

Program EVALPLOT  
(Version 2021-1)

by

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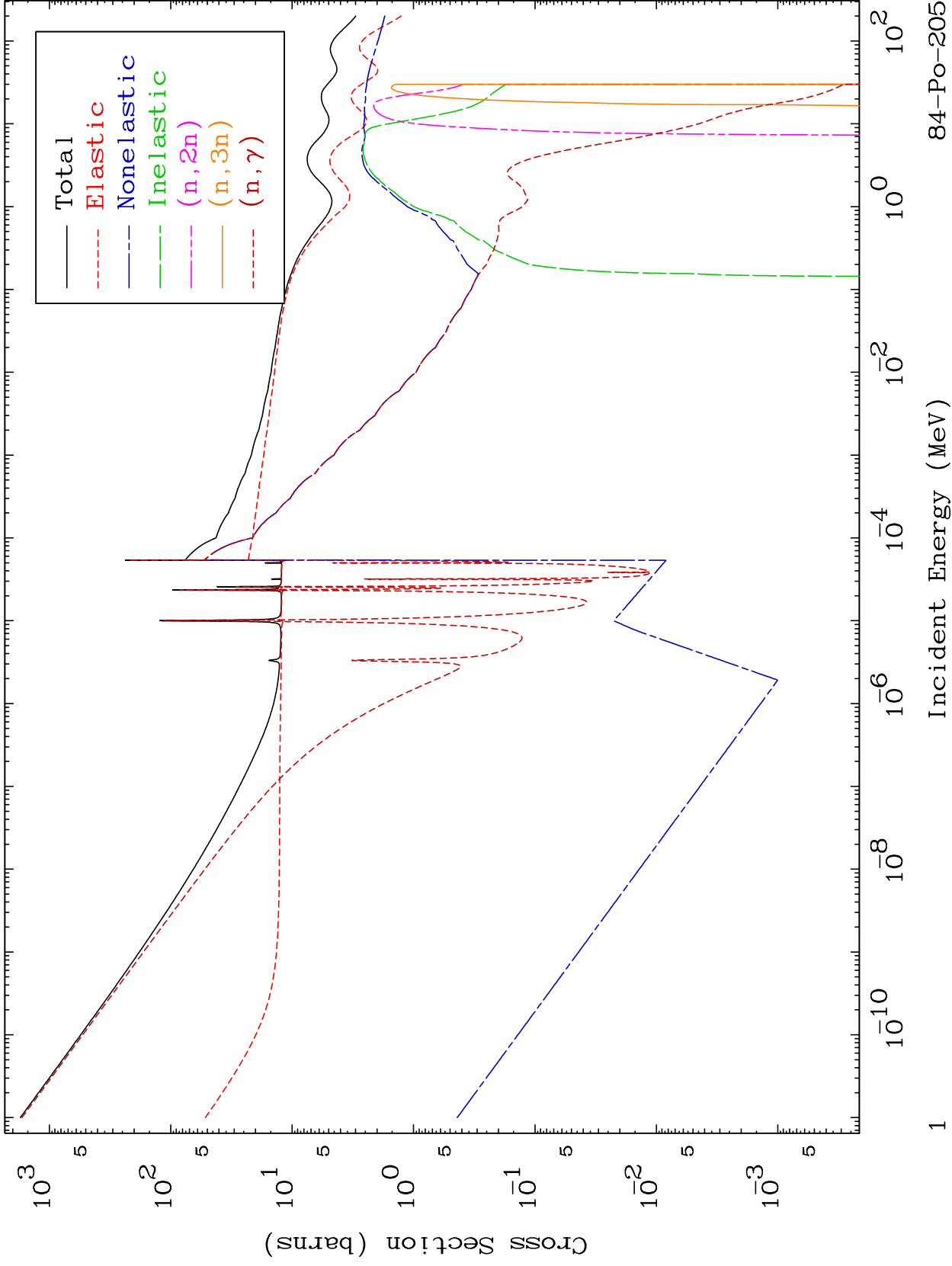
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8422

Neutron Major  
293 Kelvin Cross Sections

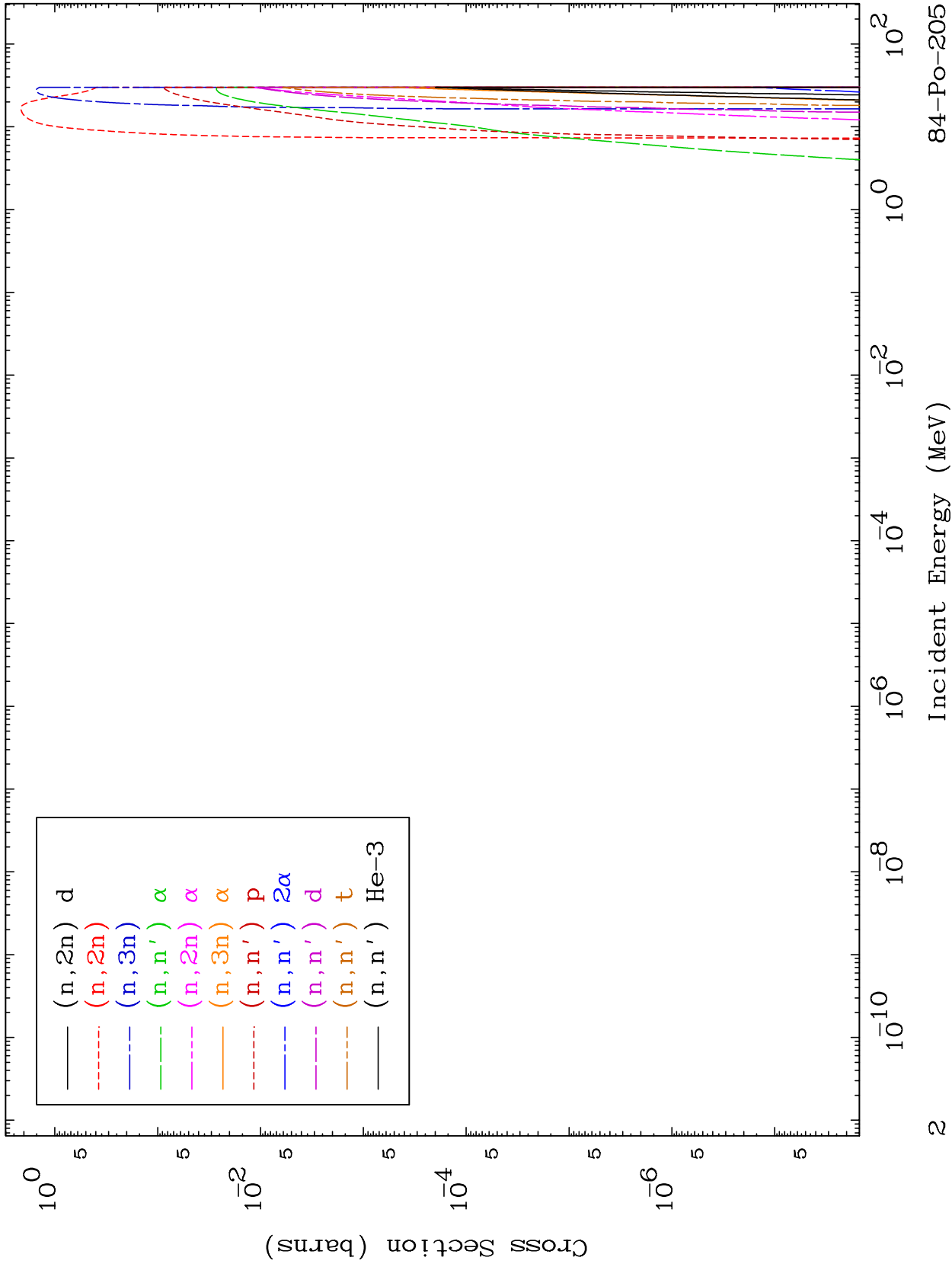
84-Po-205



MAT 8422

Neutron Absorption  
293 Kelvin Cross Sections

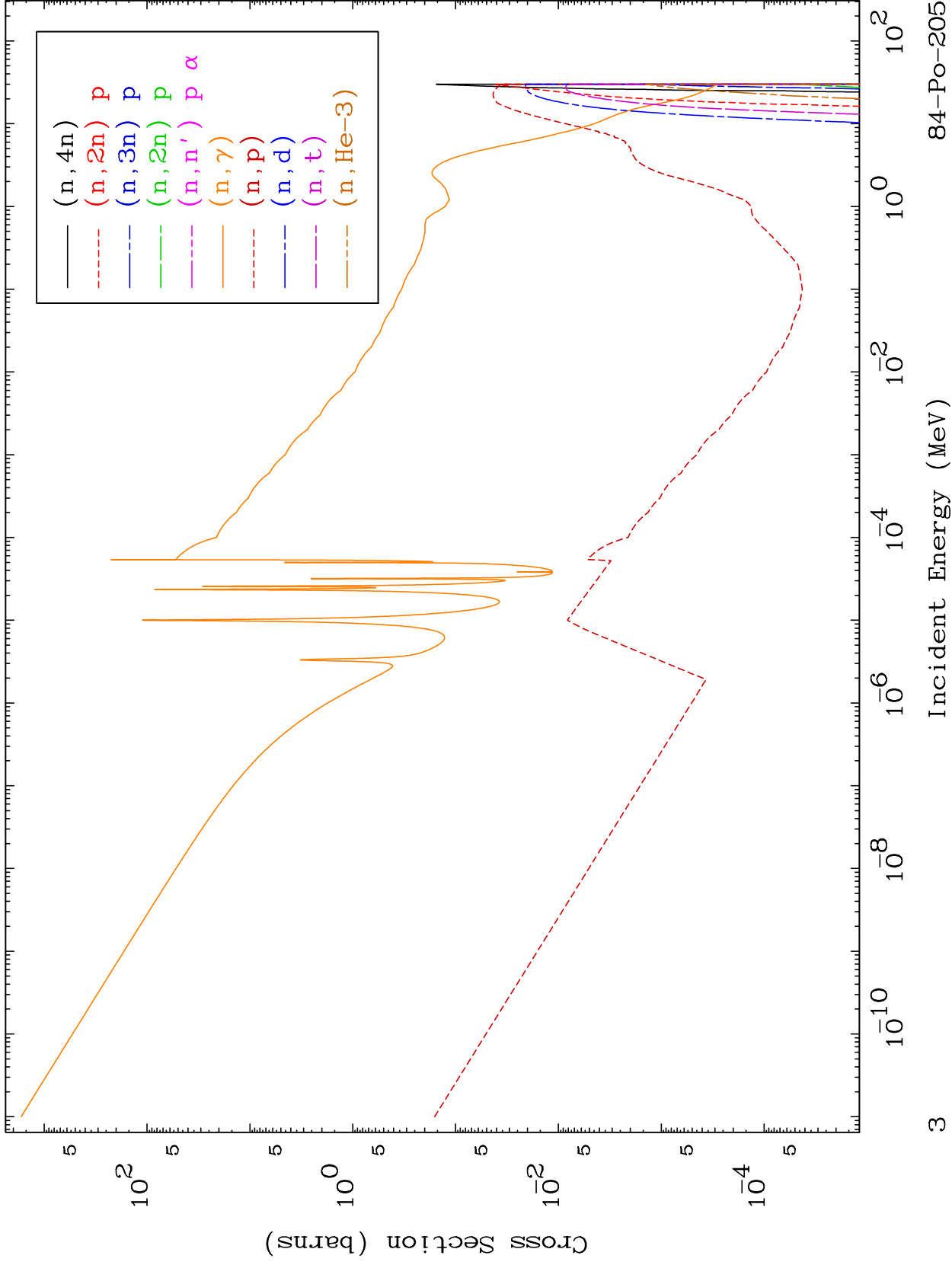
84-Po-205



MAT 8422

Neutron Absorption  
293 Kelvin Cross Sections

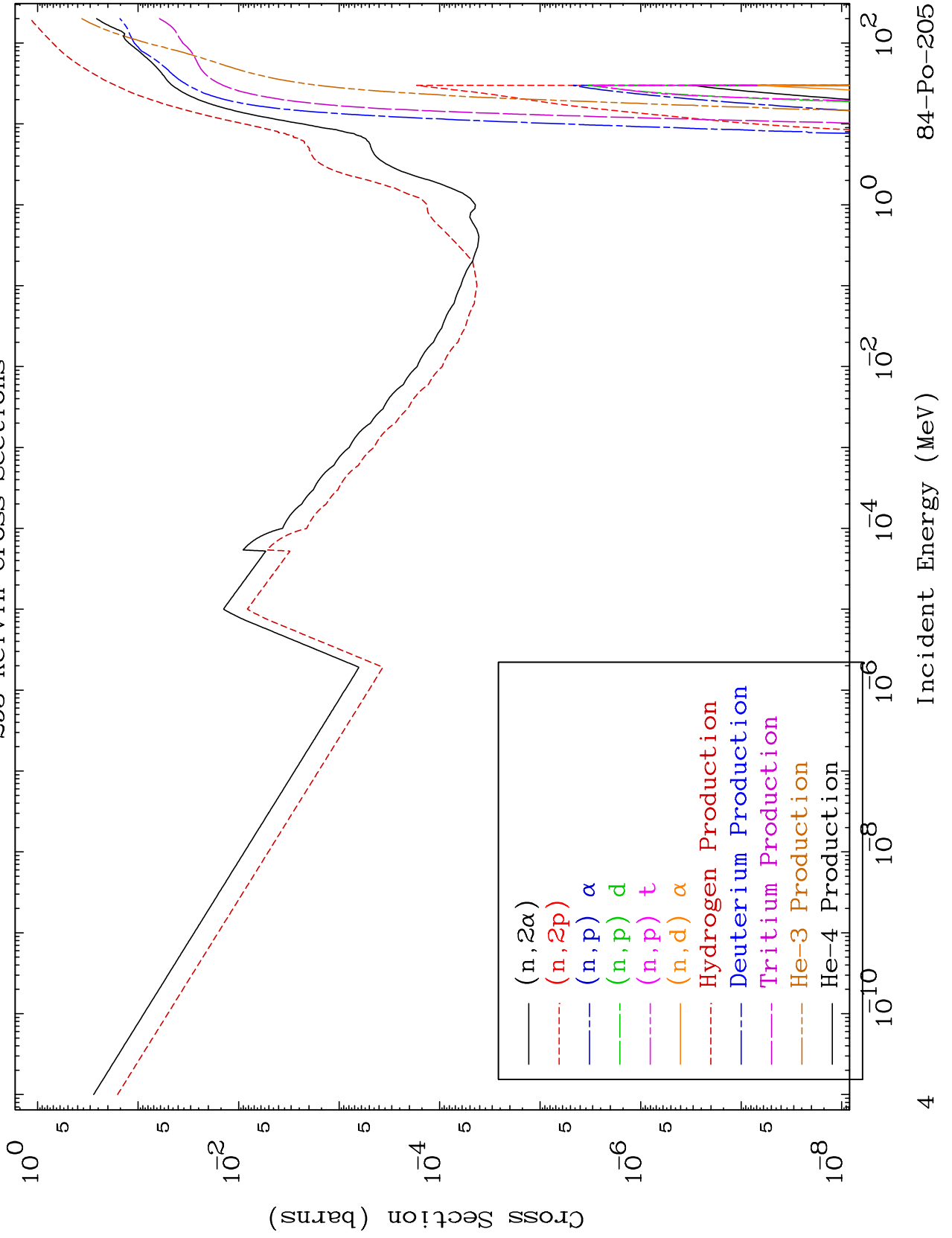
84-Po-205



MAT 8422

Neutron Absorption  
293 Kelvin Cross Sections

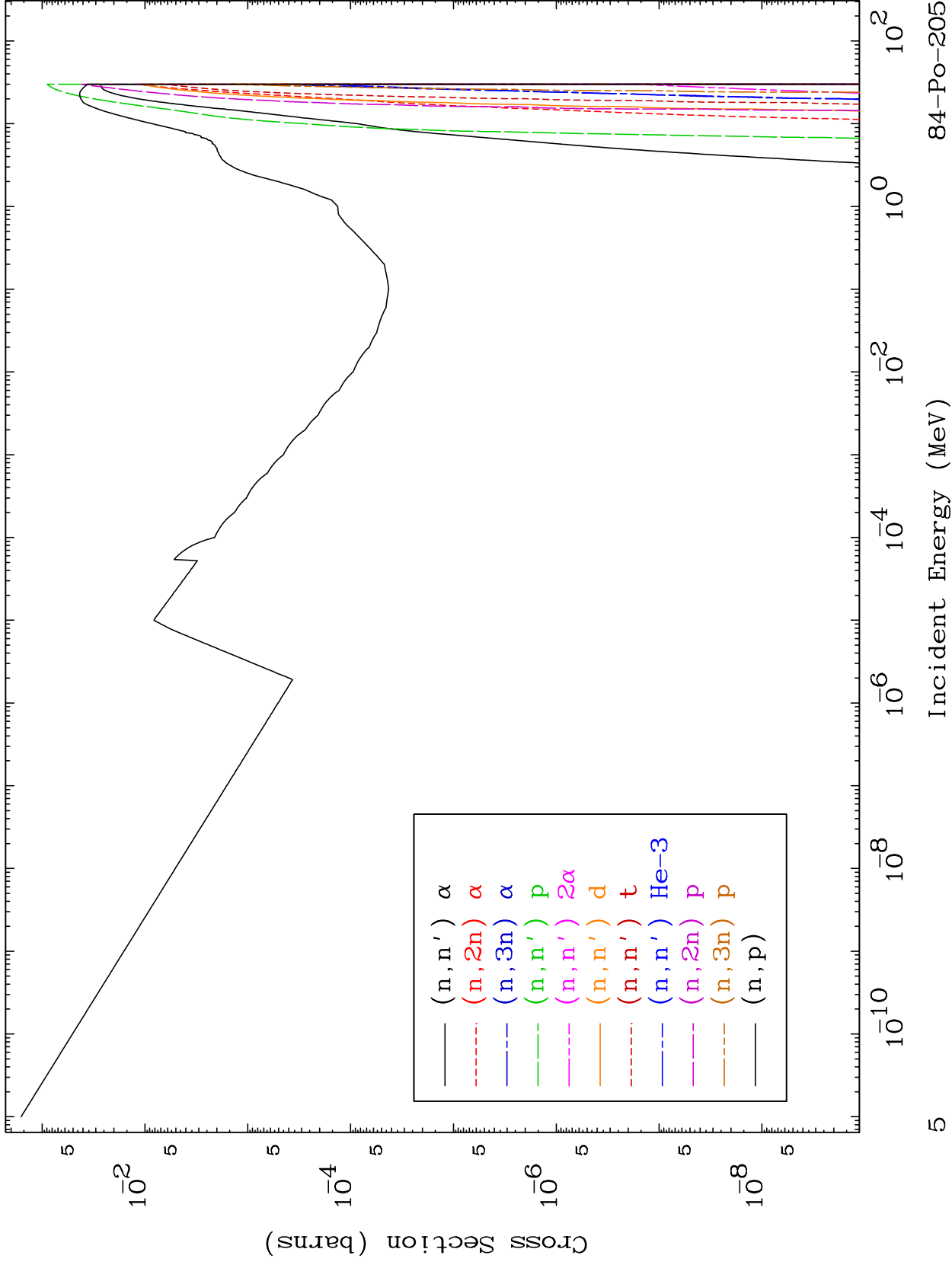
84-Po-205



MAT 8422

Charged Particle  
293 Kelvin Cross Sections

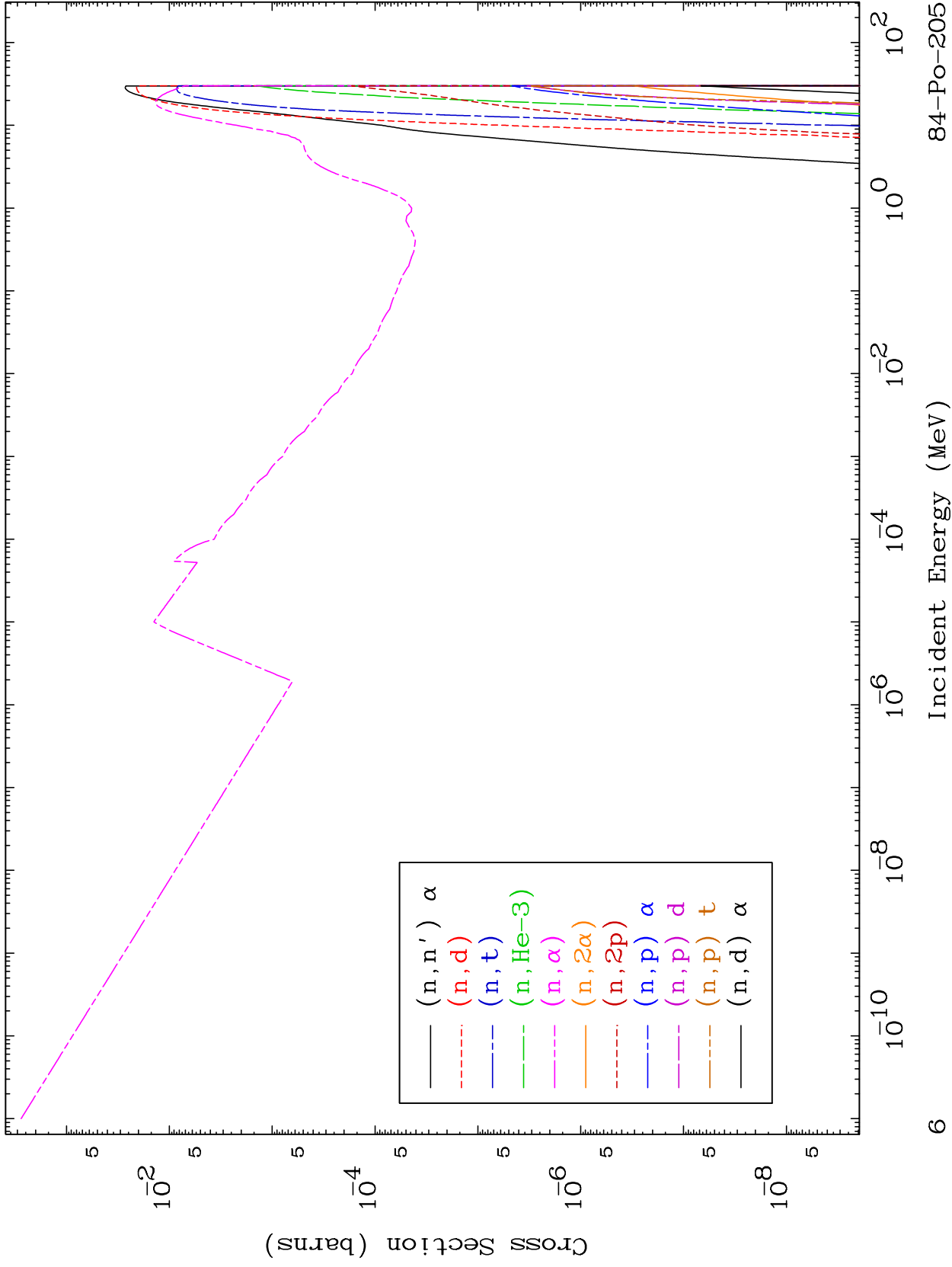
84-Po-205



MAT 8422

Charged Particle  
293 Kelvin Cross Sections

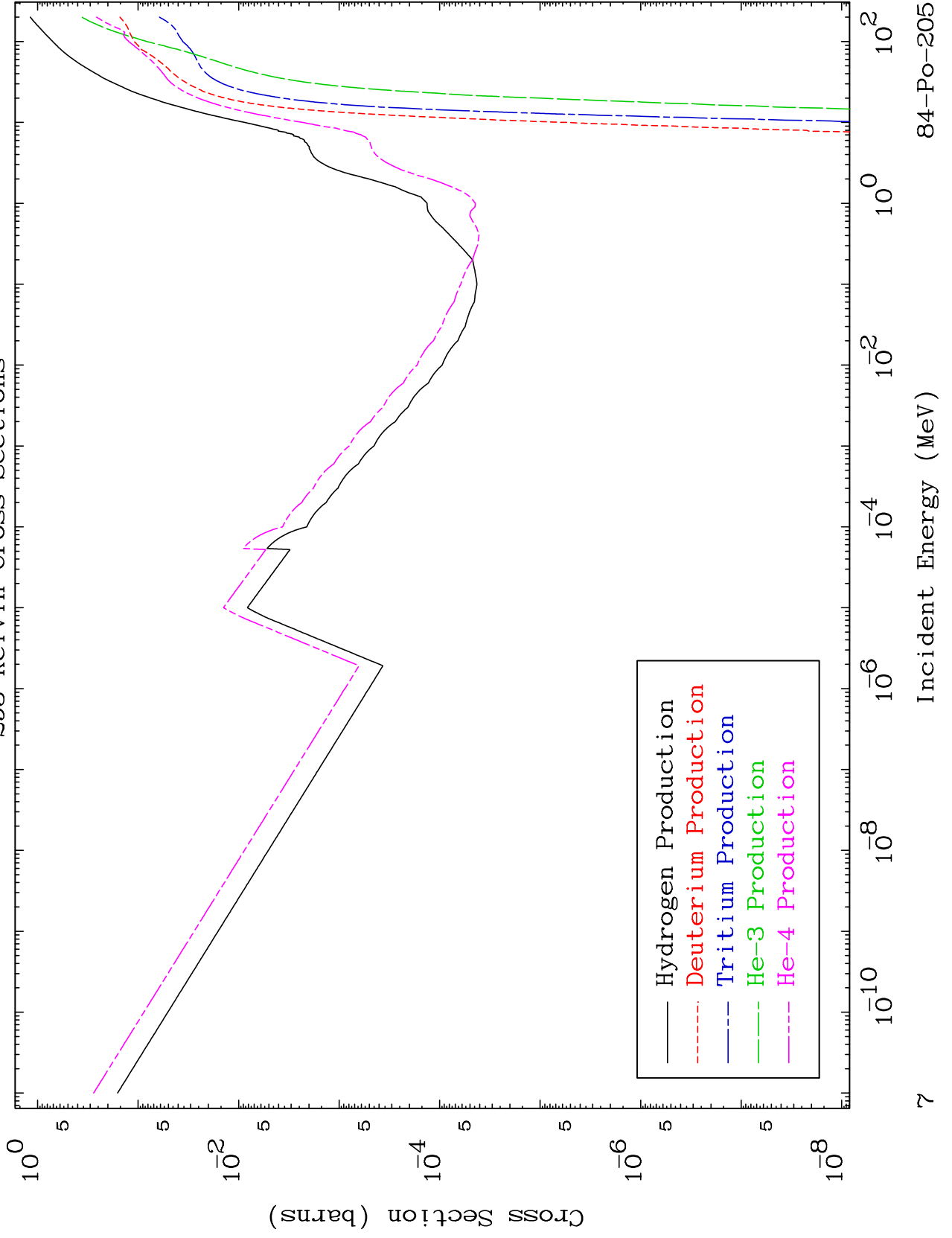
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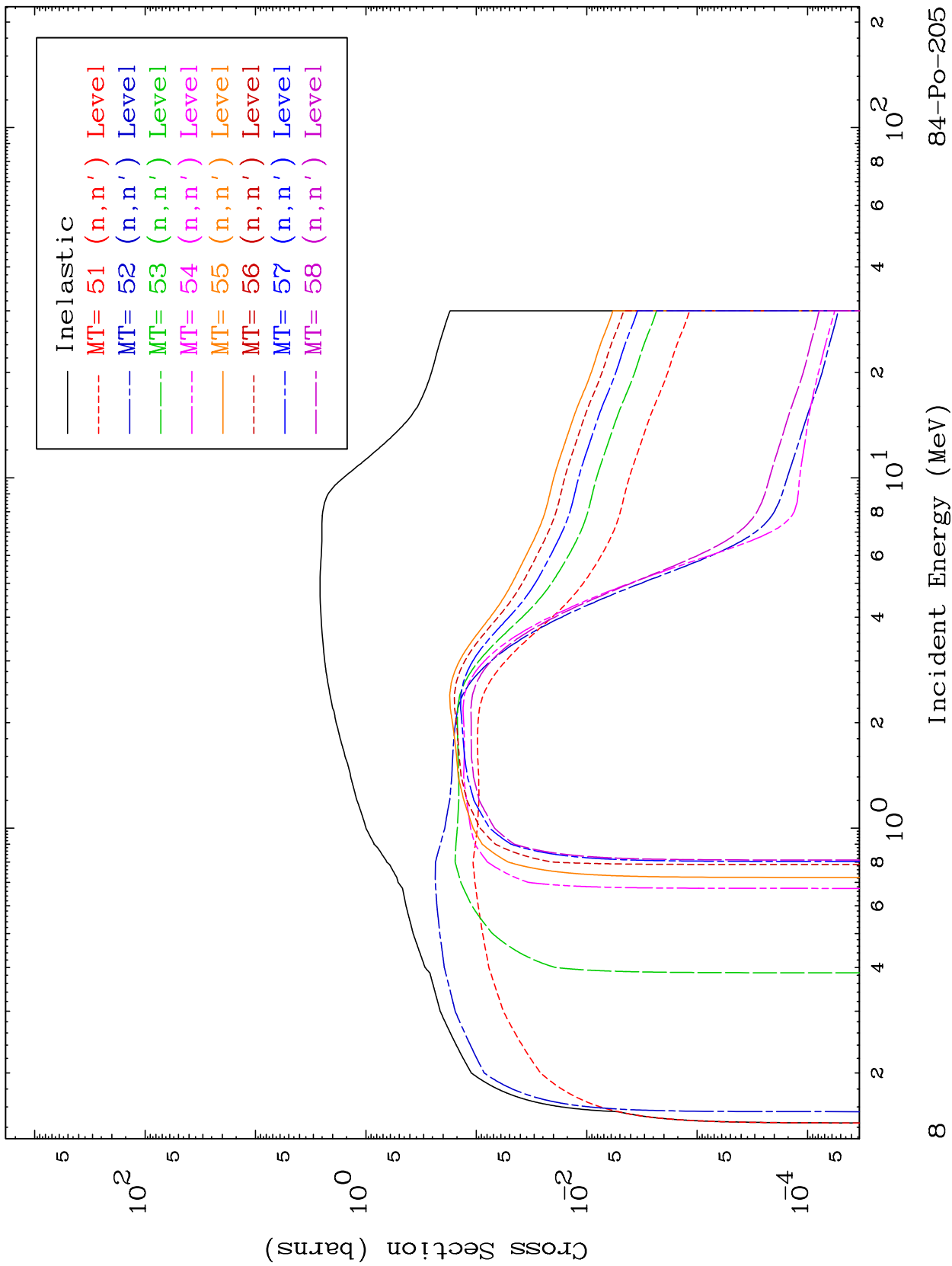


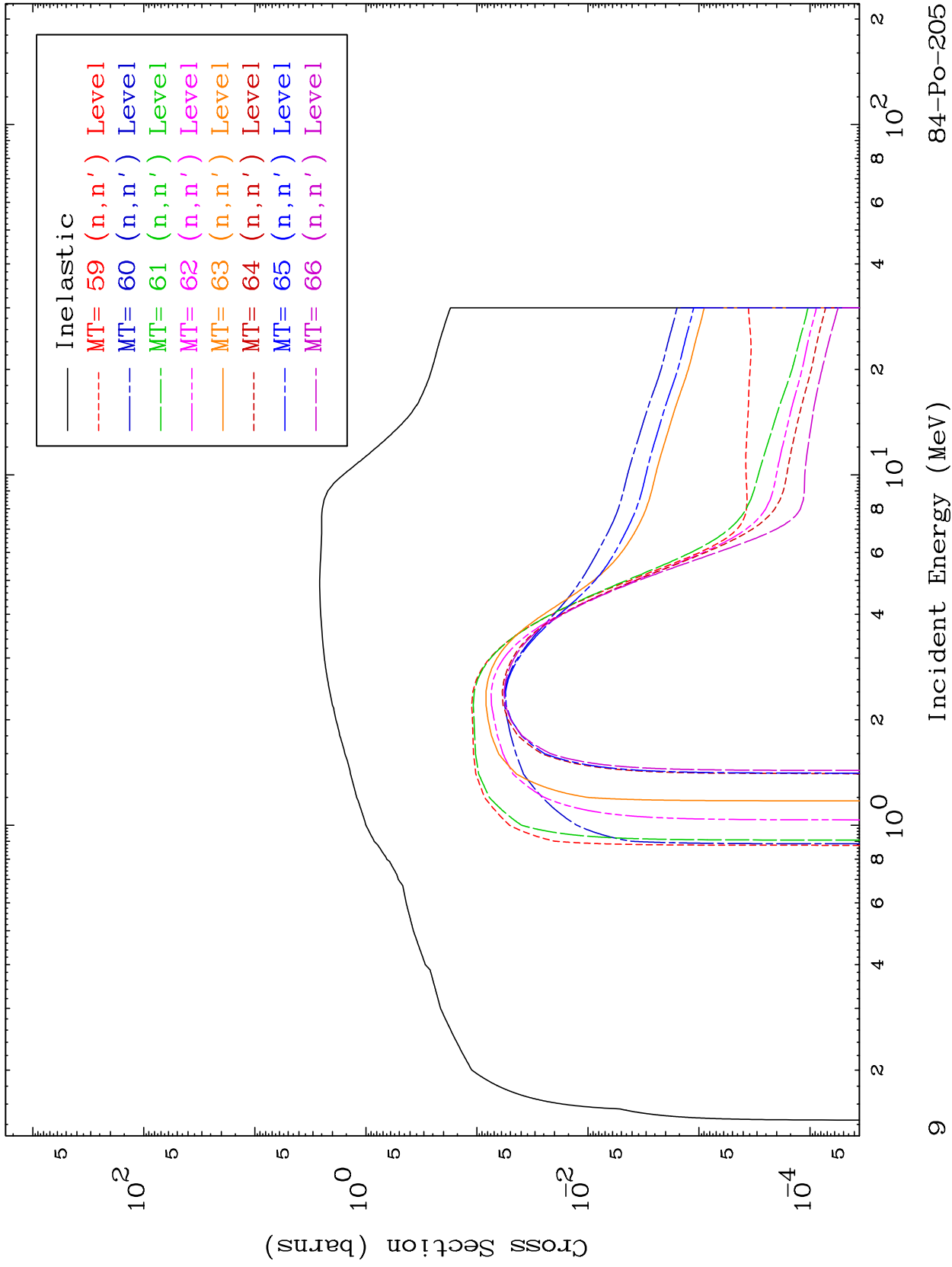
MAT 8422

Particle Production  
293 Kelvin Cross Sections

84-Po-205





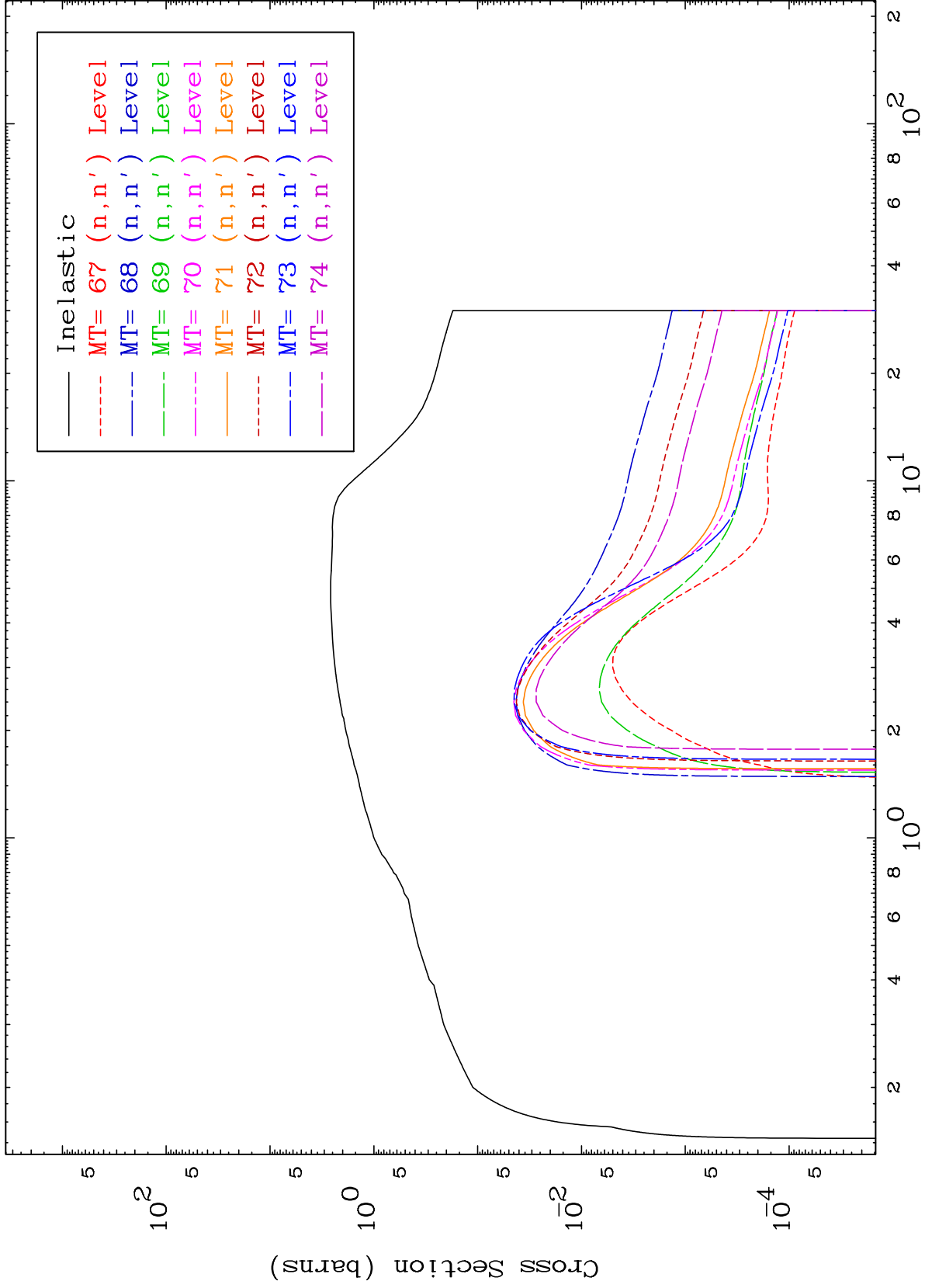


MAT 8422

(n,n') Levels

84-Po-205

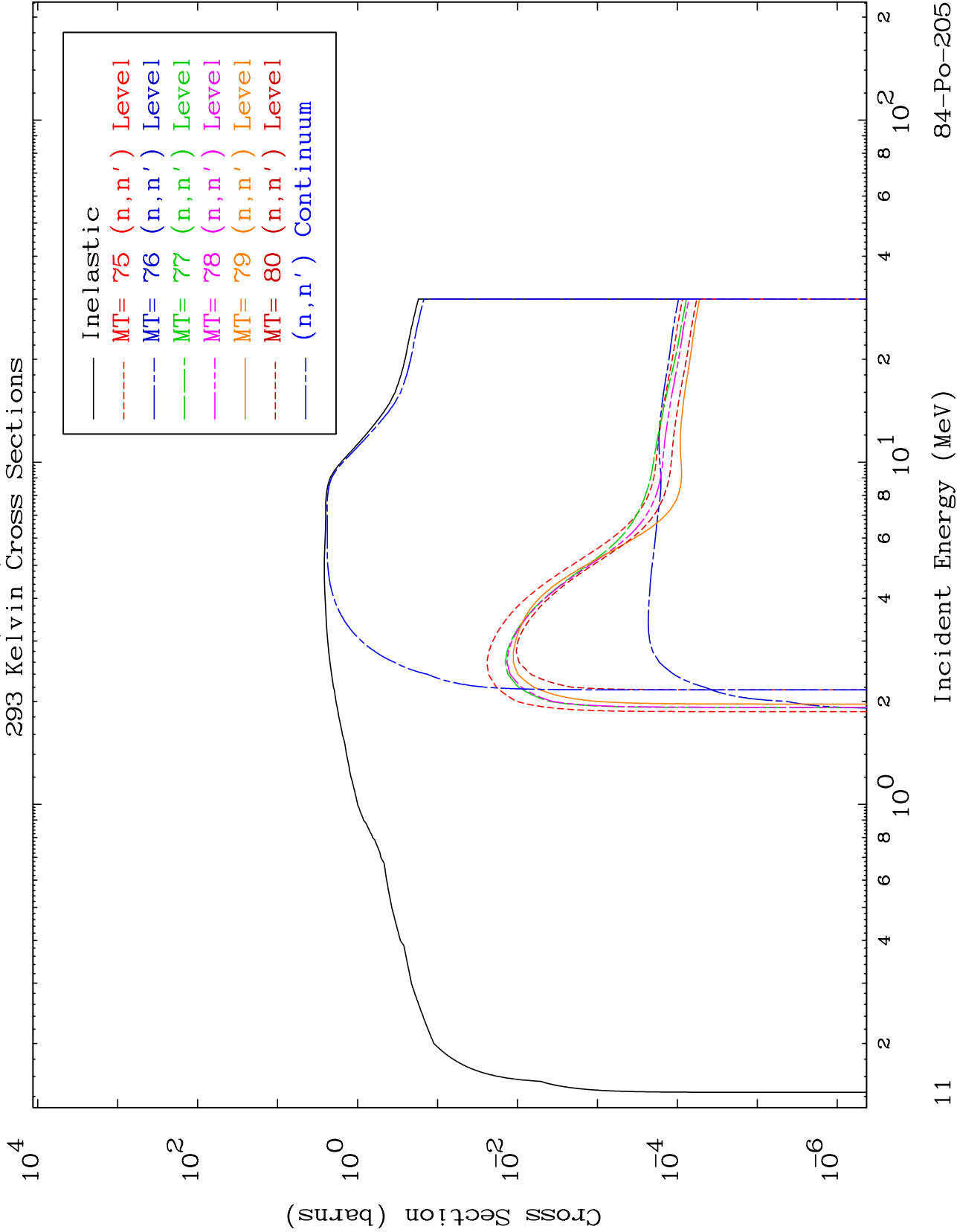
293 Kelvin Cross Sections



10

Incident Energy (MeV)

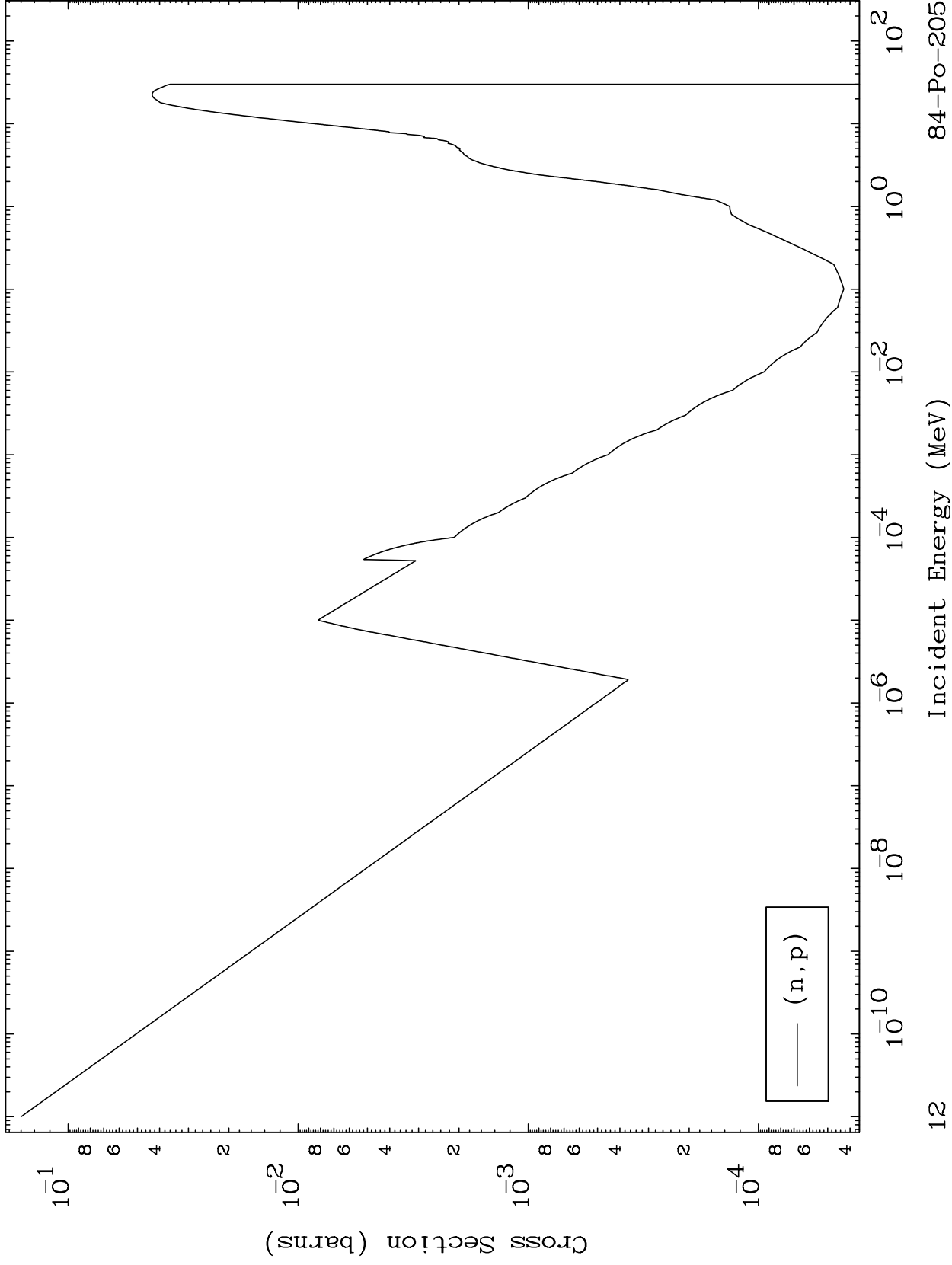
84-Po-205



MAT 8422

(n,p) Levels  
293 Kelvin Cross Sections

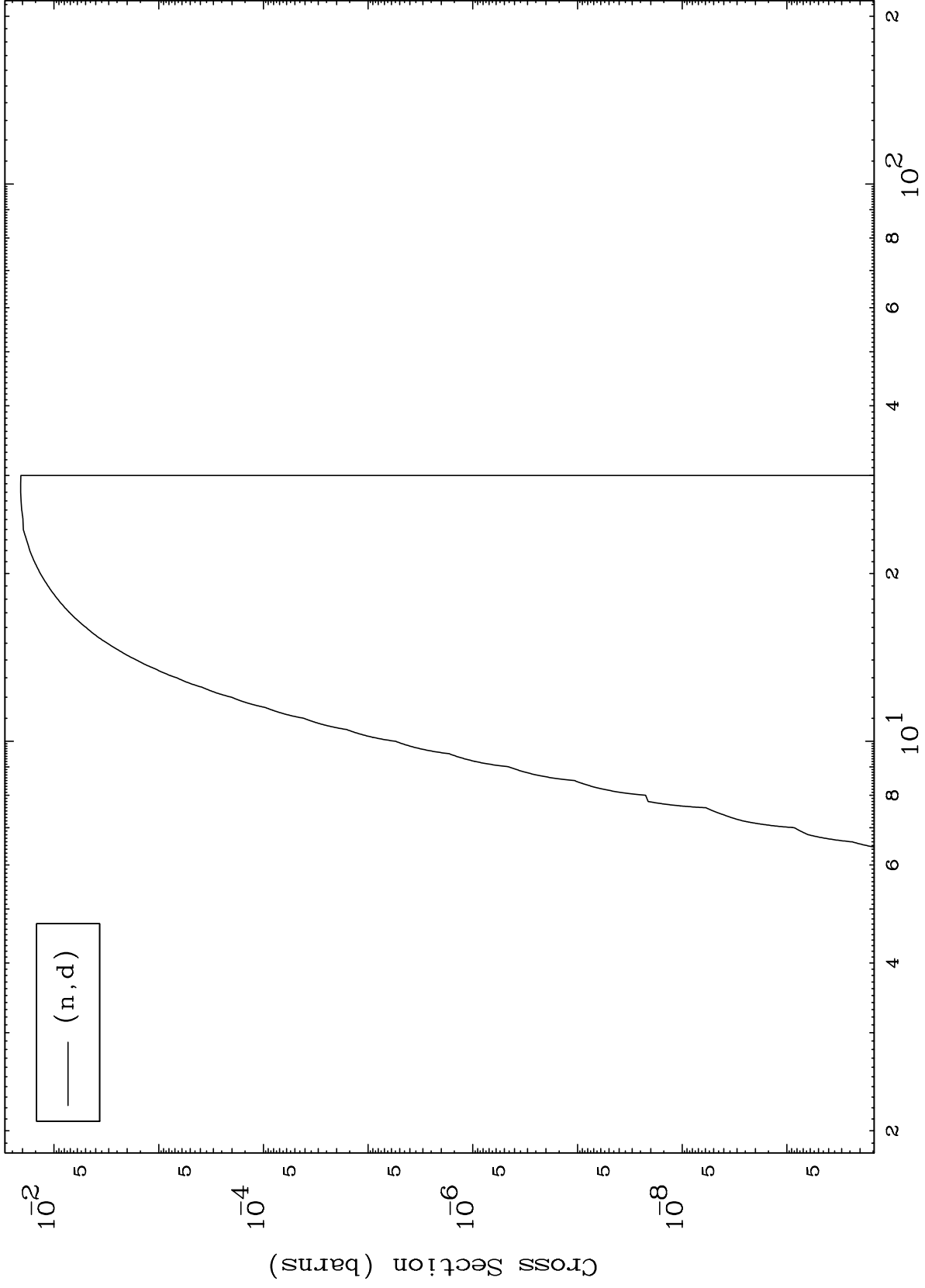
84-Po-205



MAT 8422

(n,d) Levels  
293 Kelvin Cross Sections

84-Po-205



13

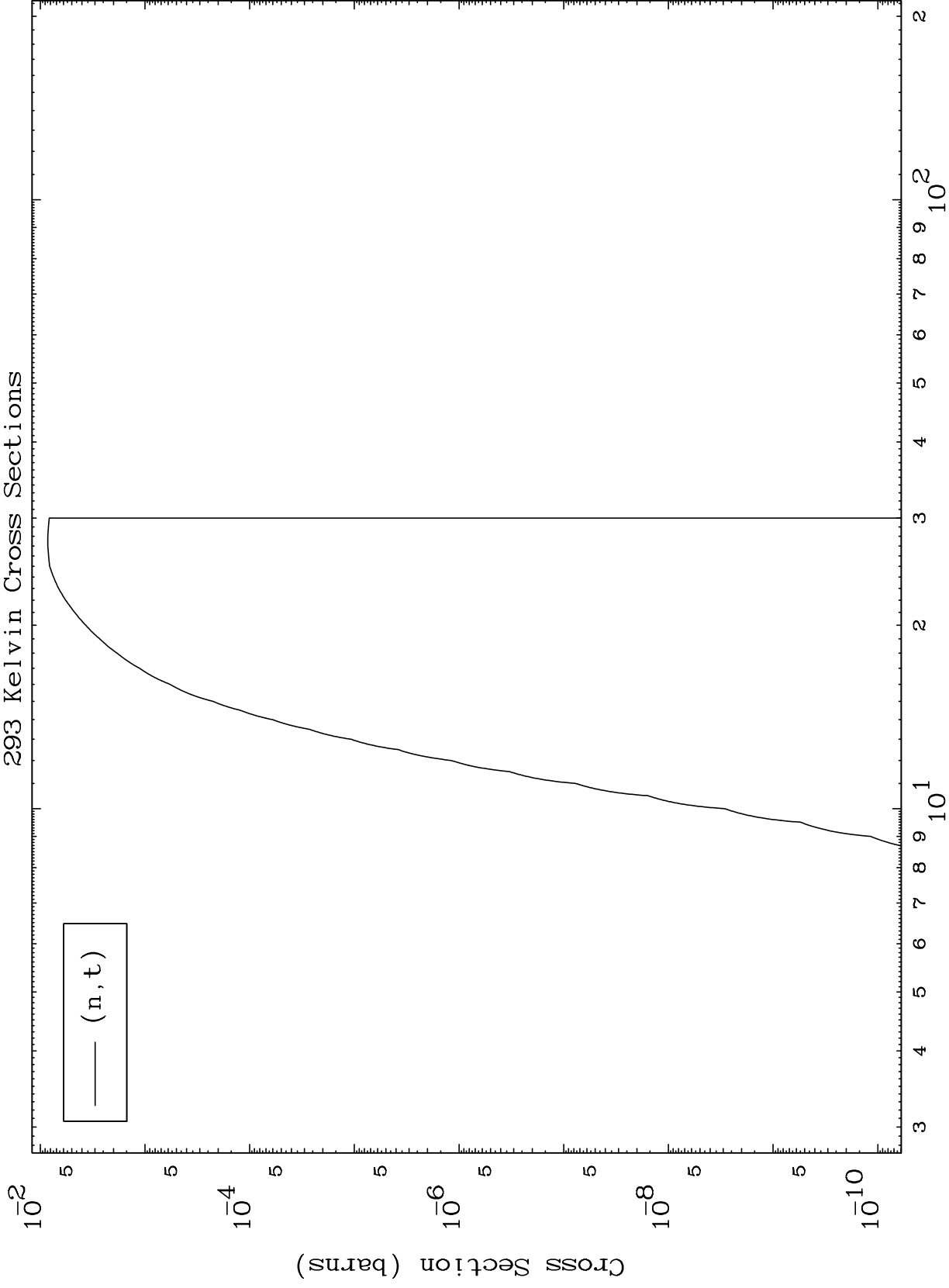
Incident Energy (MeV)

84-Po-205

MAT 8422

(n,t) Levels  
293 Kelvin Cross Sections

84-Po-205



14

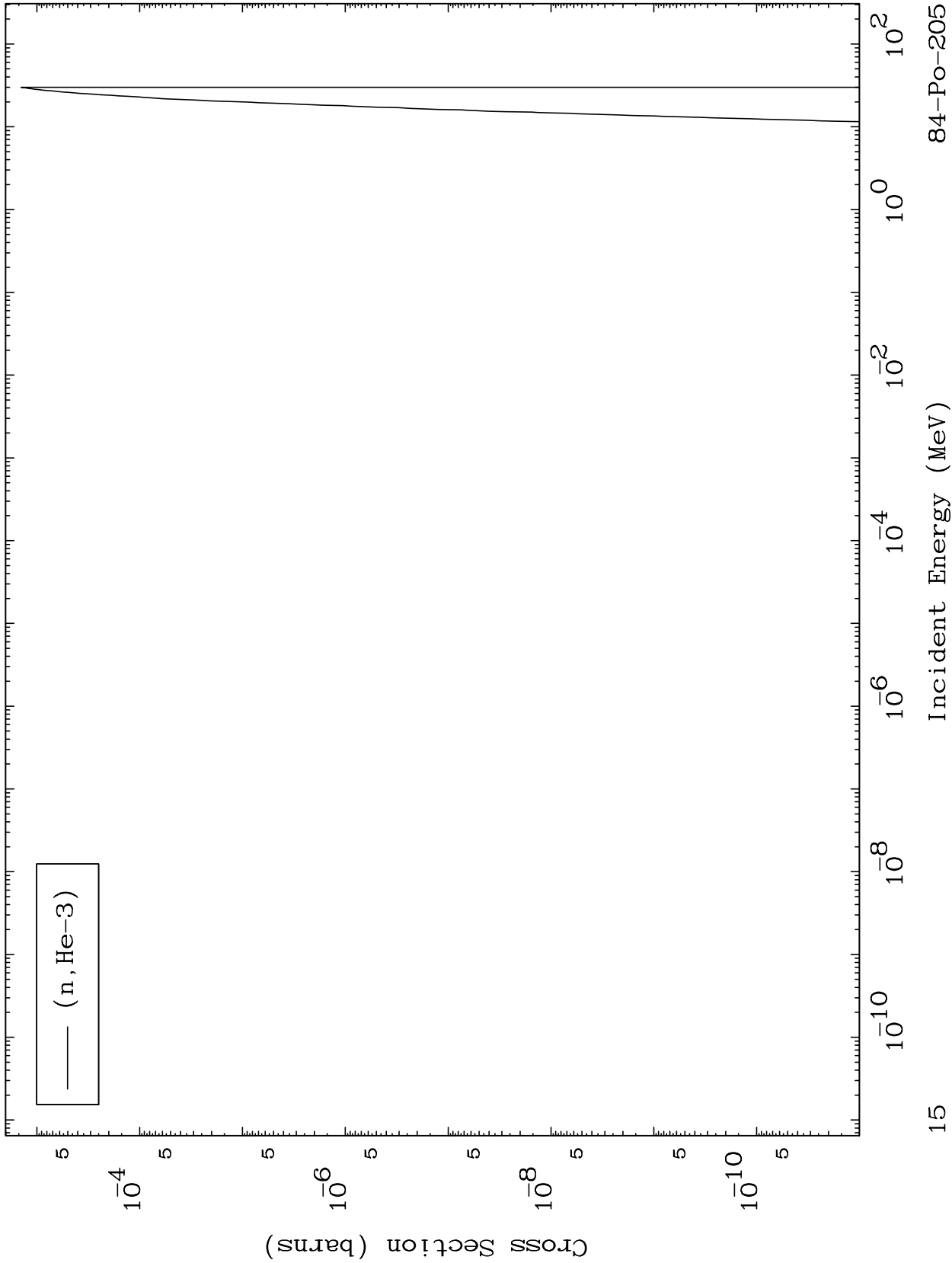
Incident Energy (MeV)

84-Po-205

MAT 8422

(n,He3) Levels  
293 Kelvin Cross Sections

84-Po-205



15

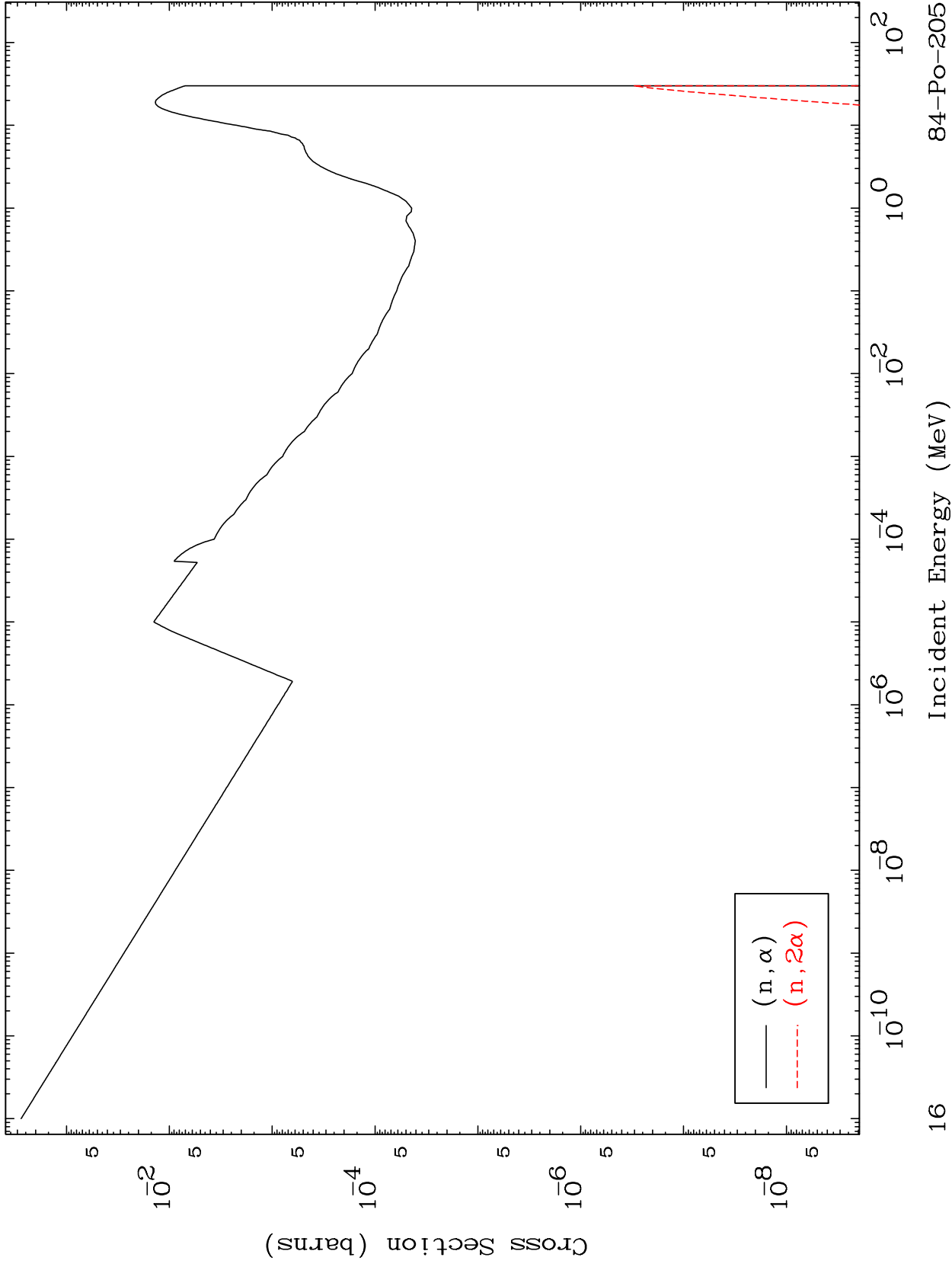
Incident Energy (MeV)

84-Po-205

MAT 8422

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

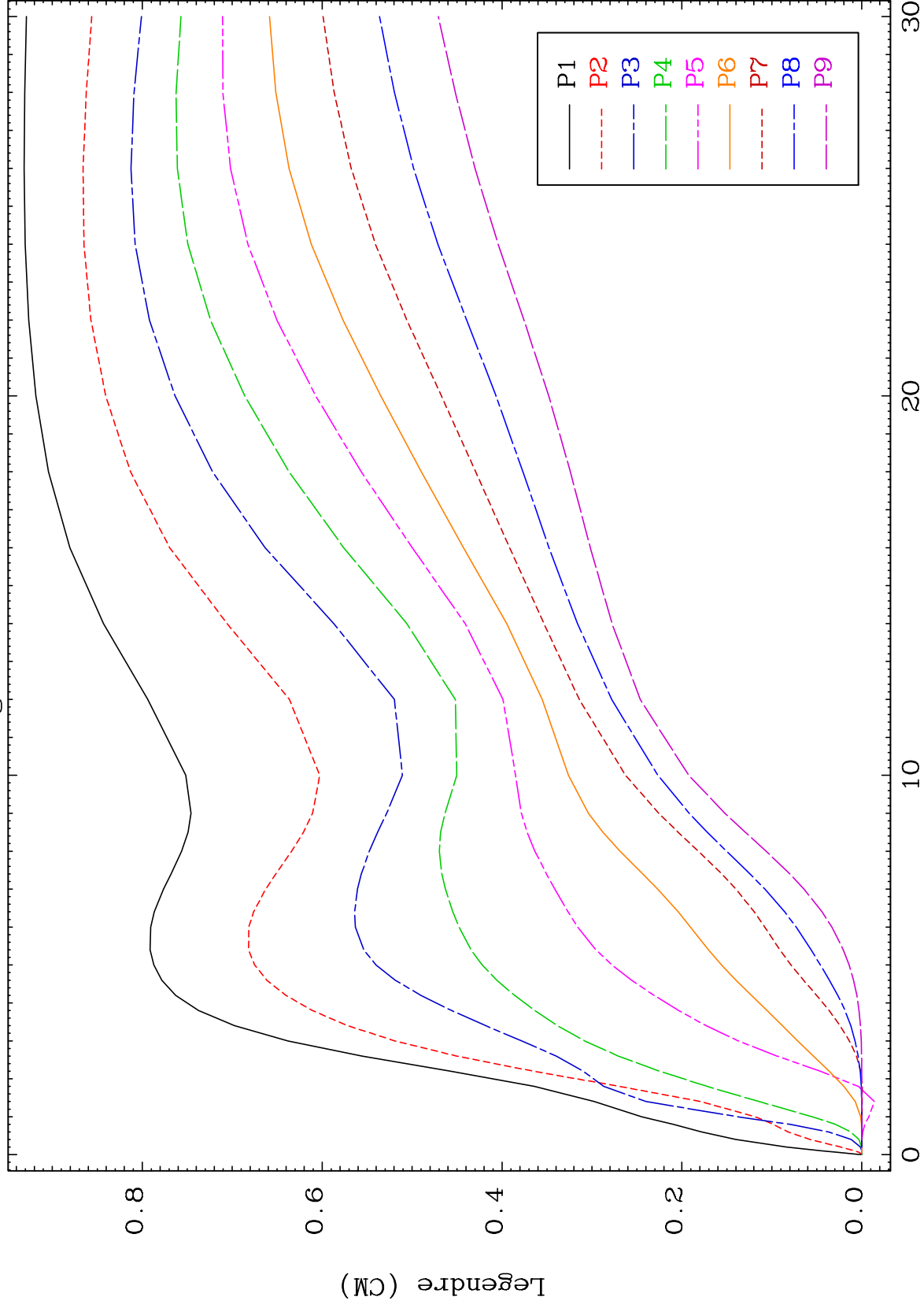
84-Po-205



MAT 8422

Elastic Legendre Coefficients

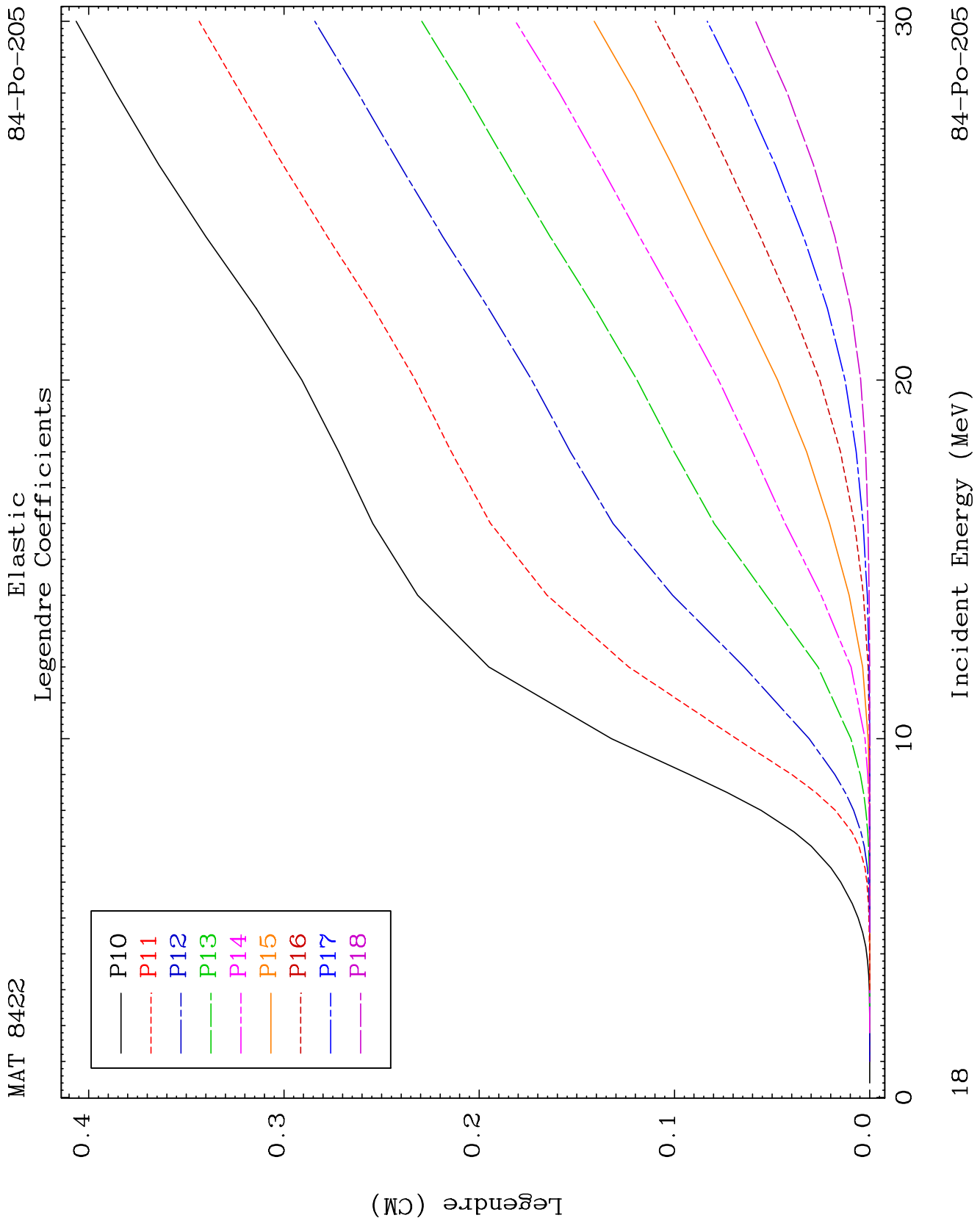
84-Po-205



17

Incident Energy (MeV)

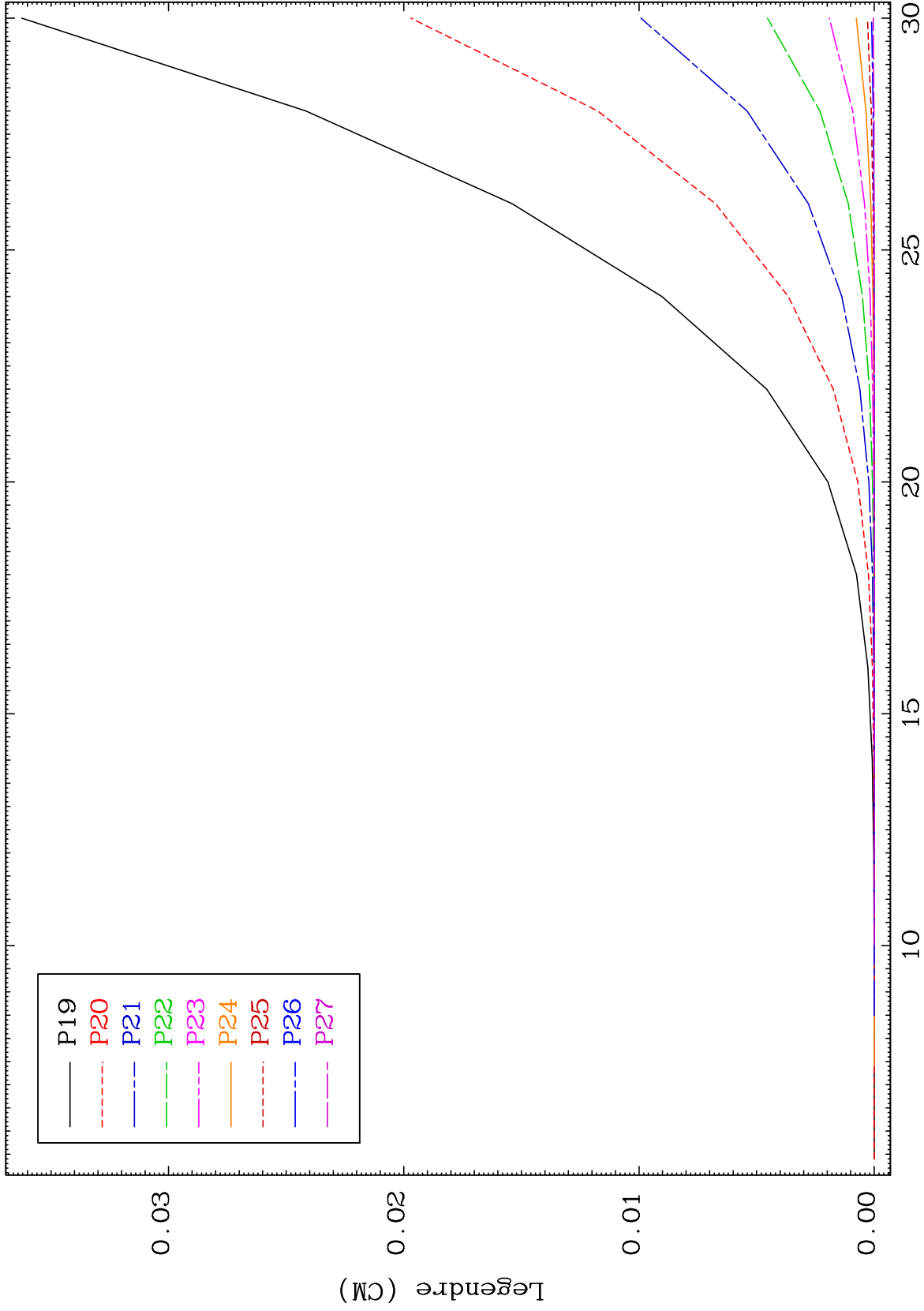
84-Po-205



MAT 8422

Elastic  
Legendre Coefficients

84-Po-205



19

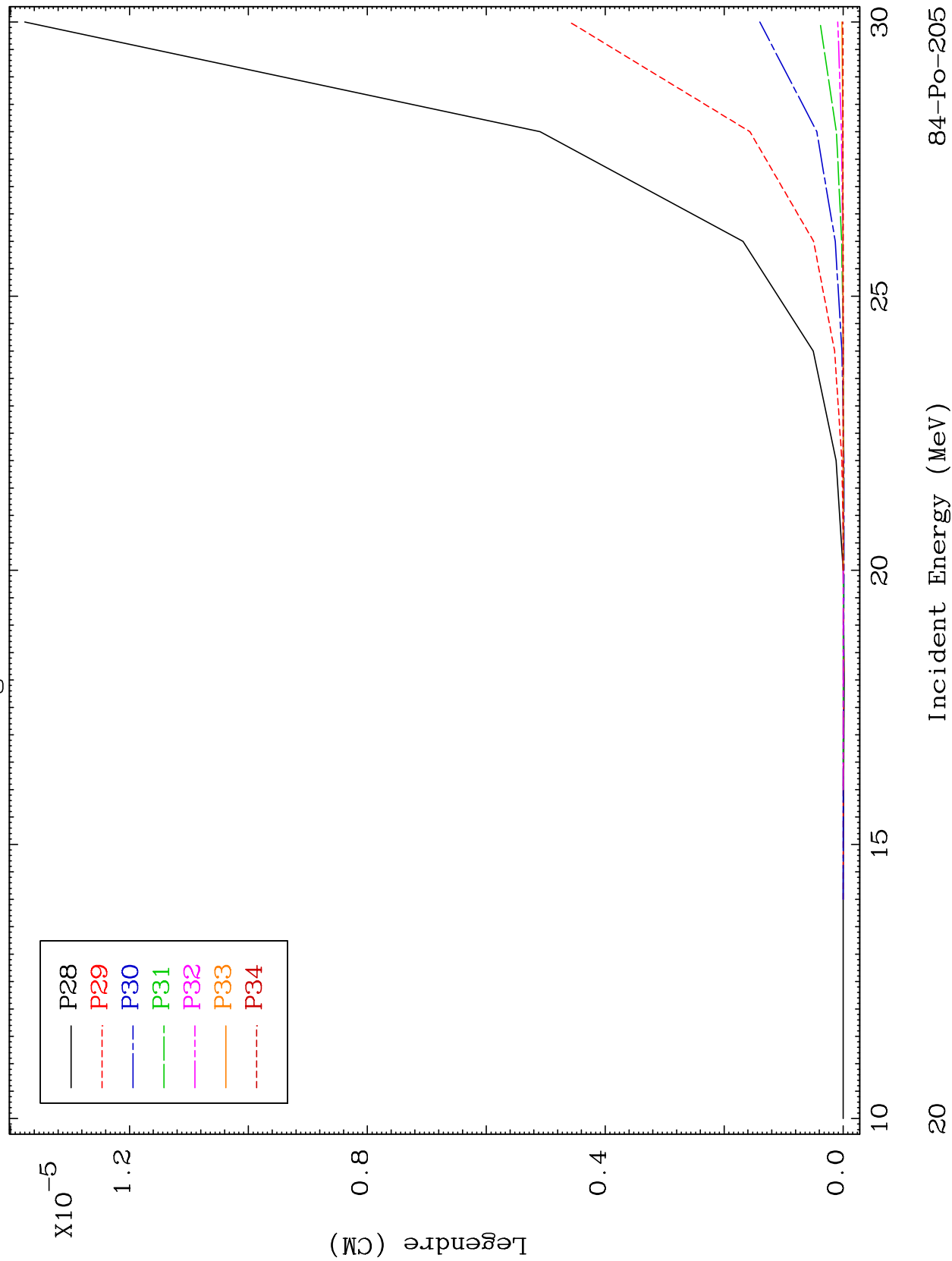
Incident Energy (MeV)

