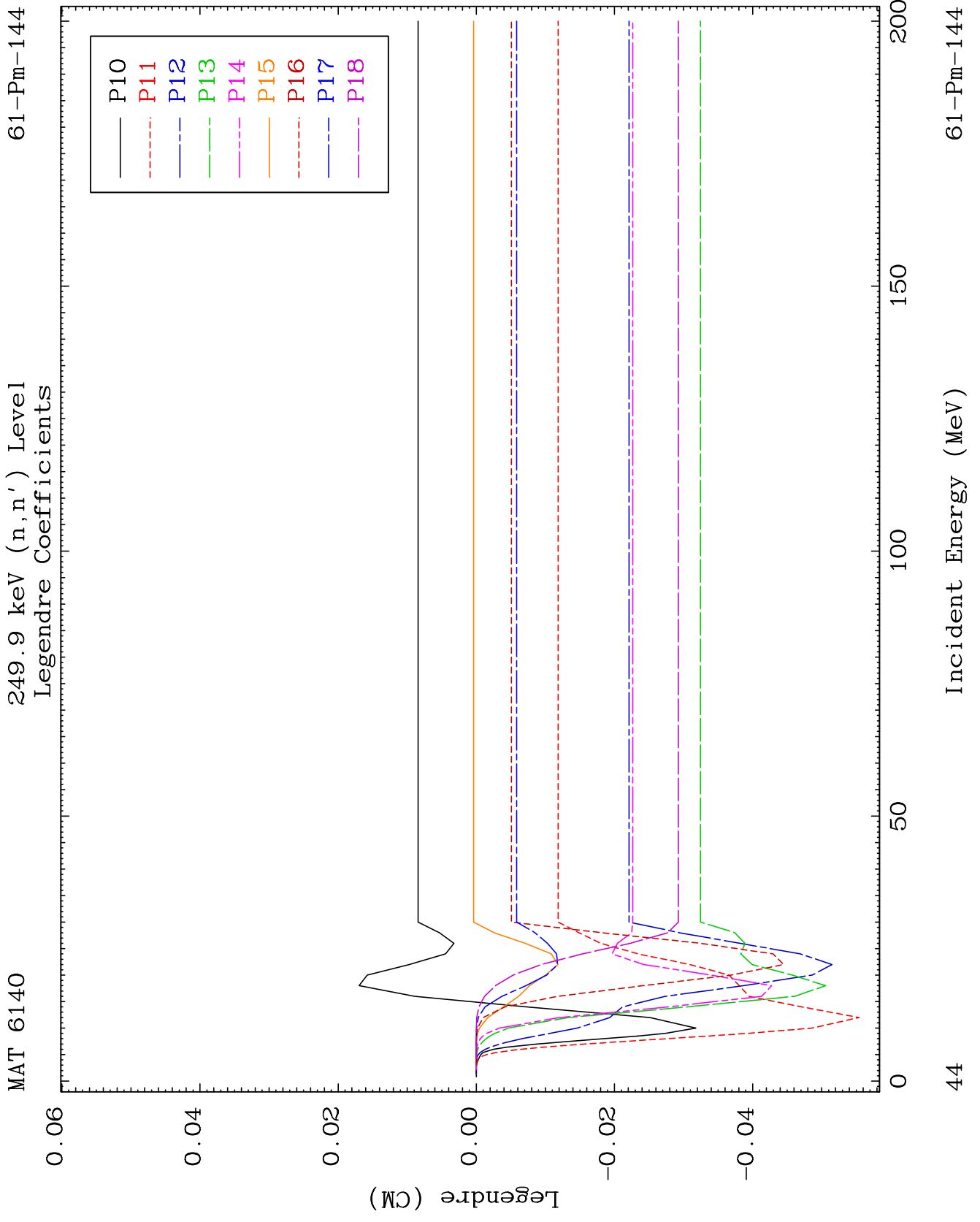
61-Pm-144

Incident Energy (MeV)

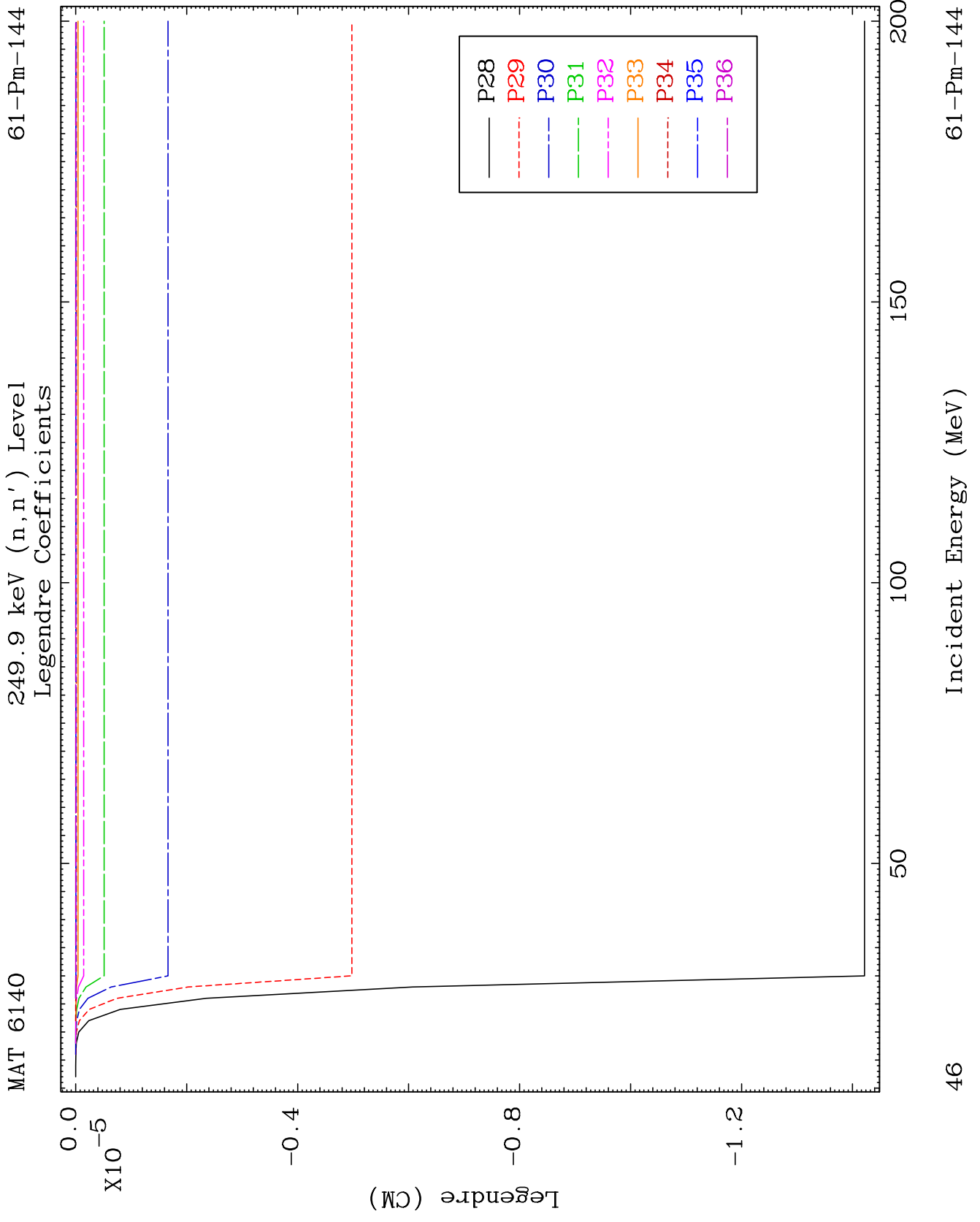
41





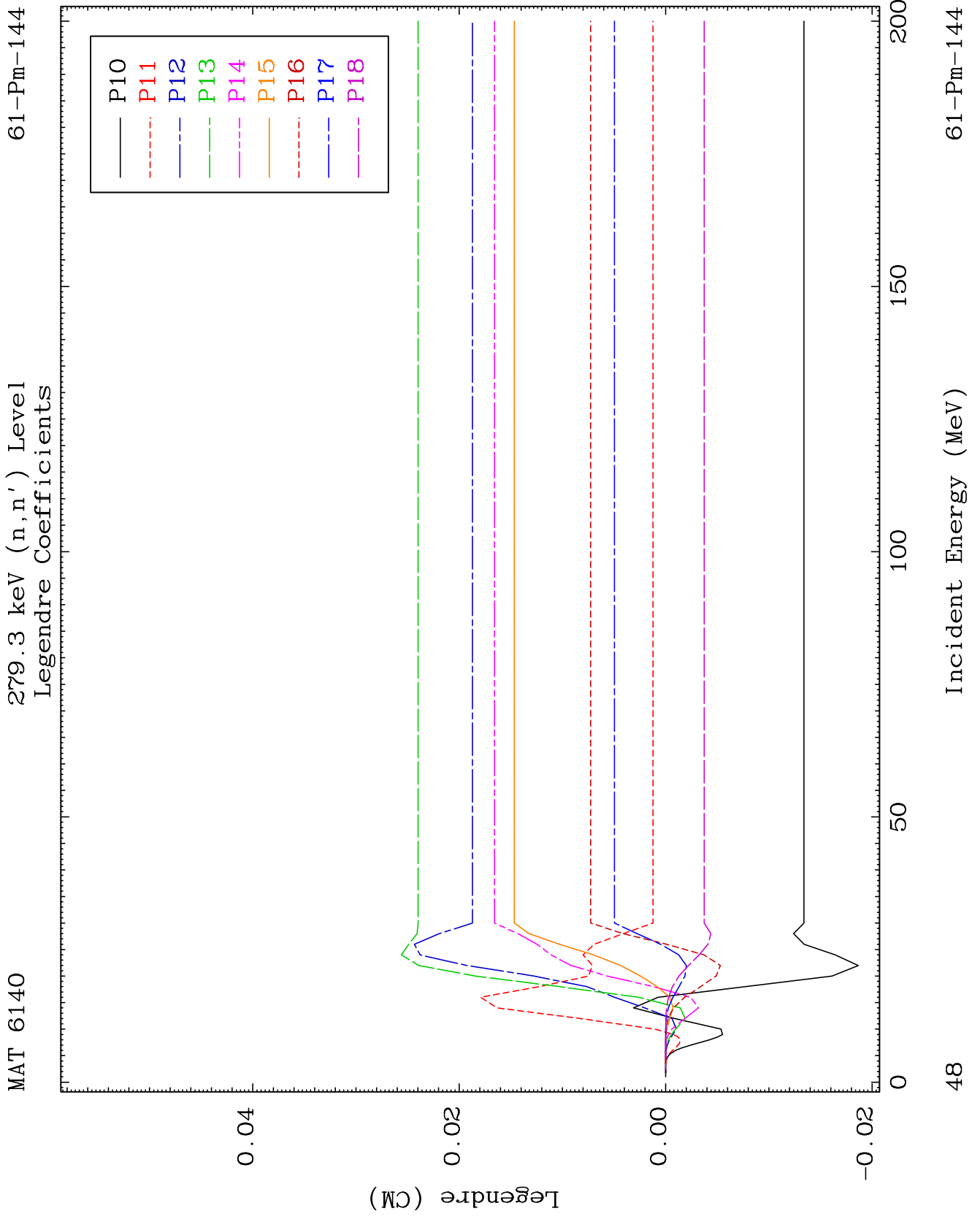








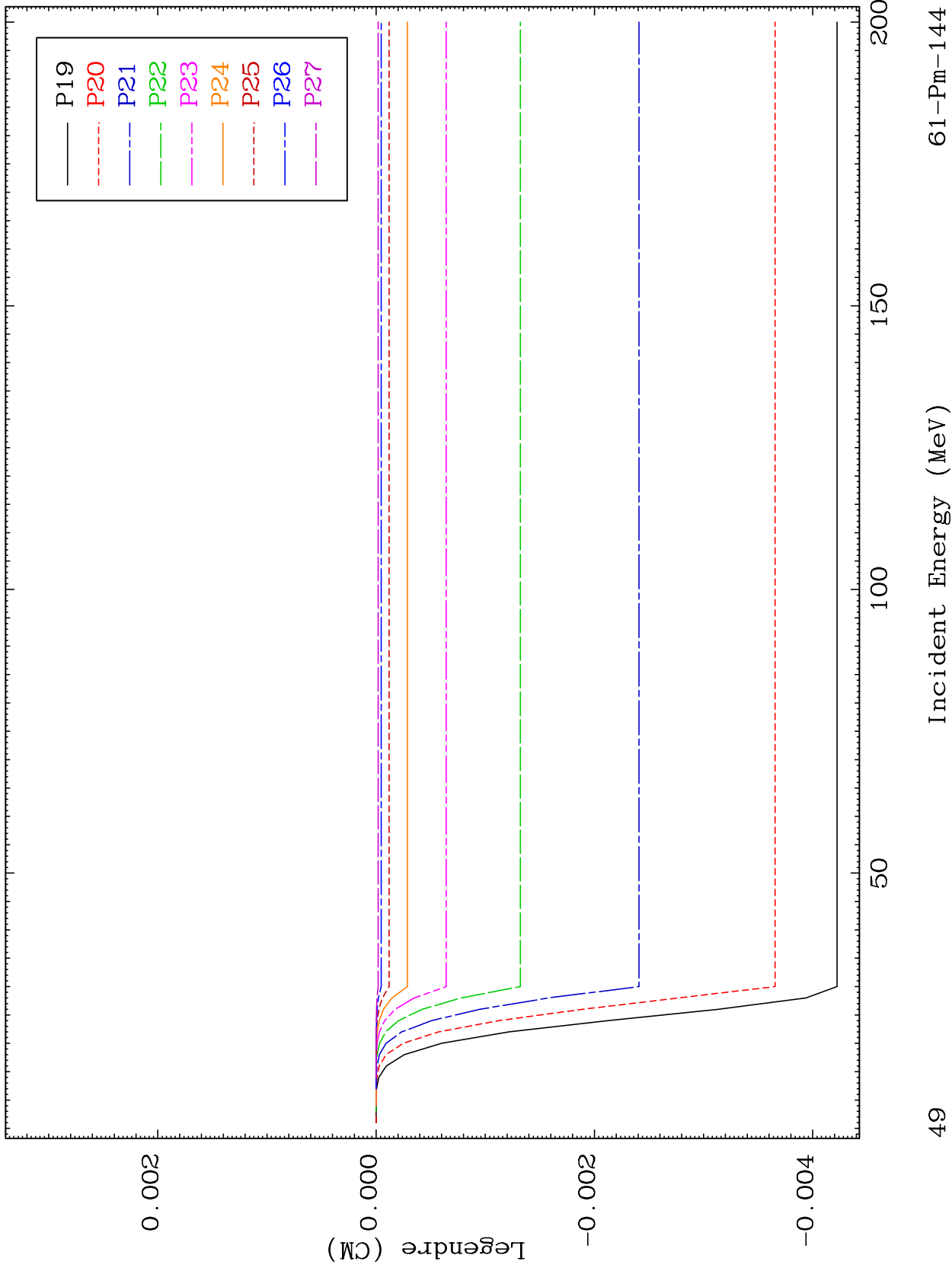




MAT 6140

279.3 keV (n,n') Level  
Legendre Coefficients

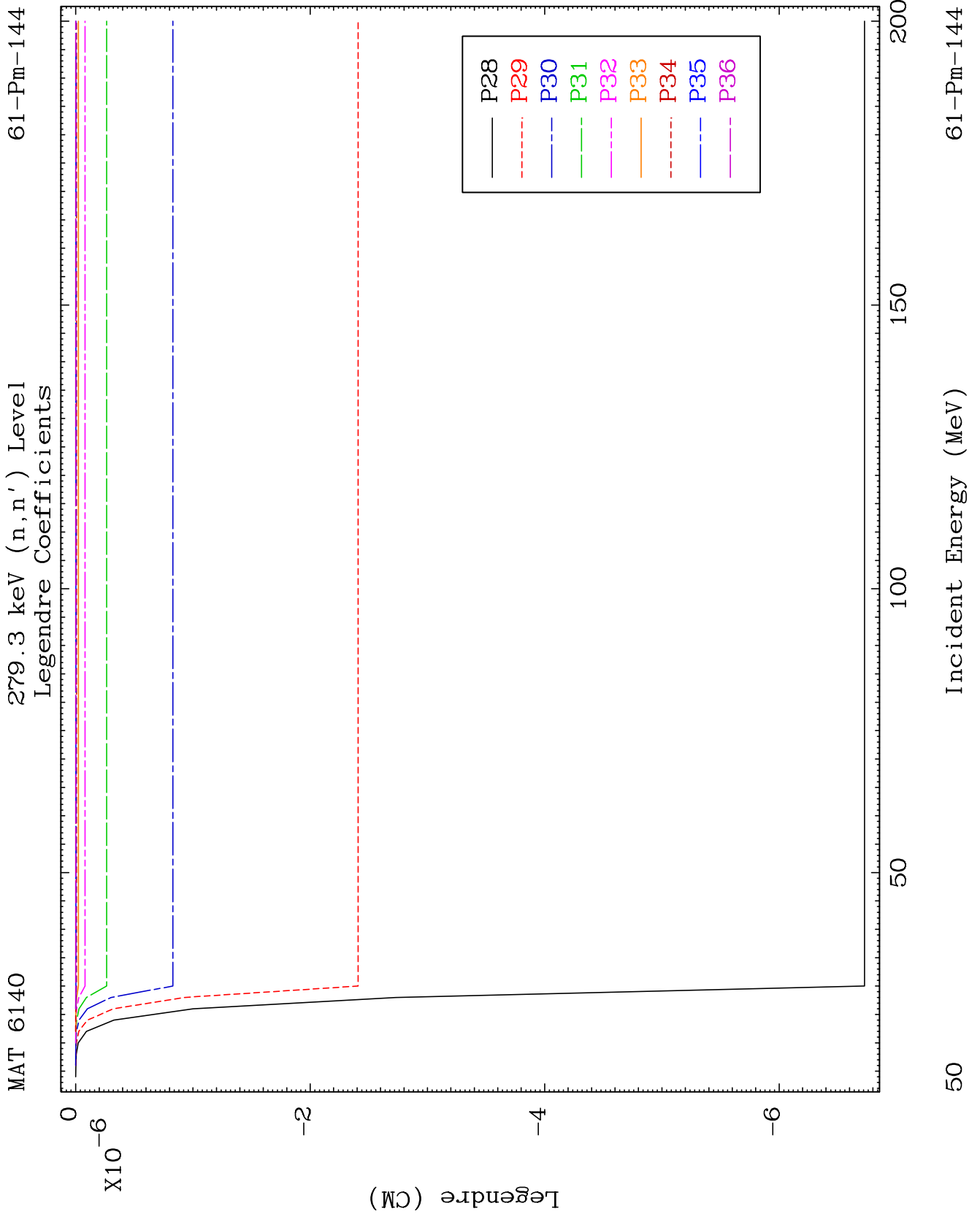
61-Pm-144

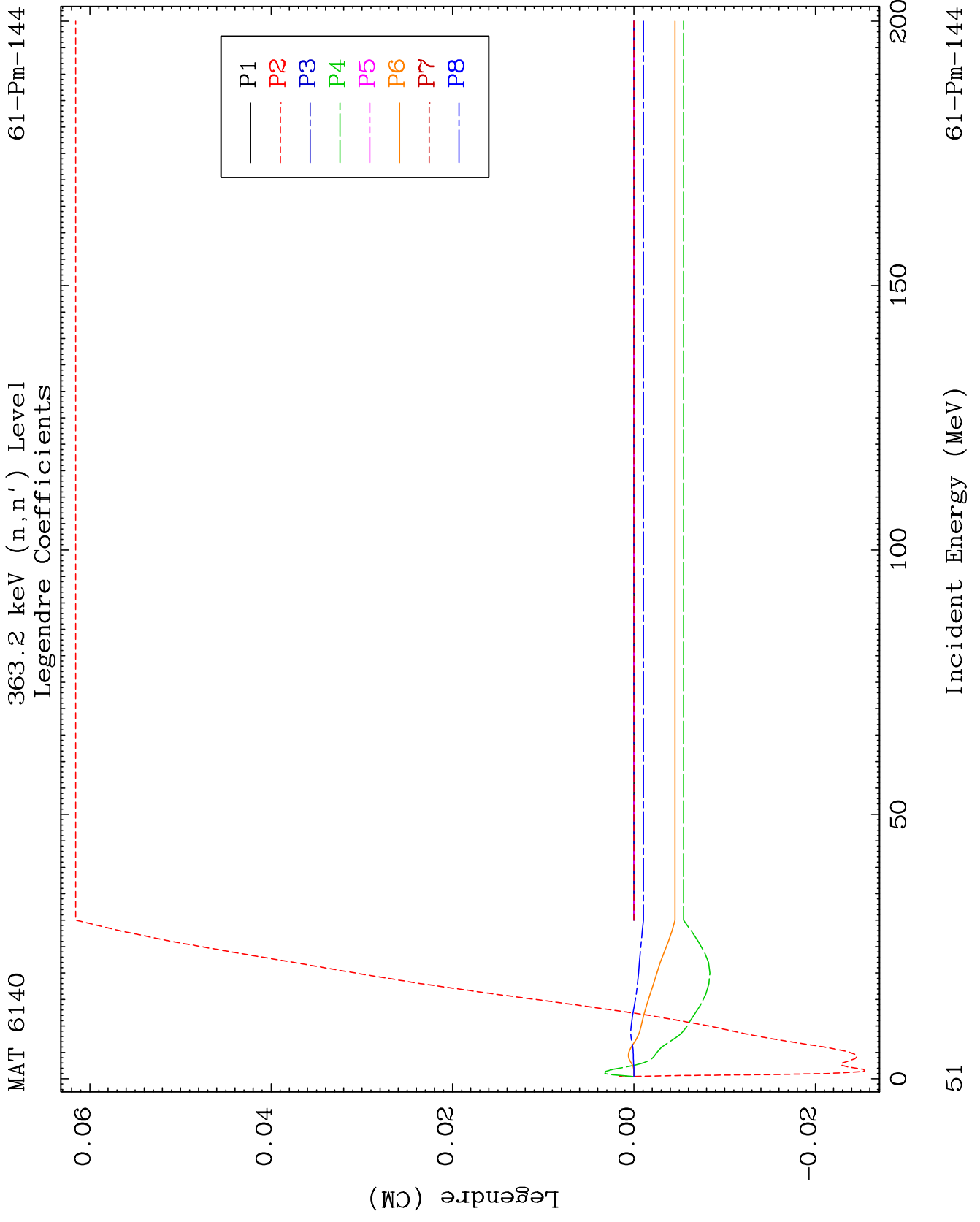


49

Incident Energy (MeV)

