

Program EVALPLOT  
(Version 2015-2)

by

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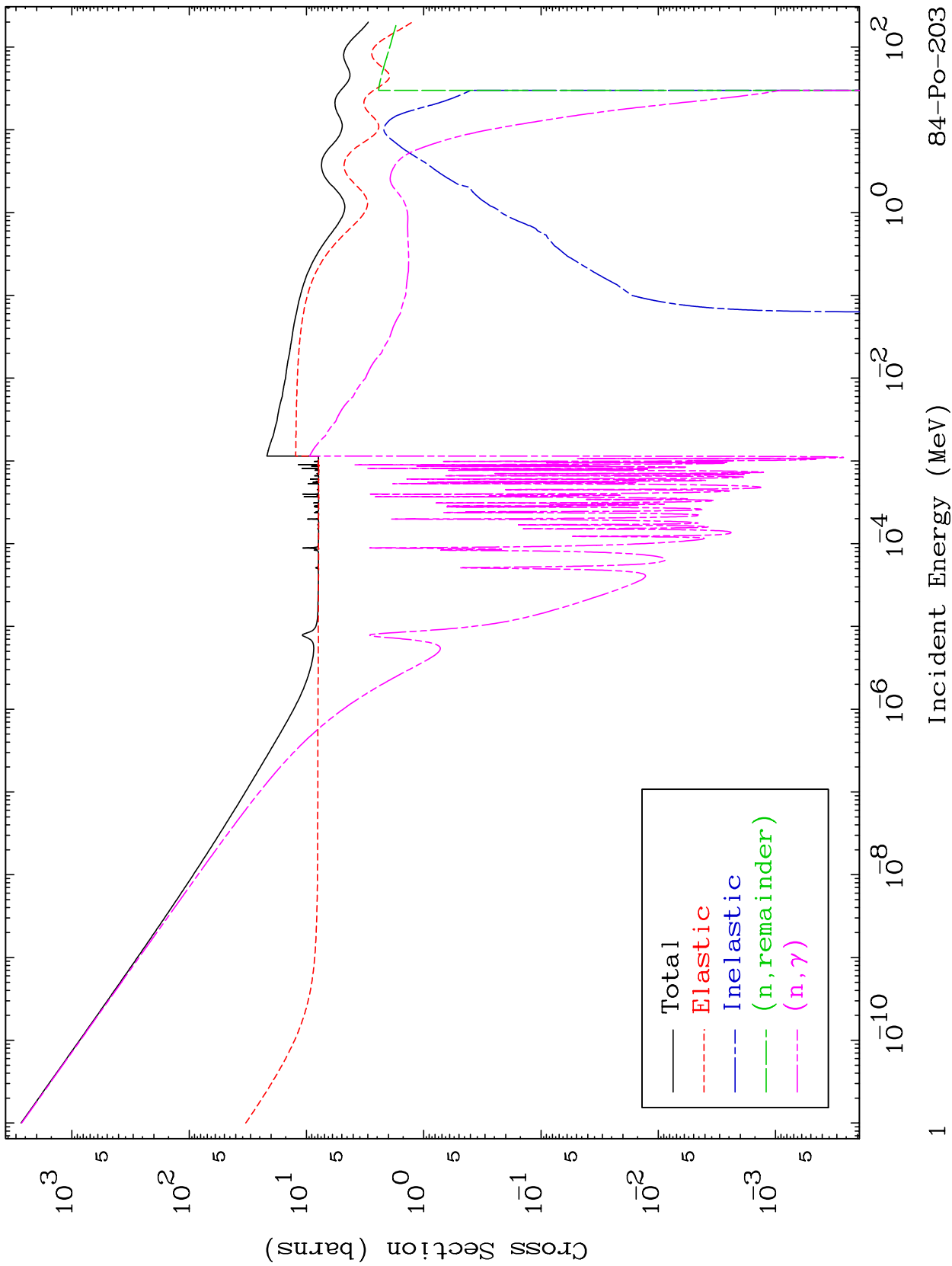
Press Mouse Button to Start

MAT 8416

Major

293 Kelvin Cross Sections

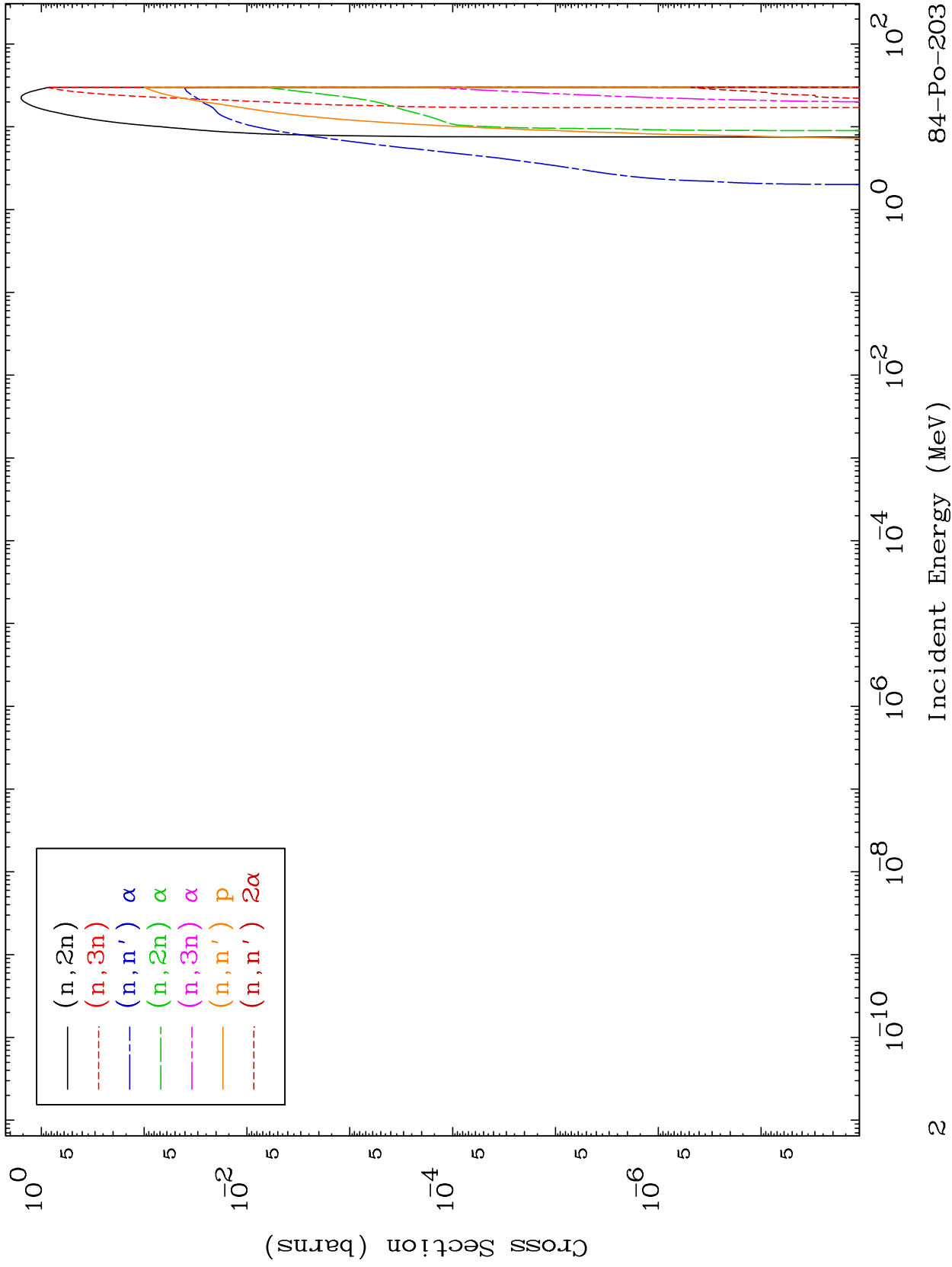
84-Po-203



MAT 8416

Neutron Production  
293 Kelvin Cross Sections

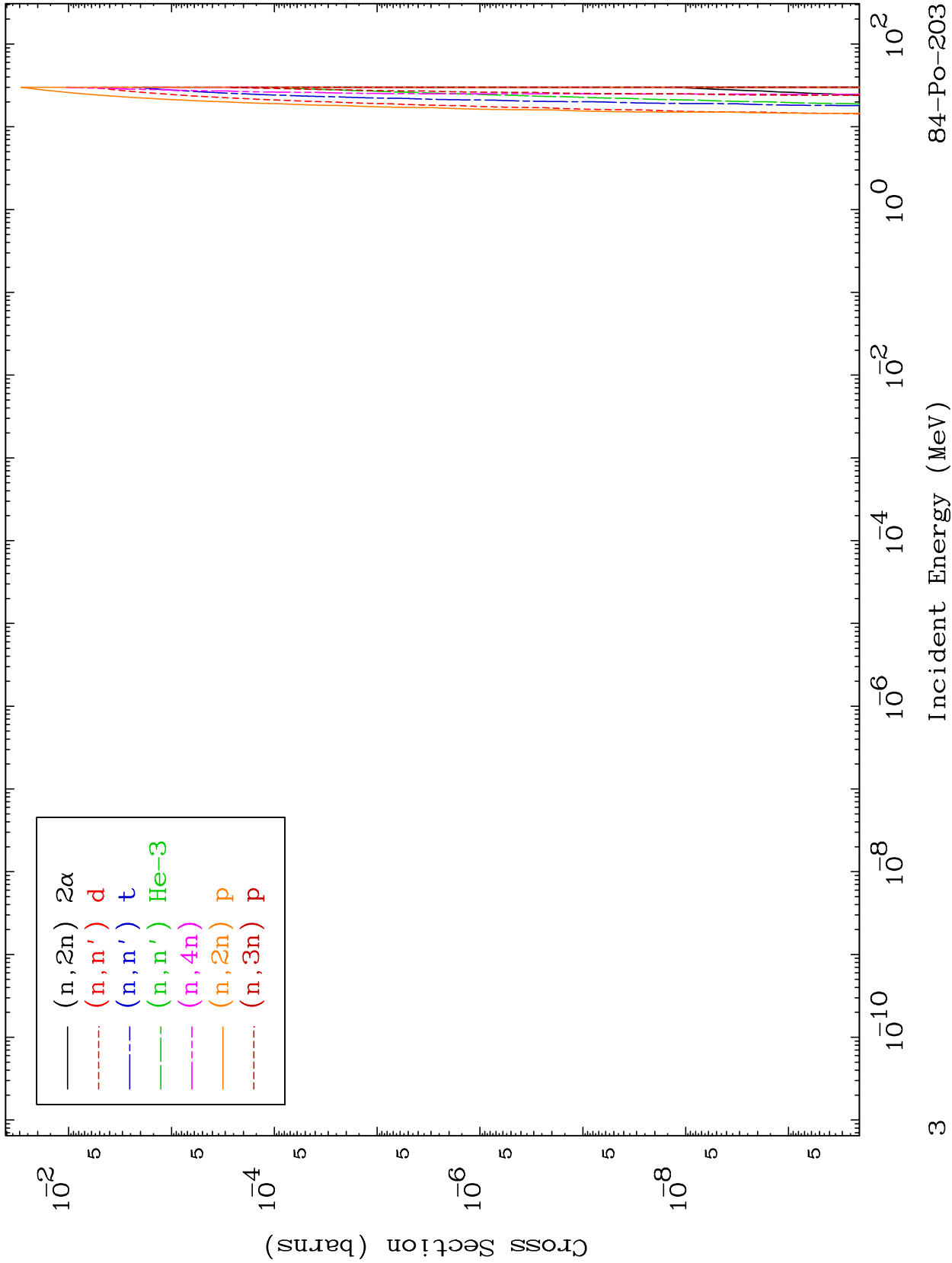
84-Po-203



MAT 8416

Neutron Production  
293 Kelvin Cross Sections

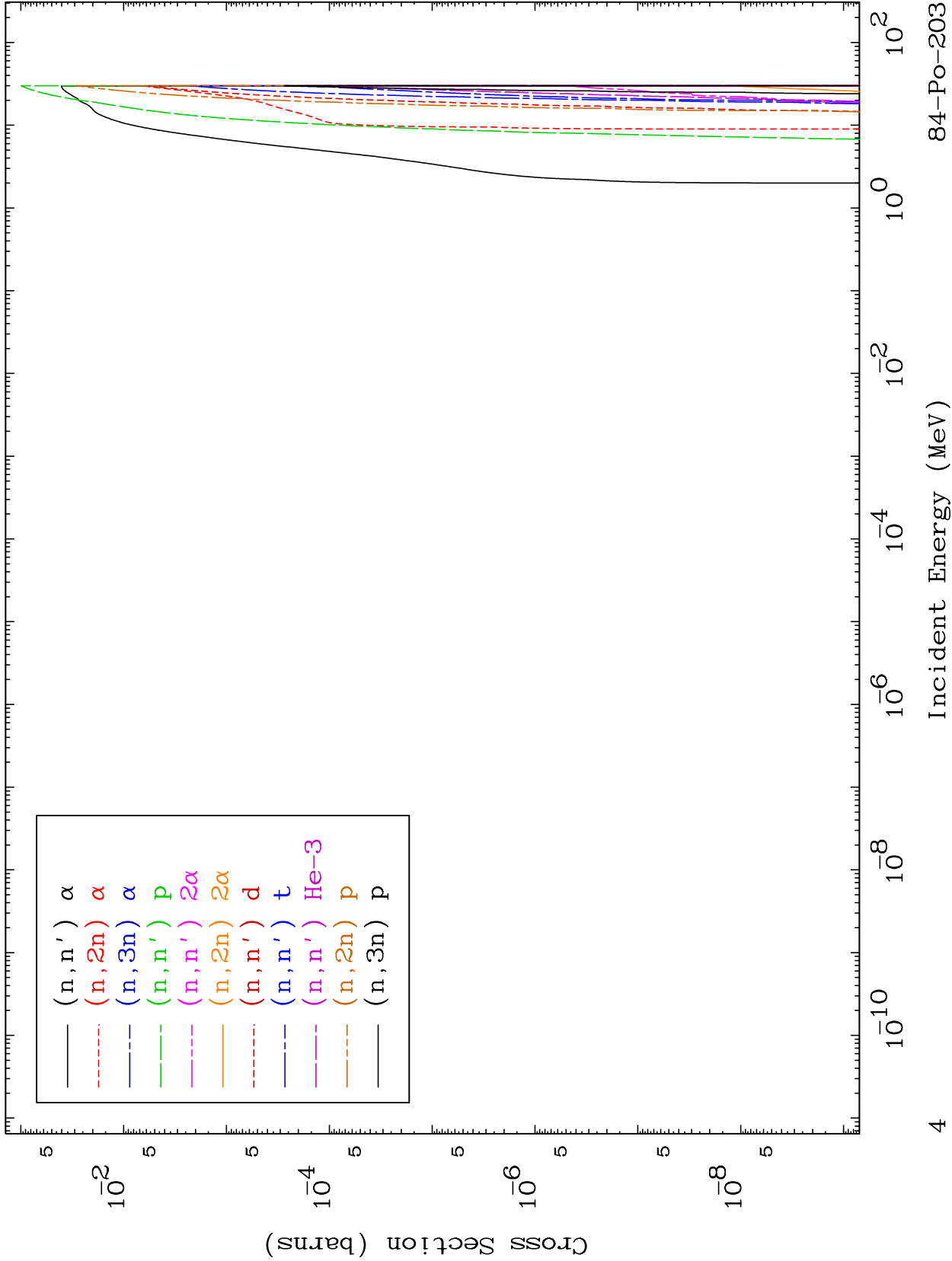
84-Po-203



MAT 8416

Charged Particle  
293 Kelvin Cross Sections

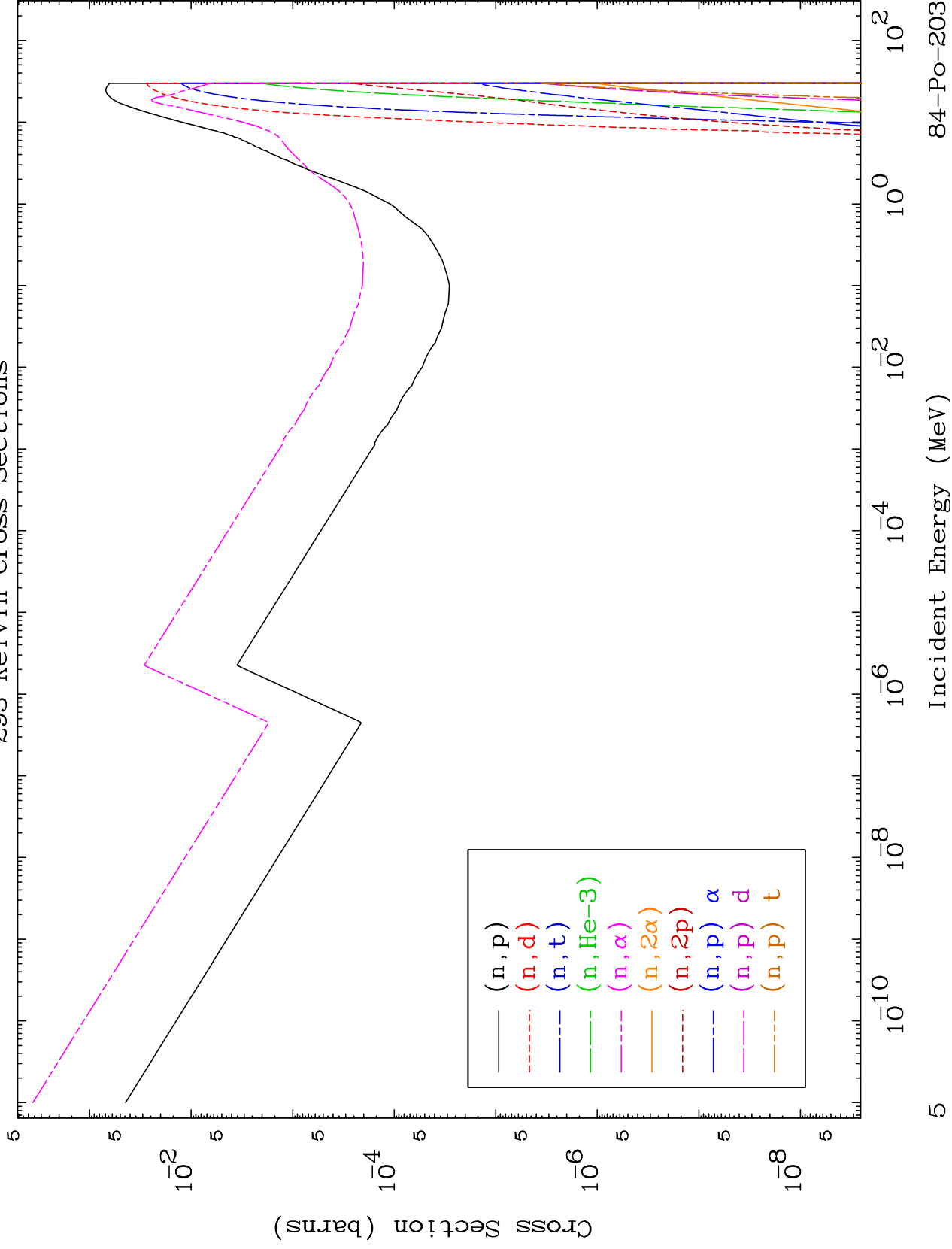
84-Po-203



MAT 8416

Charged Particle  
293 Kelvin Cross Sections

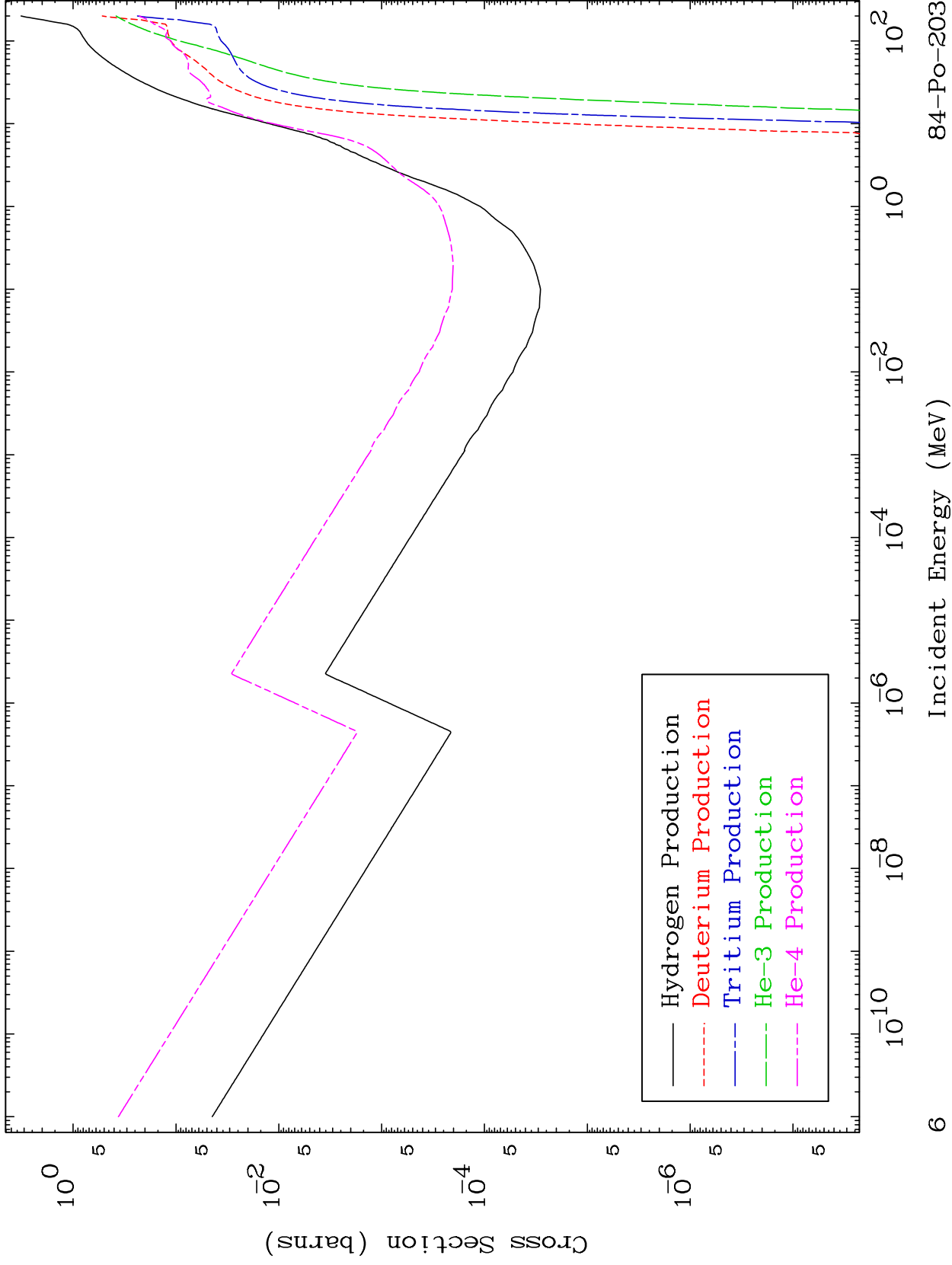
84-Po-203



MAT 8416

Particle Production  
293 Kelvin Cross Sections

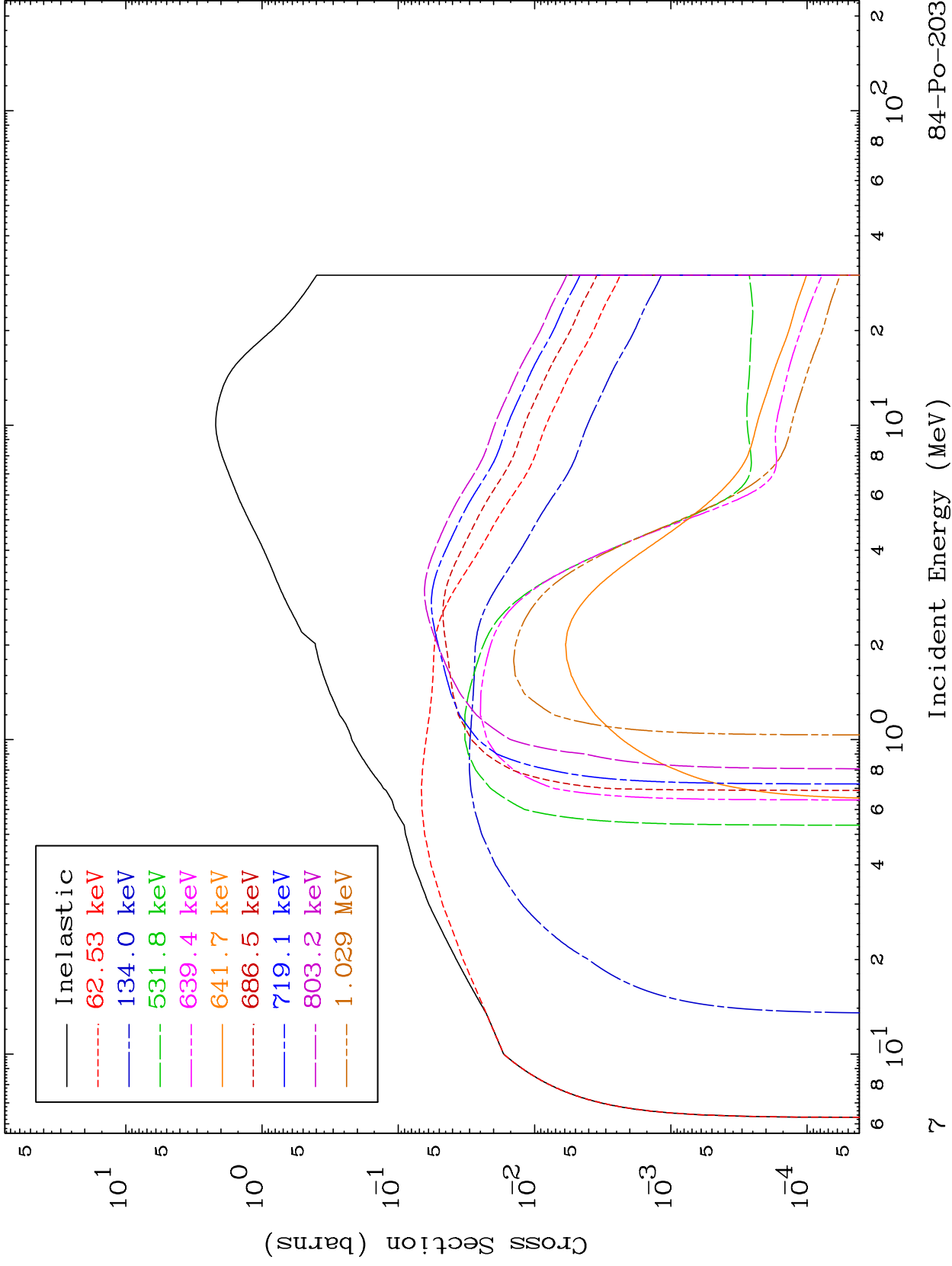
84-Po-203



MAT 8416

(n,n') Level  
293 Kelvin Cross Sections

84-Po-203



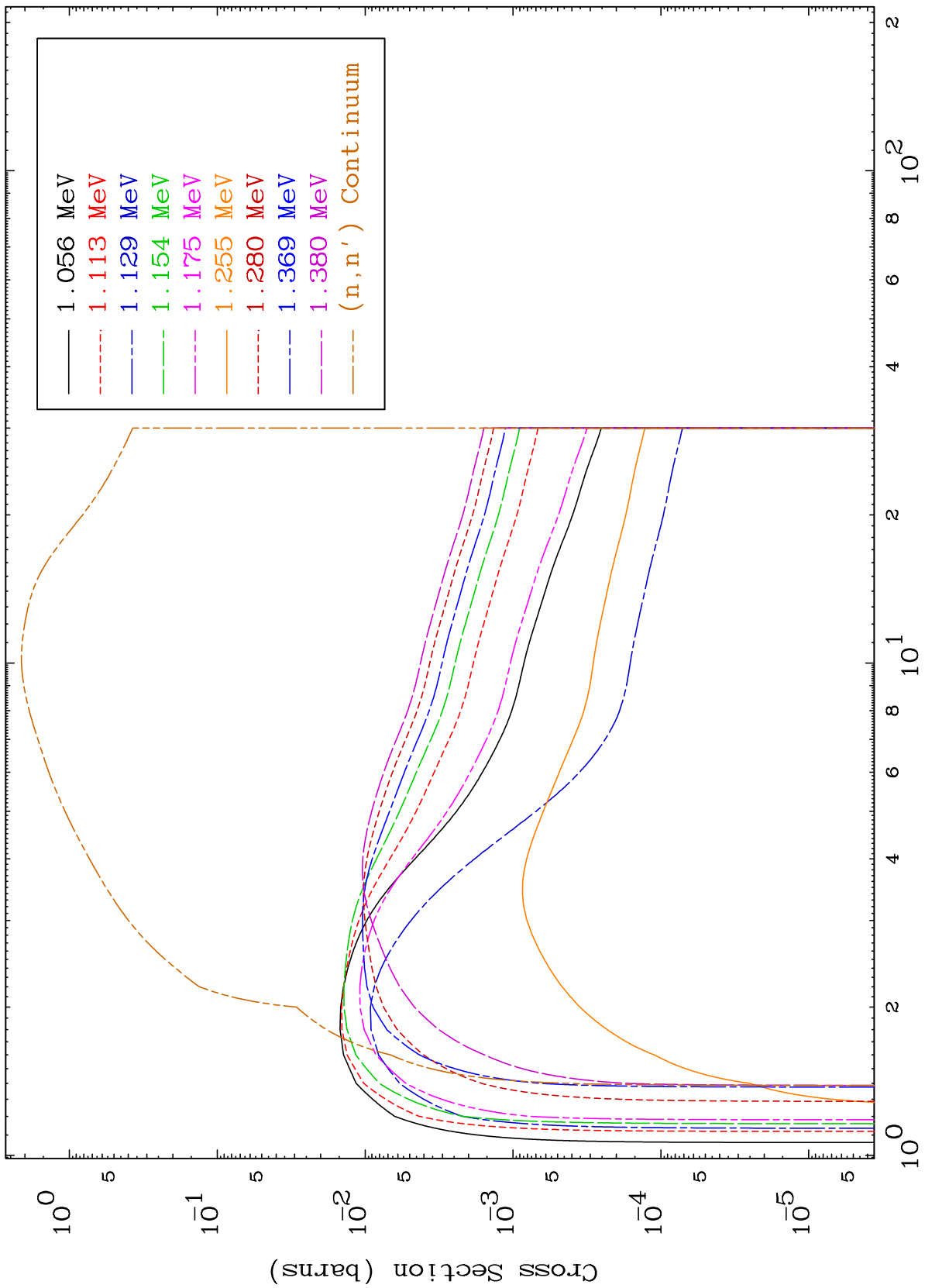


MAT 8416

(n,n') Level

84-Po-203

293 Kelvin Cross Sections



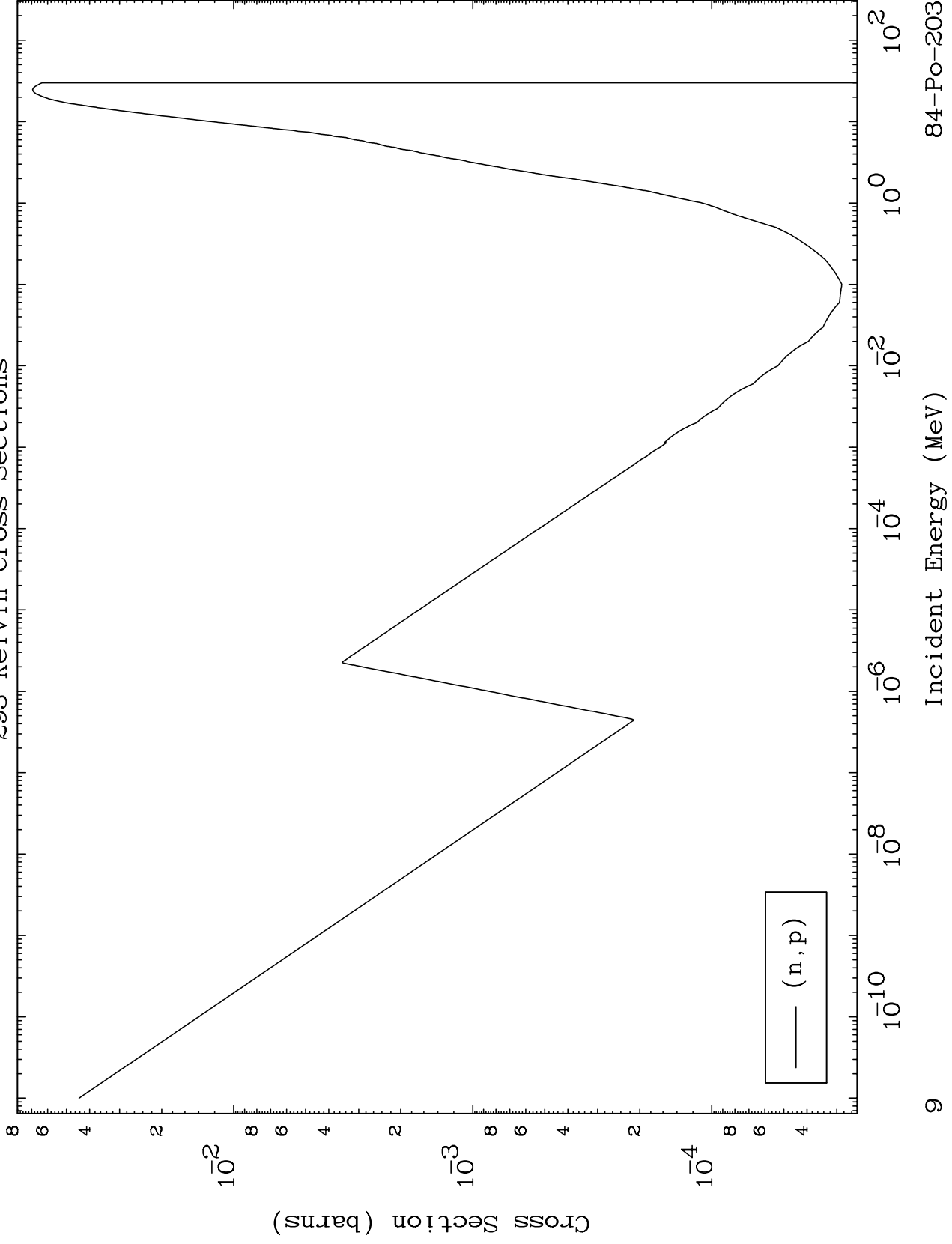
Incident Energy (MeV)

84-Po-203

MAT 8416

(n,p) Levels  
293 Kelvin Cross Sections

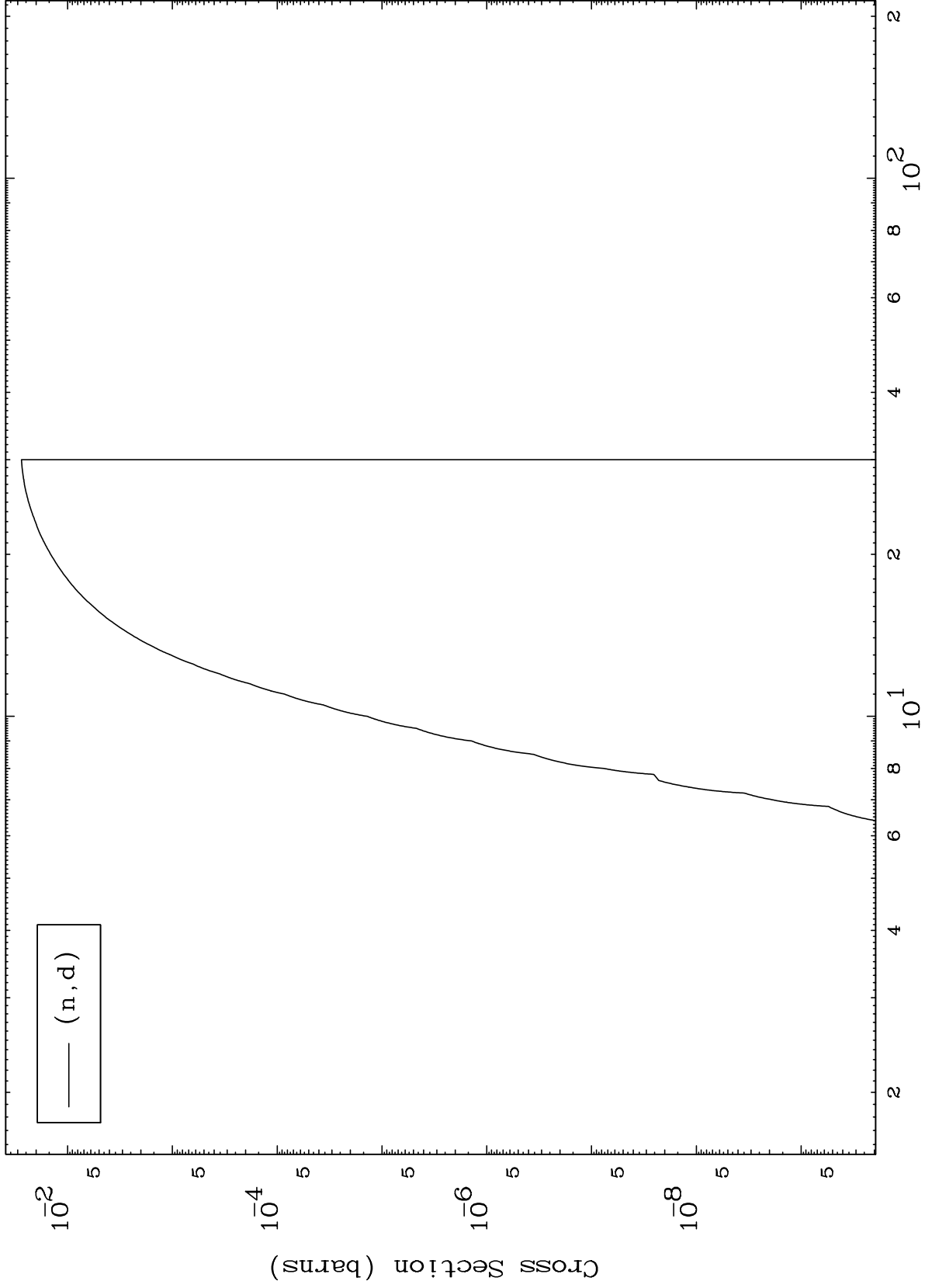
84-Po-203



MAT 8416

(n,d) Levels  
293 Kelvin Cross Sections

84-Po-203



10

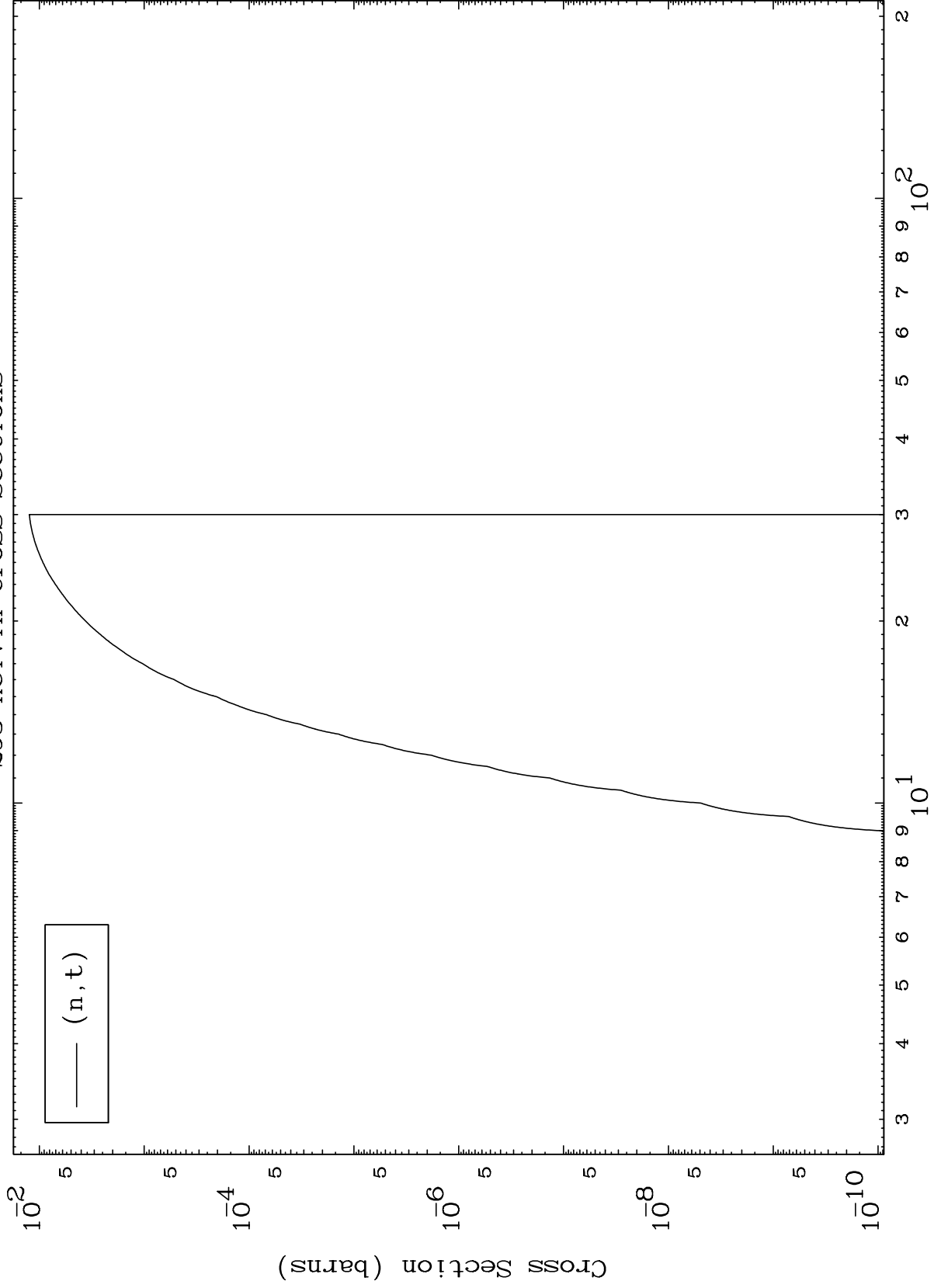
Incident Energy (MeV)

84-Po-203

MAT 8416

(n,t) Levels  
293 Kelvin Cross Sections

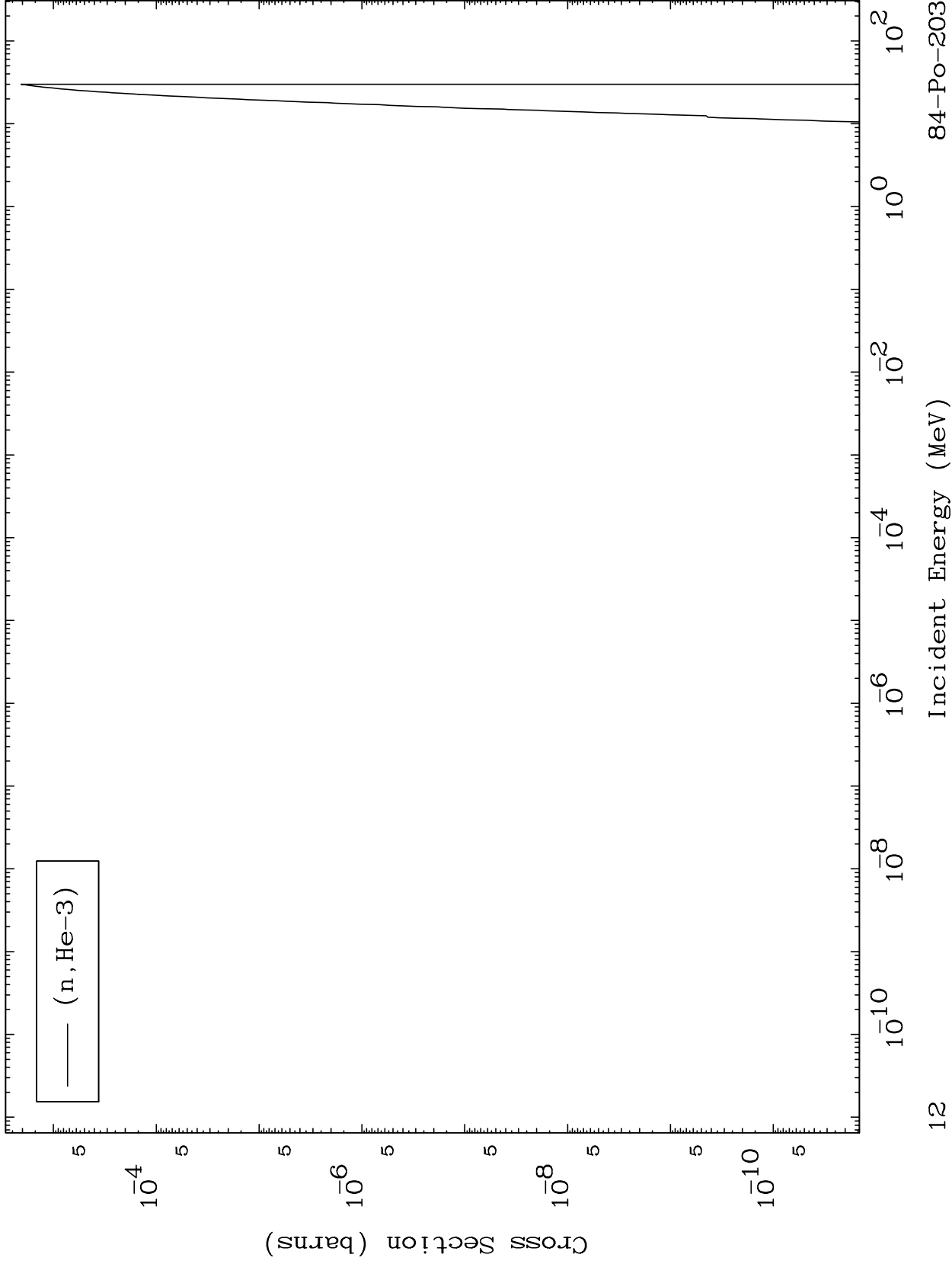
84-Po-203



MAT 8416

(n,He3) Levels  
293 Kelvin Cross Sections

84-Po-203



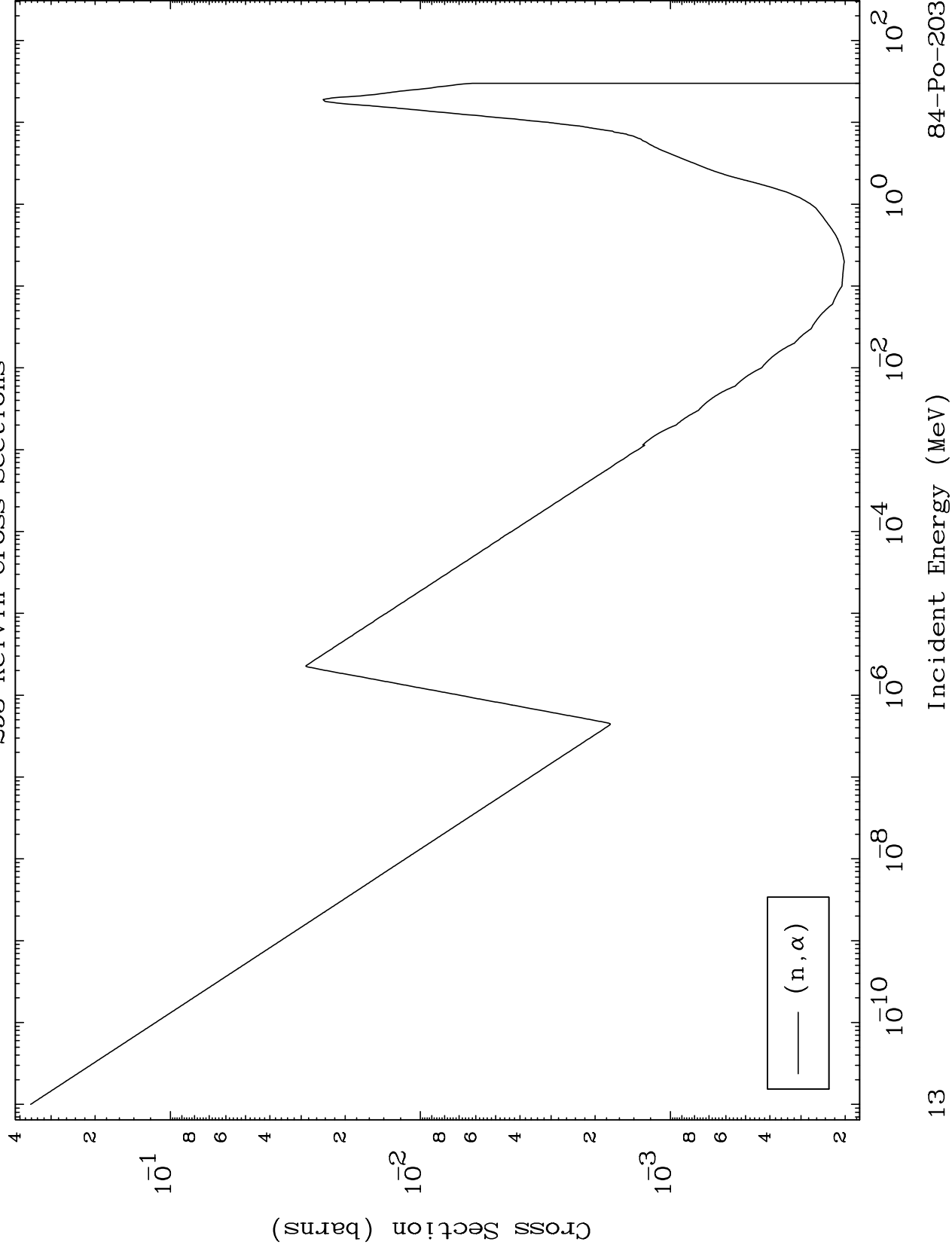
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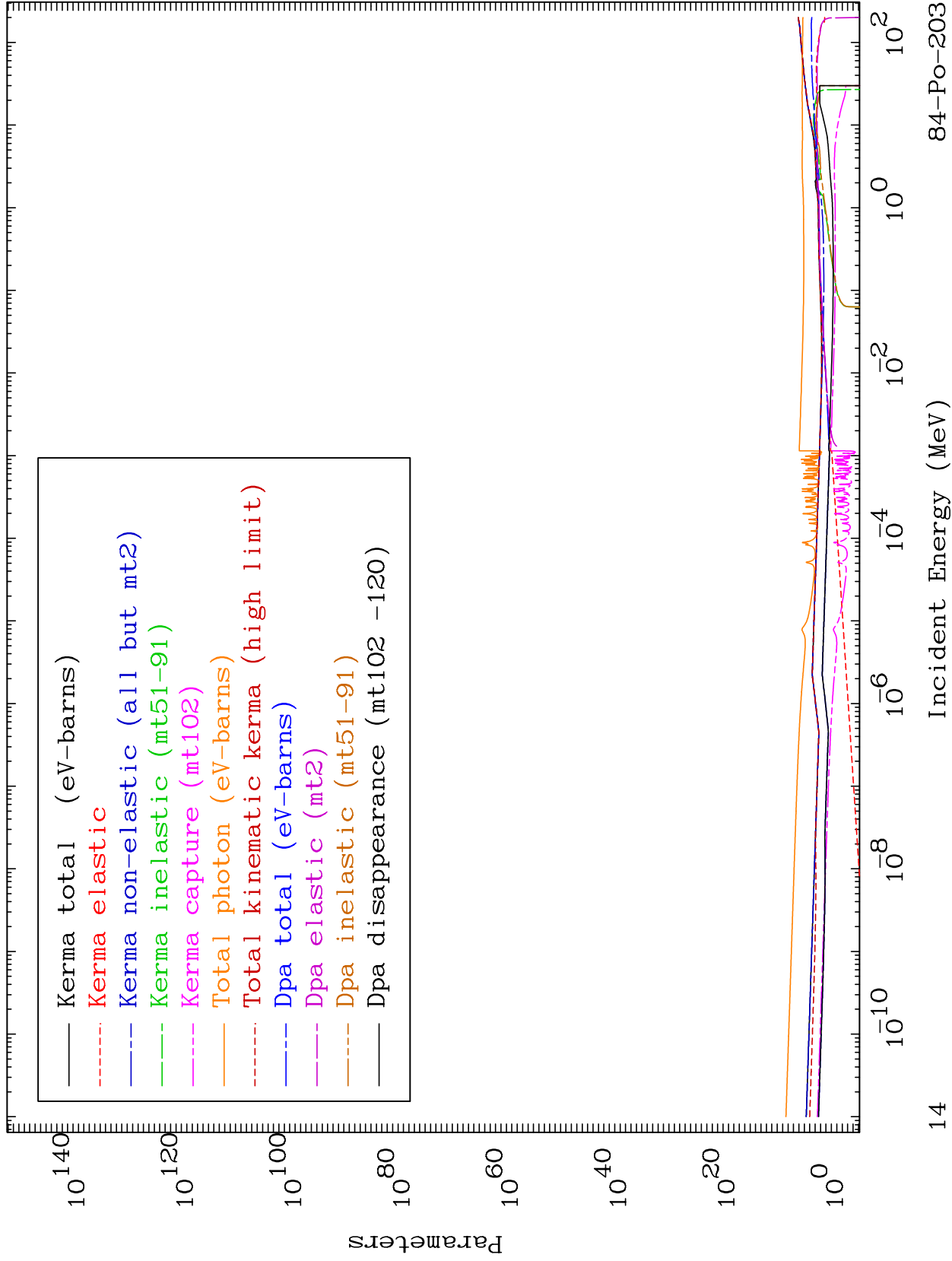
84-Po-203

