

Program EVALPLOT
(Version 2018-1)

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

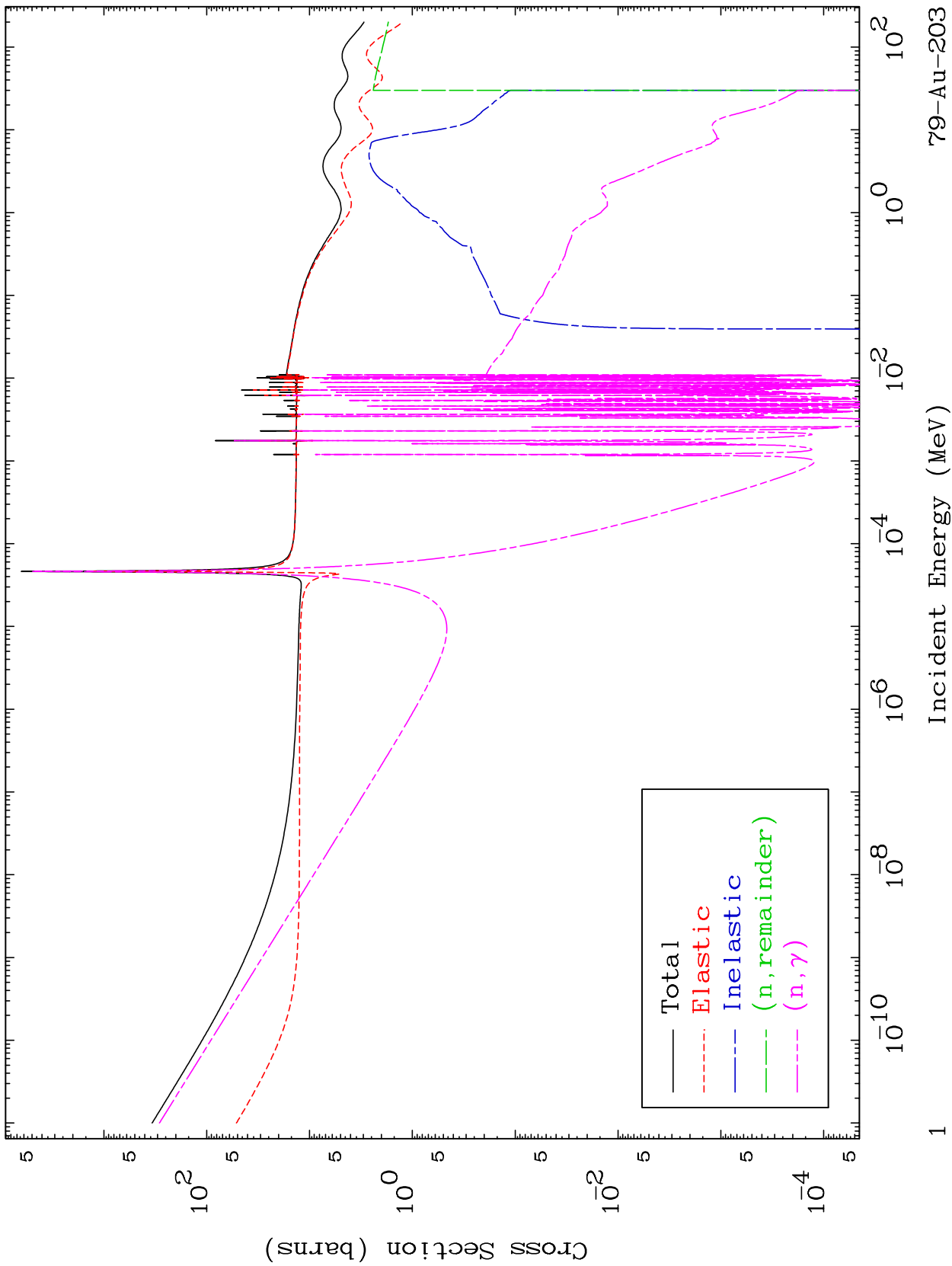
Press Mouse Button to Start

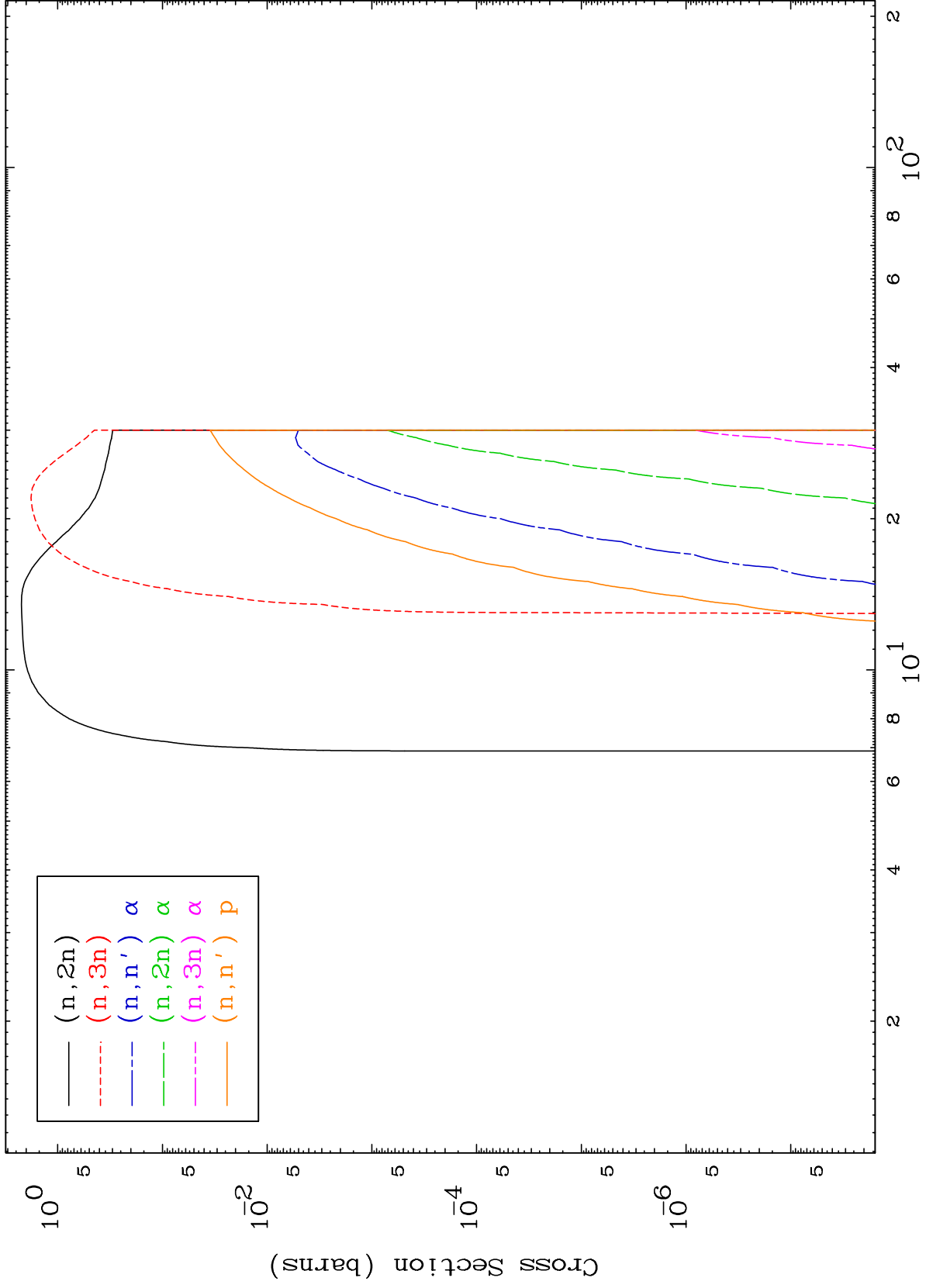
MAT 7943

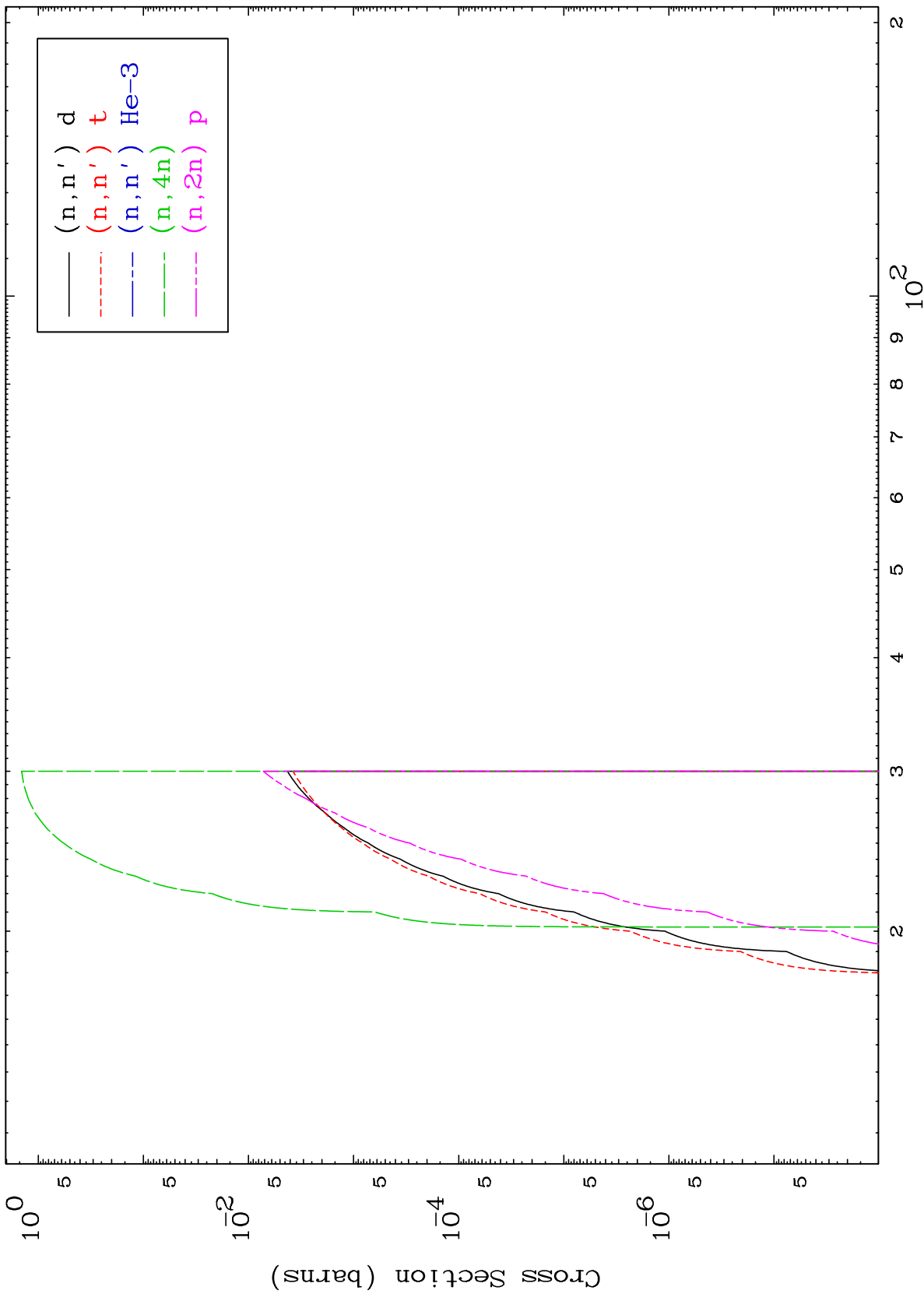
Major

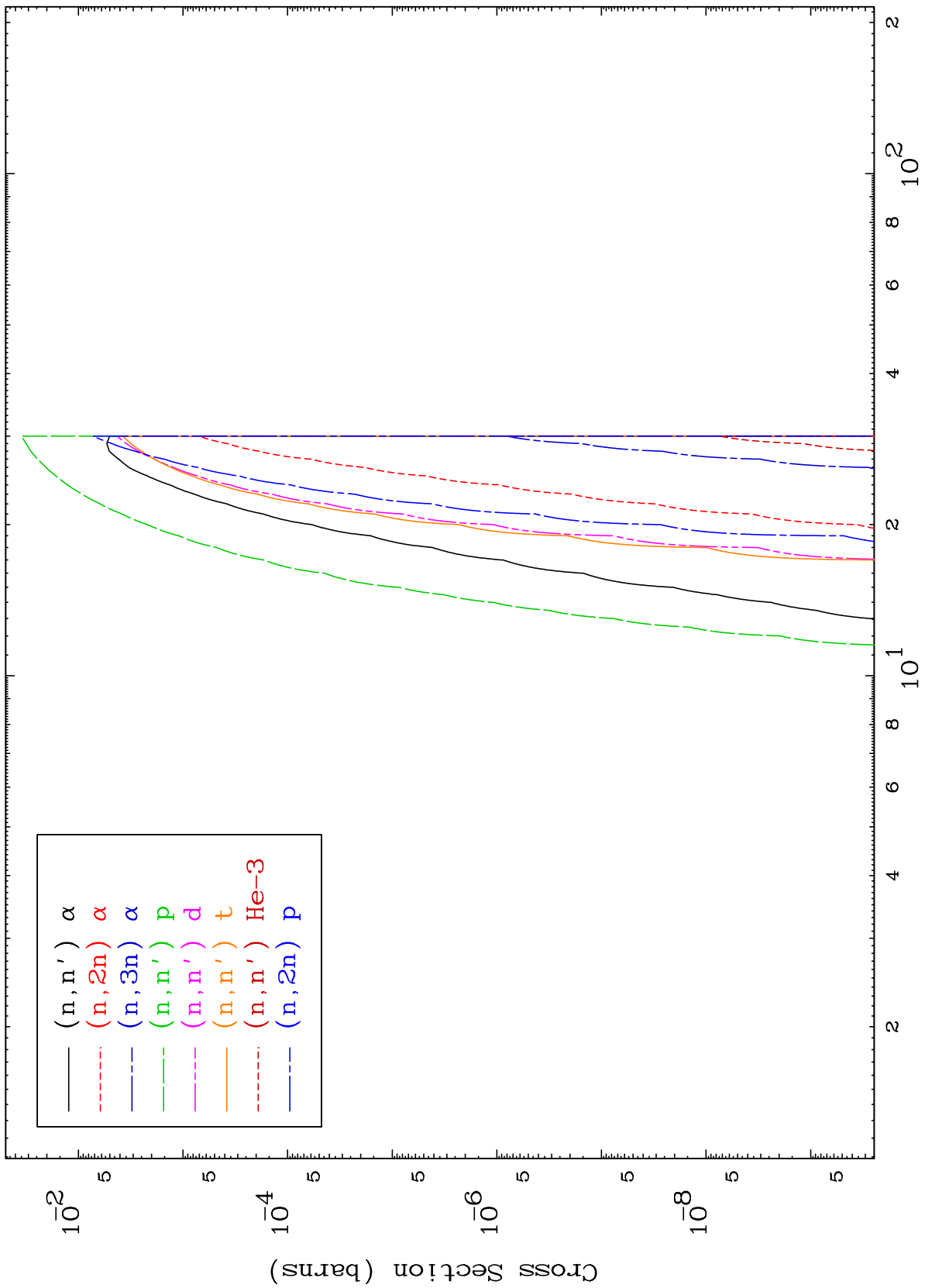
293 Kelvin Cross Sections

79-Au-203





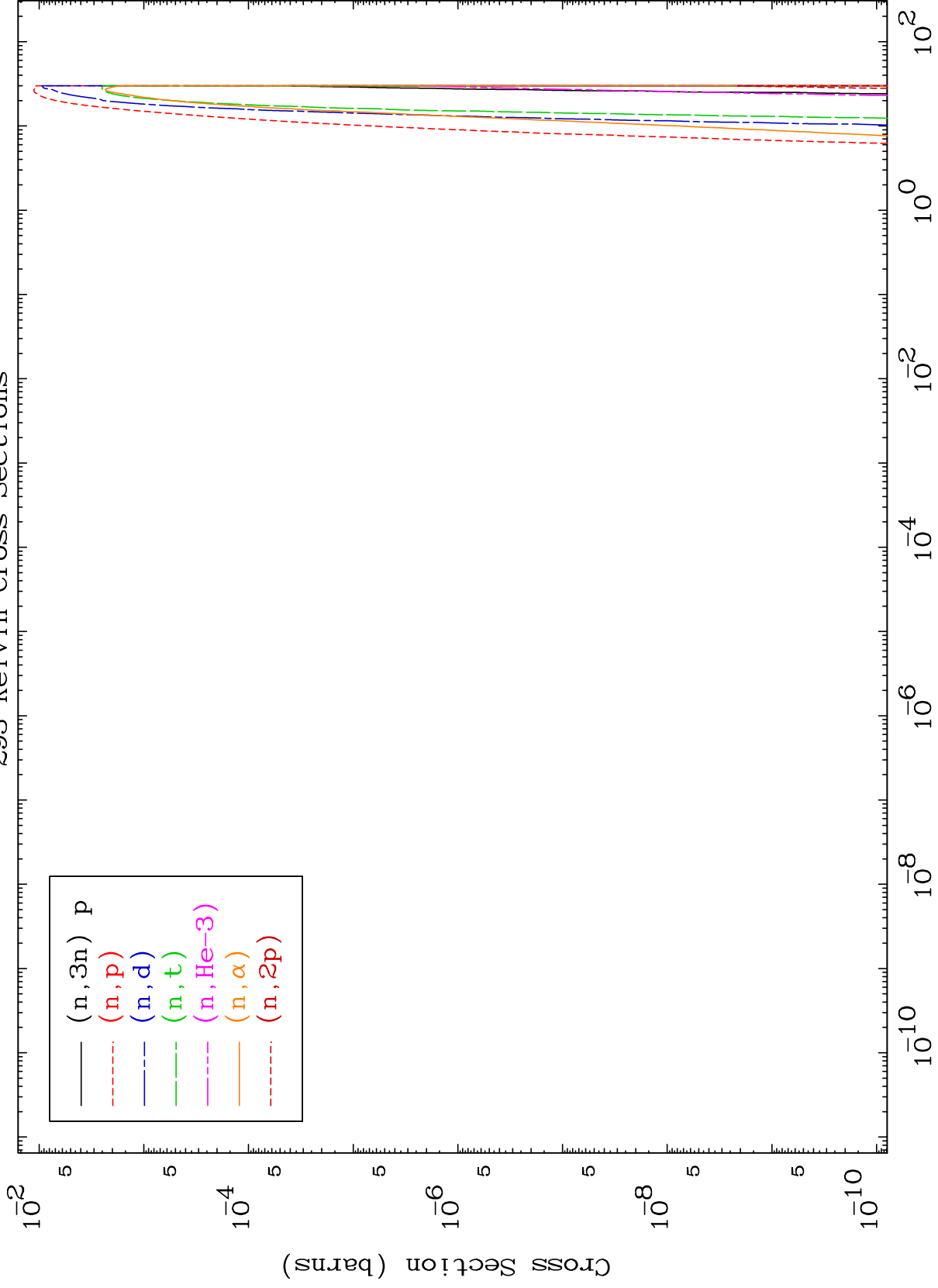




MAT 7943

Charged Particle
293 Kelvin Cross Sections

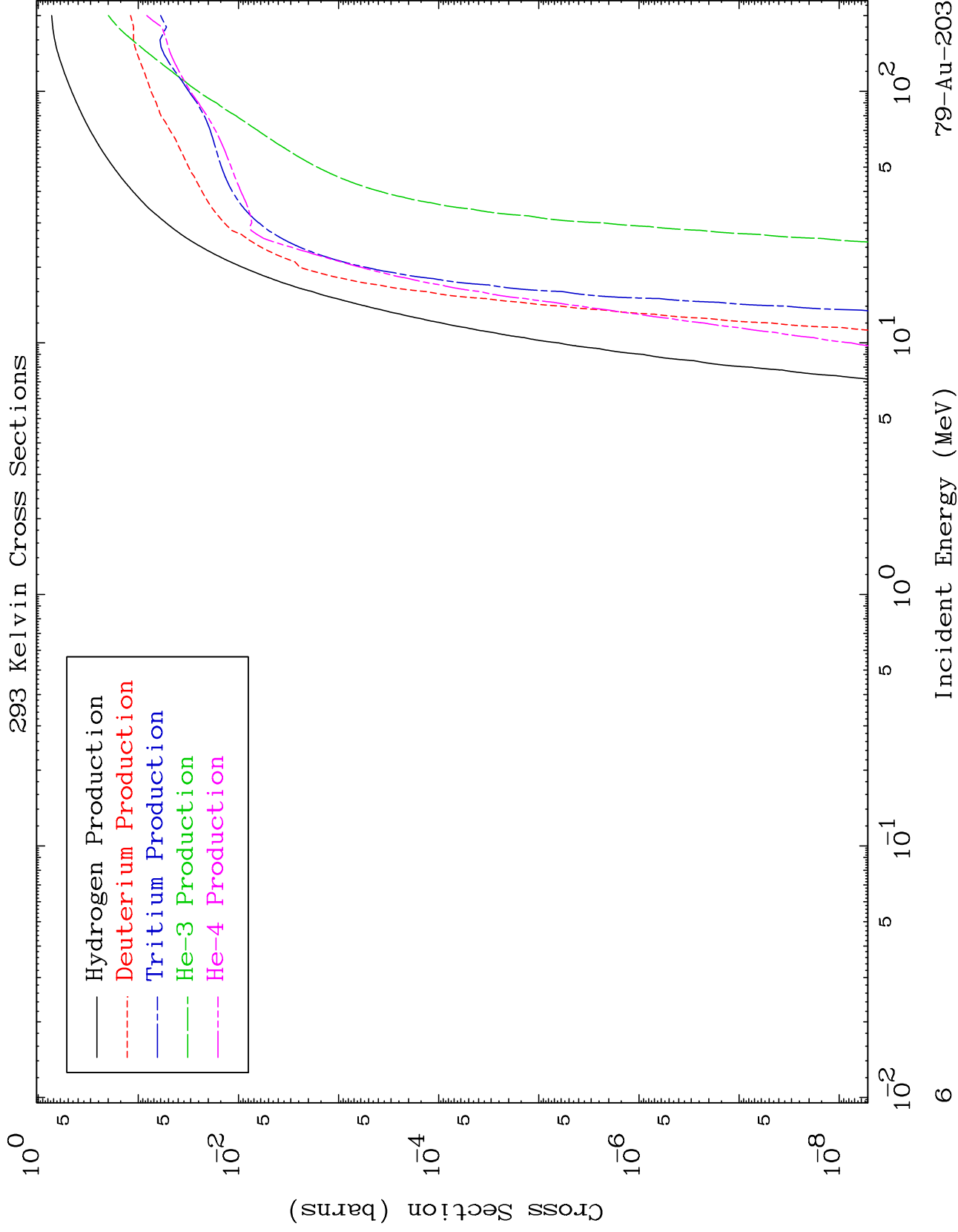
79-Au-203



MAT 7943

Particle Production
293 Kelvin Cross Sections

79-Au-203



79-Au-203

Incident Energy (MeV)

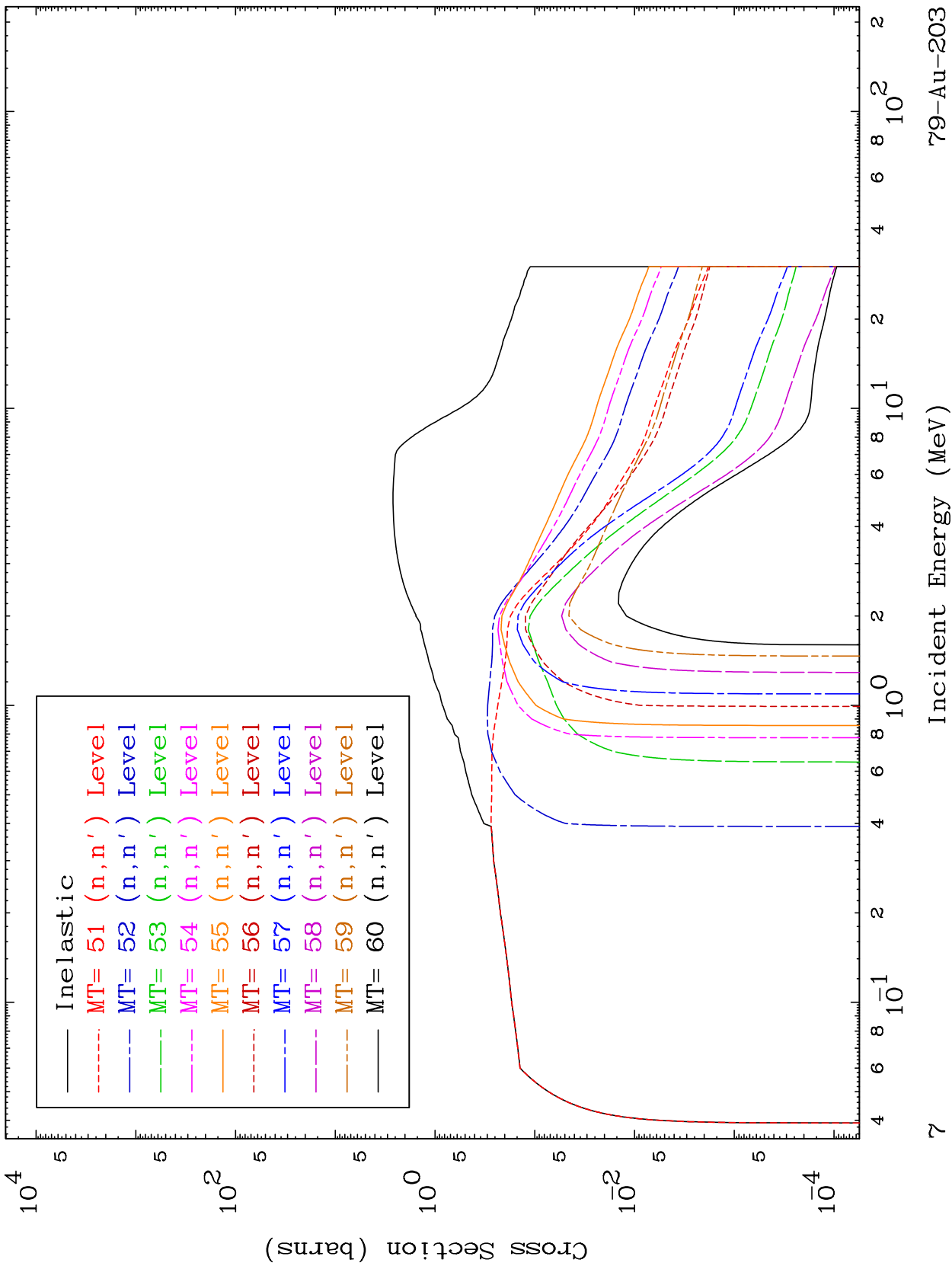
6

MAT 7943

(n,n') Level

79-Au-203

293 Kelvin Cross Sections

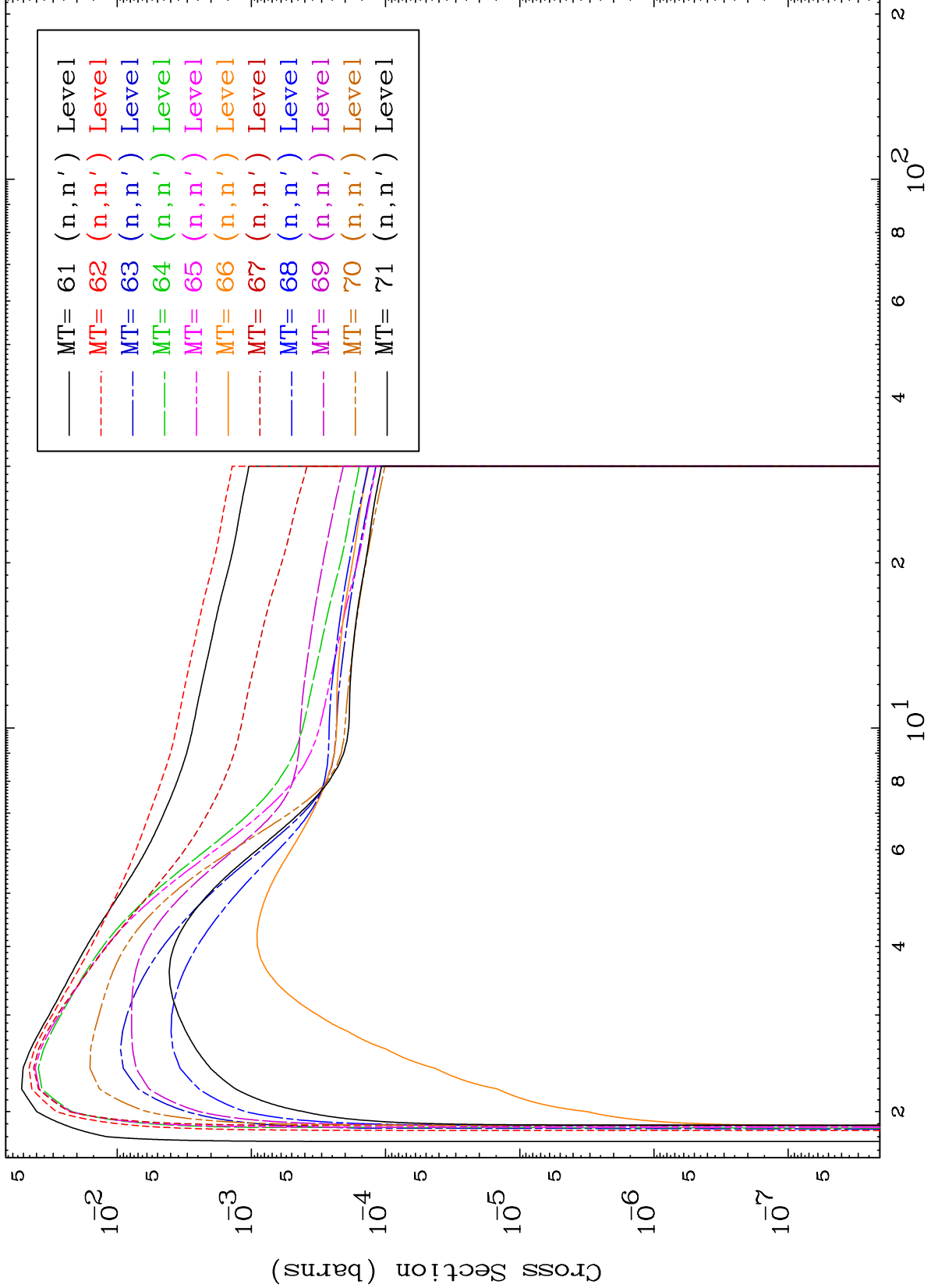


MAT 7943

(n,n') Level

79-Au-203

293 Kelvin Cross Sections



8

Incident Energy (MeV)

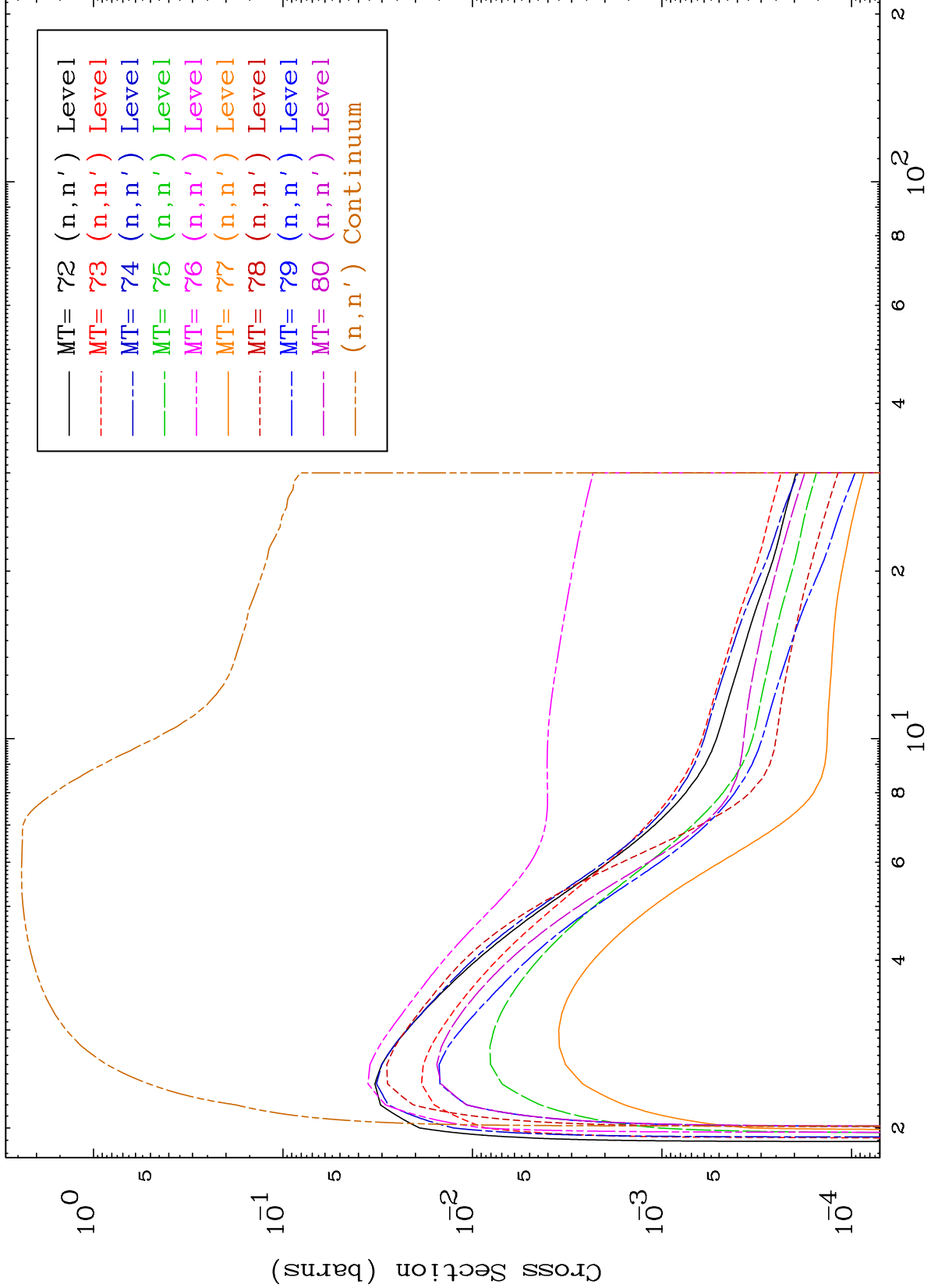
79-Au-203

MAT 7943

(n,n') Level

79-Au-203

293 Kelvin Cross Sections



9

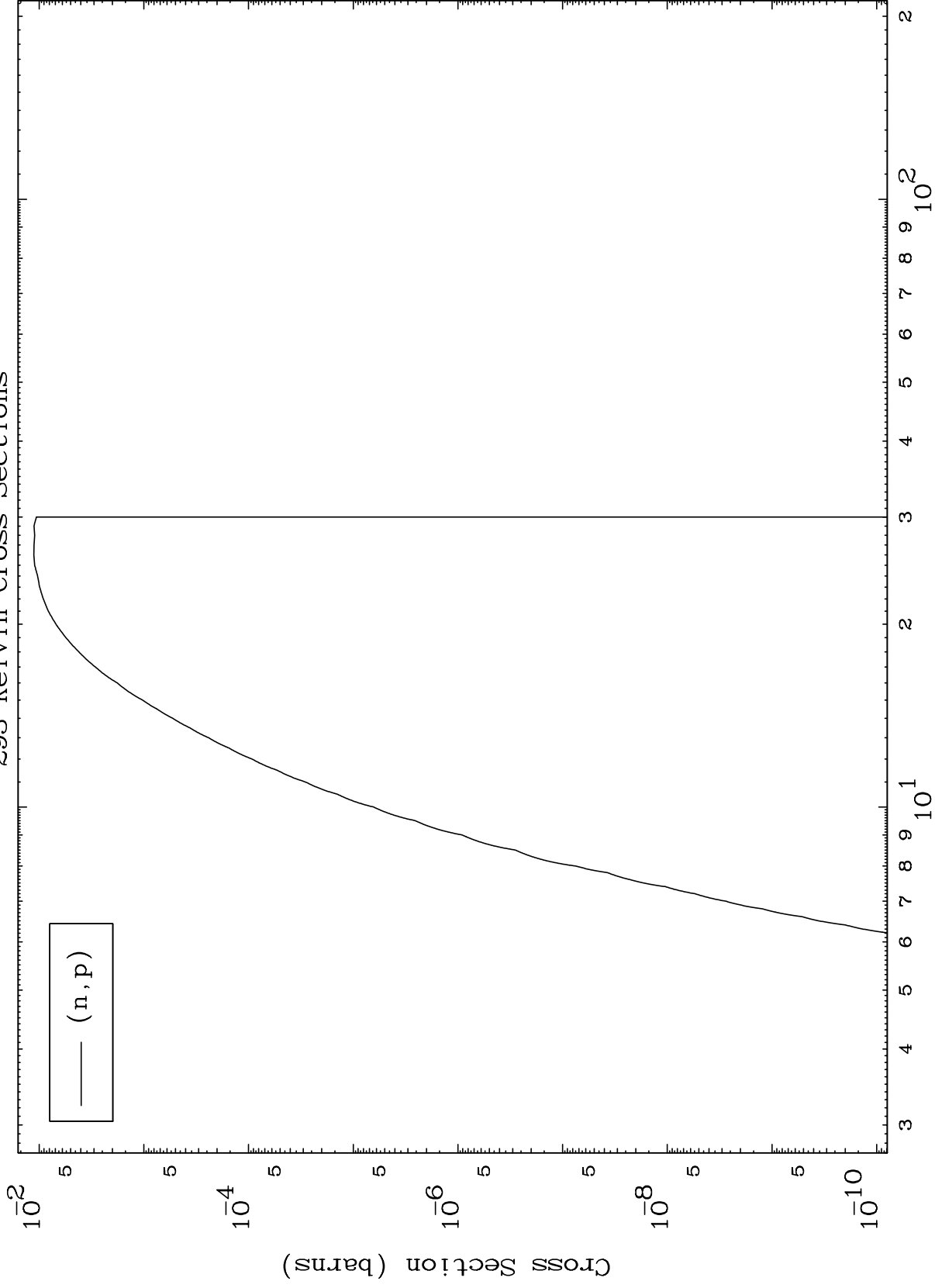
Incident Energy (MeV)

79-Au-203

MAT 7943

(n,p) Levels
293 Kelvin Cross Sections

79-Au-203



(n,p)

Incident Energy (MeV)

