

Program EVALPLOT  
(Version 2017-1)

by

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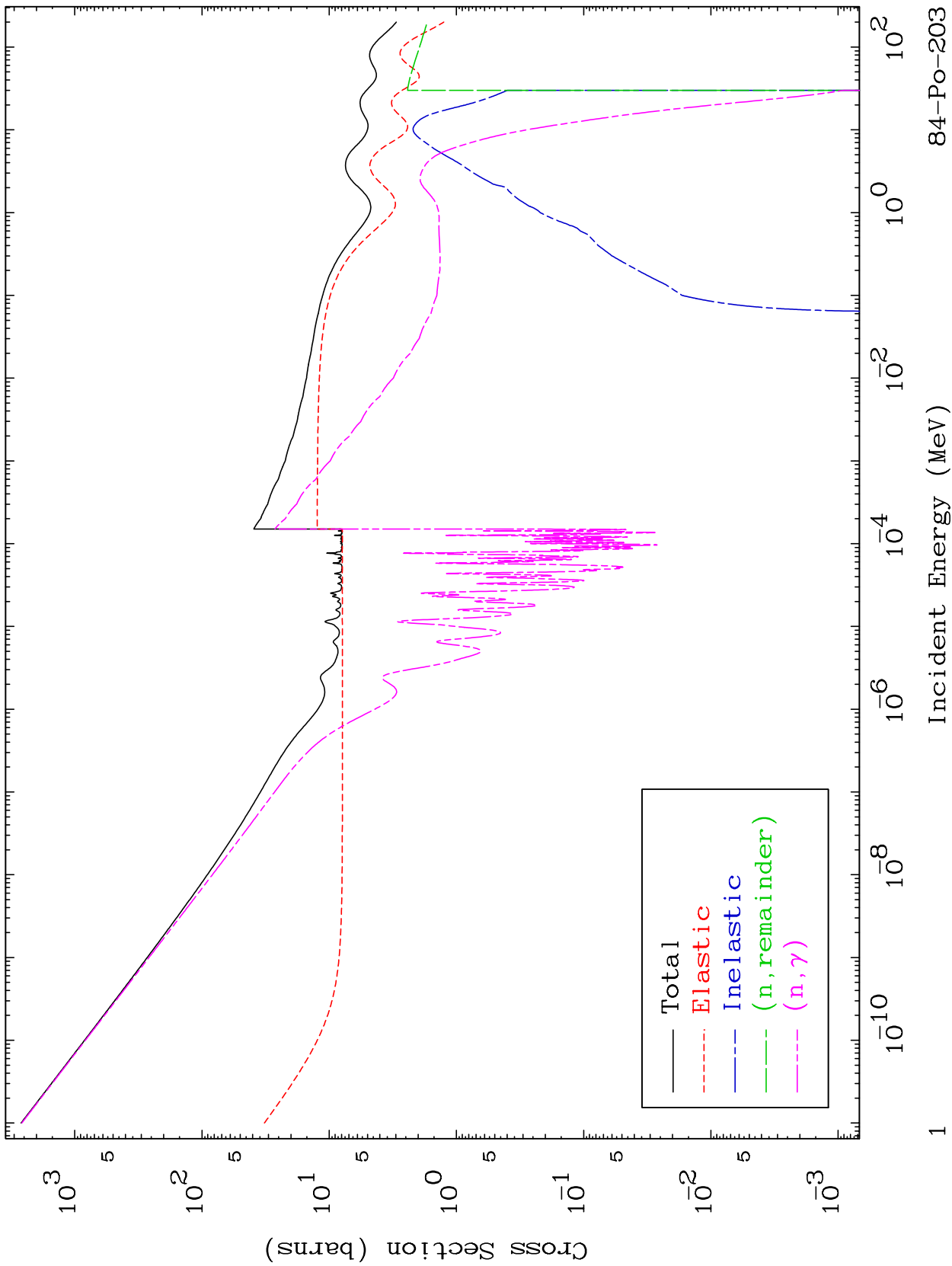
Press Mouse Button to Start

MAT 8416

Major

293 Kelvin Cross Sections

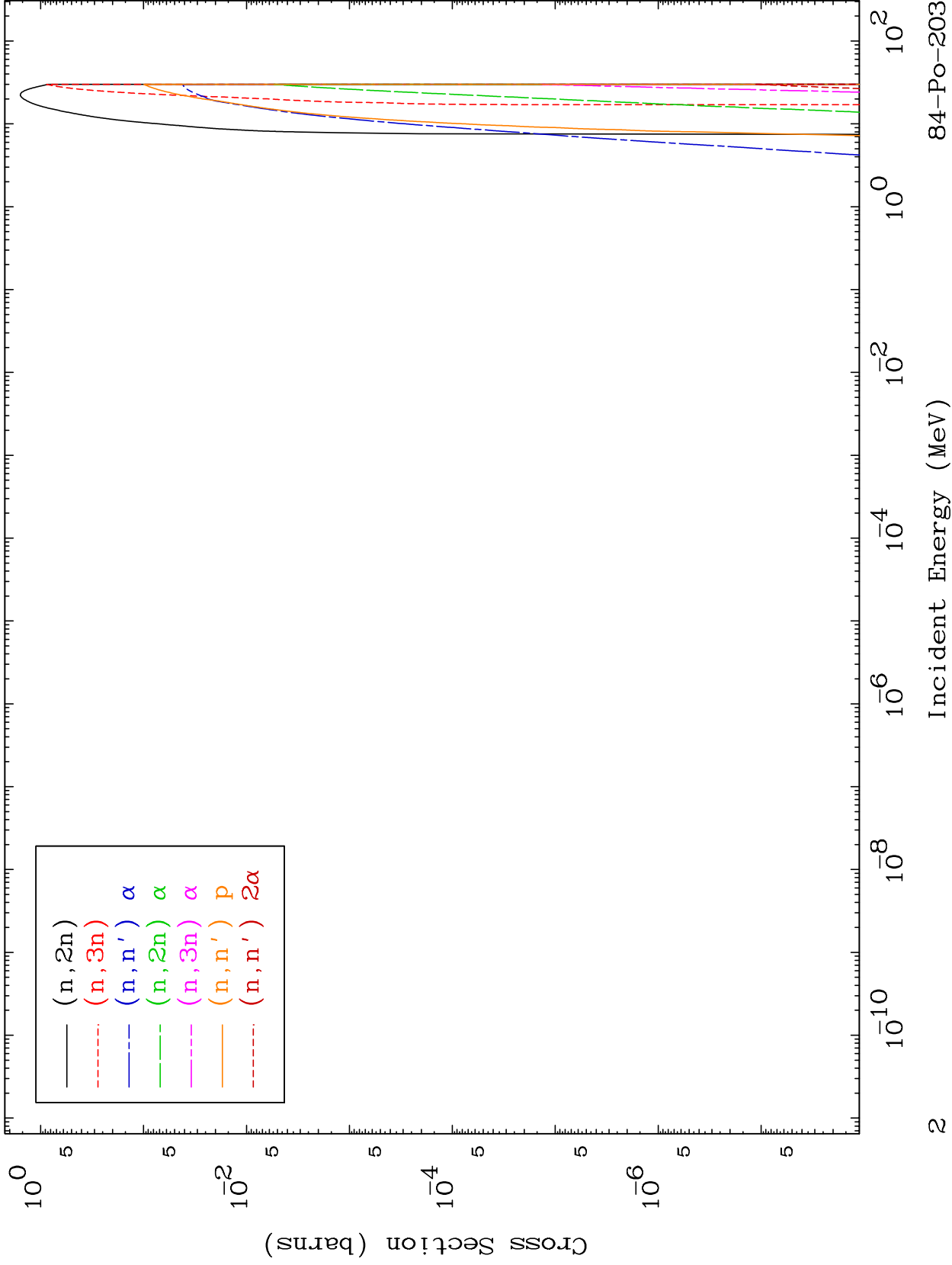
84-Po-203

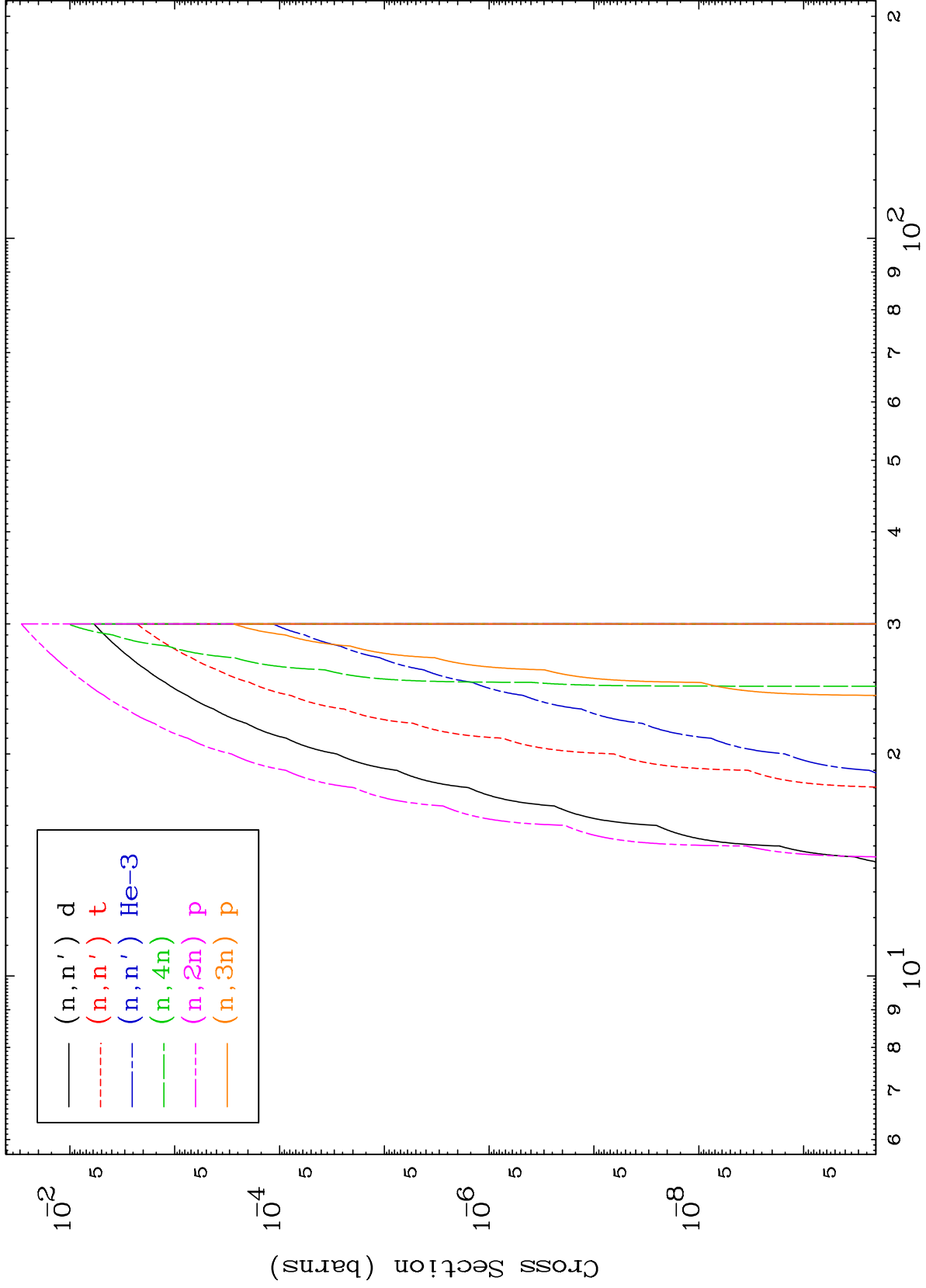


MAT 8416

Neutron Production  
293 Kelvin Cross Sections

84-Po-203

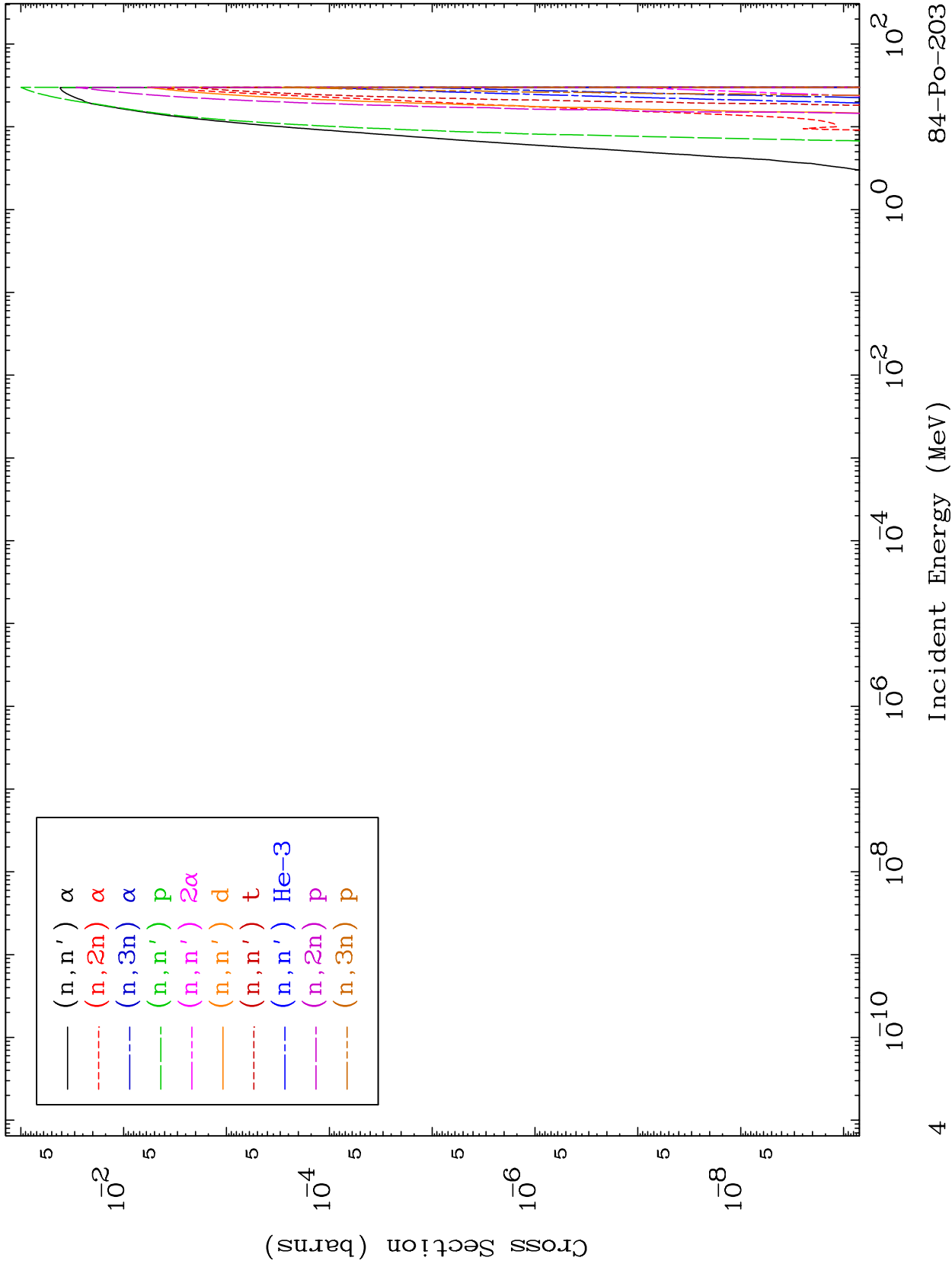




MAT 8416

Charged Particle  
293 Kelvin Cross Sections

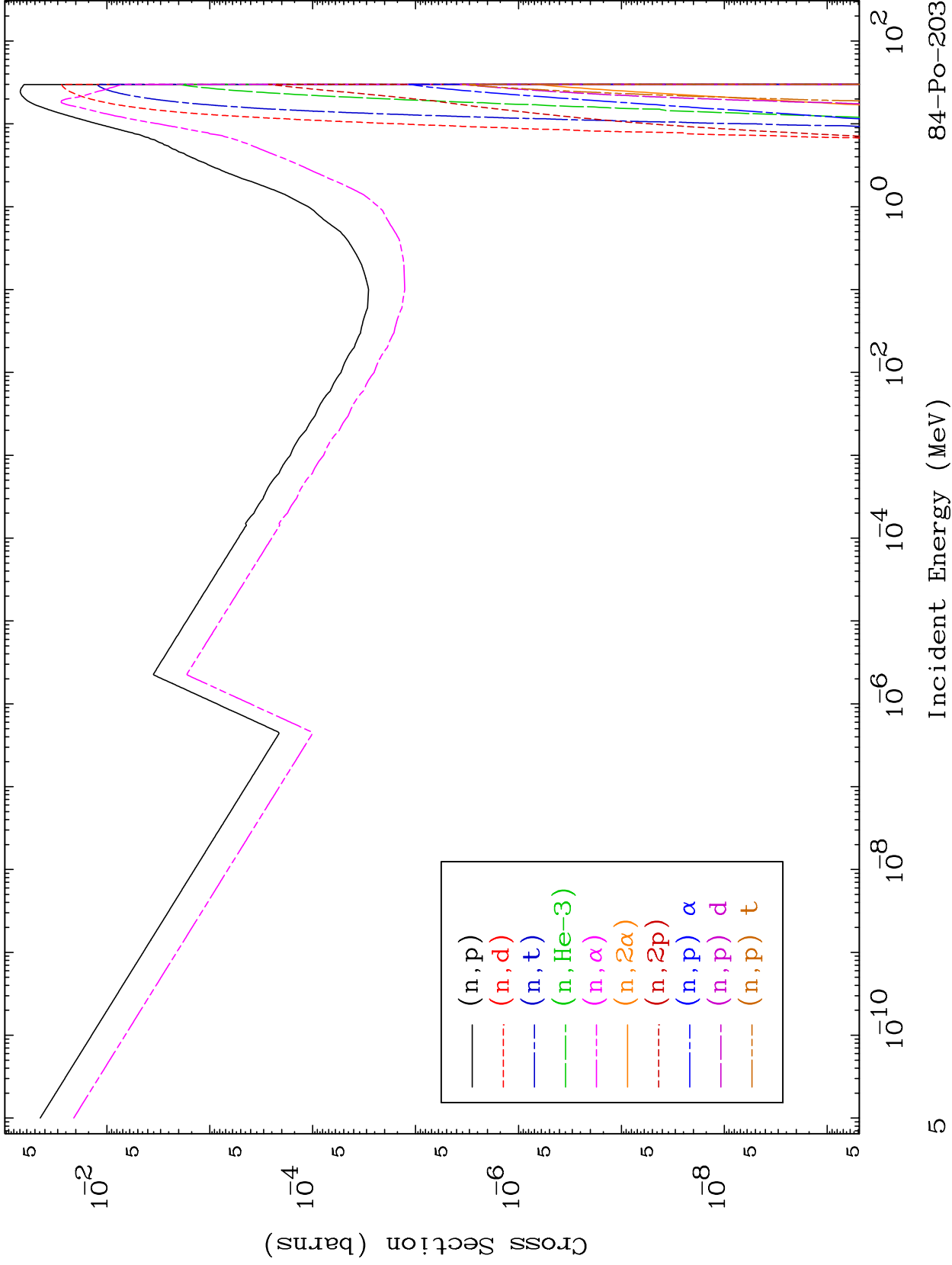
84-Po-203



MAT 8416

Charged Particle  
293 Kelvin Cross Sections

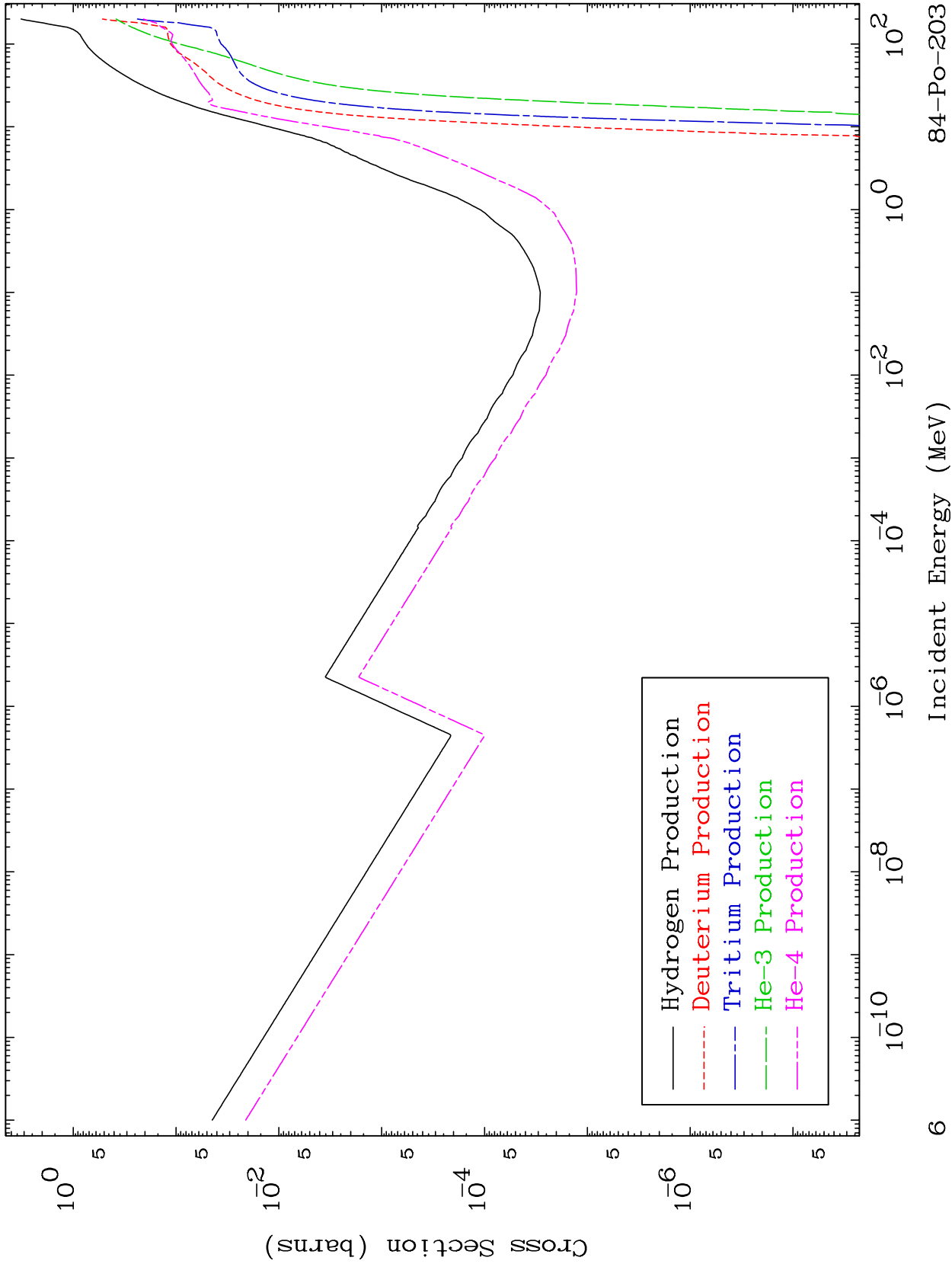
84-Po-203



MAT 8416

Particle Production  
293 Kelvin Cross Sections

84-Po-203

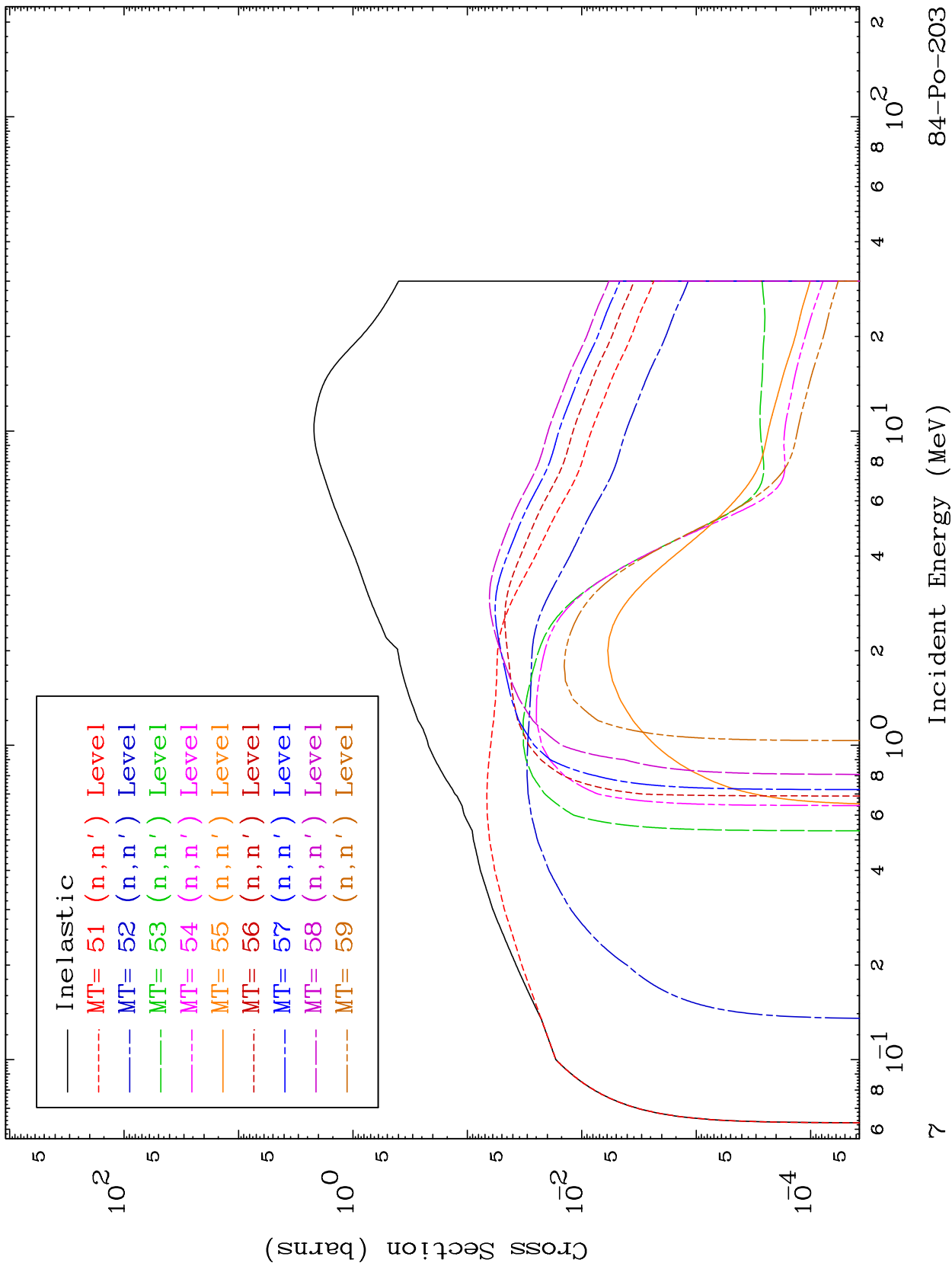


MAT 8416

(n,n') Level

84-Po-203

293 Kelvin Cross Sections



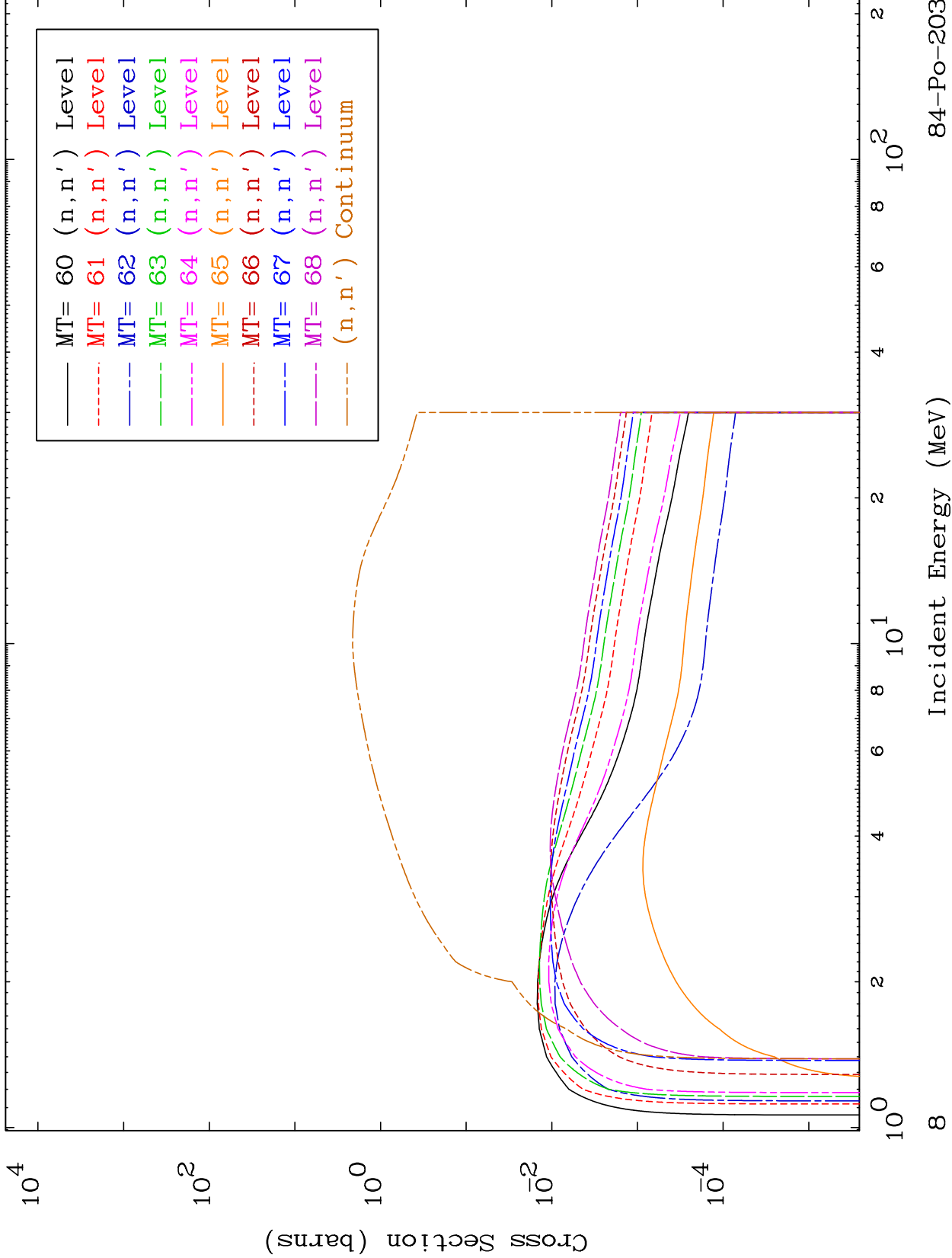


MAT 8416

(n,n') Level

84-Po-203

293 Kelvin Cross Sections



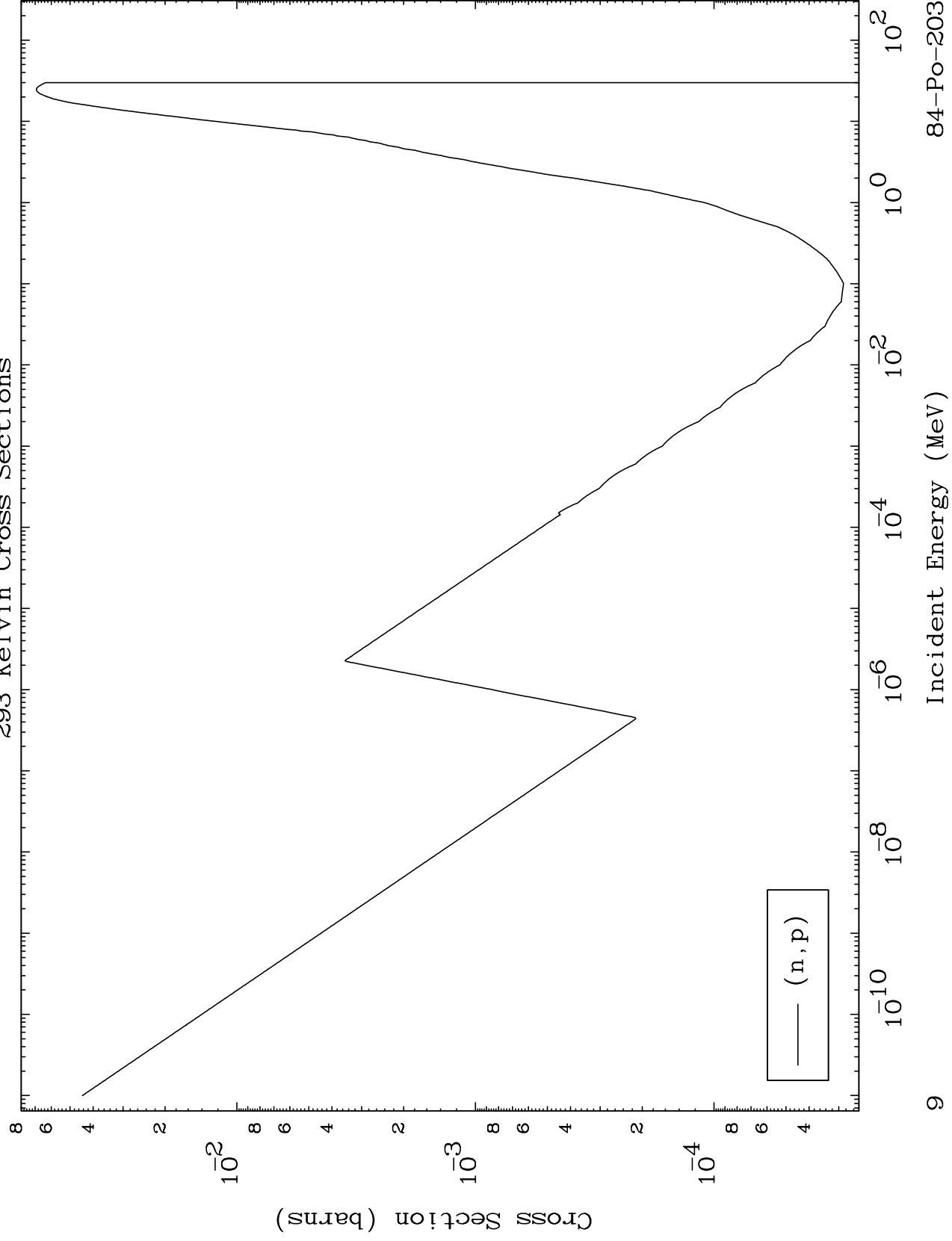
Incident Energy (MeV)

84-Po-203

MAT 8416

(n,p) Levels  
293 Kelvin Cross Sections

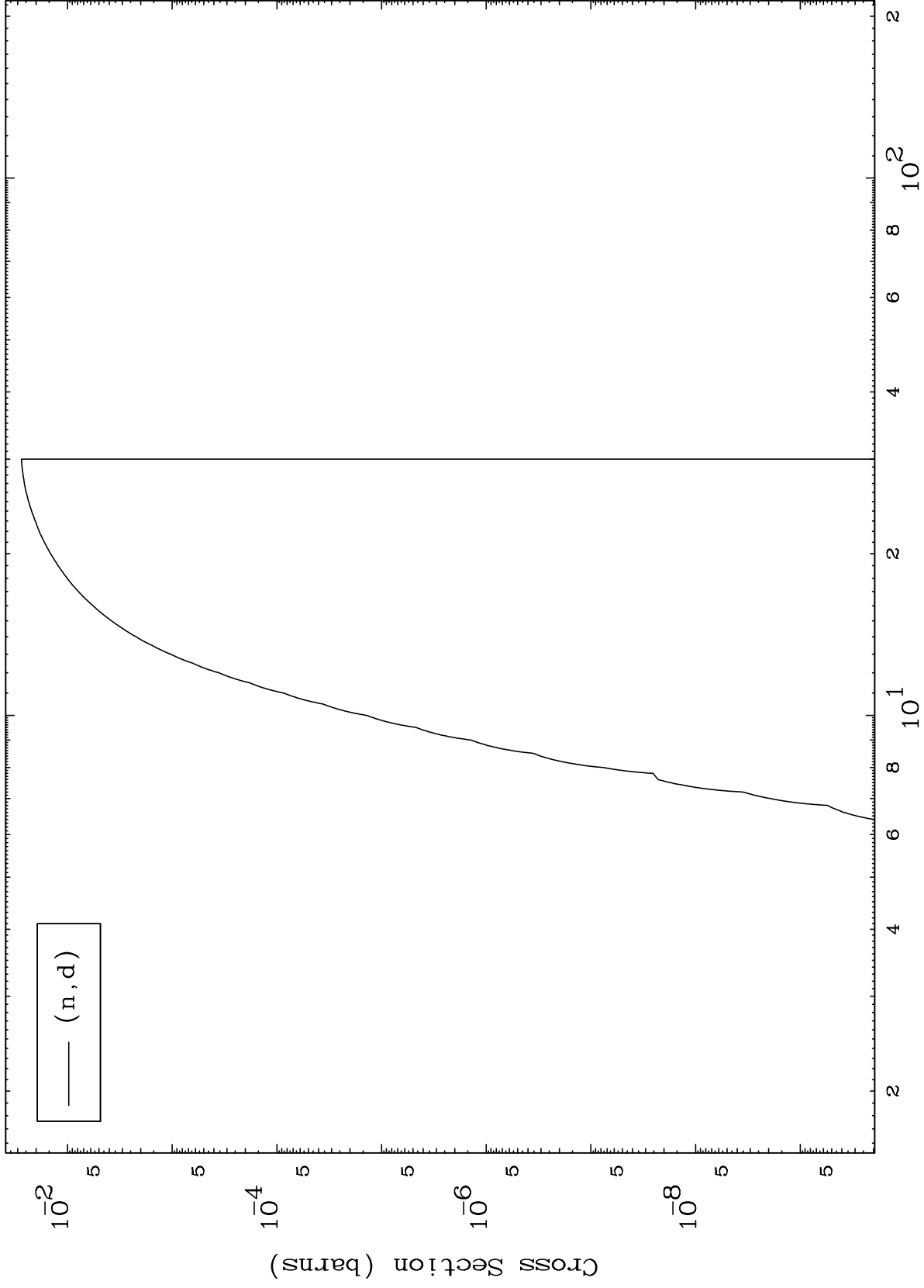
84-Po-203



MAT 8416

(n,d) Levels  
293 Kelvin Cross Sections

84-Po-203



10

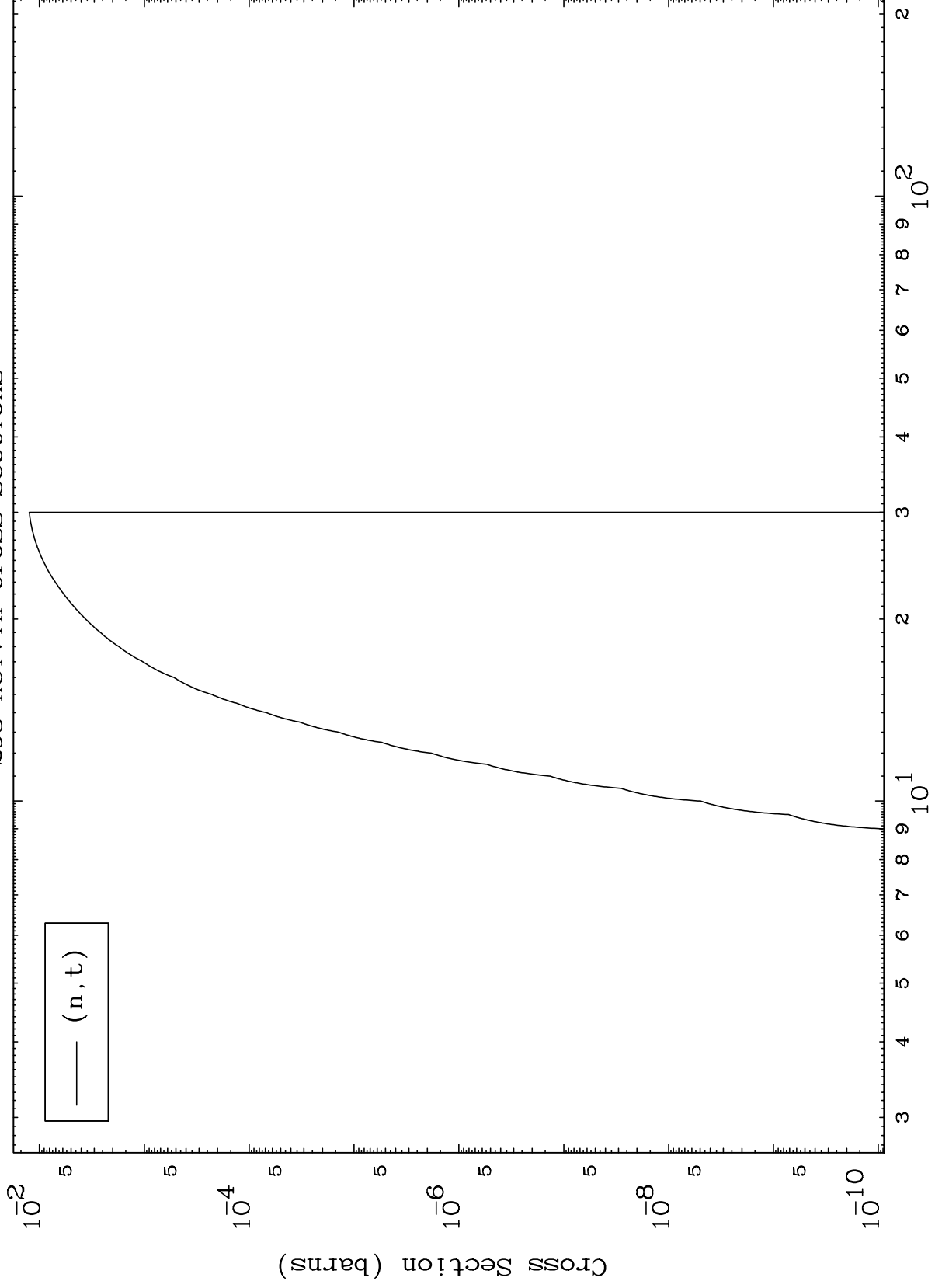
Incident Energy (MeV)

84-Po-203

MAT 8416

(n,t) Levels  
293 Kelvin Cross Sections

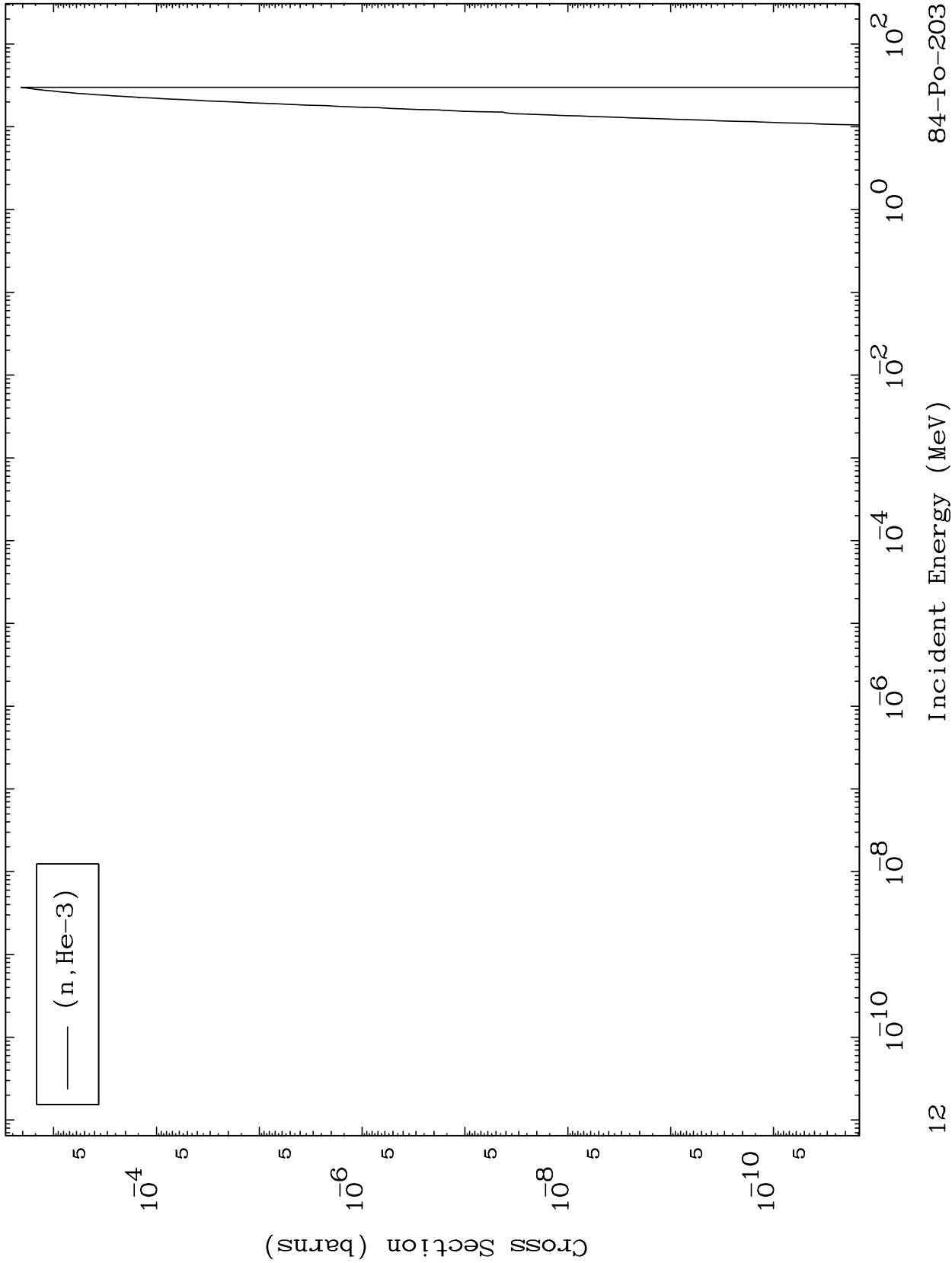
84-Po-203



MAT 8416

(n,He3) Levels  
293 Kelvin Cross Sections

84-Po-203



12

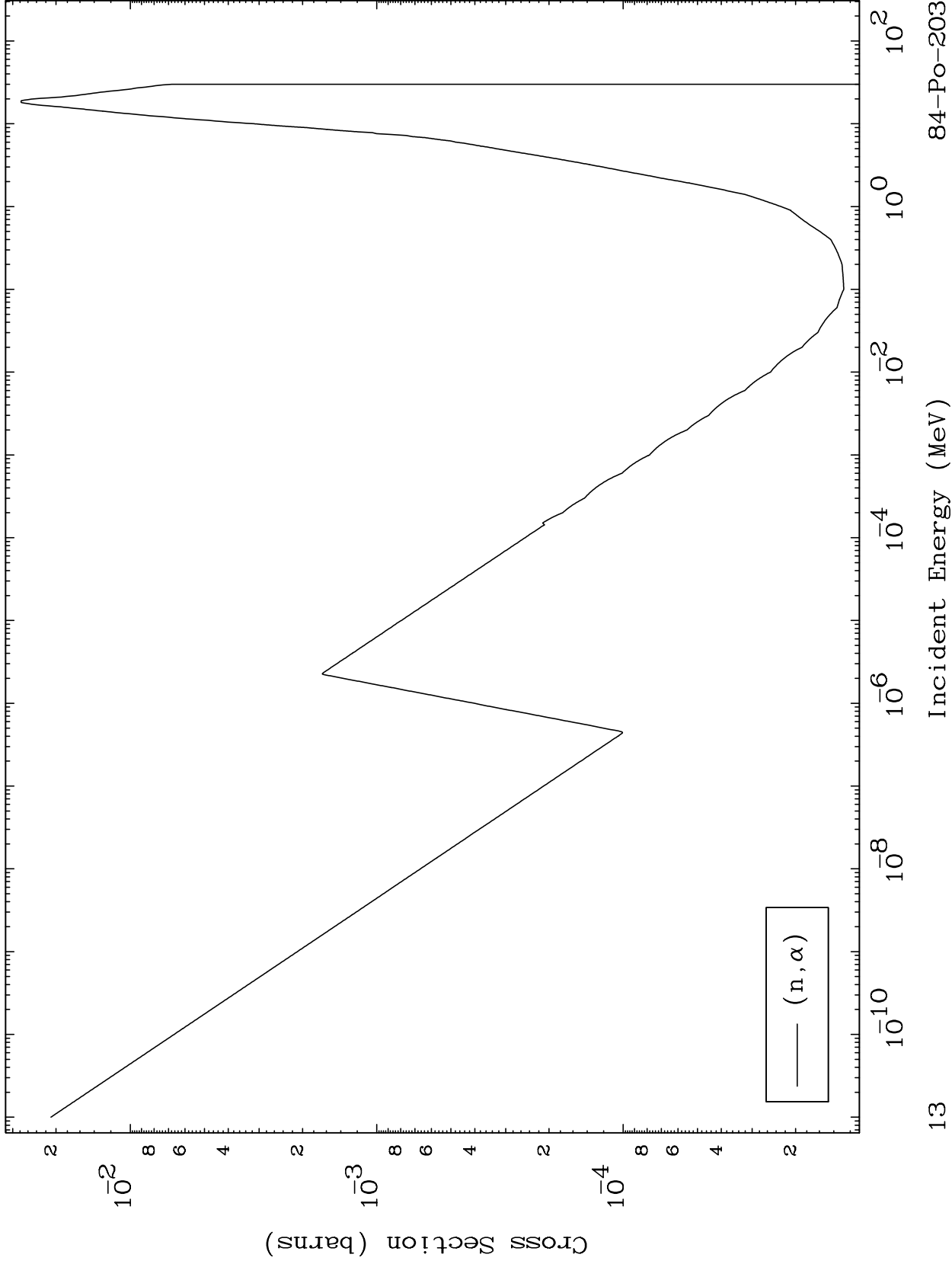
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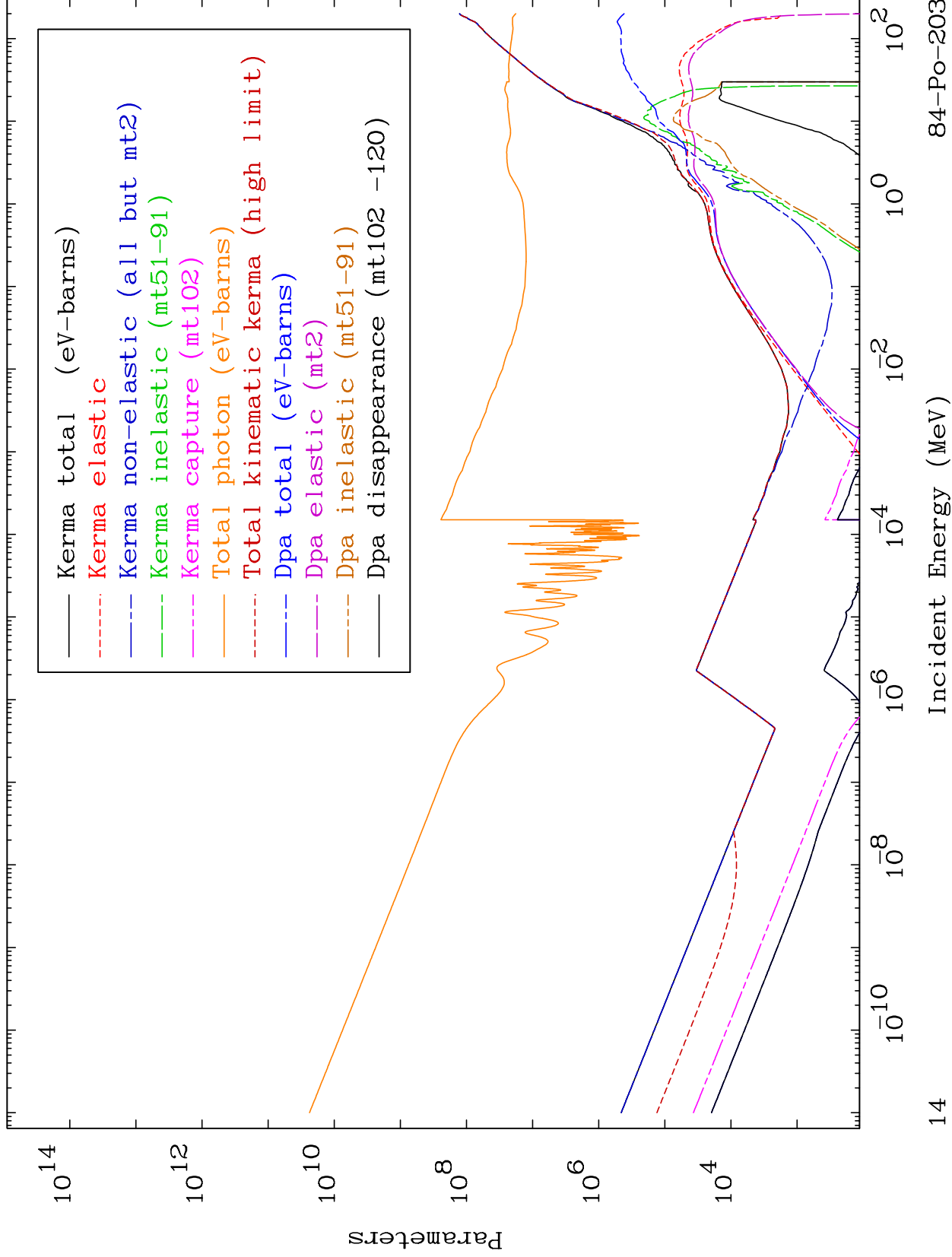
84-Po-203