MAT 8416

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

84-Po-203

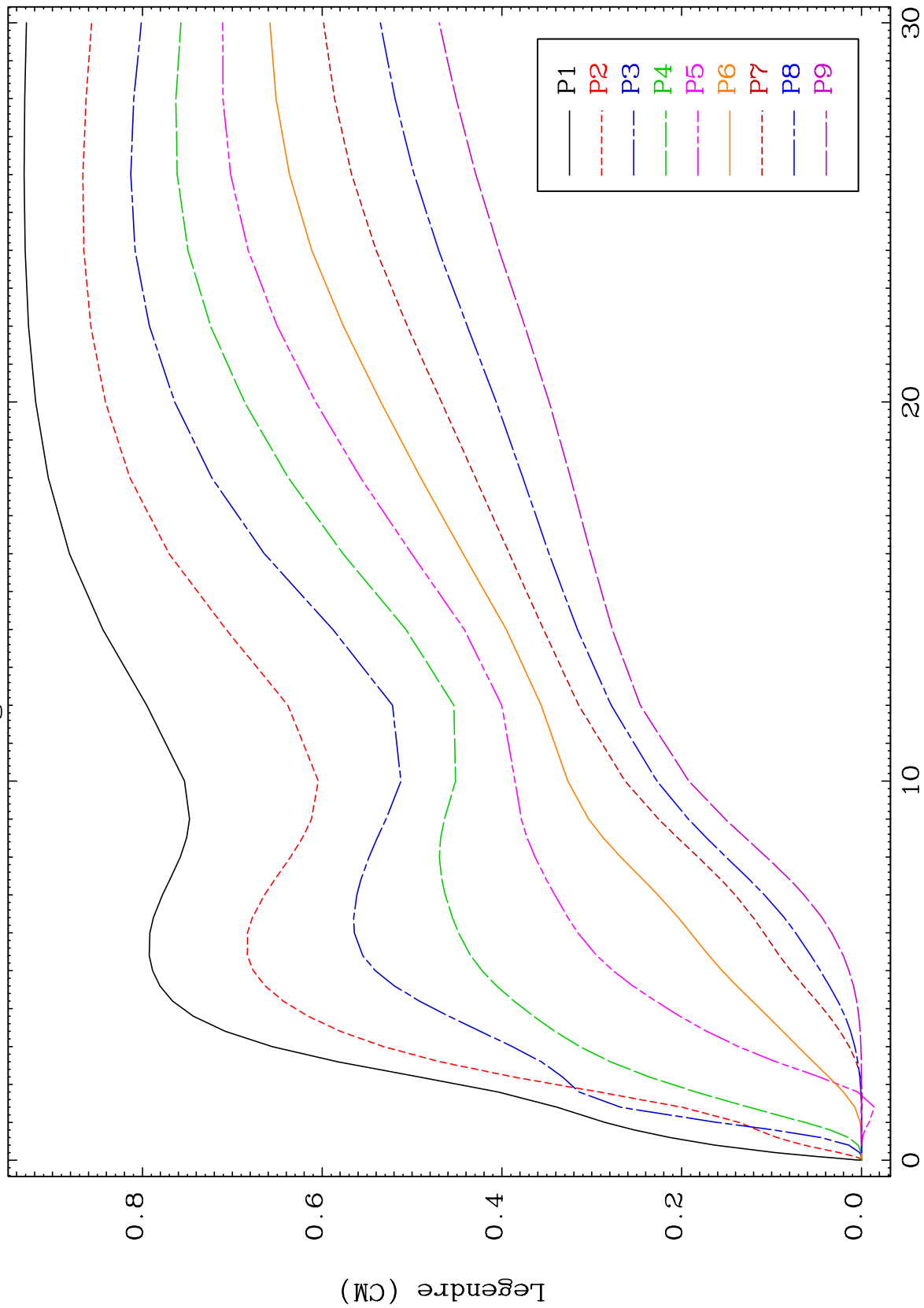




MAT 8416

Elastic Legendre Coefficients

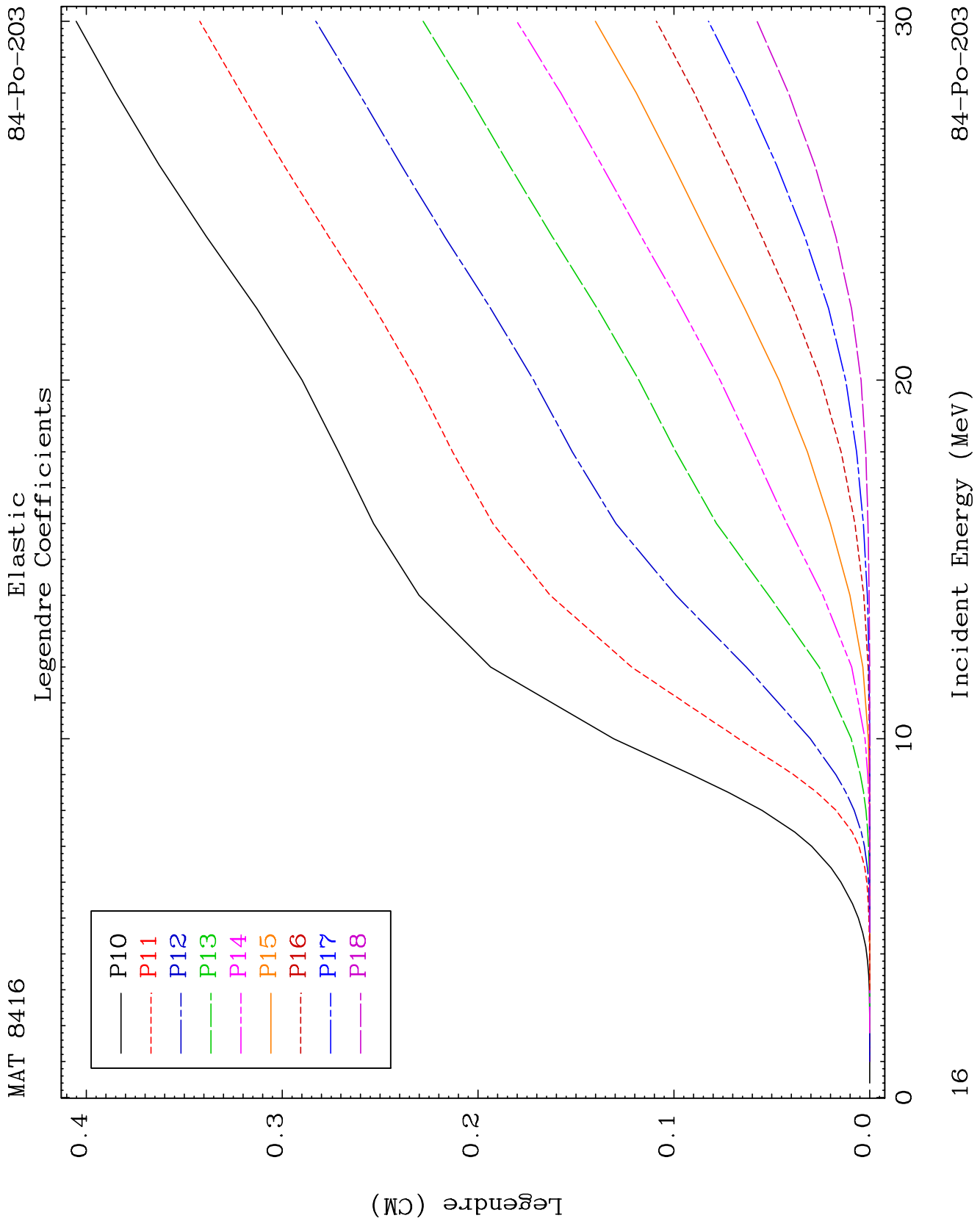
84-Po-203



Incident Energy (MeV)

84-Po-203

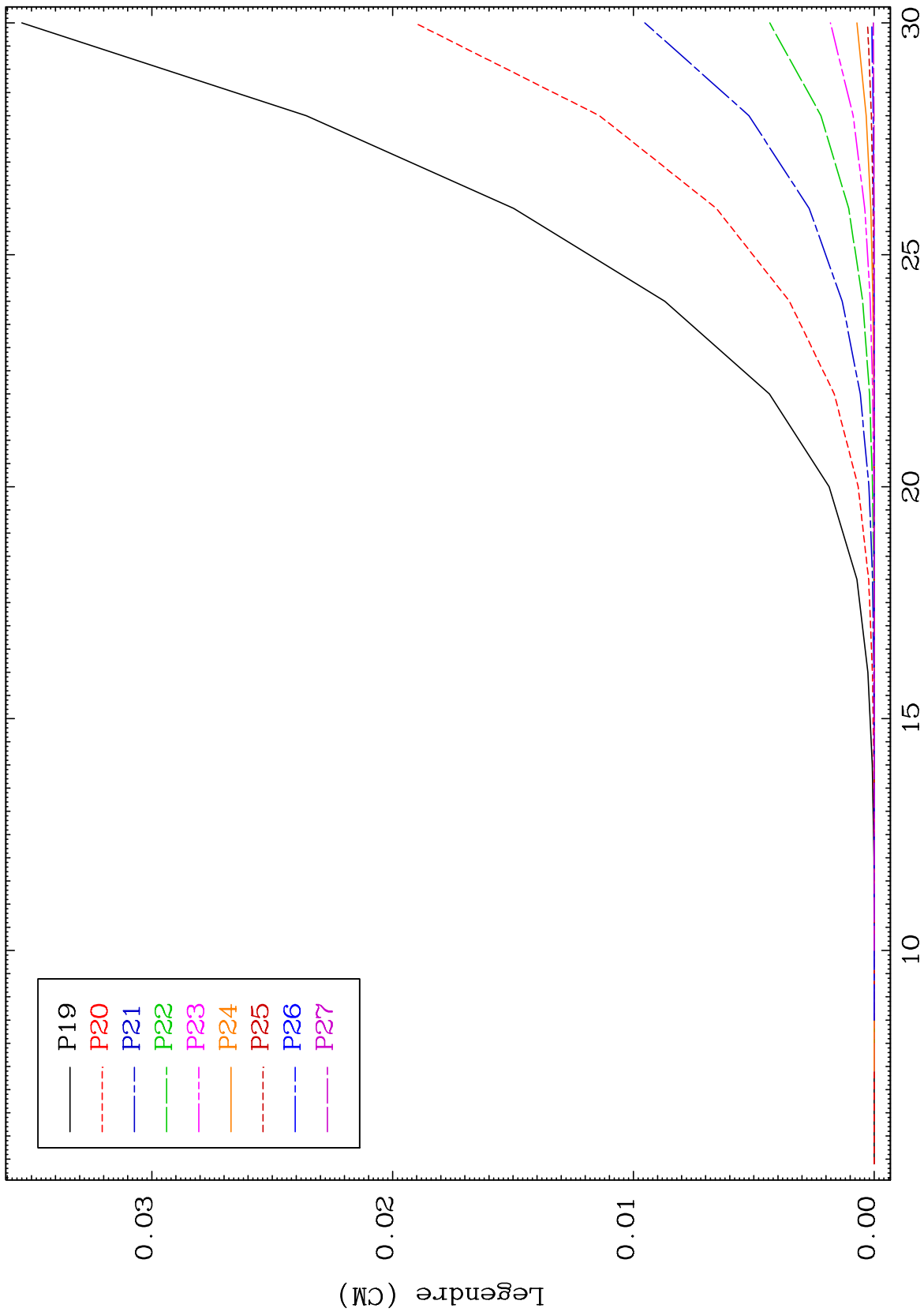




MAT 8416

Elastic  
Legendre Coefficients

84-Po-203



17

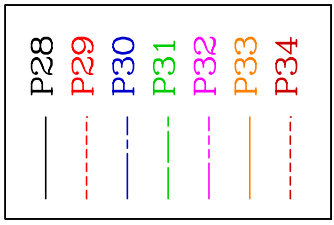
Incident Energy (MeV)

84-Po-203

MAT 8416

Elastic Legendre Coefficients

84-Po-203



$\times 10^{-5}$   
1.2

1.0

Legendre (CM)

0.8

0.6

0.4

0.2

0.0

15

20

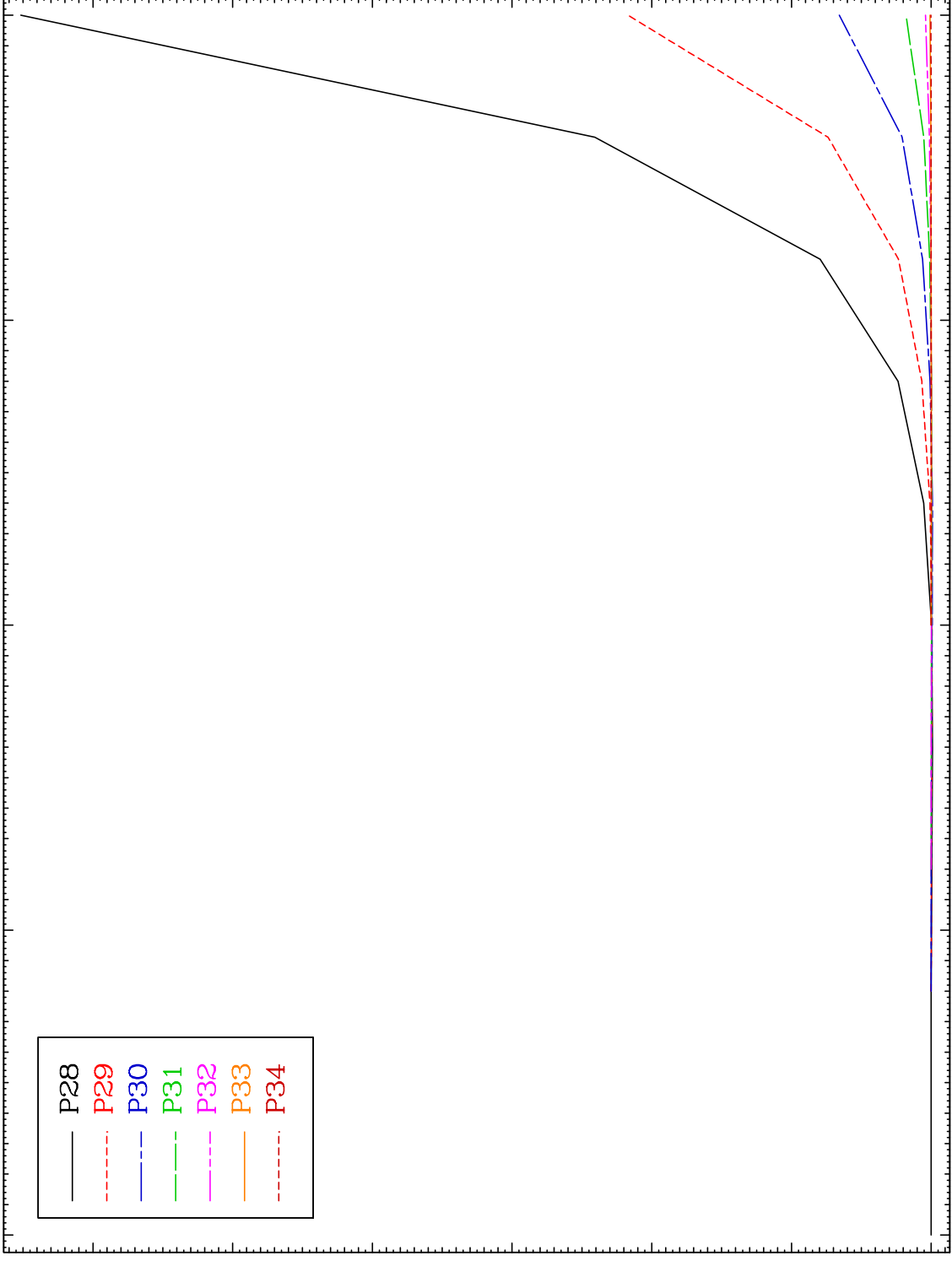
25

30

18

Incident Energy (MeV)

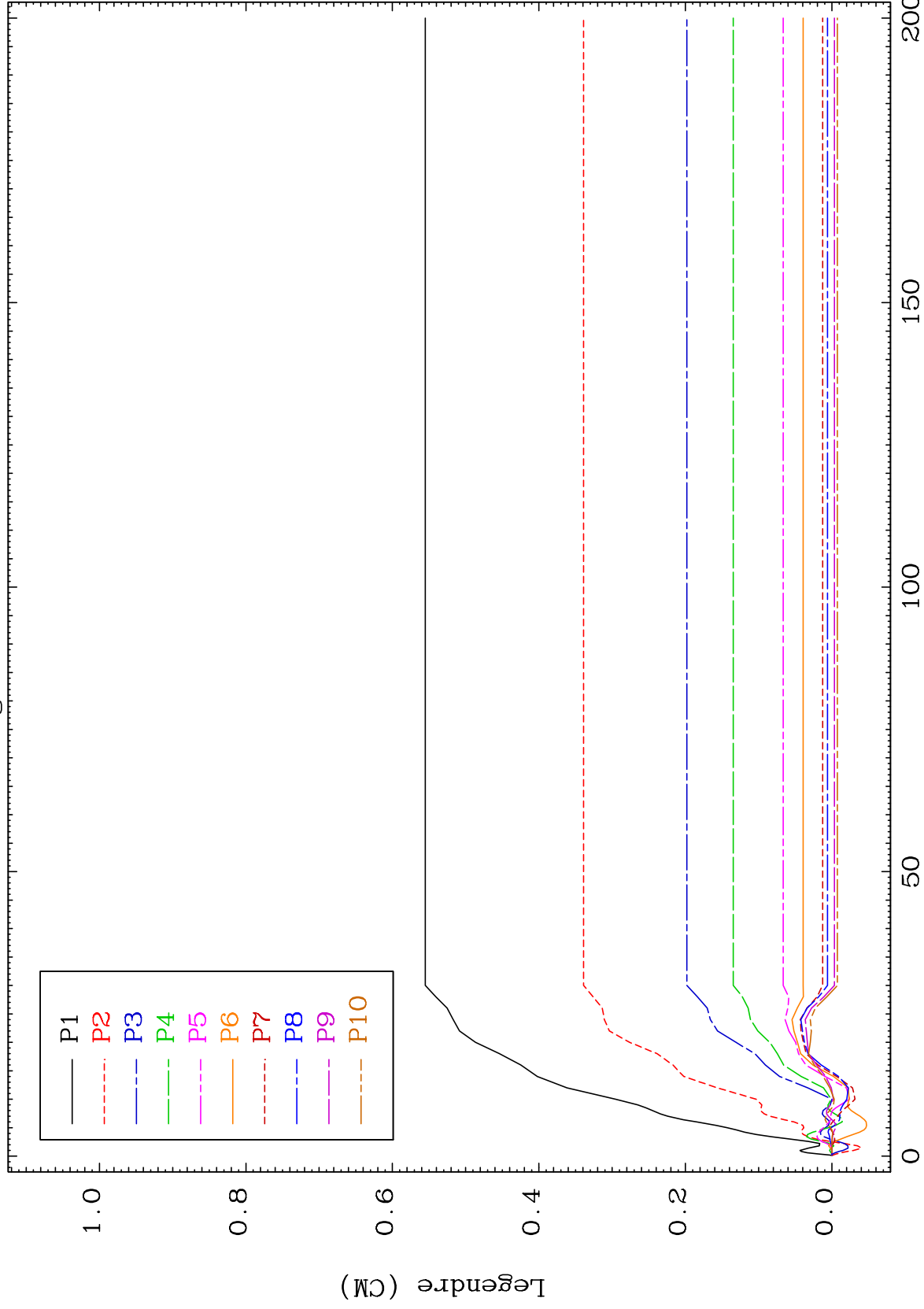
84-Po-203



MAT 8416

62.53 keV (n, n') Level  
Legendre Coefficients

84-Po-203



19

Incident Energy (MeV)

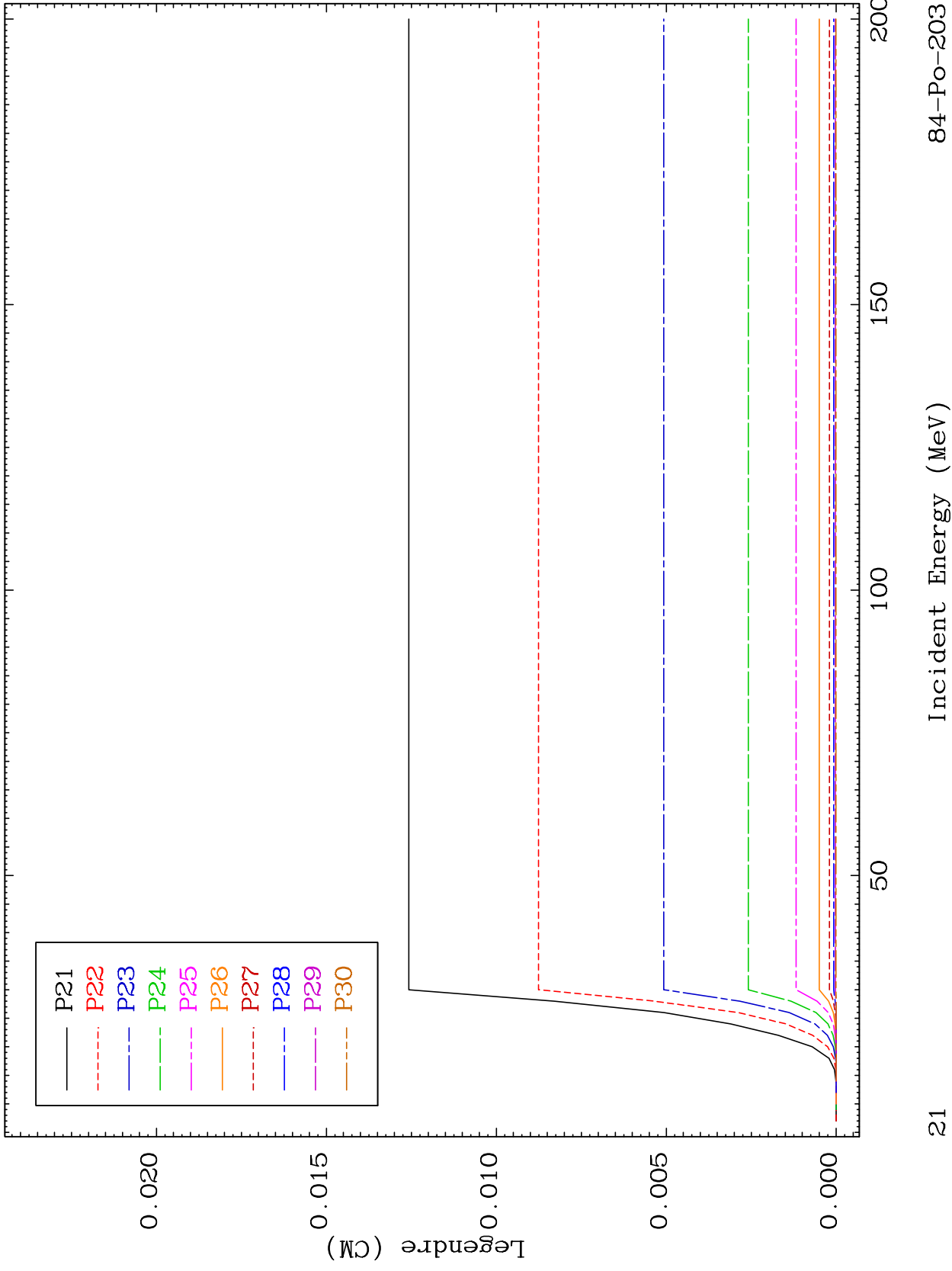
84-Po-203



MAT 8416

62.53 keV (n,n') Level  
Legendre Coefficients

84-Po-203



21

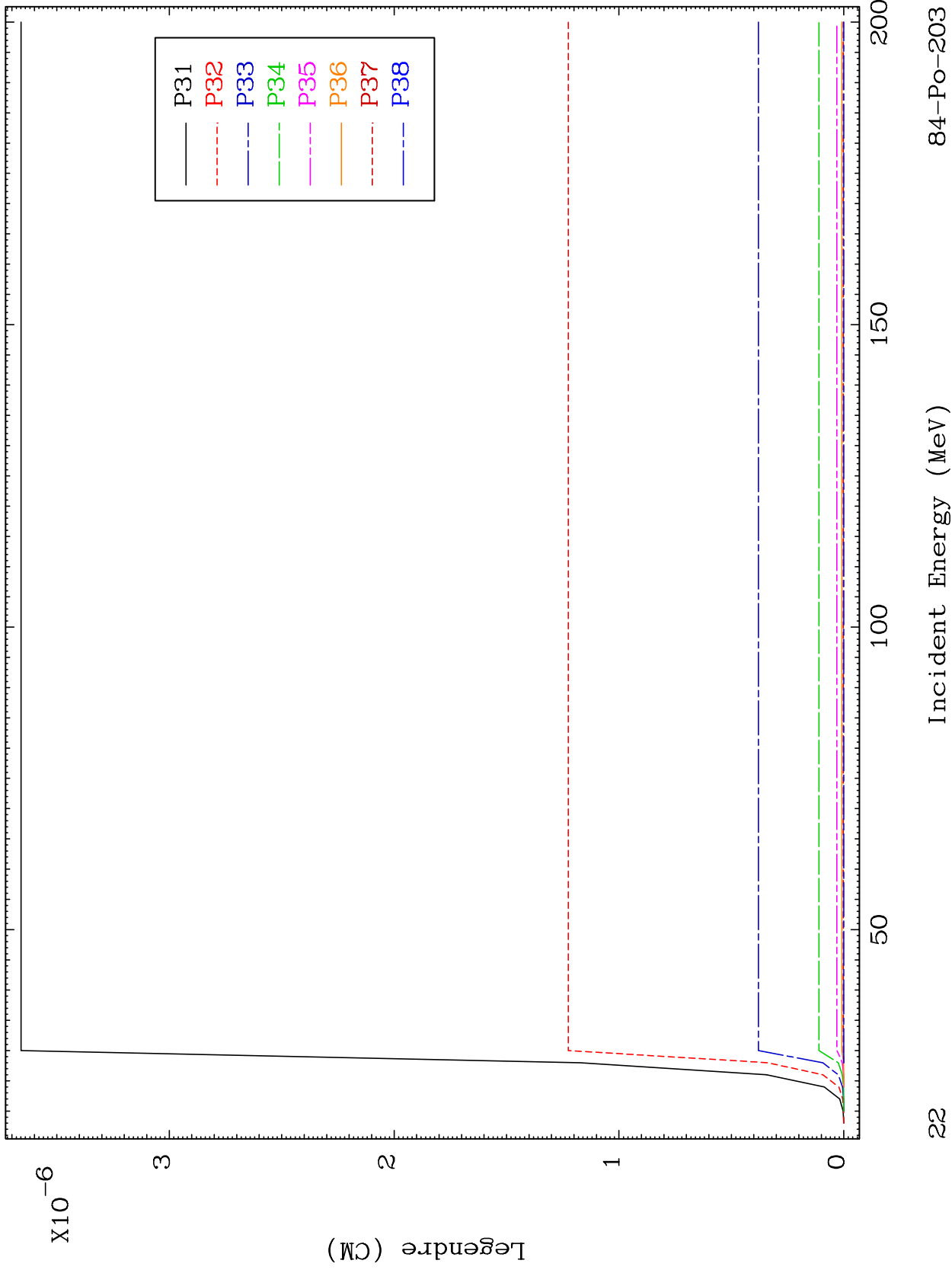
Incident Energy (MeV)

84-Po-203

MAT 8416

62.53 keV (n,n') Level  
Legendre Coefficients

84-Po-203



22

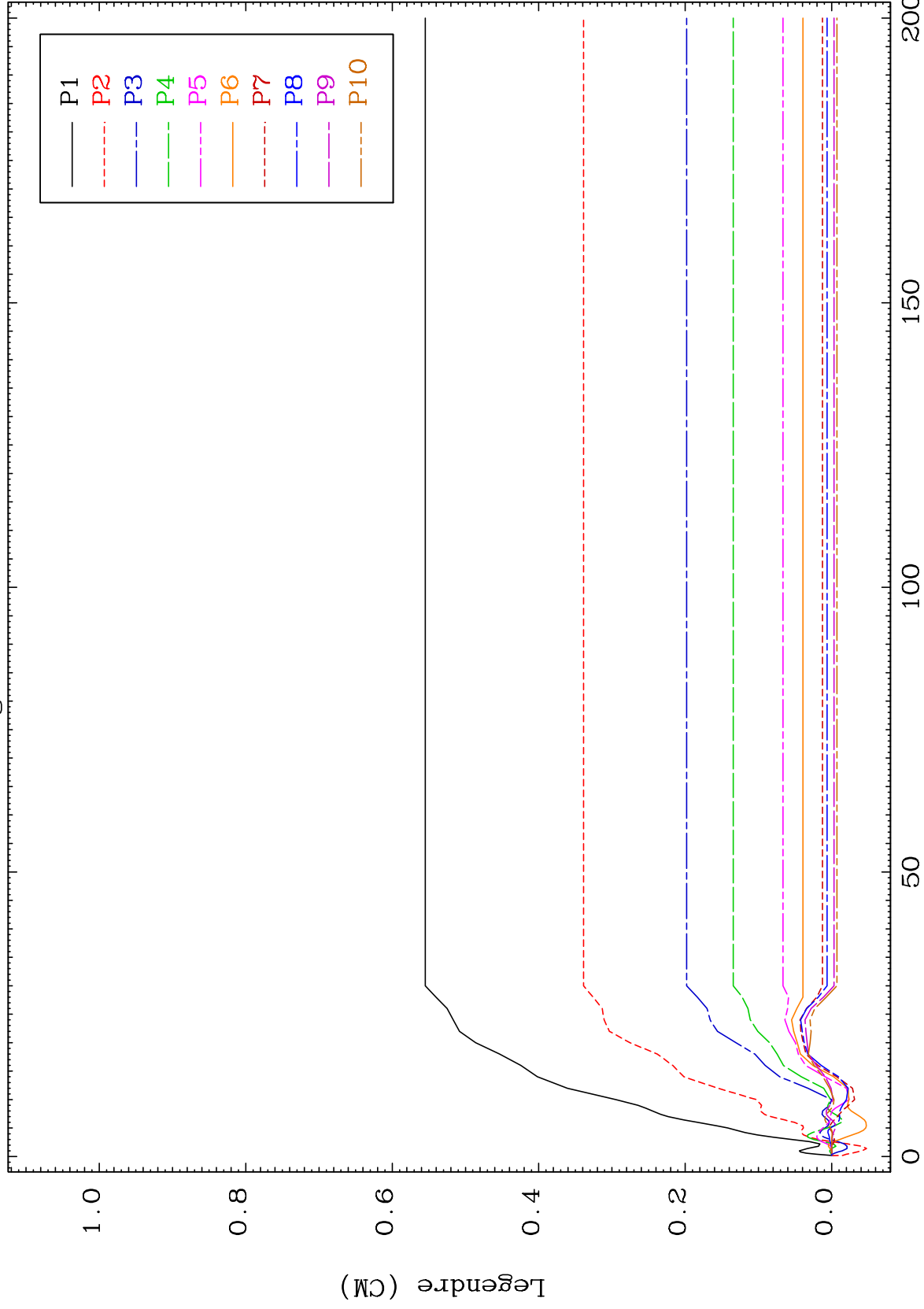
Incident Energy (MeV)

84-Po-203

MAT 8416

134.0 keV (n,n') Level  
Legendre Coefficients

84-Po-203



23

Incident Energy (MeV)

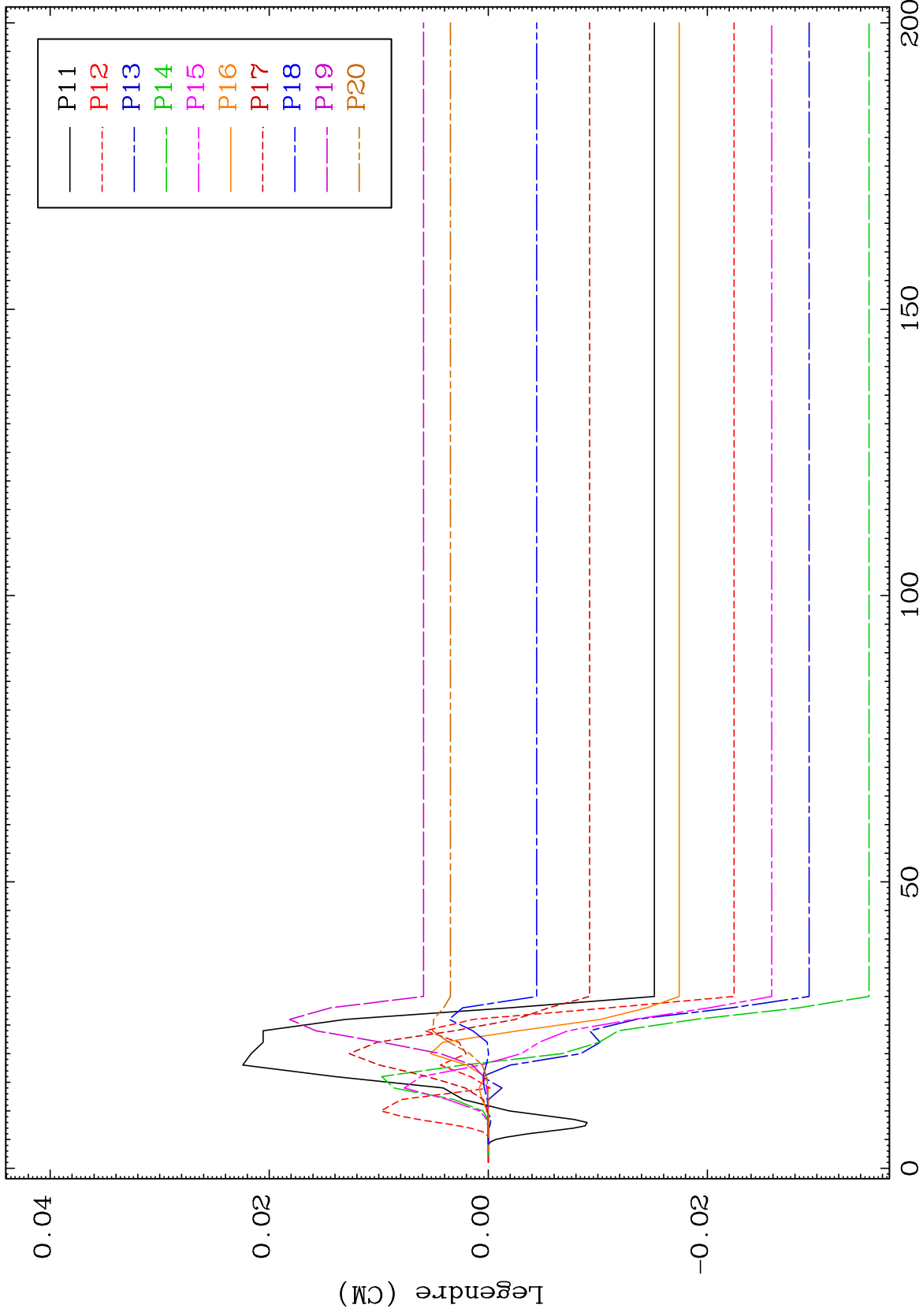
84-Po-203



MAT 8416

134.0 keV (n,n') Level  
Legendre Coefficients

84-Po-203



24

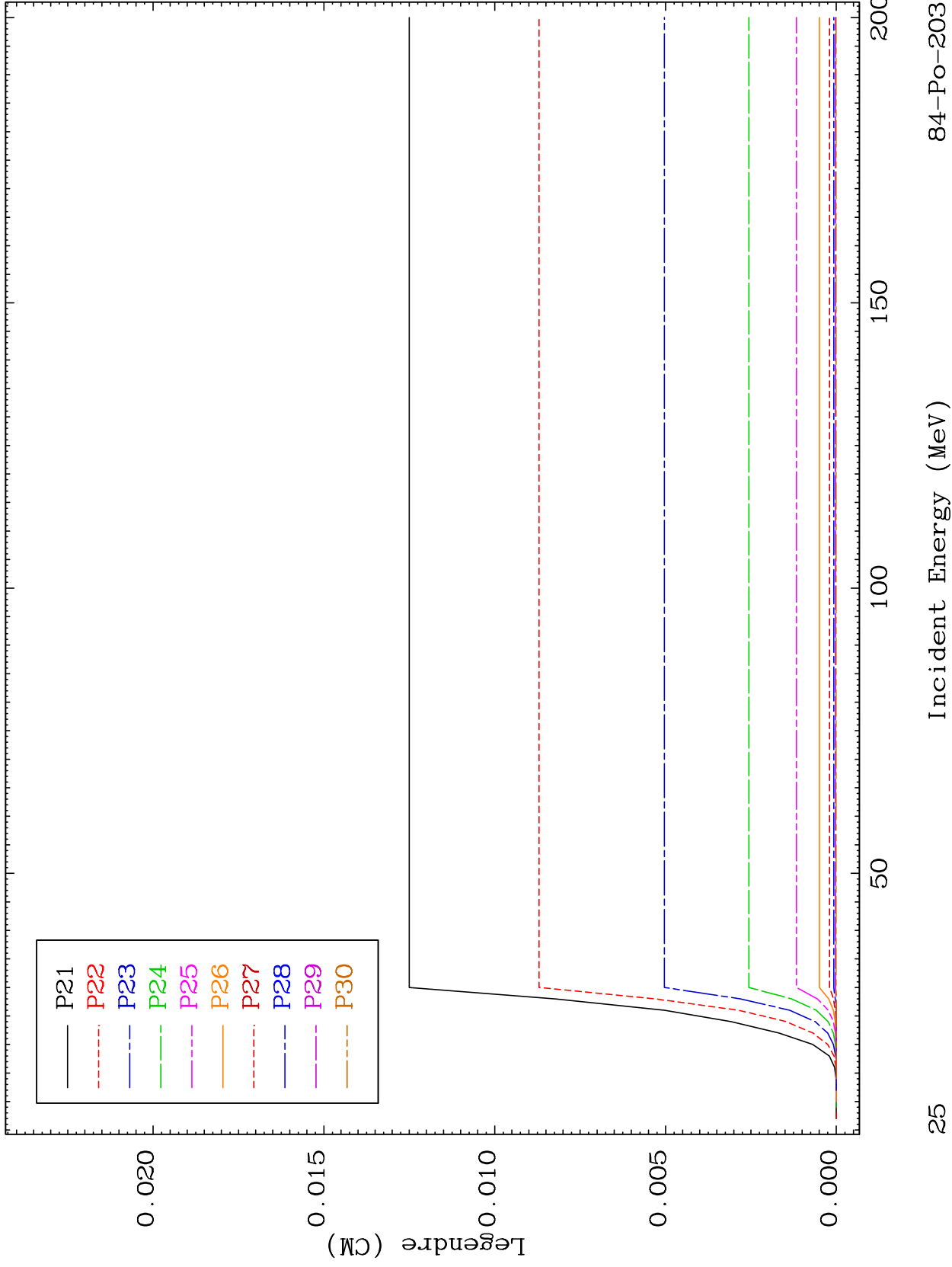
Incident Energy (MeV)

84-Po-203

MAT 8416

134.0 keV (n,n') Level  
Legendre Coefficients

84-Po-203



25

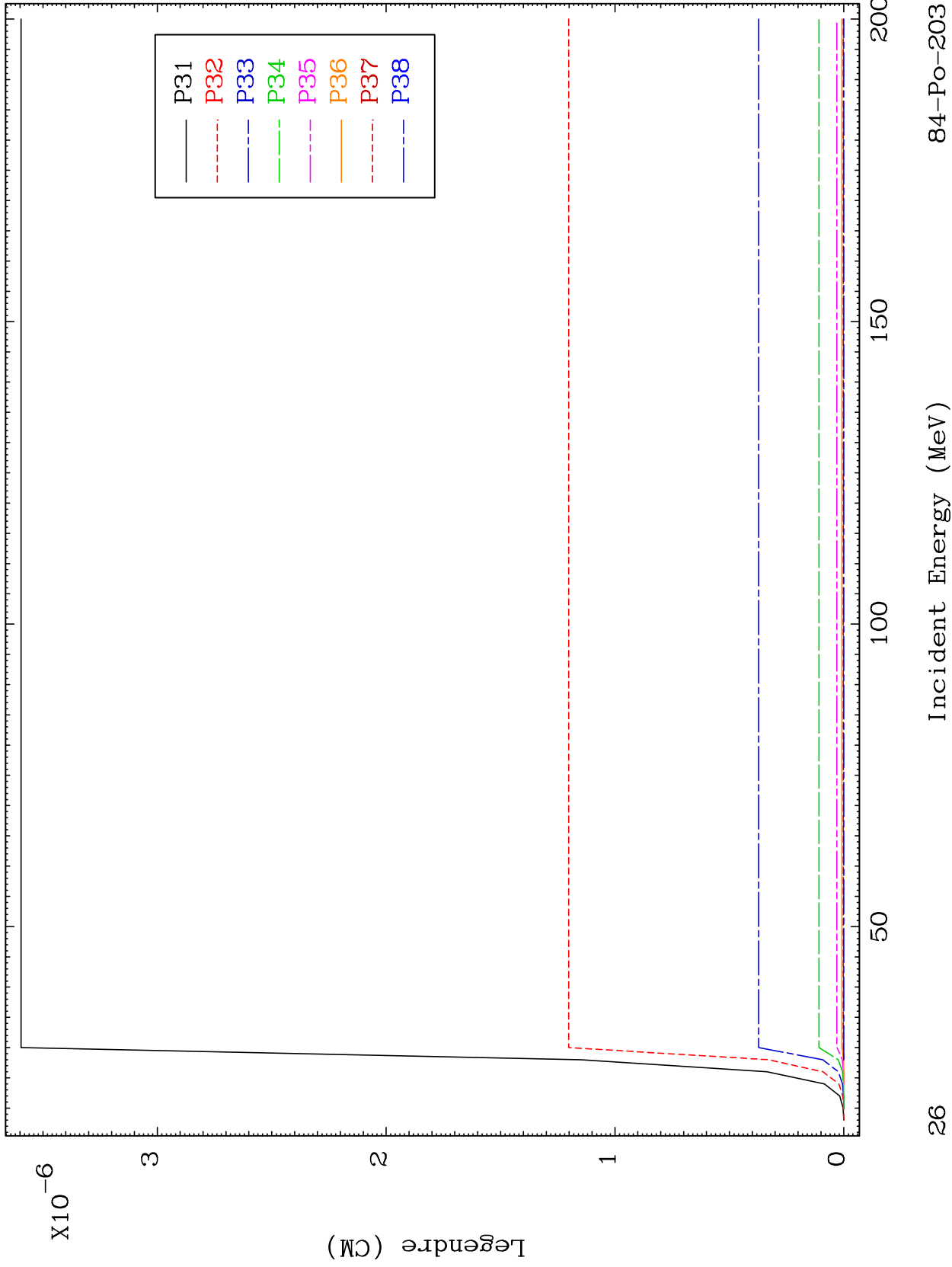
Incident Energy (MeV)