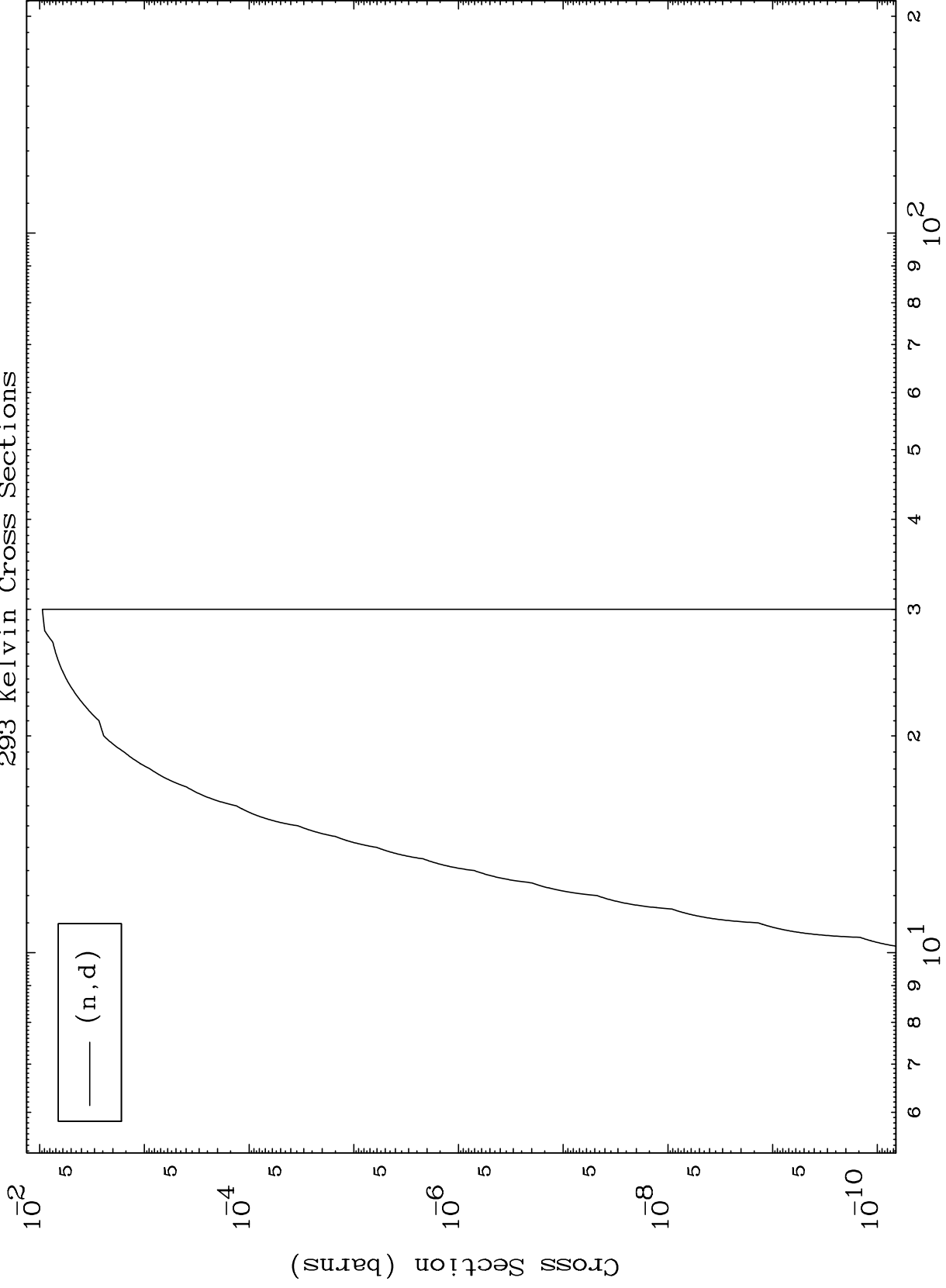
79-Au-203

10

MAT 7943

(n,d) Levels
293 Kelvin Cross Sections

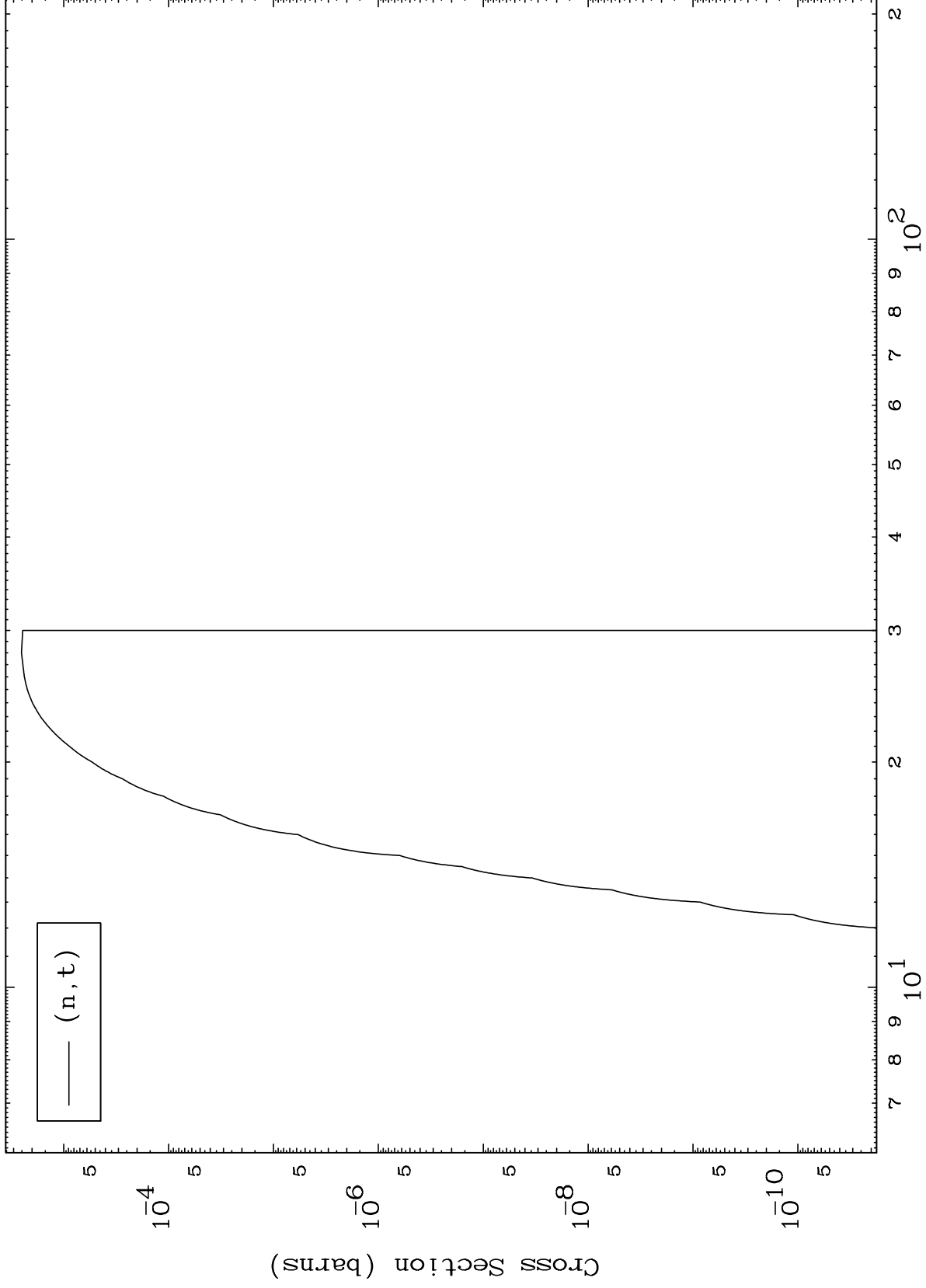
79-Au-203



MAT 7943

(n,t) Levels
293 Kelvin Cross Sections

79-Au-203



12

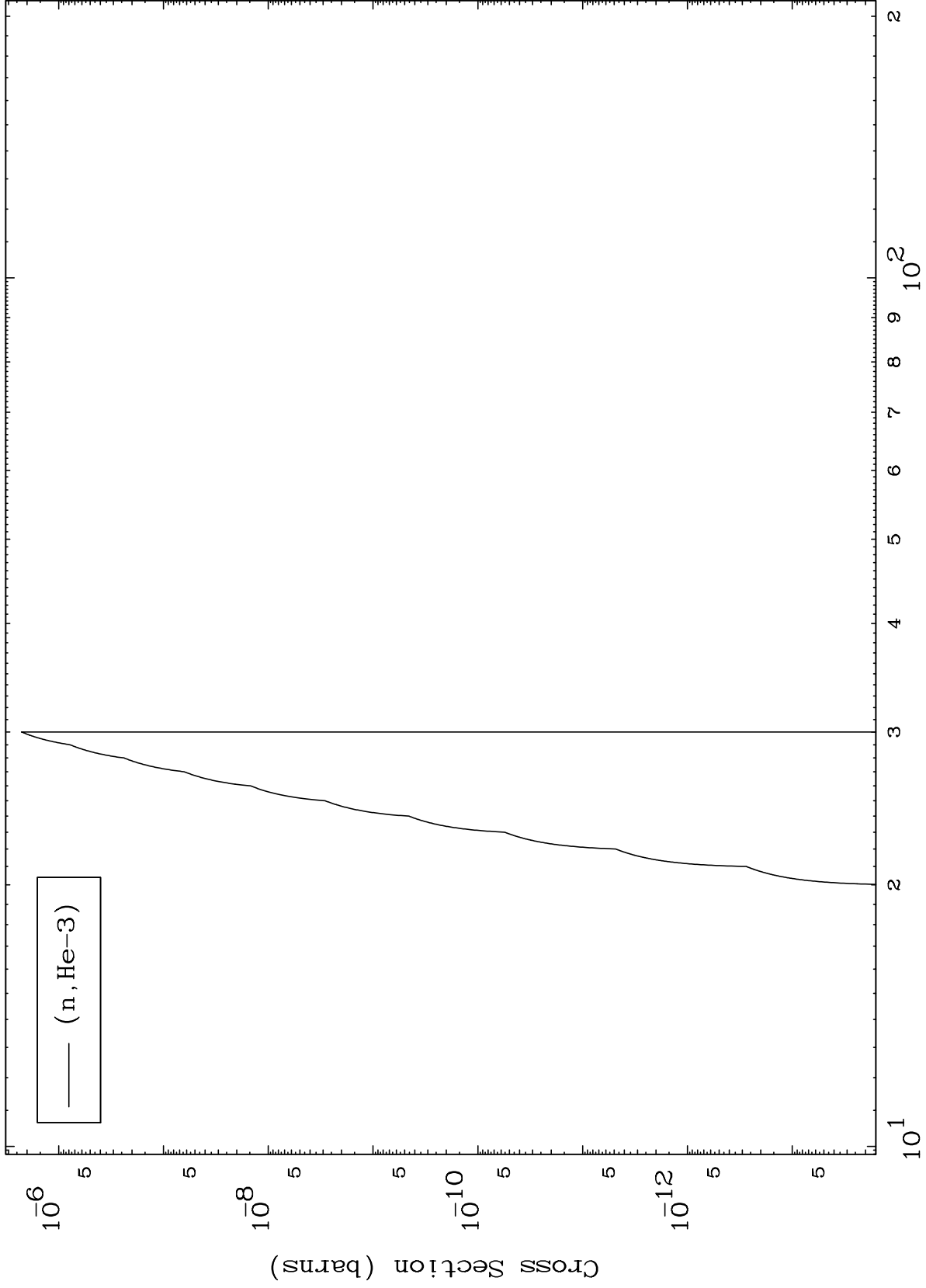
Incident Energy (MeV)

79-Au-203

MAT 7943

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-203



13

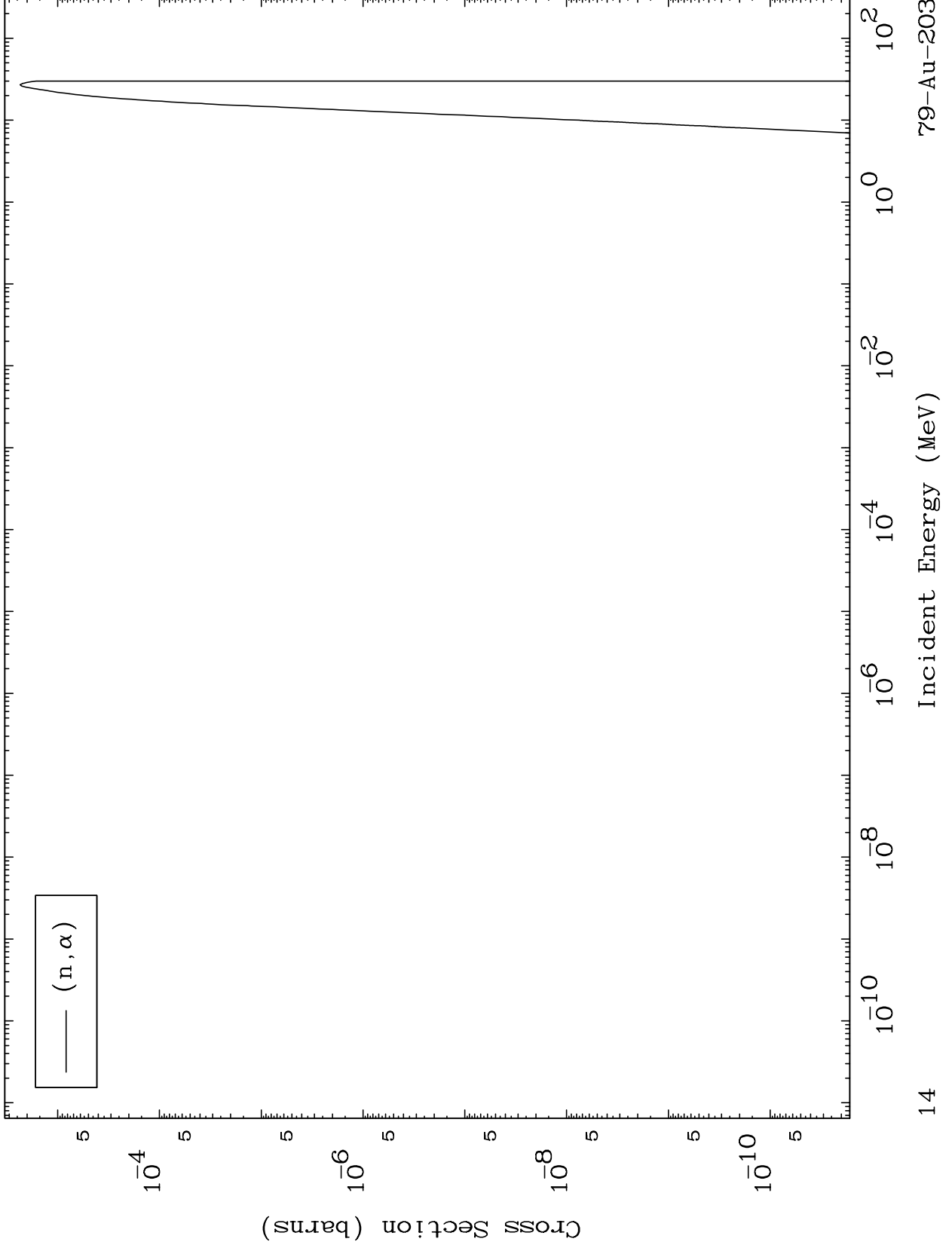
Incident Energy (MeV)

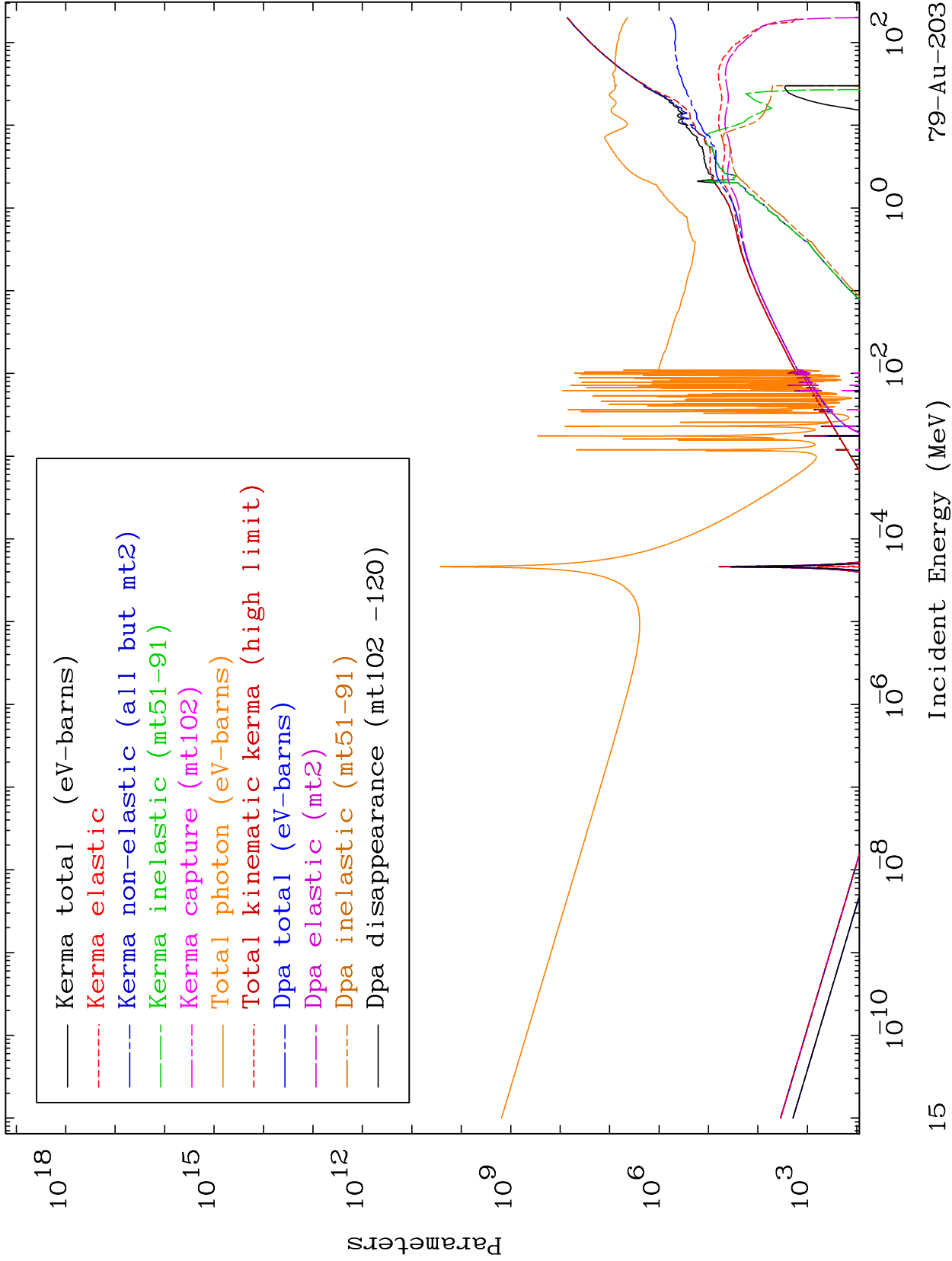
79-Au-203

MAT 7943

(n, α) Levels
293 Kelvin Cross Sections

79-Au-203

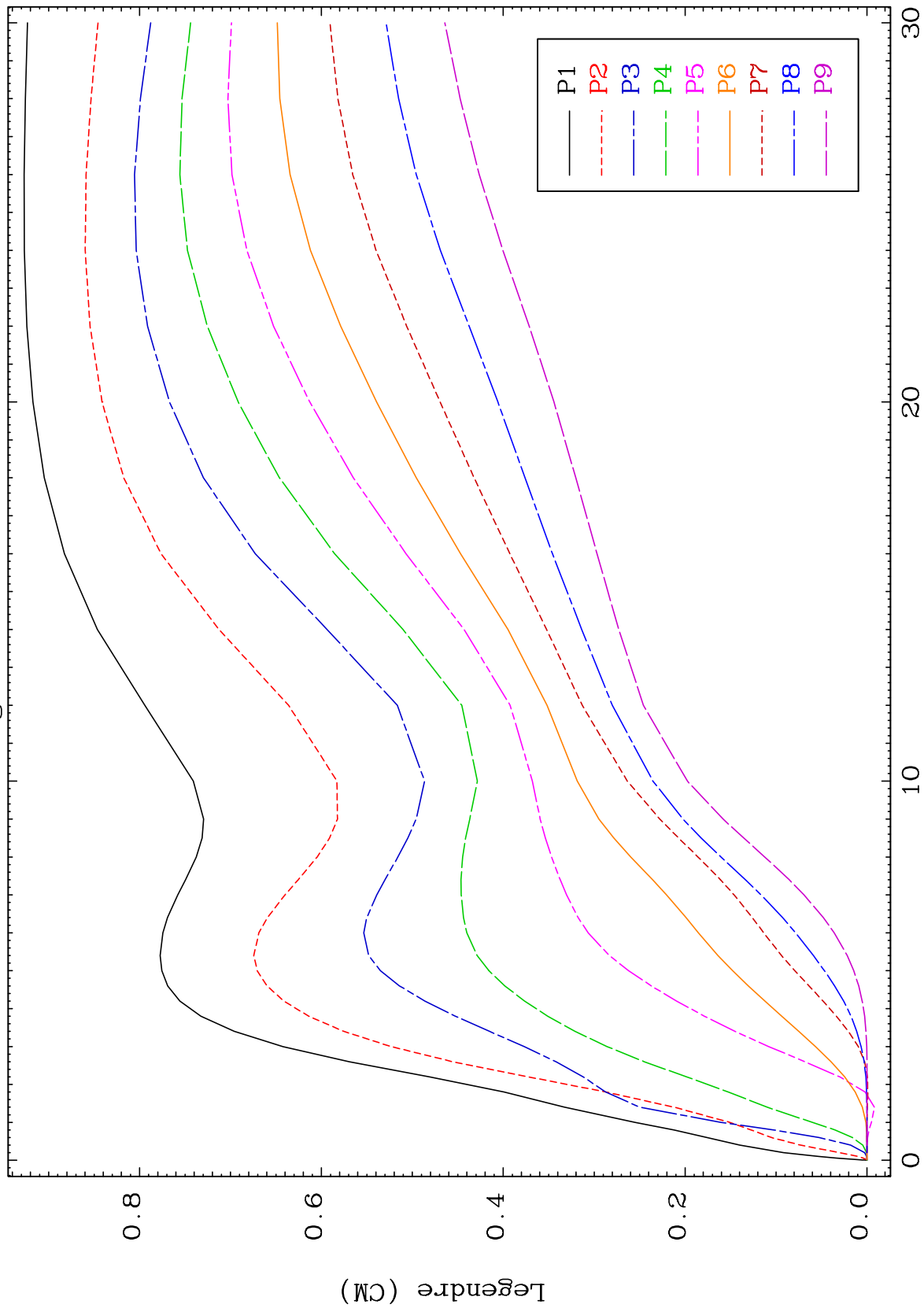




MAT 7943

Elastic Legendre Coefficients

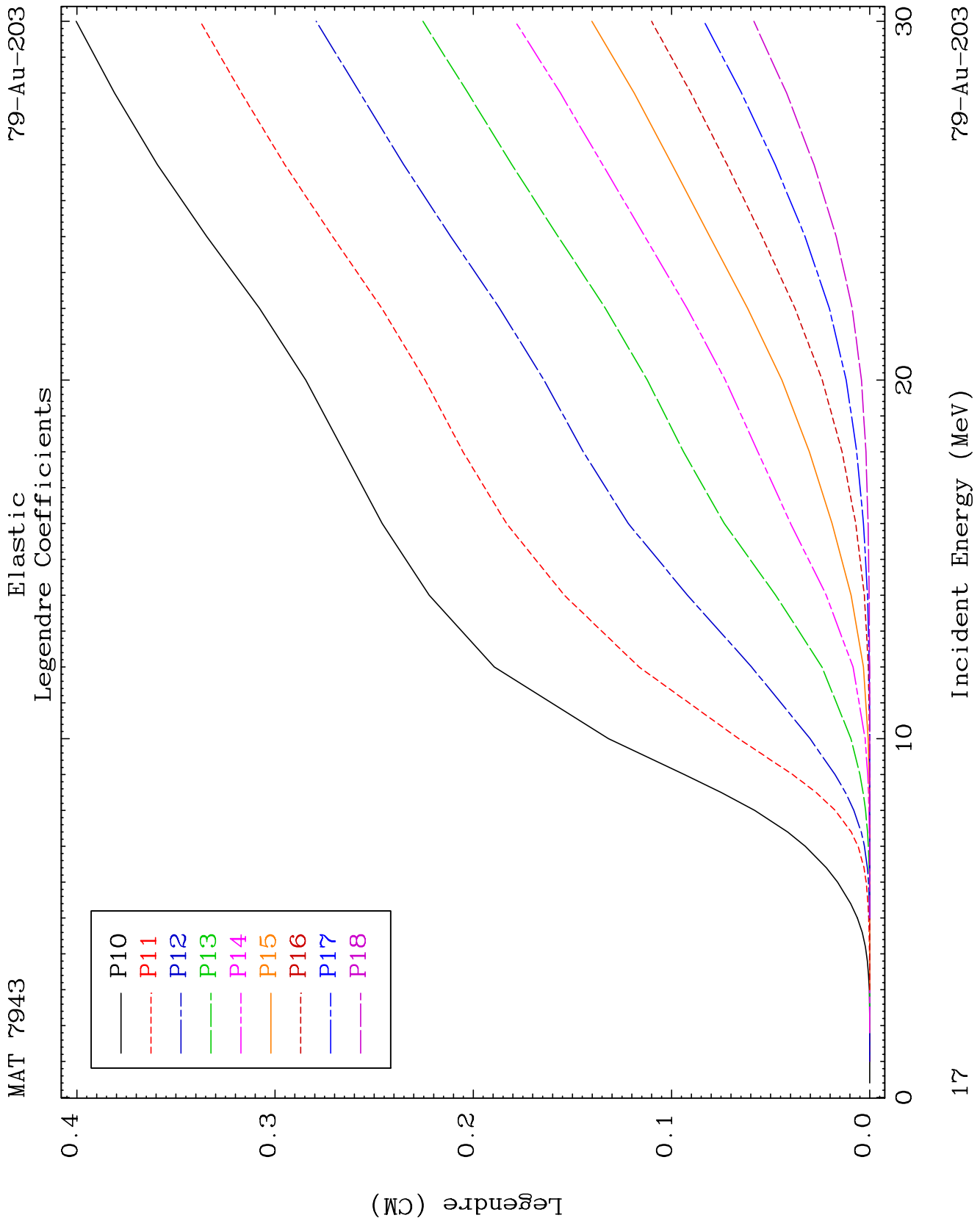
79-Au-203



16

Incident Energy (MeV)

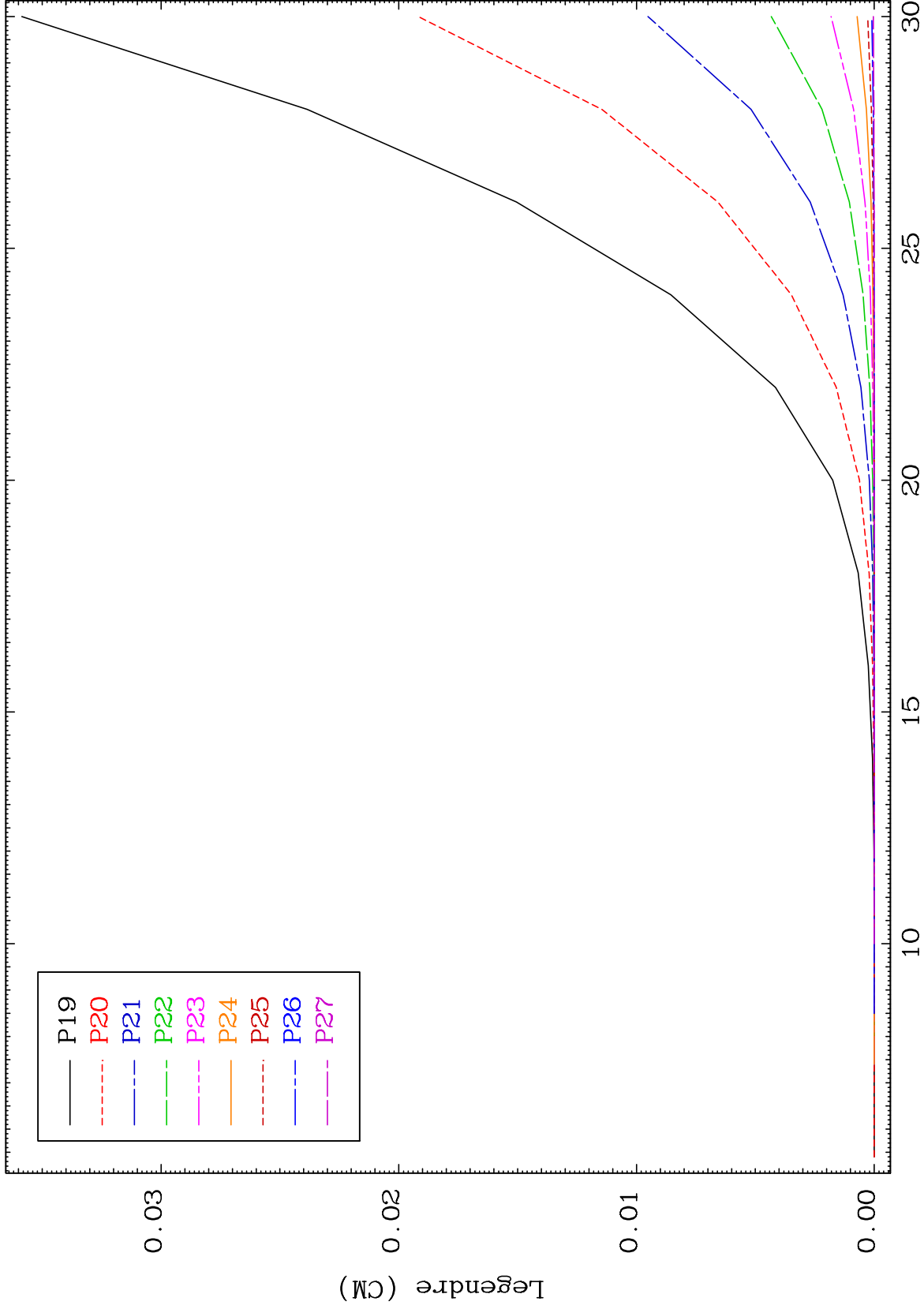
79-Au-203



MAT 7943

Elastic Legendre Coefficients

79-Au-203



18

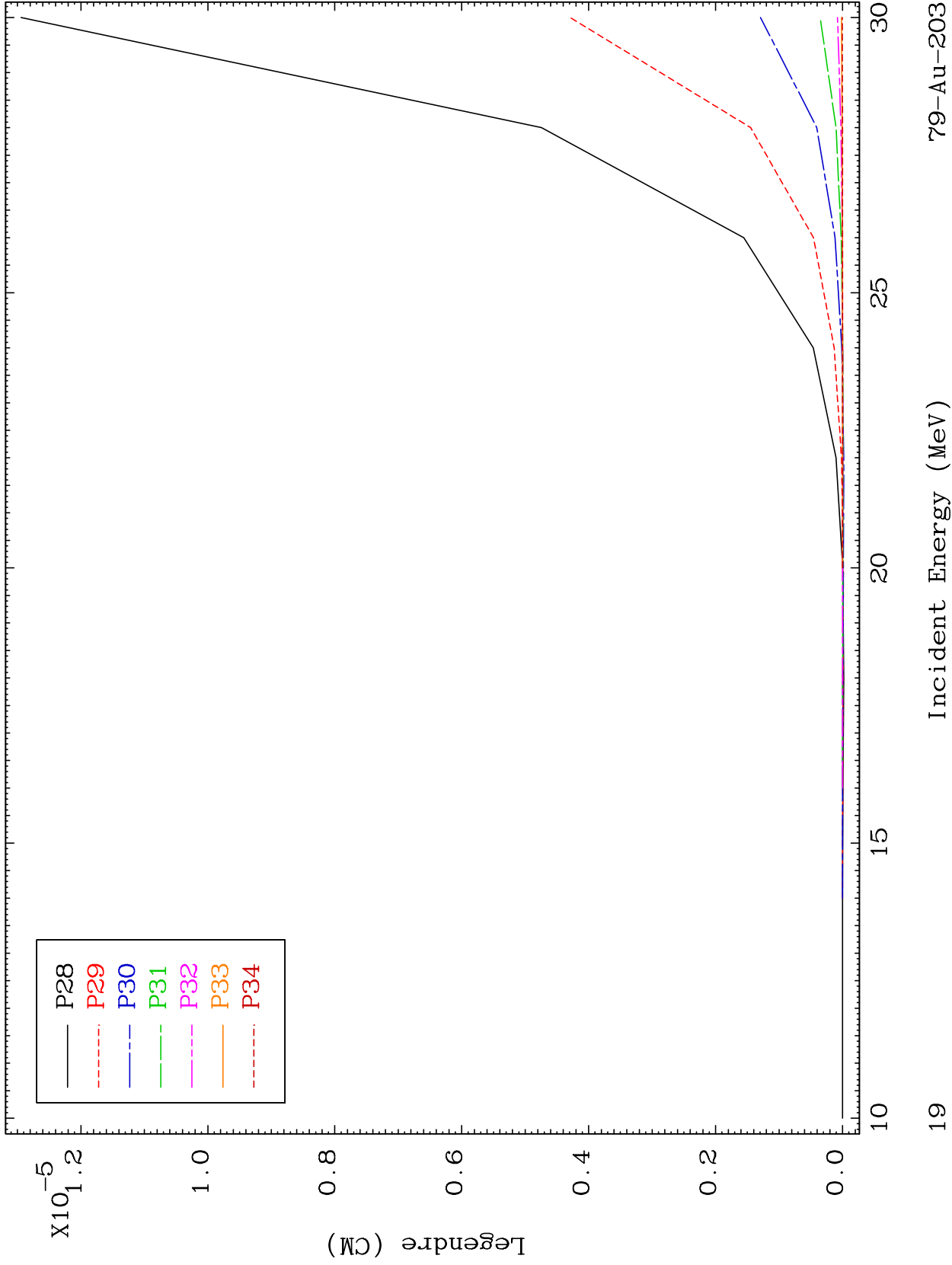
Incident Energy (MeV)

79-Au-203

MAT 7943

Elastic Legendre Coefficients

79-Au-203



79-Au-203

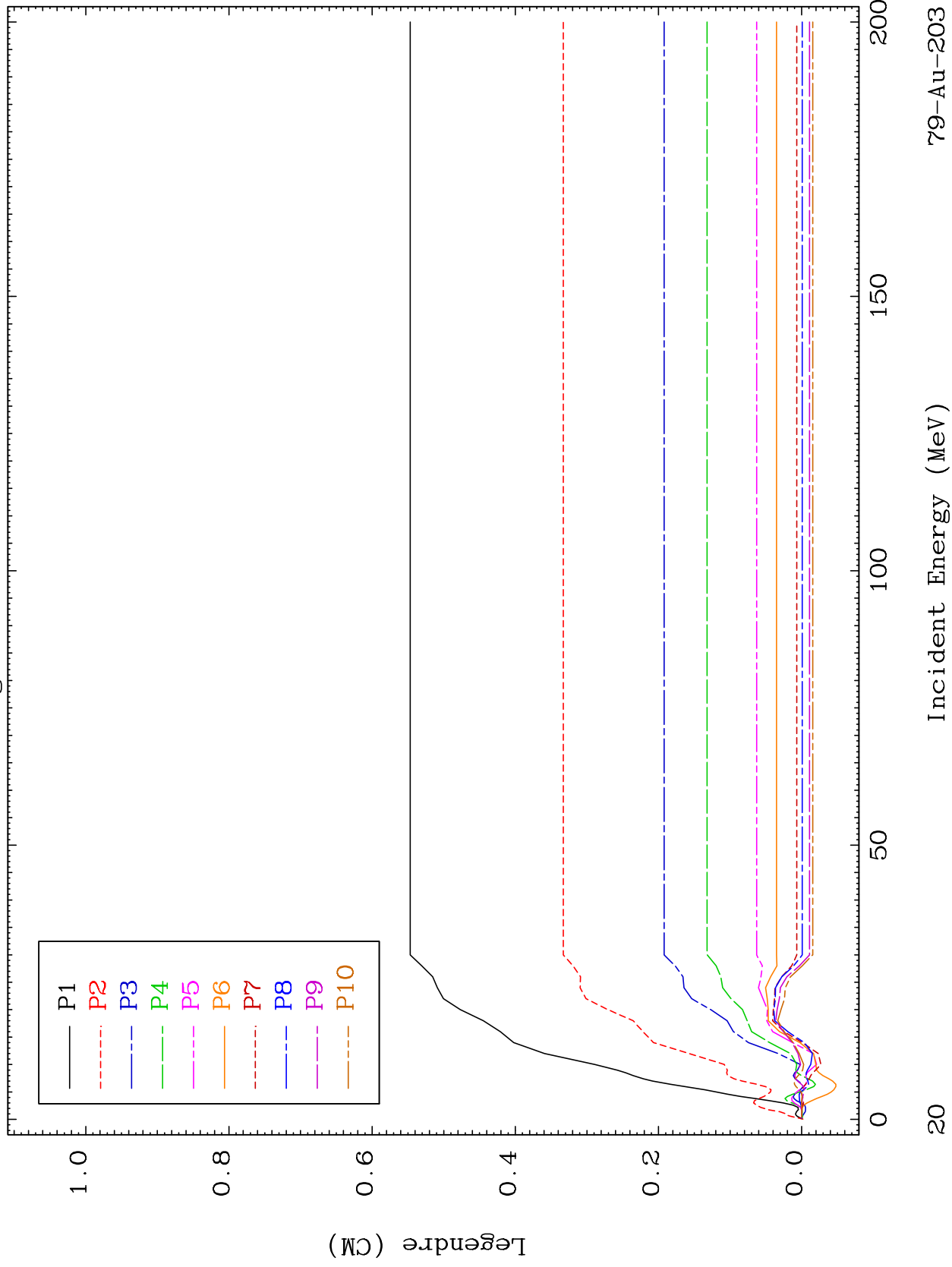
Incident Energy (MeV)