84-Po-205

MAT 8422

Elastic Legendre Coefficients

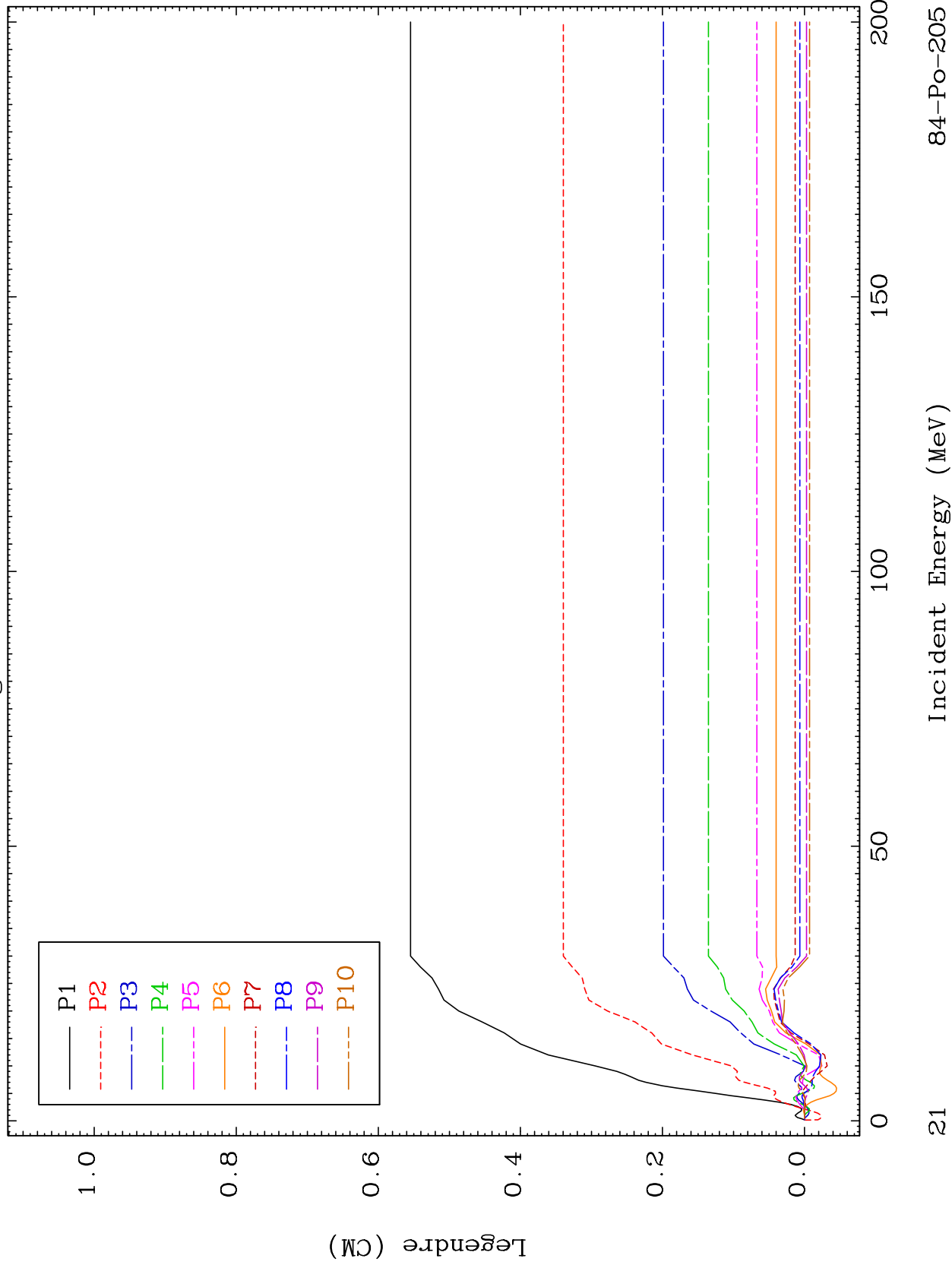
84-Po-205



MAT 8422

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

84-Po-205



21

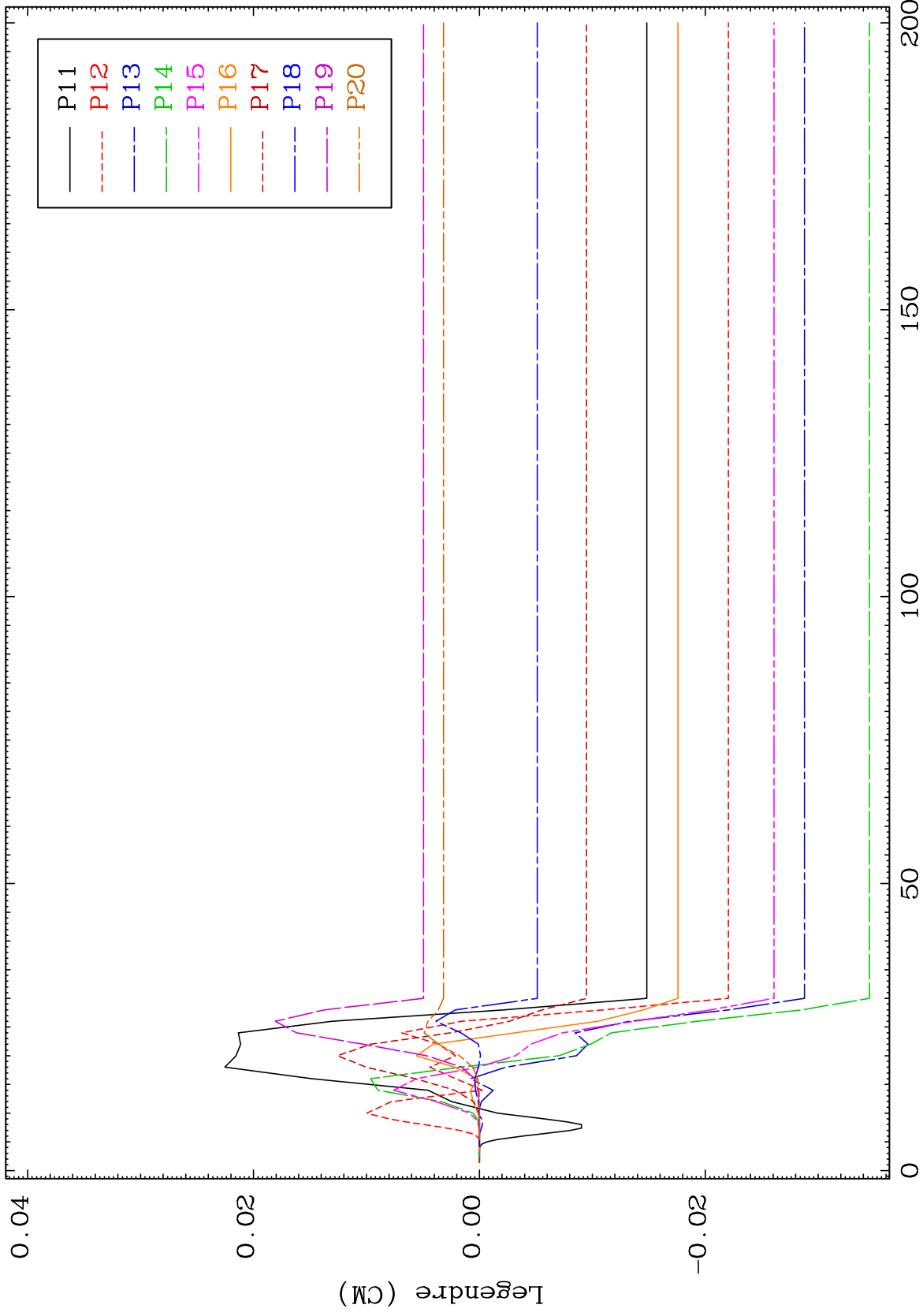
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



22

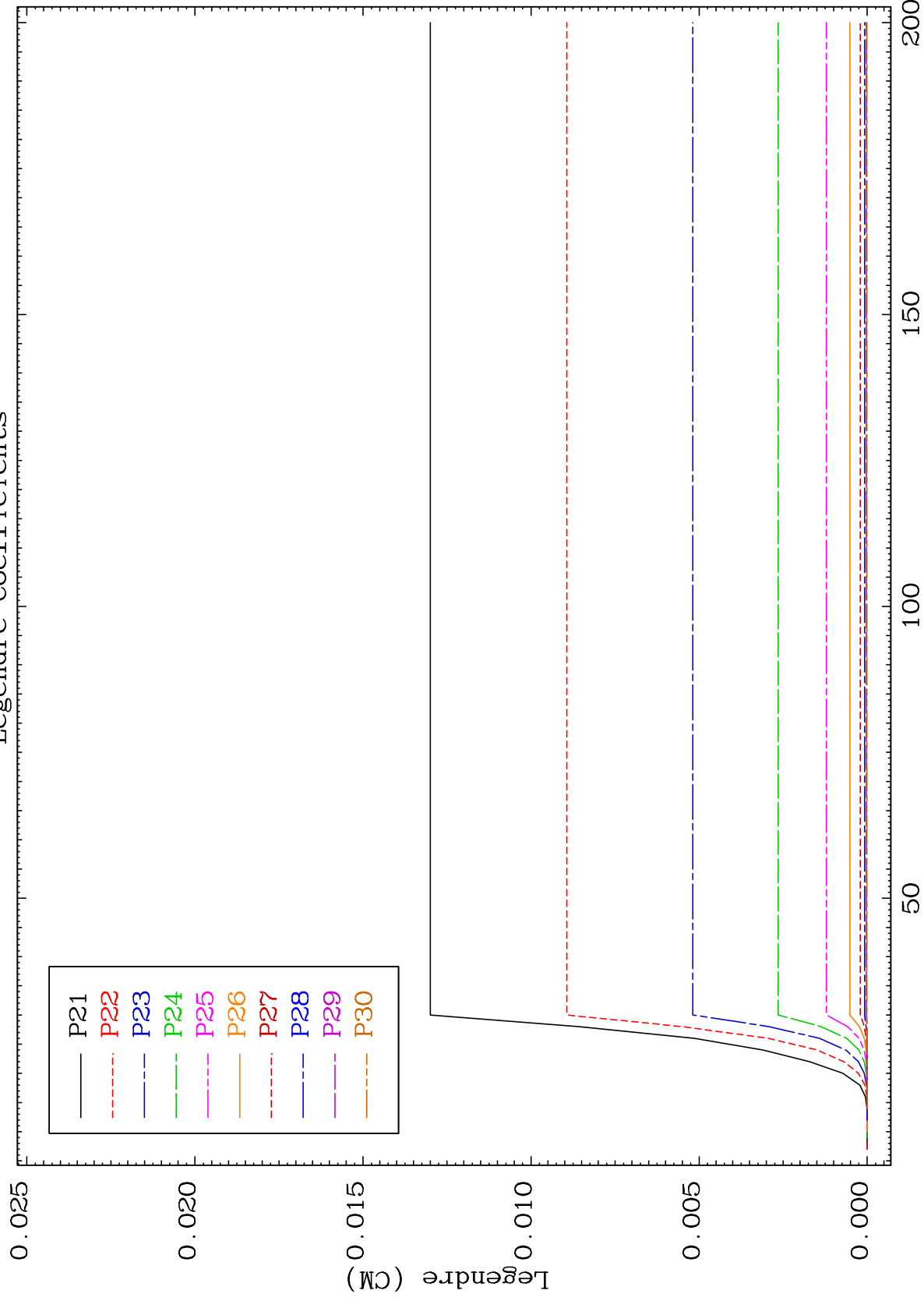
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



23

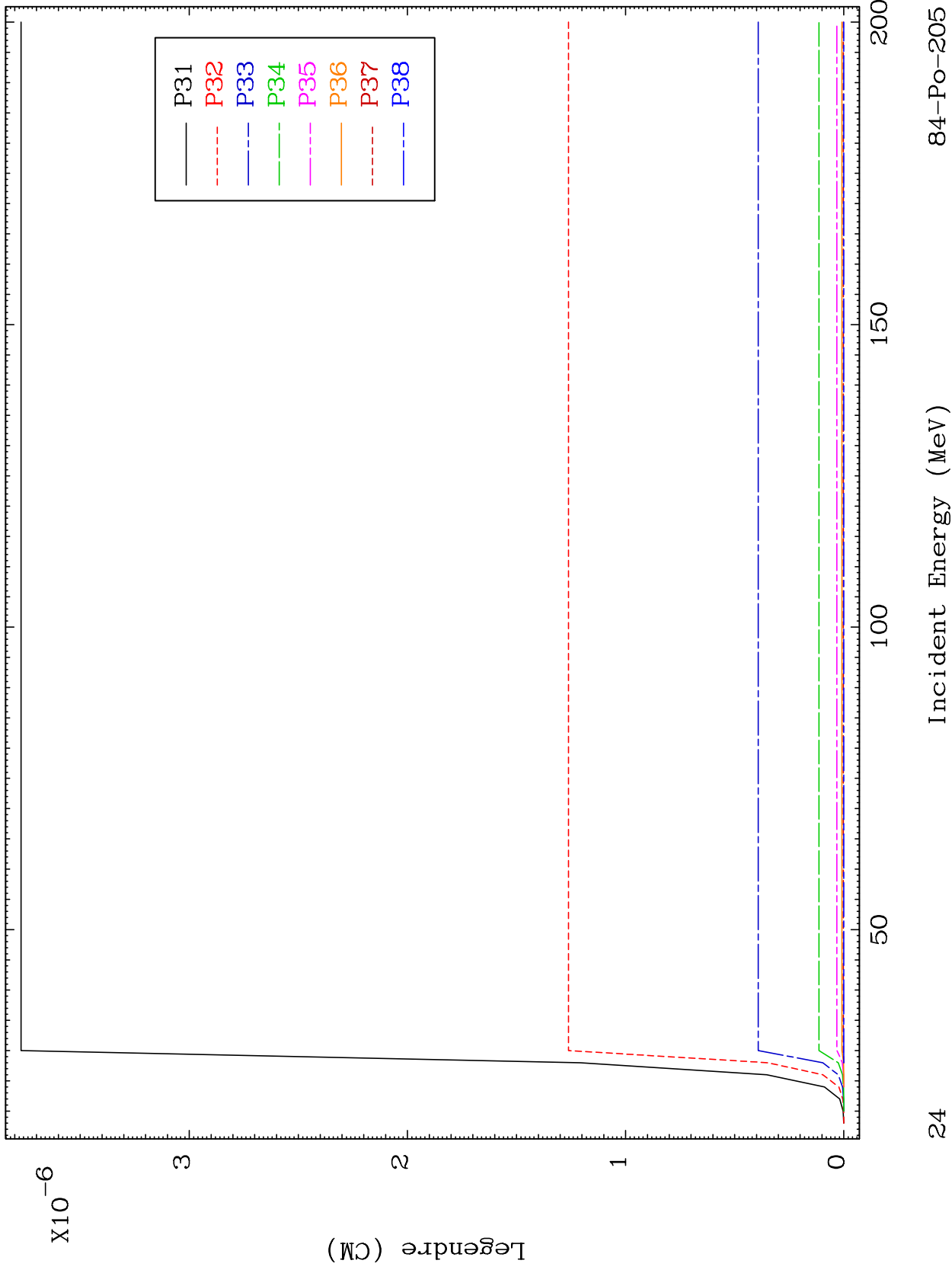
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



24

Incident Energy (MeV)

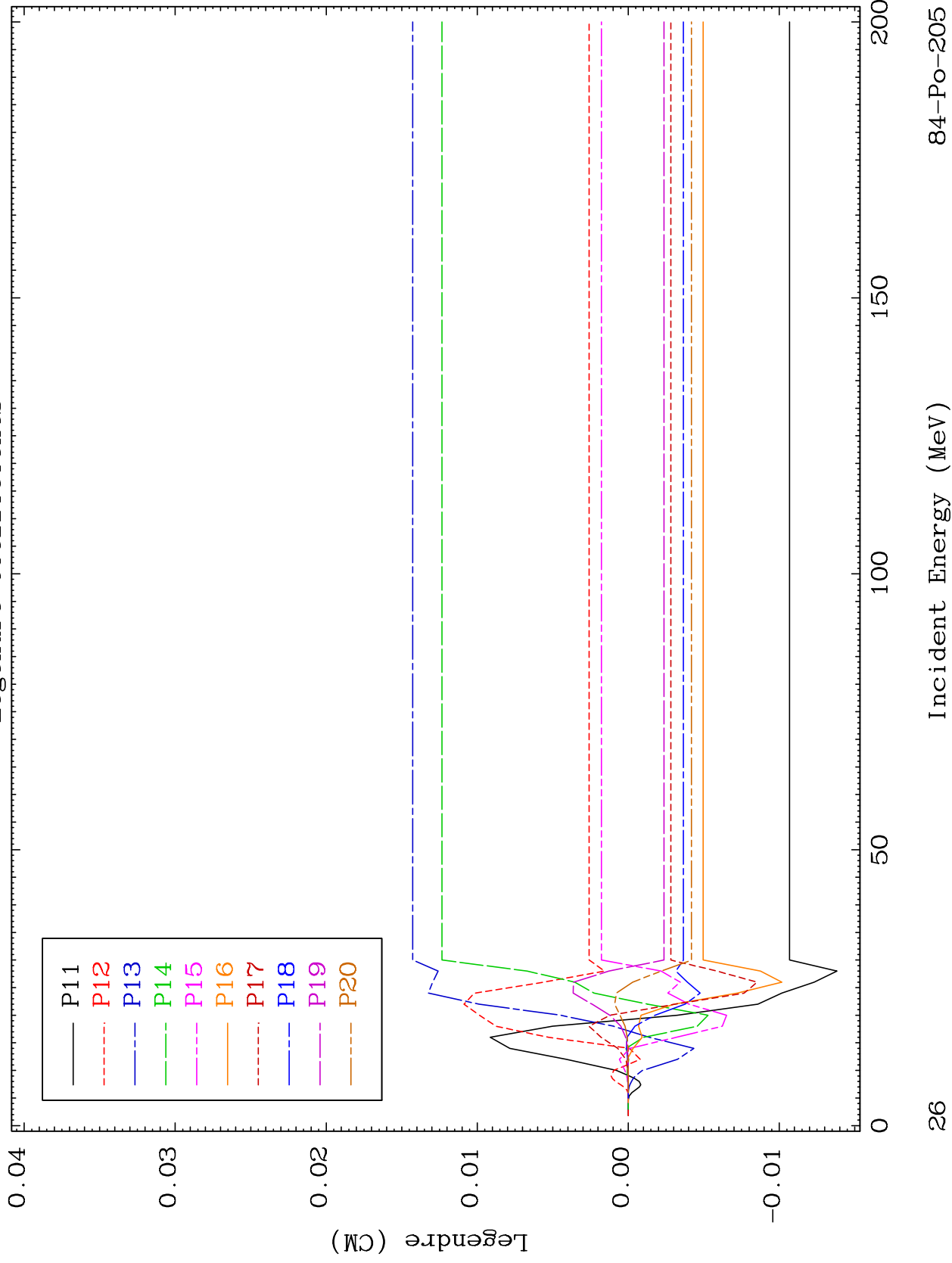
84-Po-205



MAT 8422

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

84-Po-205



26

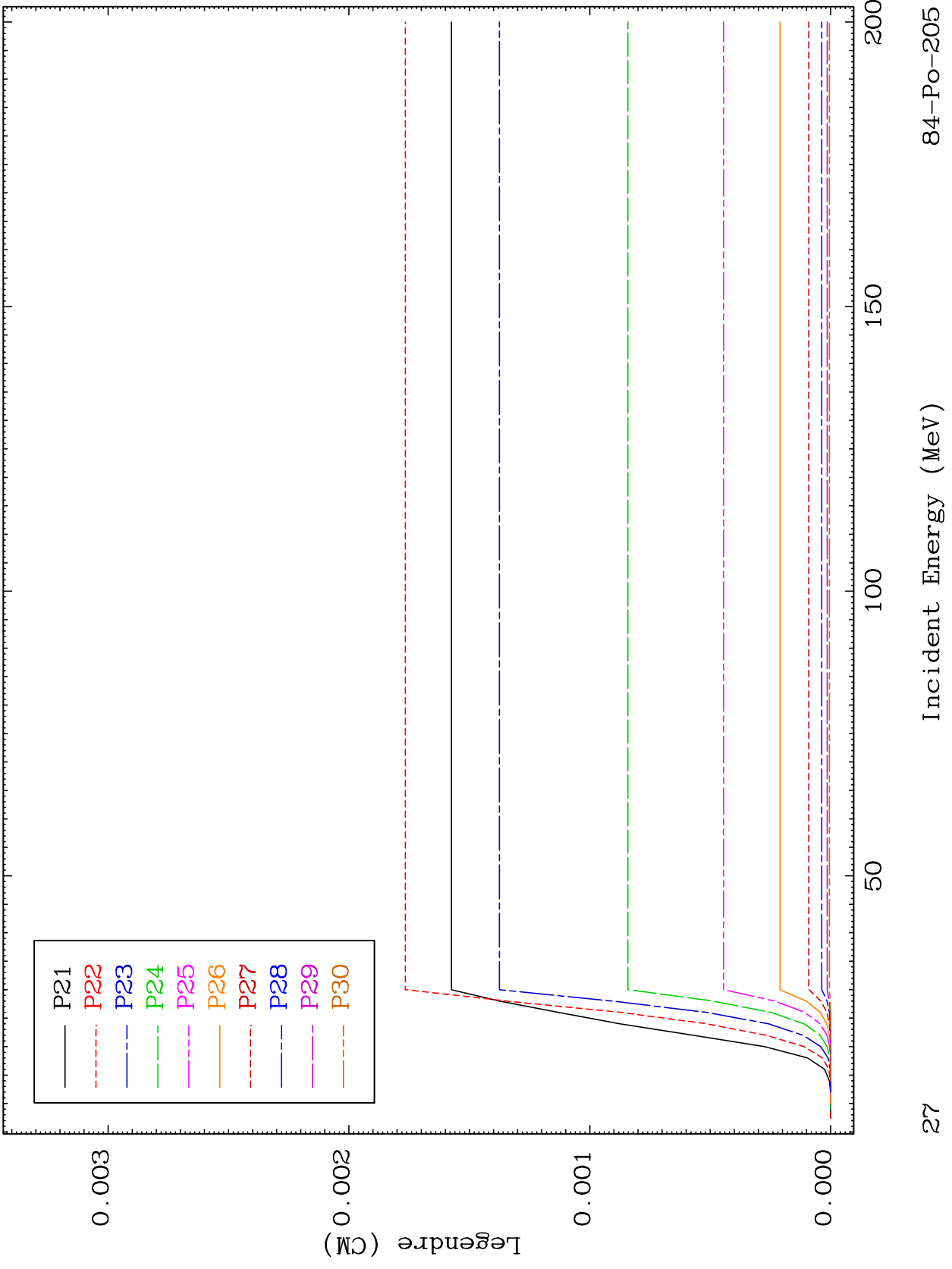
Incident Energy (MeV)

84-Po-205

MAT 8422

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

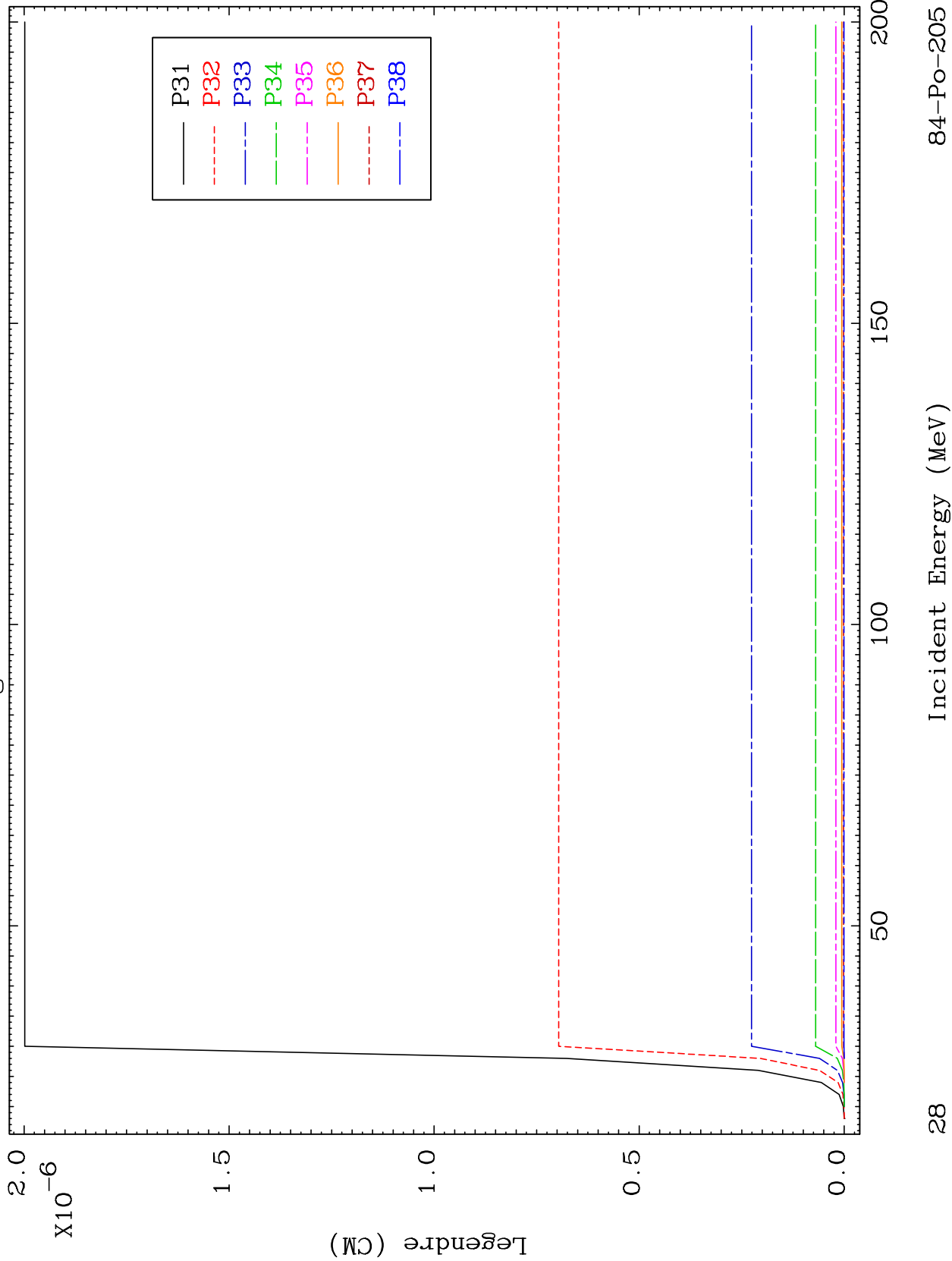
84-Po-205



MAT 8422

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

84-Po-205



84-Po-205

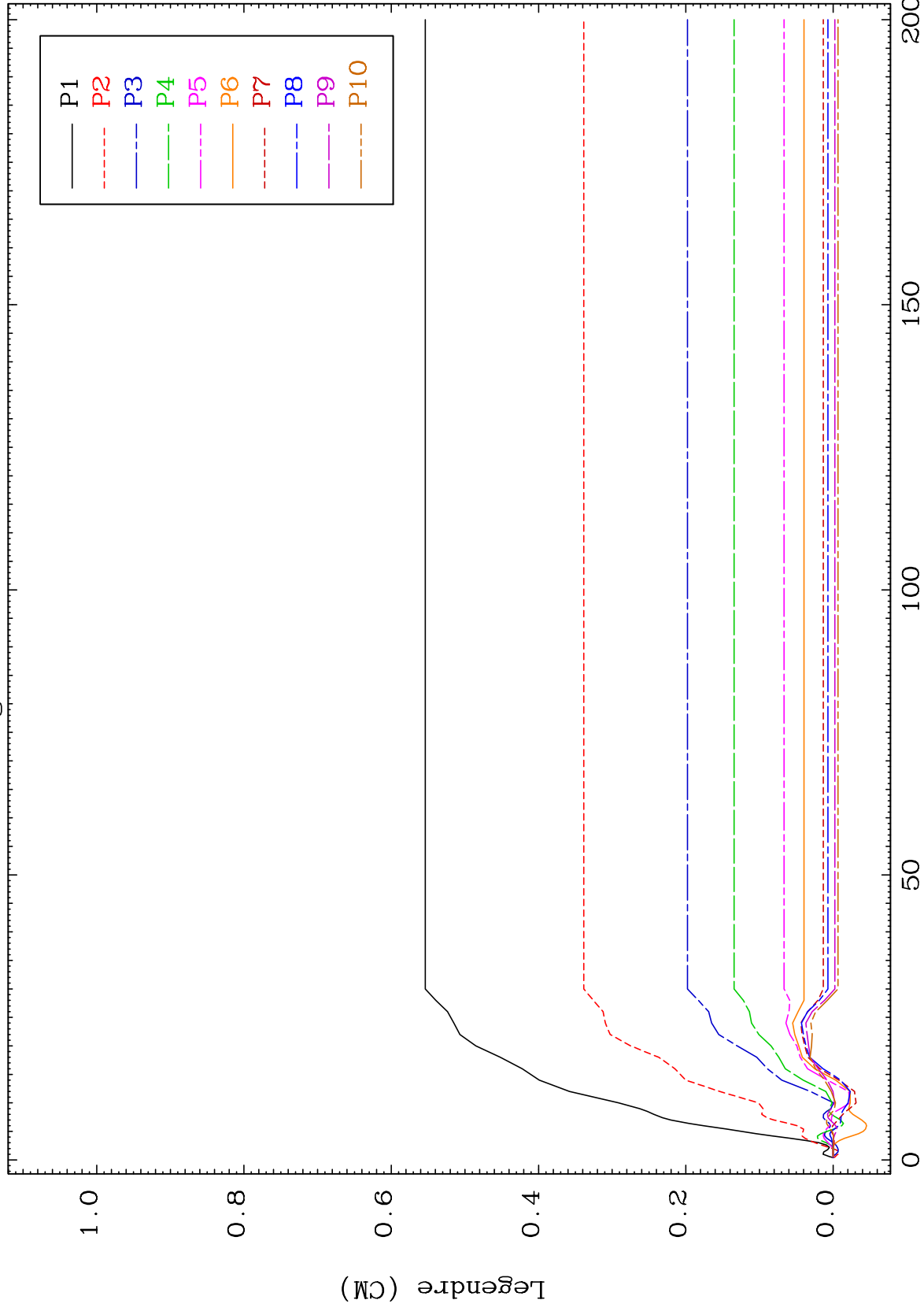
Incident Energy (MeV)

28

MAT 8422

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

84-Po-205



29

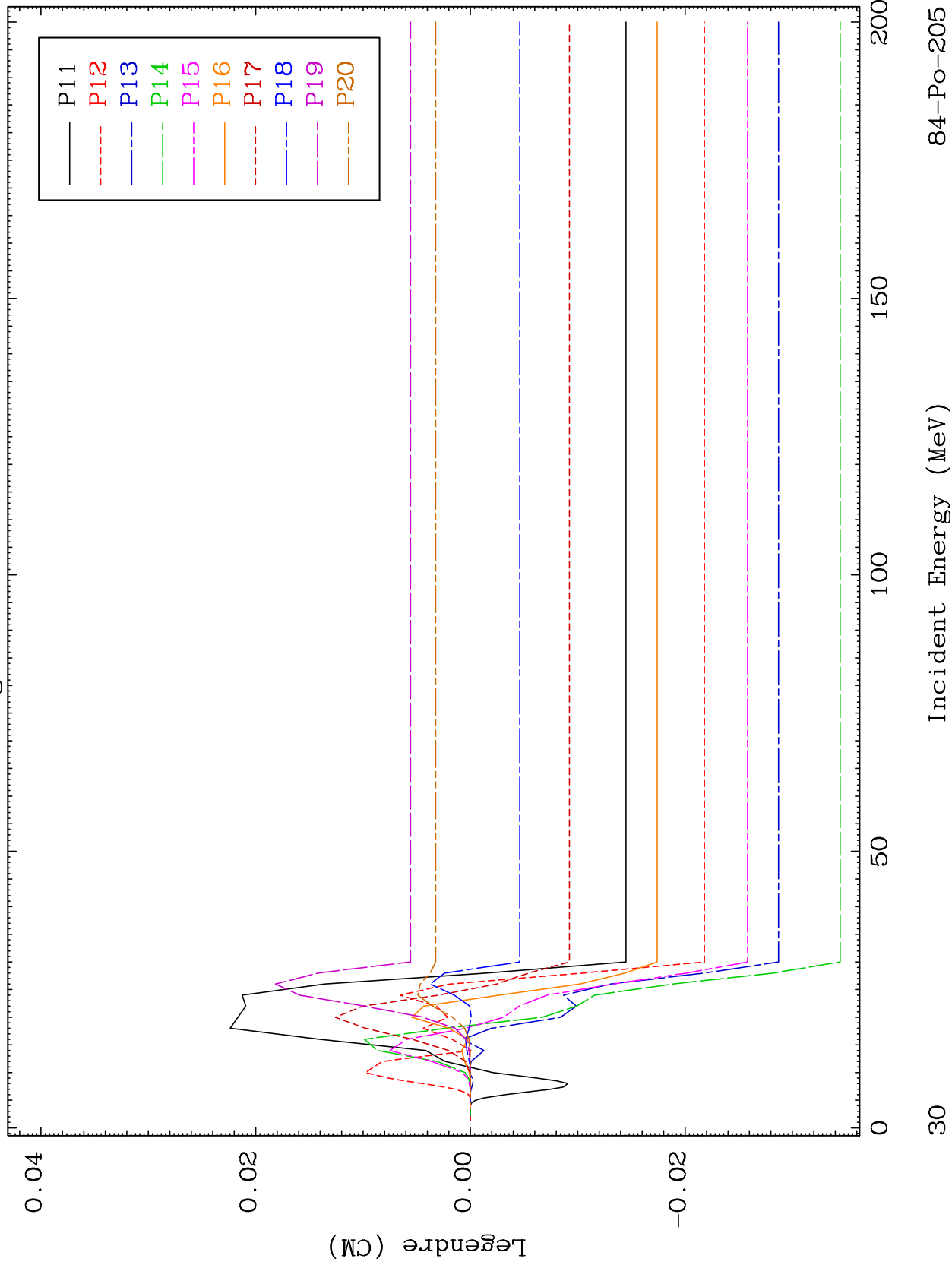
Incident Energy (MeV)

84-Po-205

MAT 8422

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

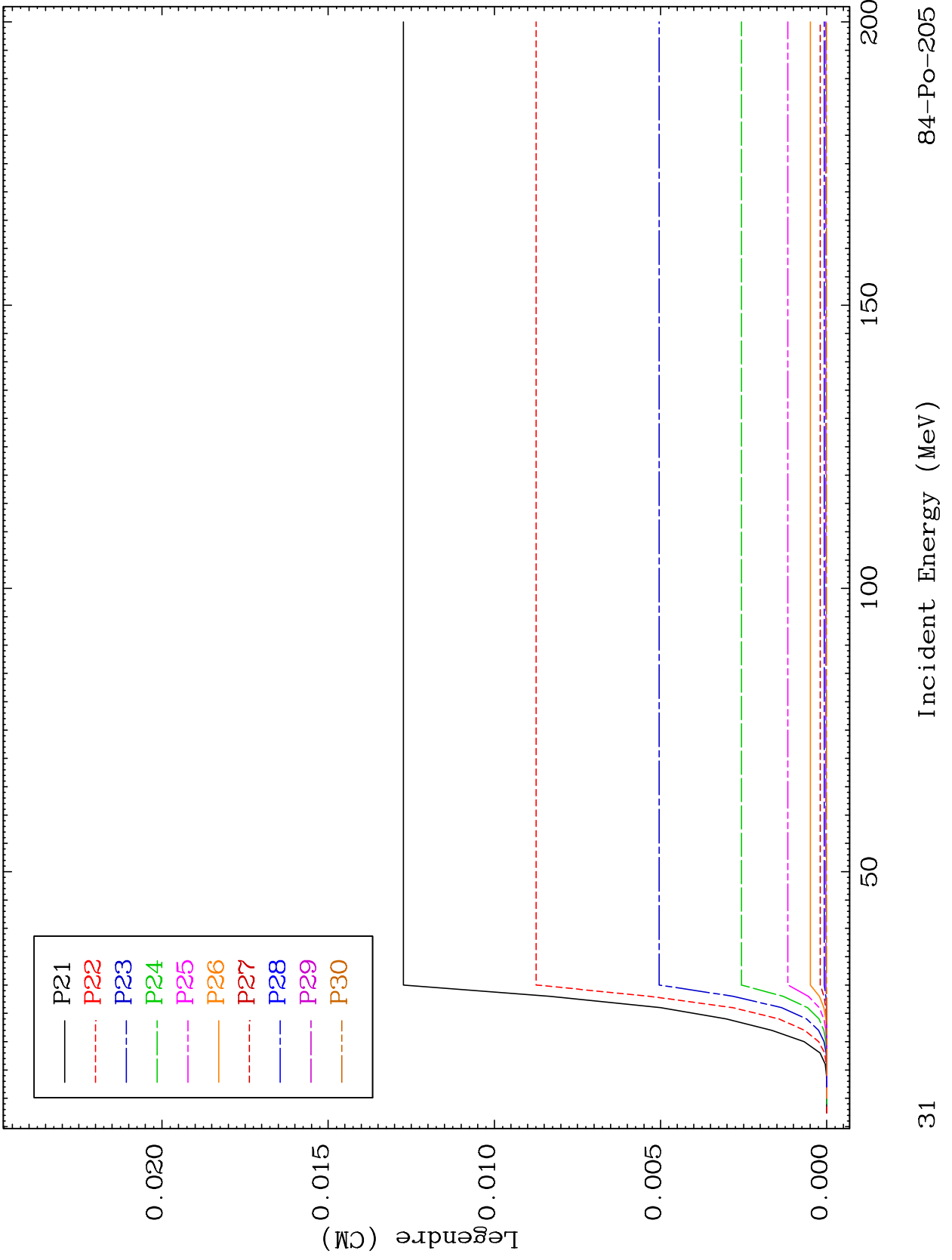
84-Po-205



84-Po-205

Incident Energy (MeV)

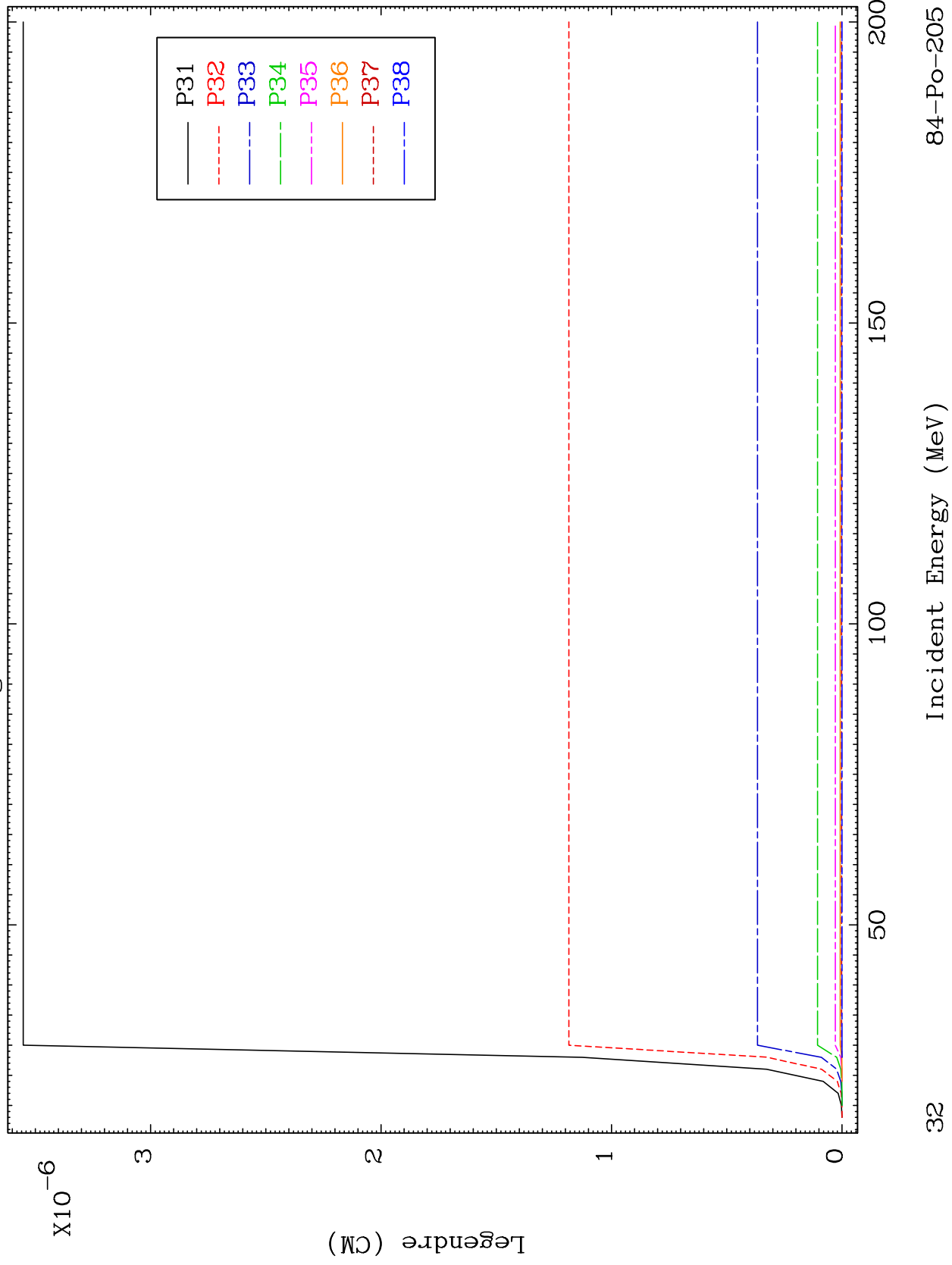
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MAT 8422

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

84-Po-205



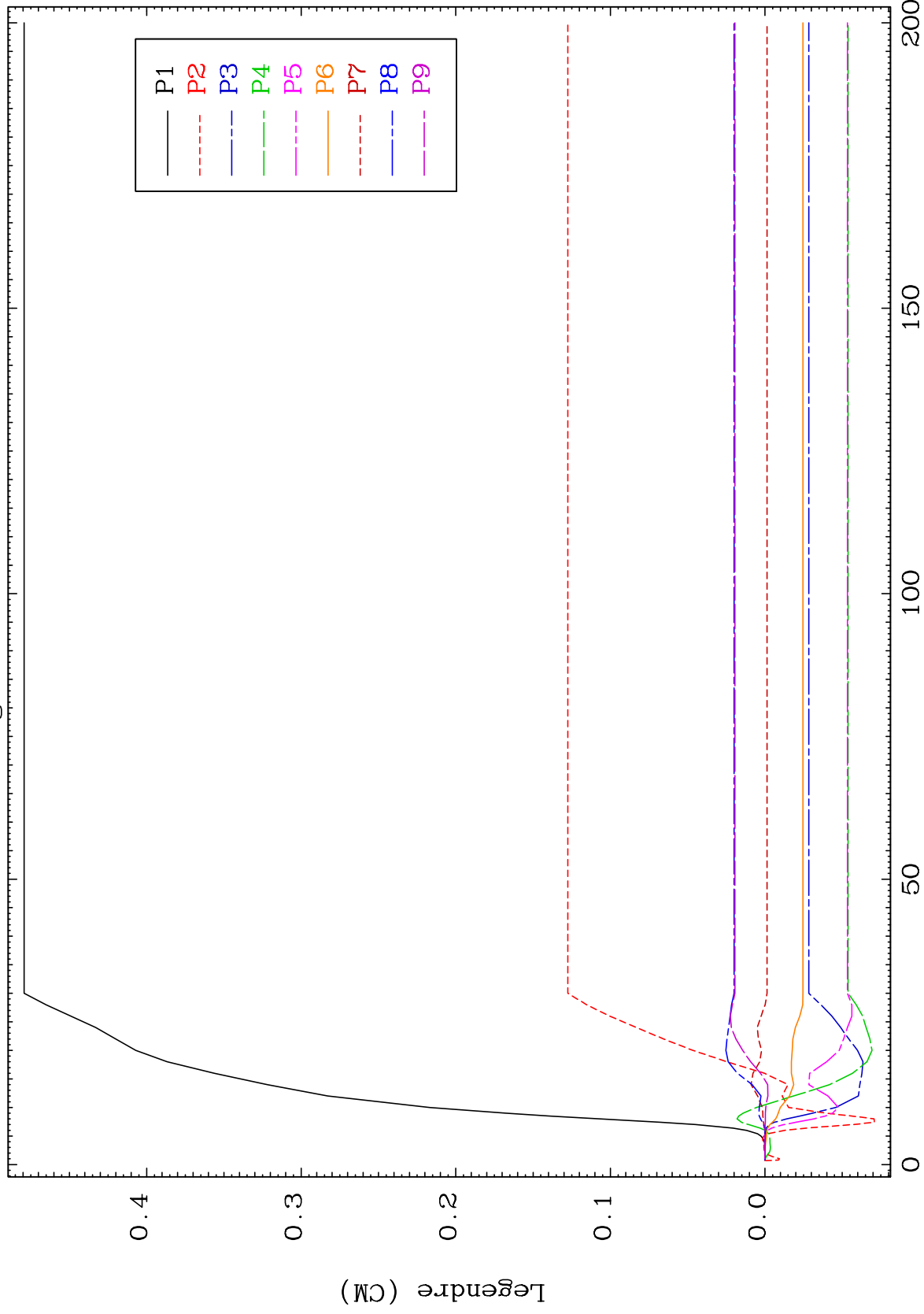
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84-Po-205

MAT 8422

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

84-Po-205



33

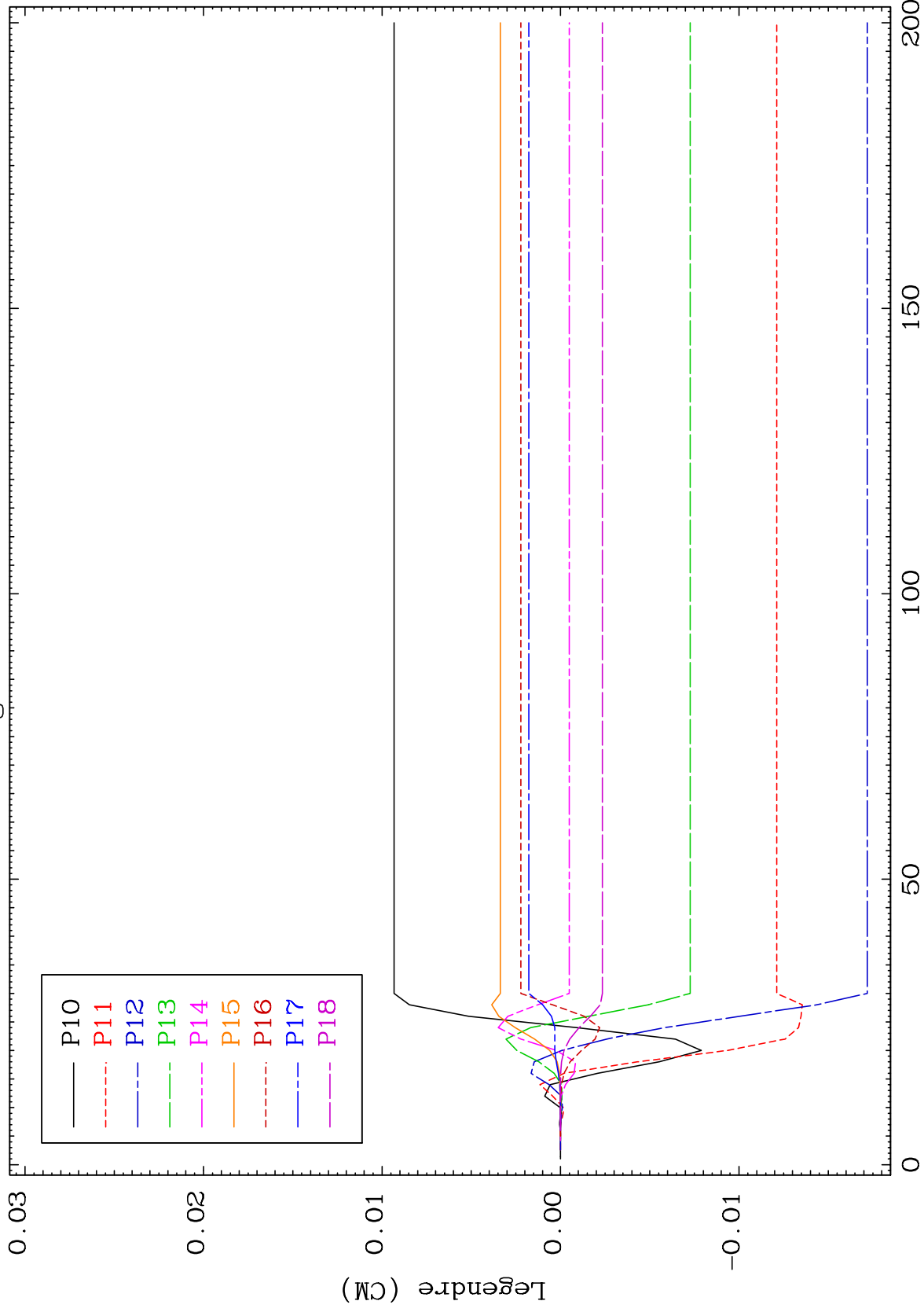
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



34

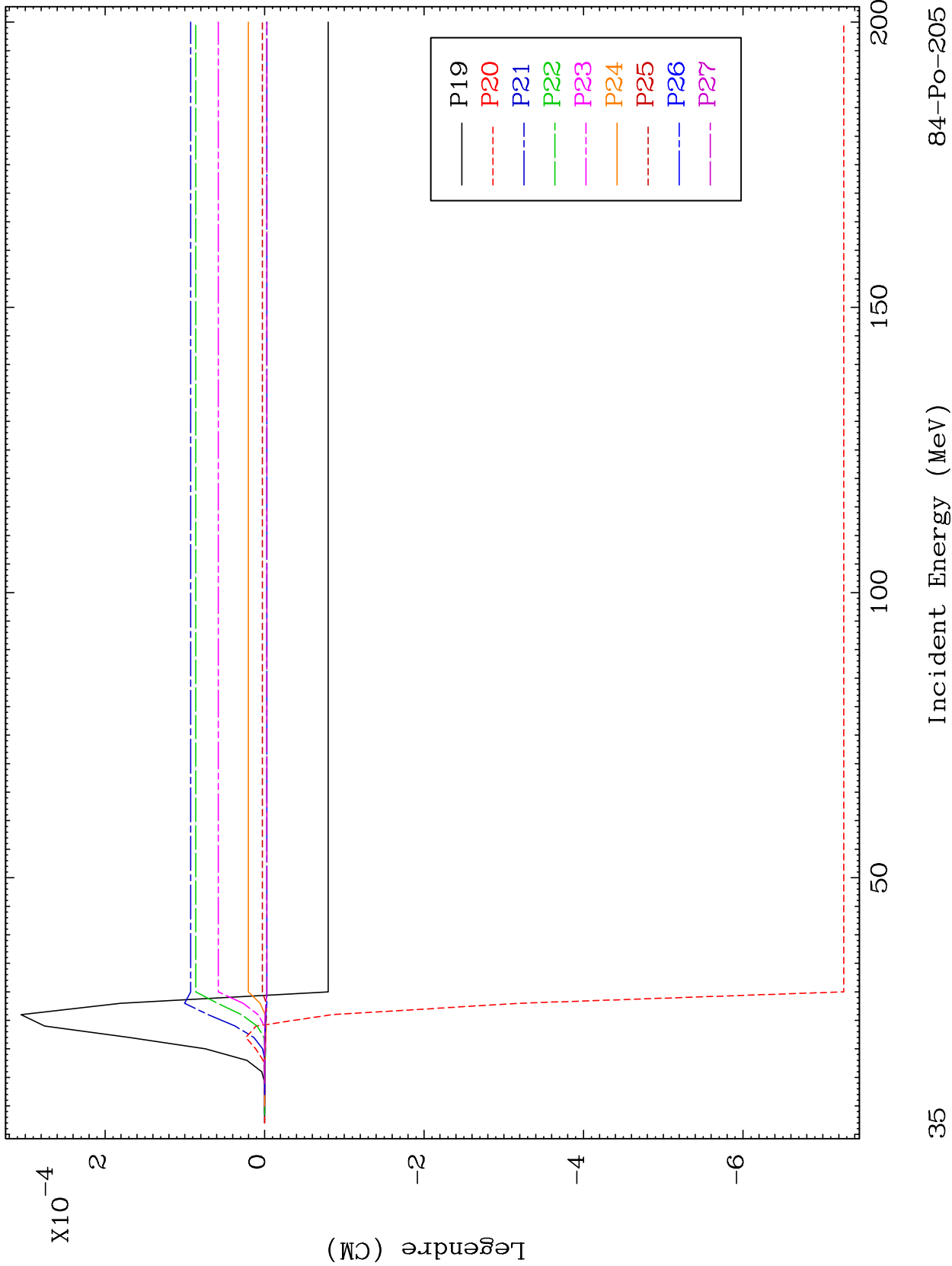
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



35

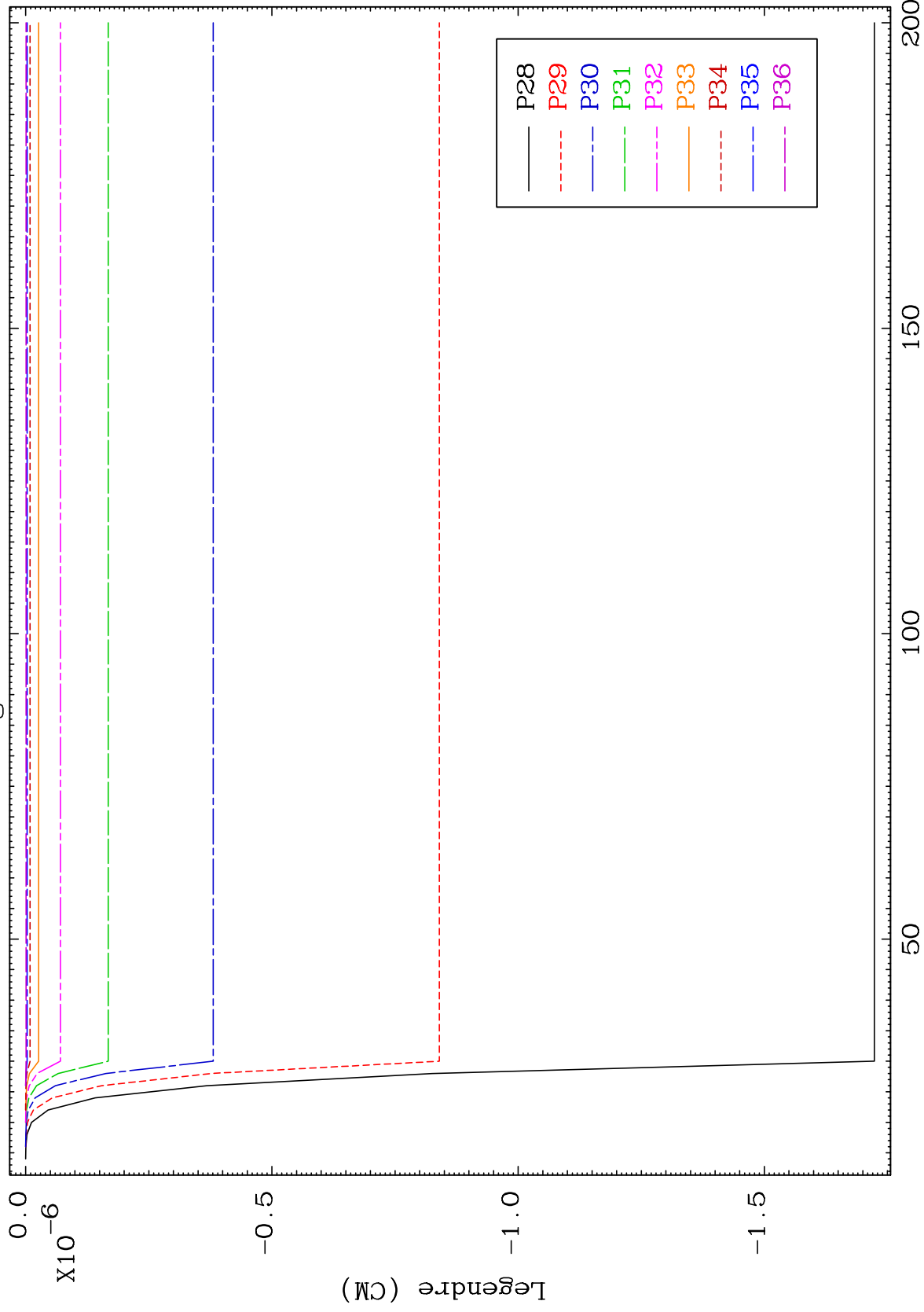
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



36

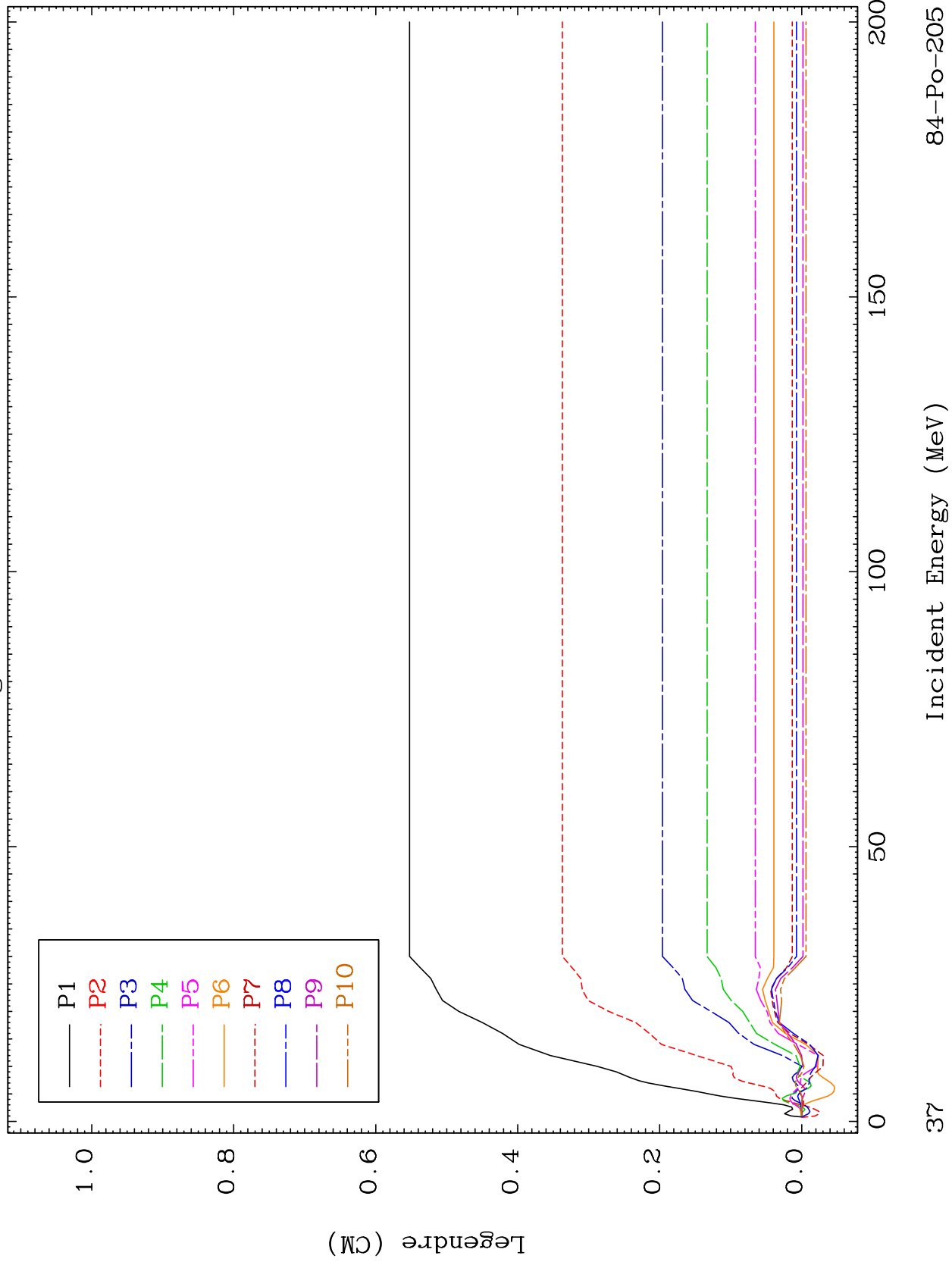
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



37

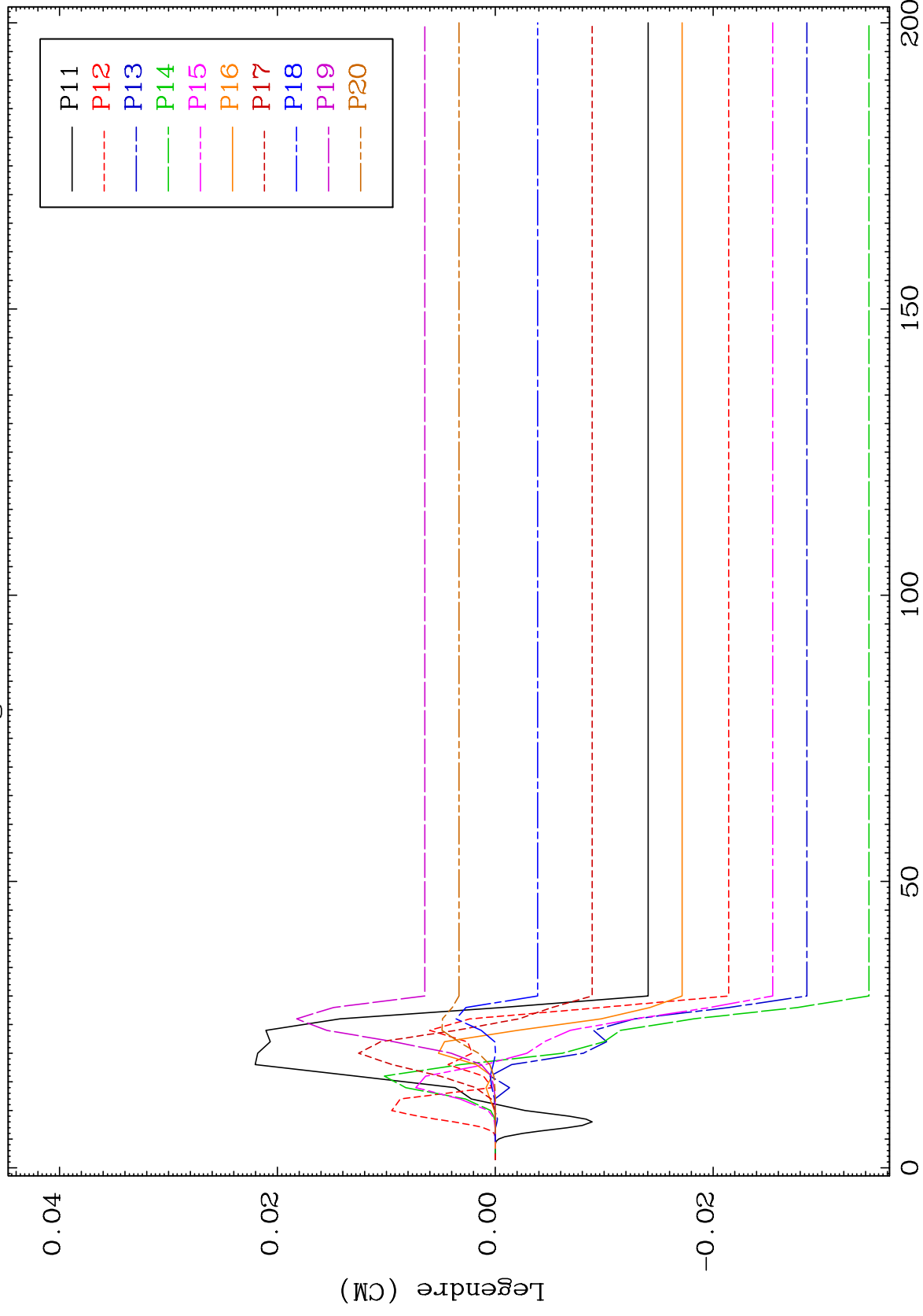
Incident Energy (MeV)

84-Po-205

MAT 8422

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

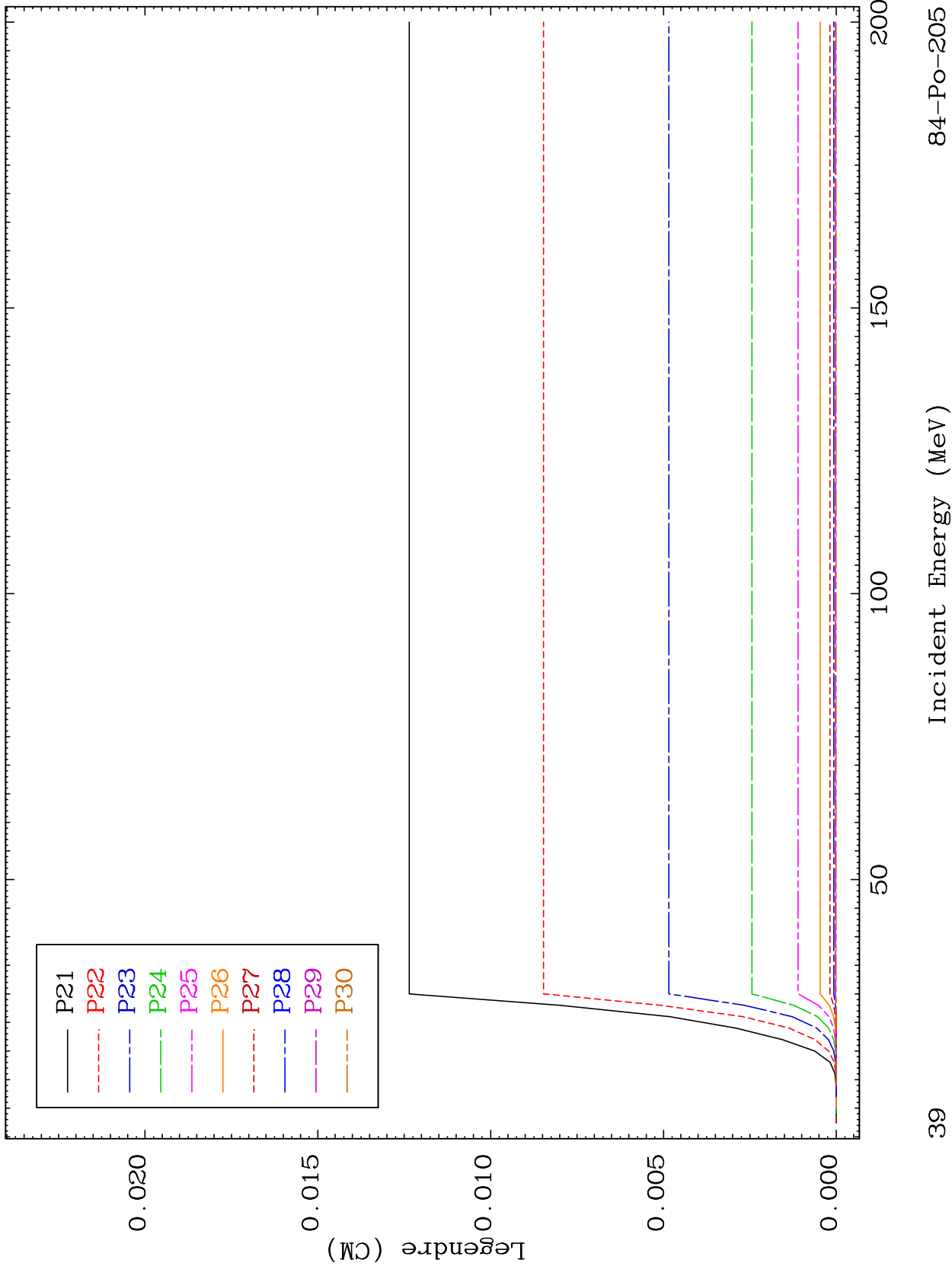
84-Po-205



38

Incident Energy (MeV)

