

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

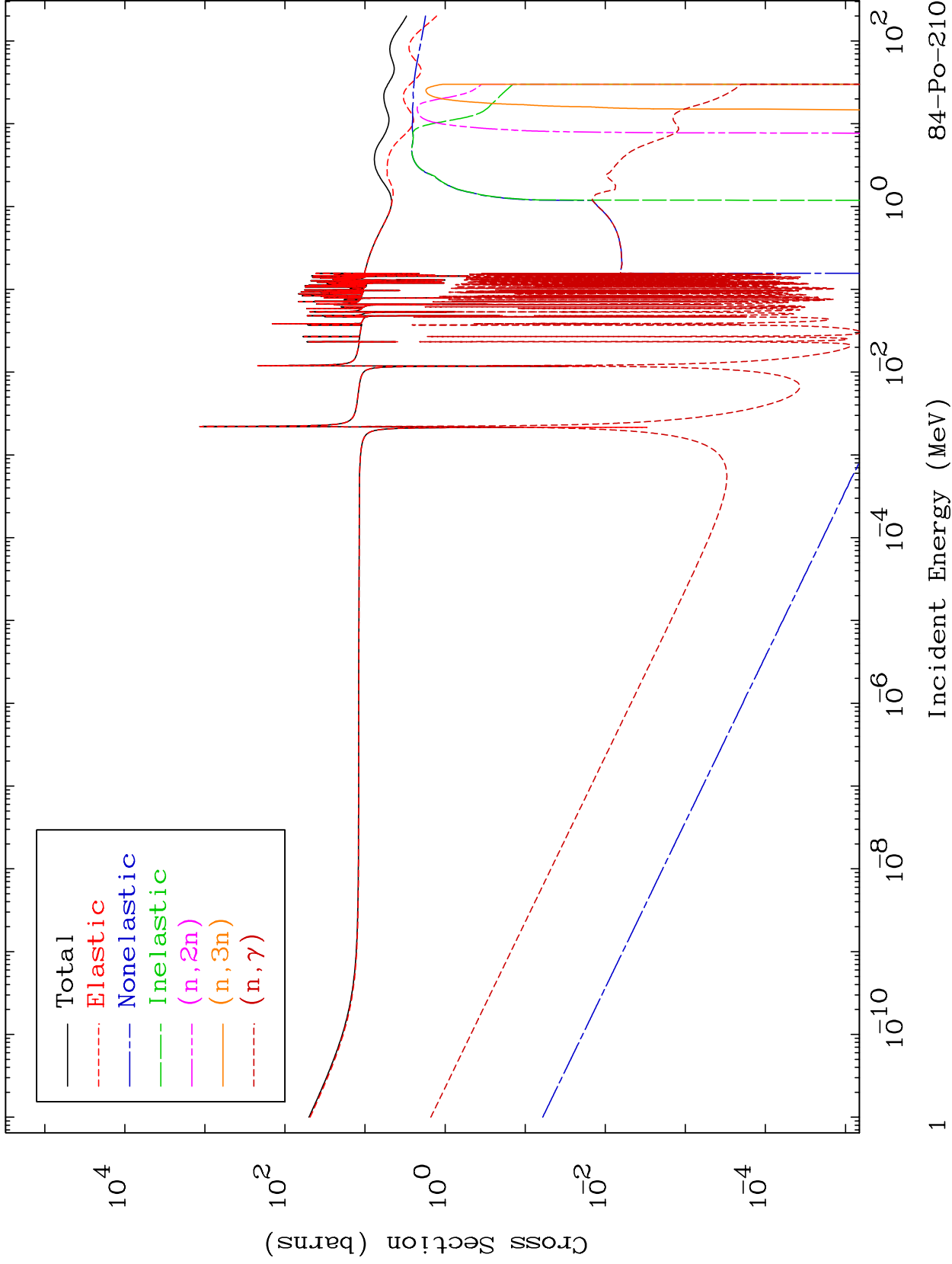
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8437

Neutron Major  
293 Kelvin Cross Sections

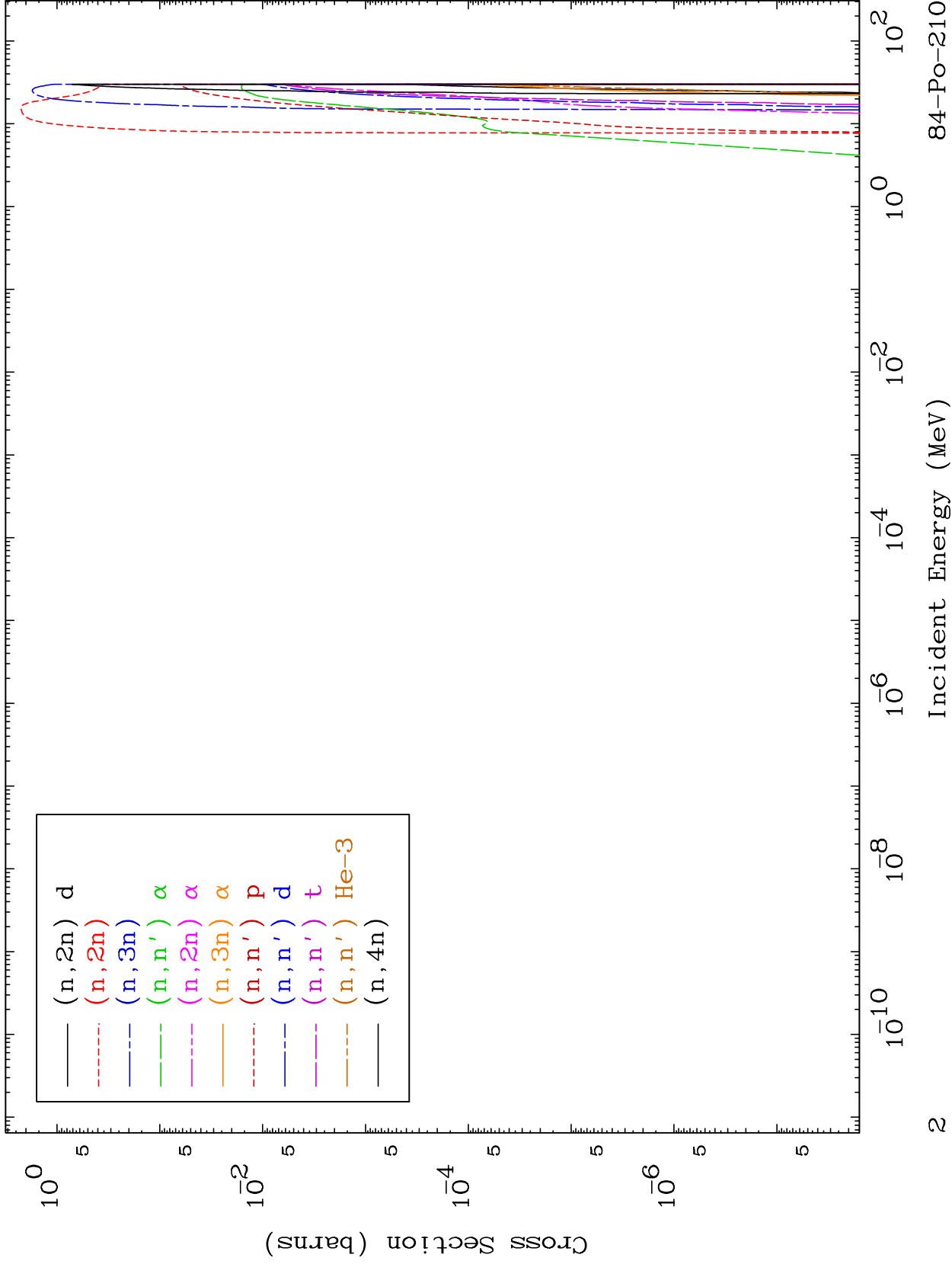
84-Po-210



MAT 8437

Neutron Absorption  
293 Kelvin Cross Sections

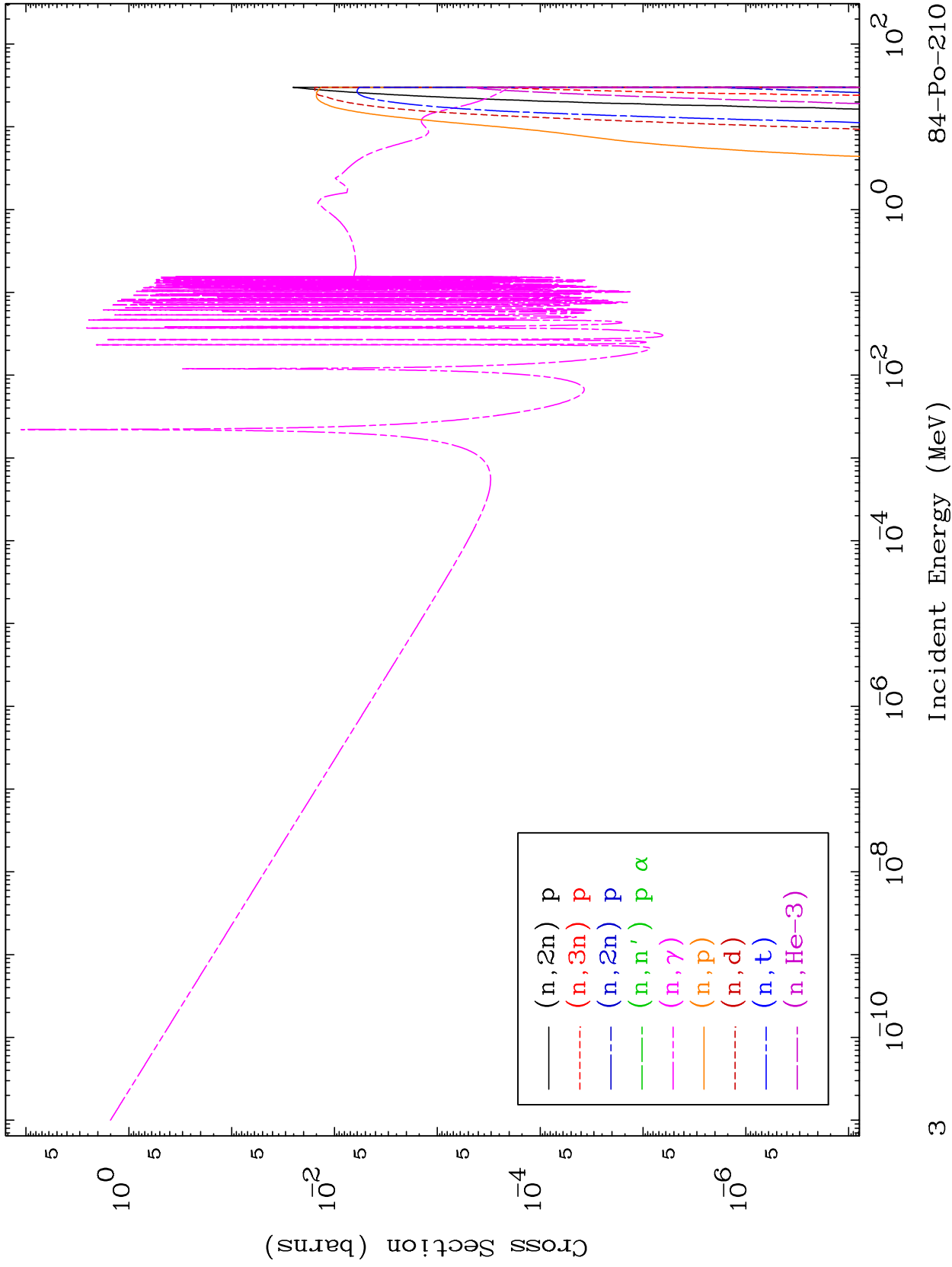
84-Po-210



MAT 8437

Neutron Absorption  
293 Kelvin Cross Sections

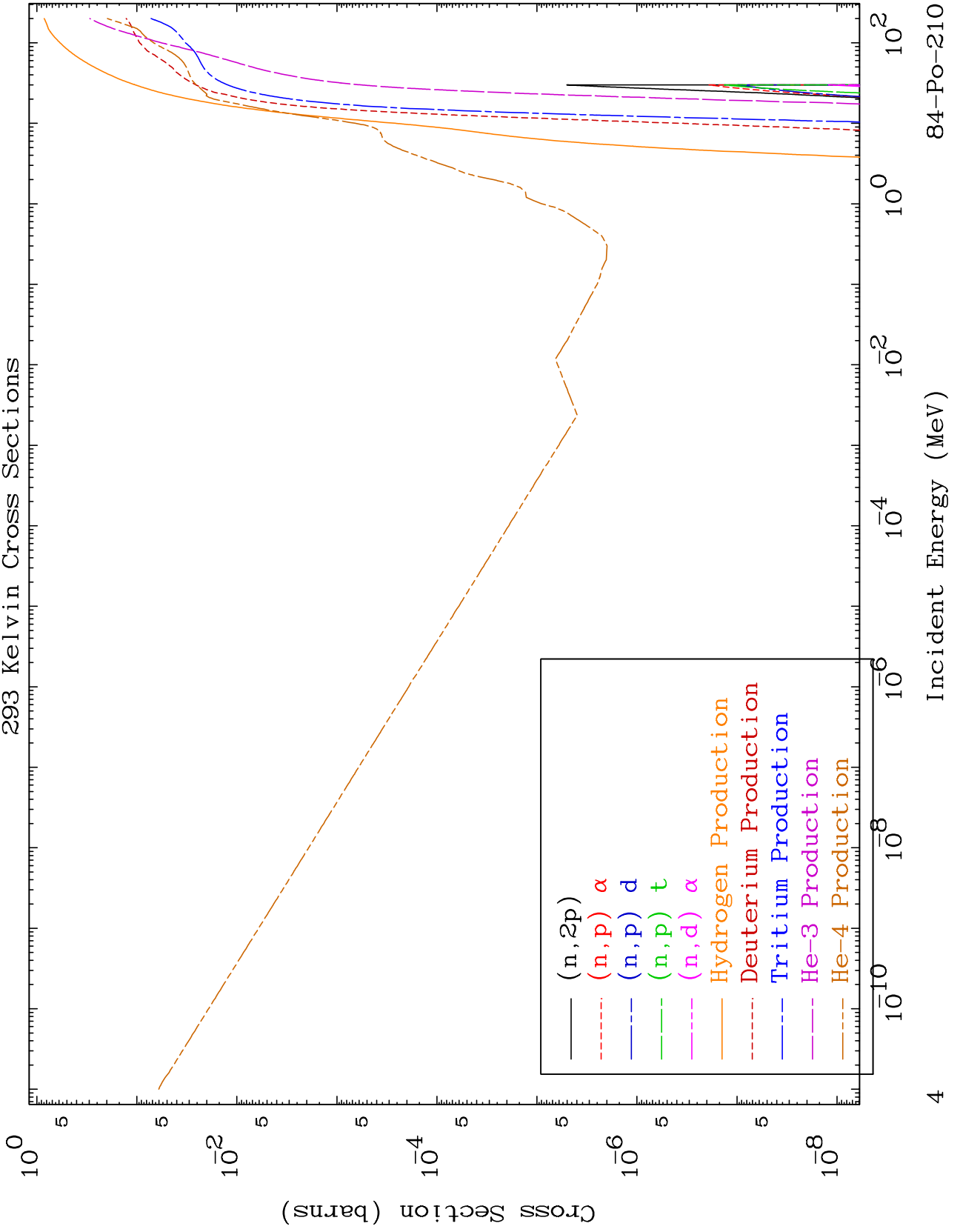
84-Po-210

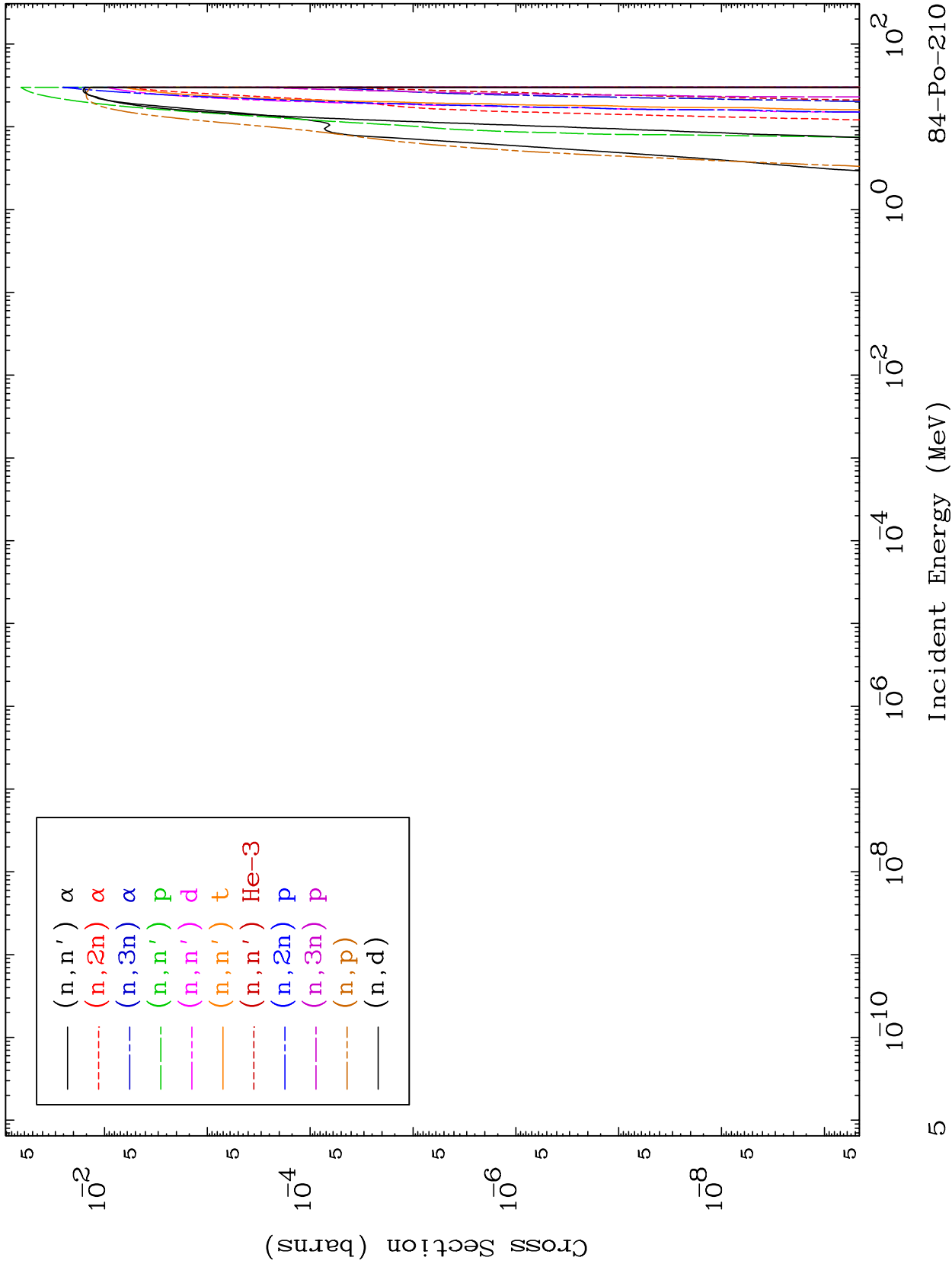


MAT 8437

Neutron Absorption  
293 Kelvin Cross Sections

84-Po-210

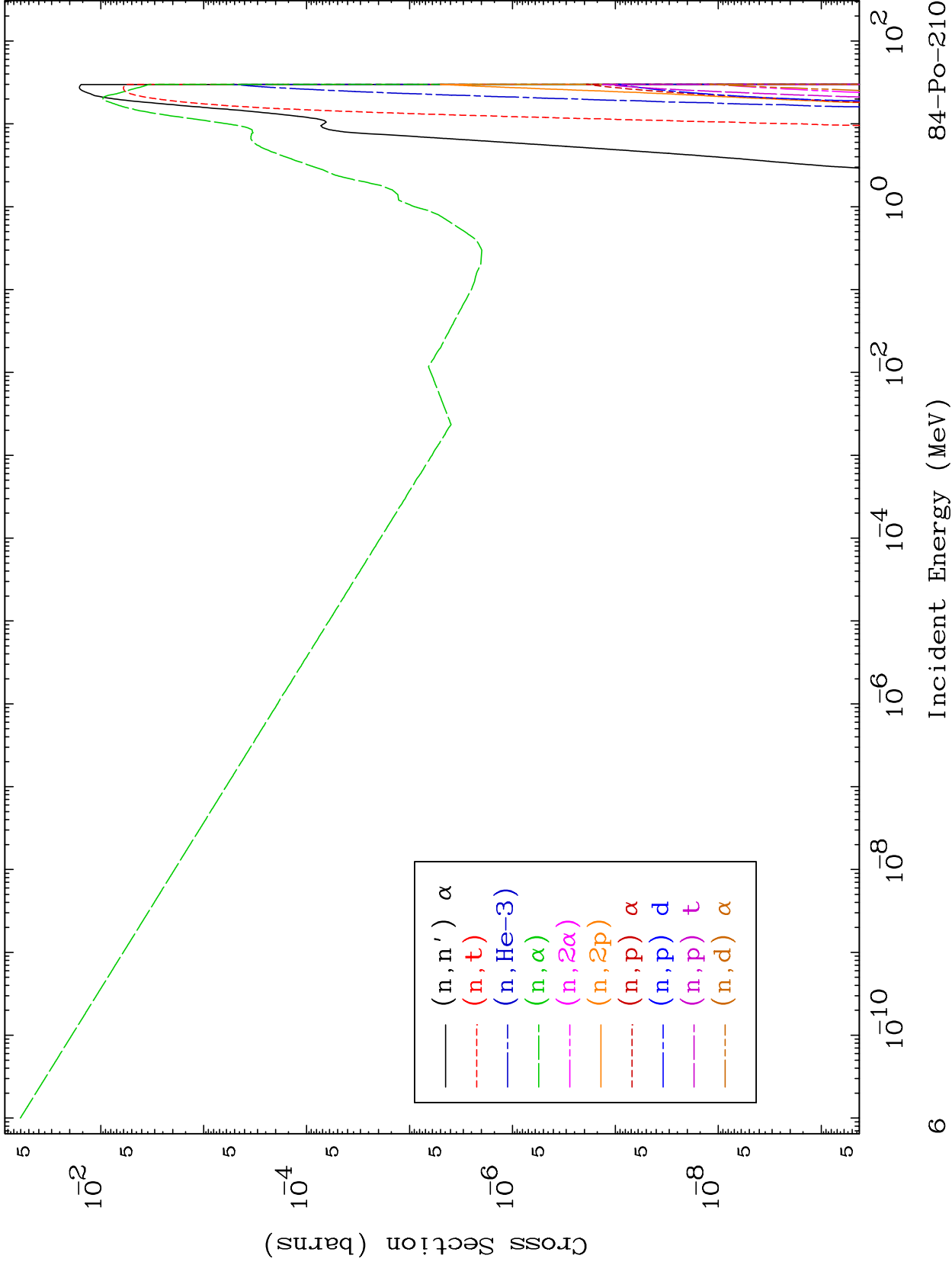




MAT 8437

Charged Particle  
293 Kelvin Cross Sections

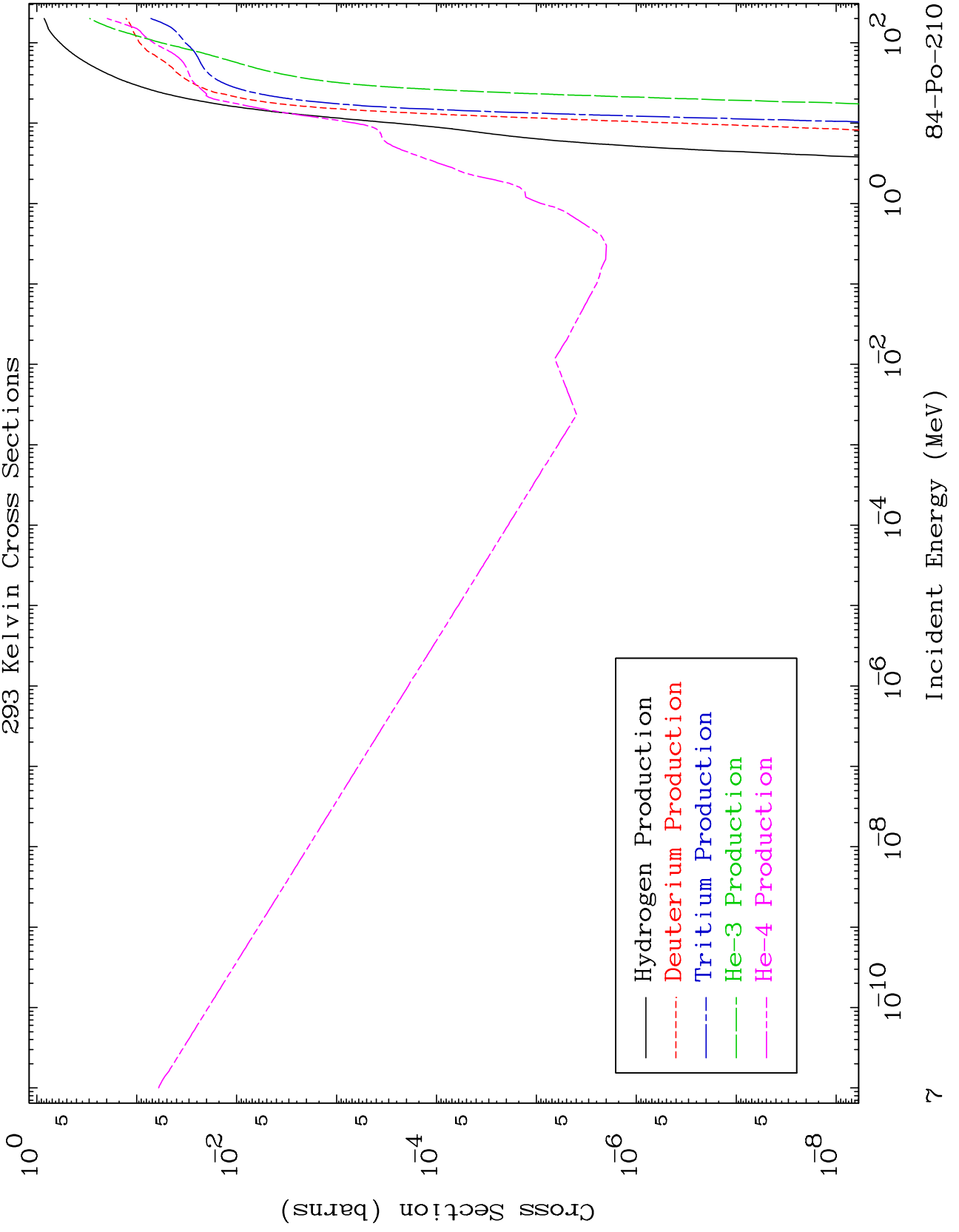
84-Po-210



MAT 8437

Particle Production  
293 Kelvin Cross Sections

84-Po-210

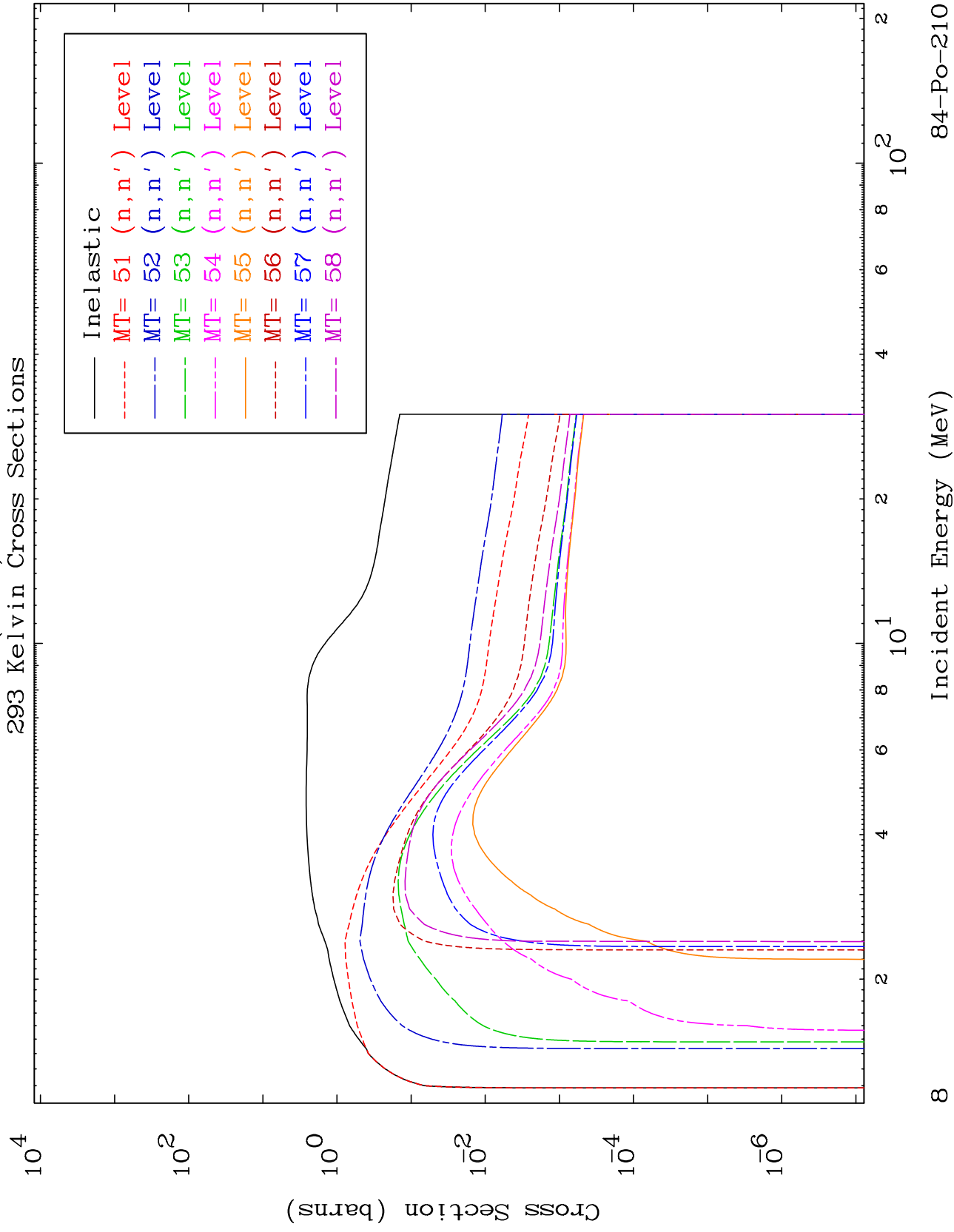




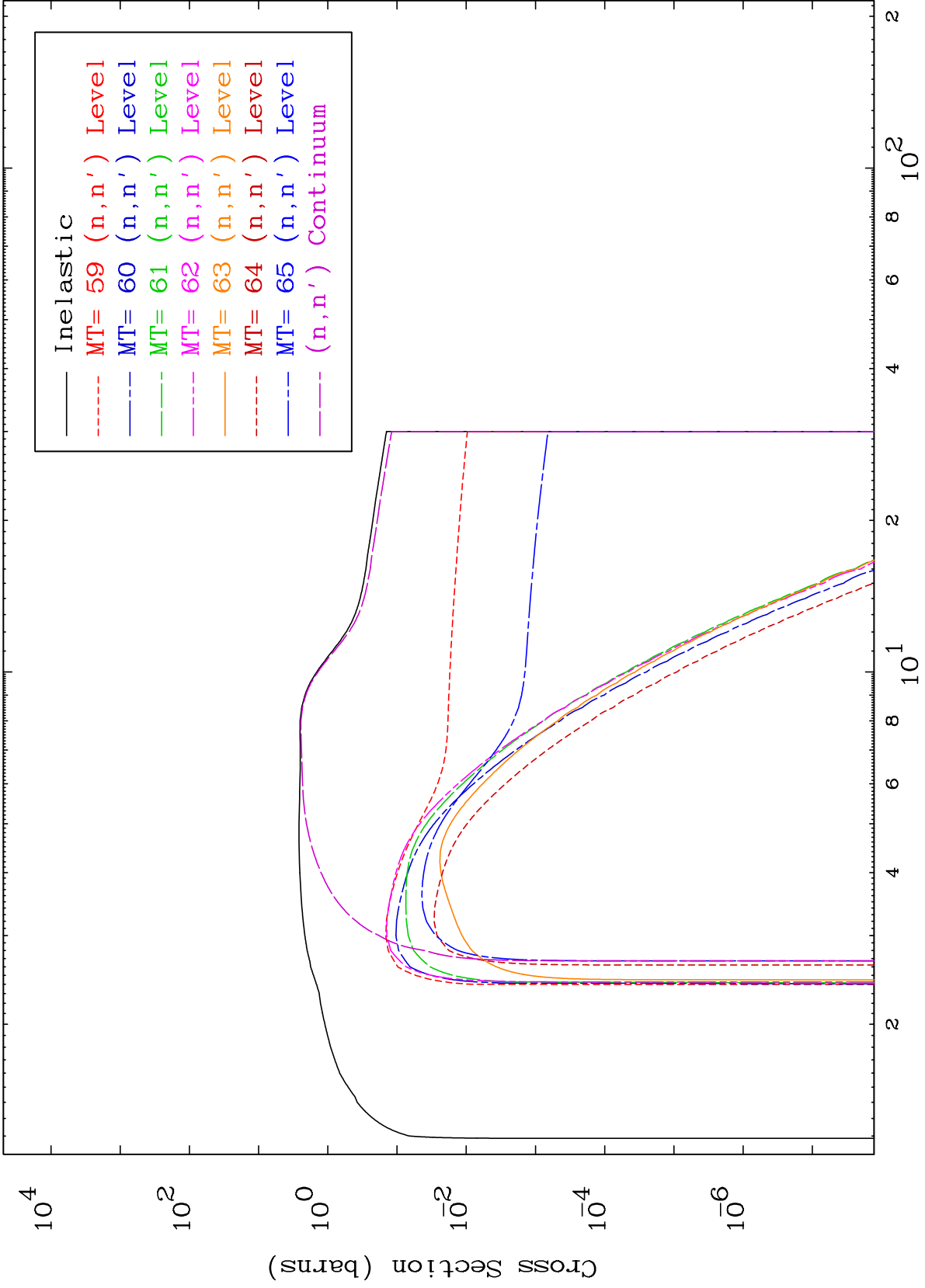
MAT 8437

(n,n') Levels

84-Po-210



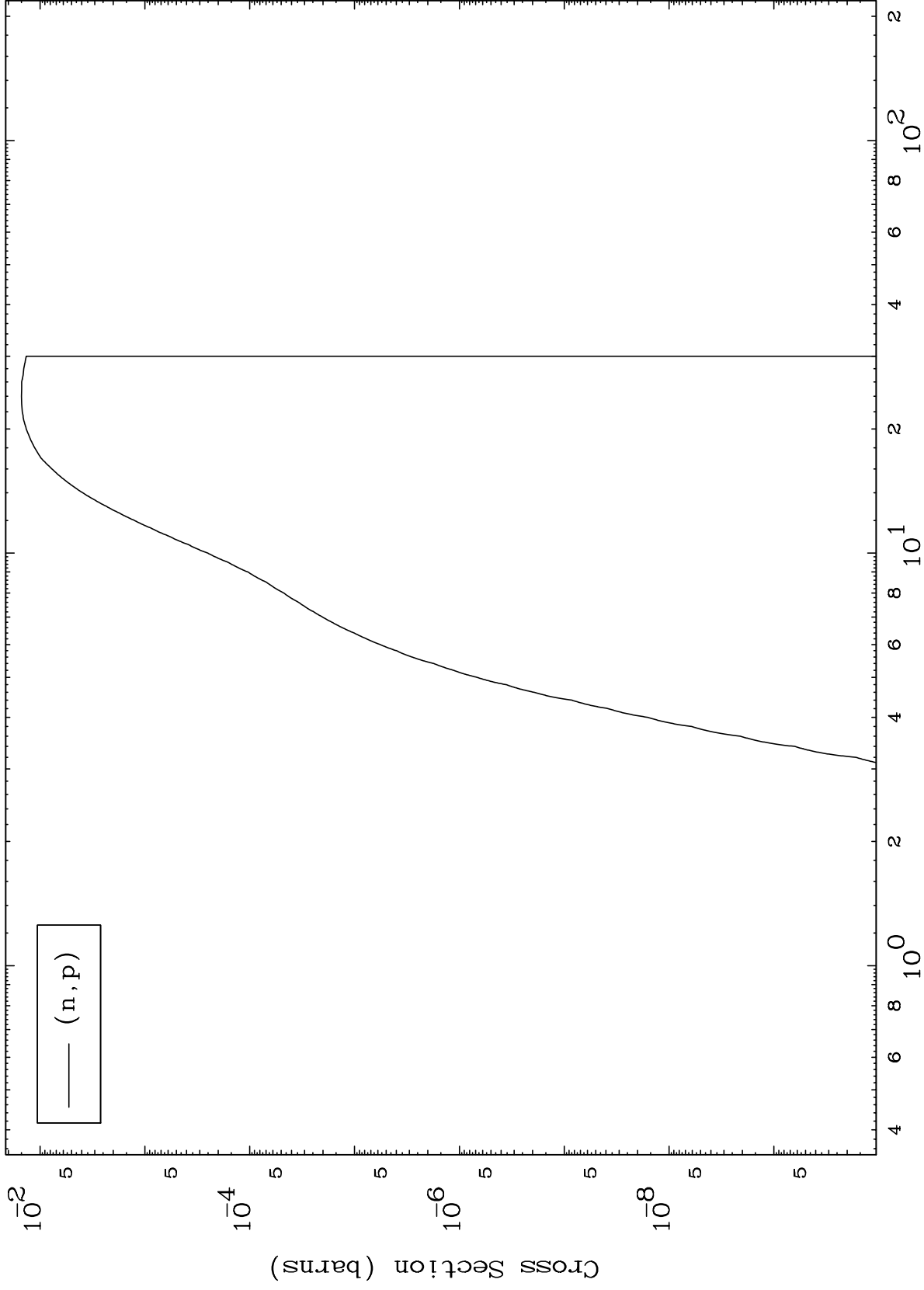
293 Kelvin Cross Sections



MAT 8437

(n,p) Levels  
293 Kelvin Cross Sections

84-Po-210



10

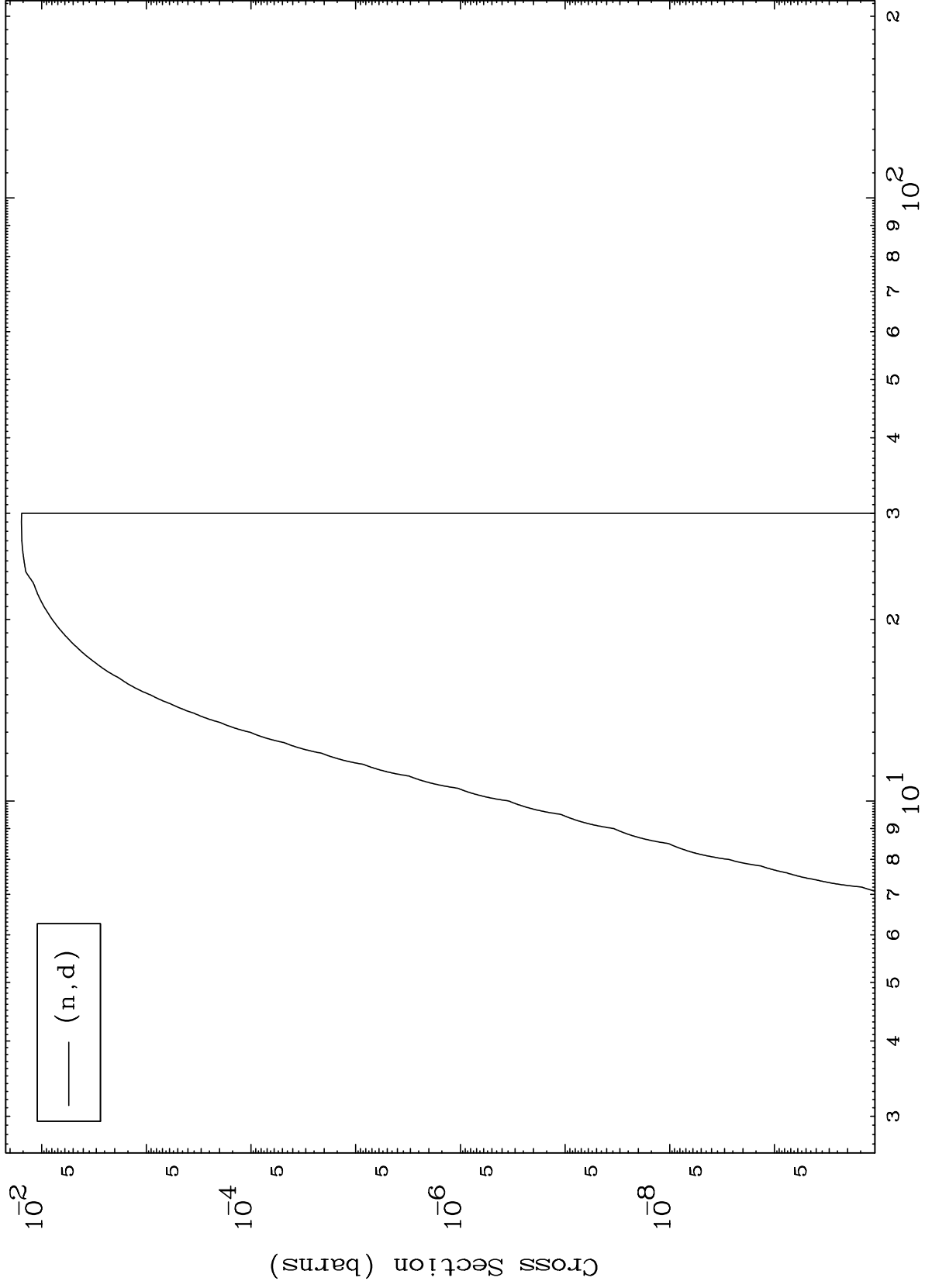
Incident Energy (MeV)