MAT 8416

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

84-Po-203

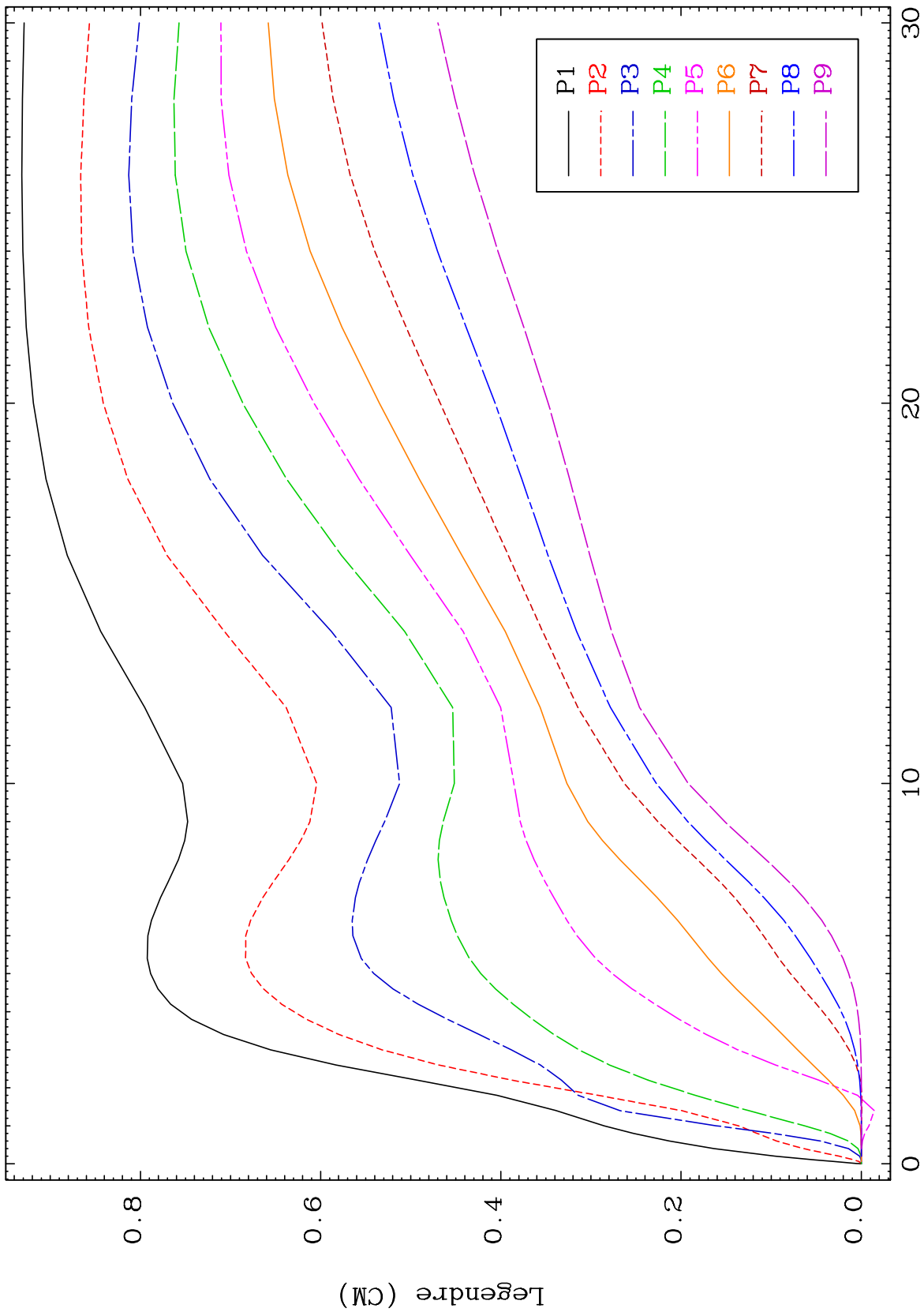




MAT 8416

84-Po-203

Elastic Legendre Coefficients

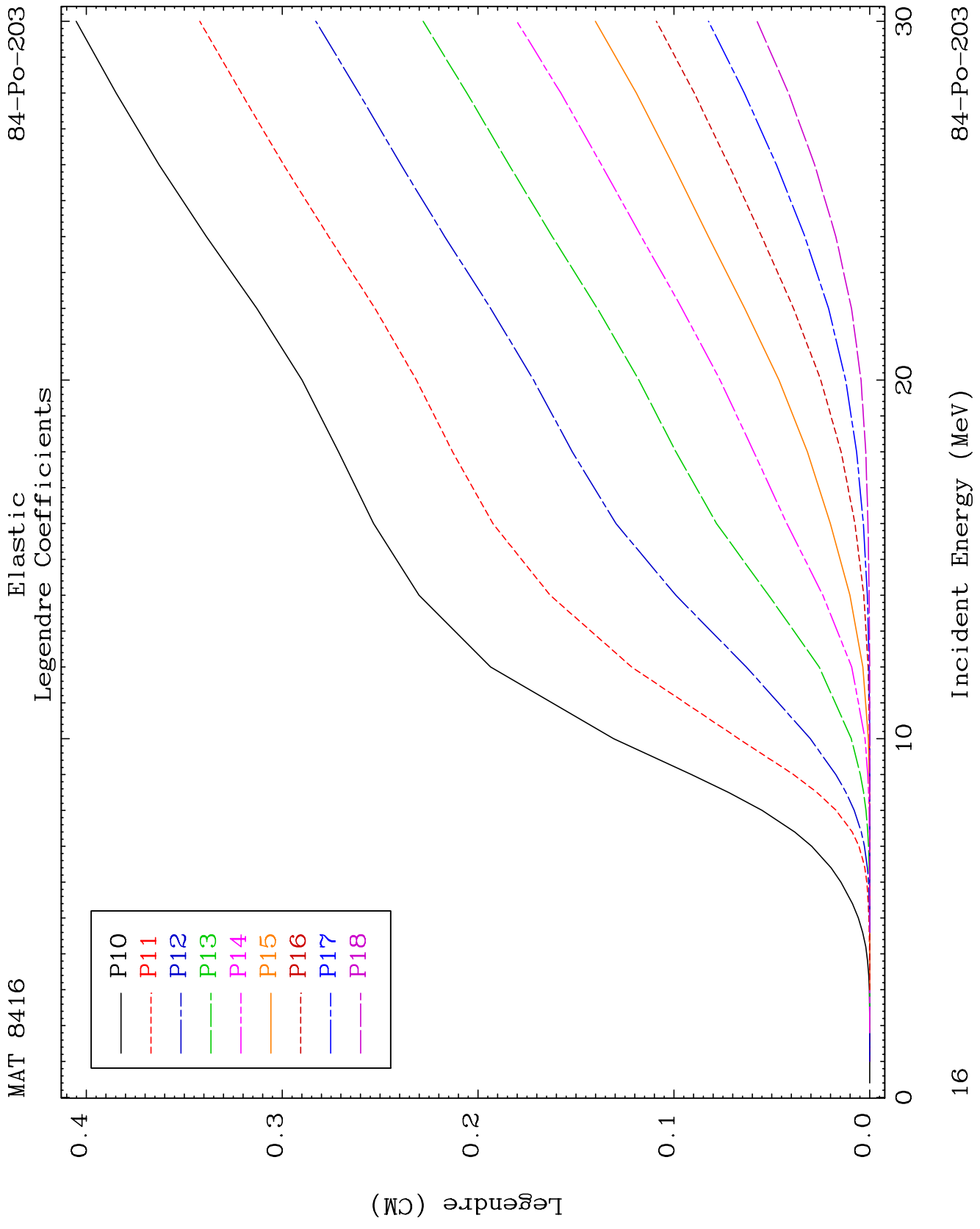


15

Incident Energy (MeV)

84-Po-203

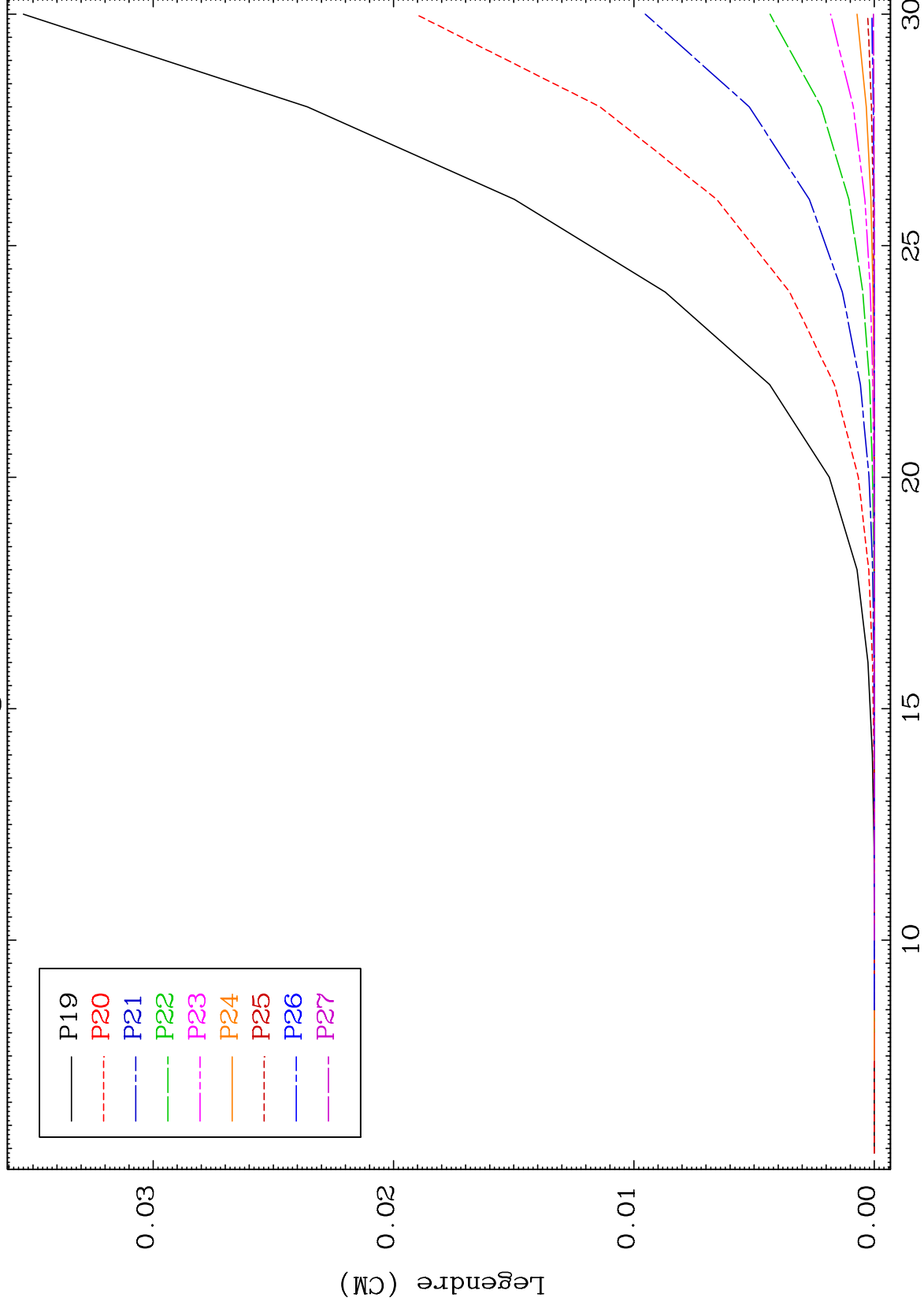




MAT 8416

Elastic  
Legendre Coefficients

84-Po-203



17

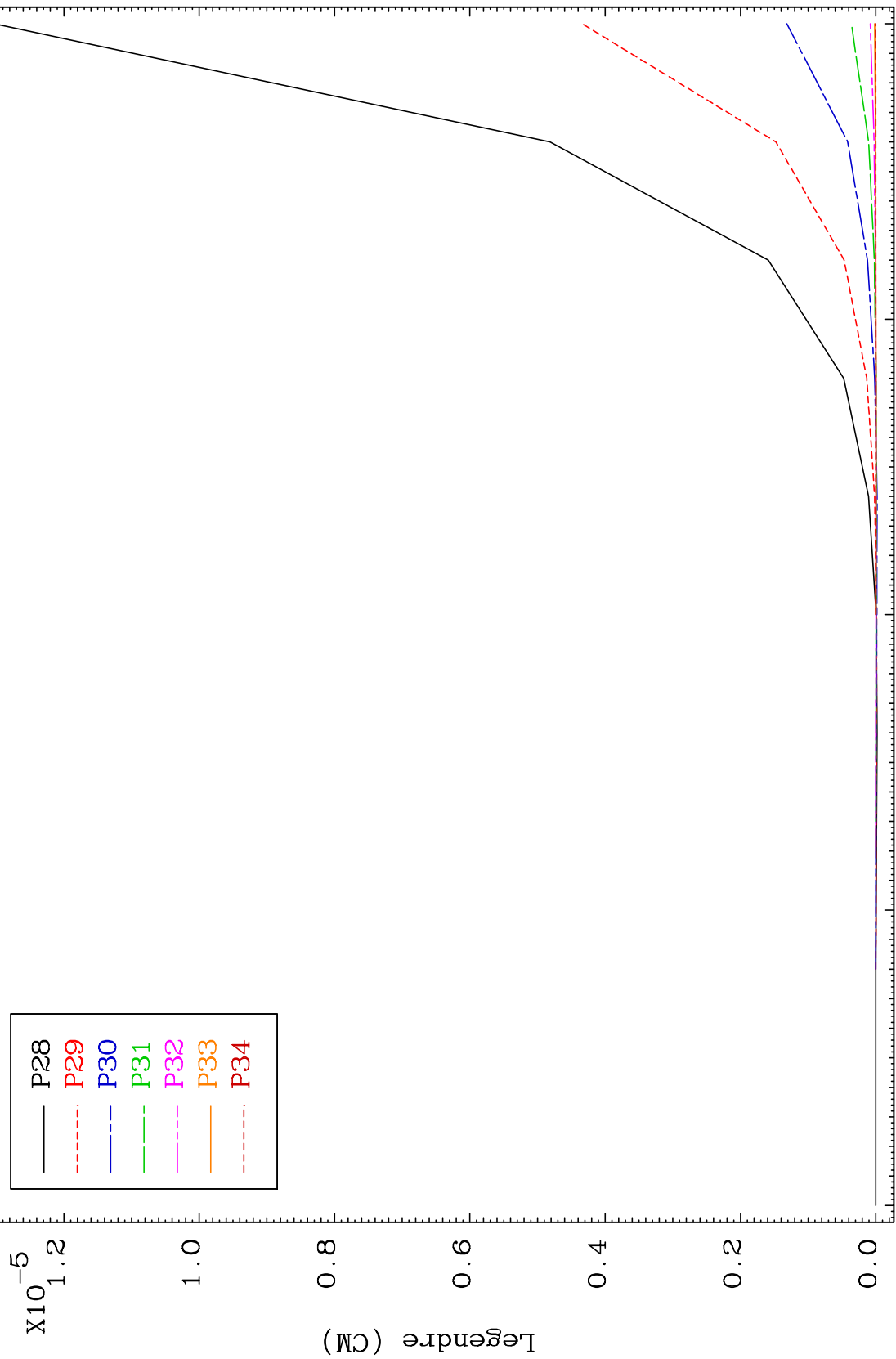
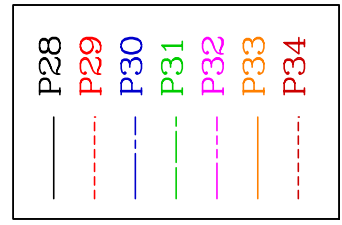
Incident Energy (MeV)

84-Po-203

MAT 8416

Elastic Legendre Coefficients

84-Po-203



18

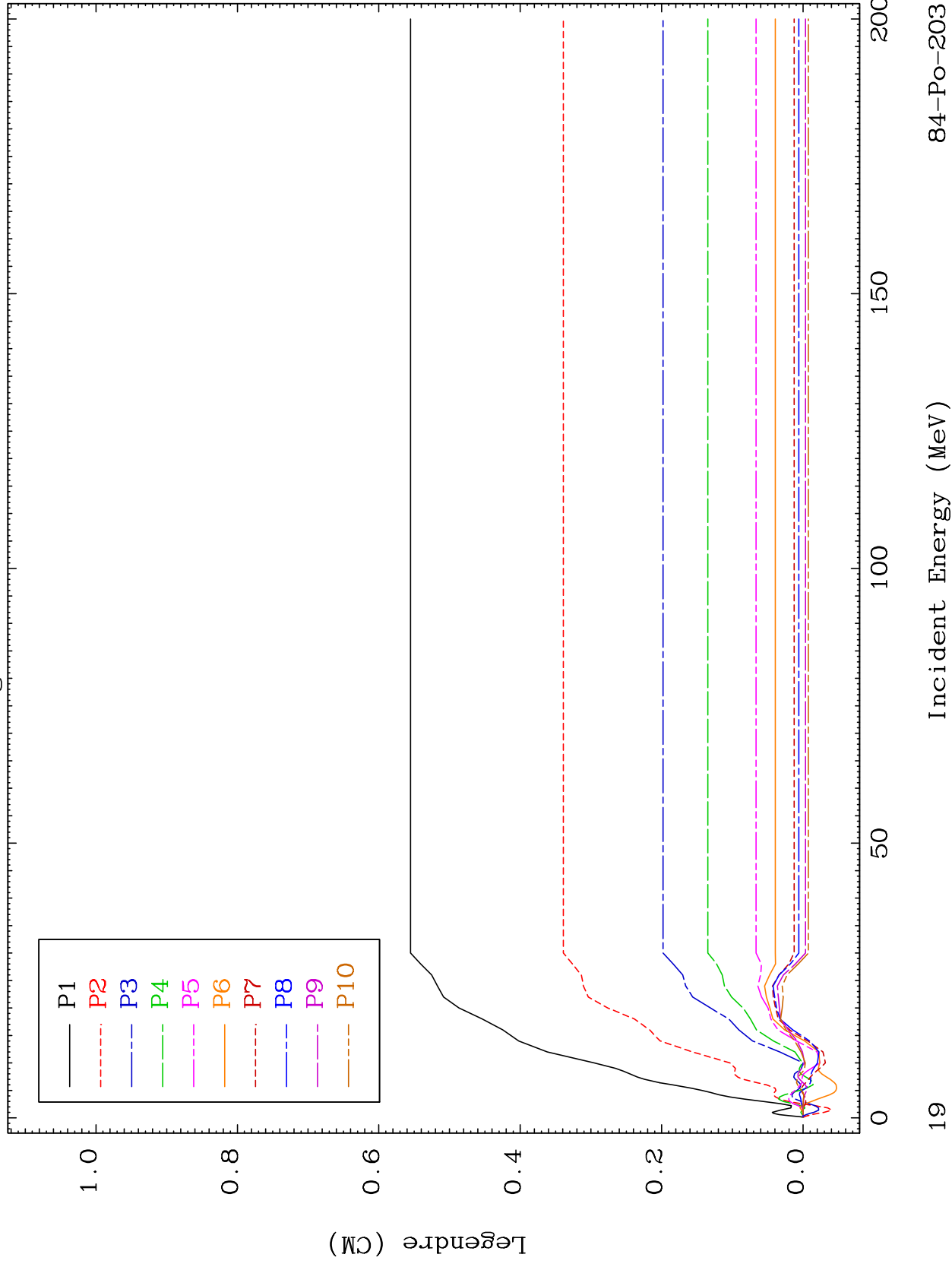
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 51 (n,n') Level  
Legendre Coefficients

84-Po-203



19

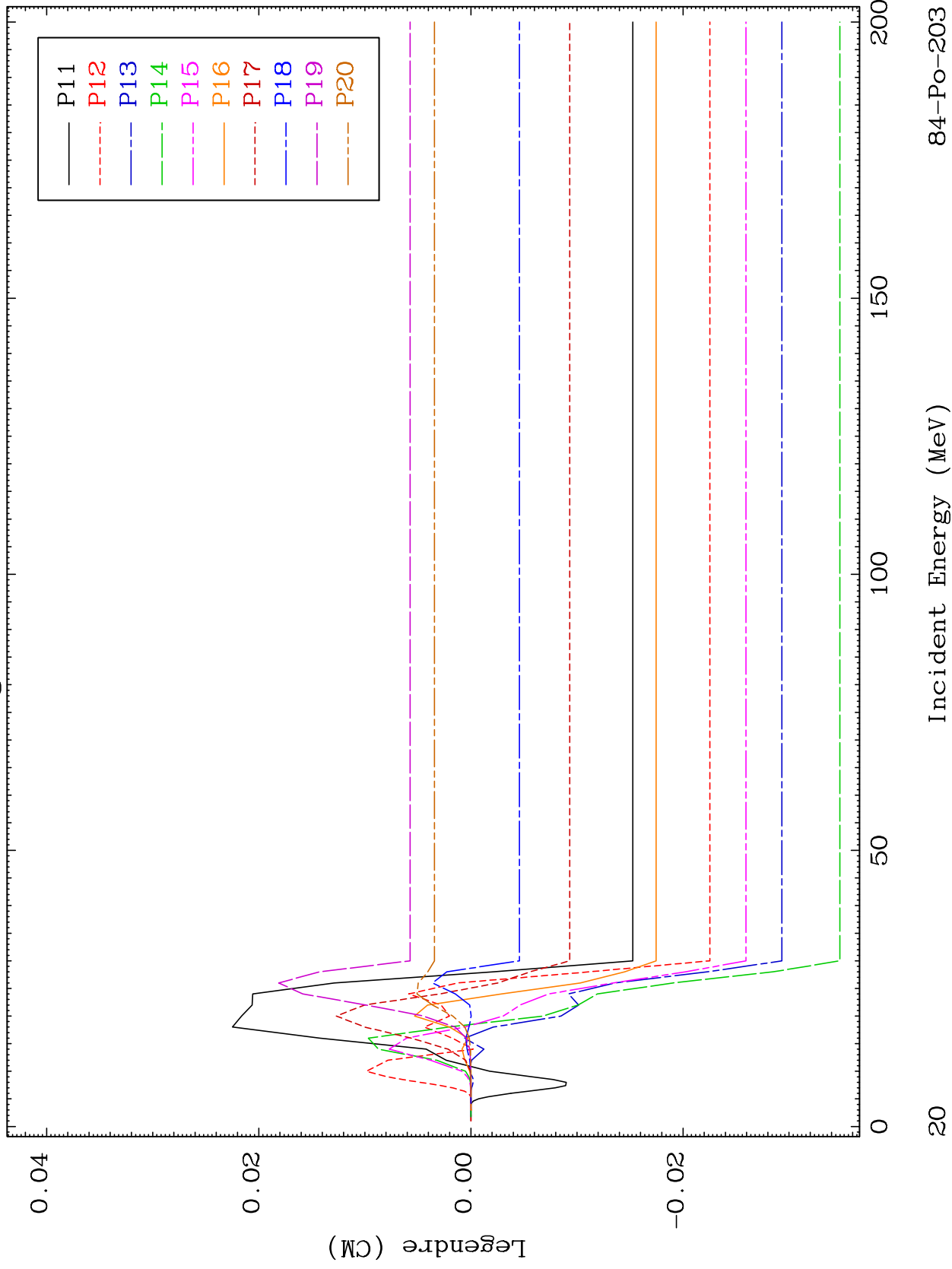
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 51 (n,n') Level  
Legendre Coefficients

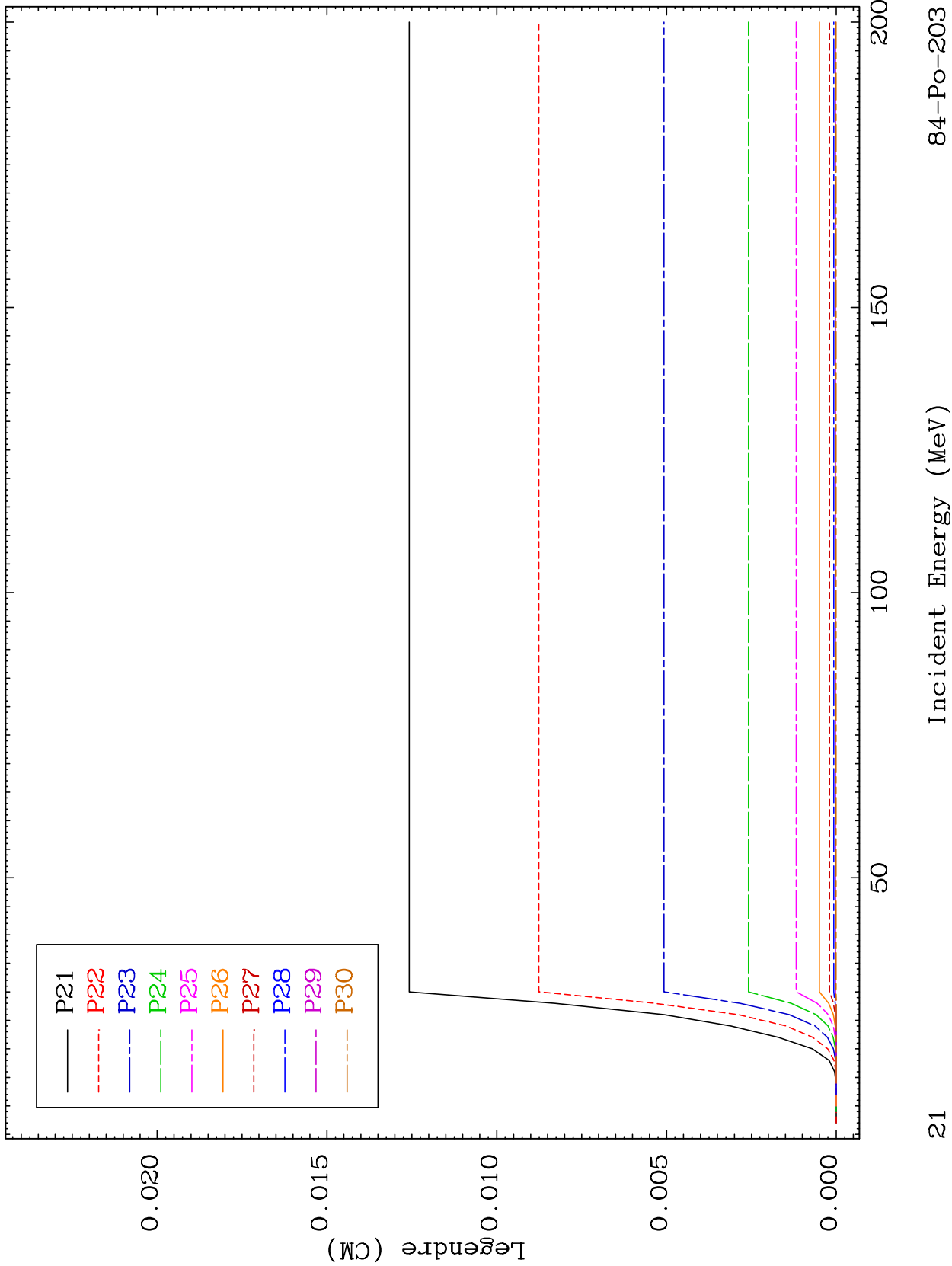
84-Po-203



MAT 8416

MT= 51 (n,n') Level  
Legendre Coefficients

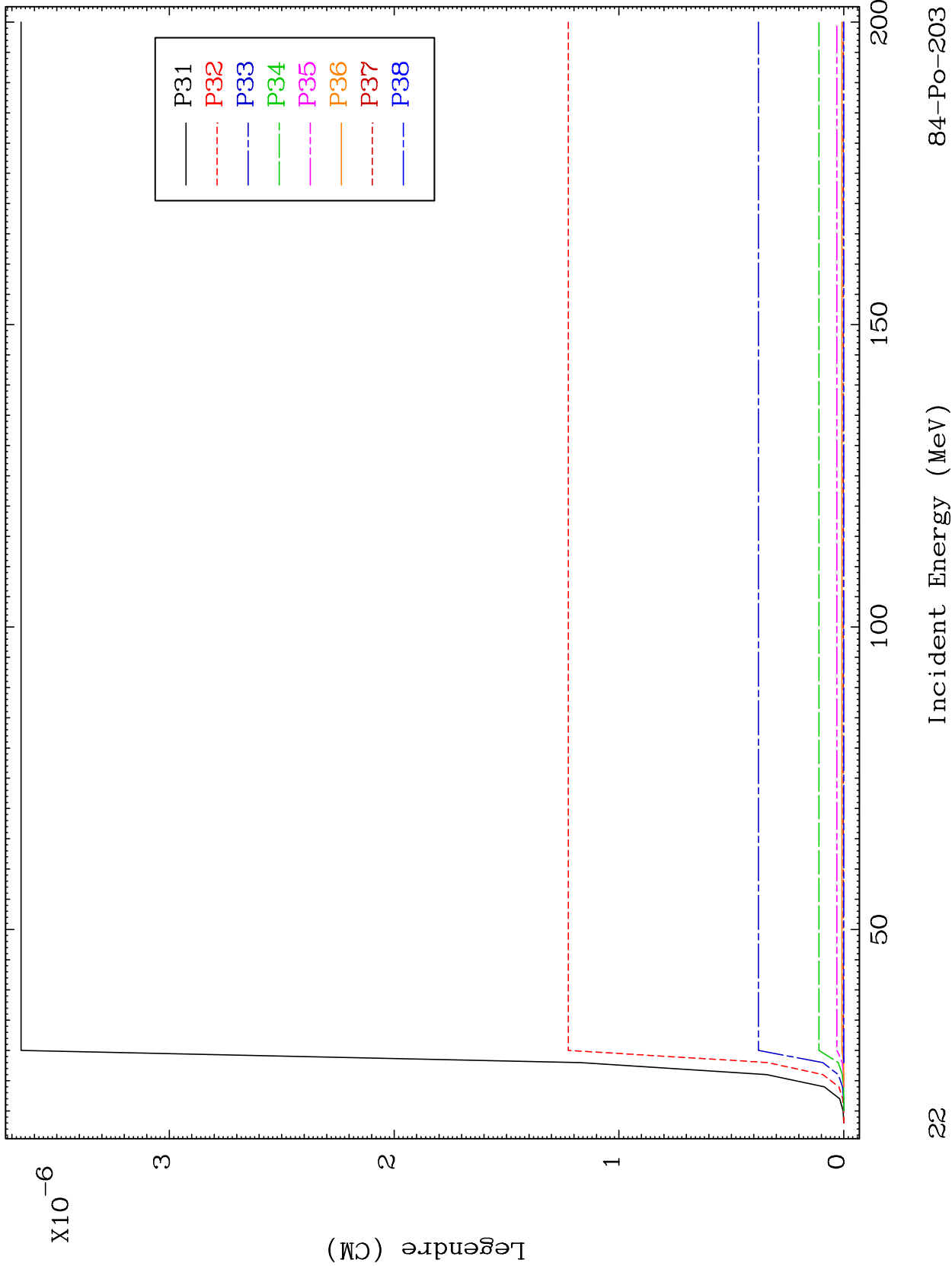
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MAT 8416

MT= 51 (n,n') Level  
Legendre Coefficients

84-Po-203



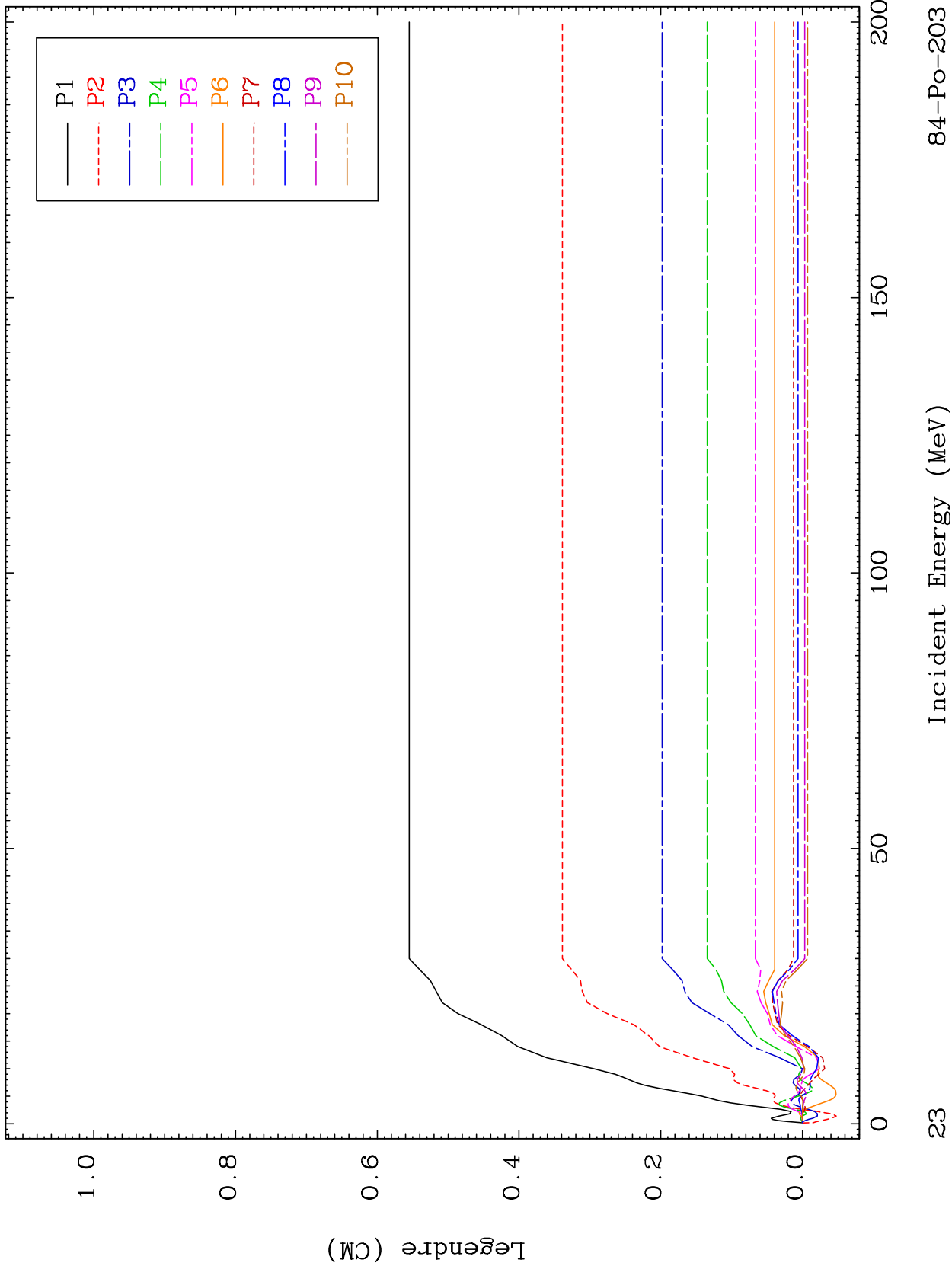
22

84-Po-203

MAT 8416

MT= 52 (n,n') Level  
Legendre Coefficients

84-Po-203



84-Po-203

Incident Energy (MeV)

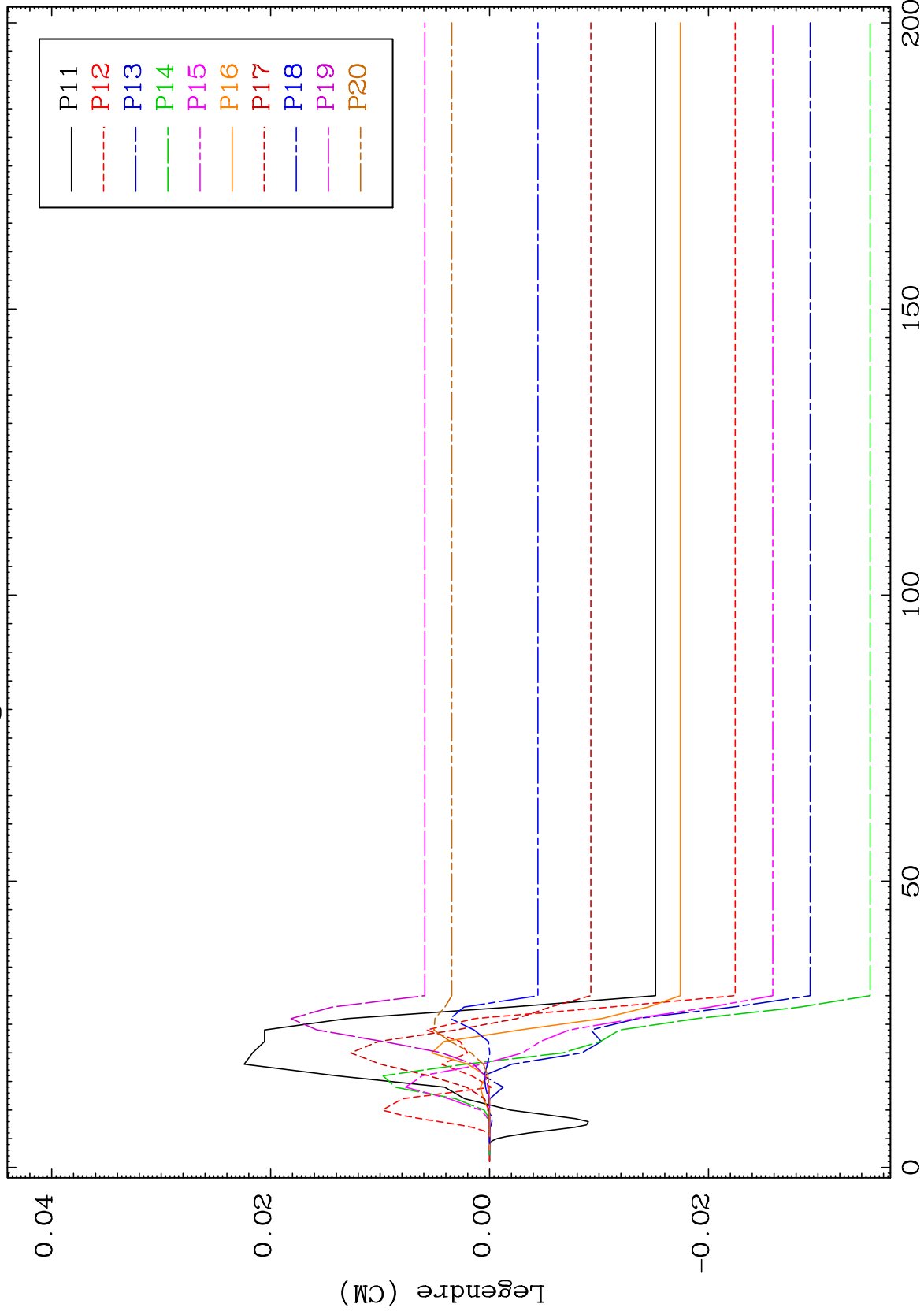
23



MAT 8416

MT= 52 (n,n') Level  
Legendre Coefficients

84-Po-203



24

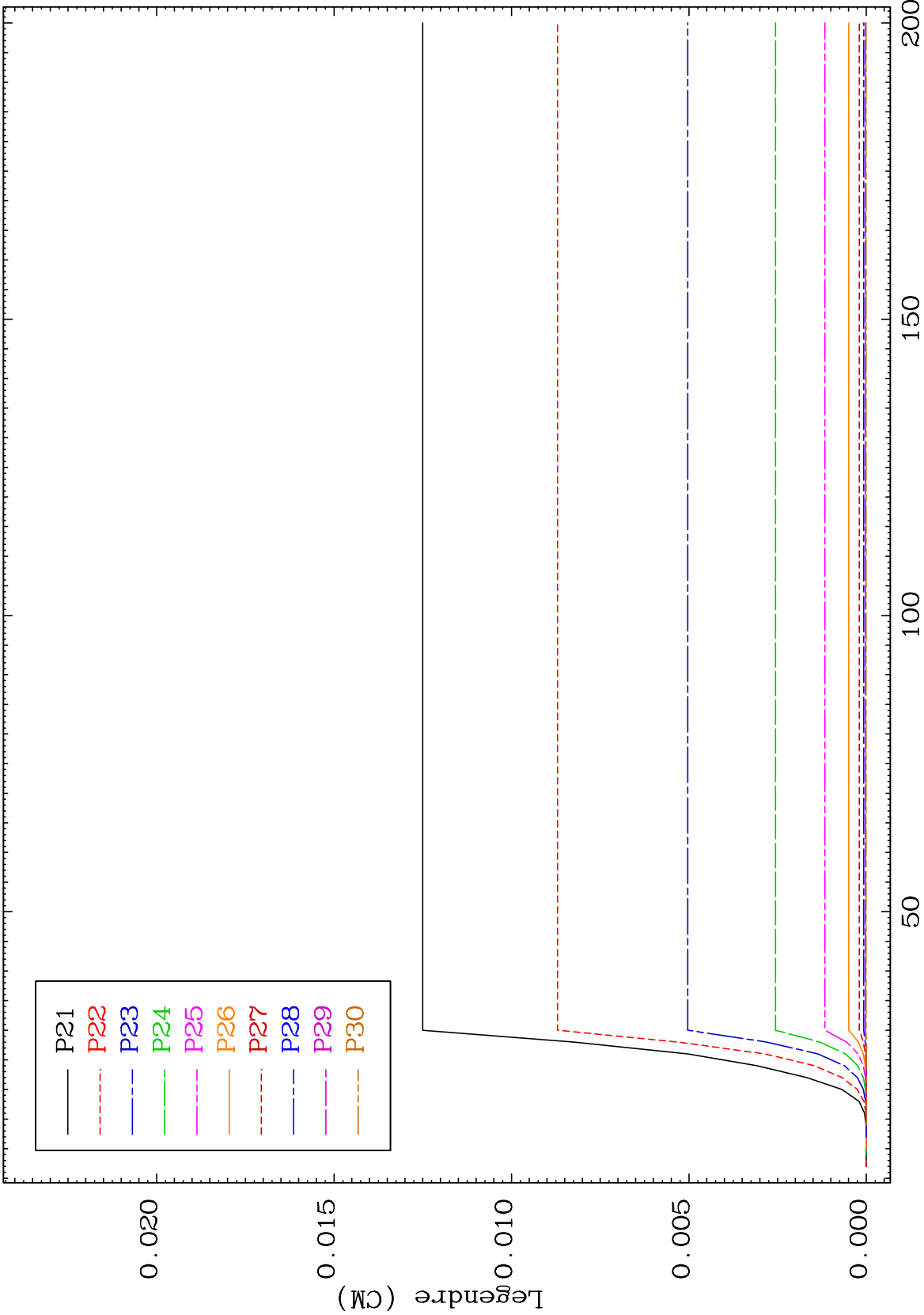
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 52 (n,n') Level  
Legendre Coefficients

84-Po-203



25

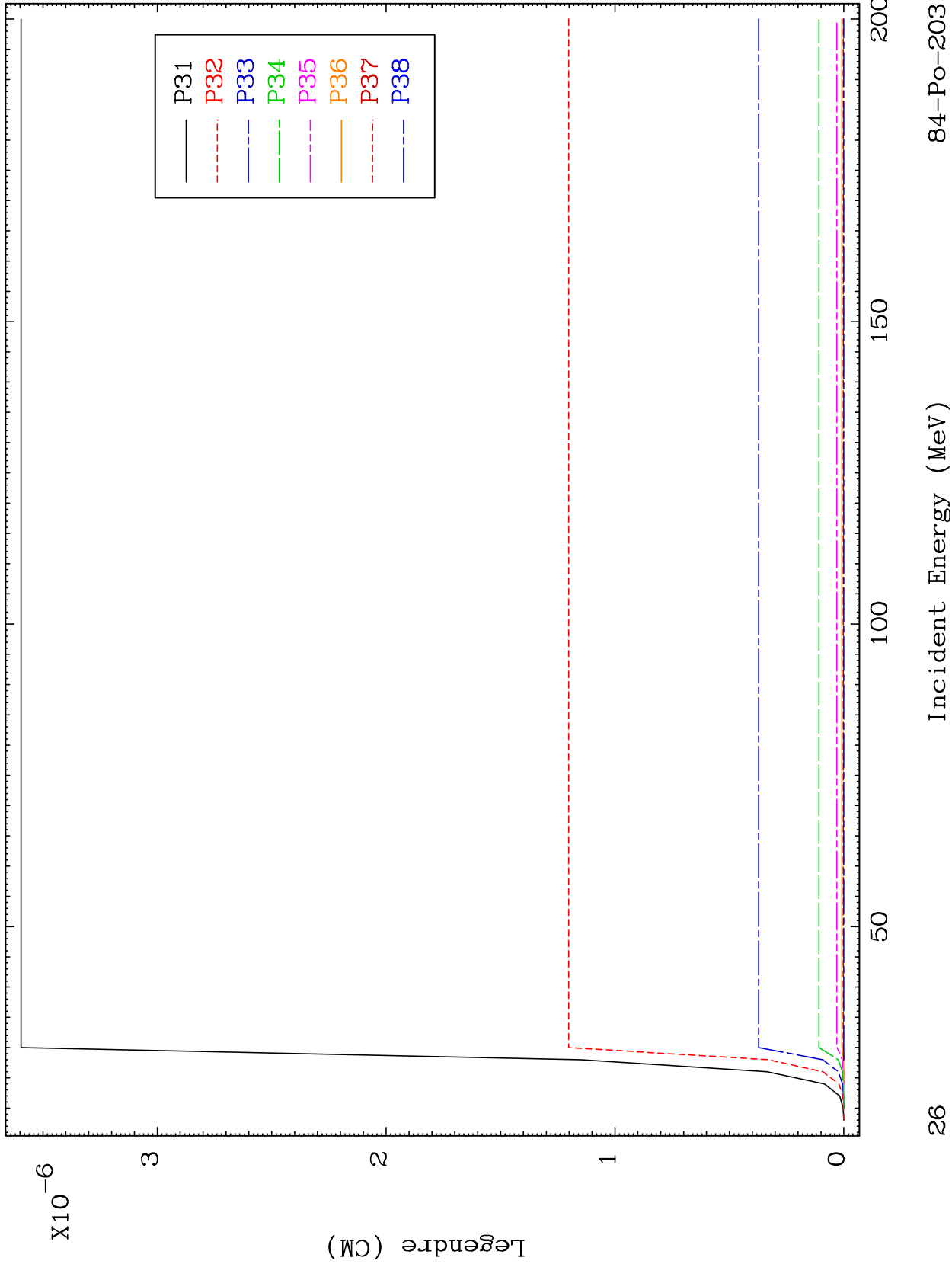
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 52 (n,n') Level  
Legendre Coefficients

84-Po-203



26

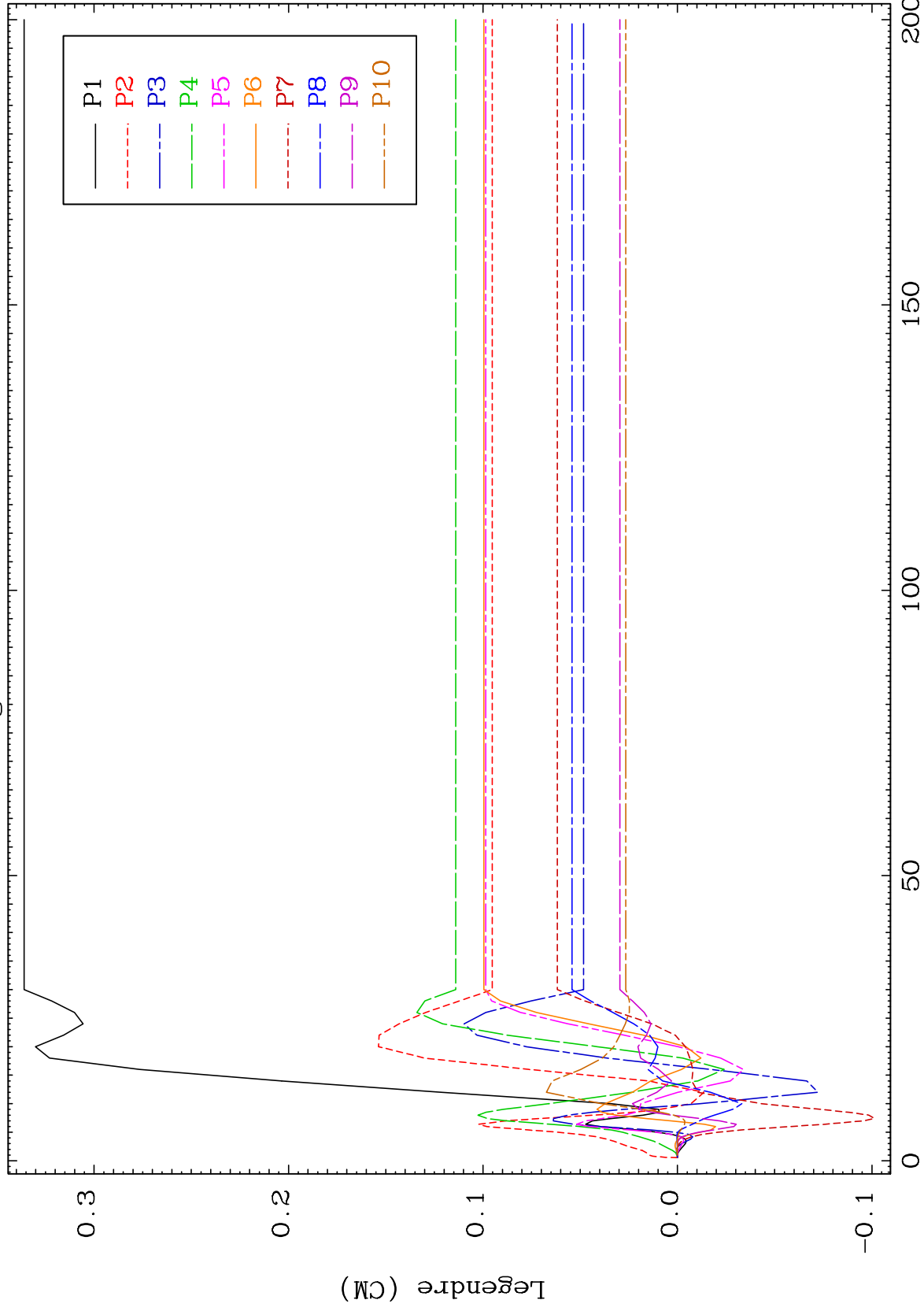
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 53 (n,n') Level  
Legendre Coefficients