84-Po-203

MAT 8416

134.0 keV (n,n') Level  
Legendre Coefficients

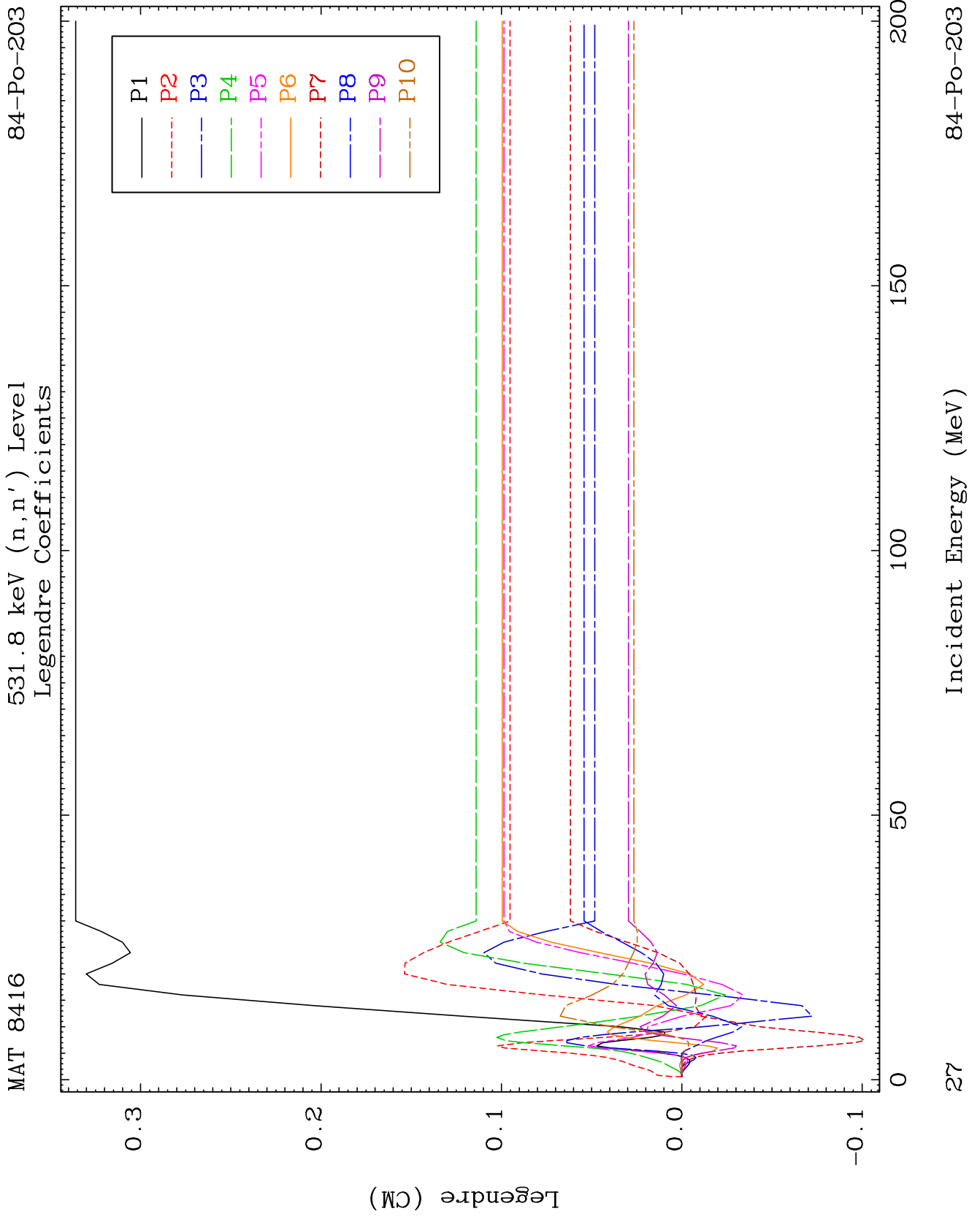
84-Po-203

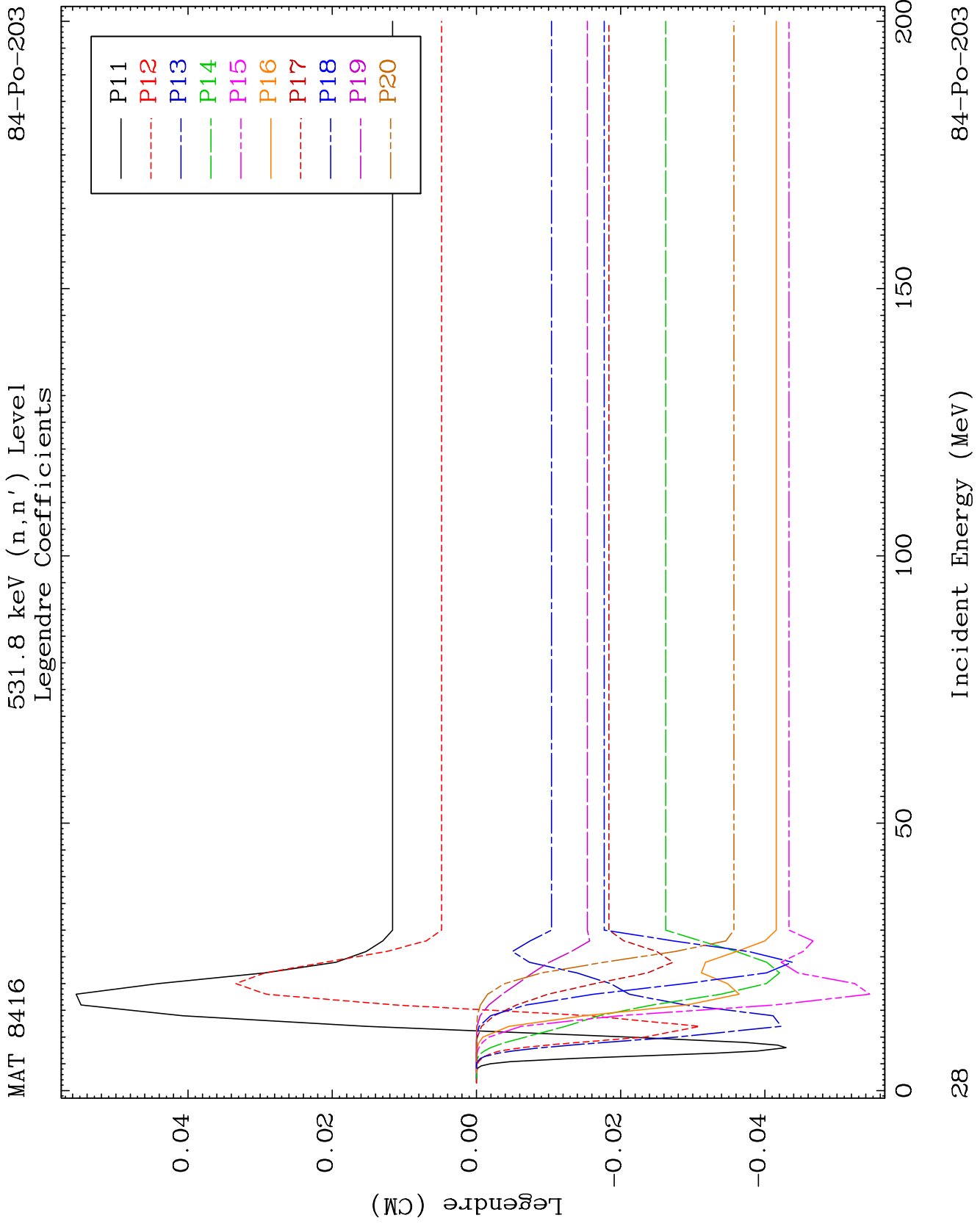


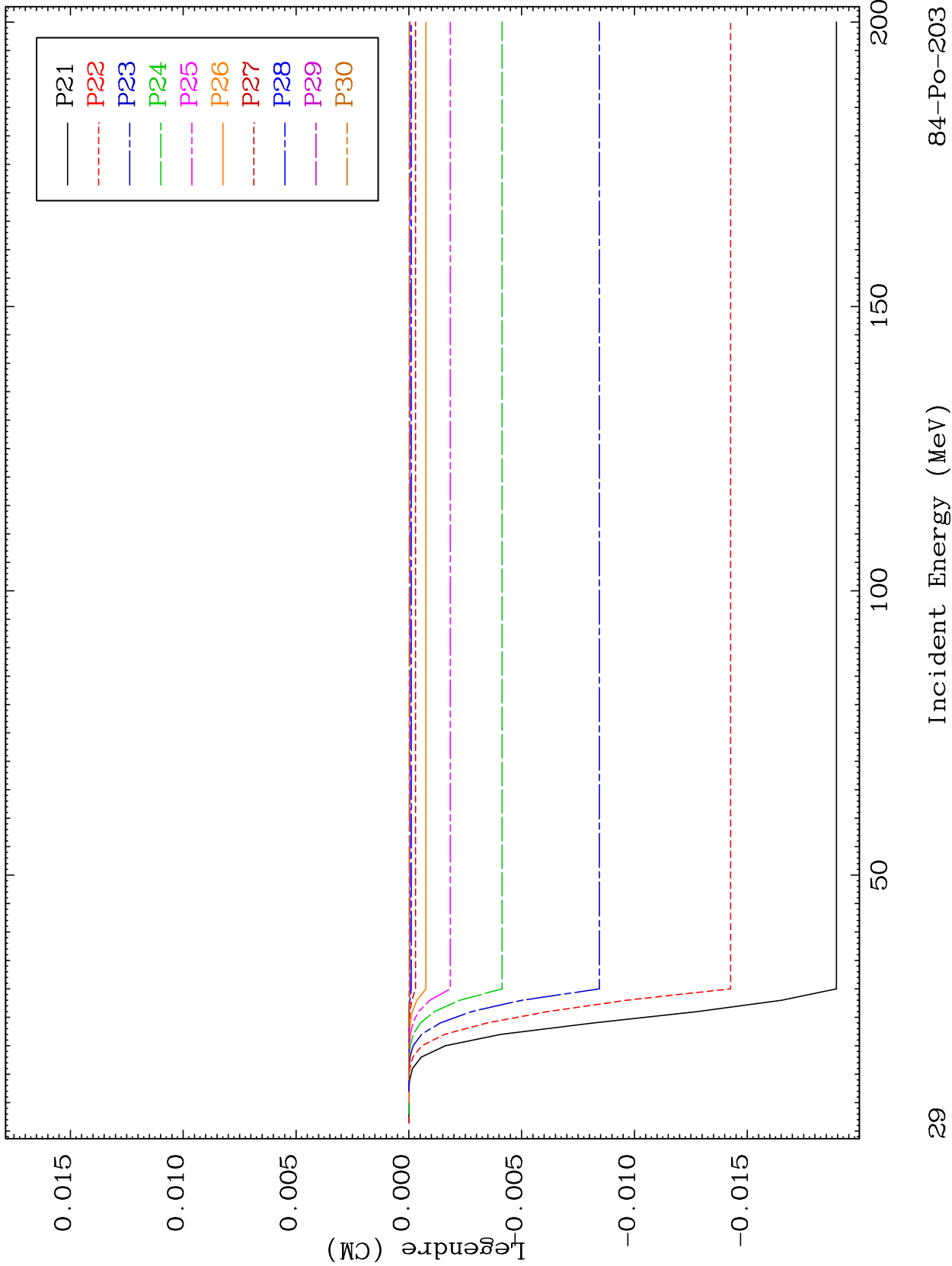
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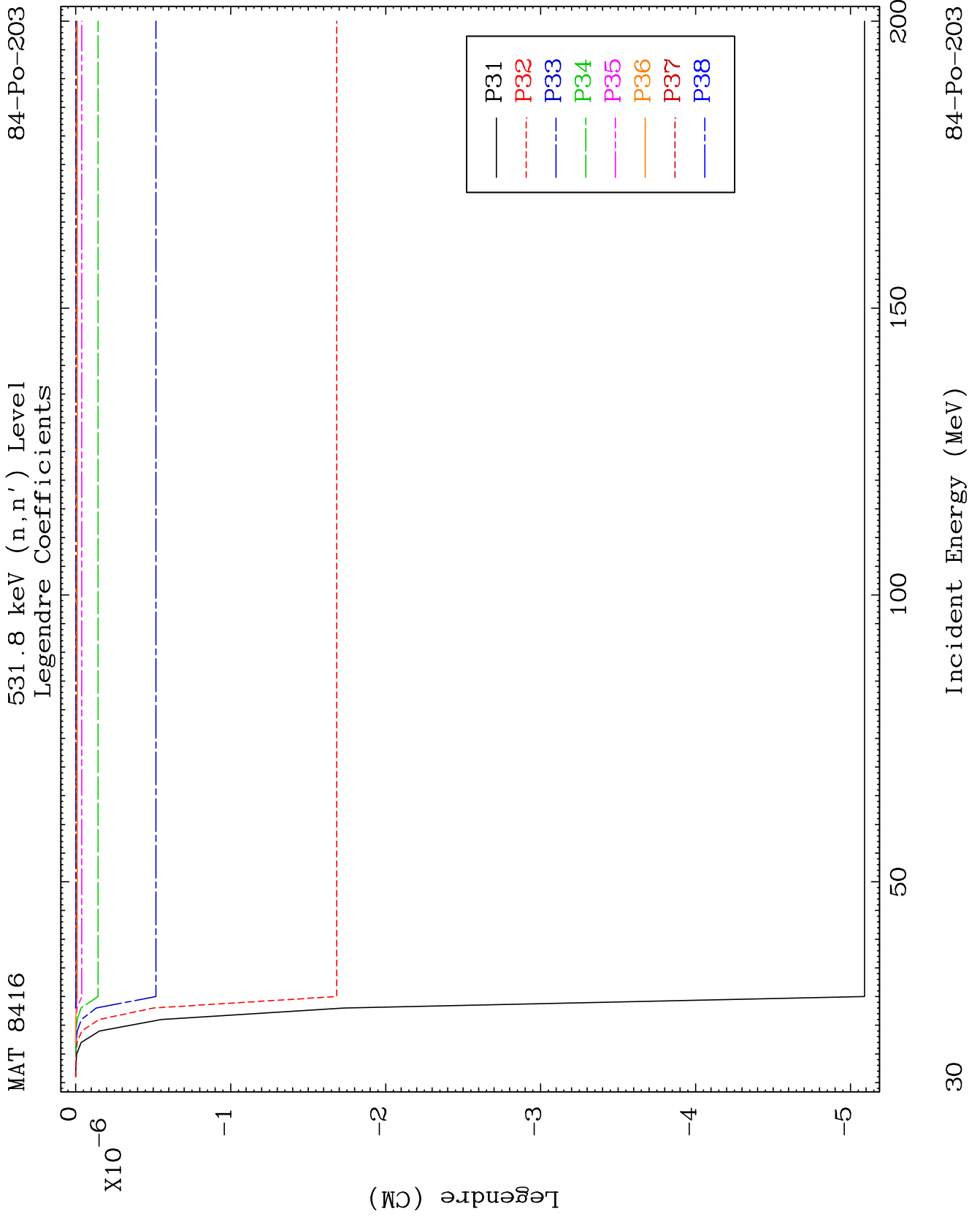
Incident Energy (MeV)

84-Po-203









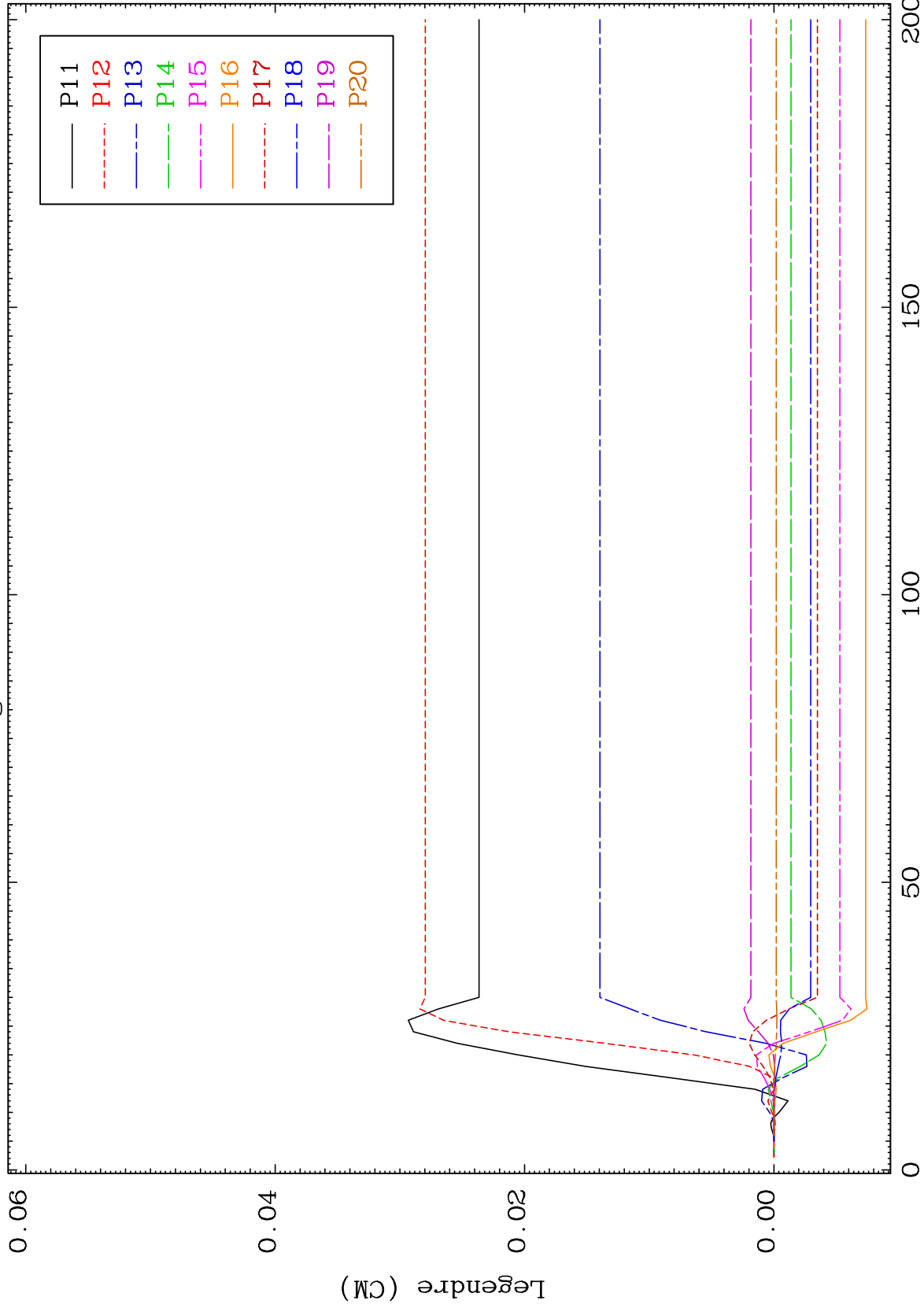




MAT 8416

639.4 keV (n,n') Level  
Legendre Coefficients

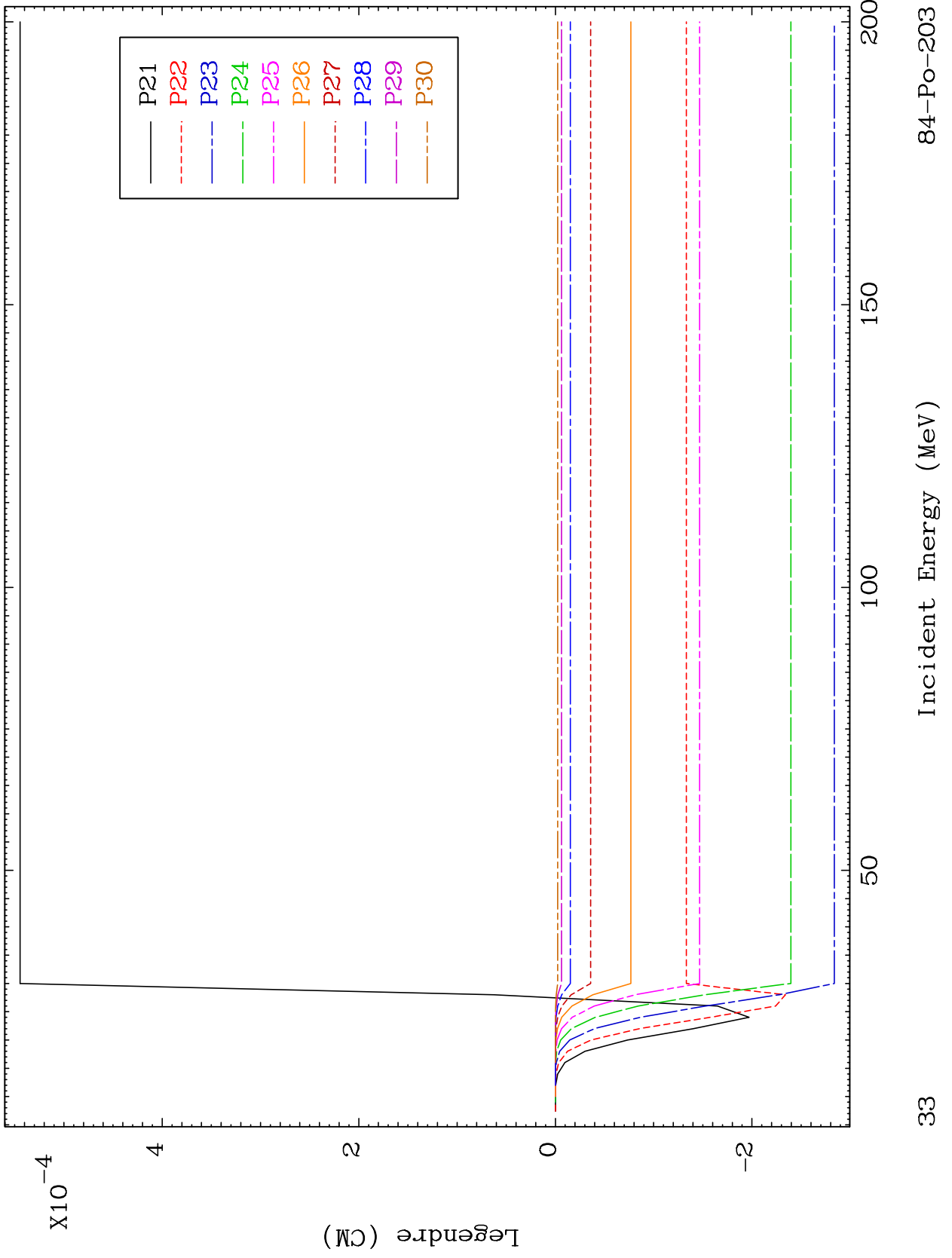
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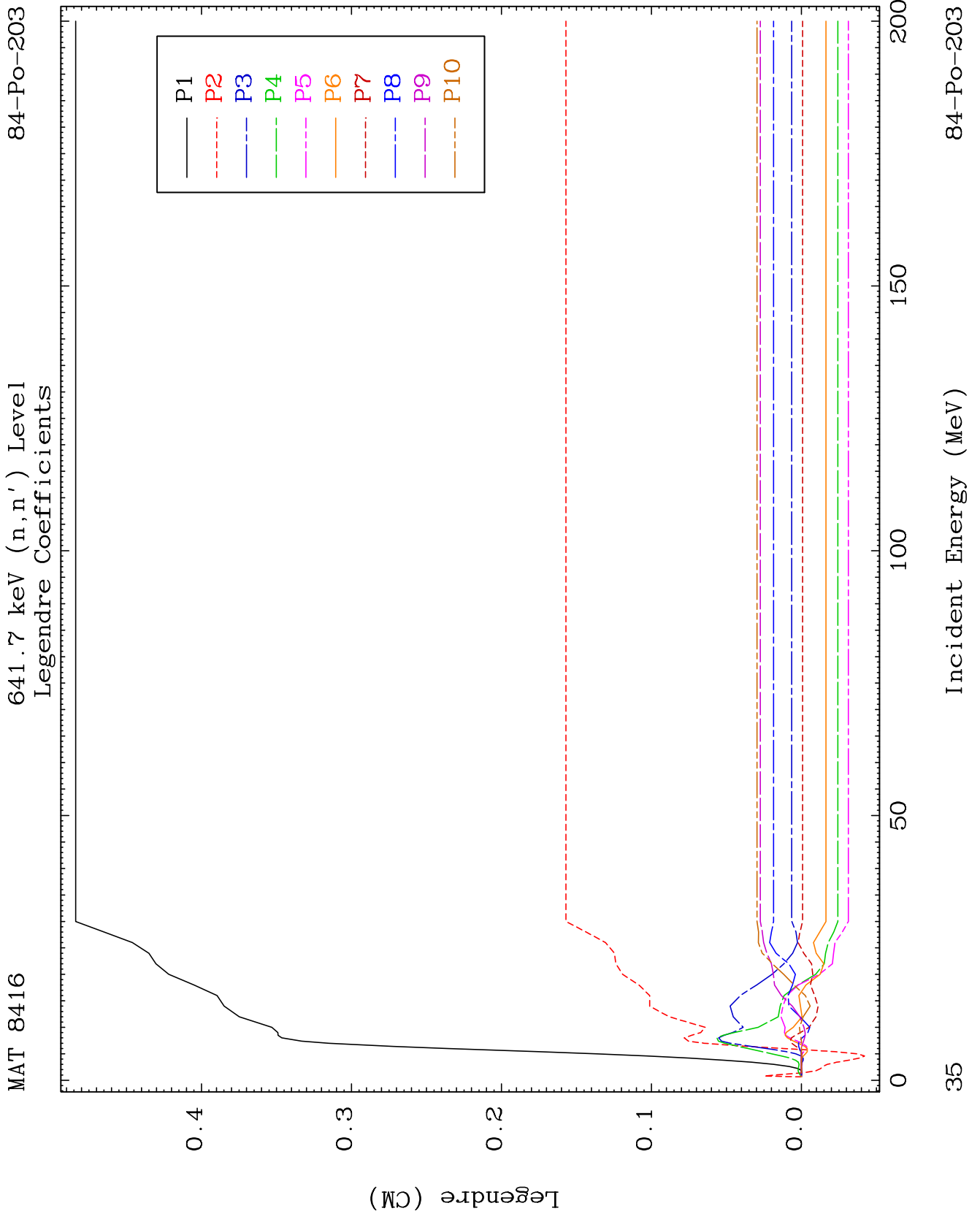
32

Incident Energy (MeV)

84-Po-203



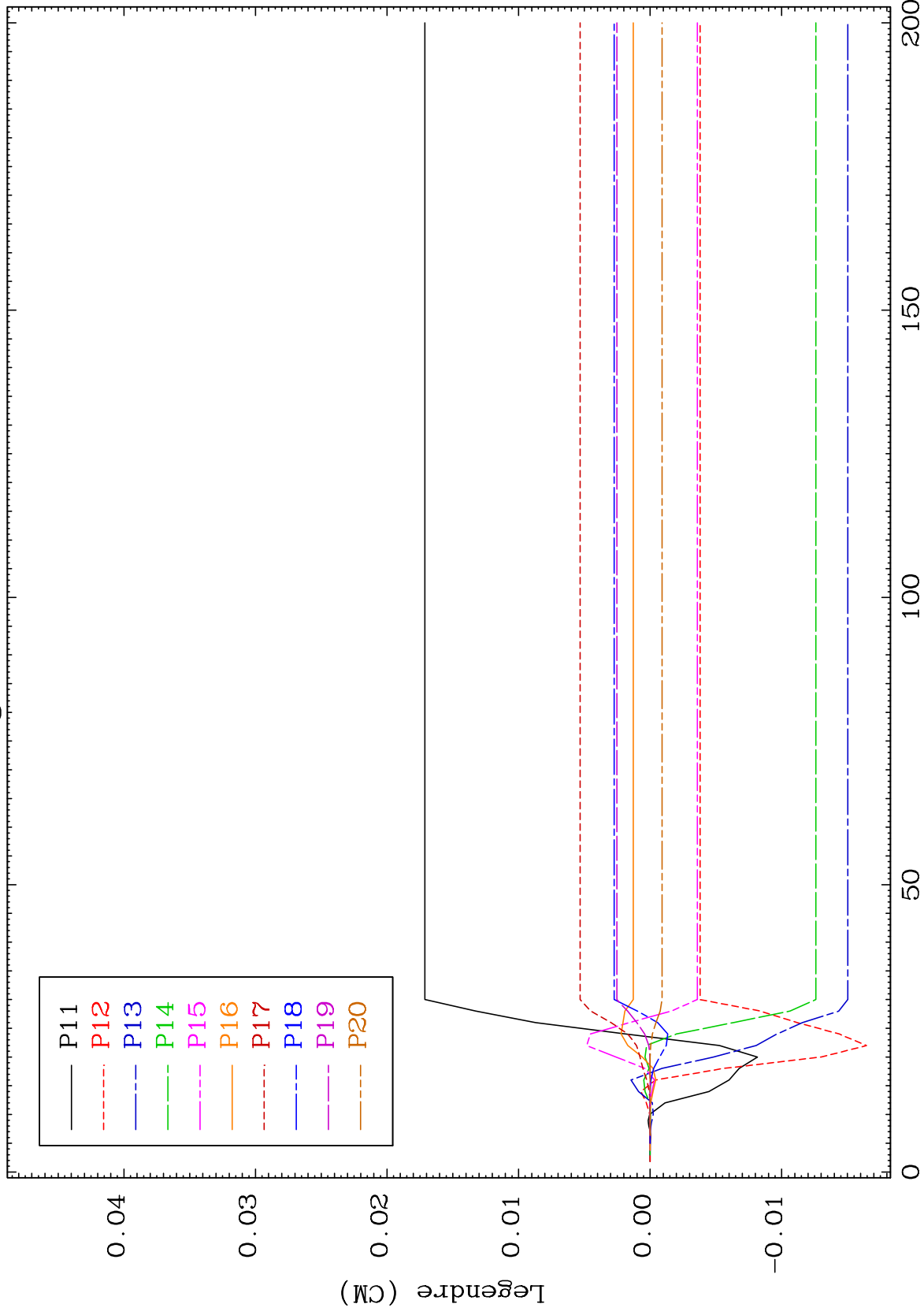




MAT 8416

641.7 keV (n,n') Level  
Legendre Coefficients

84-Po-203



36

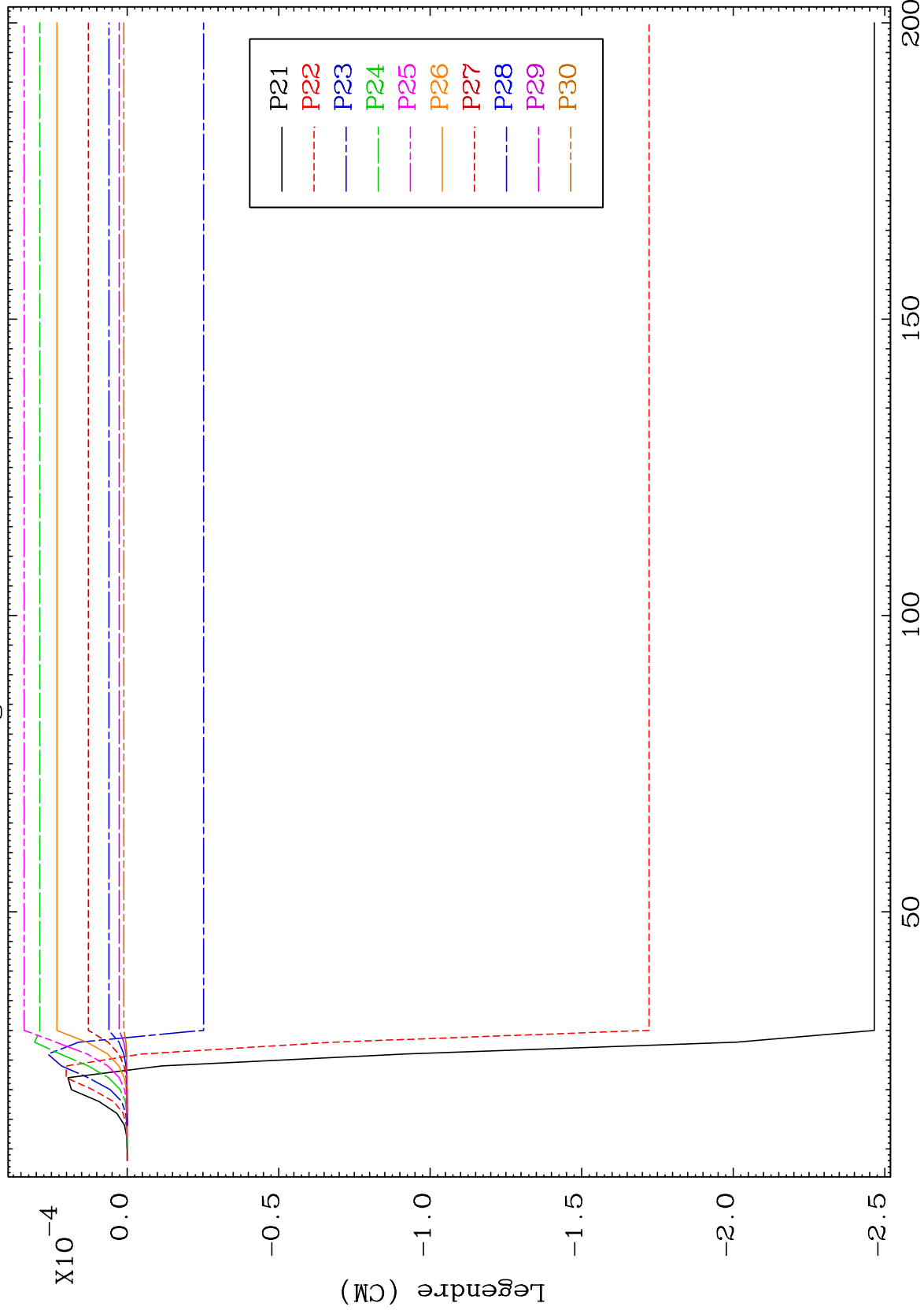
Incident Energy (MeV)

84-Po-203

MAT 8416

641.7 keV (n,n') Level  
Legendre Coefficients

84-Po-203



37

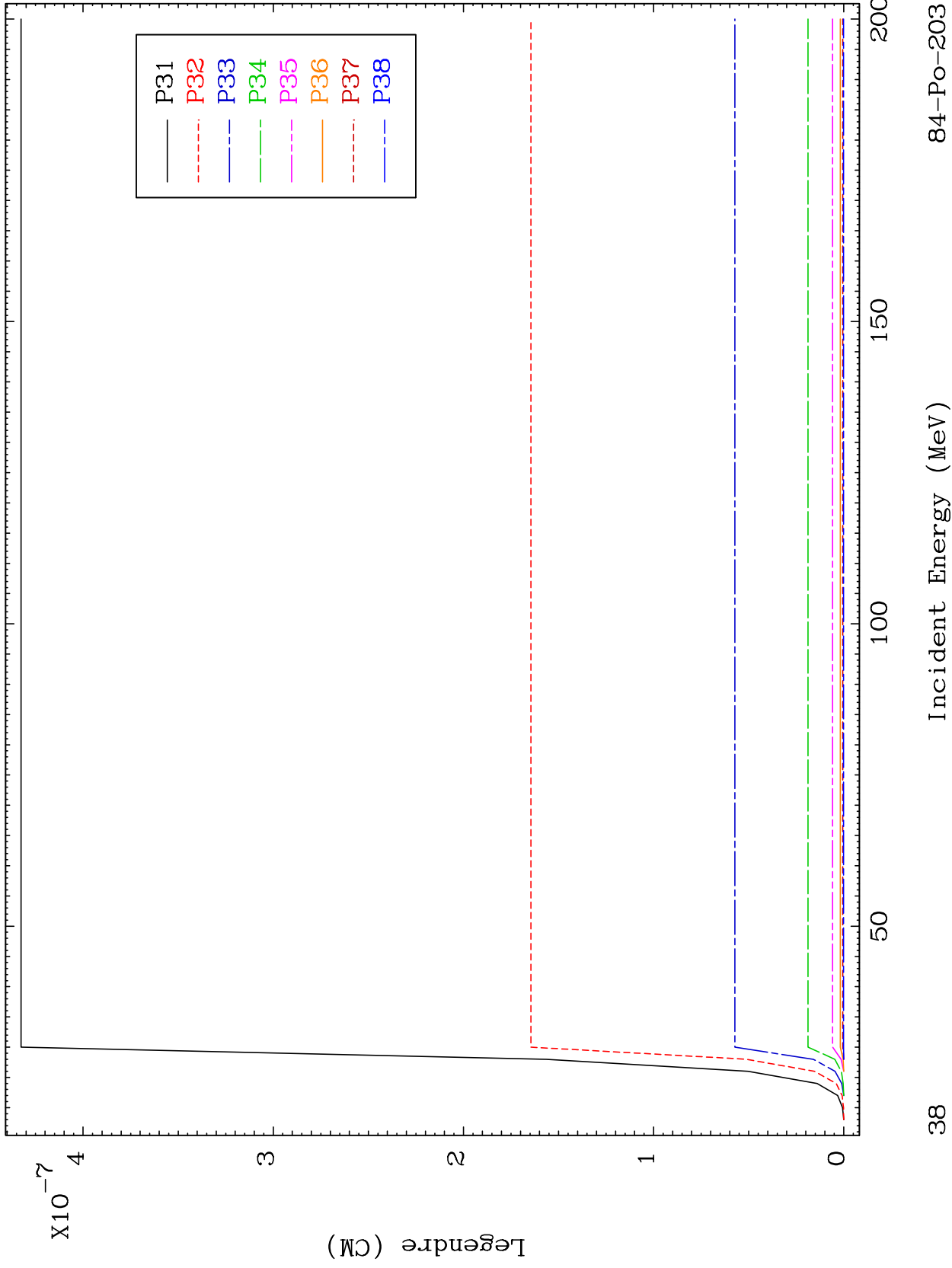
Incident Energy (MeV)

84-Po-203

MAT 8416

641.7 keV (n, n') Level  
Legendre Coefficients

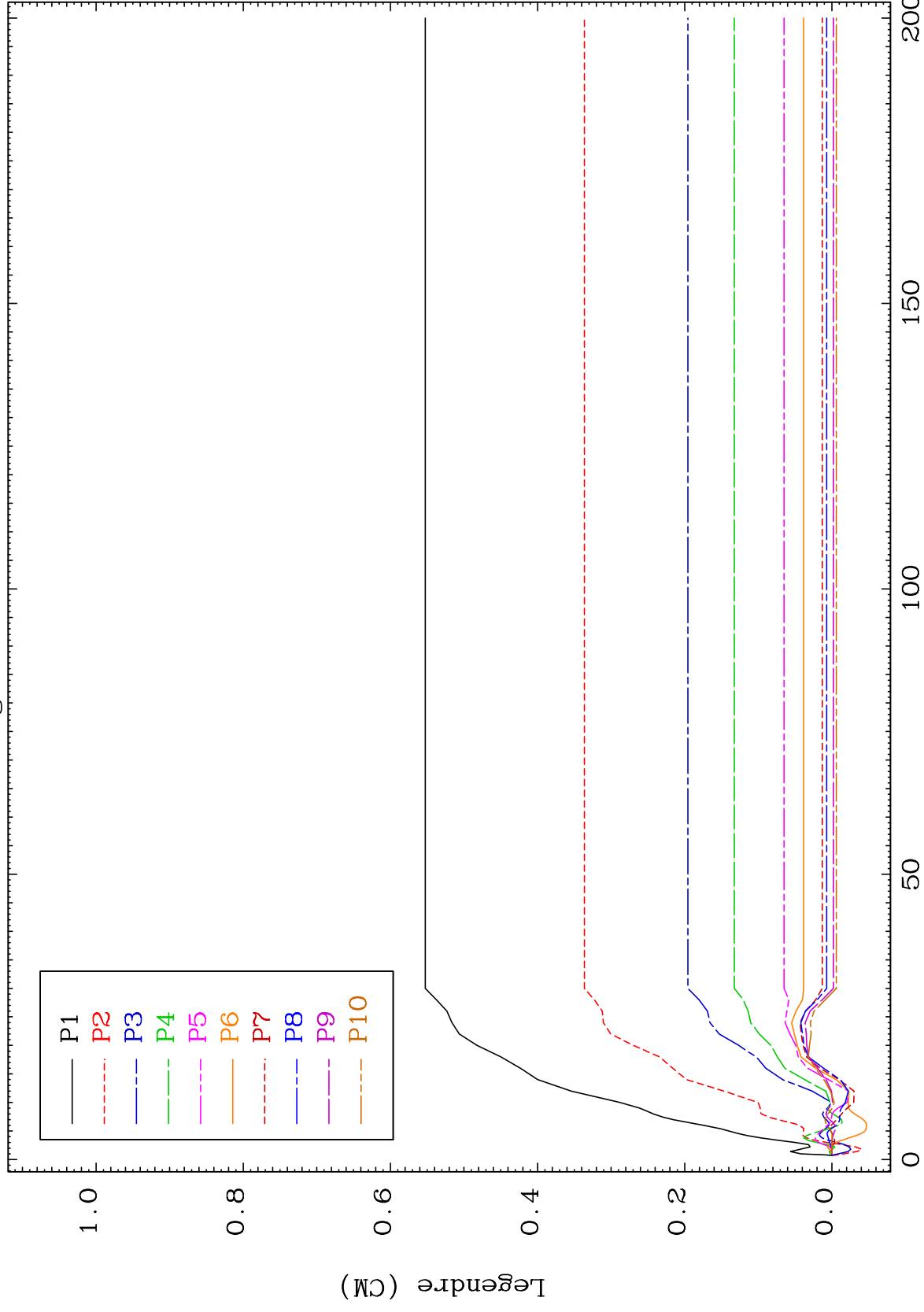
84-Po-203



MAT 8416

686.5 keV (n, n') Level  
Legendre Coefficients

84-Po-203



39

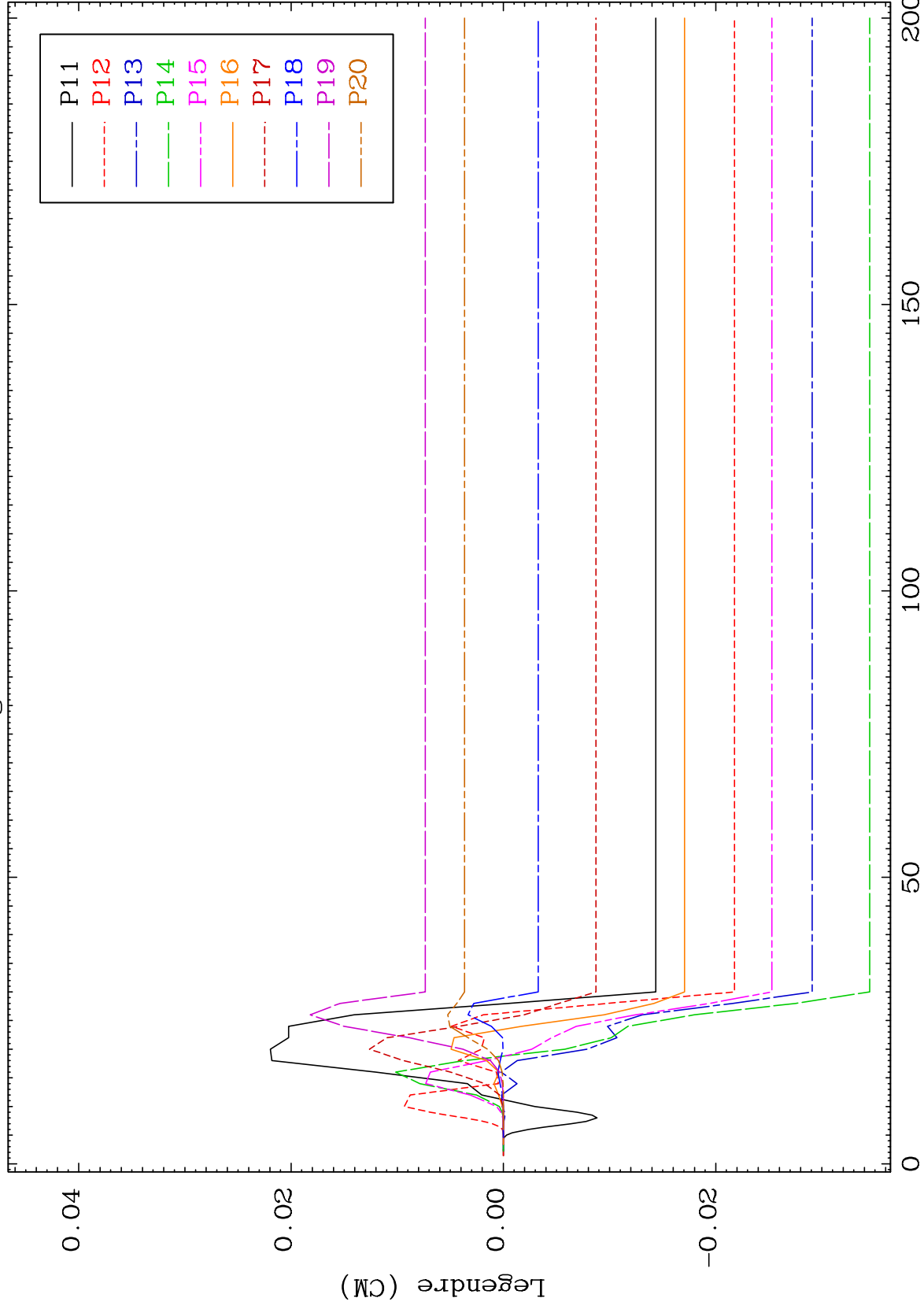
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MAT 8416

686.5 keV (n,n') Level  
Legendre Coefficients

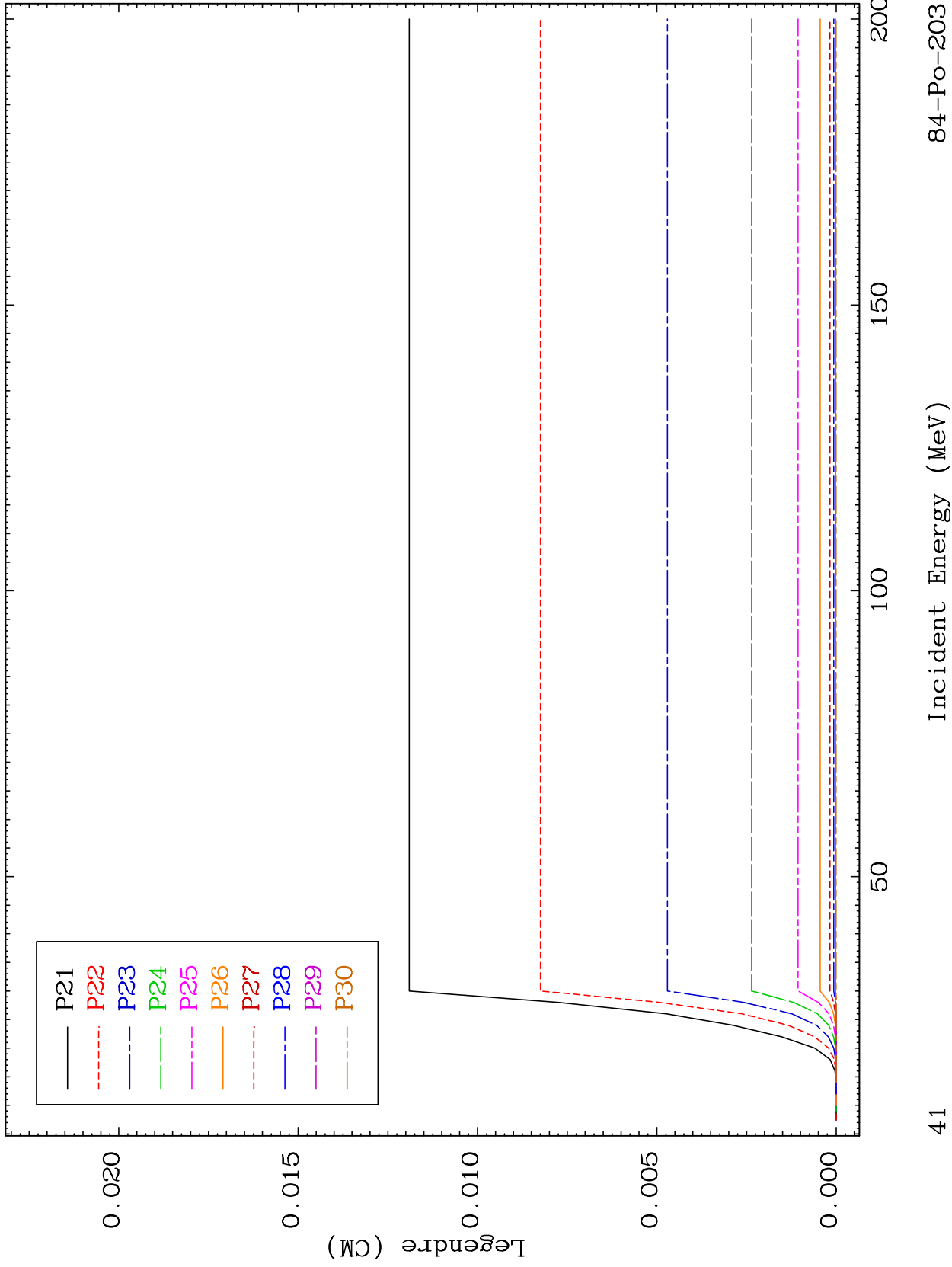
84-Po-203



40

Incident Energy (MeV)

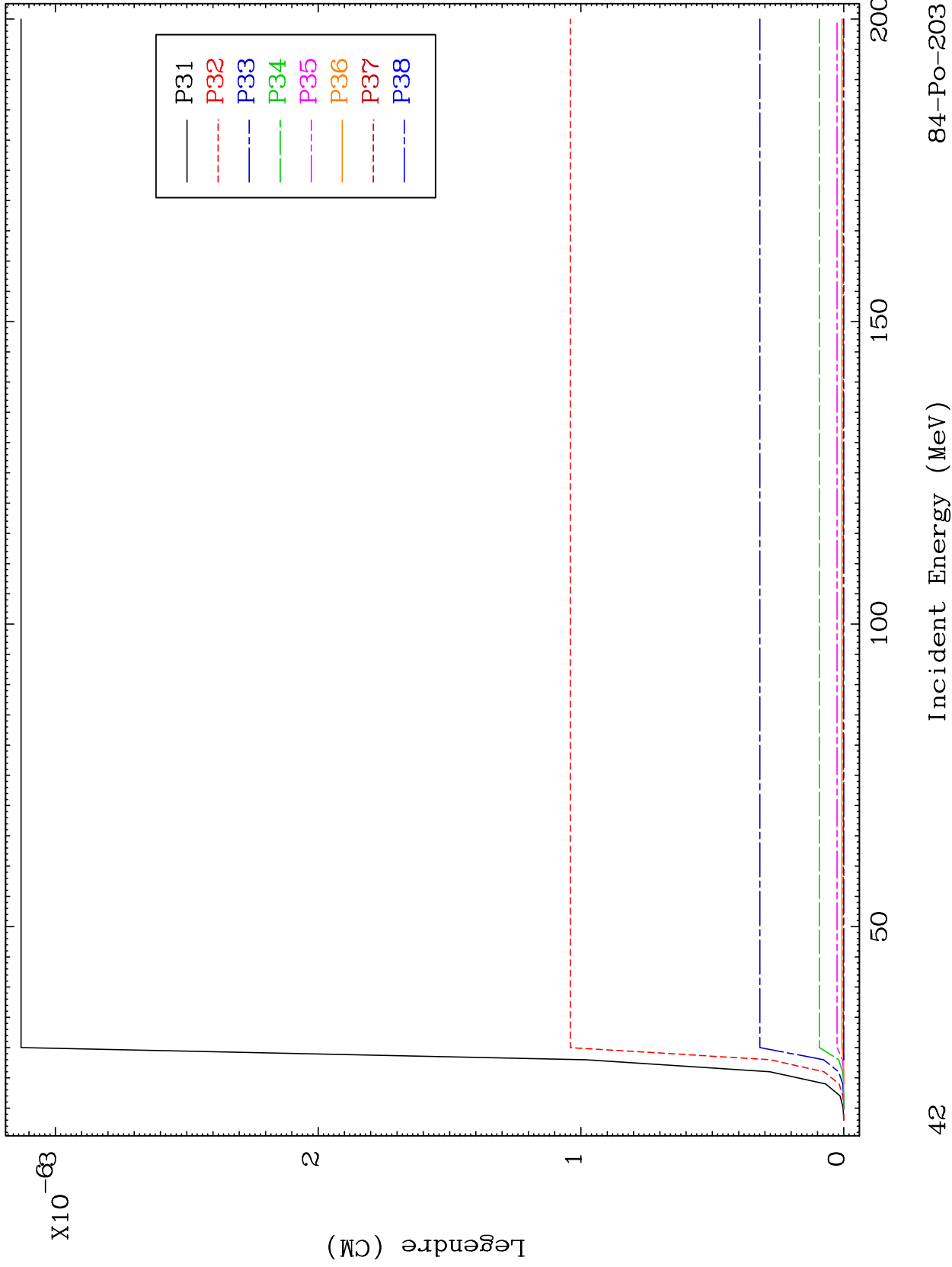
84-Po-203



MAT 8416

686.5 keV (n,n') Level  
Legendre Coefficients

84-Po-203



42

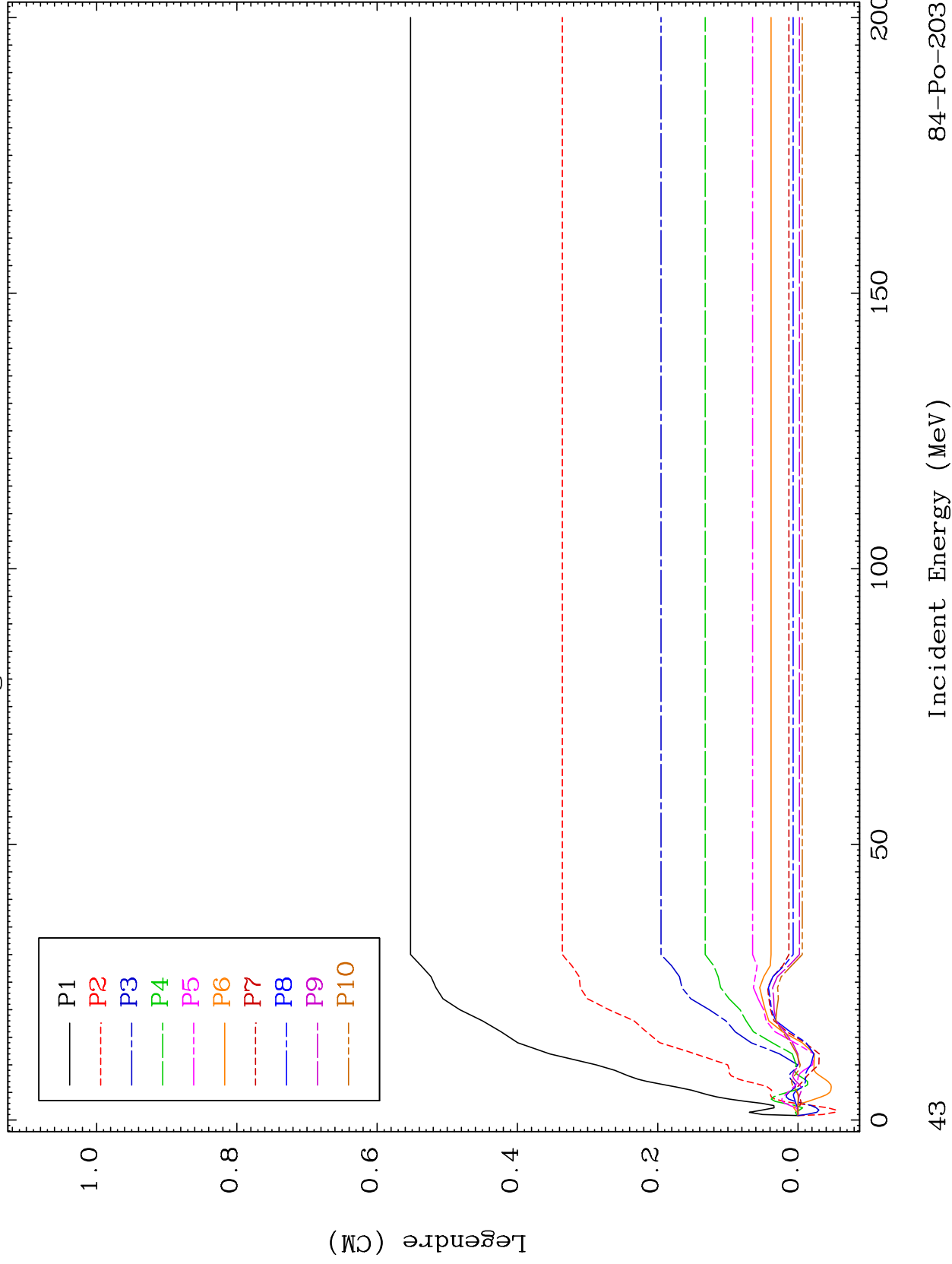
Incident Energy (MeV)

