

Program EVALPLOT  
(Version 2015-2)

by

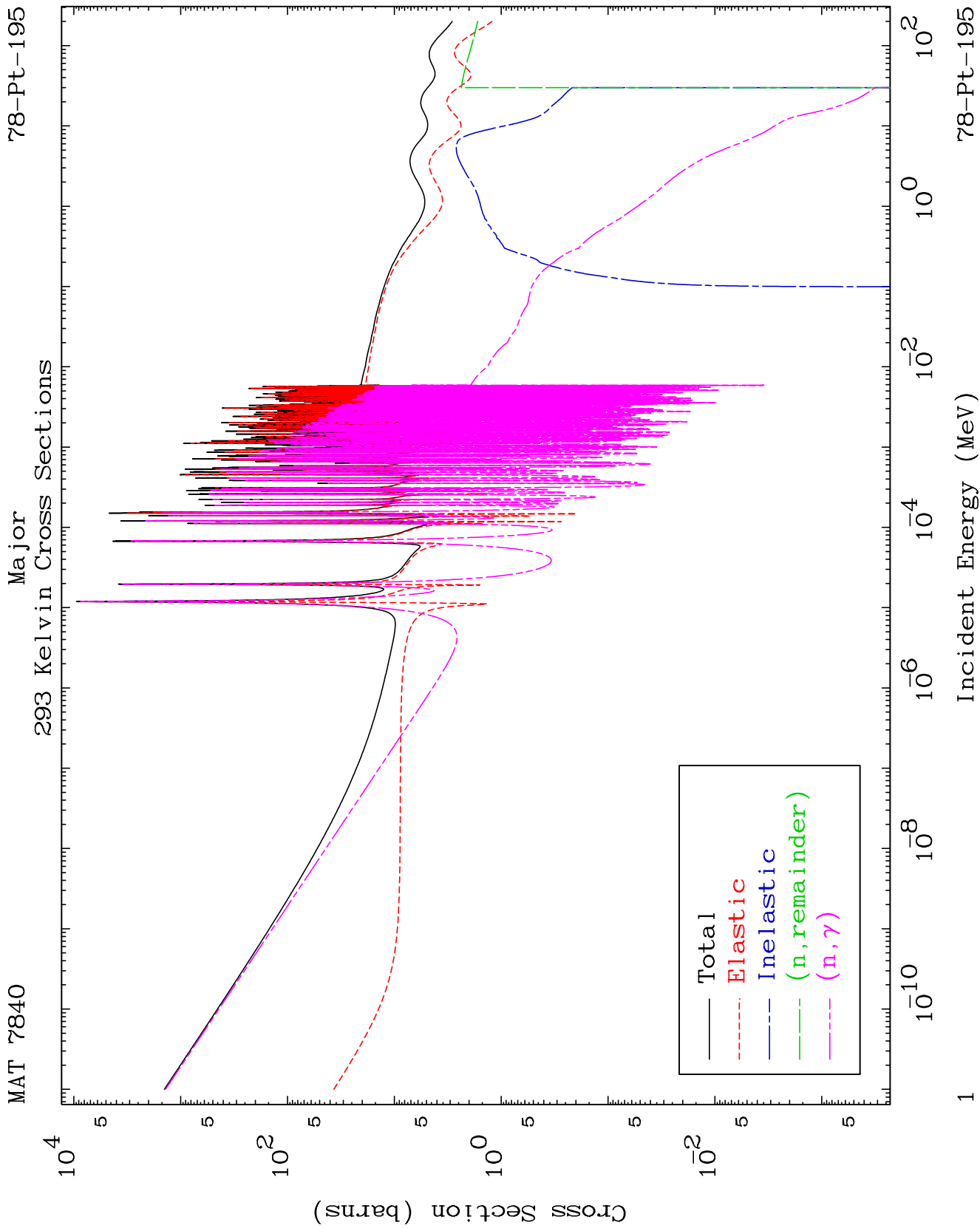
Dermott E. Cullen  
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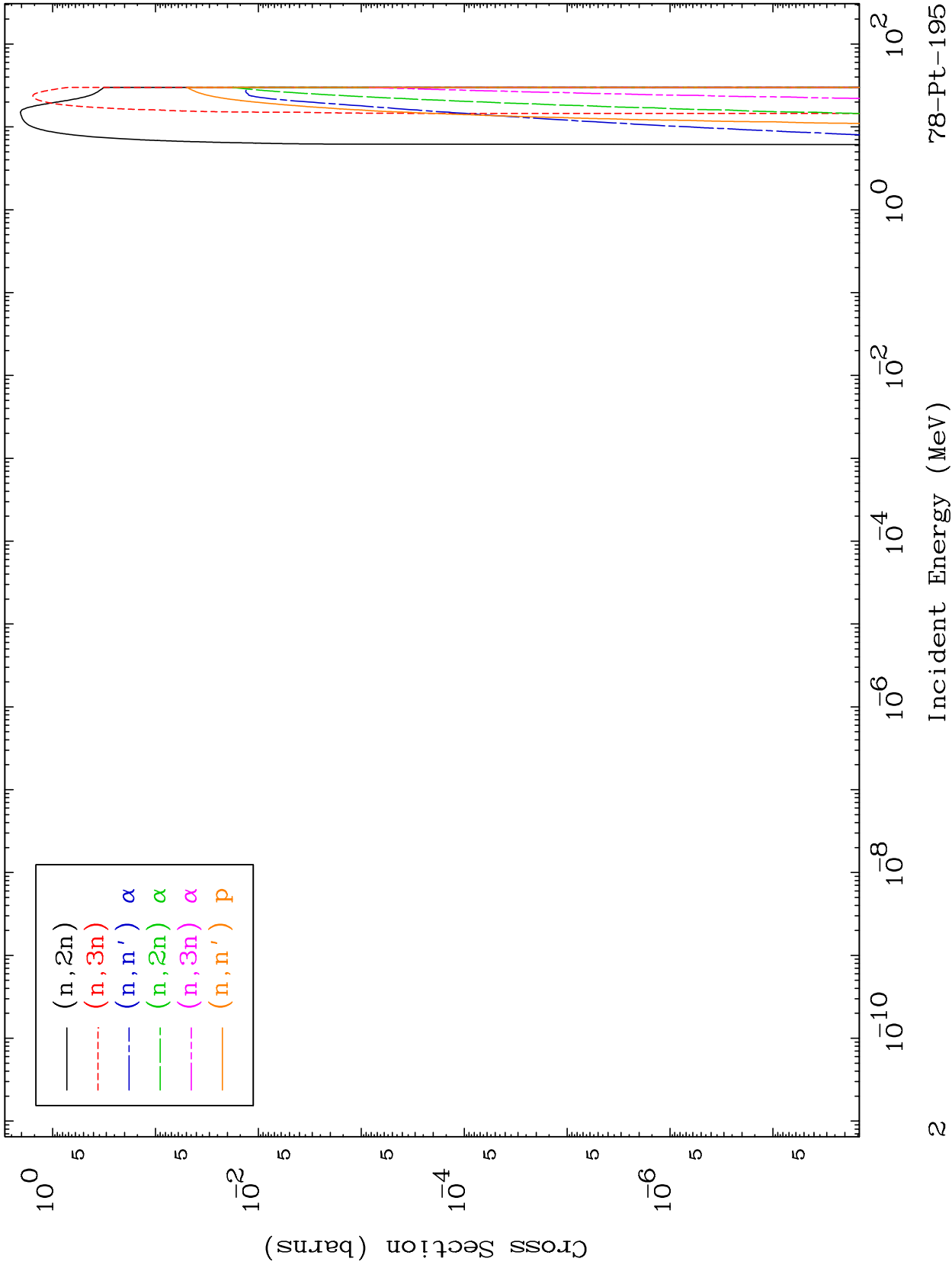
Press Mouse Button to Start

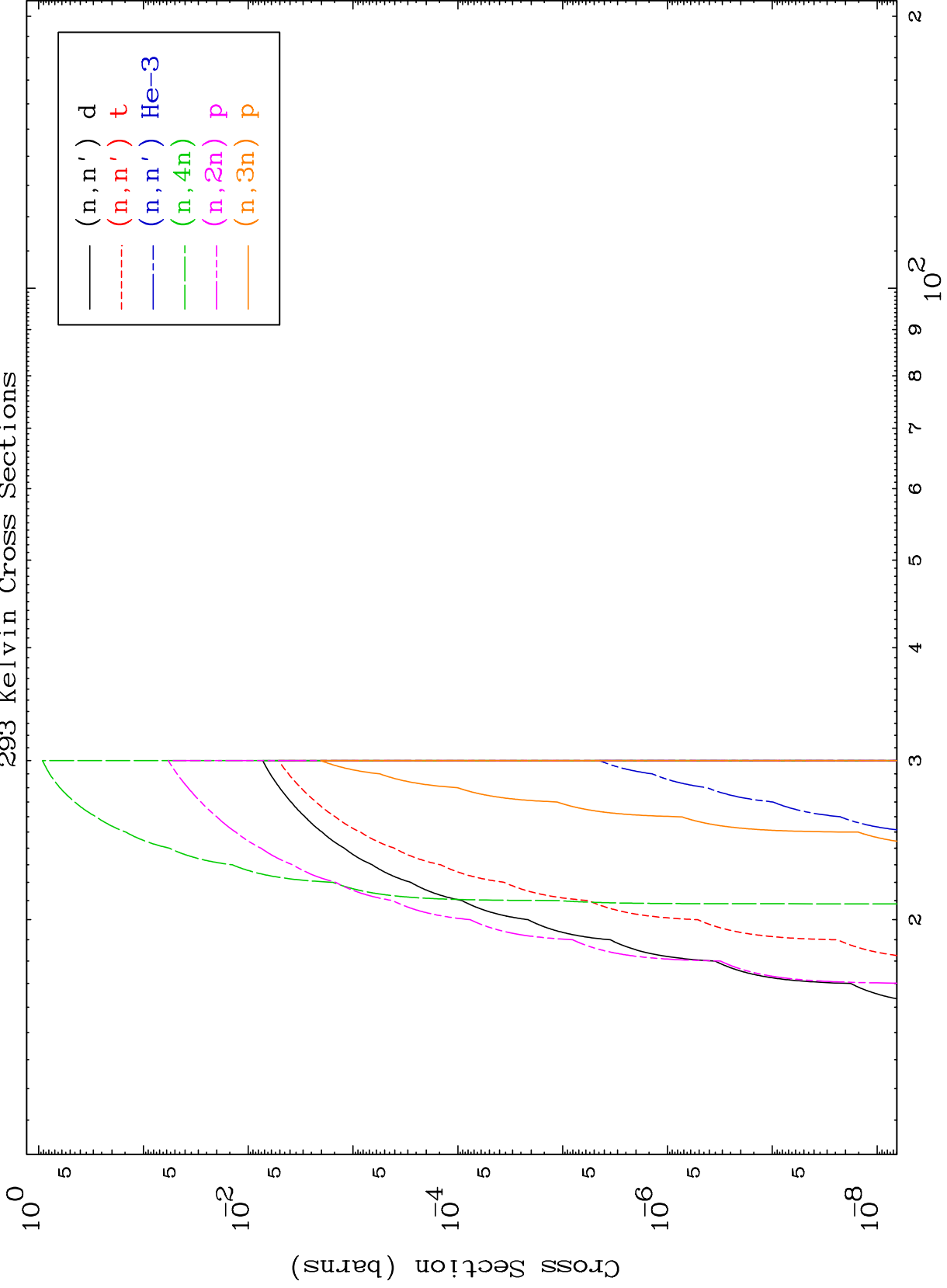


MAT 7840

Neutron Production  
293 Kelvin Cross Sections

78-Pt-195

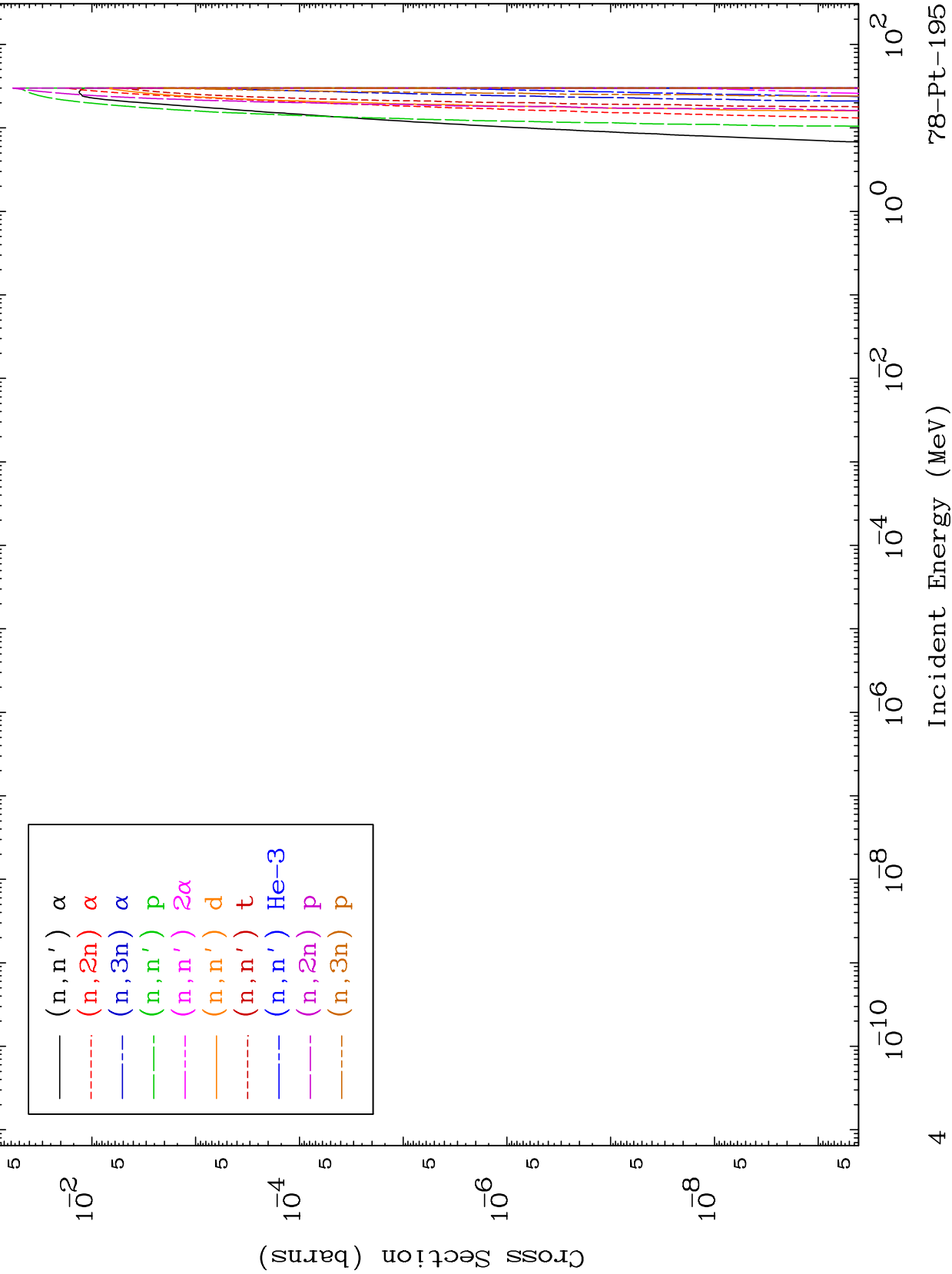




MAT 7840

Charged Particle  
293 Kelvin Cross Sections

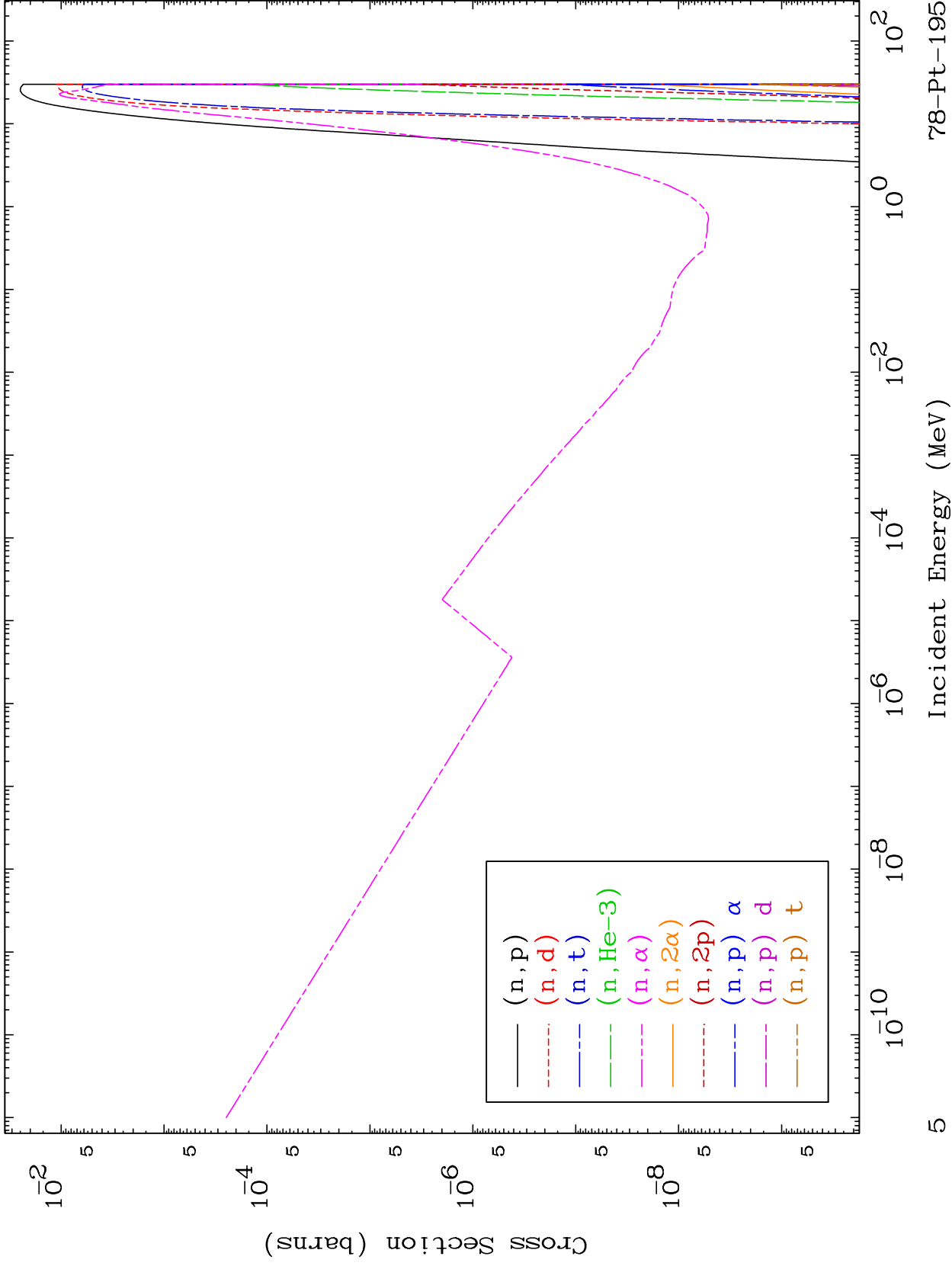
78-Pt-195



MAT 7840

Charged Particle  
293 Kelvin Cross Sections

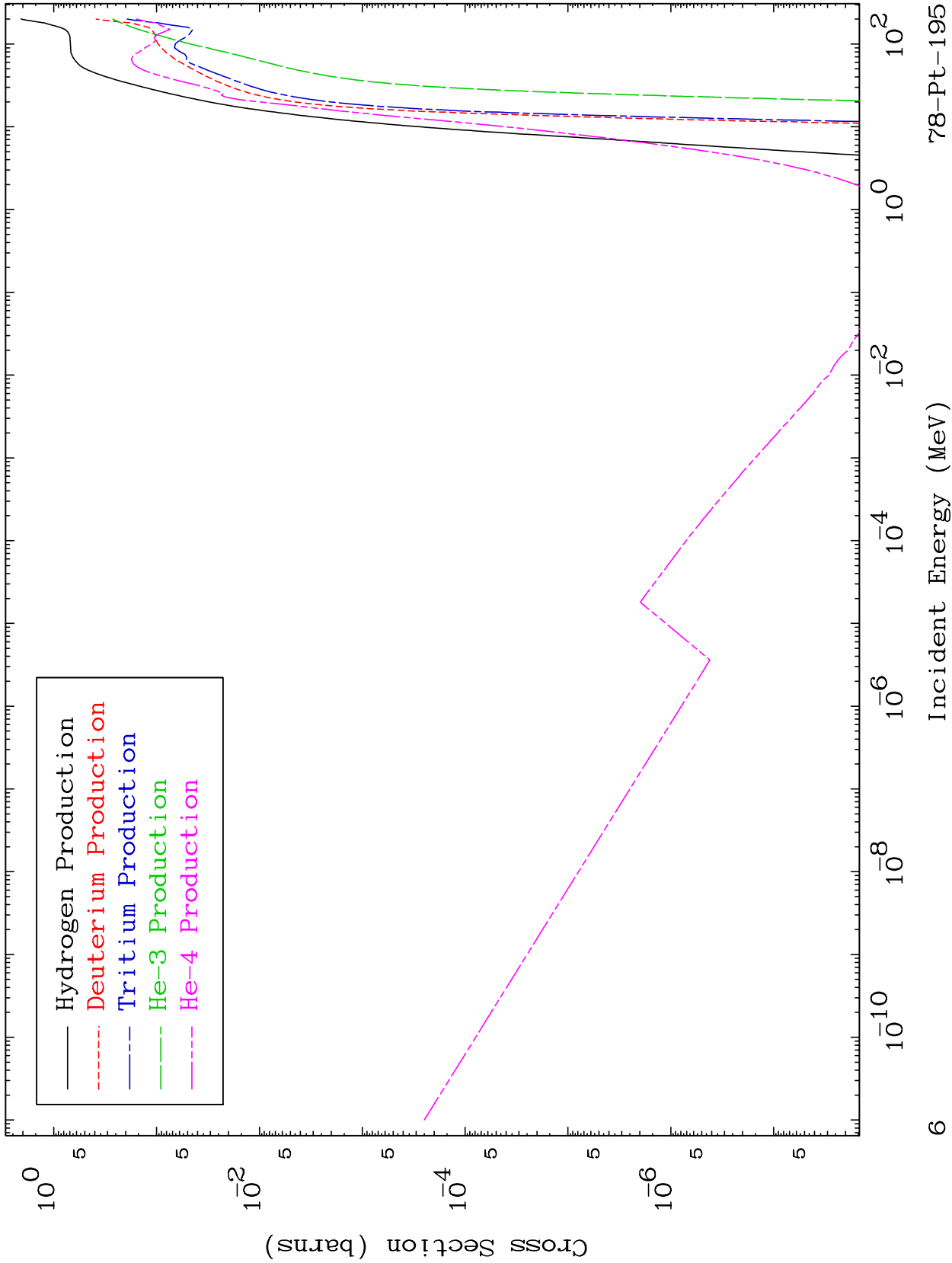
78-Pt-195



MAT 7840

Particle Production  
293 Kelvin Cross Sections

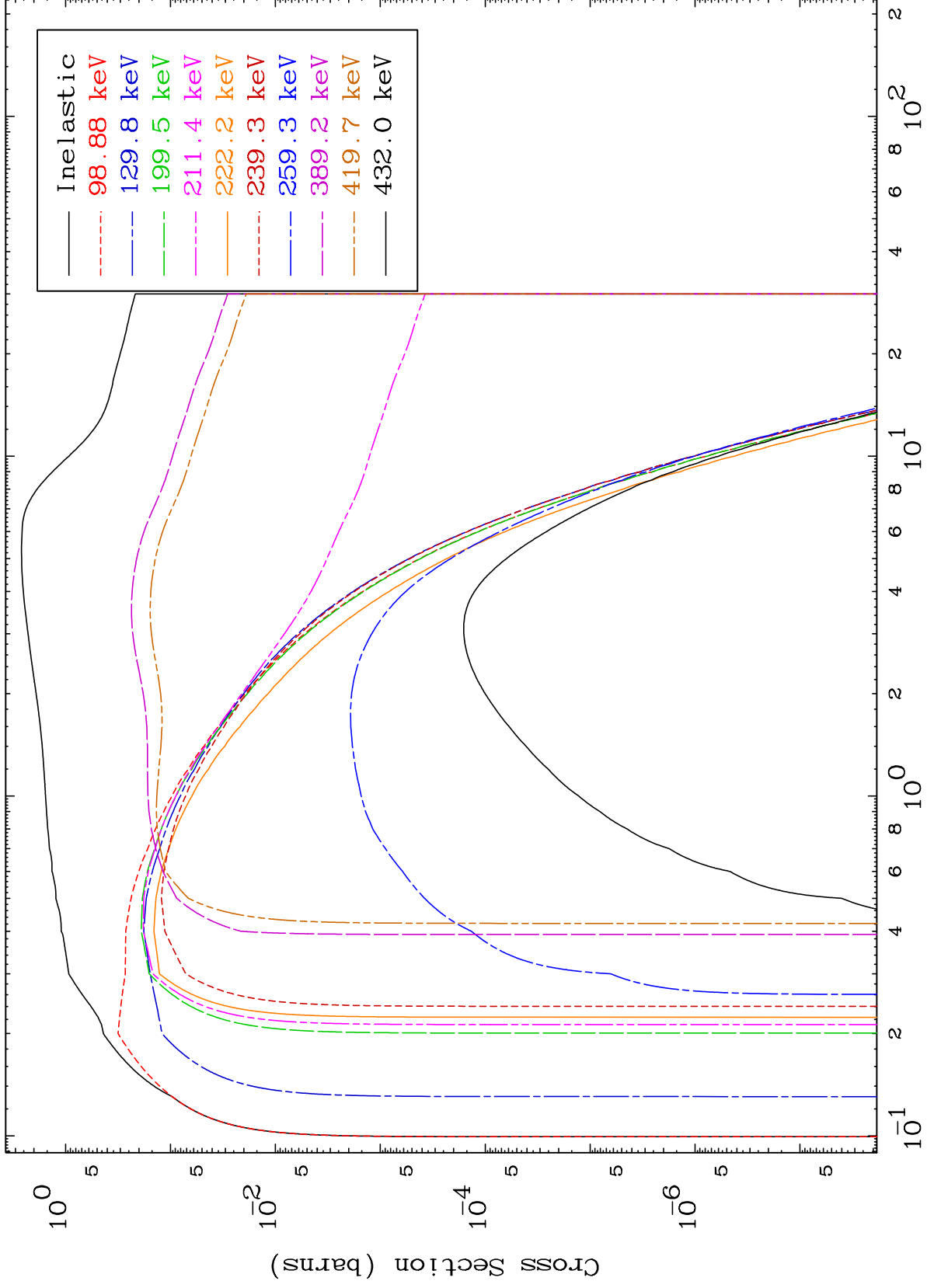
78-Pt-195



MAT 7840

(n,n') Level  
293 Kelvin Cross Sections

78-Pt-195



Incident Energy (MeV)

78-Pt-195

7

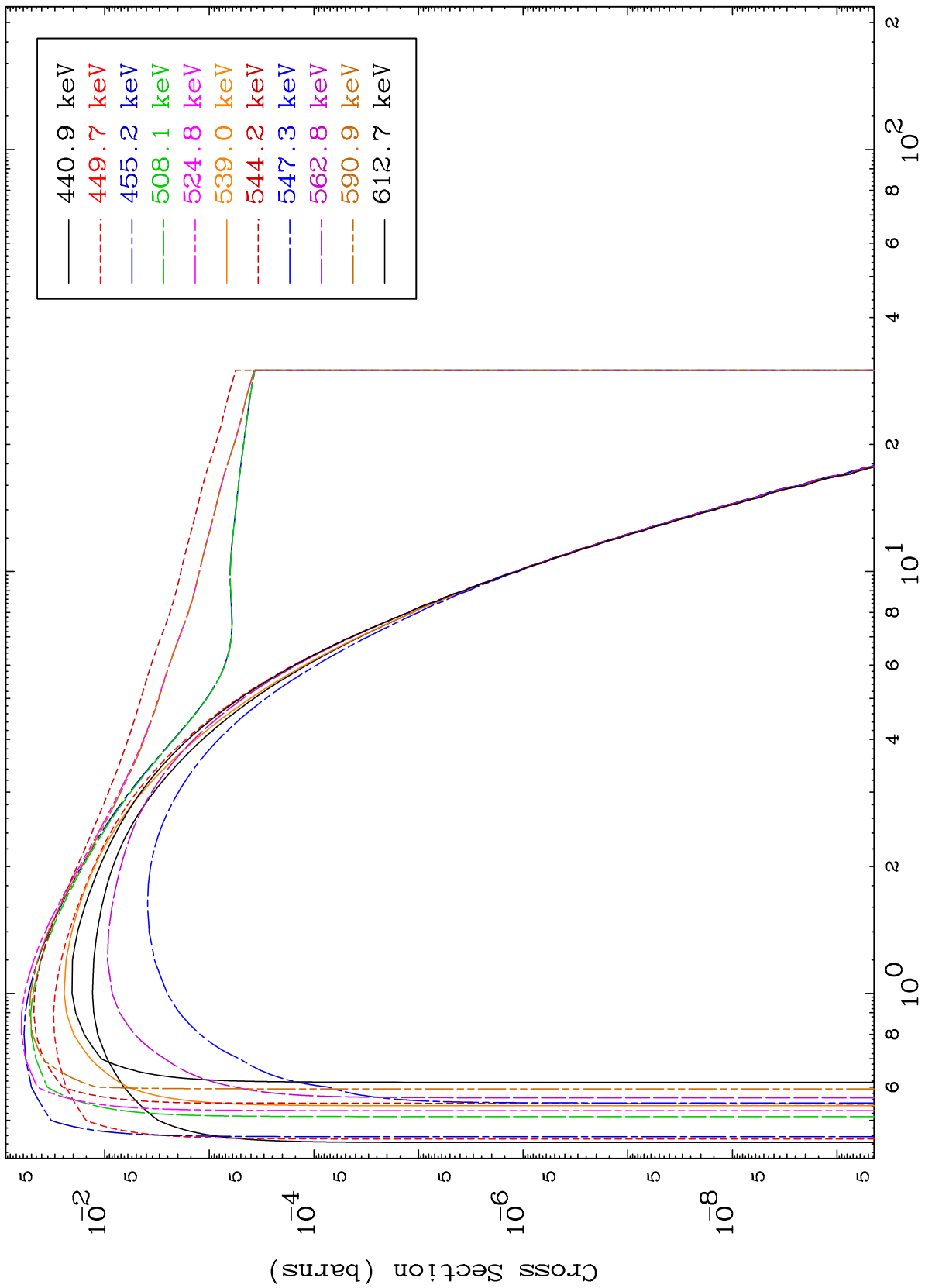


MAT 7840

(n,n') Level

78-Pt-195

293 Kelvin Cross Sections



8

Incident Energy (MeV)

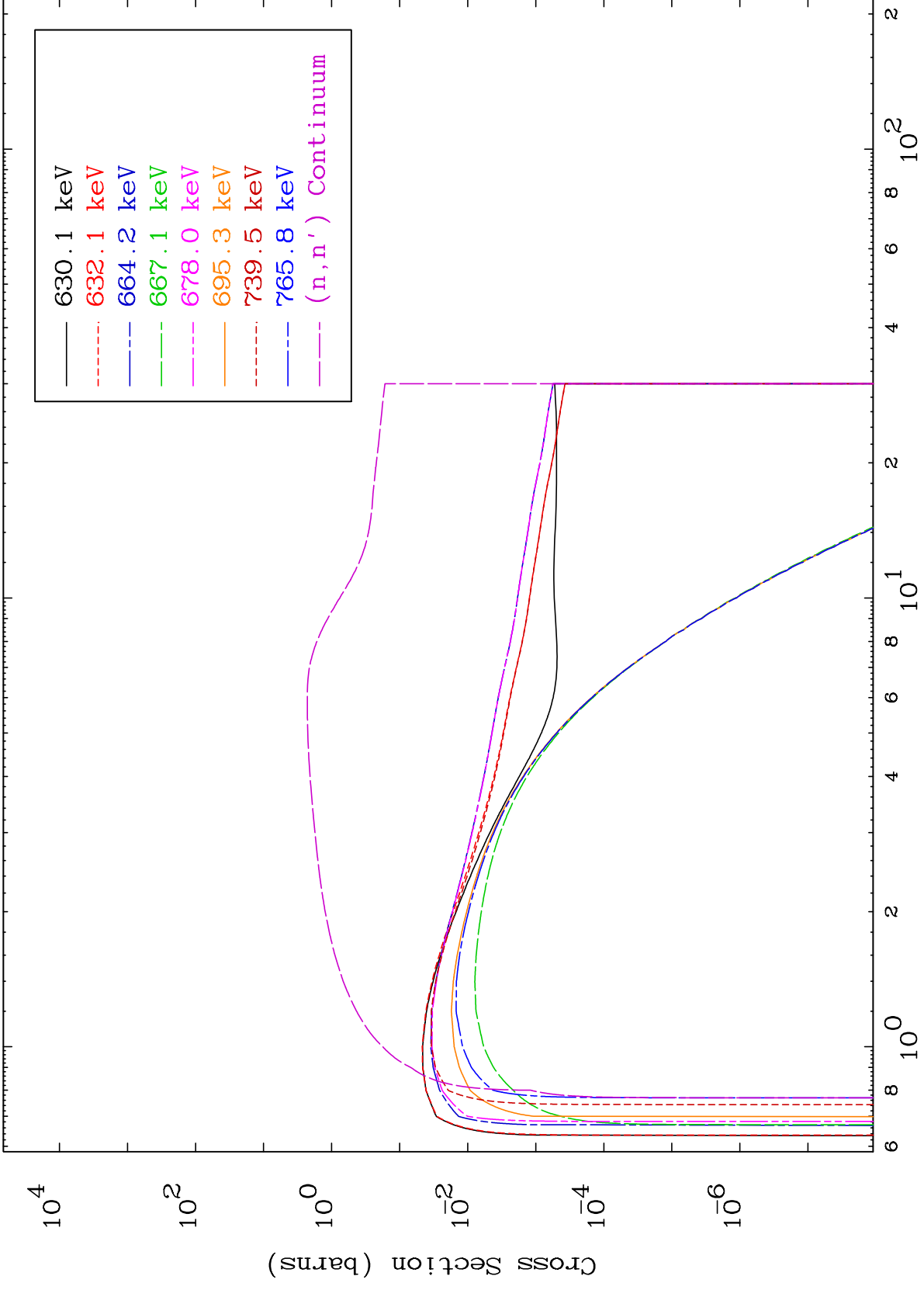
78-Pt-195

MAT 7840

(n,n') Level

78-Pt-195

293 Kelvin Cross Sections



9

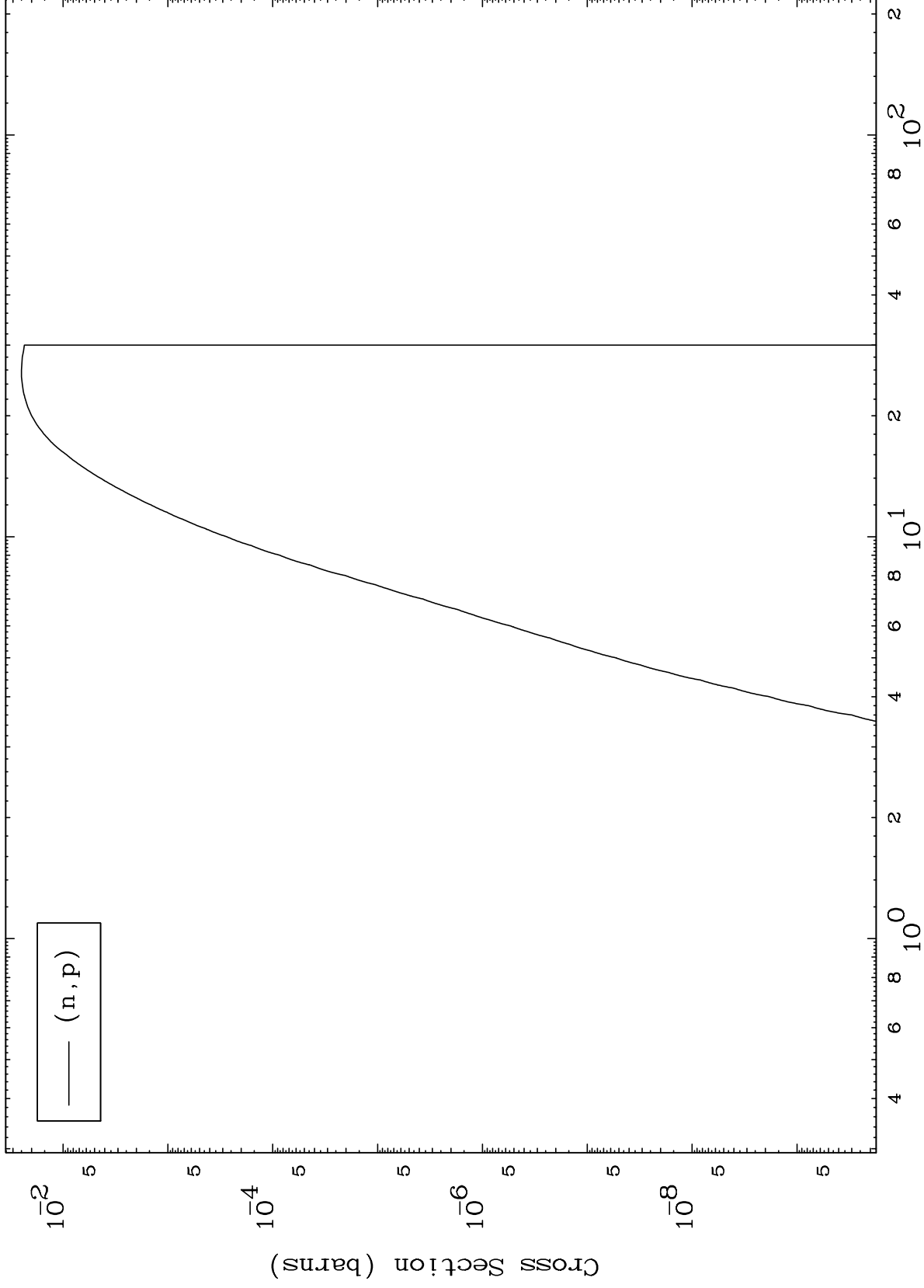
Incident Energy (MeV)

78-Pt-195

MAT 7840

(n,p) Levels  
293 Kelvin Cross Sections

78-Pt-195



10

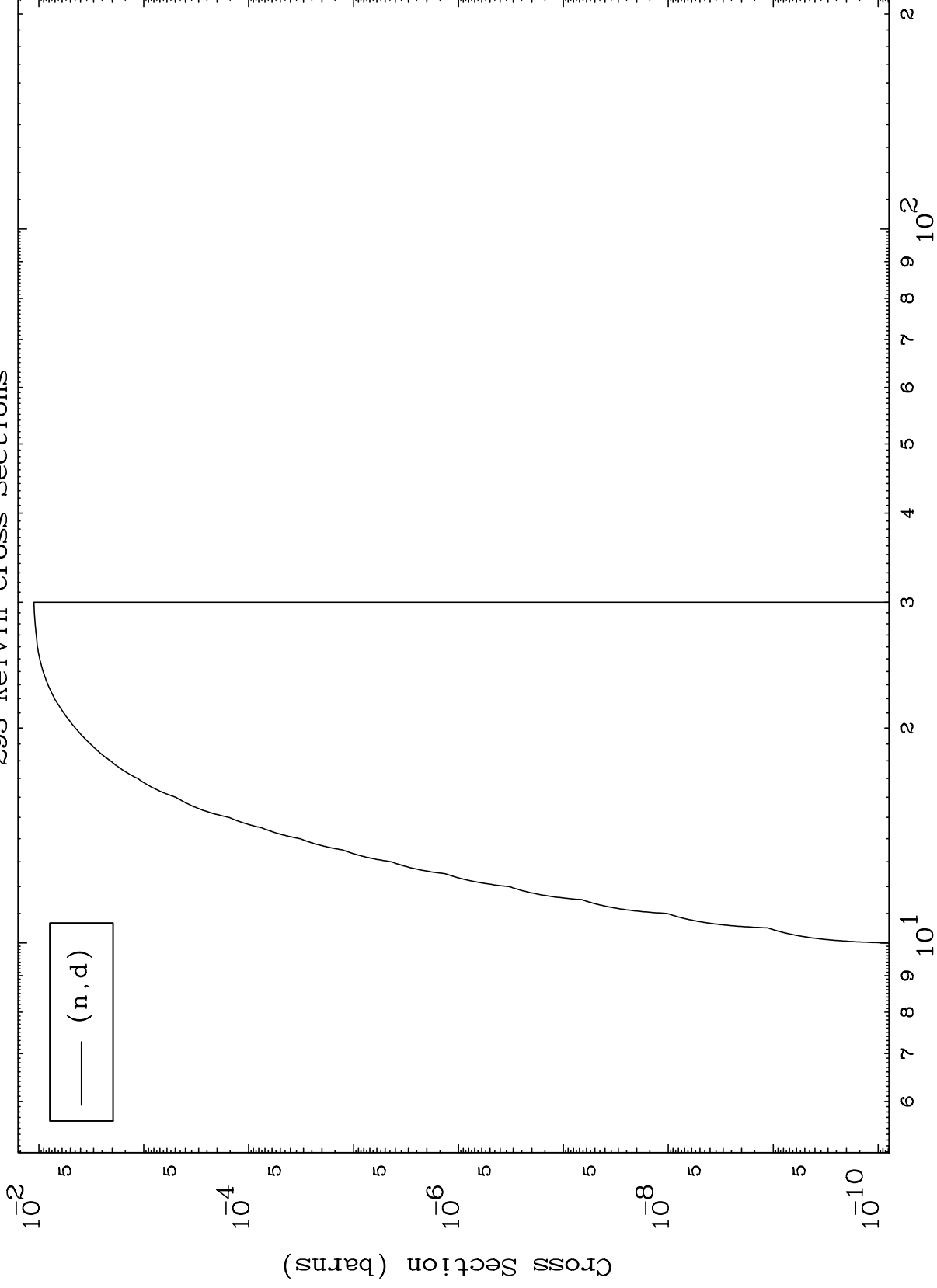
Incident Energy (MeV)

78-Pt-195

MAT 7840

(n,d) Levels  
293 Kelvin Cross Sections

78-Pt-195



11

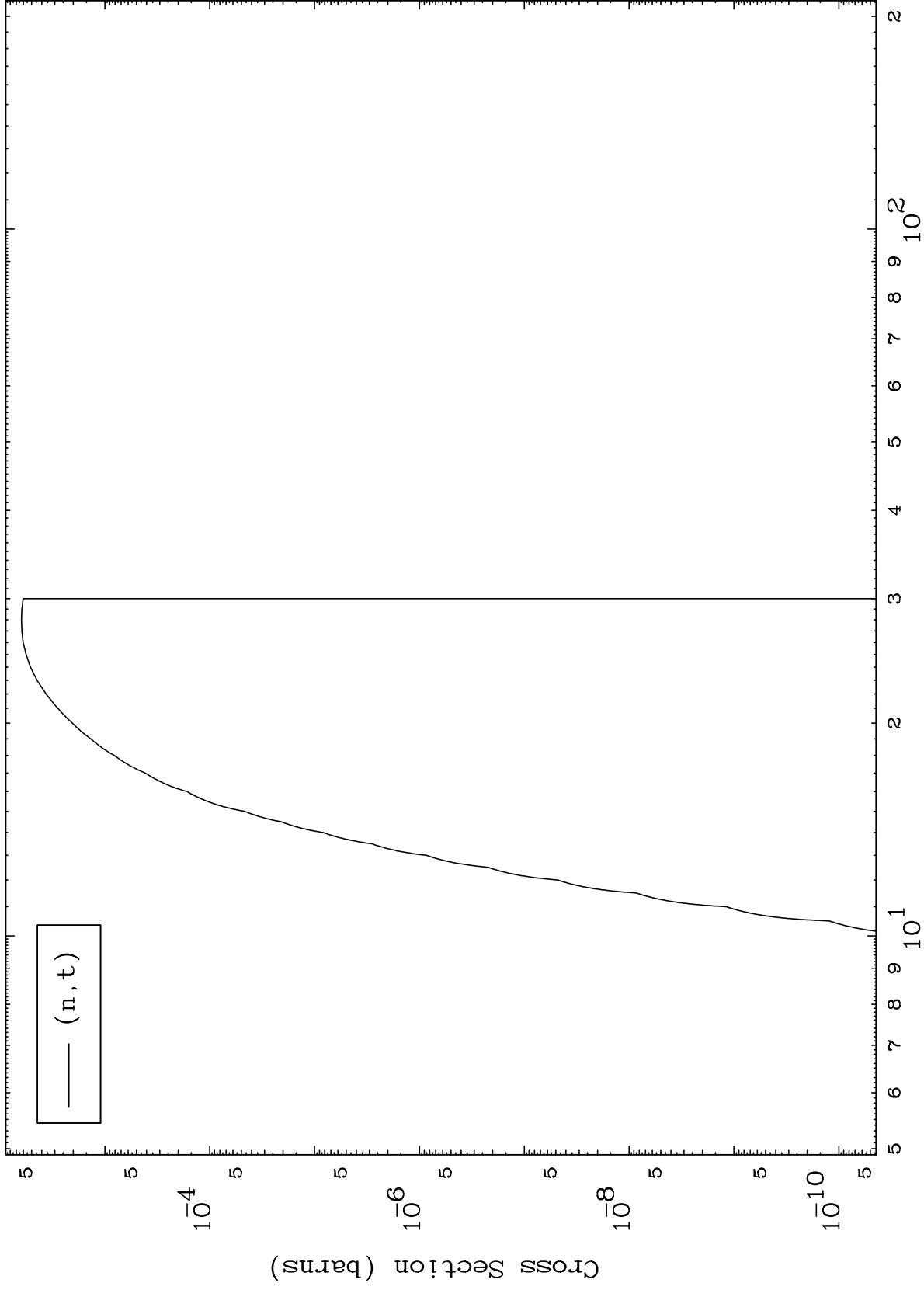
Incident Energy (MeV)

78-Pt-195

MAT 7840

(n,t) Levels  
293 Kelvin Cross Sections

78-Pt-195



12

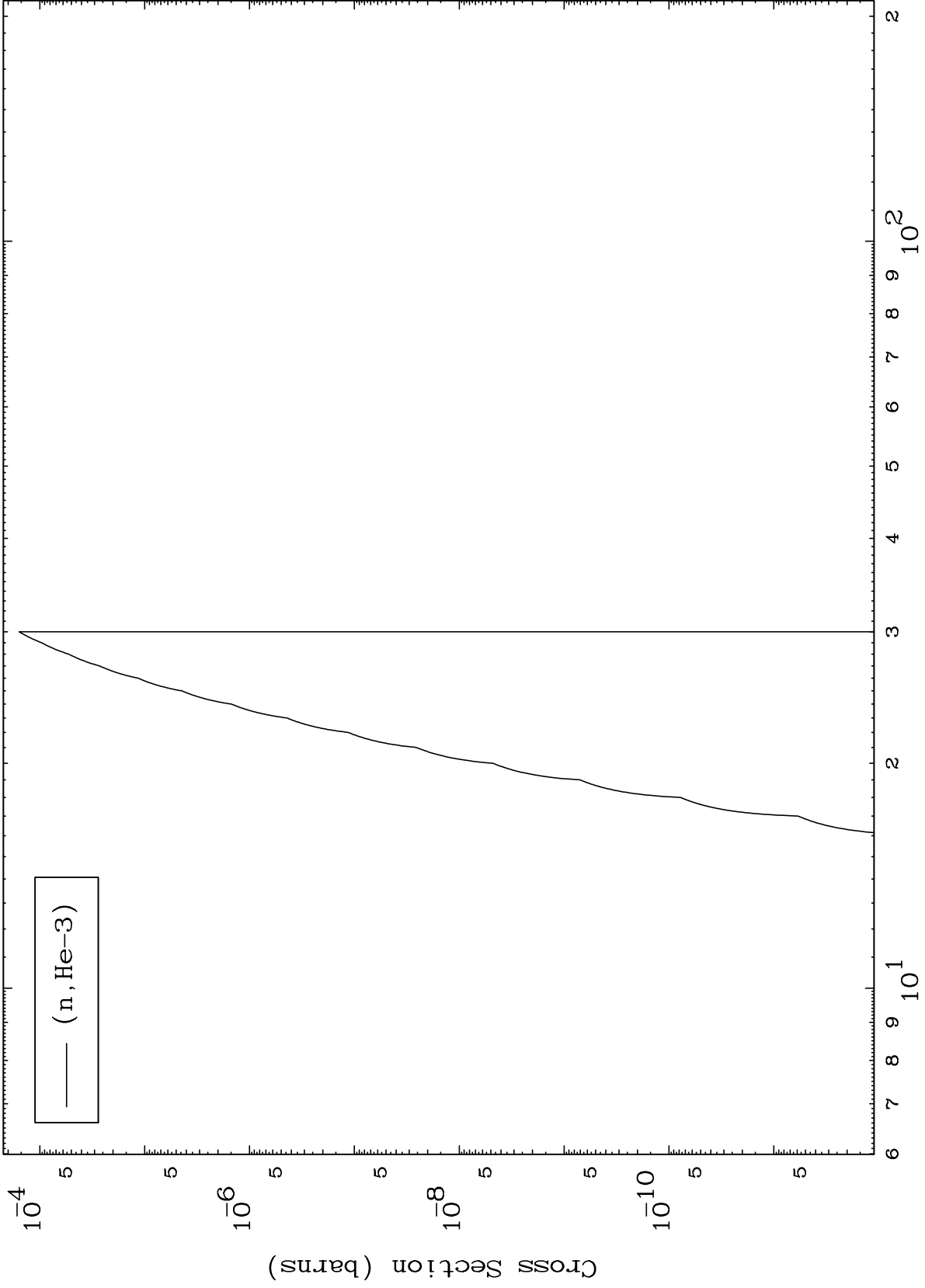
Incident Energy (MeV)

78-Pt-195

MAT 7840

(n,He3) Levels  
293 Kelvin Cross Sections

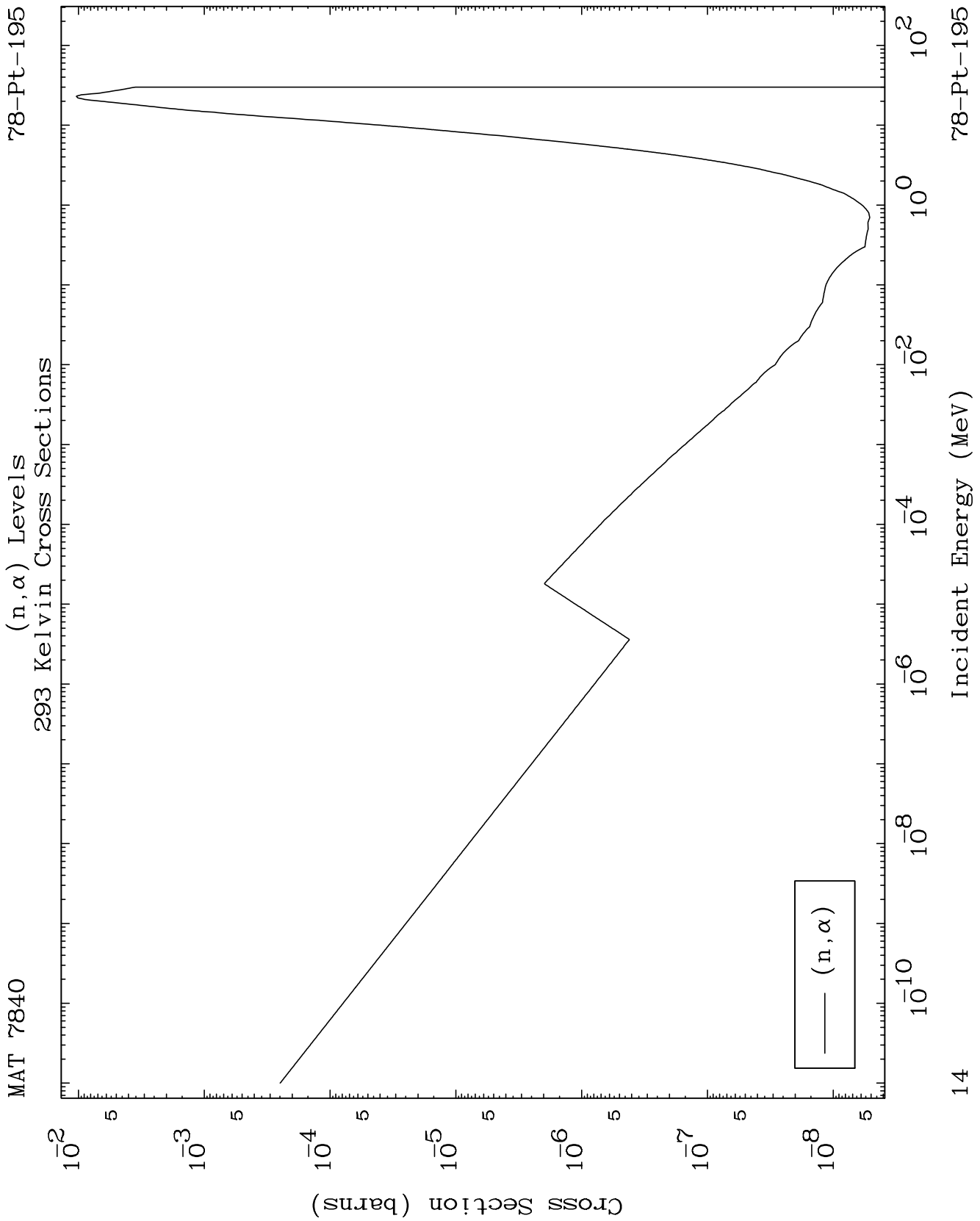
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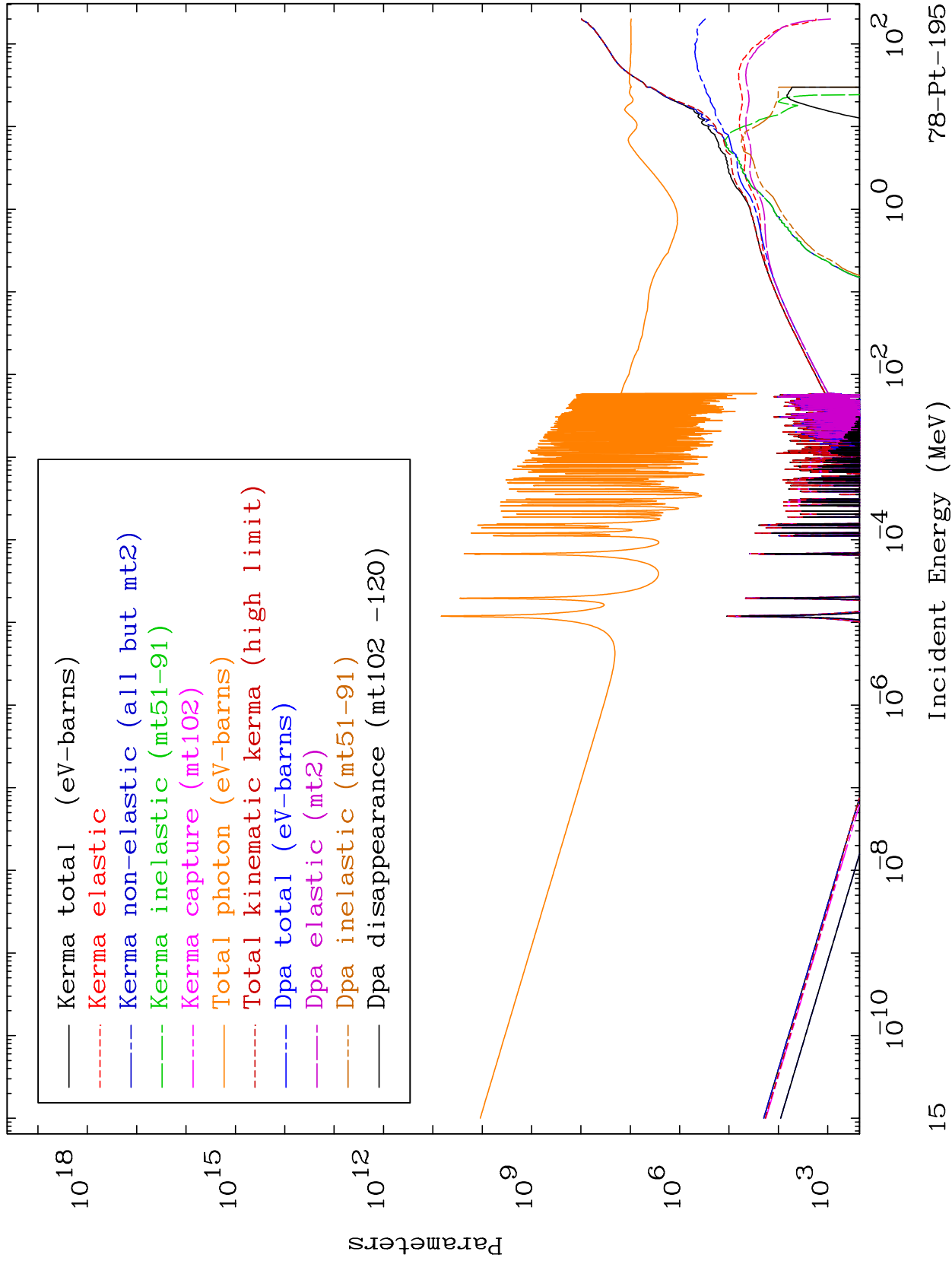


