

Program EVALPLOT  
(Version 2021-1)

by

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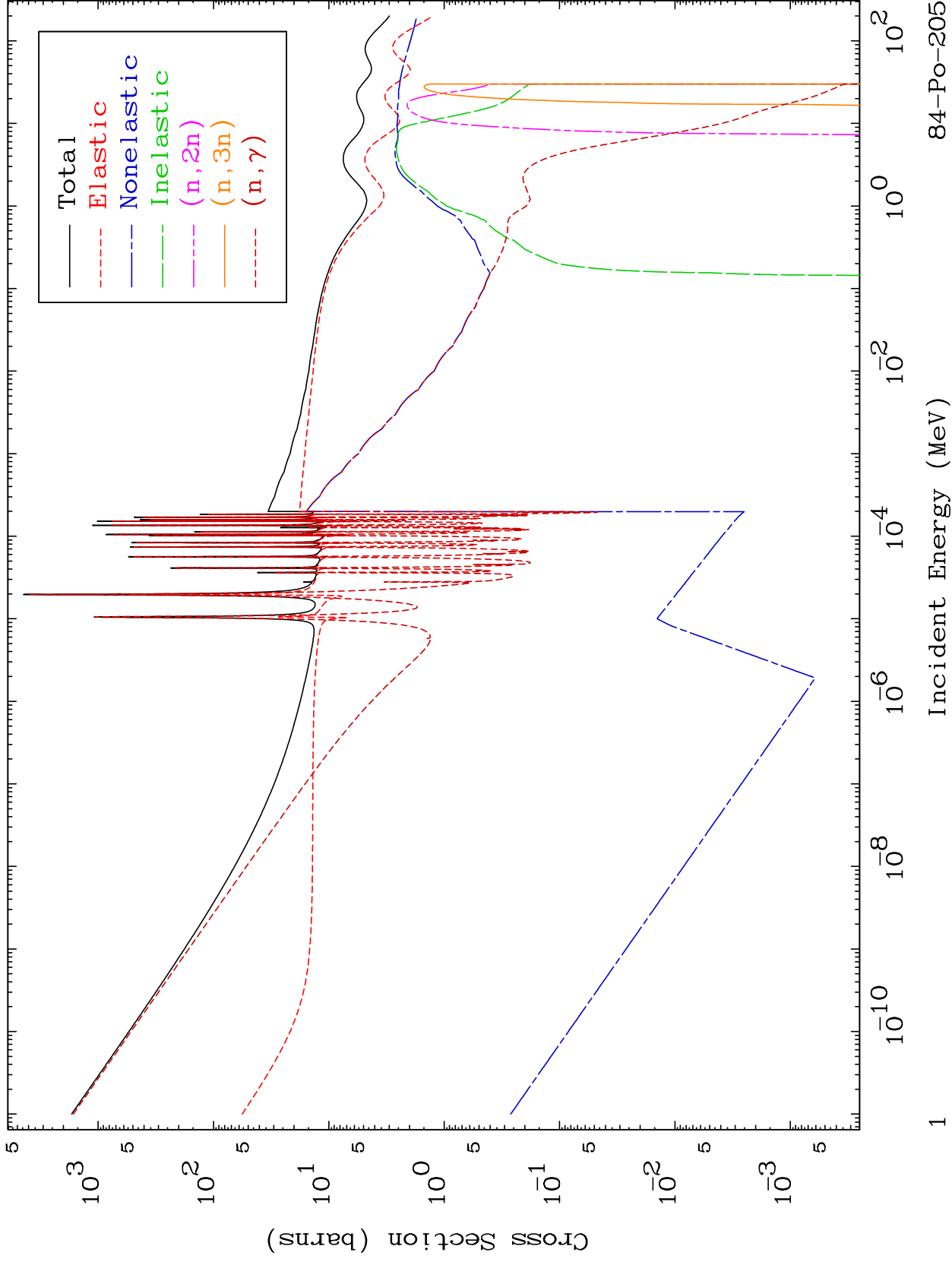
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Press Mouse Button to Start

MAT 8422

Neutron Major  
293 Kelvin Cross Sections

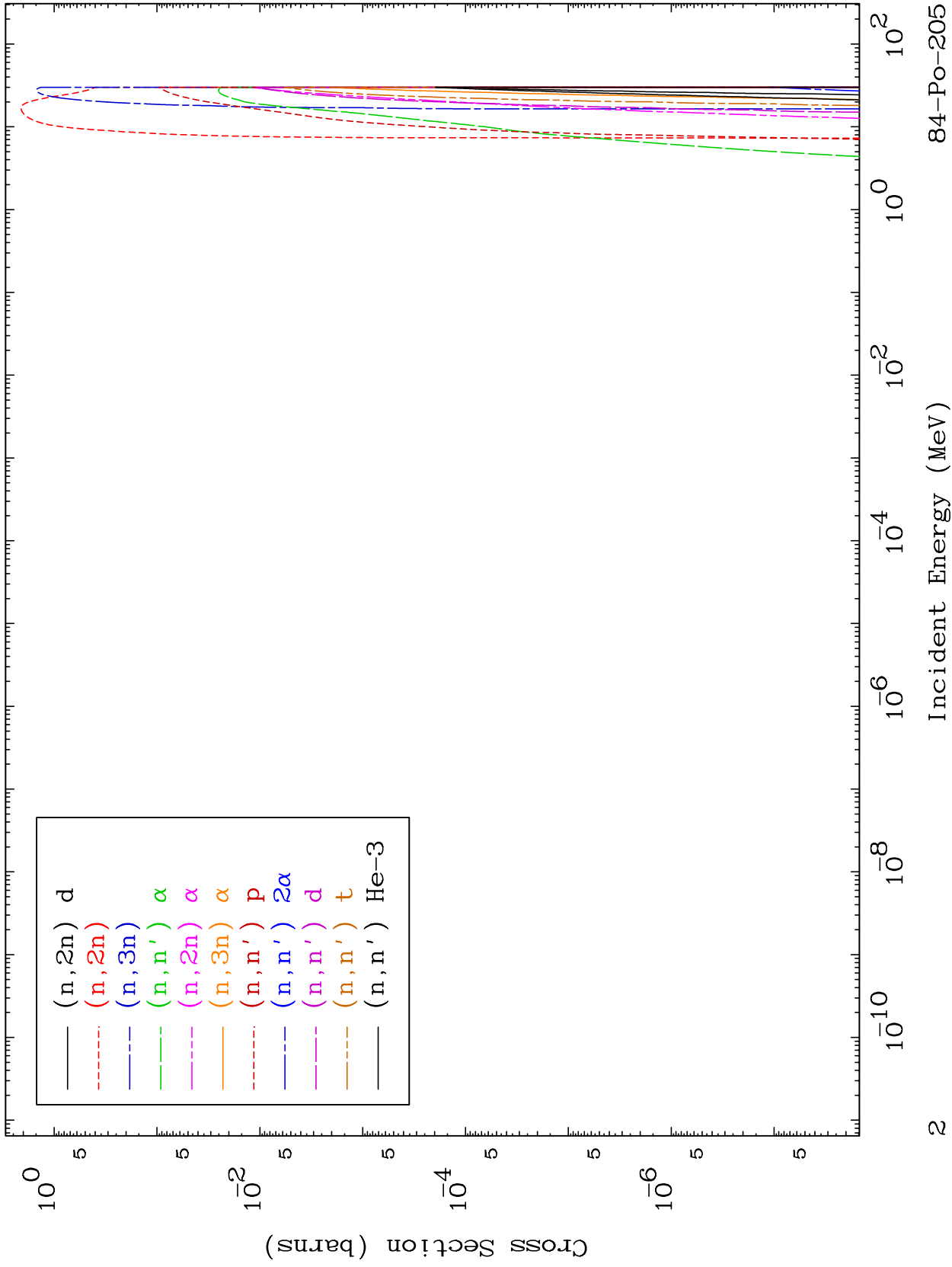
84-Po-205

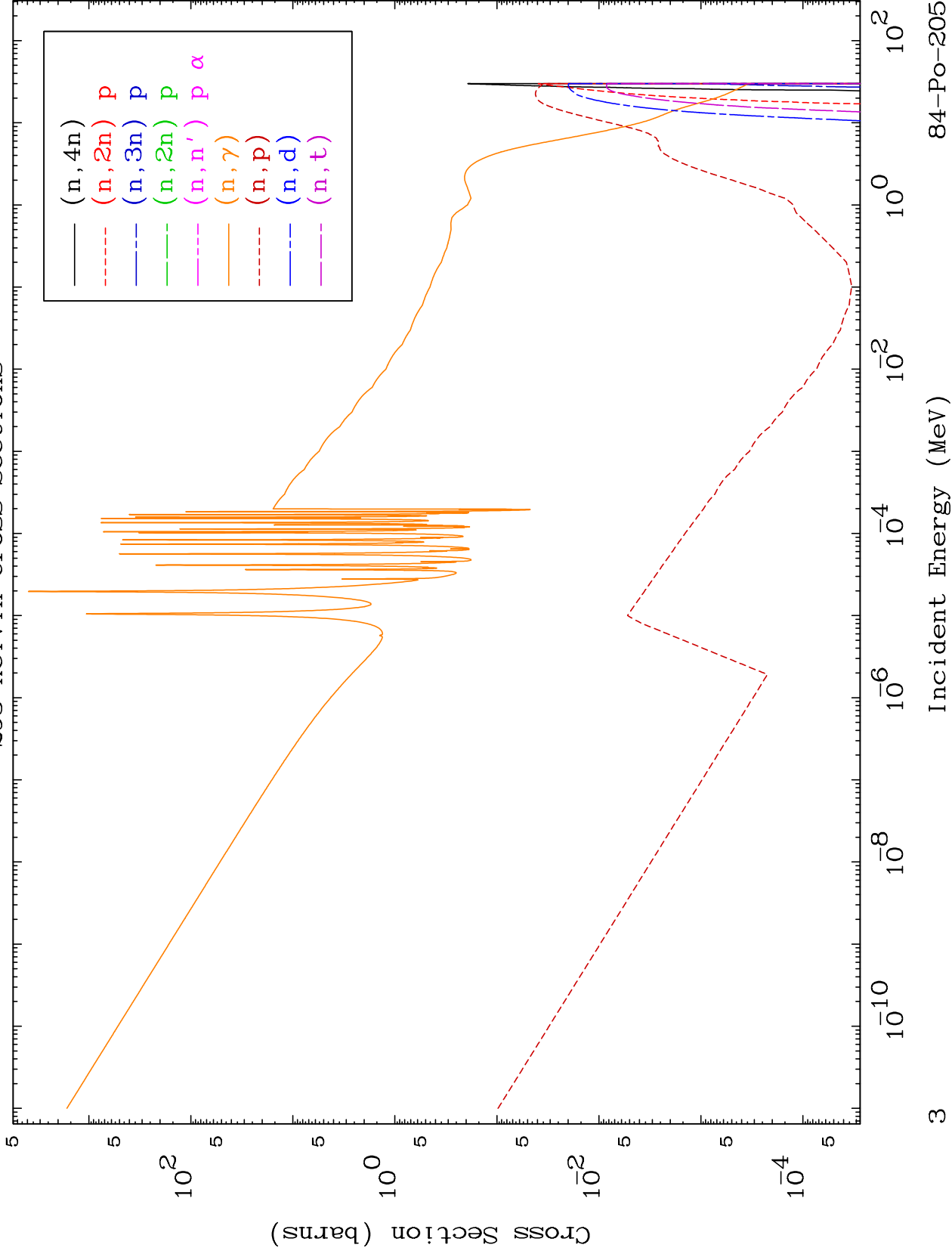


MAT 8422

Neutron Absorption  
293 Kelvin Cross Sections

84-Po-205

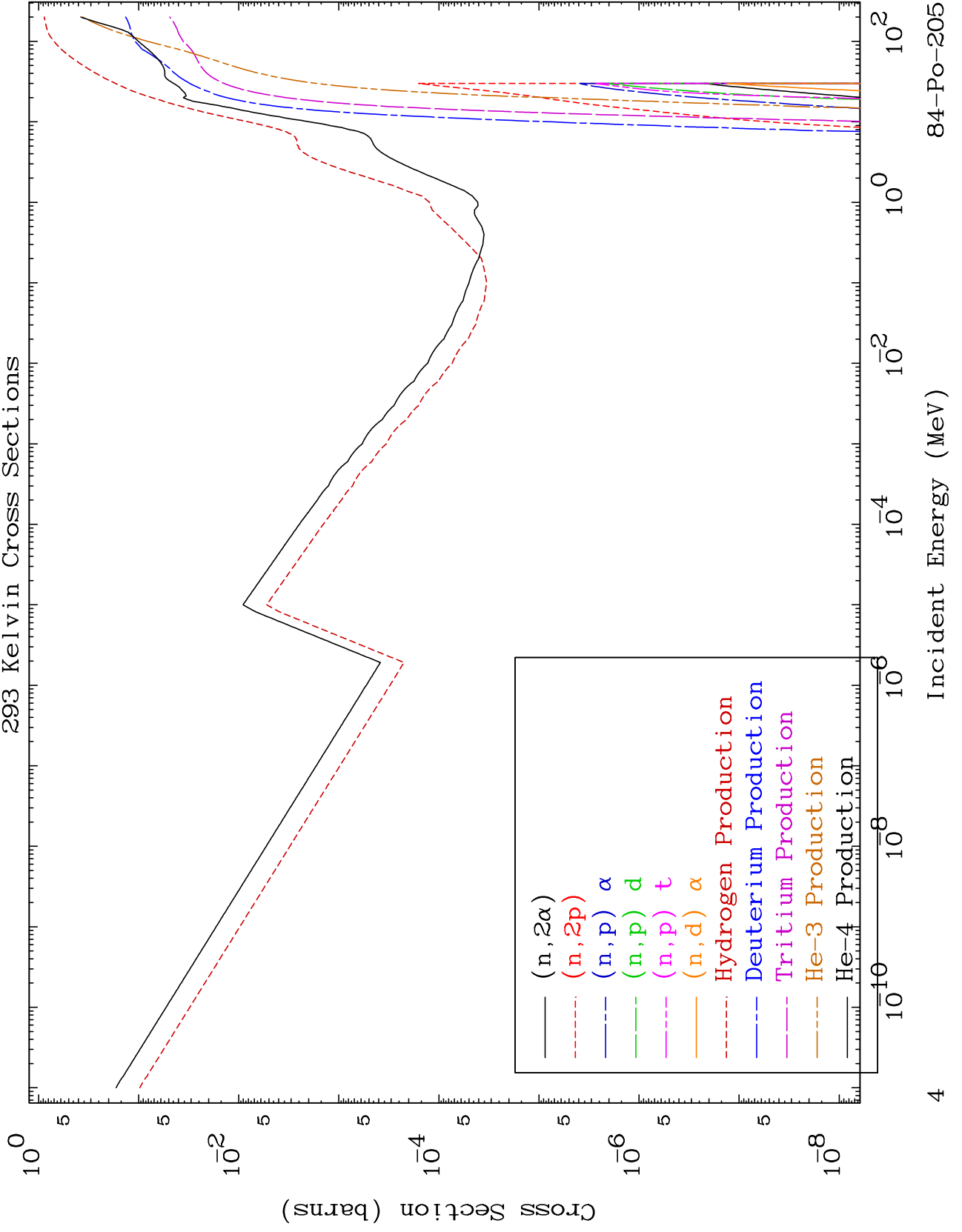




MAT 8422

Neutron Absorption  
293 Kelvin Cross Sections

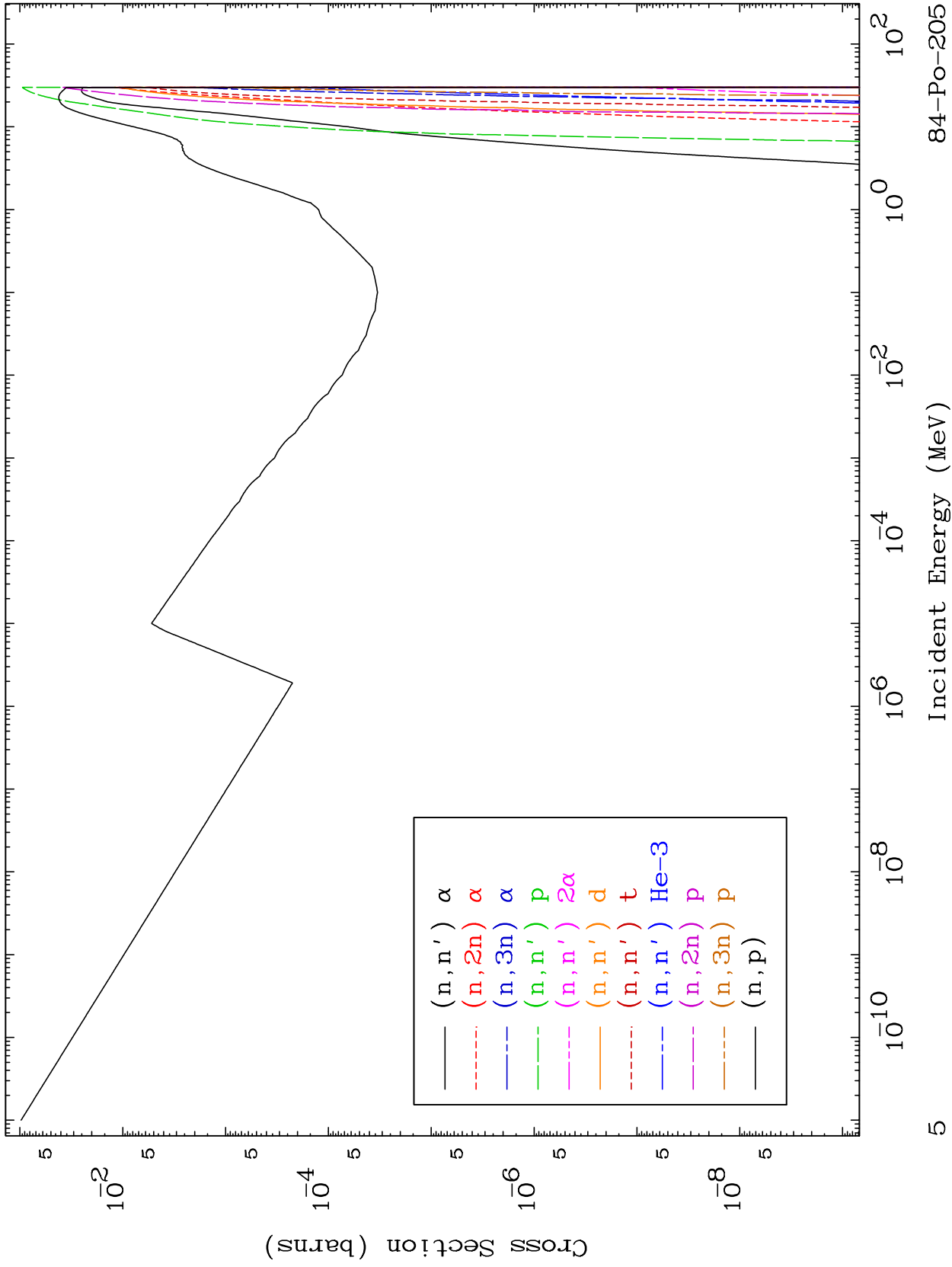
84-Po-205



MAT 8422

Charged Particle  
293 Kelvin Cross Sections

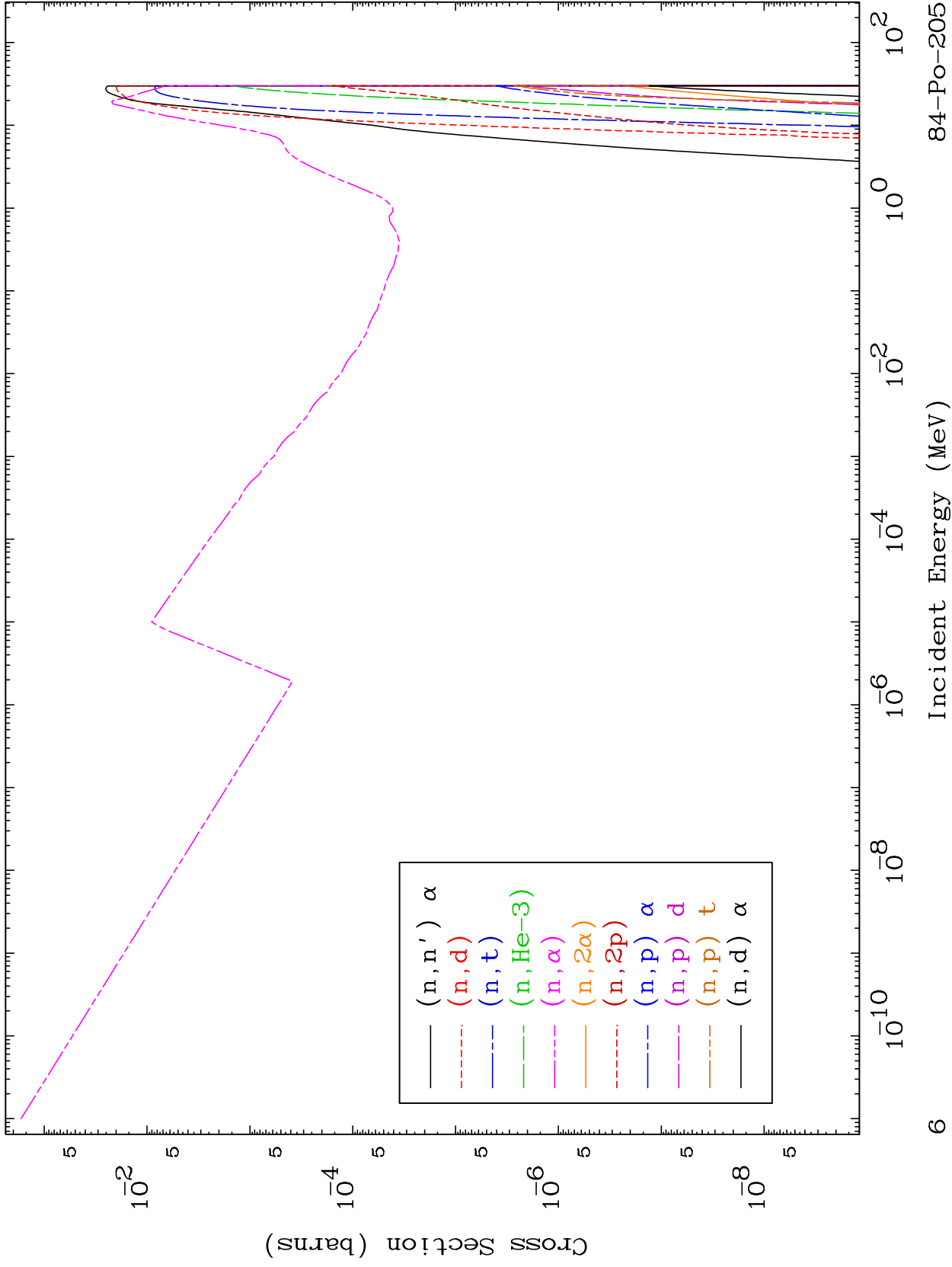
84-Po-205



MAT 8422

Charged Particle  
293 Kelvin Cross Sections

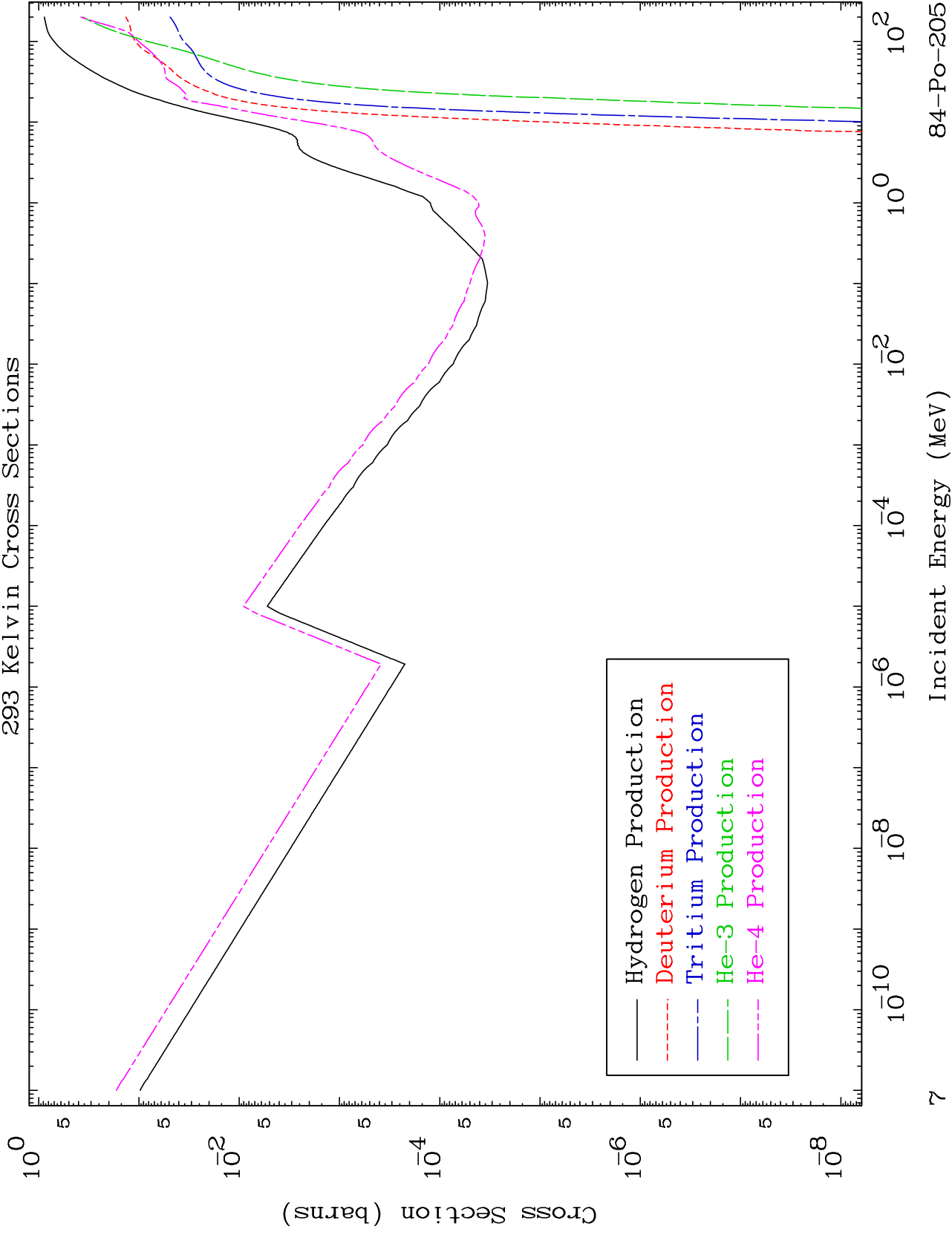
84-Po-205



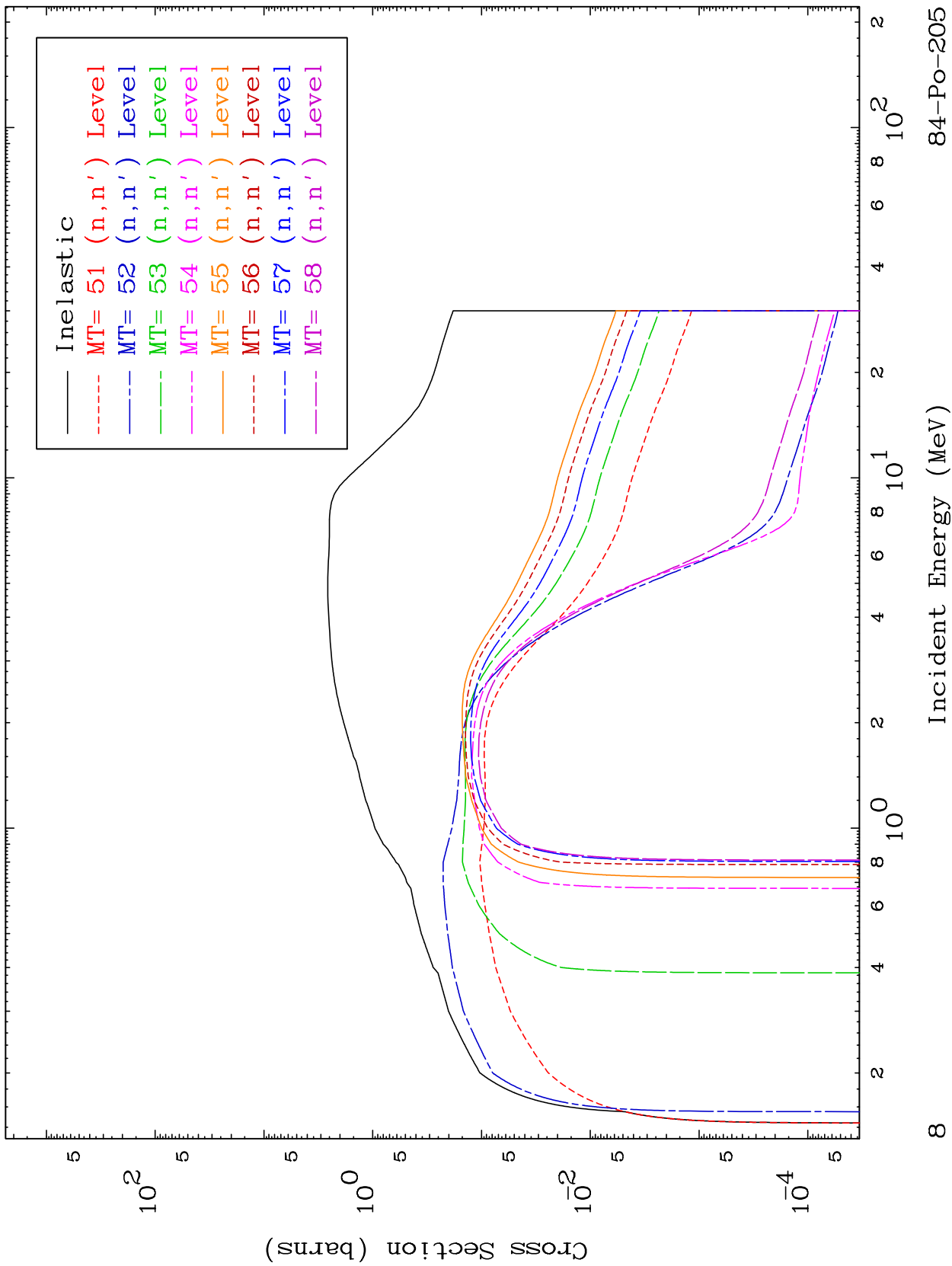
MAT 8422

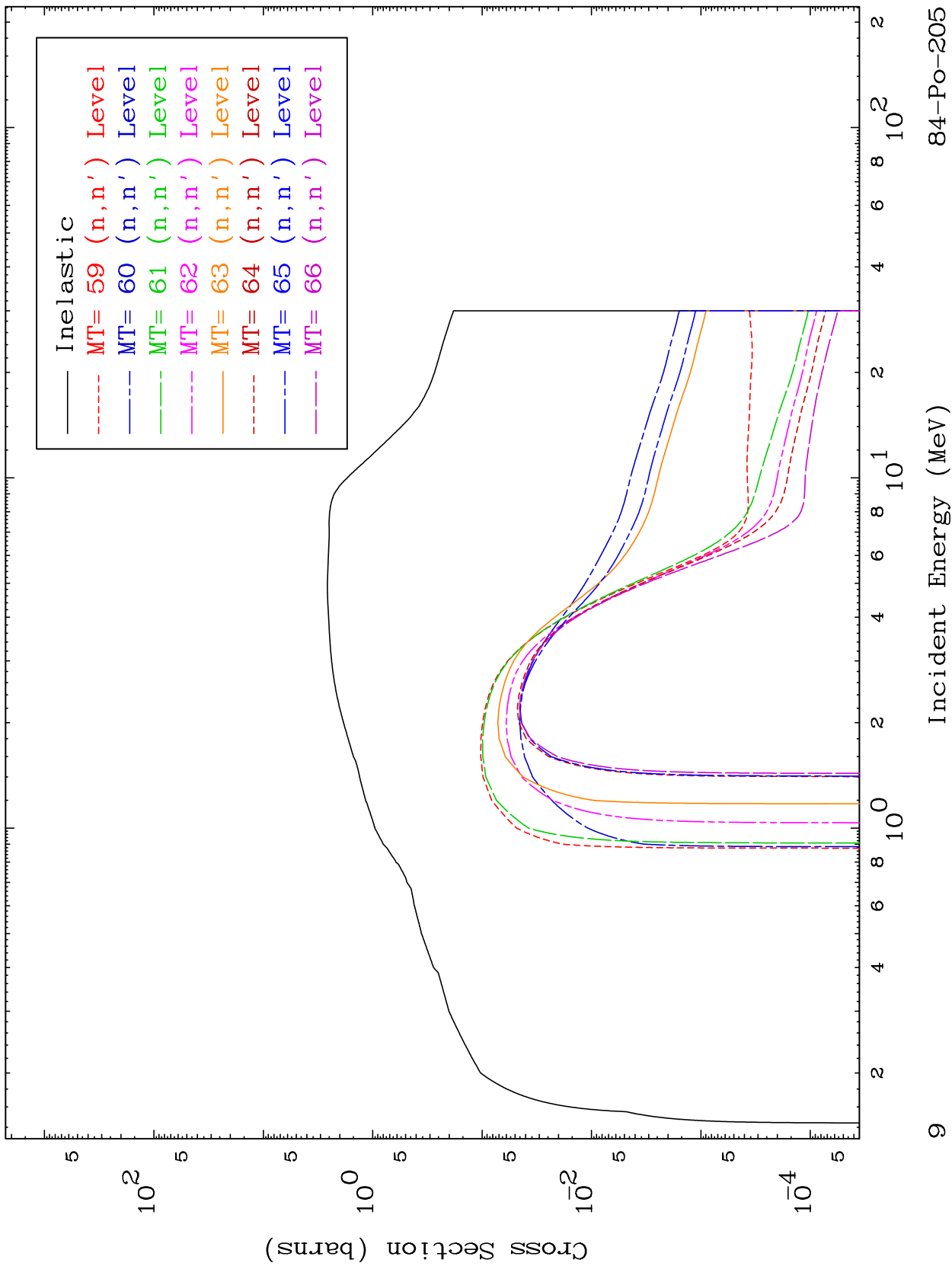
Particle Production  
293 Kelvin Cross Sections

84-Po-205





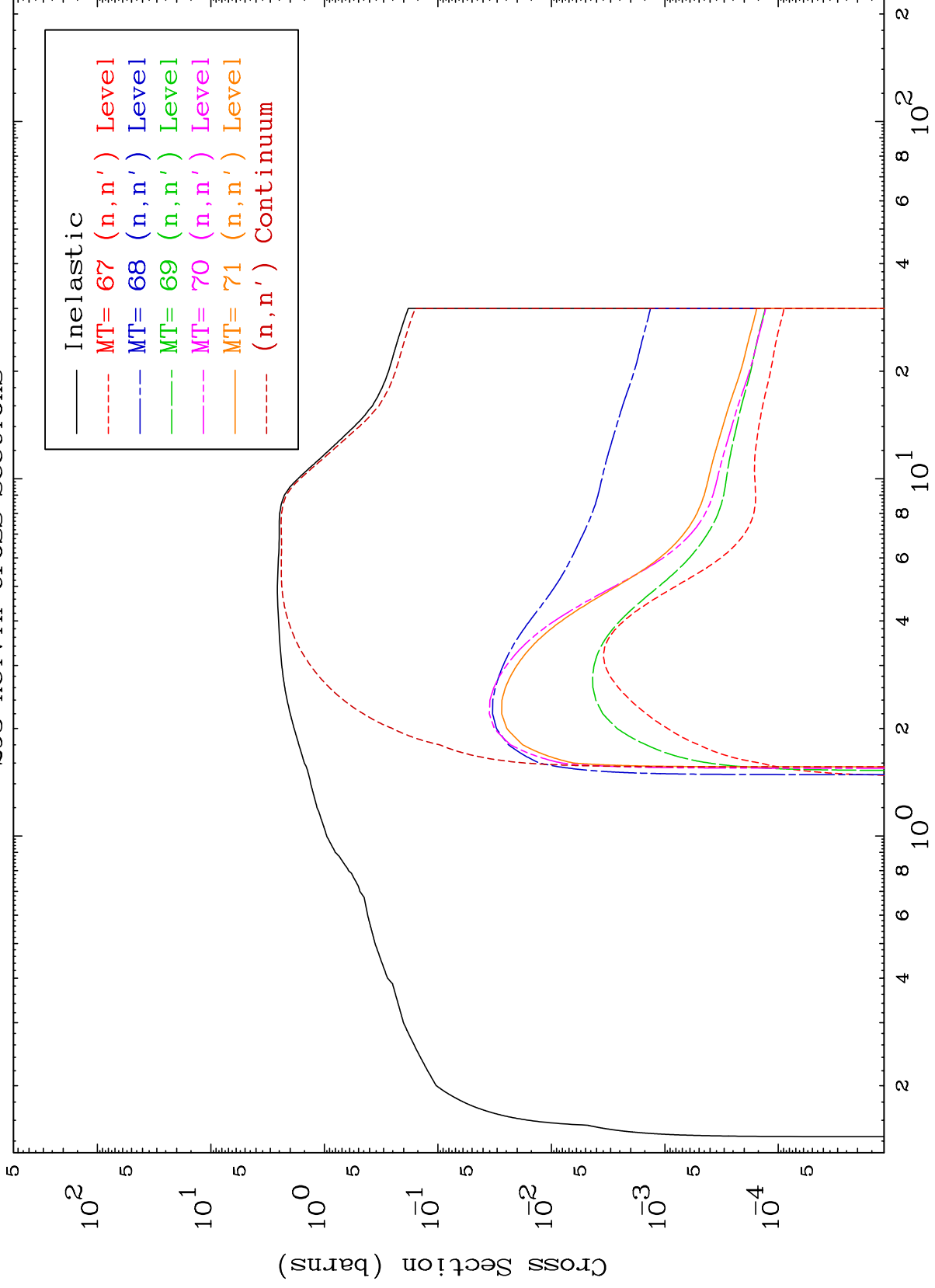




MAT 8422

(n,n') Levels  
293 Kelvin Cross Sections

84-Po-205



10

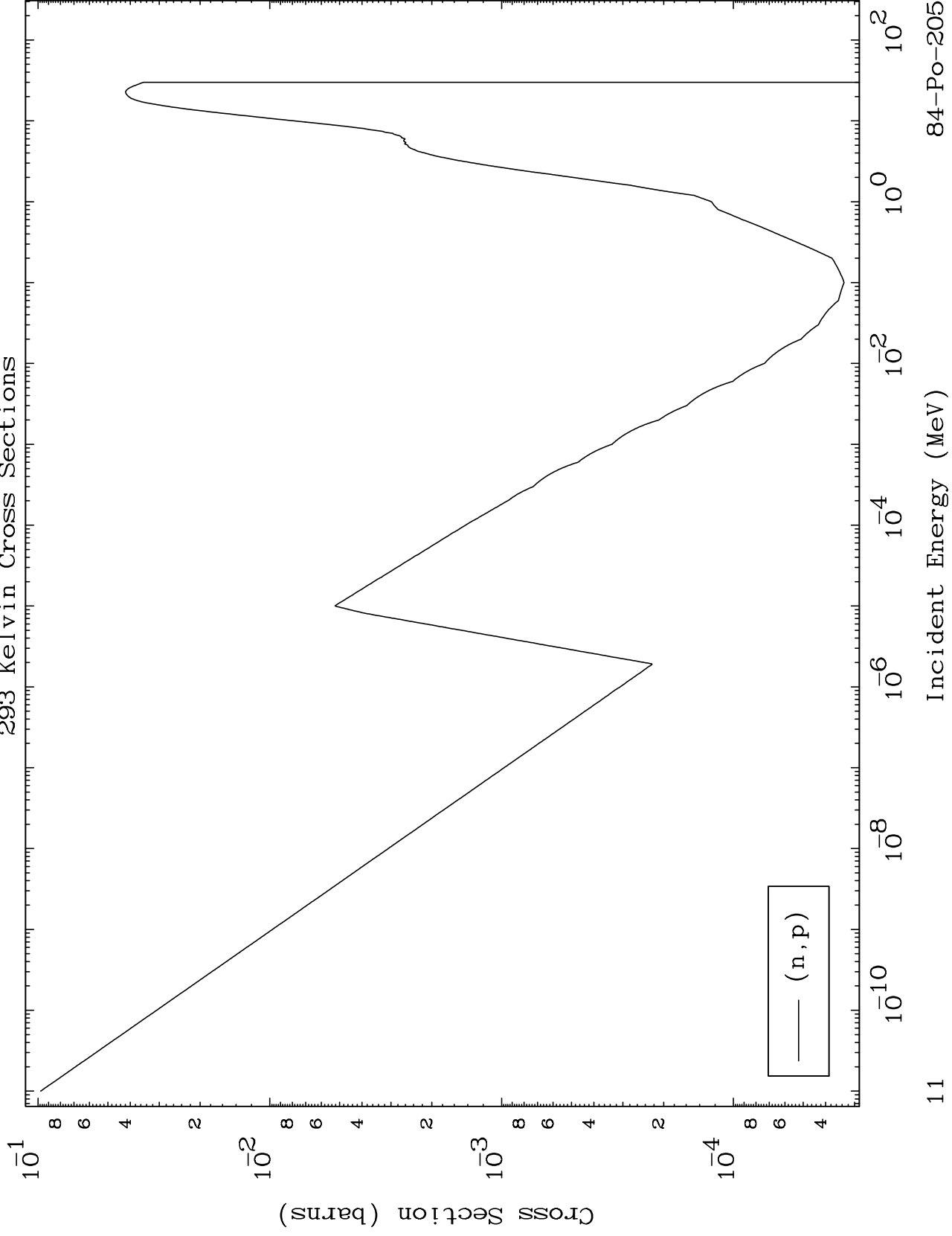
Incident Energy (MeV)

84-Po-205

MAT 8422

(n,p) Levels  
293 Kelvin Cross Sections

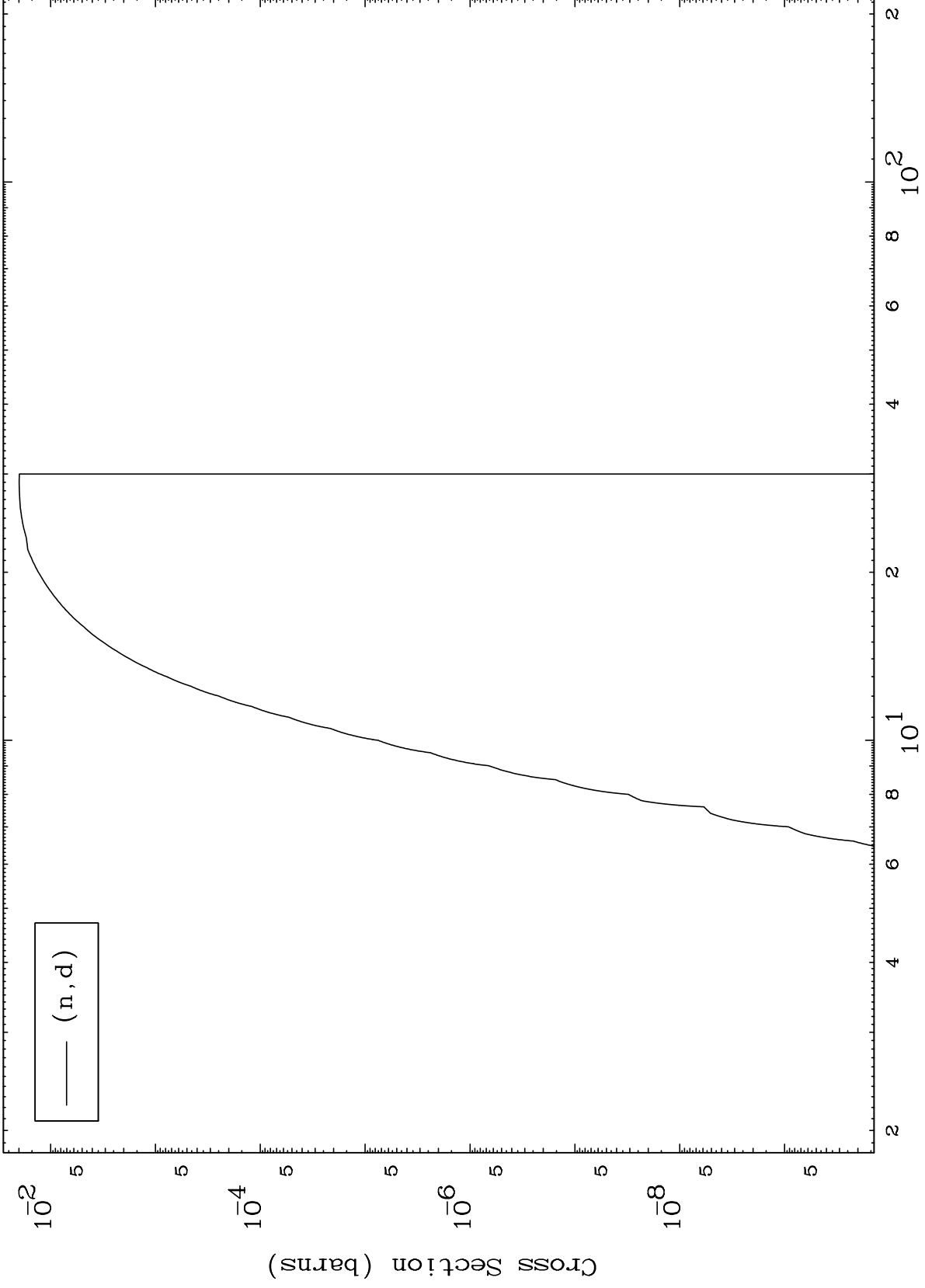
84-Po-205



MAT 8422

(n,d) Levels  
293 Kelvin Cross Sections

84-Po-205



12

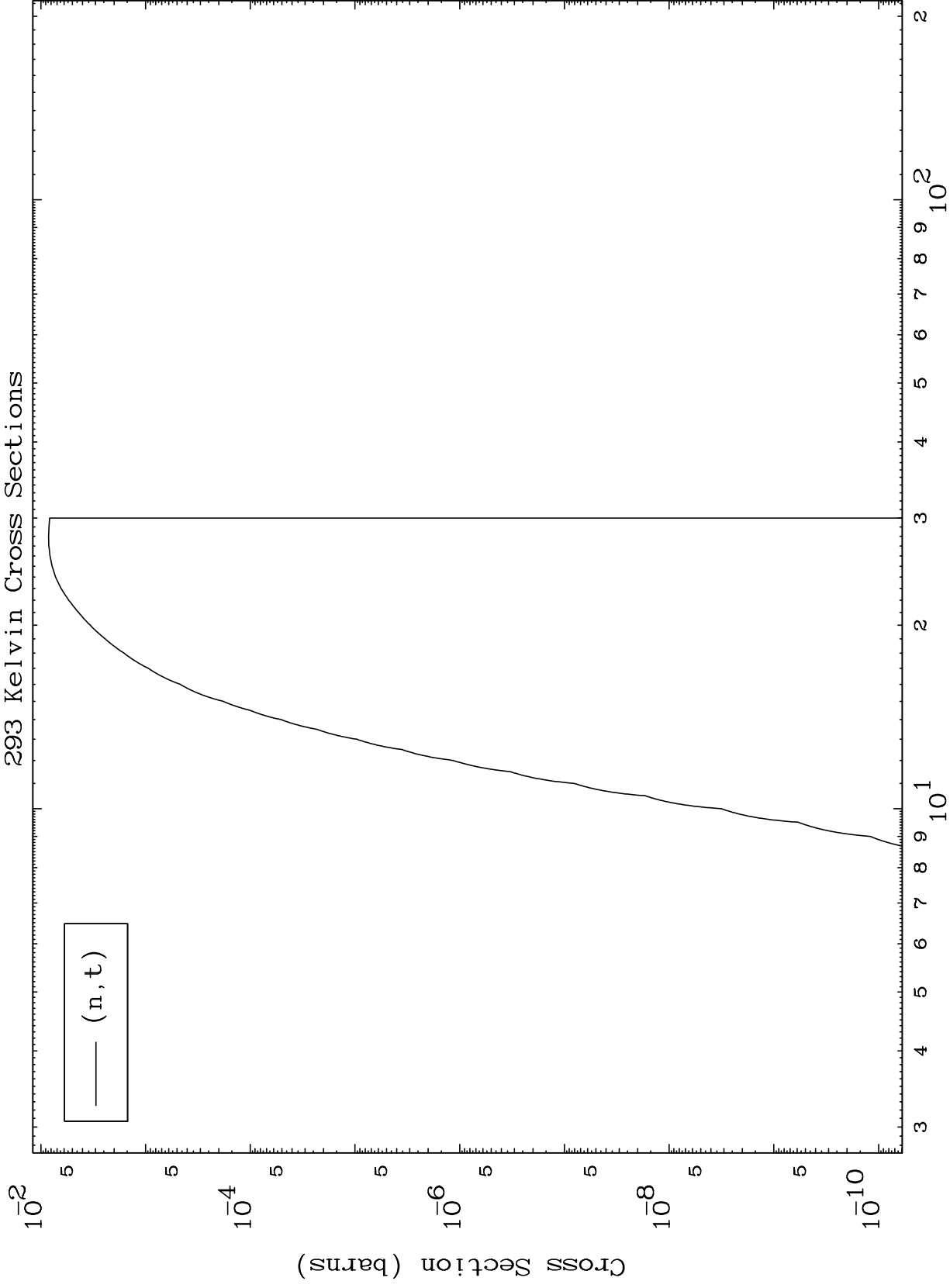
Incident Energy (MeV)

84-Po-205

MAT 8422

(n,t) Levels  
293 Kelvin Cross Sections

84-Po-205



13

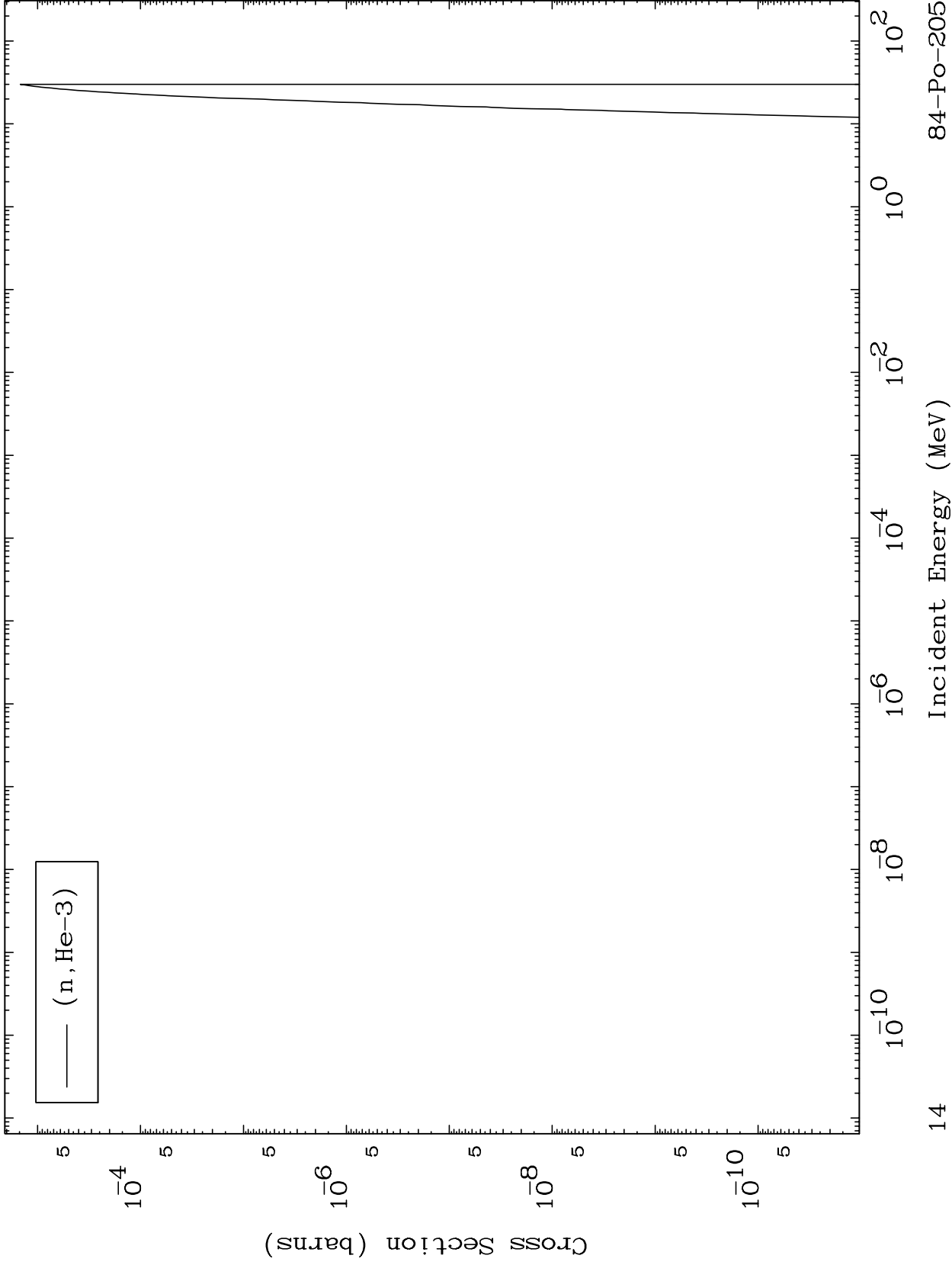
Incident Energy (MeV)