84-Po-203



27

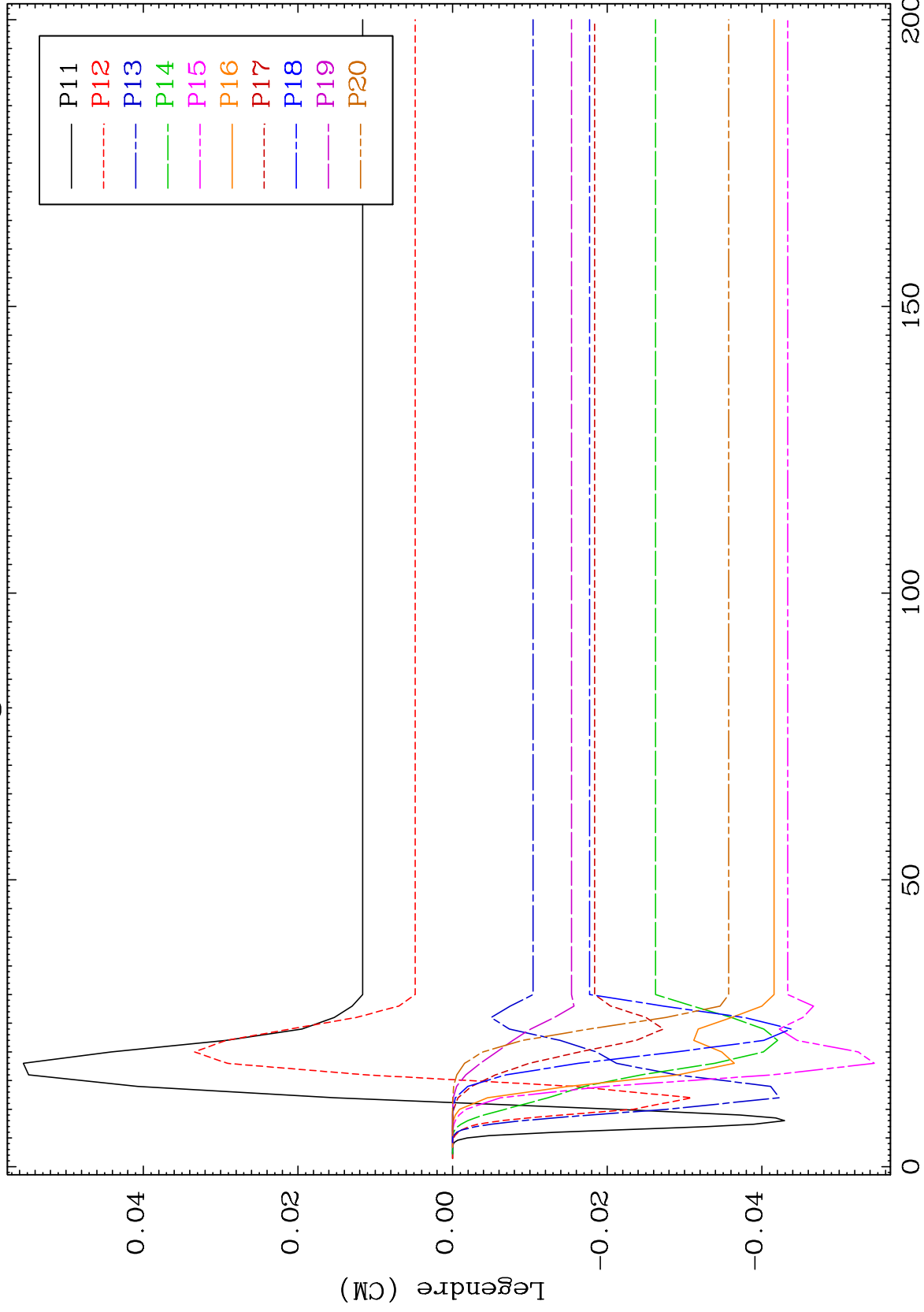
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 53 (n,n') Level  
Legendre Coefficients

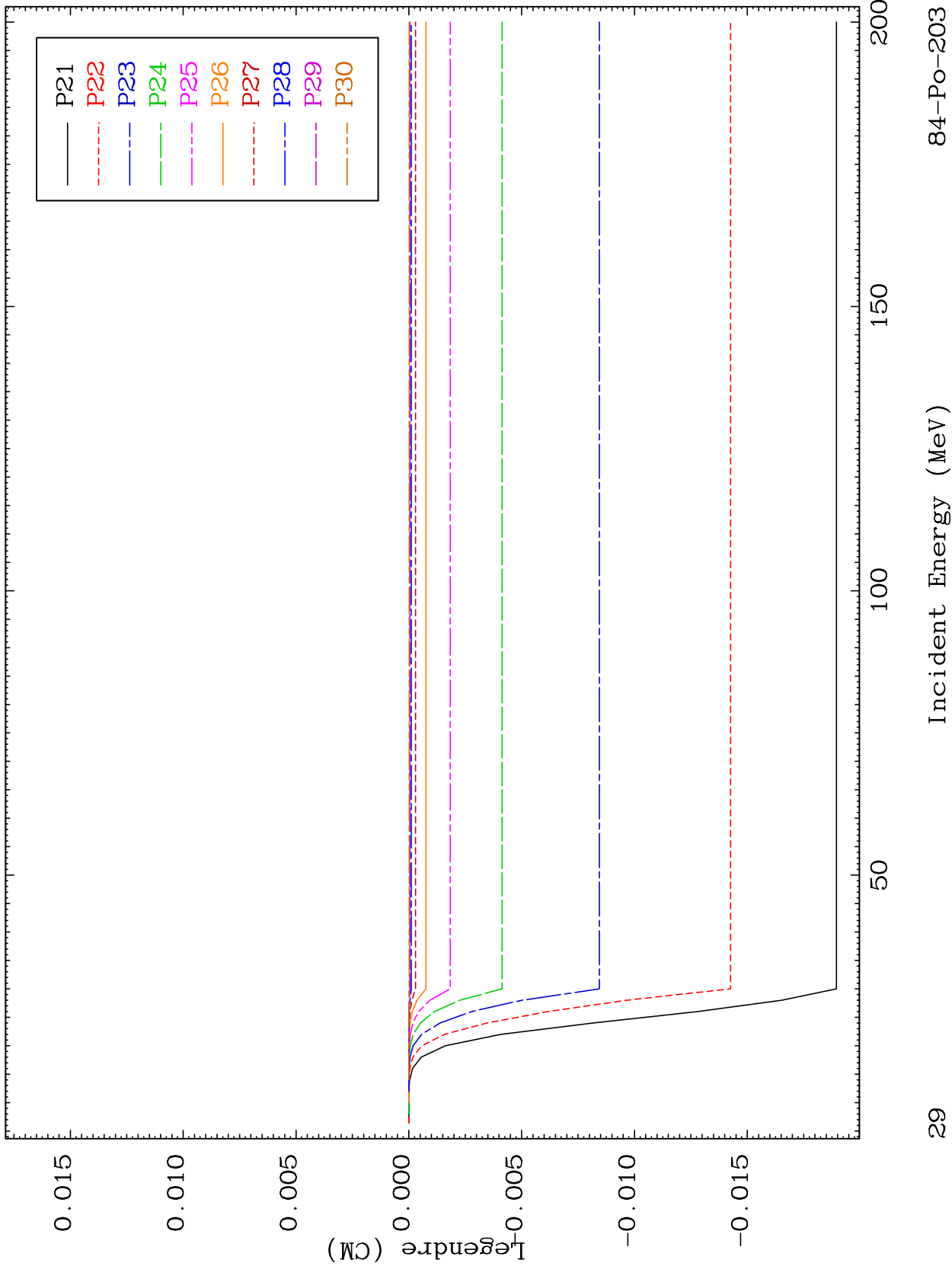
84-Po-203



28

Incident Energy (MeV)

84-Po-203

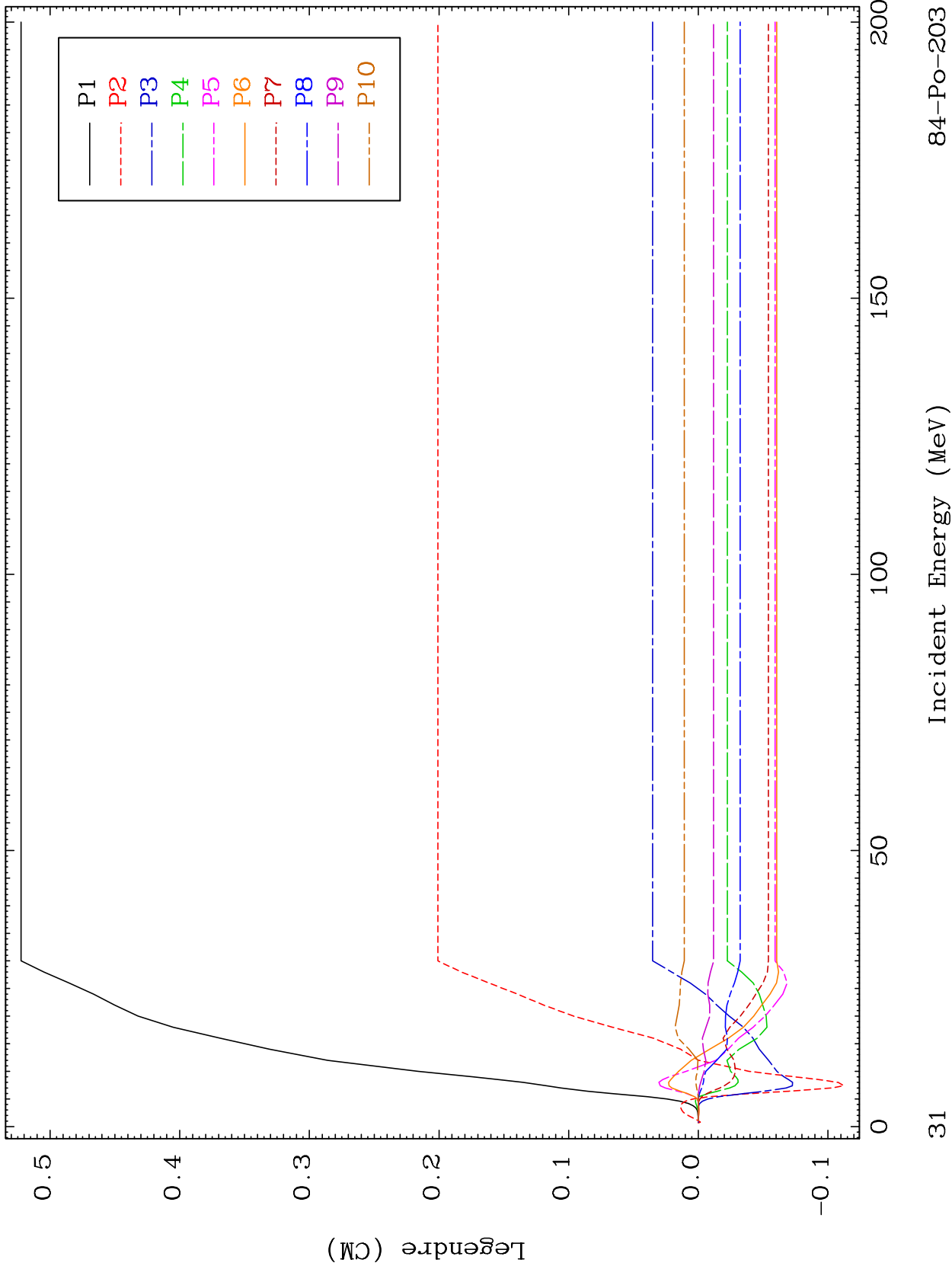




MAT 8416

MT= 54 (n,n') Level  
Legendre Coefficients

84-Po-203



31

Incident Energy (MeV)

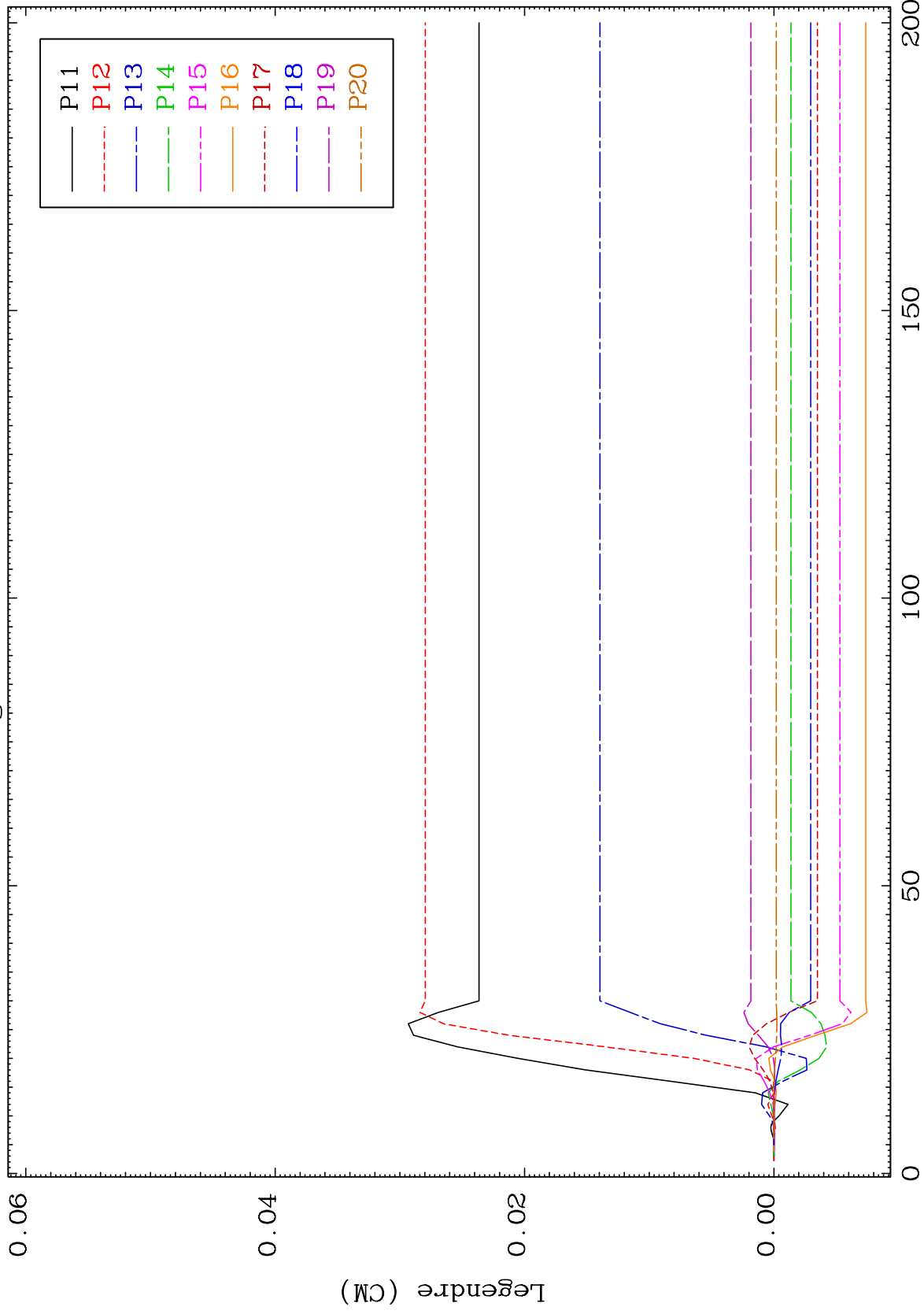
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MAT 8416

MT= 54 (n,n') Level  
Legendre Coefficients

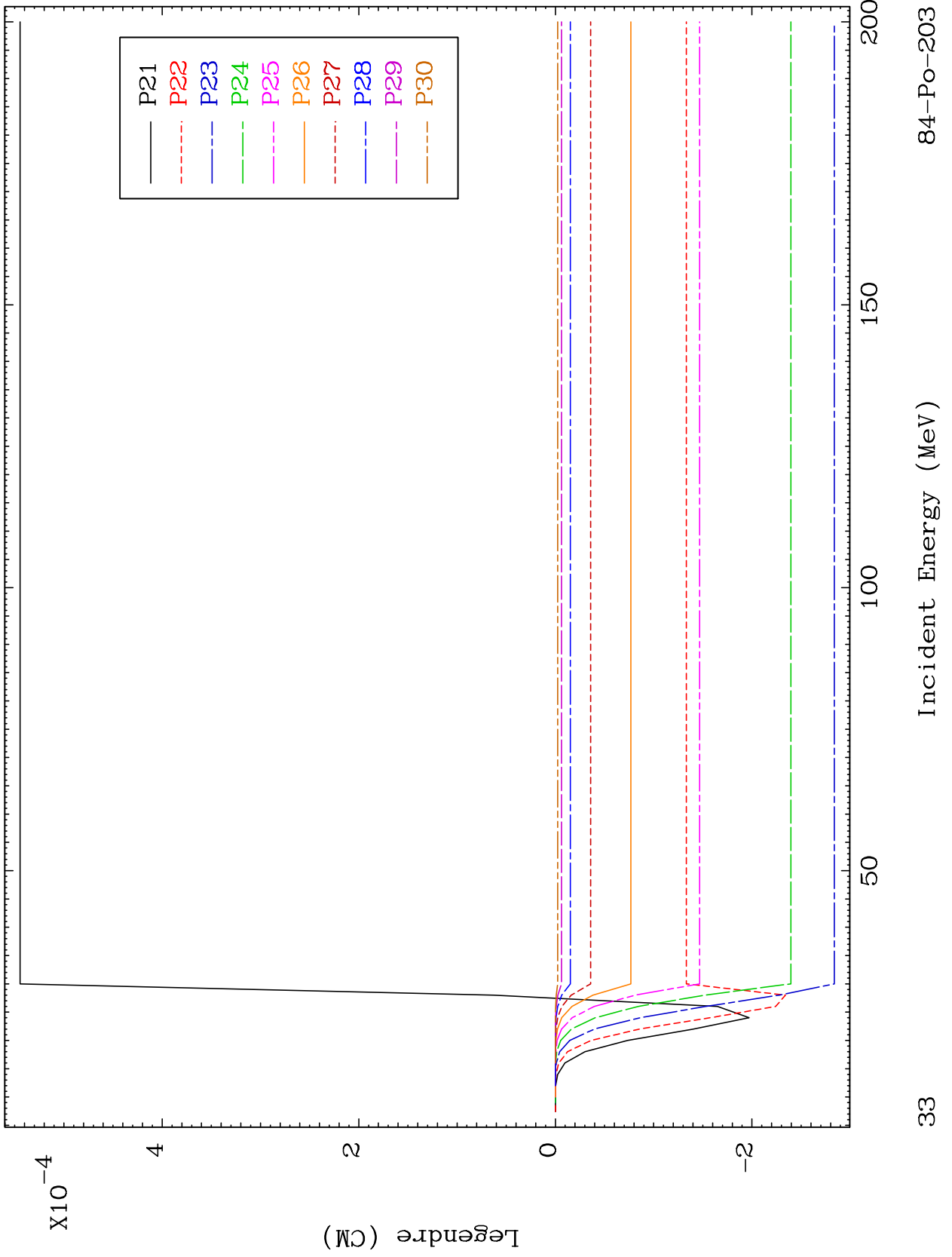
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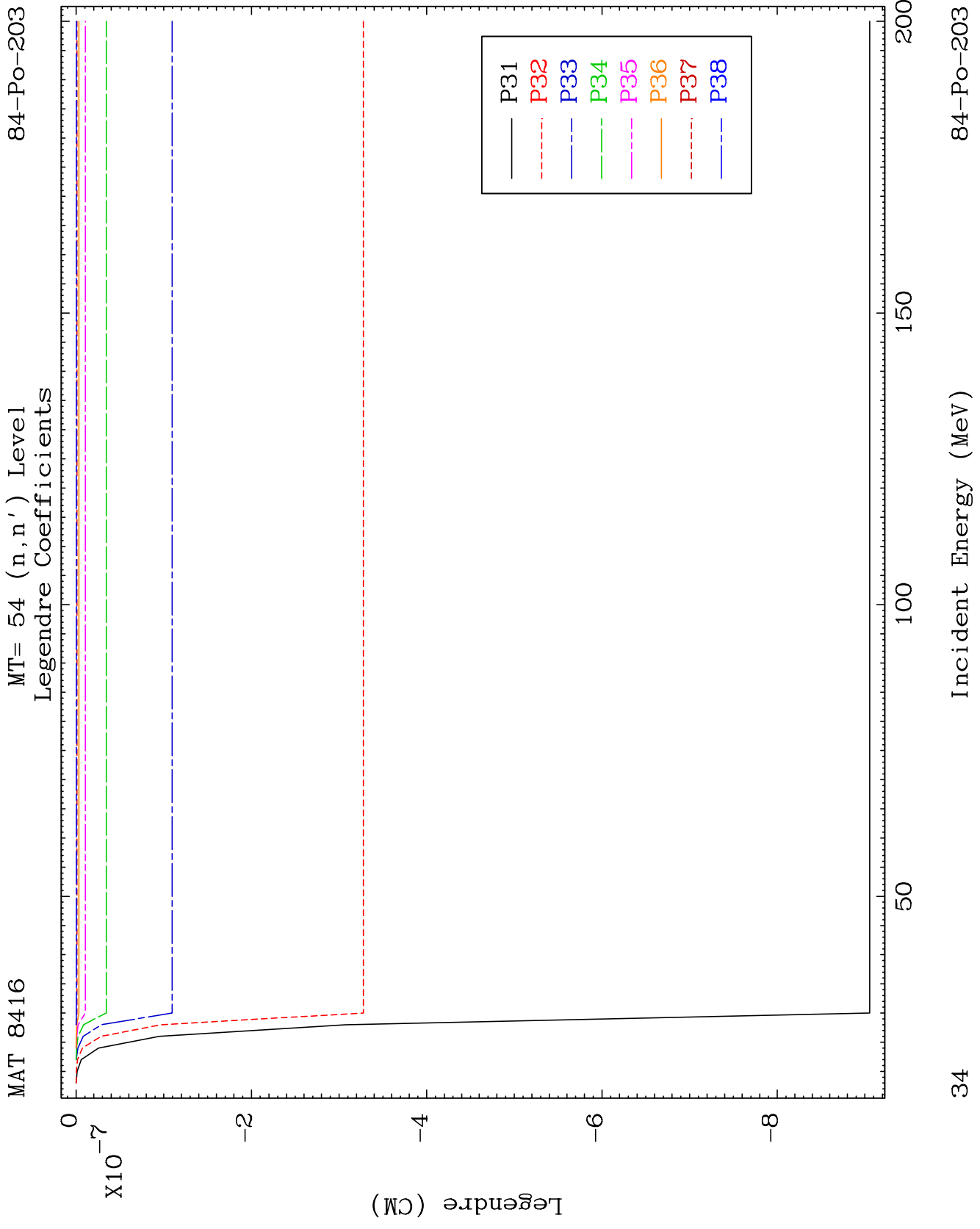


32

Incident Energy (MeV)

84-Po-203

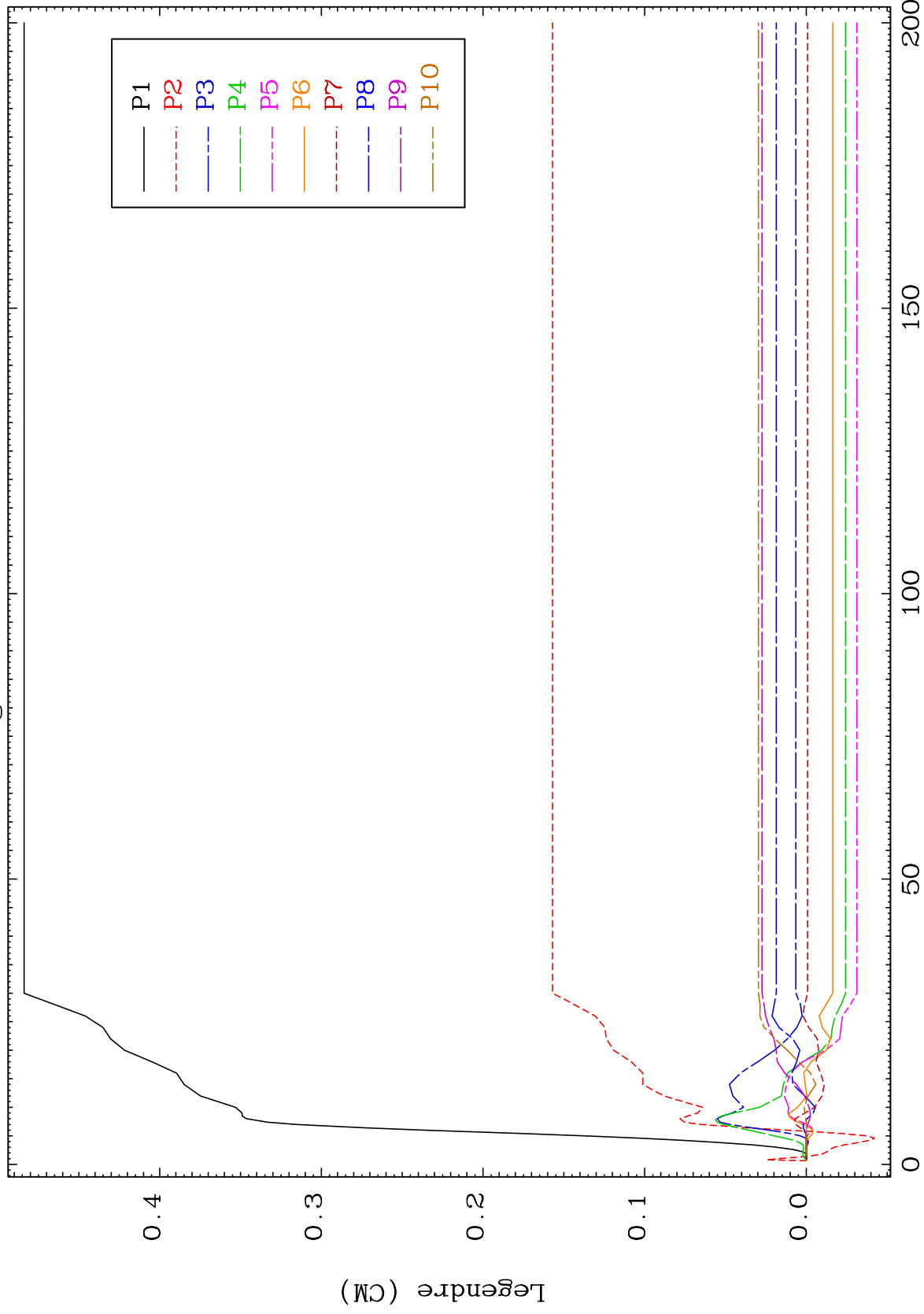




MAT 8416

MT= 55 (n,n') Level  
Legendre Coefficients

84-Po-203



84-Po-203

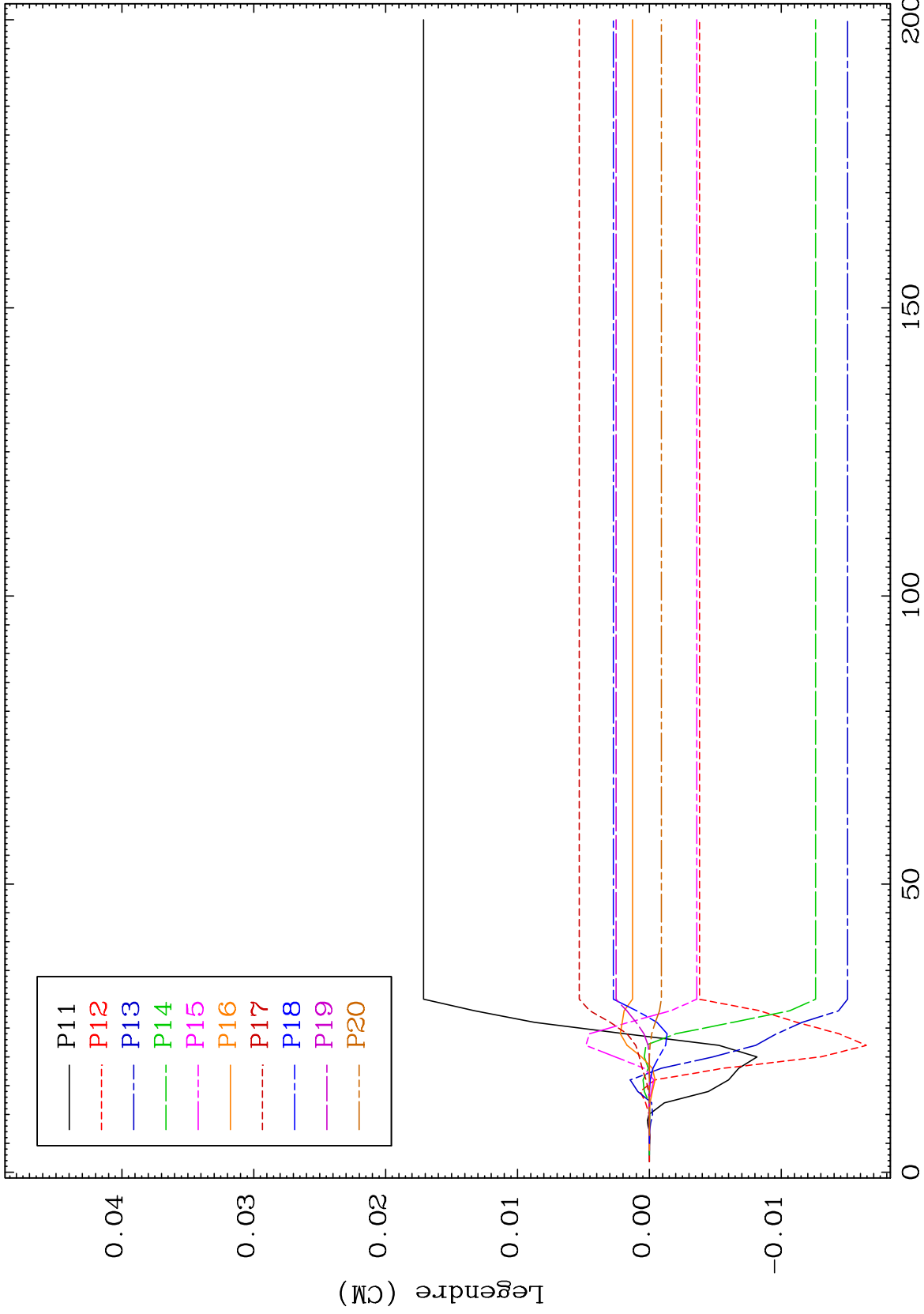
Incident Energy (MeV)

35

MAT 8416

MT= 55 (n,n') Level  
Legendre Coefficients

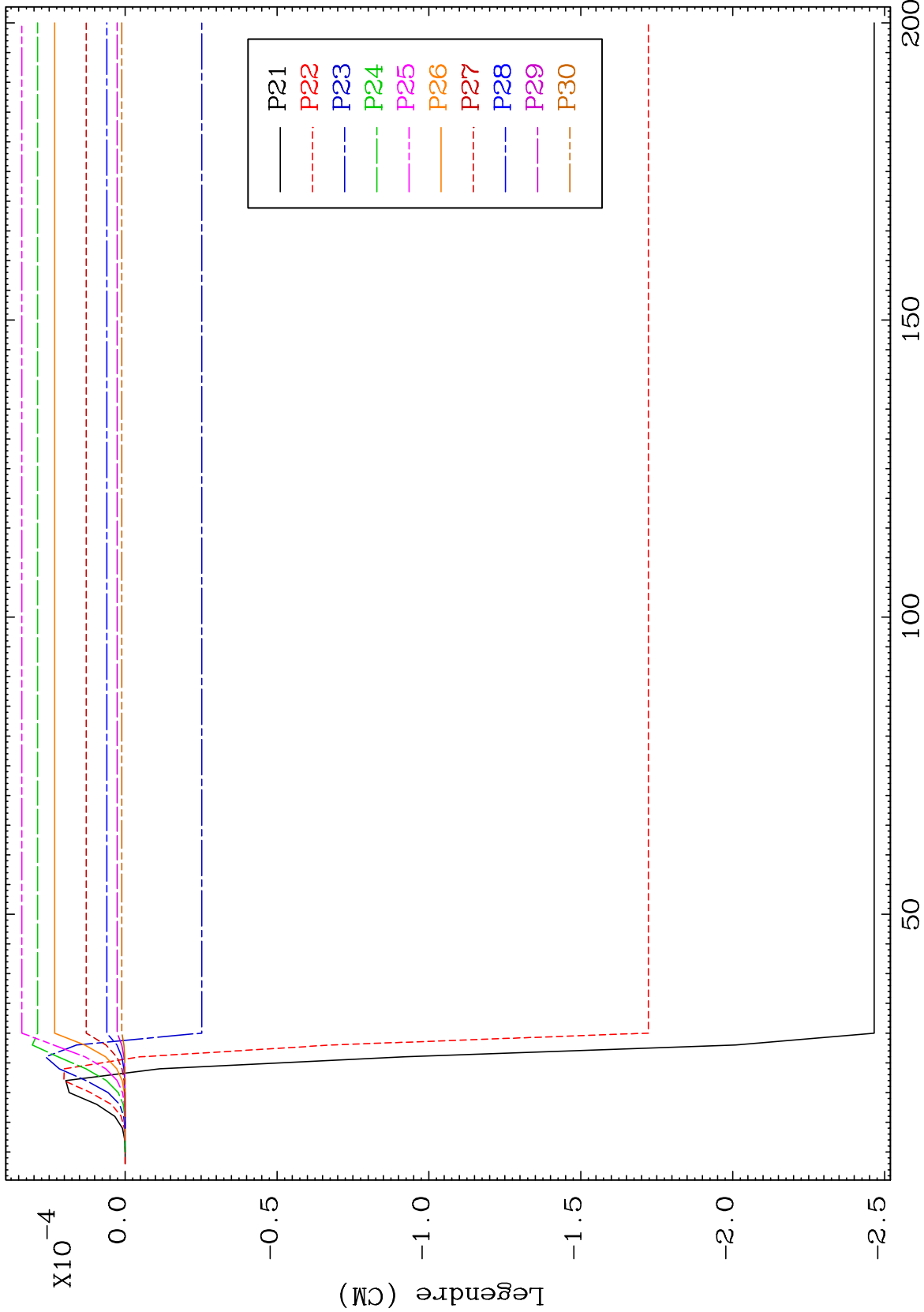
84-Po-203



36

Incident Energy (MeV)

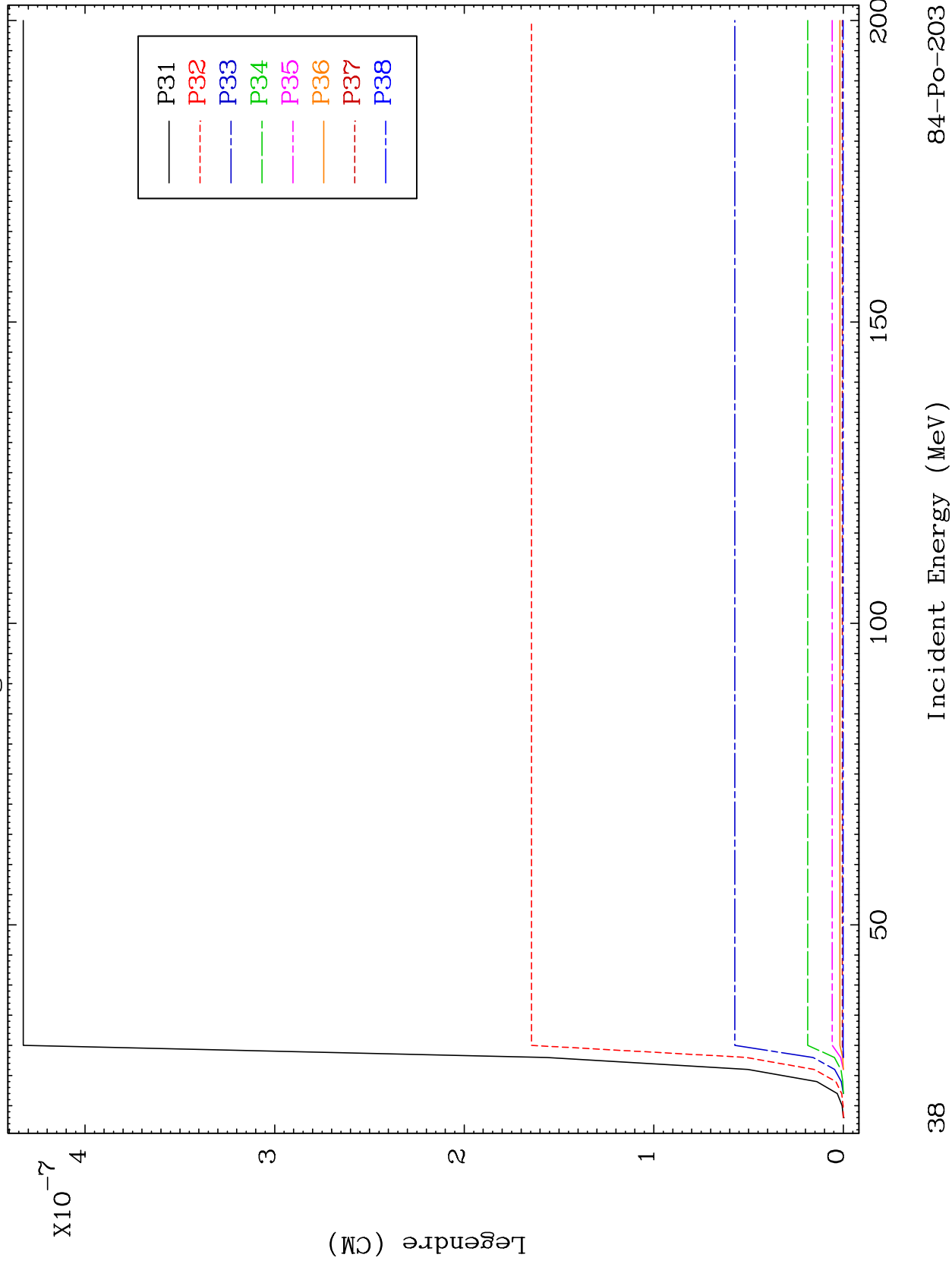
84-Po-203



MAT 8416

MT= 55 (n,n') Level  
Legendre Coefficients

84-Po-203



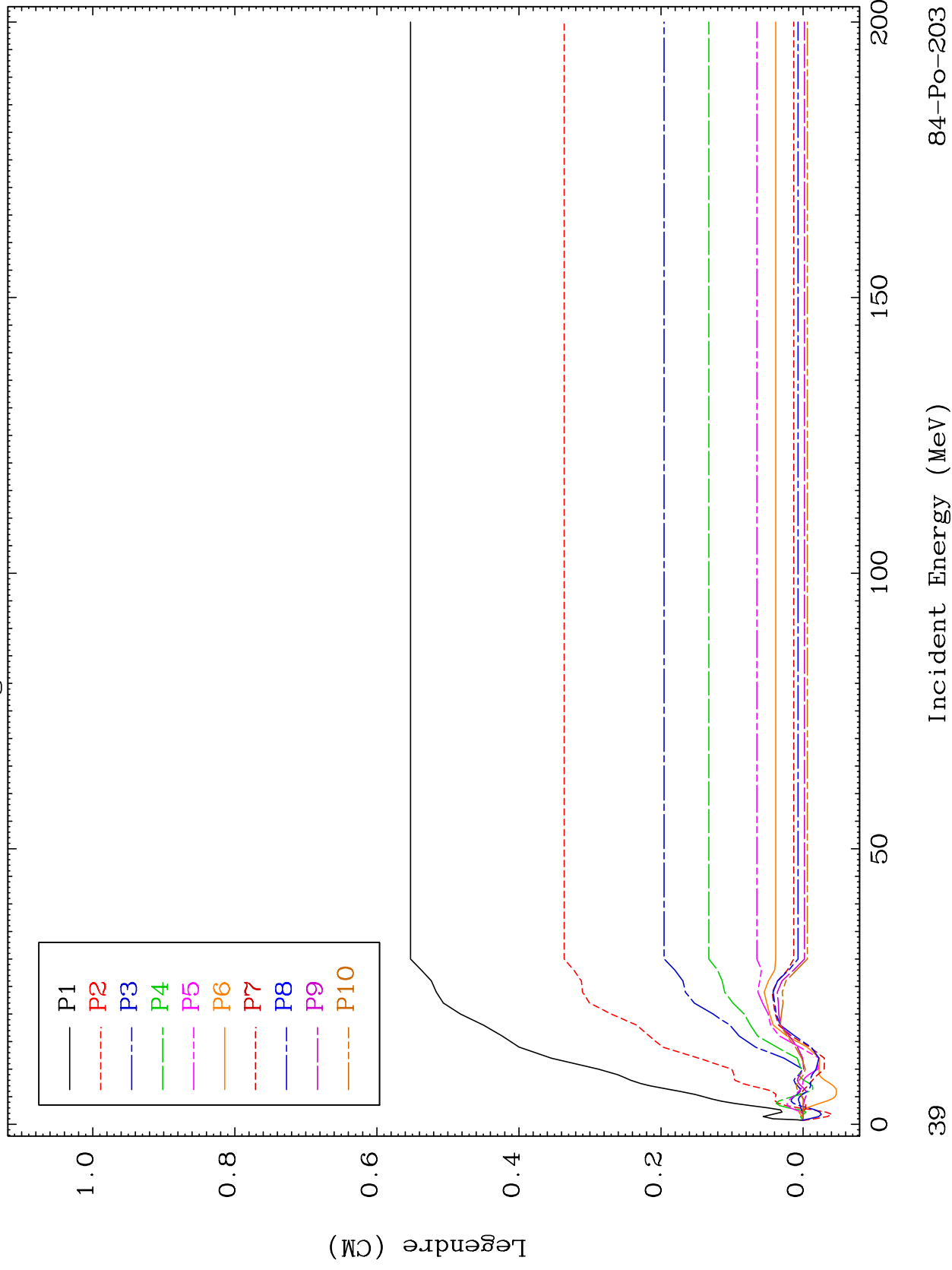
38

84-Po-203

MAT 8416

MT= 56 (n,n') Level  
Legendre Coefficients

84-Po-203



39

Incident Energy (MeV)

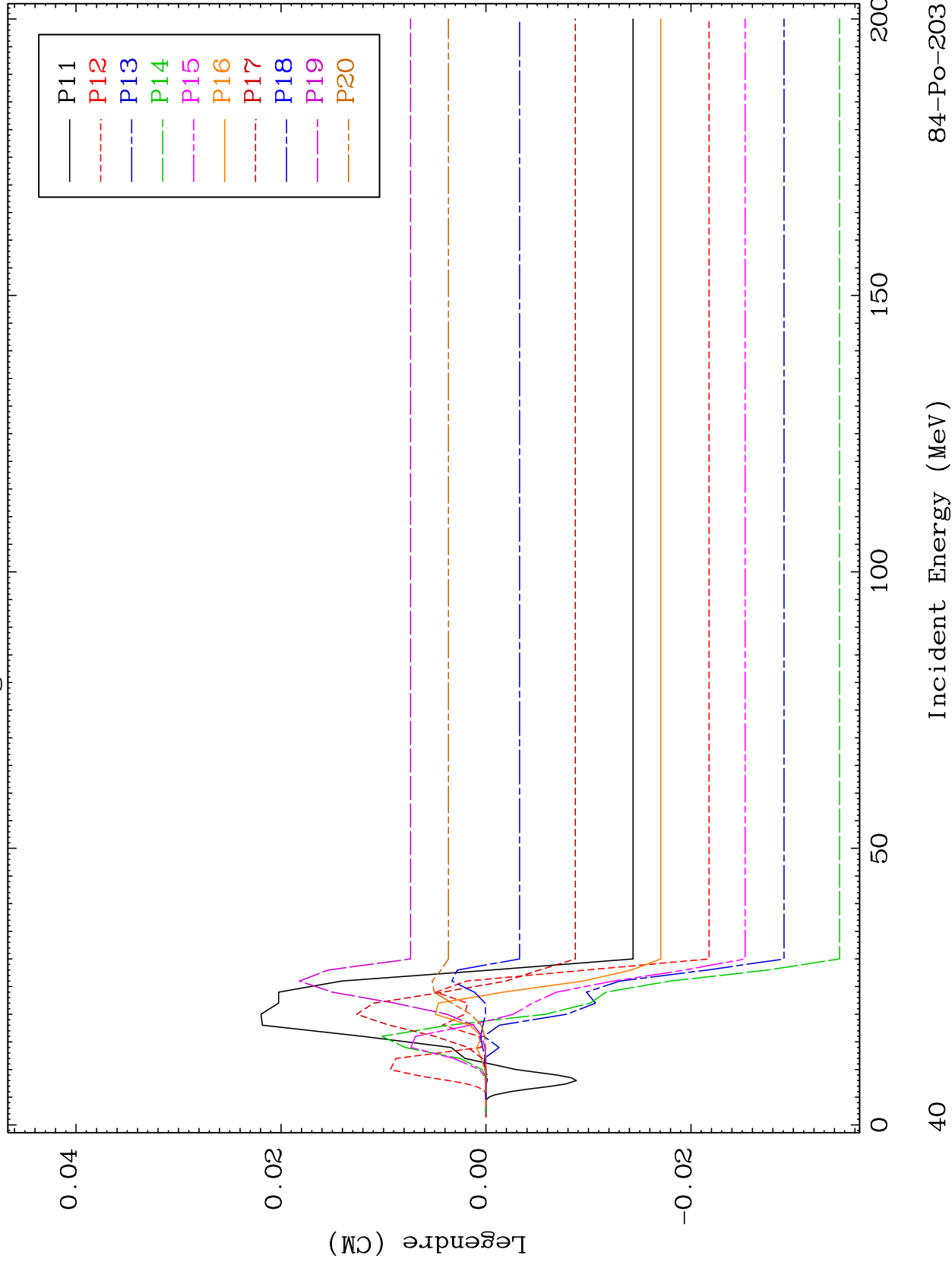
84-Po-203



MAT 8416

MT= 56 (n,n') Level  
Legendre Coefficients

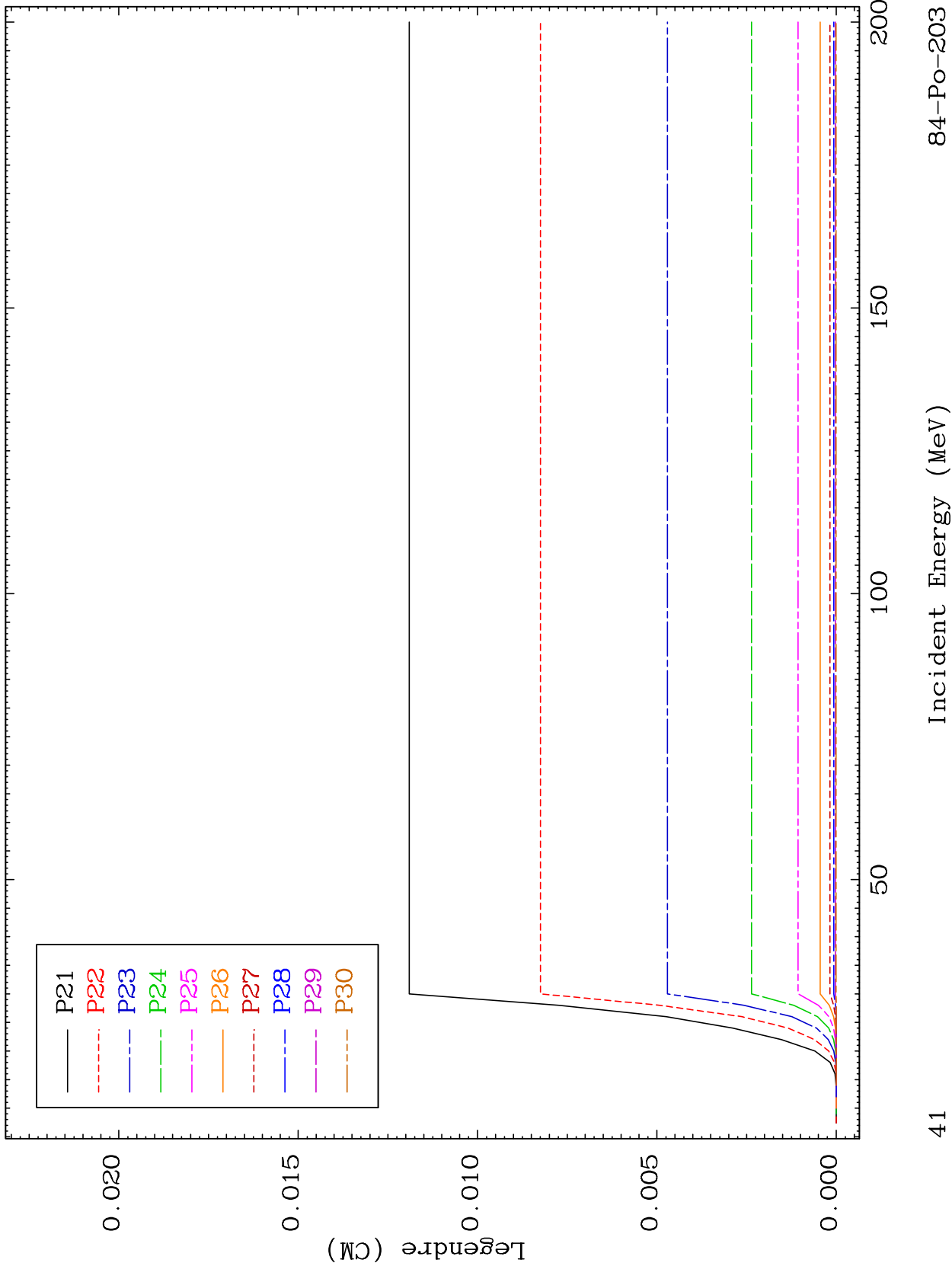
84-Po-203



84-Po-203

Incident Energy (MeV)