19

MAT 7943

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

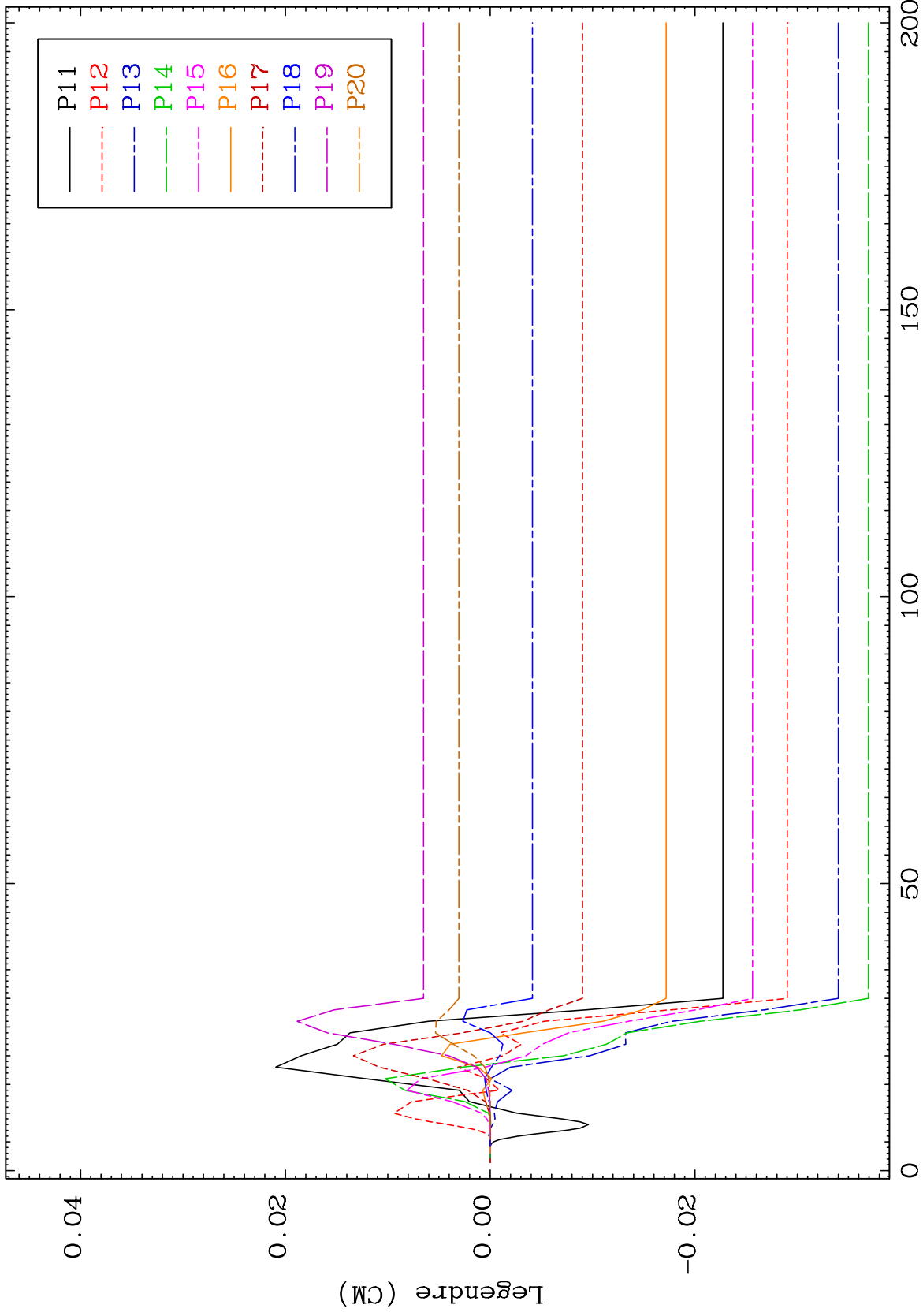
79-Au-203



MAT 7943

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

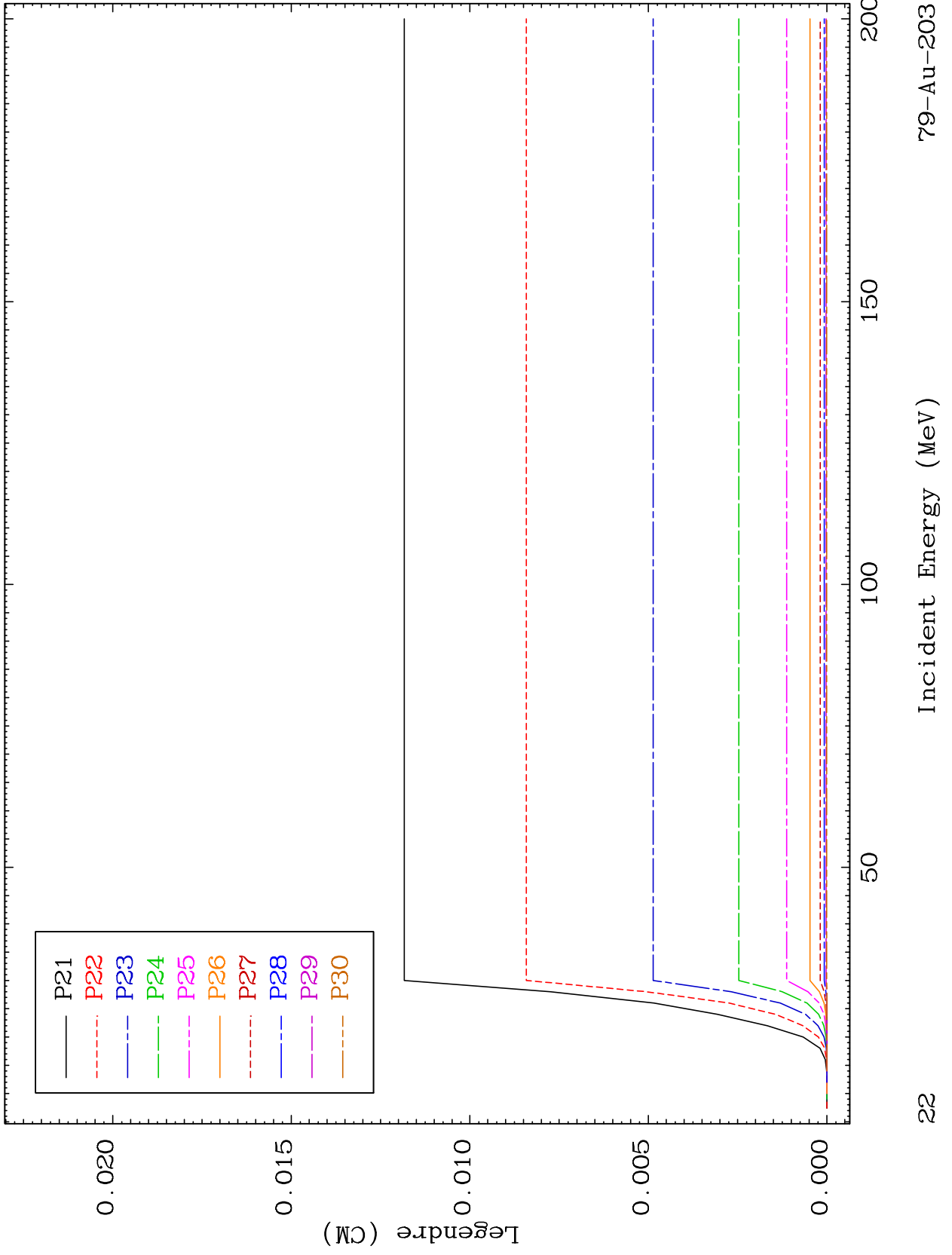
79-Au-203



21

Incident Energy (MeV)

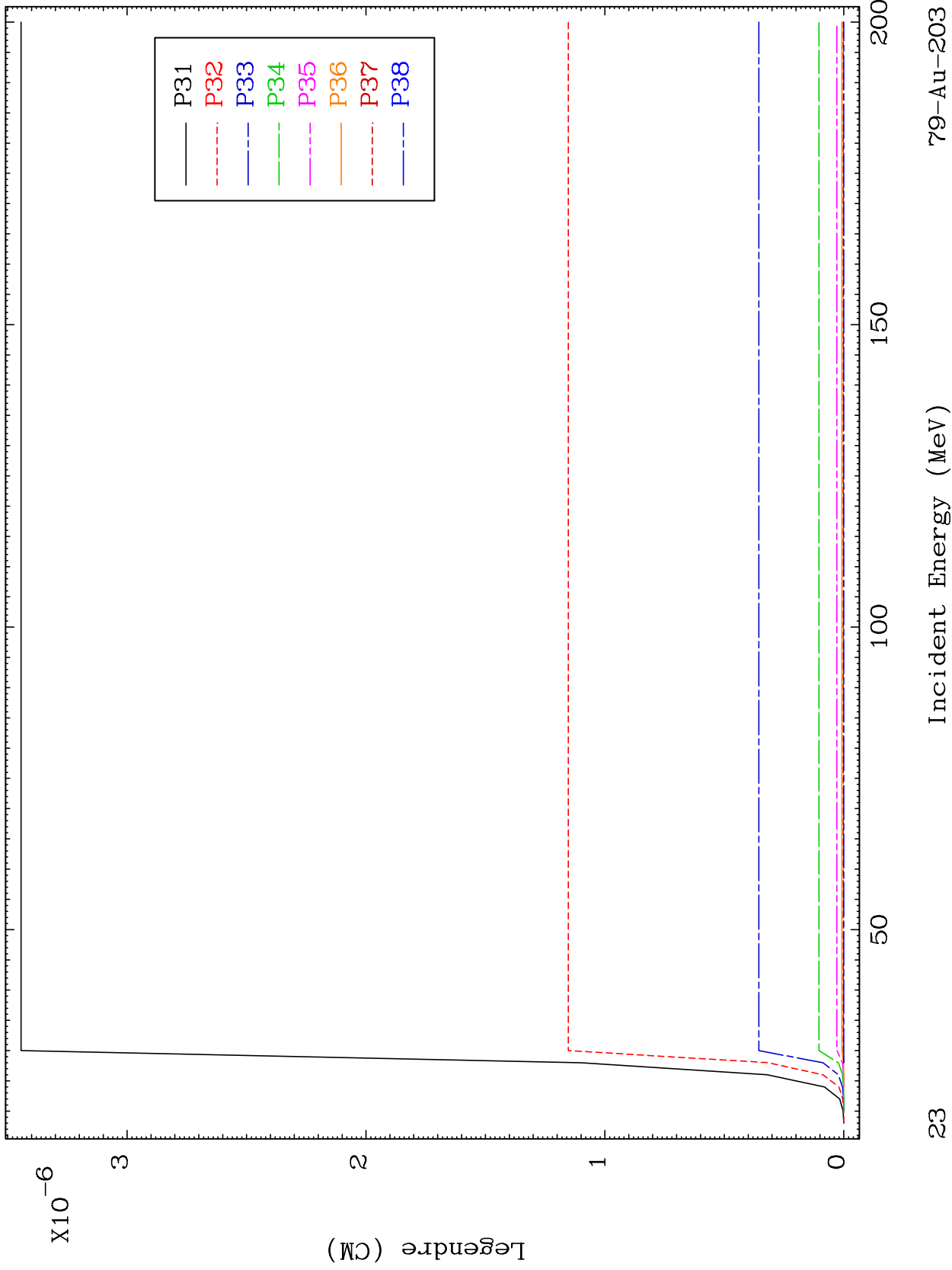
79-Au-203



MAT 7943

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

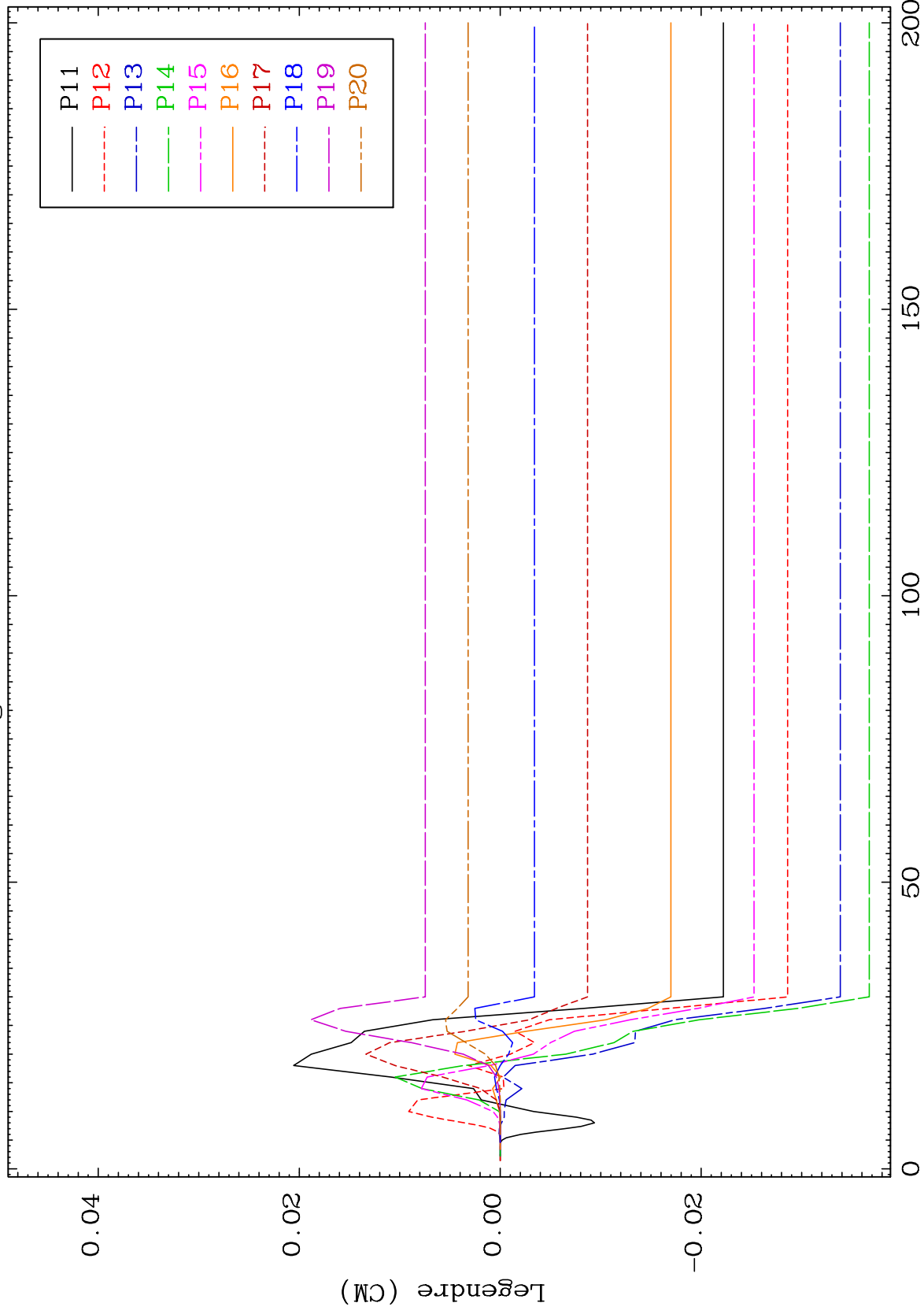
79-Au-203



MAT 7943

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

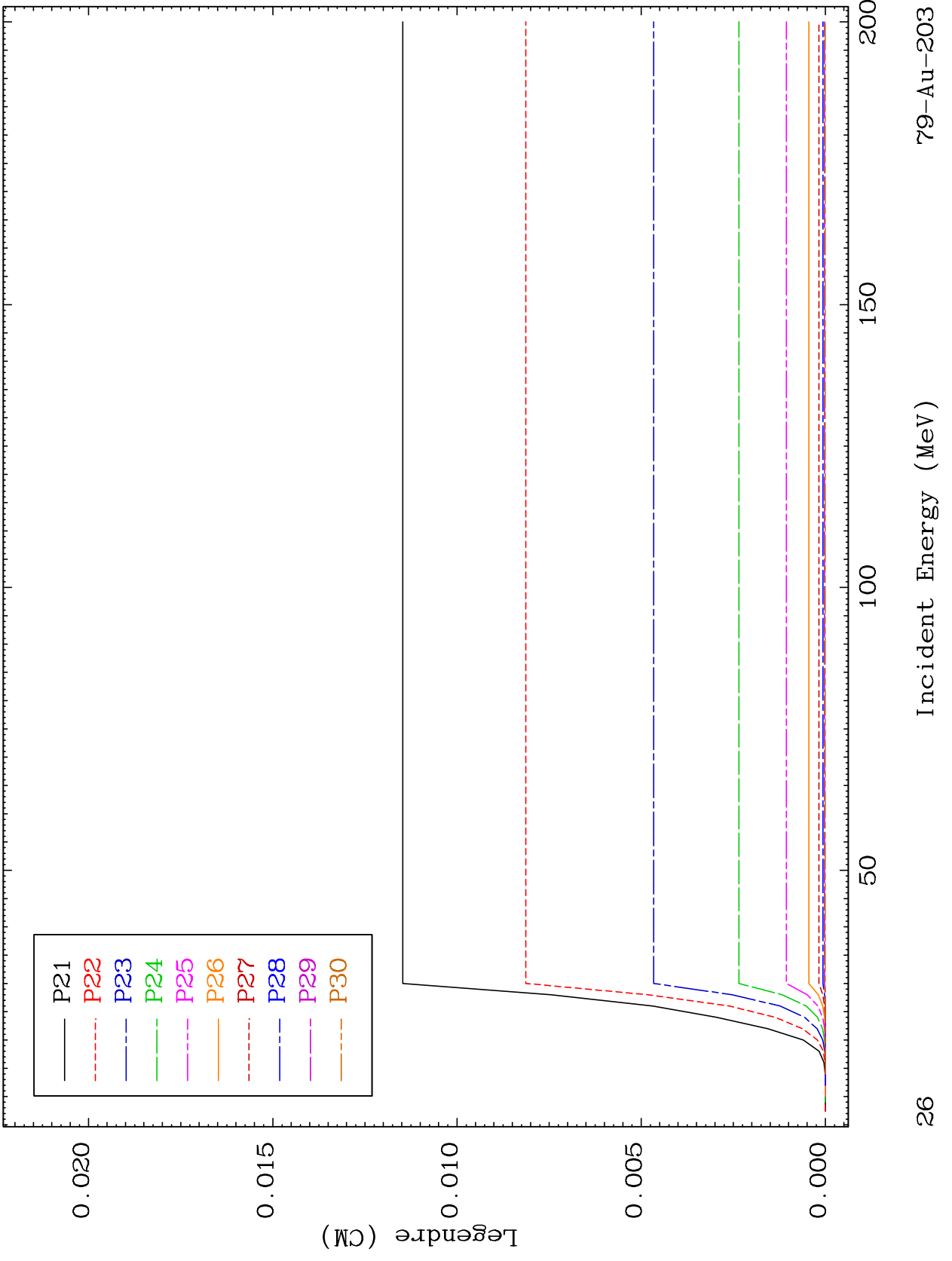
79-Au-203



25

Incident Energy (MeV)

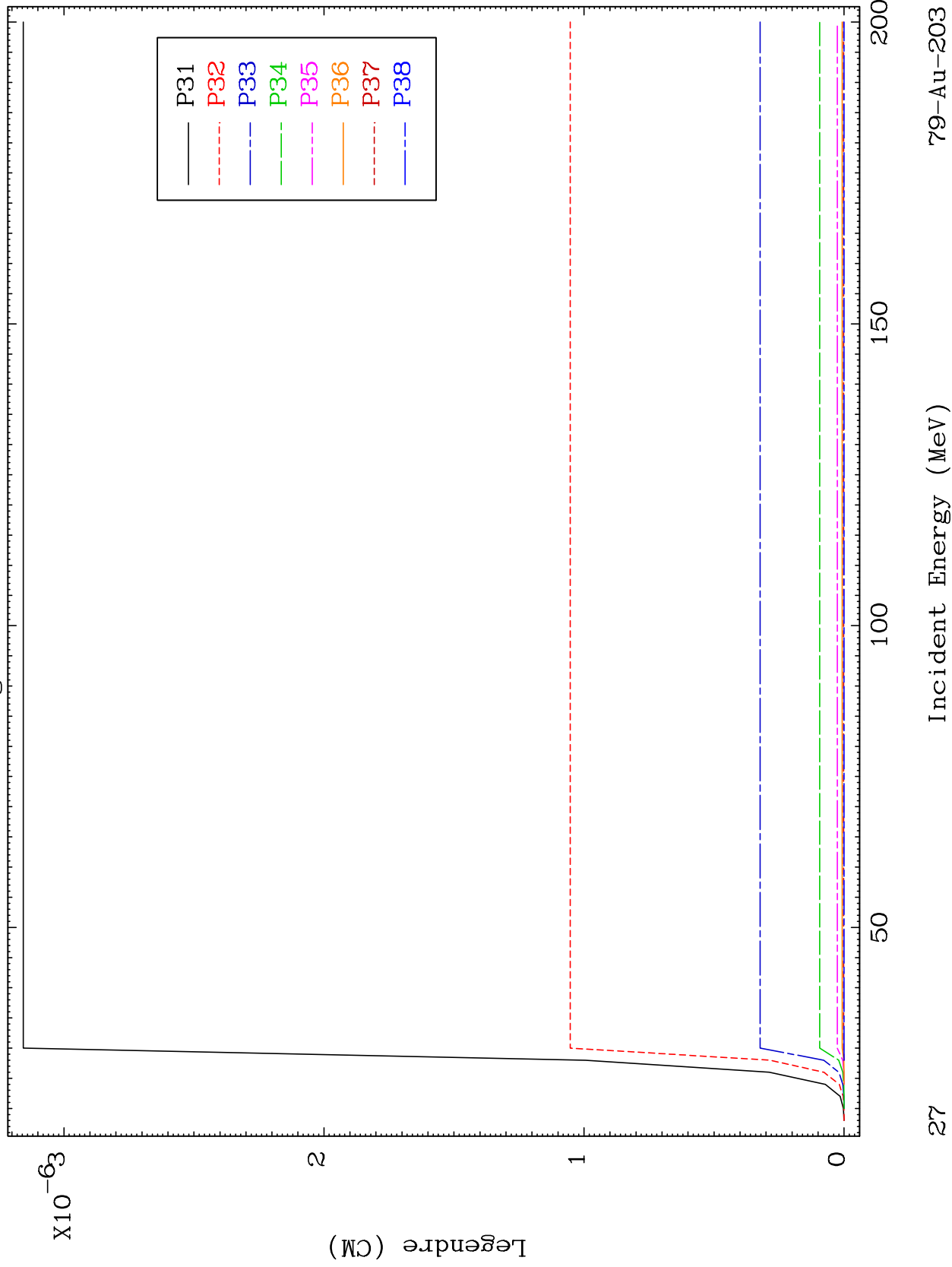
79-Au-203



MAT 7943

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

79-Au-203



27

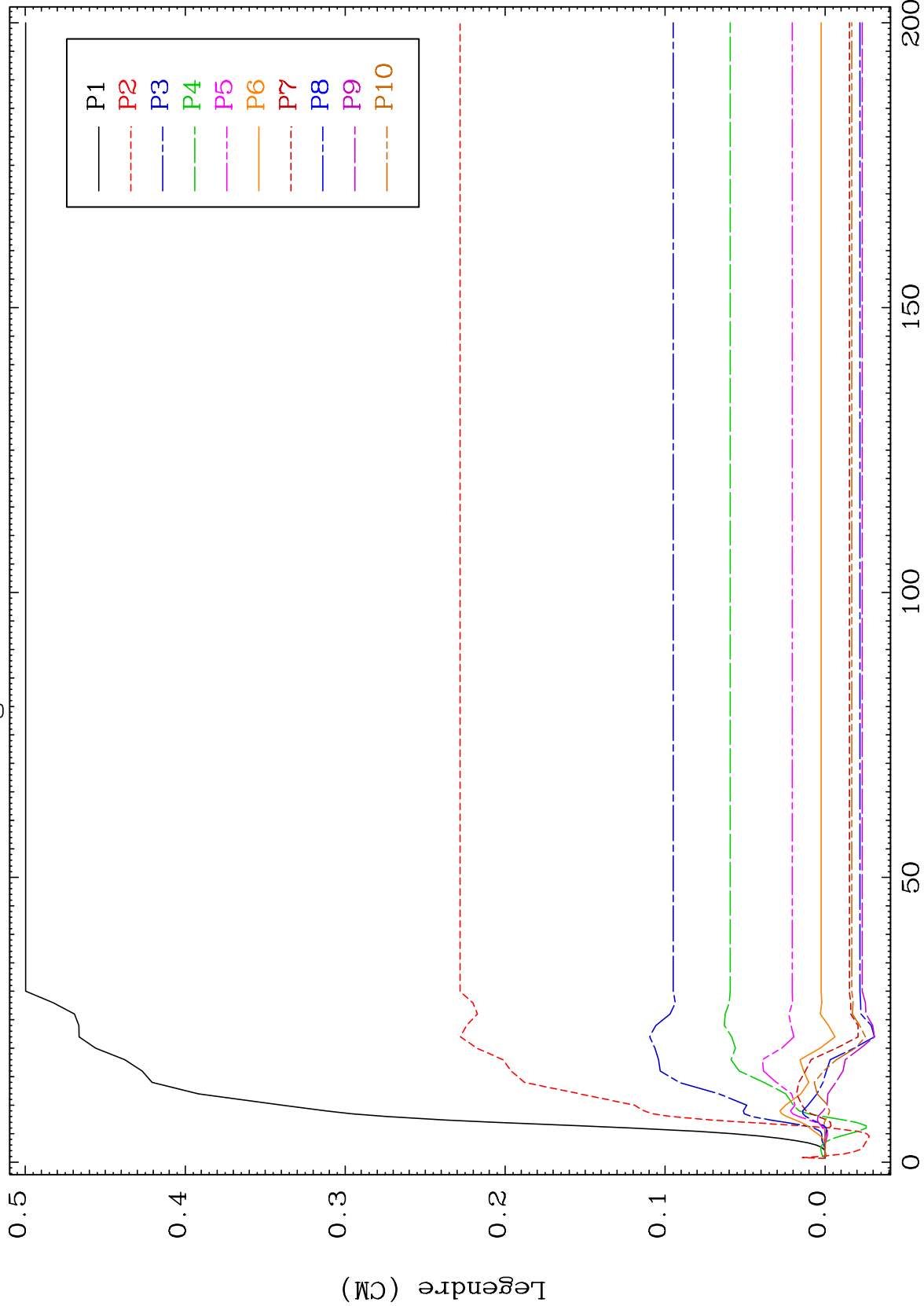
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



28

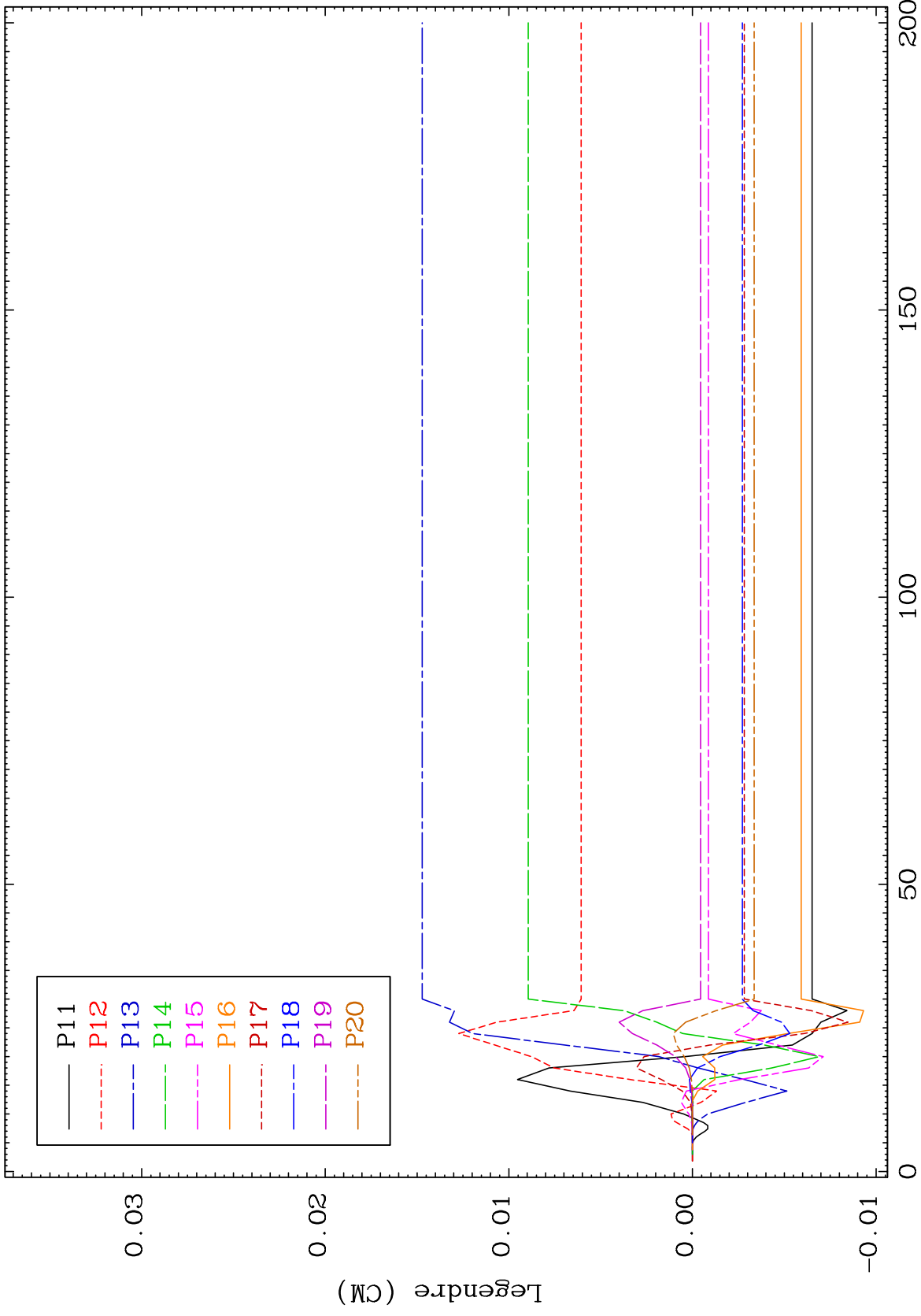
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



29

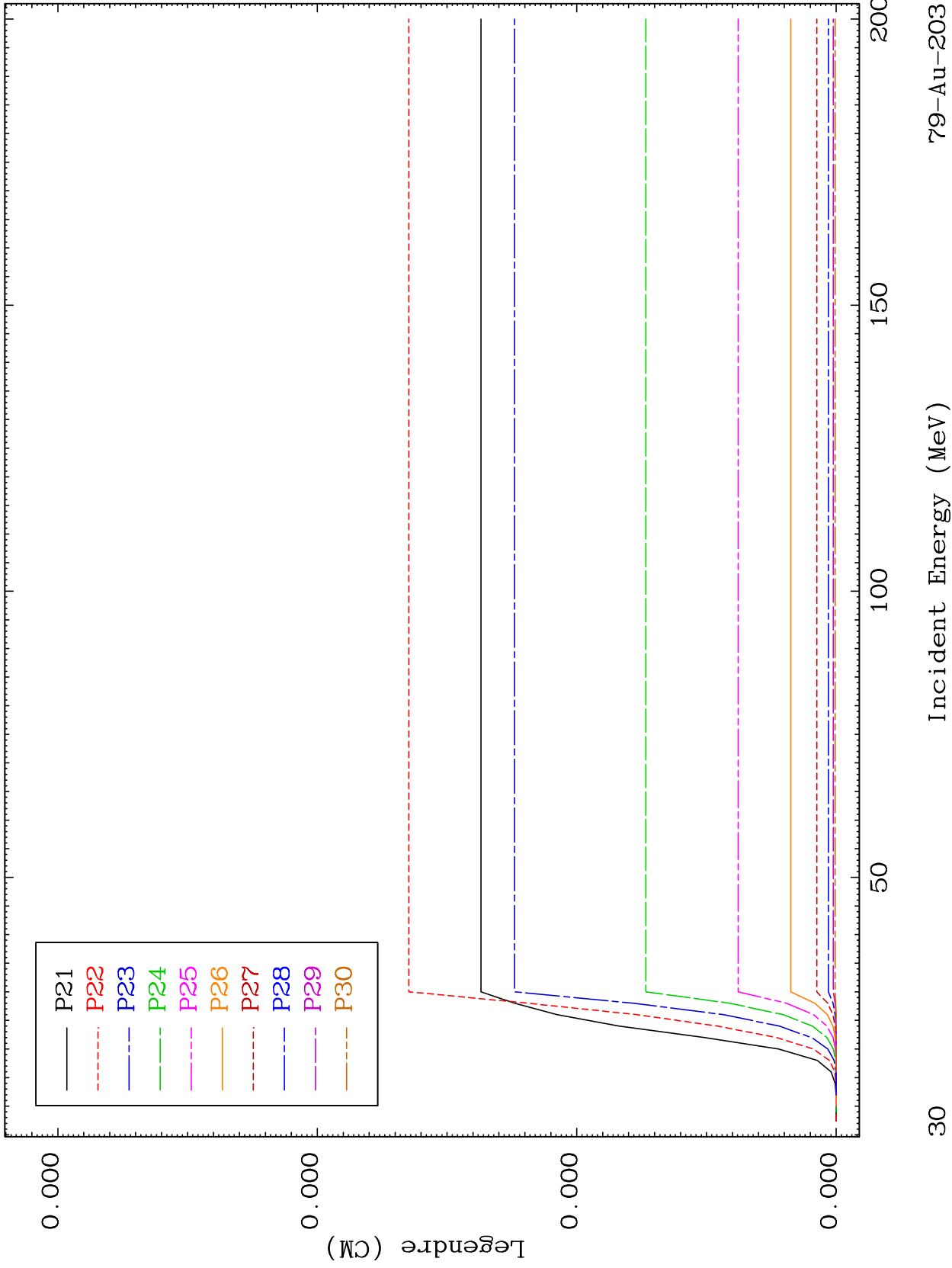
Incident Energy (MeV)

79-Au-203

MAT 7943

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

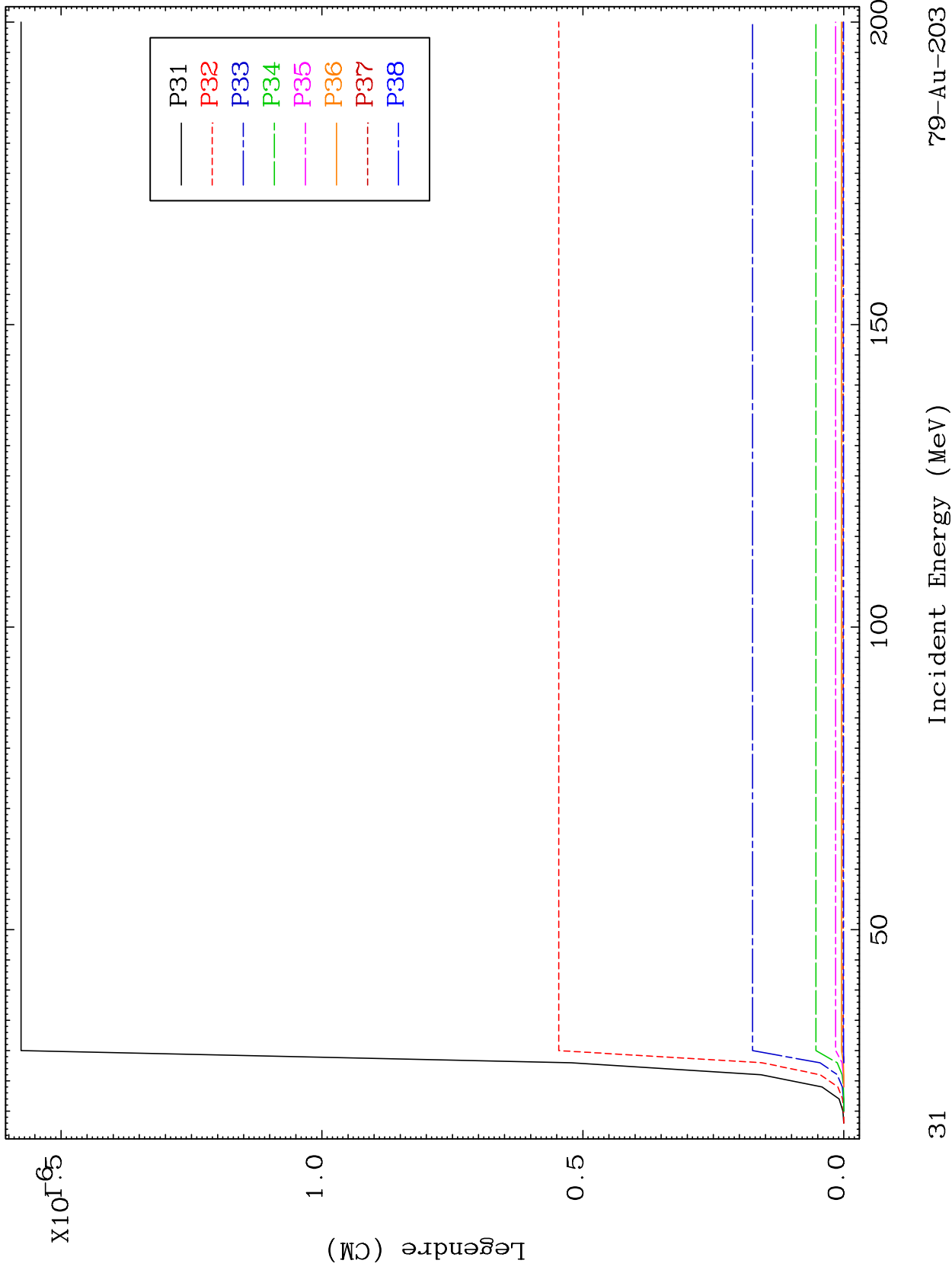
79-Au-203



30

Incident Energy (MeV)