61-Pm-144

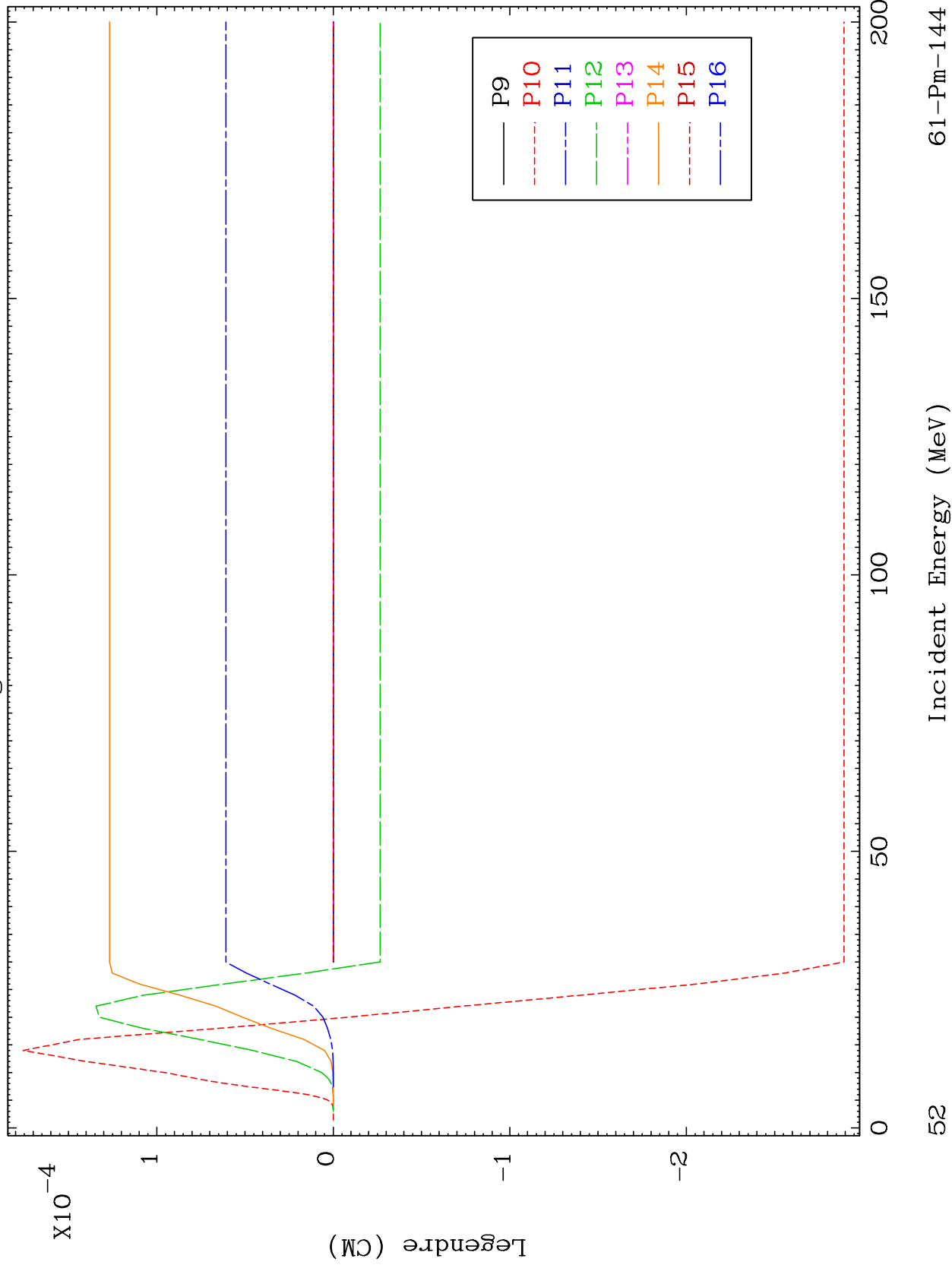




MAT 6140

363.2 keV (n,n') Level  
Legendre Coefficients

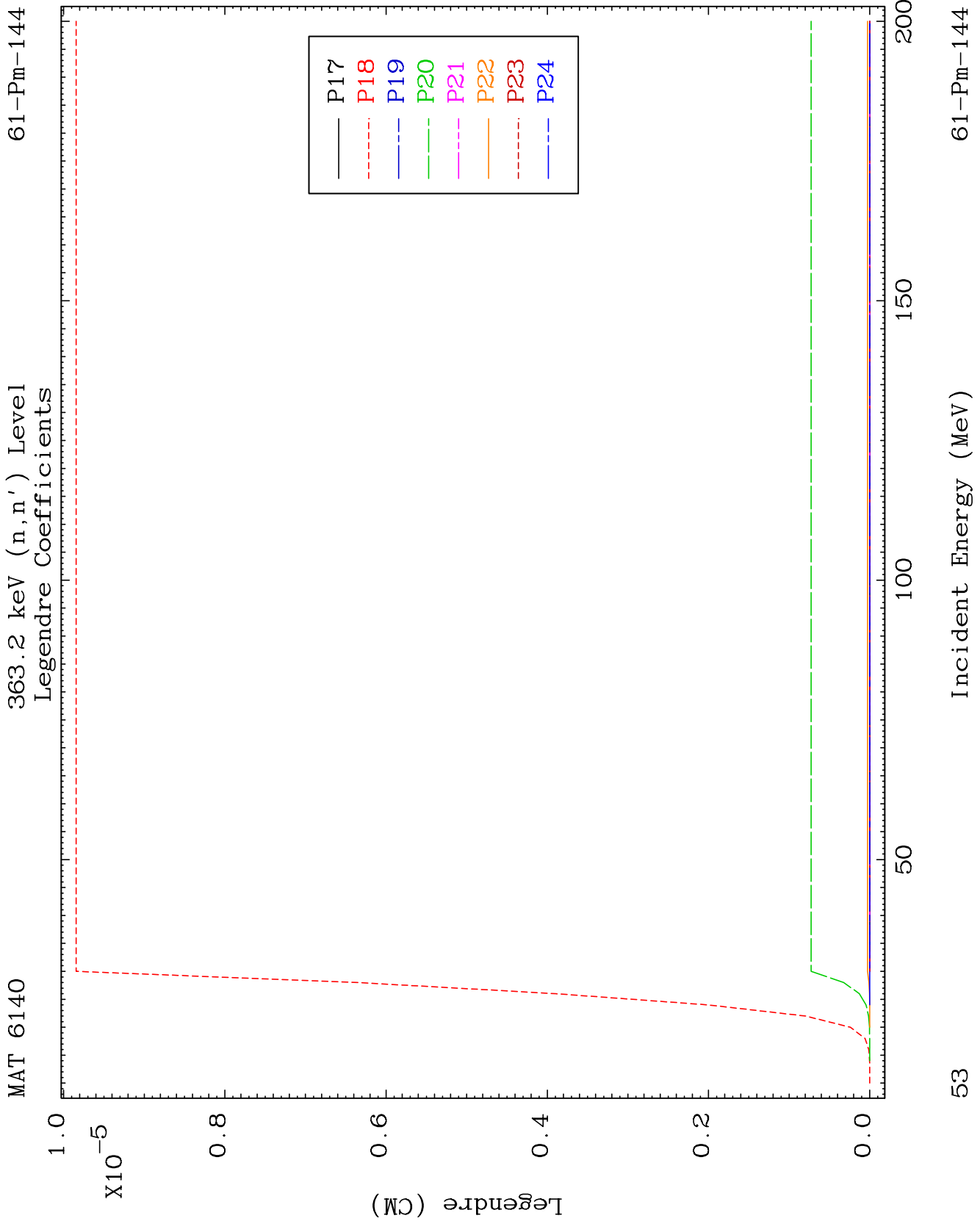
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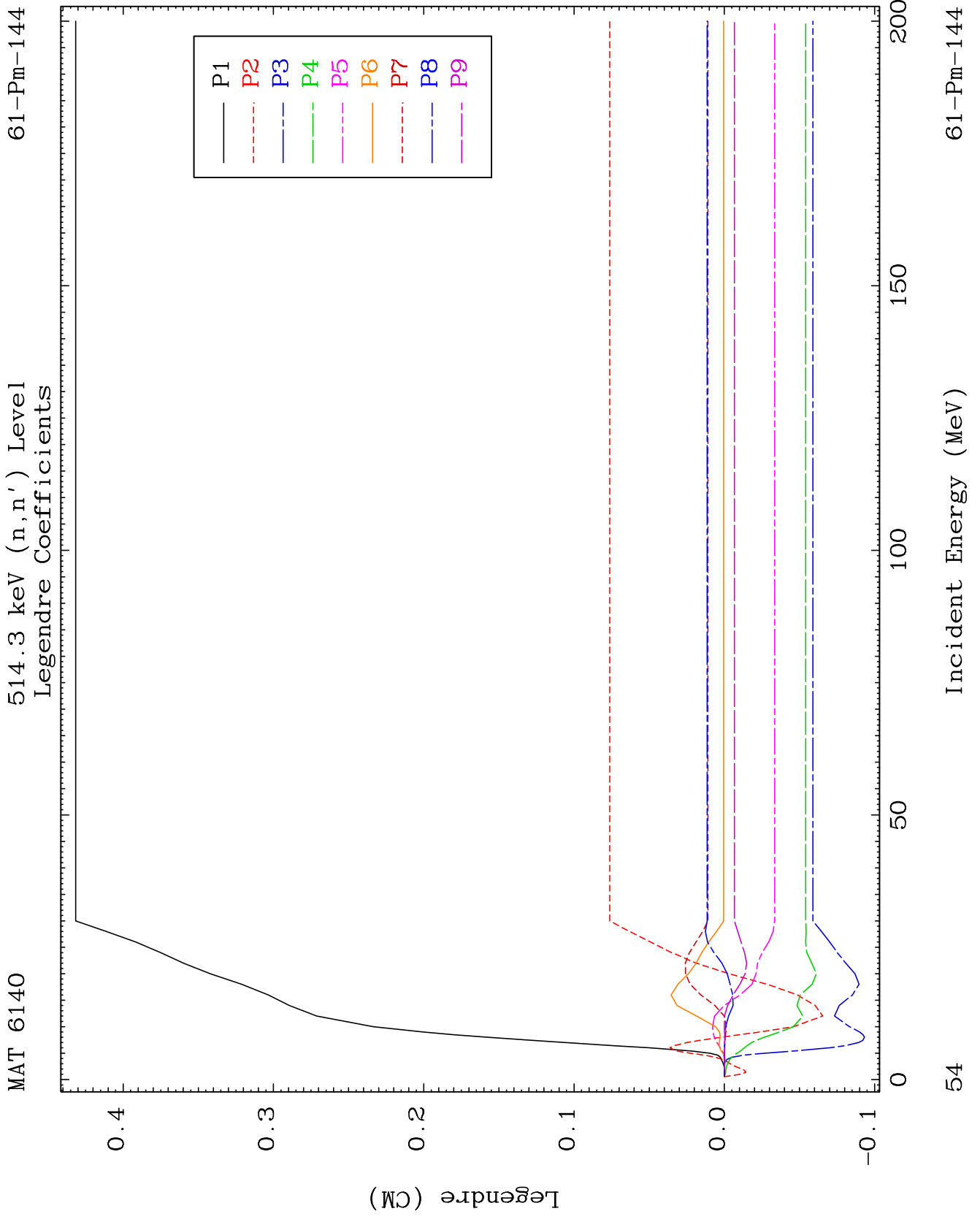


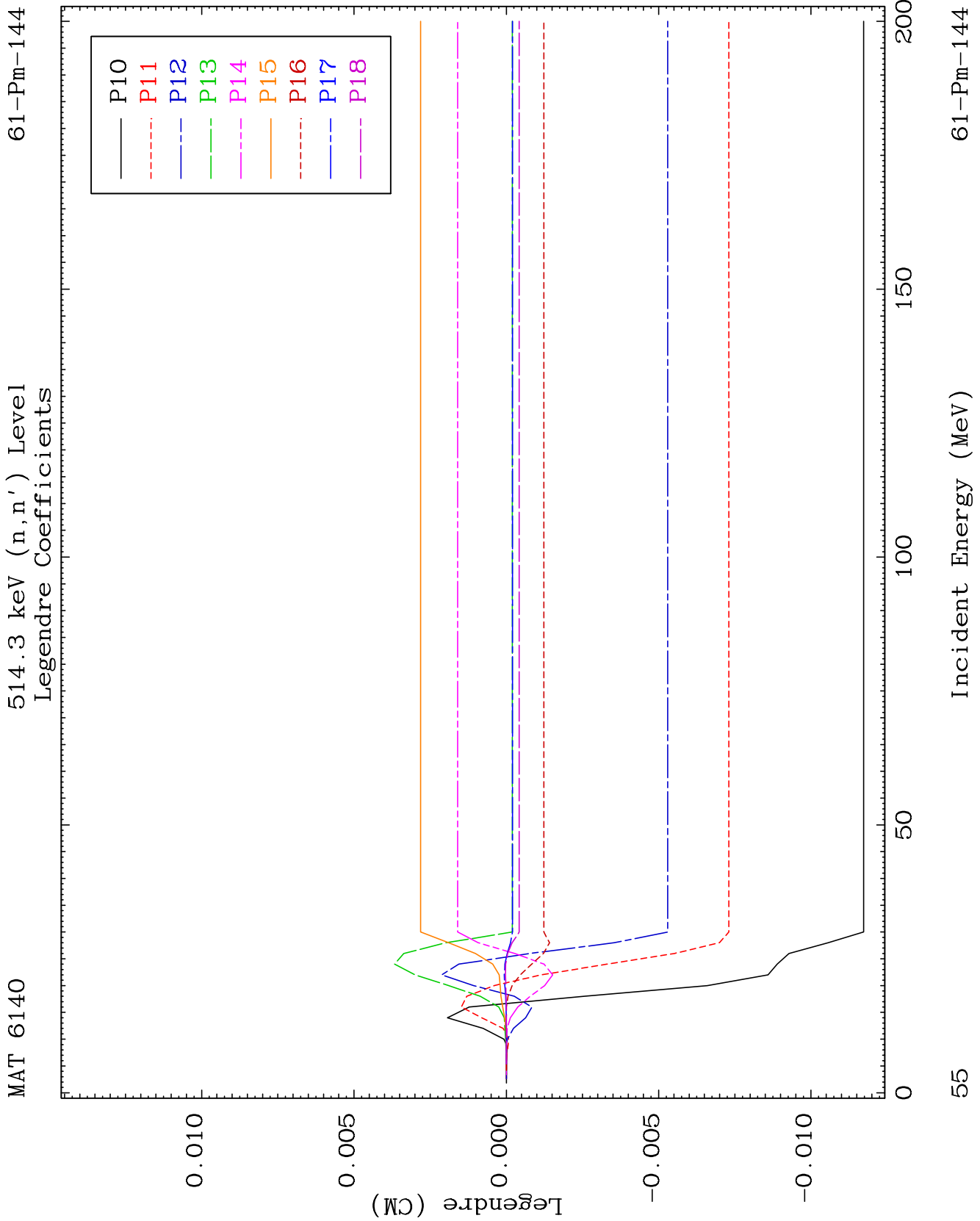
61-Pm-144

Incident Energy (MeV)