84-Po-203

MAT 8416

719.1 keV (n,n') Level  
Legendre Coefficients

84-Po-203



84-Po-203

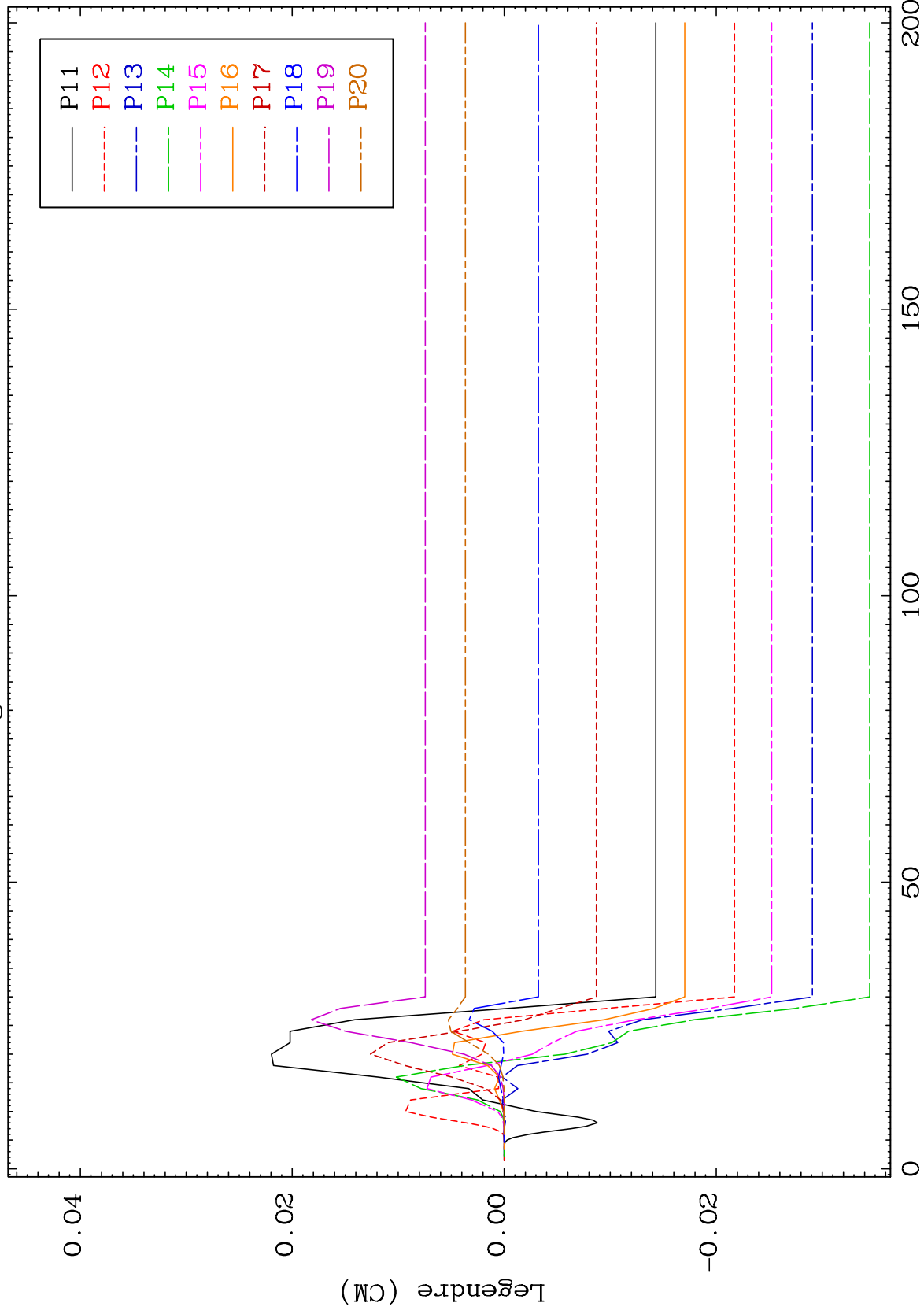
Incident Energy (MeV)

43

MAT 8416

719.1 keV (n,n') Level  
Legendre Coefficients

84-Po-203



44

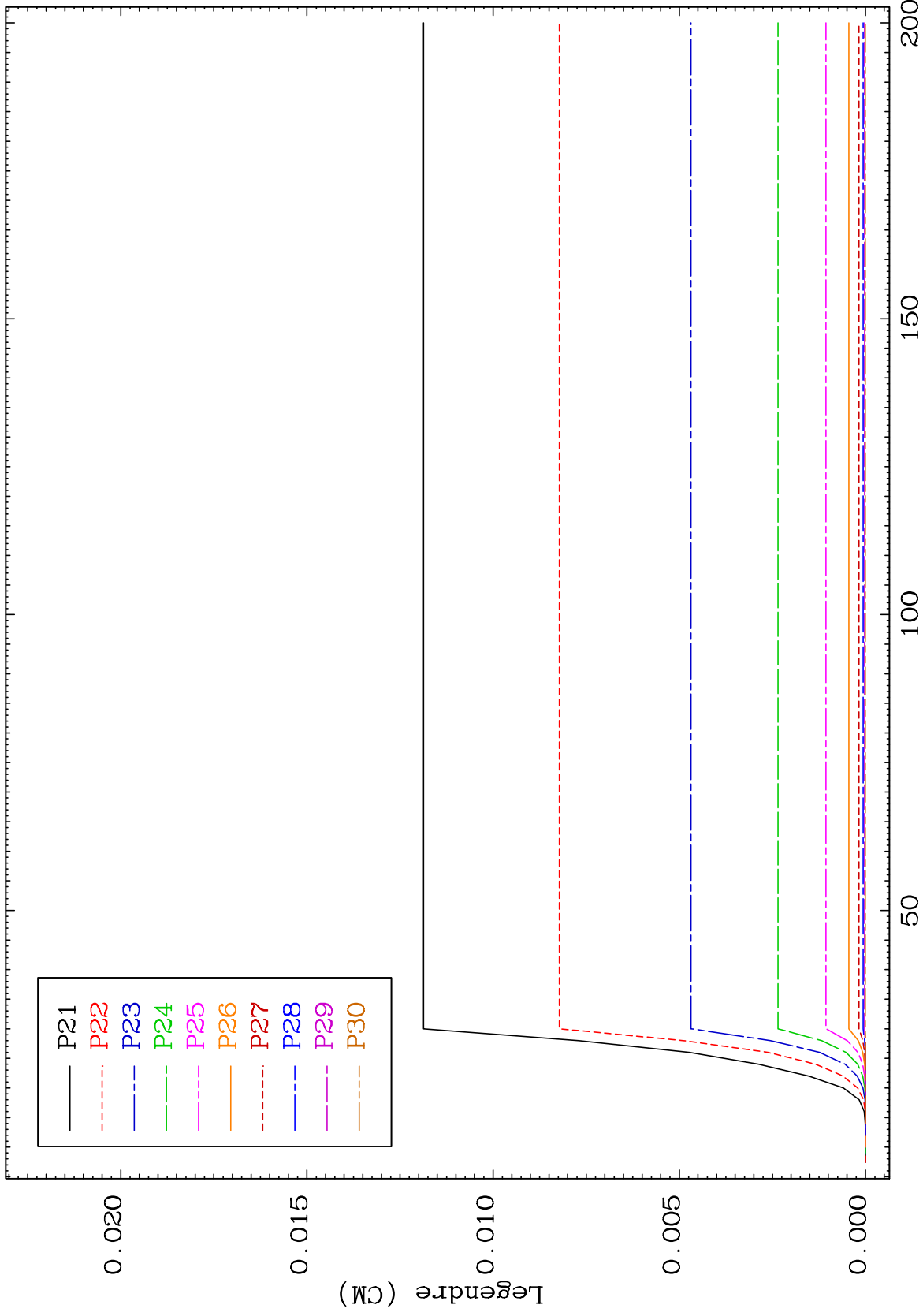
Incident Energy (MeV)

84-Po-203

MAT 8416

719.1 keV (n,n') Level  
Legendre Coefficients

84-Po-203



45

Incident Energy (MeV)

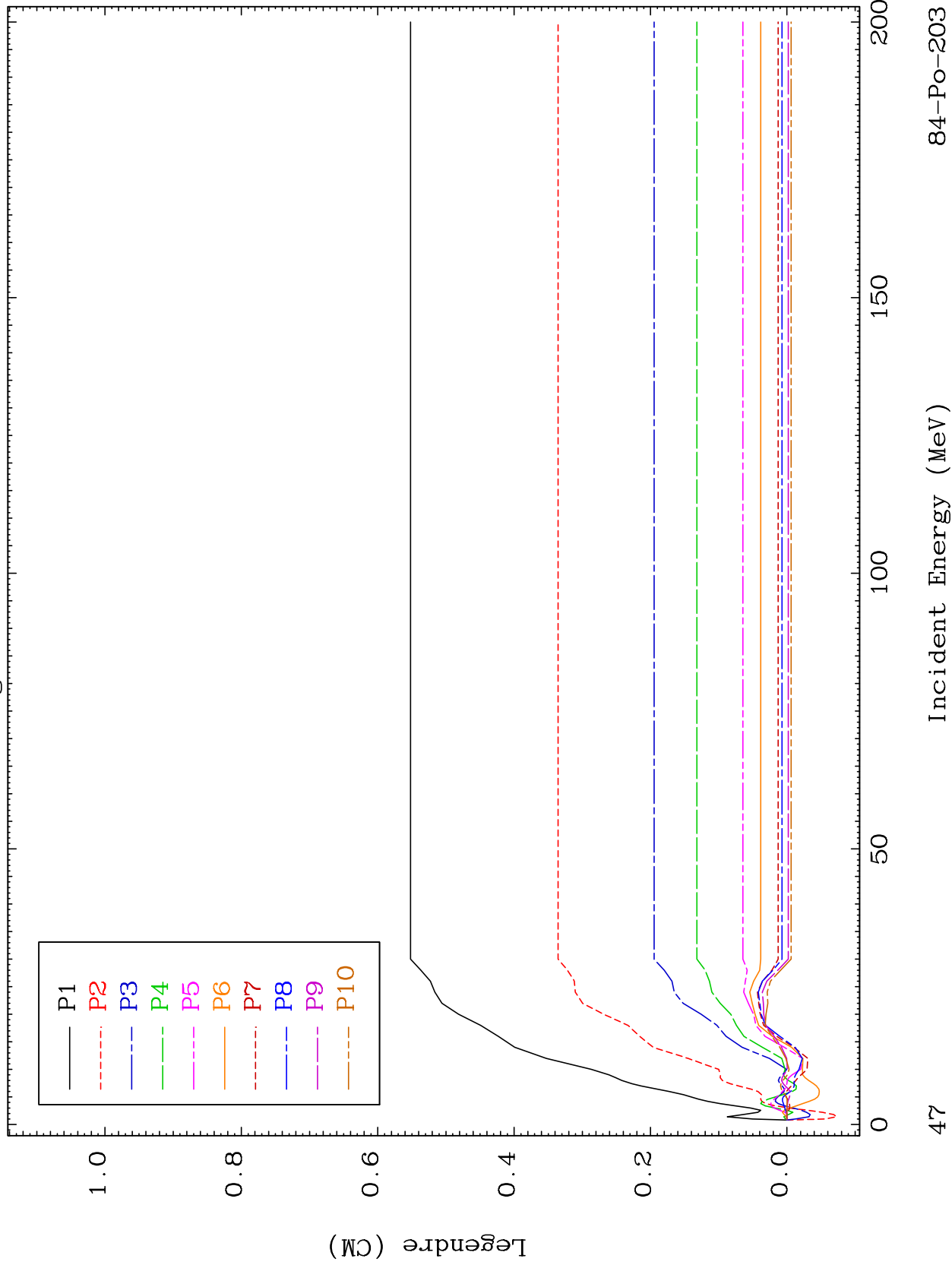
84-Po-203



MAT 8416

803.2 keV (n,n') Level  
Legendre Coefficients

84-Po-203



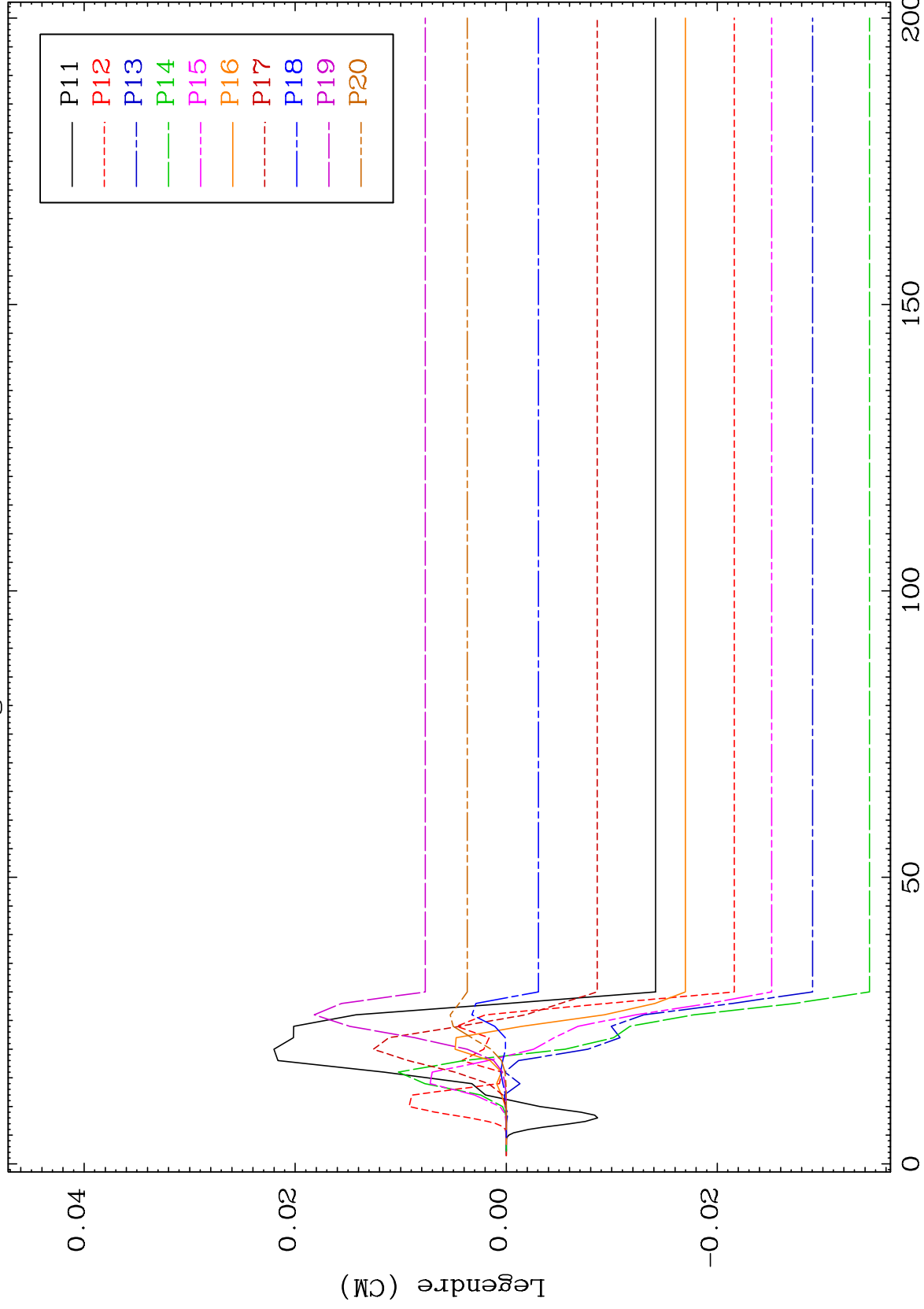
47



MAT 8416

803.2 keV (n,n') Level  
Legendre Coefficients

84-Po-203



48

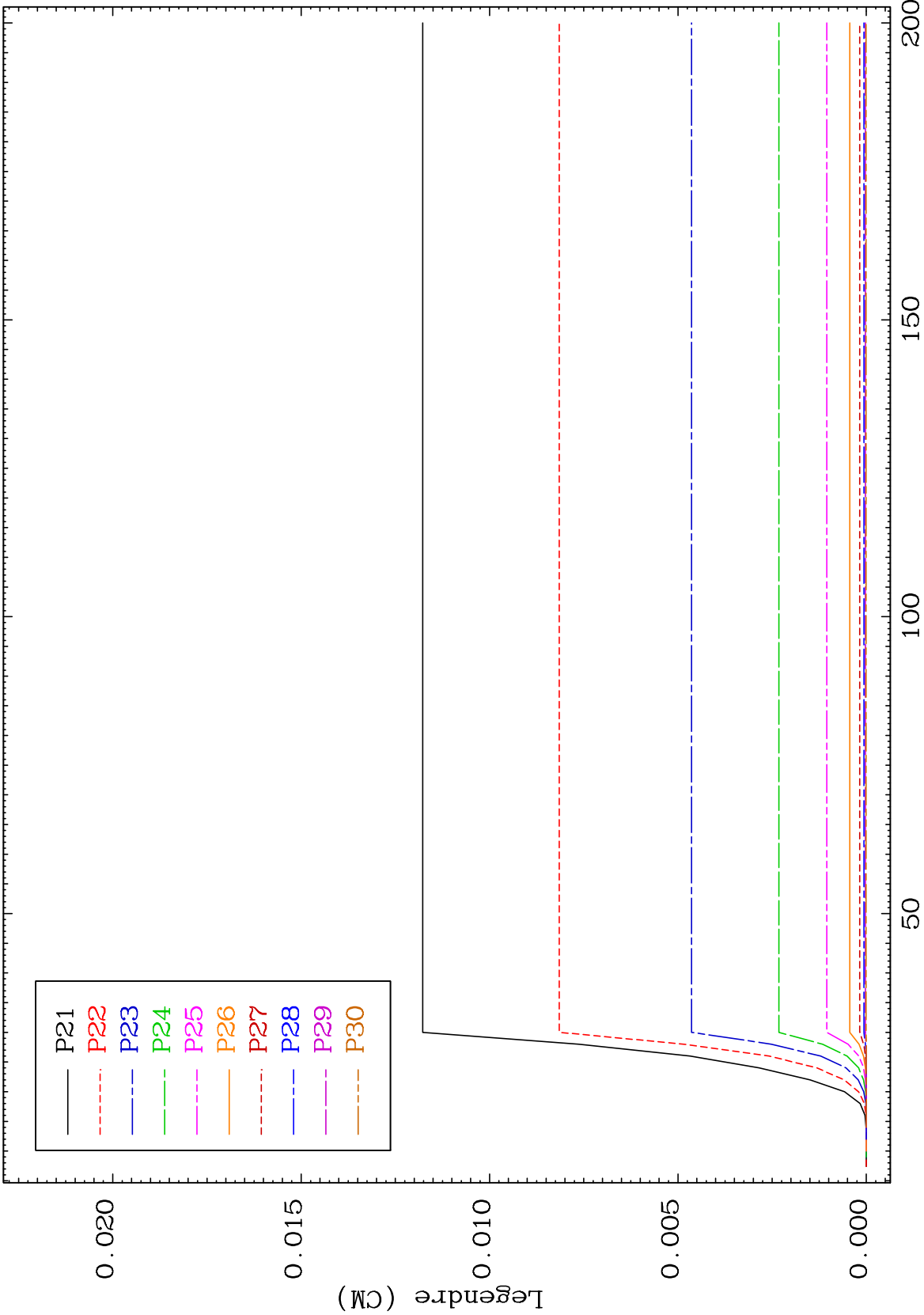
Incident Energy (MeV)

84-Po-203

MAT 8416

803.2 keV (n,n') Level  
Legendre Coefficients

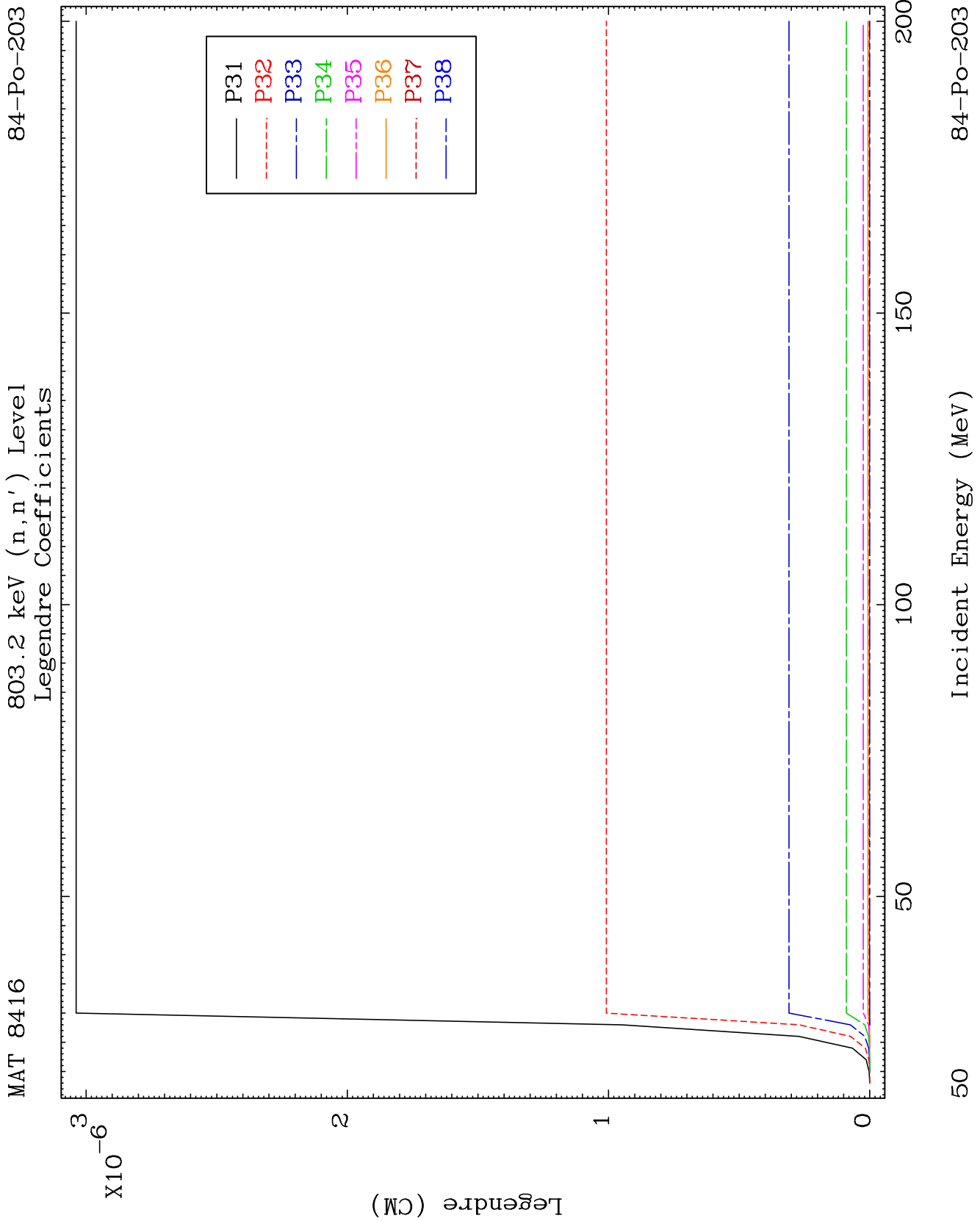
84-Po-203



49

Incident Energy (MeV)

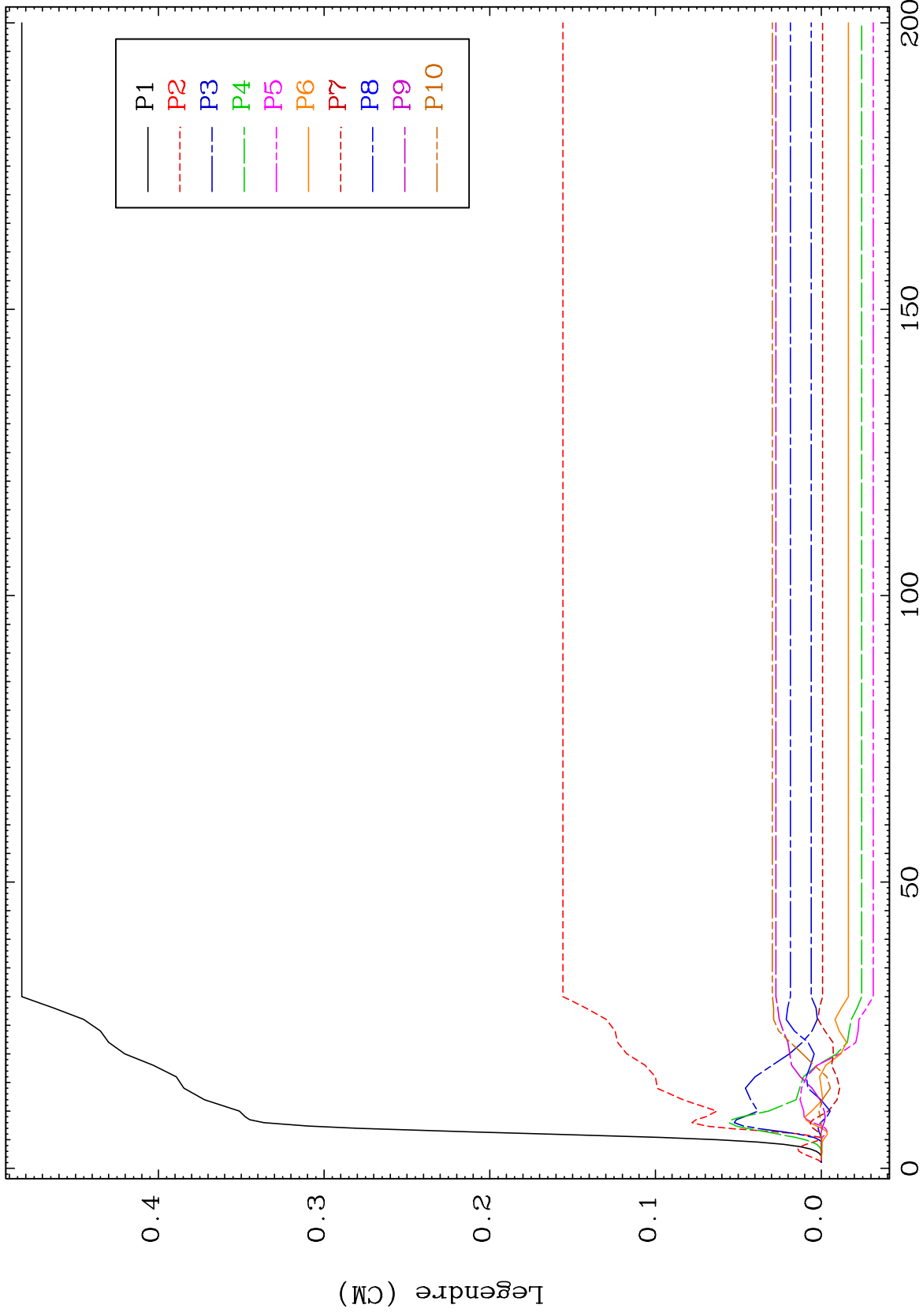
84-Po-203



MAT 8416

1.029 MeV (n,n') Level  
Legendre Coefficients

84-Po-203



51

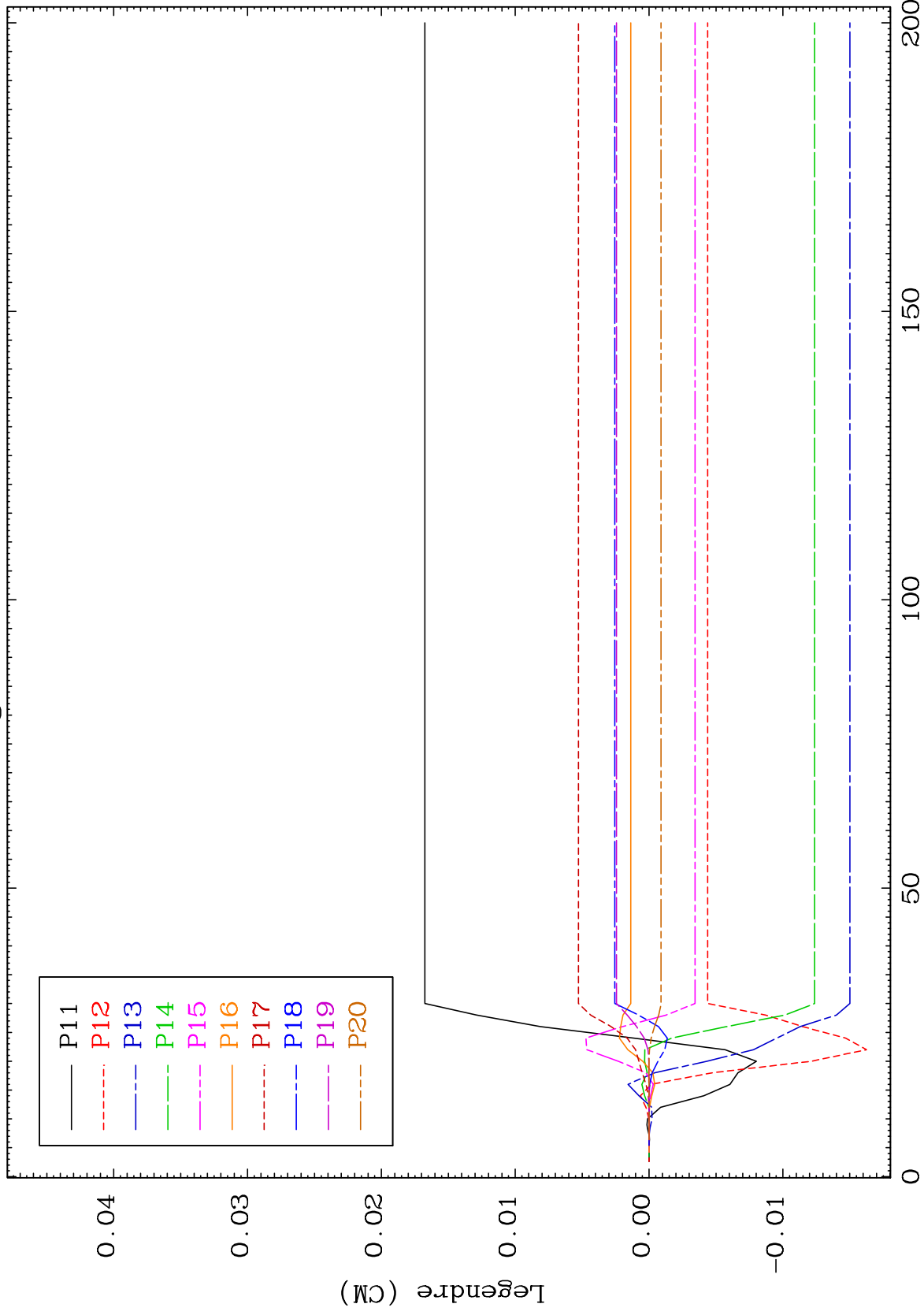
Incident Energy (MeV)

84-Po-203

MAT 8416

1.029 MeV (n,n') Level  
Legendre Coefficients

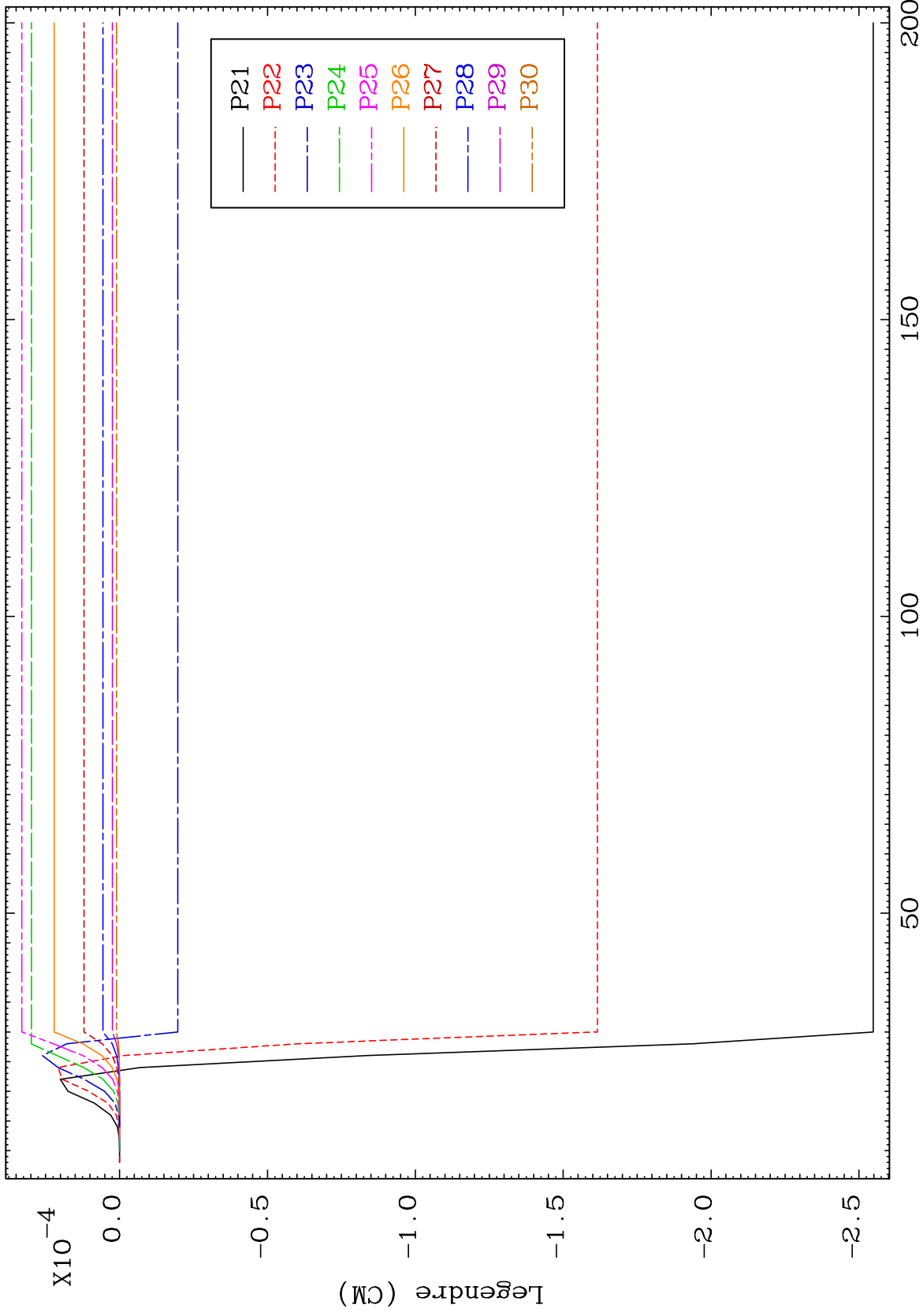
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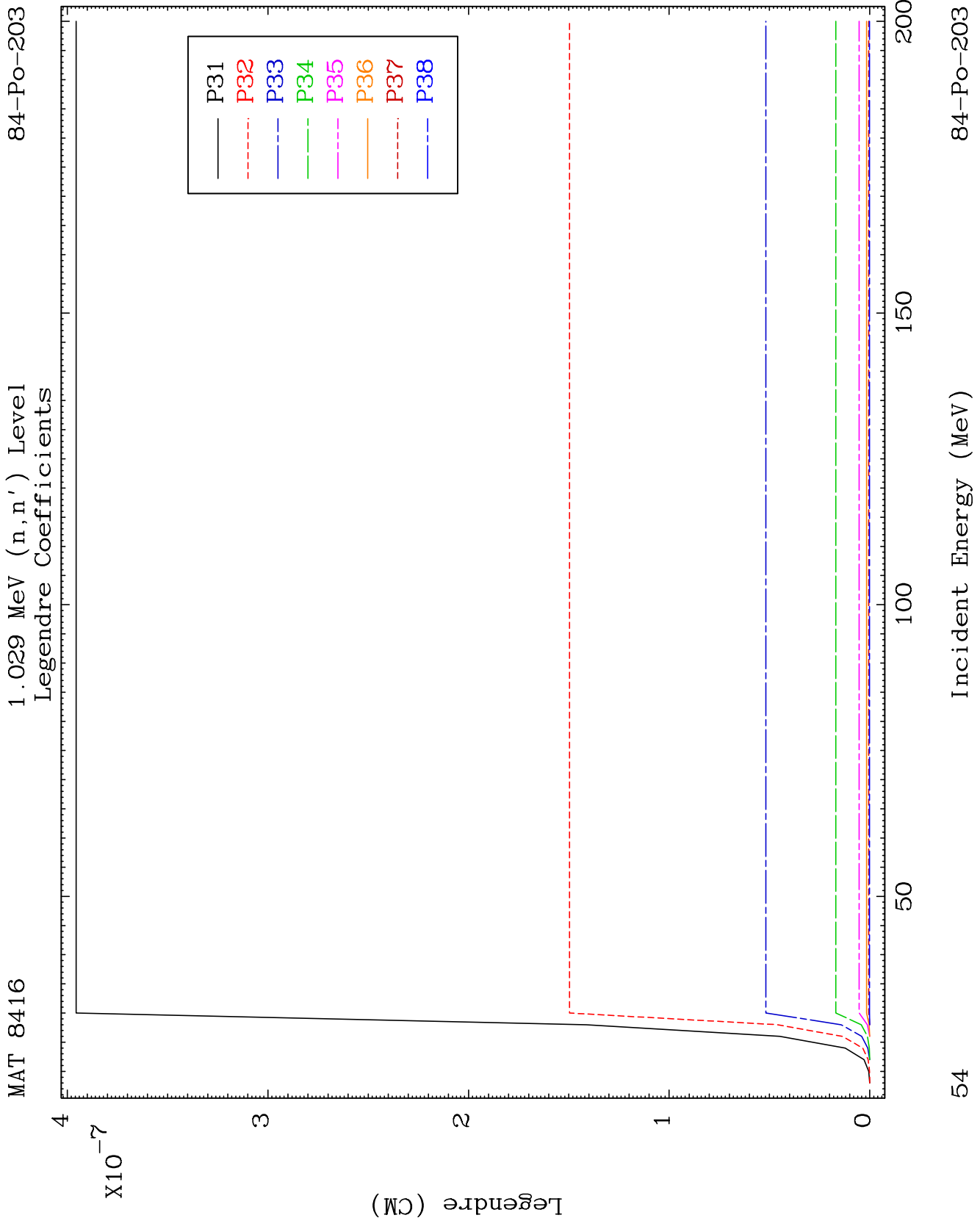


52

Incident Energy (MeV)

84-Po-203

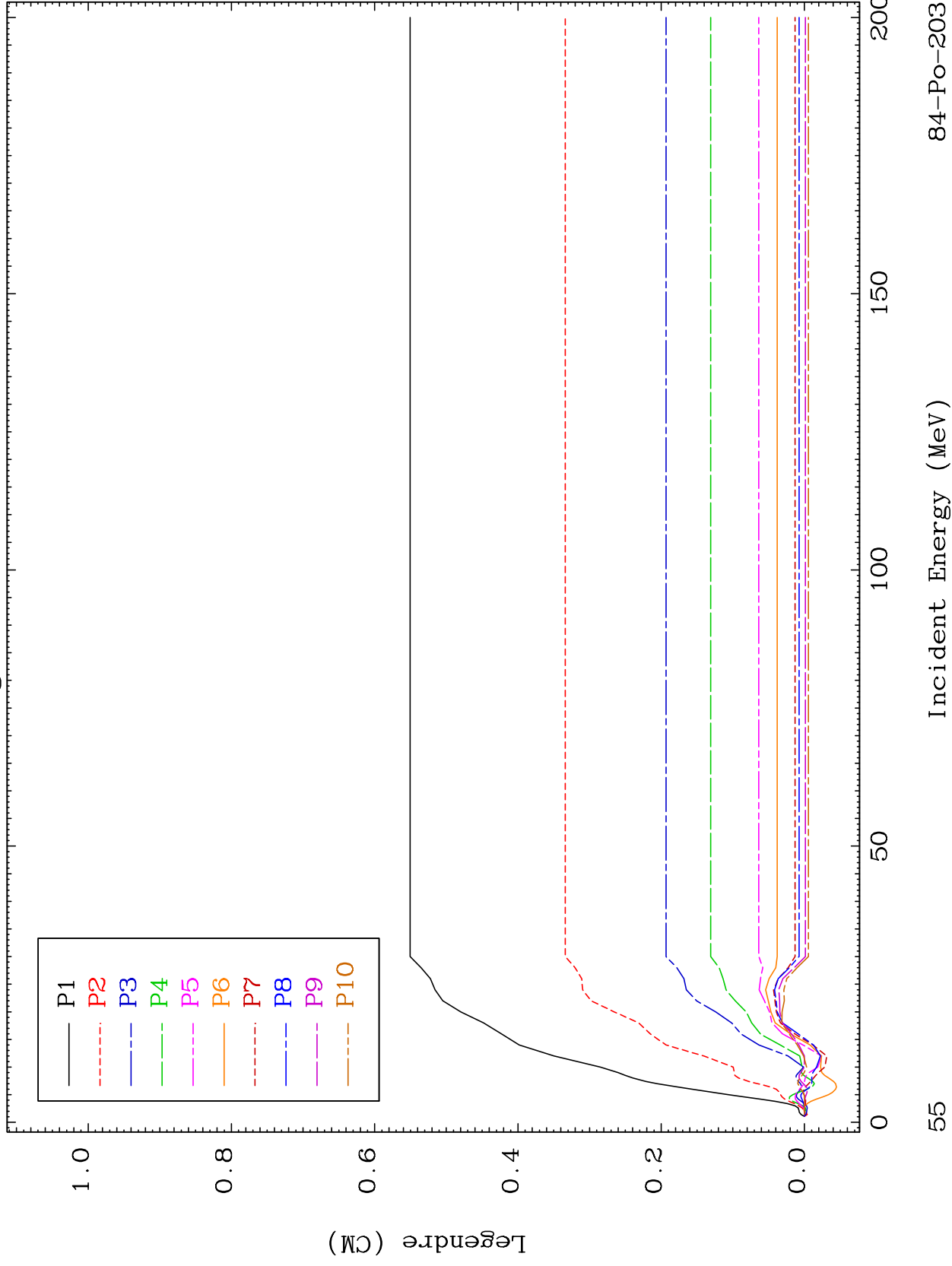




MAT 8416

1.056 MeV (n,n') Level  
Legendre Coefficients

84-Po-203



84-Po-203

Incident Energy (MeV)