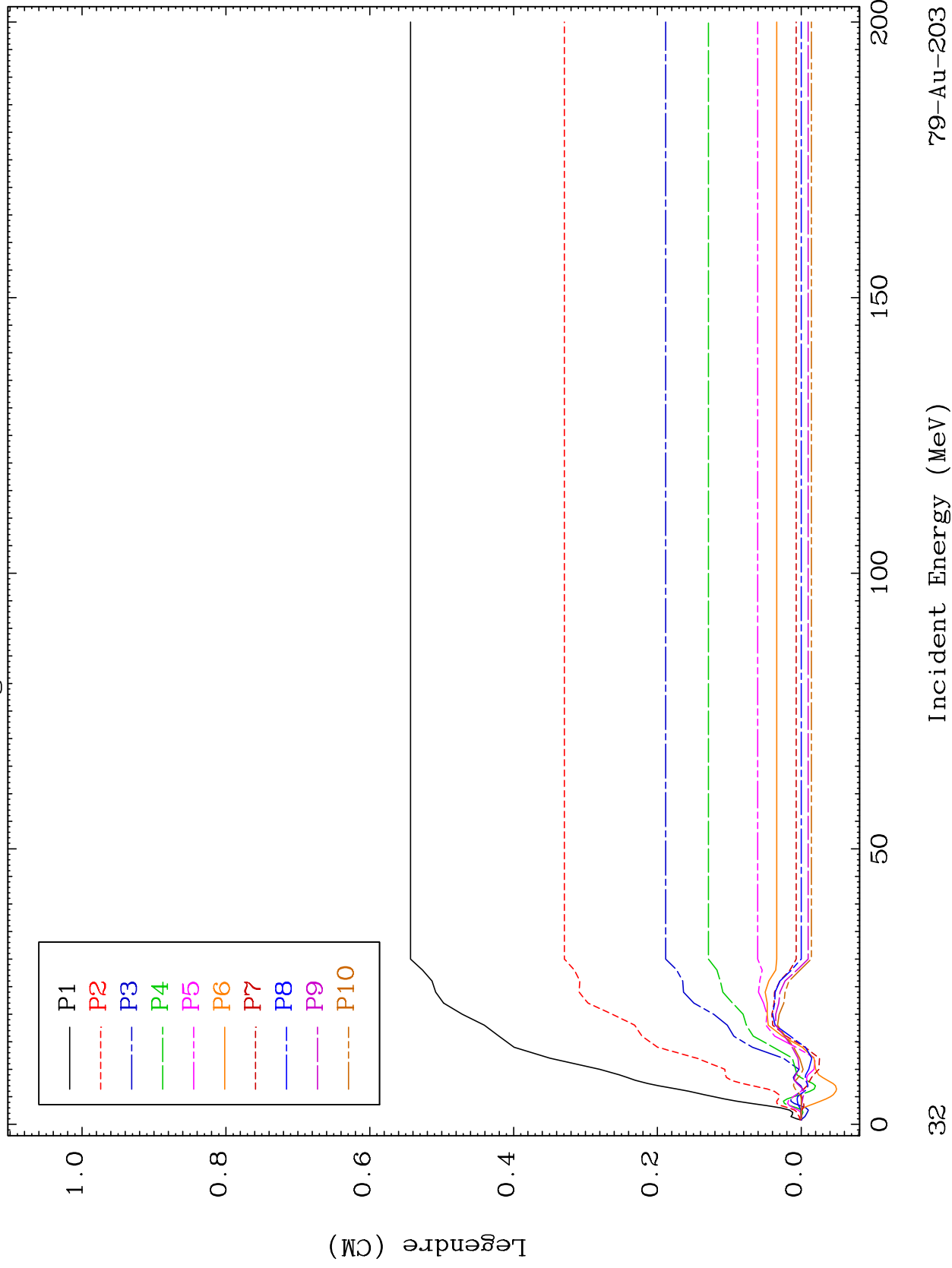
79-Au-203



MAT 7943

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

79-Au-203



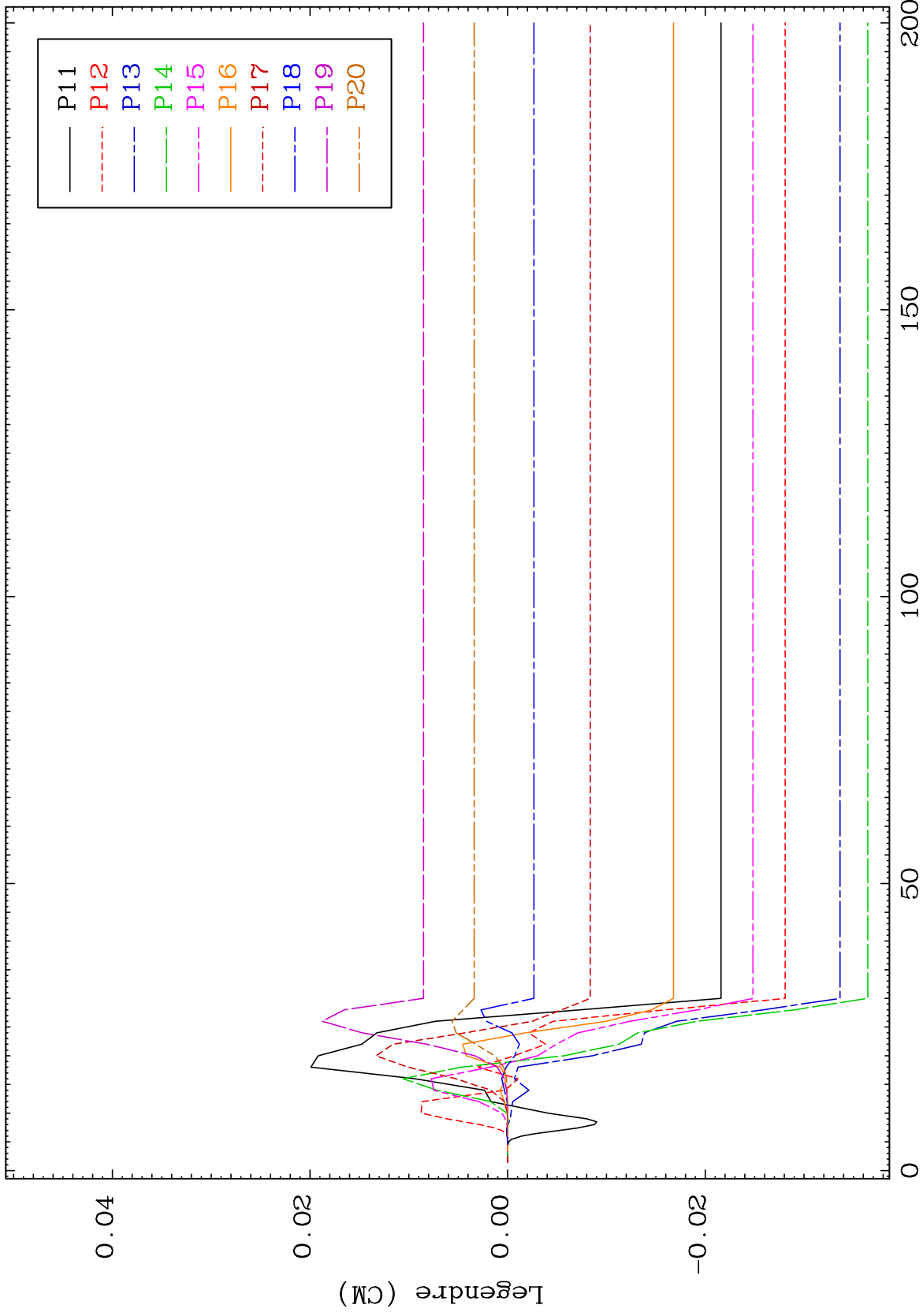
32

79-Au-203

MAT 7943

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

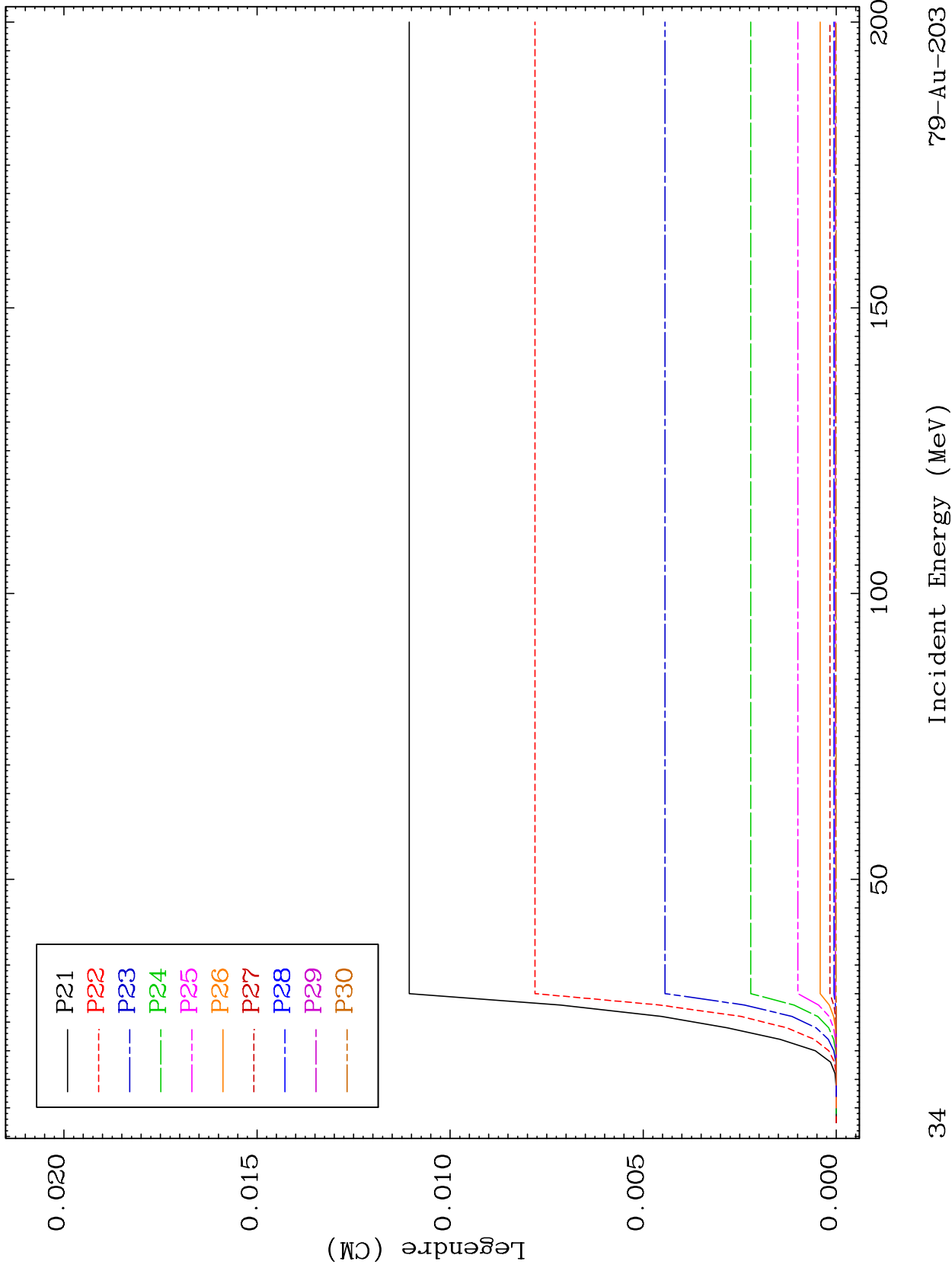
79-Au-203



33

Incident Energy (MeV)

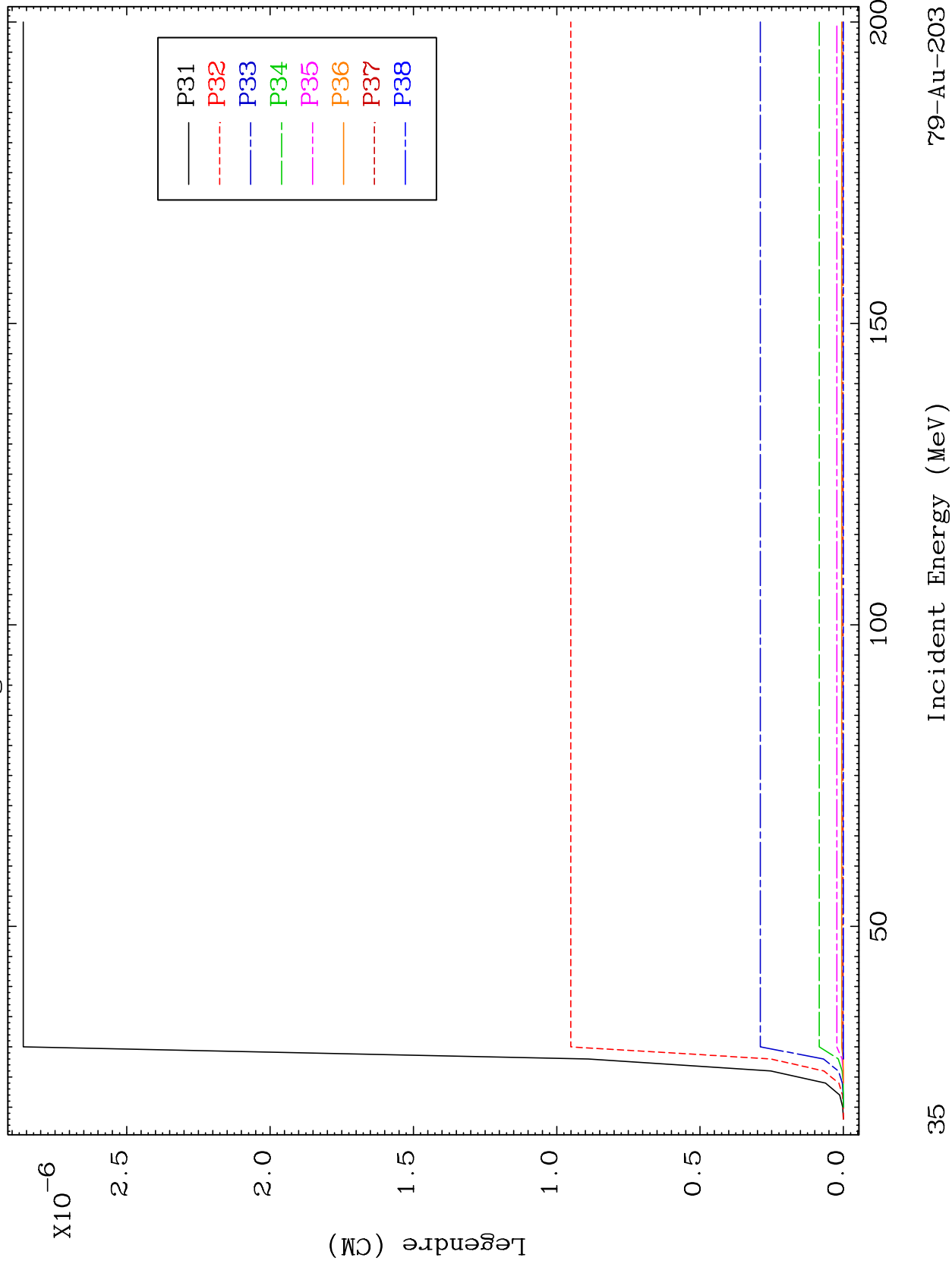
79-Au-203



MAT 7943

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

79-Au-203



79-Au-203

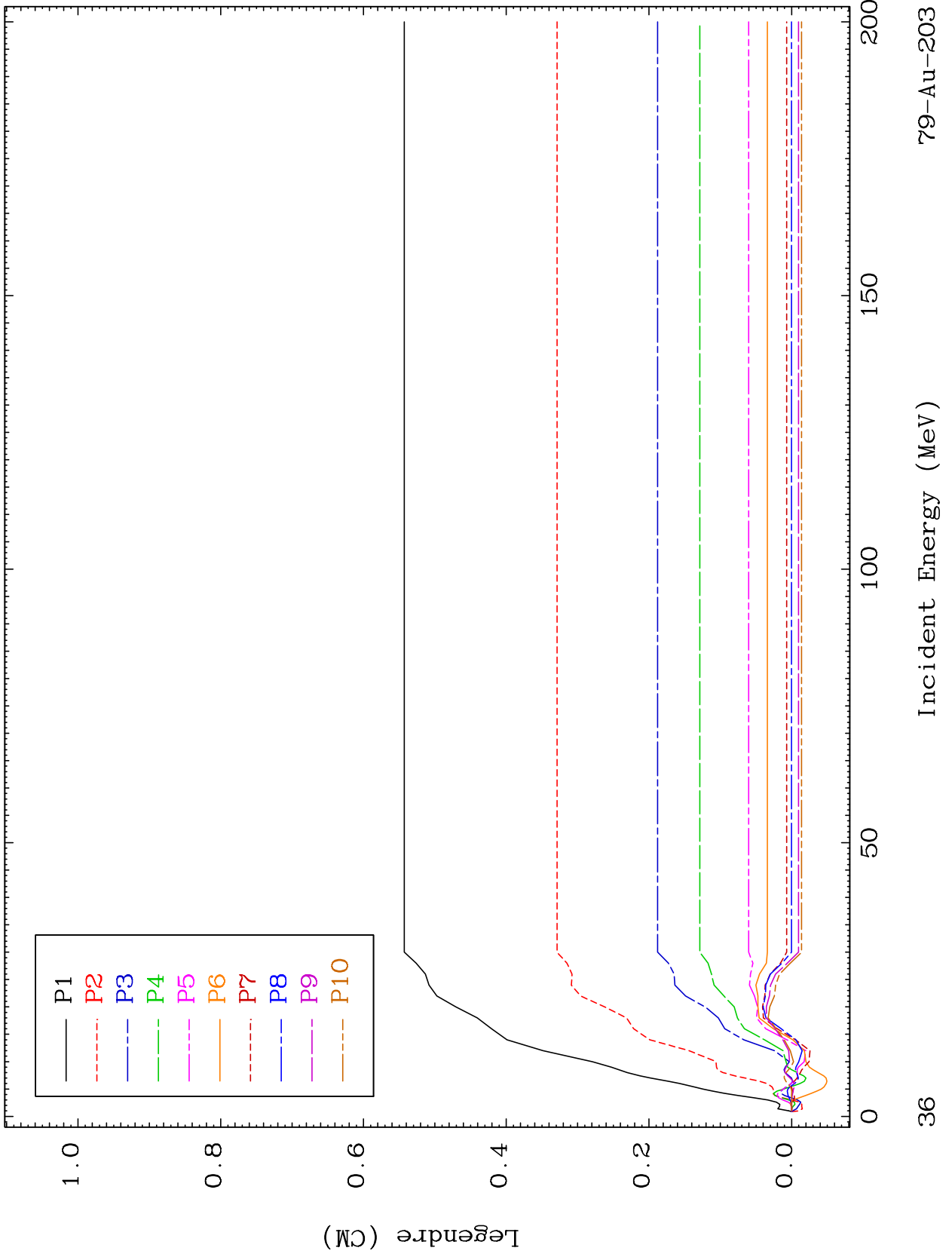
Incident Energy (MeV)

35

MAT 7943

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

79-Au-203



36

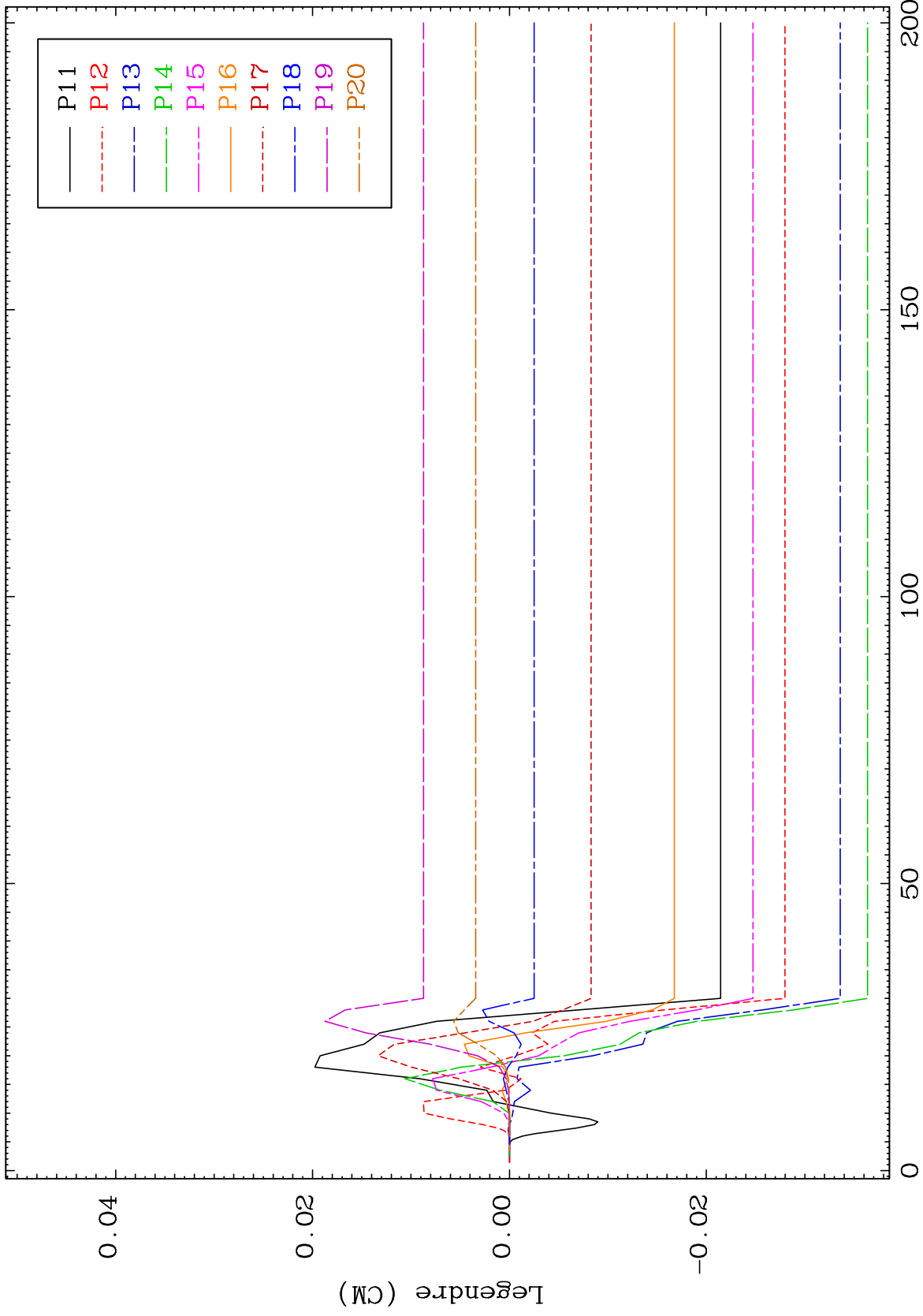
Incident Energy (MeV)

79-Au-203

MAT 7943

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

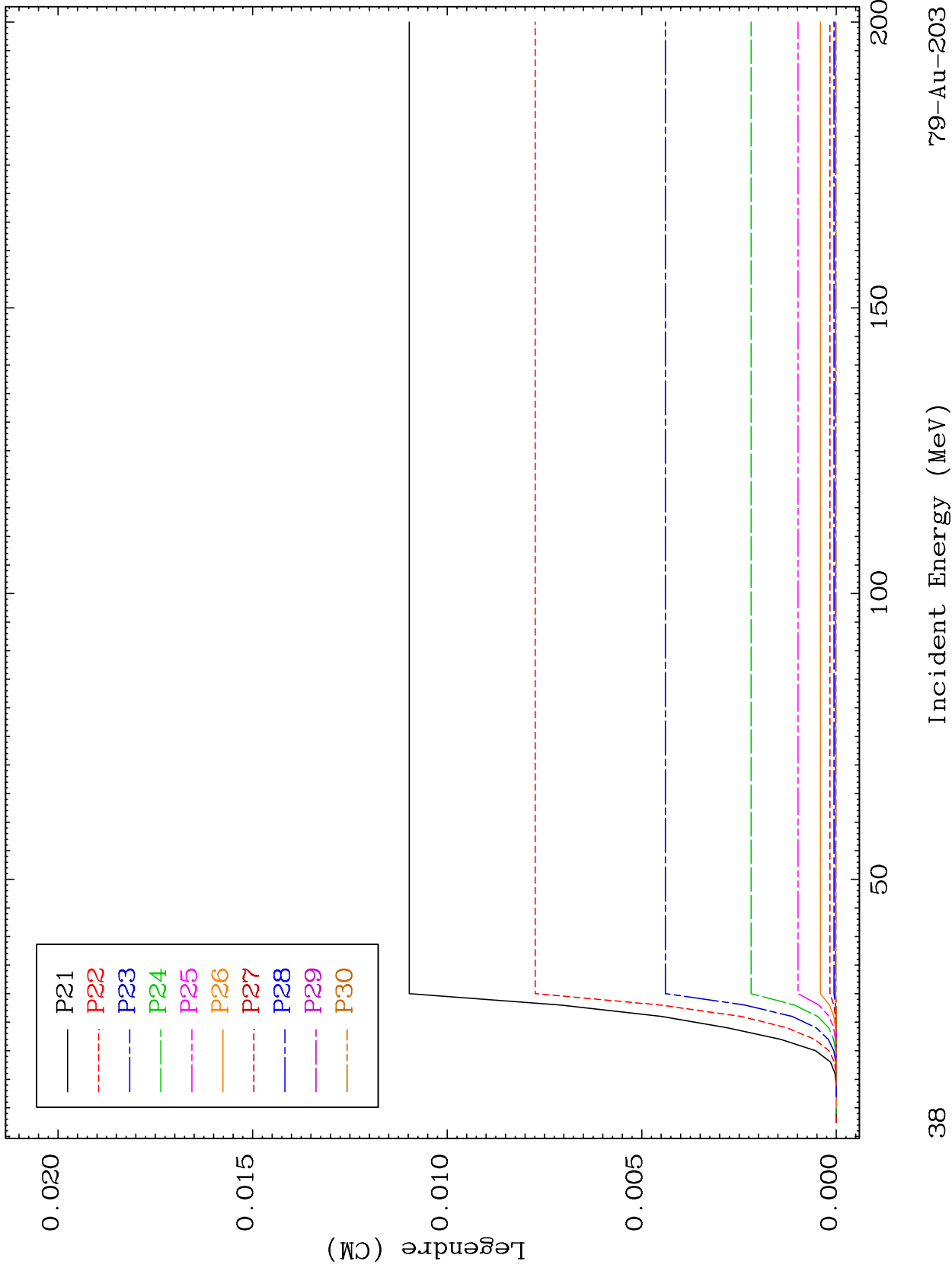
79-Au-203



37

Incident Energy (MeV)

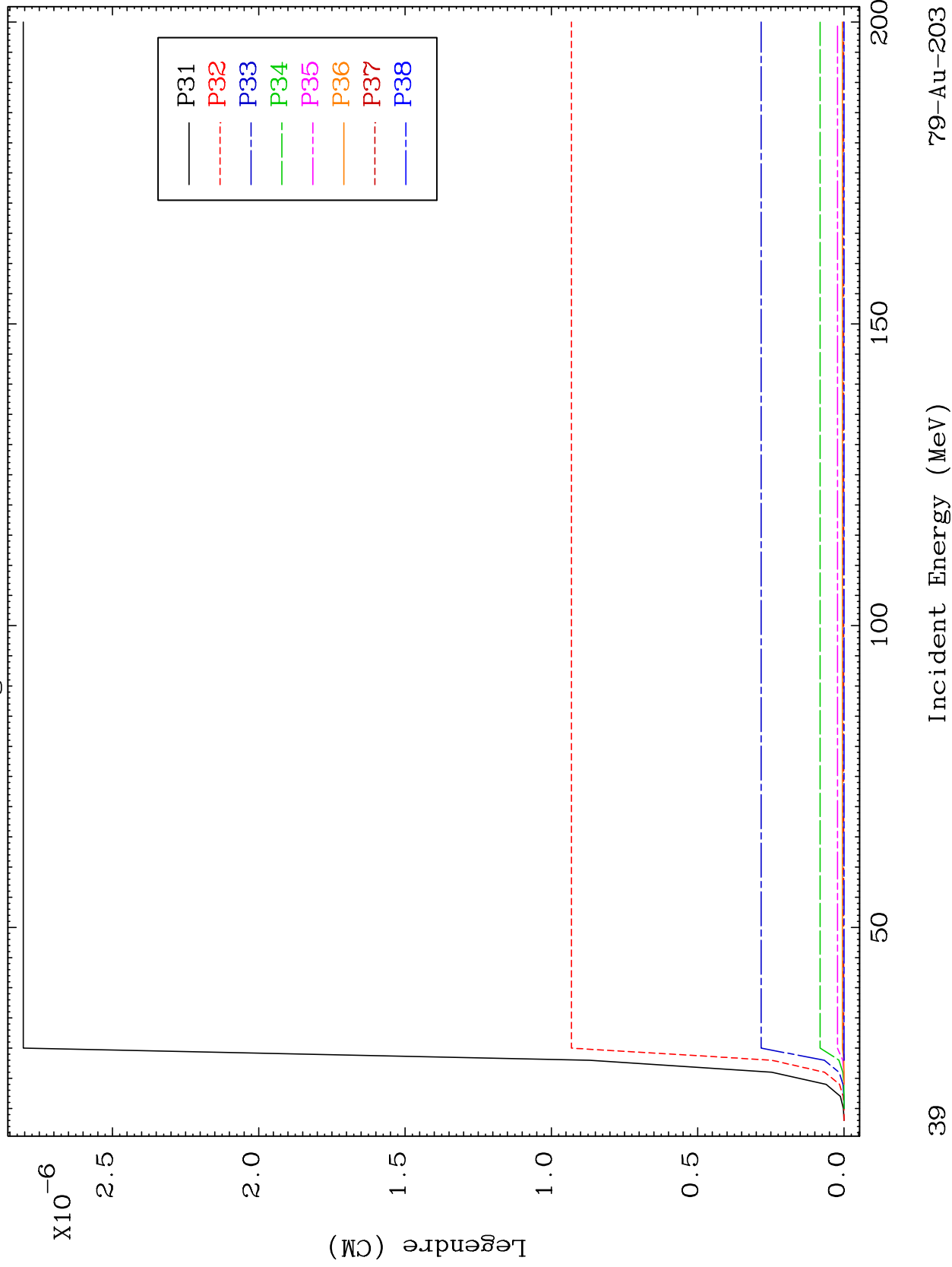
79-Au-203



MAT 7943

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

79-Au-203



39

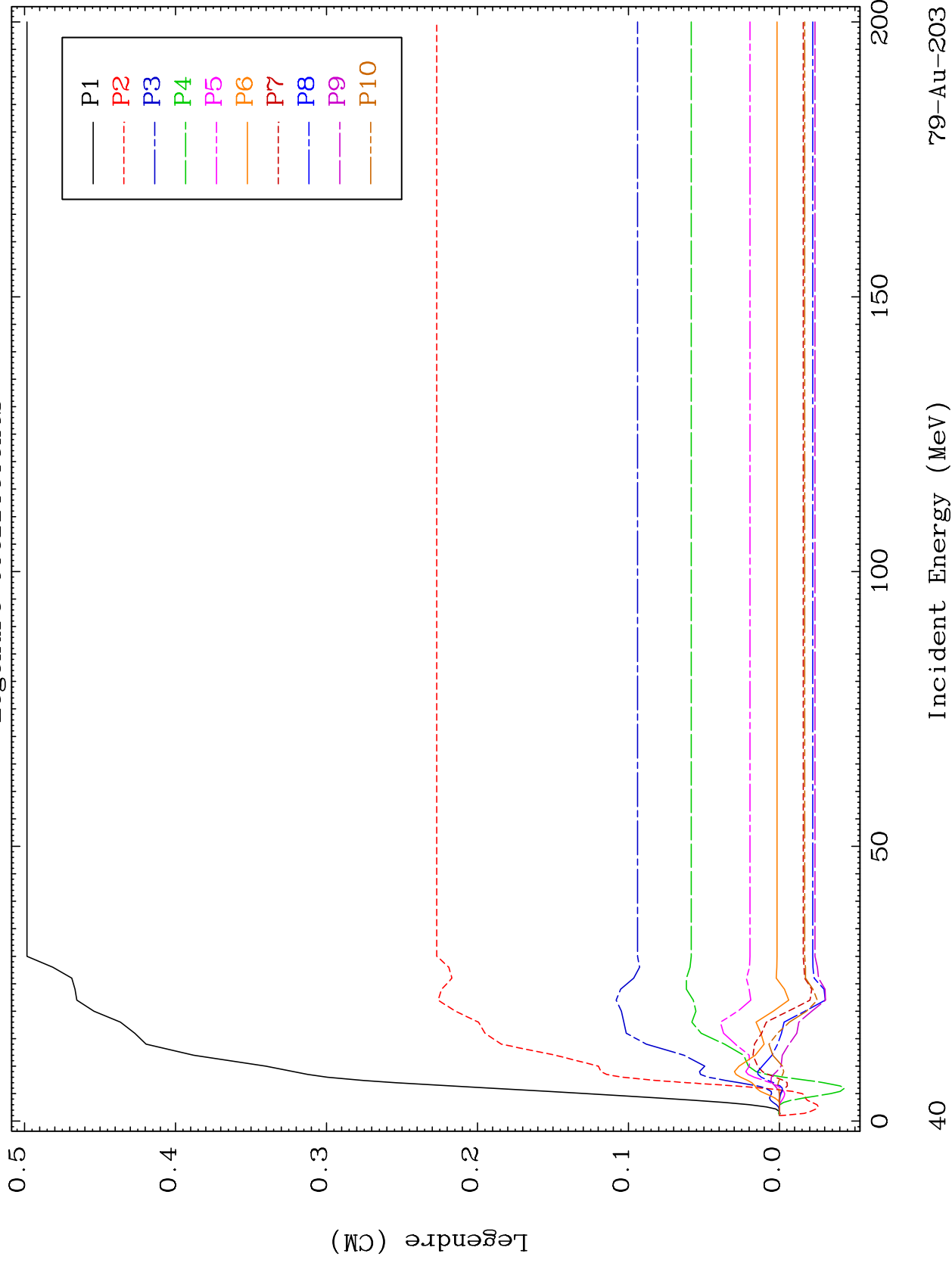
Incident Energy (MeV)