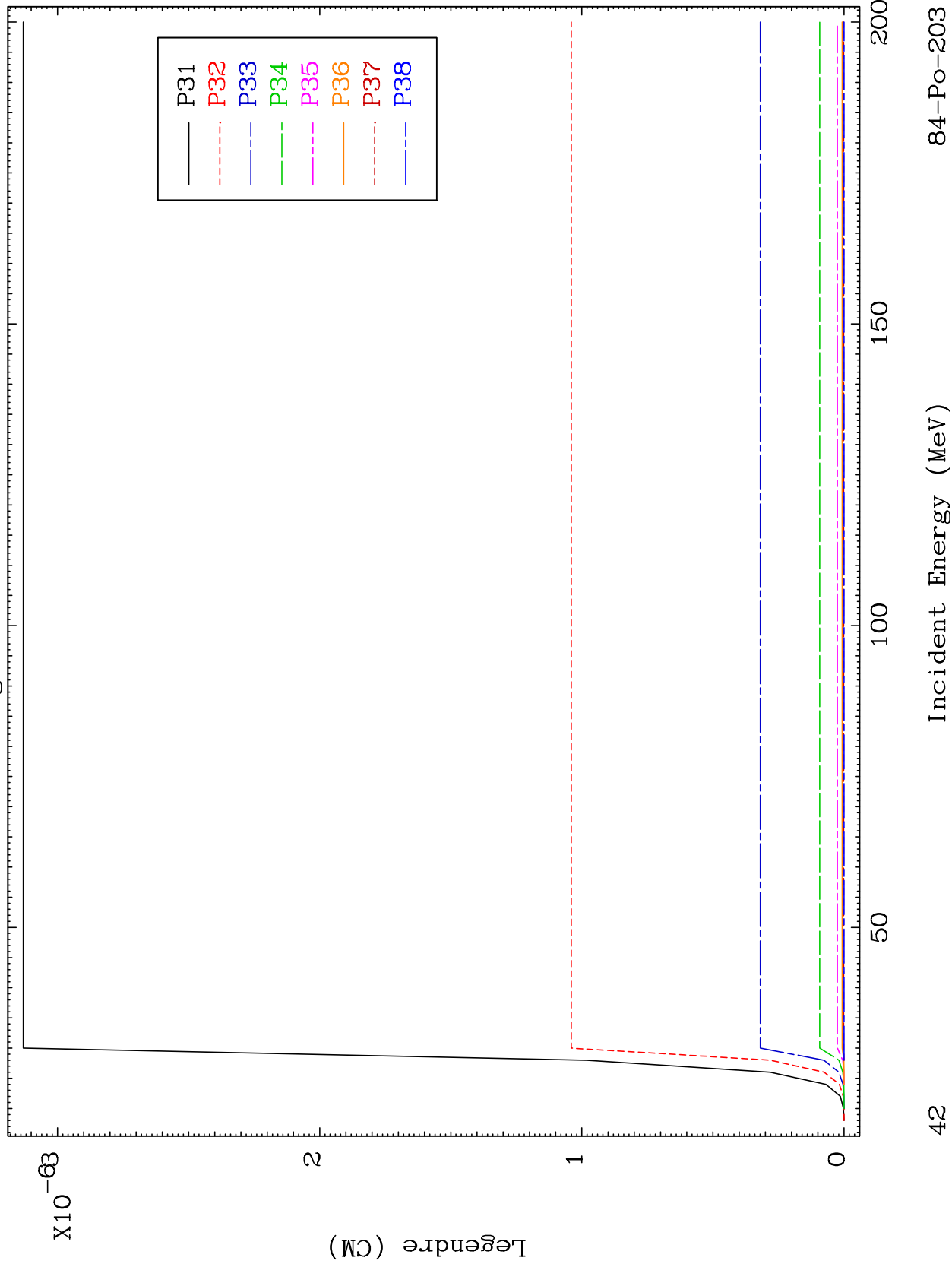
40



MAT 8416

MT= 56 (n,n') Level  
Legendre Coefficients

84-Po-203



42

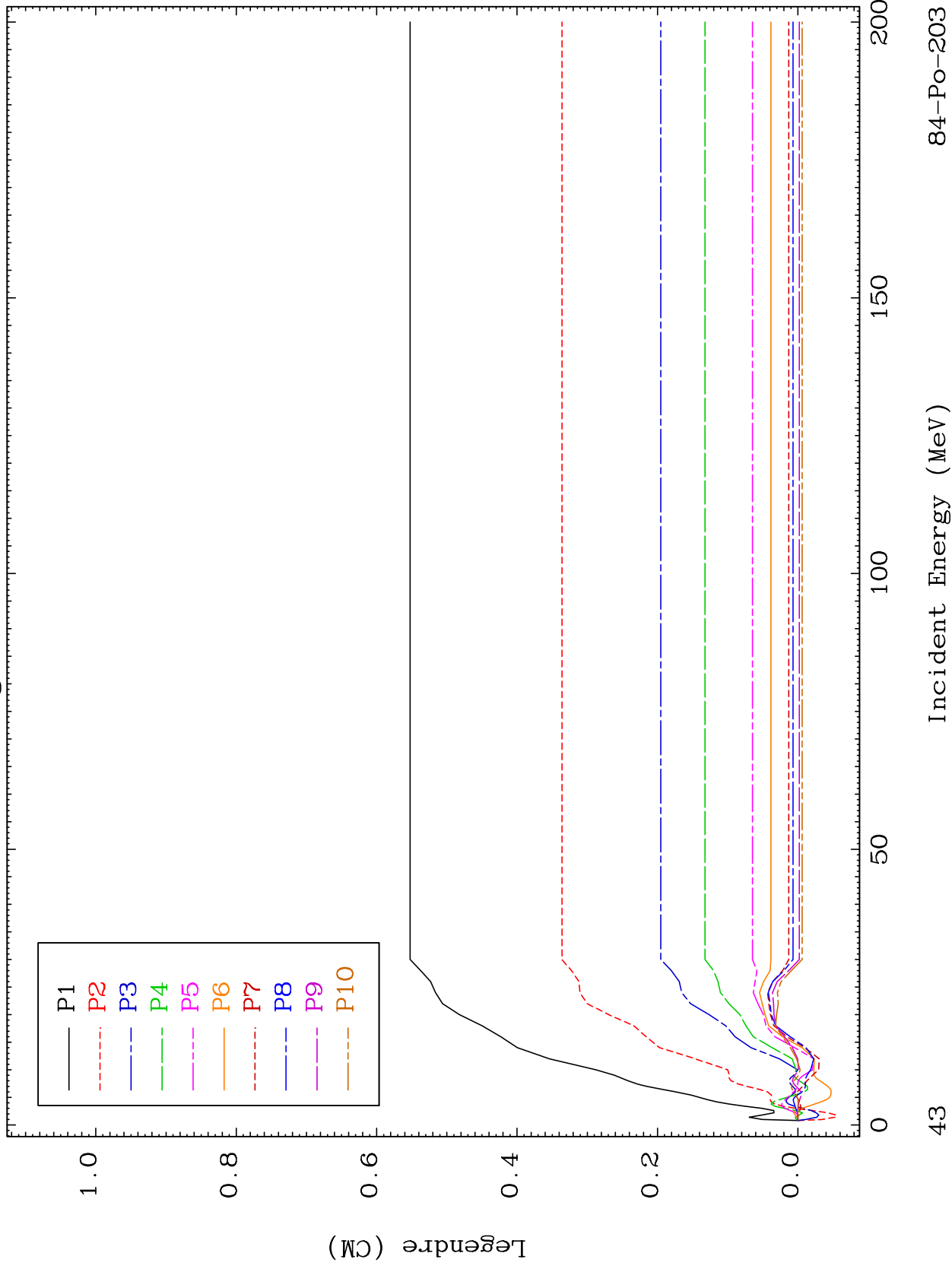
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 57 (n,n') Level  
Legendre Coefficients

84-Po-203



84-Po-203

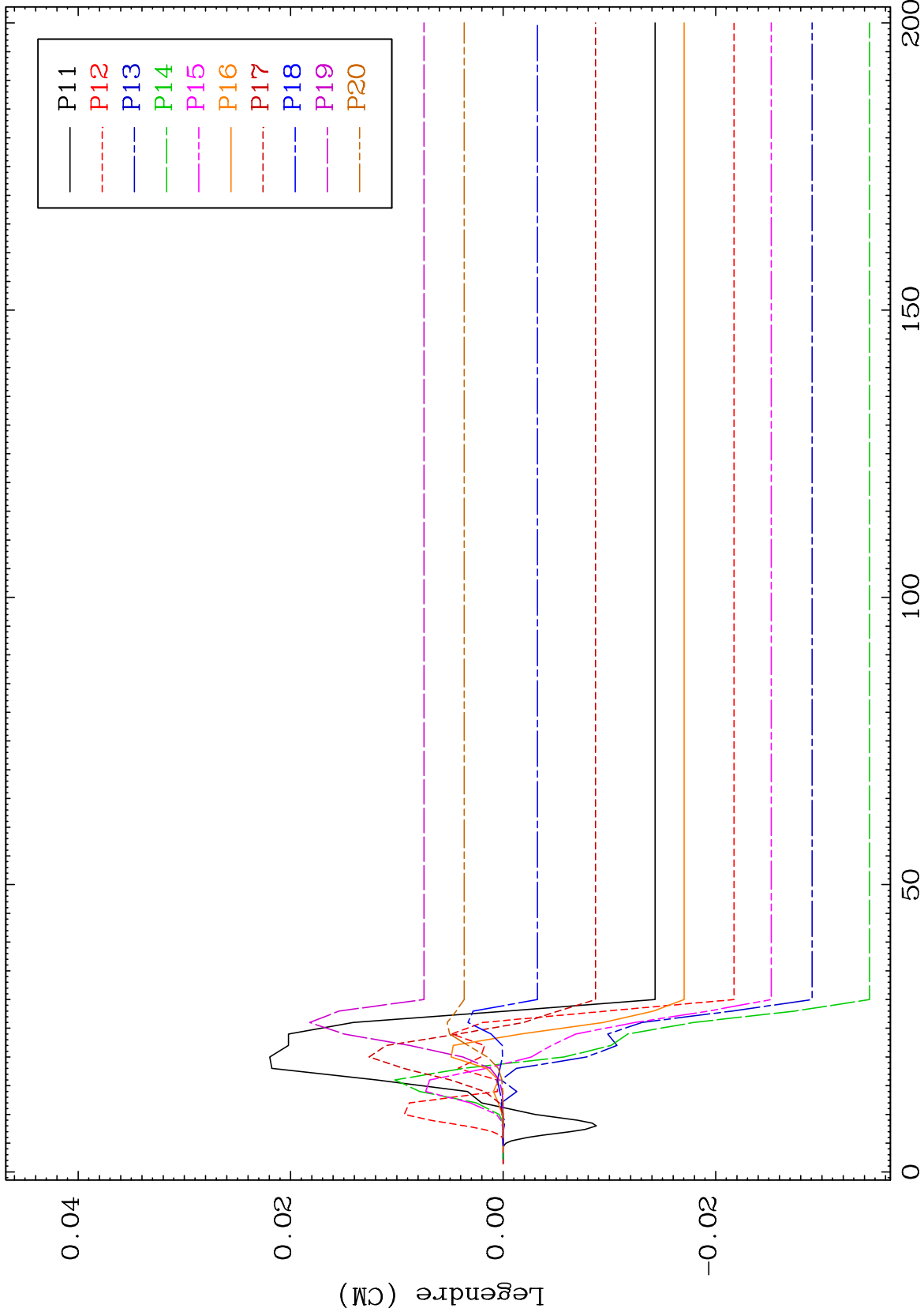
Incident Energy (MeV)

43

MAT 8416

MT= 57 (n,n') Level  
Legendre Coefficients

84-Po-203



44

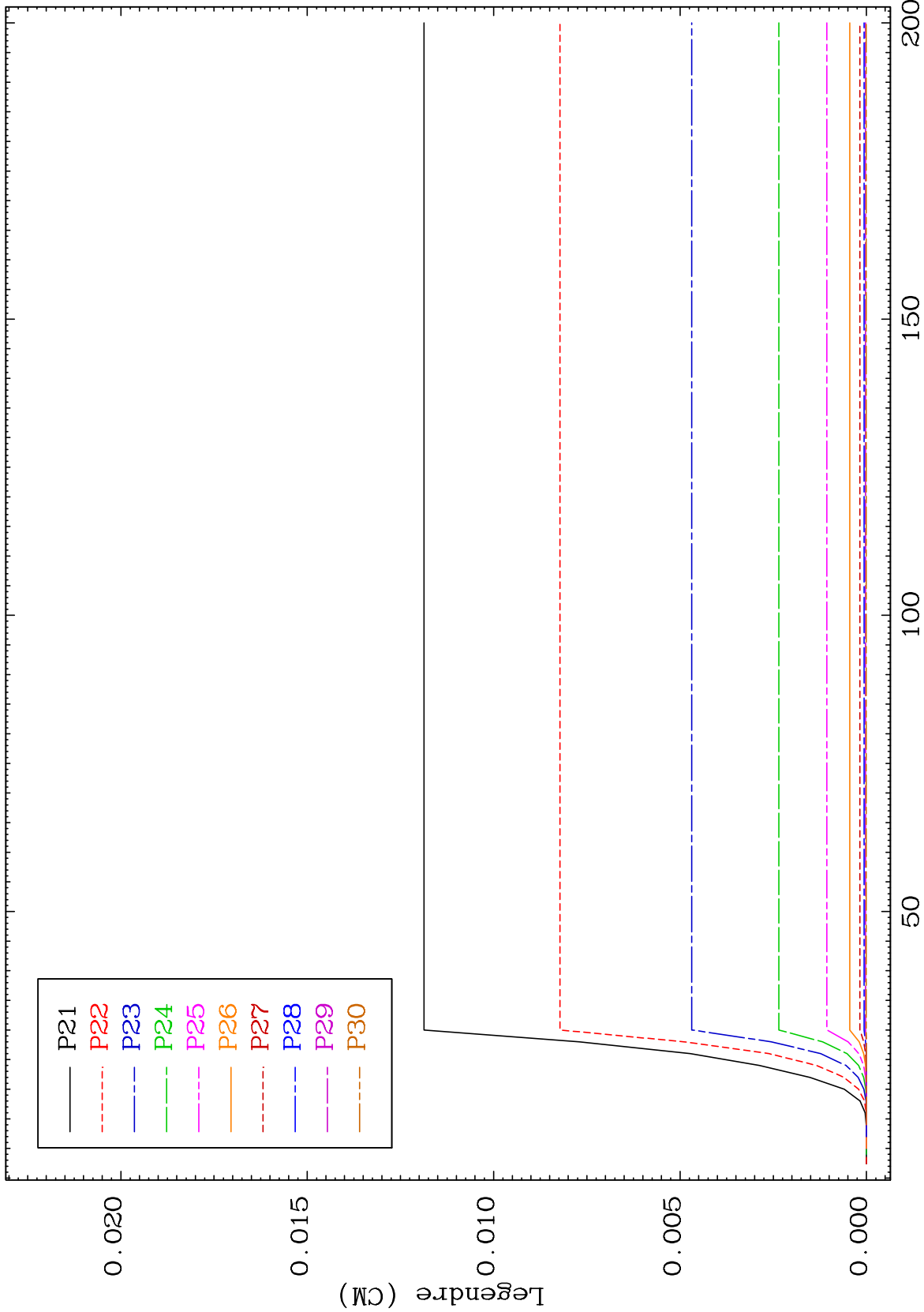
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 57 (n,n') Level  
Legendre Coefficients

84-Po-203



45

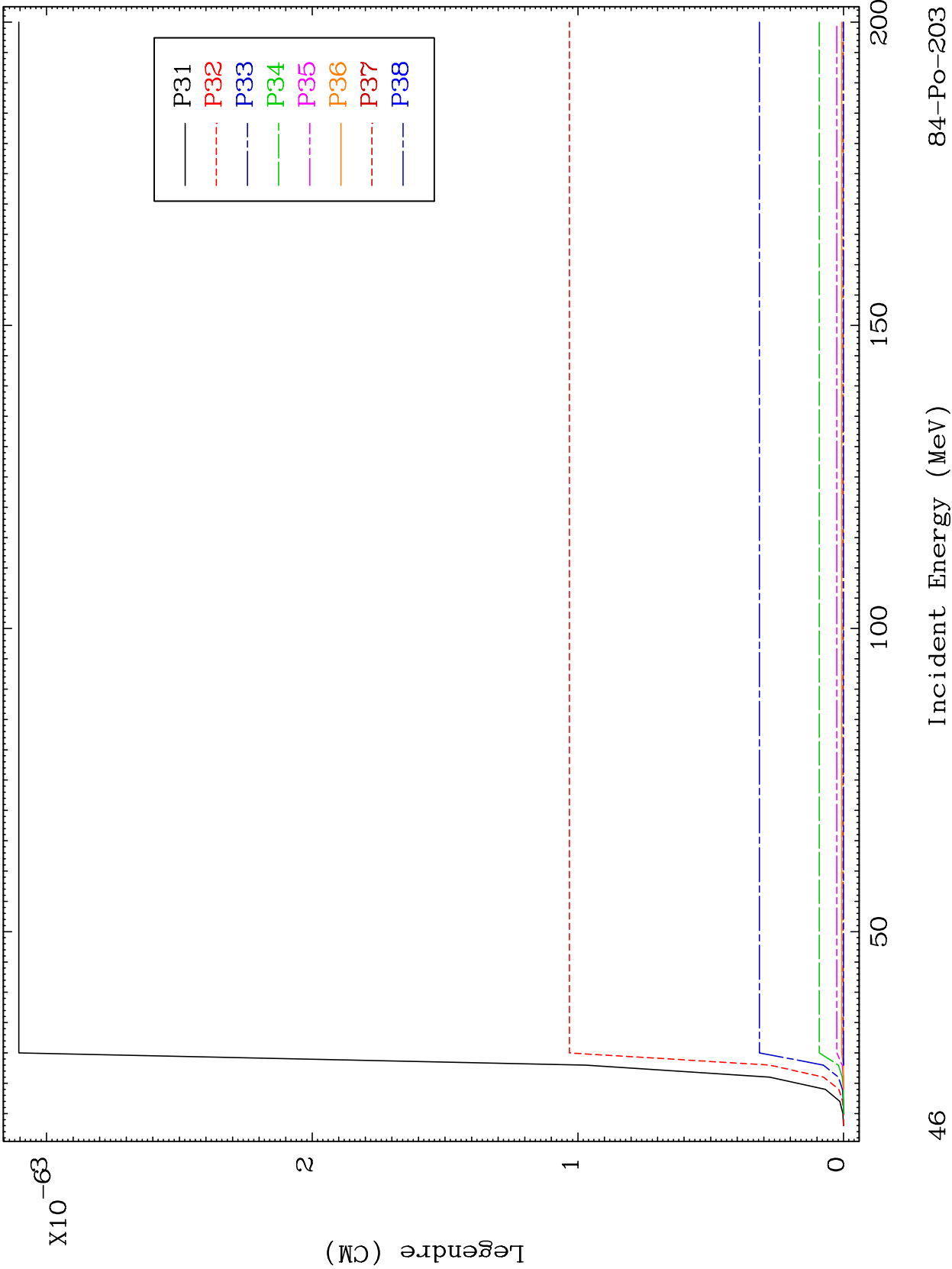
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 57 (n,n') Level  
Legendre Coefficients

84-Po-203



46

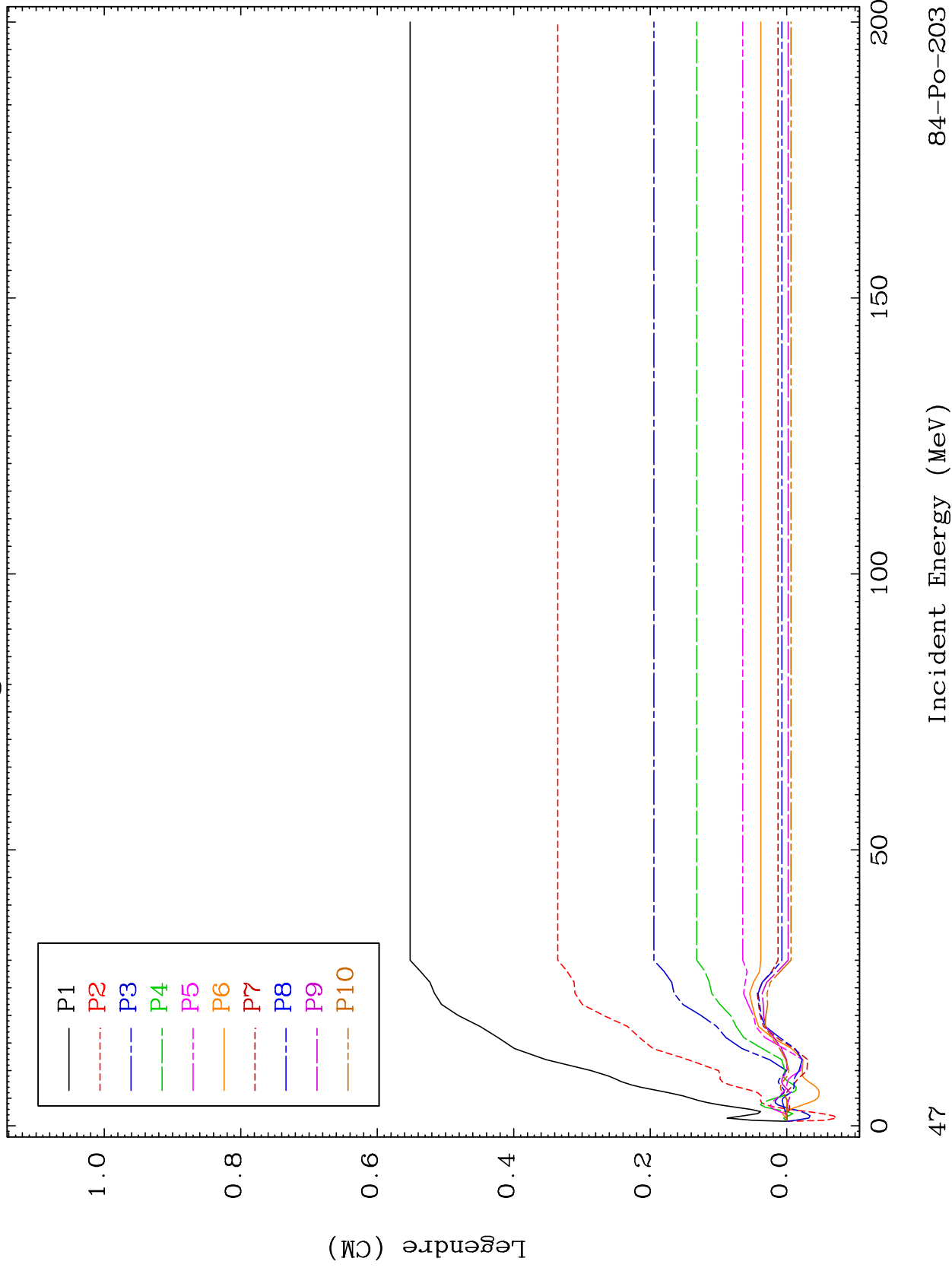
Incident Energy (MeV)

84-Po-203

MAT 8416

84-Po-203

MT= 58 (n,n') Level  
Legendre Coefficients



47

Incident Energy (MeV)

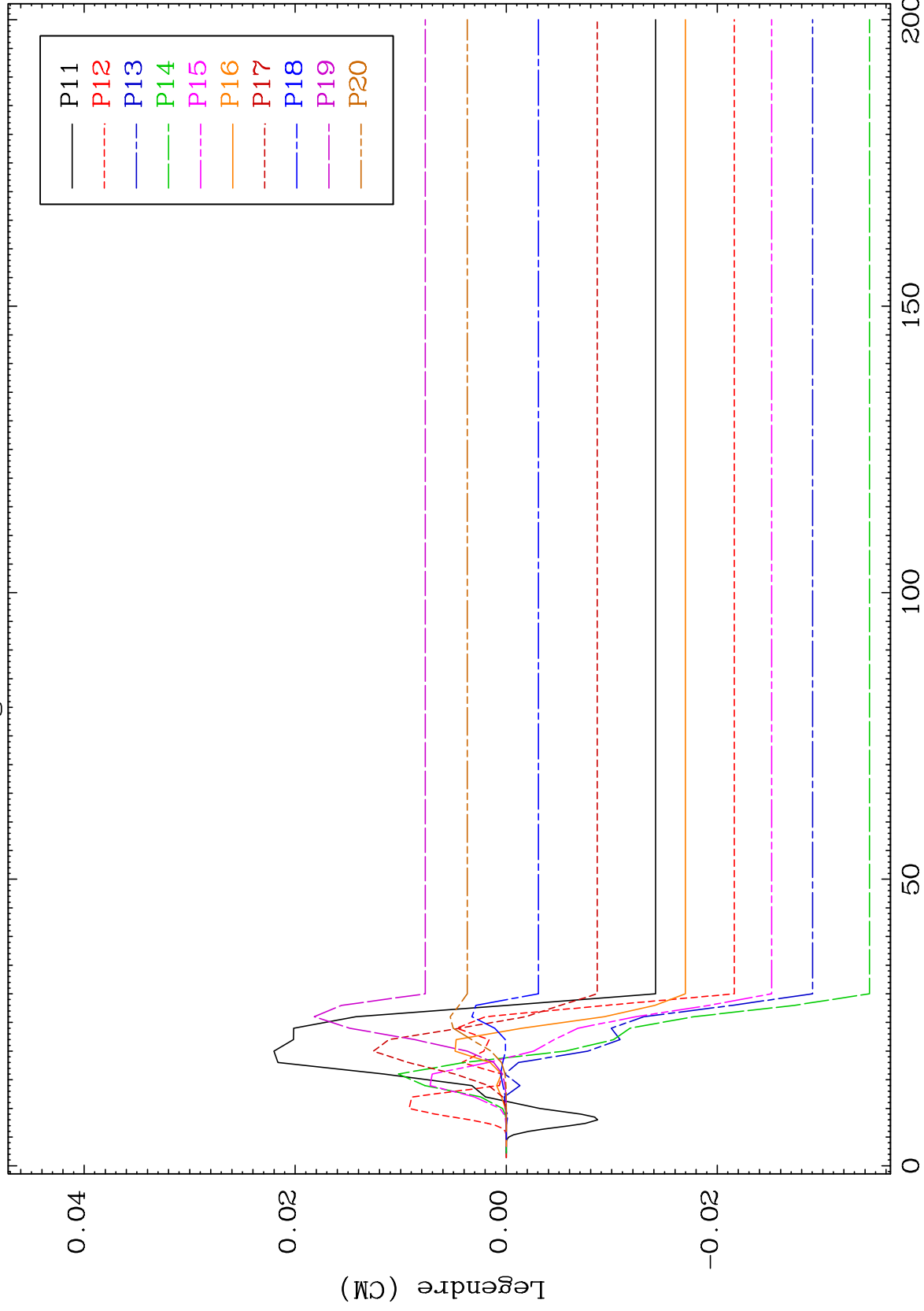
84-Po-203



MAT 8416

MT= 58 (n,n') Level  
Legendre Coefficients

84-Po-203



48

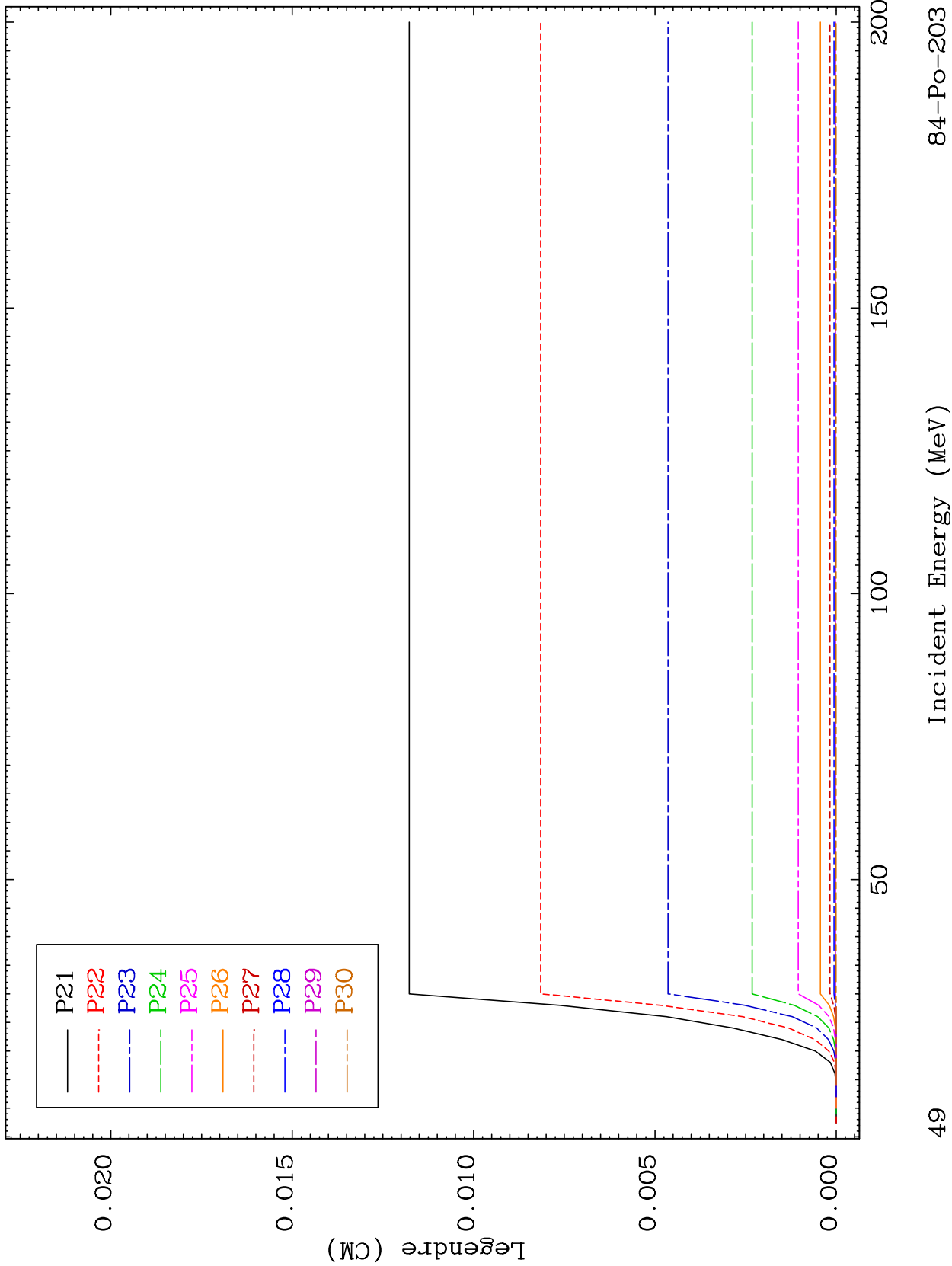
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 58 (n,n') Level  
Legendre Coefficients

84-Po-203



49

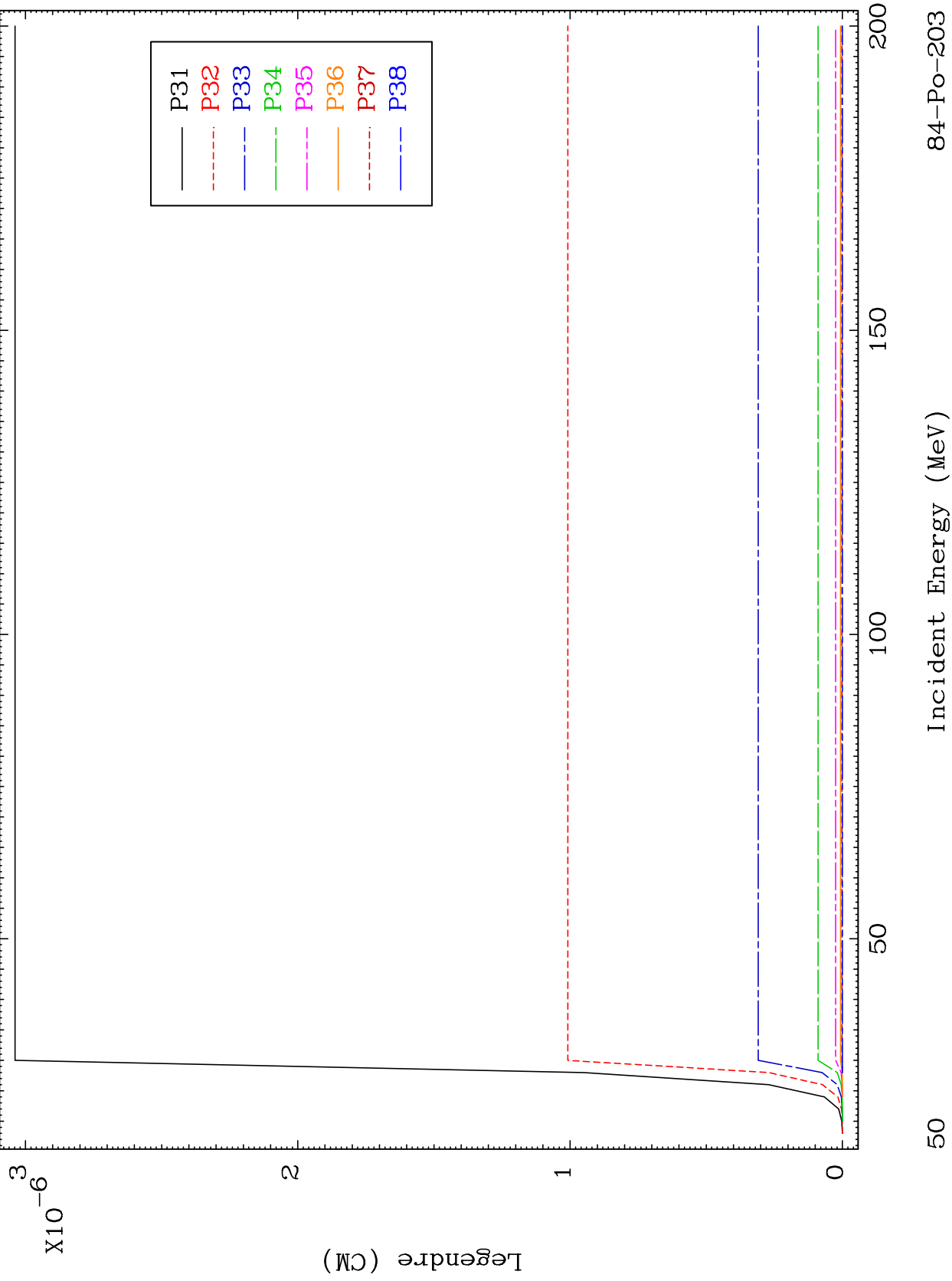
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 58 (n,n') Level  
Legendre Coefficients

84-Po-203

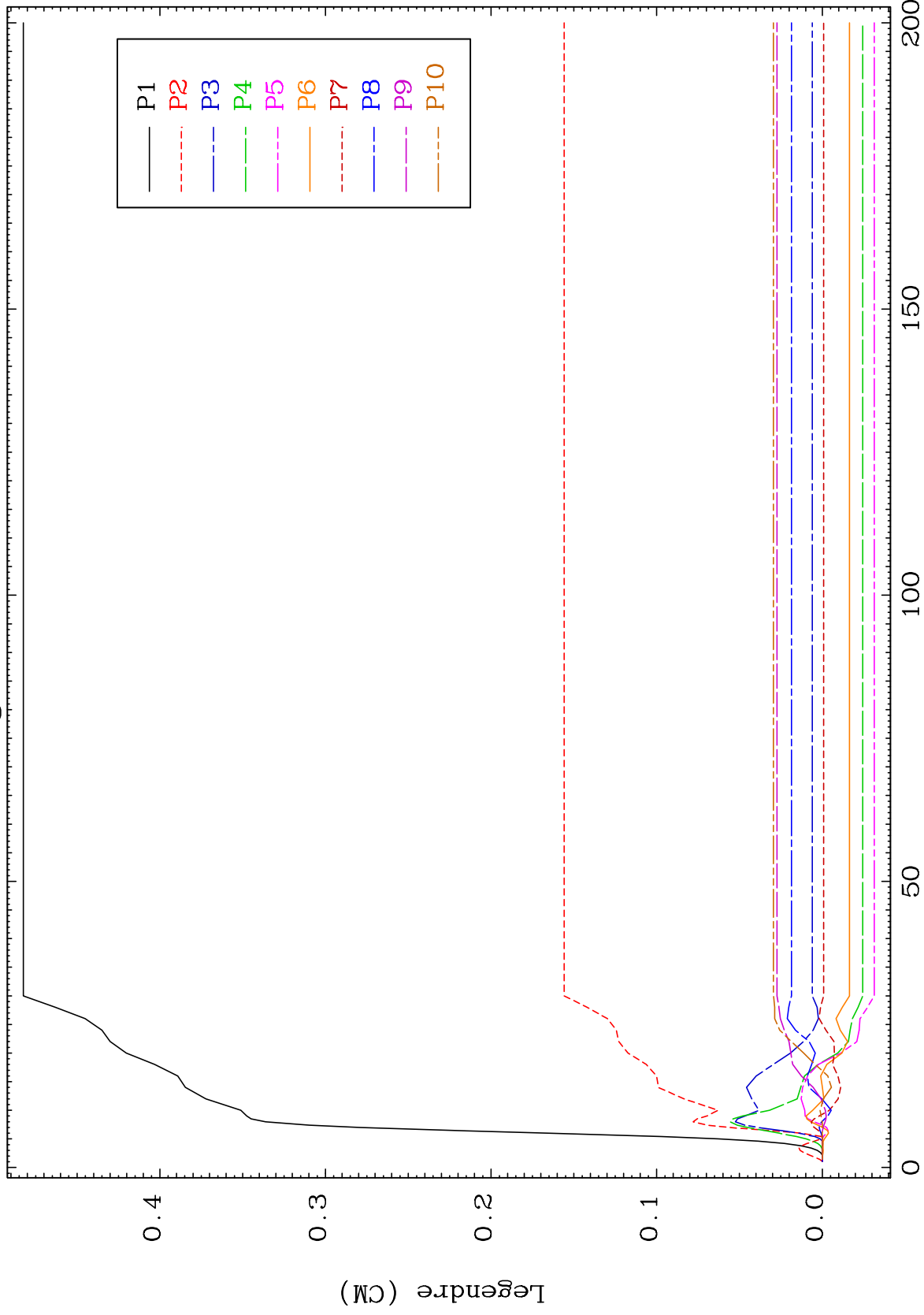


84-Po-203

MAT 8416

MT= 59 (n,n') Level  
Legendre Coefficients

84-Po-203



51

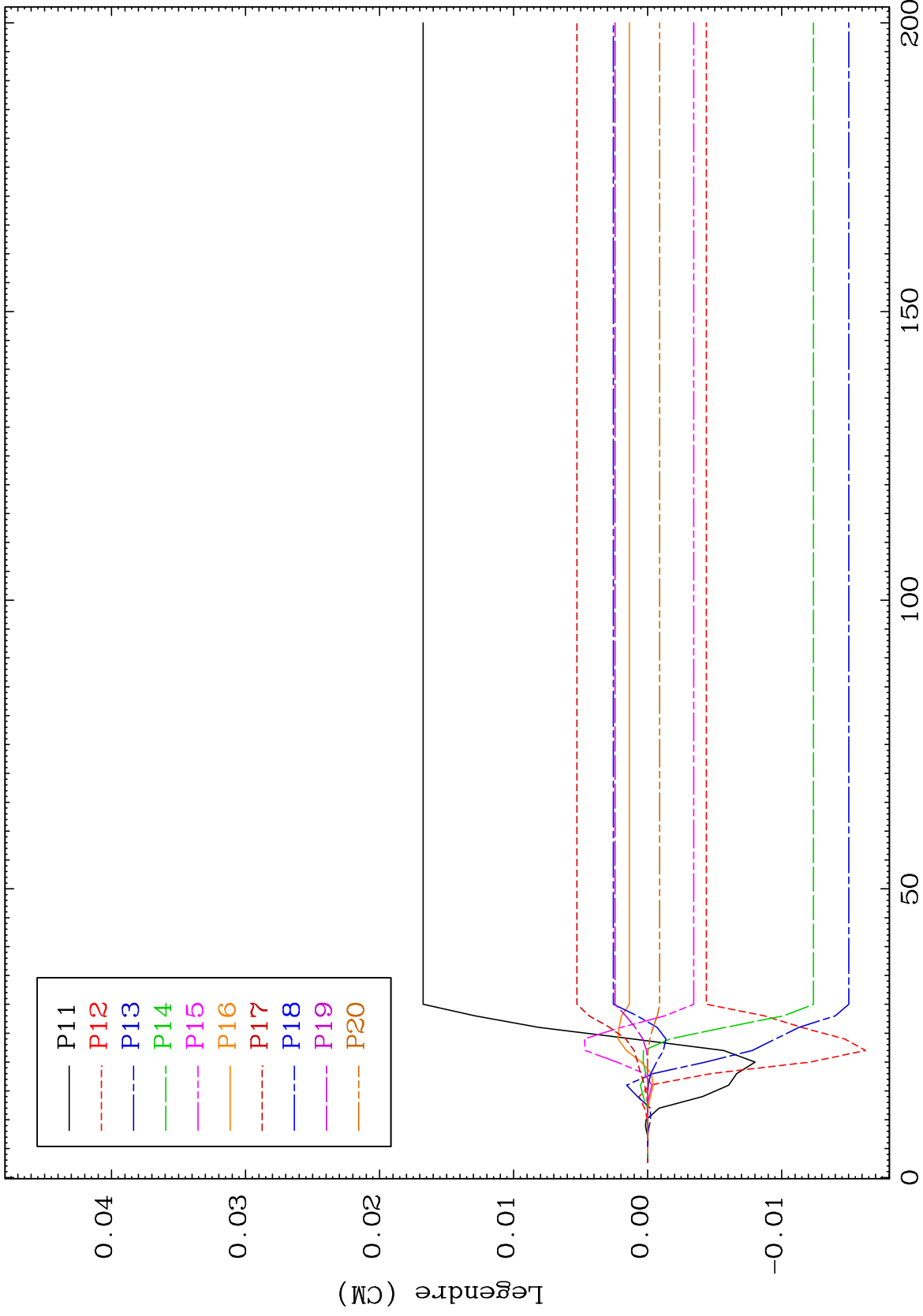
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 59 (n,n') Level  
Legendre Coefficients

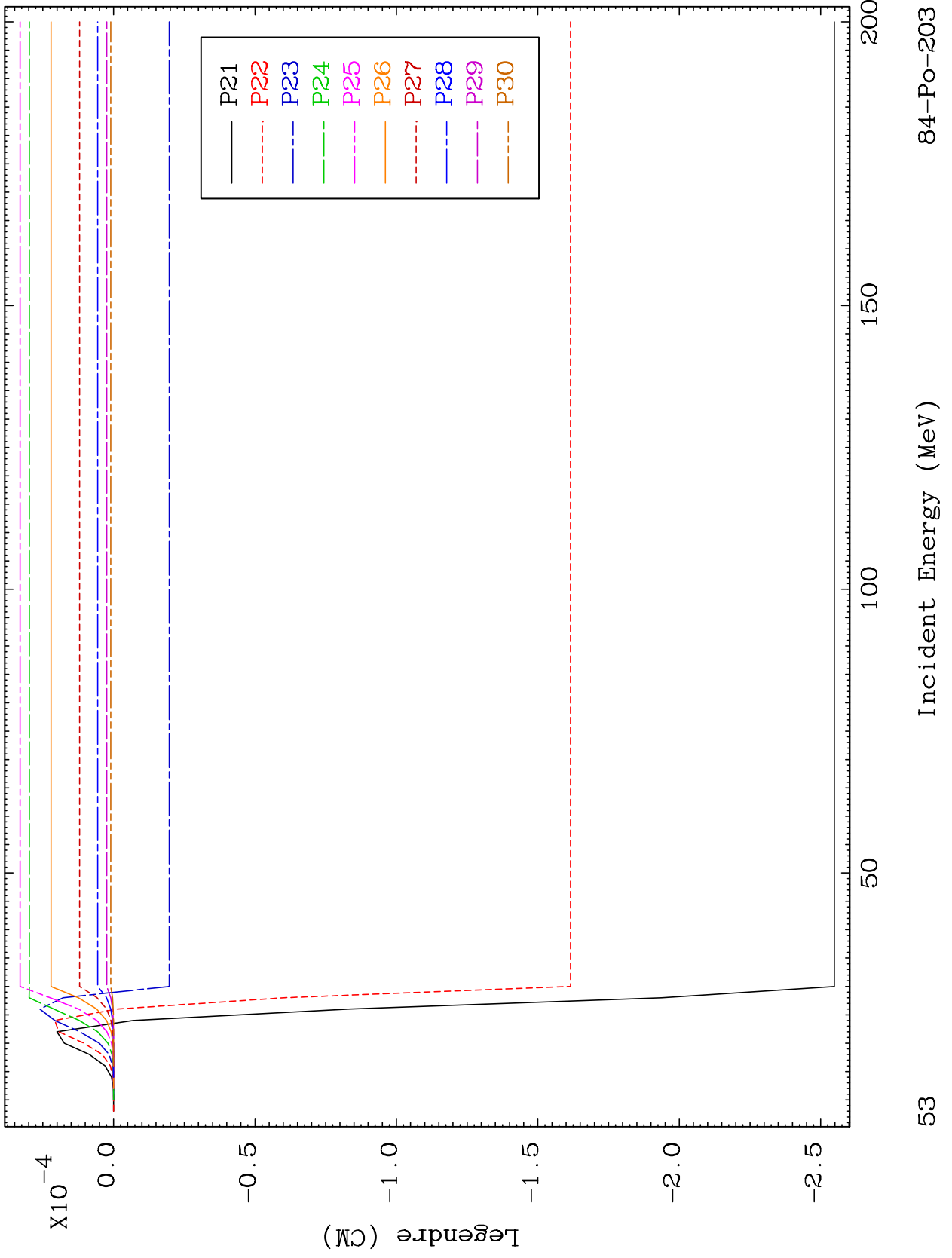
84-Po-203



52

Incident Energy (MeV)

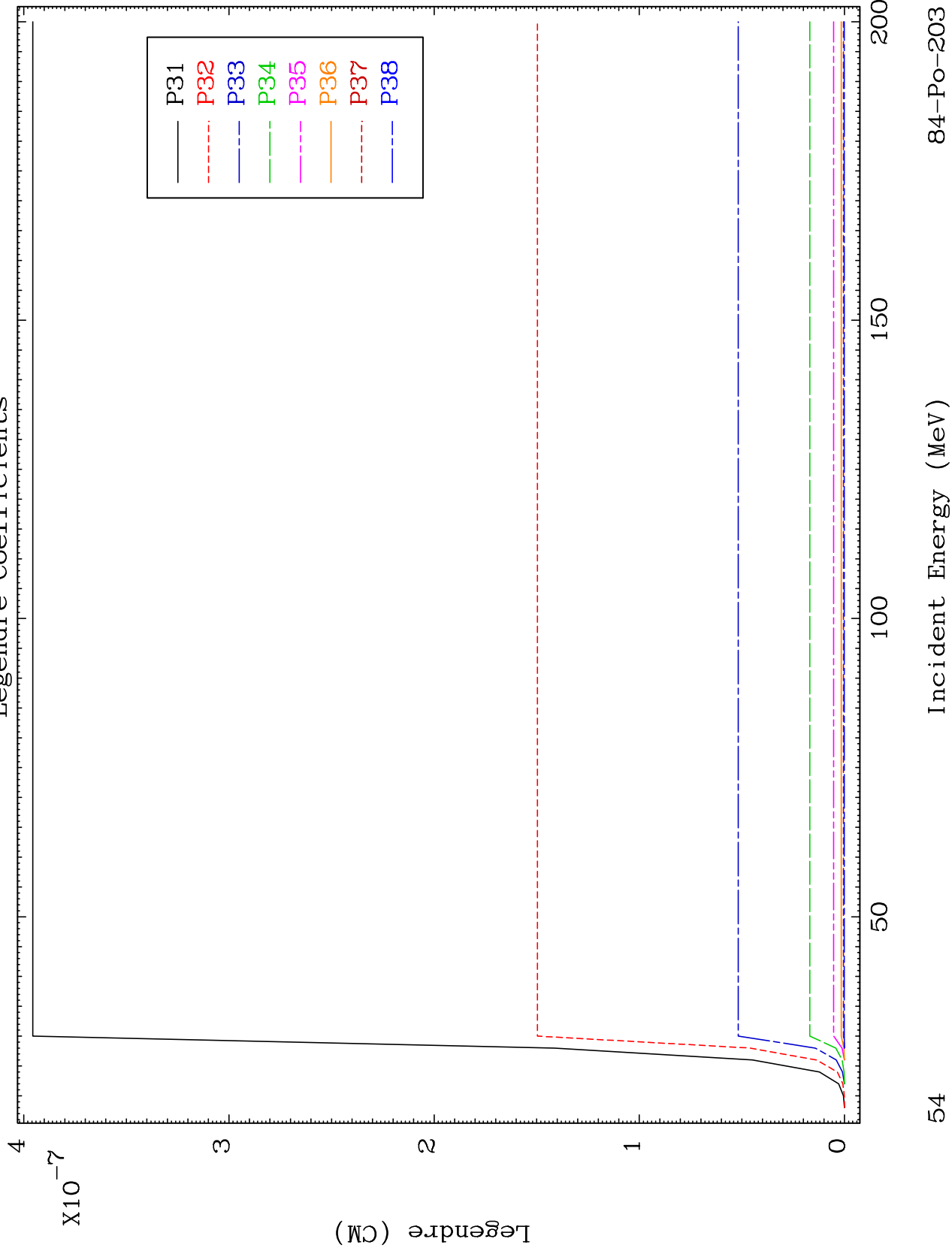
84-Po-203



MAT 8416

MT= 59 (n,n') Level  
Legendre Coefficients

84-Po-203



54

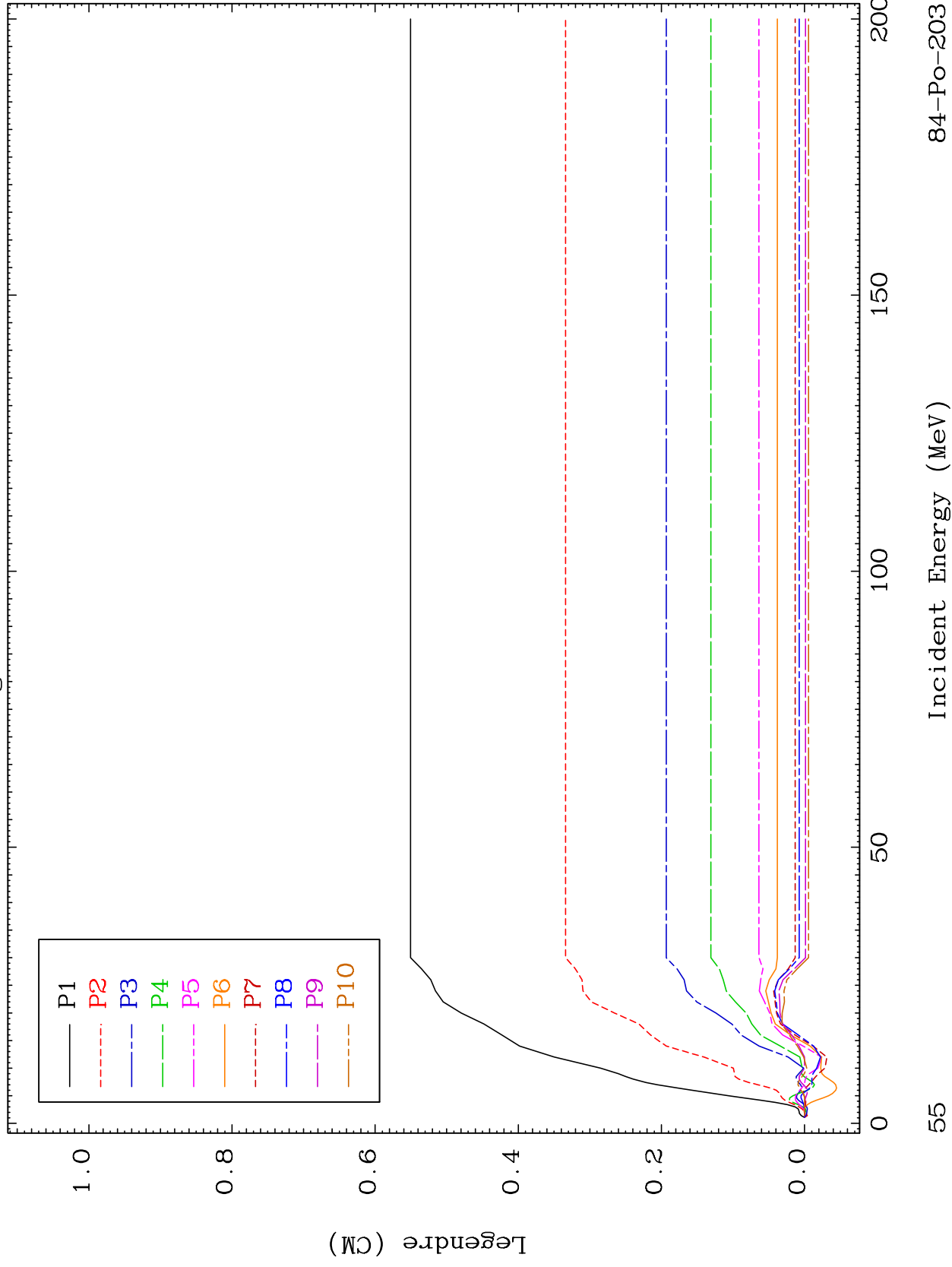
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 60 (n,n') Level  
Legendre Coefficients