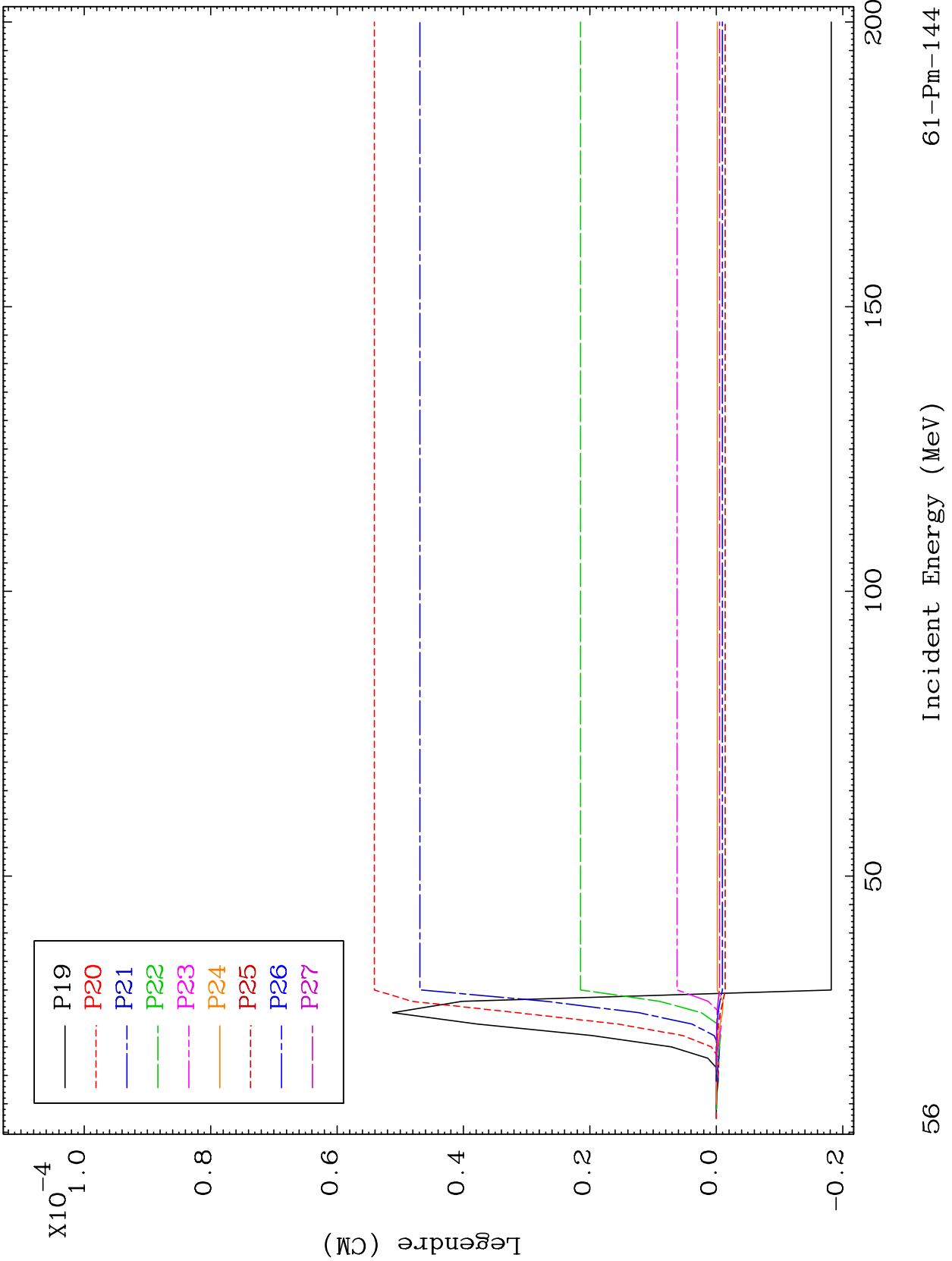
52

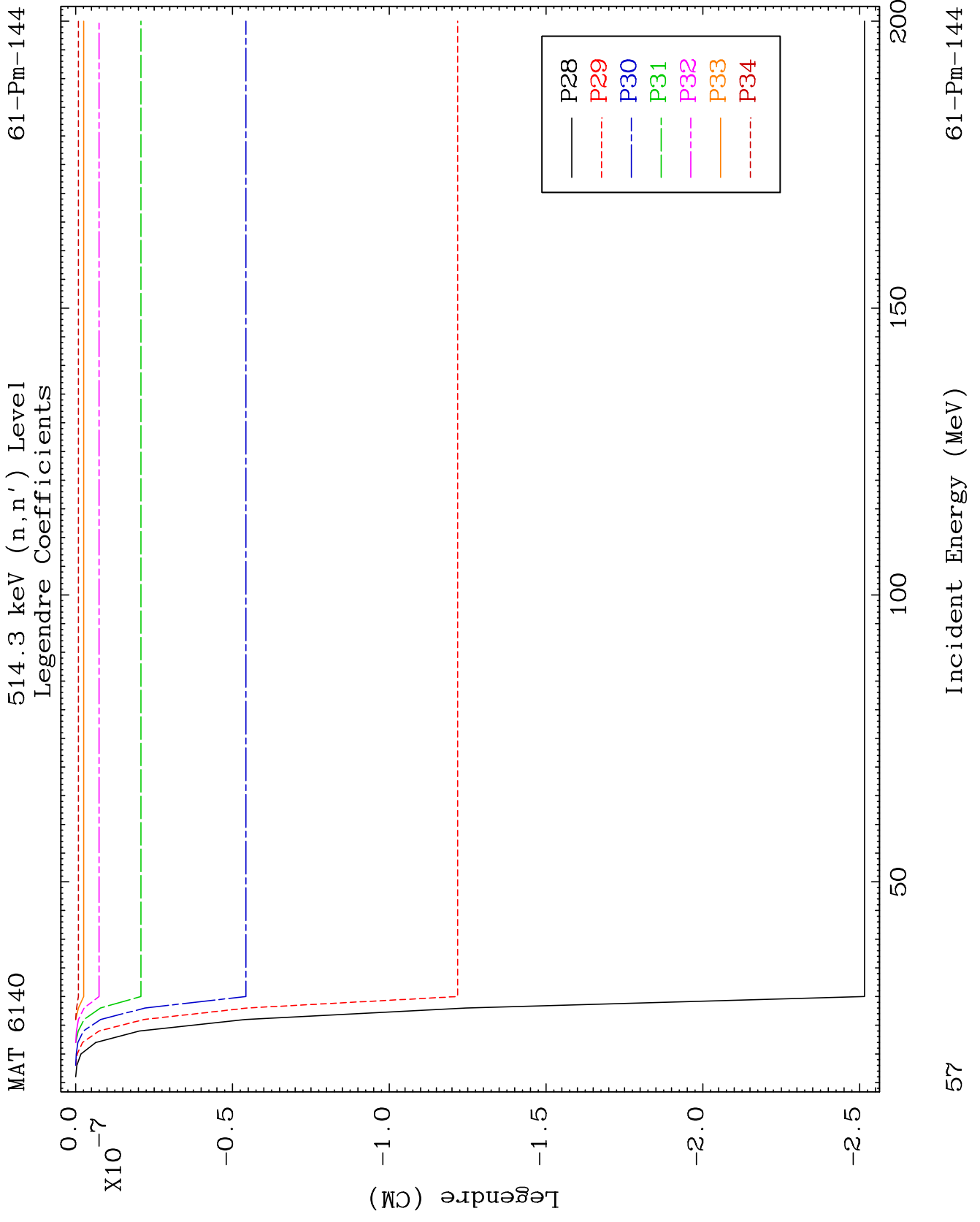


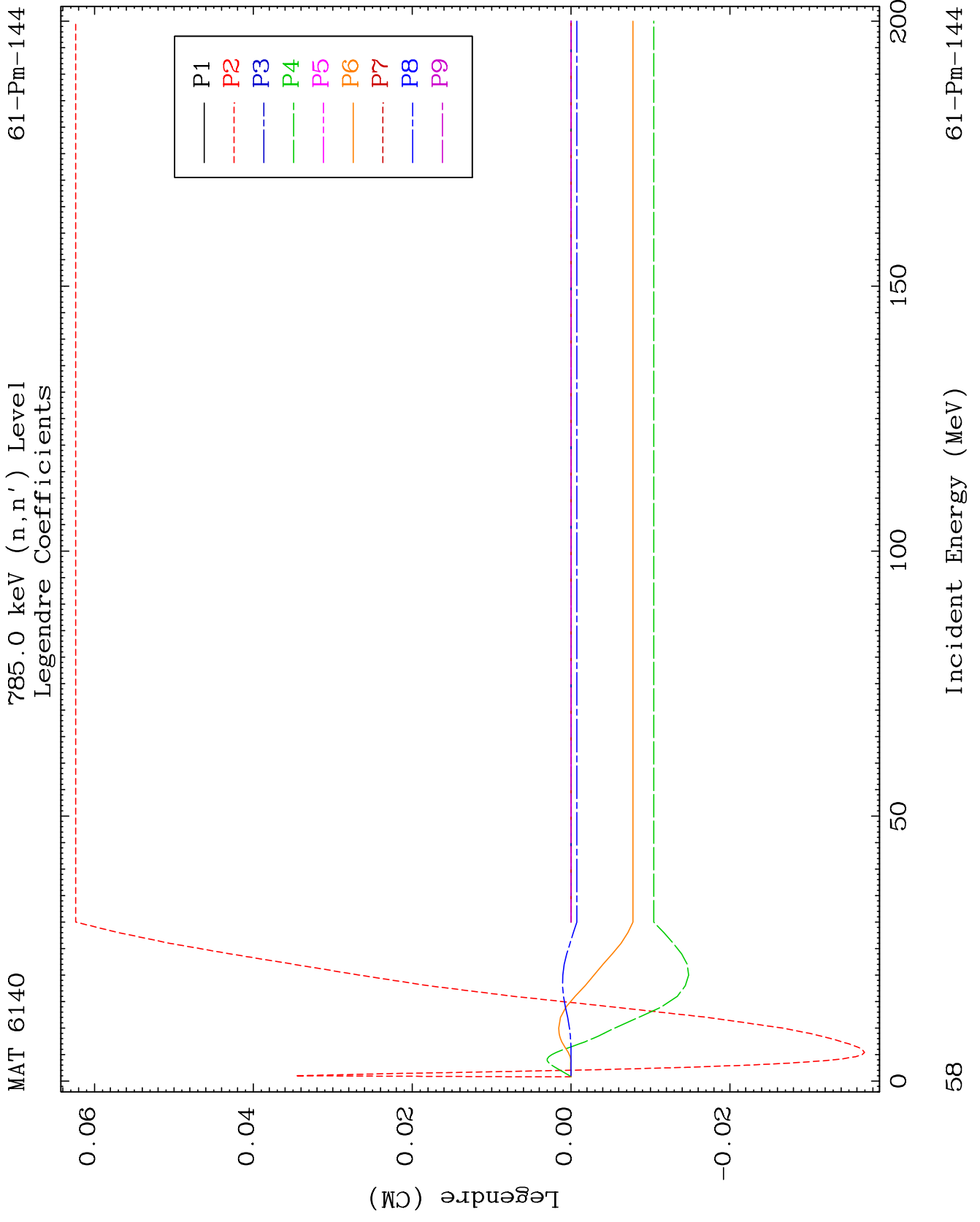


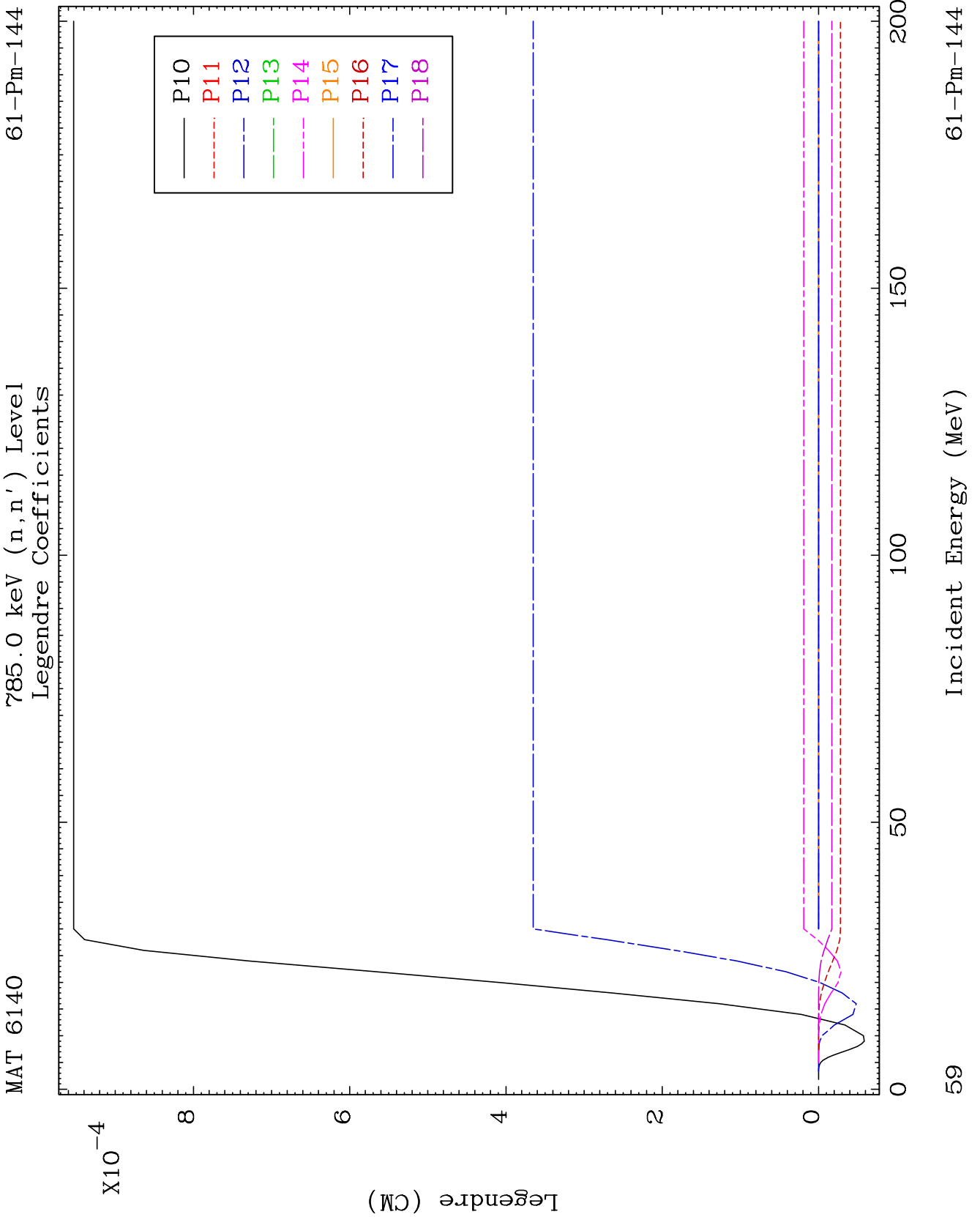


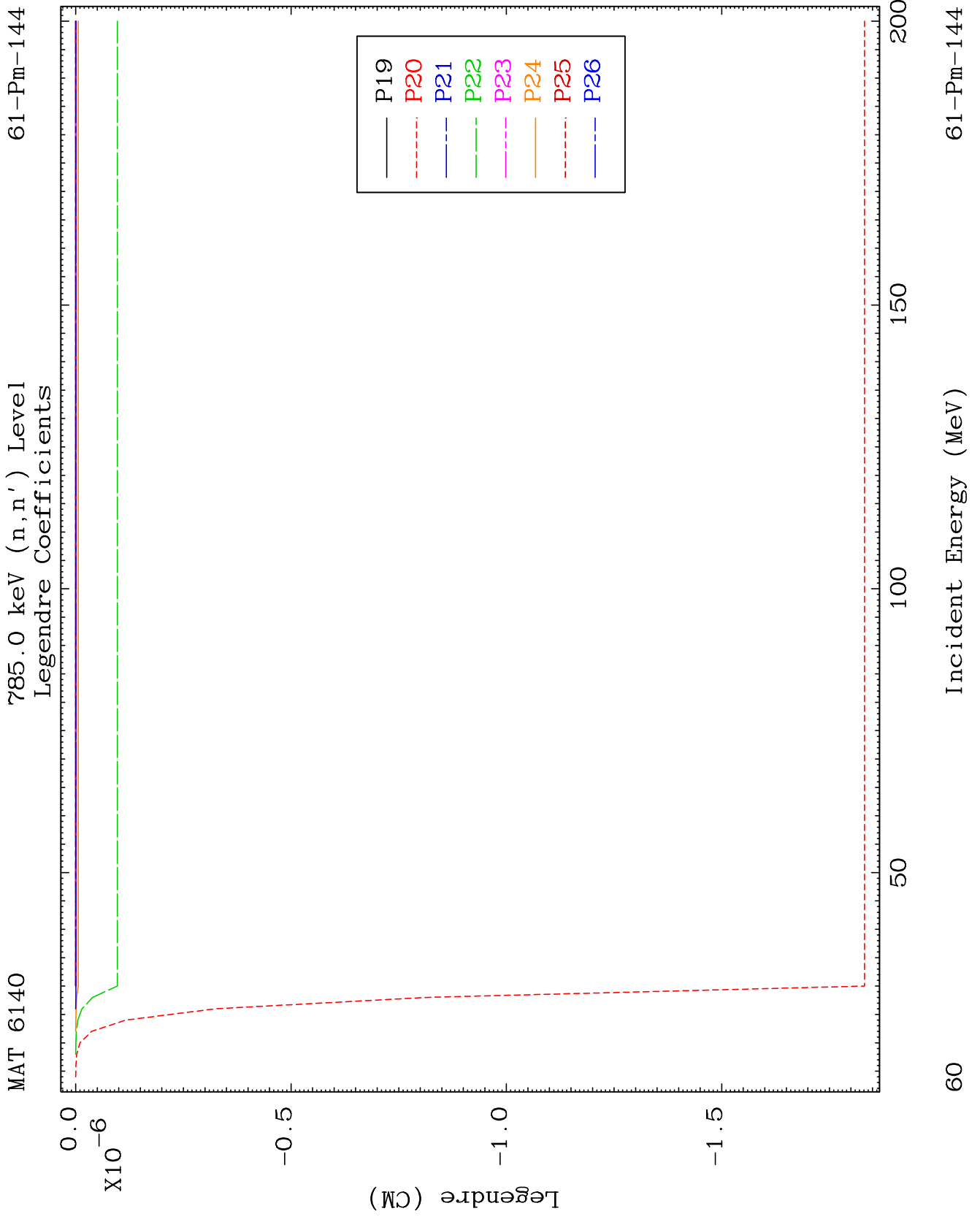




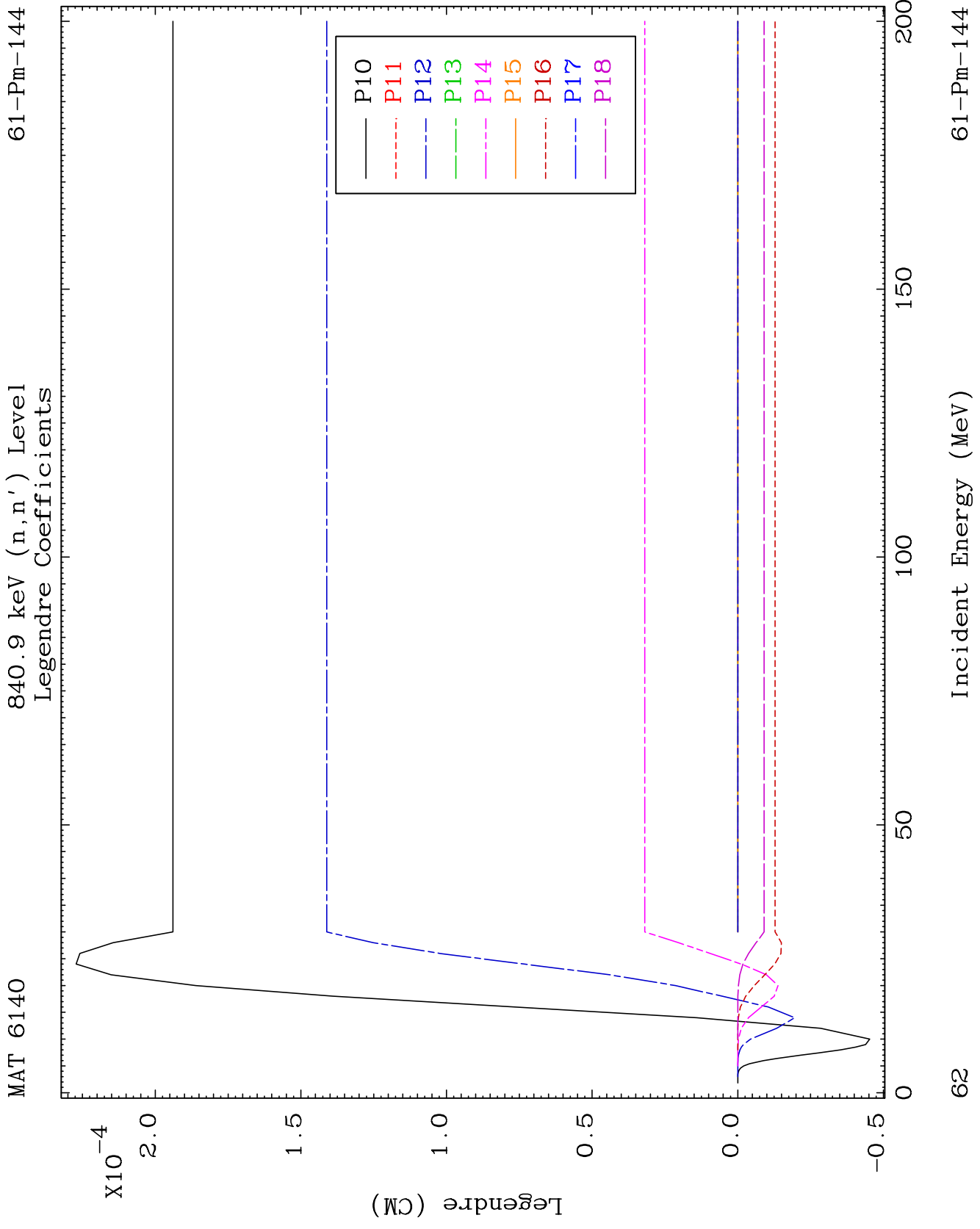


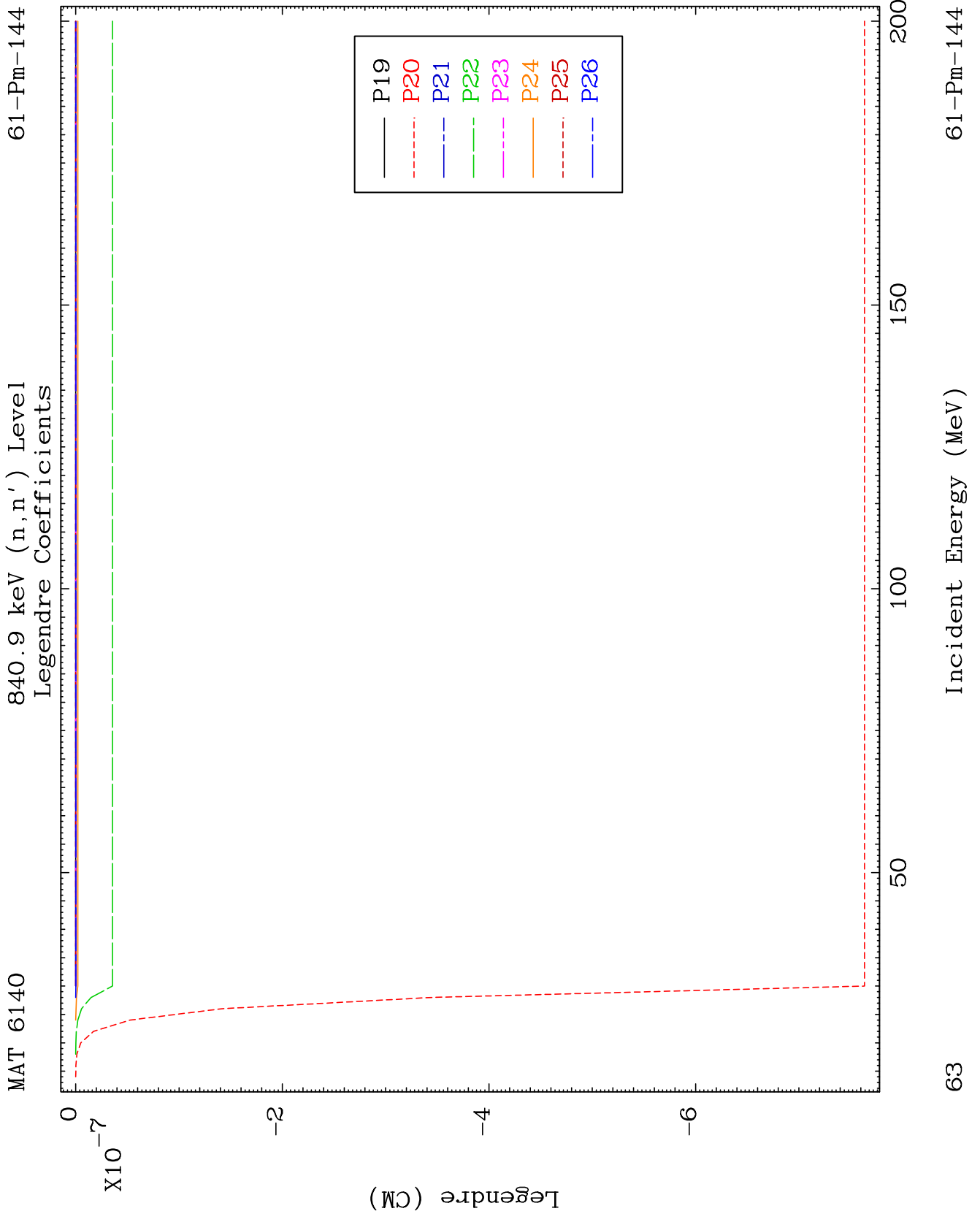








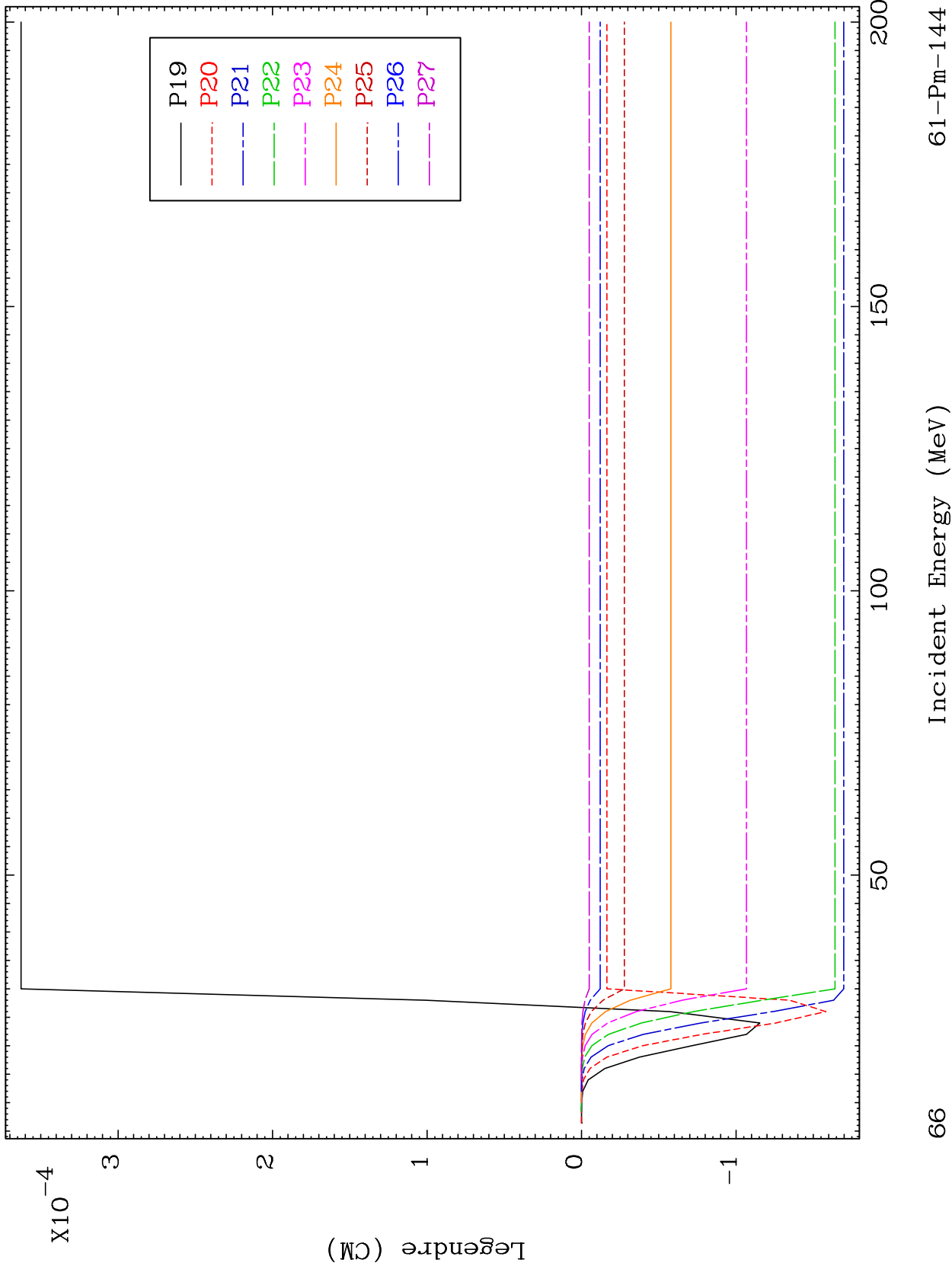


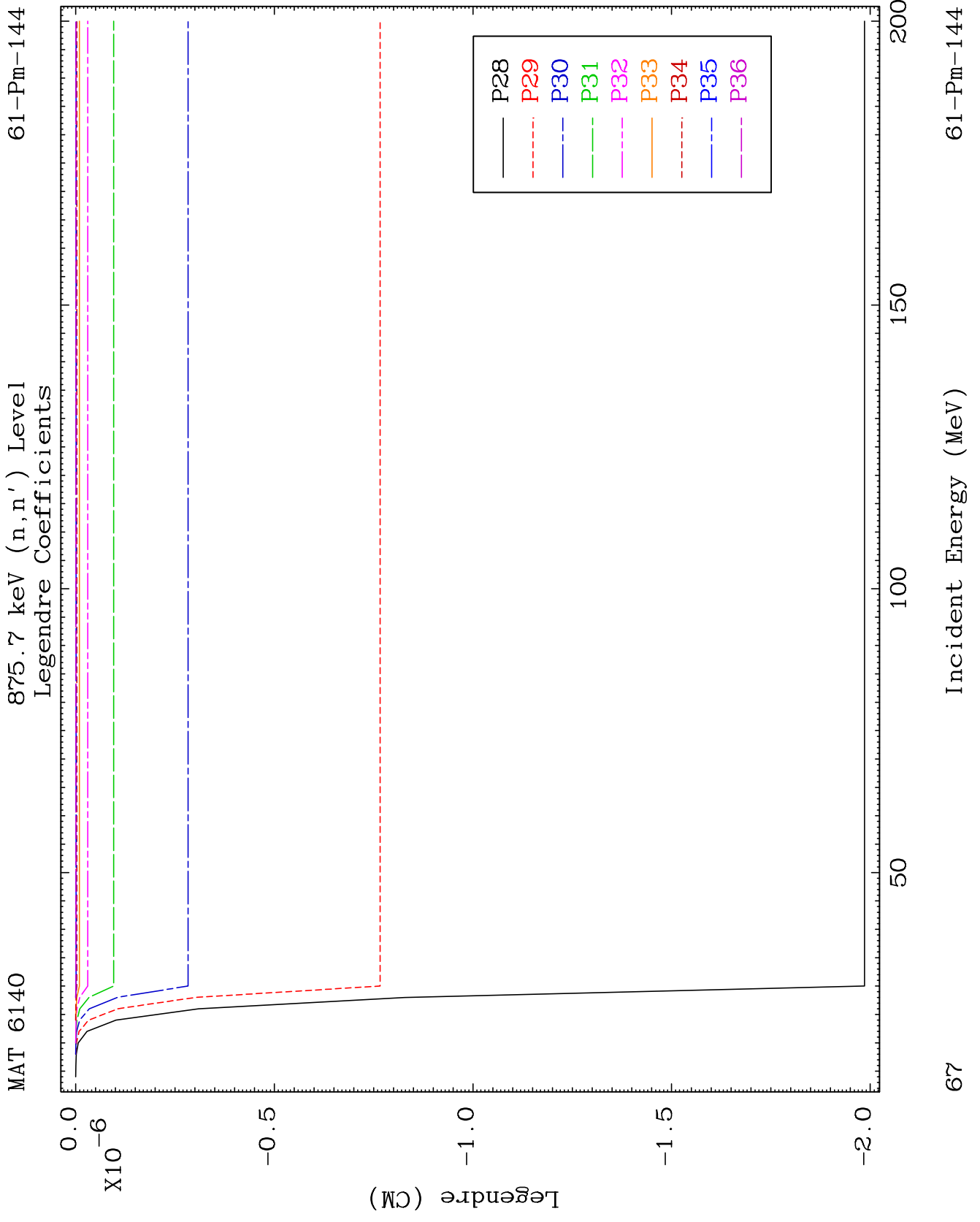










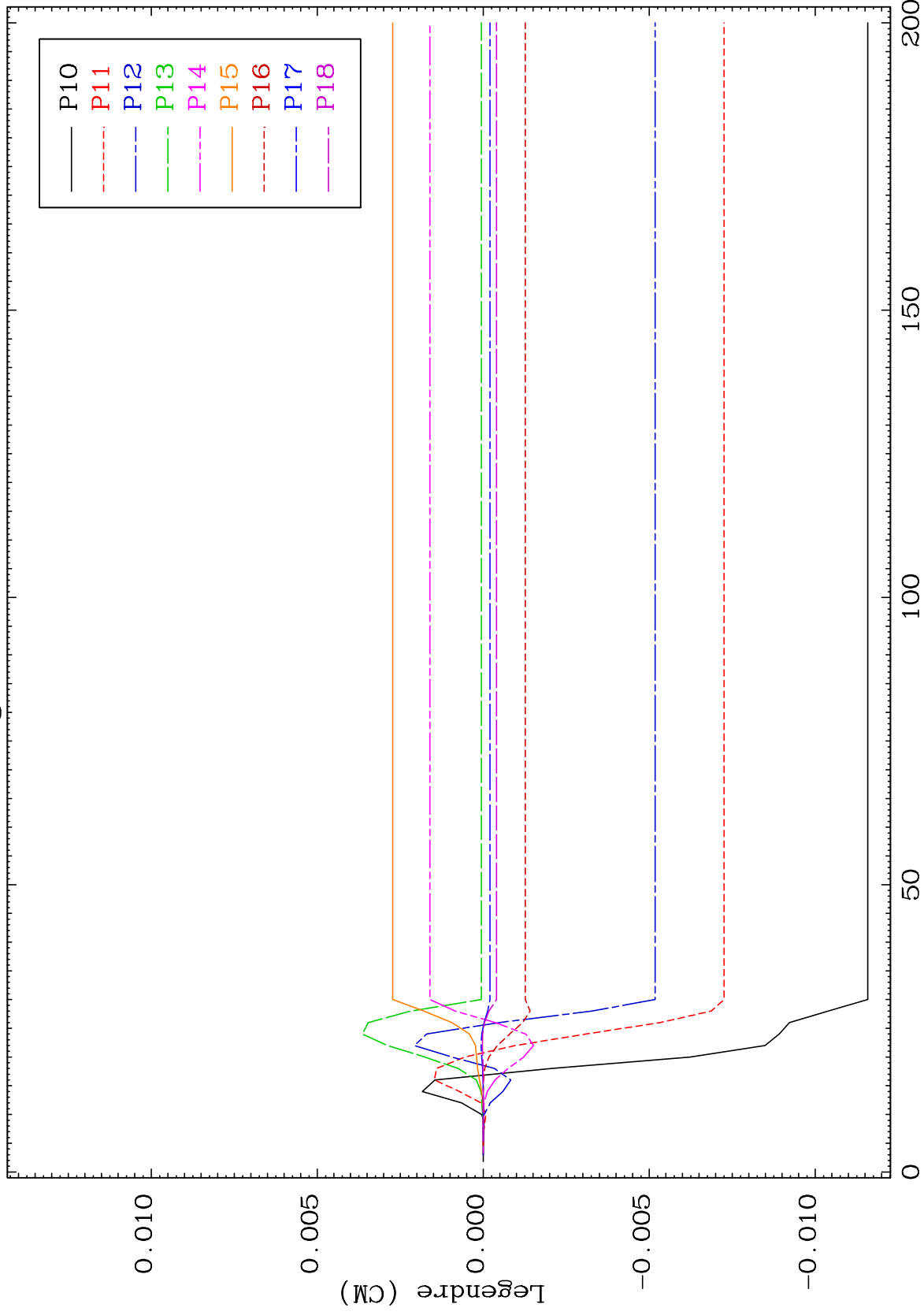




MAT 6140

896.3 keV (n,n') Level  
Legendre Coefficients

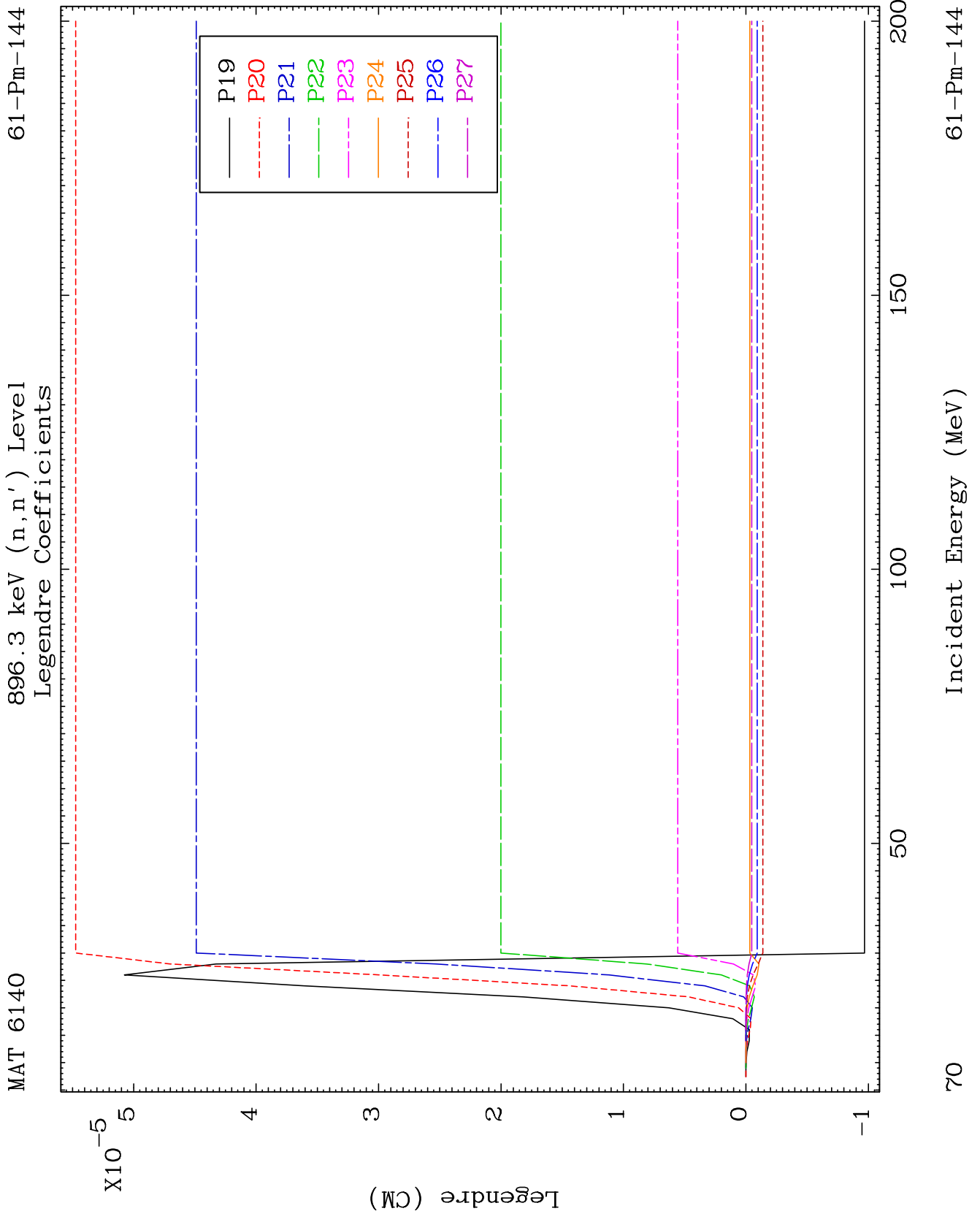
61-Pm-144



69

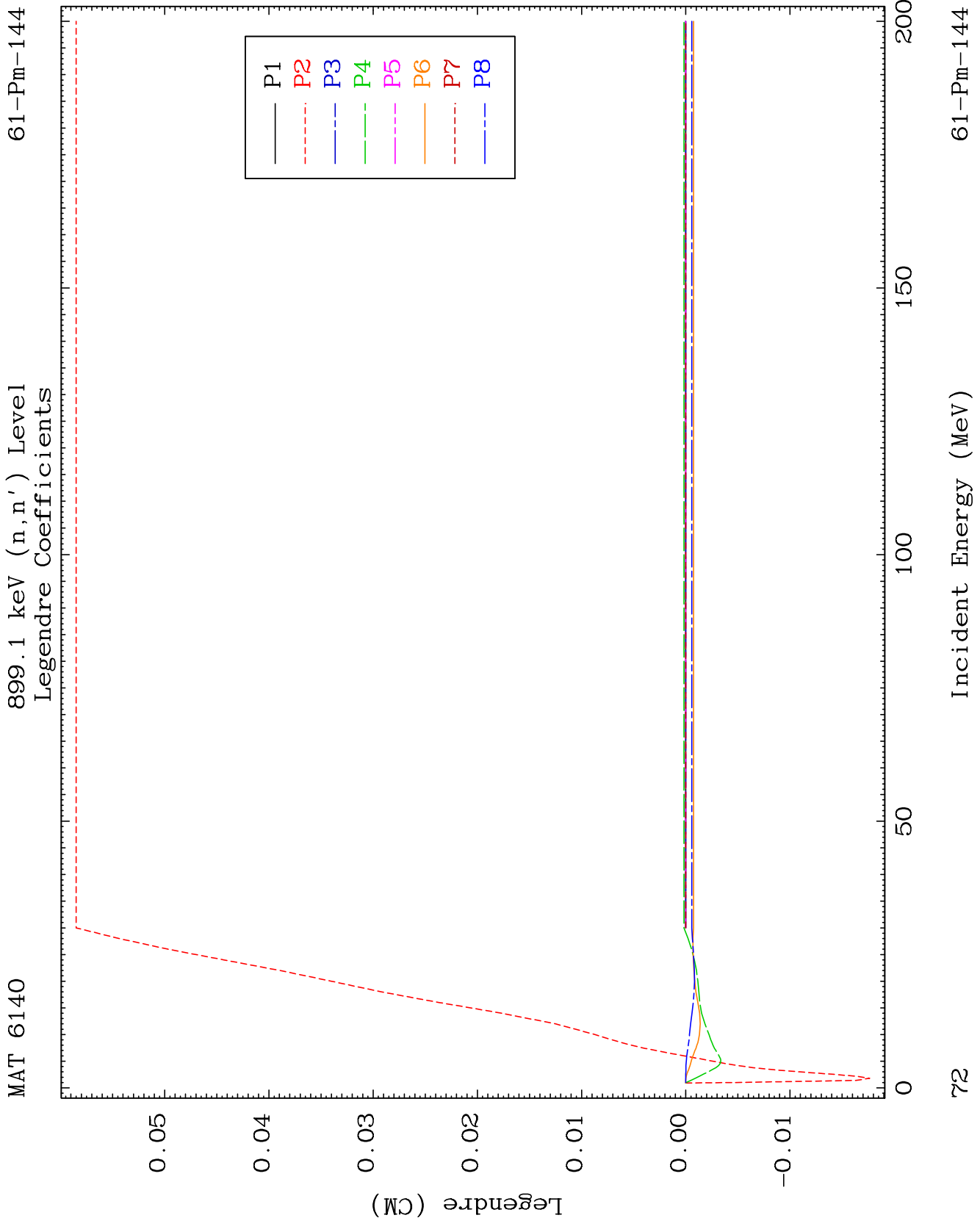
Incident Energy (MeV)