13

Incident Energy (MeV)

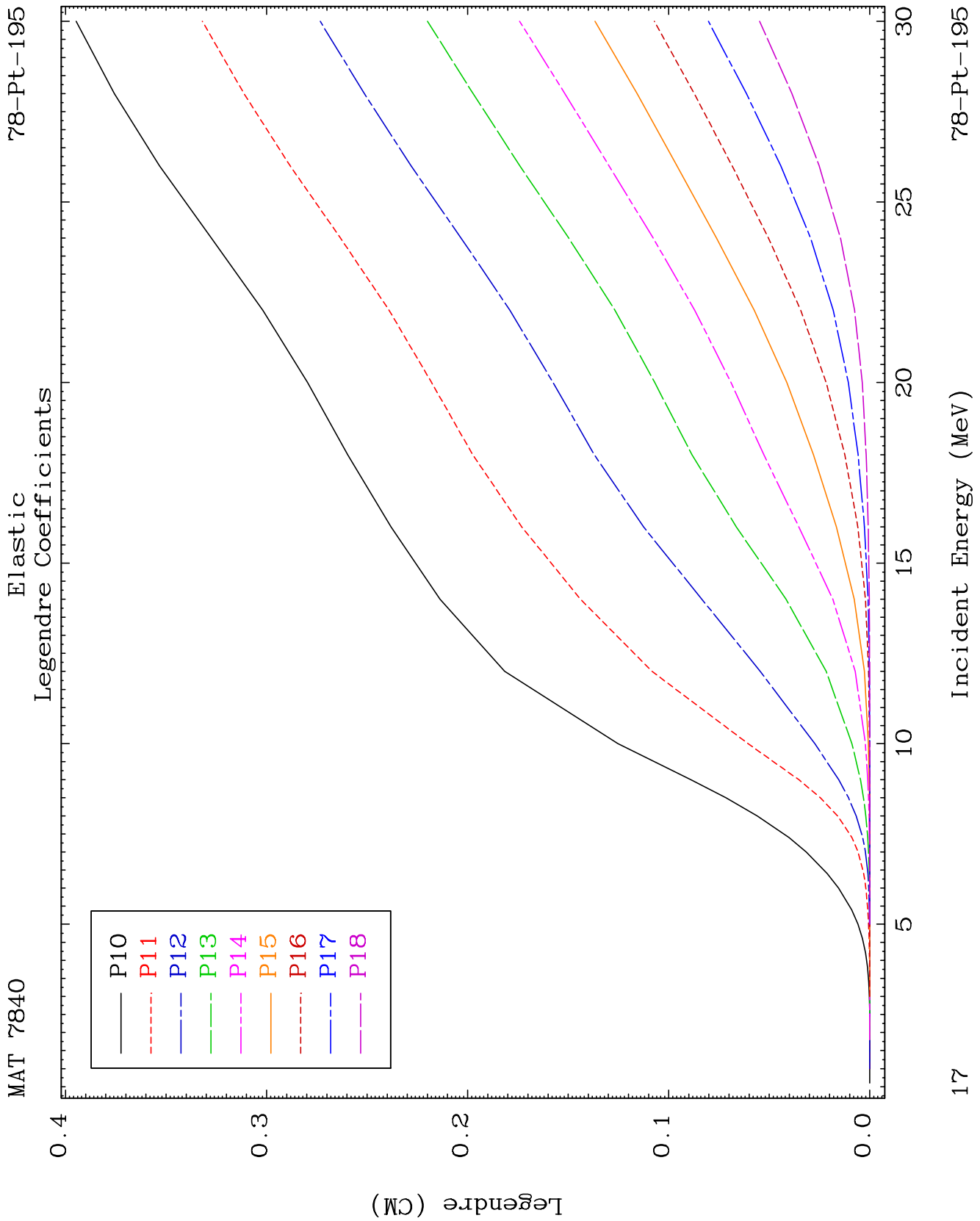
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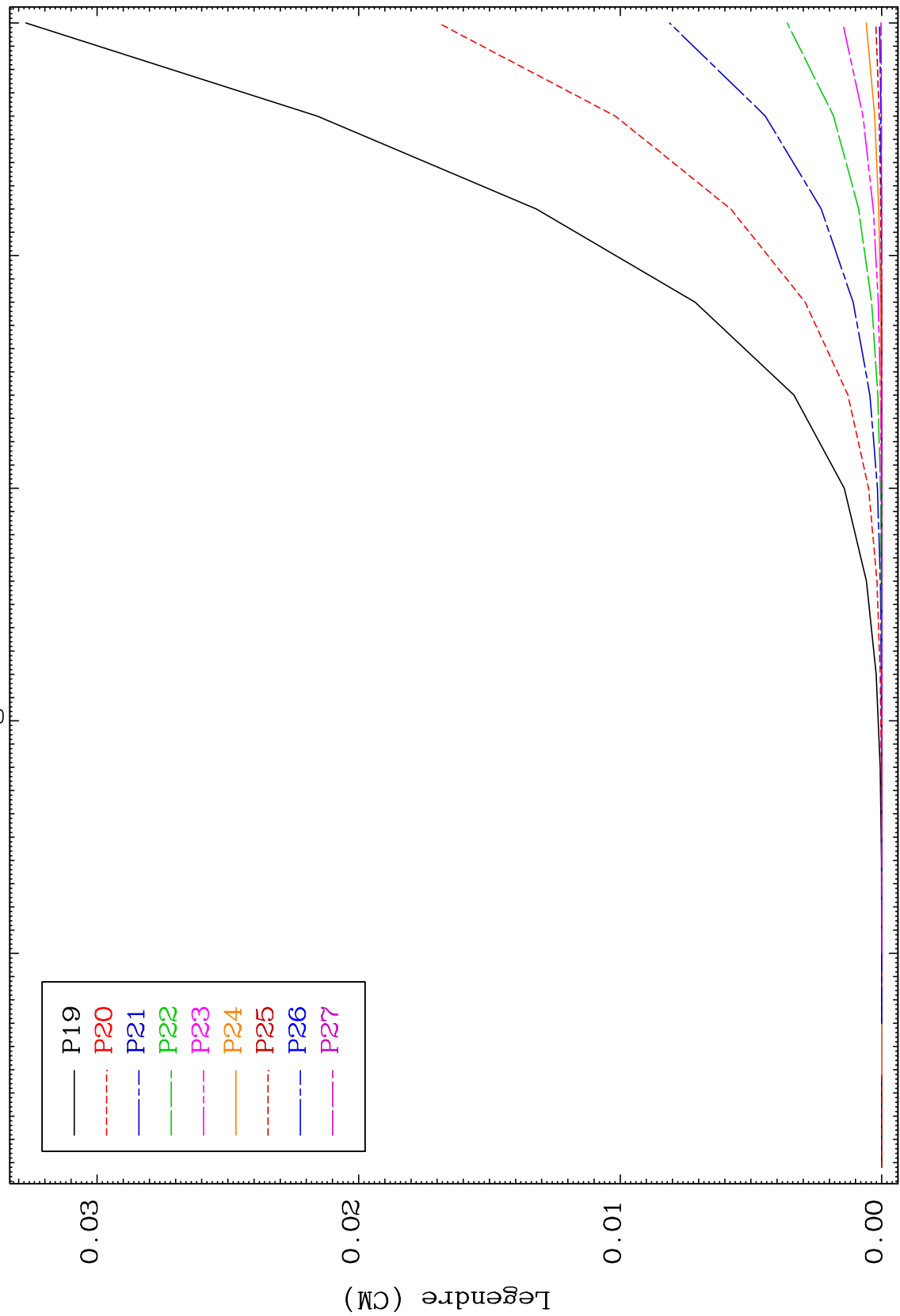




MAT 7840

Elastic Legendre Coefficients

78-Pt-195



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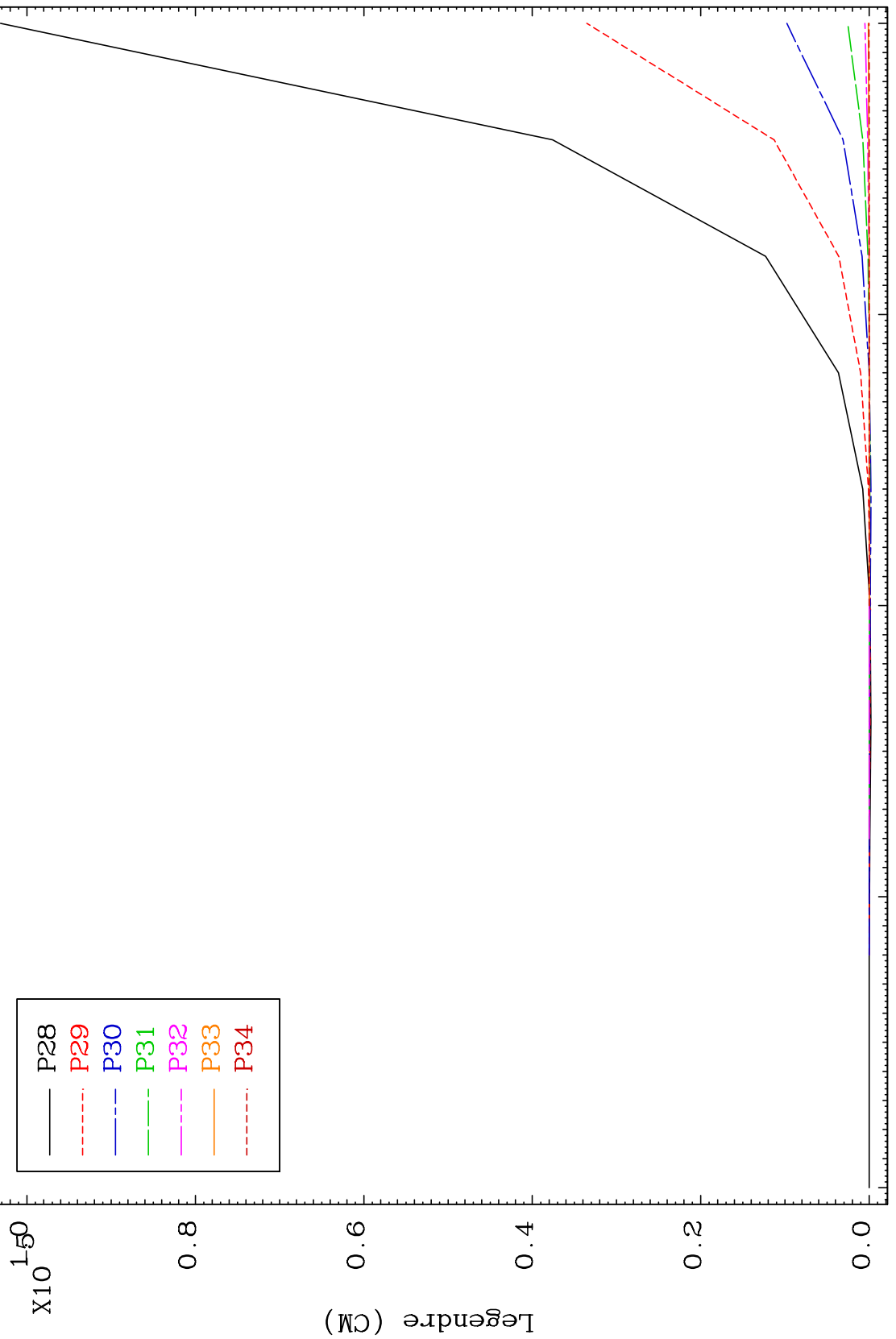
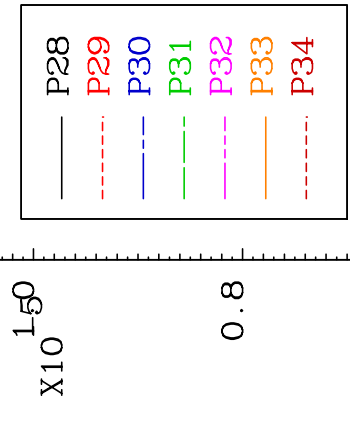
Incident Energy (MeV)

78-Pt-195

MAT 7840

Elastic Legendre Coefficients

78-Pt-195



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Incident Energy (MeV)

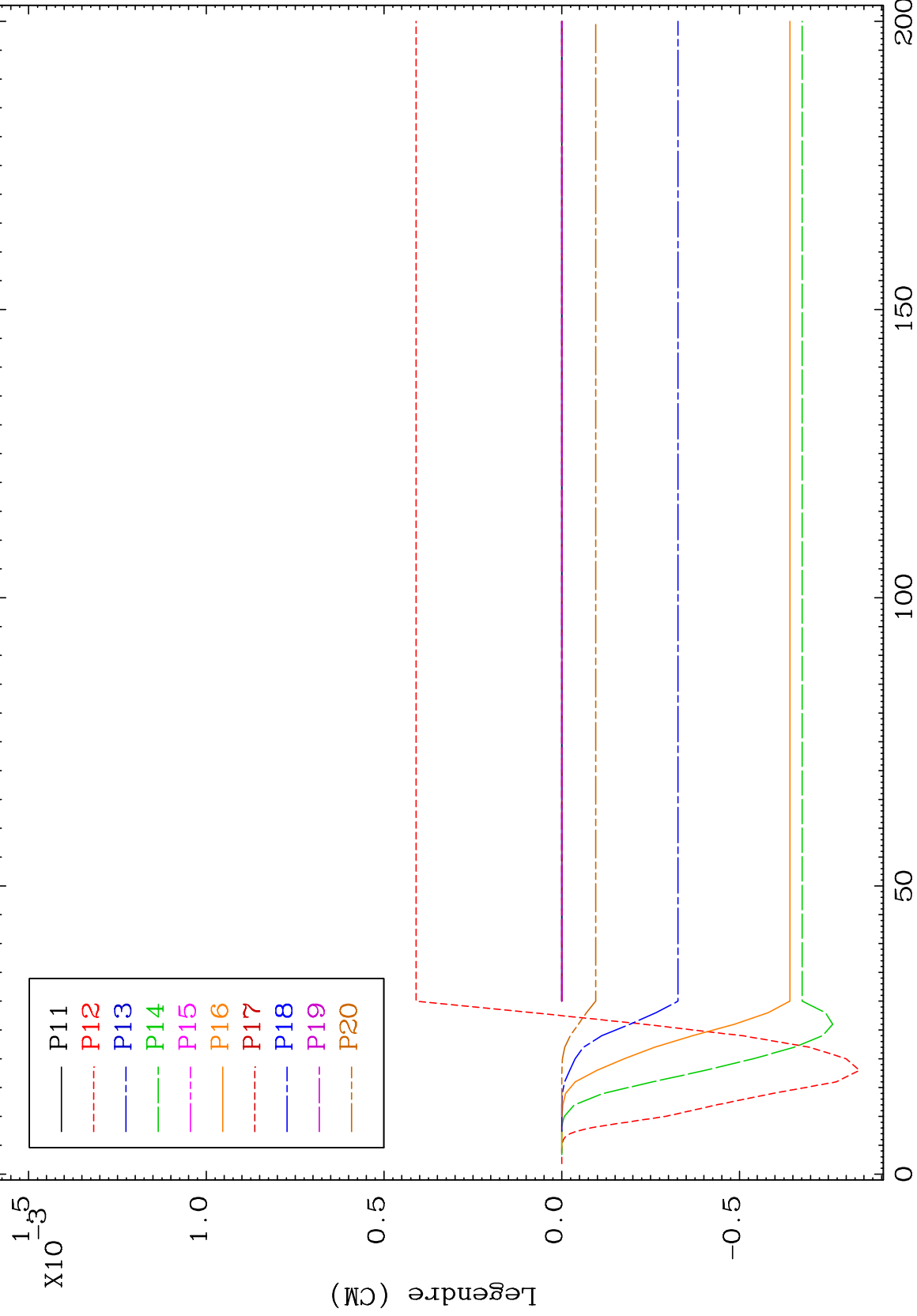
78-Pt-195



MAT 7840

98.88 keV (n,n') Level  
Legendre Coefficients

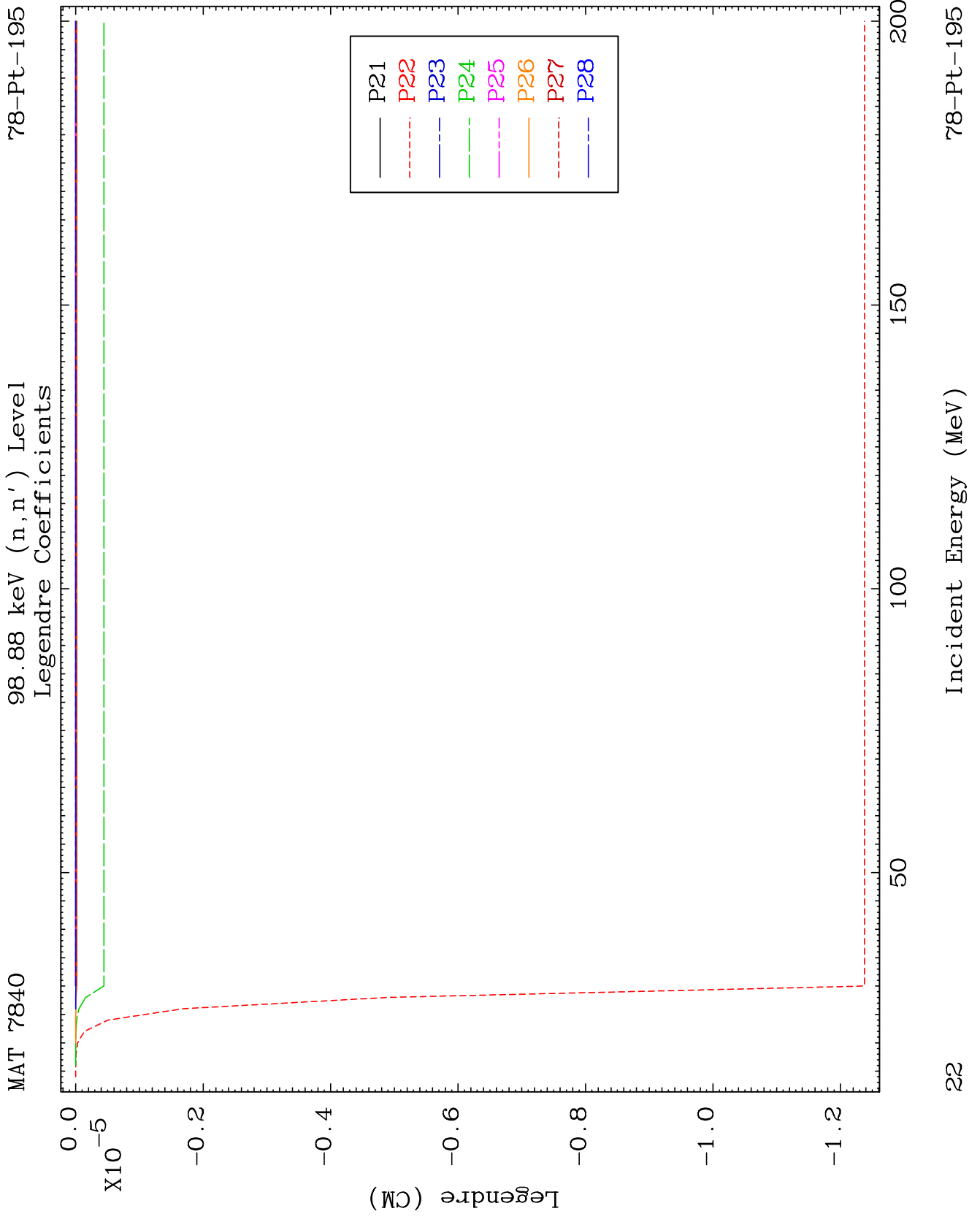
78-Pt-195



21

Incident Energy (MeV)

78-Pt-195

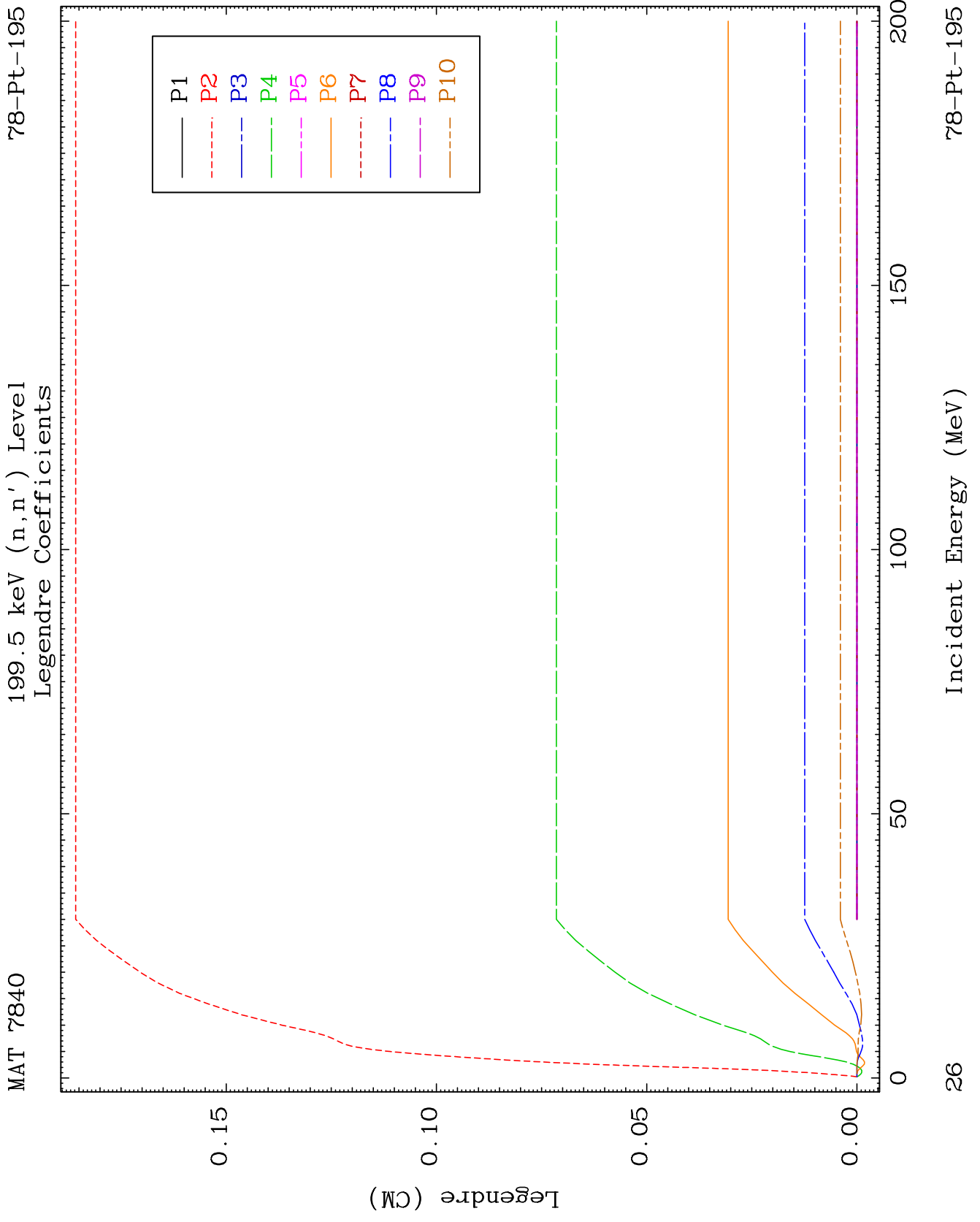








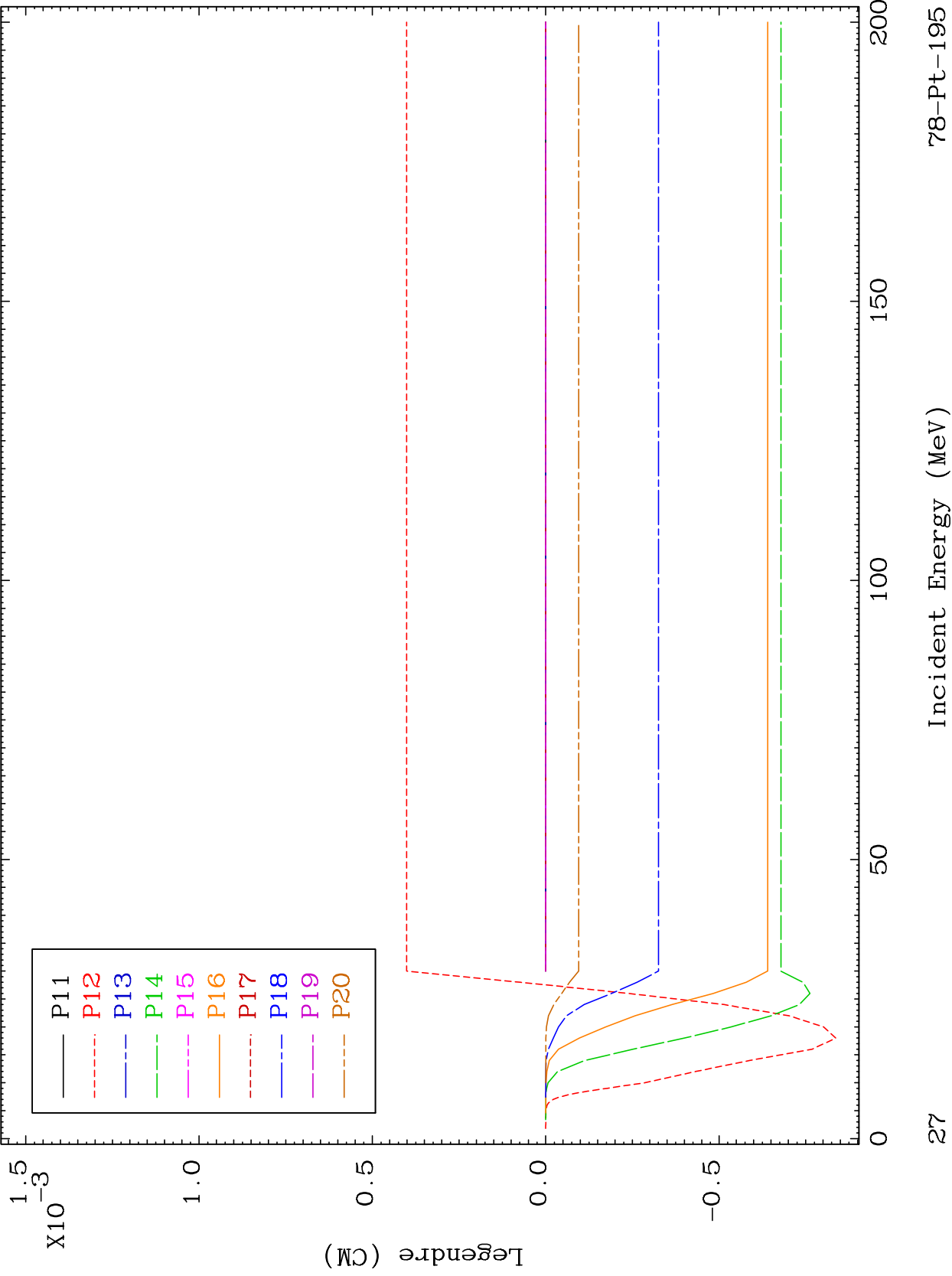


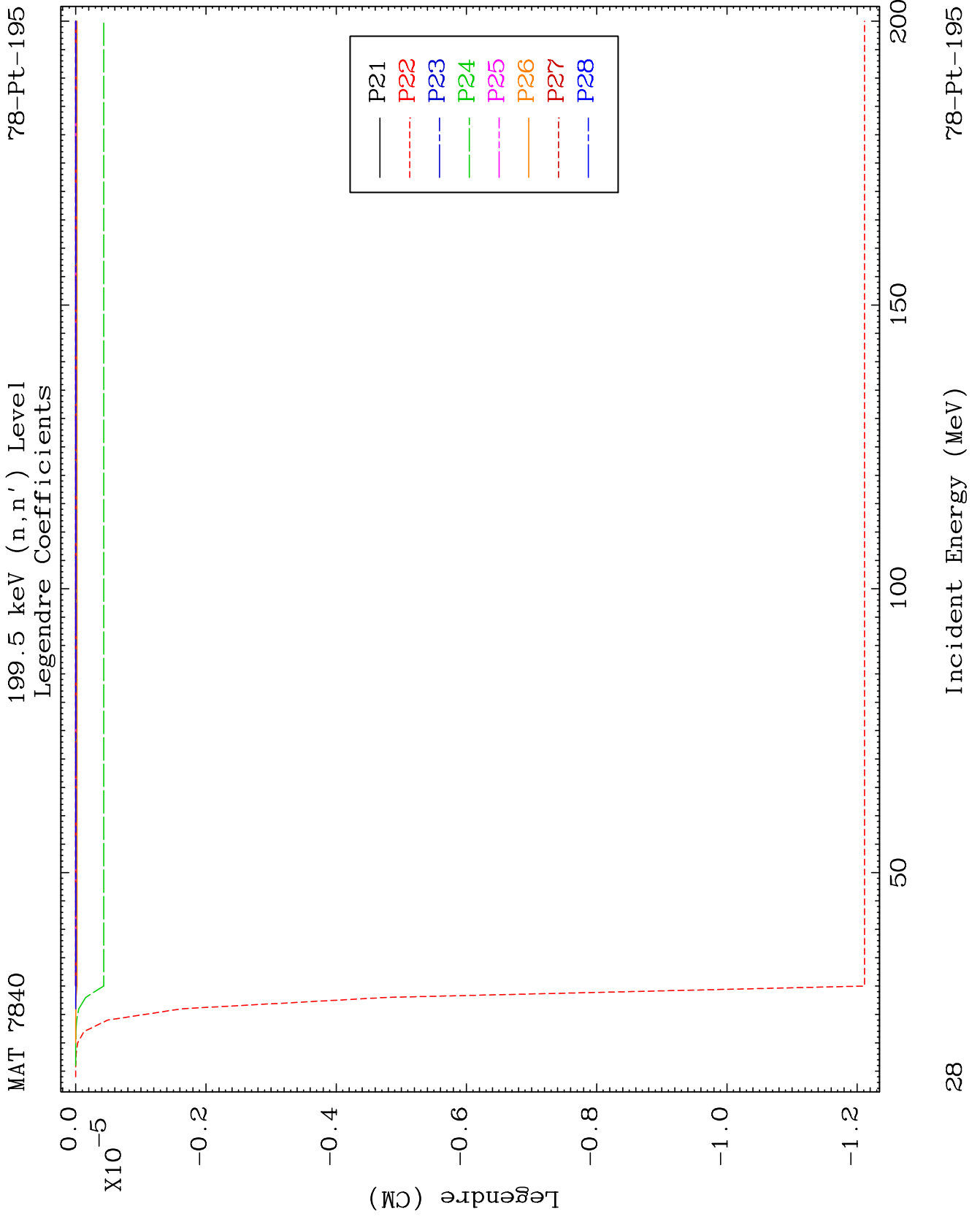


MAT 7840

199.5 keV (n,n') Level  
Legendre Coefficients

78-Pt-195

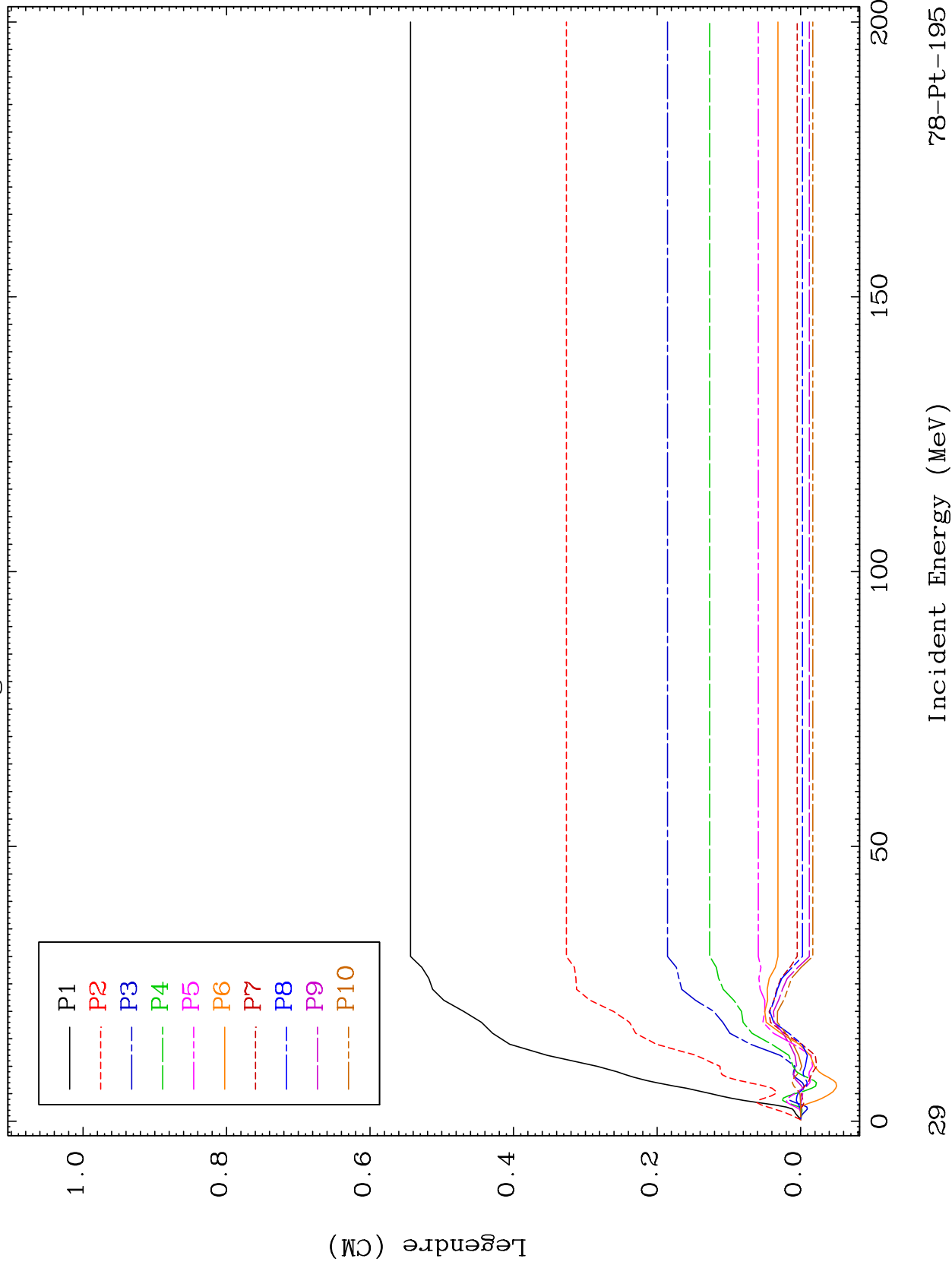




MAT 7840

211.4 keV (n,n') Level  
Legendre Coefficients

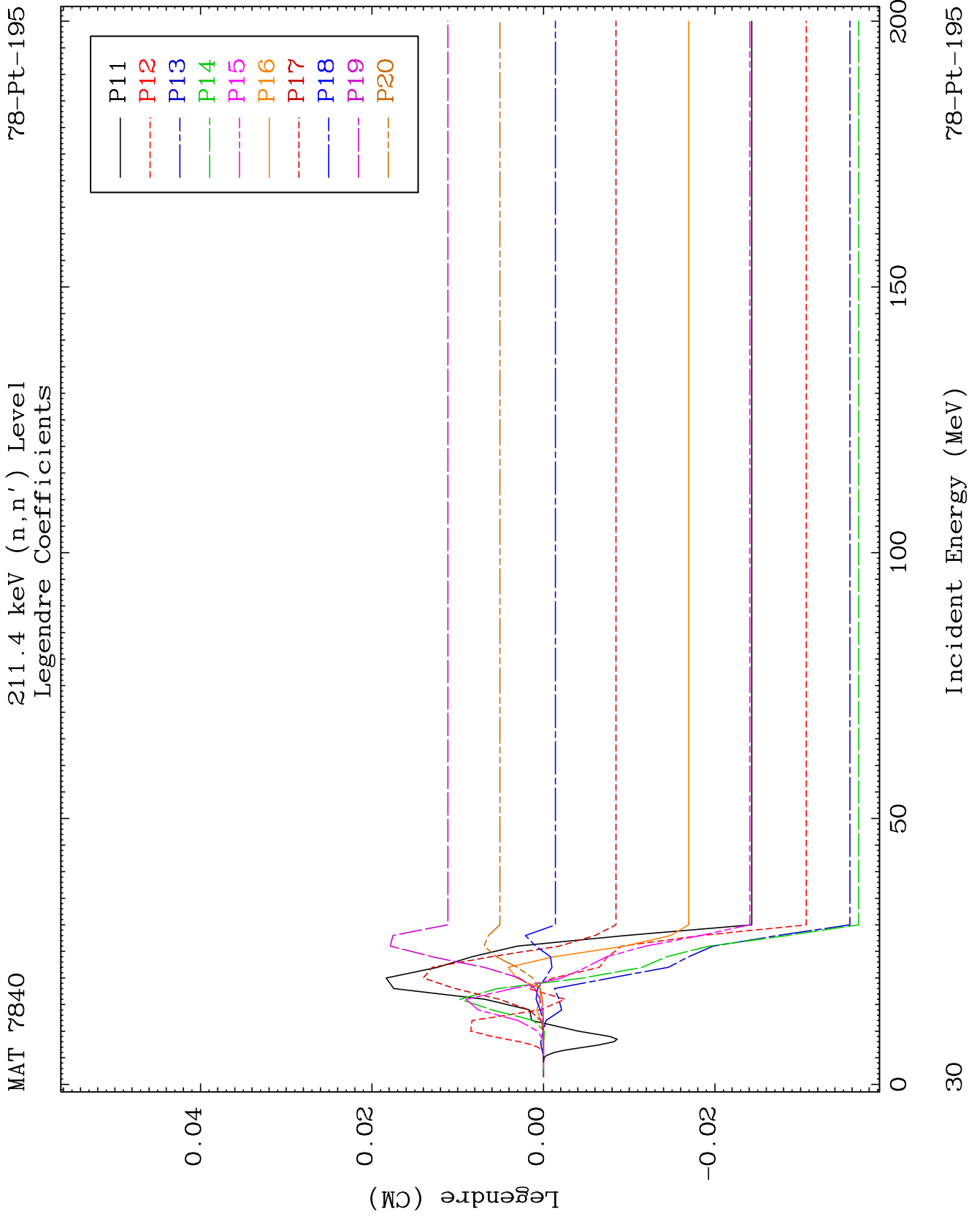
78-Pt-195



29

Incident Energy (MeV)

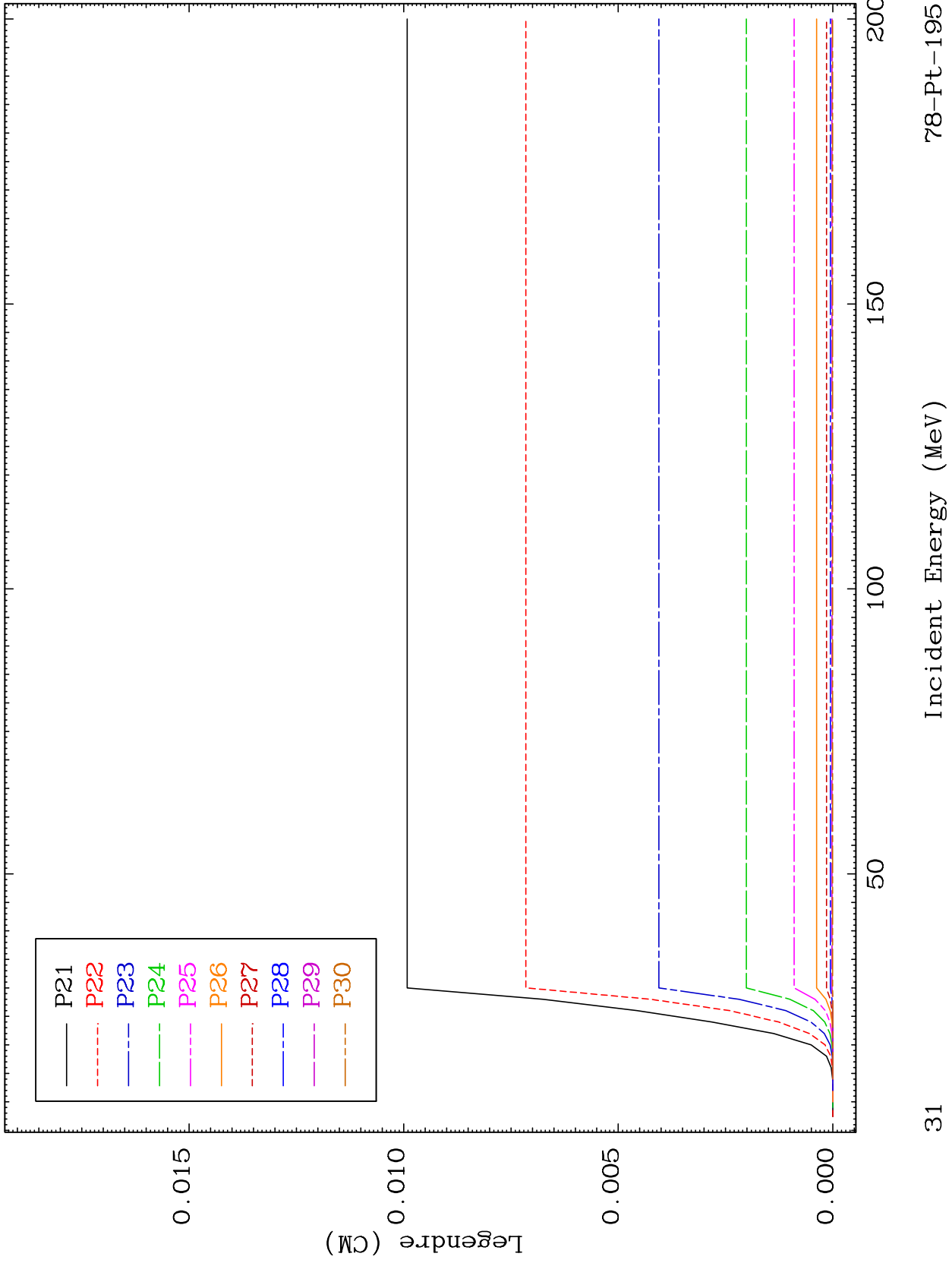
78-Pt-195



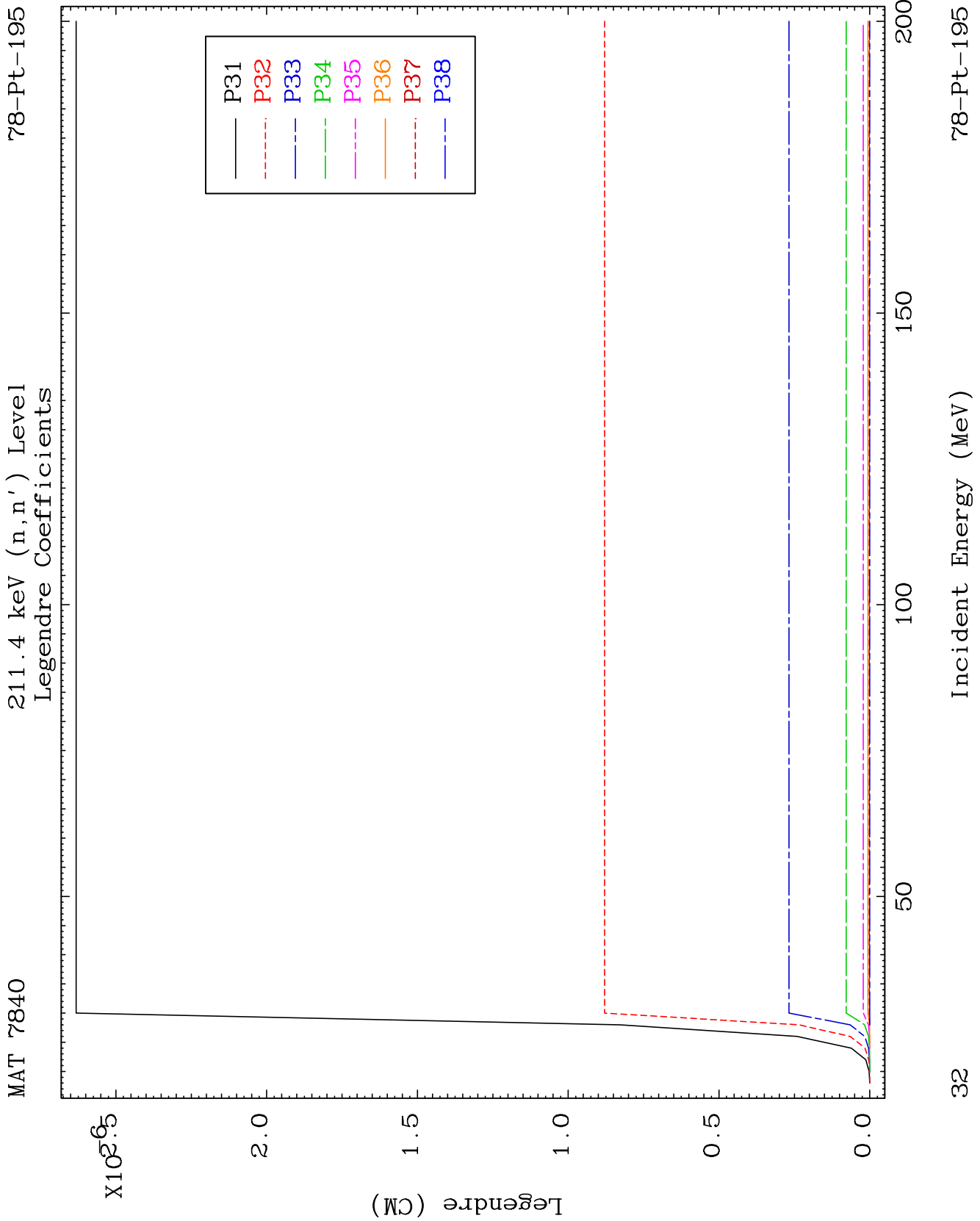
MAT 7840

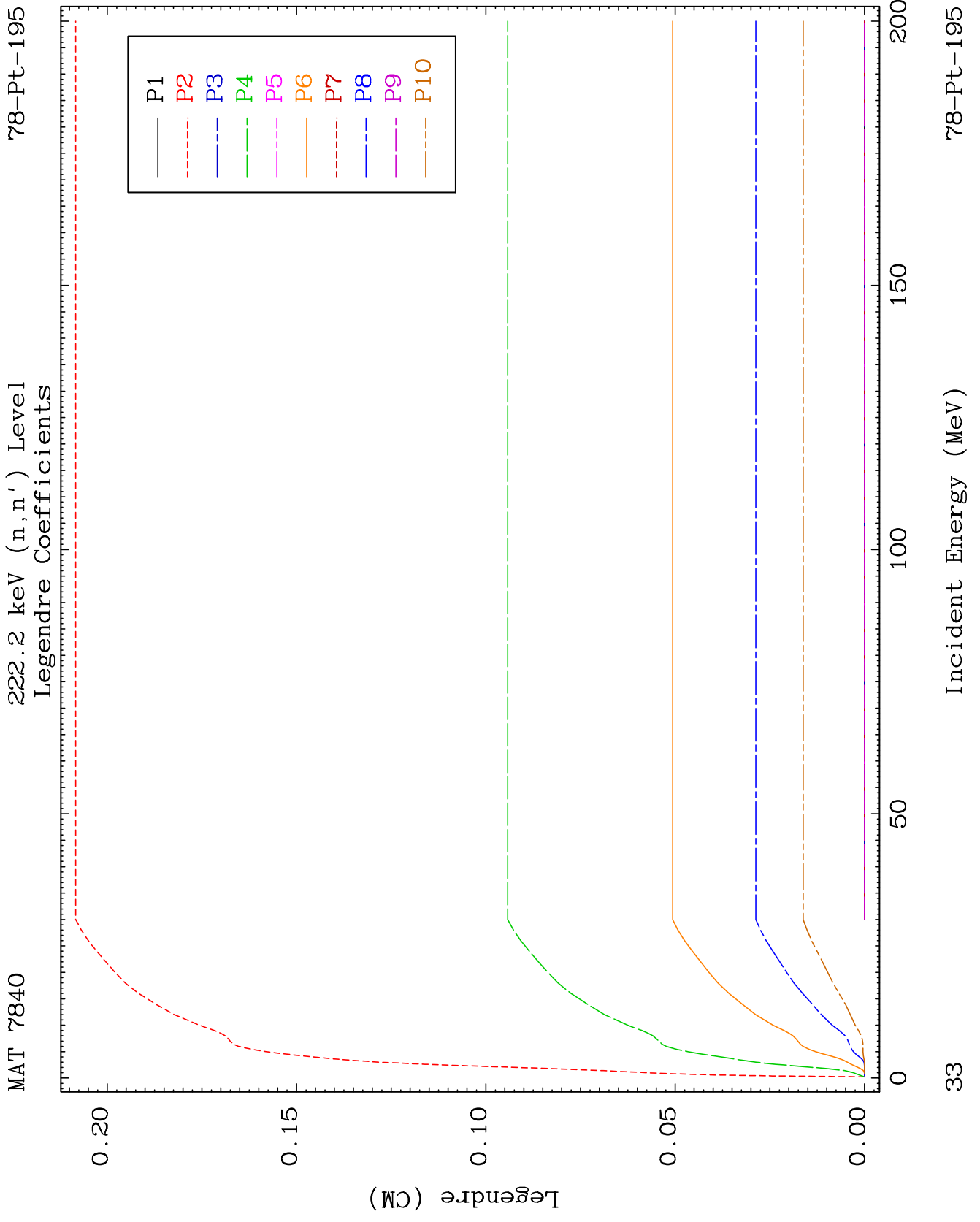
211.4 keV (n,n') Level  
Legendre Coefficients

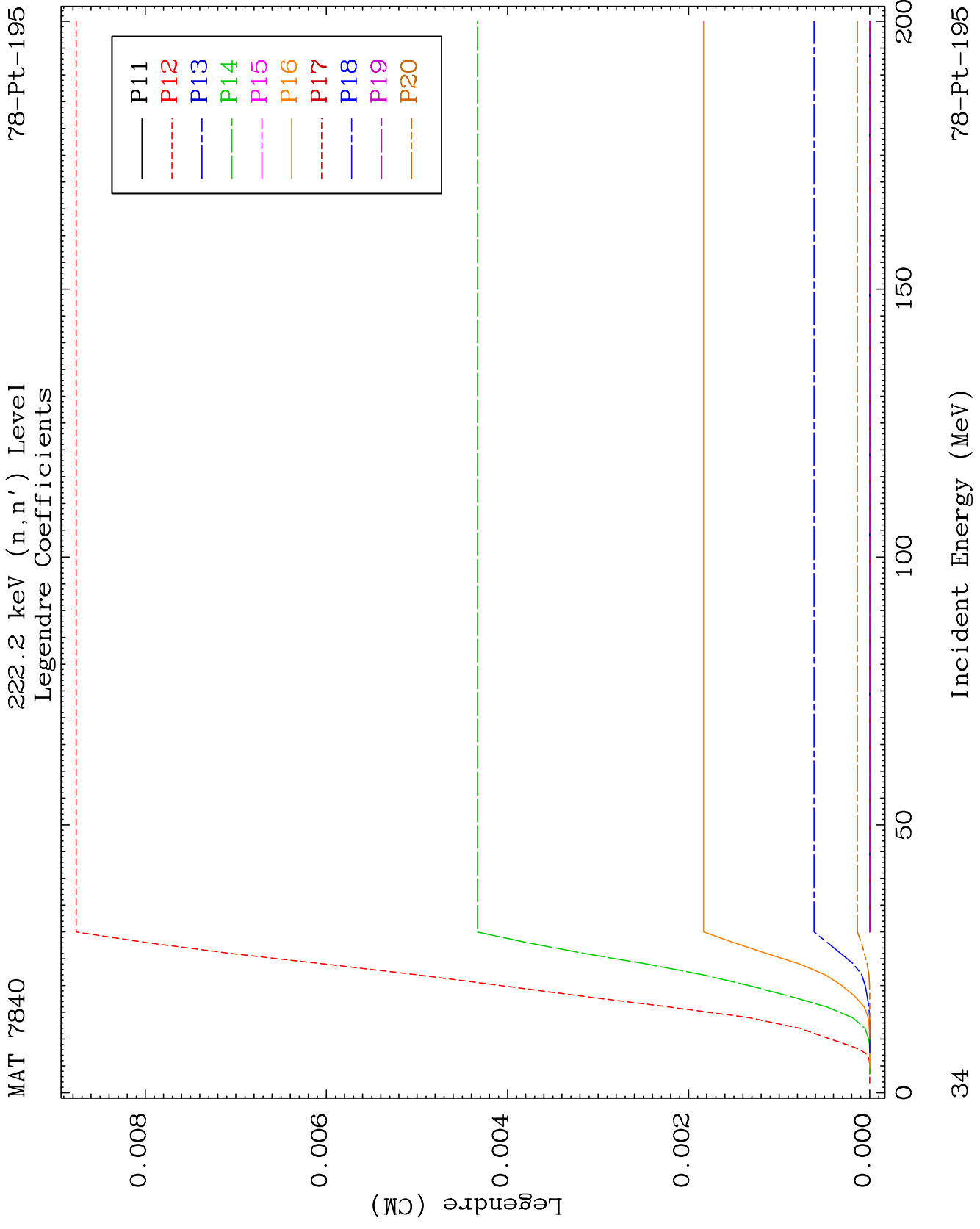
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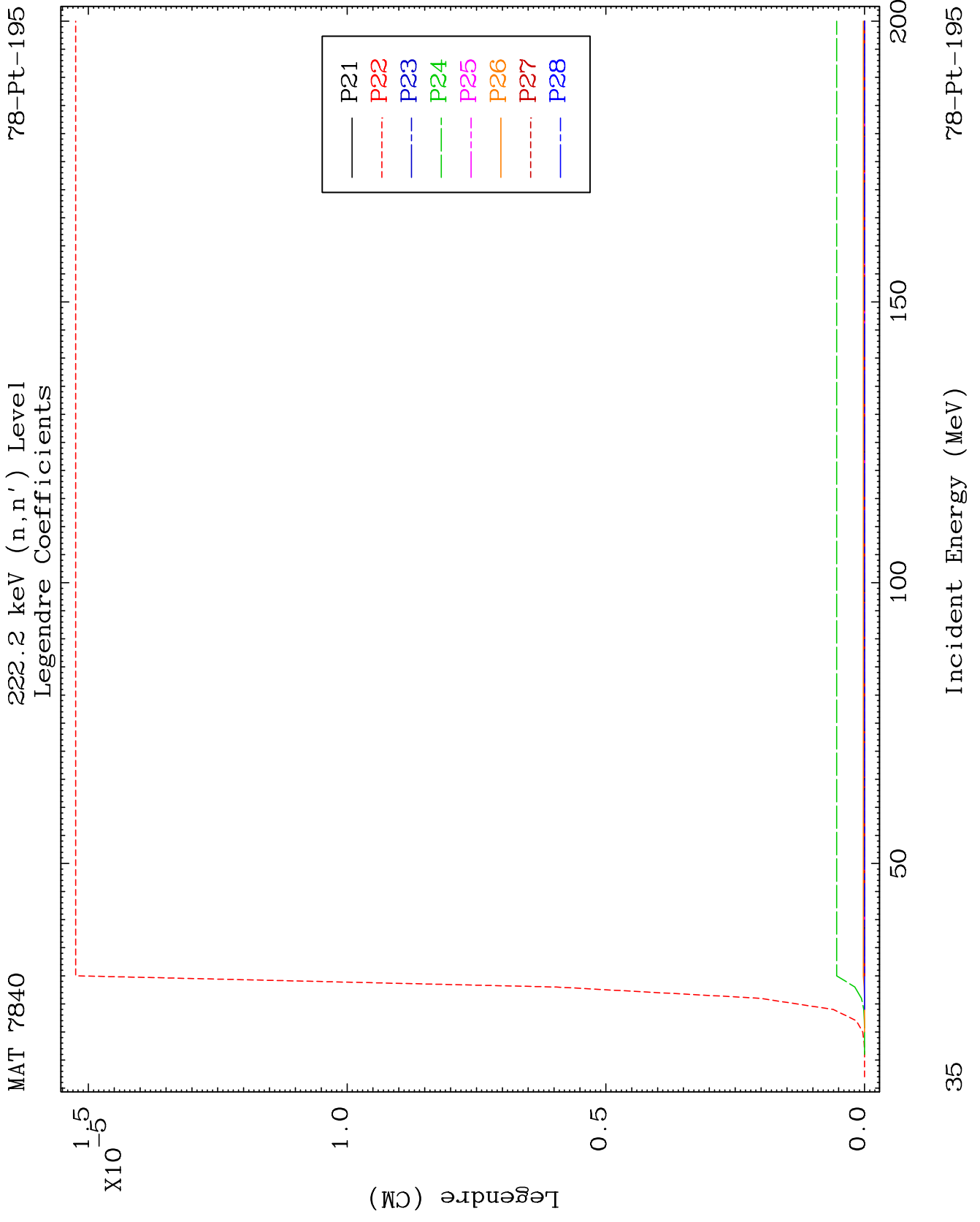