84-Po-203



84-Po-203

Incident Energy (MeV)

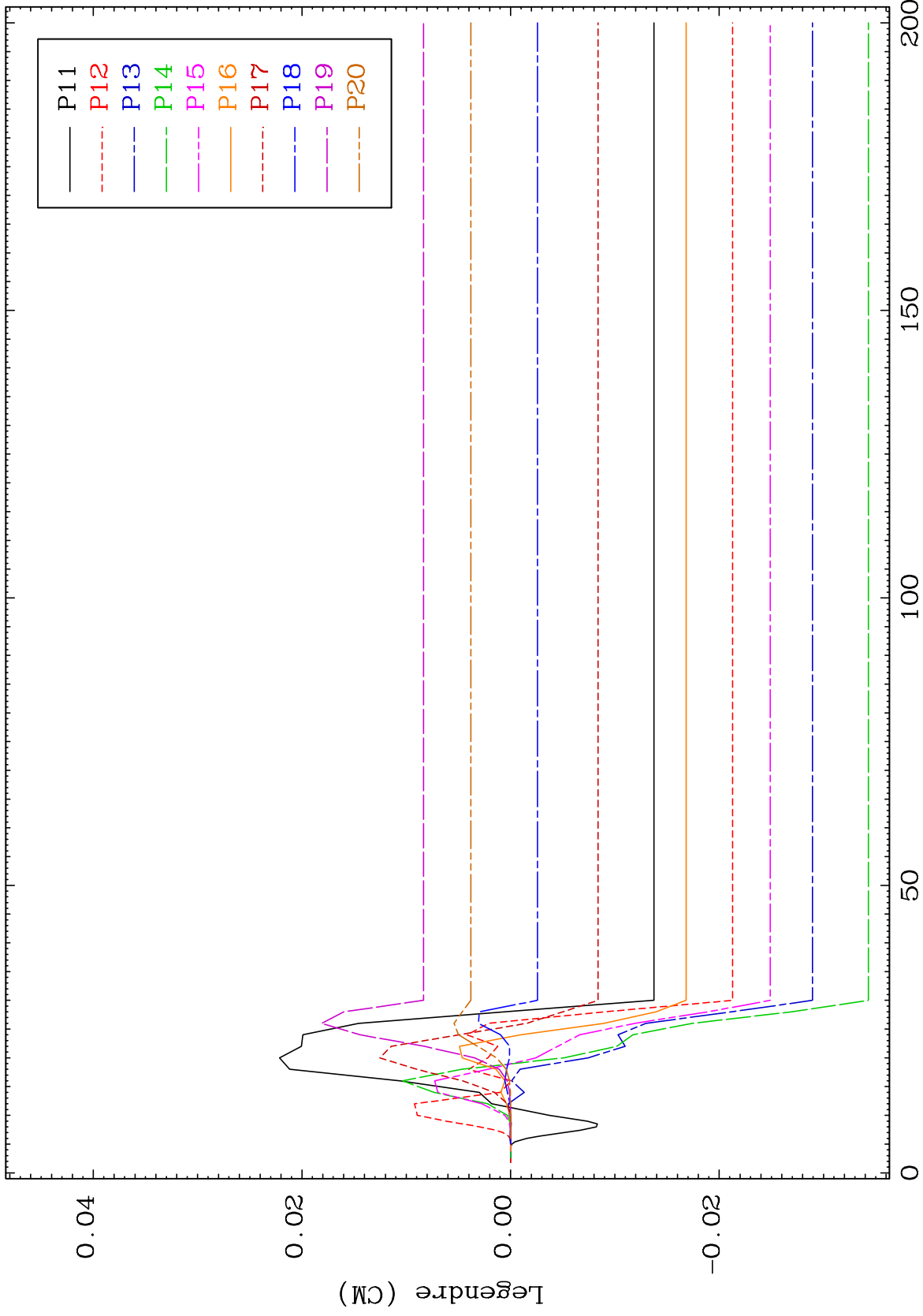
55



MAT 8416

MT= 60 (n,n') Level  
Legendre Coefficients

84-Po-203



56

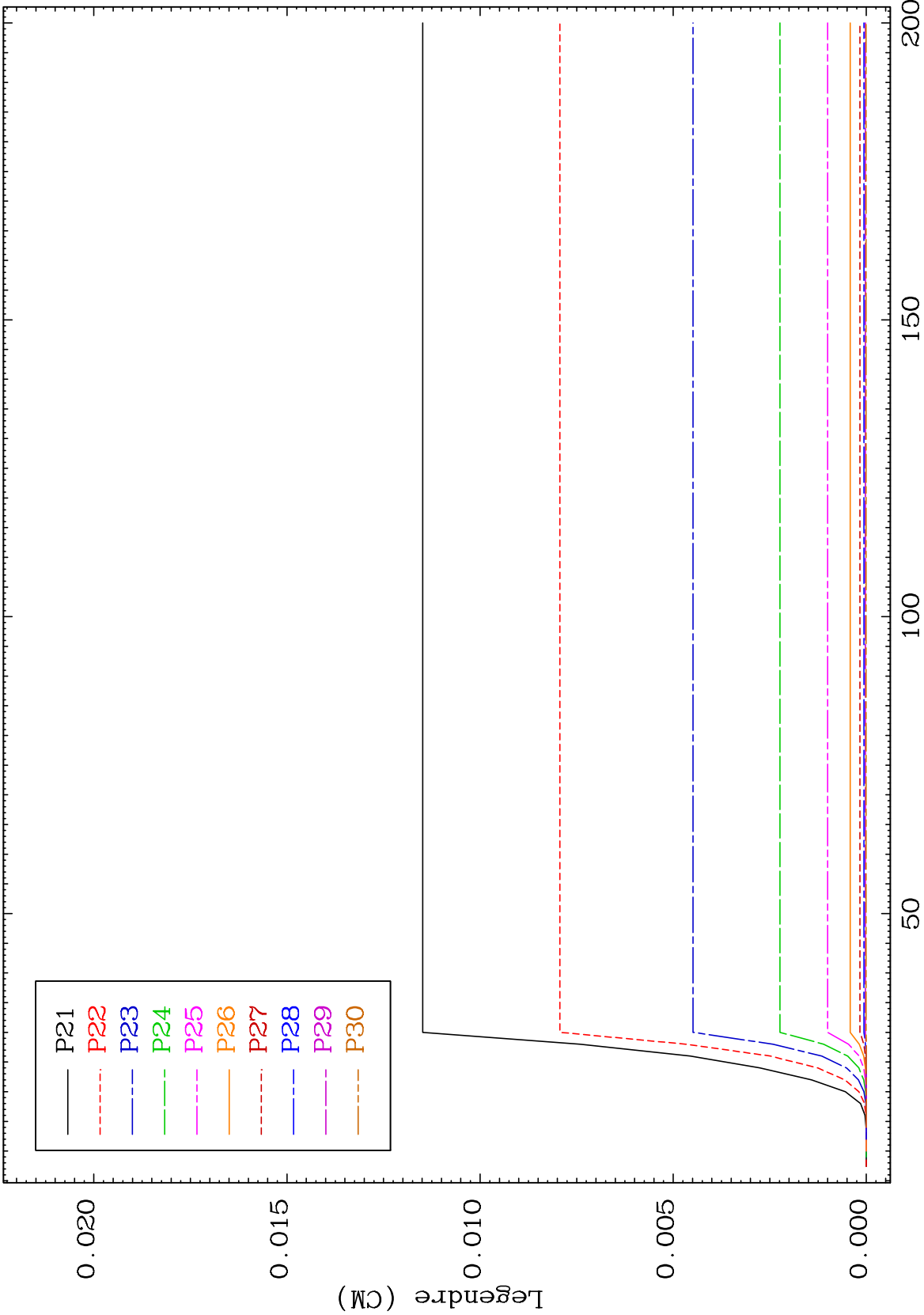
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 60 (n,n') Level  
Legendre Coefficients

84-Po-203



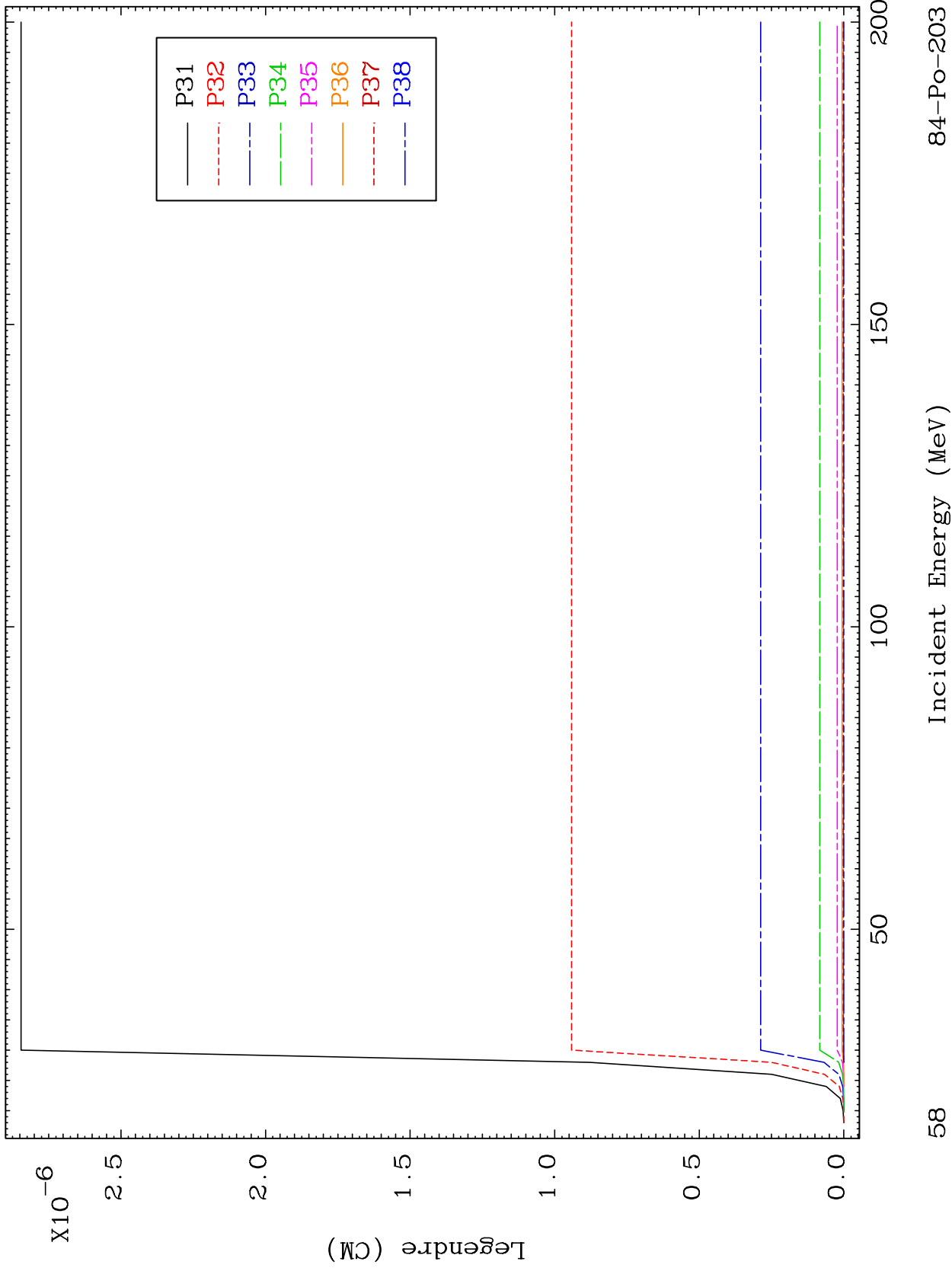
57

84-Po-203

MAT 8416

MT= 60 (n,n') Level  
Legendre Coefficients

84-Po-203



58

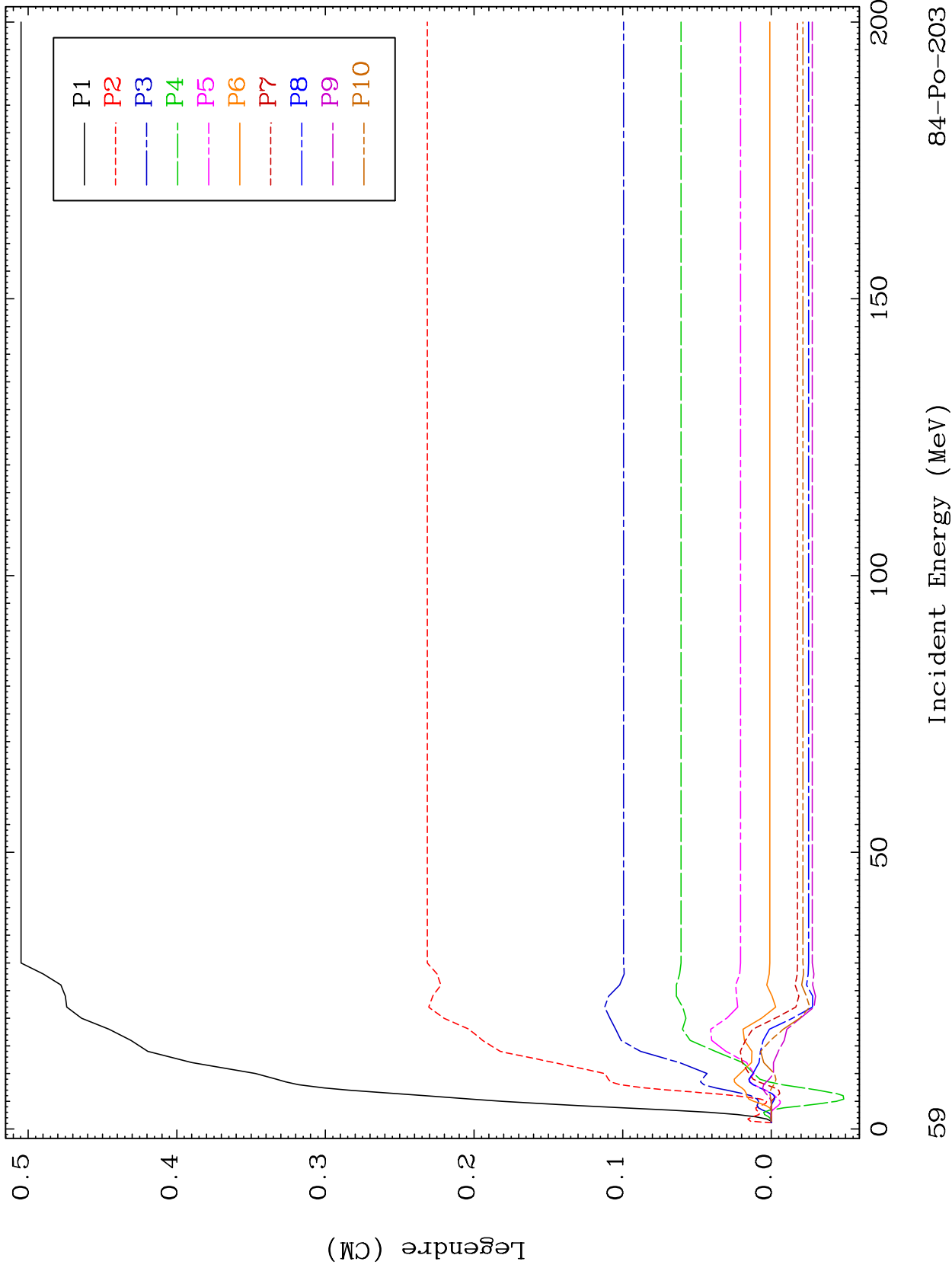
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 61 (n,n') Level  
Legendre Coefficients

84-Po-203



84-Po-203

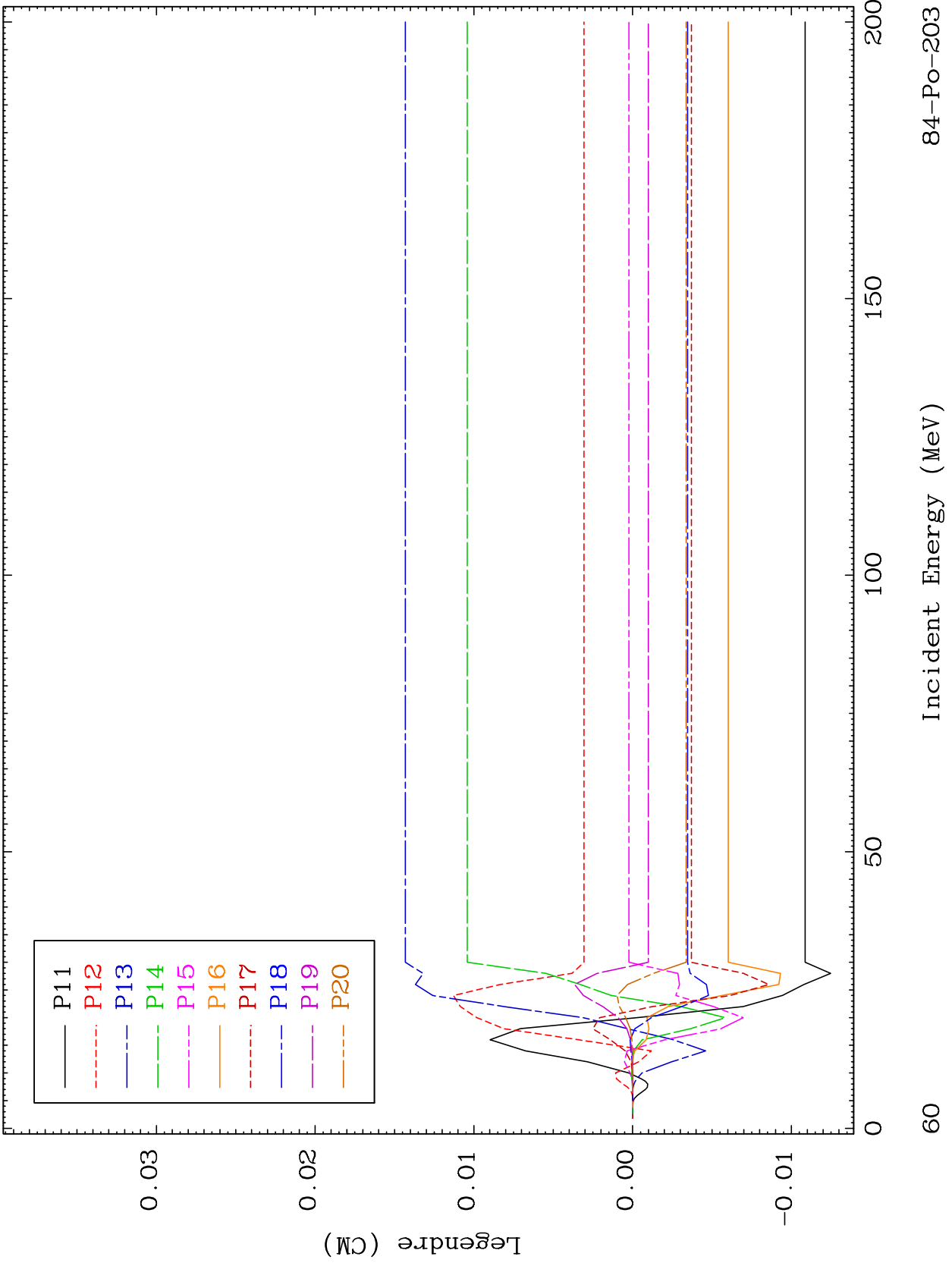
Incident Energy (MeV)

59

MAT 8416

MT= 61 (n,n') Level  
Legendre Coefficients

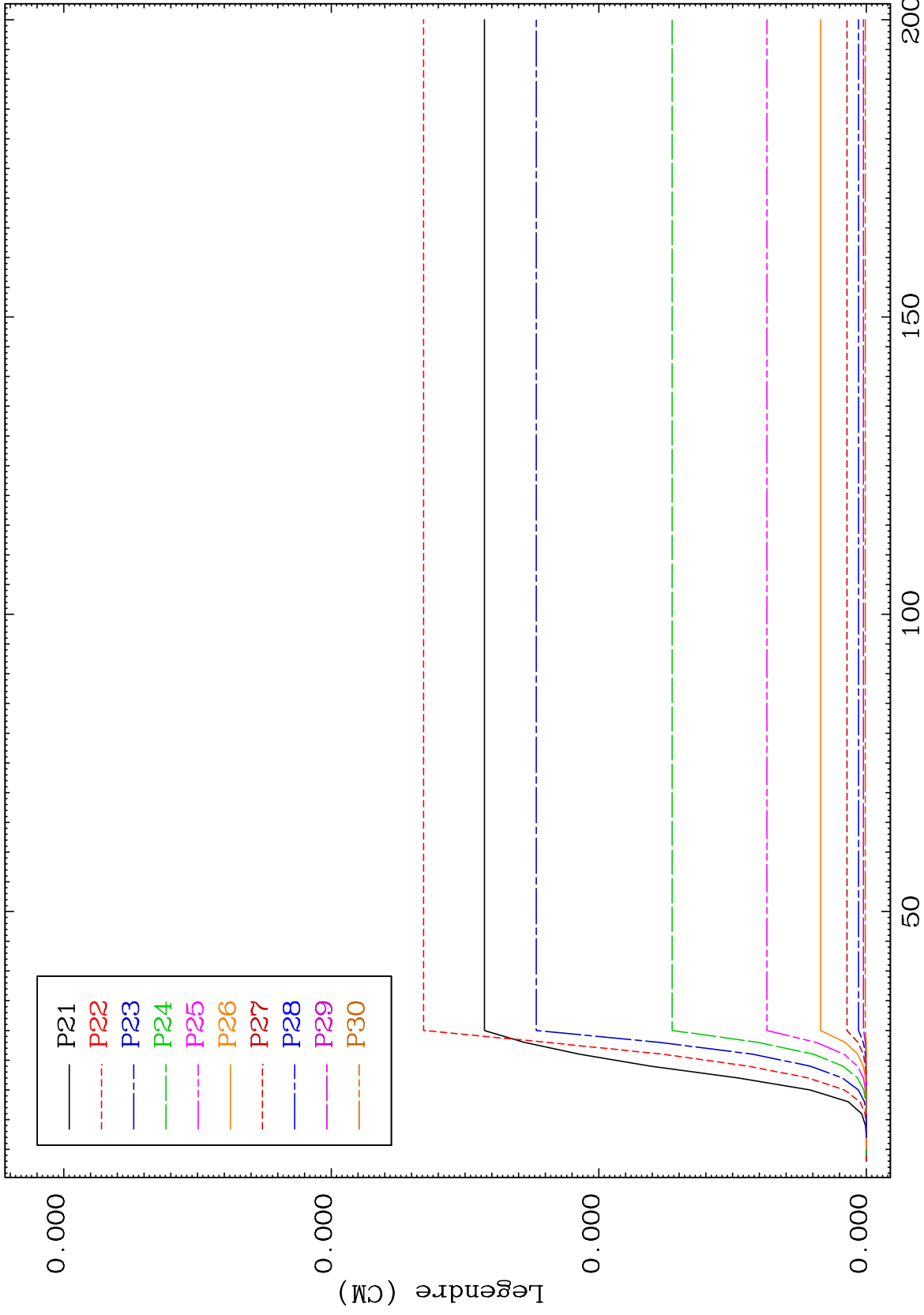
84-Po-203



MAT 8416

MT= 61 (n,n') Level  
Legendre Coefficients

84-Po-203



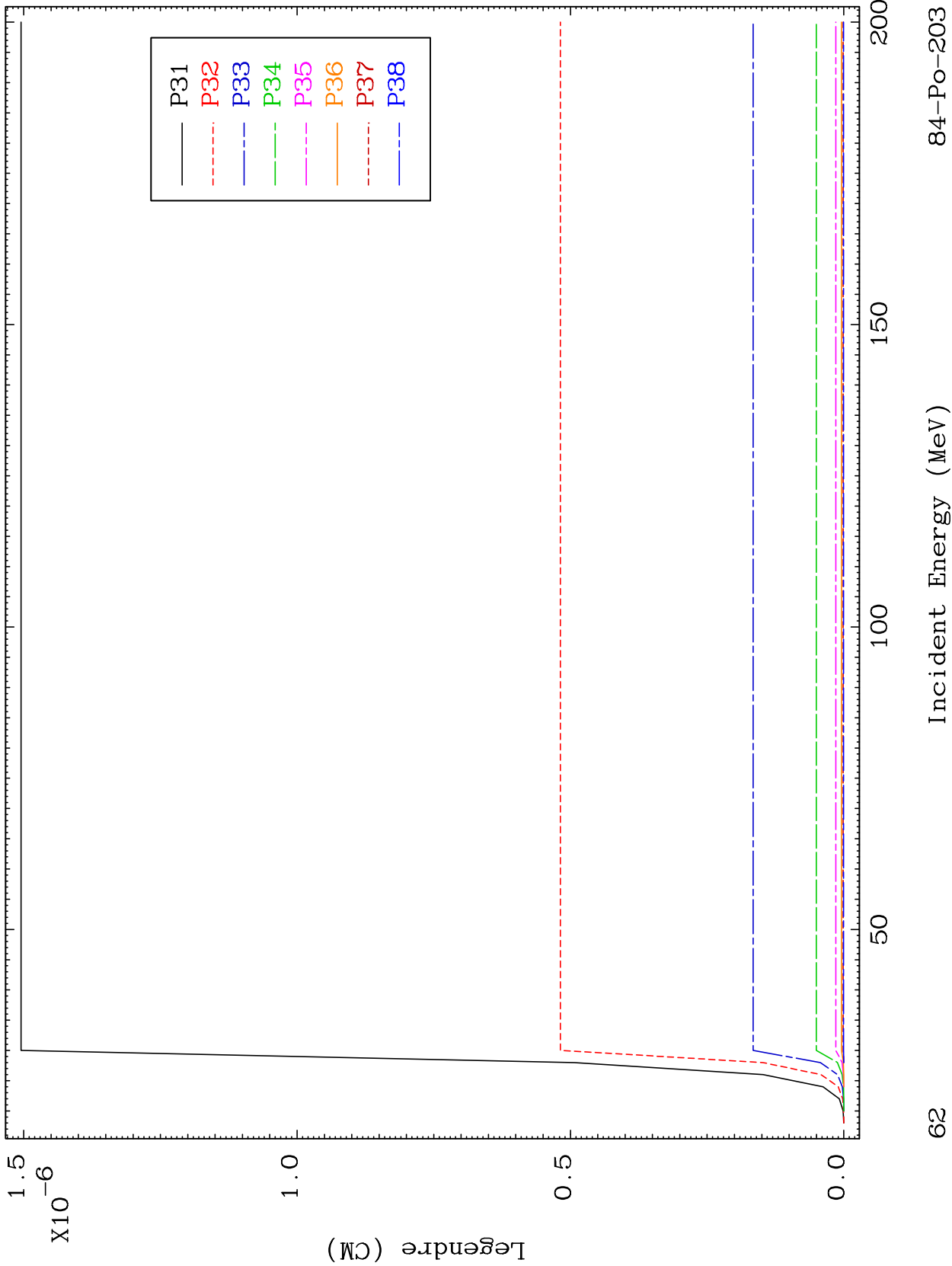
61

84-Po-203

MAT 8416

MT= 61 (n,n') Level  
Legendre Coefficients

84-Po-203

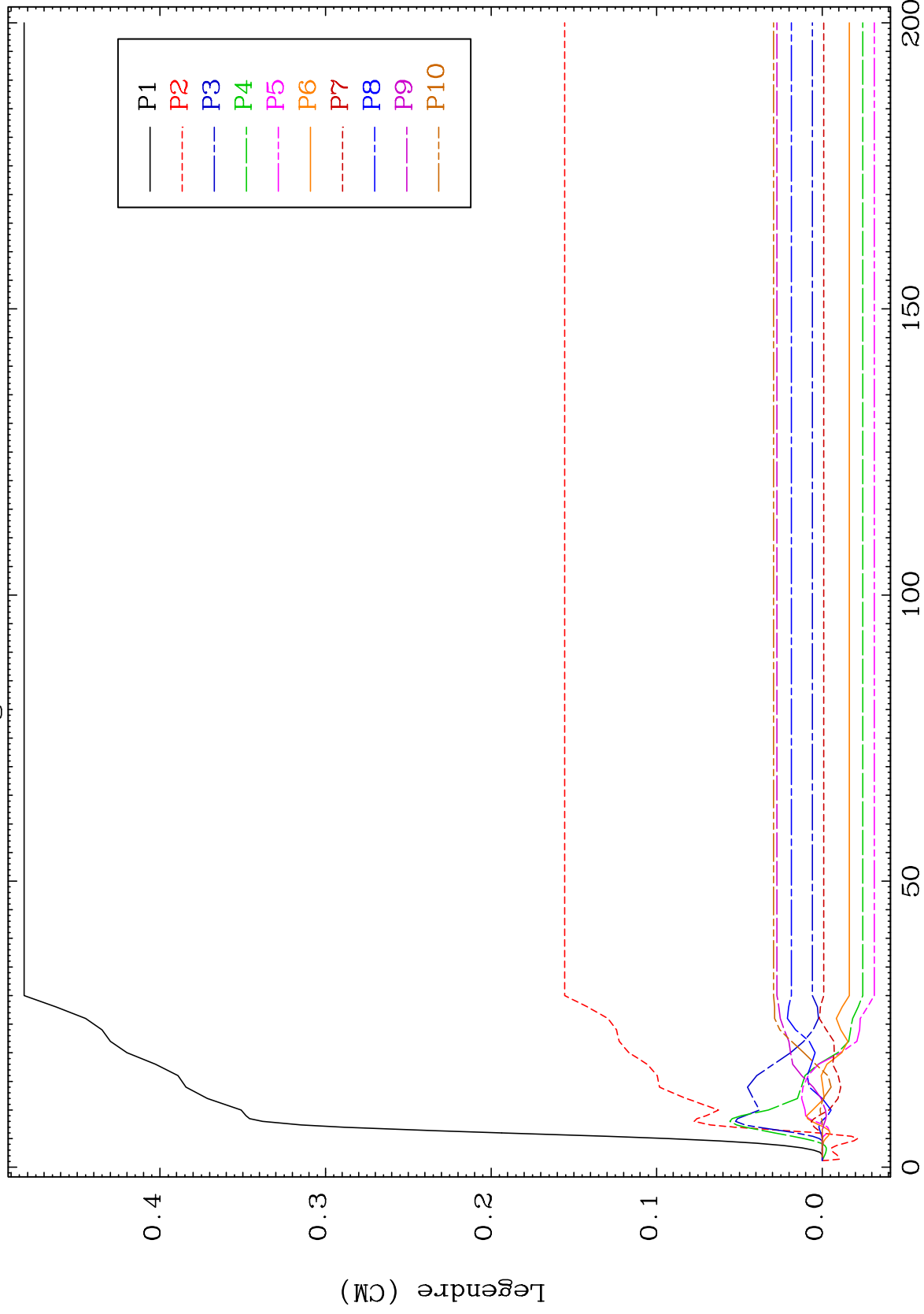


62

MAT 8416

MT= 62 (n,n') Level  
Legendre Coefficients

84-Po-203



63

Incident Energy (MeV)

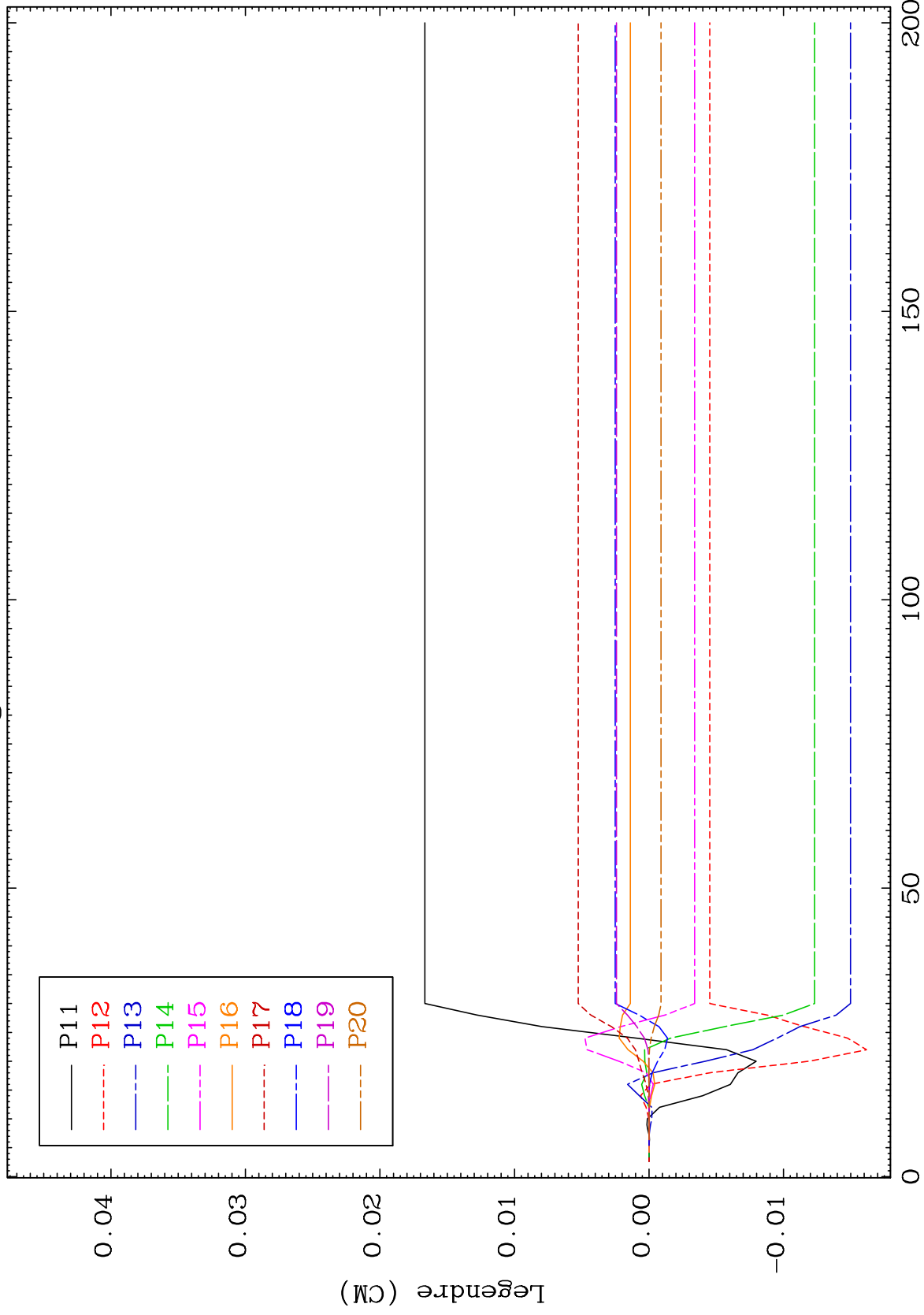
84-Po-203



MAT 8416

MT= 62 (n,n') Level  
Legendre Coefficients

84-Po-203



64

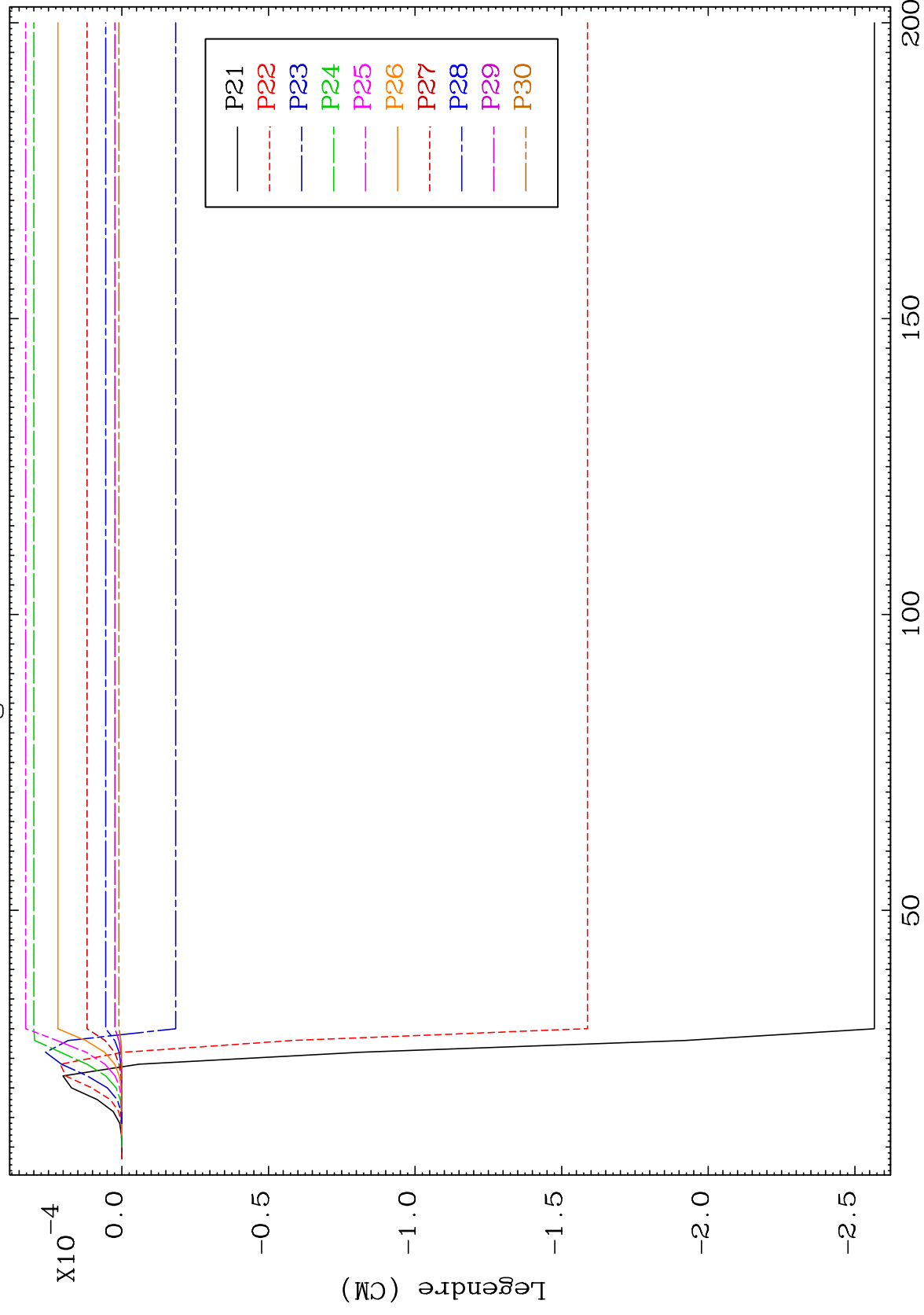
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 62 (n,n') Level  
Legendre Coefficients

84-Po-203



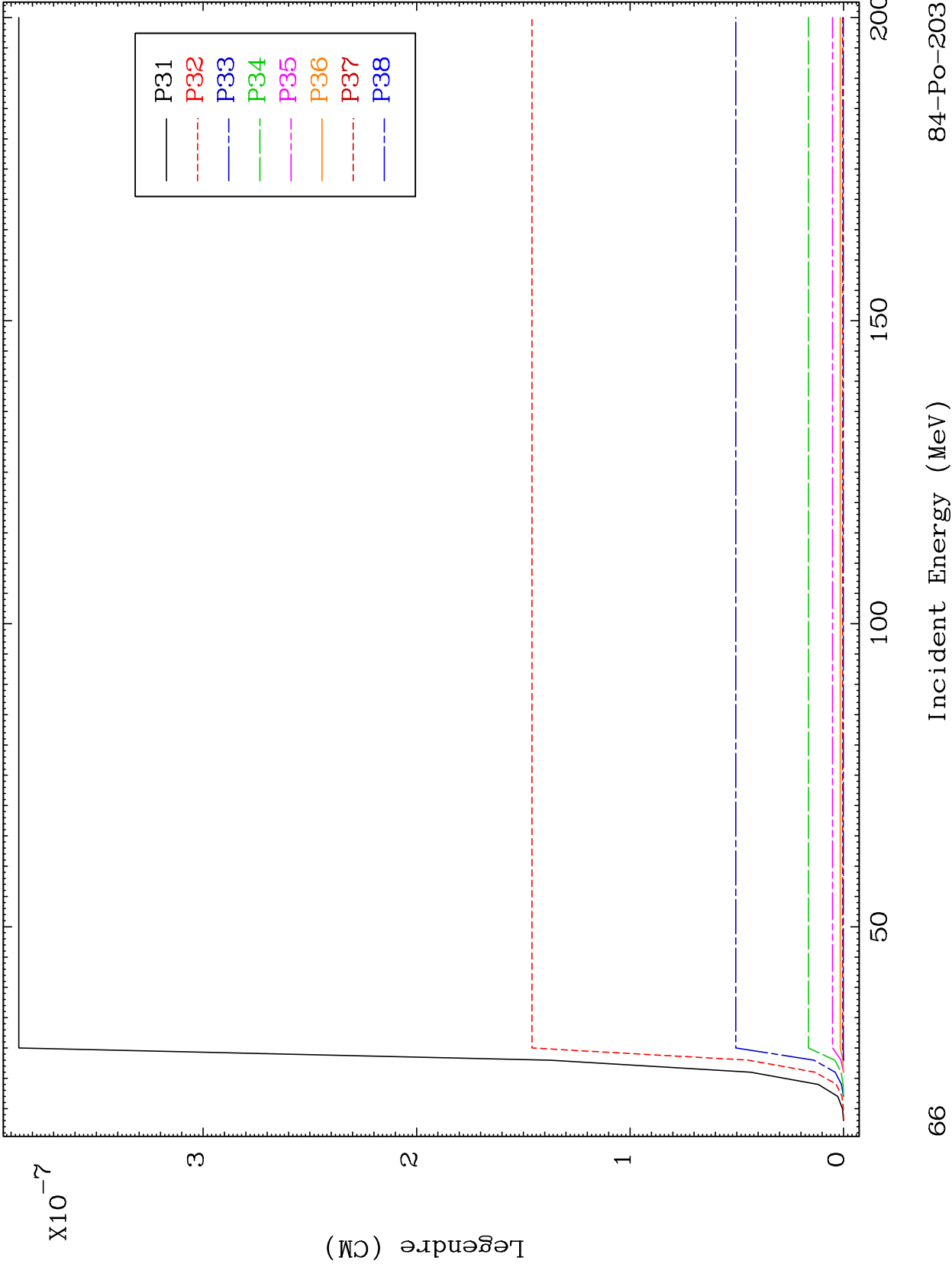
65

84-Po-203

MAT 8416

MT= 62 (n,n') Level  
Legendre Coefficients

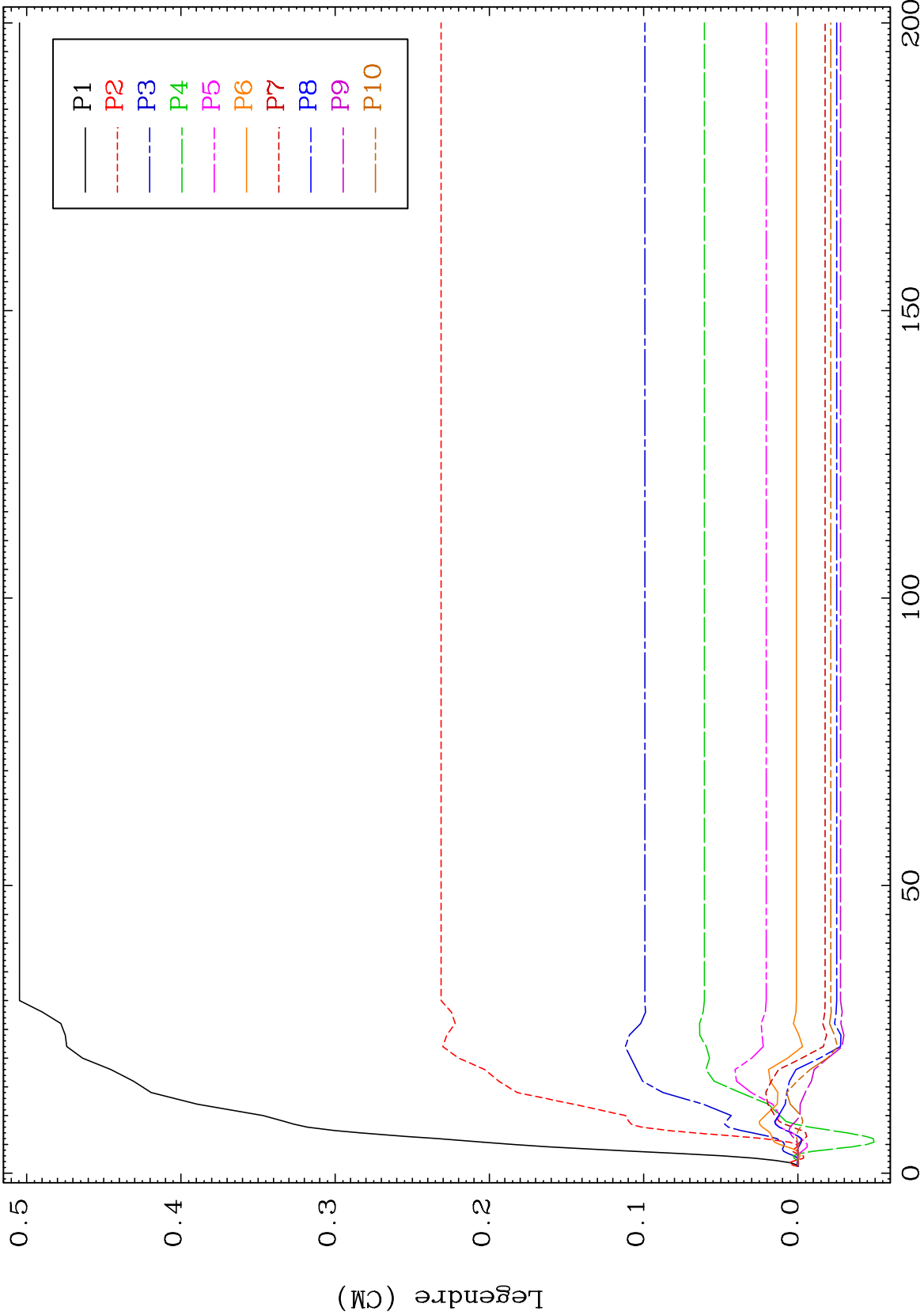
84-Po-203



MAT 8416

MT= 63 (n,n') Level  
Legendre Coefficients

84-Po-203



84-Po-203

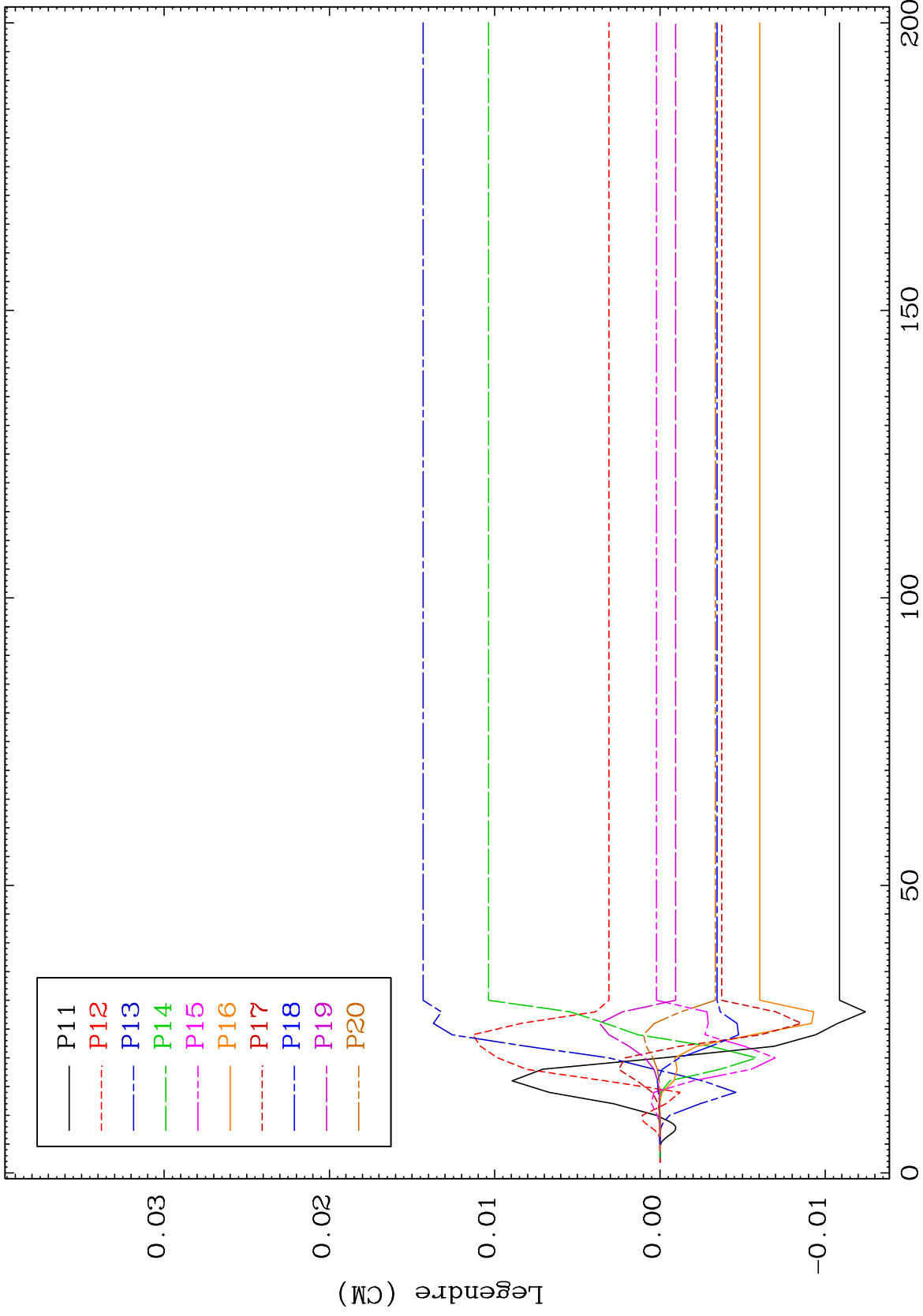
Incident Energy (MeV)