84-Po-205

MAT 8422

(n,He3) Levels  
293 Kelvin Cross Sections

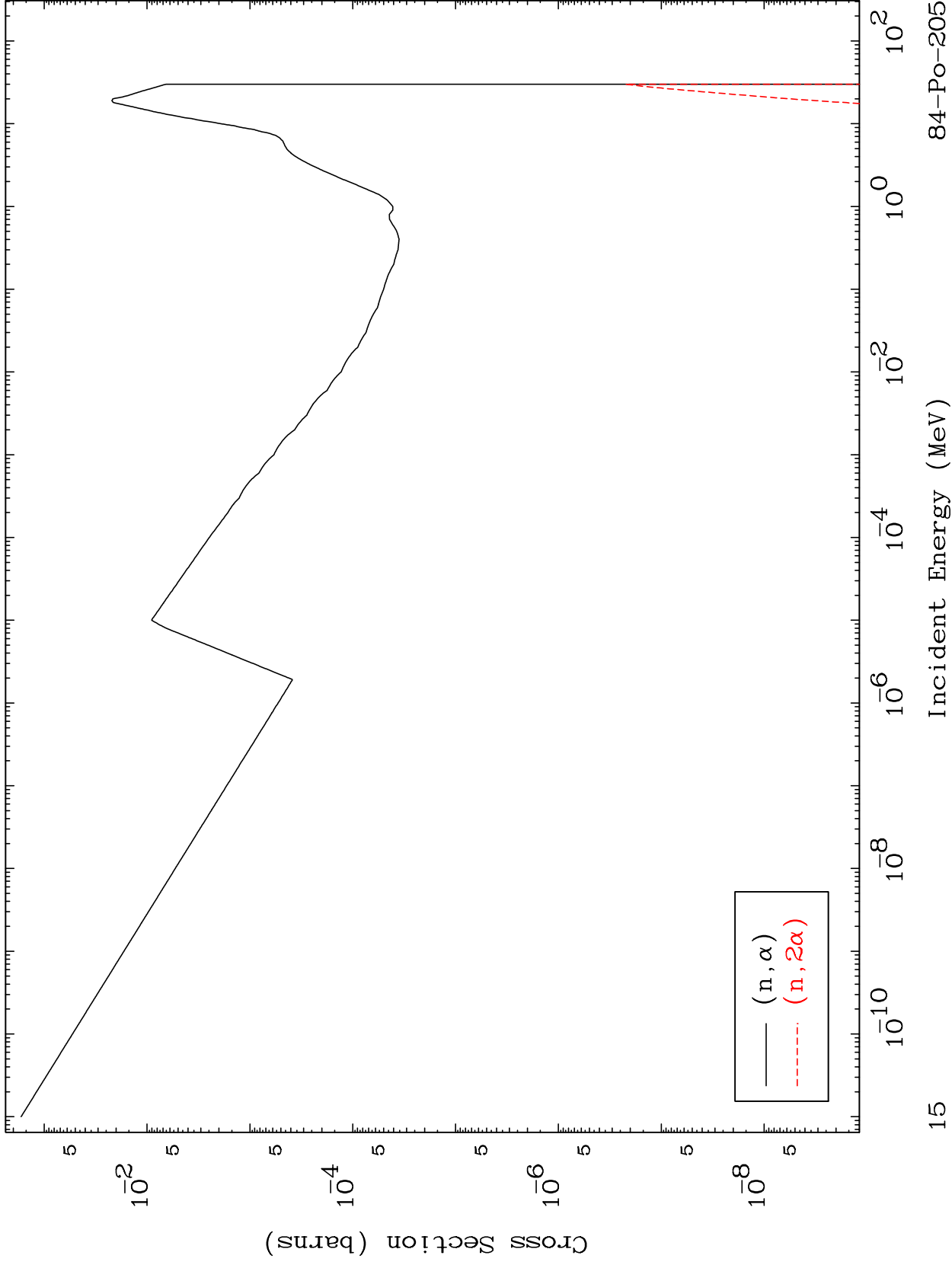
84-Po-205



MAT 8422

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

84-Po-205

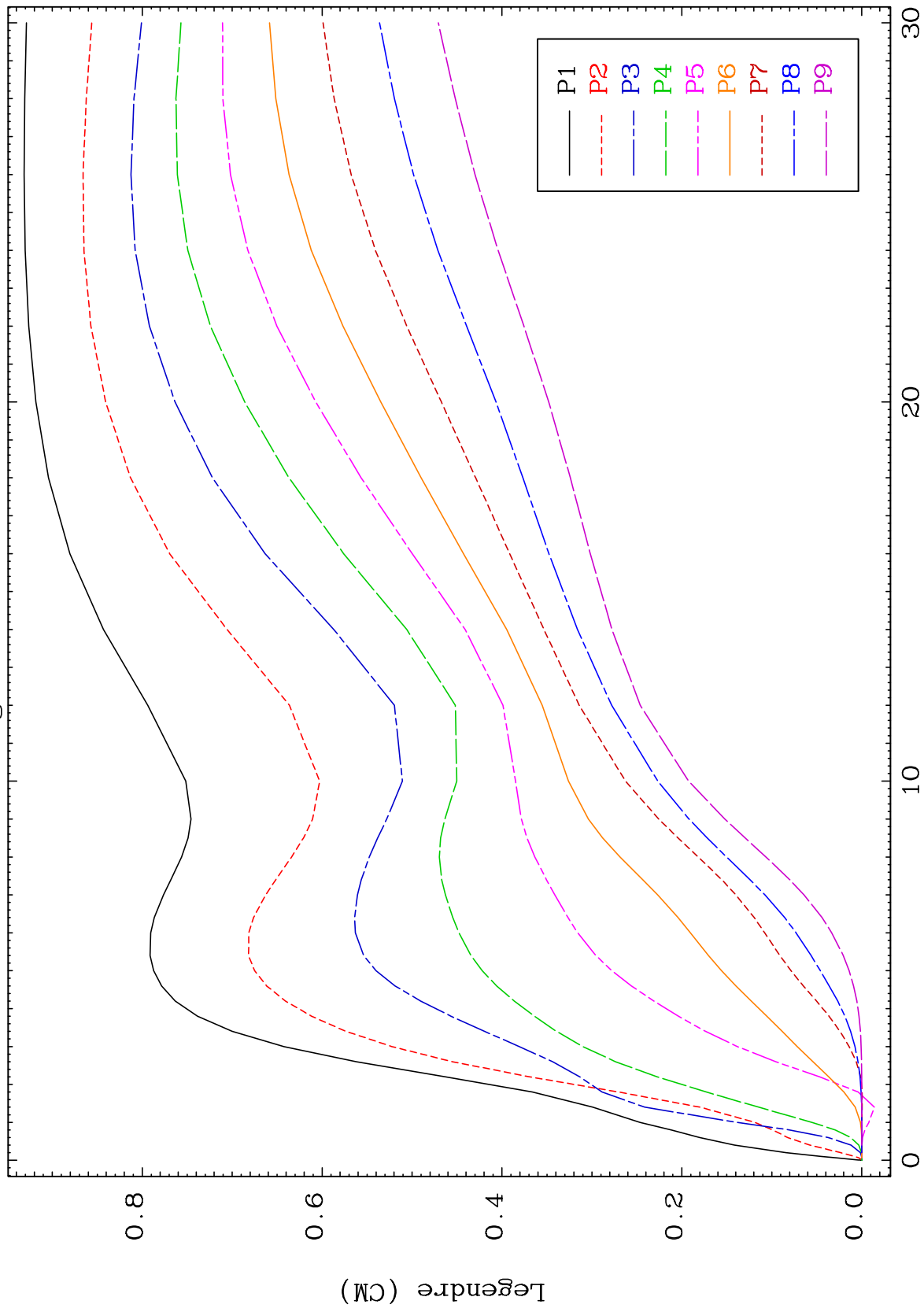




MAT 8422

Elastic Legendre Coefficients

84-Po-205



16

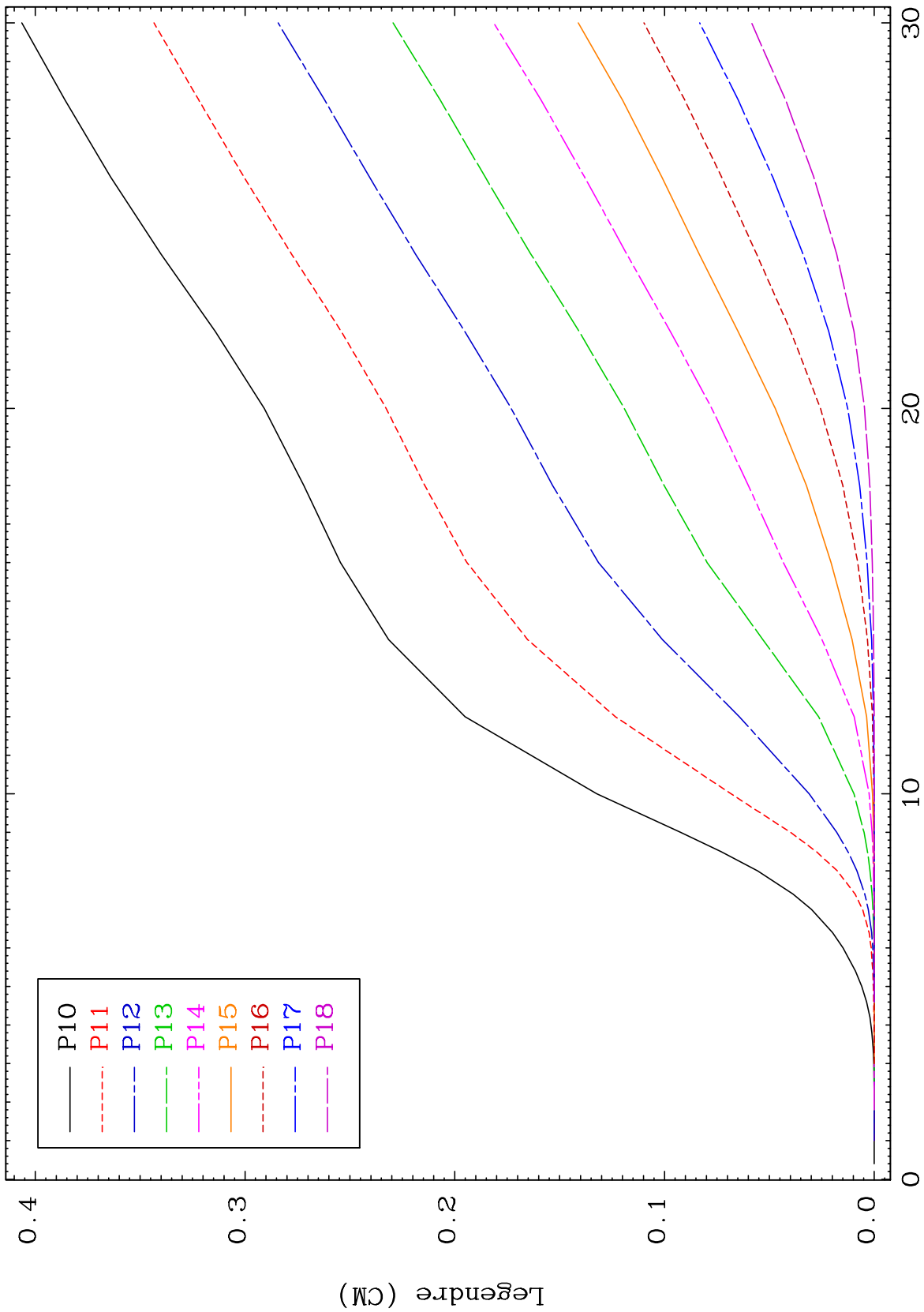
Incident Energy (MeV)

84-Po-205

MAT 8422

Elastic Legendre Coefficients

84-Po-205



17

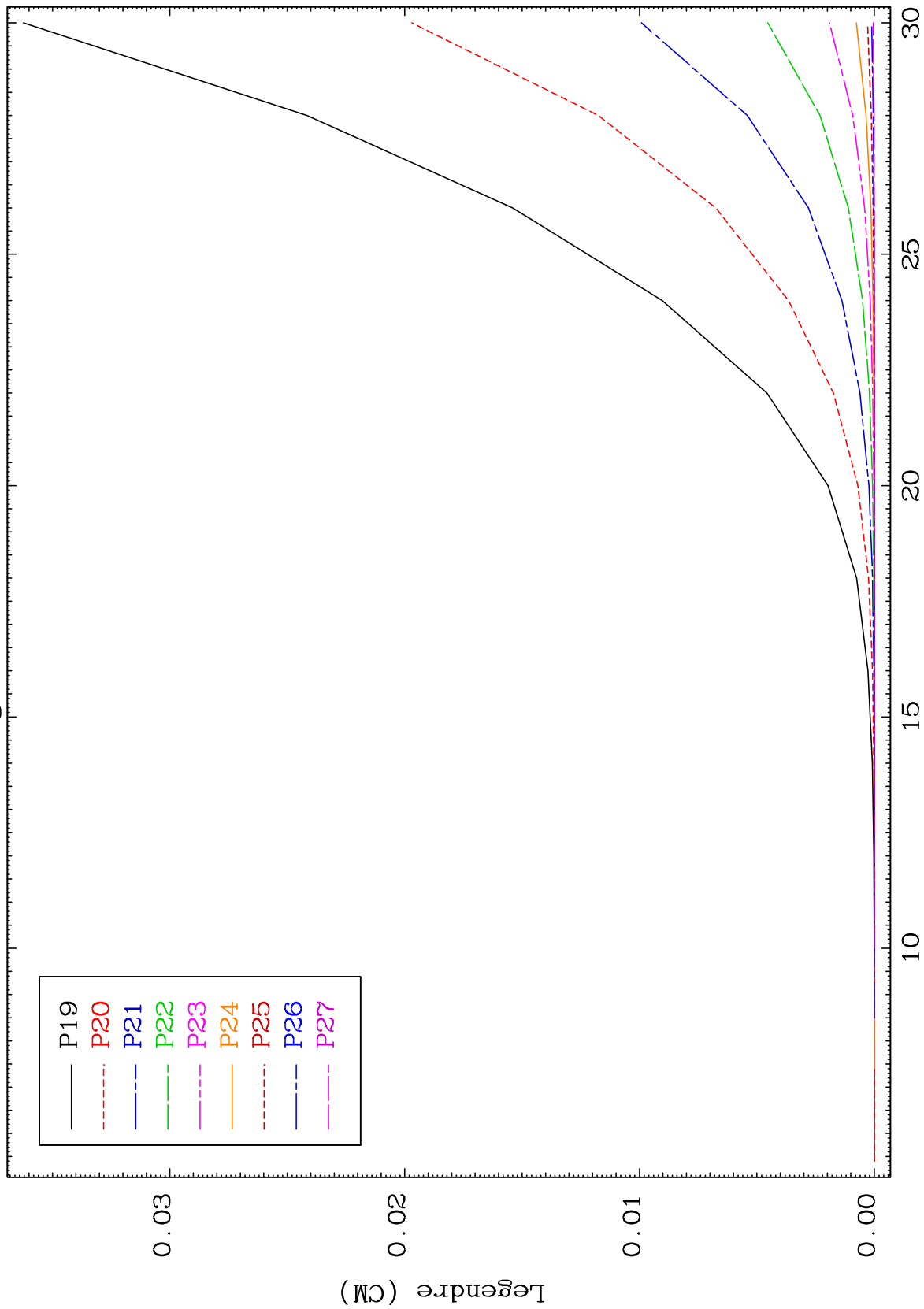
Incident Energy (MeV)

84-Po-205

MAT 8422

Elastic  
Legendre Coefficients

84-Po-205



18

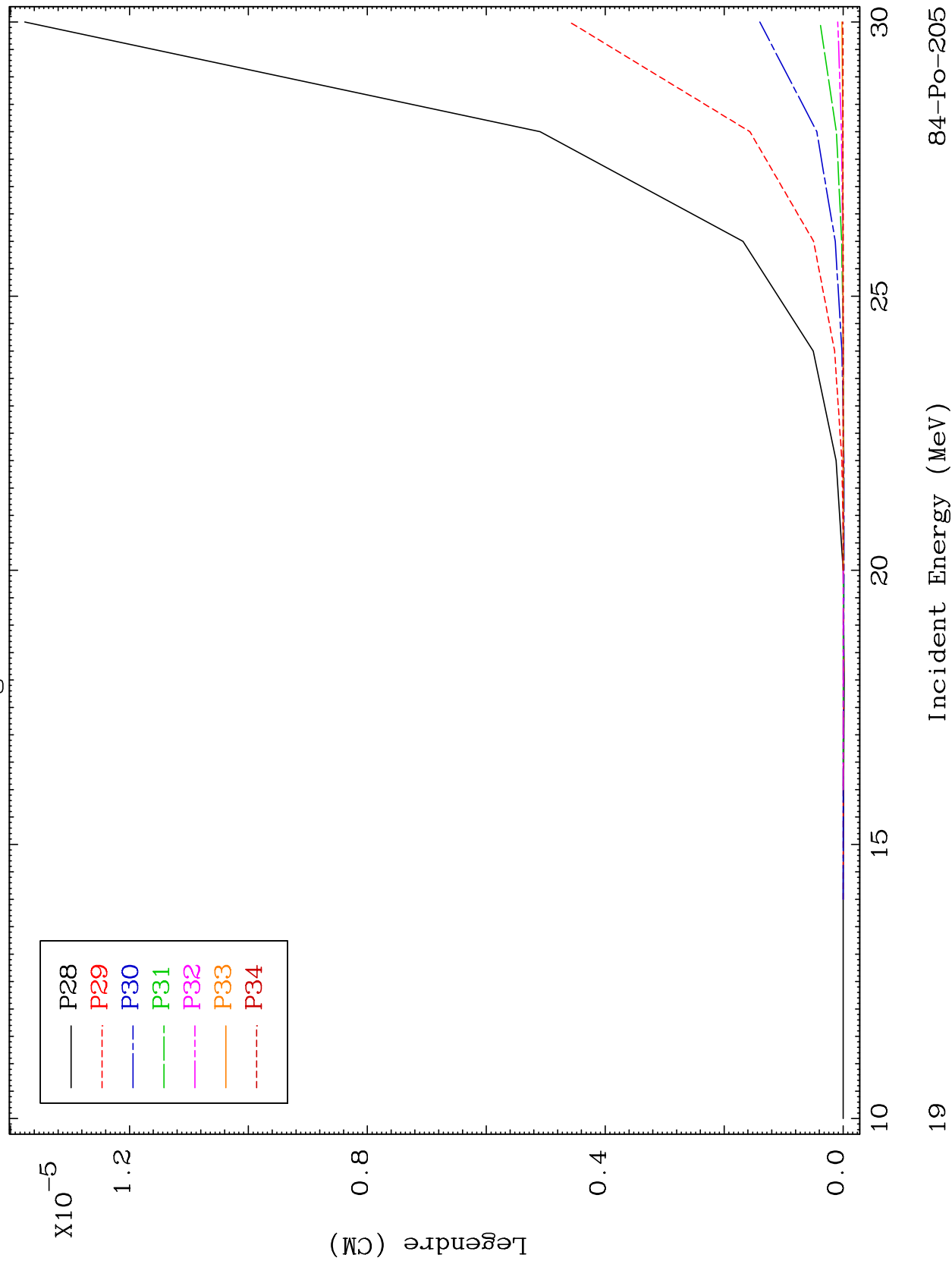
Incident Energy (MeV)

84-Po-205

MAT 8422

Elastic Legendre Coefficients

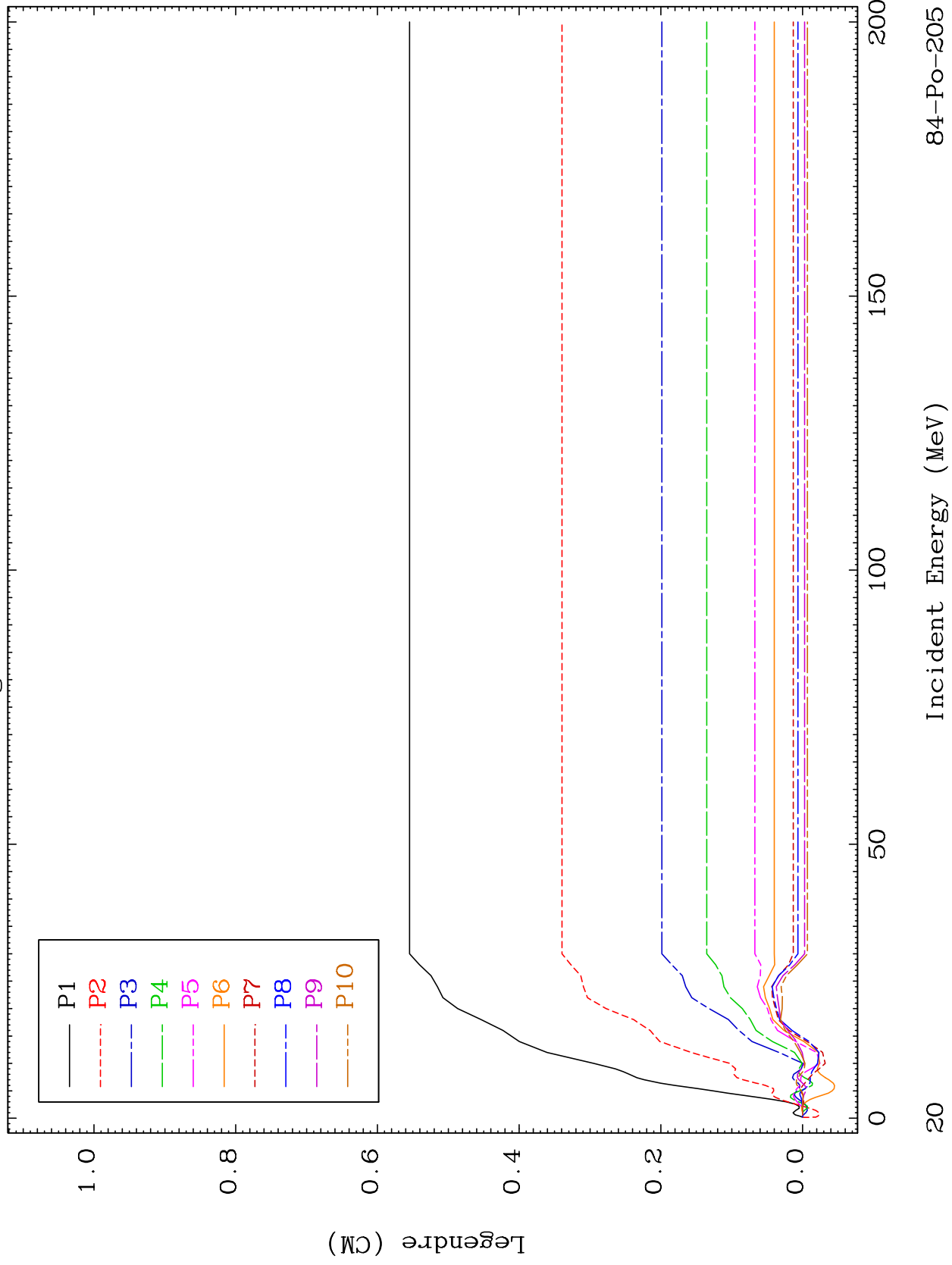
84-Po-205



MAT 8422

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

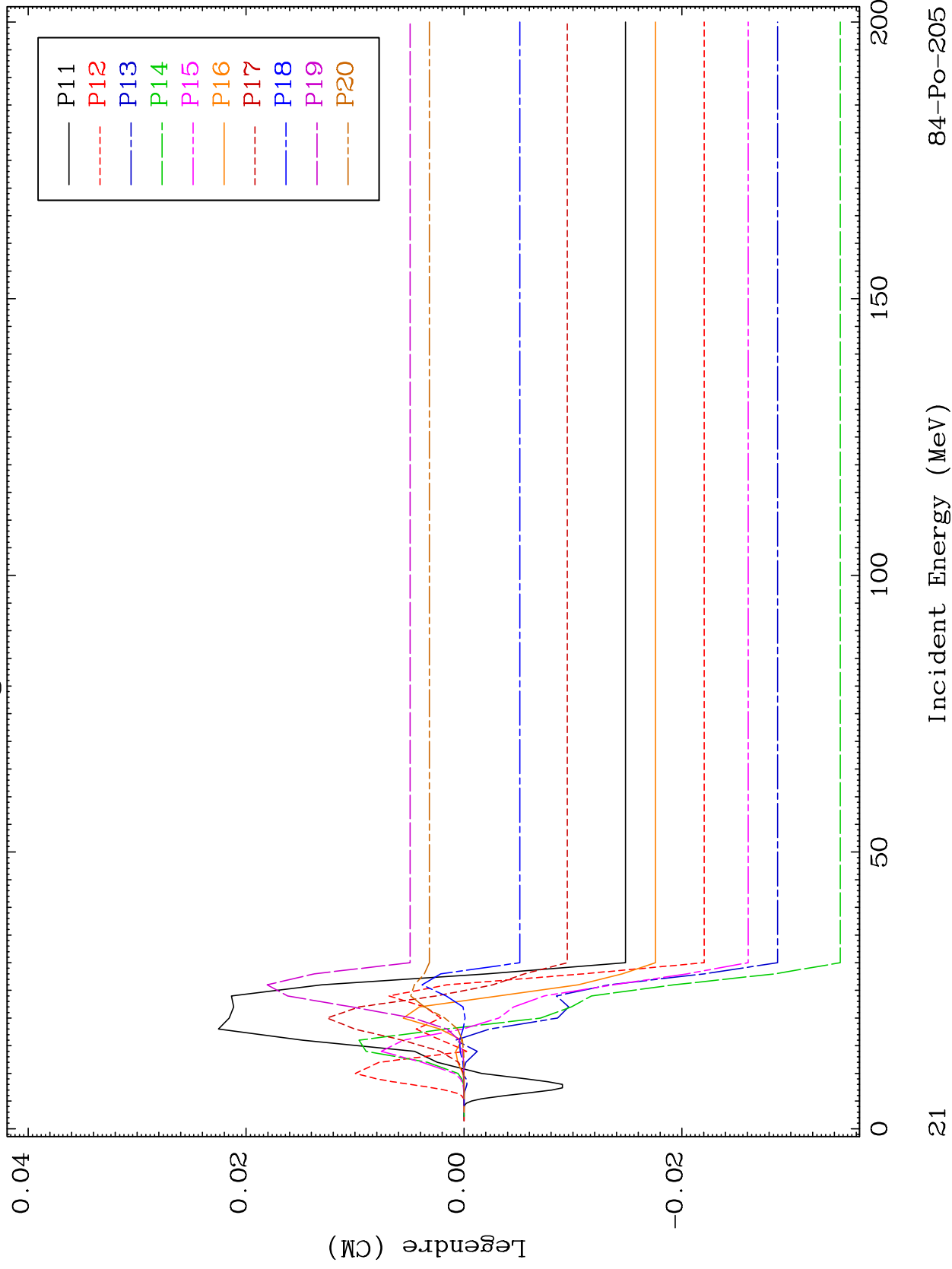
84-Po-205



MAT 8422

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

84-Po-205



84-Po-205

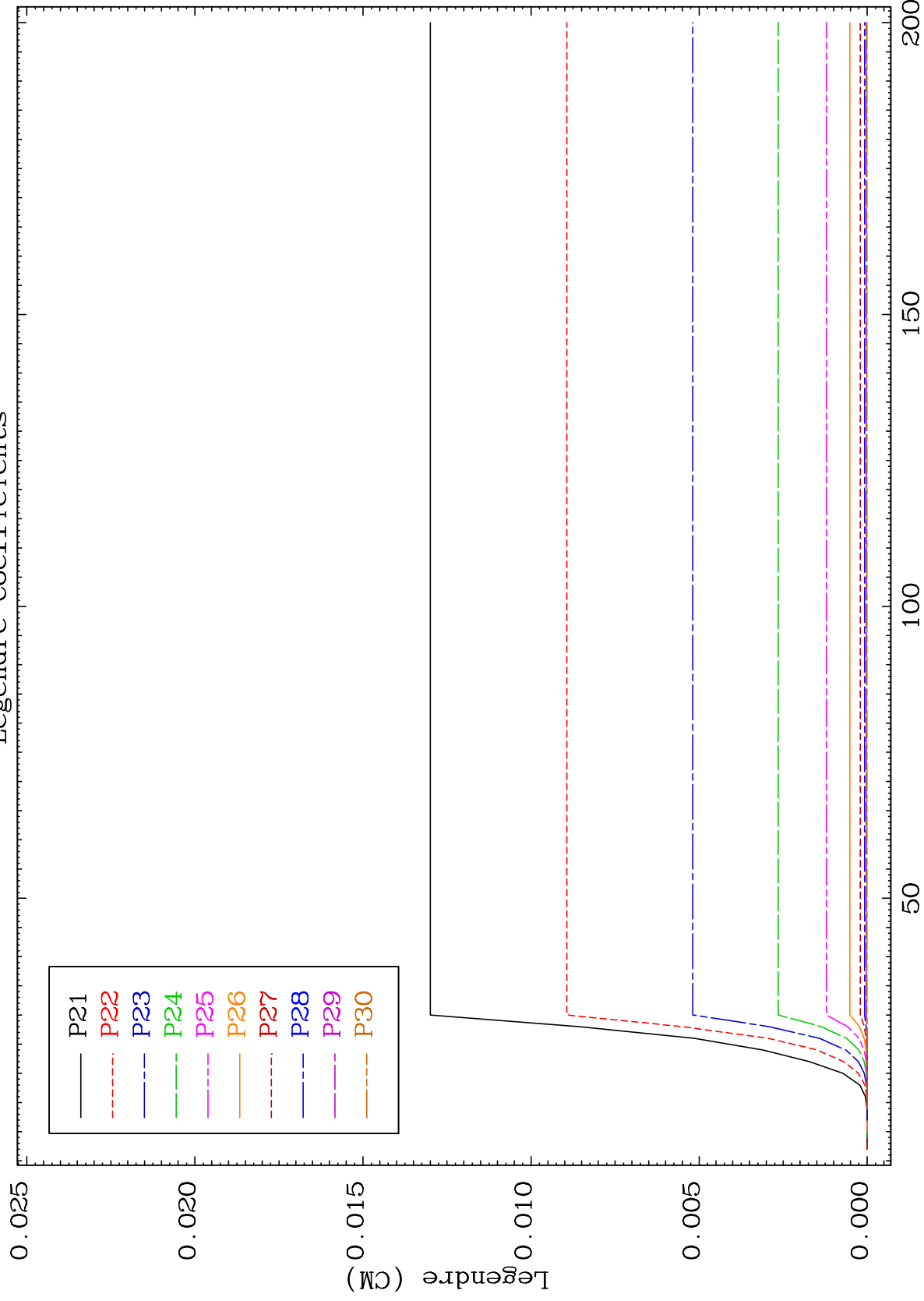
Incident Energy (MeV)

21

MAT 8422

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

84-Po-205



22

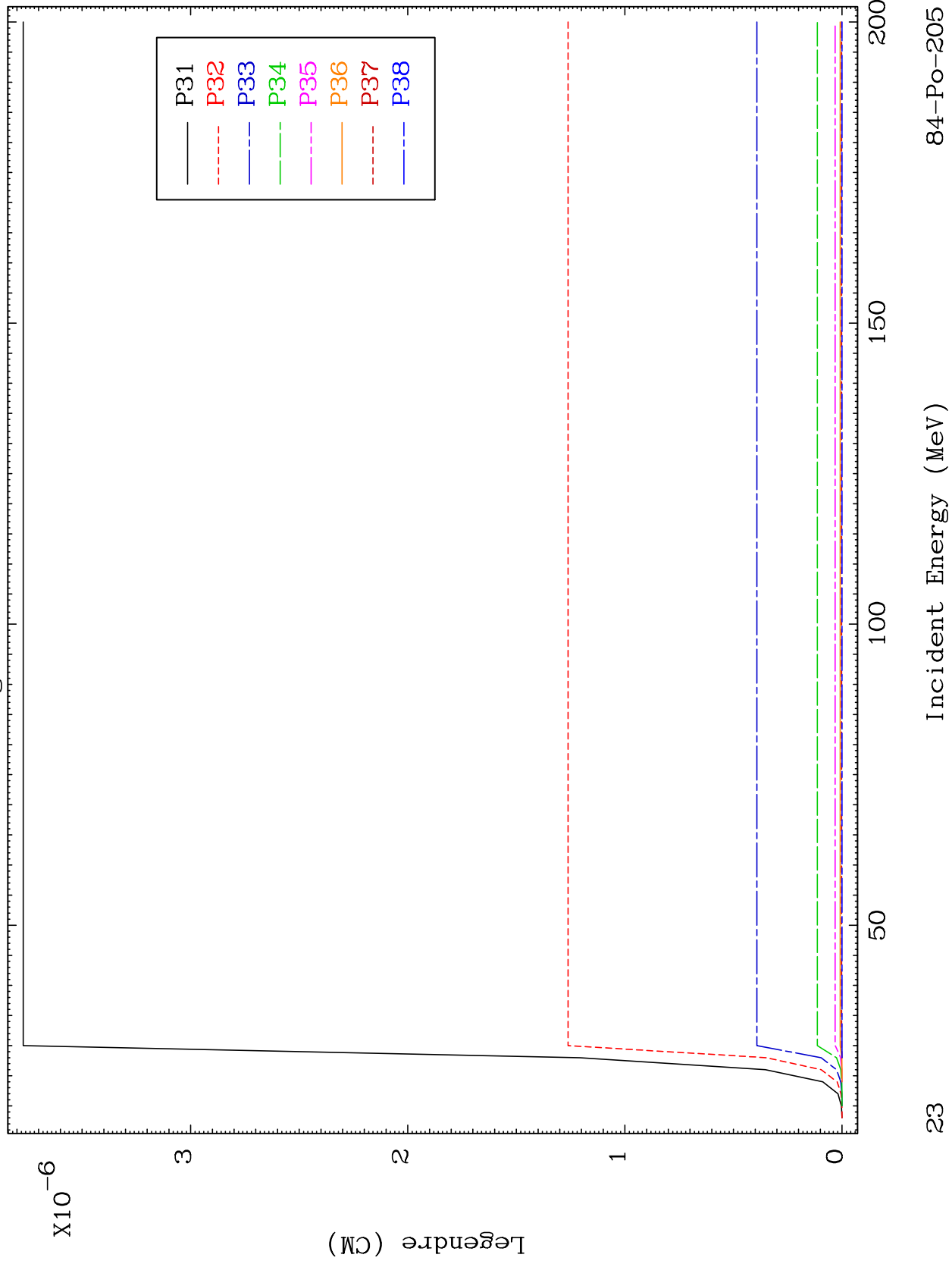
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



23

Incident Energy (MeV)

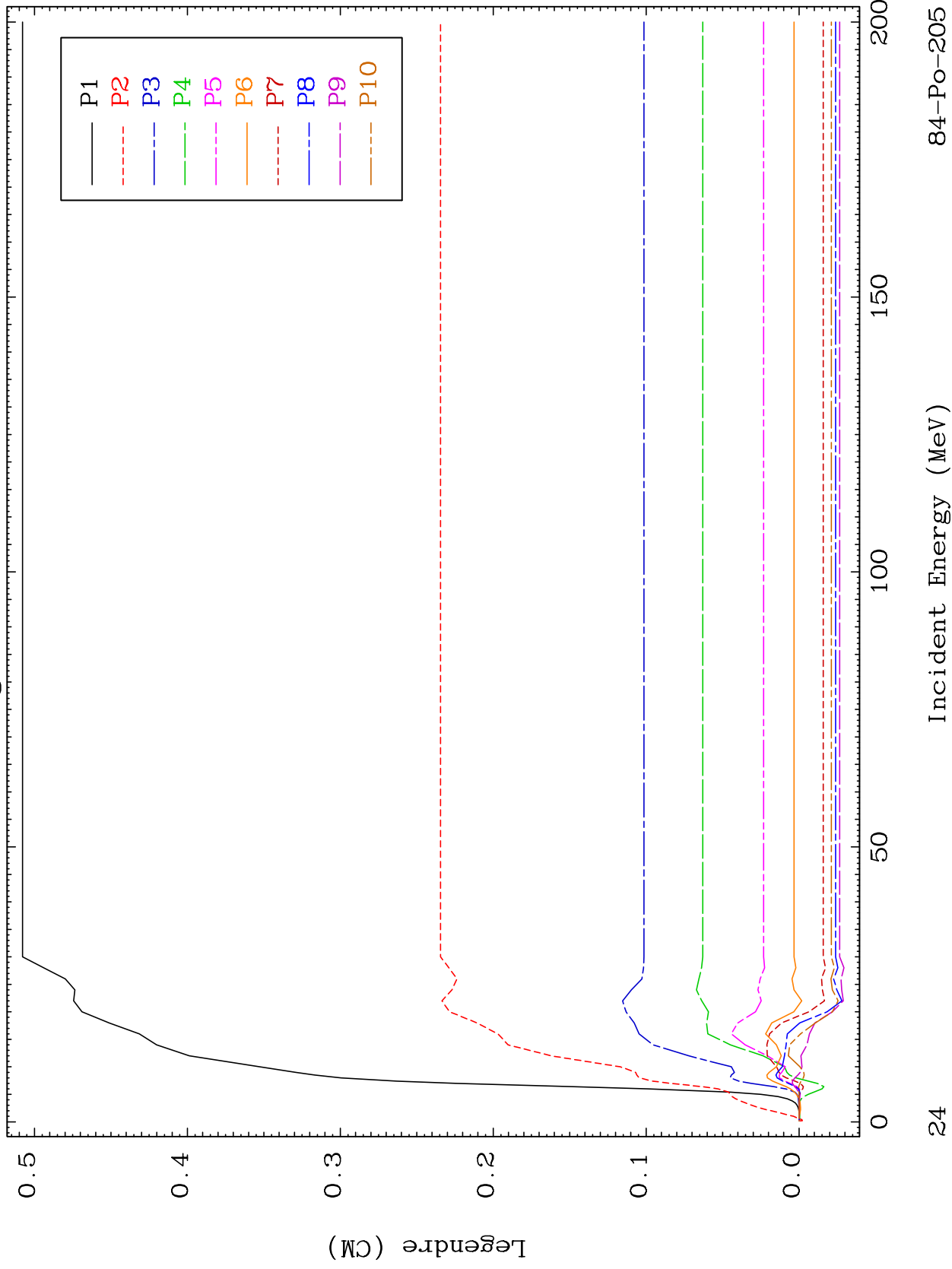
84-Po-205



MAT 8422

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

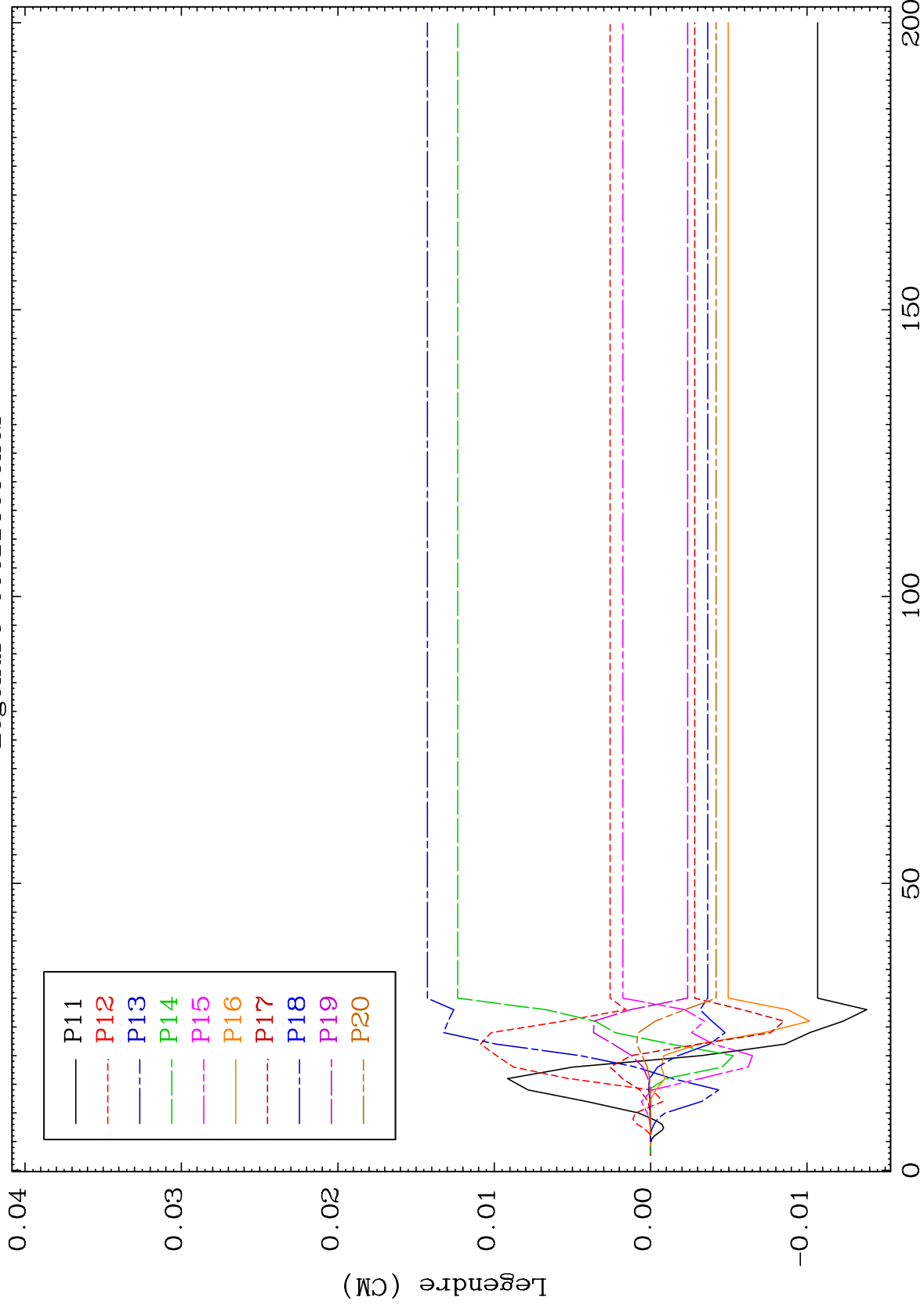
84-Po-205



MAT 8422

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

84-Po-205



25

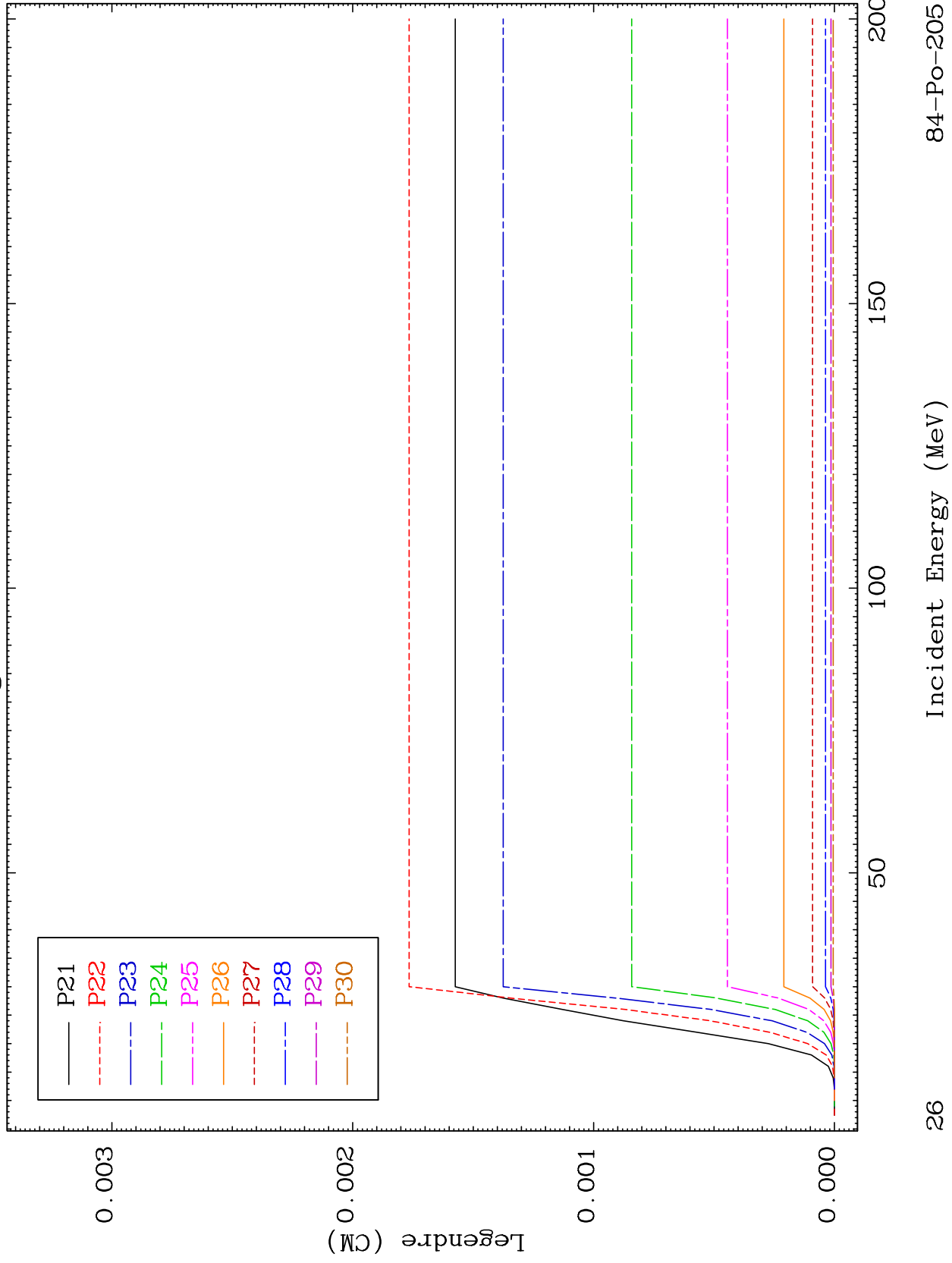
Incident Energy (MeV)

84-Po-205

MAT 8422

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

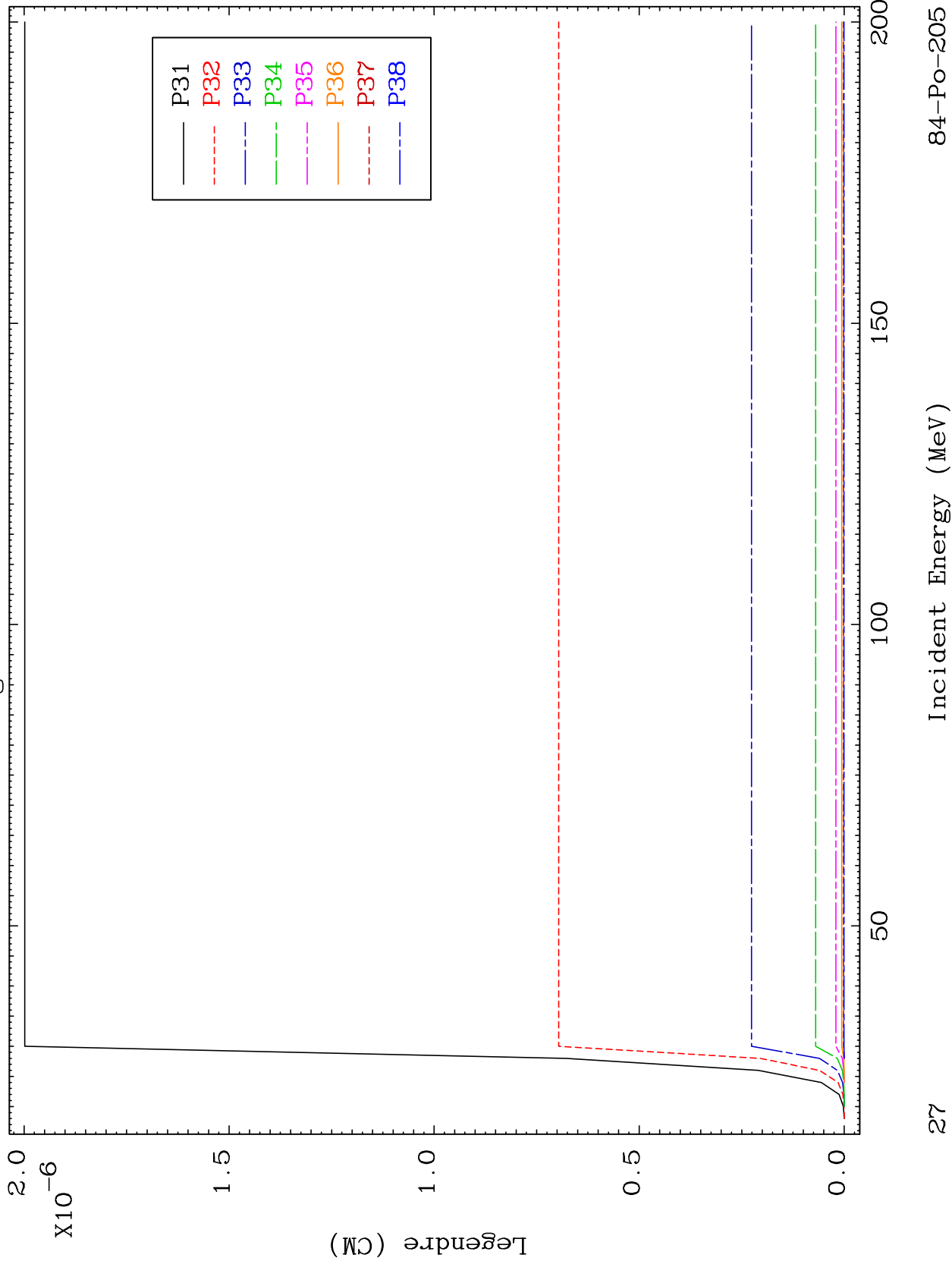
84-Po-205



26

Incident Energy (MeV)

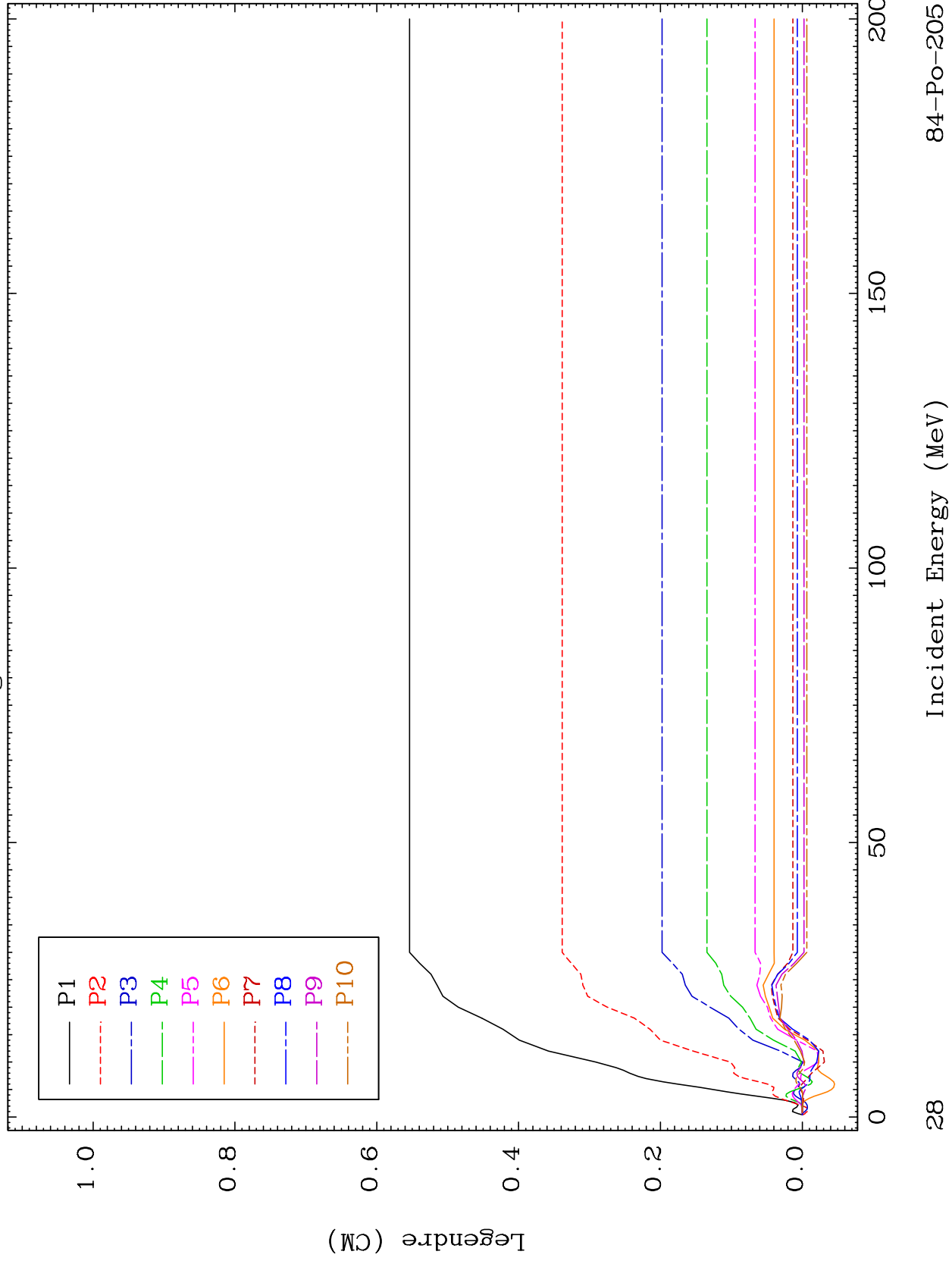
84-Po-205



MAT 8422

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

84-Po-205

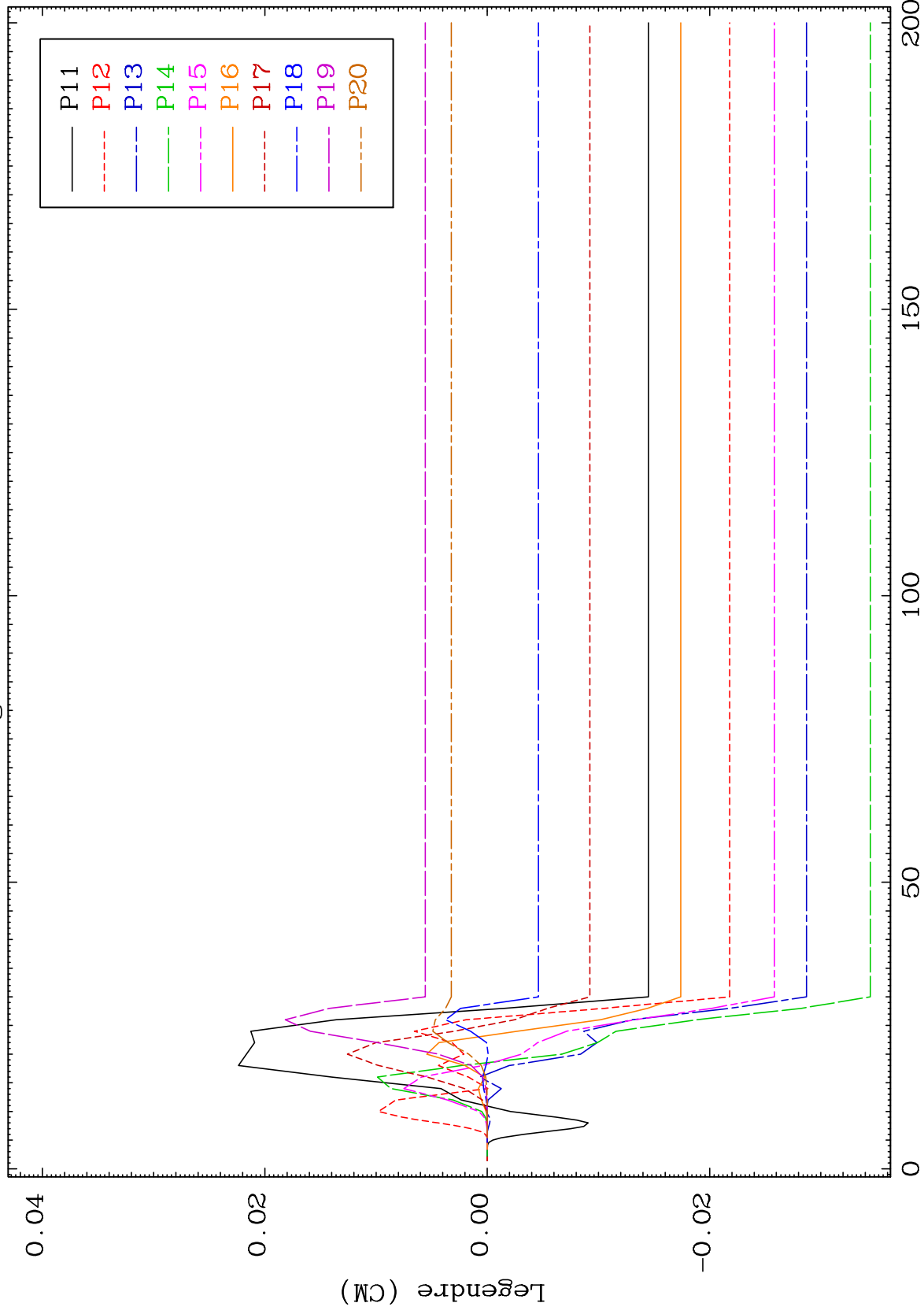


28

MAT 8422

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

84-Po-205



29

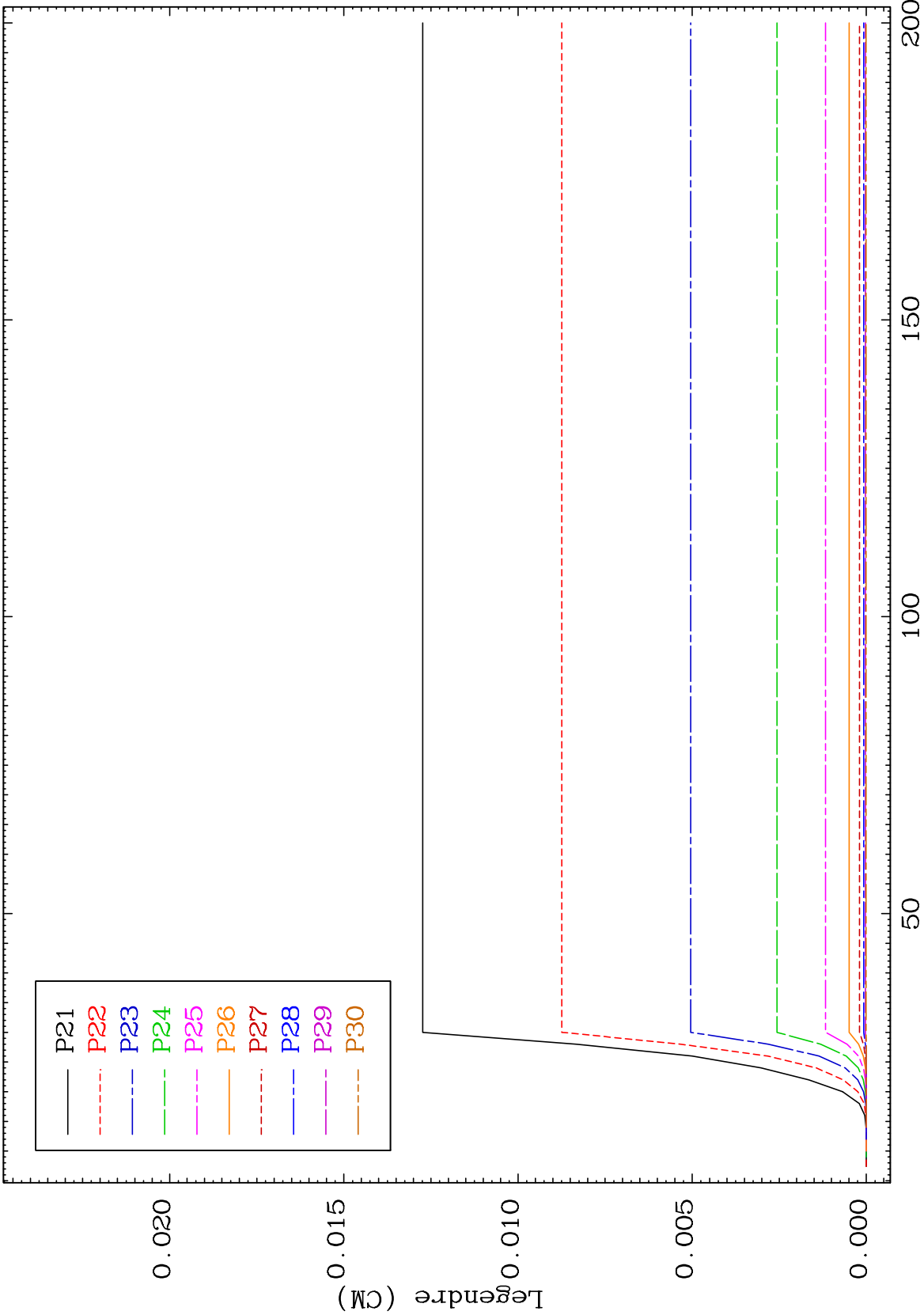
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