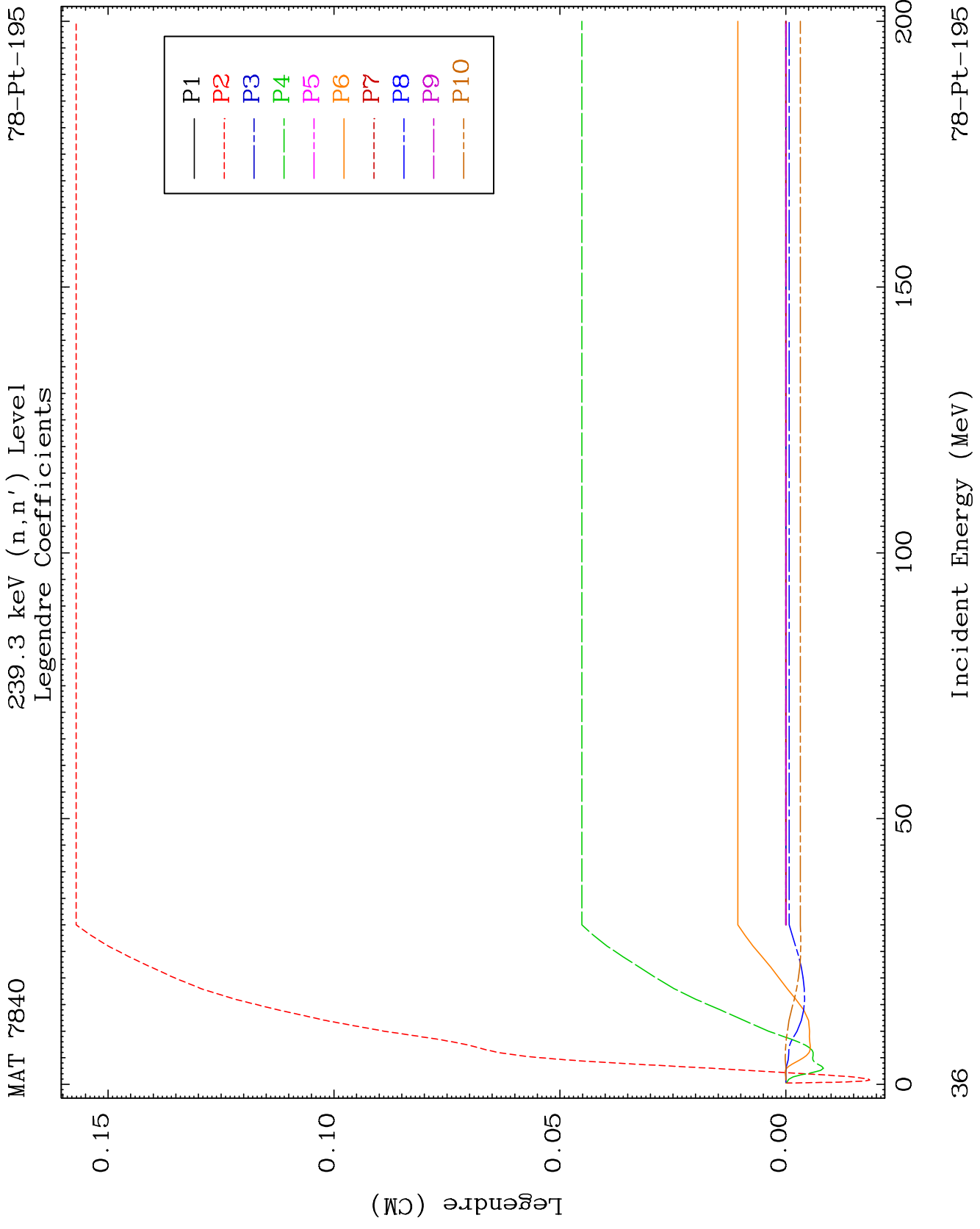


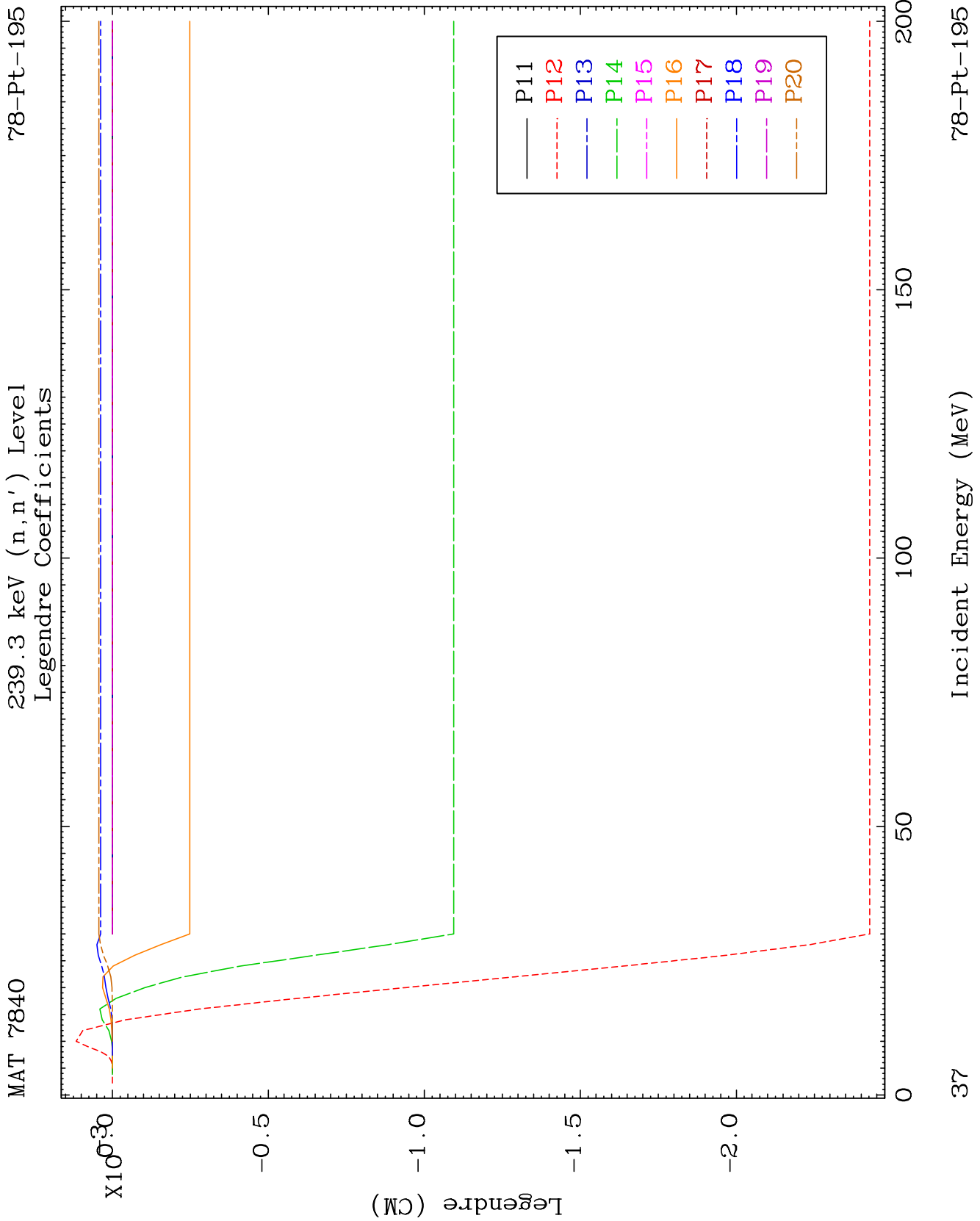


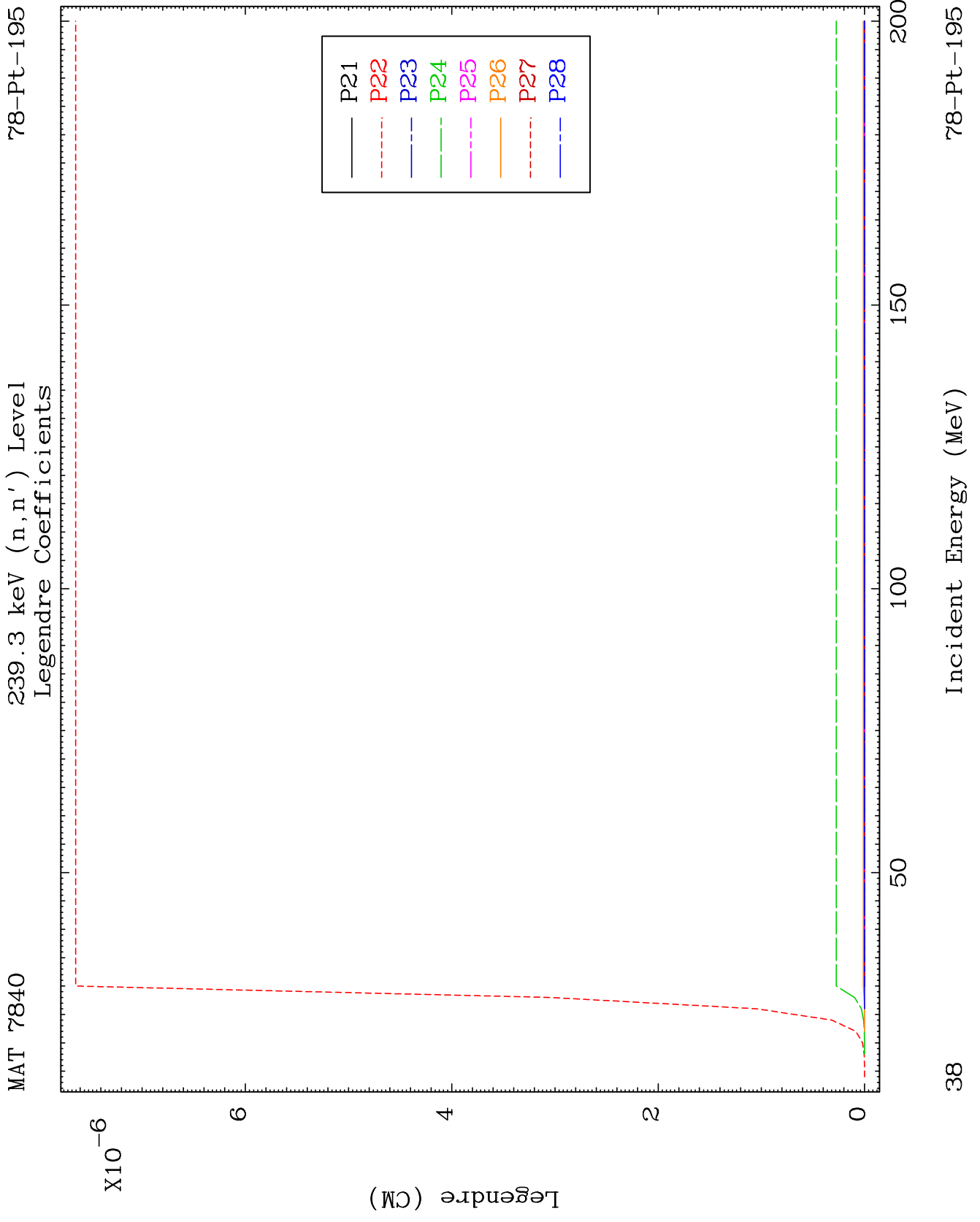








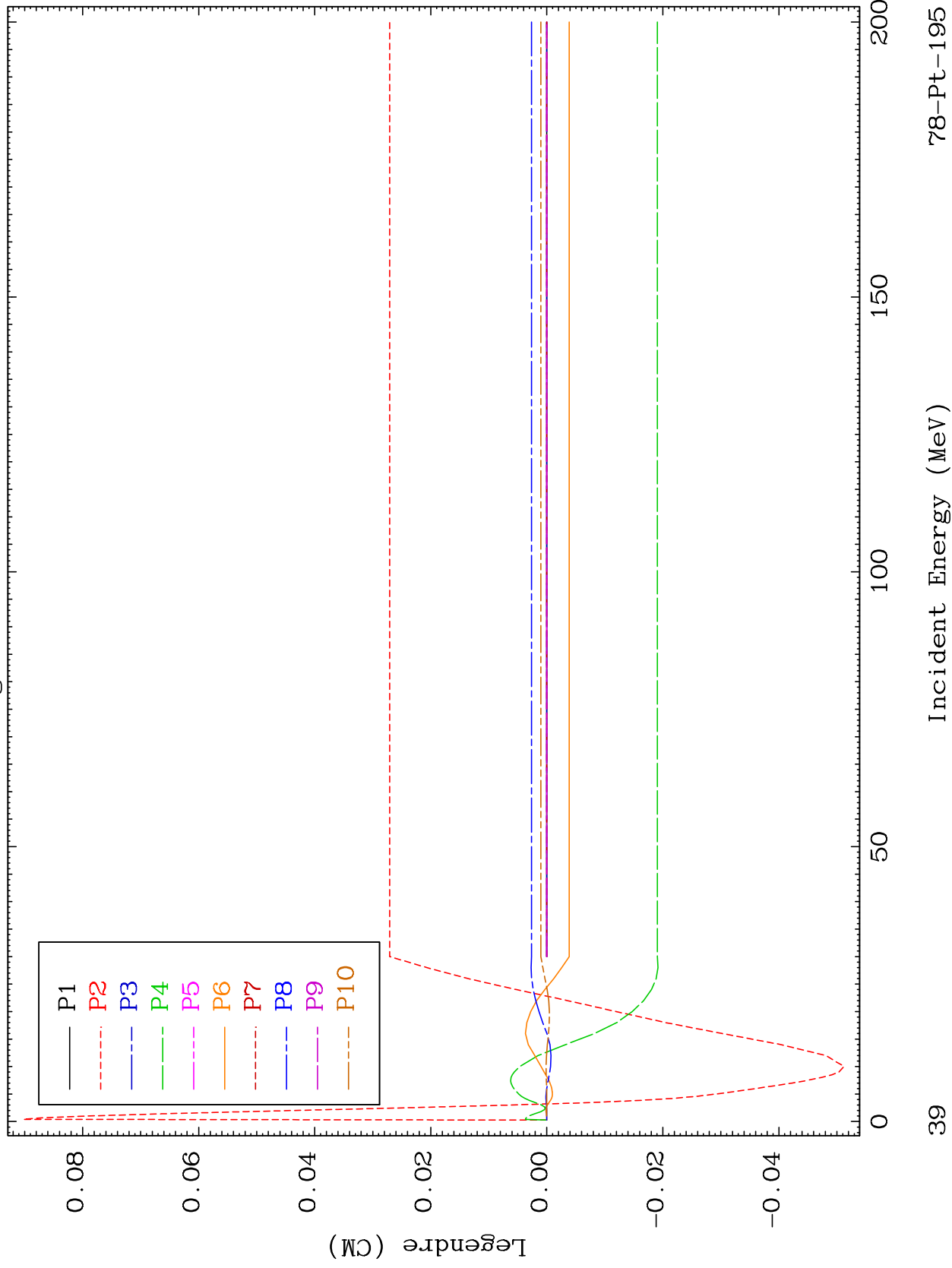




MAT 7840

259.3 keV (n,n') Level  
Legendre Coefficients

78-Pt-195



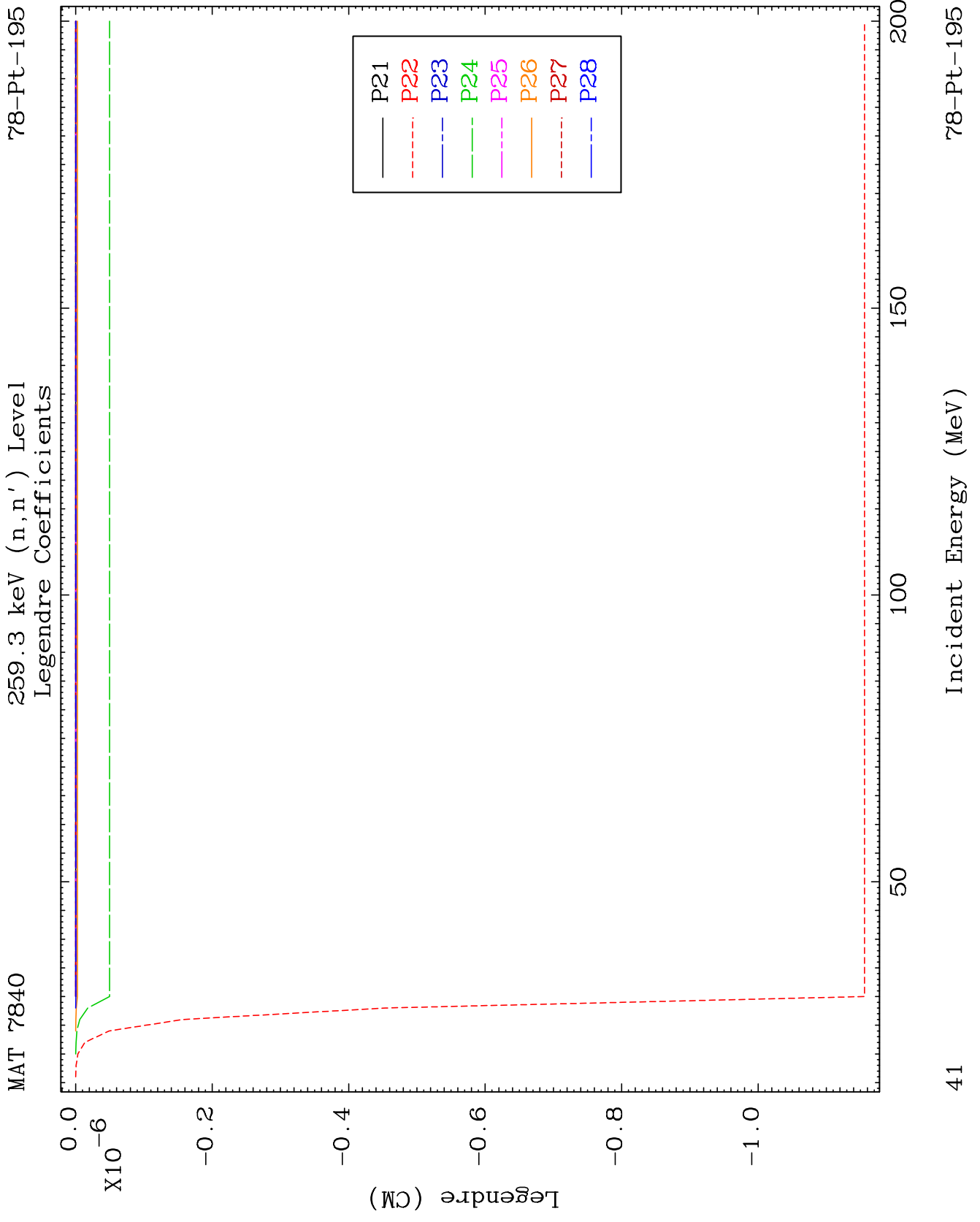
78-Pt-195

Incident Energy (MeV)

39



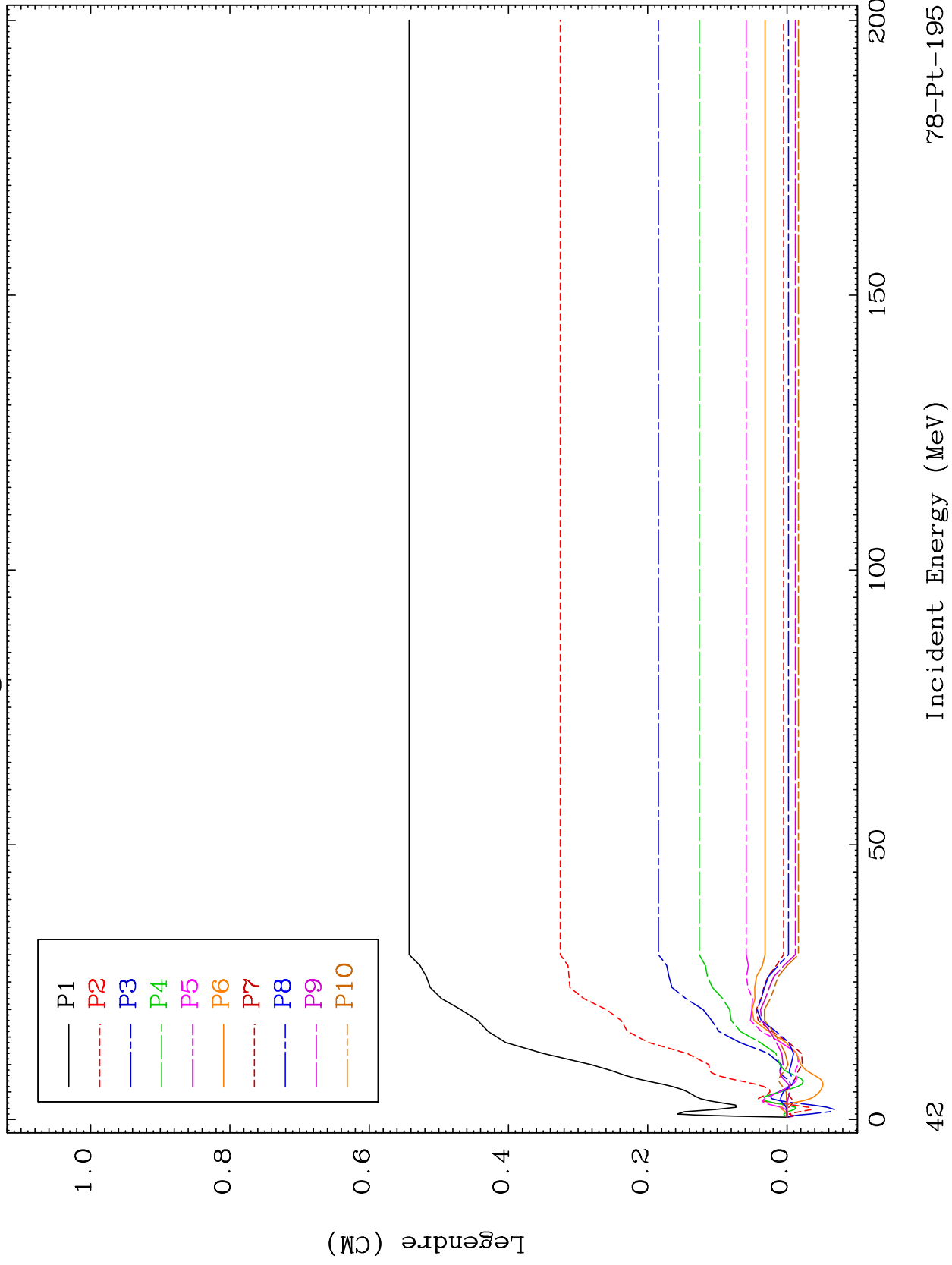




MAT 7840

389.2 keV (n,n') Level  
Legendre Coefficients

78-Pt-195



42

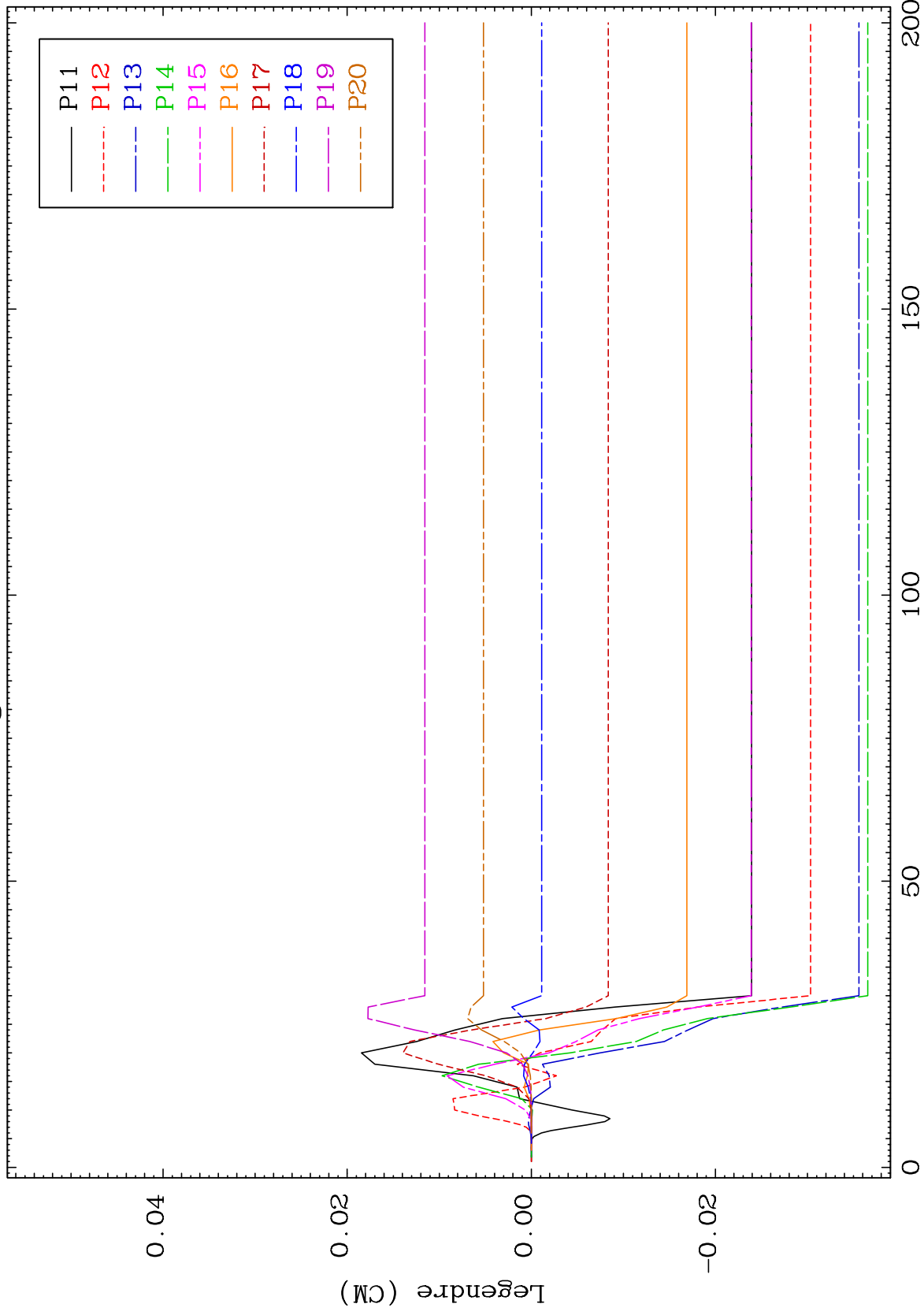
Incident Energy (MeV)

78-Pt-195

MAT 7840

389.2 keV (n,n') Level  
Legendre Coefficients

78-Pt-195



43

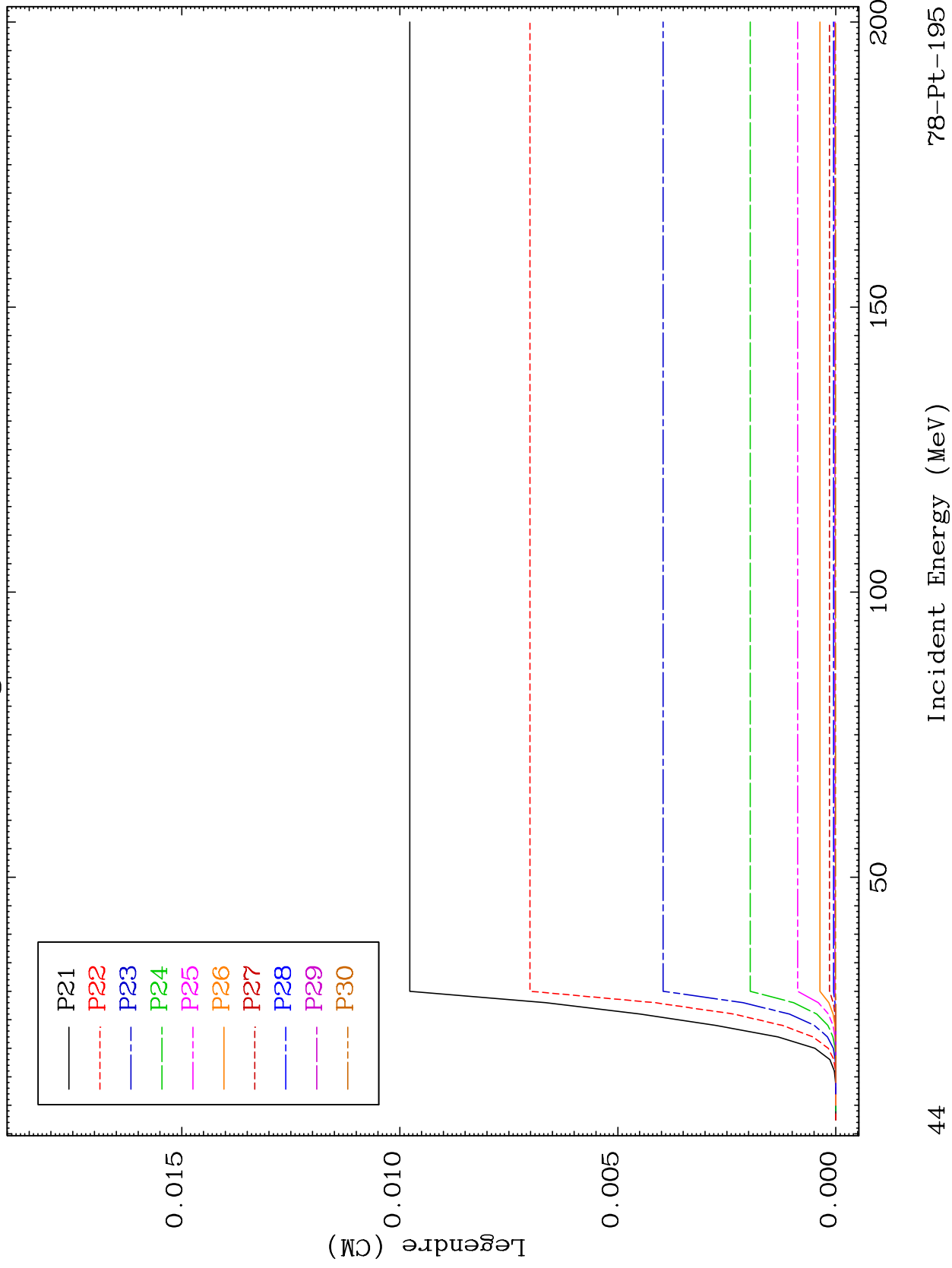
Incident Energy (MeV)

78-Pt-195

MAT 7840

389.2 keV (n,n') Level  
Legendre Coefficients

78-Pt-195



44

Incident Energy (MeV)

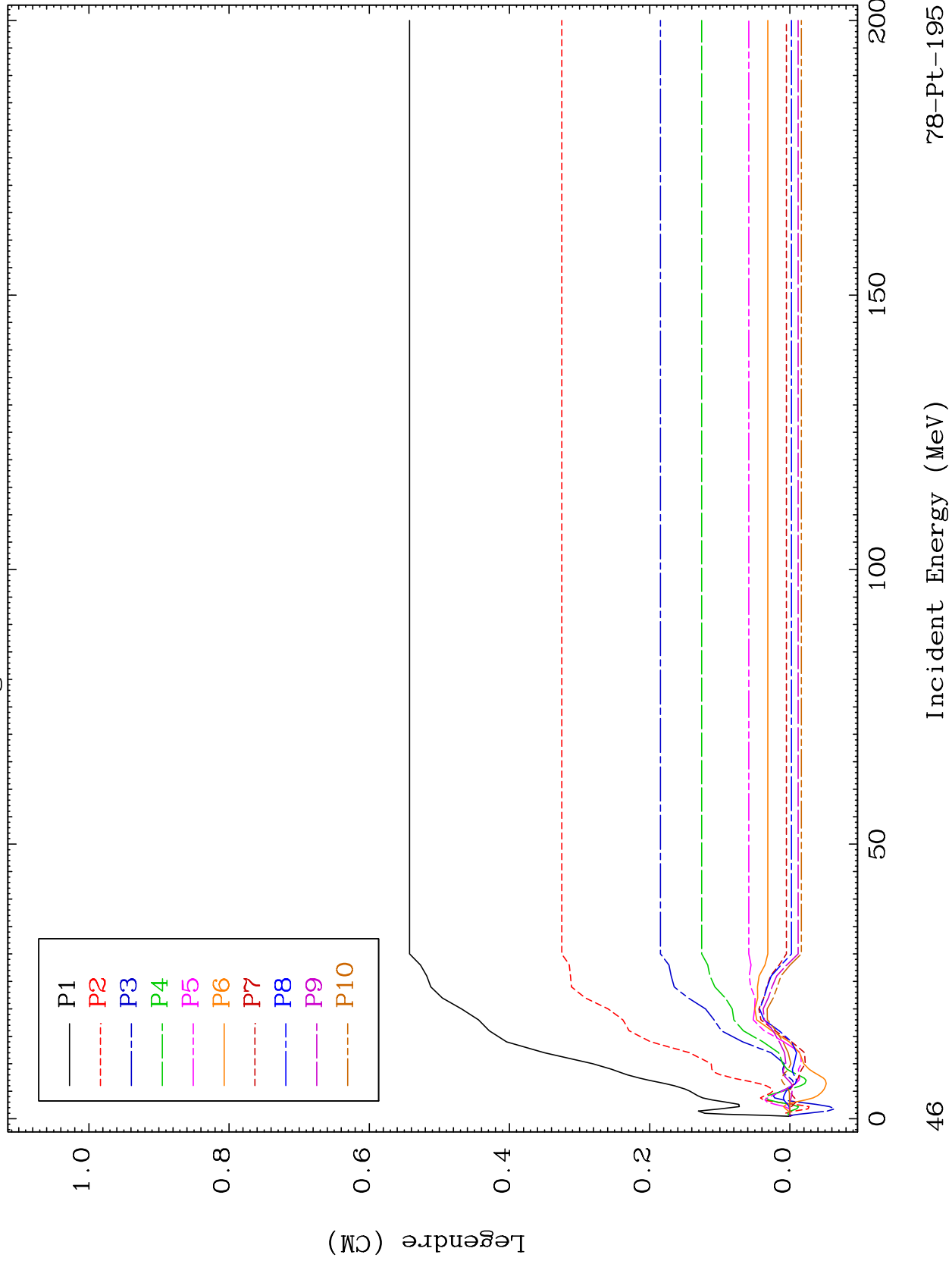
78-Pt-195



MAT 7840

419.7 keV (n, n') Level  
Legendre Coefficients

78-Pt-195



78-Pt-195

Incident Energy (MeV)

46

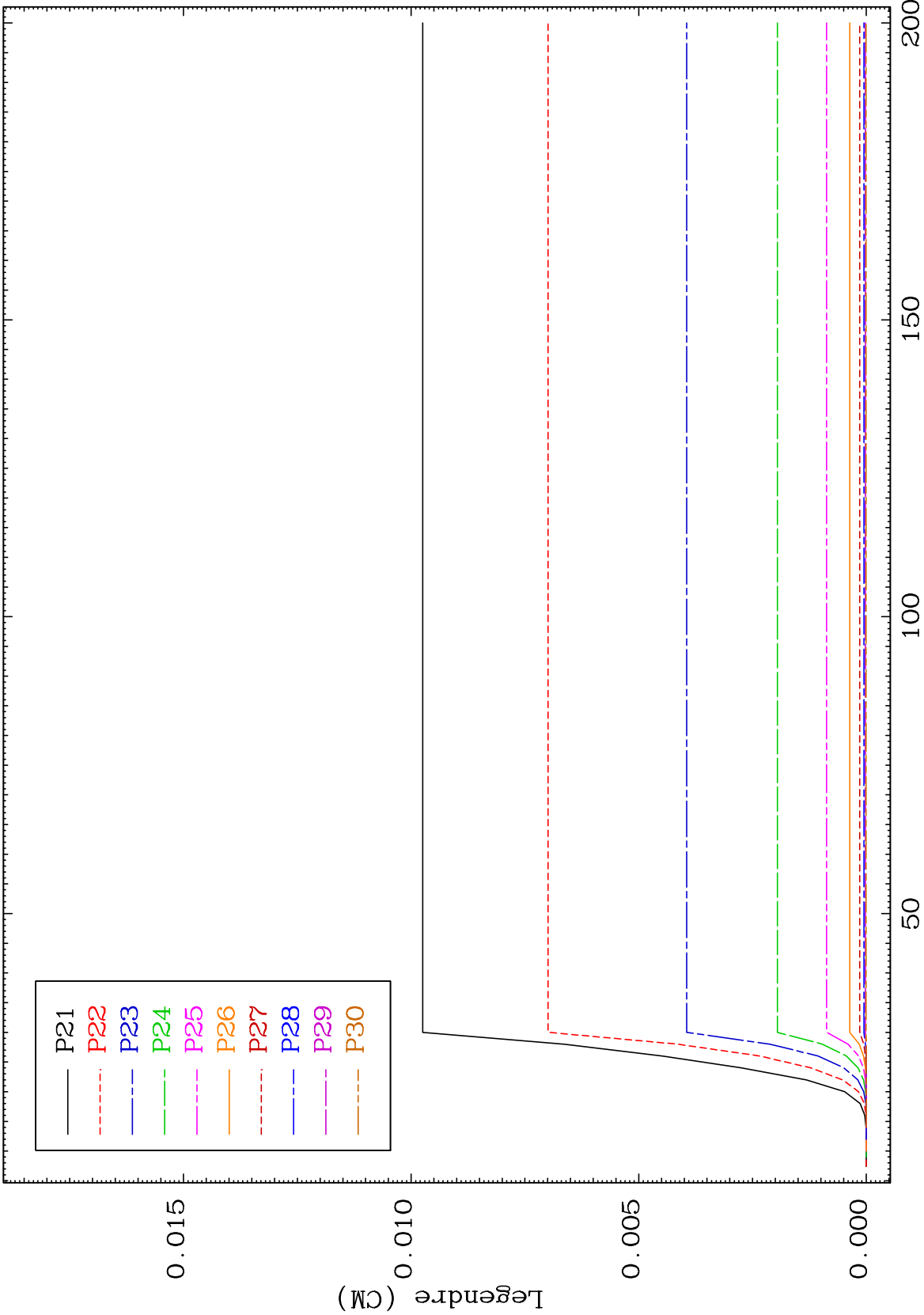




MAT 7840

419.7 keV (n,n') Level  
Legendre Coefficients

78-Pt-195



48

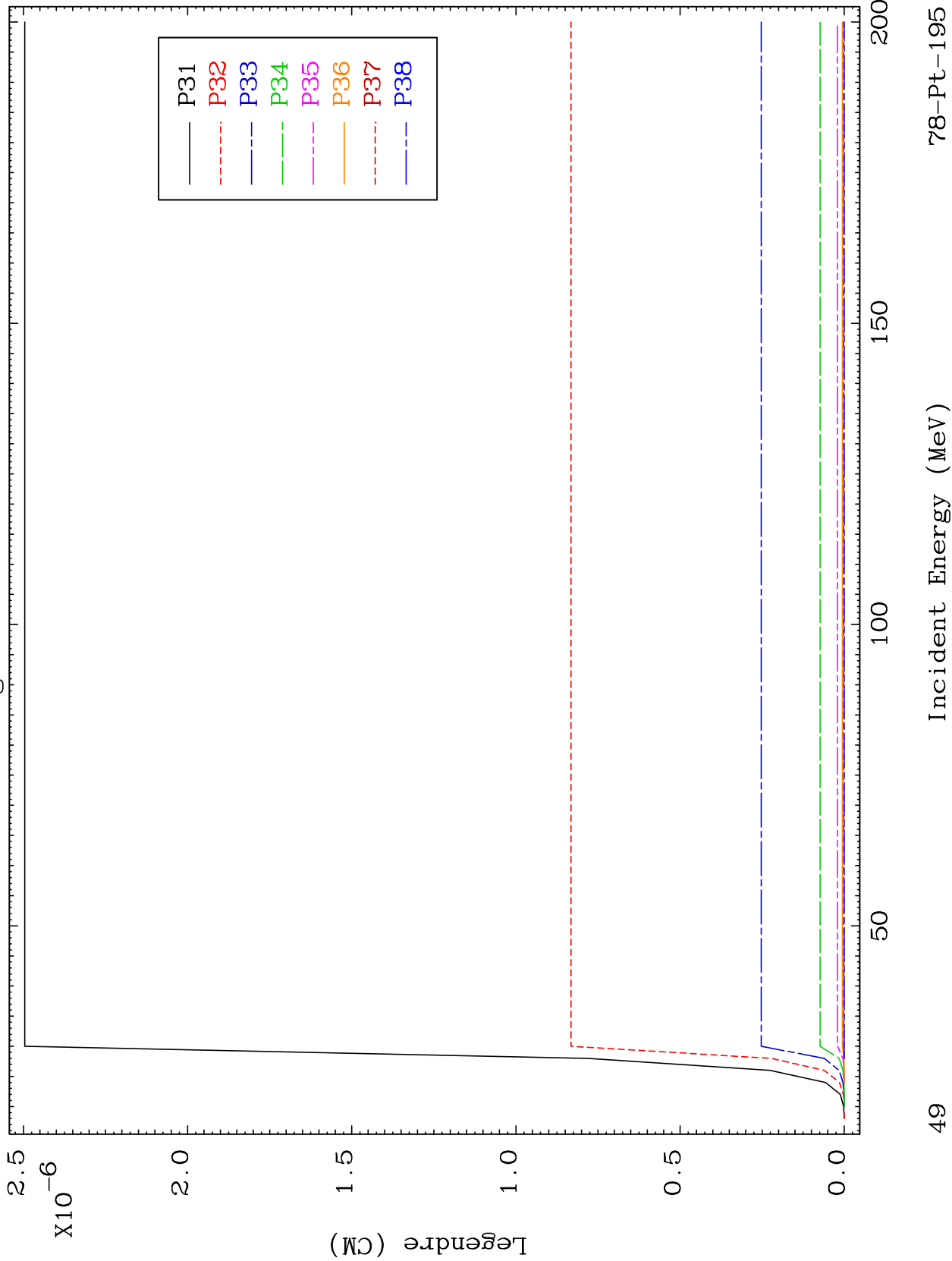
Incident Energy (MeV)

78-Pt-195

MAT 7840

419.7 keV (n,n') Level  
Legendre Coefficients

78-Pt-195



49

Incident Energy (MeV)

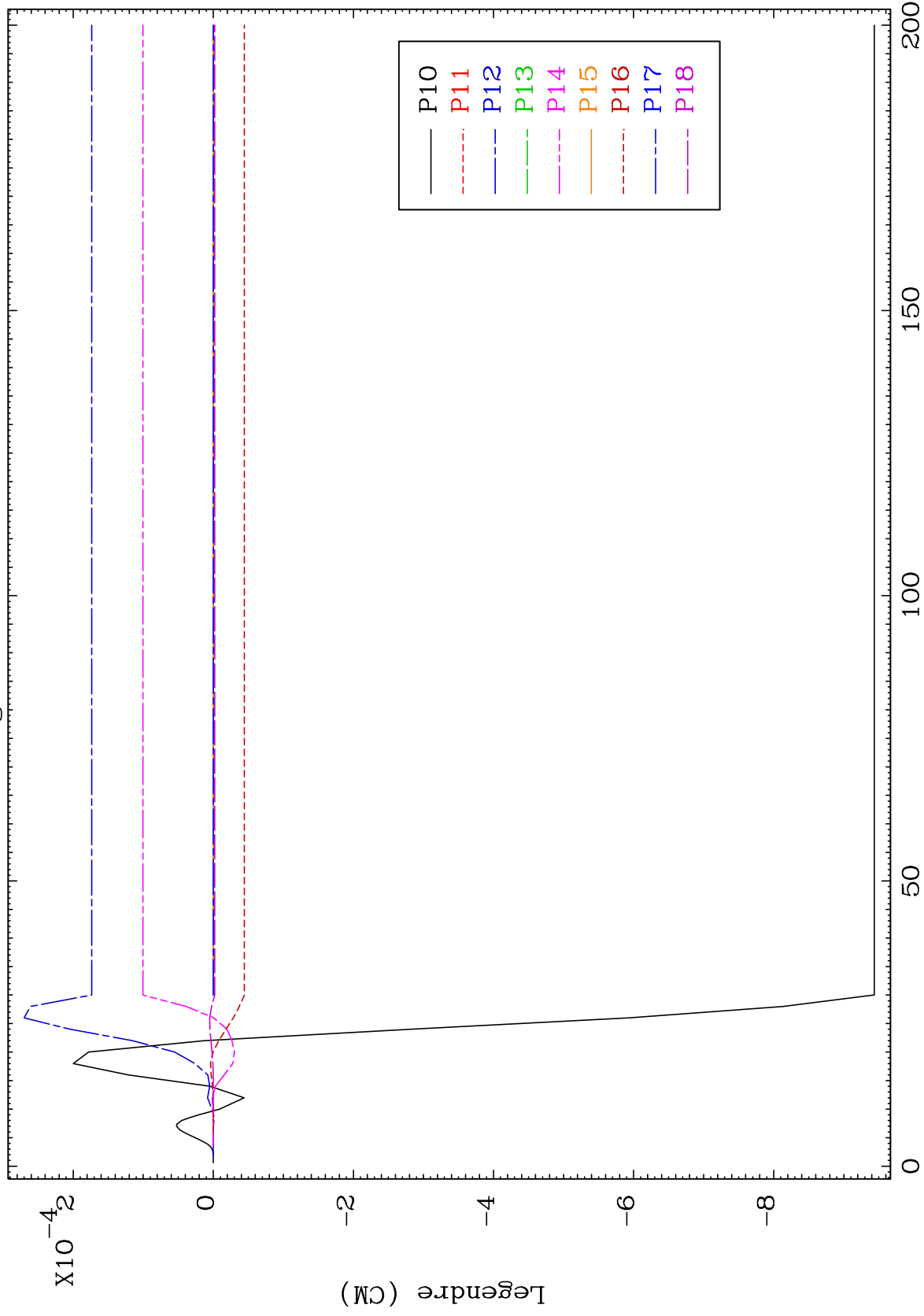
78-Pt-195



MAT 7840

432.0 keV (n,n') Level  
Legendre Coefficients

78-Pt-195

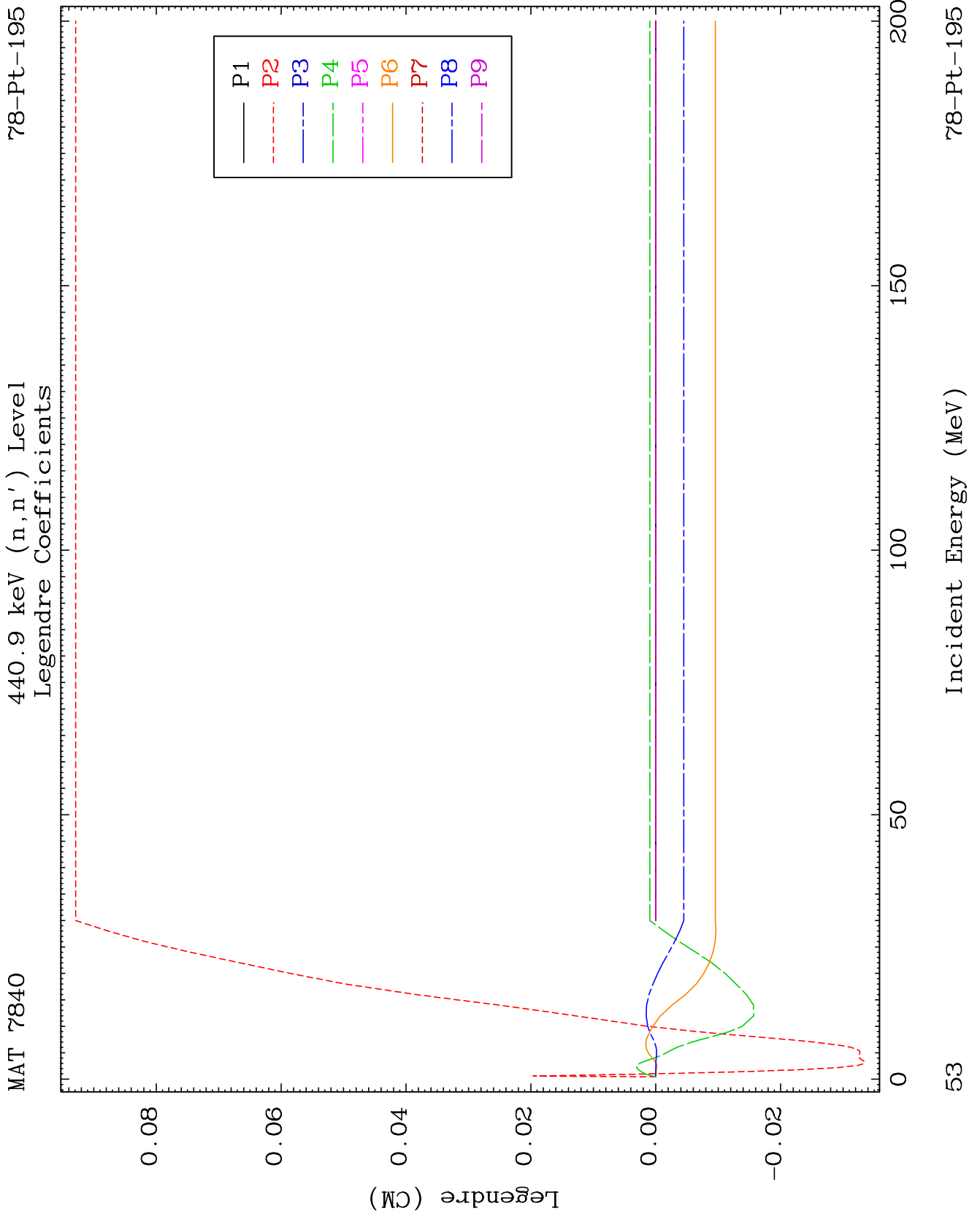


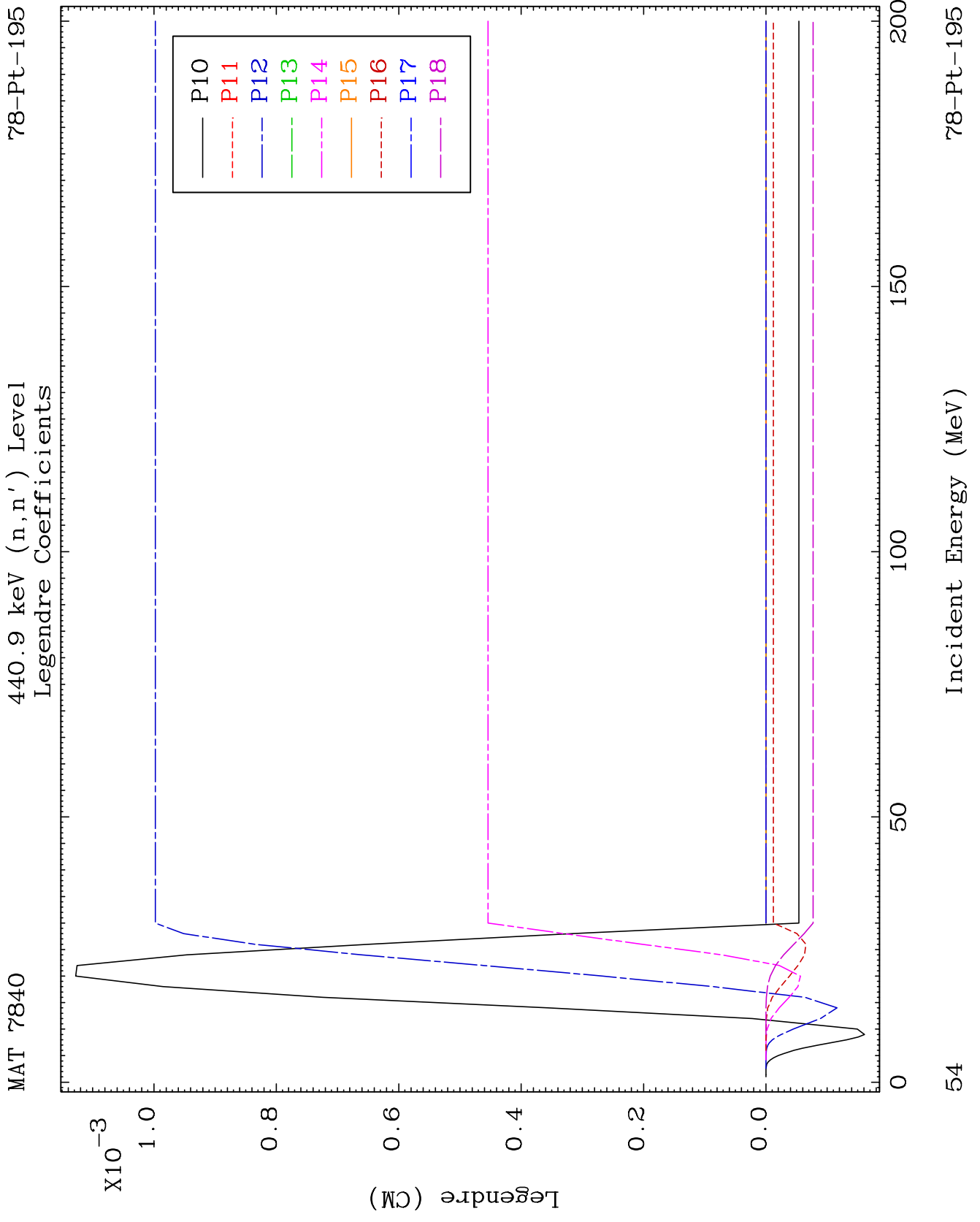
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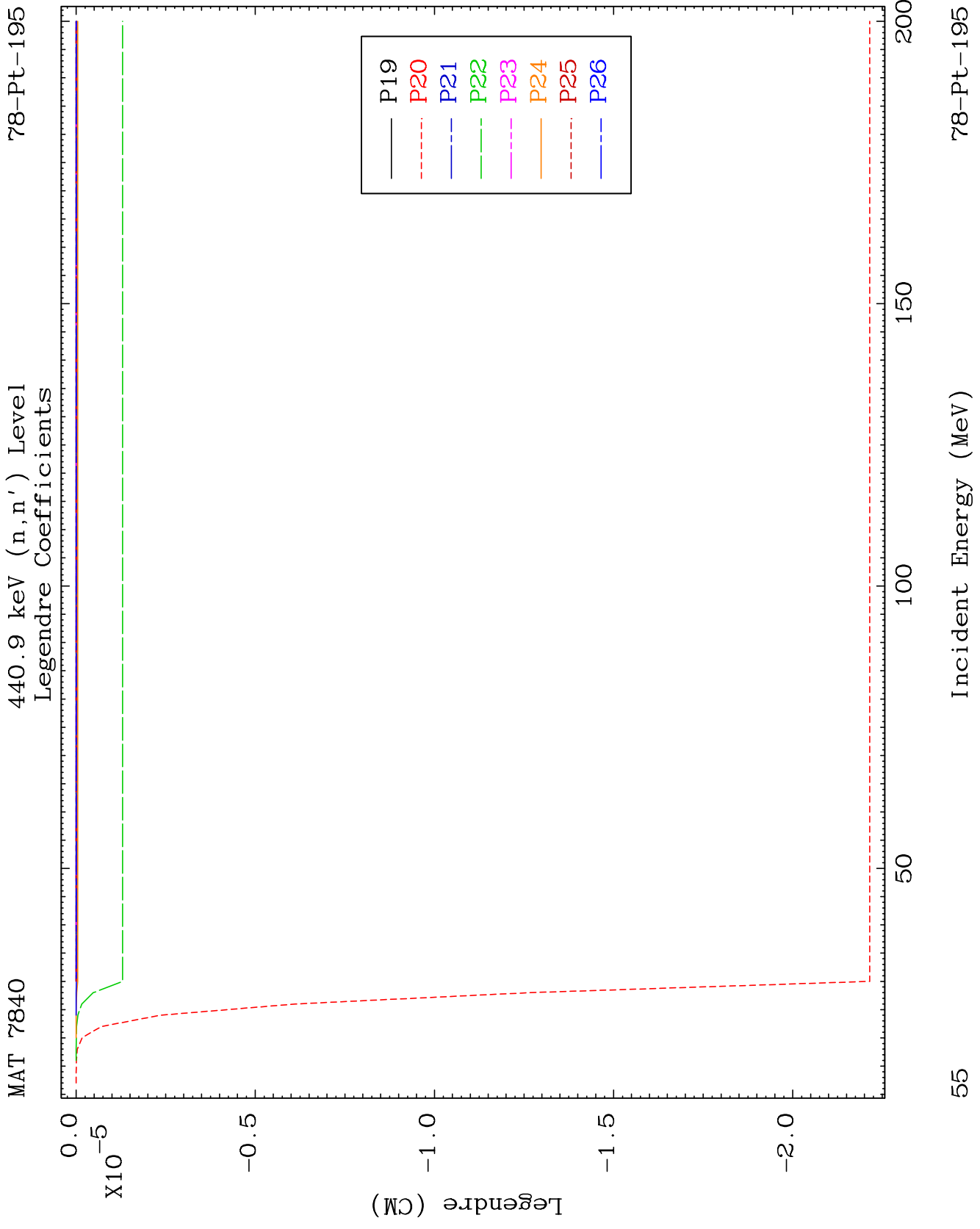
Incident Energy (MeV)