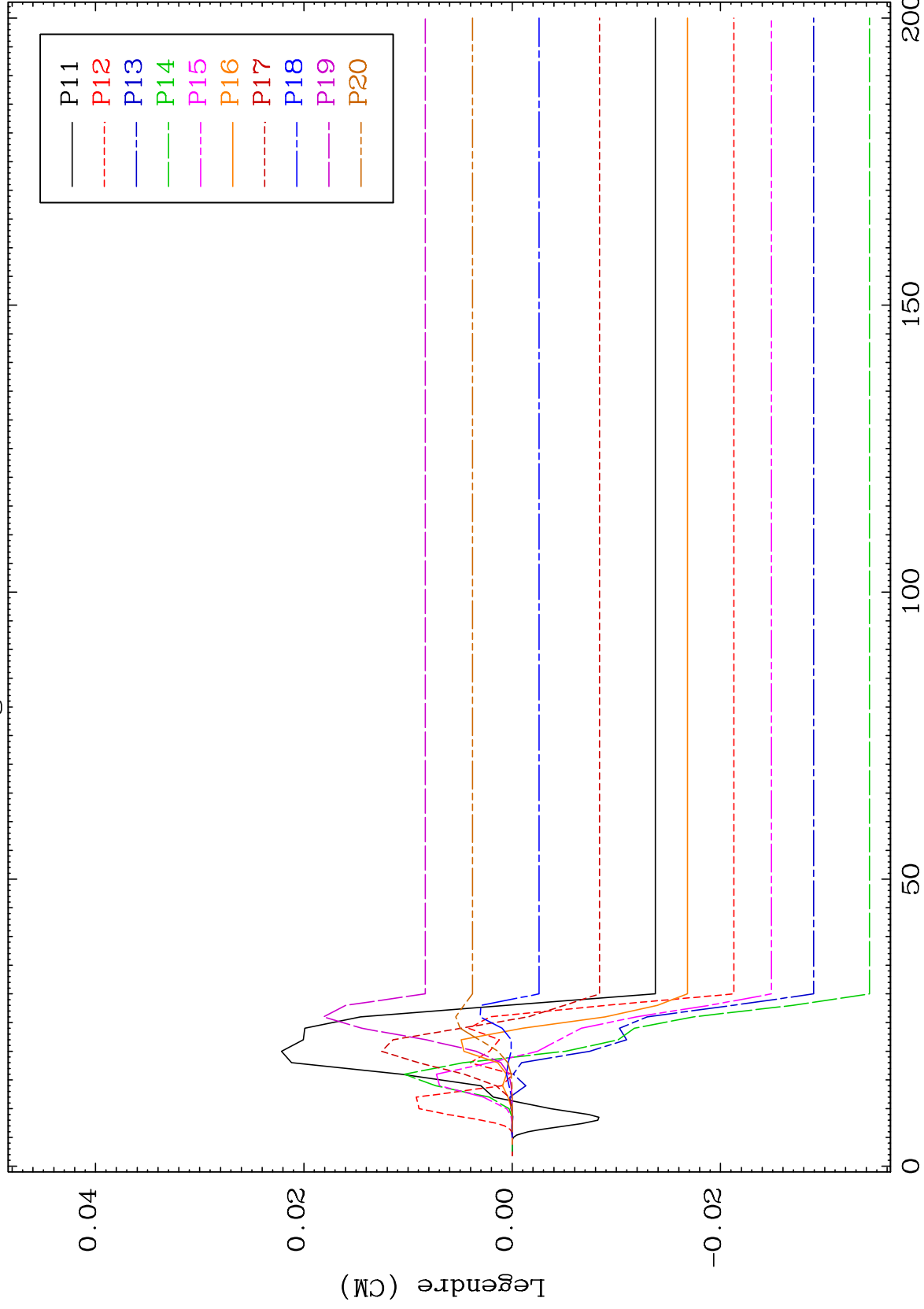
55



MAT 8416

1.056 MeV (n,n') Level  
Legendre Coefficients

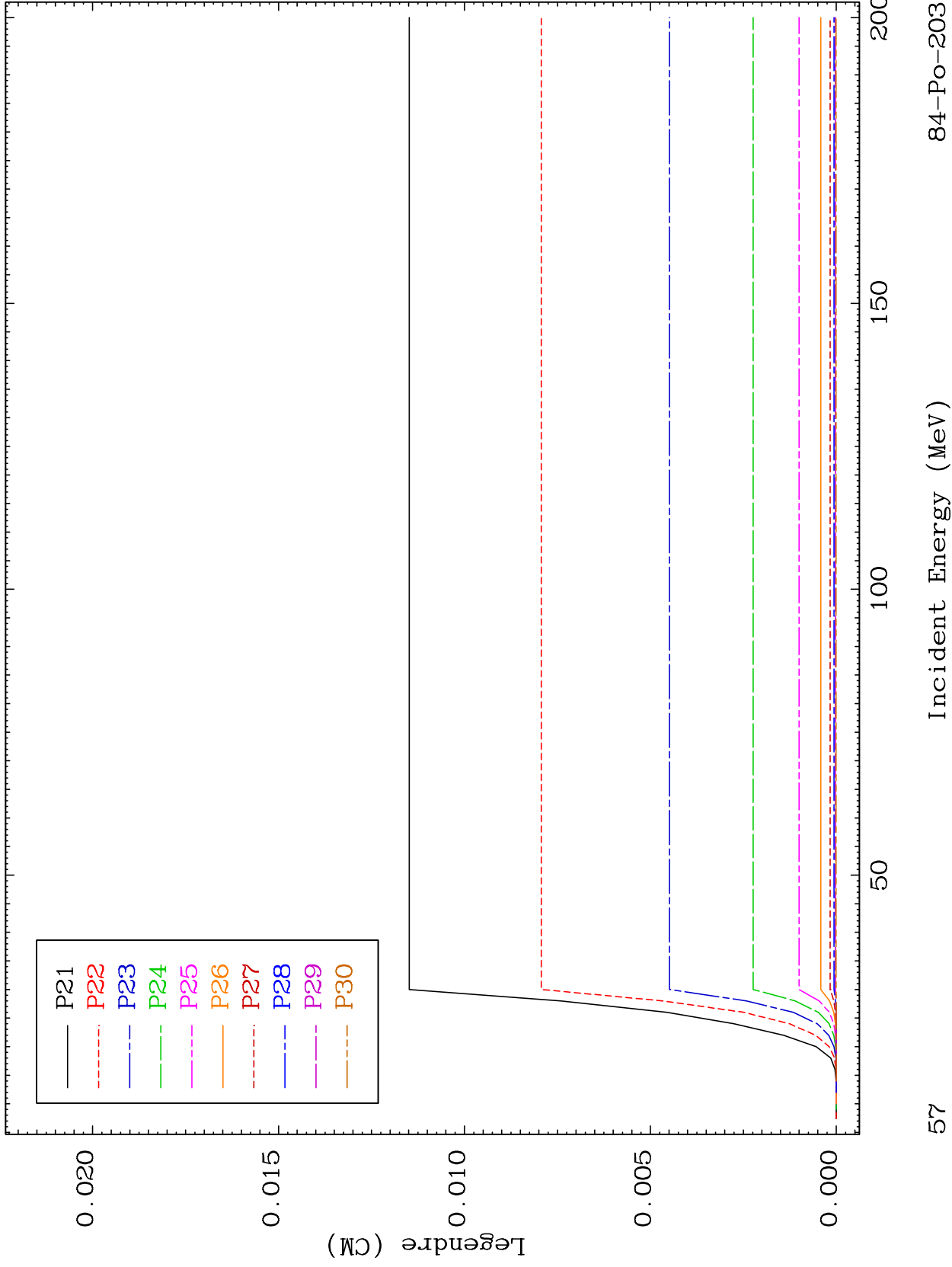
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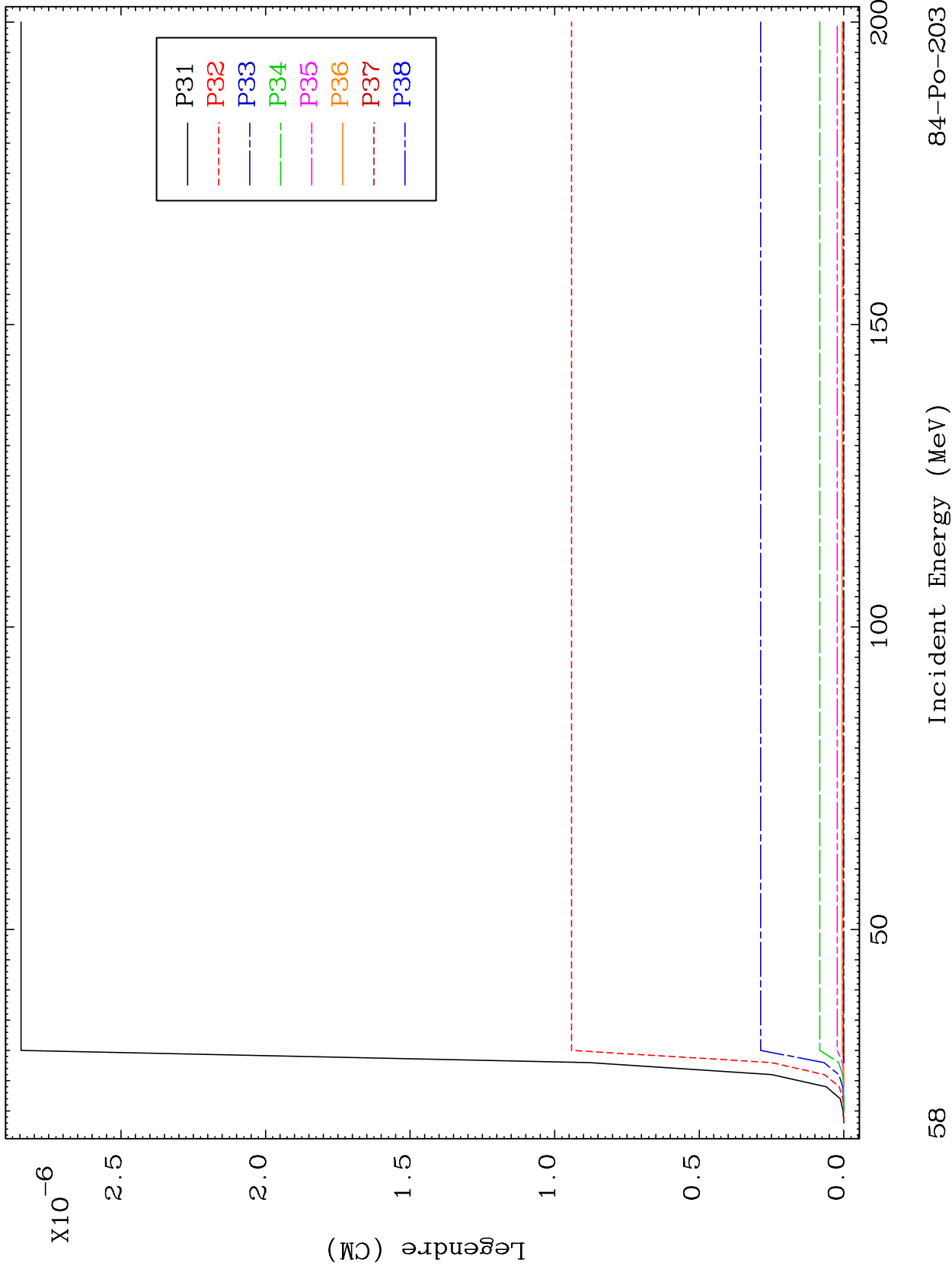


56

Incident Energy (MeV)

84-Po-203

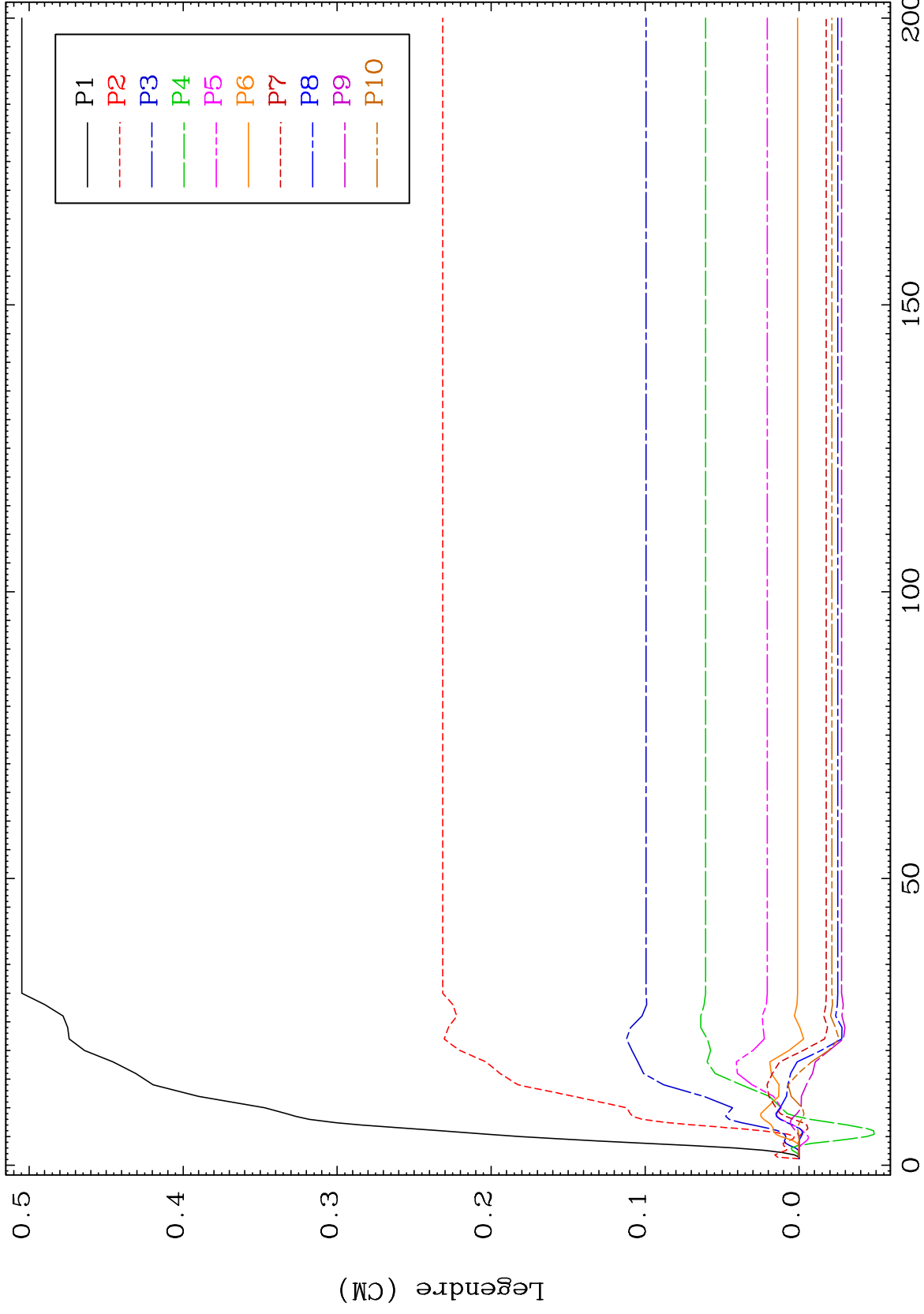




MAT 8416

1.113 MeV (n,n') Level  
Legendre Coefficients

84-Po-203



59

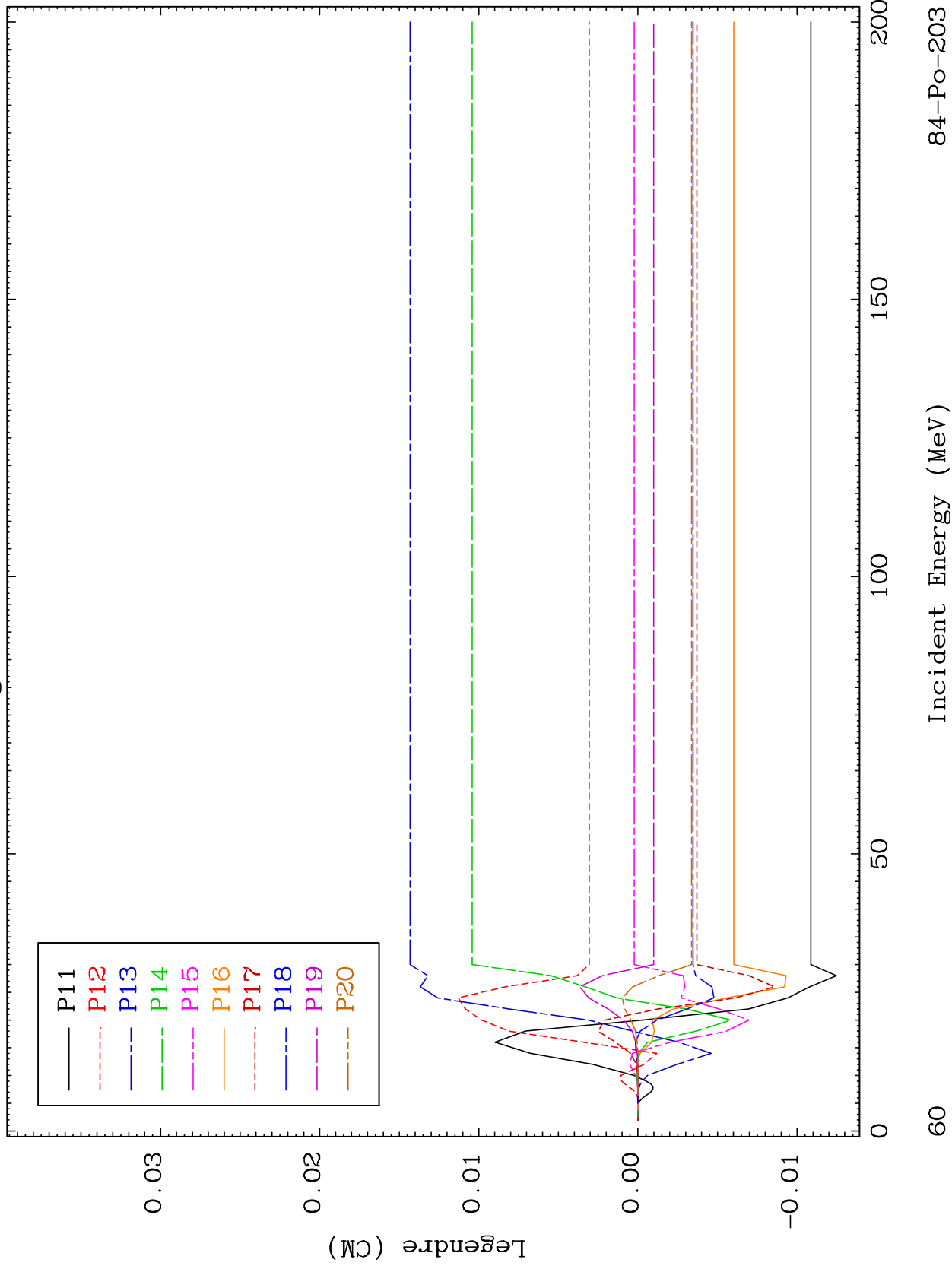
Incident Energy (MeV)

84-Po-203

MAT 8416

1.113 MeV (n,n') Level  
Legendre Coefficients

84-Po-203

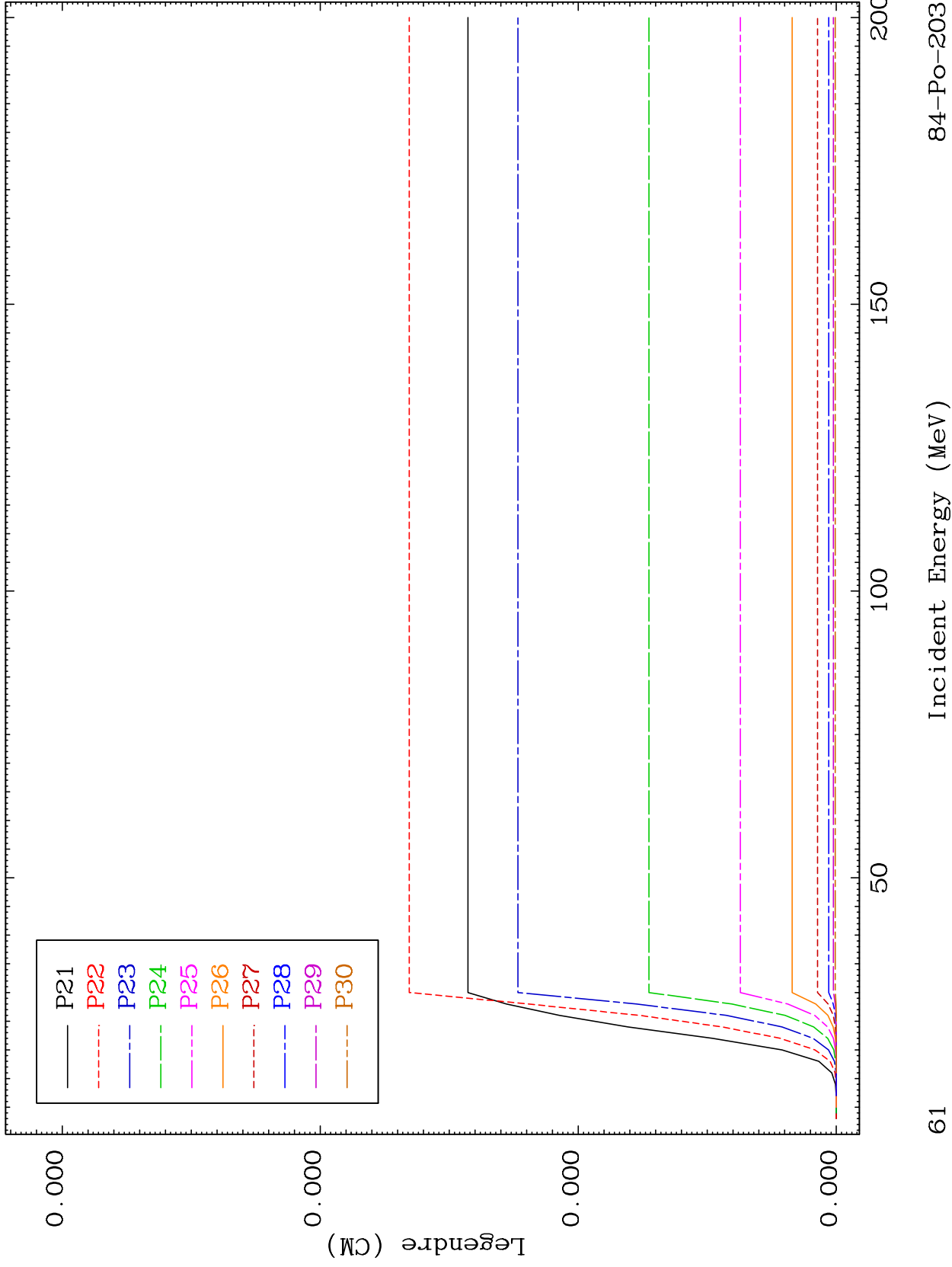


84-Po-203

MAT 8416

1.113 MeV (n,n') Level  
Legendre Coefficients

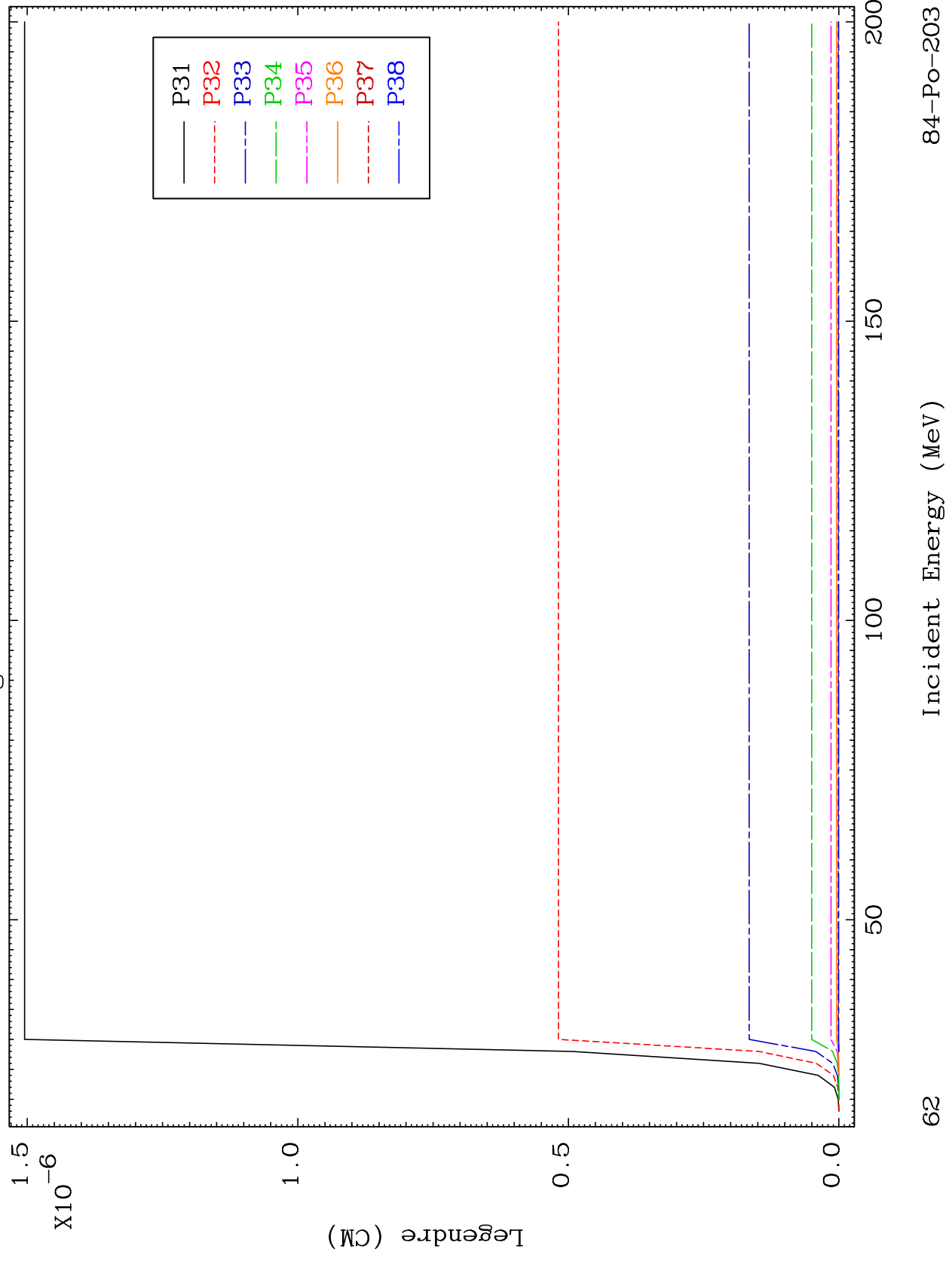
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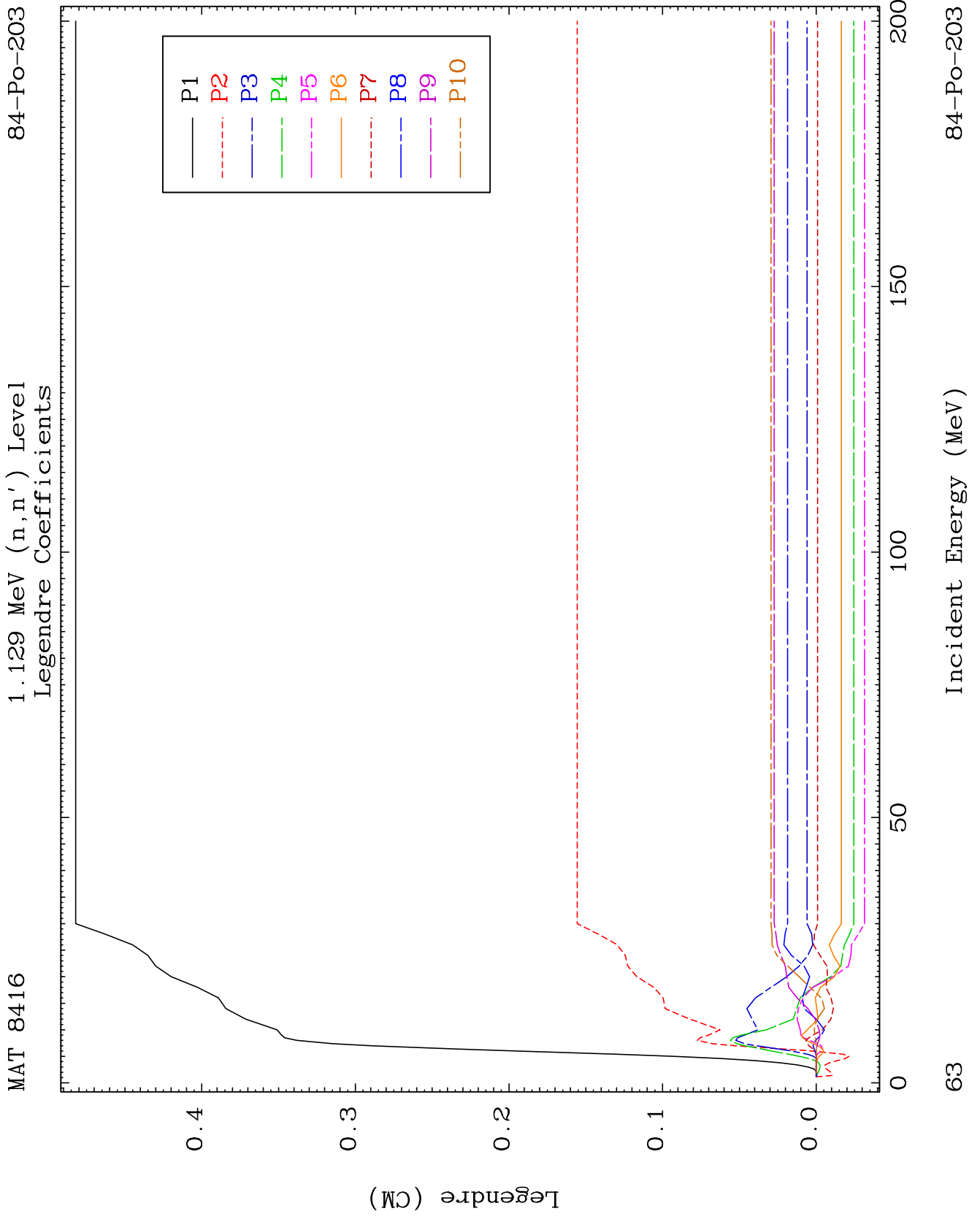


61

Incident Energy (MeV)

84-Po-203



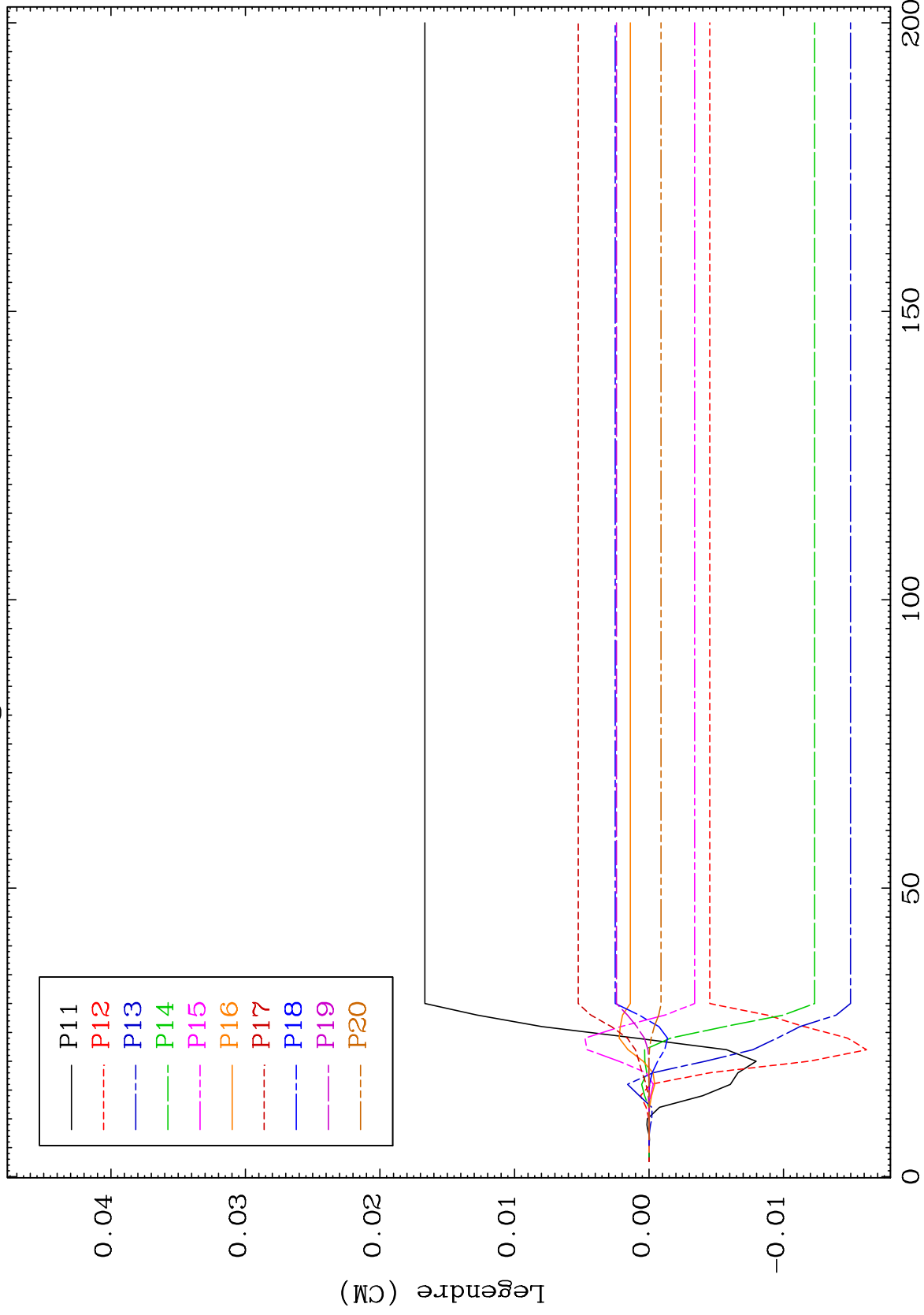




MAT 8416

1.129 MeV (n,n') Level  
Legendre Coefficients

84-Po-203



64

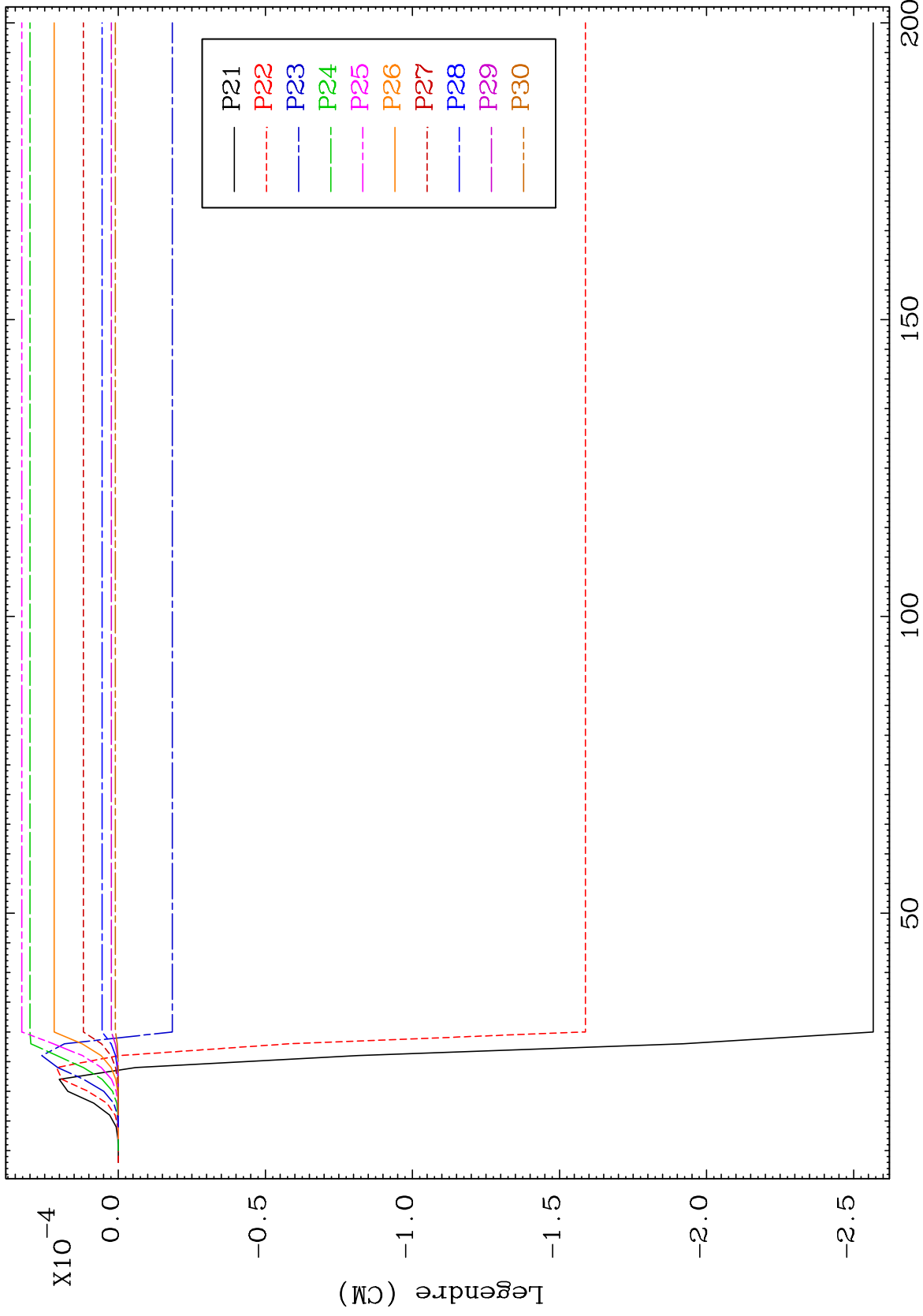
Incident Energy (MeV)

84-Po-203

MAT 8416

1.129 MeV (n,n') Level  
Legendre Coefficients

84-Po-203



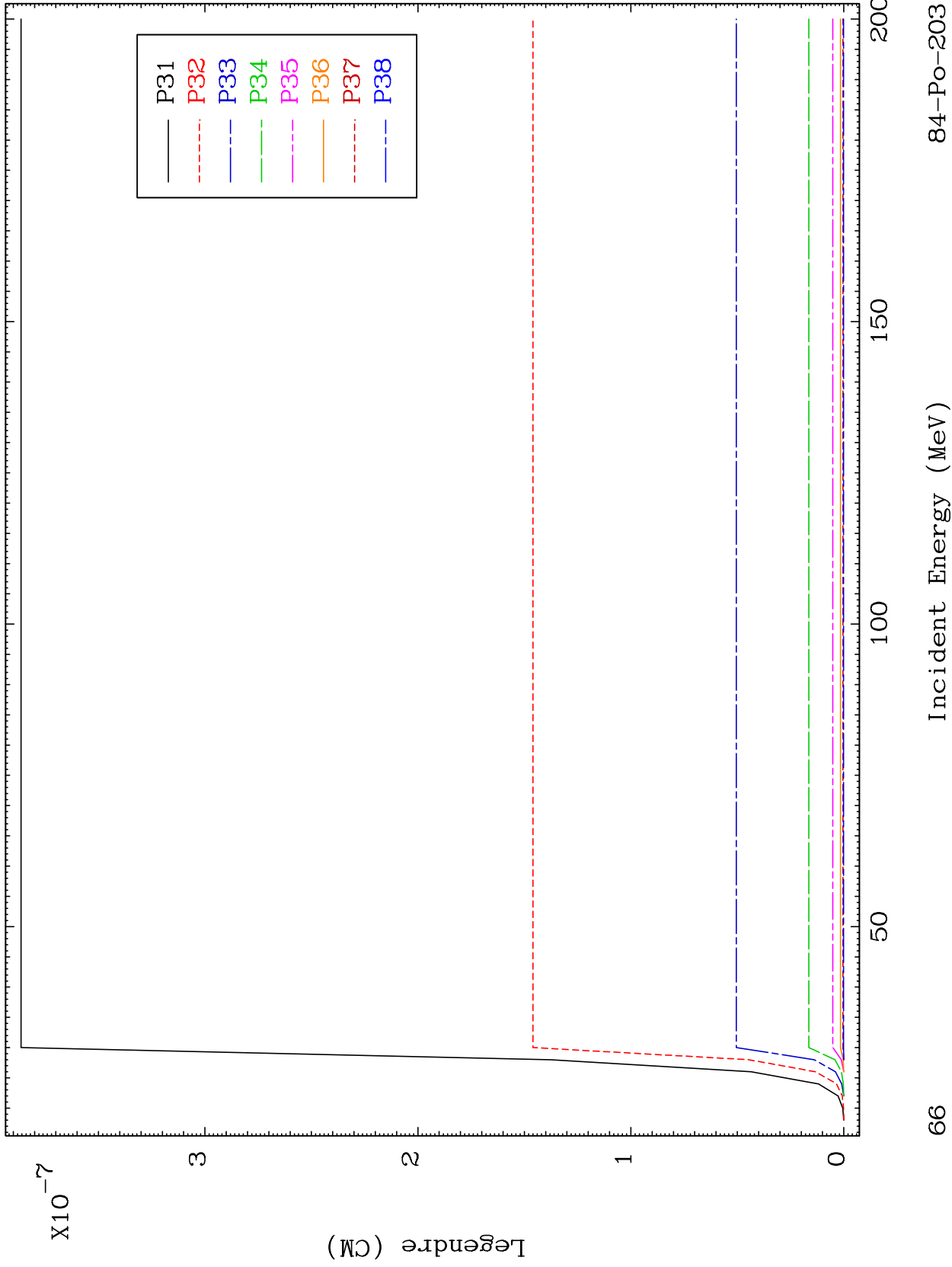
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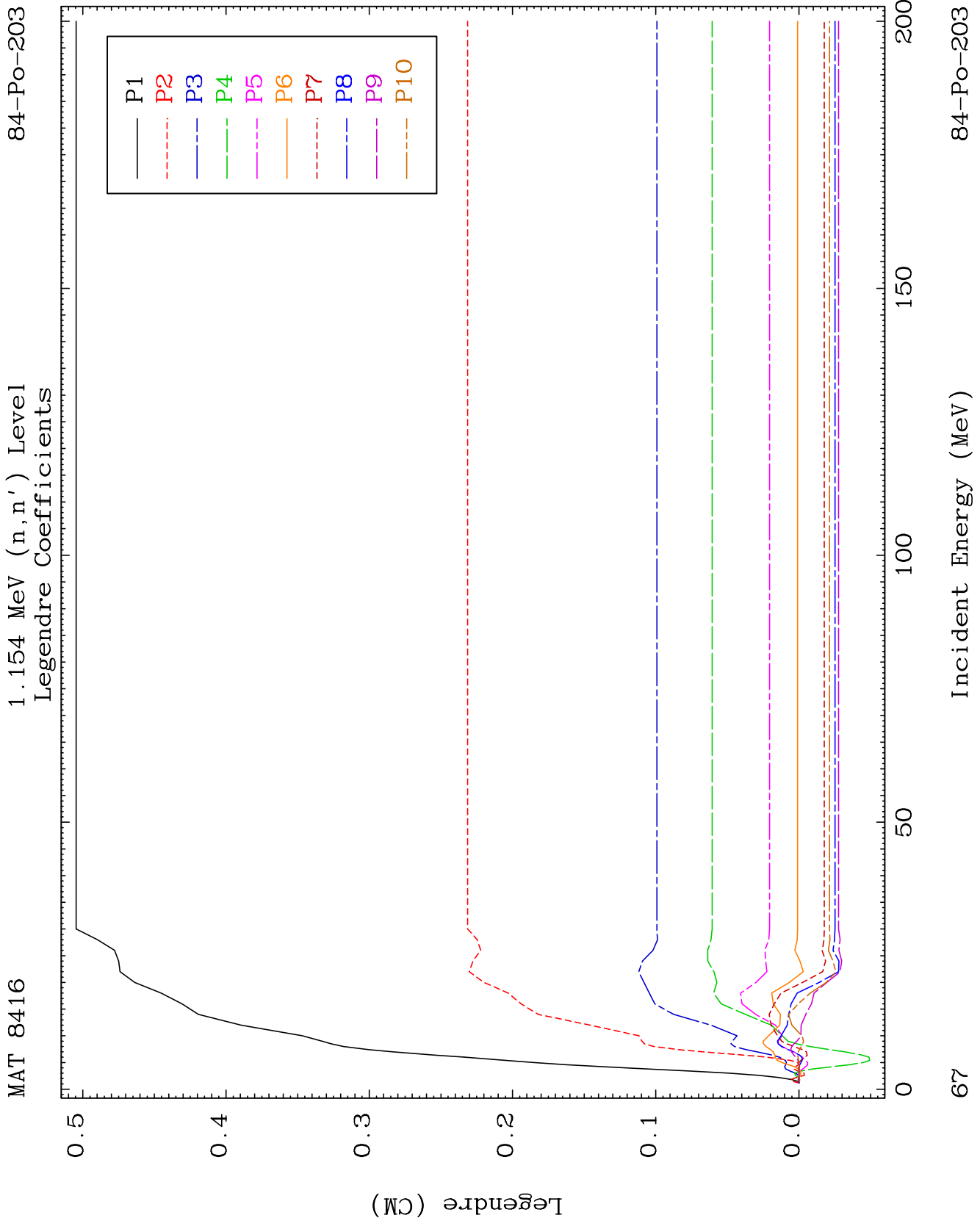
84-Po-203

MAT 8416

1.129 MeV (n,n') Level  
Legendre Coefficients

84-Po-203

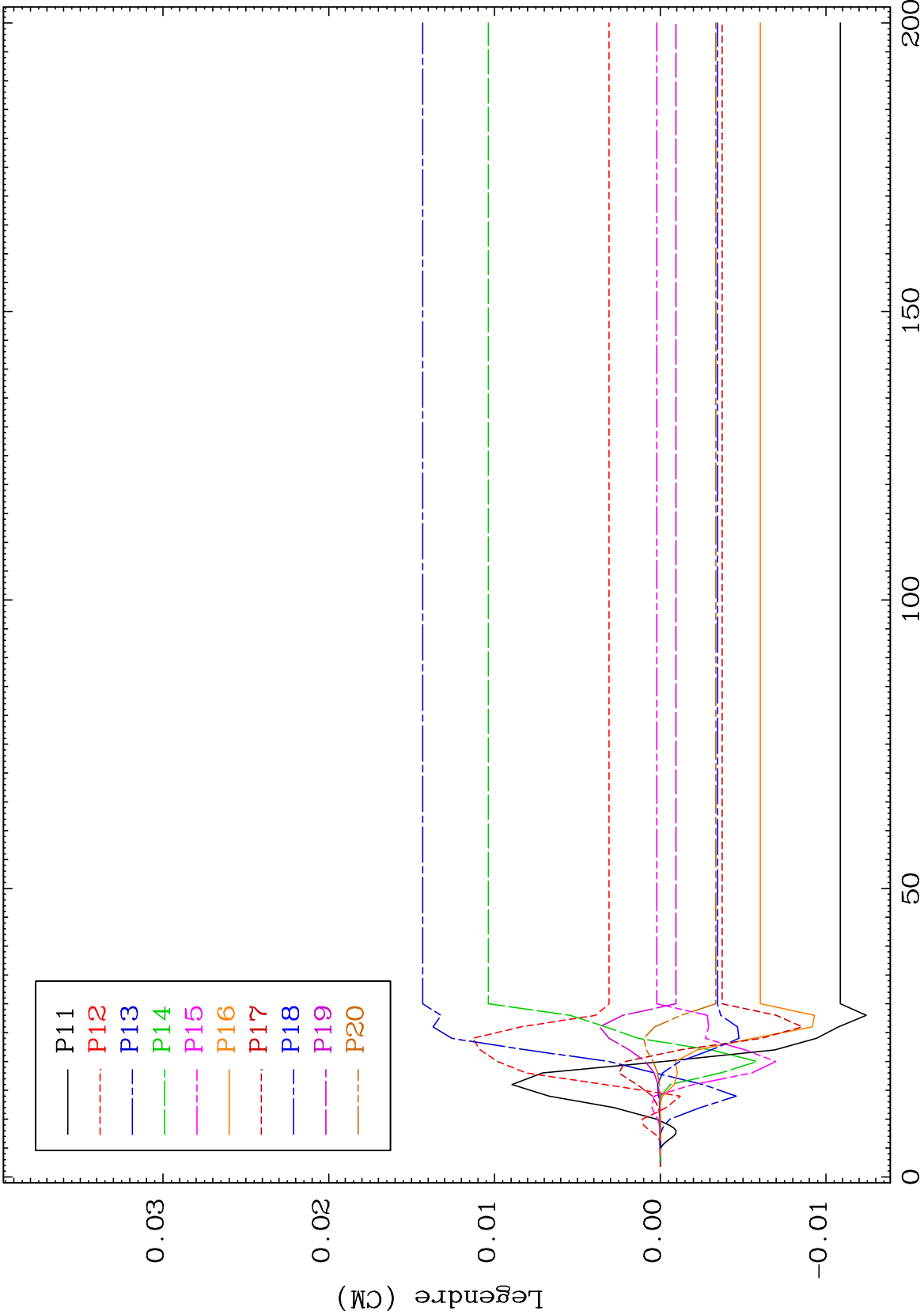




MAT 8416

1.154 MeV (n, n') Level  
Legendre Coefficients

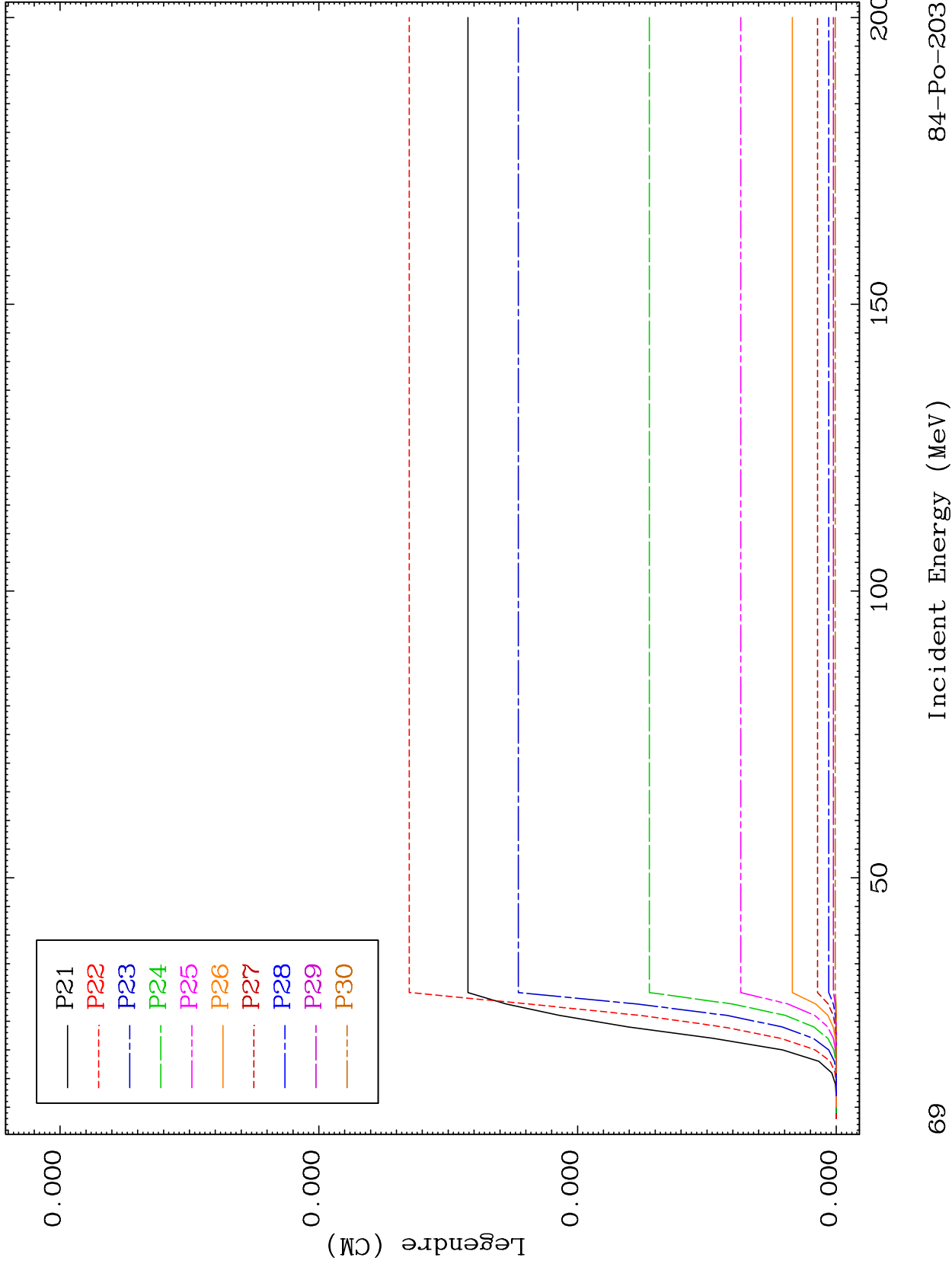
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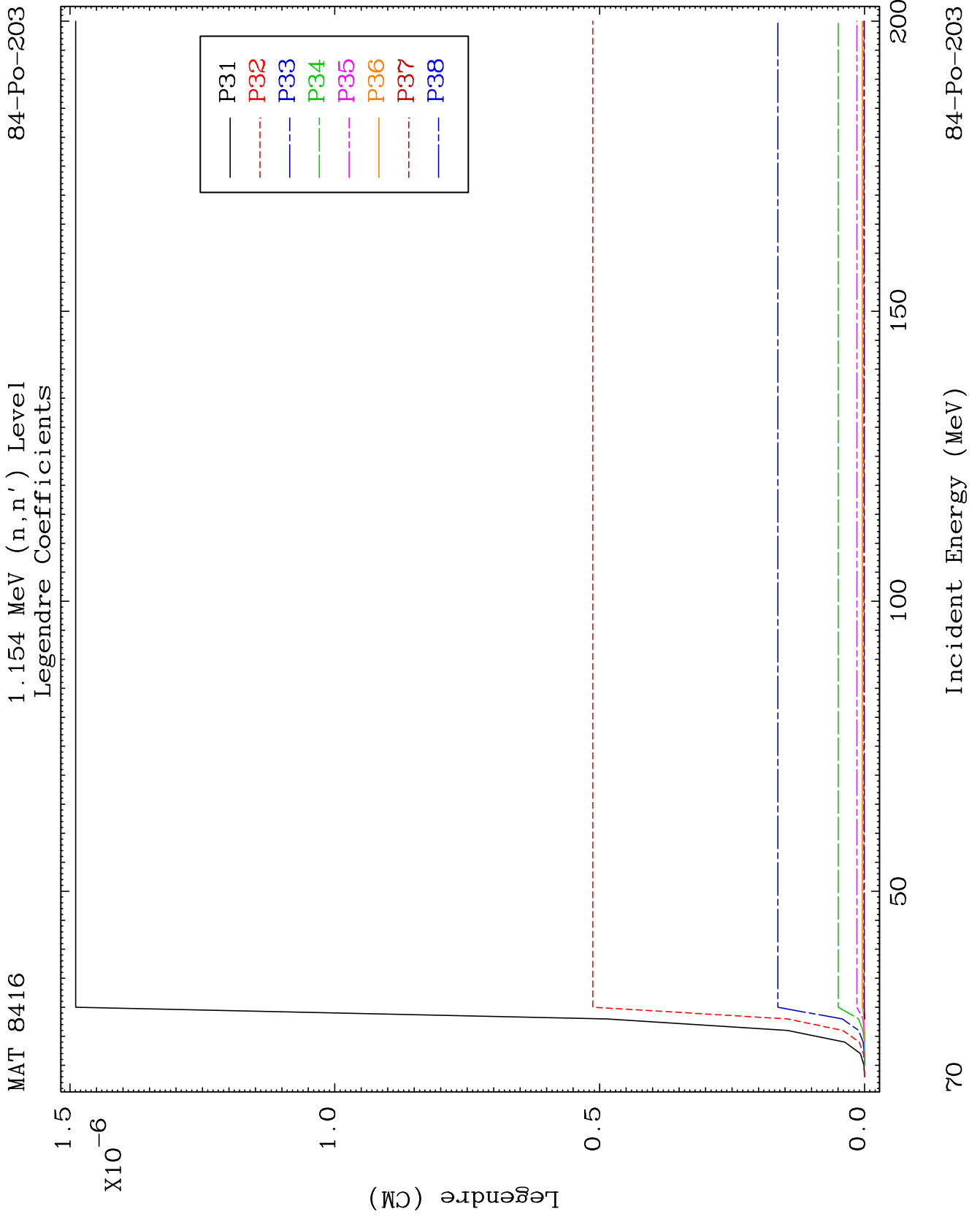