30

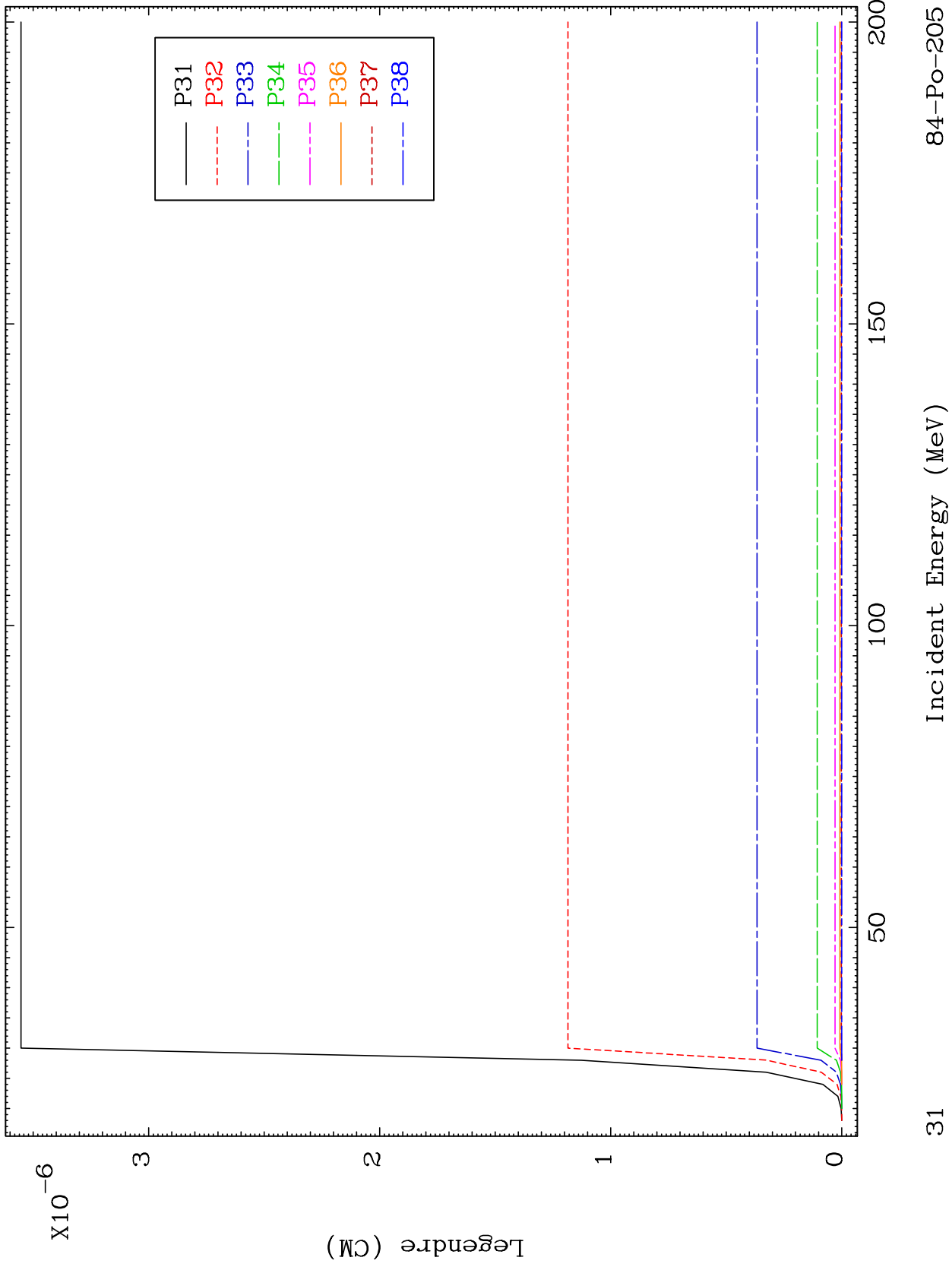
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205

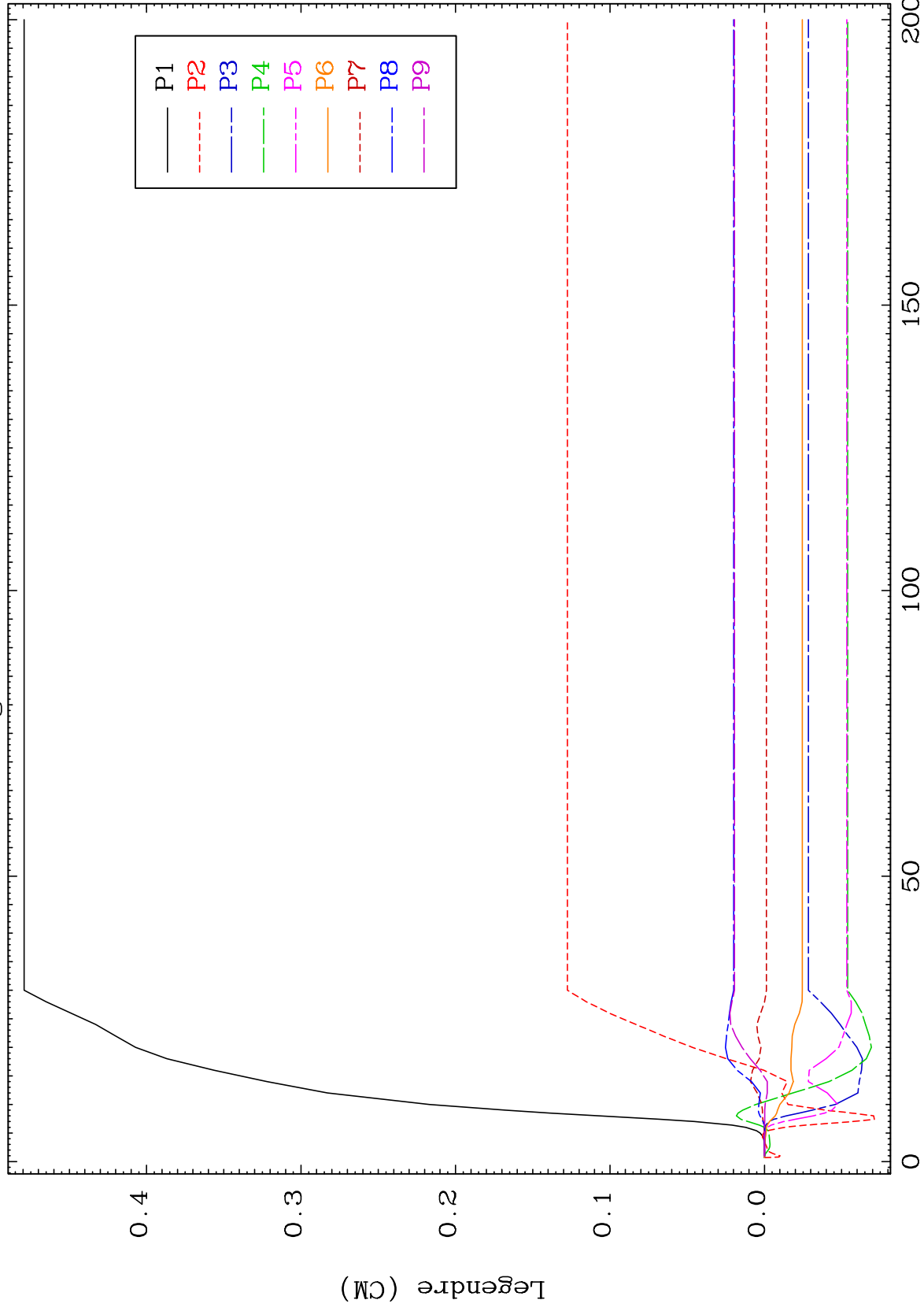




MAT 8422

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

84-Po-205



32

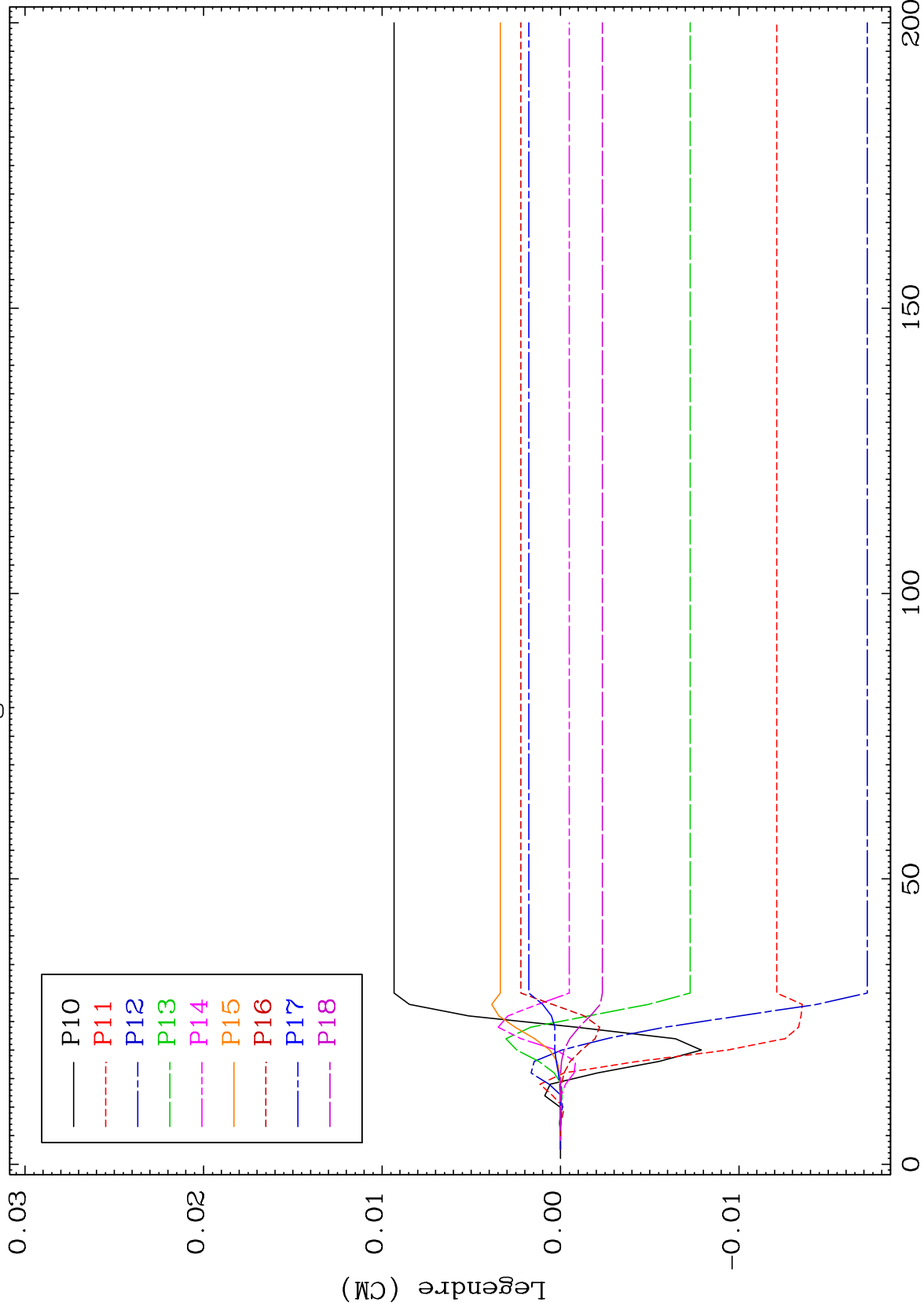
Incident Energy (MeV)

84-Po-205

MAT 8422

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

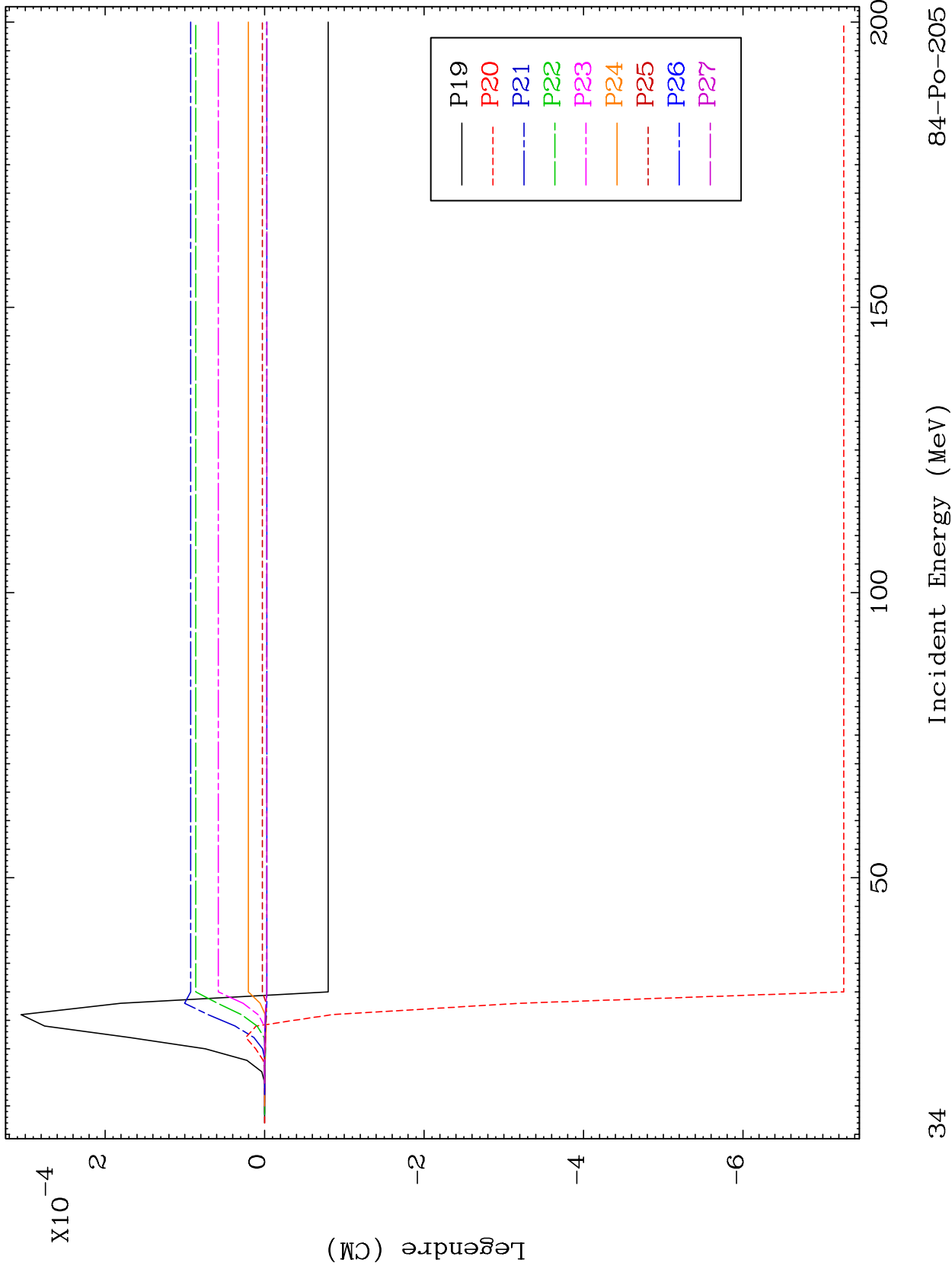
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MAT 8422

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

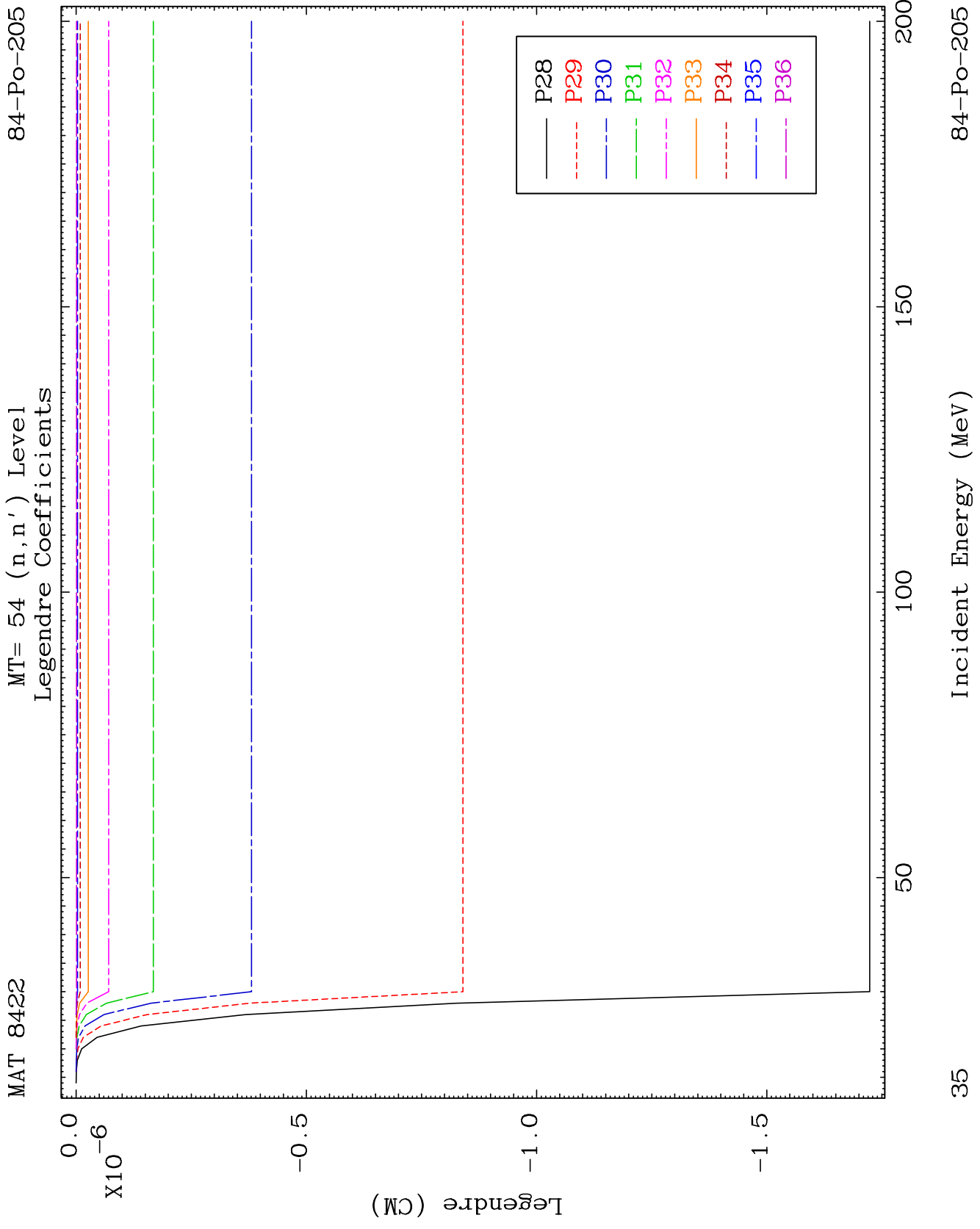
84-Po-205



34

Incident Energy (MeV)

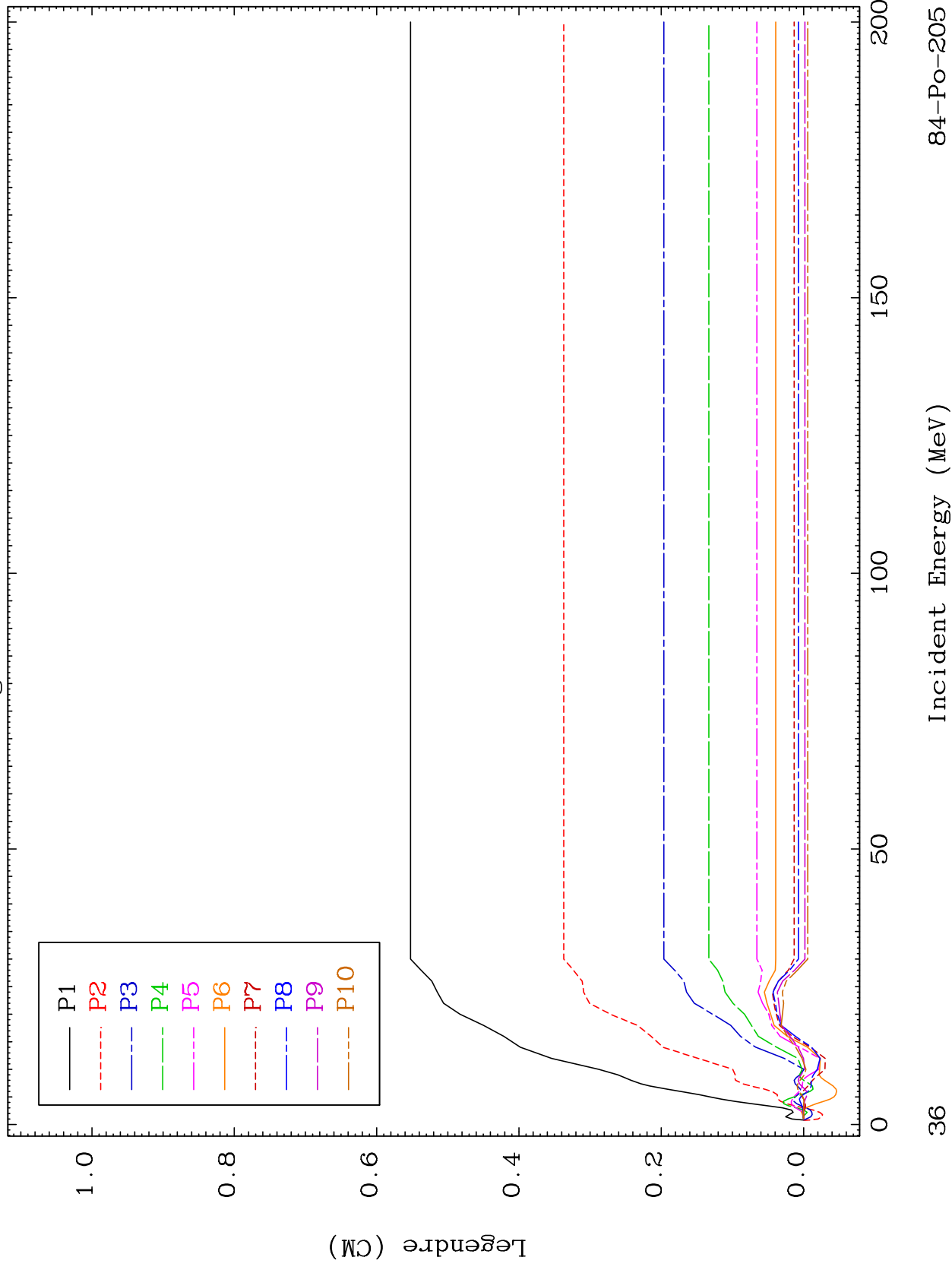
84-Po-205



MAT 8422

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

84-Po-205

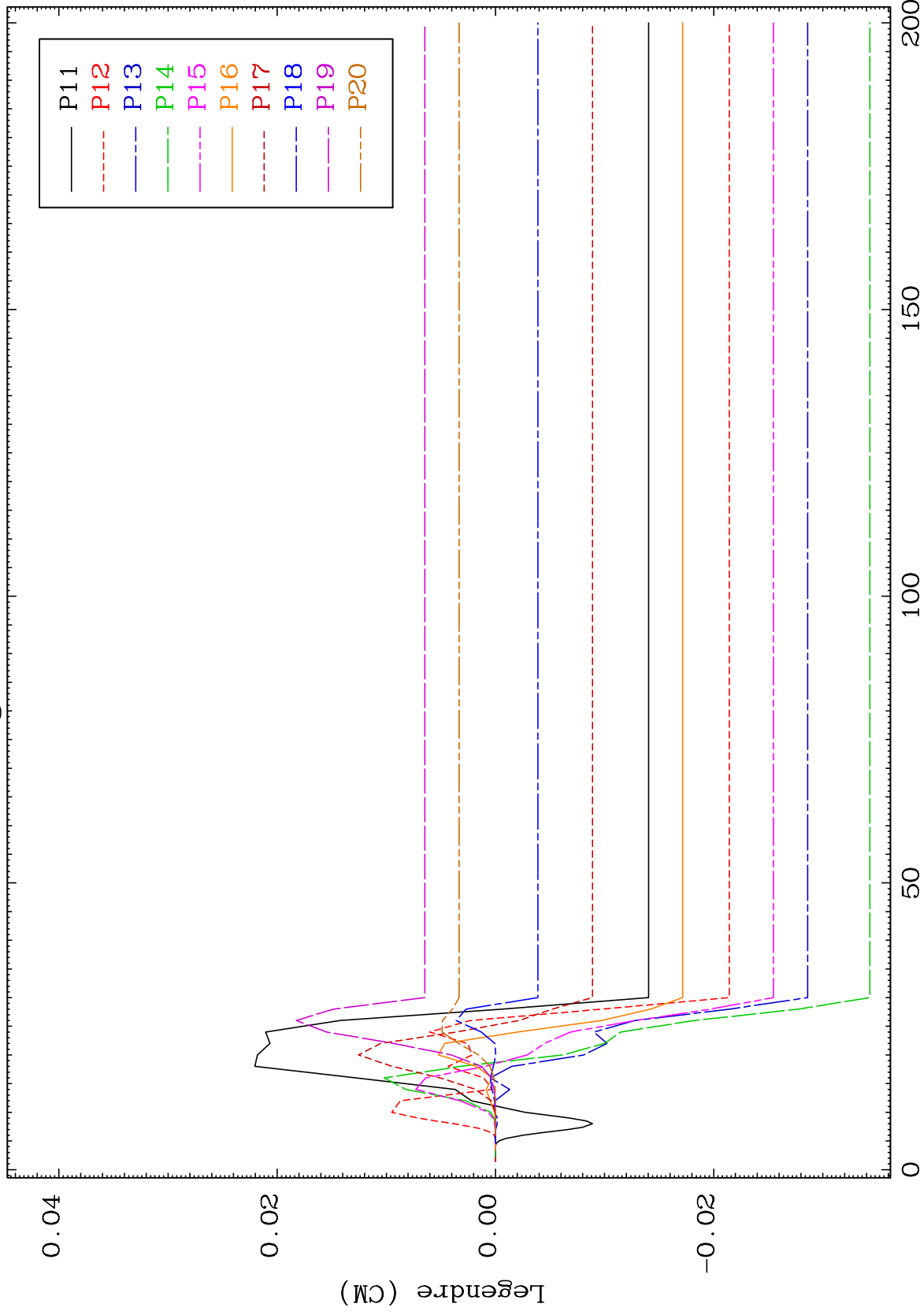


36

MAT 8422

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

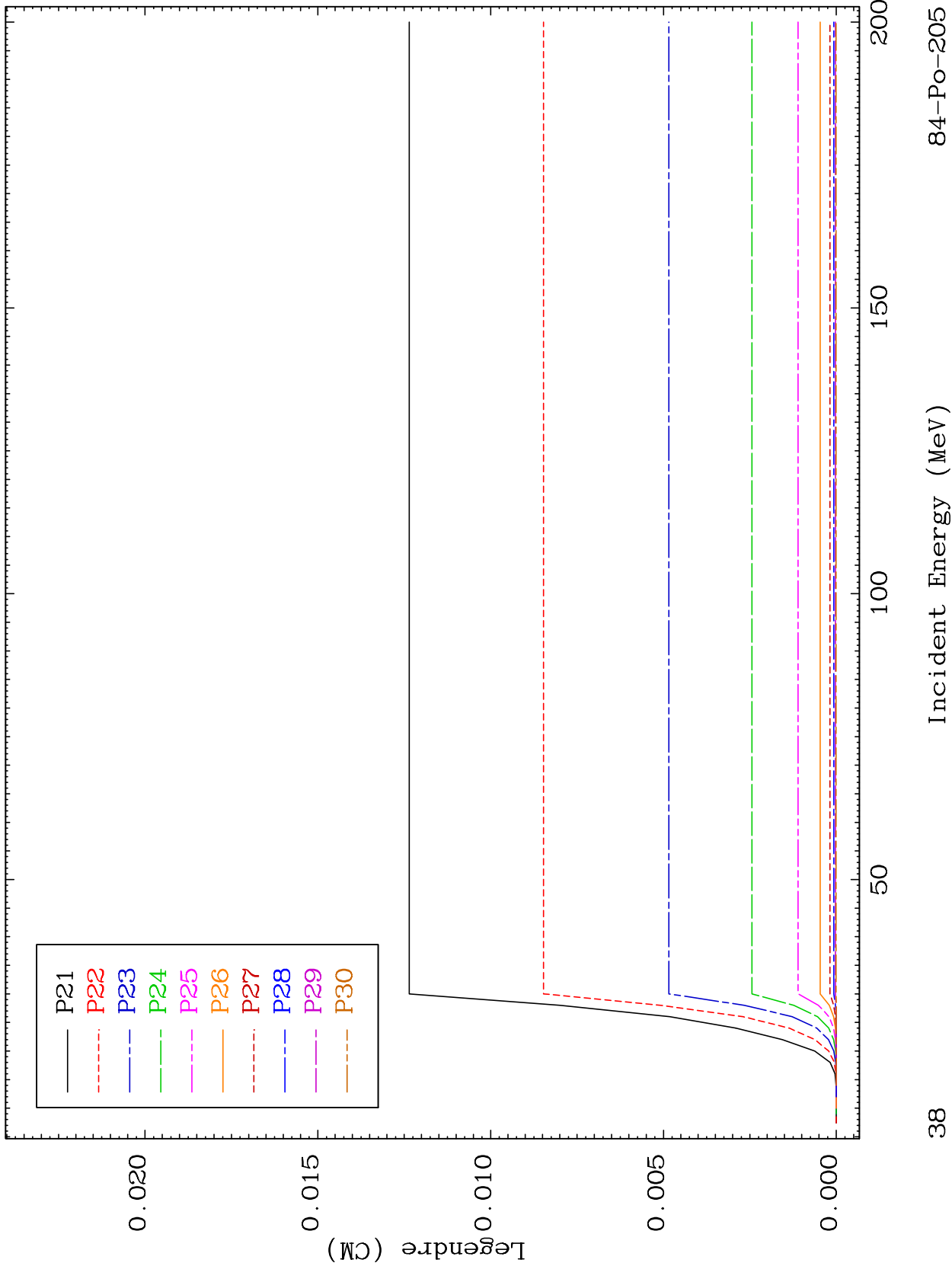
84-Po-205



37

Incident Energy (MeV)

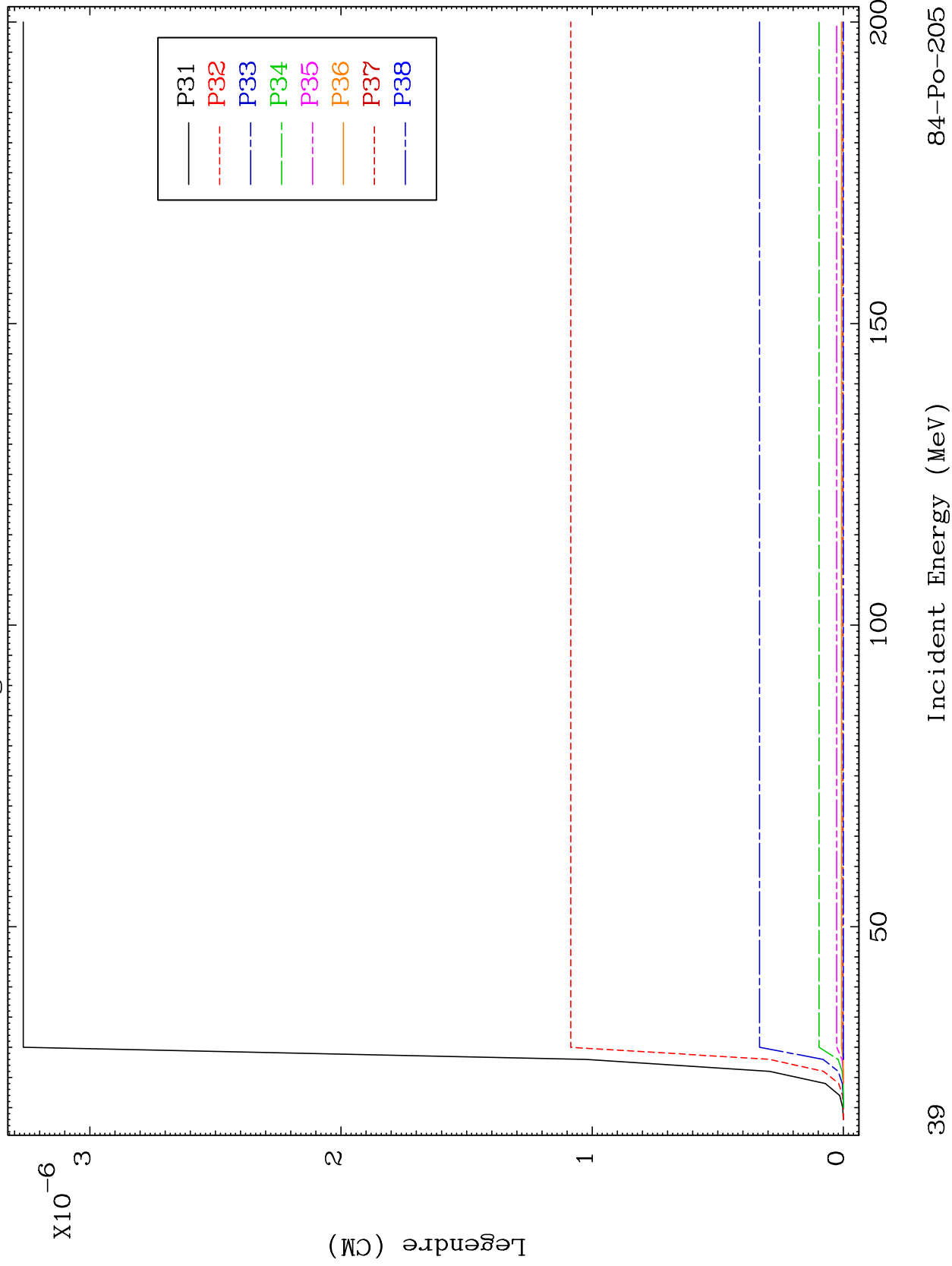
84-Po-205



MAT 8422

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

84-Po-205



39

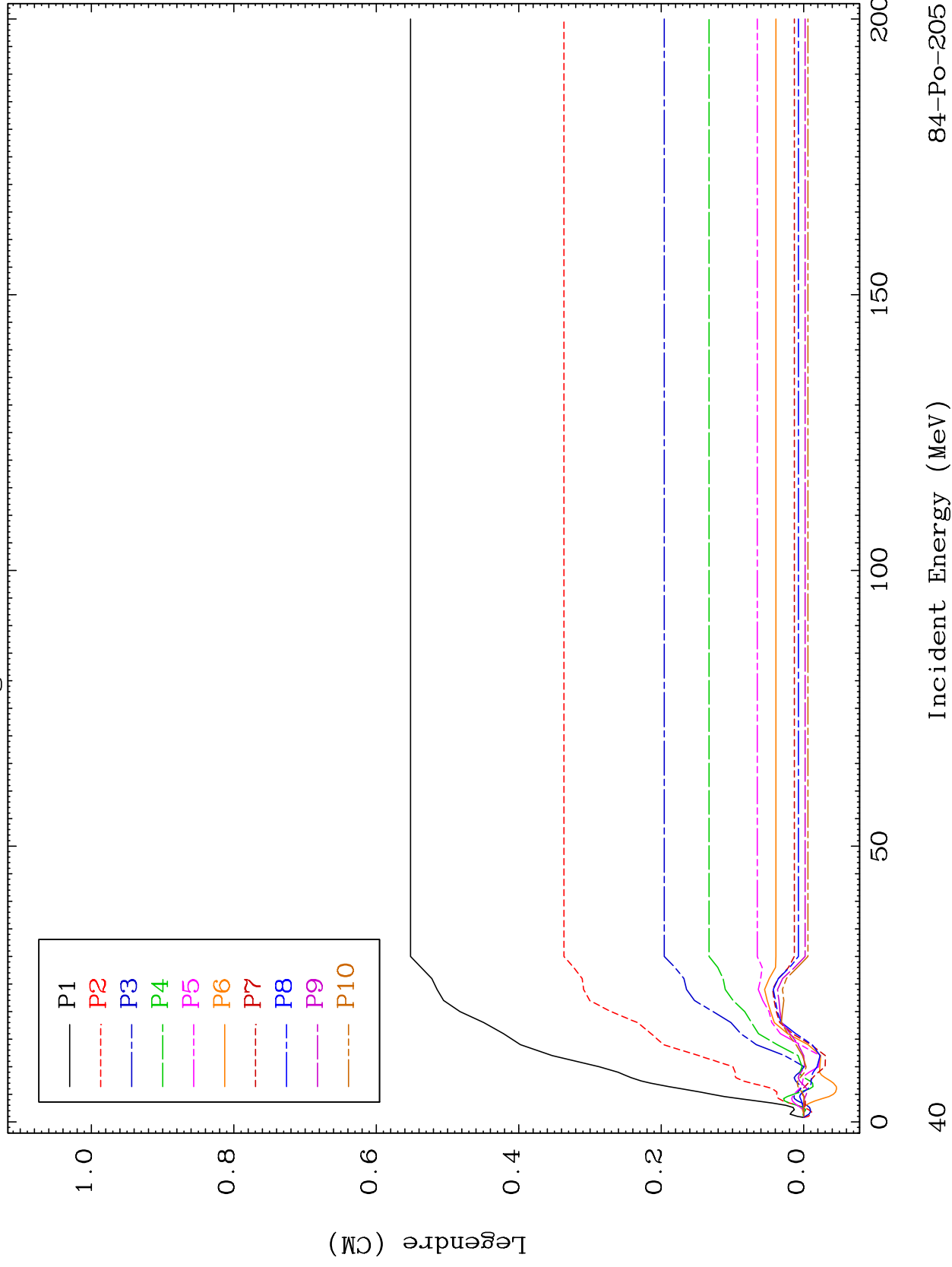
84-Po-205



MAT 8422

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

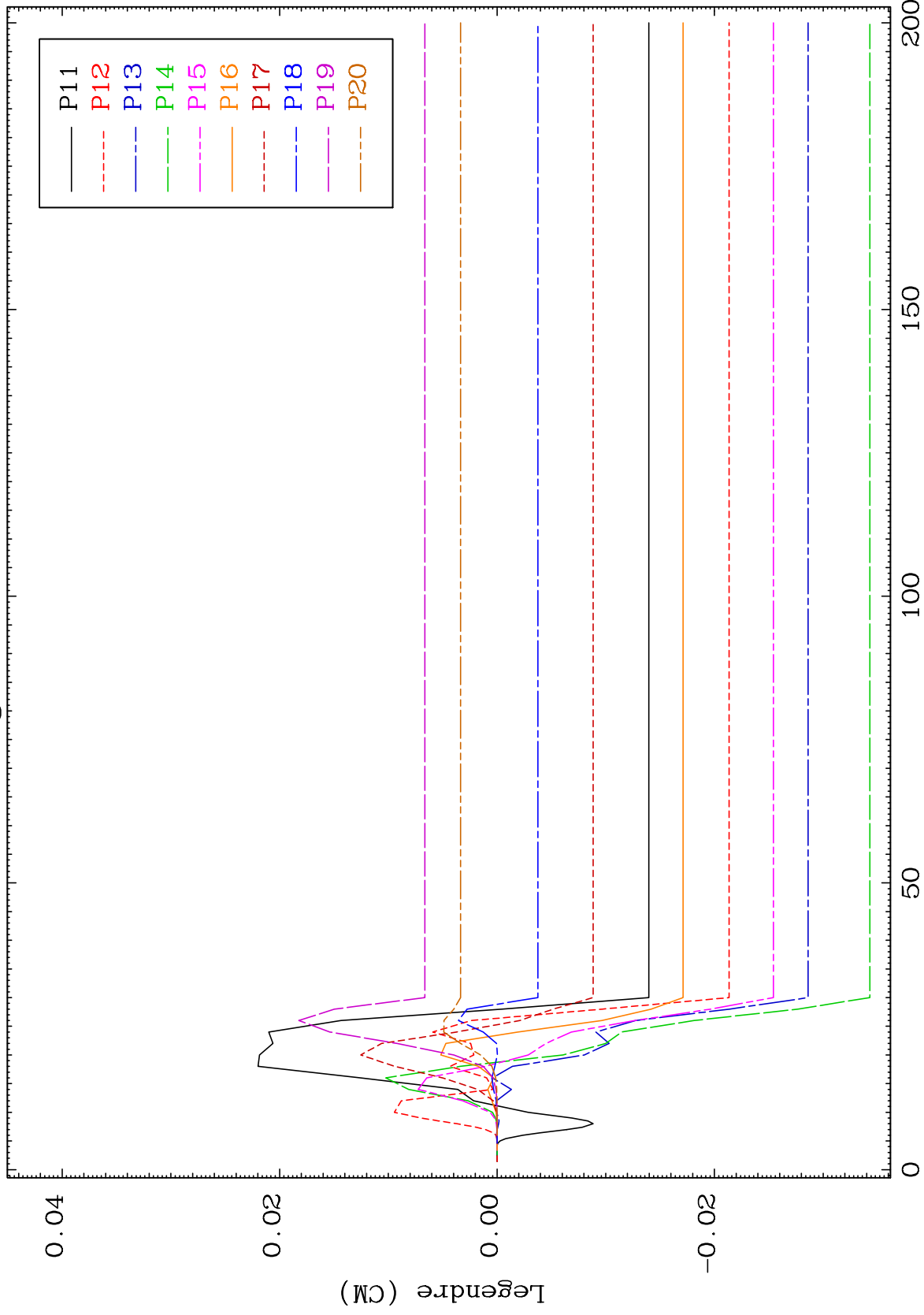
84-Po-205



MAT 8422

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

84-Po-205



41

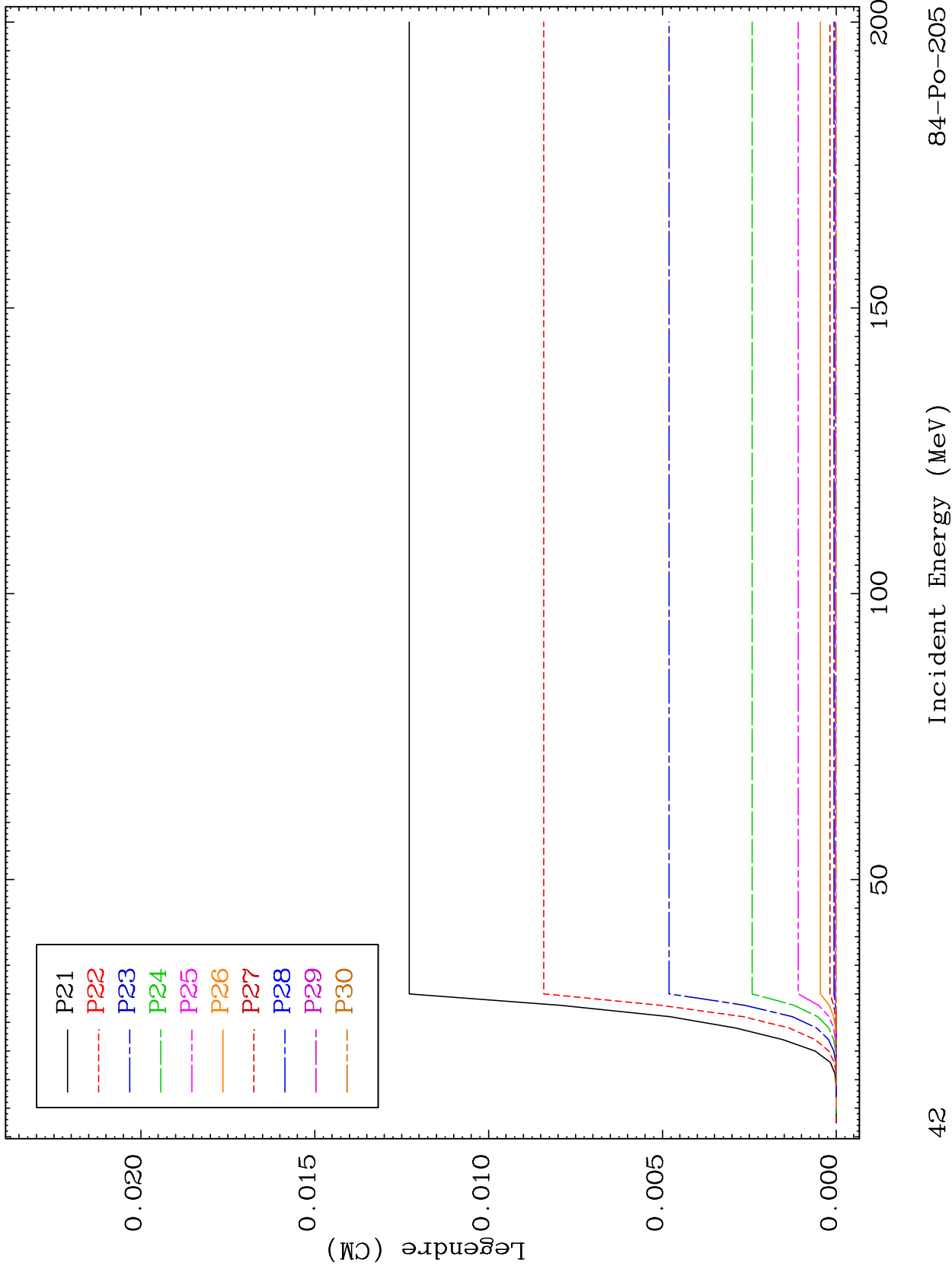
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



42

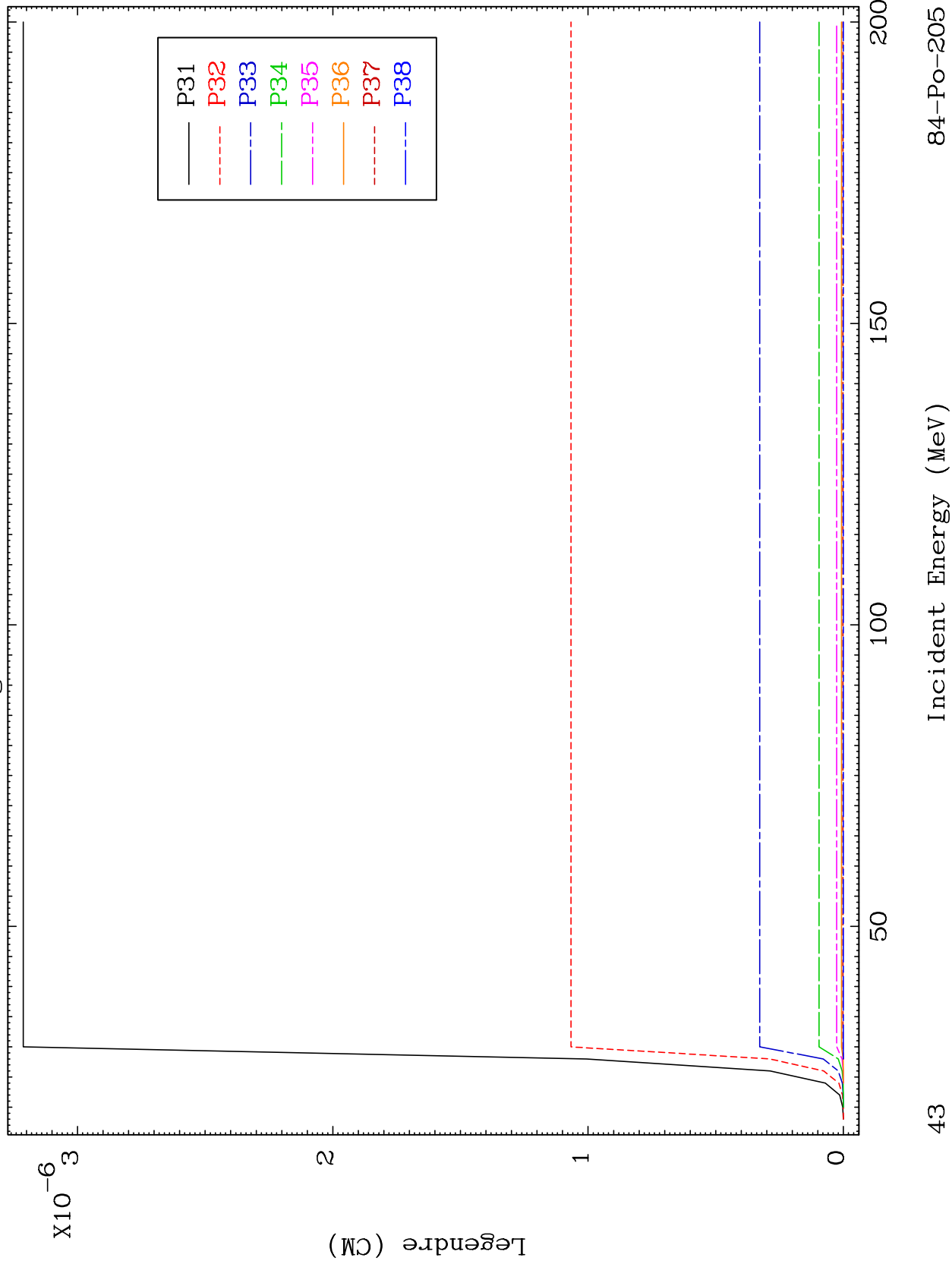
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