78-Pt-195

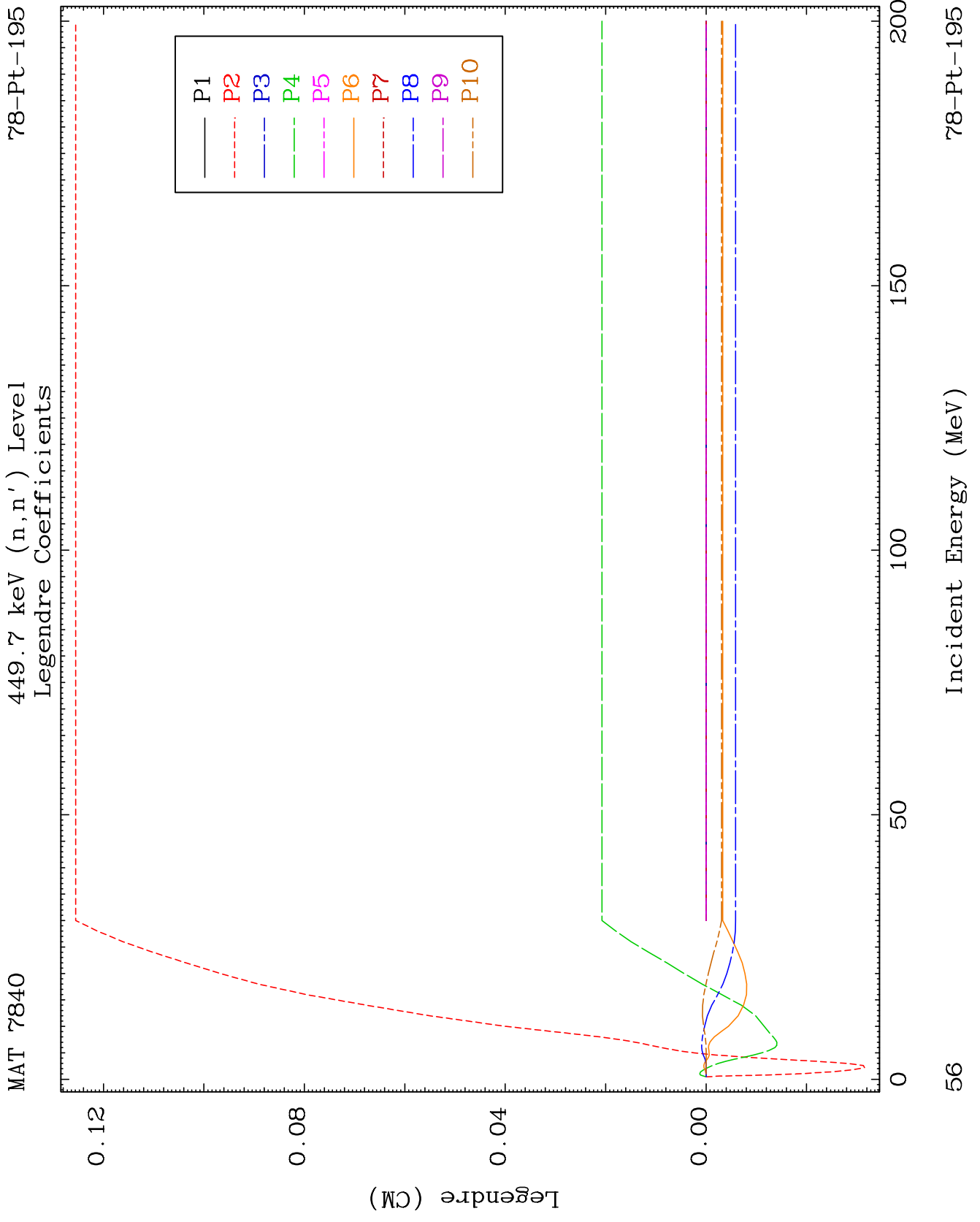


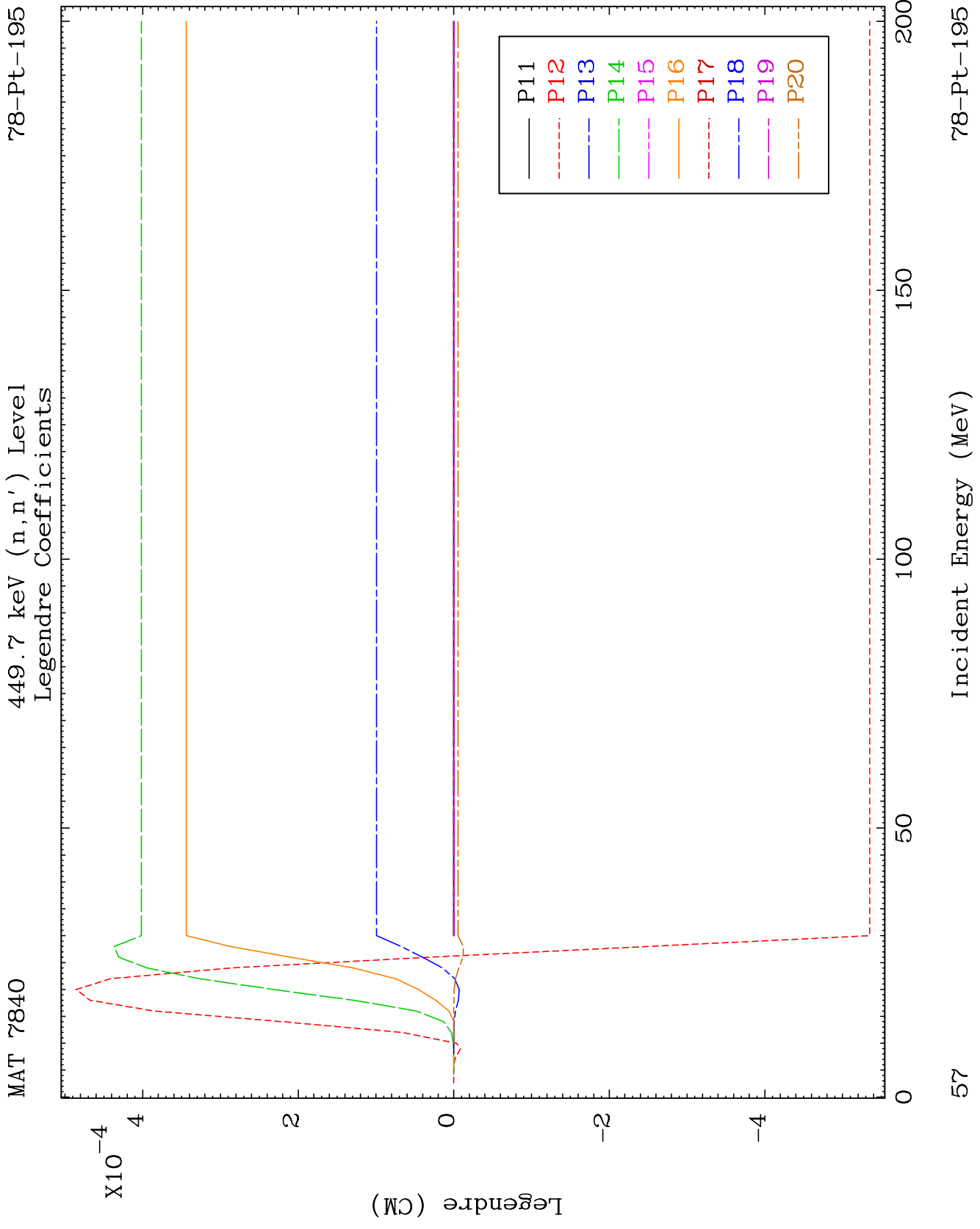


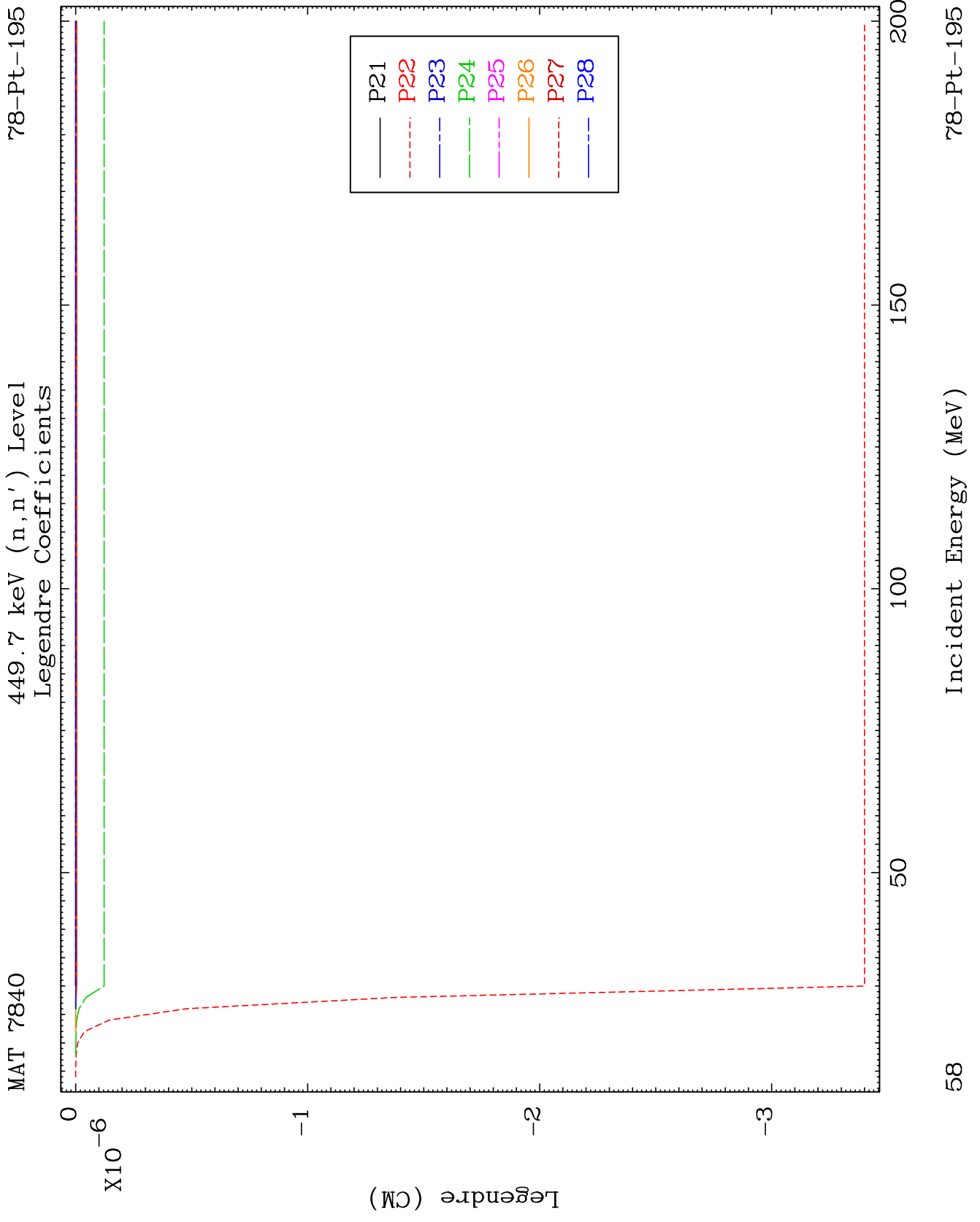


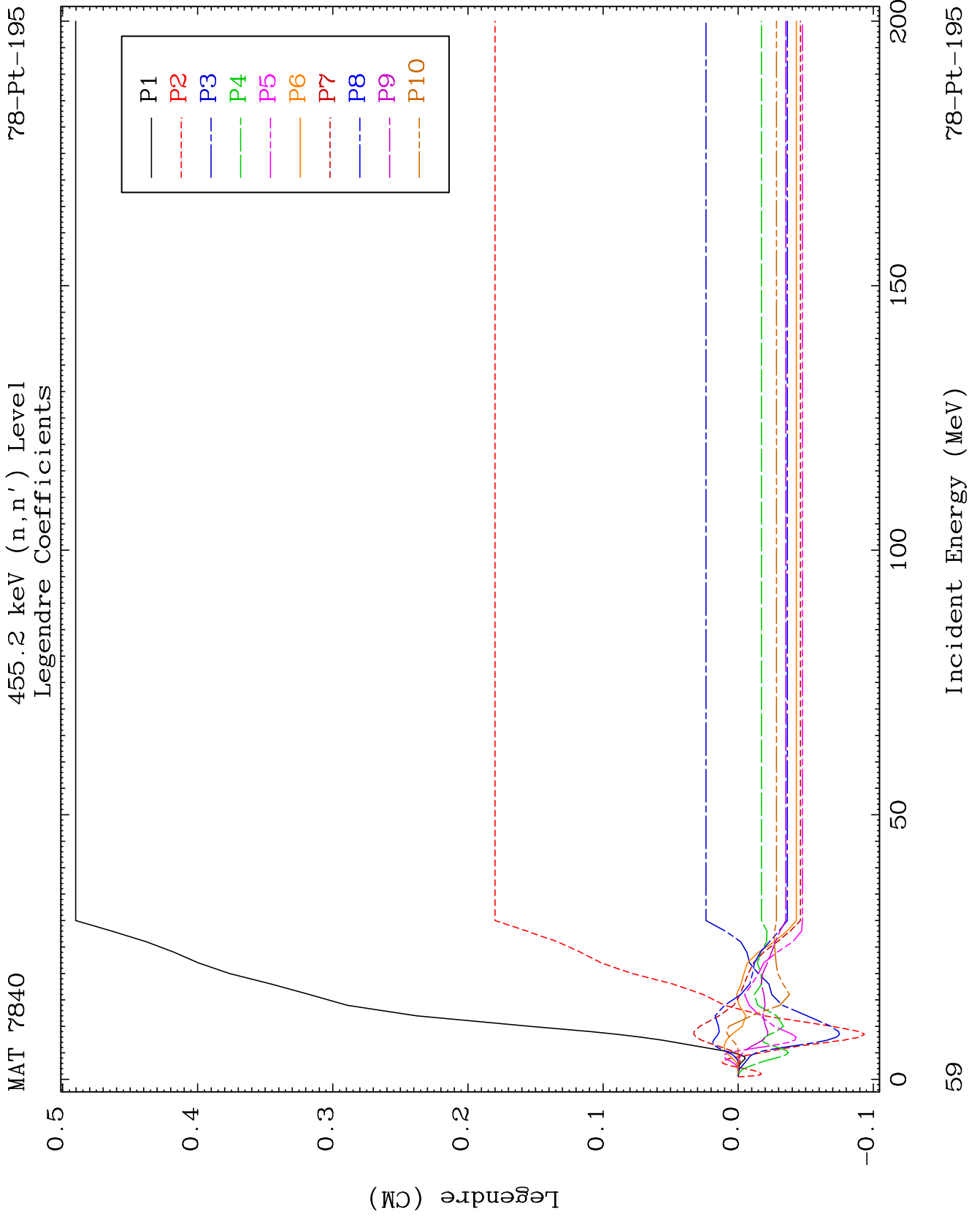


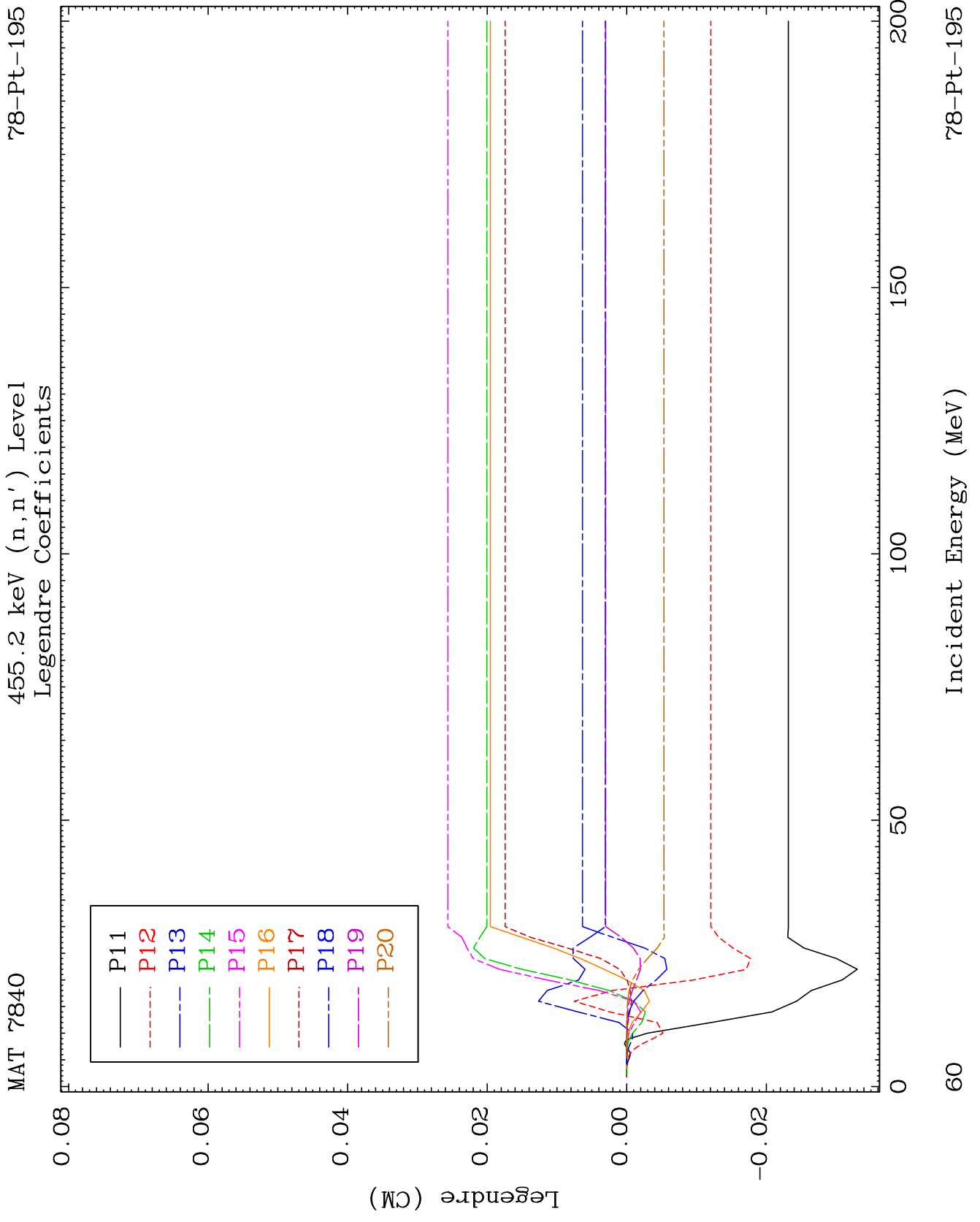


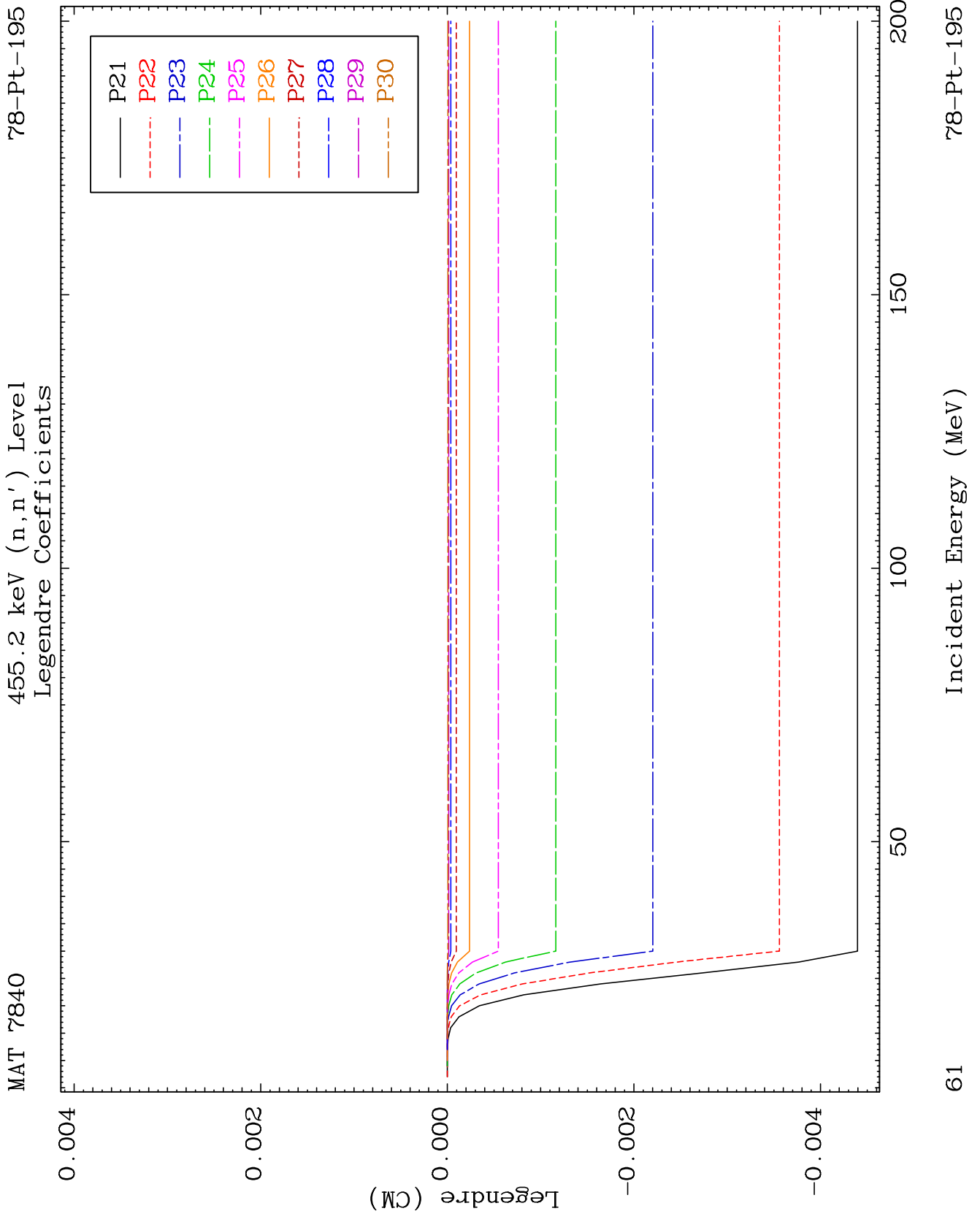


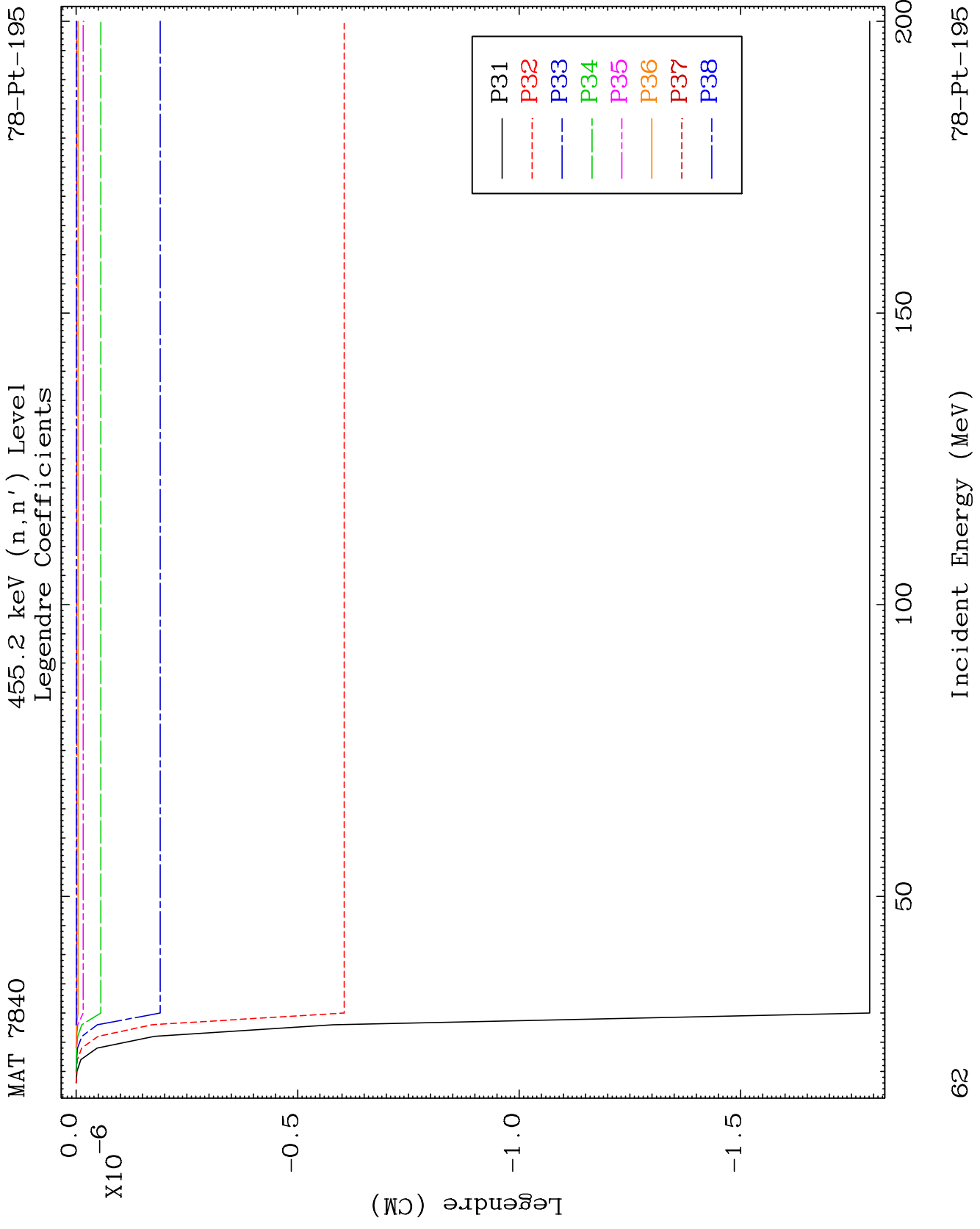


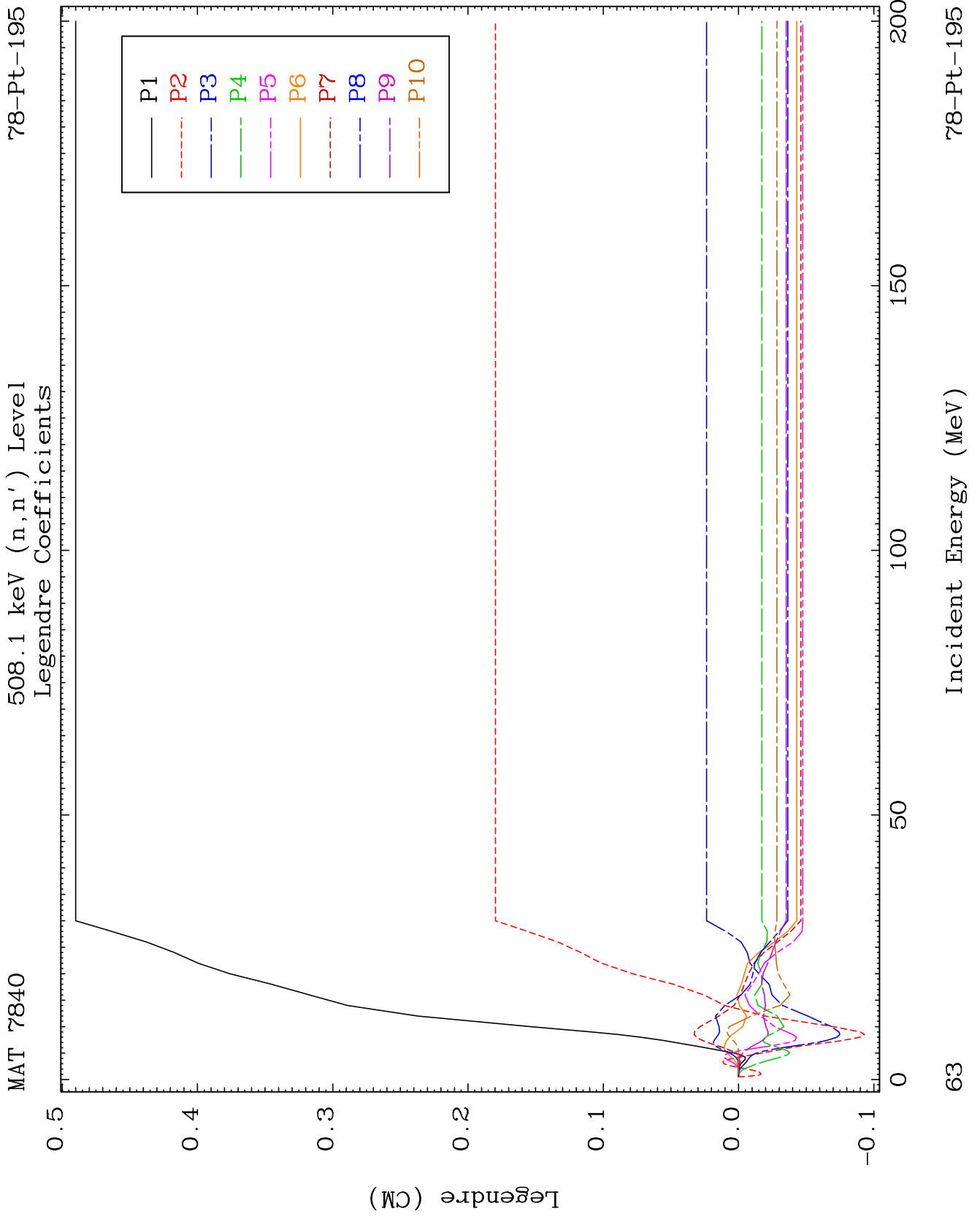




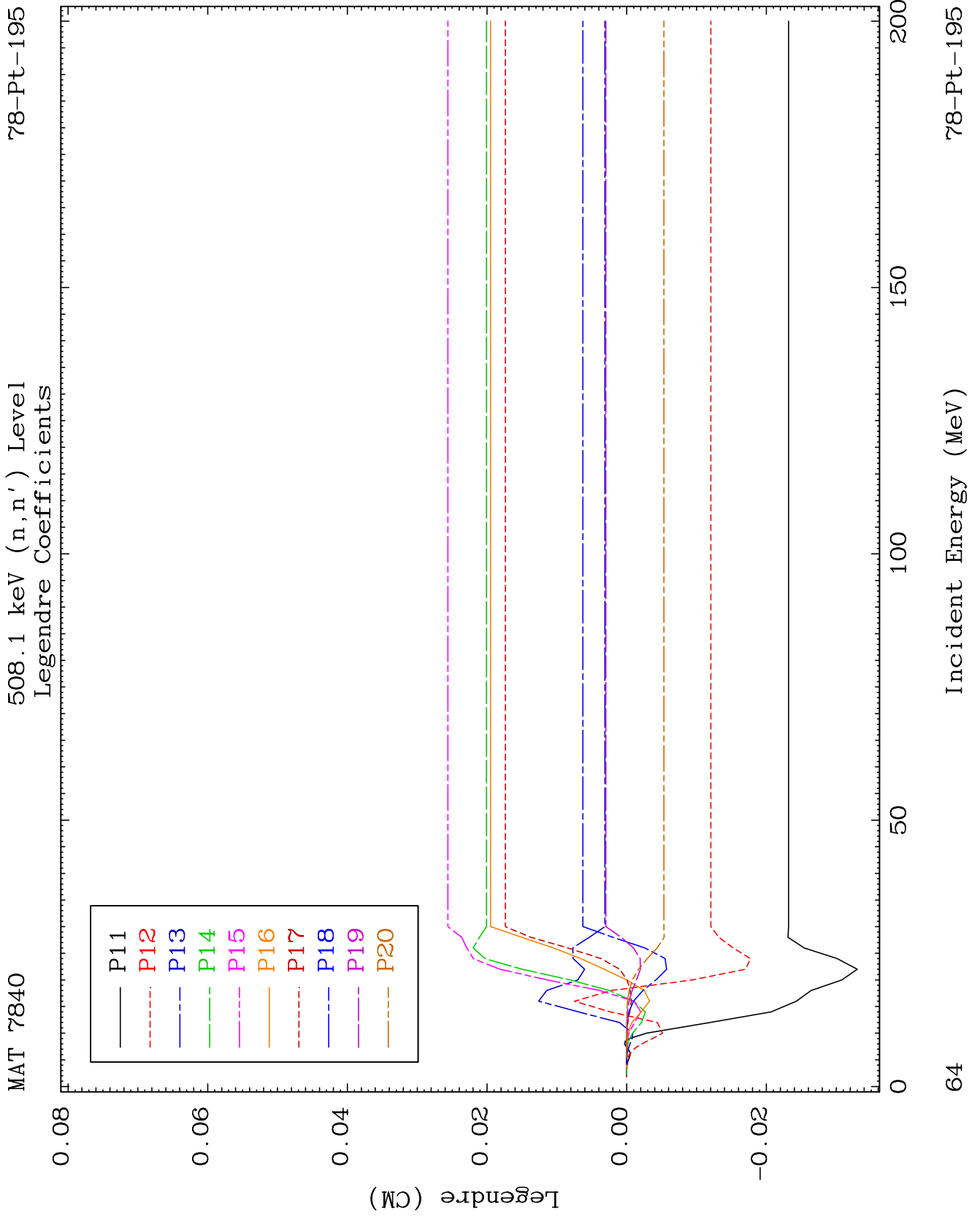


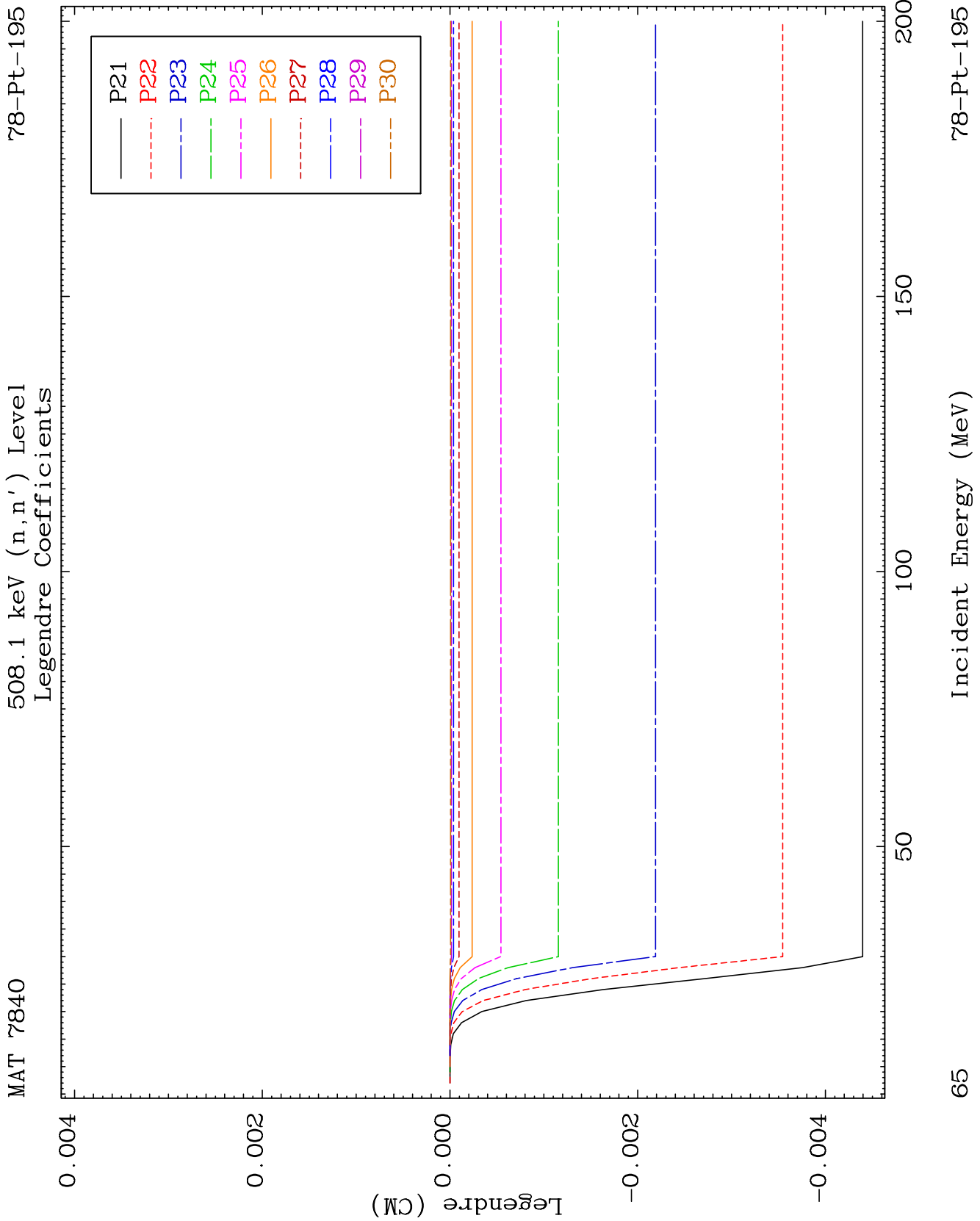


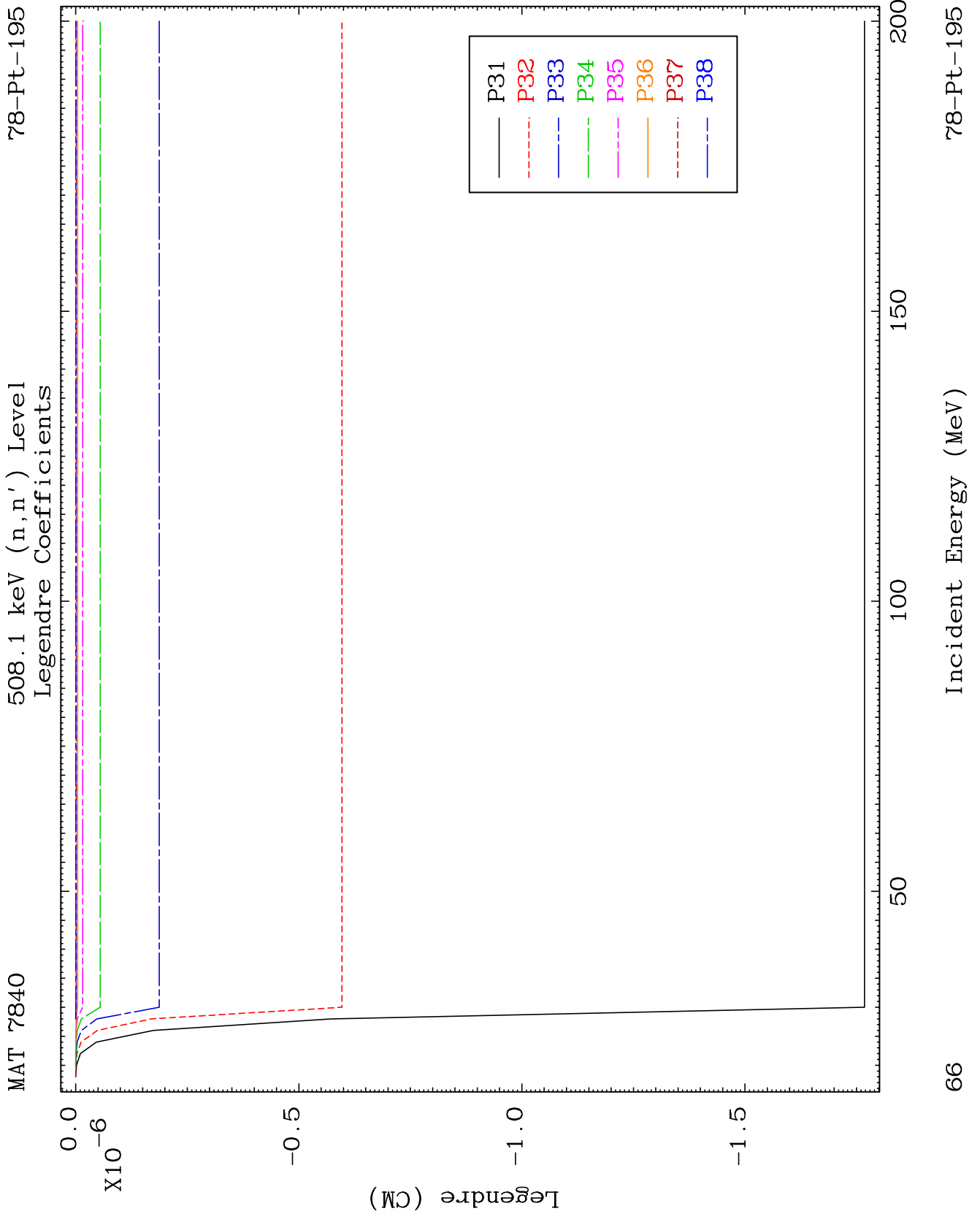








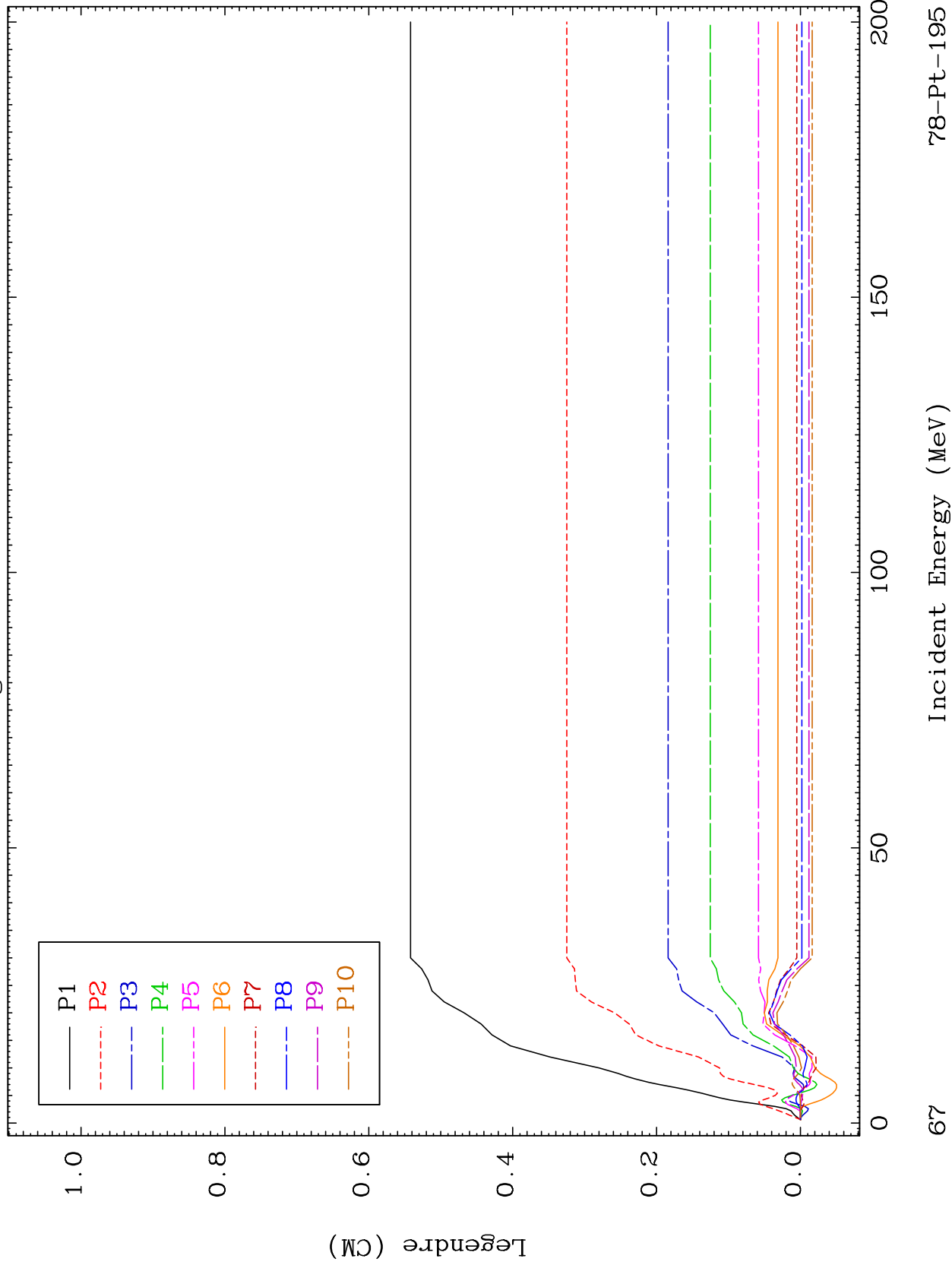




MAT 7840

524.8 keV (n,n') Level  
Legendre Coefficients

78-Pt-195



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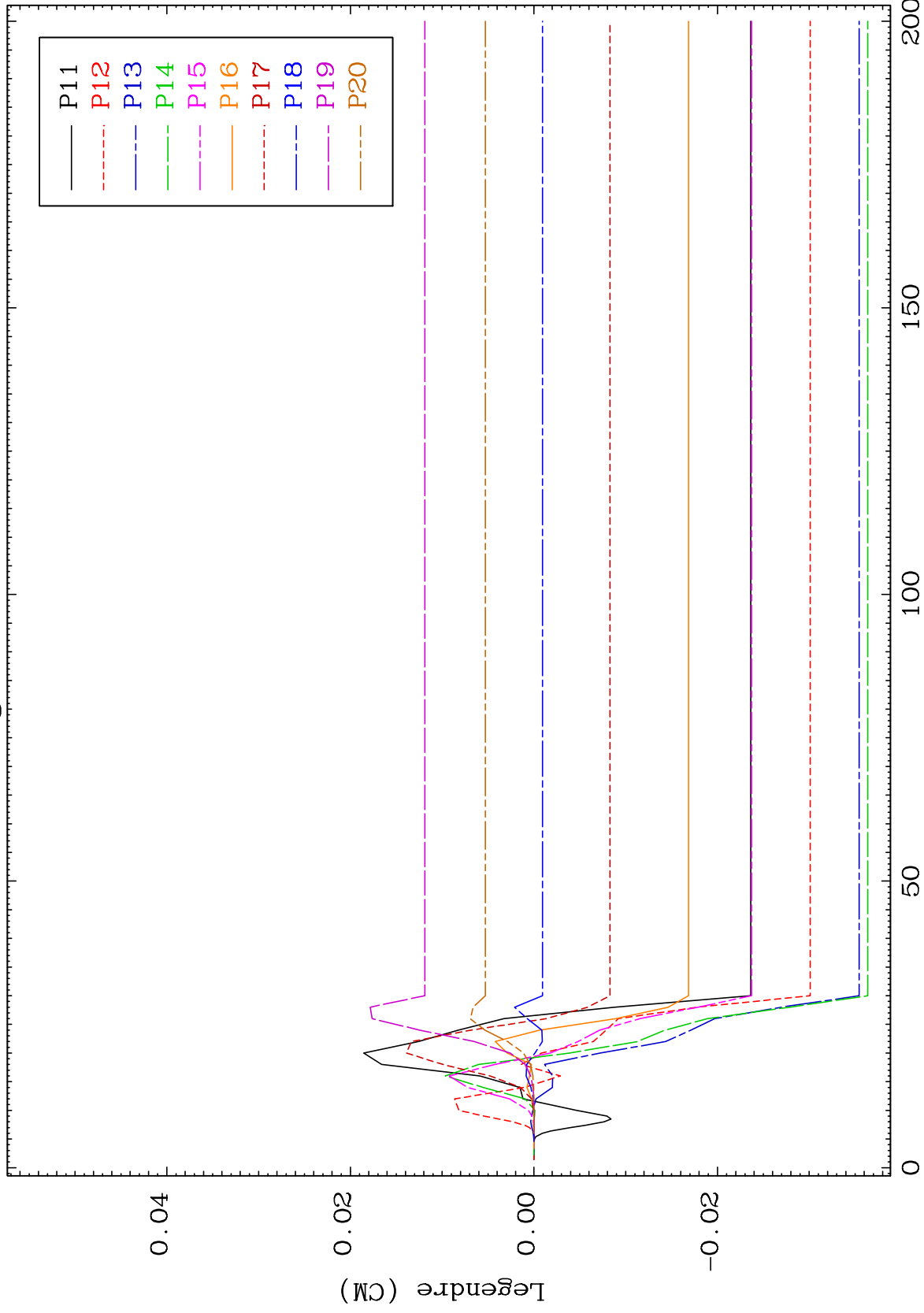
Incident Energy (MeV)

78-Pt-195

MAT 7840

524.8 keV (n,n') Level  
Legendre Coefficients

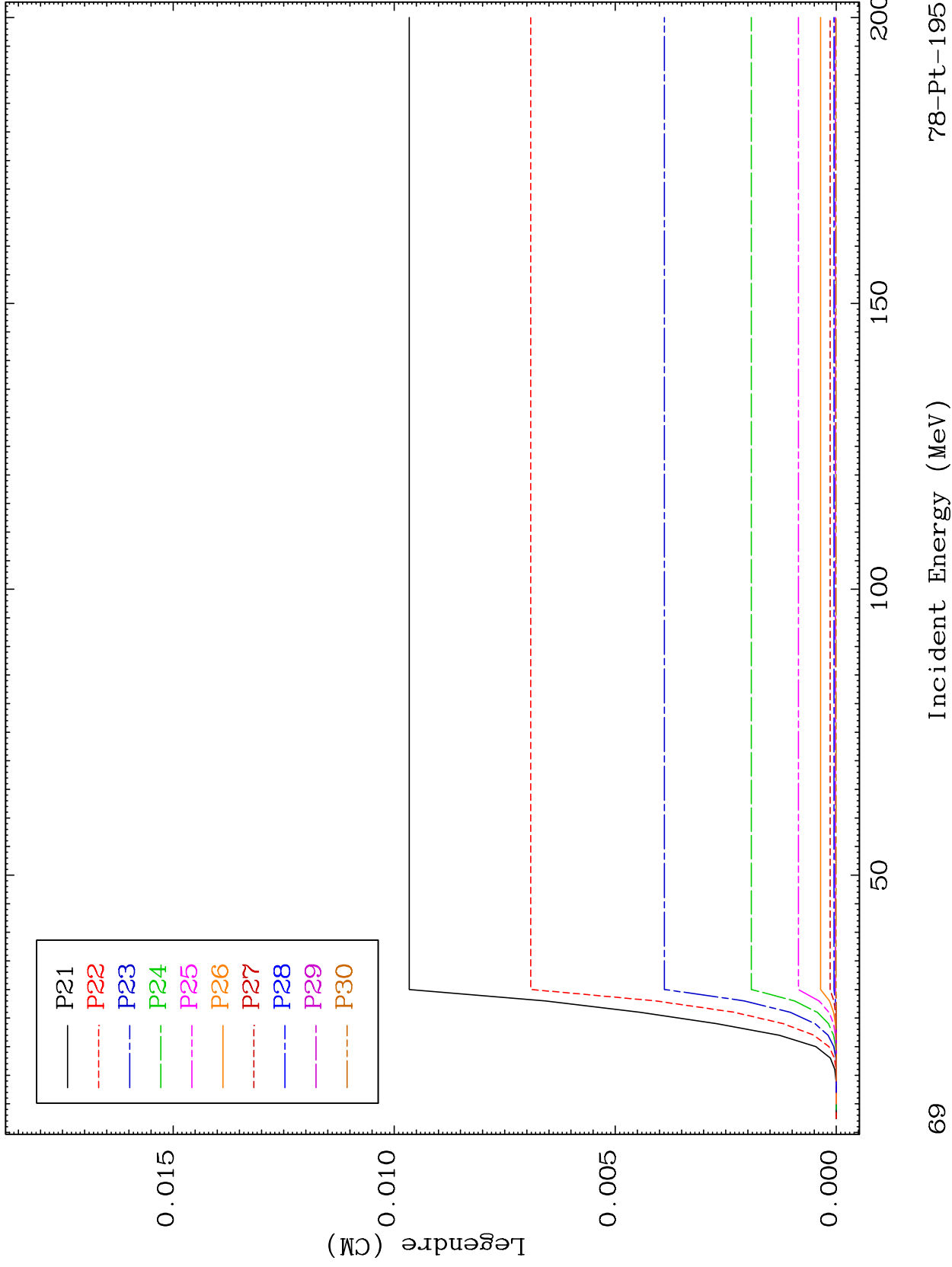
78-Pt-195



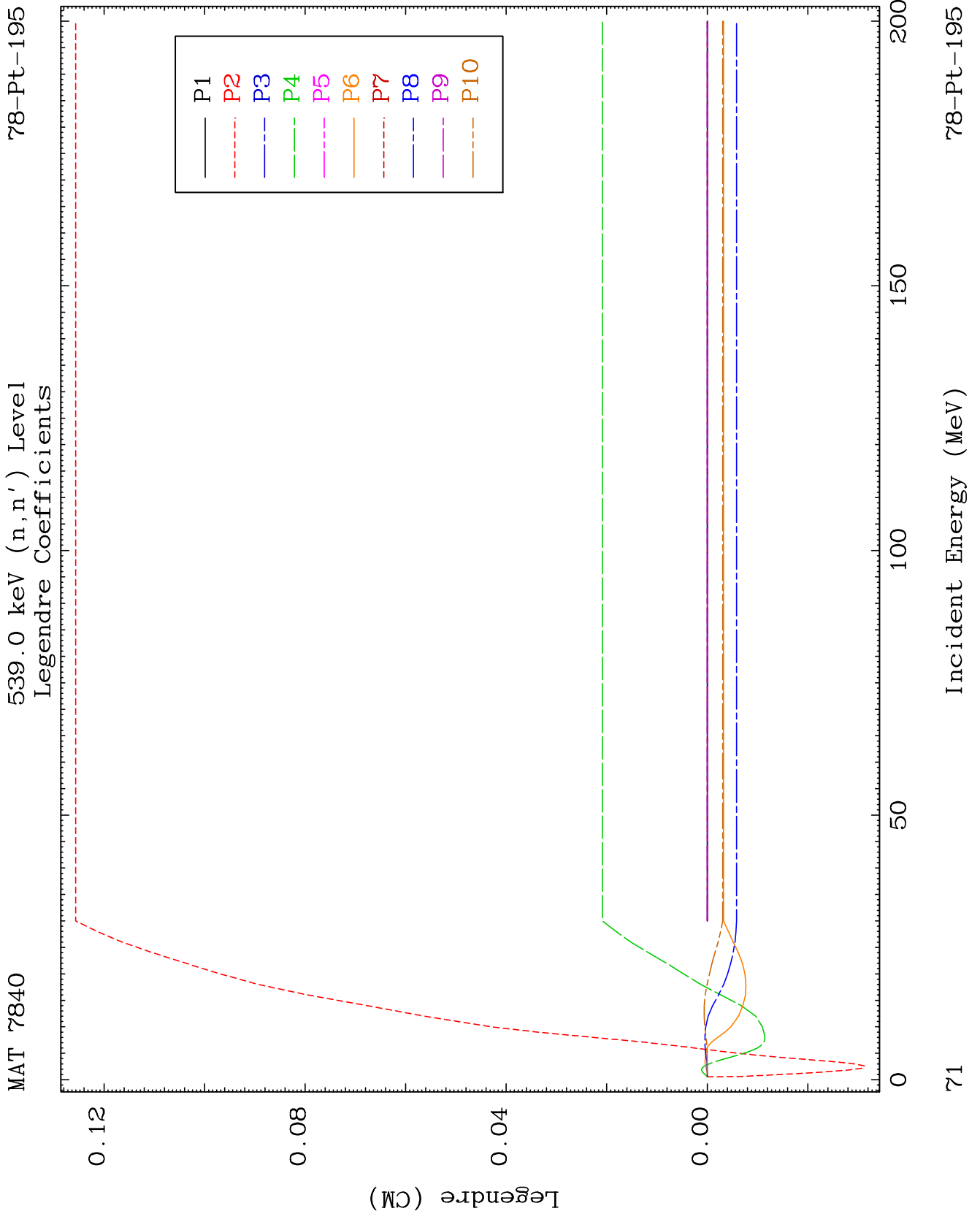
68

Incident Energy (MeV)