84-Po-210

MAT 8437

(n,d) Levels  
293 Kelvin Cross Sections

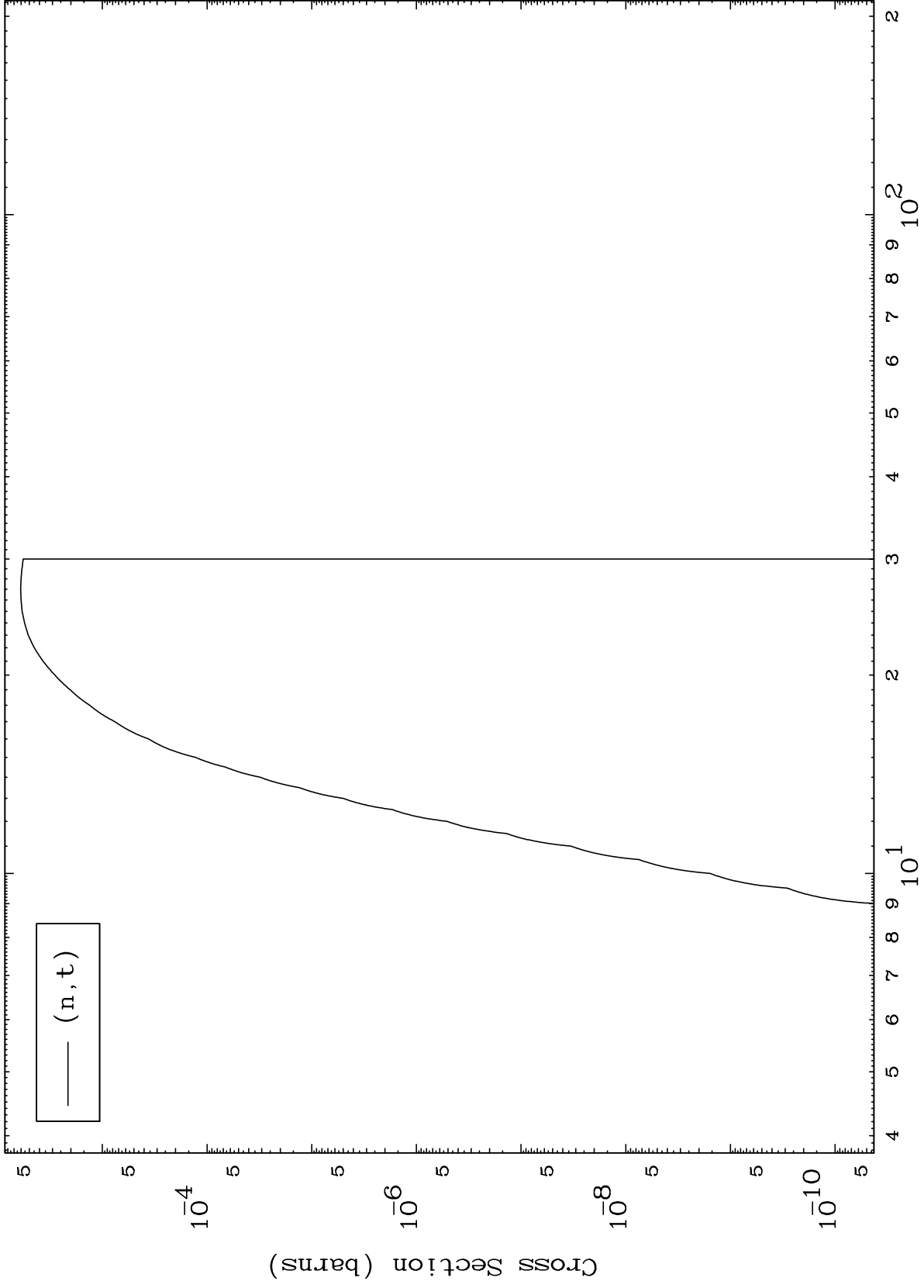
84-Po-210



MAT 8437

(n,t) Levels  
293 Kelvin Cross Sections

84-Po-210



12

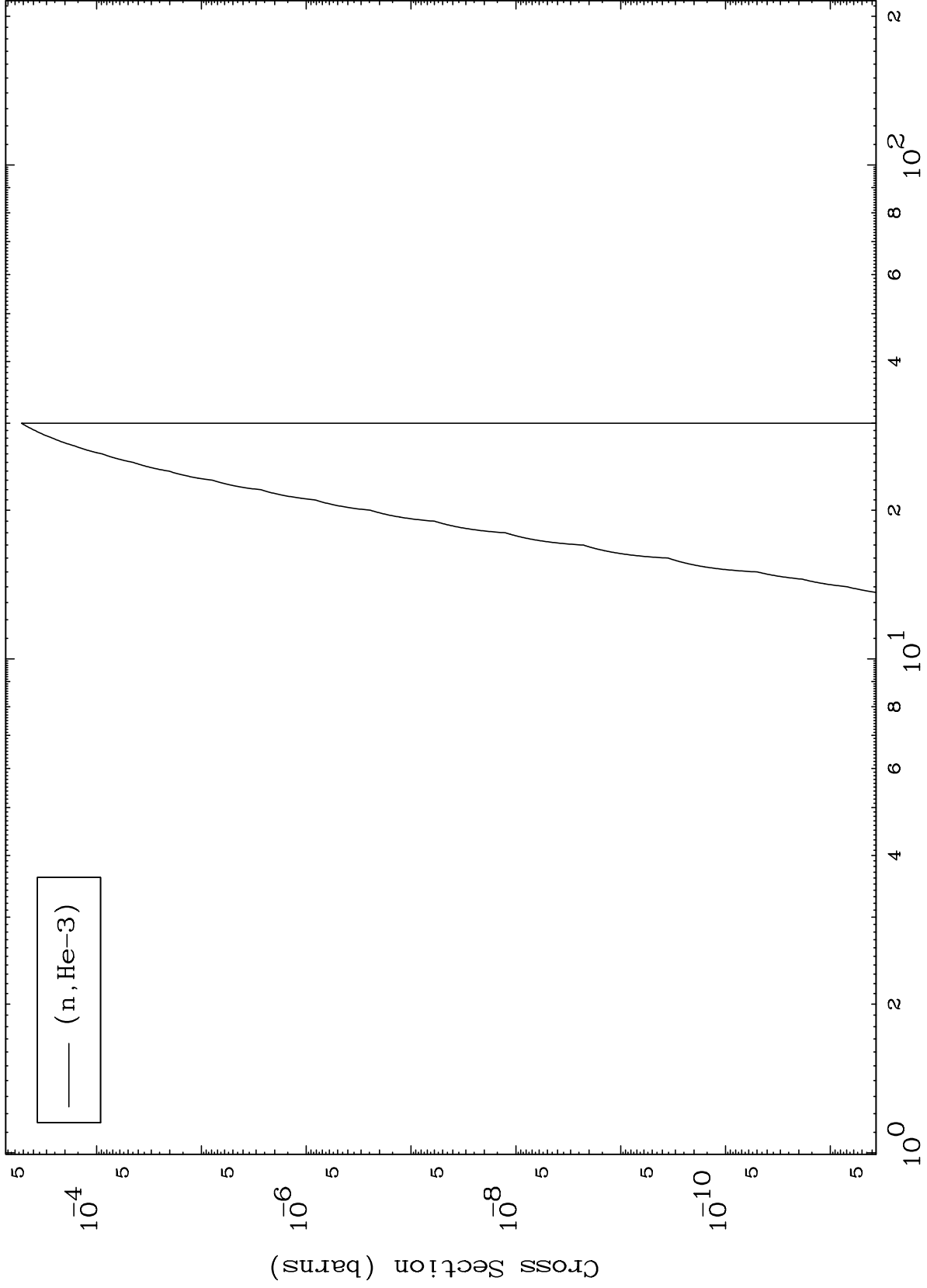
Incident Energy (MeV)

84-Po-210

MAT 8437

(n,He3) Levels  
293 Kelvin Cross Sections

84-Po-210



13

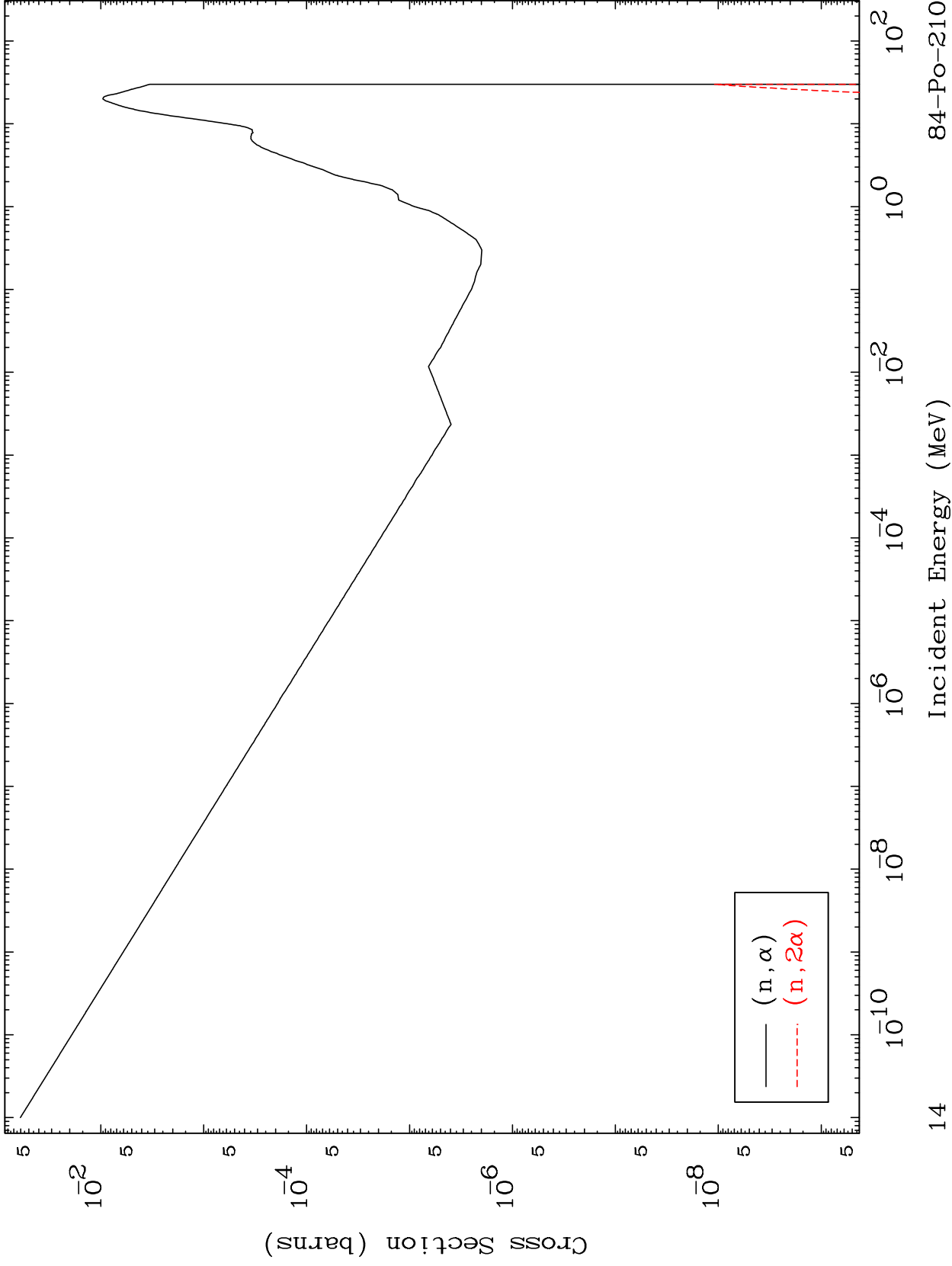
Incident Energy (MeV)

84-Po-210

MAT 8437

(n,α) Levels  
293 Kelvin Cross Sections

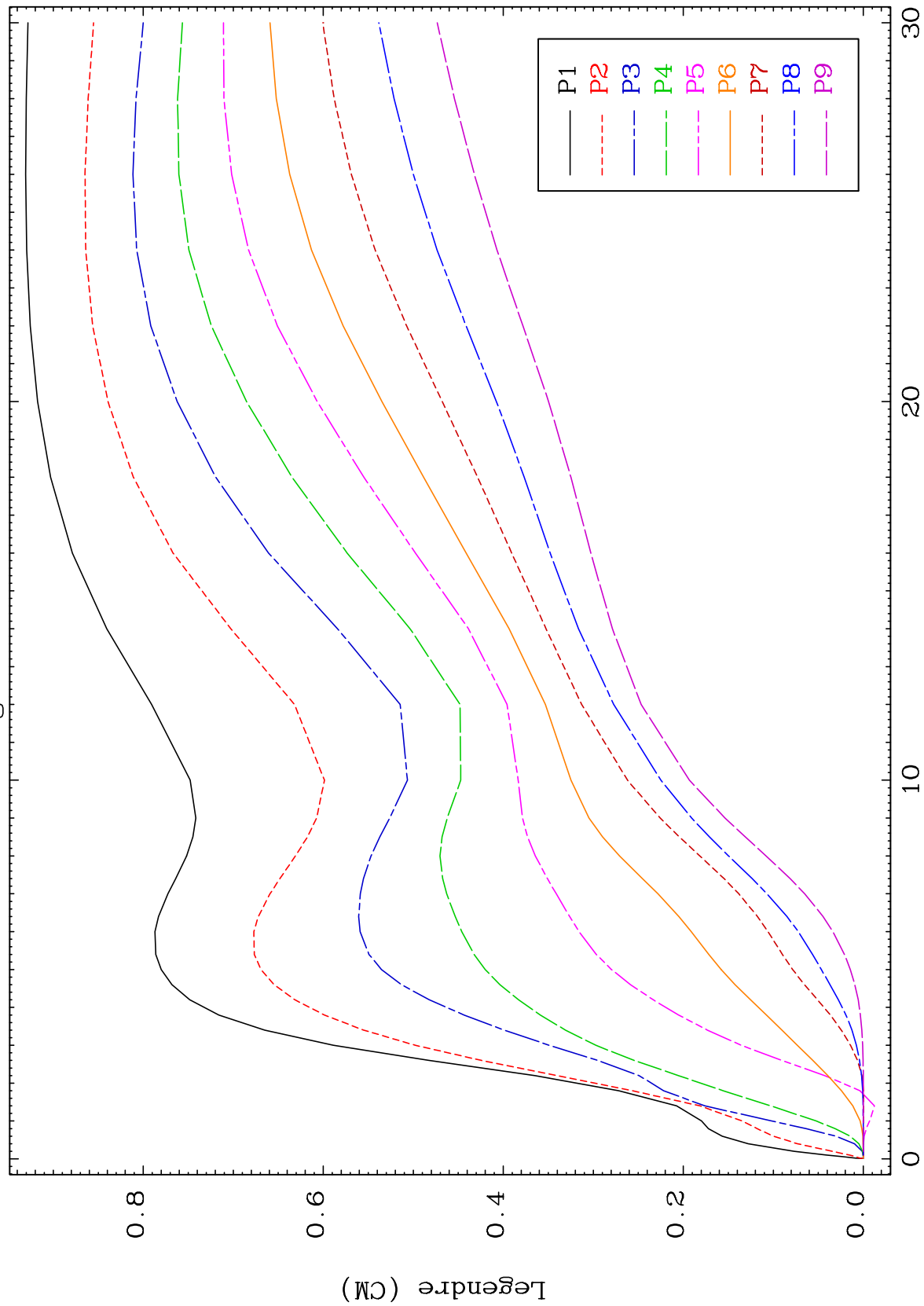
84-Po-210



MAT 8437

Elastic Legendre Coefficients

84-Po-210



15

Incident Energy (MeV)

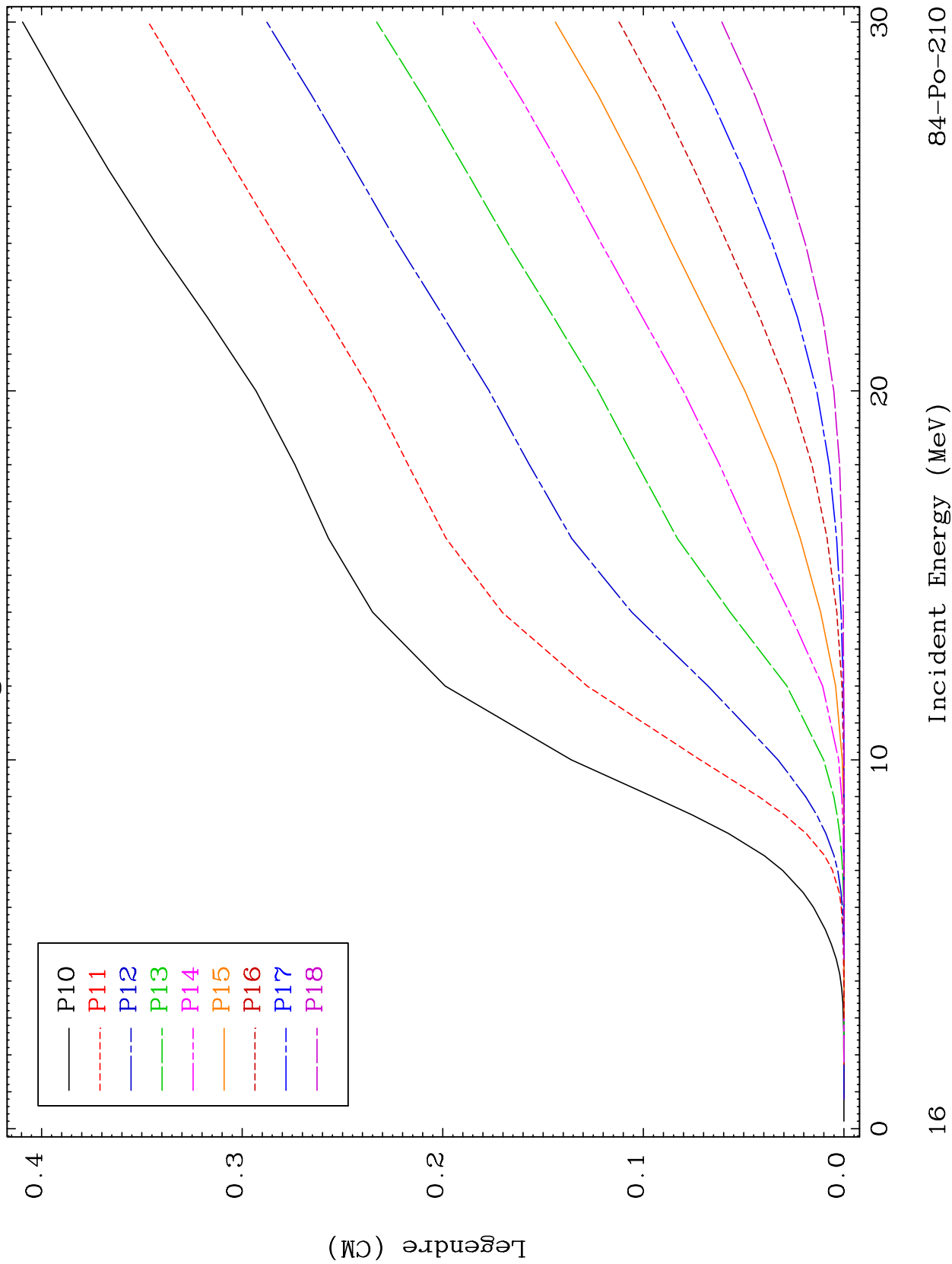
84-Po-210



MAT 8437

Elastic Legendre Coefficients

84-Po-210

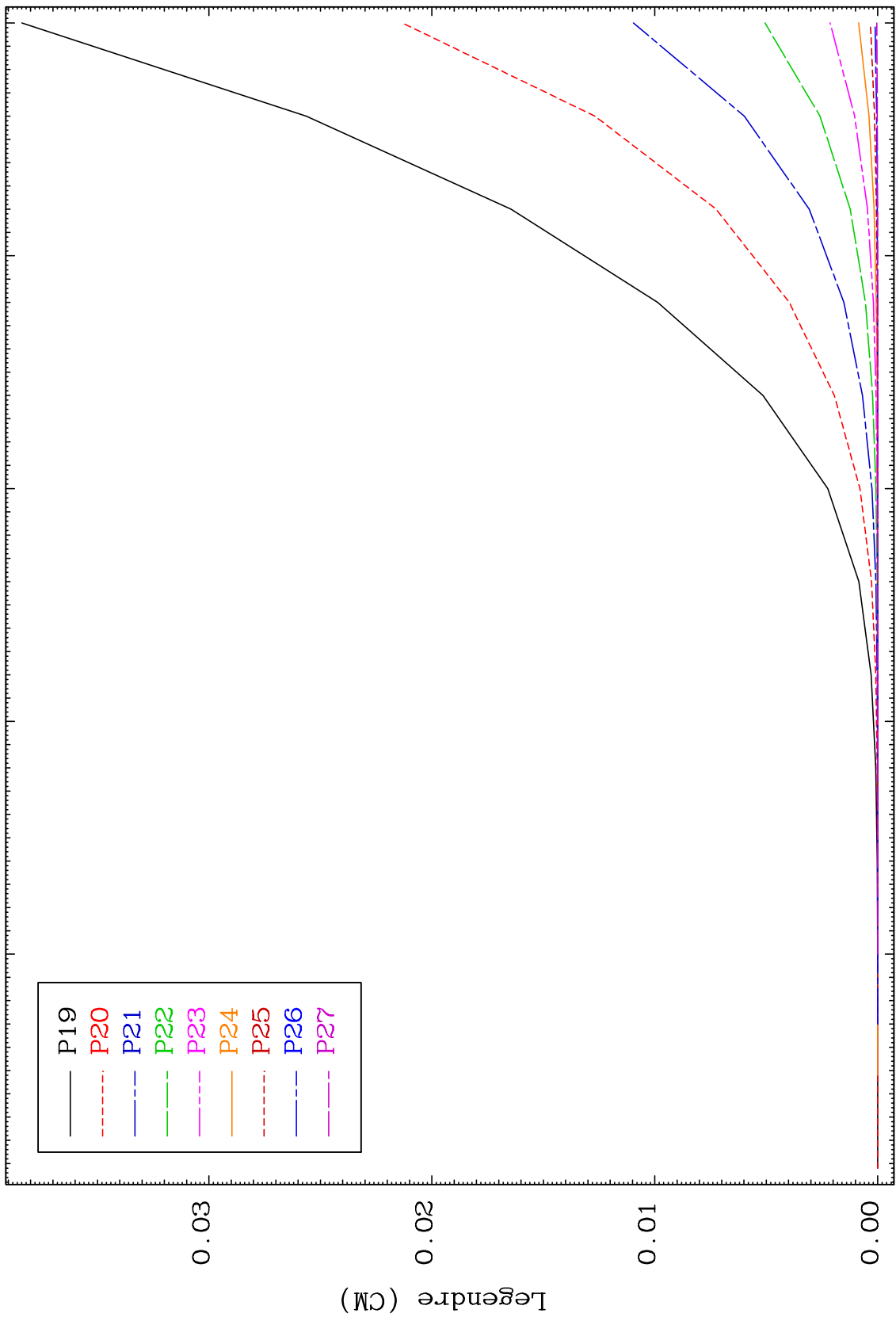


16

MAT 8437

Elastic Legendre Coefficients

84-Po-210



17

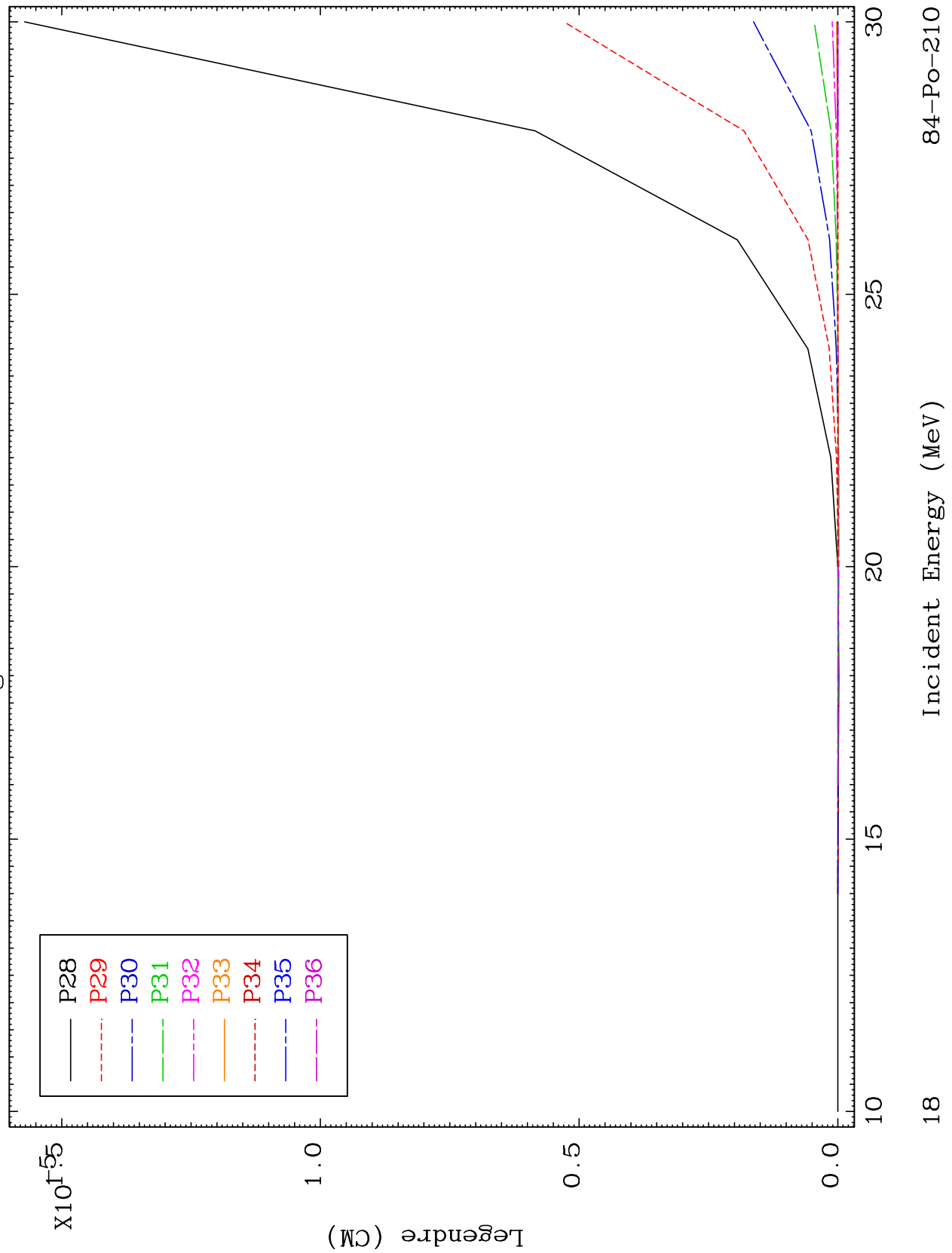
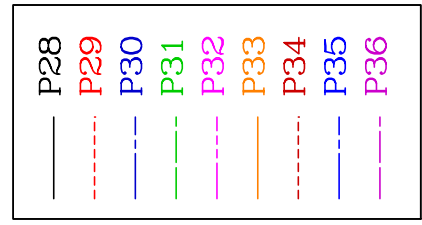
Incident Energy (MeV)

84-Po-210

MAT 8437

Elastic Legendre Coefficients

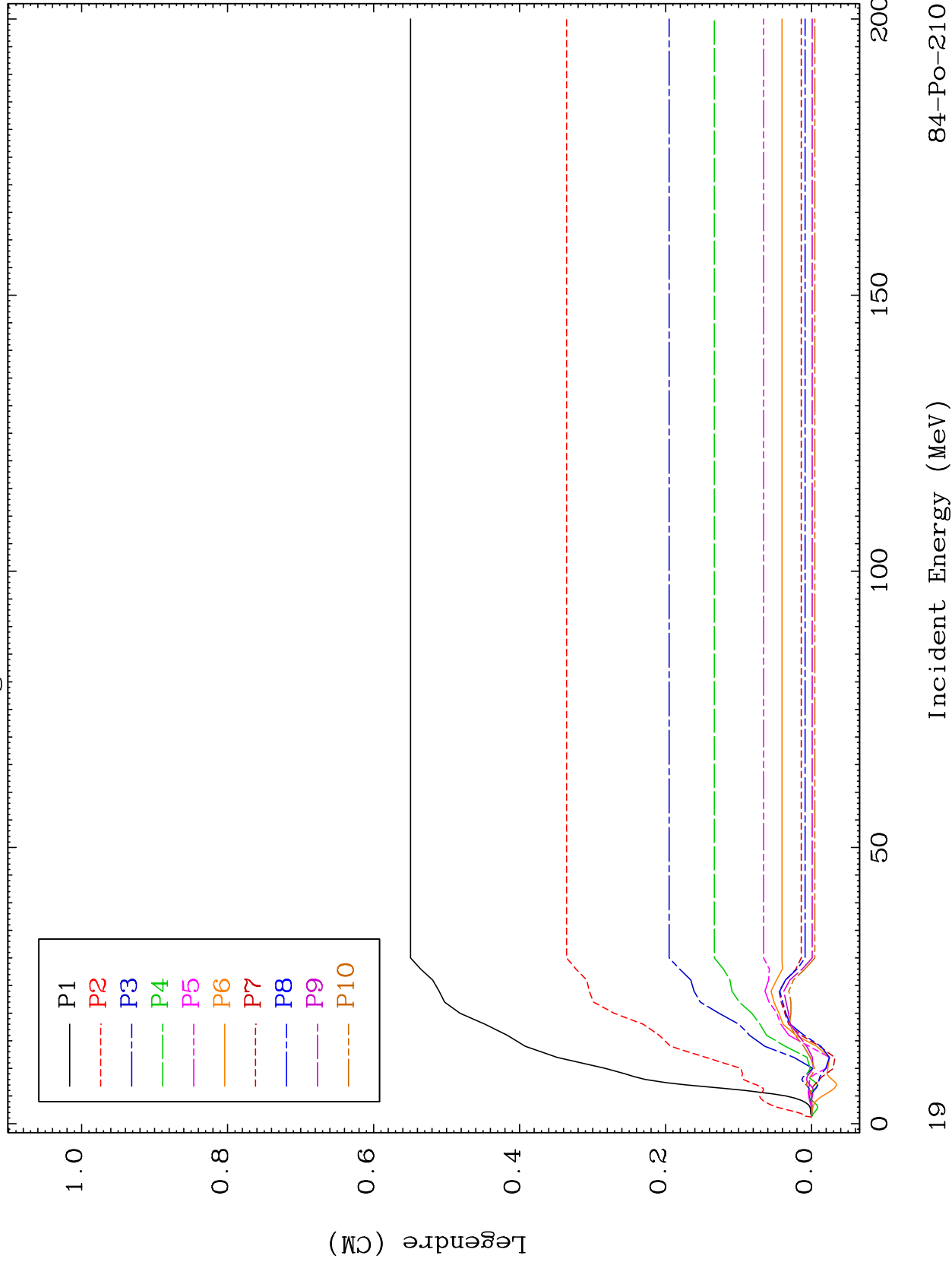
84-Po-210



MAT 8437

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

84-Po-210



19

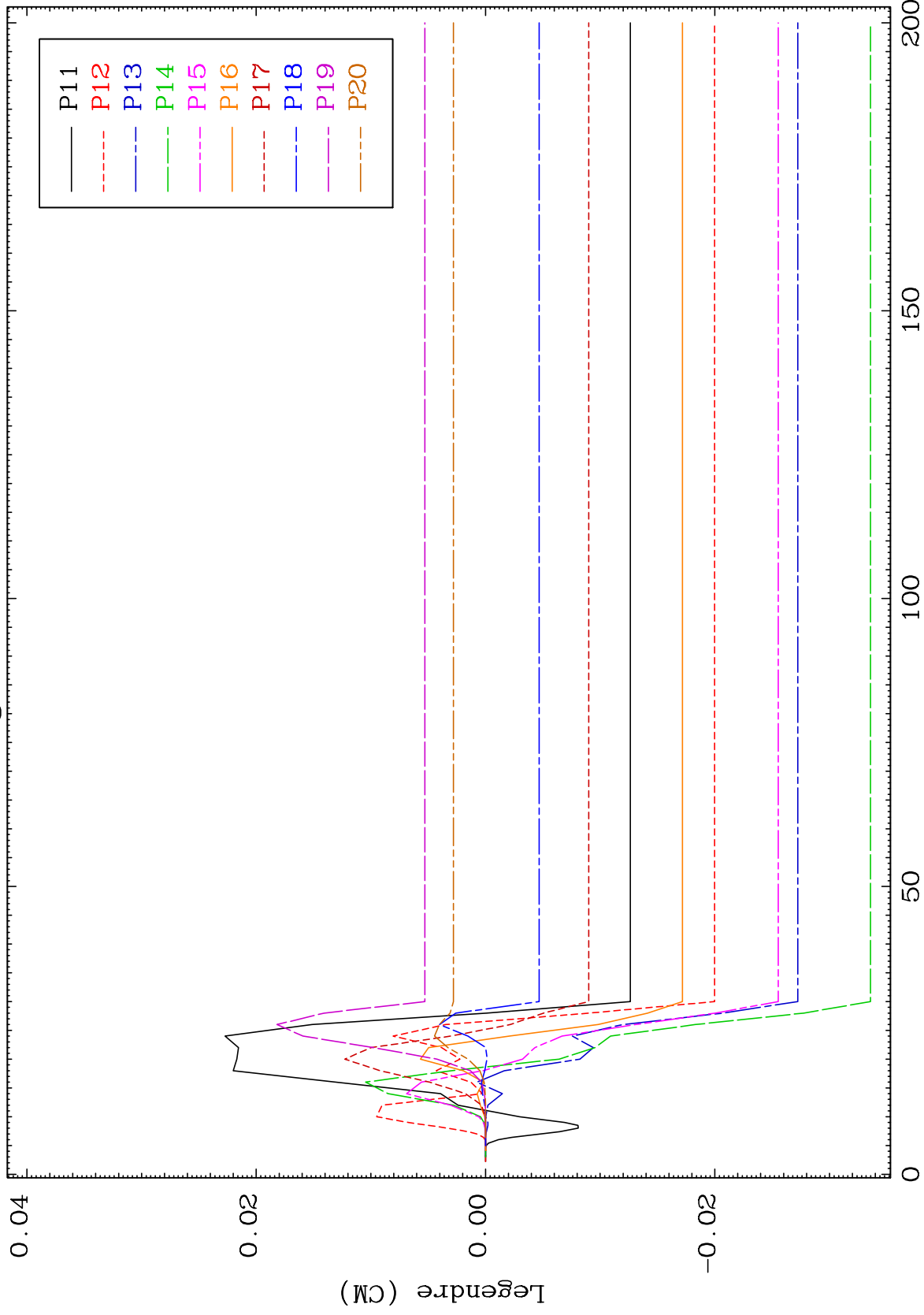
Incident Energy (MeV)