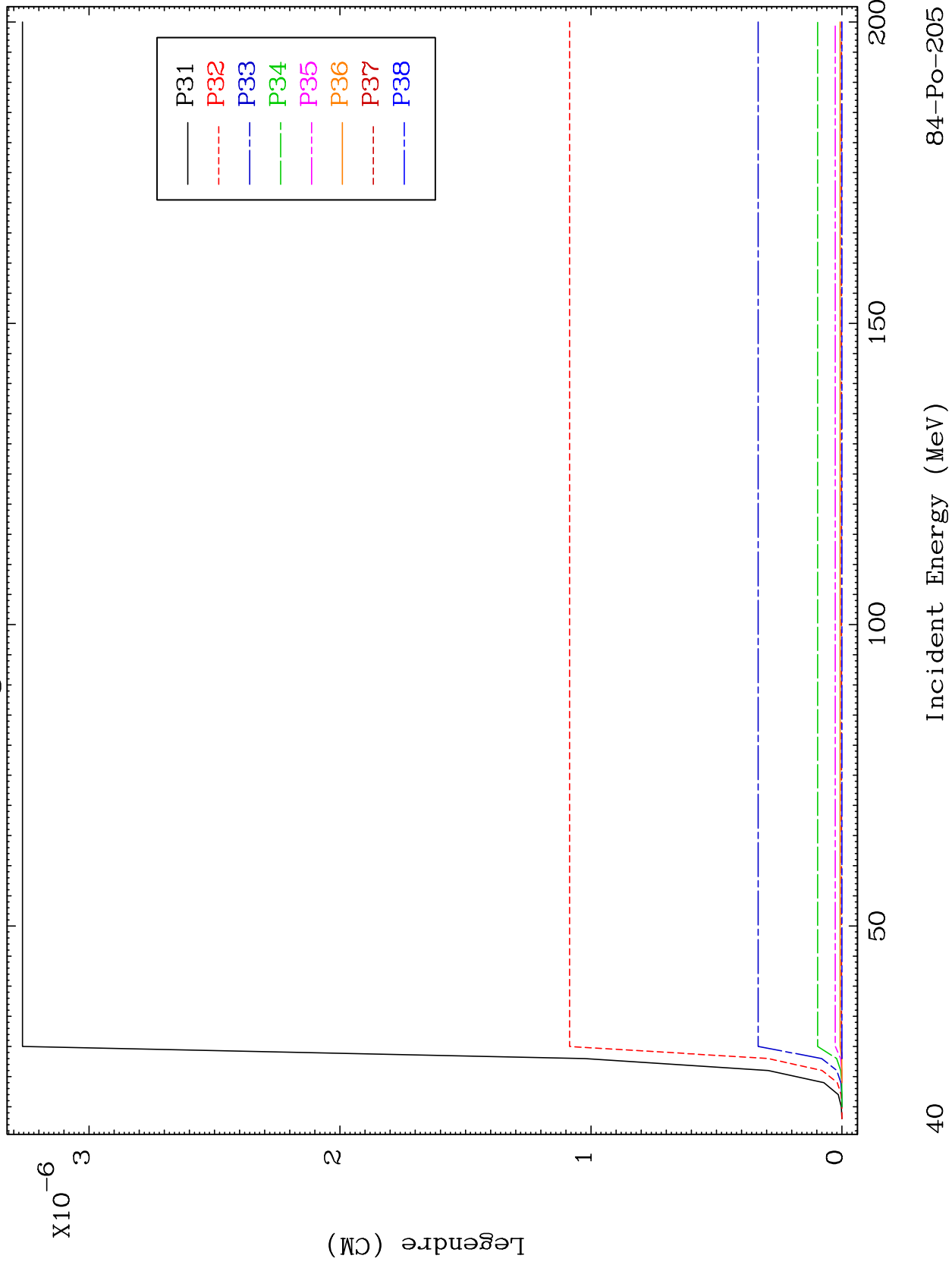
84-Po-205



MAT 8422

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

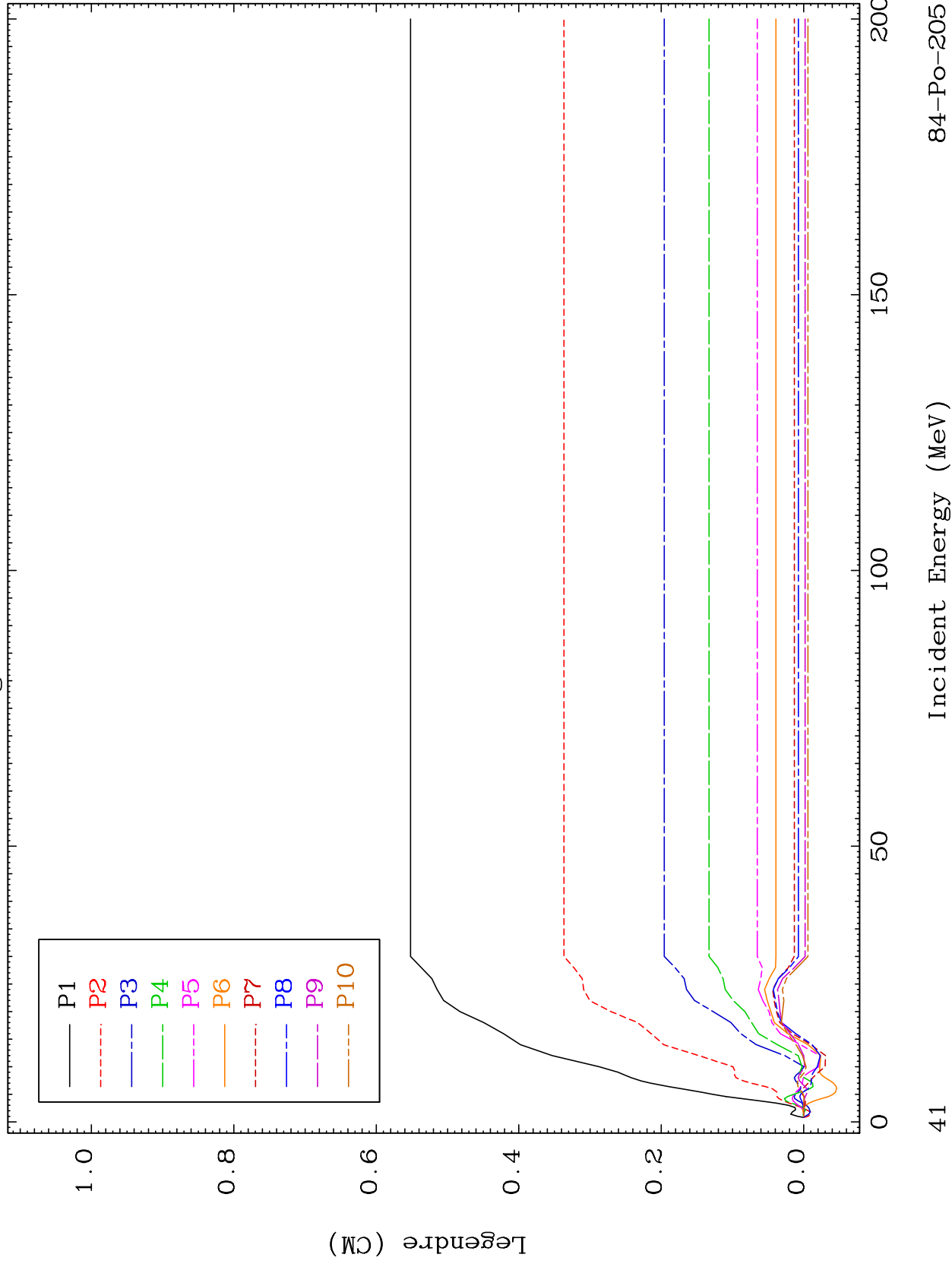
84-Po-205



MAT 8422

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

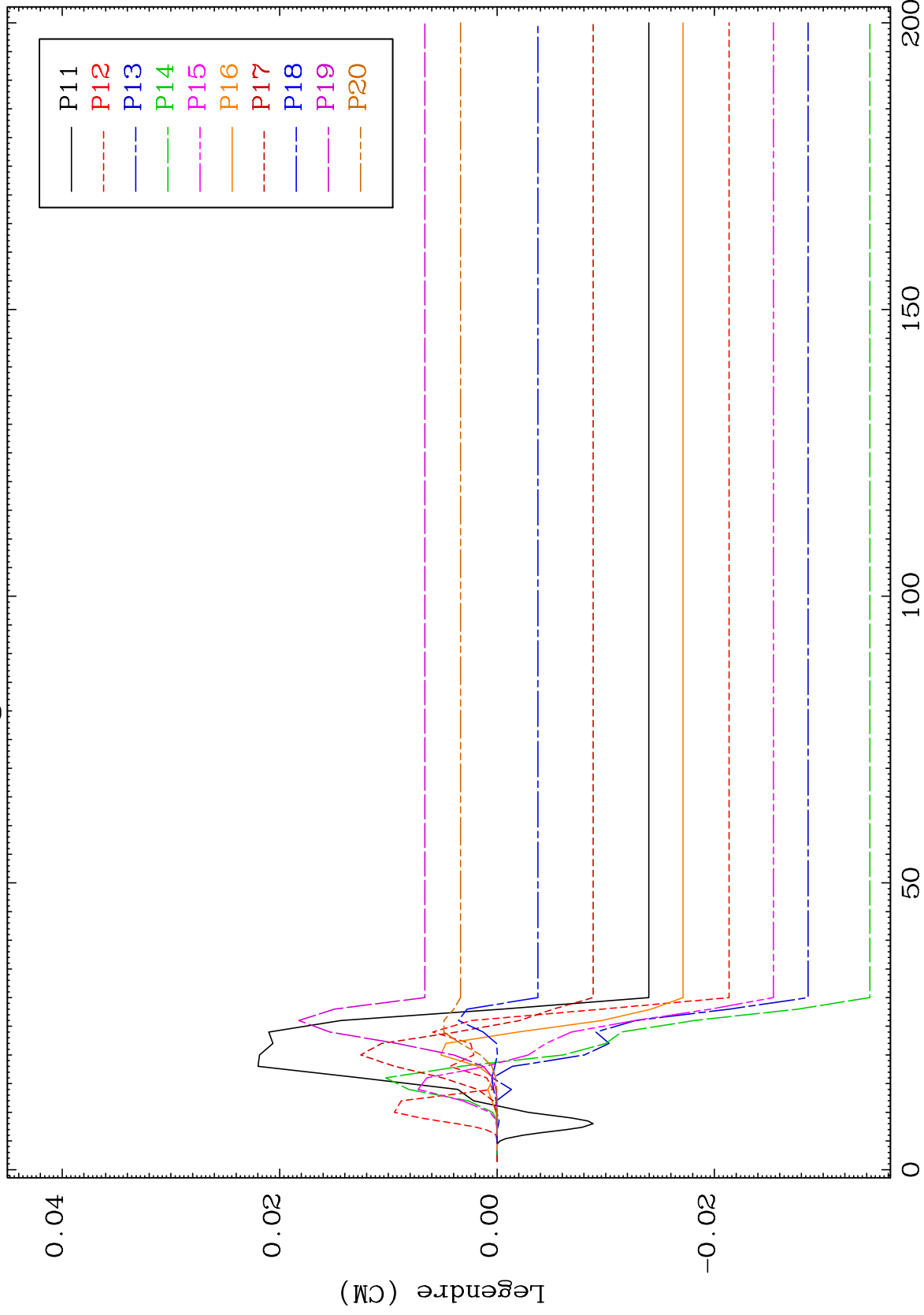
84-Po-205



MAT 8422

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

84-Po-205



42

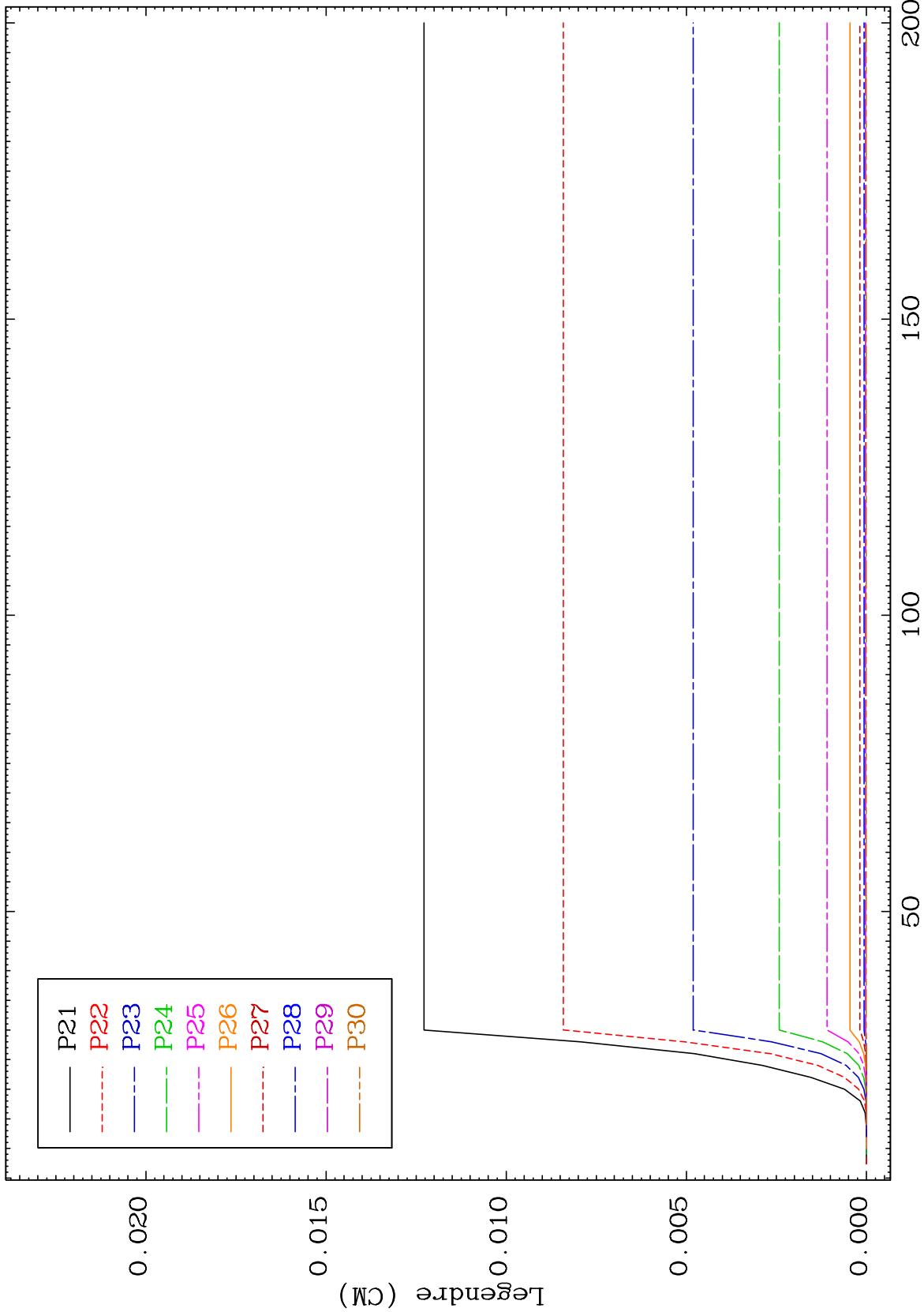
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



43

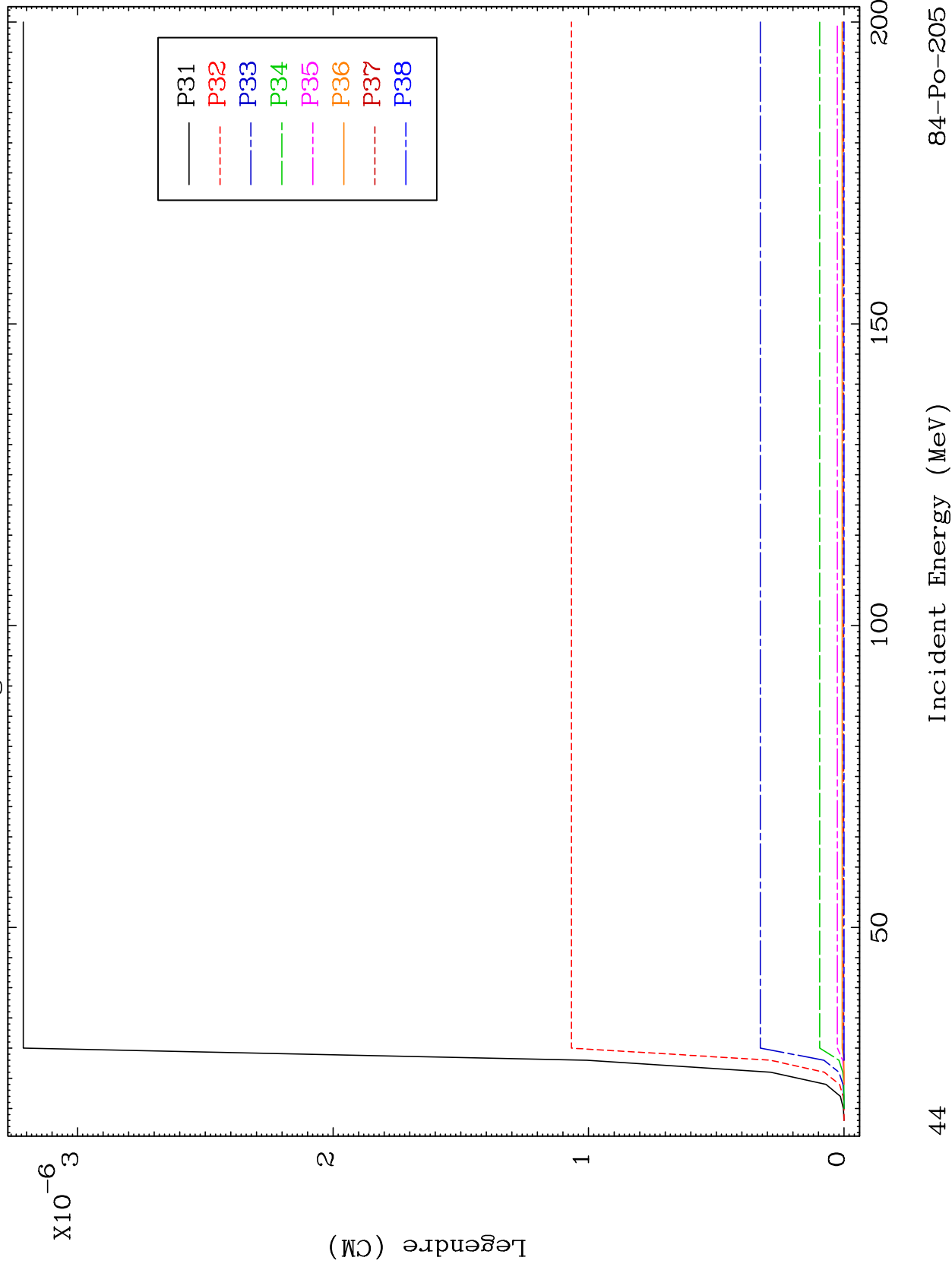
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



44

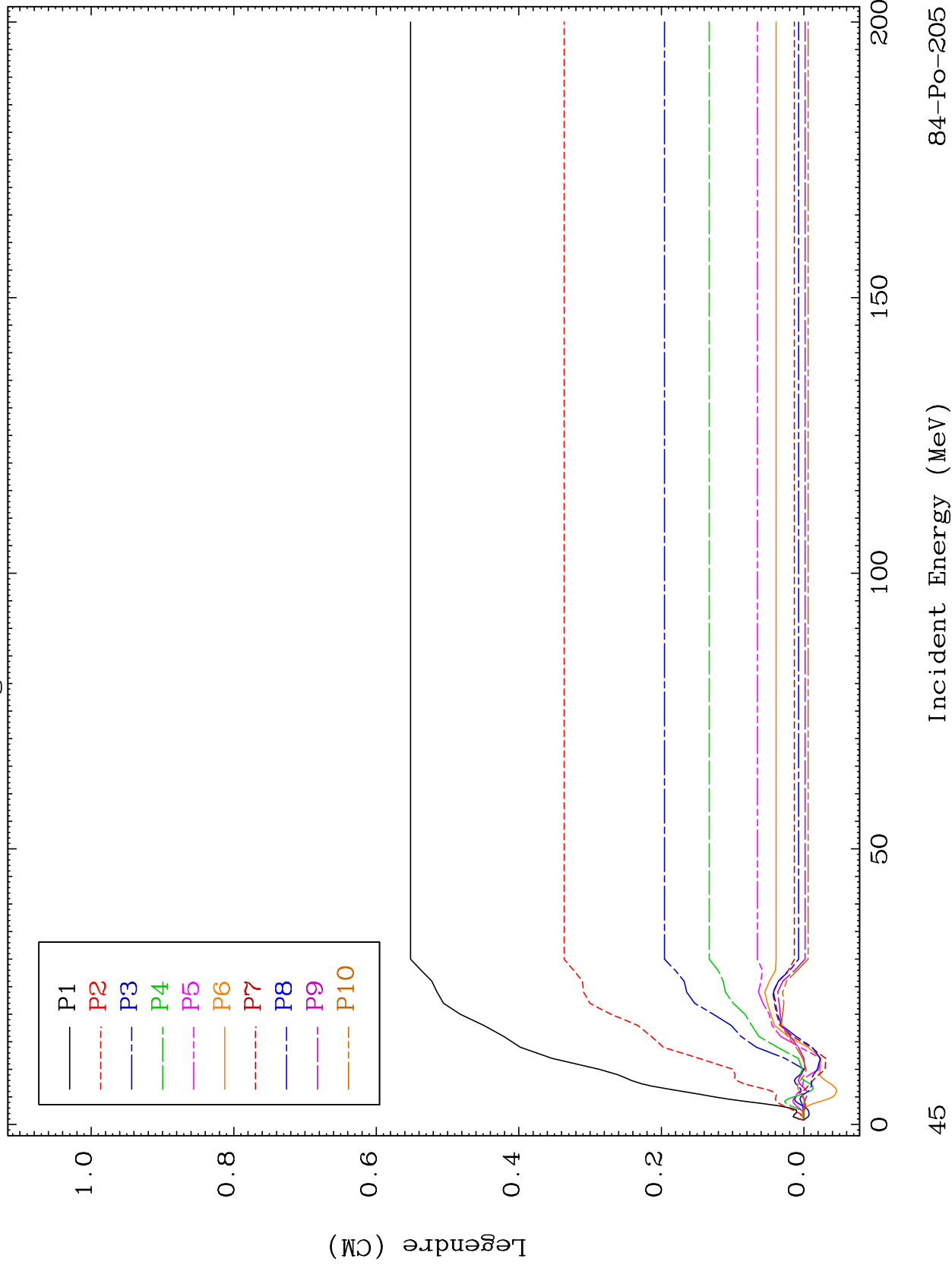
Incident Energy (MeV)

84-Po-205

MAT 8422

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

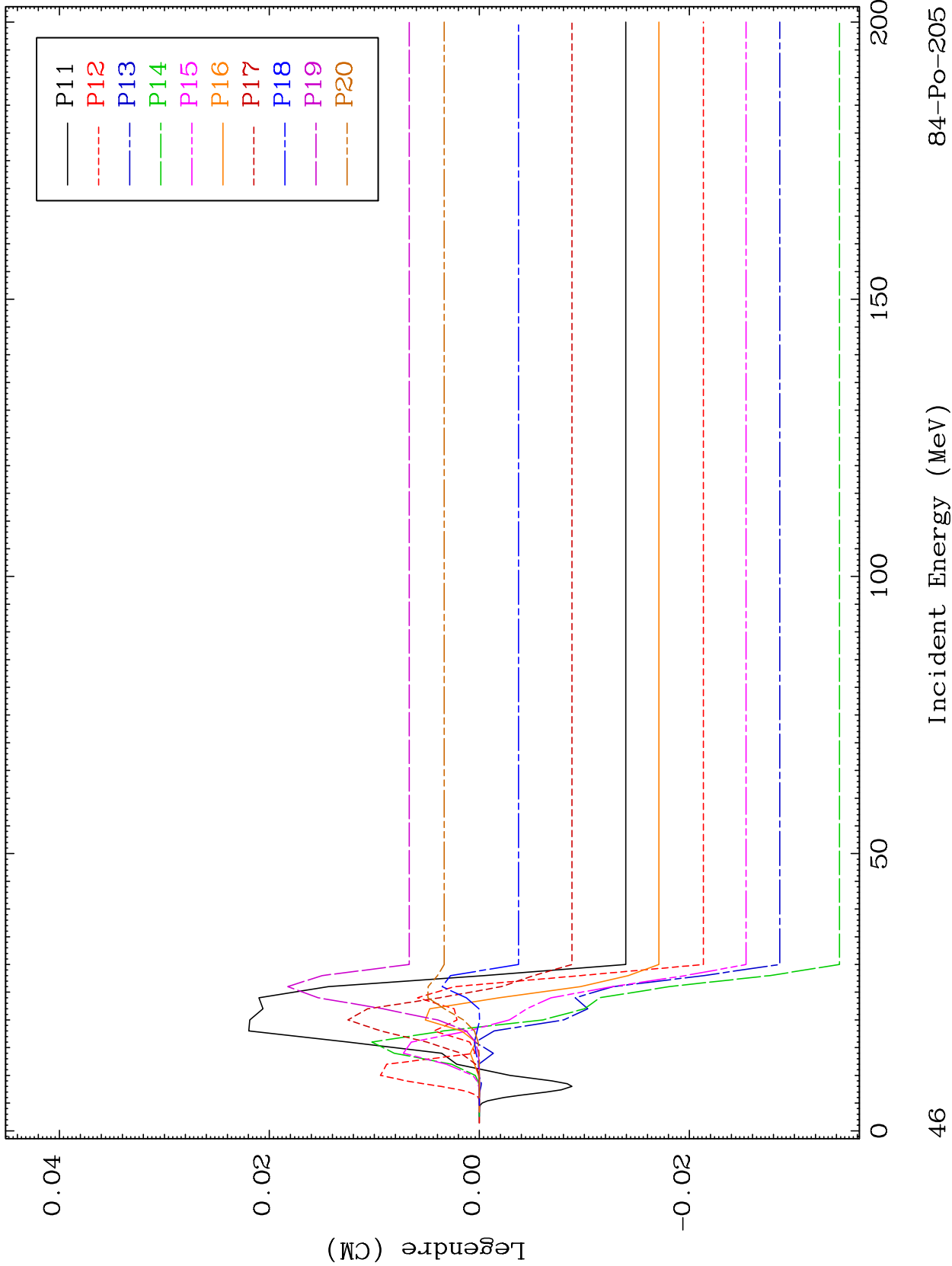
84-Po-205



MAT 8422

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

84-Po-205



46

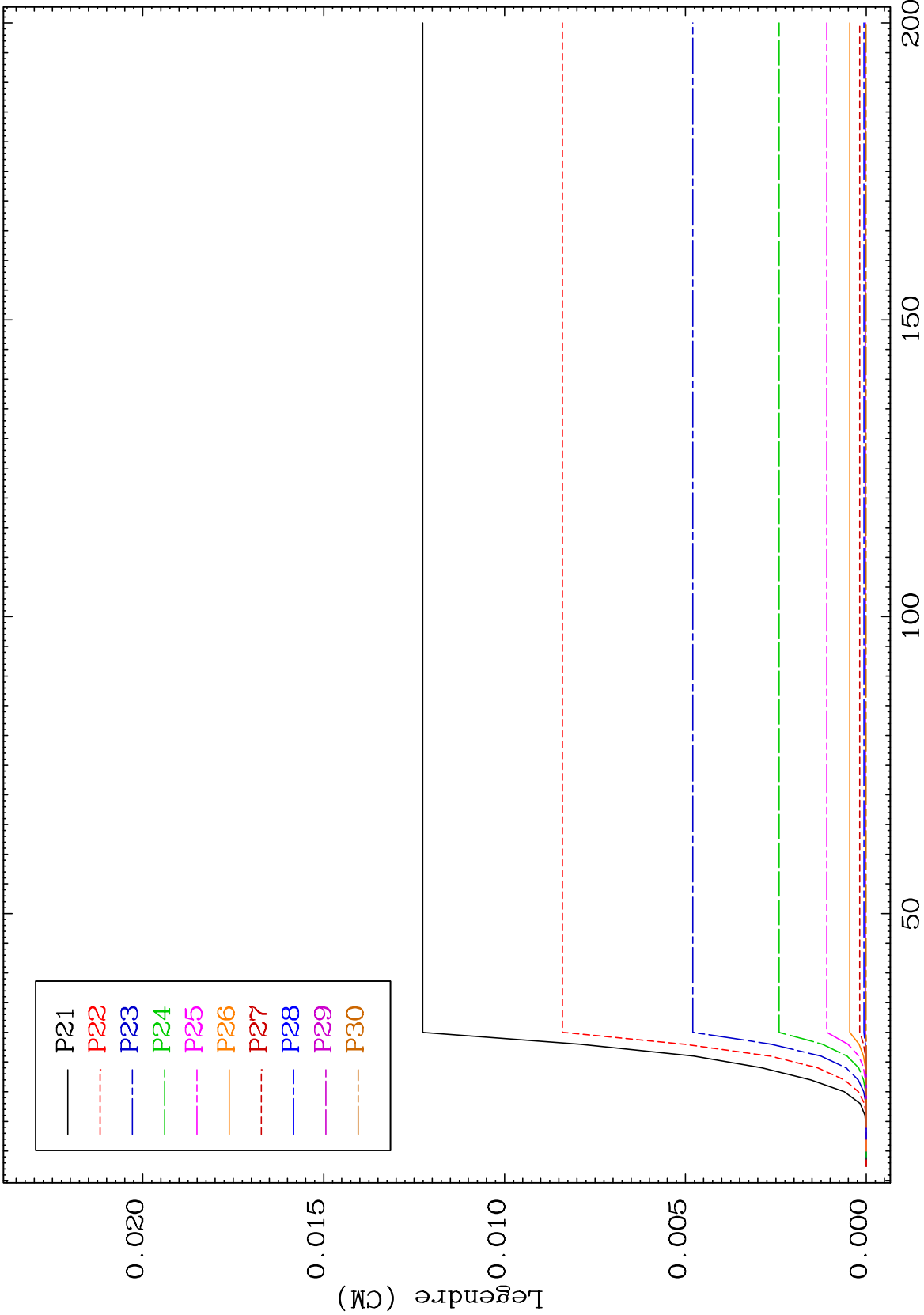
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



47

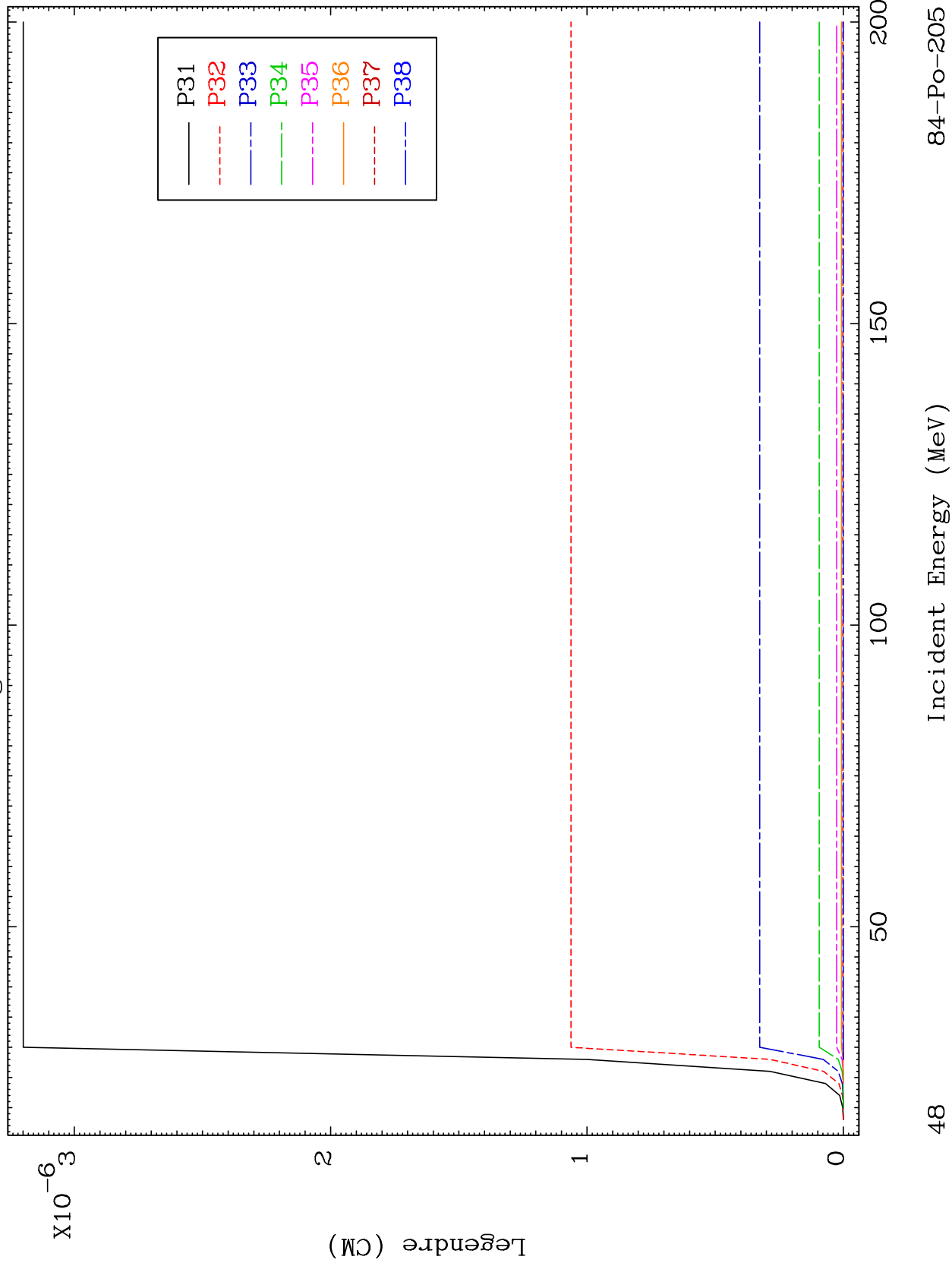
Incident Energy (MeV)

84-Po-205

MAT 8422

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

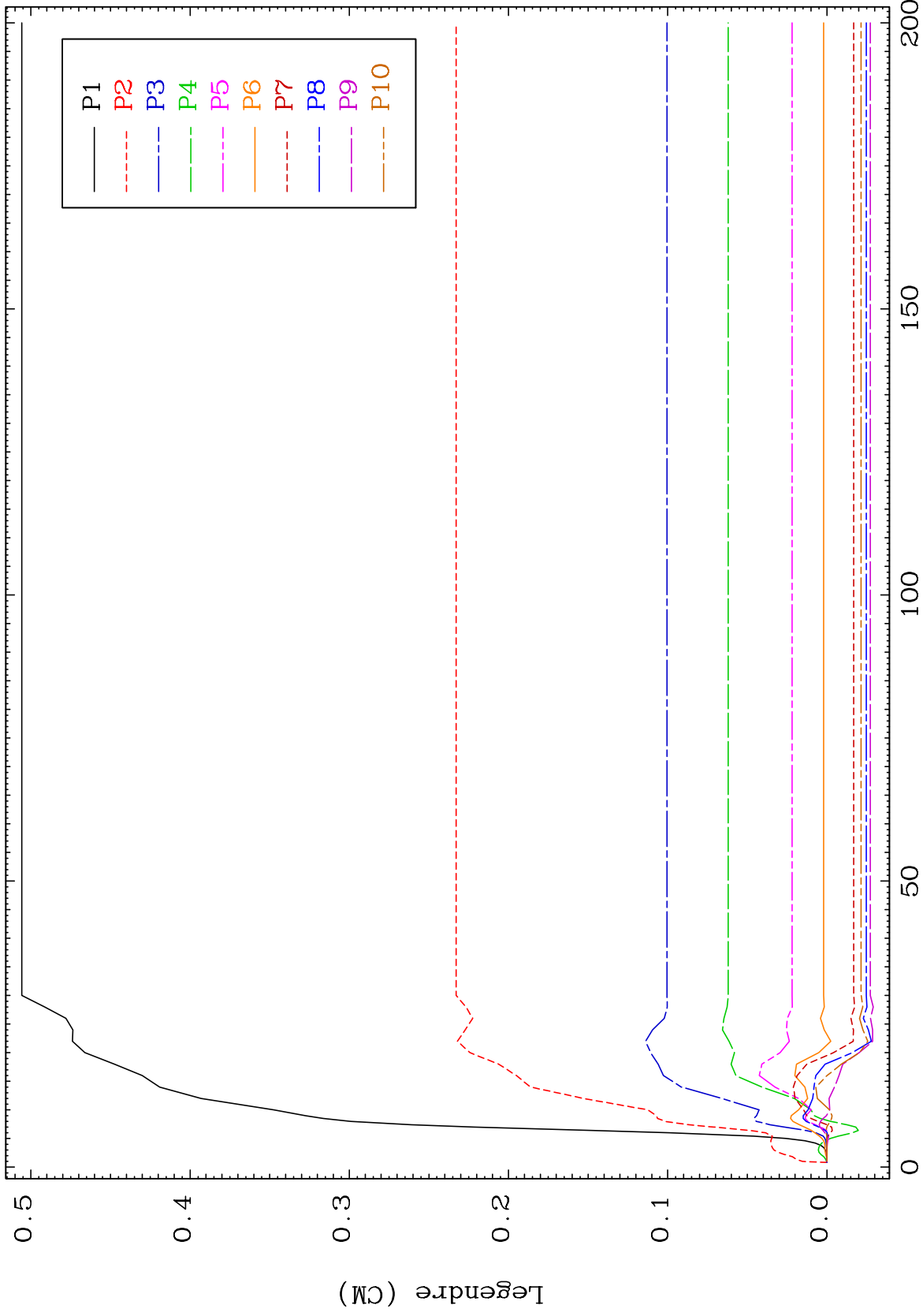
84-Po-205



MAT 8422

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

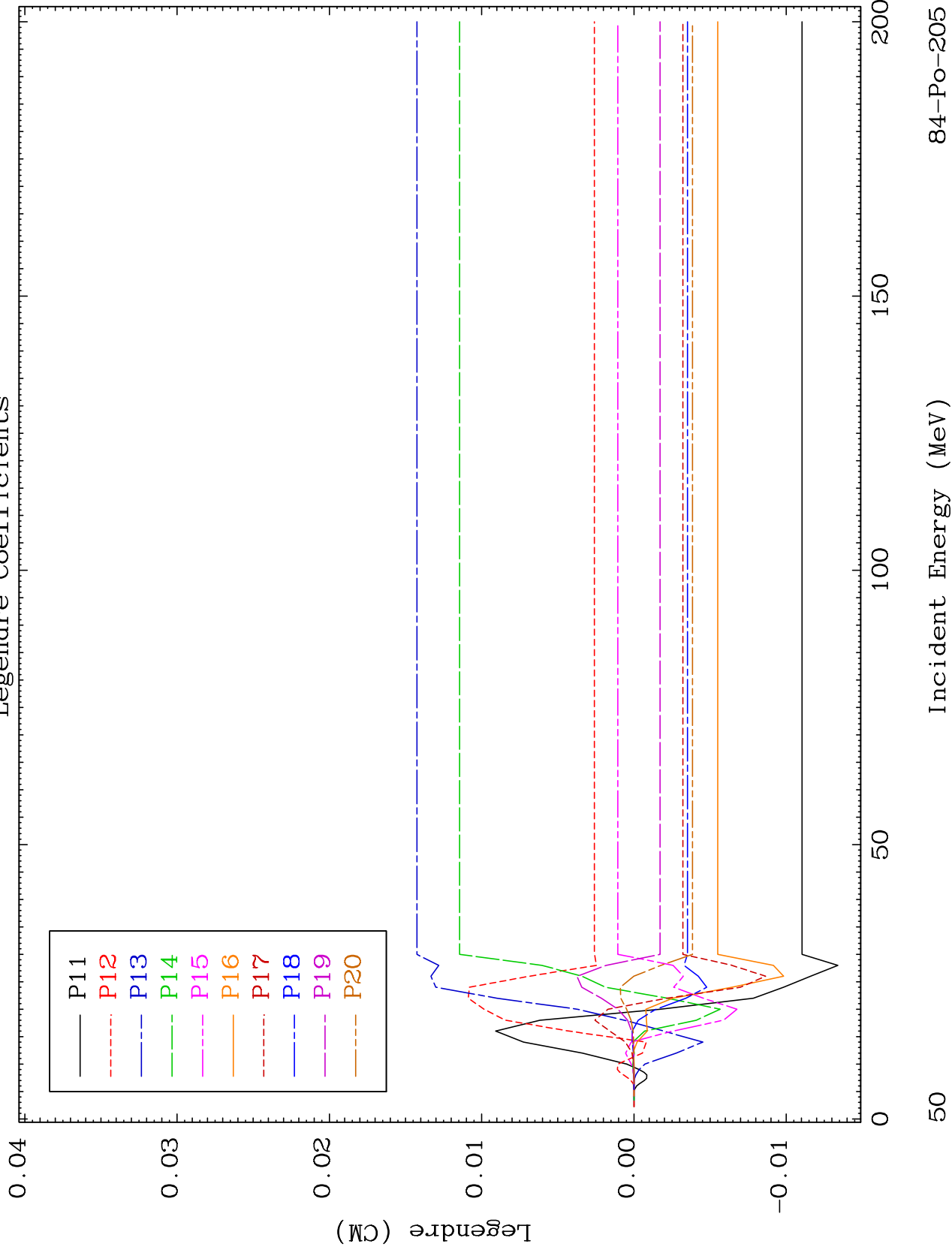
84-Po-205



MAT 8422

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

84-Po-205



84-Po-205

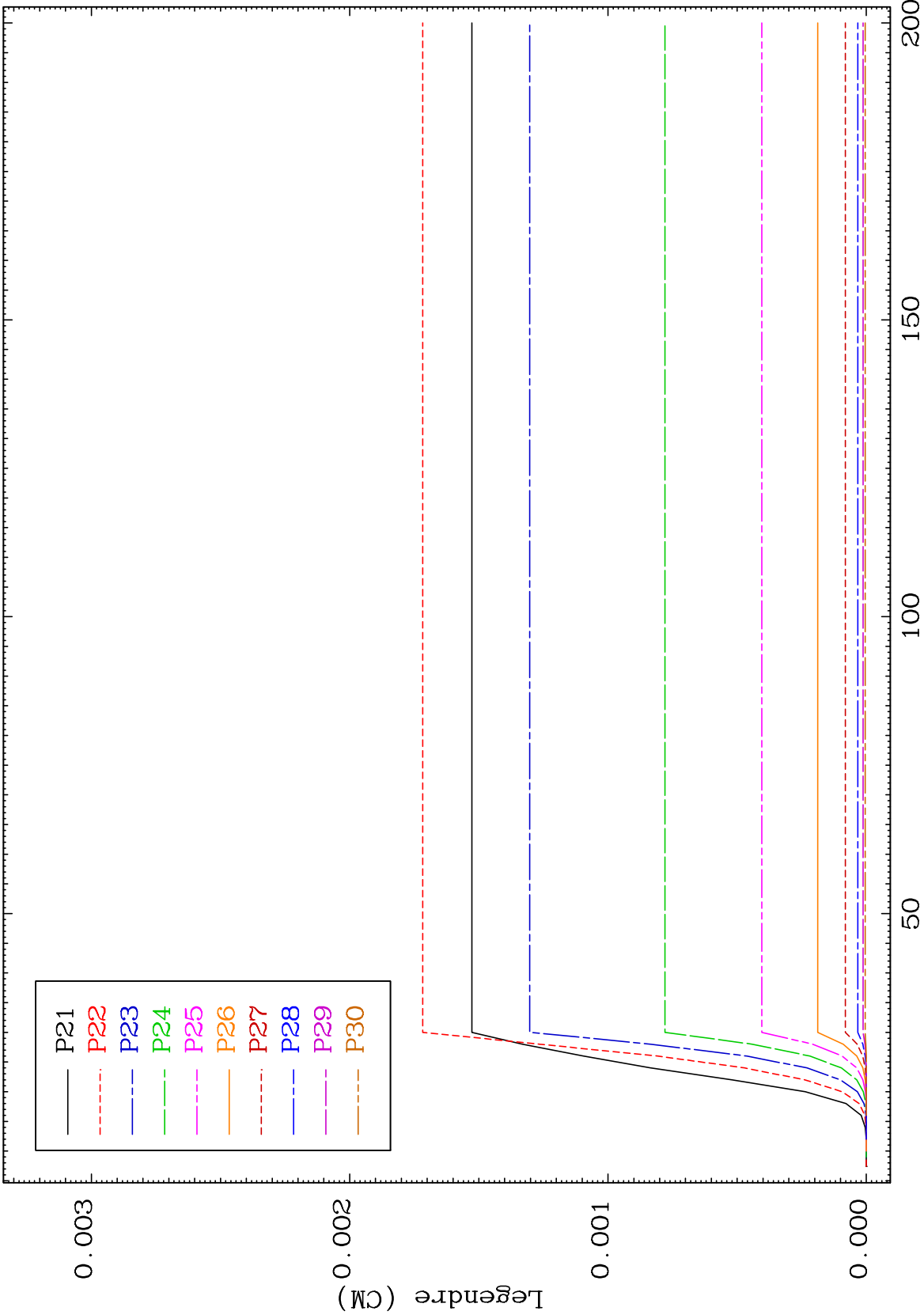
Incident Energy (MeV)

50

MAT 8422

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

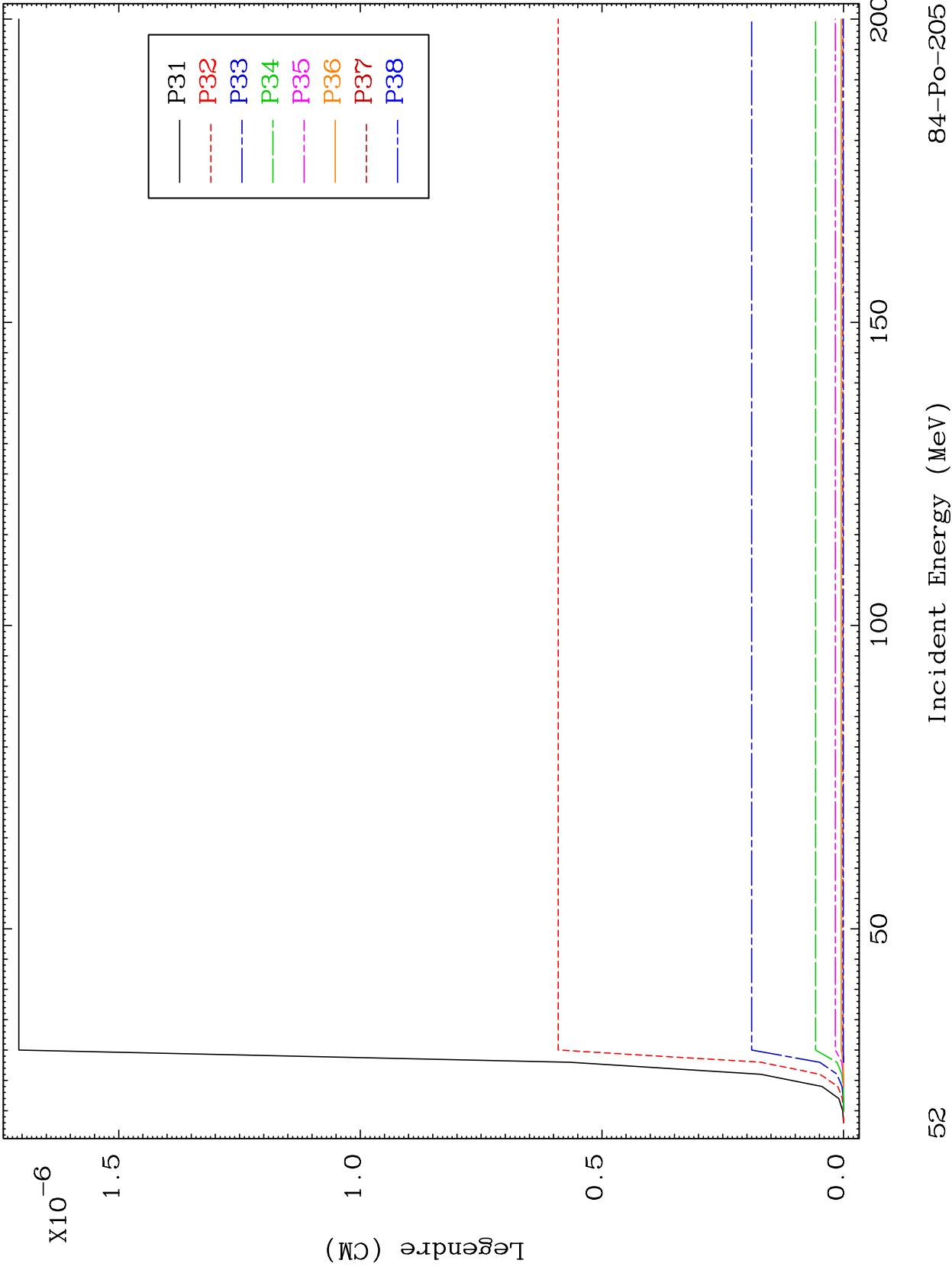
84-Po-205



MAT 8422

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

84-Po-205



52

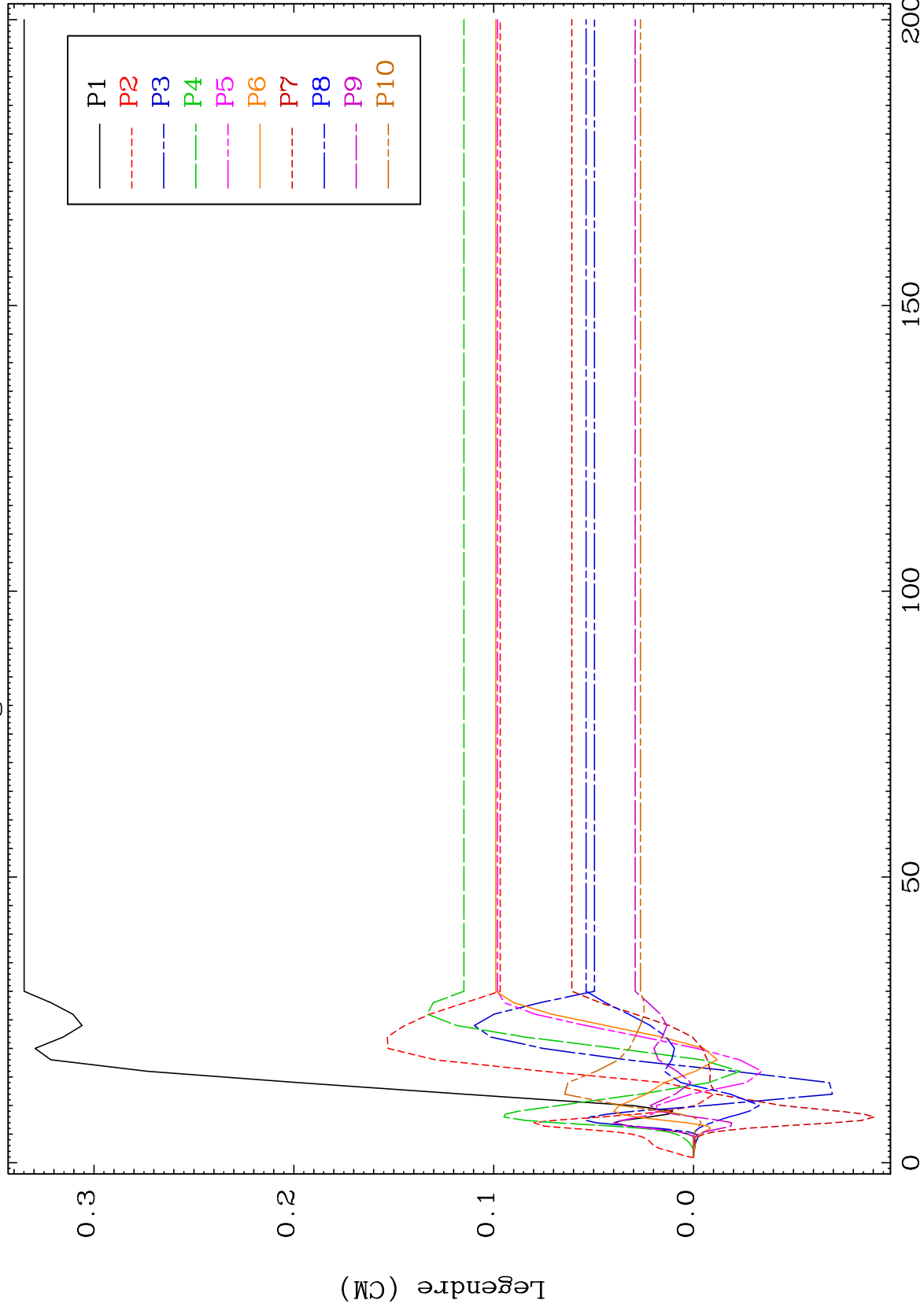
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



53

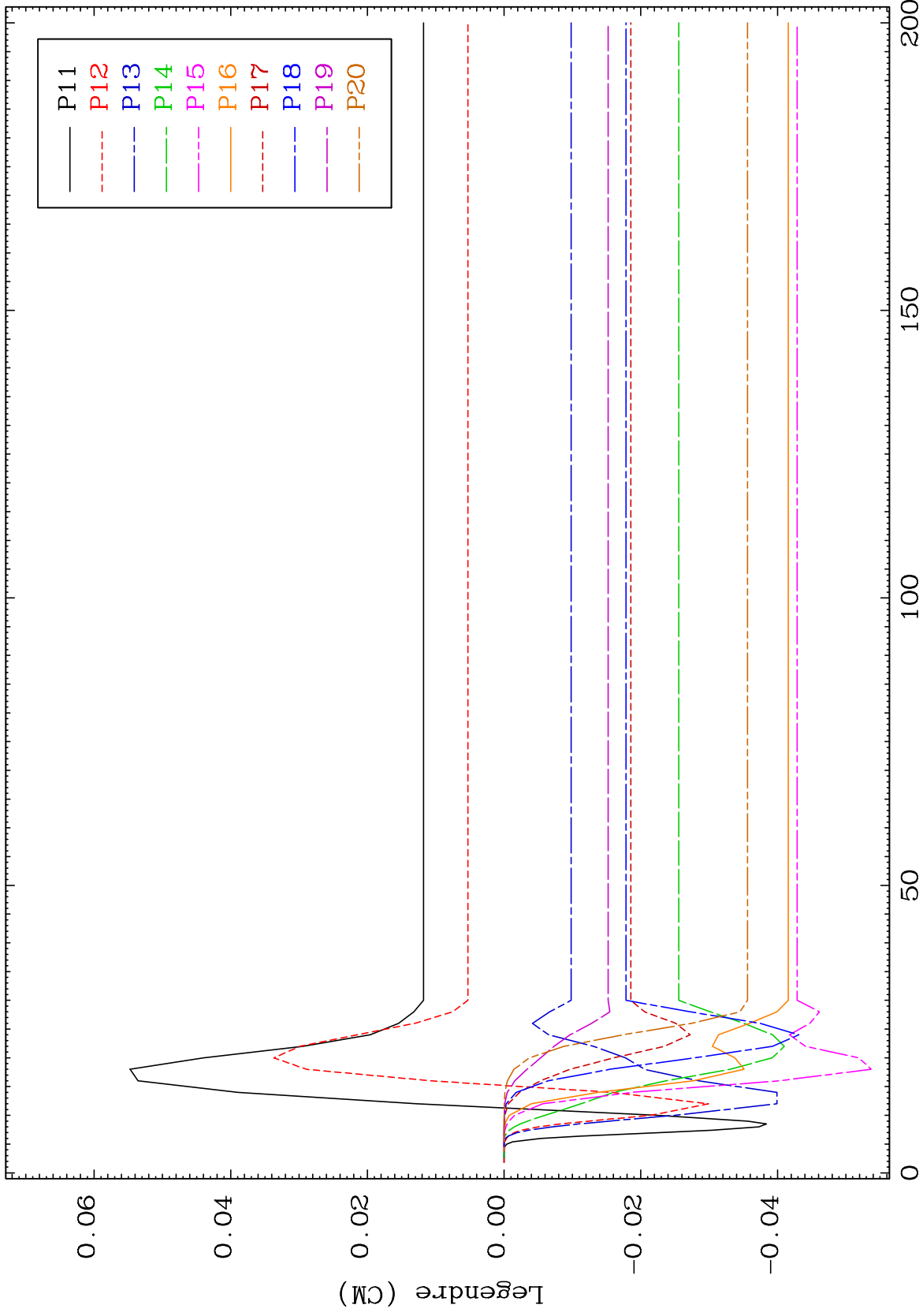
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



54

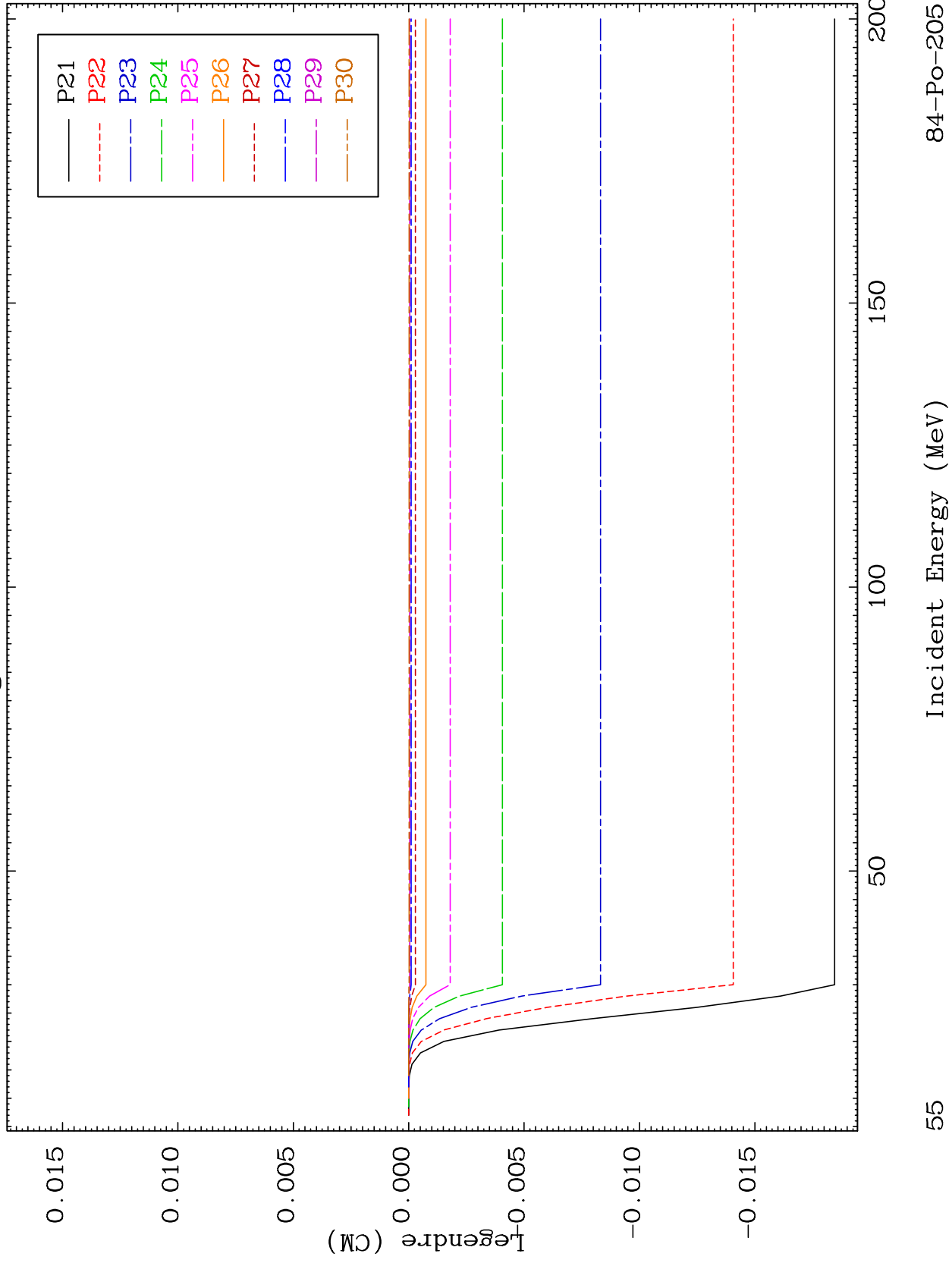
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



55

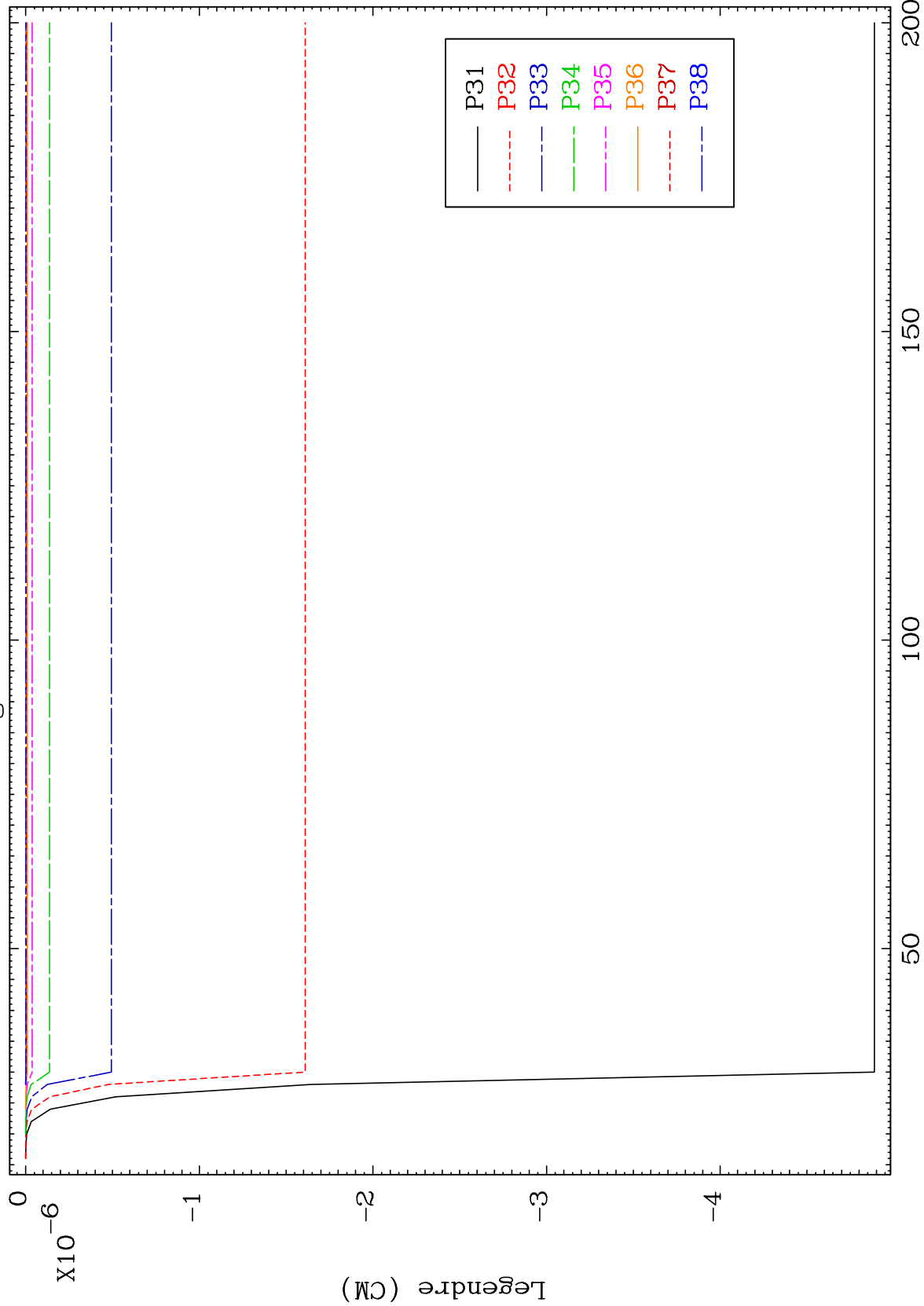
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



56

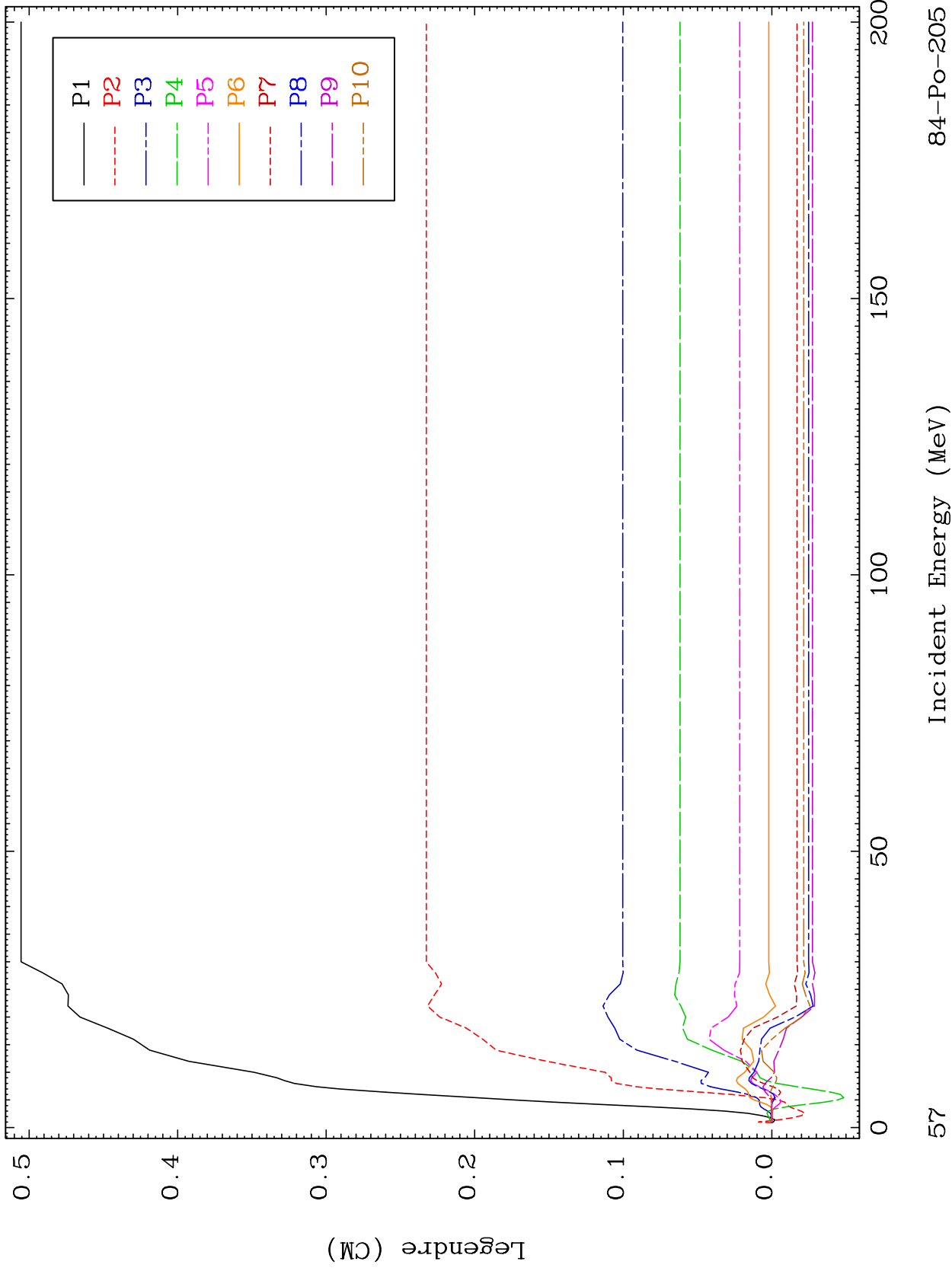
Incident Energy (MeV)

84-Po-205

MAT 8422

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

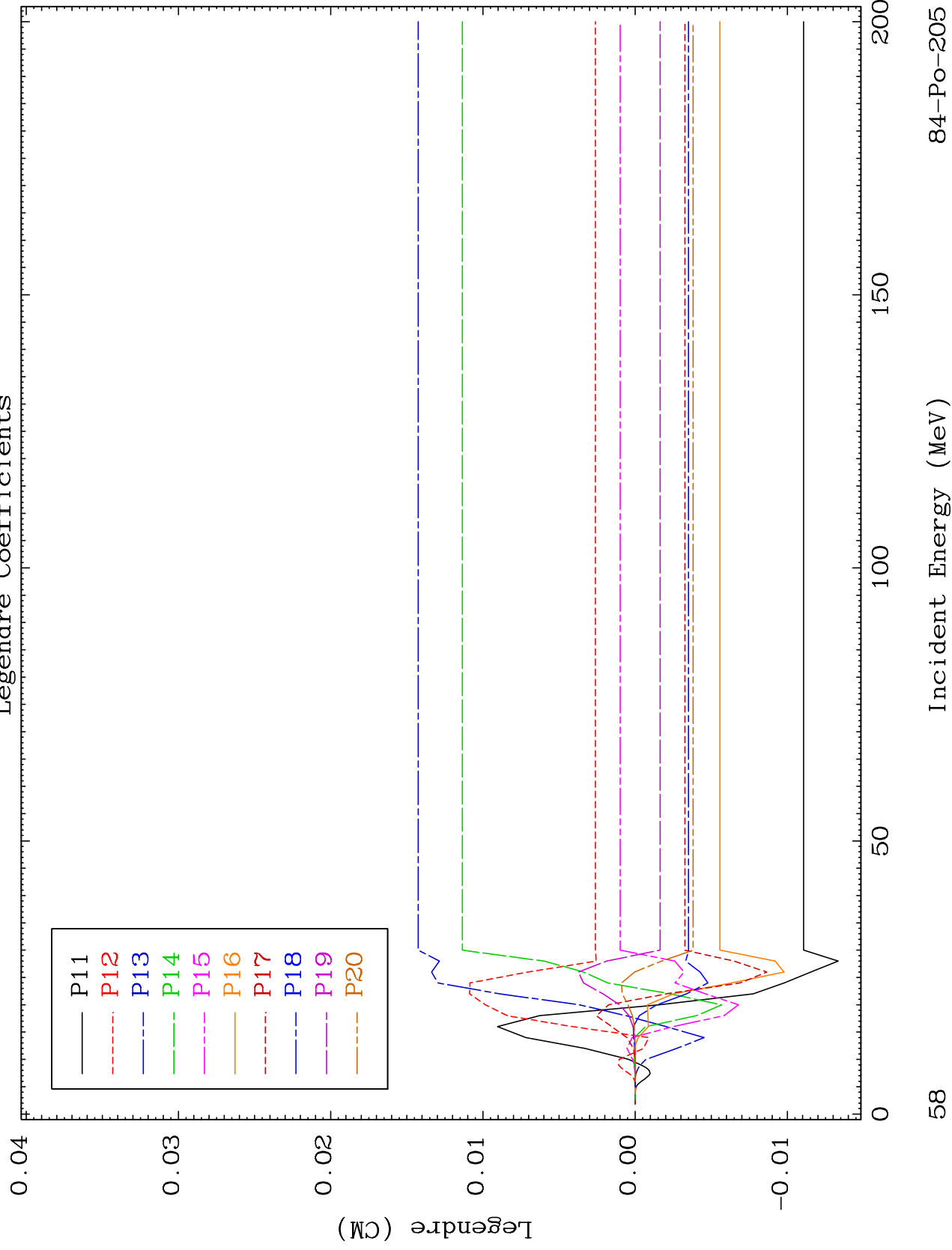
84-Po-205



MAT 8422

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

84-Po-205



58

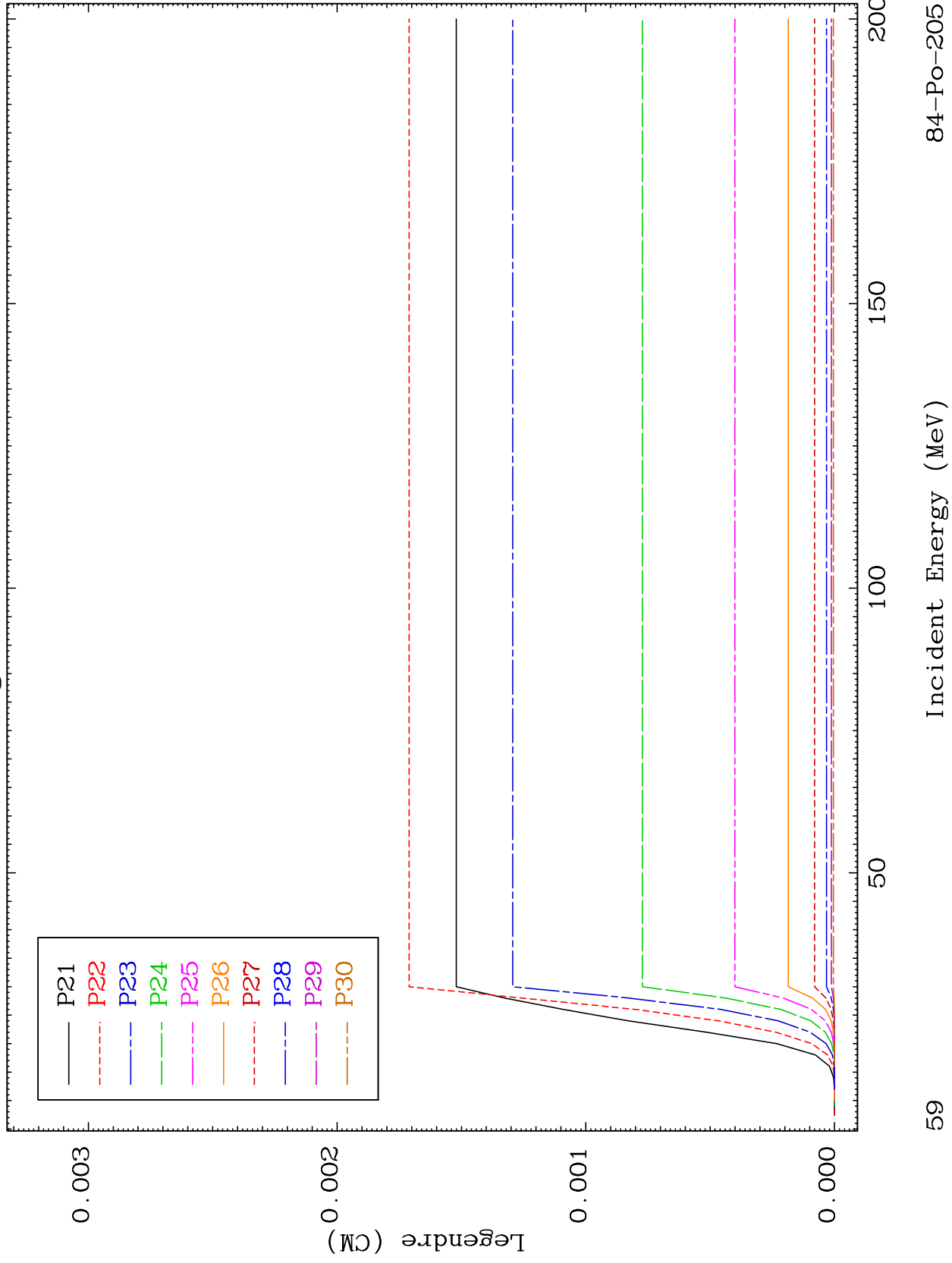
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



