

Program EVALPLOT  
(Version 2015-2)

by

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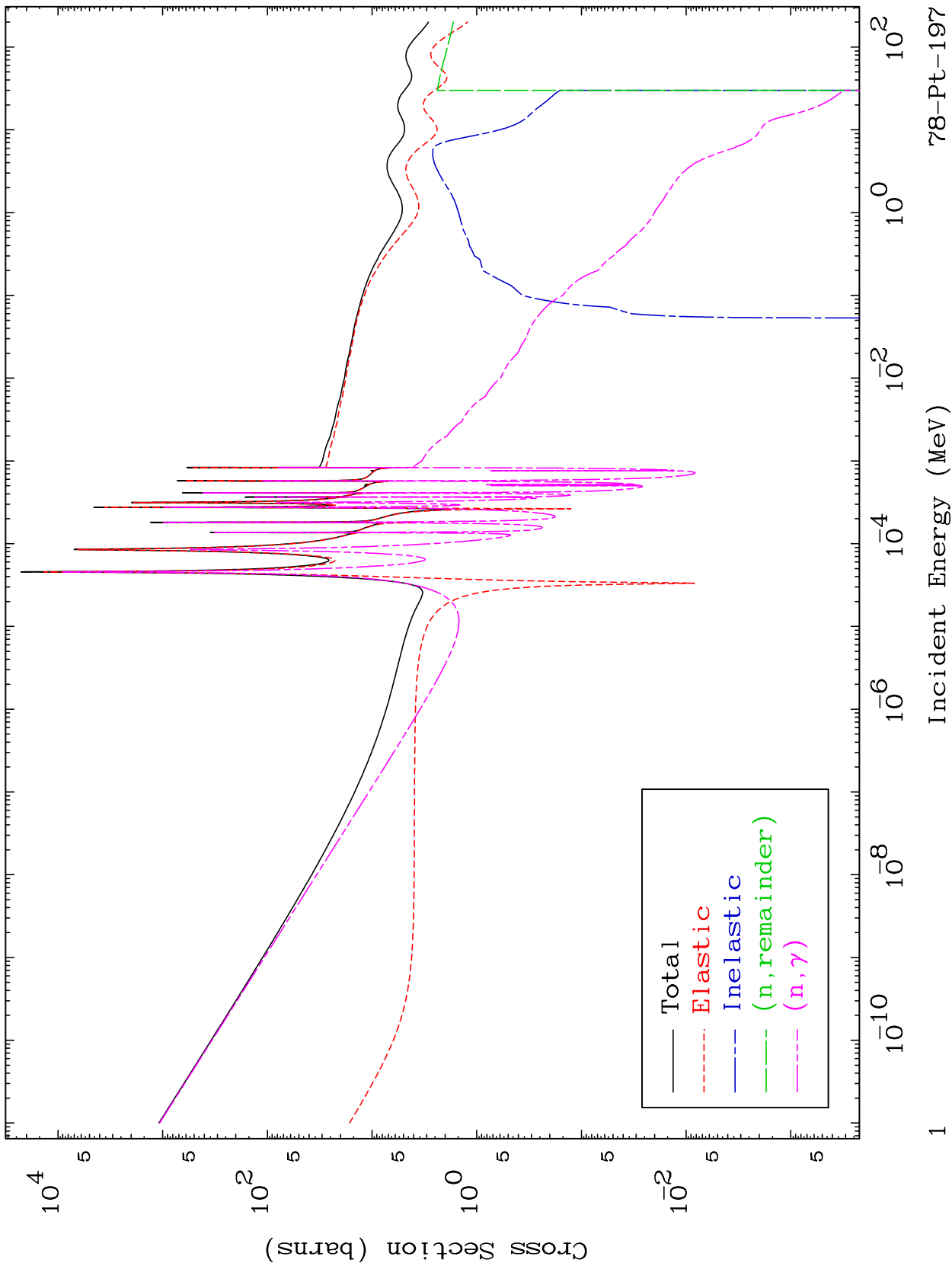
Press Mouse Button to Start

MAT 7846

Major

293 Kelvin Cross Sections

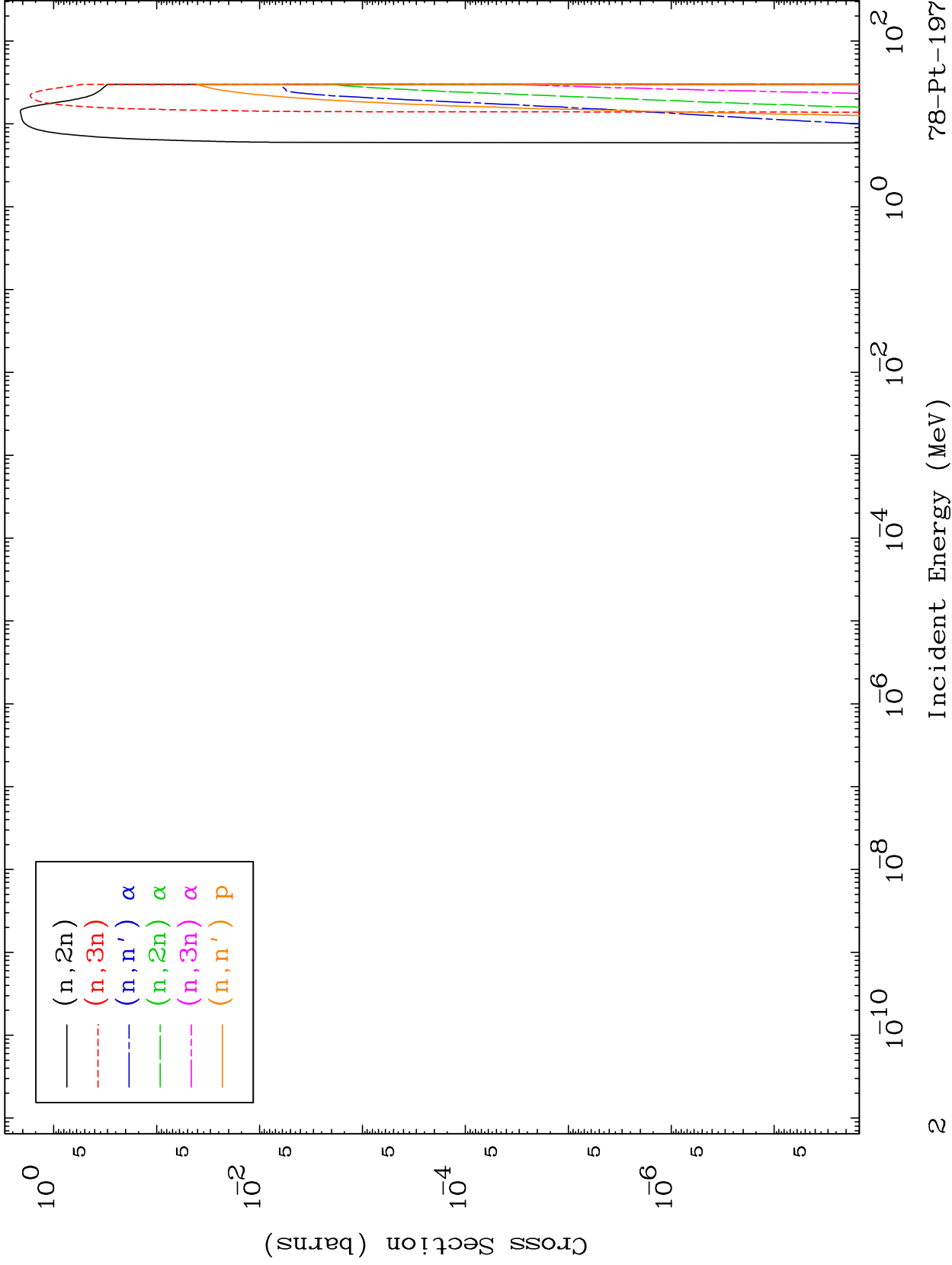
78-Pt-197

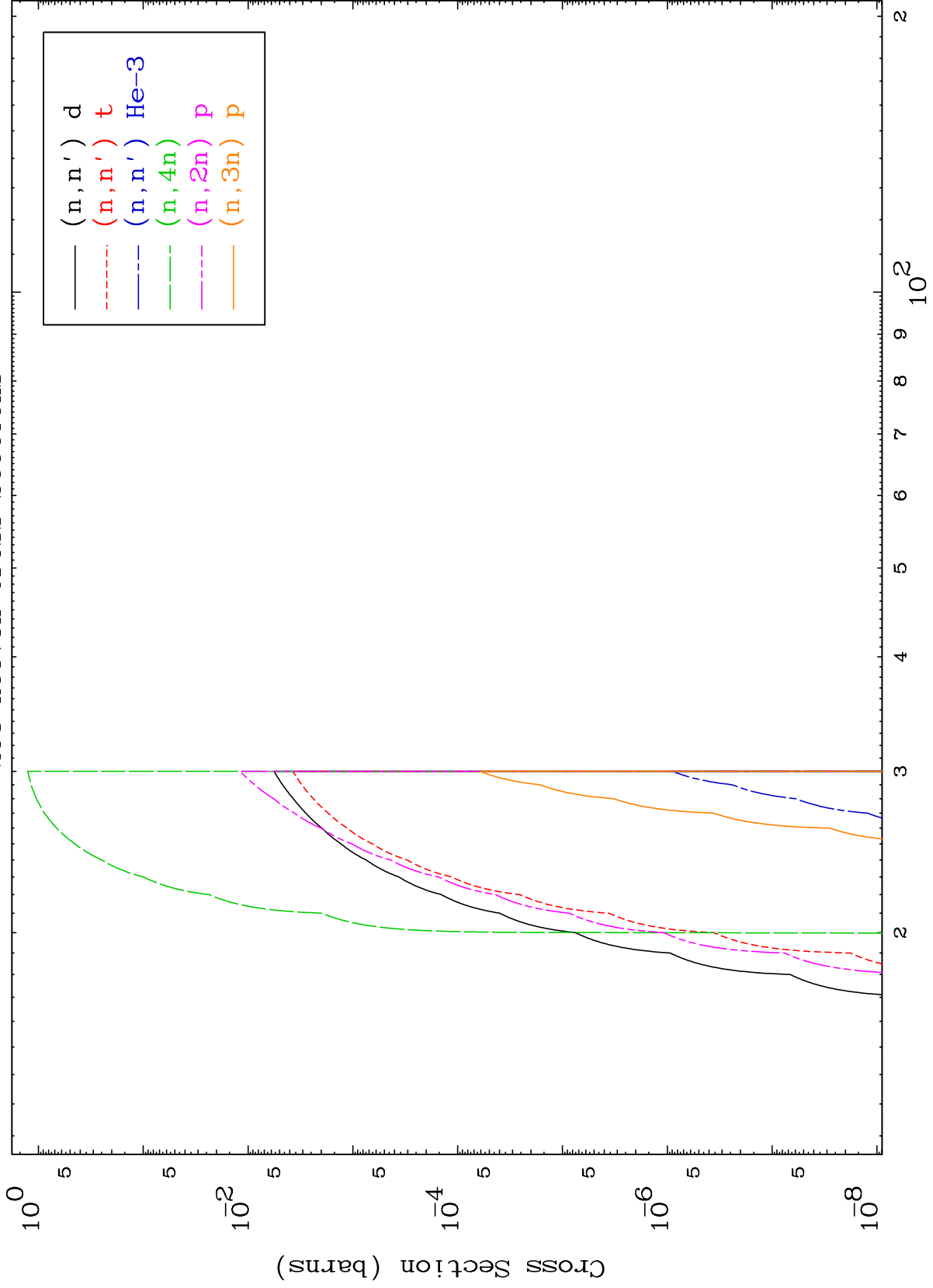


MAT 7846

Neutron Production  
293 Kelvin Cross Sections

78-Pt-197

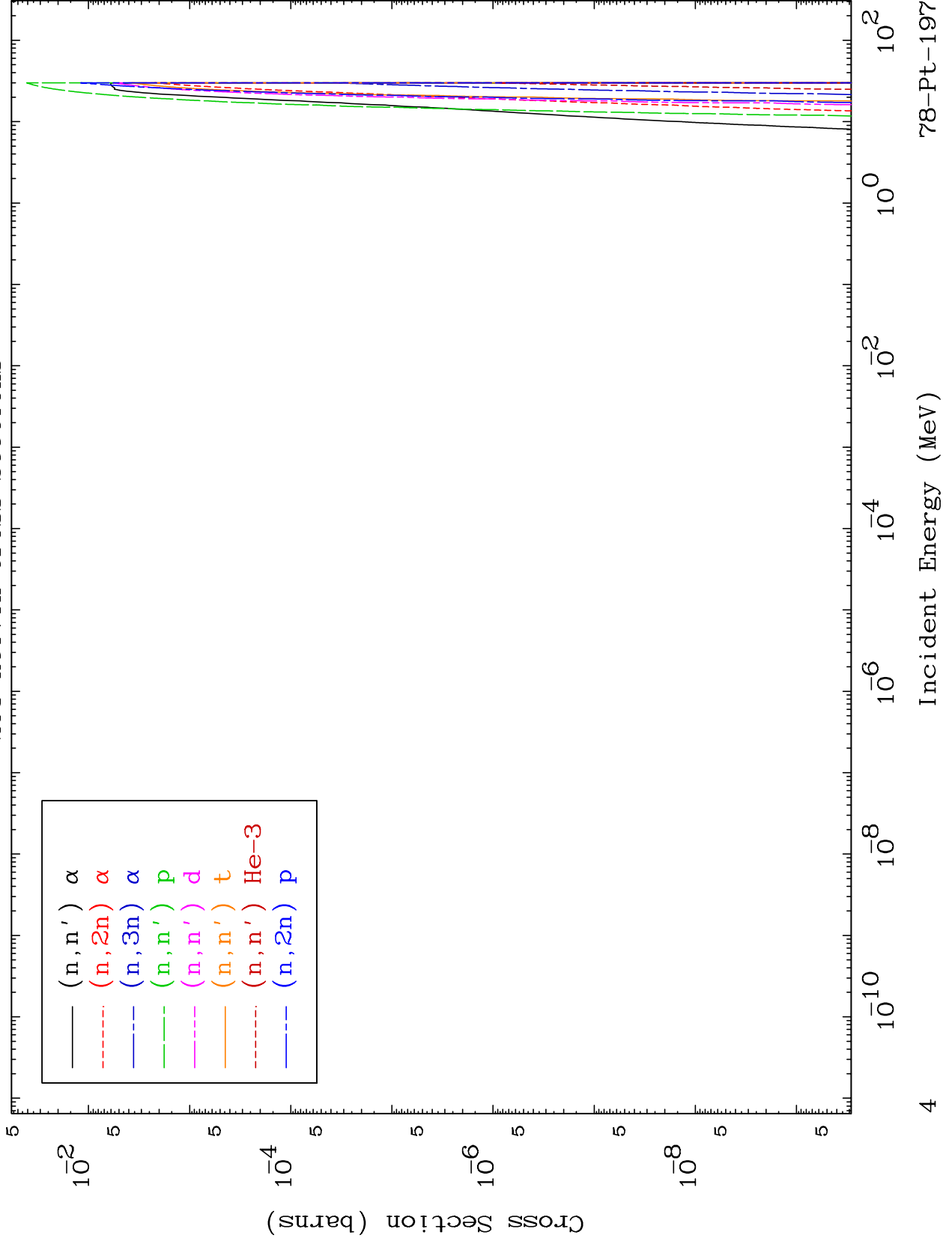




MAT 7846

Charged Particle  
293 Kelvin Cross Sections

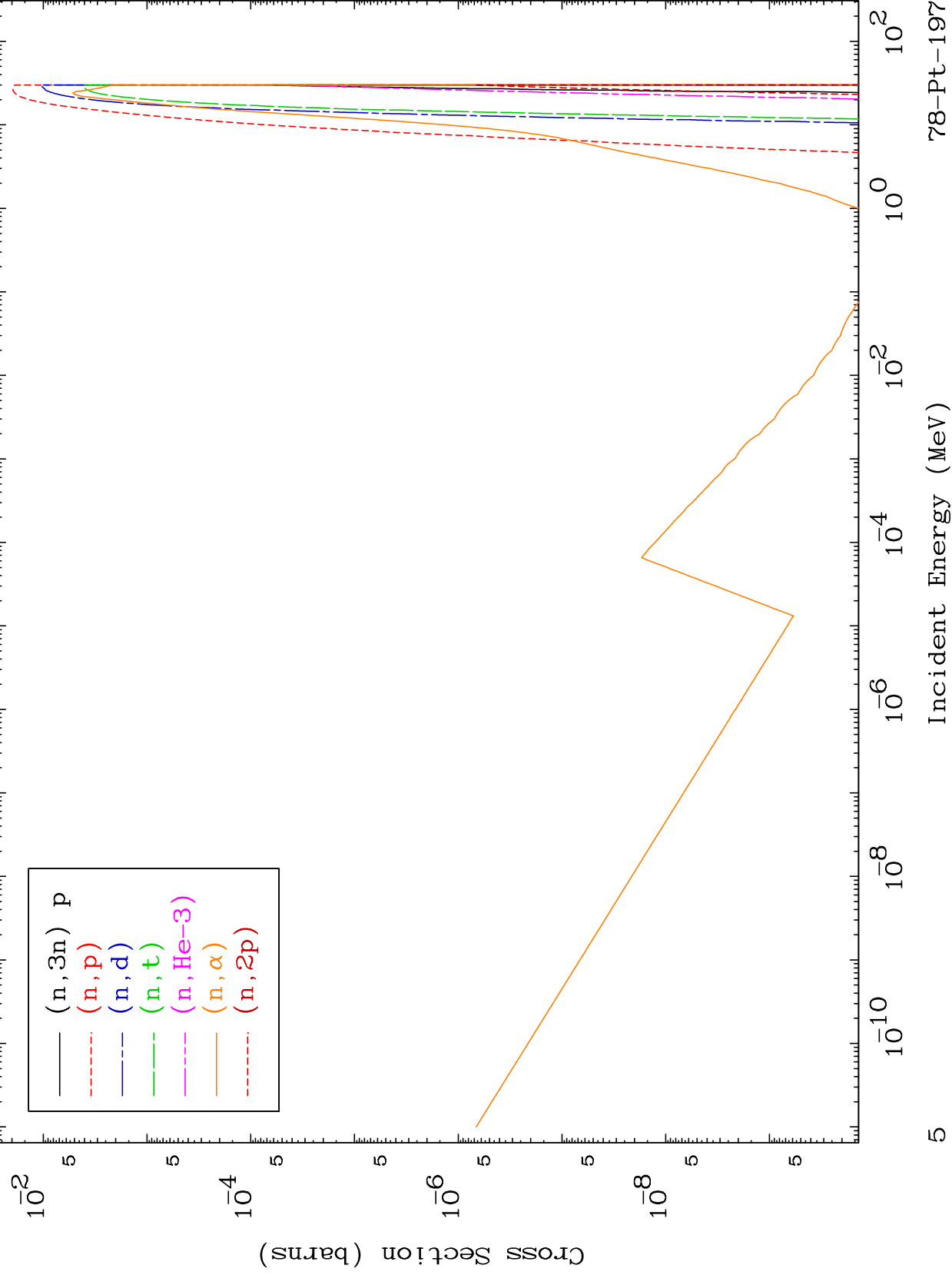
78-Pt-197

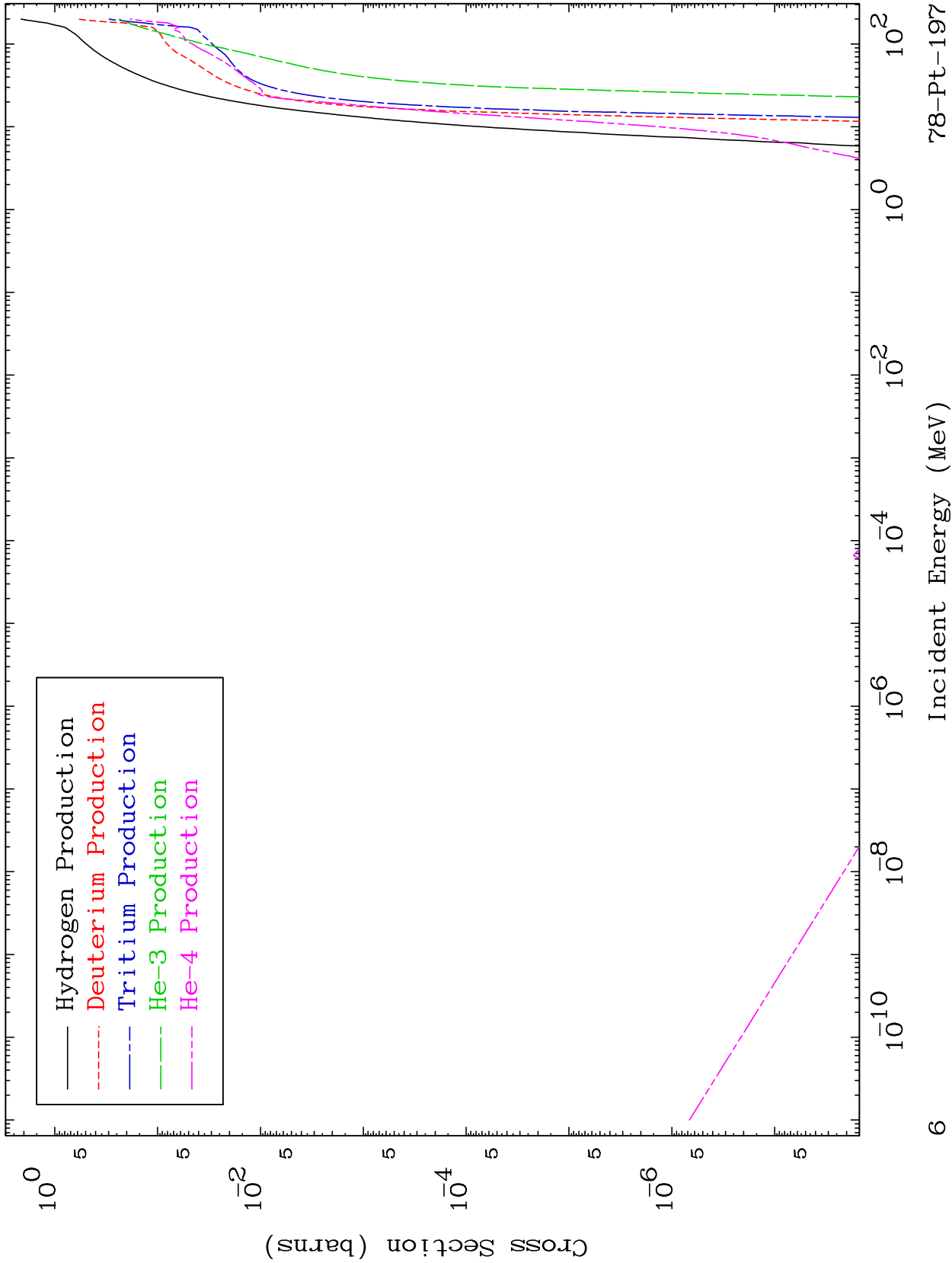


MAT 7846

Charged Particle  
293 Kelvin Cross Sections

78-Pt-197

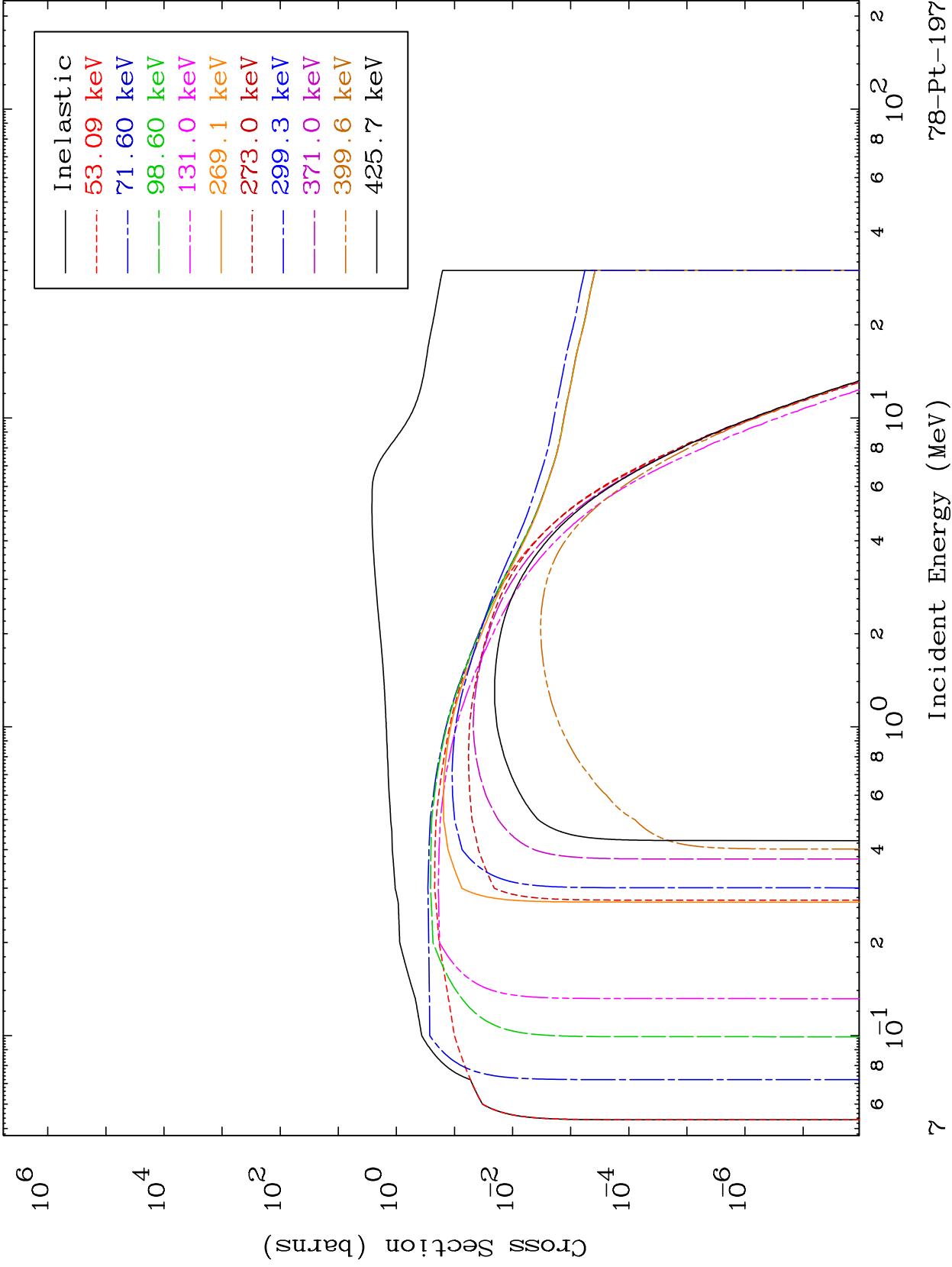




MAT 7846

(n,n') Level  
293 Kelvin Cross Sections

78-Pt-197



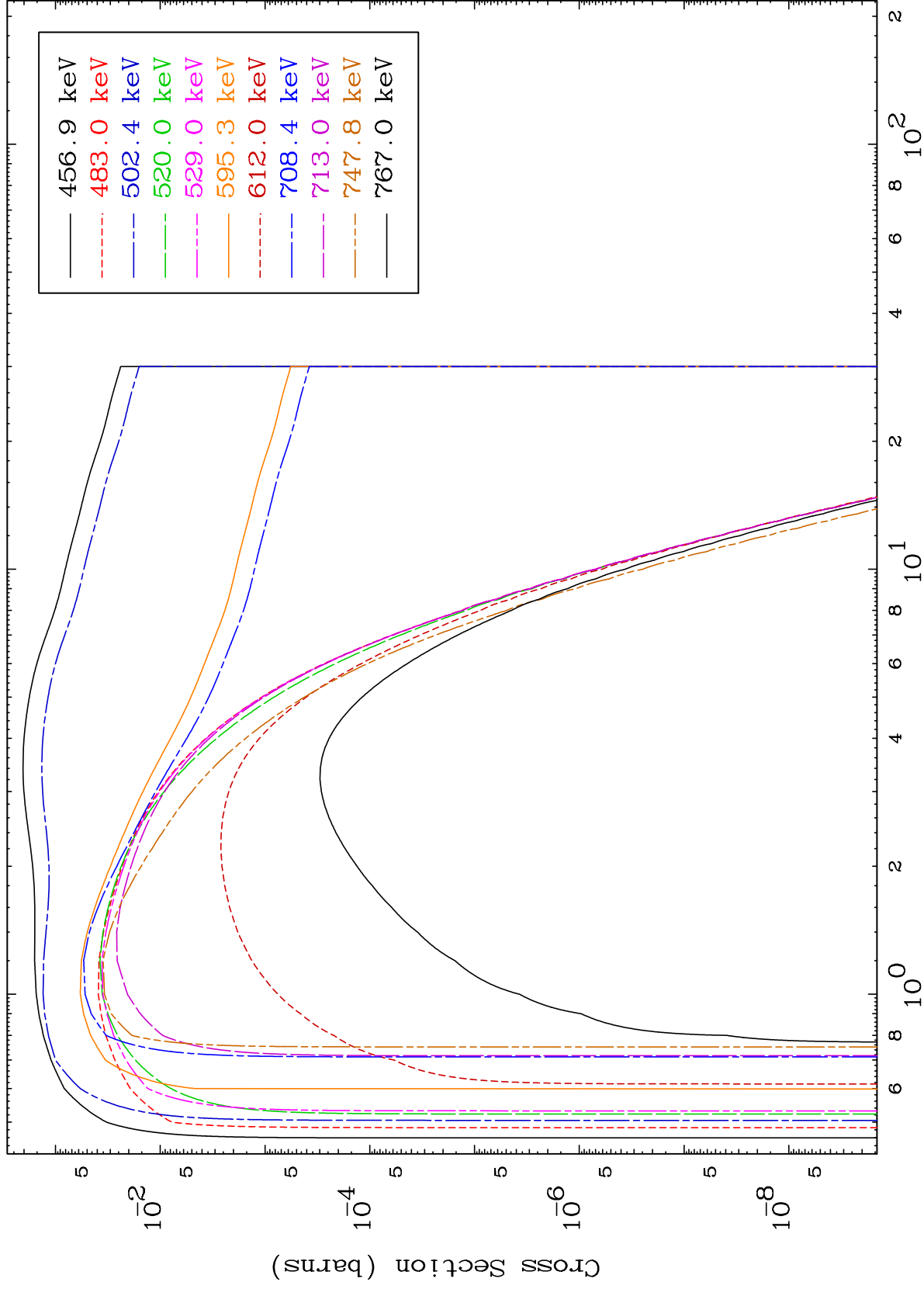


MAT 7846

(n,n') Level

78-Pt-197

293 Kelvin Cross Sections



8

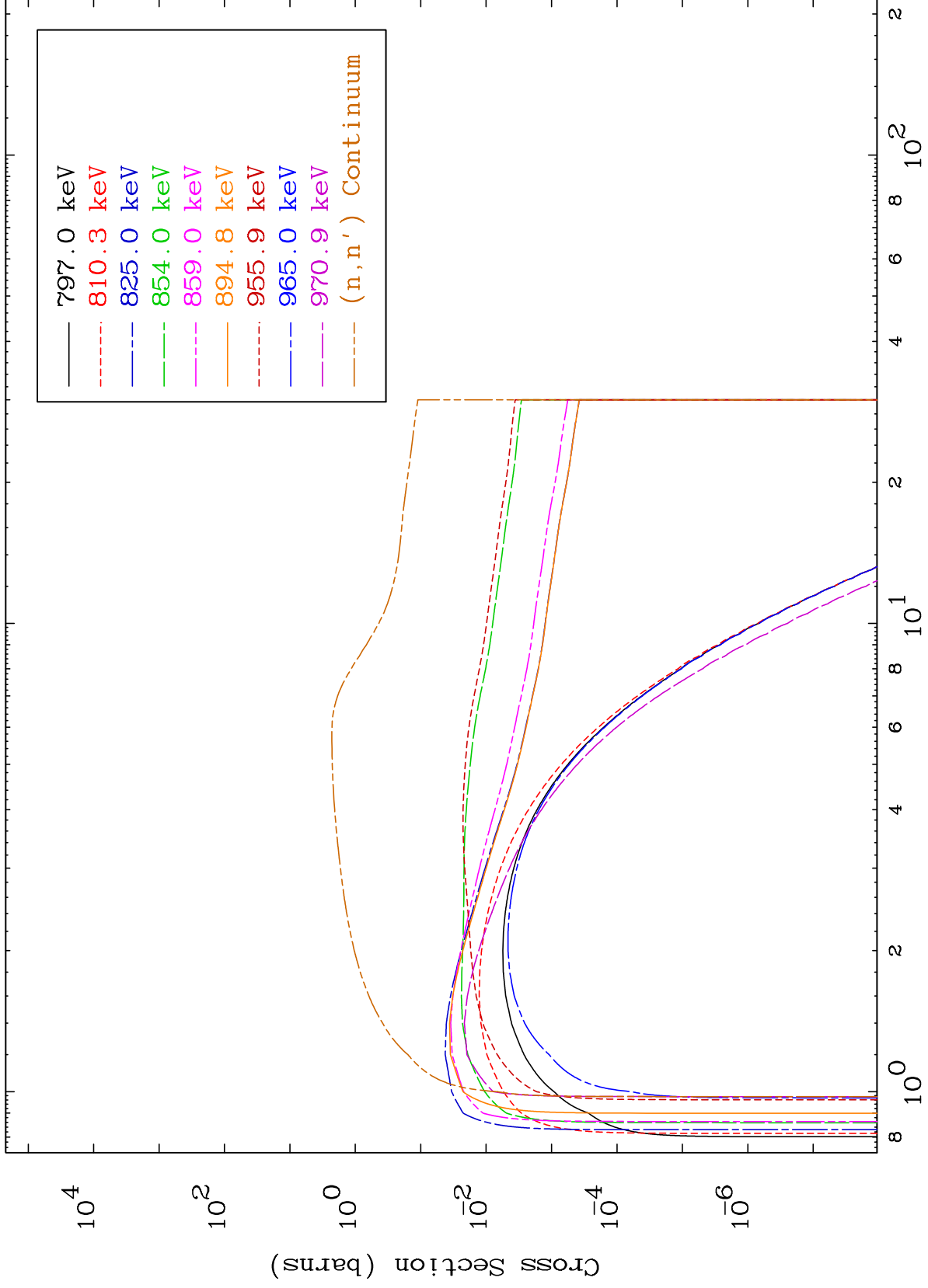
Incident Energy (MeV)

78-Pt-197

MAT 7846

(n,n') Level  
293 Kelvin Cross Sections

78-Pt-197



Incident Energy (MeV)

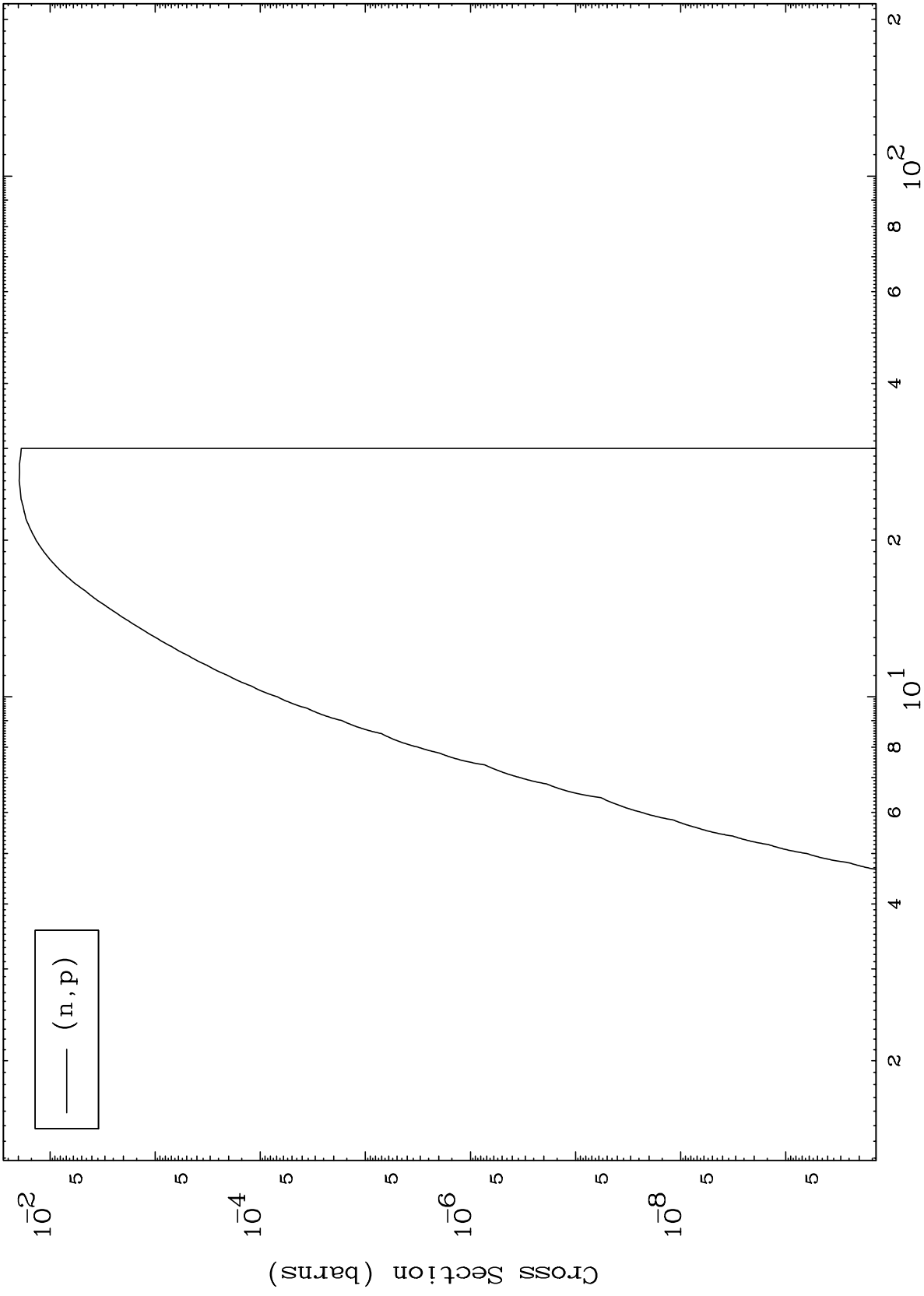
78-Pt-197

9

MAT 7846

(n,p) Levels  
293 Kelvin Cross Sections

78-Pt-197



10

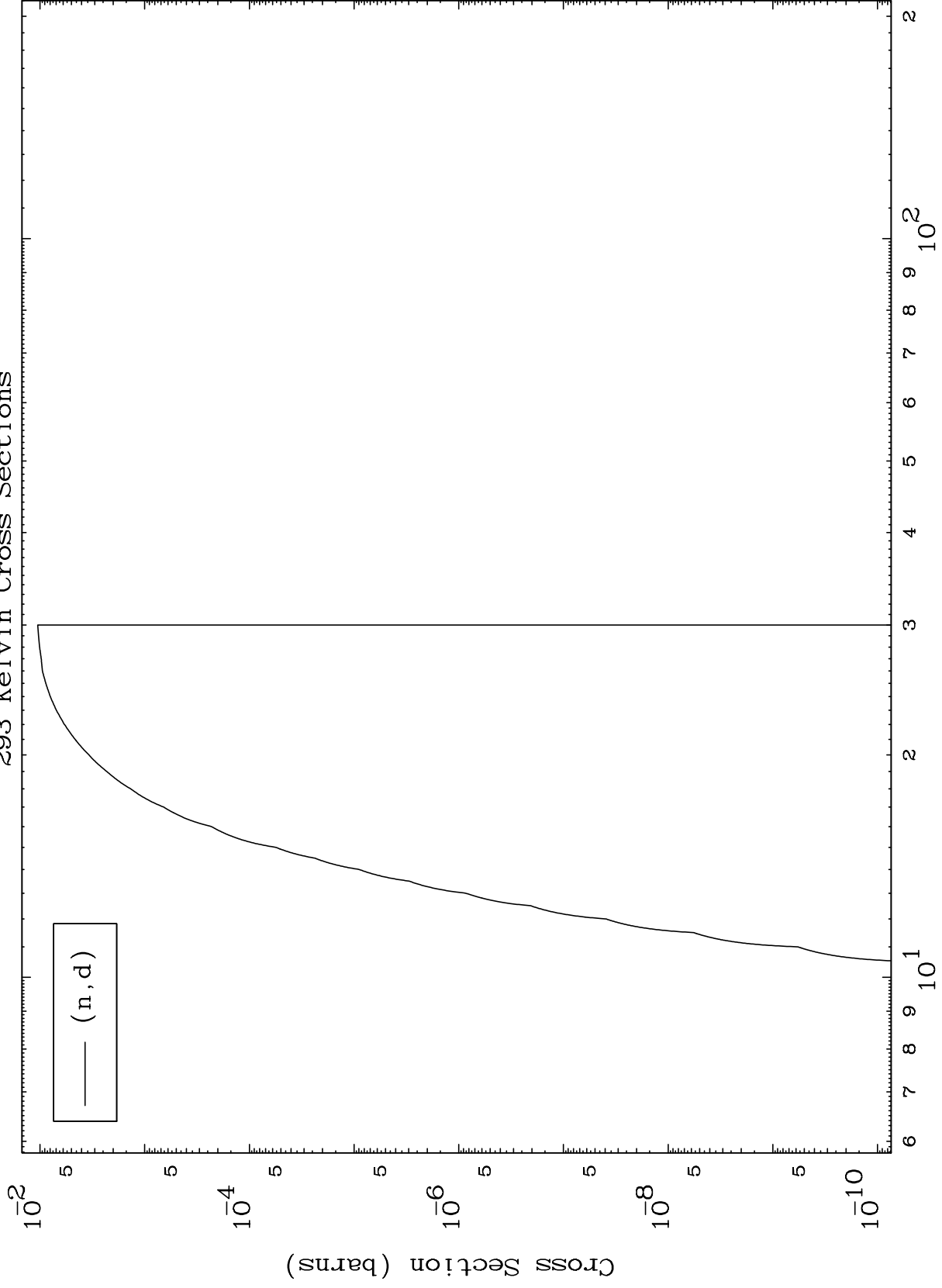
Incident Energy (MeV)

78-Pt-197

MAT 7846

293 Kelvin Cross Sections  
(n,d) Levels

78-Pt-197



11

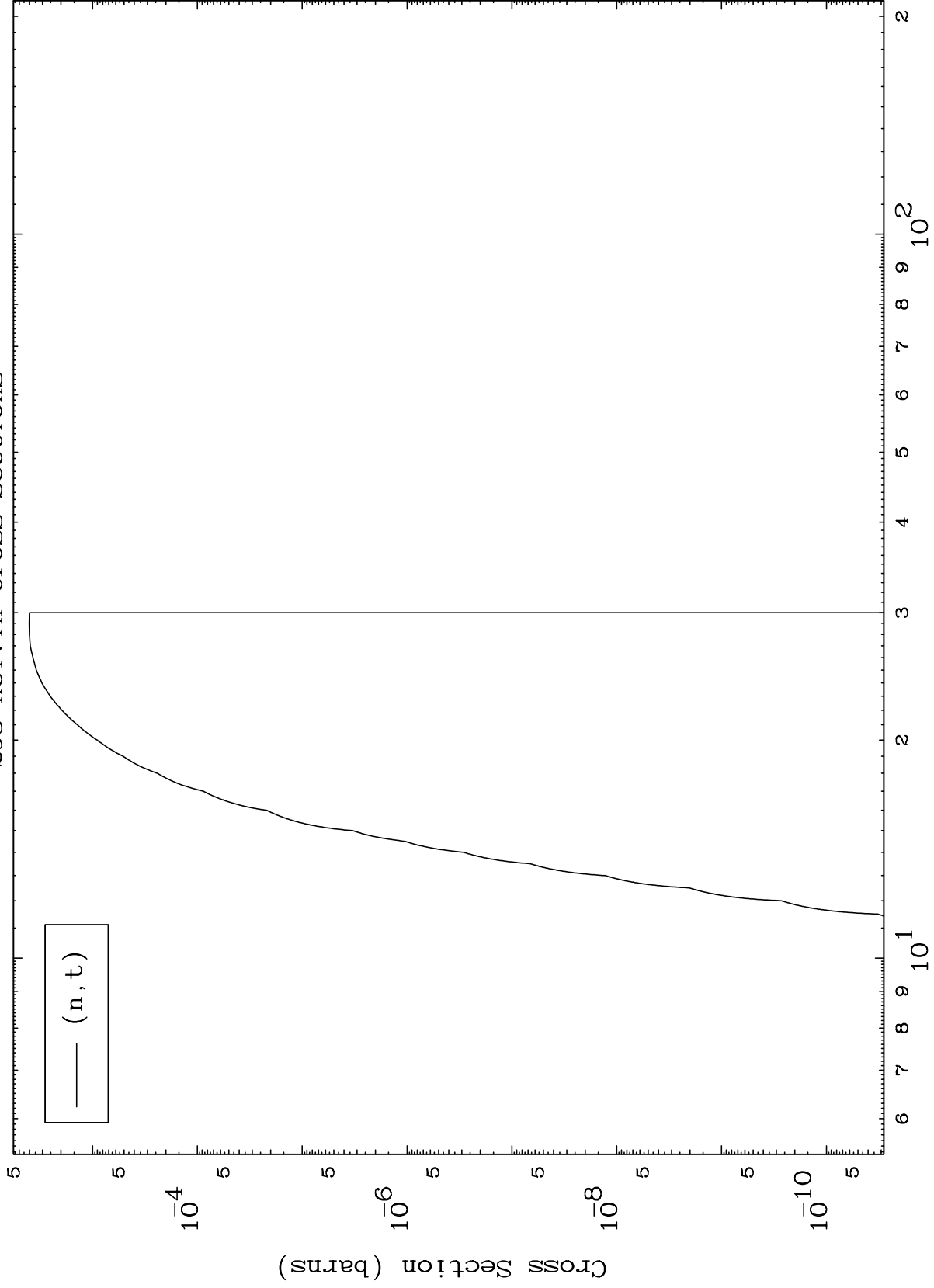
Incident Energy (MeV)

78-Pt-197

MAT 7846

(n,t) Levels  
293 Kelvin Cross Sections

78-Pt-197



12

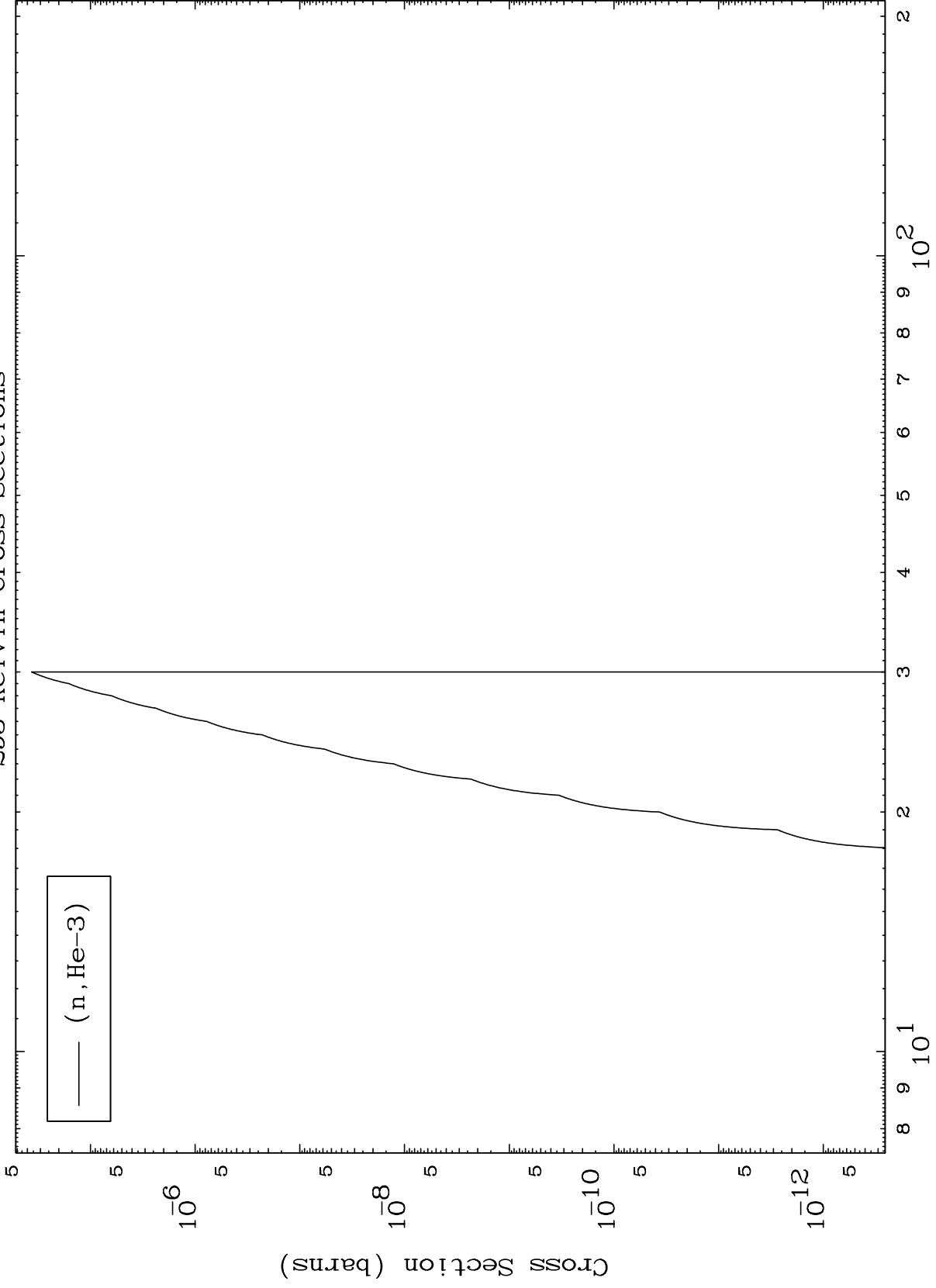
Incident Energy (MeV)

78-Pt-197

MAT 7846

(n,He3) Levels  
293 Kelvin Cross Sections

78-Pt-197



13

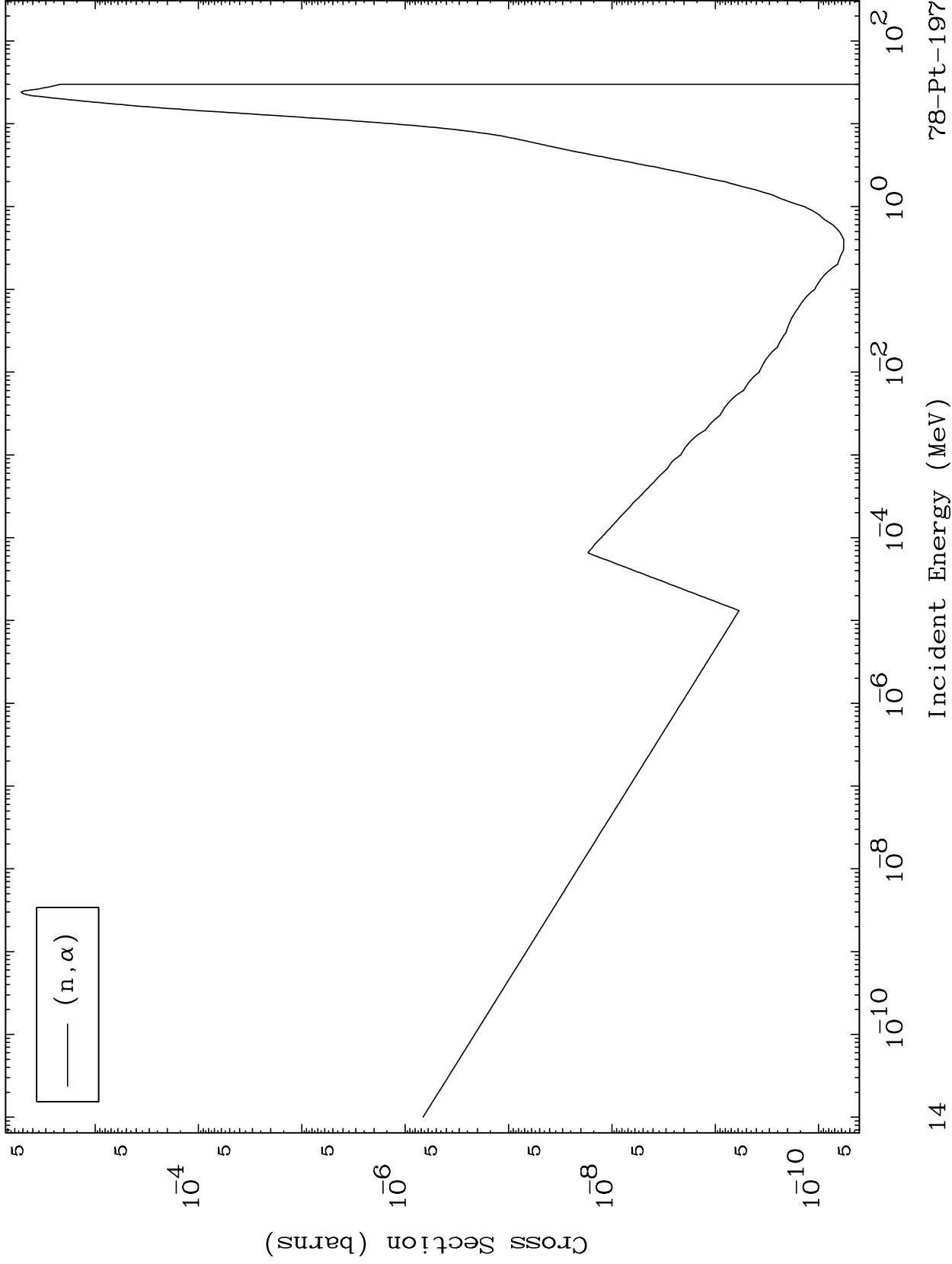
Incident Energy (MeV)