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Incident Energy (MeV)

84-Po-203

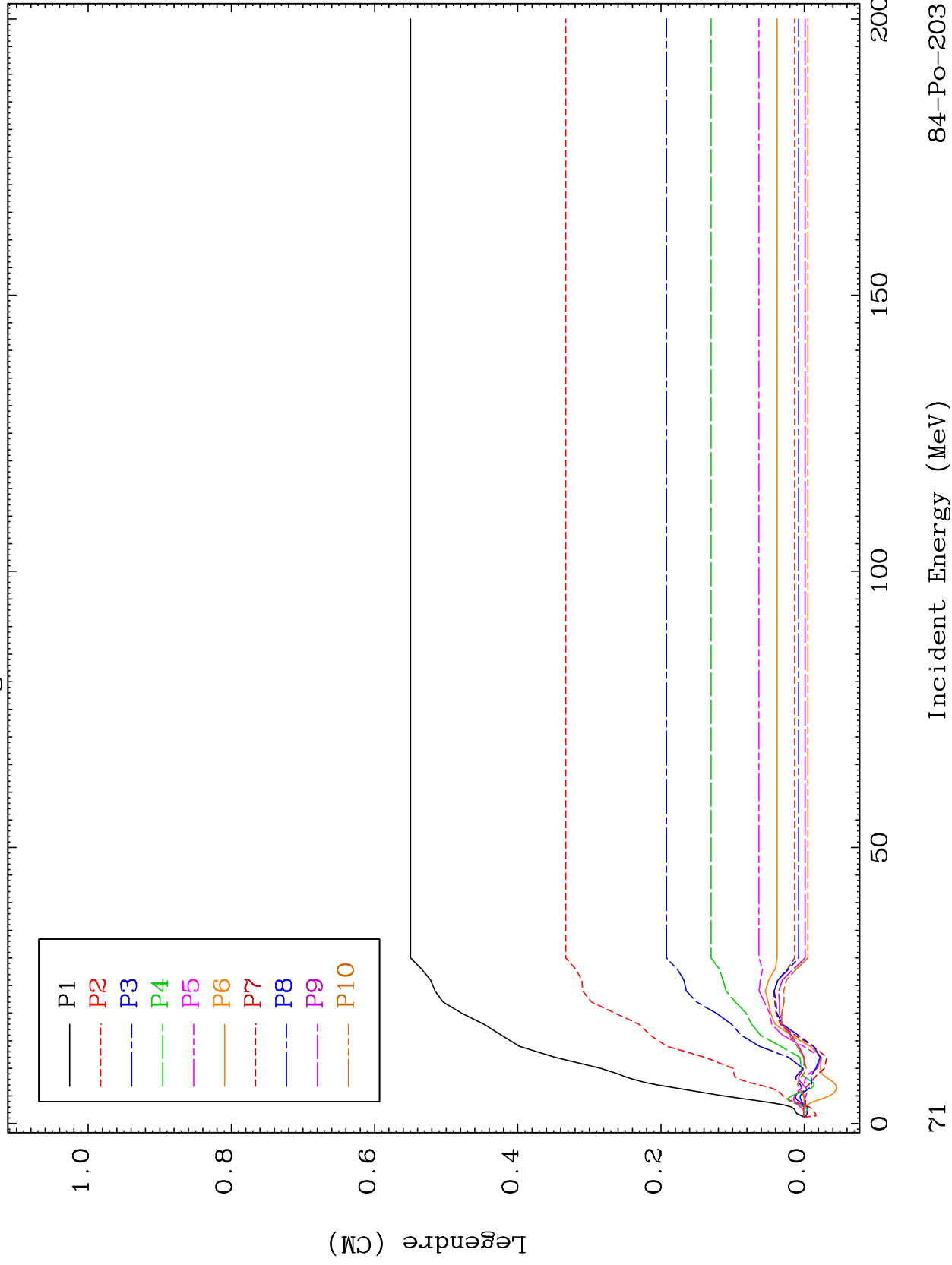




MAT 8416

1.175 MeV (n,n') Level  
Legendre Coefficients

84-Po-203



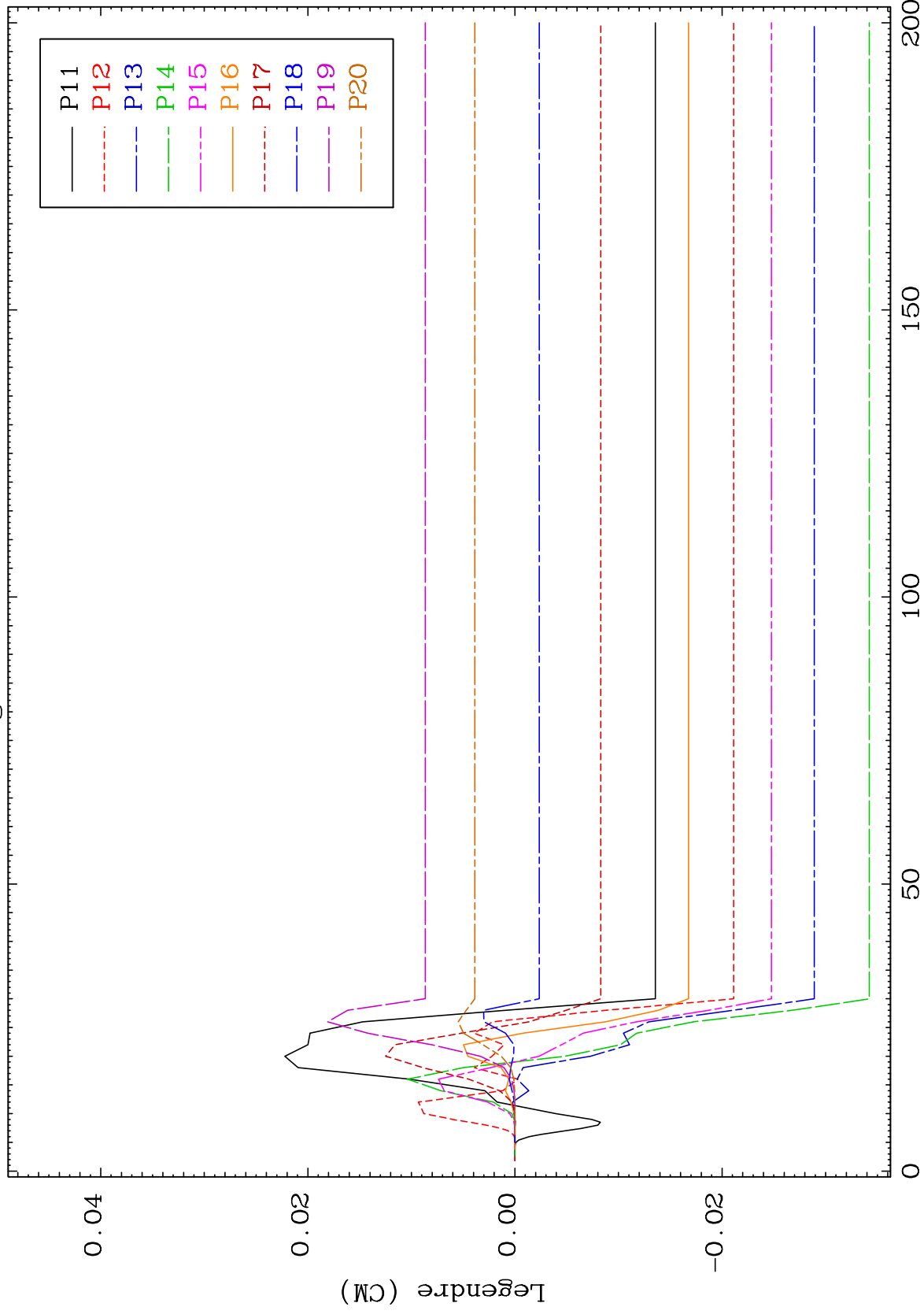
71



MAT 8416

1.175 MeV (n,n') Level  
Legendre Coefficients

84-Po-203



72

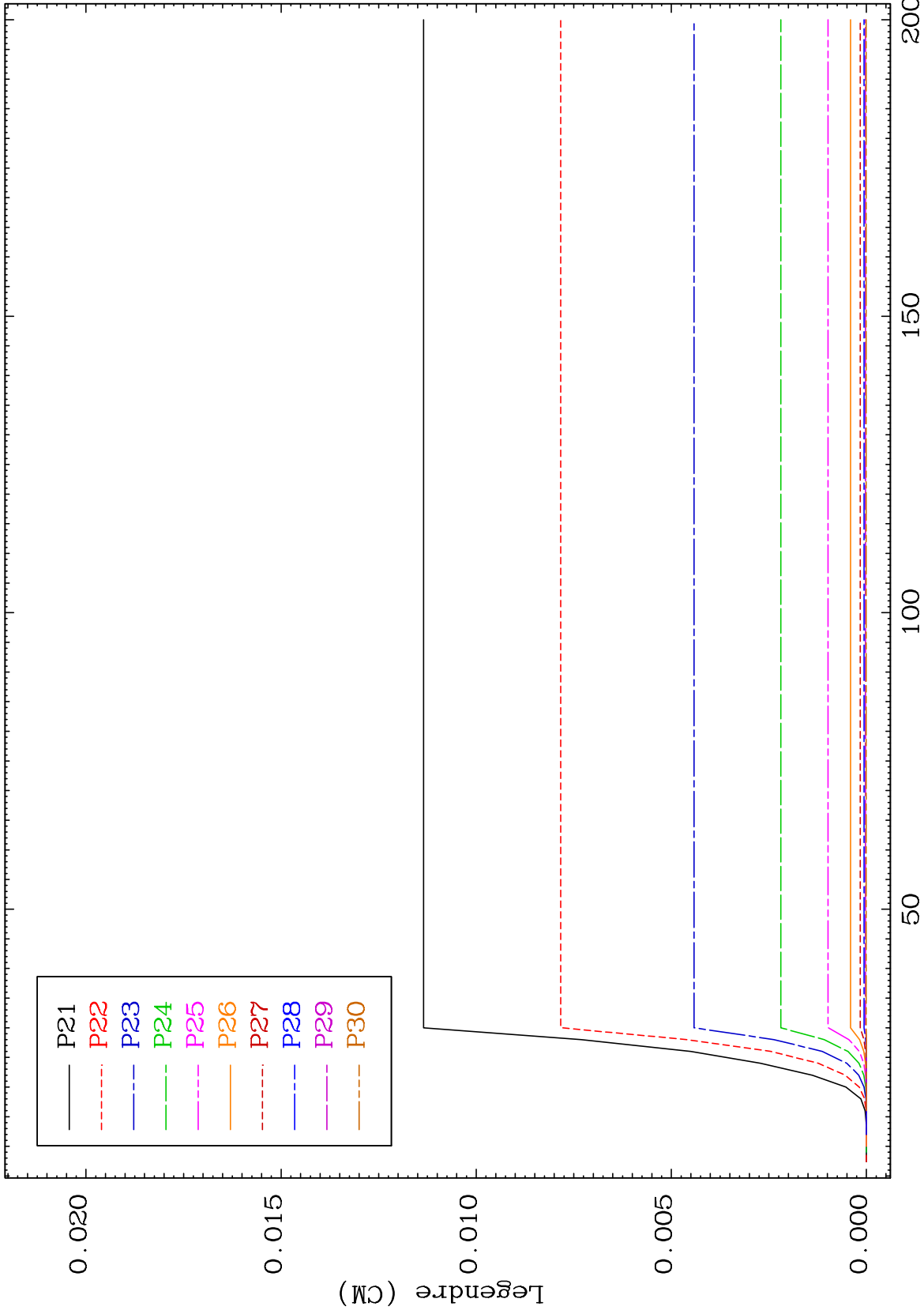
Incident Energy (MeV)

84-Po-203

MAT 8416

1.175 MeV (n, n') Level  
Legendre Coefficients

84-Po-203

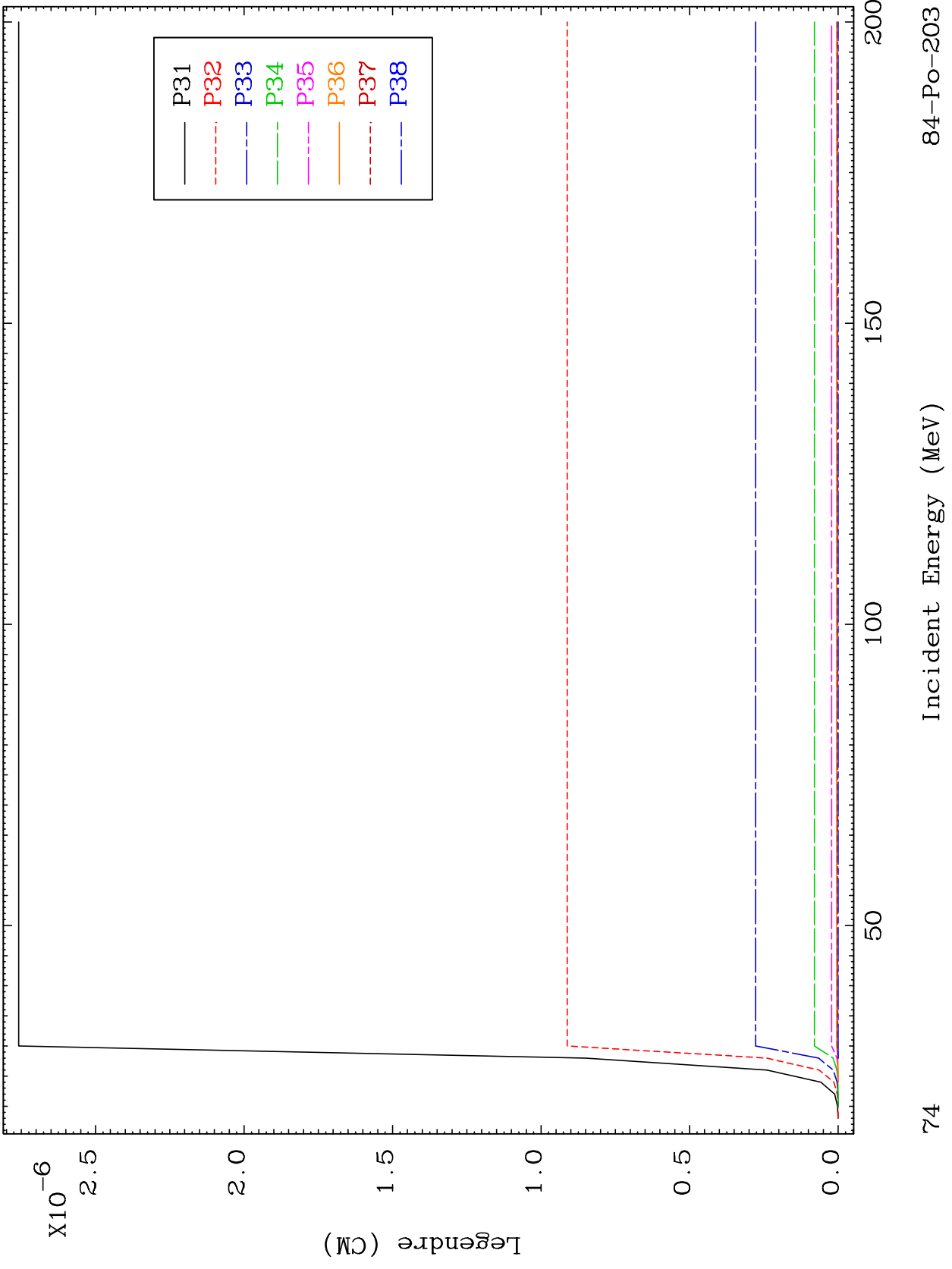


73

Incident Energy (MeV)

84-Po-203

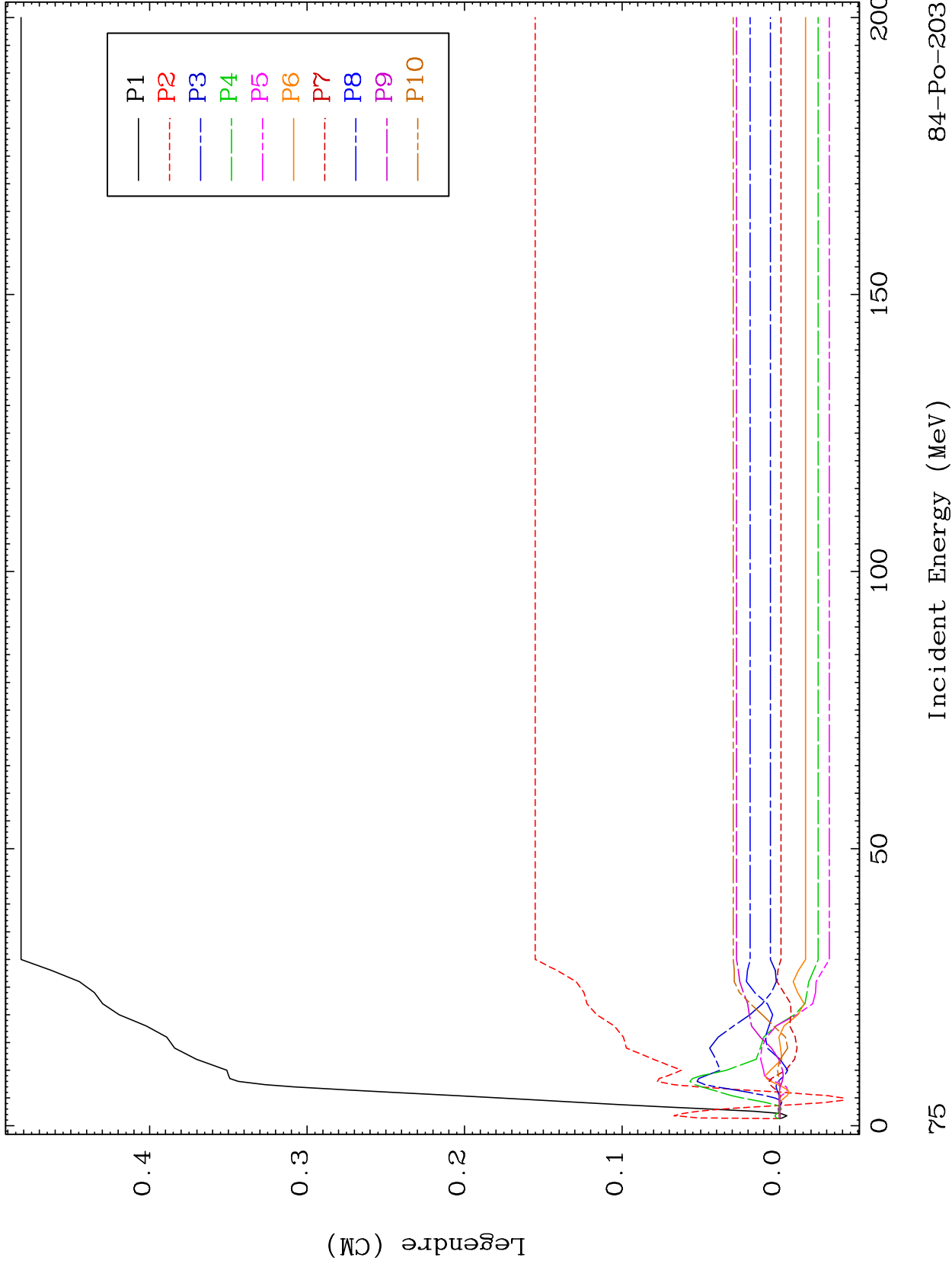
MAT 8416 1.175 MeV (n,n') Level Legendre Coefficients 84-Po-203



MAT 8416

1.255 MeV (n,n') Level  
Legendre Coefficients

84-Po-203



84-Po-203

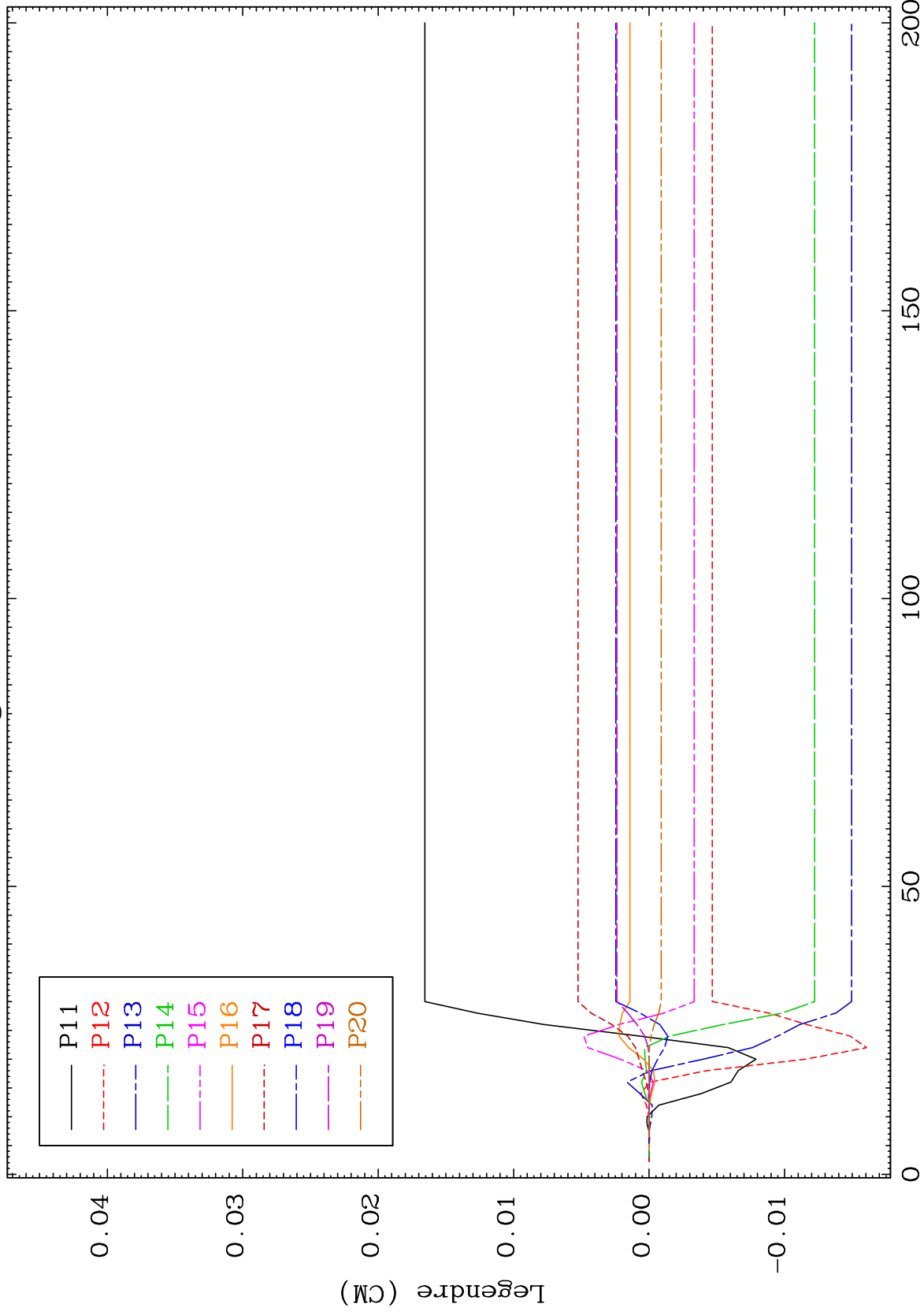
Incident Energy (MeV)

75

MAT 8416

1.255 MeV (n, n') Level  
Legendre Coefficients

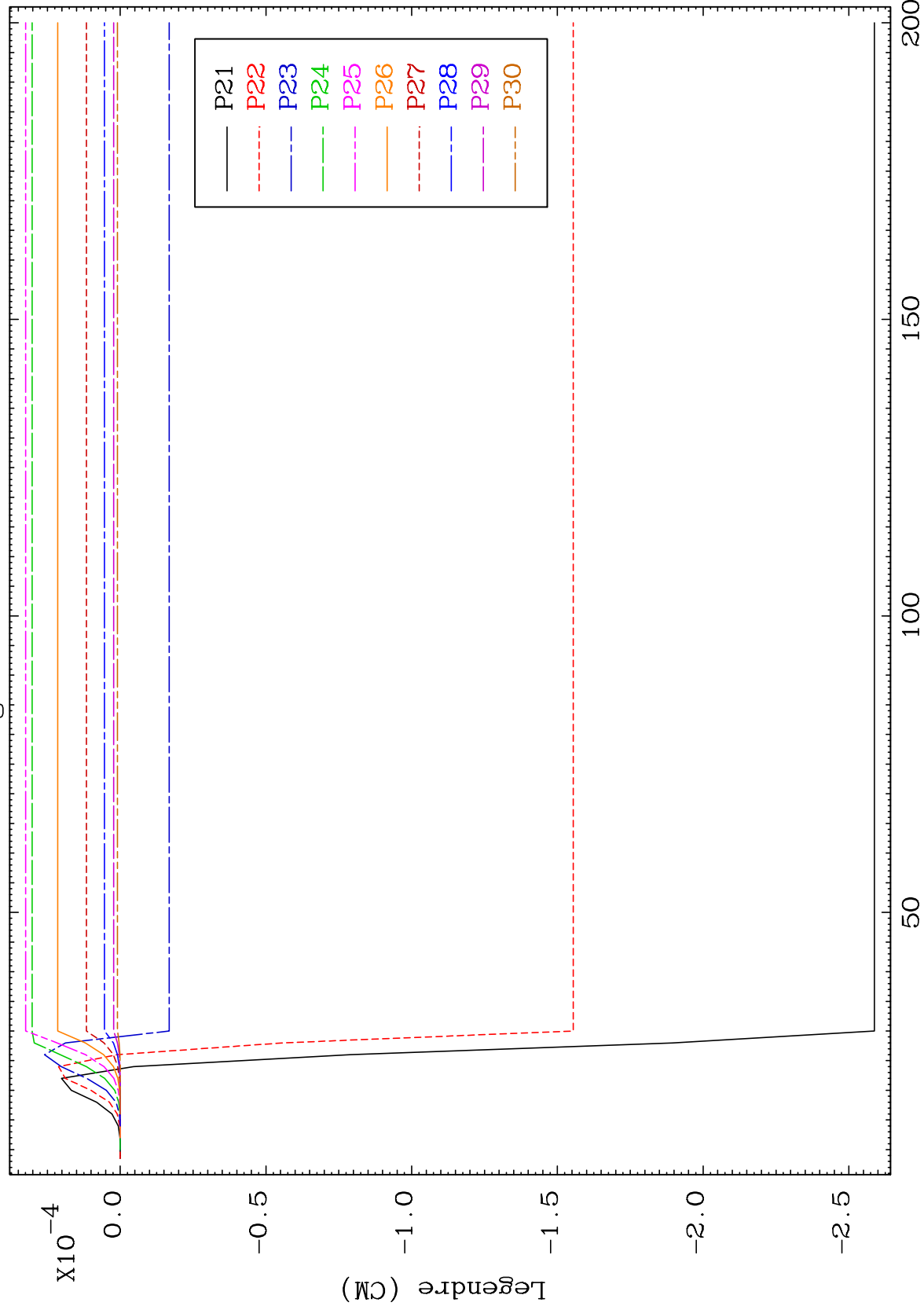
84-Po-203



76

Incident Energy (MeV)

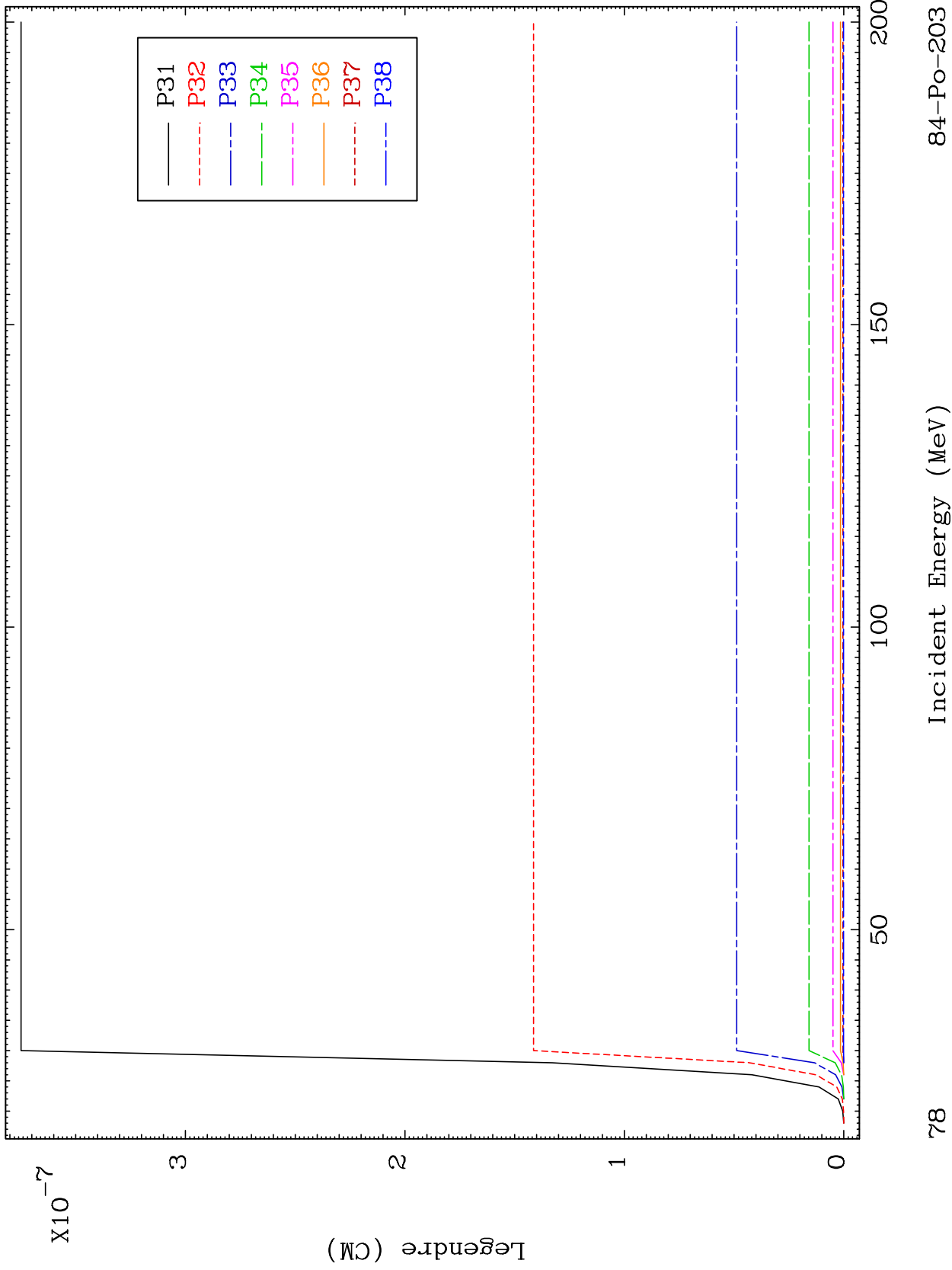
84-Po-203



MAT 8416

1.255 MeV (n,n') Level  
Legendre Coefficients

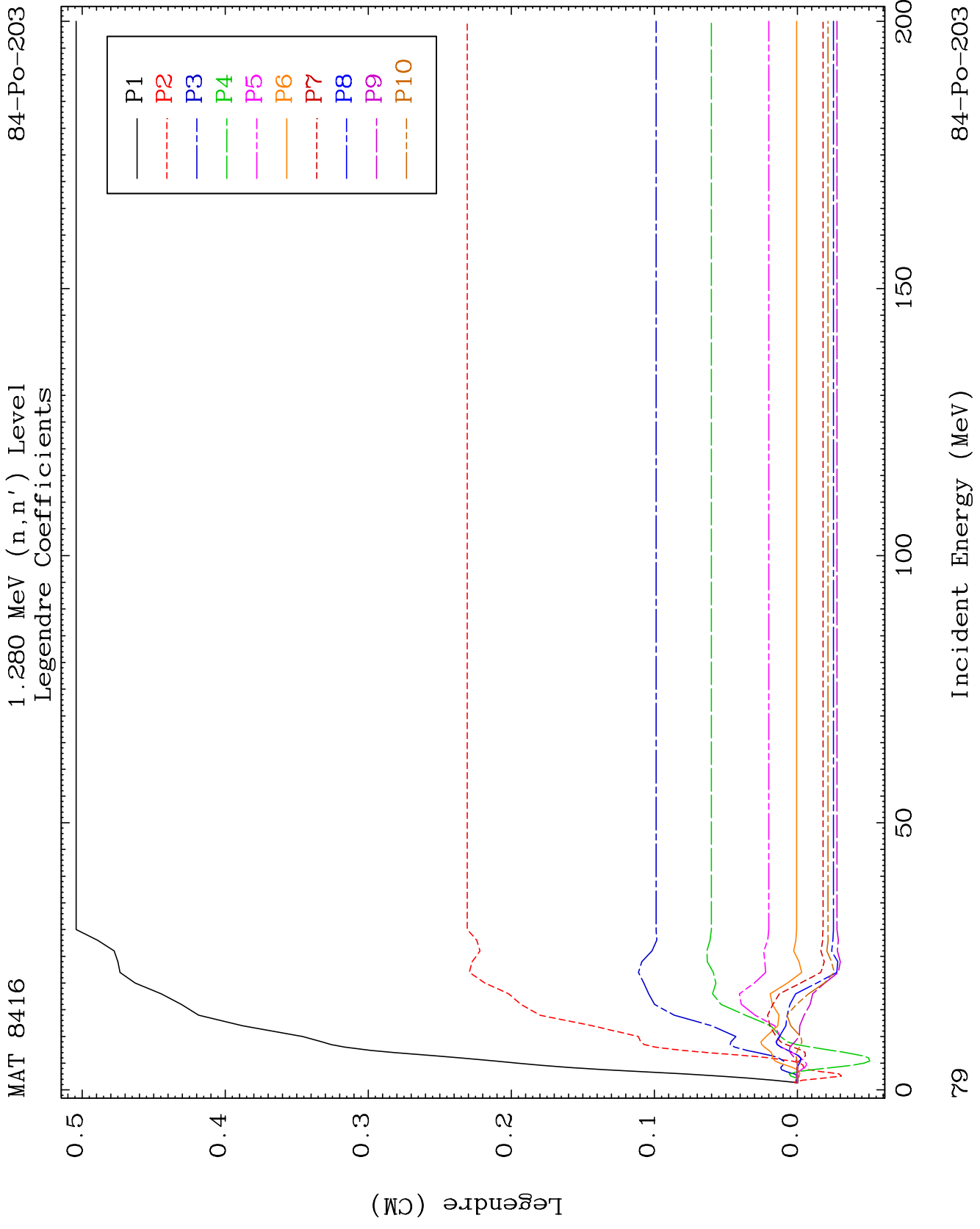
84-Po-203



78

Incident Energy (MeV)

84-Po-203

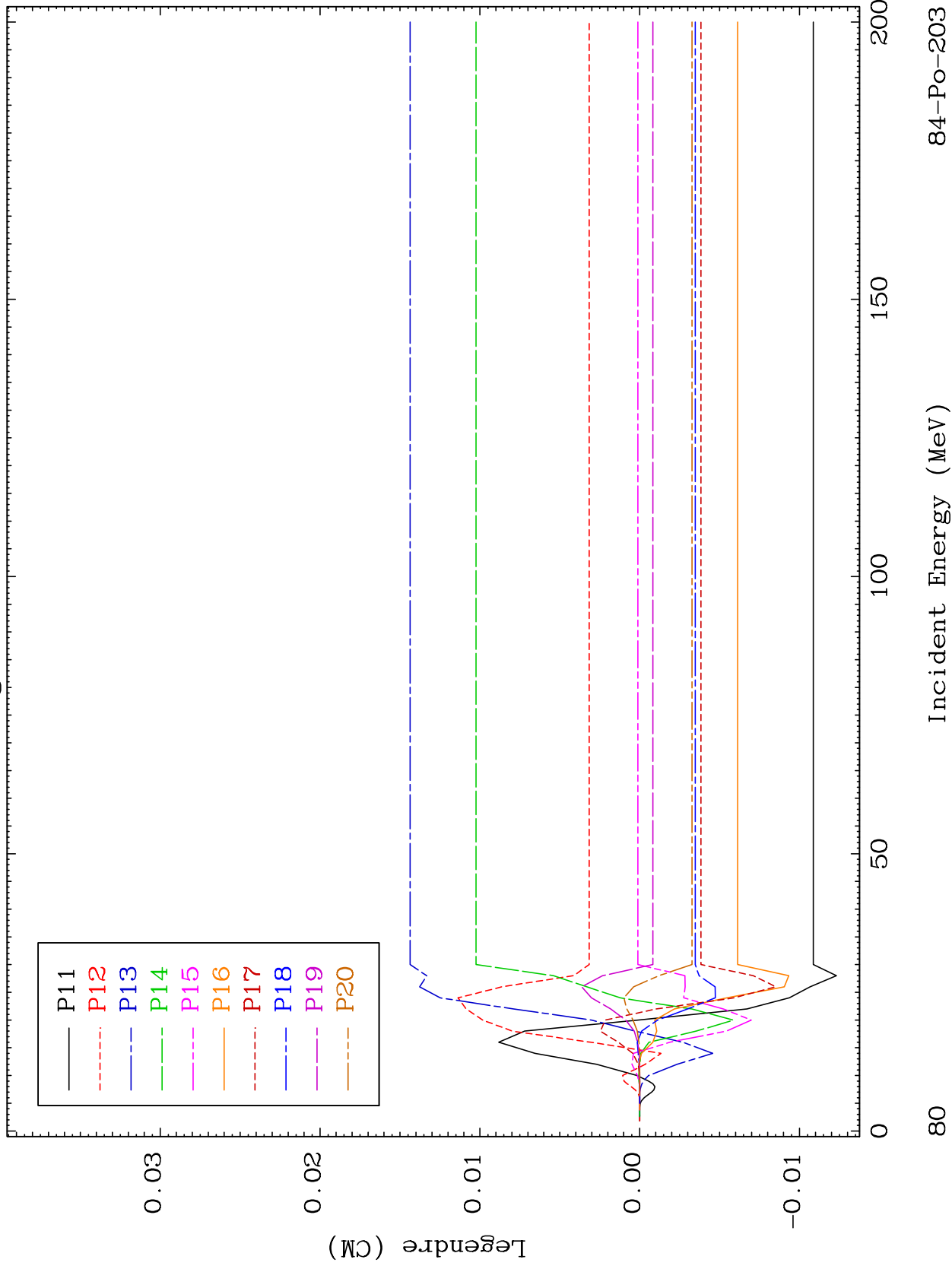




MAT 8416

1.280 MeV (n,n') Level  
Legendre Coefficients

84-Po-203



84-Po-203

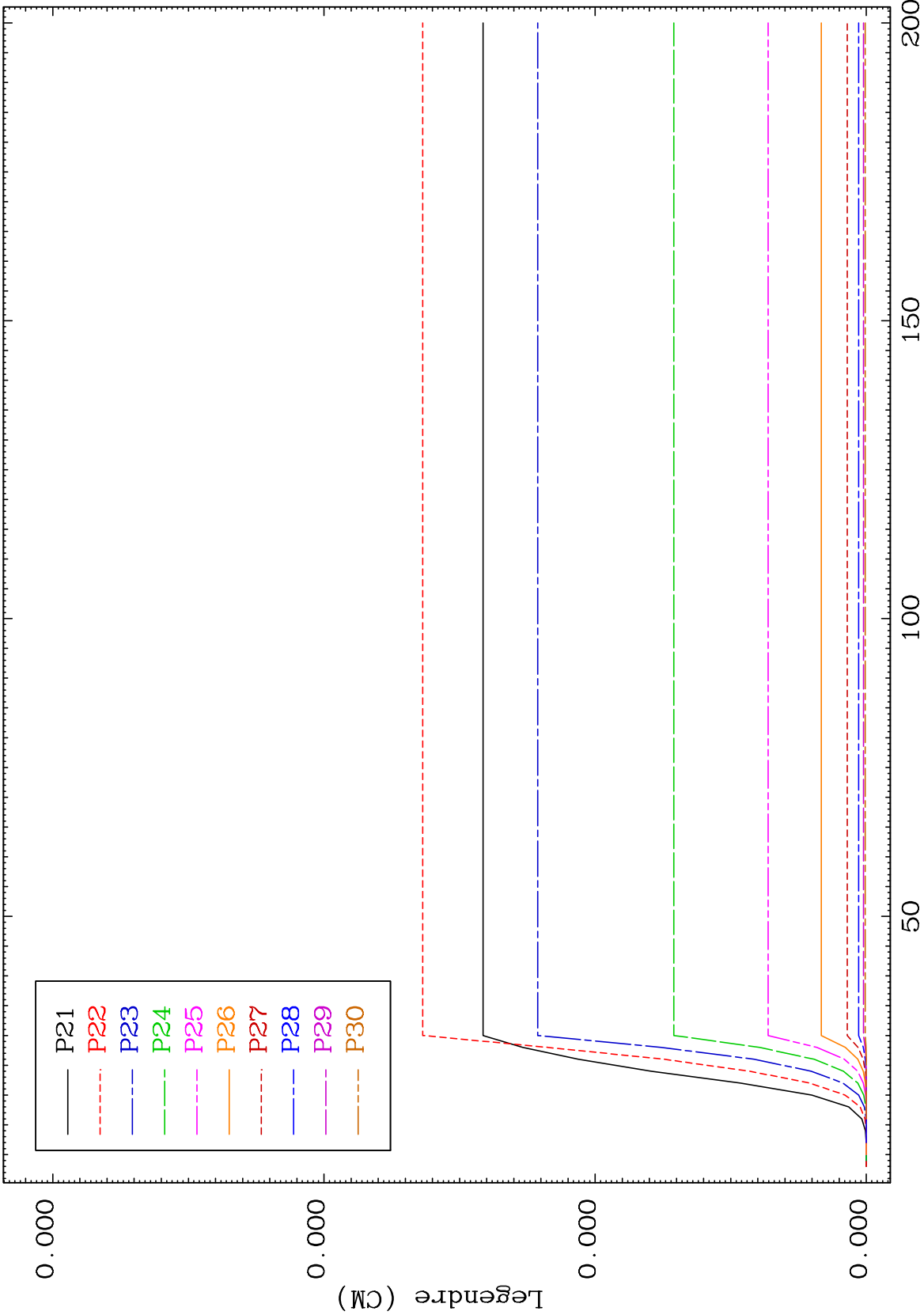
Incident Energy (MeV)

80

MAT 8416

1.280 MeV (n,n') Level  
Legendre Coefficients

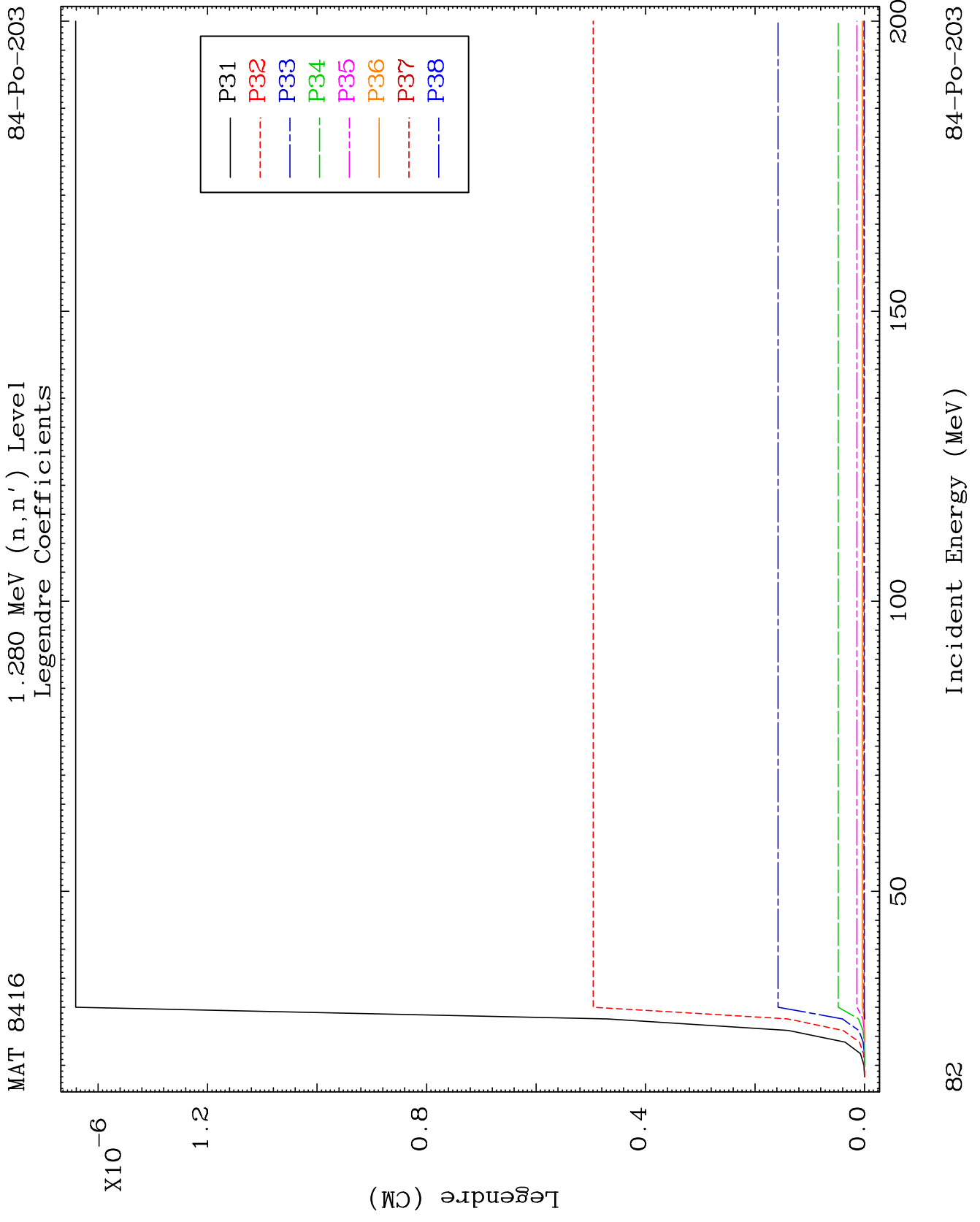
84-Po-203

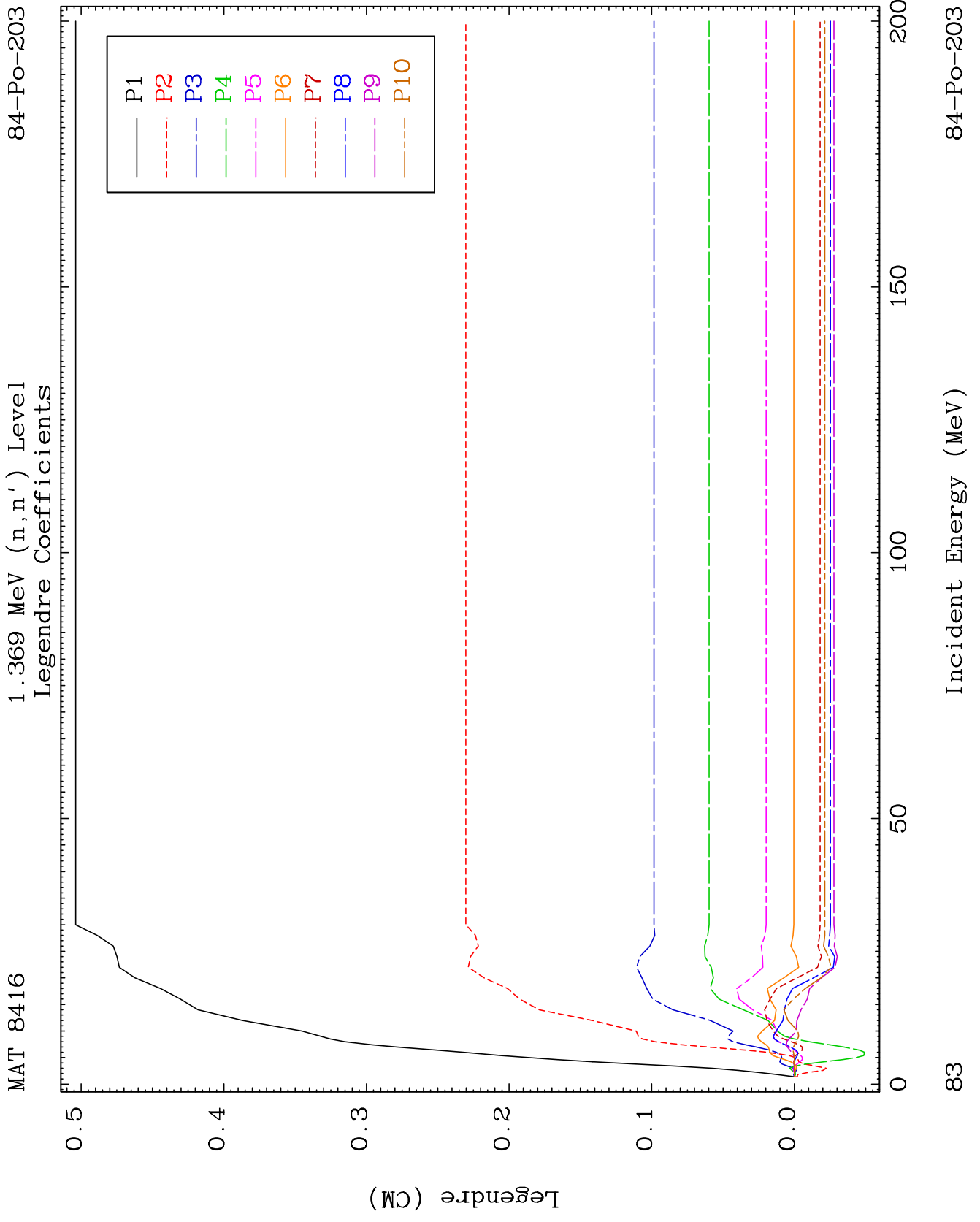


81

Incident Energy (MeV)