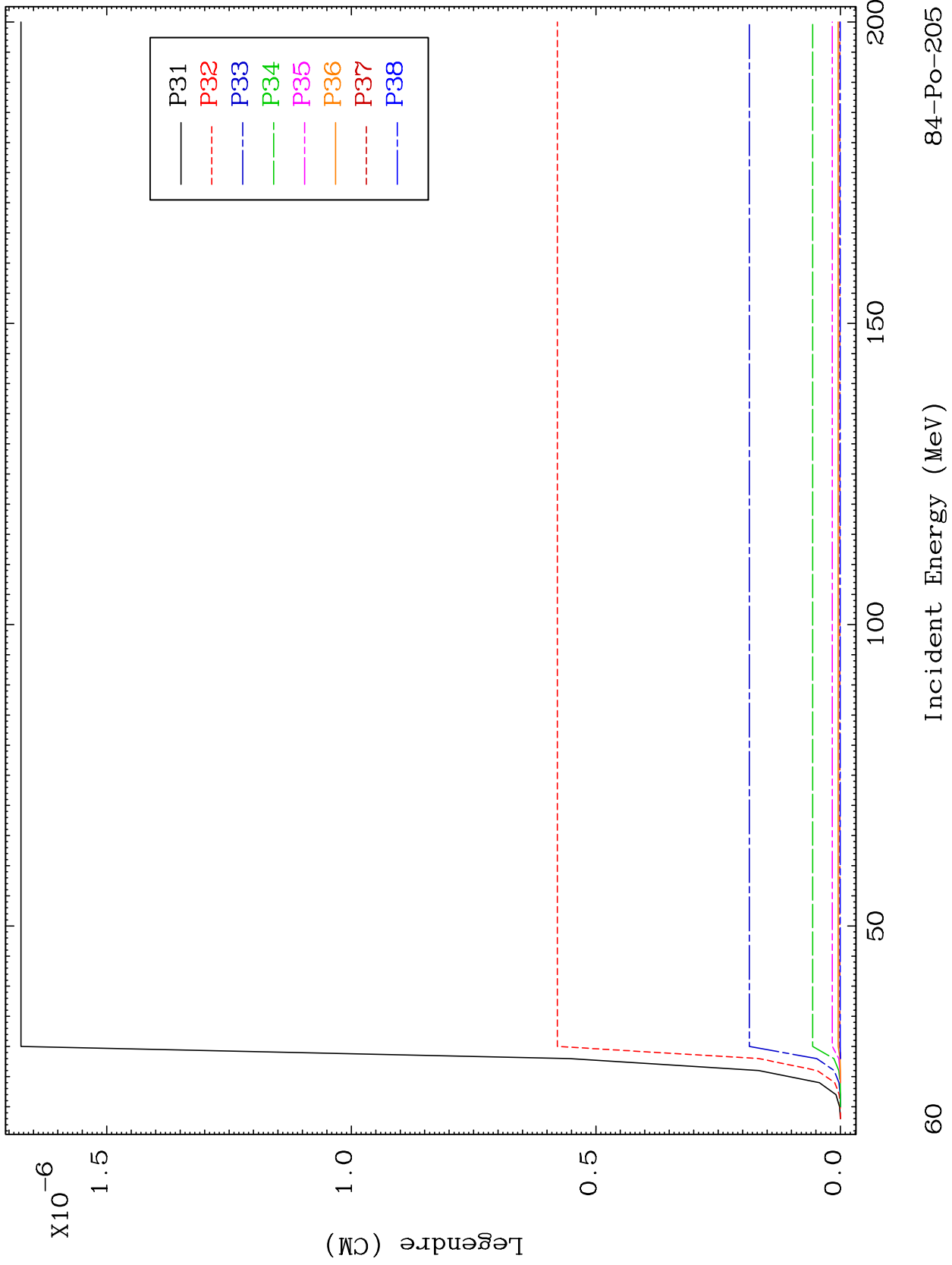
59

84-Po-205

MAT 8422

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

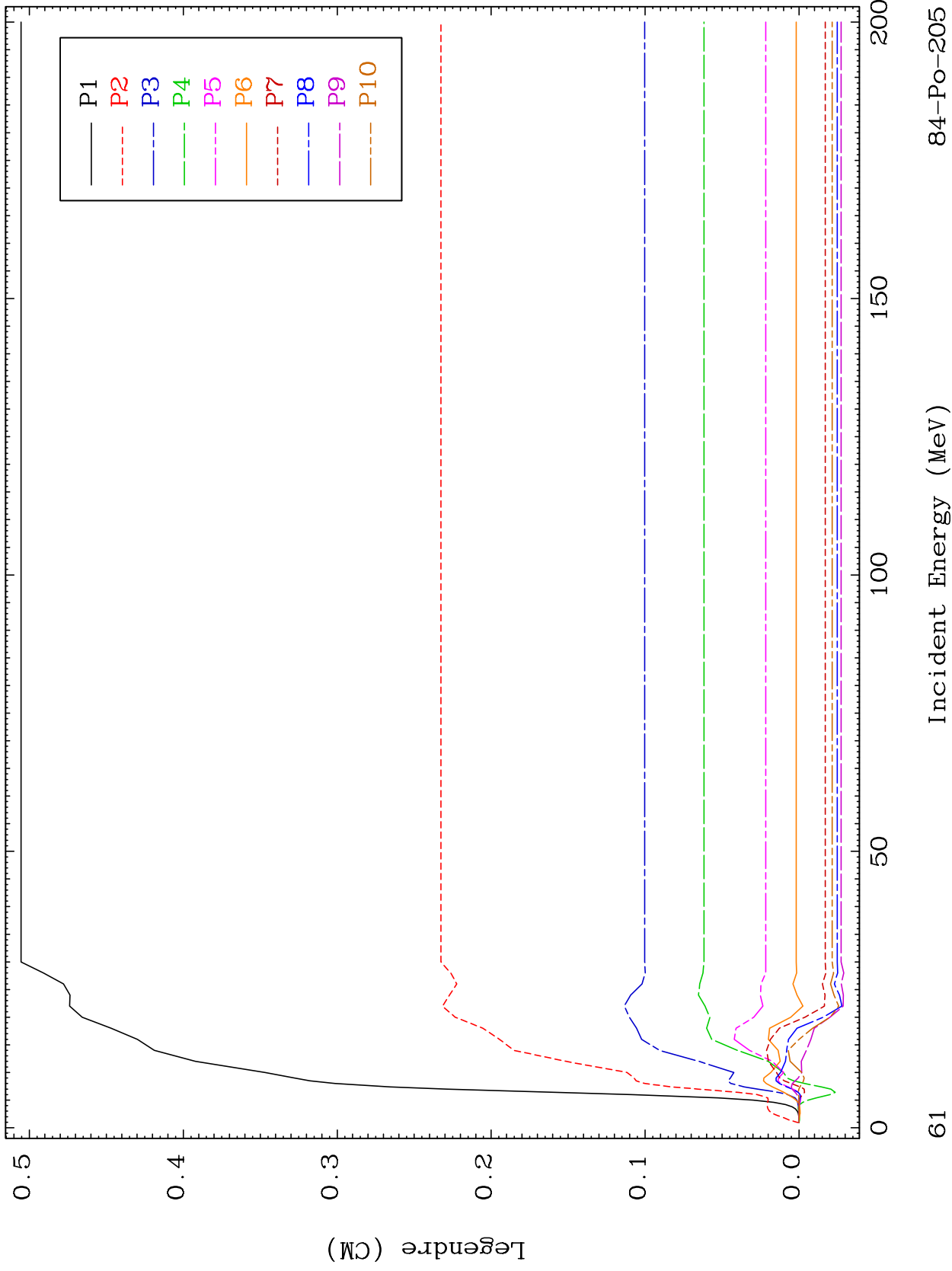
84-Po-205



MAT 8422

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

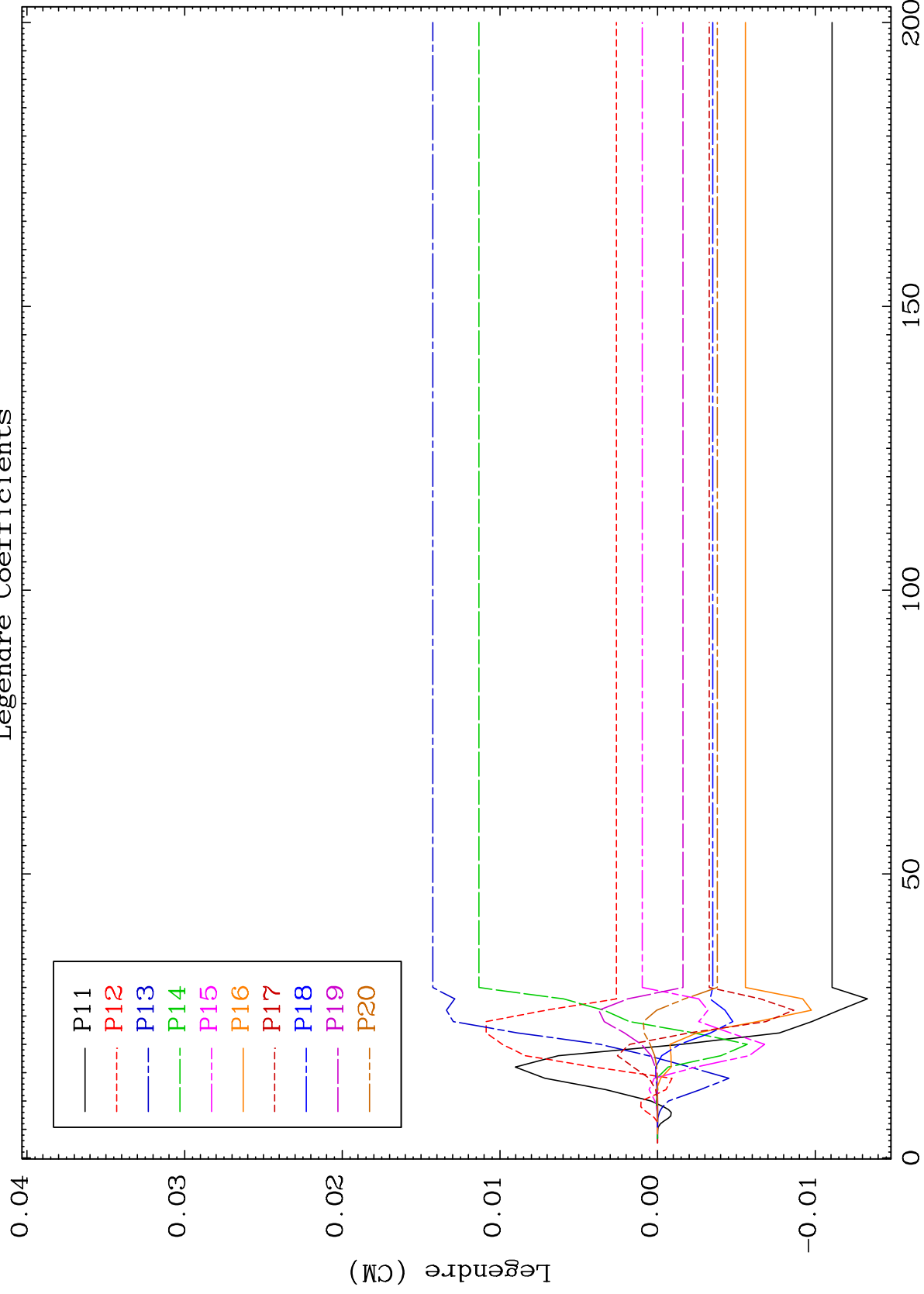
84-Po-205



MAT 8422

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

84-Po-205



62

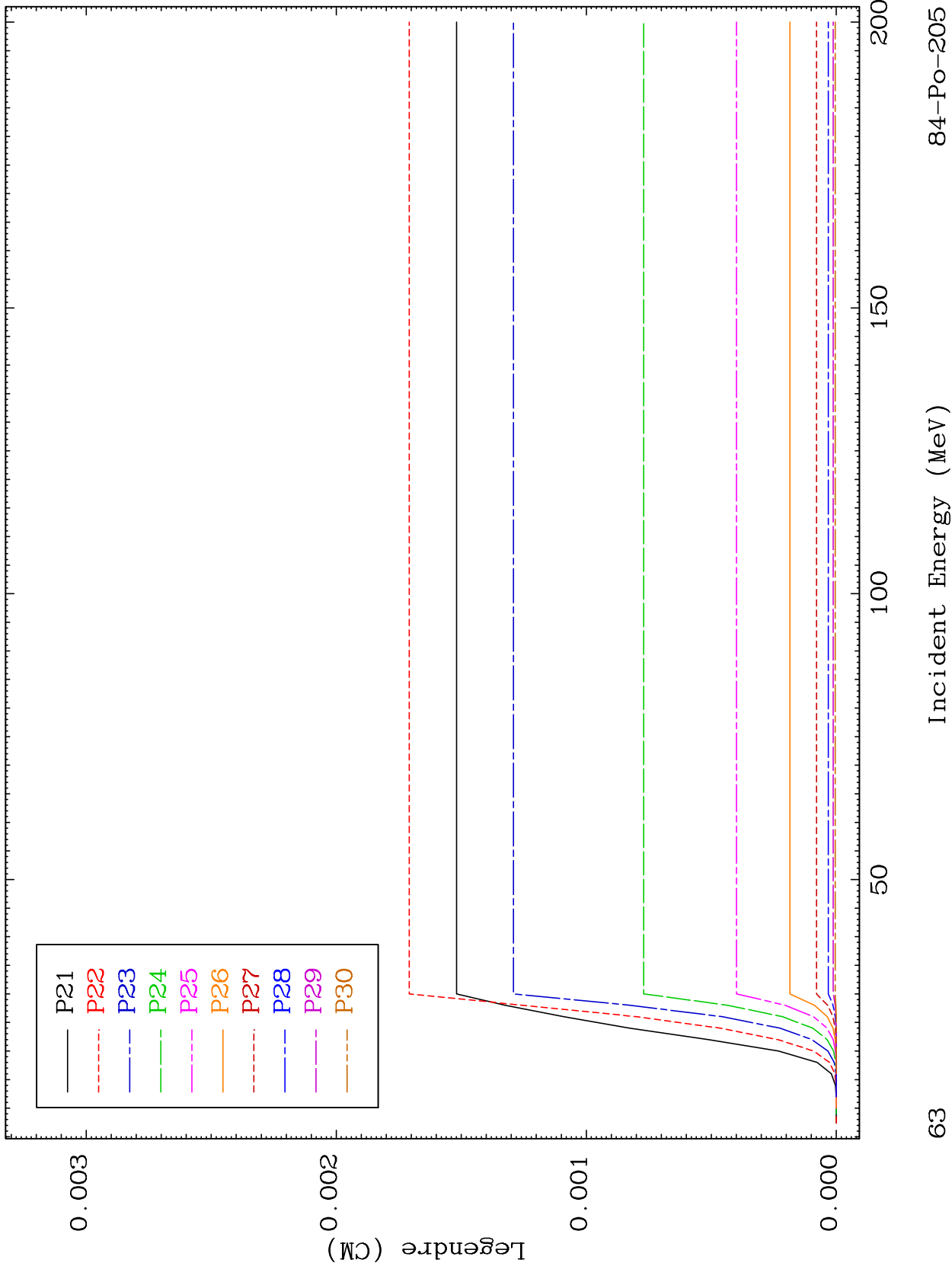
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



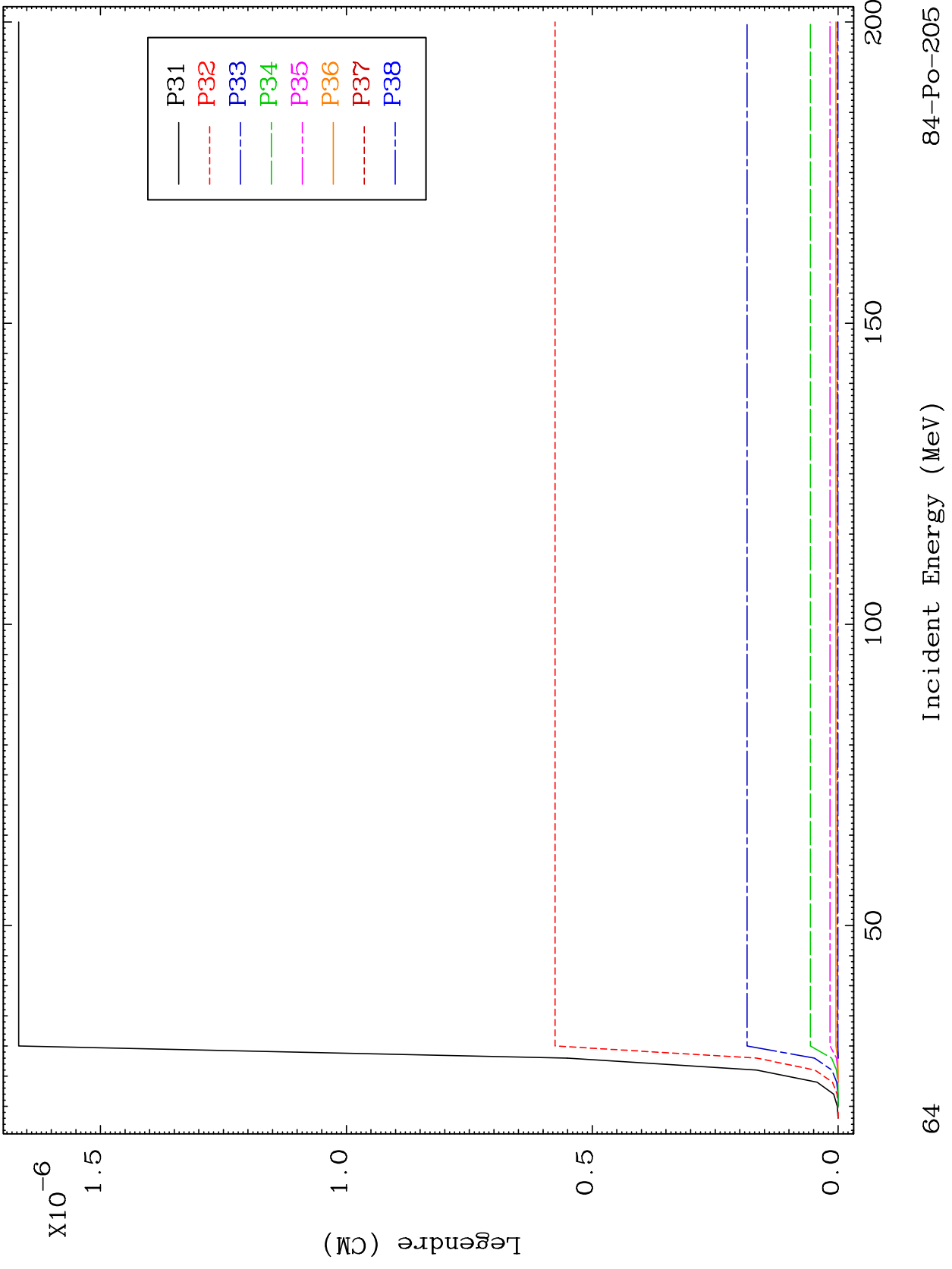
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84-Po-205

MAT 8422

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

84-Po-205



64

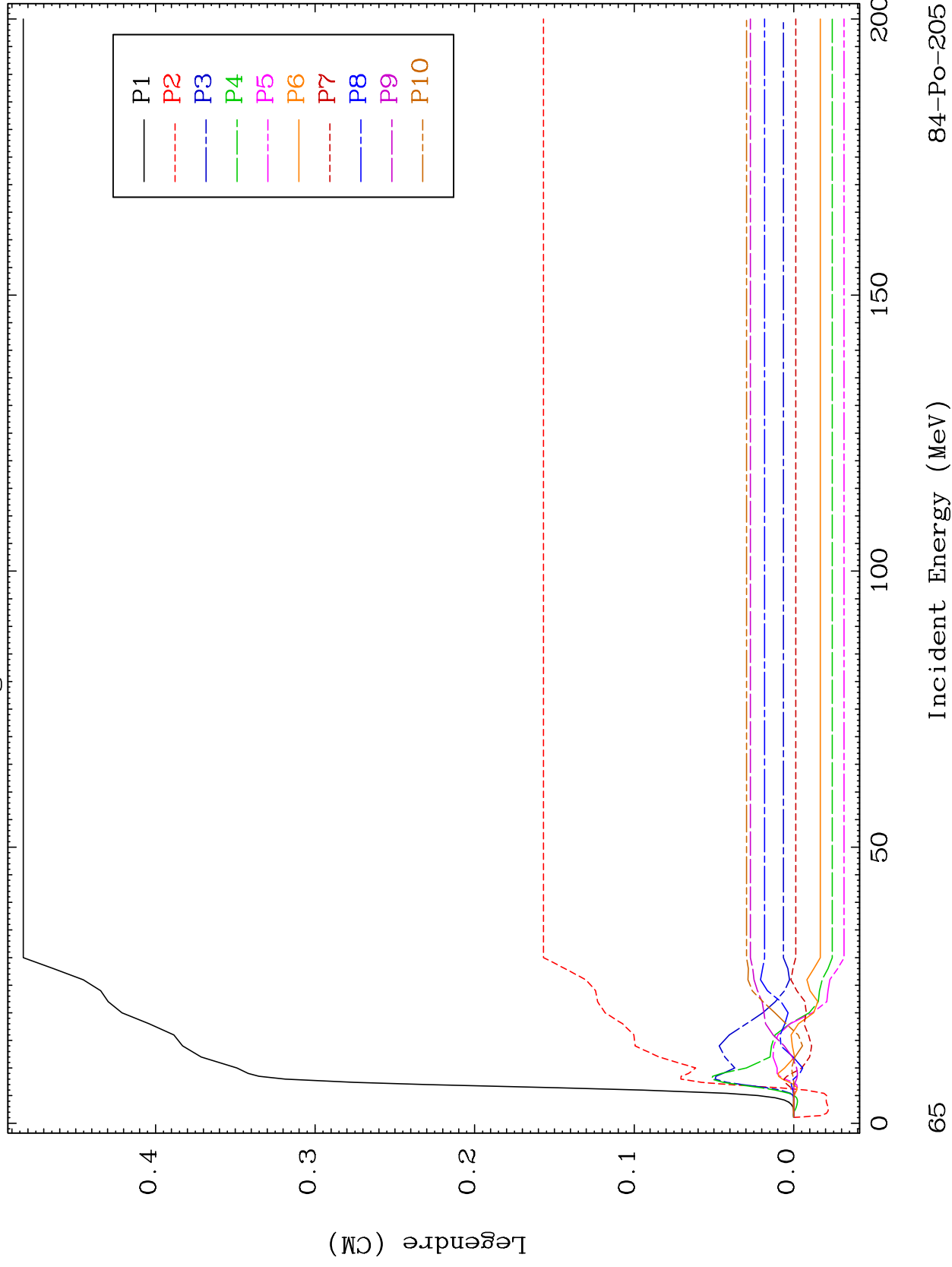
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



84-Po-205

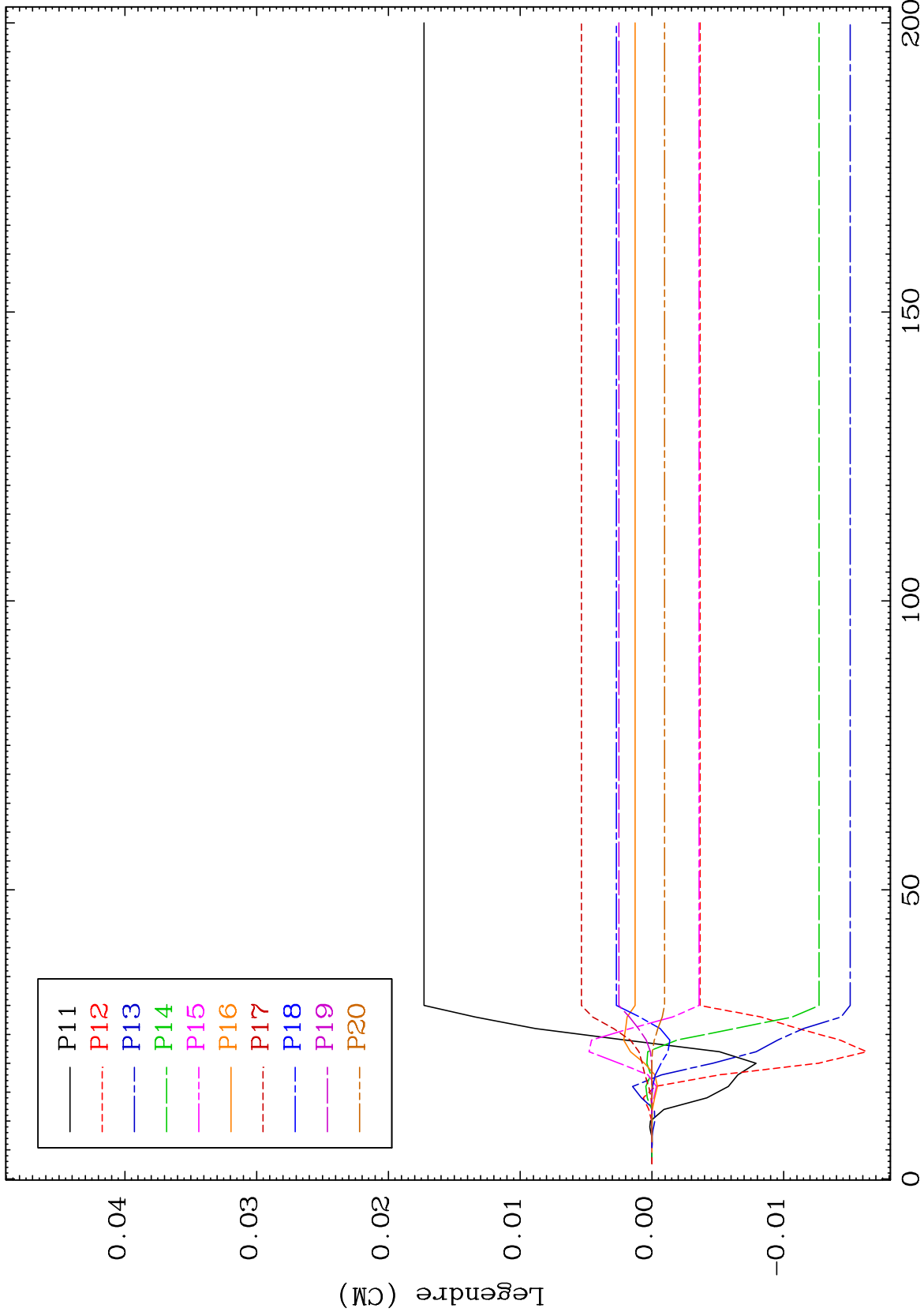
Incident Energy (MeV)

65

MAT 8422

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

84-Po-205



66

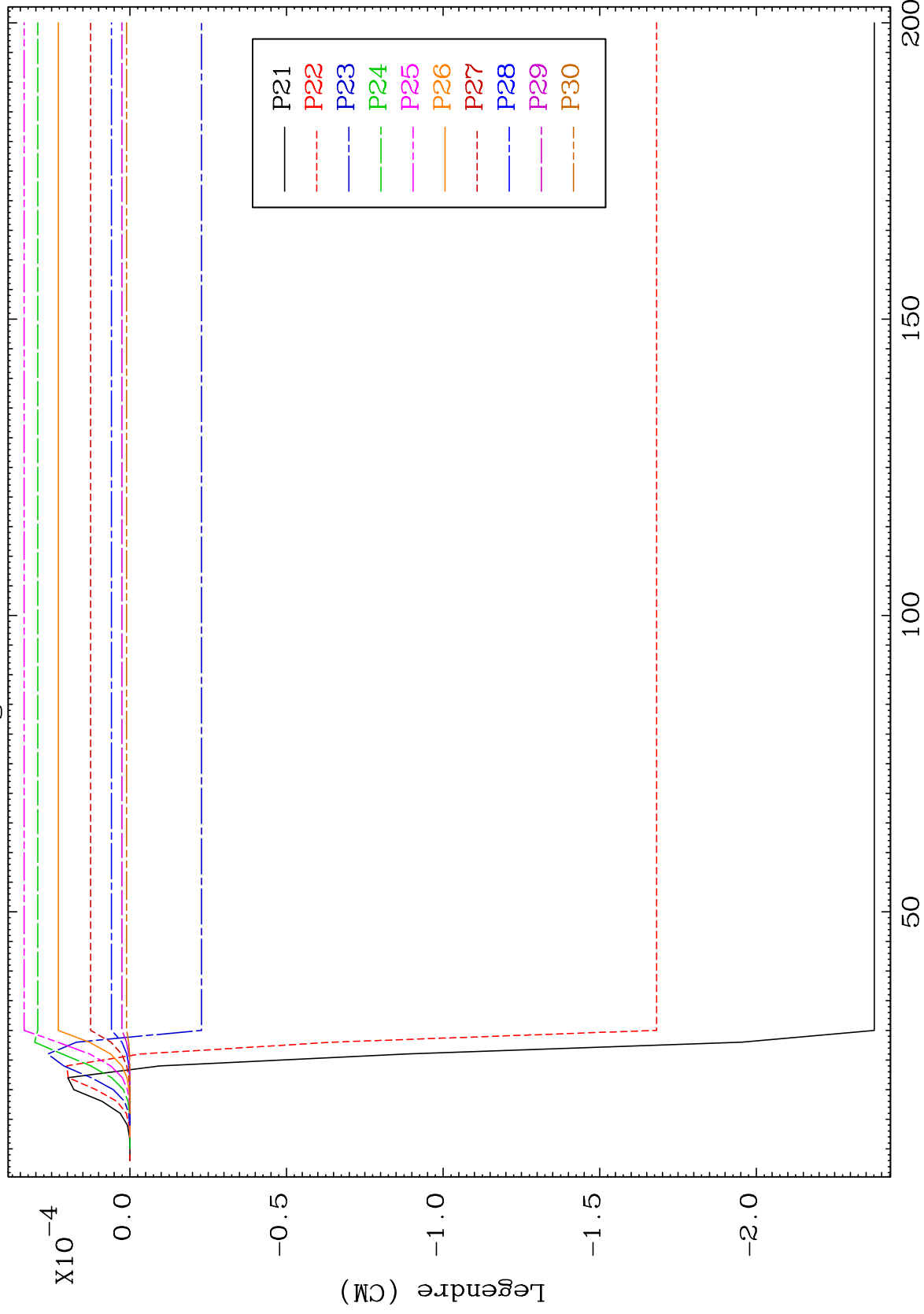
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



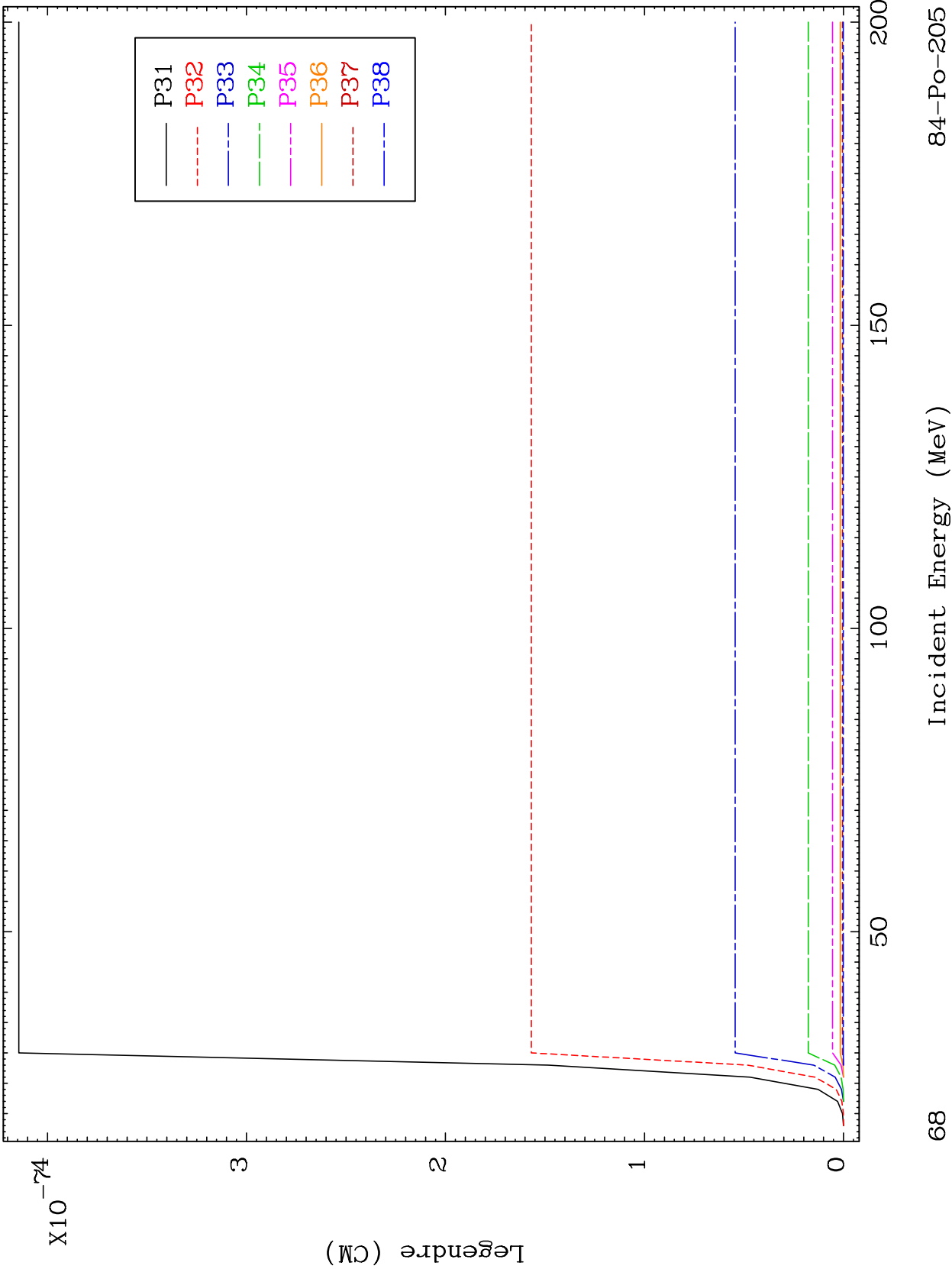
67

84-Po-205

MAT 8422

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

84-Po-205

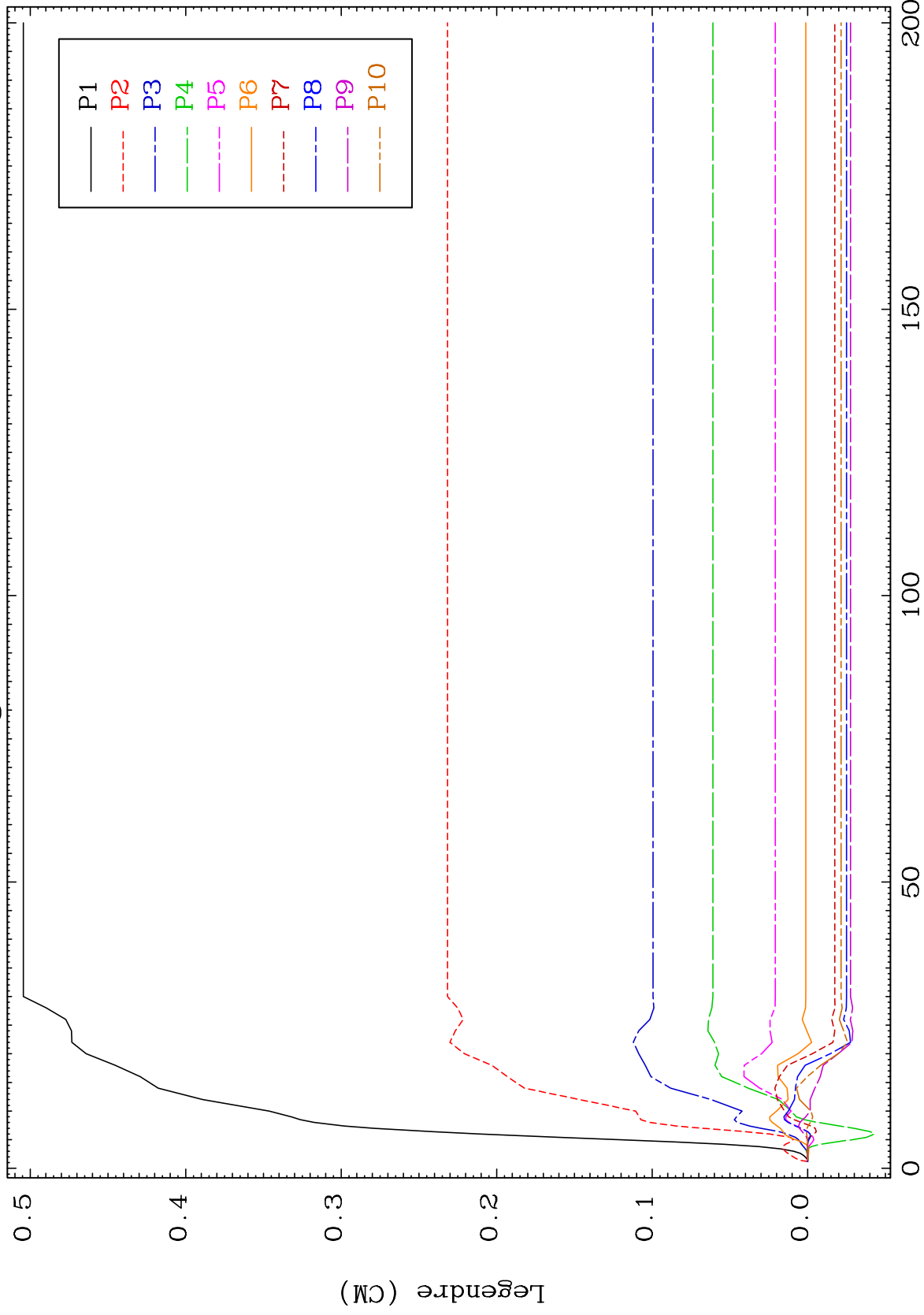


MAT 8422

MT= 63 (n,n') Level

84-Po-205

Legendre Coefficients



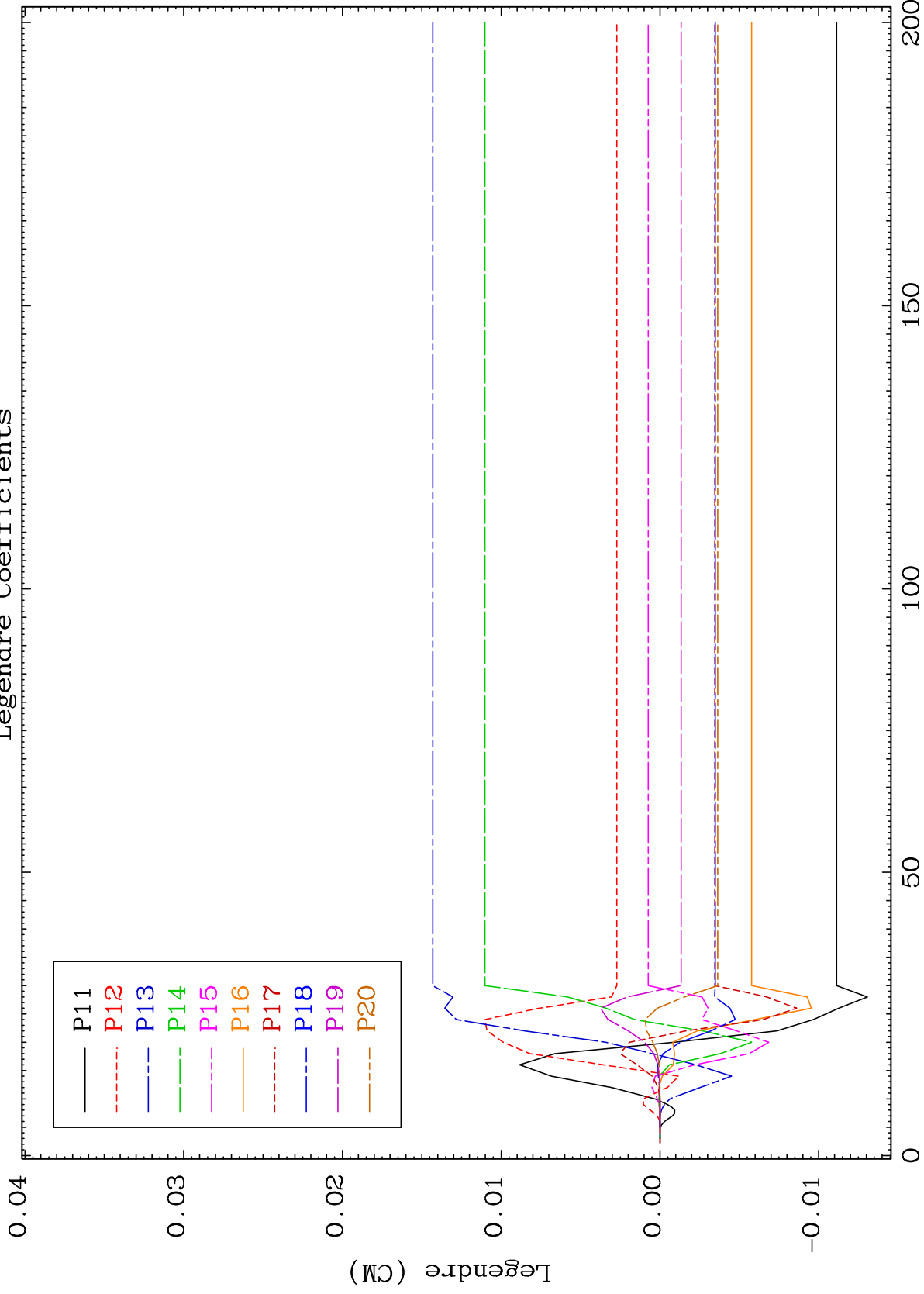
69

84-Po-205

MAT 8422

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

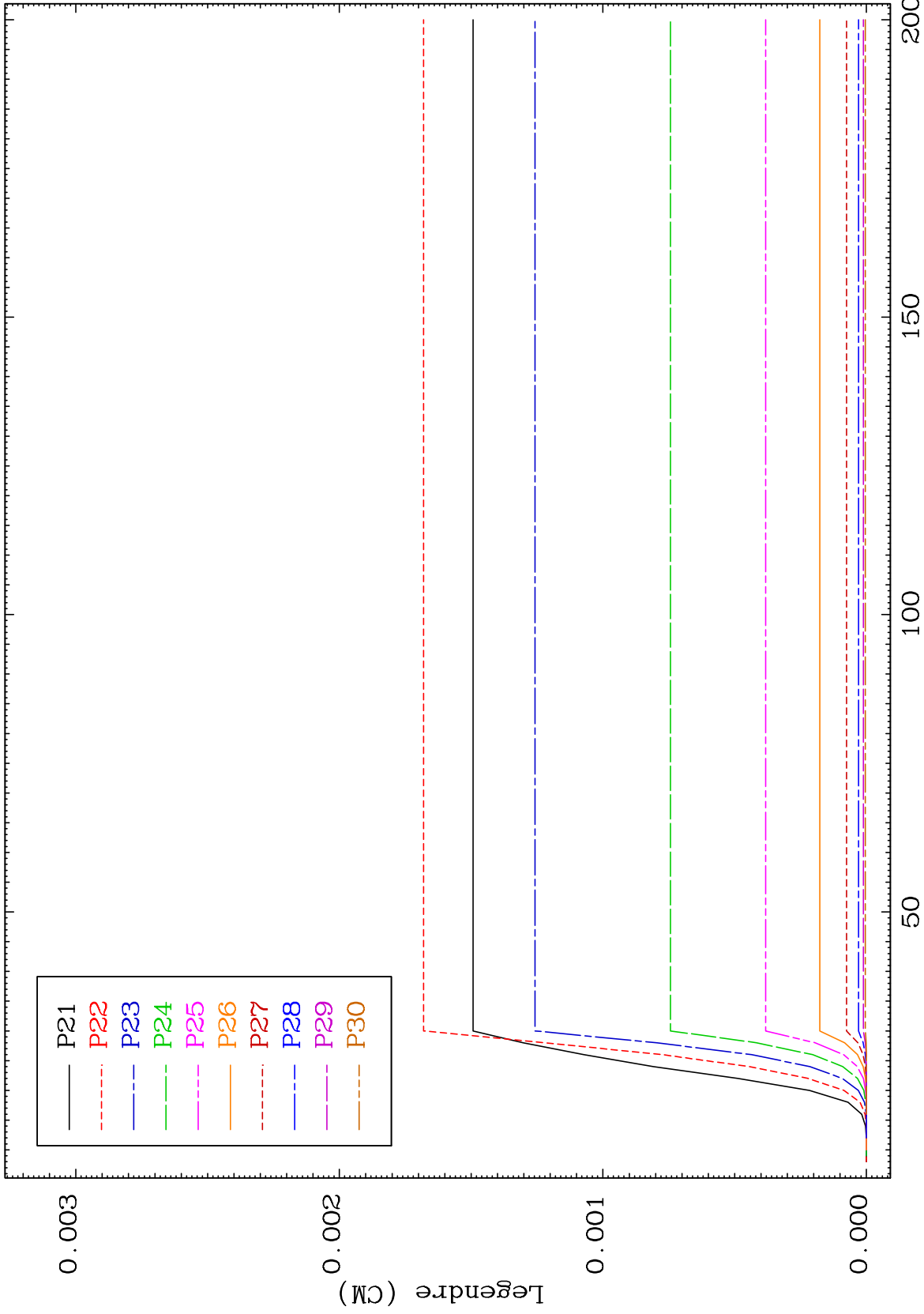
84-Po-205



70

Incident Energy (MeV)

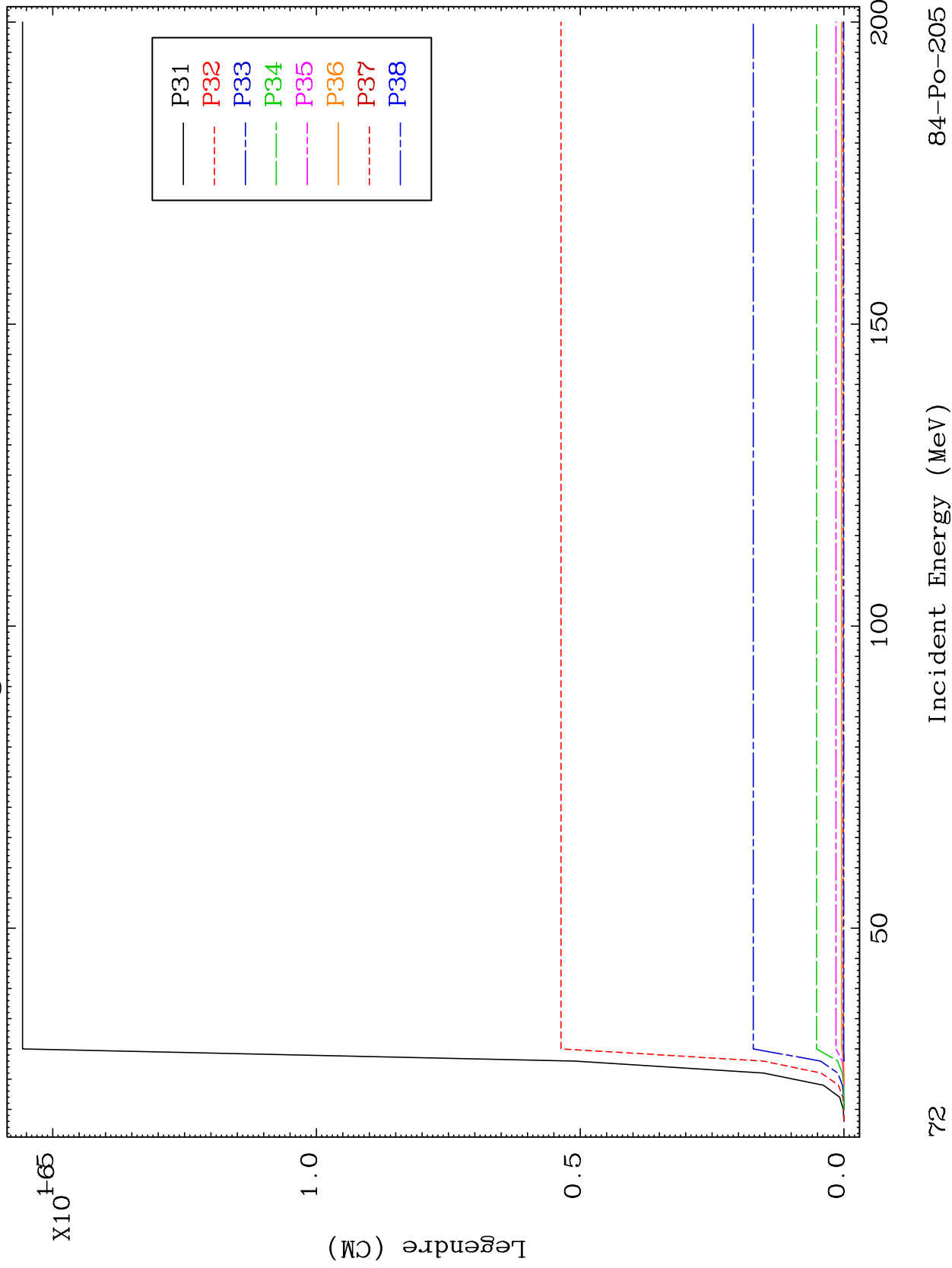
84-Po-205



MAT 8422

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

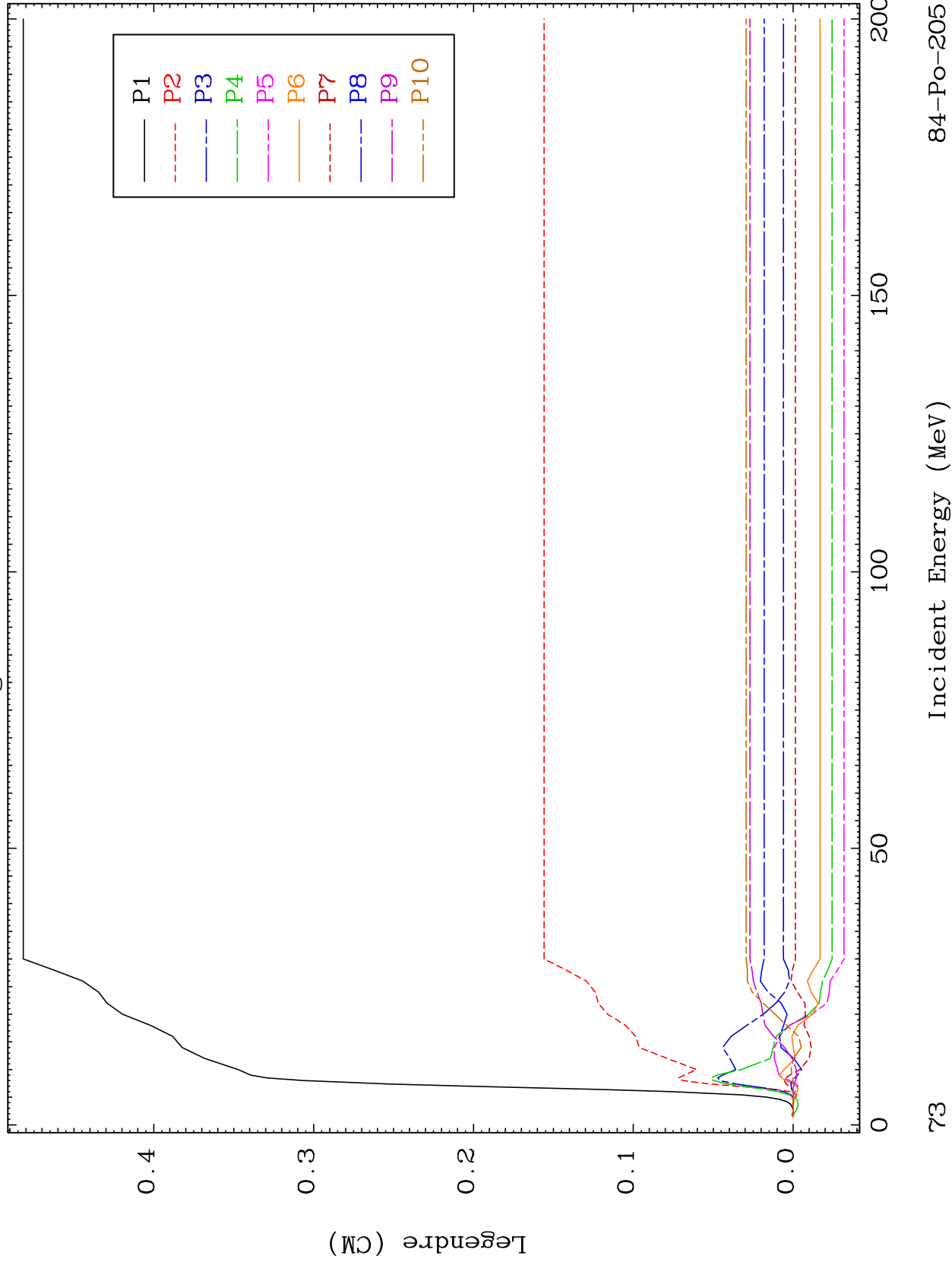
84-Po-205



MAT 8422

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

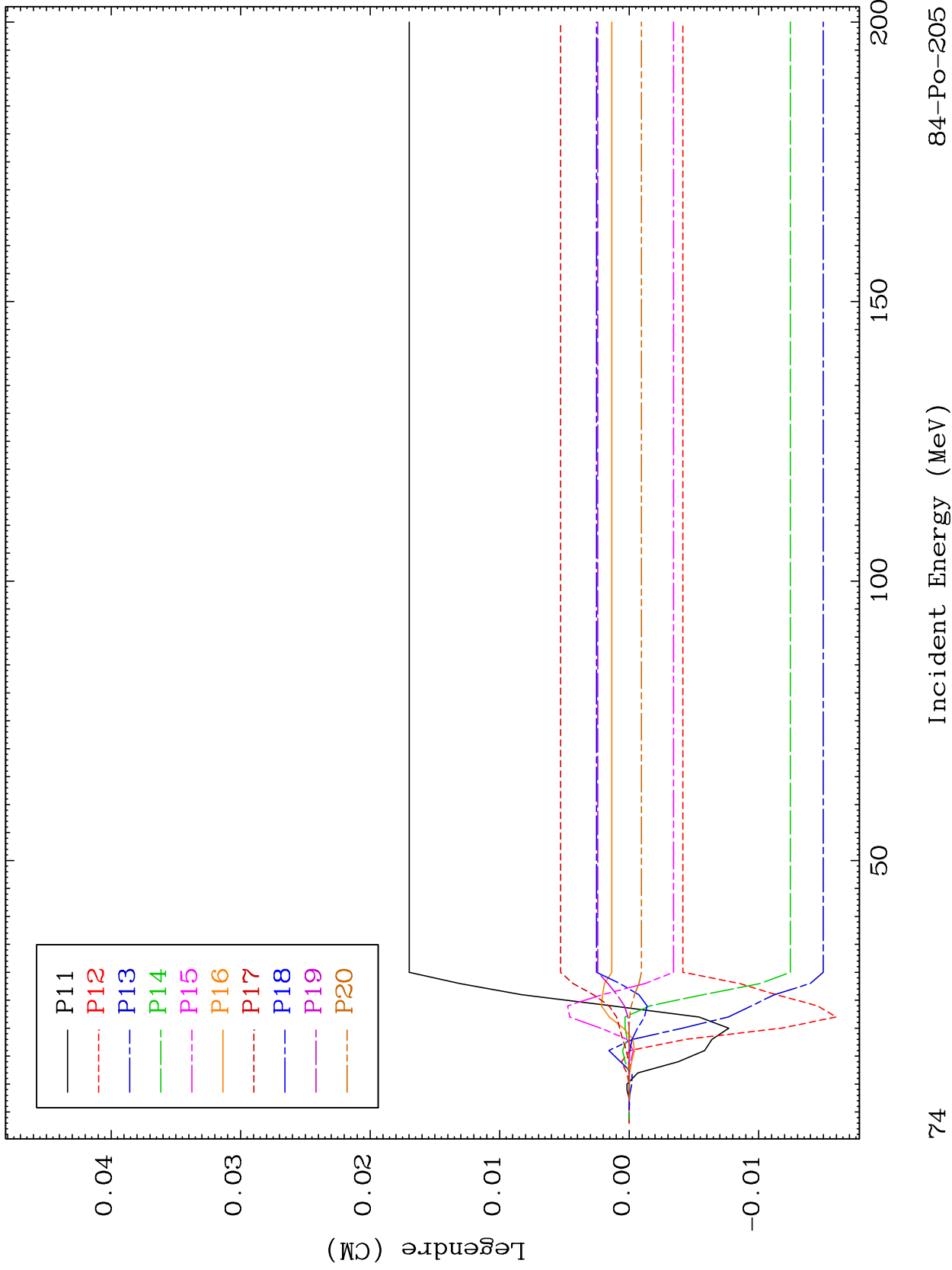
84-Po-205



73

Incident Energy (MeV)

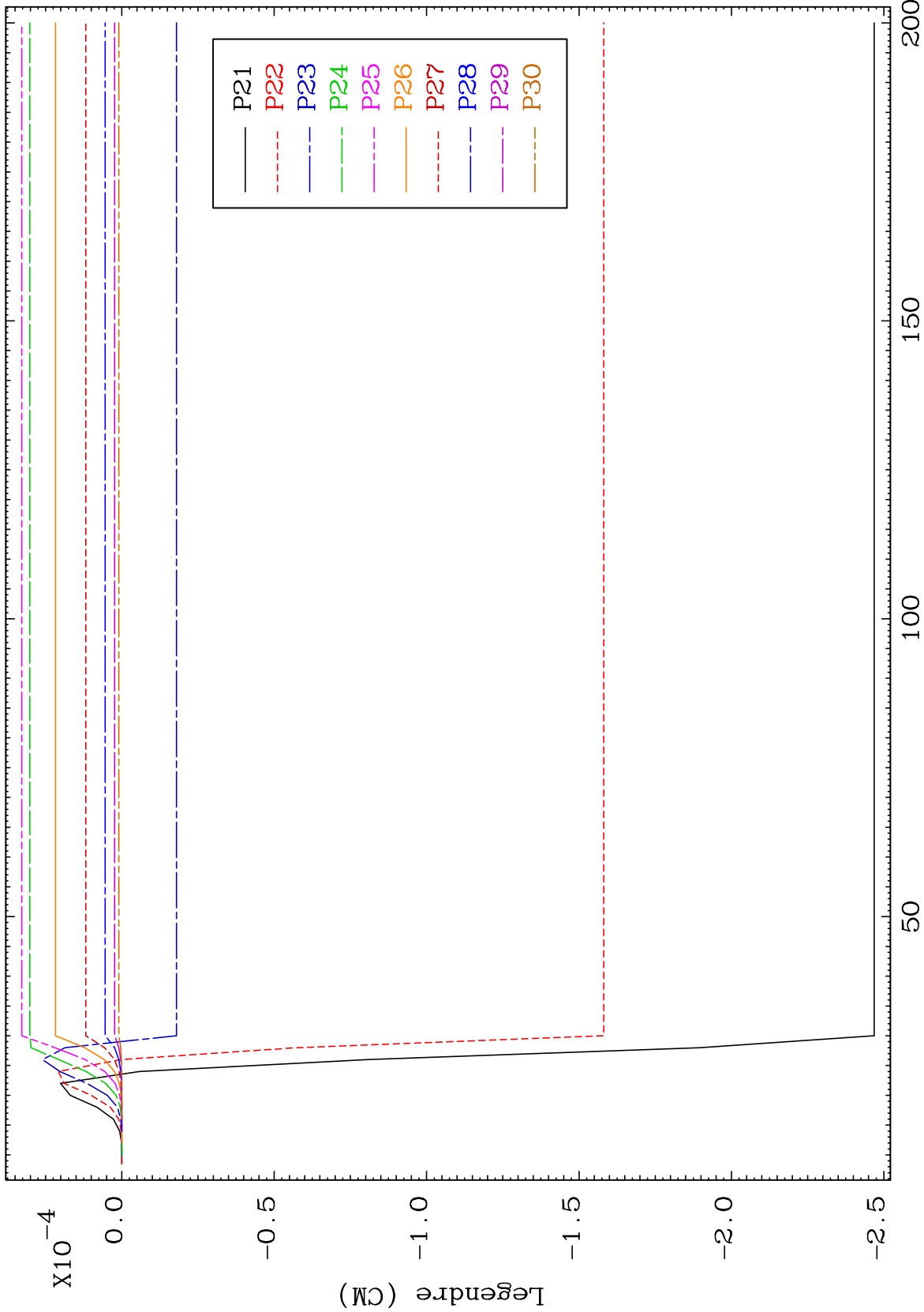
84-Po-205



MAT 8422

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

84-Po-205



75

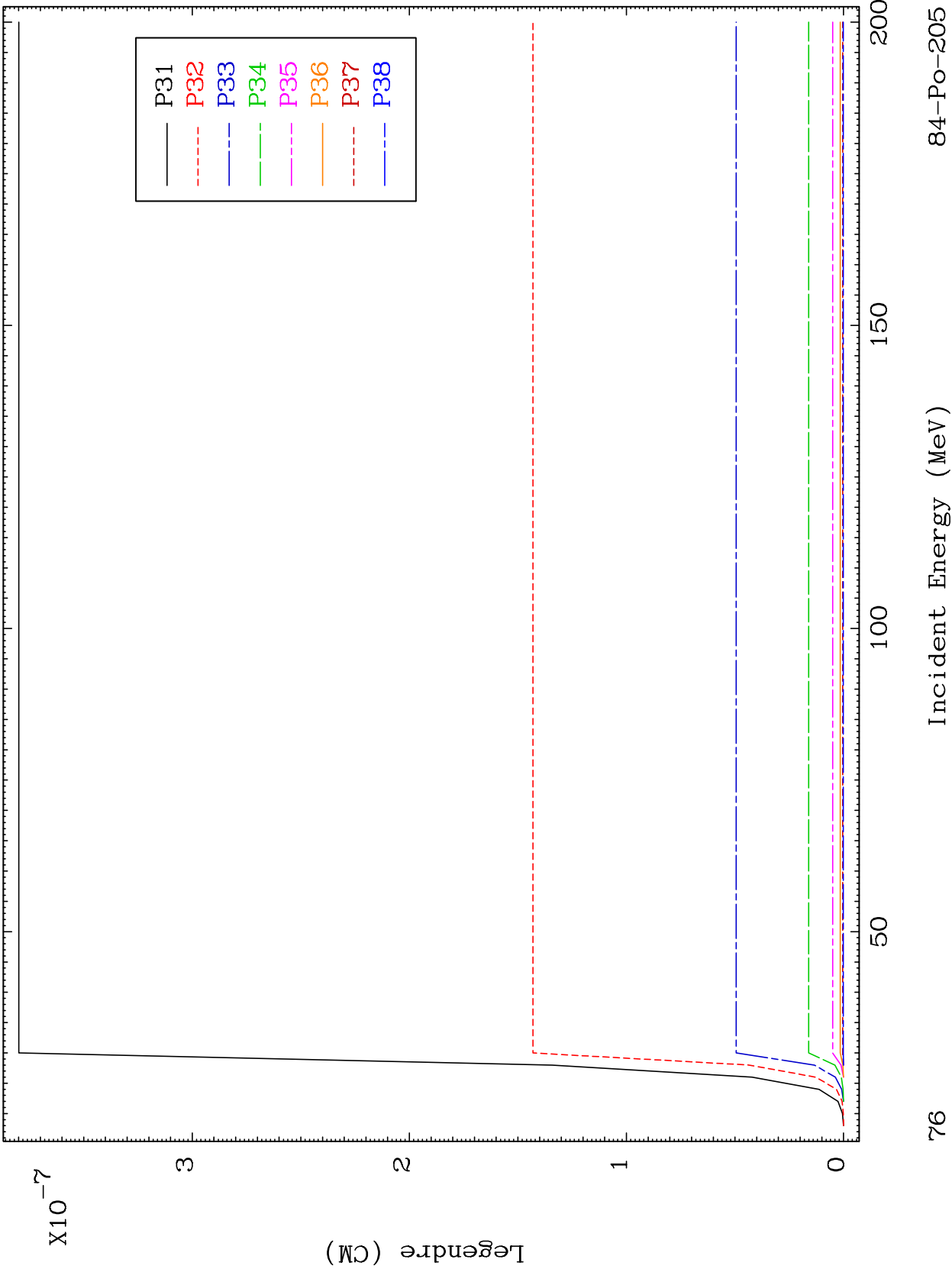
Incident Energy (MeV)

84-Po-205

MAT 8422

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

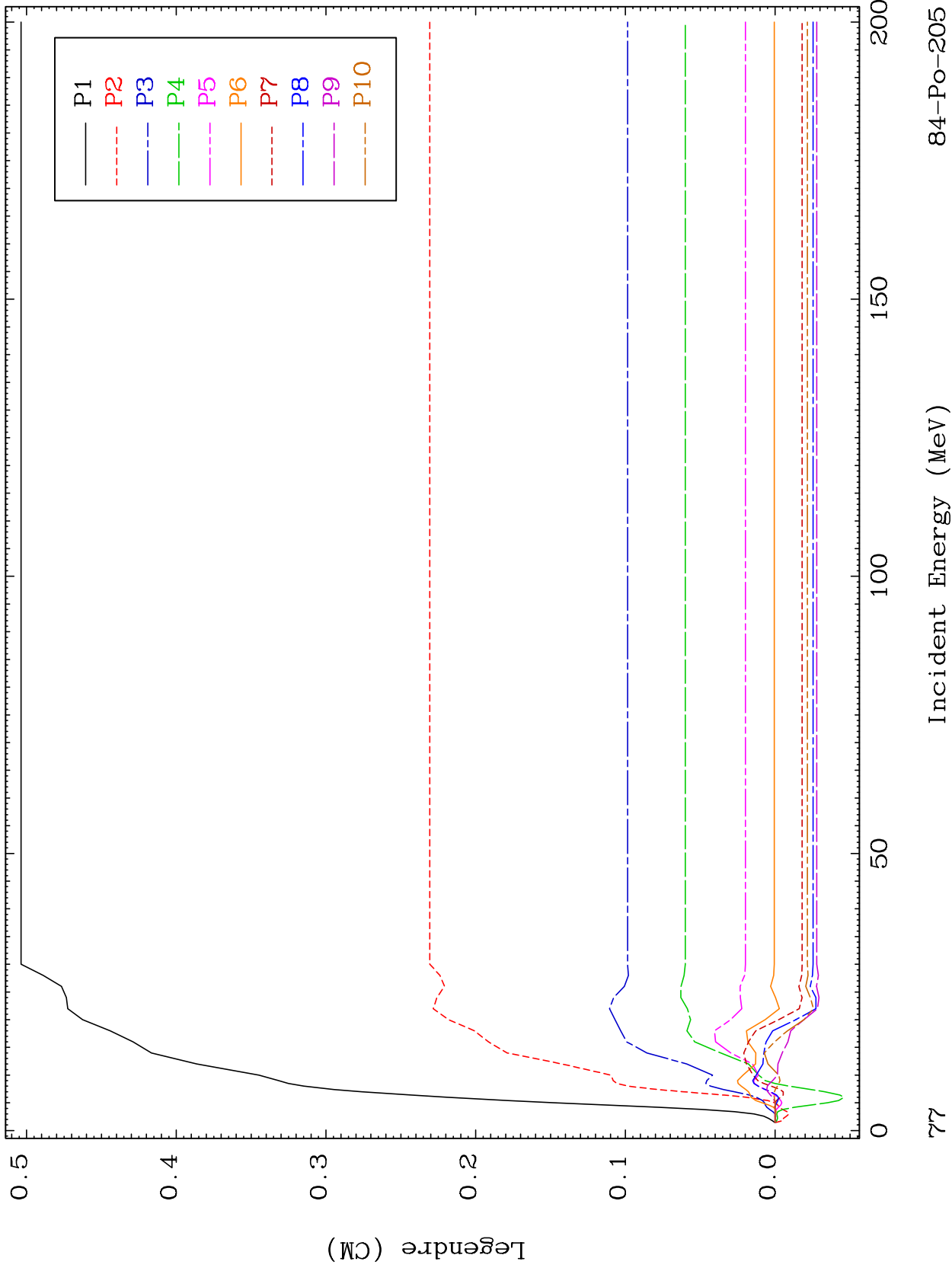
84-Po-205



MAT 8422

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

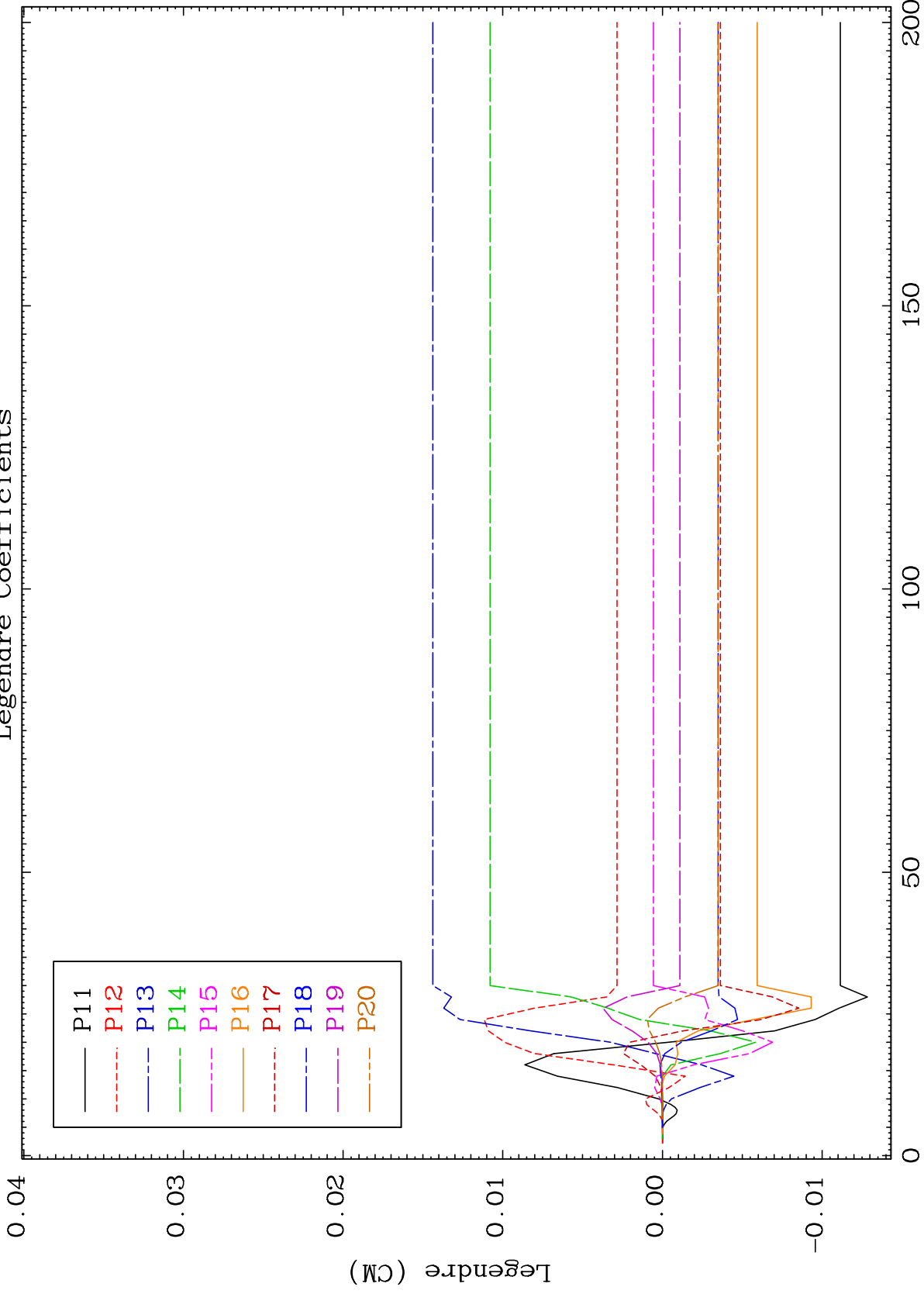
84-Po-205



MAT 8422

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

84-Po-205



78

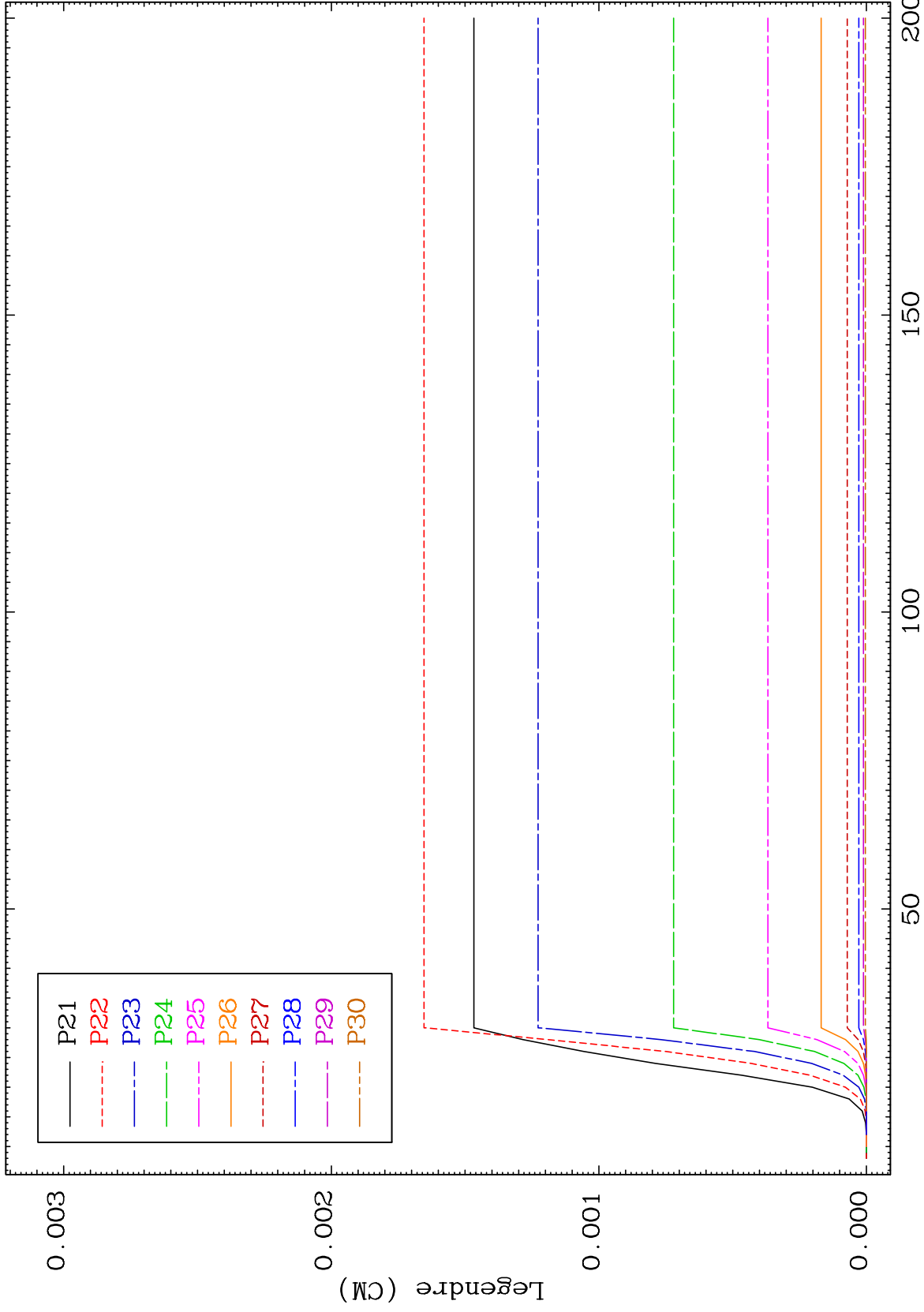
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