84-Po-210

MAT 8437

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

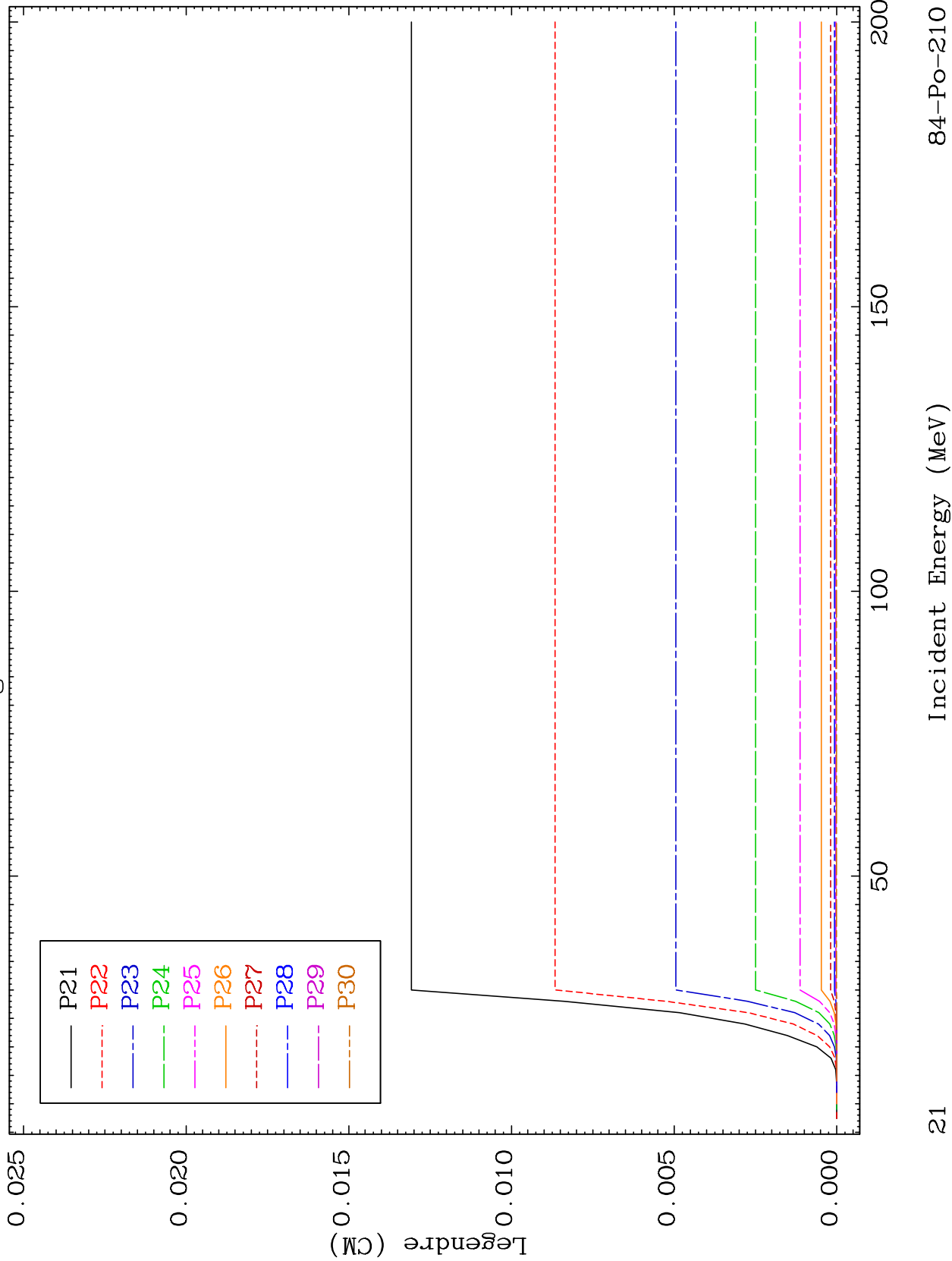
84-Po-210



20

Incident Energy (MeV)

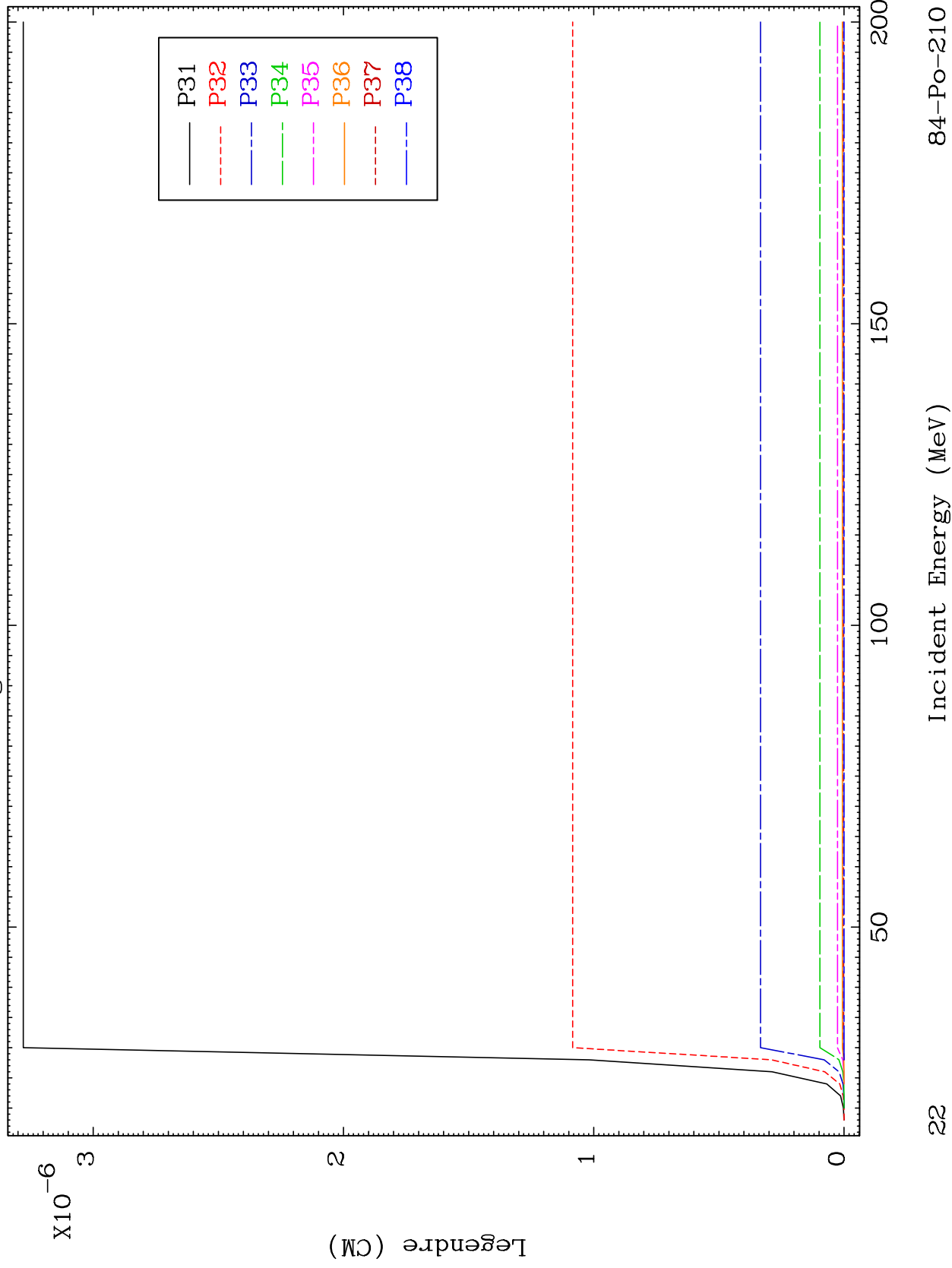
84-Po-210



MAT 8437

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

84-Po-210



22

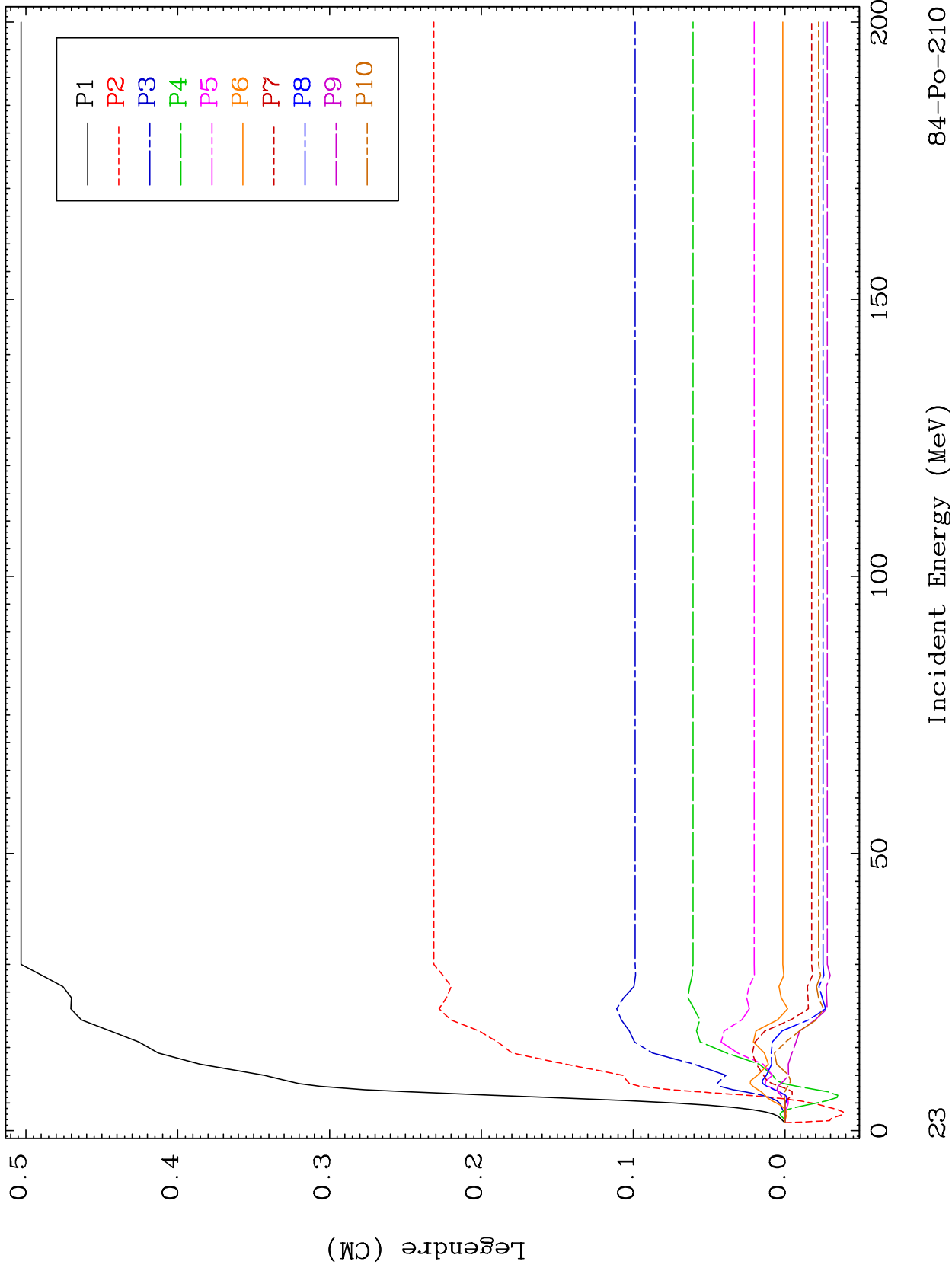
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



23

Incident Energy (MeV)

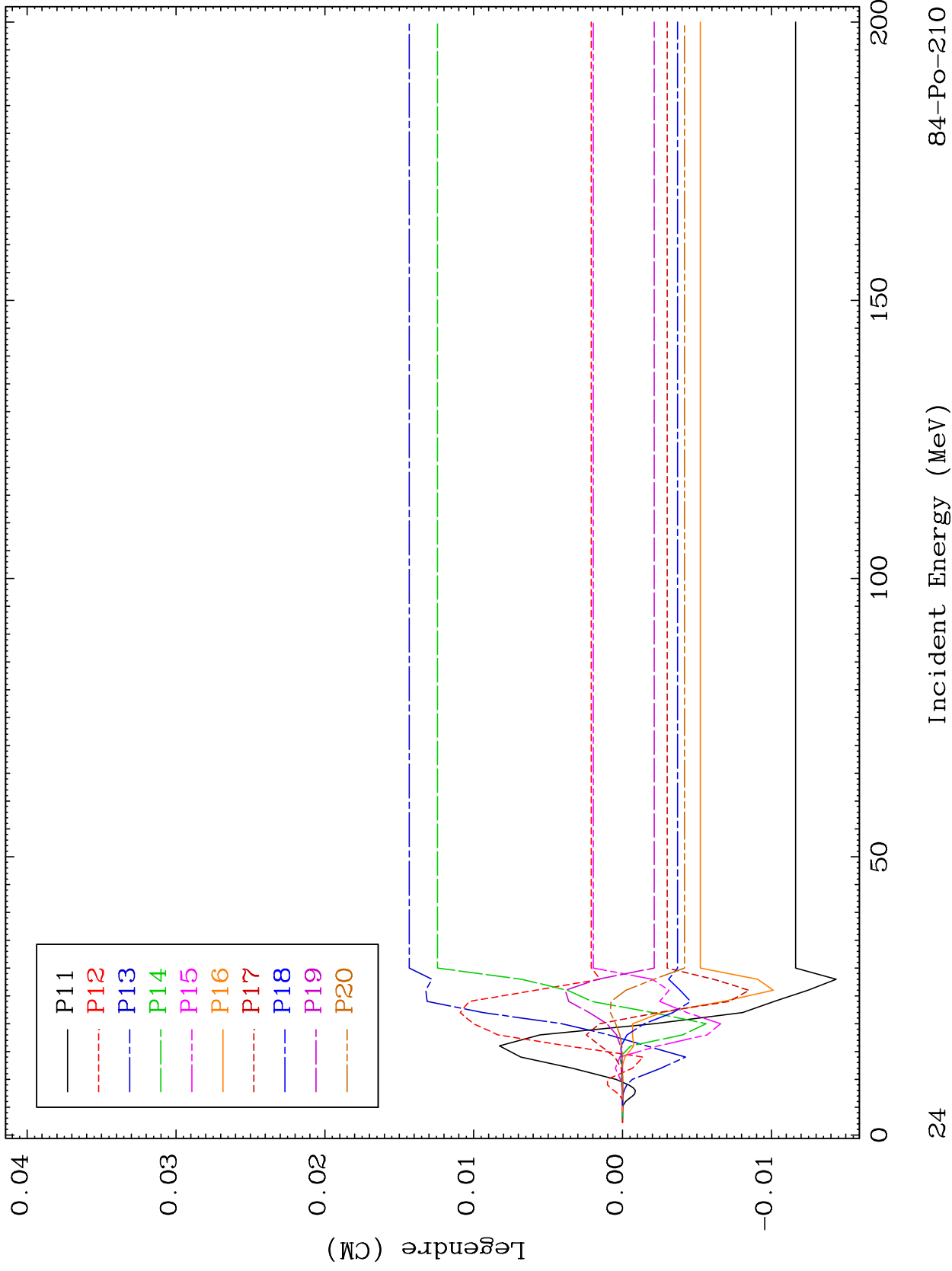
84-Po-210



MAT 8437

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

84-Po-210



24

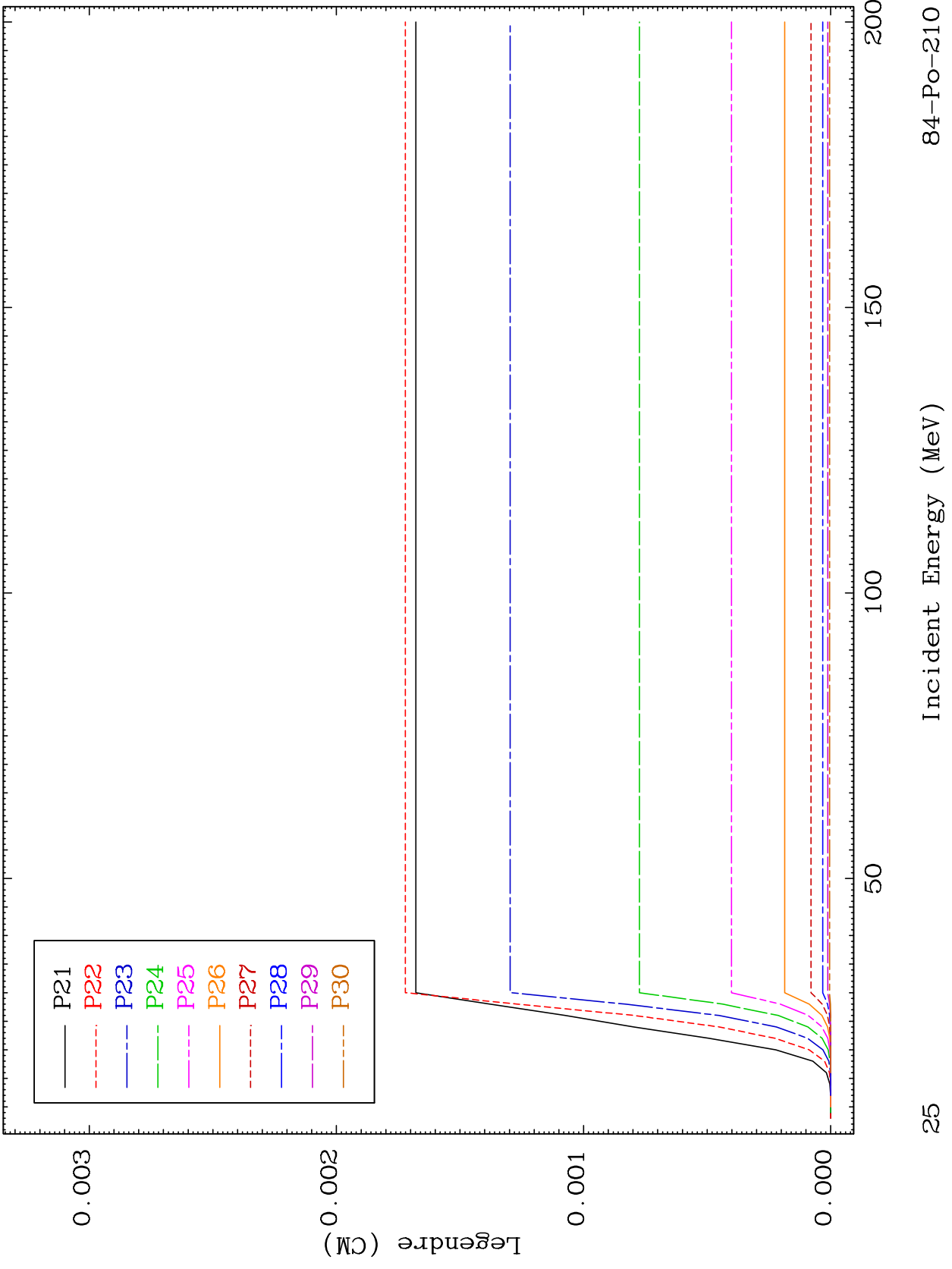
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



25

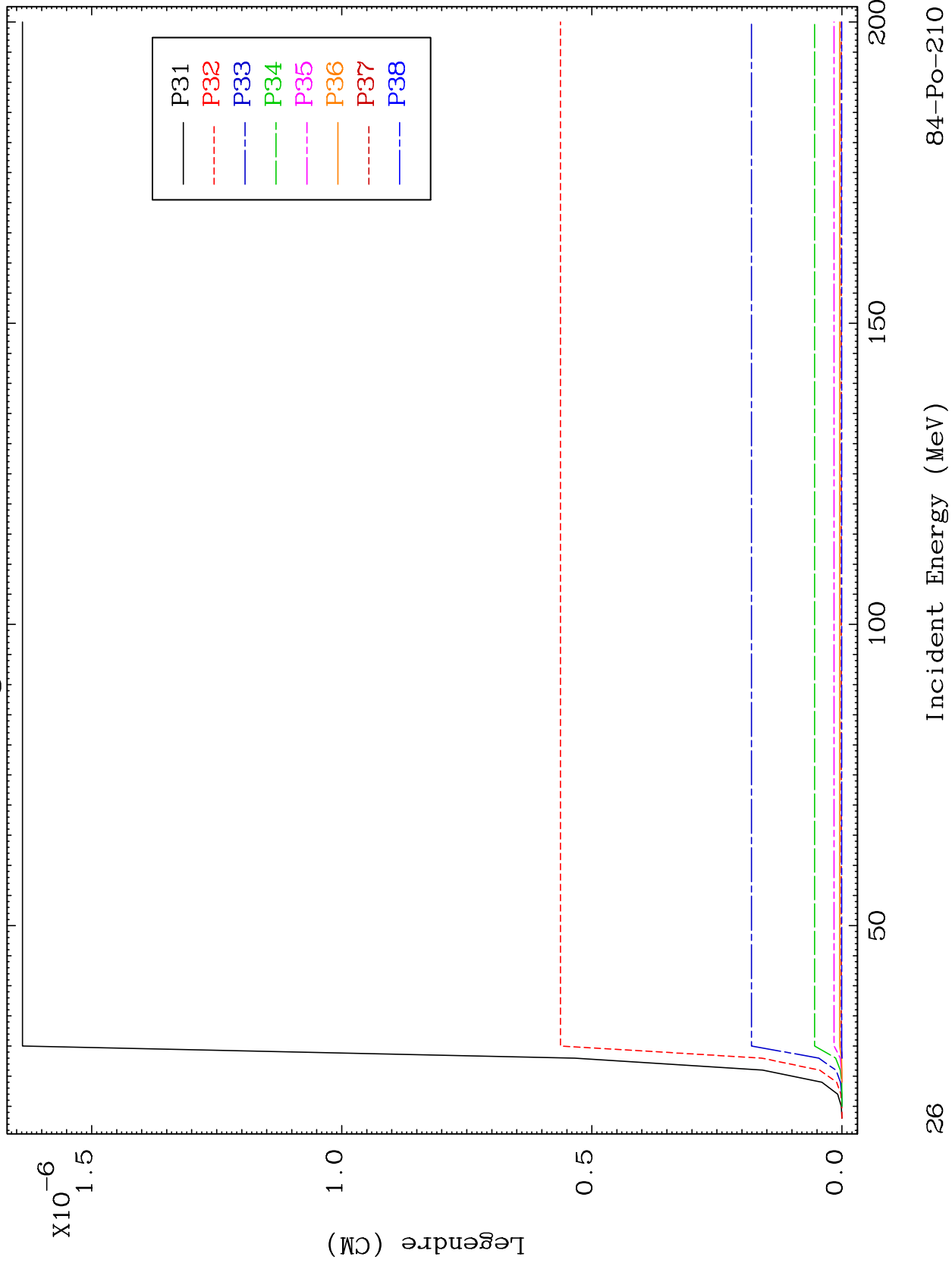
Incident Energy (MeV)

84-Po-210

MAT 8437

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

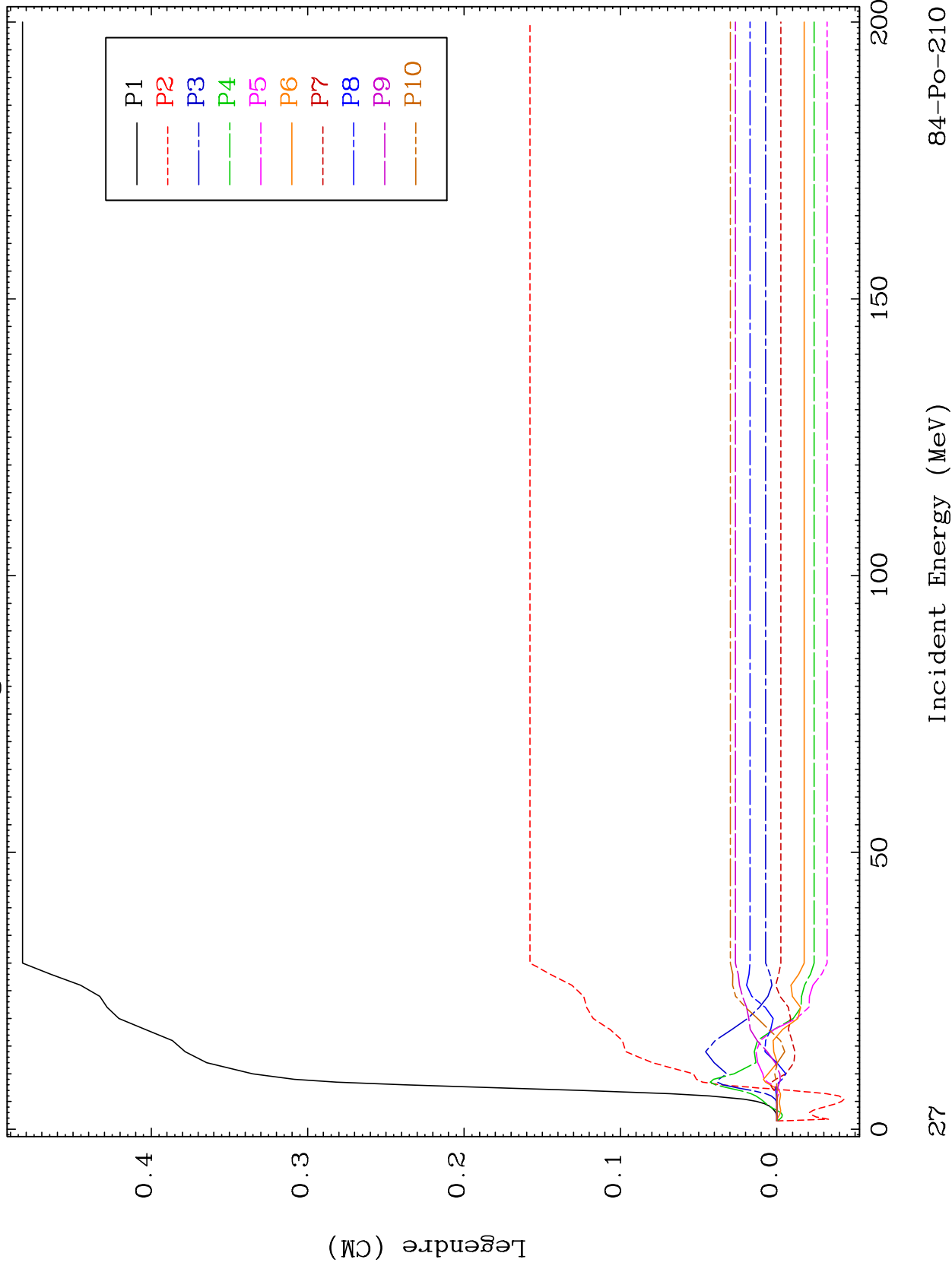
84-Po-210



MAT 8437

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

84-Po-210



84-Po-210

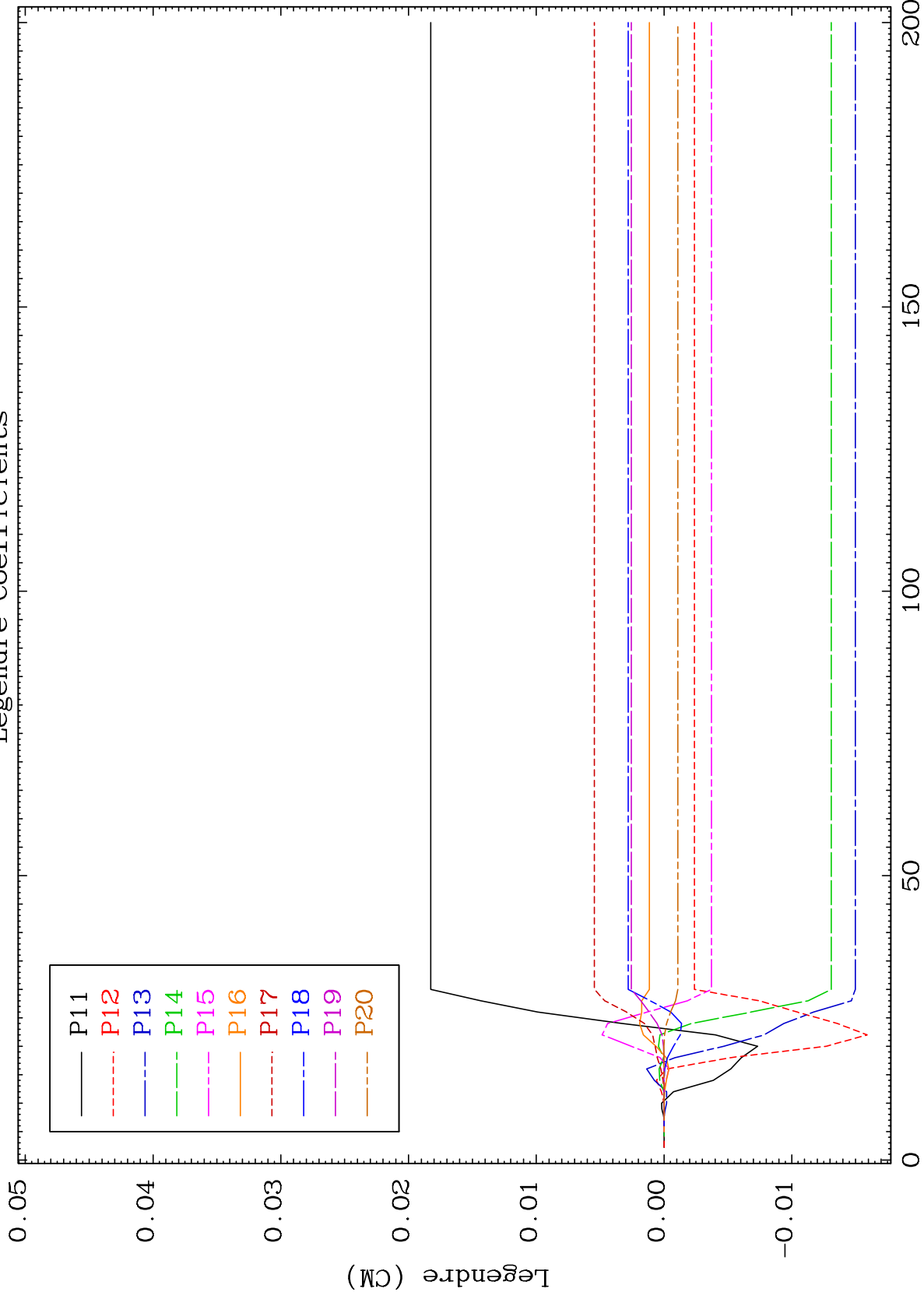
Incident Energy (MeV)

27

MAT 8437

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

84-Po-210



28

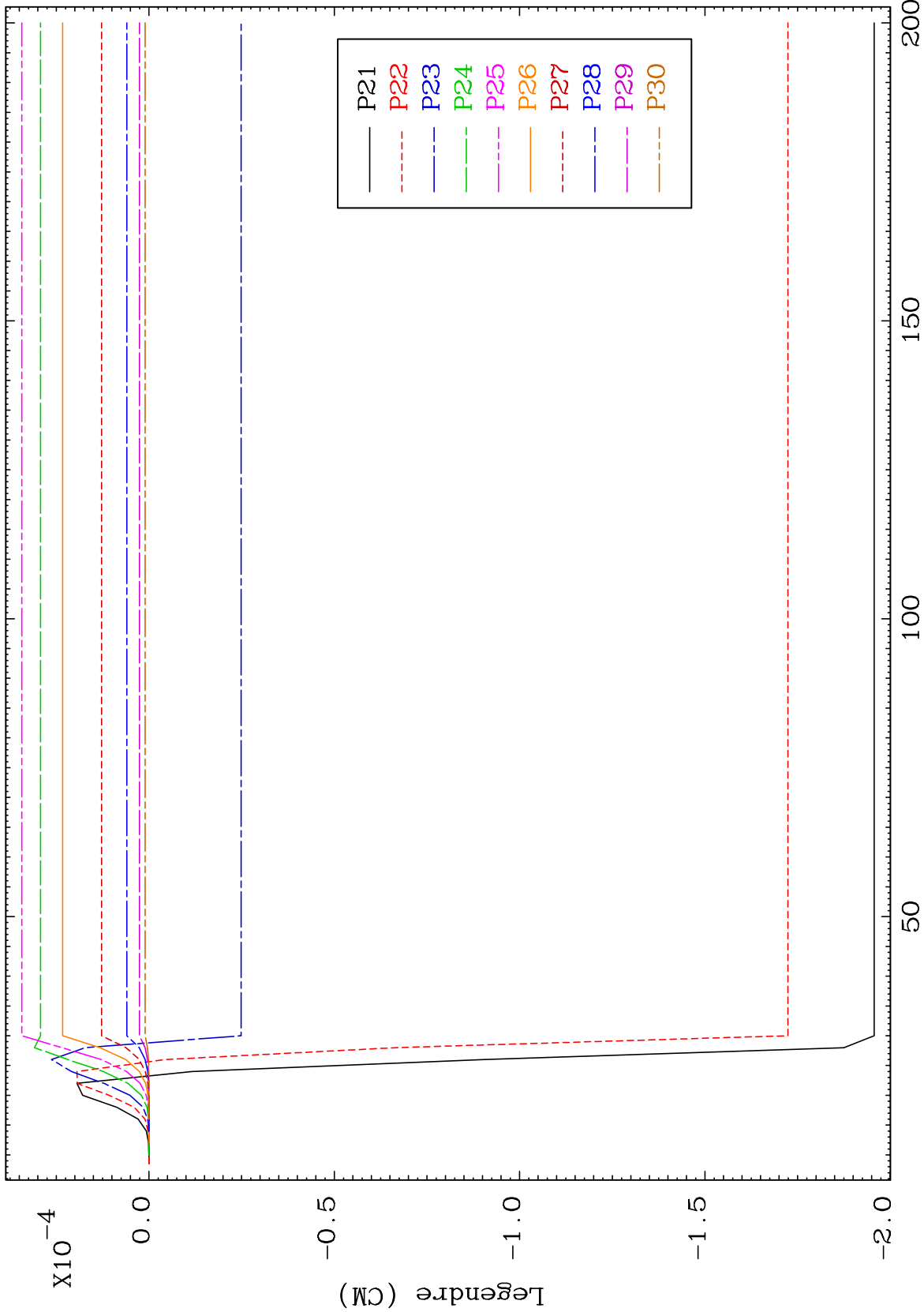
Incident Energy (MeV)

84-Po-210

MAT 8437

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

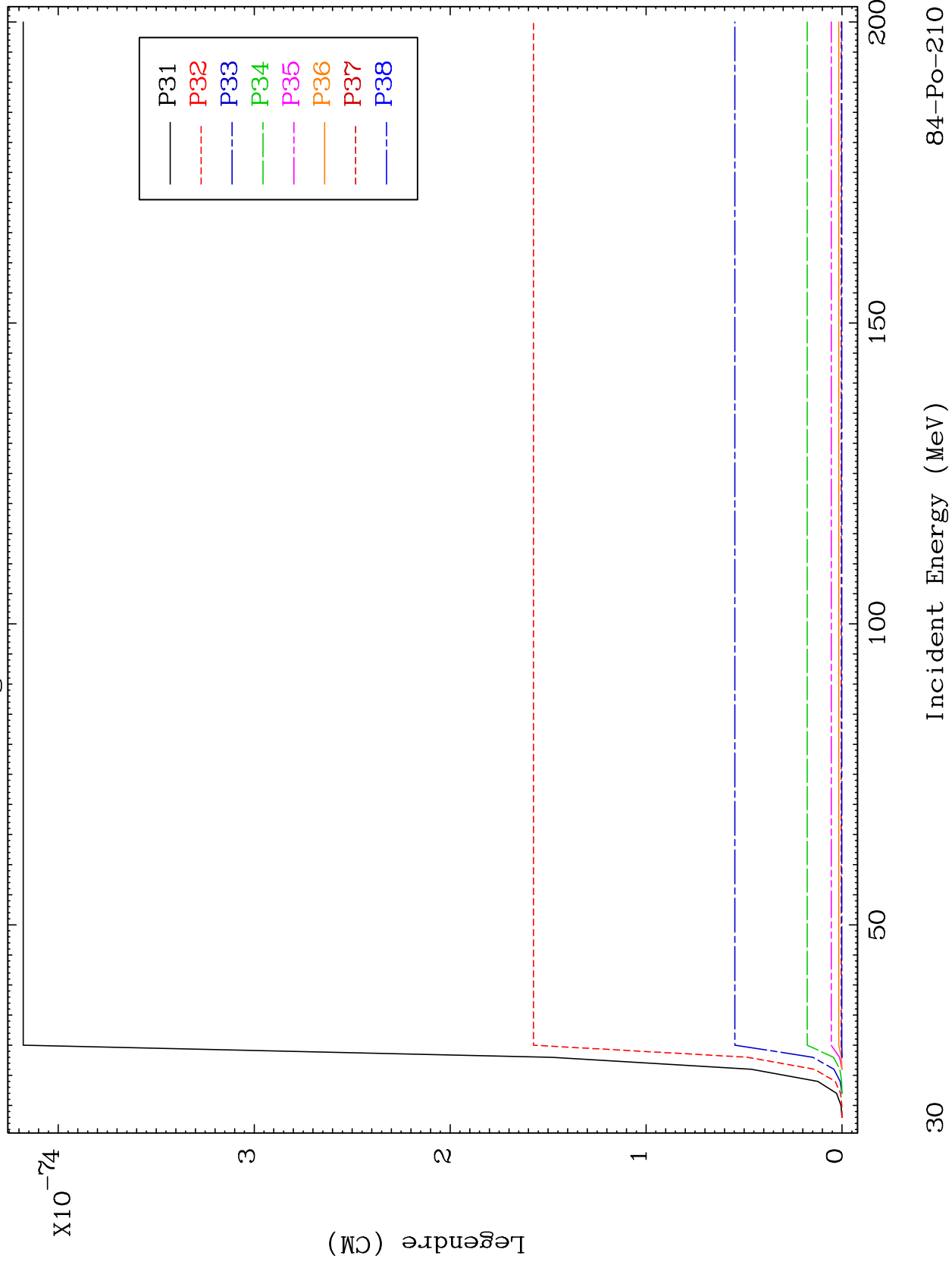
84-Po-210



MAT 8437

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

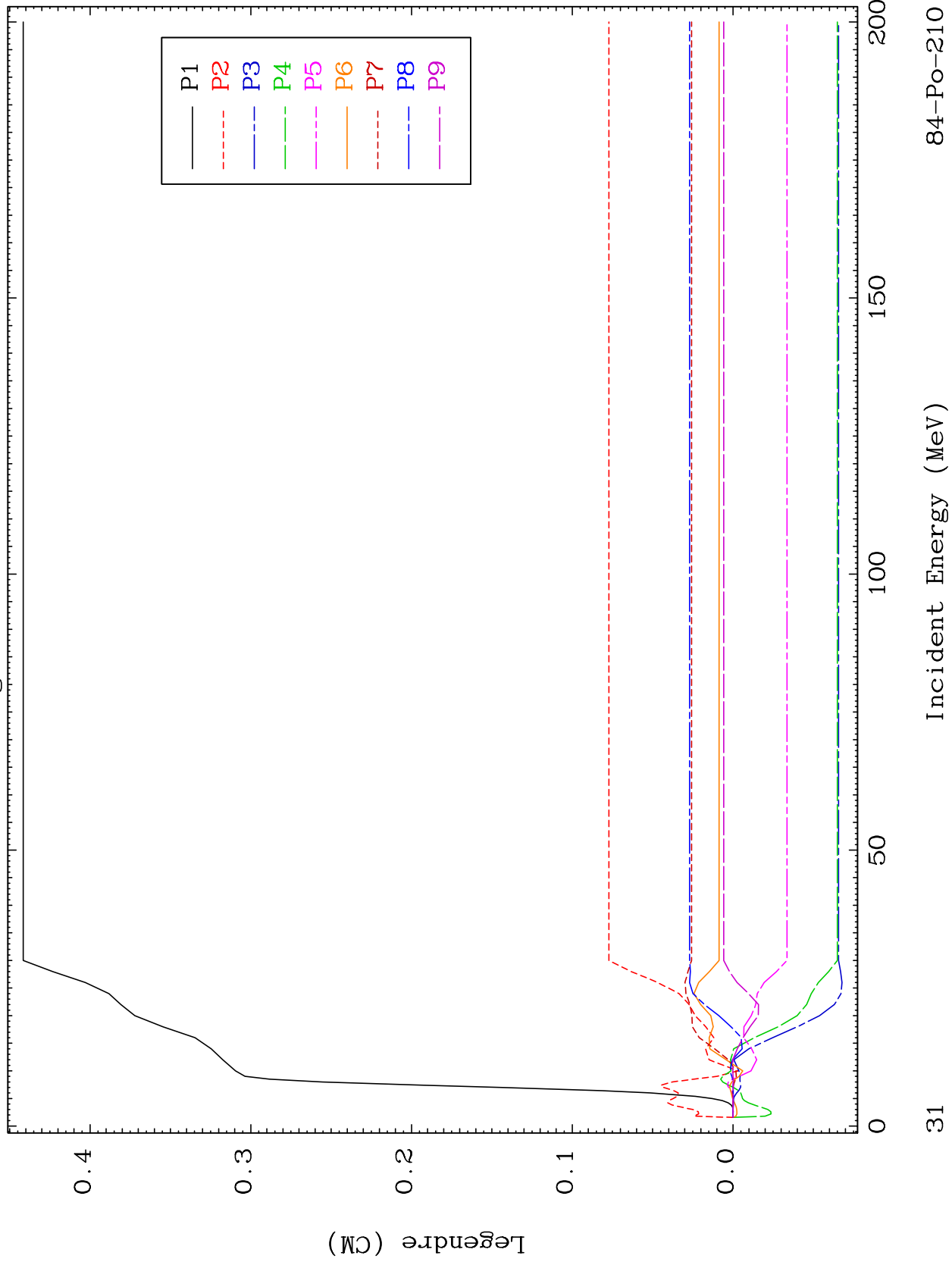
84-Po-210



MAT 8437

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

84-Po-210



84-Po-210

Incident Energy (MeV)