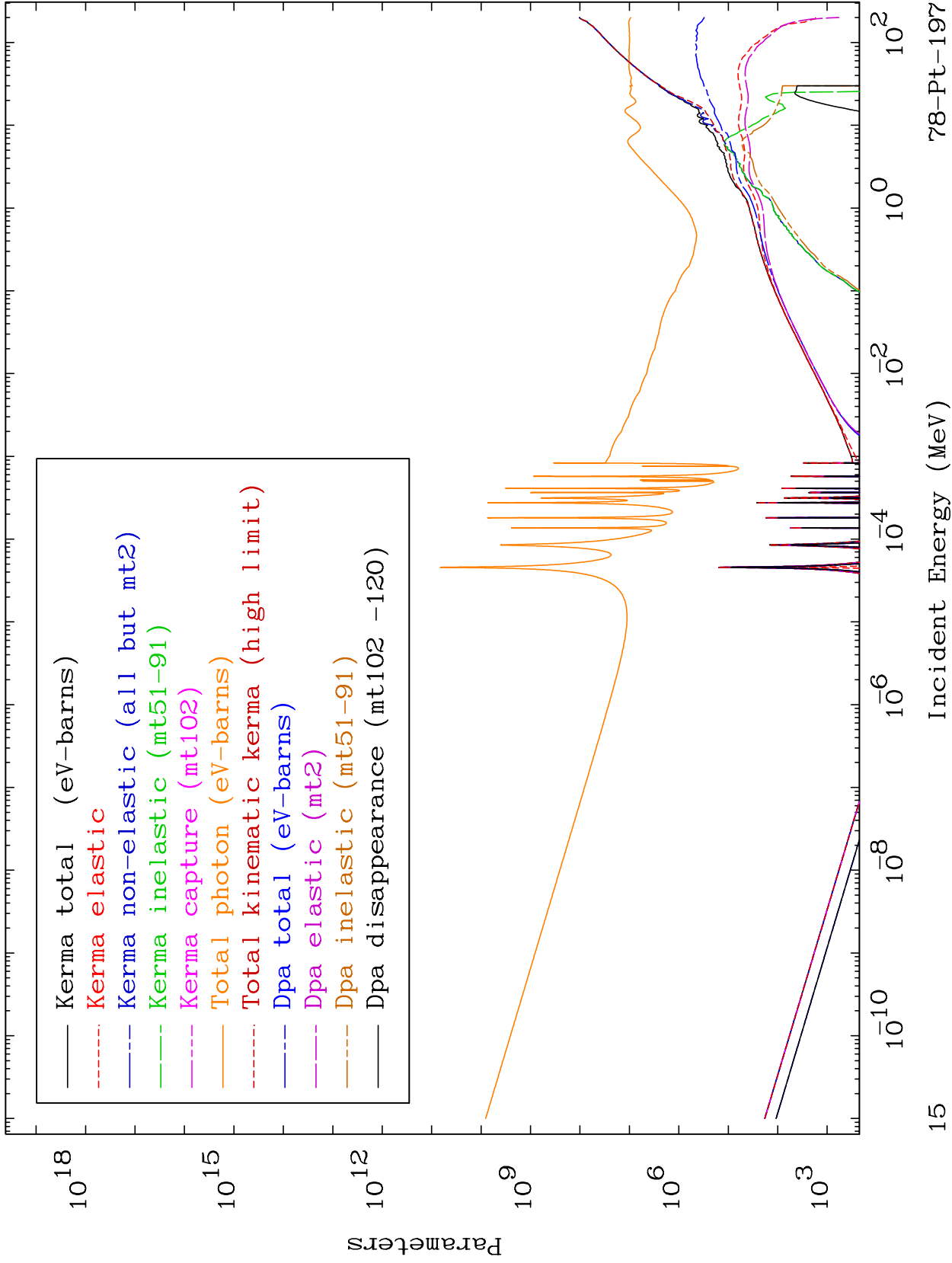
78-Pt-197

MAT 7846

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

78-Pt-197



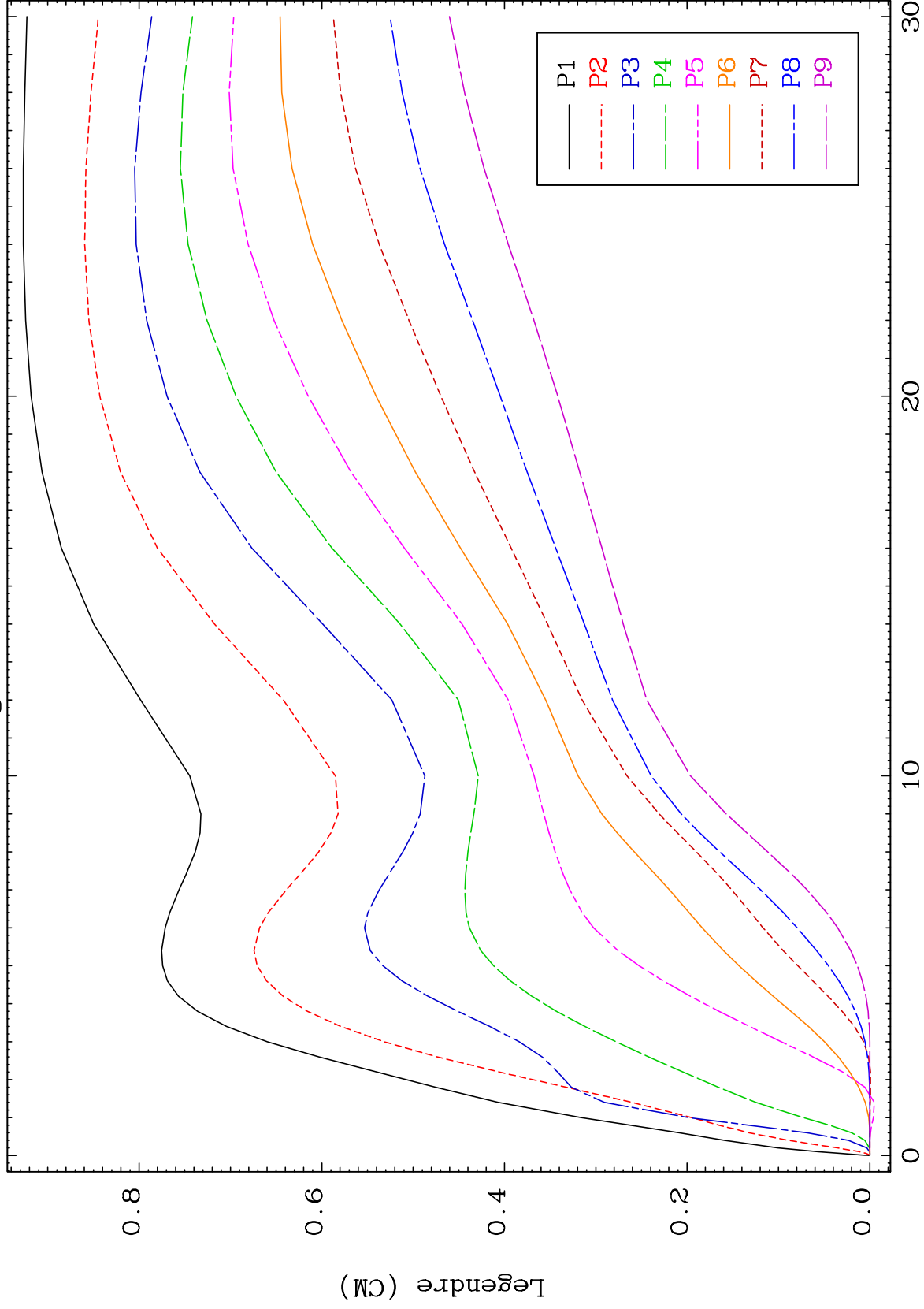




MAT 7846

Elastic Legendre Coefficients

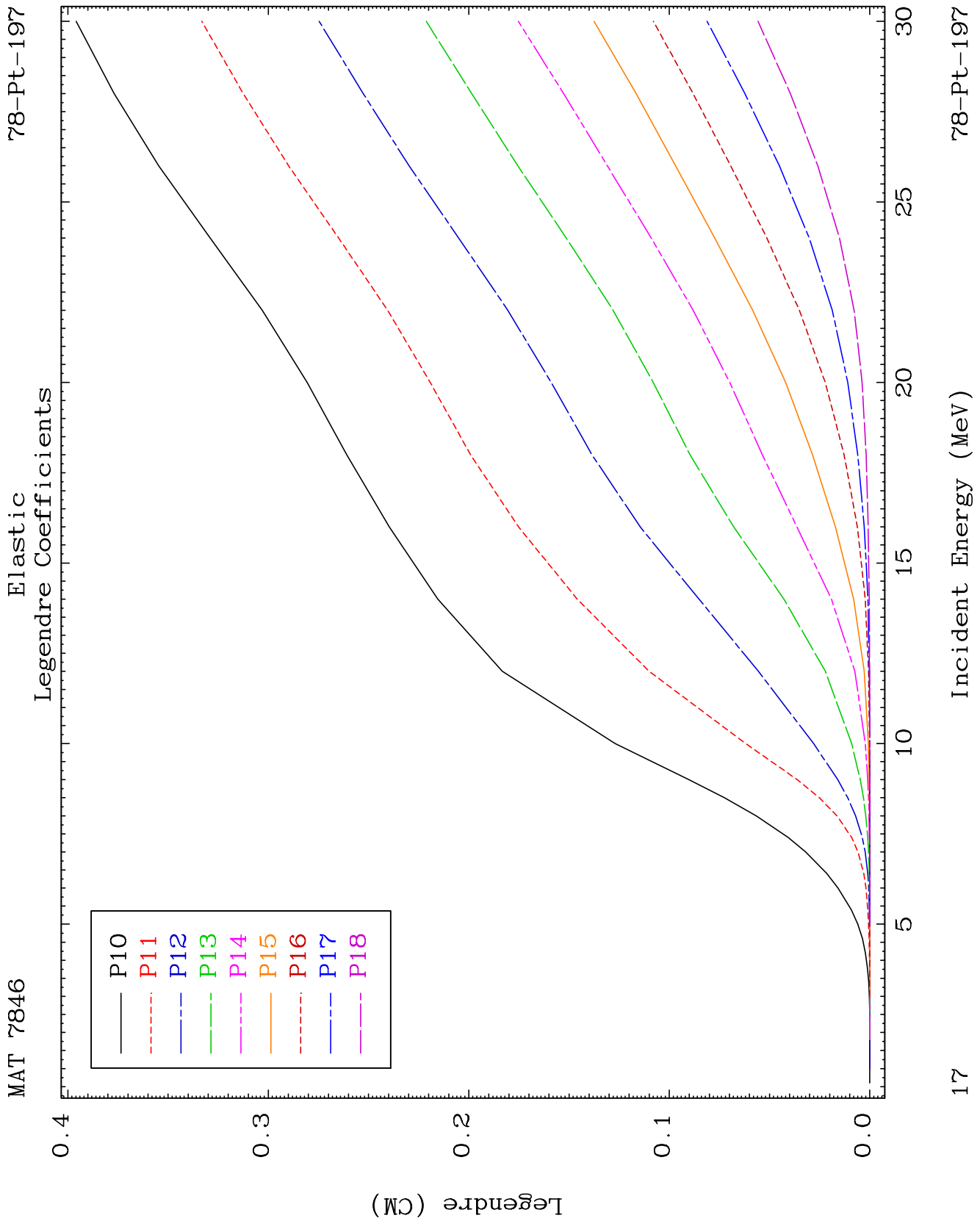
78-Pt-197



16

Incident Energy (MeV)

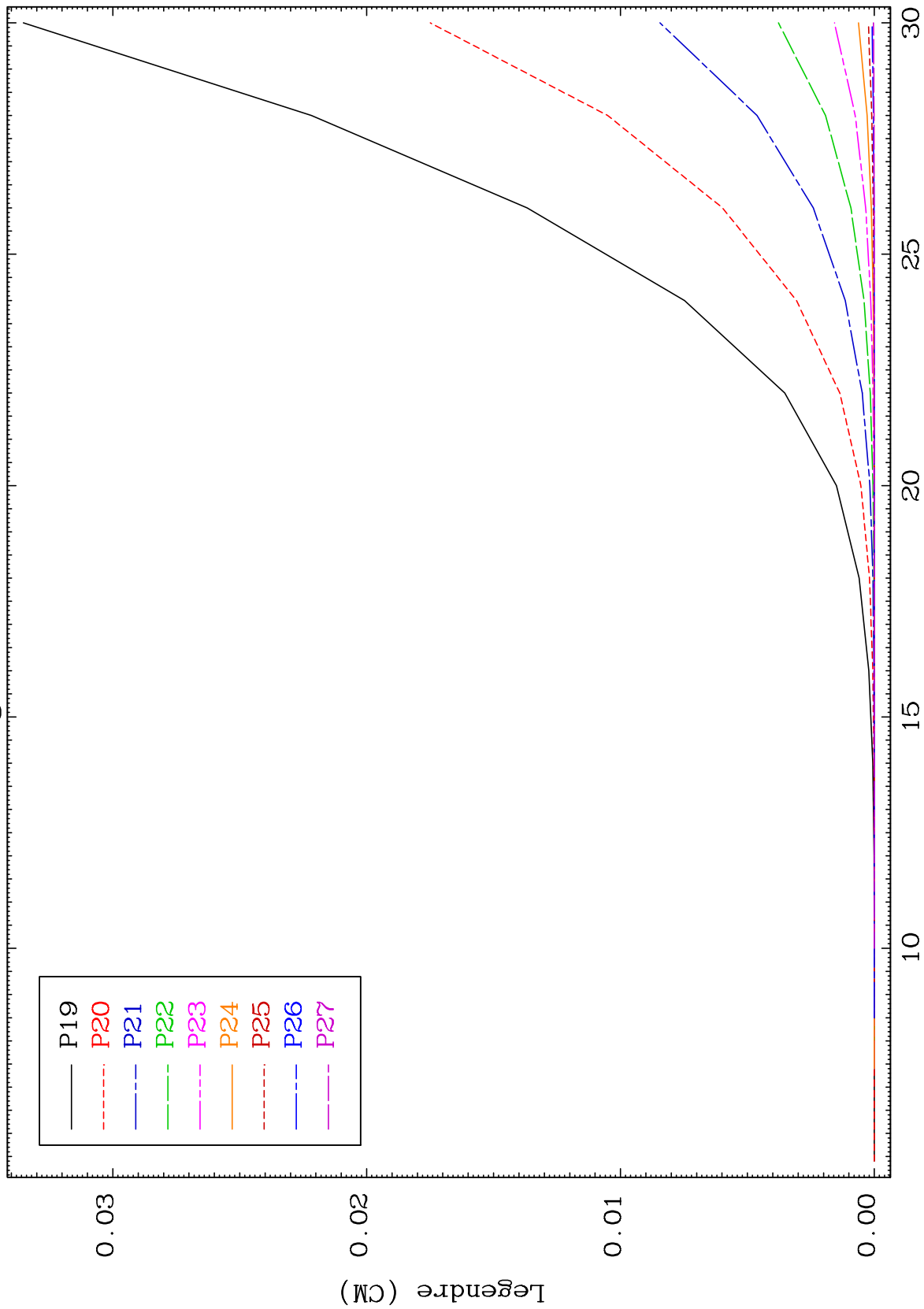
78-Pt-197



MAT 7846

Elastic Legendre Coefficients

78-Pt-197



18

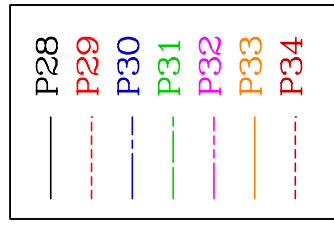
Incident Energy (MeV)

78-Pt-197

MAT 7846

Elastic Legendre Coefficients

78-Pt-197



$\times 10^{-5}$   
1.0  
0.8

Legendre (CM)

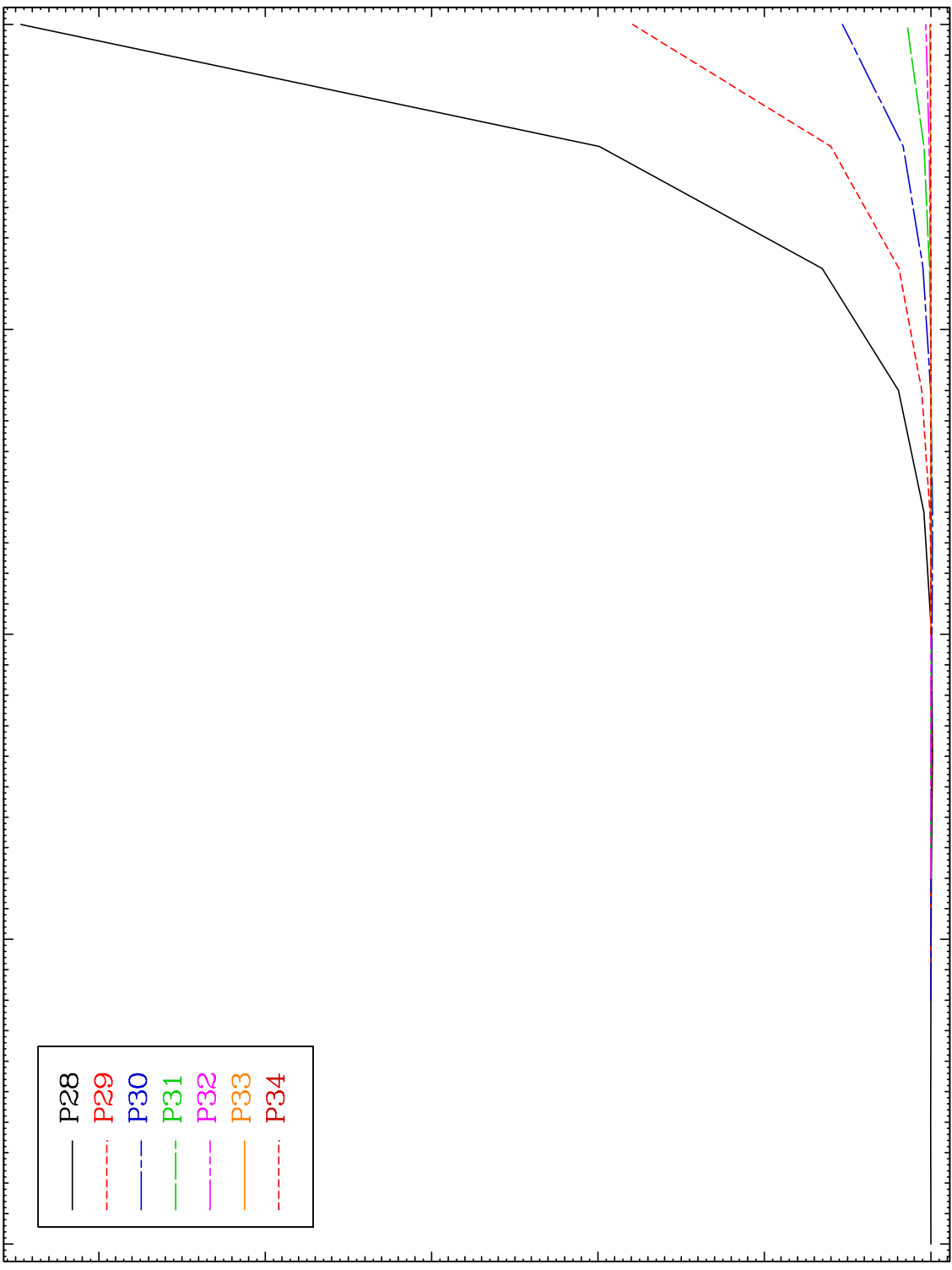
0.6  
0.4  
0.2  
0.0

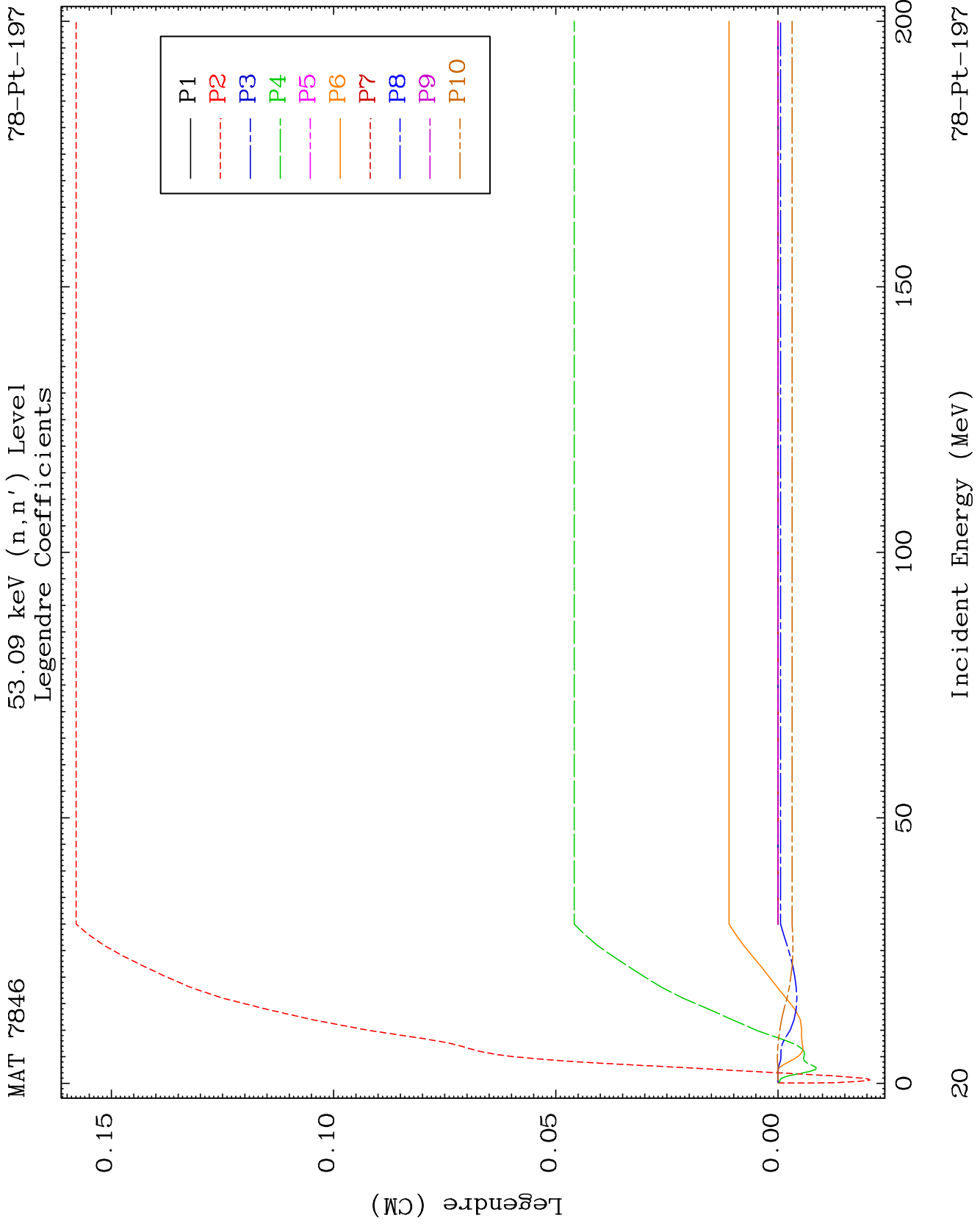
10  
15  
20  
25  
30

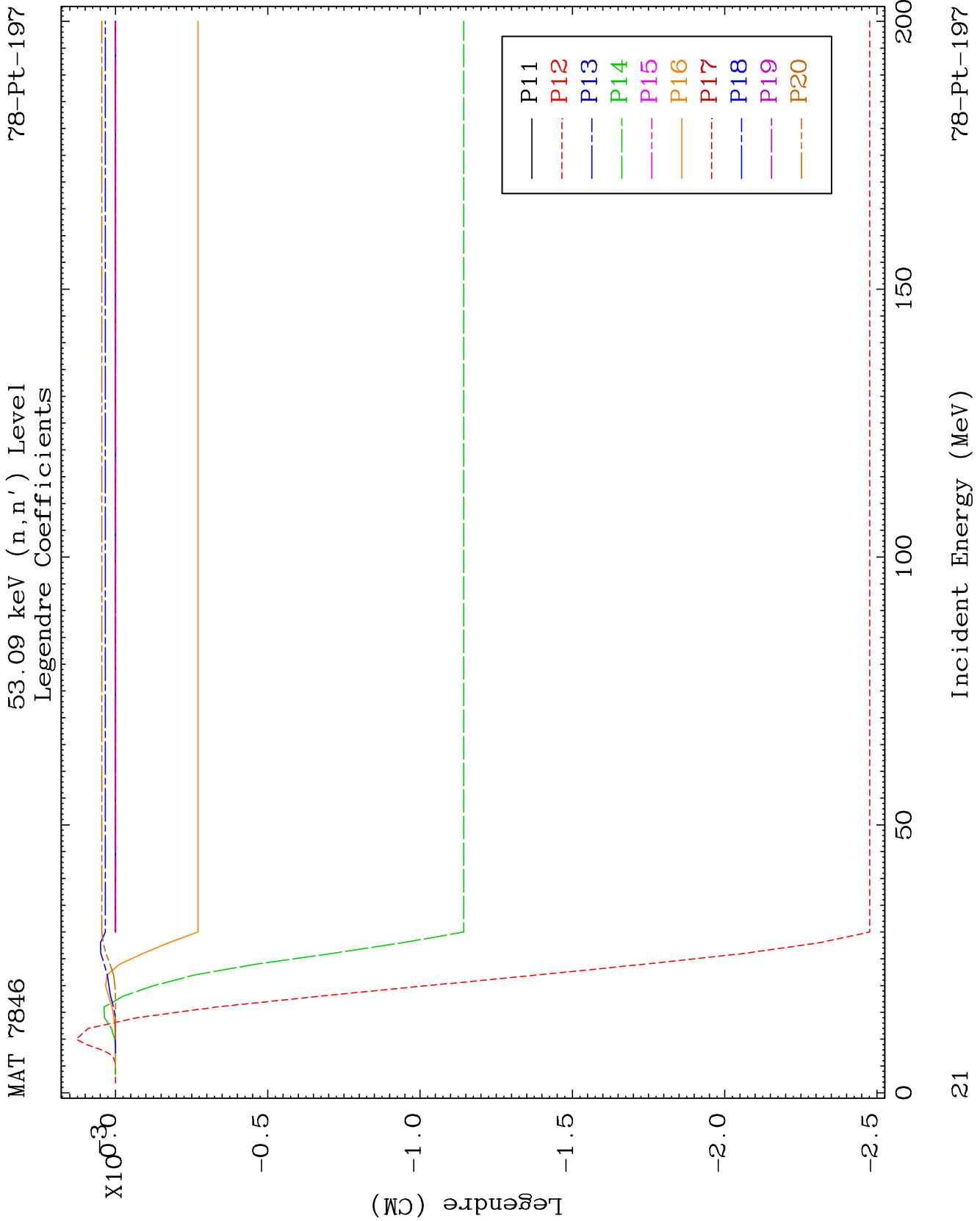
19

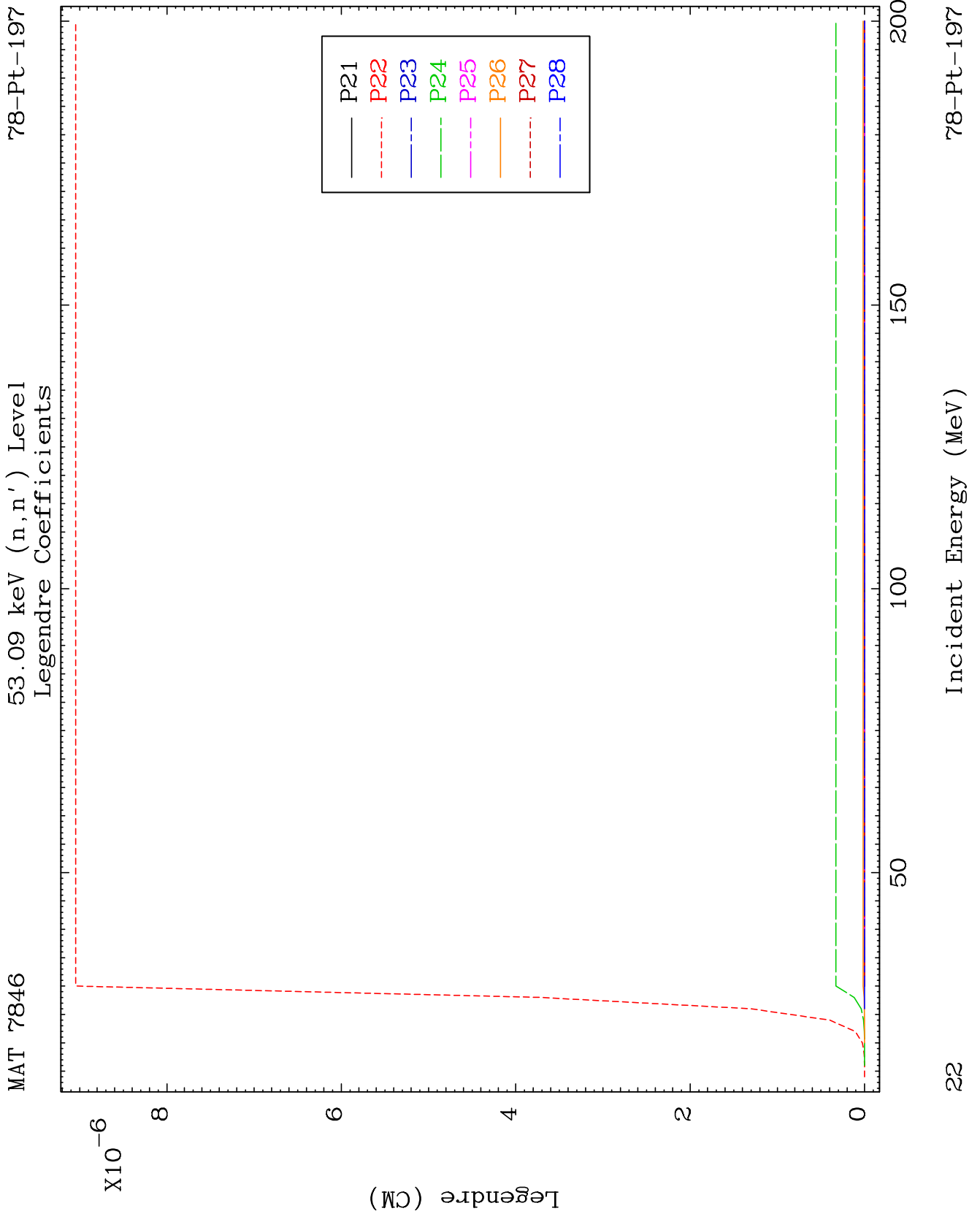
Incident Energy (MeV)

78-Pt-197





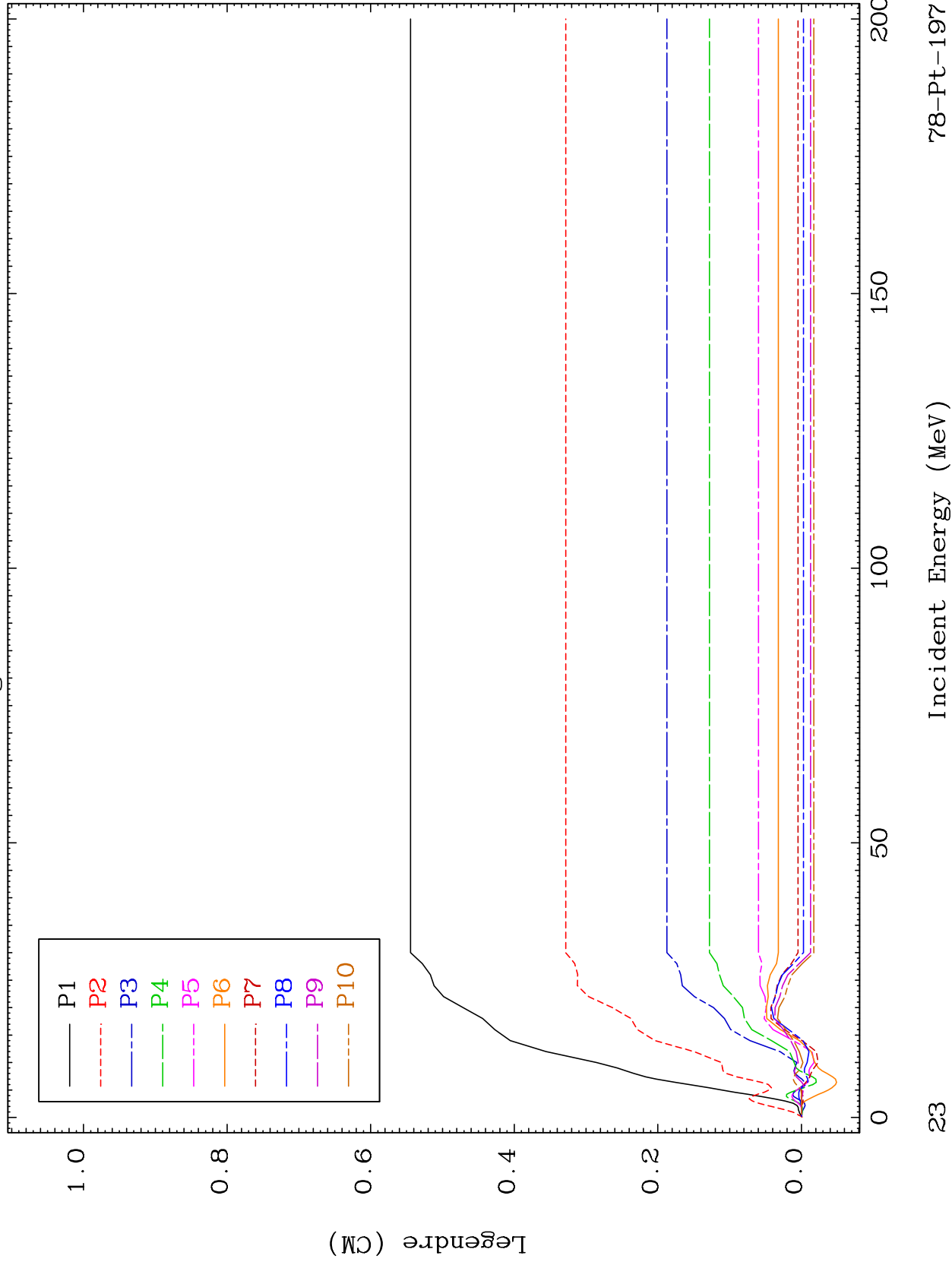




MAT 7846

71.60 keV (n,n') Level  
Legendre Coefficients

78-Pt-197

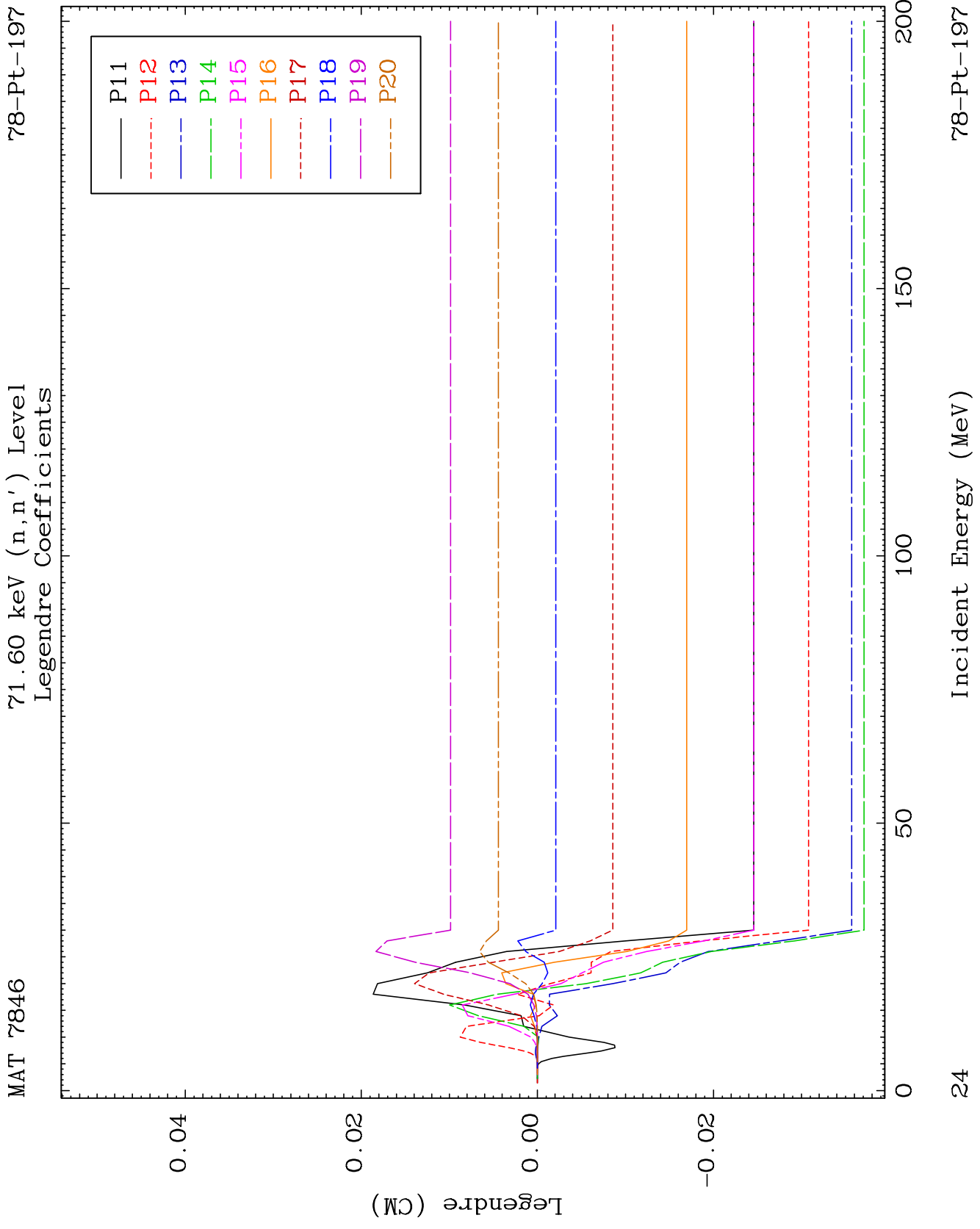


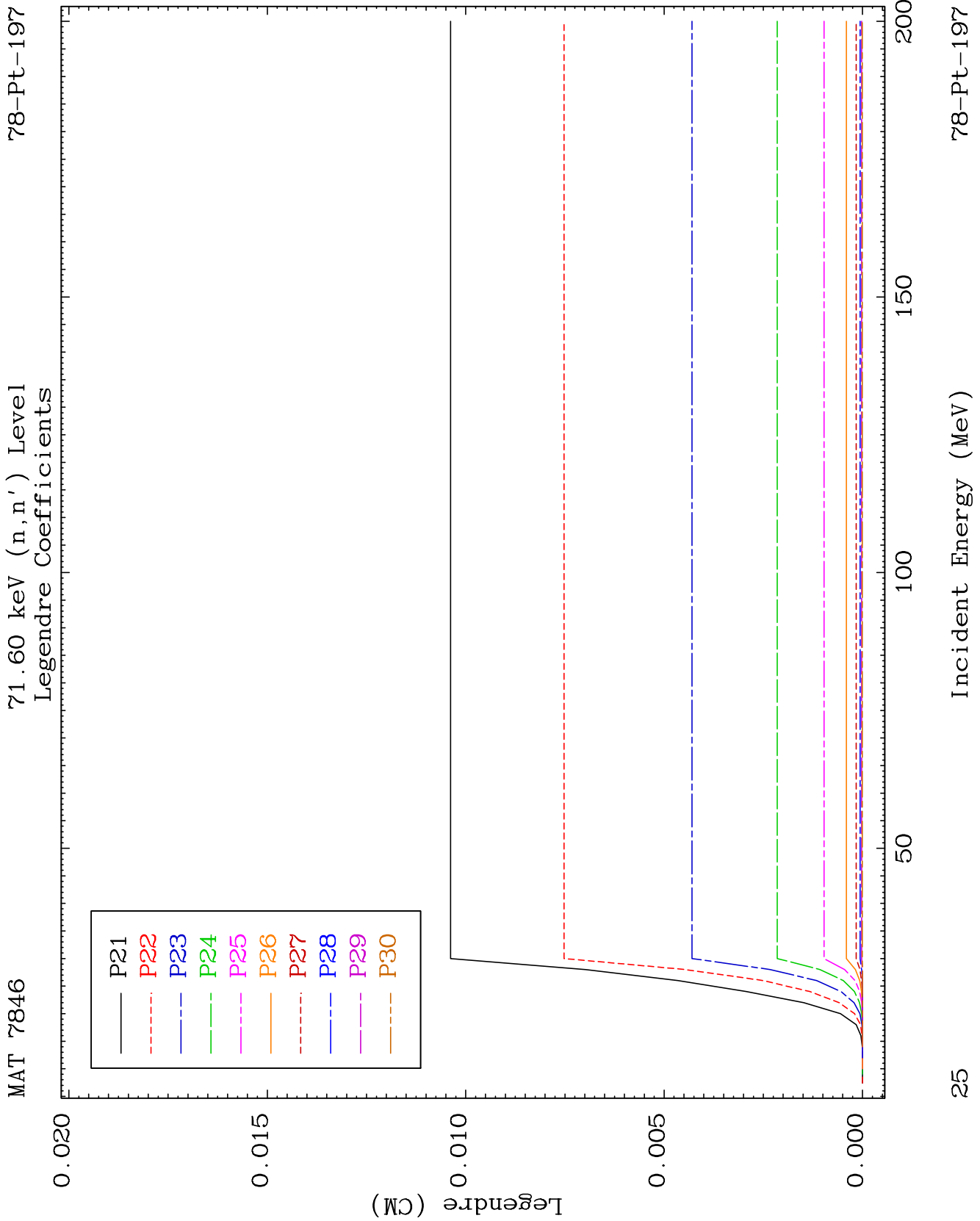
78-Pt-197

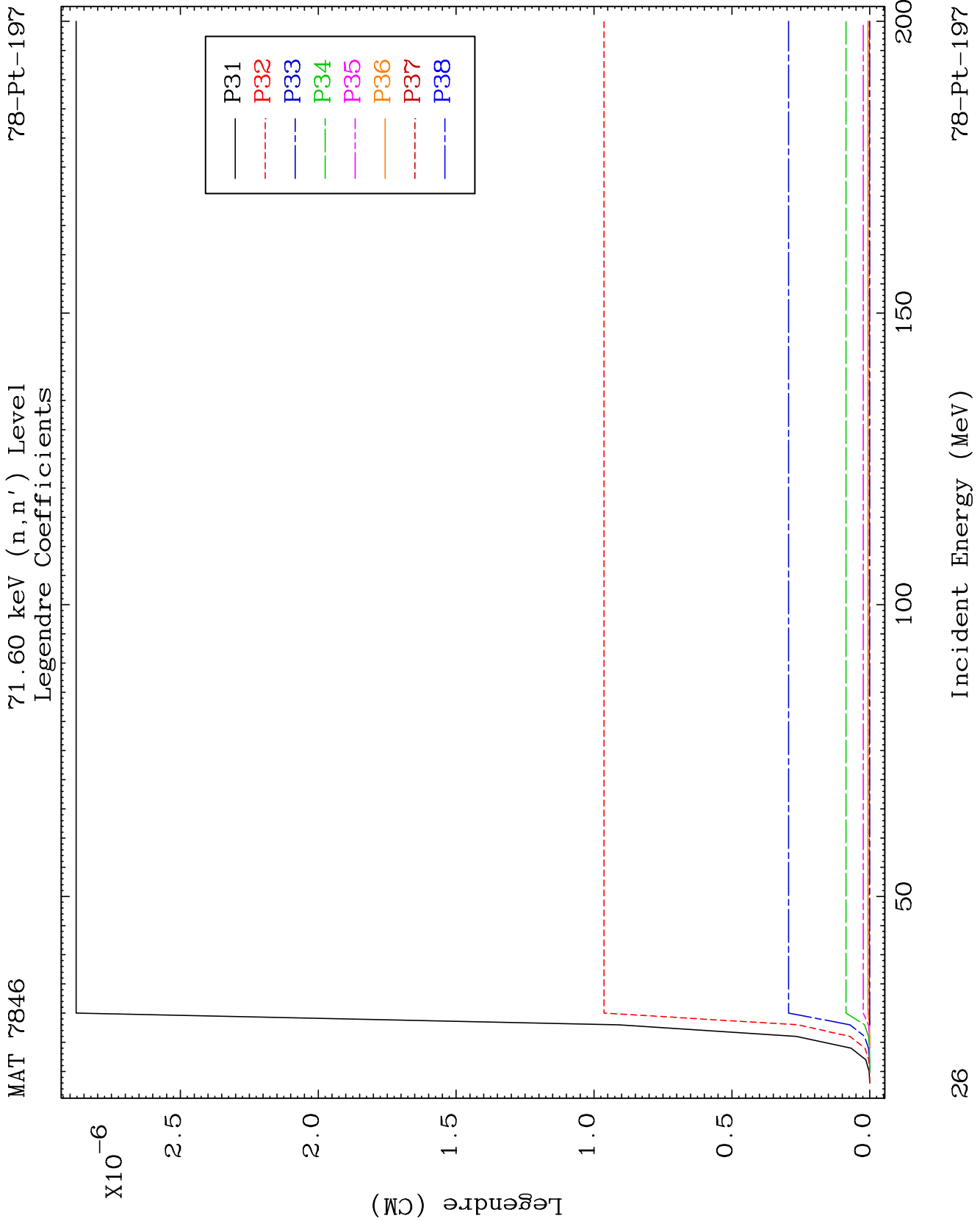
Incident Energy (MeV)

23





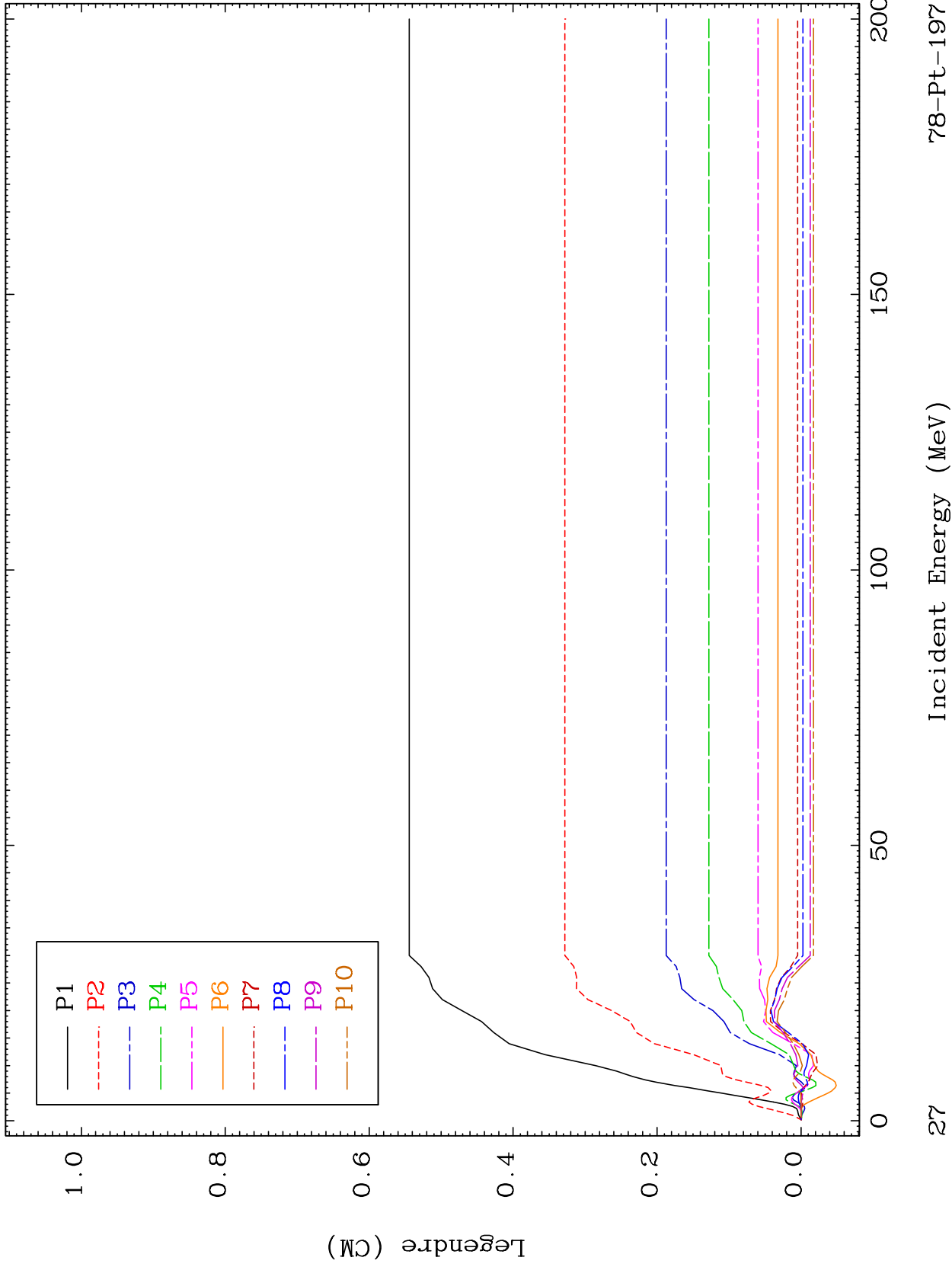




MAT 7846

98.60 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



27

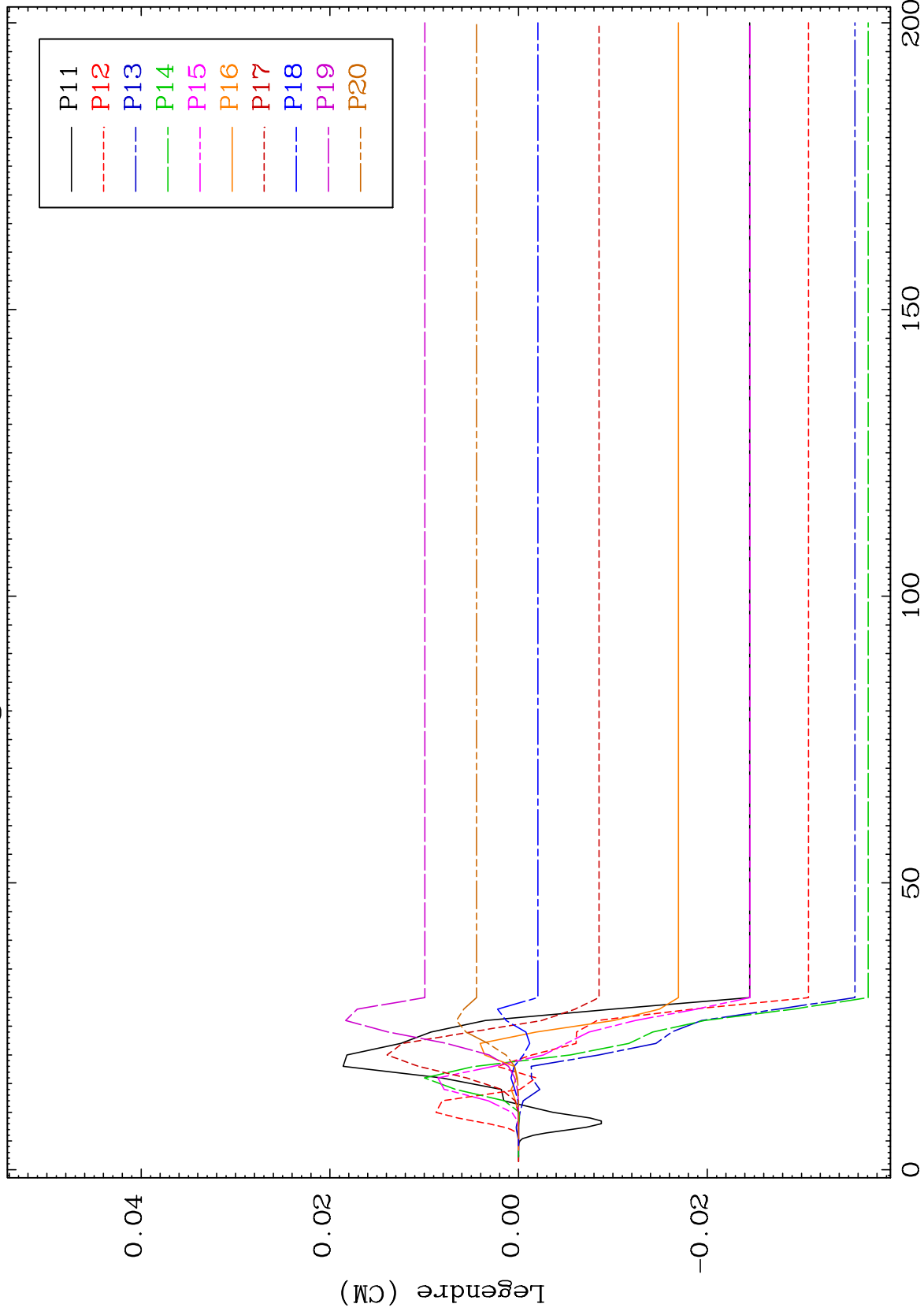
Incident Energy (MeV)

78-Pt-197

MAT 7846

98.60 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



28

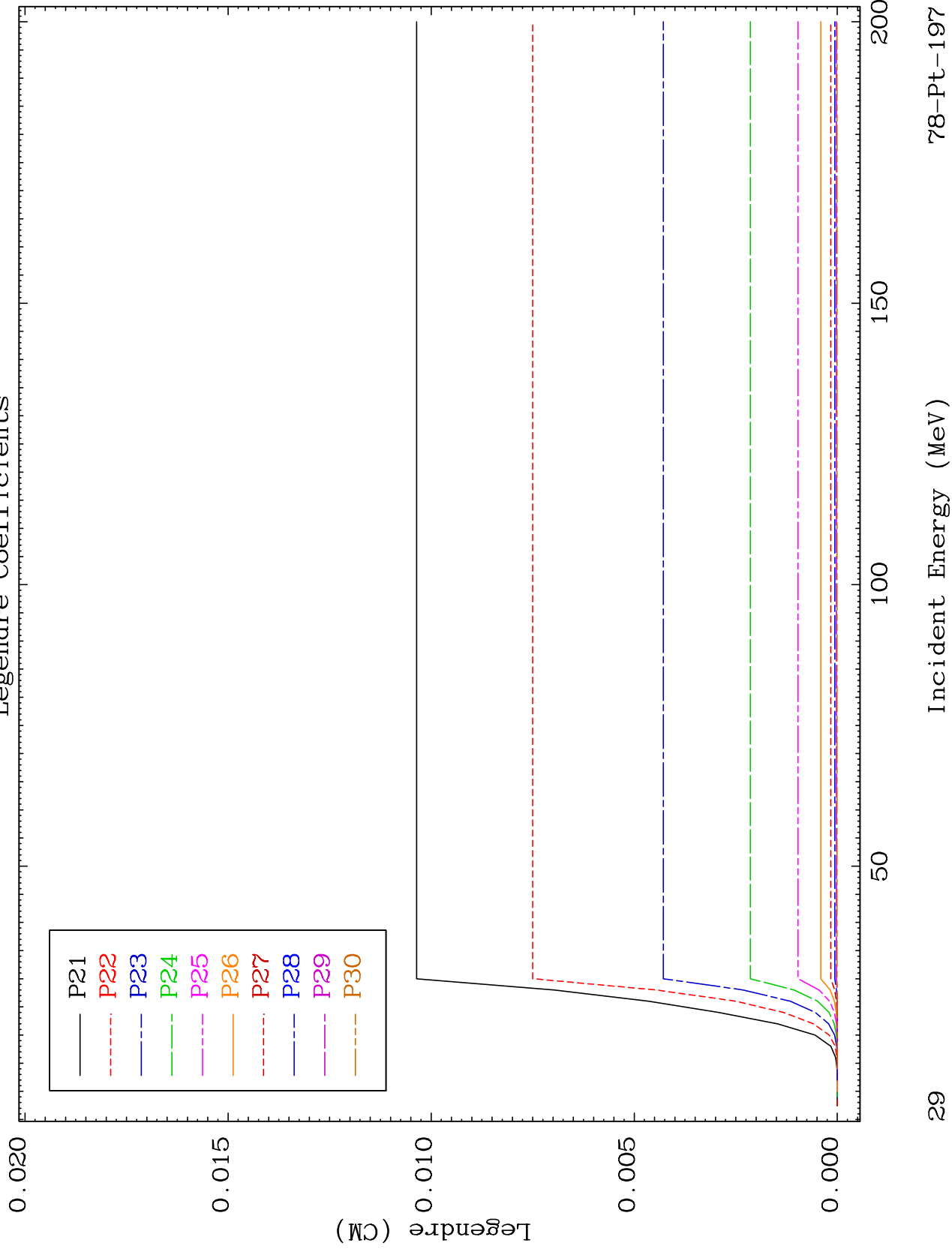
Incident Energy (MeV)