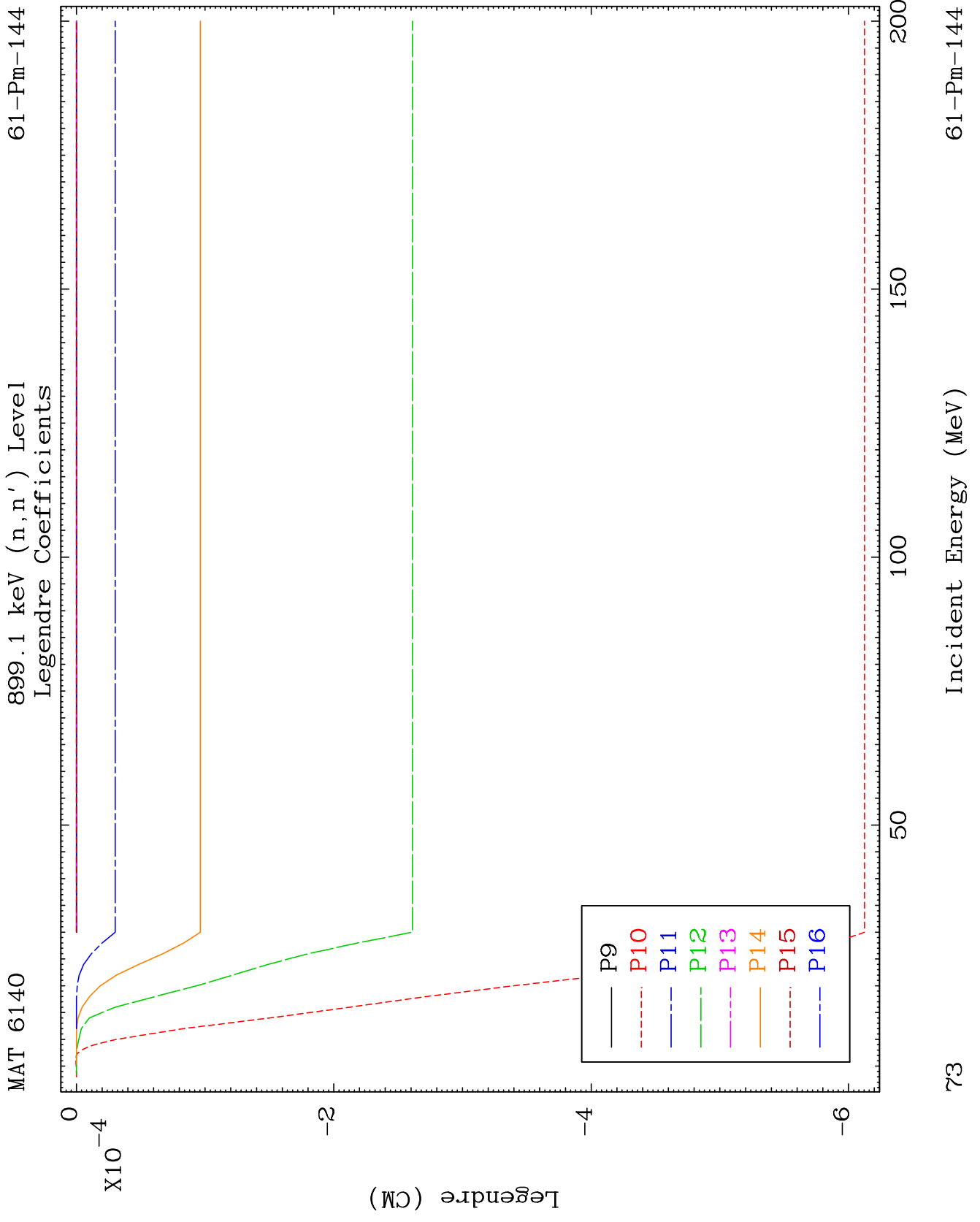
61-Pm-144







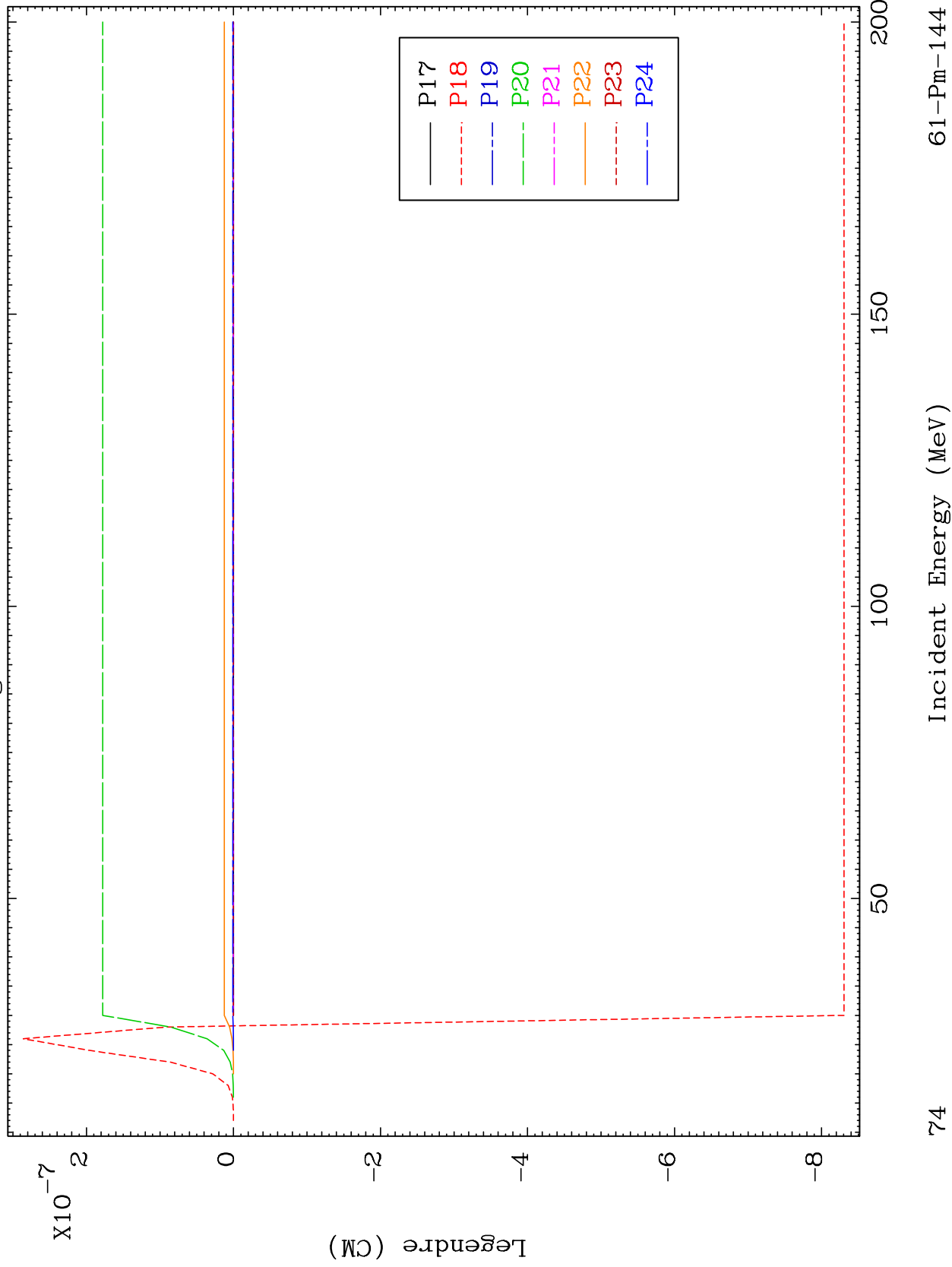




MAT 6140

899.1 keV (n,n') Level  
Legendre Coefficients

61-Pm-144

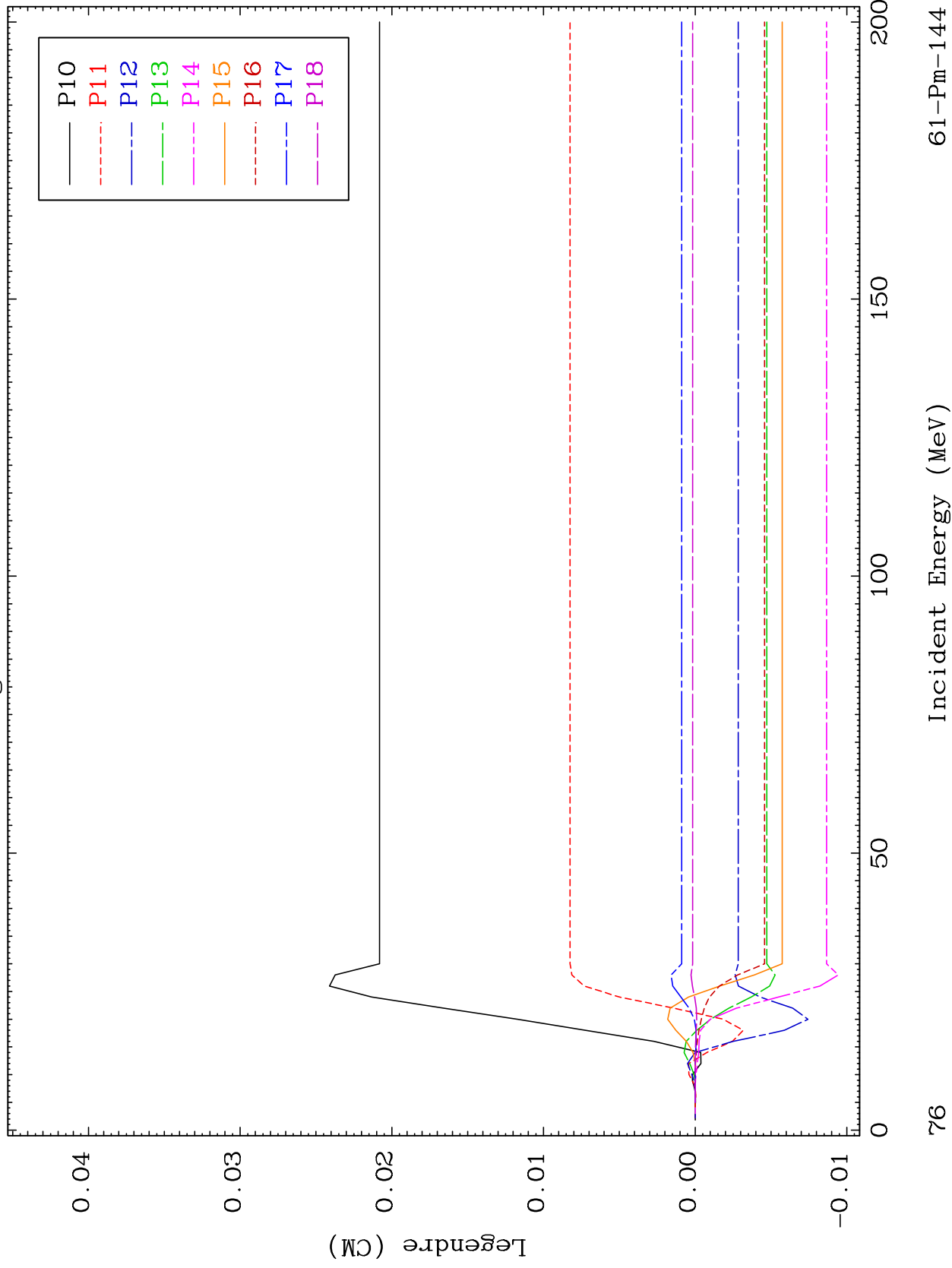




MAT 6140

943.0 keV (n,n') Level  
Legendre Coefficients

61-Pm-144



61-Pm-144

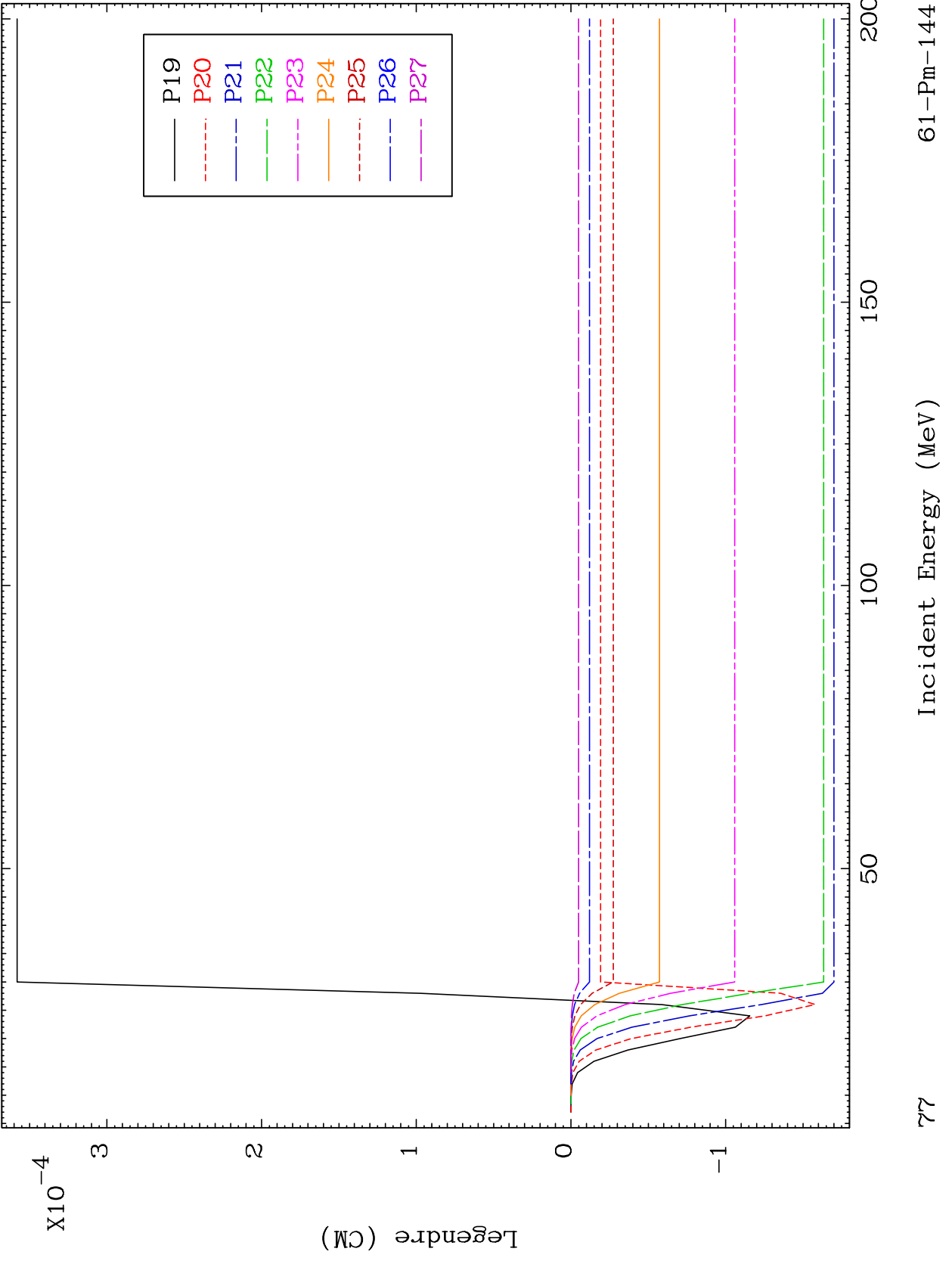
Incident Energy (MeV)

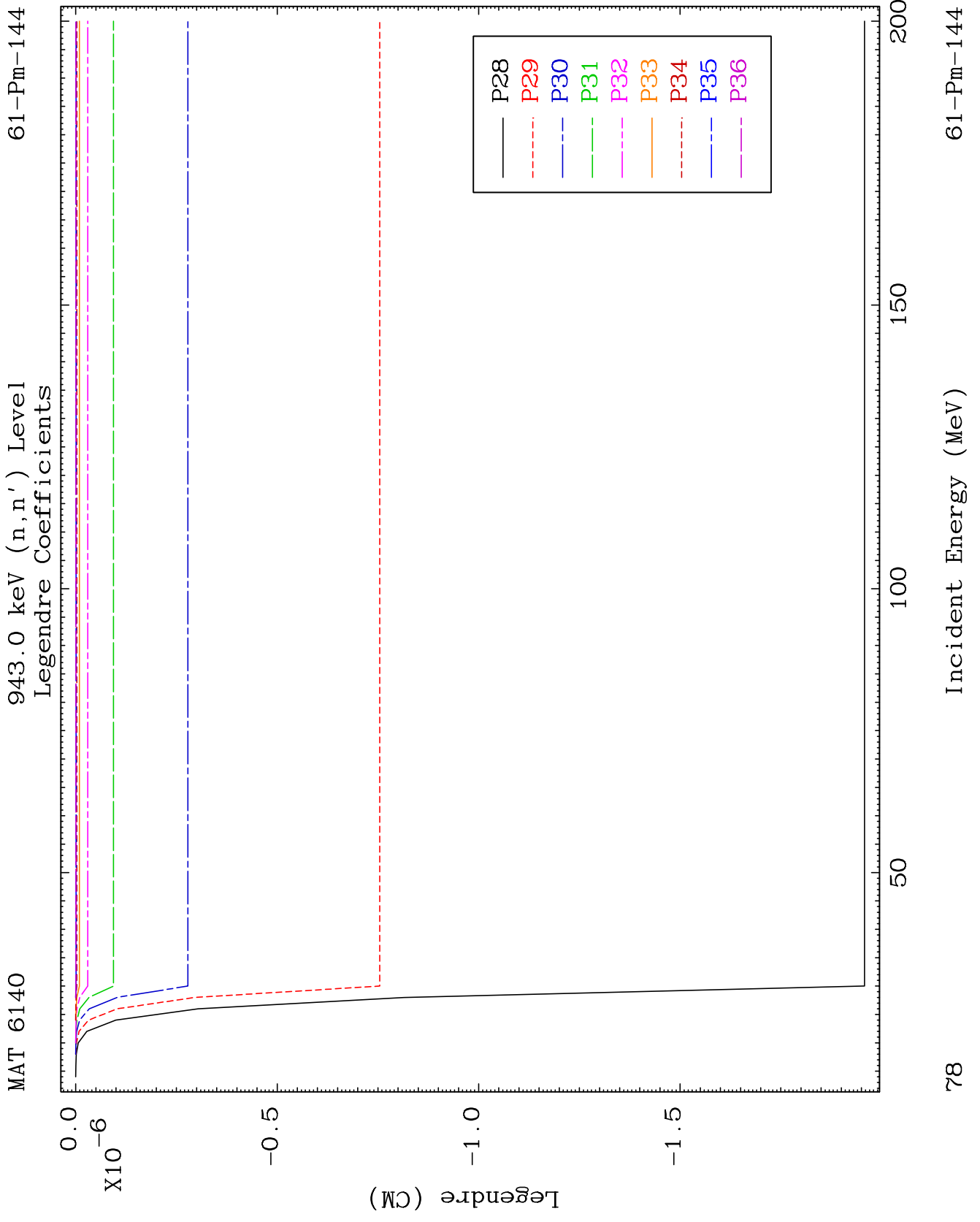
76

MAT 6140

943.0 keV (n,n') Level  
Legendre Coefficients

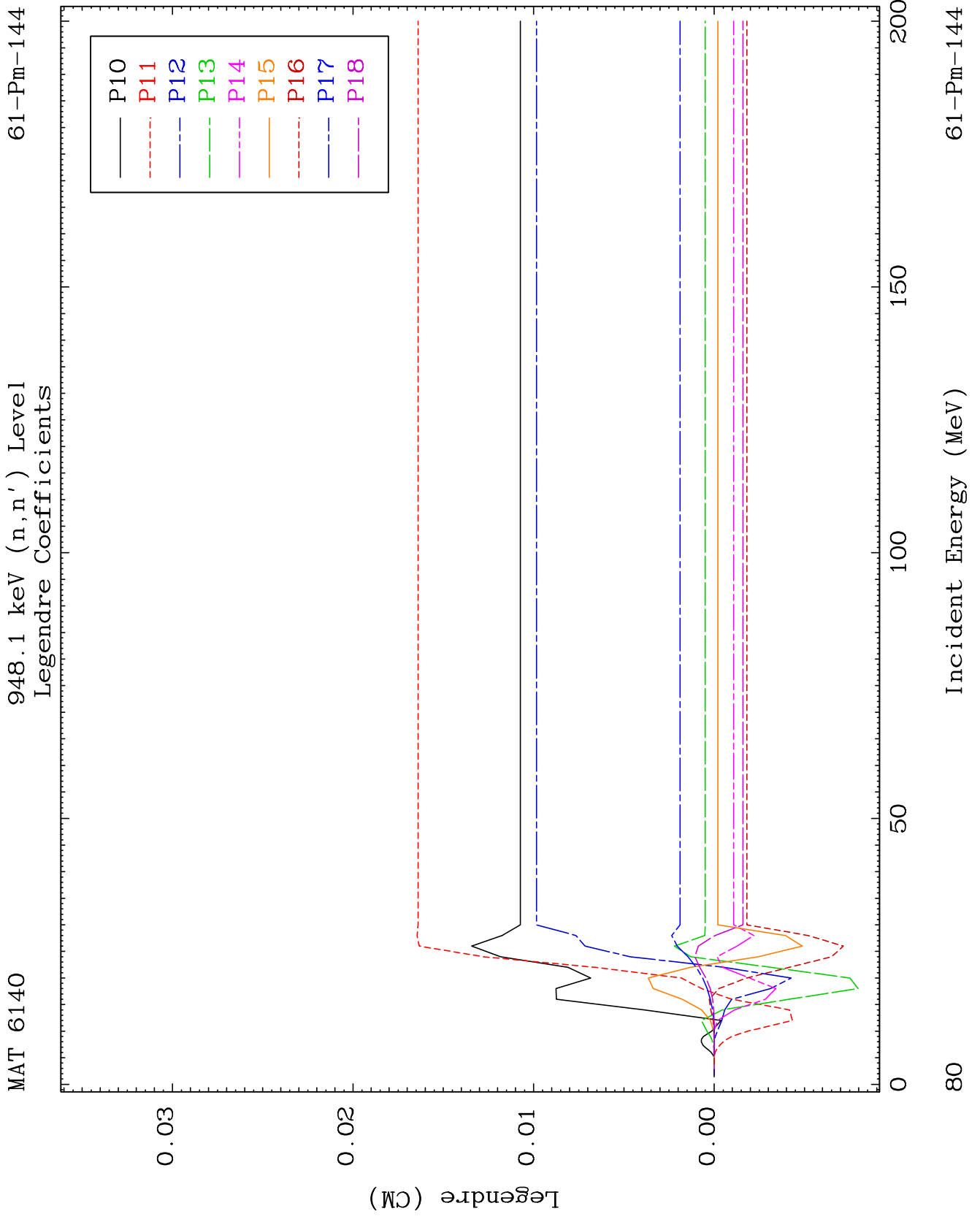
61-Pm-144







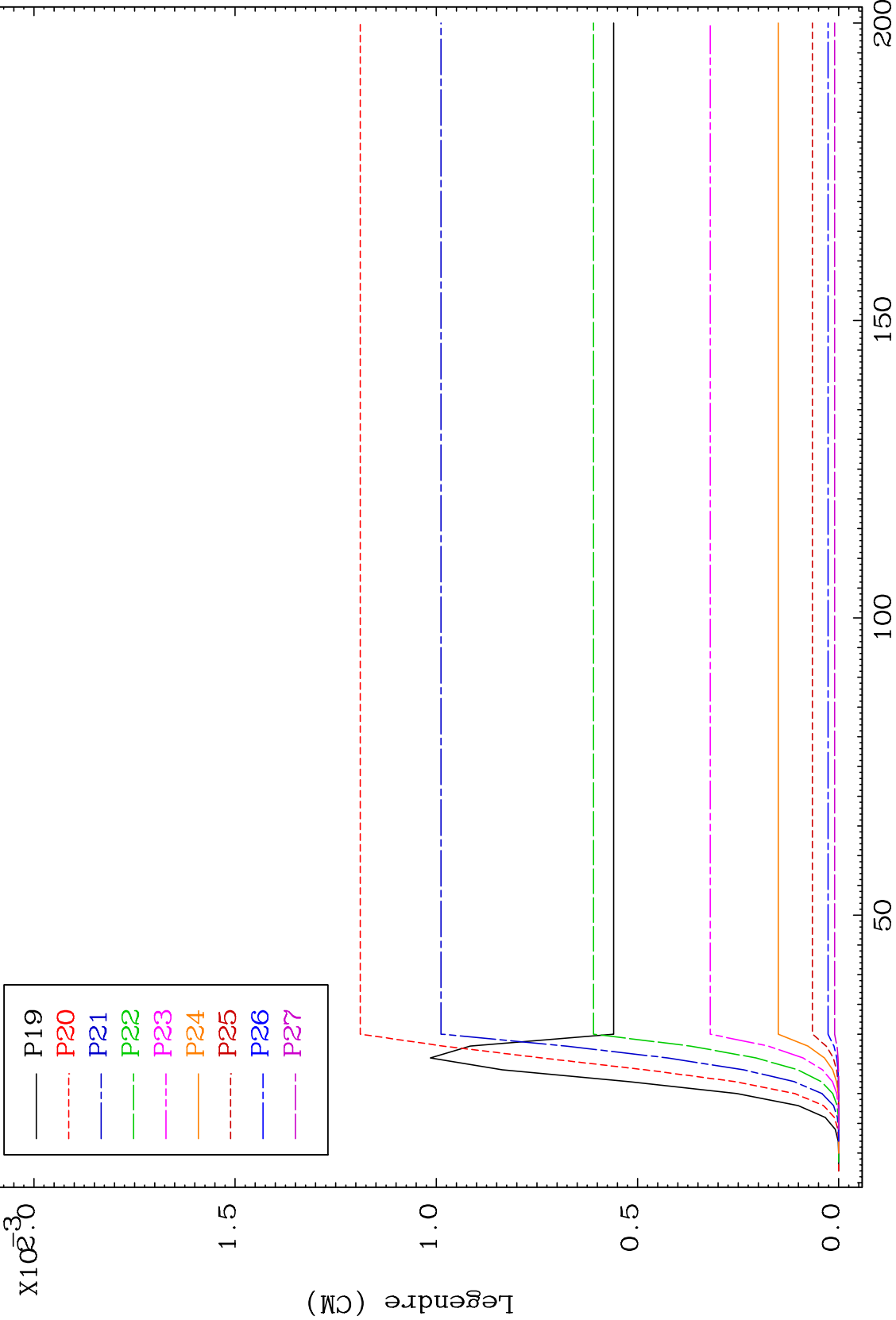
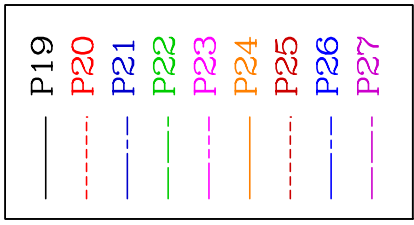




MAT 6140

948.1 keV (n,n') Level  
Legendre Coefficients

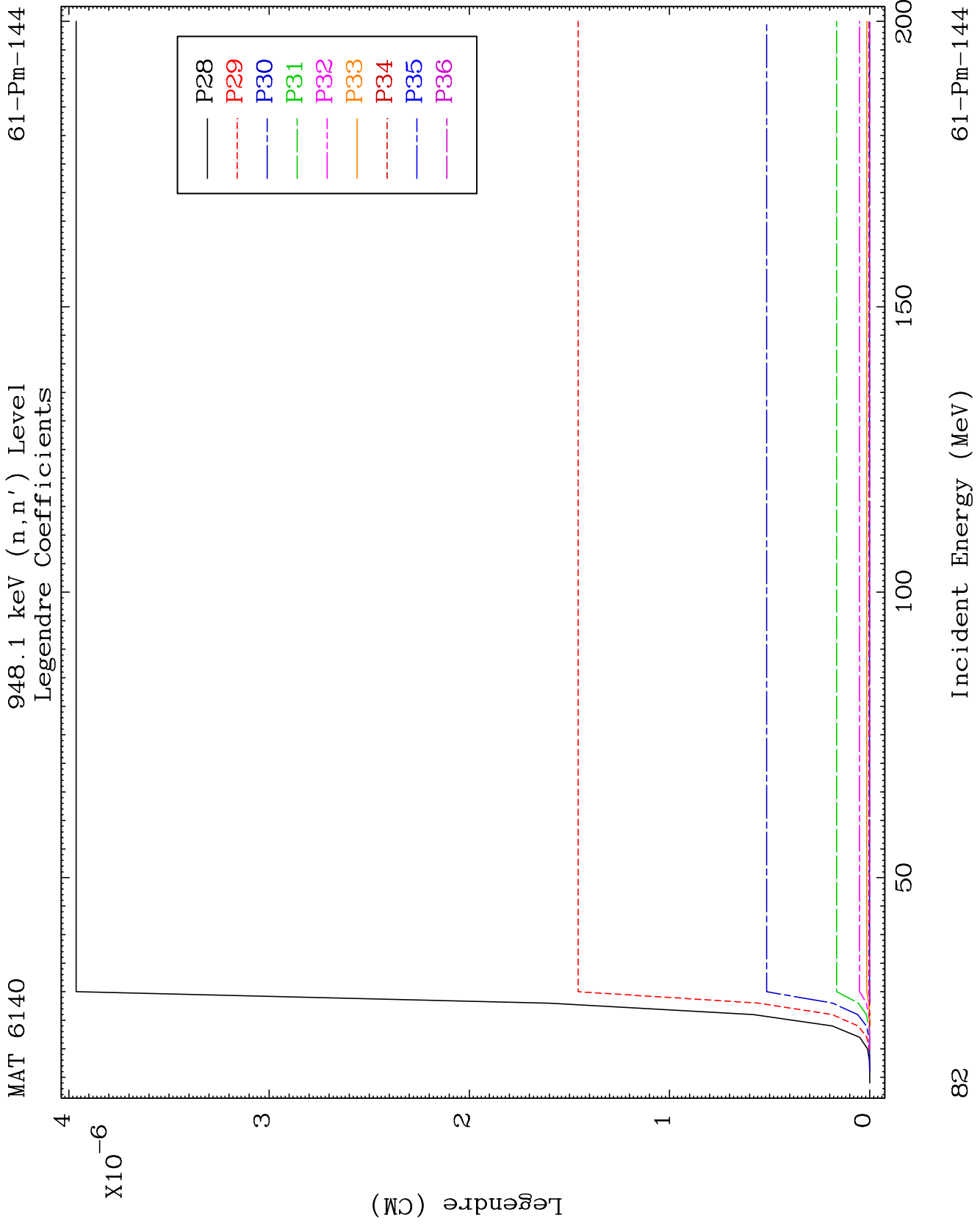
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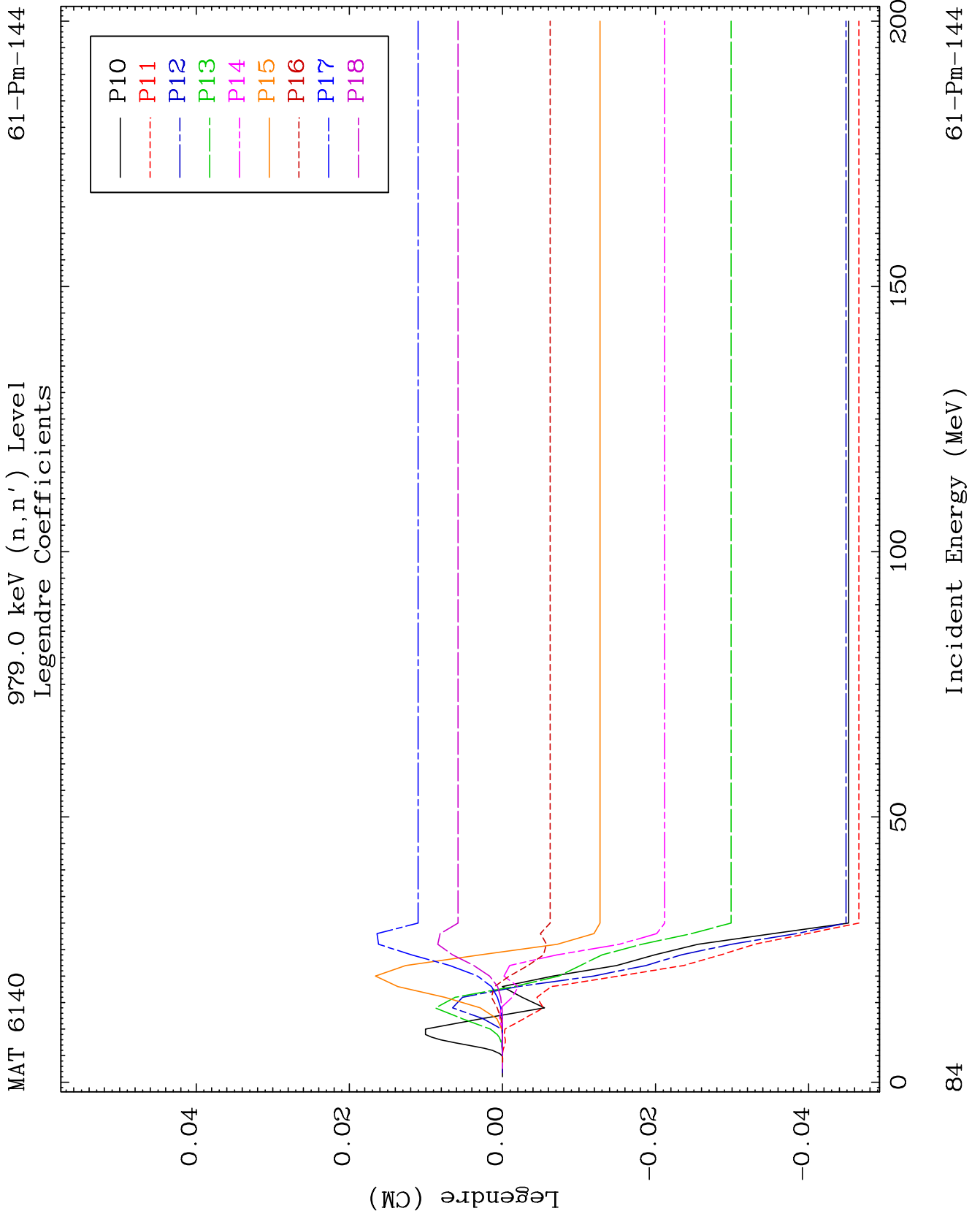
81