84-Po-203

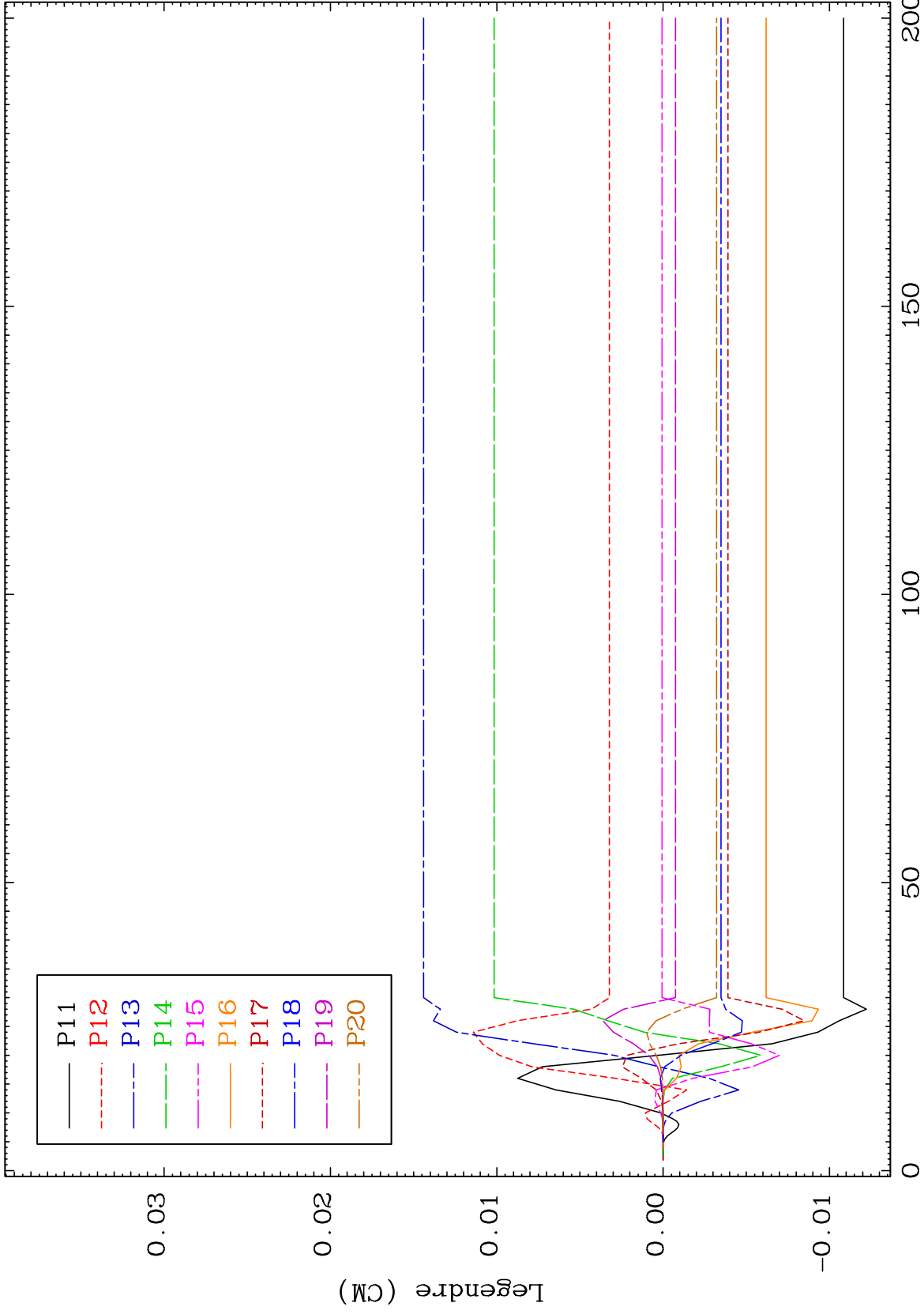




MAT 8416

1.369 MeV (n, n') Level  
Legendre Coefficients

84-Po-203



84

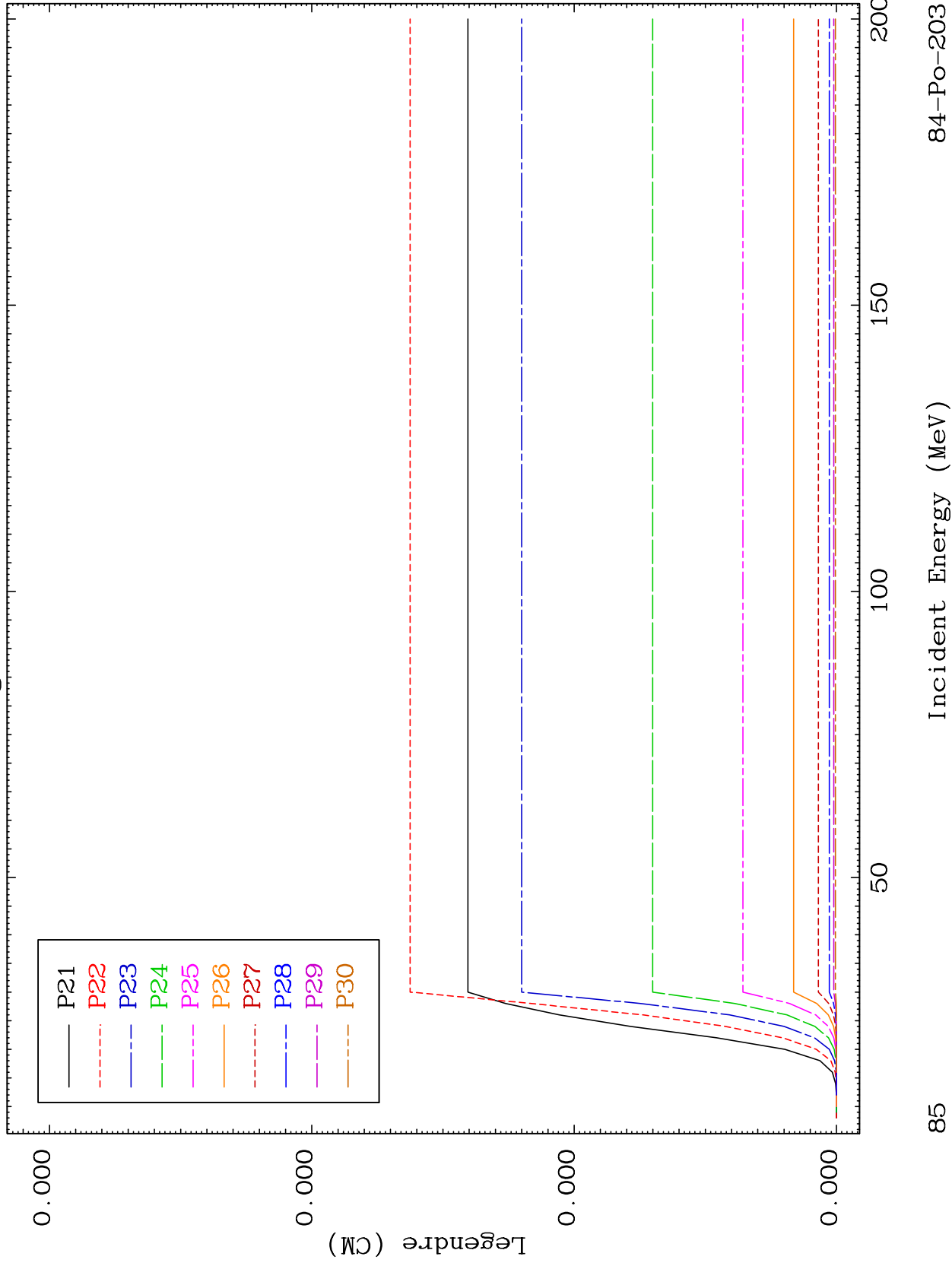
Incident Energy (MeV)

84-Po-203

MAT 8416

1.369 MeV (n,n') Level  
Legendre Coefficients

84-Po-203



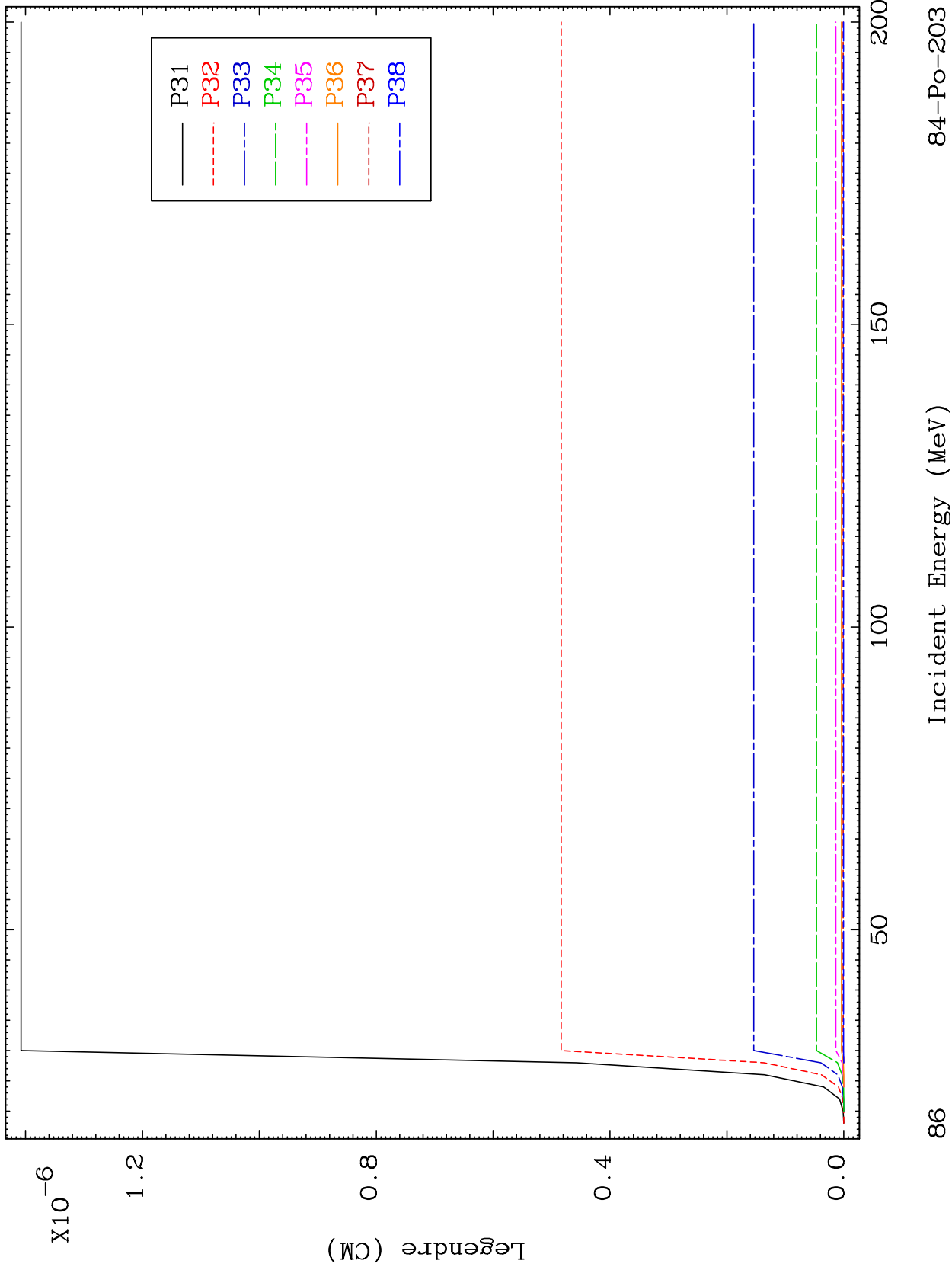
85

84-Po-203

MAT 8416

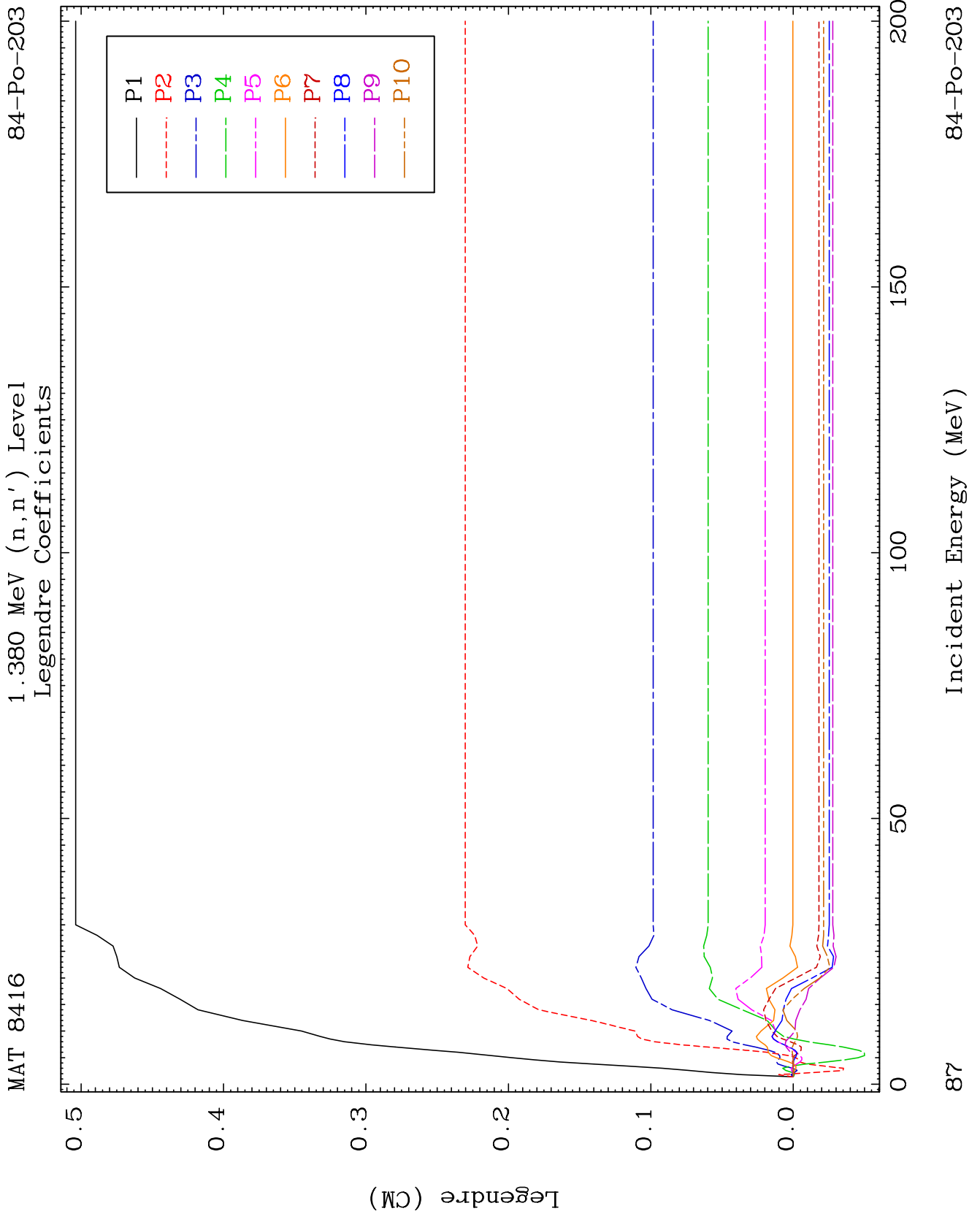
1.369 MeV (n,n') Level  
Legendre Coefficients

84-Po-203



86

84-Po-203

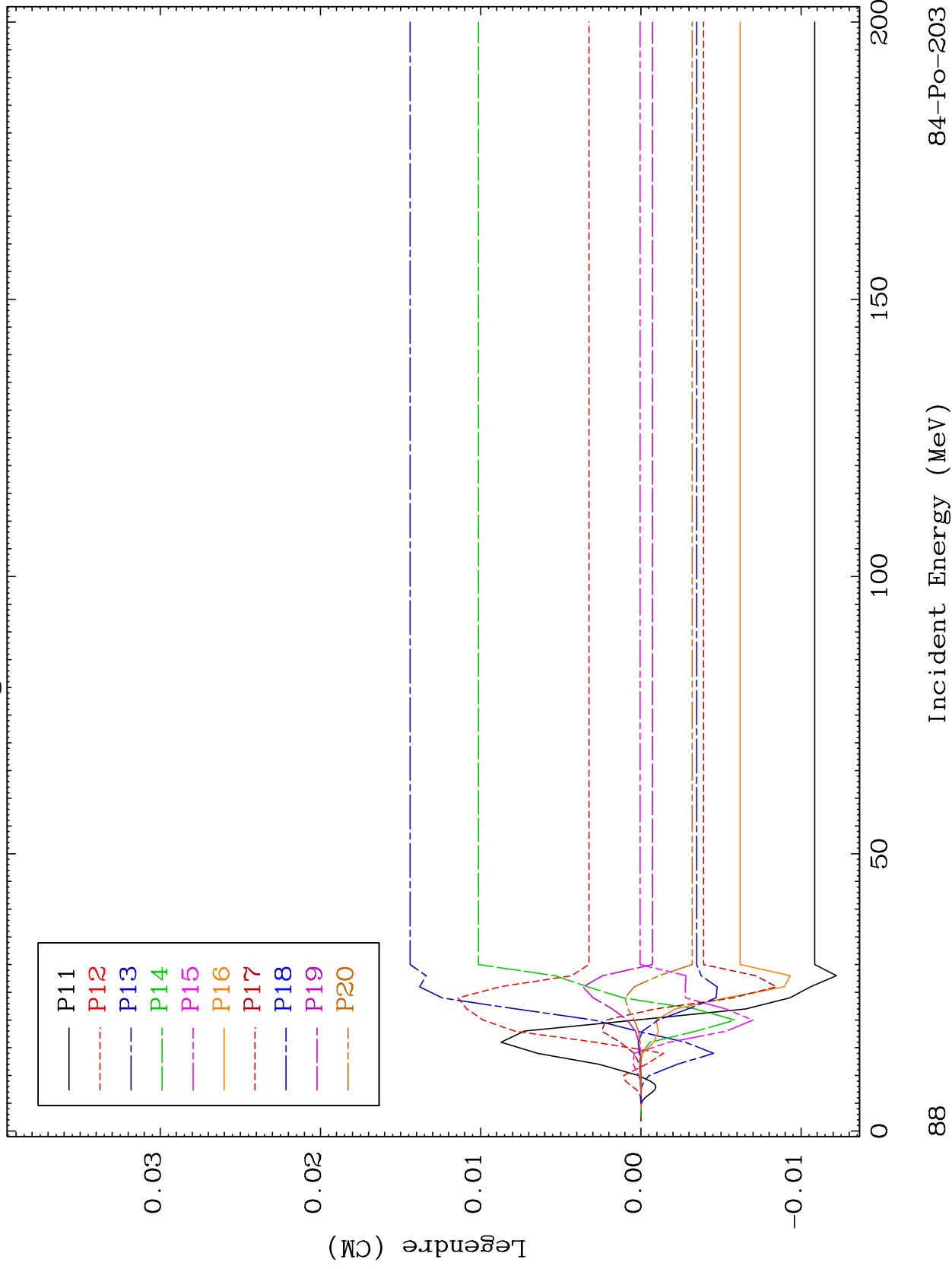




MAT 8416

1.380 MeV (n,n') Level  
Legendre Coefficients

84-Po-203



88

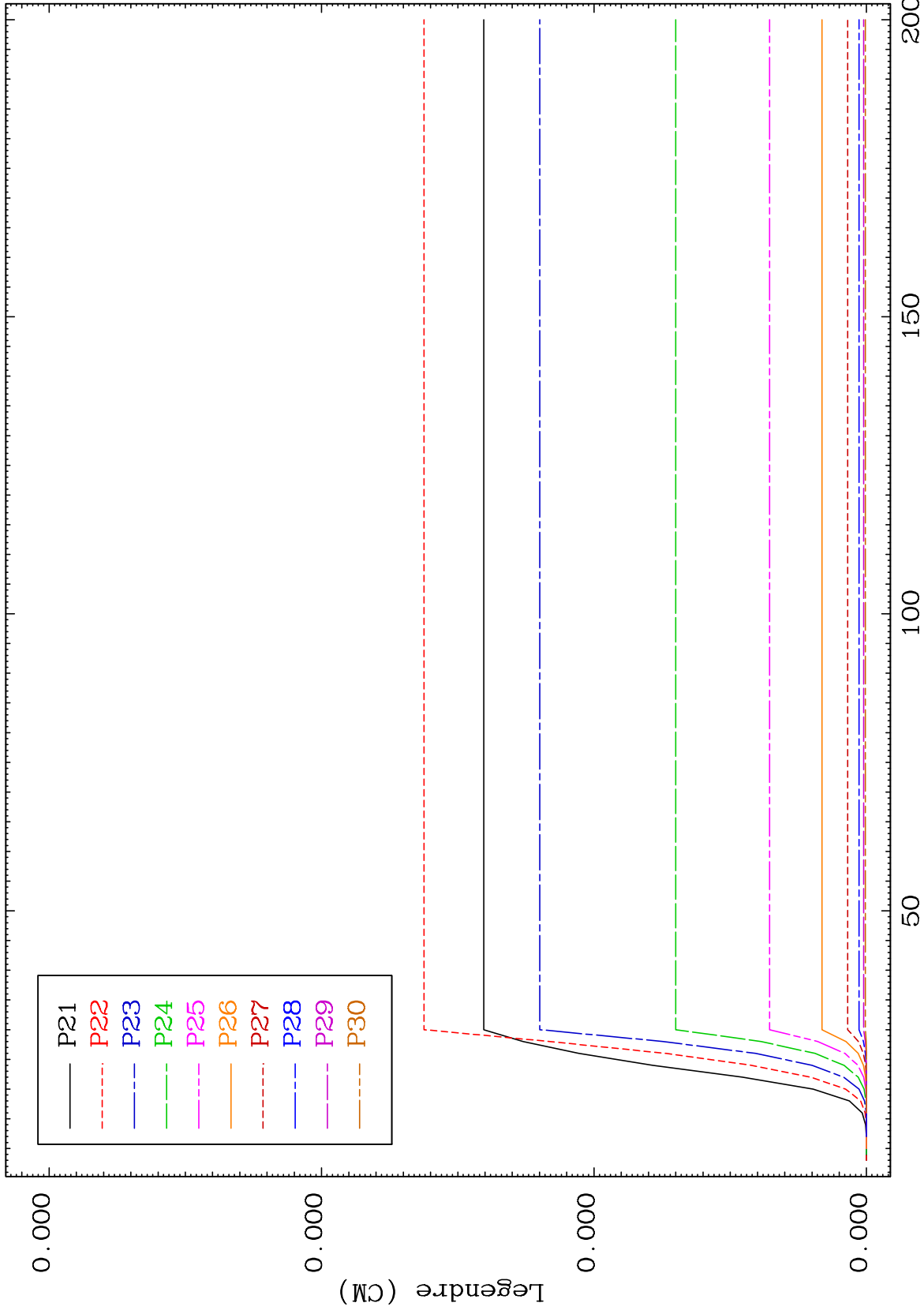
Incident Energy (MeV)

84-Po-203

MAT 8416

1.380 MeV (n,n') Level  
Legendre Coefficients

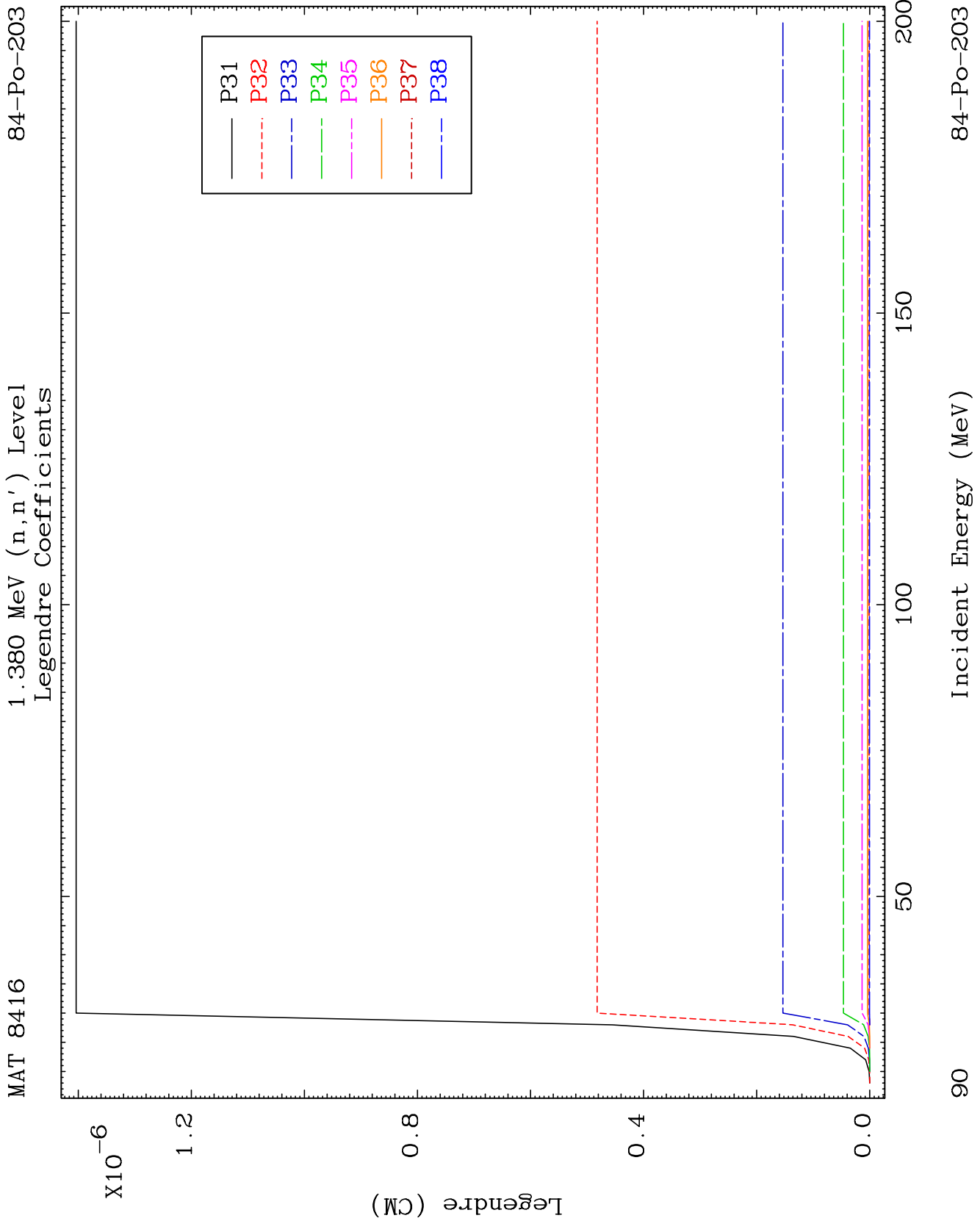
84-Po-203



89

Incident Energy (MeV)

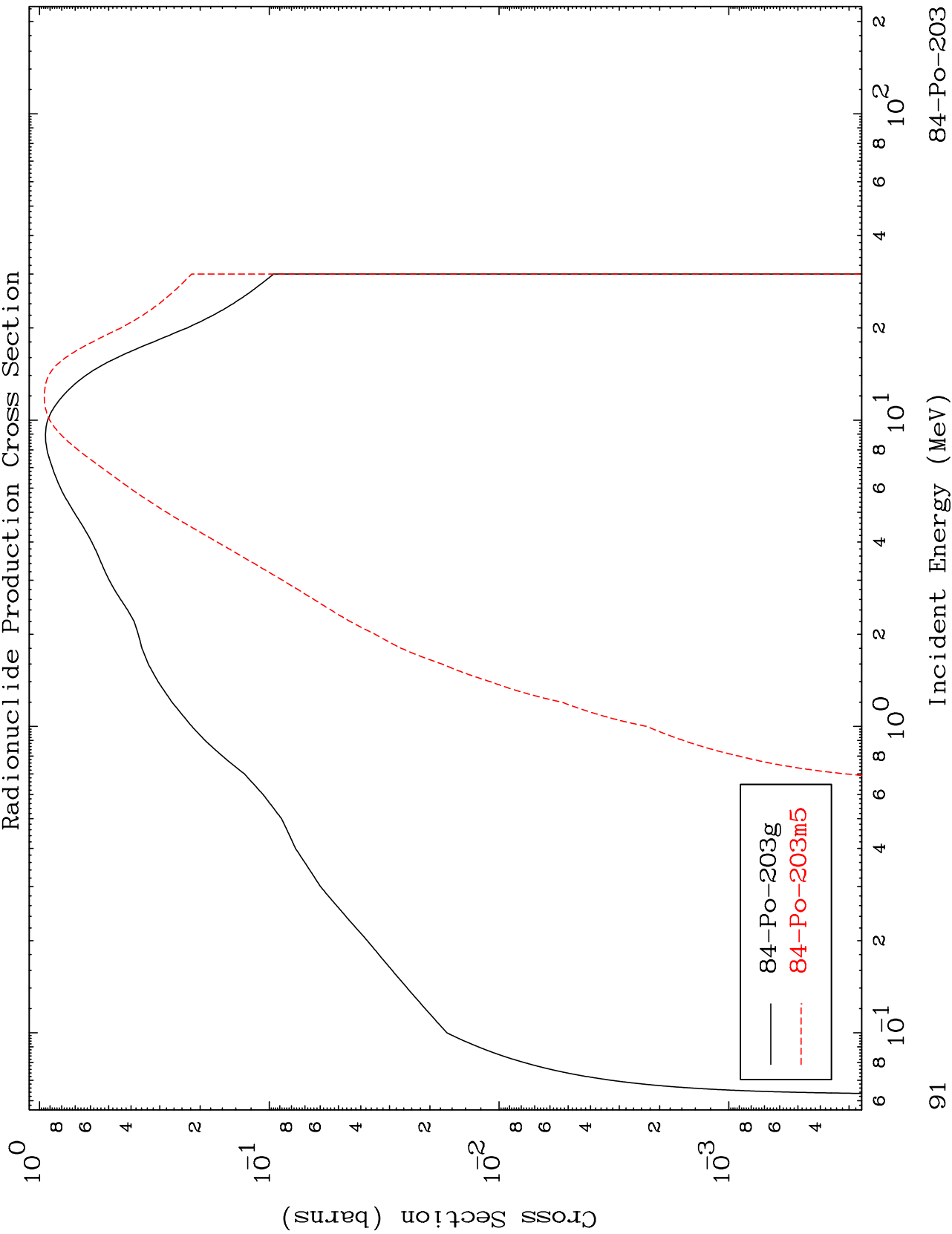
84-Po-203



MAT 8416

84-Po-203

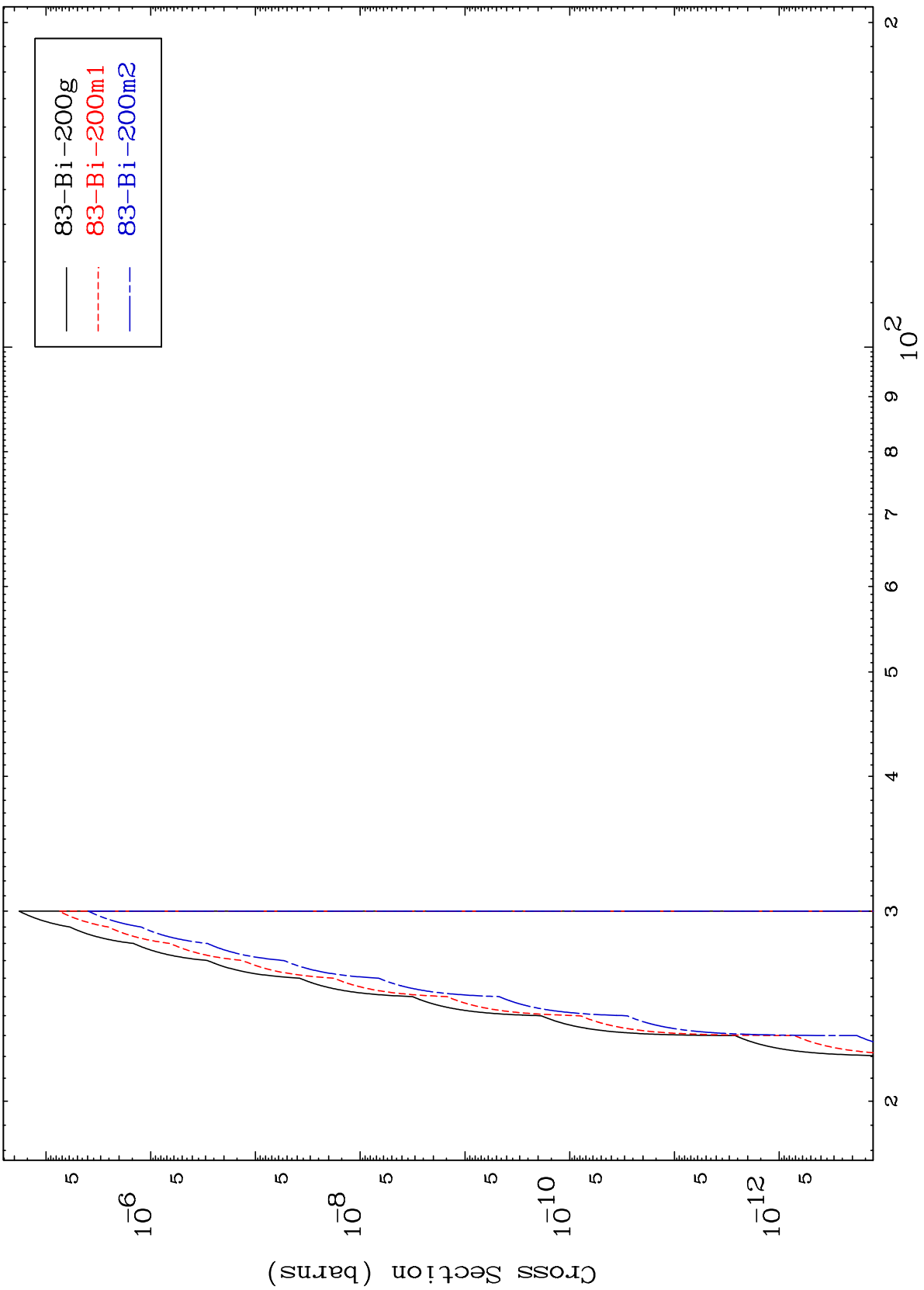
Inelastic  
Radionuclide Production Cross Section



91

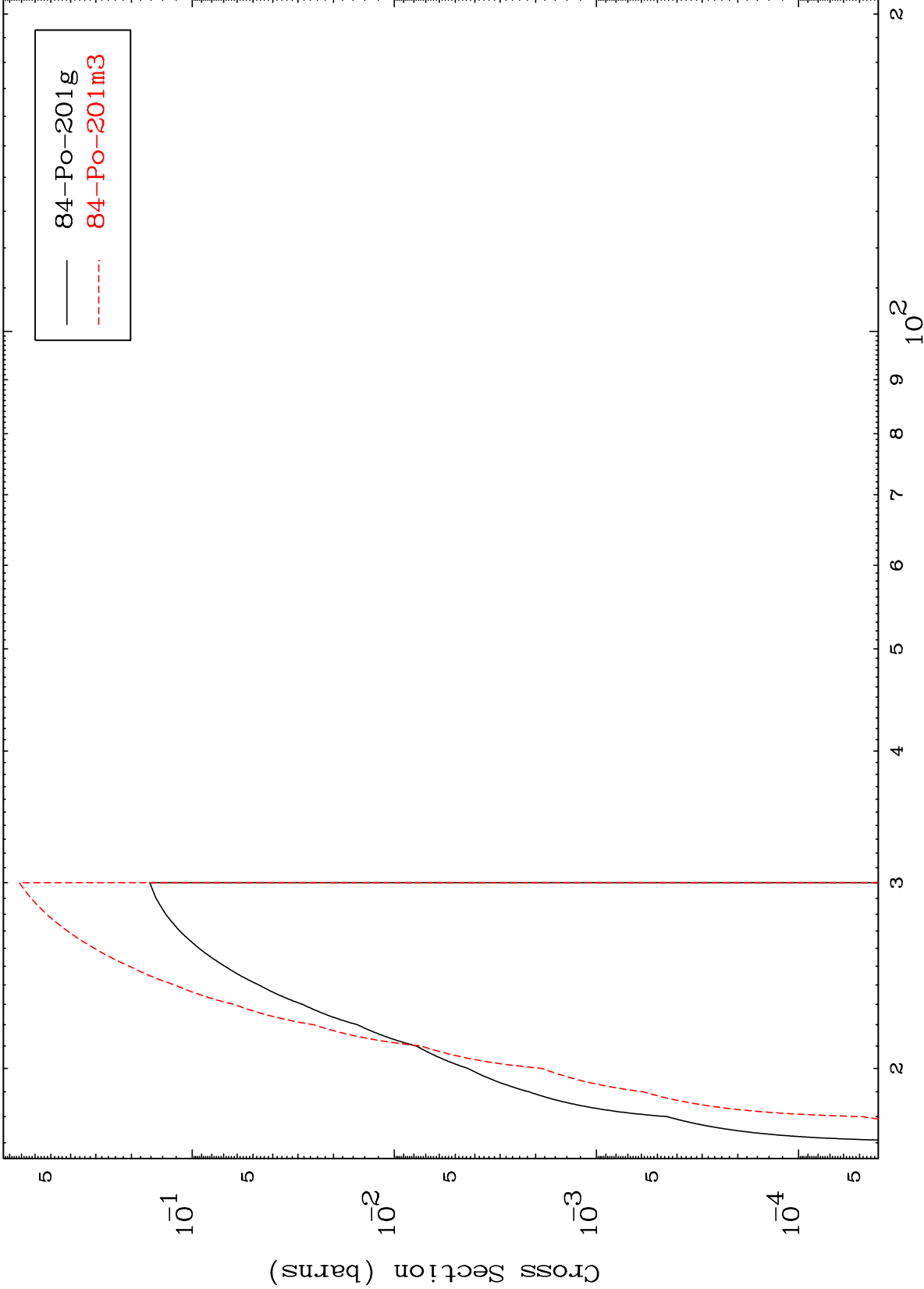
84-Po-203

Radionuclide Production Cross Section



83-Bi-200g  
83-Bi-200m1  
83-Bi-200m2

Radionuclide Production Cross Section

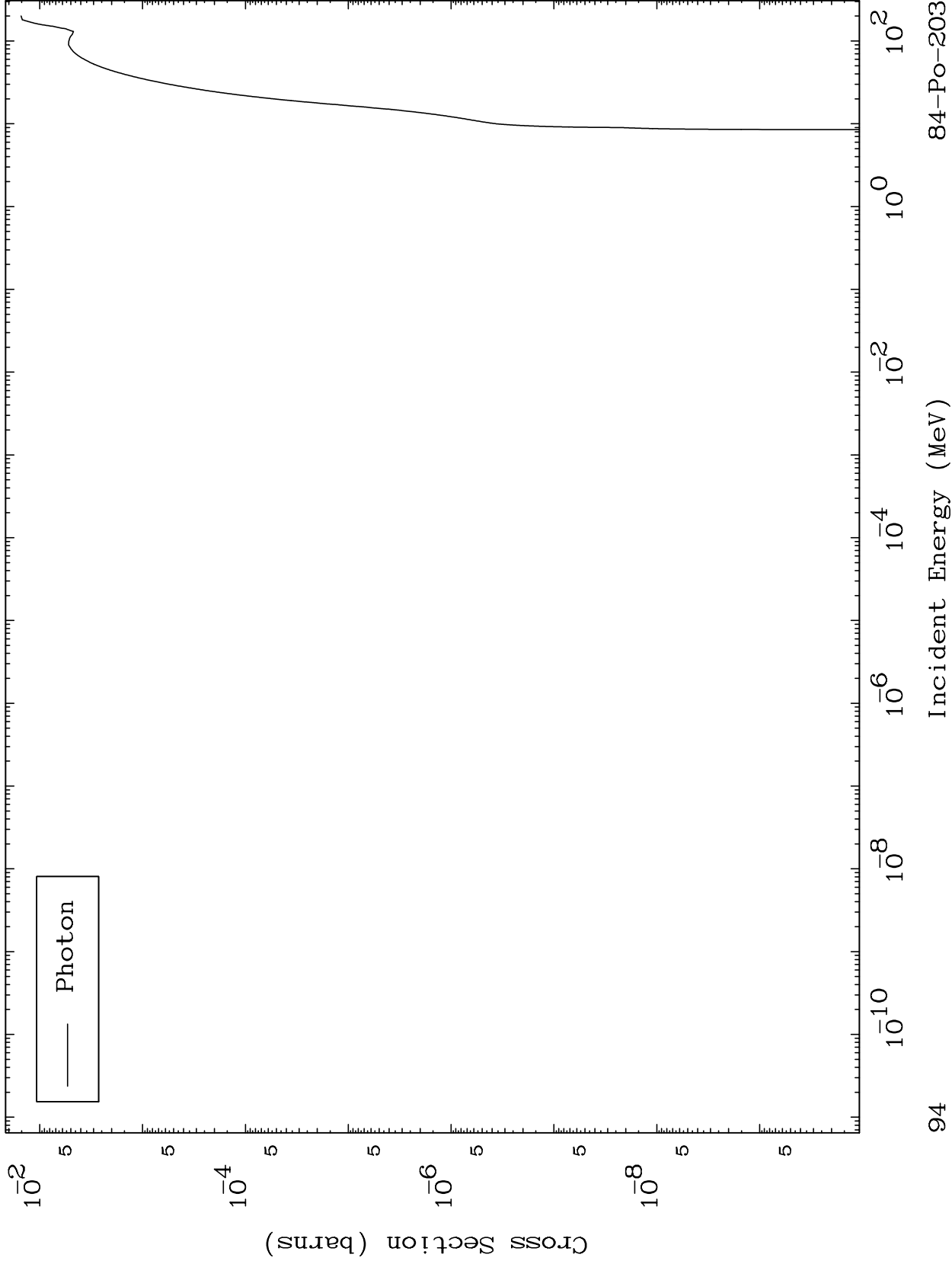


MAT 8416

Fission

84-Po-203

Radionuclide Production Cross Section



94

Incident Energy (MeV)

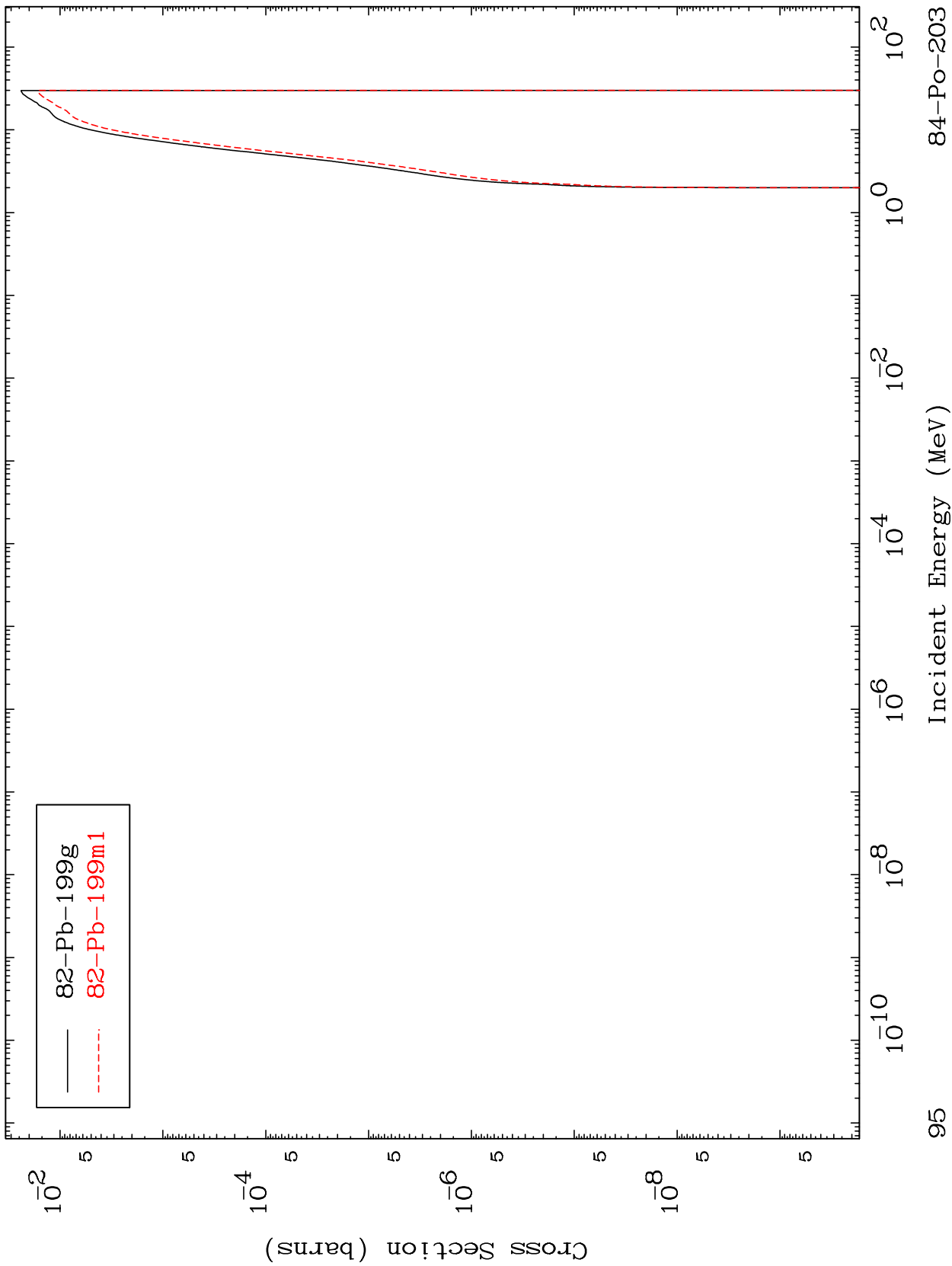
84-Po-203

MAT 8416

$(n, n') \alpha$

84-Po-203

Radionuclide Production Cross Section



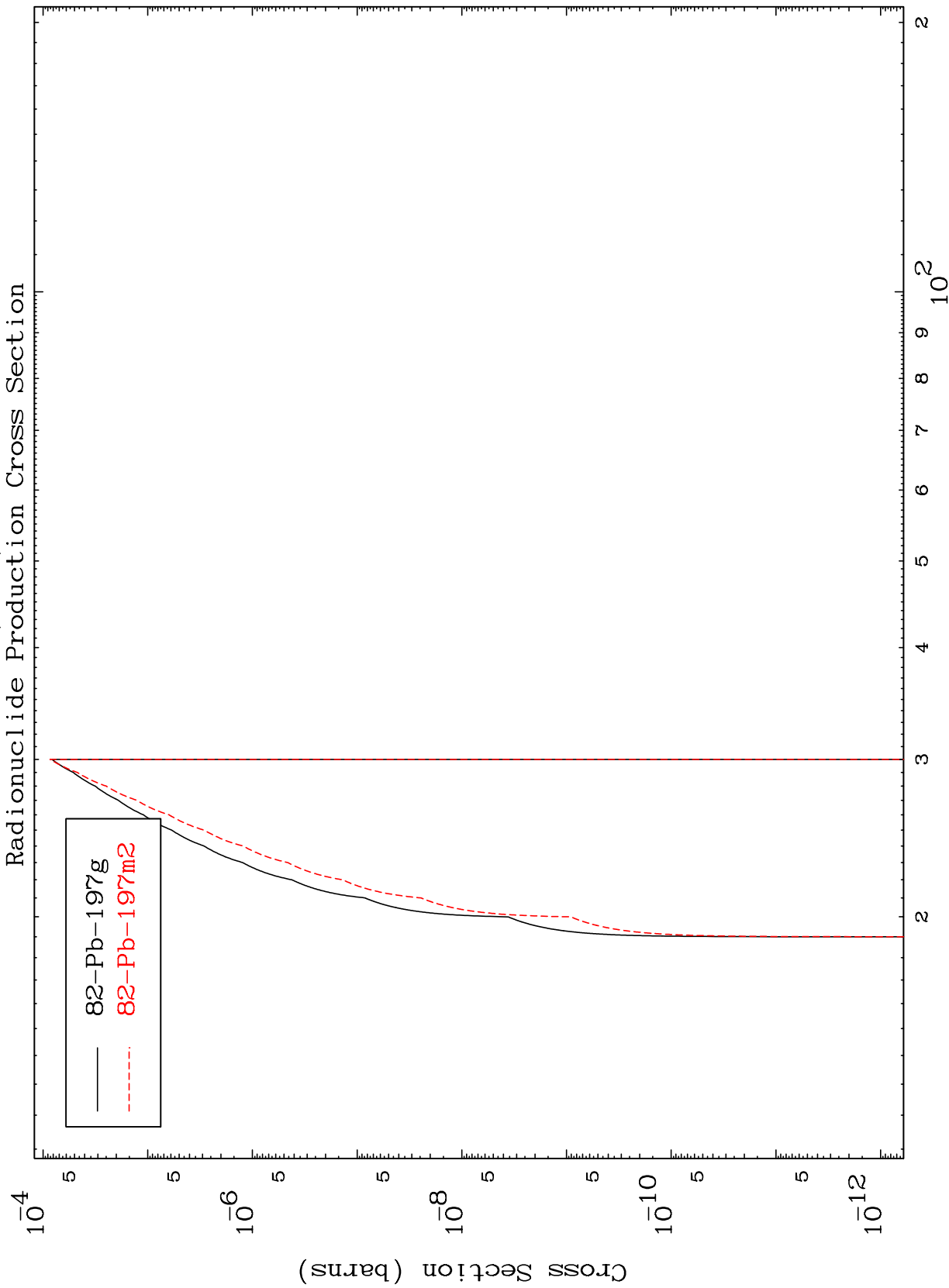


MAT 8416

(n,3n)  $\alpha$

84-Po-203

Radionuclide Production Cross Section



96

Incident Energy (MeV)