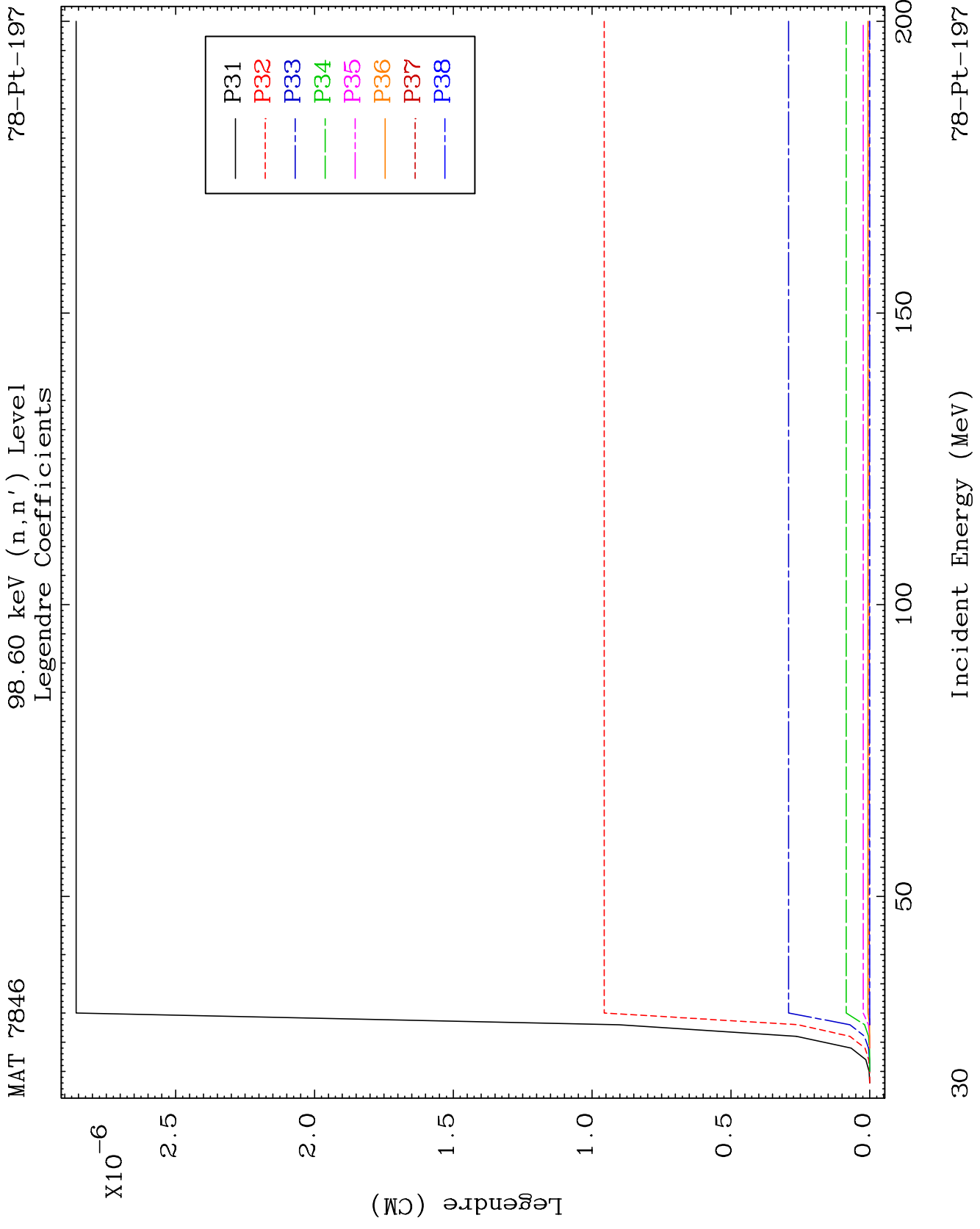
78-Pt-197

MAT 7846

98.60 keV (n,n') Level  
Legendre Coefficients

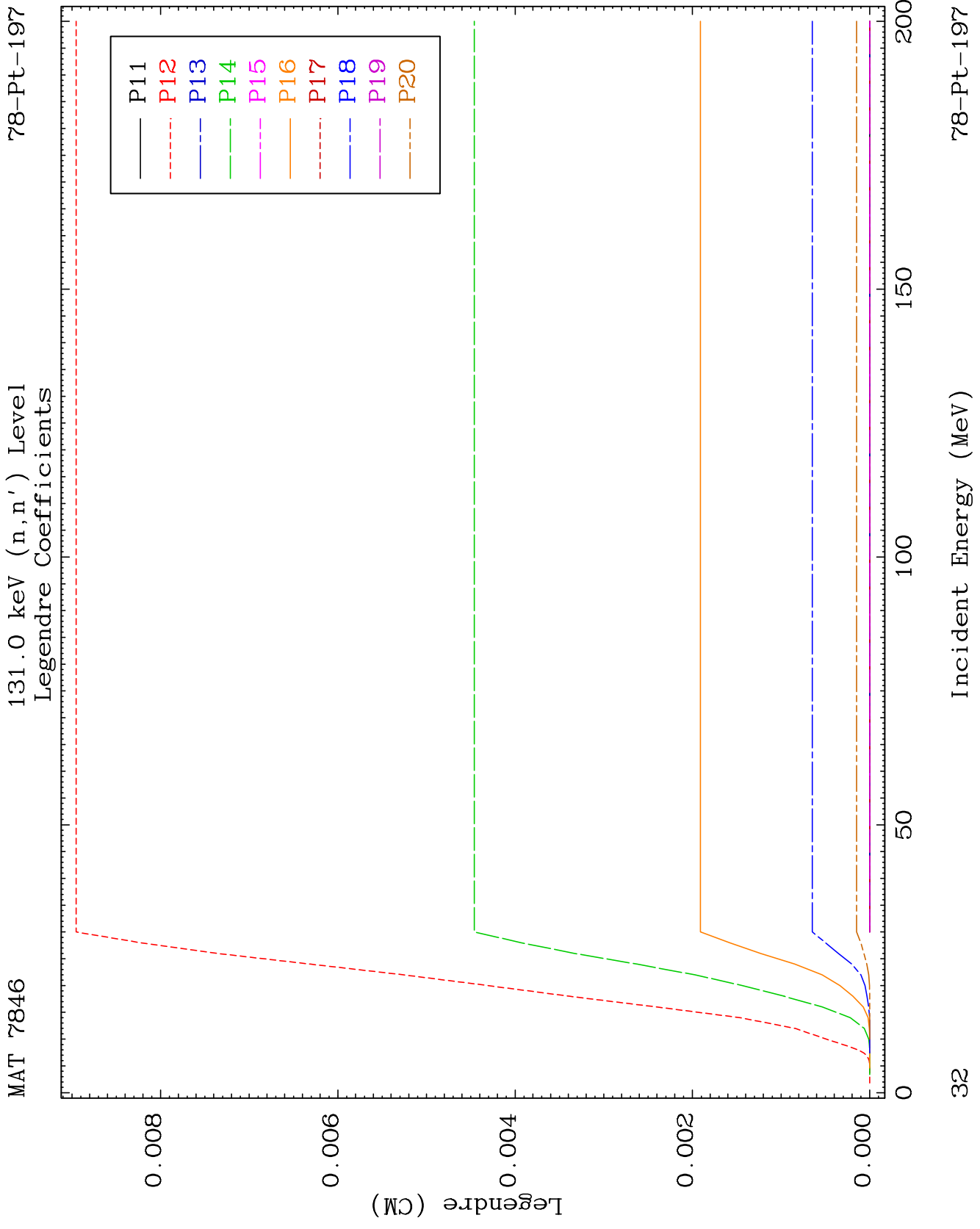
78-Pt-197











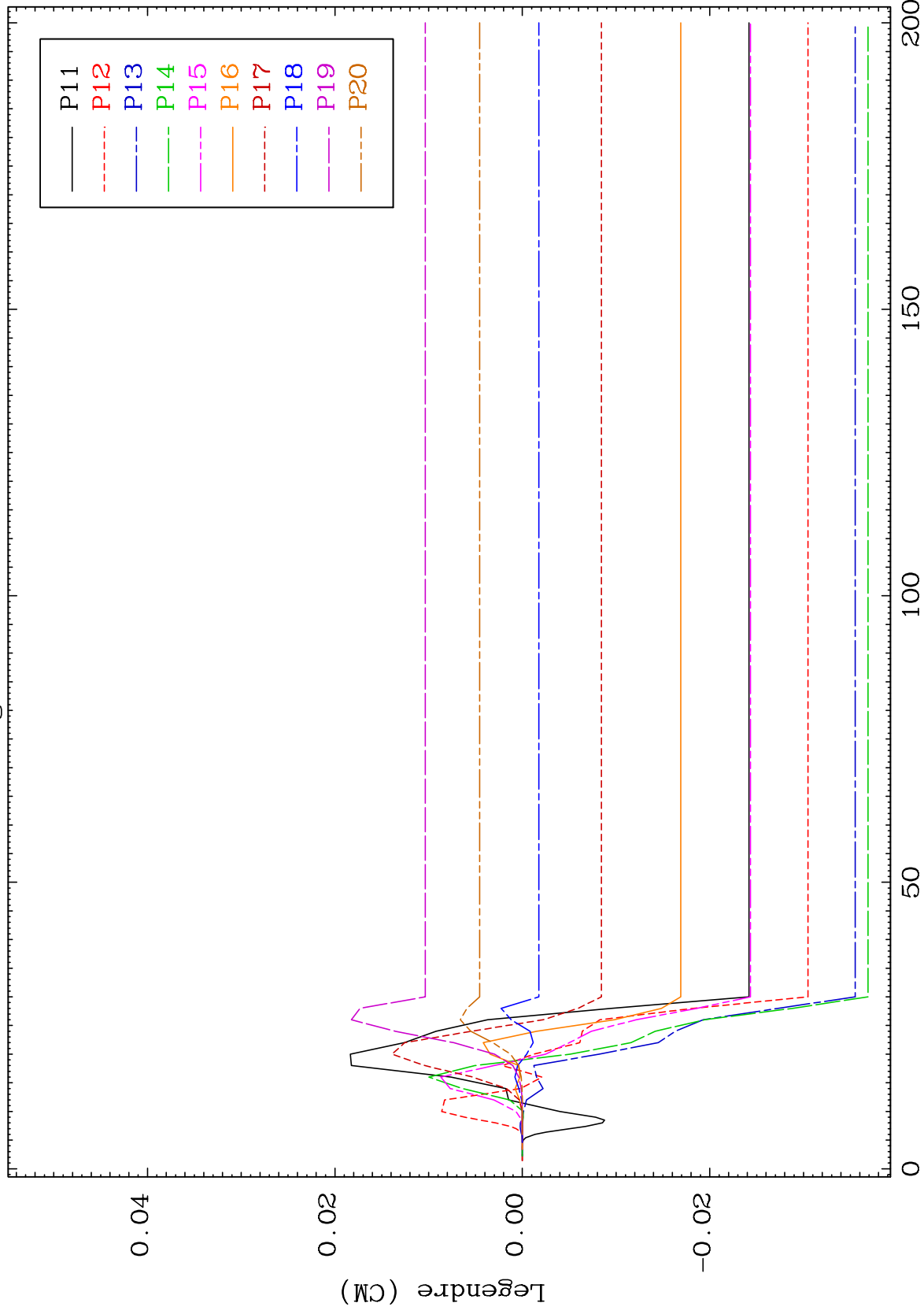




MAT 7846

269.1 keV (n,n') Level  
Legendre Coefficients

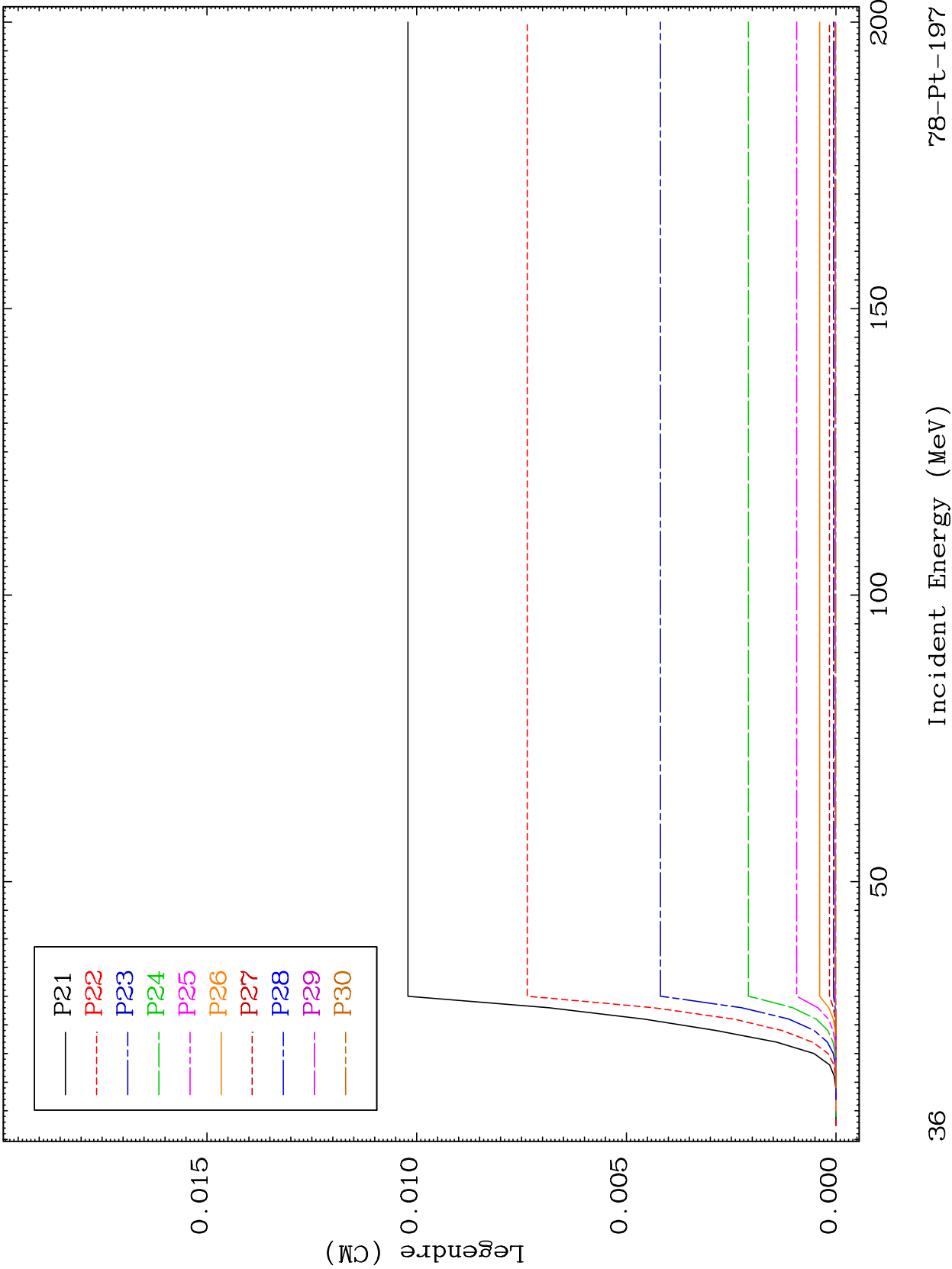
78-Pt-197



35

Incident Energy (MeV)

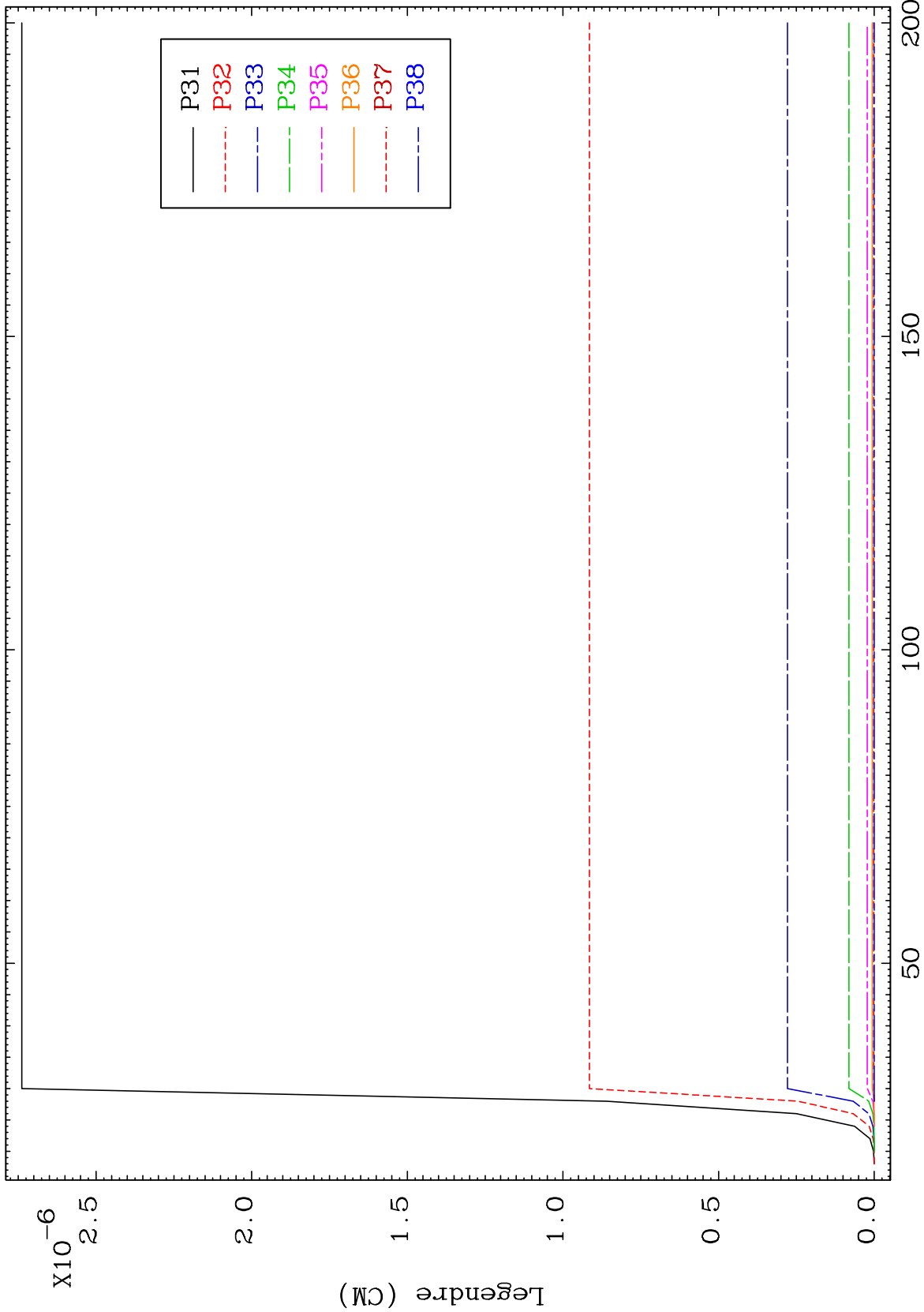
78-Pt-197



MAT 7846

269.1 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



37

Incident Energy (MeV)

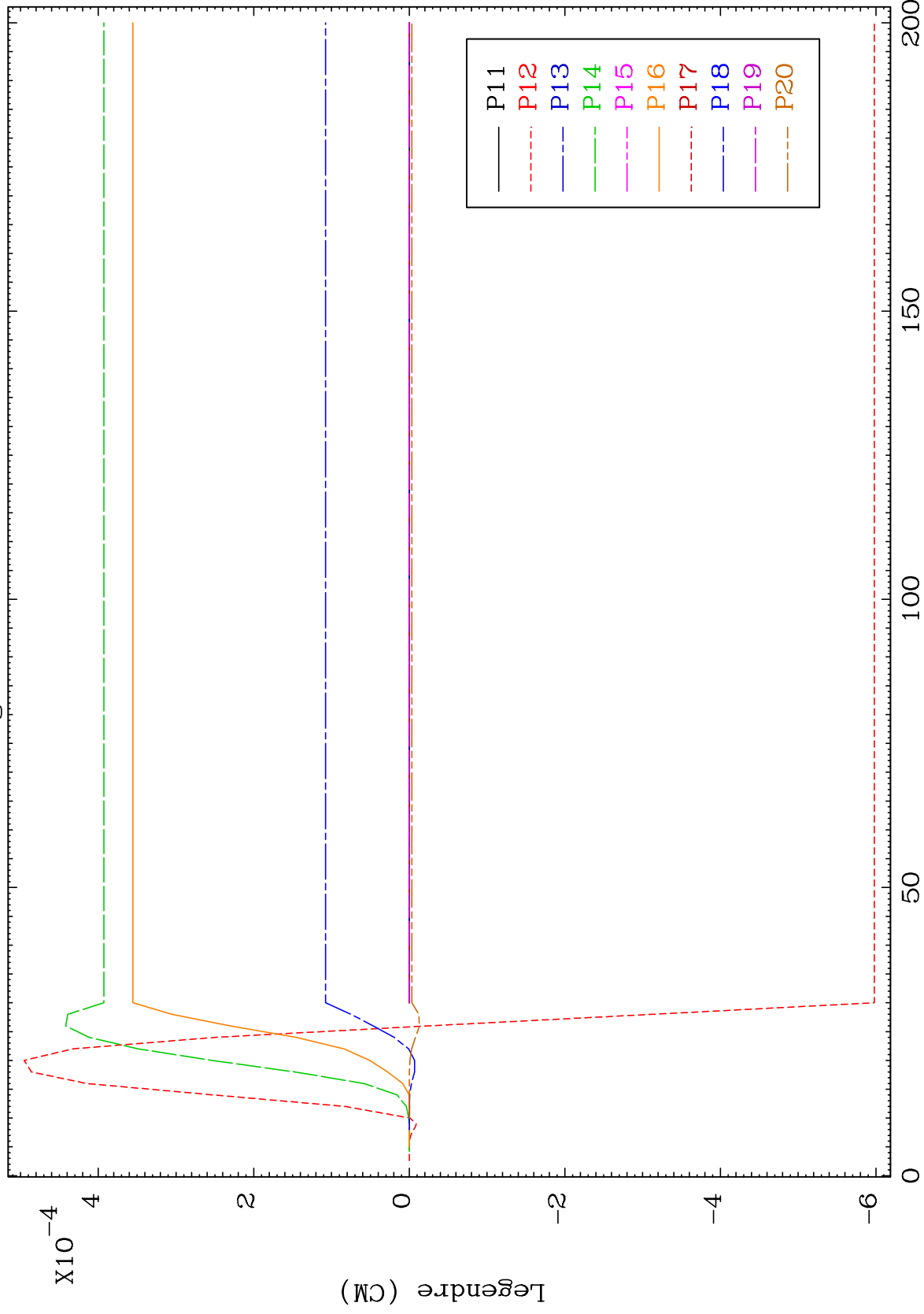
78-Pt-197



MAT 7846

273.0 keV (n,n') Level  
Legendre Coefficients

78-Pt-197

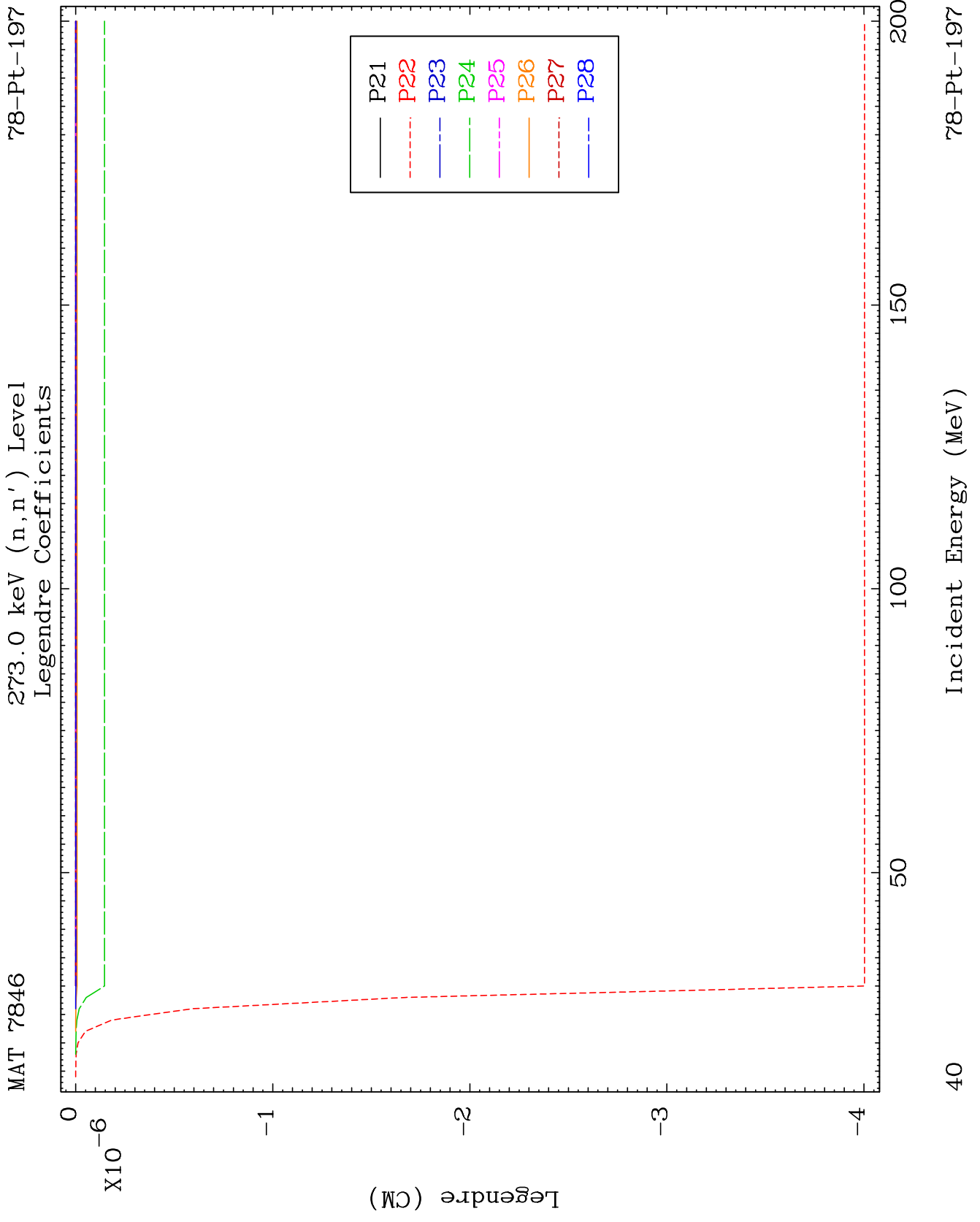


39

Incident Energy (MeV)

78-Pt-197

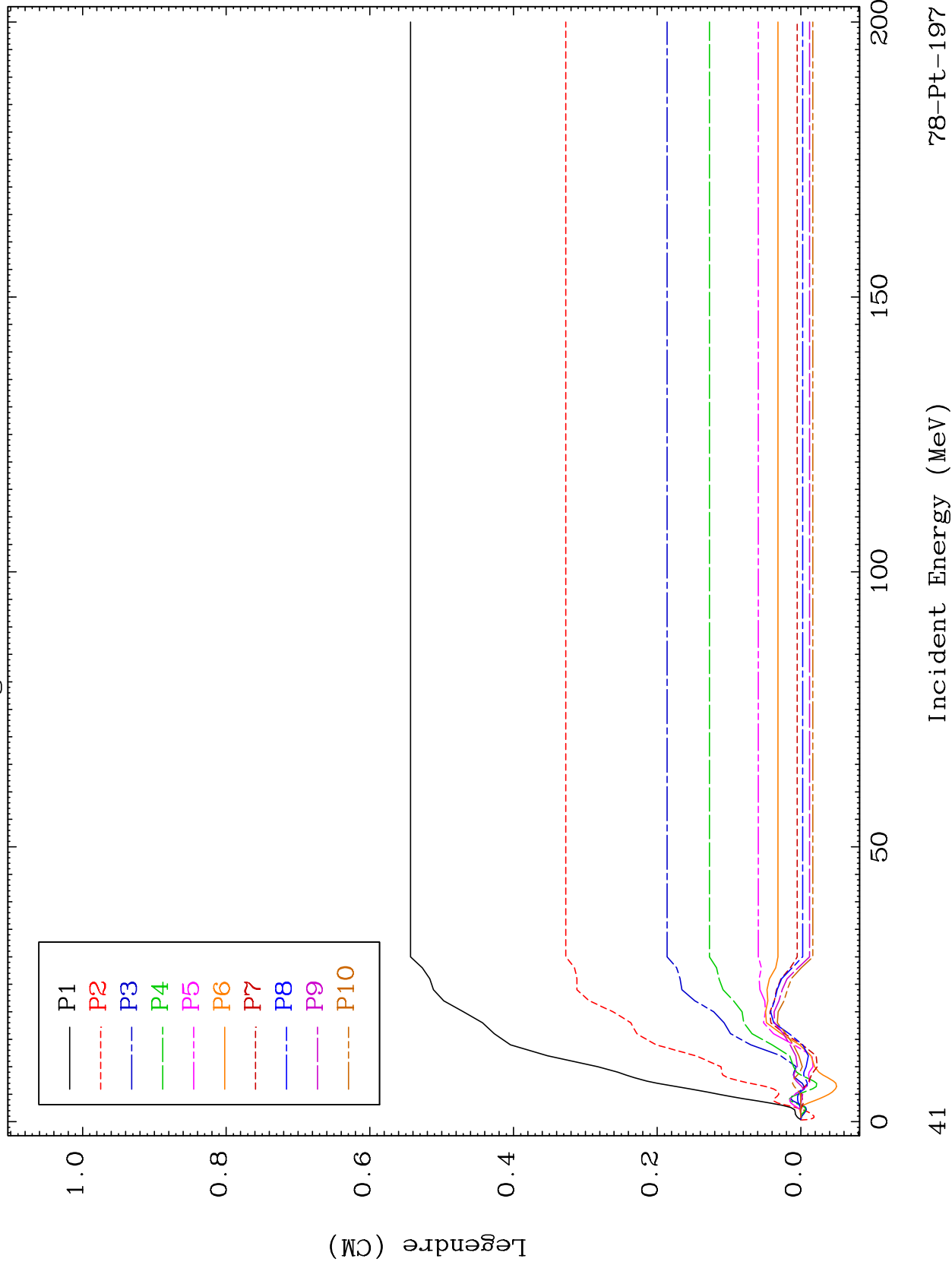




MAT 7846

299.3 keV (n,n') Level  
Legendre Coefficients

78-Pt-197

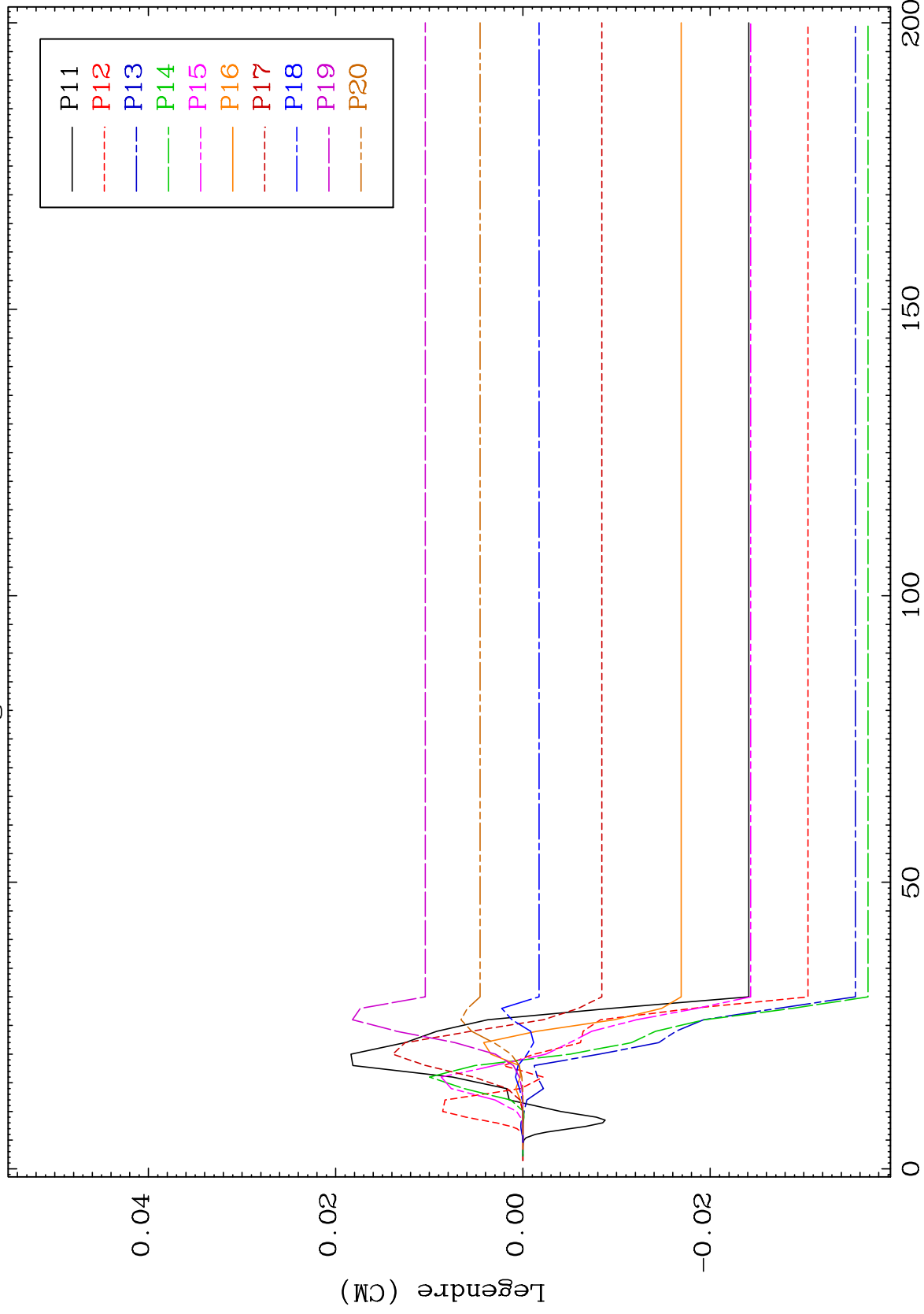


41

MAT 7846

299.3 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



42

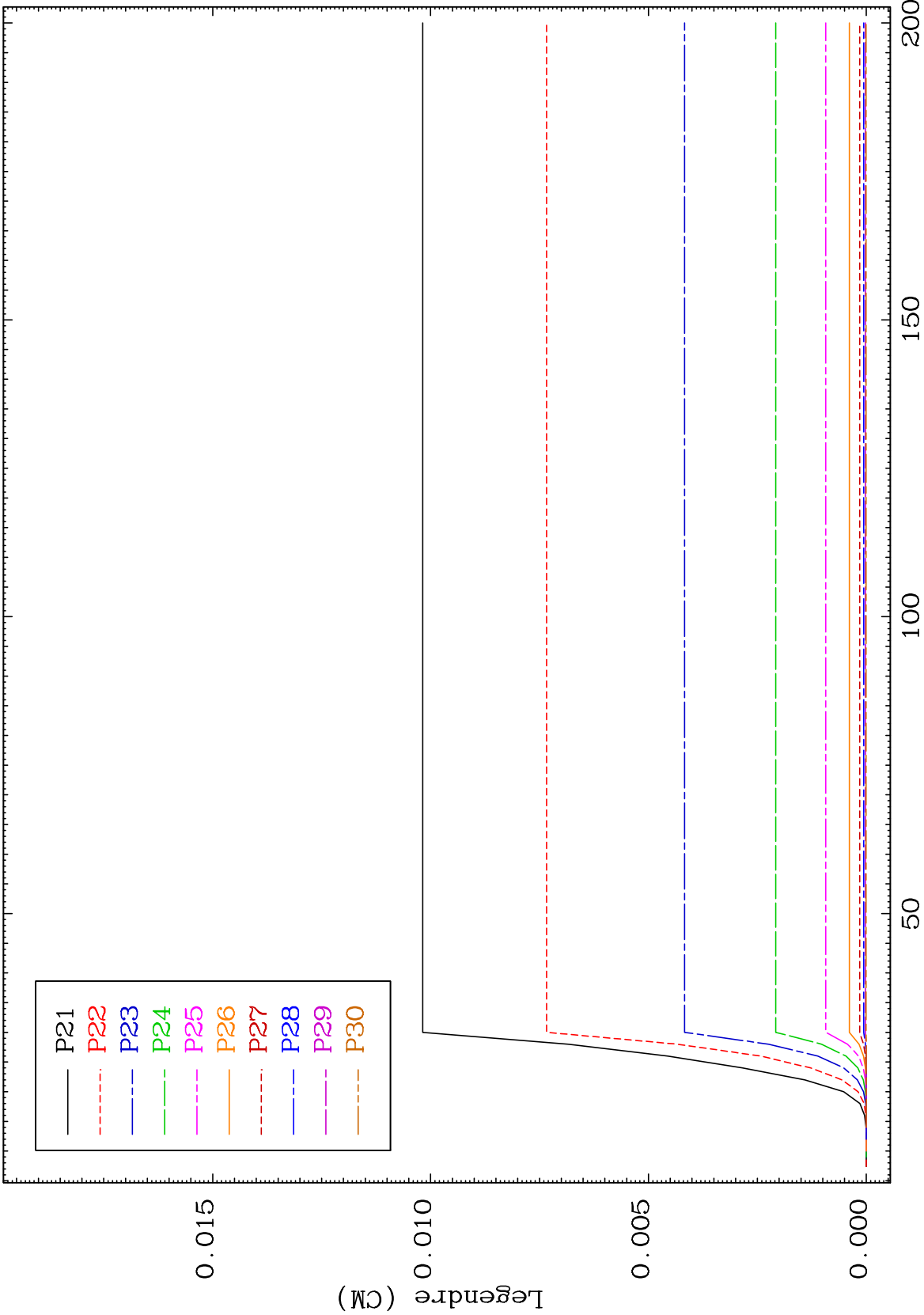
Incident Energy (MeV)

78-Pt-197

MAT 7846

299.3 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



43

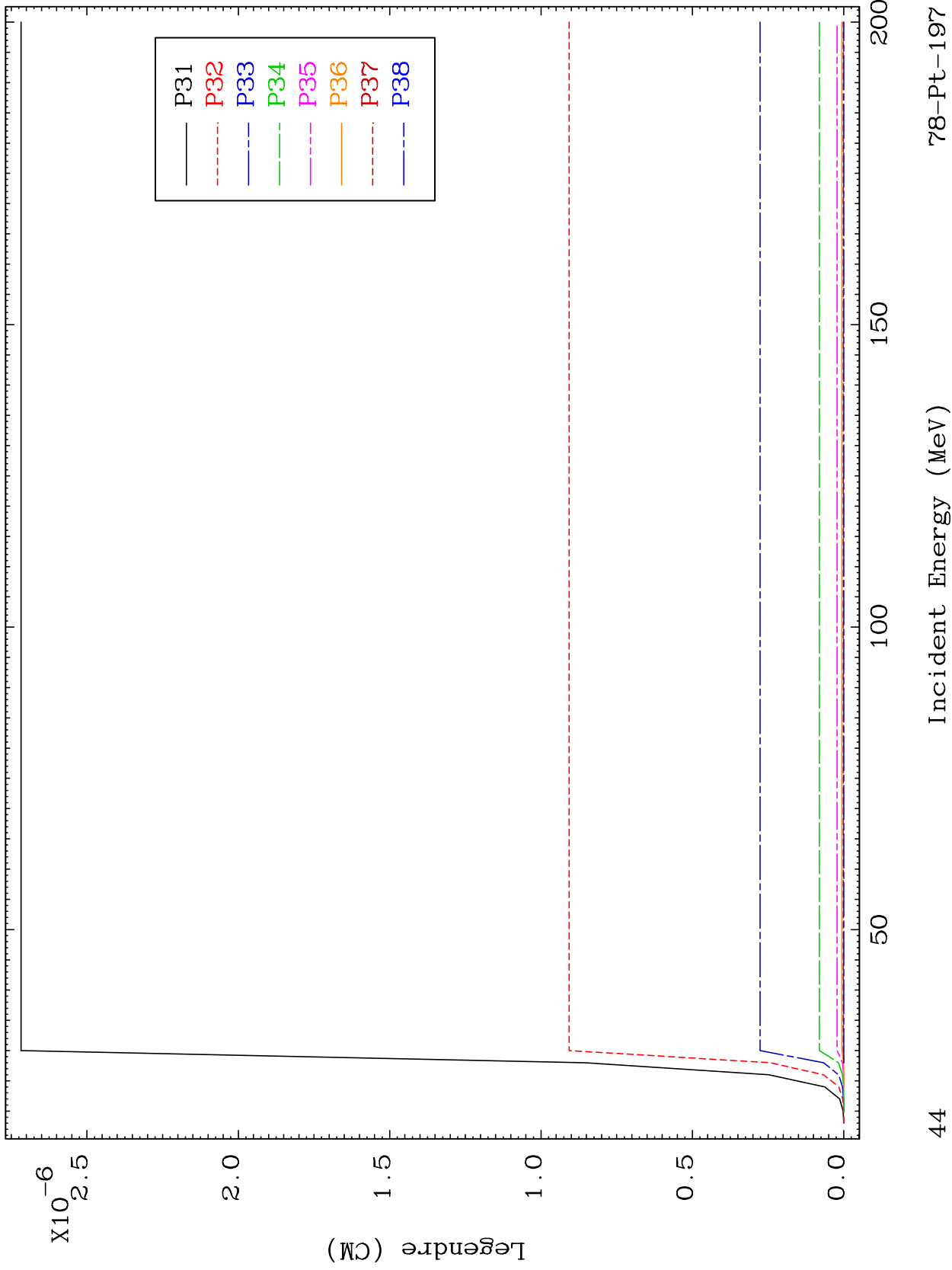
Incident Energy (MeV)

78-Pt-197

MAT 7846

299.3 keV (n,n') Level  
Legendre Coefficients

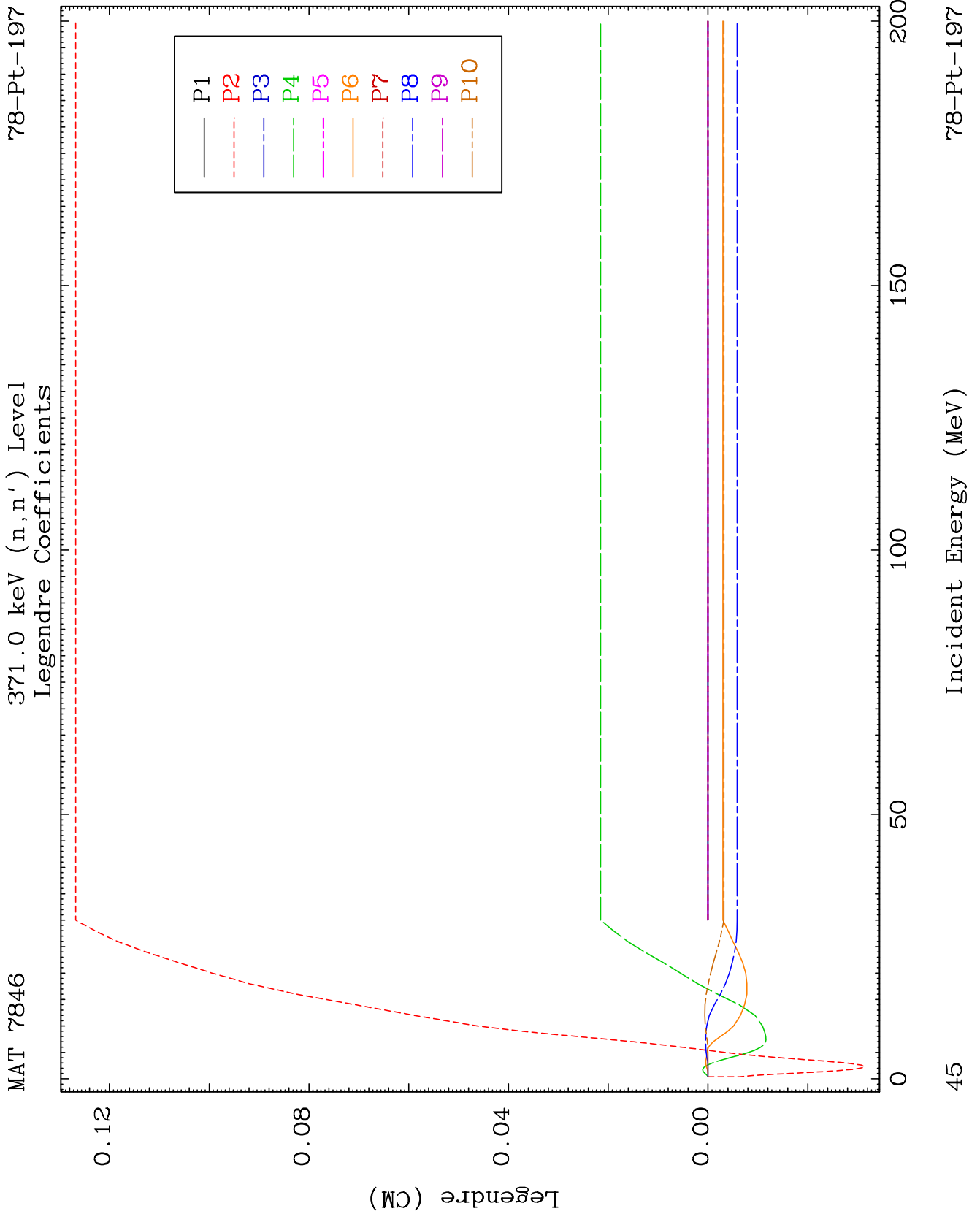
78-Pt-197



44

Incident Energy (MeV)

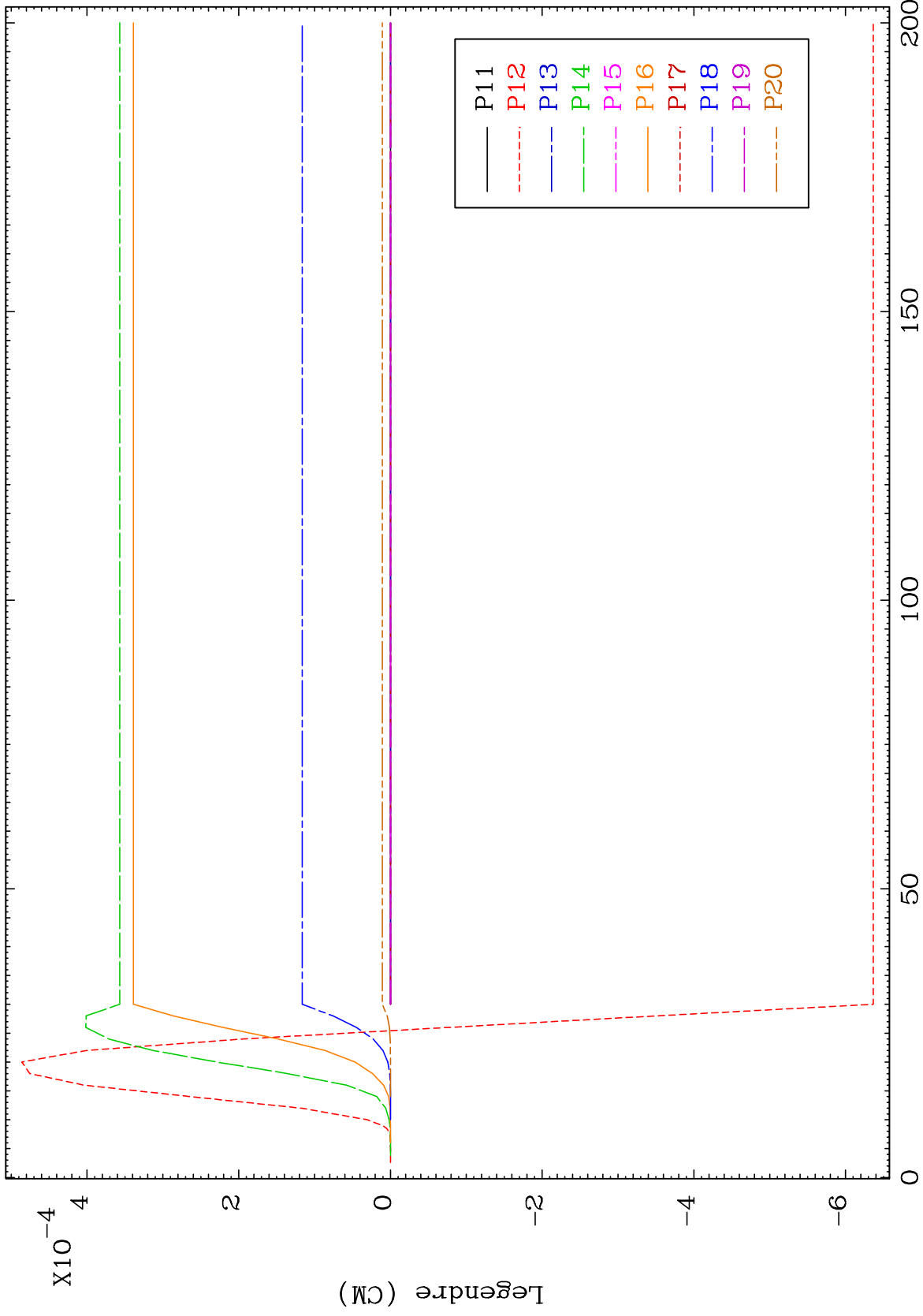
78-Pt-197



MAT 7846

371.0 keV (n,n') Level  
Legendre Coefficients

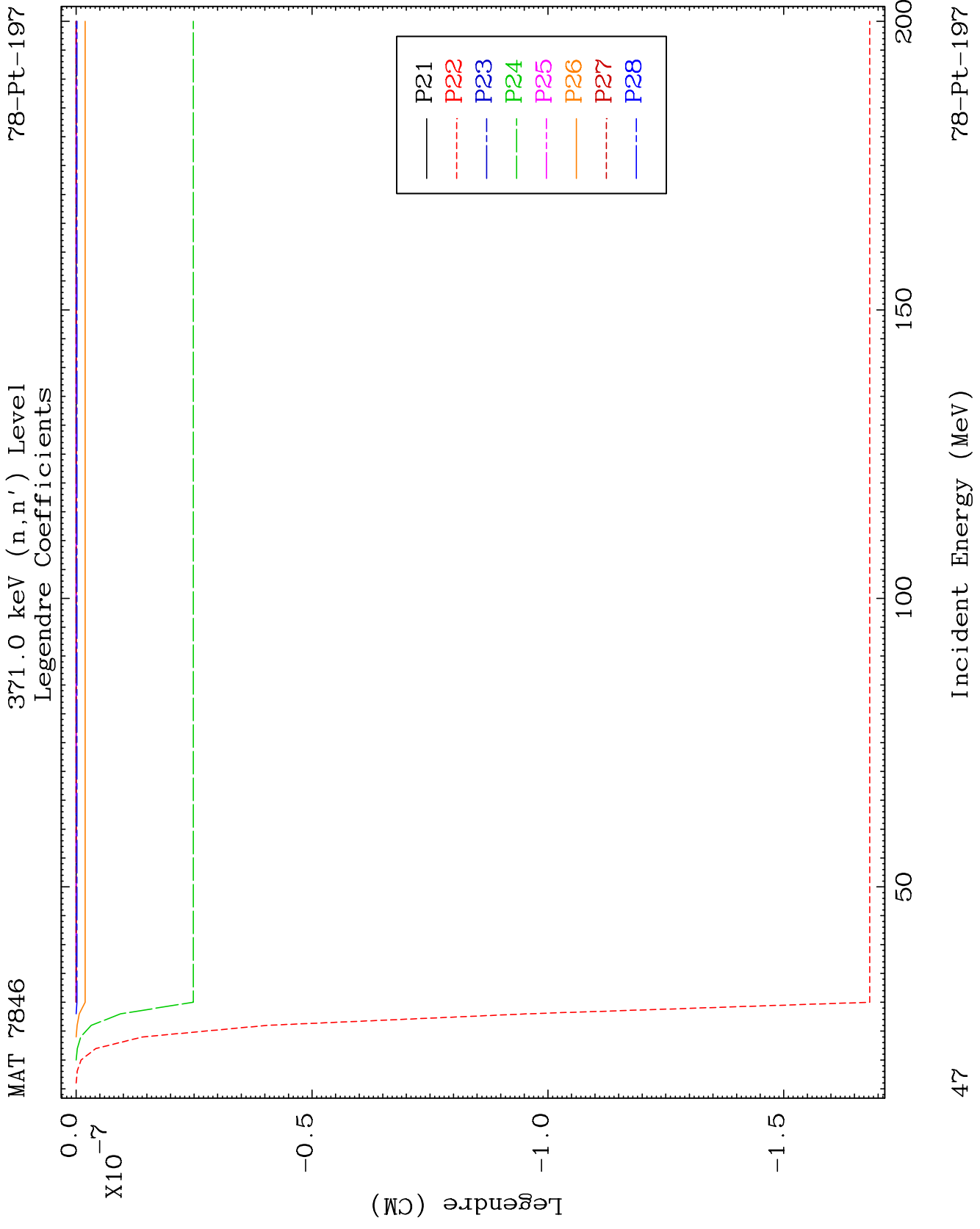
78-Pt-197



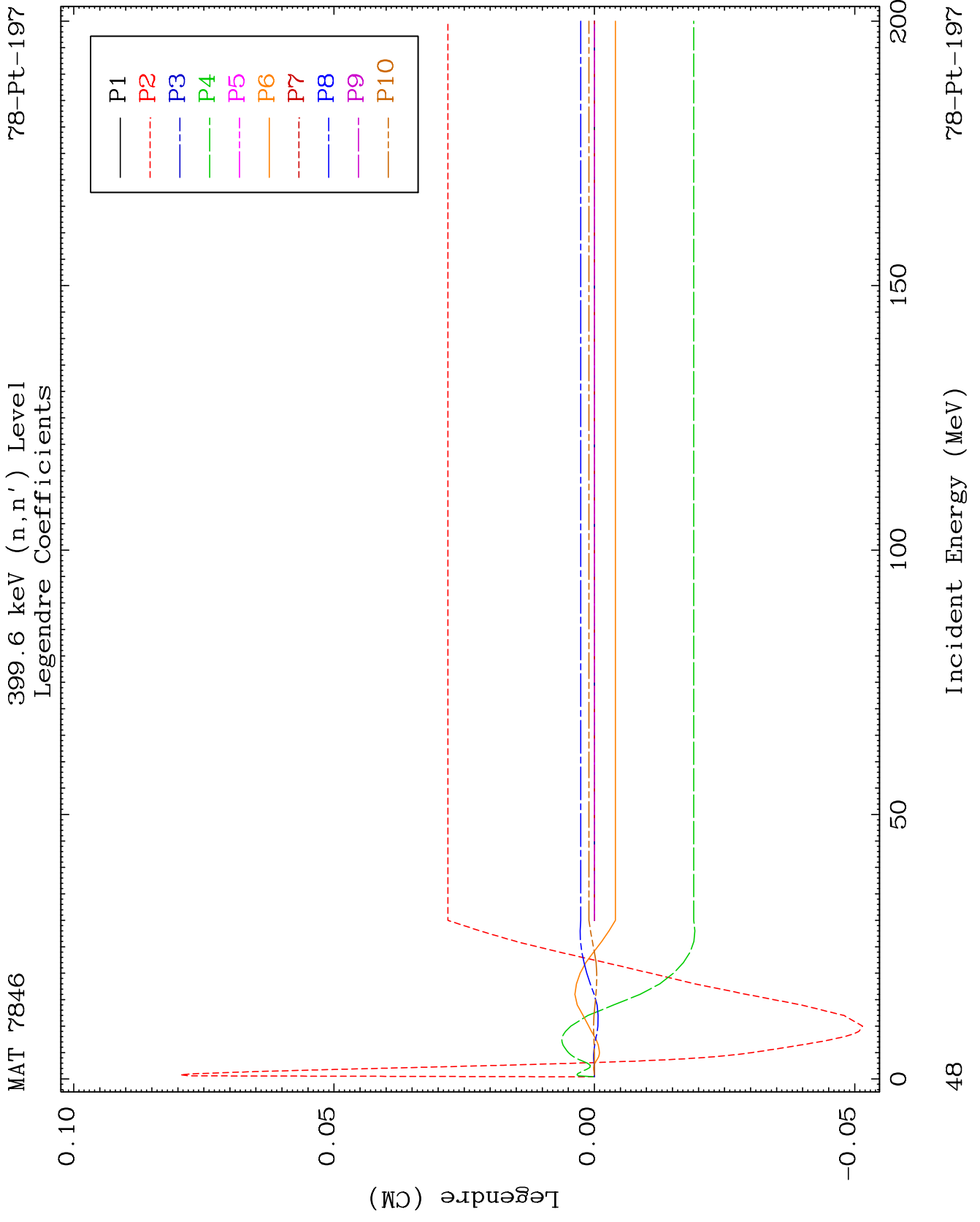
46

Incident Energy (MeV)

78-Pt-197



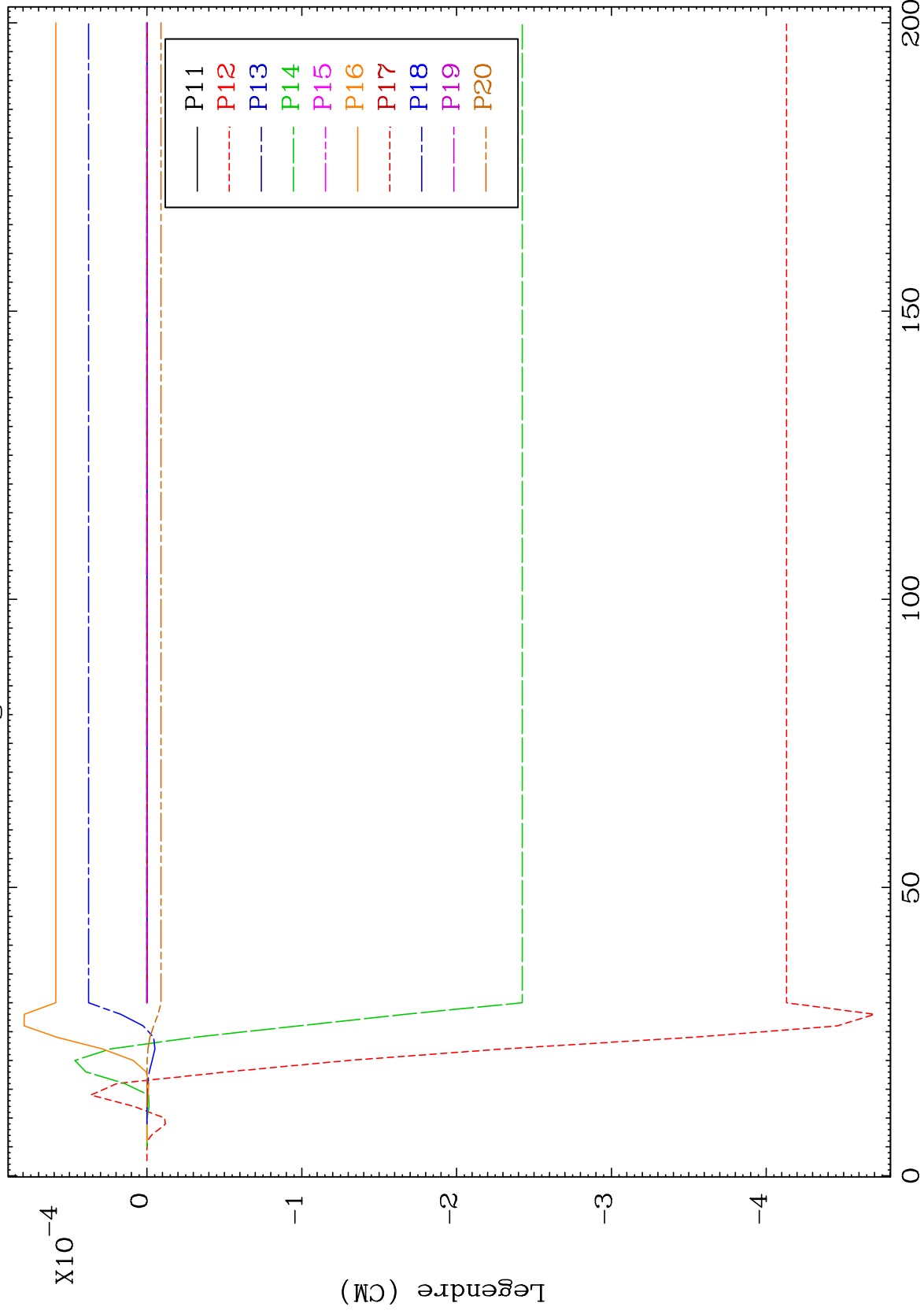




MAT 7846

399.6 keV (n,n') Level  
Legendre Coefficients

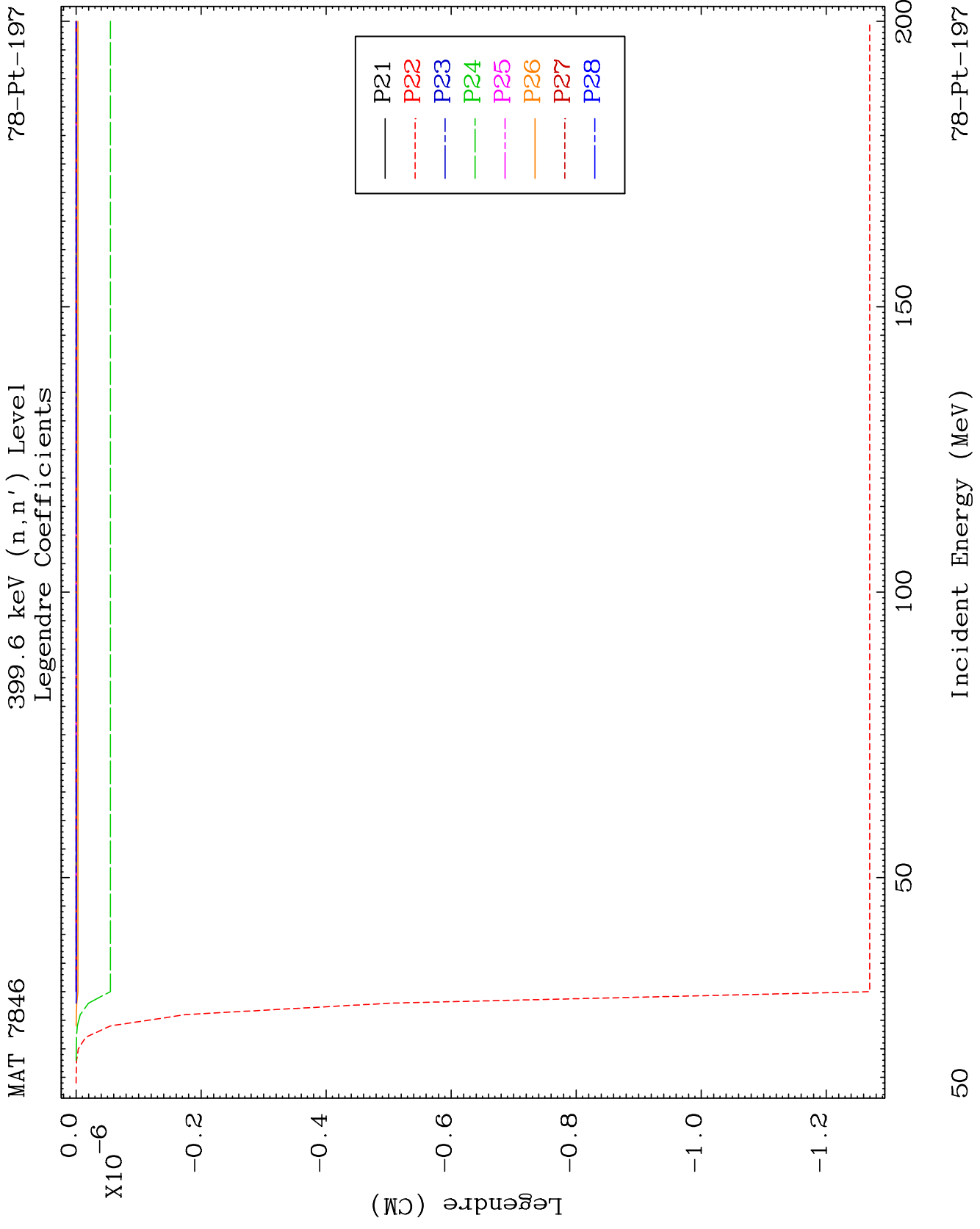
78-Pt-197



49

Incident Energy (MeV)