43

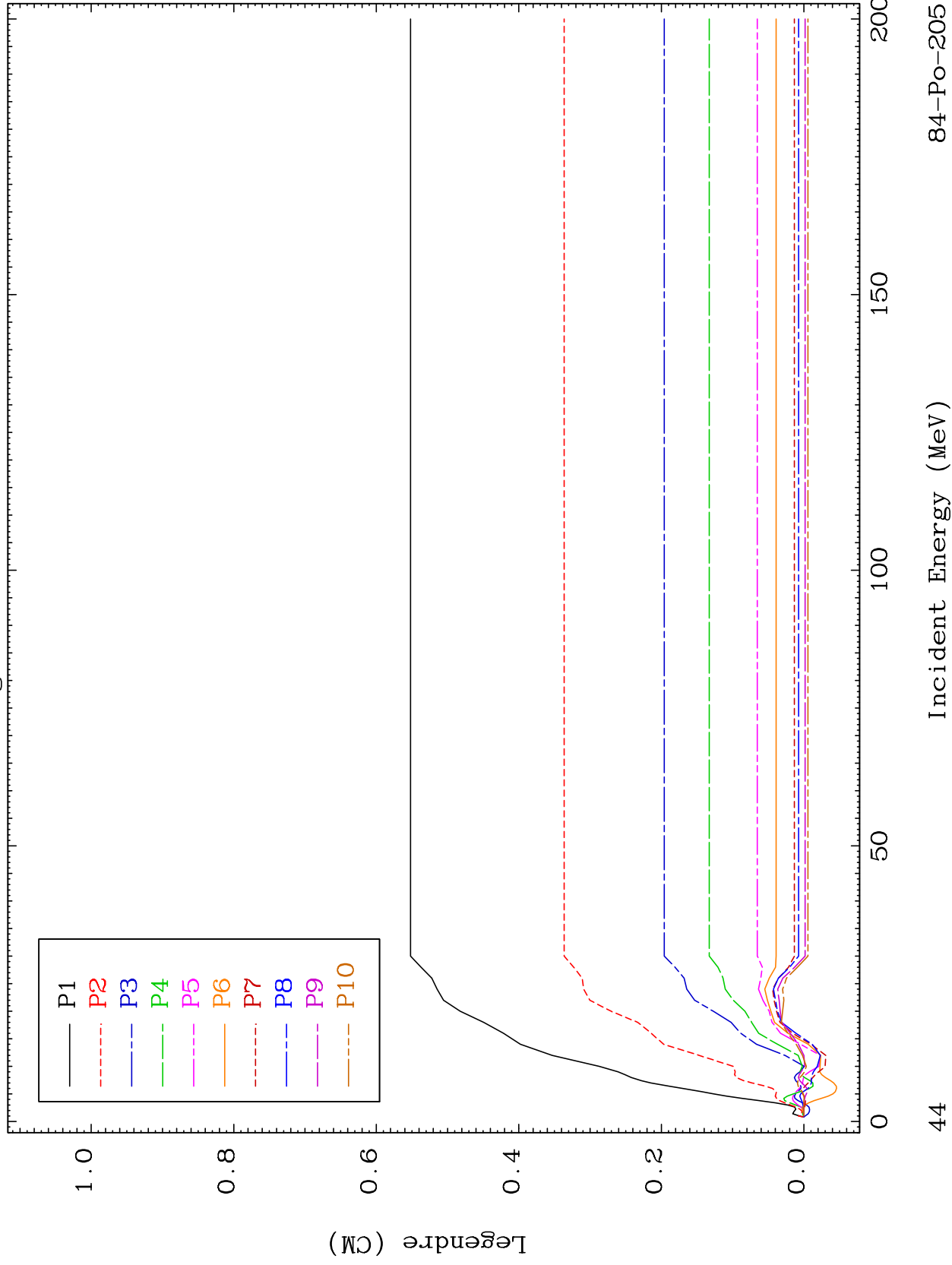
Incident Energy (MeV)

84-Po-205

MAT 8422

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

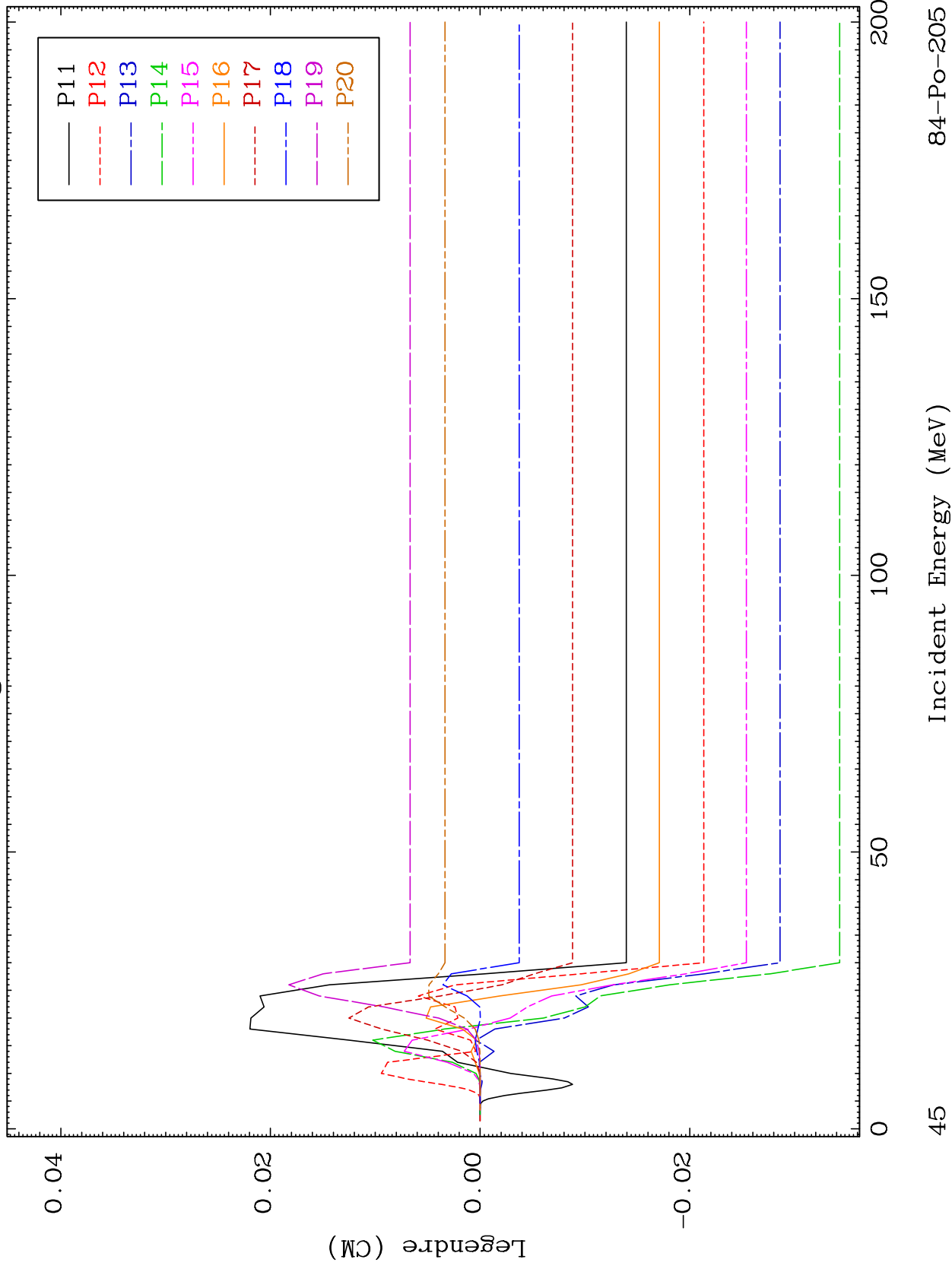
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MAT 8422

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

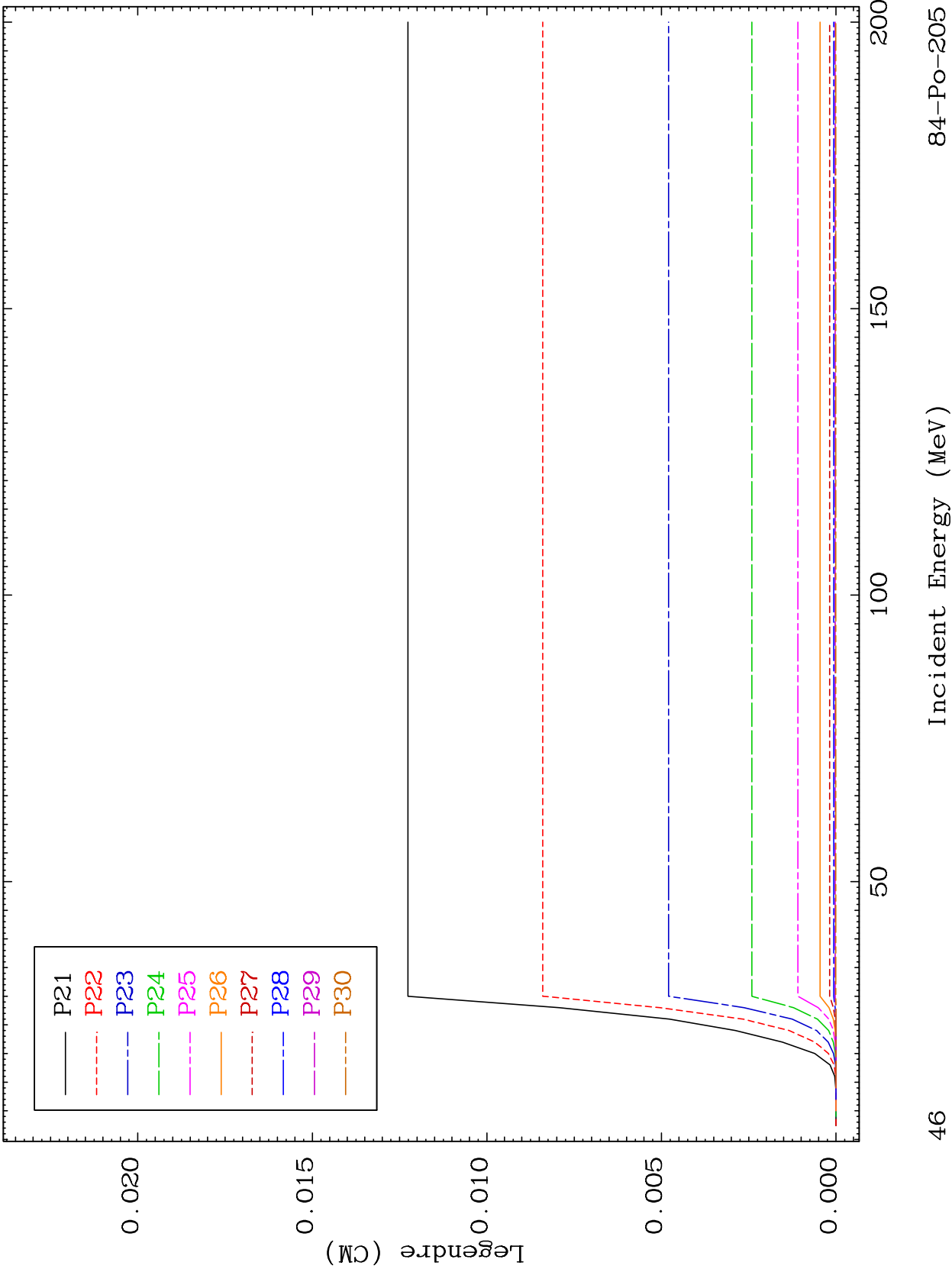
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84-Po-205

Incident Energy (MeV)

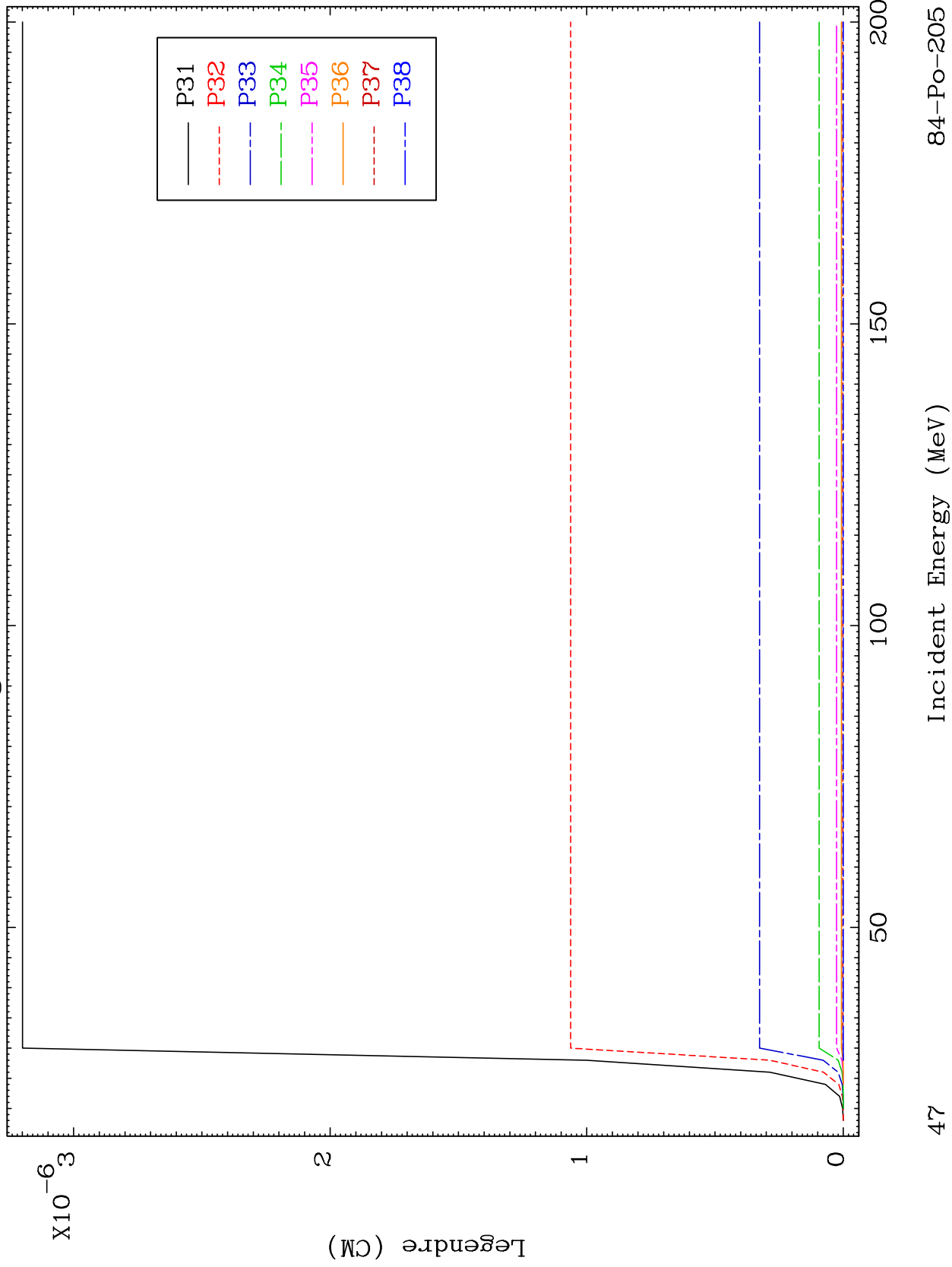
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MAT 8422

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

84-Po-205

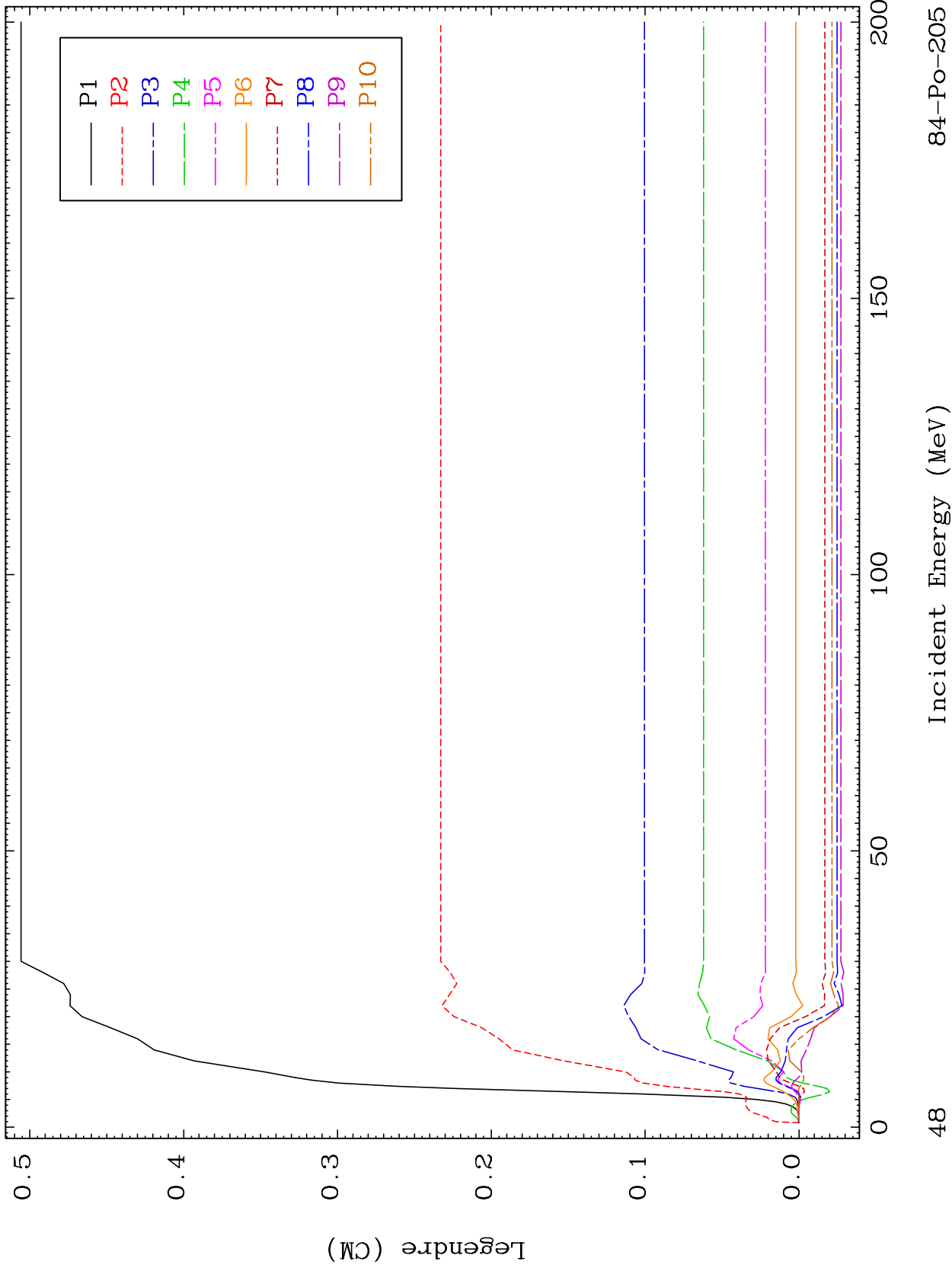




MAT 8422

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

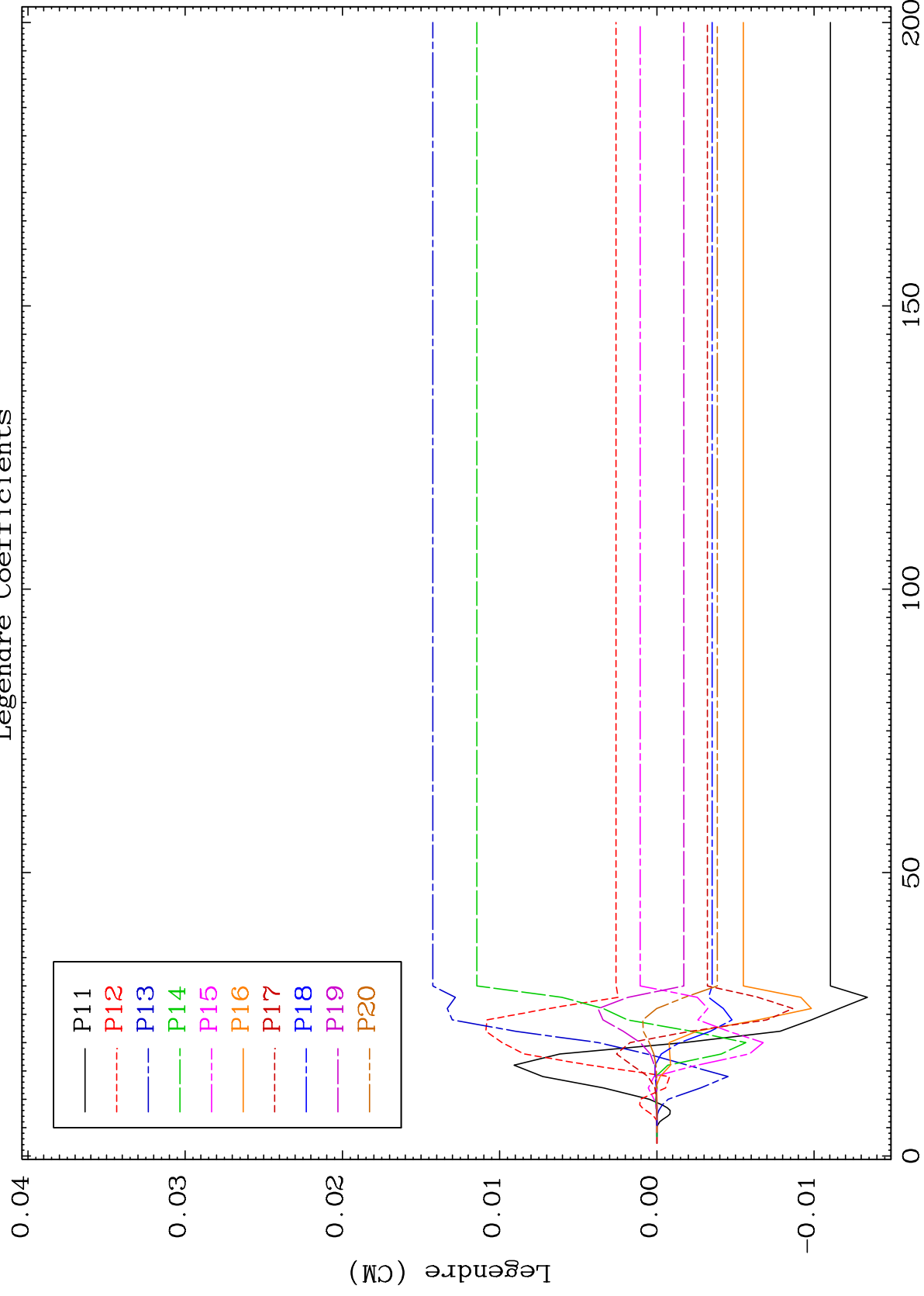
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MAT 8422

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

84-Po-205



49

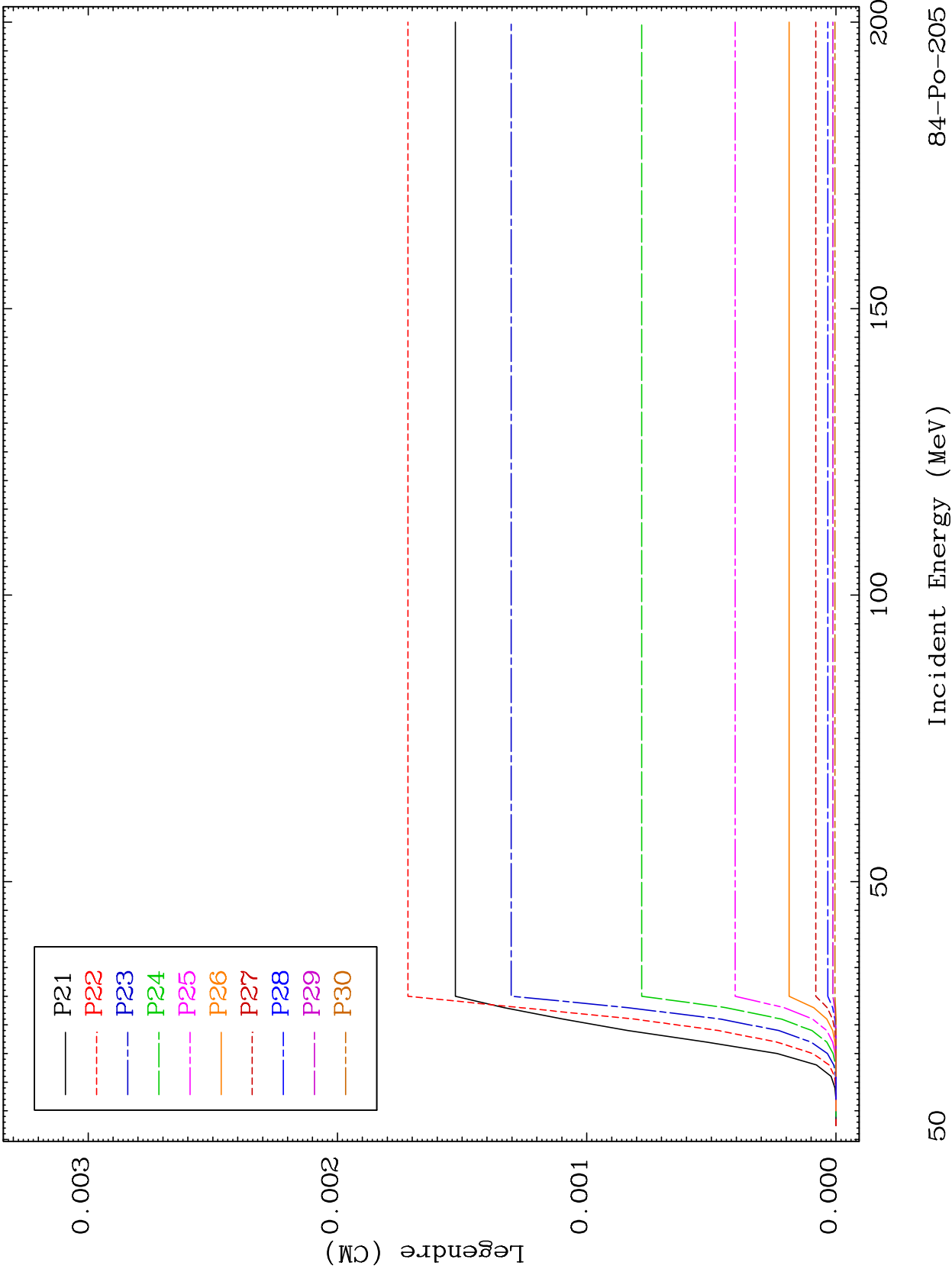
Incident Energy (MeV)

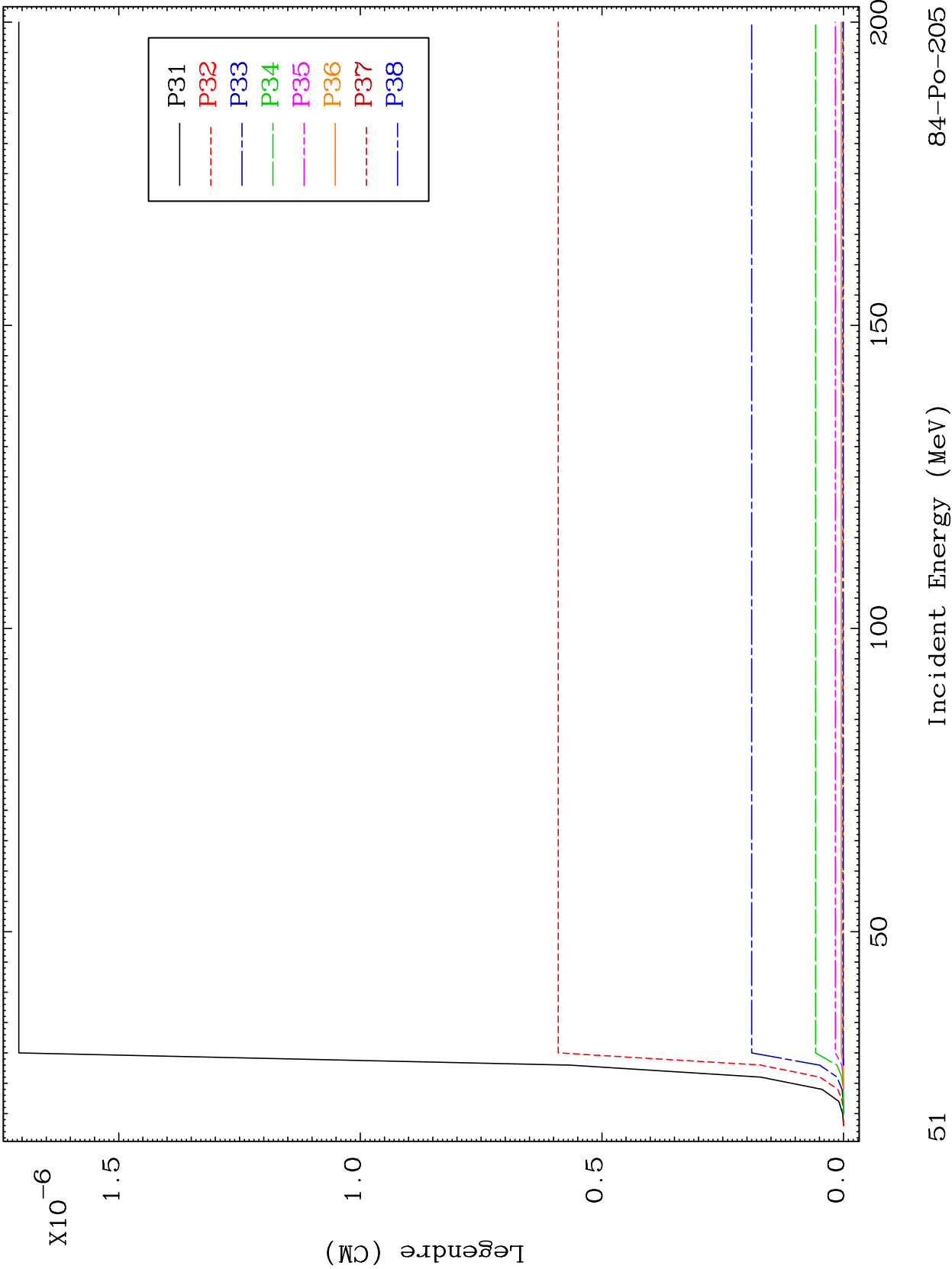
84-Po-205

MAT 8422

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

84-Po-205

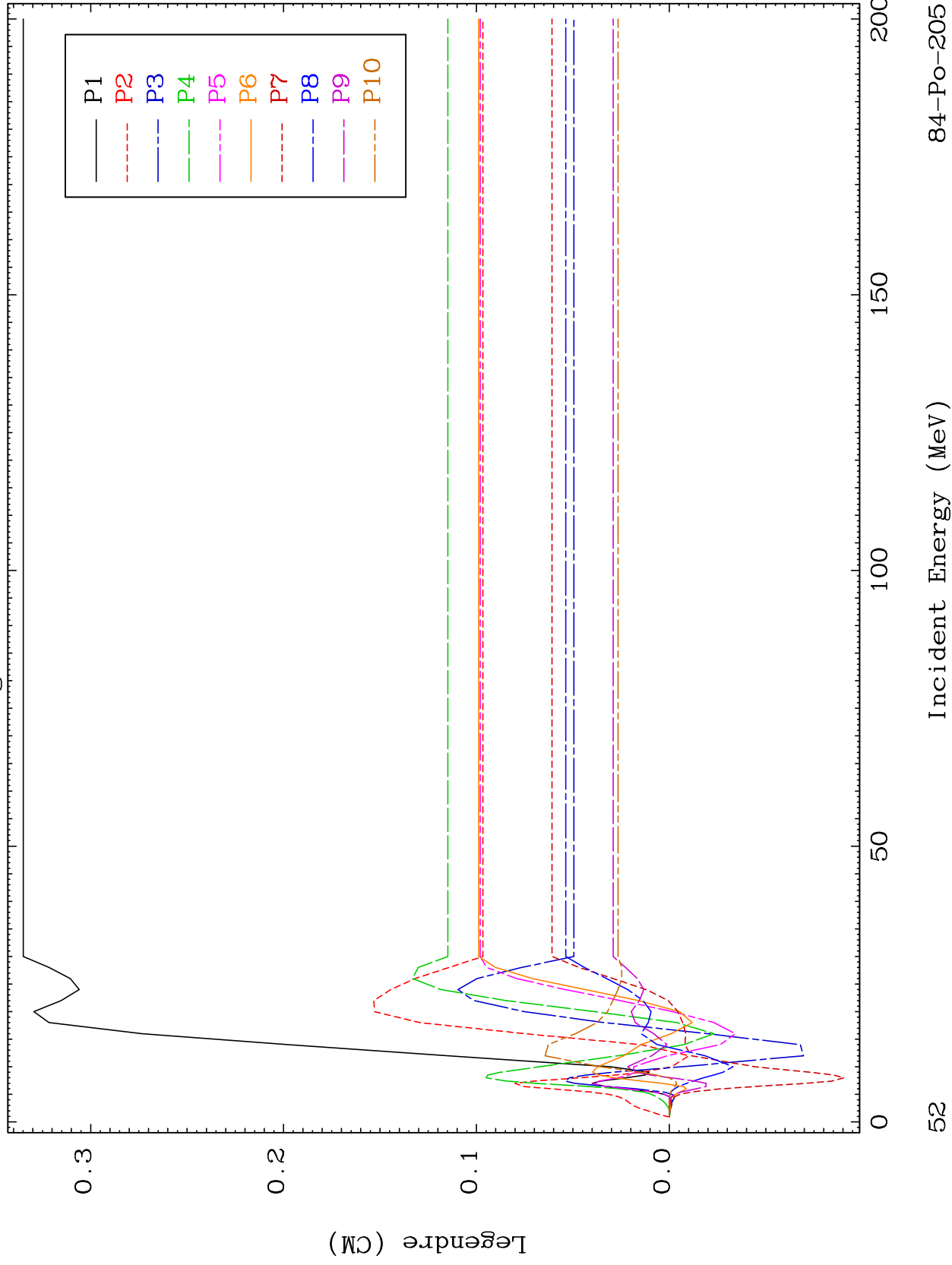




MAT 8422

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

84-Po-205



84-Po-205

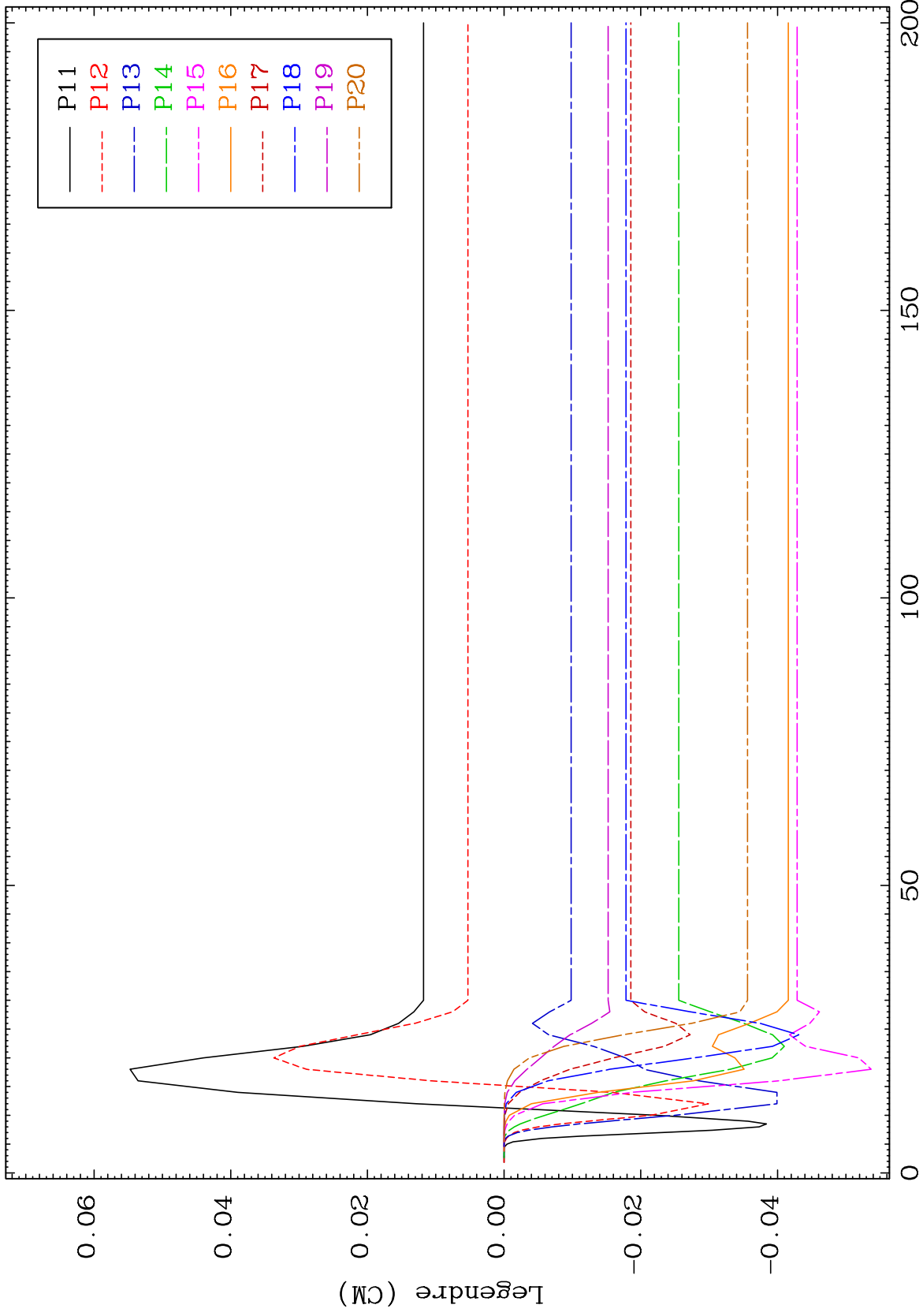
Incident Energy (MeV)

52

MAT 8422

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

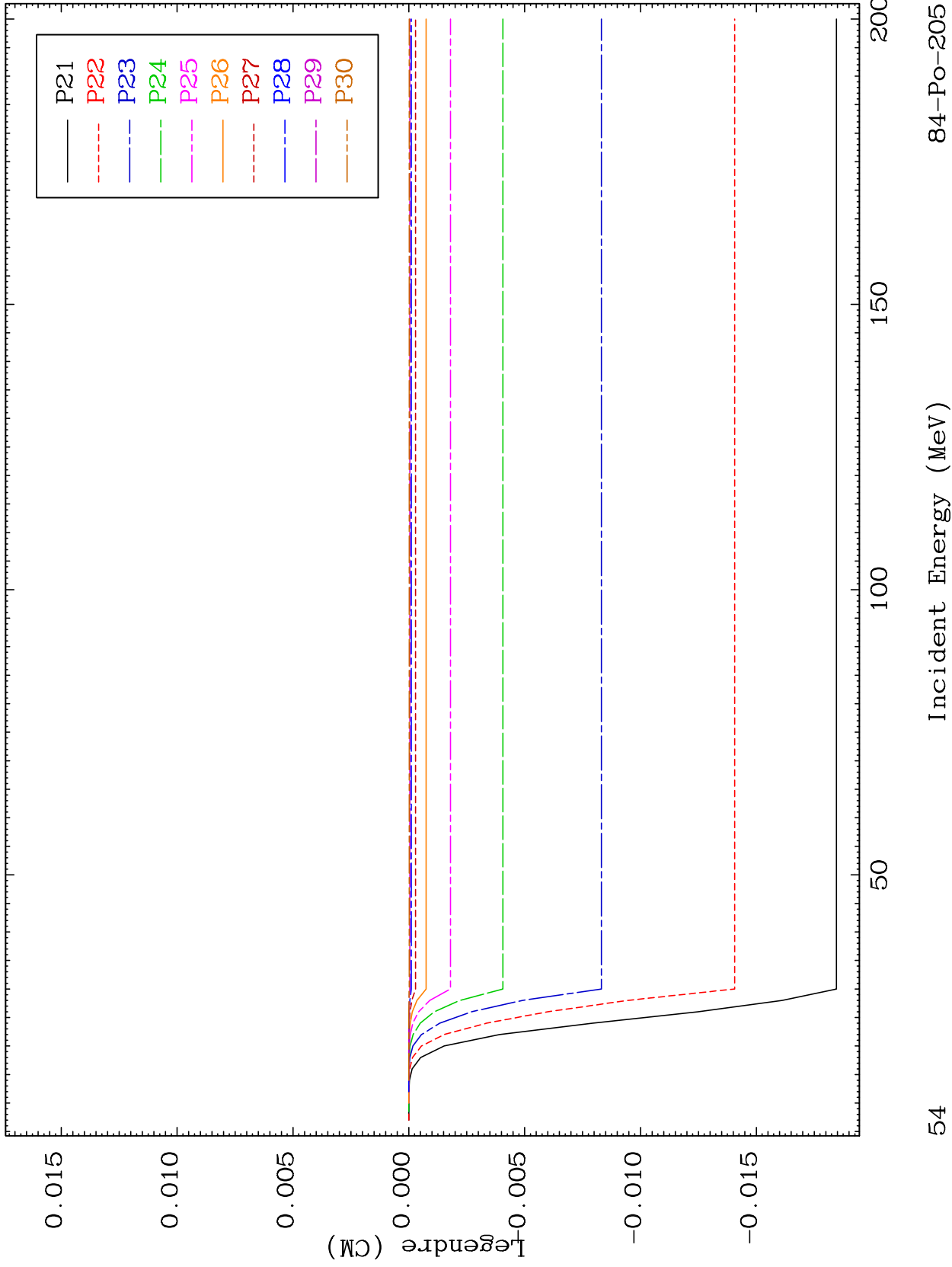
84-Po-205



53

Incident Energy (MeV)

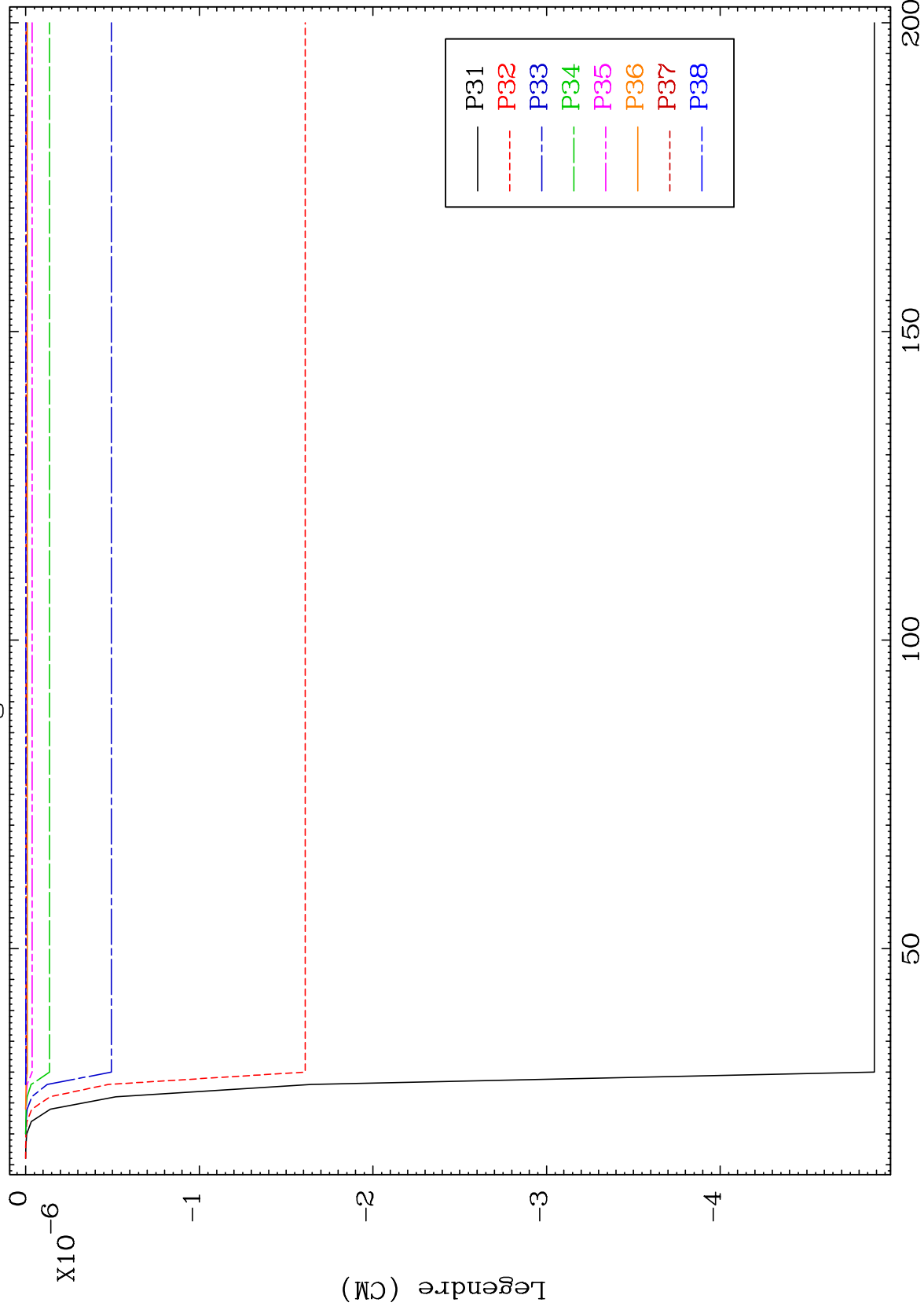
84-Po-205



MAT 8422

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

84-Po-205



55

Incident Energy (MeV)

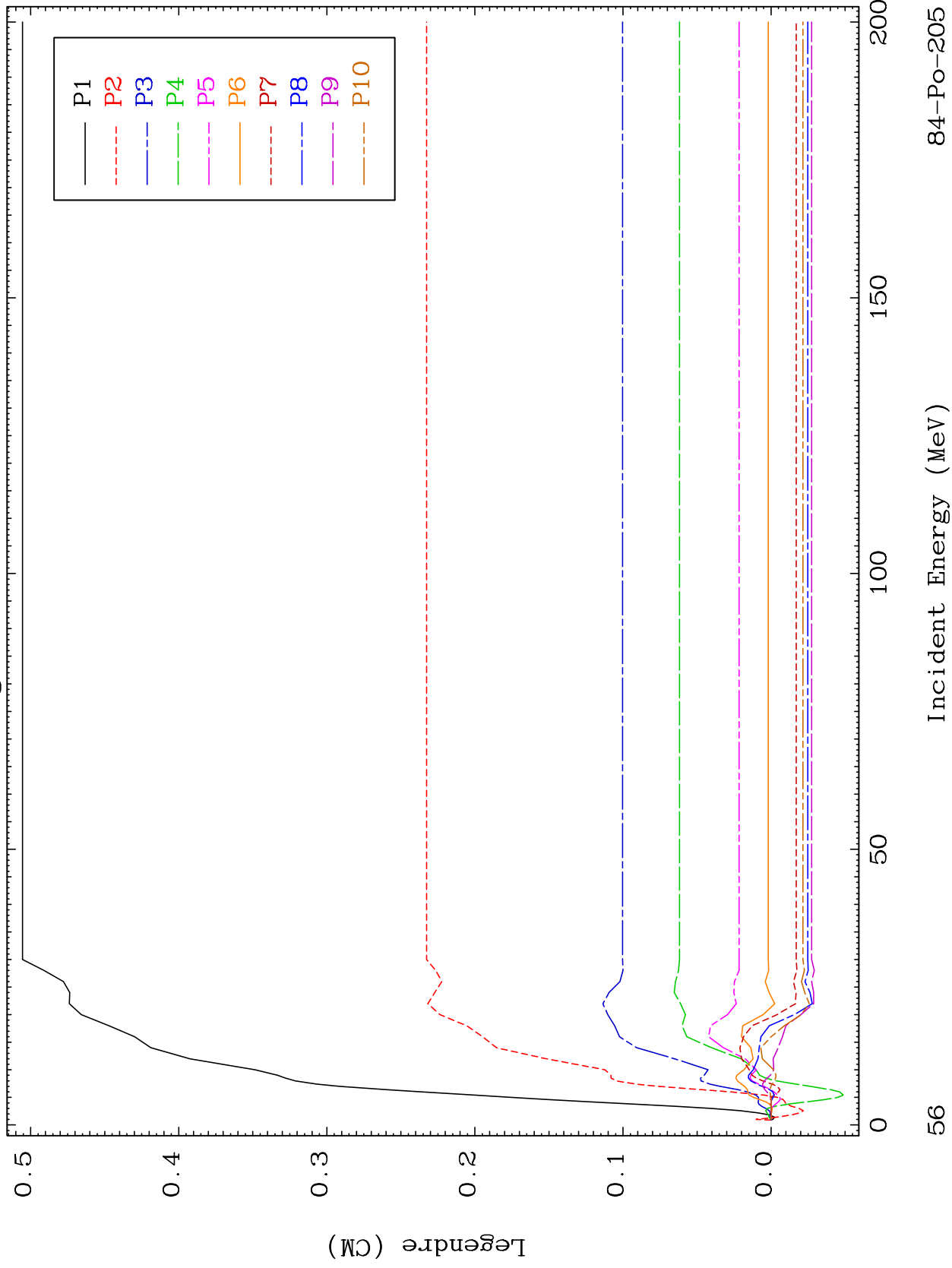
84-Po-205



MAT 8422

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

84-Po-205



84-Po-205

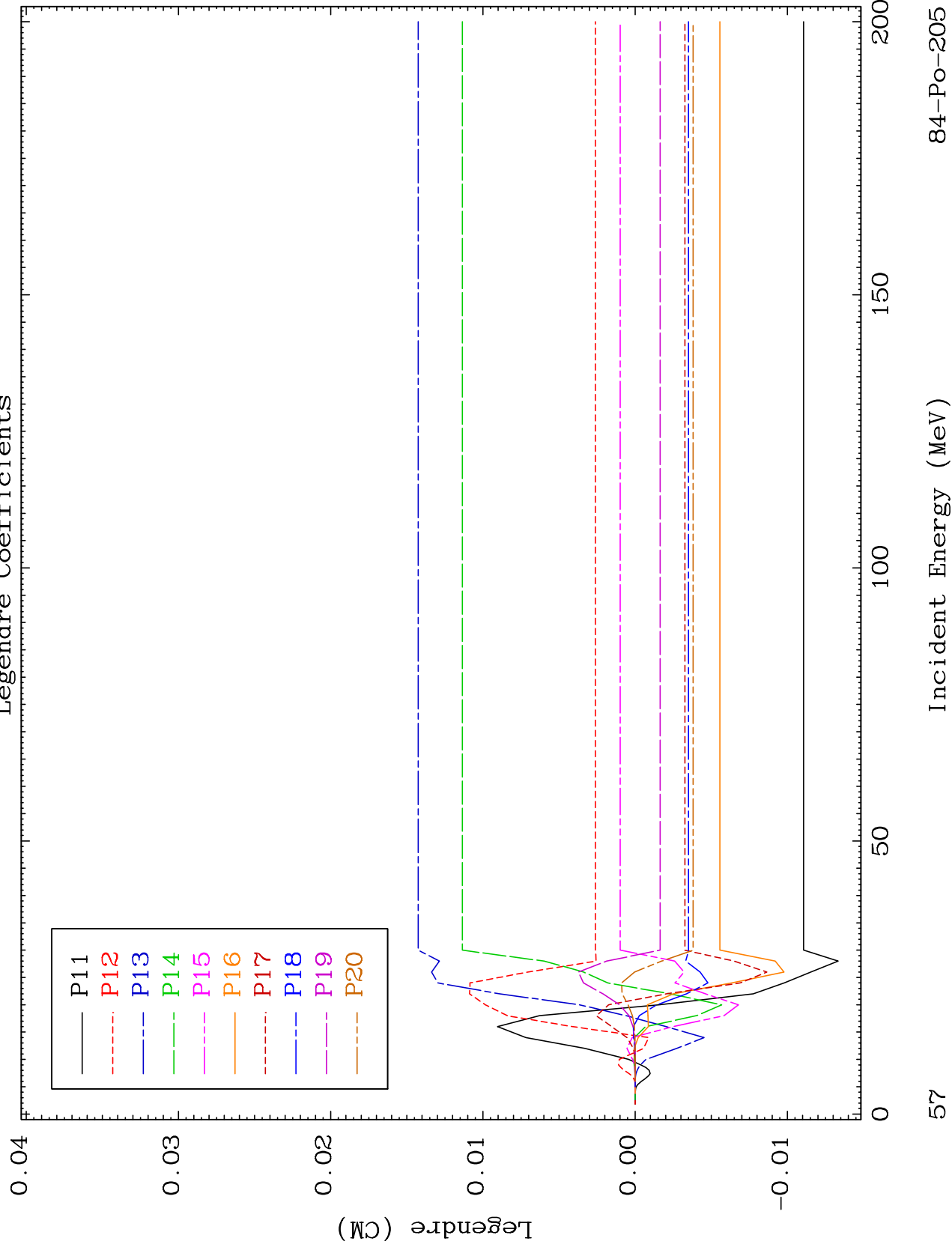
Incident Energy (MeV)

56

MAT 8422

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

84-Po-205



57

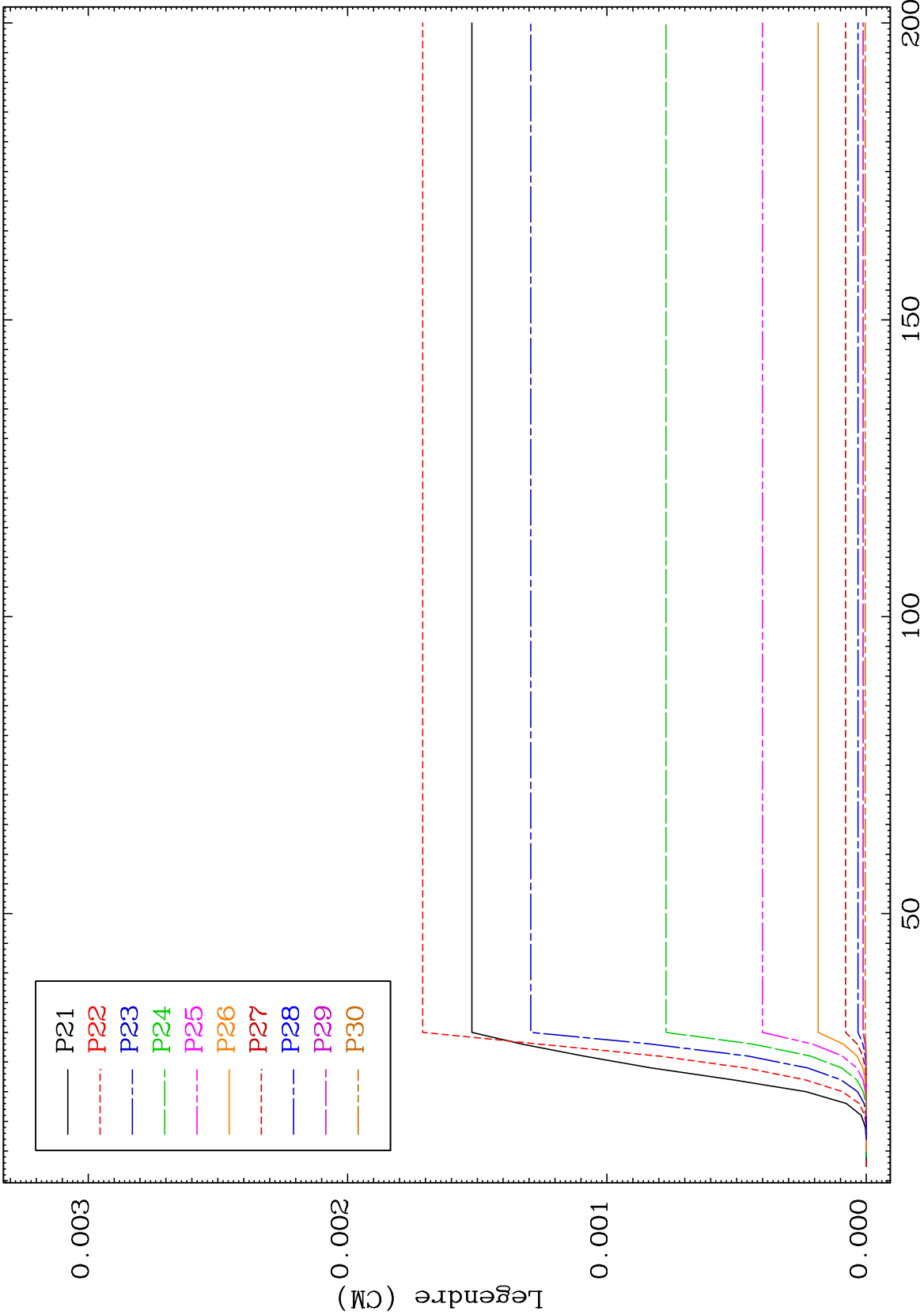
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