79-Au-203

MAT 7943

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

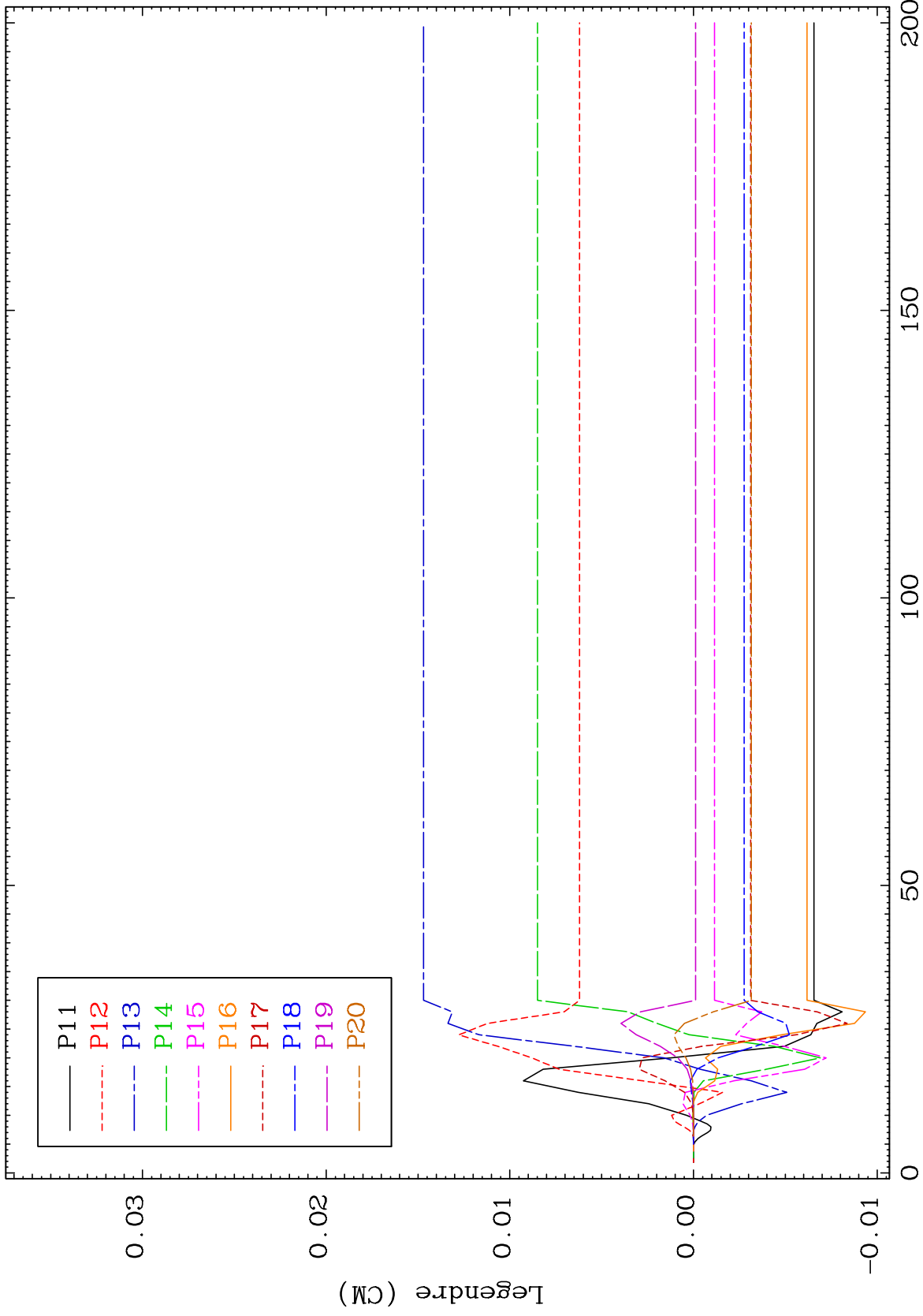
79-Au-203



MAT 7943

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

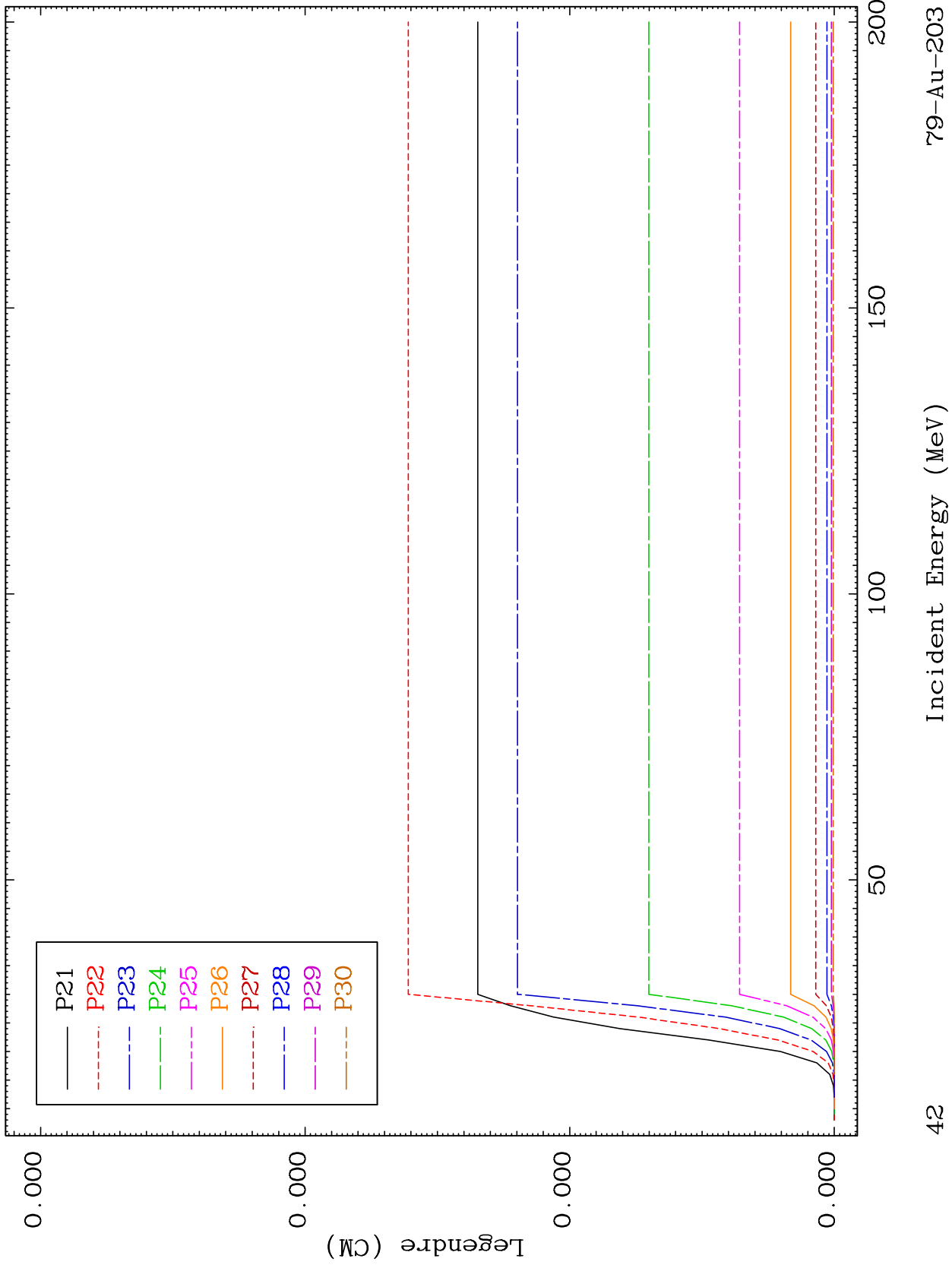
79-Au-203



MAT 7943

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

79-Au-203



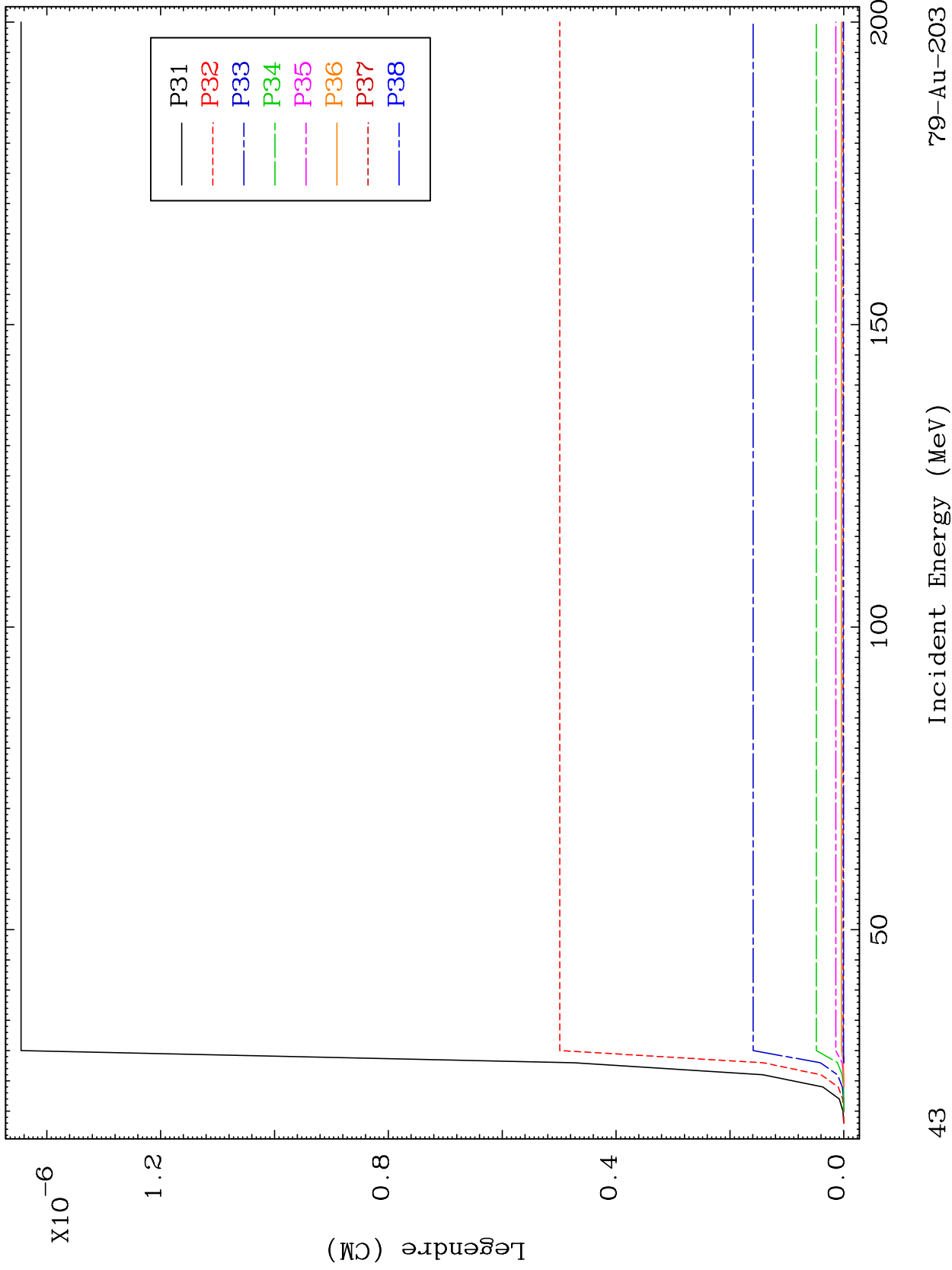
42

79-Au-203

MAT 7943

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

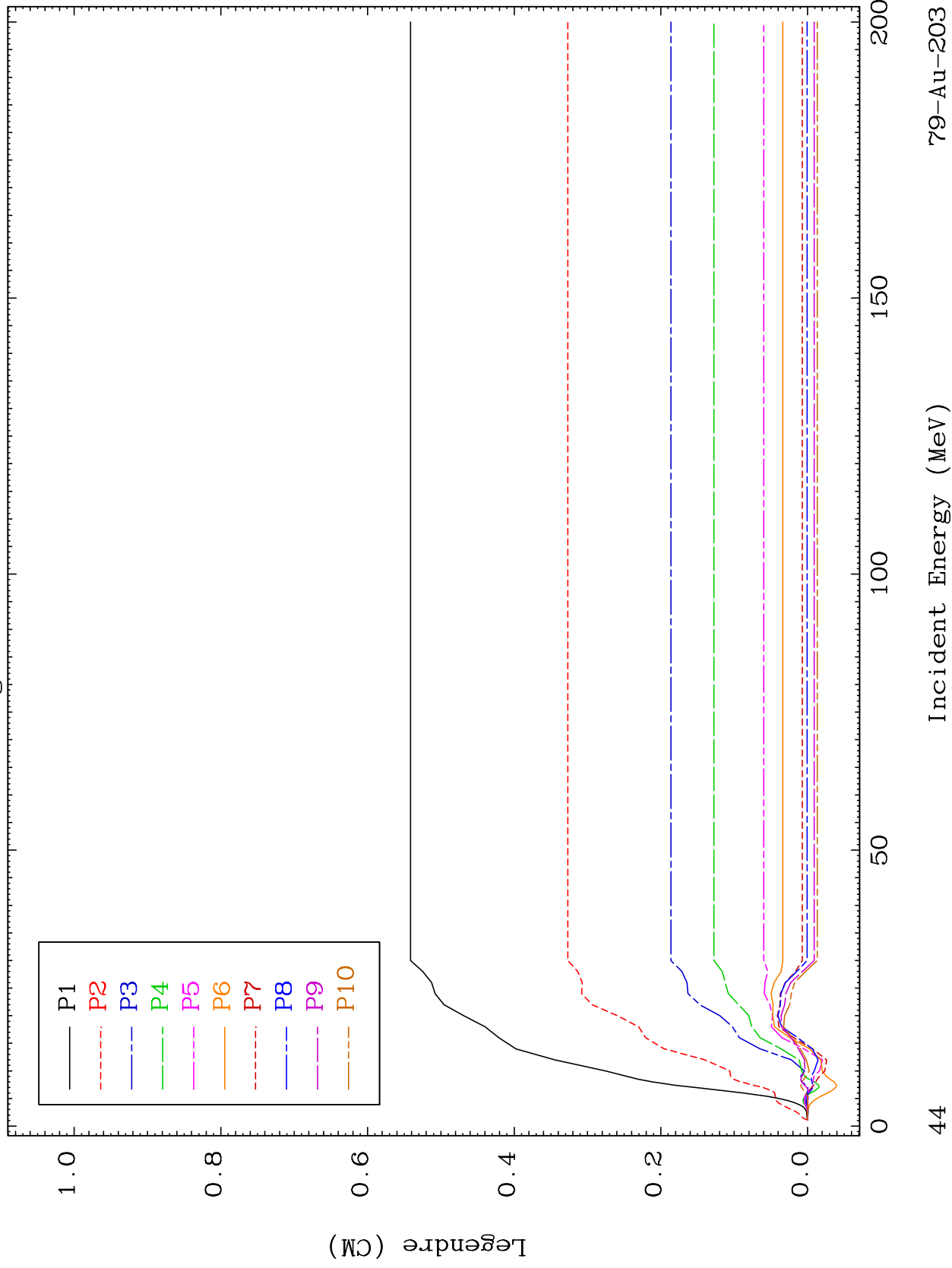
79-Au-203



MAT 7943

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

79-Au-203



44

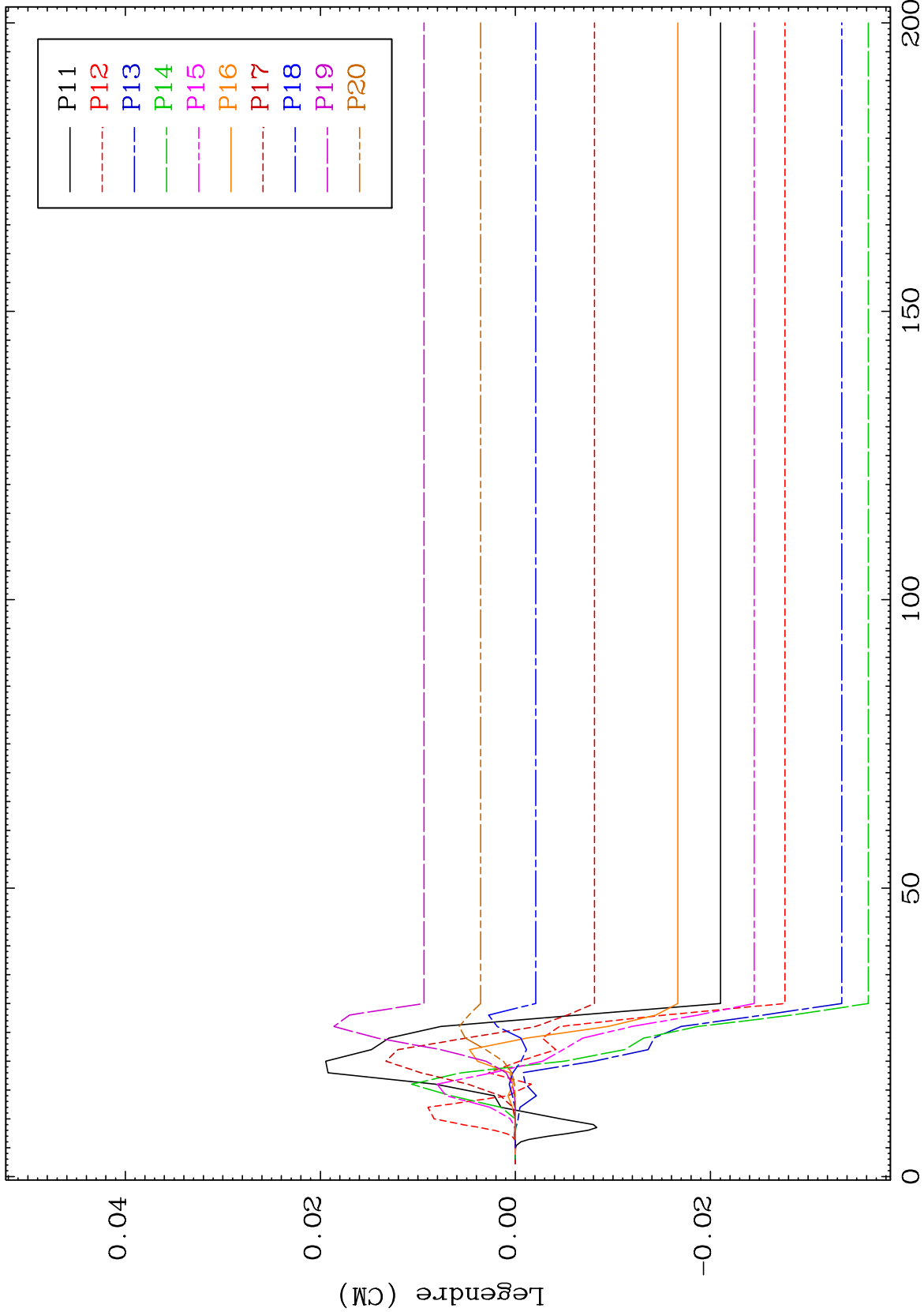
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



45

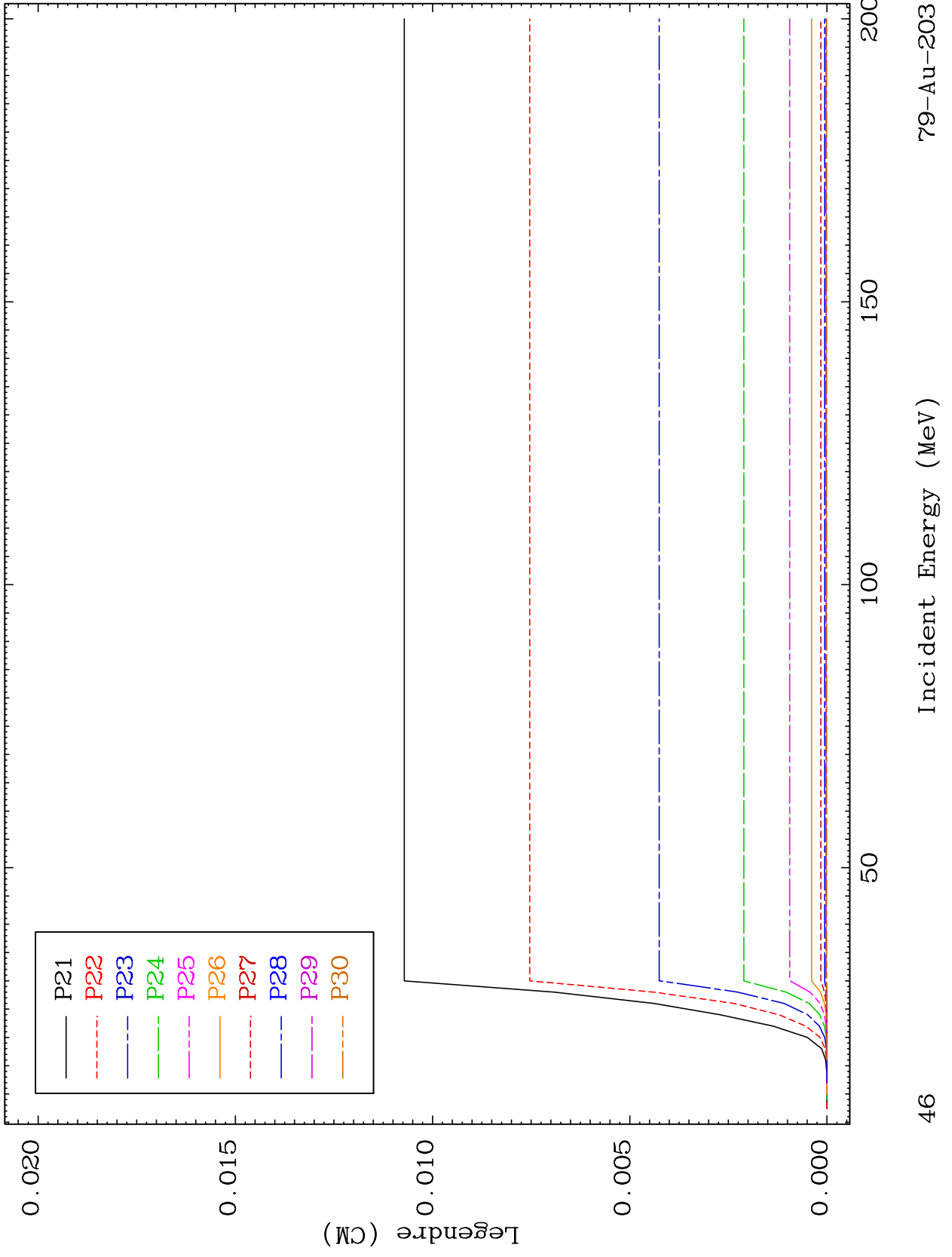
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



46

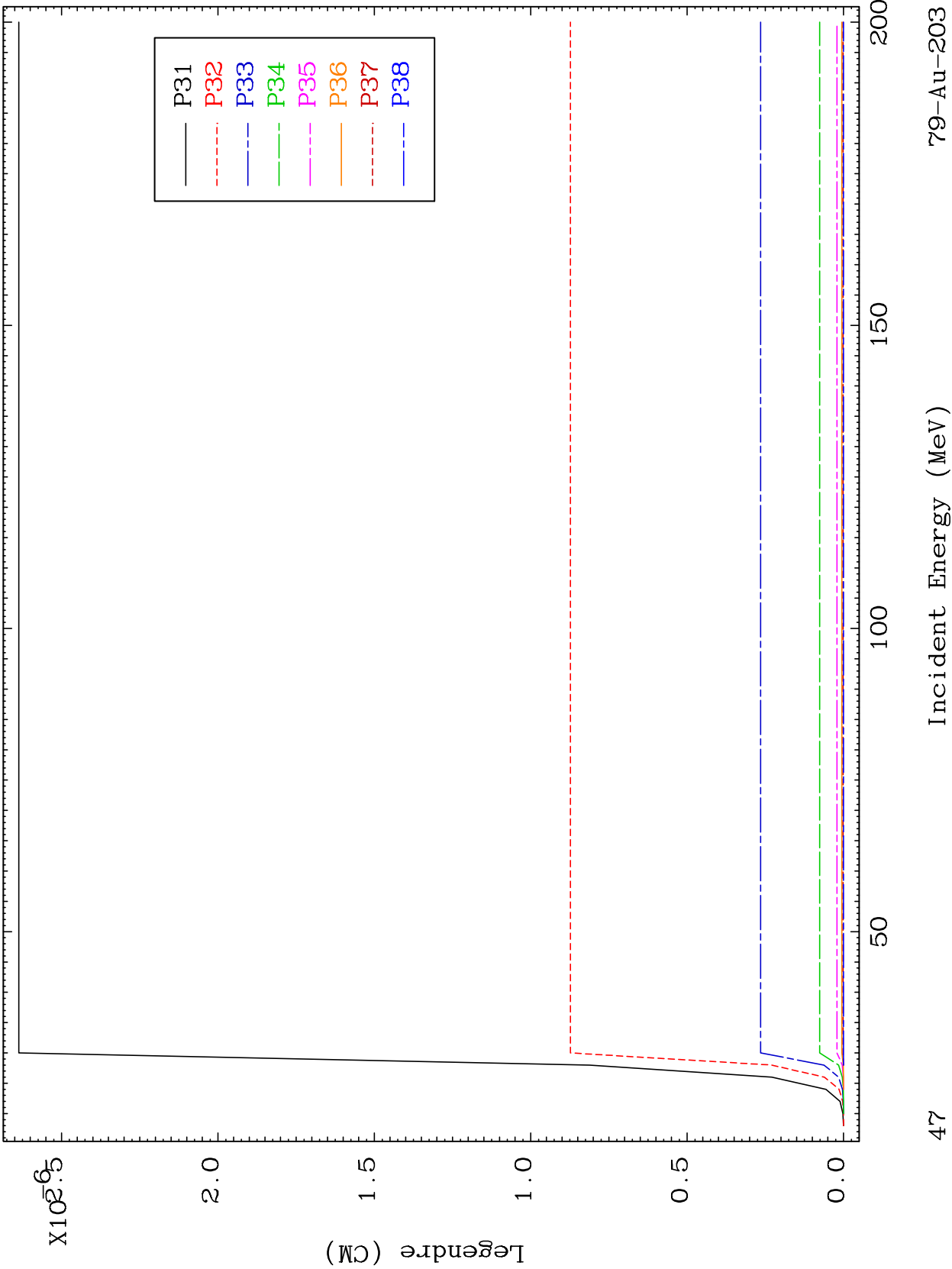
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



47

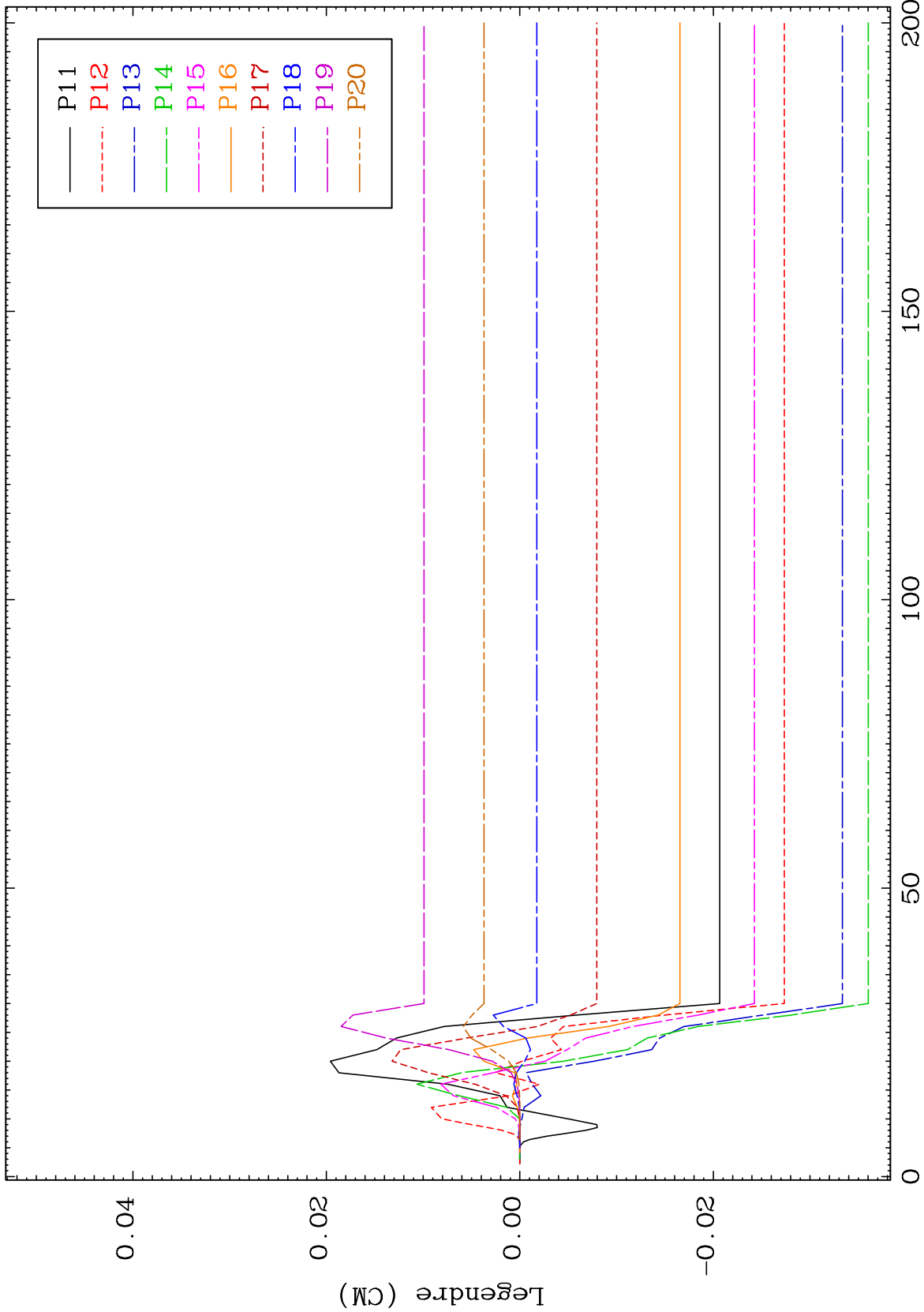
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



49

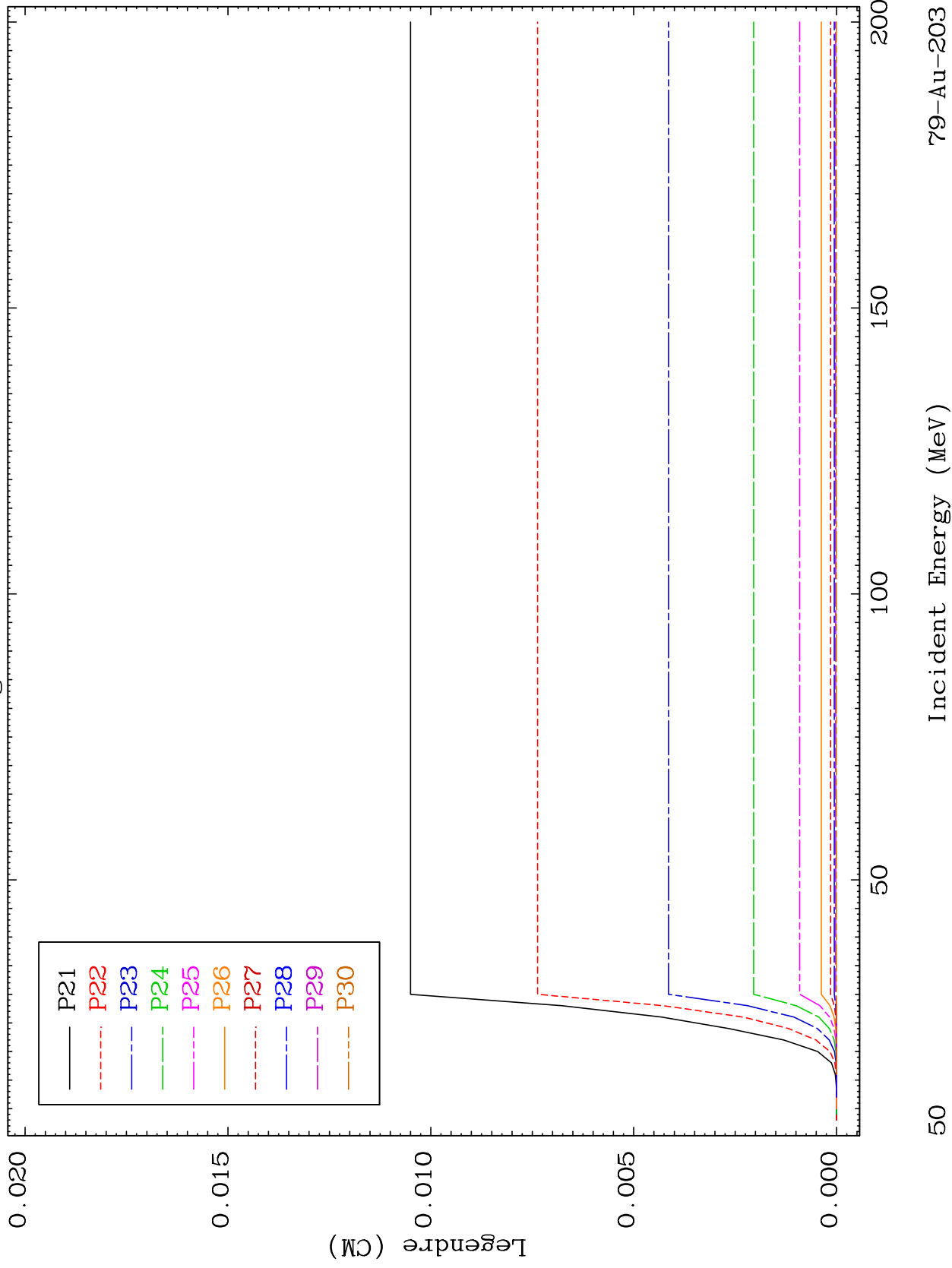
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



79-Au-203

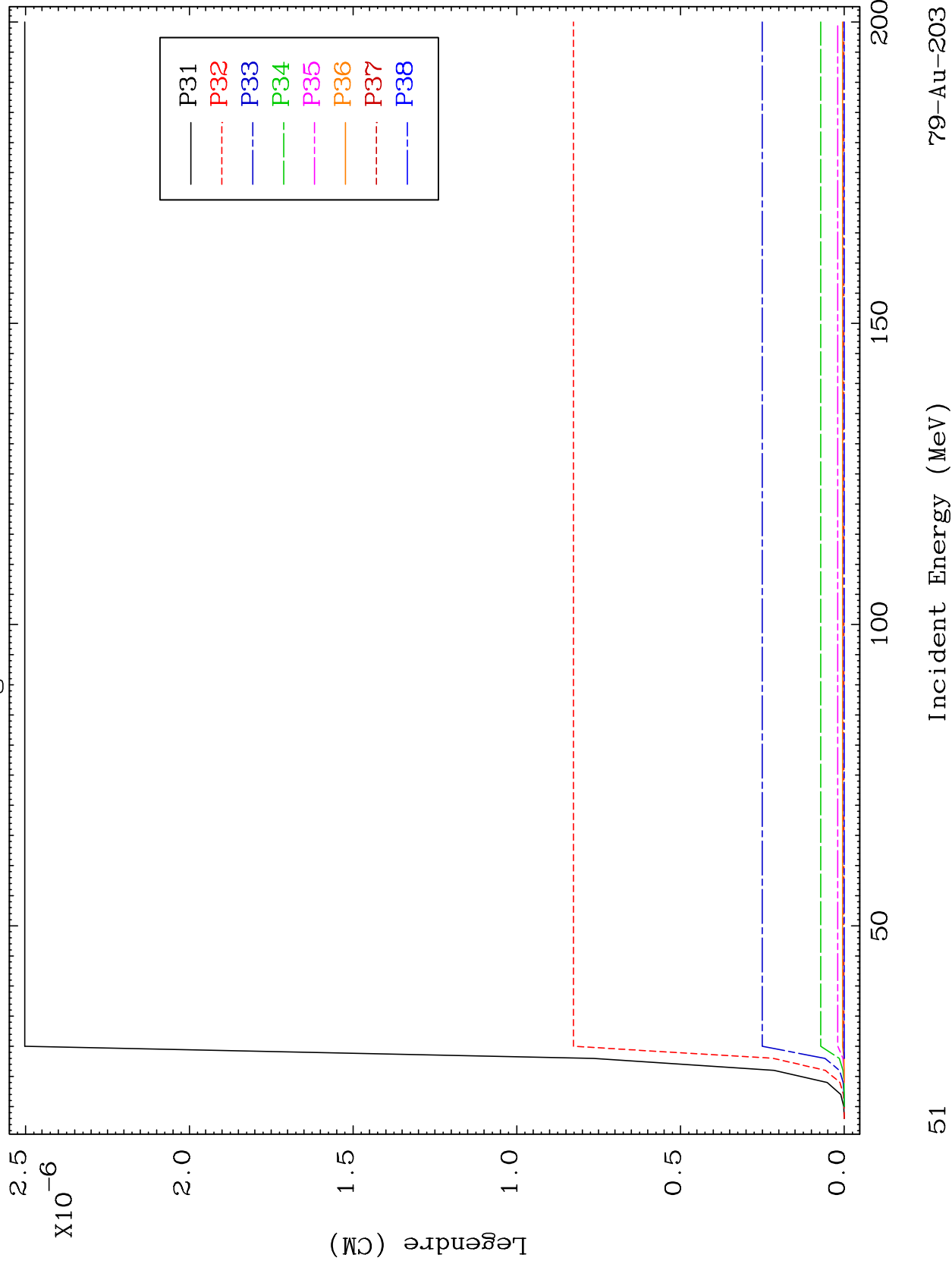
Incident Energy (MeV)

50

MAT 7943

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

79-Au-203



51

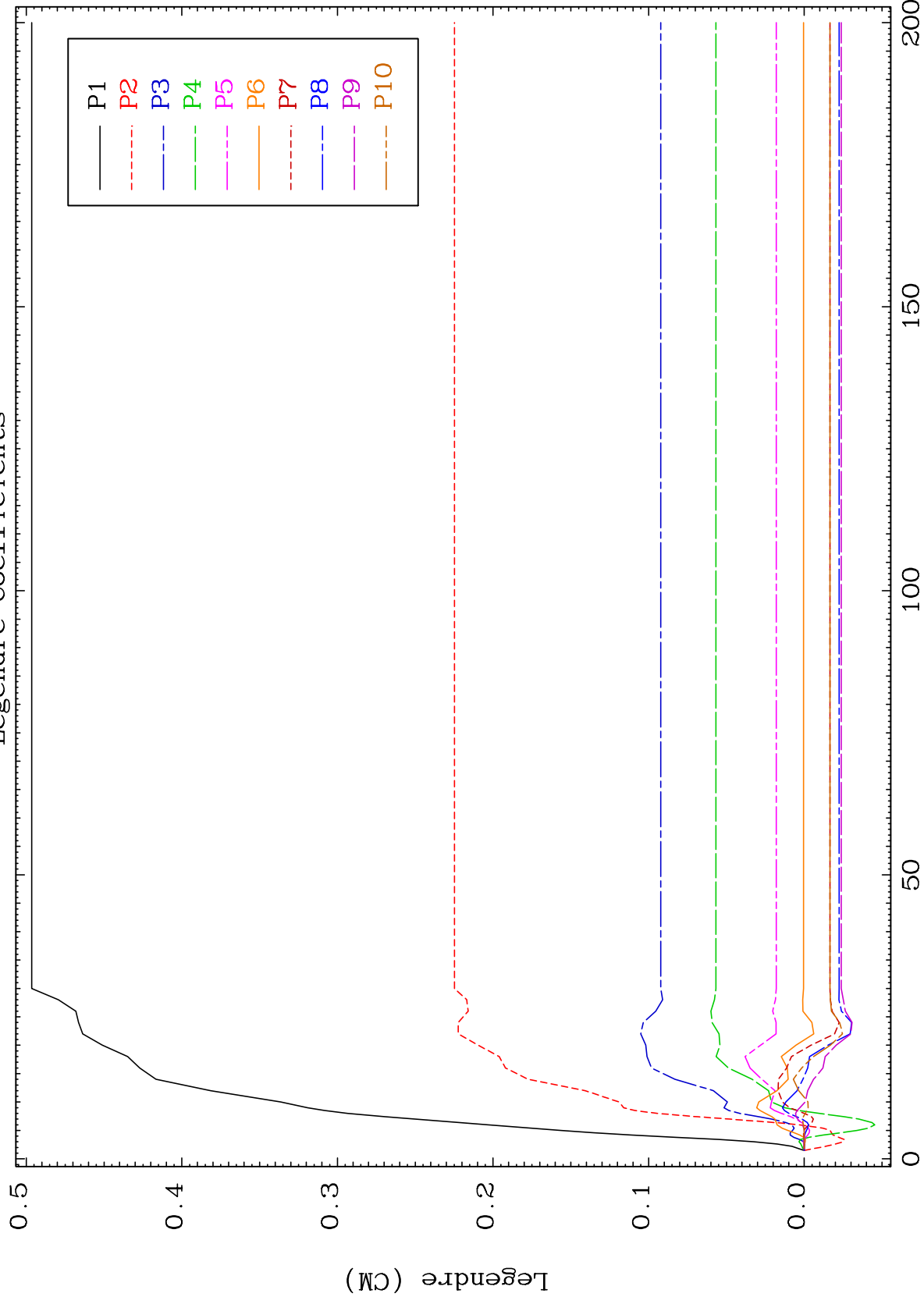
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



79-Au-203

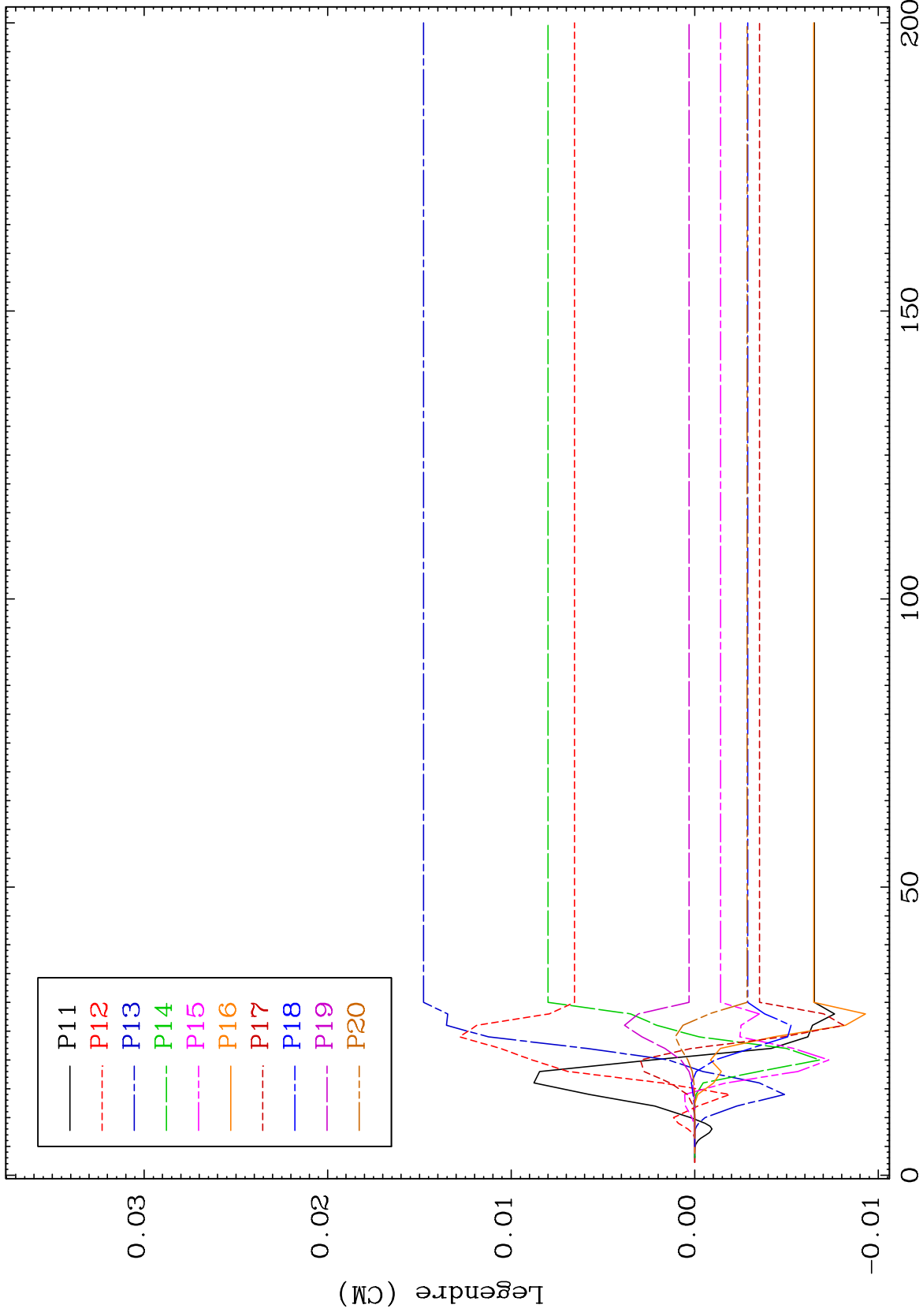
Incident Energy (MeV)

52

MAT 7943

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

79-Au-203



53

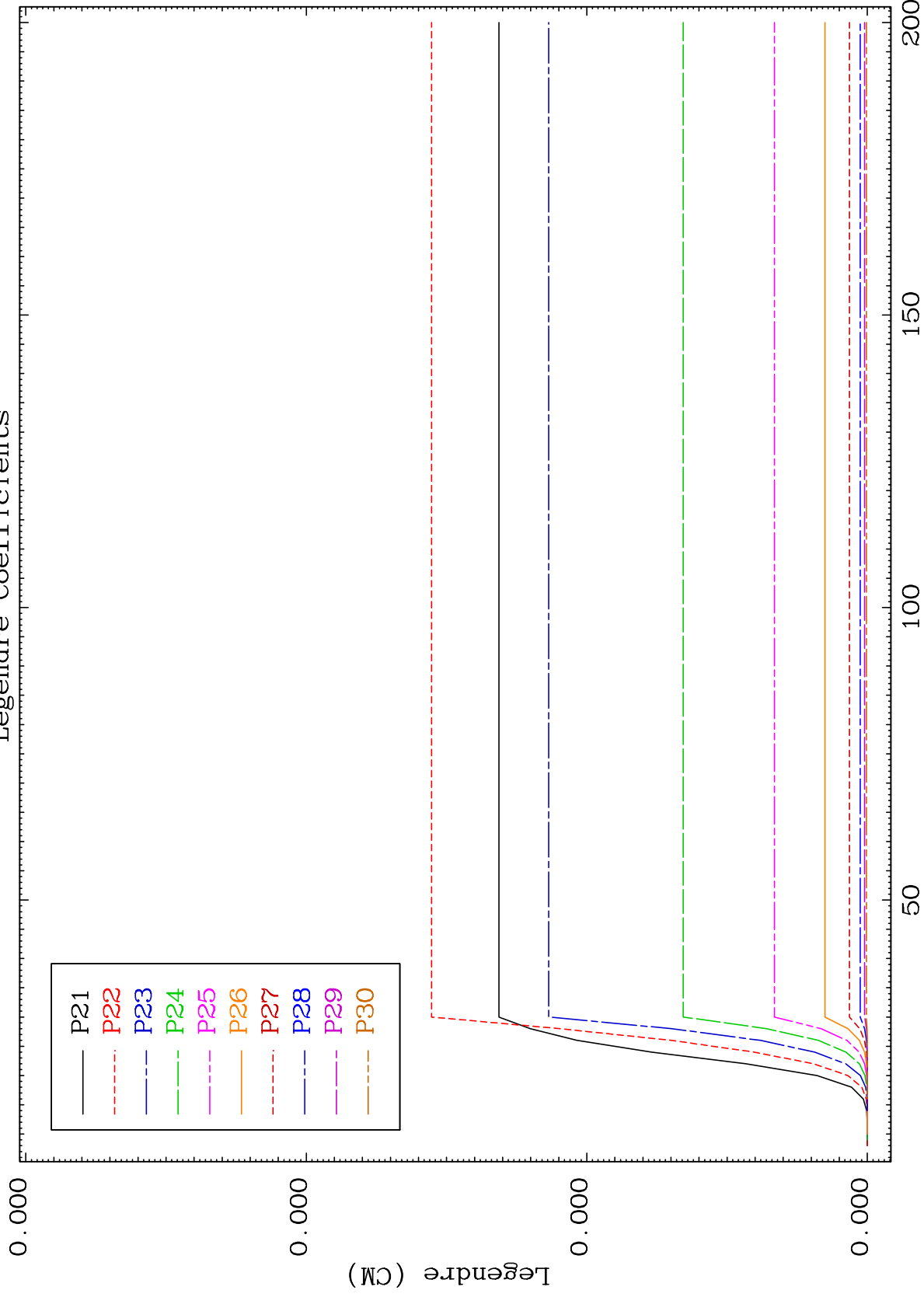
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