Incident Energy (MeV)

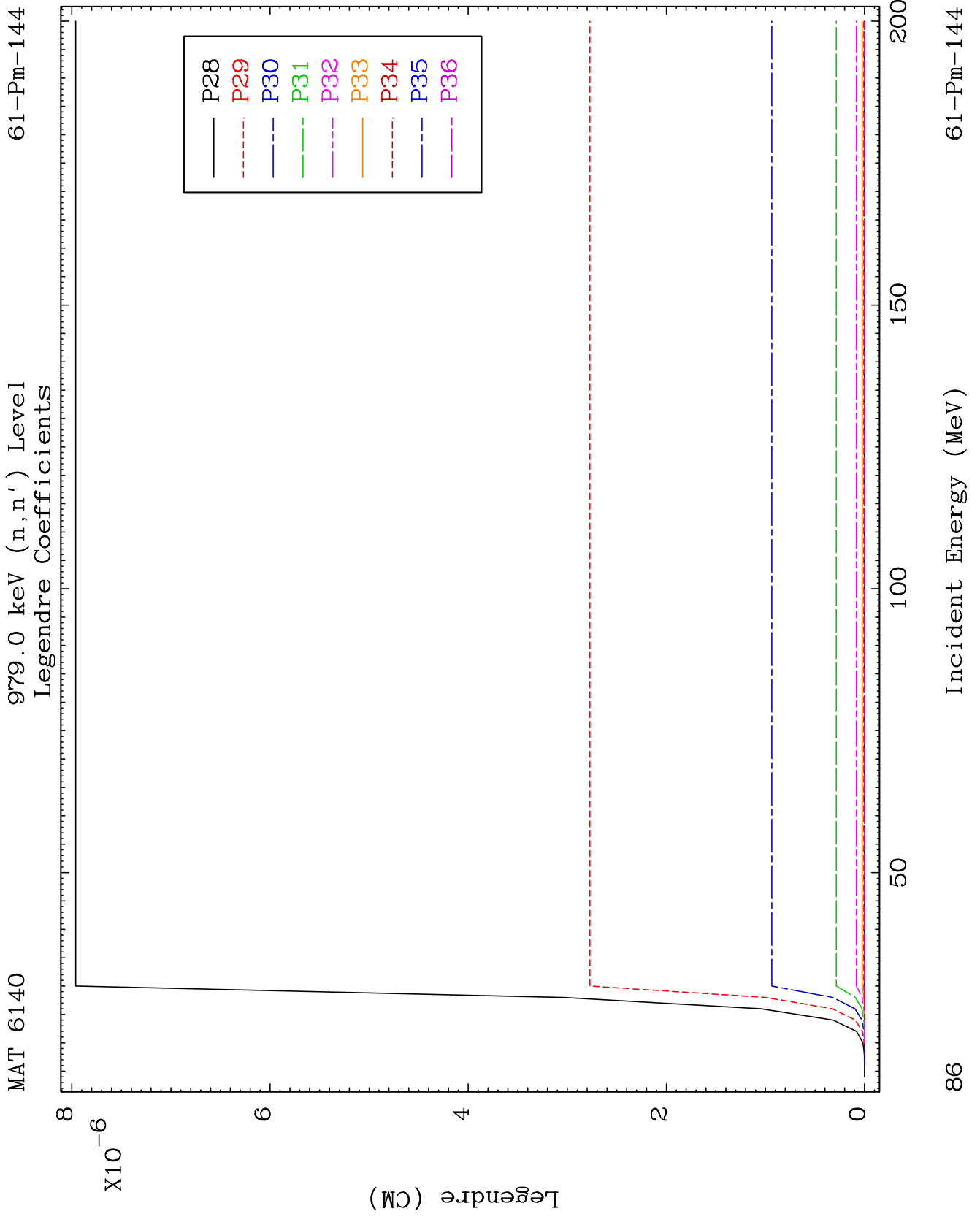
61-Pm-144





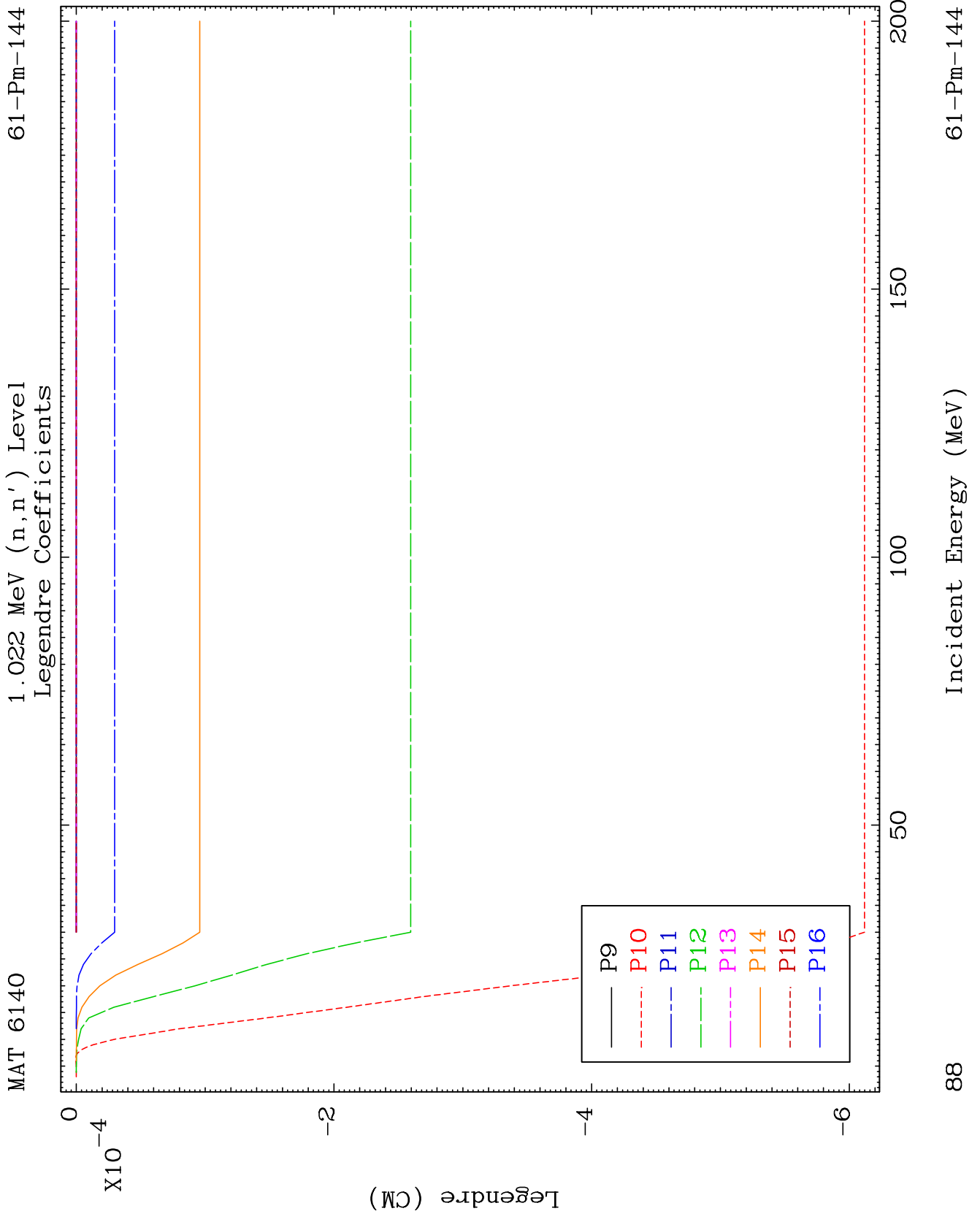


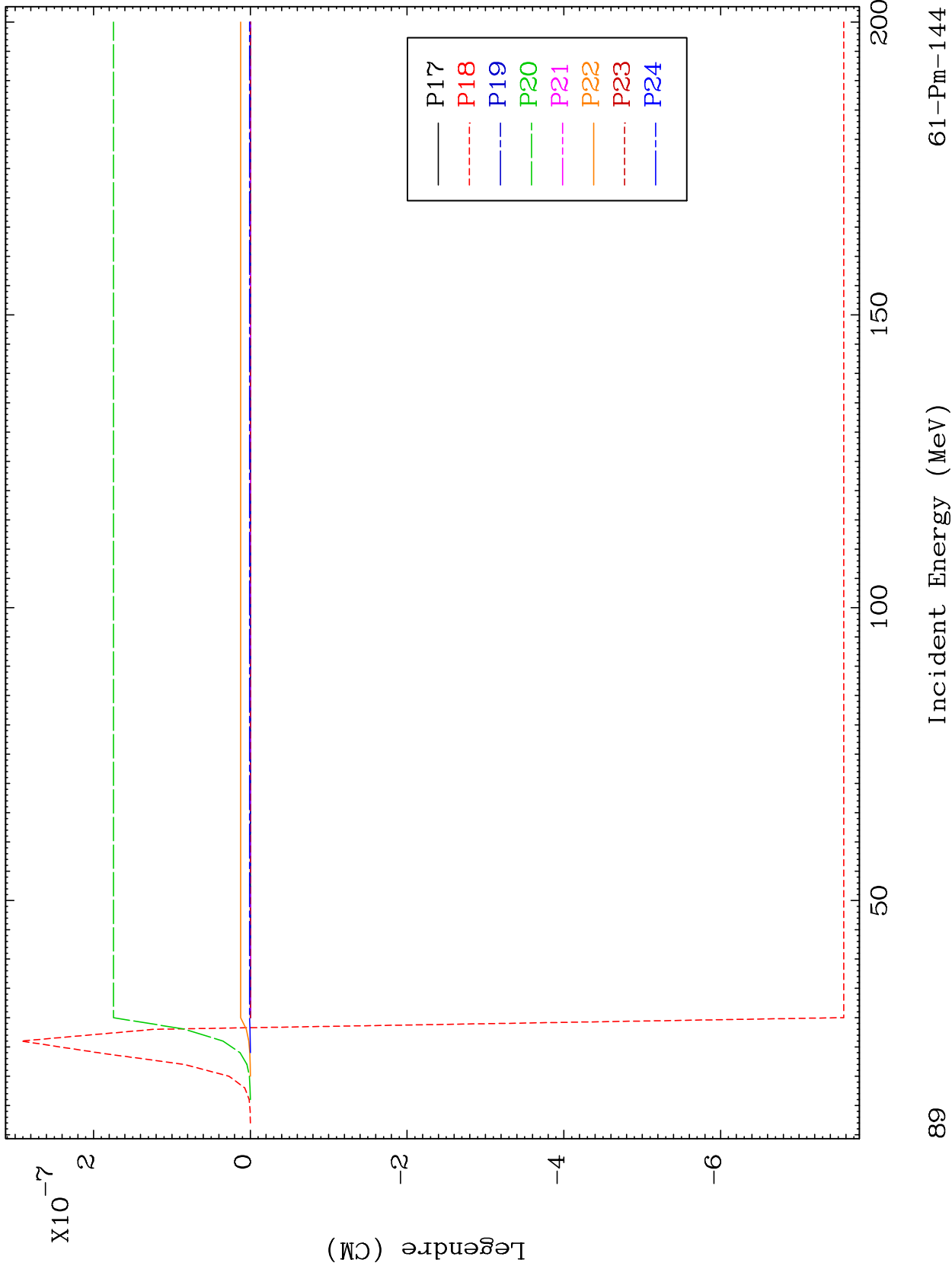




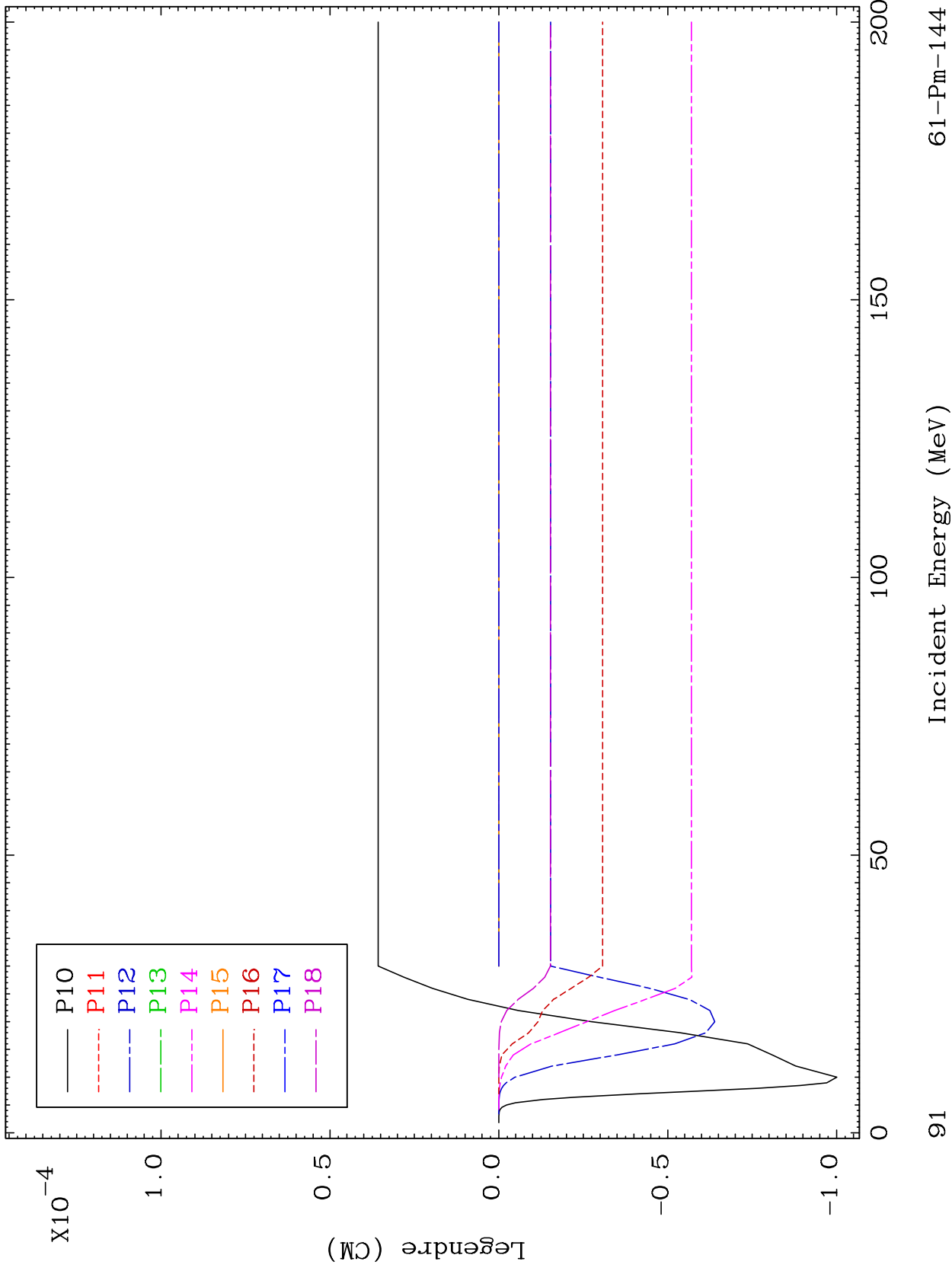


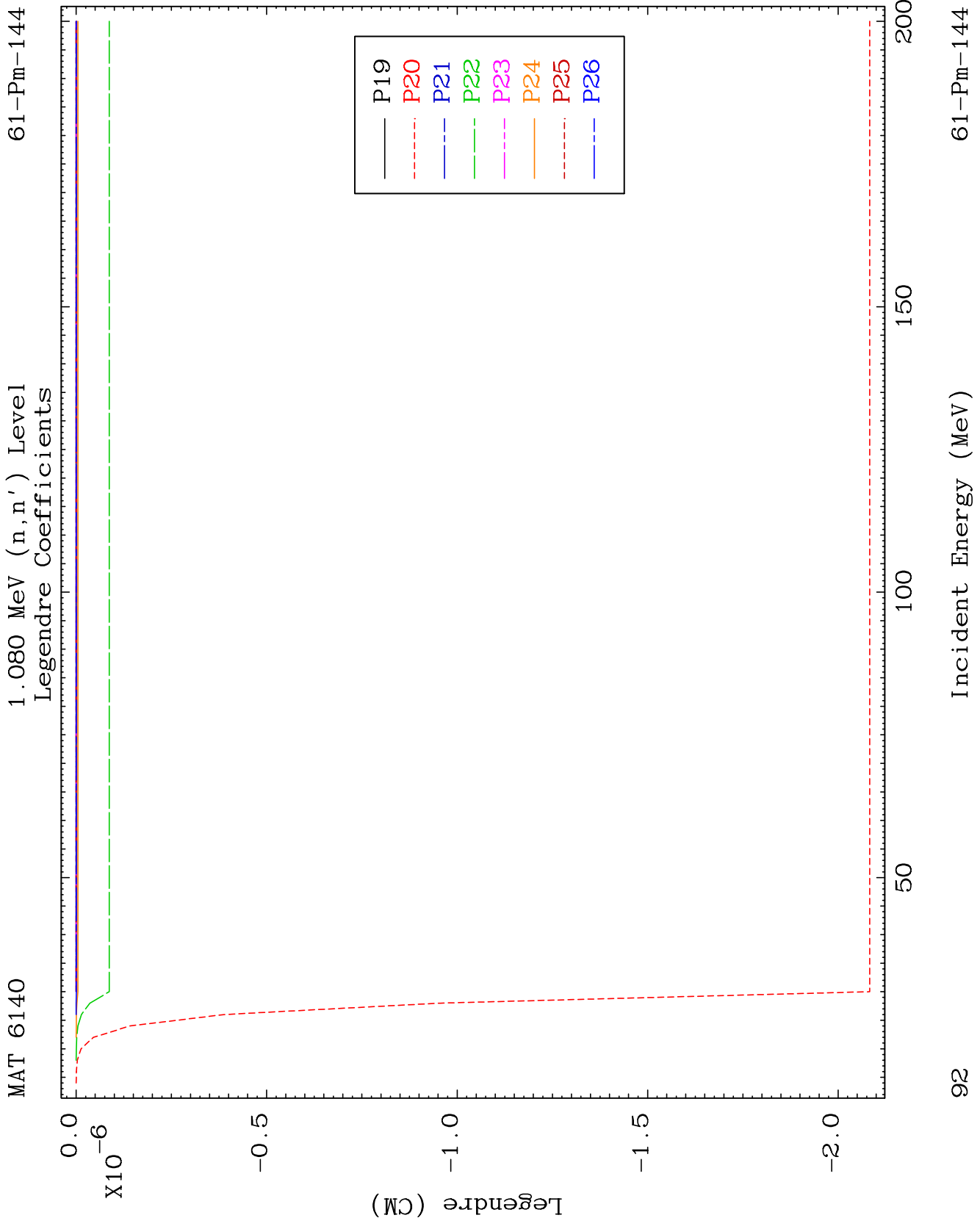


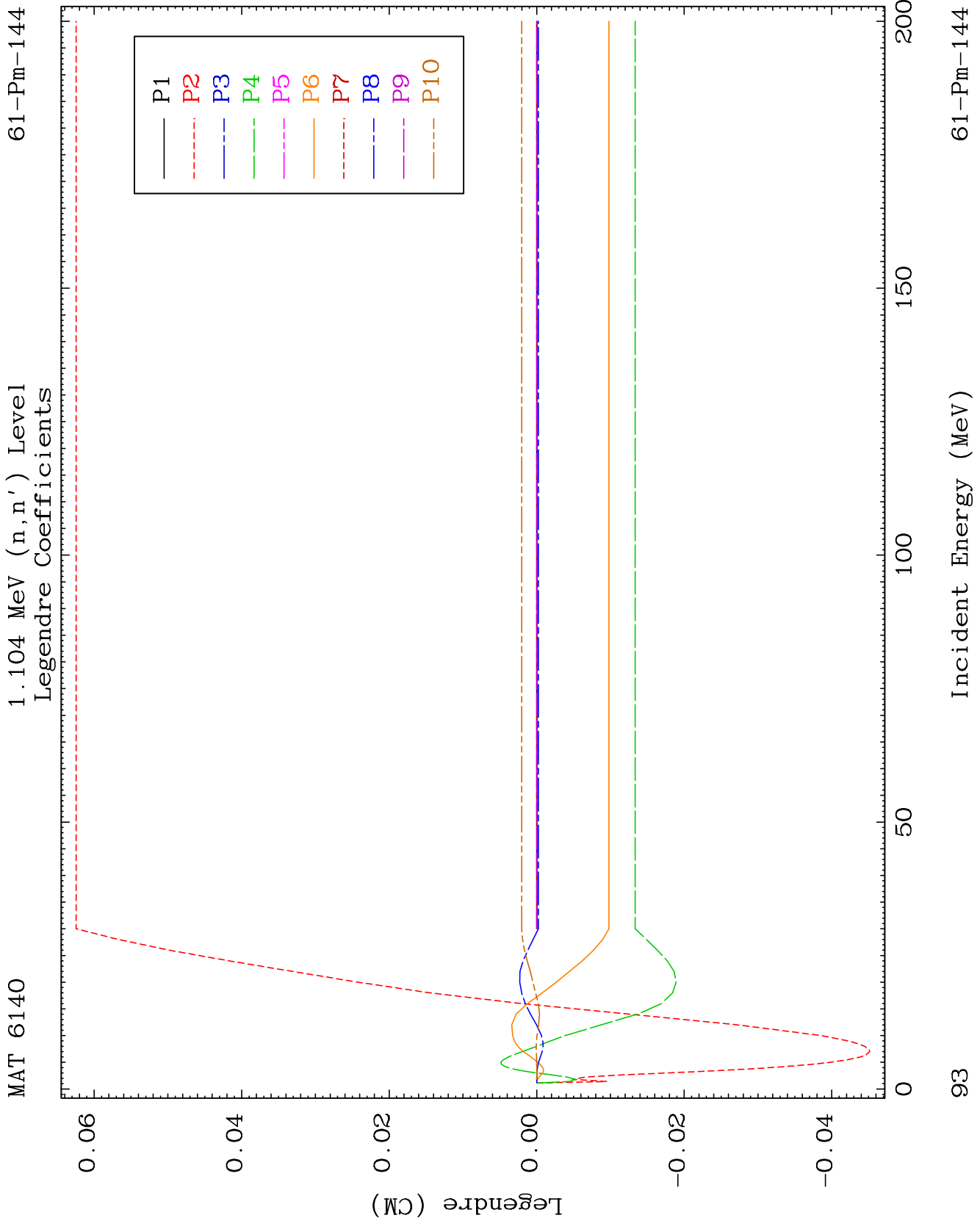


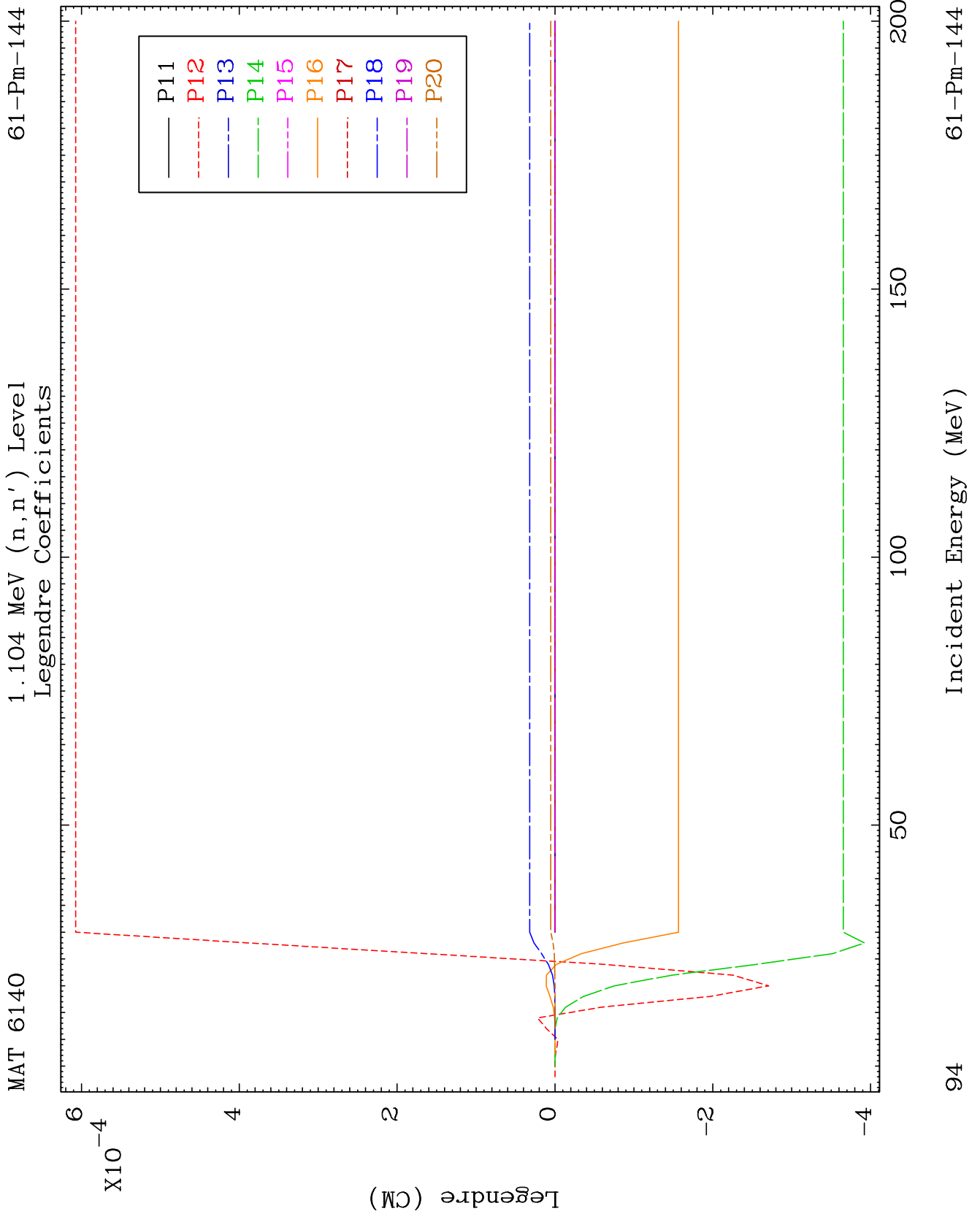












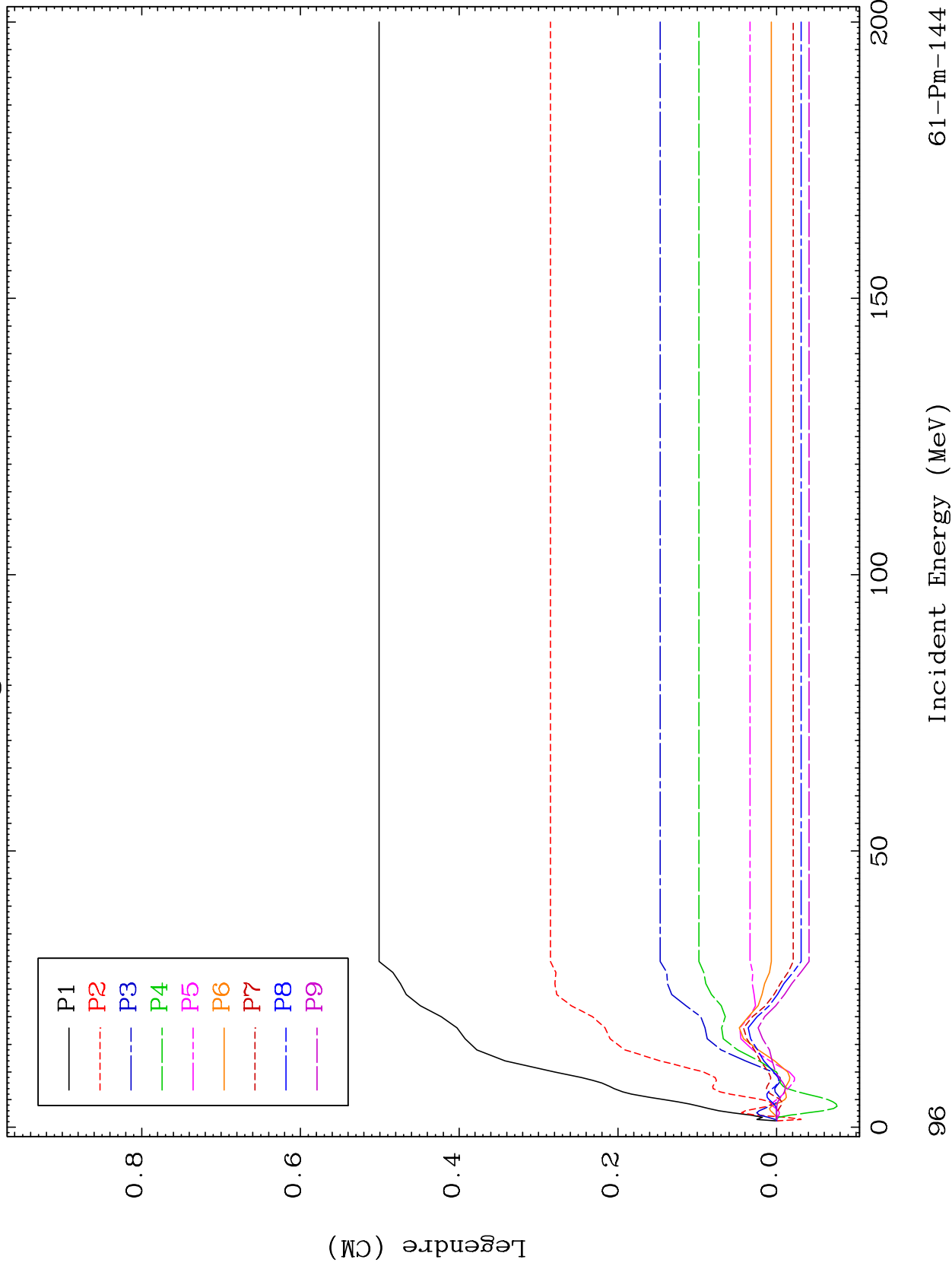




MAT 6140

1.127 MeV (n,n') Level  
Legendre Coefficients

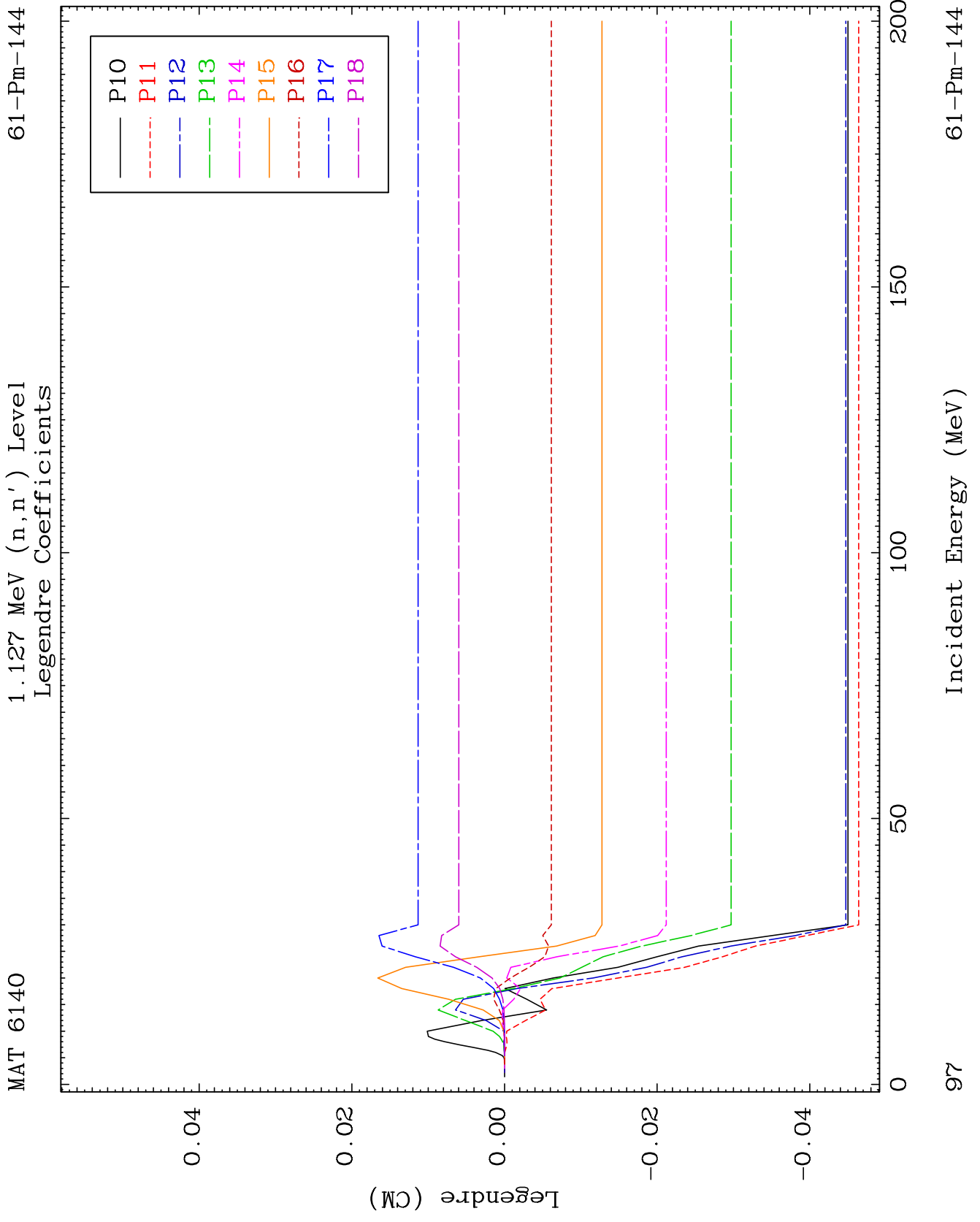
61-Pm-144



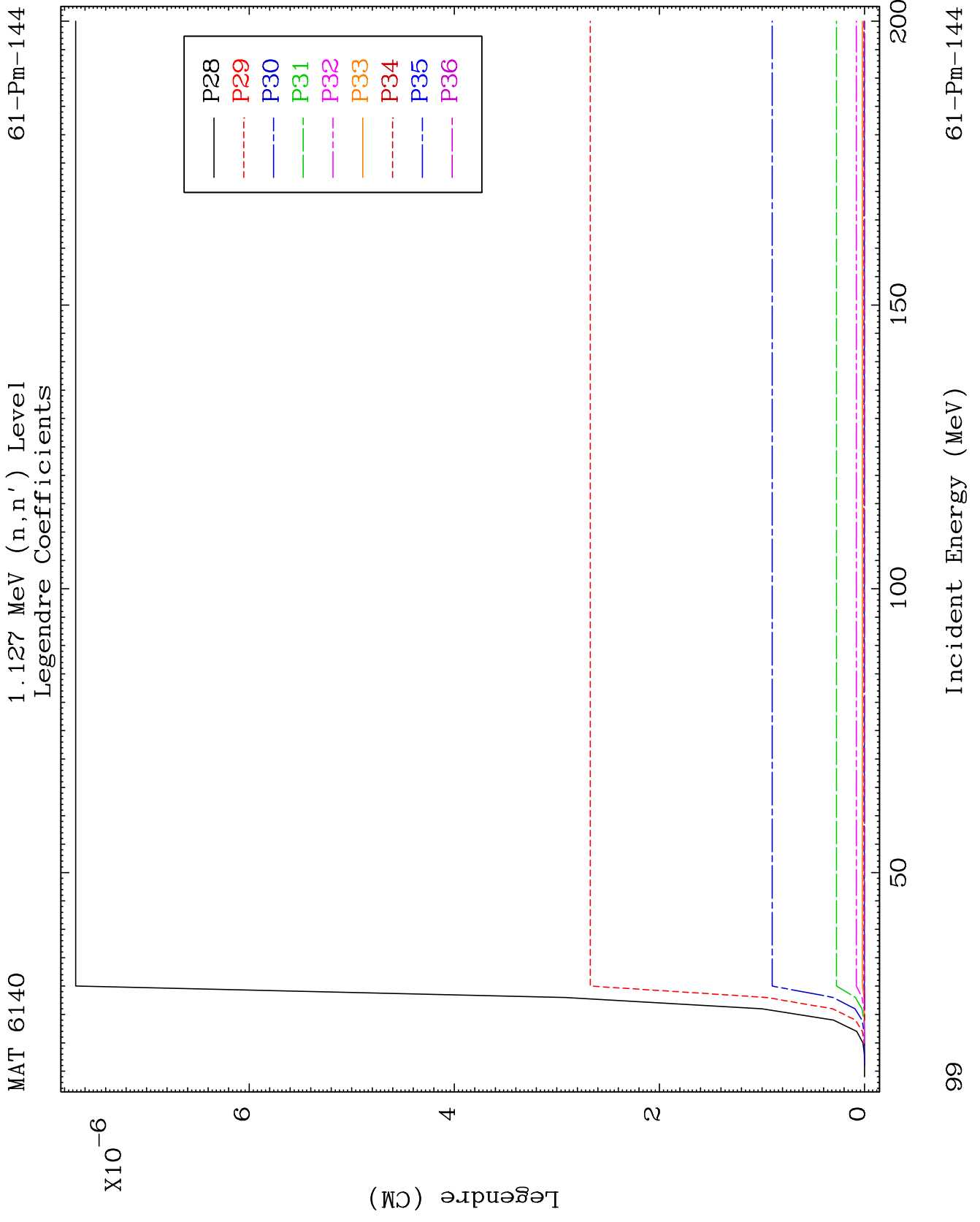
96

Incident Energy (MeV)