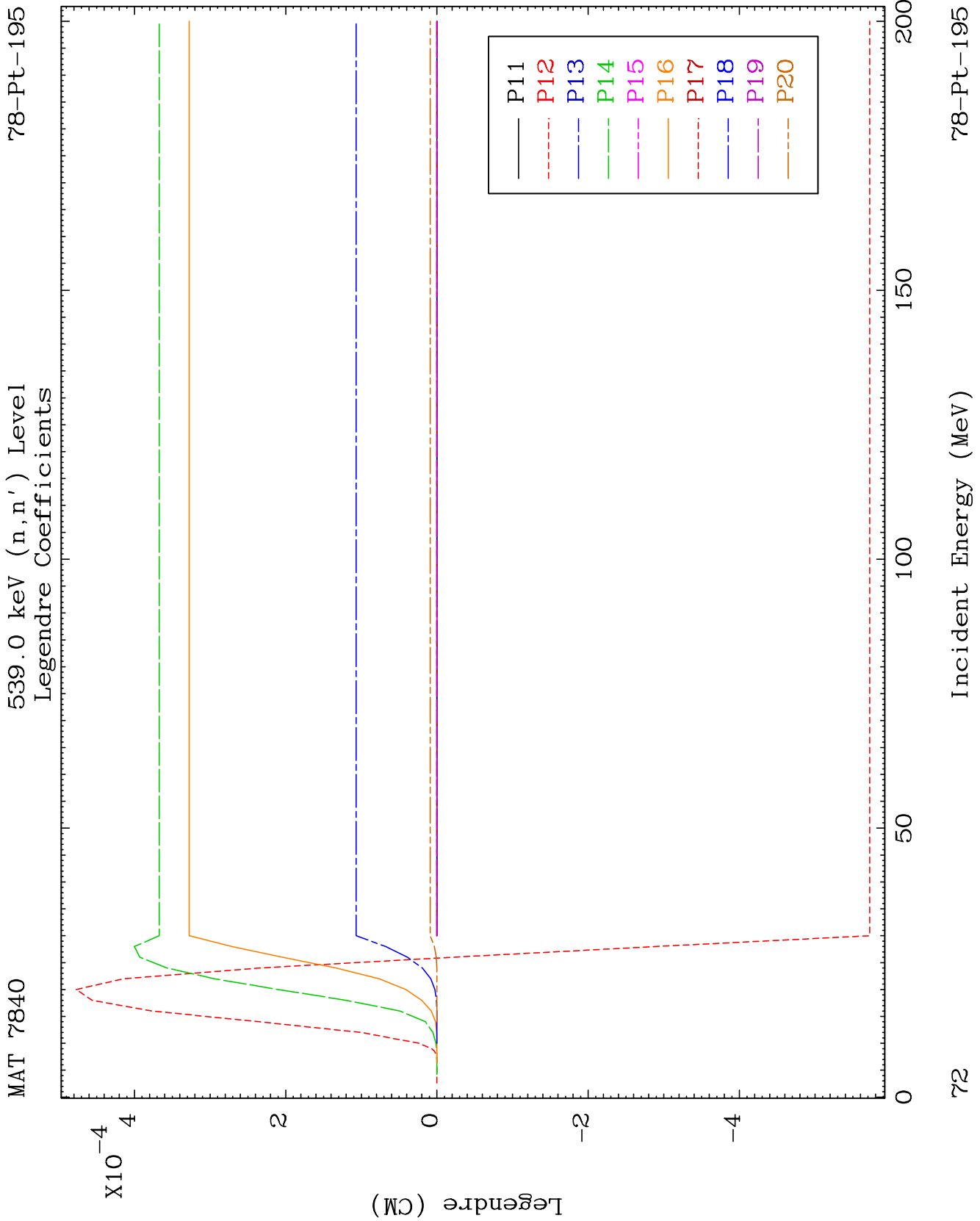
78-Pt-195

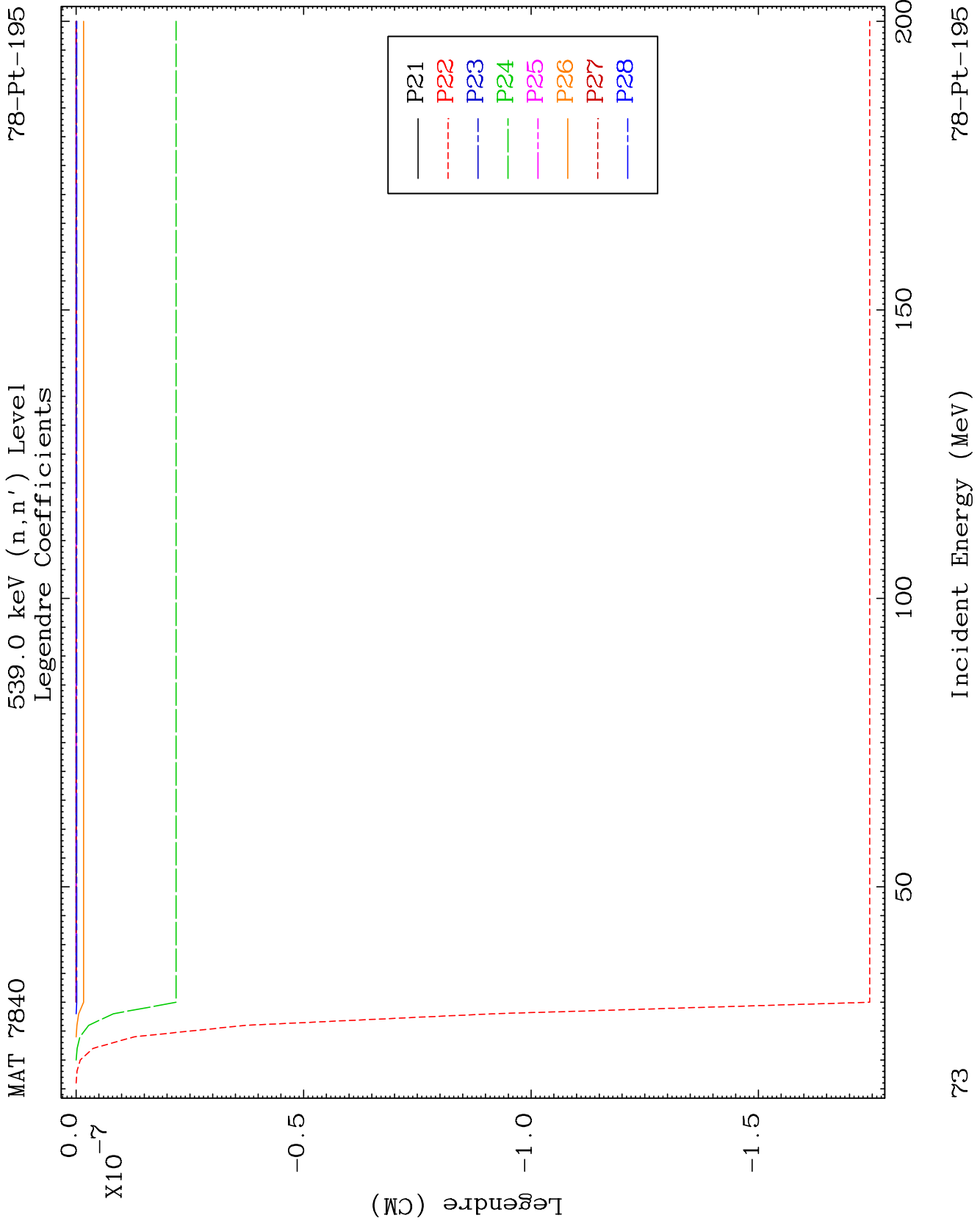








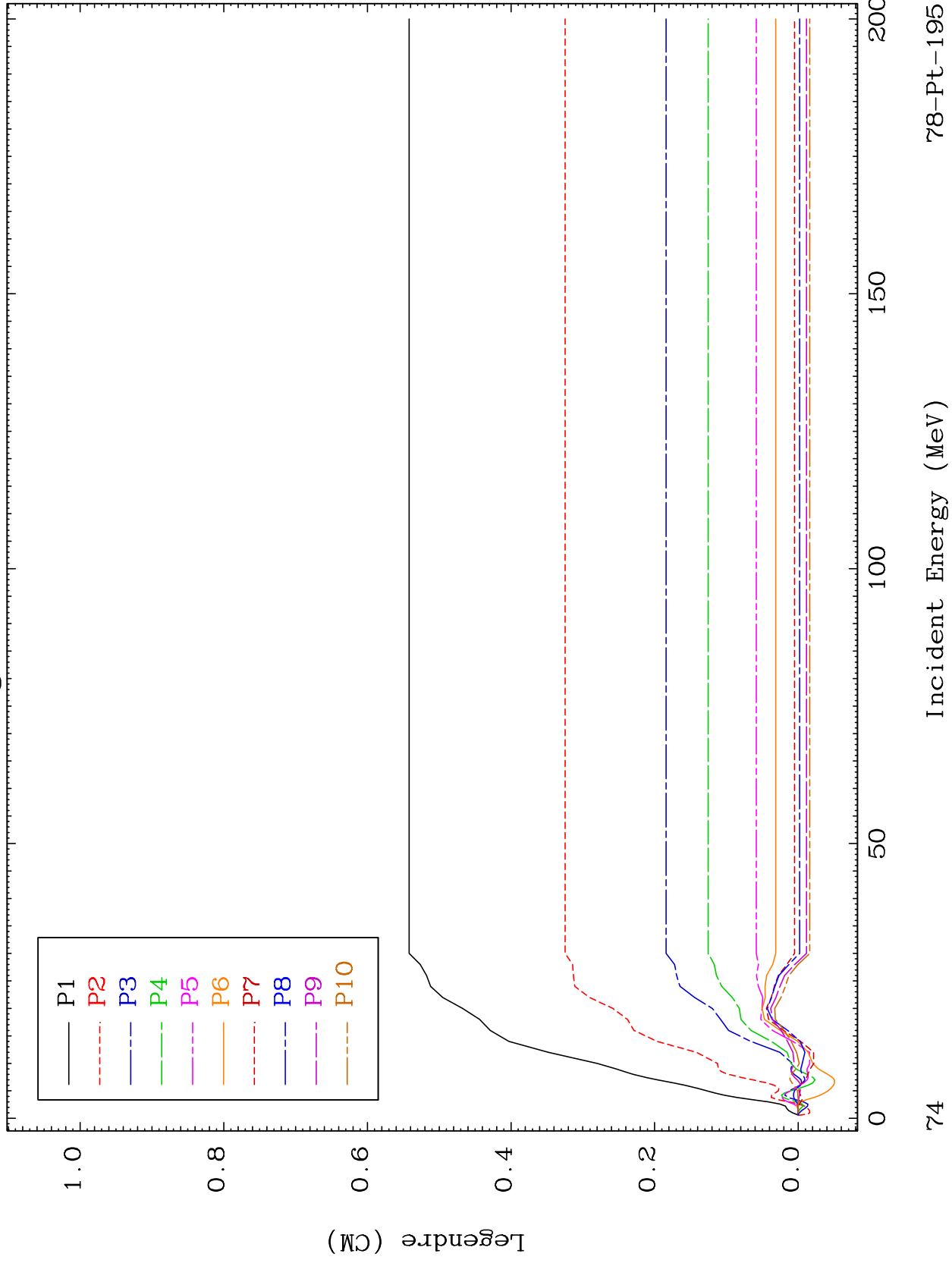




MAT 7840

544.2 keV (n,n') Level  
Legendre Coefficients

78-Pt-195



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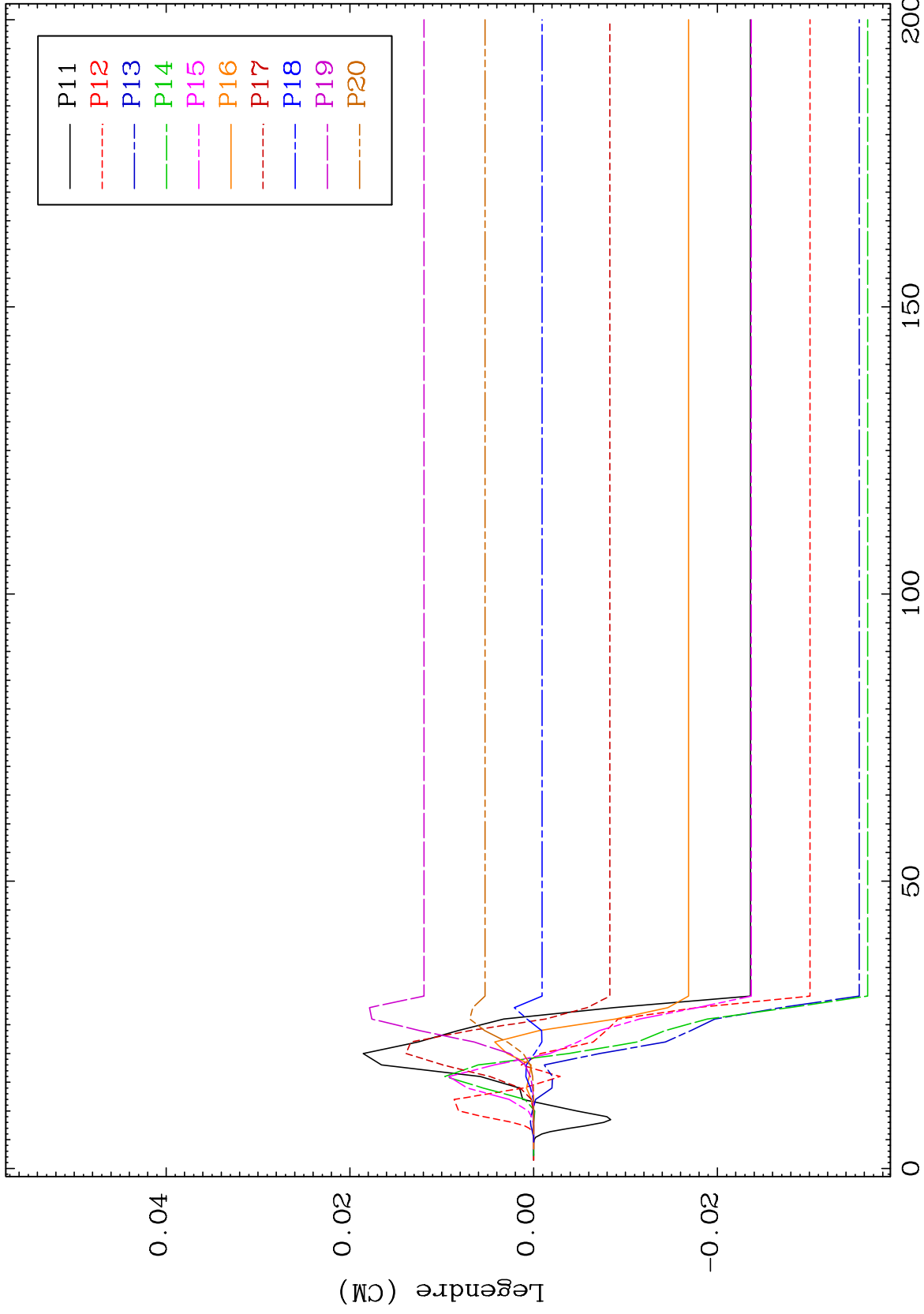
Incident Energy (MeV)

78-Pt-195

MAT 7840

544.2 keV (n, n') Level  
Legendre Coefficients

78-Pt-195



75

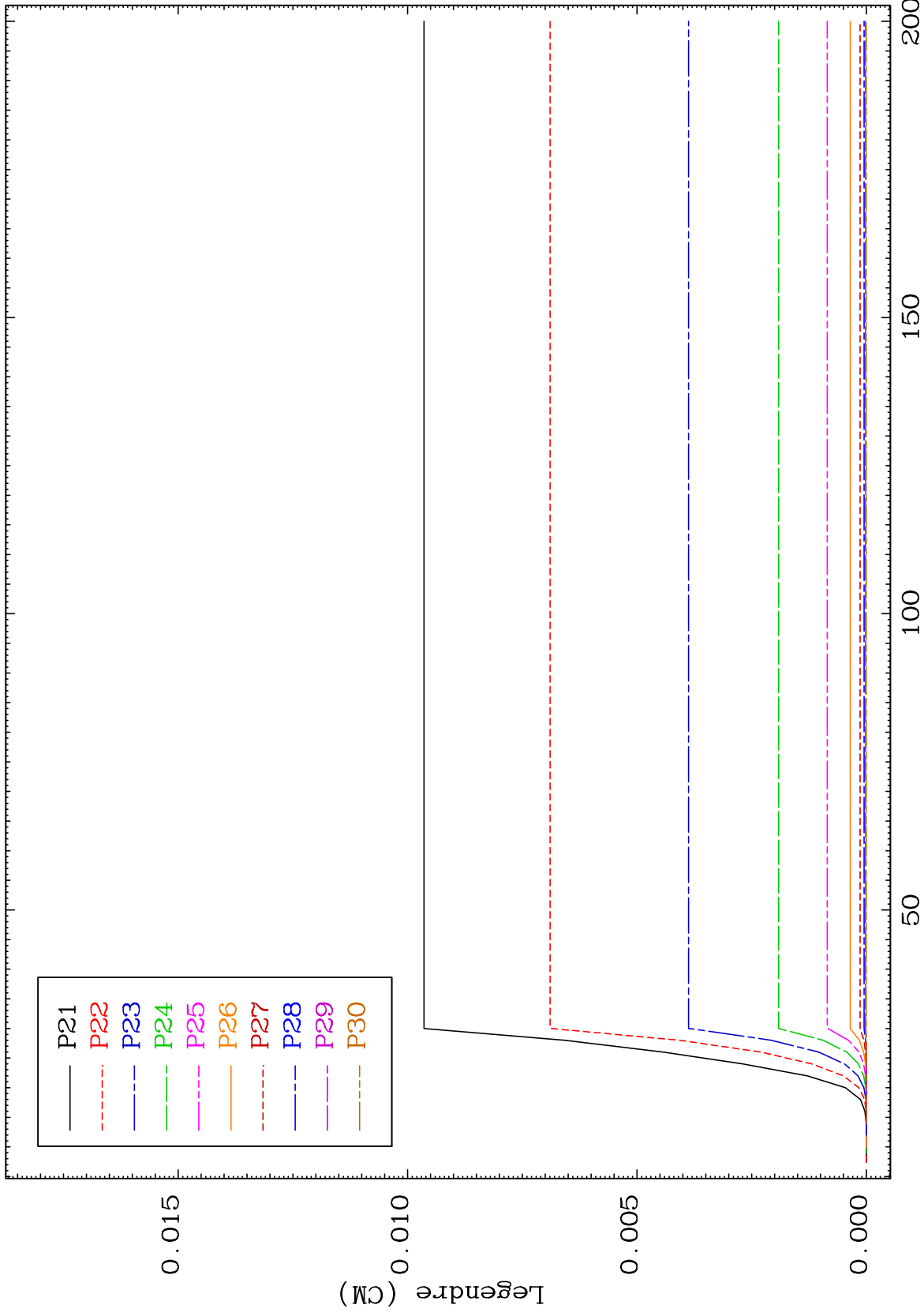
Incident Energy (MeV)

78-Pt-195

MAT 7840

544.2 keV (n,n') Level  
Legendre Coefficients

78-Pt-195



76

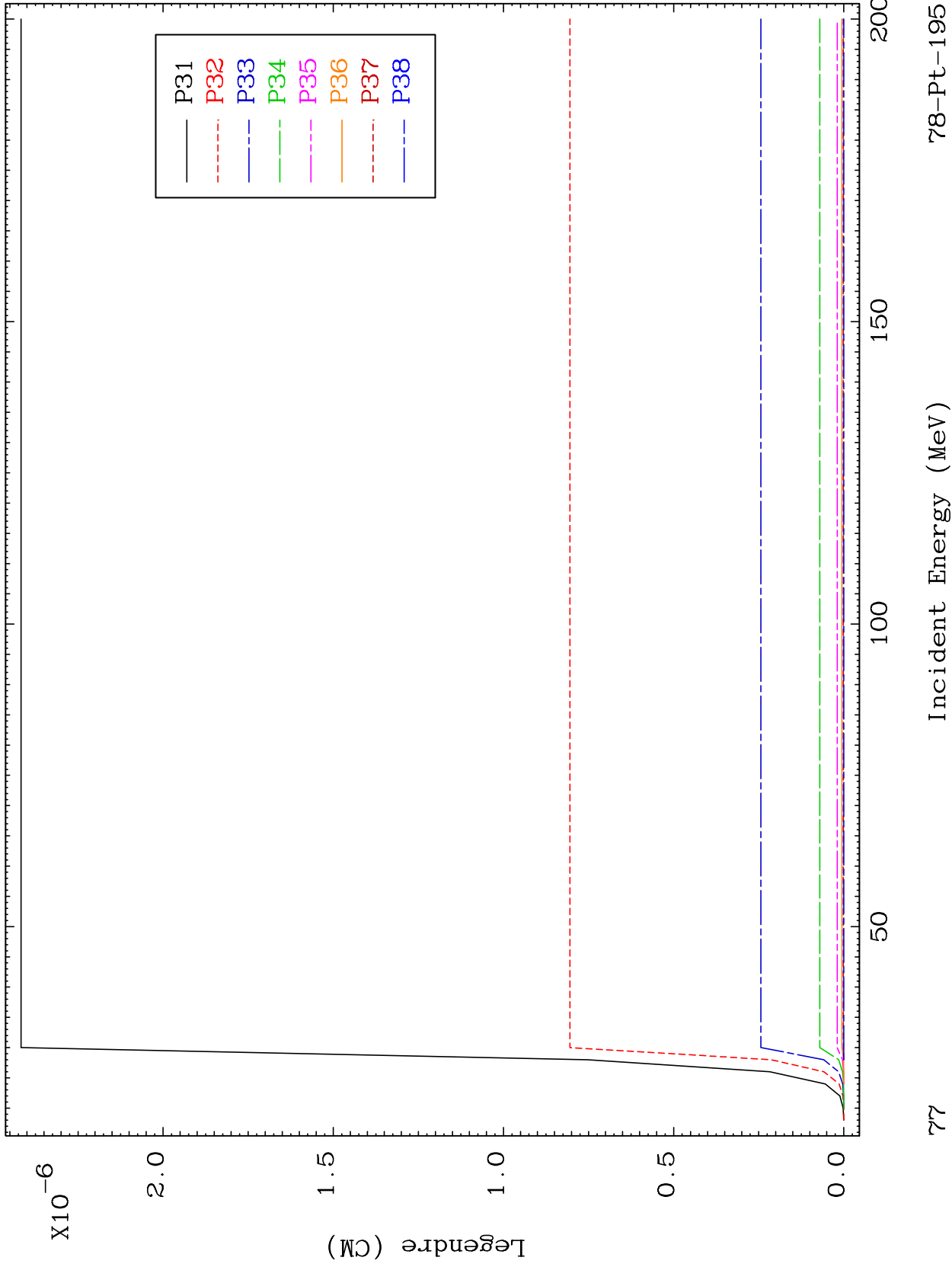
Incident Energy (MeV)

78-Pt-195

MAT 7840

544.2 keV (n, n') Level  
Legendre Coefficients

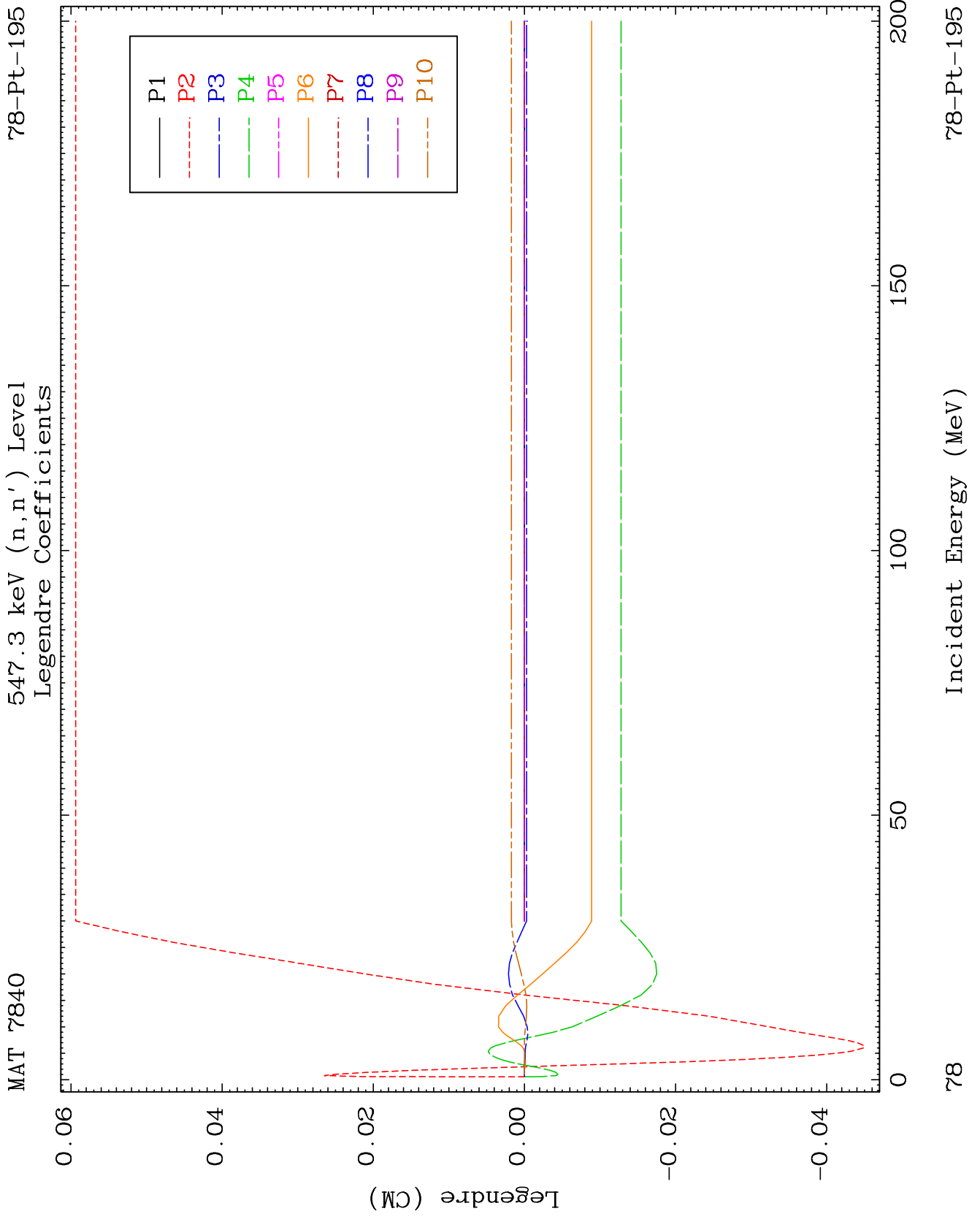
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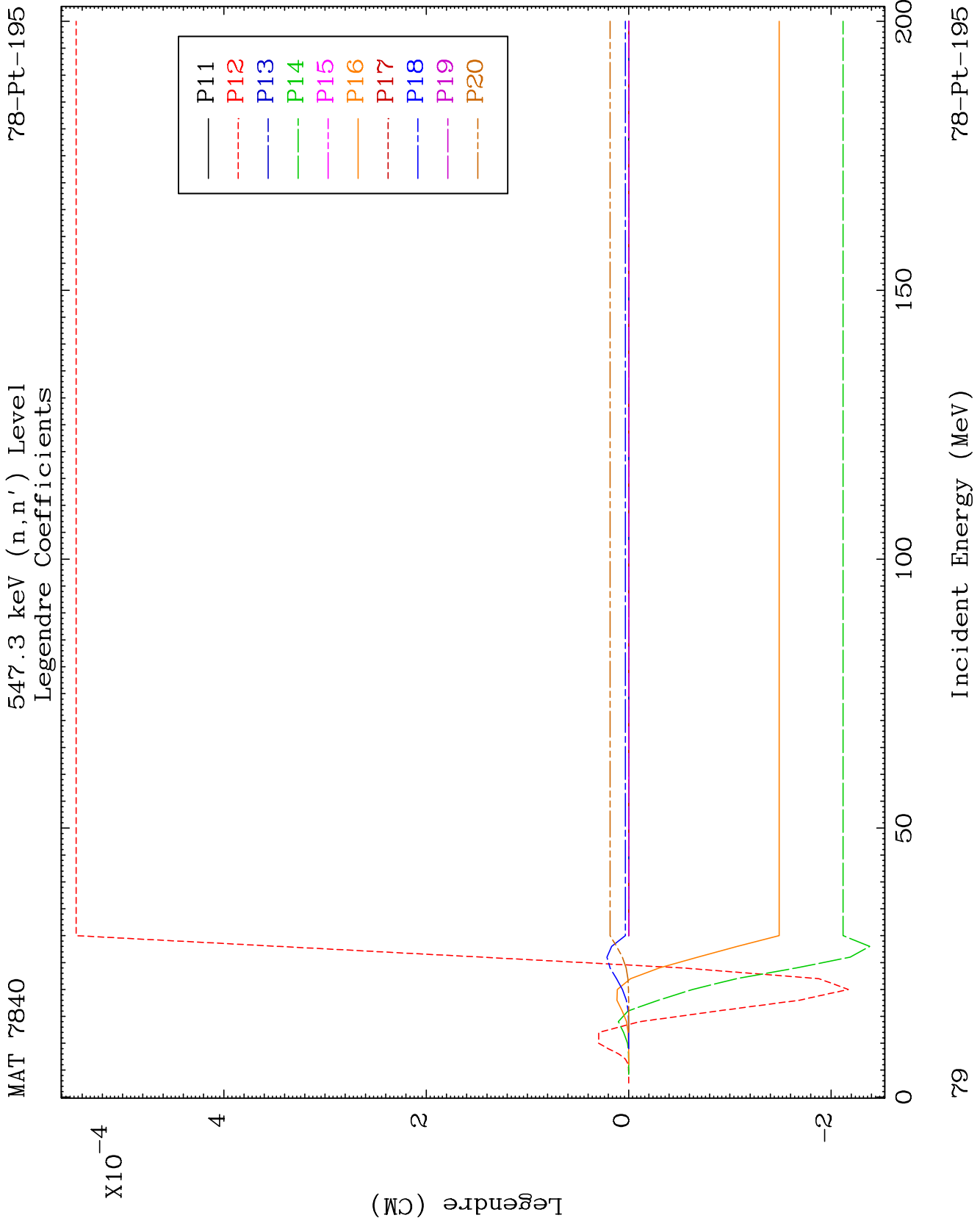


77

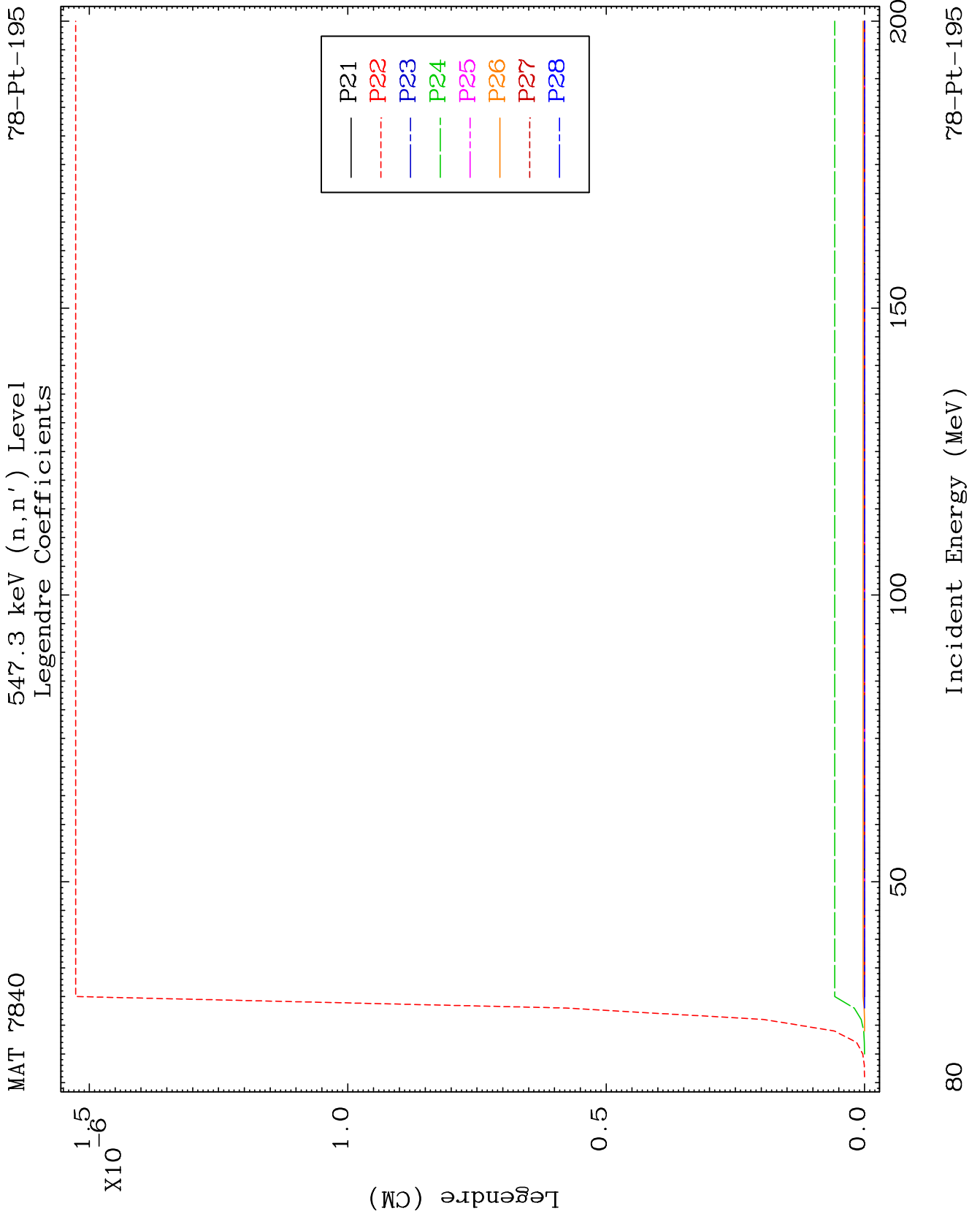
Incident Energy (MeV)

78-Pt-195

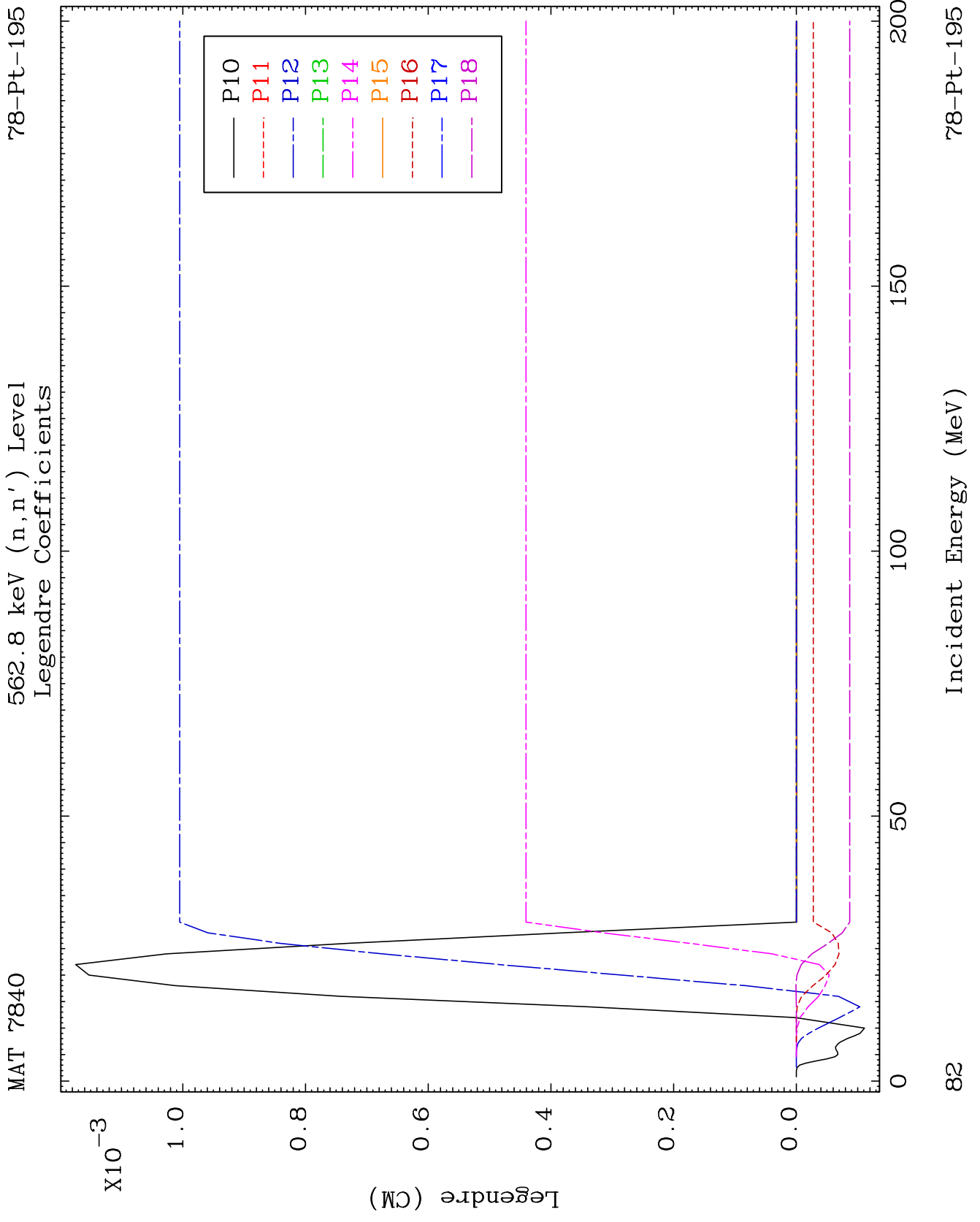


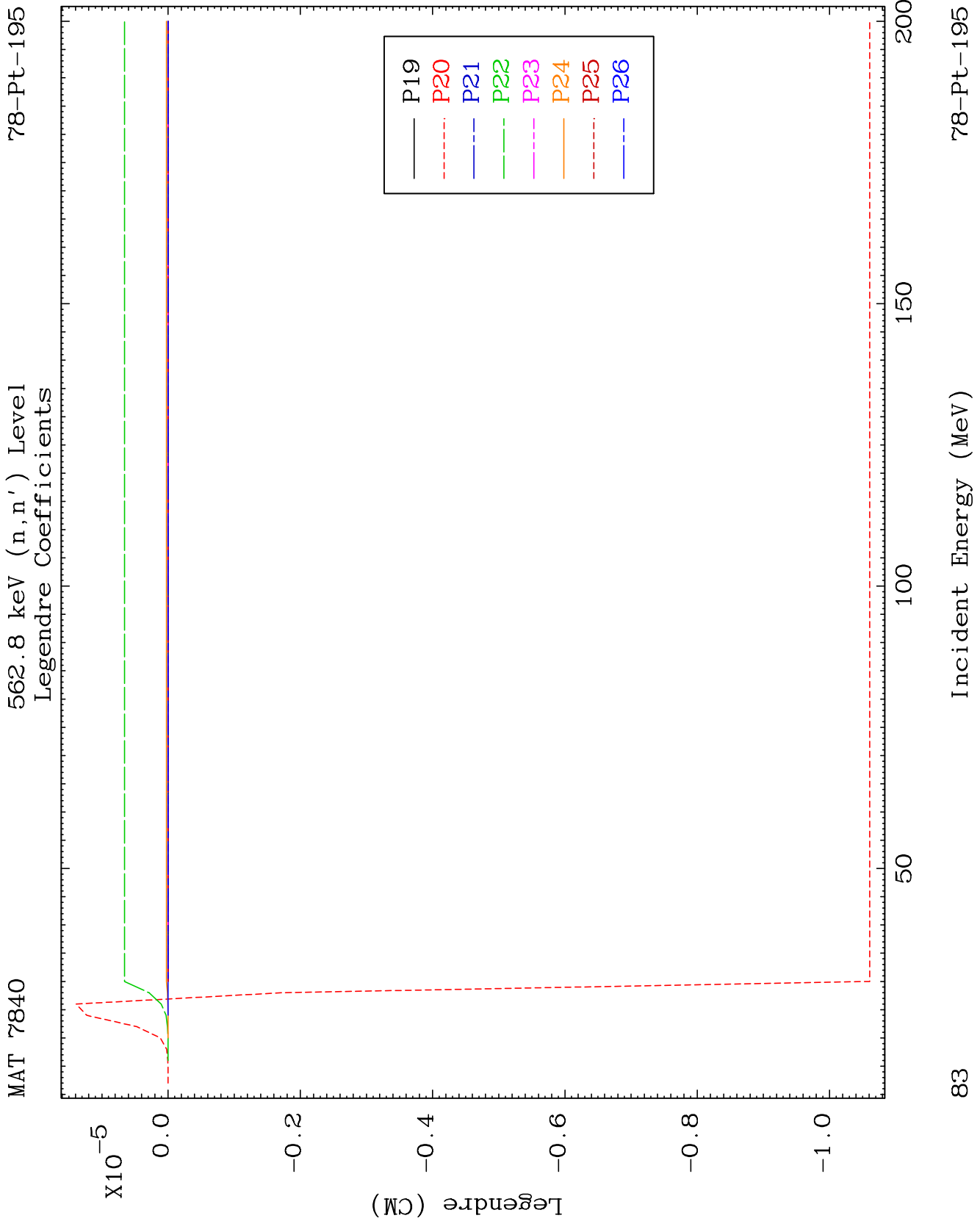








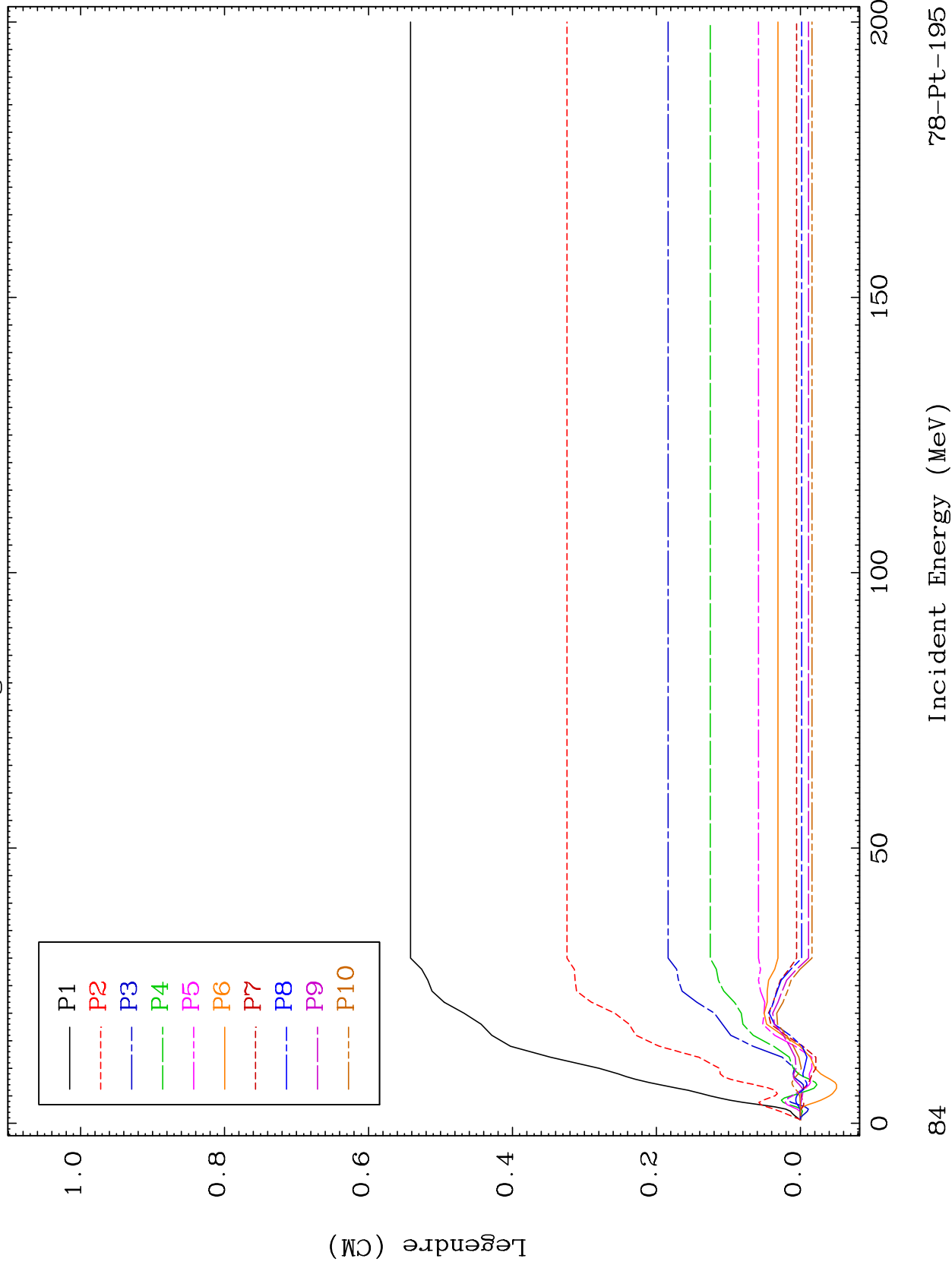




MAT 7840

590.9 keV (n,n') Level  
Legendre Coefficients

78-Pt-195

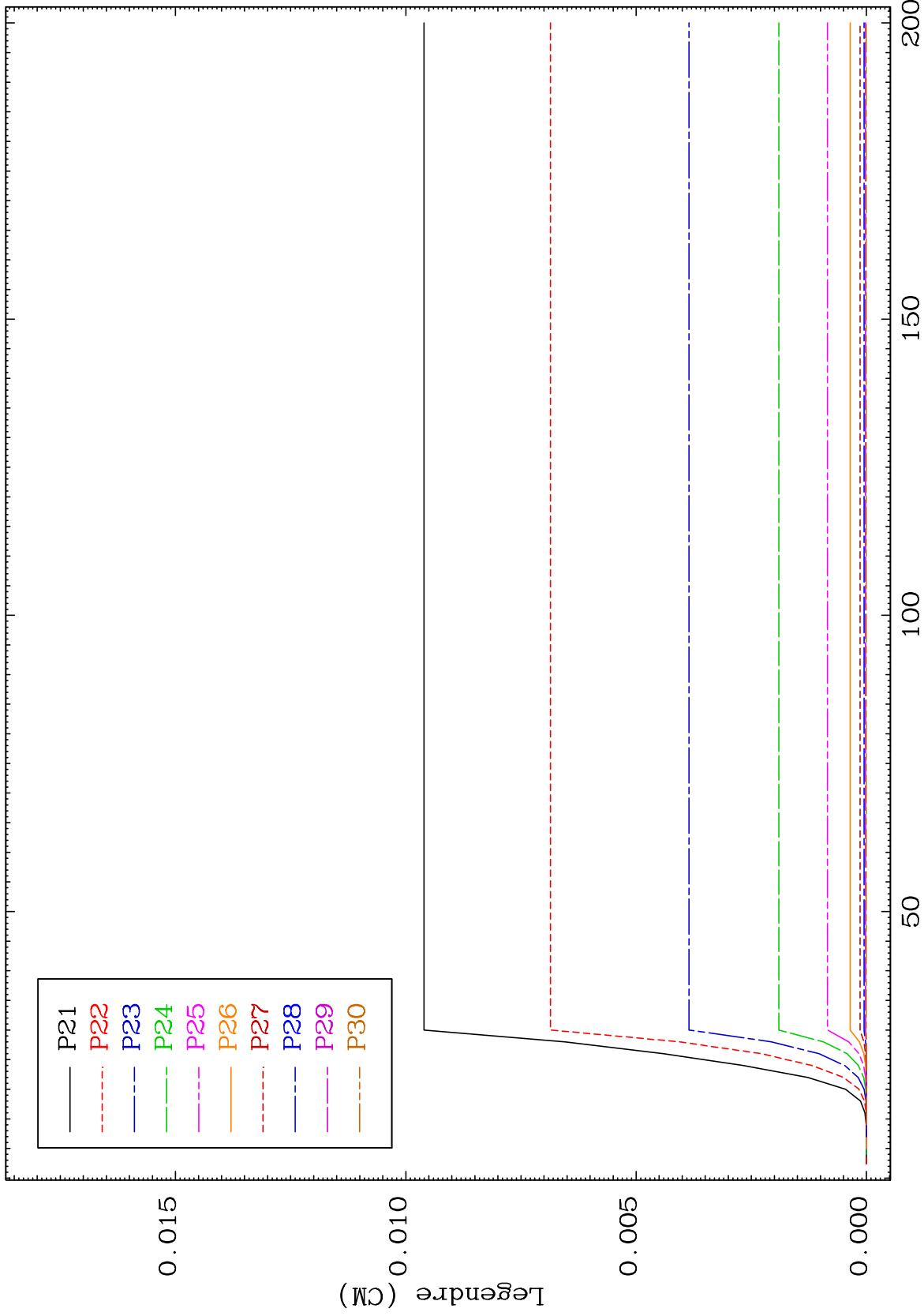


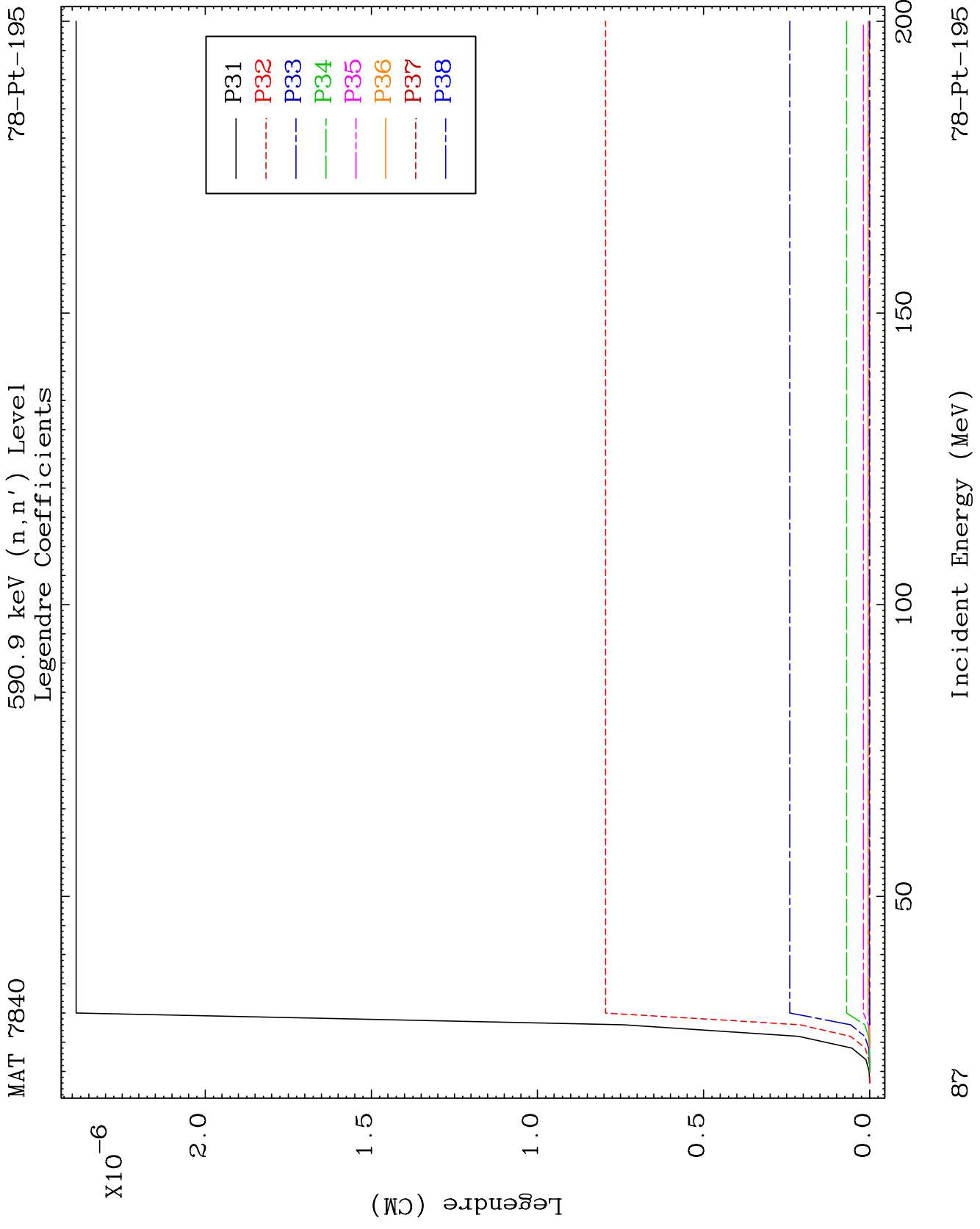
84

Incident Energy (MeV)