54

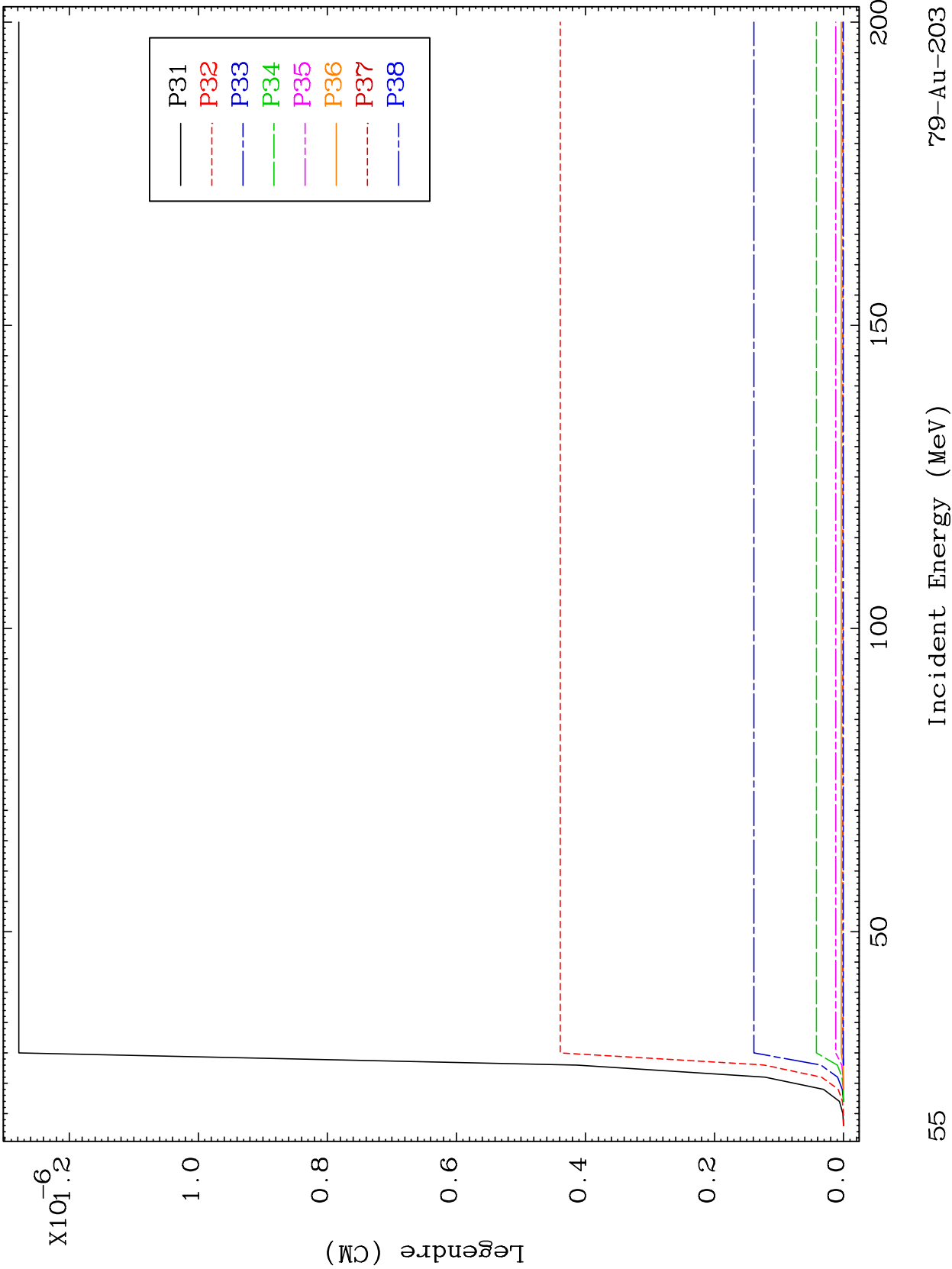
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



55

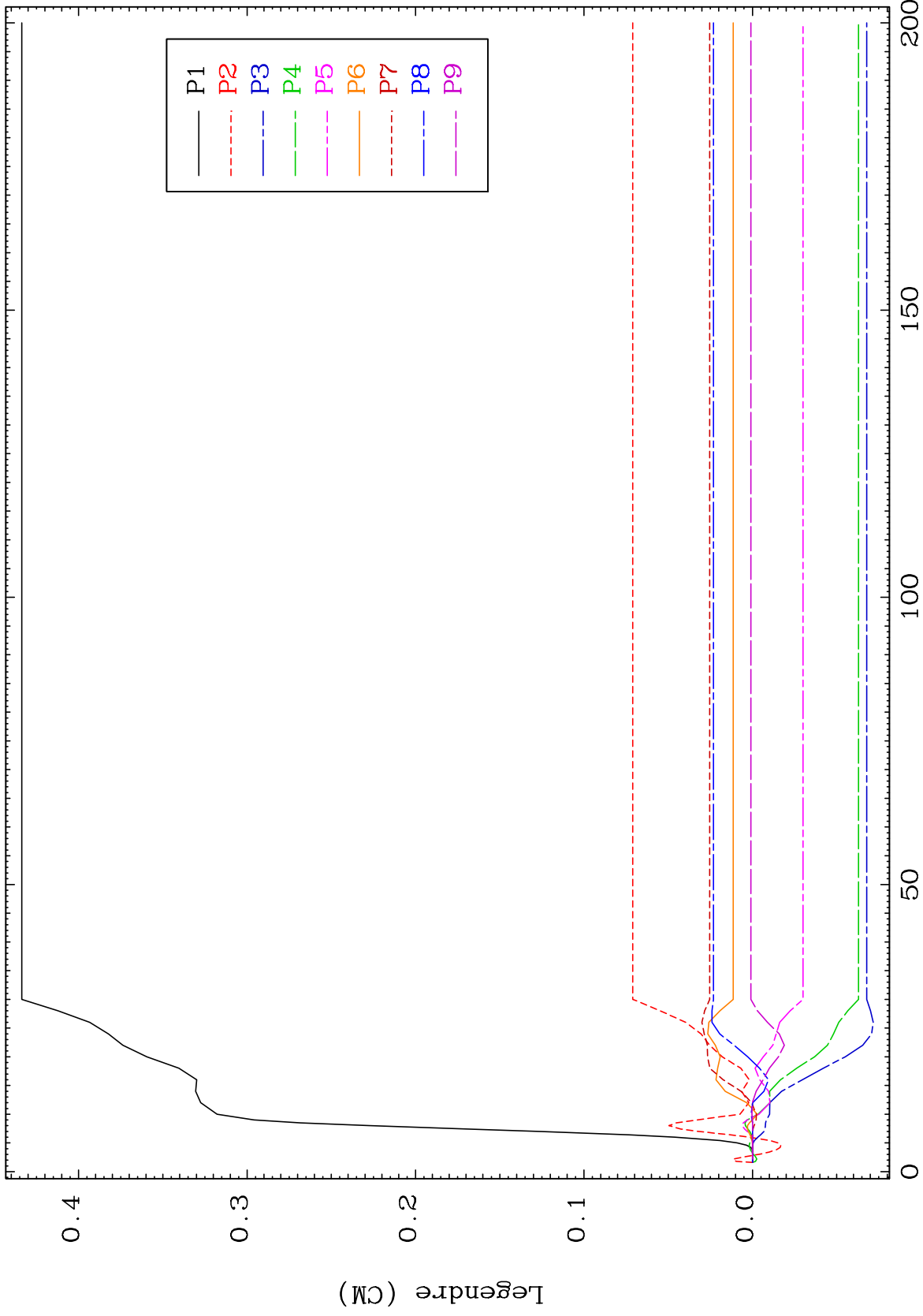
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



56

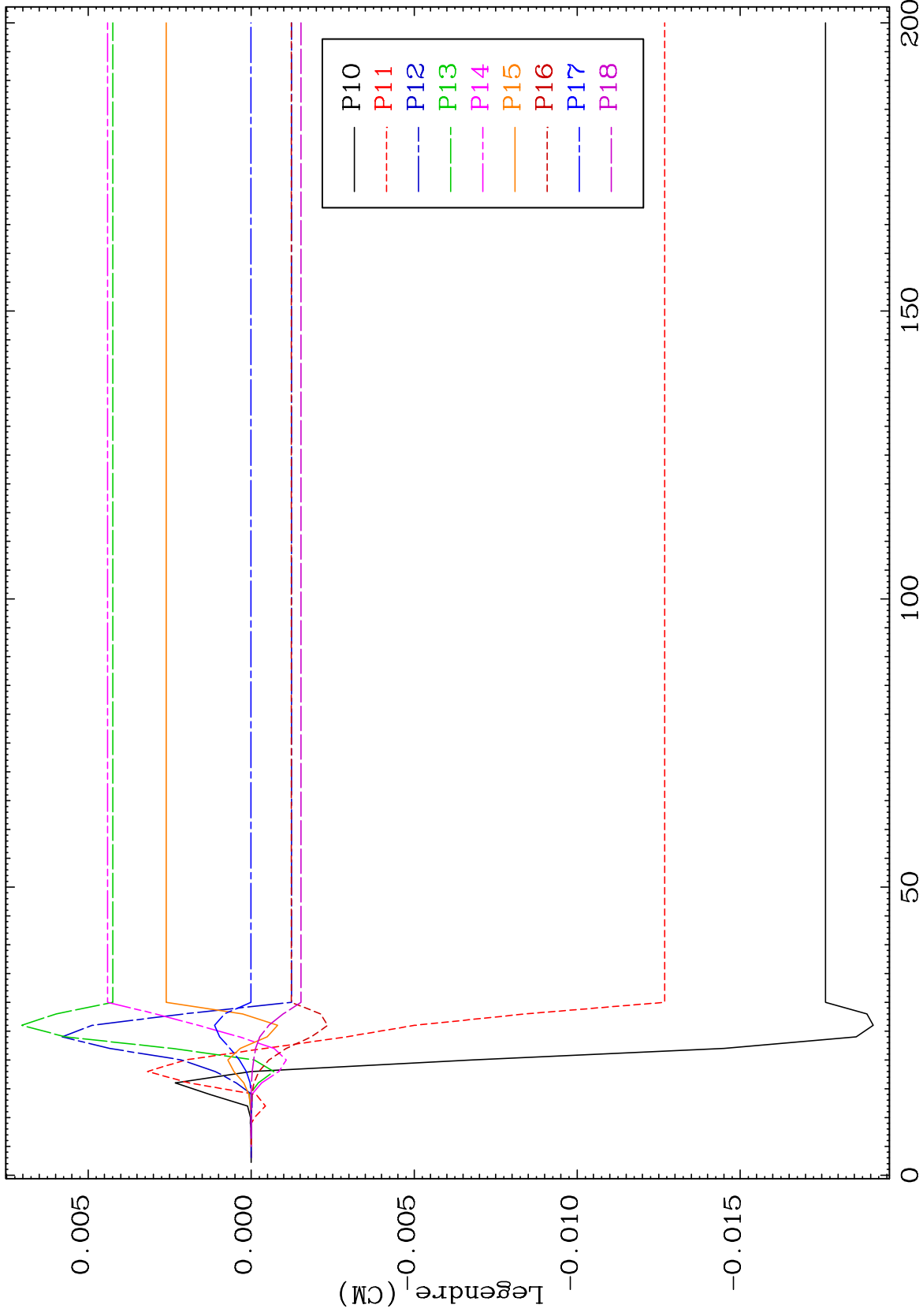
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



57

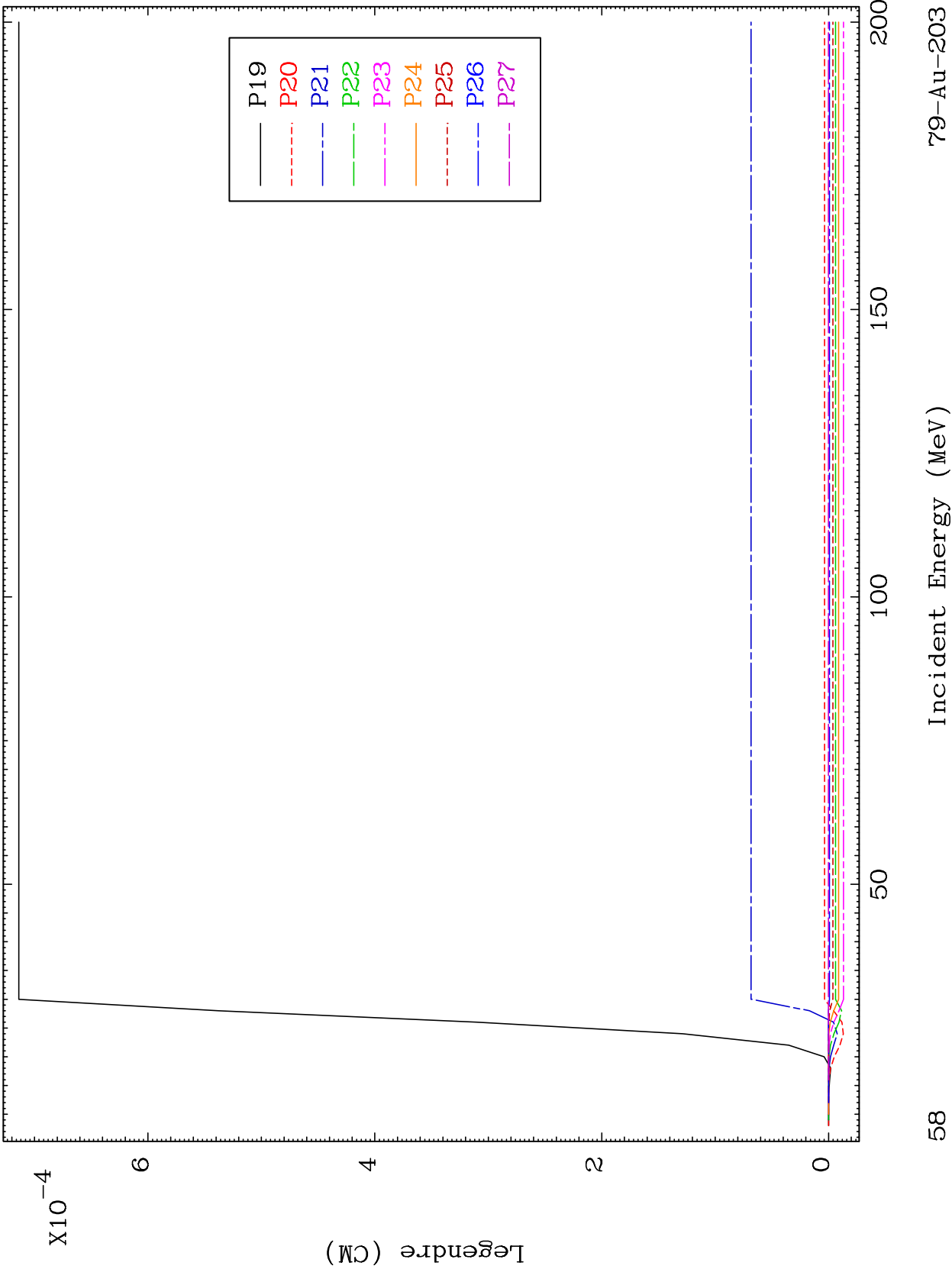
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



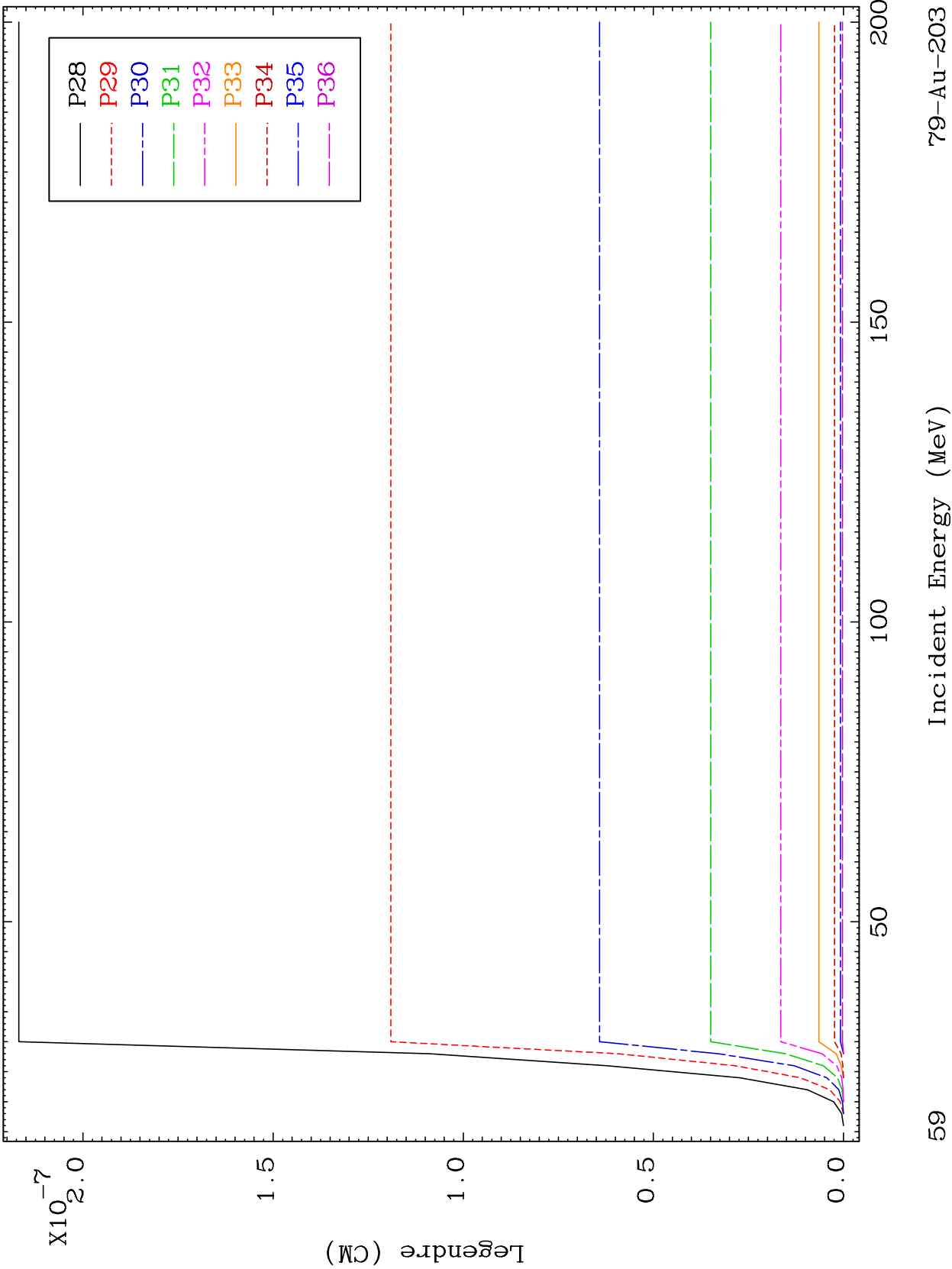
58

79-Au-203

MAT 7943

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

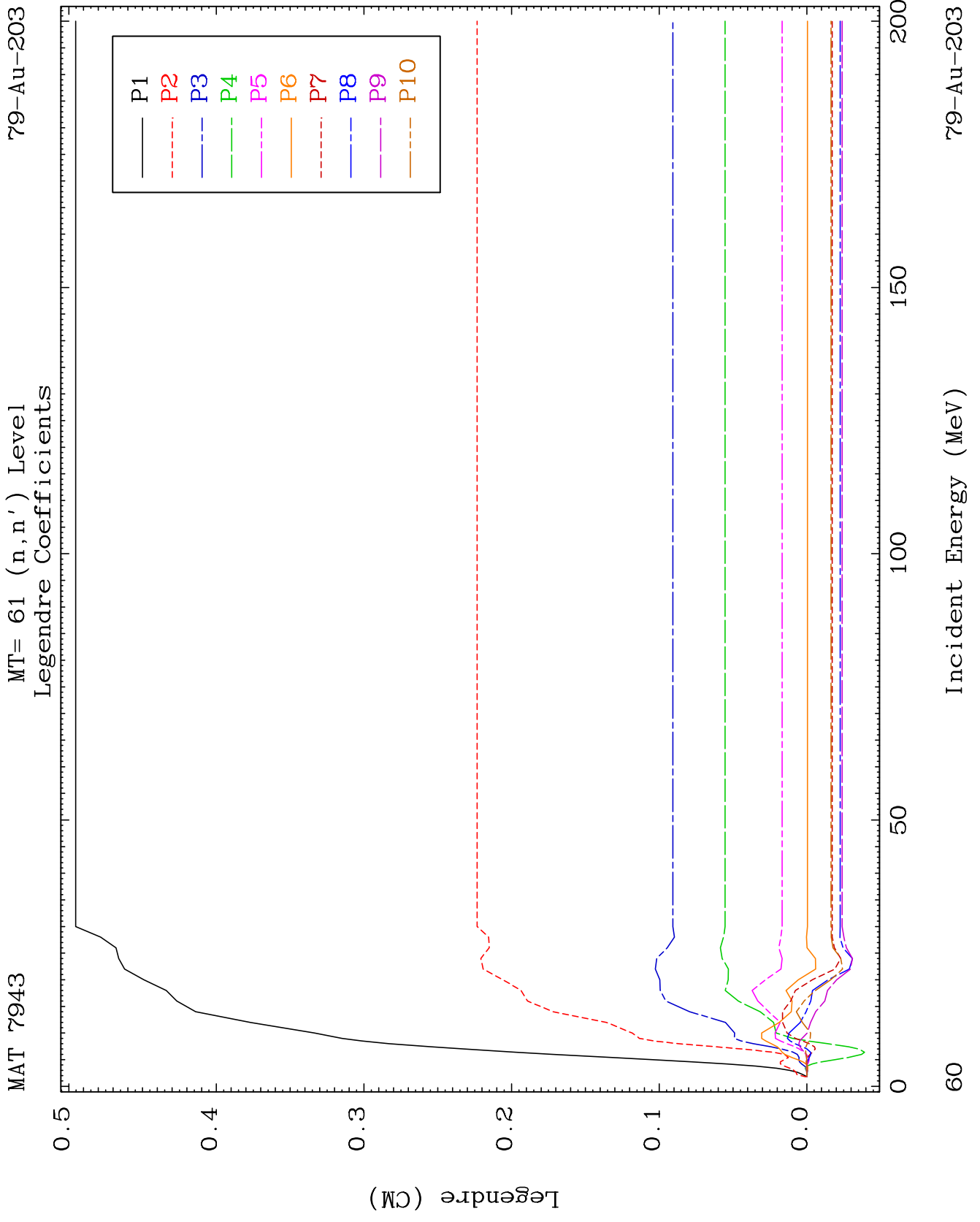
79-Au-203



59

Incident Energy (MeV)

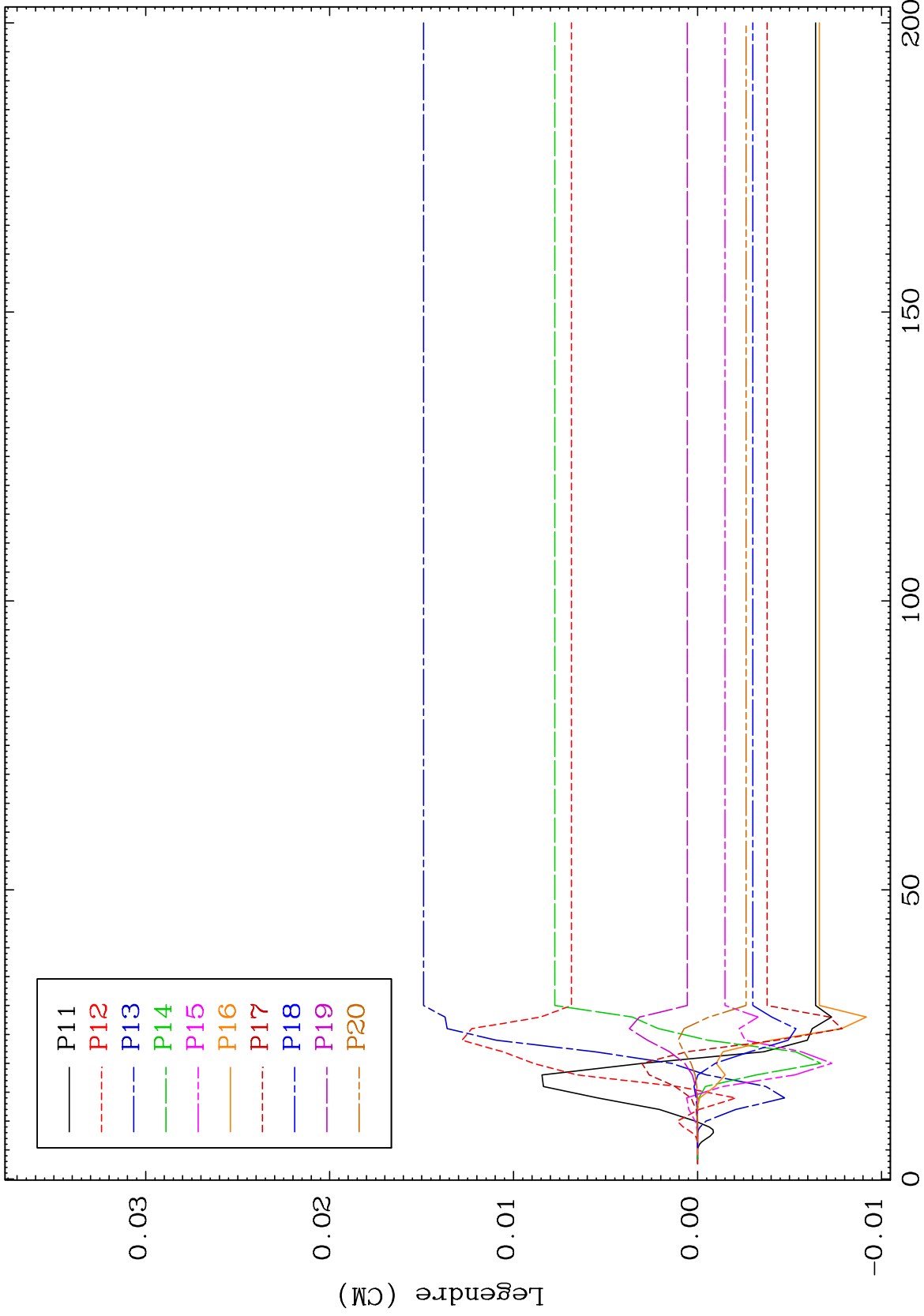
79-Au-203



MAT 7943

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

79-Au-203



61

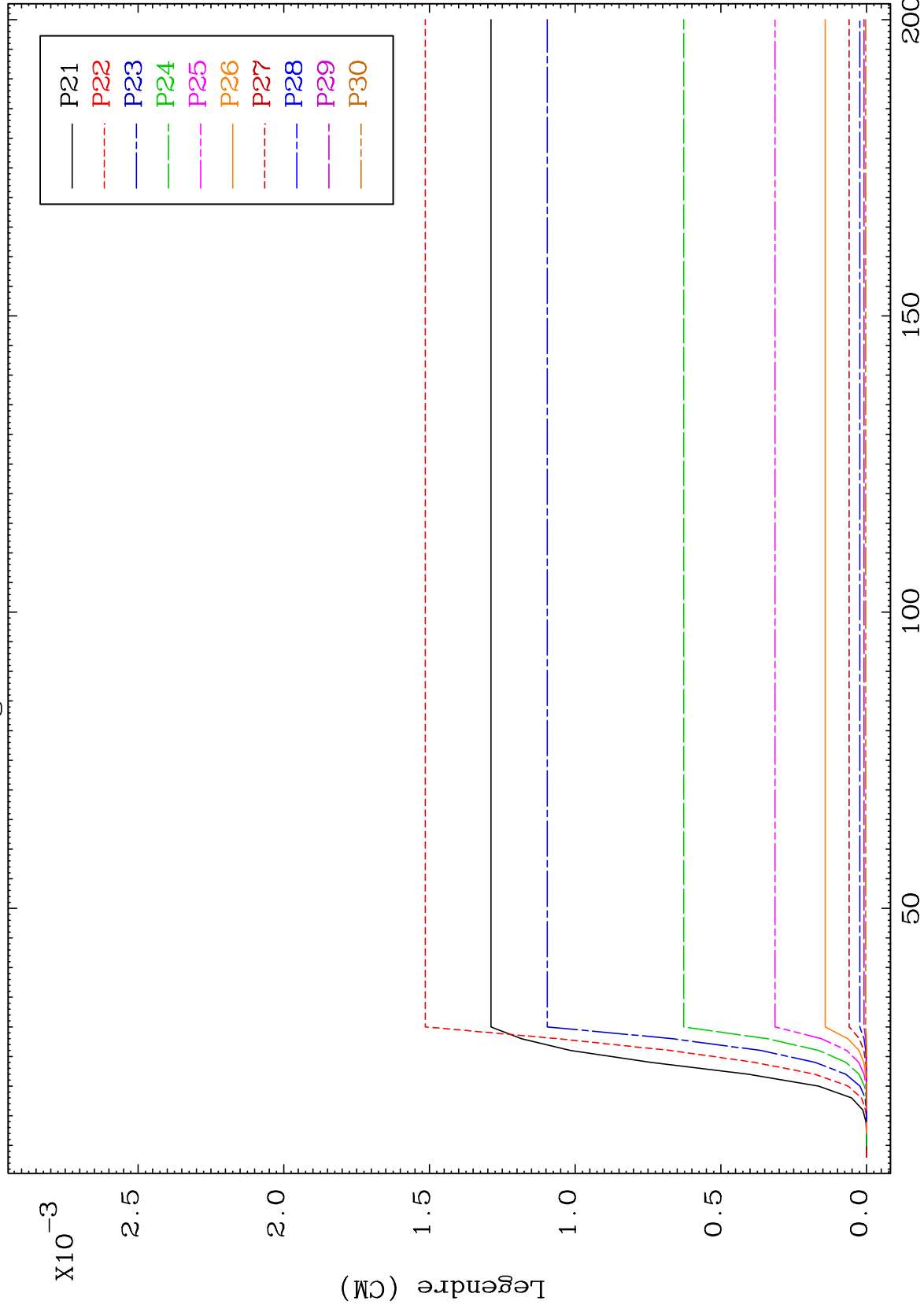
Incident Energy (MeV)

79-Au-203

MAT 7943

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

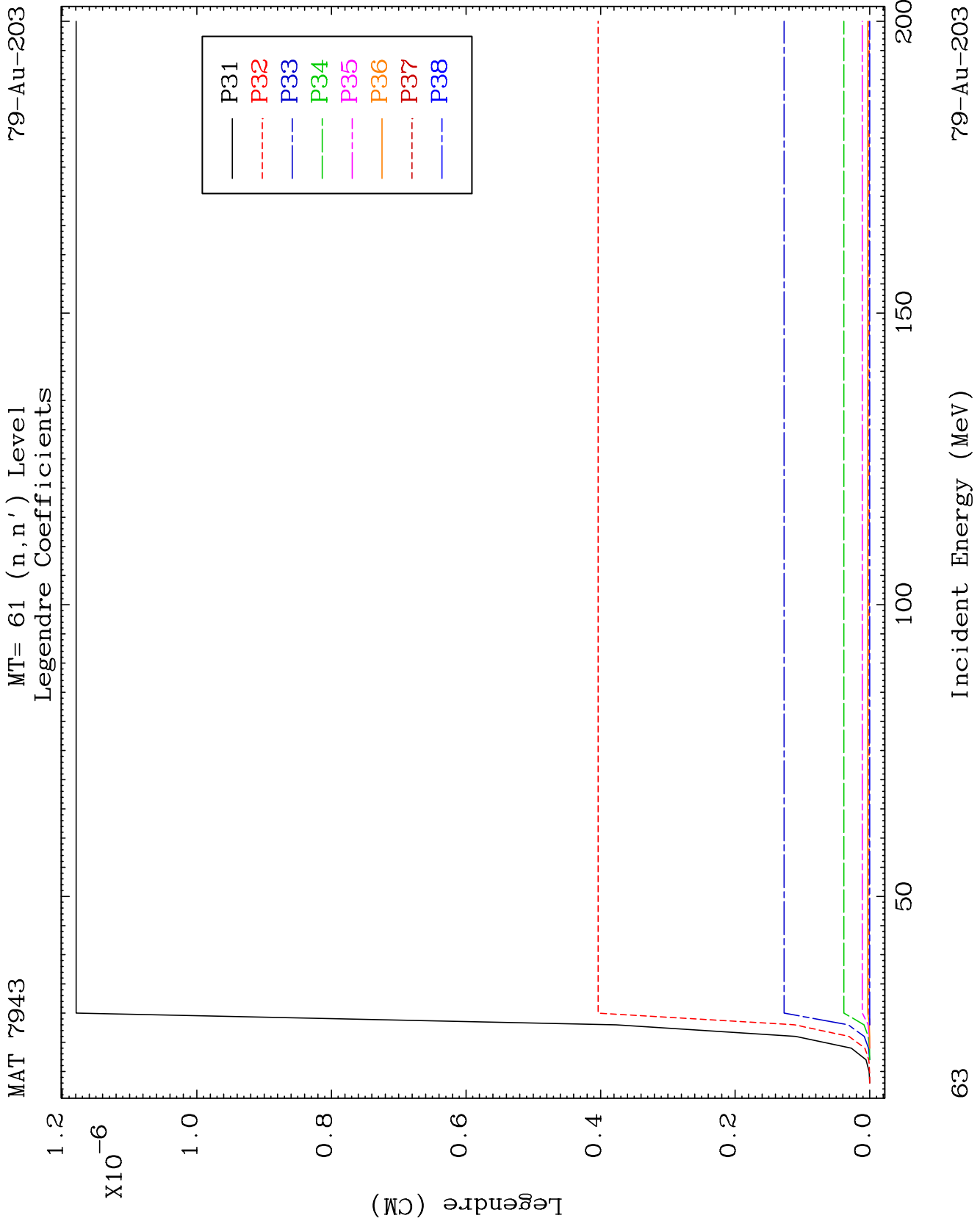
79-Au-203



62

Incident Energy (MeV)

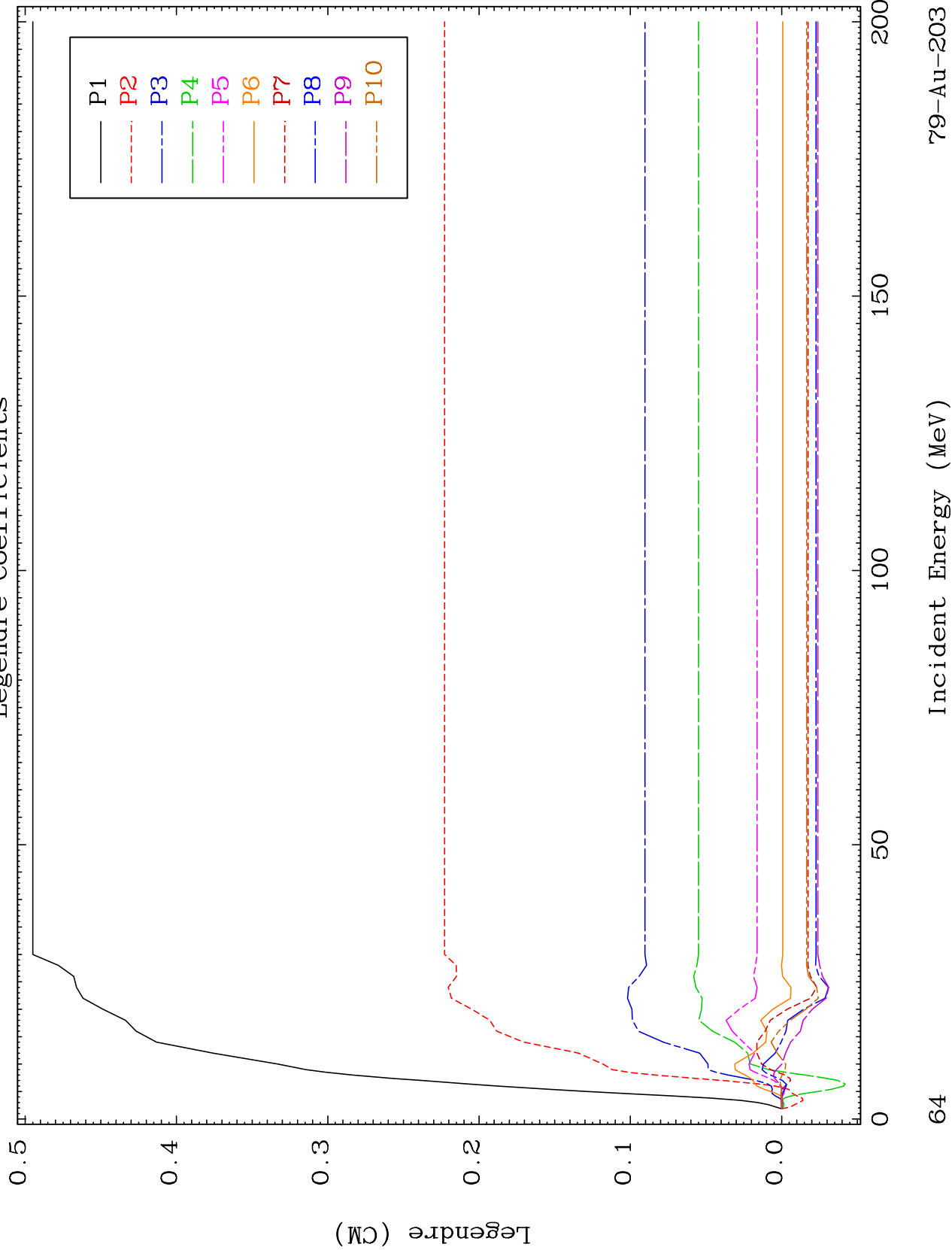
79-Au-203



MAT 7943

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

79-Au-203



79-Au-203

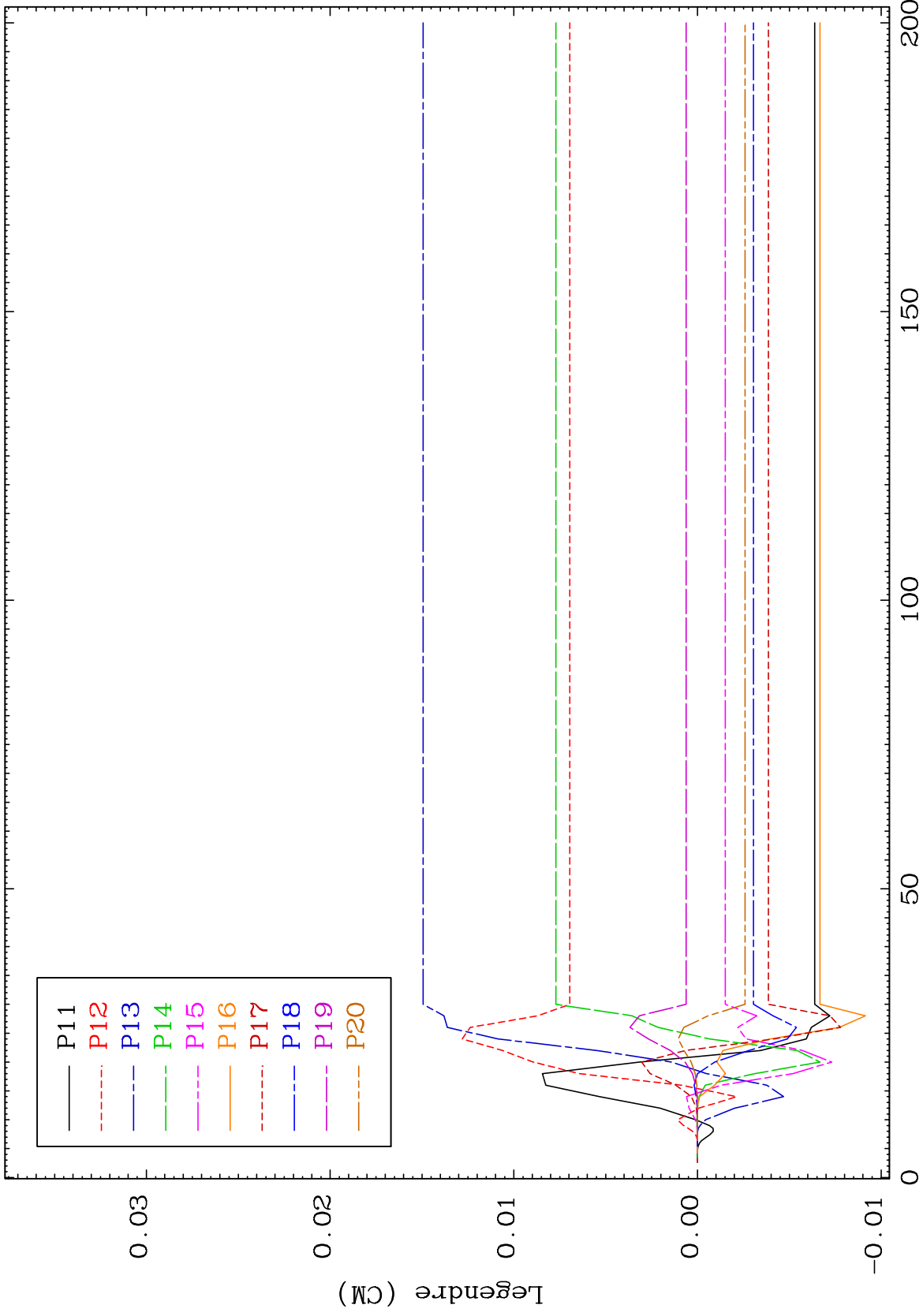
Incident Energy (MeV)