79

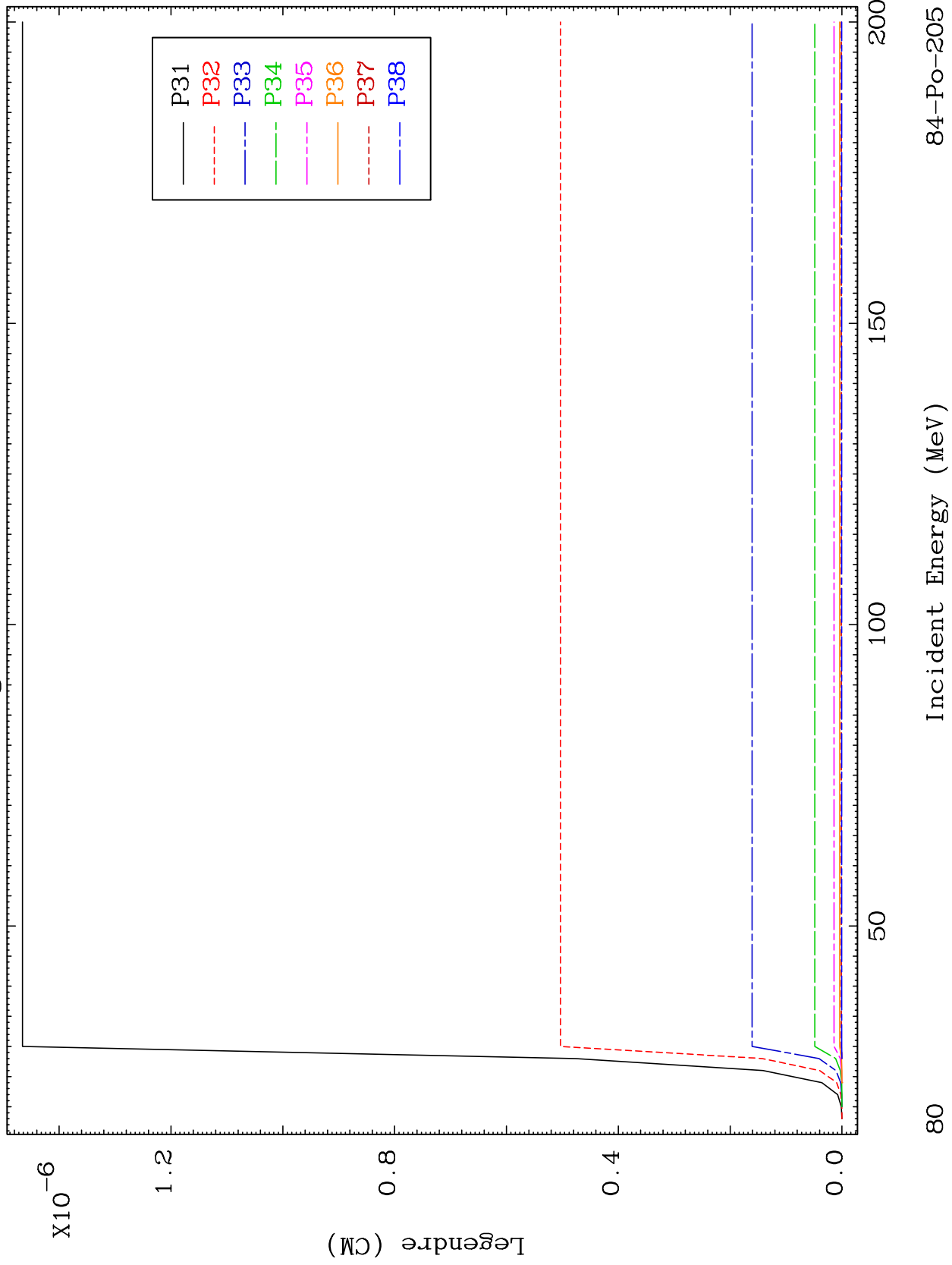
Incident Energy (MeV)

84-Po-205

MAT 8422

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

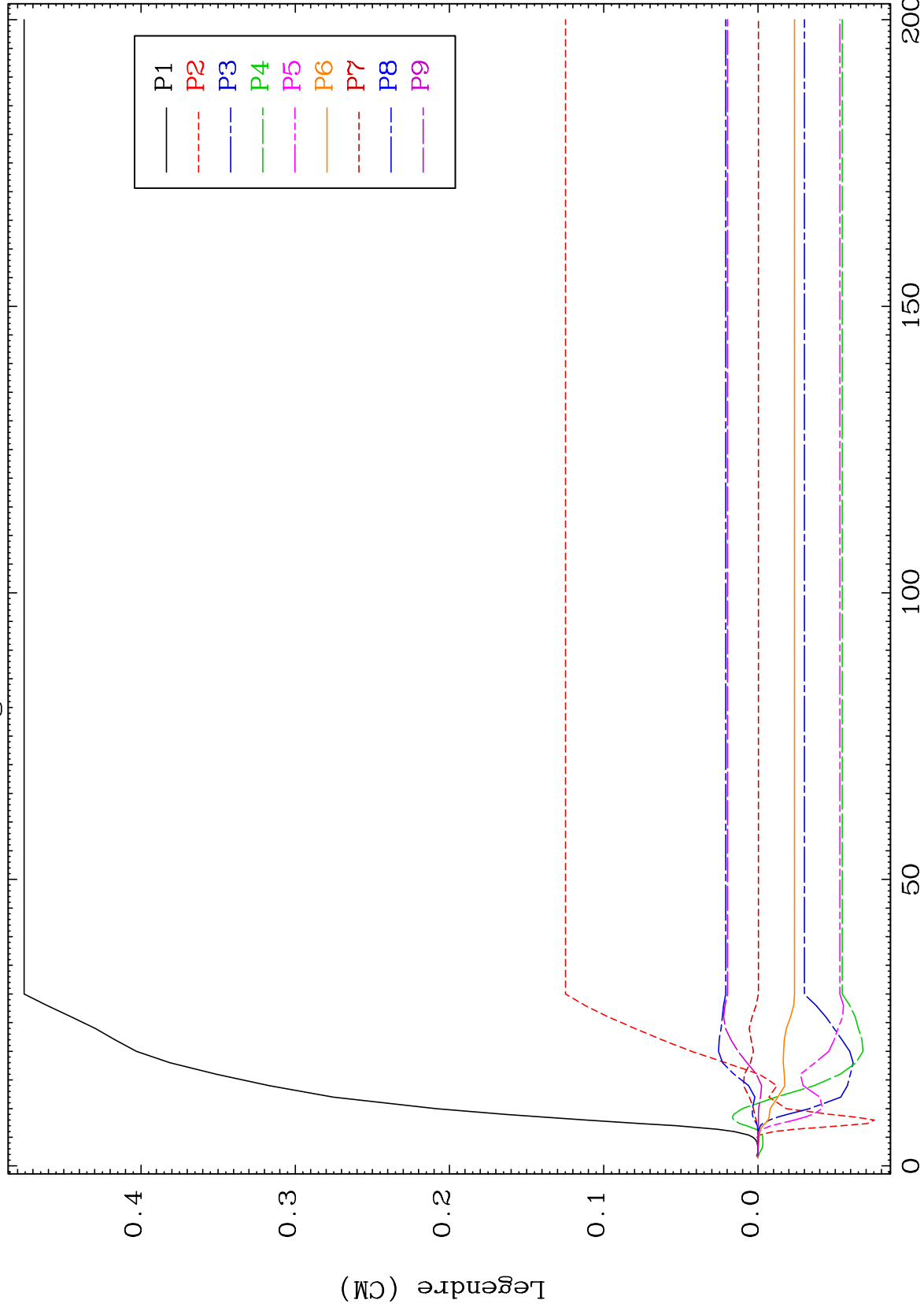
84-Po-205



MAT 8422

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

84-Po-205



81

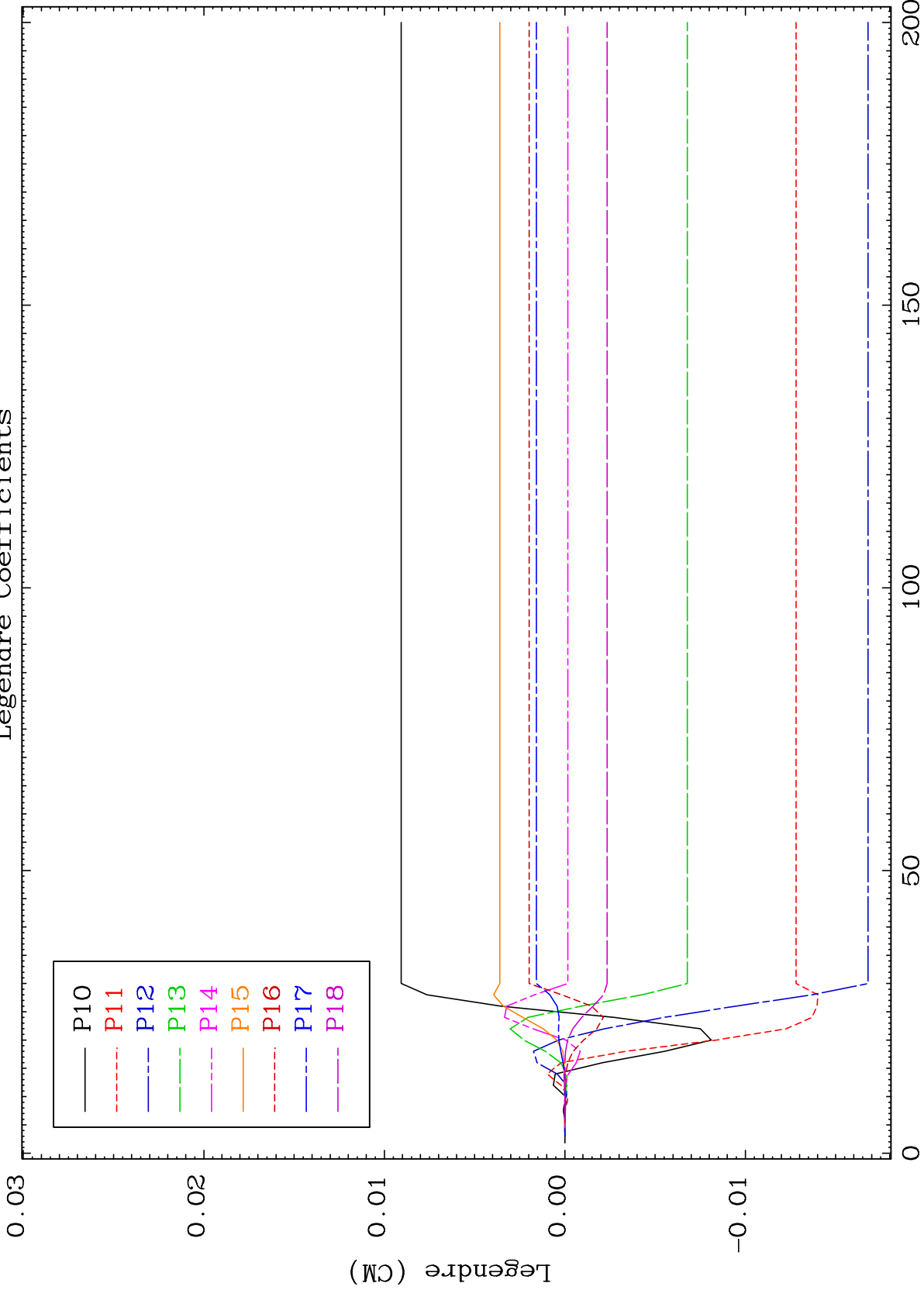
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



82

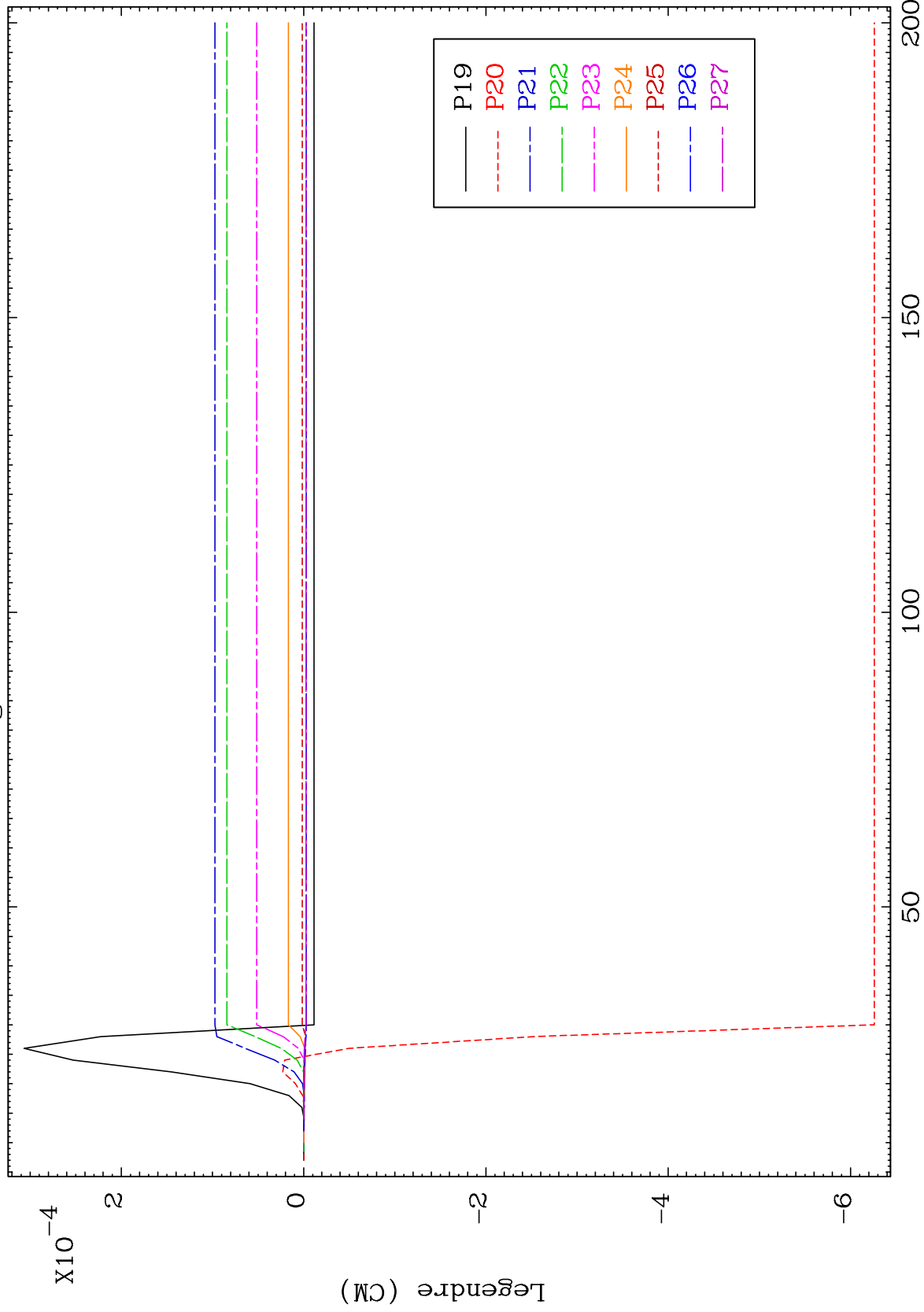
Incident Energy (MeV)

84-Po-205

MAT 8422

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

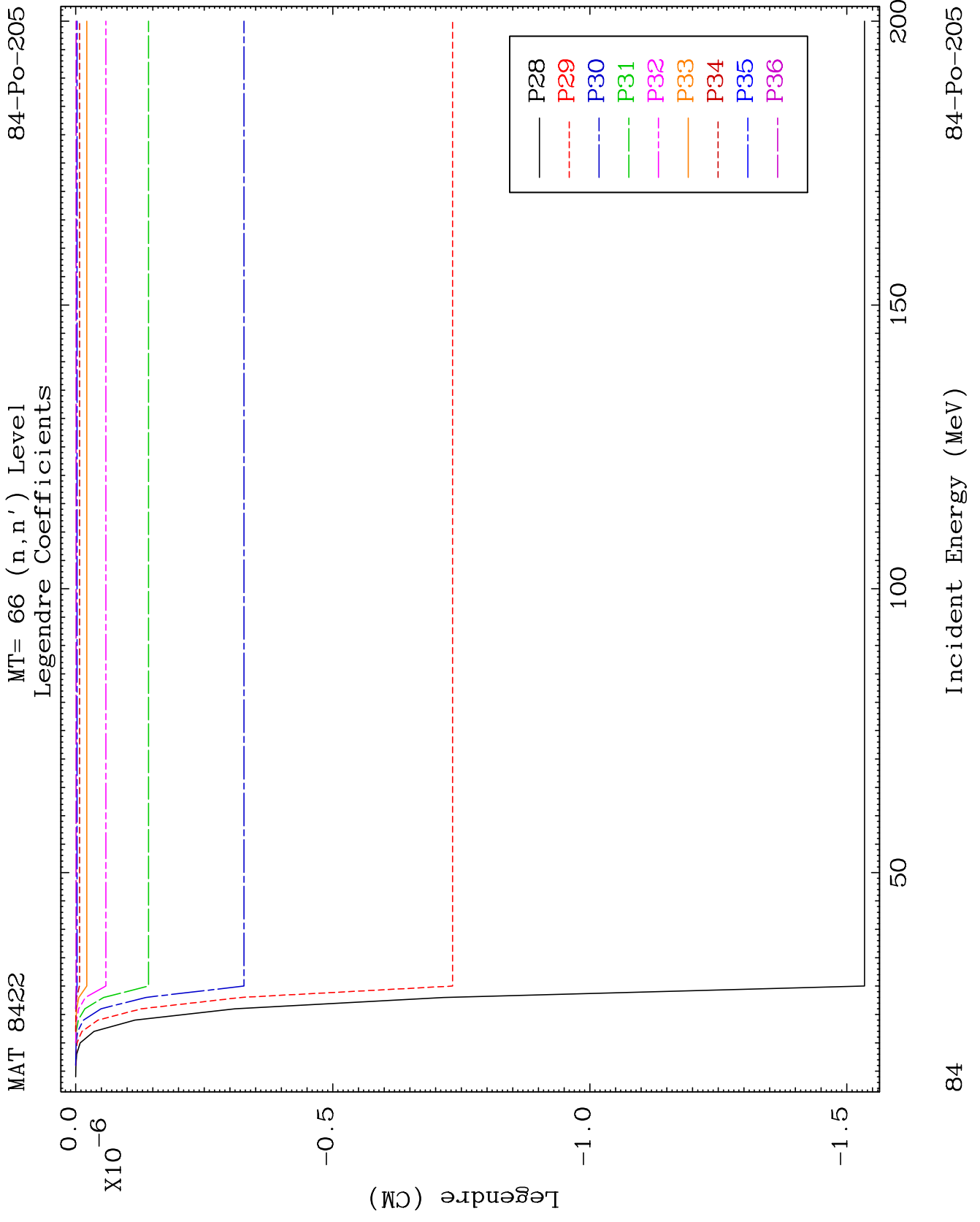
84-Po-205



83

Incident Energy (MeV)

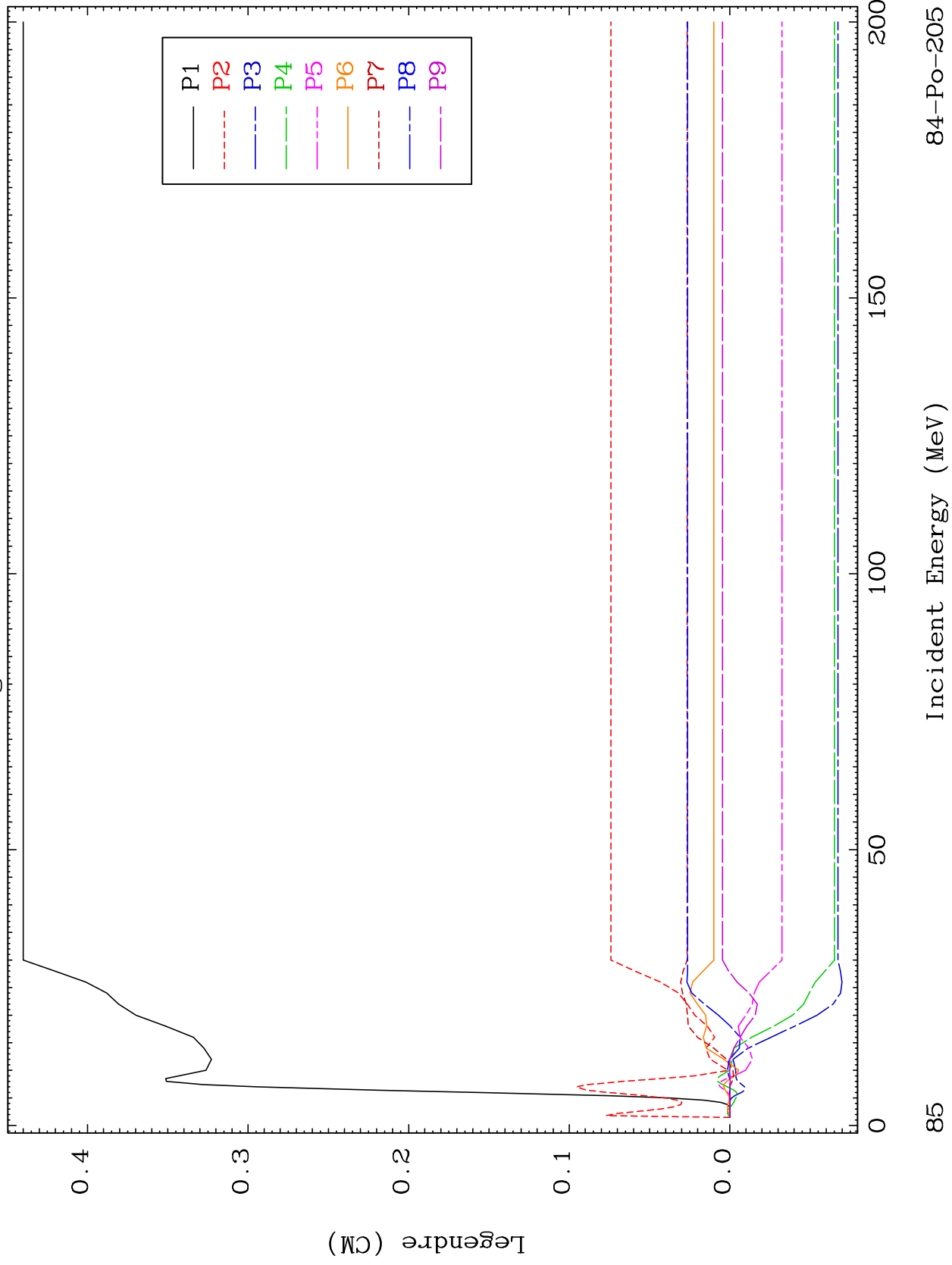
84-Po-205



MAT 8422

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

84-Po-205



84-Po-205

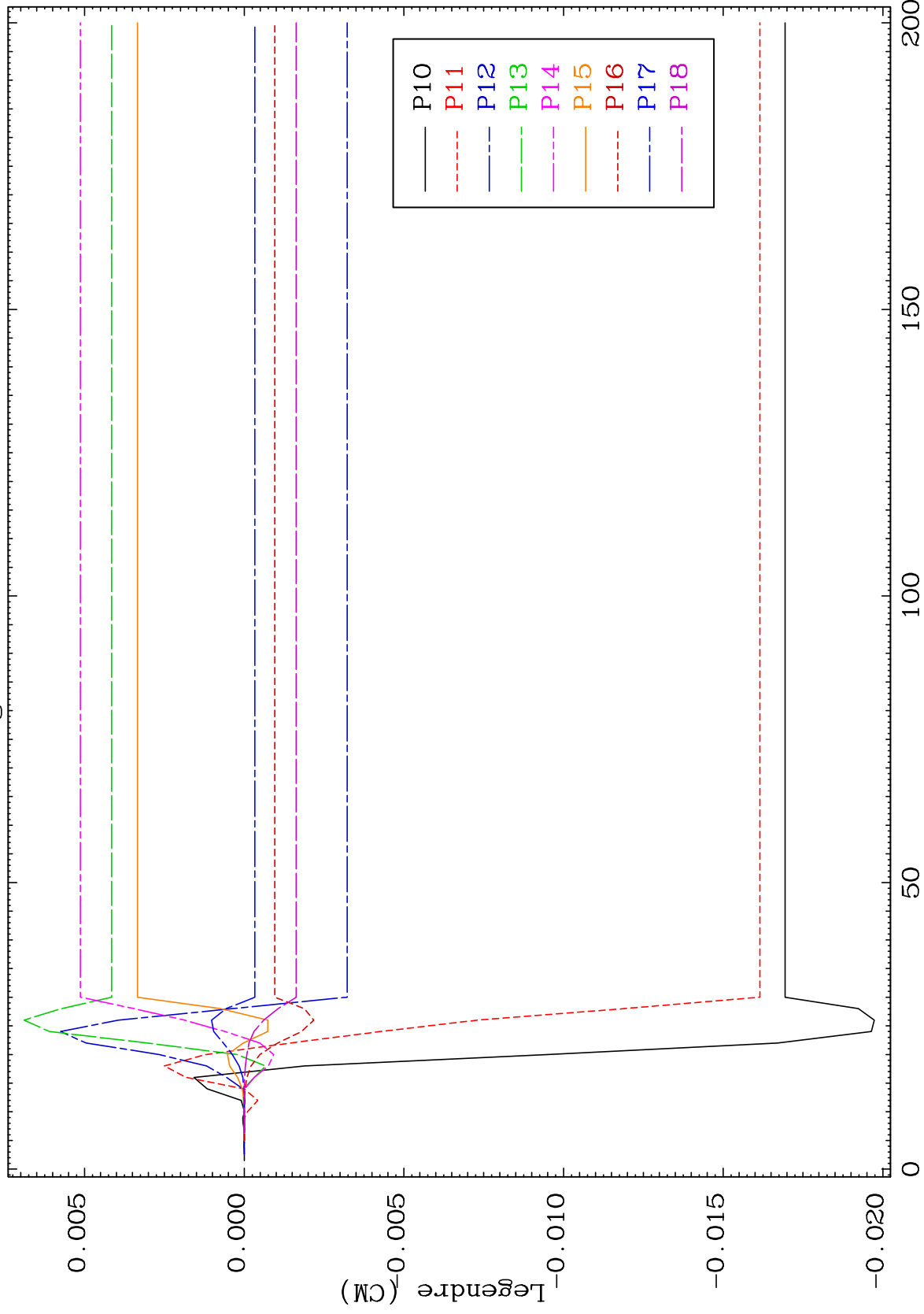
Incident Energy (MeV)

85

MAT 8422

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

84-Po-205



86

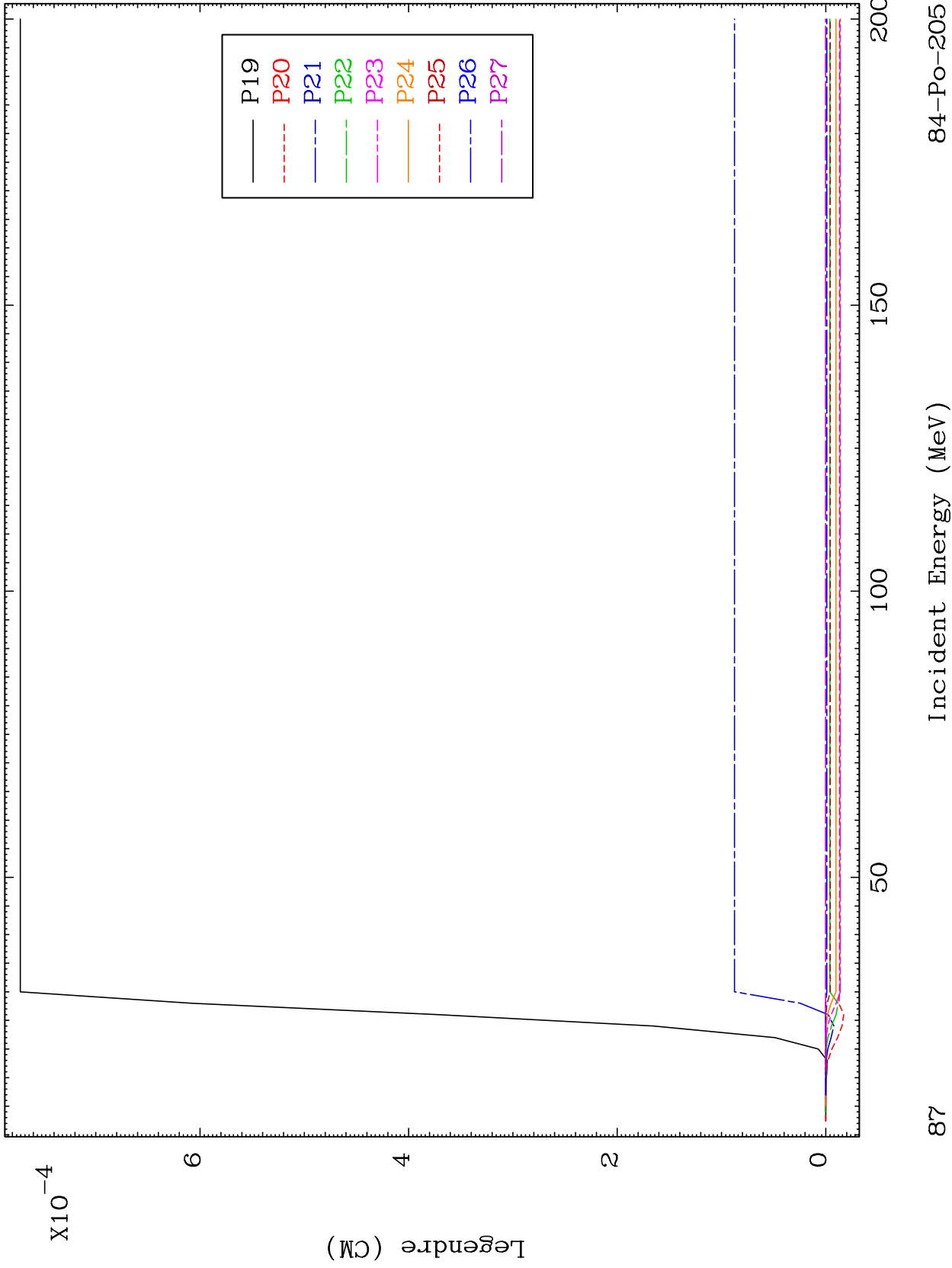
Incident Energy (MeV)

84-Po-205

MAT 8422

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

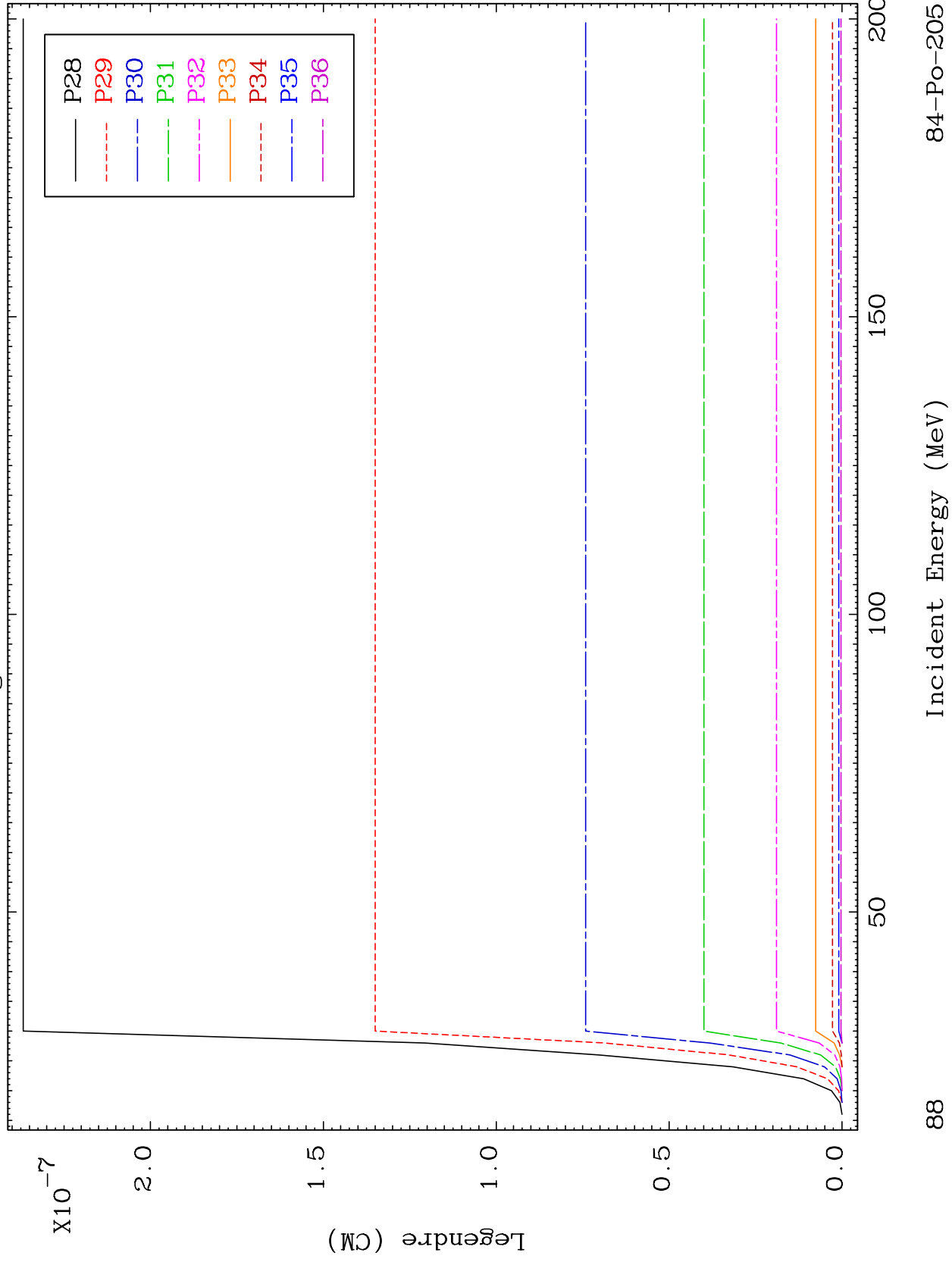
84-Po-205

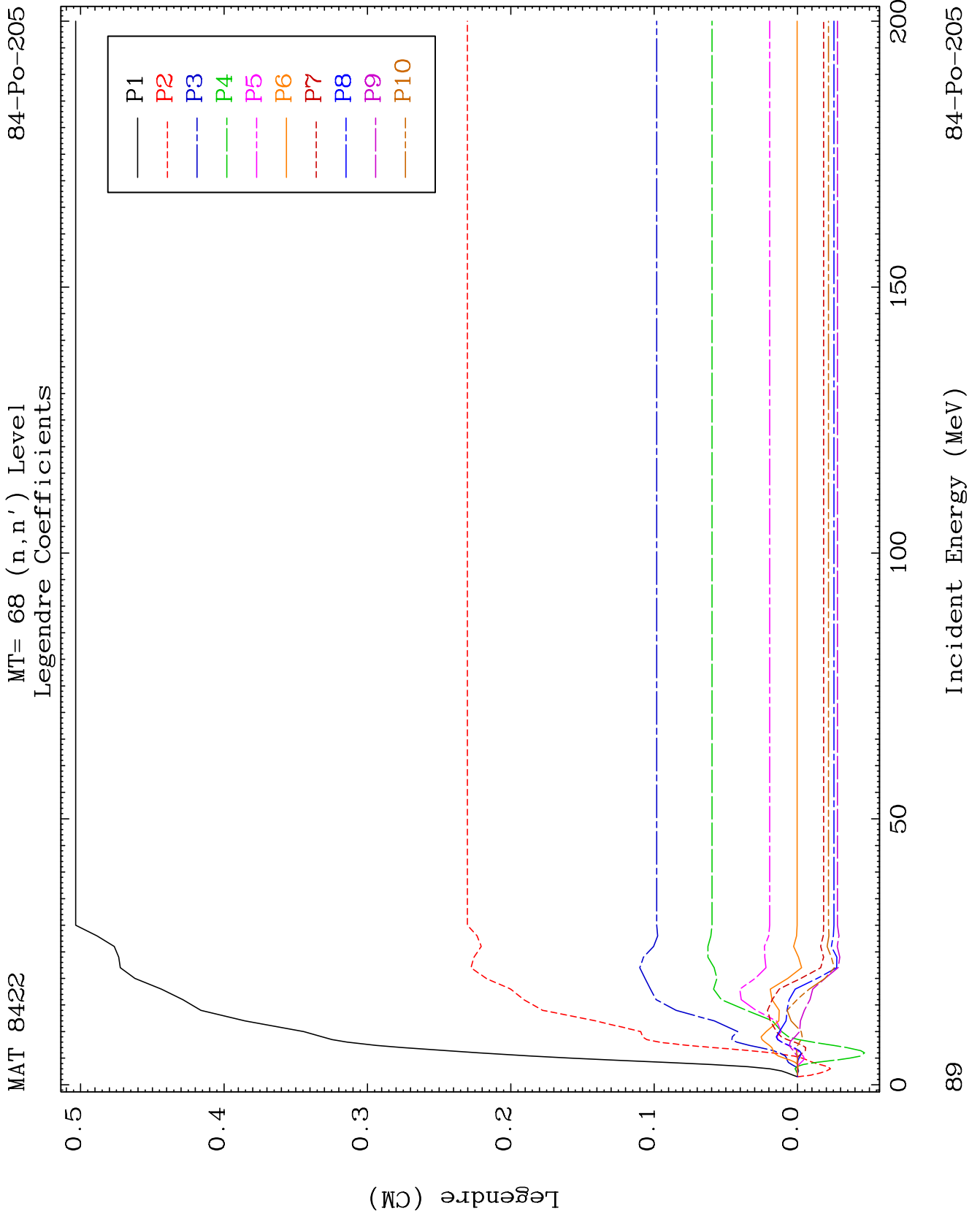


MAT 8422

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

84-Po-205

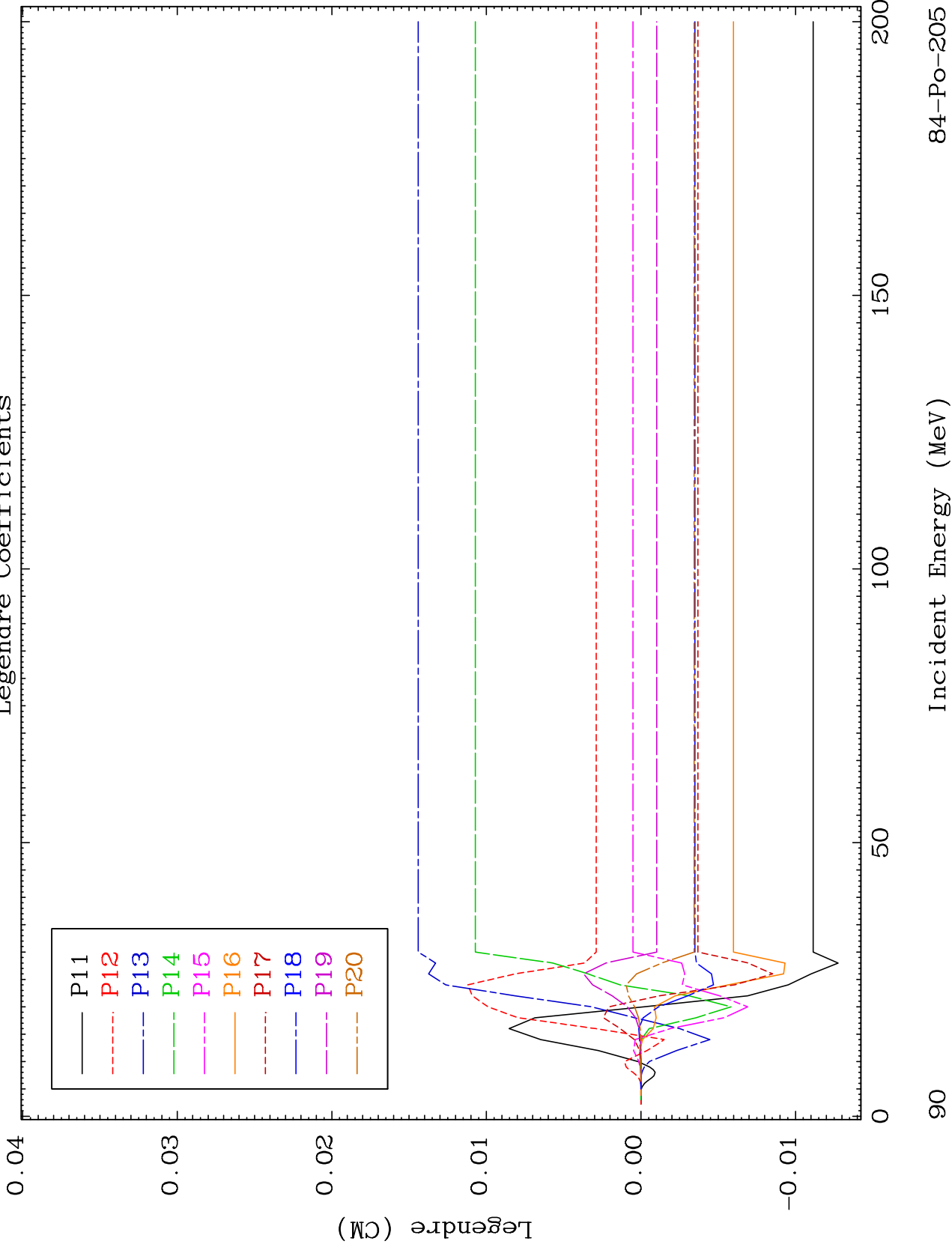




MAT 8422

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

84-Po-205



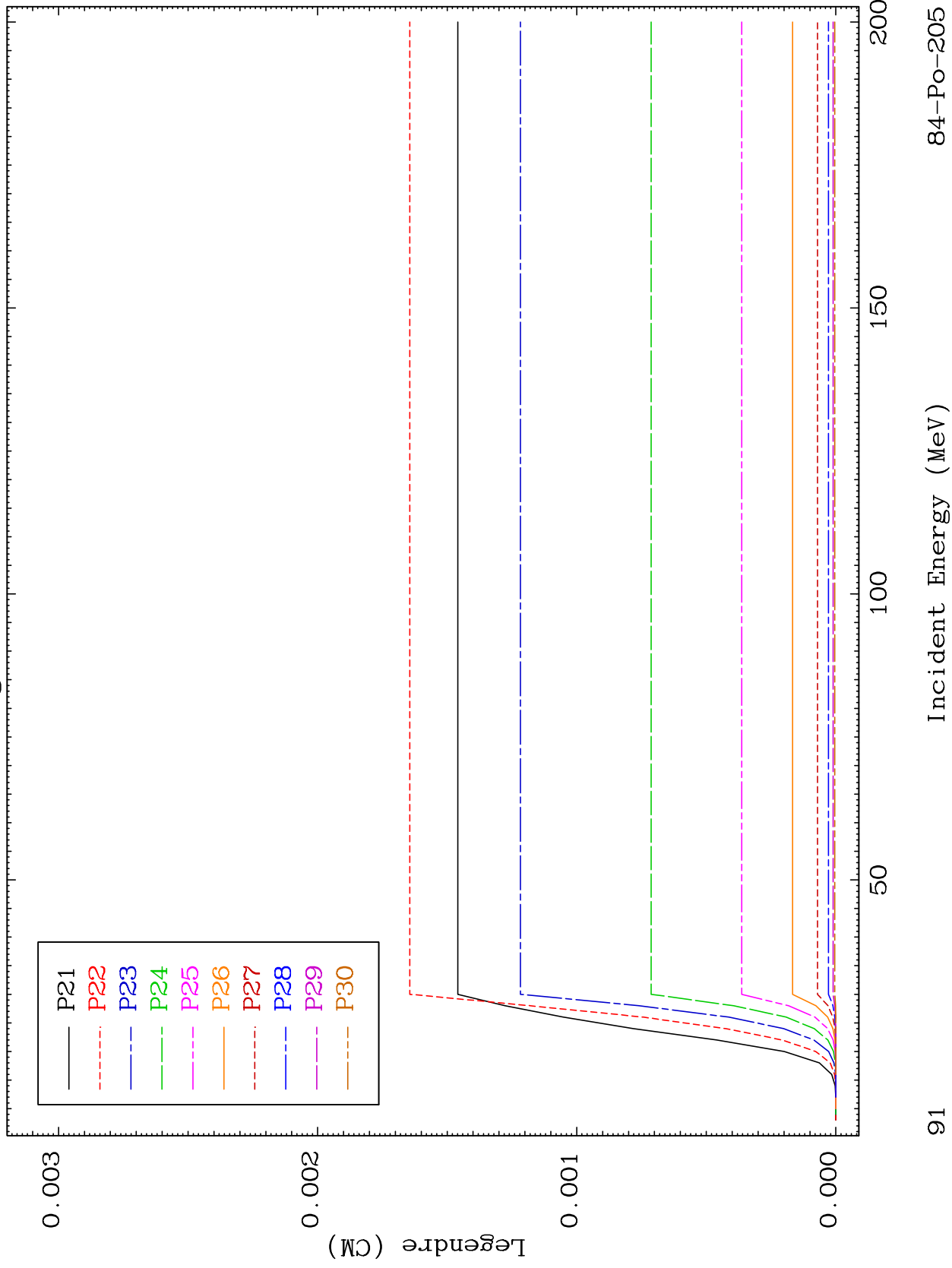
84-Po-205

Incident Energy (MeV)

MAT 8422

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

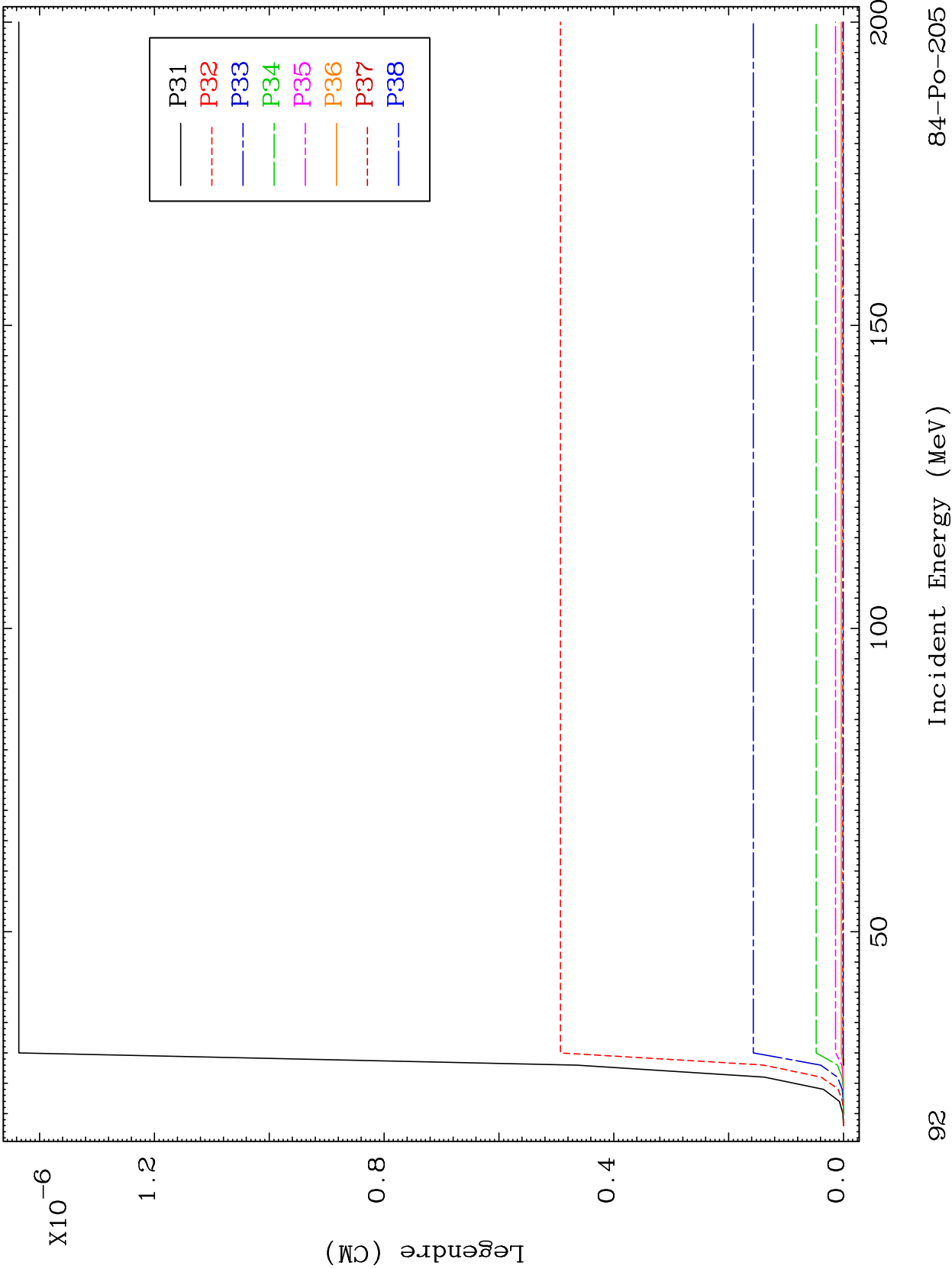
84-Po-205



MAT 8422

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

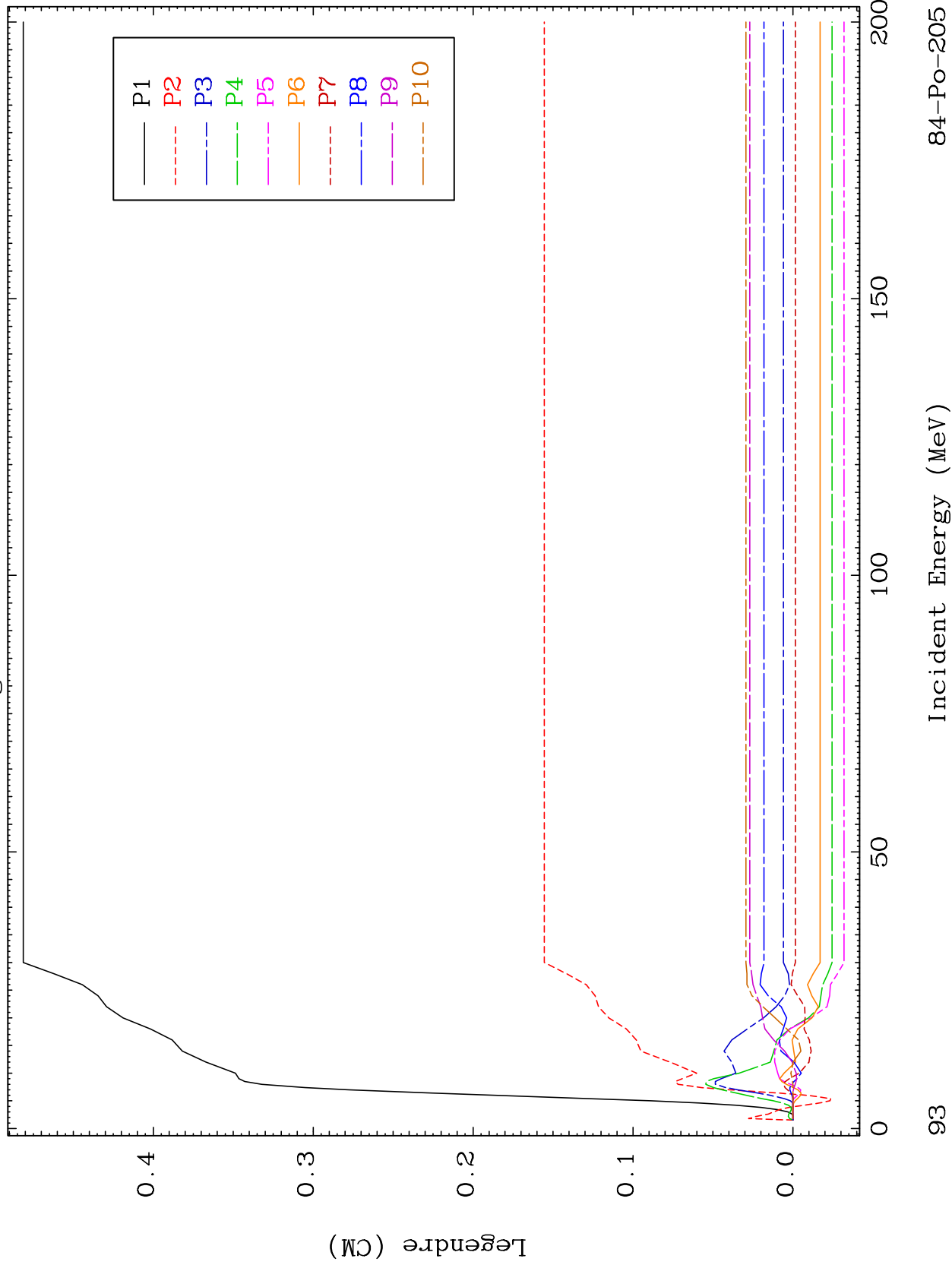
84-Po-205



MAT 8422

MT= 69 (n,n') Level  
Legendre Coefficients

84-Po-205



93

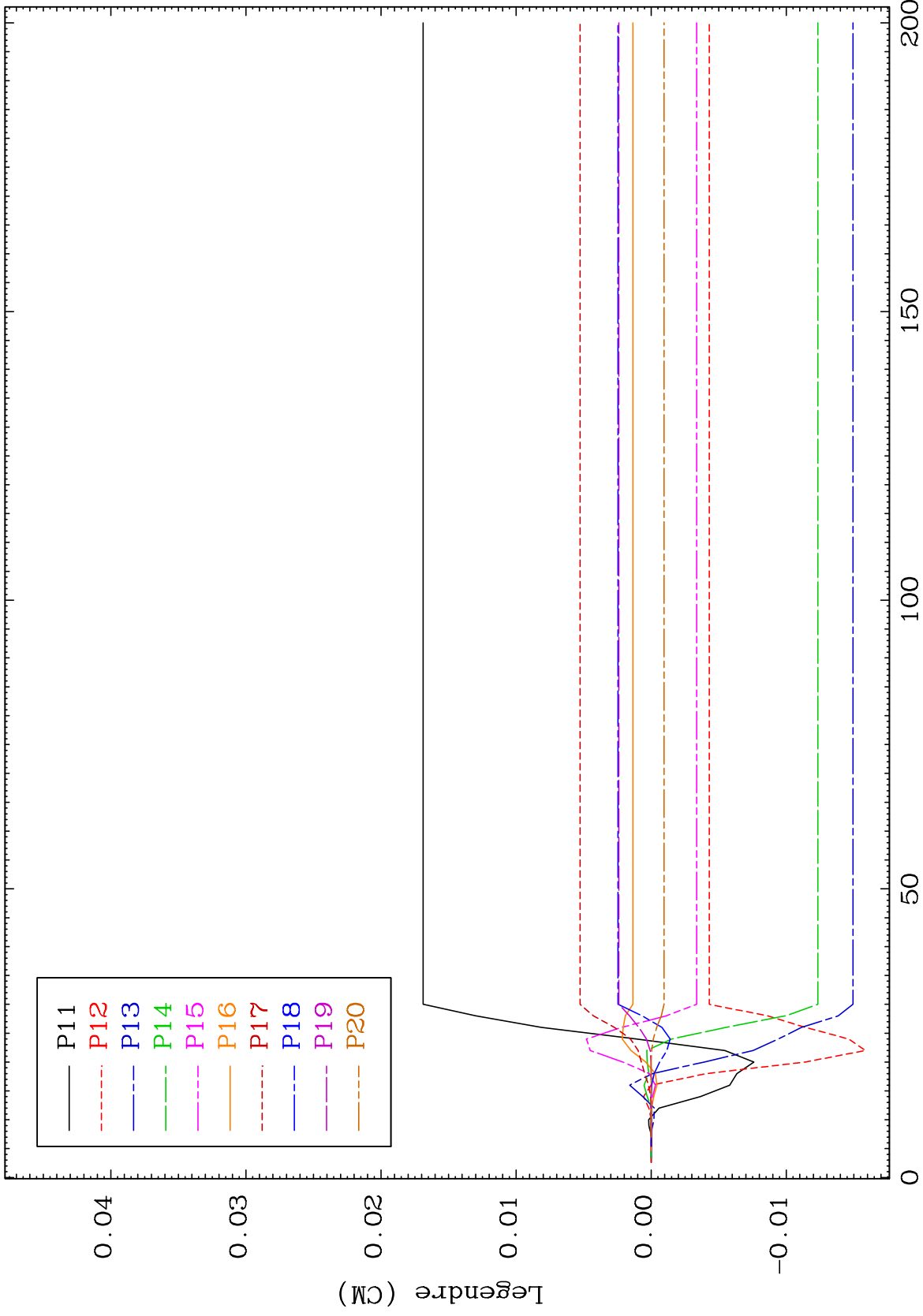
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 69 (n,n') Level  
Legendre Coefficients

84-Po-205



94

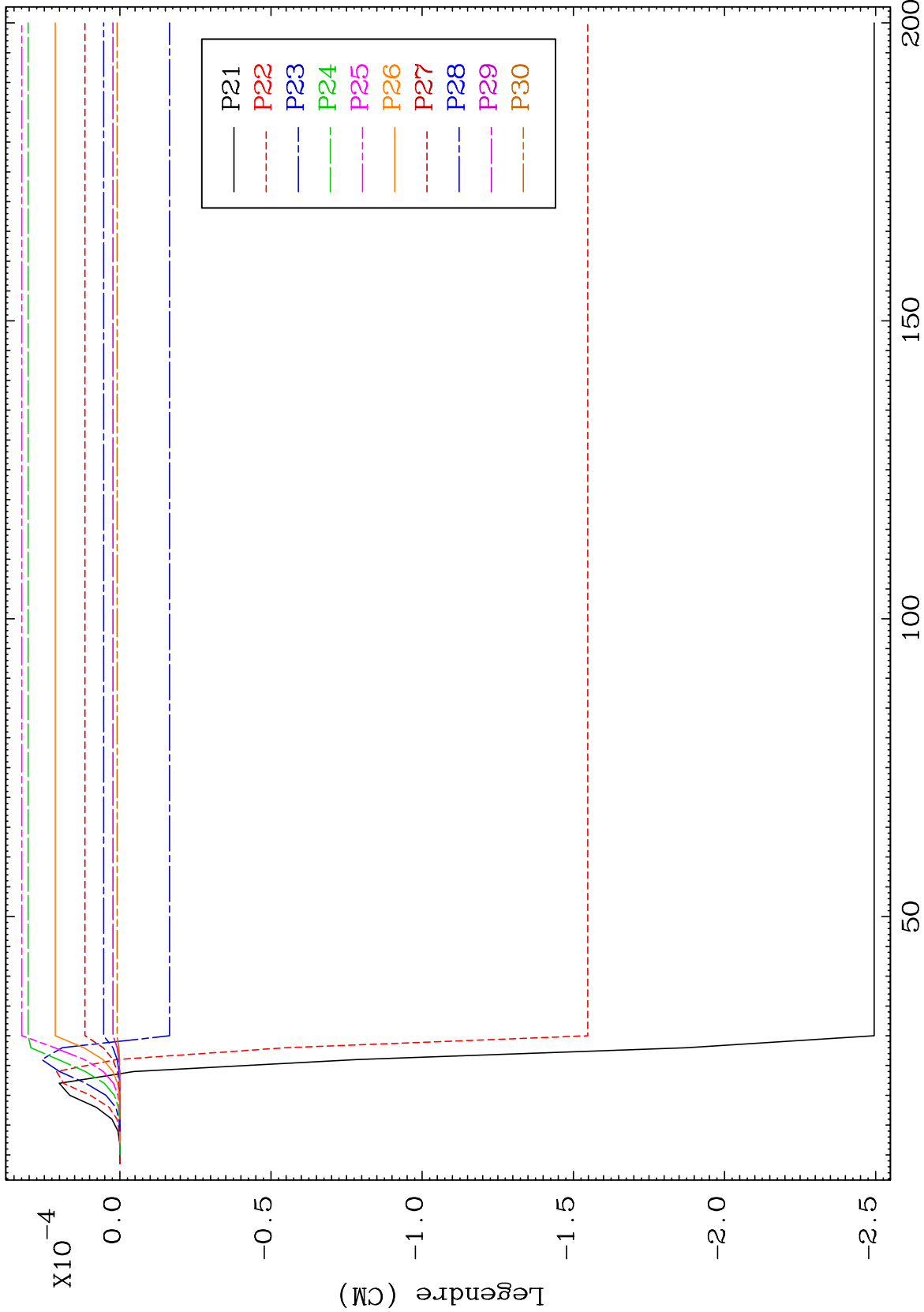
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 69 (n,n') Level  
Legendre Coefficients

84-Po-205



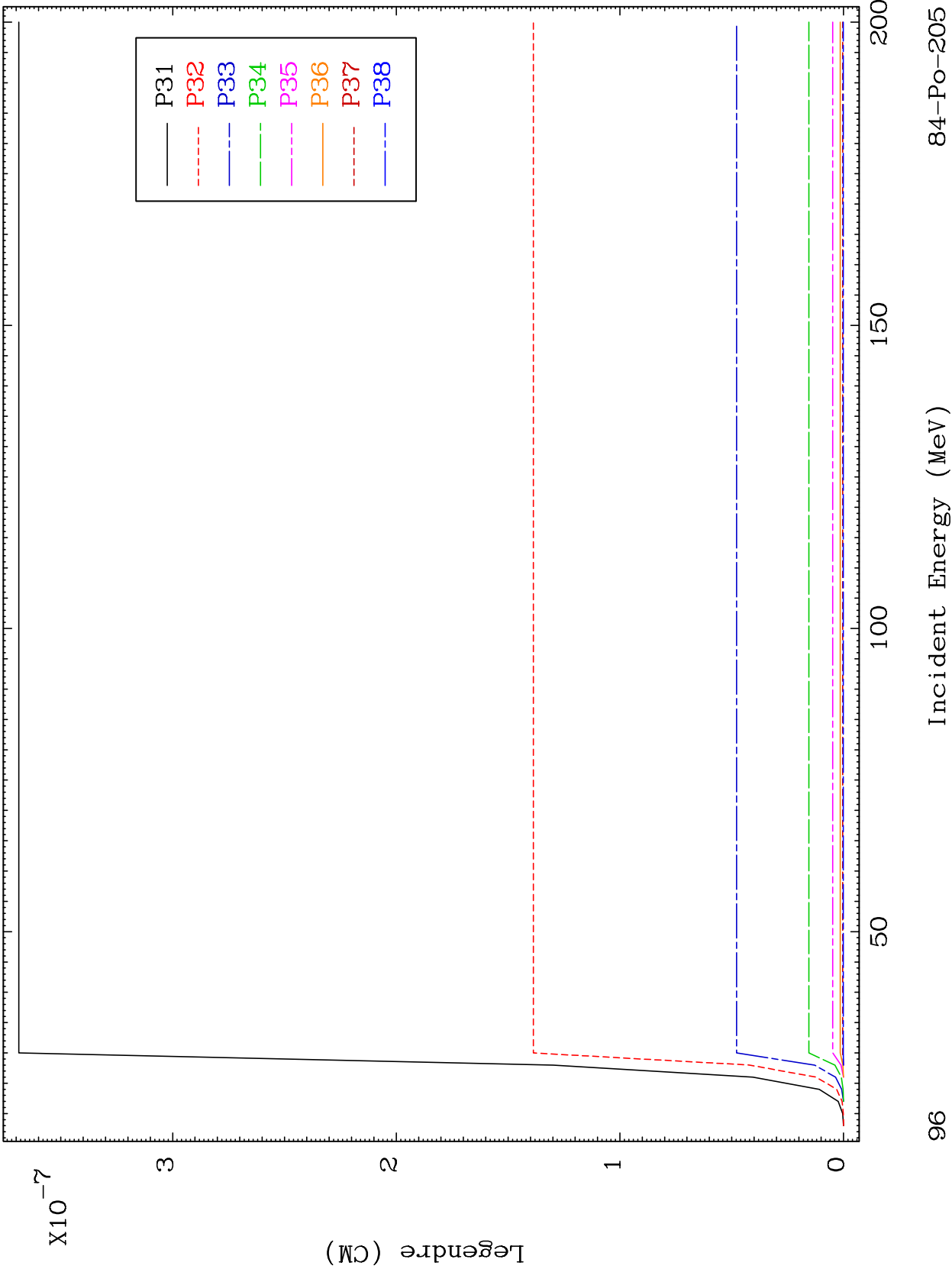
95

84-Po-205

MAT 8422

MT= 69 (n,n') Level  
Legendre Coefficients

84-Po-205



96

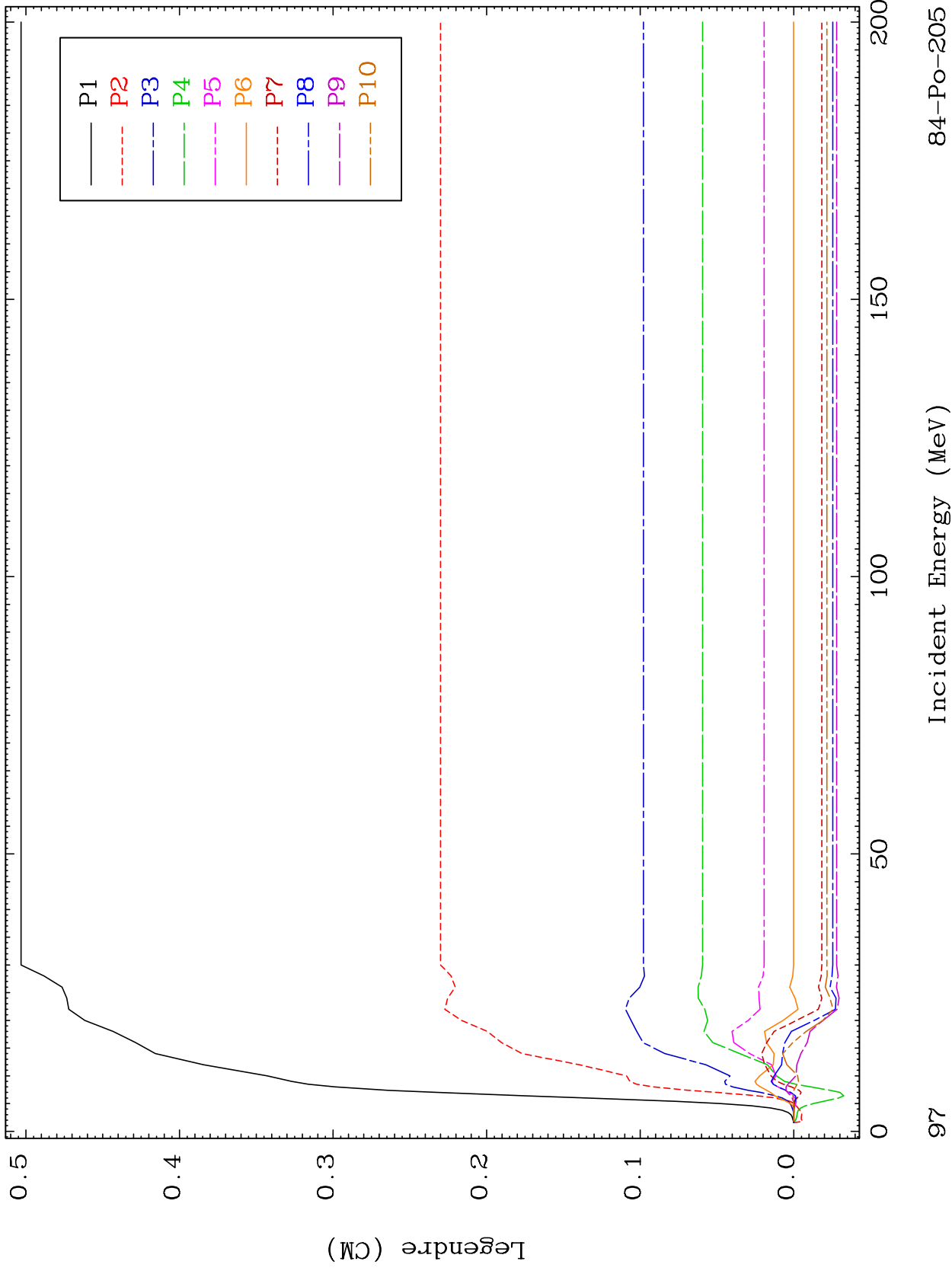
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 70 (n,n') Level  
Legendre Coefficients