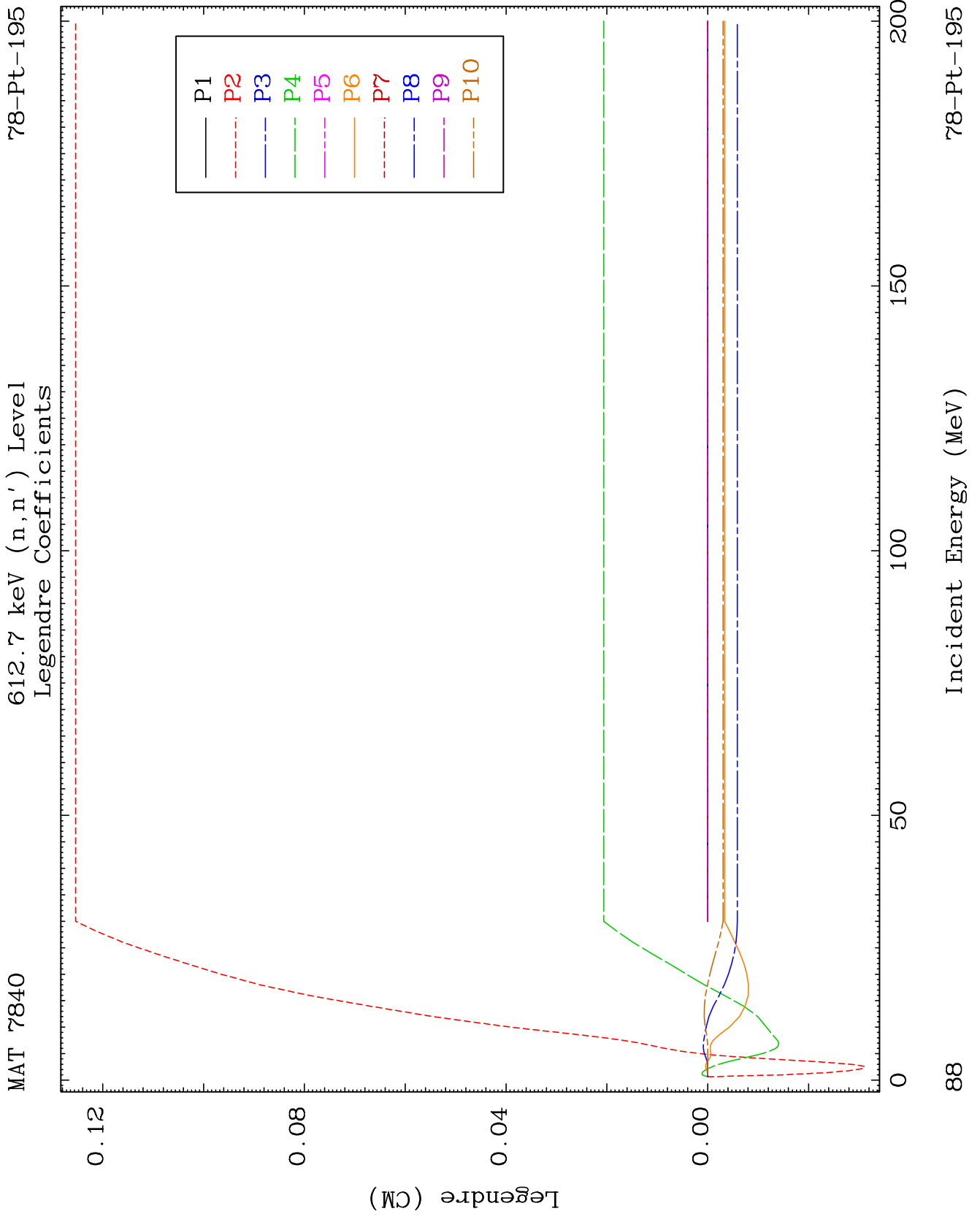
78-Pt-195

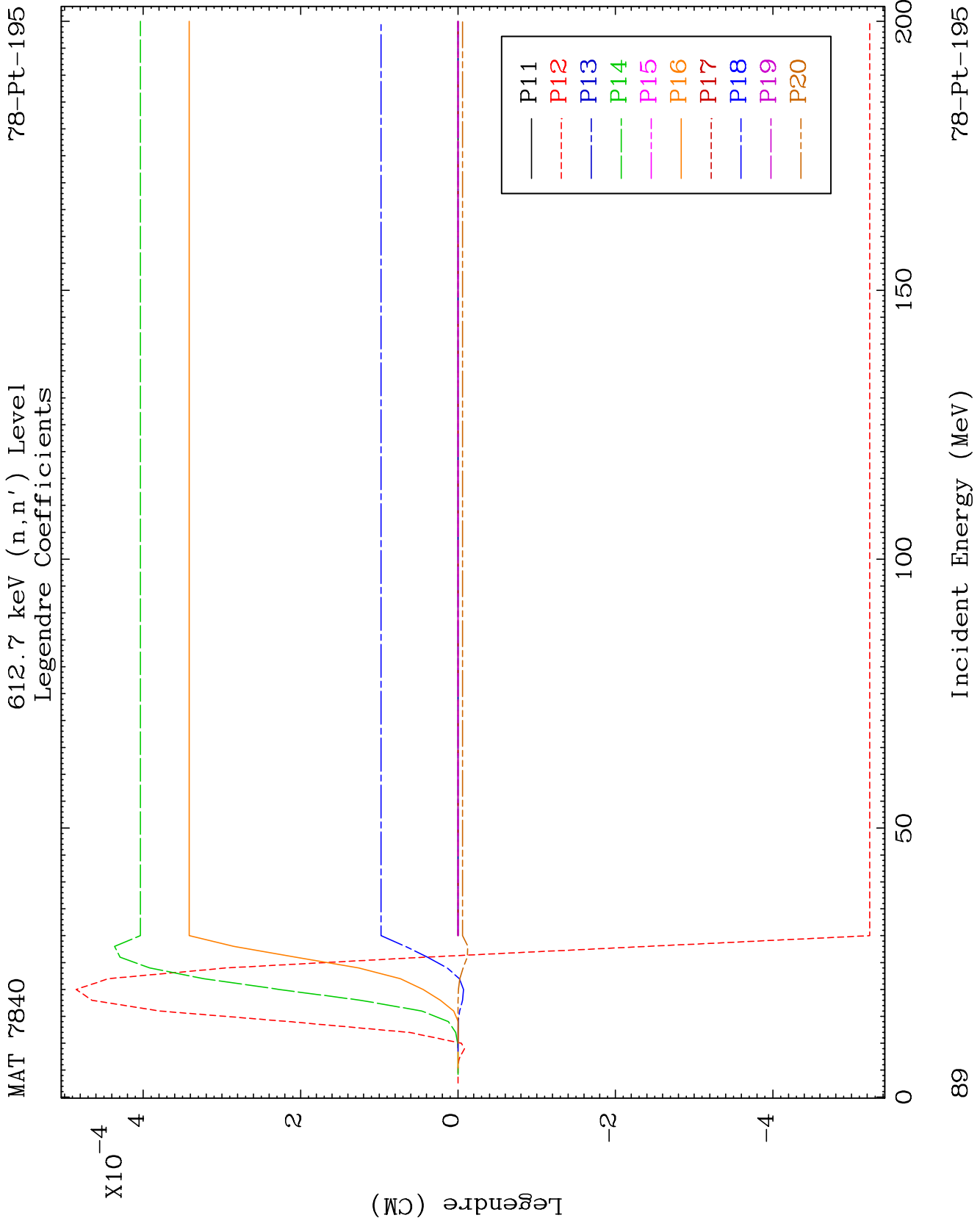


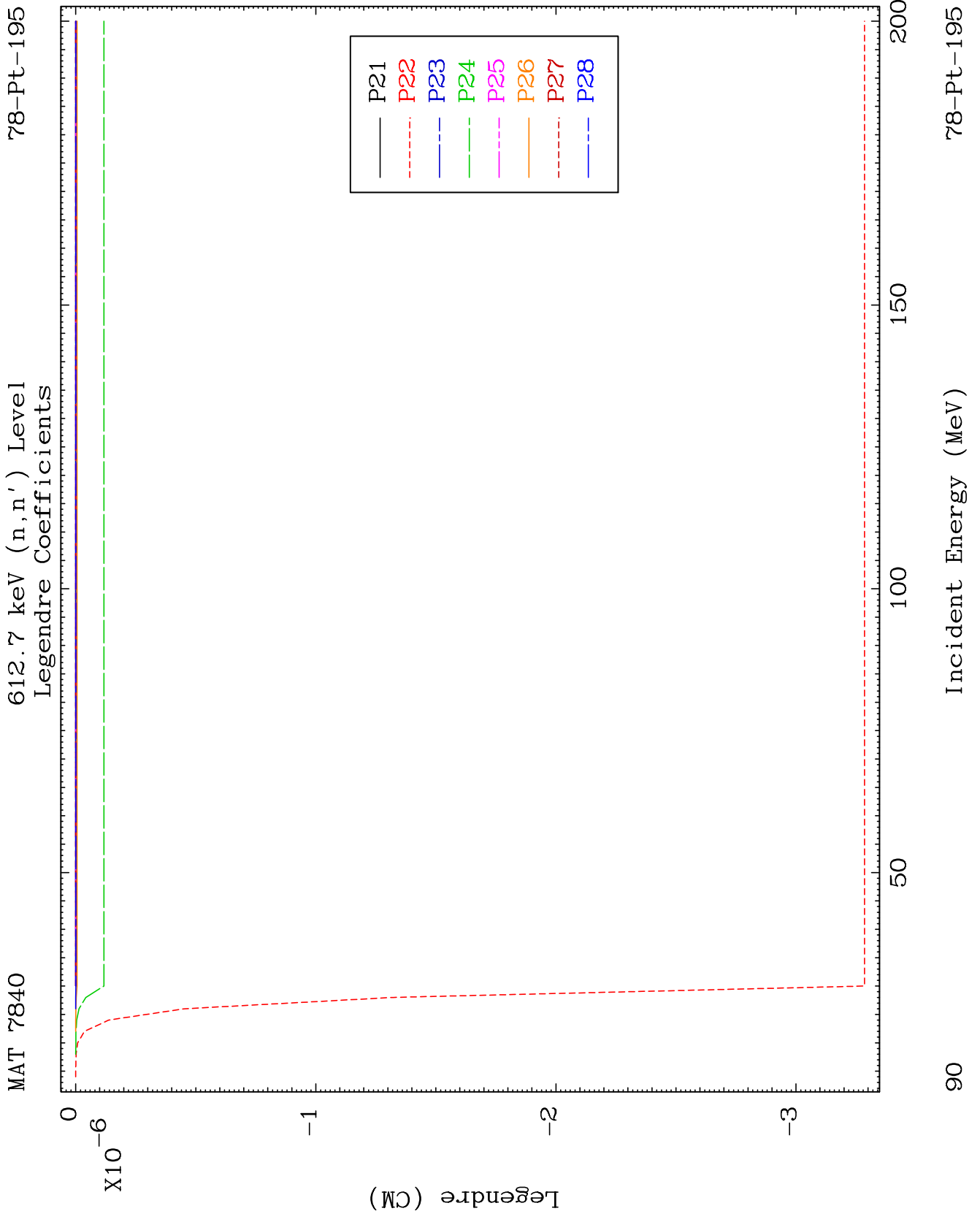


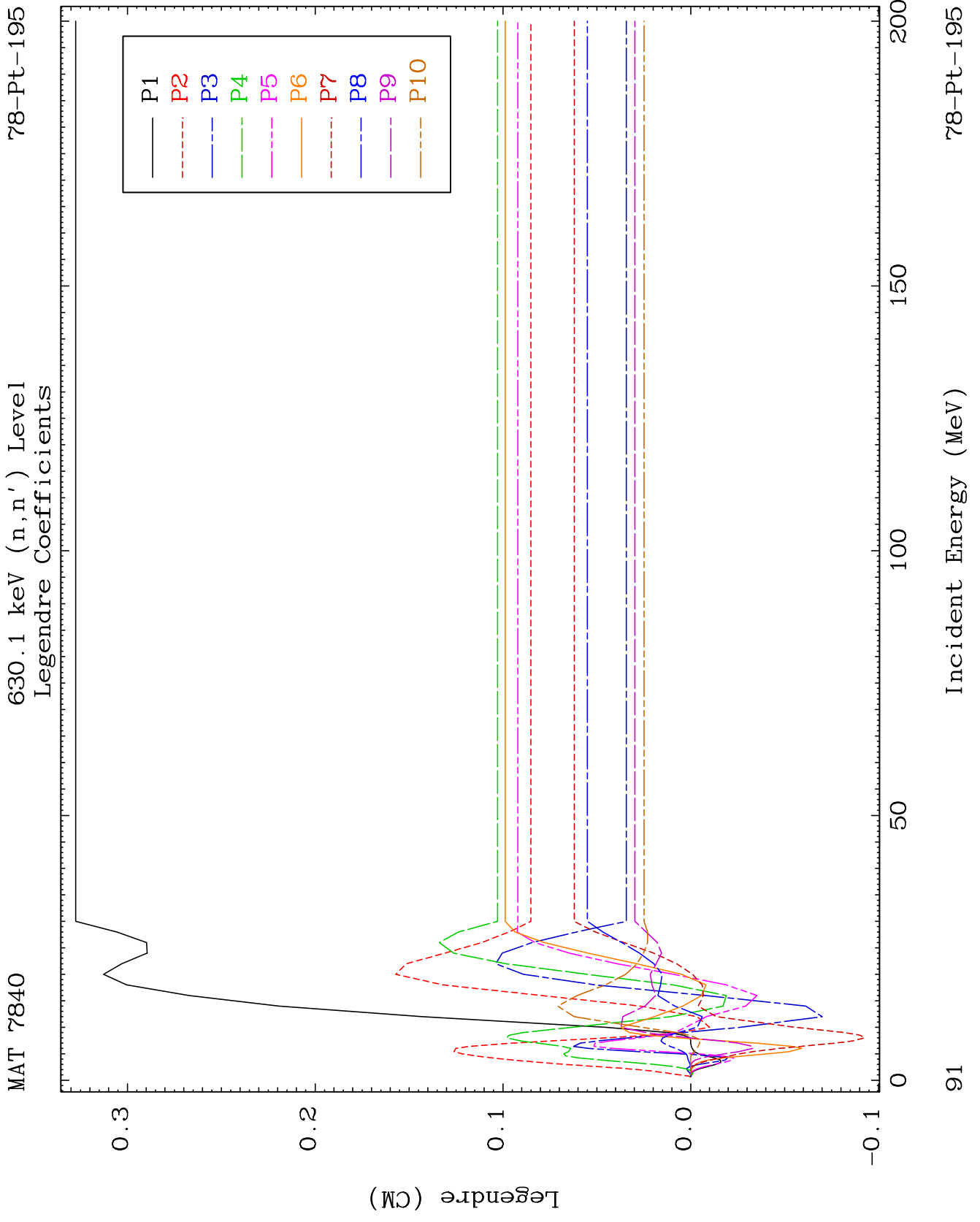










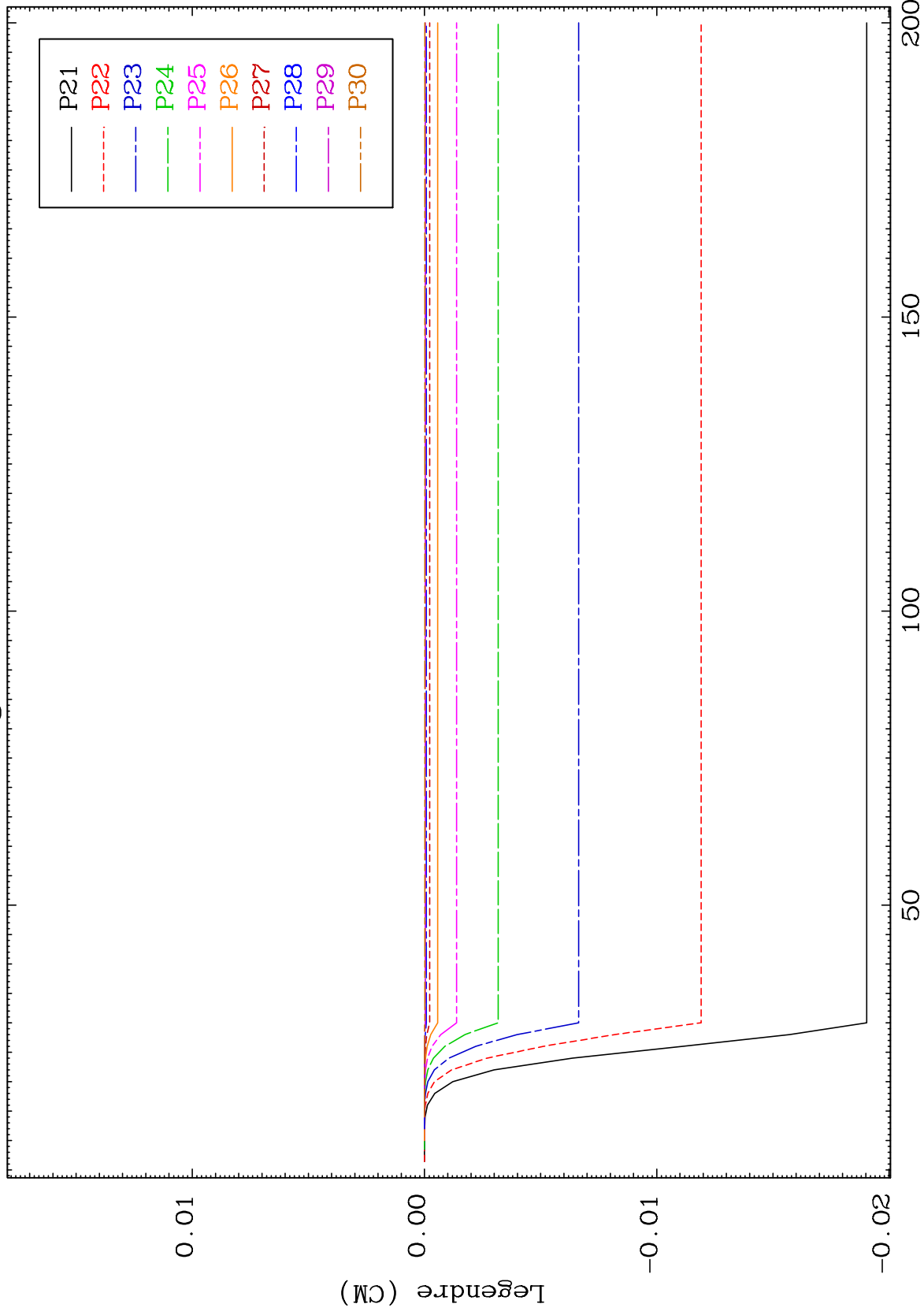




MAT 7840

630.1 keV (n,n') Level  
Legendre Coefficients

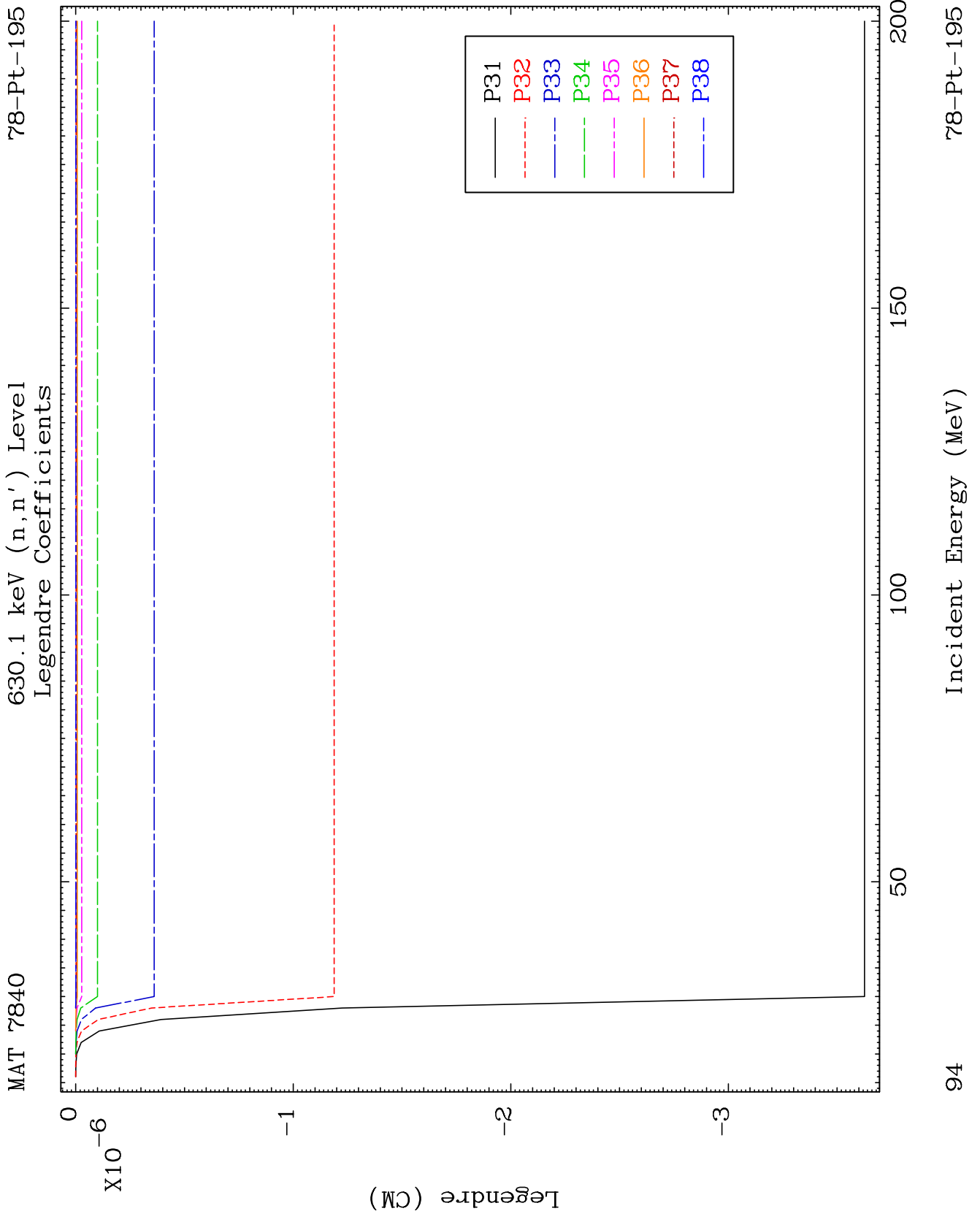
78-Pt-195



93

Incident Energy (MeV)

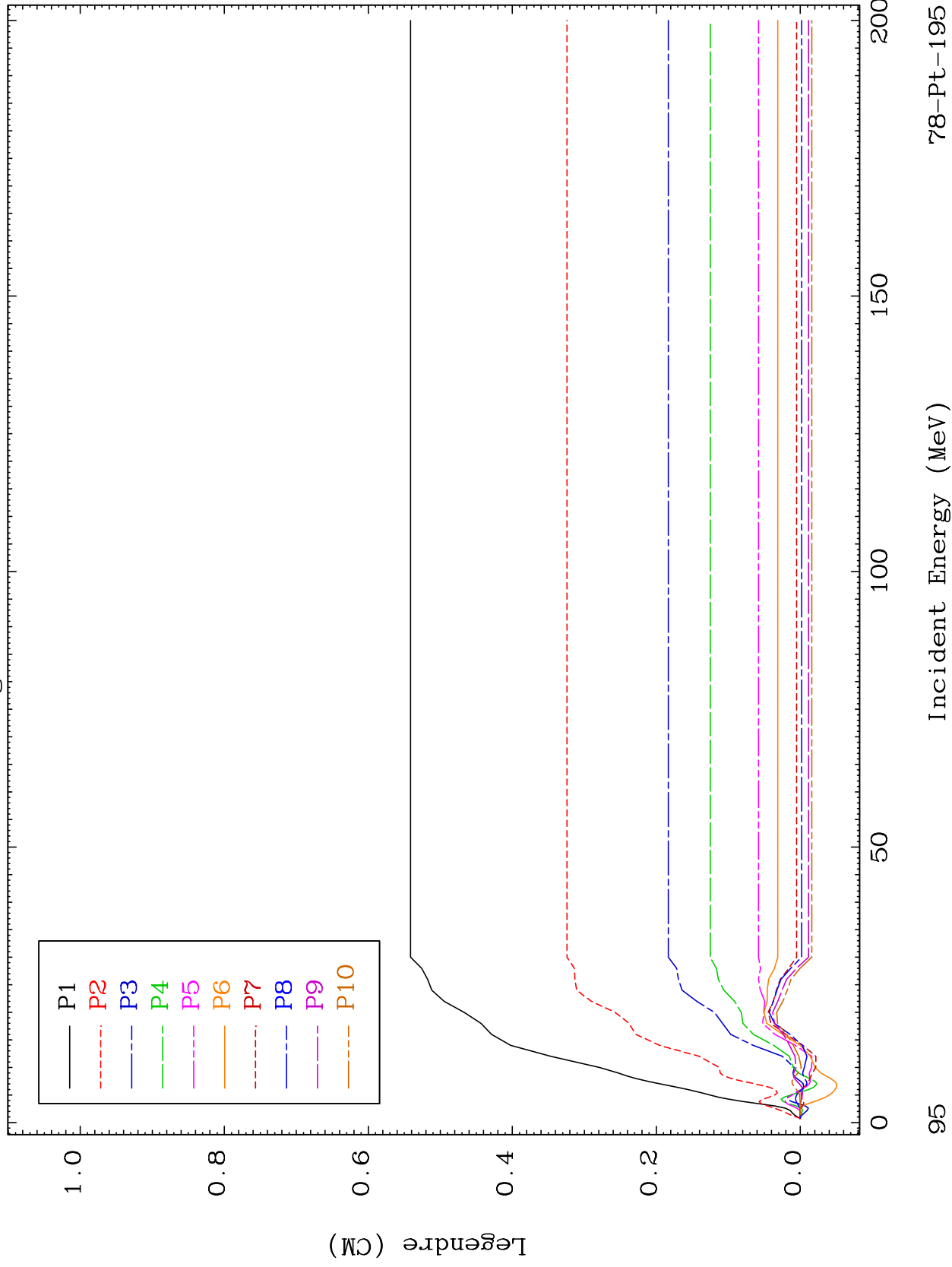
78-Pt-195



MAT 7840

632.1 keV (n,n') Level  
Legendre Coefficients

78-Pt-195



78-Pt-195

Incident Energy (MeV)

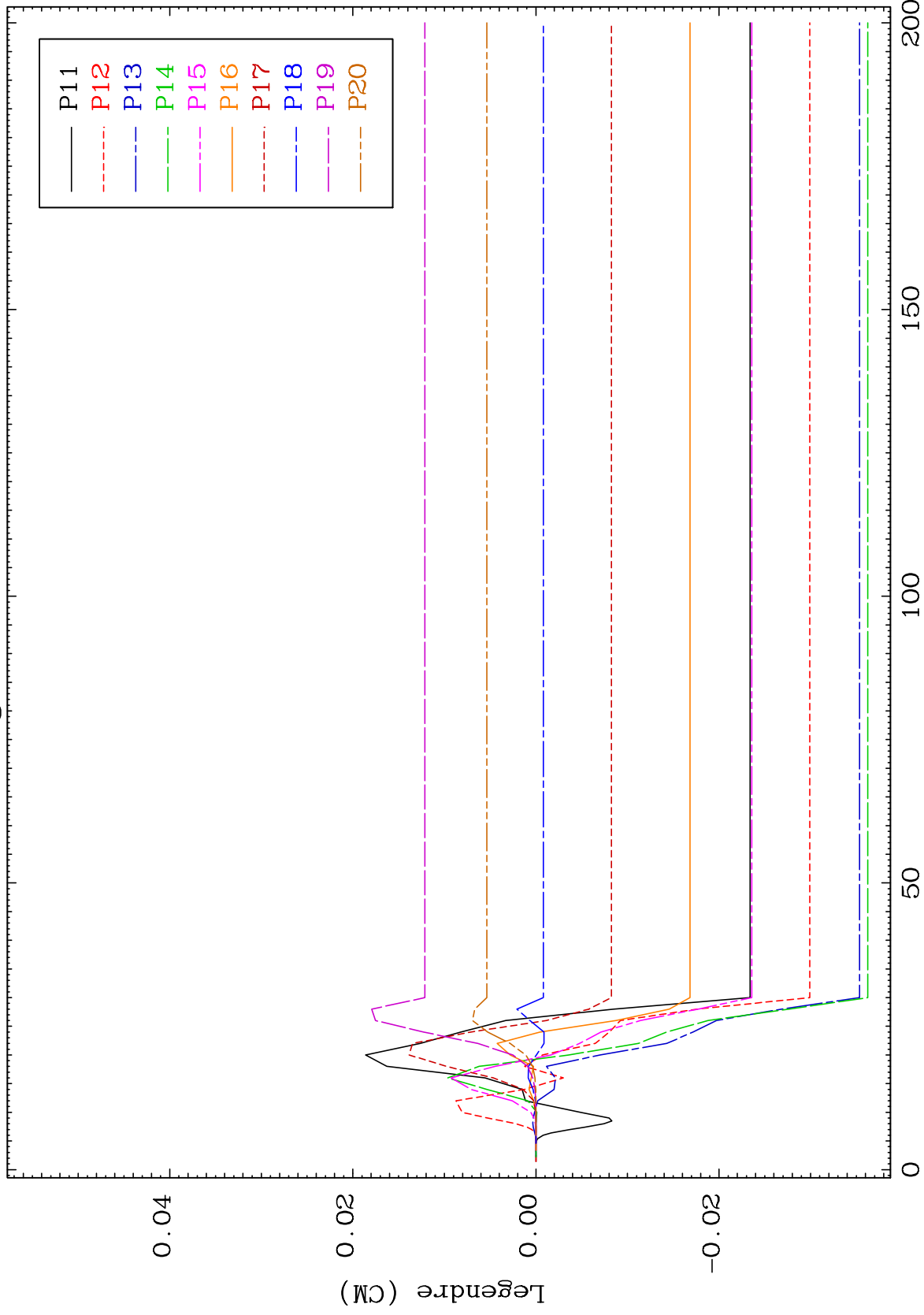
95



MAT 7840

632.1 keV (n,n') Level  
Legendre Coefficients

78-Pt-195



96

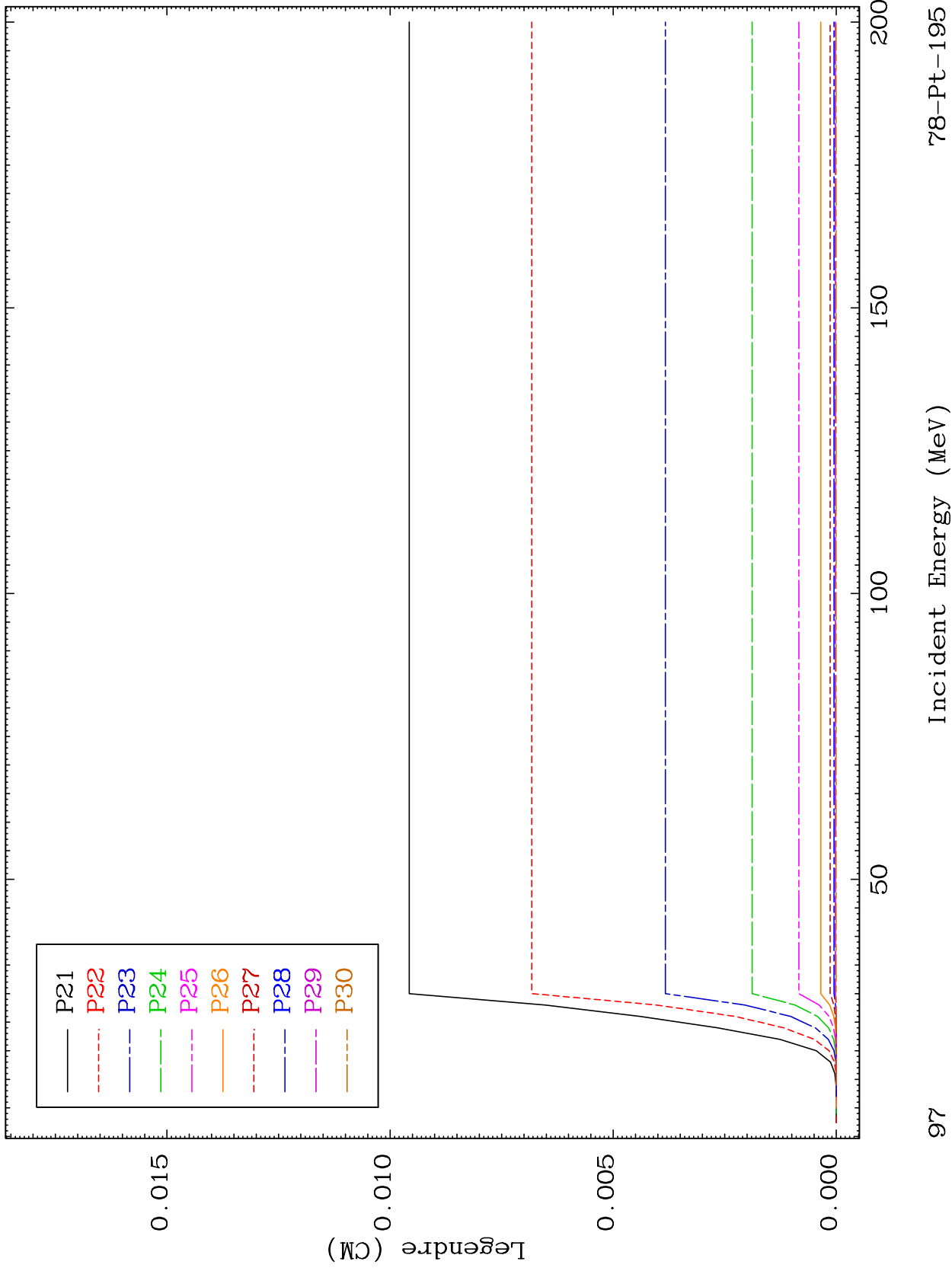
Incident Energy (MeV)

78-Pt-195

MAT 7840

632.1 keV (n,n') Level  
Legendre Coefficients

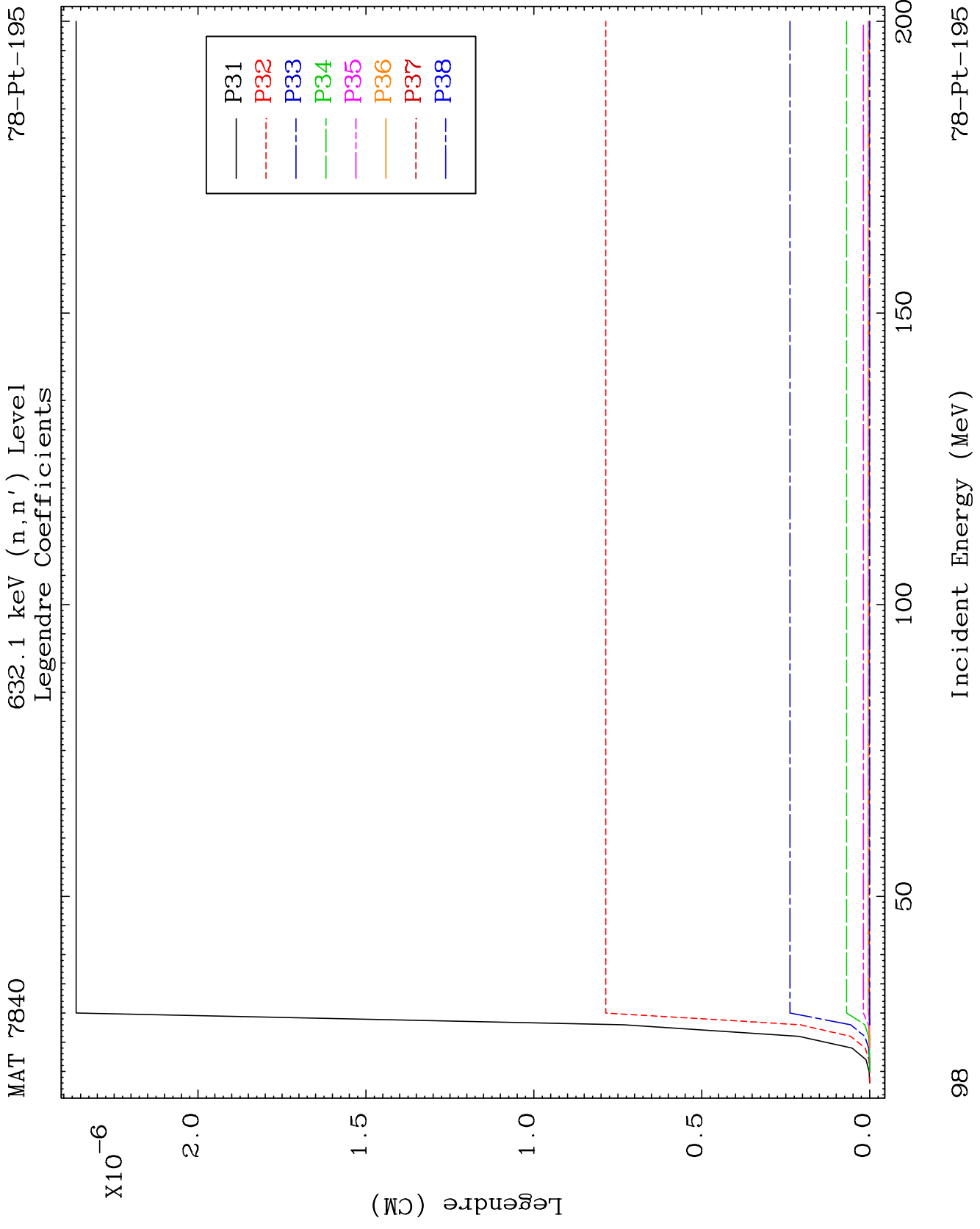
78-Pt-195



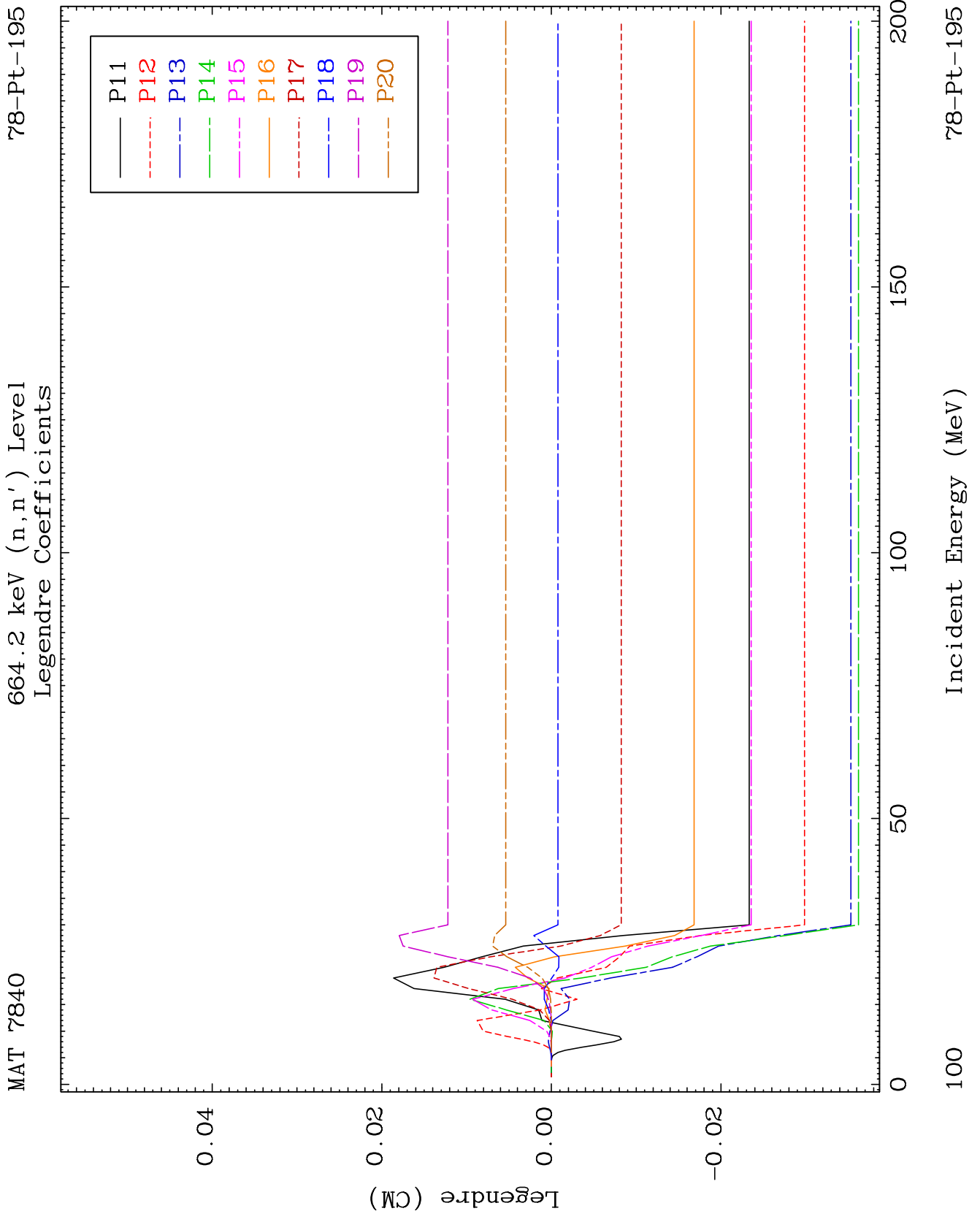
97

Incident Energy (MeV)

78-Pt-195



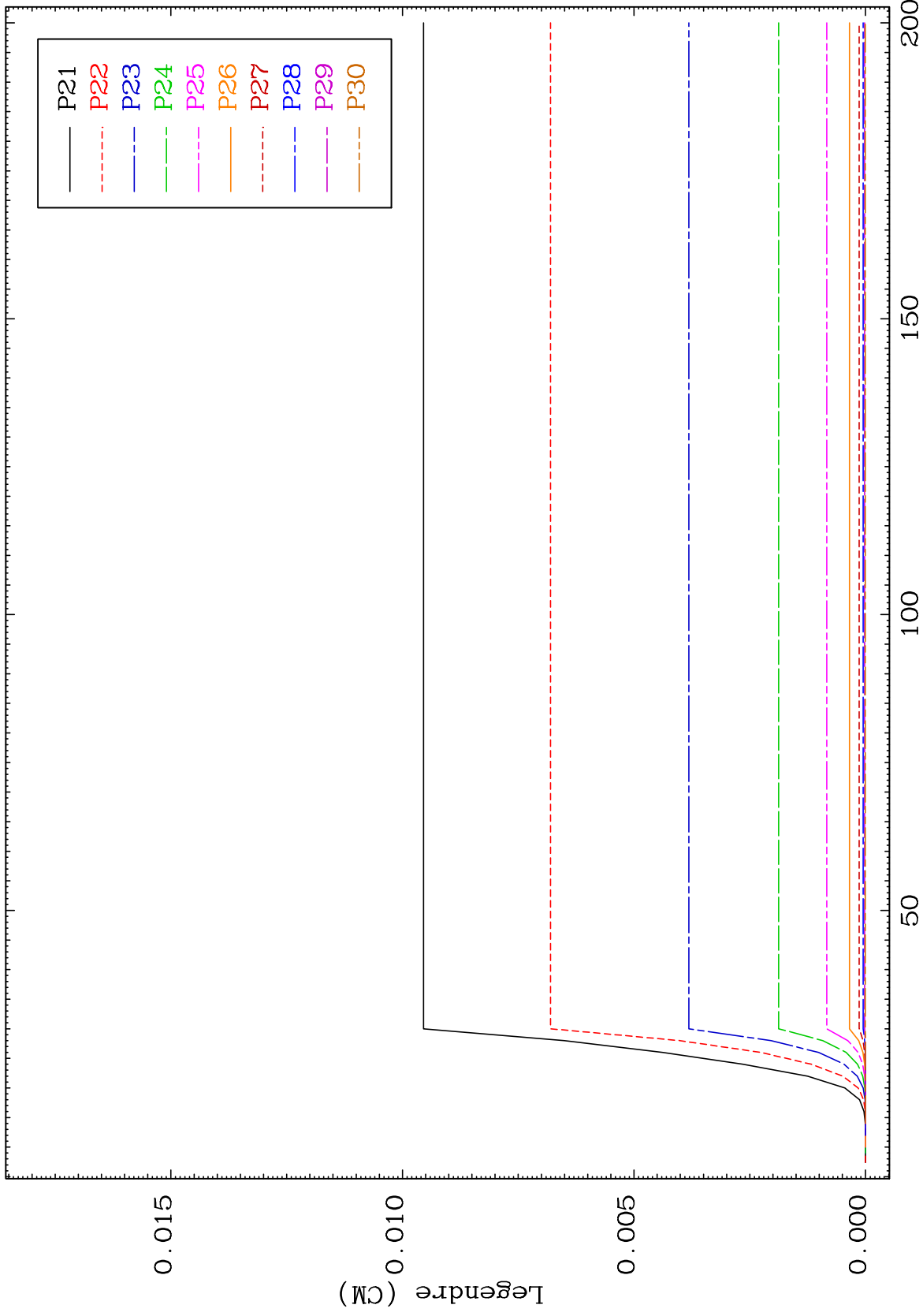




MAT 7840

664.2 keV (n,n') Level  
Legendre Coefficients

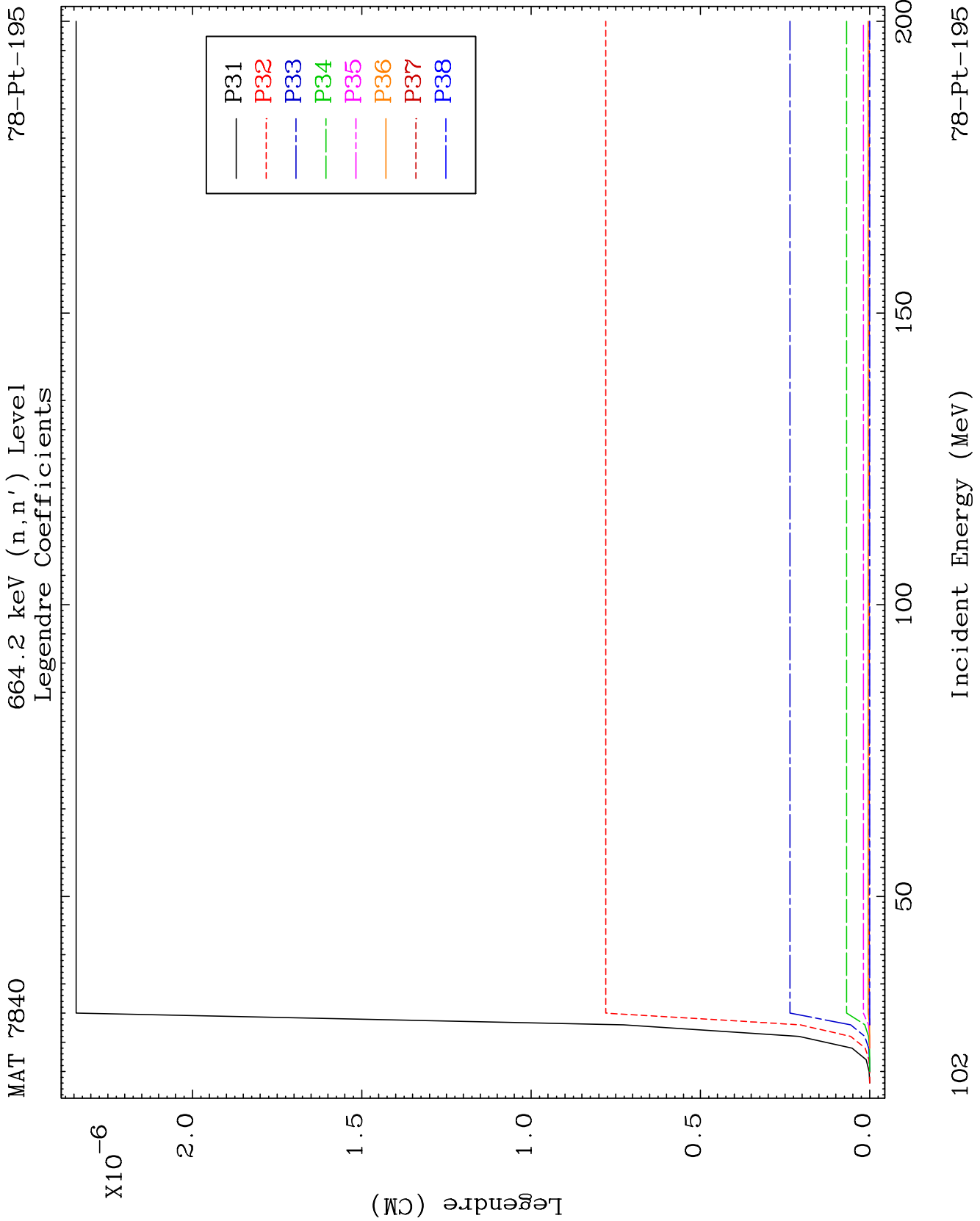
78-Pt-195



101

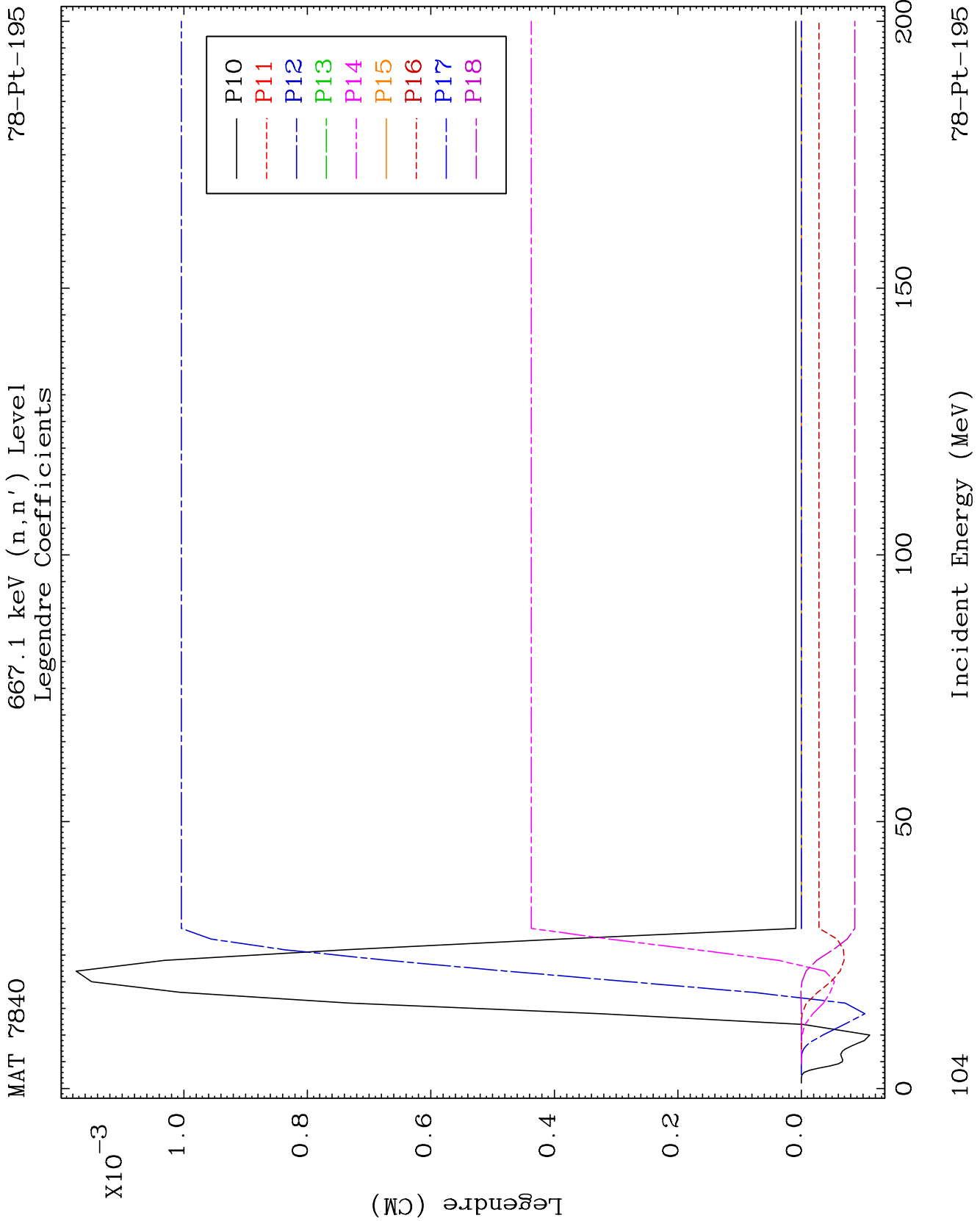
Incident Energy (MeV)