64

MAT 7943

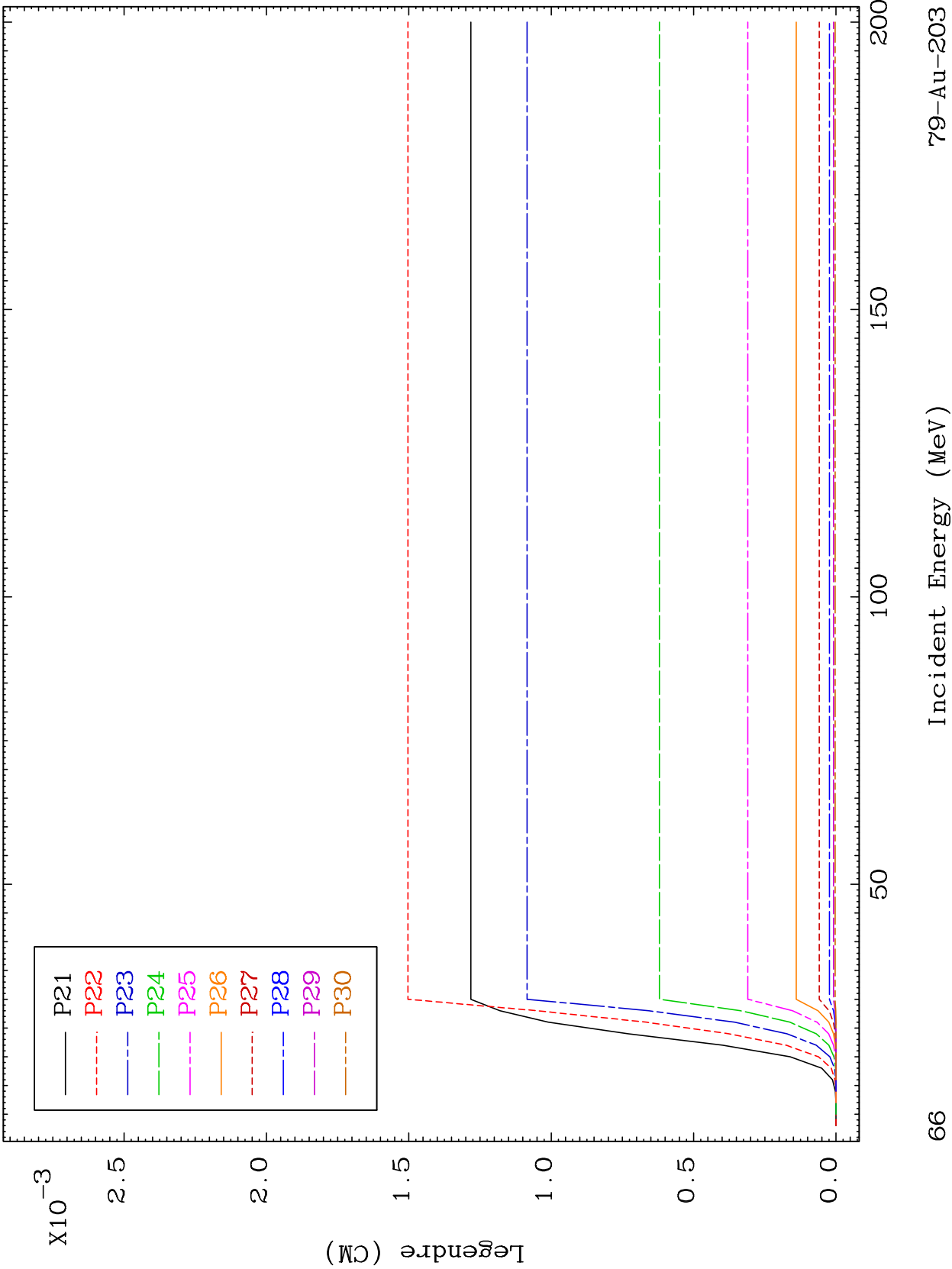
MT= 62 (n,n') Level
Legendre Coefficients

79-Au-203



65

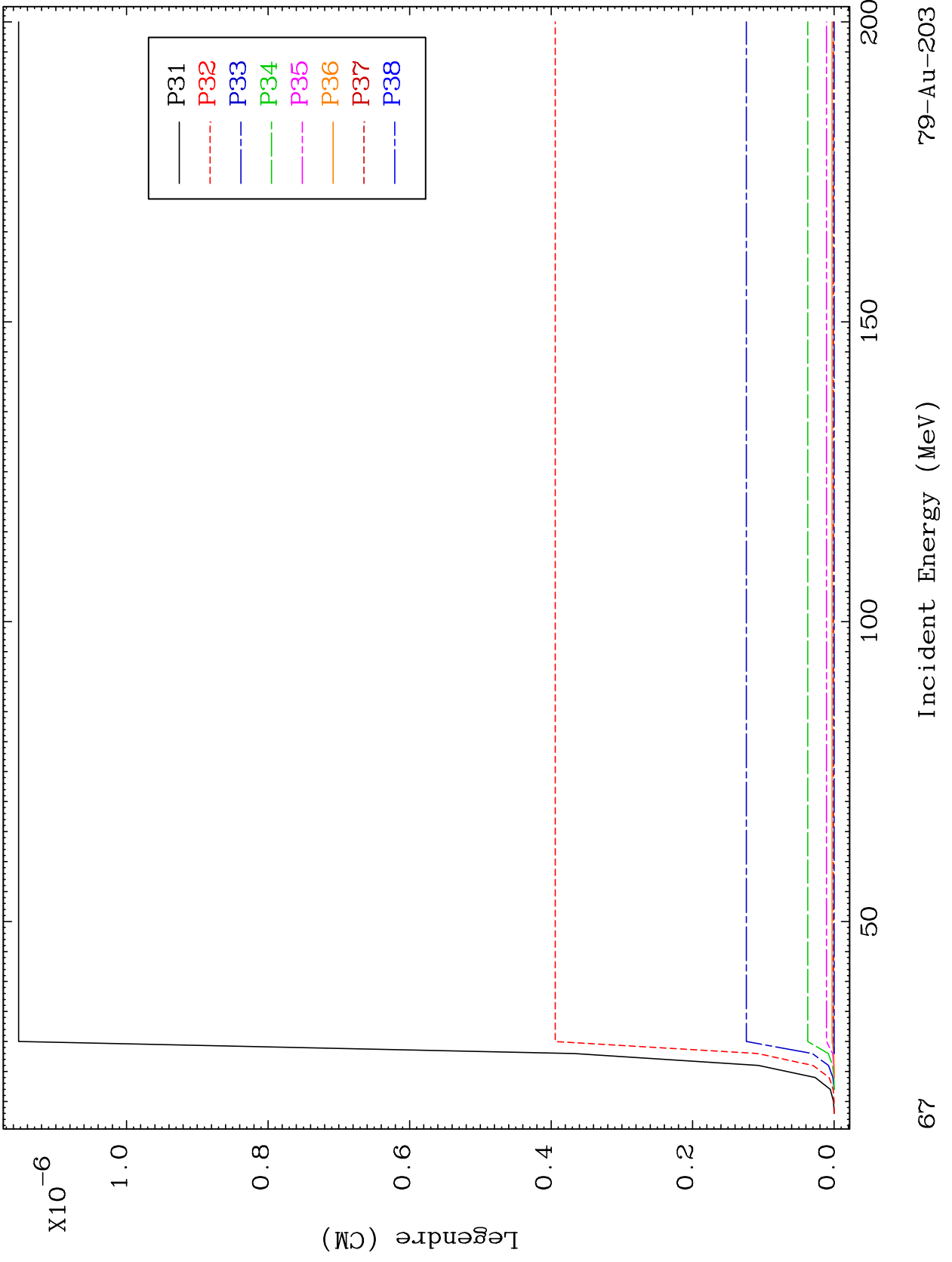
79-Au-203



MAT 7943

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

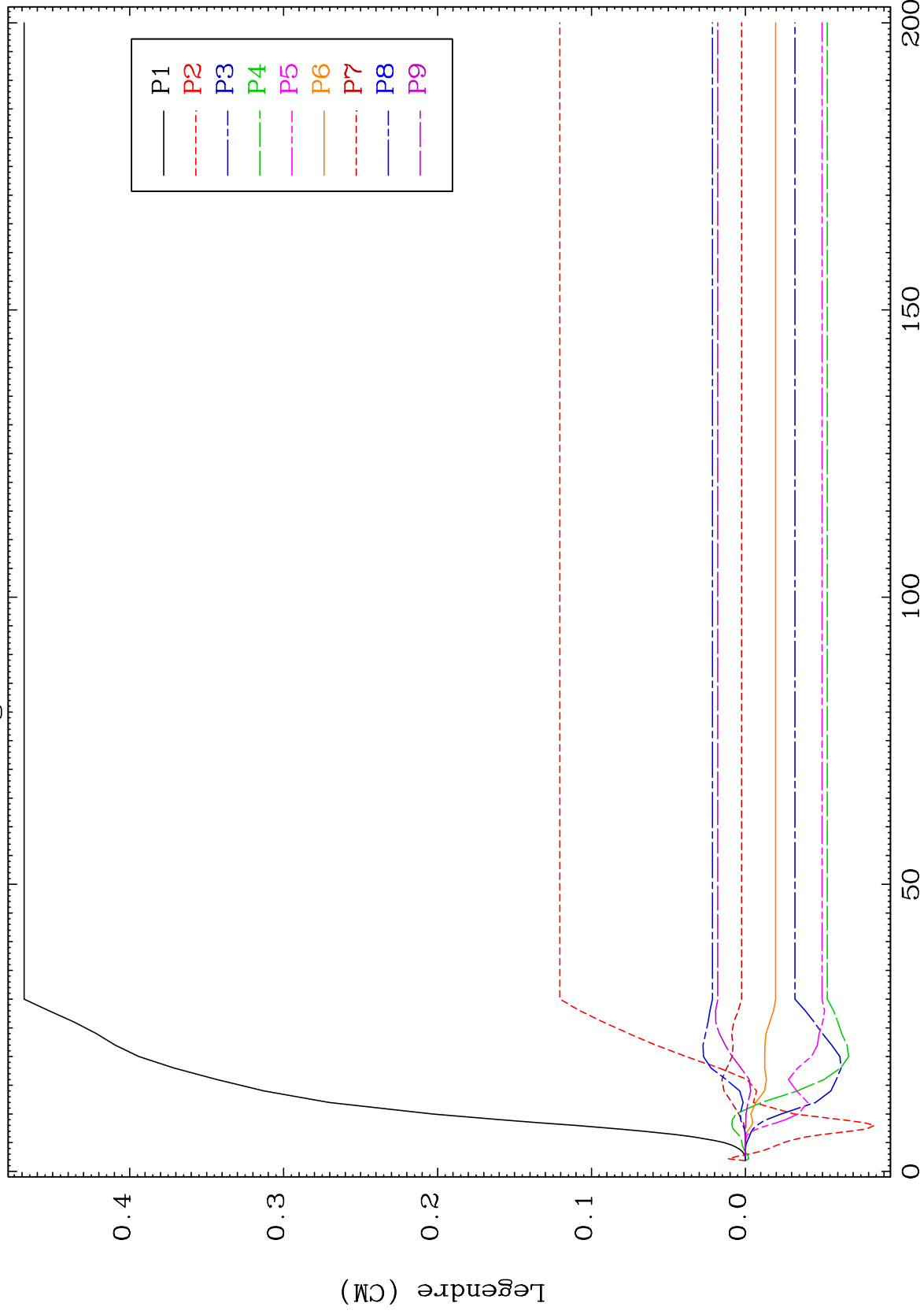
79-Au-203



MAT 7943

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

79-Au-203



68

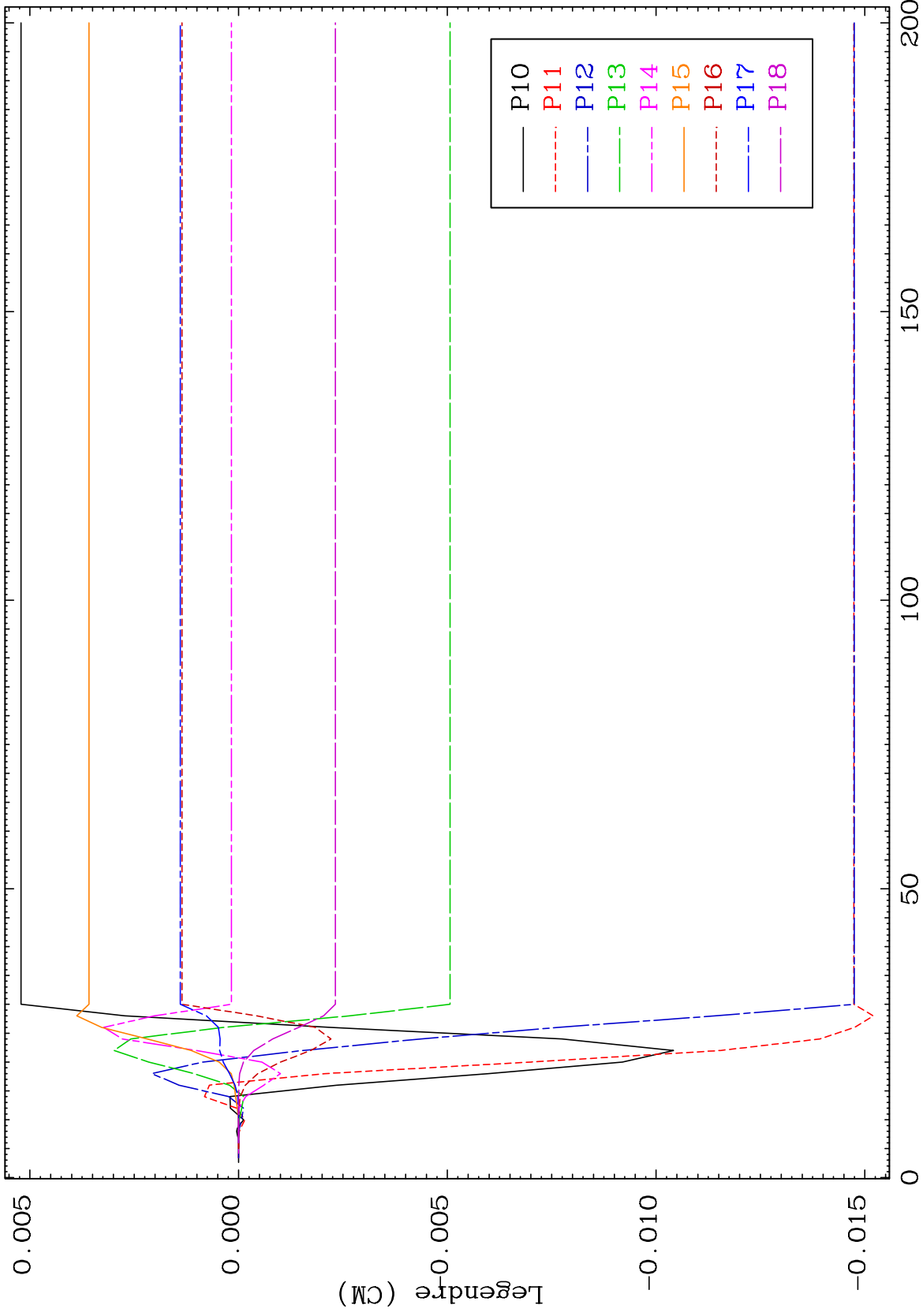
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



69

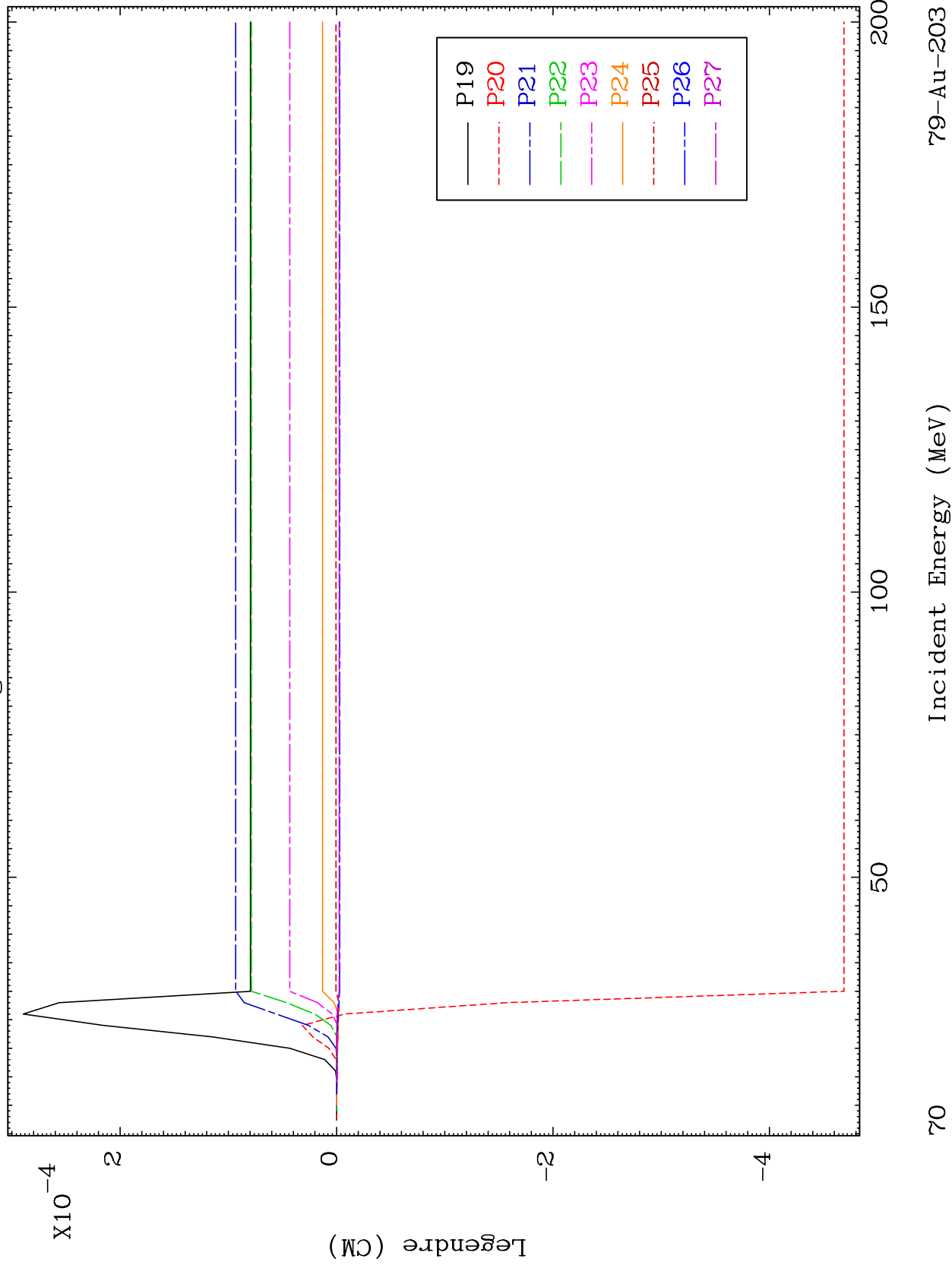
Incident Energy (MeV)

79-Au-203

MAT 7943

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

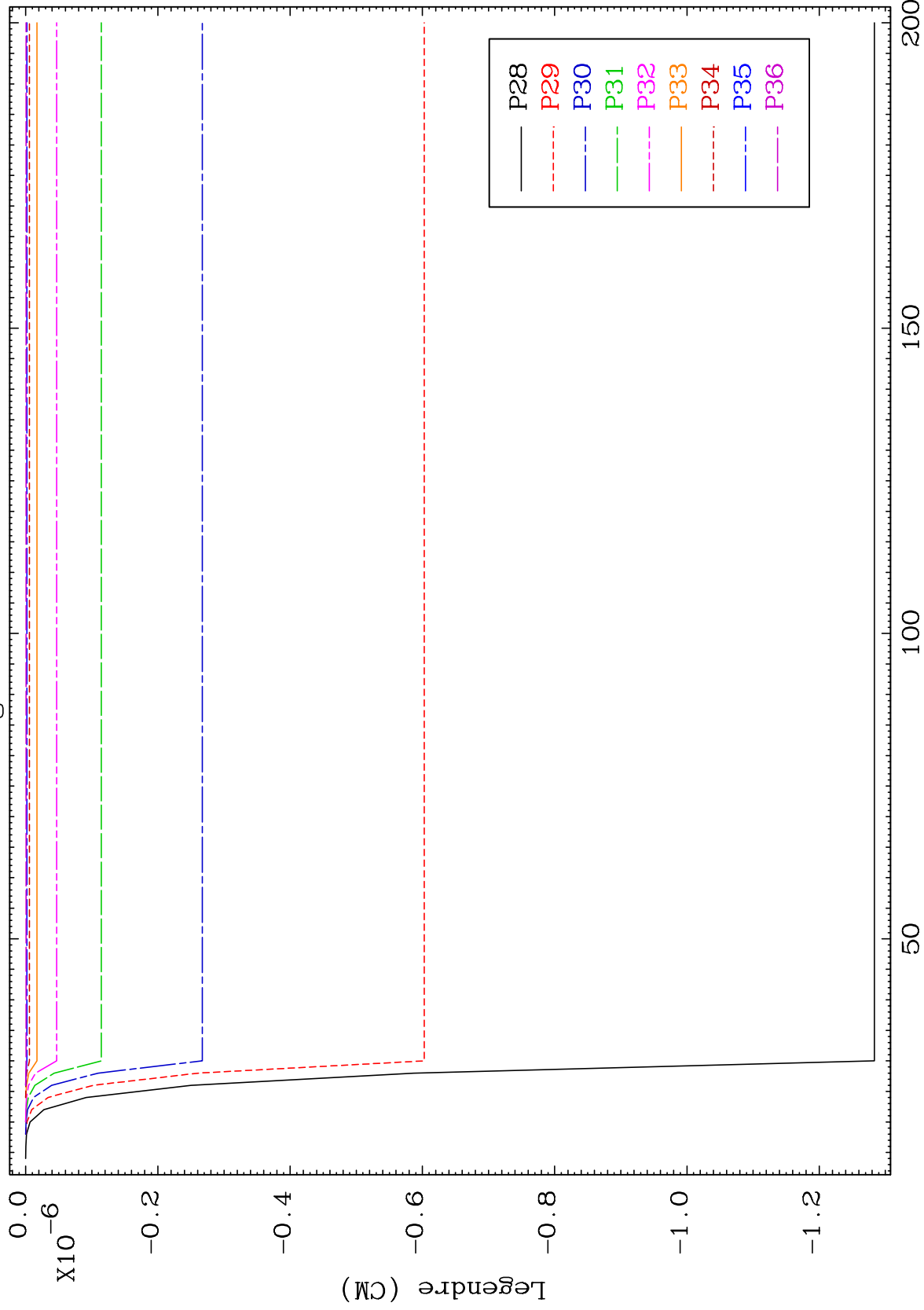
79-Au-203



MAT 7943

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

79-Au-203



71

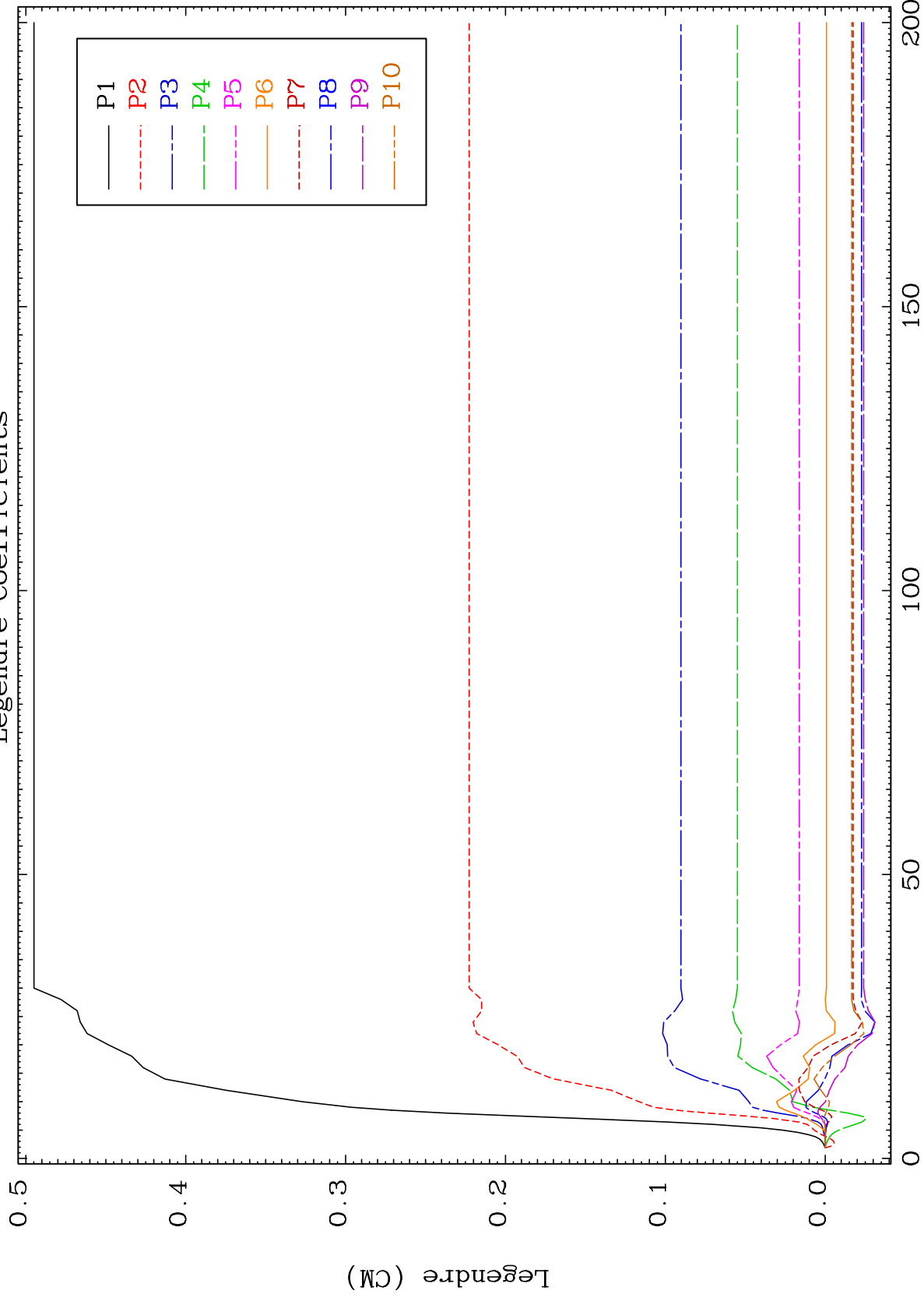
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



72

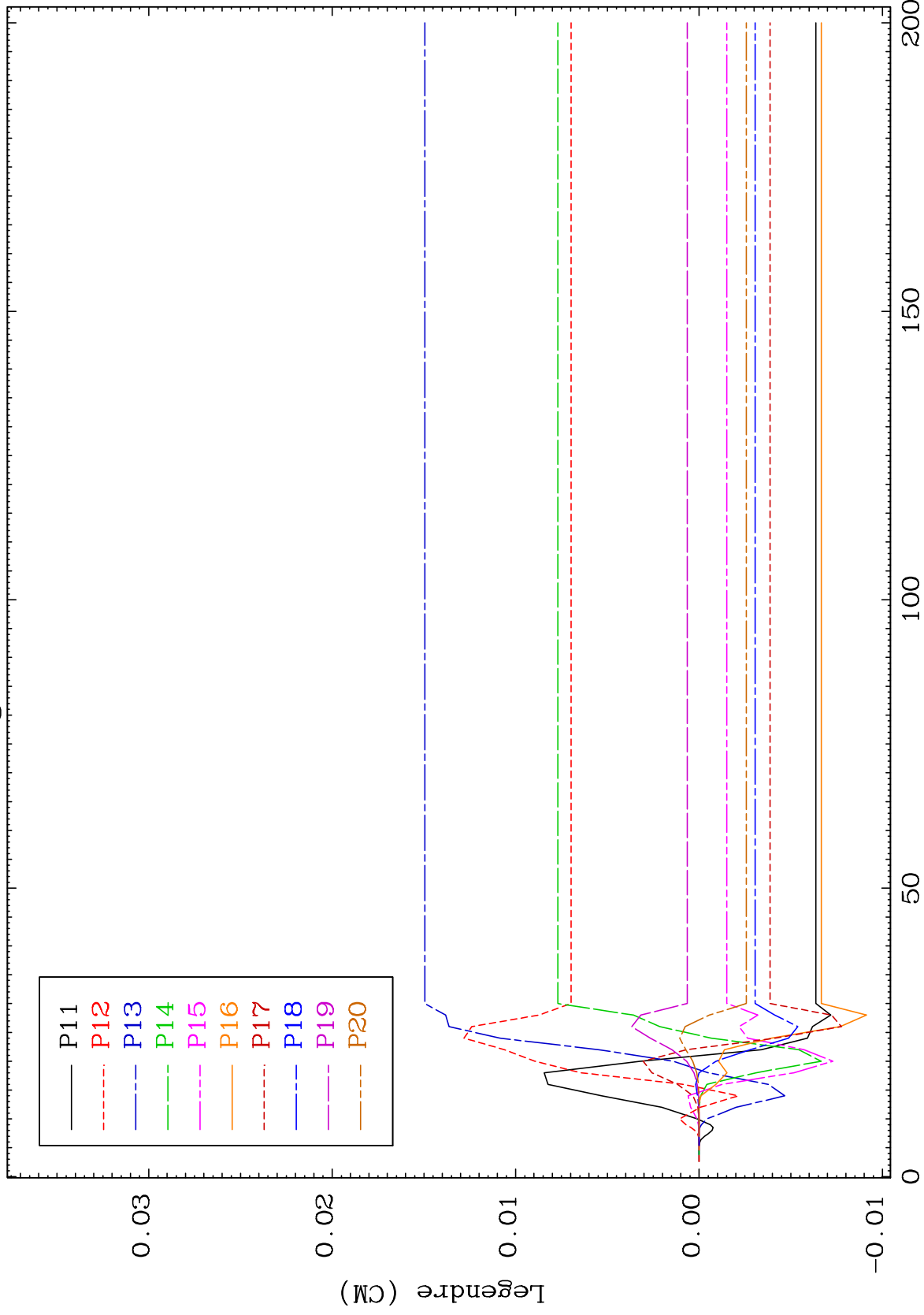
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



73

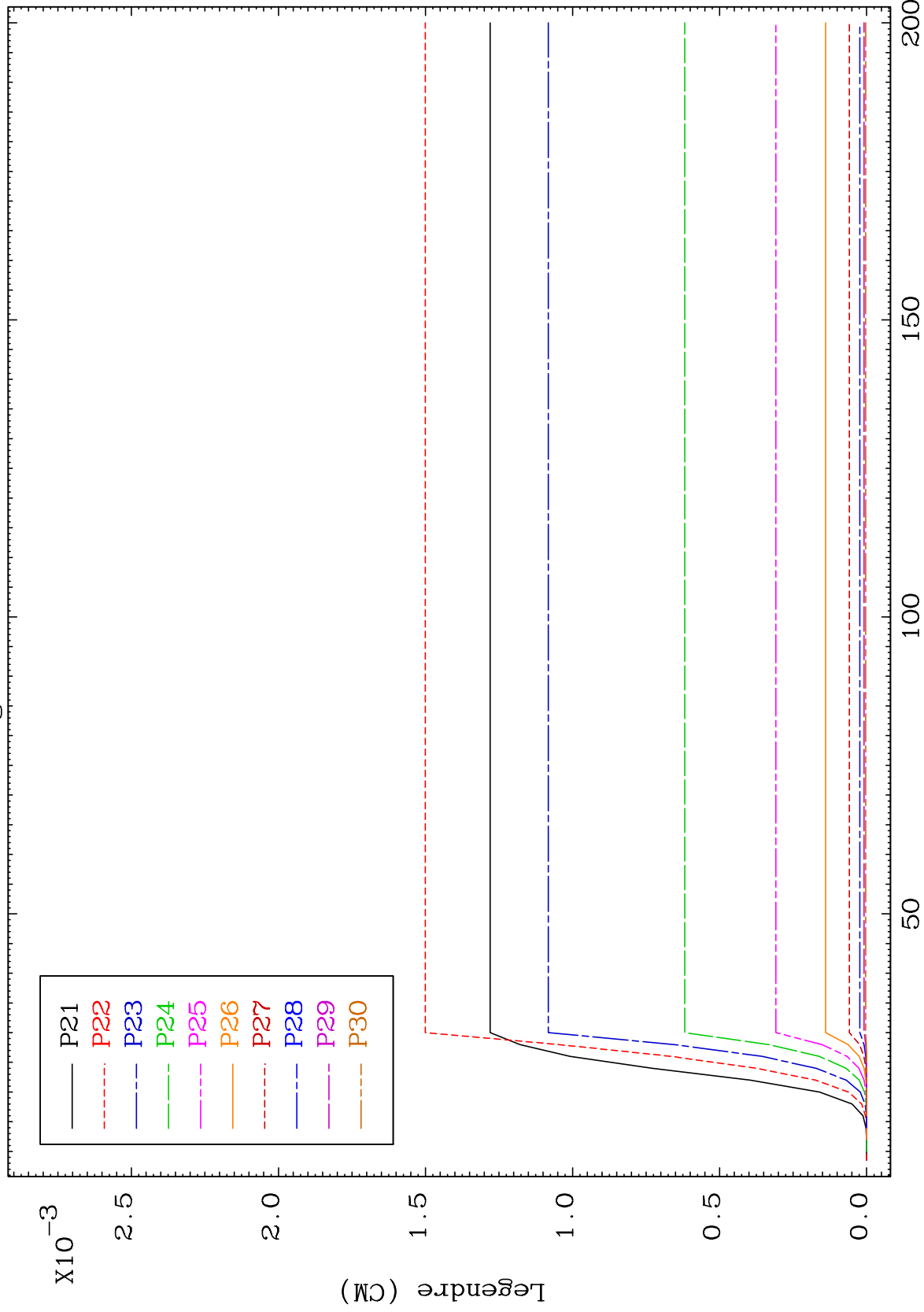
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



74

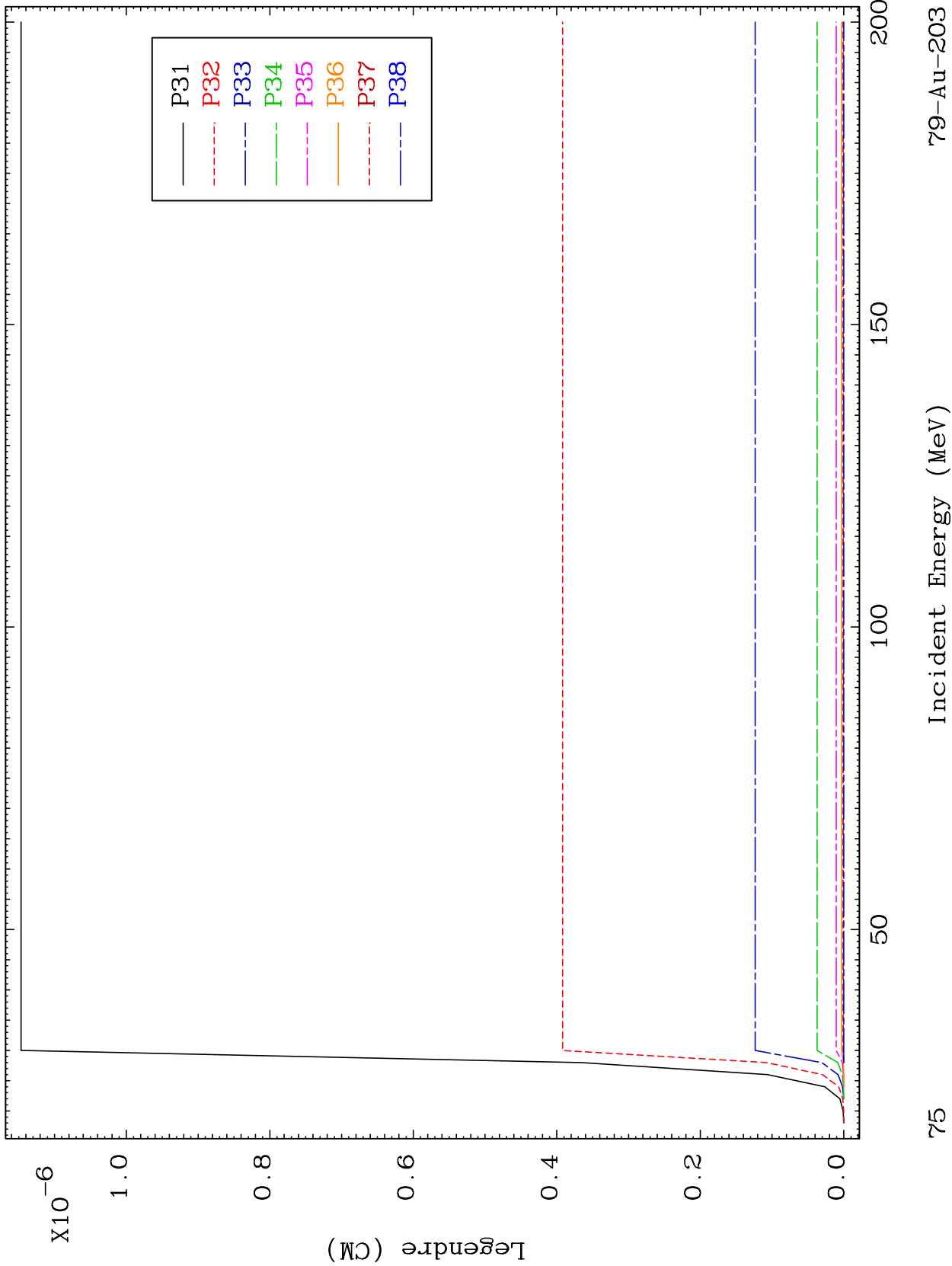
Incident Energy (MeV)

79-Au-203

MAT 7943

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

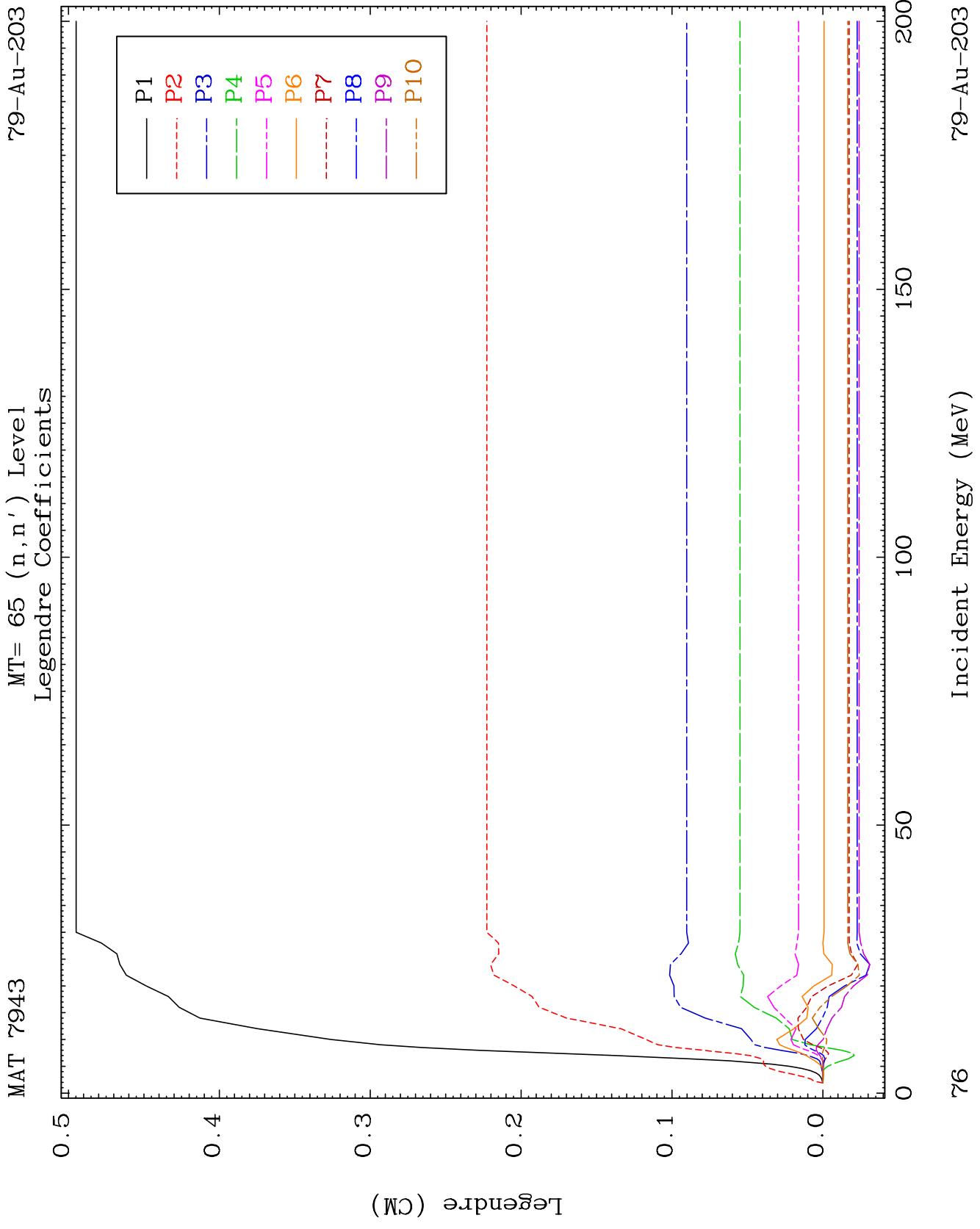
79-Au-203



75

Incident Energy (MeV)