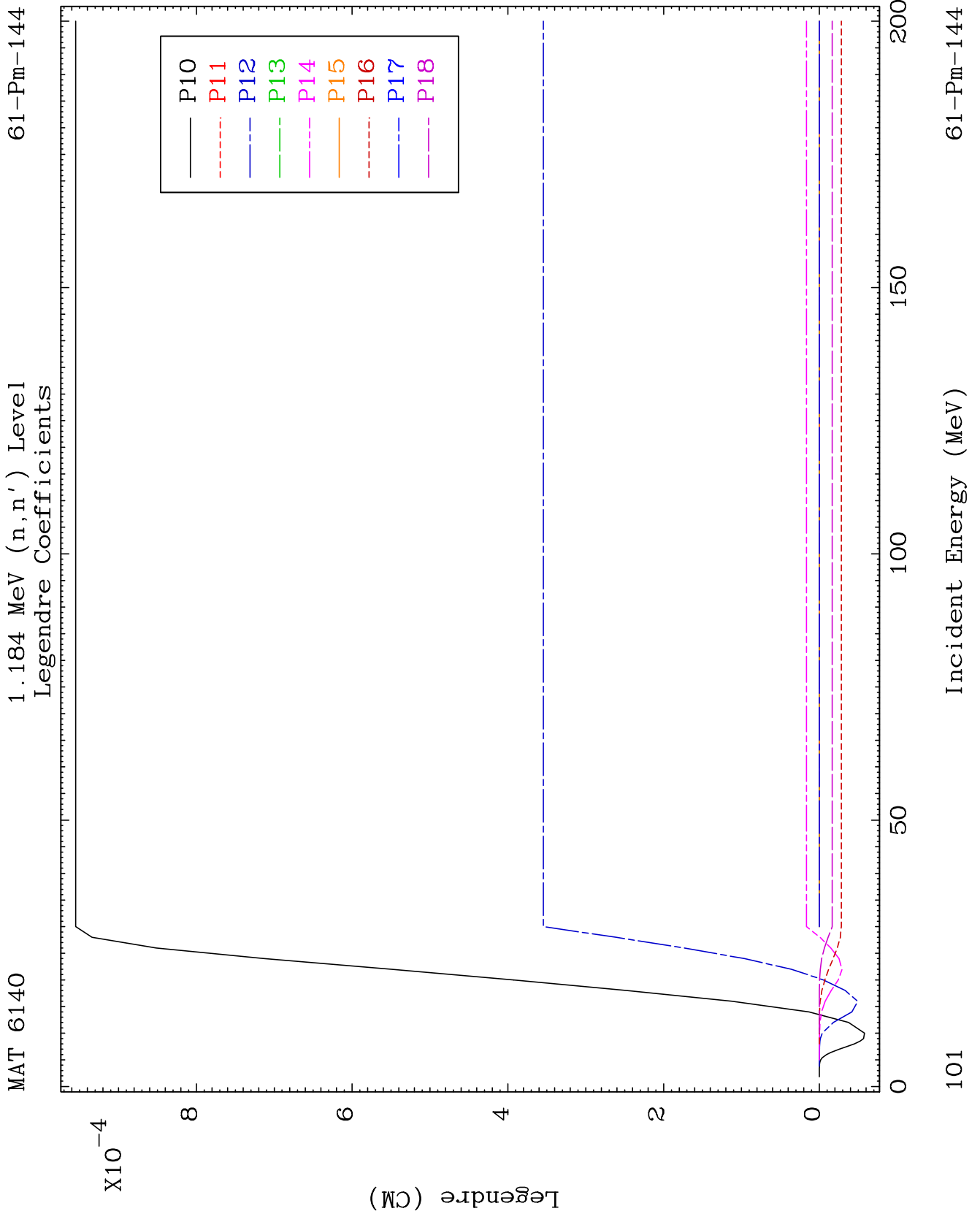
61-Pm-144

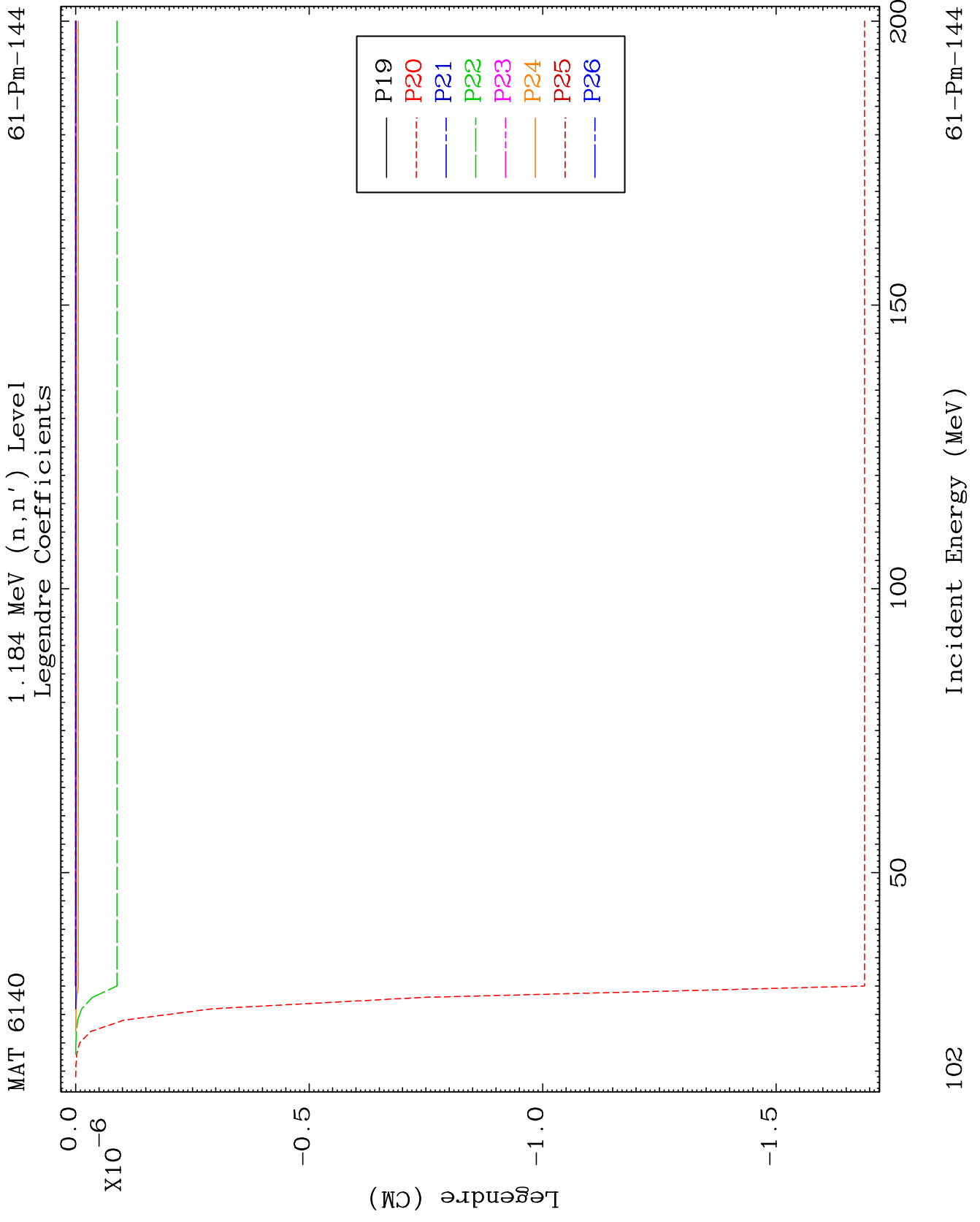






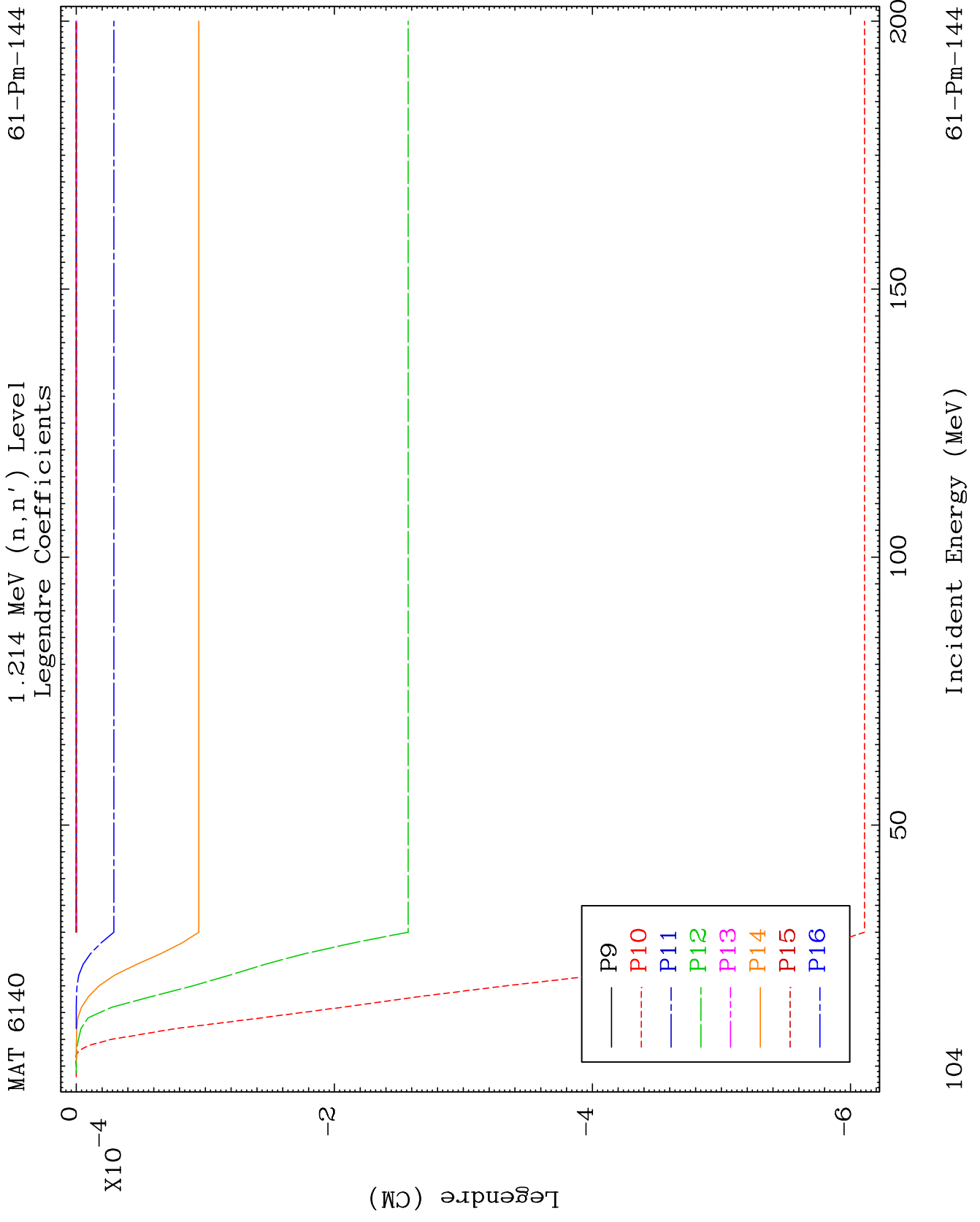










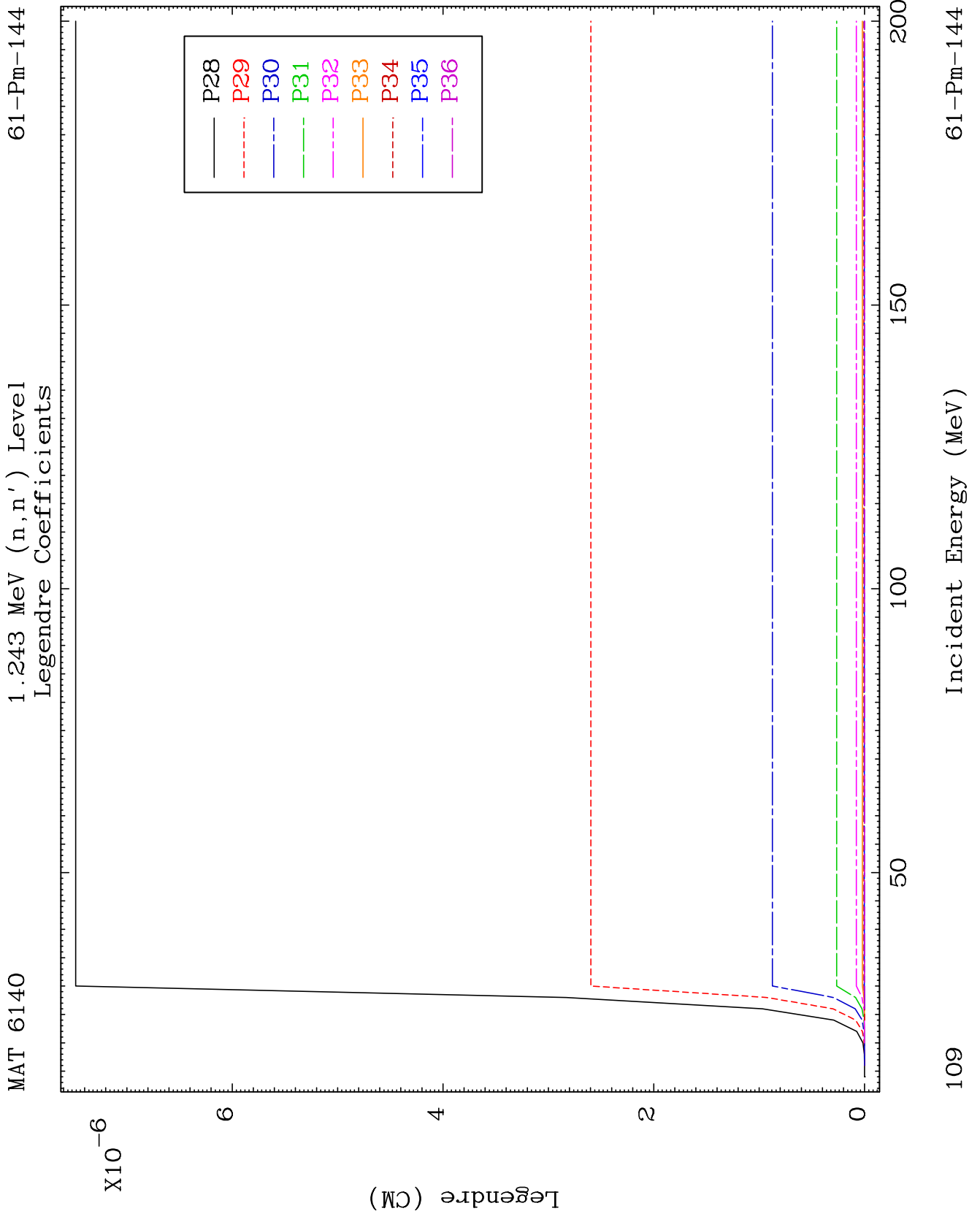


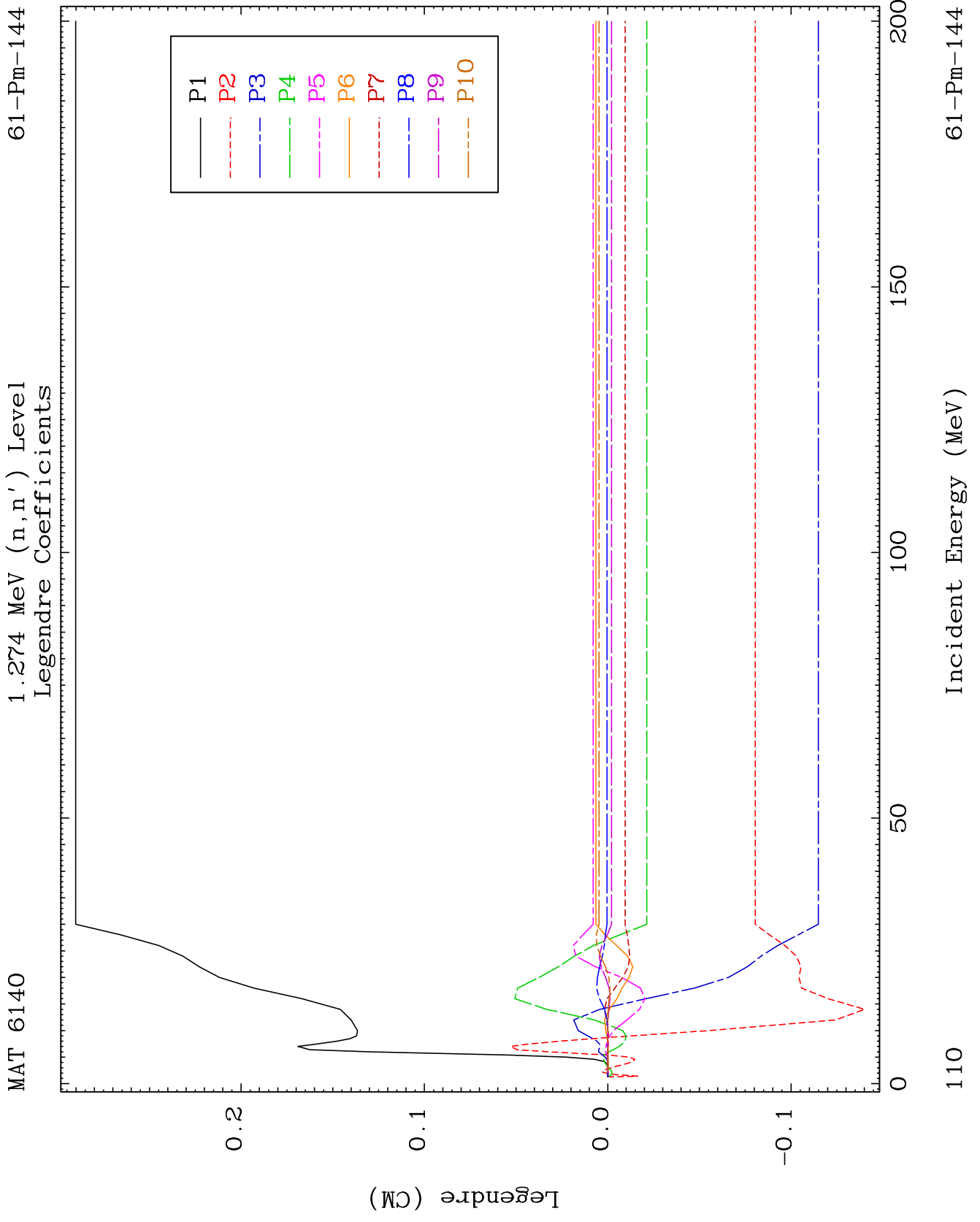








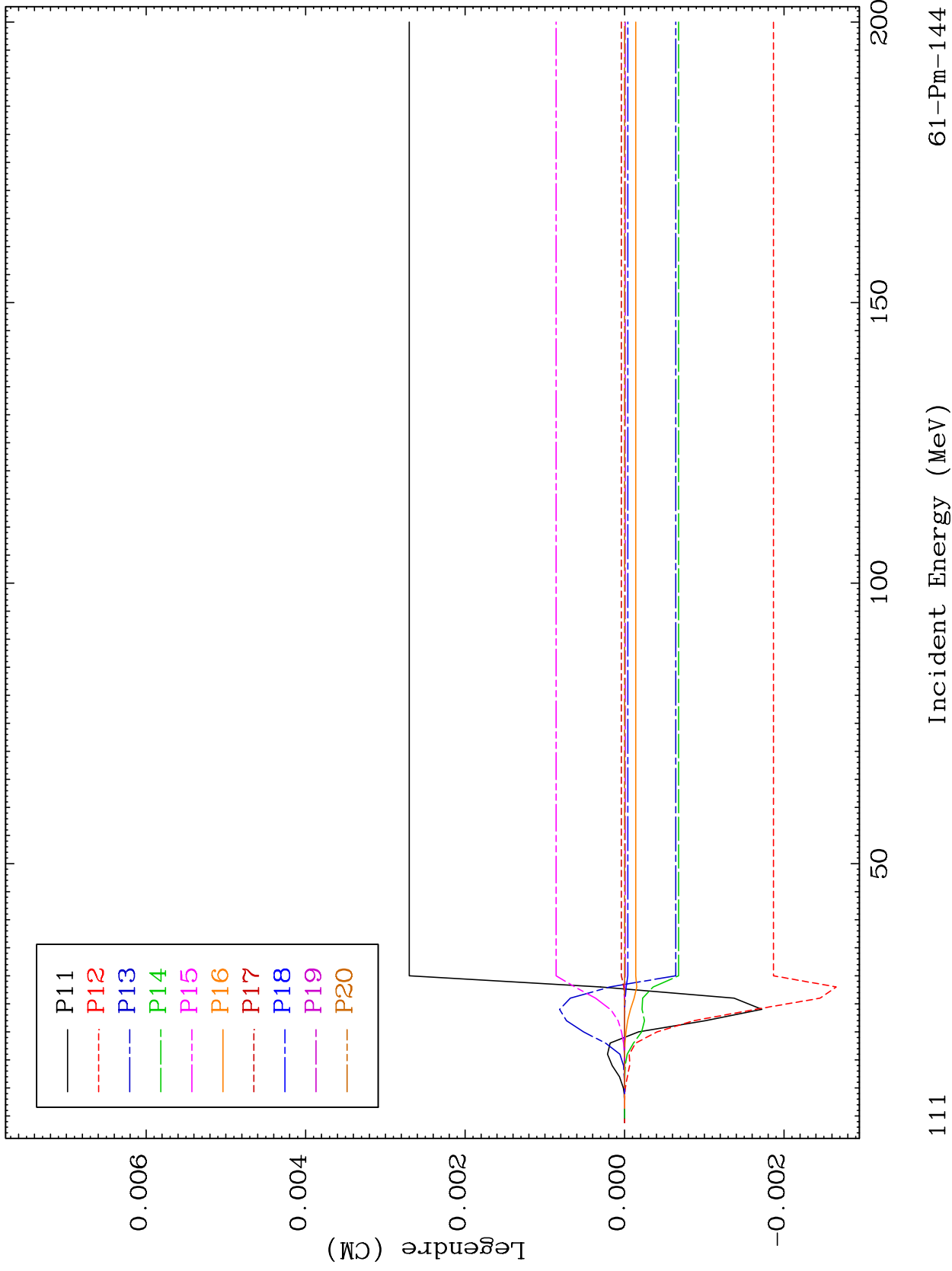




MAT 6140

1.274 MeV (n,n') Level  
Legendre Coefficients

61-Pm-144



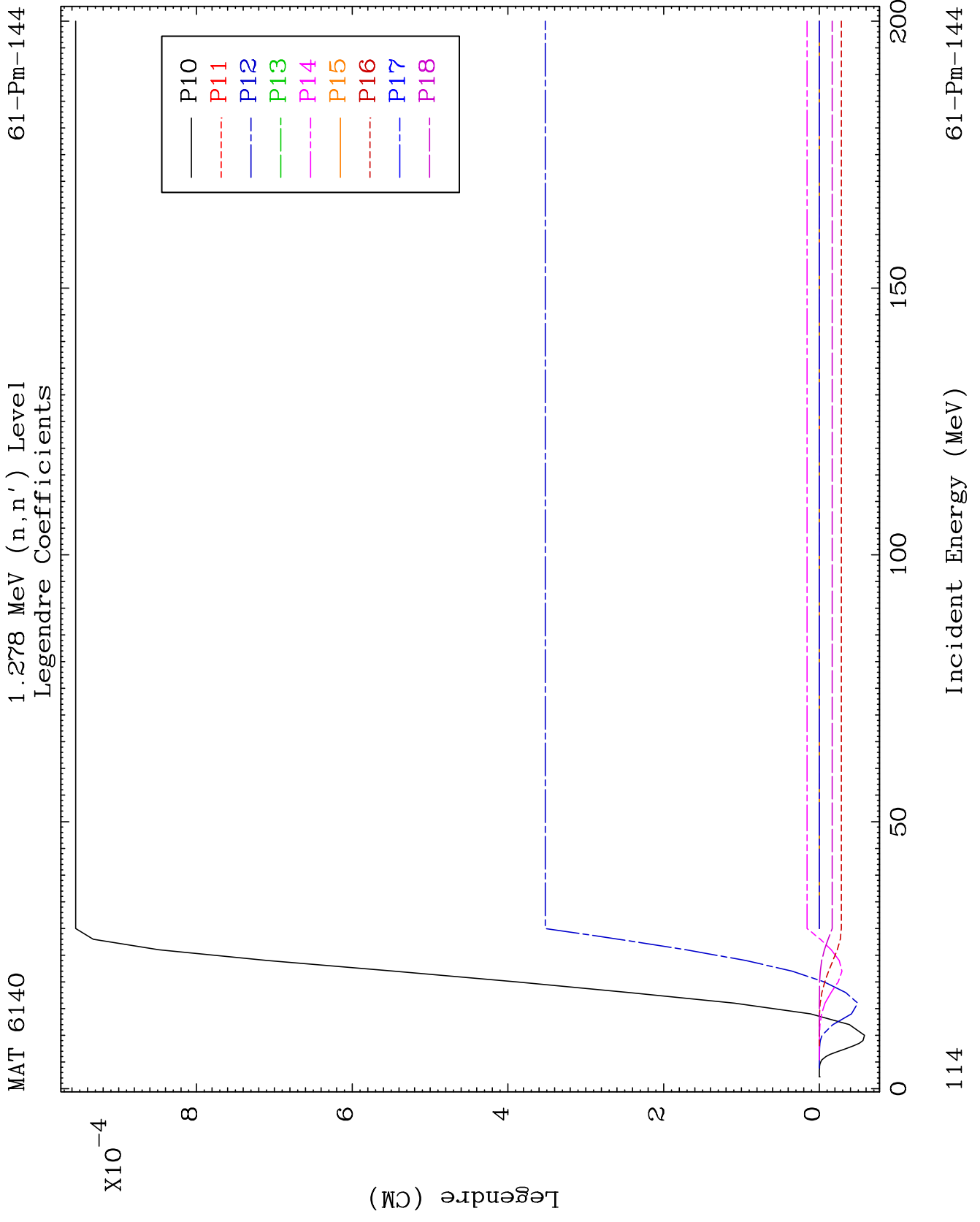
111