84-Po-205



97

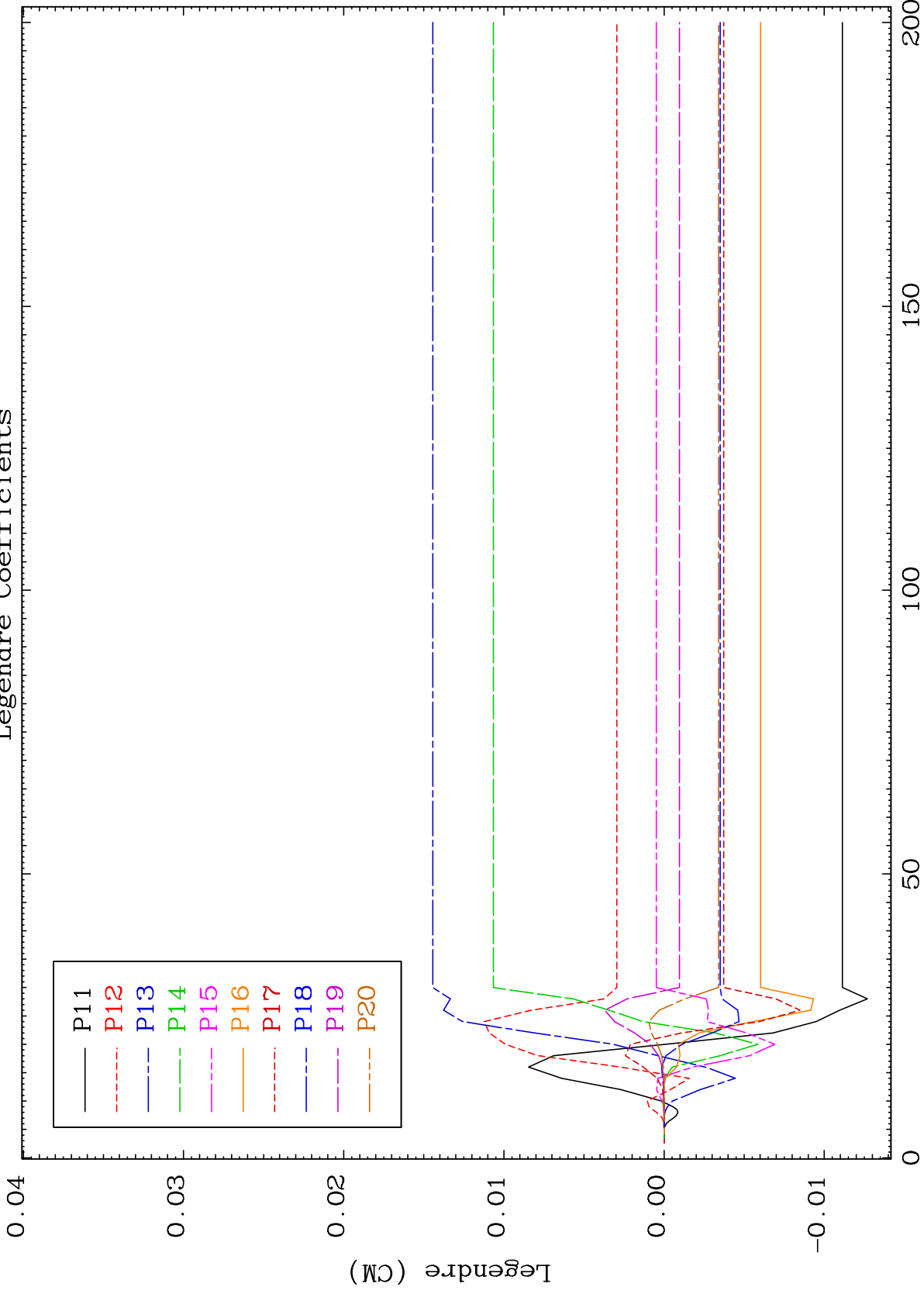
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 70 (n,n') Level  
Legendre Coefficients

84-Po-205



98

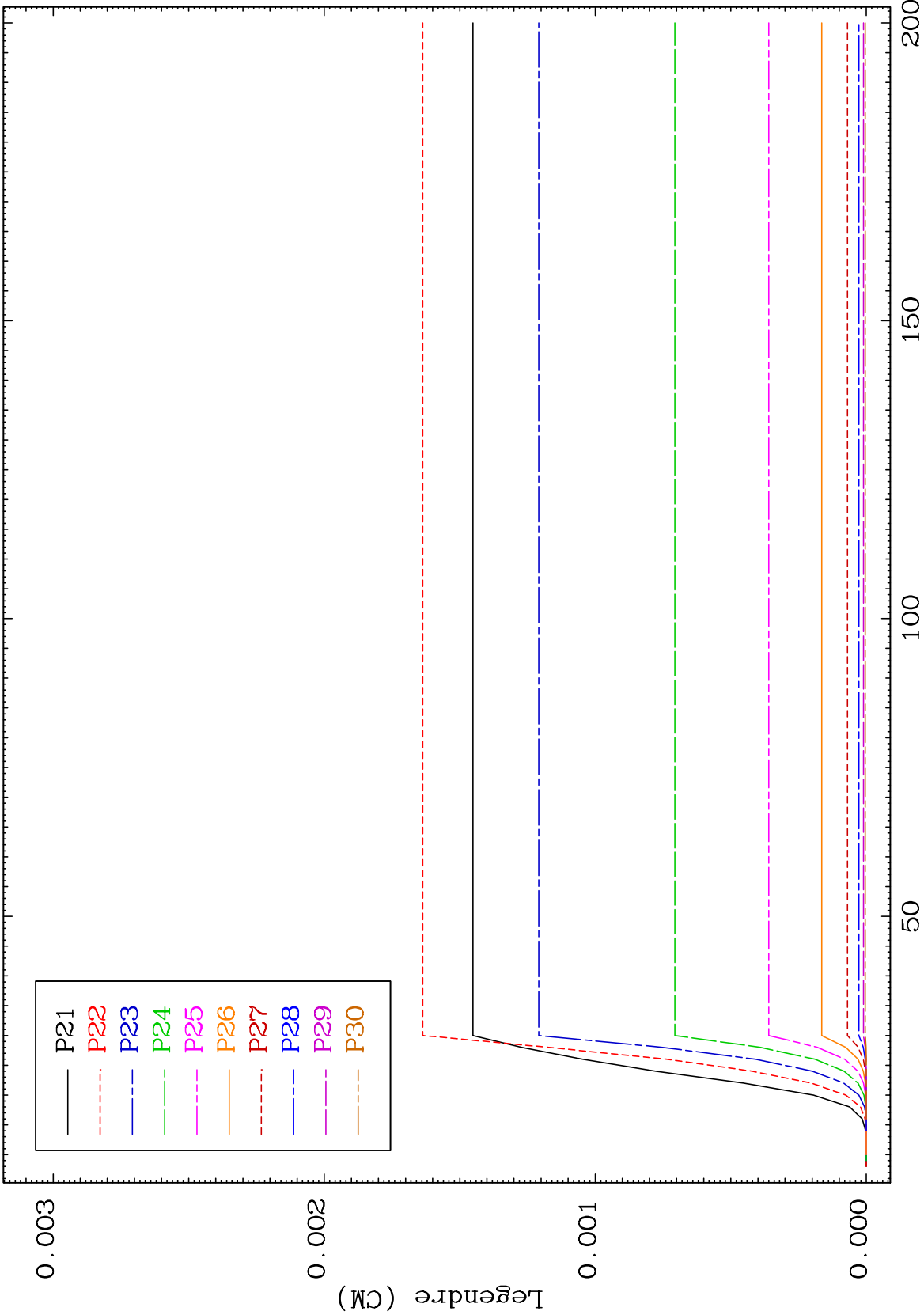
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 70 (n,n') Level  
Legendre Coefficients

84-Po-205



99

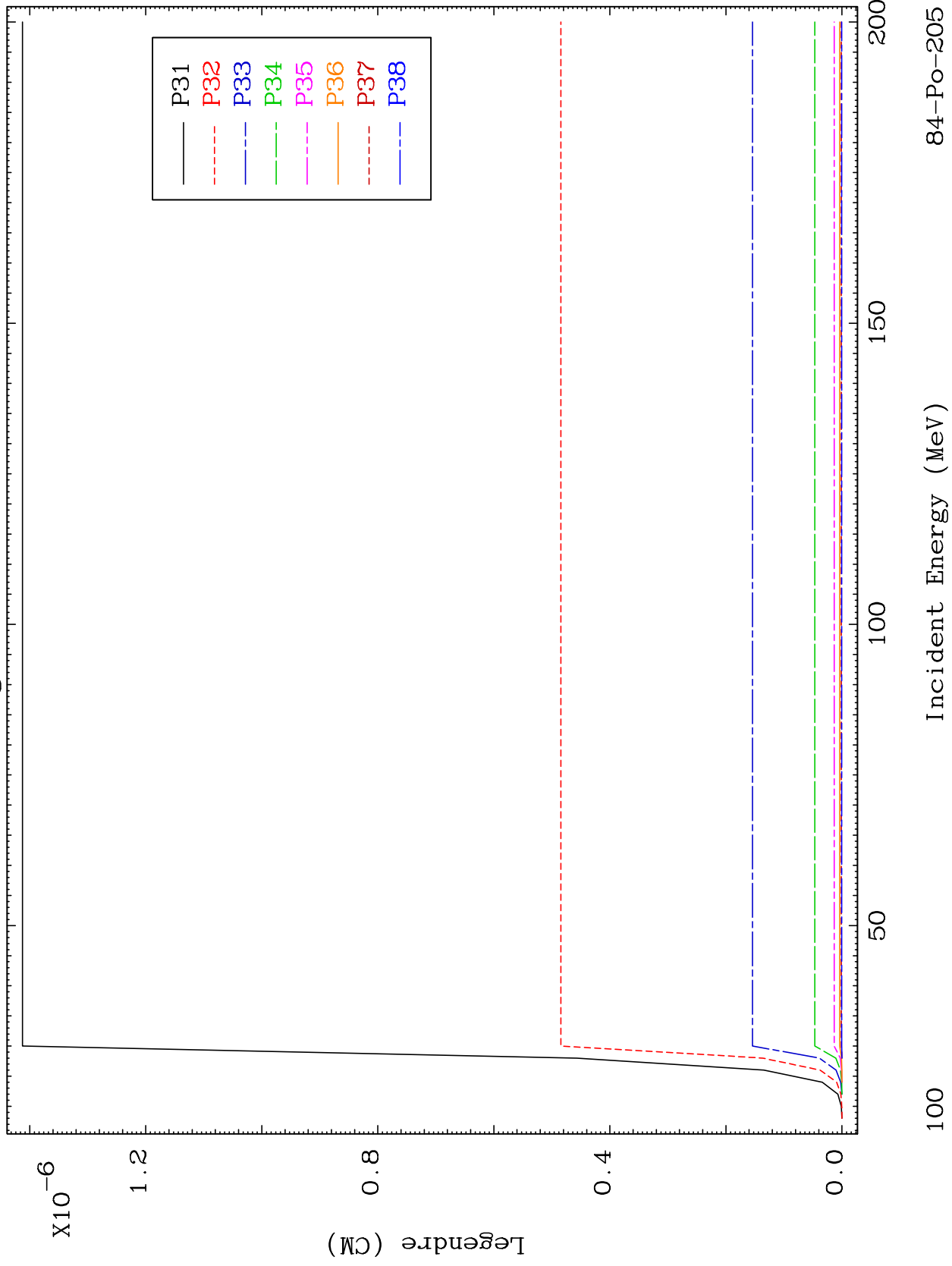
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 70 (n,n') Level  
Legendre Coefficients

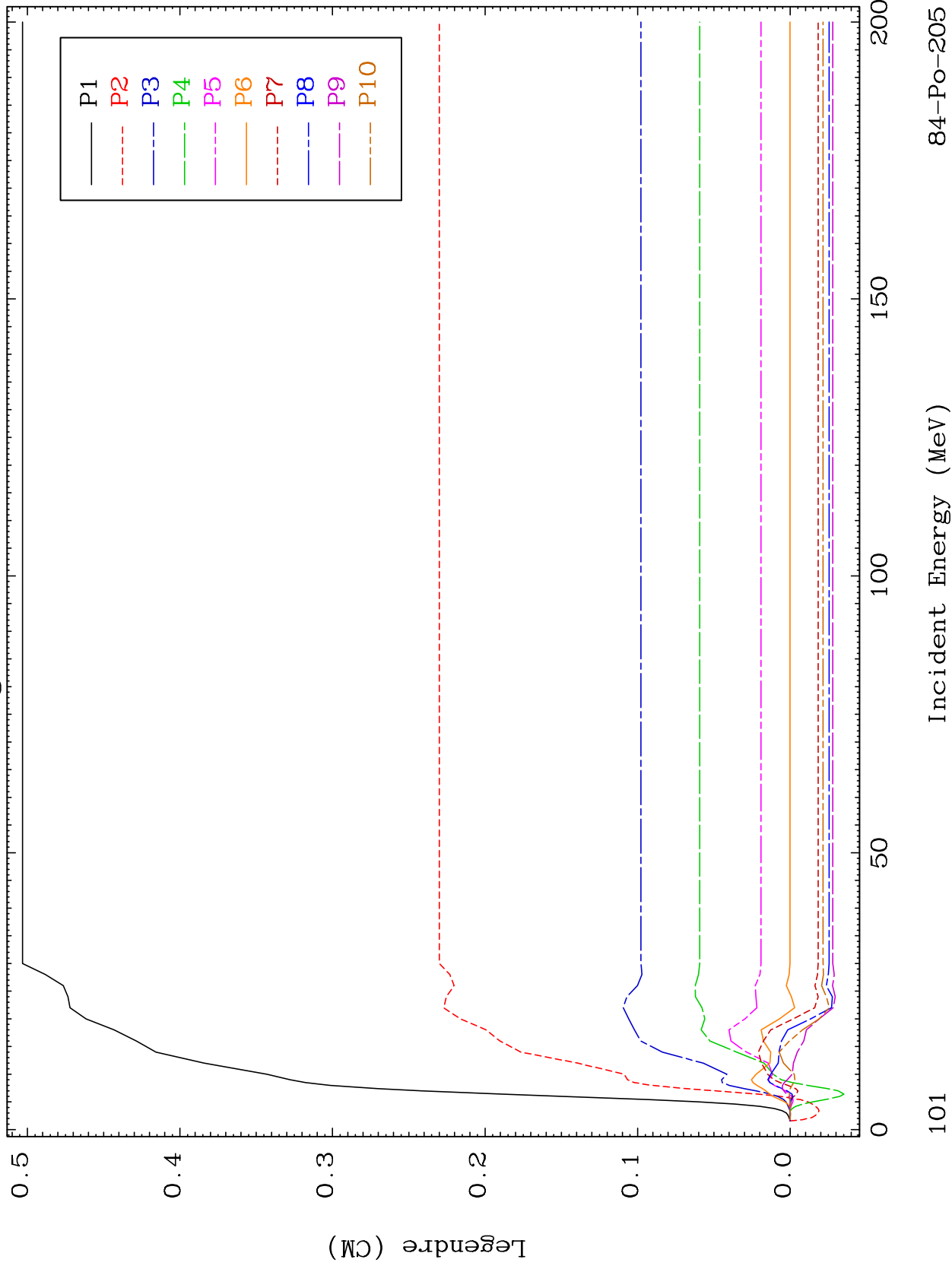
84-Po-205



MAT 8422

MT= 71 (n,n') Level  
Legendre Coefficients

84-Po-205



84-Po-205

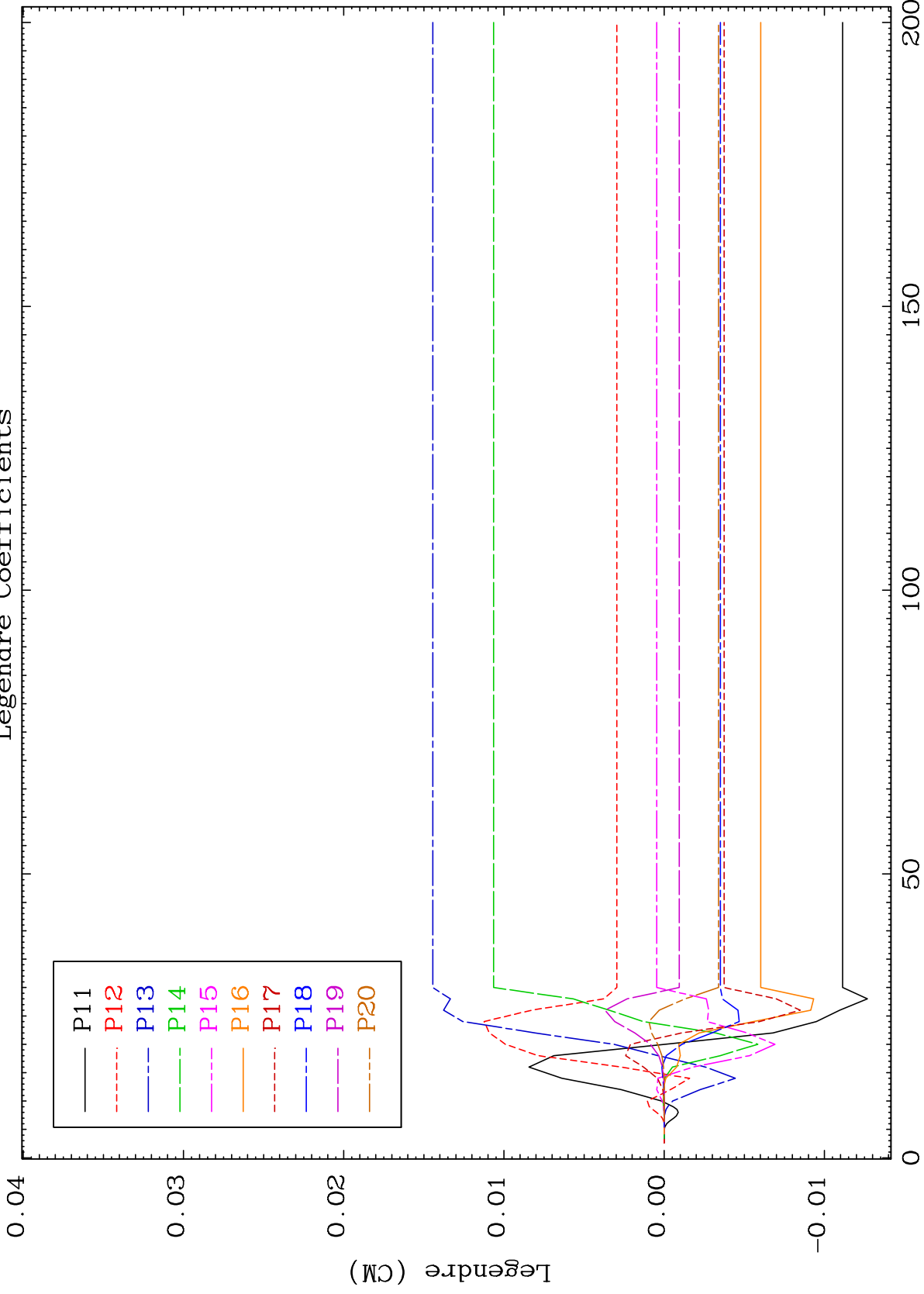
Incident Energy (MeV)

101

MAT 8422

MT= 71 (n,n') Level  
Legendre Coefficients

84-Po-205



102

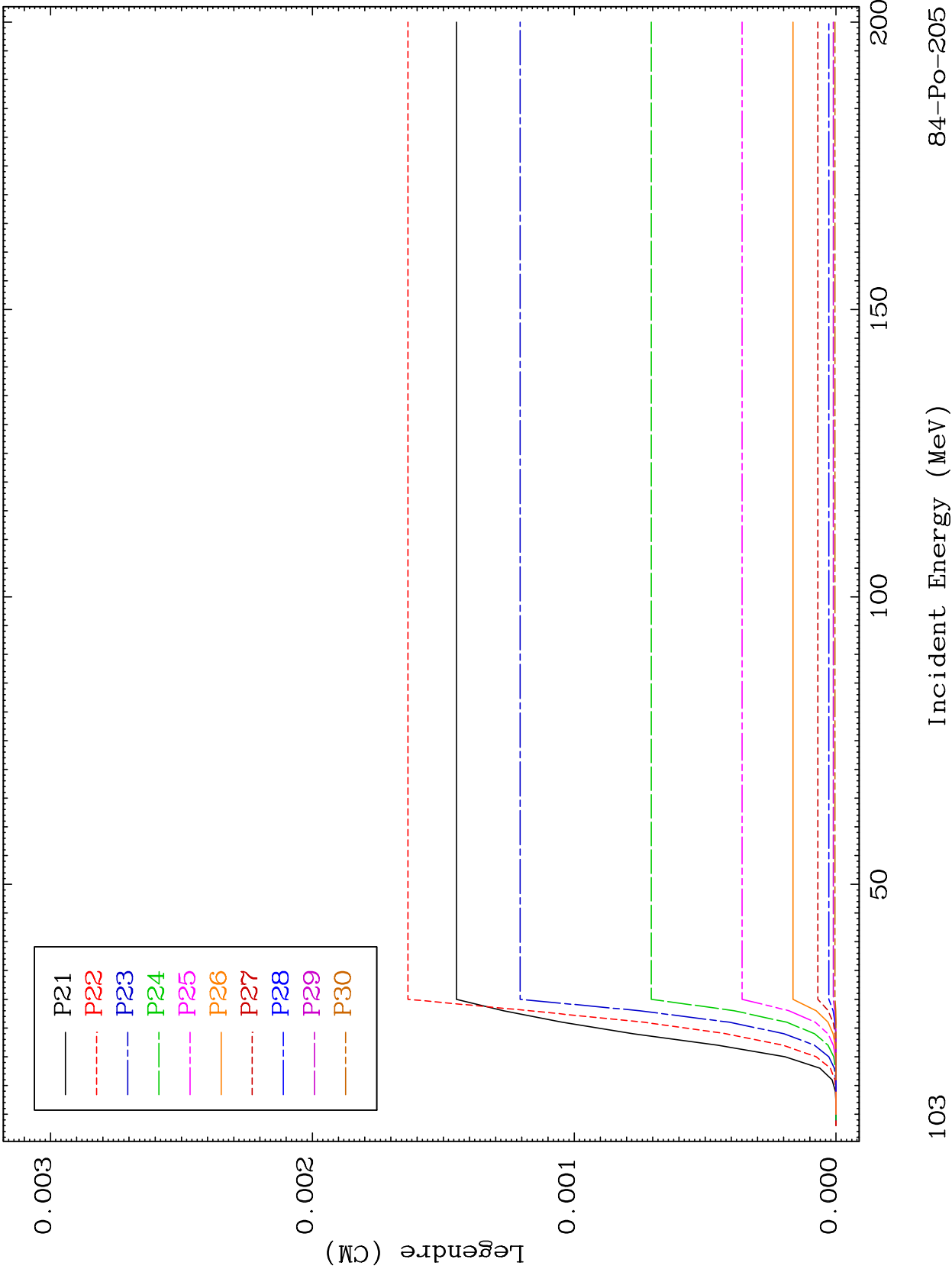
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 71 (n,n') Level  
Legendre Coefficients

84-Po-205



103

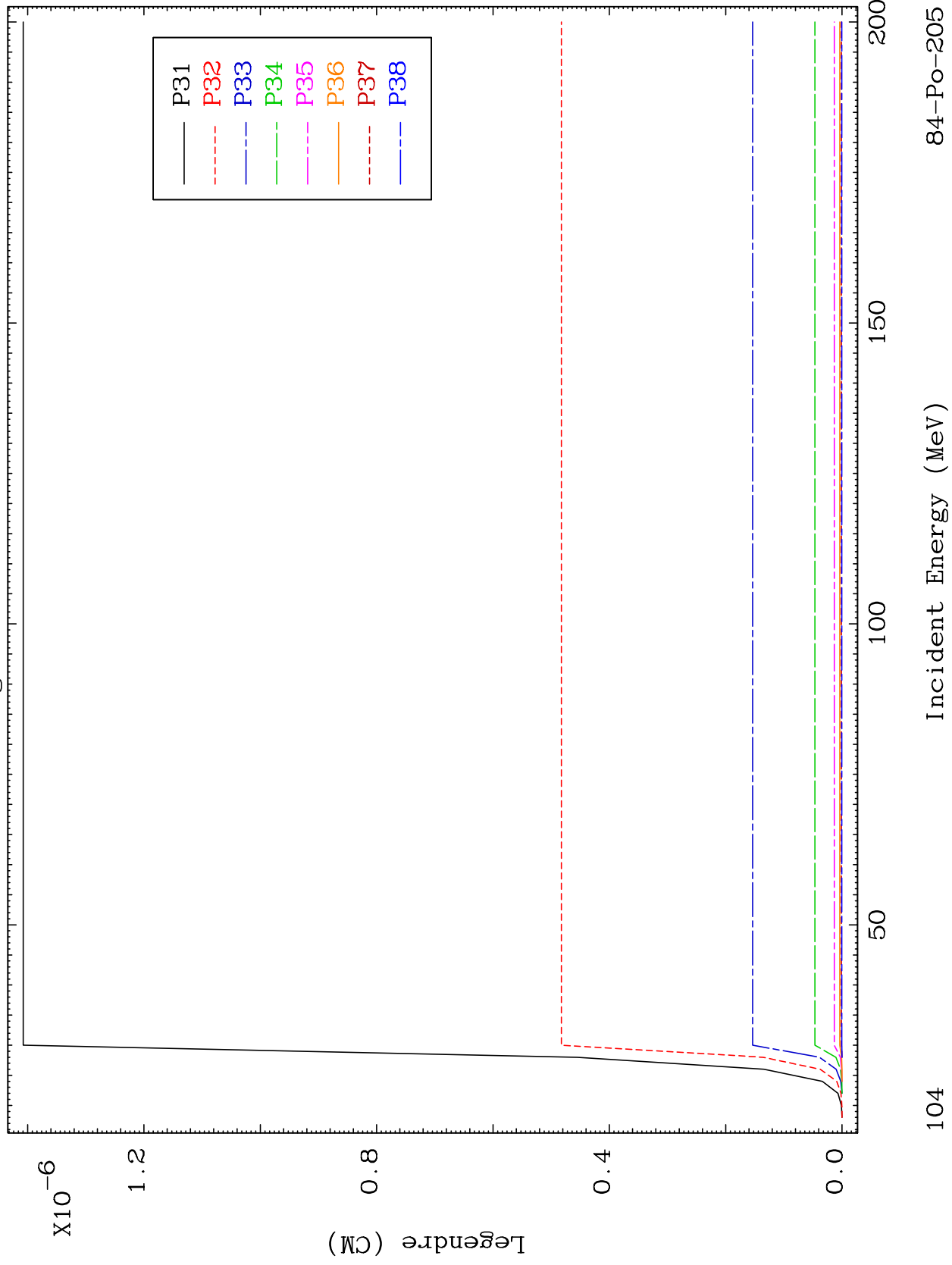
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 71 (n,n') Level  
Legendre Coefficients

84-Po-205



104

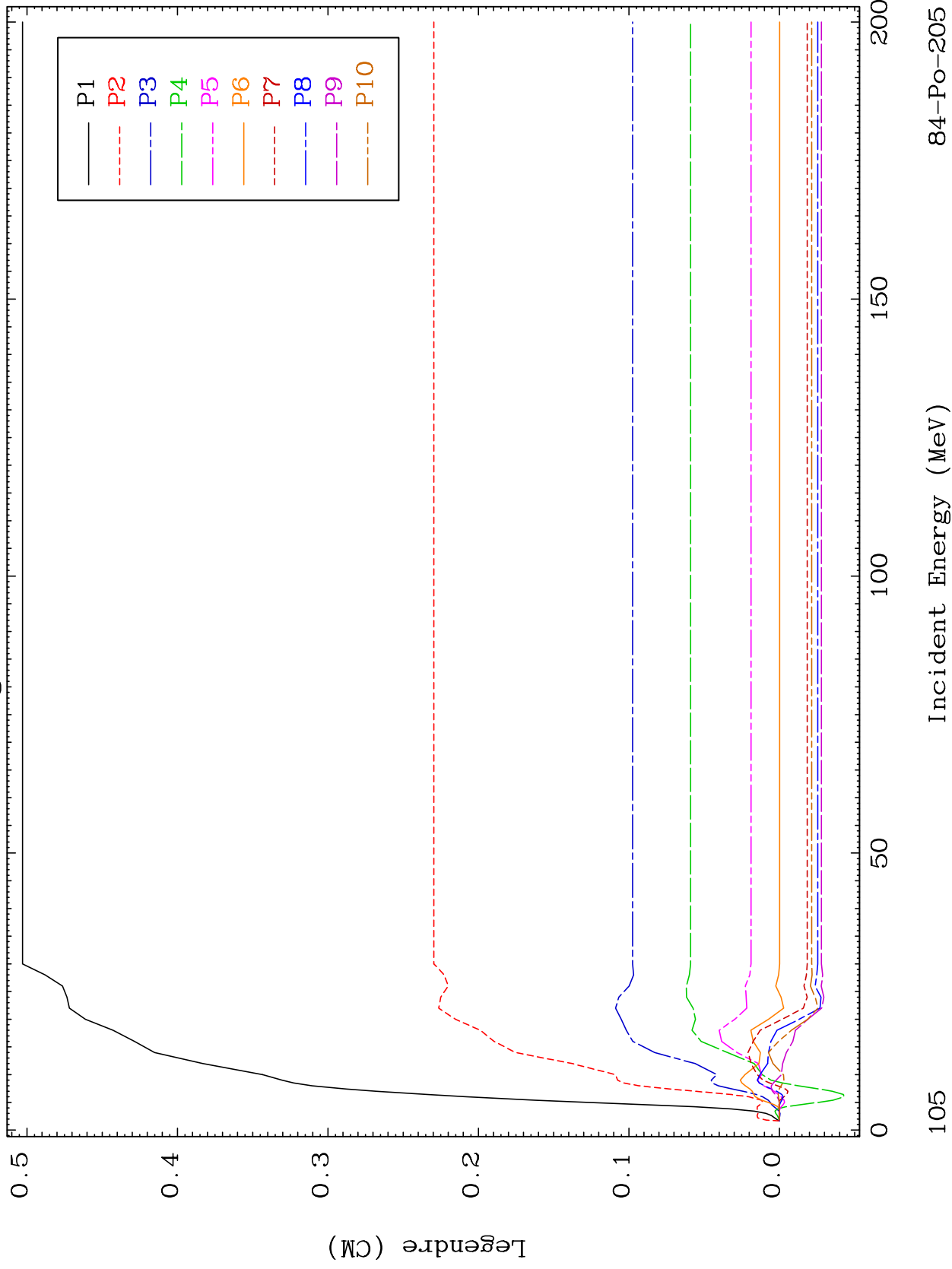
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 72 (n,n') Level  
Legendre Coefficients

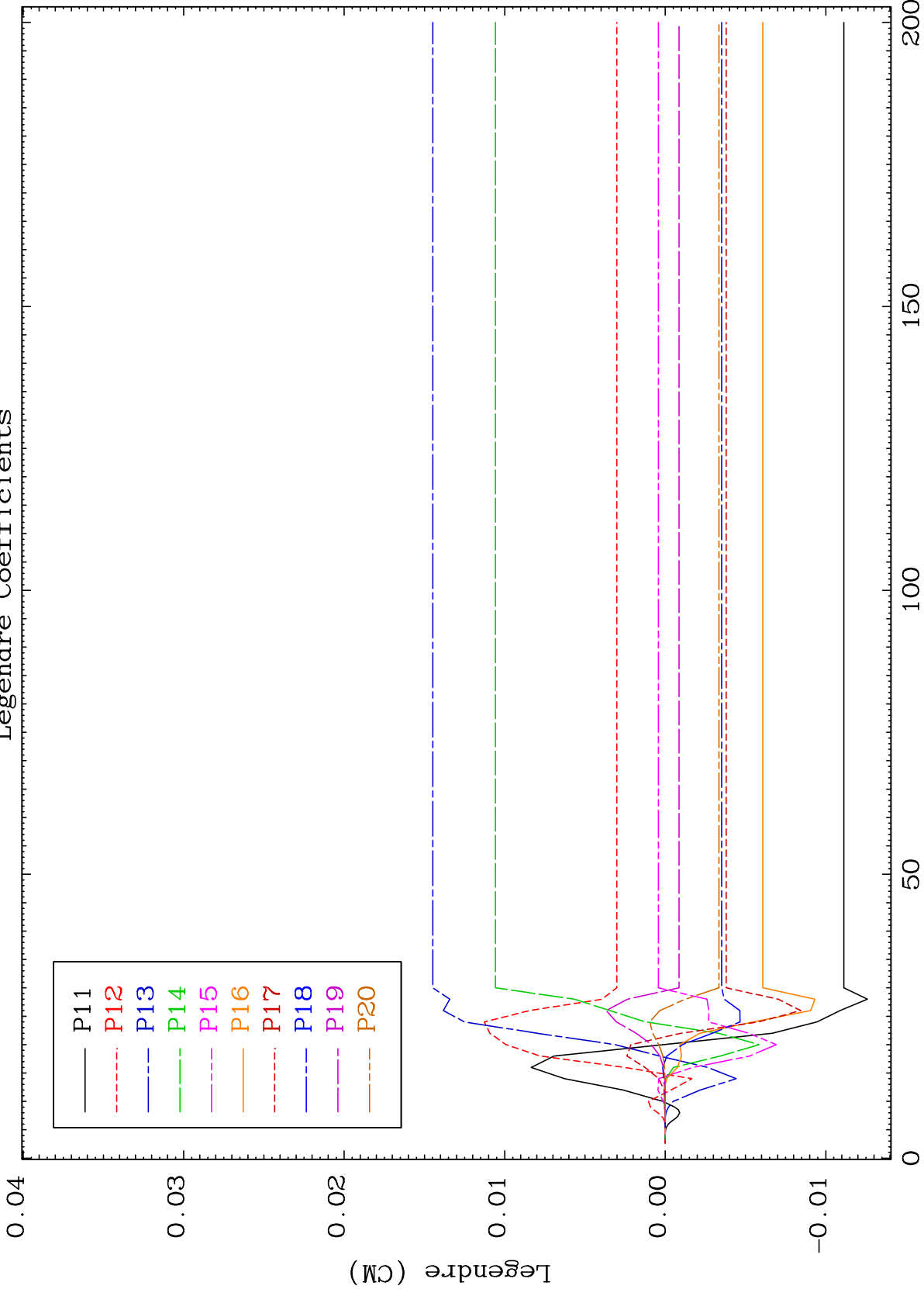
84-Po-205



MAT 8422

MT= 72 (n,n') Level  
Legendre Coefficients

84-Po-205



106

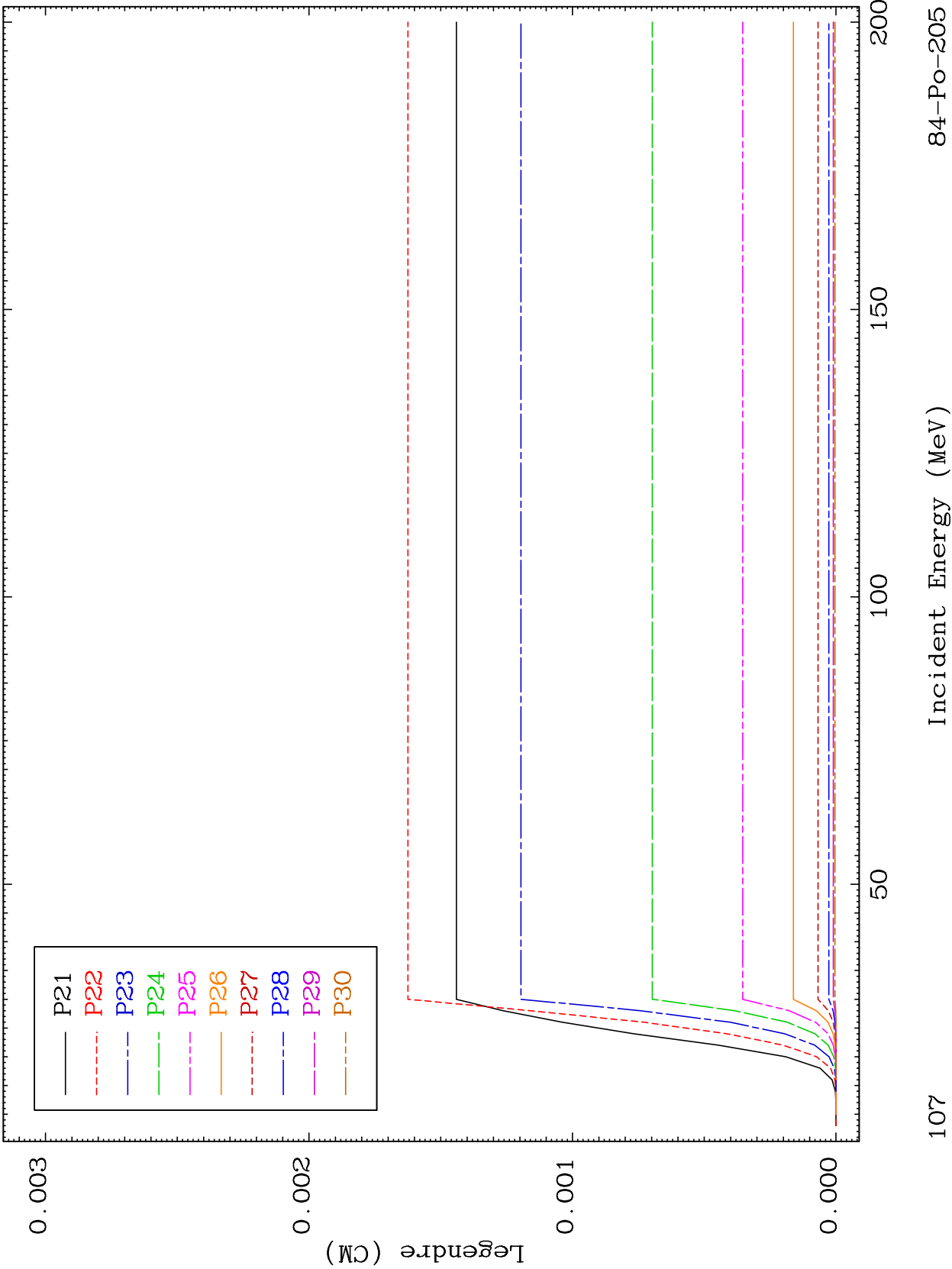
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 72 (n,n') Level  
Legendre Coefficients

84-Po-205



107

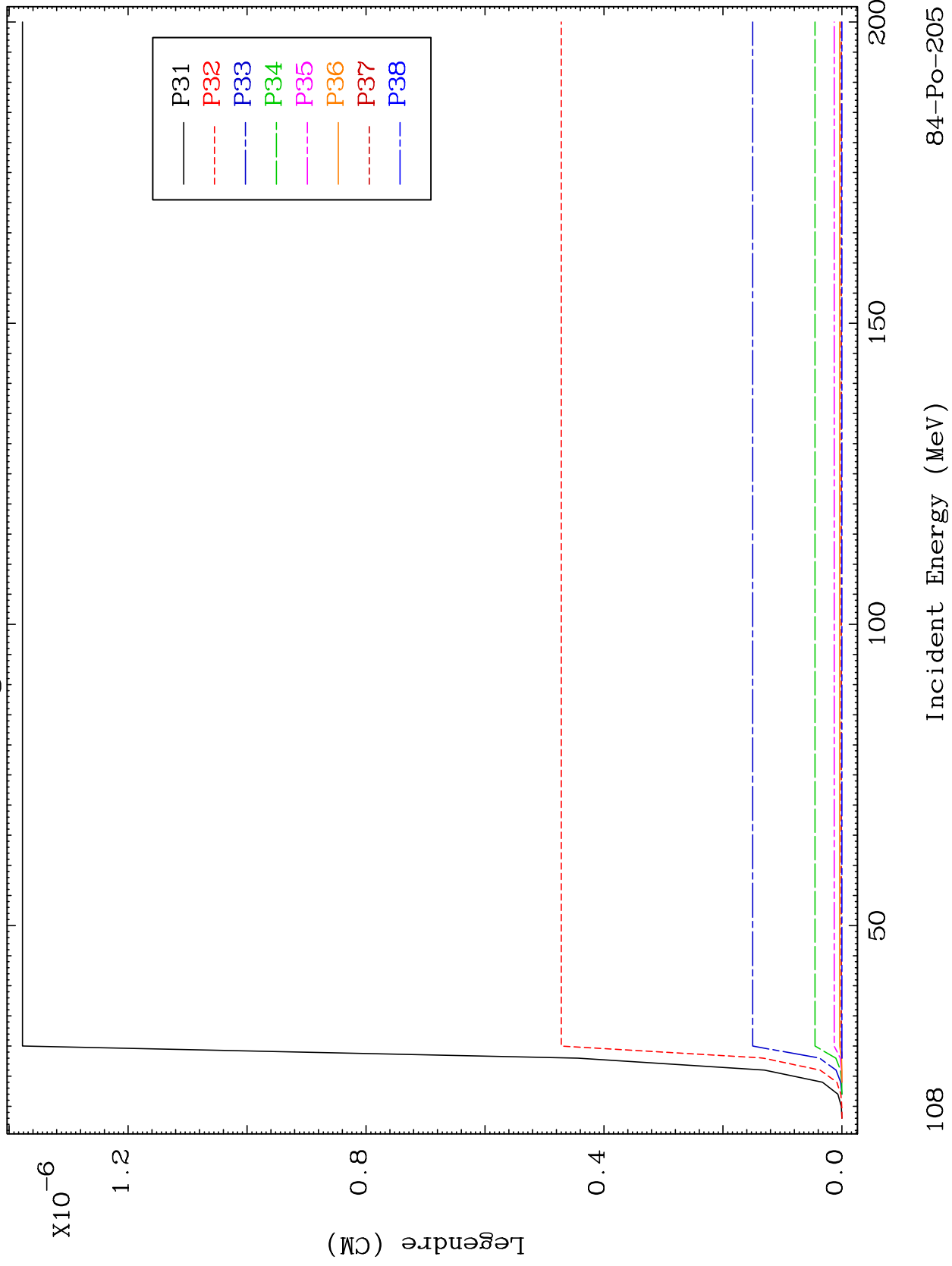
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 72 (n,n') Level  
Legendre Coefficients

84-Po-205



108

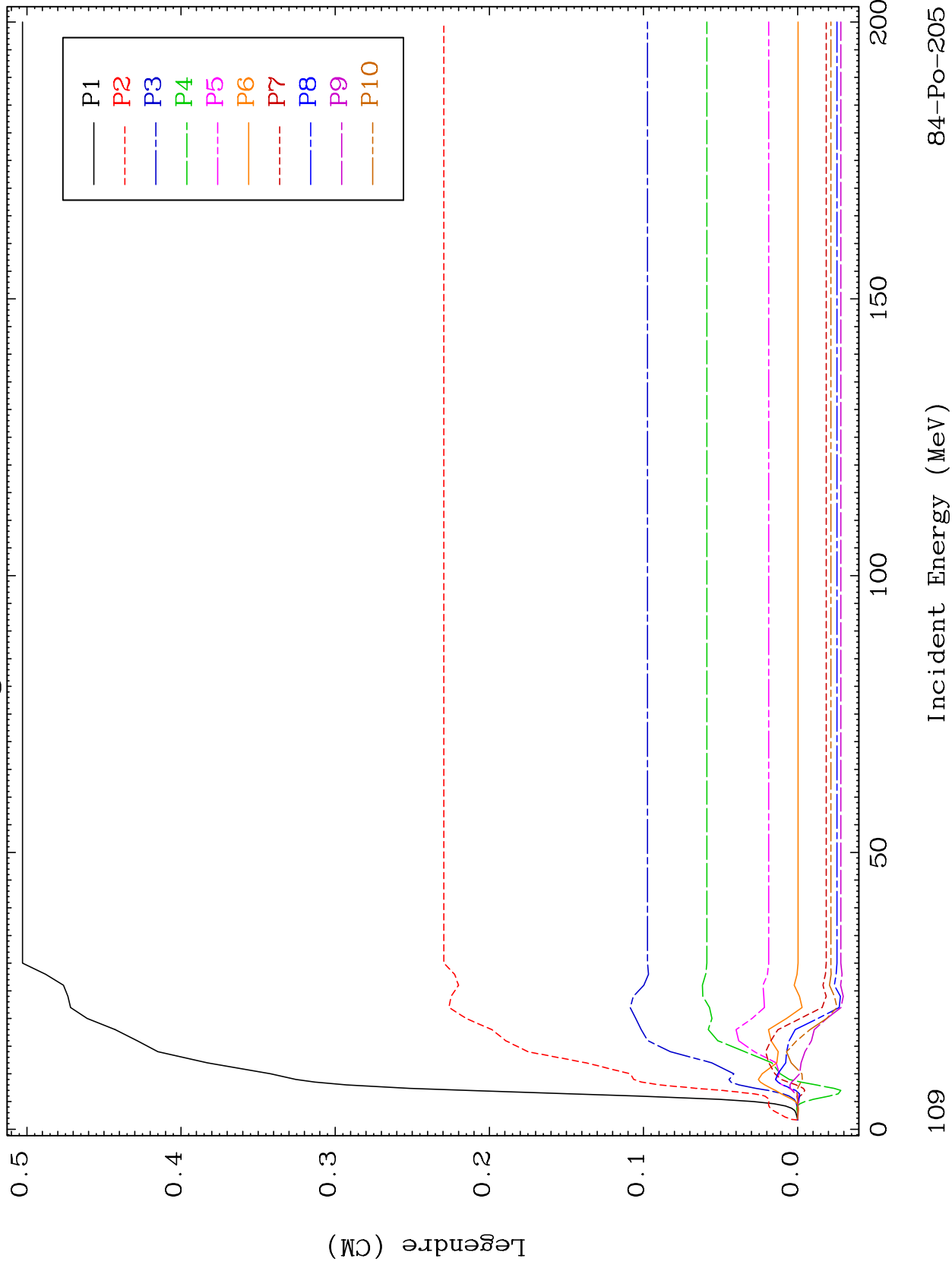
Incident Energy (MeV)

84-Po-205

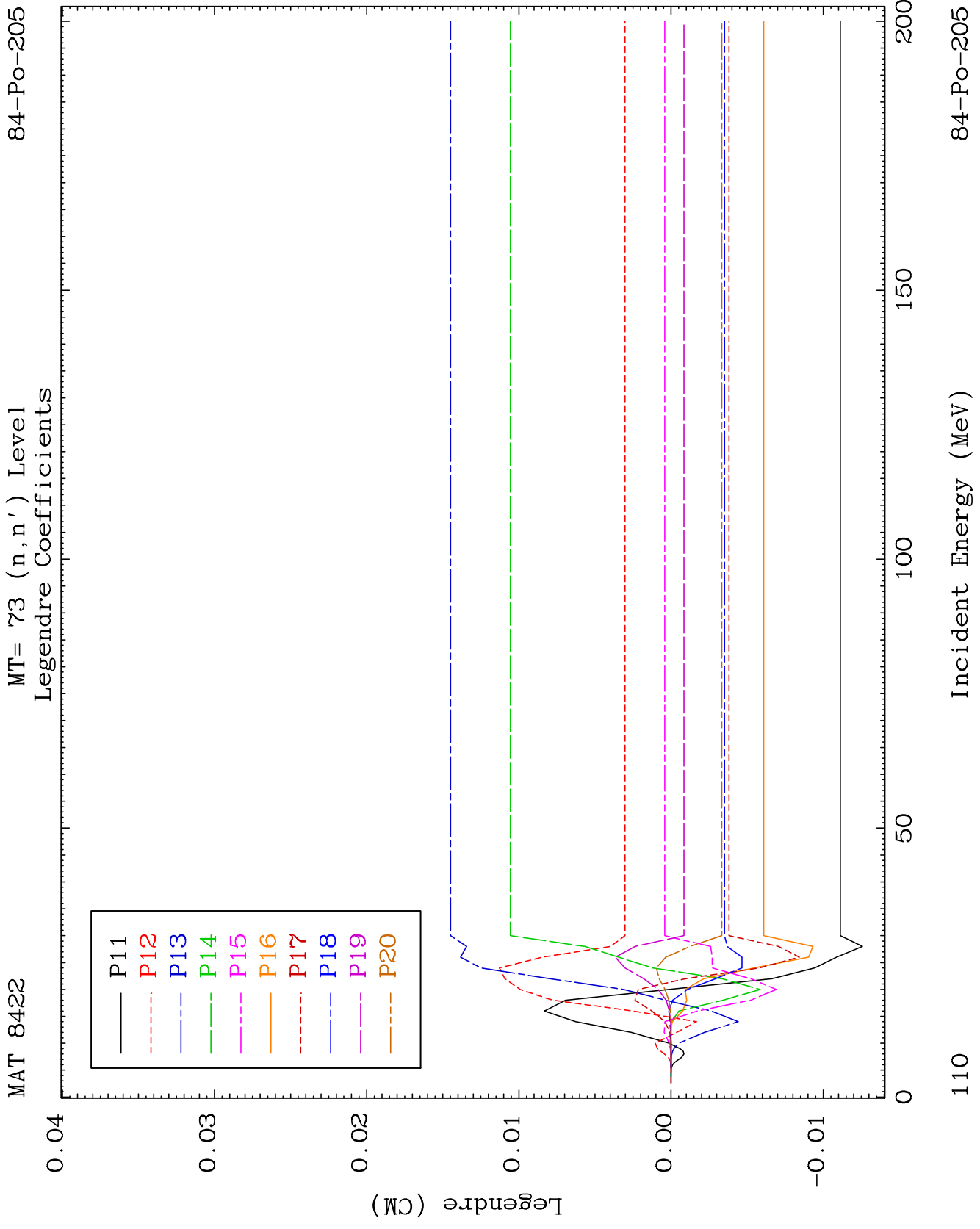
MAT 8422

MT= 73 (n,n') Level  
Legendre Coefficients

84-Po-205



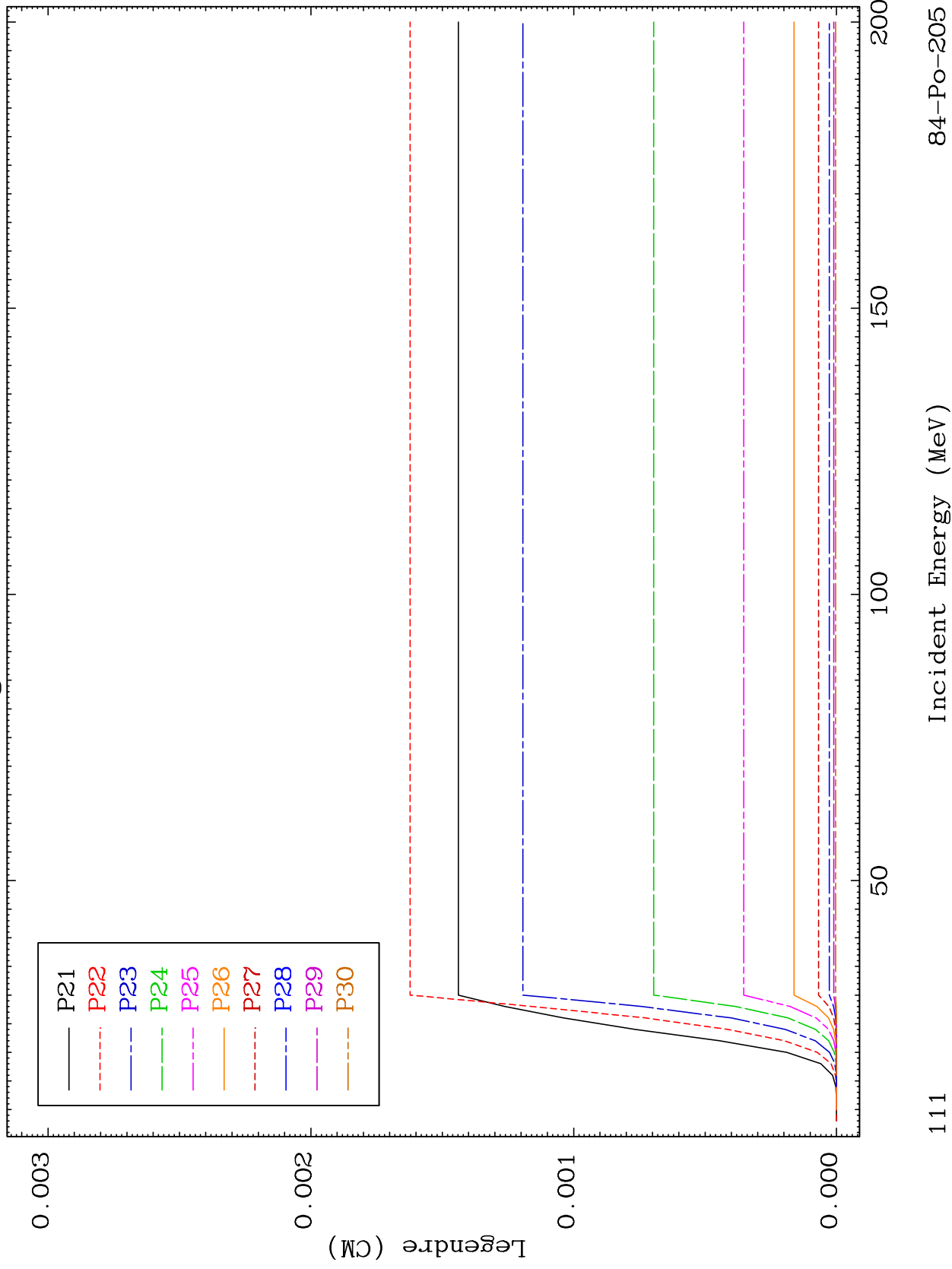
109



MAT 8422

MT= 73 (n,n') Level  
Legendre Coefficients

84-Po-205



111

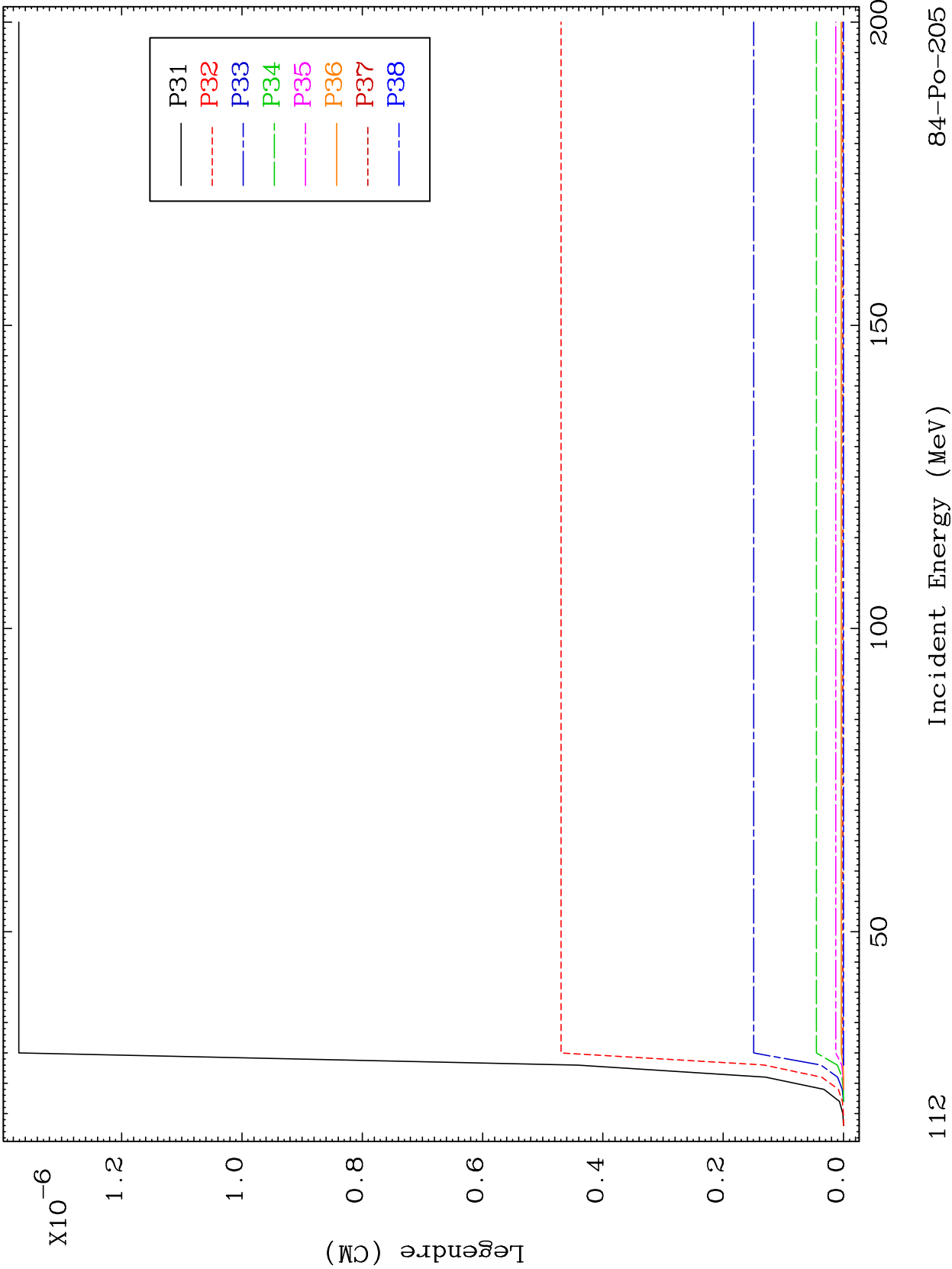
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 73 (n,n') Level  
Legendre Coefficients

84-Po-205

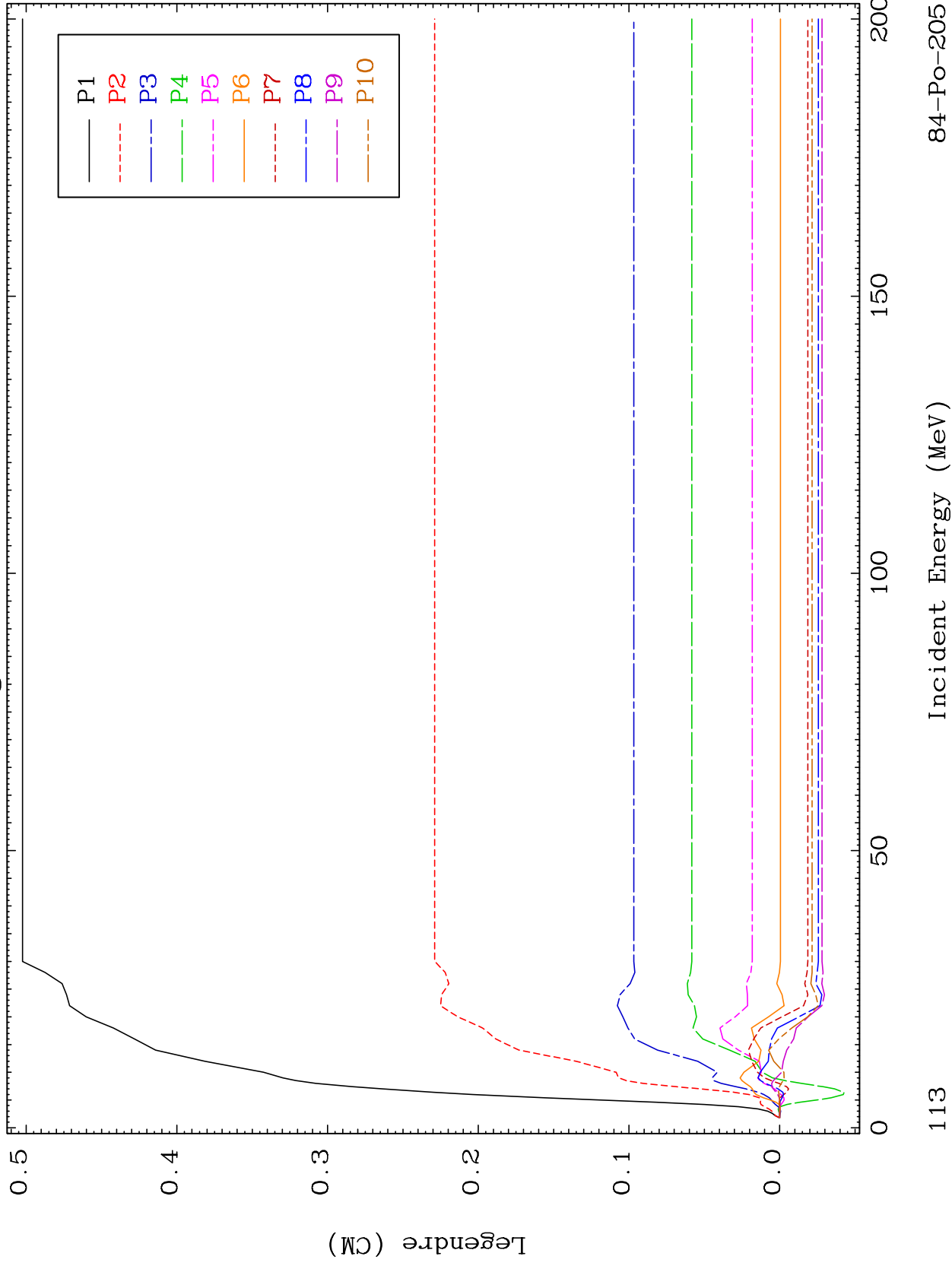


112

MAT 8422

MT= 74 (n,n') Level  
Legendre Coefficients

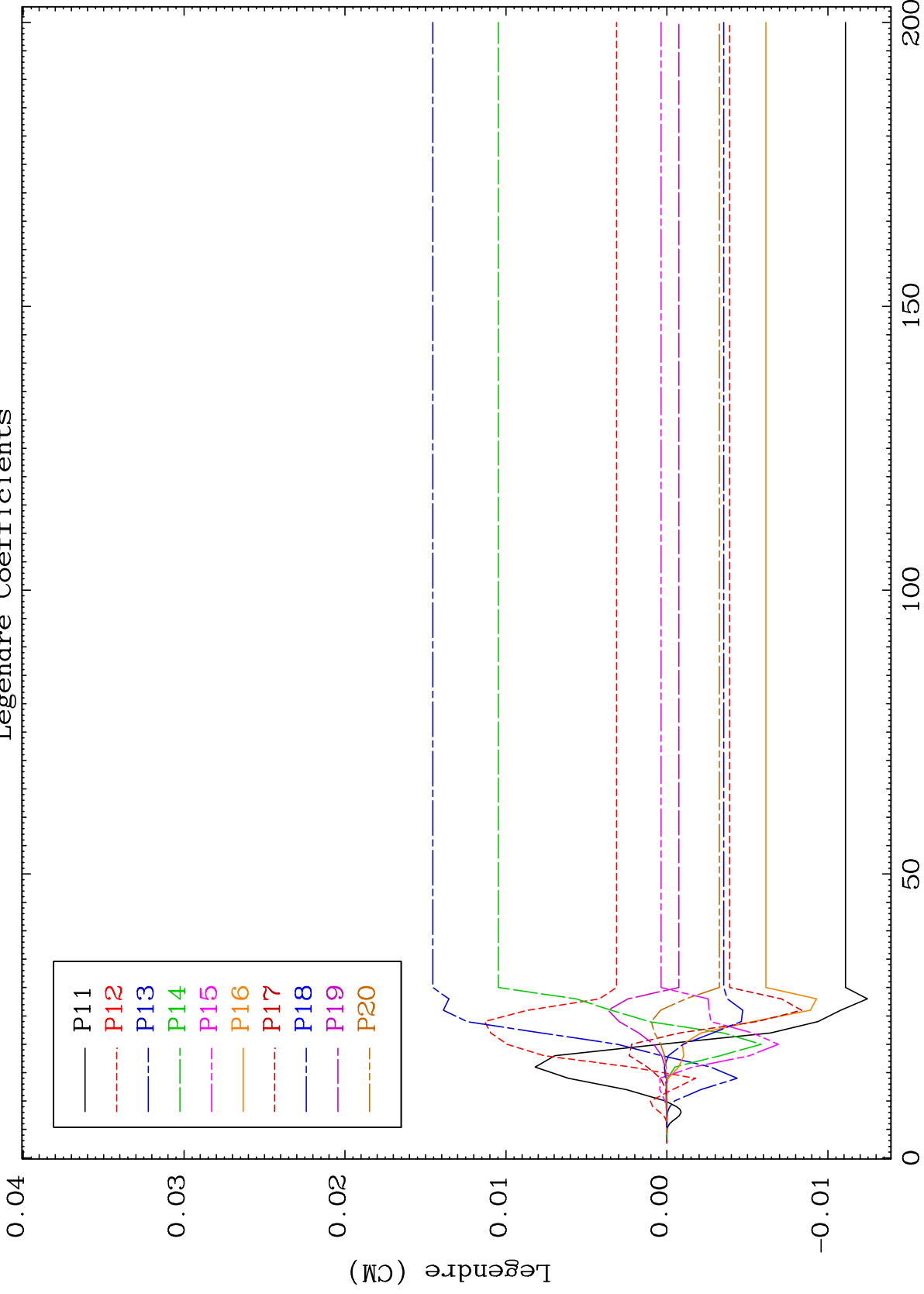
84-Po-205



MAT 8422

MT= 74 (n,n') Level  
Legendre Coefficients

84-Po-205



114

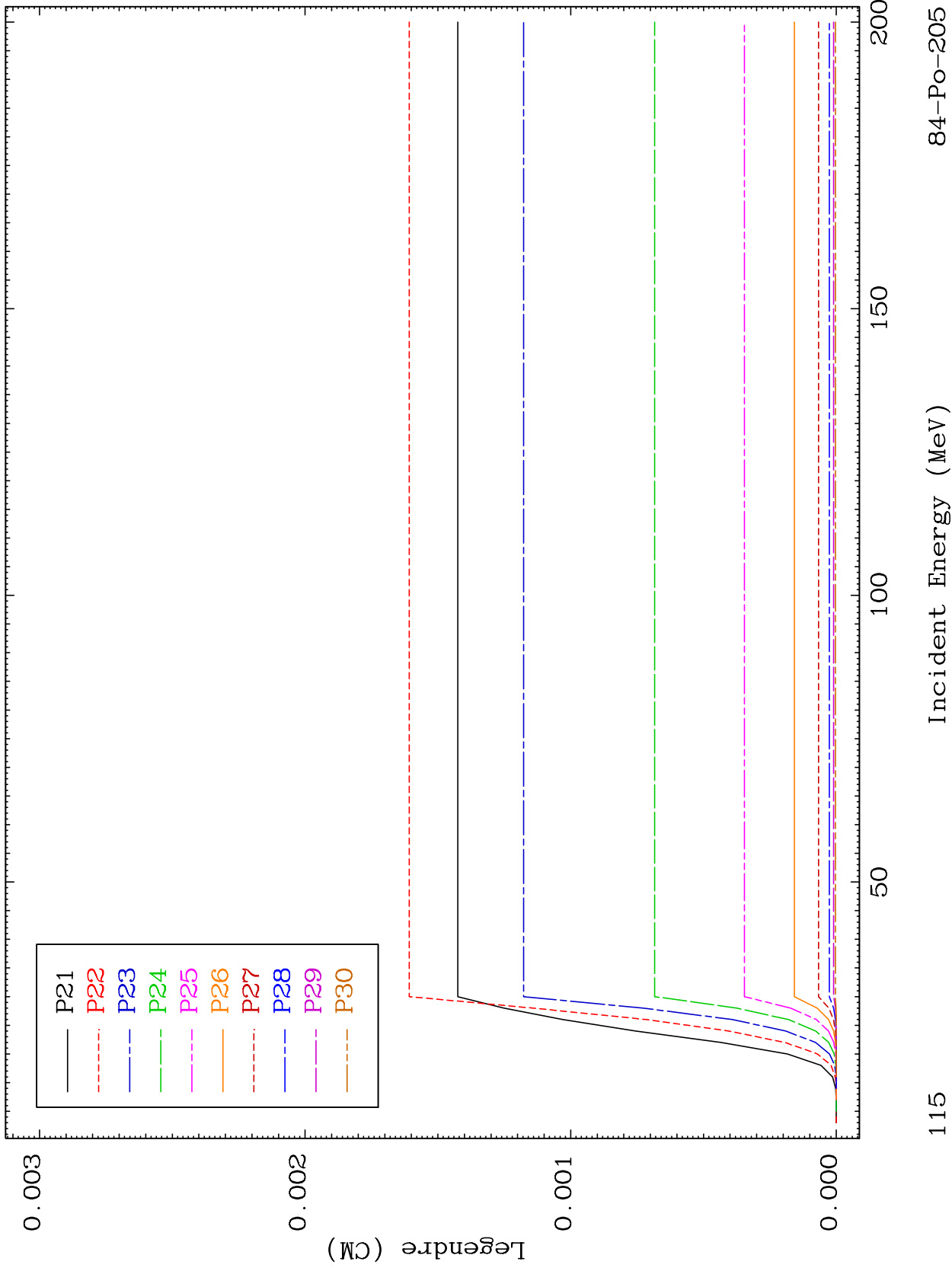
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 74 (n,n') Level  
Legendre Coefficients

84-Po-205



115

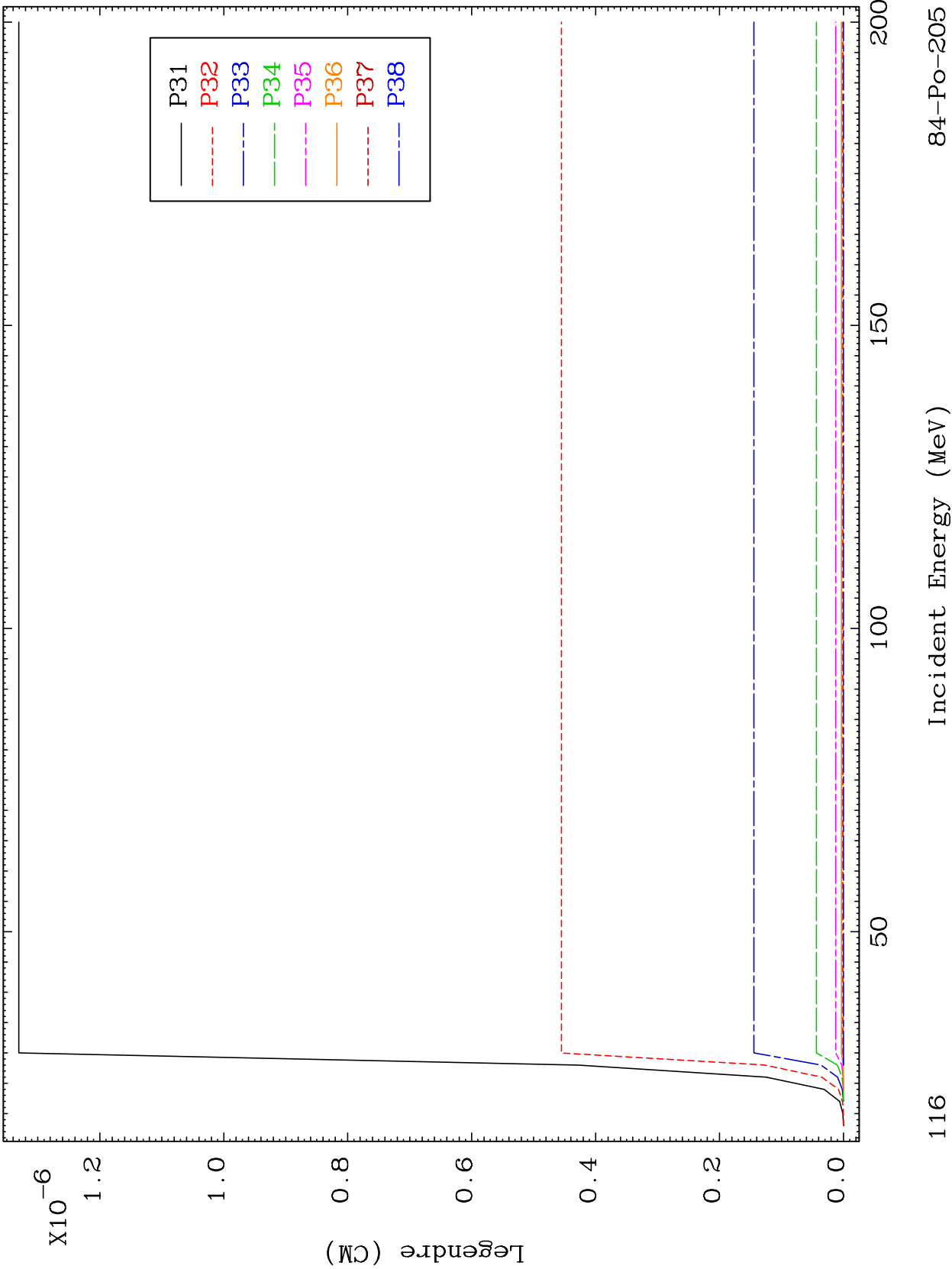
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 74 (n,n') Level  
Legendre Coefficients