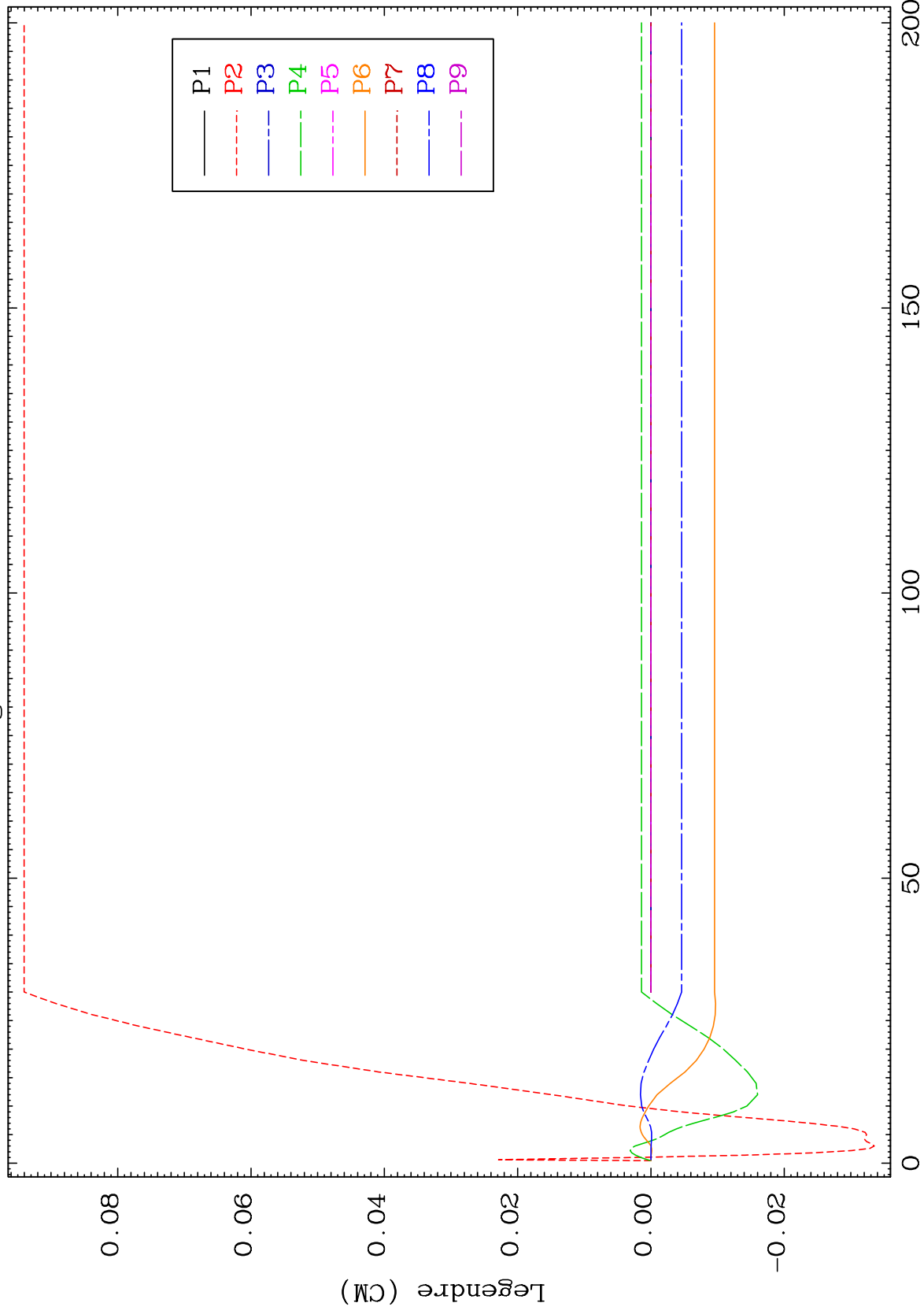
78-Pt-197



MAT 7846

425.7 keV (n,n') Level  
Legendre Coefficients

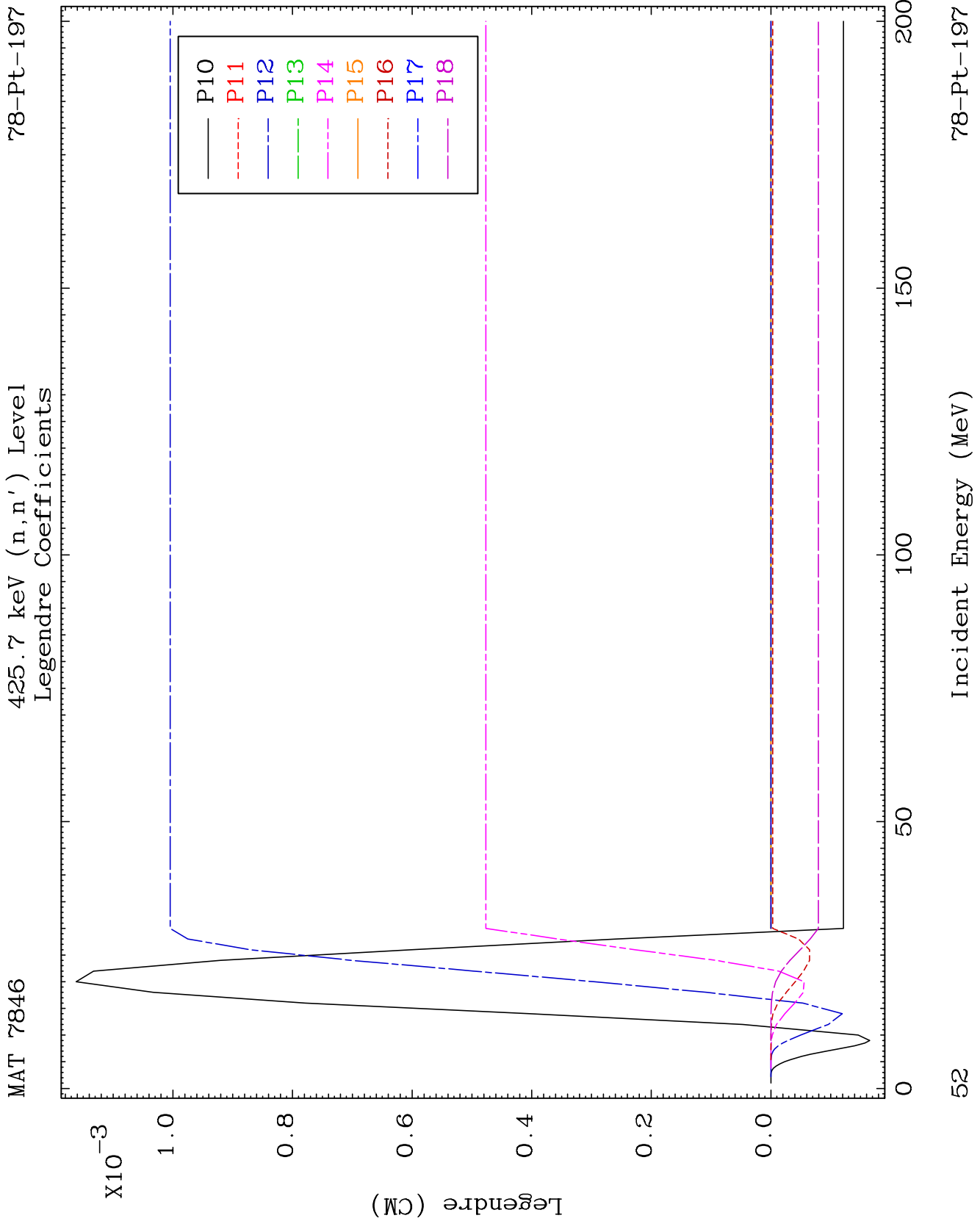
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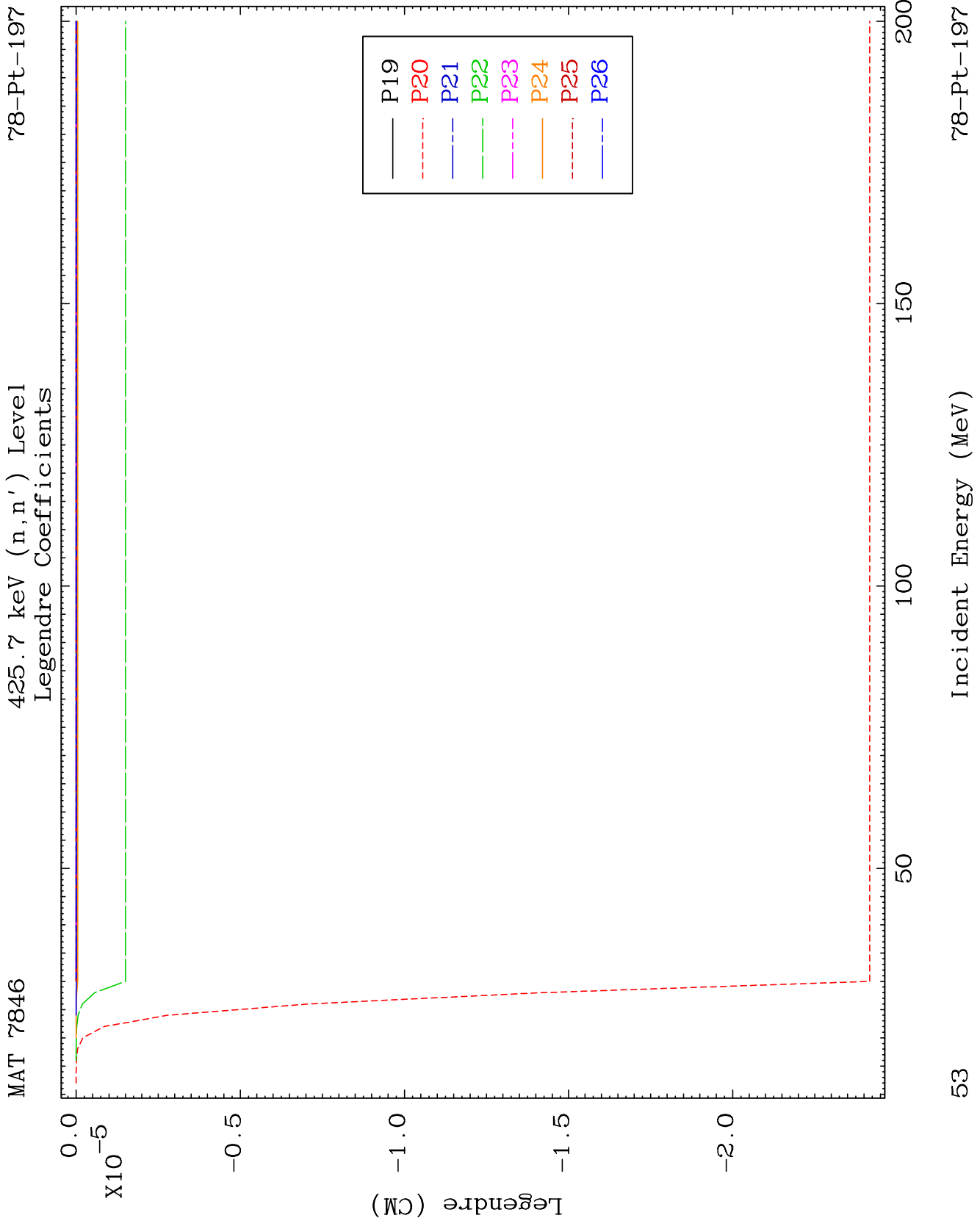


51

Incident Energy (MeV)

78-Pt-197

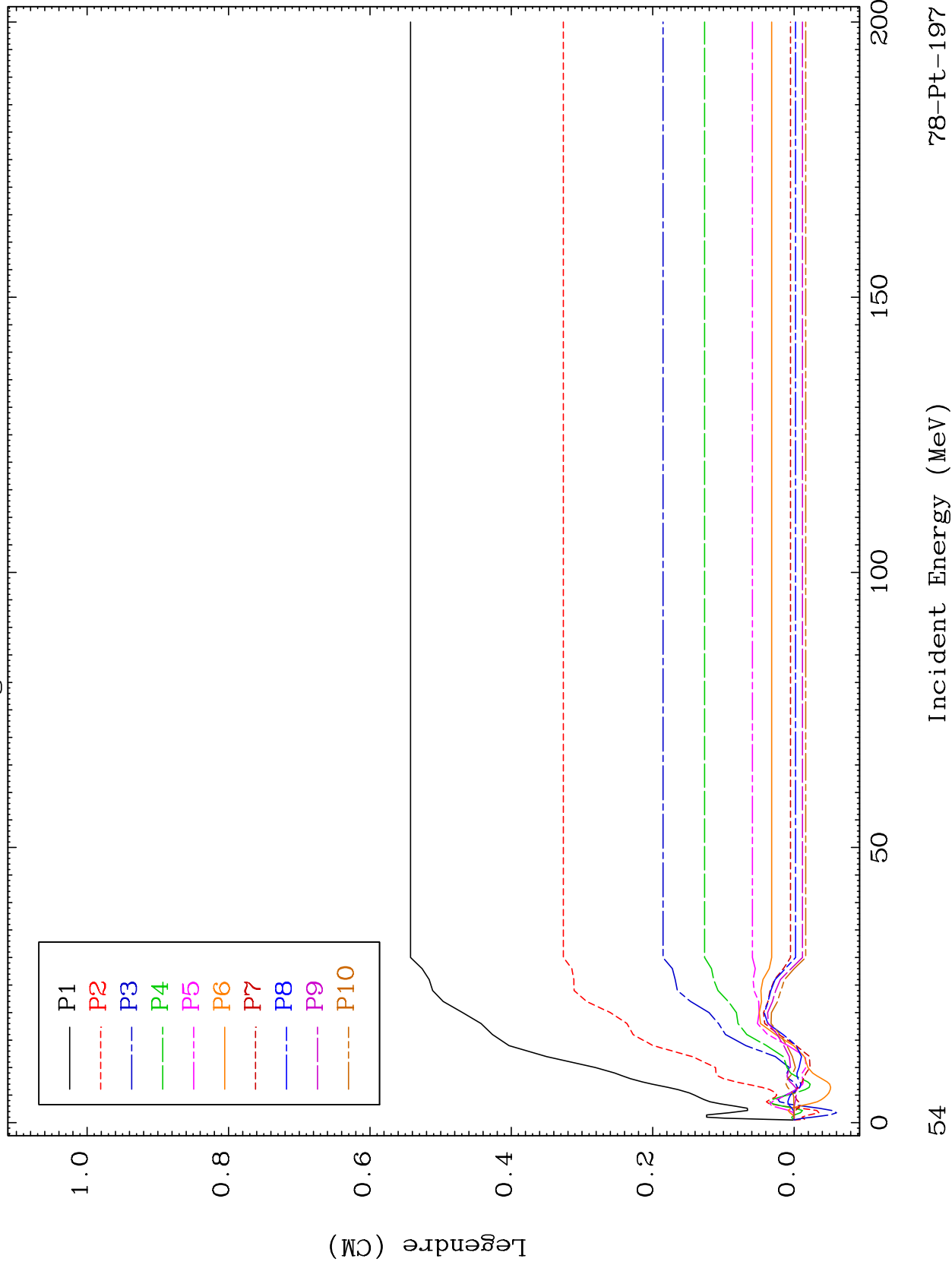




MAT 7846

456.9 keV (n, n') Level  
Legendre Coefficients

78-Pt-197



54

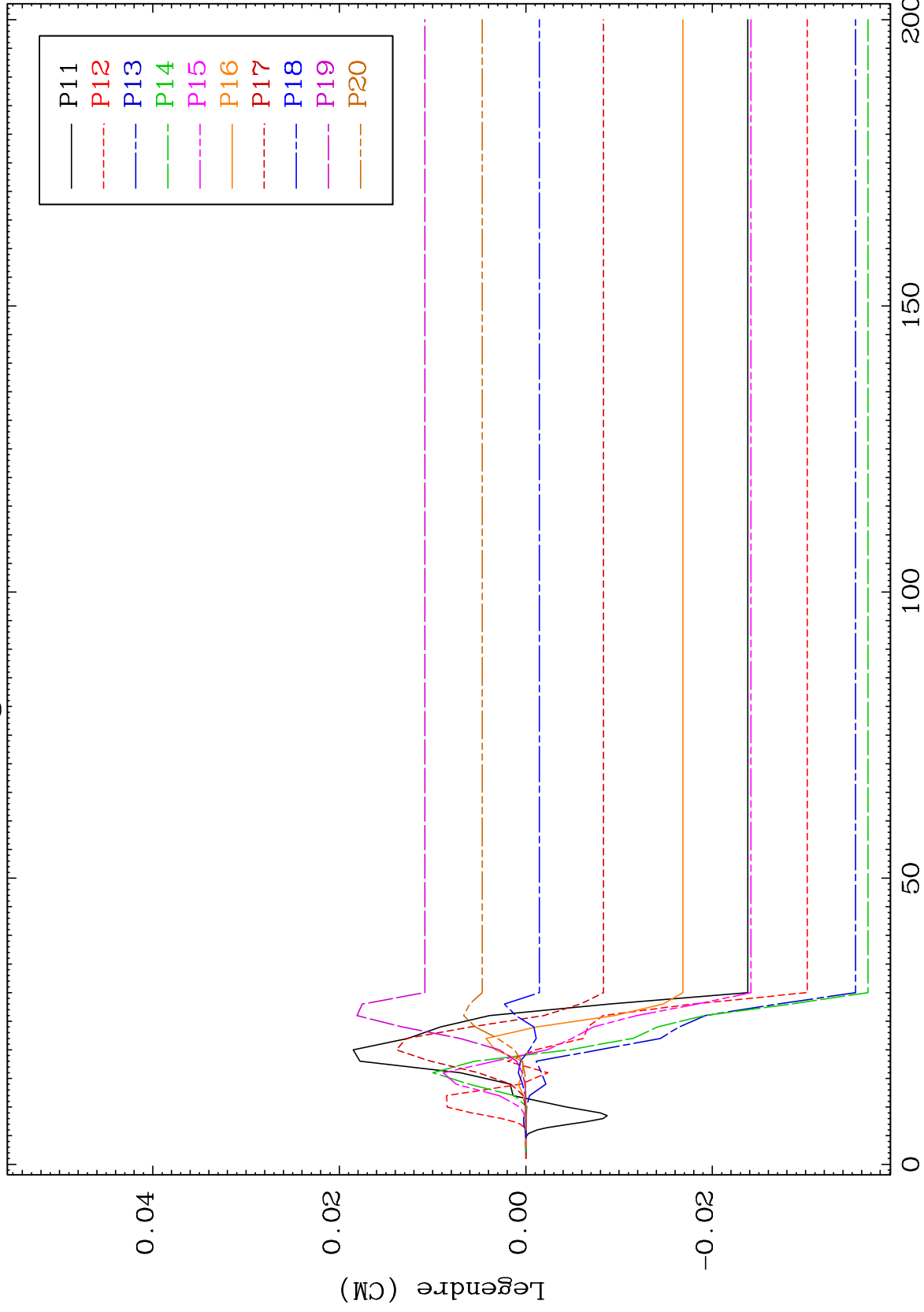
Incident Energy (MeV)

78-Pt-197

MAT 7846

456.9 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



55

Incident Energy (MeV)

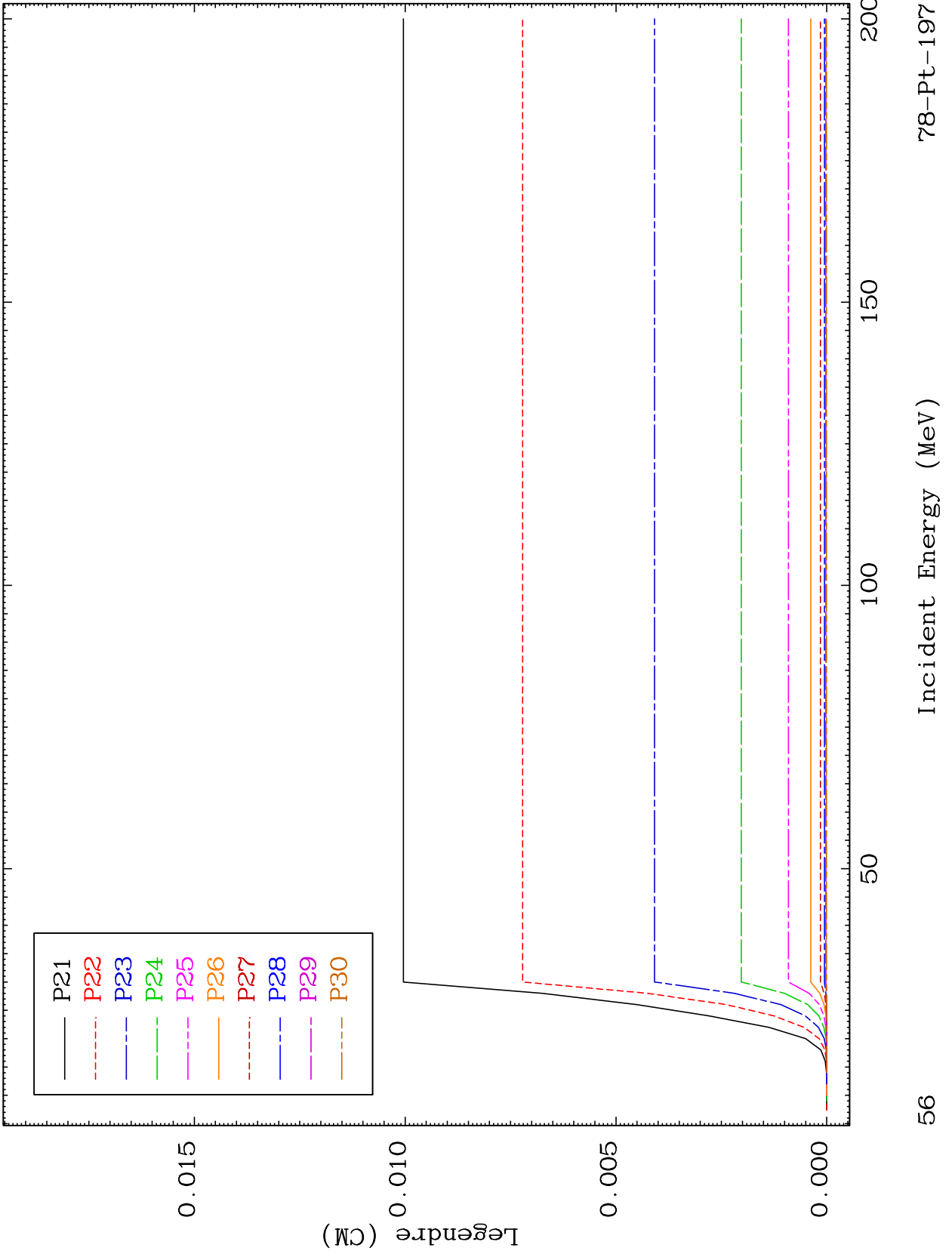
78-Pt-197



MAT 7846

456.9 keV (n,n') Level  
Legendre Coefficients

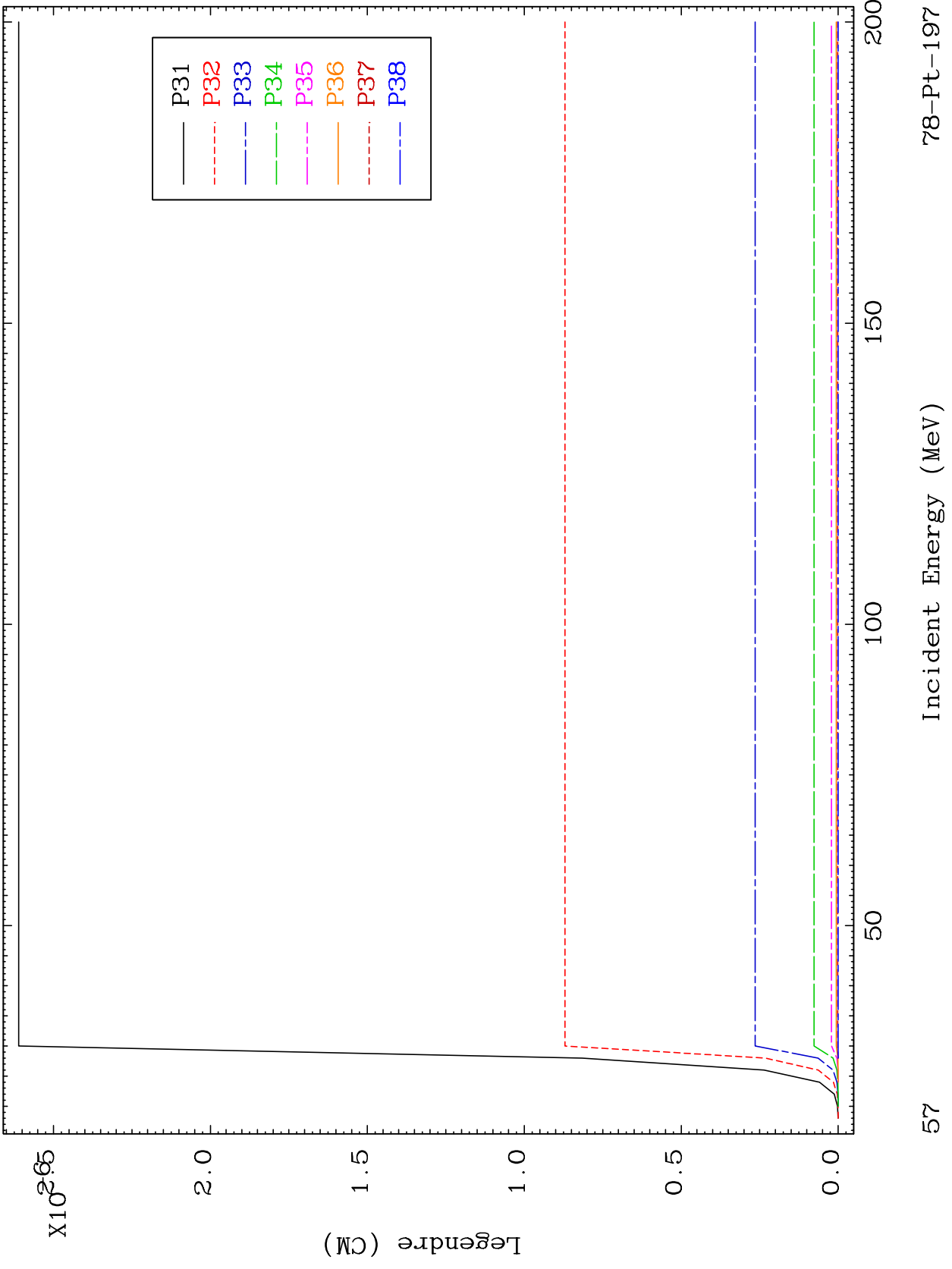
78-Pt-197

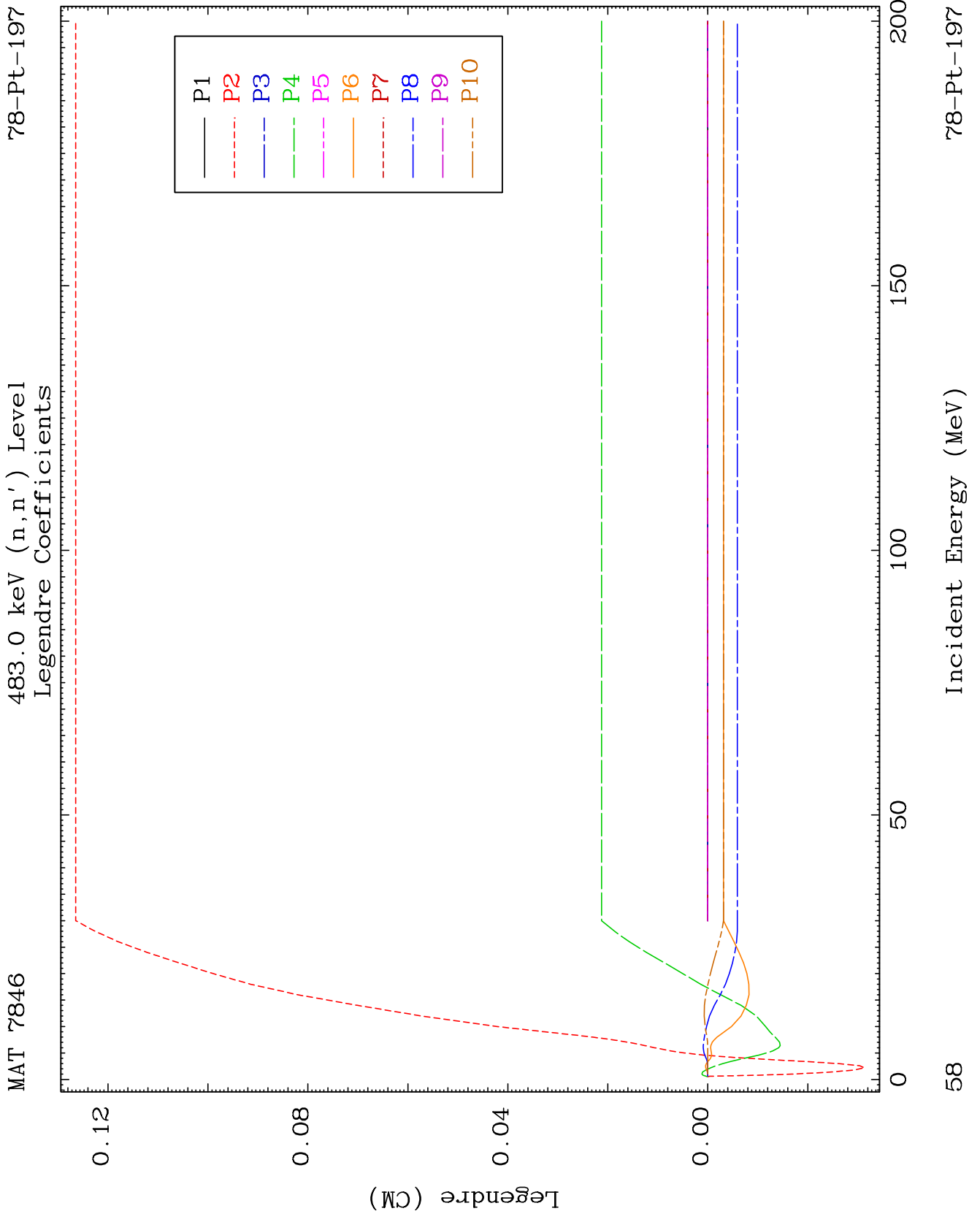


56

Incident Energy (MeV)

78-Pt-197

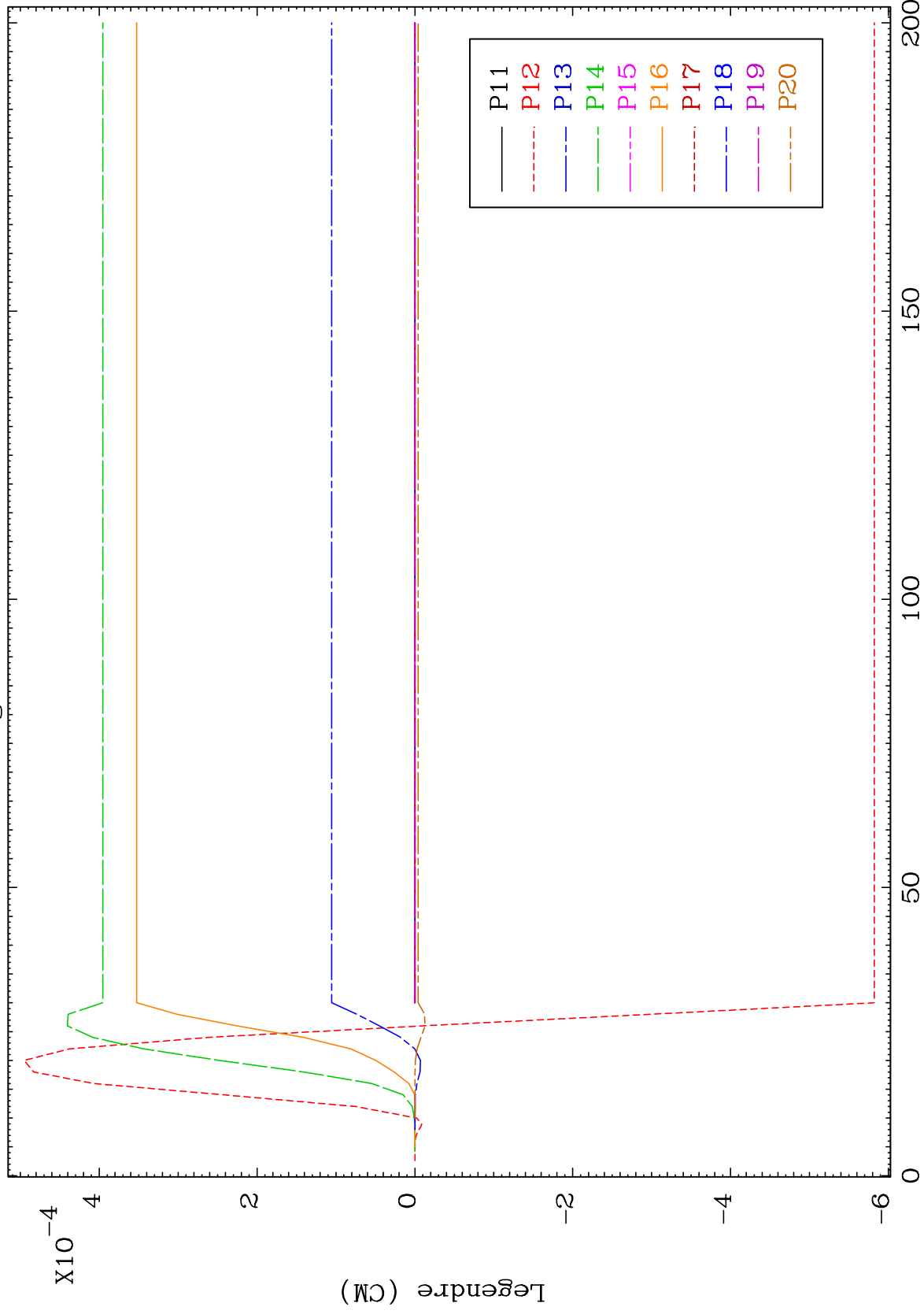




MAT 7846

483.0 keV (n,n') Level  
Legendre Coefficients

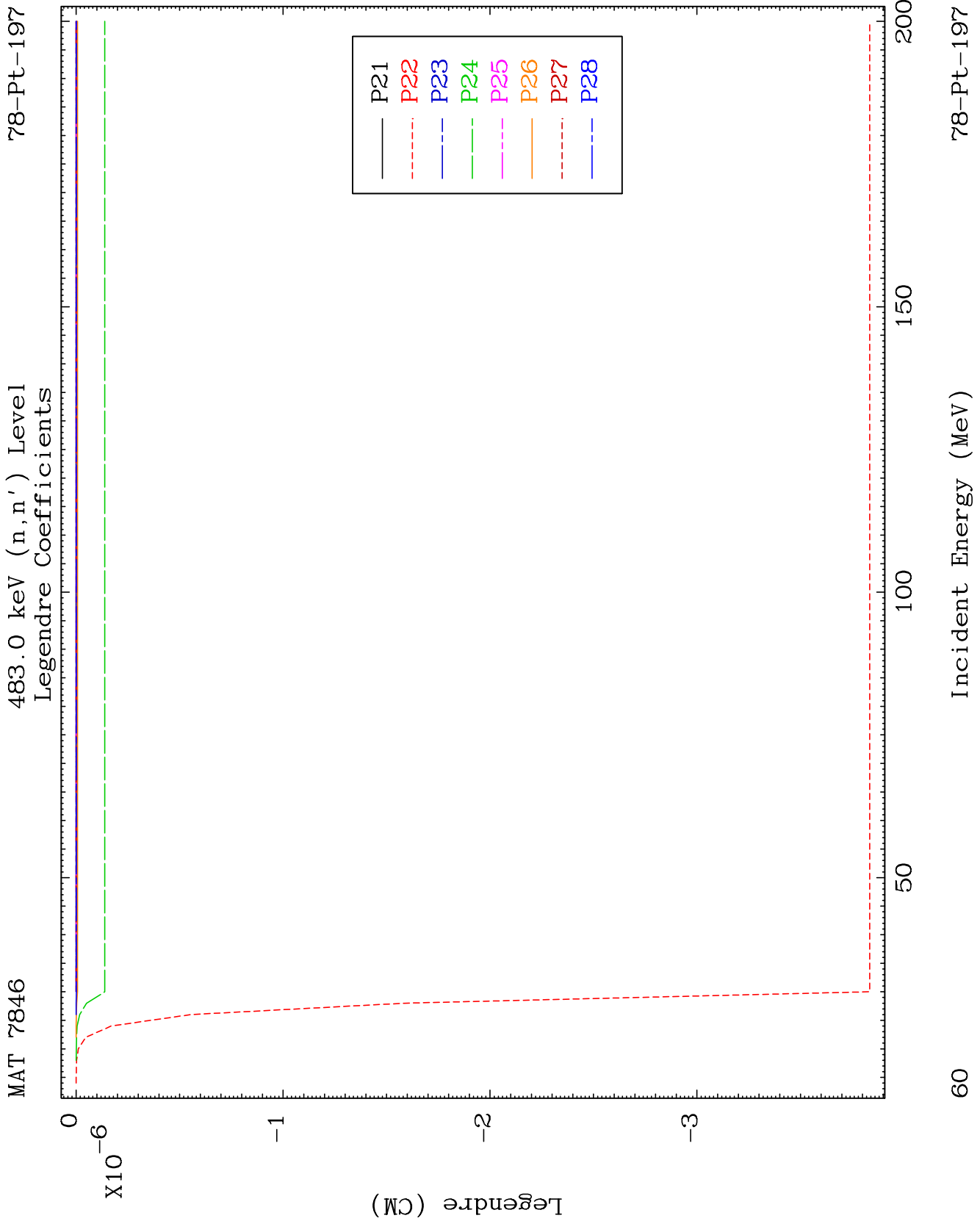
78-Pt-197



59

Incident Energy (MeV)

78-Pt-197

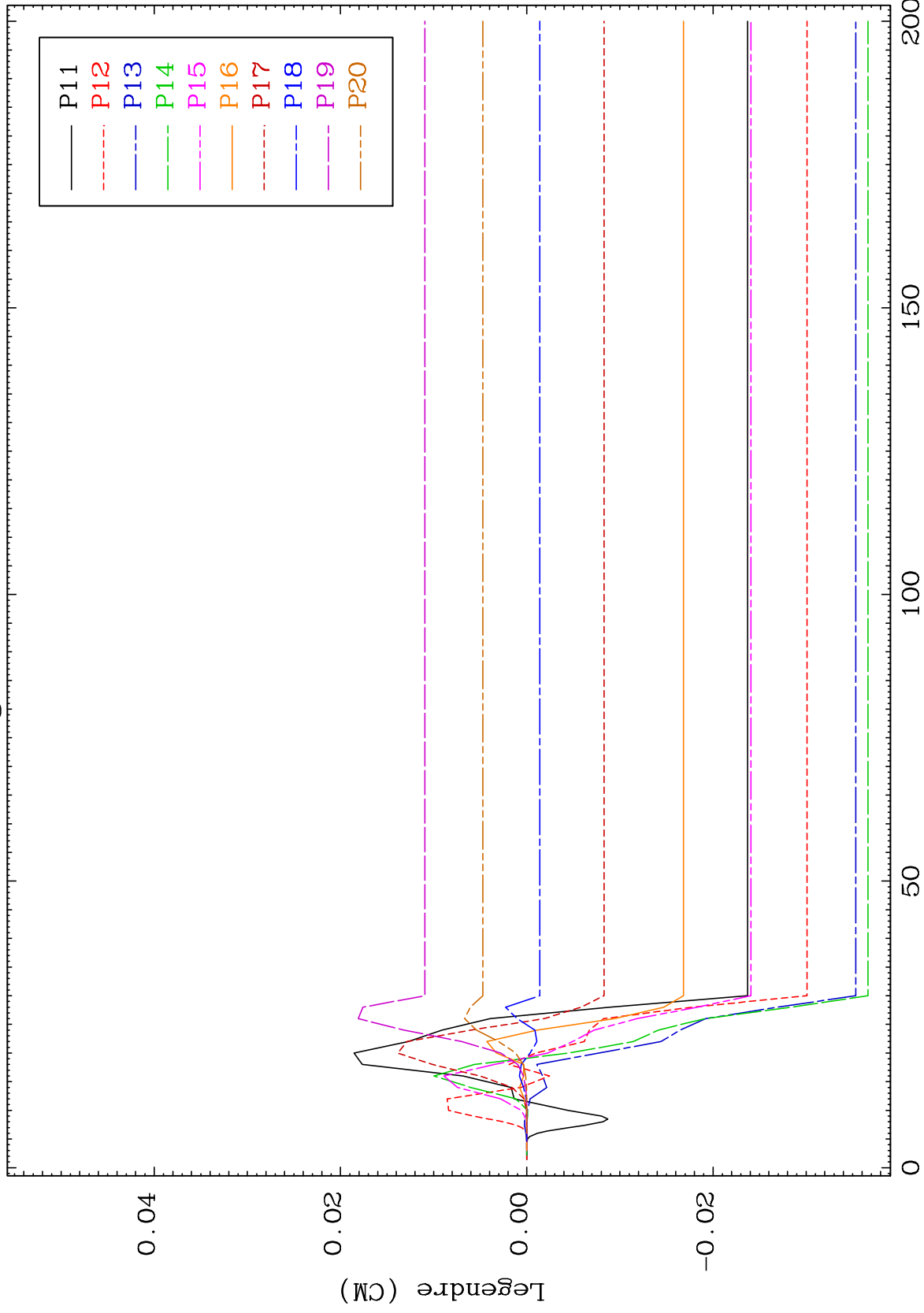




MAT 7846

502.4 keV (n,n') Level  
Legendre Coefficients

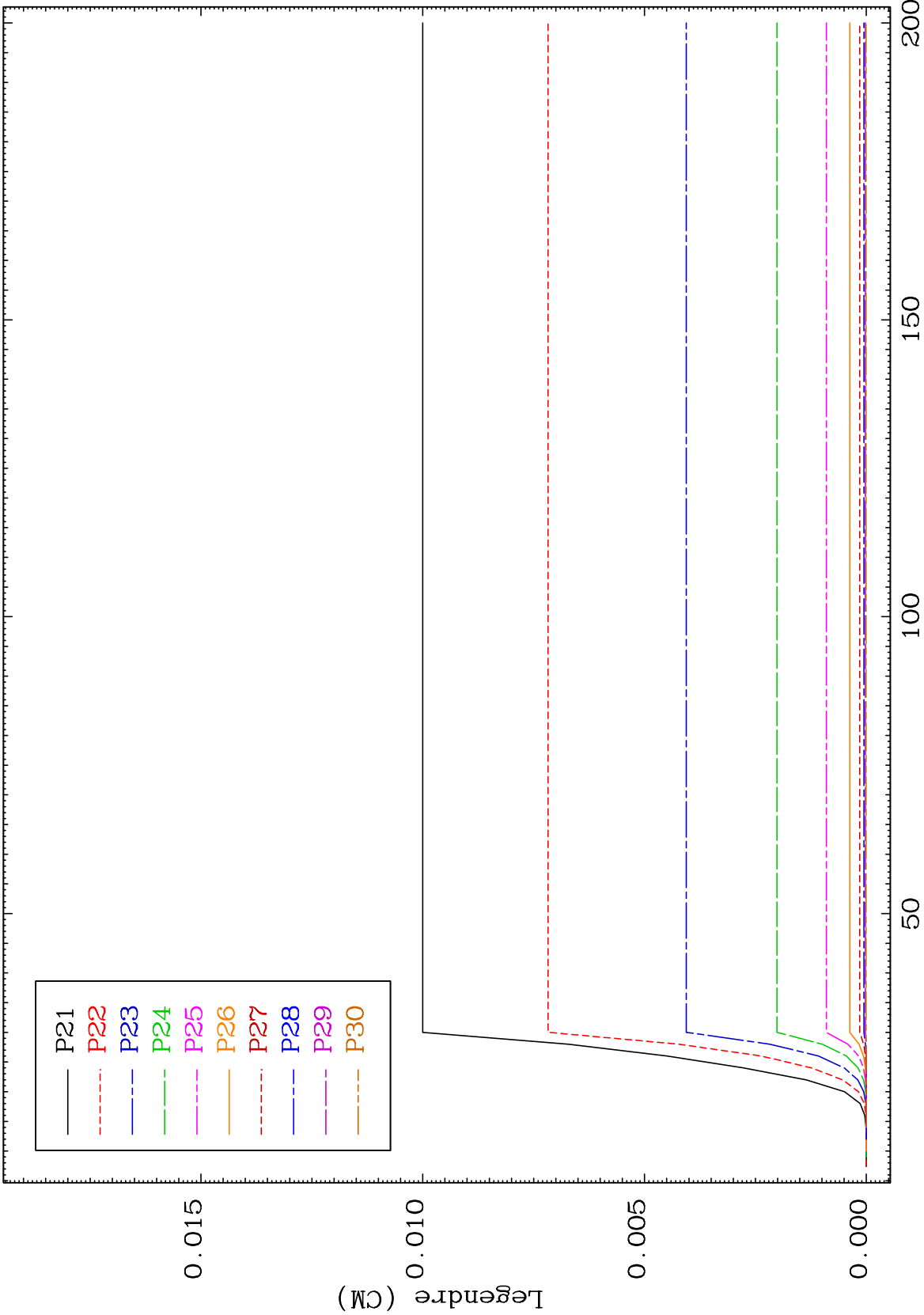
78-Pt-197



62

Incident Energy (MeV)

78-Pt-197

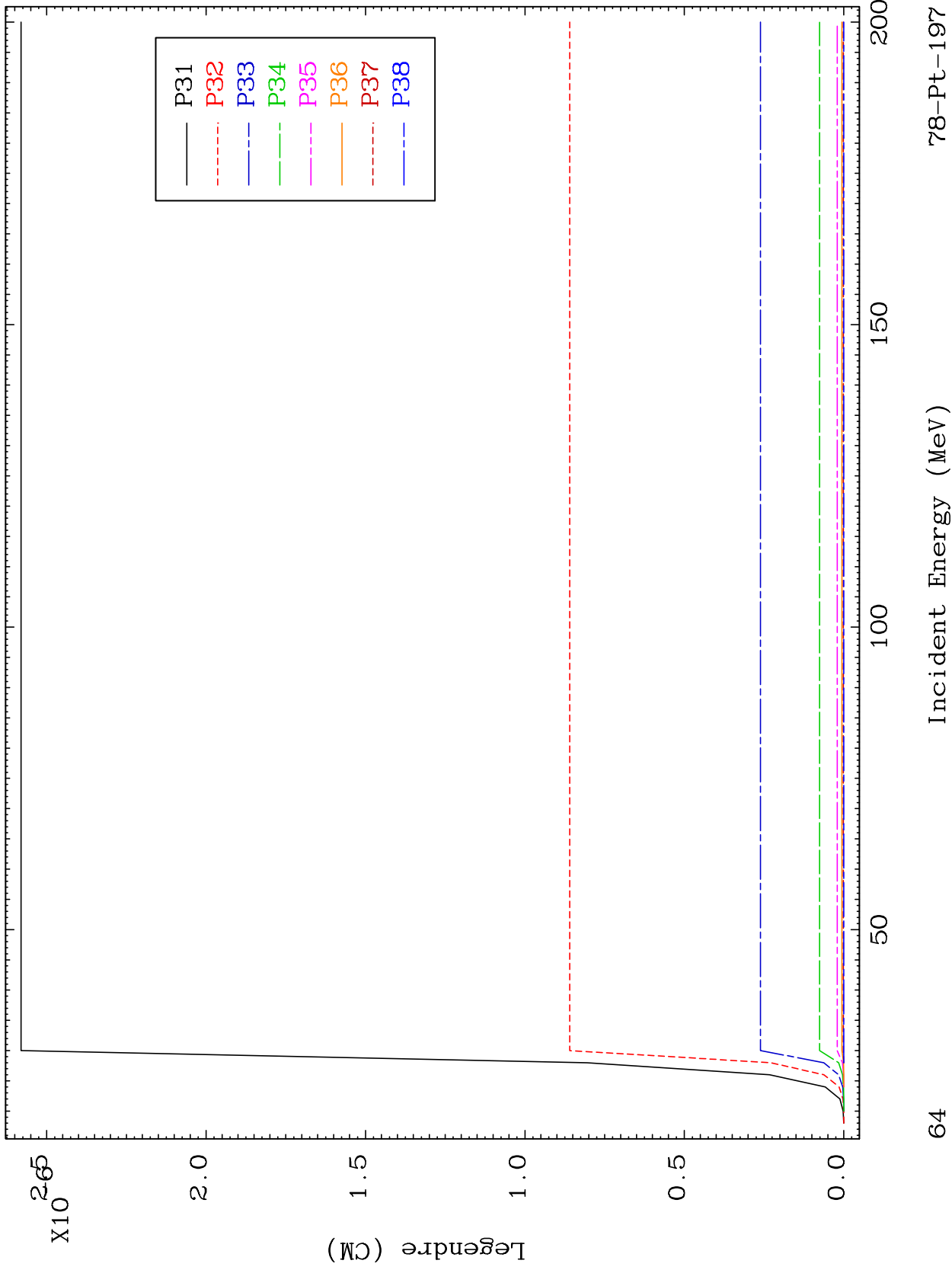




MAT 7846

502.4 keV (n, n') Level  
Legendre Coefficients

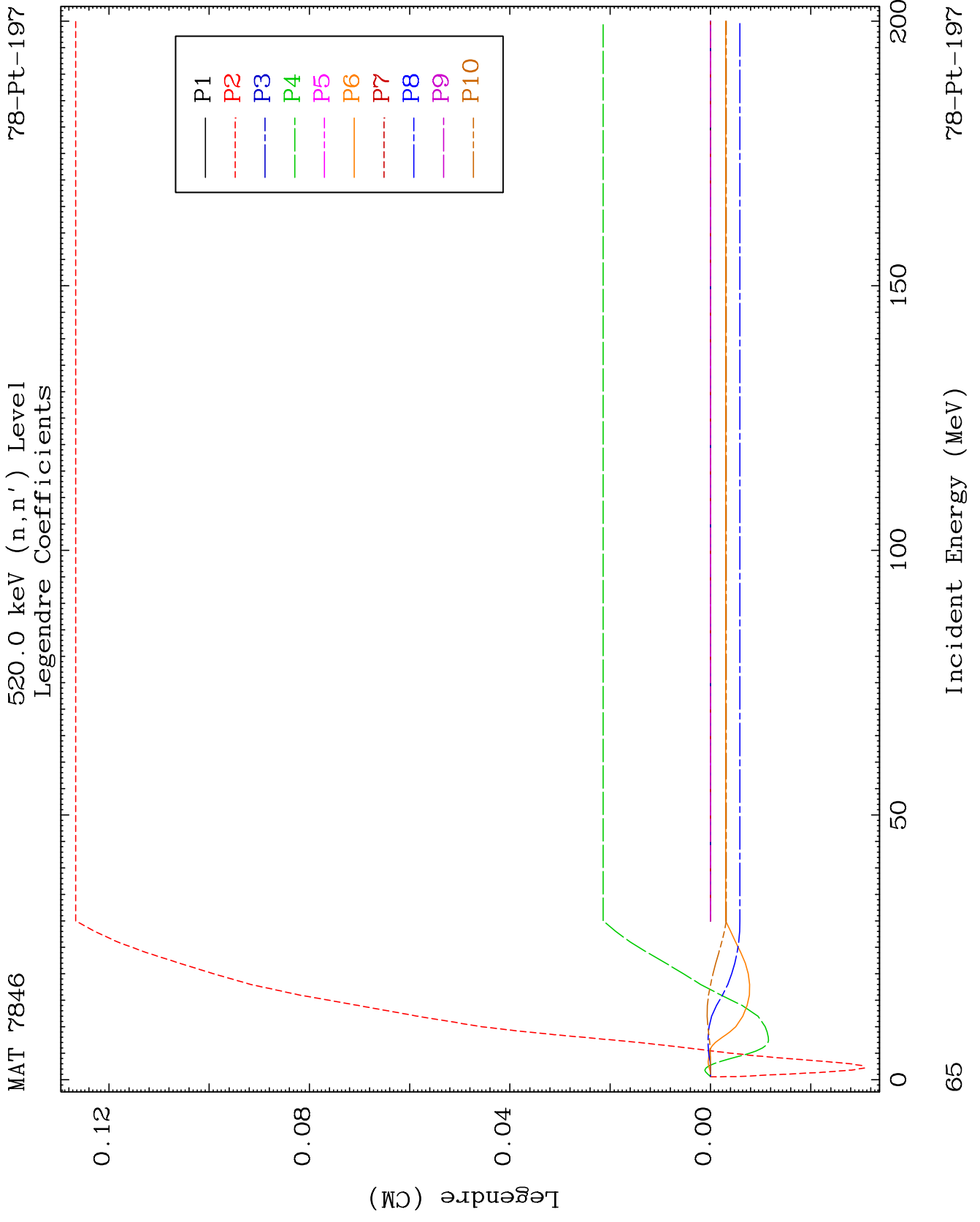
78-Pt-197

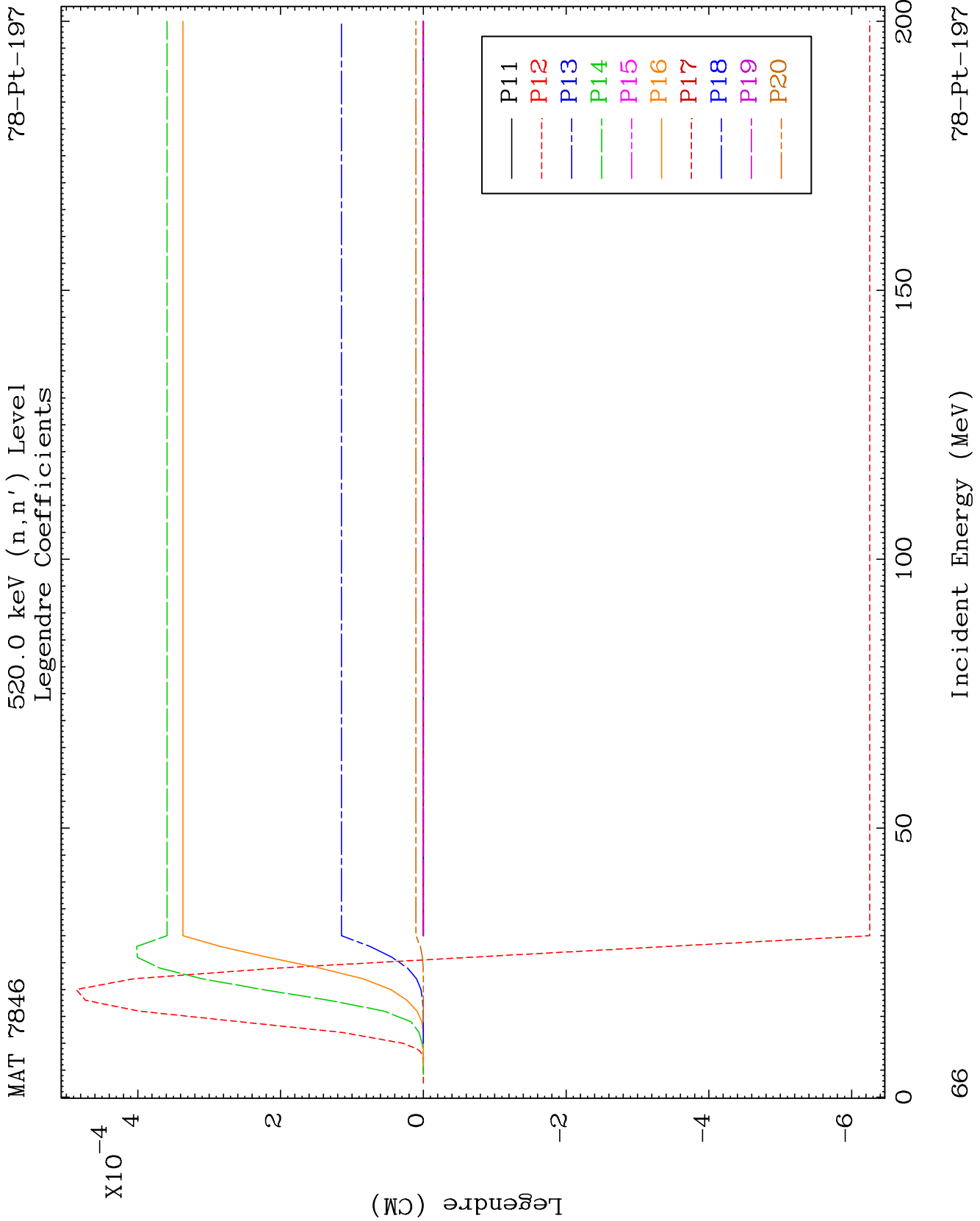


64

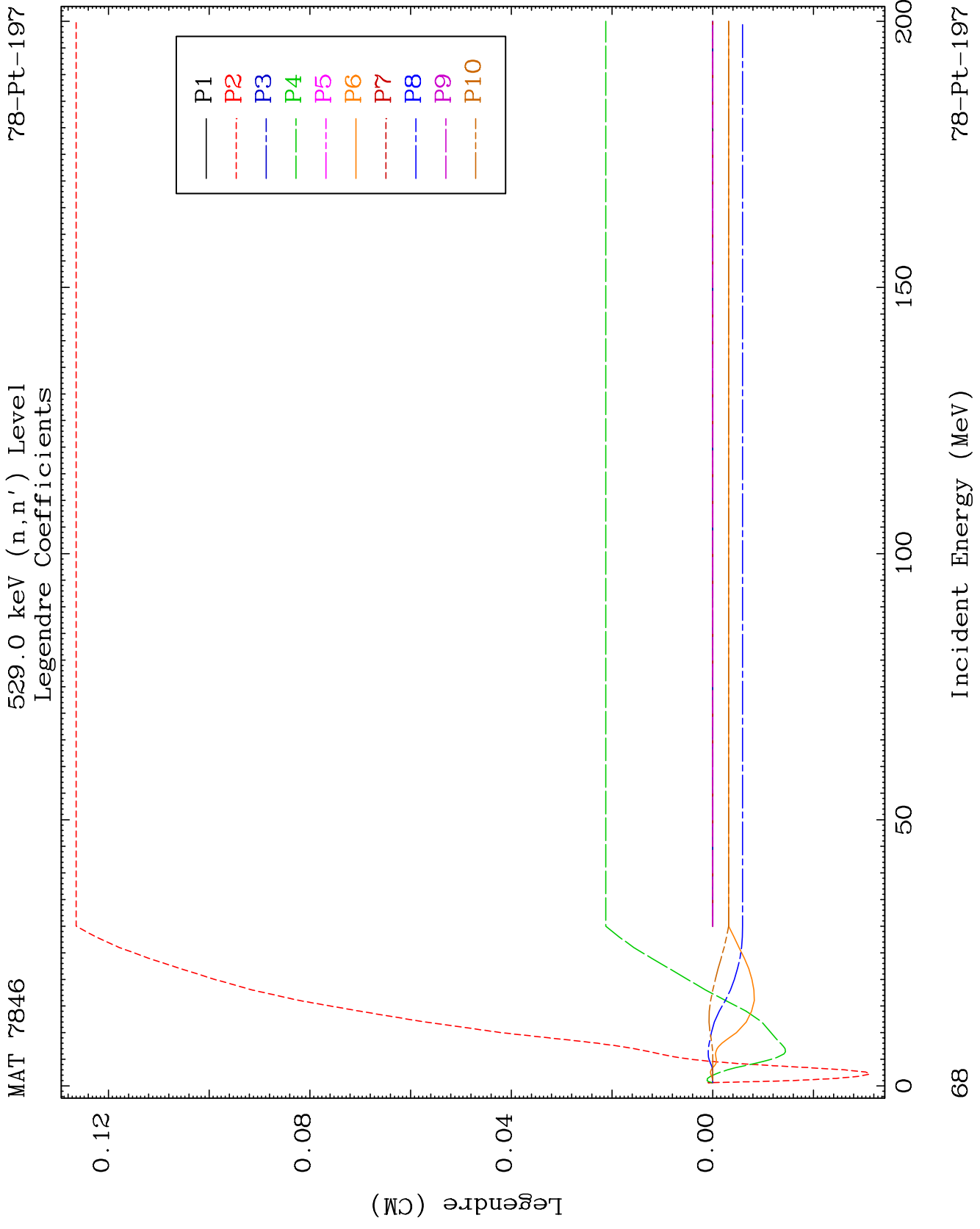
Incident Energy (MeV)