58

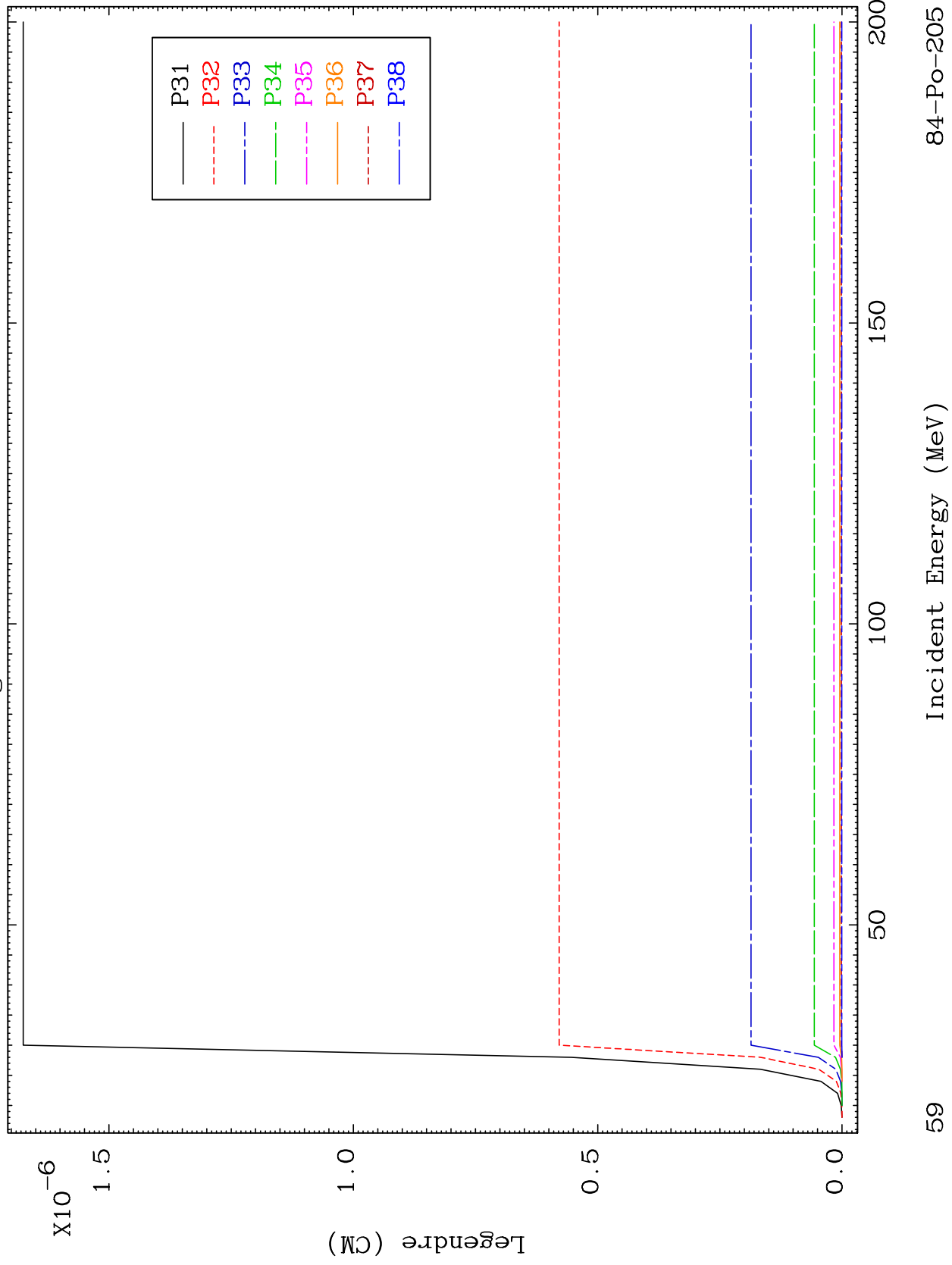
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



59

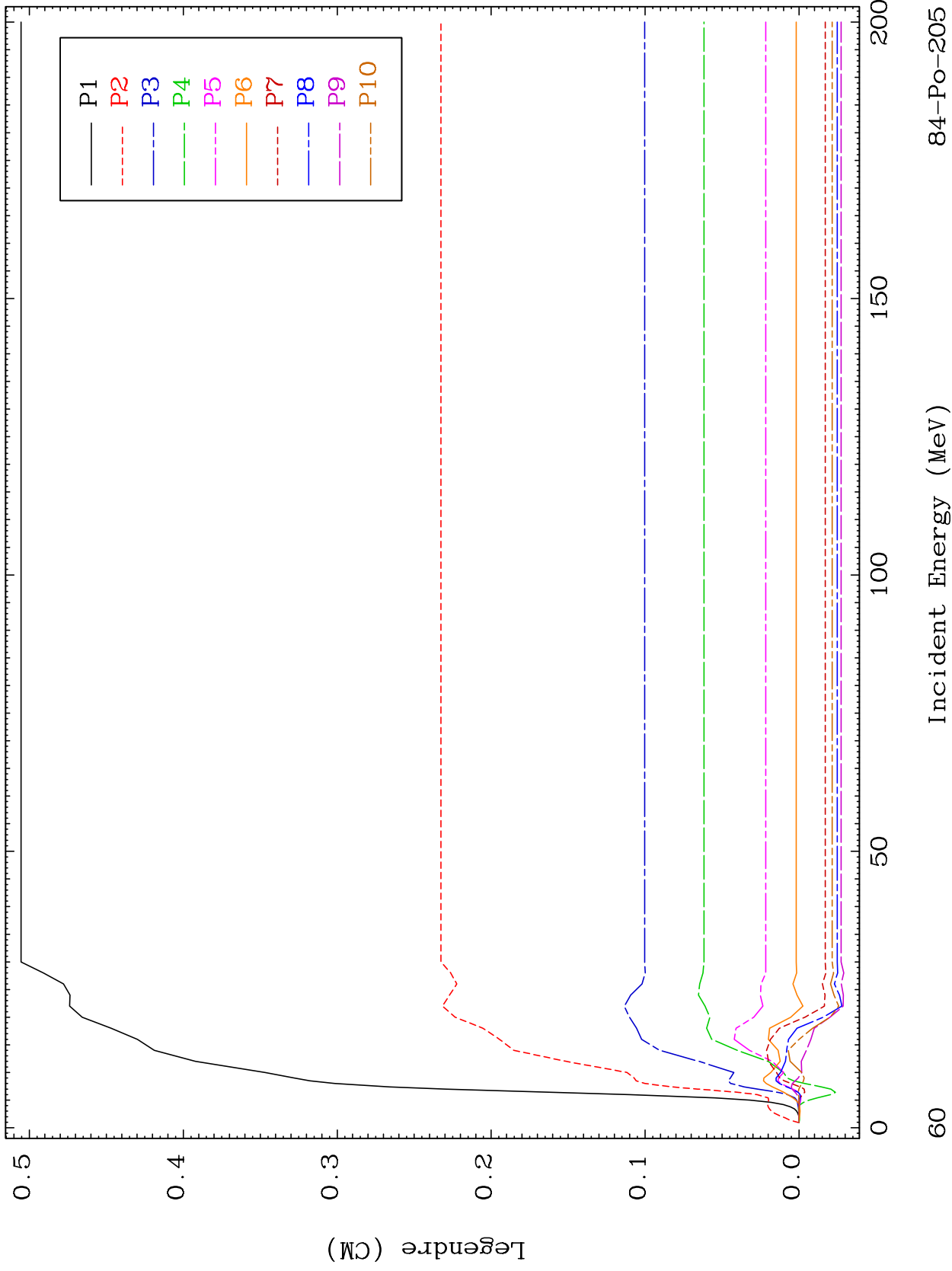
Incident Energy (MeV)

84-Po-205

MAT 8422

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

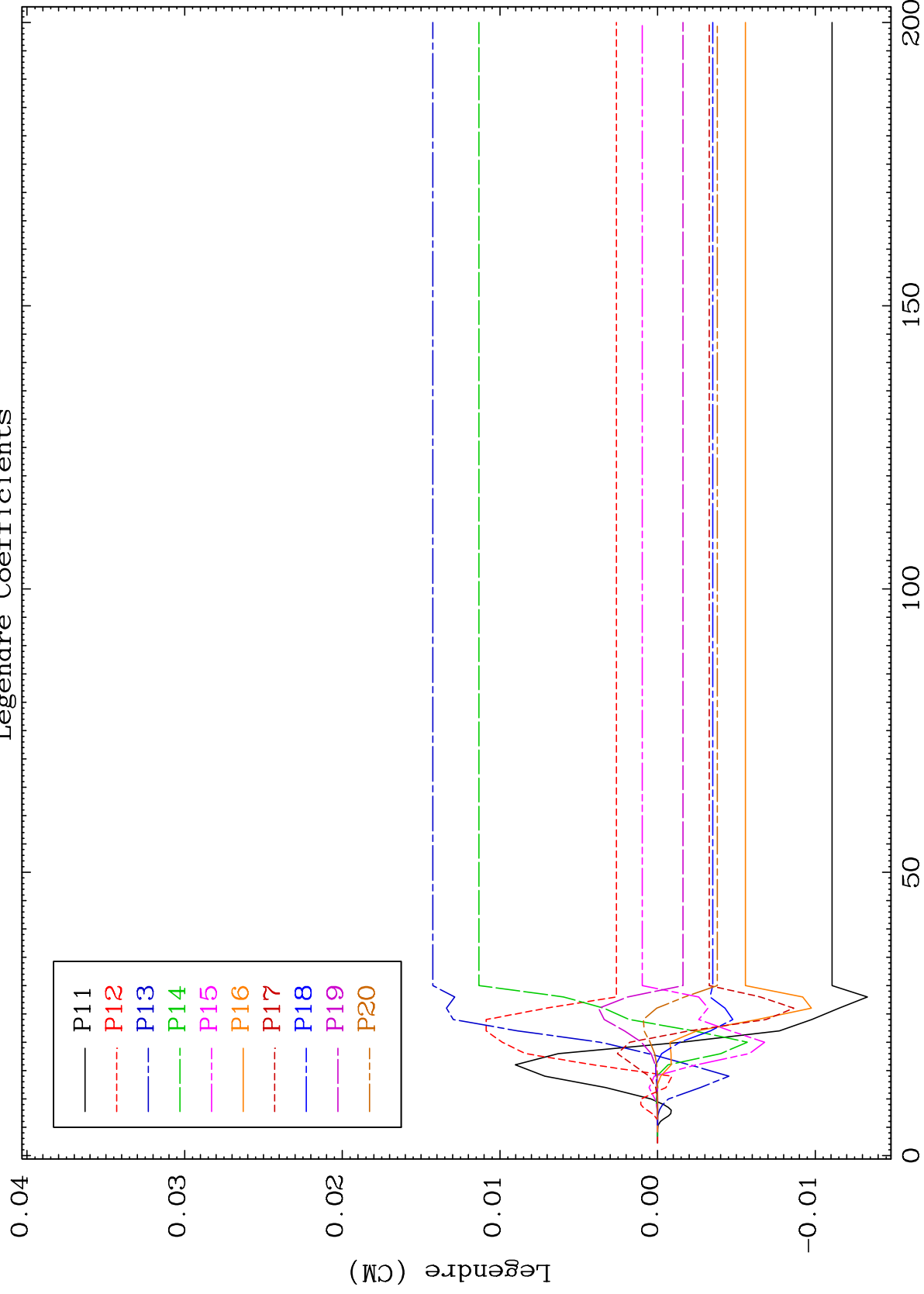
84-Po-205



MAT 8422

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

84-Po-205



61

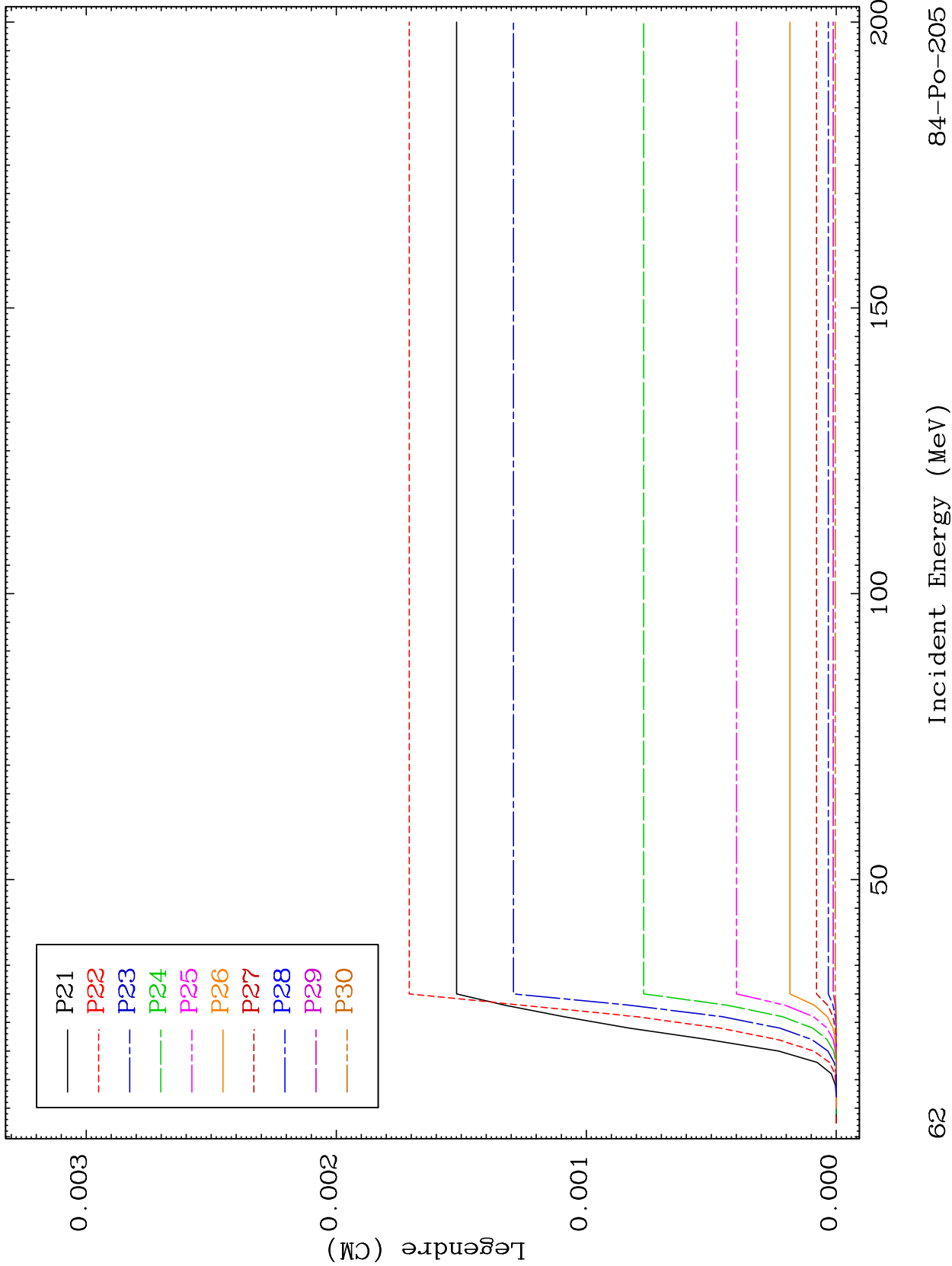
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



62

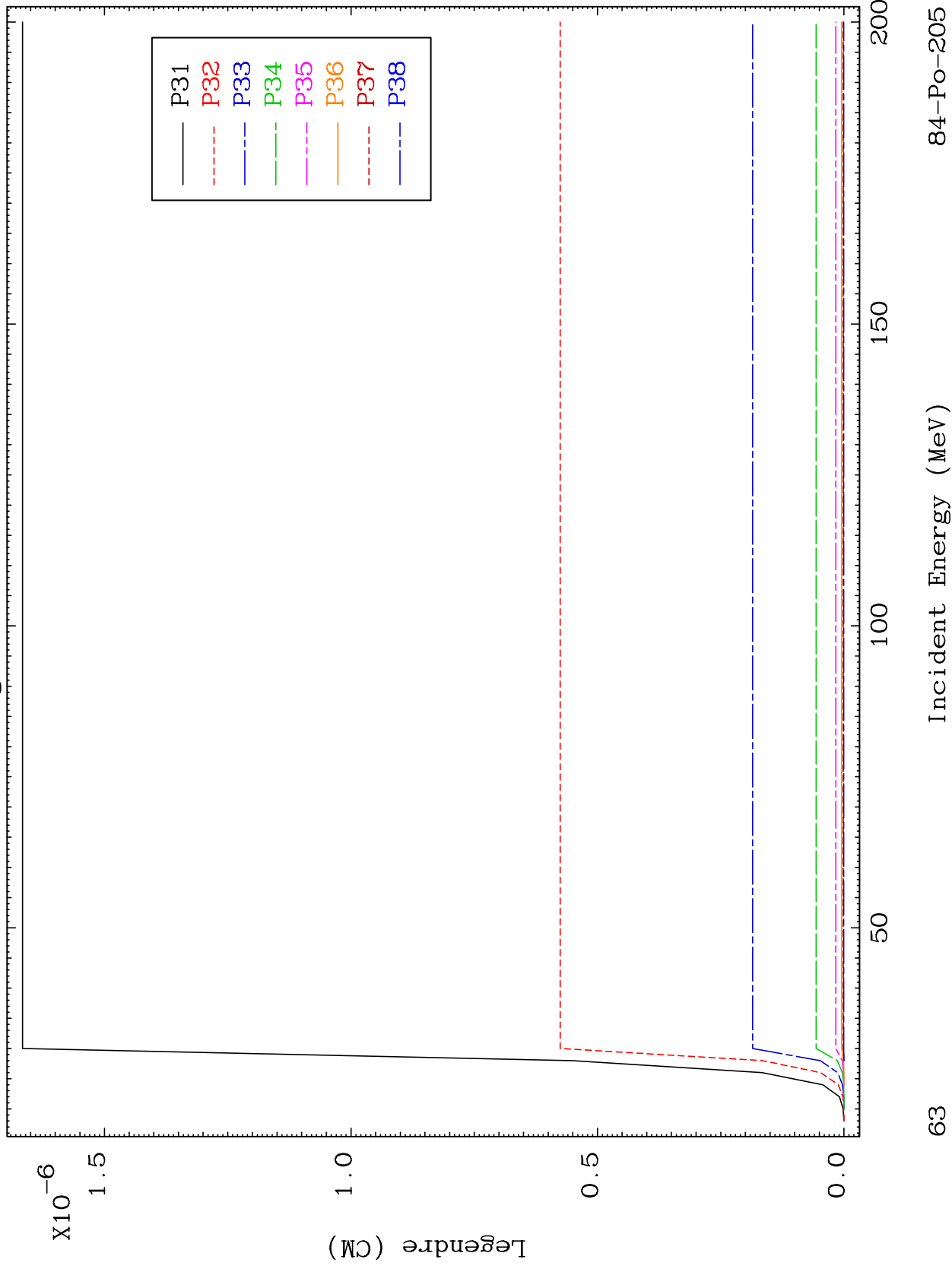
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205

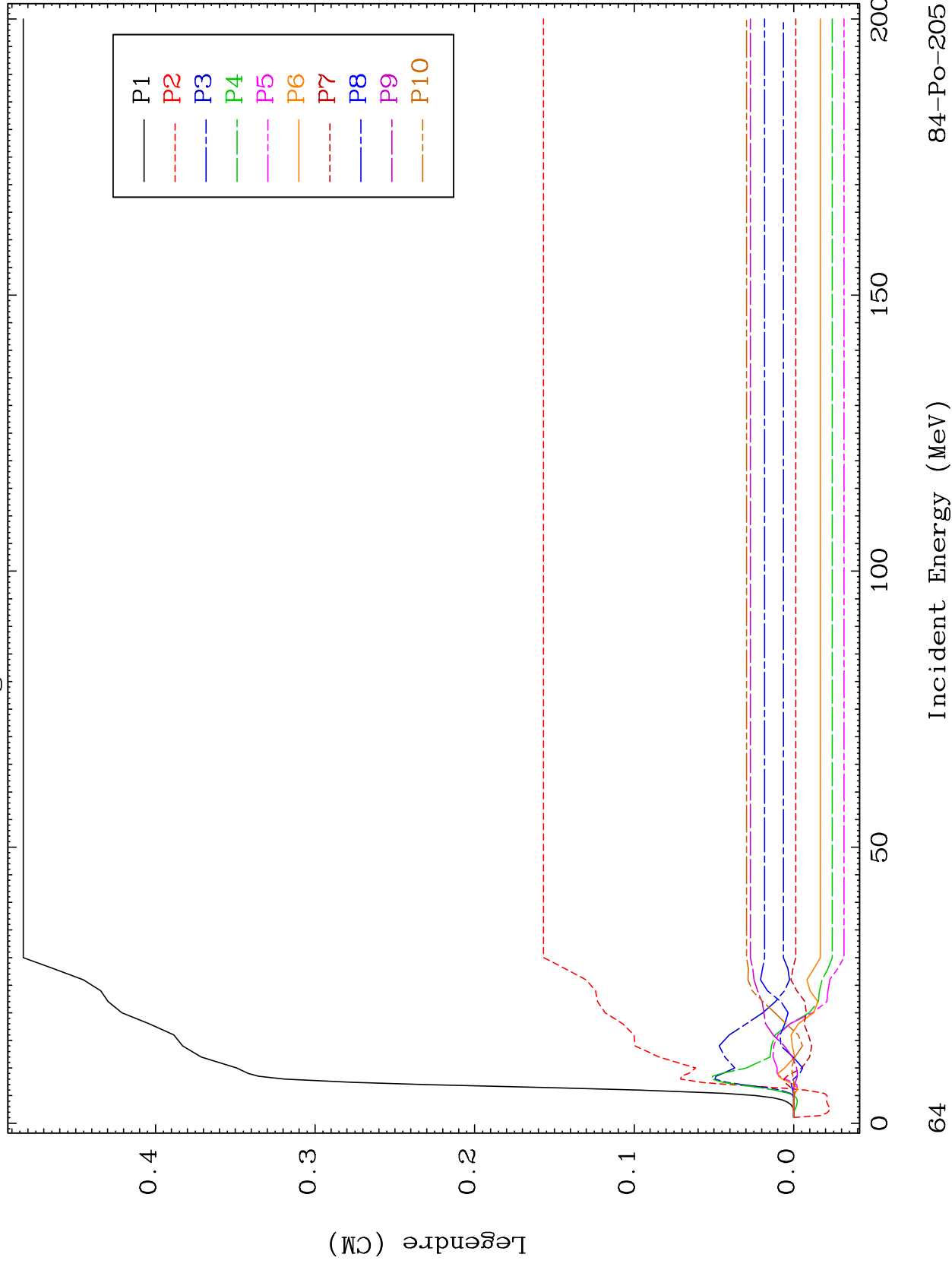




MAT 8422

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

84-Po-205



84-Po-205

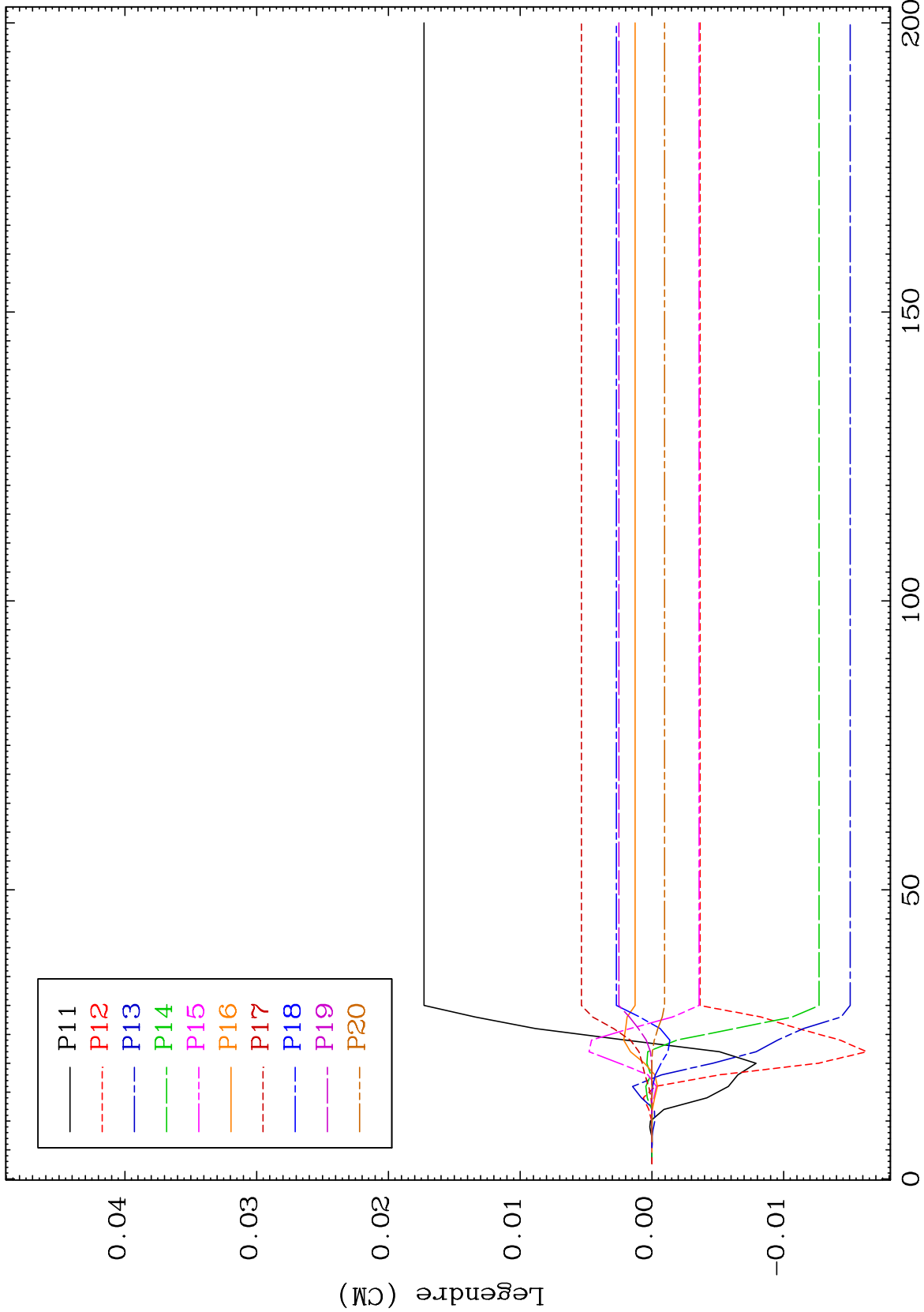
Incident Energy (MeV)

64

MAT 8422

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

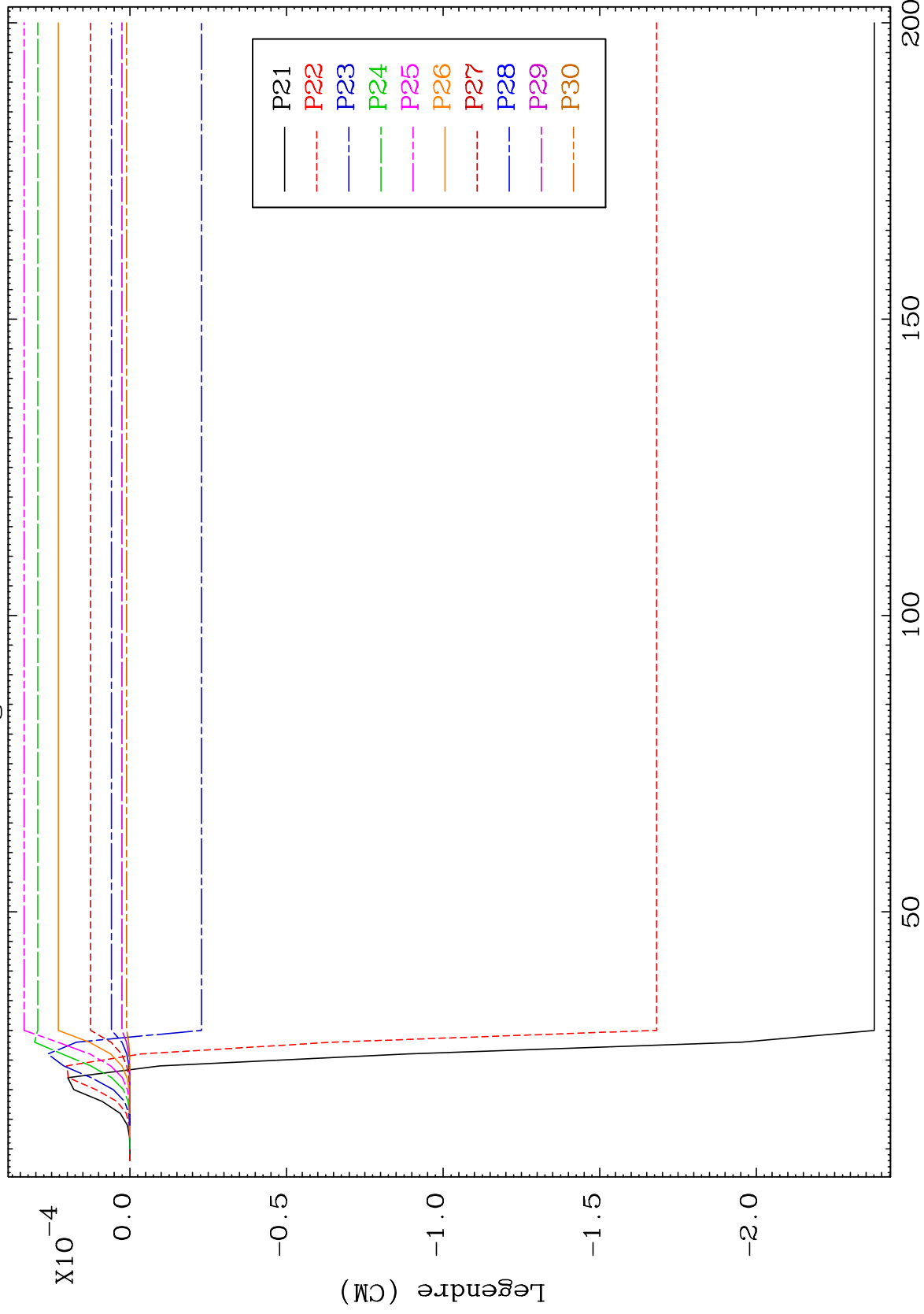
84-Po-205



65

Incident Energy (MeV)

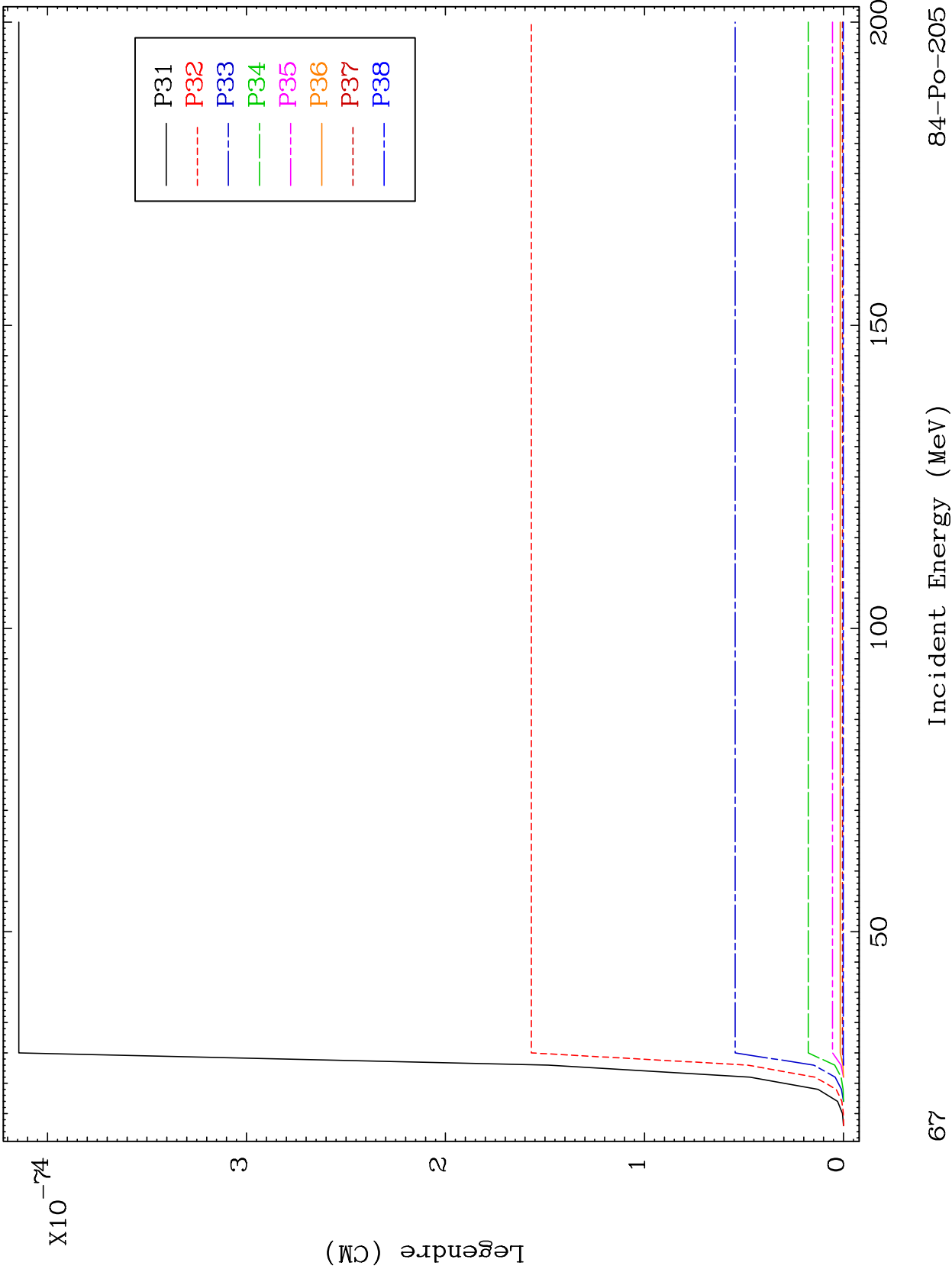
84-Po-205



MAT 8422

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

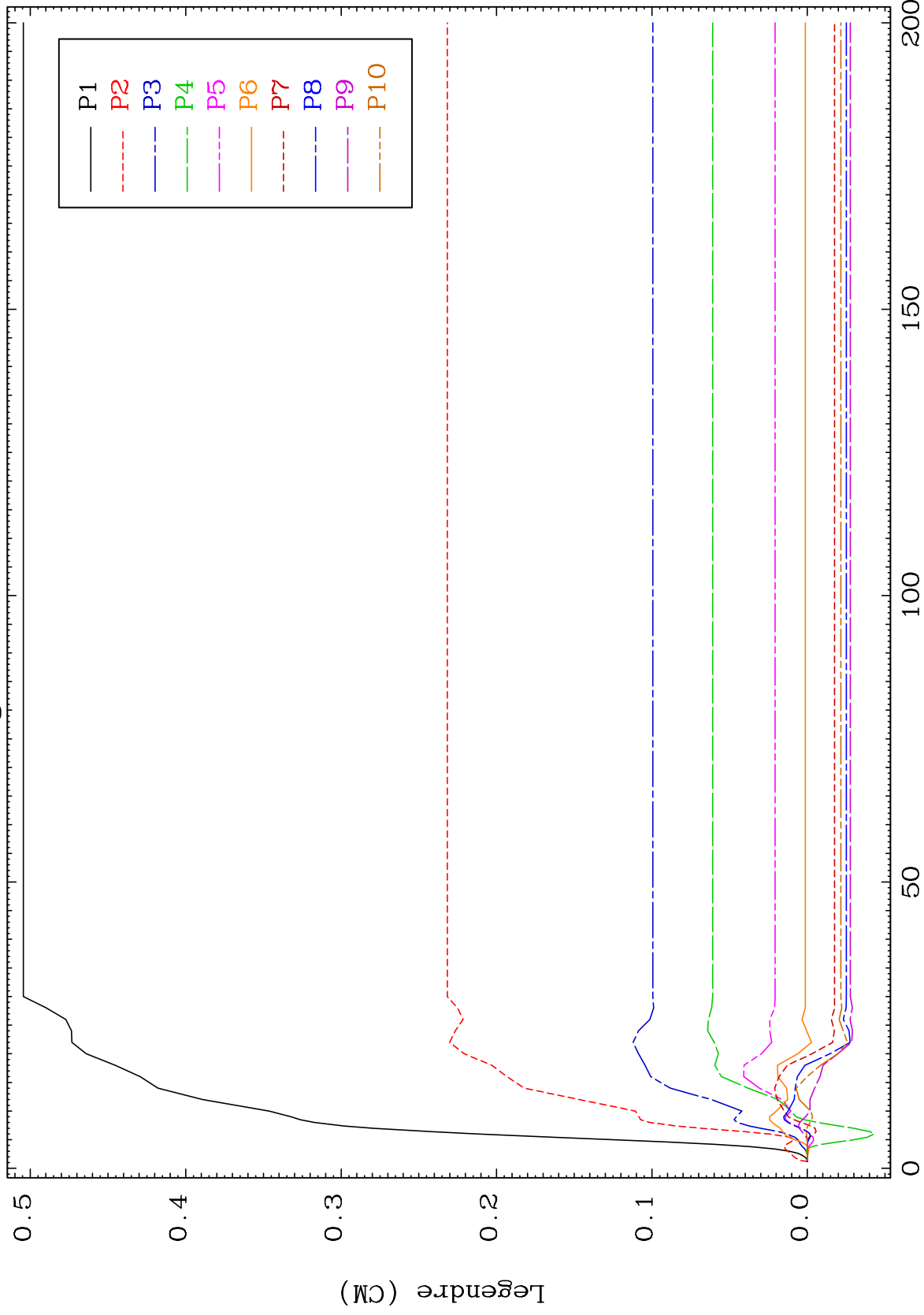
84-Po-205



MAT 8422

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

84-Po-205



84-Po-205

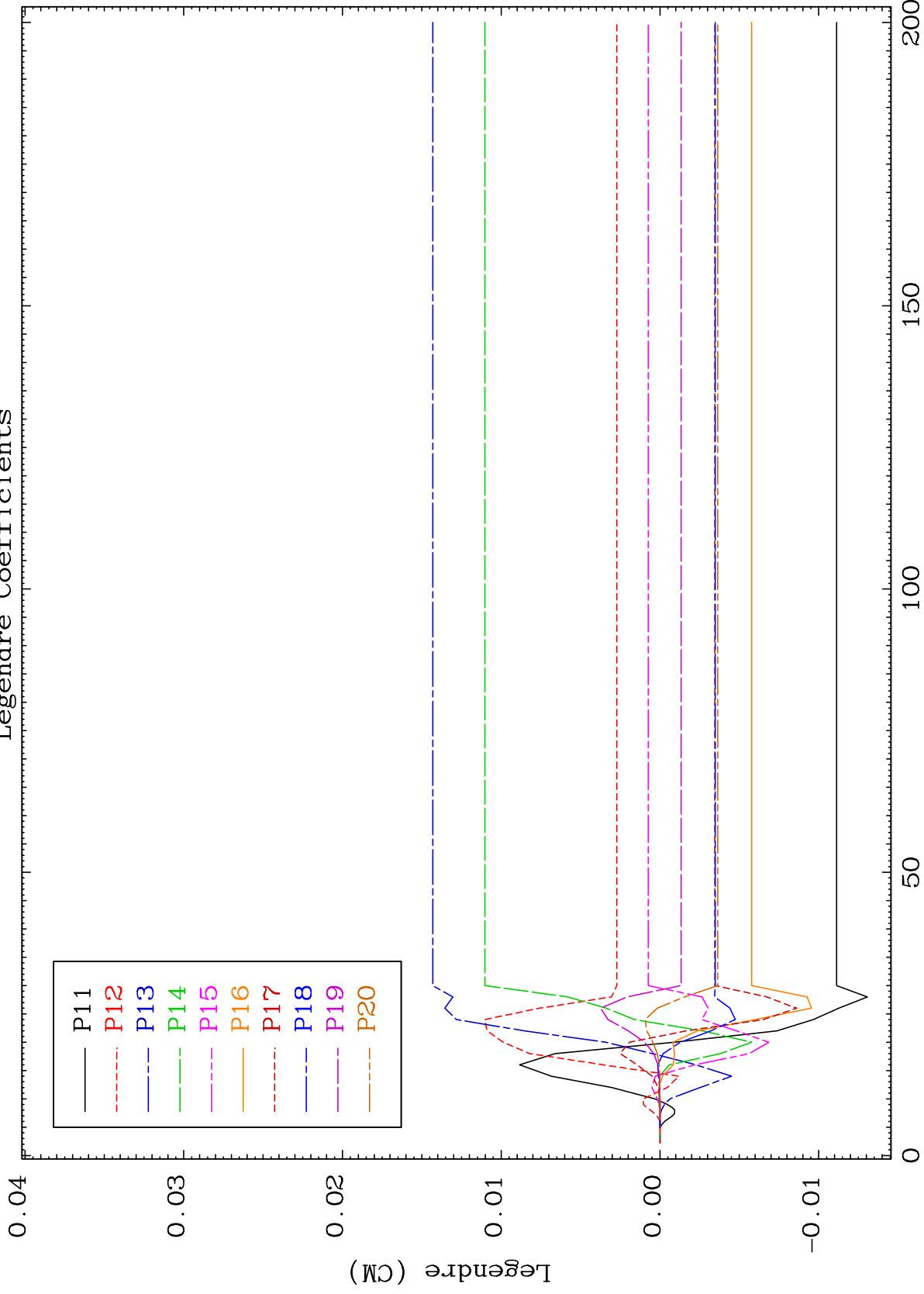
Incident Energy (MeV)

68

MAT 8422

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

84-Po-205



69

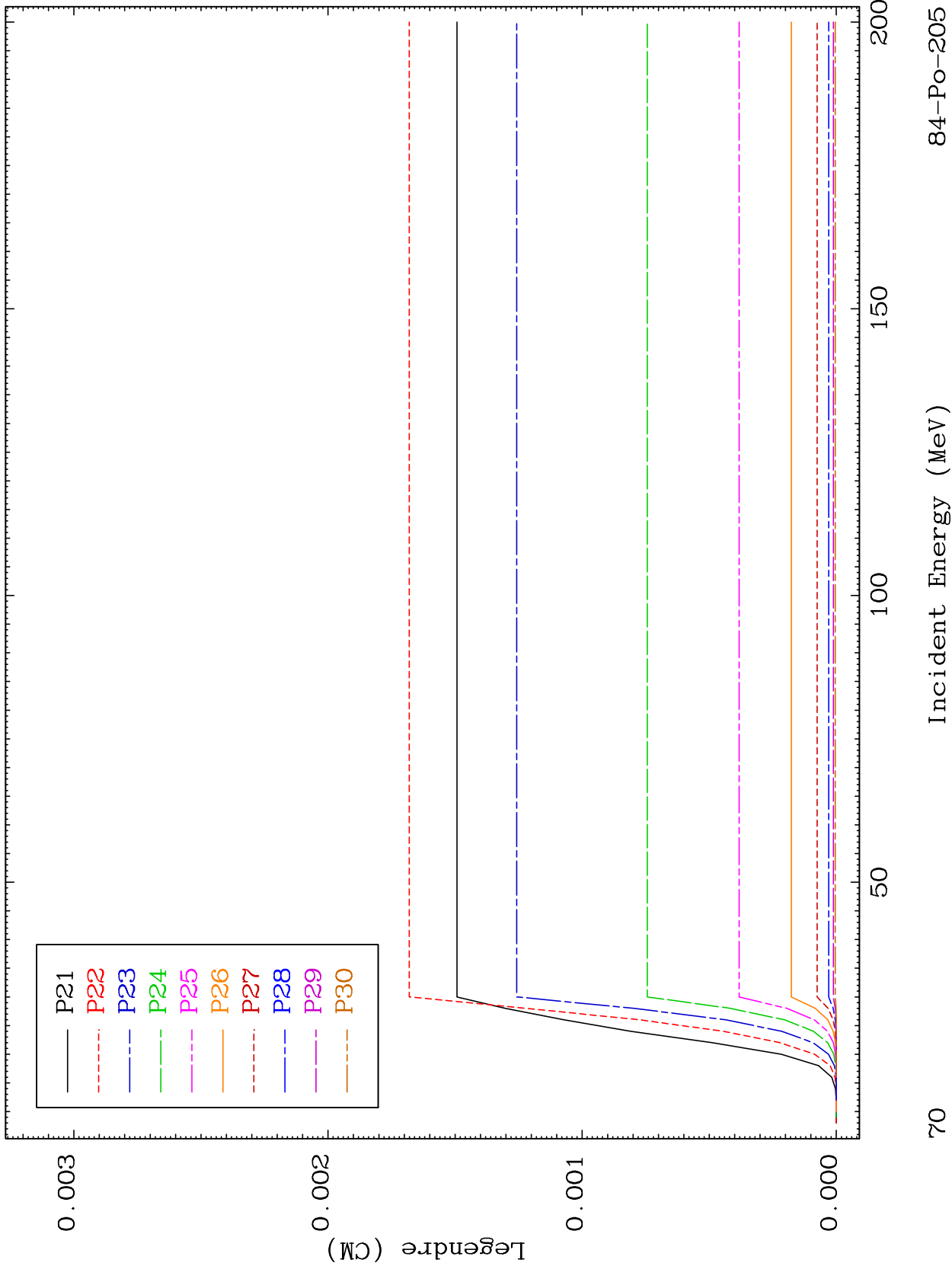
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



70

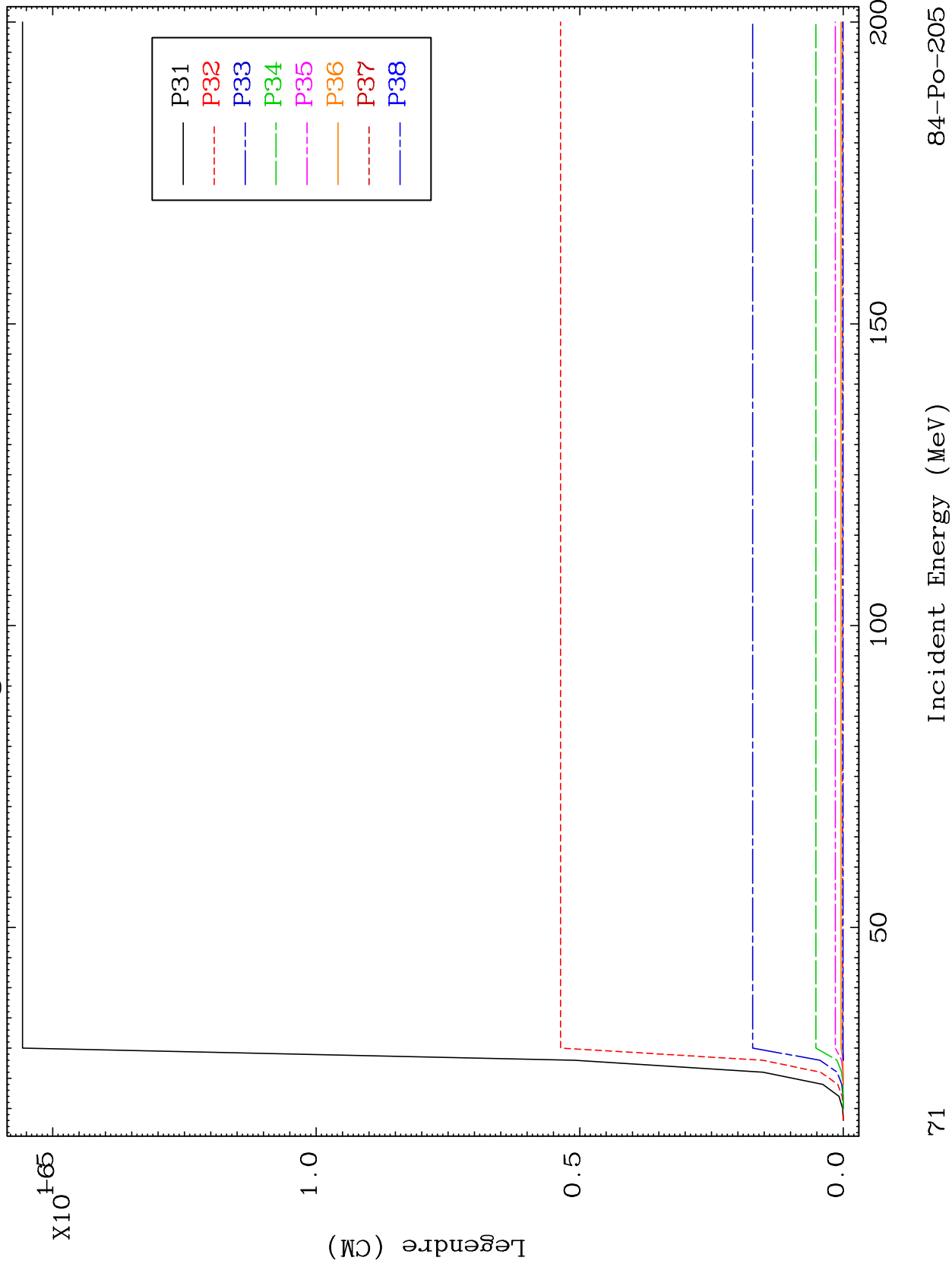
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205

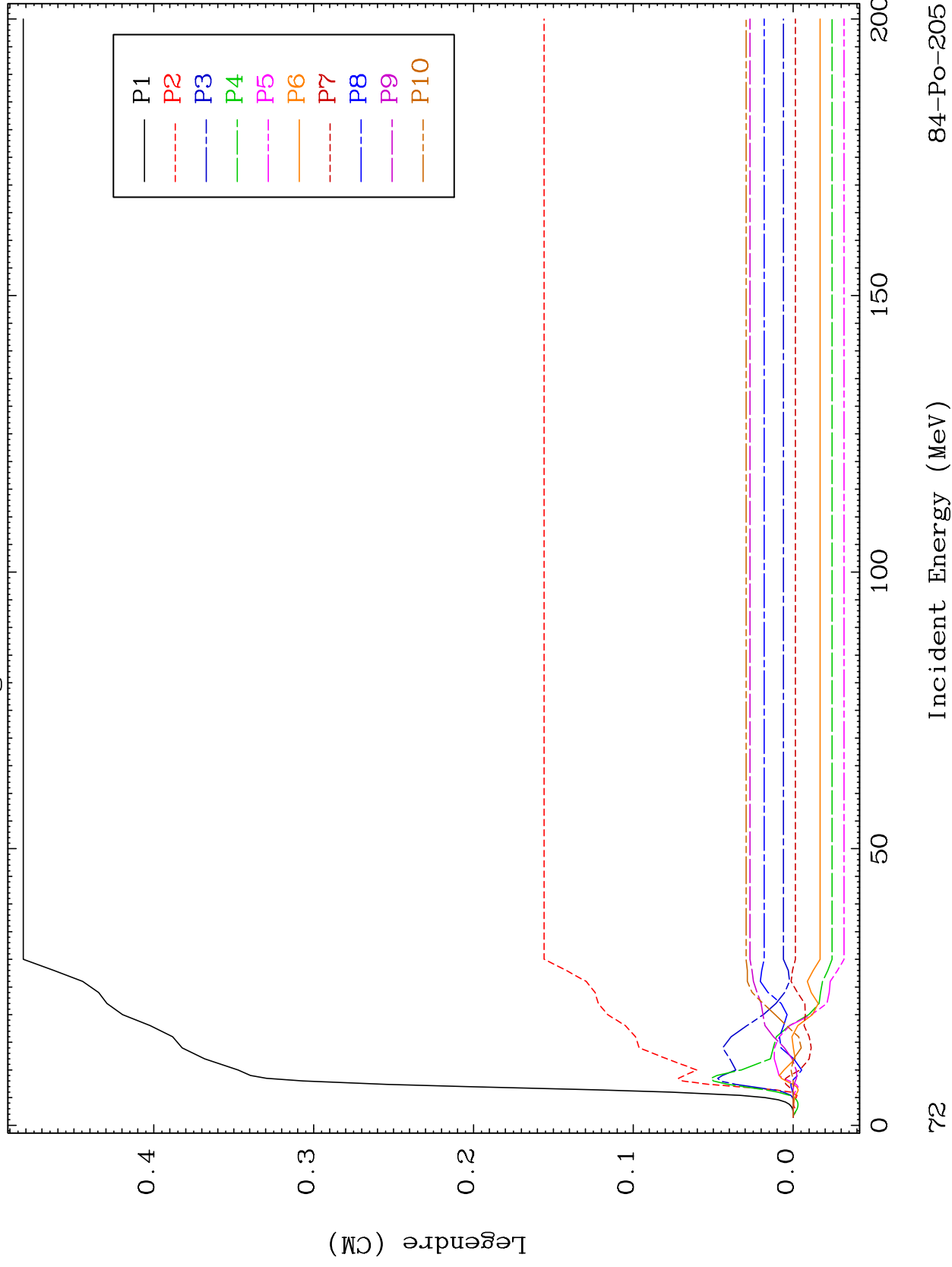




MAT 8422

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

84-Po-205



72

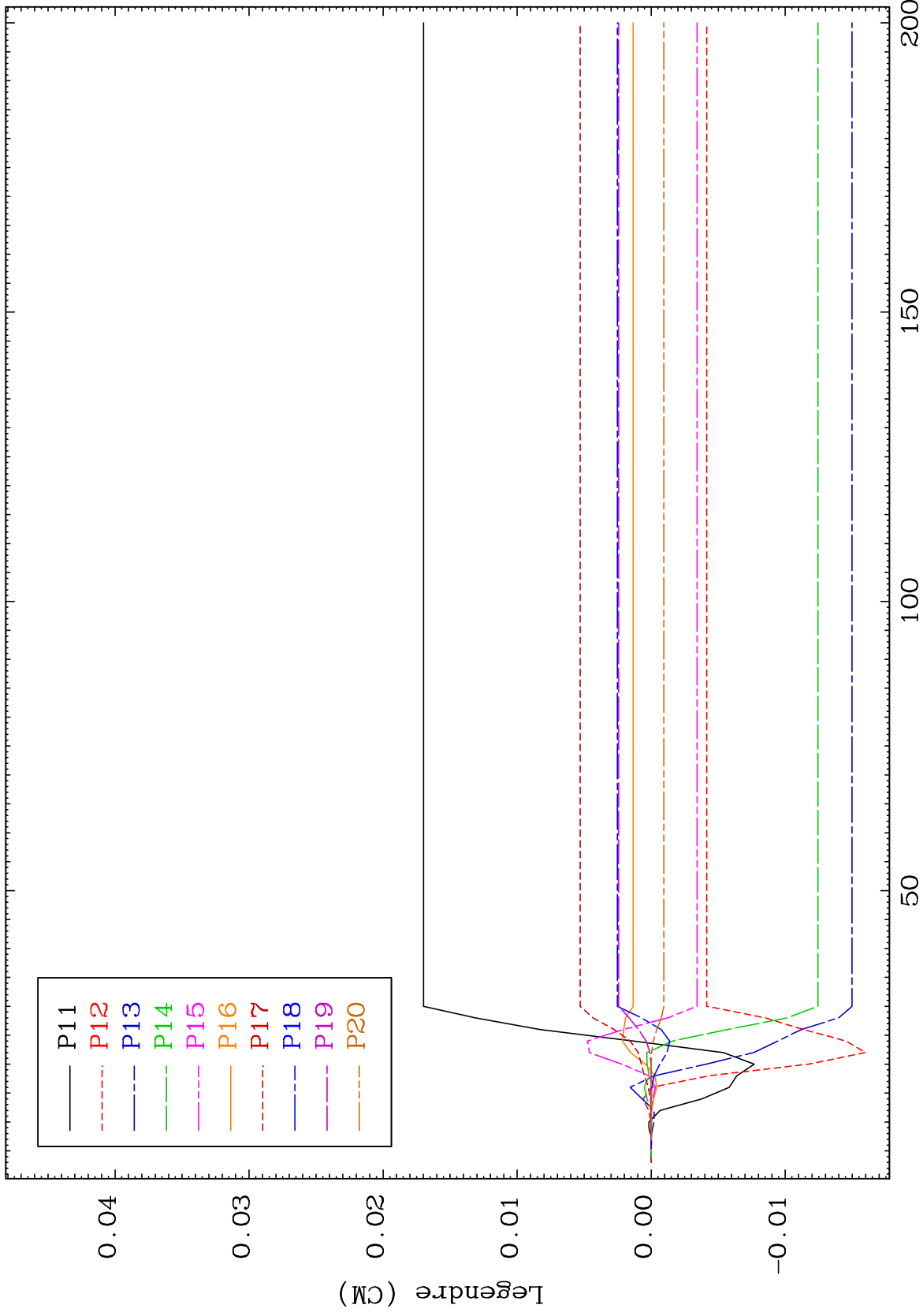
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