84-Po-205



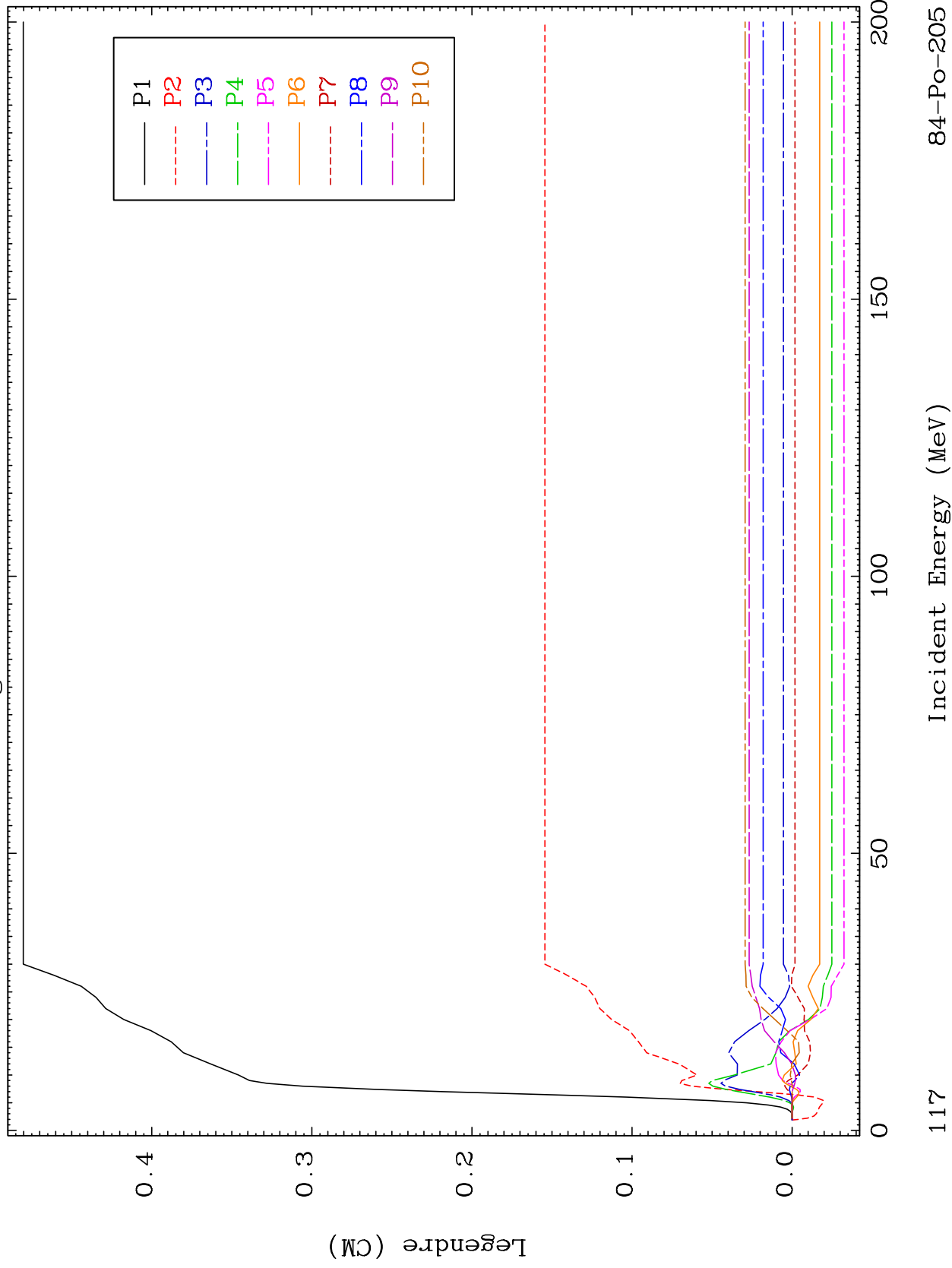
116

84-Po-205

MAT 8422

MT= 75 (n,n') Level  
Legendre Coefficients

84-Po-205



117

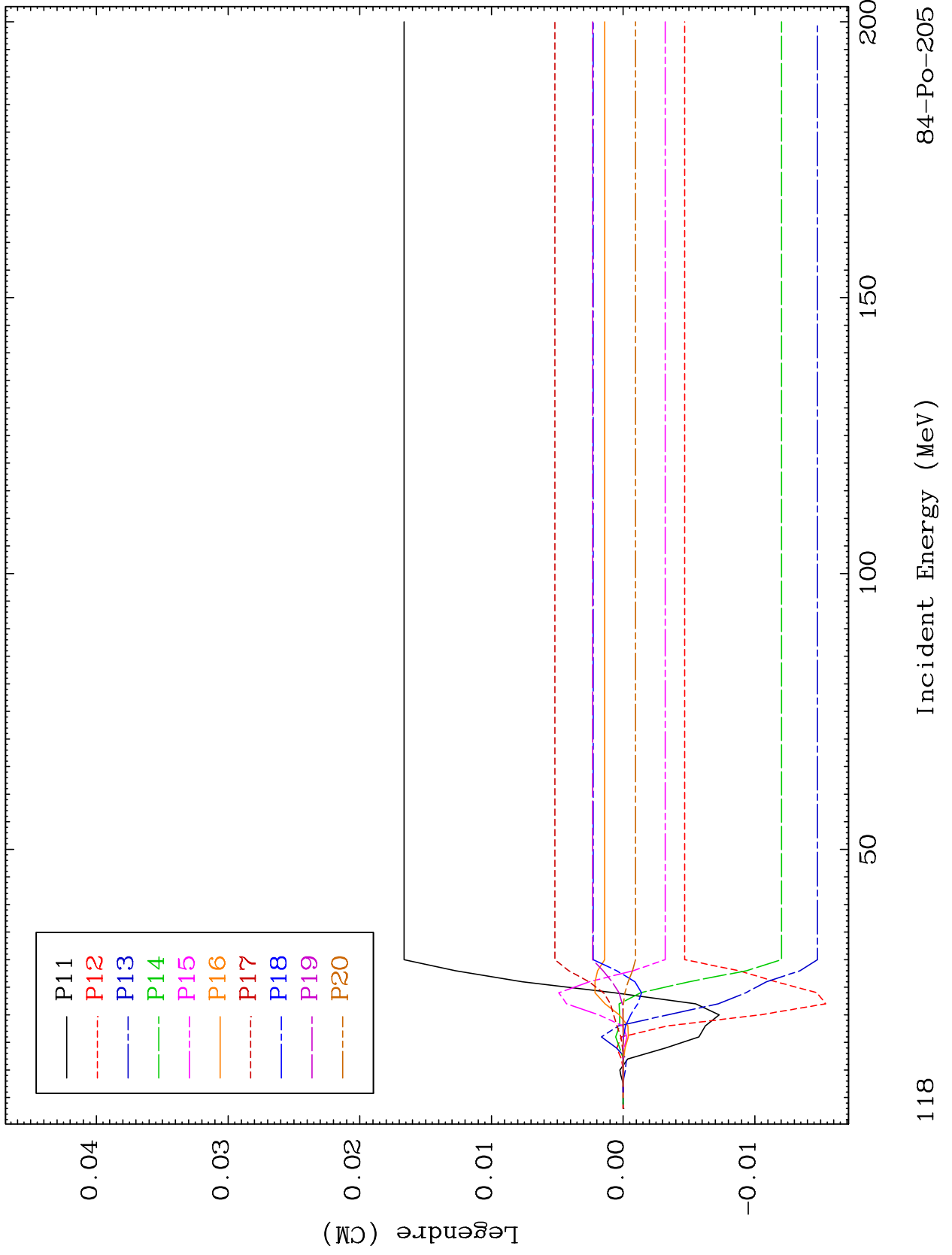
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 75 (n,n') Level  
Legendre Coefficients

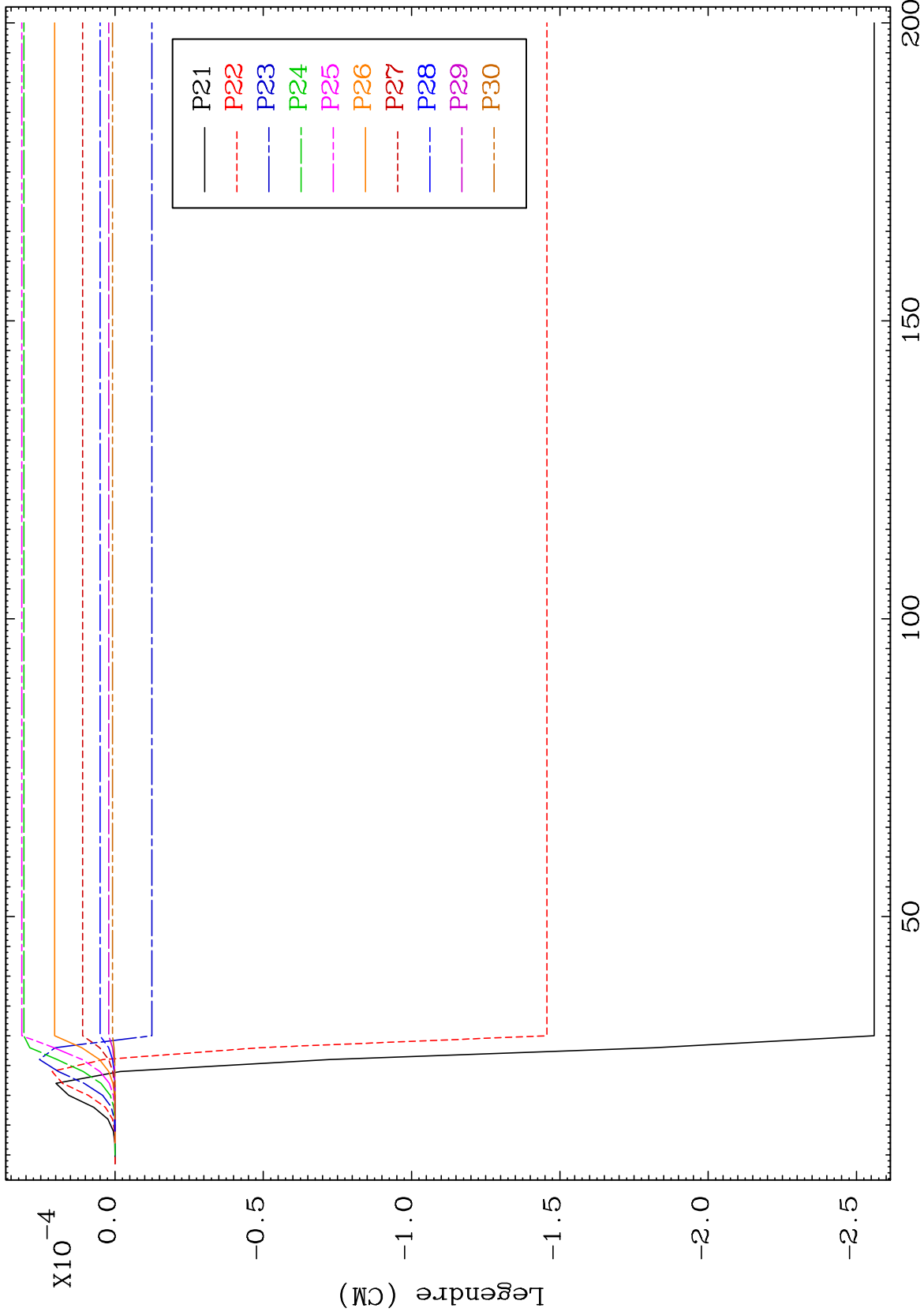
84-Po-205



118

Incident Energy (MeV)

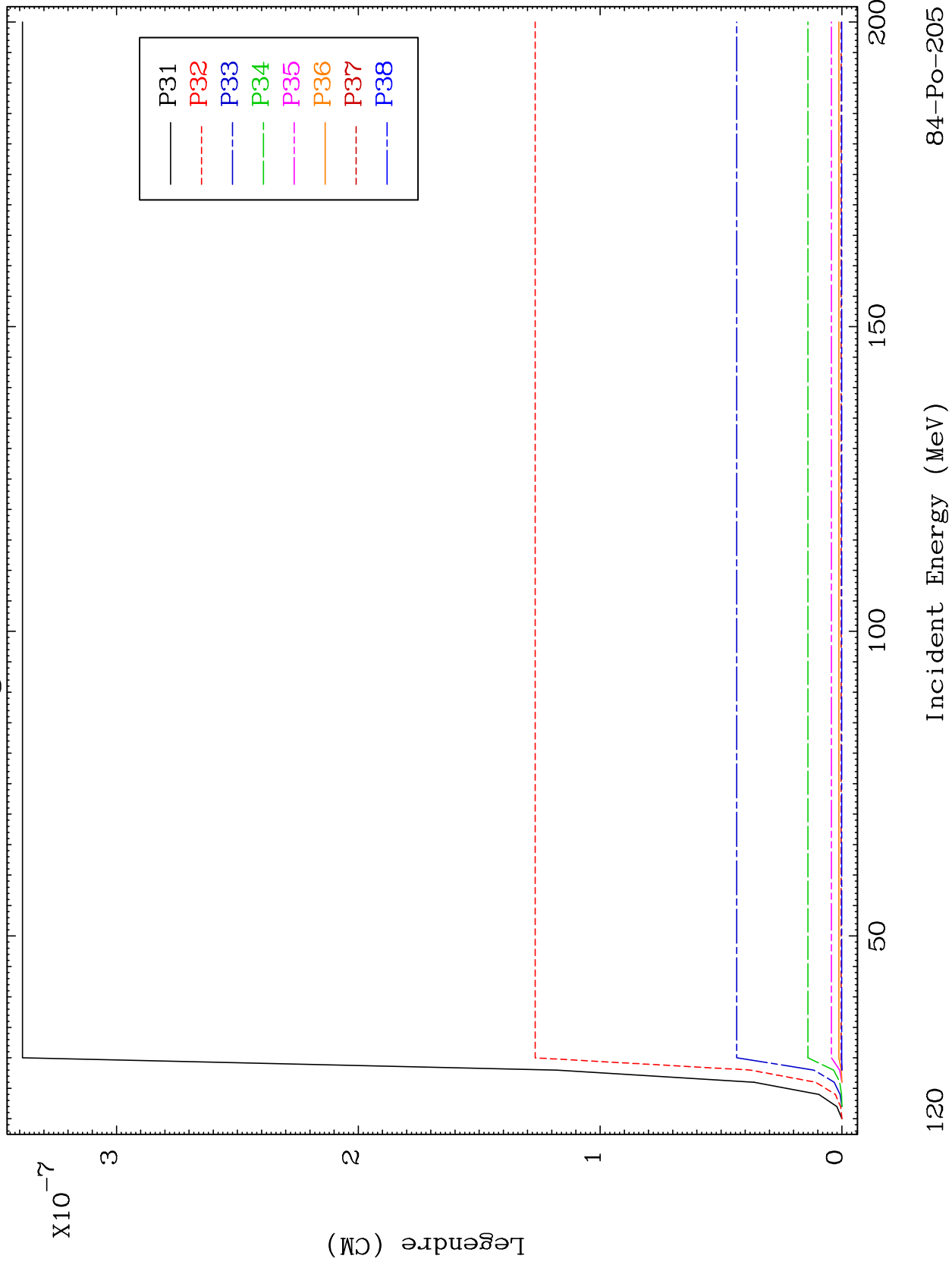
84-Po-205



MAT 8422

MT= 75 (n,n') Level  
Legendre Coefficients

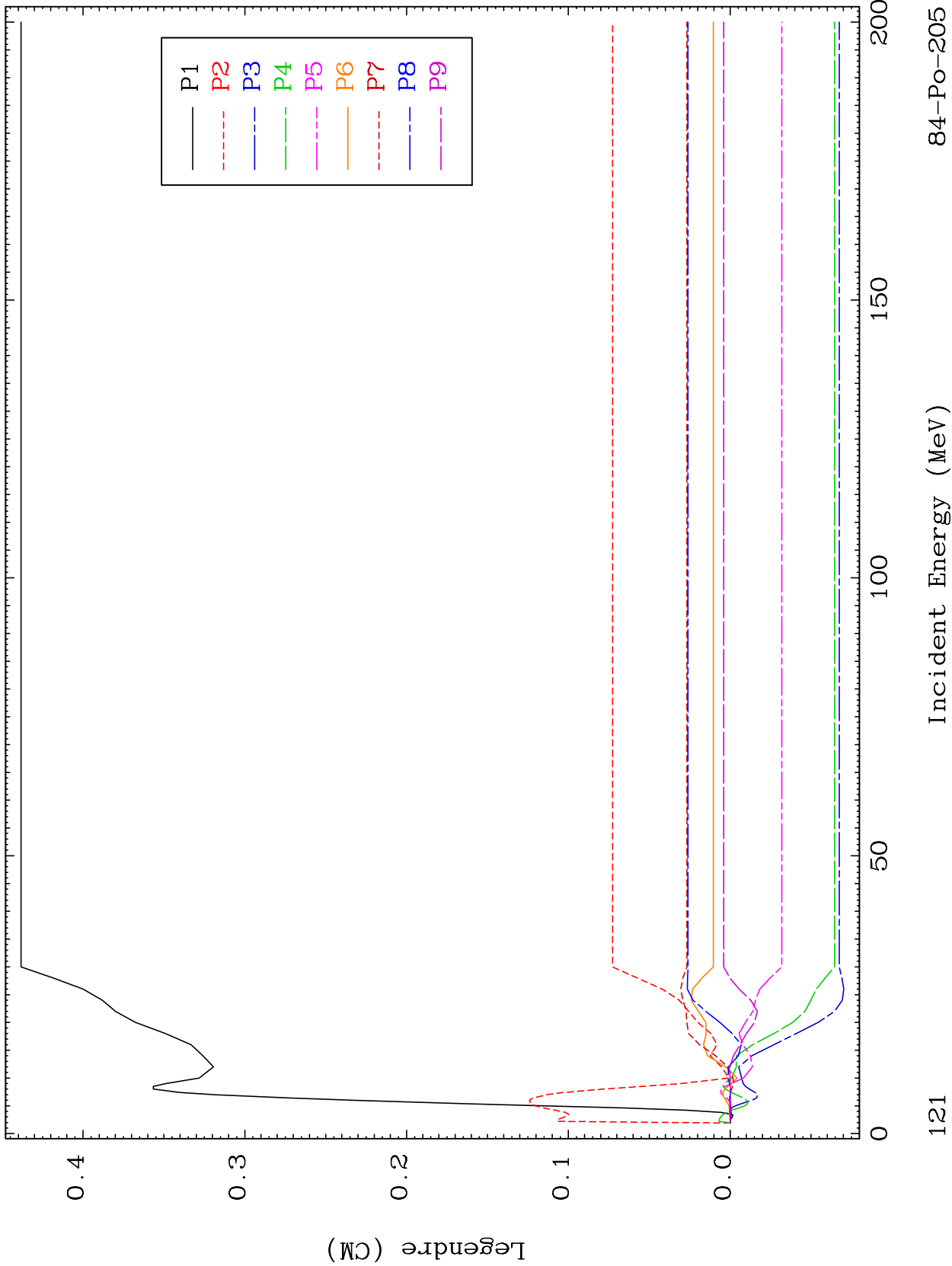
84-Po-205



MAT 8422

MT= 76 (n,n') Level  
Legendre Coefficients

84-Po-205



84-Po-205

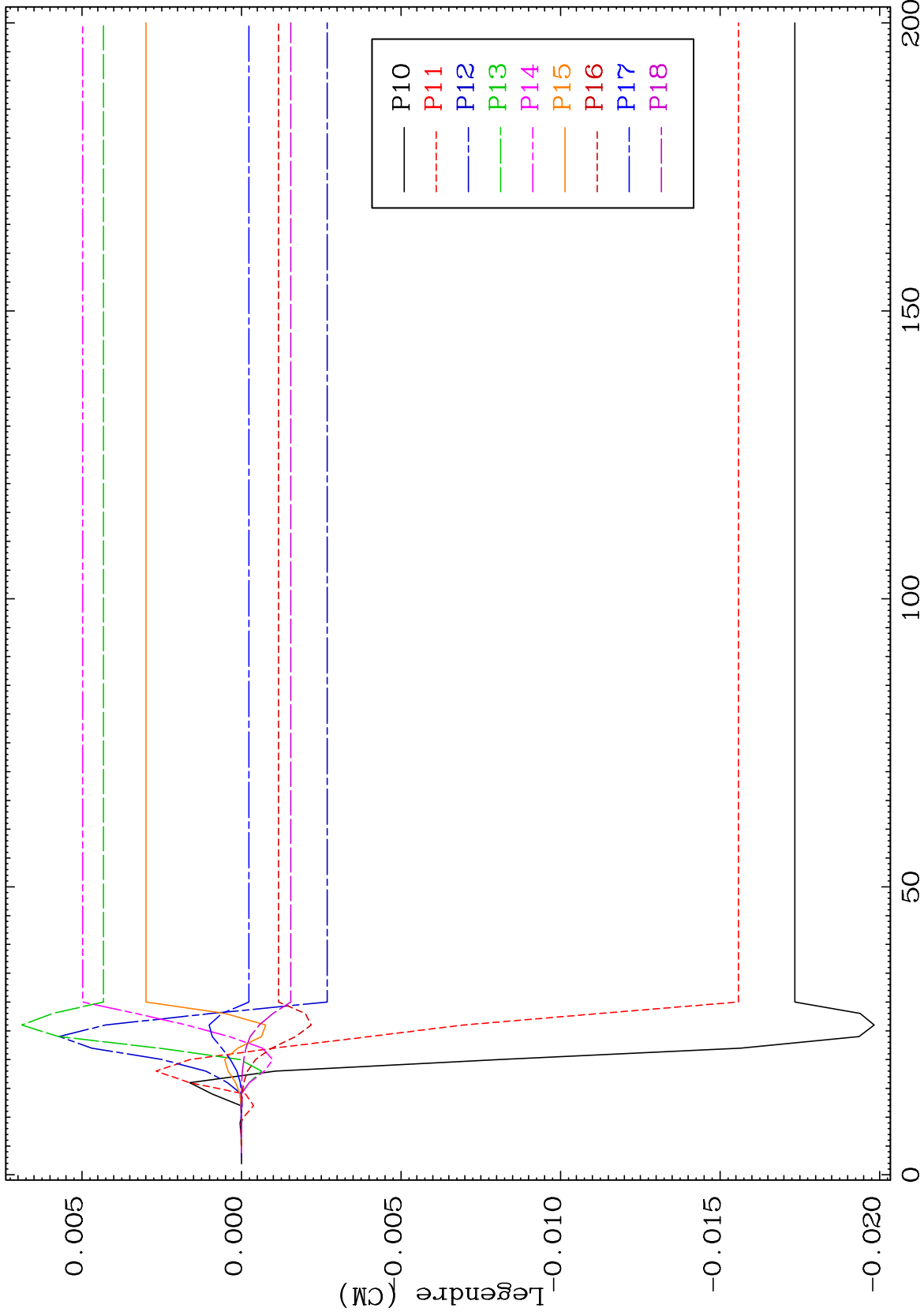
Incident Energy (MeV)

121

MAT 8422

MT= 76 (n,n') Level  
Legendre Coefficients

84-Po-205



122

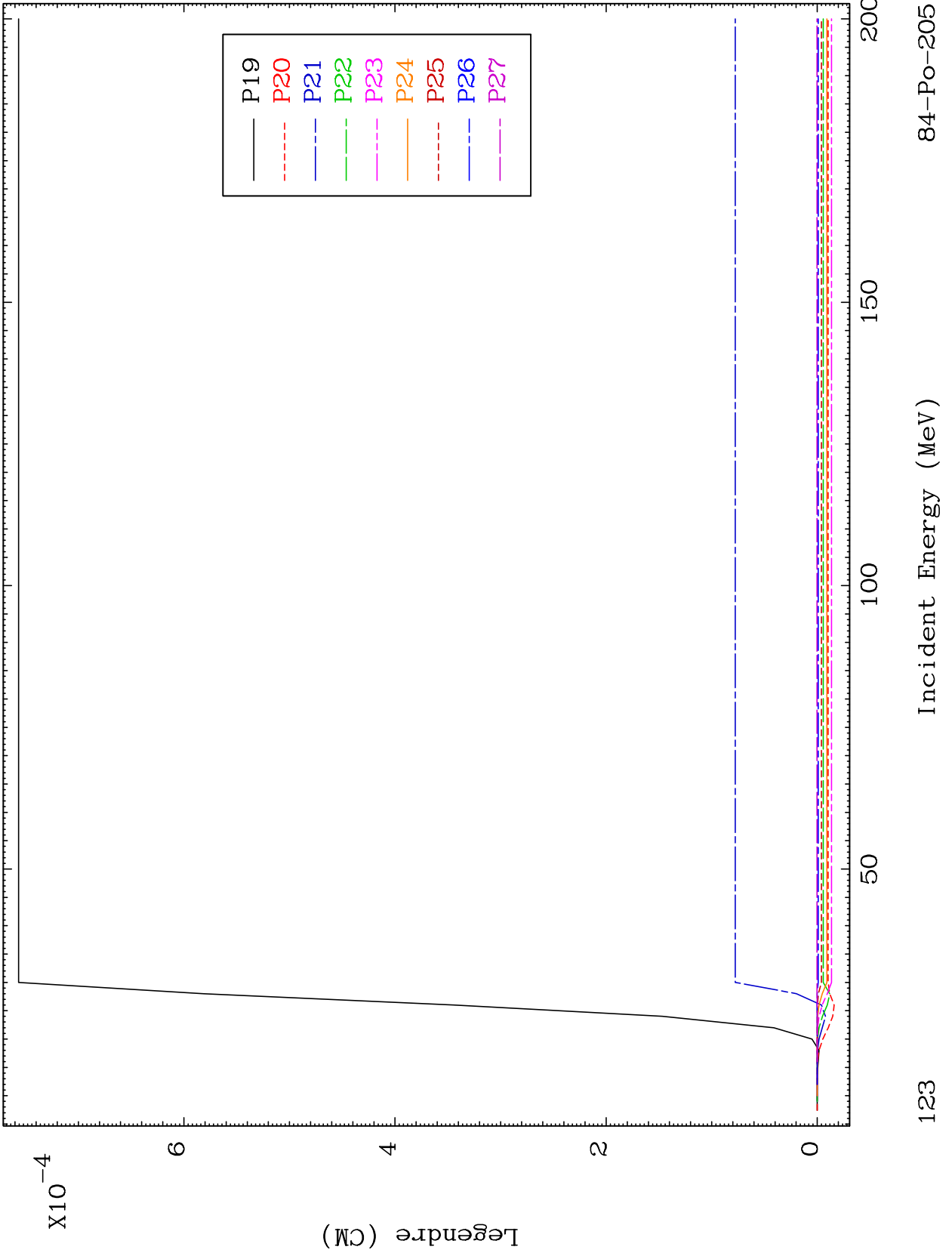
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 76 (n,n') Level  
Legendre Coefficients

84-Po-205



123

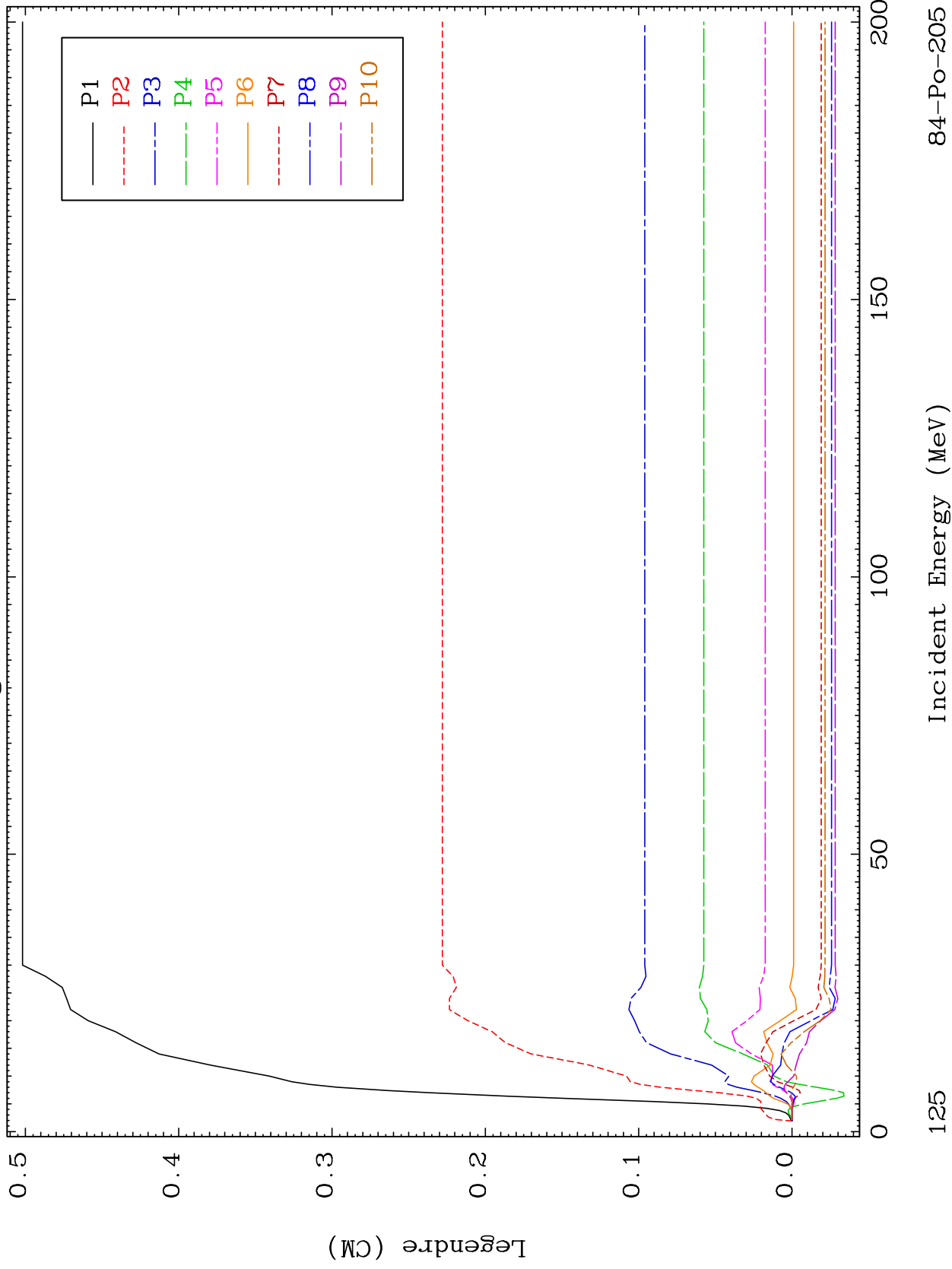


MAT 8422

MT= 77 (n,n') Level

84-Po-205

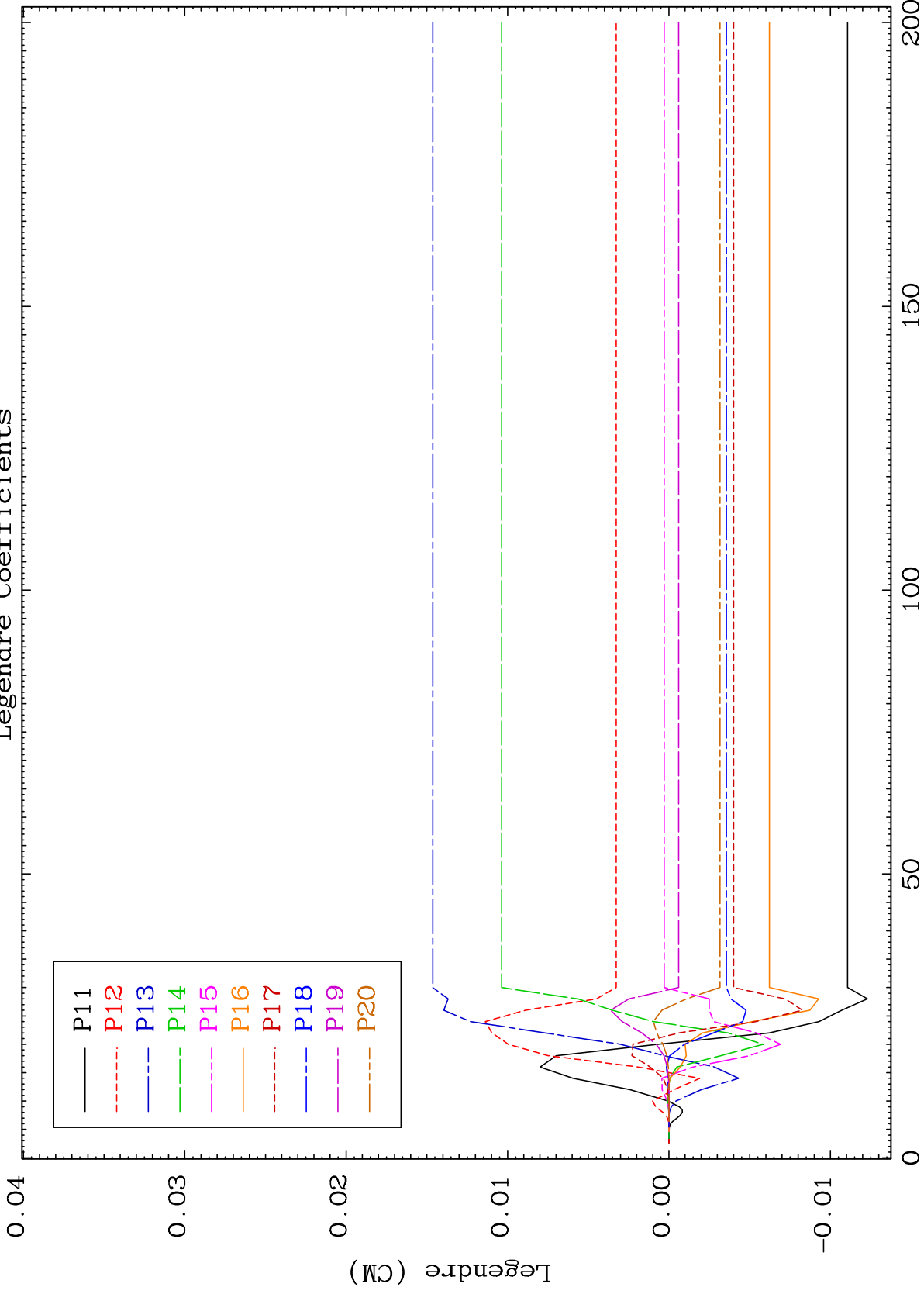
Legendre Coefficients



MAT 8422

MT= 77 (n,n') Level  
Legendre Coefficients

84-Po-205



126

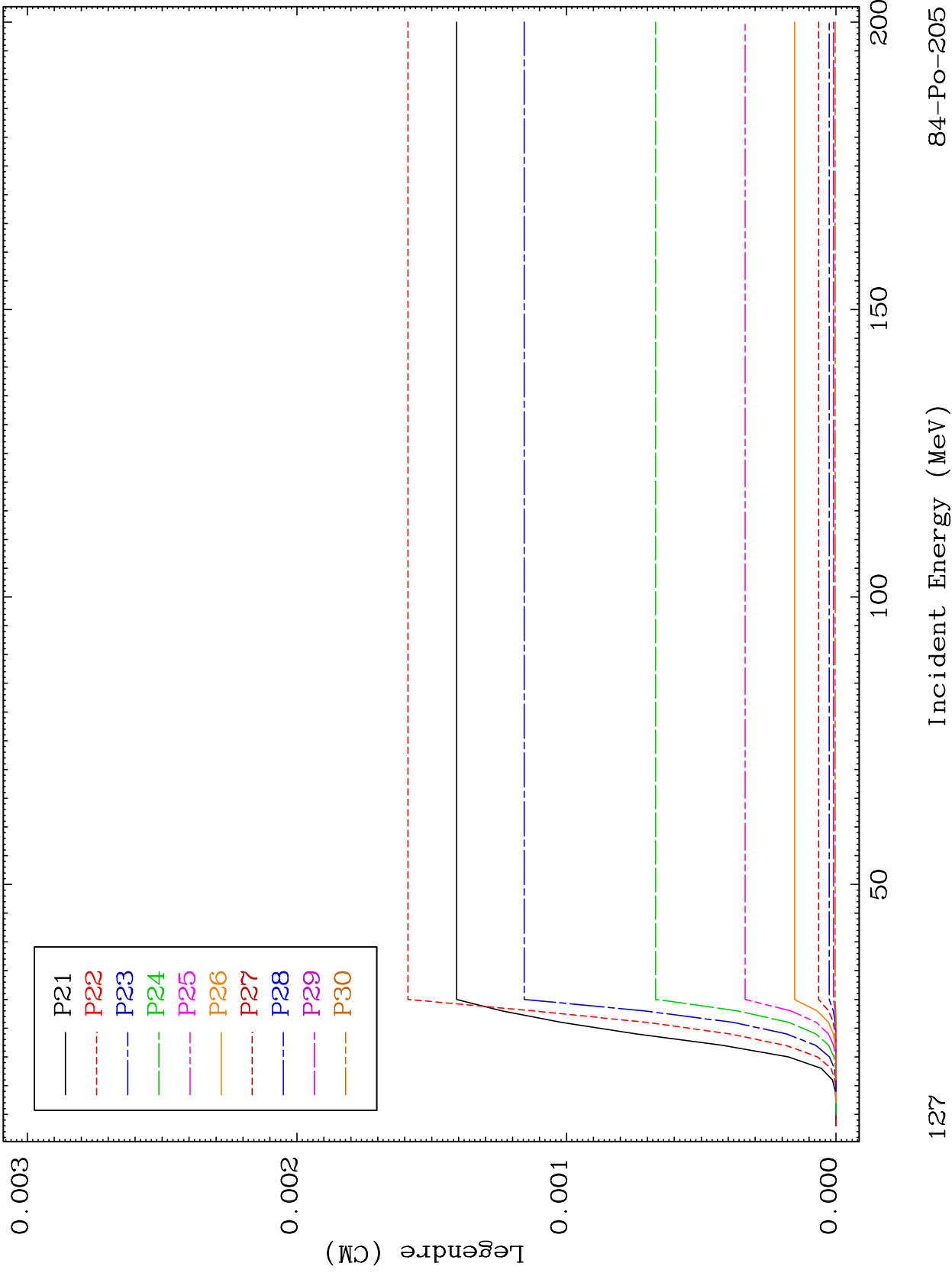
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 77 (n,n') Level  
Legendre Coefficients

84-Po-205



127

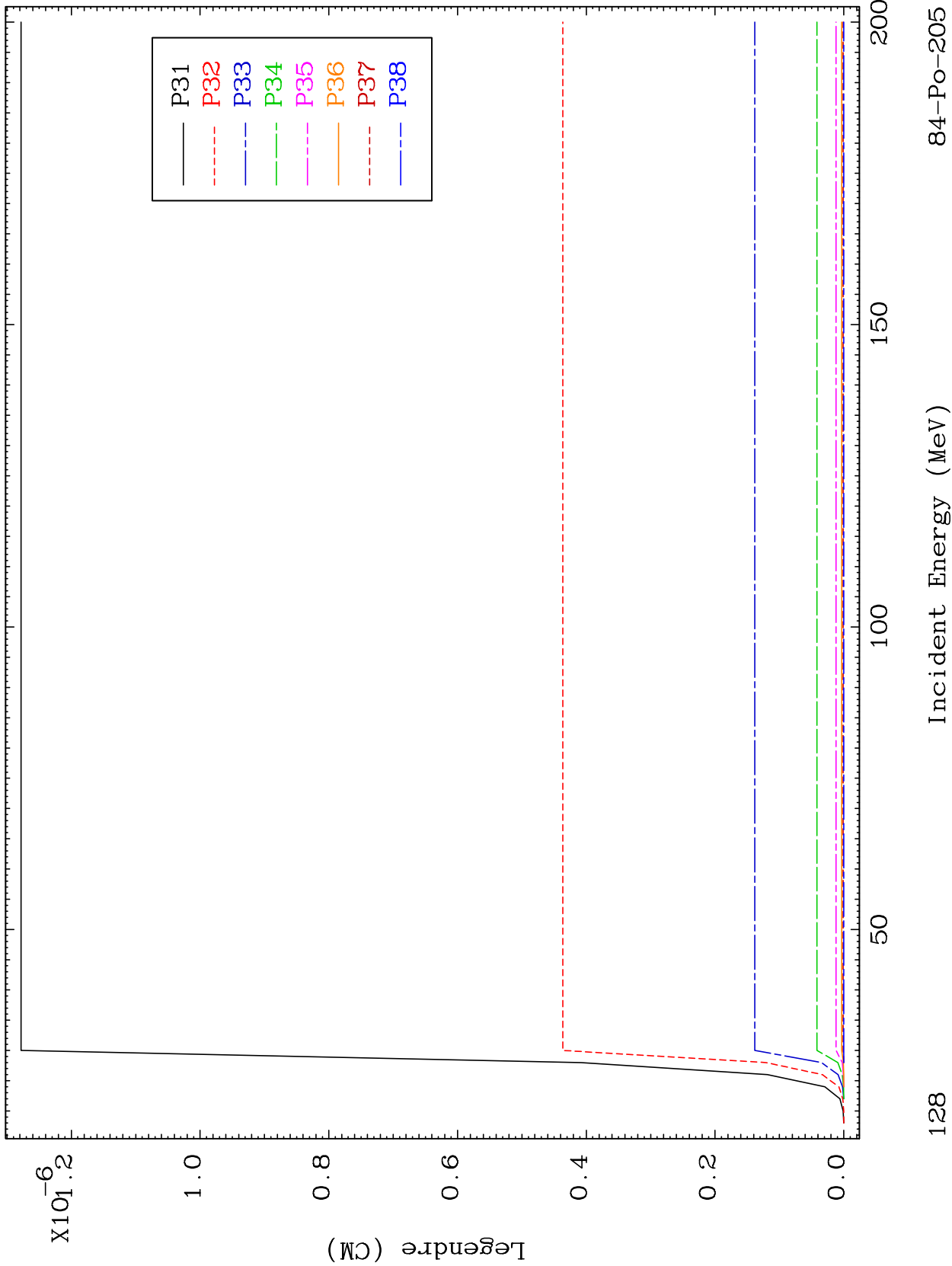
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 77 (n,n') Level  
Legendre Coefficients

84-Po-205



128

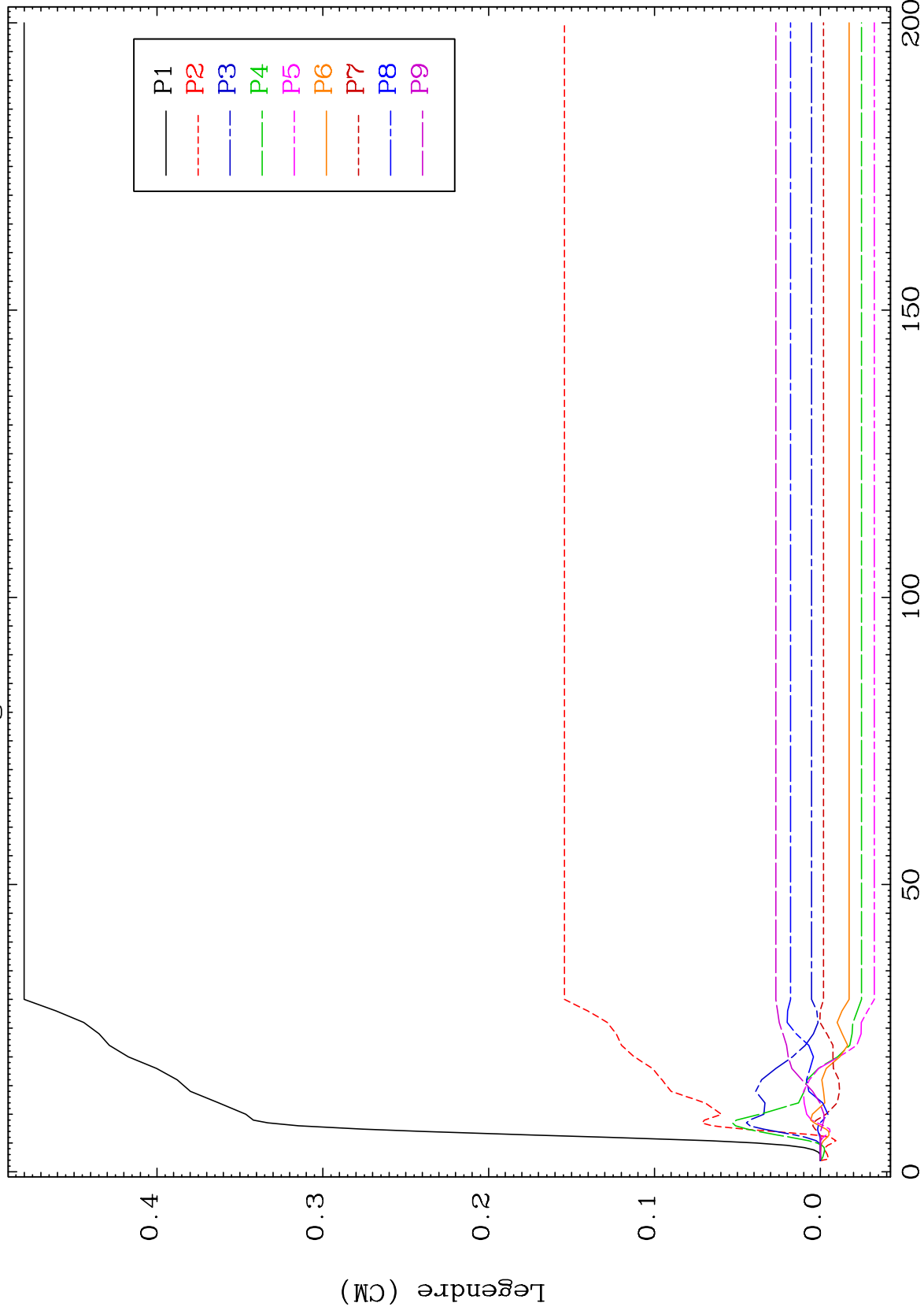
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 78 (n,n') Level  
Legendre Coefficients

84-Po-205



129

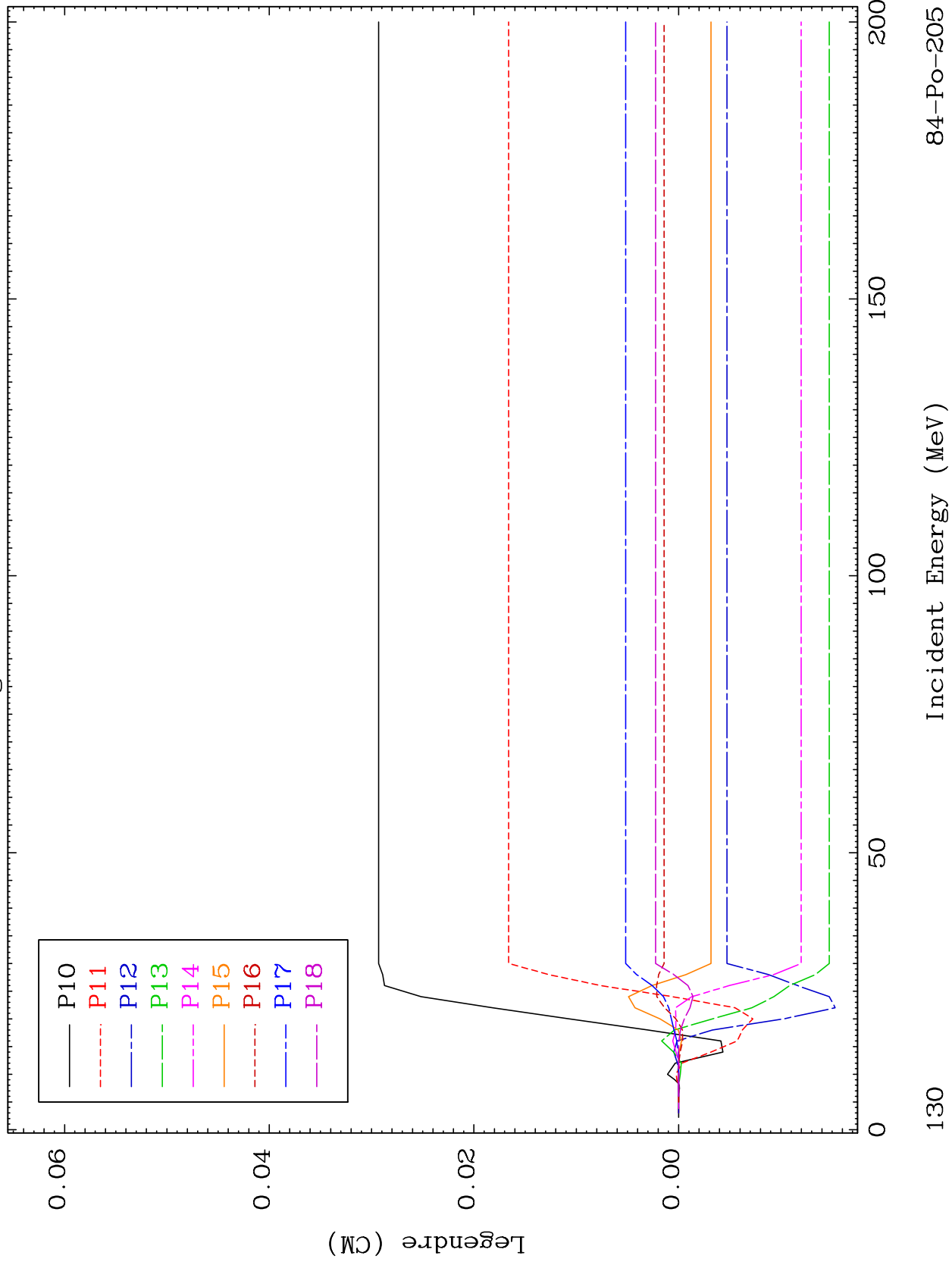
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 78 (n,n') Level  
Legendre Coefficients

84-Po-205



130

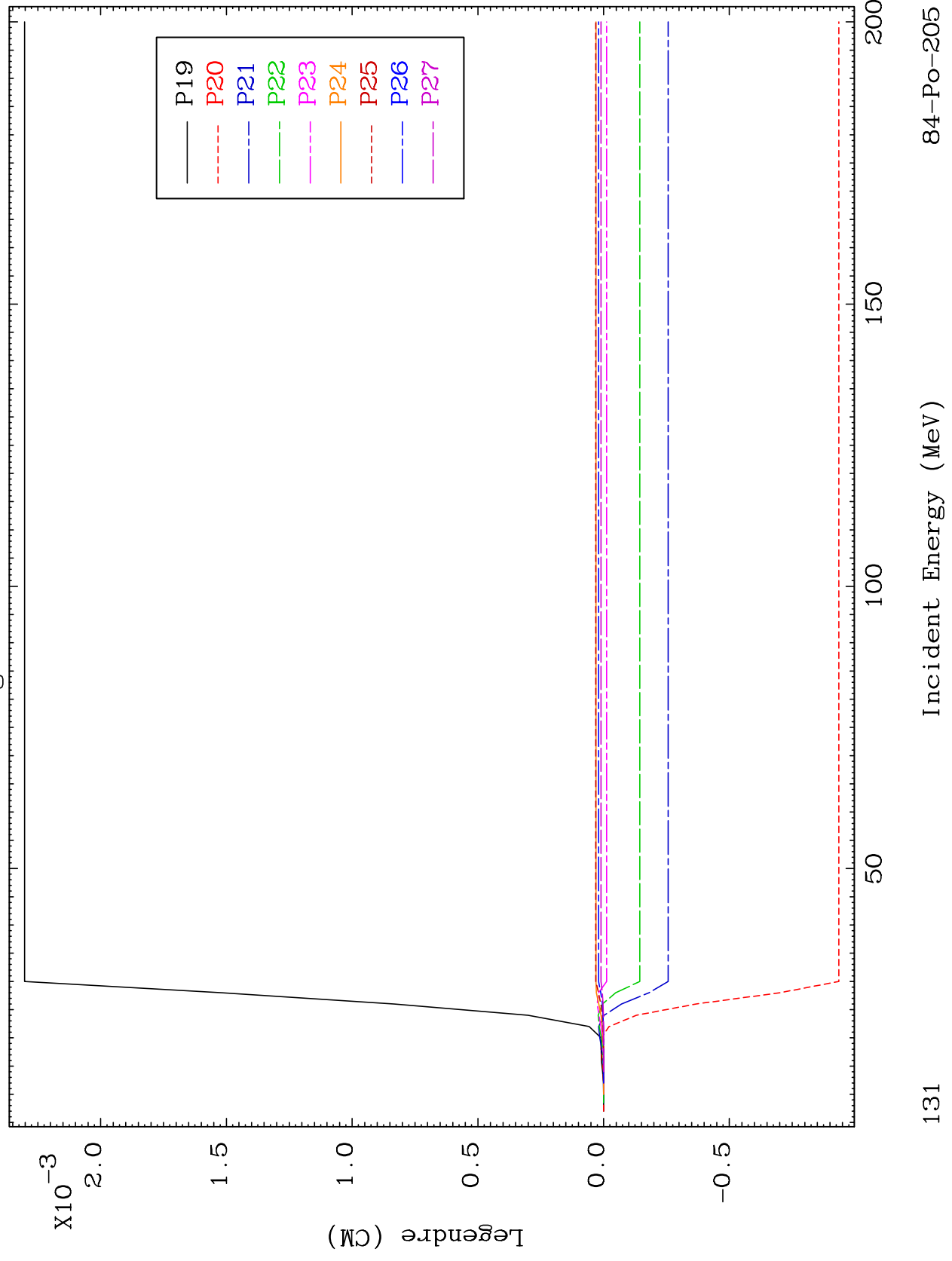
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 78 (n,n') Level  
Legendre Coefficients

84-Po-205



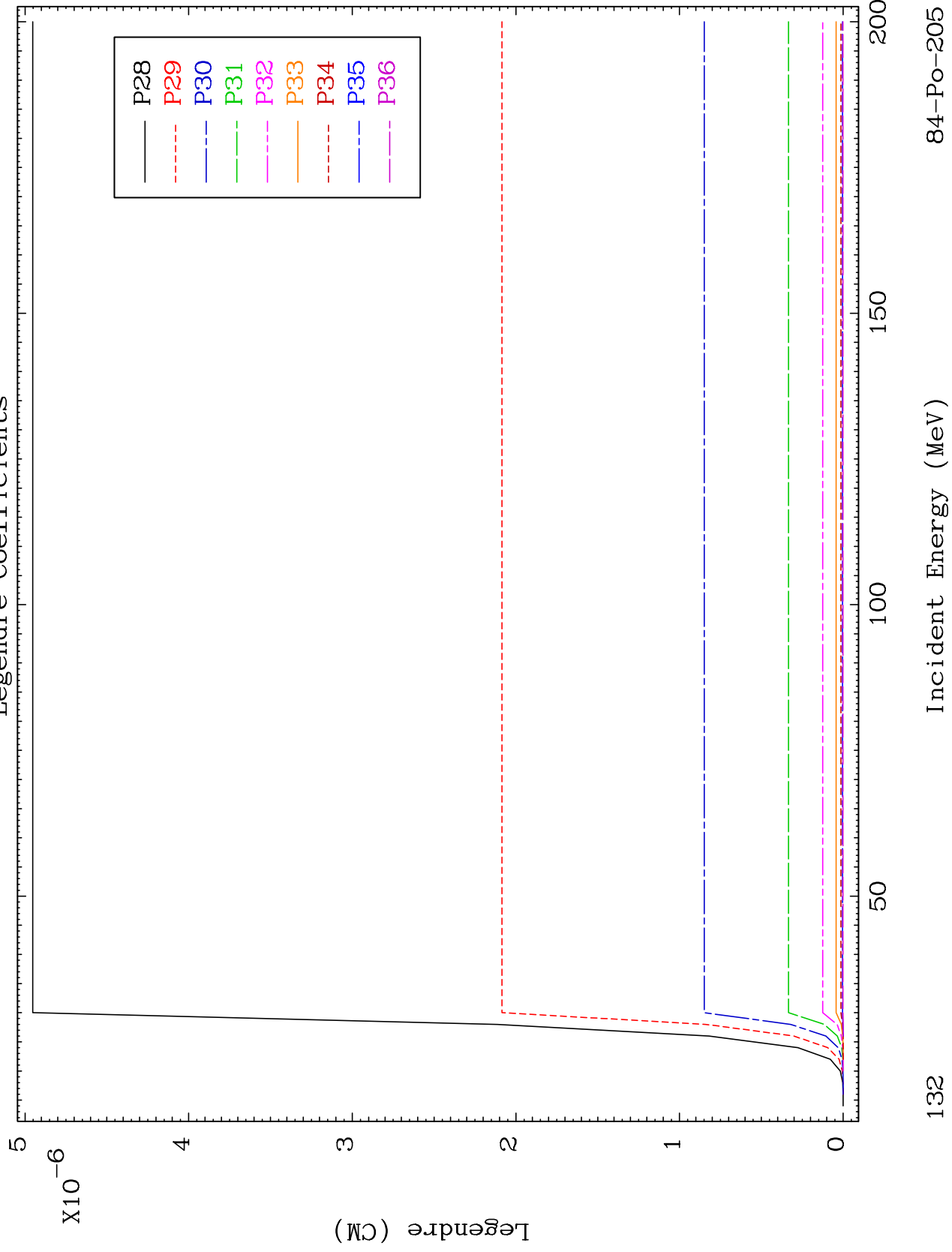
131

84-Po-205

MAT 8422

MT= 78 (n,n') Level  
Legendre Coefficients

84-Po-205

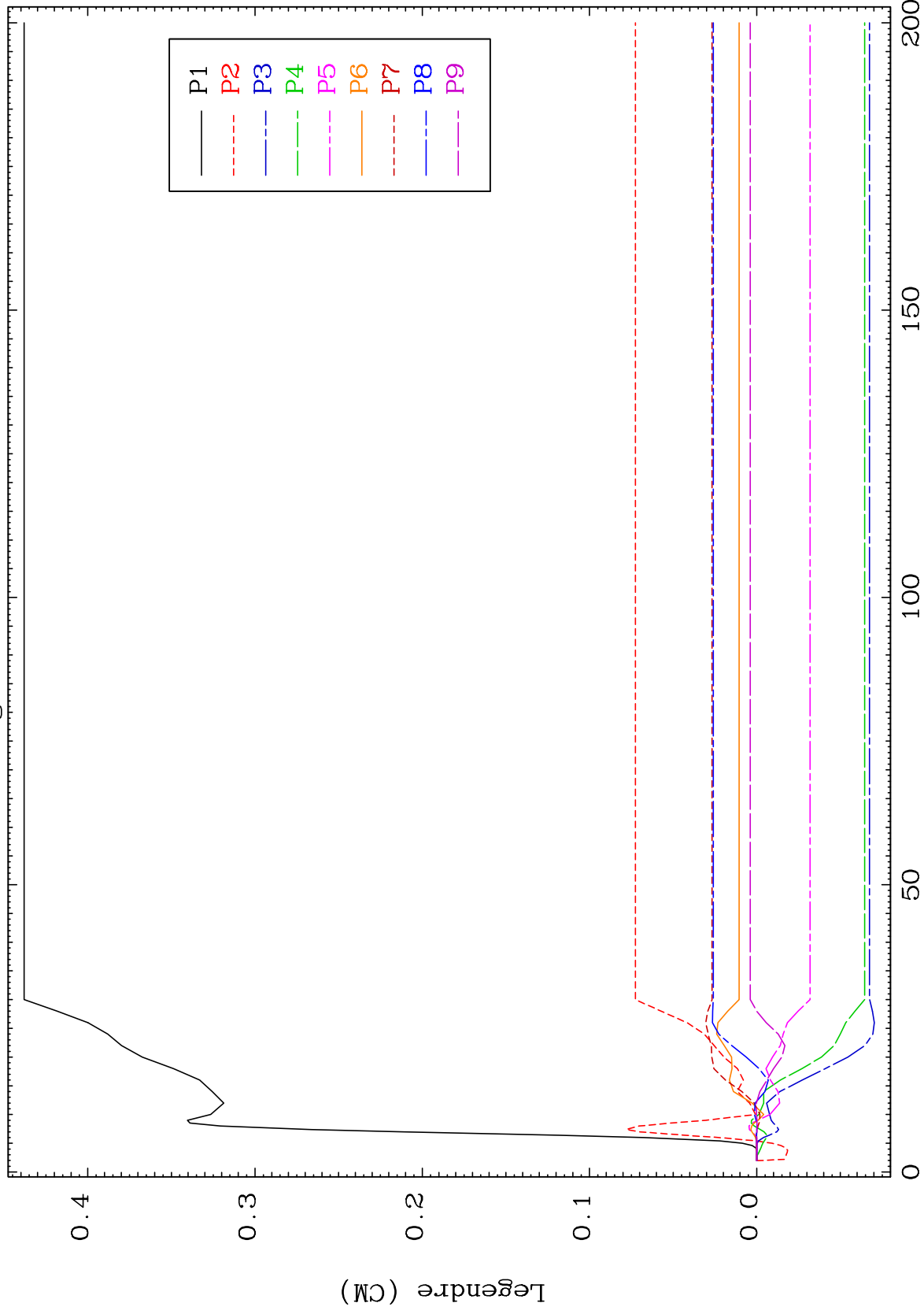


132

MAT 8422

MT= 79 (n,n') Level  
Legendre Coefficients

84-Po-205



133

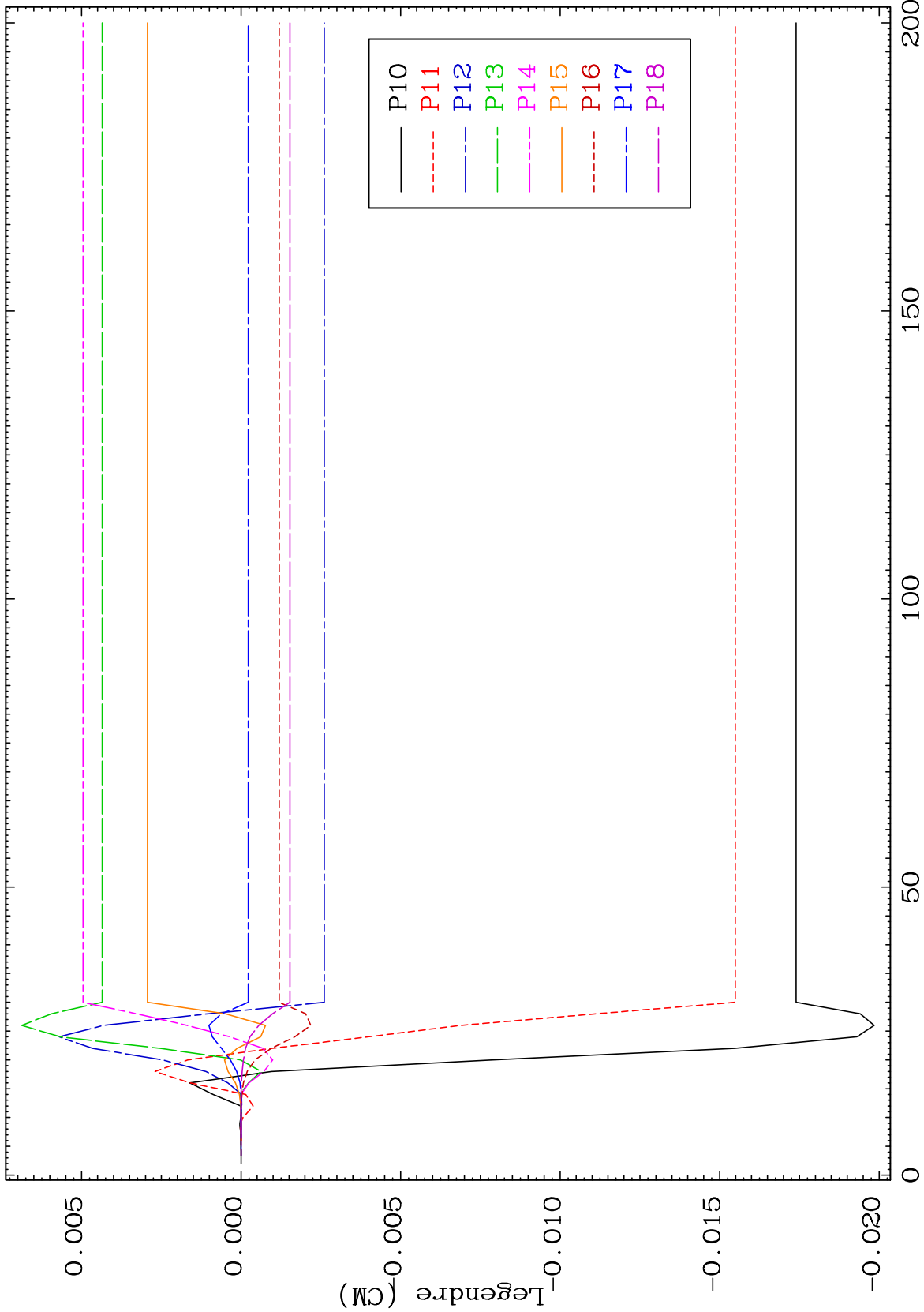
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 79 (n,n') Level  
Legendre Coefficients

84-Po-205



134

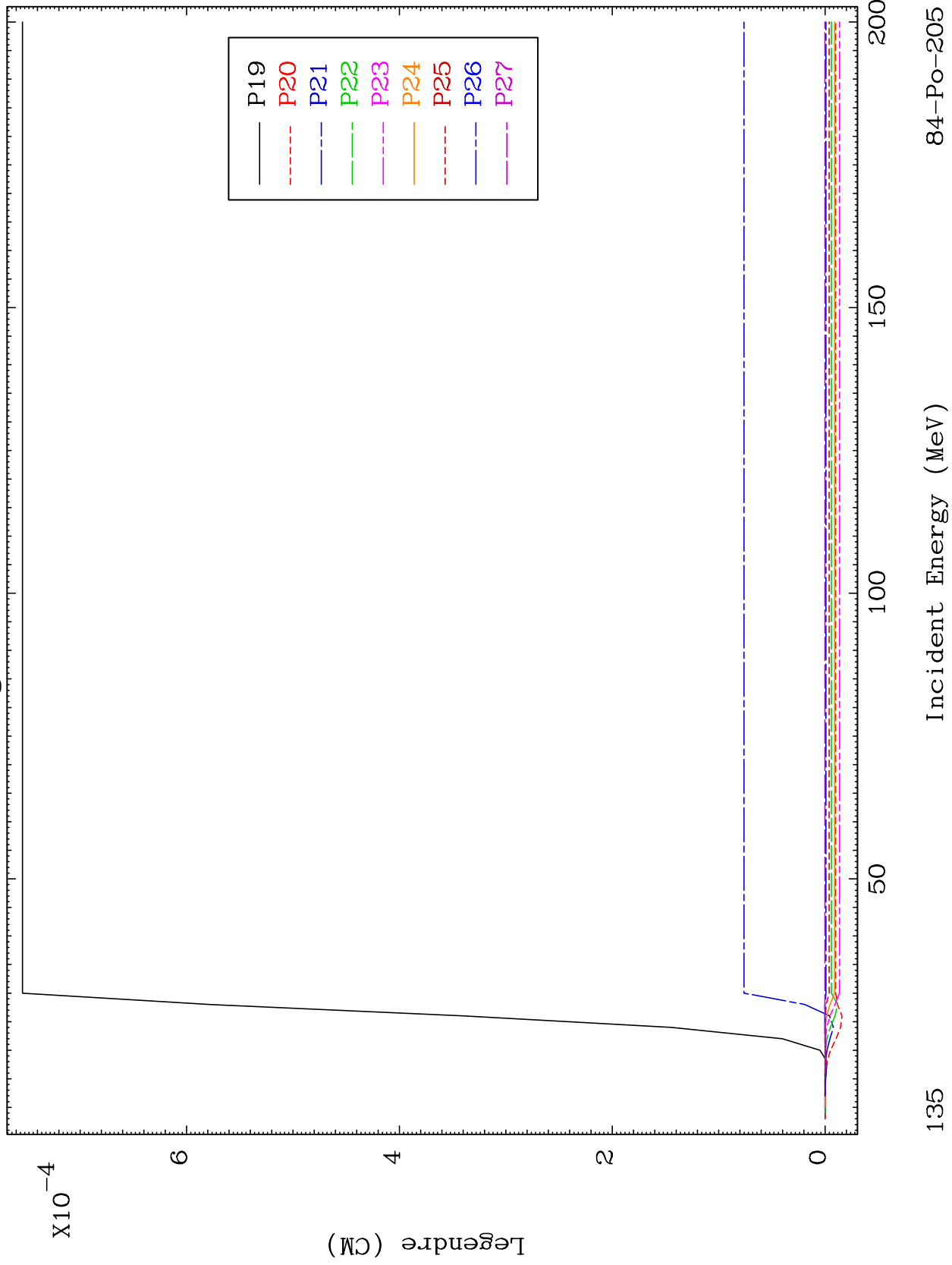
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 79 (n,n') Level  
Legendre Coefficients

84-Po-205



135

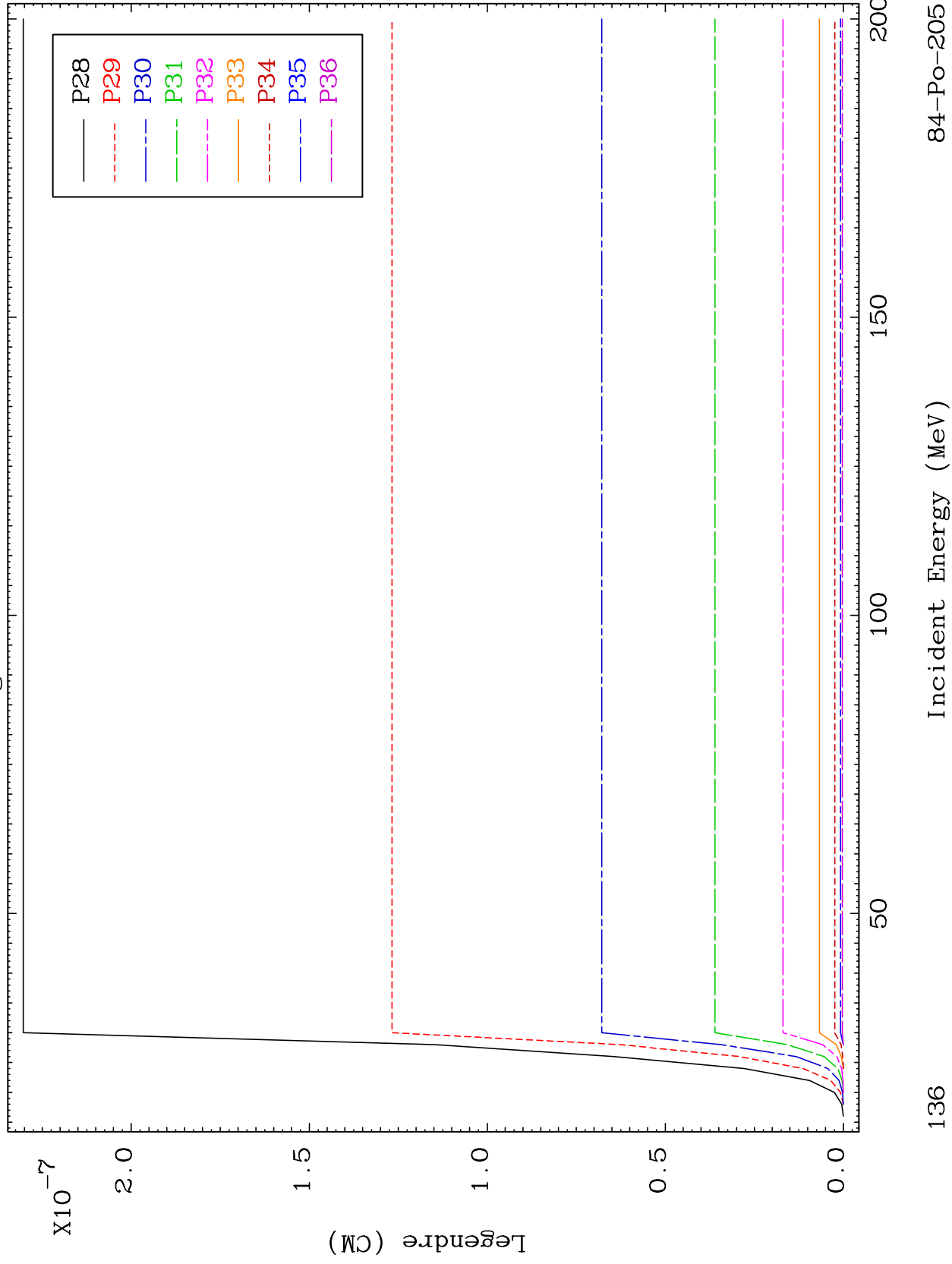
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 79 (n,n') Level  
Legendre Coefficients