78-Pt-197





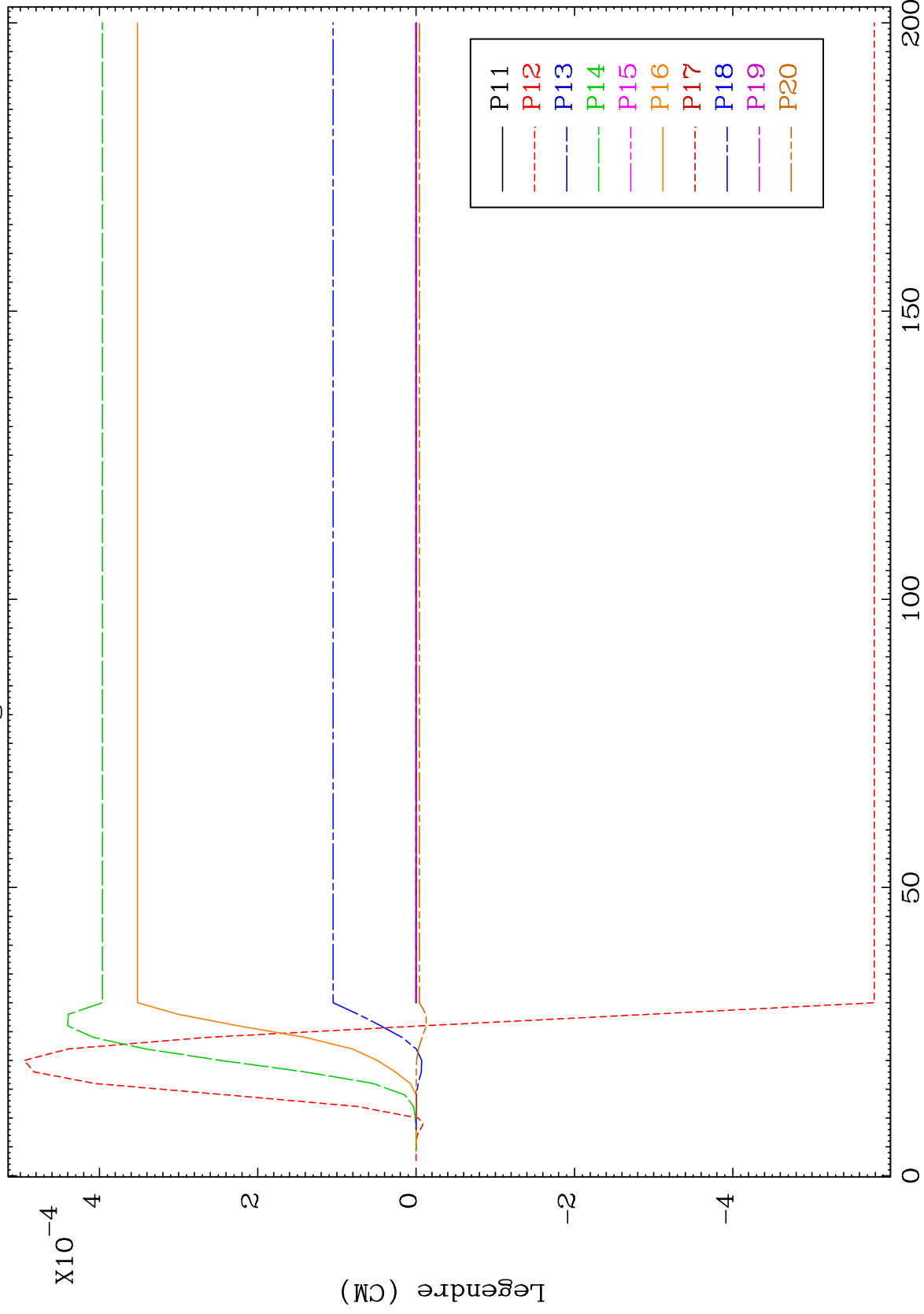




MAT 7846

529.0 keV (n,n') Level  
Legendre Coefficients

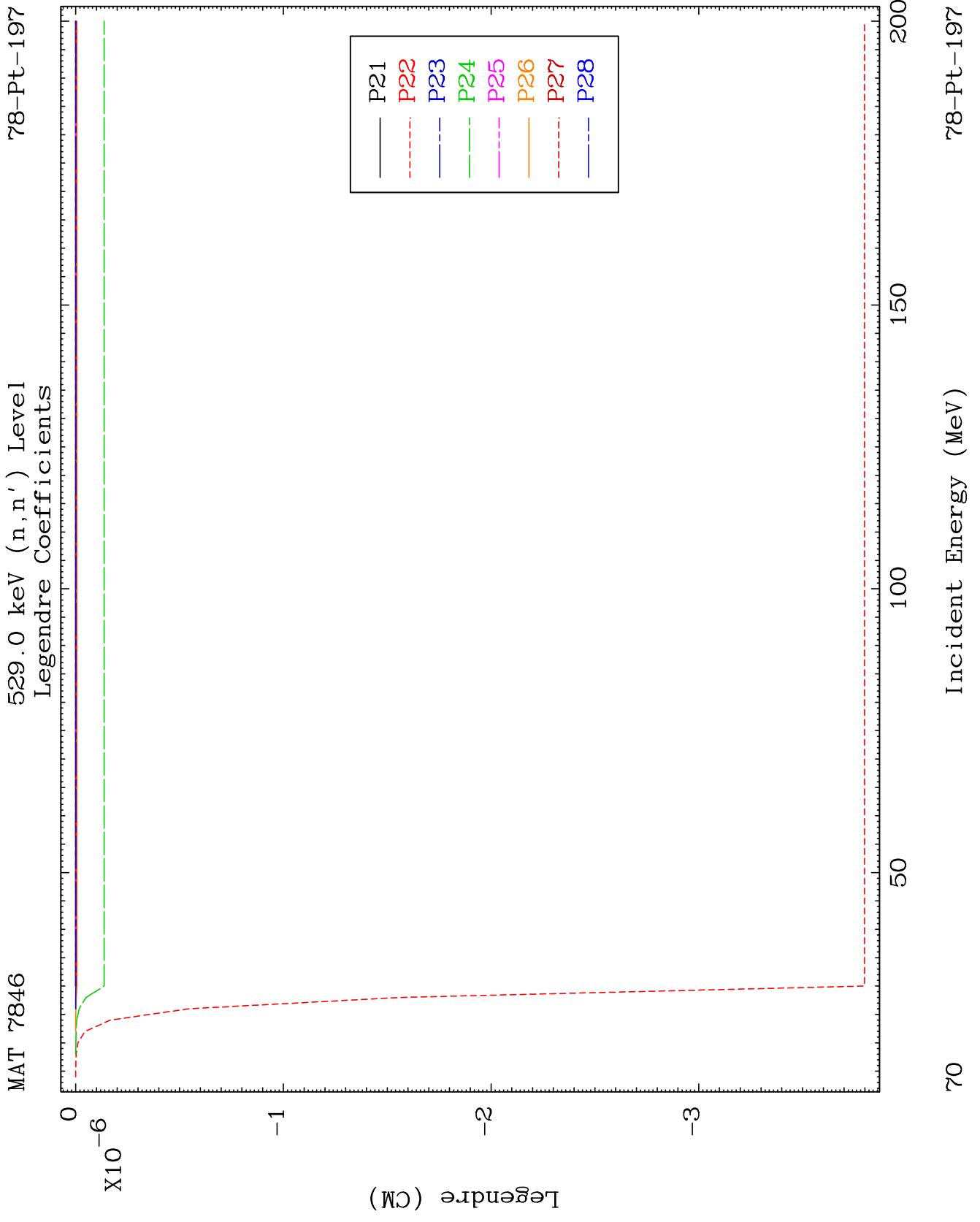
78-Pt-197



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Incident Energy (MeV)

78-Pt-197



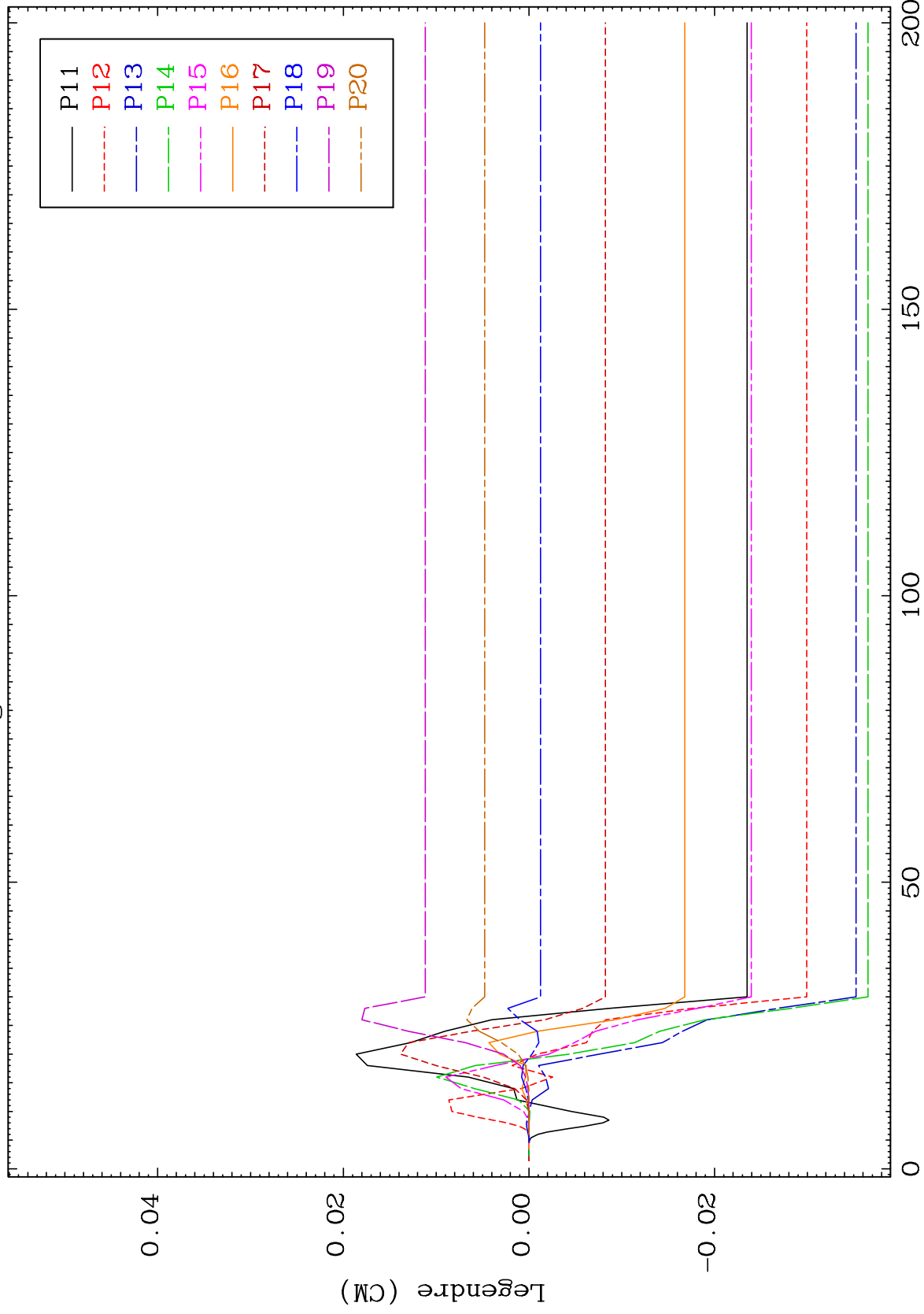




MAT 7846

595.3 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



72

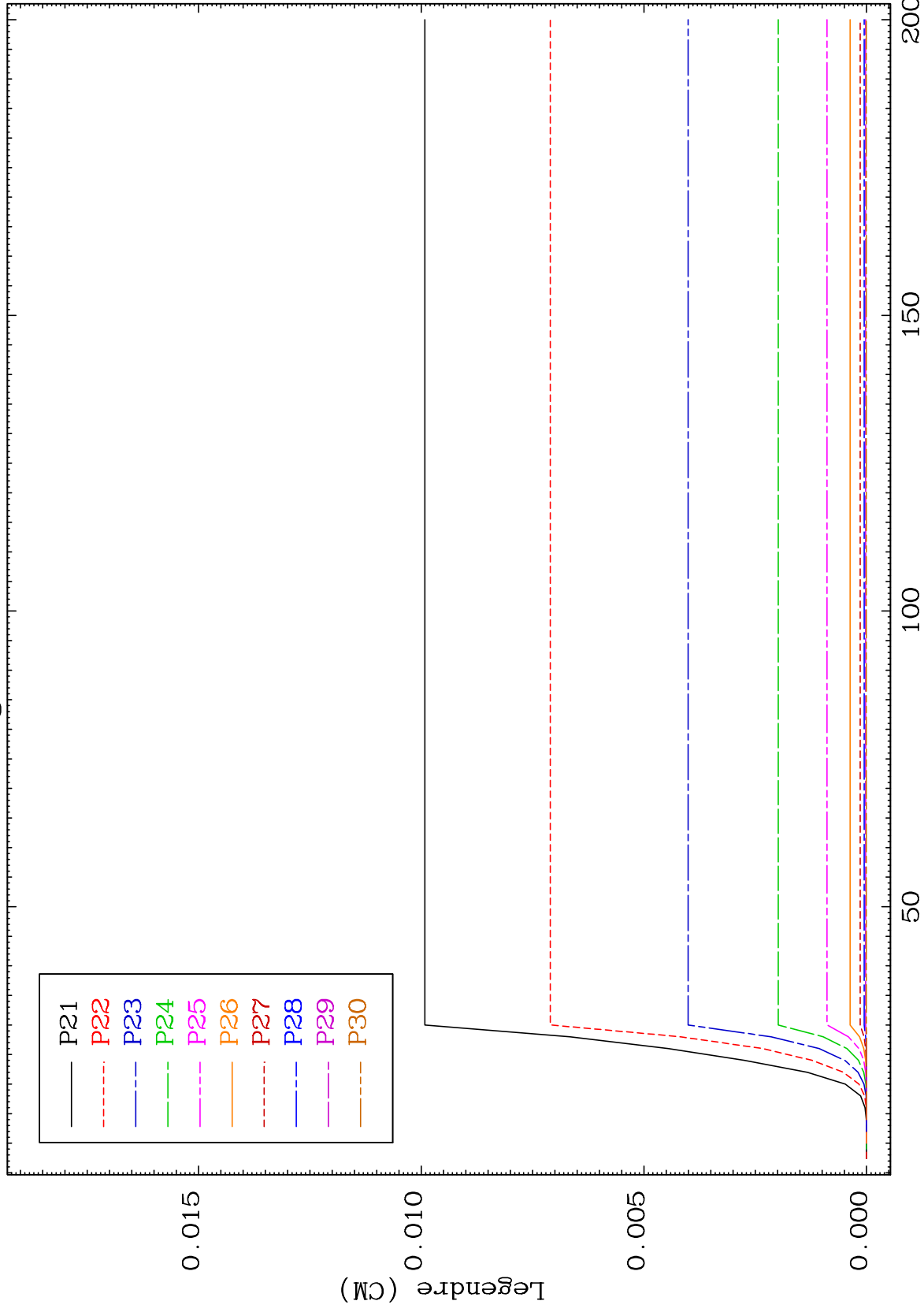
Incident Energy (MeV)

78-Pt-197

MAT 7846

595.3 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



73

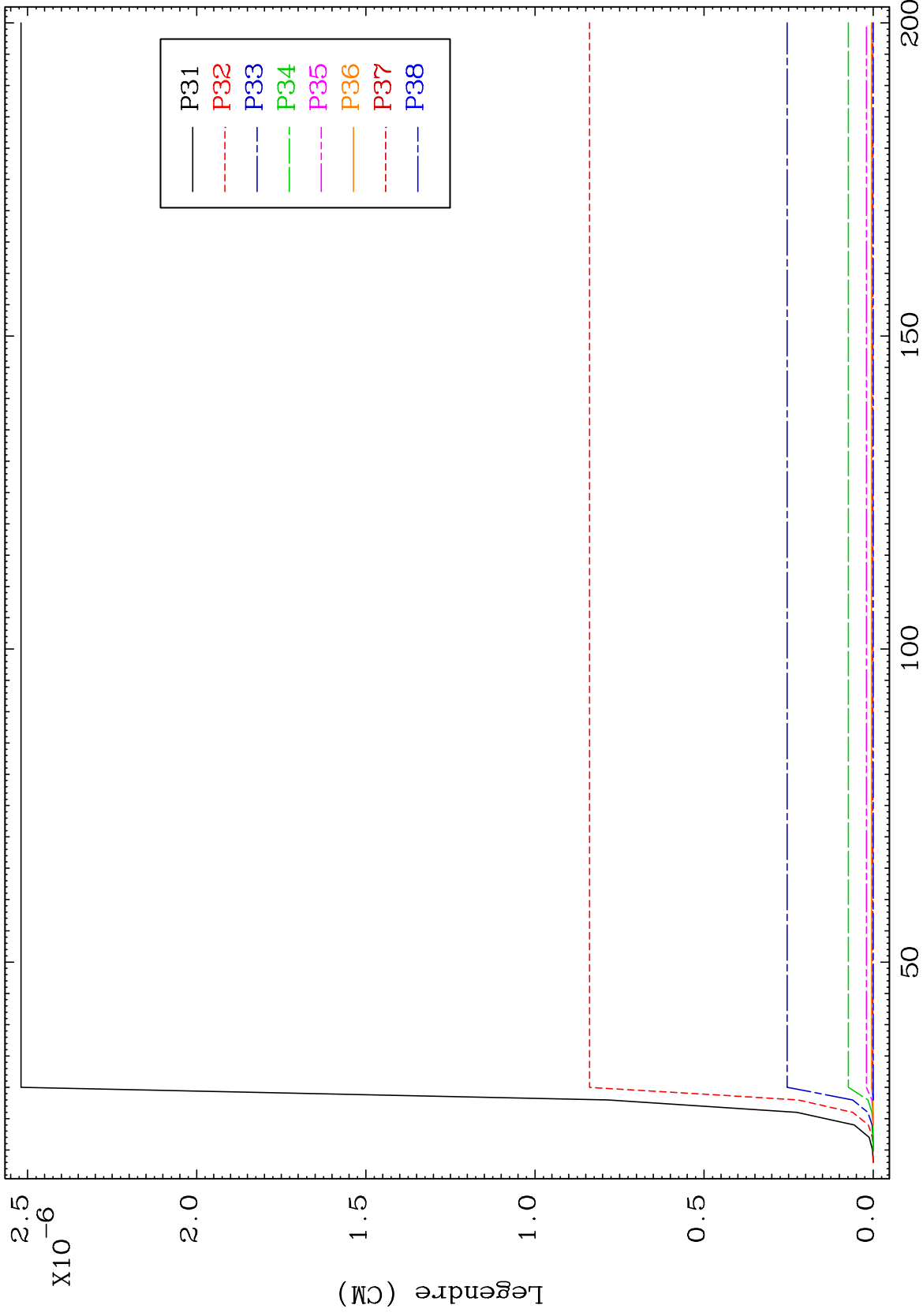
Incident Energy (MeV)

78-Pt-197

MAT 7846

595.3 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



74

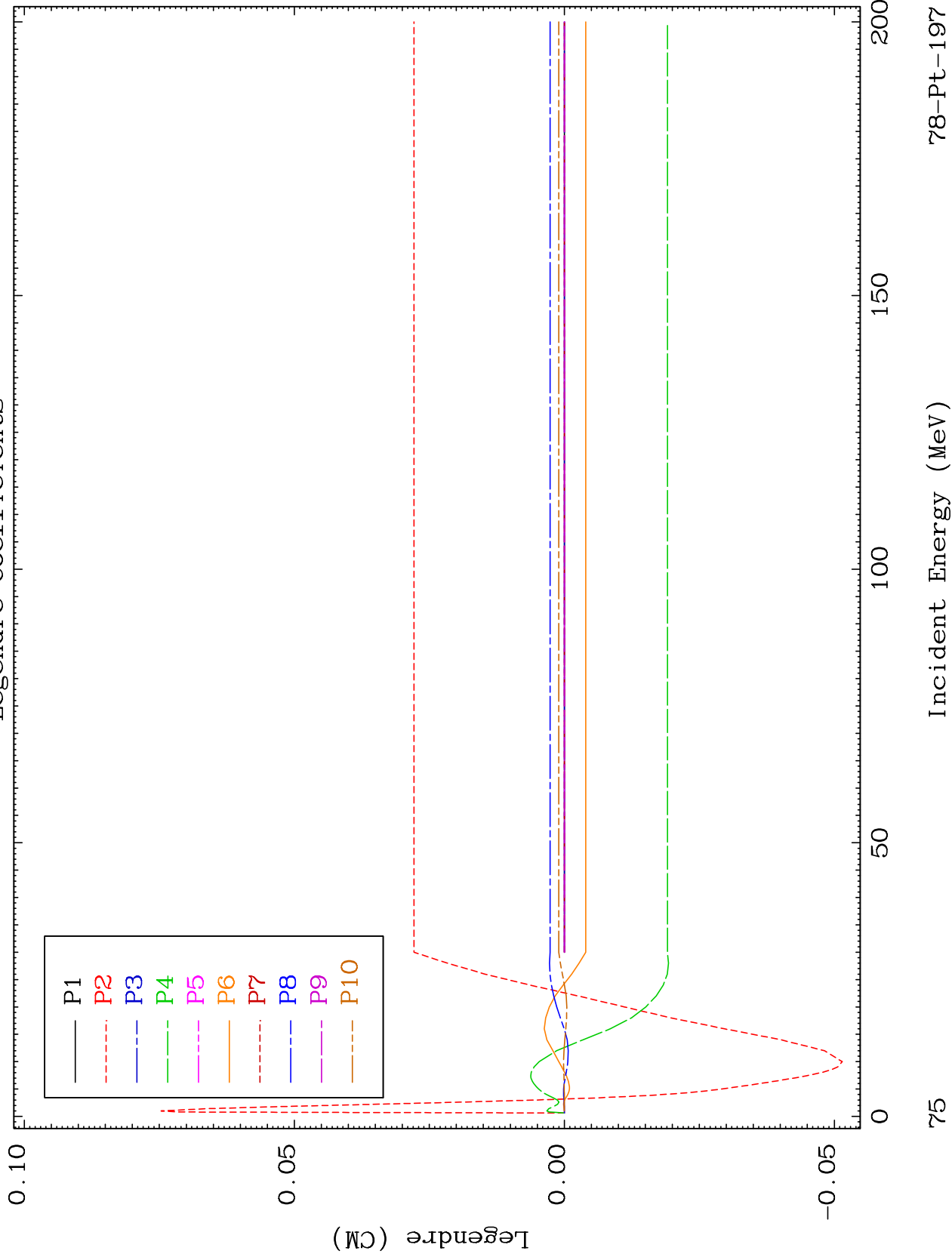
Incident Energy (MeV)

78-Pt-197

MAT 7846

612.0 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



78-Pt-197

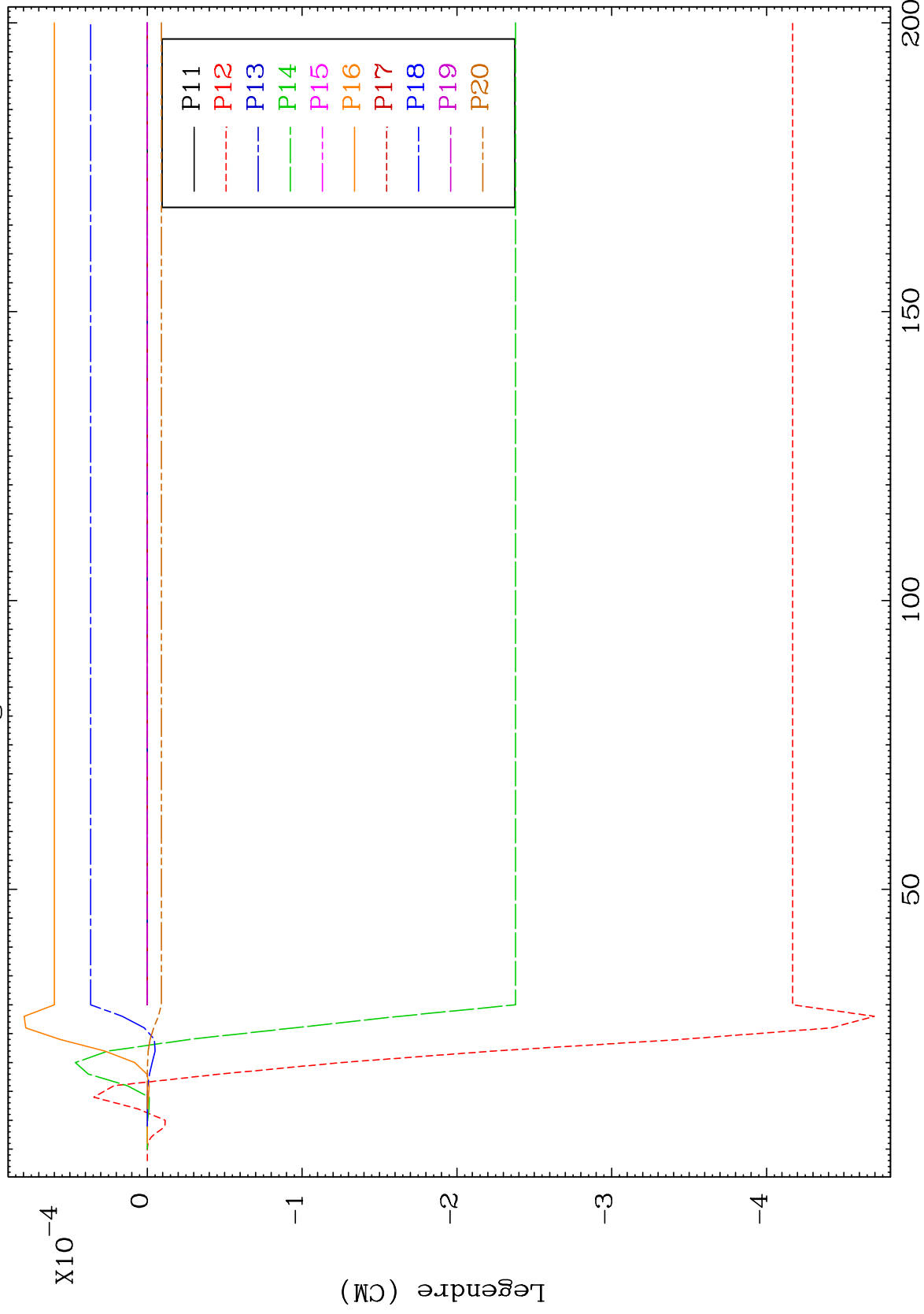
Incident Energy (MeV)

75

MAT 7846

612.0 keV (n,n') Level  
Legendre Coefficients

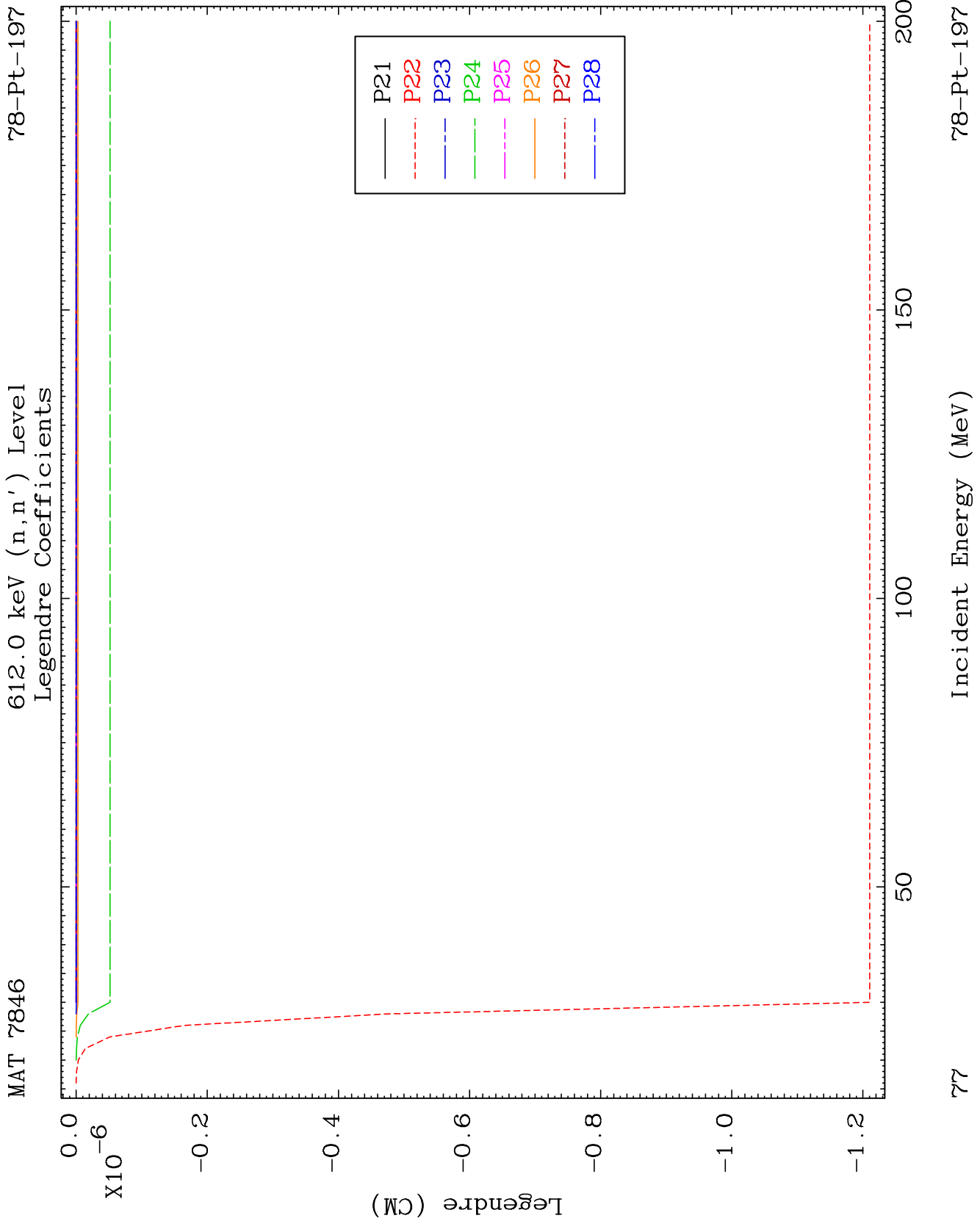
78-Pt-197



76

Incident Energy (MeV)

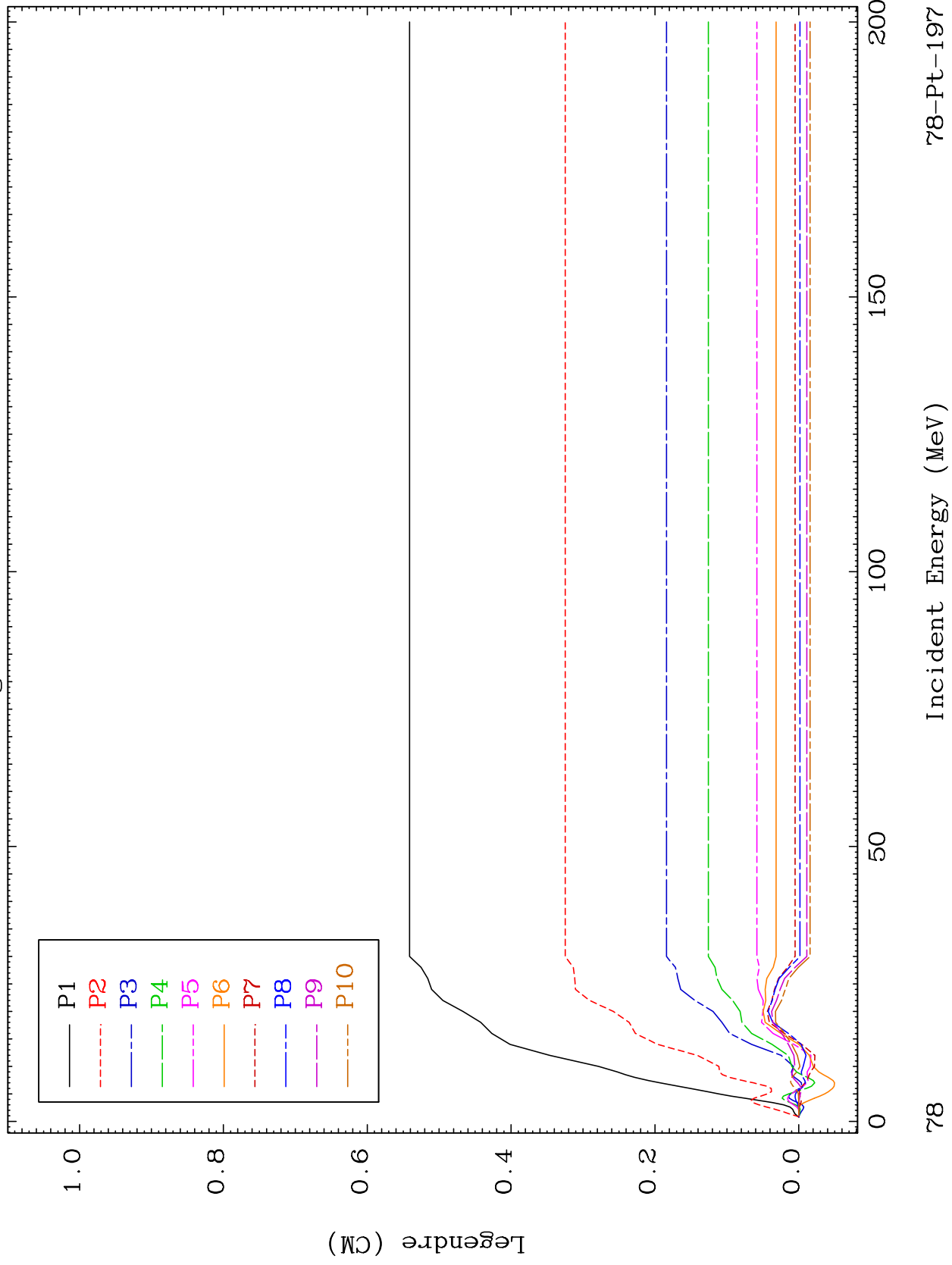
78-Pt-197



MAT 7846

708.4 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



78-Pt-197

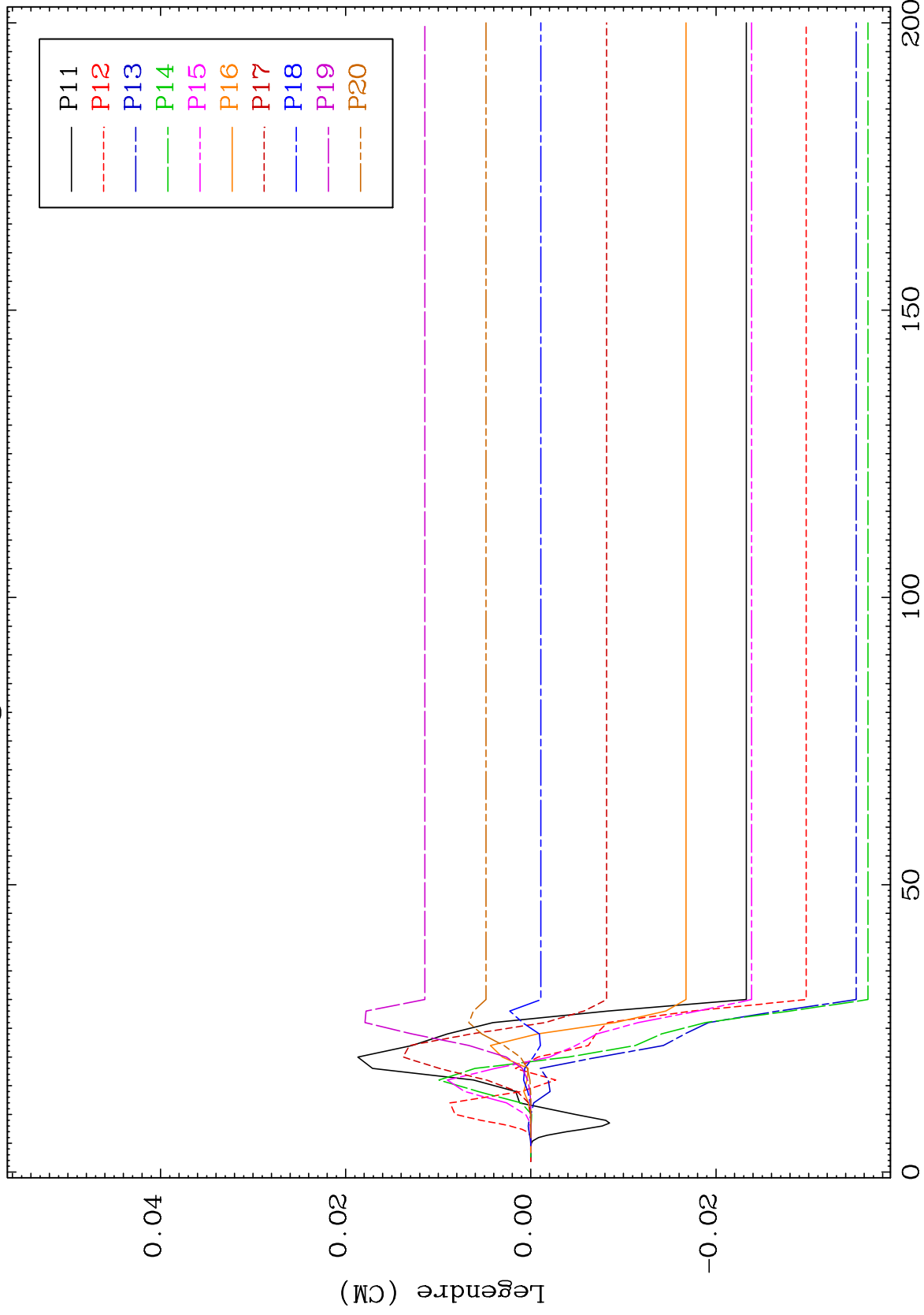
Incident Energy (MeV)

78

MAT 7846

708.4 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



79

Incident Energy (MeV)

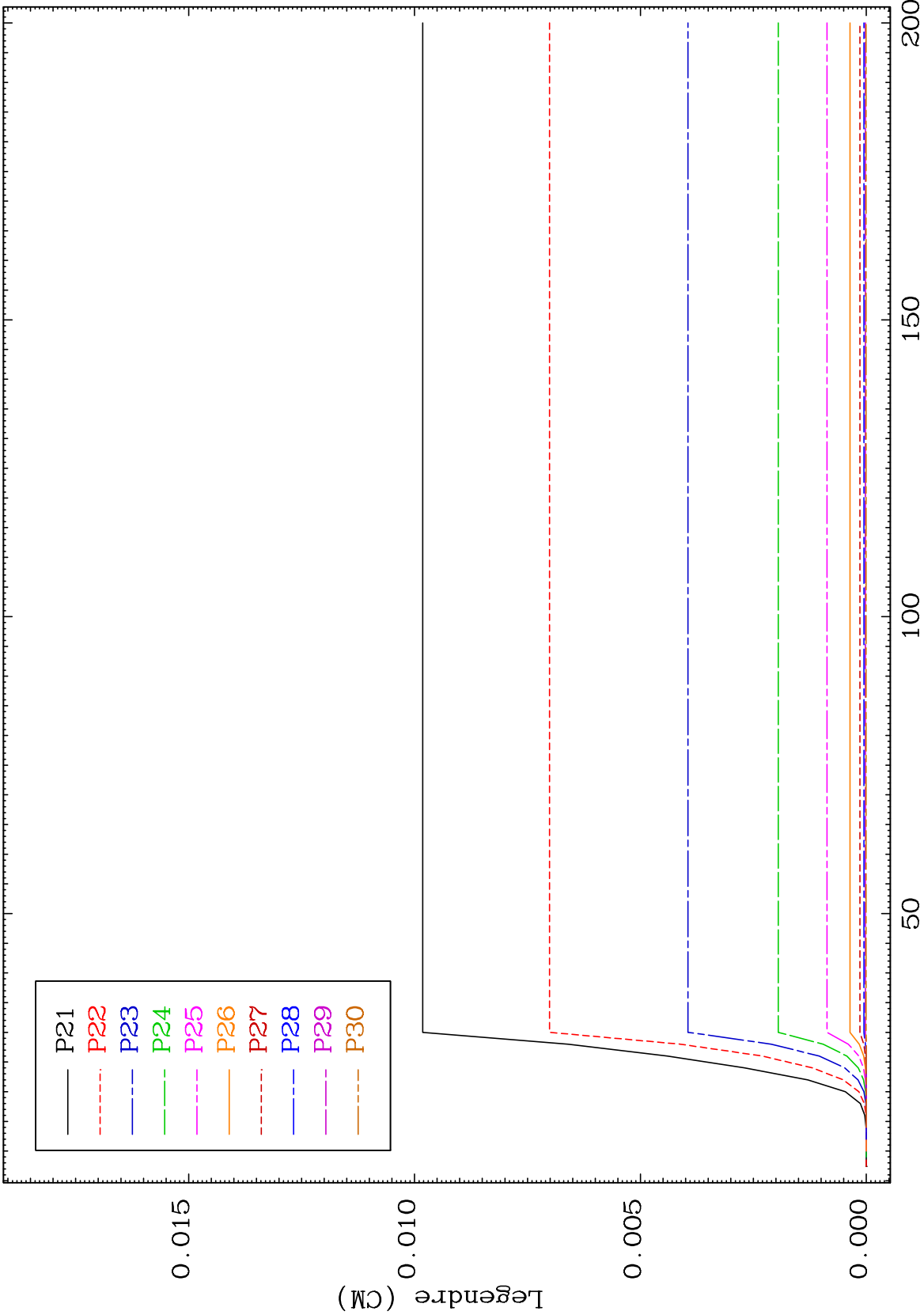
78-Pt-197



MAT 7846

708.4 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



80

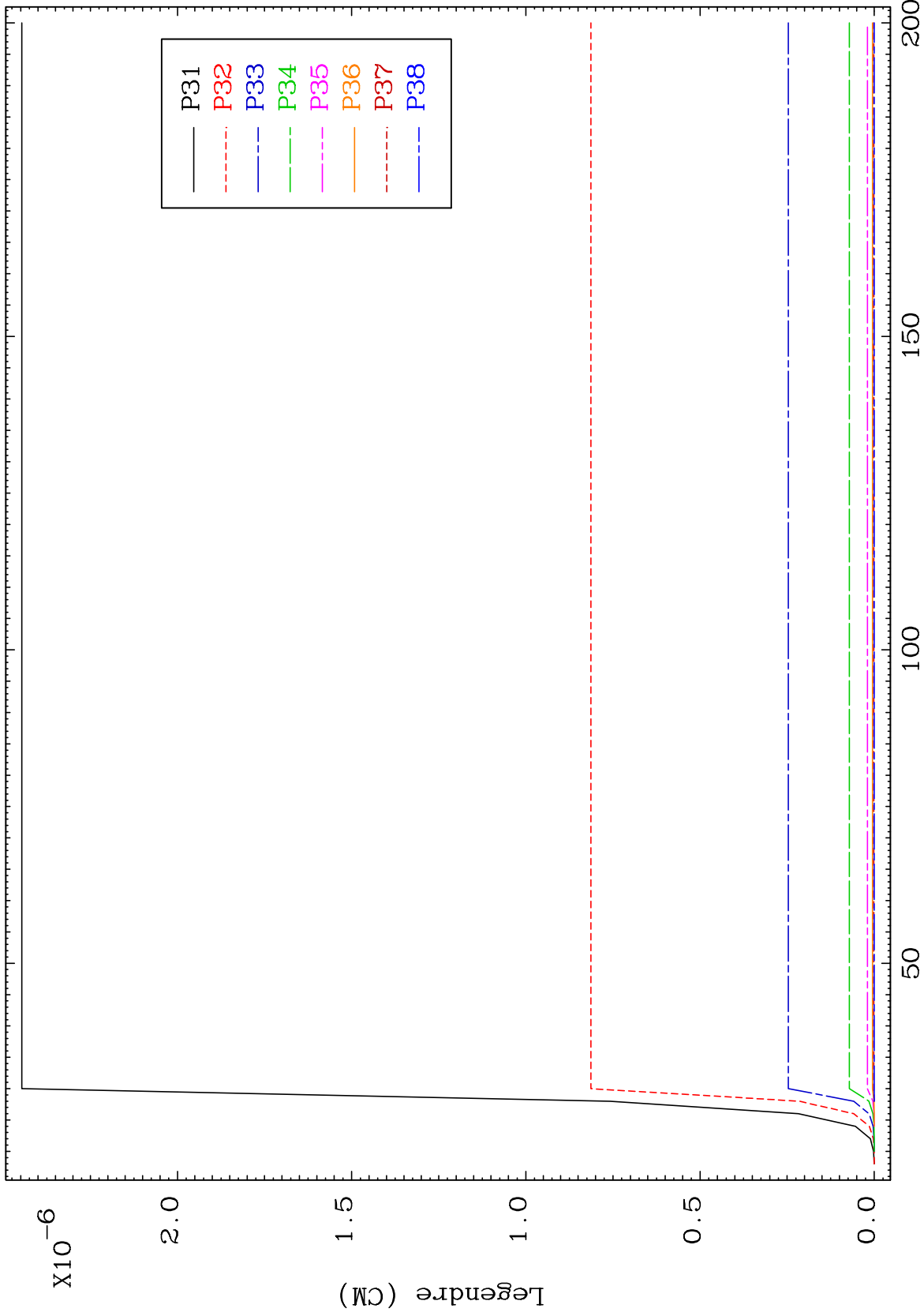
Incident Energy (MeV)

78-Pt-197

MAT 7846

708.4 keV (n,n') Level  
Legendre Coefficients

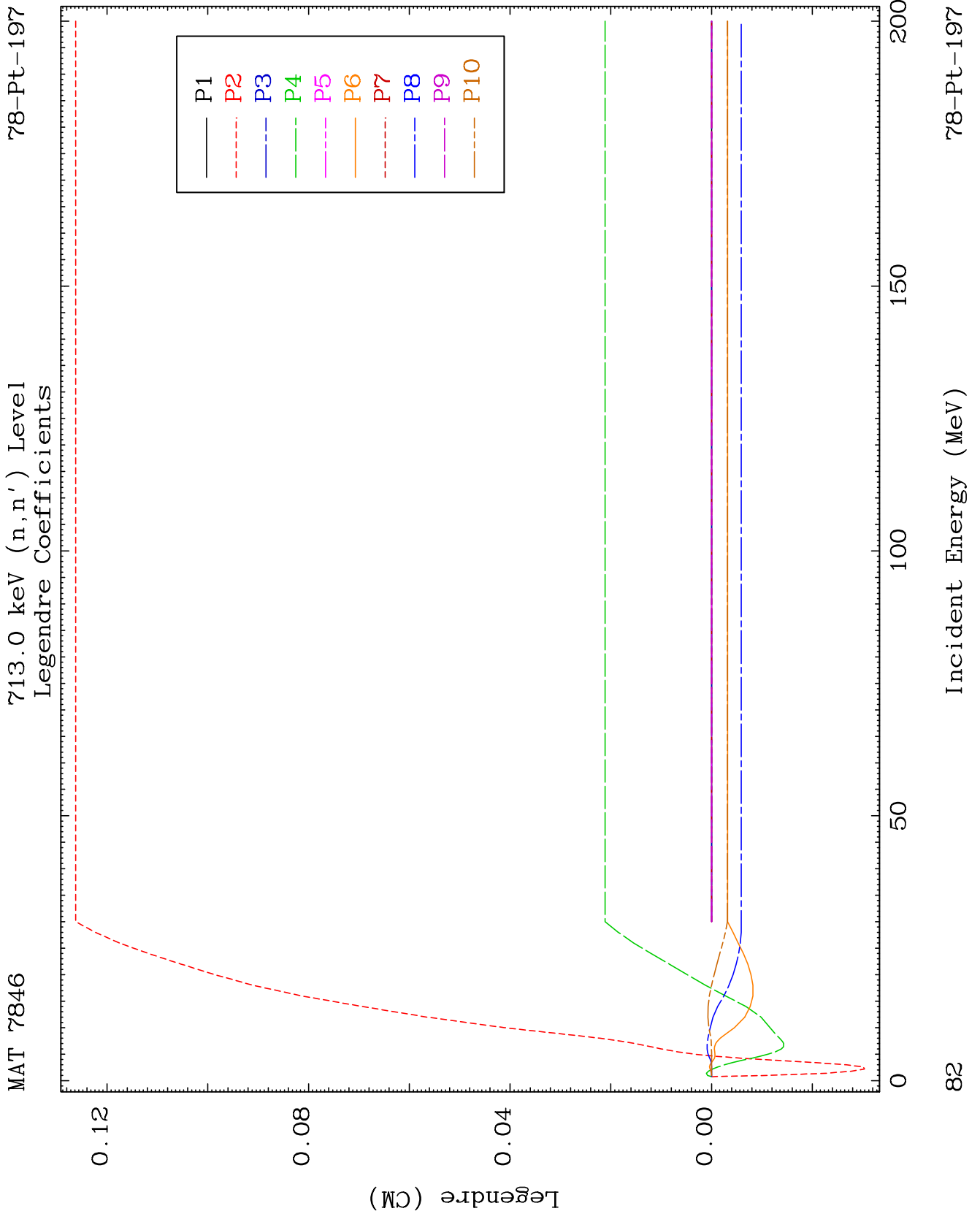
78-Pt-197



81

Incident Energy (MeV)