67

MAT 8416

MT= 63 (n,n') Level  
Legendre Coefficients

84-Po-203



68

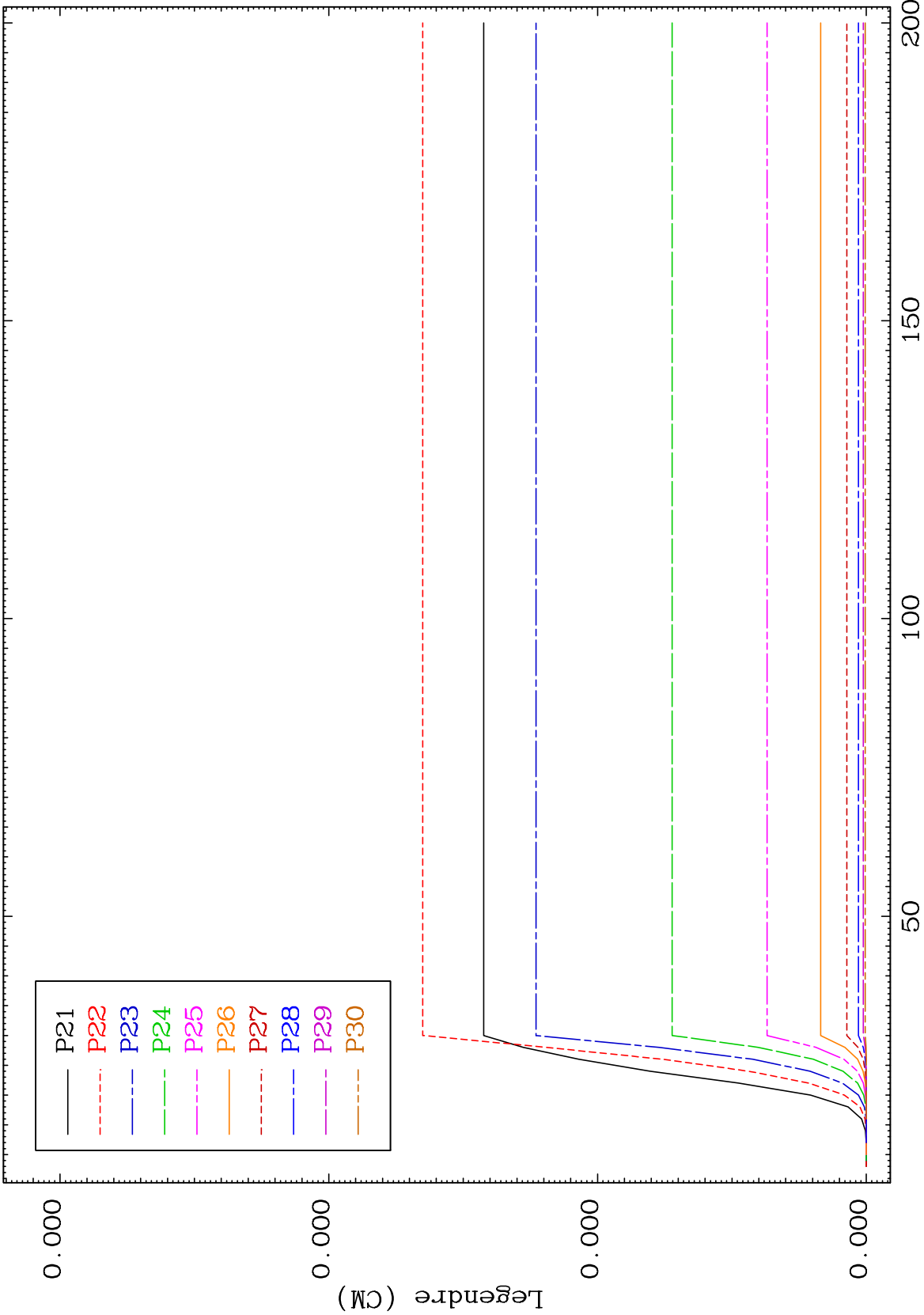
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 63 (n,n') Level  
Legendre Coefficients

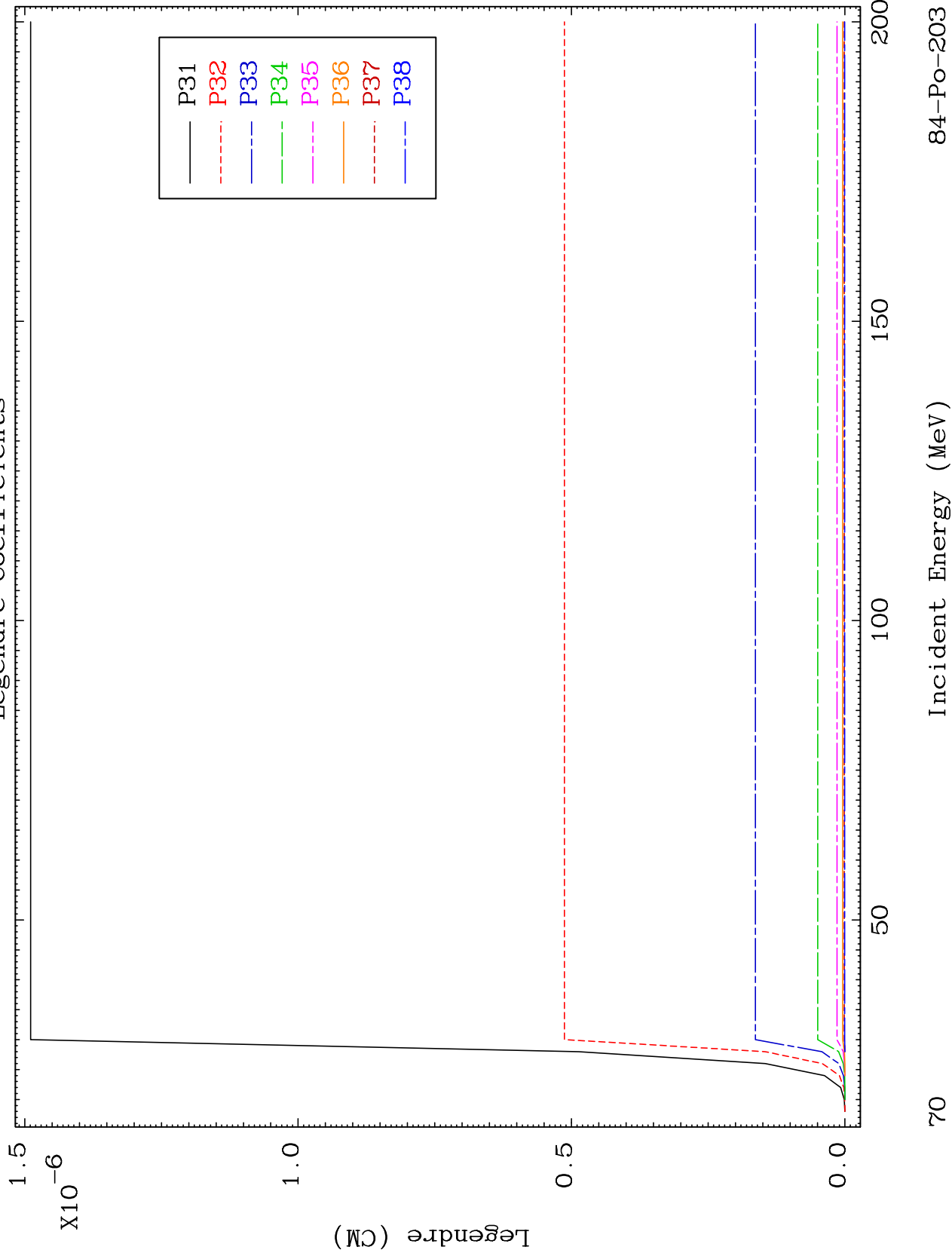
84-Po-203



MAT 8416

MT= 63 (n,n') Level  
Legendre Coefficients

84-Po-203



70

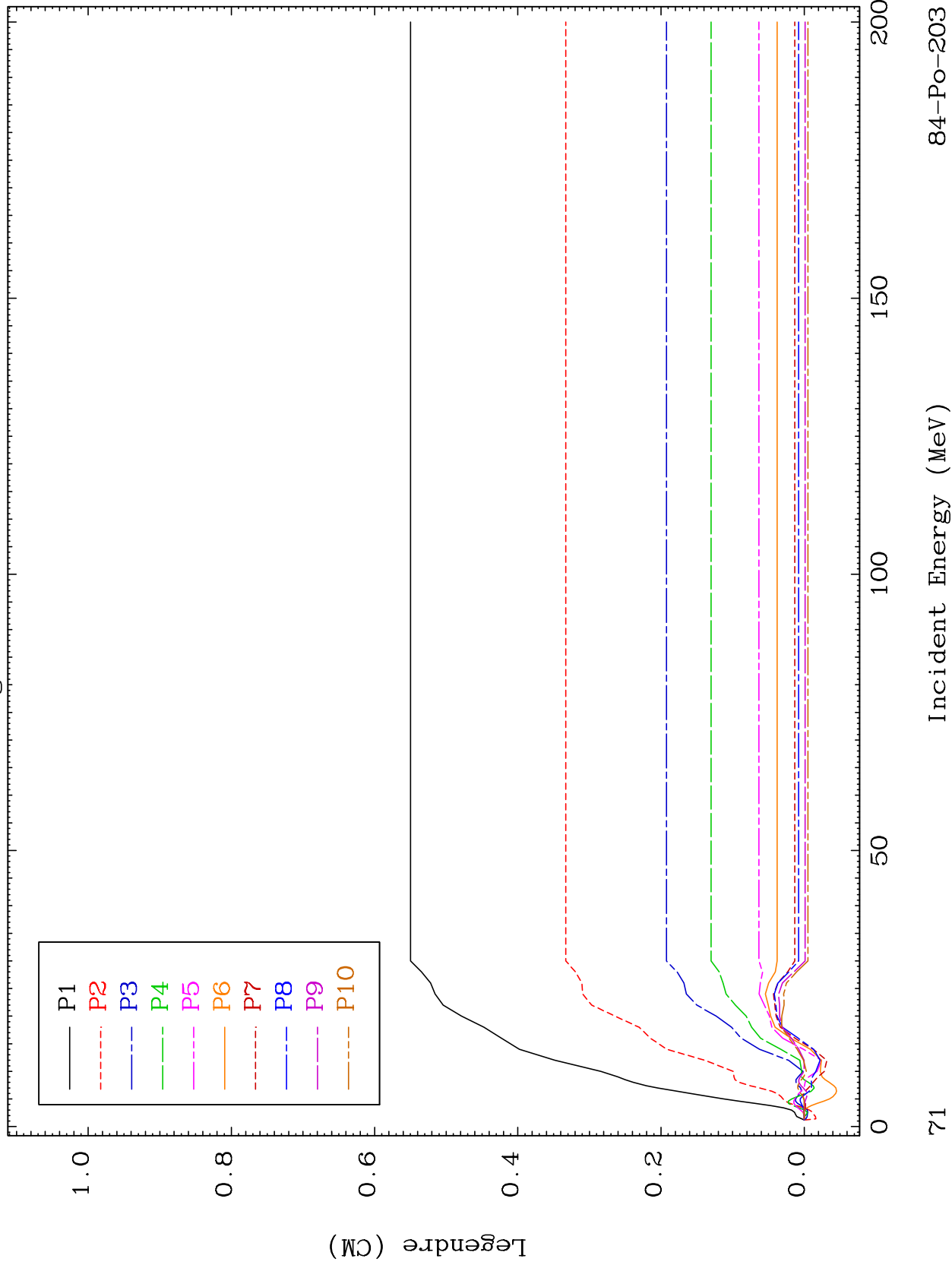
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 64 (n,n') Level  
Legendre Coefficients

84-Po-203



71

Incident Energy (MeV)

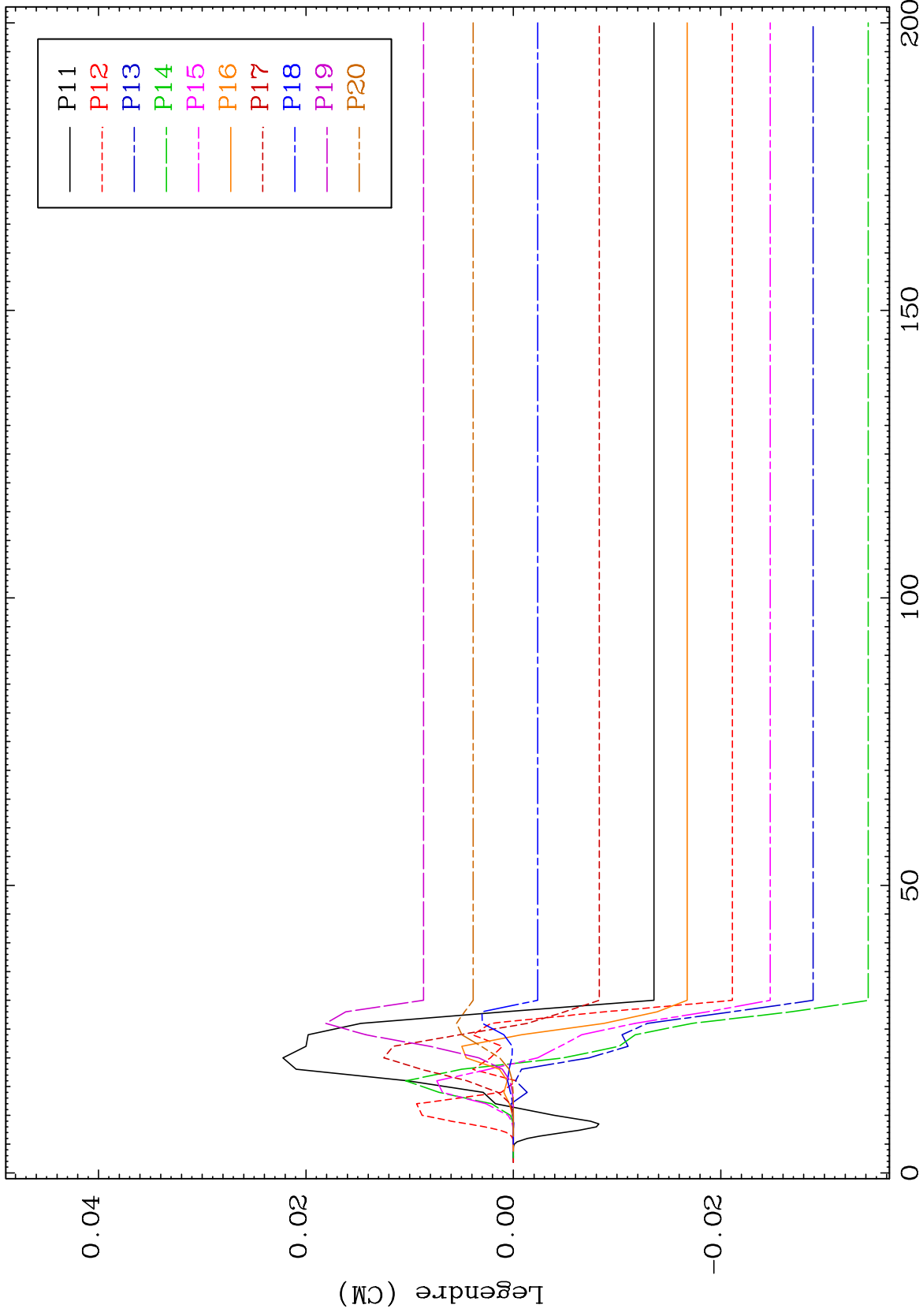
84-Po-203



MAT 8416

MT= 64 (n,n') Level  
Legendre Coefficients

84-Po-203



72

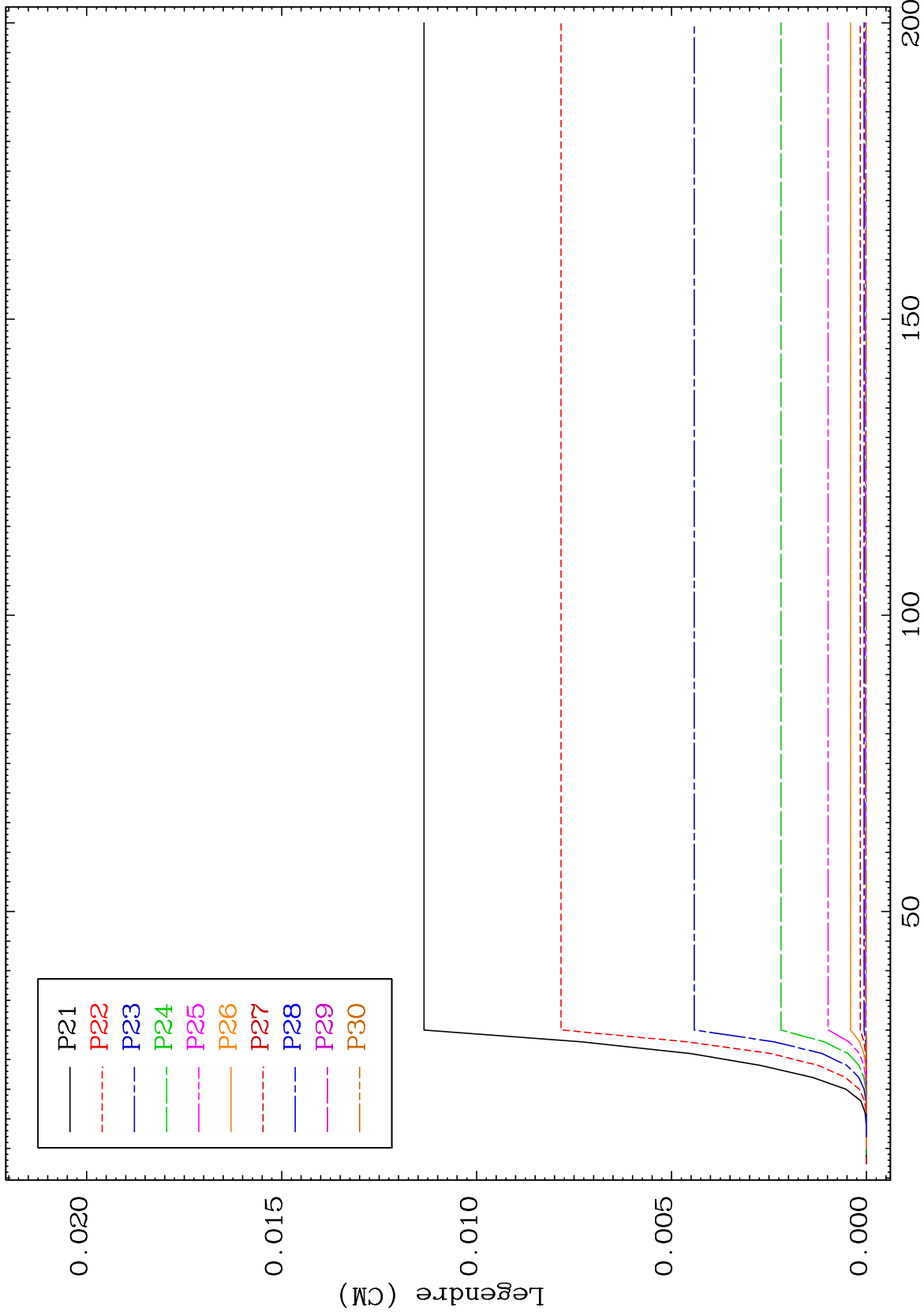
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 64 (n,n') Level  
Legendre Coefficients

84-Po-203



73

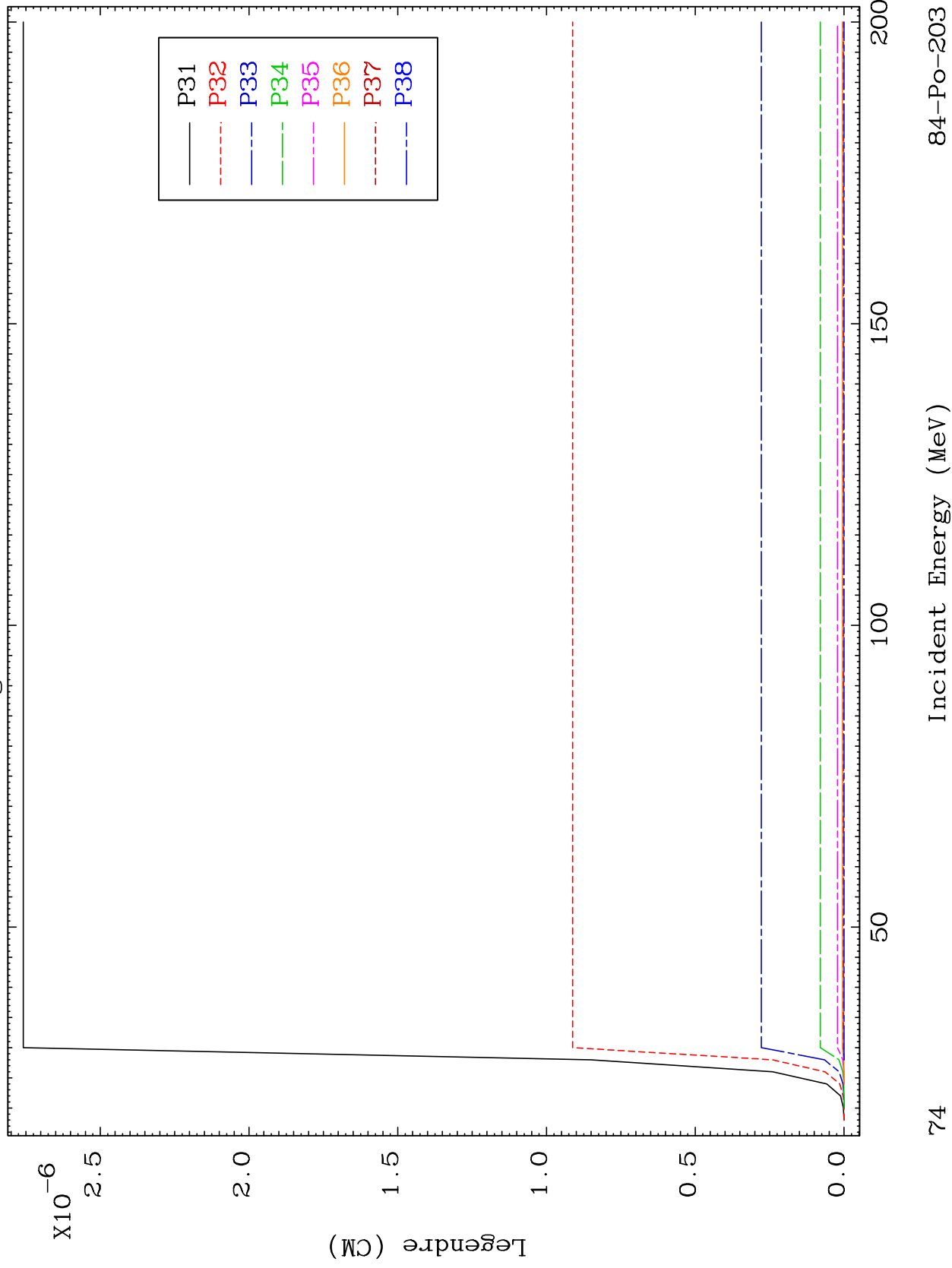
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 64 (n,n') Level  
Legendre Coefficients

84-Po-203



74

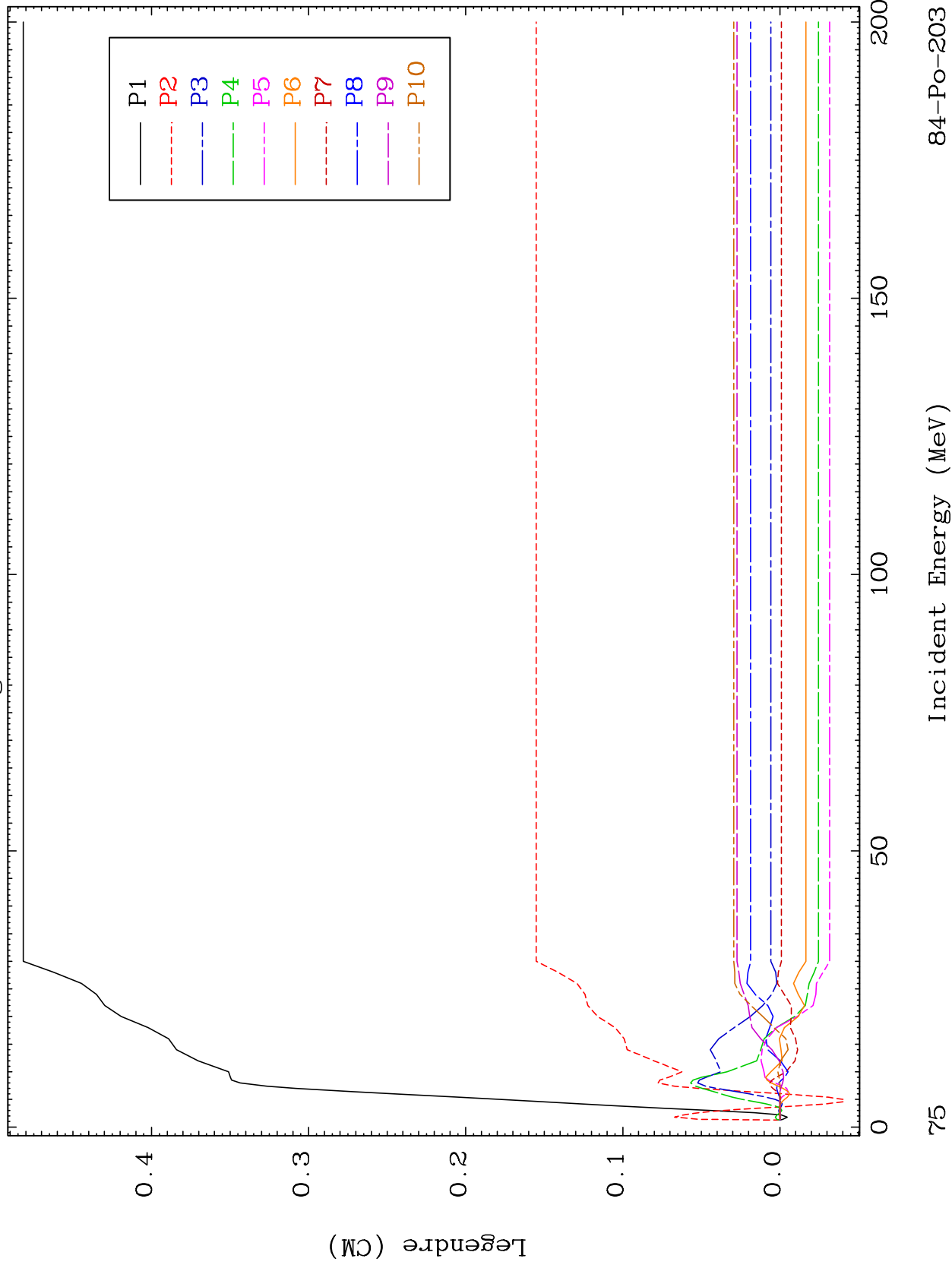
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 65 (n,n') Level  
Legendre Coefficients

84-Po-203



84-Po-203

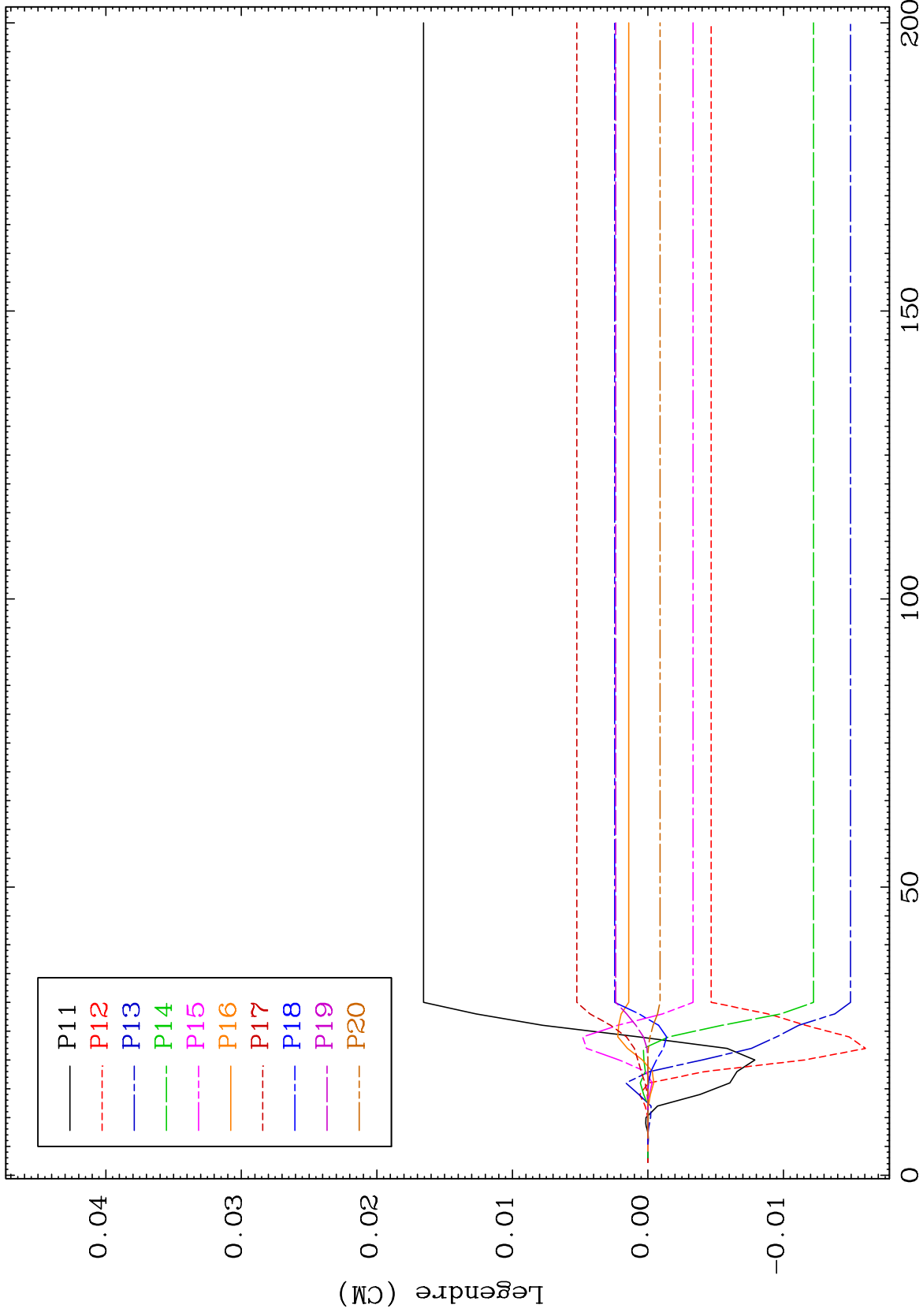
Incident Energy (MeV)

75

MAT 8416

MT= 65 (n,n') Level  
Legendre Coefficients

84-Po-203



76

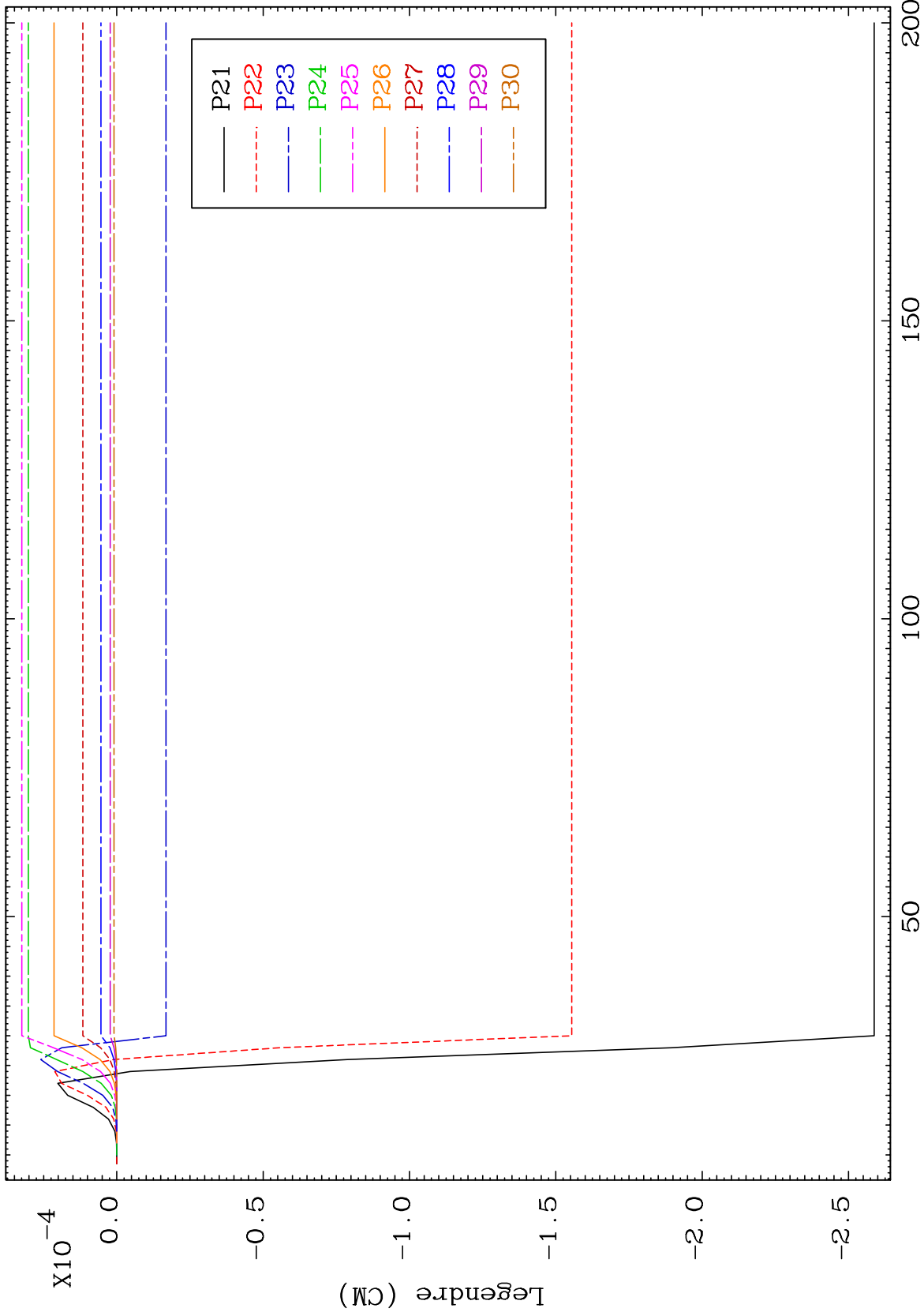
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 65 (n,n') Level  
Legendre Coefficients

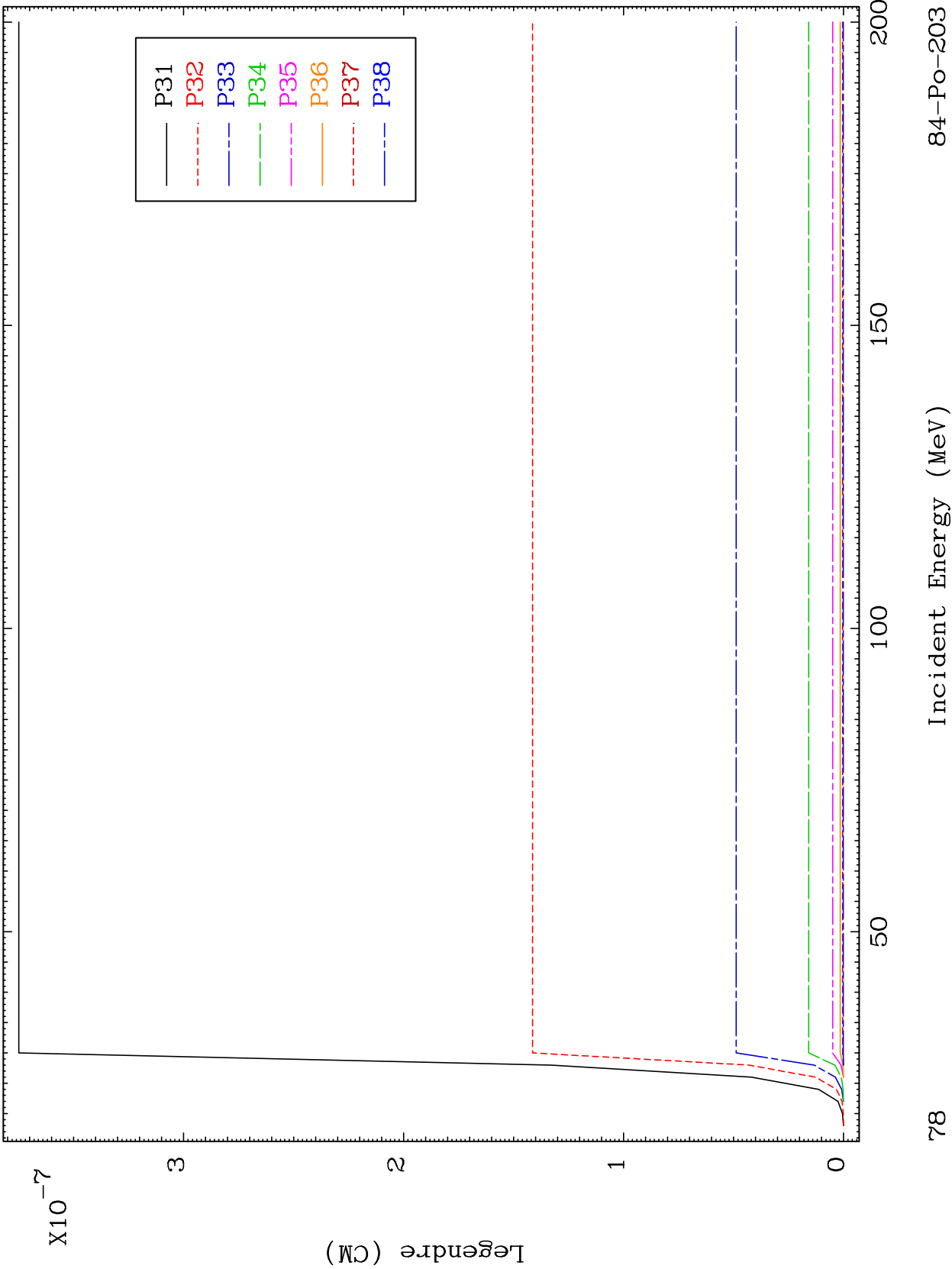
84-Po-203



MAT 8416

MT= 65 (n,n') Level  
Legendre Coefficients

84-Po-203



78

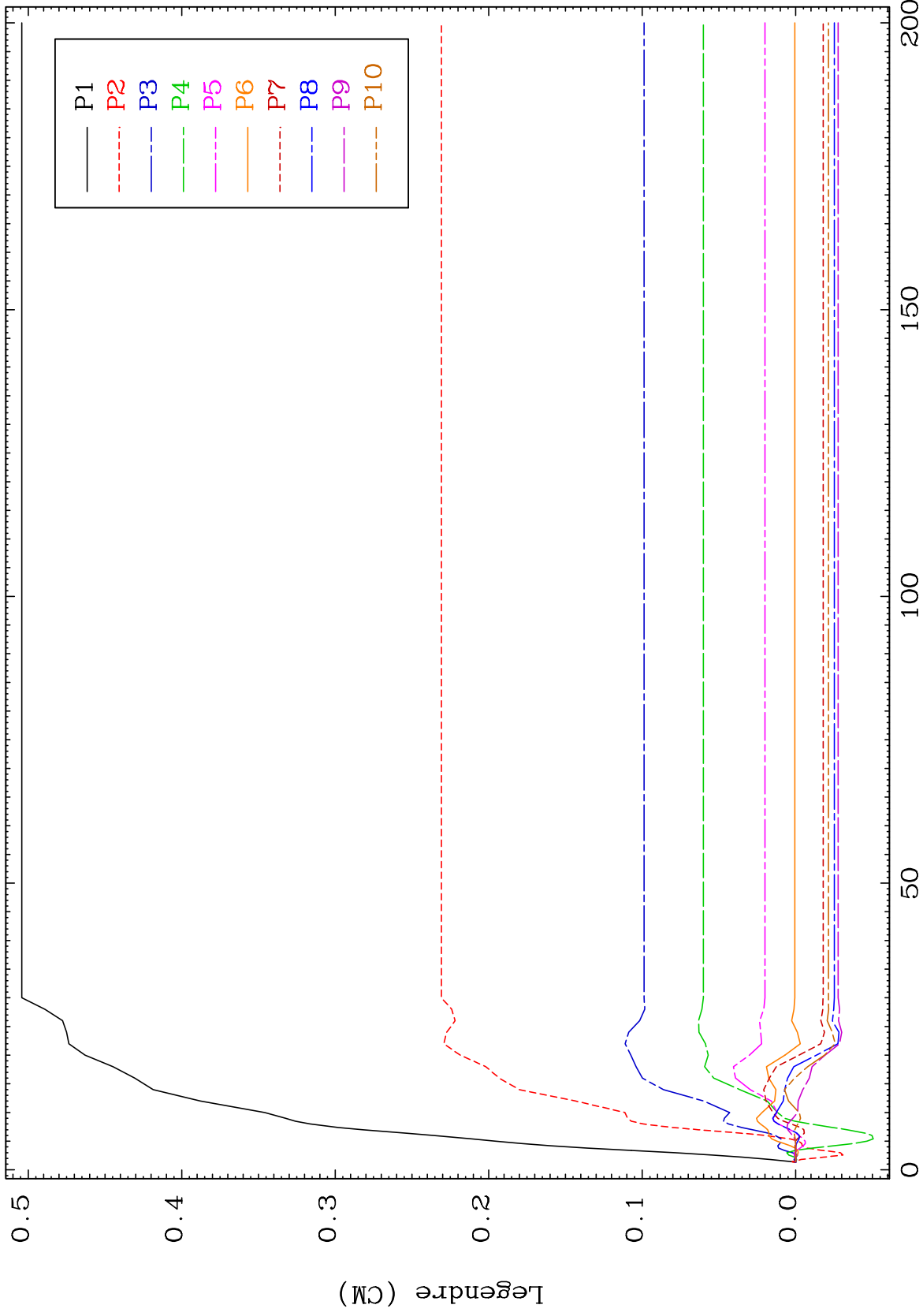
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 66 (n,n') Level  
Legendre Coefficients

84-Po-203



79

Incident Energy (MeV)

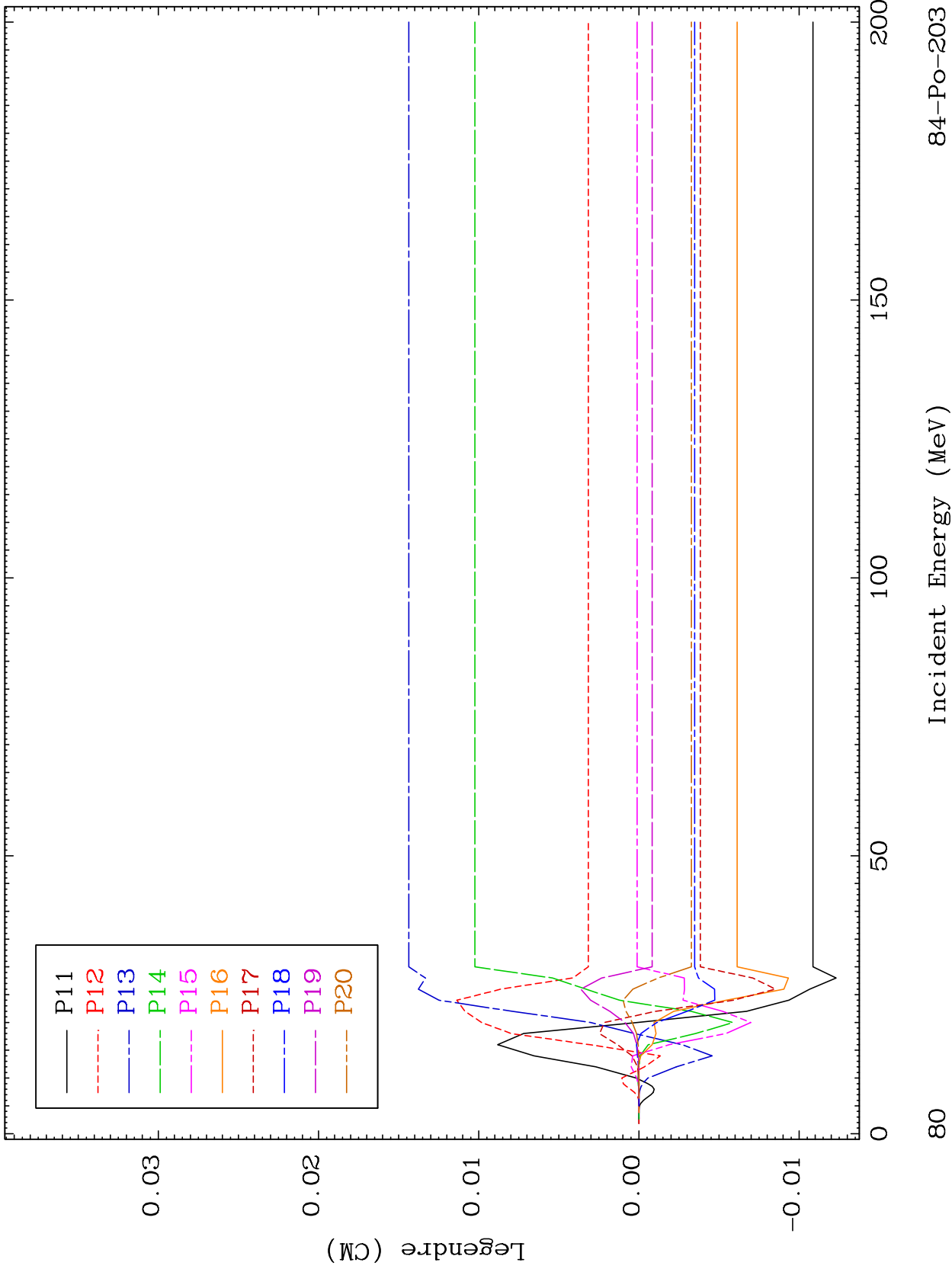
84-Po-203



MAT 8416

MT= 66 (n,n') Level  
Legendre Coefficients

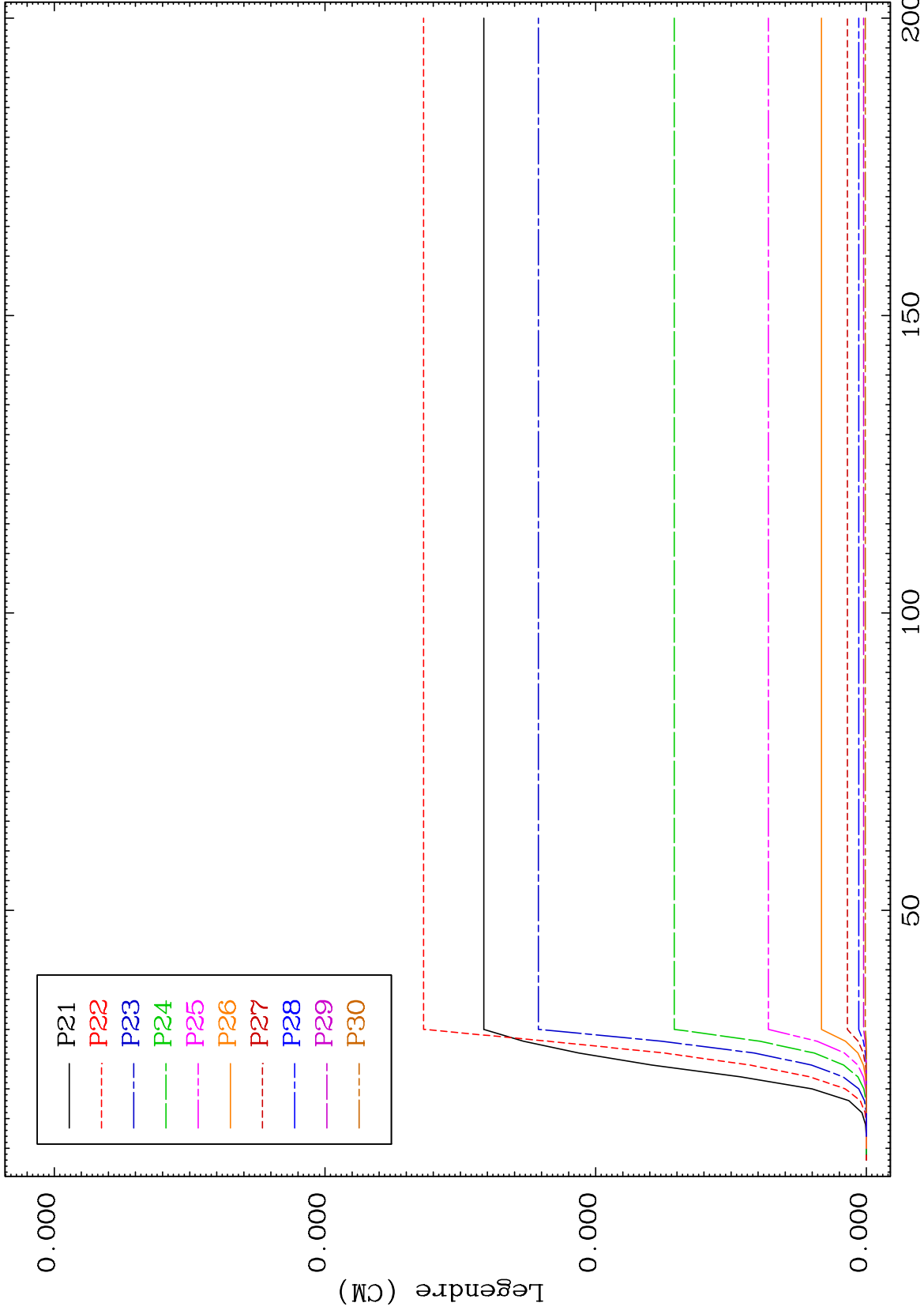
84-Po-203



MAT 8416

MT= 66 (n,n') Level  
Legendre Coefficients

84-Po-203



81

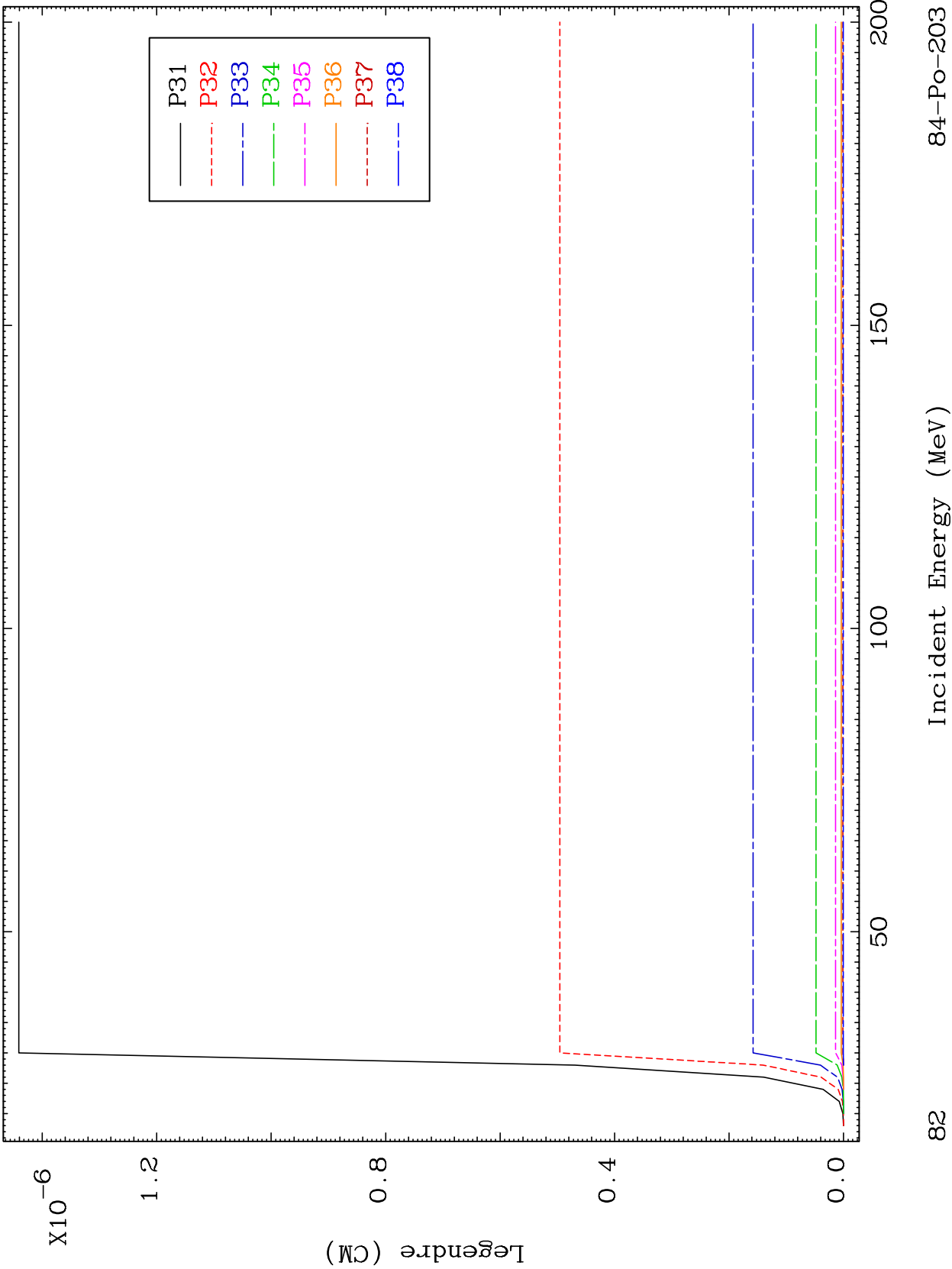
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 66 (n,n') Level  
Legendre Coefficients