73

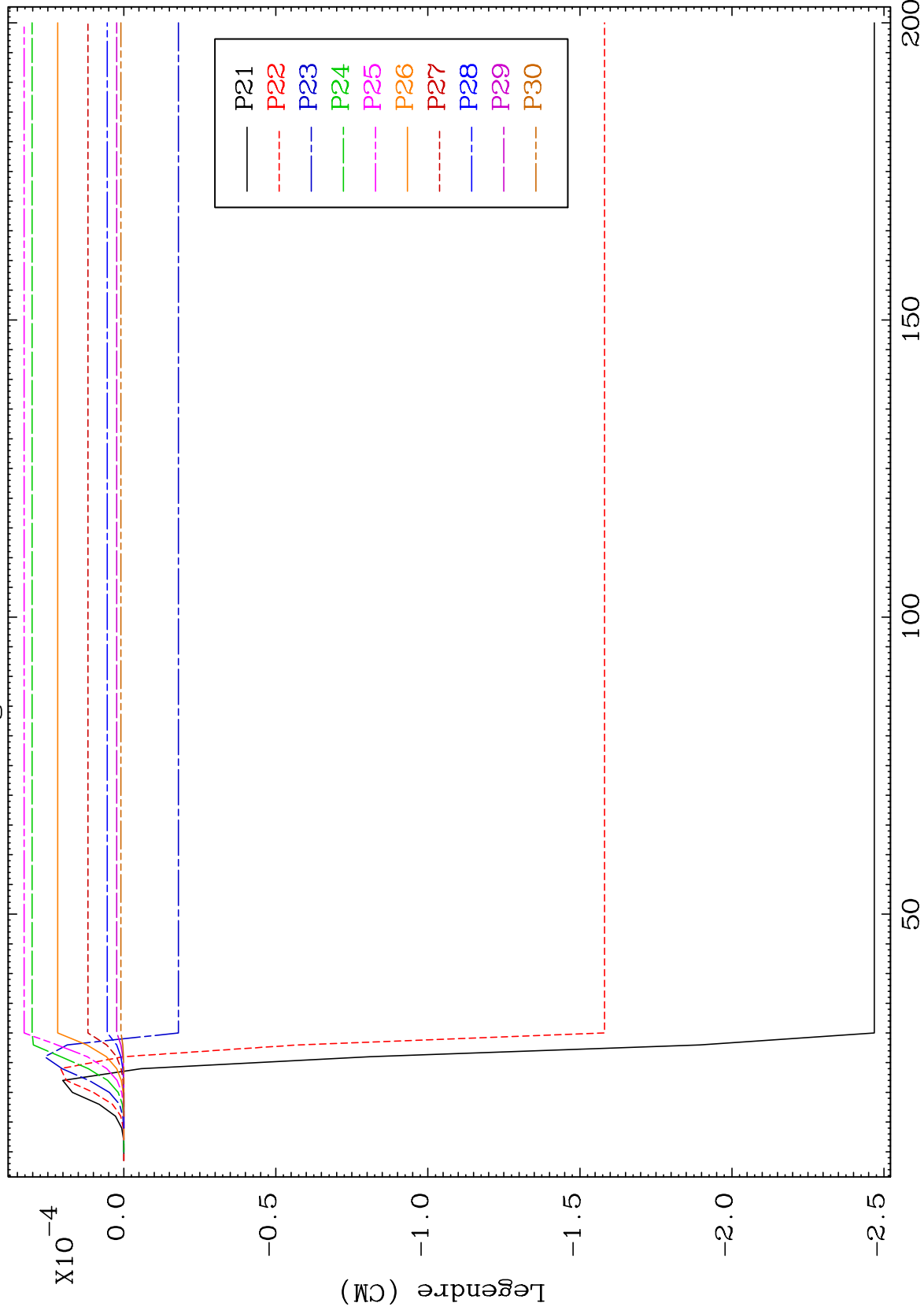
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



74

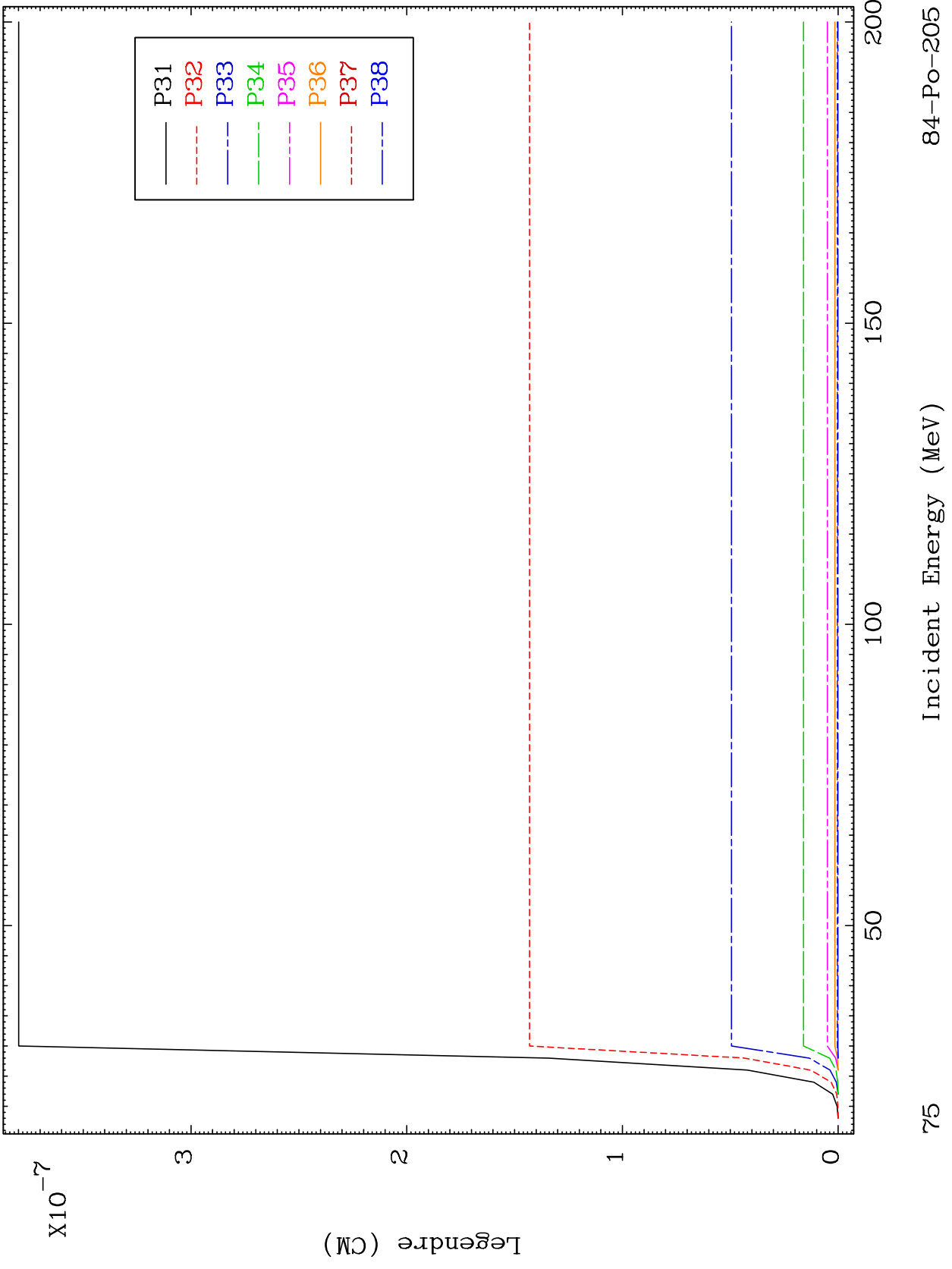
Incident Energy (MeV)

84-Po-205

MAT 8422

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

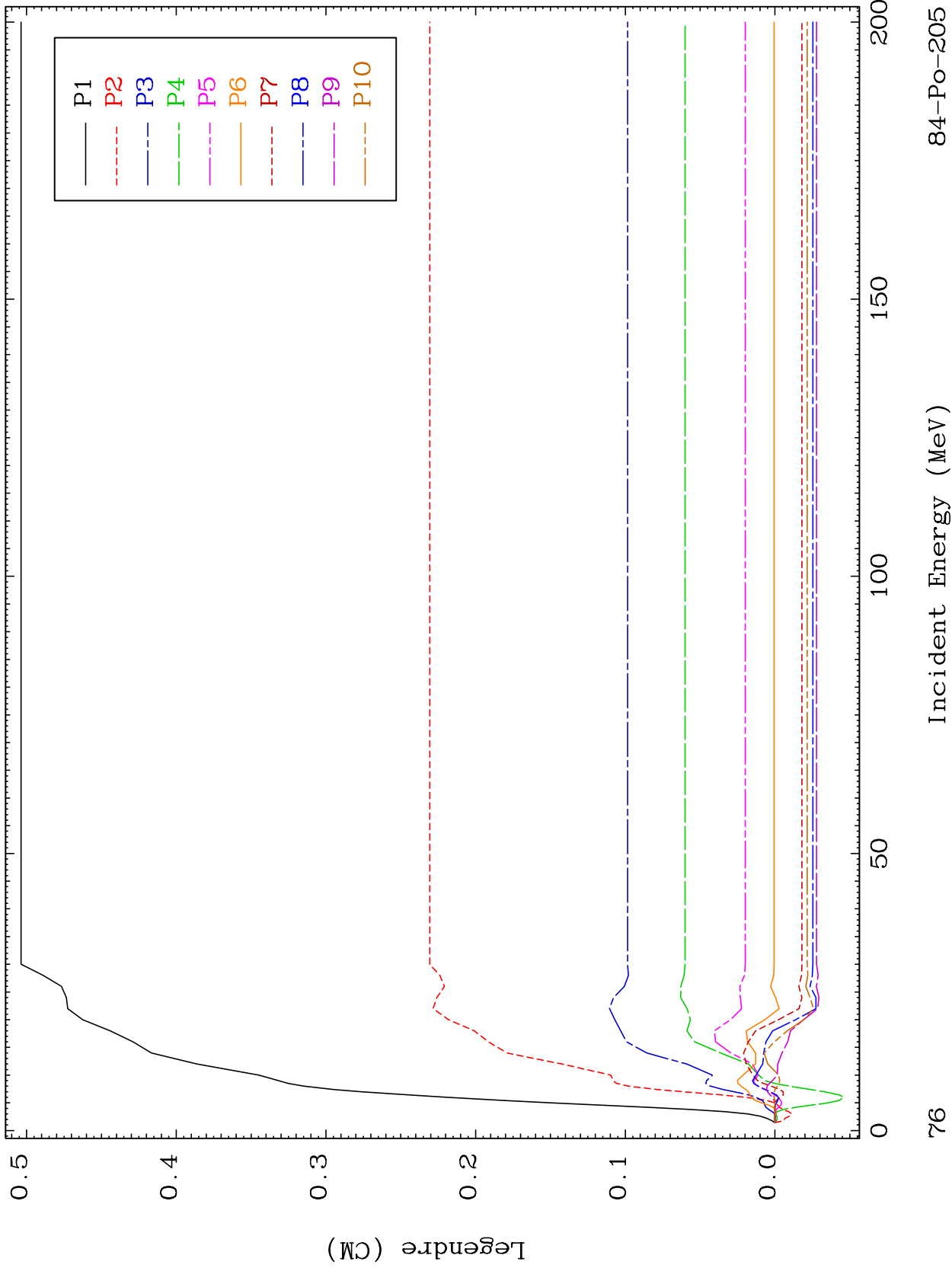
84-Po-205



MAT 8422

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

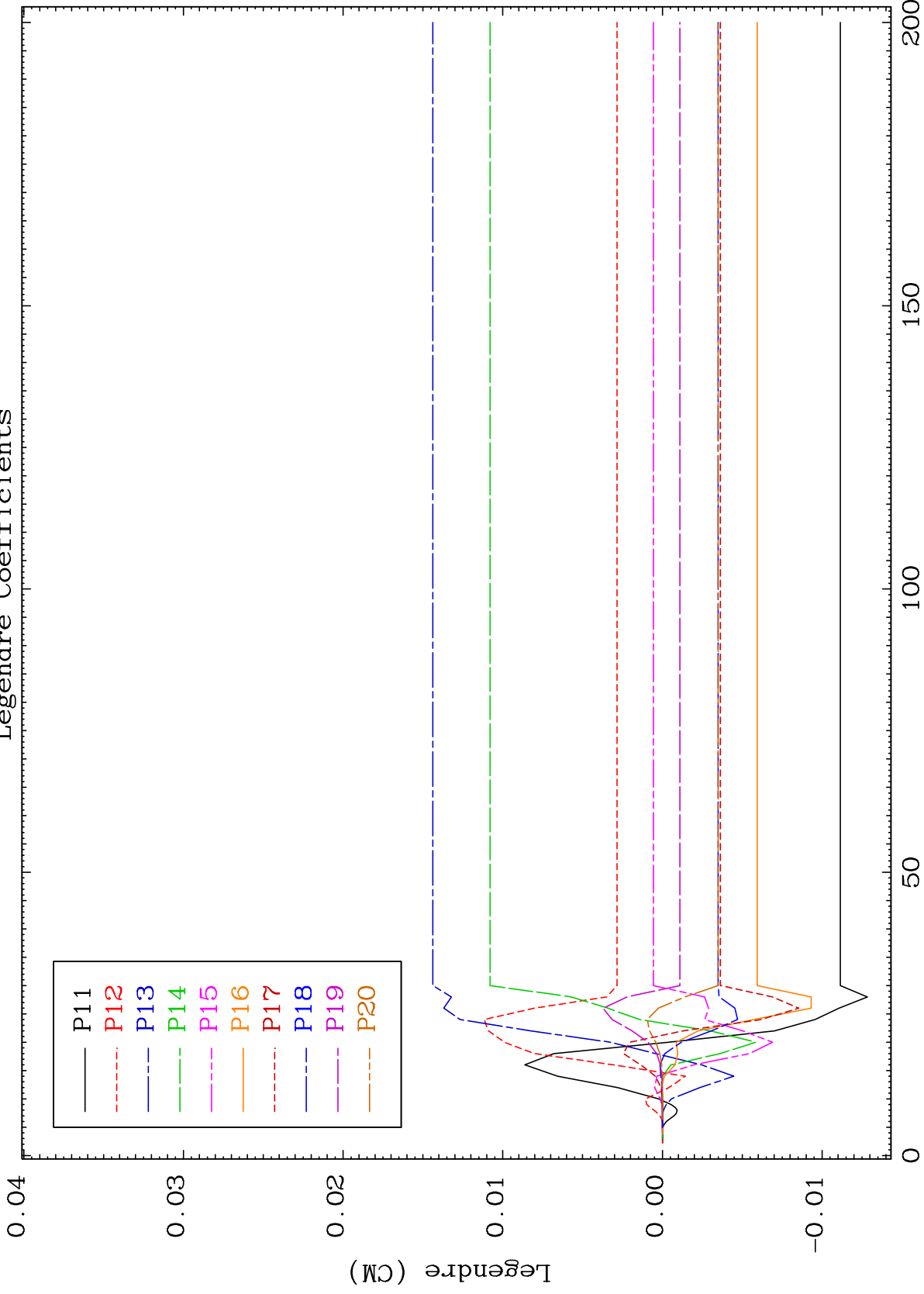
84-Po-205



MAT 8422

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

84-Po-205



77

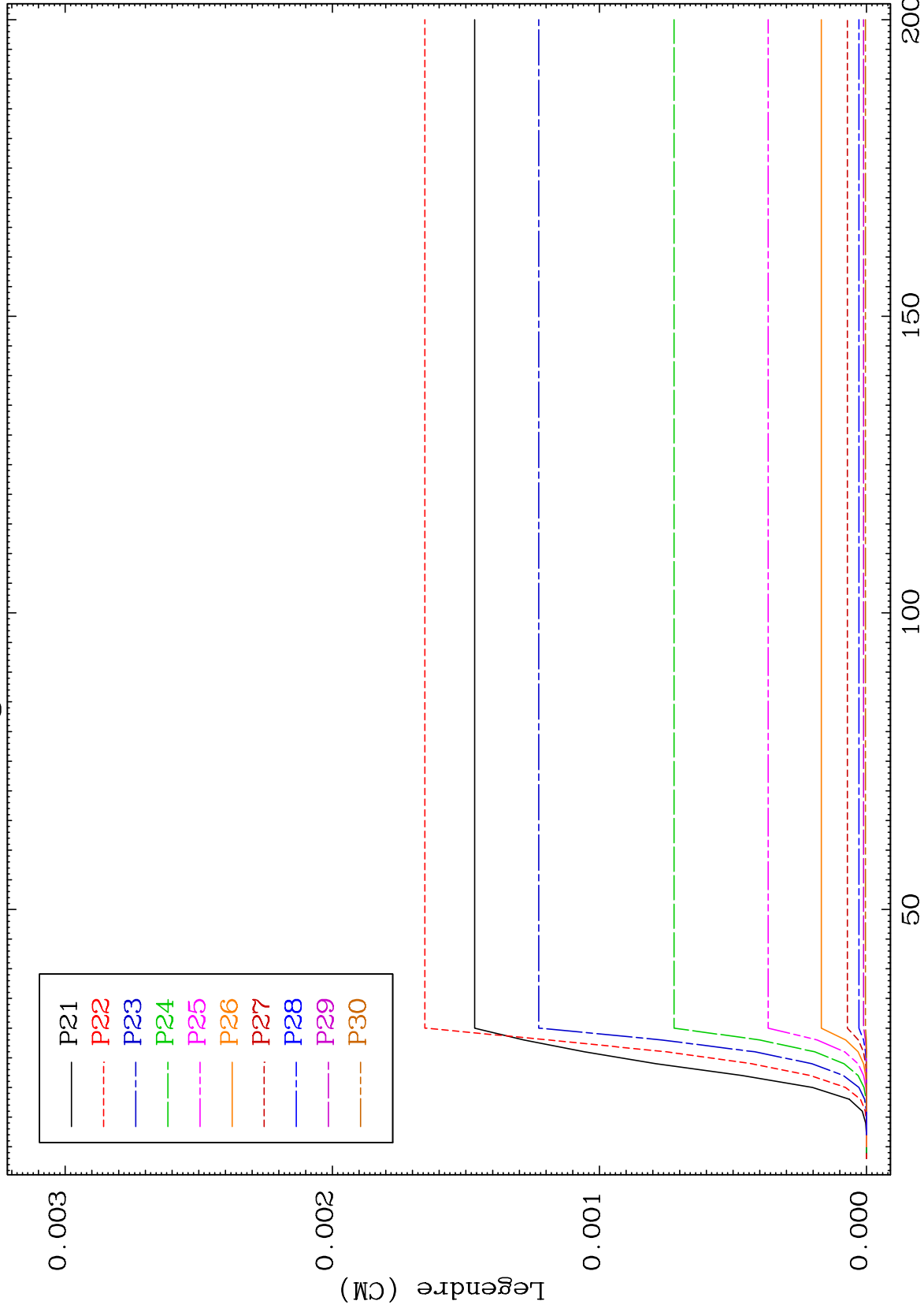
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



78

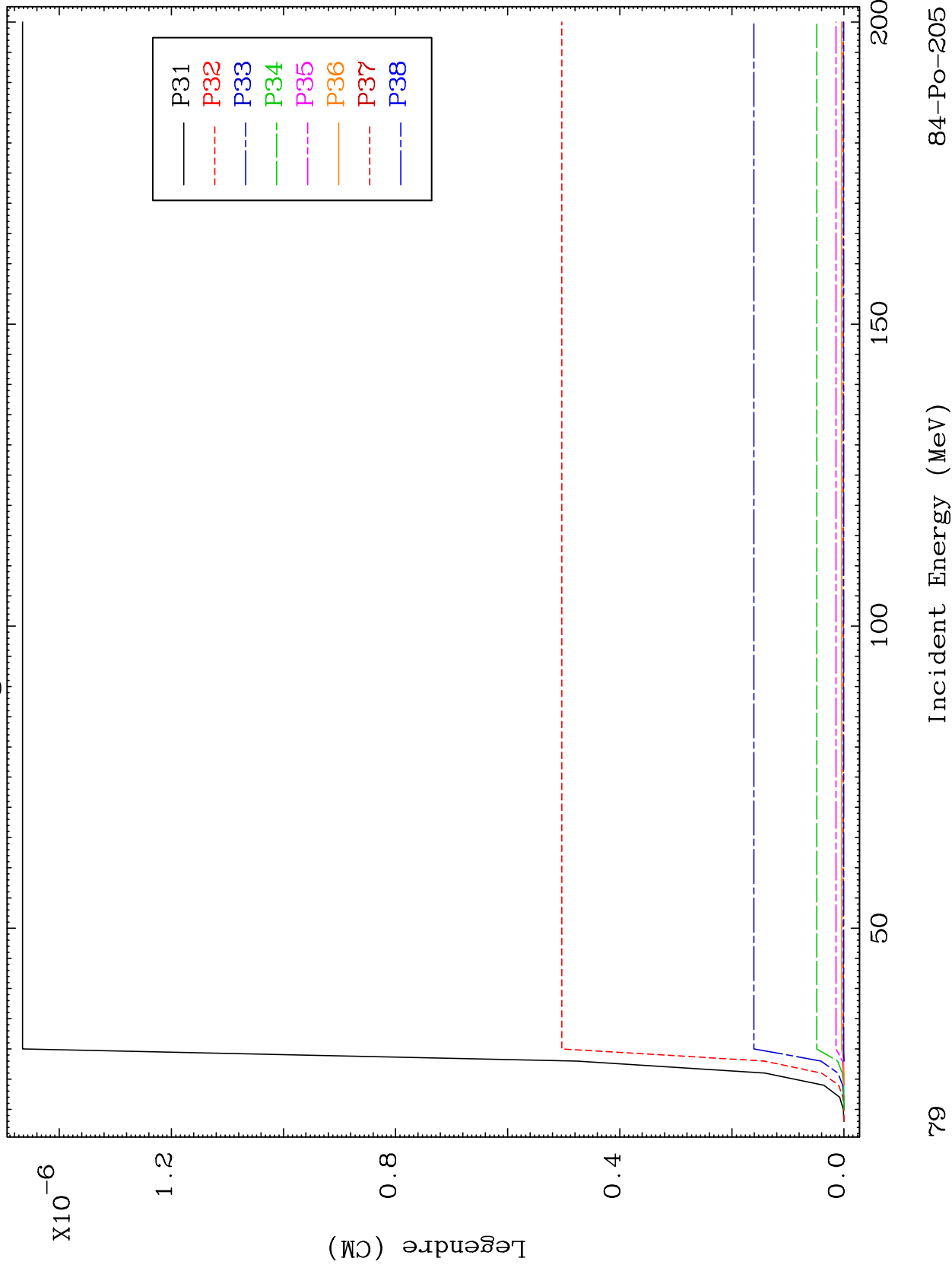
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205

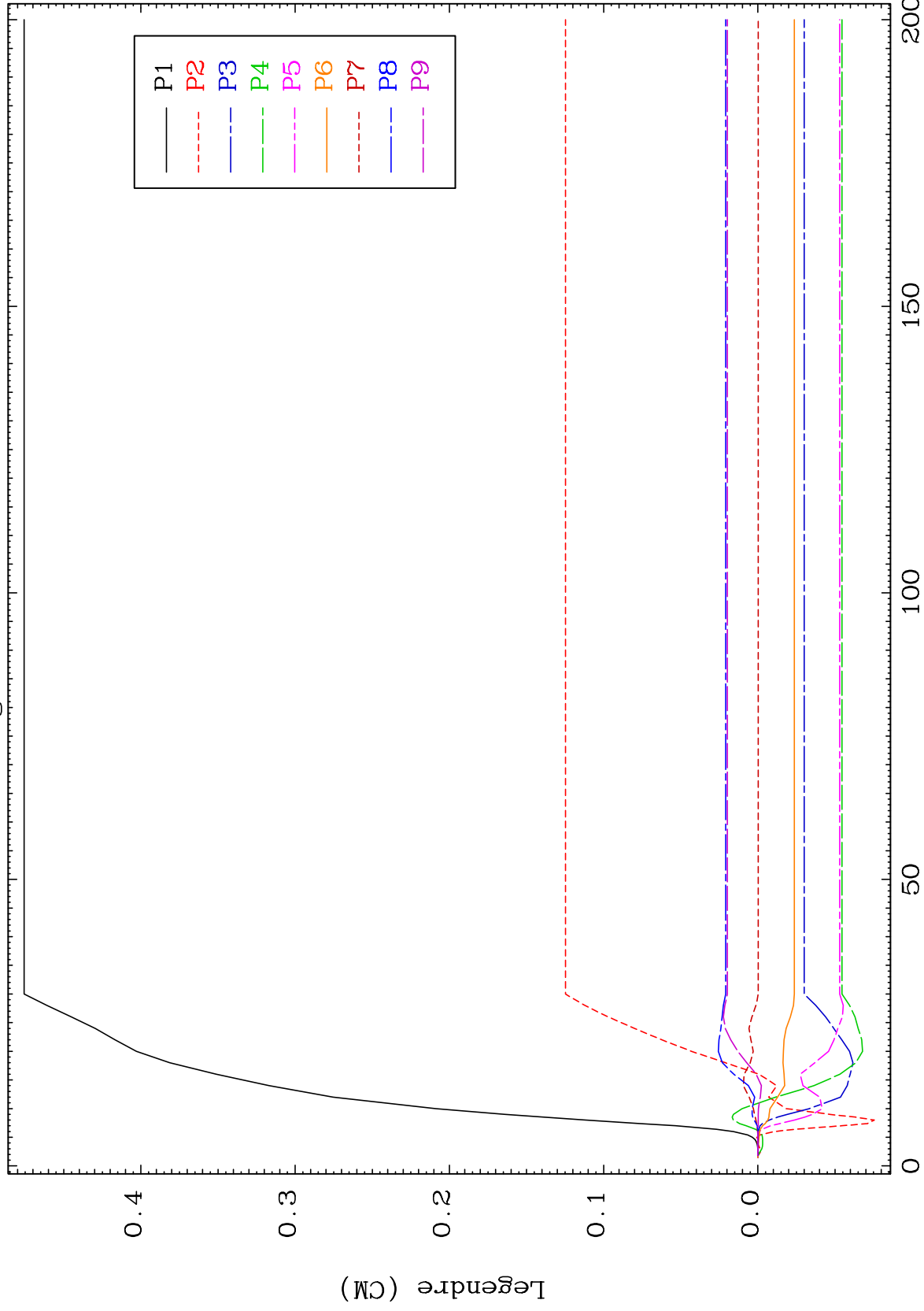




MAT 8422

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

84-Po-205



84-Po-205

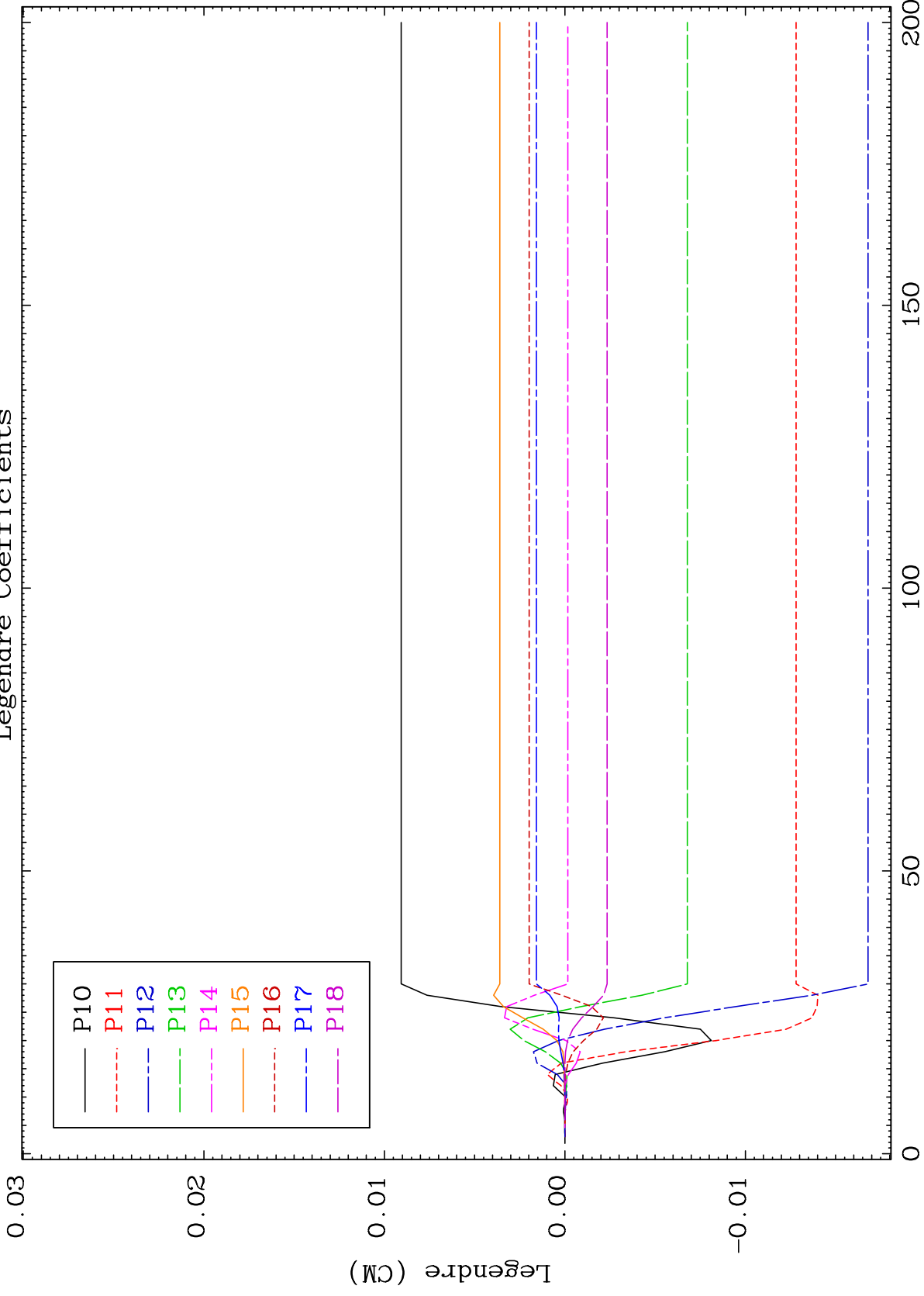
Incident Energy (MeV)

80

MAT 8422

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

84-Po-205



81

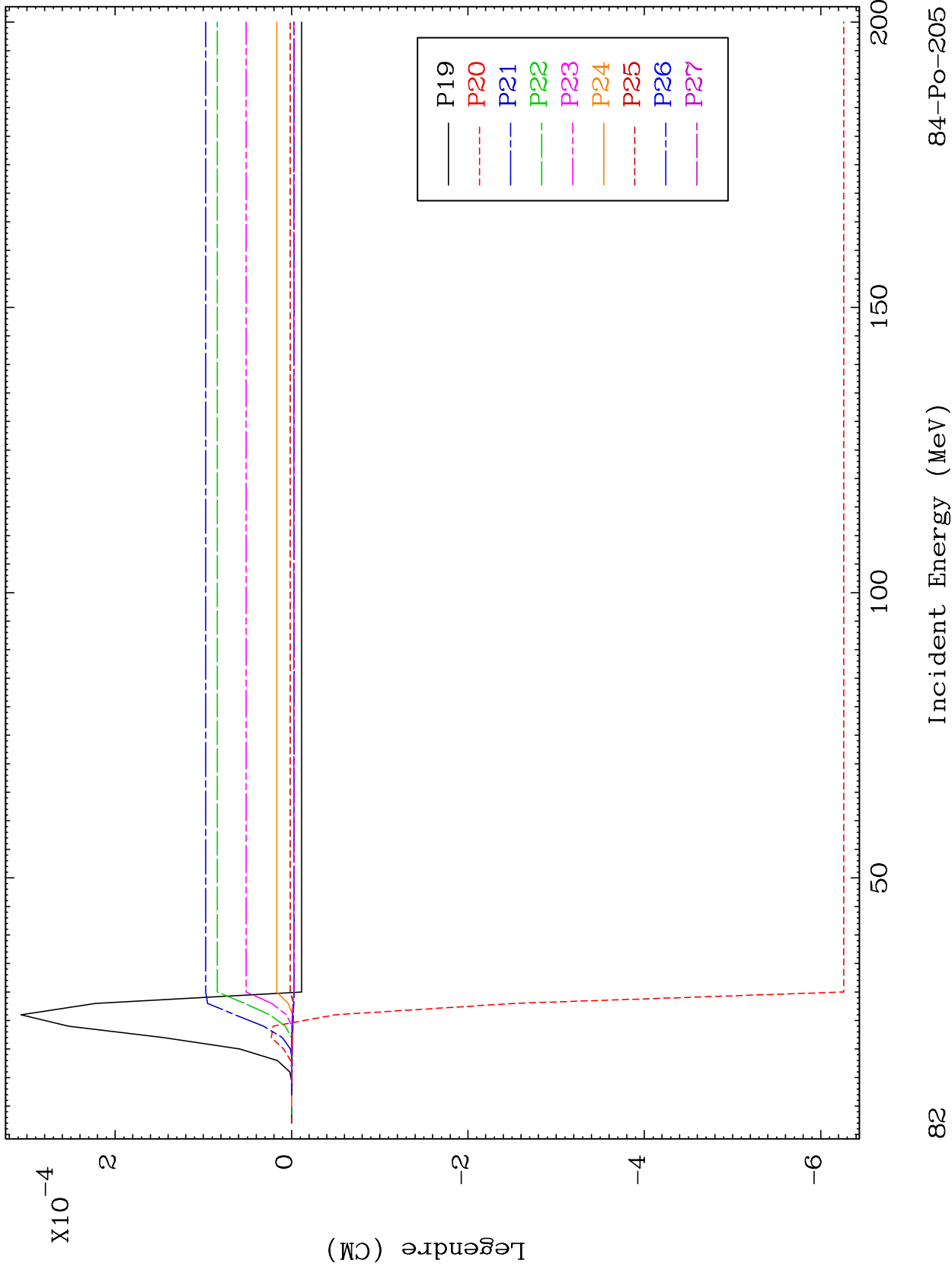
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



82

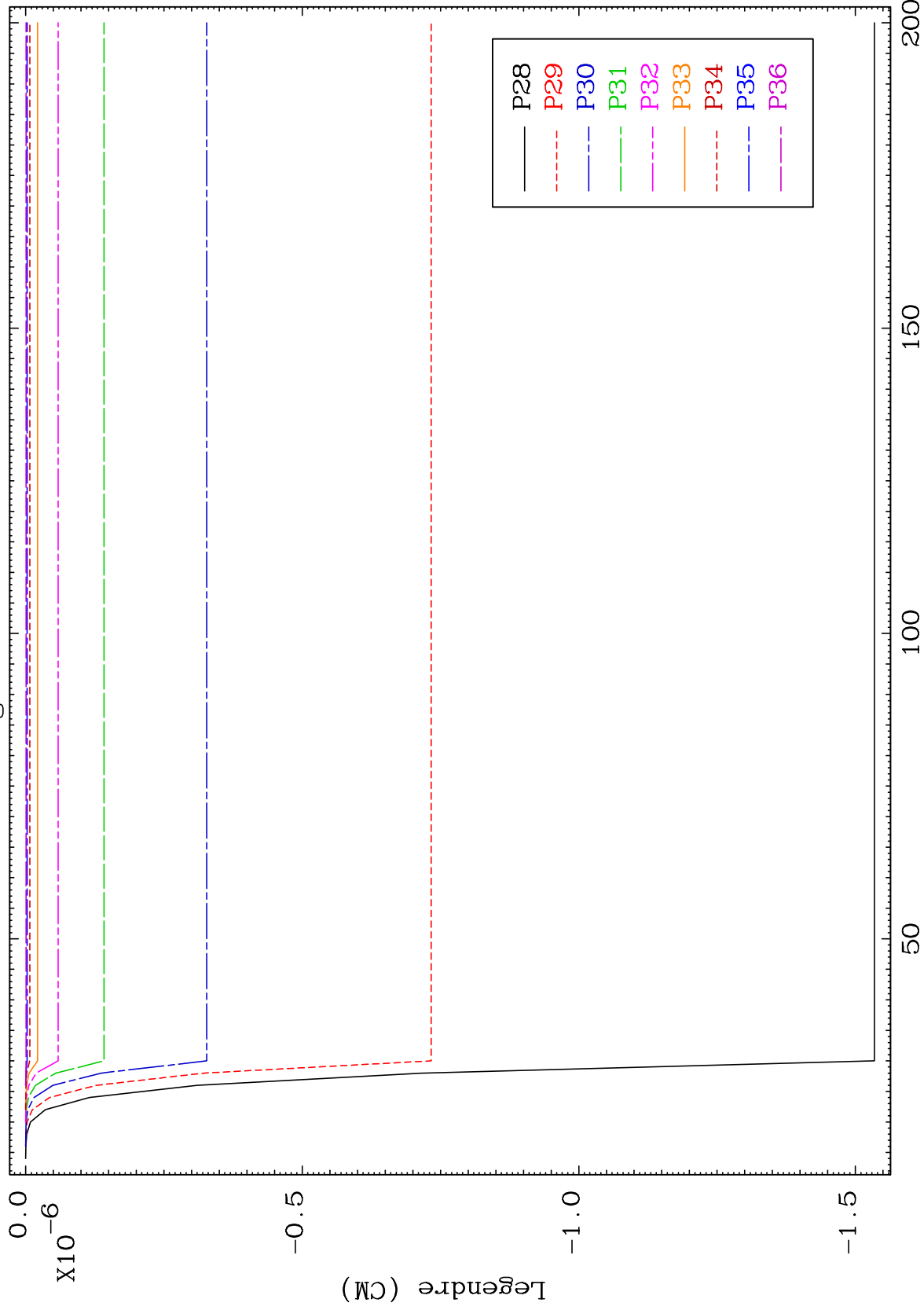
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



83

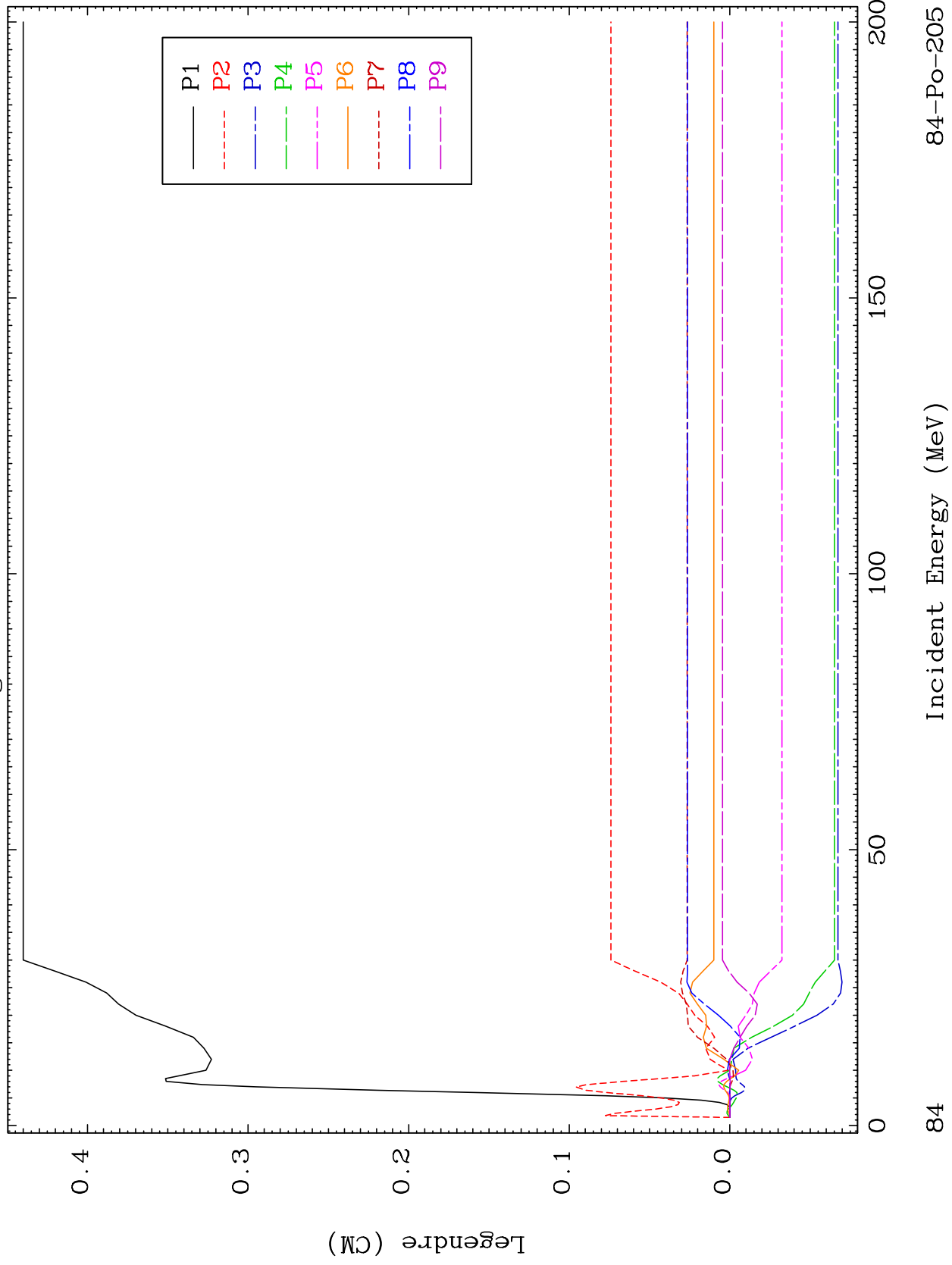
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



84

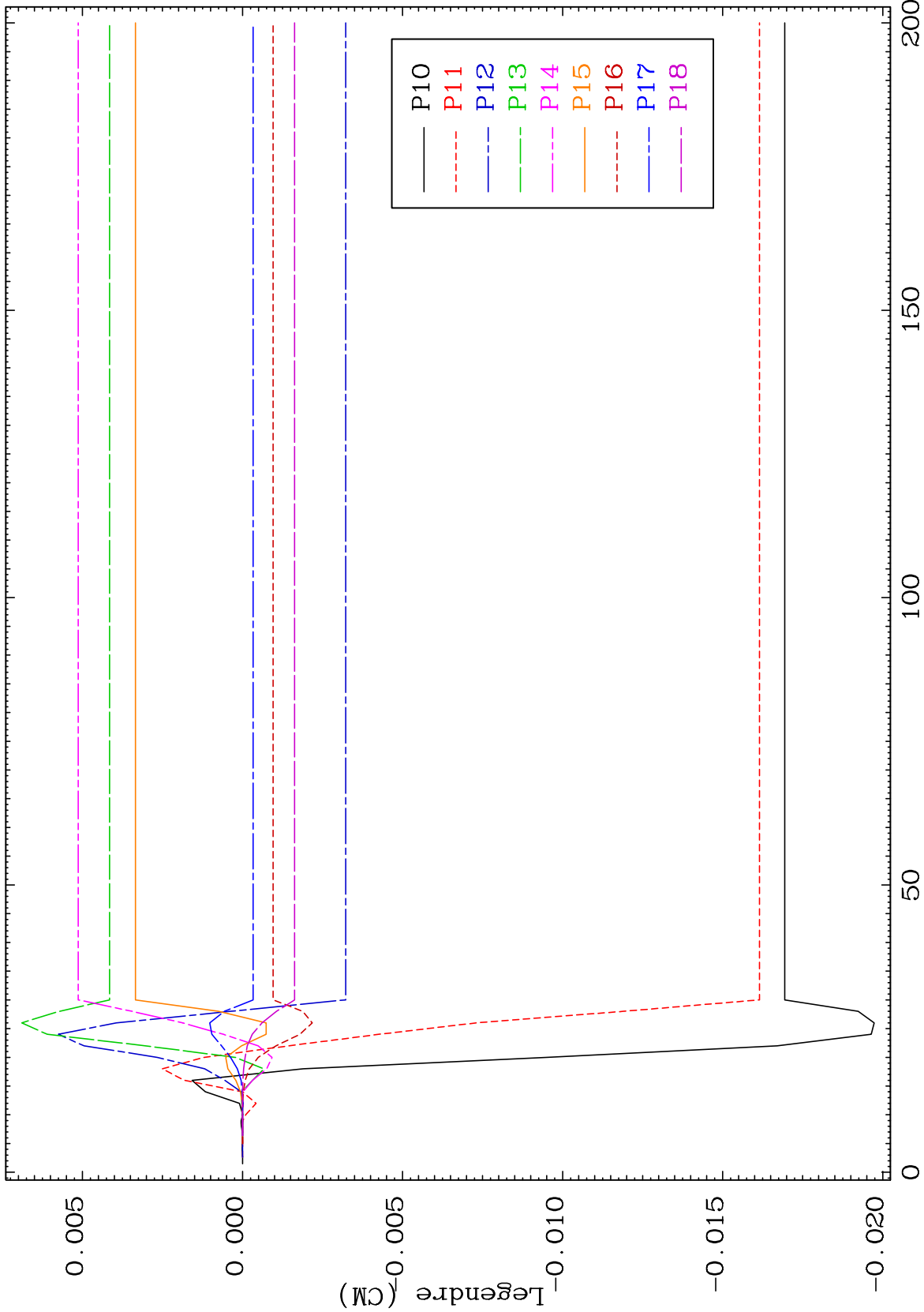
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



85

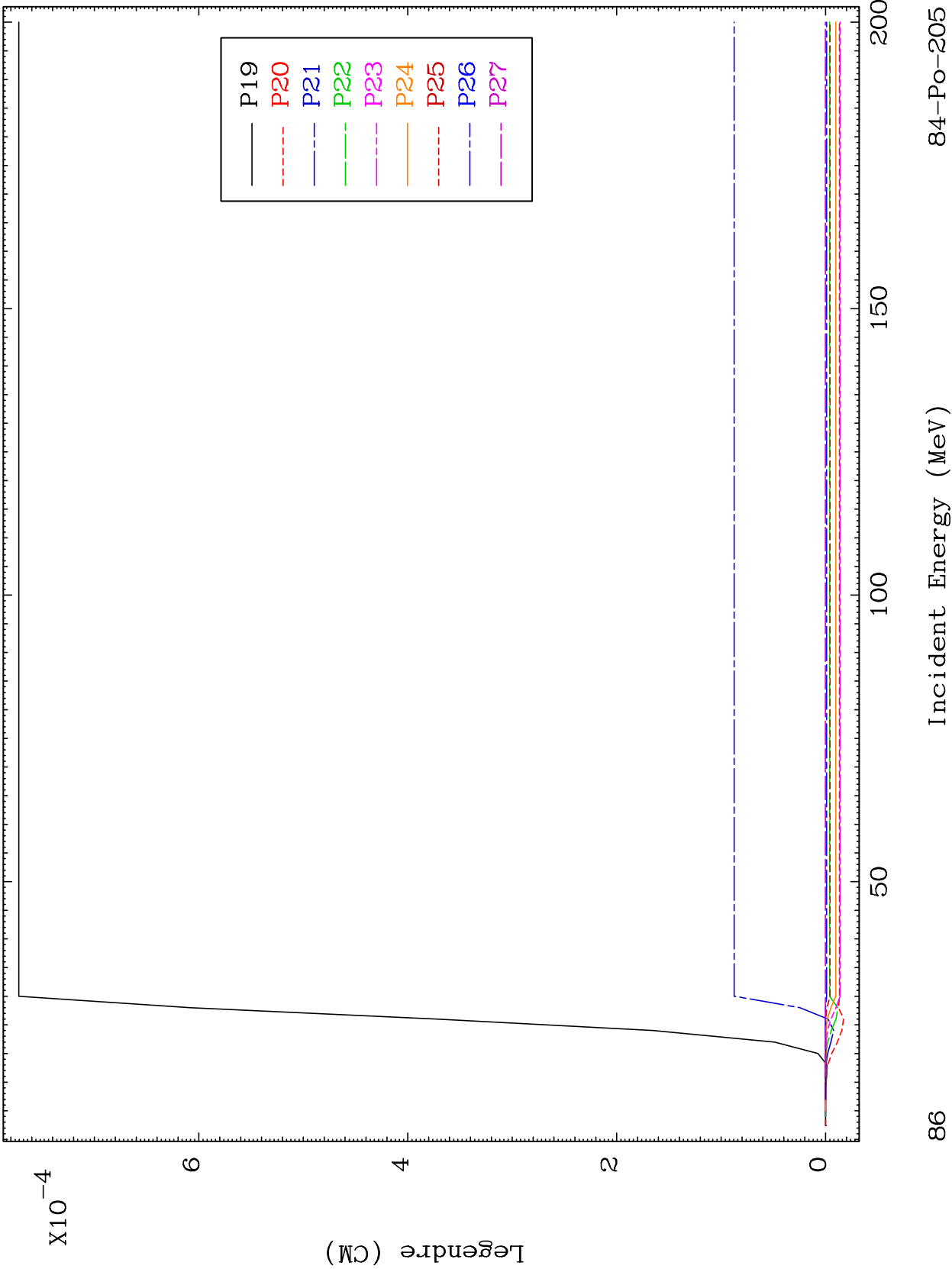
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



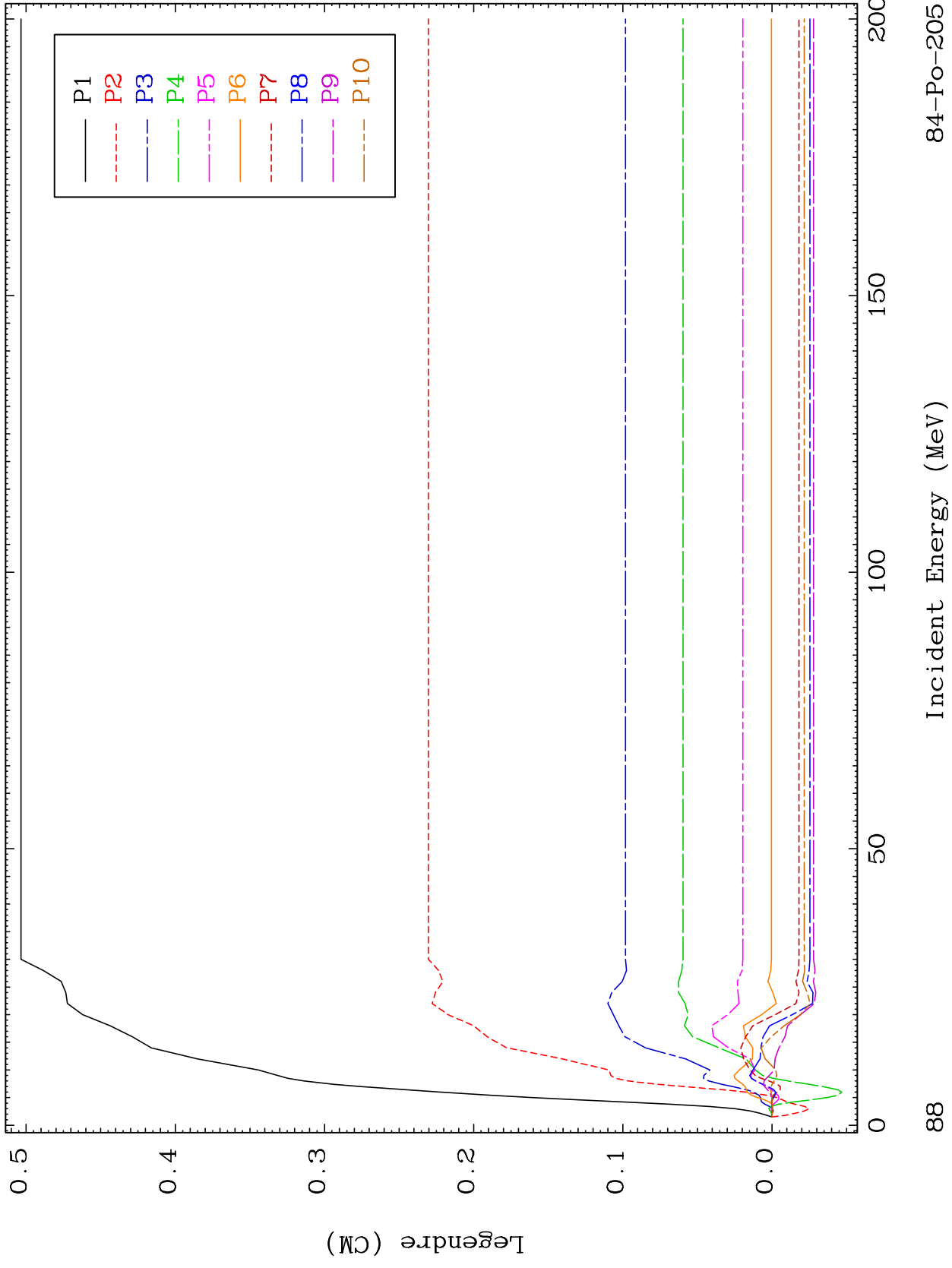




MAT 8422

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

84-Po-205



84-Po-205

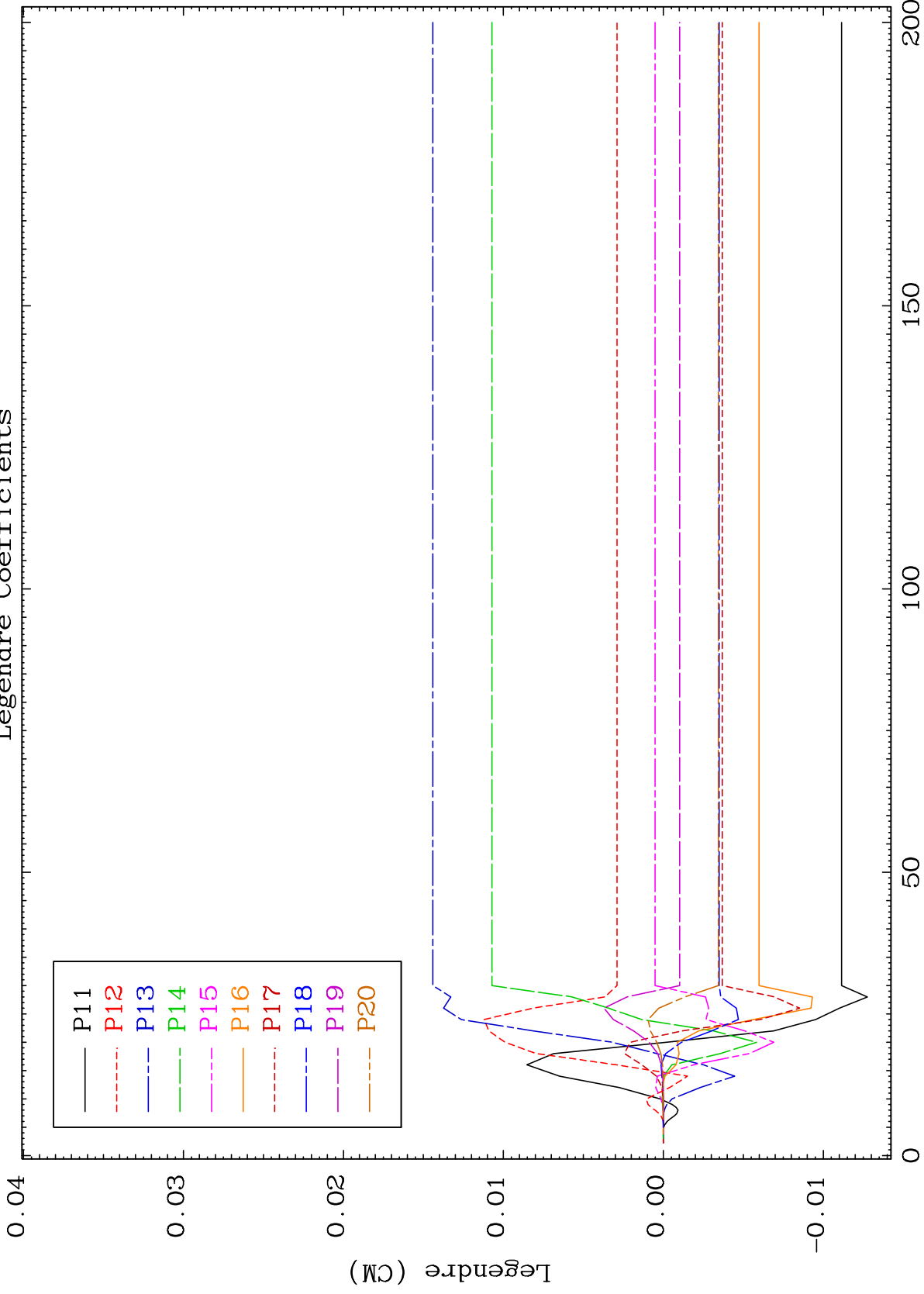
Incident Energy (MeV)