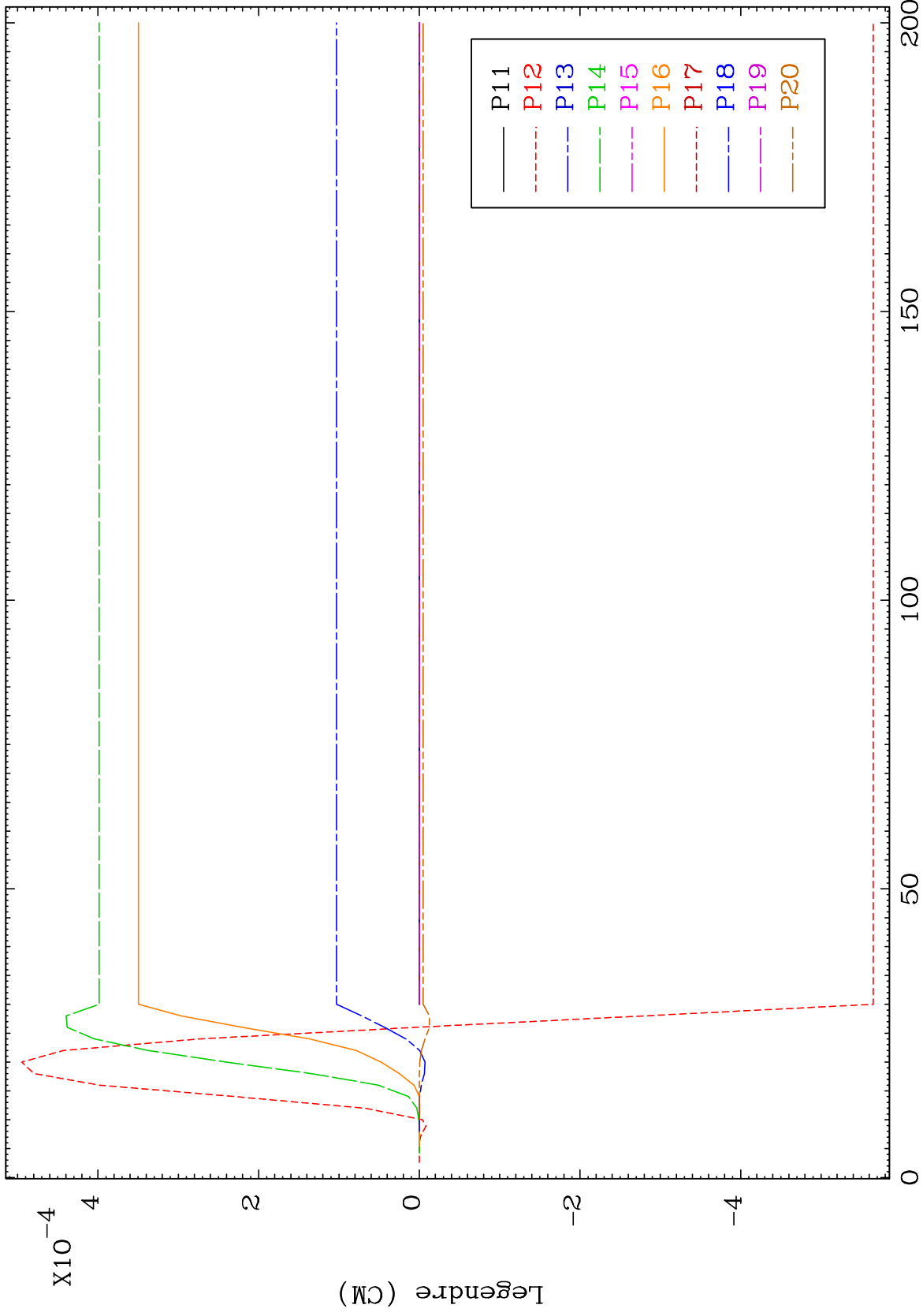
78-Pt-197



MAT 7846

713.0 keV (n,n') Level  
Legendre Coefficients

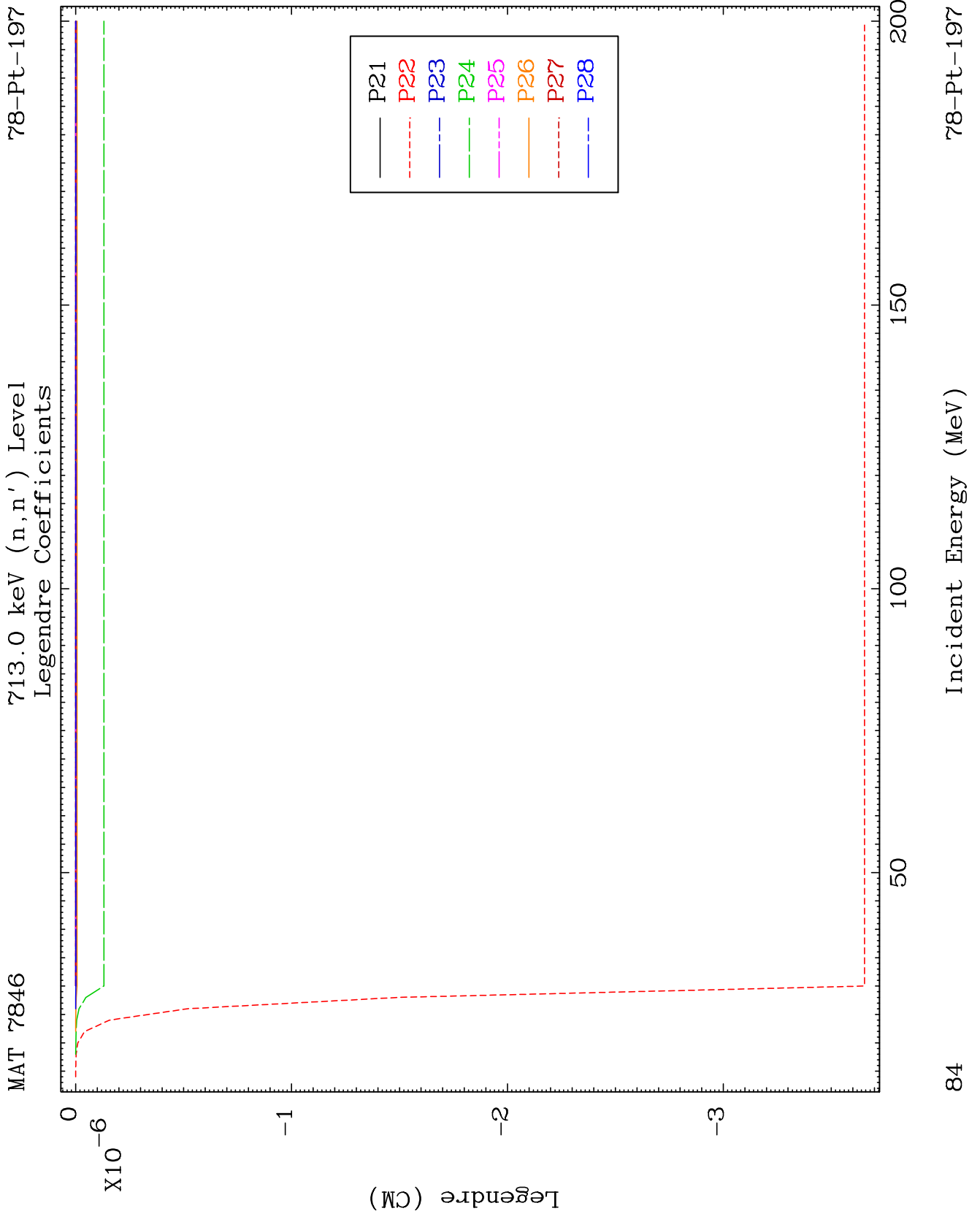
78-Pt-197

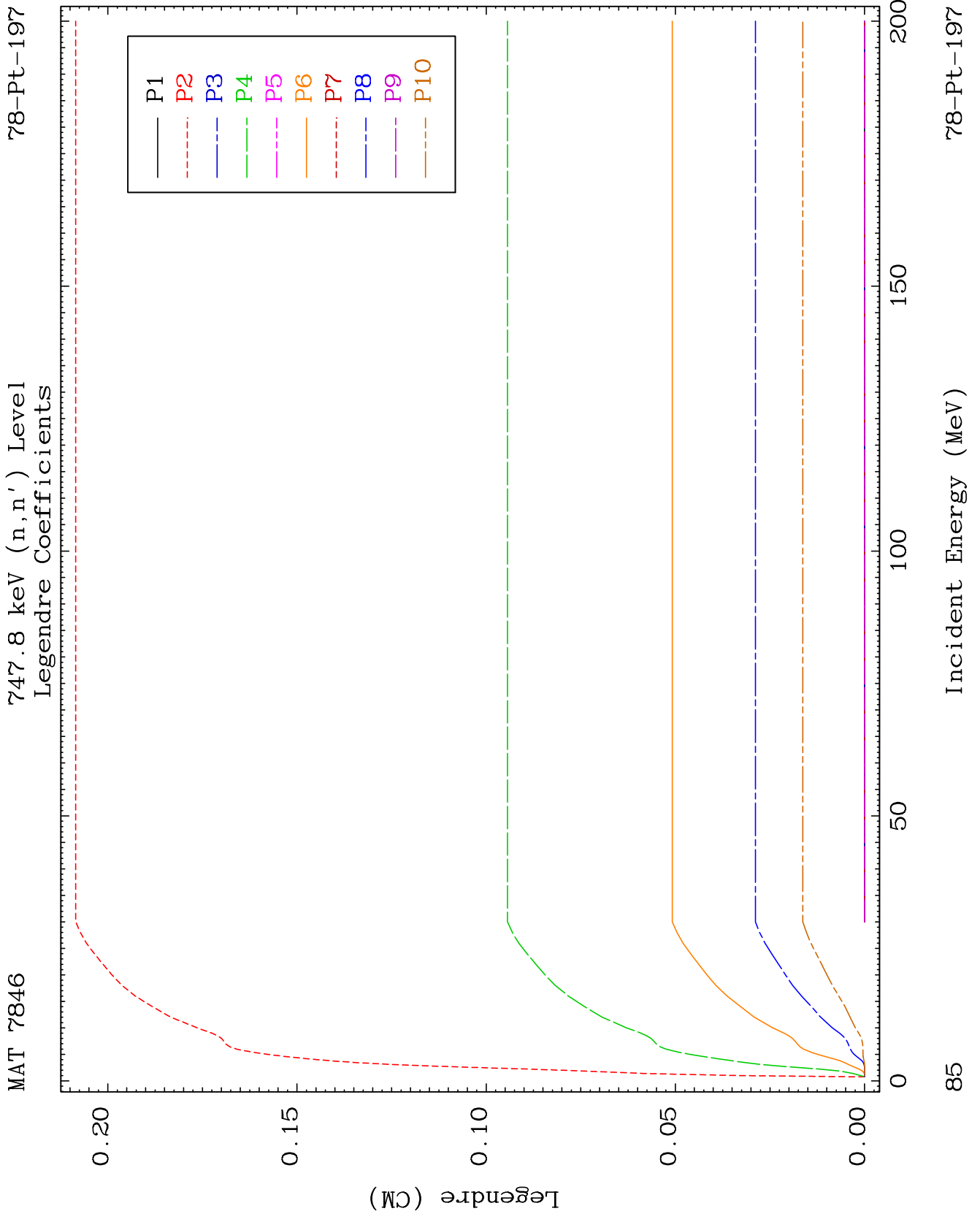


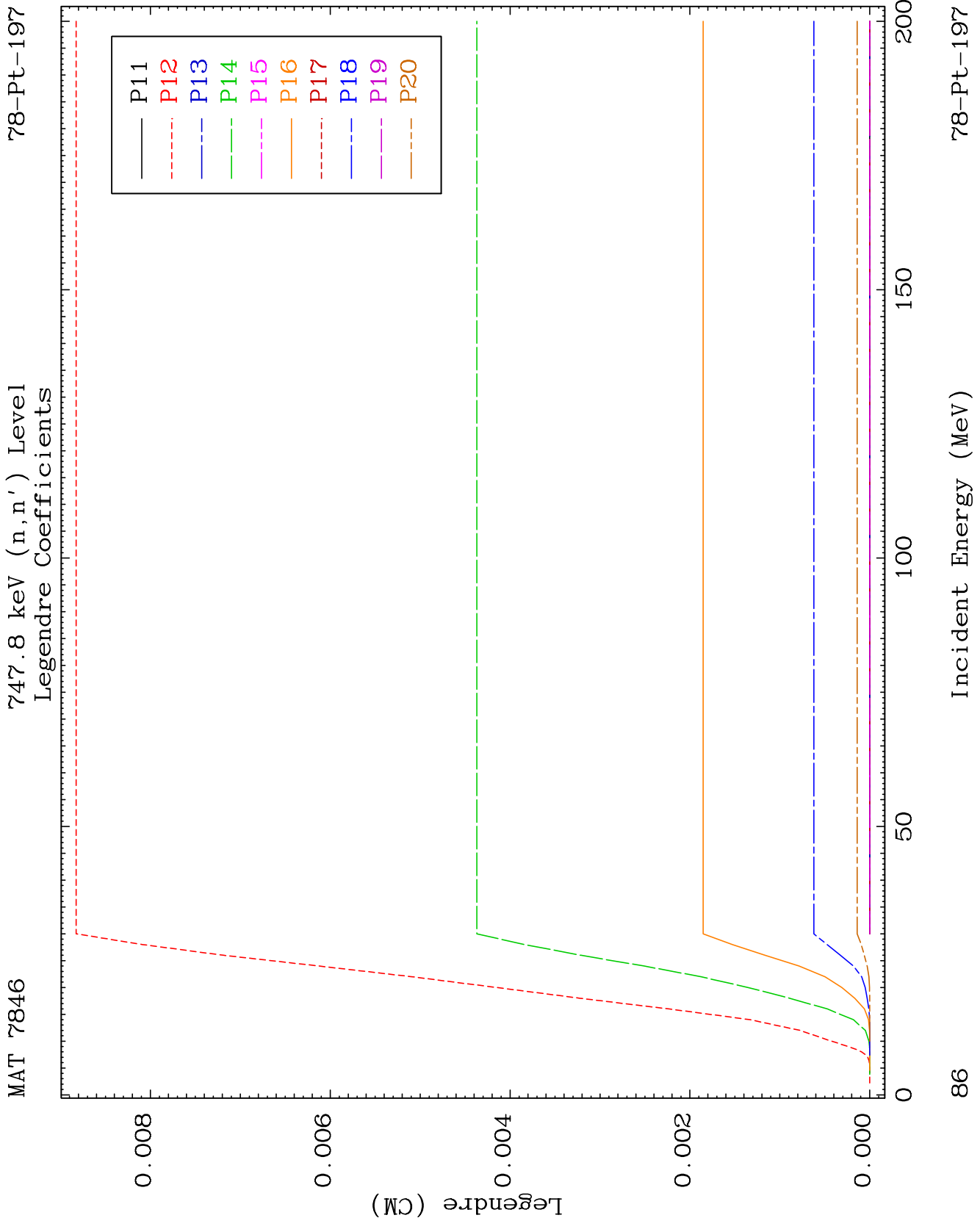
83

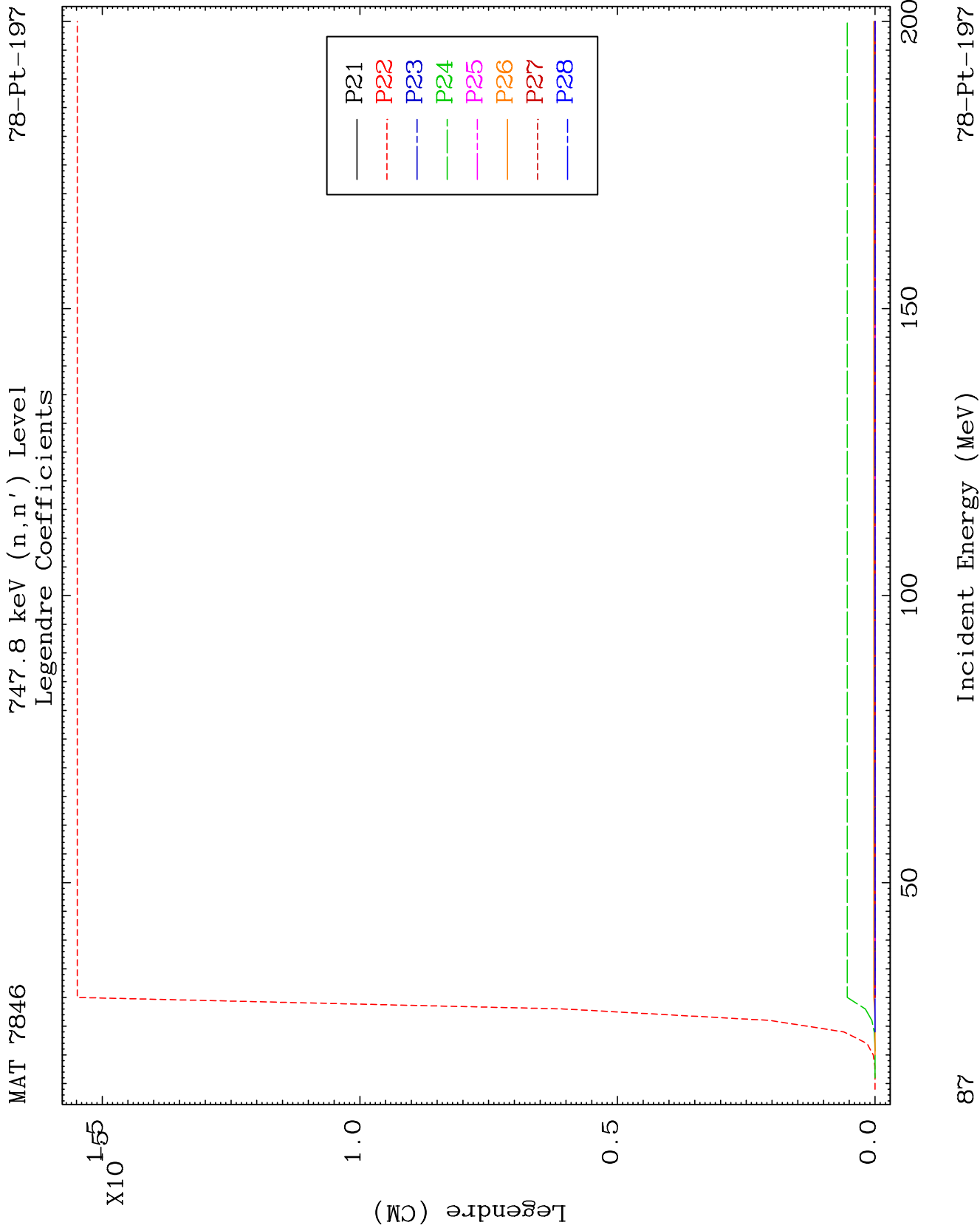
Incident Energy (MeV)

78-Pt-197

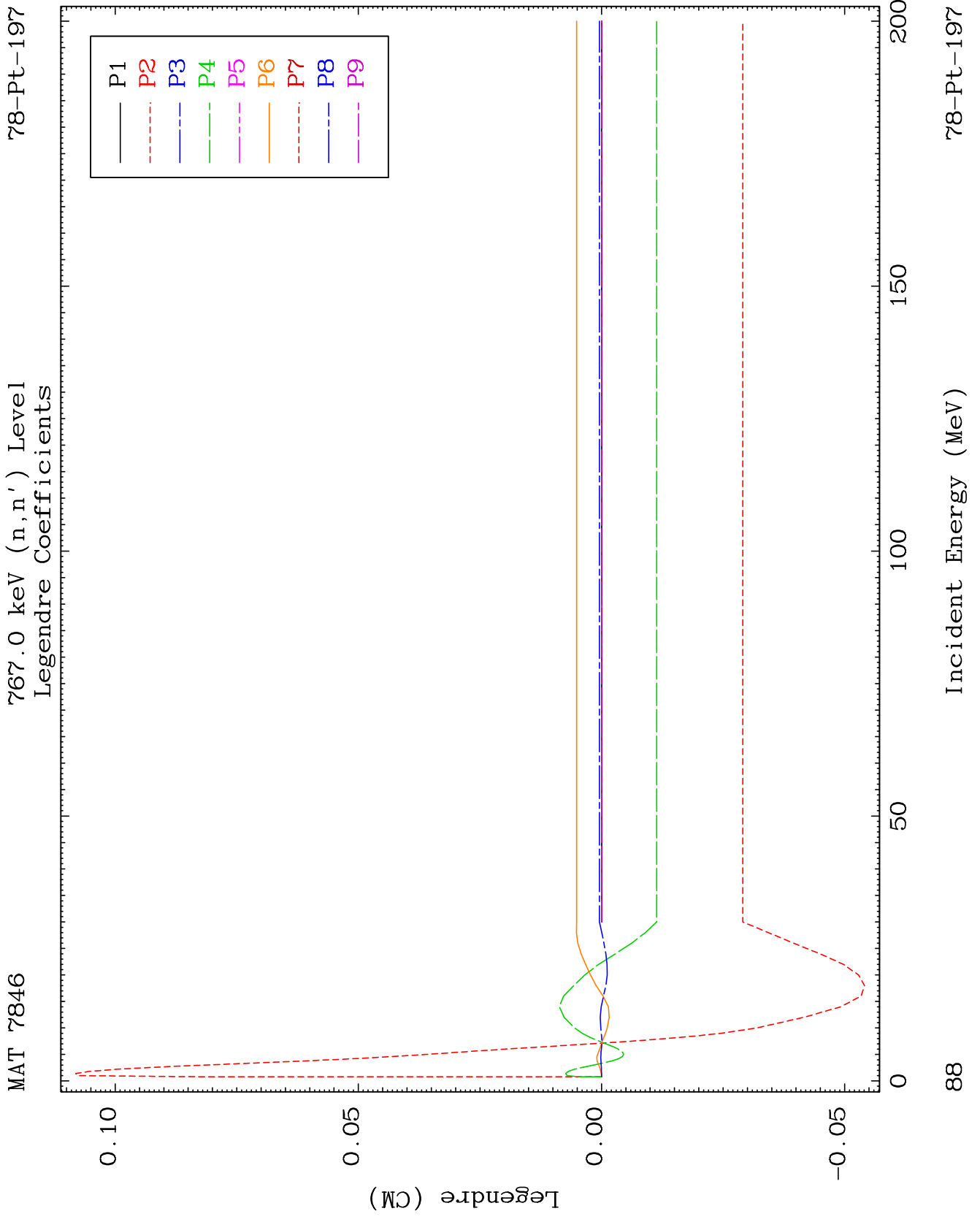








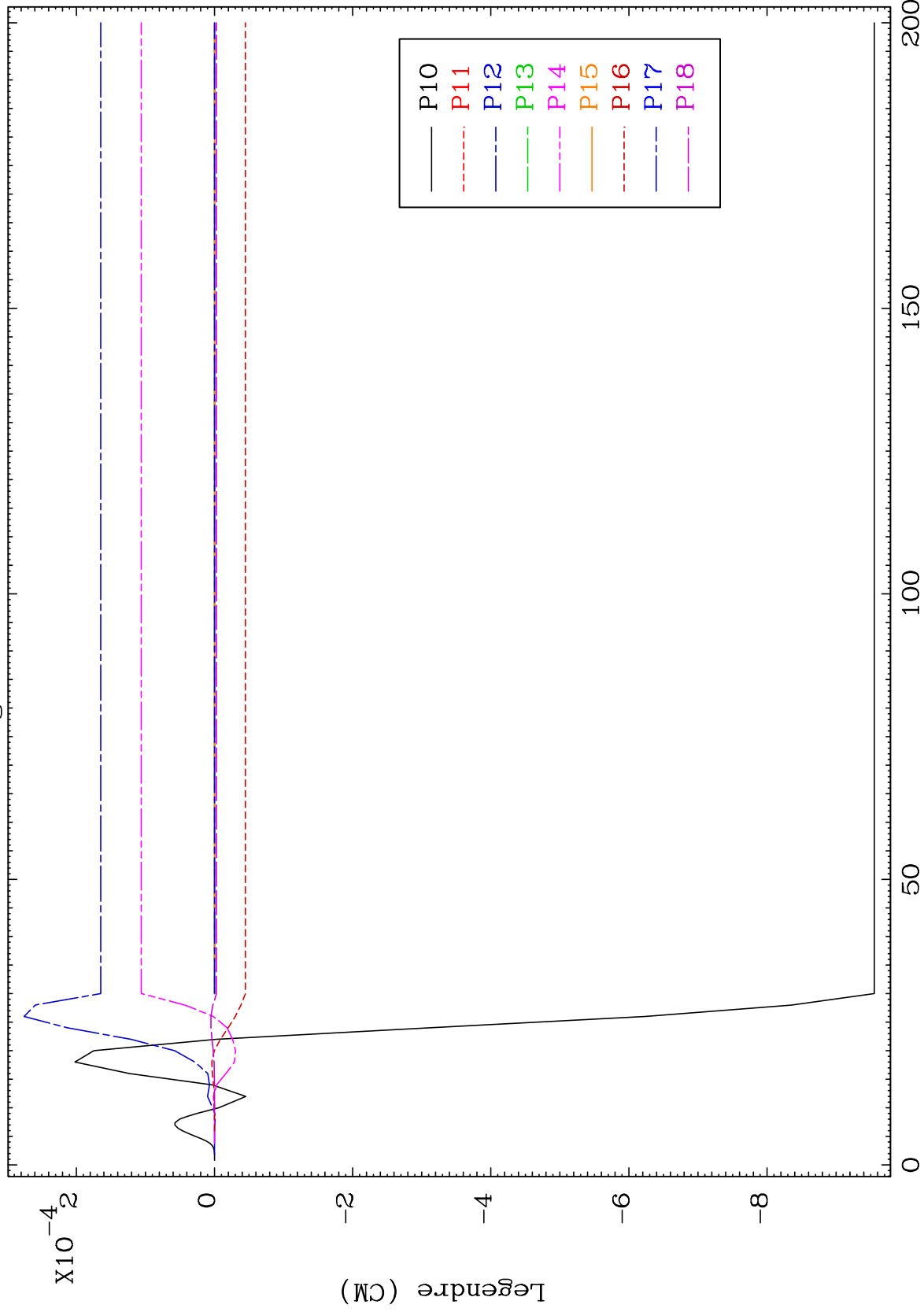




MAT 7846

767.0 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



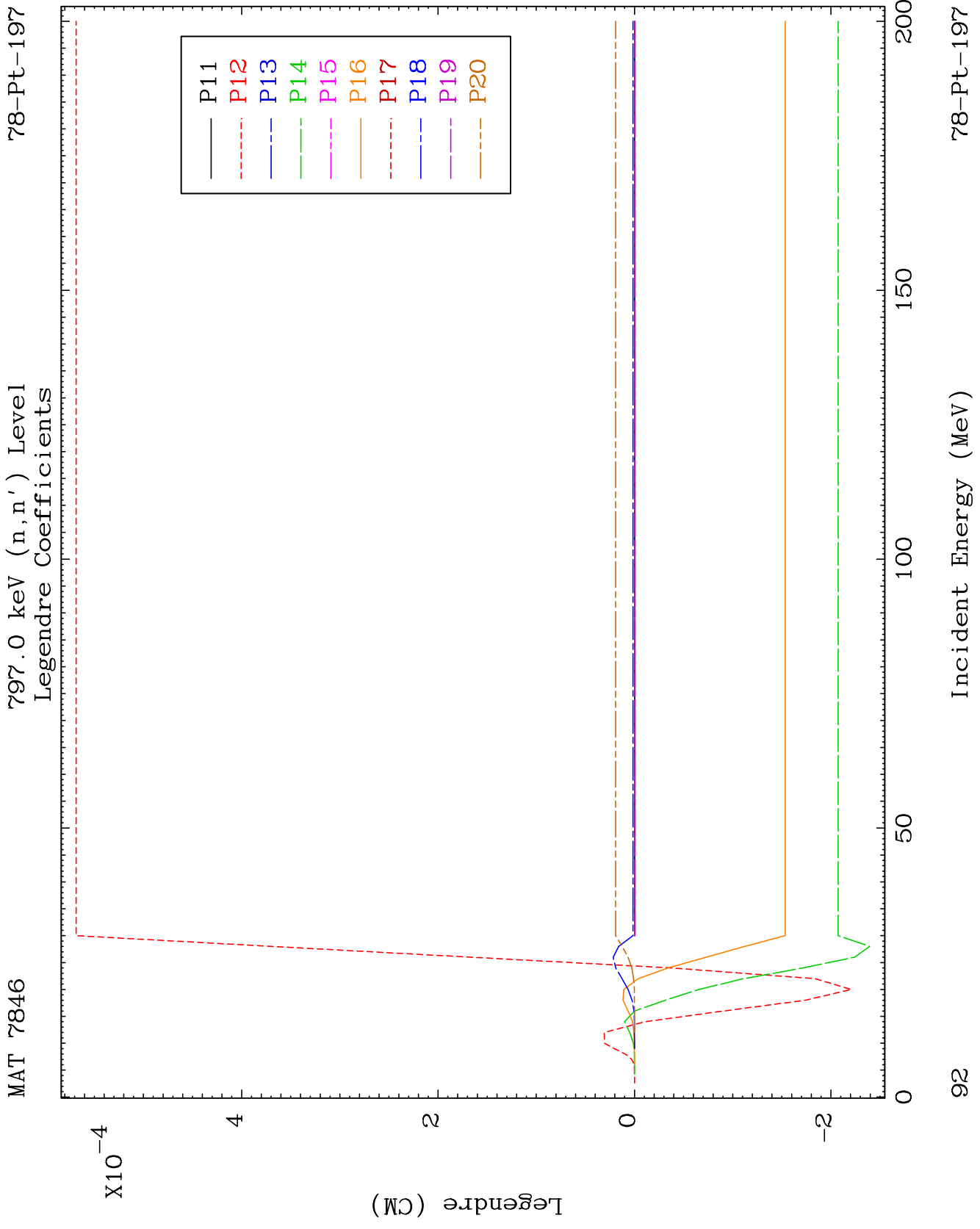
89

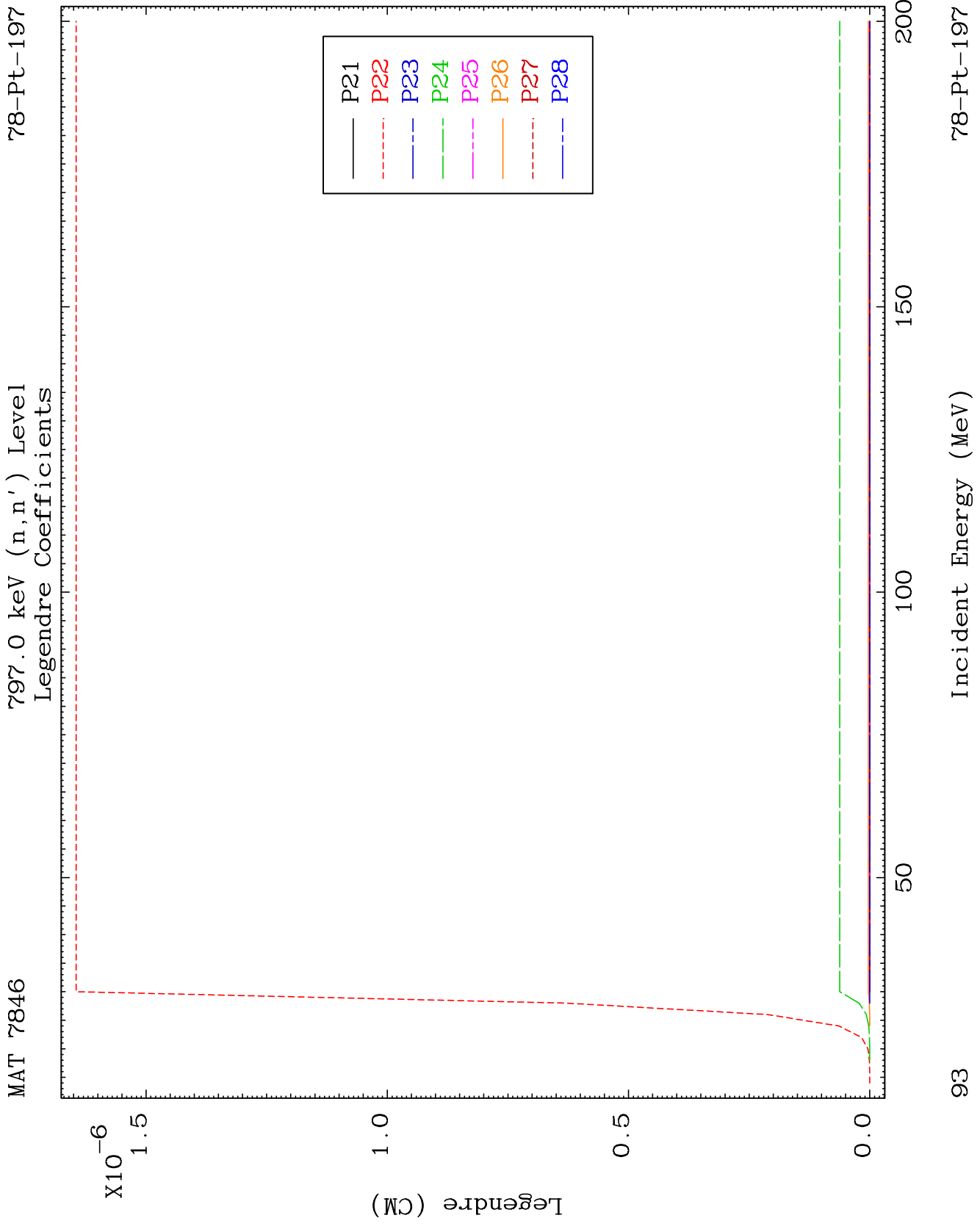
Incident Energy (MeV)

78-Pt-197

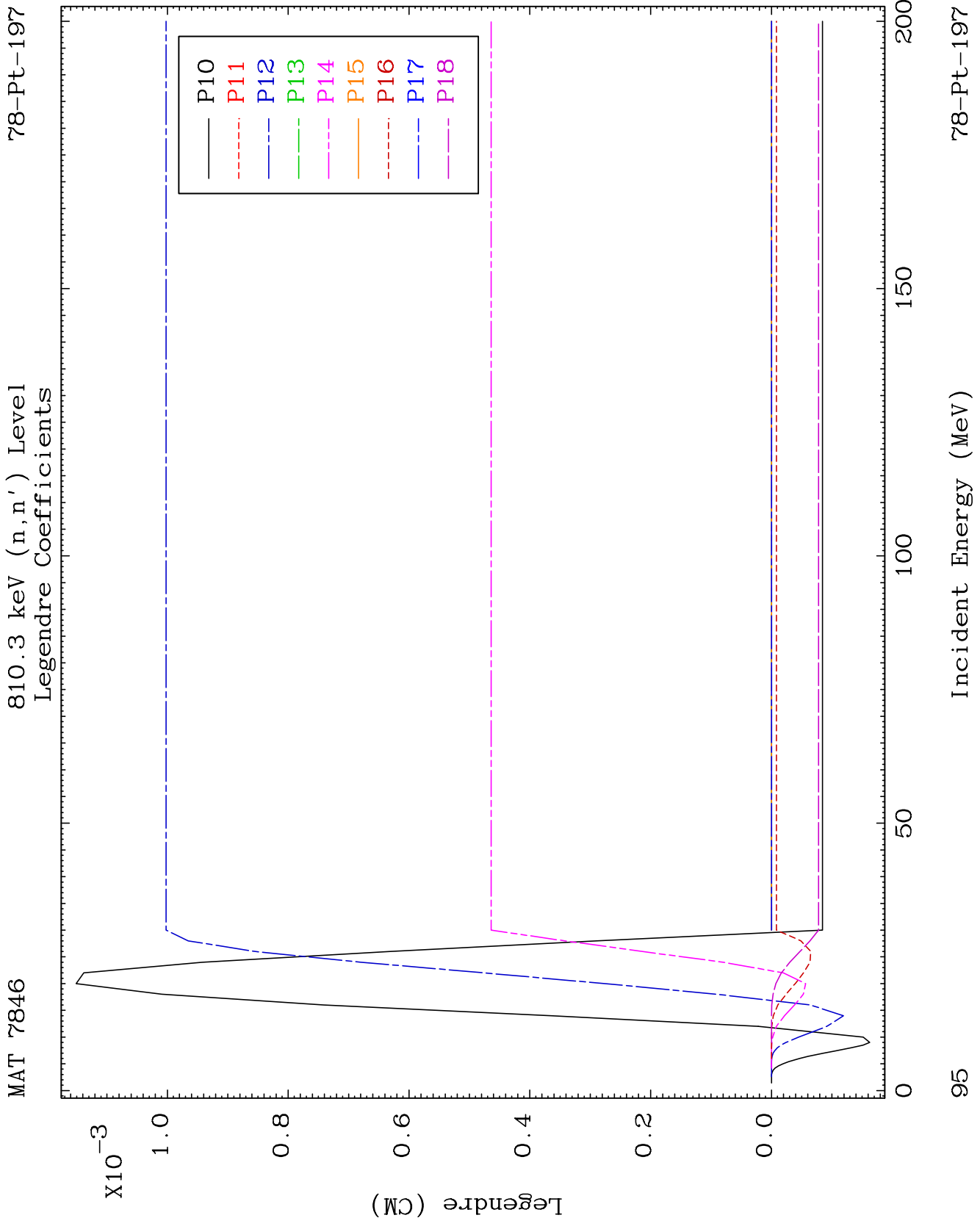




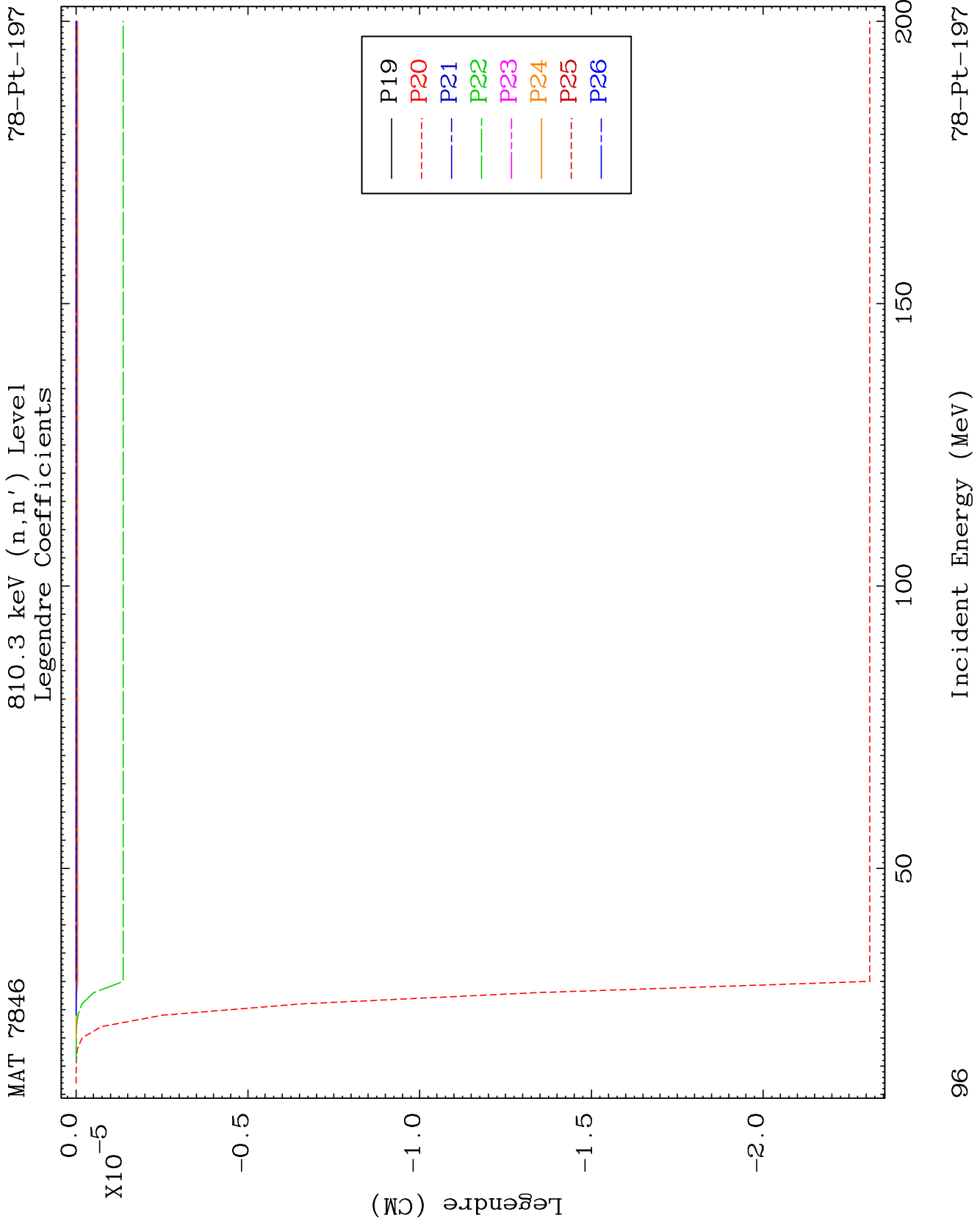










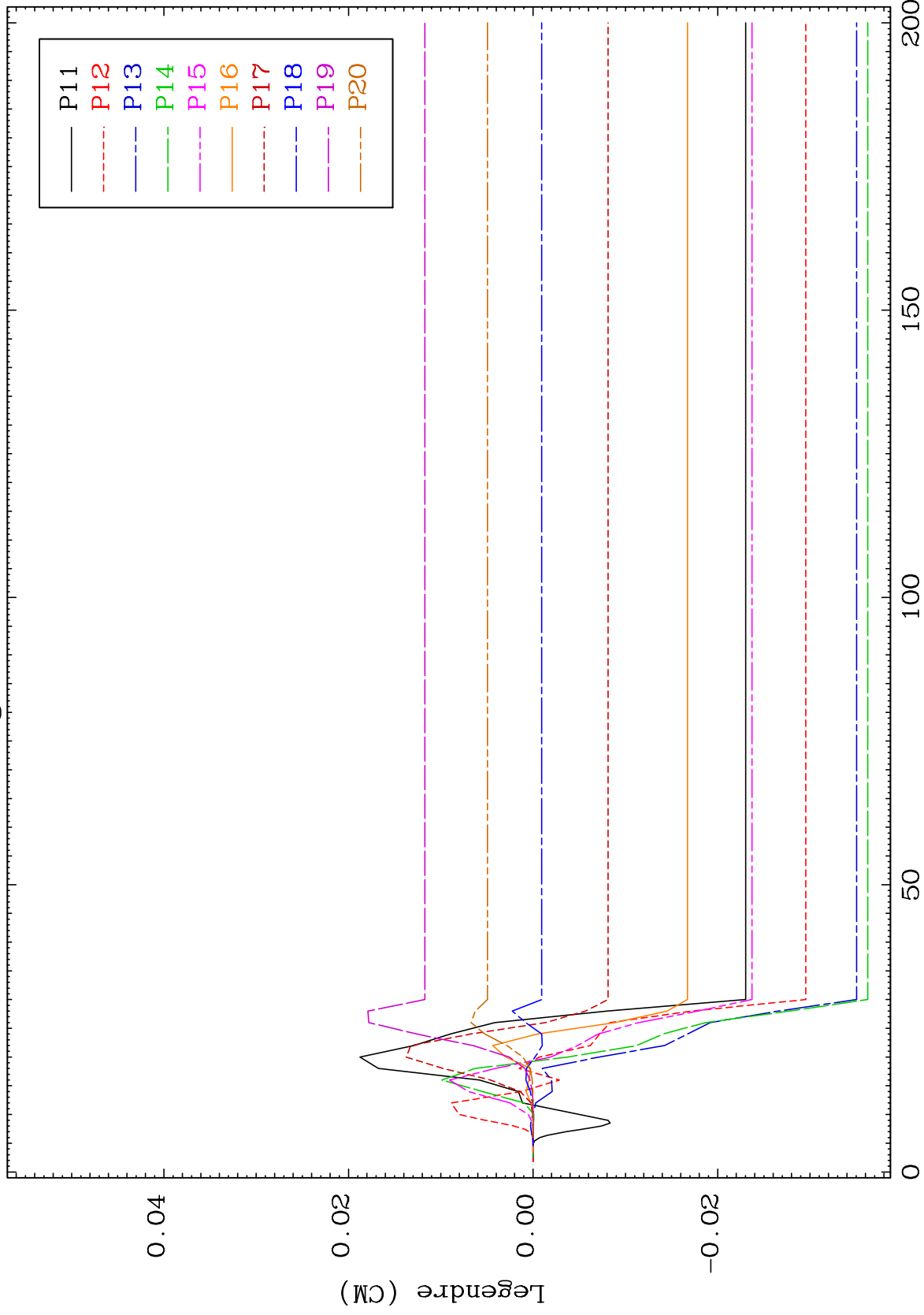




MAT 7846

825.0 keV (n,n') Level  
Legendre Coefficients

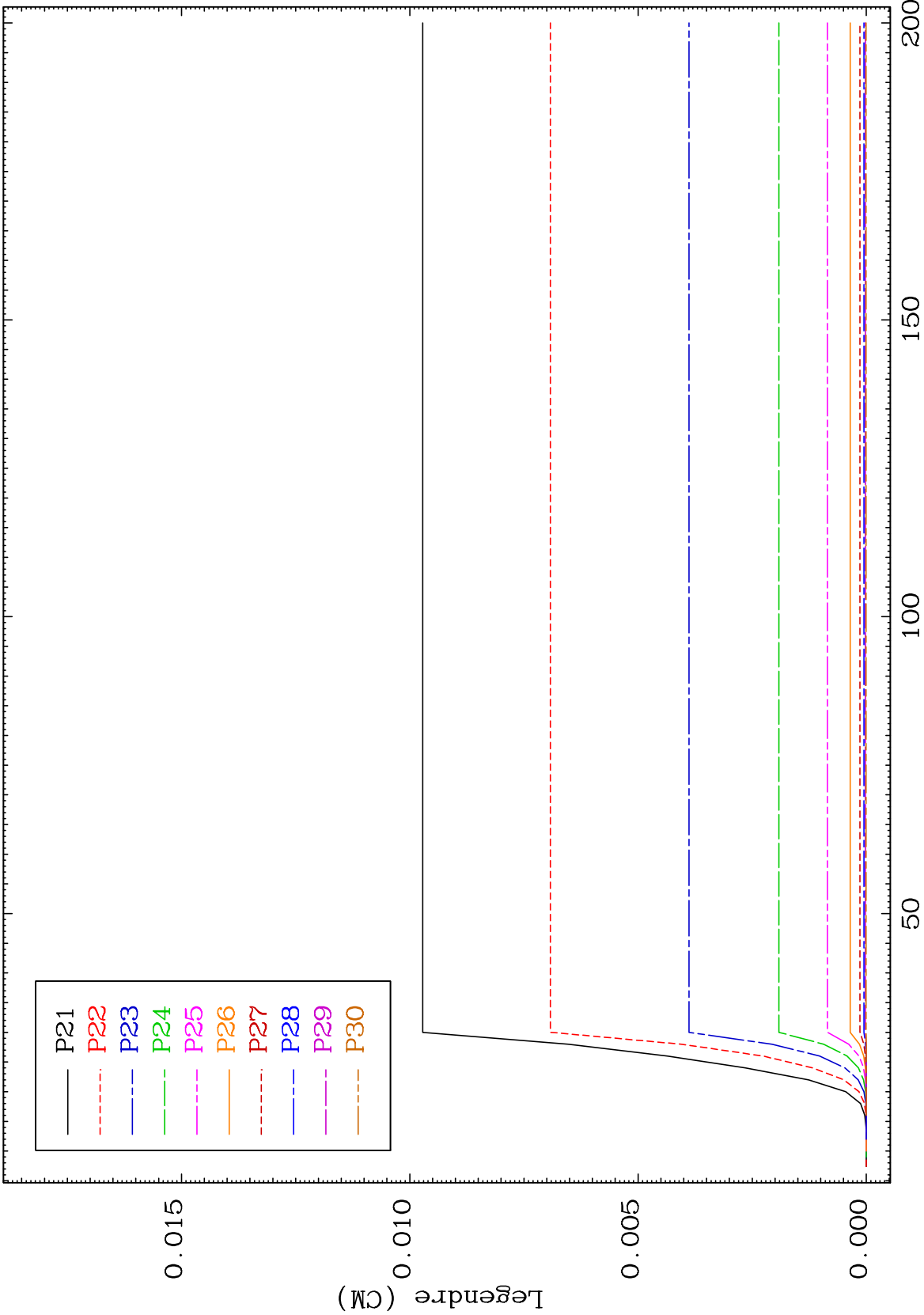
78-Pt-197

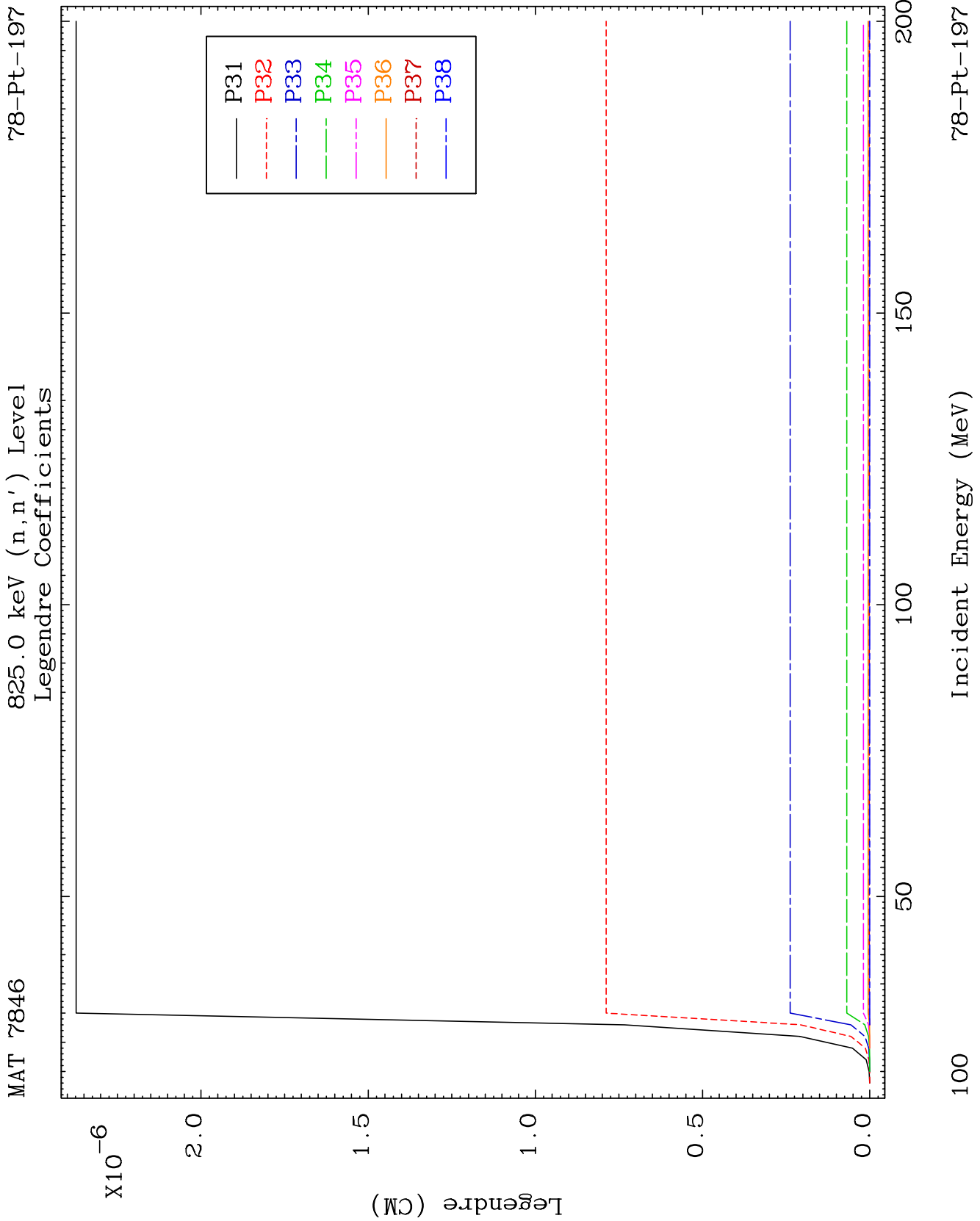


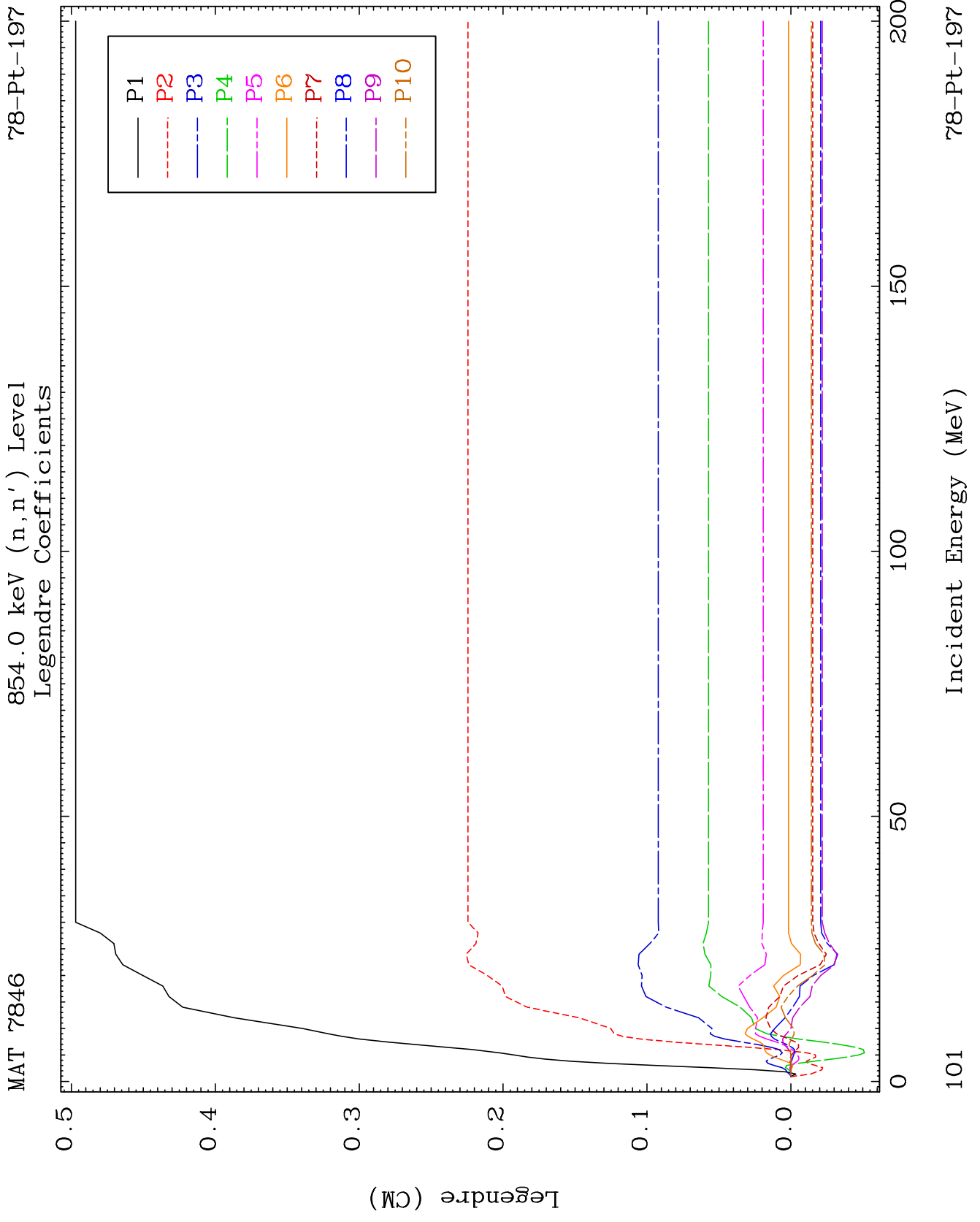
98

Incident Energy (MeV)

78-Pt-197



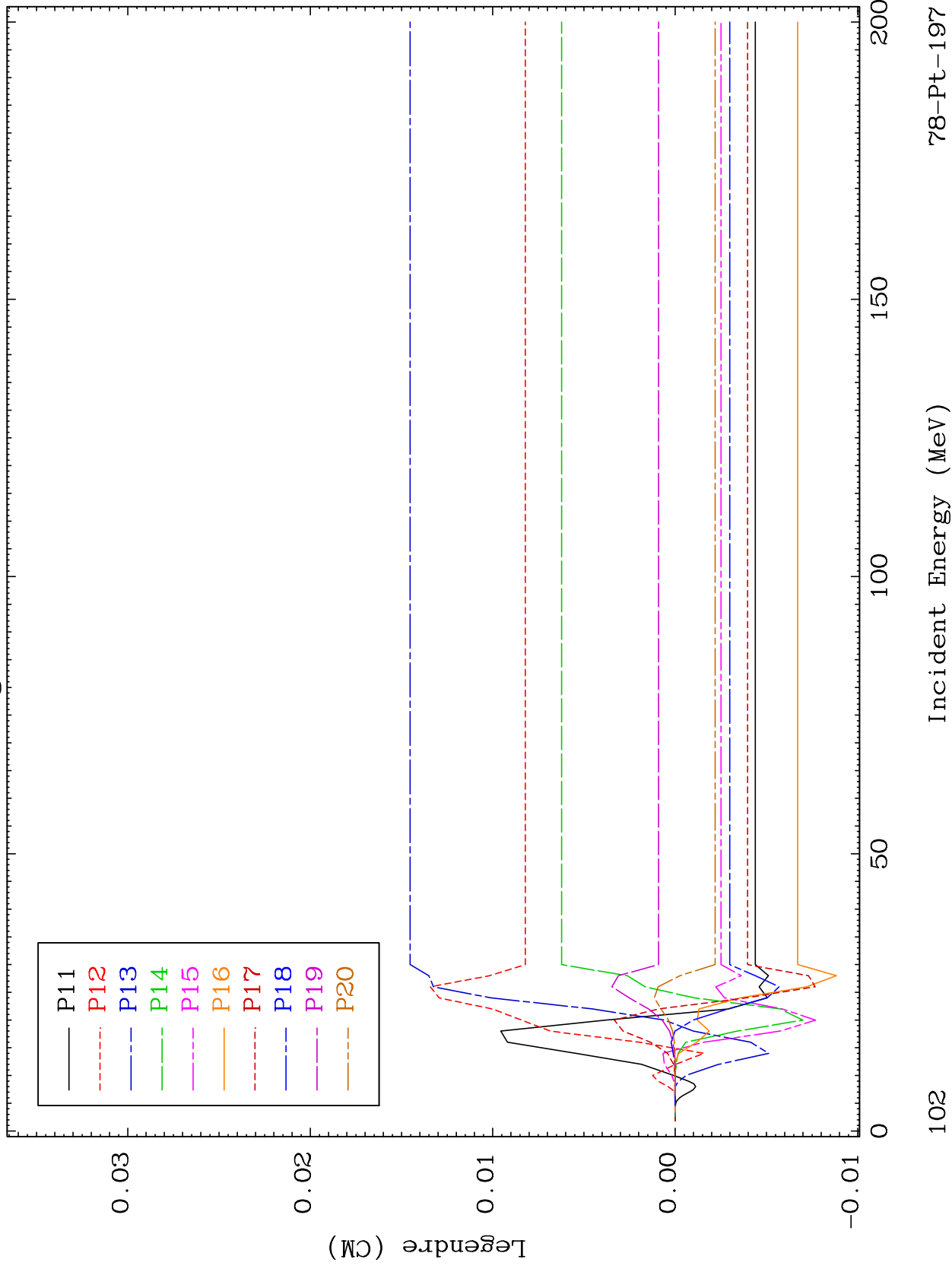




MAT 7846

854.0 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



78-Pt-197

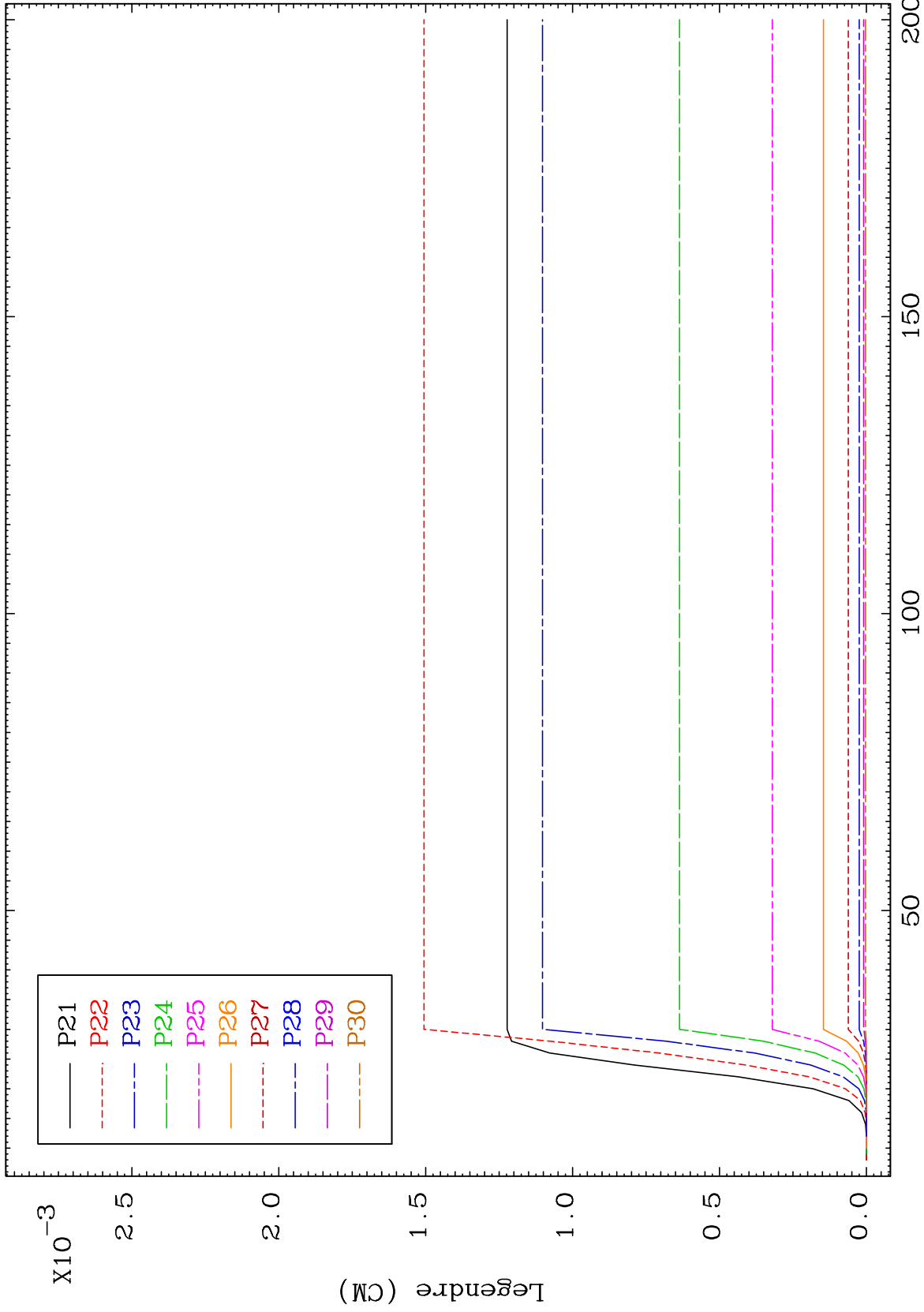
Incident Energy (MeV)

102

MAT 7846

854.0 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



103

Incident Energy (MeV)

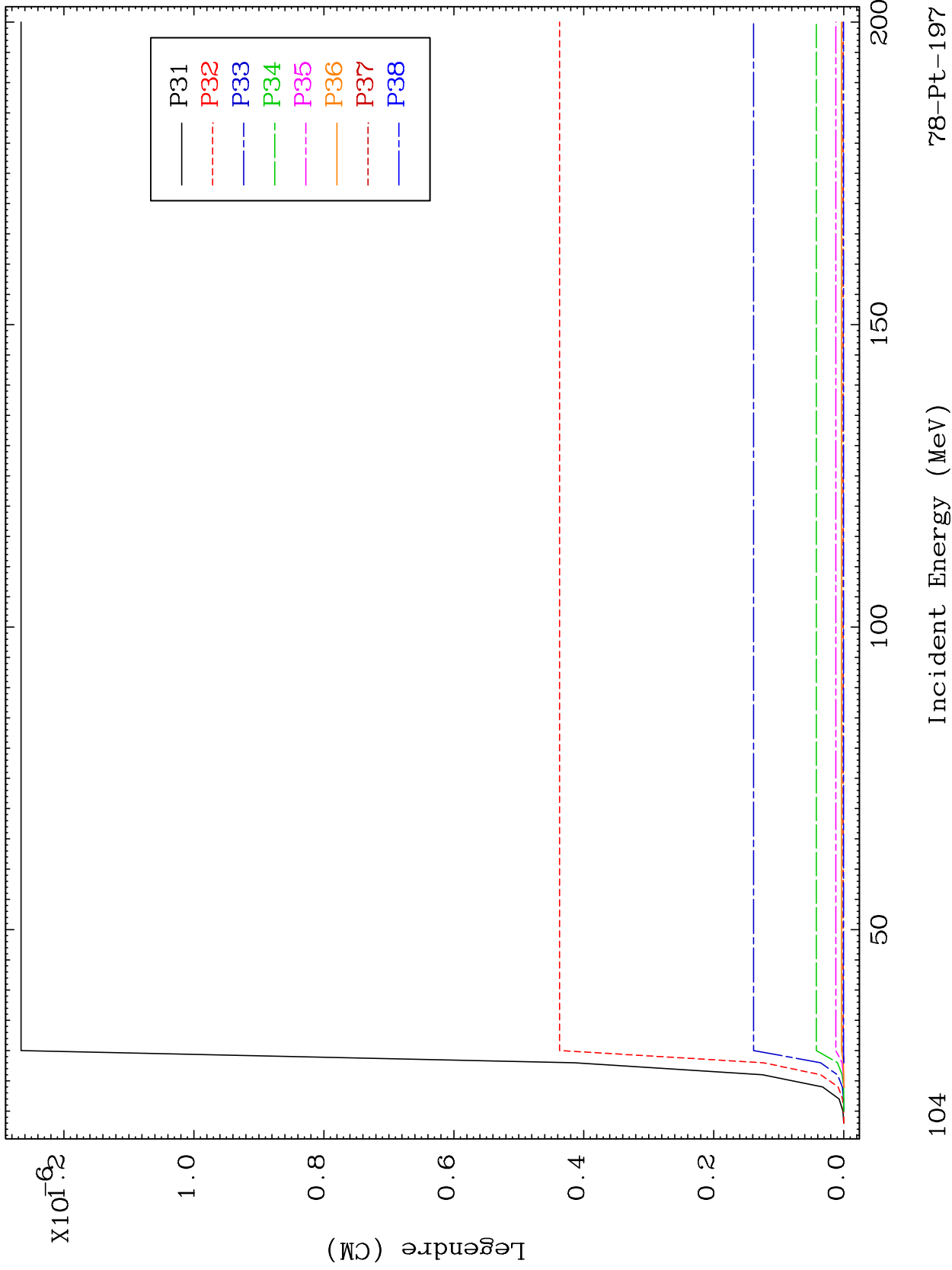
78-Pt-197



MAT 7846

854.0 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



104

Incident Energy (MeV)