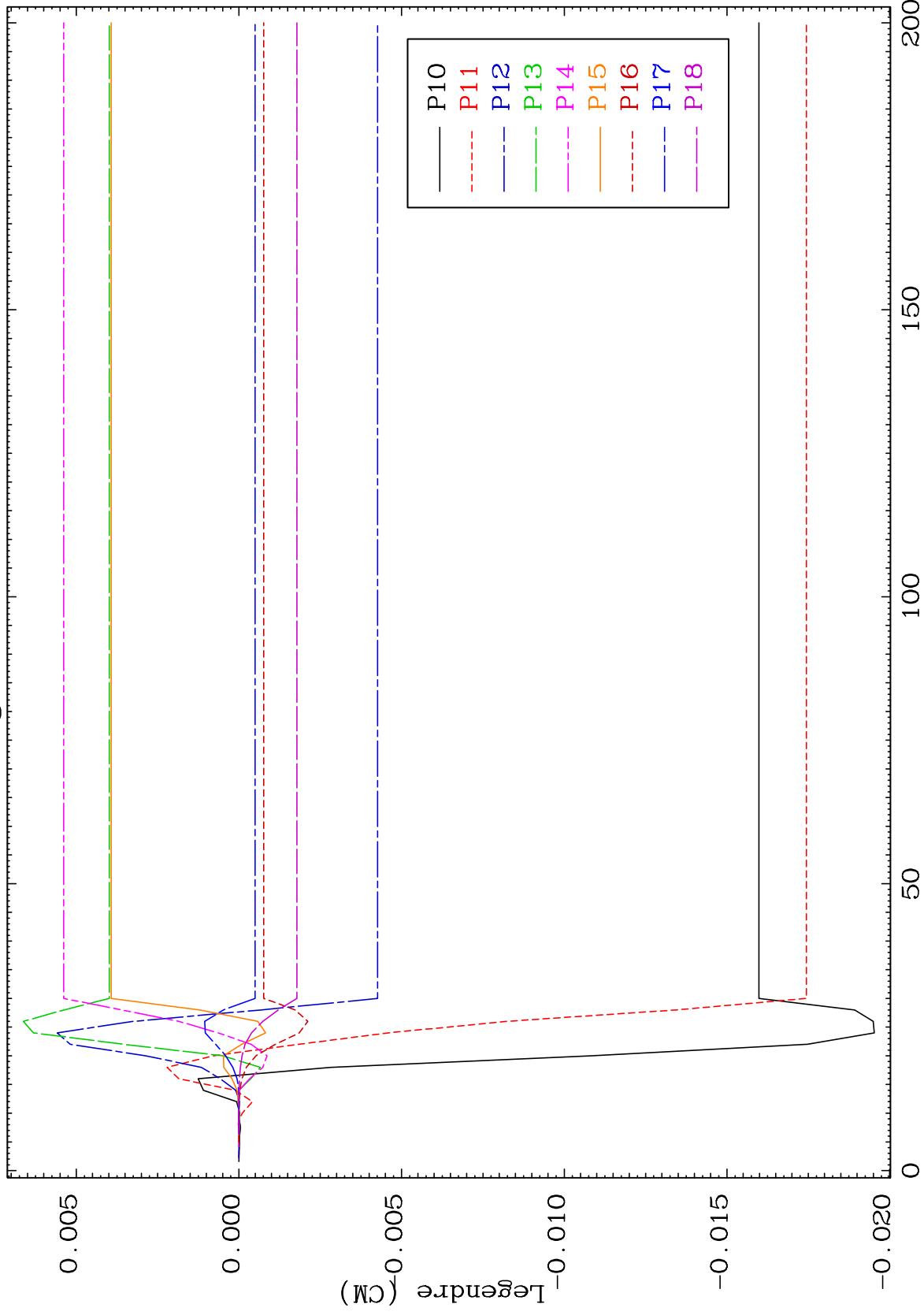
31



MAT 8437

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

84-Po-210



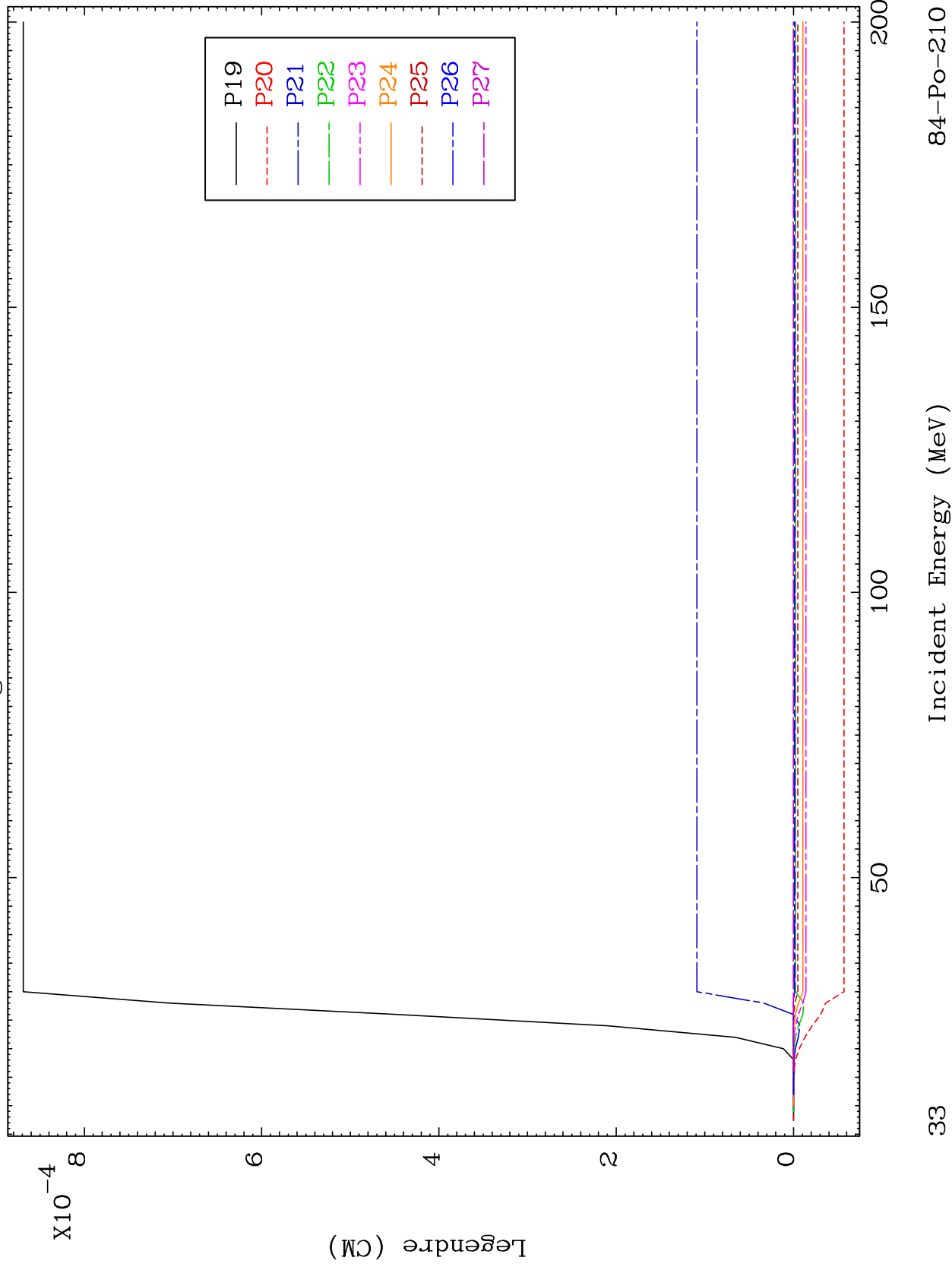
32

84-Po-210

MAT 8437

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

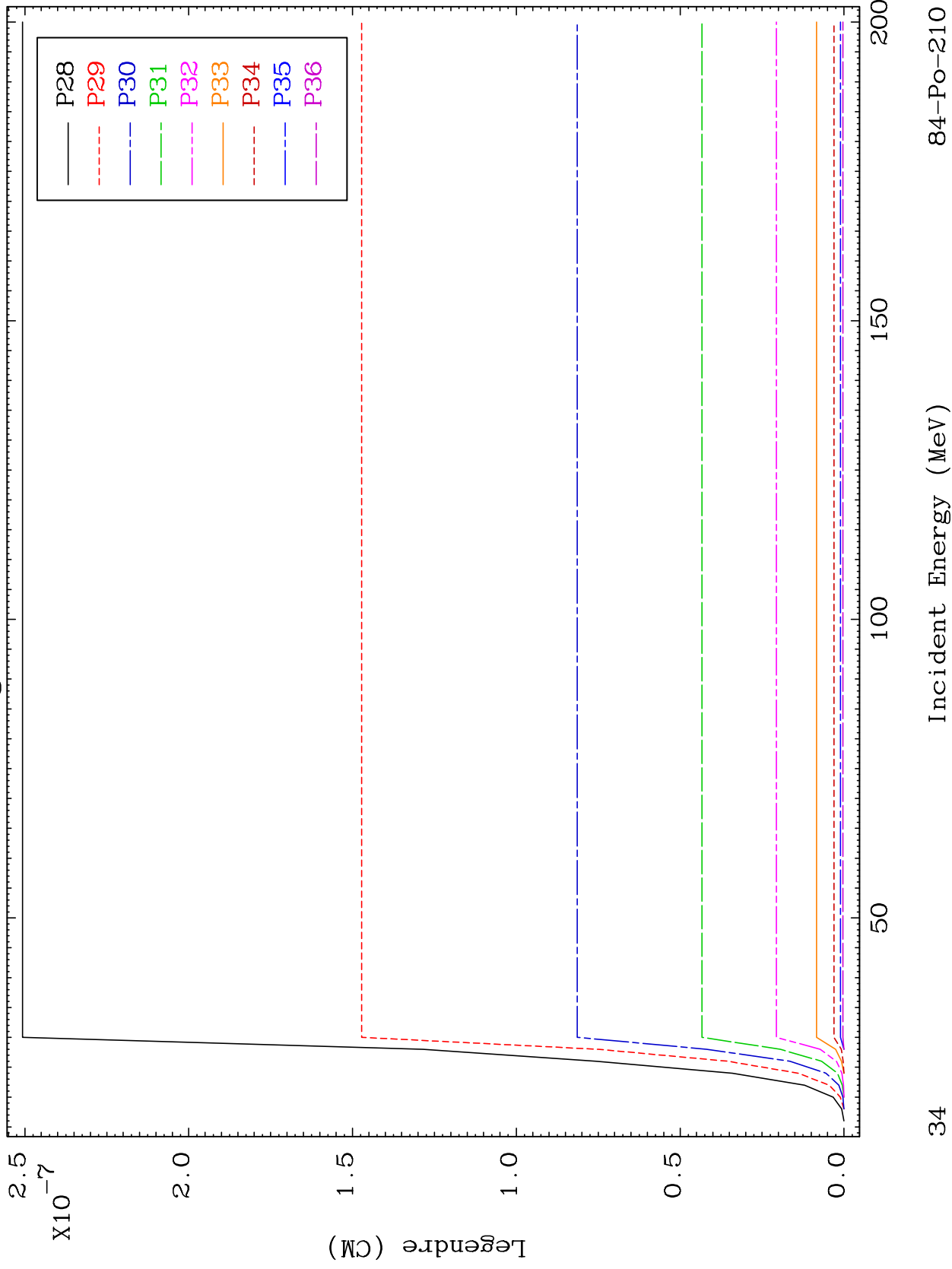
84-Po-210



MAT 8437

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

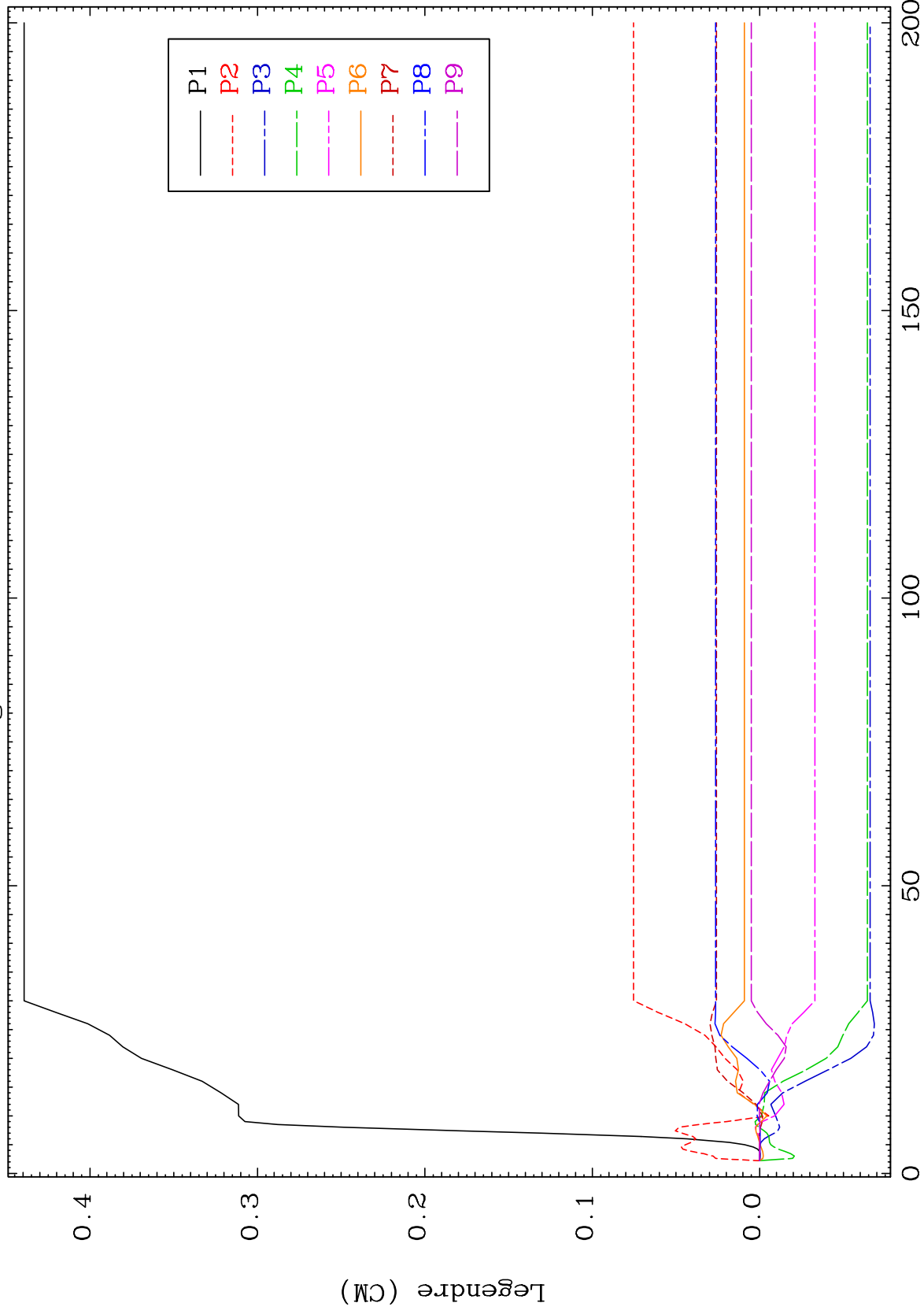
84-Po-210



MAT 8437

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

84-Po-210



84-Po-210

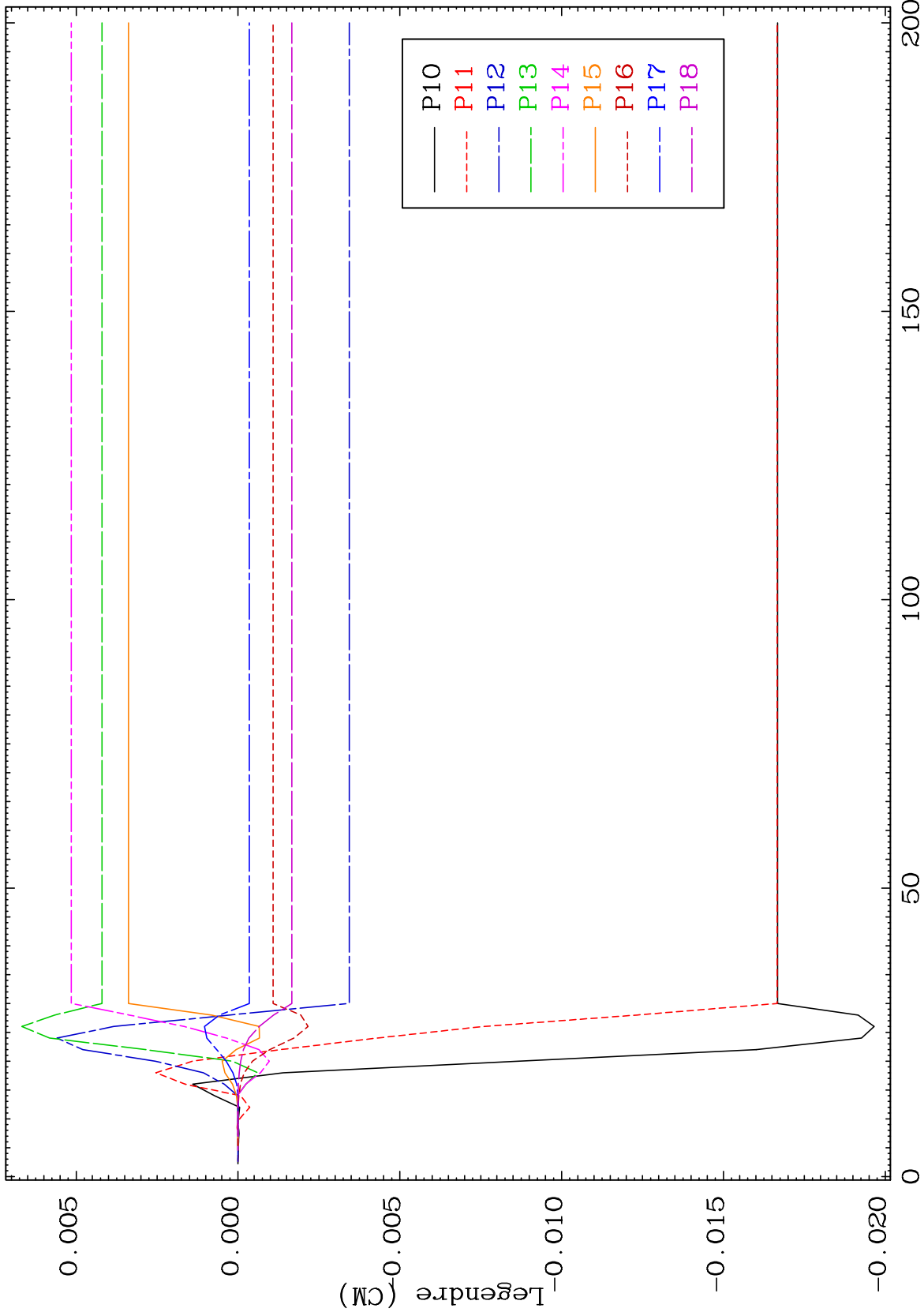
Incident Energy (MeV)

35

MAT 8437

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

84-Po-210



36

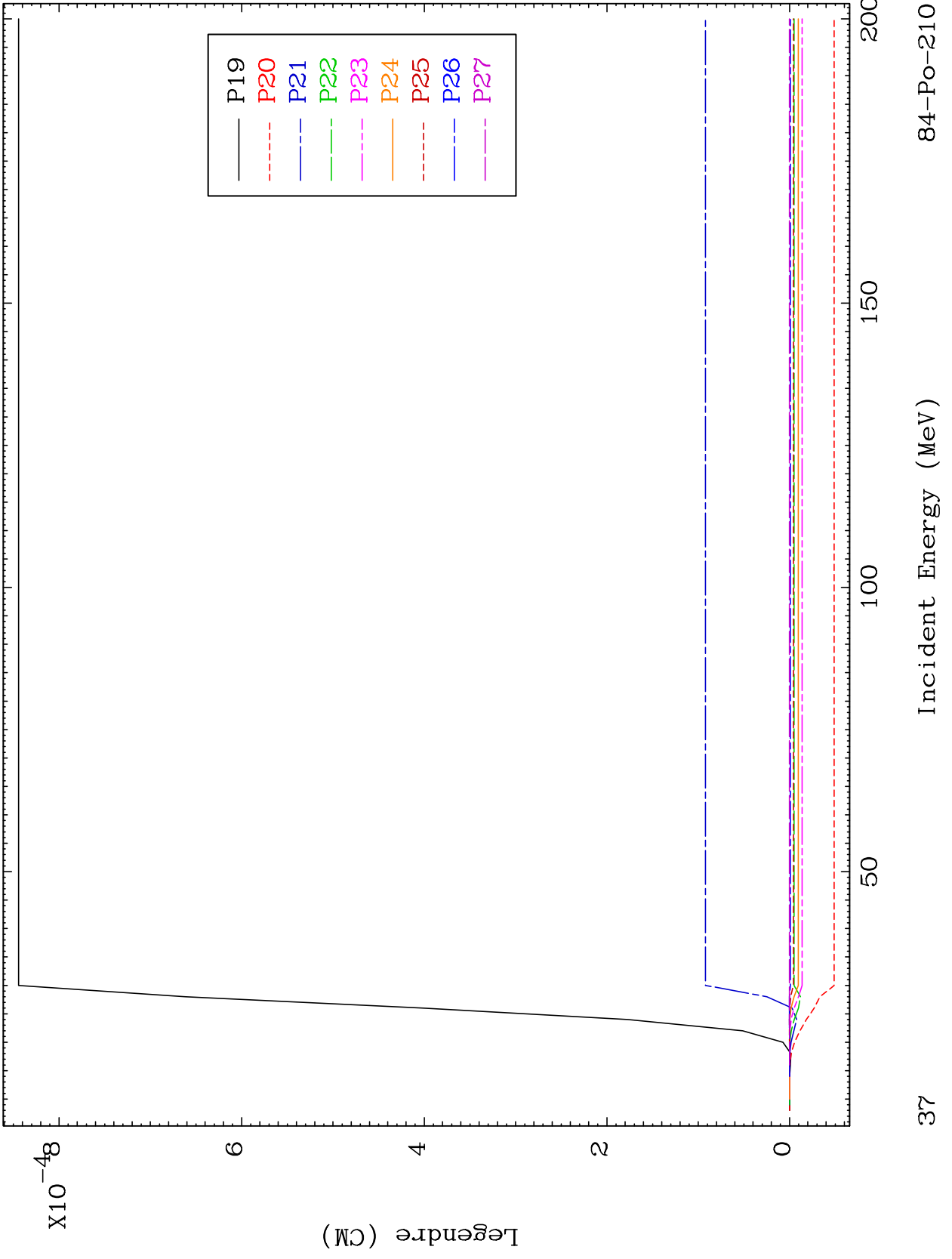
Incident Energy (MeV)

84-Po-210

MAT 8437

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

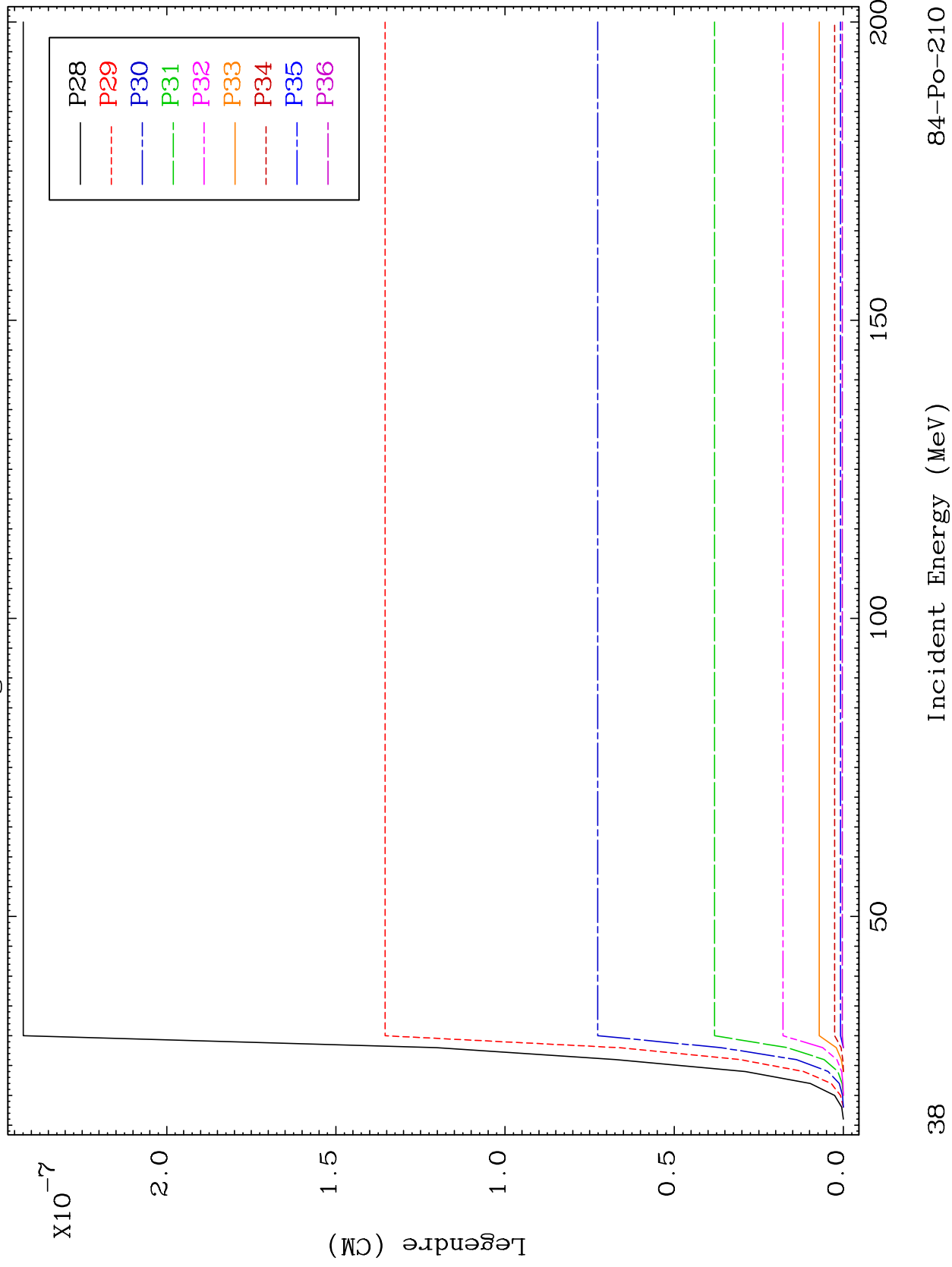
84-Po-210



MAT 8437

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

84-Po-210



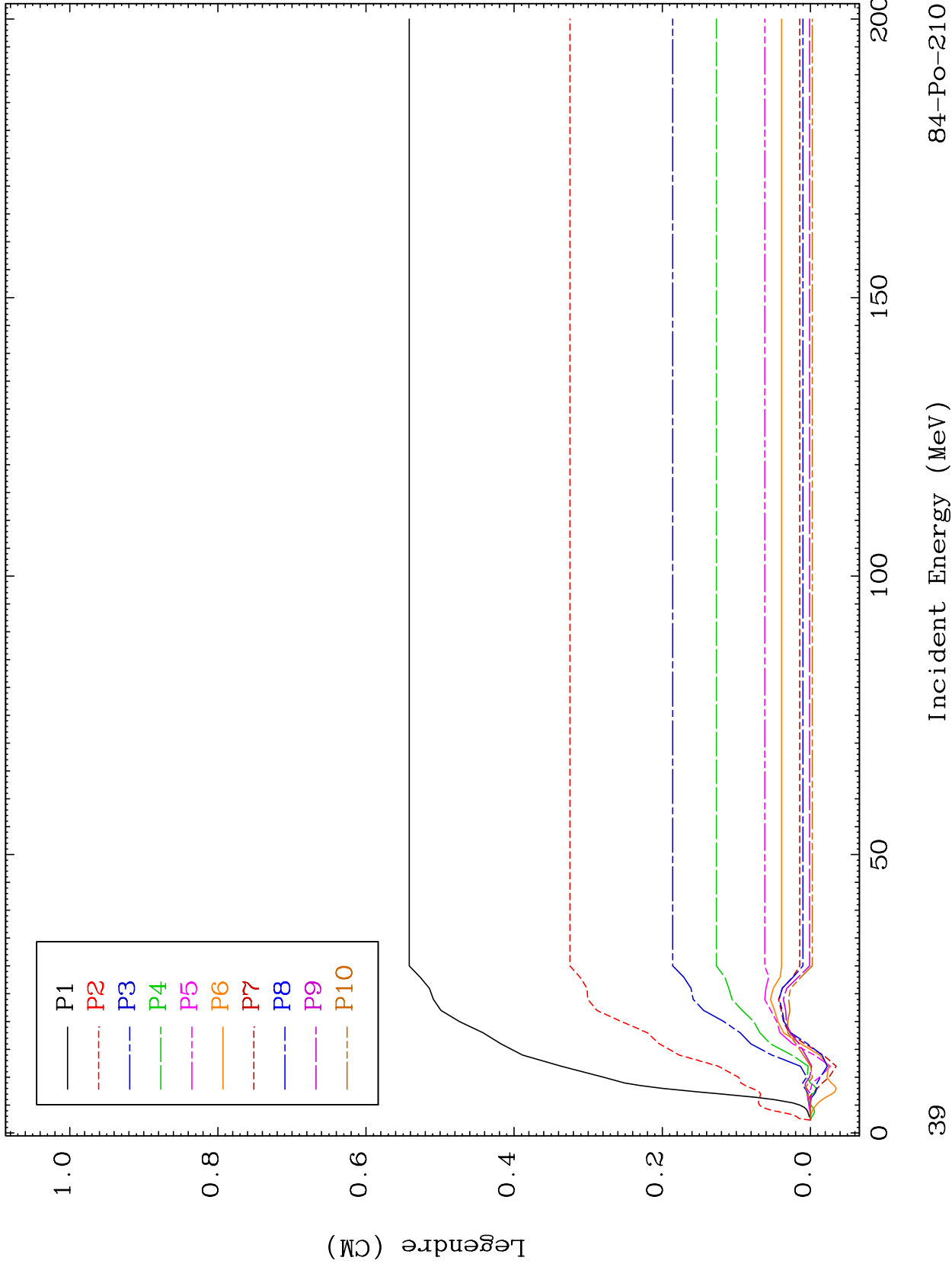
38

84-Po-210

MAT 8437

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

84-Po-210



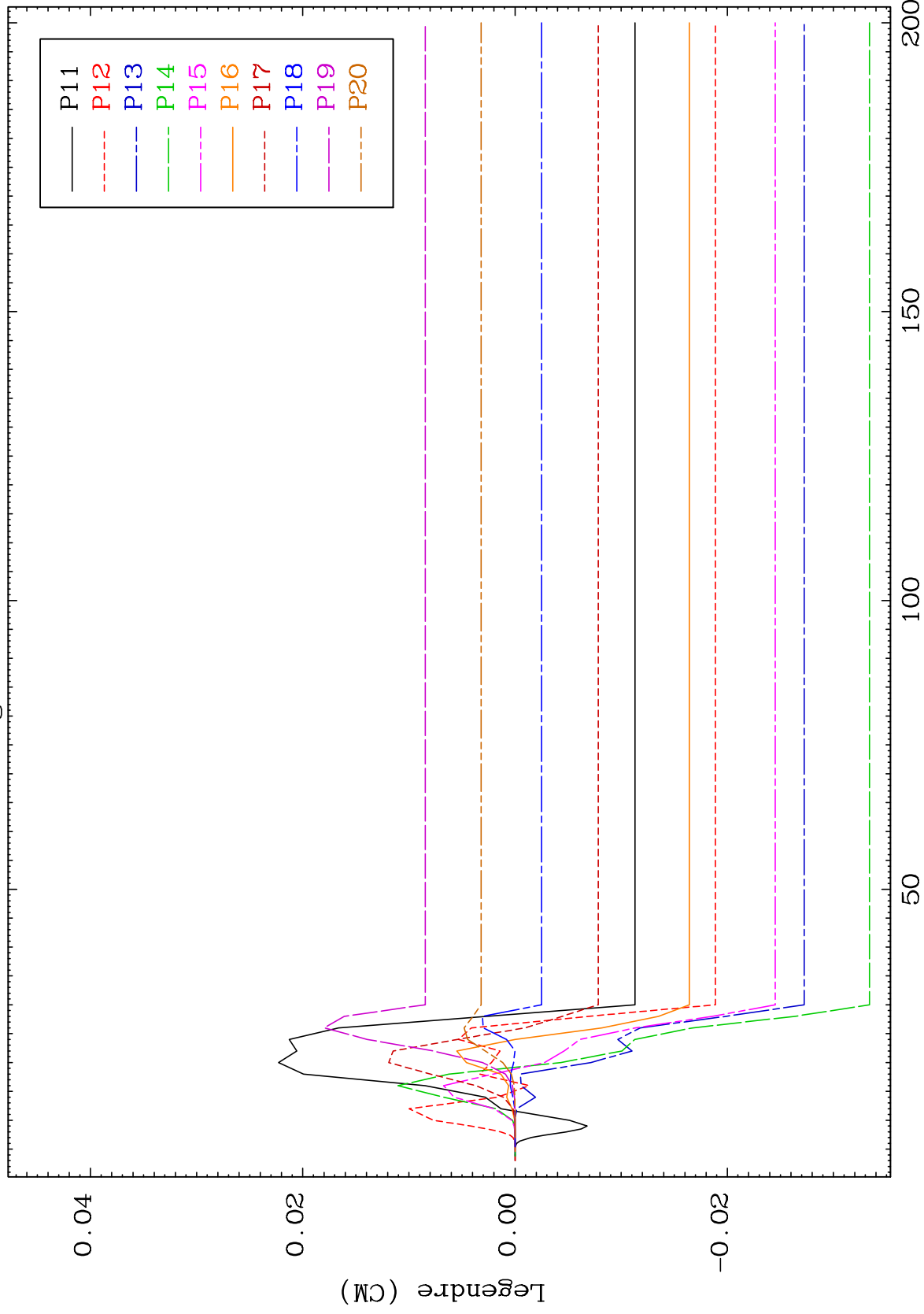
39



MAT 8437

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

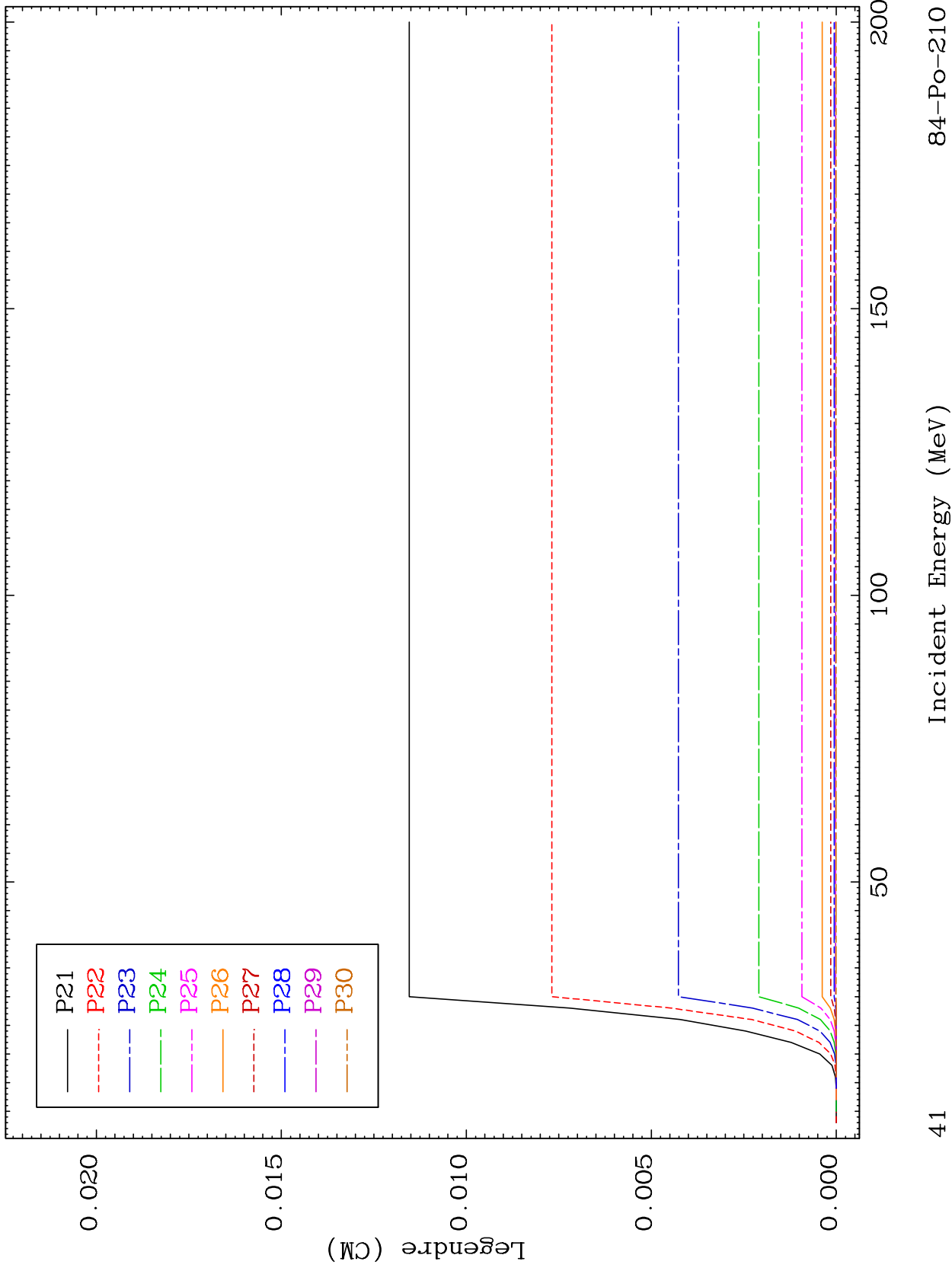
84-Po-210



40

Incident Energy (MeV)