88

MAT 8422

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

84-Po-205



89

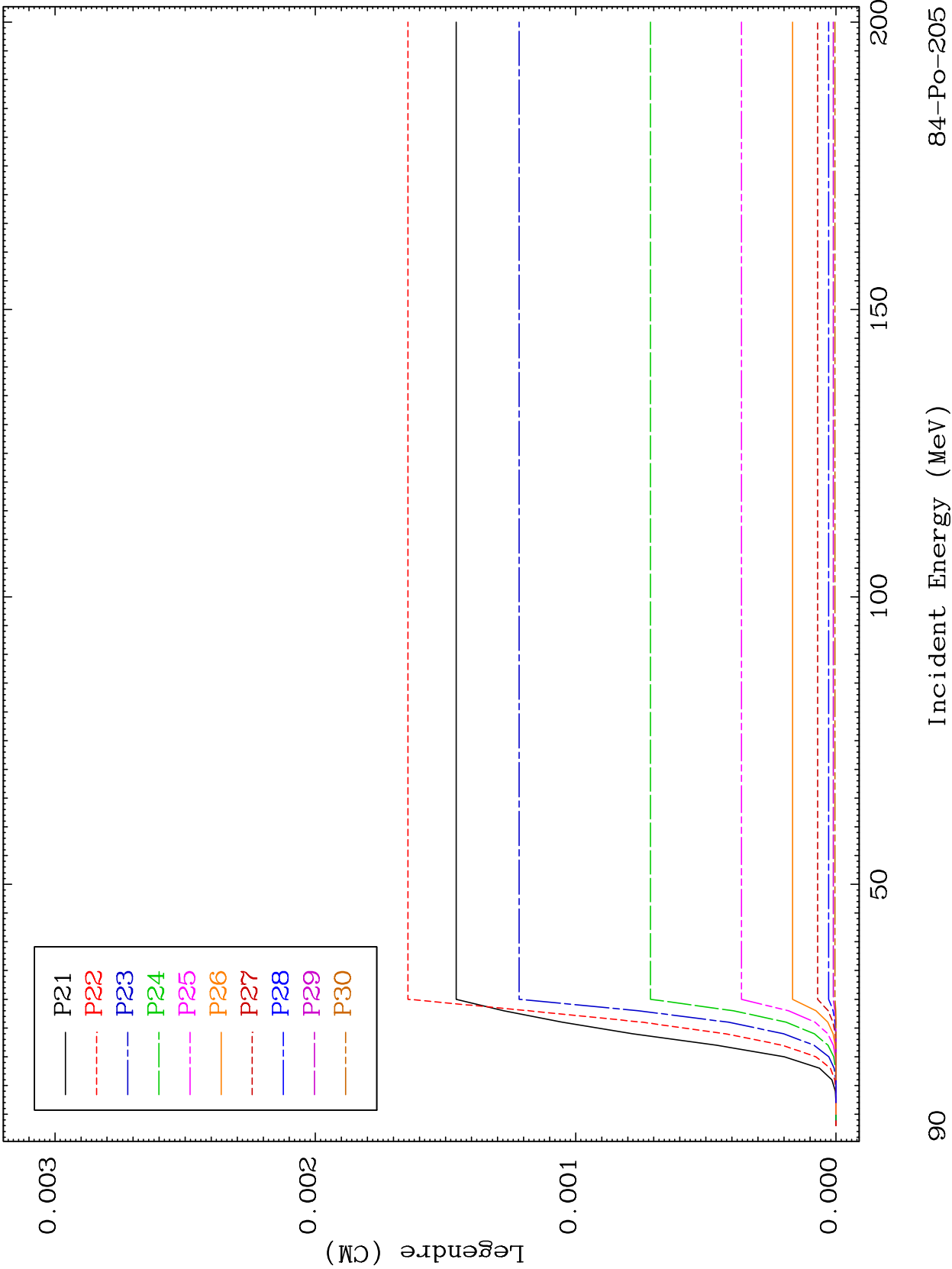
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



90

Incident Energy (MeV)

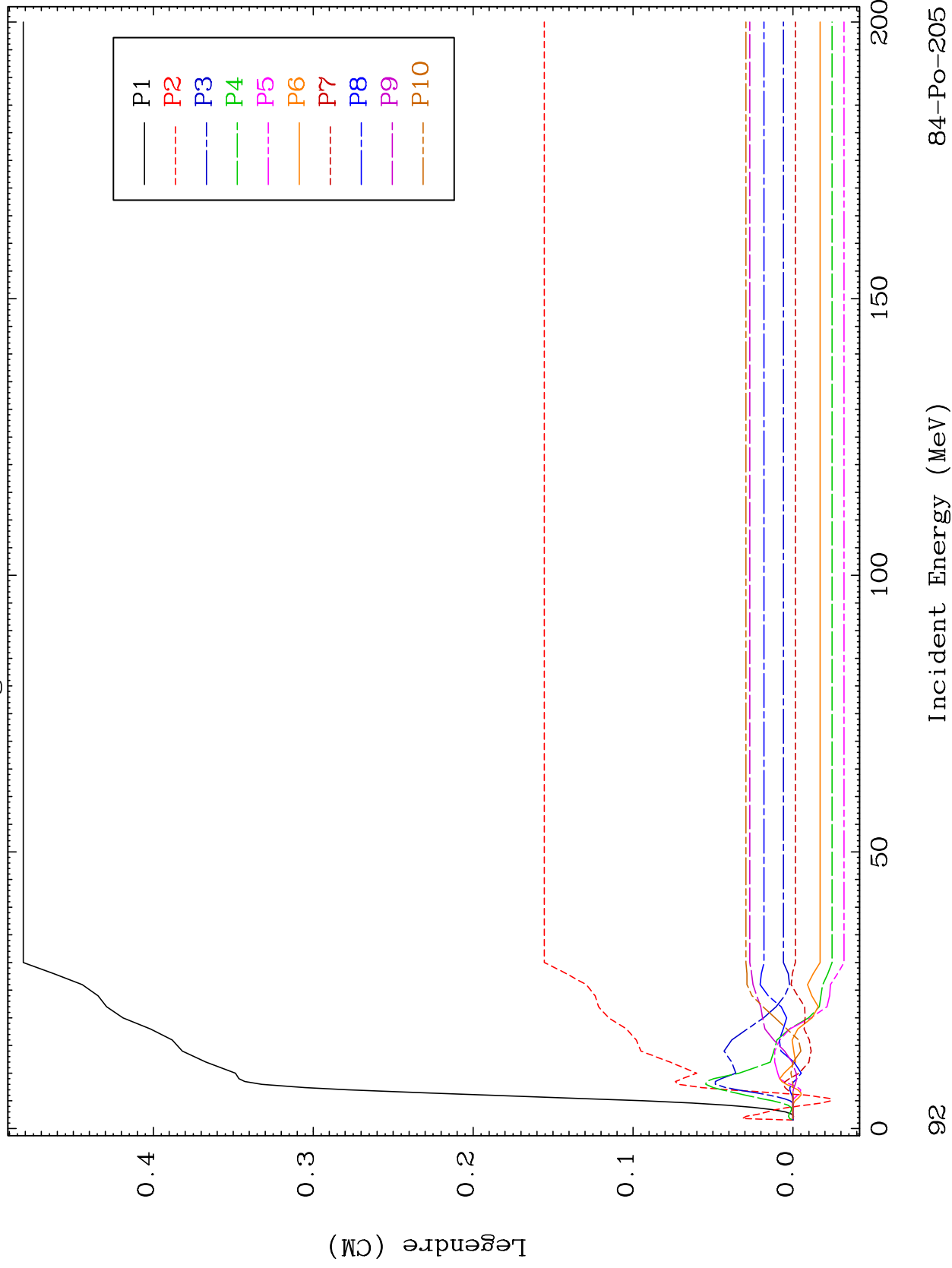
84-Po-205



MAT 8422

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

84-Po-205



92

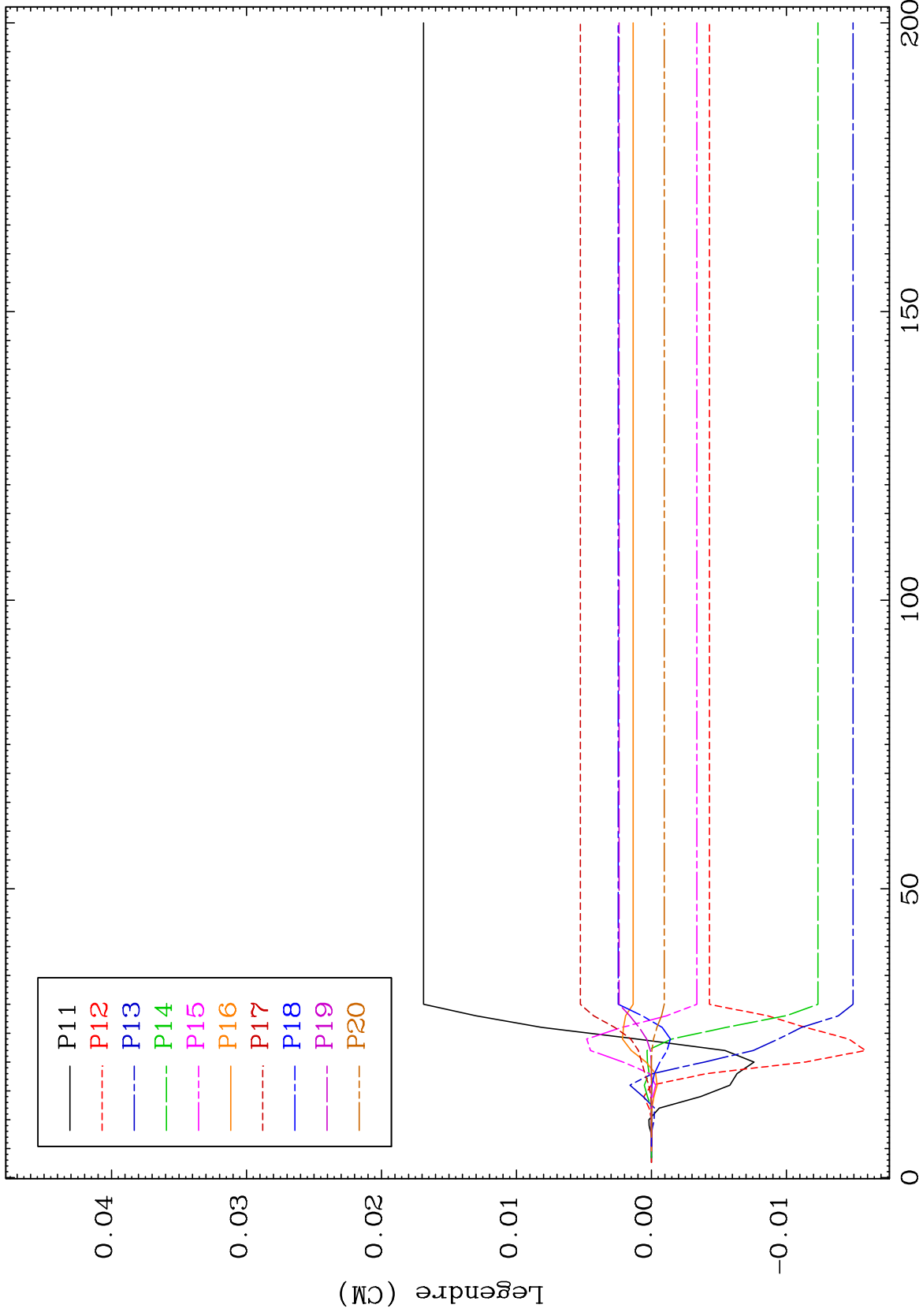
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



93

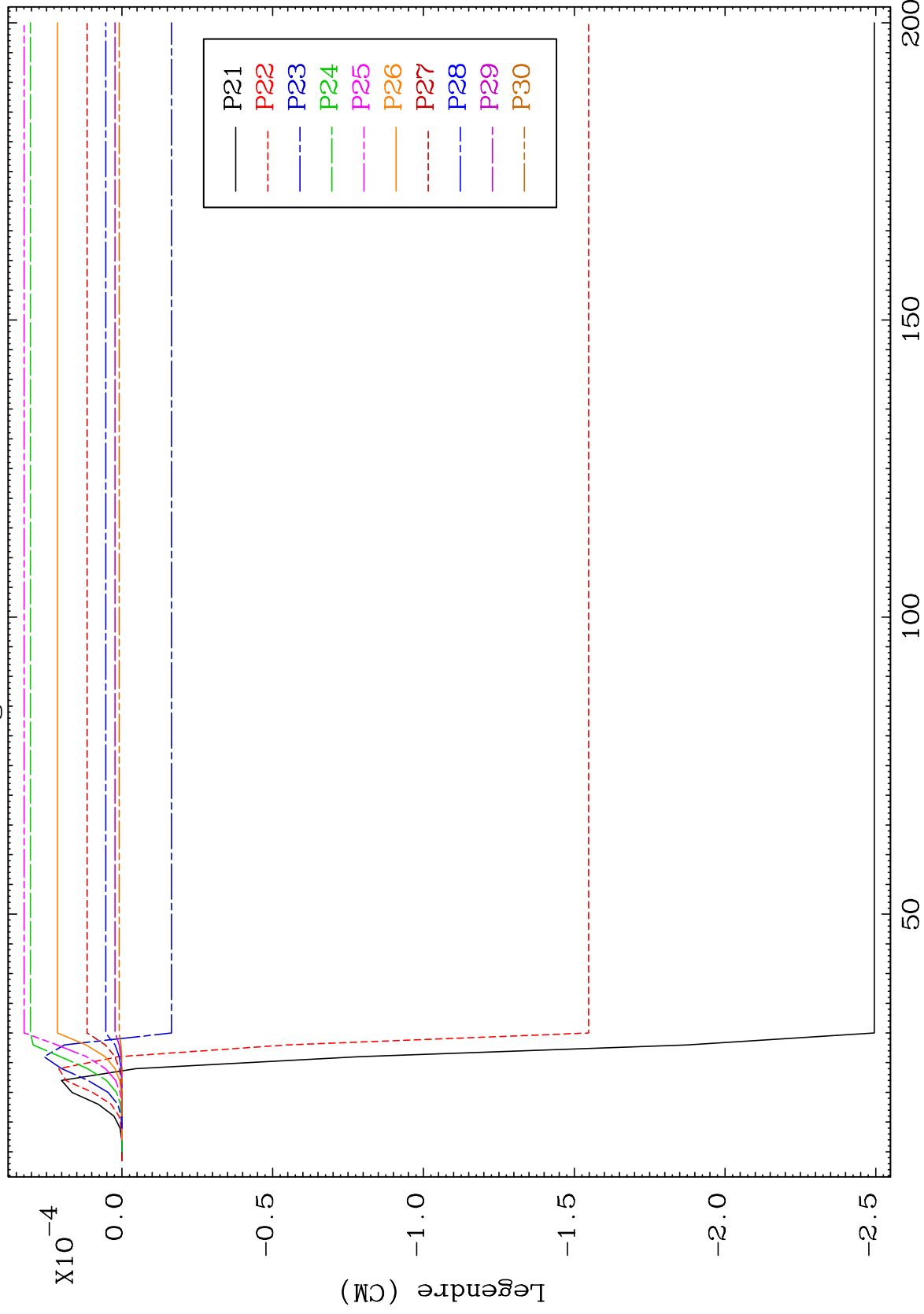
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



94

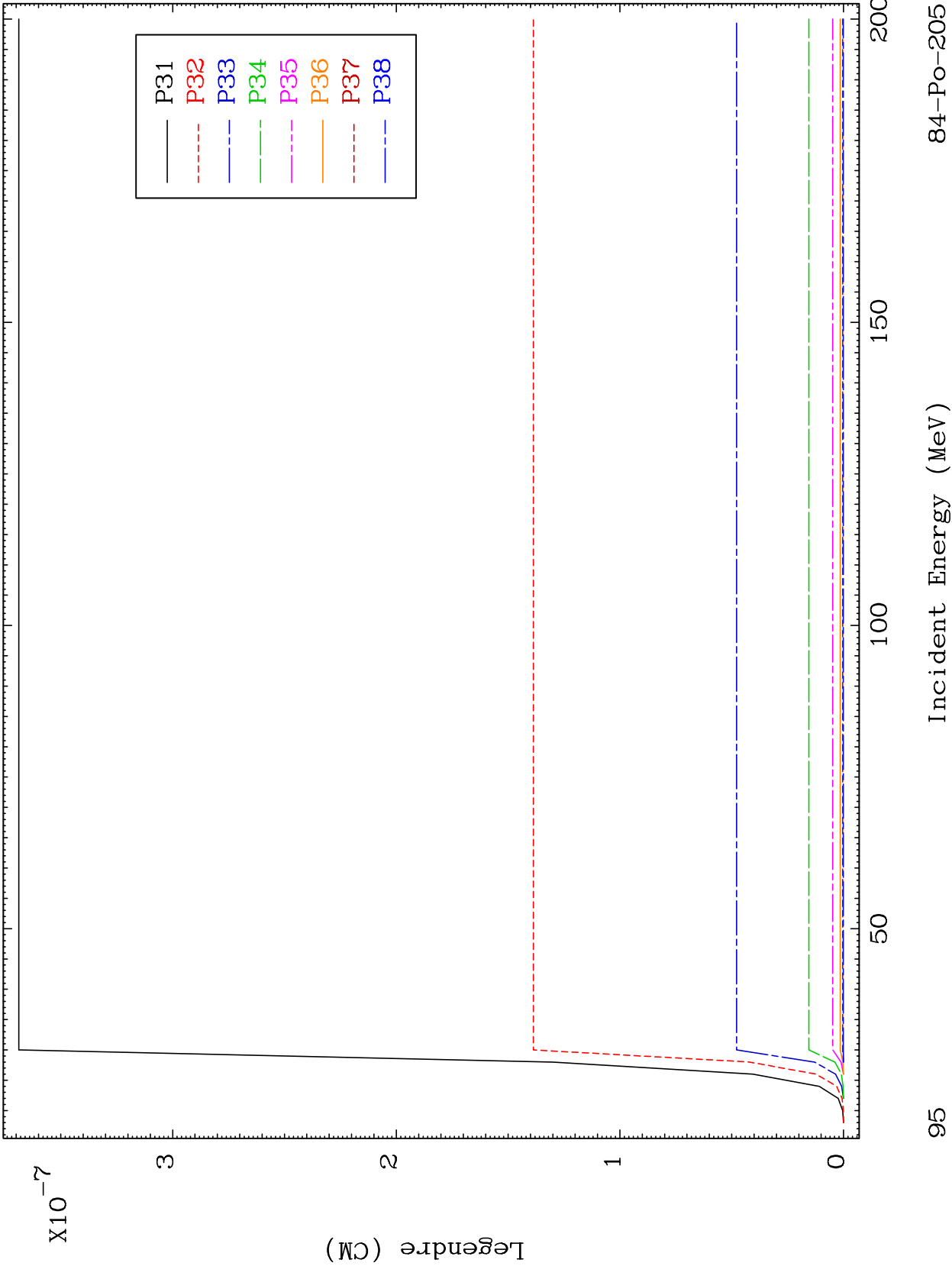
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205

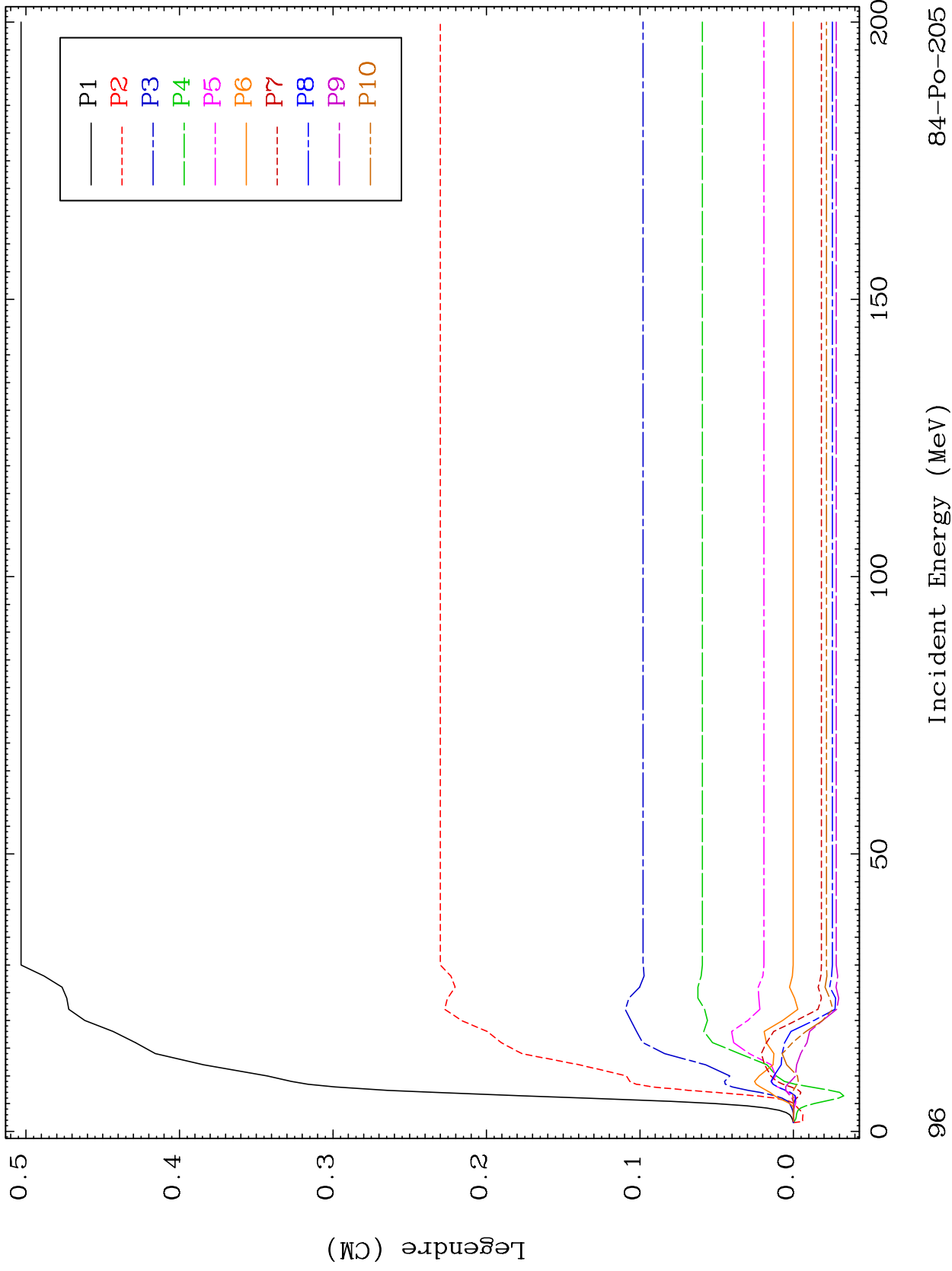




MAT 8422

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

84-Po-205



84-Po-205

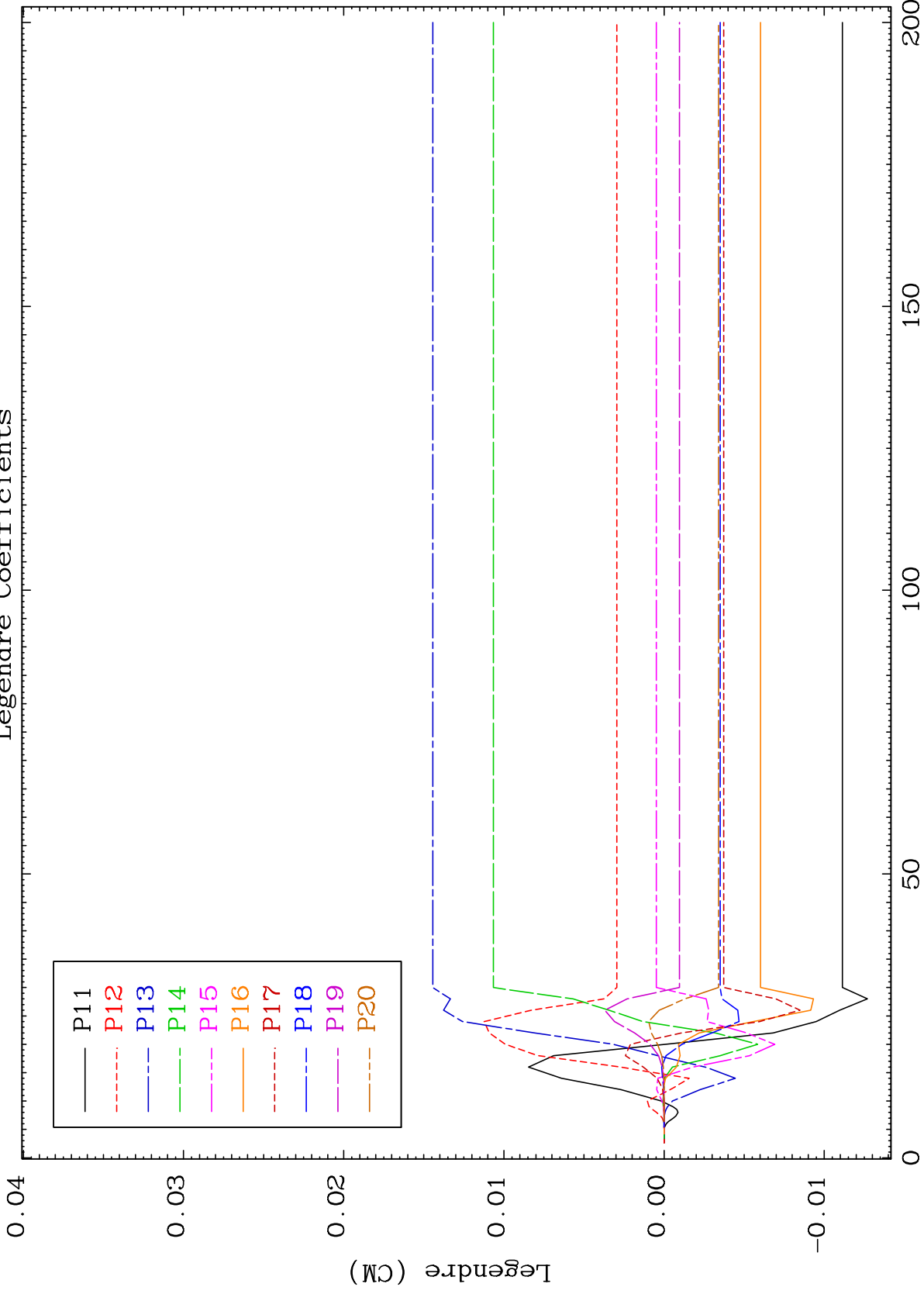
Incident Energy (MeV)

96

MAT 8422

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

84-Po-205



97

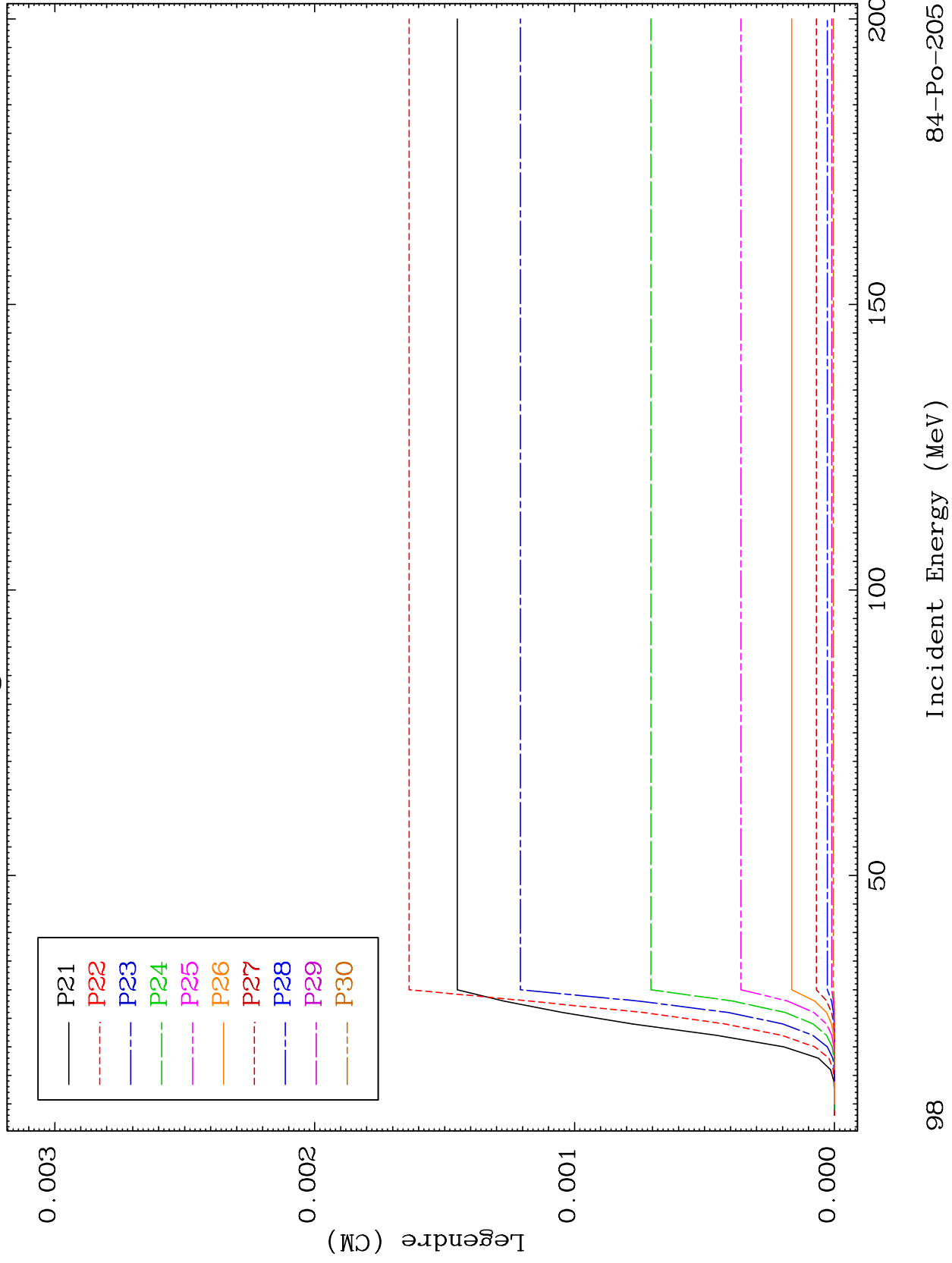
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205

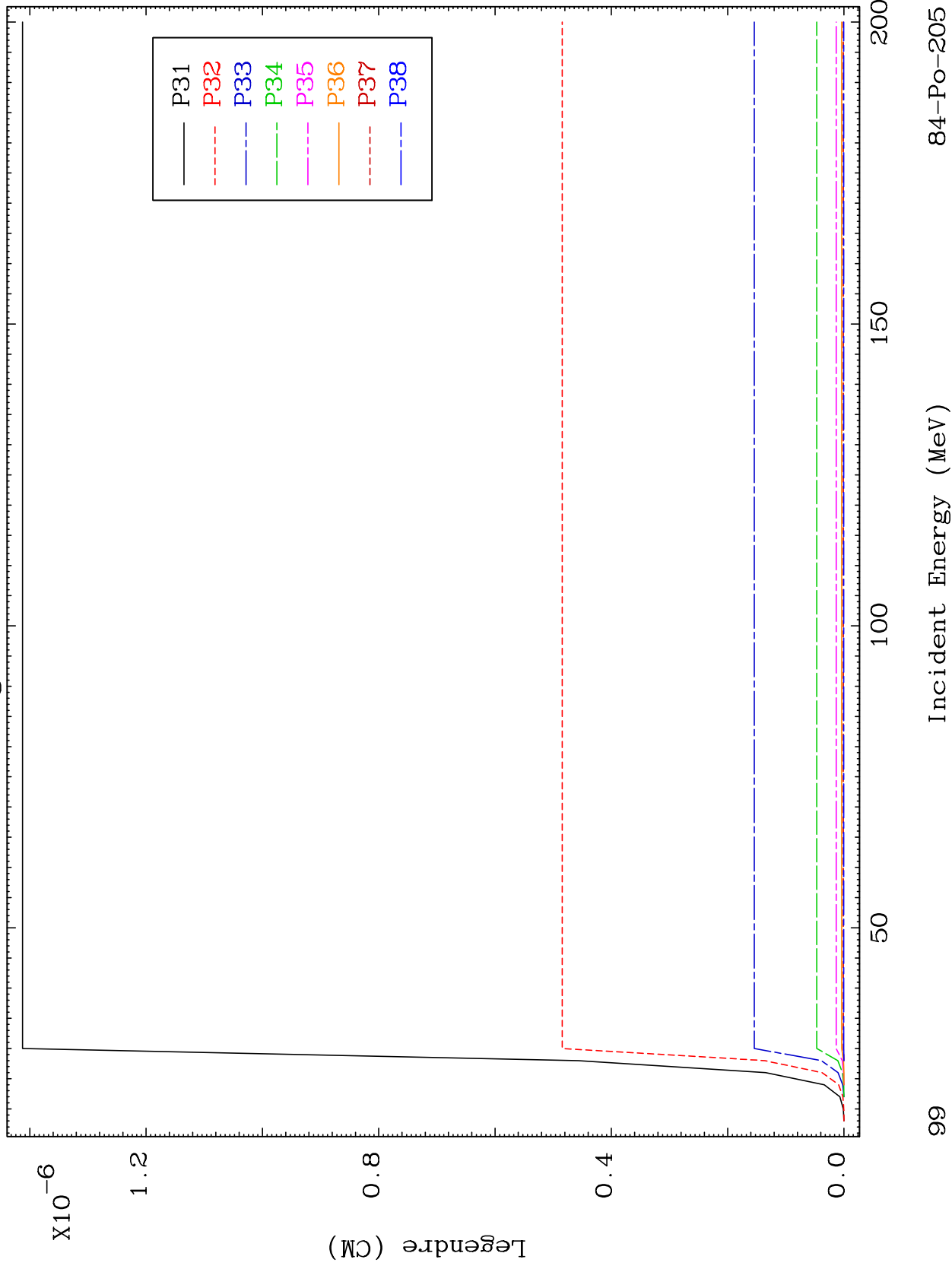


98

MAT 8422

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

84-Po-205

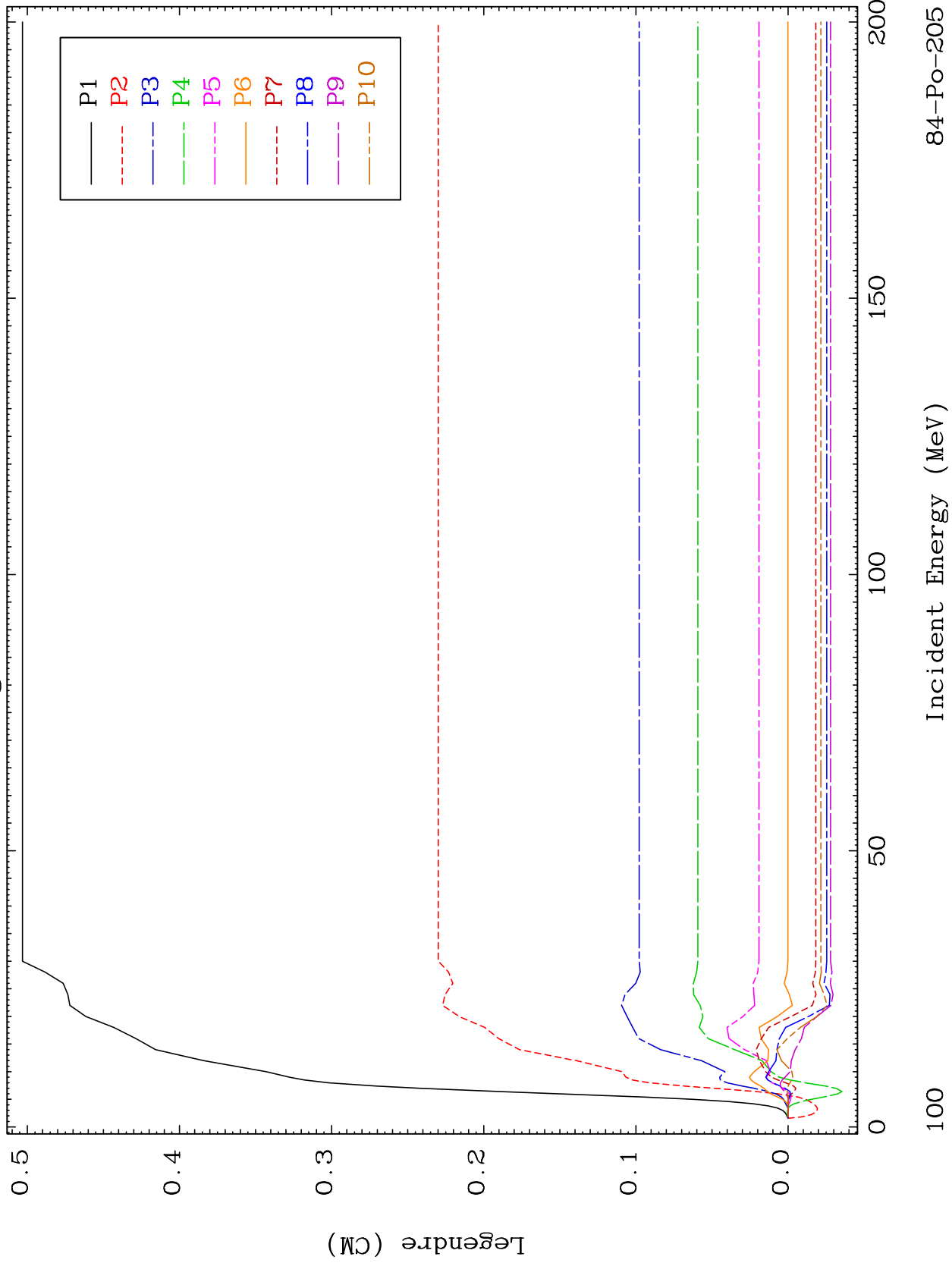


99

MAT 8422

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

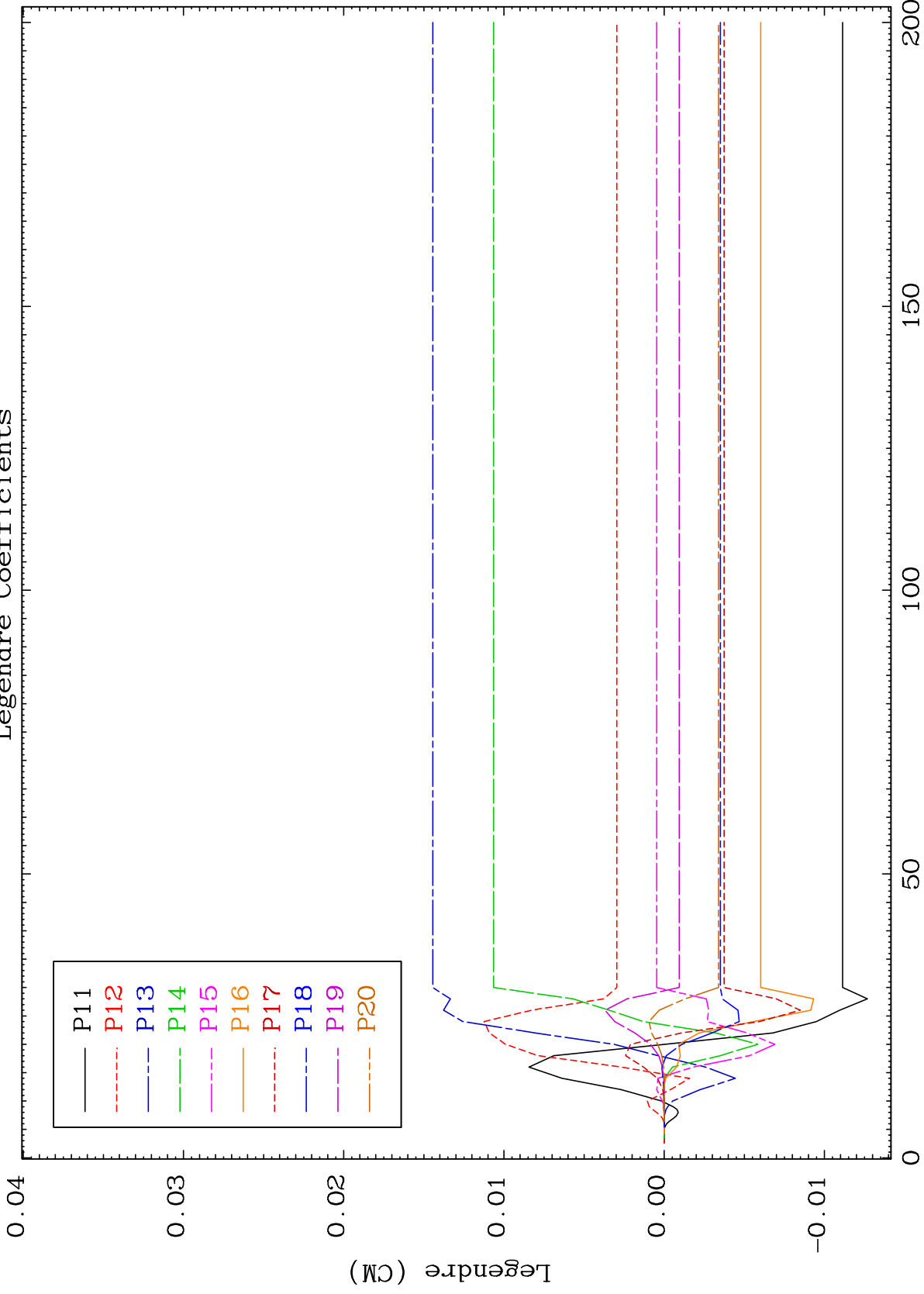
84-Po-205



MAT 8422

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

84-Po-205



101

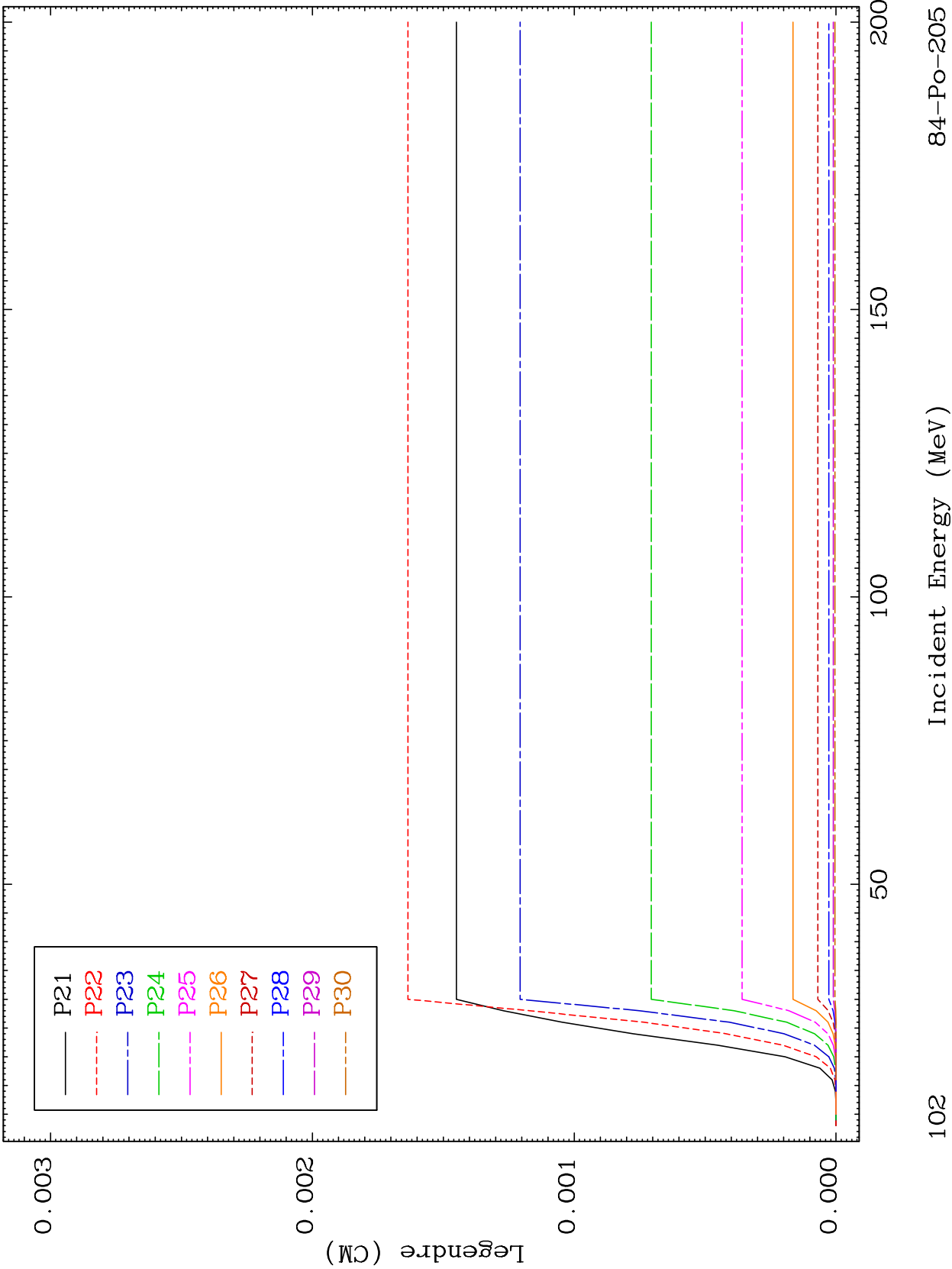
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



102

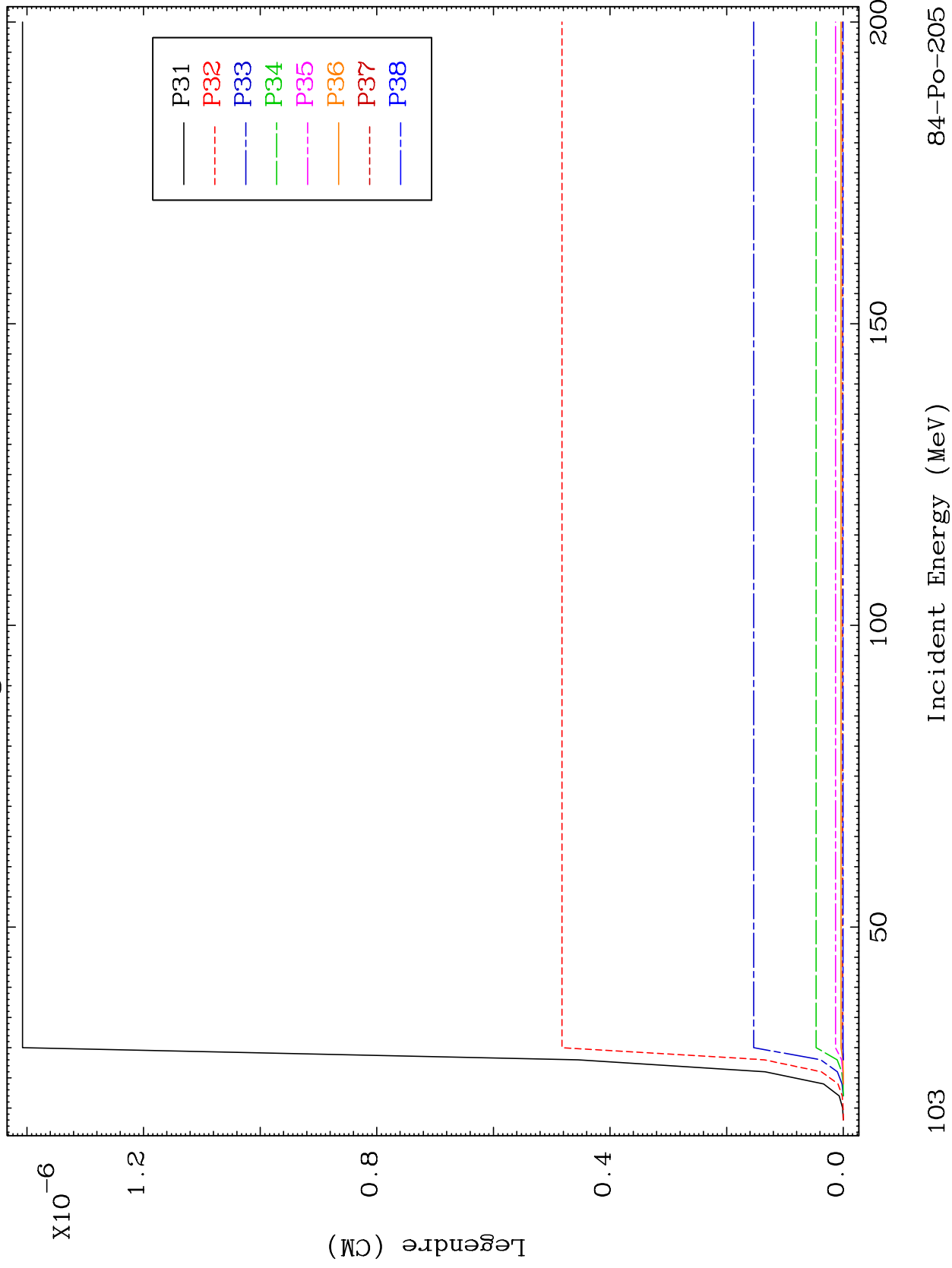
Incident Energy (MeV)

84-Po-205

MAT 8422

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

84-Po-205



103

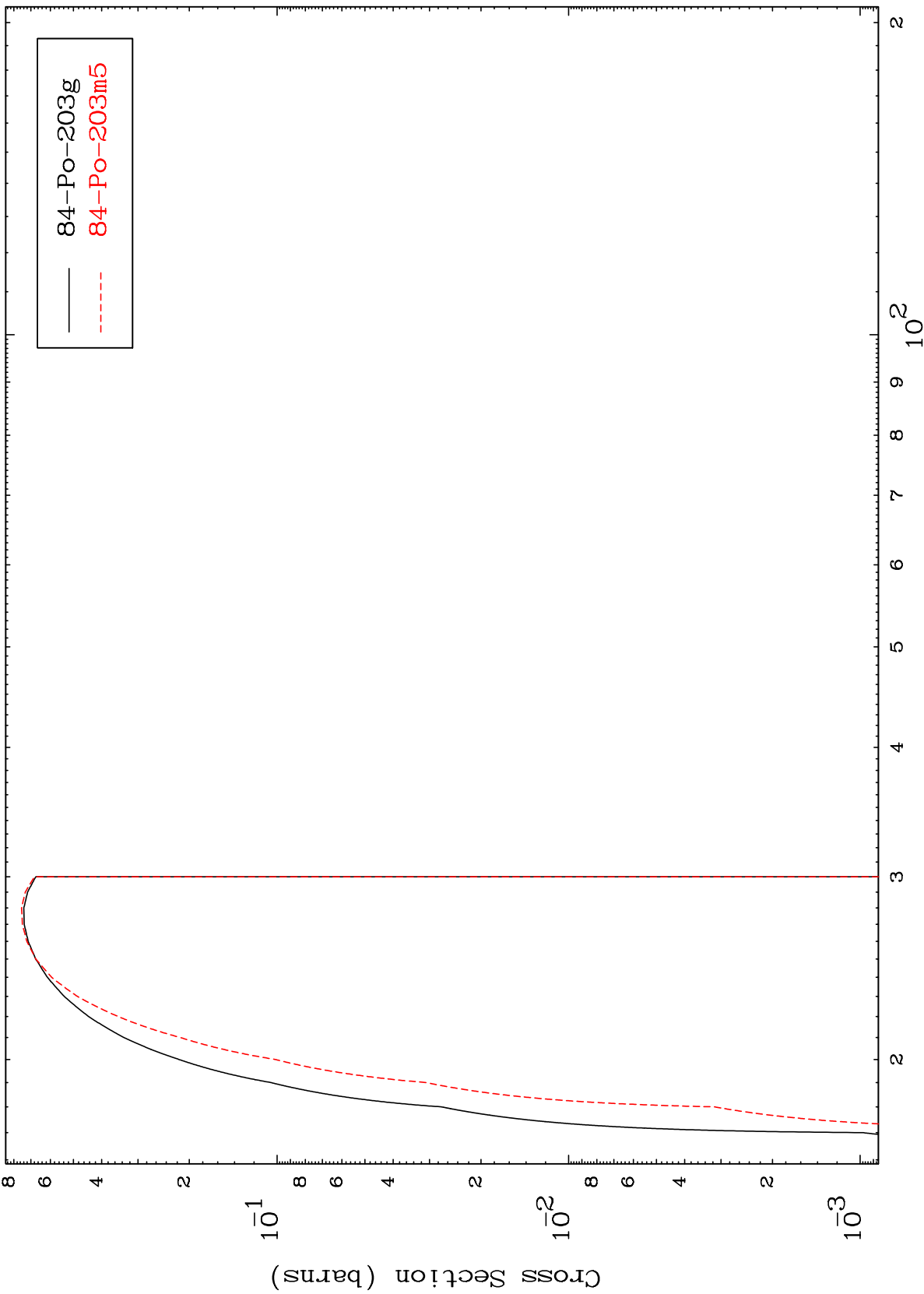
Incident Energy (MeV)