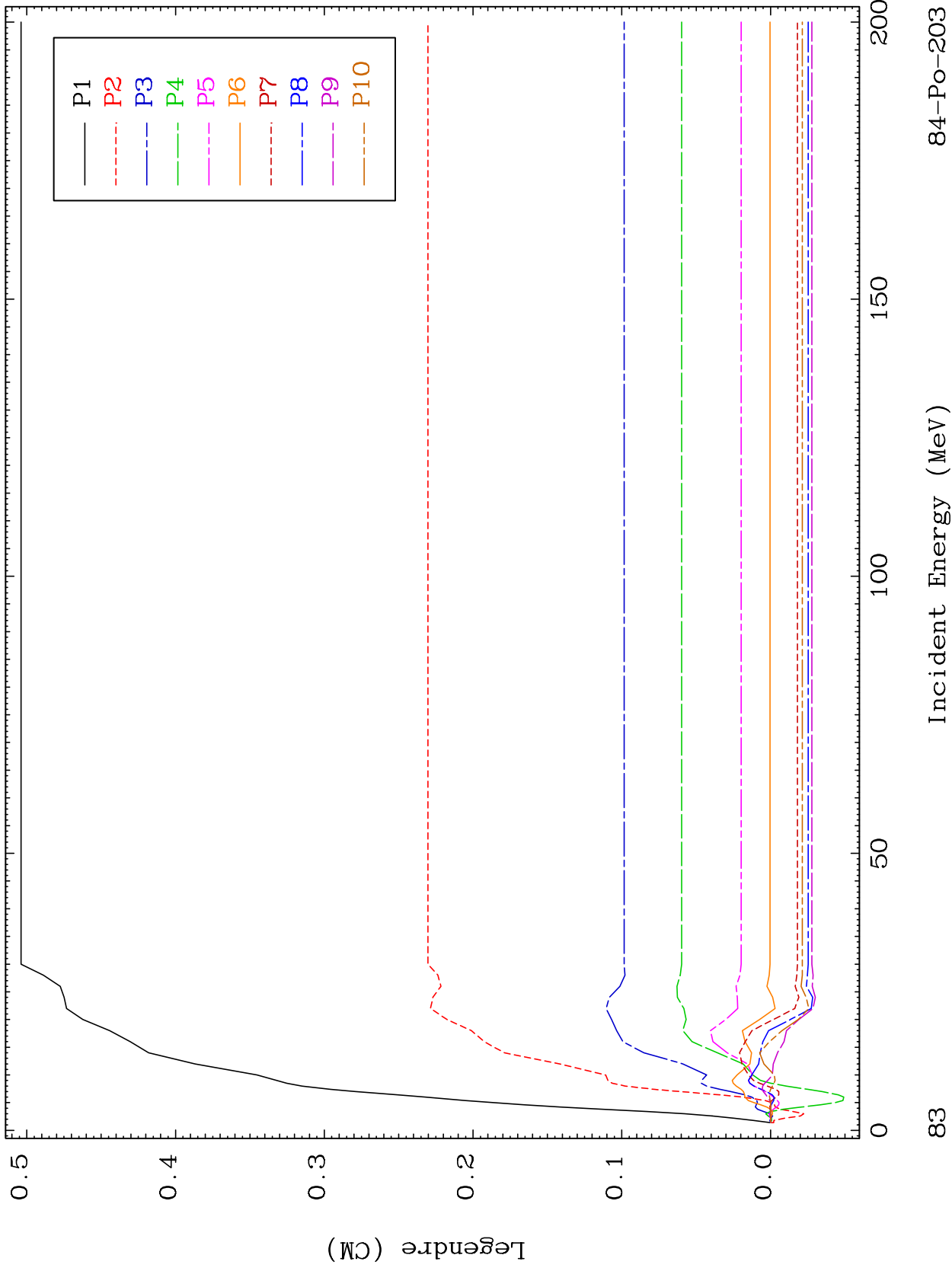
84-Po-203



MAT 8416

MT= 67 (n,n') Level  
Legendre Coefficients

84-Po-203



83

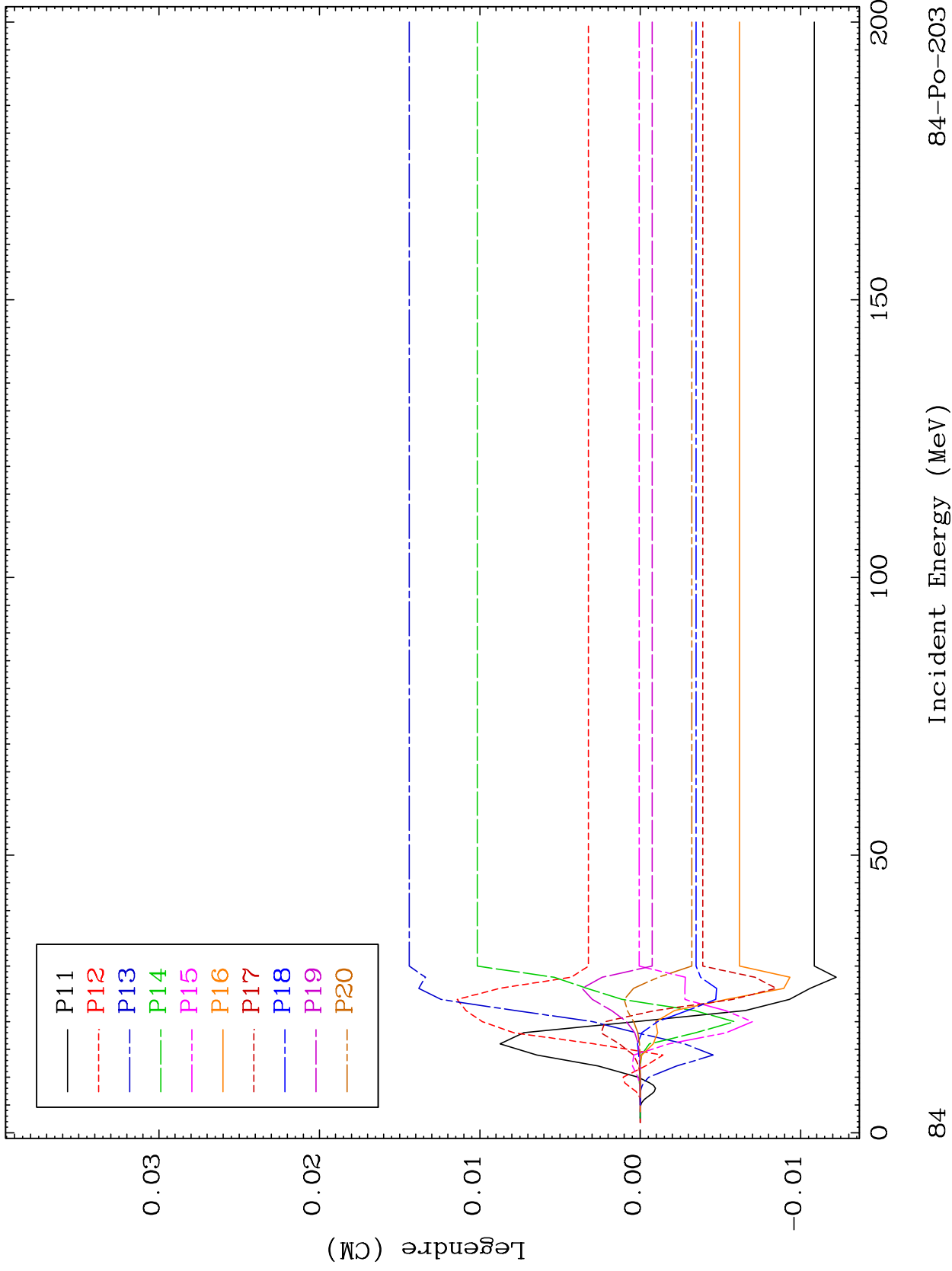
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 67 (n,n') Level  
Legendre Coefficients

84-Po-203



84

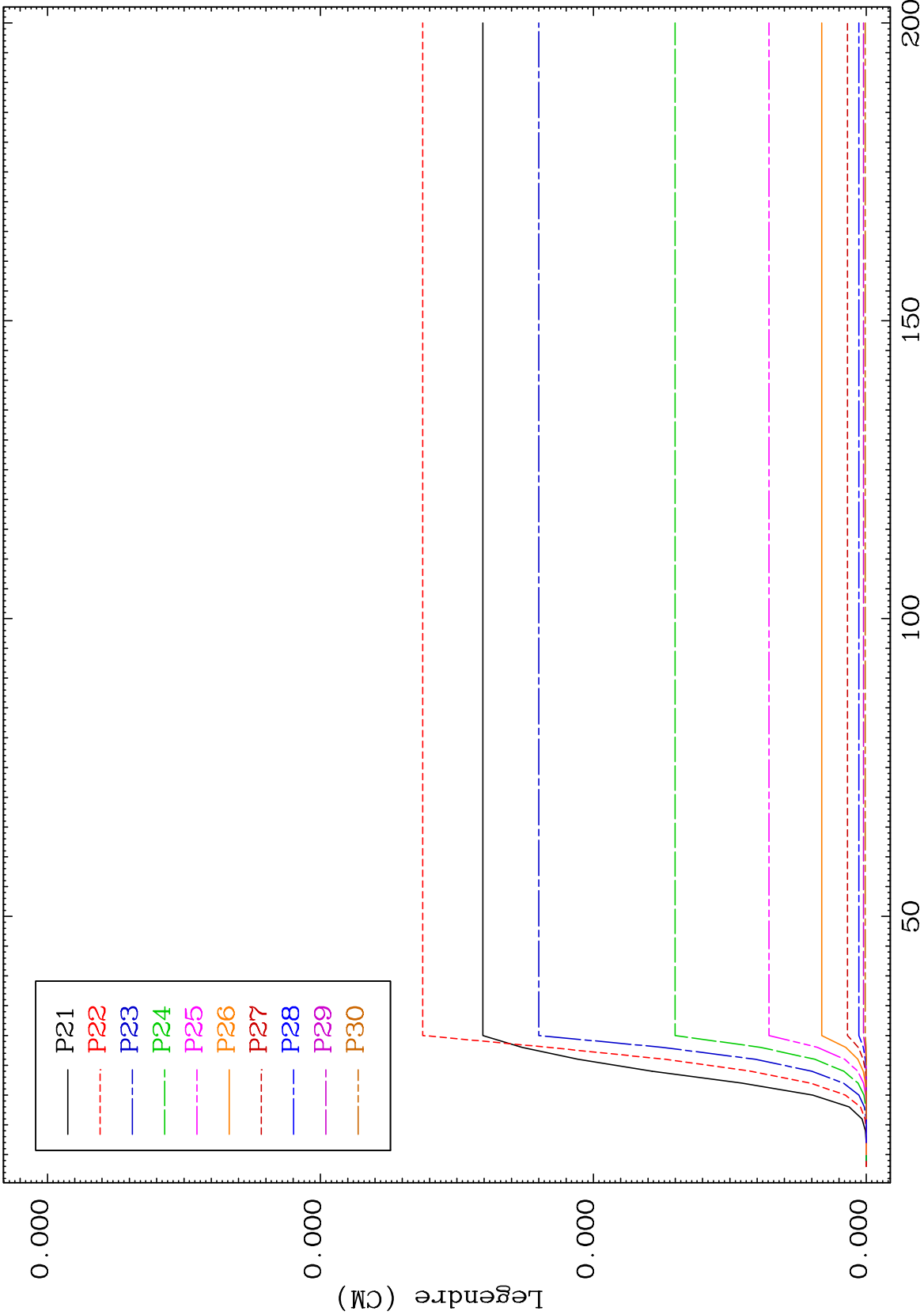
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 67 (n,n') Level  
Legendre Coefficients

84-Po-203



85

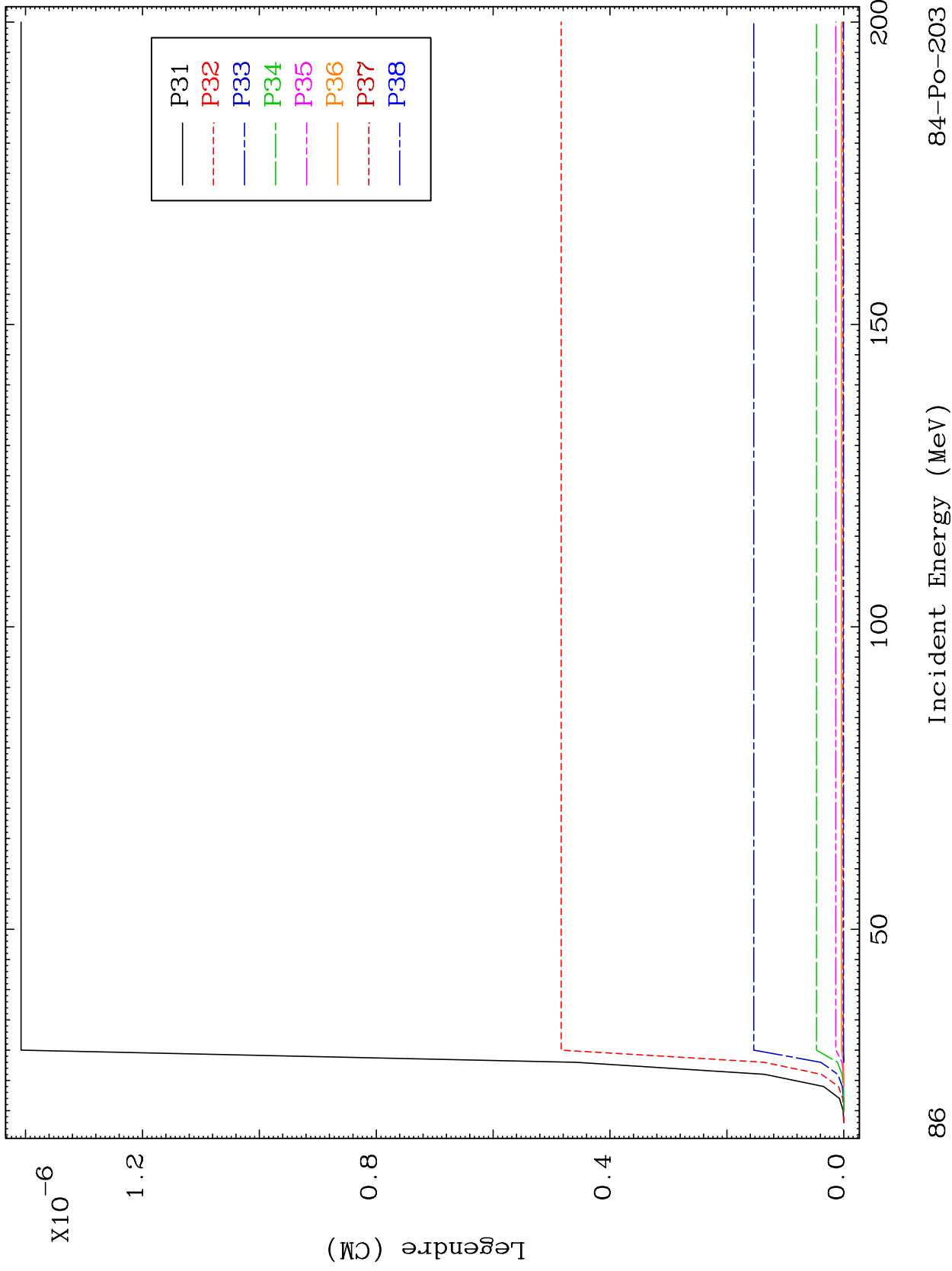
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 67 (n,n') Level  
Legendre Coefficients

84-Po-203



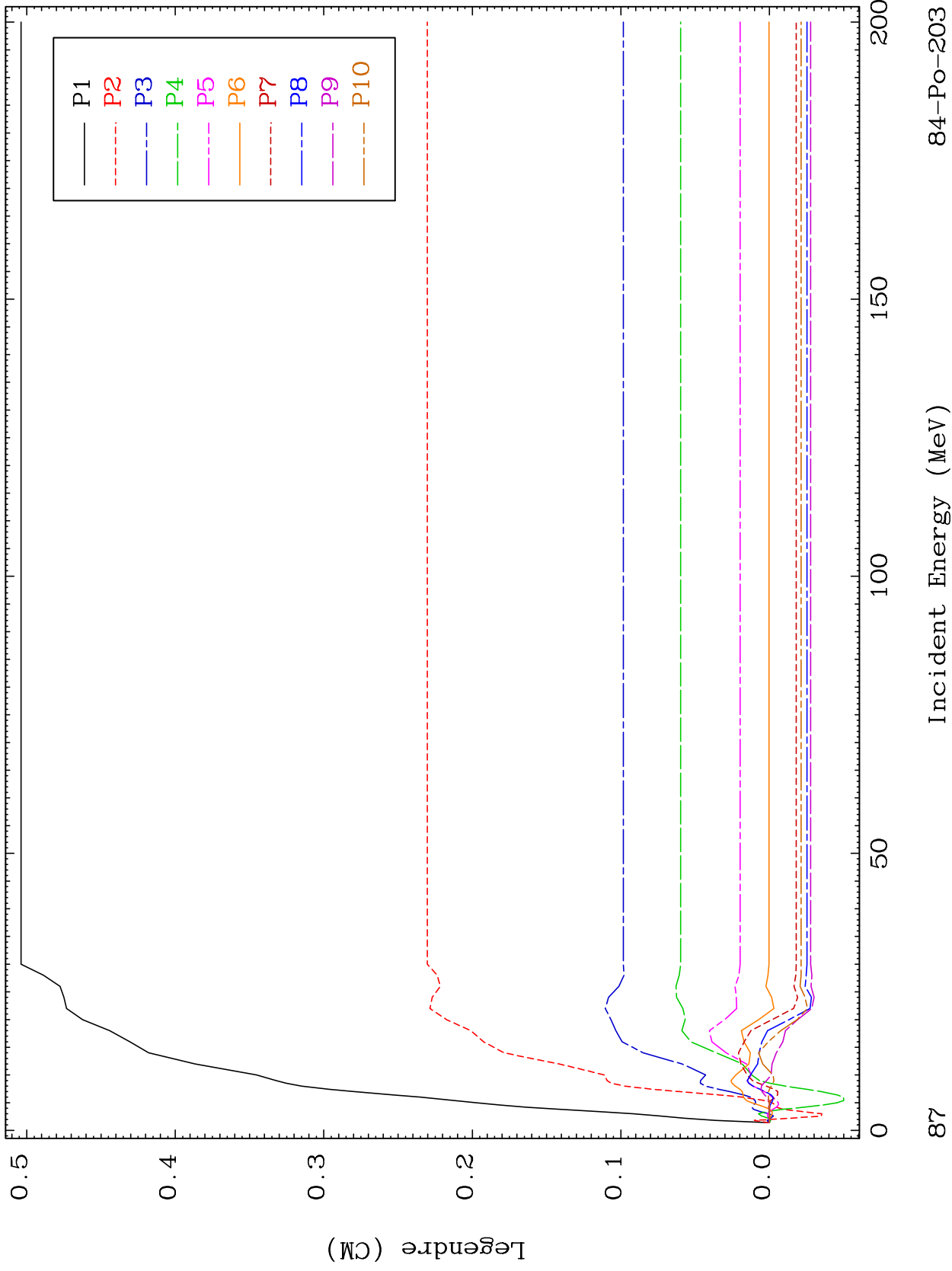
86

84-Po-203

MAT 8416

MT= 68 (n,n') Level  
Legendre Coefficients

84-Po-203



84-Po-203

Incident Energy (MeV)

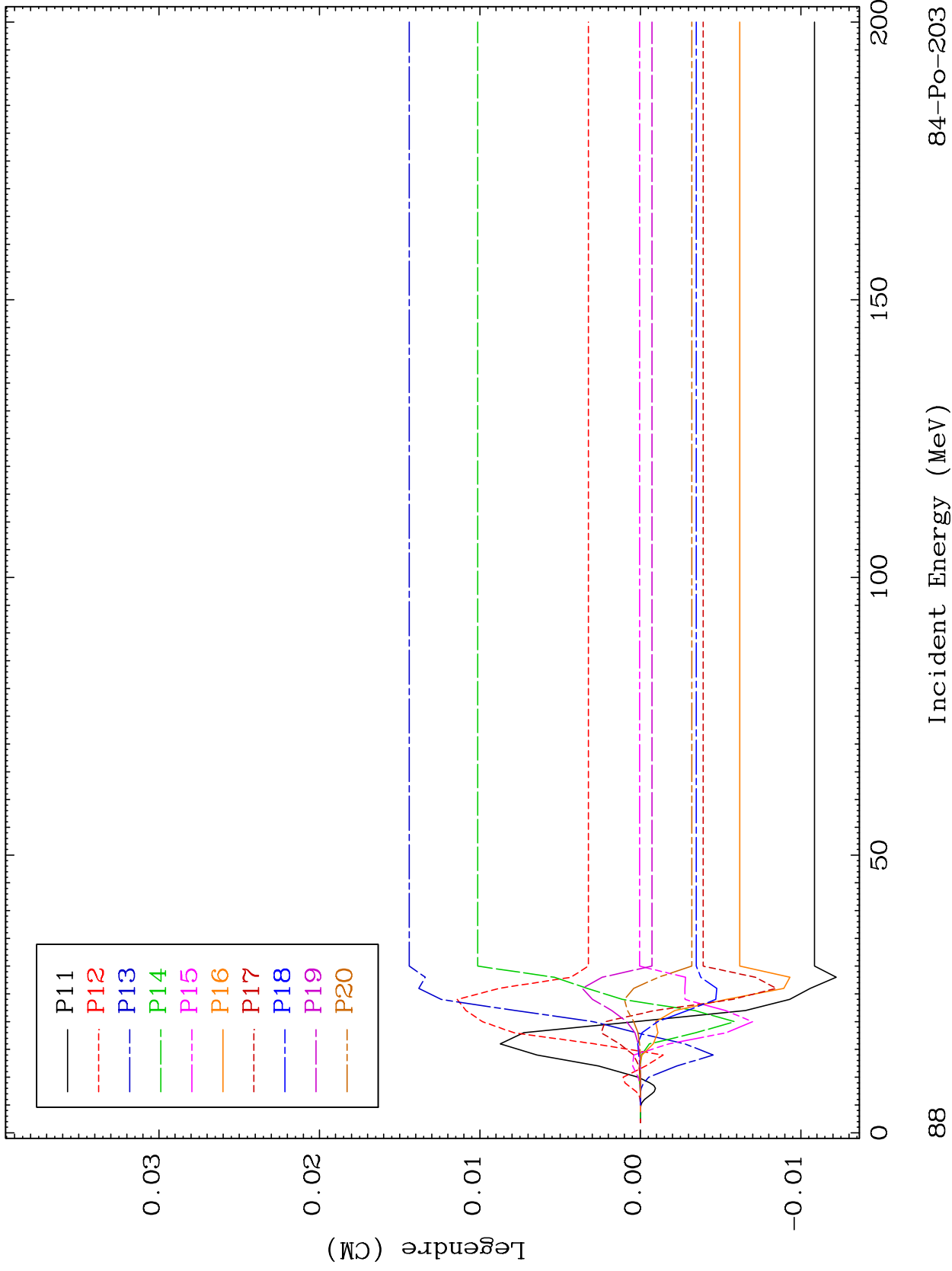
87



MAT 8416

MT= 68 (n,n') Level  
Legendre Coefficients

84-Po-203

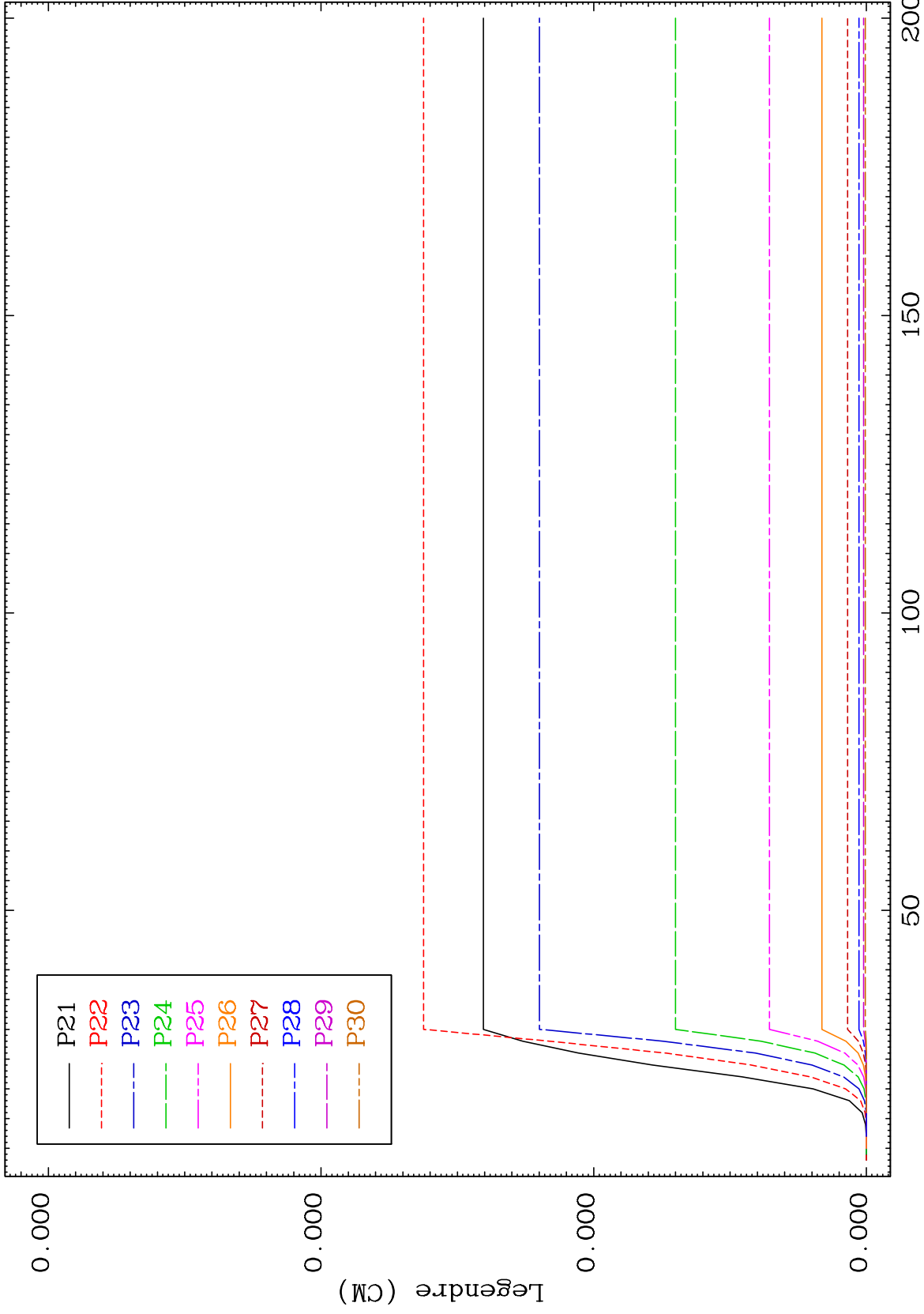


88

MAT 8416

MT= 68 (n,n') Level  
Legendre Coefficients

84-Po-203



89

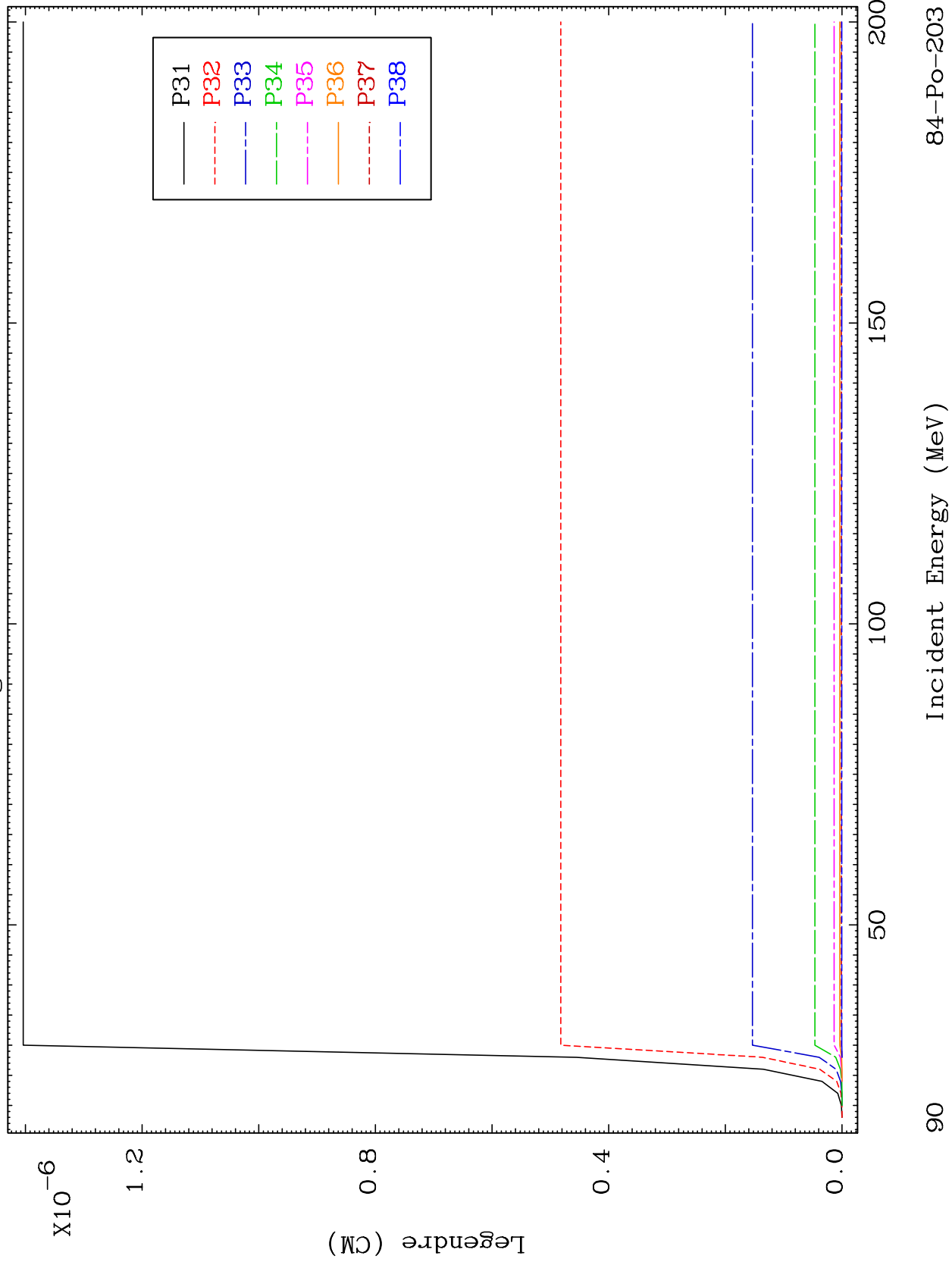
Incident Energy (MeV)

84-Po-203

MAT 8416

MT= 68 (n,n') Level  
Legendre Coefficients

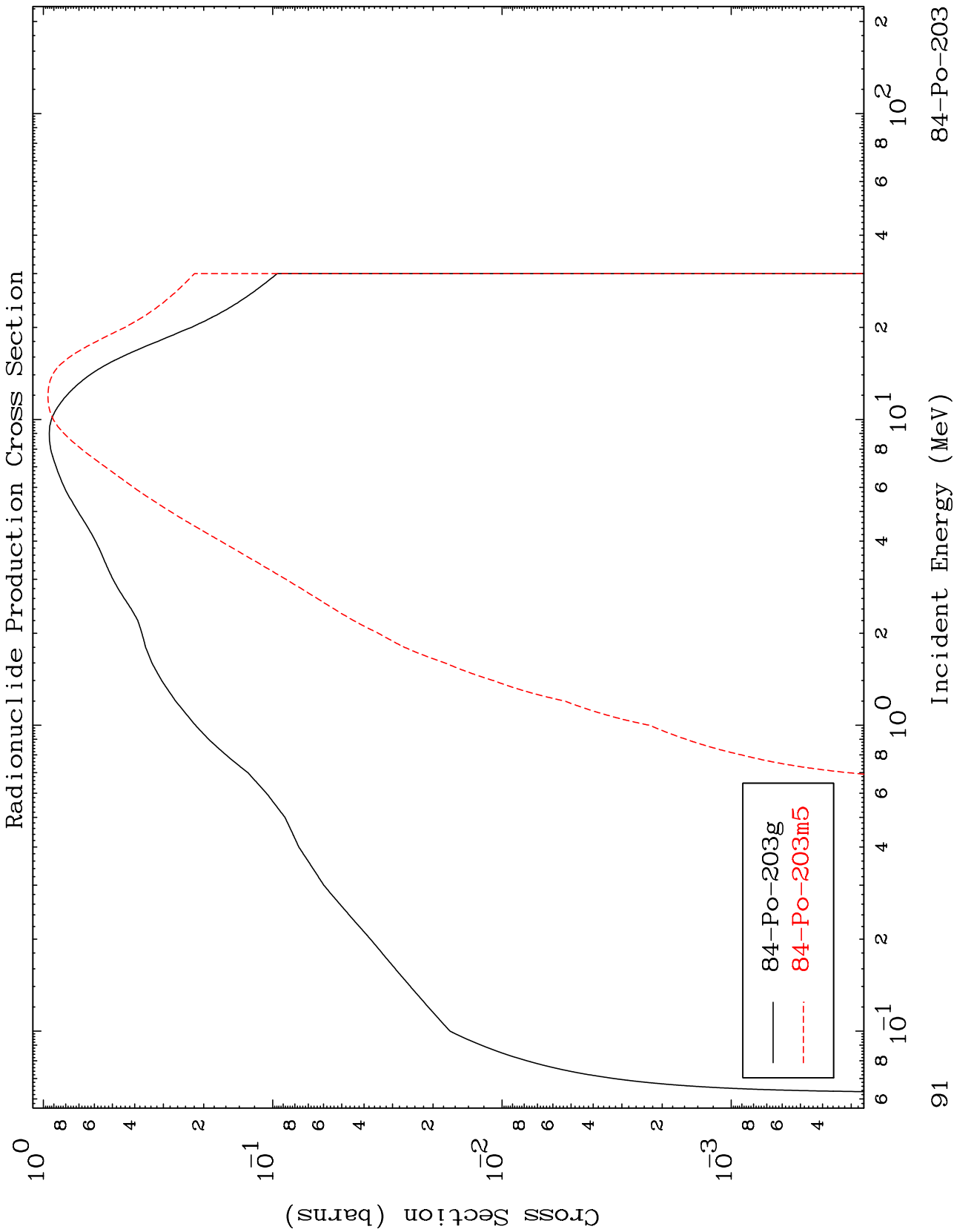
84-Po-203



MAT 8416

84-Po-203

Inelastic  
Radionuclide Production Cross Section



91

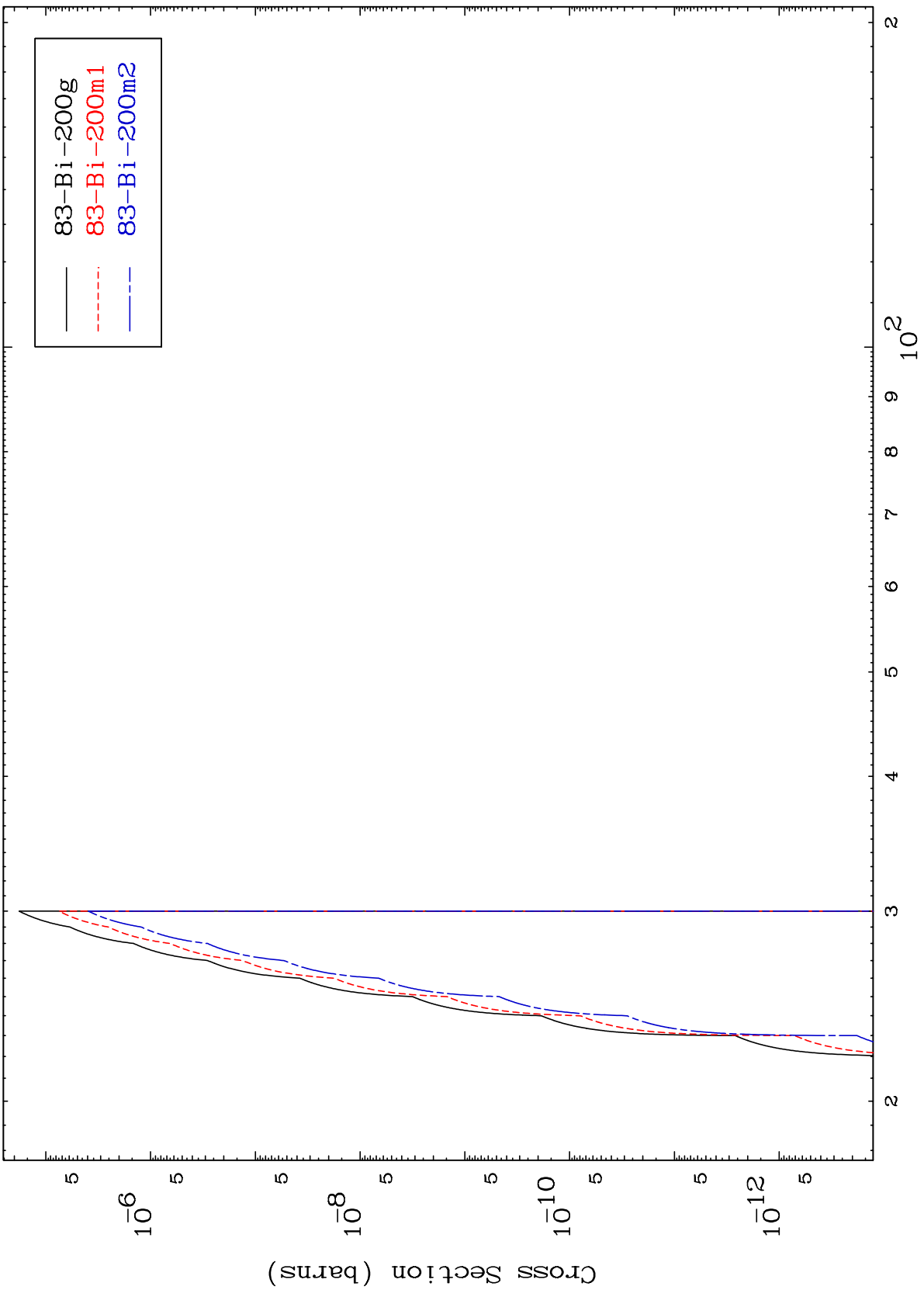
84-Po-203

MAT 8416

(n,2n) d

84-Po-203

Radionuclide Production Cross Section

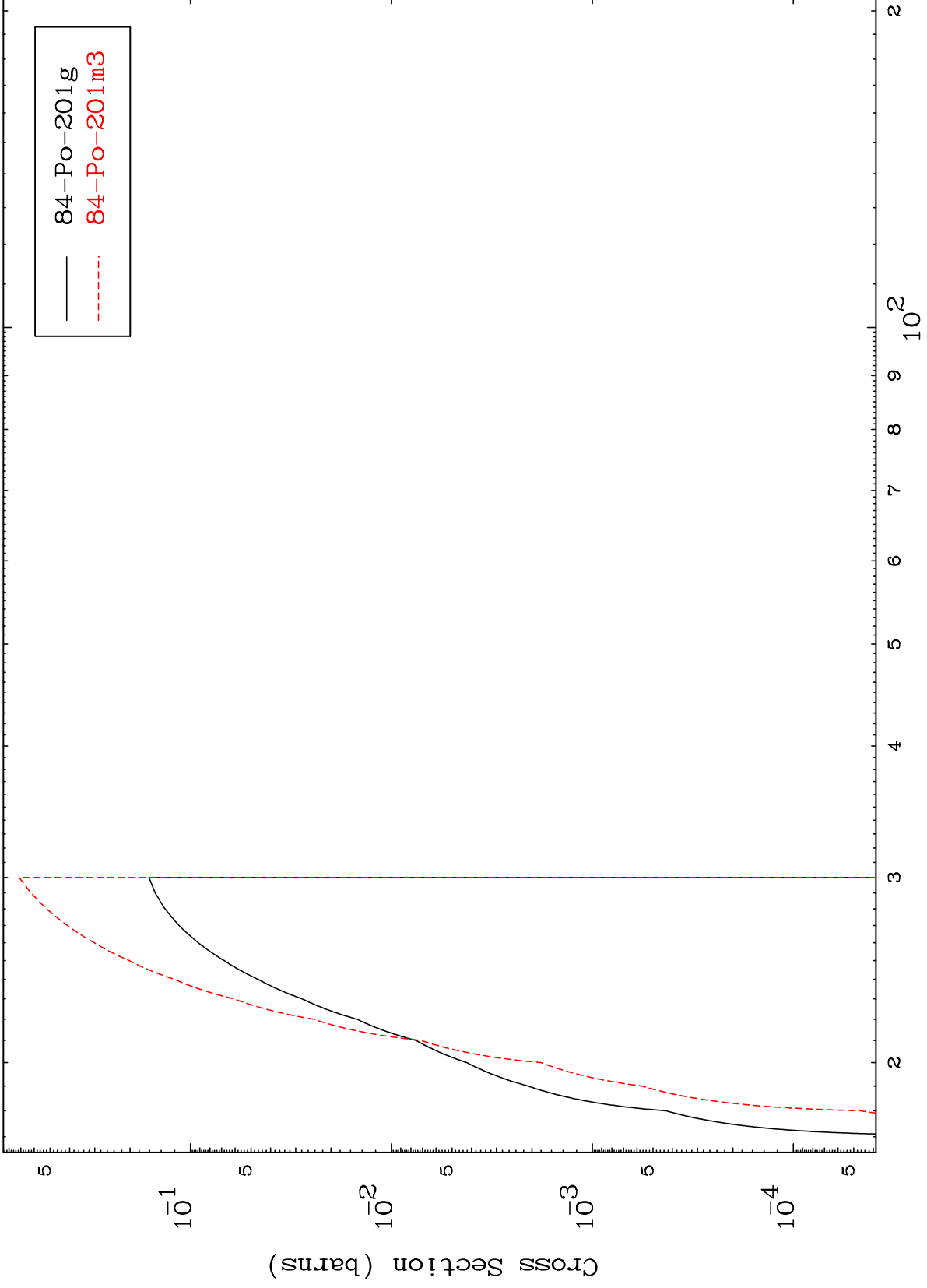


92

Incident Energy (MeV)

84-Po-203

Radionuclide Production Cross Section

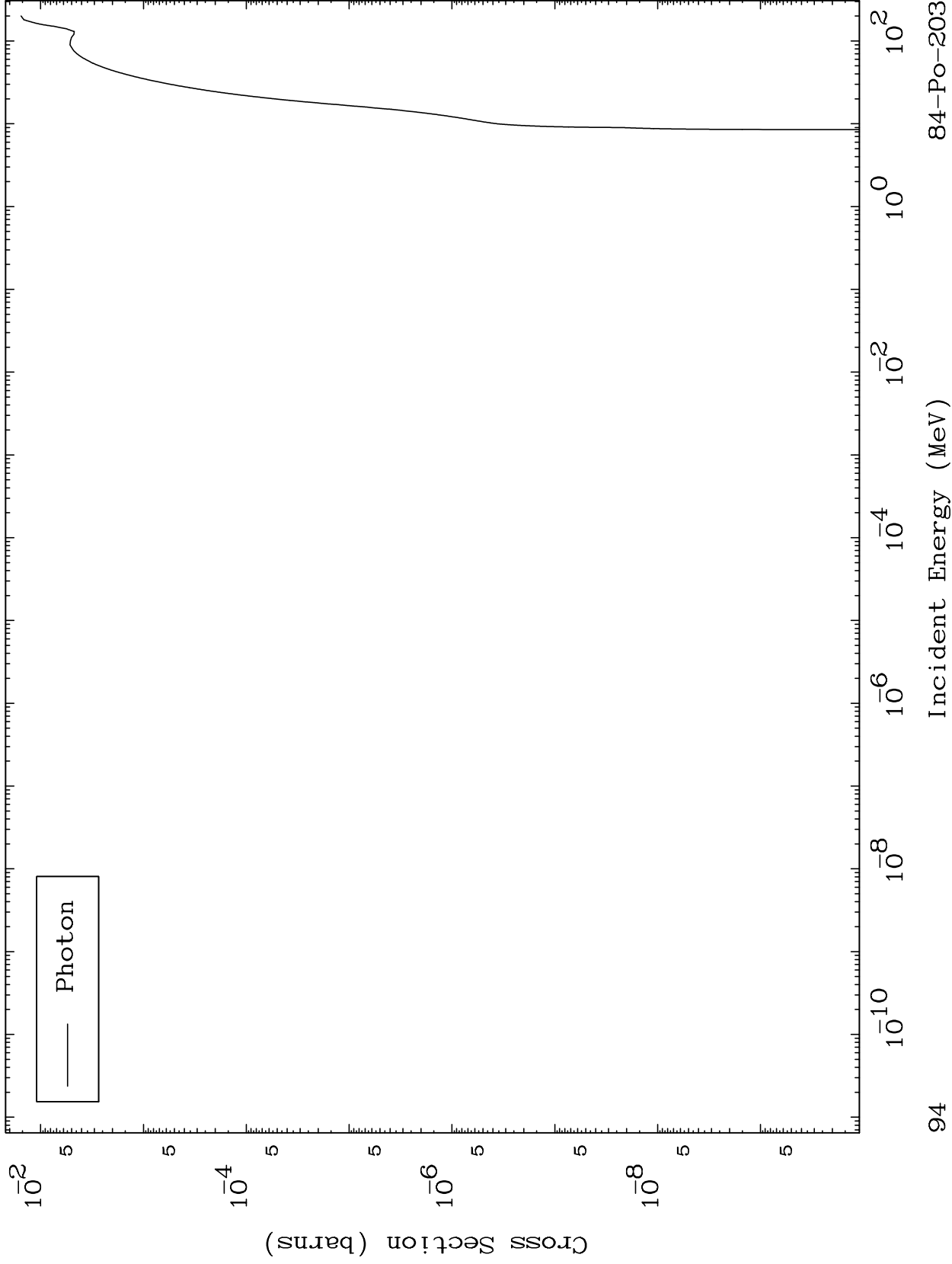


MAT 8416

Fission

84-Po-203

Radionuclide Production Cross Section



94

Incident Energy (MeV)

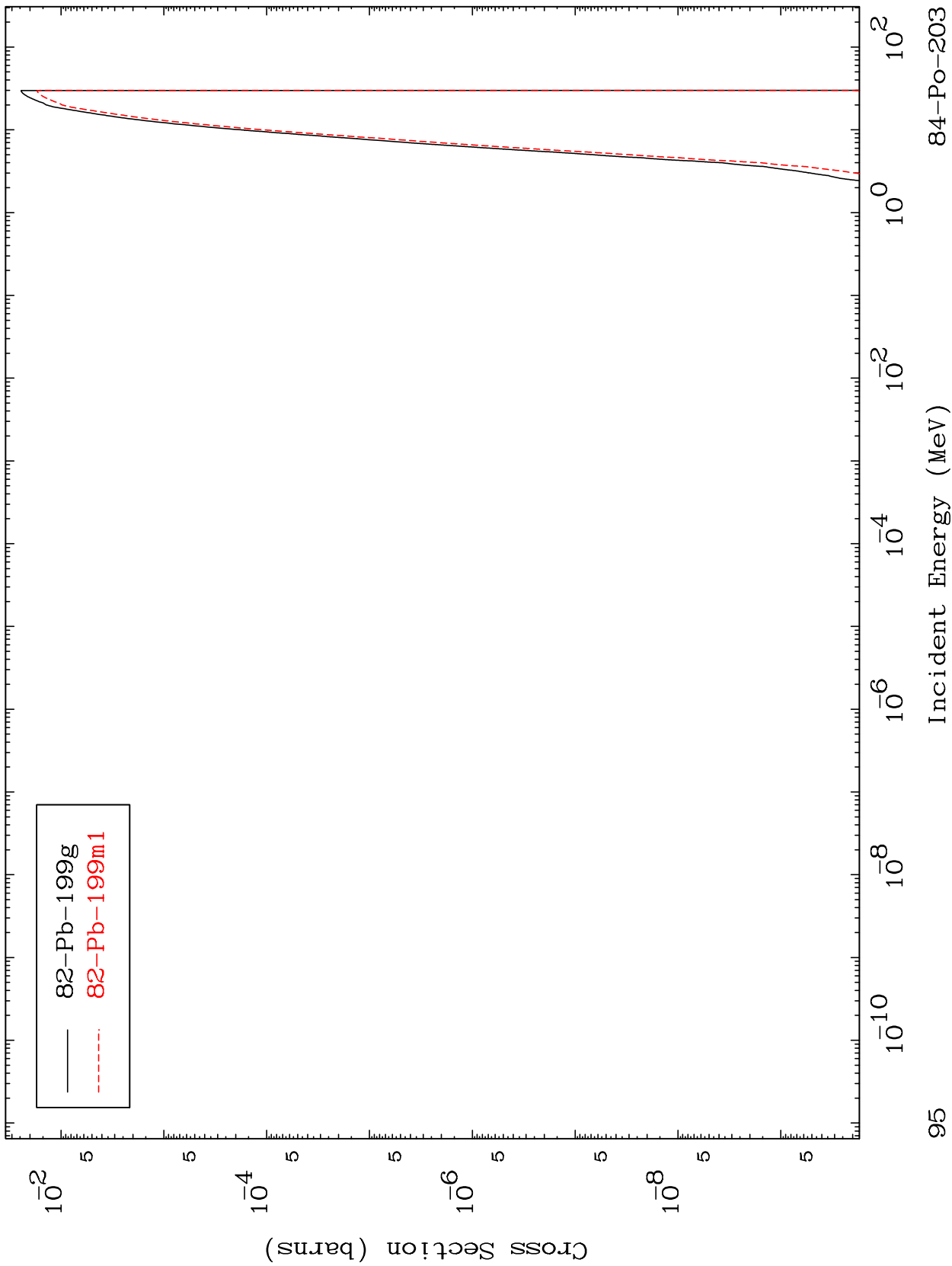
84-Po-203

MAT 8416

$(n, n') \alpha$

84-Po-203

Radionuclide Production Cross Section



95

Incident Energy (MeV)