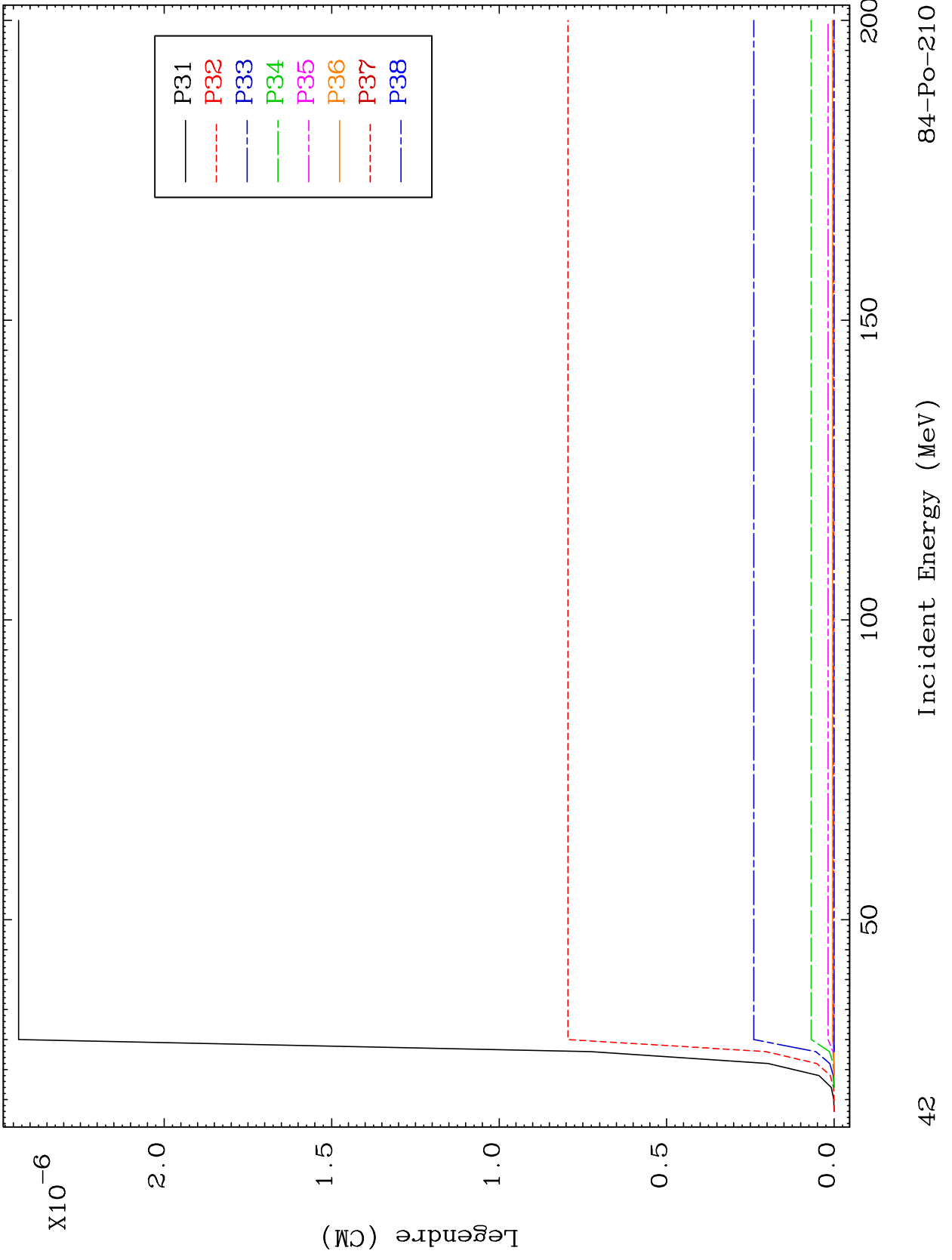
84-Po-210



MAT 8437

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

84-Po-210

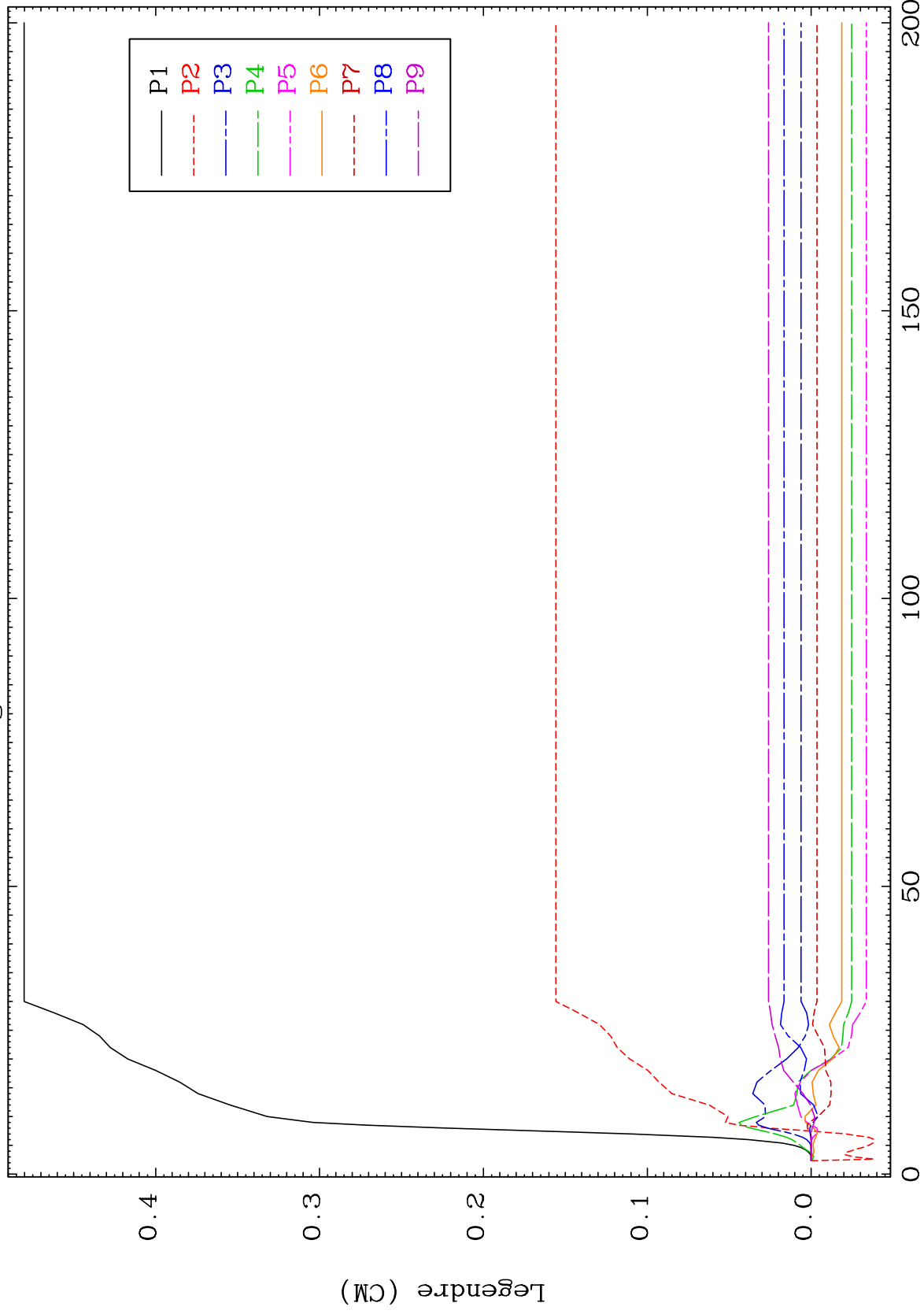


42

MAT 8437

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

84-Po-210



43

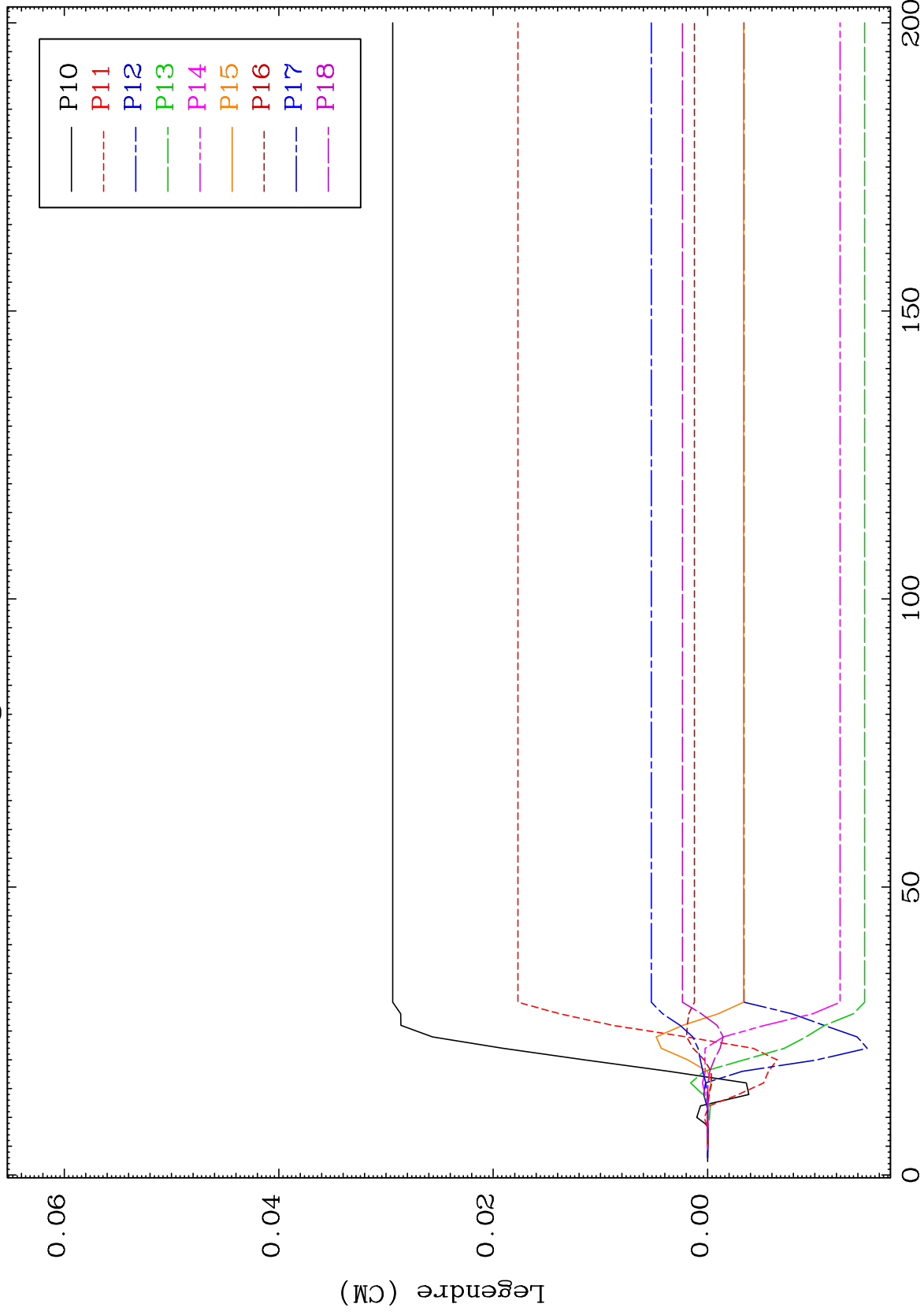
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



44

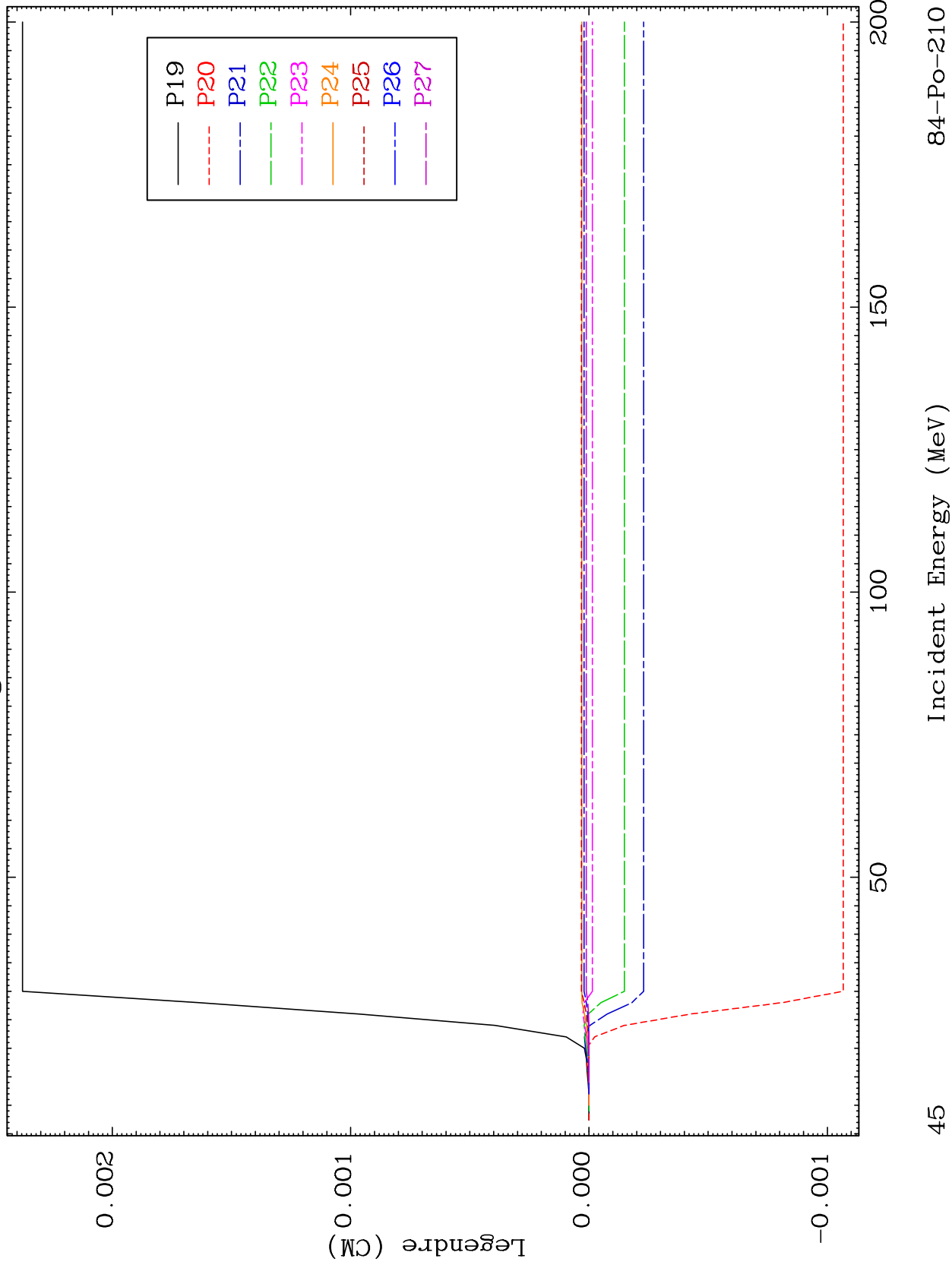
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



84-Po-210

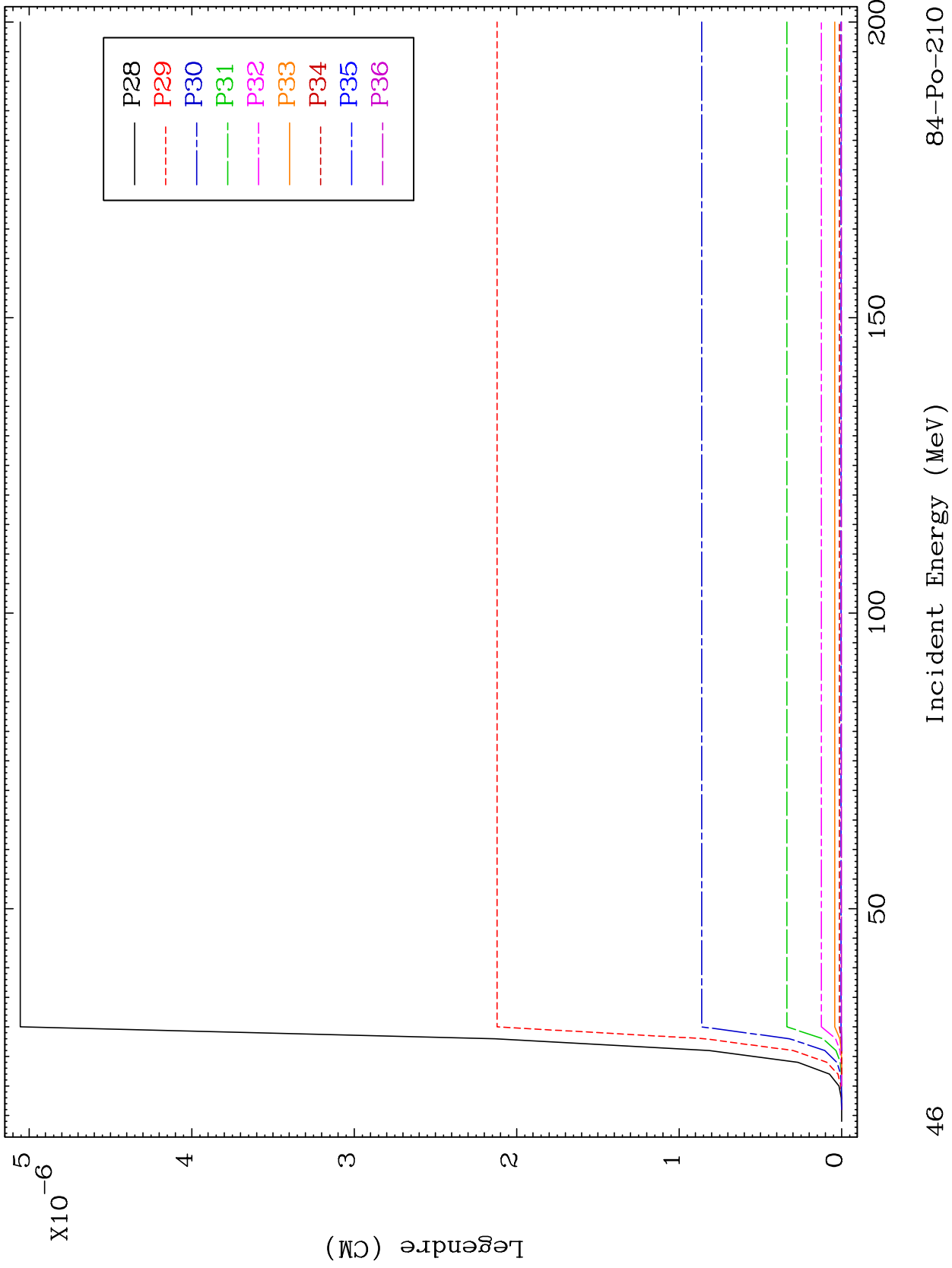
Incident Energy (MeV)

45

MAT 8437

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

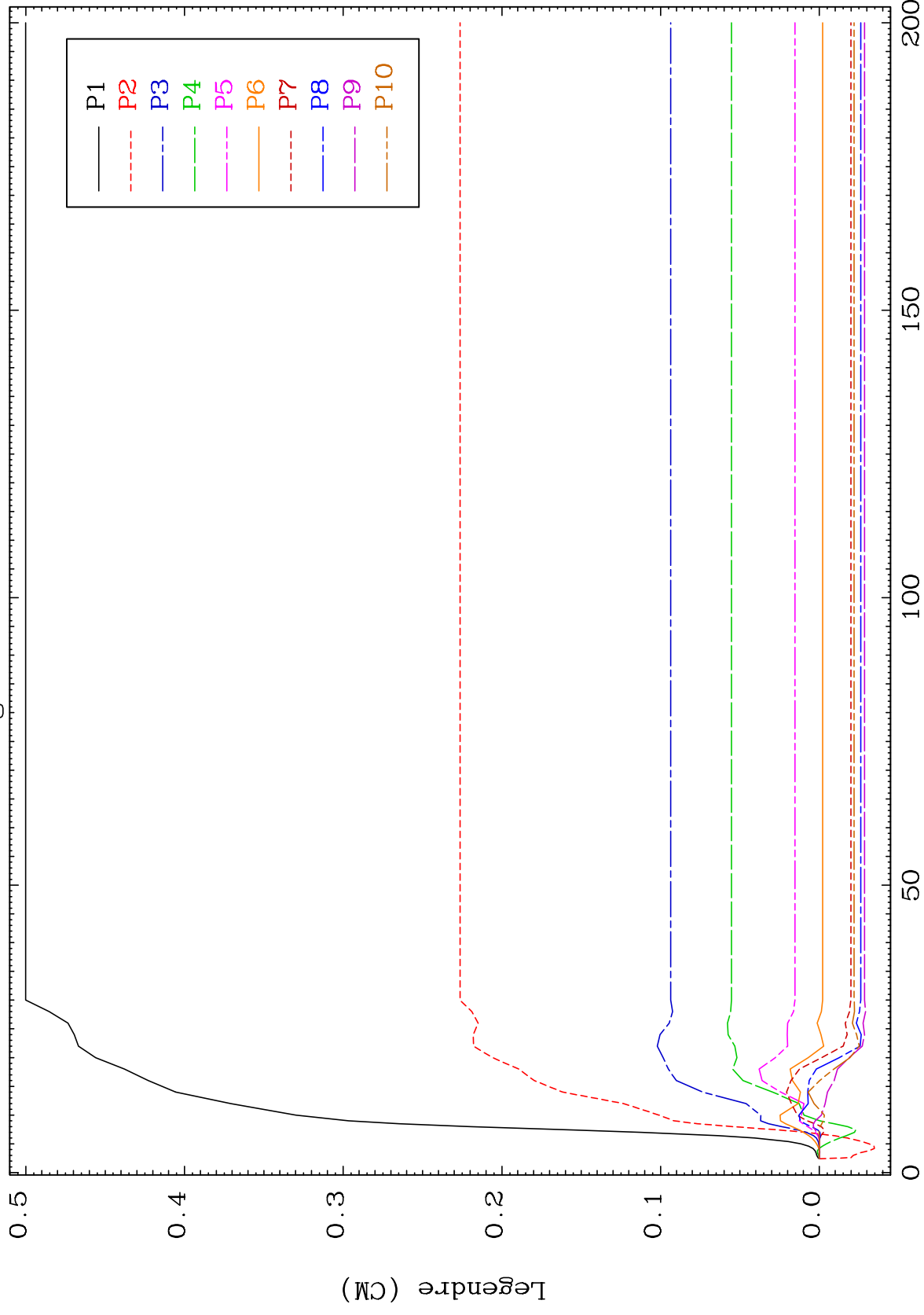
84-Po-210



MAT 8437

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

84-Po-210



47

Incident Energy (MeV)

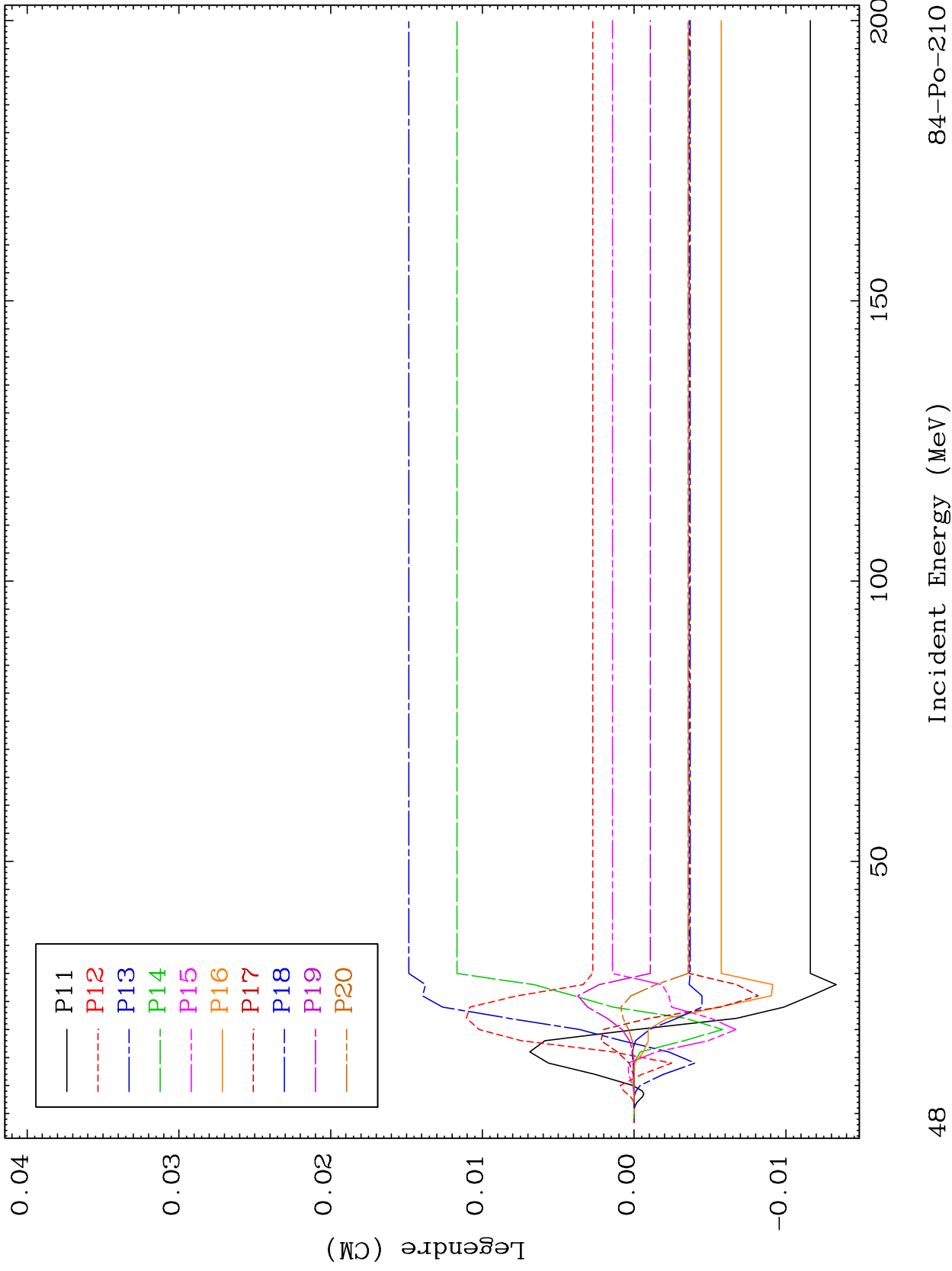
84-Po-210



MAT 8437

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

84-Po-210



48

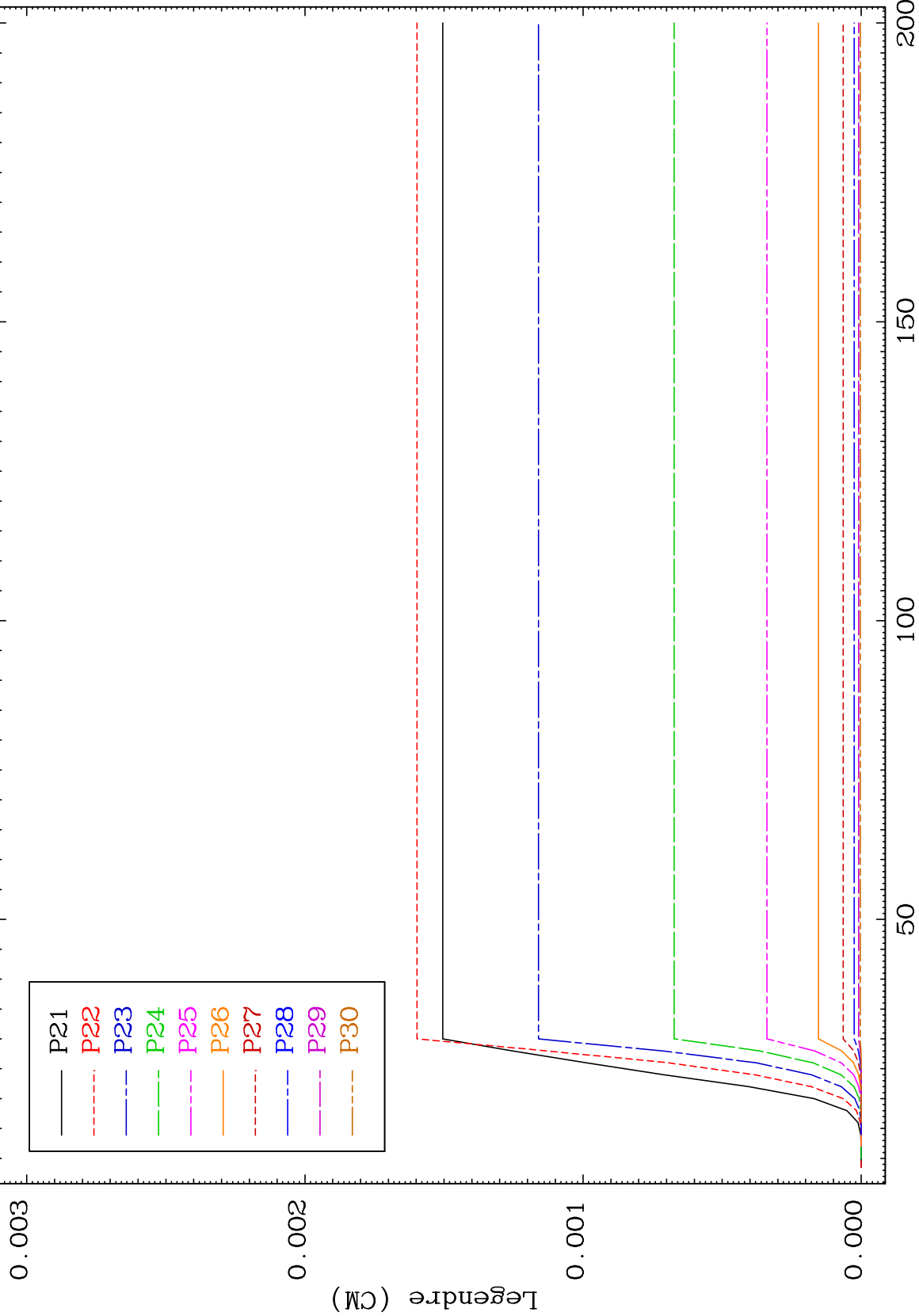
Incident Energy (MeV)

84-Po-210

MAT 8437

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

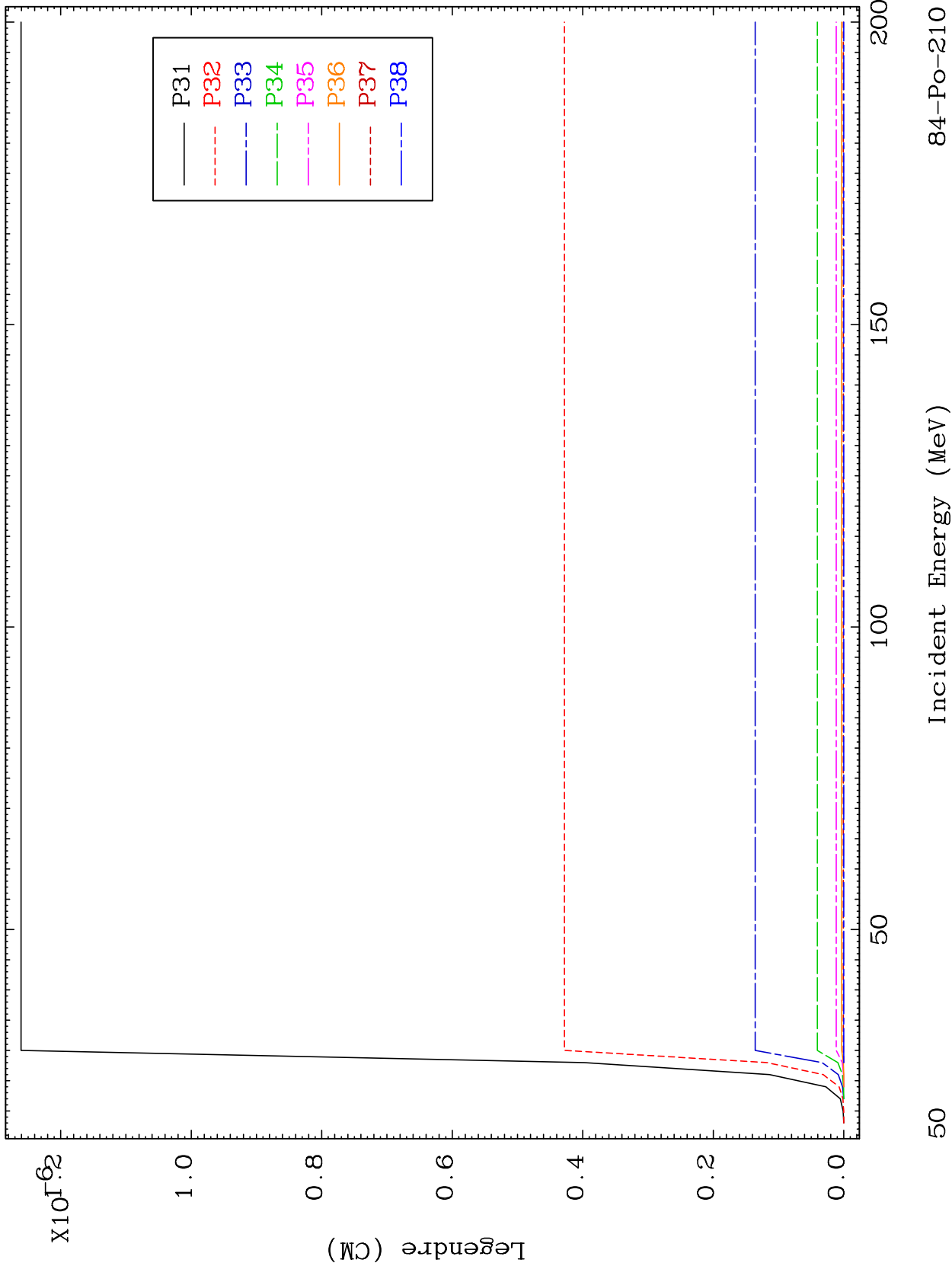
84-Po-210



MAT 8437

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

84-Po-210



84-Po-210

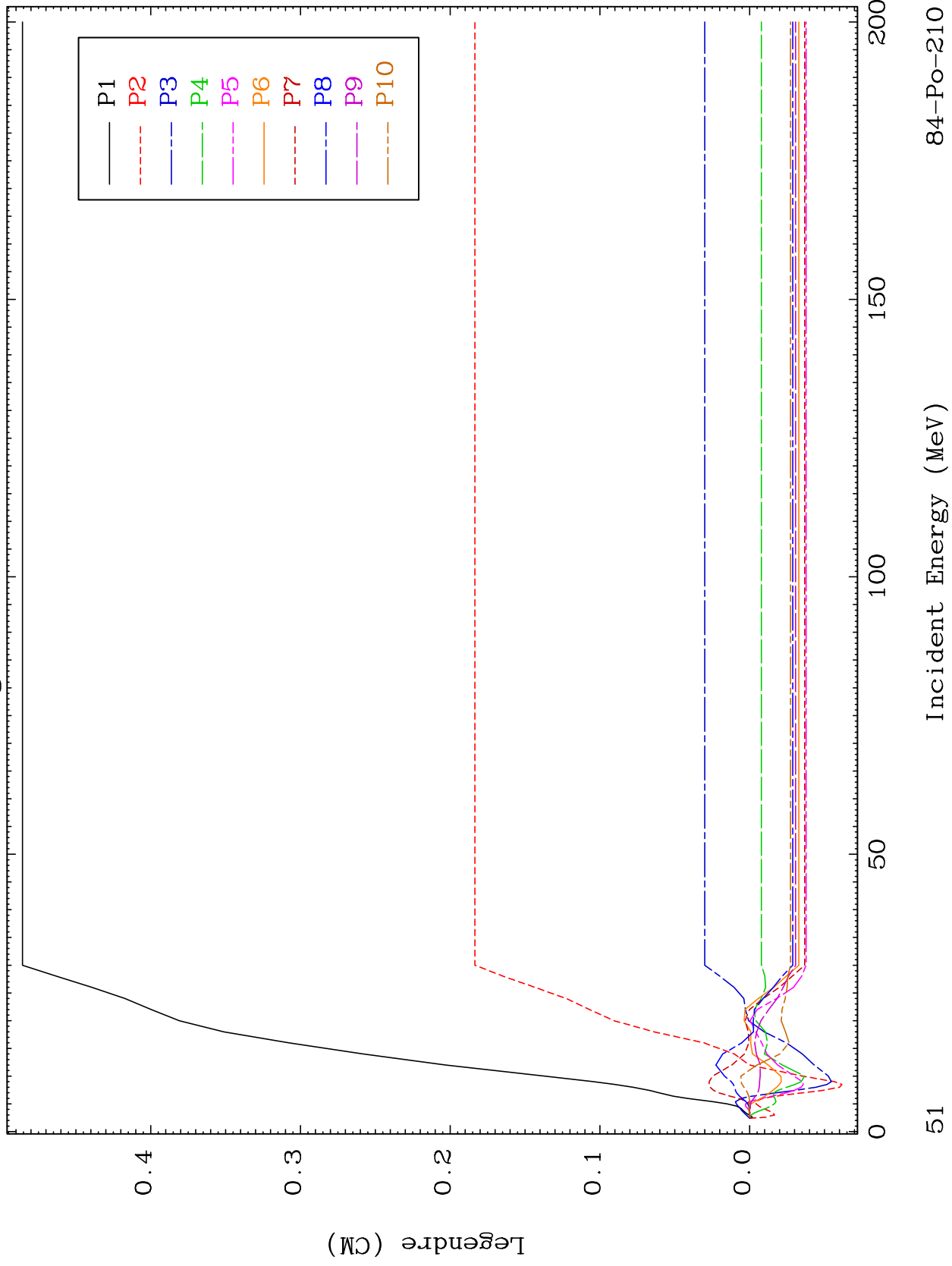
Incident Energy (MeV)