84-Po-205



(n,3n)

Radionuclide Production Cross Section



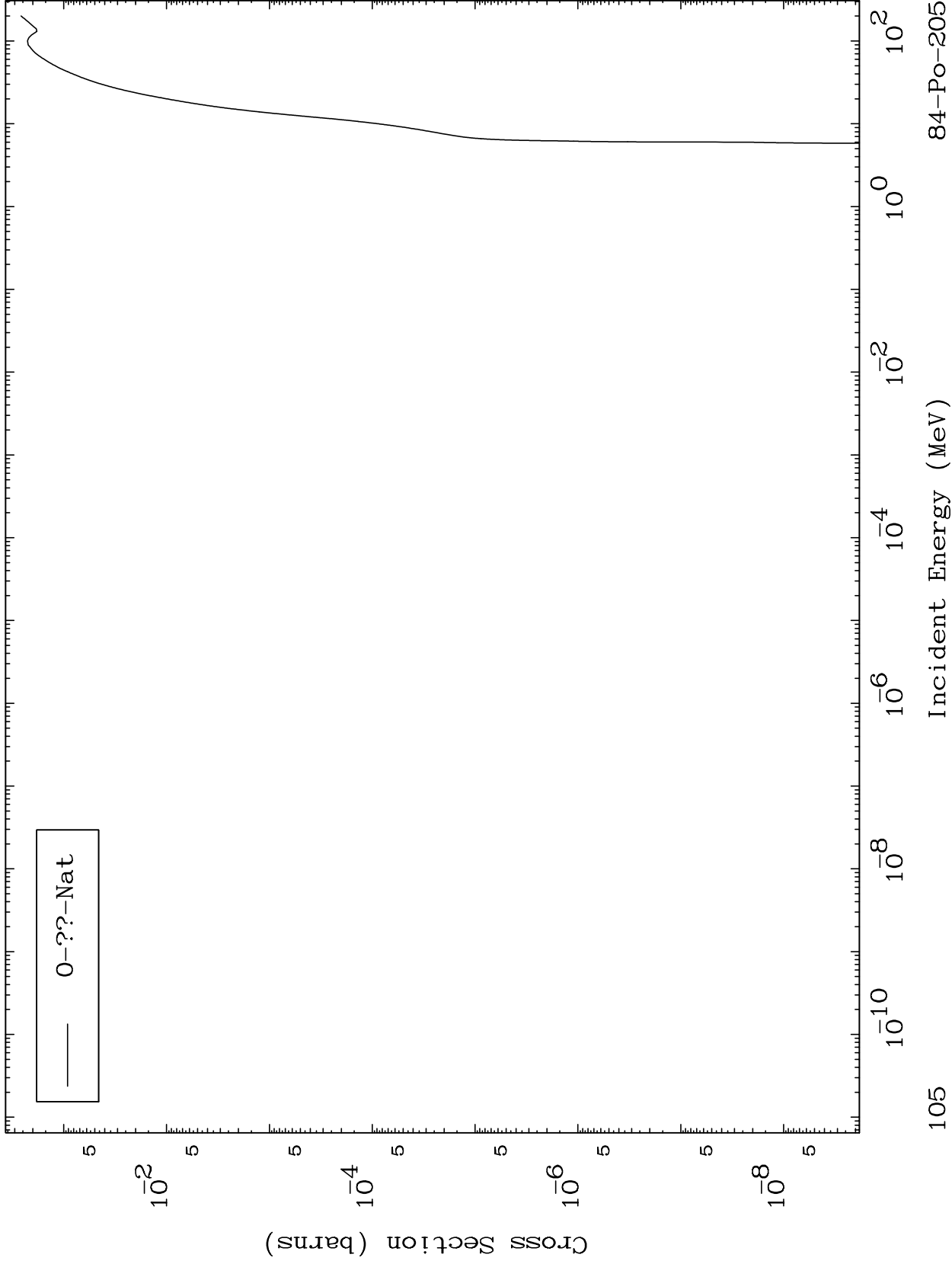
84-Po-203g  
84-Po-203m5

MAT 8422

Fission

84-Po-205

Radionuclide Production Cross Section



105

Incident Energy (MeV)

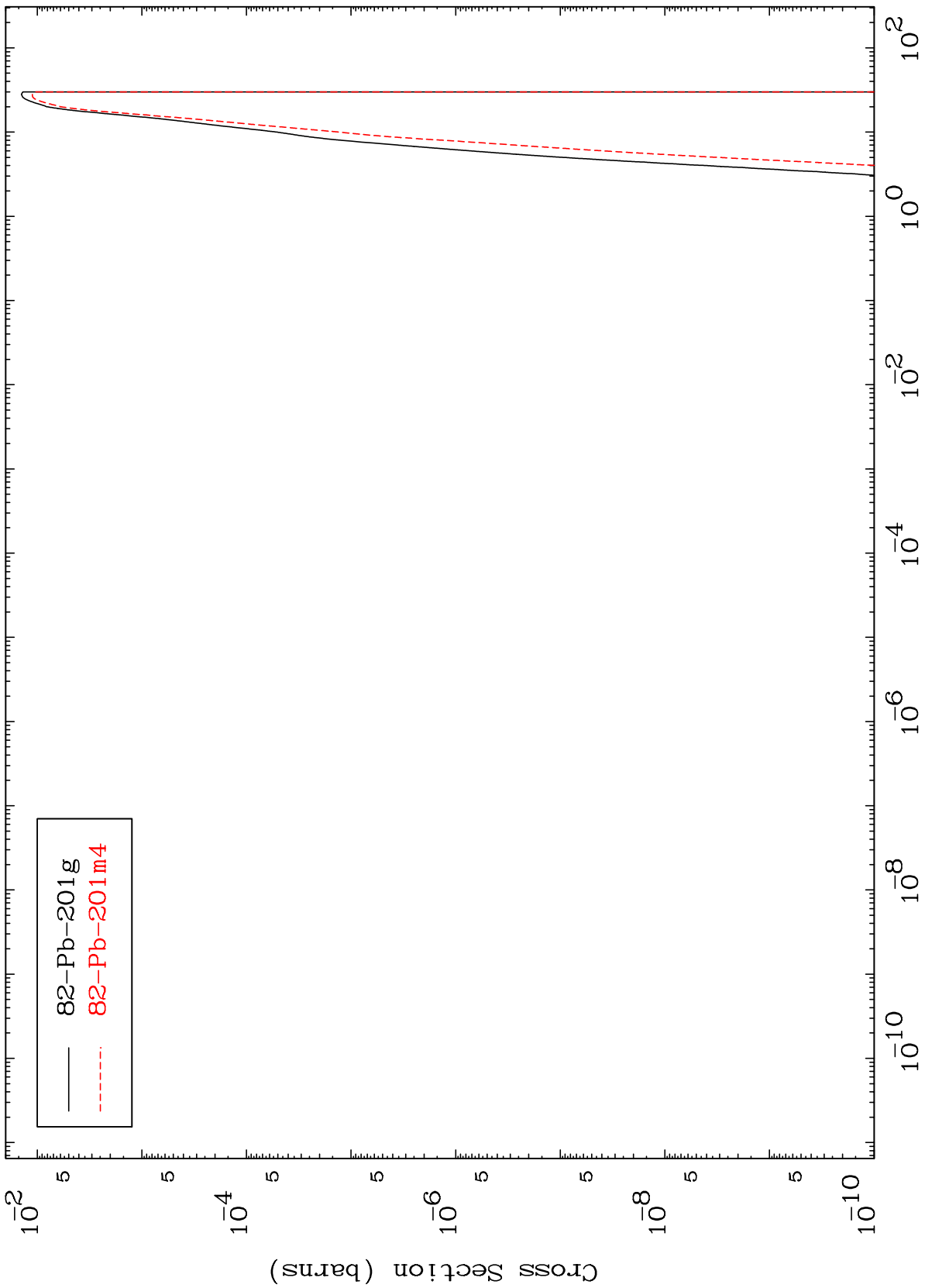
84-Po-205

MAT 8422

(n,n')  $\alpha$

84-Po-205

Radionuclide Production Cross Section



106

Incident Energy (MeV)

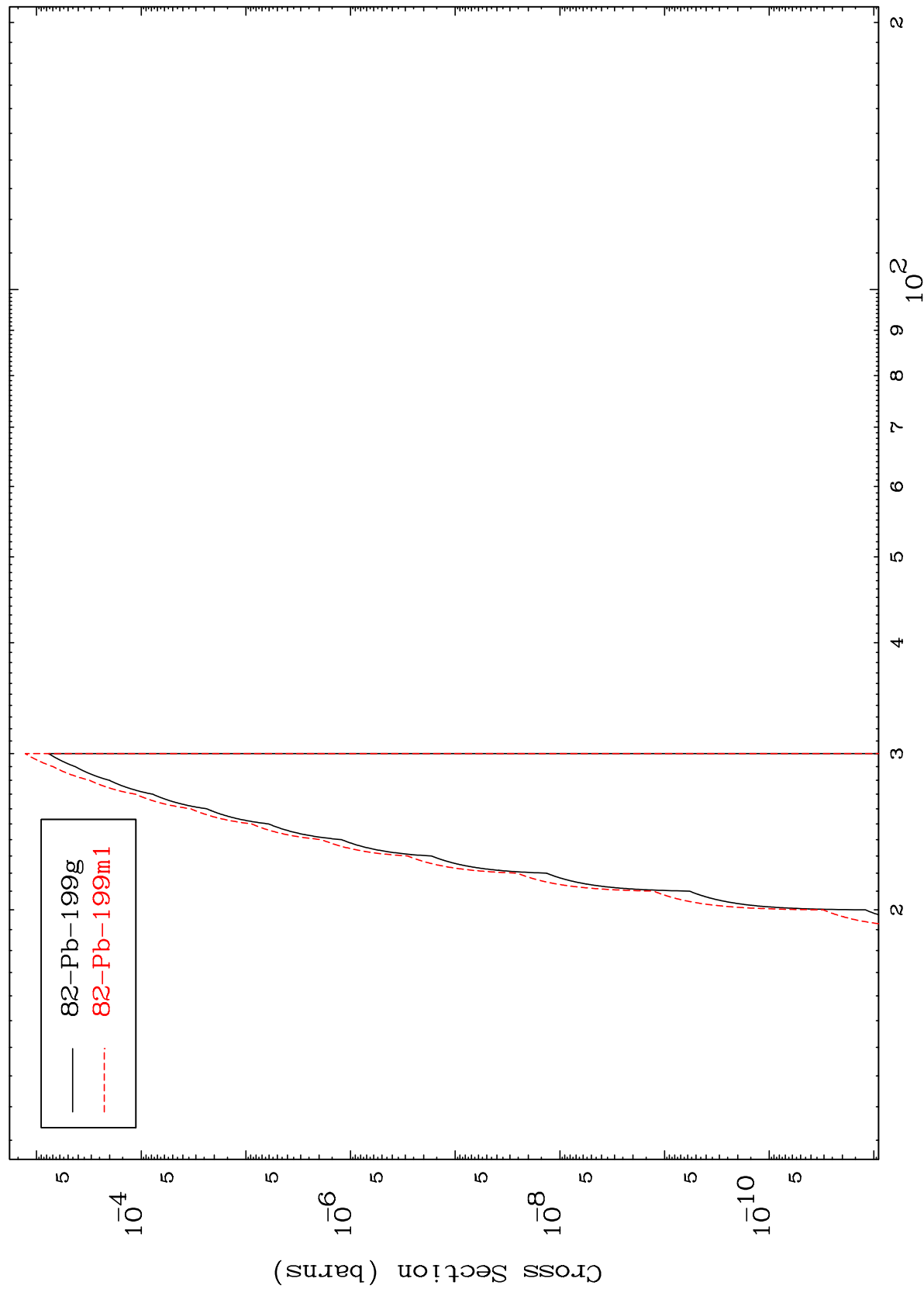
84-Po-205

MAT 8422

(n,3n)  $\alpha$

84-Po-205

Radionuclide Production Cross Section



107

Incident Energy (MeV)

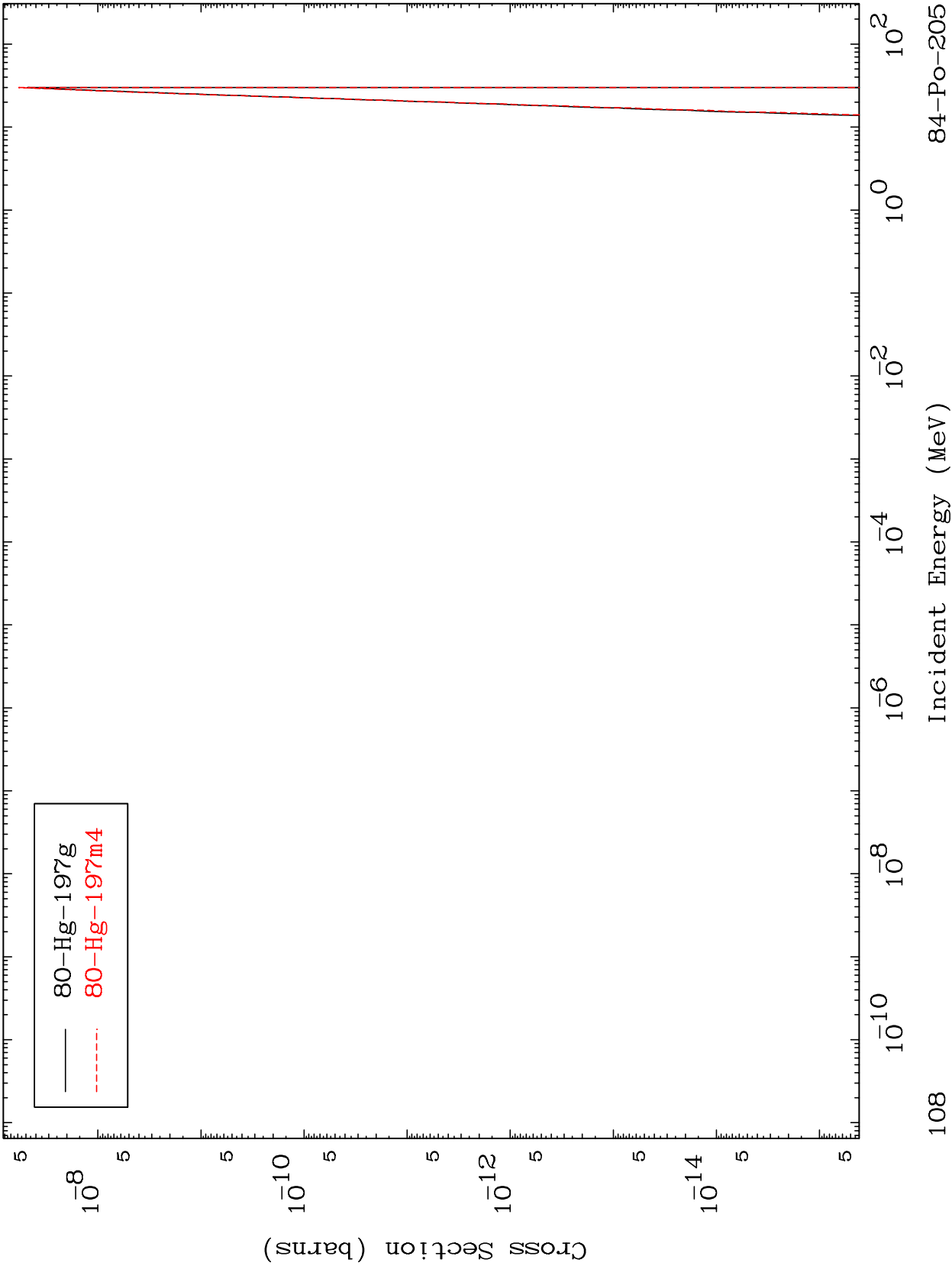
84-Po-205

MAT 8422

(n,n') 2 $\alpha$

84-Po-205

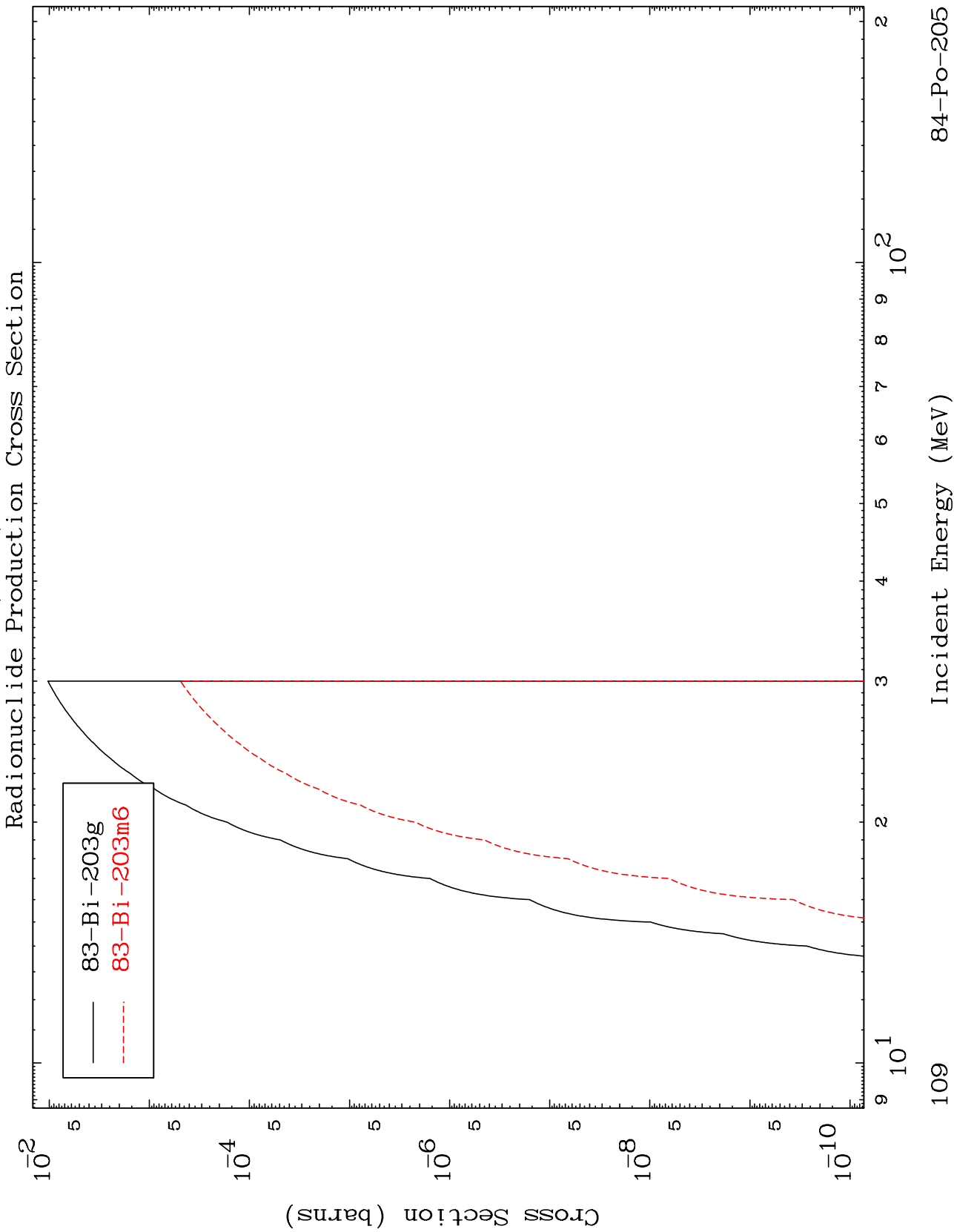
Radionuclide Production Cross Section



MAT 8422

(n,n') d

84-Po-205

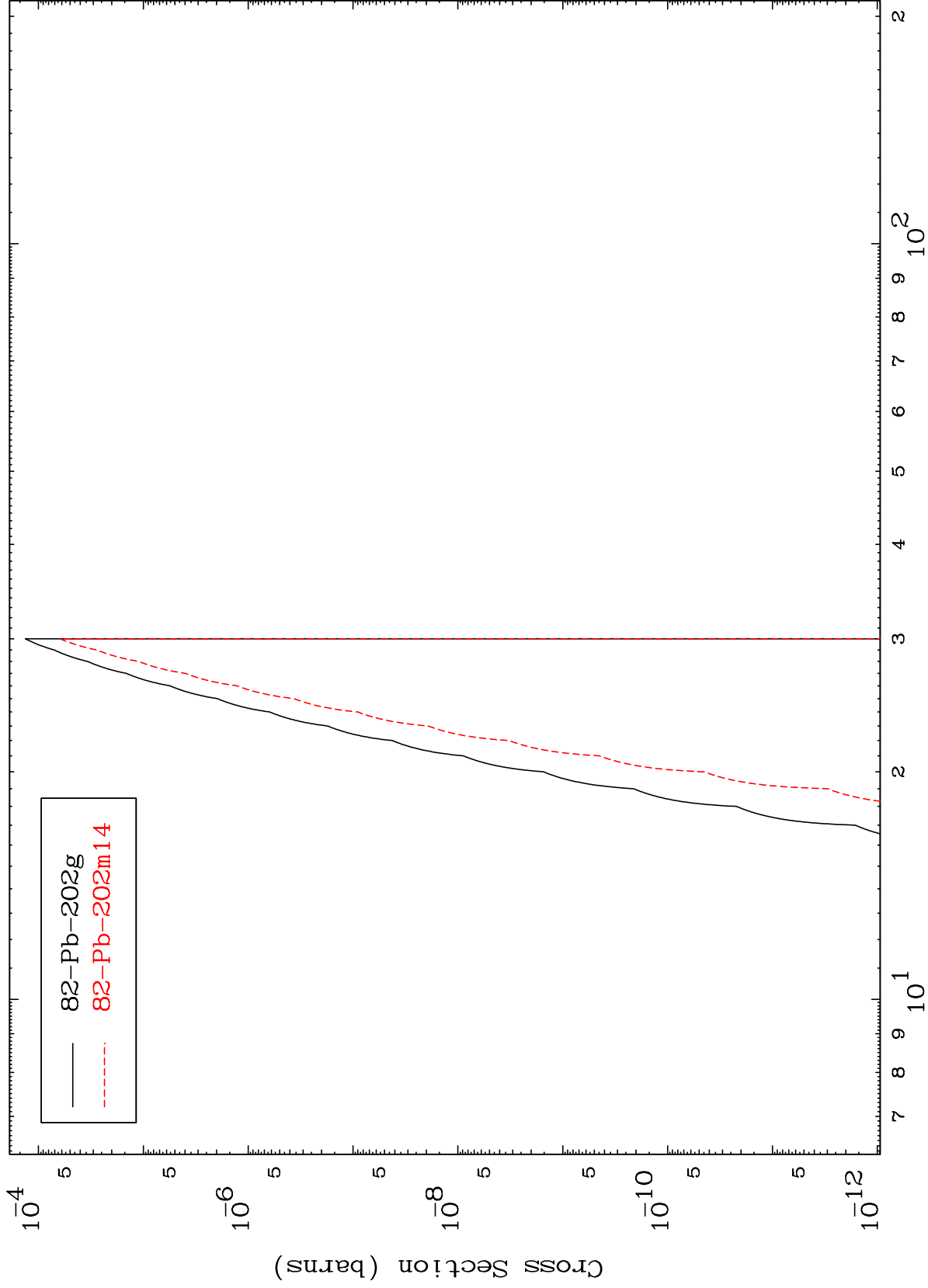


MAT 8422

(n,n') He-3

84-Po-205

Radionuclide Production Cross Section



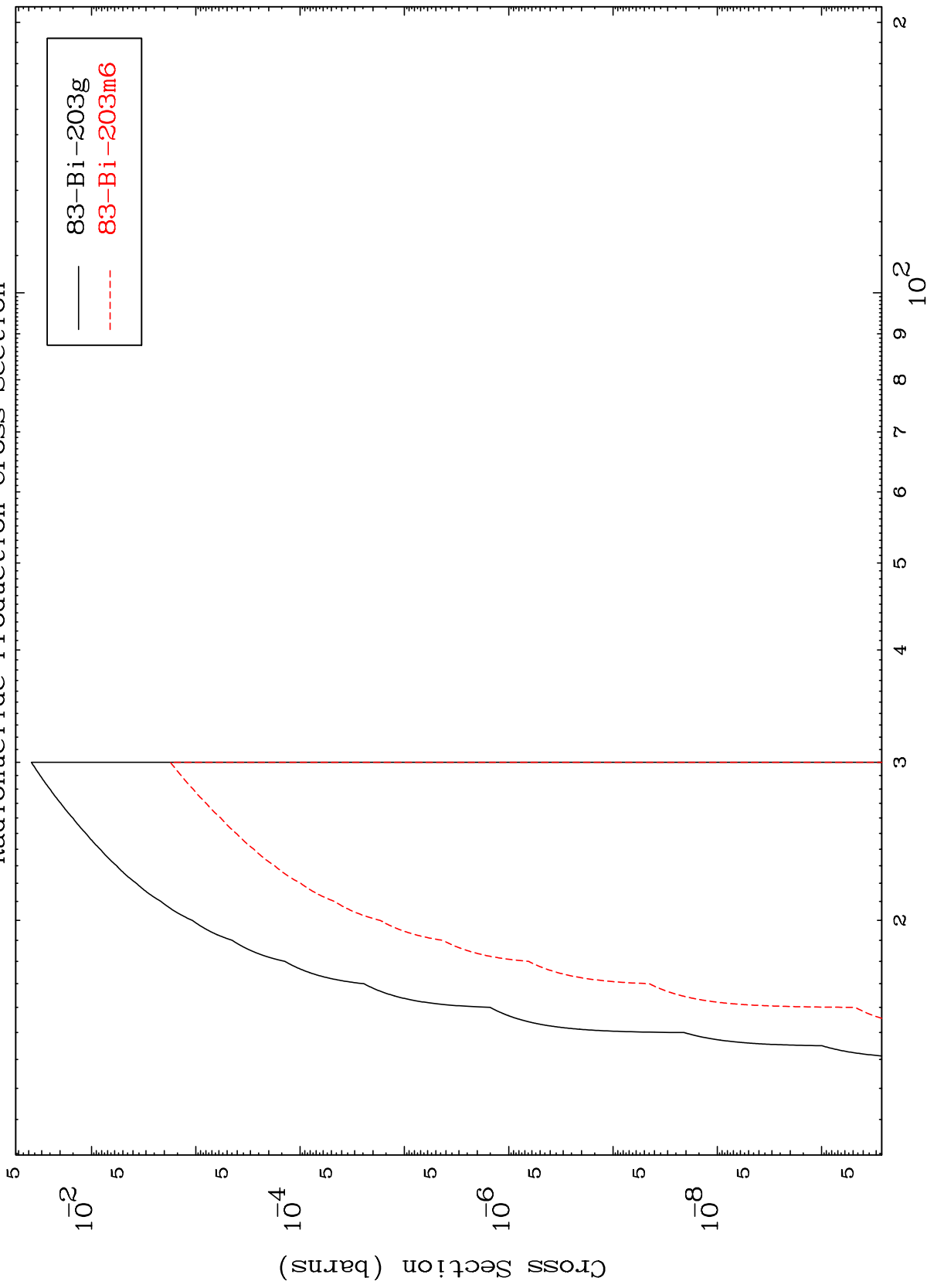
110

84-Po-205

MAT 8422

84-Po-205

(n,2n) p  
Radionuclide Production Cross Section



111

Incident Energy (MeV)

84-Po-205

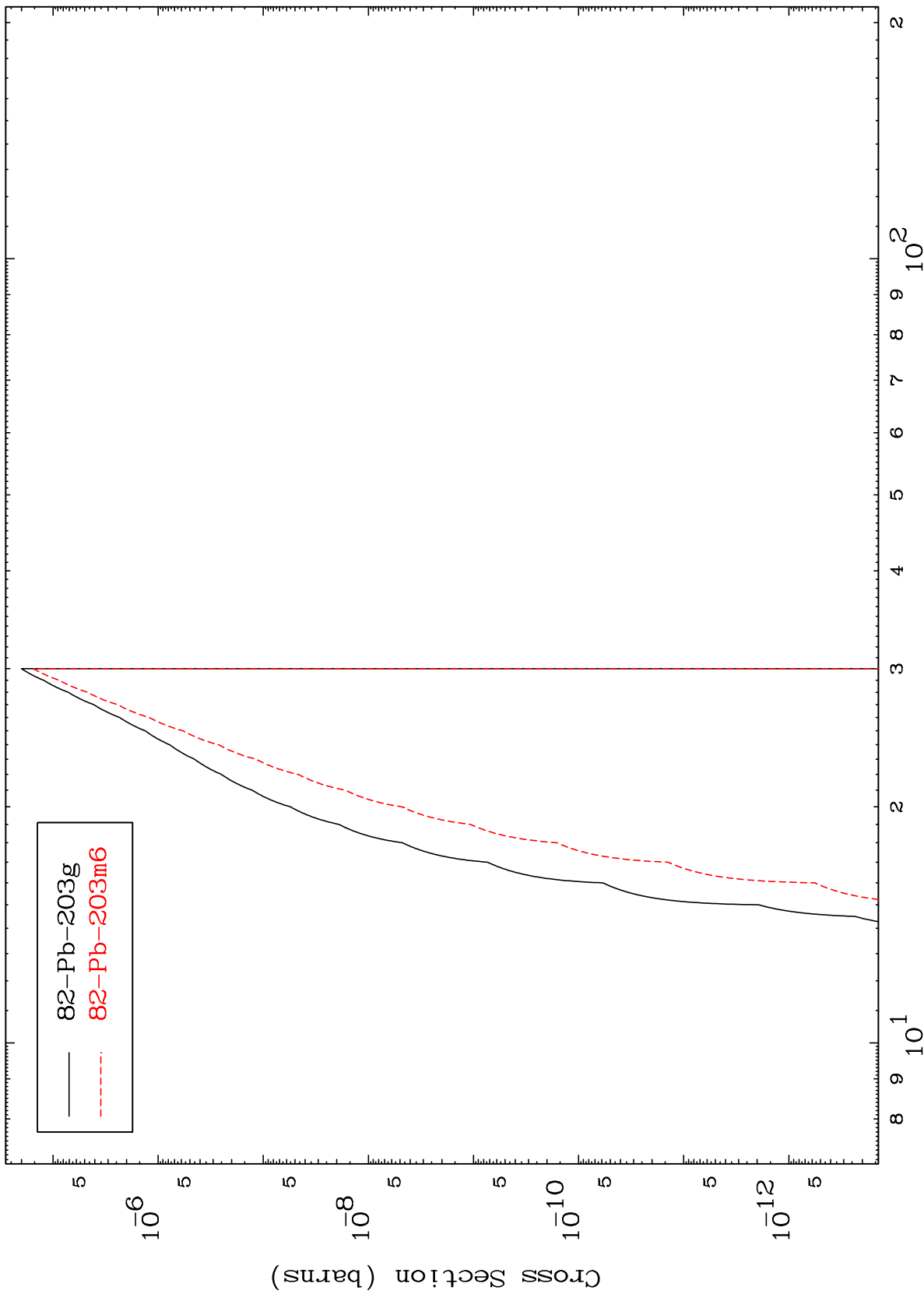


MAT 8422

(n,2n) p

84-Po-205

Radionuclide Production Cross Section



112

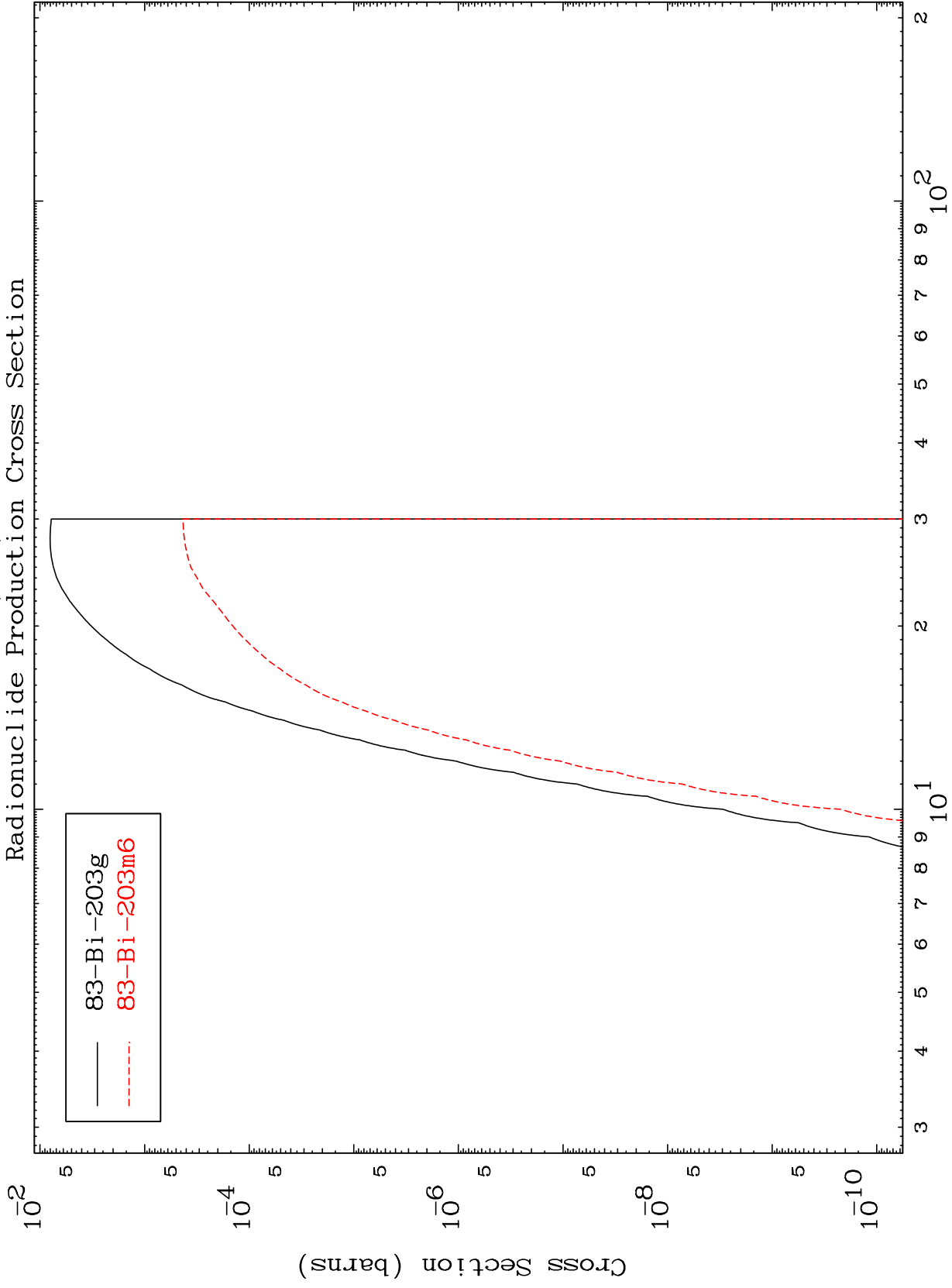
Incident Energy (MeV)

84-Po-205

MAT 8422

84-Po-205

(n, t)  
Radionuclide Production Cross Section



84-Po-205

Incident Energy (MeV)

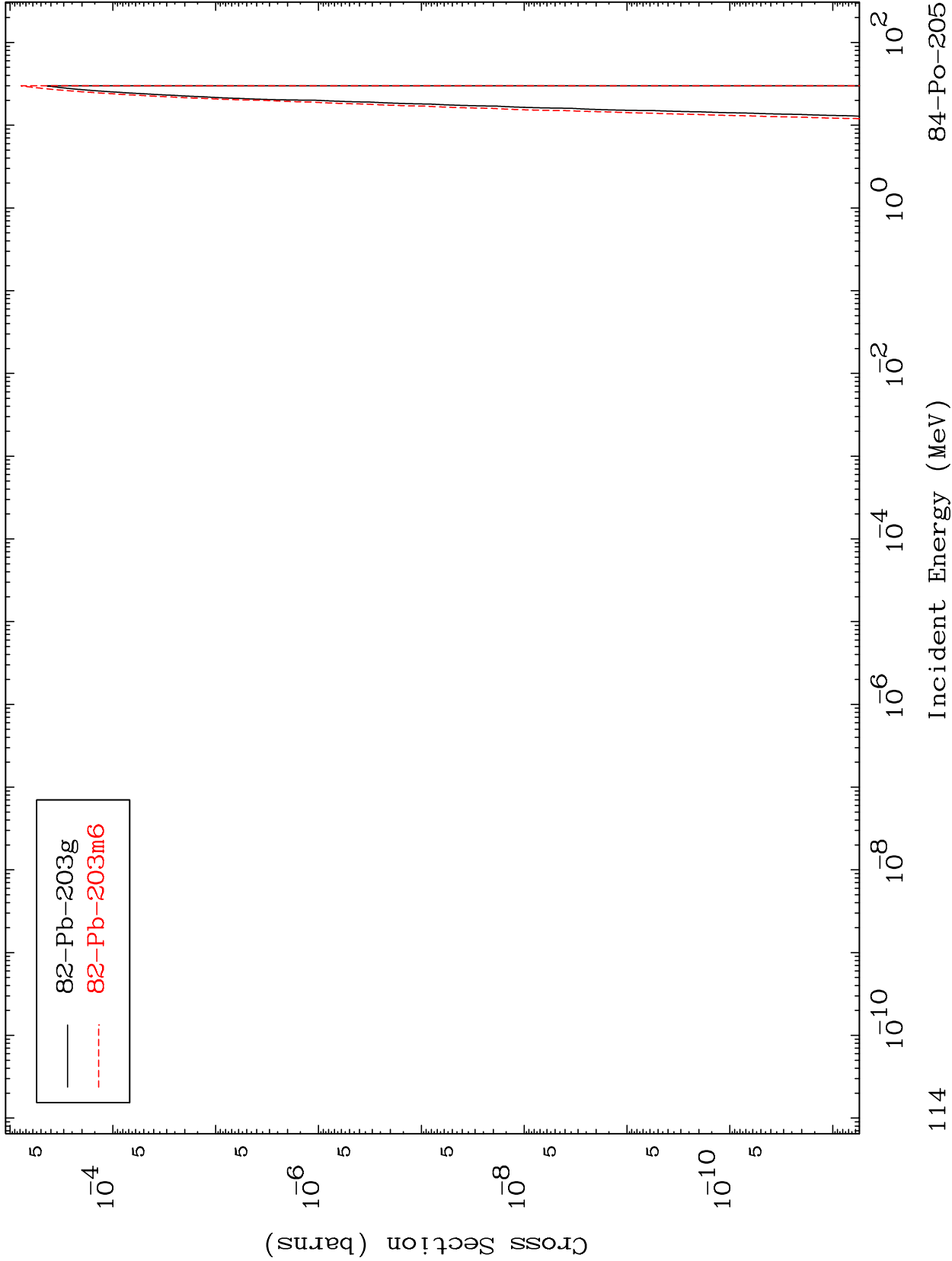
113

MAT 8422

(n,He-3)

84-Po-205

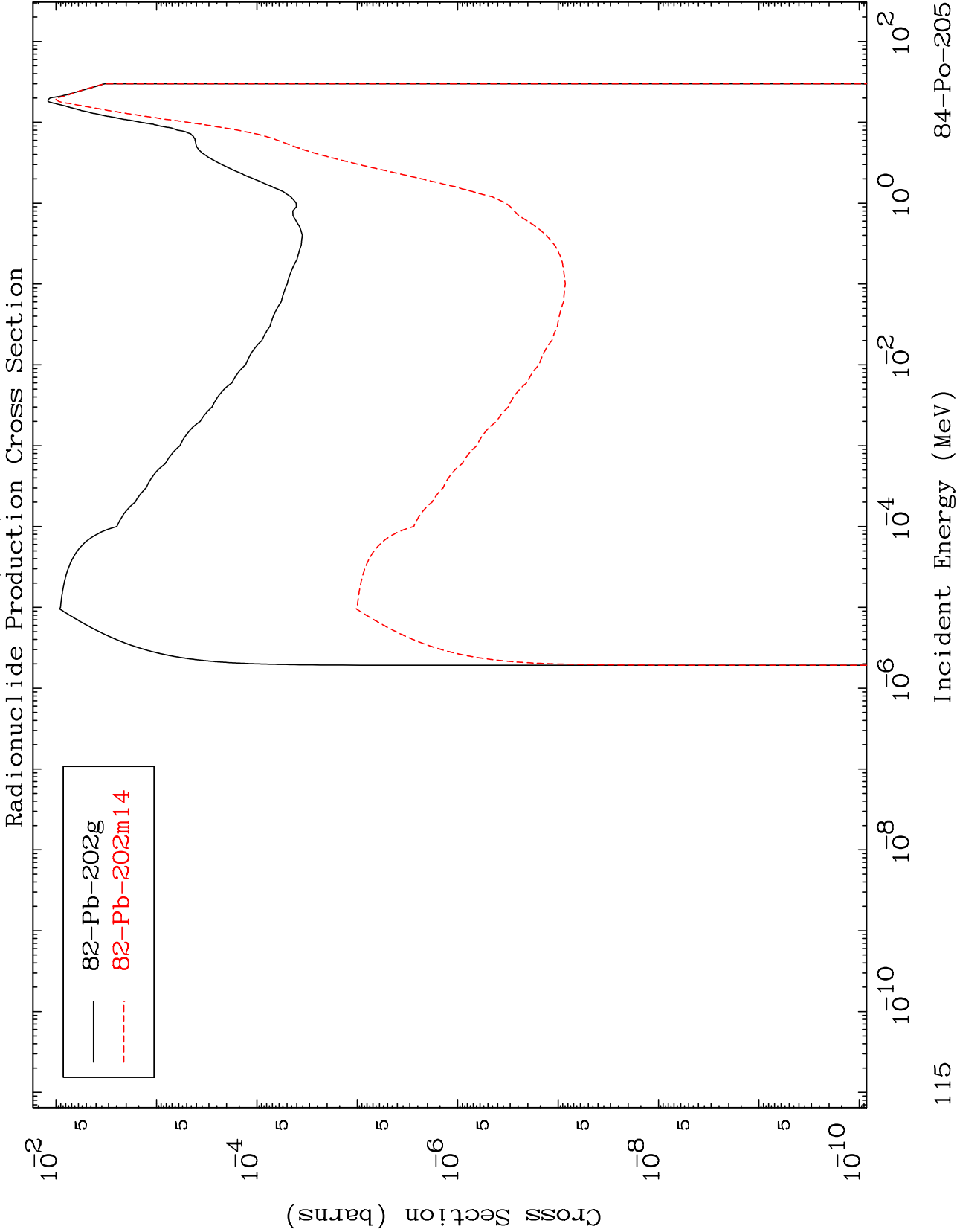
Radionuclide Production Cross Section



82-Pb-203g  
82-Pb-203m6

MAT 8422

84-Po-205

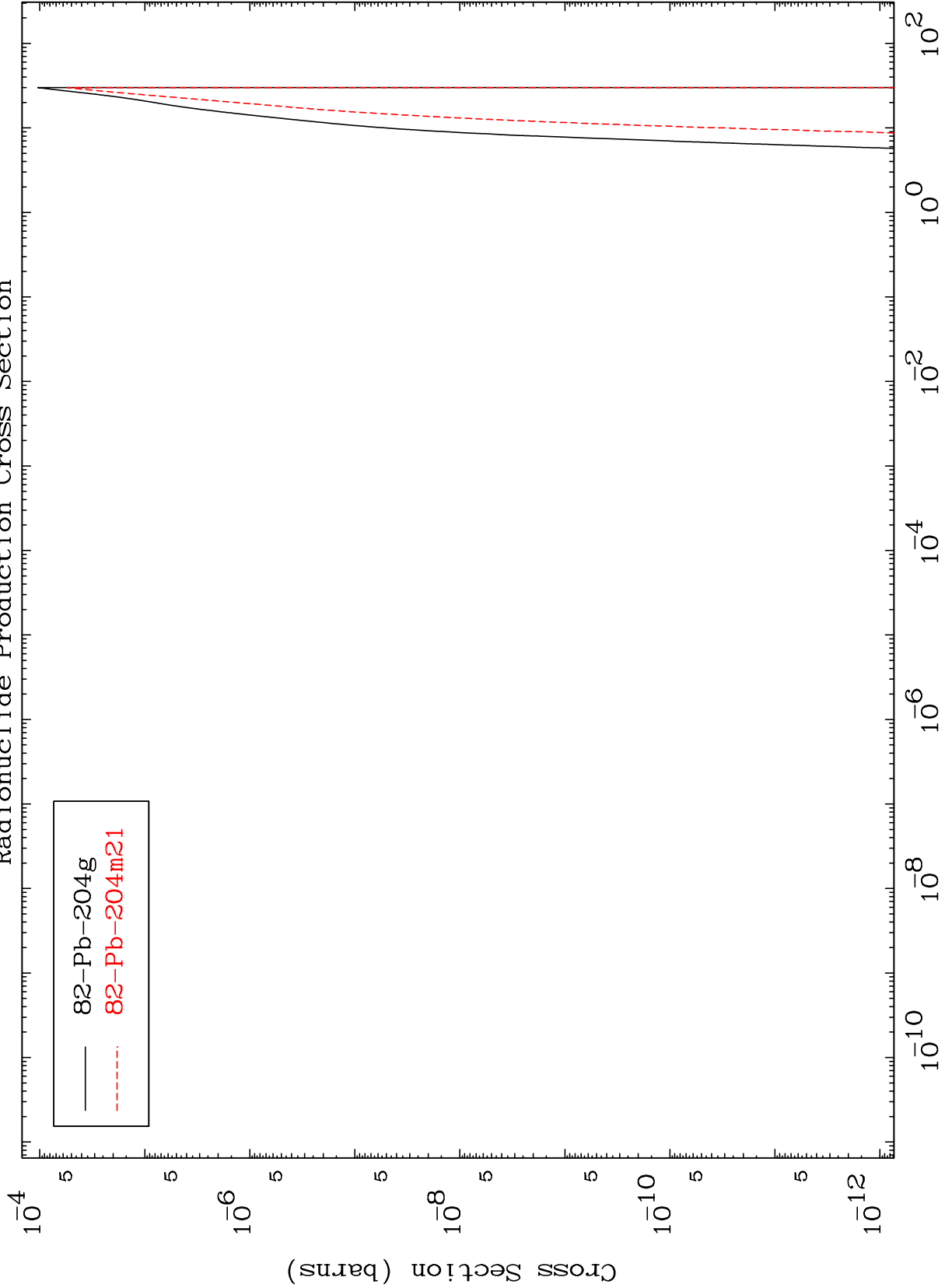


MAT 8422

(n,2p)

84-Po-205

Radionuclide Production Cross Section



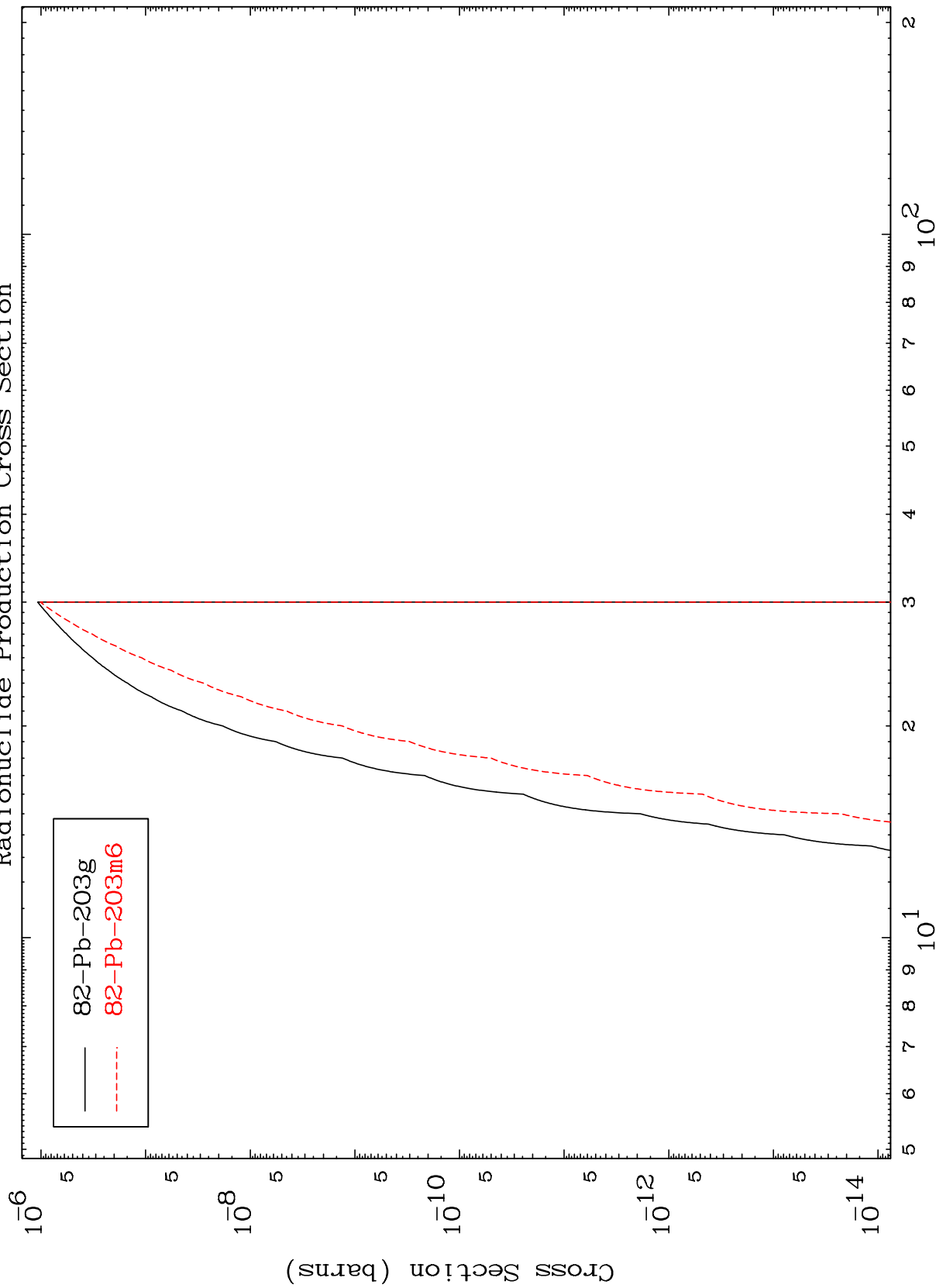
82-Pb-204g  
82-Pb-204m21

MAT 8422

(n,p) d

84-Po-205

Radionuclide Production Cross Section



82-Pb-203g  
82-Pb-203m6

Incident Energy (MeV)

84-Po-205

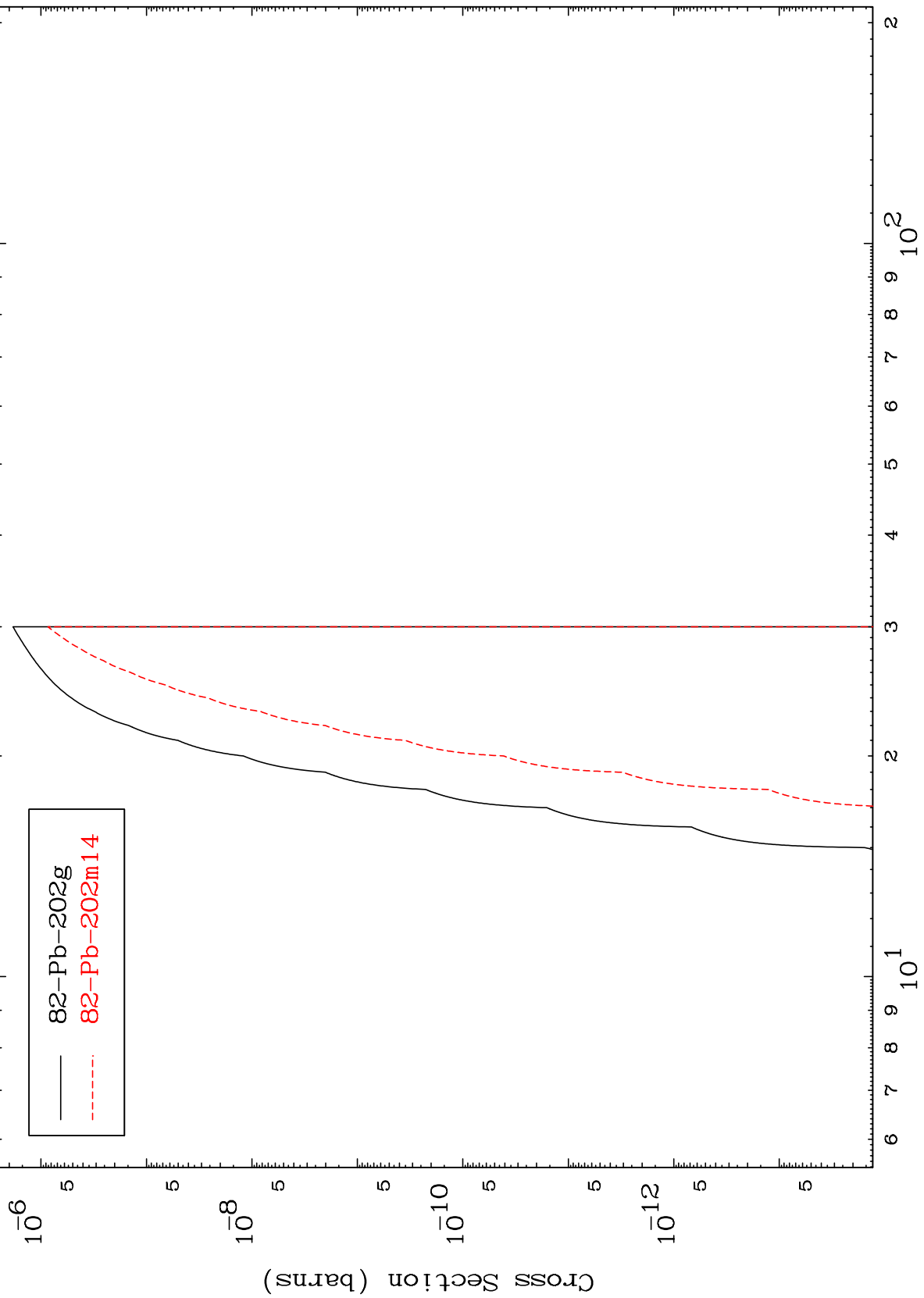
117

MAT 8422

(n,p) t

84-Po-205

Radionuclide Production Cross Section



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

118

Incident Energy (MeV)

84-Po-205