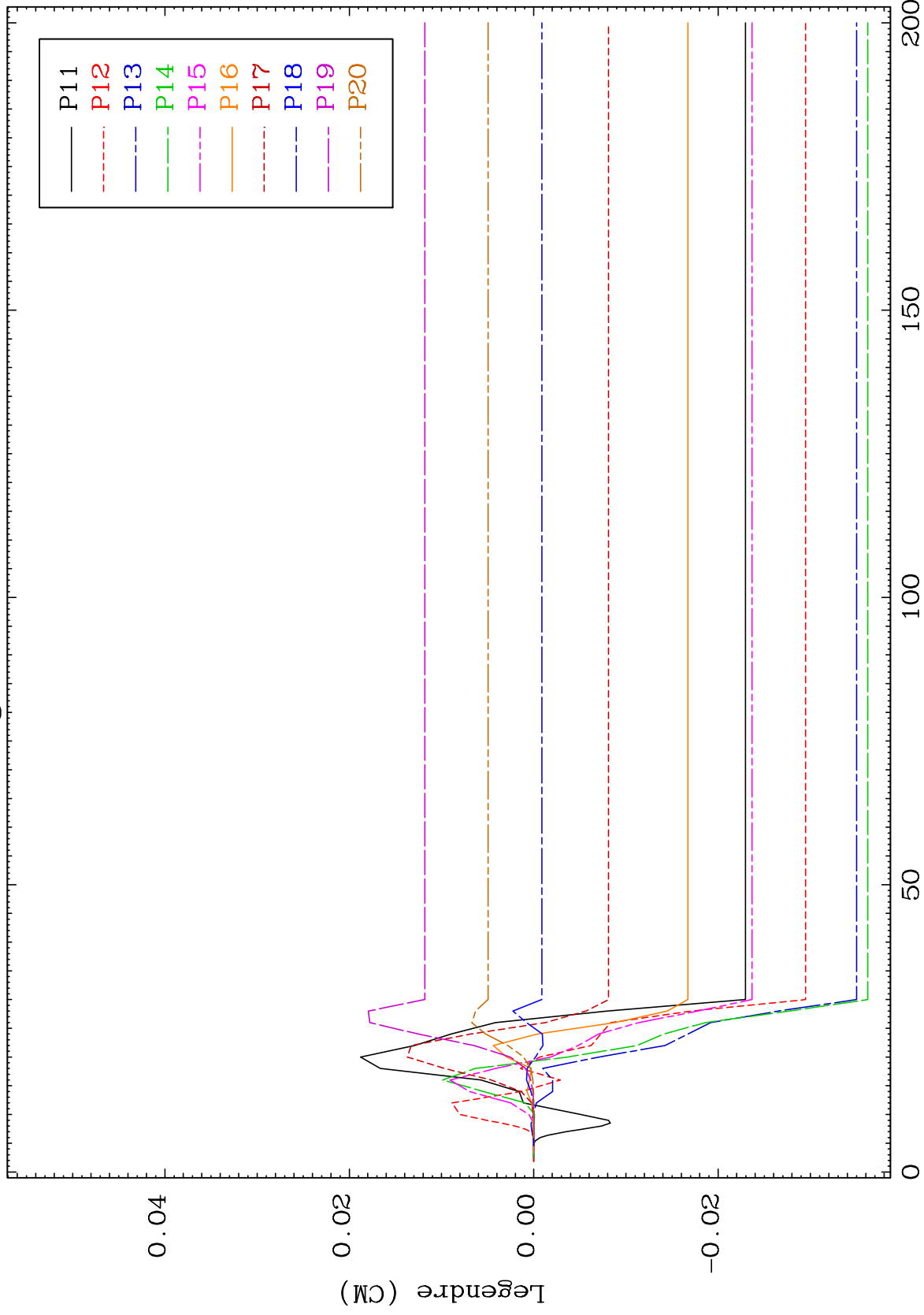
78-Pt-197



MAT 7846

859.0 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



106

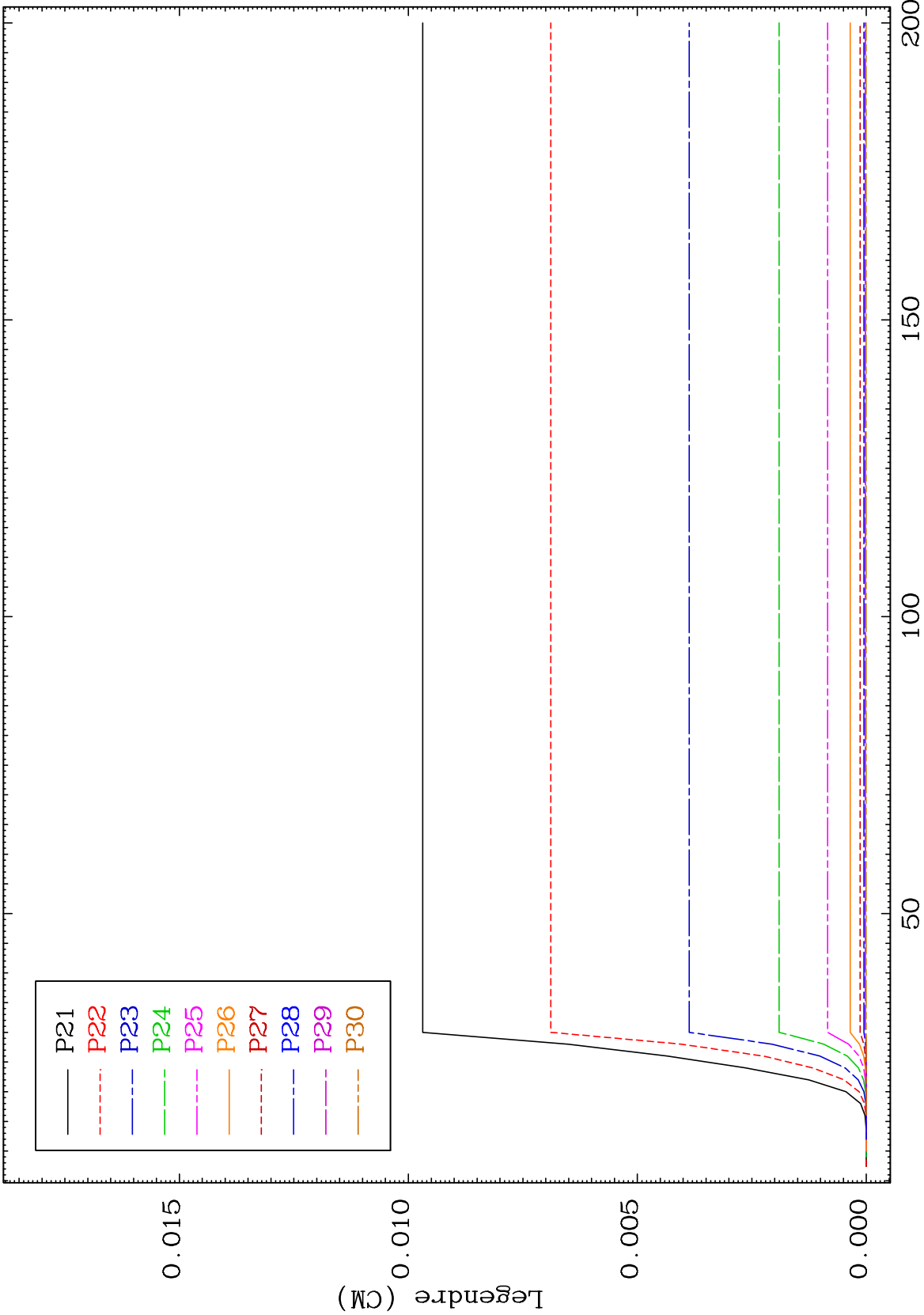
Incident Energy (MeV)

78-Pt-197

MAT 7846

859.0 keV (n,n') Level  
Legendre Coefficients

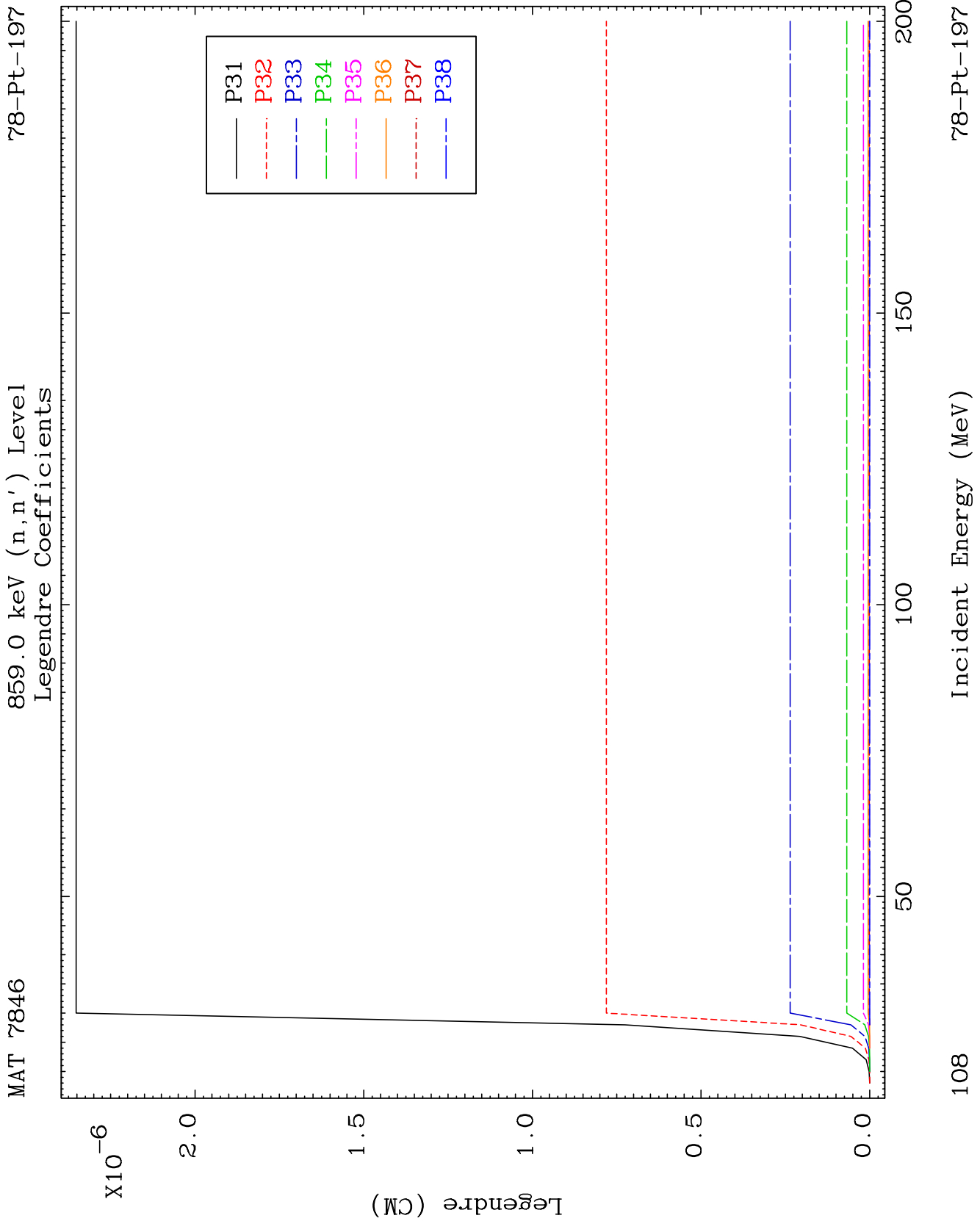
78-Pt-197



107

Incident Energy (MeV)

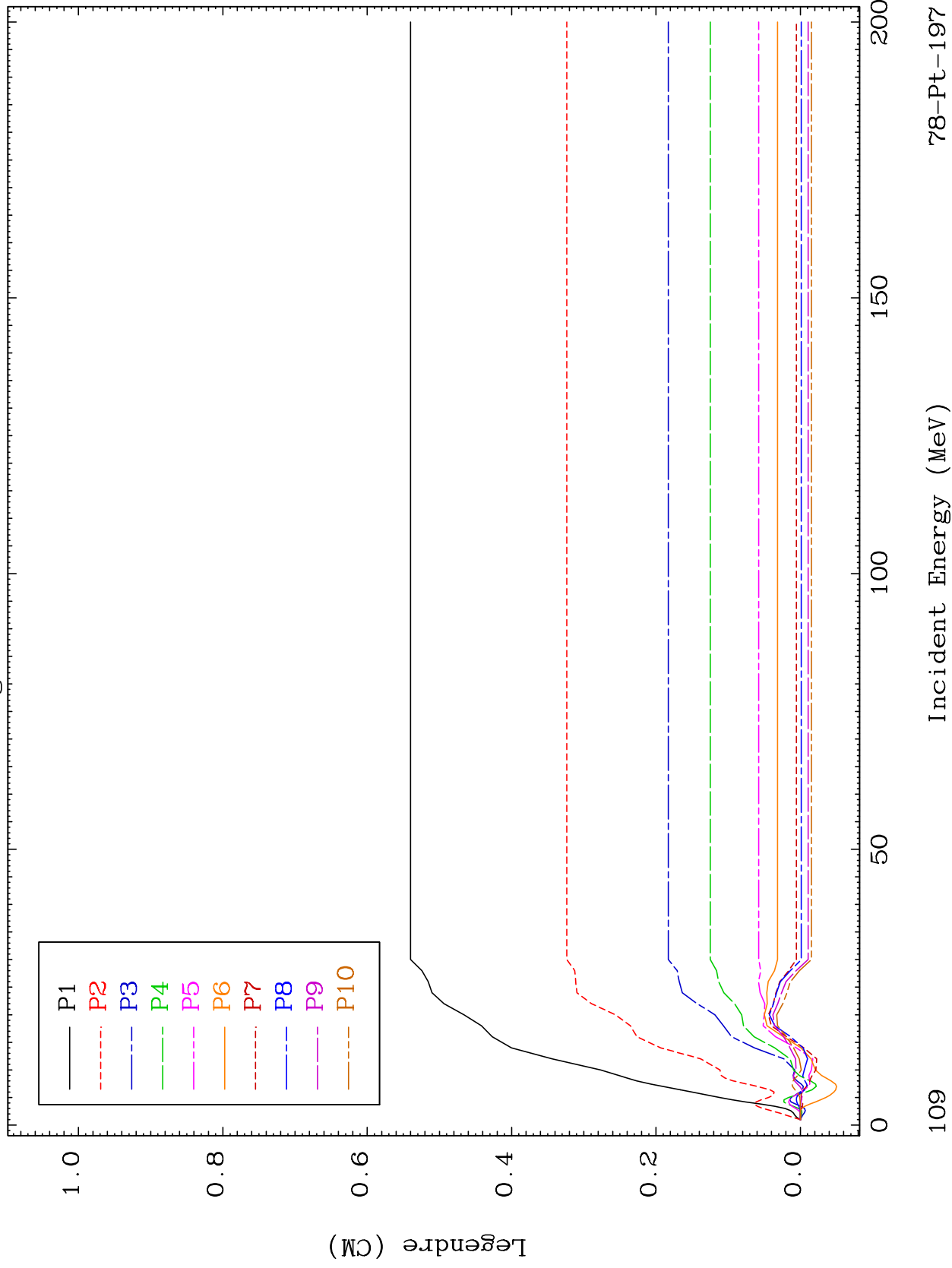
78-Pt-197



MAT 7846

894.8 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



78-Pt-197

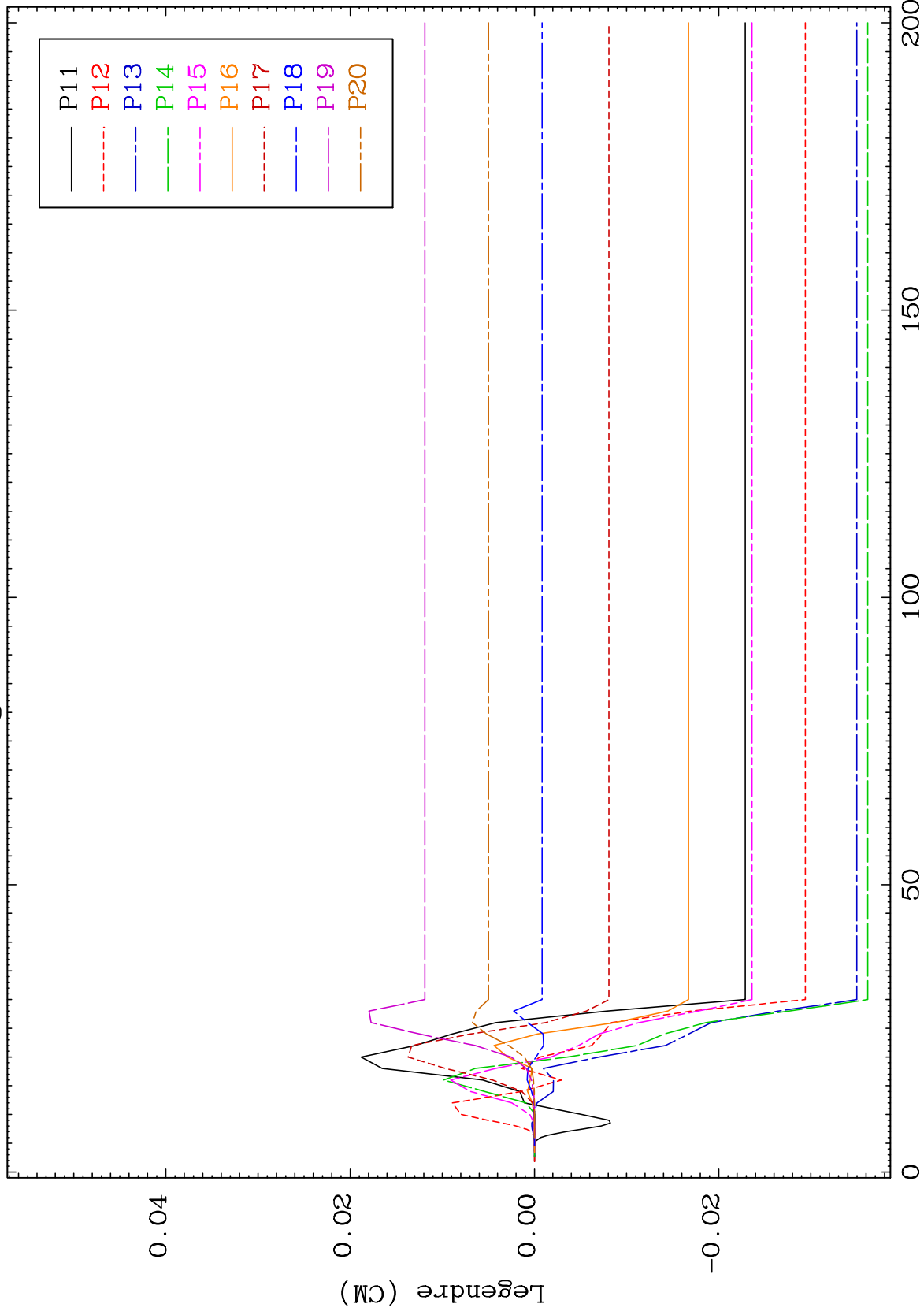
Incident Energy (MeV)

109

MAT 7846

894.8 keV (n,n') Level  
Legendre Coefficients

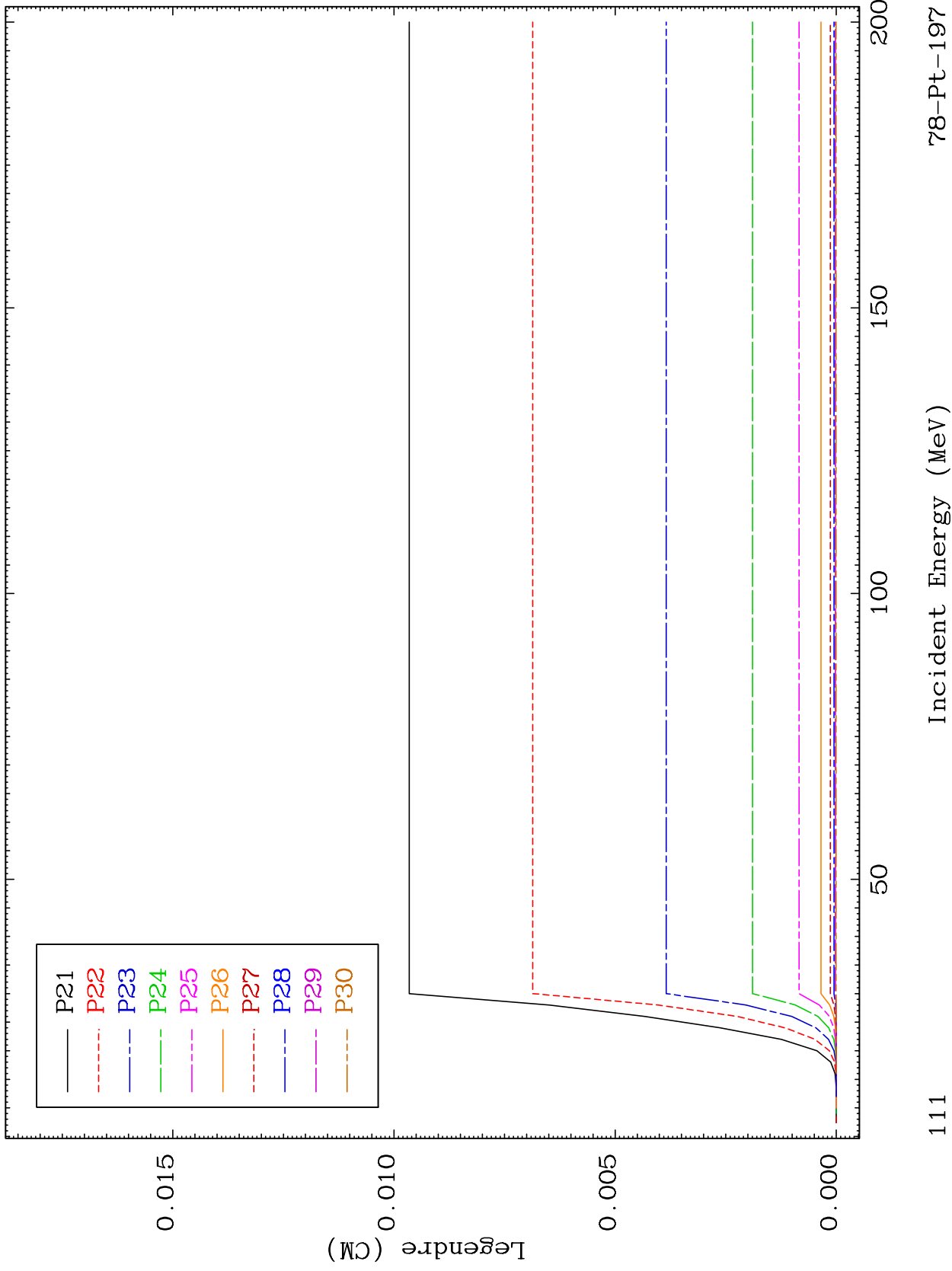
78-Pt-197



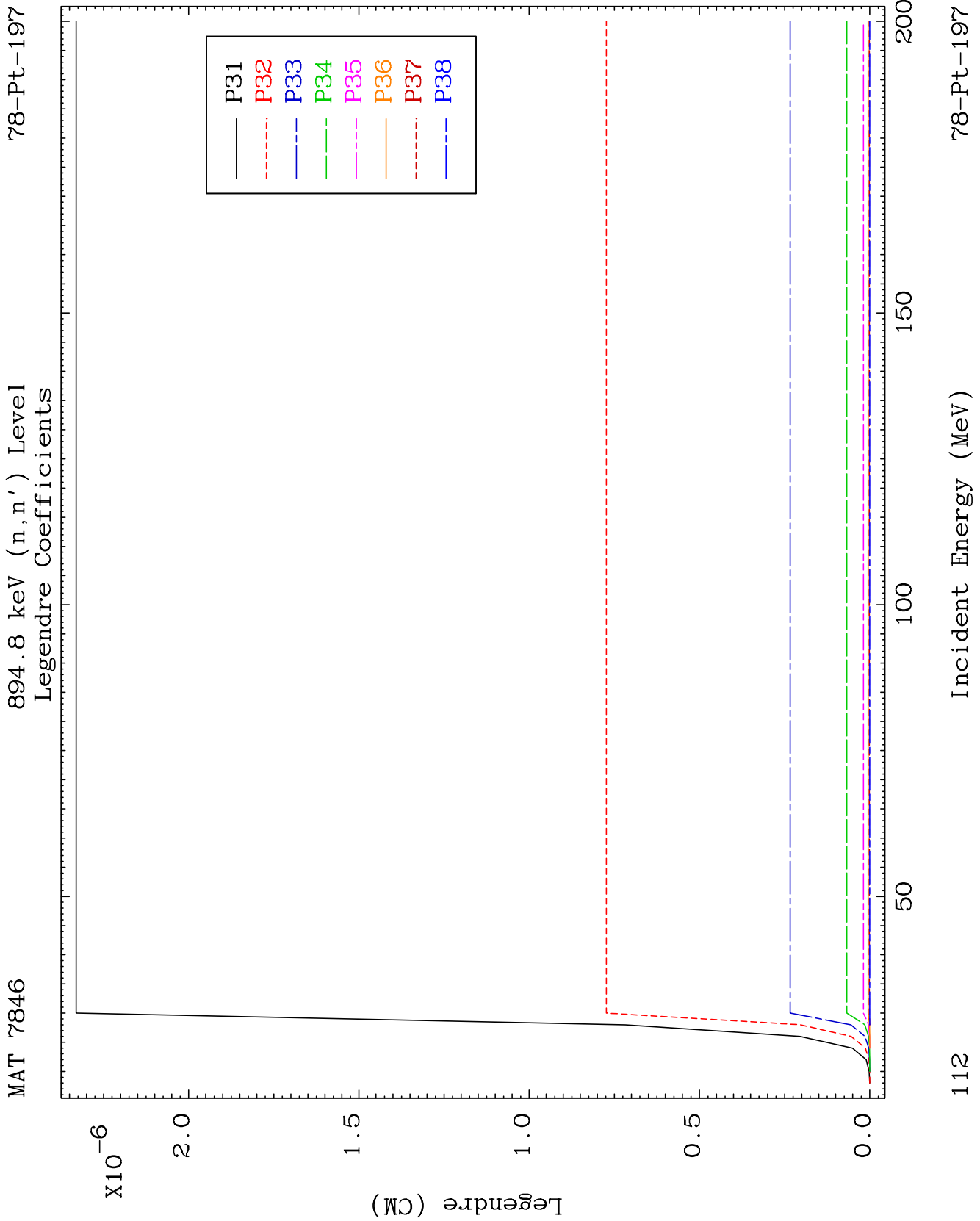
110

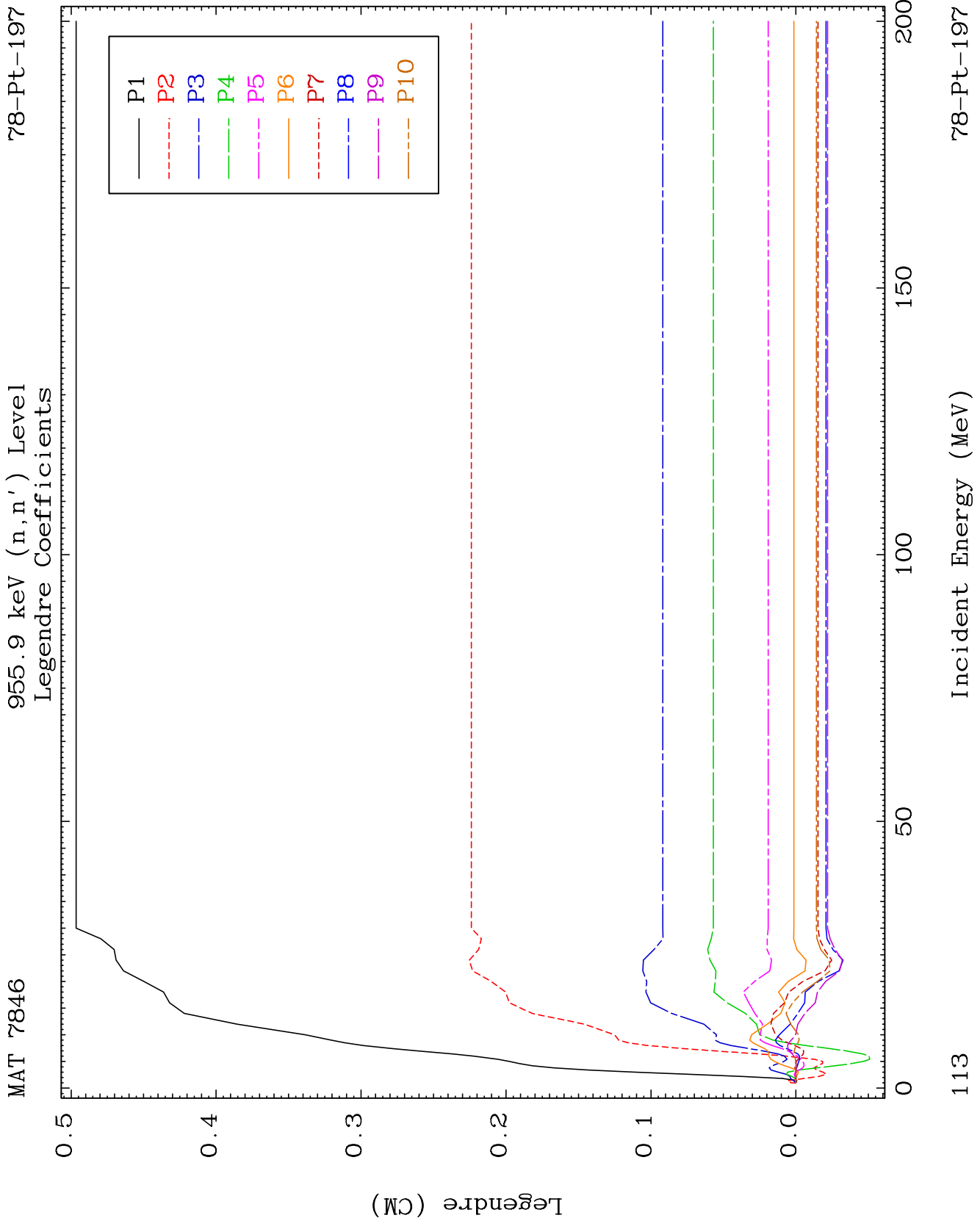
Incident Energy (MeV)

78-Pt-197





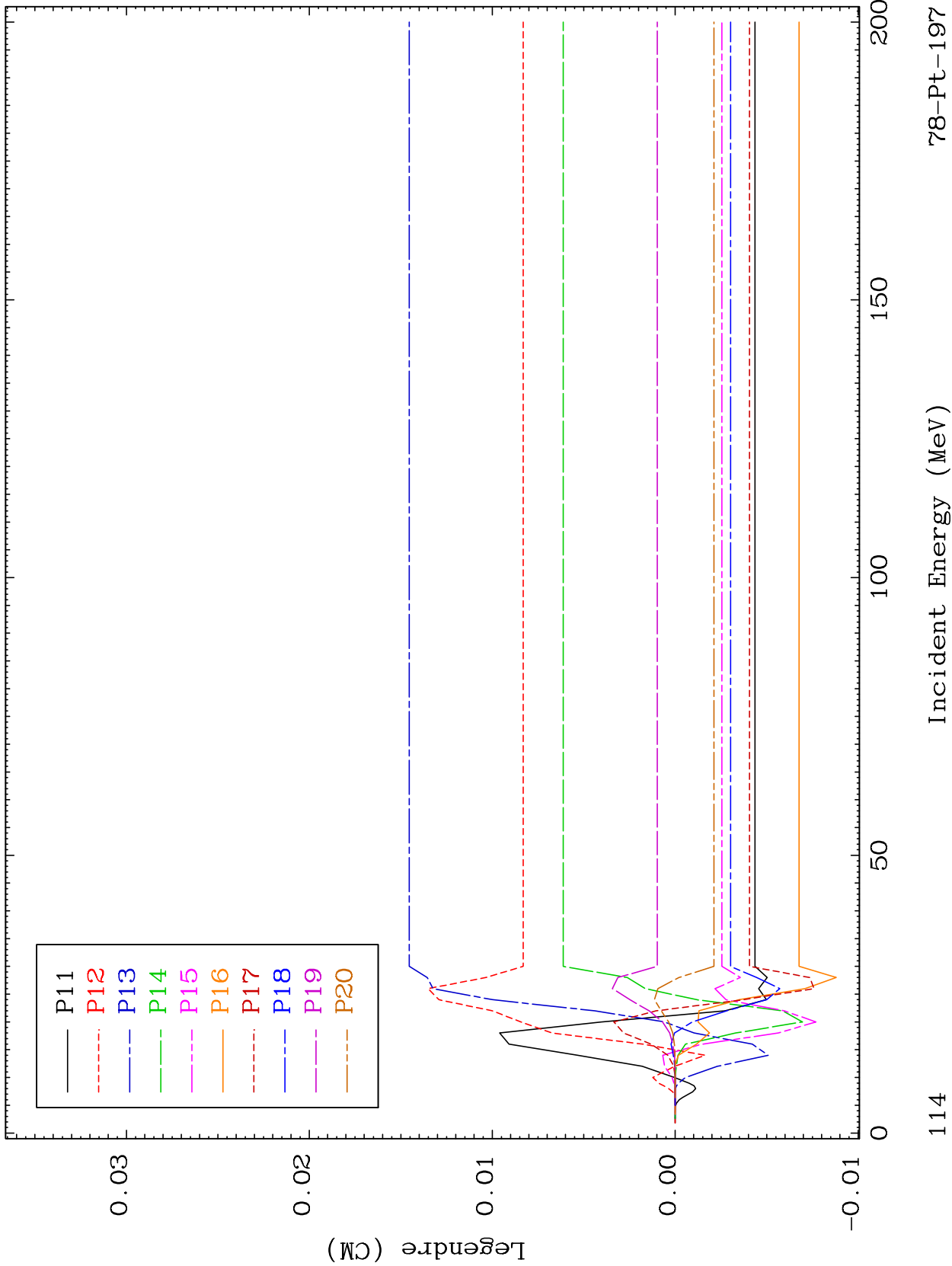




MAT 7846

955.9 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



114

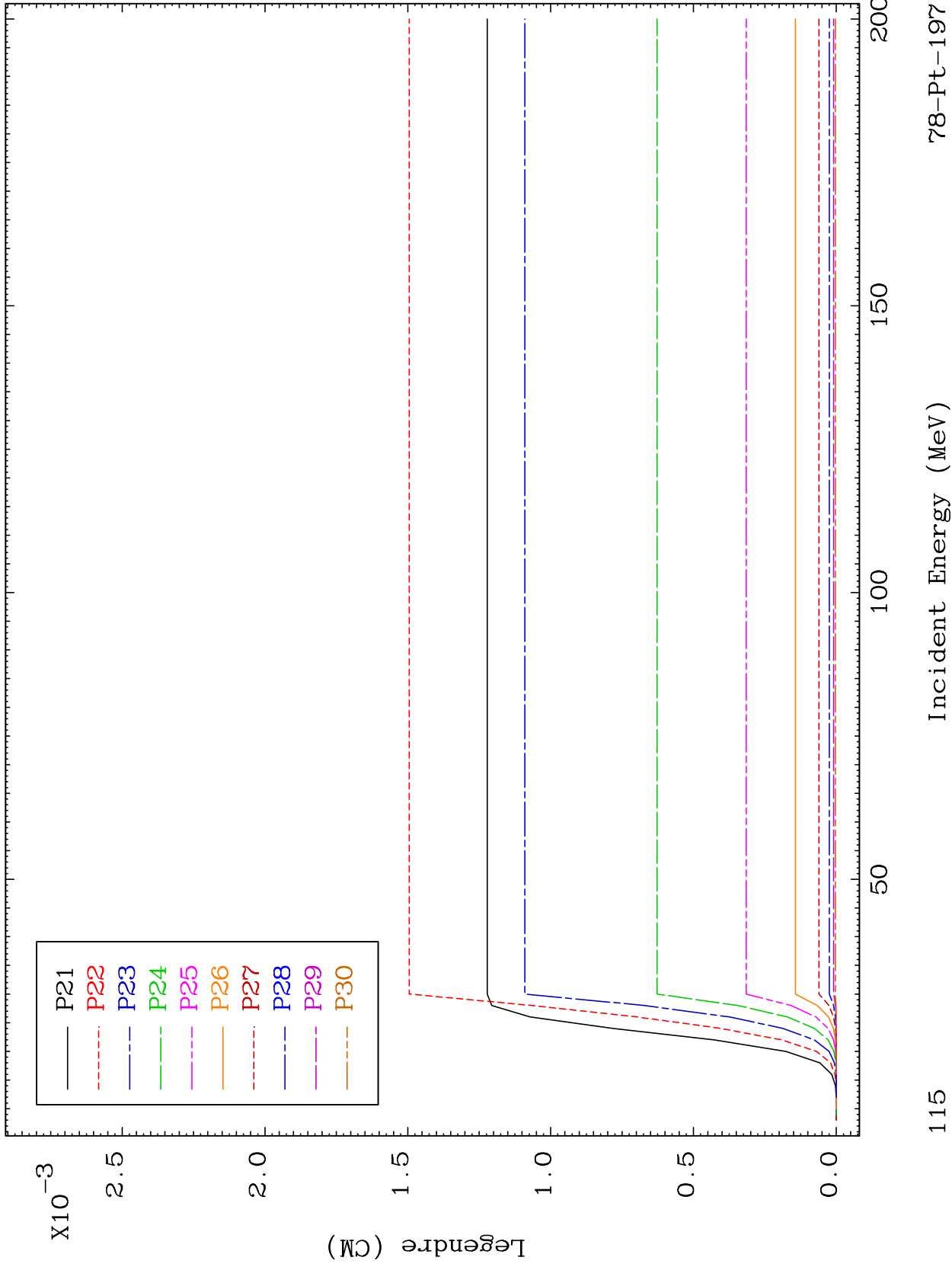
Incident Energy (MeV)

78-Pt-197

MAT 7846

955.9 keV (n,n') Level  
Legendre Coefficients

78-Pt-197



115

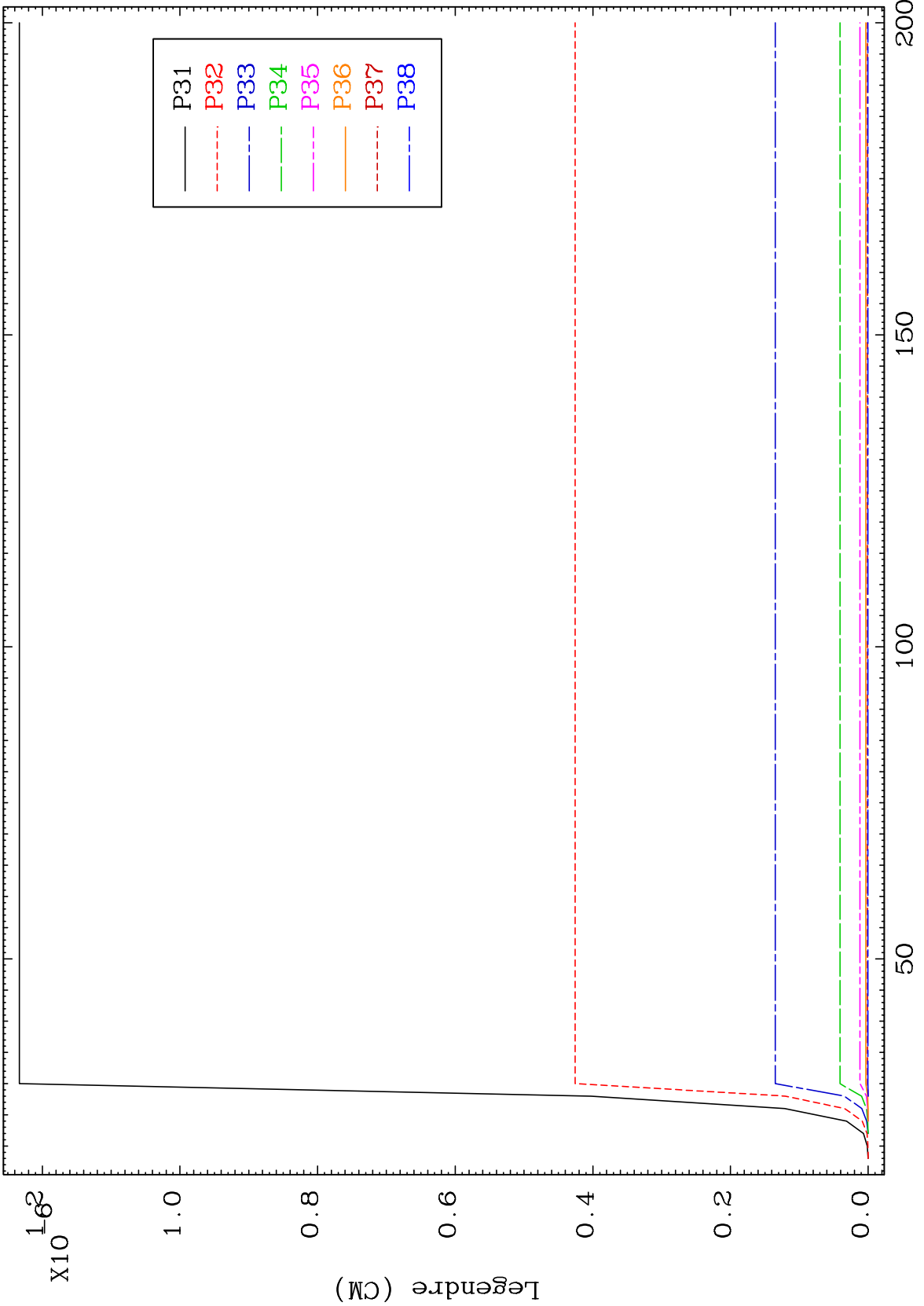
Incident Energy (MeV)

78-Pt-197

MAT 7846

955.9 keV (n,n') Level  
Legendre Coefficients

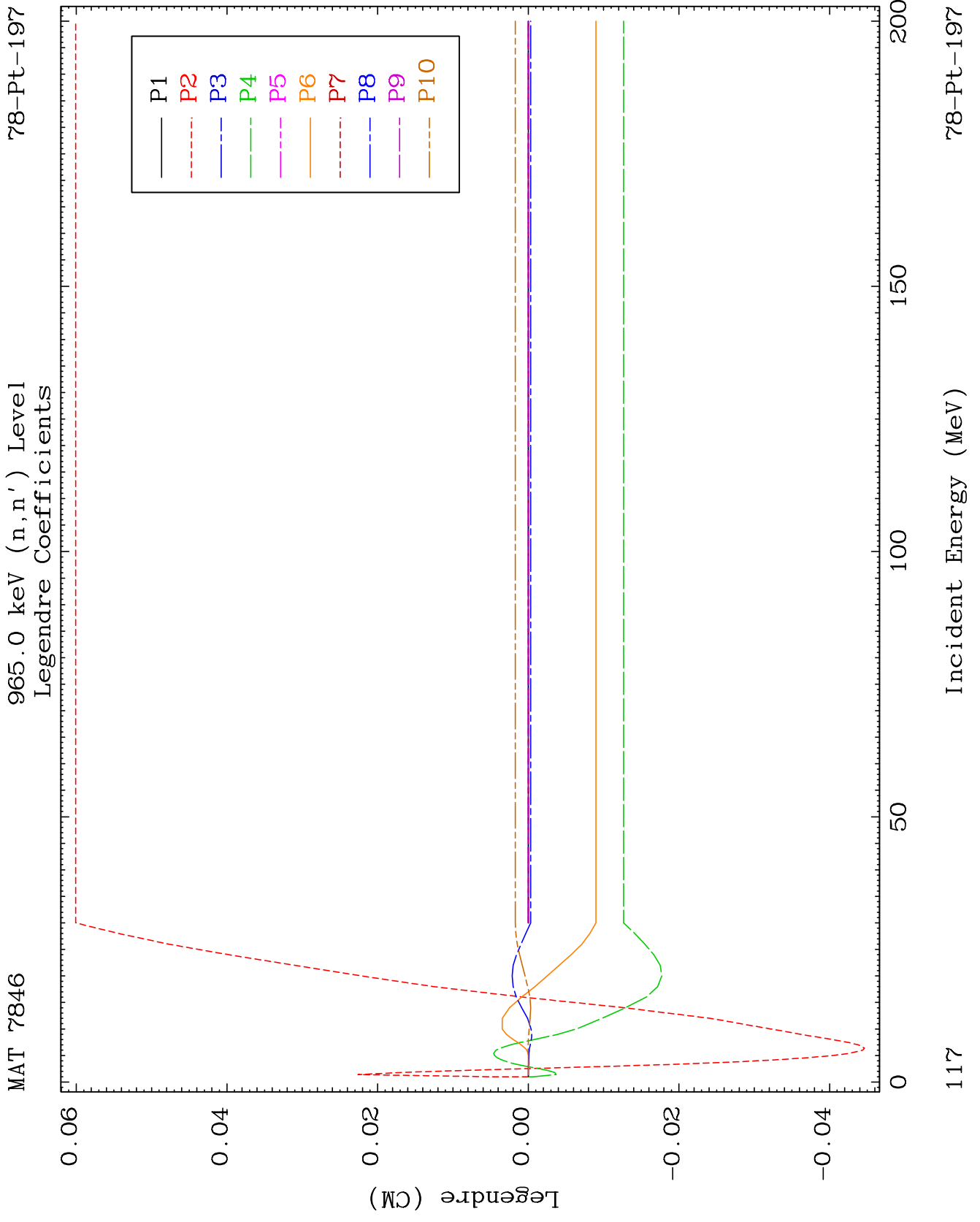
78-Pt-197

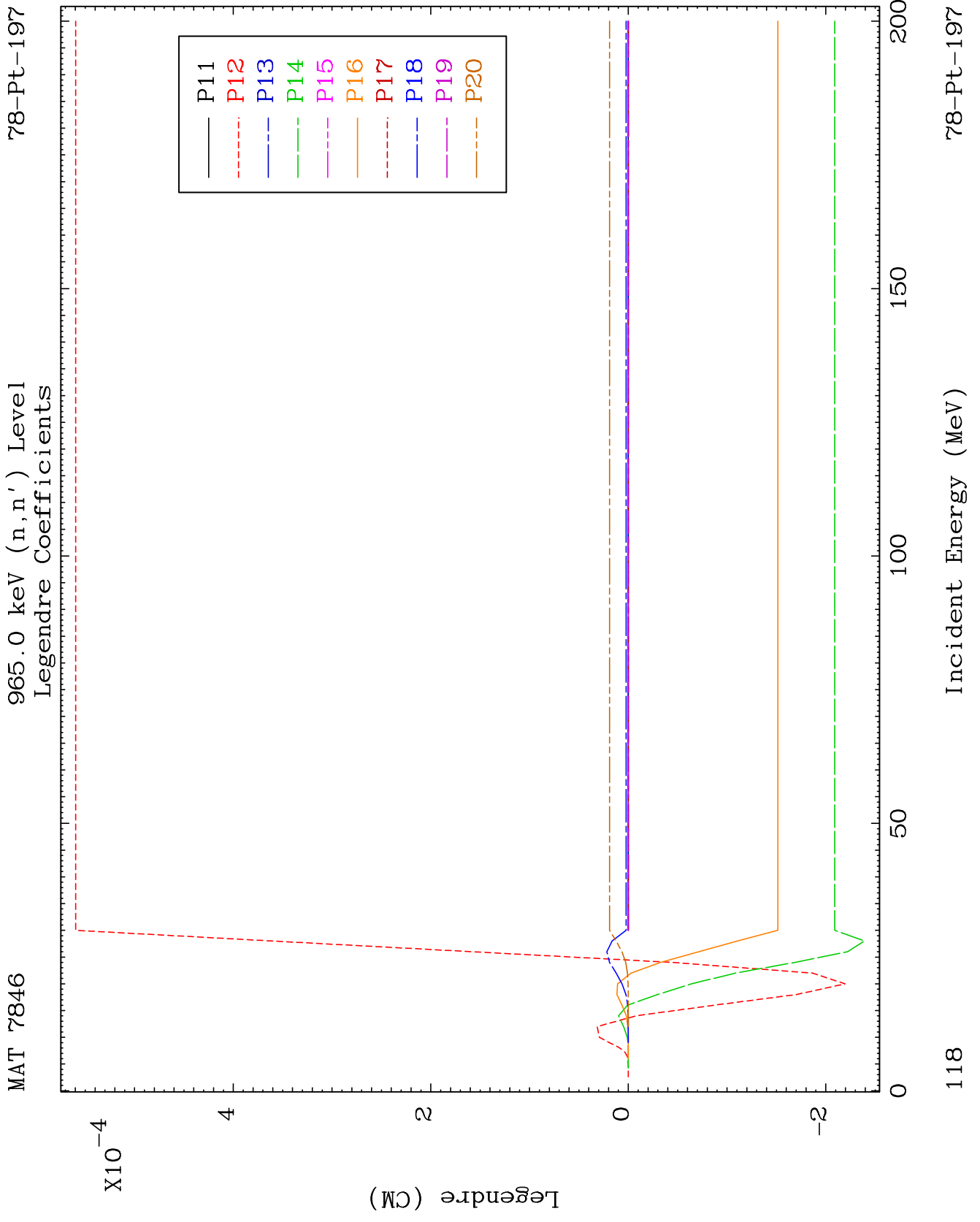


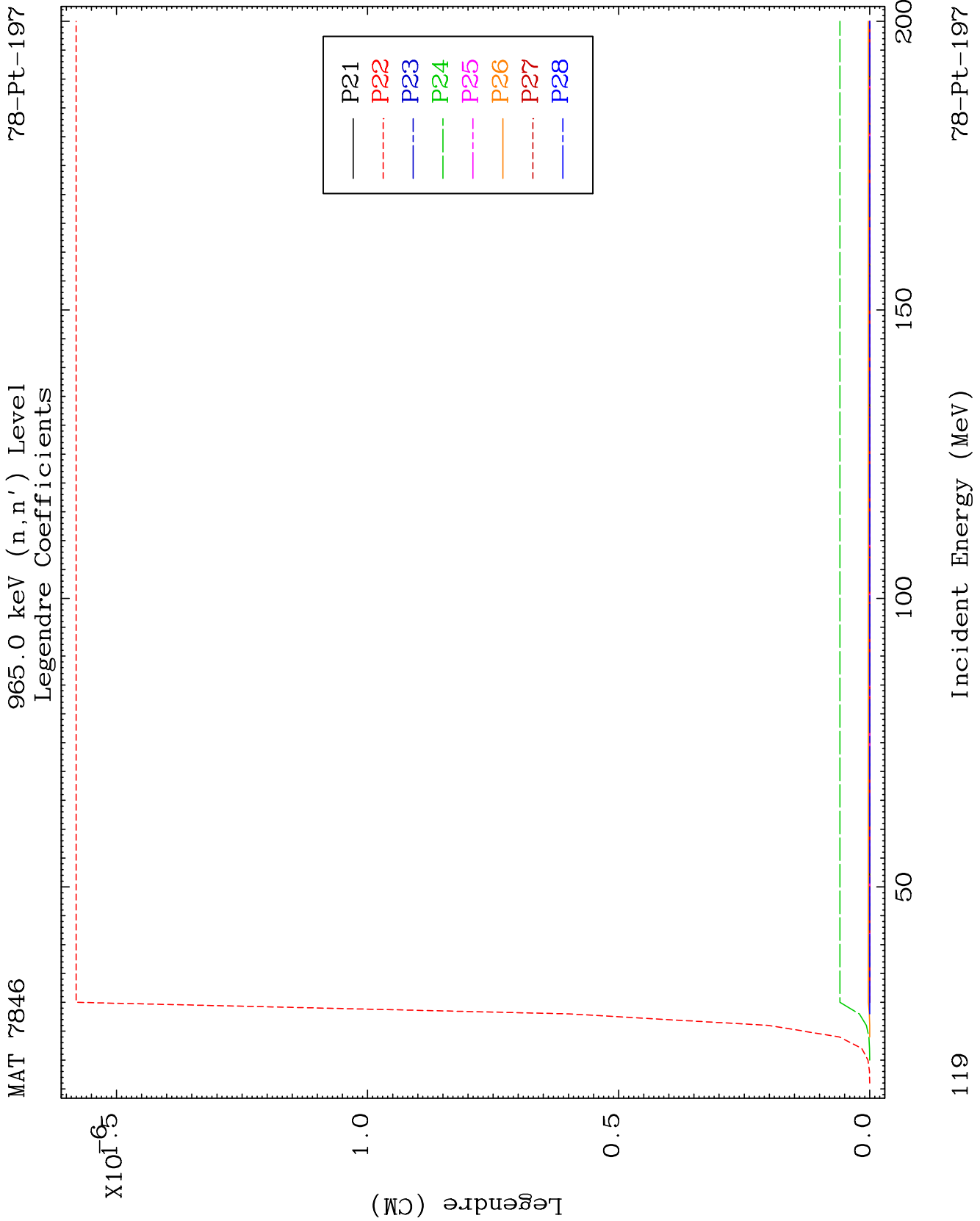
78-Pt-197

Incident Energy (MeV)