50

MAT 8437

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

84-Po-210

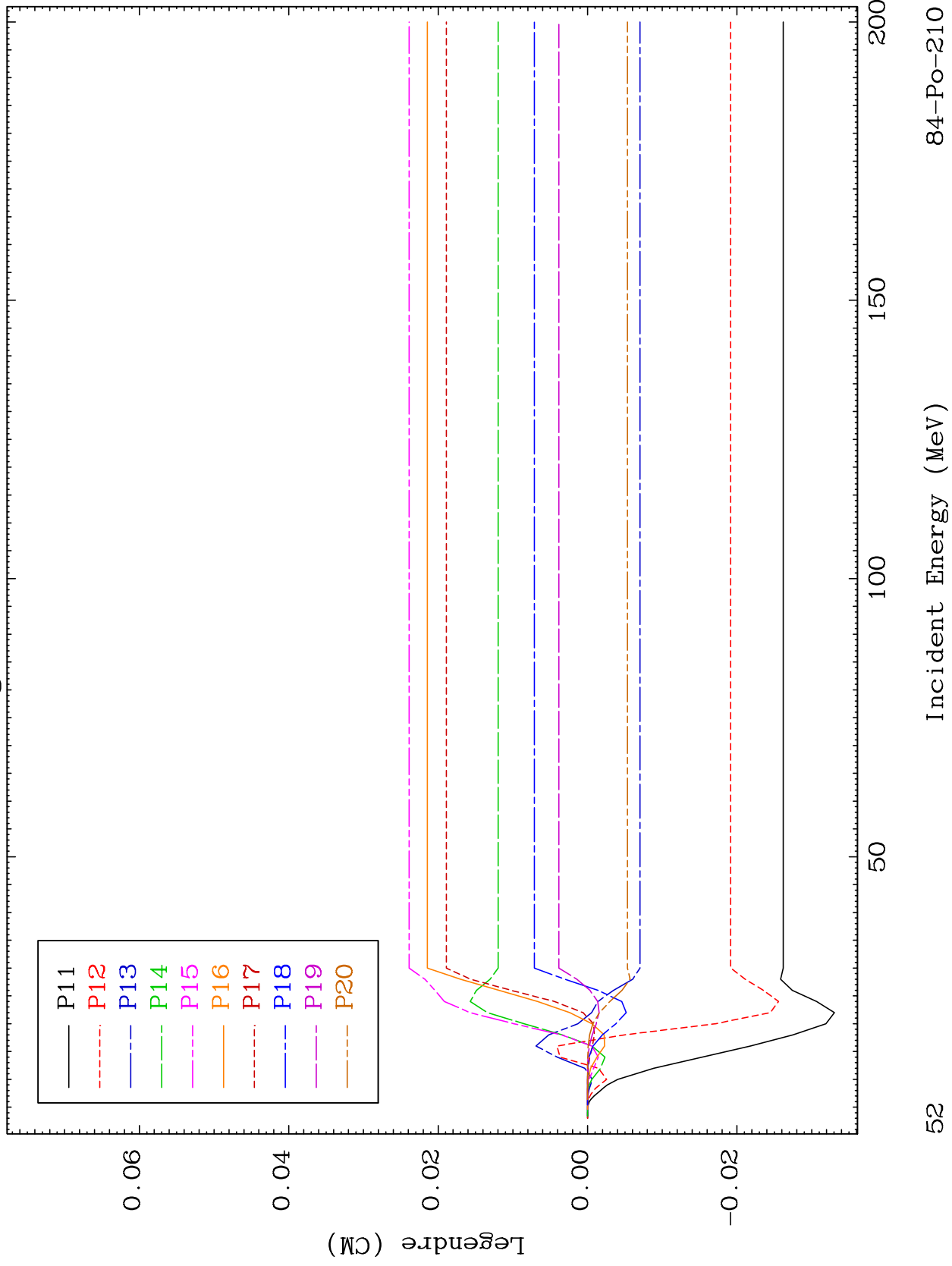


51

MAT 8437

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

84-Po-210



52

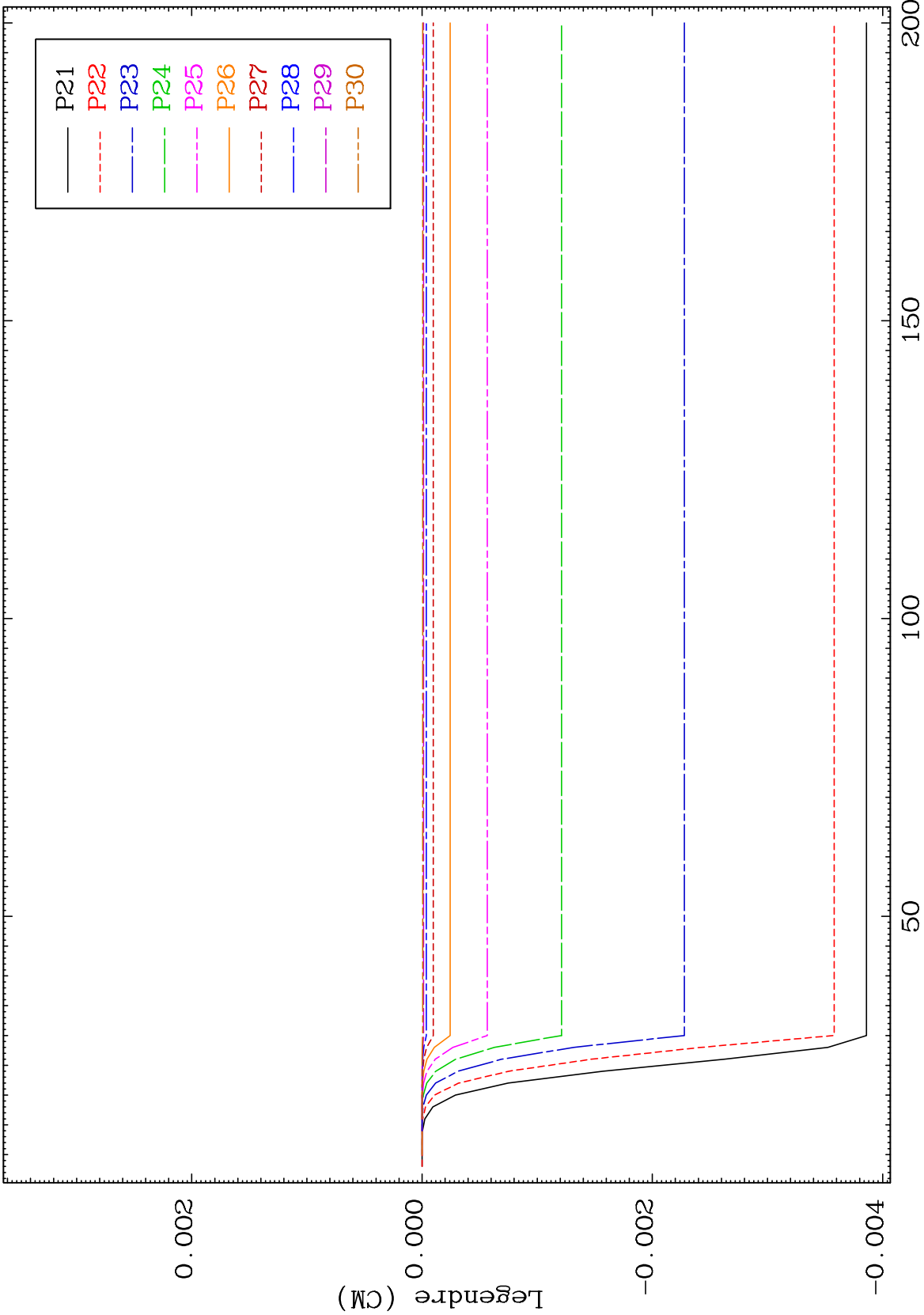
Incident Energy (MeV)

84-Po-210

MAT 8437

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

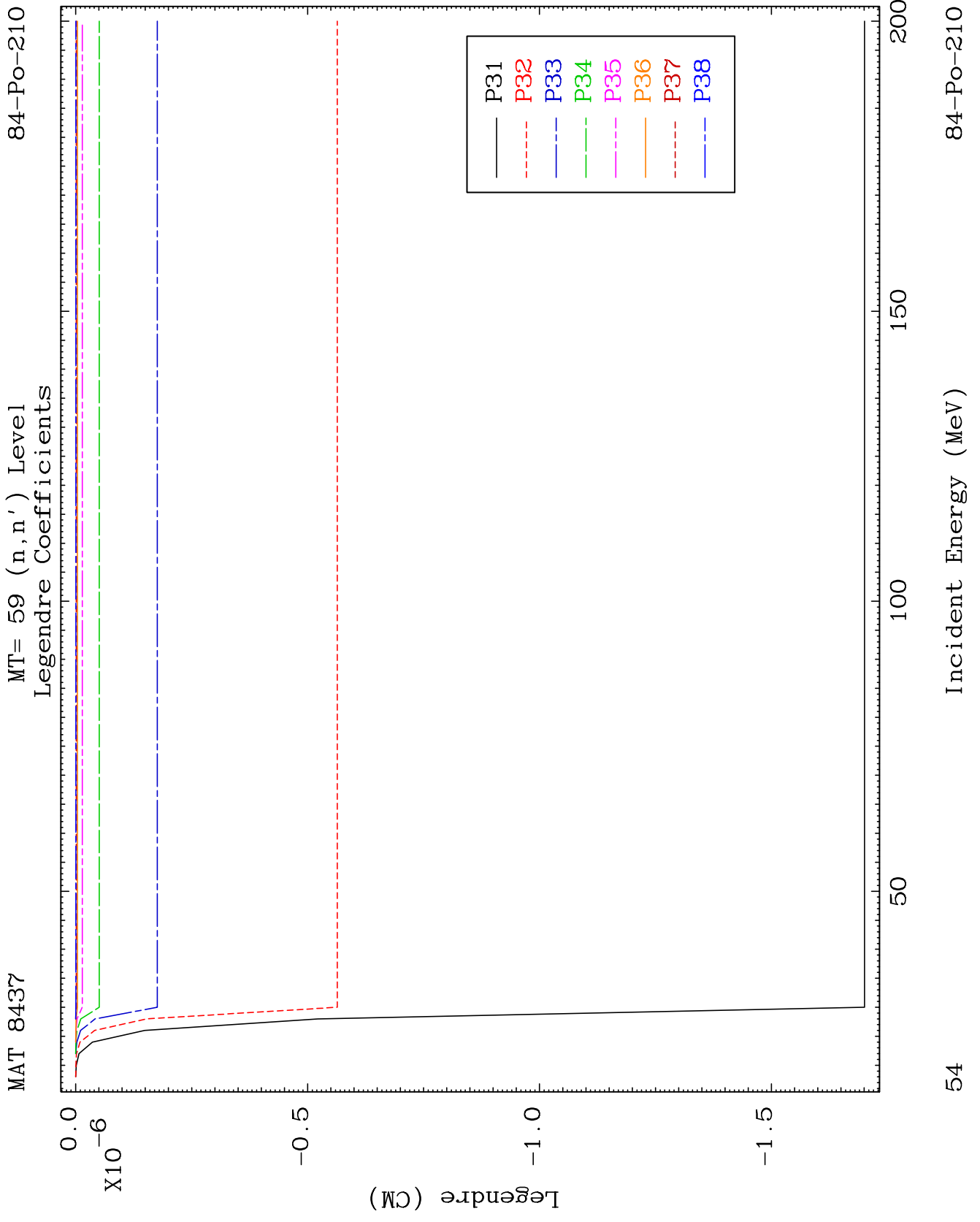
84-Po-210



53

Incident Energy (MeV)

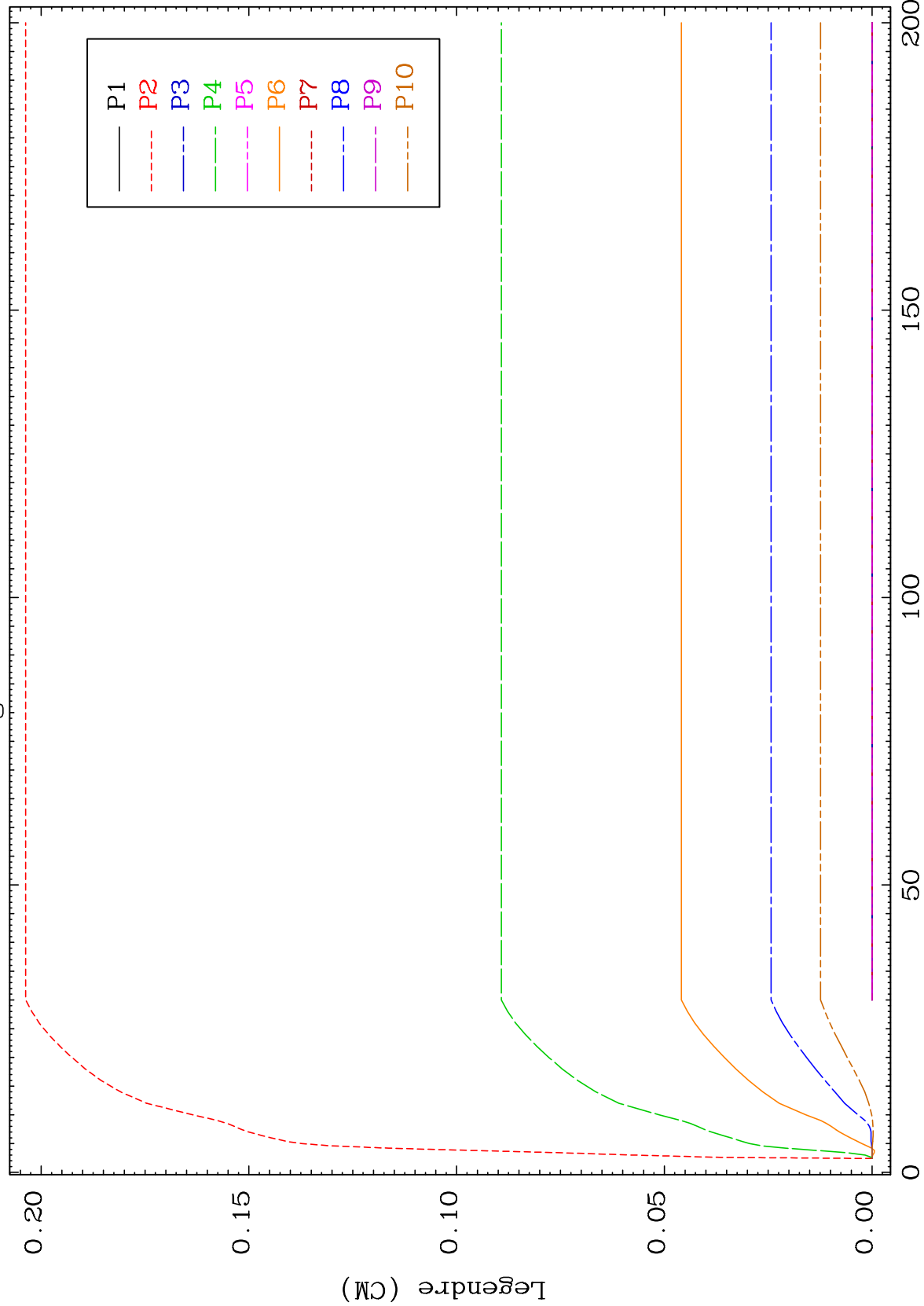
84-Po-210



MAT 8437

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

84-Po-210



84-Po-210

Incident Energy (MeV)

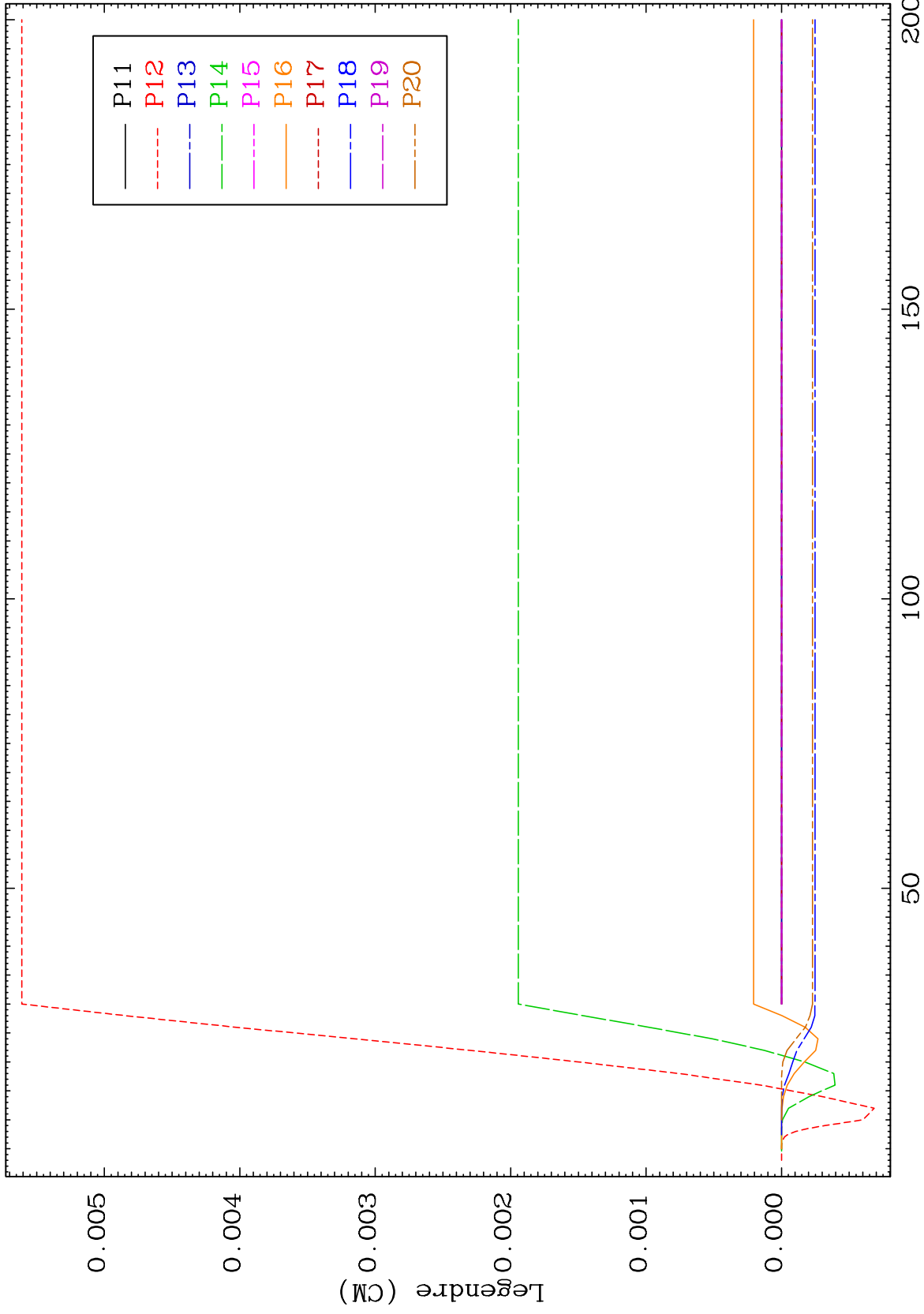
55



MAT 8437

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

84-Po-210



56

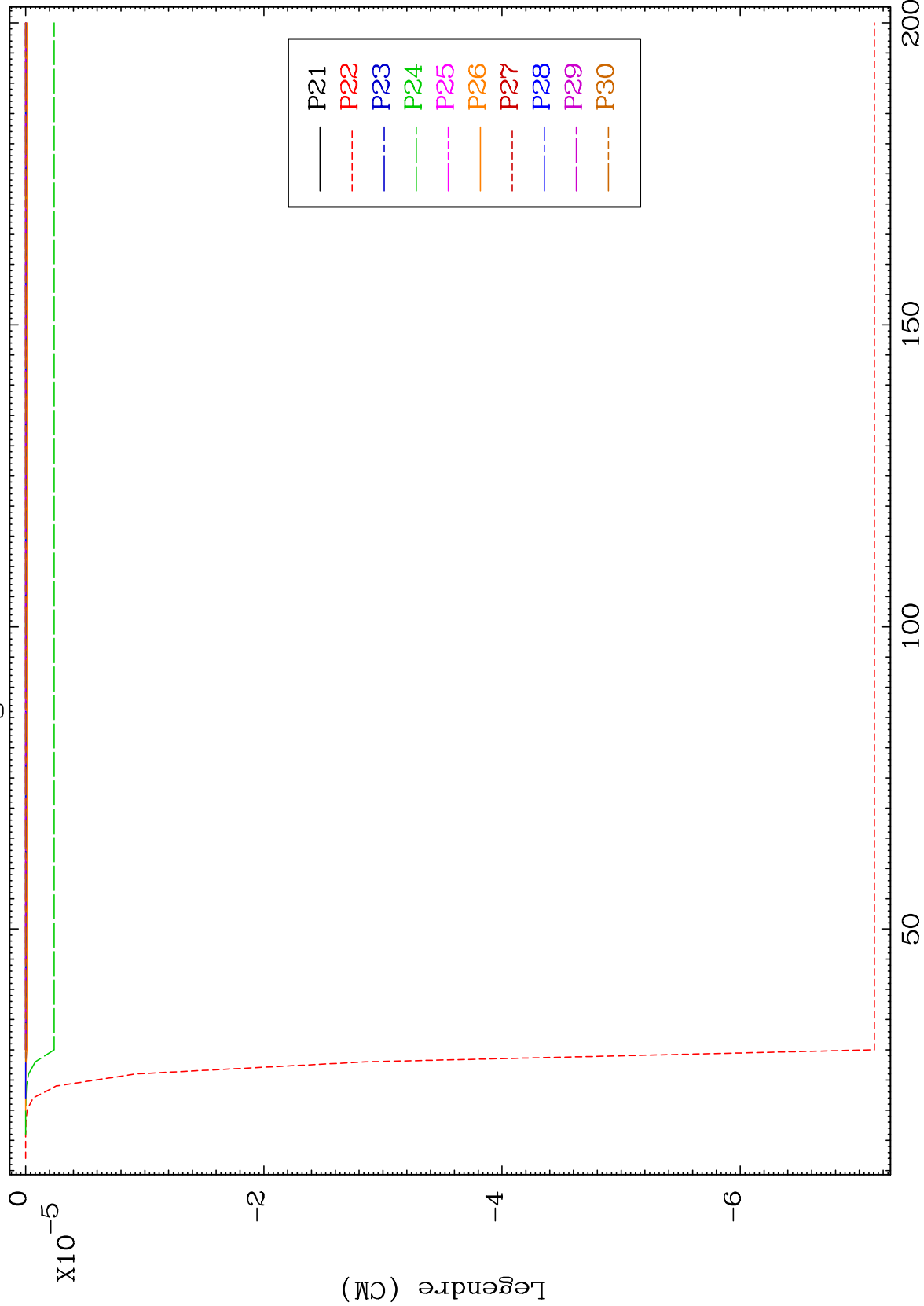
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



57

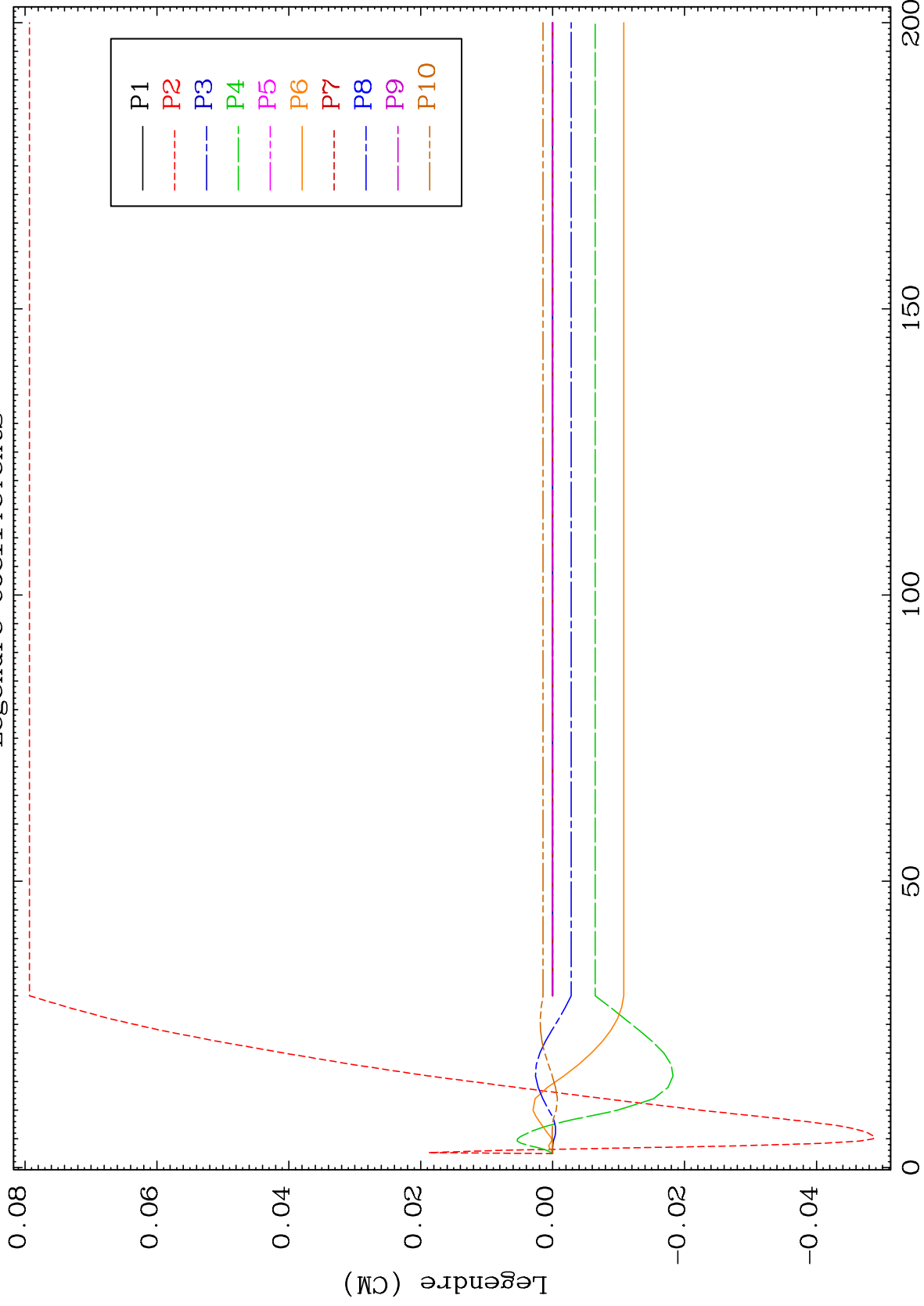
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



84-Po-210

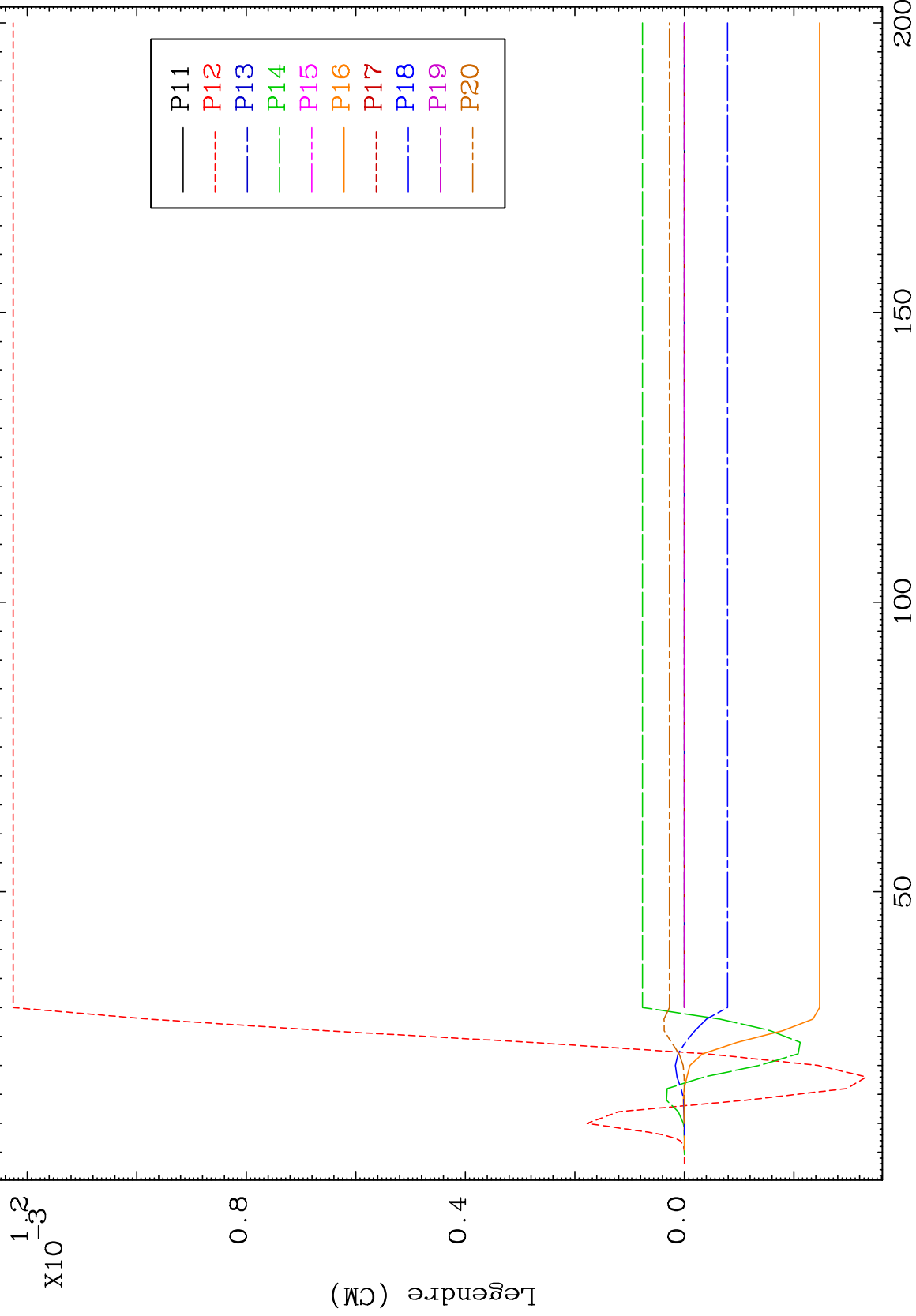
Incident Energy (MeV)

58

MAT 8437

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

84-Po-210



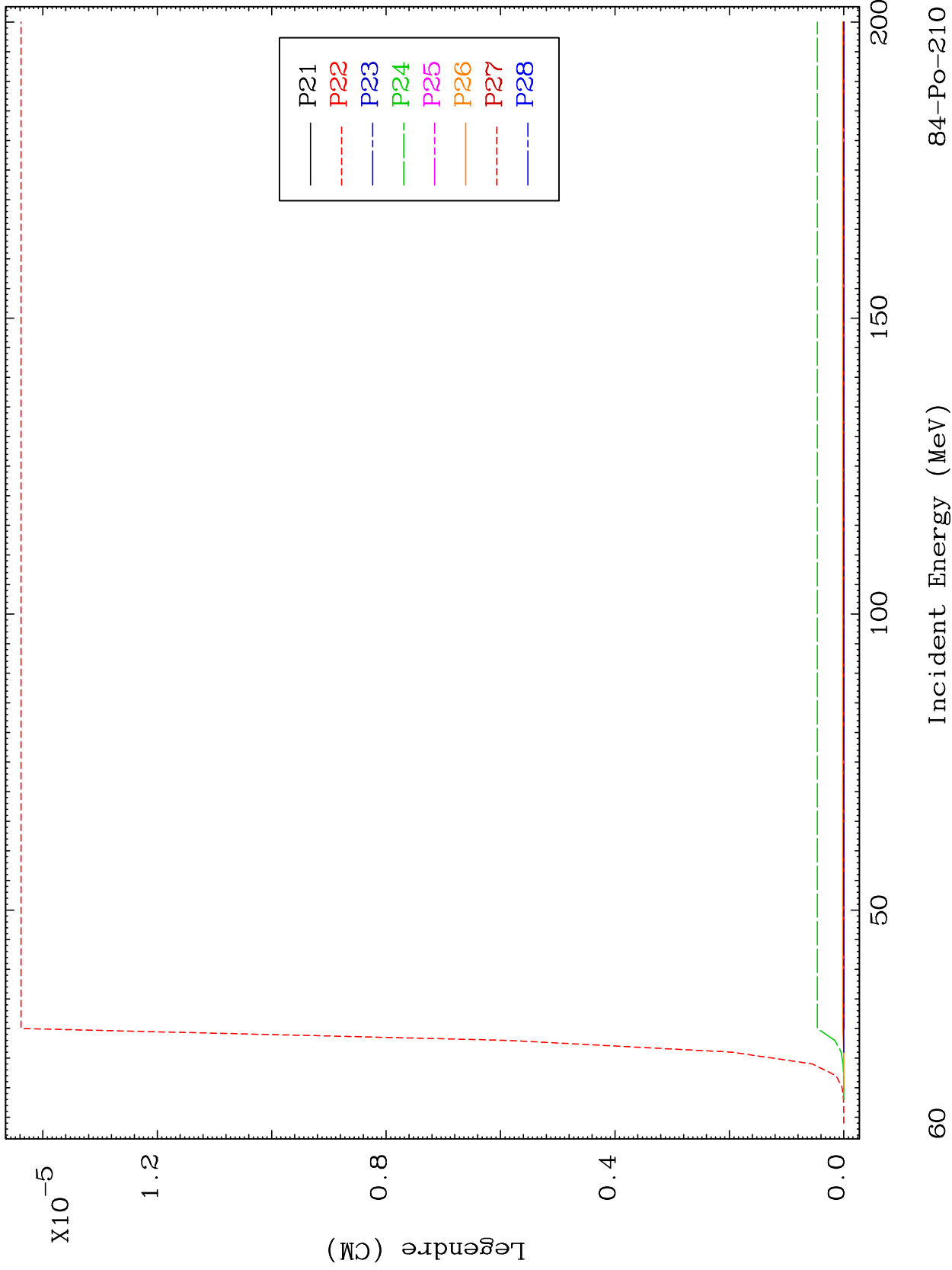
59

84-Po-210

MAT 8437

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

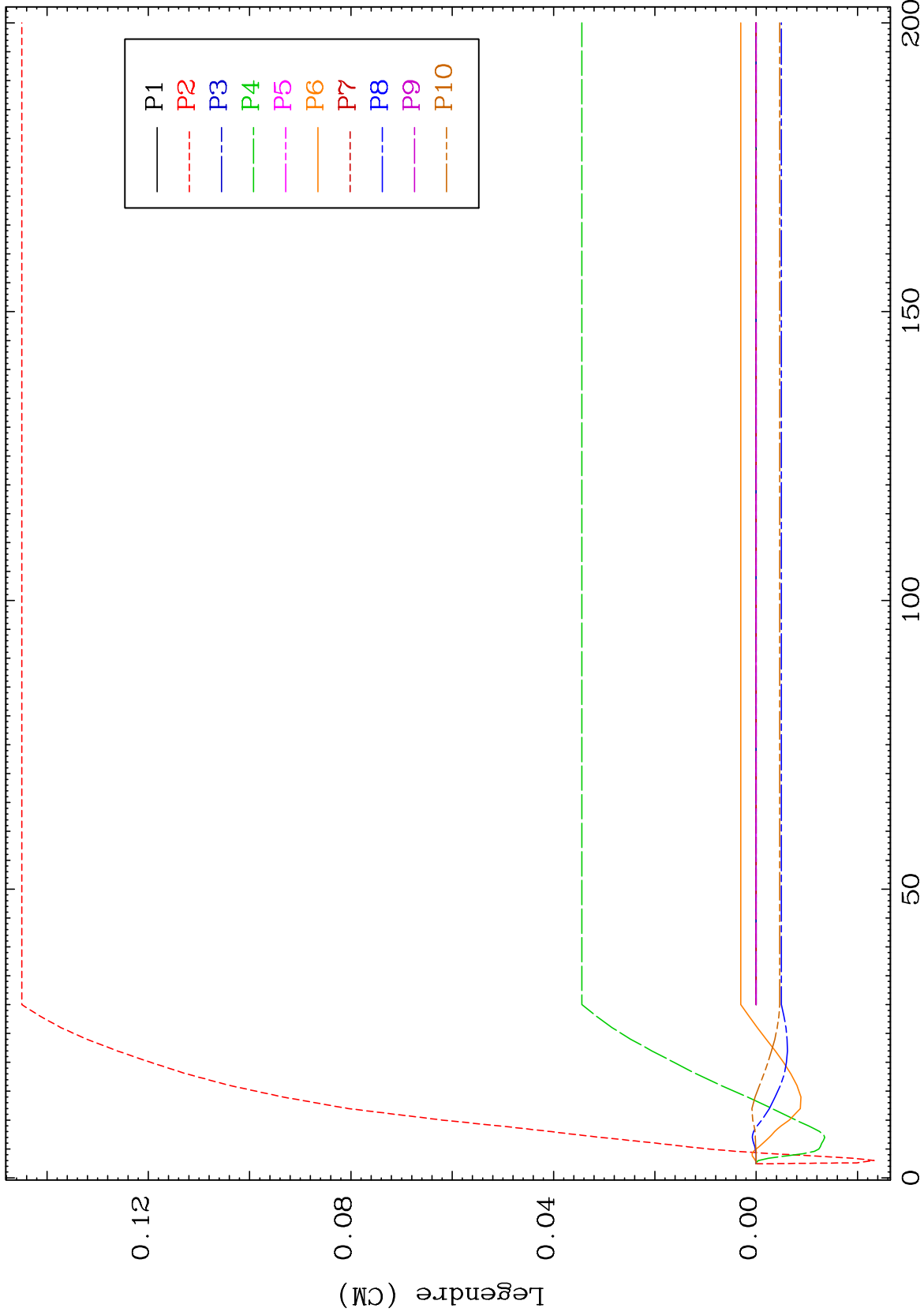
84-Po-210



MAT 8437

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

84-Po-210



61

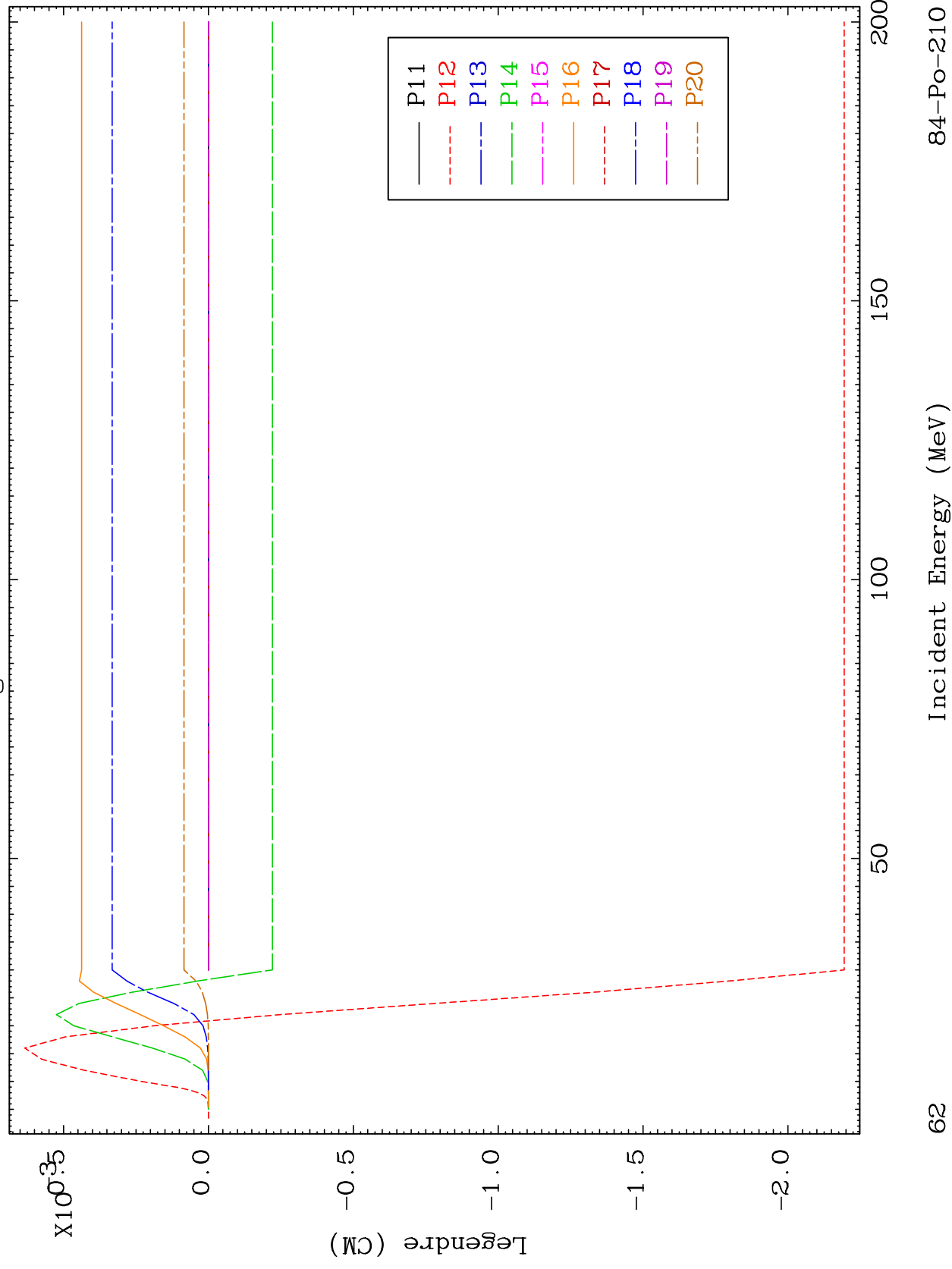
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