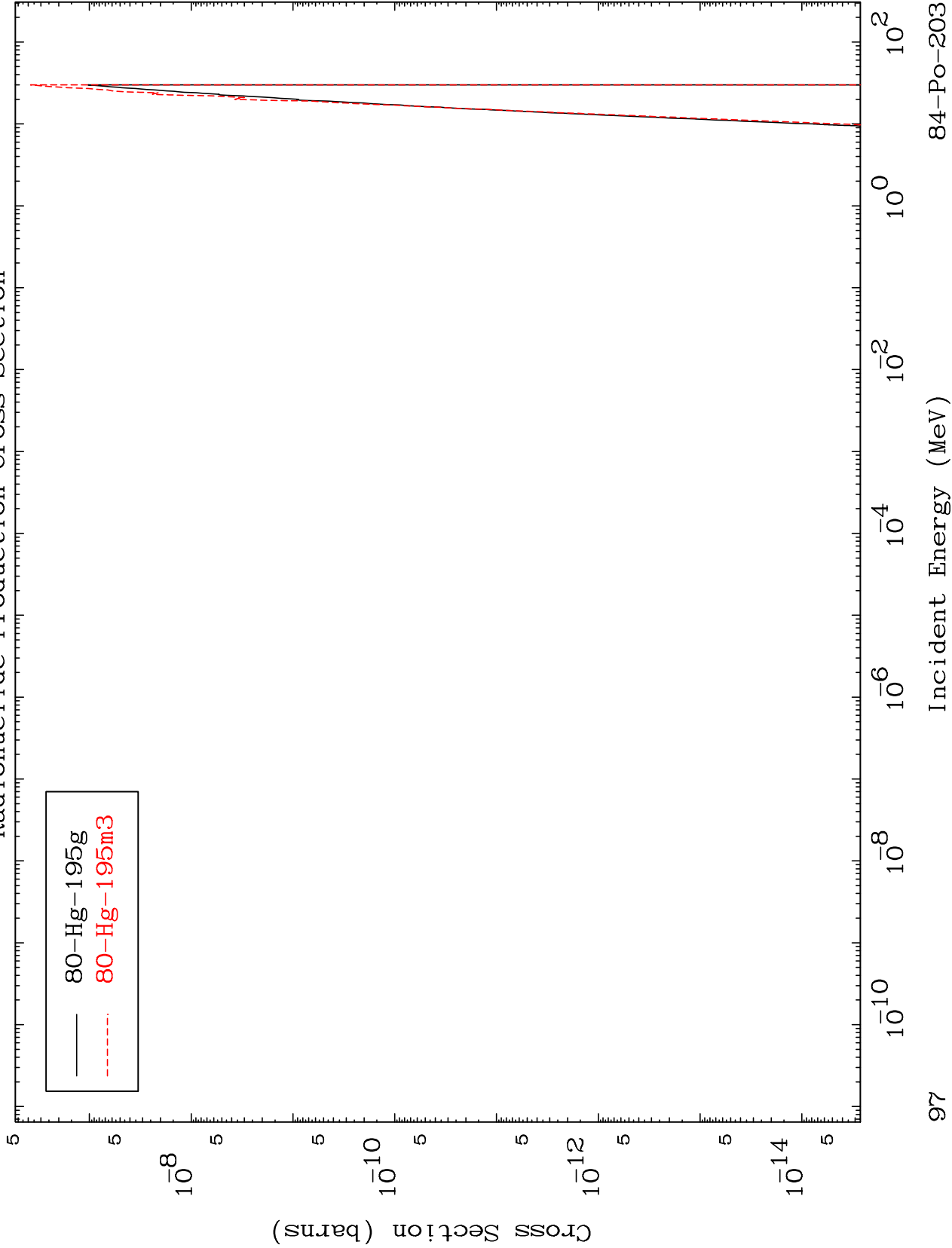
84-Po-203

MAT 8416

(n,n') 2α

84-Po-203

Radionuclide Production Cross Section

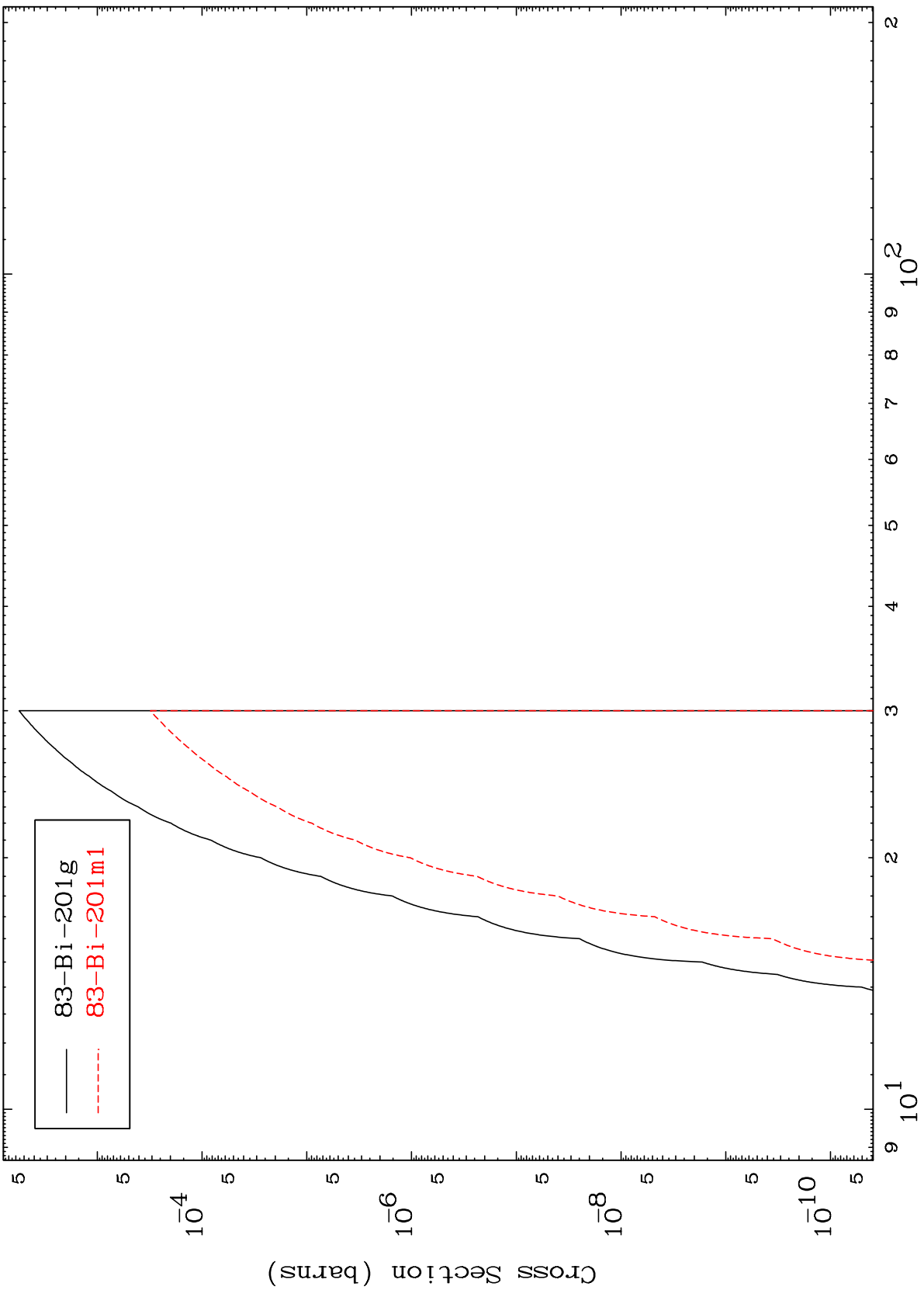


MAT 8416

(n,n') d

84-Po-203

Radionuclide Production Cross Section



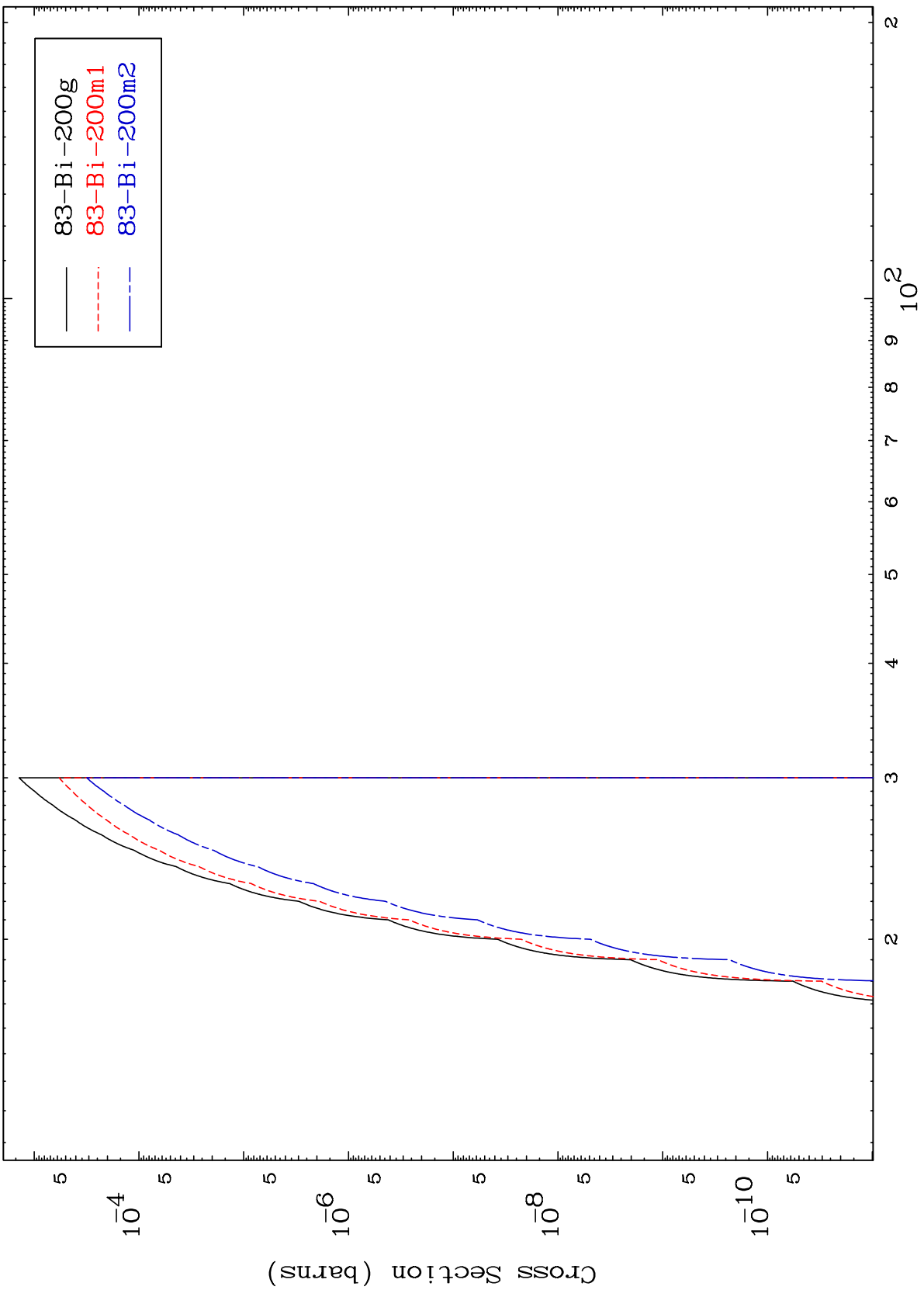
83-Bi-201g  
83-Bi-201m1

98

Incident Energy (MeV)

84-Po-203

Radionuclide Production Cross Section

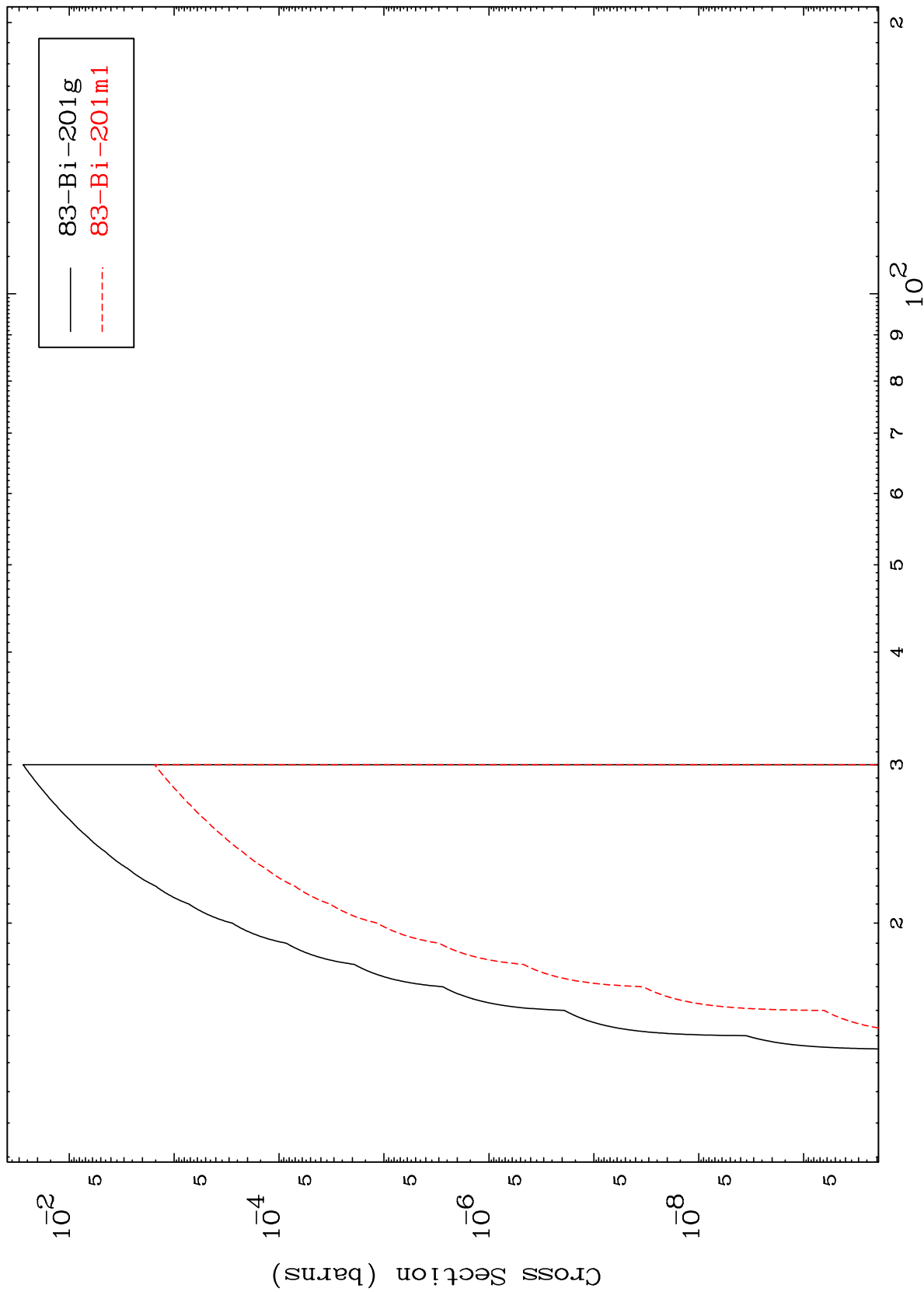


MAT 8416

(n,2n) p

84-Po-203

Radionuclide Production Cross Section



100

Incident Energy (MeV)

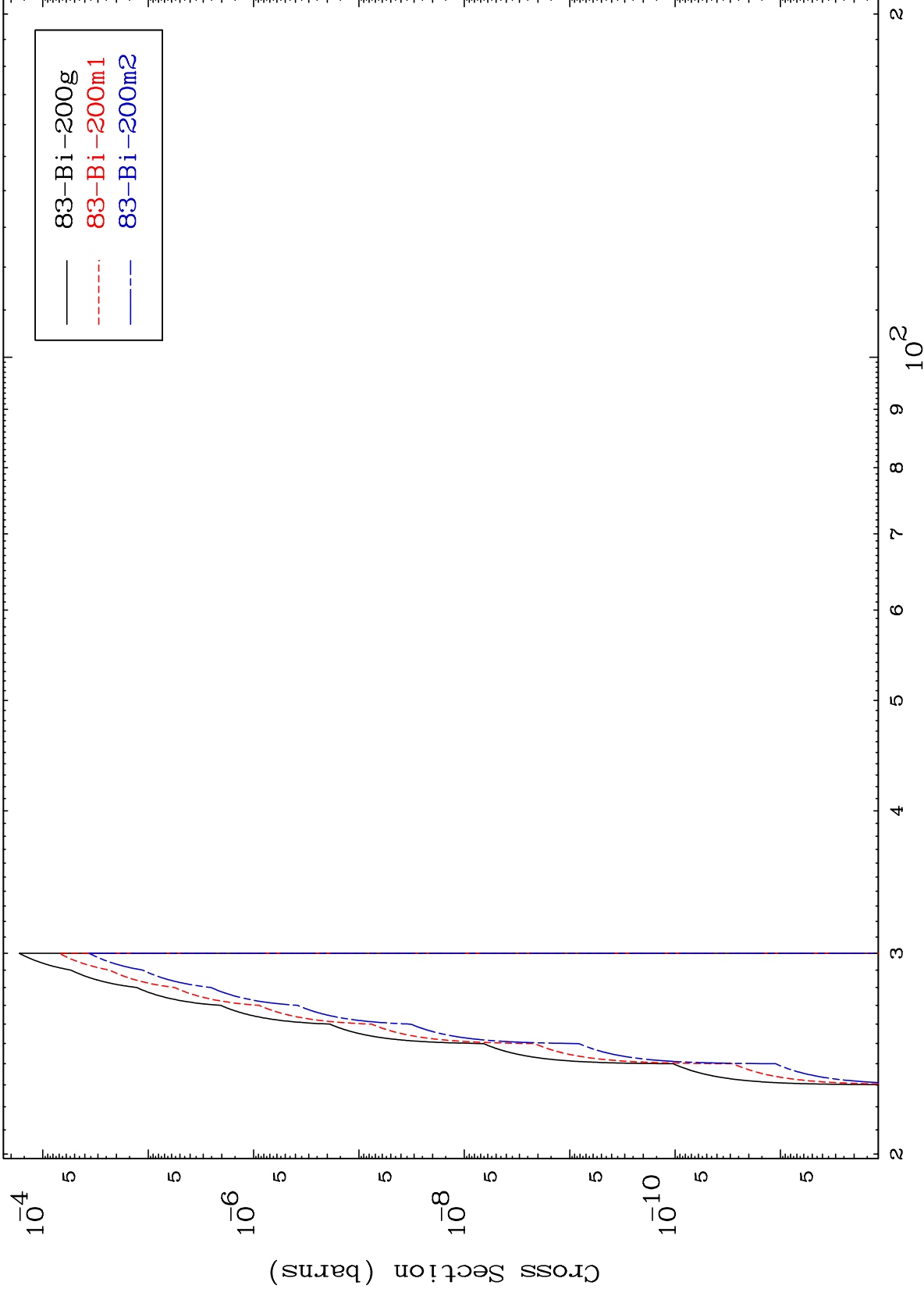
84-Po-203

MAT 8416

(n,3n) p

84-Po-203

Radionuclide Production Cross Section



101

Incident Energy (MeV)

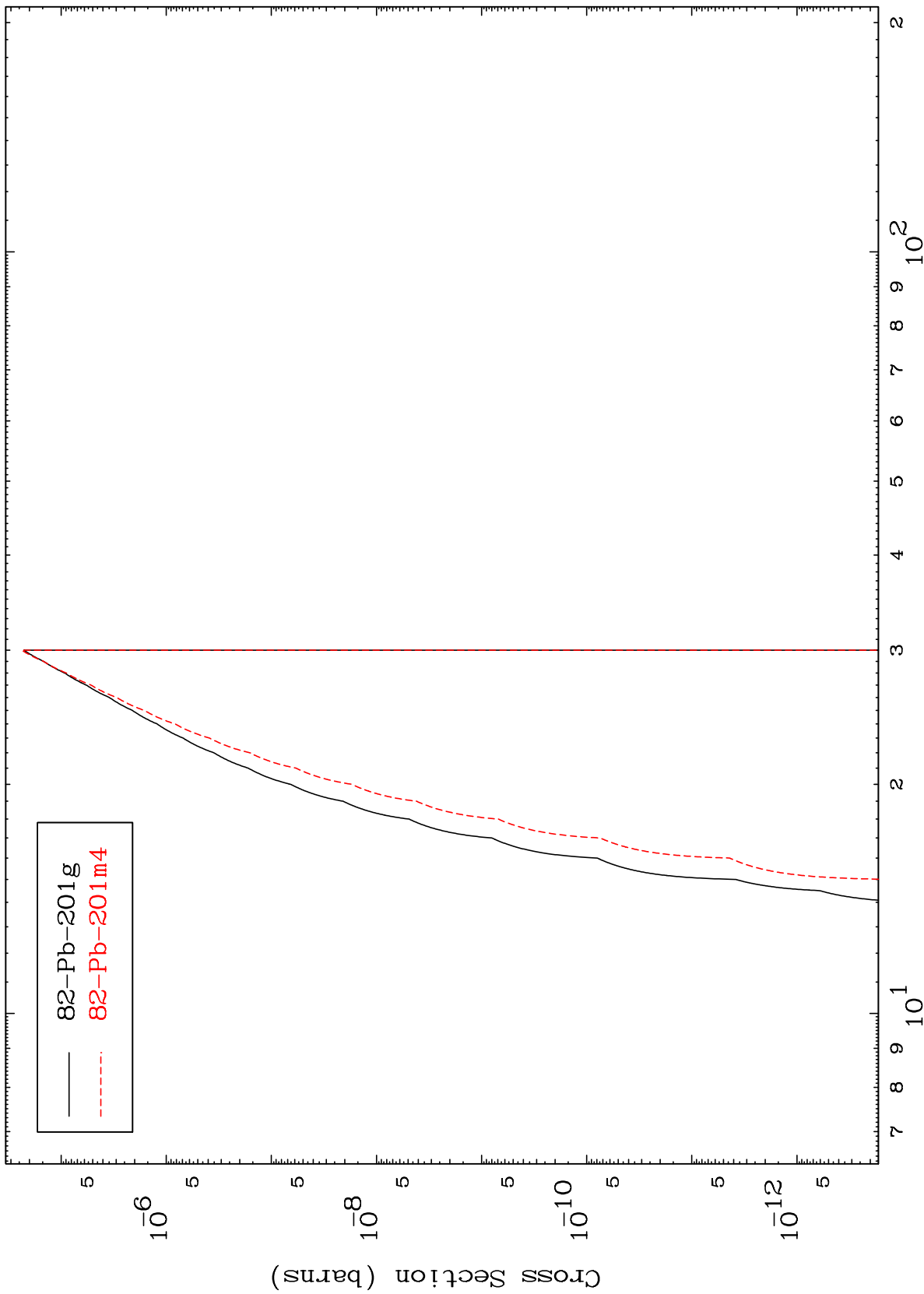
84-Po-203

MAT 8416

(n,2n) p

84-Po-203

Radionuclide Production Cross Section



82-Pb-201g  
82-Pb-201m4

102

Incident Energy (MeV)

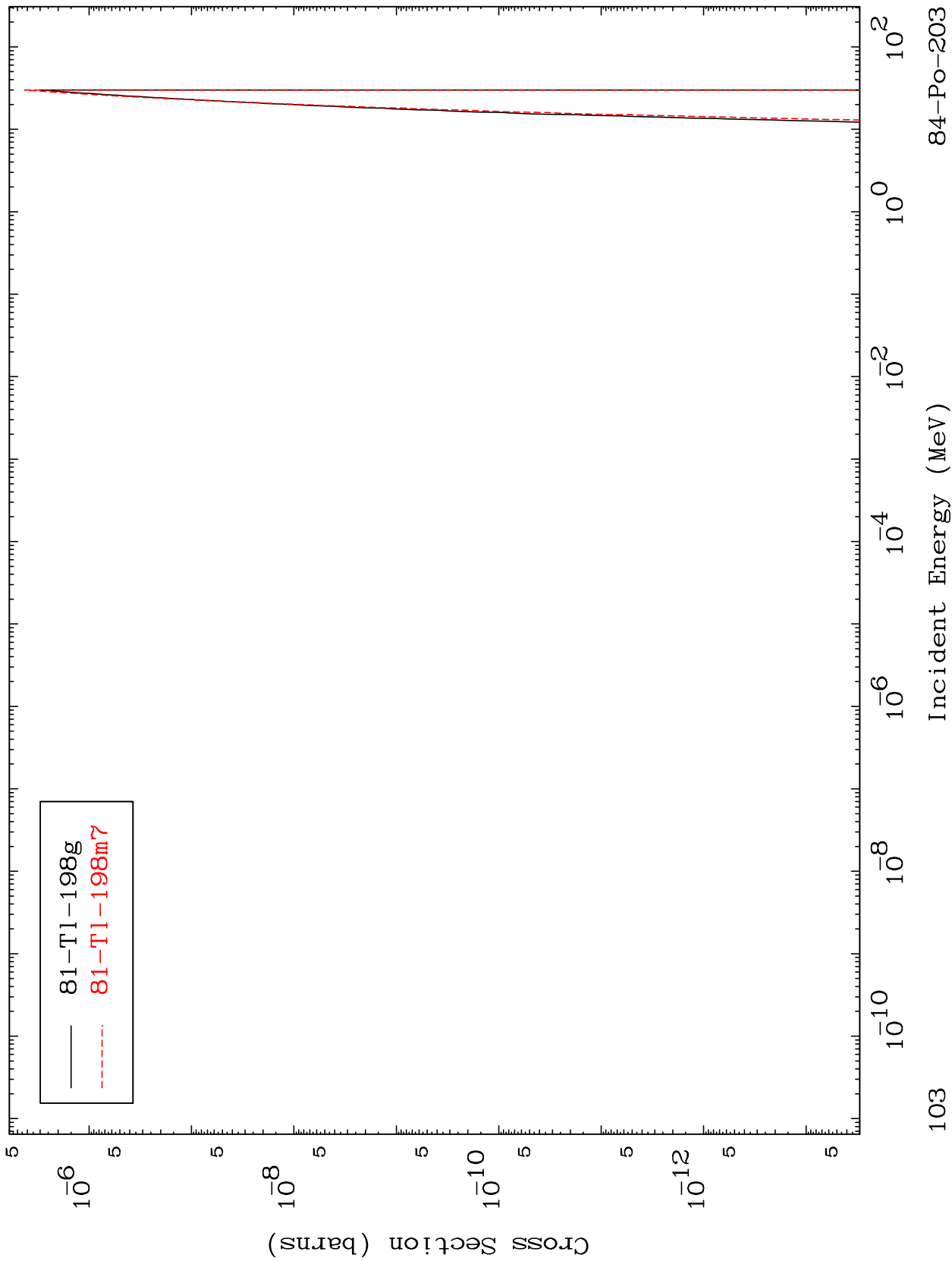
84-Po-203

MAT 8416

(n,n') p  $\alpha$

84-Po-203

Radionuclide Production Cross Section



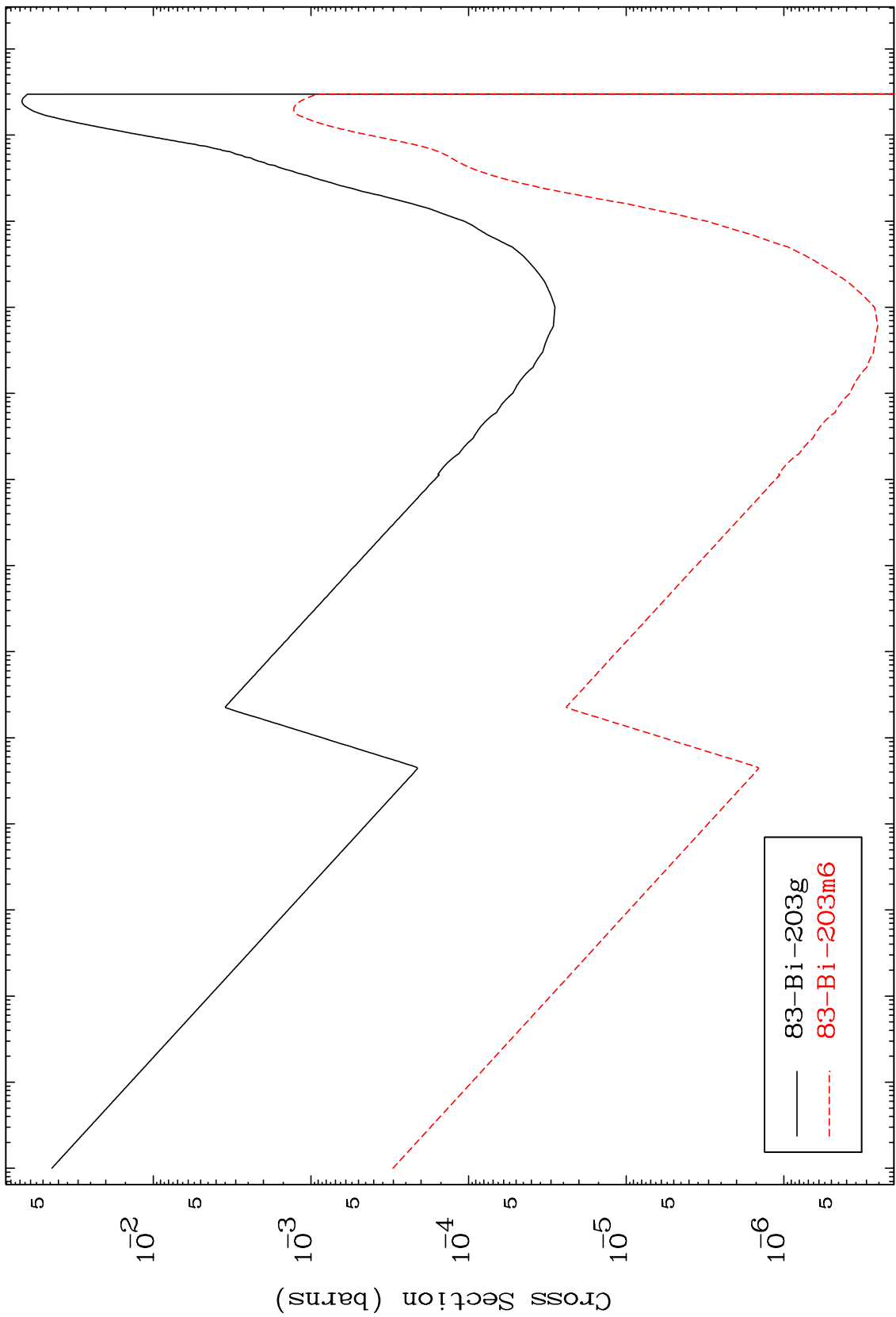
81-Tl-198g  
81-Tl-198m7



MAT 8416

84-Po-203

(n,p)  
Radionuclide Production Cross Section



84-Po-203

10<sup>-2</sup>

10<sup>-3</sup>

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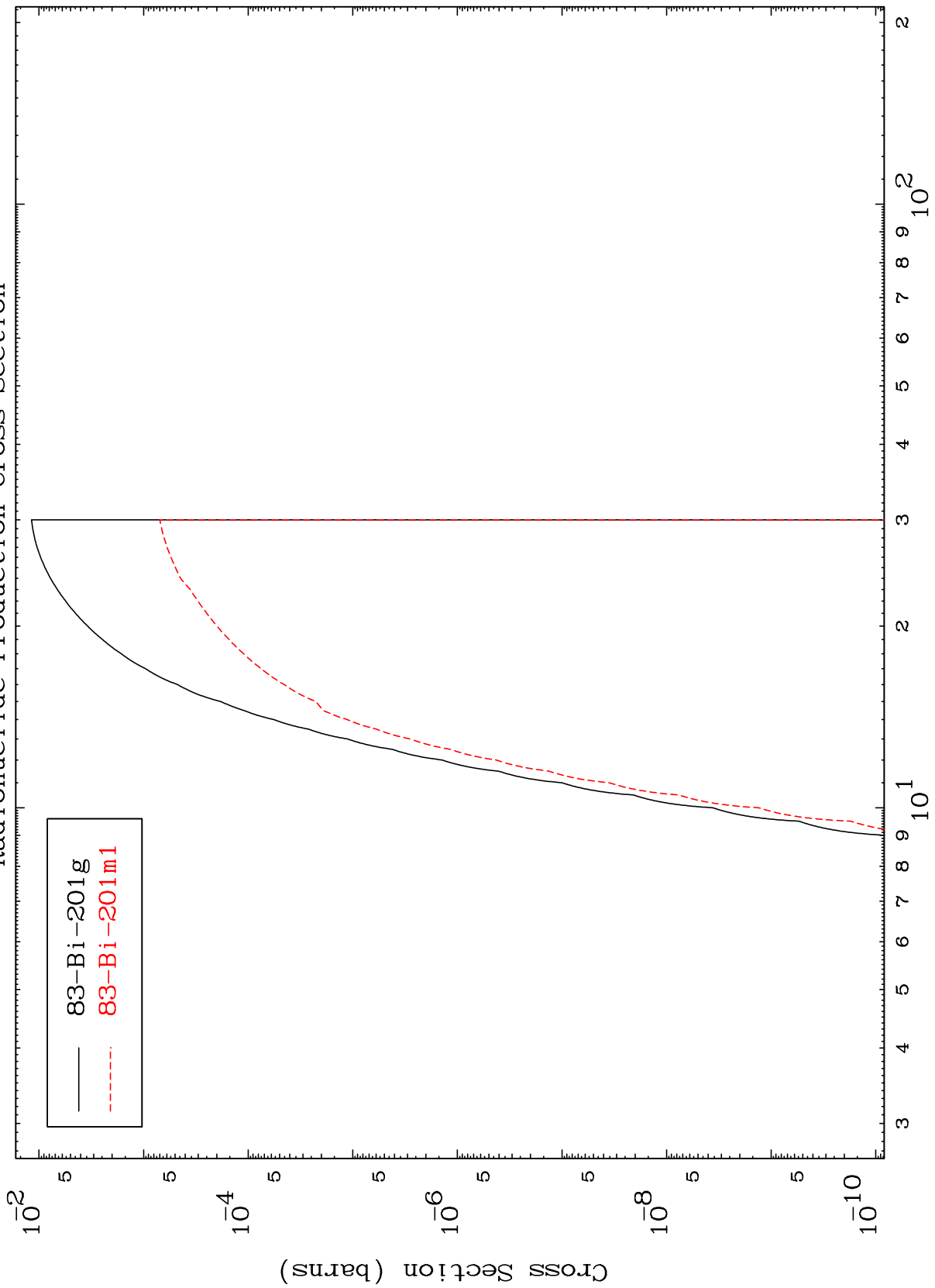
10<sup>-252</sup>

1

MAT 8416

84-Po-203

(n, t)  
Radionuclide Production Cross Section



105

Incident Energy (MeV)

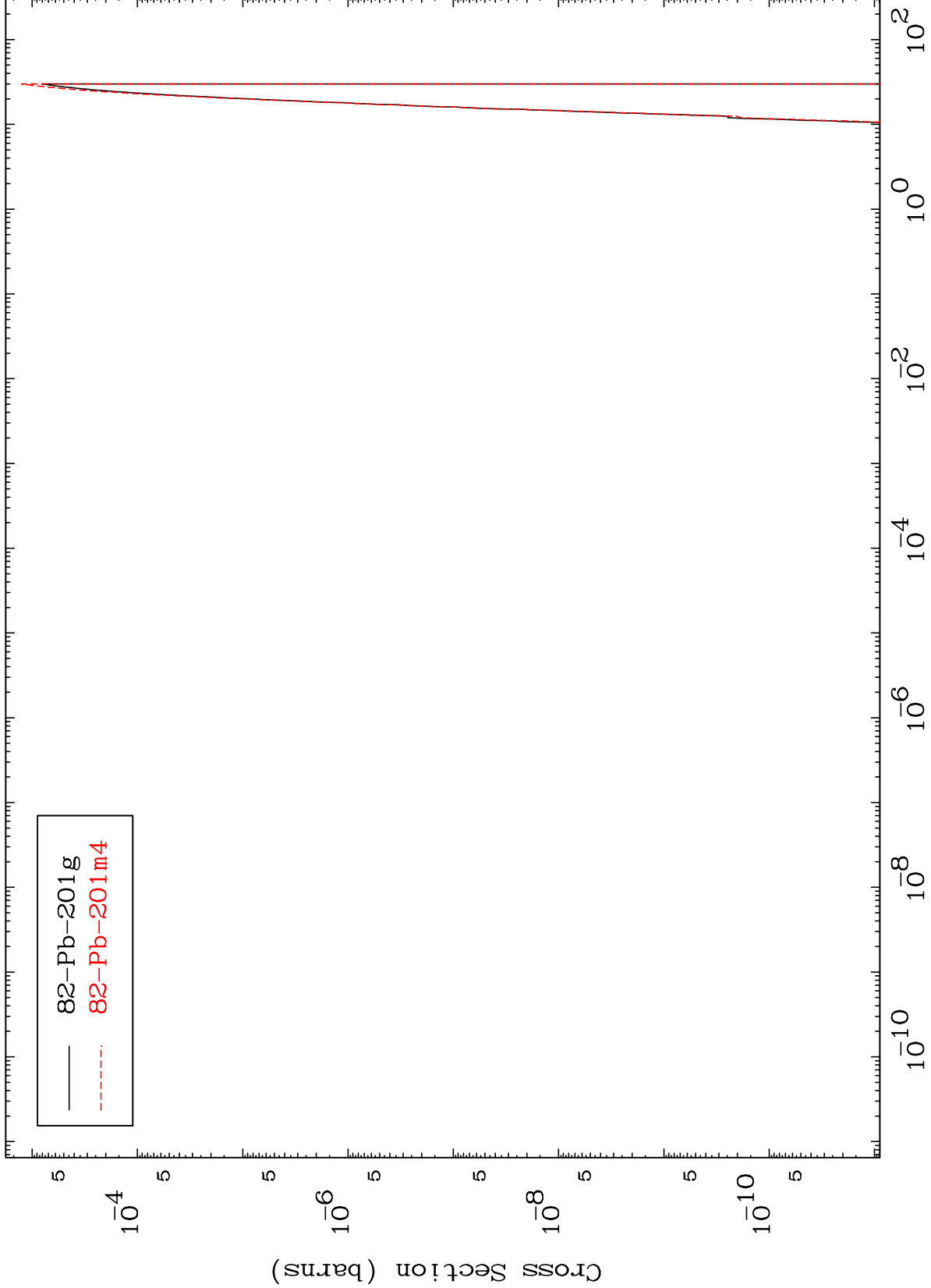
84-Po-203

MAT 8416

(n,He-3)

84-Po-203

Radionuclide Production Cross Section



82-Pb-201g  
82-Pb-201m4

106

Incident Energy (MeV)

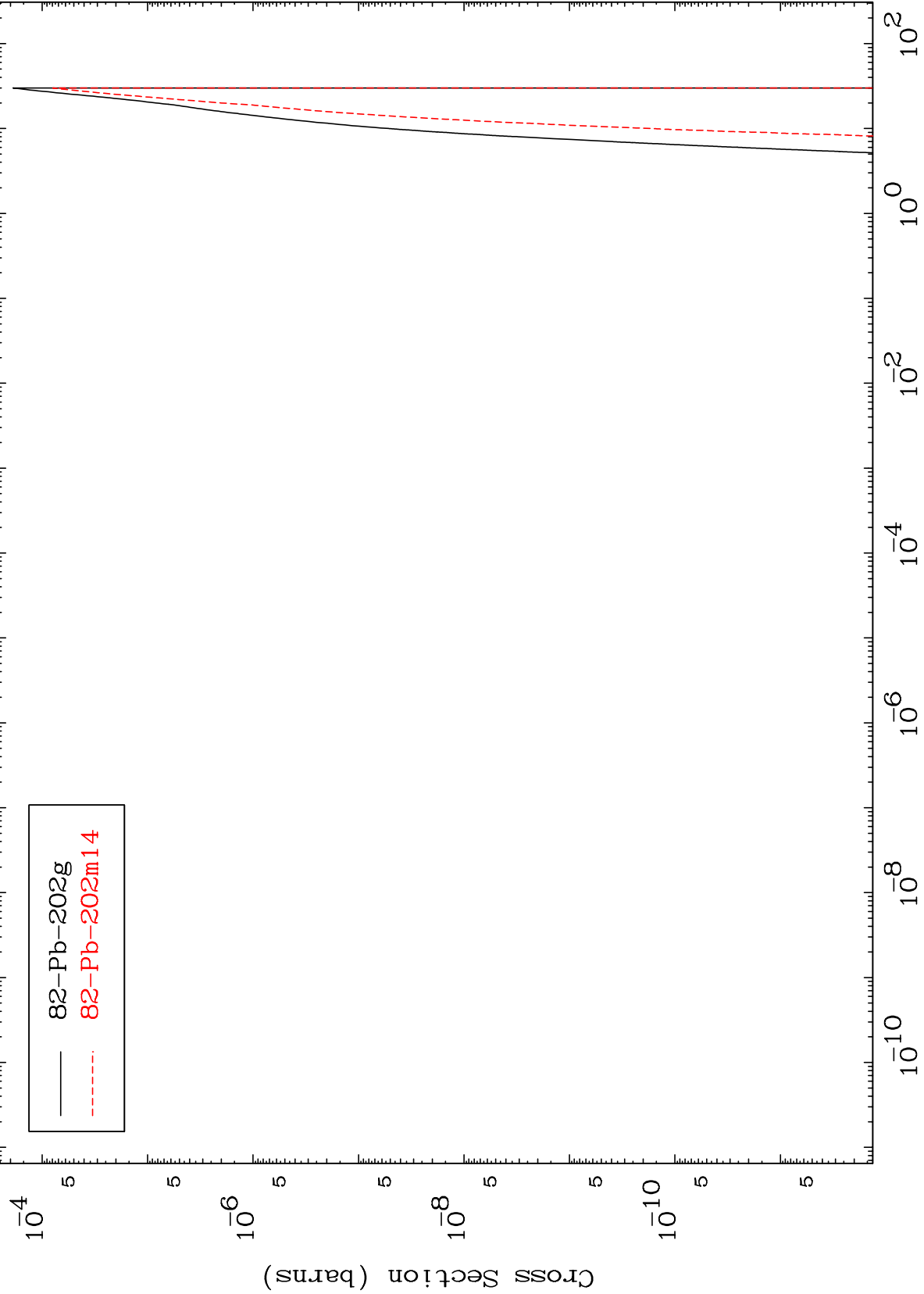
84-Po-203

MAT 8416

(n,2p)

84-Po-203

Radionuclide Production Cross Section



107

Incident Energy (MeV)

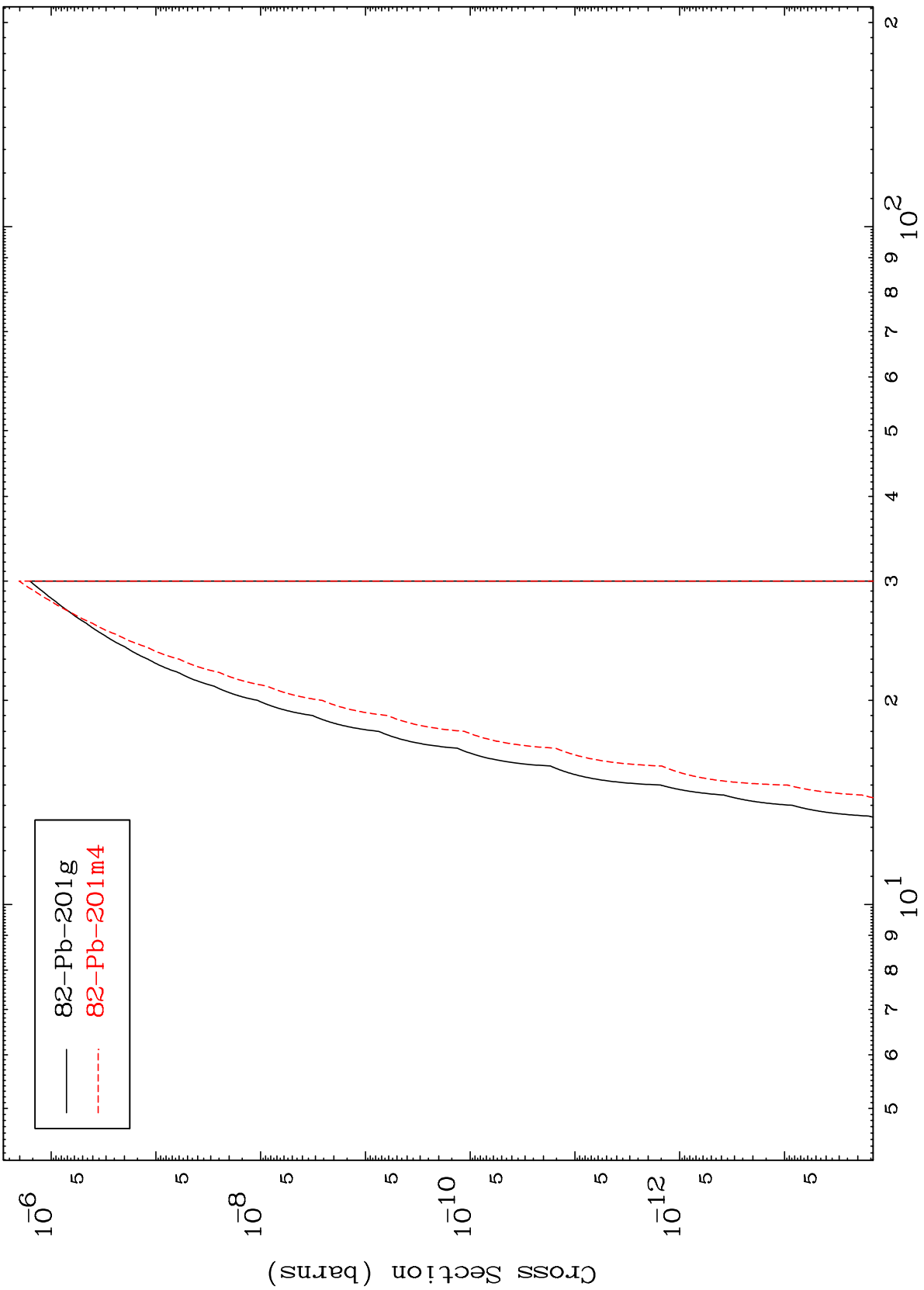
84-Po-203

MAT 8416

(n,p) d

84-Po-203

Radionuclide Production Cross Section



108

Incident Energy (MeV)

84-Po-203

MAT 8416

(n,d)  $\alpha$

84-Po-203

Radionuclide Production Cross Section