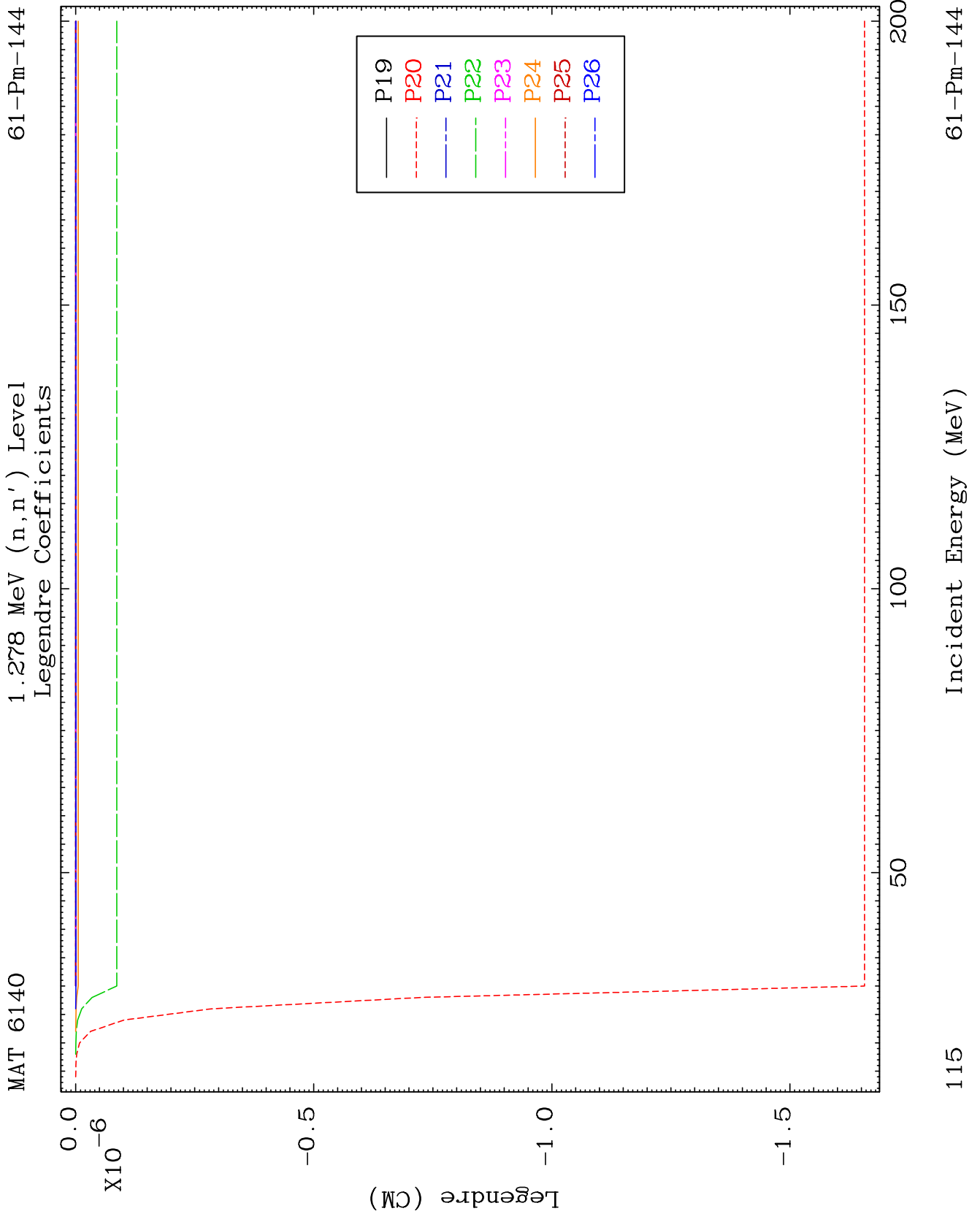
61-Pm-144

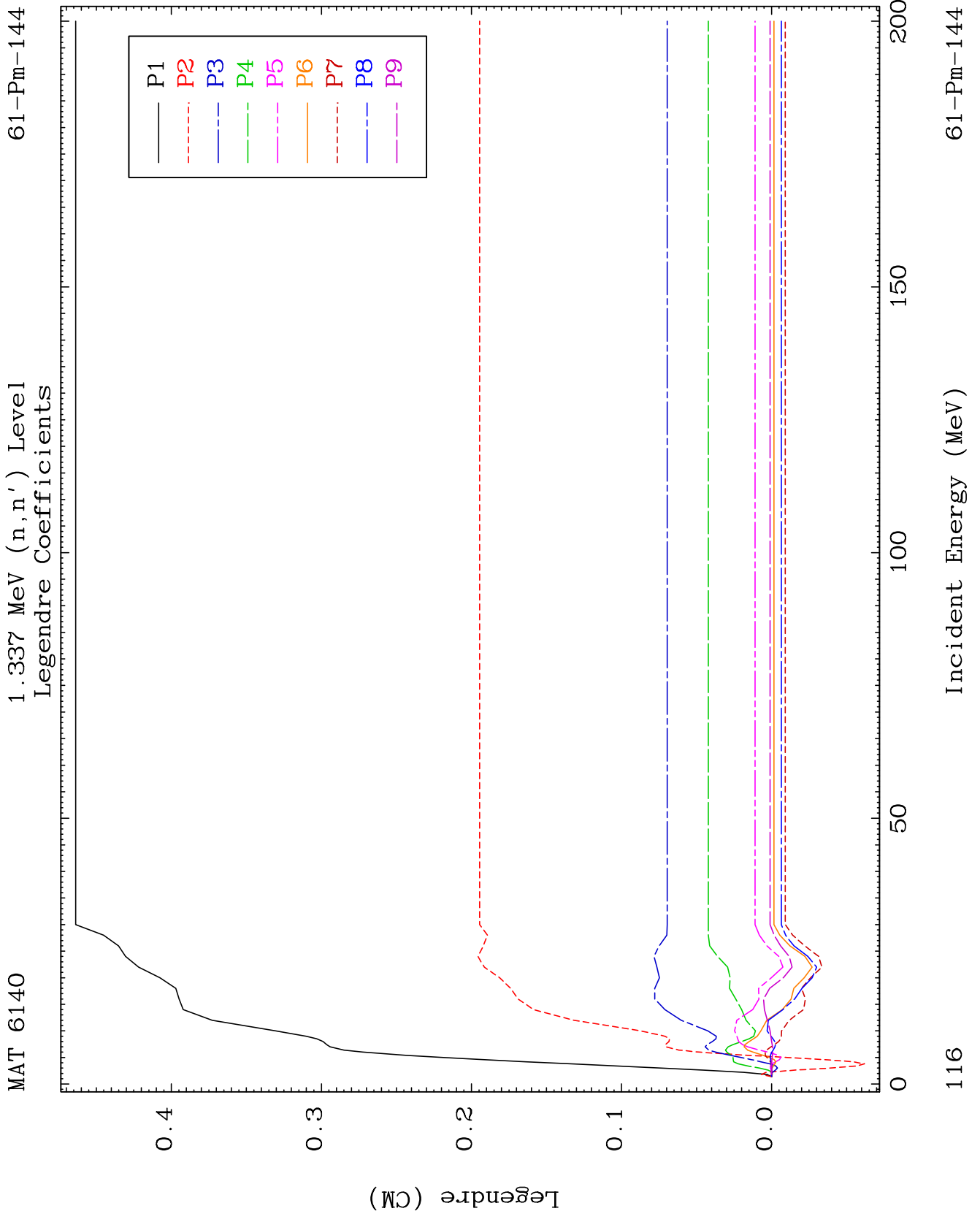


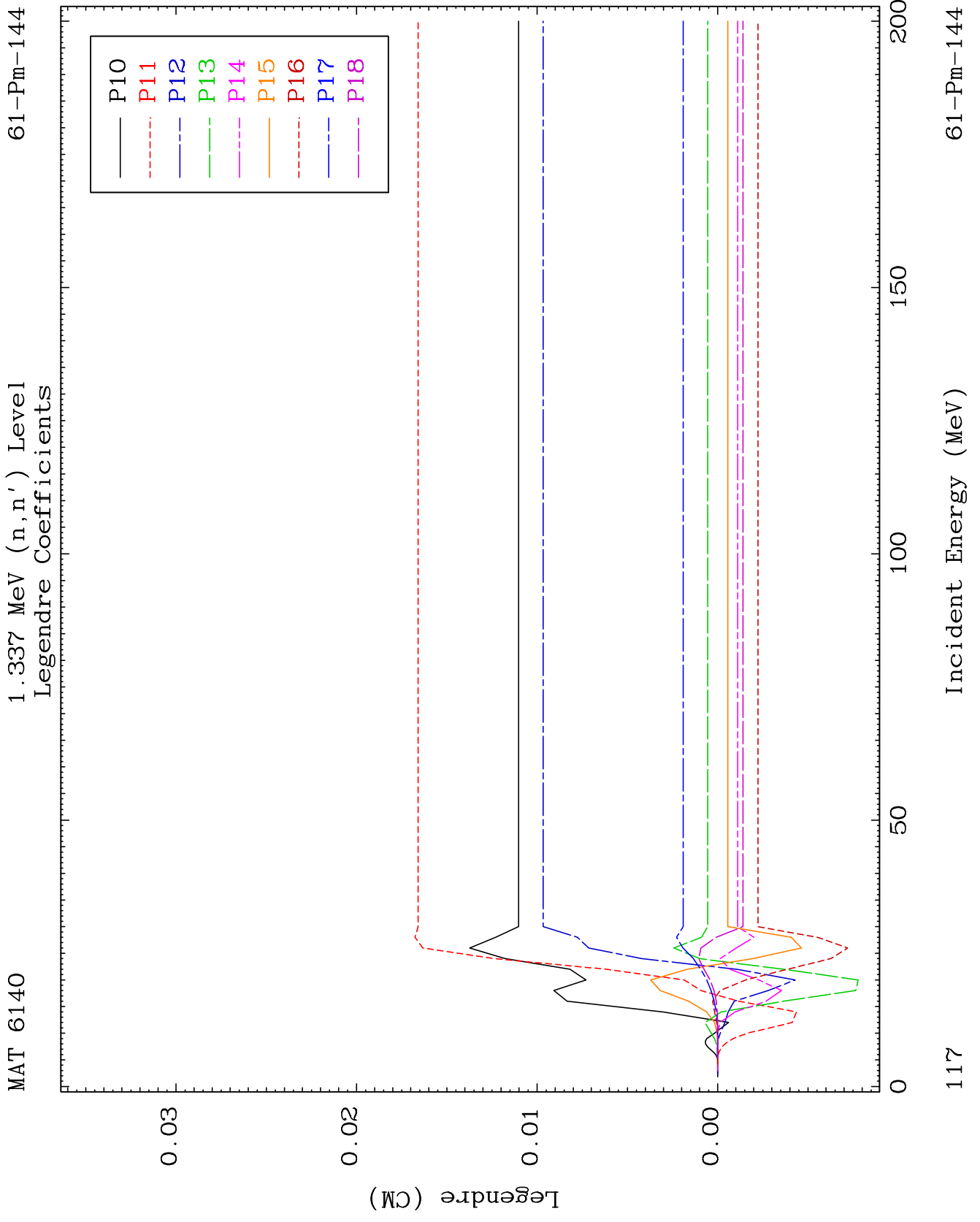


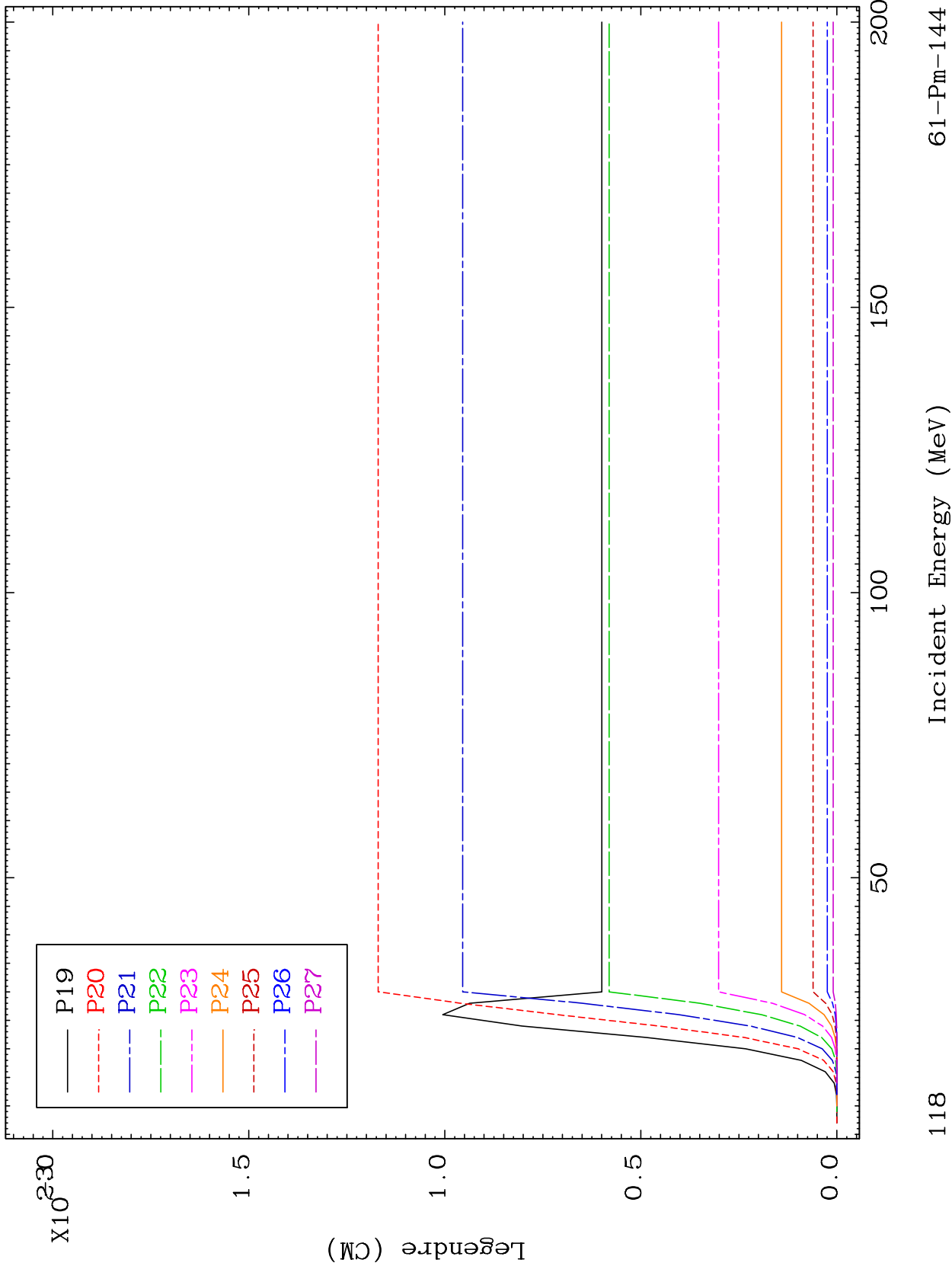


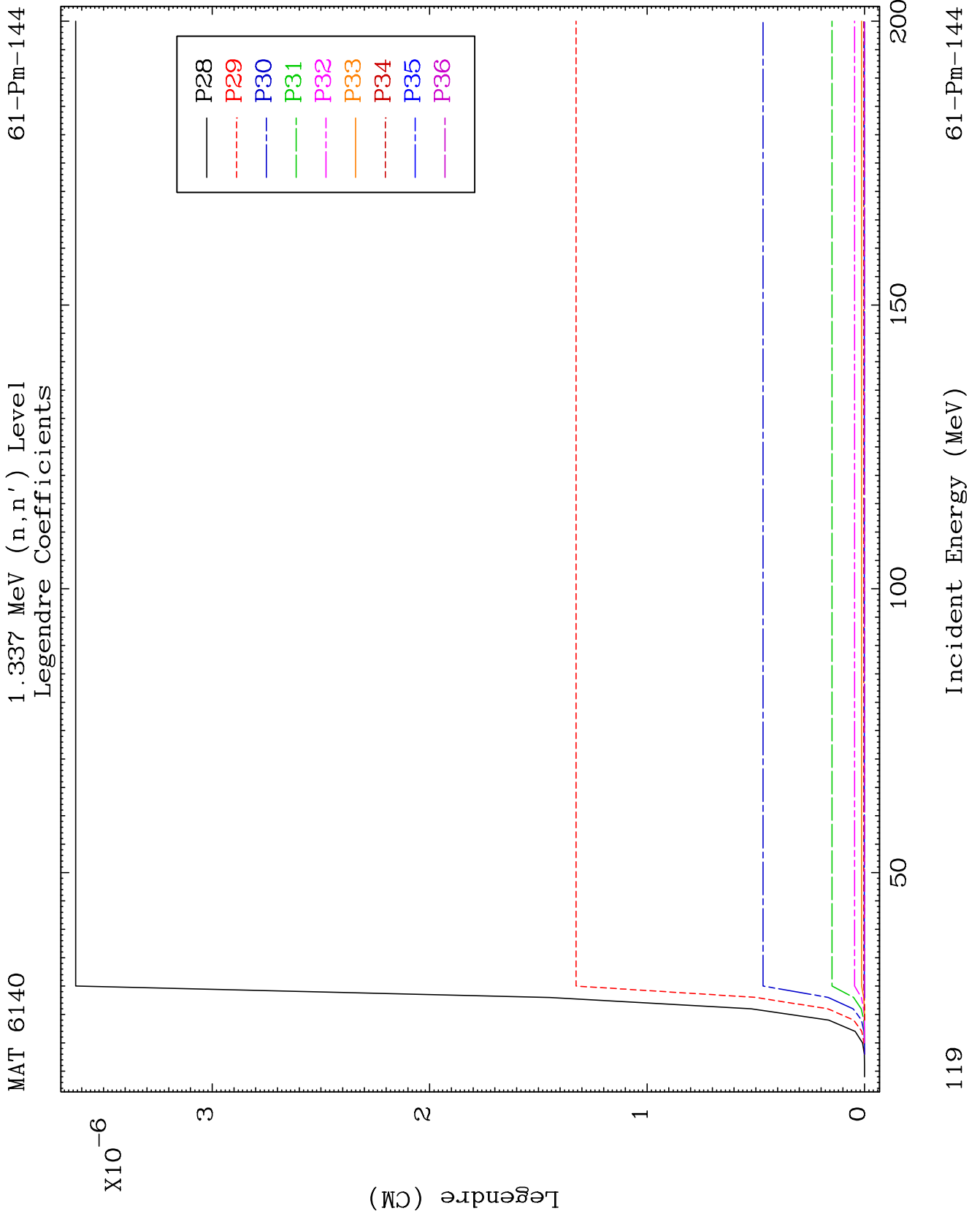












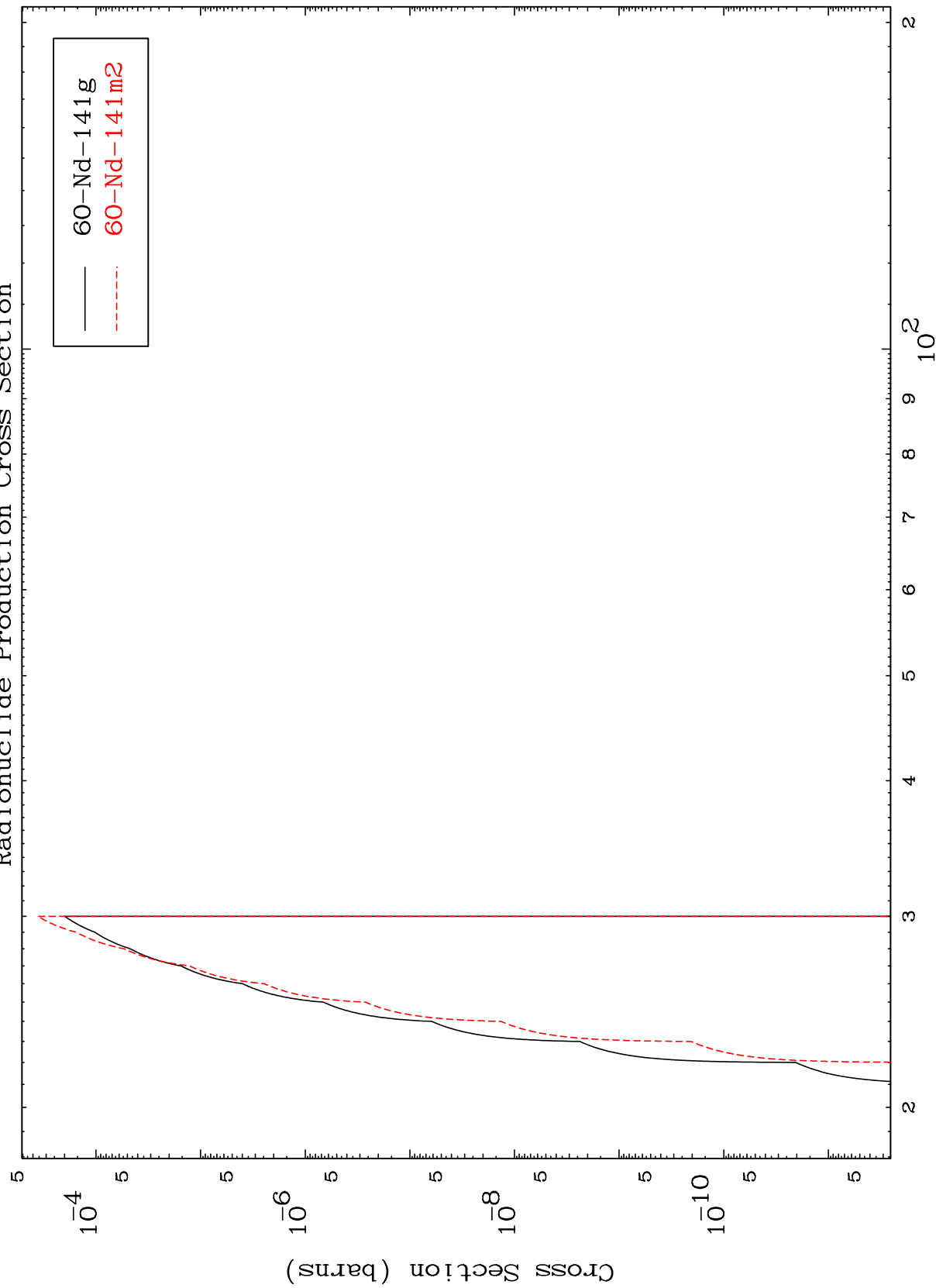


MAT 6140

(n,2n) d

61-Pm-144

Radionuclide Production Cross Section



60-Nd-141g  
60-Nd-141m2

120

Incident Energy (MeV)