62

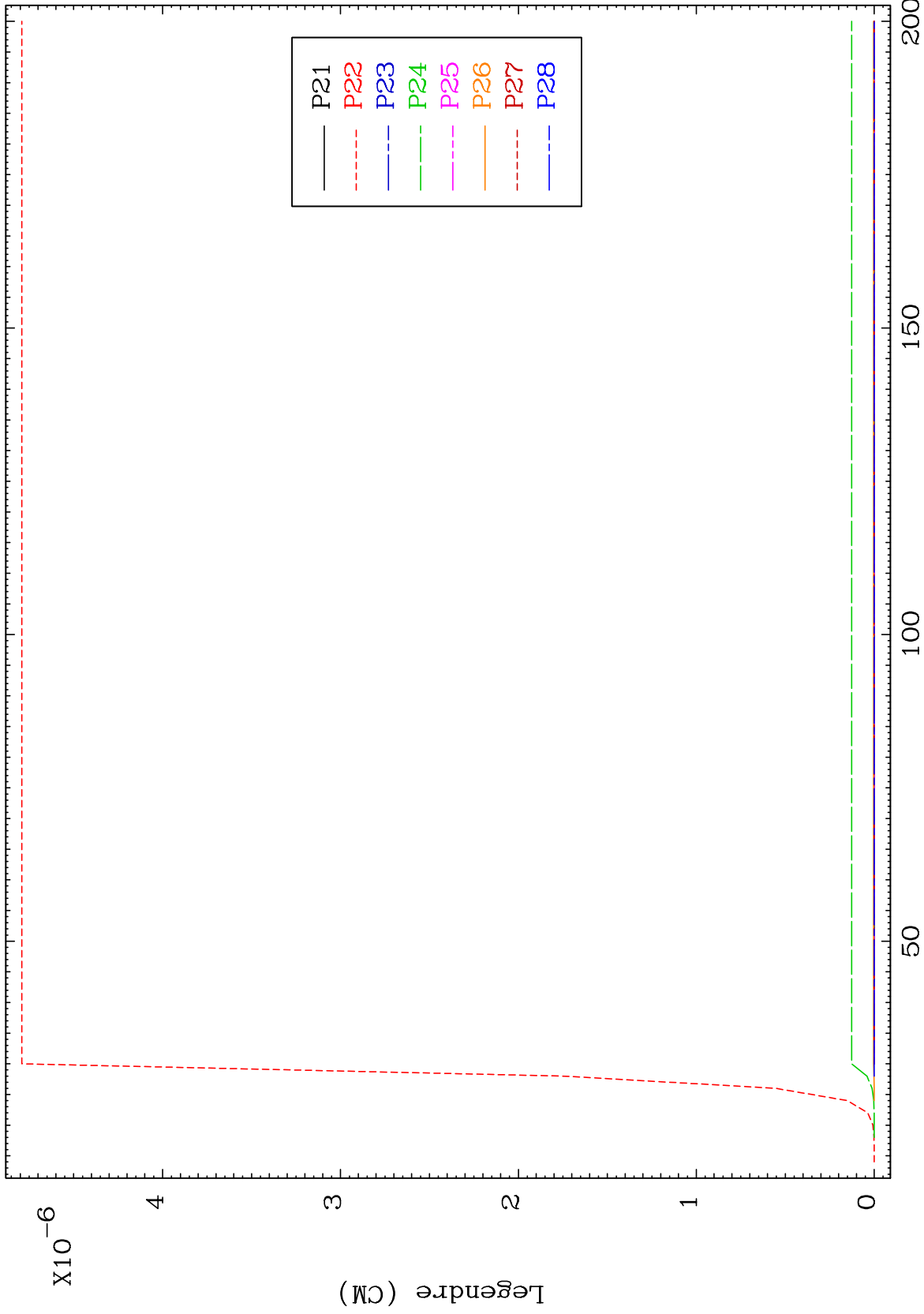
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



63

Incident Energy (MeV)

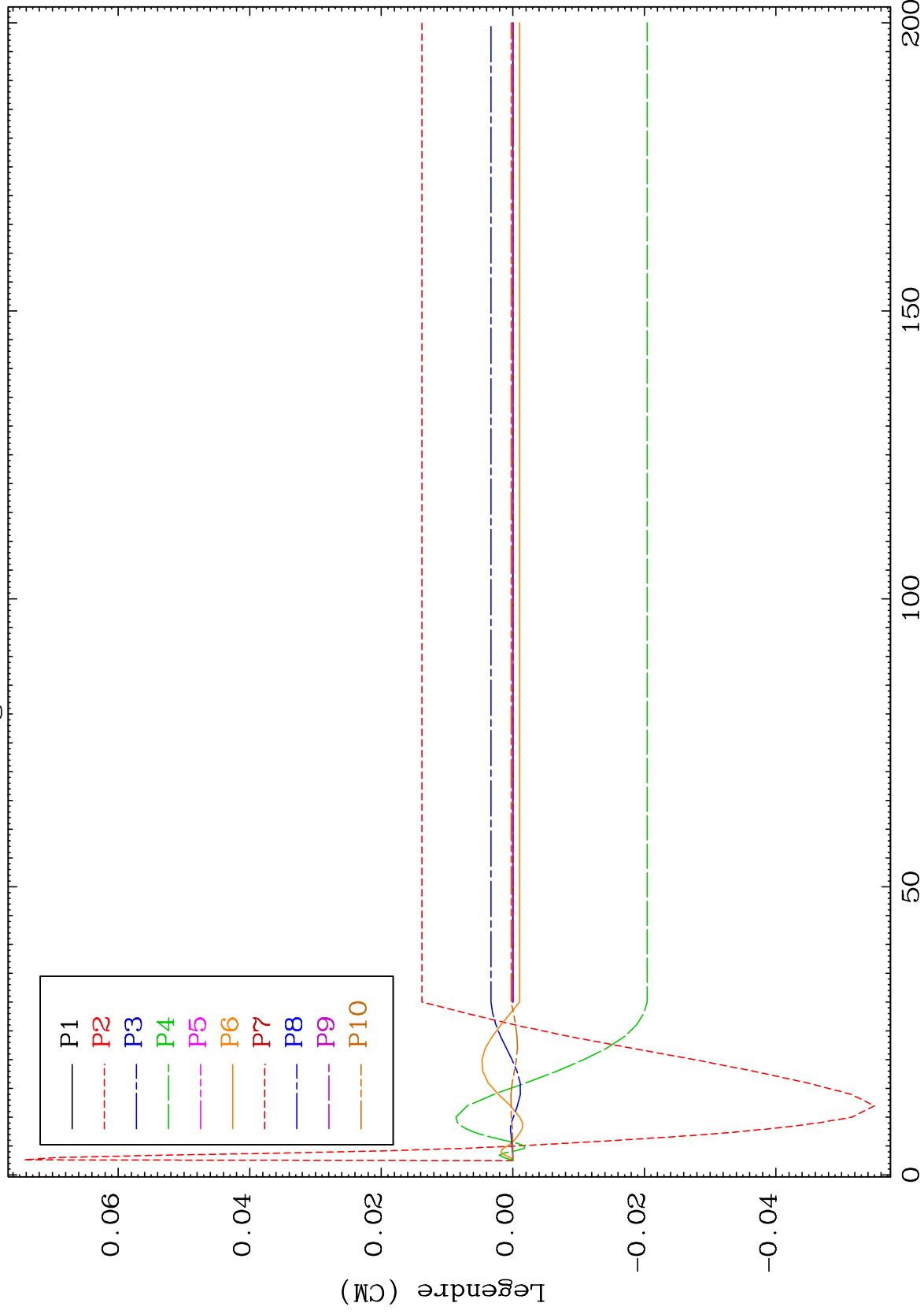
84-Po-210



MAT 8437

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

84-Po-210



64

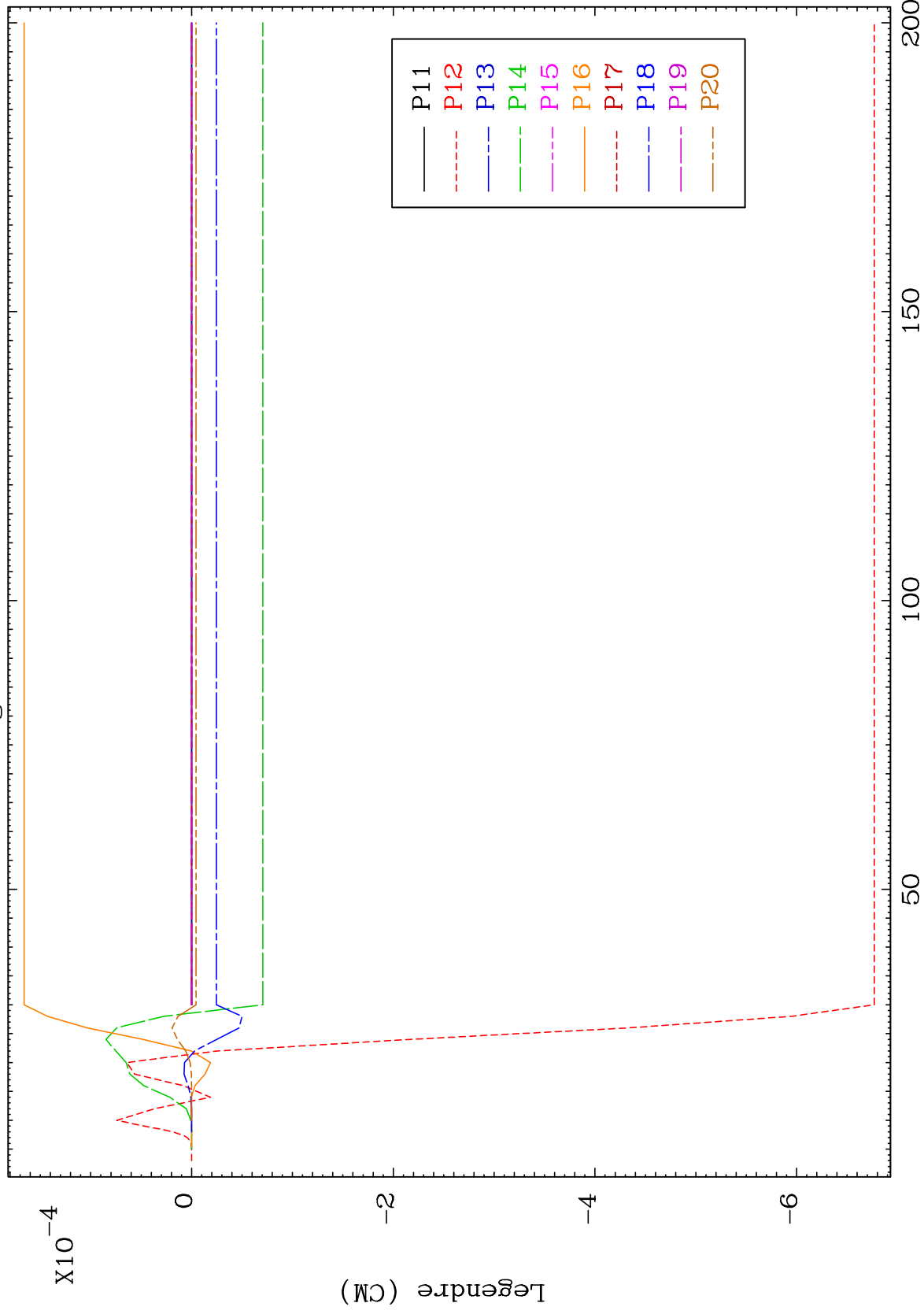
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



65

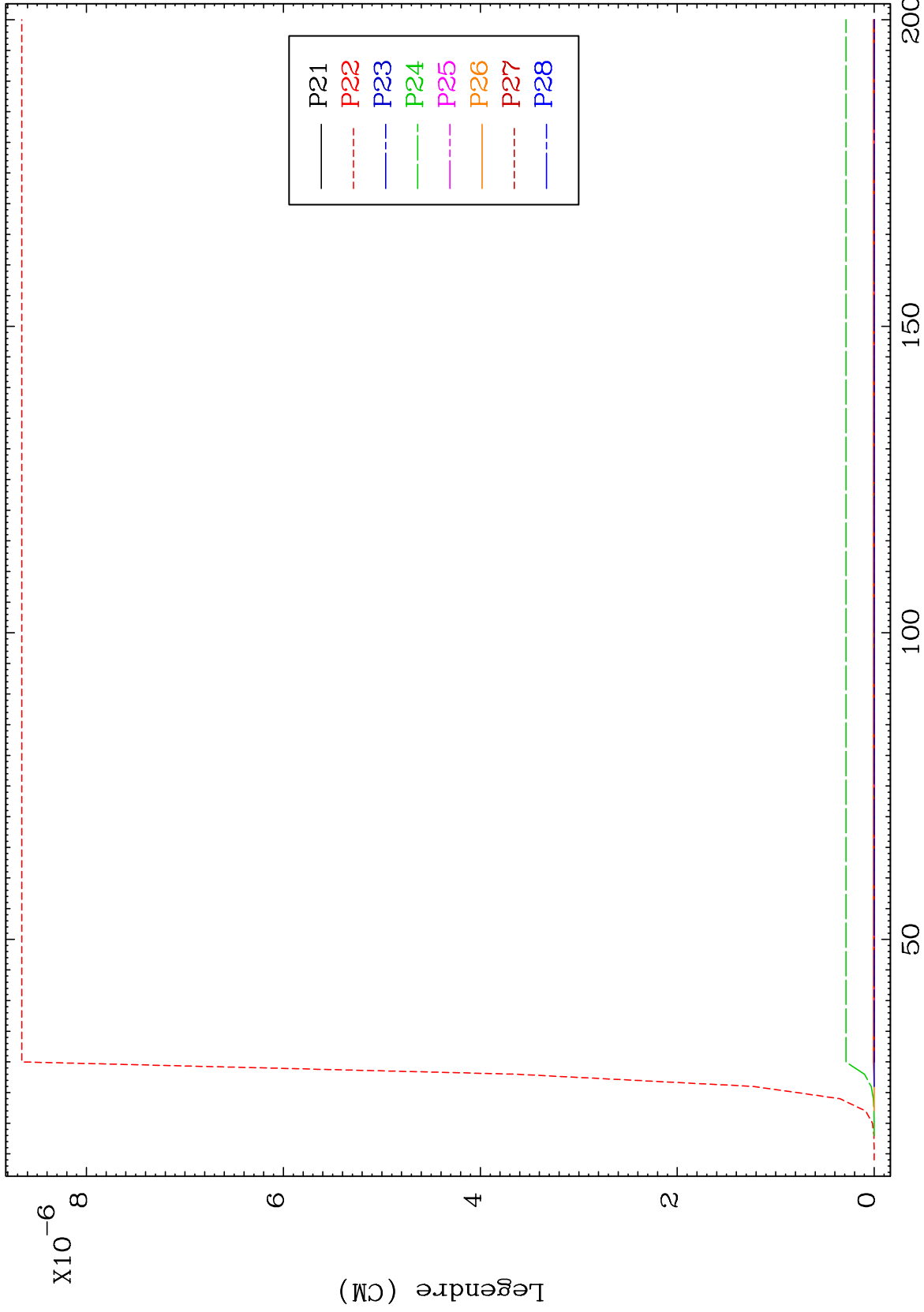
Incident Energy (MeV)

84-Po-210

MAT 8437

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

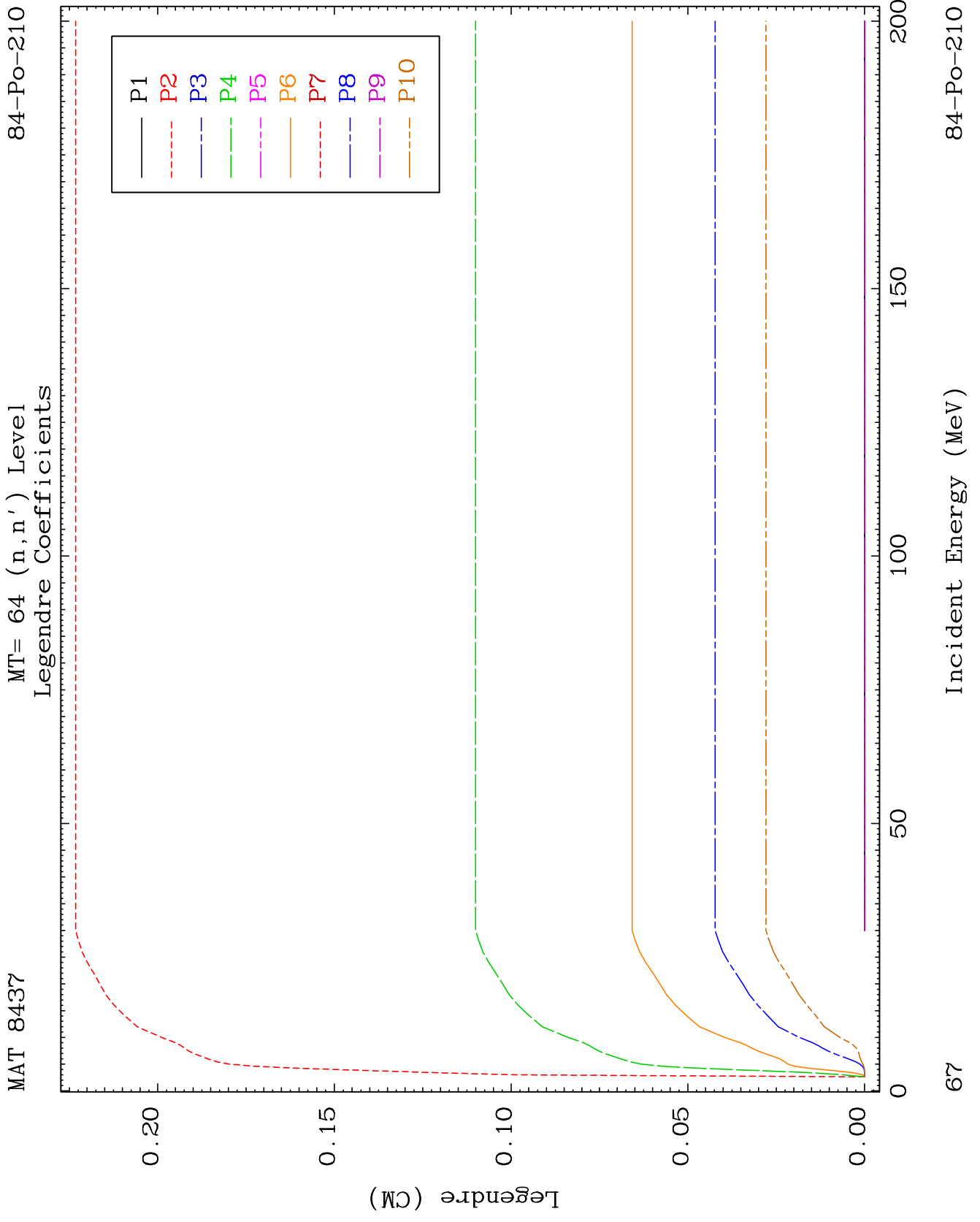
84-Po-210



66

Incident Energy (MeV)

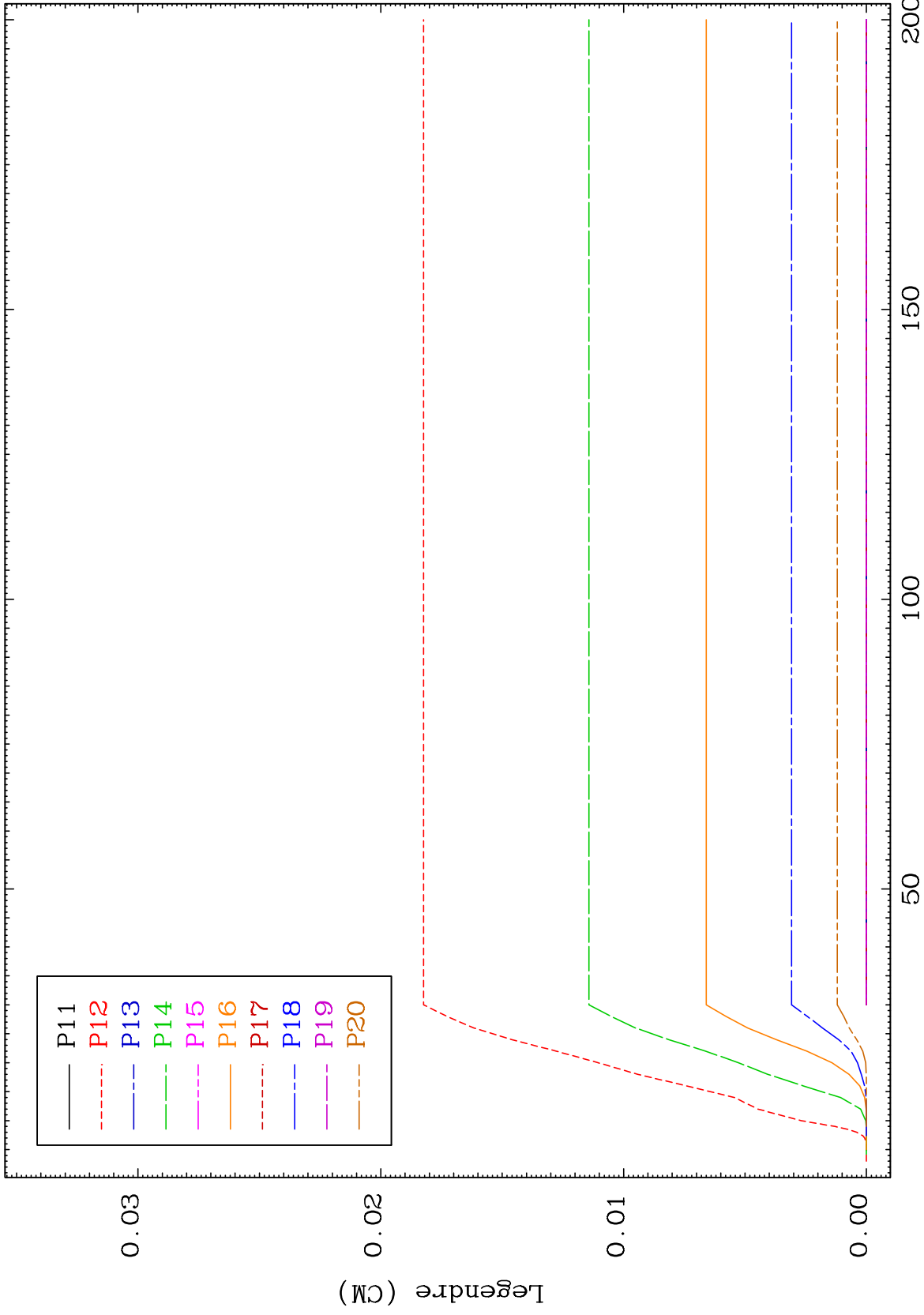
84-Po-210



MAT 8437

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

84-Po-210



68

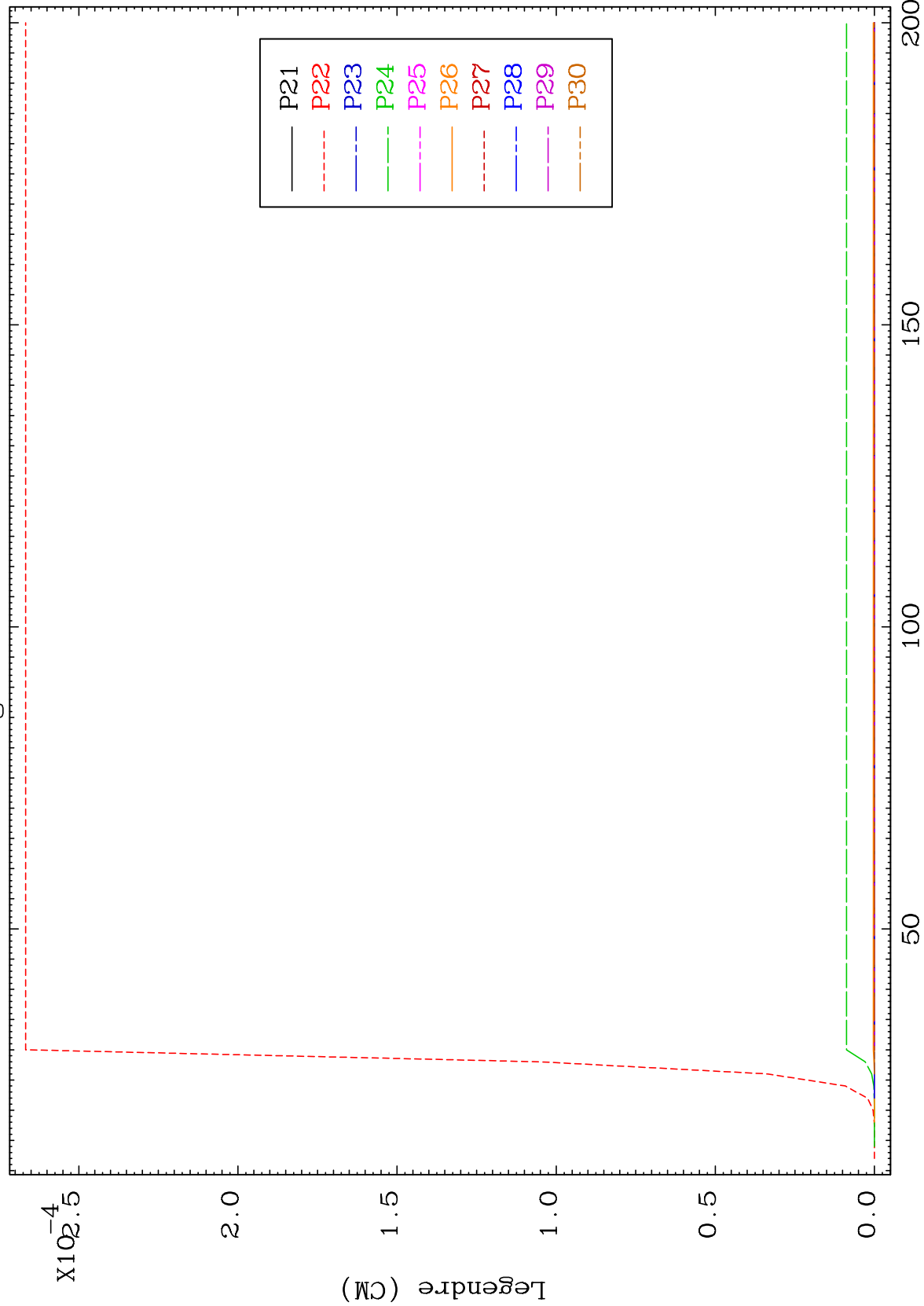
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



69

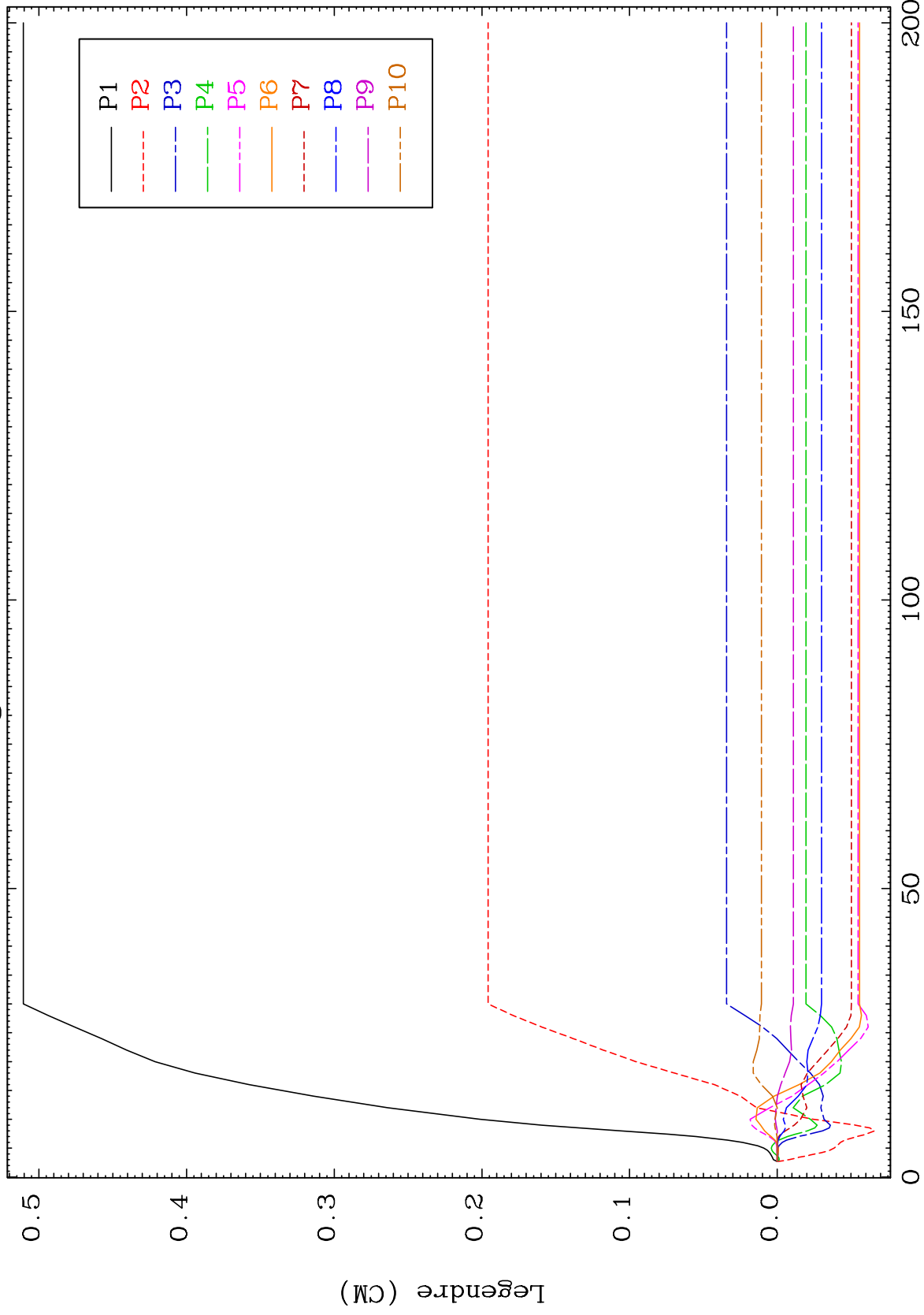
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



84-Po-210

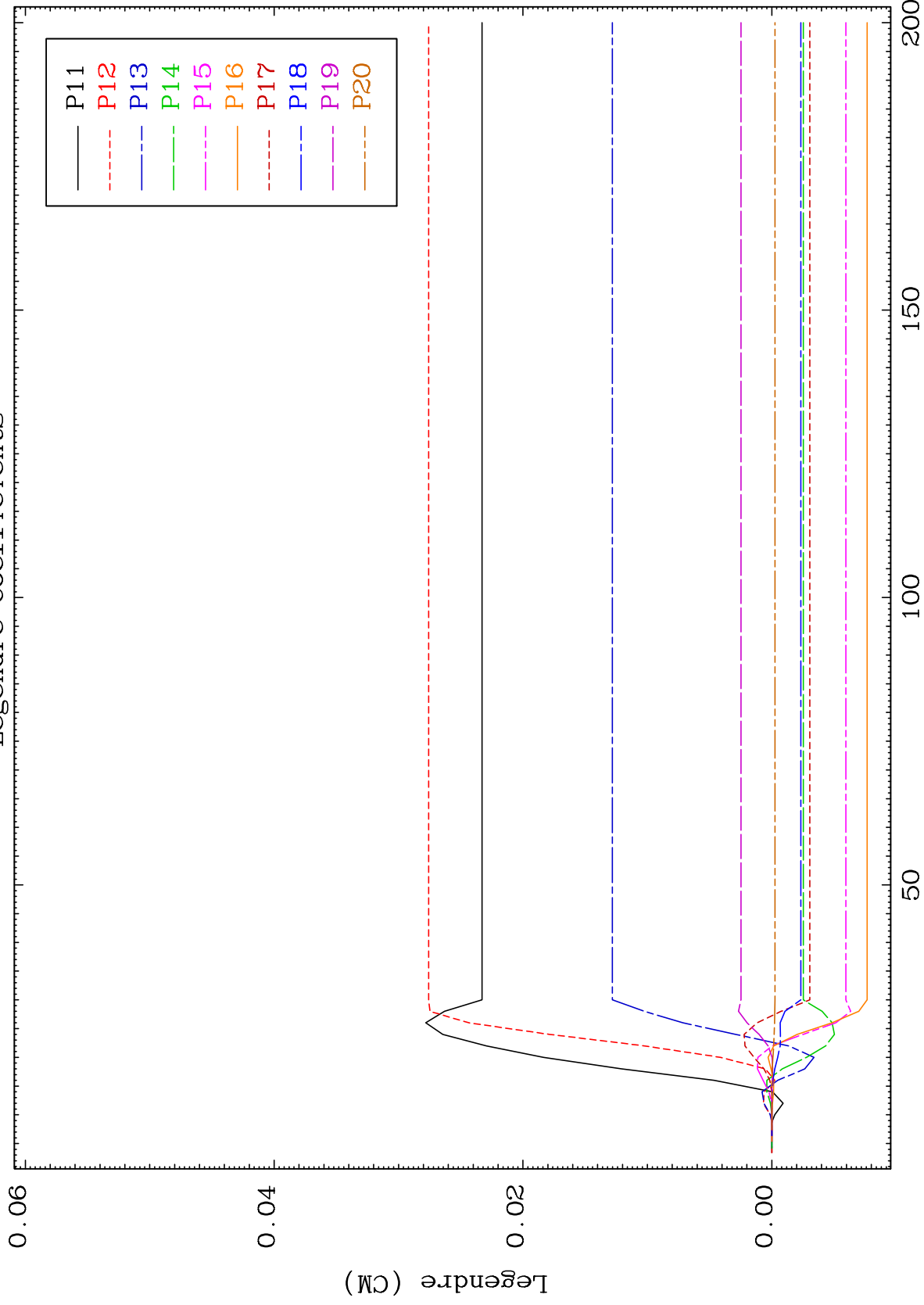
Incident Energy (MeV)