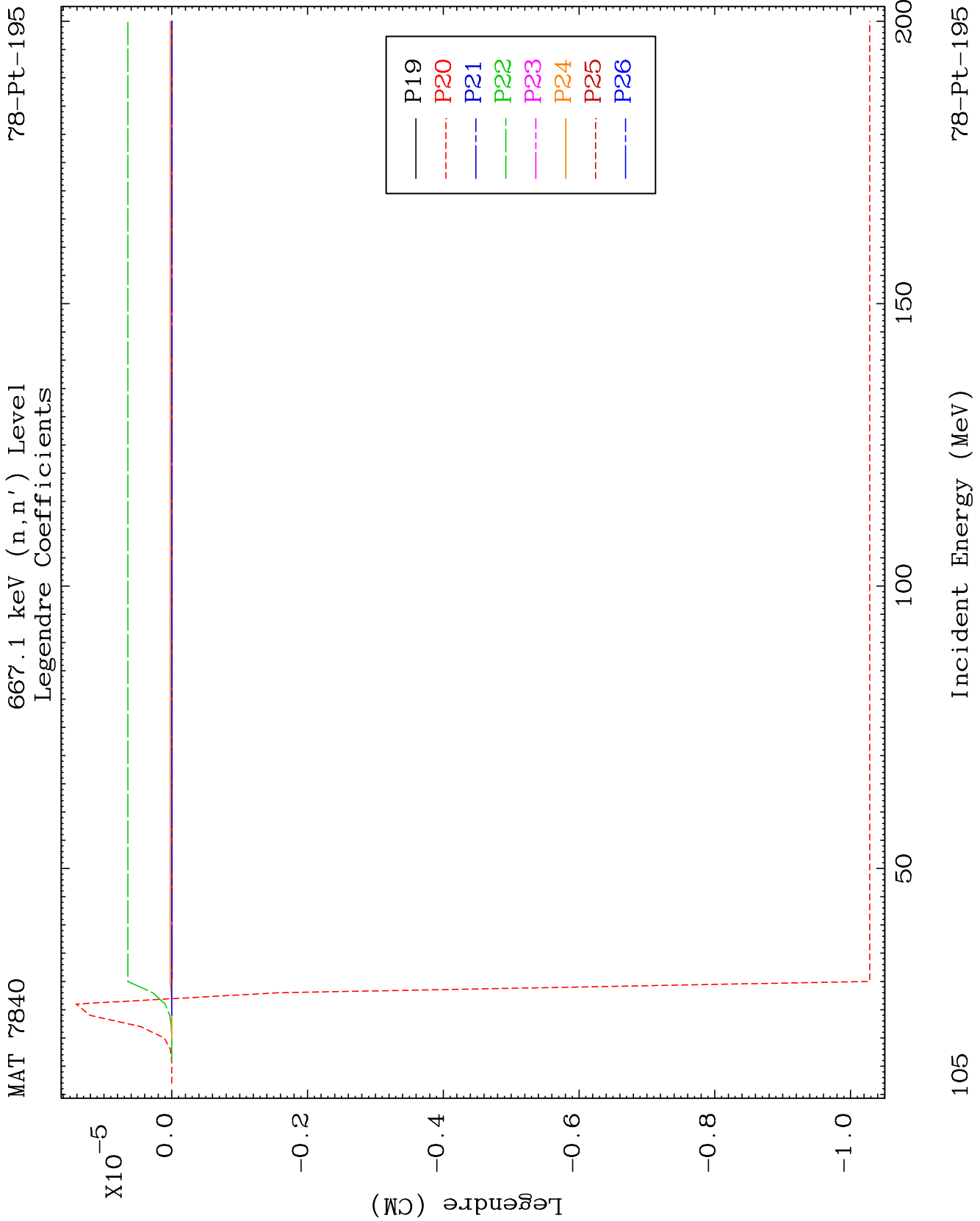
78-Pt-195

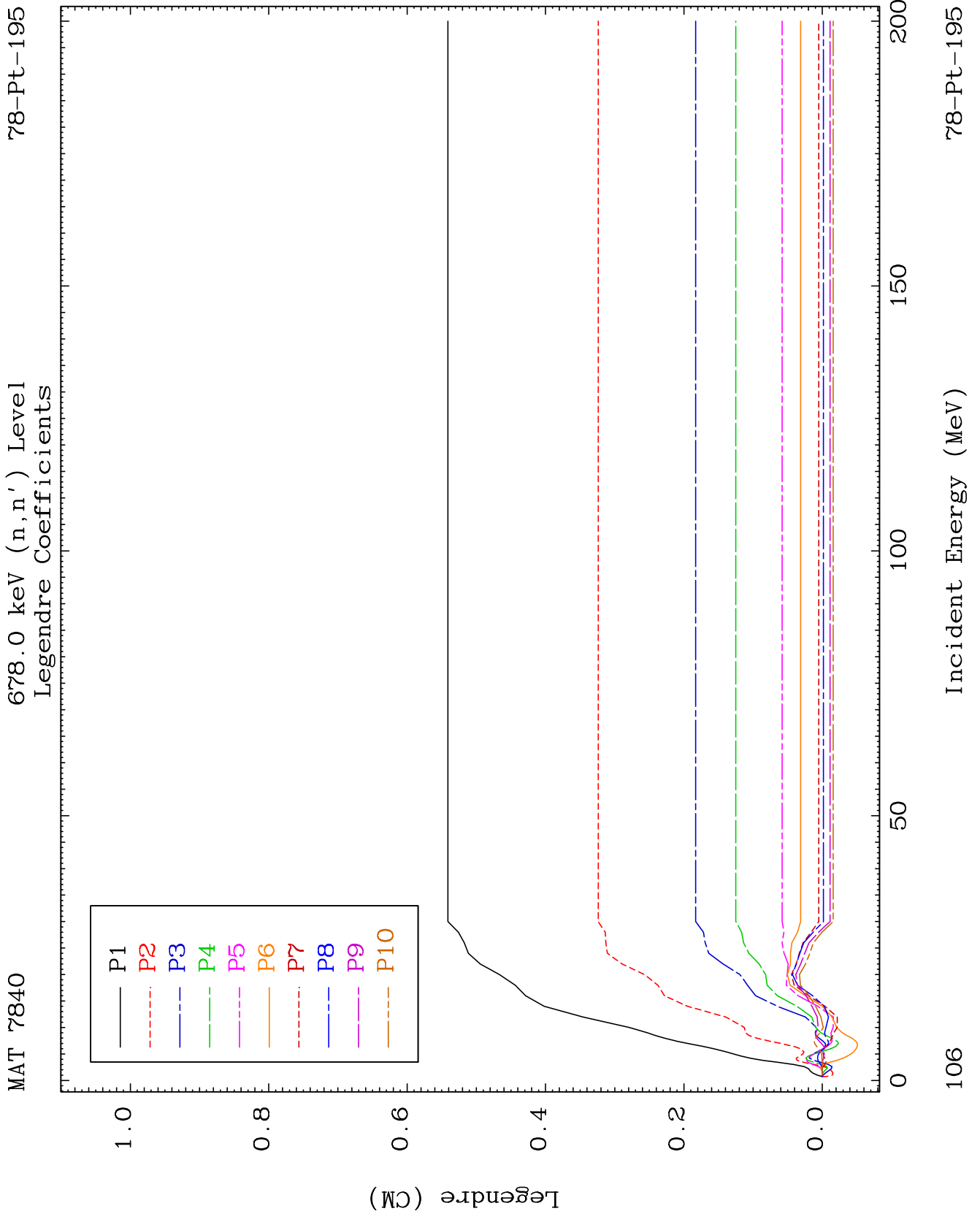










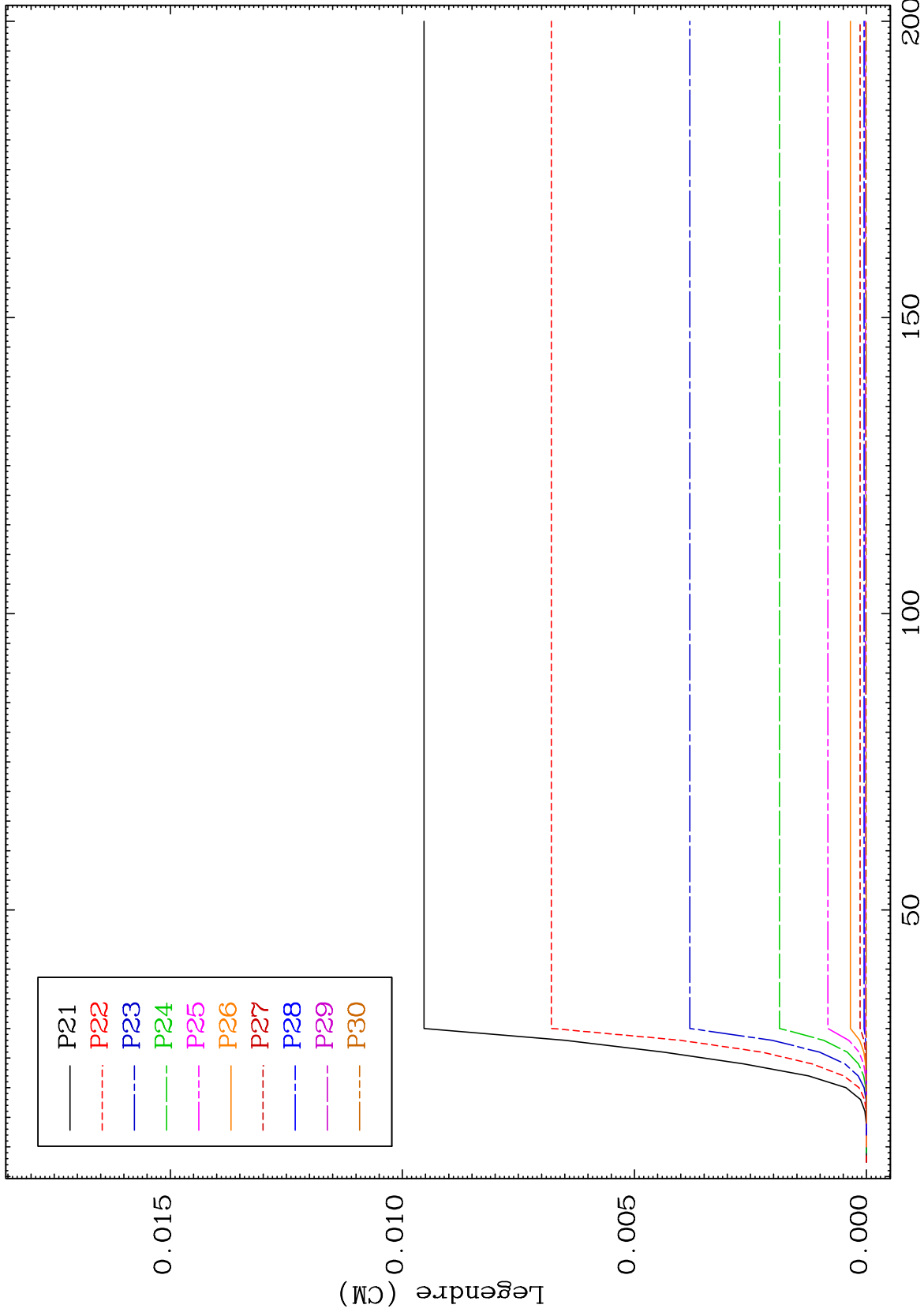




MAT 7840

678.0 keV (n,n') Level  
Legendre Coefficients

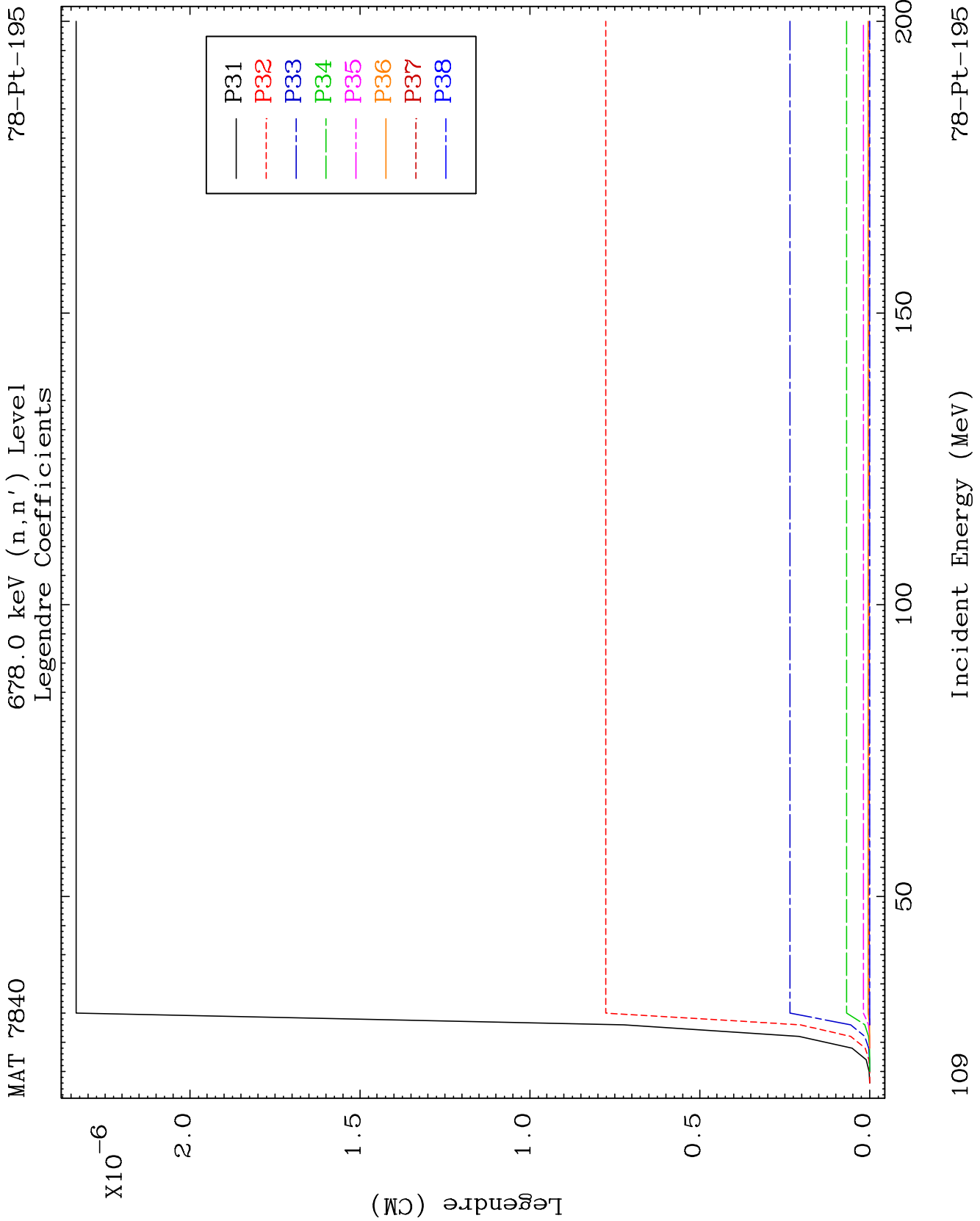
78-Pt-195

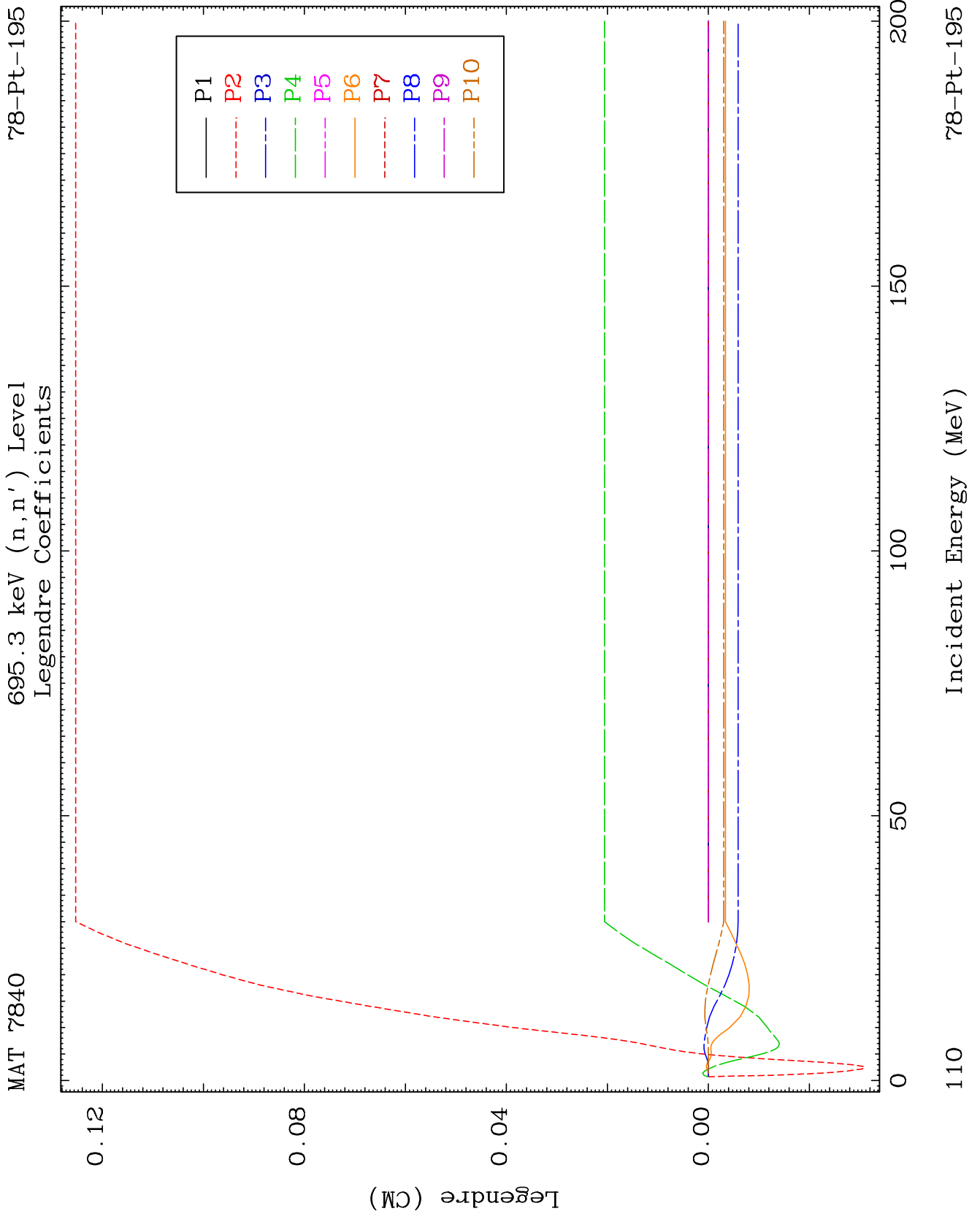


108

Incident Energy (MeV)

78-Pt-195

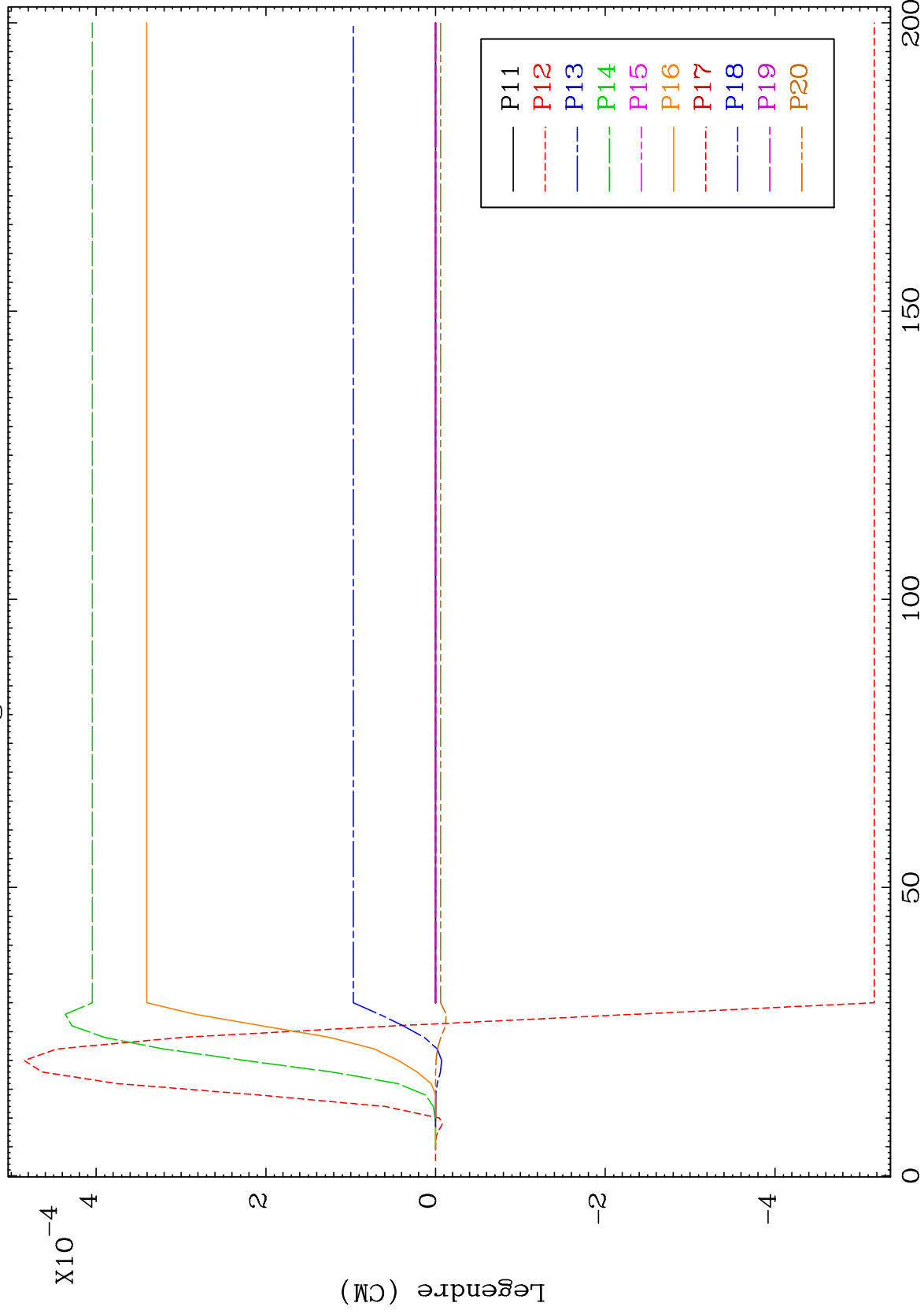




MAT 7840

695.3 keV (n,n') Level  
Legendre Coefficients

78-Pt-195

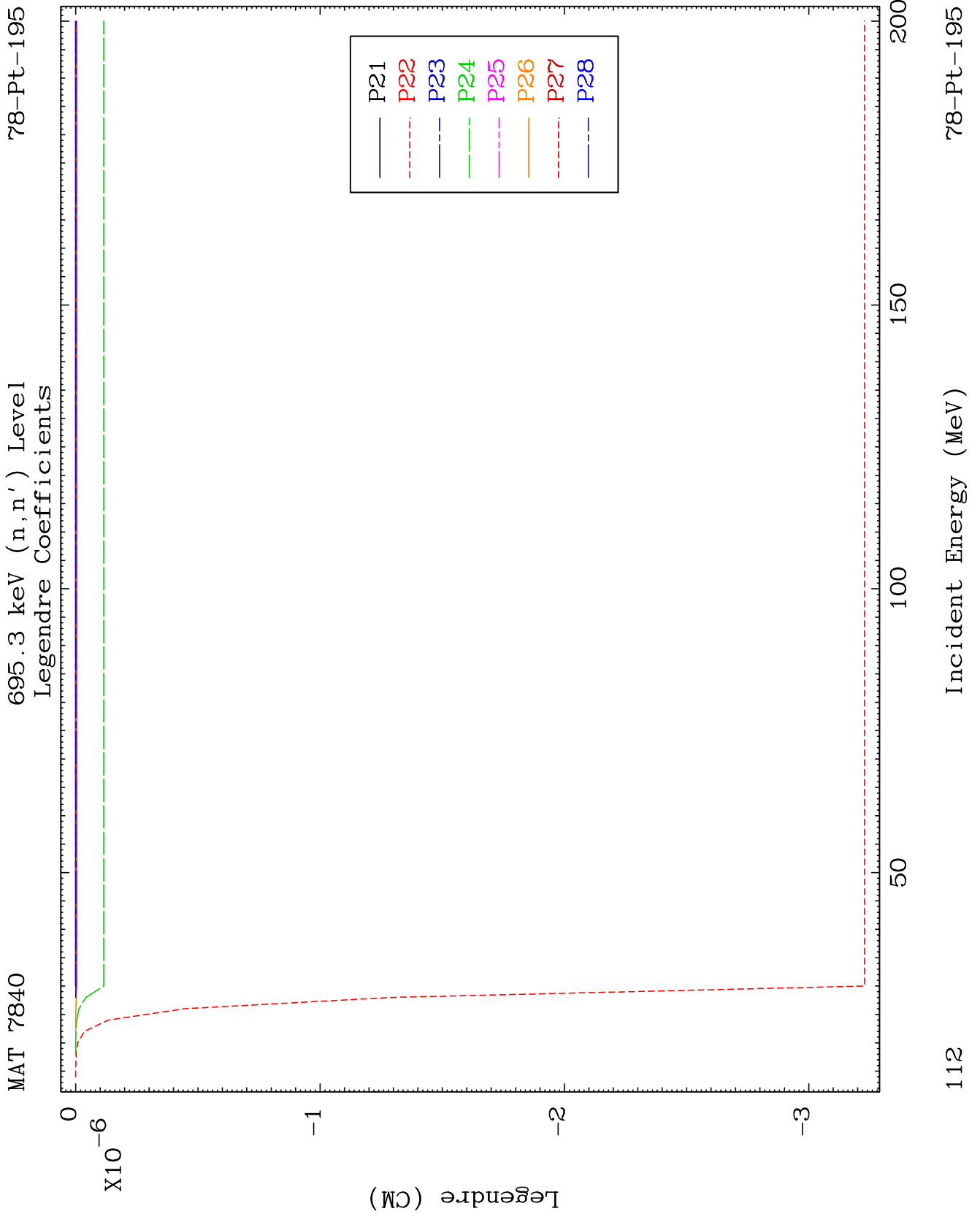


111

Incident Energy (MeV)

78-Pt-195





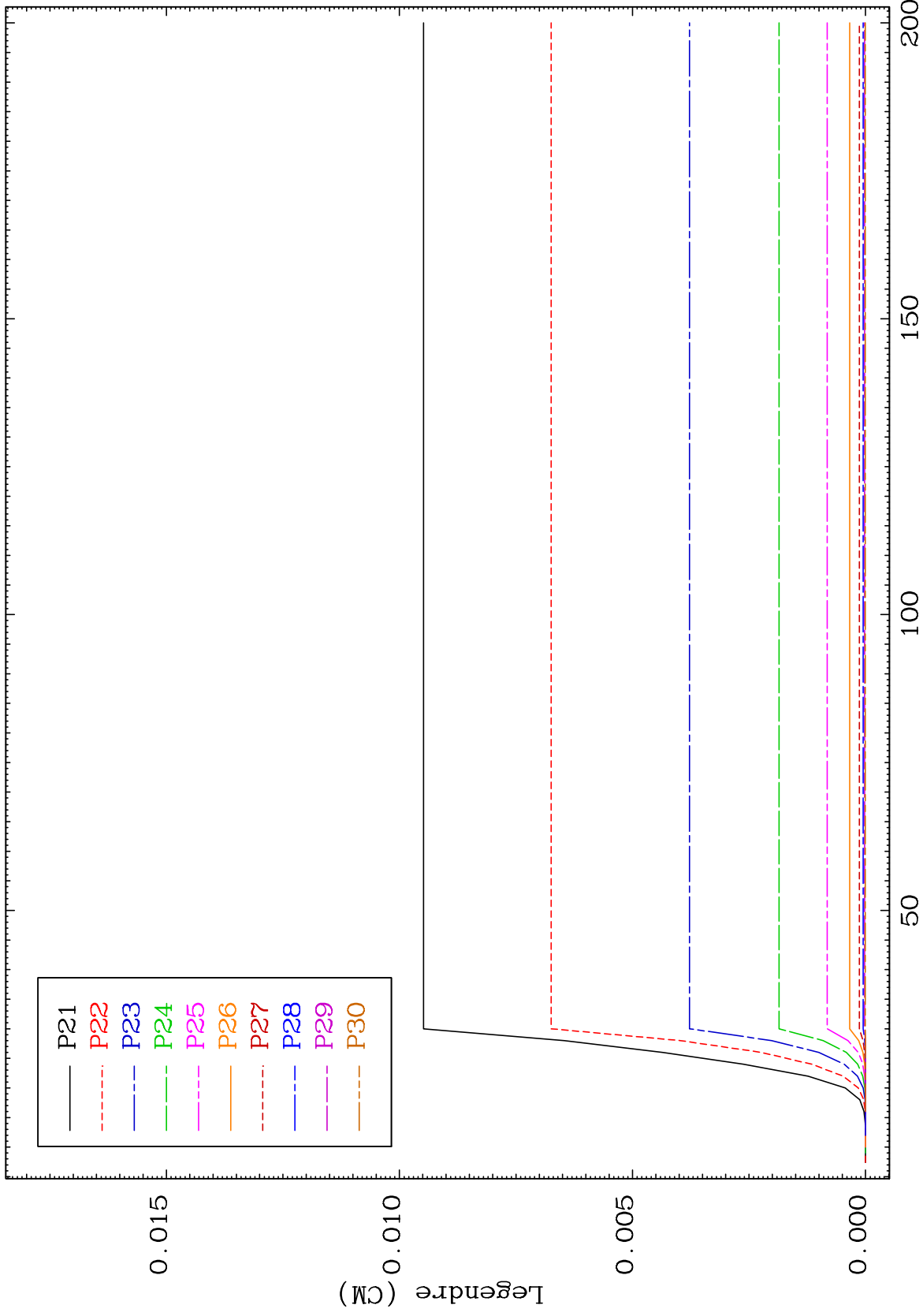




MAT 7840

739.5 keV (n,n') Level  
Legendre Coefficients

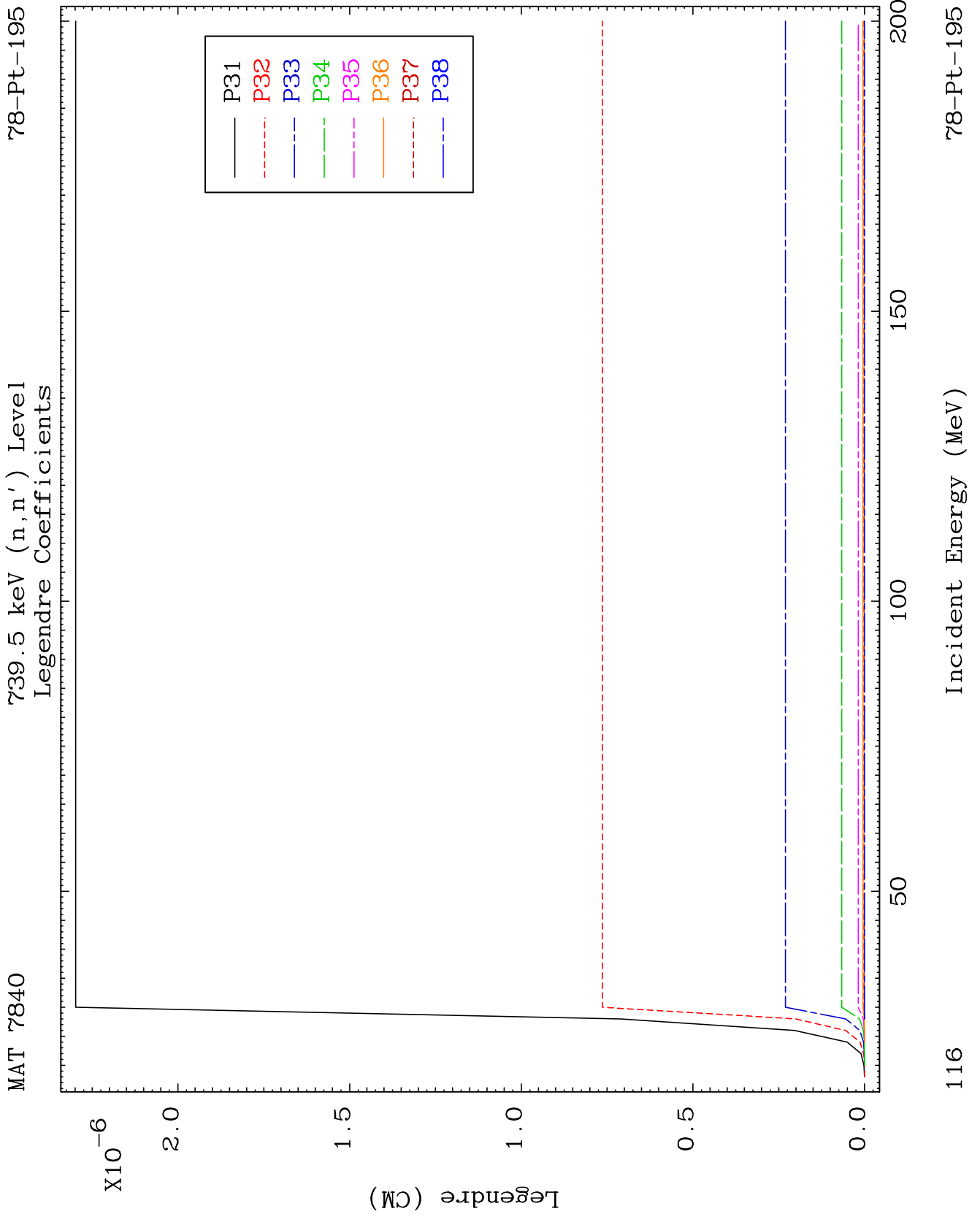
78-Pt-195

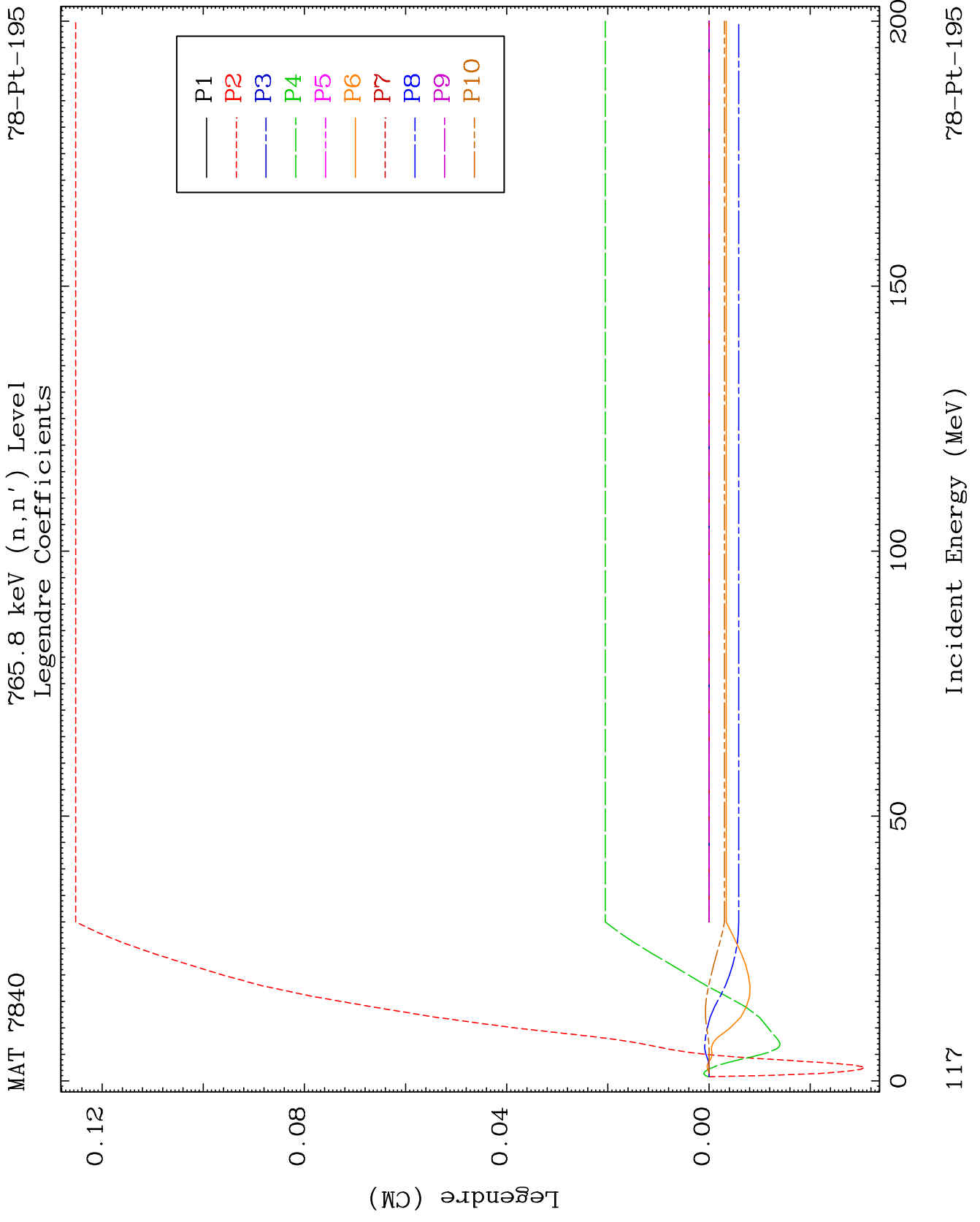


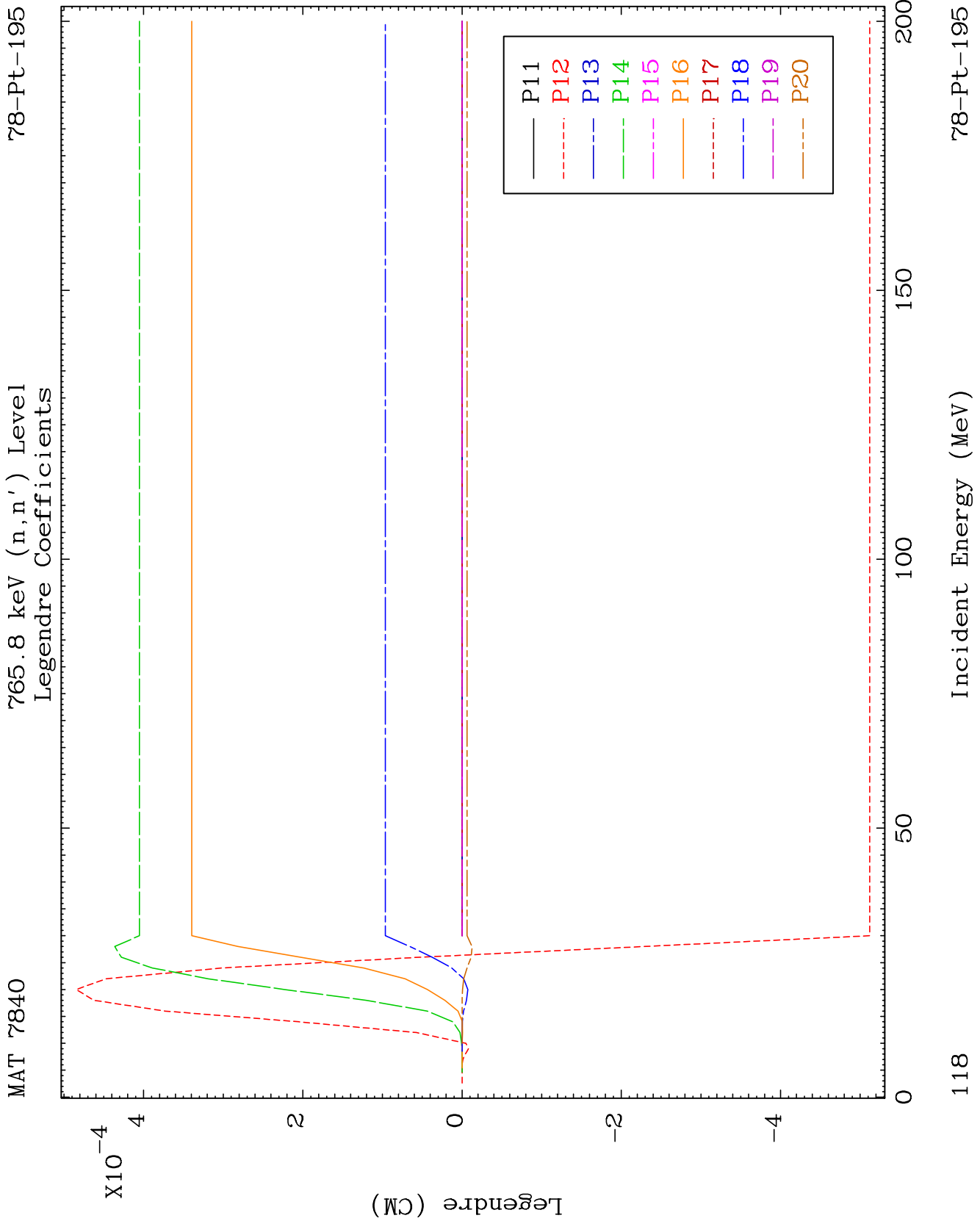
115

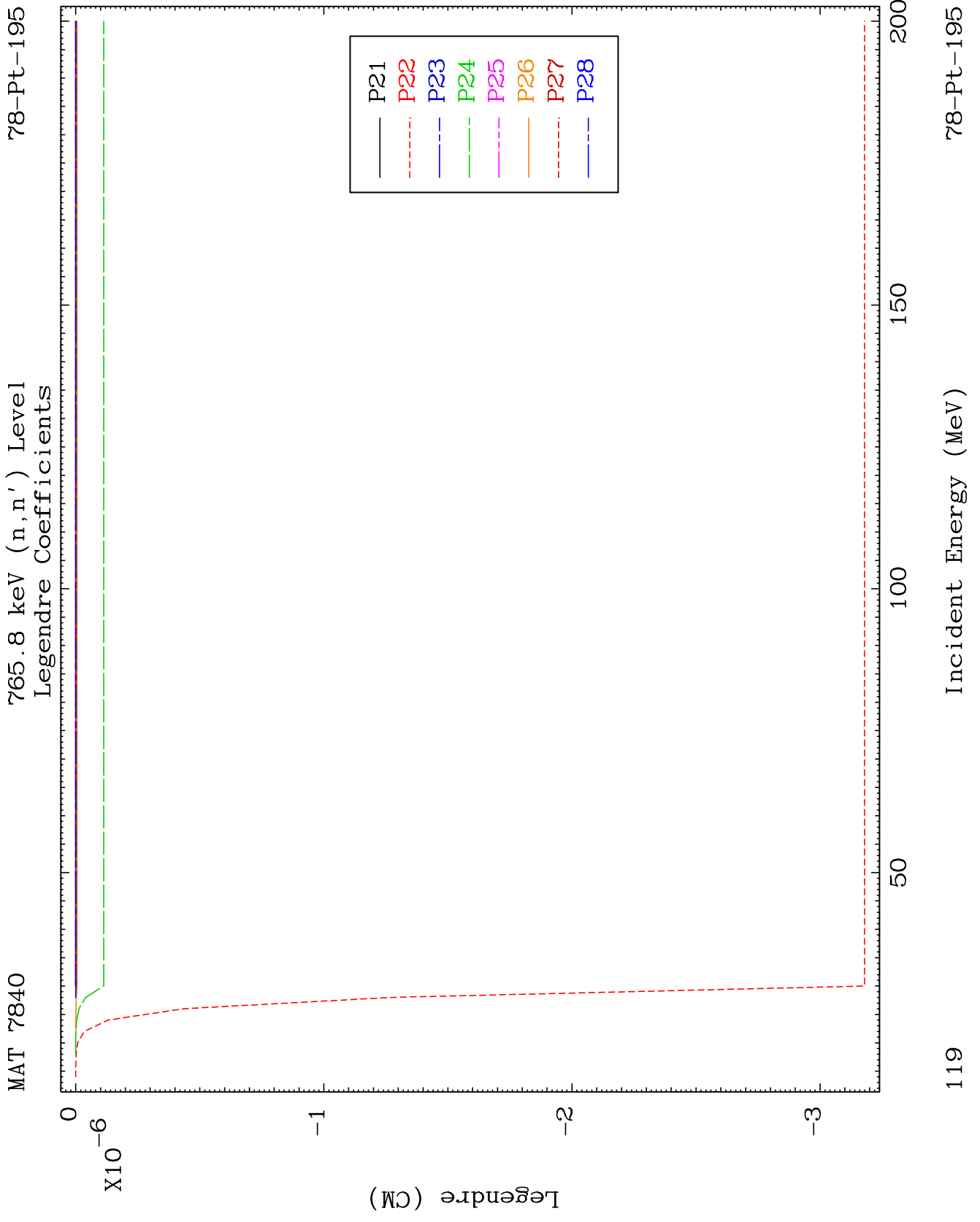
Incident Energy (MeV)

78-Pt-195







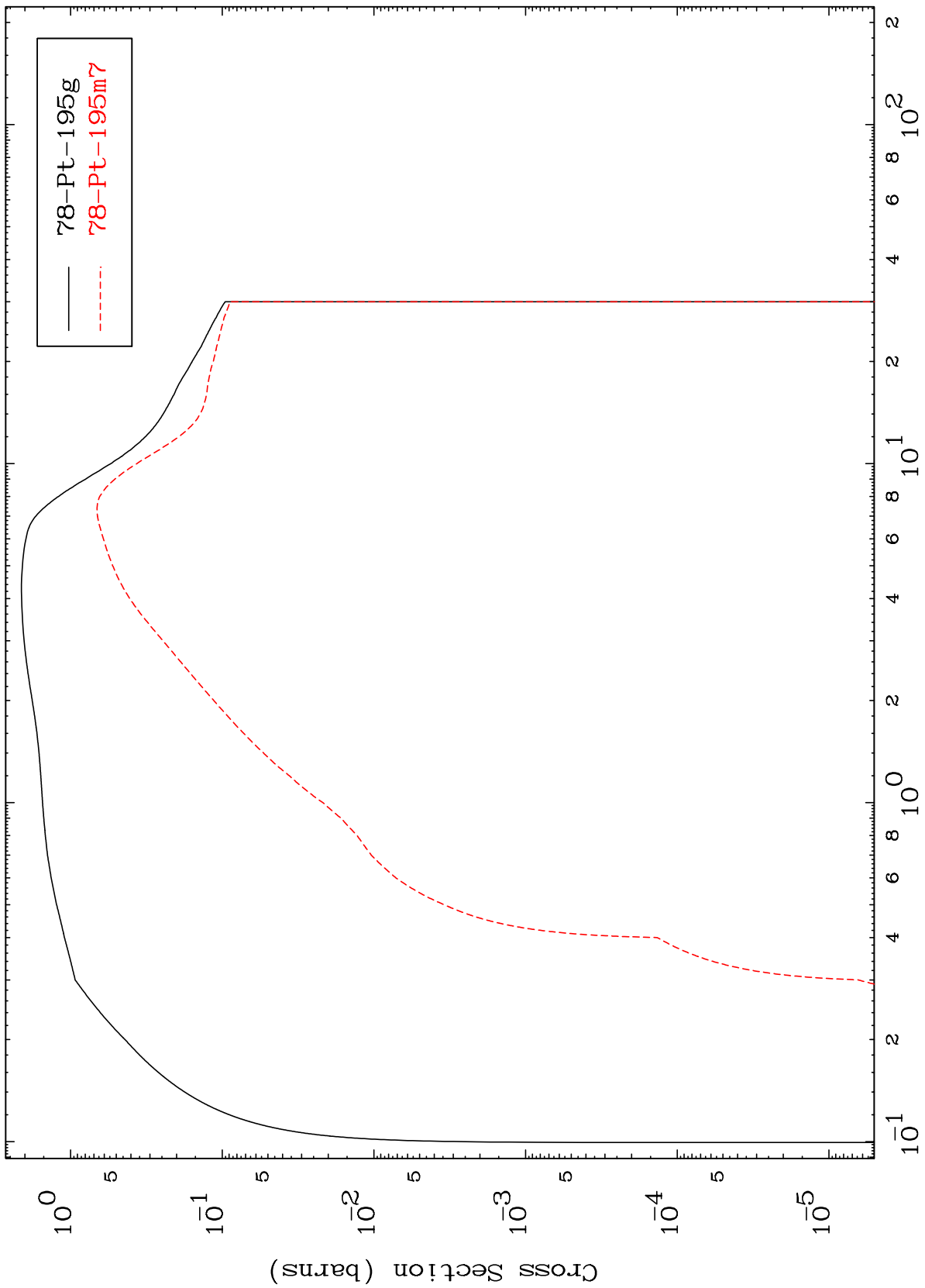




MAT 7840

78-Pt-195

Inelastic  
Radionuclide Production Cross Section



78-Pt-195g  
78-Pt-195m7

78-Pt-195

Incident Energy (MeV)

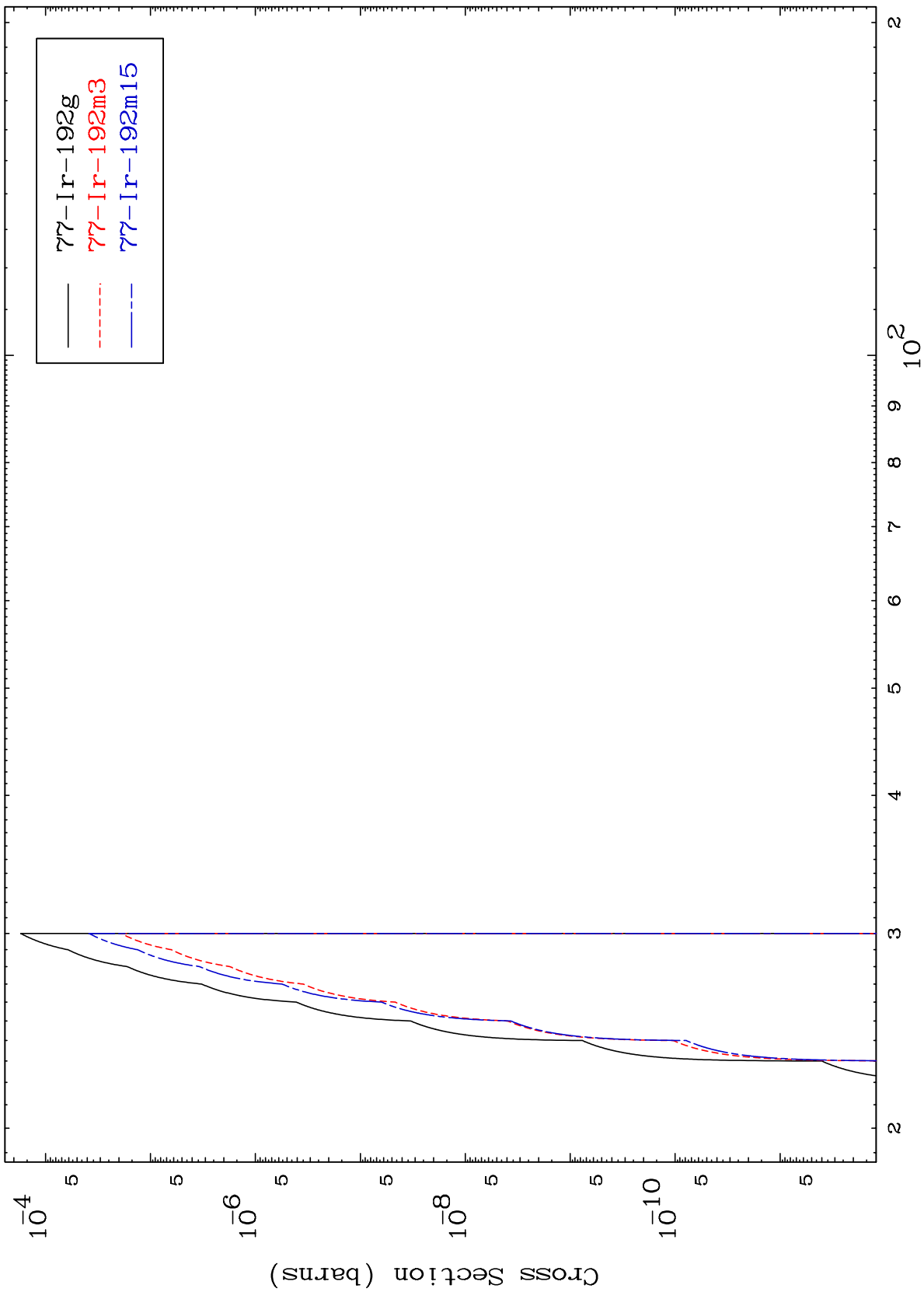
120

MAT 7840

(n,2n) d

78-Pt-195

Radionuclide Production Cross Section



121

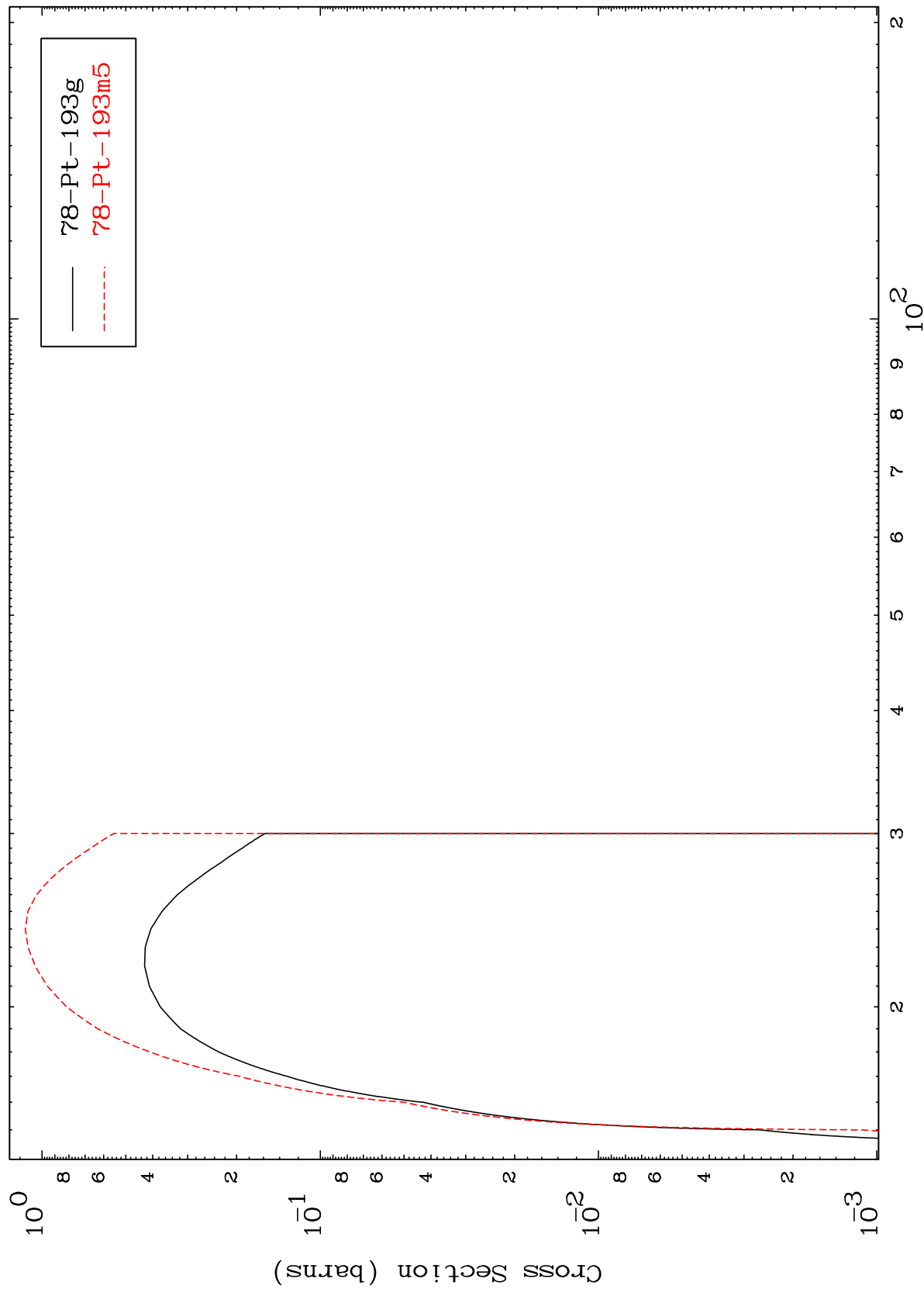
Incident Energy (MeV)

78-Pt-195

MAT 7840

78-Pt-195

(n,3n)  
Radionuclide Production Cross Section



122

Incident Energy (MeV)

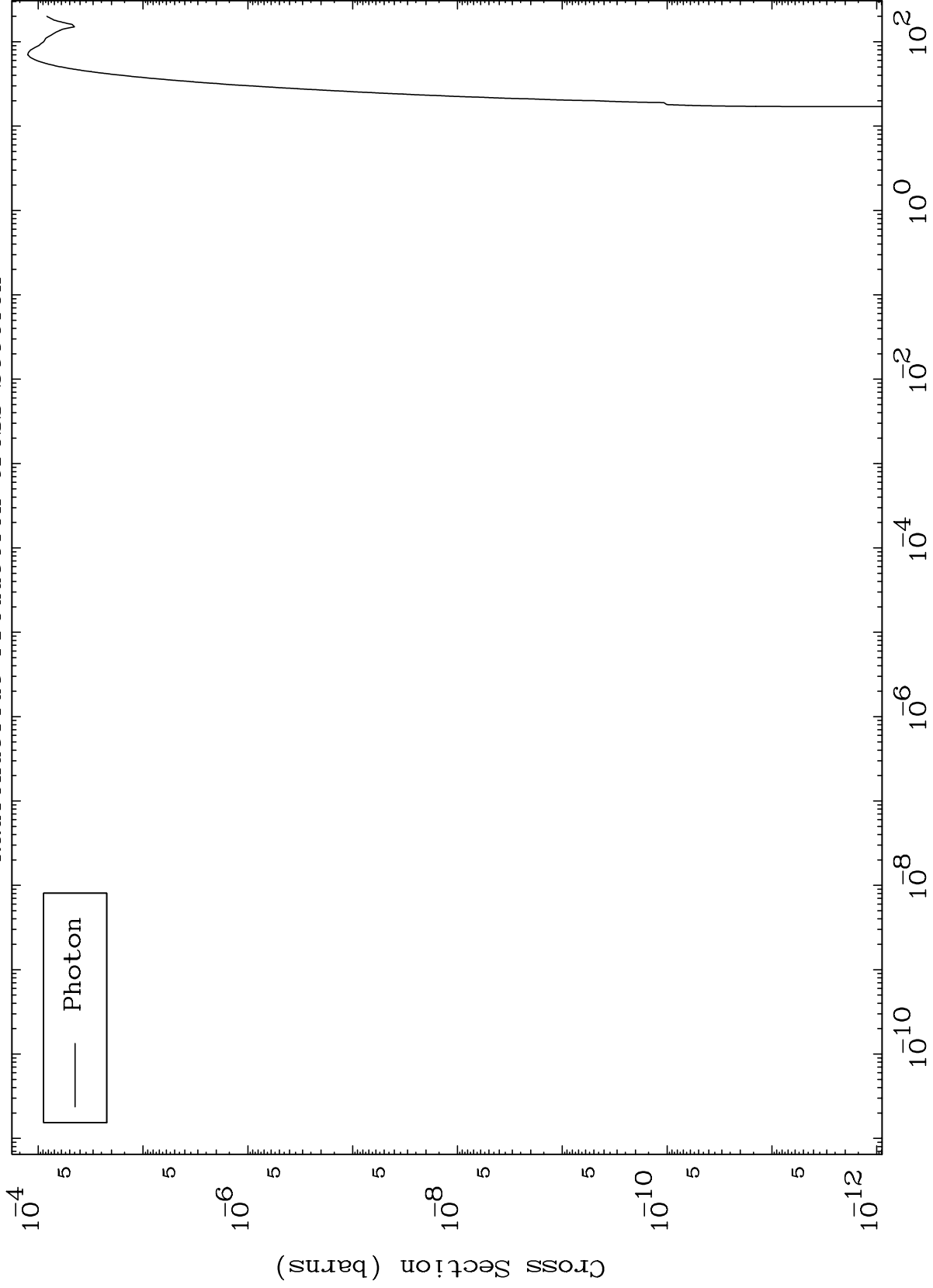
78-Pt-195

MAT 7840

Fission

78-Pt-195

Radionuclide Production Cross Section

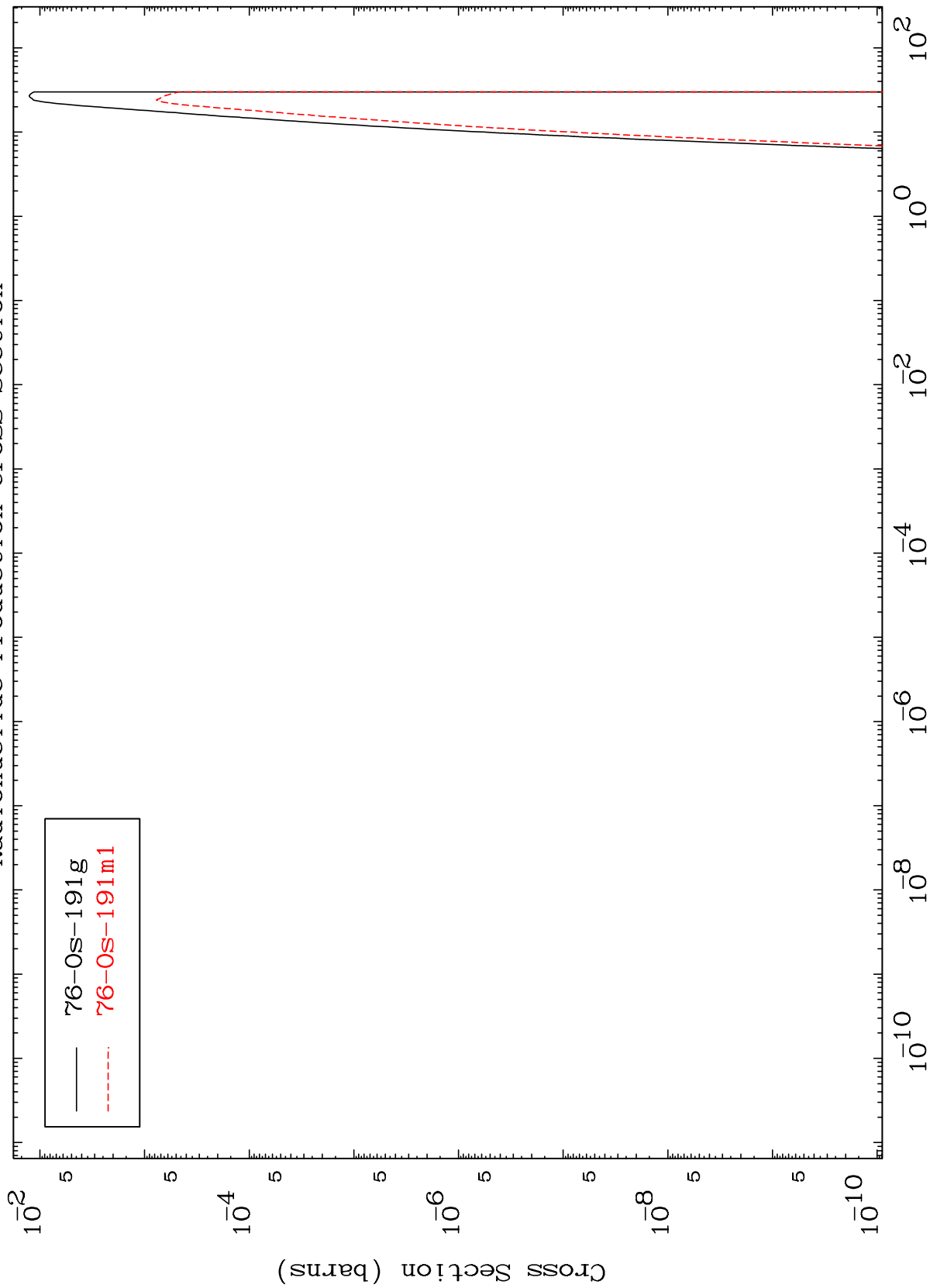


MAT 7840

$(n, n')$   $\alpha$

78-Pt-195

Radionuclide Production Cross Section



124

Incident Energy (MeV)