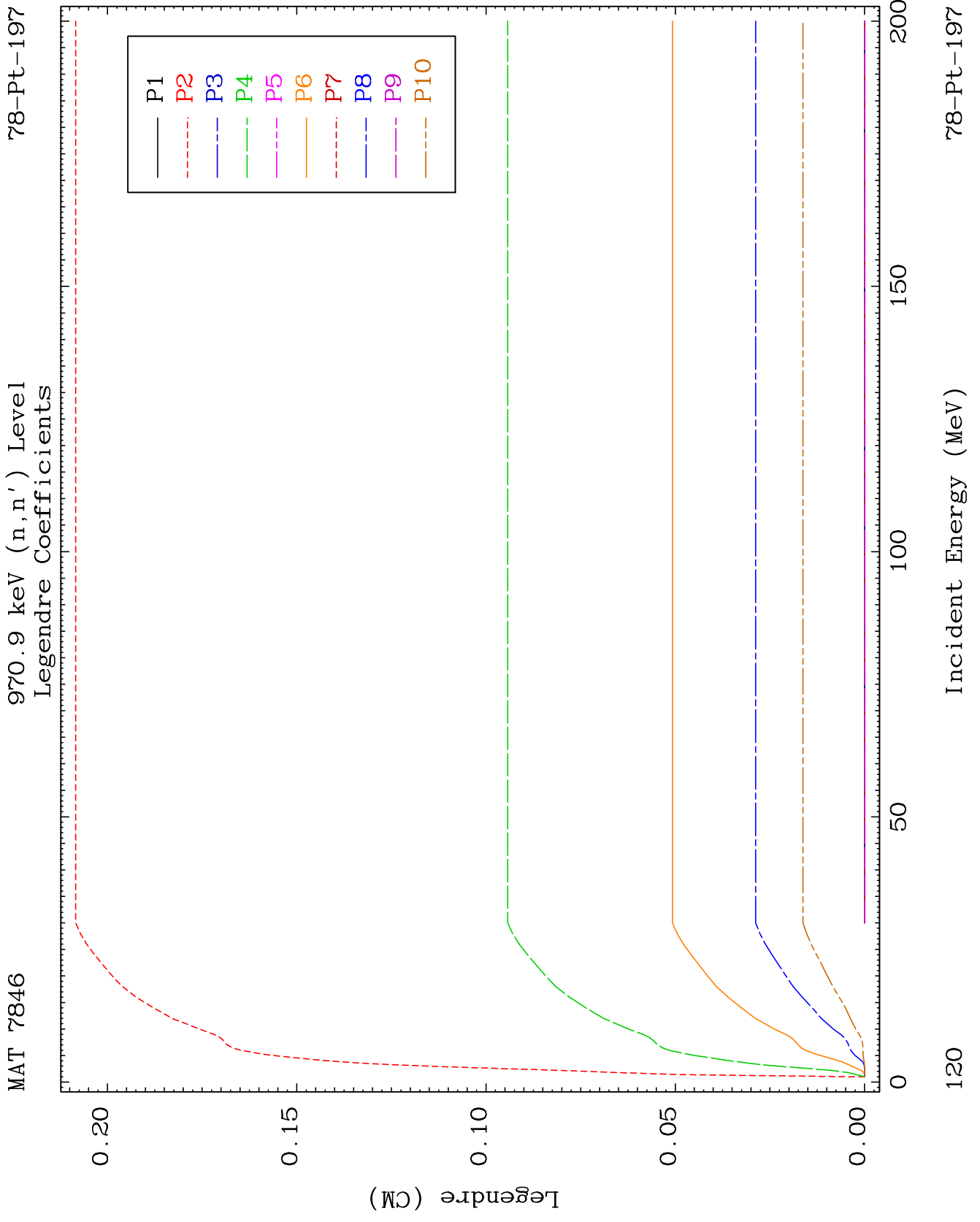
116

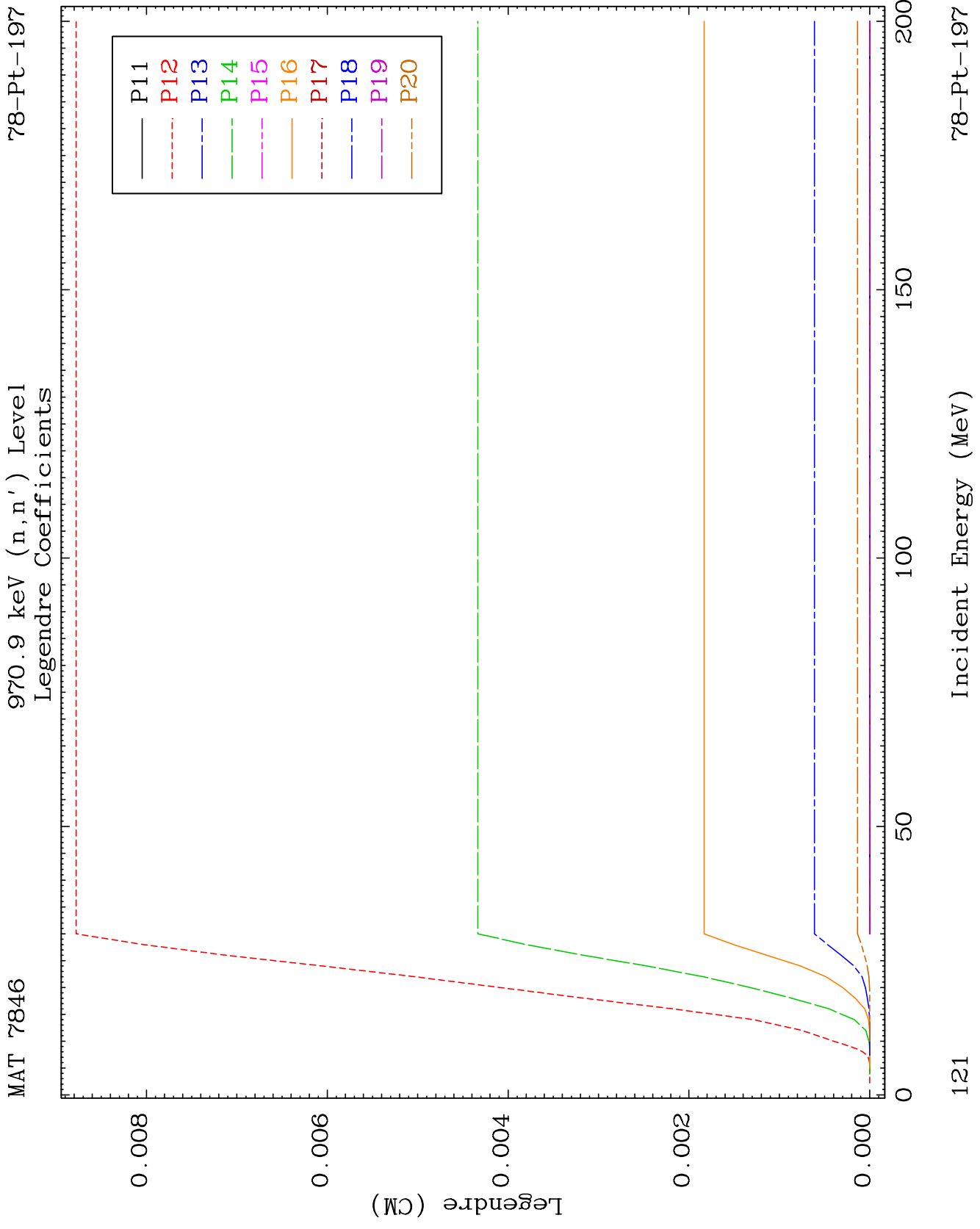


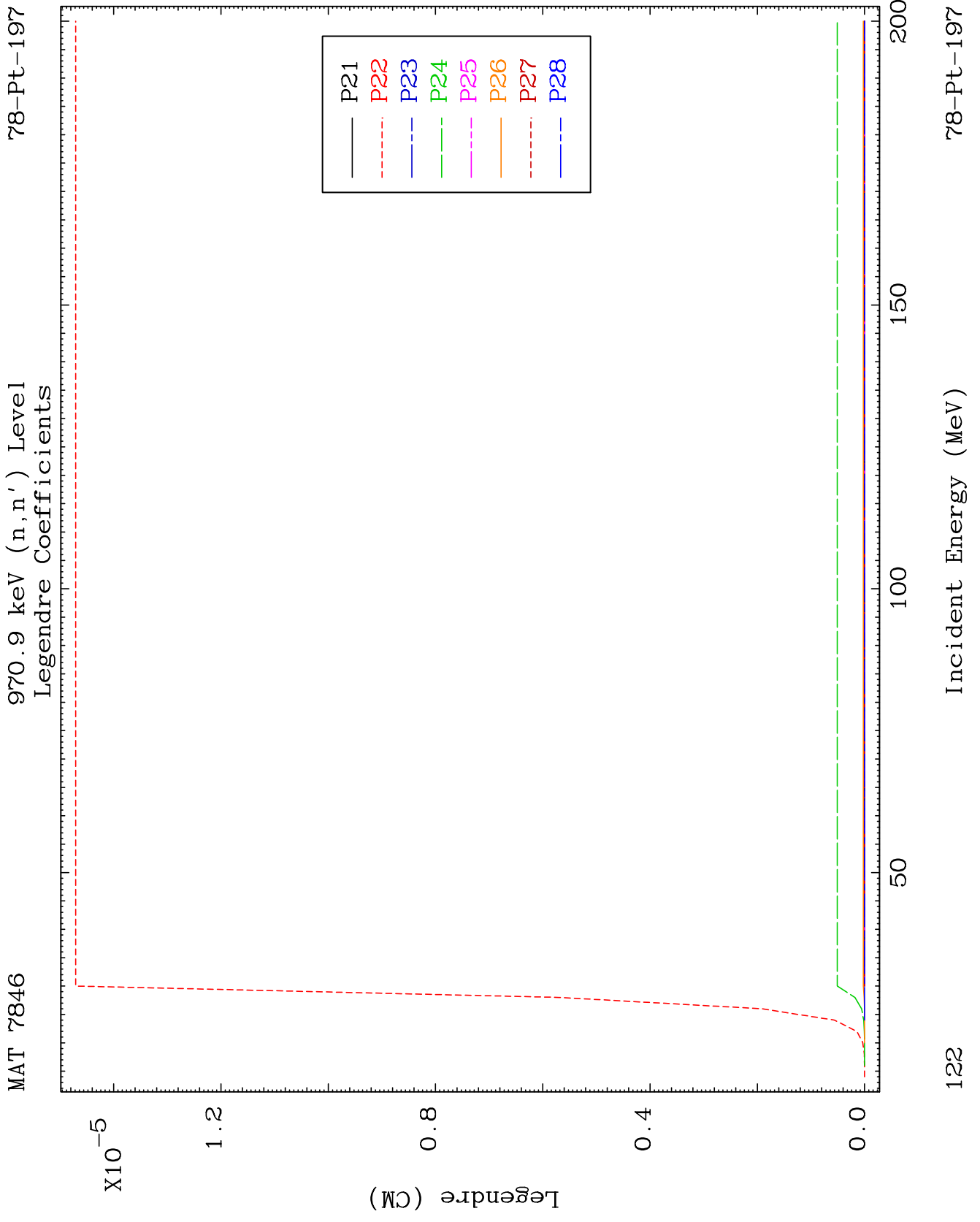








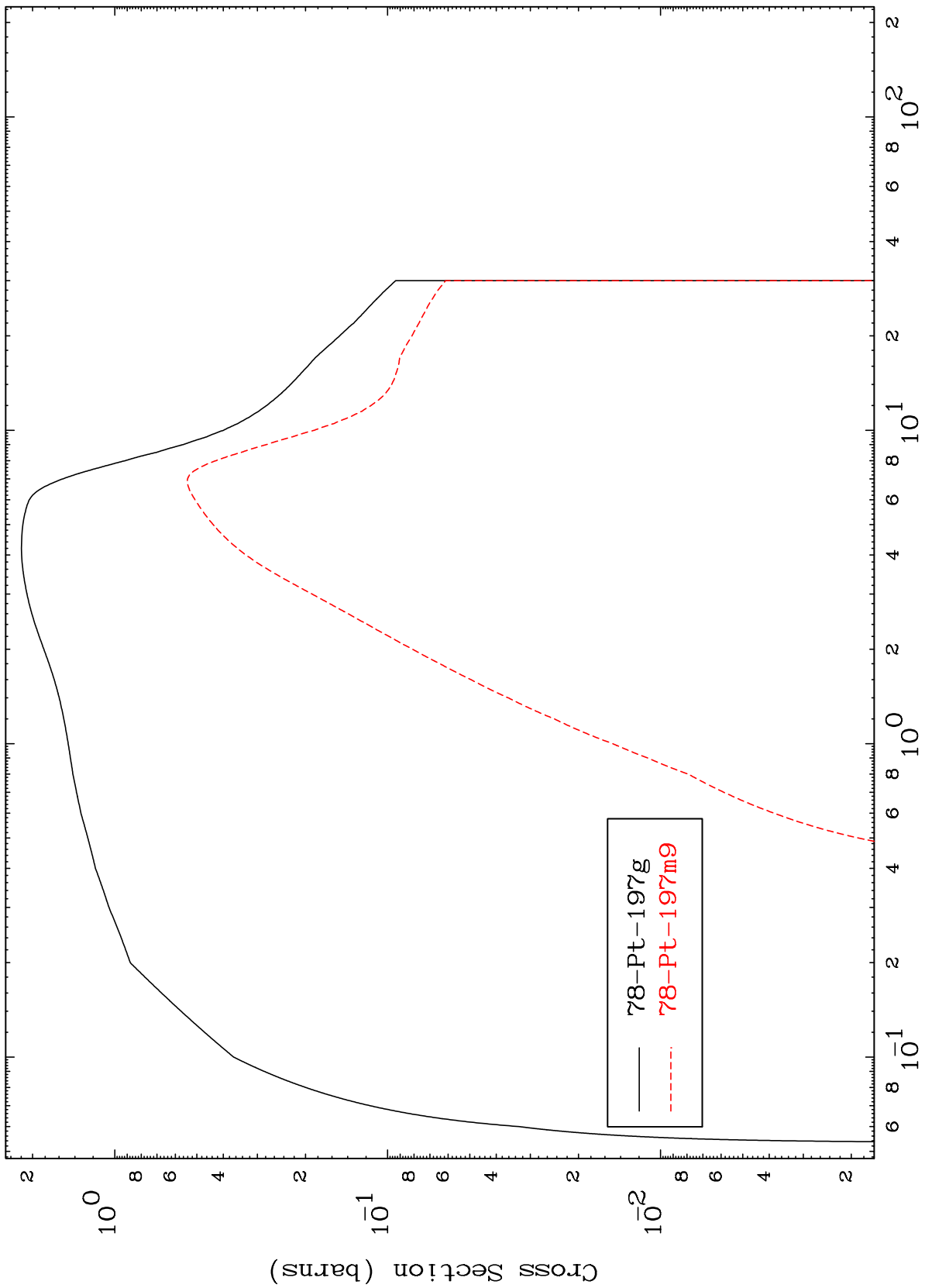




MAT 7846

78-Pt-197

Inelastic  
Radionuclide Production Cross Section



— 78-Pt-197g  
- - - 78-Pt-197m9

78-Pt-197

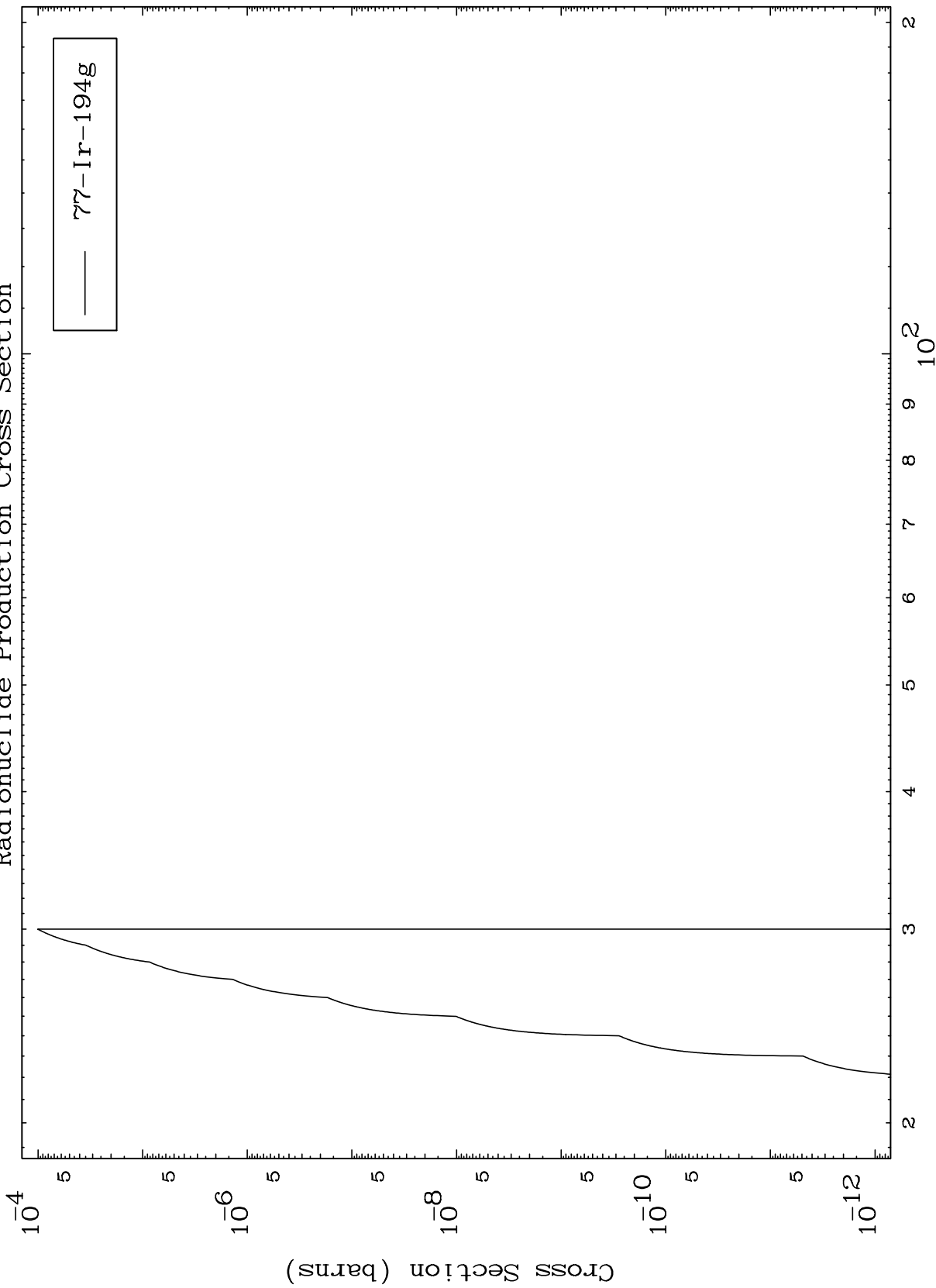
Incident Energy (MeV)

MAT 7846

(n,2n) d

78-Pt-197

Radionuclide Production Cross Section



124

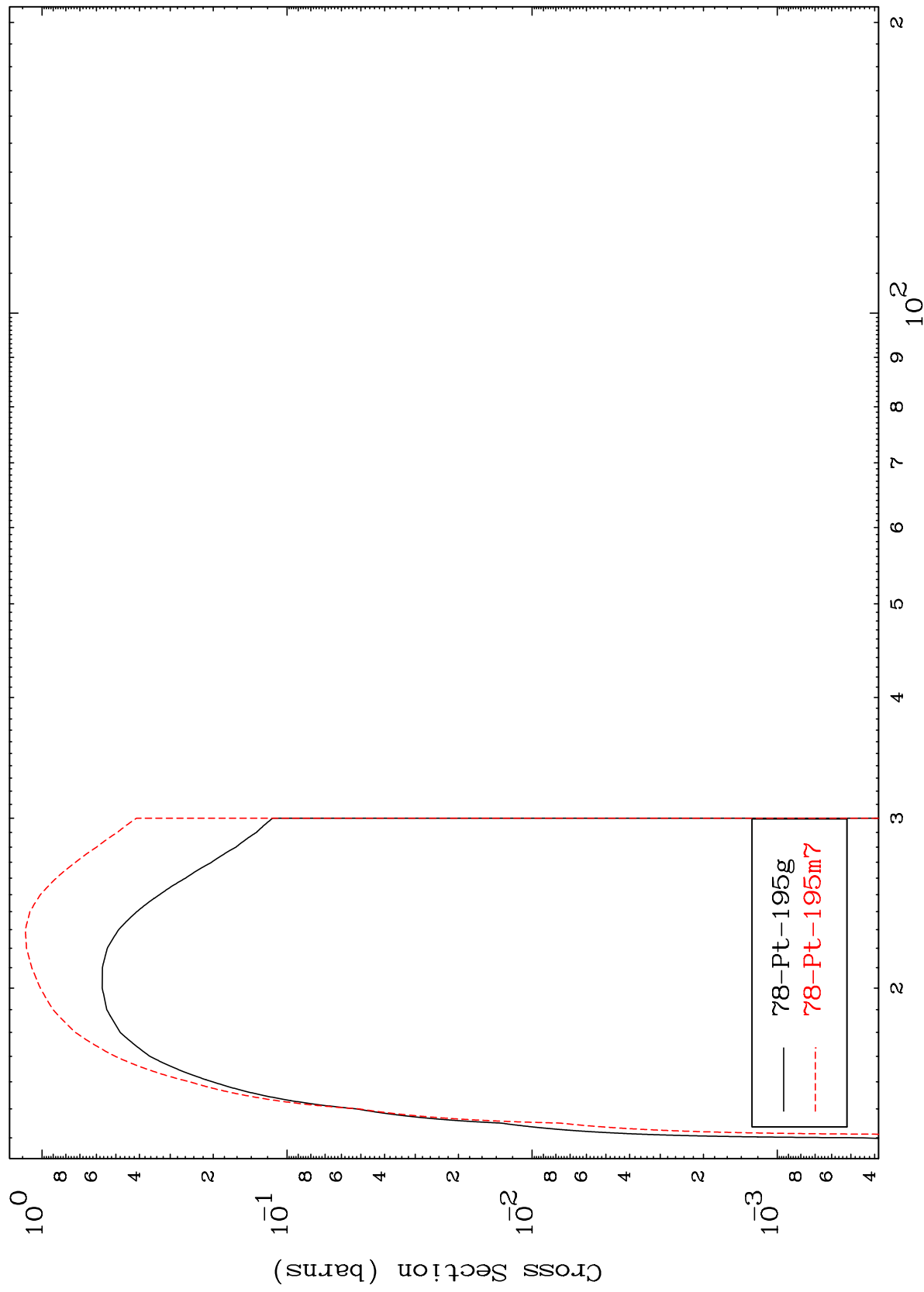
Incident Energy (MeV)

78-Pt-197

MAT 7846

78-Pt-197

(n,3n)  
Radionuclide Production Cross Section



125

Incident Energy (MeV)

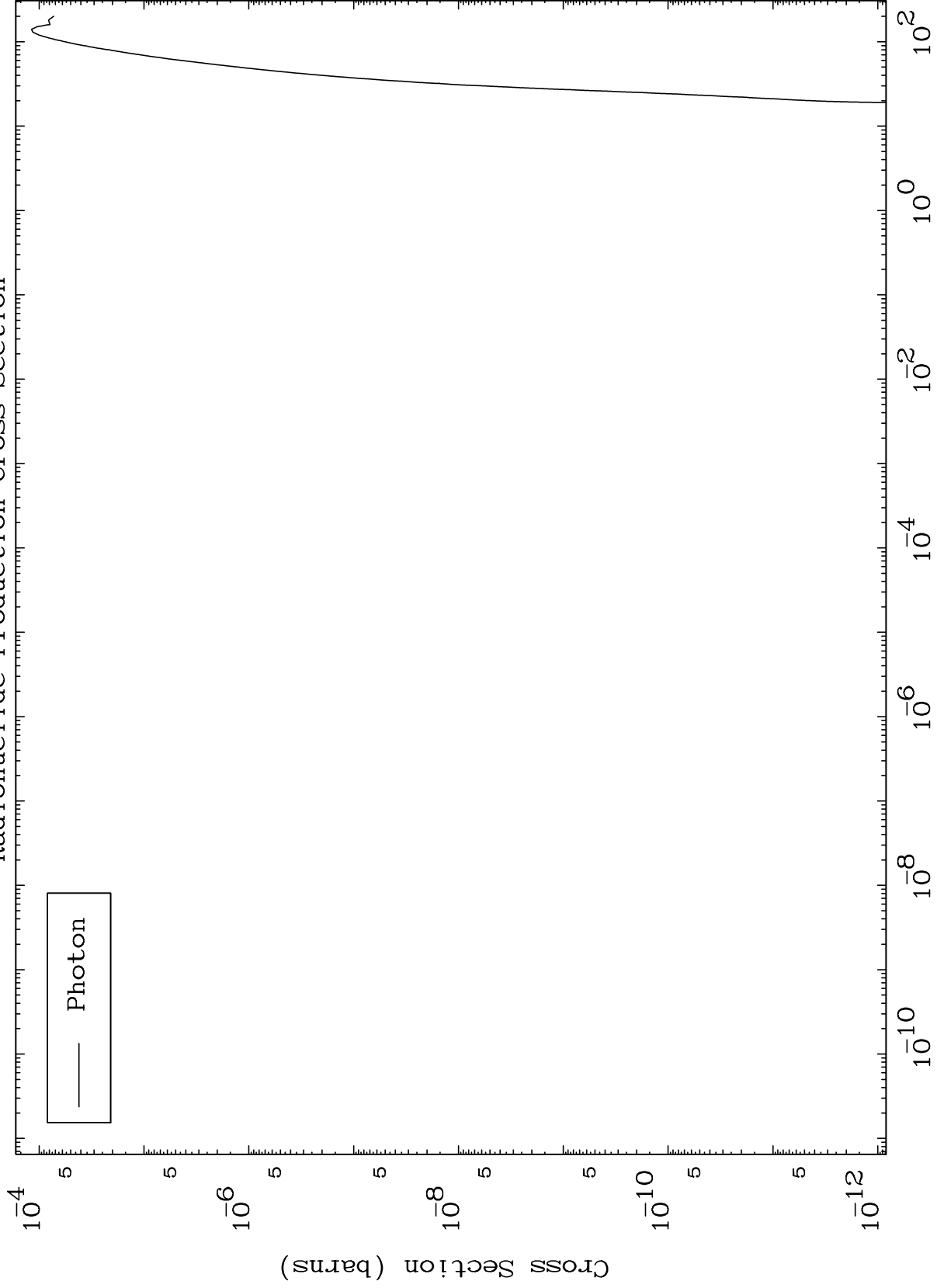
78-Pt-197

MAT 7846

Fission

78-Pt-197

Radionuclide Production Cross Section



126

Incident Energy (MeV)

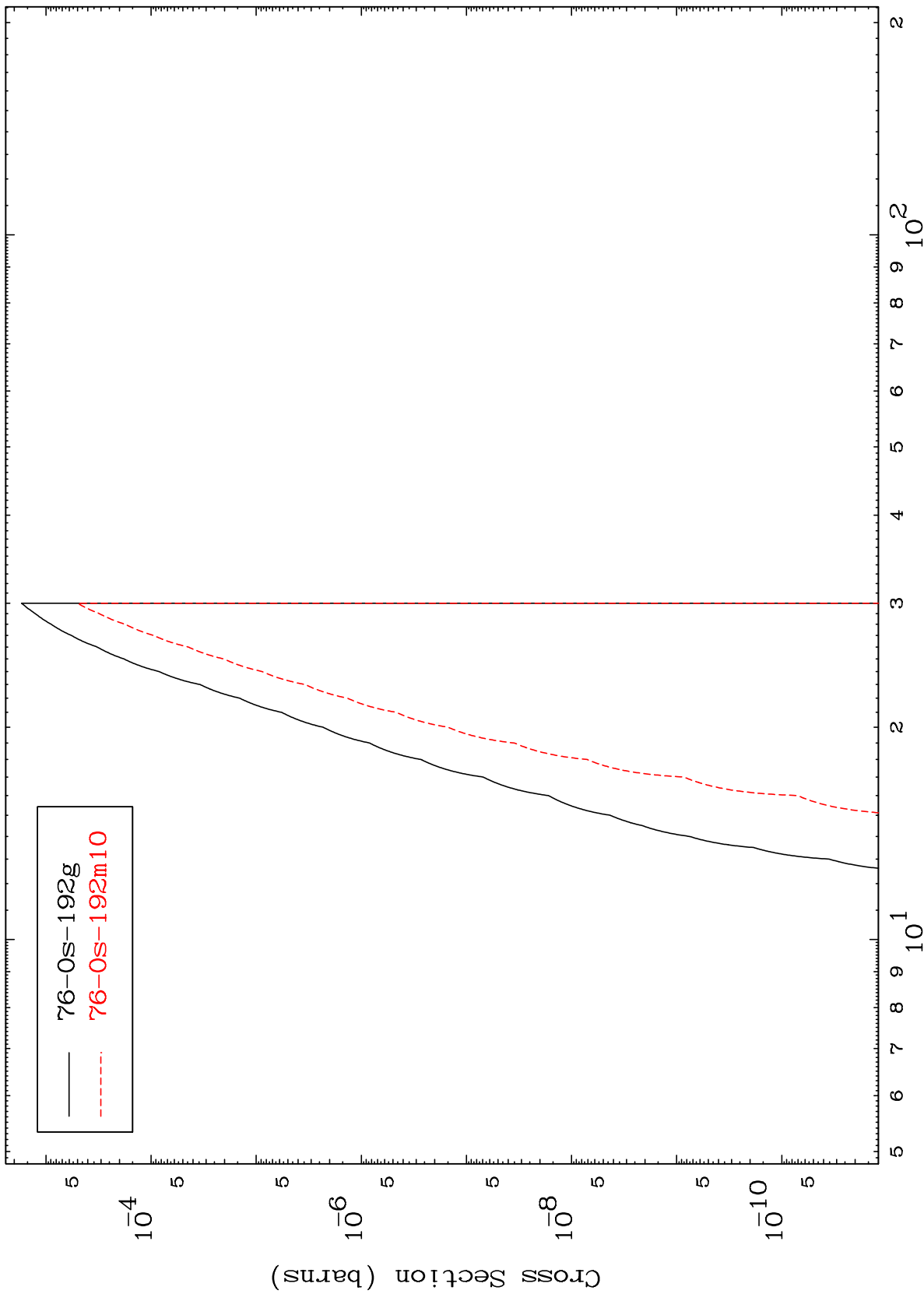
78-Pt-197

MAT 7846

$(n,2n)$   $\alpha$

78-Pt-197

Radionuclide Production Cross Section



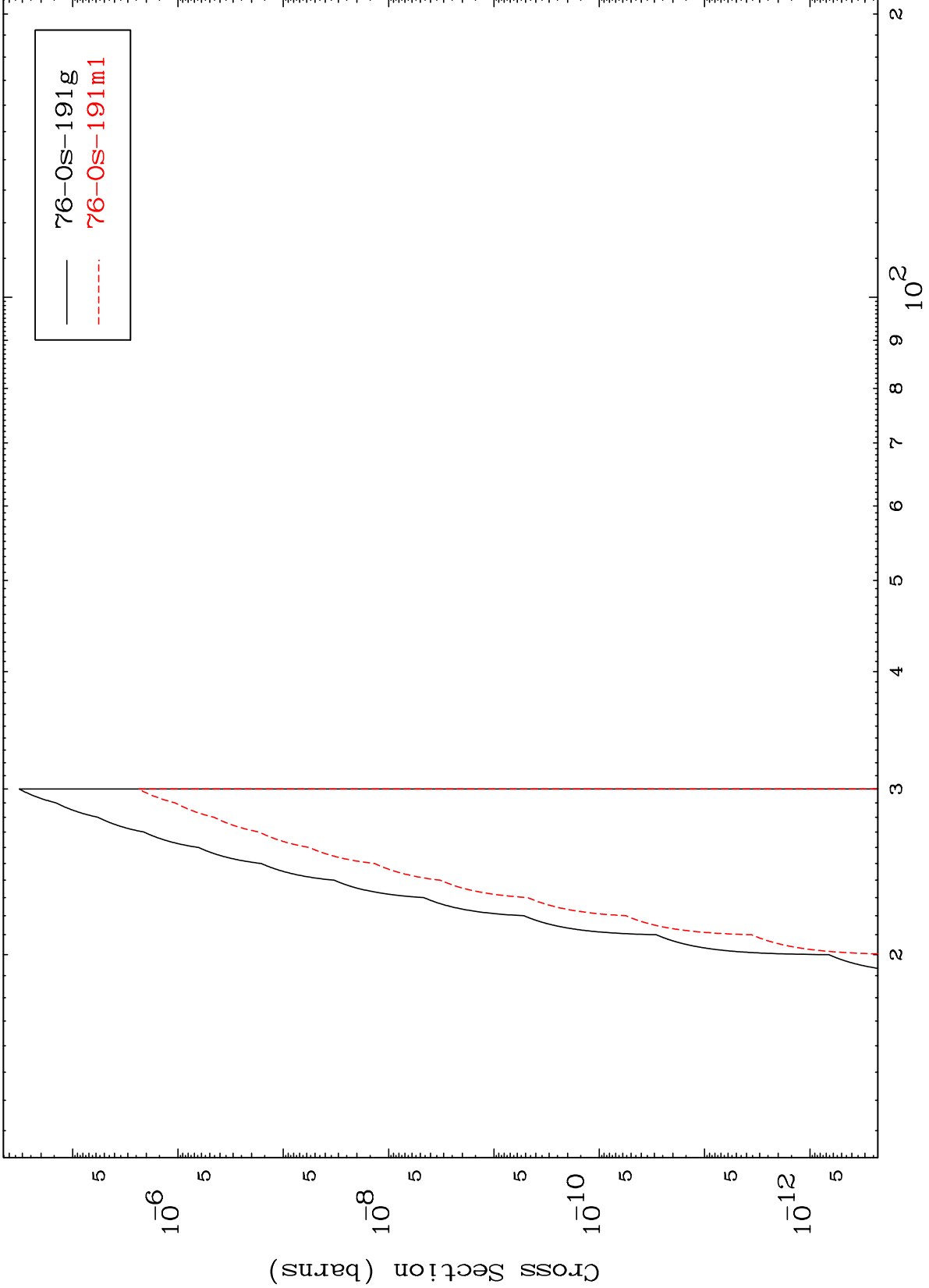
127

Incident Energy (MeV)

78-Pt-197



Radionuclide Production Cross Section



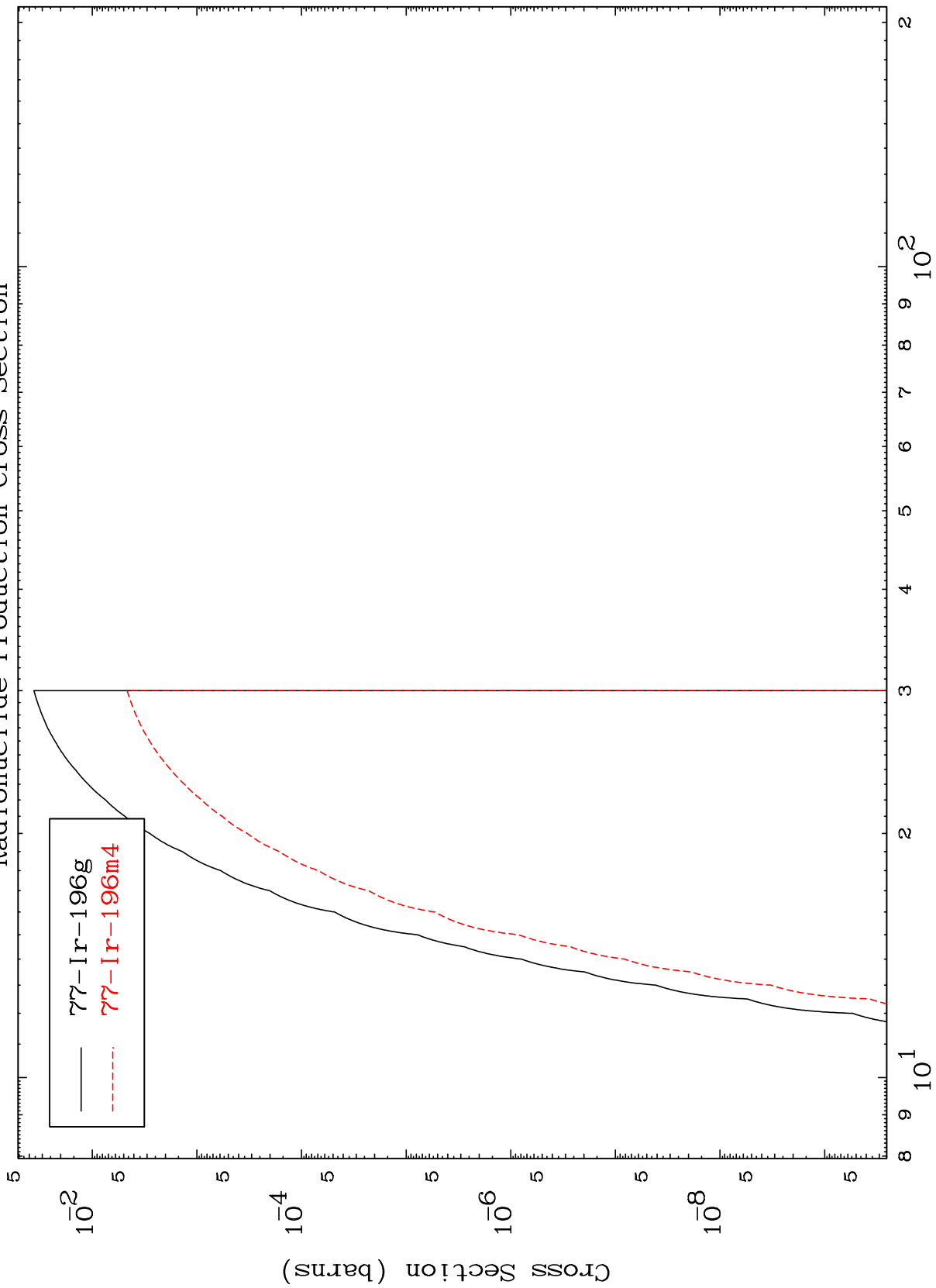
76-Os-191g  
76-Os-191m1

MAT 7846

(n,n') p

78-Pt-197

Radionuclide Production Cross Section



129

Incident Energy (MeV)

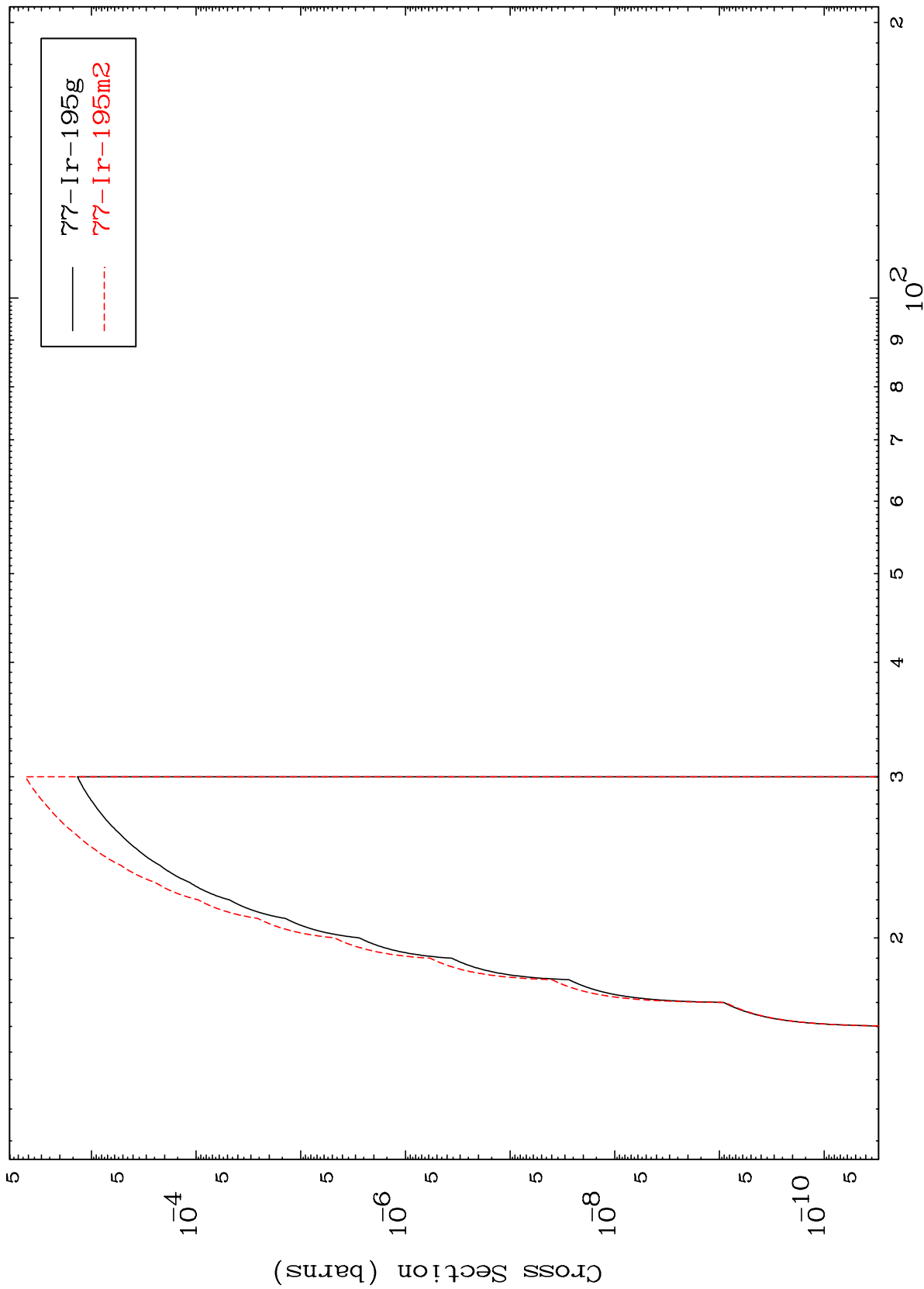
78-Pt-197

MAT 7846

(n,n') d

78-Pt-197

Radionuclide Production Cross Section



130

Incident Energy (MeV)

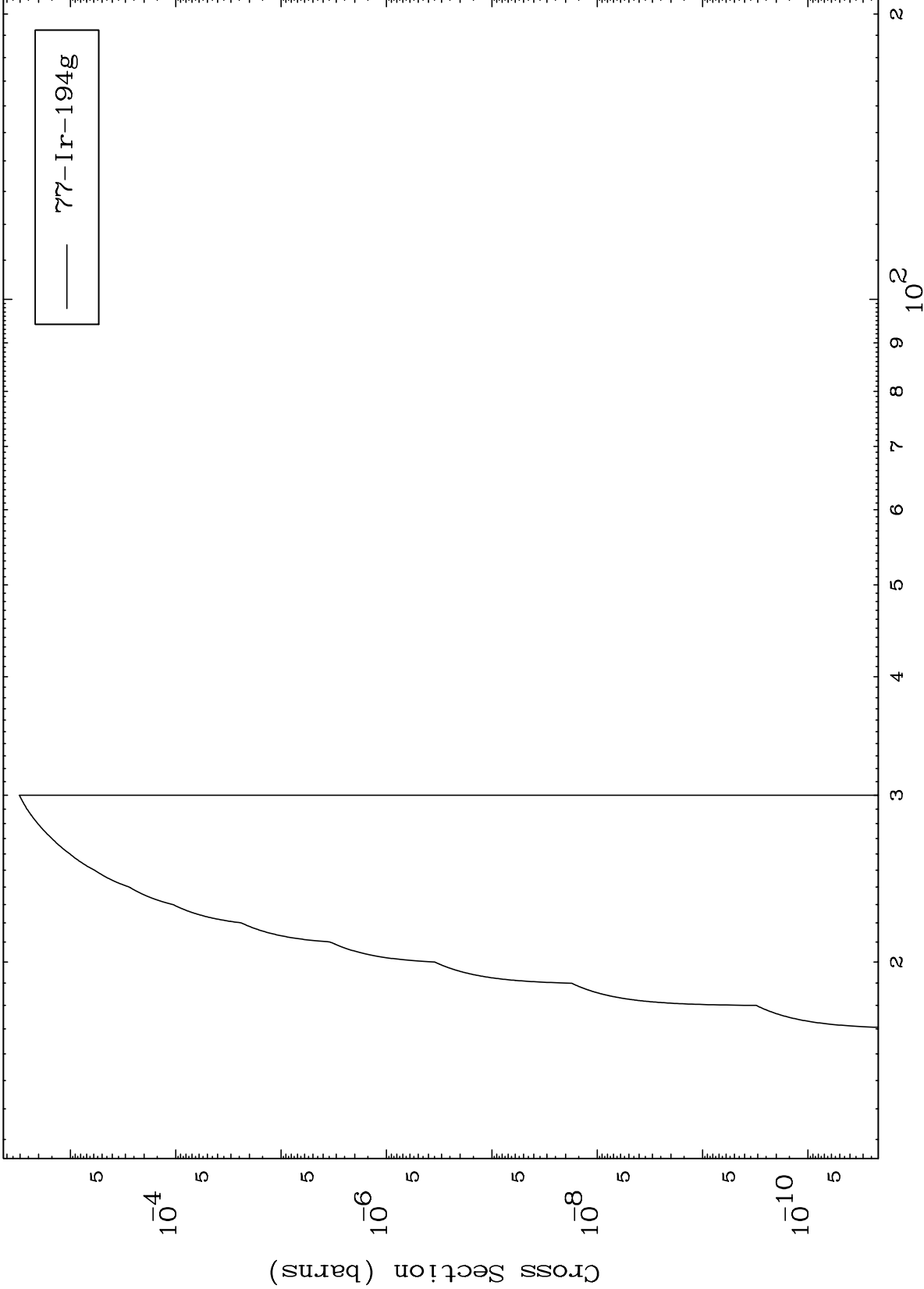
78-Pt-197

MAT 7846

(n,n') t

78-Pt-197

Radionuclide Production Cross Section



131

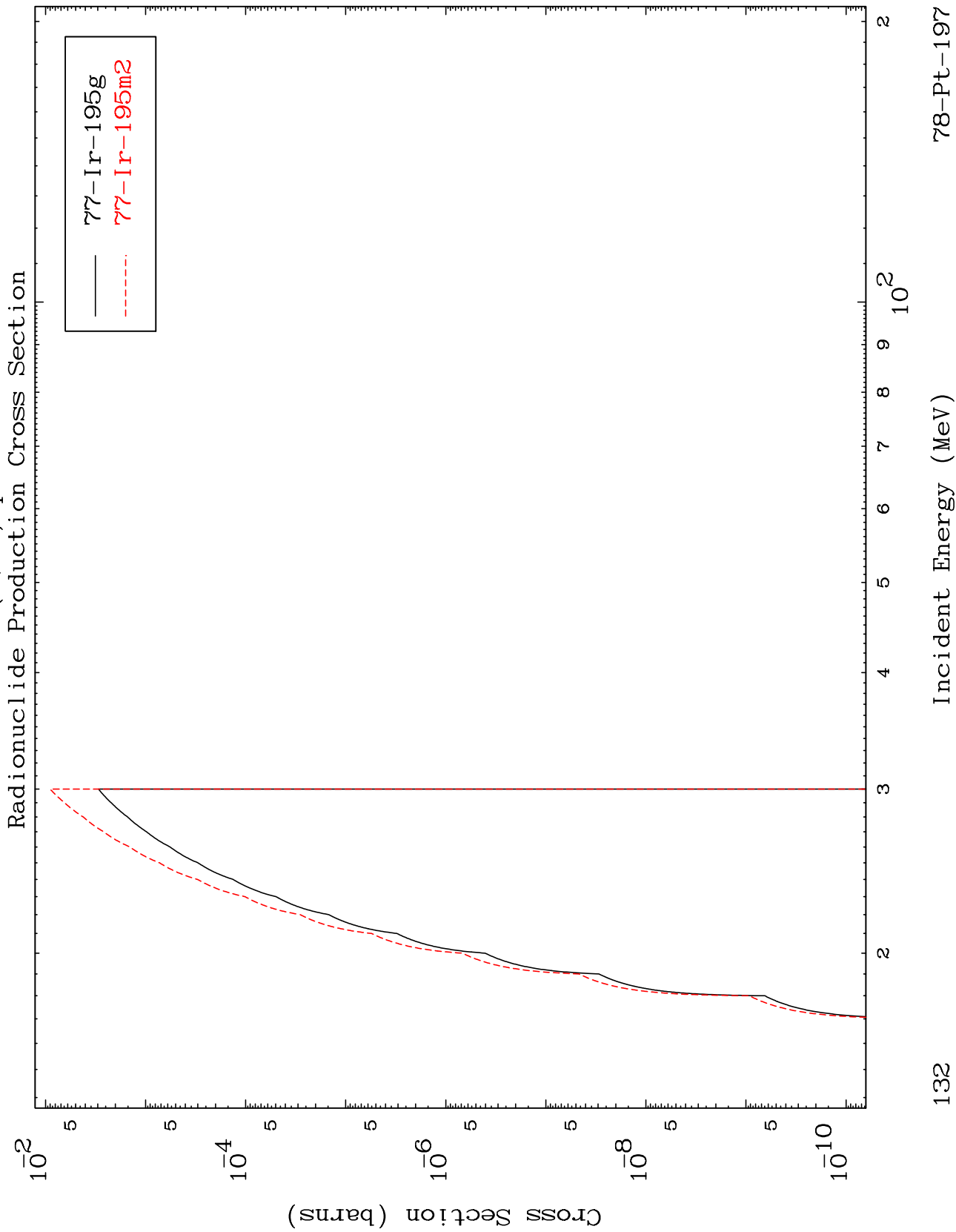
Incident Energy (MeV)

78-Pt-197

MAT 7846

(n,2n) p

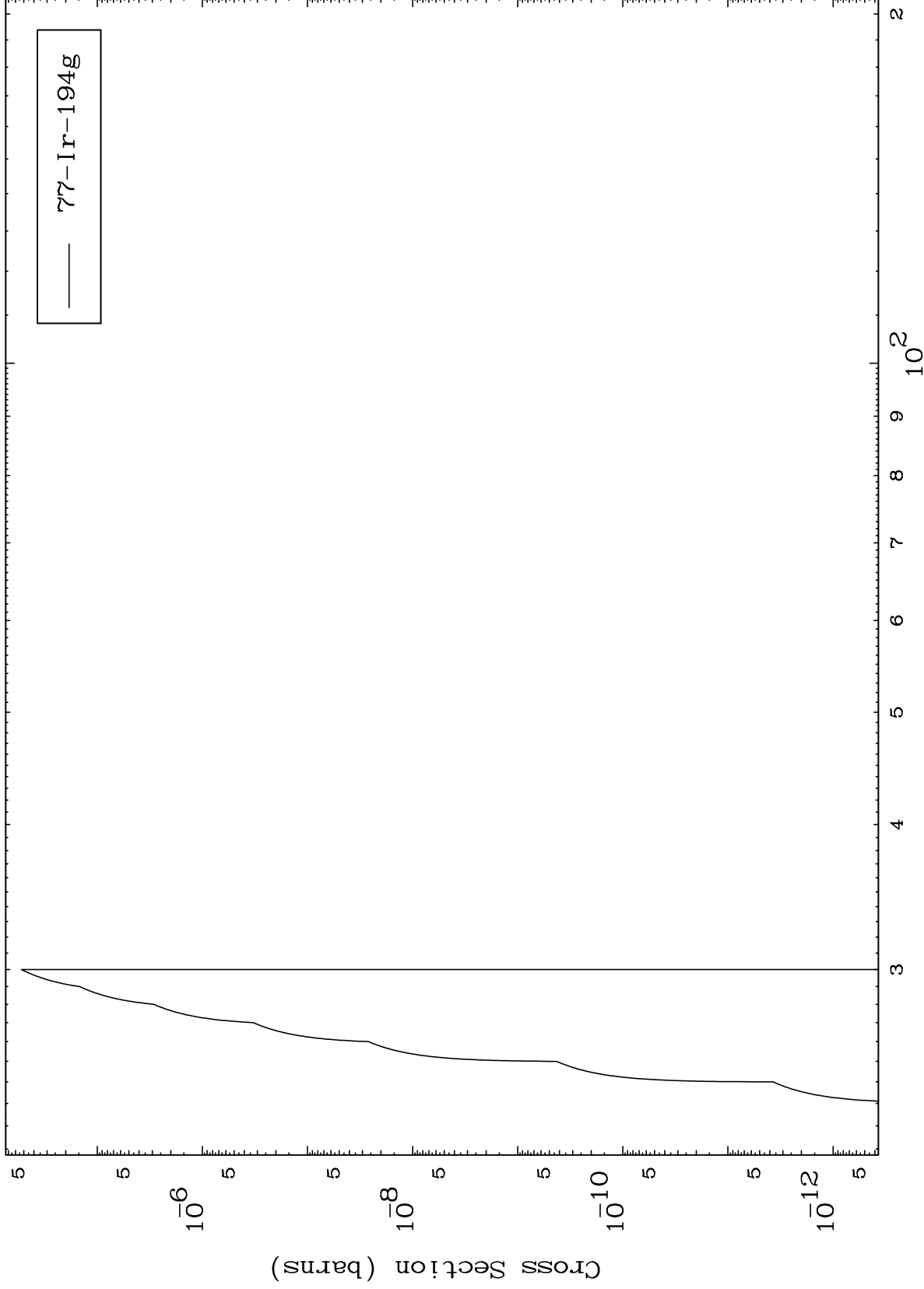
78-Pt-197



132

78-Pt-197

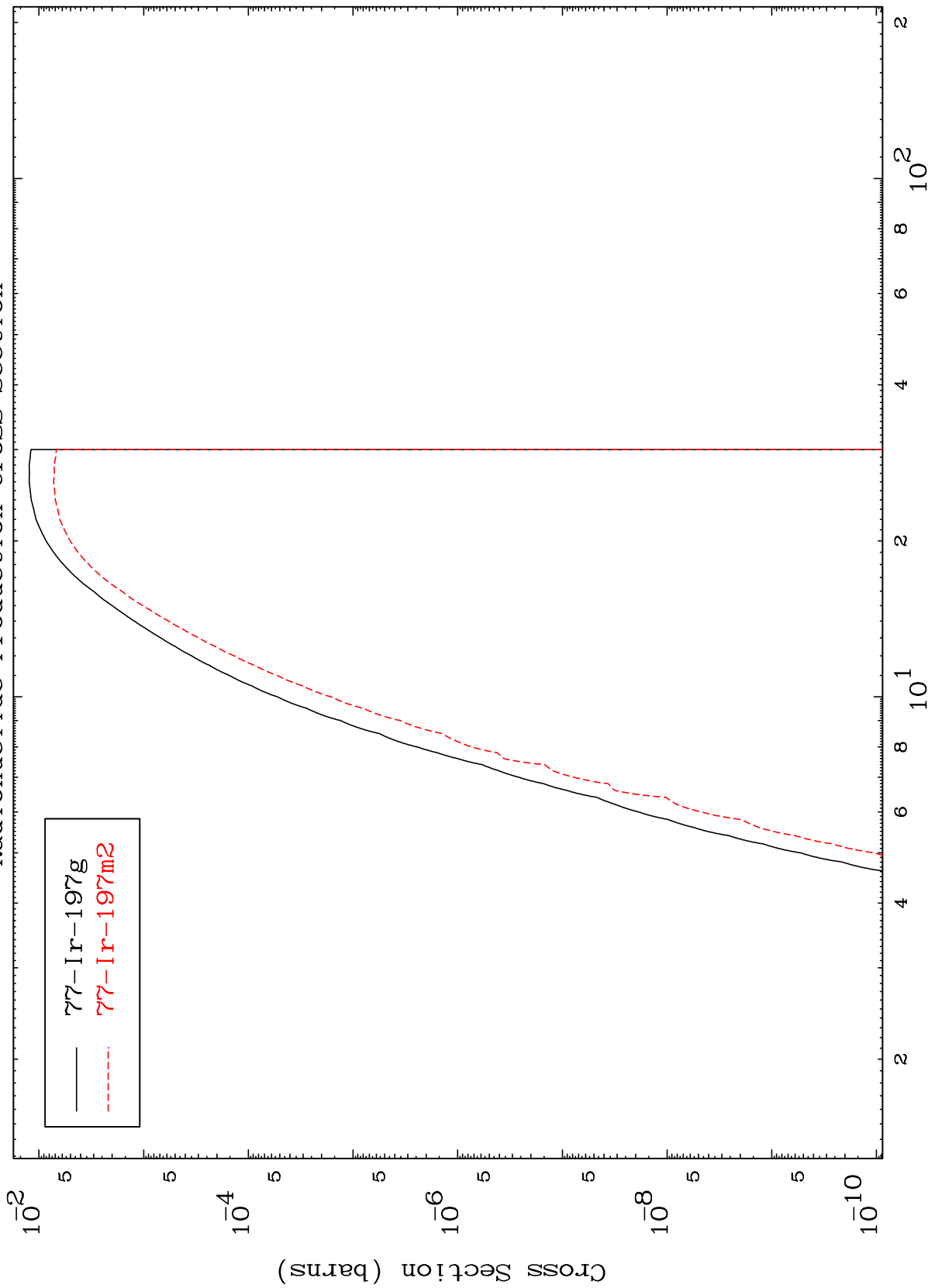
(n,3n) p  
Radionuclide Production Cross Section



MAT 7846

78-Pt-197

(n,p)  
Radionuclide Production Cross Section



134

78-Pt-197

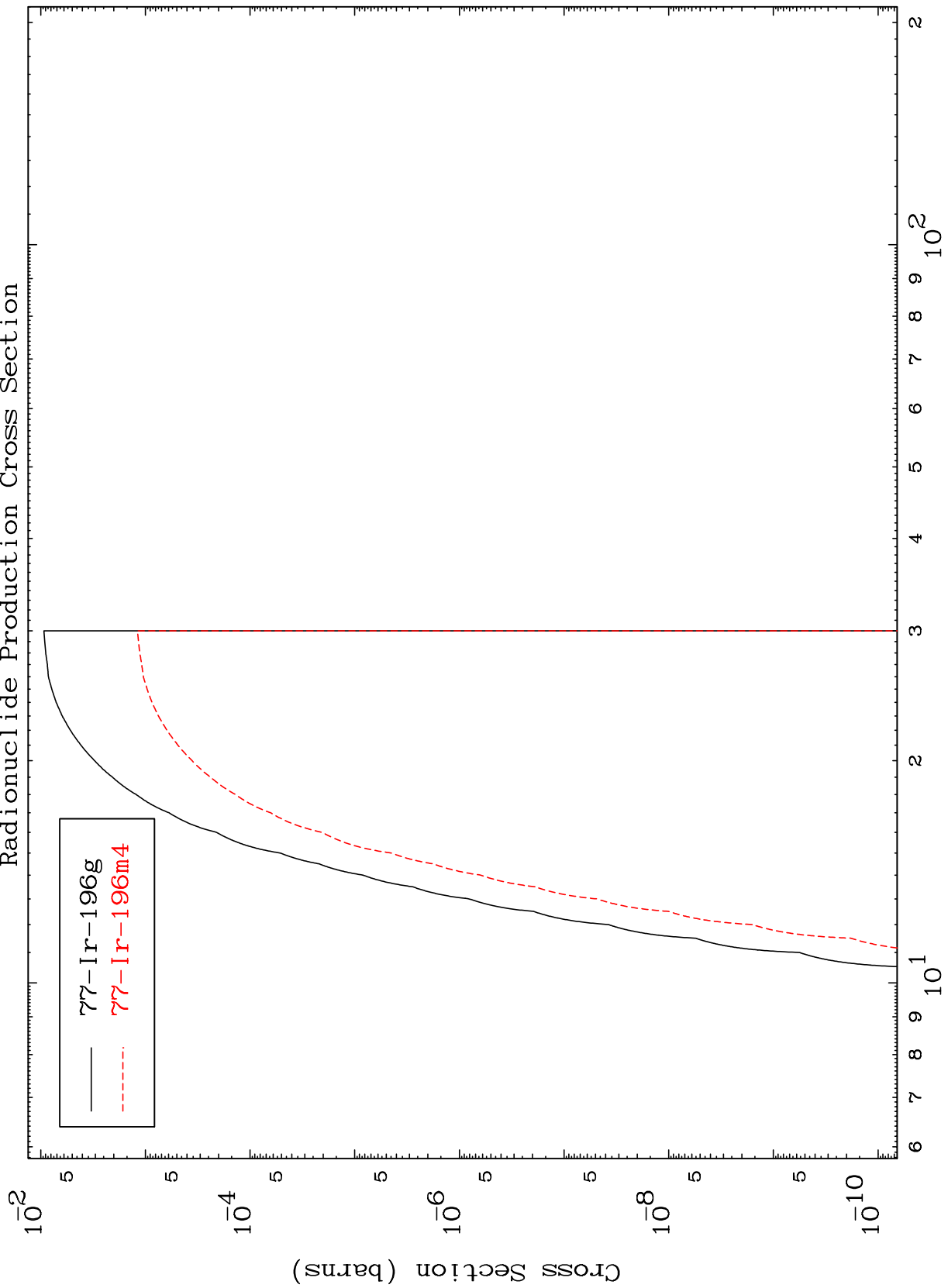
Incident Energy (MeV)

MAT 7846

(n,d)

78-Pt-197

Radionuclide Production Cross Section



135

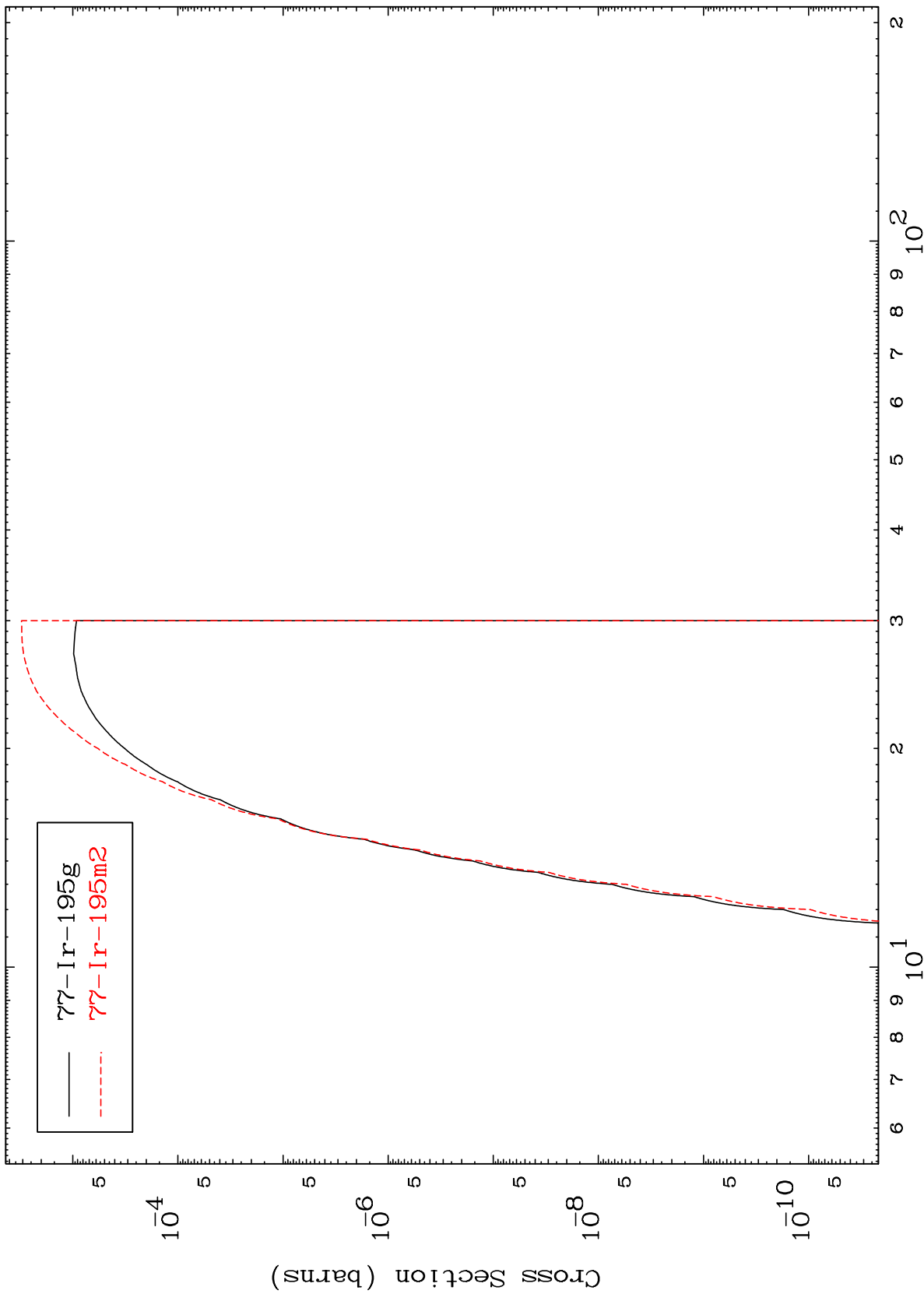
78-Pt-197



MAT 7846

78-Pt-197

Radionuclide Production Cross Section (n,t)



136

Incident Energy (MeV)

78-Pt-197