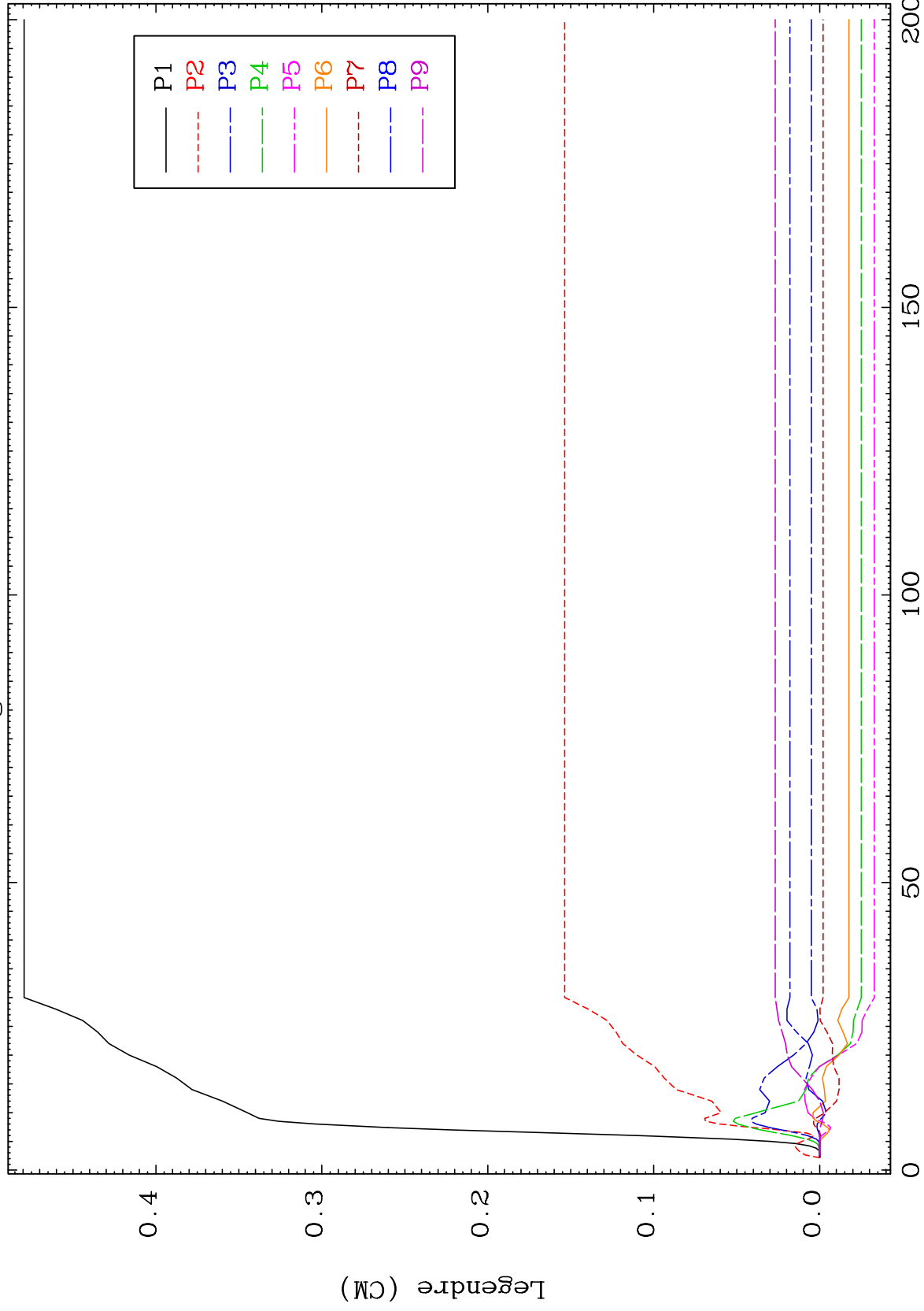
84-Po-205



MAT 8422

MT= 80 (n,n') Level  
Legendre Coefficients

84-Po-205



137

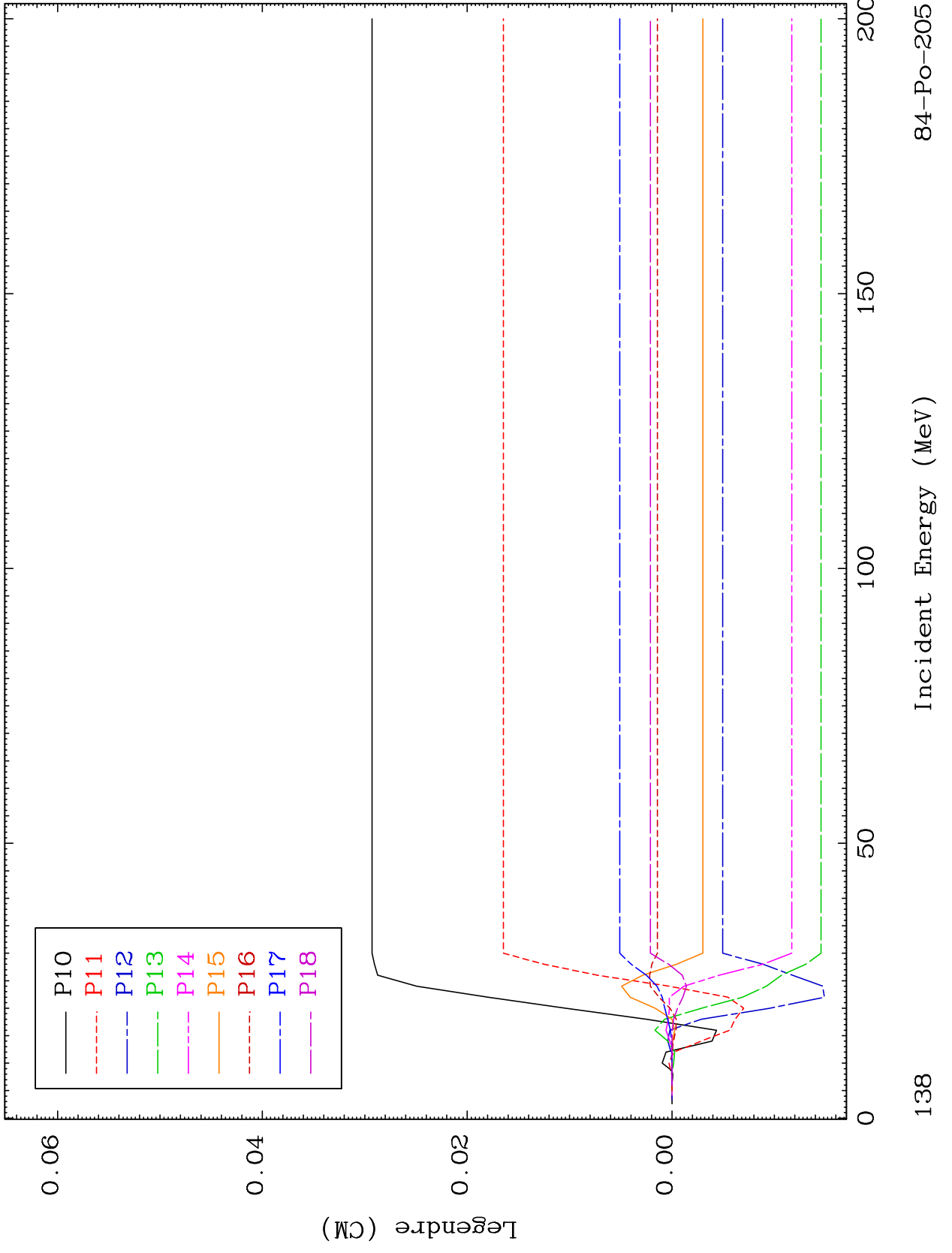
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 80 (n,n') Level  
Legendre Coefficients

84-Po-205



138

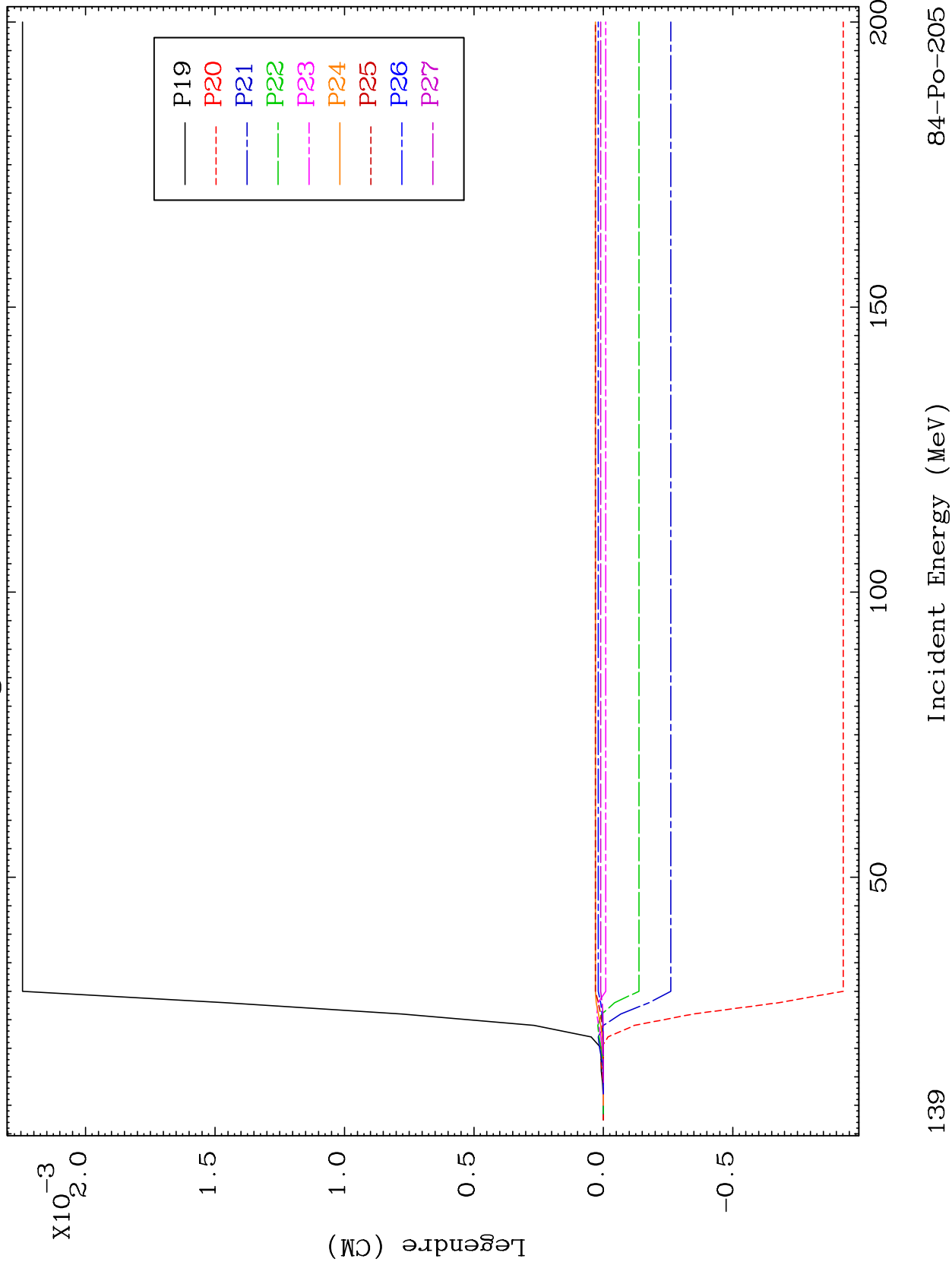
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 80 (n,n') Level  
Legendre Coefficients

84-Po-205



139

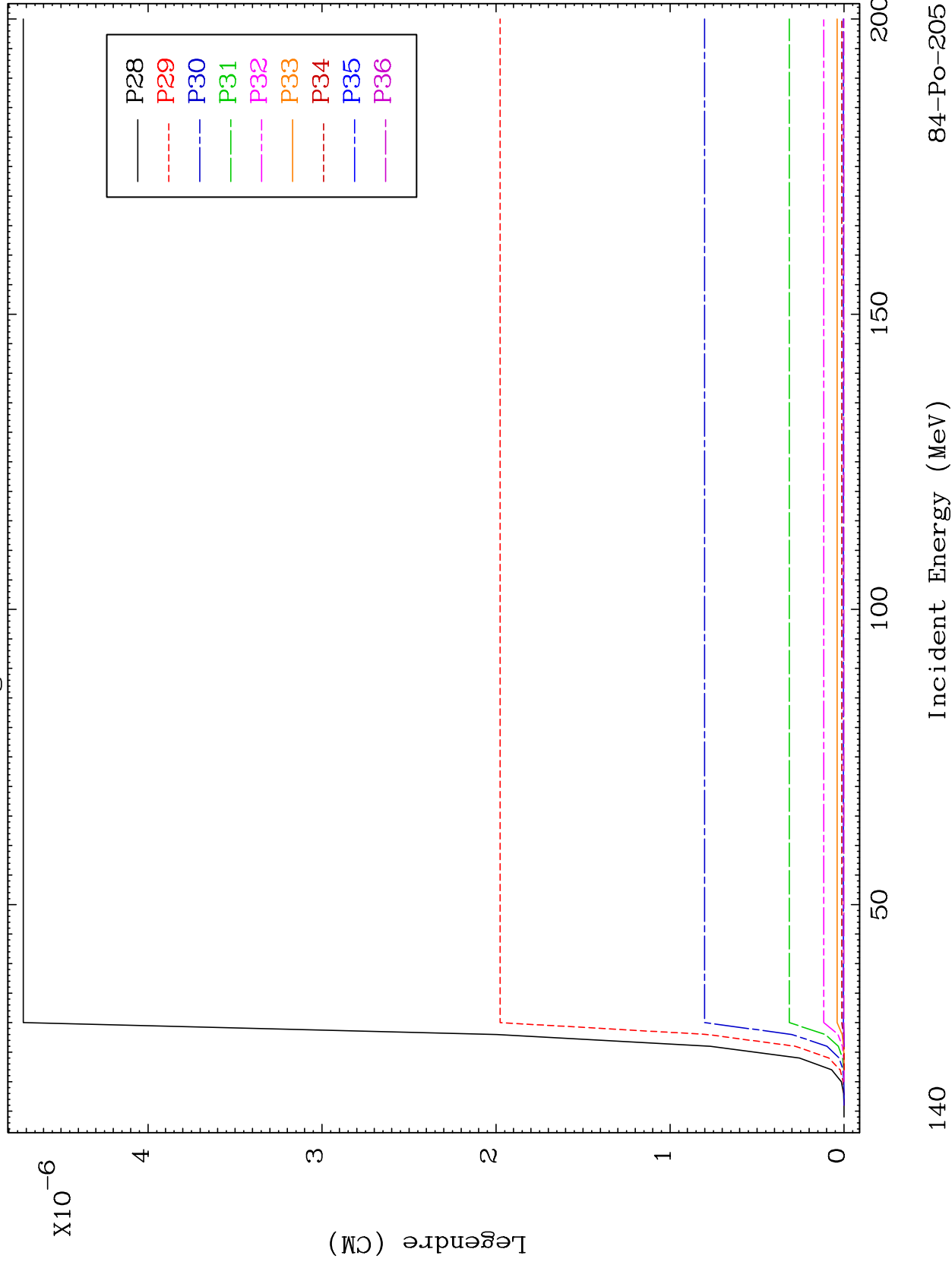
Incident Energy (MeV)

84-Po-205

MAT 8422

MT= 80 (n,n') Level  
Legendre Coefficients

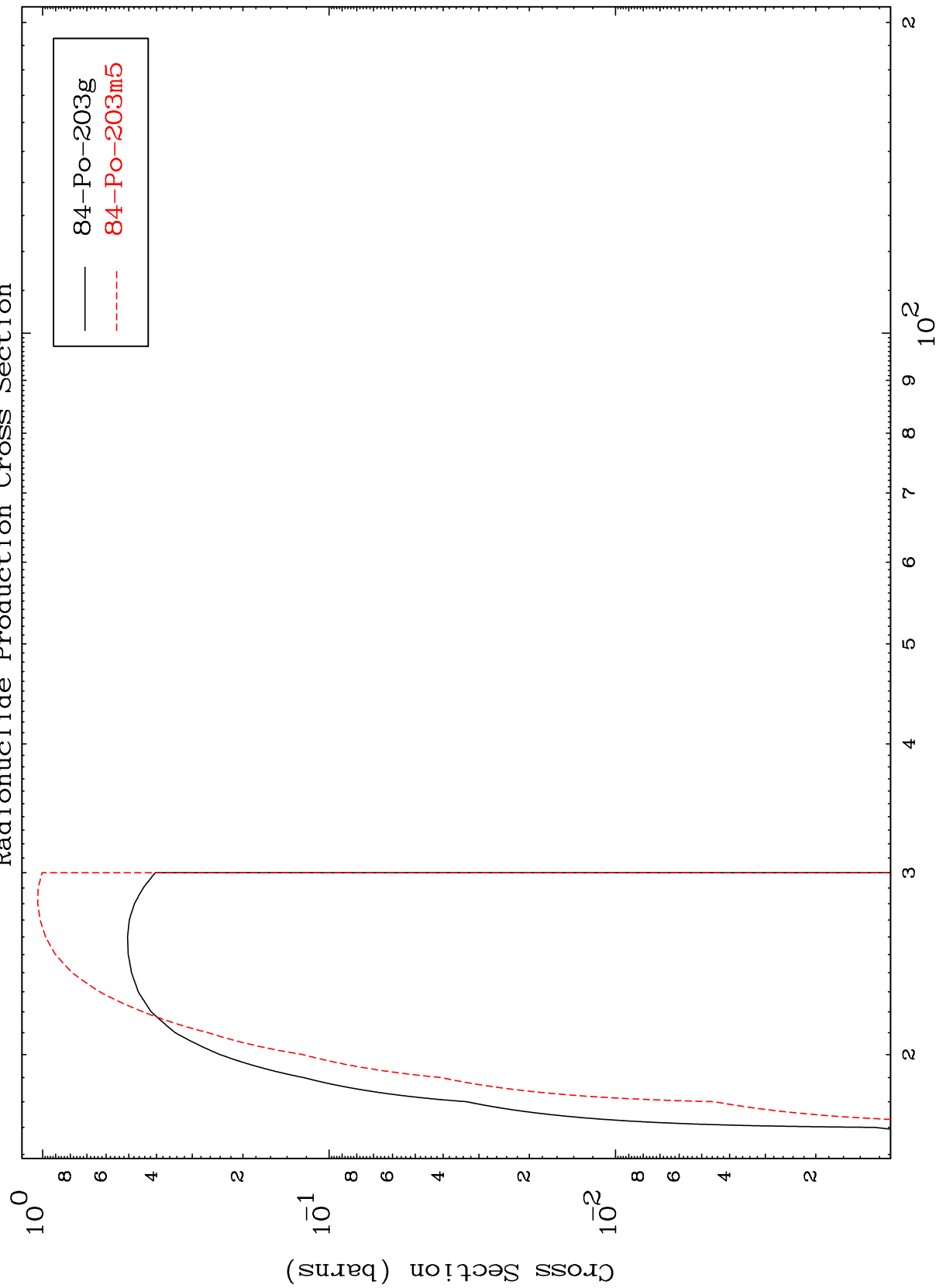
84-Po-205



MAT 8422

84-Po-205

(n,3n)  
Radionuclide Production Cross Section



141

Incident Energy (MeV)

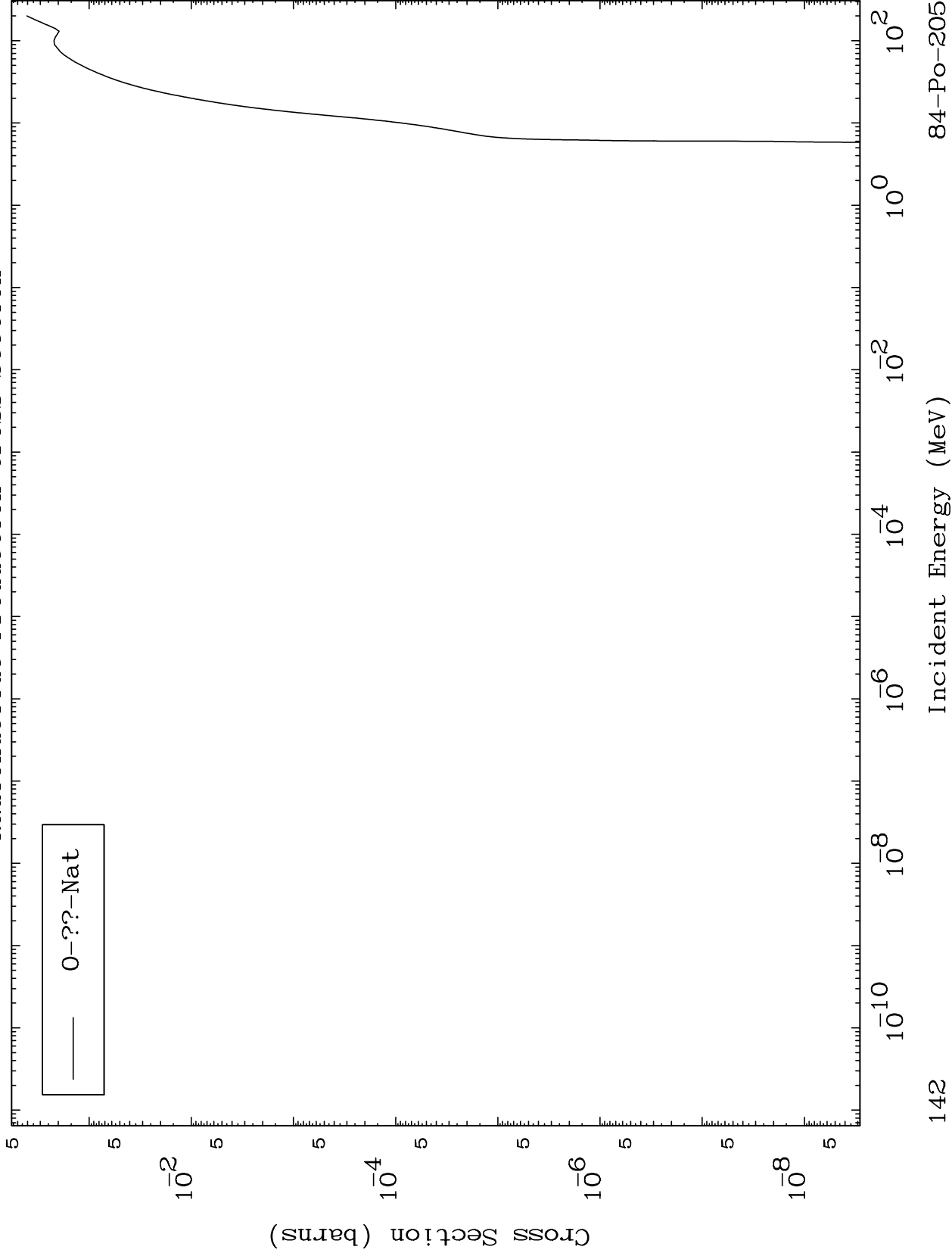
84-Po-205

MAT 8422

Fission

84-Po-205

Radionuclide Production Cross Section



142

Incident Energy (MeV)

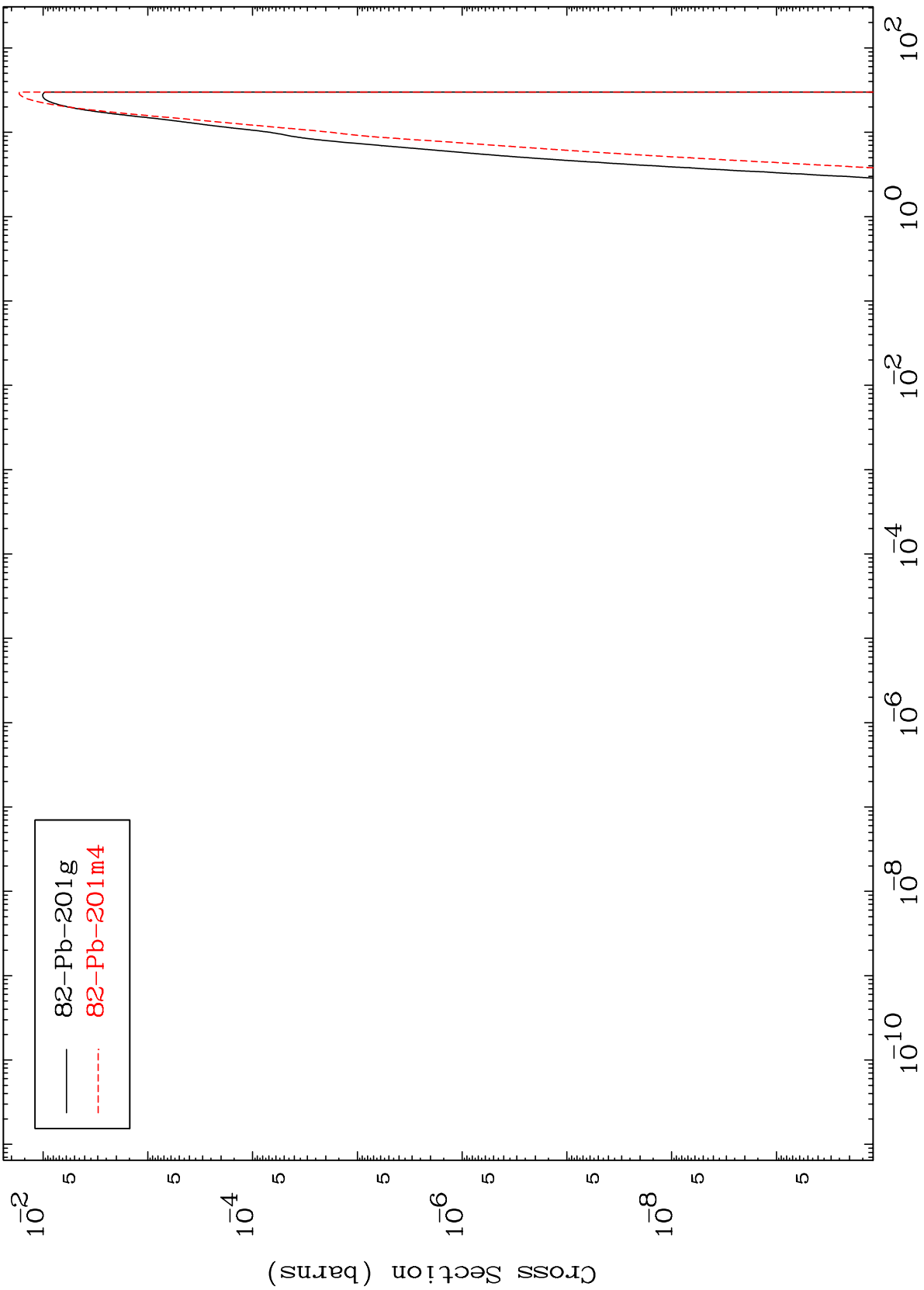
84-Po-205

MAT 8422

(n,n')  $\alpha$

84-Po-205

Radionuclide Production Cross Section

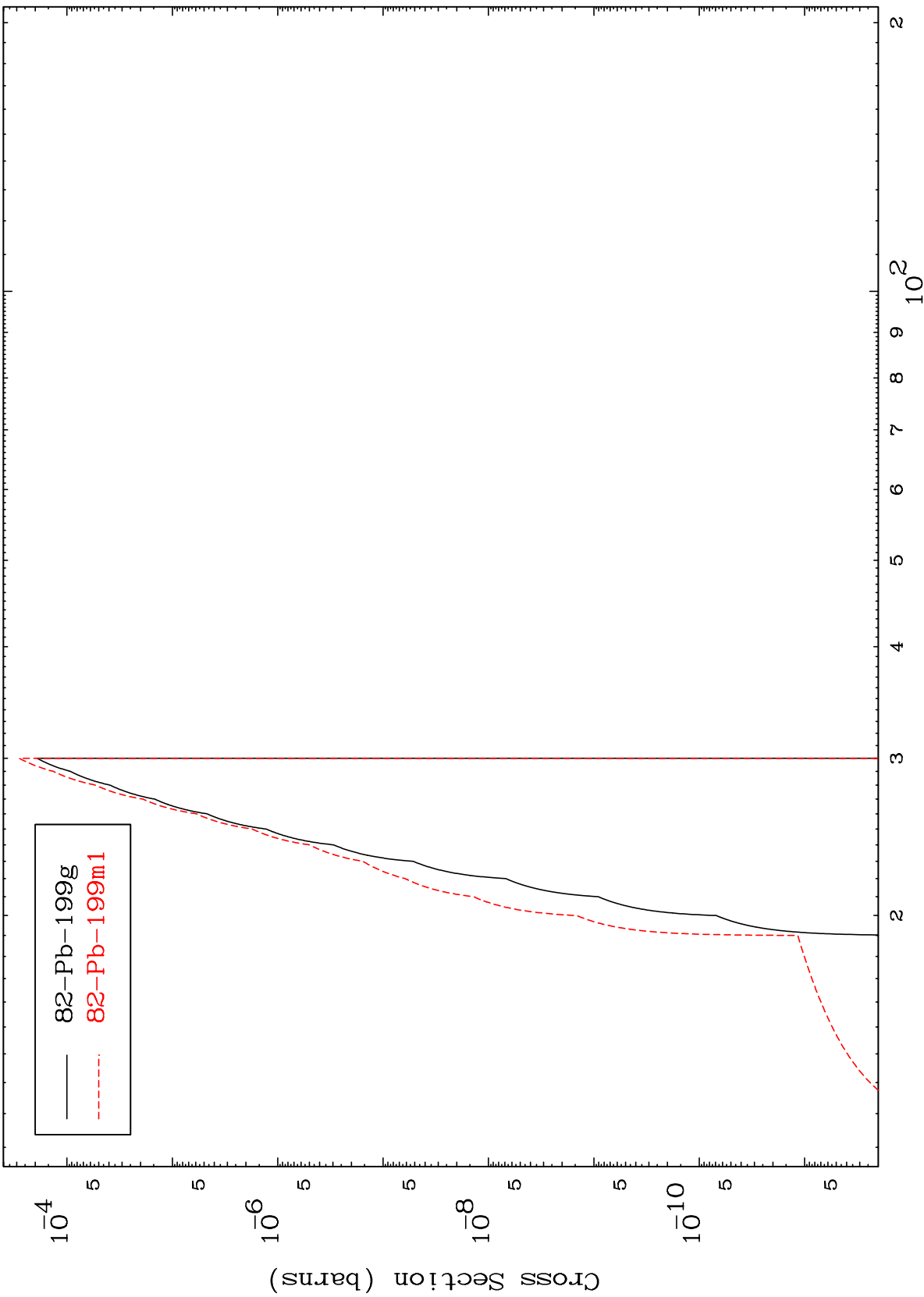


MAT 8422

(n,3n)  $\alpha$

84-Po-205

Radionuclide Production Cross Section



144

Incident Energy (MeV)

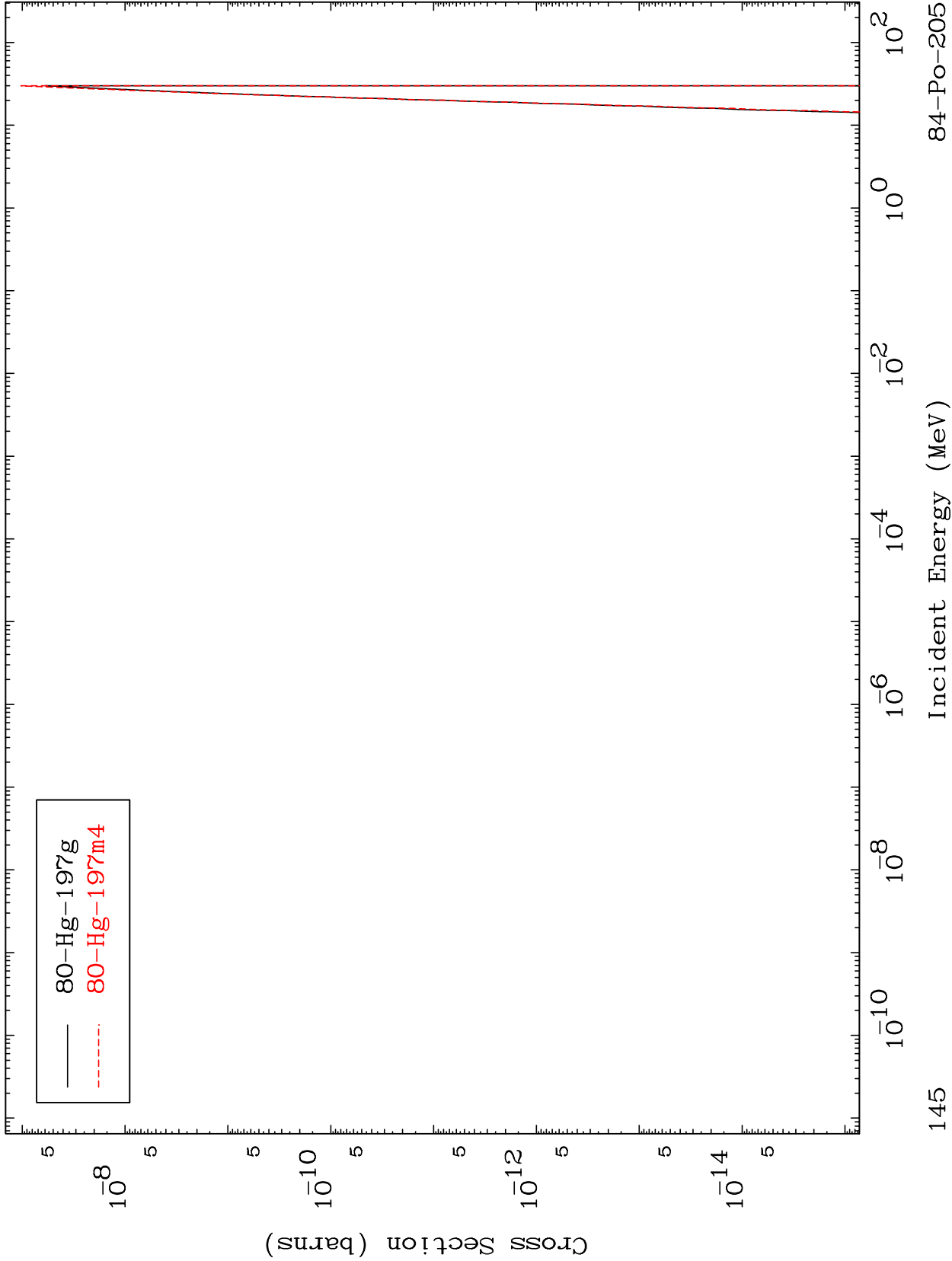
84-Po-205

MAT 8422

(n,n') 2α

84-Po-205

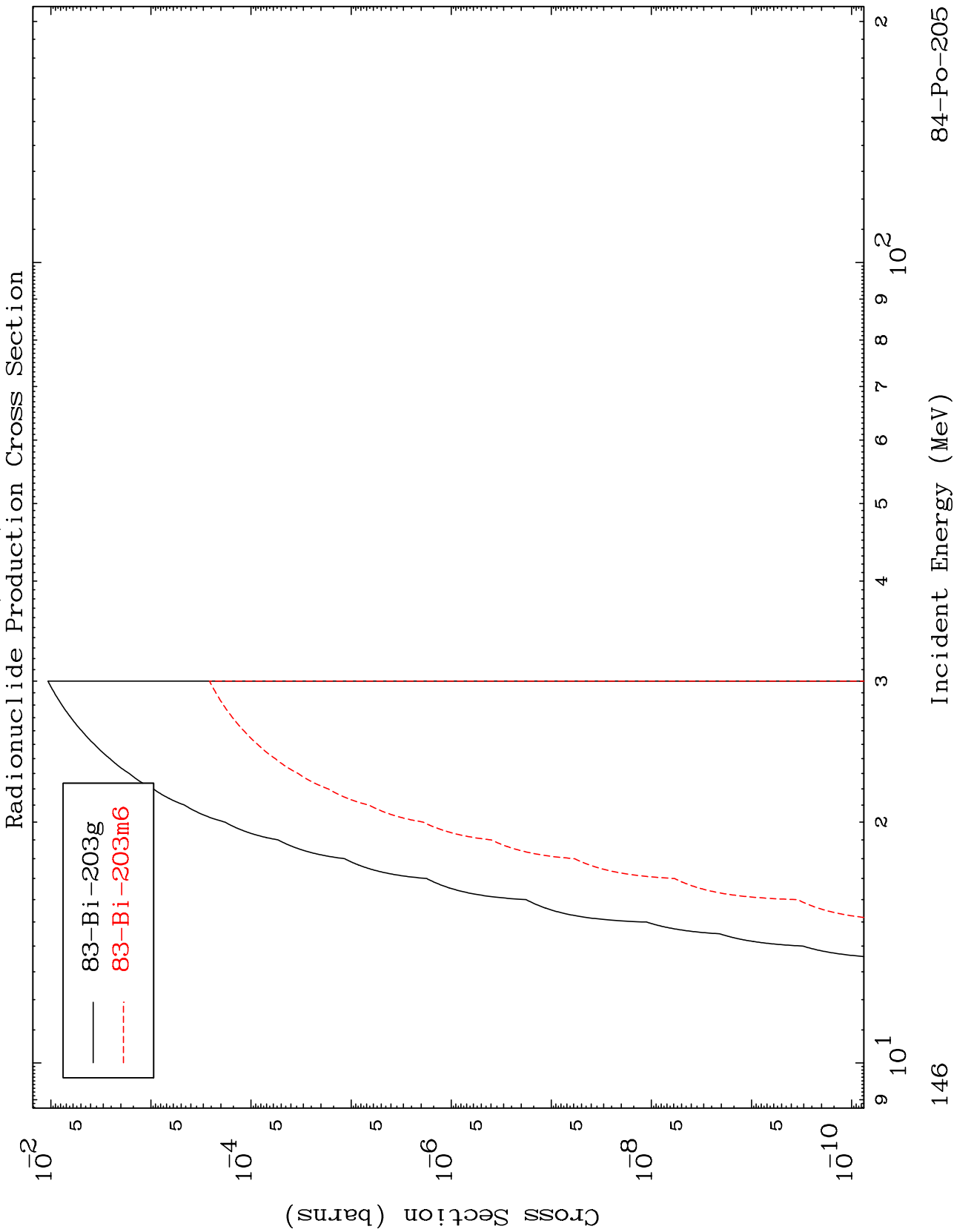
Radionuclide Production Cross Section



MAT 8422

(n,n') d

84-Po-205

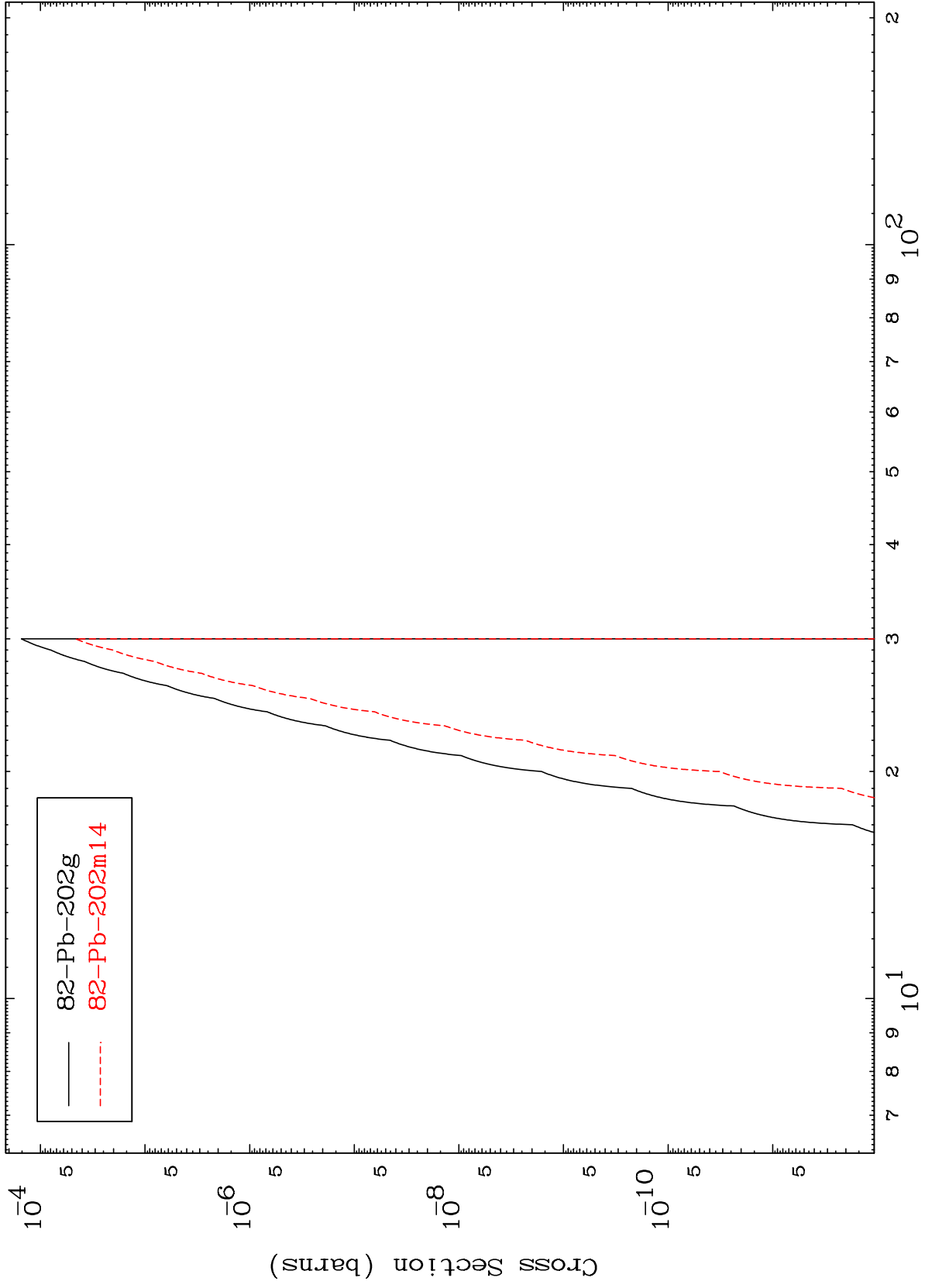


MAT 8422

(n,n') He-3

84-Po-205

Radionuclide Production Cross Section



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

147

Incident Energy (MeV)

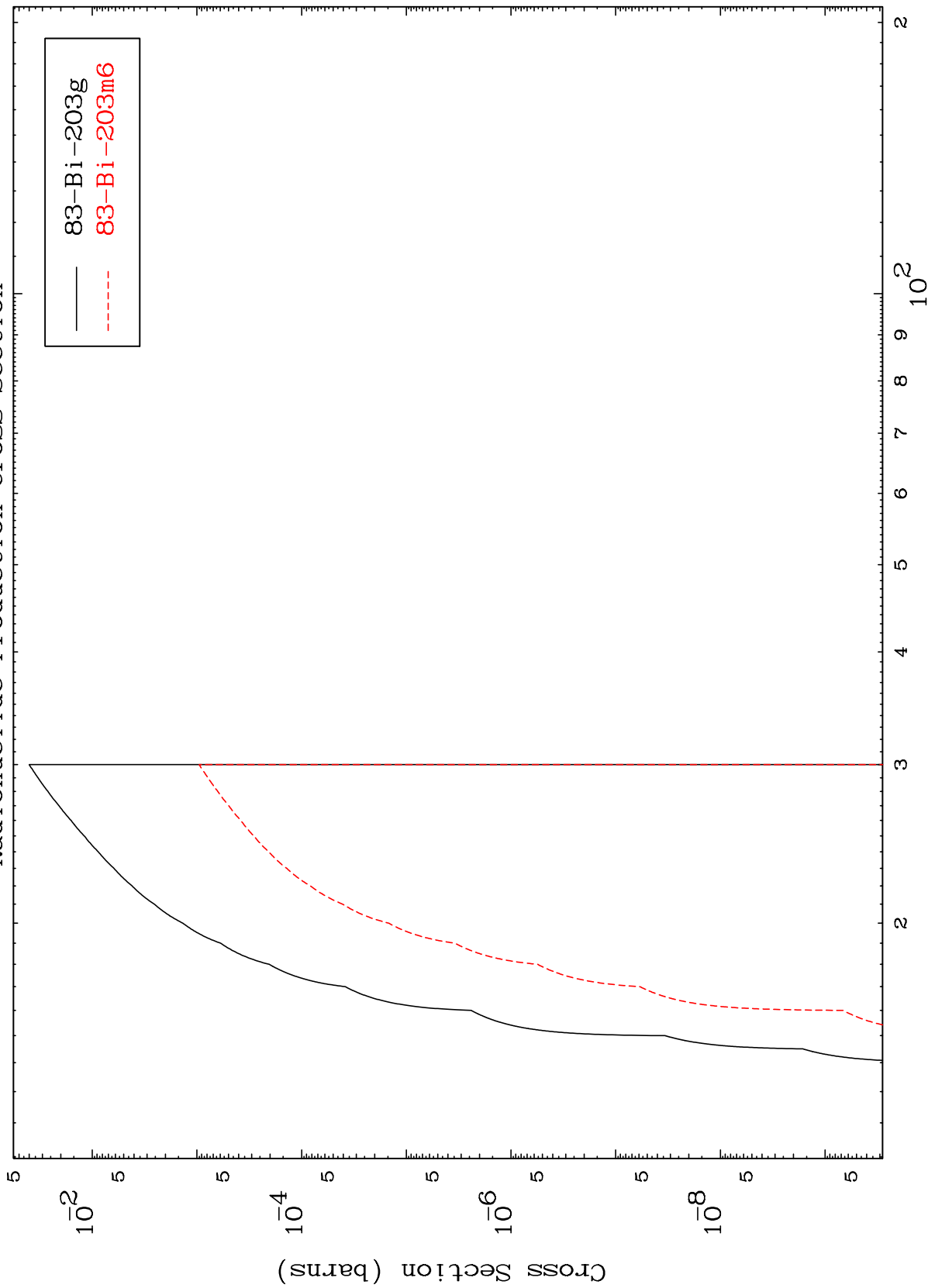
84-Po-205

MAT 8422

(n,2n) p

84-Po-205

Radionuclide Production Cross Section



148

Incident Energy (MeV)

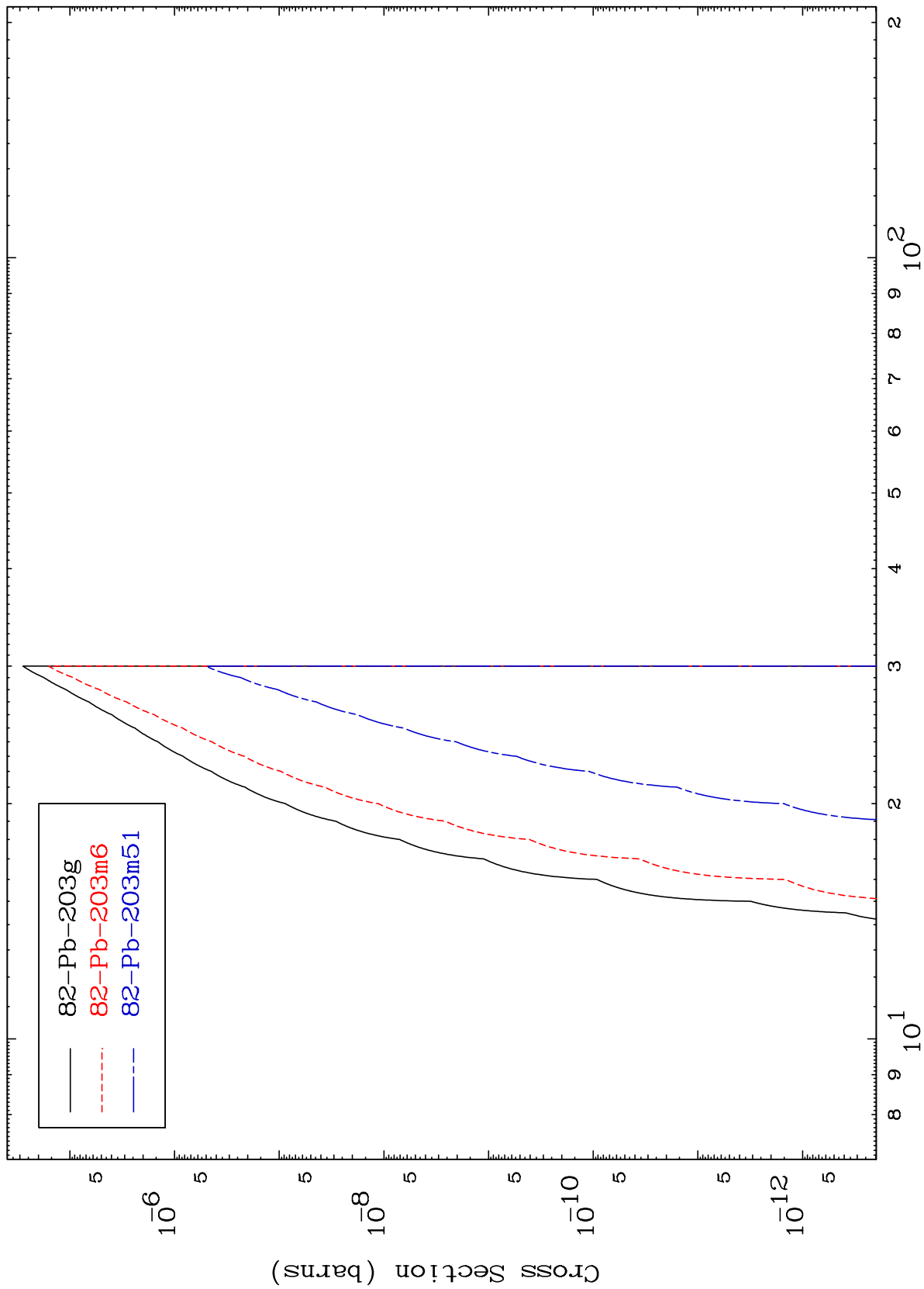
84-Po-205

MAT 8422

(n,2n) p

84-Po-205

Radionuclide Production Cross Section



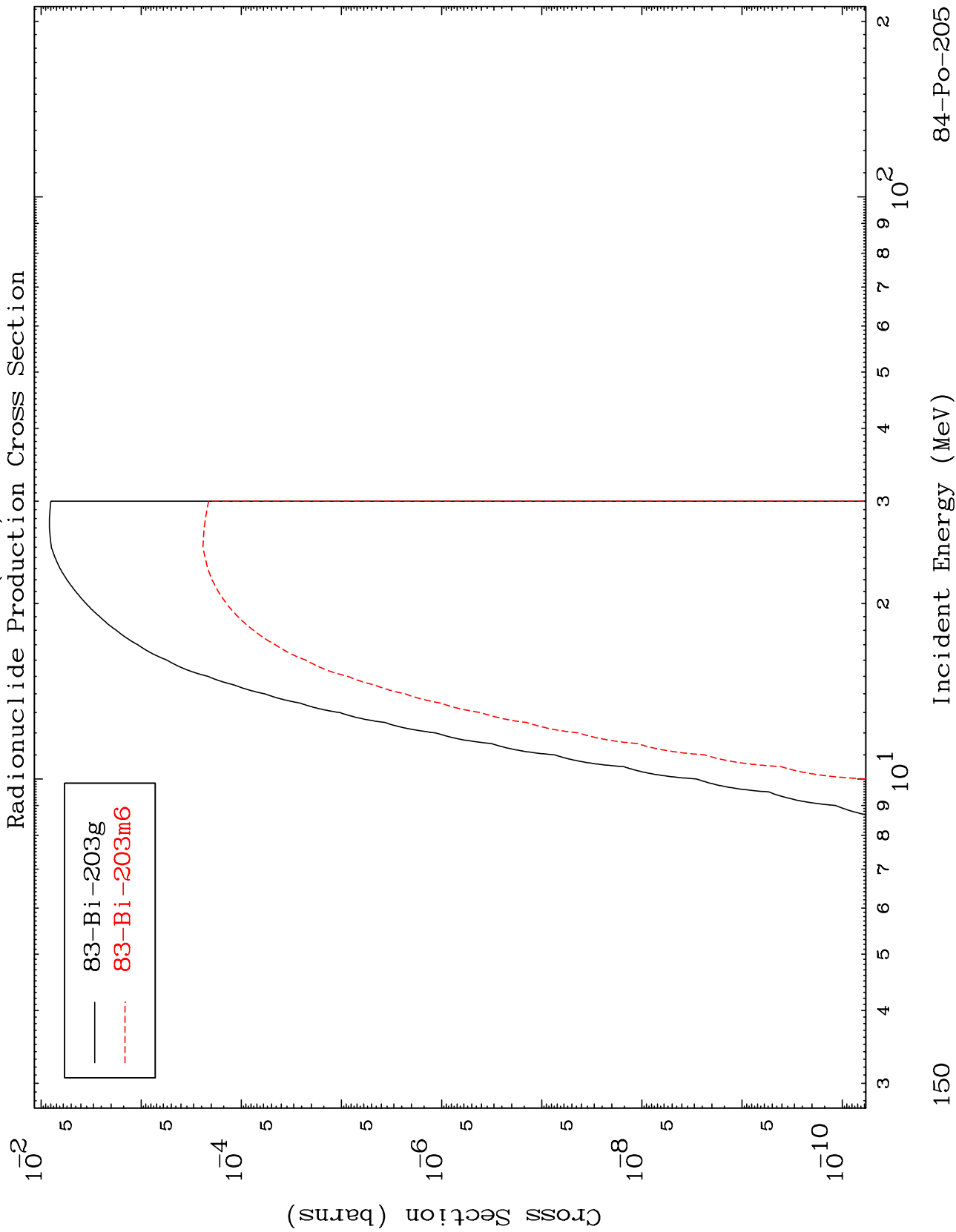
149

Incident Energy (MeV)

84-Po-205

MAT 8422

84-Po-205



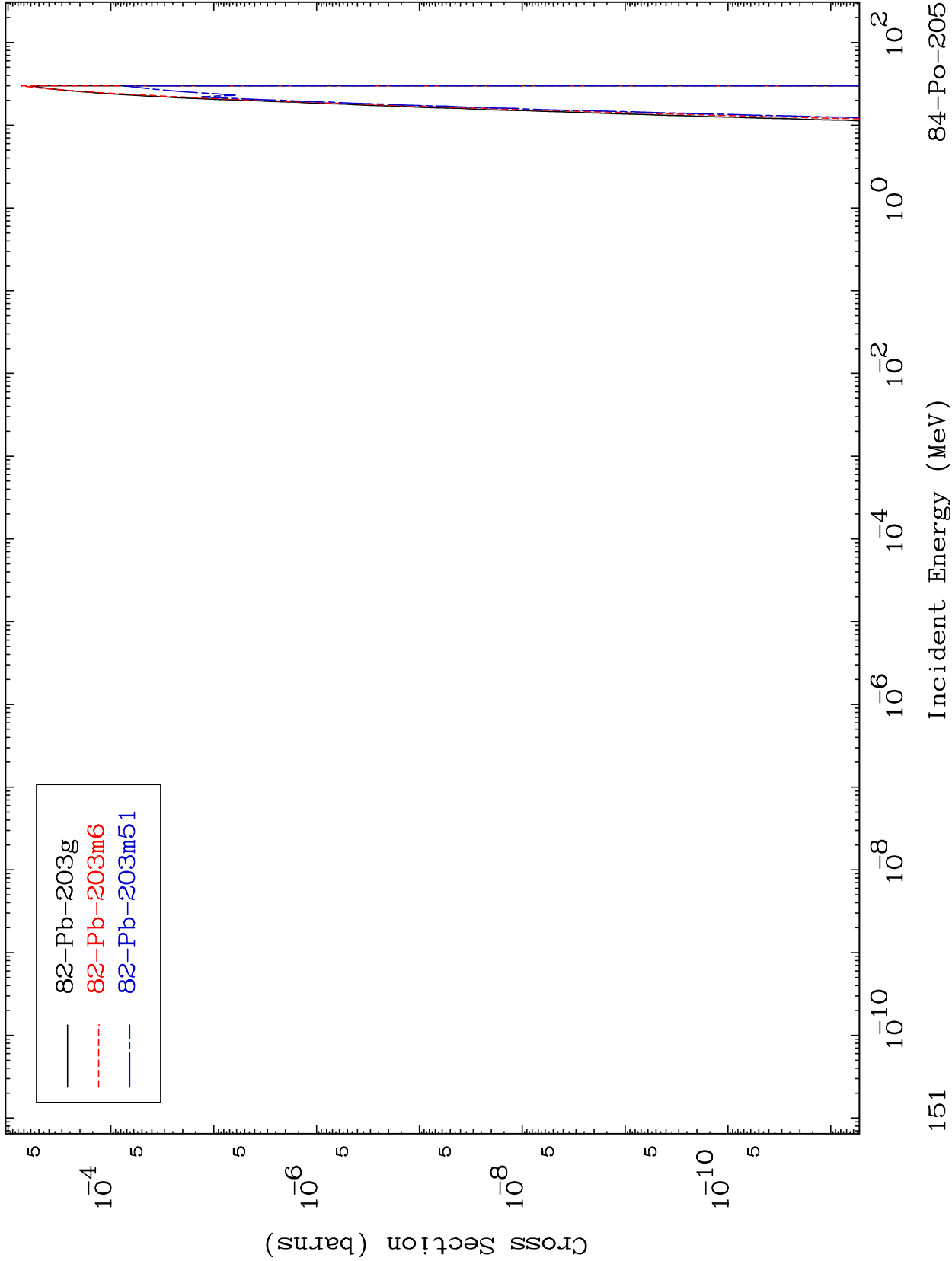
150

MAT 8422

(n,He-3)

84-Po-205

Radionuclide Production Cross Section

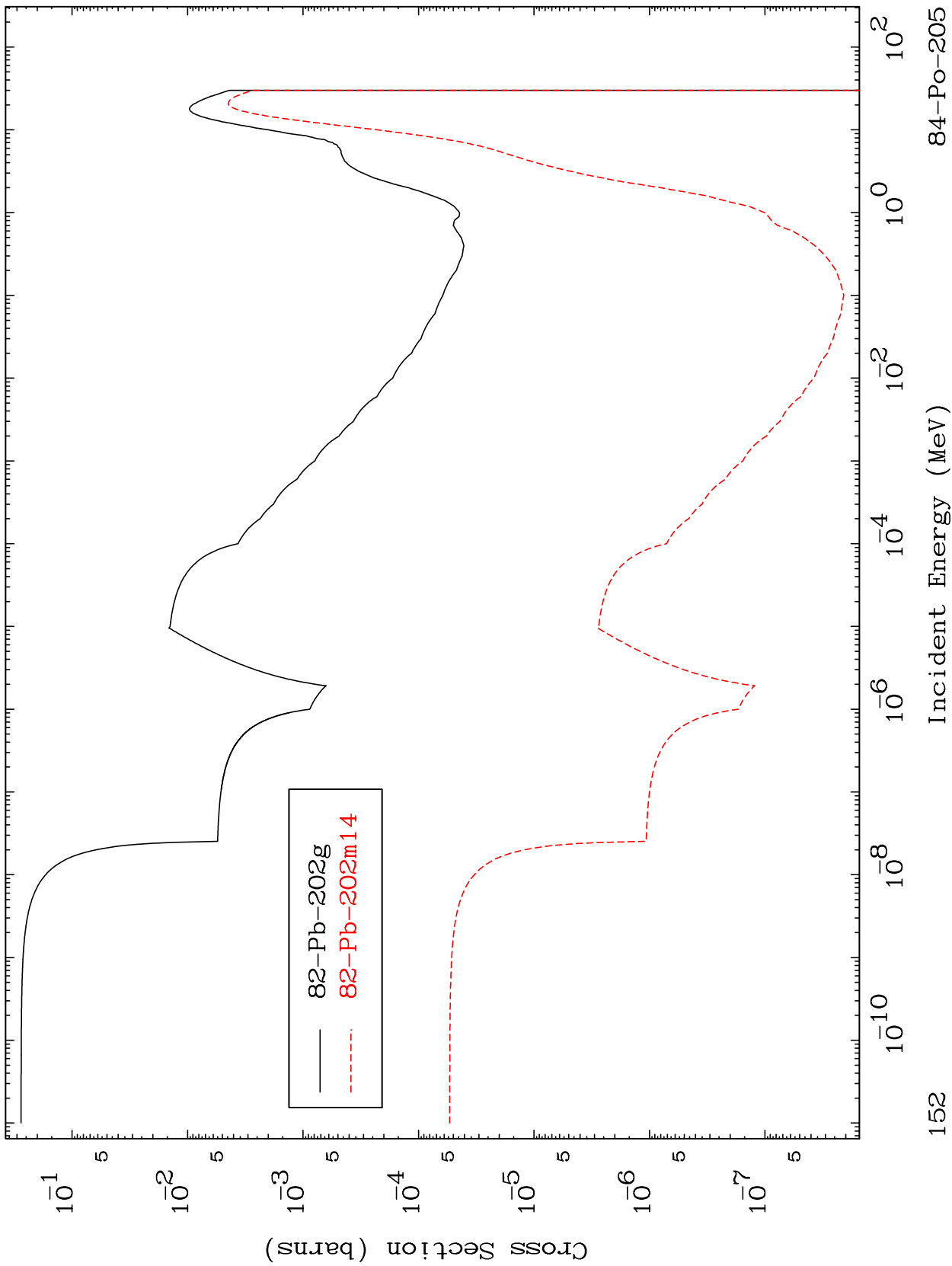


151

Incident Energy (MeV)

84-Po-205

Radionuclide Production Cross Section (n,α)

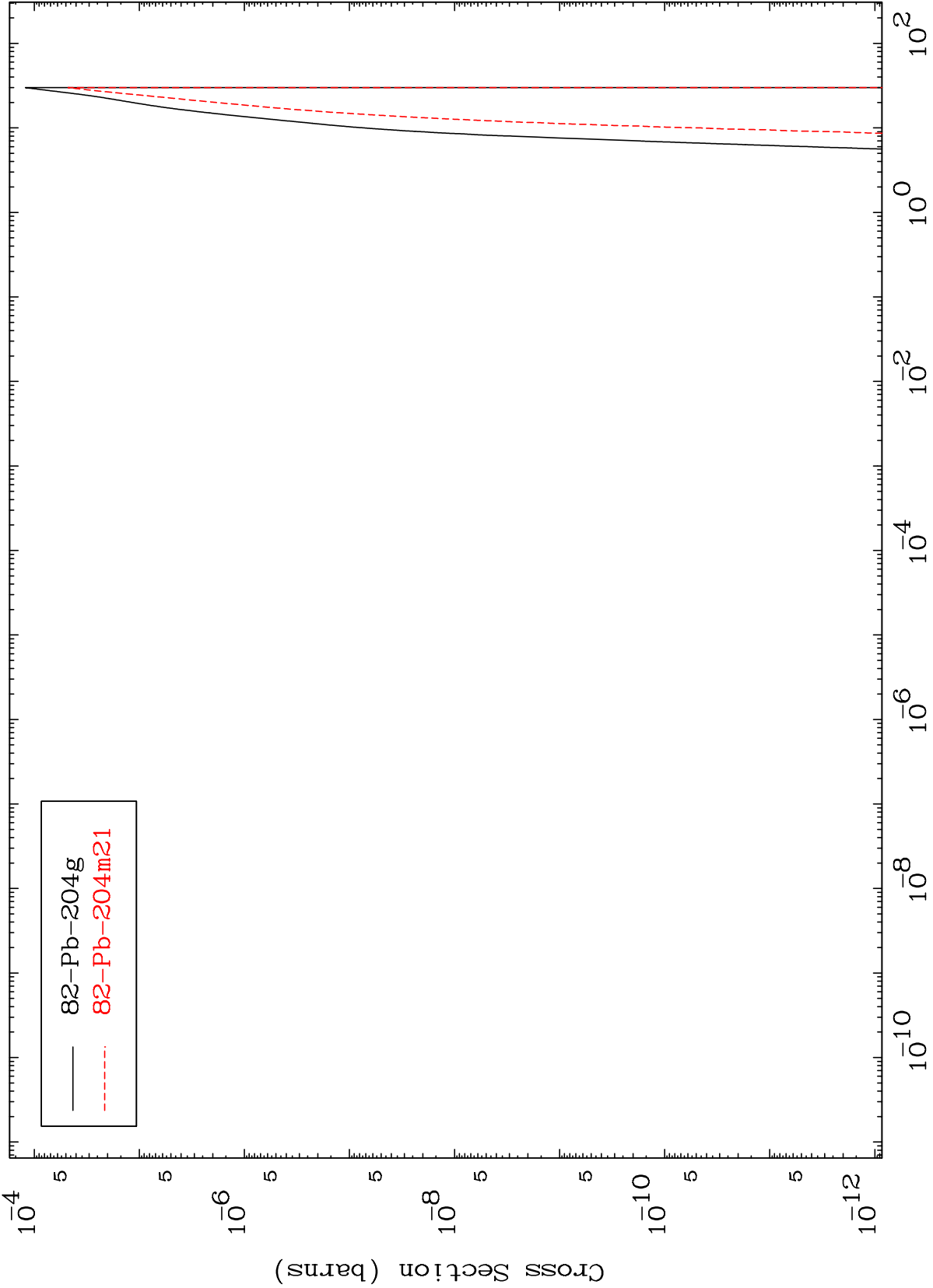


MAT 8422

(n,2p)

84-Po-205

Radionuclide Production Cross Section



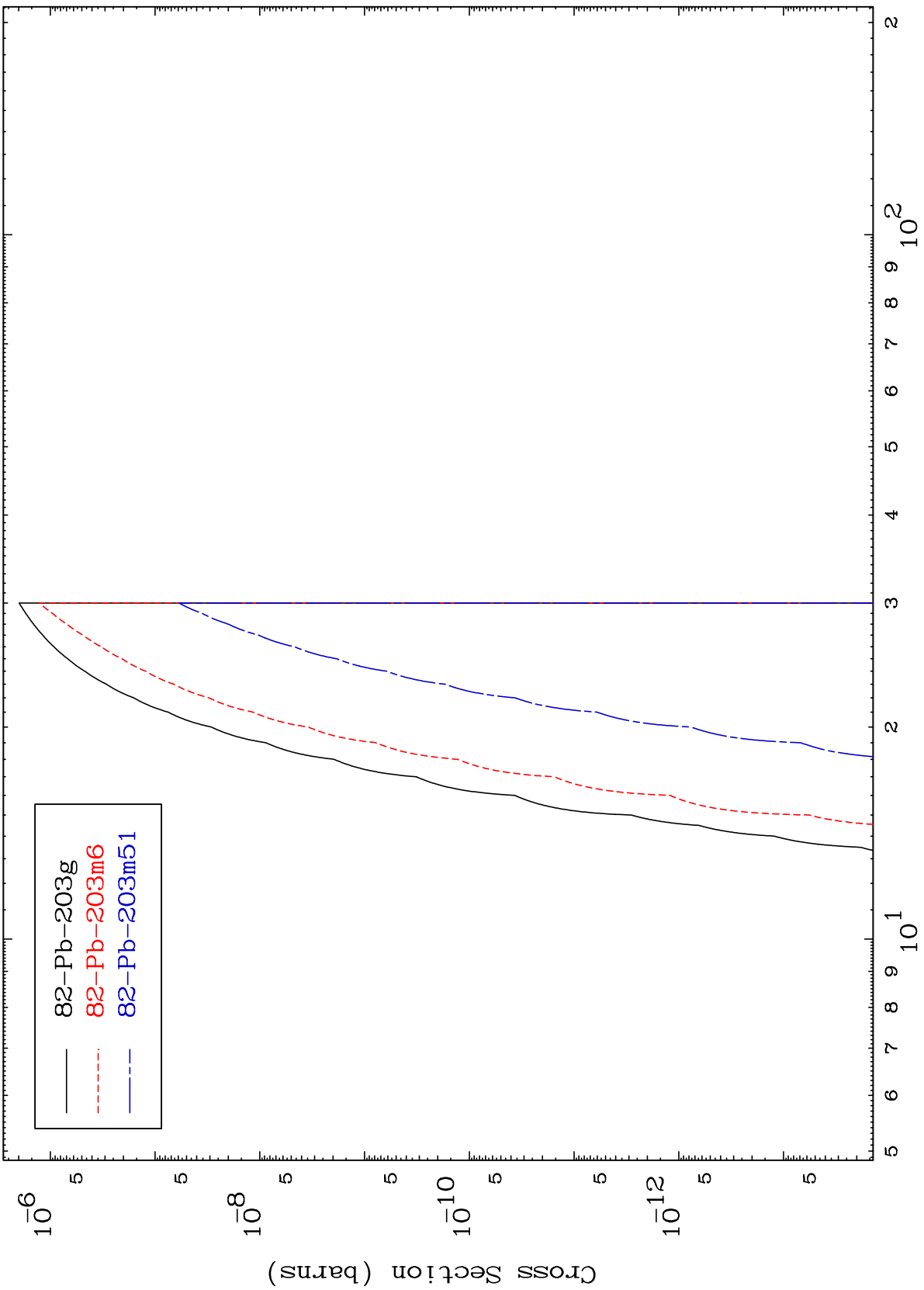
82-Pb-204g  
82-Pb-204m21

MAT 8422

(n,p) d

84-Po-205

Radionuclide Production Cross Section



Legend:  
— 82-Pb-203g  
- - - 82-Pb-203m6  
- - - 82-Pb-203m51

154

Incident Energy (MeV)

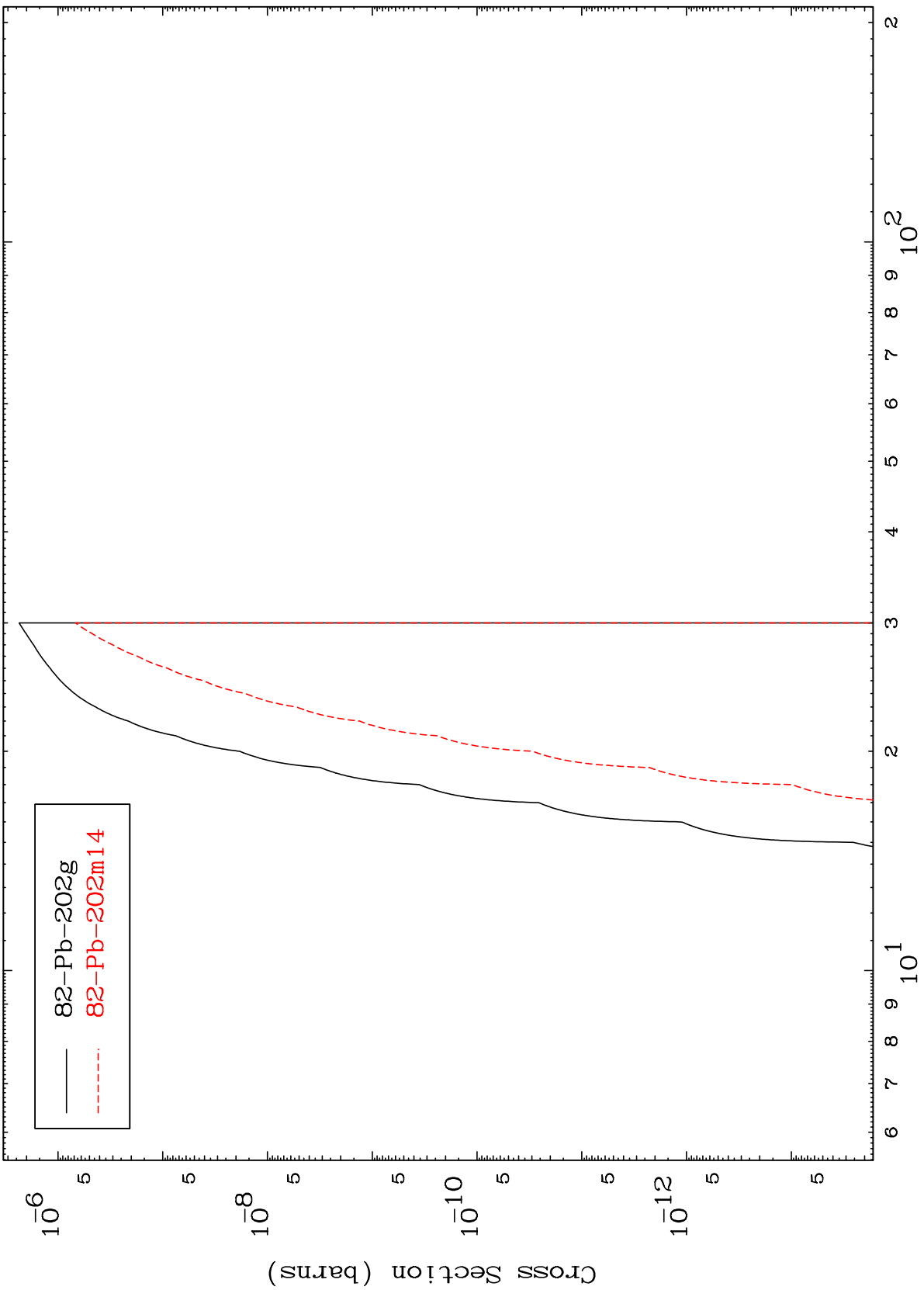
84-Po-205

MAT 8422

(n,p) t

84-Po-205

Radionuclide Production Cross Section



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

155

Incident Energy (MeV)

84-Po-205