70

MAT 8437

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

84-Po-210

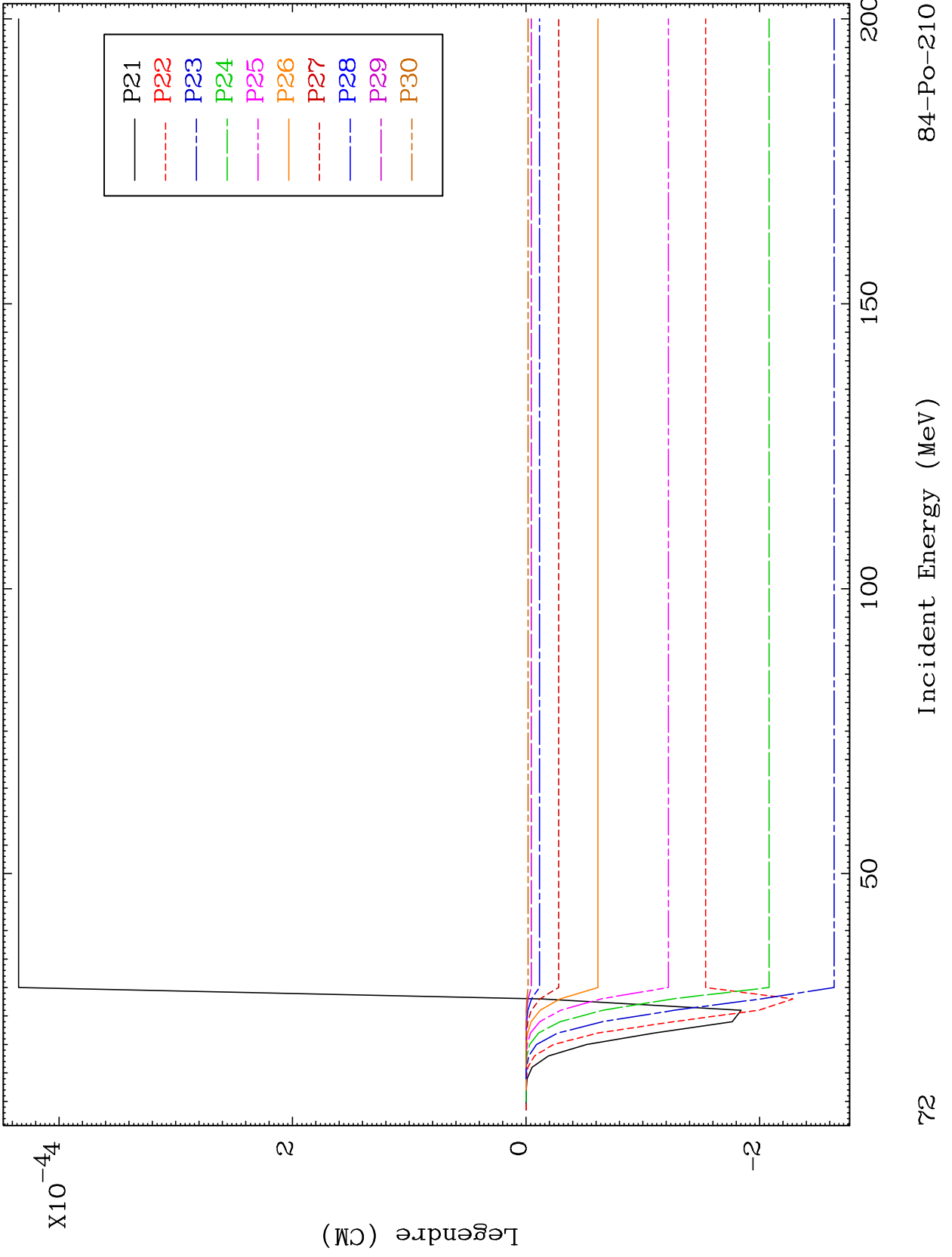




MAT 8437

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

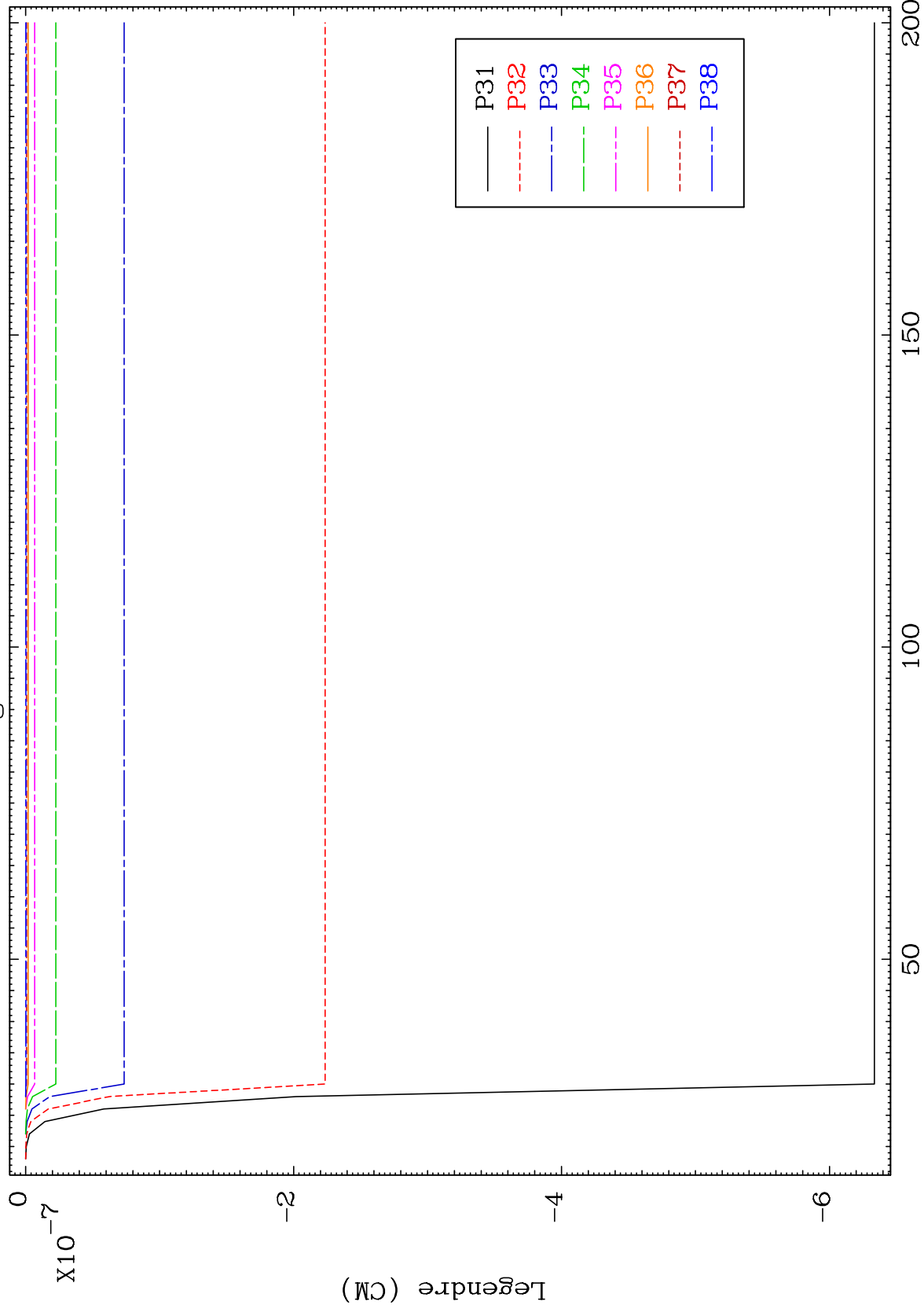
84-Po-210



MAT 8437

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

84-Po-210



73

Incident Energy (MeV)

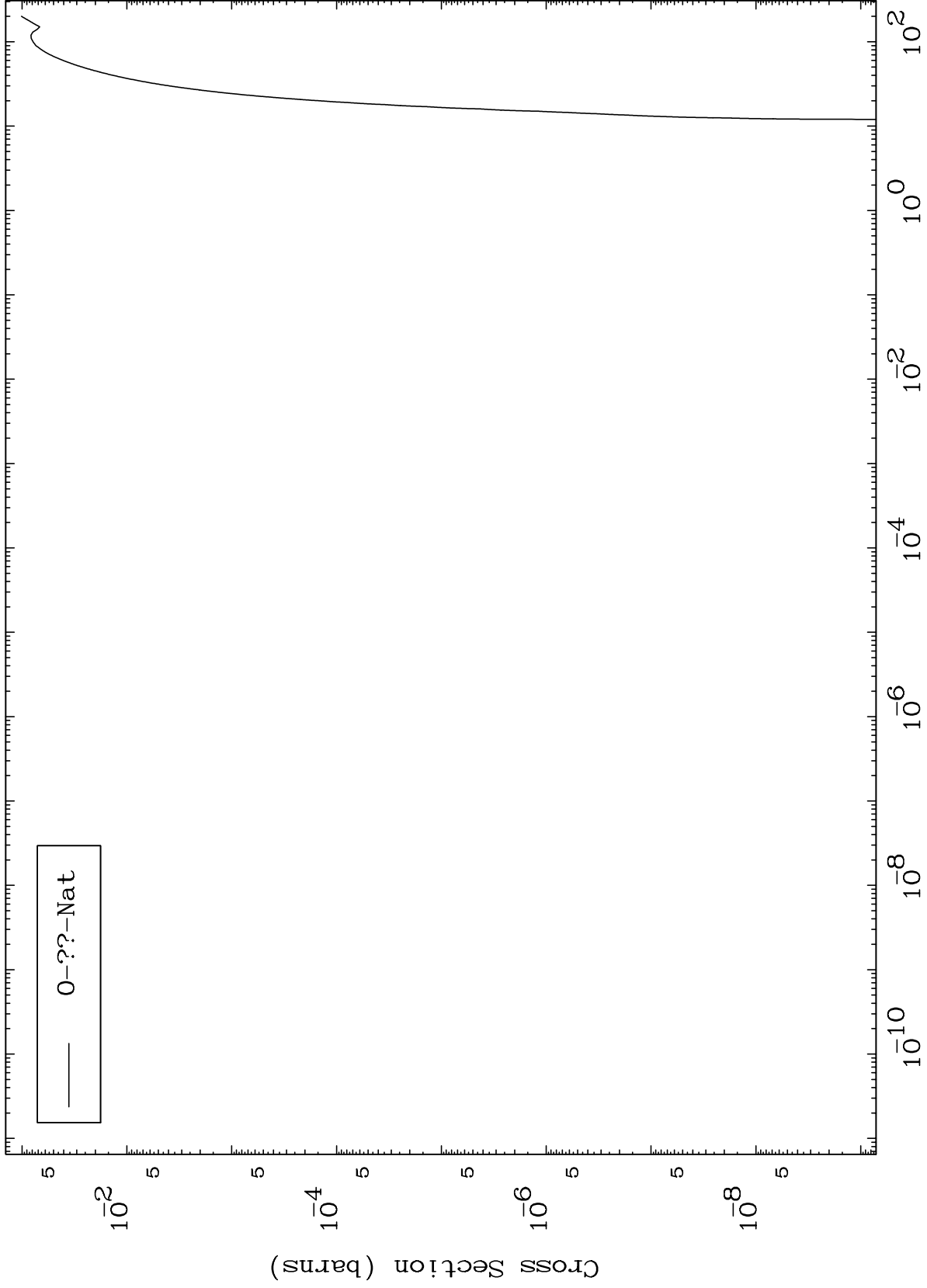
84-Po-210

MAT 8437

Fission

84-Po-210

Radionuclide Production Cross Section



74

Incident Energy (MeV)

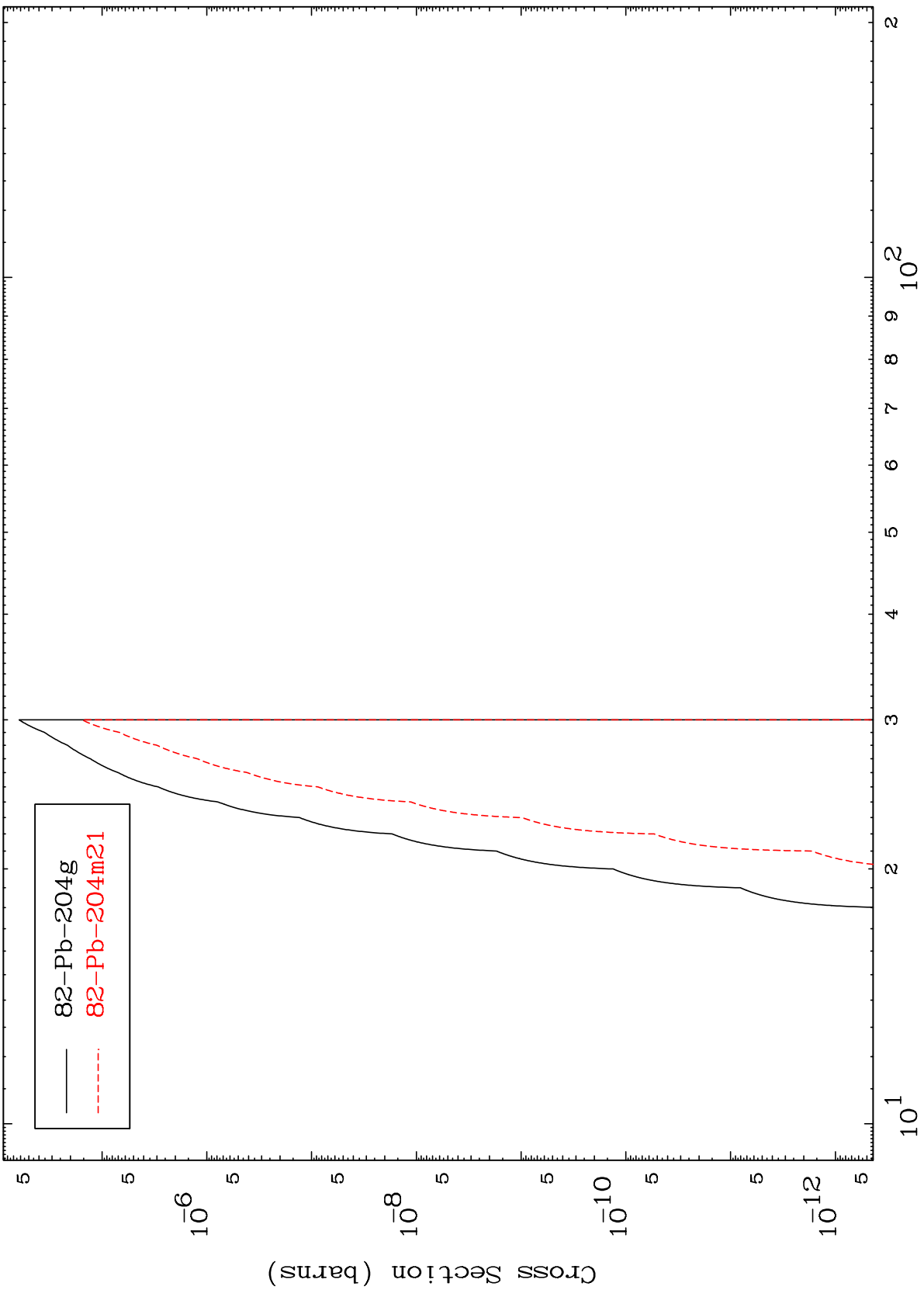
84-Po-210

MAT 8437

(n,3n)  $\alpha$

84-Po-210

Radionuclide Production Cross Section



75

Incident Energy (MeV)

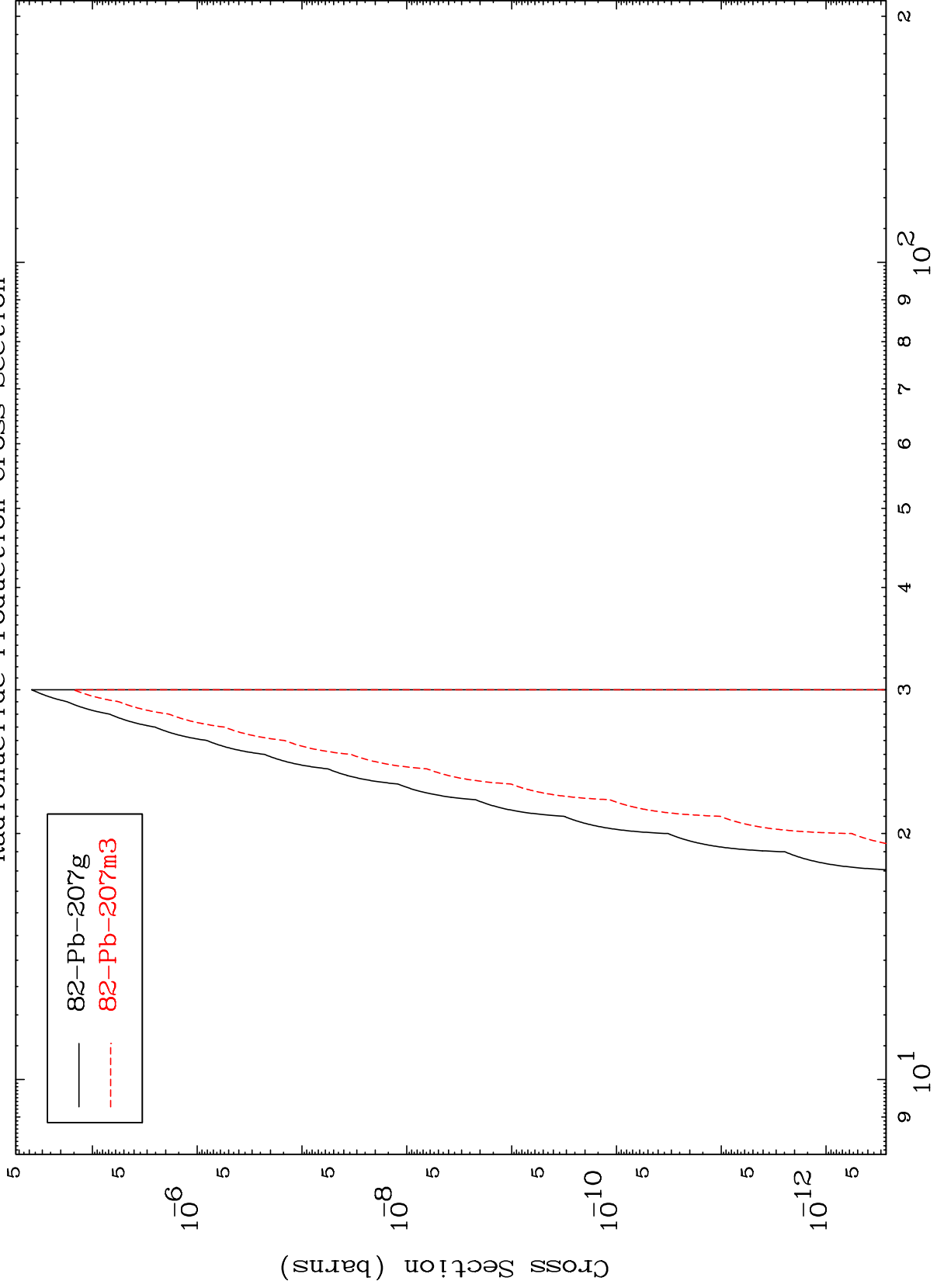
84-Po-210

MAT 8437

(n,n') He-3

84-Po-210

Radionuclide Production Cross Section



76

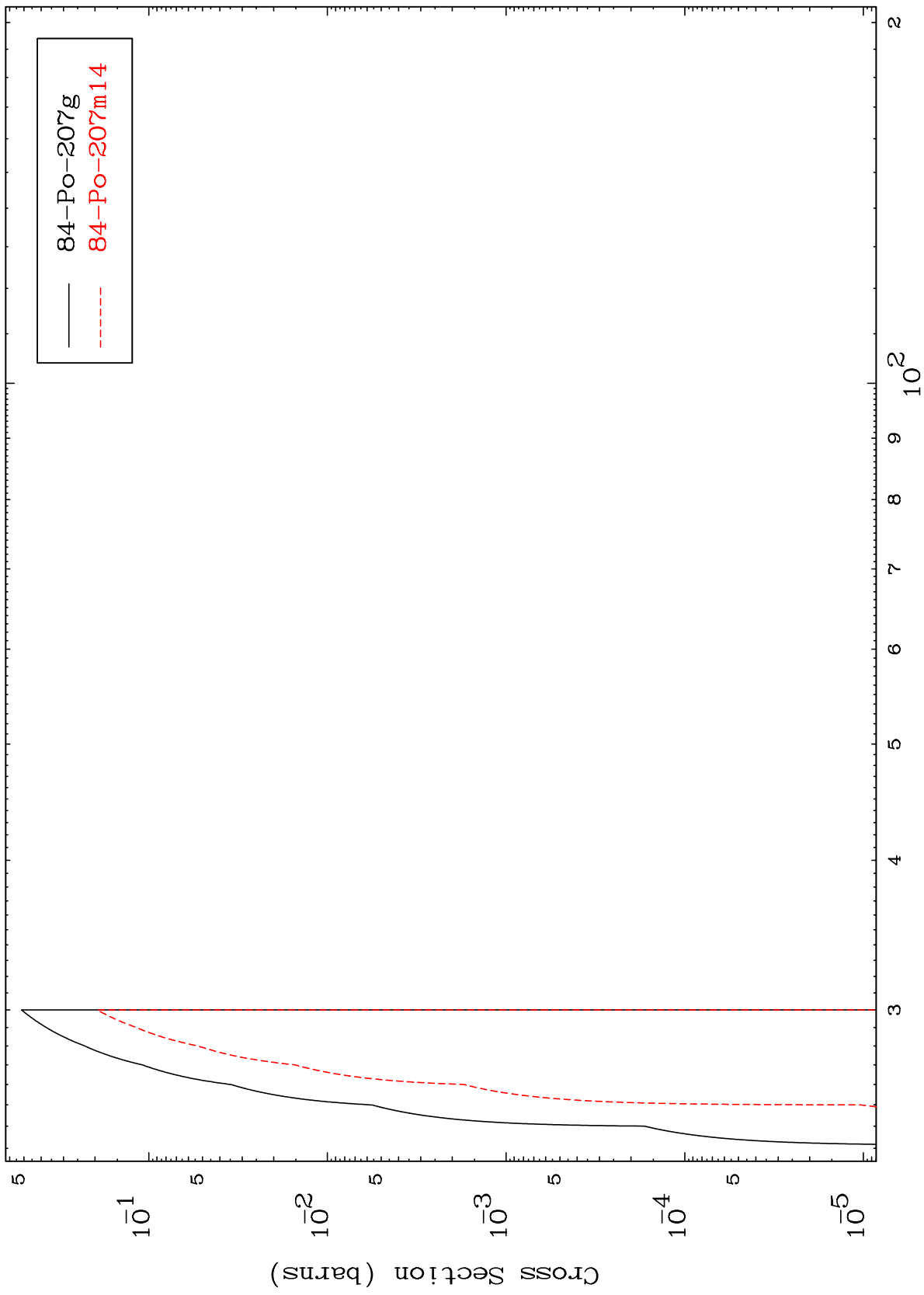
Incident Energy (MeV)

84-Po-210

MAT 8437

84-Po-210

(n,4n)  
Radionuclide Production Cross Section



77

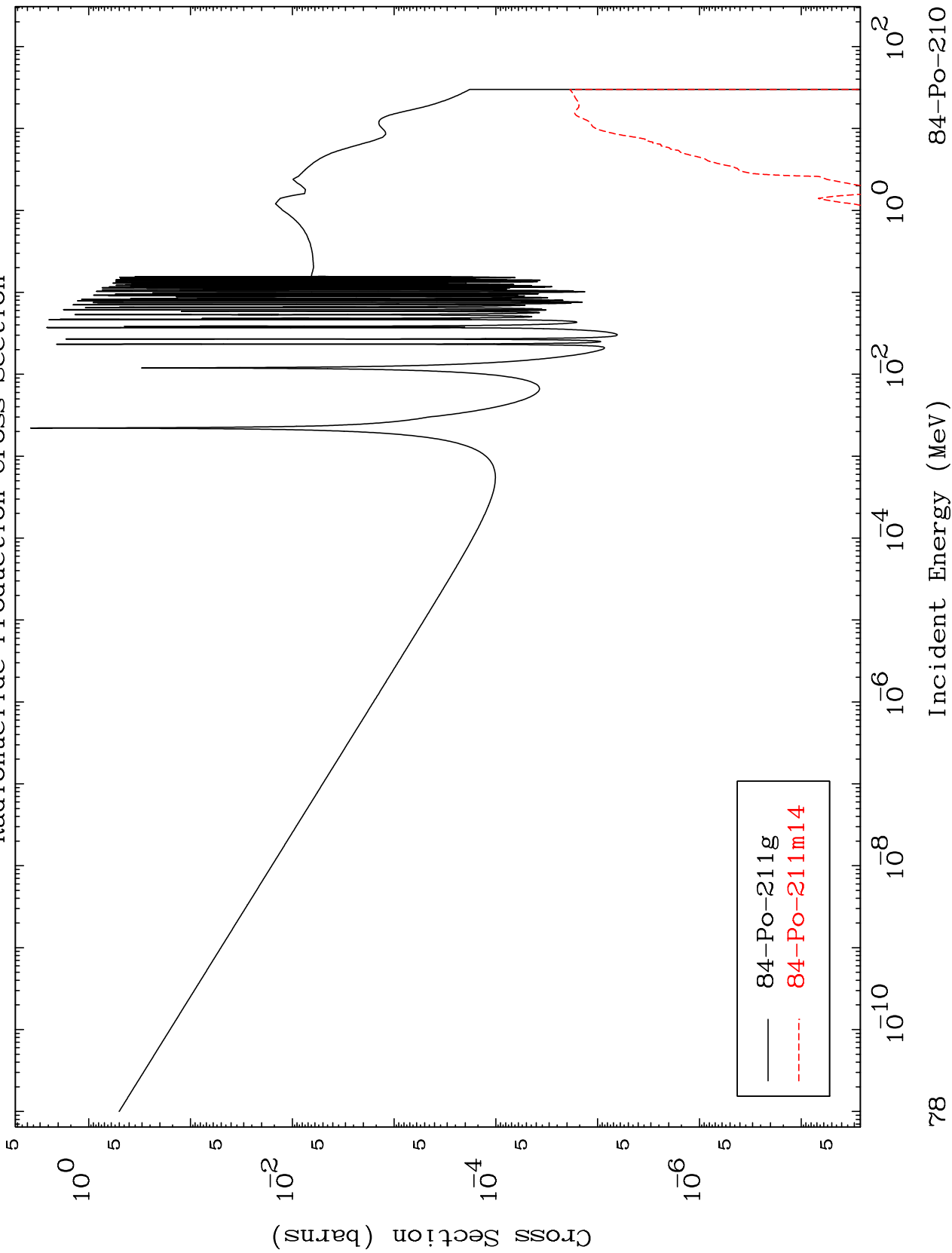
Incident Energy (MeV)

84-Po-210

MAT 8437

84-Po-210

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

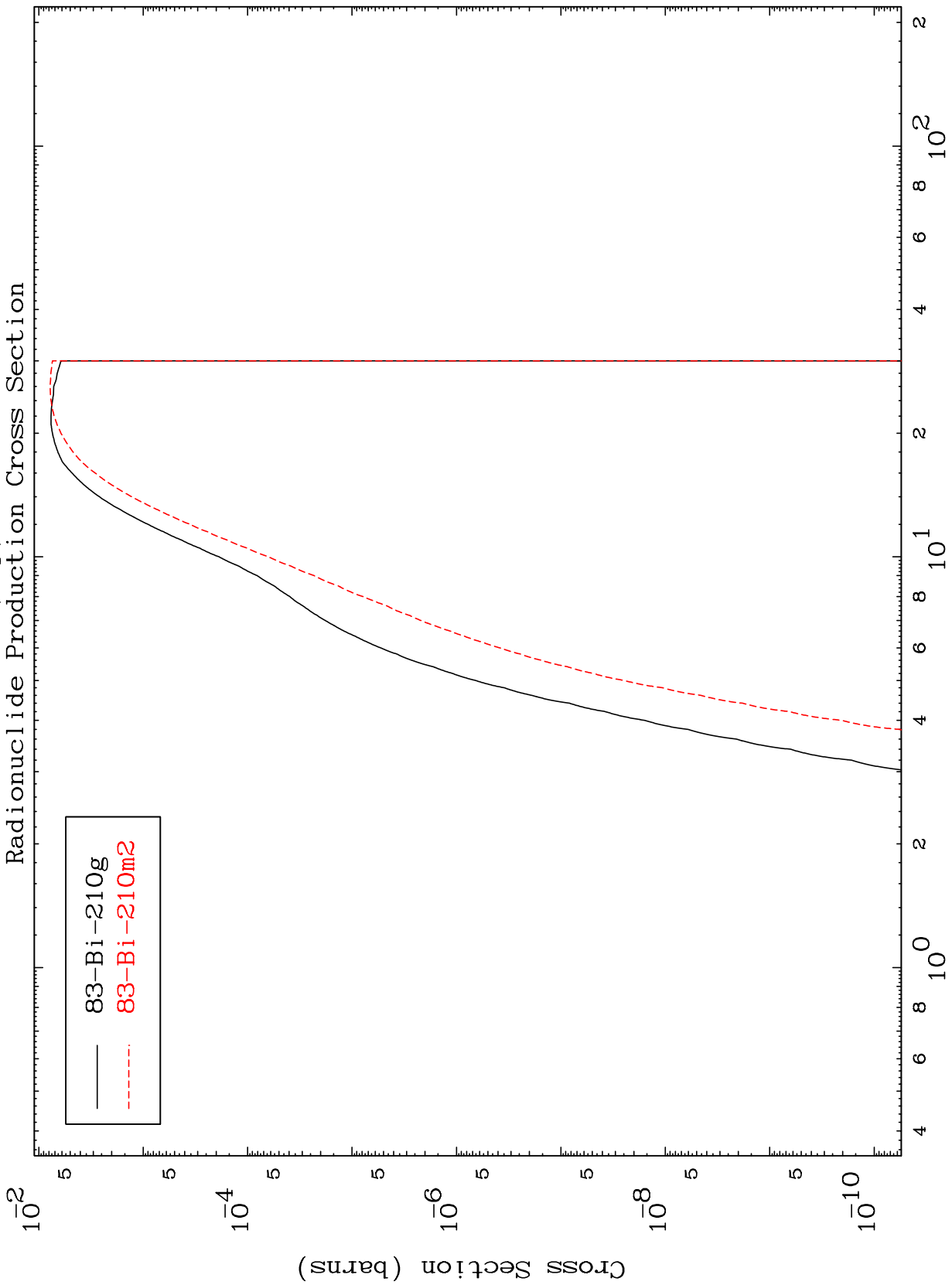


78

MAT 8437

84-Po-210

(n,p)  
Radionuclide Production Cross Section



— 83-Bi-210g  
- - - 83-Bi-210m2

79

Incident Energy (MeV)

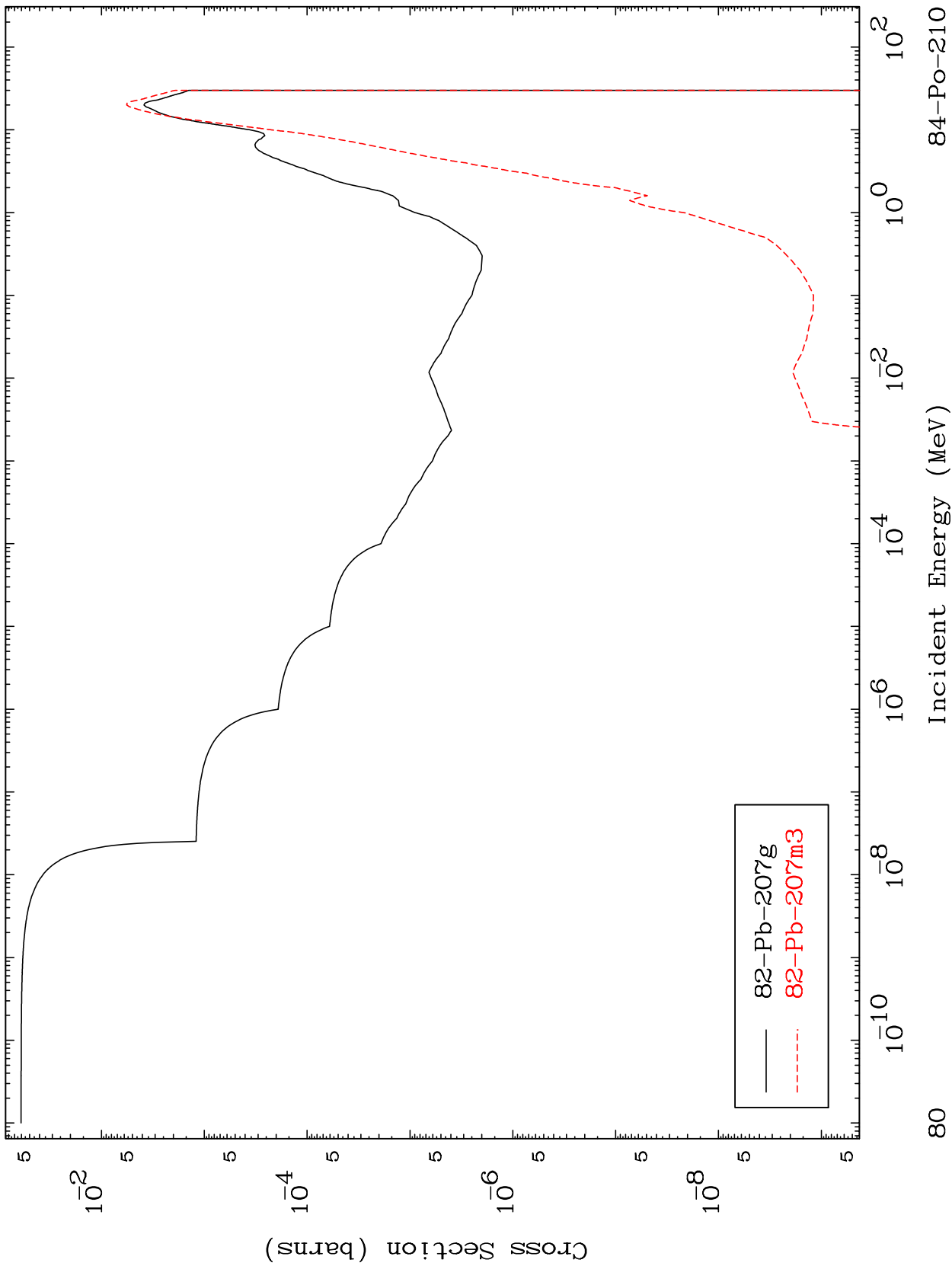
84-Po-210



MAT 8437

84-Po-210

Radionuclide Production Cross Section



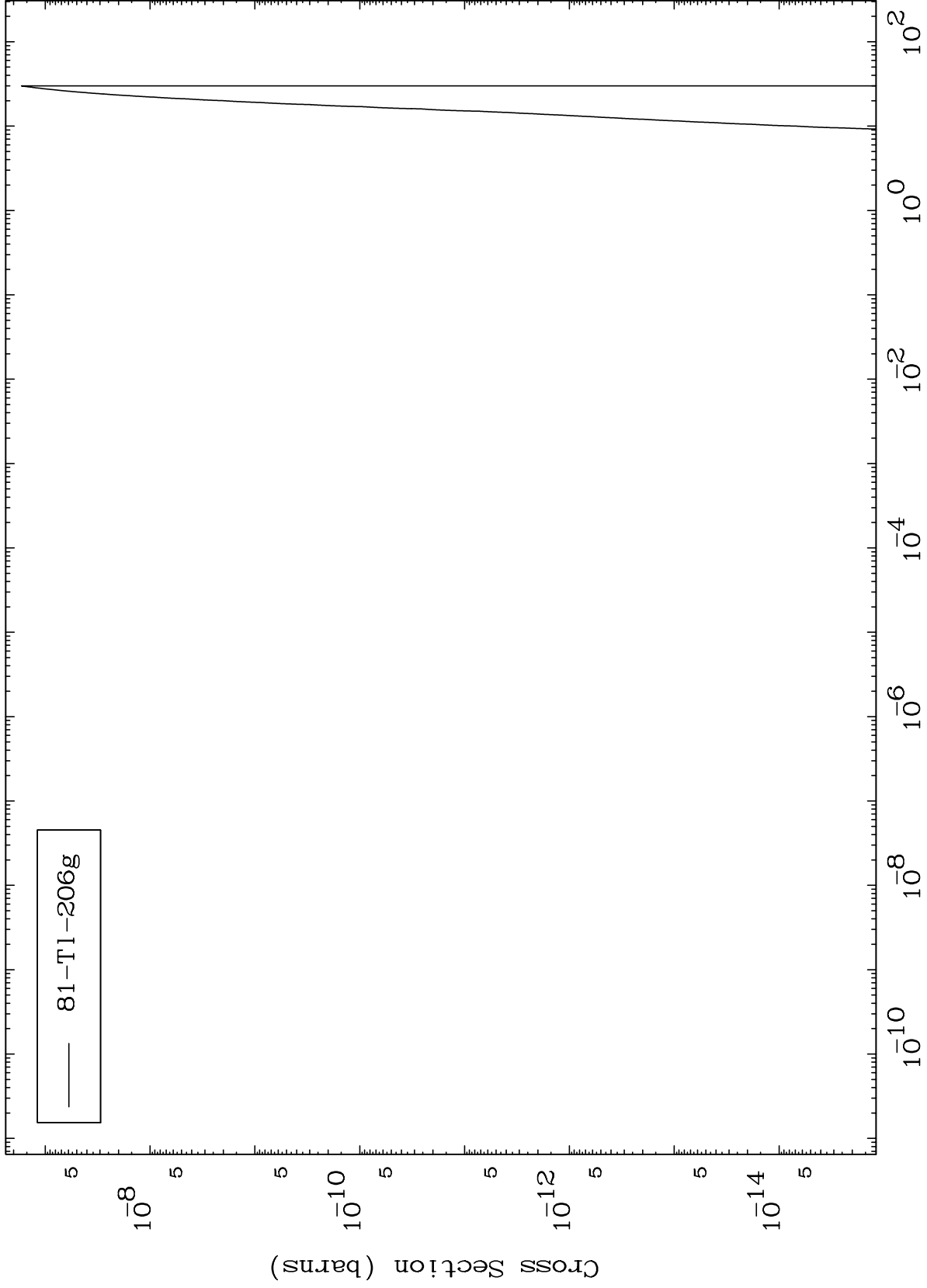
MAT 8437

(n,p)  $\alpha$

84-Po-210

Radionuclide Production Cross Section

81-Tl-206g



81

Incident Energy (MeV)

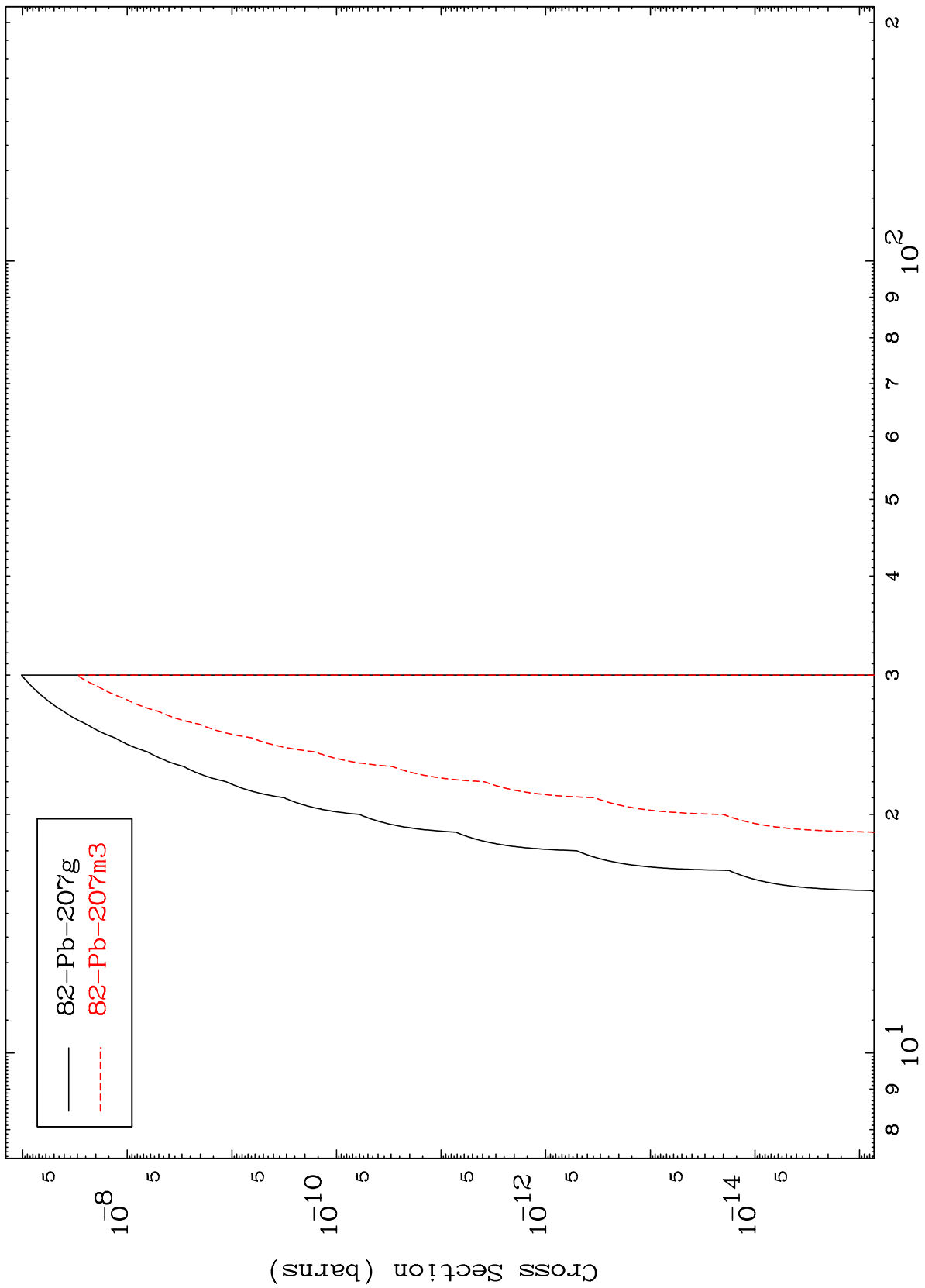
84-Po-210

MAT 8437

(n,p) t

84-Po-210

Radionuclide Production Cross Section



82

Incident Energy (MeV)

84-Po-210