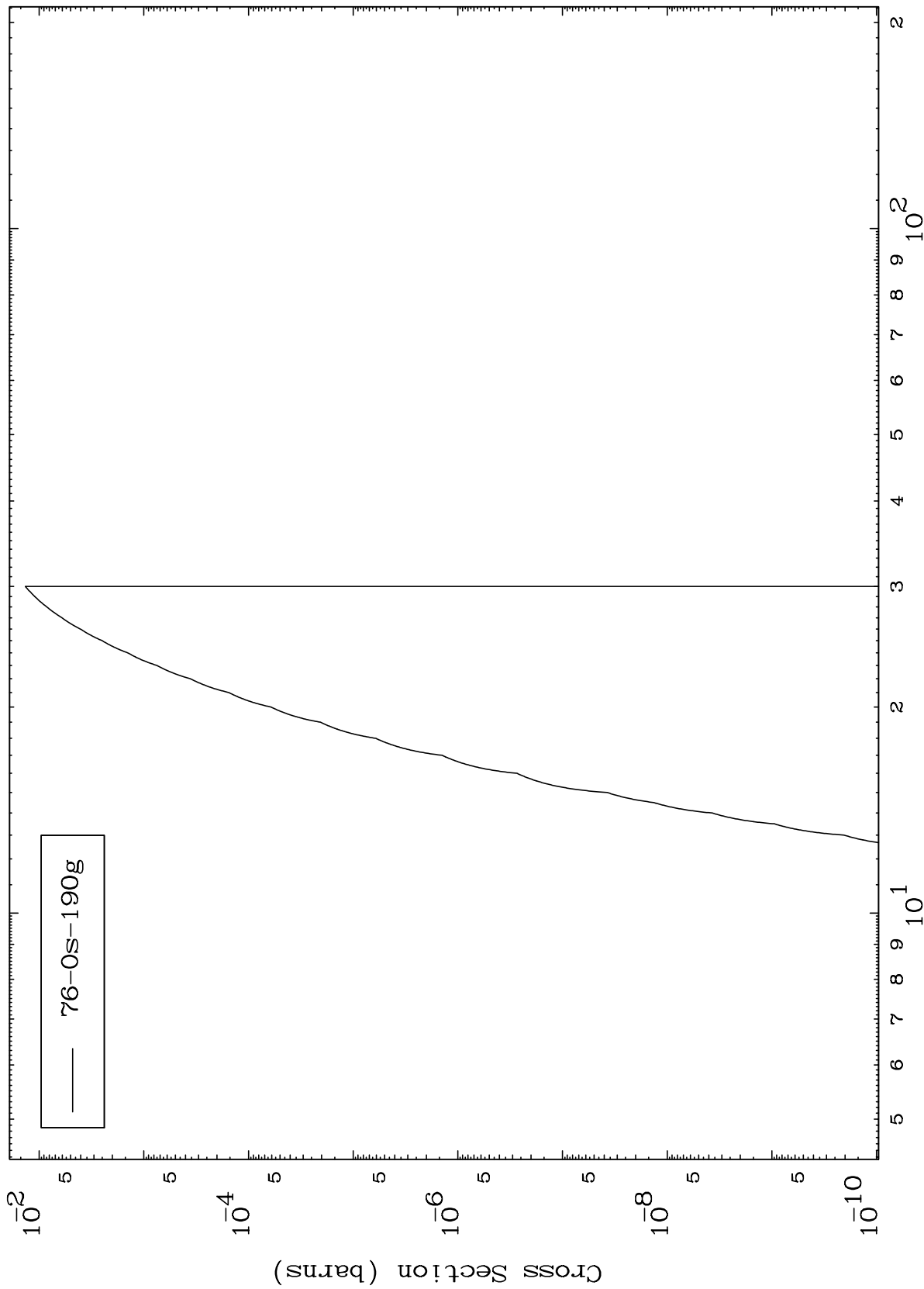
78-Pt-195

MAT 7840

(n,2n)  $\alpha$

78-Pt-195

Radionuclide Production Cross Section



125

Incident Energy (MeV)

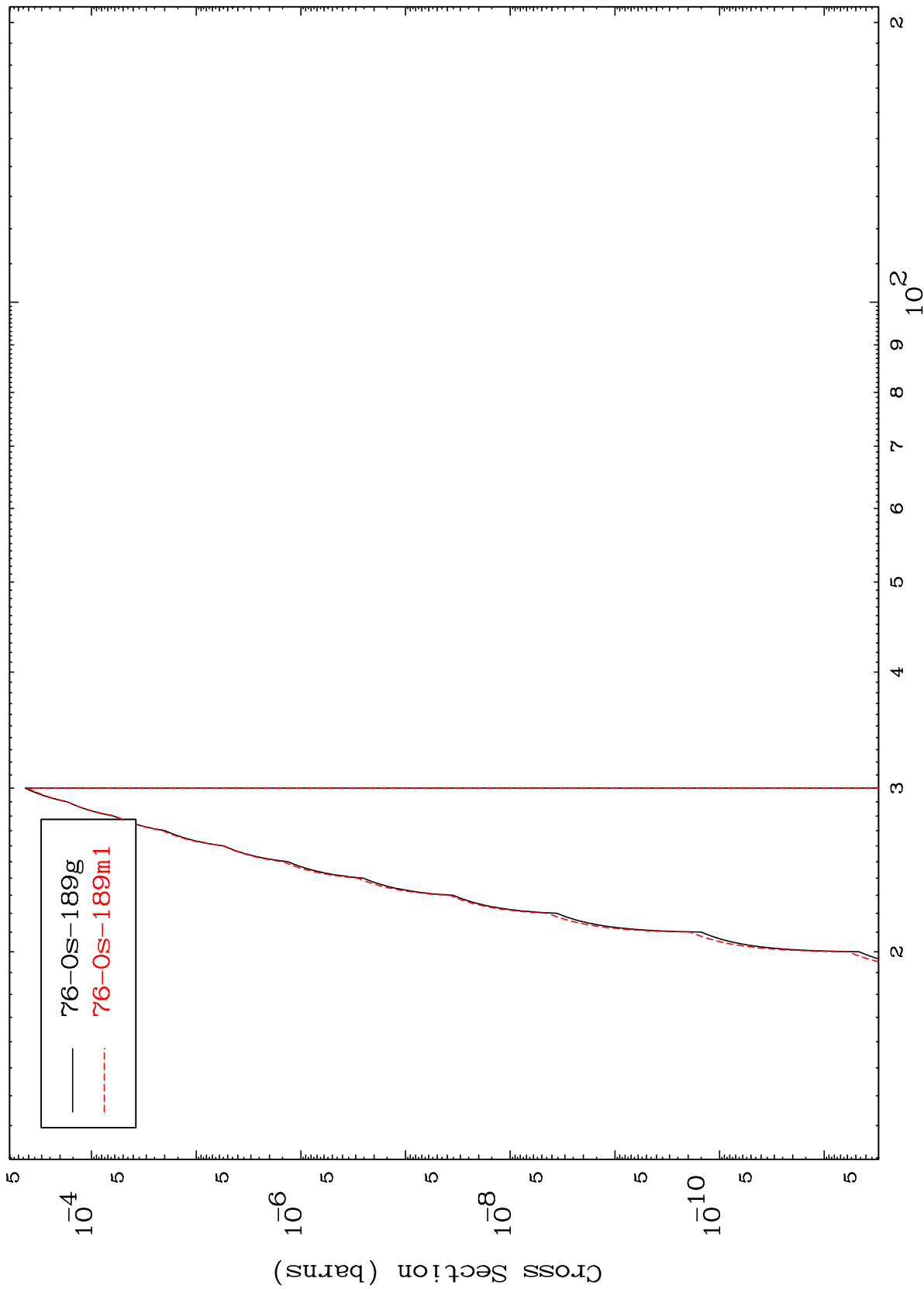
78-Pt-195

MAT 7840

$(n,3n) \alpha$

78-Pt-195

Radionuclide Production Cross Section



126

Incident Energy (MeV)

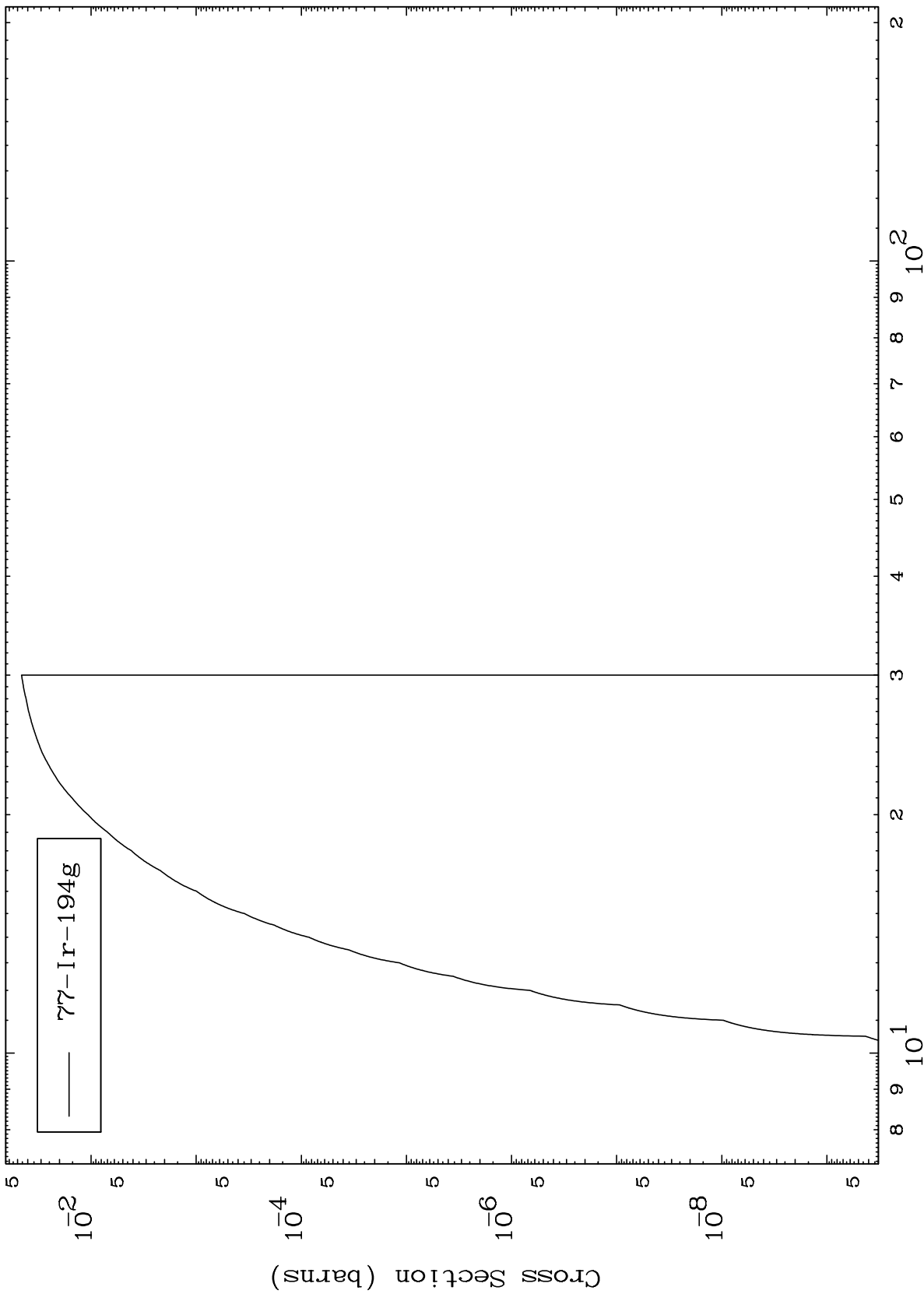
78-Pt-195

MAT 7840

(n,n') p

78-Pt-195

Radionuclide Production Cross Section



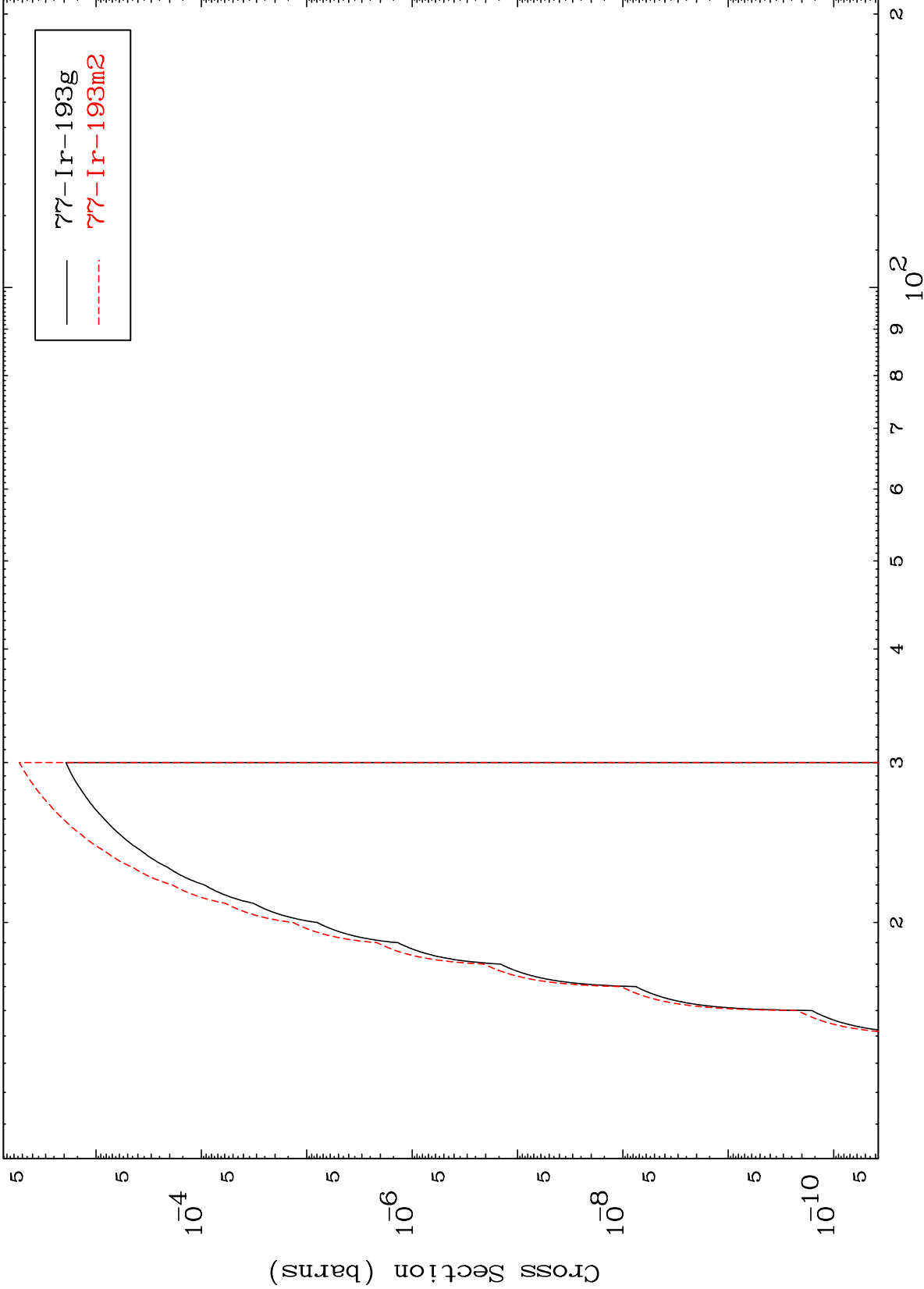
127

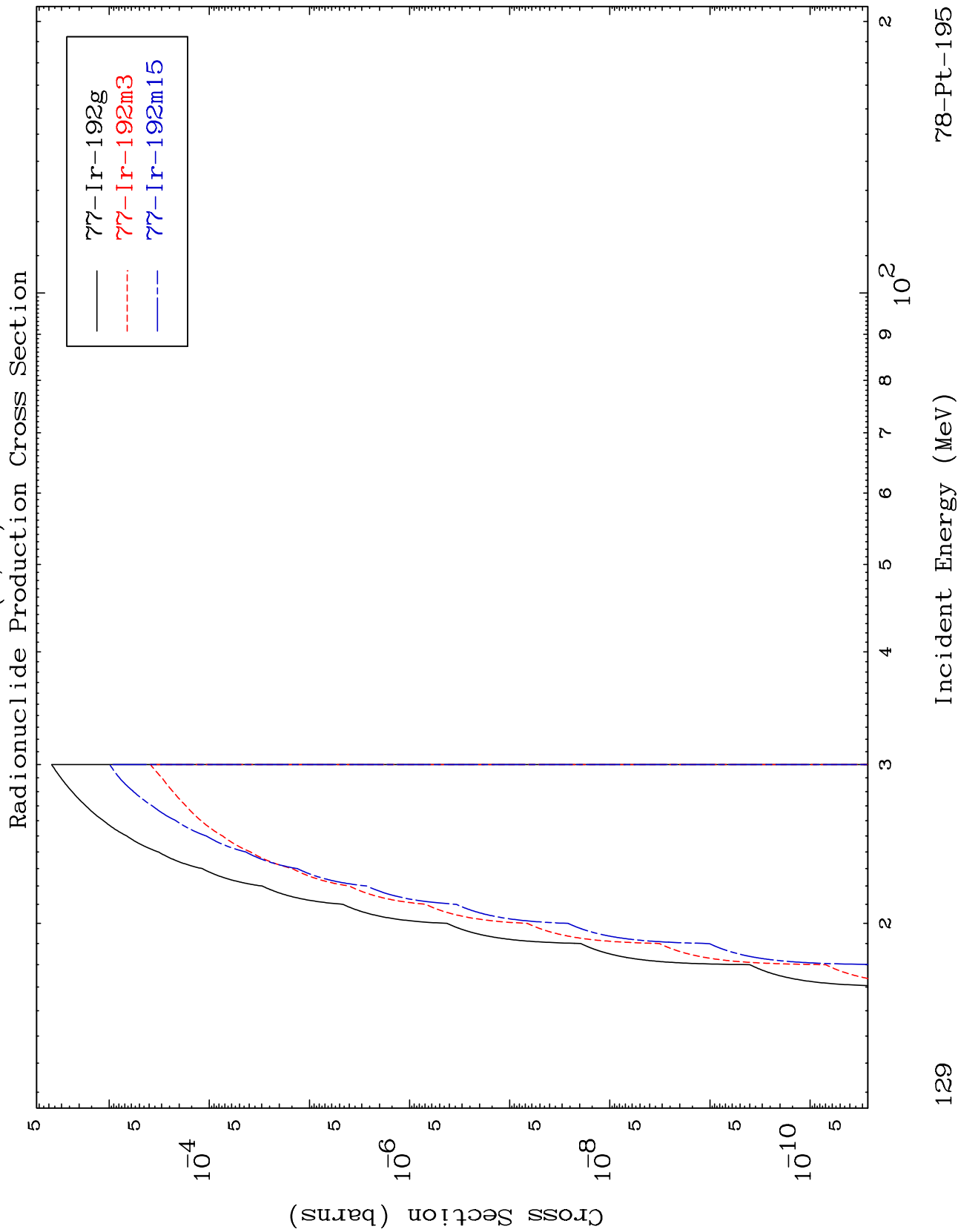
Incident Energy (MeV)

78-Pt-195



Radionuclide Production Cross Section



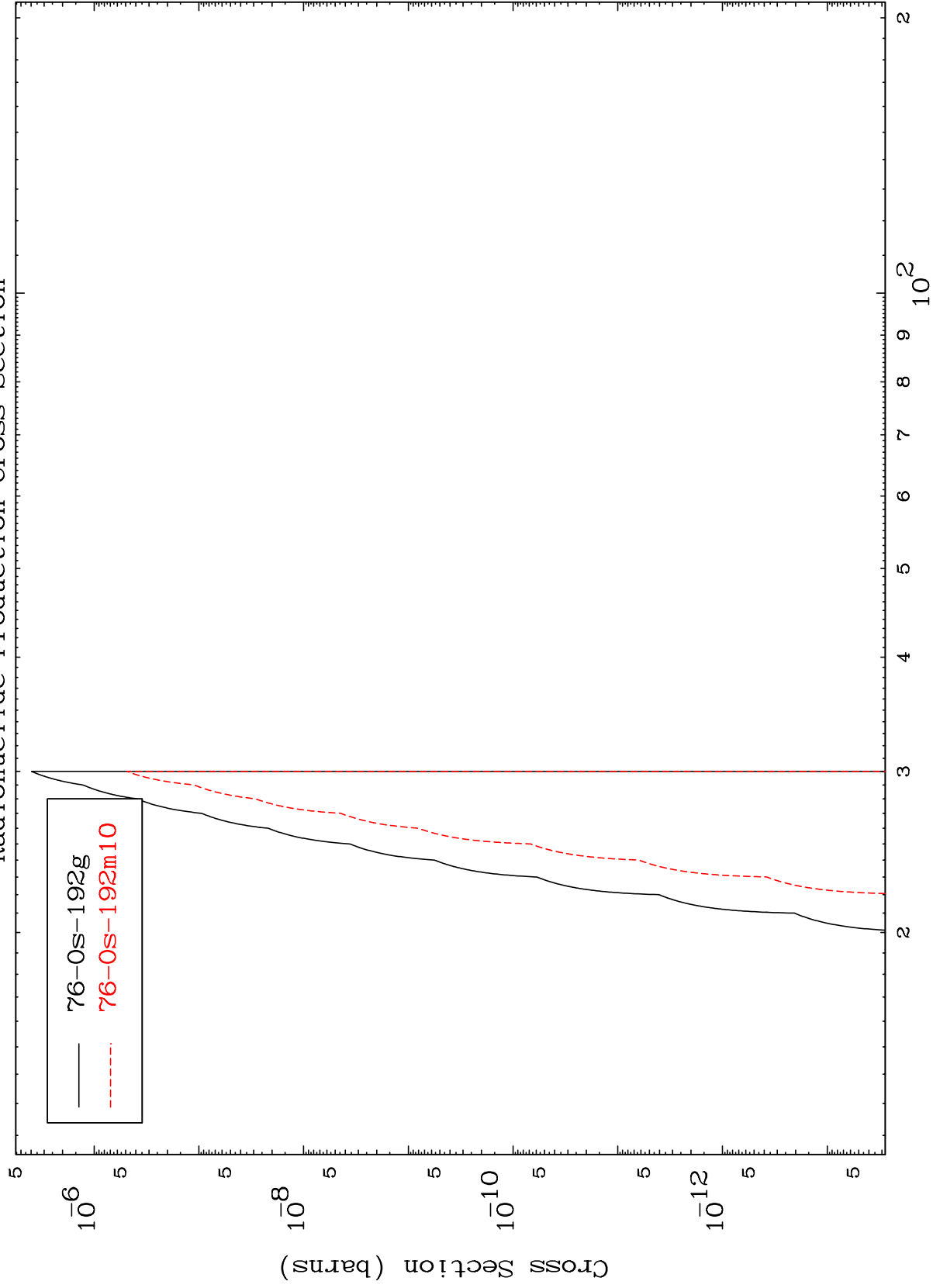


MAT 7840

(n,n') He-3

78-Pt-195

Radionuclide Production Cross Section



130

Incident Energy (MeV)

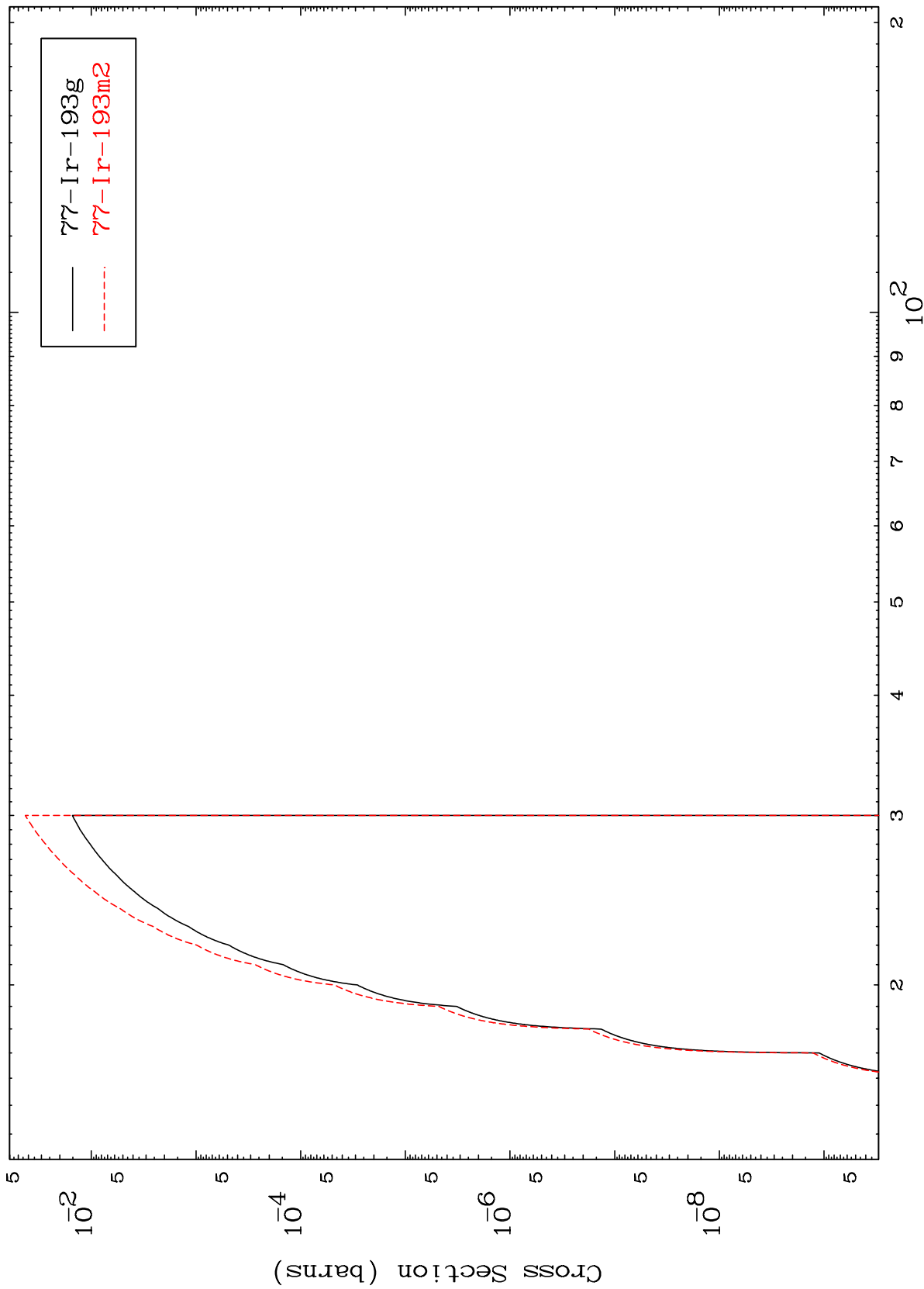
78-Pt-195

MAT 7840

(n,2n) p

78-Pt-195

Radionuclide Production Cross Section



131

Incident Energy (MeV)

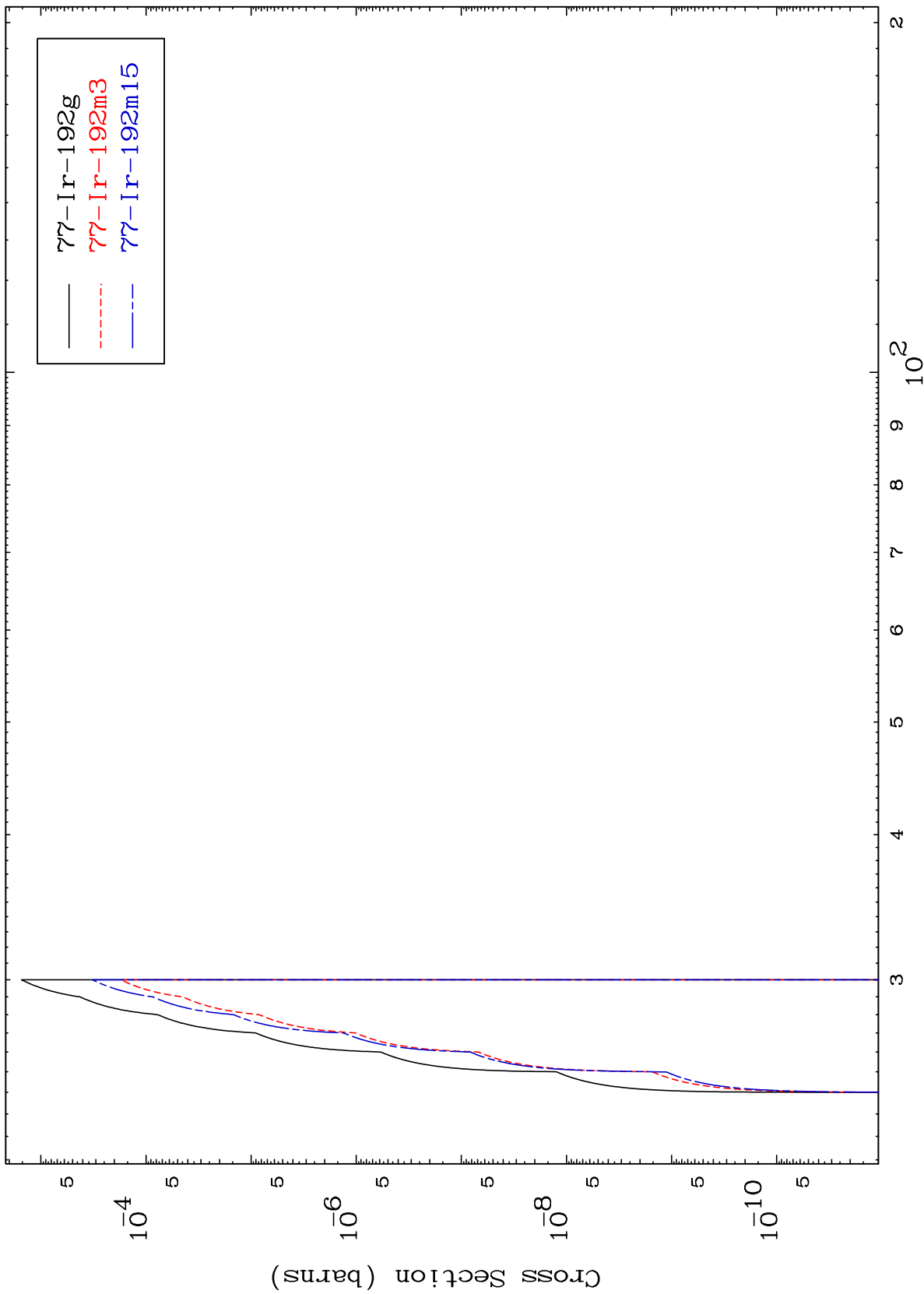
78-Pt-195

MAT 7840

(n,3n) p

78-Pt-195

Radionuclide Production Cross Section



132

Incident Energy (MeV)

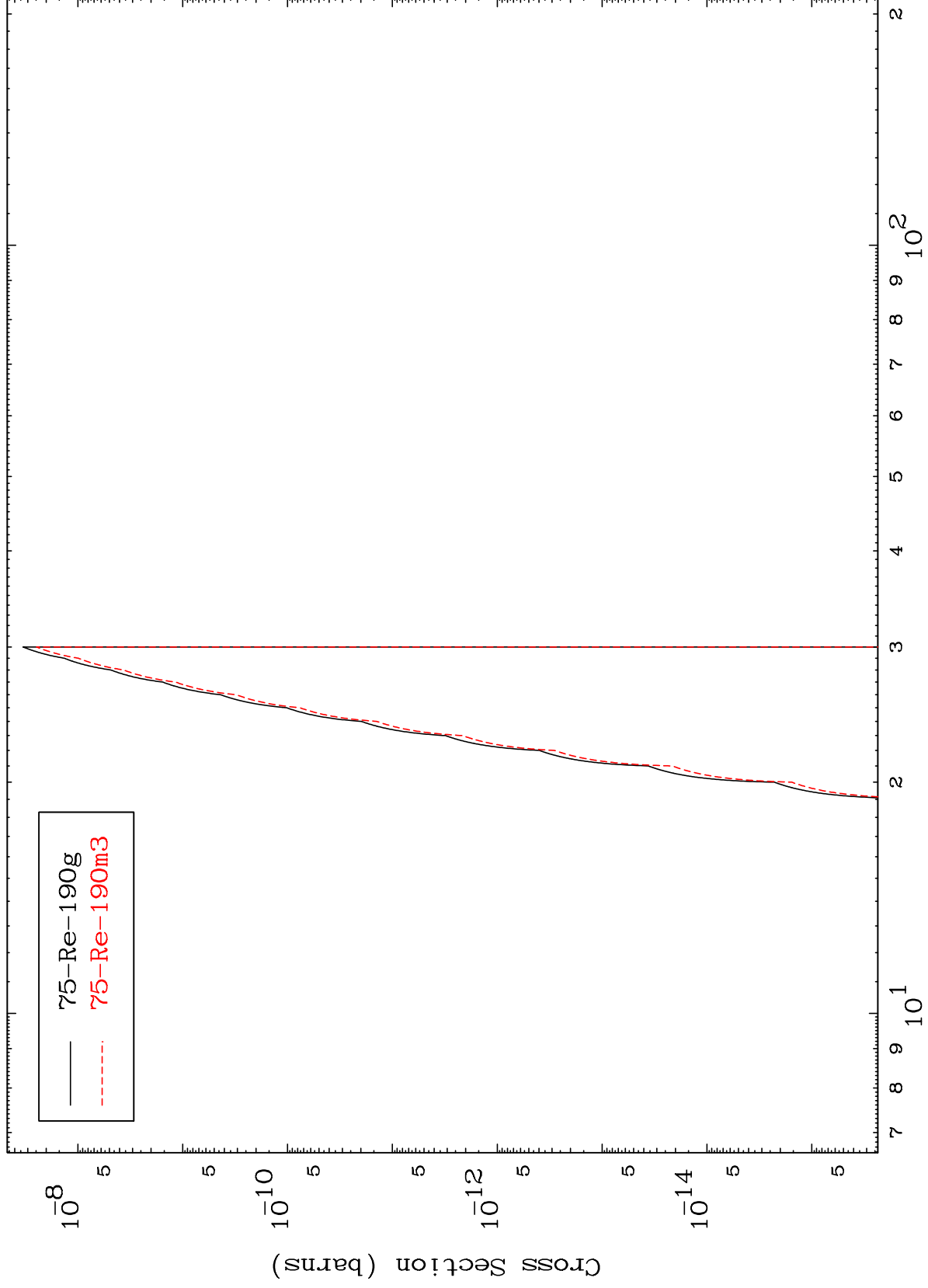
78-Pt-195

MAT 7840

(n,n') p  $\alpha$

78-Pt-195

Radionuclide Production Cross Section



133

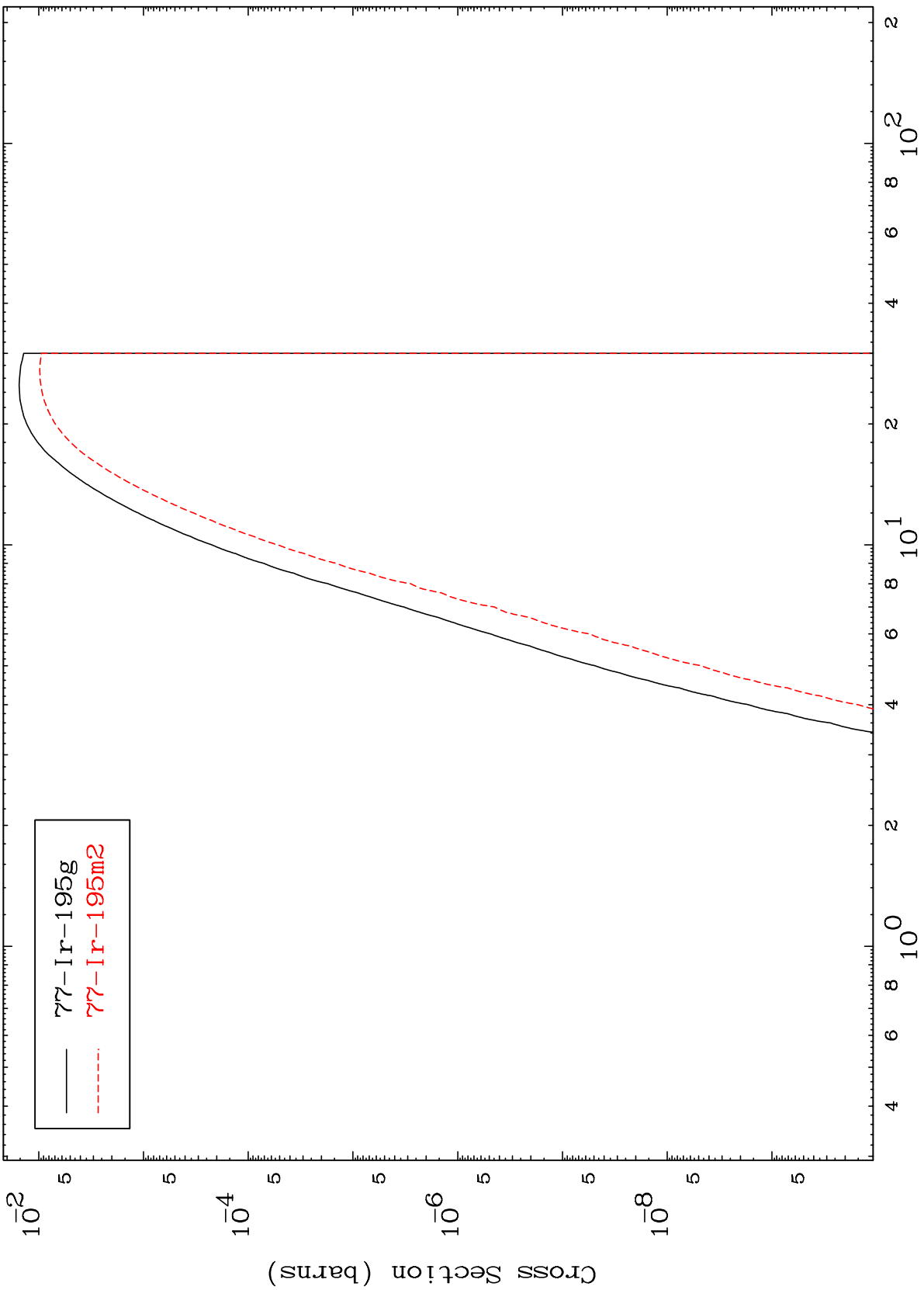
Incident Energy (MeV)

78-Pt-195

MAT 7840

78-Pt-195

(n,p)  
Radionuclide Production Cross Section



—  $^{77}\text{Ir-195g}$   
- - -  $^{77}\text{Ir-195m2}$

134

Incident Energy (MeV)

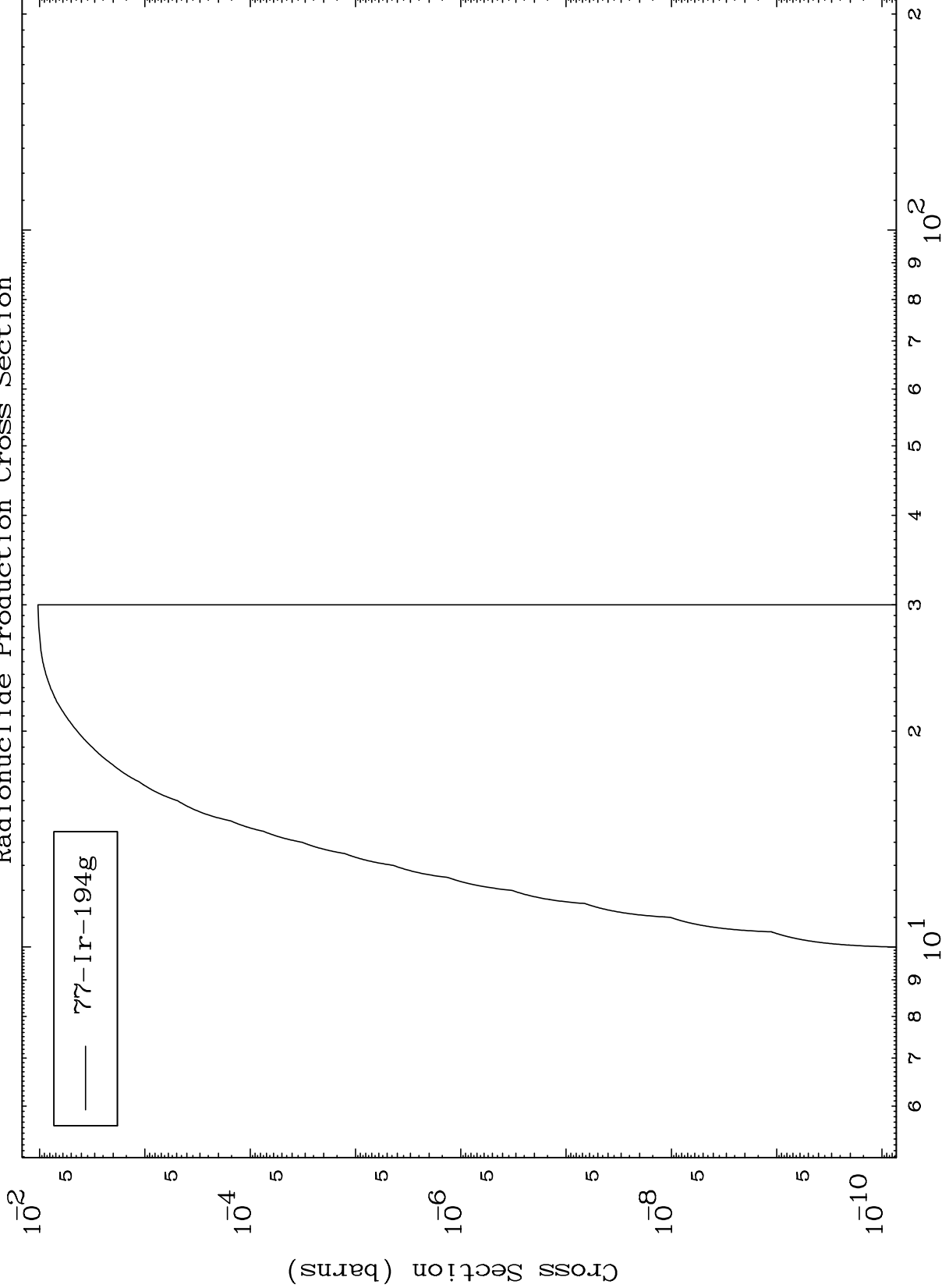
78-Pt-195

MAT 7840

(n,d)

78-Pt-195

Radionuclide Production Cross Section



135

Incident Energy (MeV)

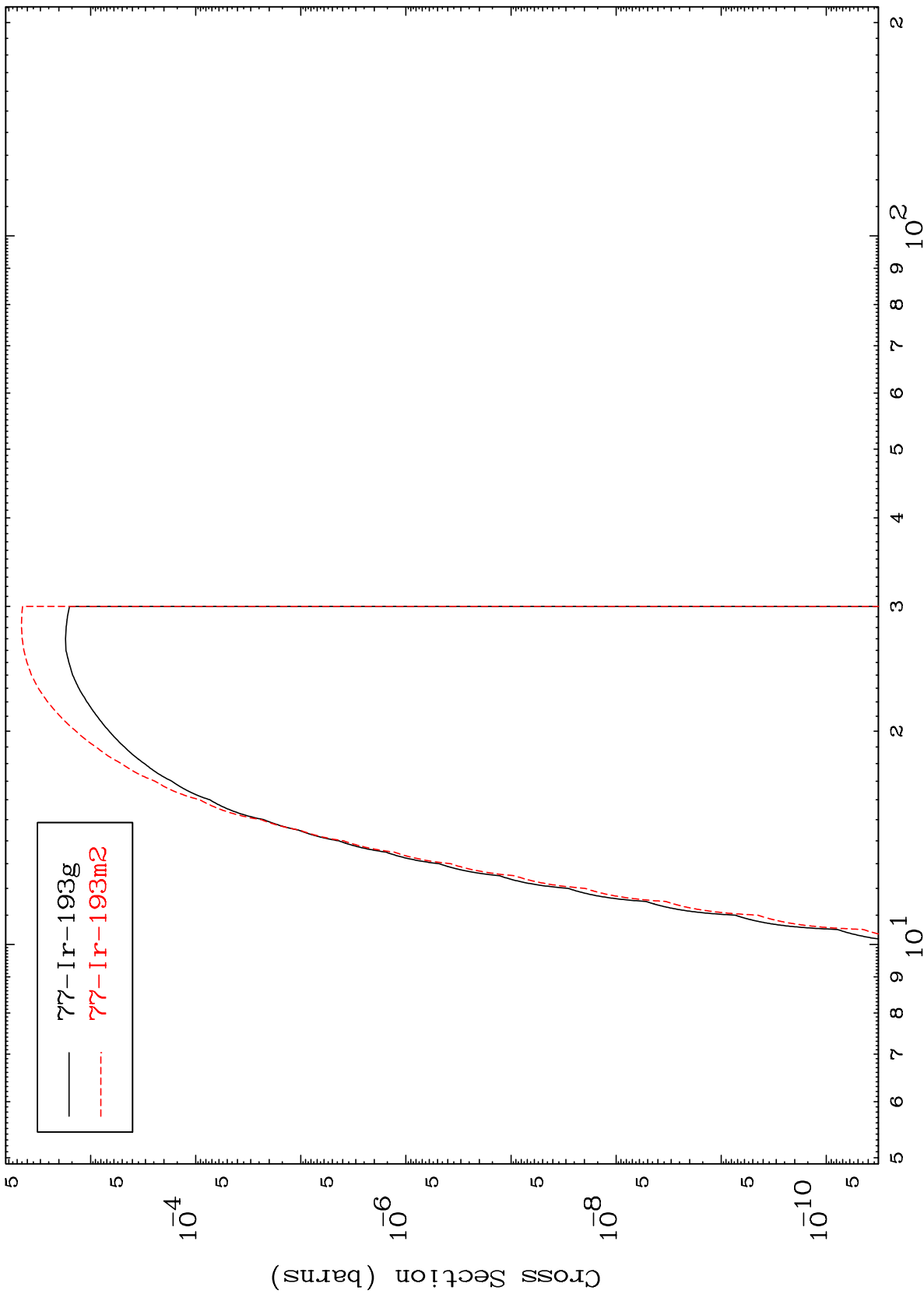
78-Pt-195



MAT 7840

78-Pt-195

(n, t)  
Radionuclide Production Cross Section



Incident Energy (MeV)

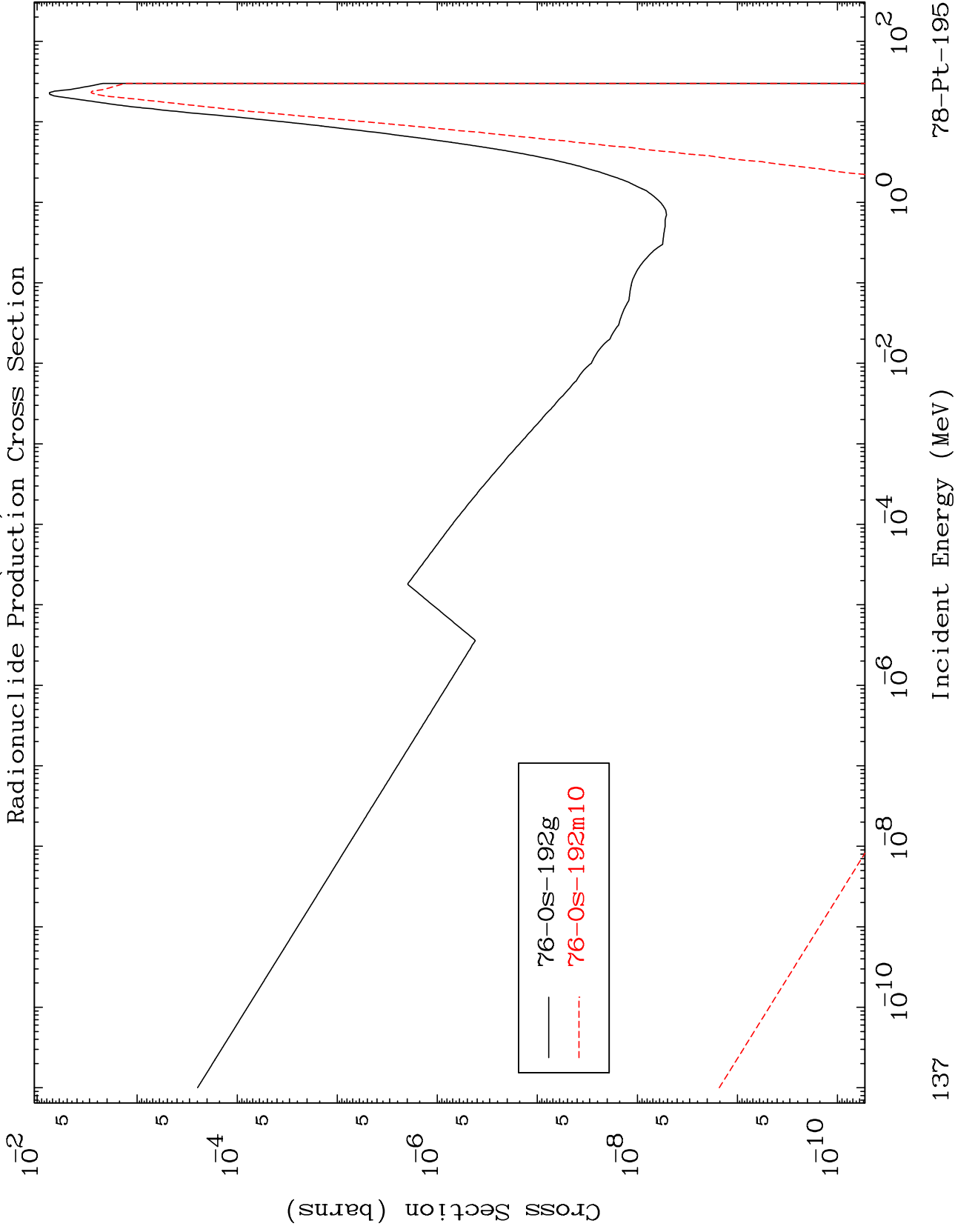
78-Pt-195

136

MAT 7840

78-Pt-195

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

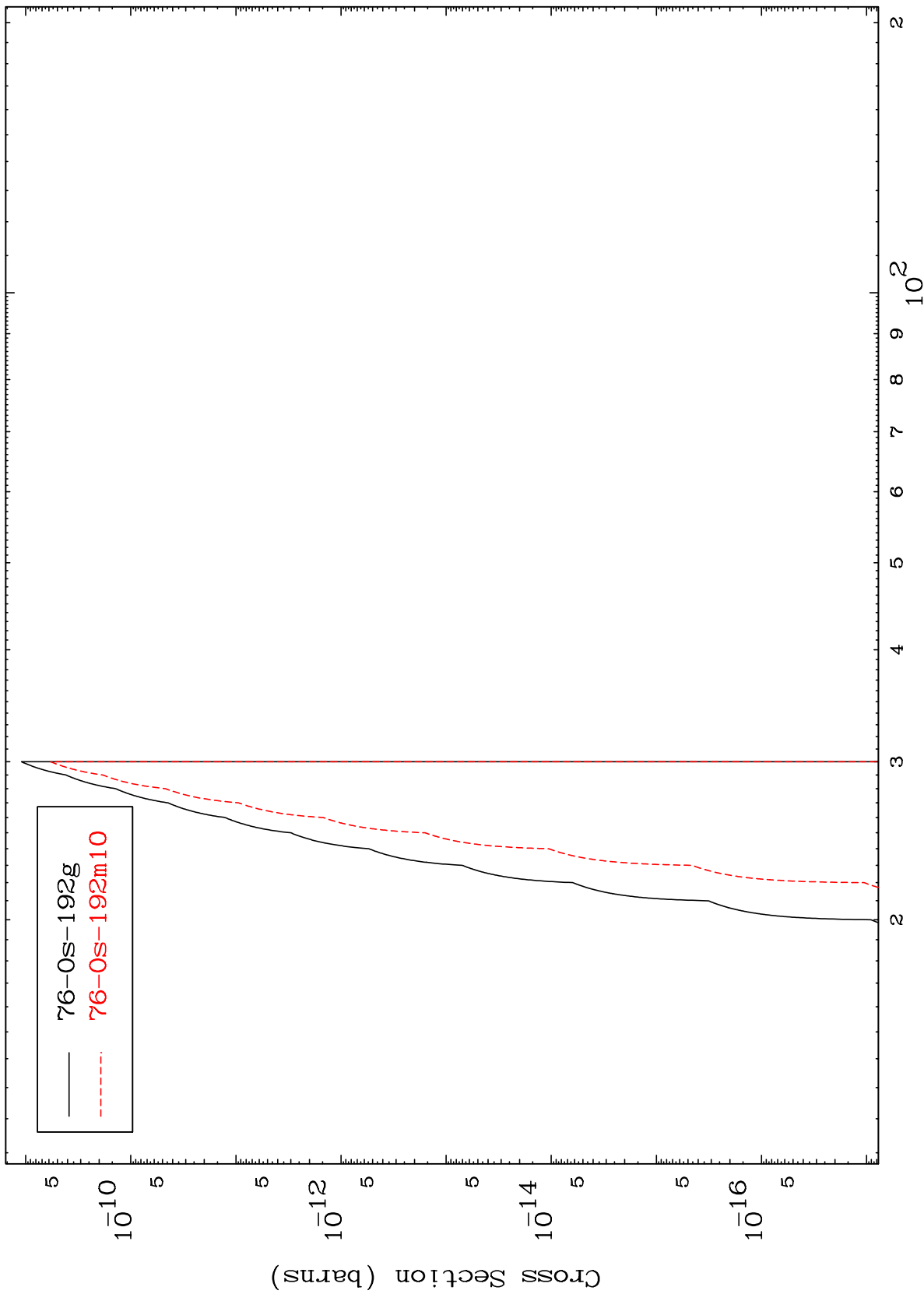


MAT 7840

(n,p) t

78-Pt-195

Radionuclide Production Cross Section



76-Os-192g  
76-Os-192m10