84-Po-203

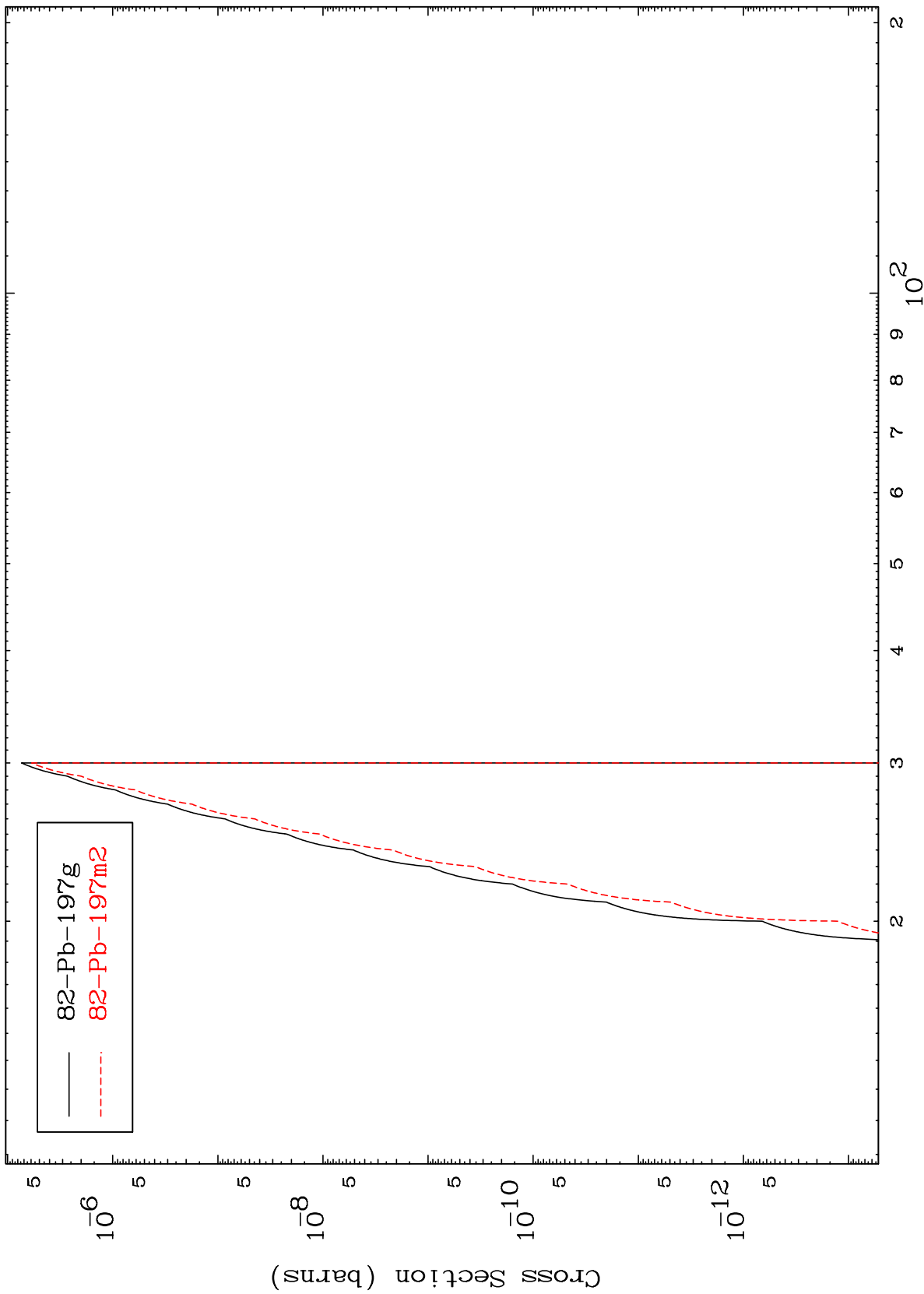


MAT 8416

(n,3n)  $\alpha$

84-Po-203

Radionuclide Production Cross Section



96

Incident Energy (MeV)

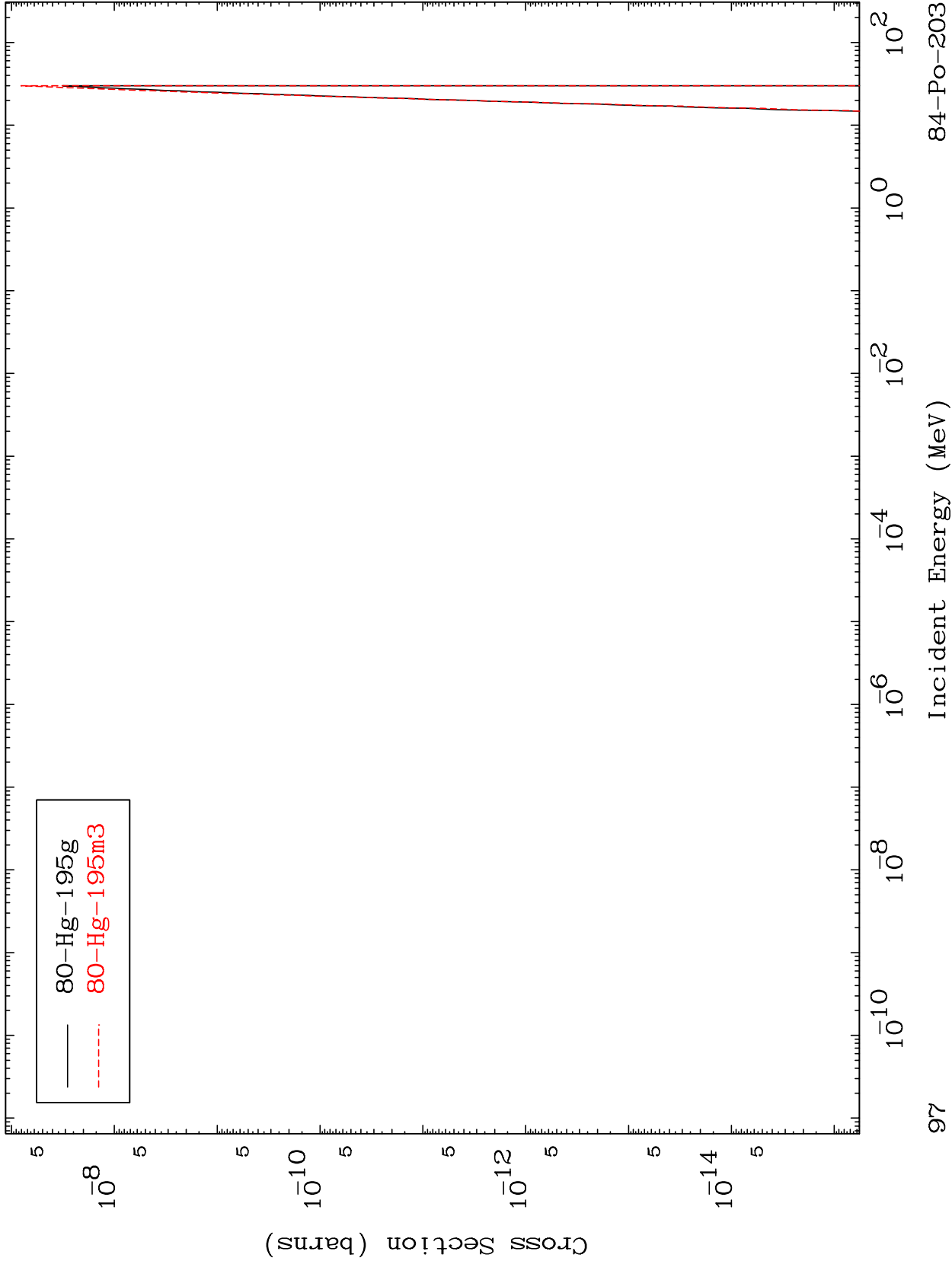
84-Po-203

MAT 8416

(n,n') 2α

84-Po-203

Radionuclide Production Cross Section



97

Incident Energy (MeV)

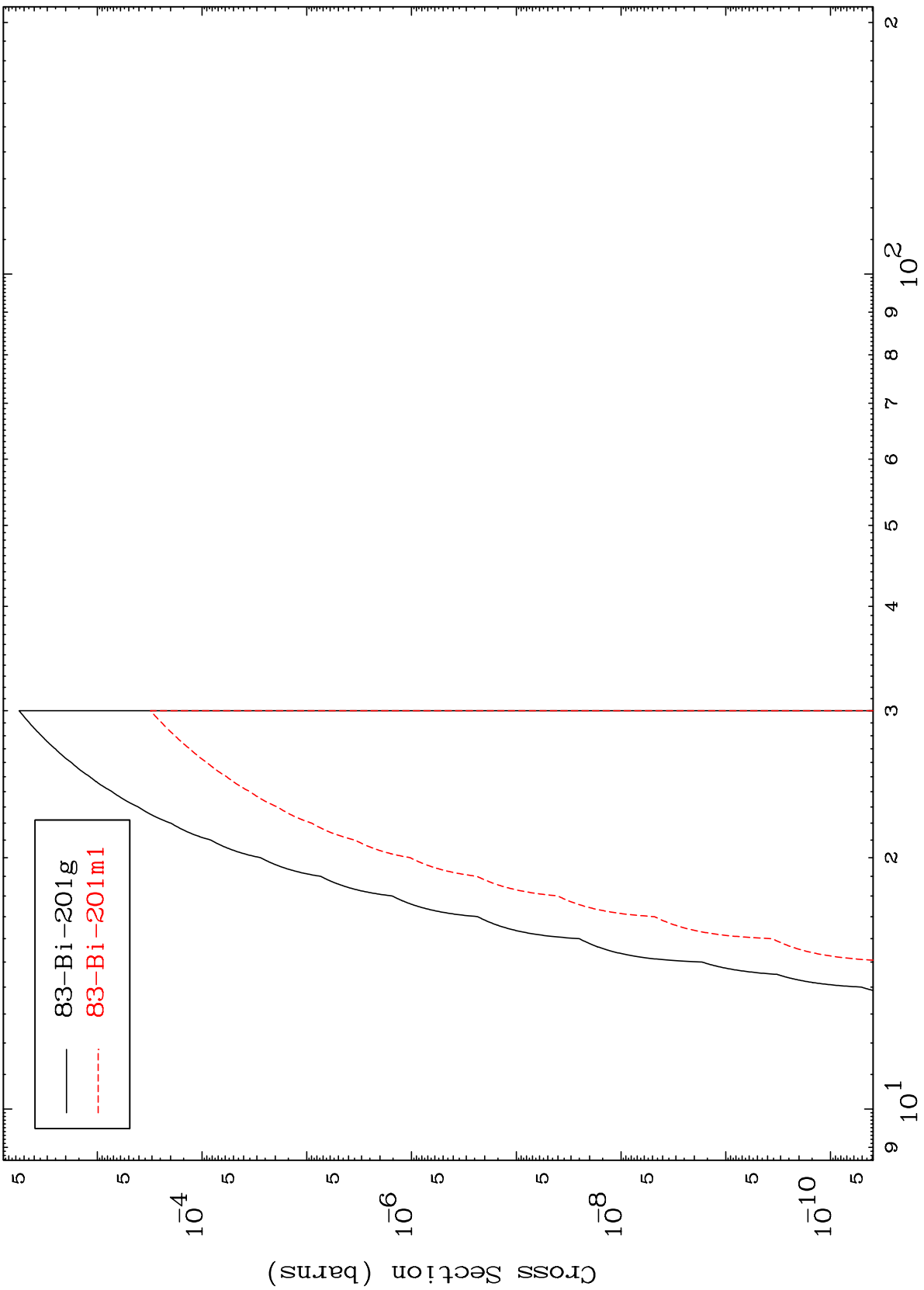
84-Po-203

MAT 8416

(n,n') d

84-Po-203

Radionuclide Production Cross Section

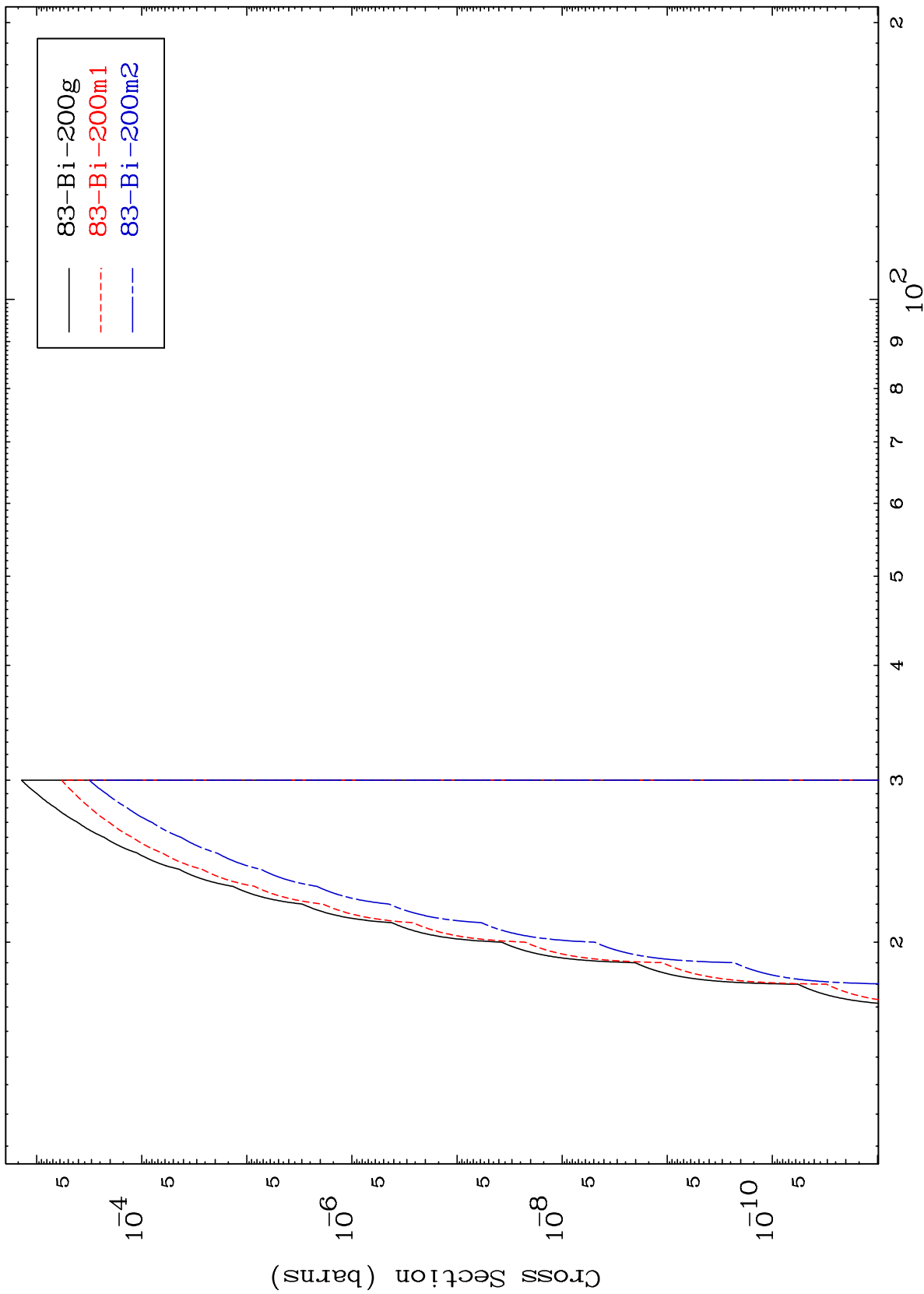


98

Incident Energy (MeV)

84-Po-203

Radionuclide Production Cross Section

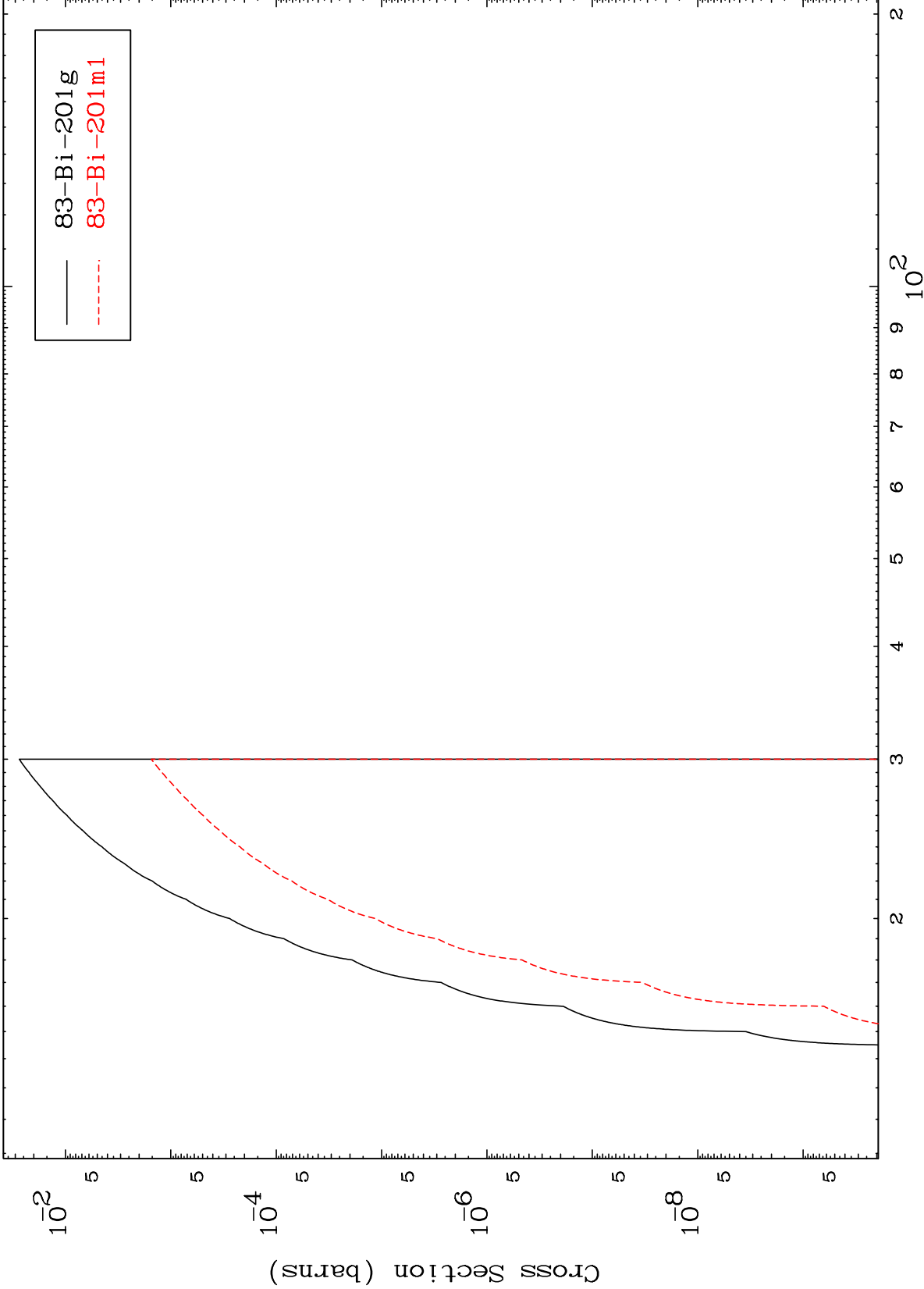


MAT 8416

(n,2n) p

84-Po-203

Radionuclide Production Cross Section



100

Incident Energy (MeV)

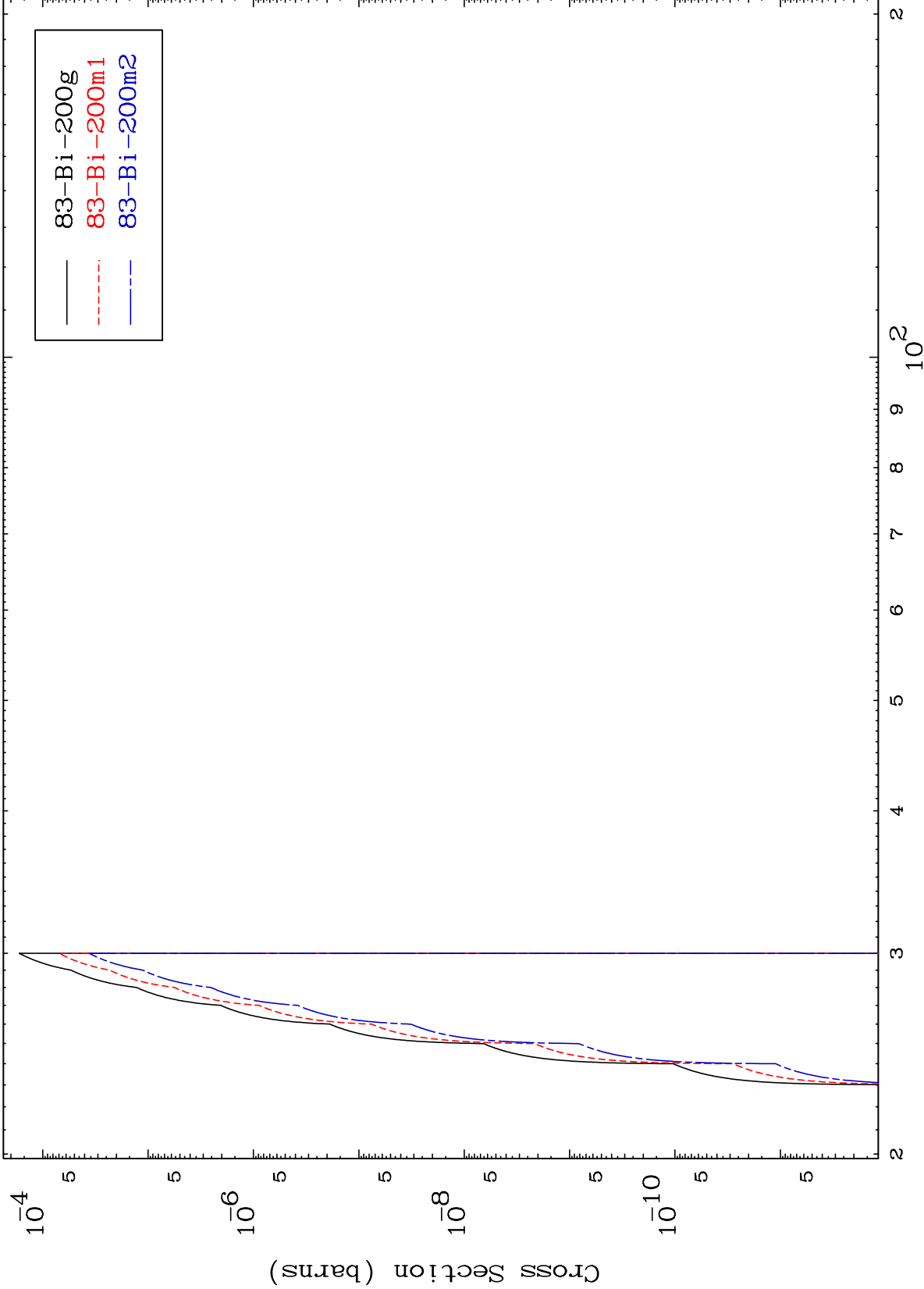
84-Po-203

MAT 8416

(n,3n) p

84-Po-203

Radionuclide Production Cross Section



101

Incident Energy (MeV)

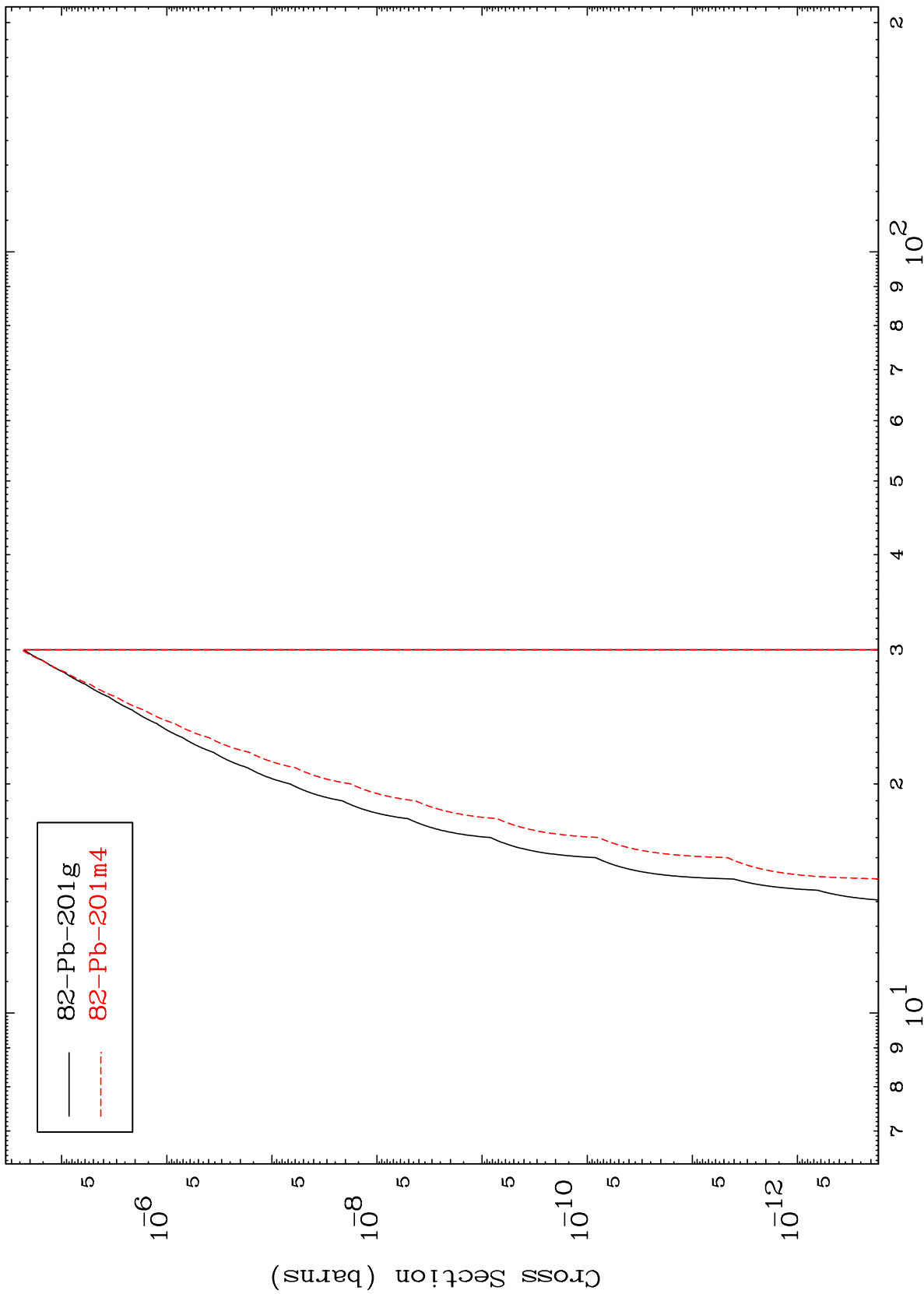
84-Po-203

MAT 8416

(n,2n) p

84-Po-203

Radionuclide Production Cross Section



102

Incident Energy (MeV)

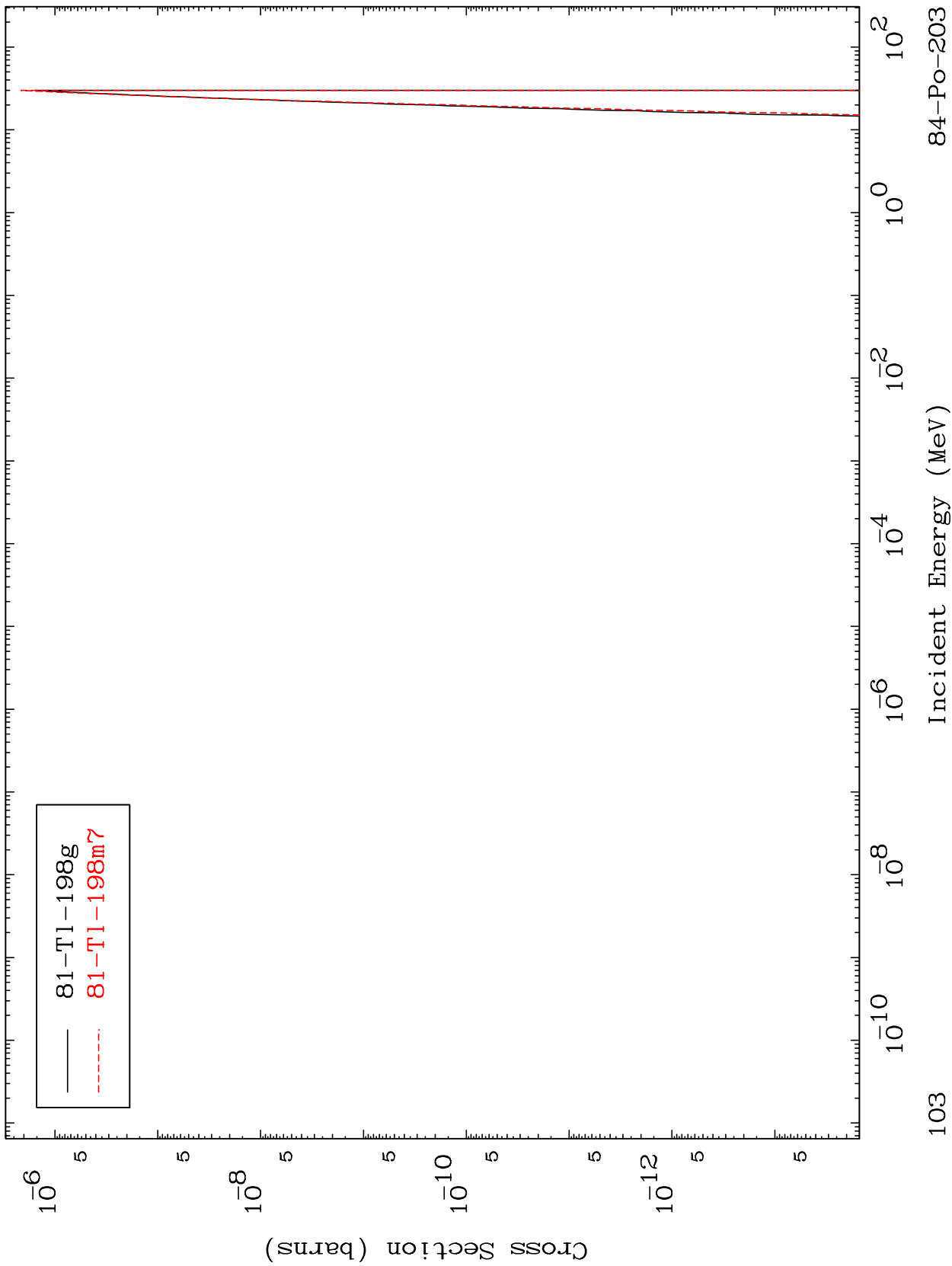
84-Po-203

MAT 8416

(n,n') p  $\alpha$

84-Po-203

Radionuclide Production Cross Section



103

Incident Energy (MeV)

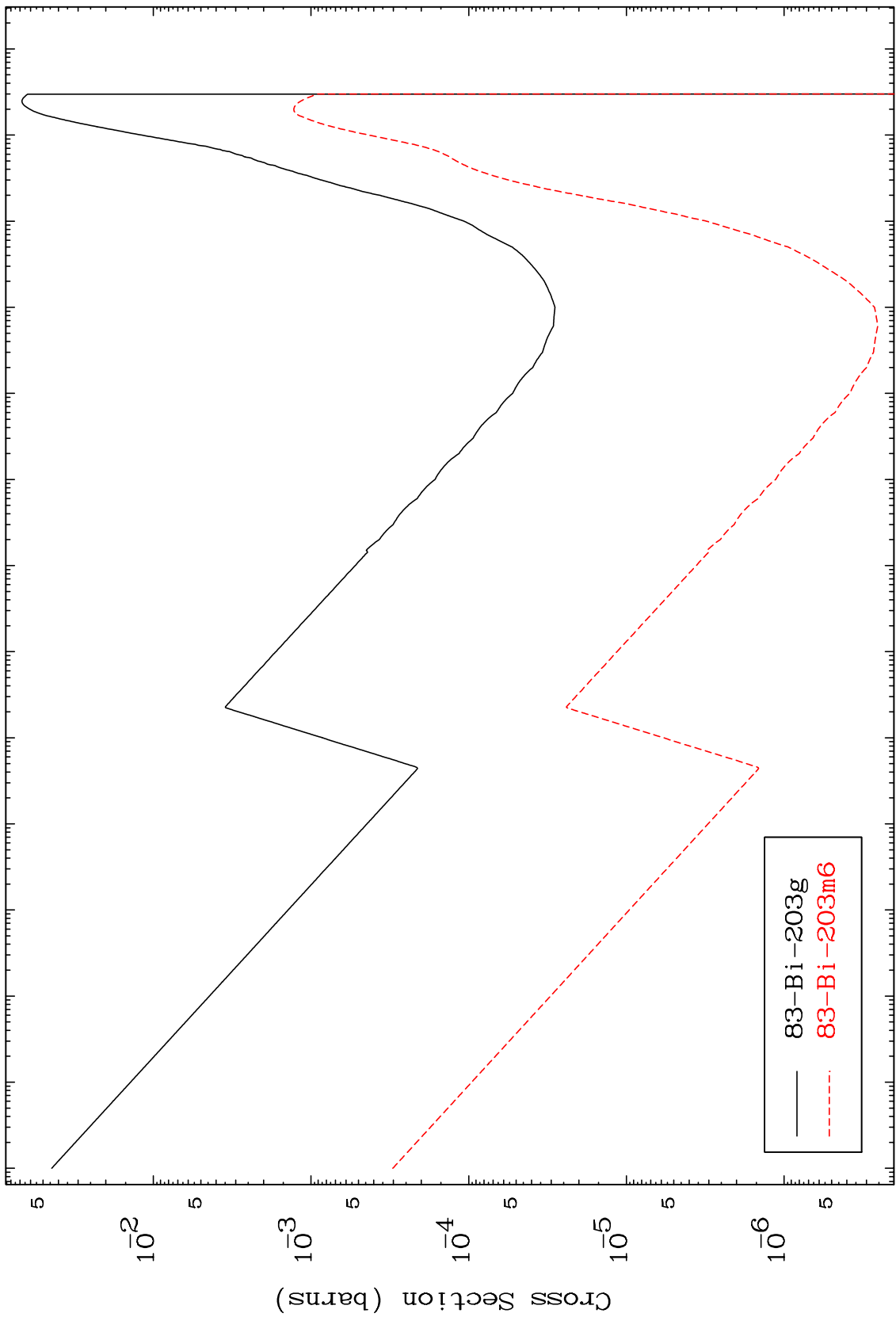
84-Po-203



MAT 8416

84-Po-203

(n,p)  
Radionuclide Production Cross Section



84-Po-203

$10^{-2}$

$10^{-3}$

$10^{-4}$

$10^{-5}$

$10^{-6}$

$10^{-7}$

$10^{-8}$

84-Po-203

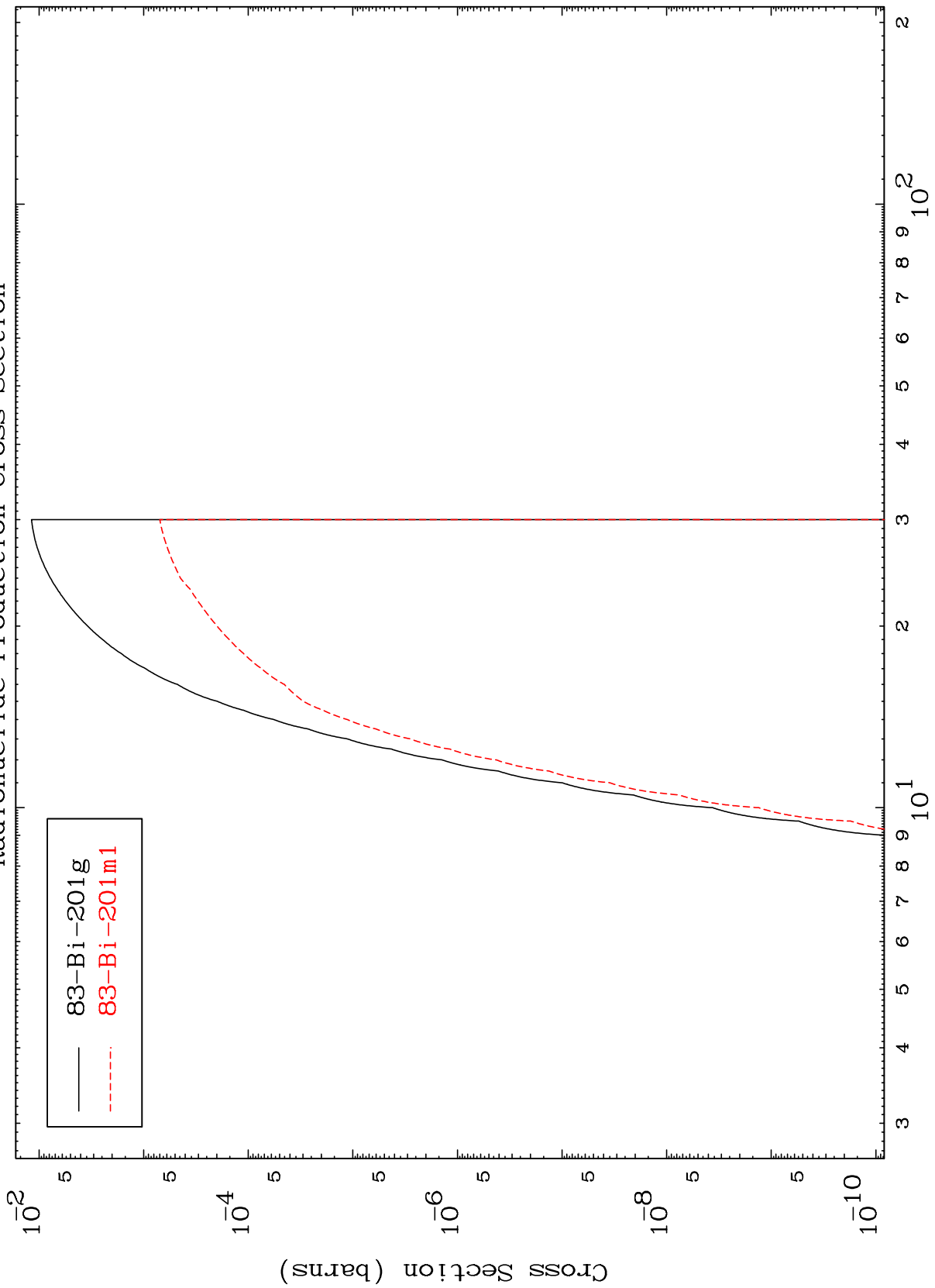
Incident Energy (MeV)

104

MAT 8416

84-Po-203

(n, t)  
Radionuclide Production Cross Section



— 83-Bi-201g  
- - - 83-Bi-201m1

105

Incident Energy (MeV)

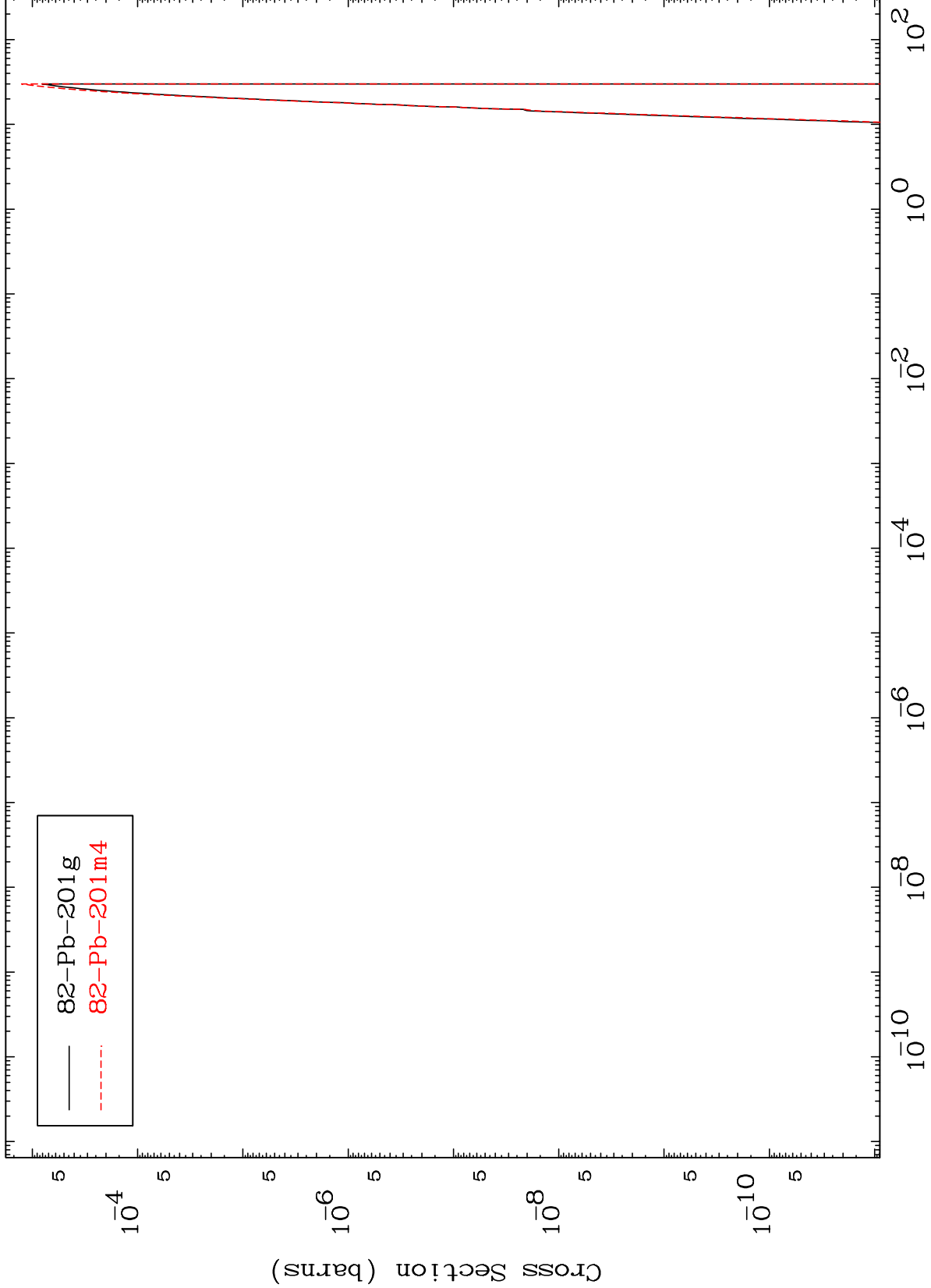
84-Po-203

MAT 8416

(n,He-3)

84-Po-203

Radionuclide Production Cross Section



106

Incident Energy (MeV)

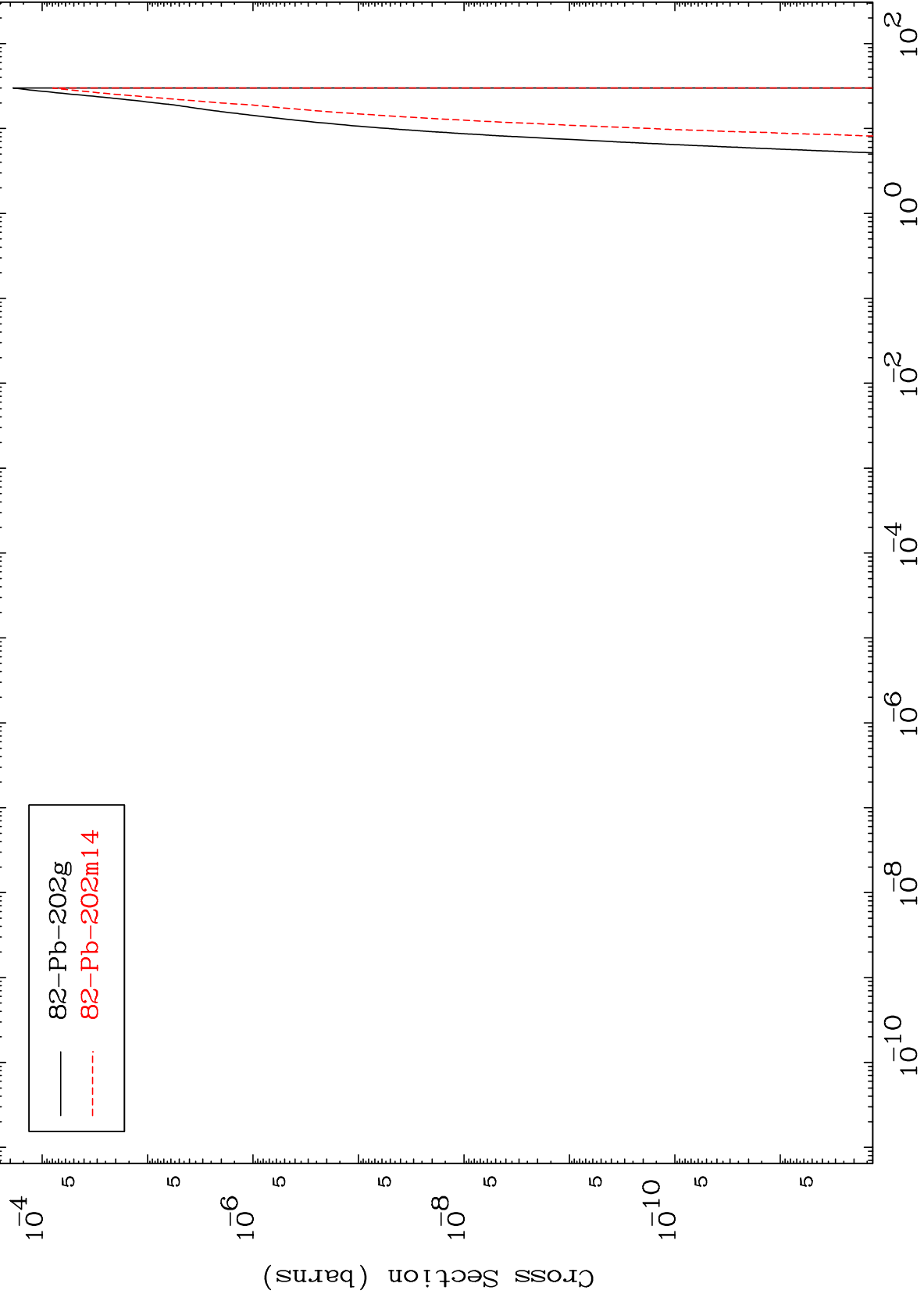
84-Po-203

MAT 8416

(n,2p)

84-Po-203

Radionuclide Production Cross Section



82-Pb-202g  
82-Pb-202m14

107

Incident Energy (MeV)

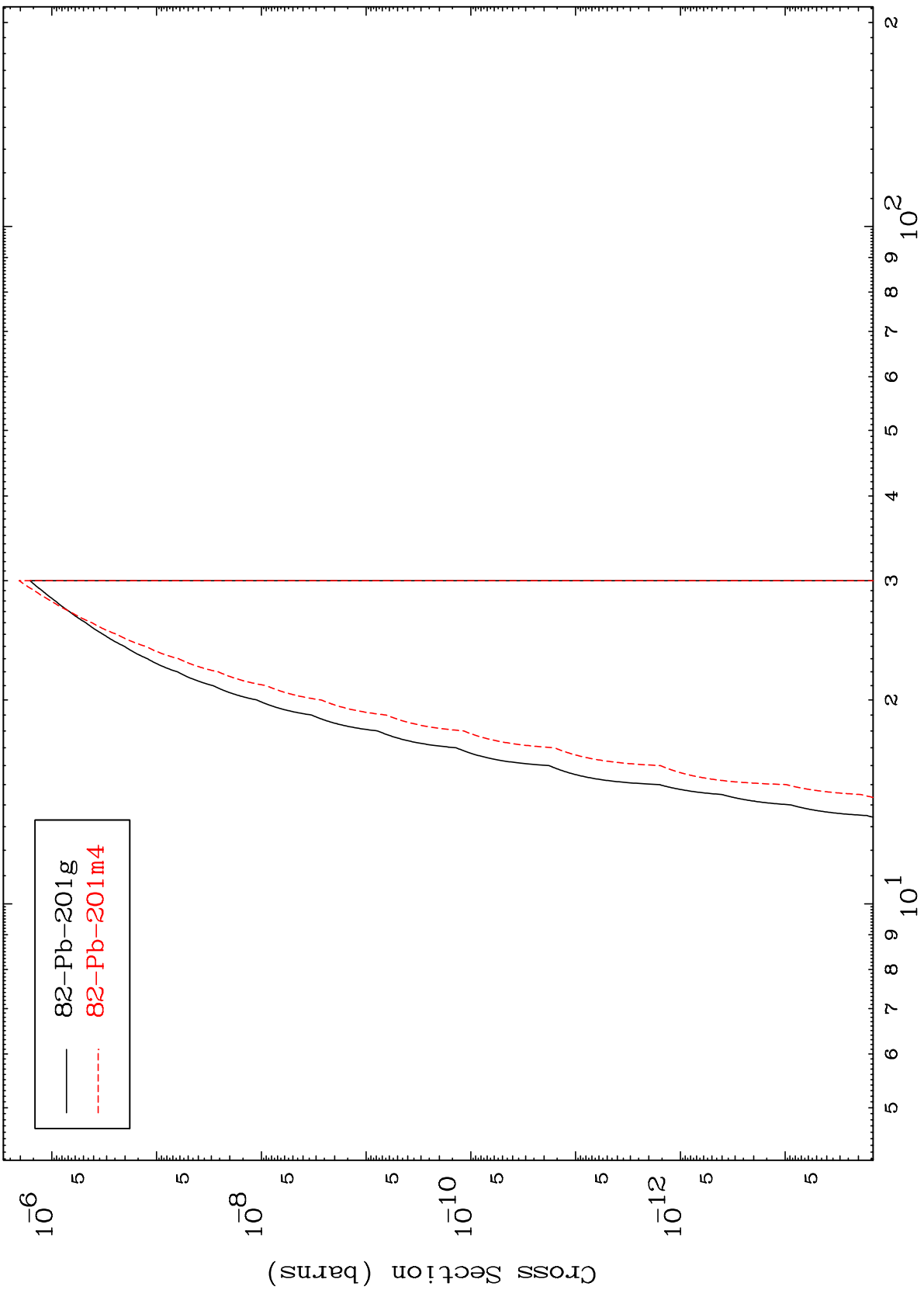
84-Po-203

MAT 8416

(n,p) d

84-Po-203

Radionuclide Production Cross Section



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

108

Incident Energy (MeV)

84-Po-203

MAT 8416

(n,d)  $\alpha$

84-Po-203

Radionuclide Production Cross Section