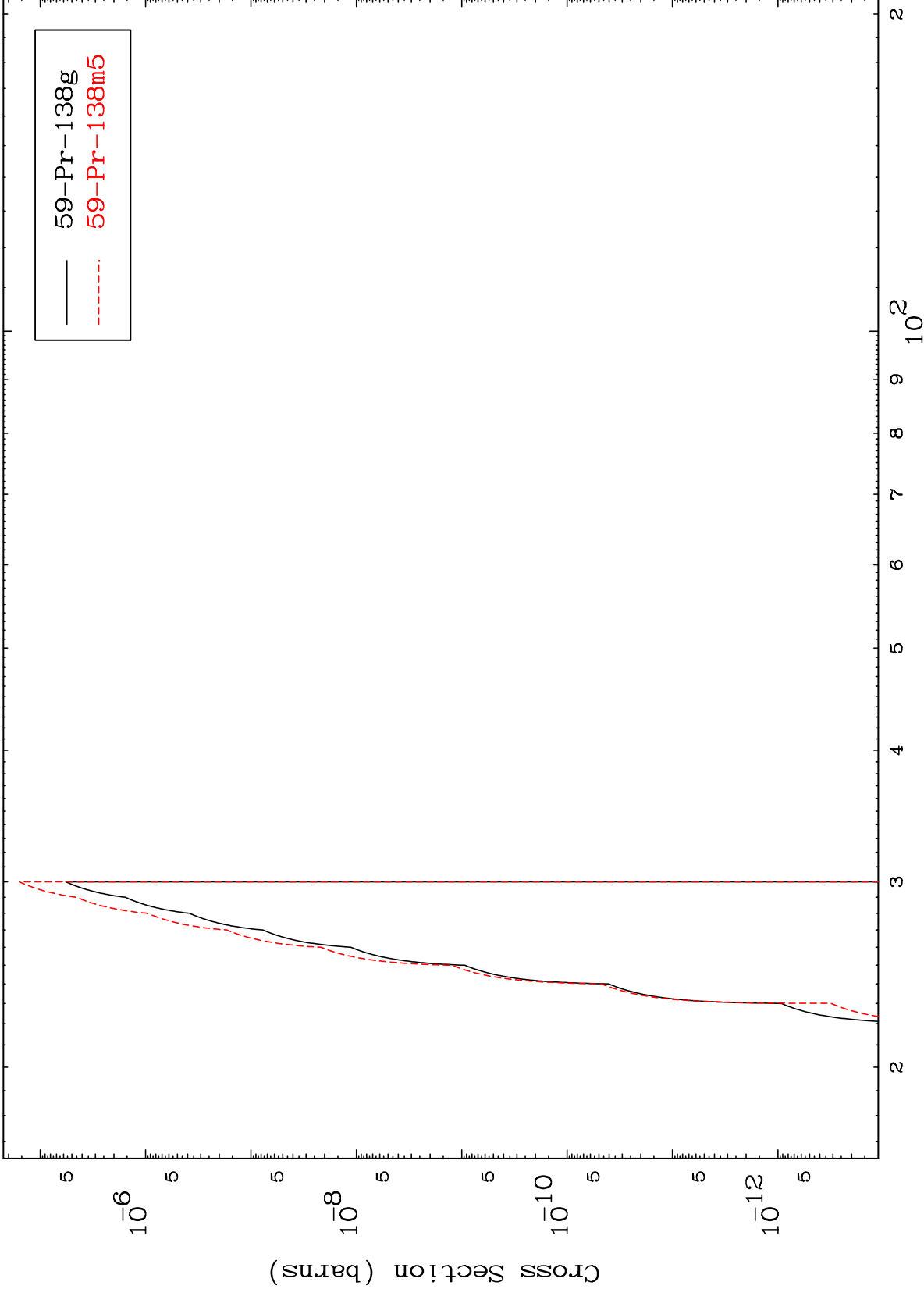
61-Pm-144

MAT 6140

(n,3n)  $\alpha$

61-Pm-144

Radionuclide Production Cross Section



59-Pr-138g  
59-Pr-138m5

121

Incident Energy (MeV)

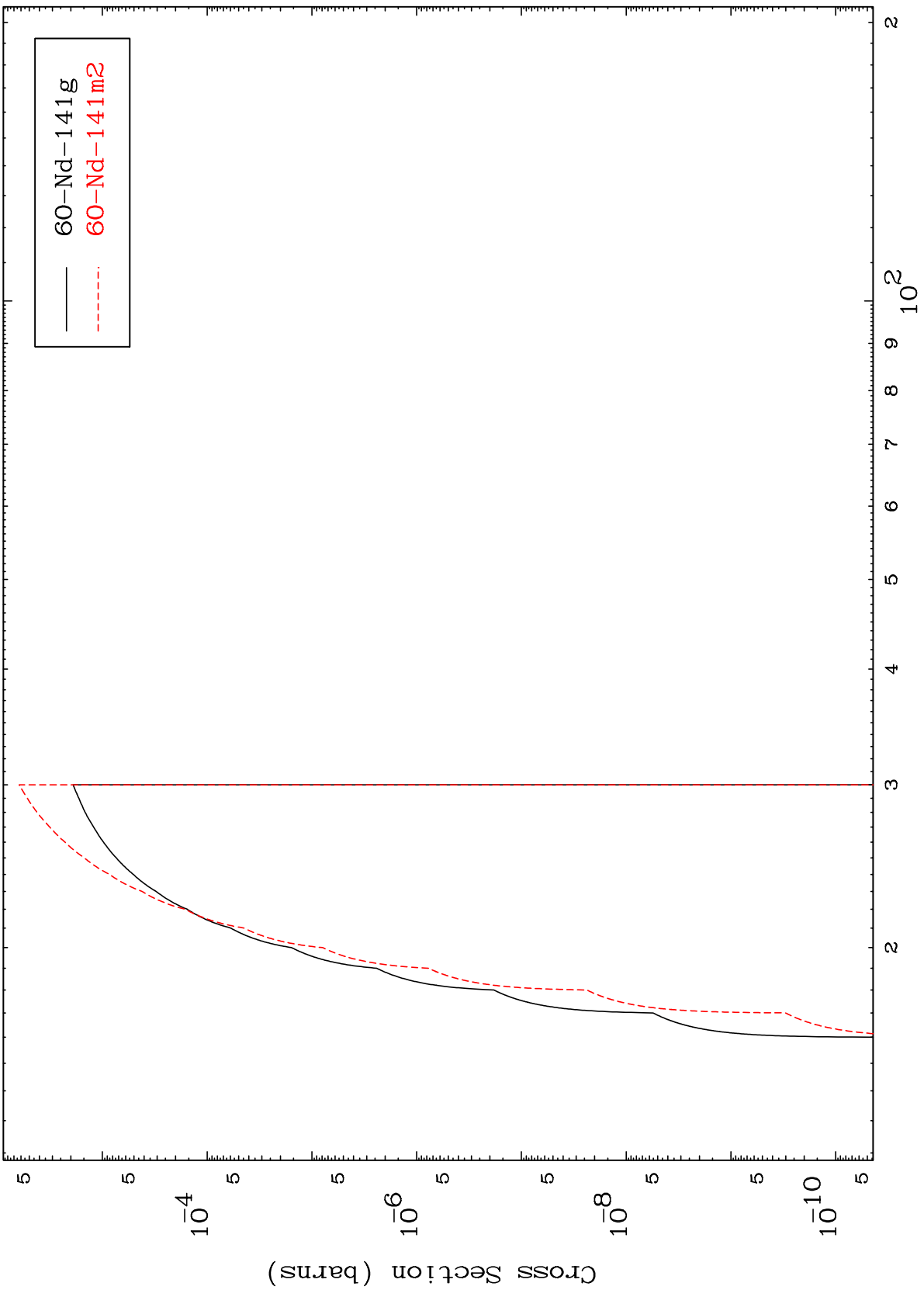
61-Pm-144

MAT 6140

(n,n') t

61-Pm-144

Radionuclide Production Cross Section



122

Incident Energy (MeV)

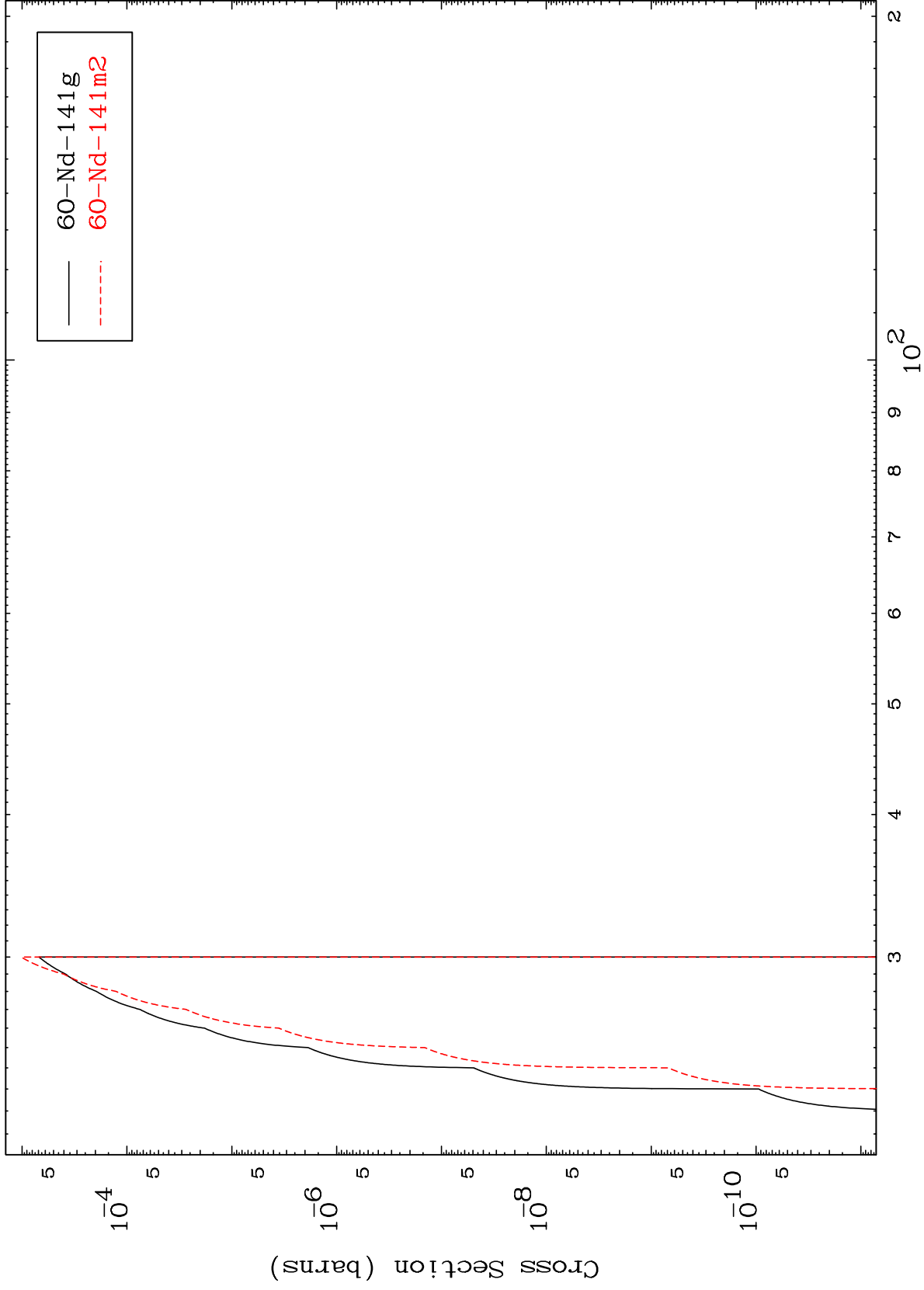
61-Pm-144

MAT 6140

(n,3n) p

61-Pm-144

Radionuclide Production Cross Section



123

Incident Energy (MeV)

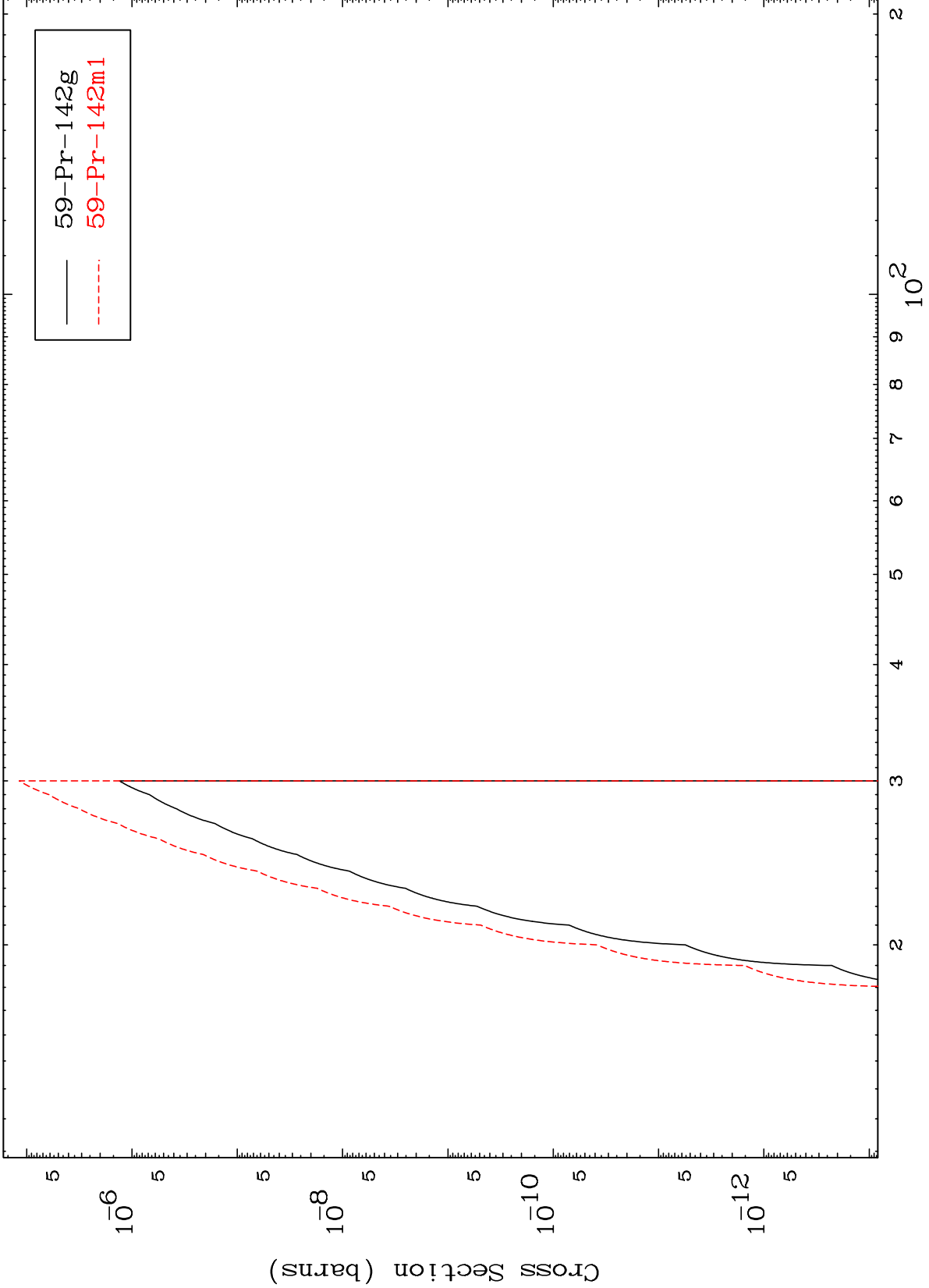
61-Pm-144

MAT 6140

(n,2n) p

61-Pm-144

Radionuclide Production Cross Section



59-Pr-142g  
59-Pr-142m1

124

Incident Energy (MeV)

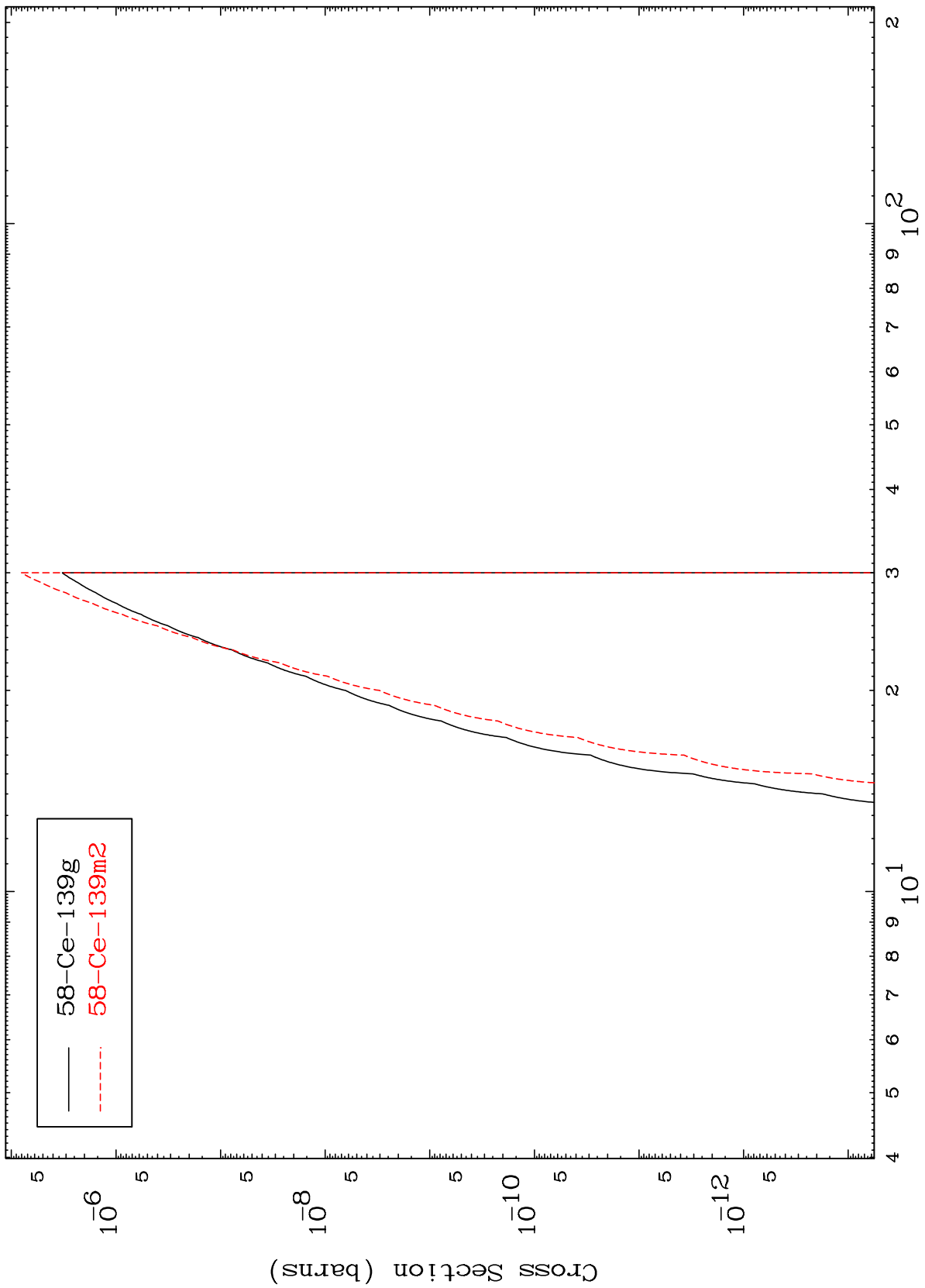
61-Pm-144

MAT 6140

(n,n') p  $\alpha$

61-Pm-144

Radionuclide Production Cross Section



58-Ce-139g  
58-Ce-139m2

125

Incident Energy (MeV)

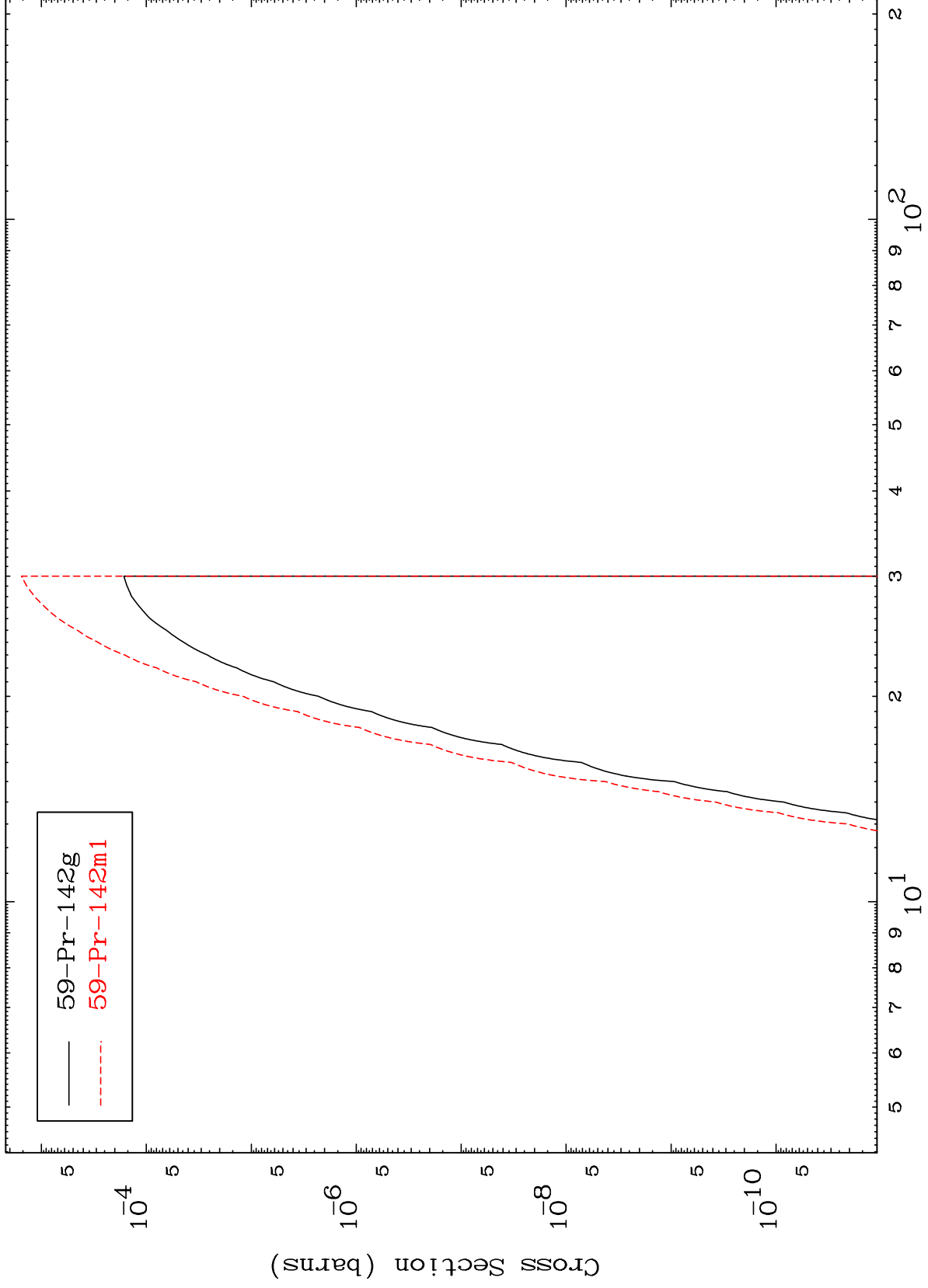
61-Pm-144

MAT 6140

(n,He-3)

61-Pm-144

Radionuclide Production Cross Section



126

Incident Energy (MeV)

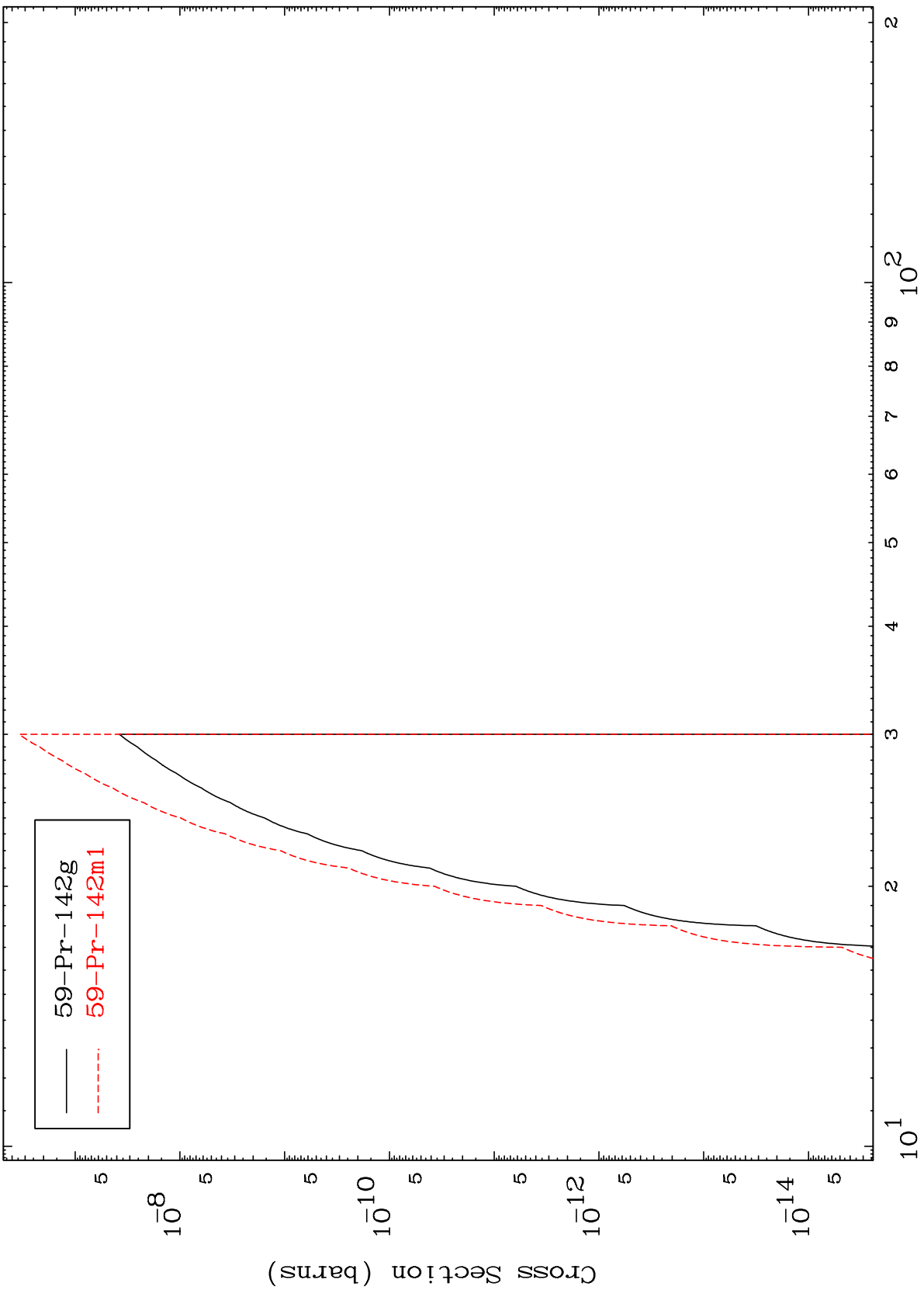
61-Pm-144

MAT 6140

(n,p) d

61-Pm-144

Radionuclide Production Cross Section



127

Incident Energy (MeV)

61-Pm-144



MAT 6140

(n,d)  $\alpha$

61-Pm-144

Radionuclide Production Cross Section