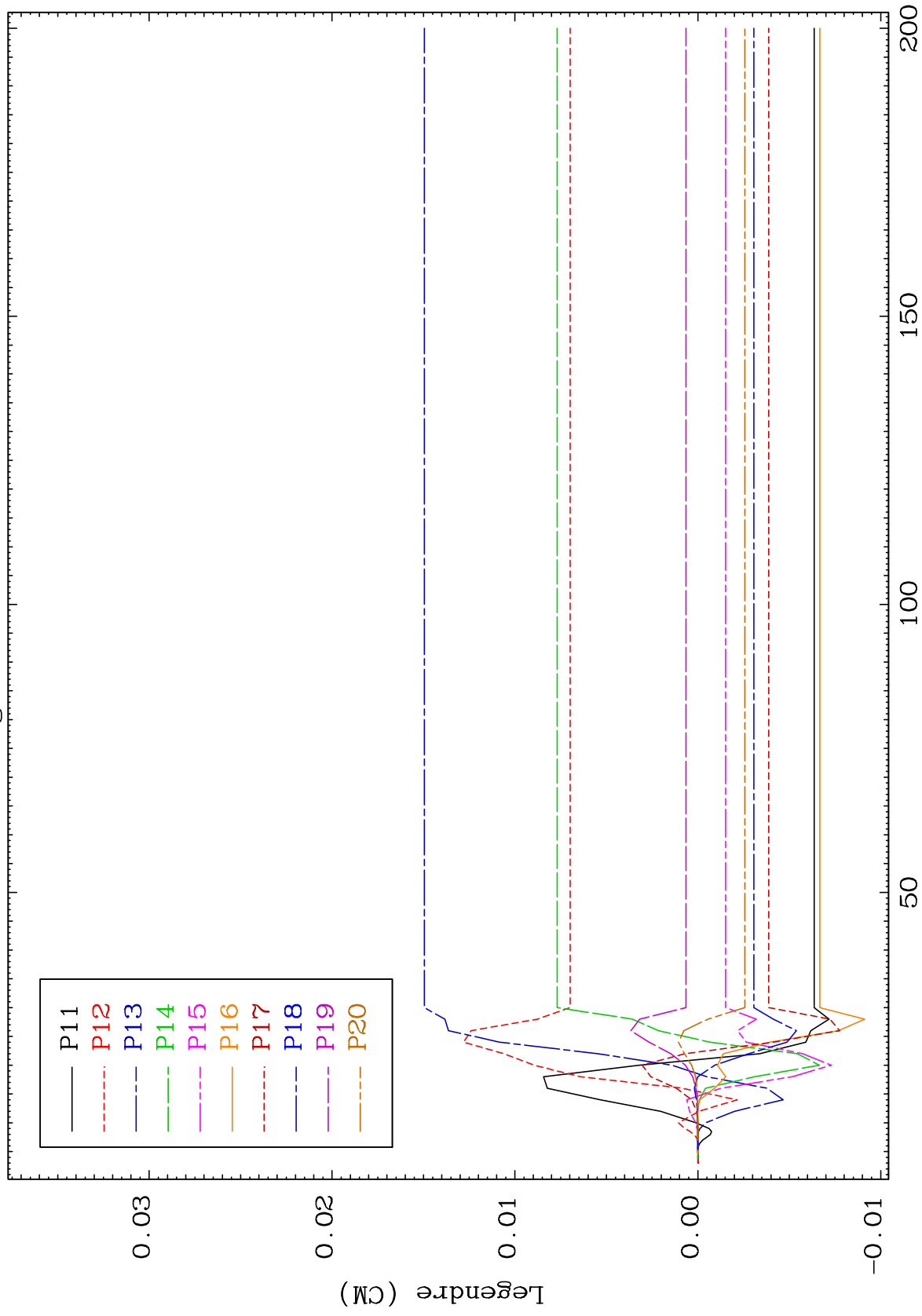
79-Au-203



MAT 7943

79-Au-203

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



77

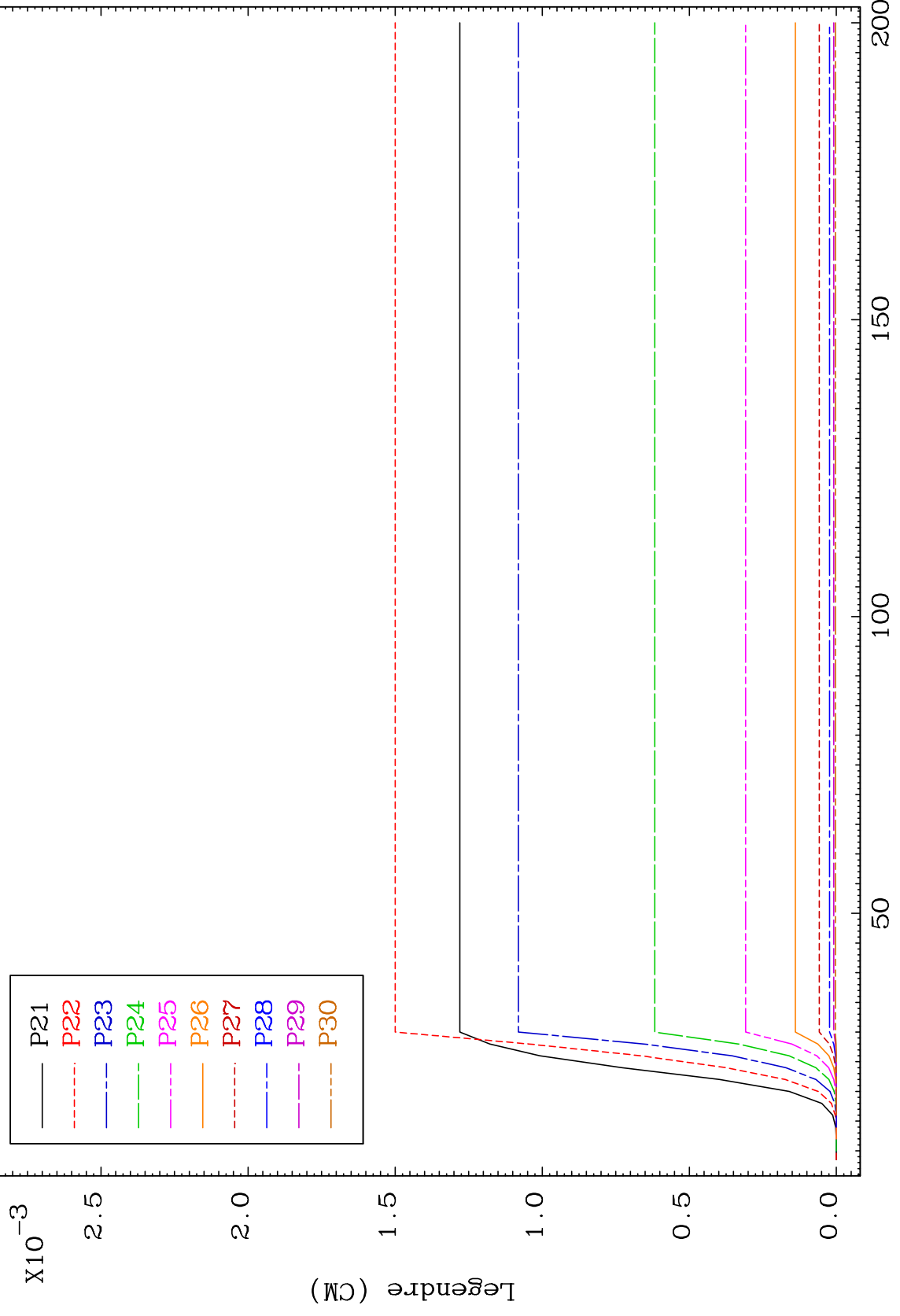
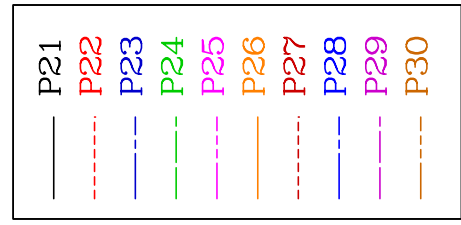
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



78

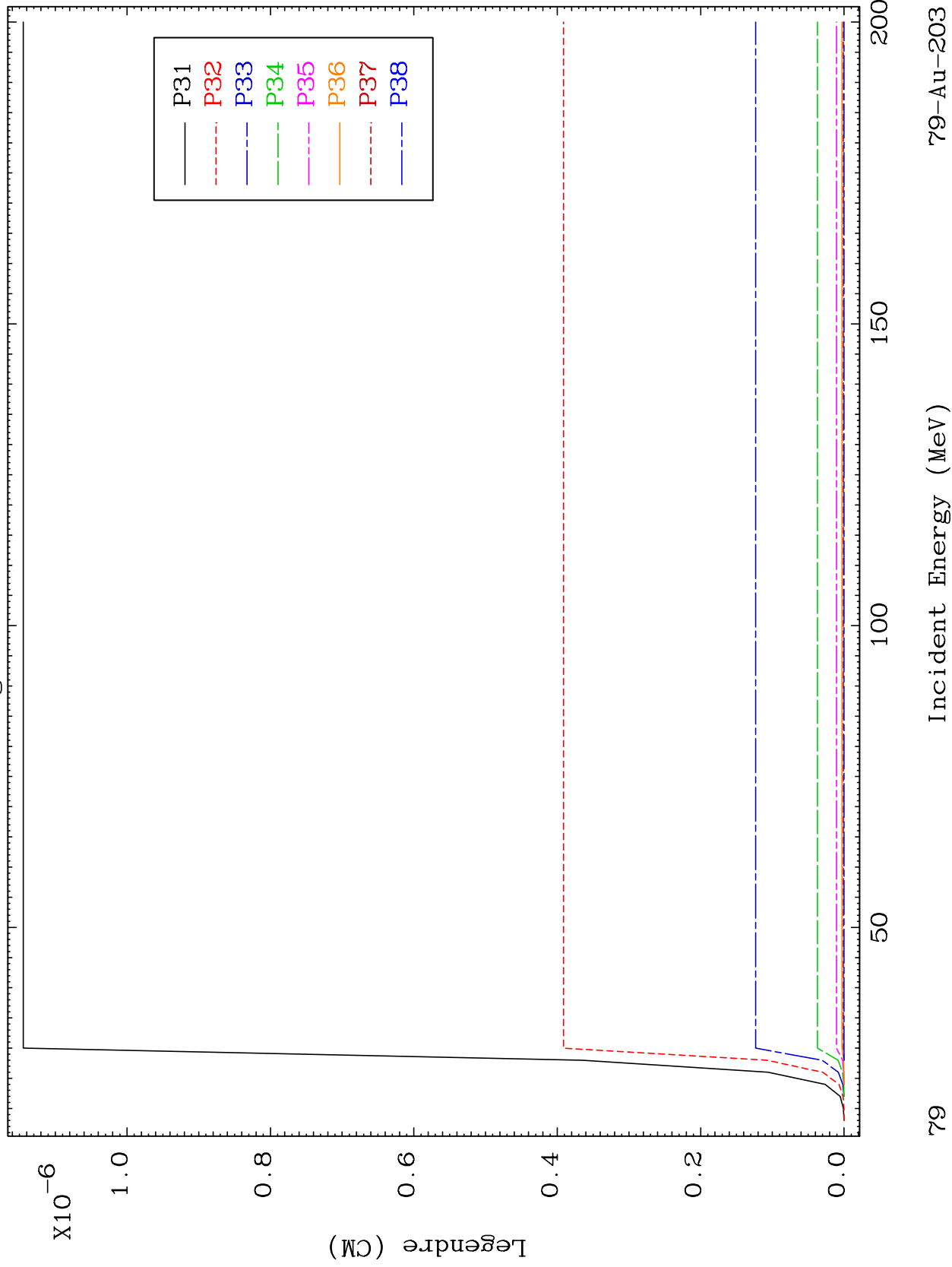
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



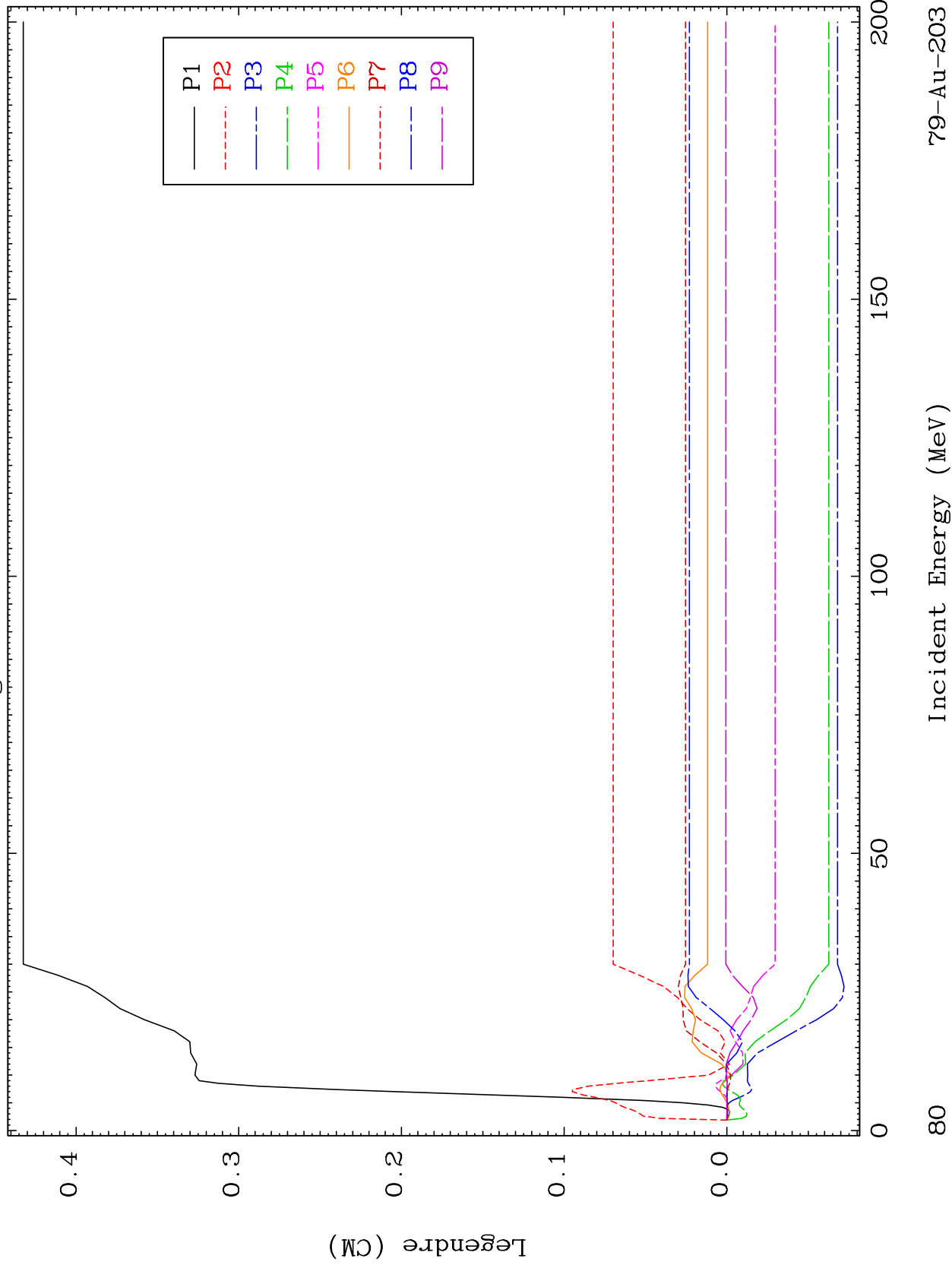
79

79-Au-203

MAT 7943

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

79-Au-203



79-Au-203

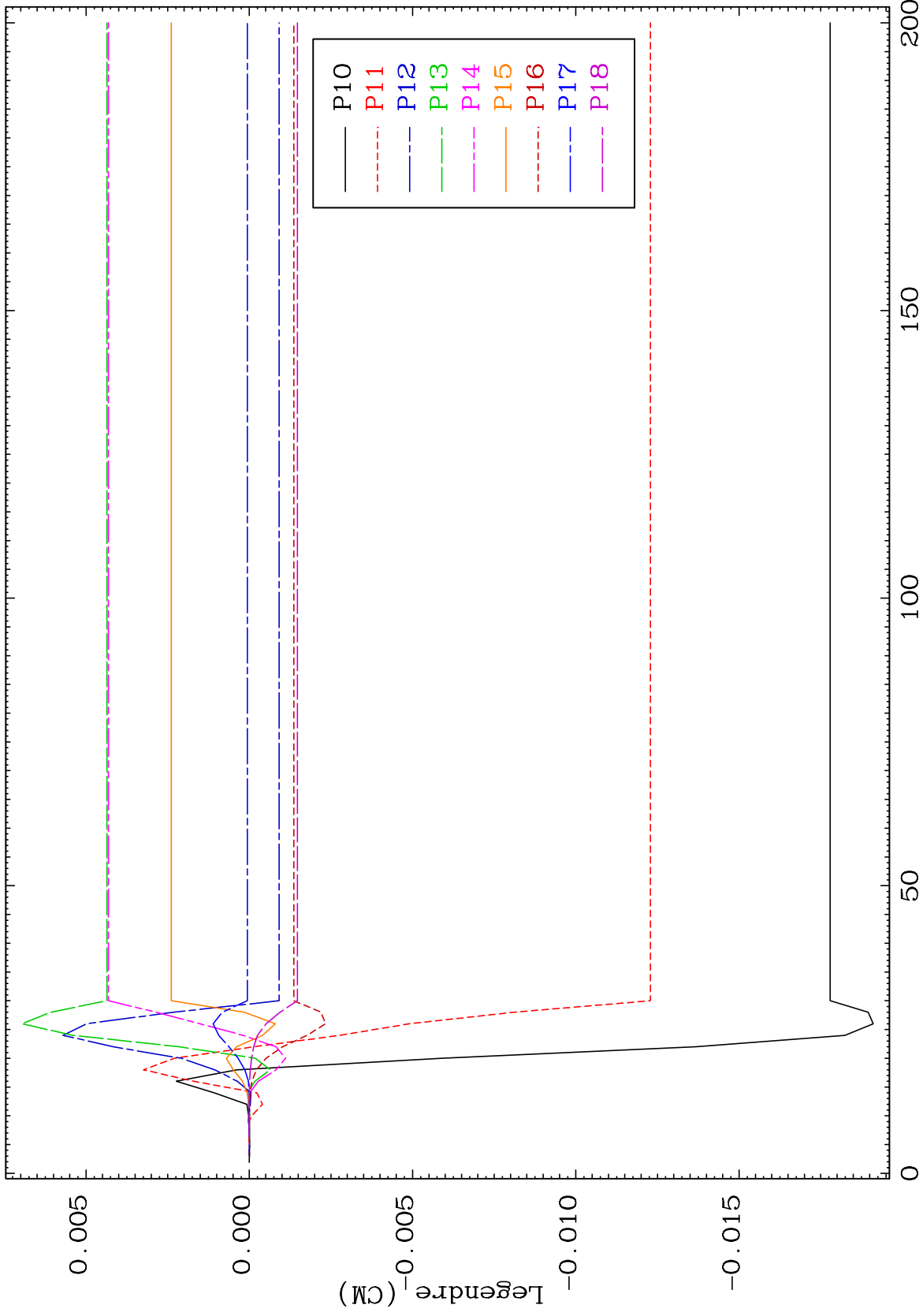
Incident Energy (MeV)

80

MAT 7943

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

79-Au-203



81

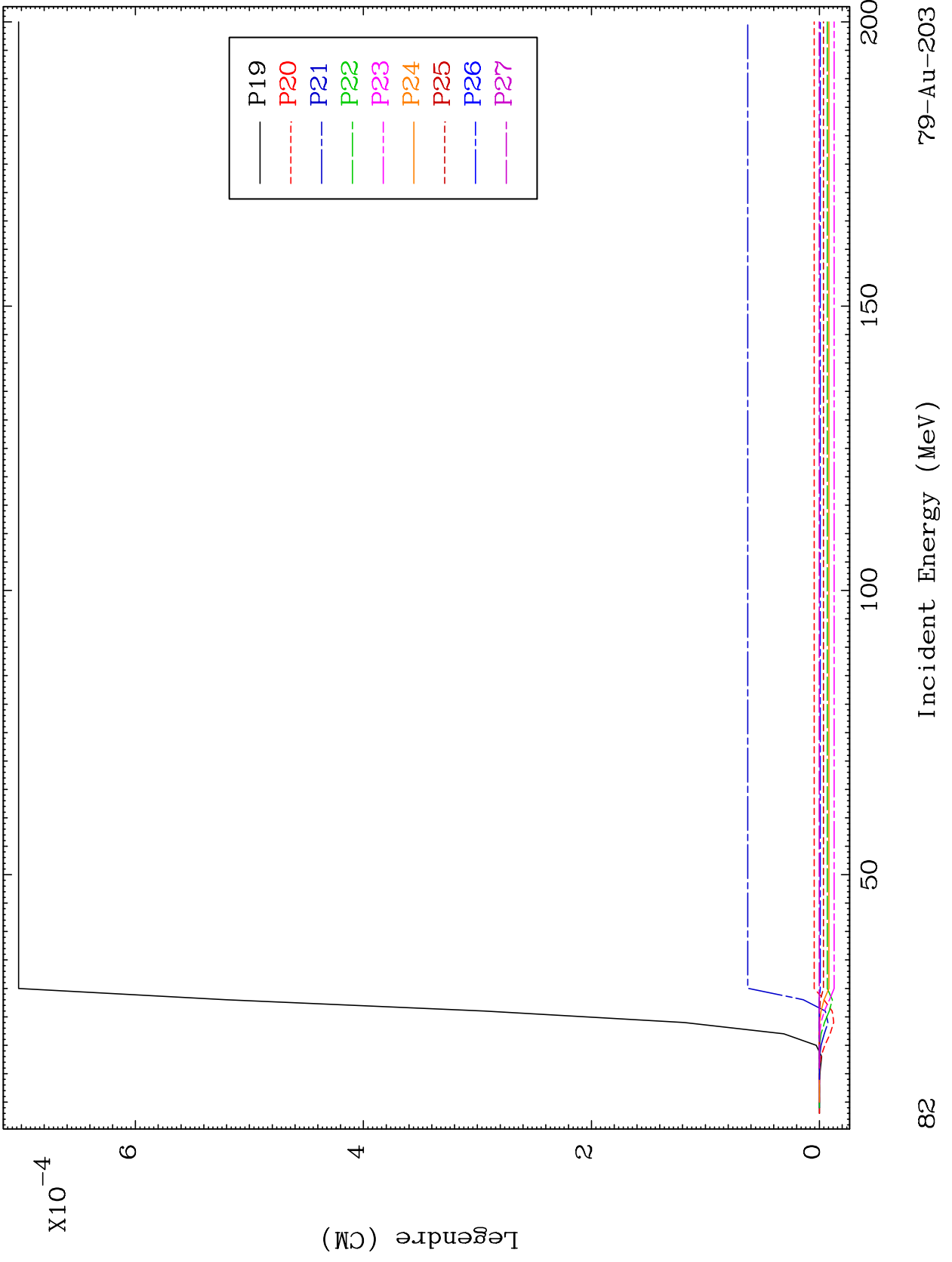
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



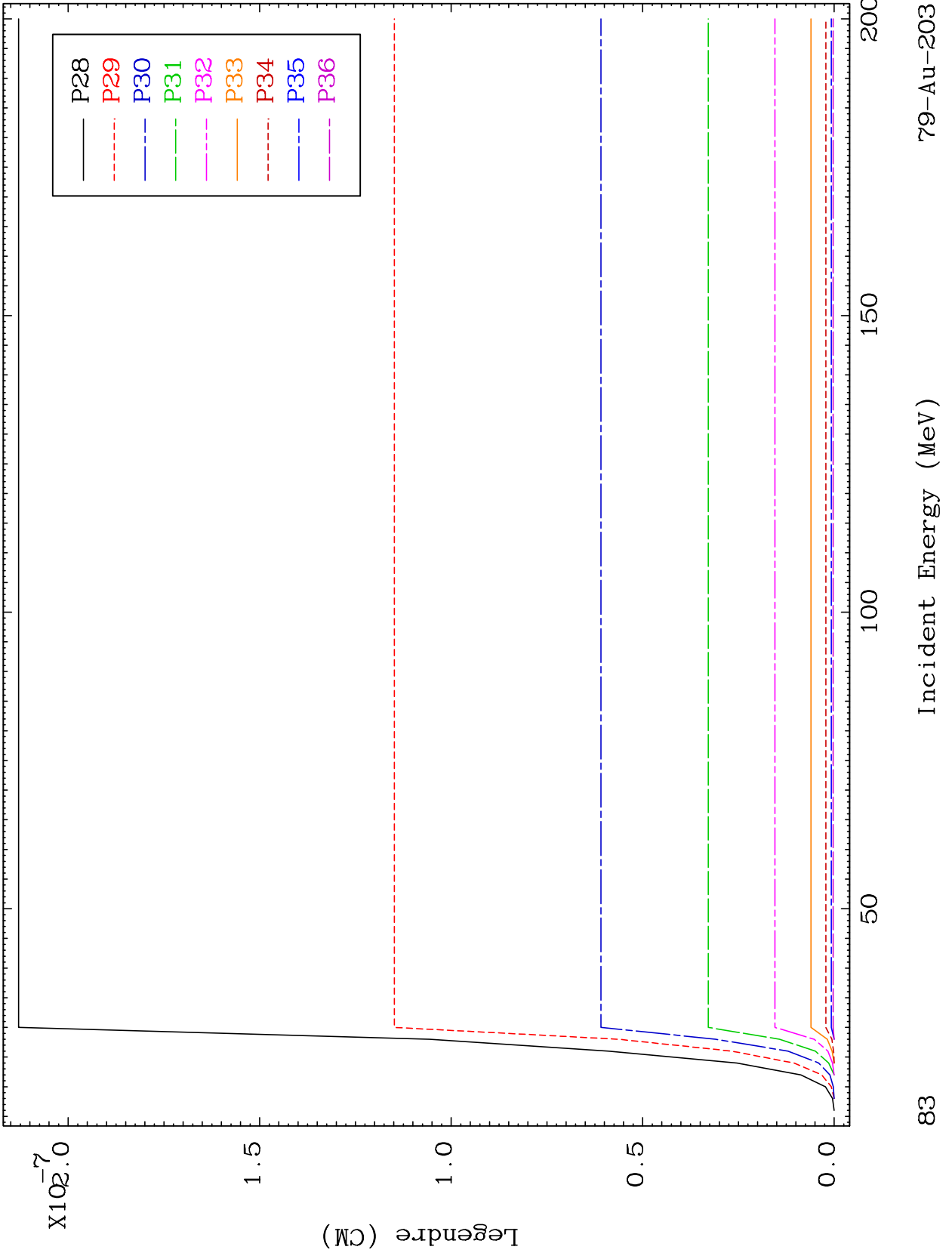
82

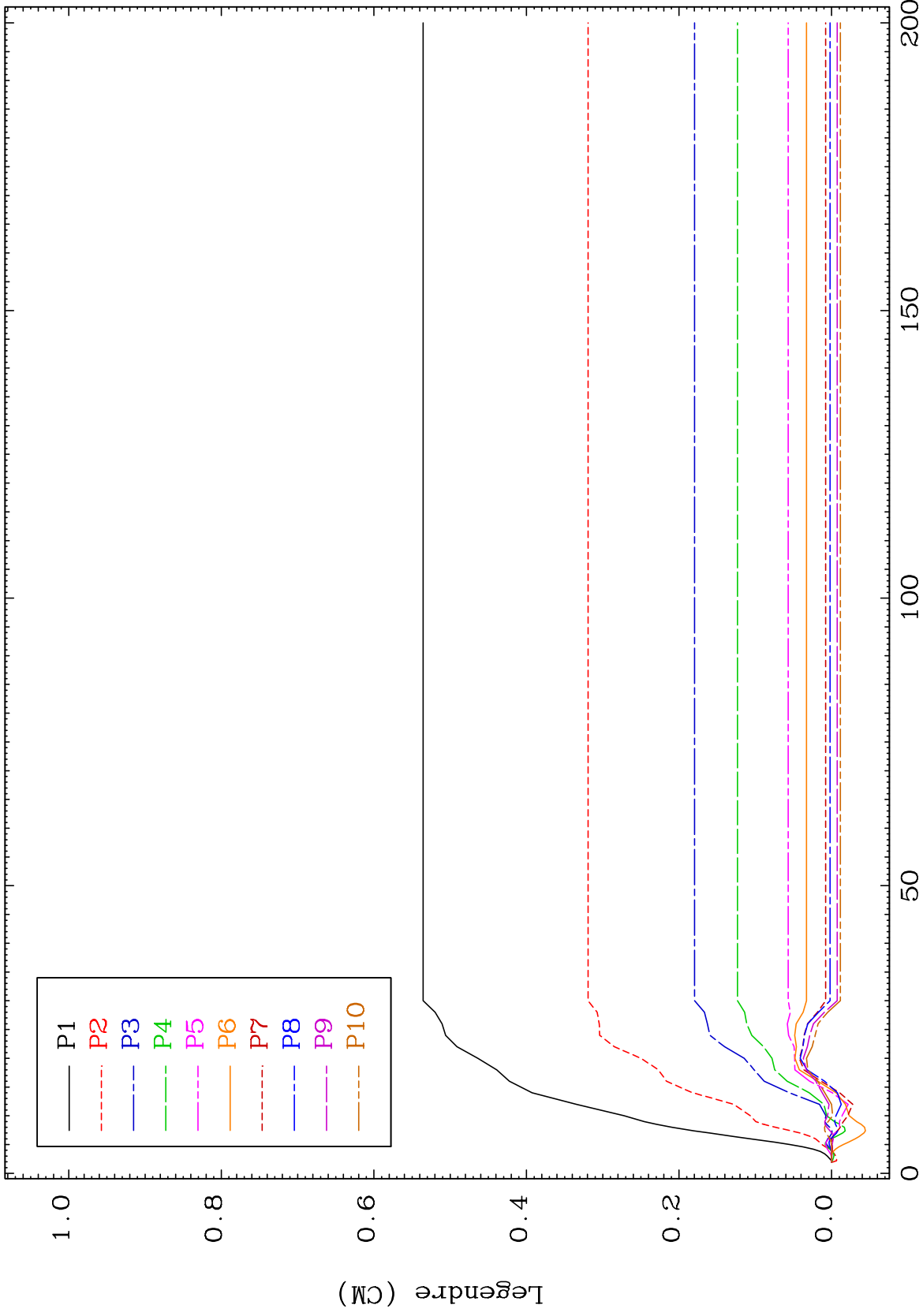
79-Au-203

MAT 7943

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

79-Au-203

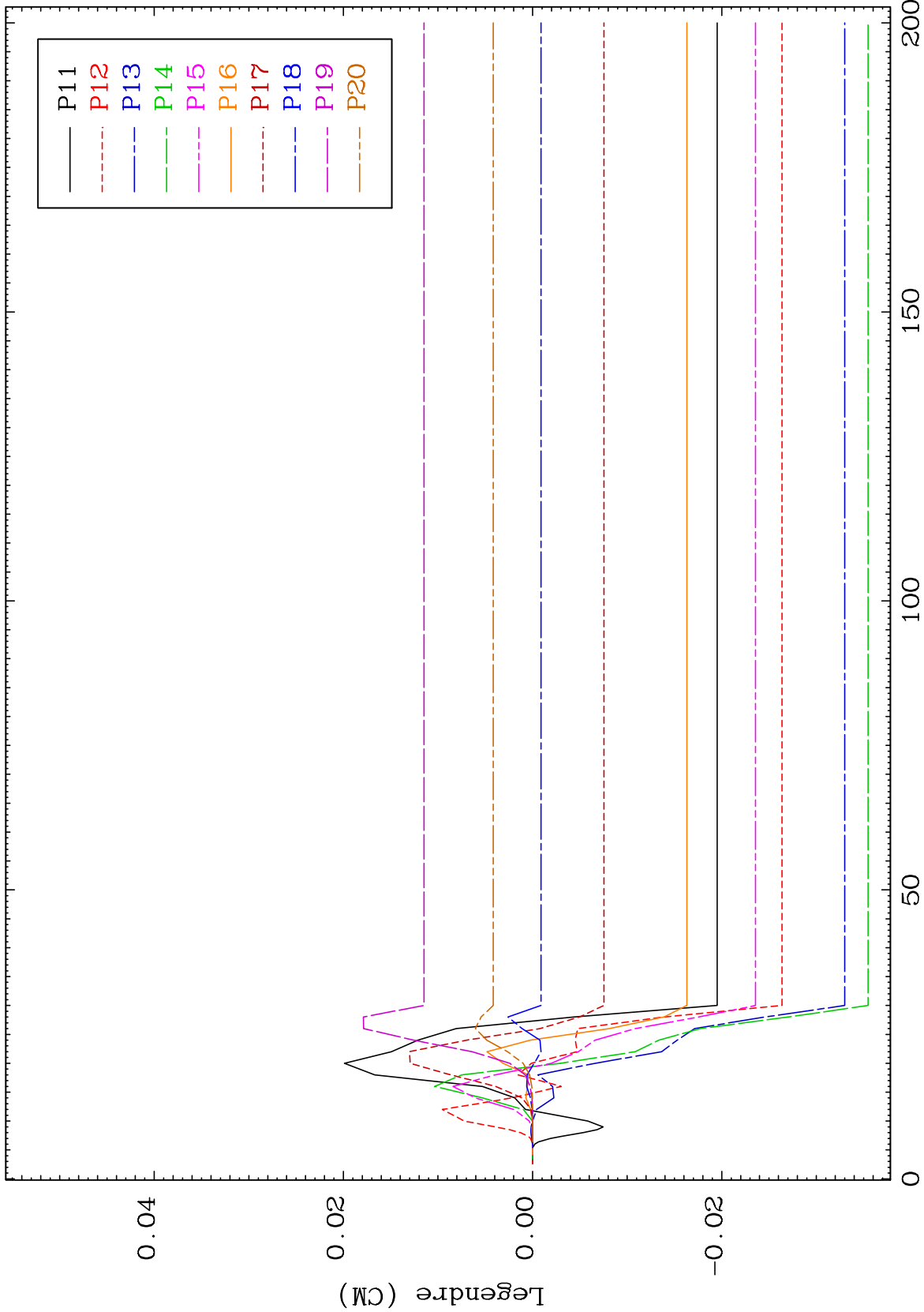




MAT 7943

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

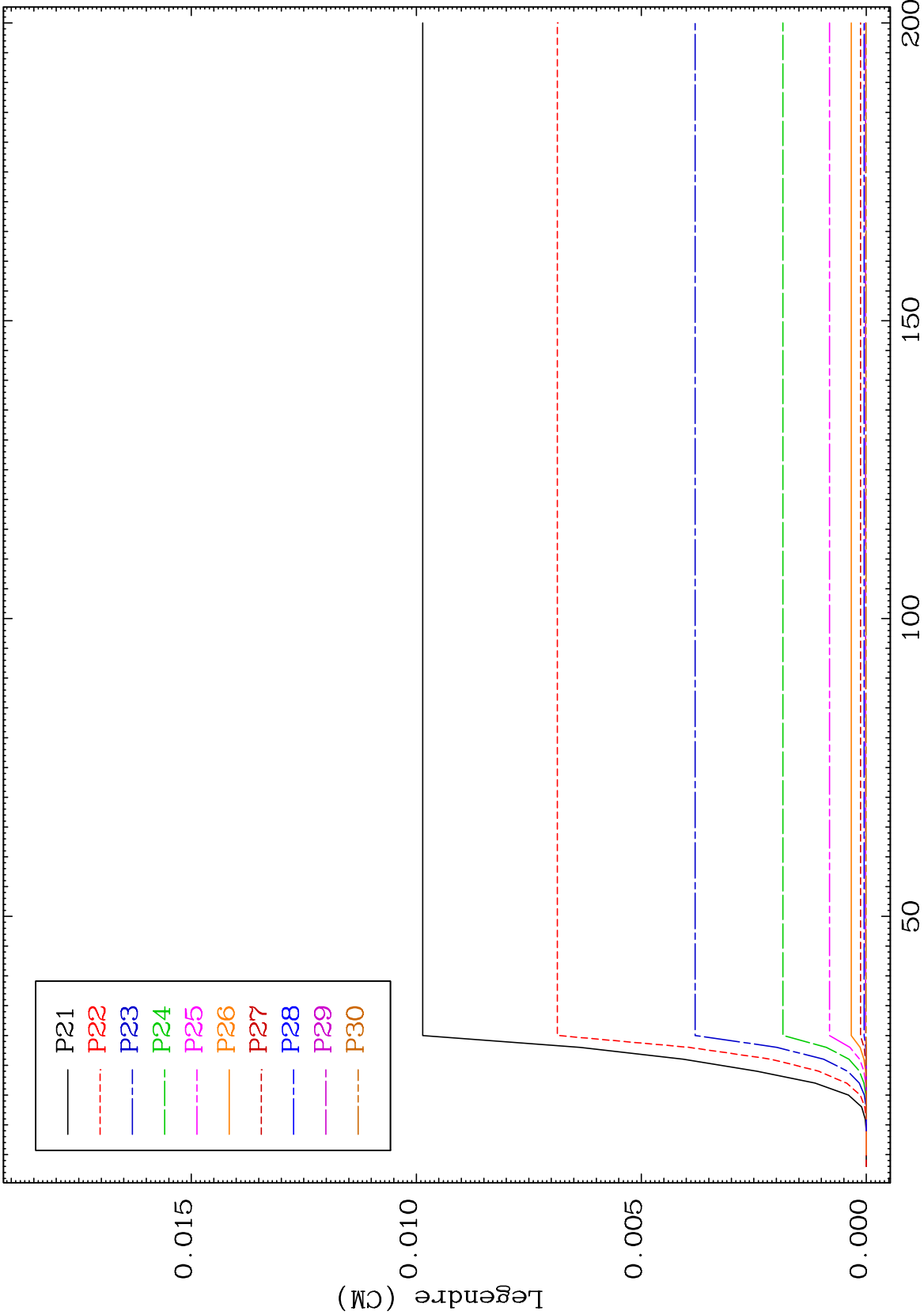
79-Au-203



85

Incident Energy (MeV)

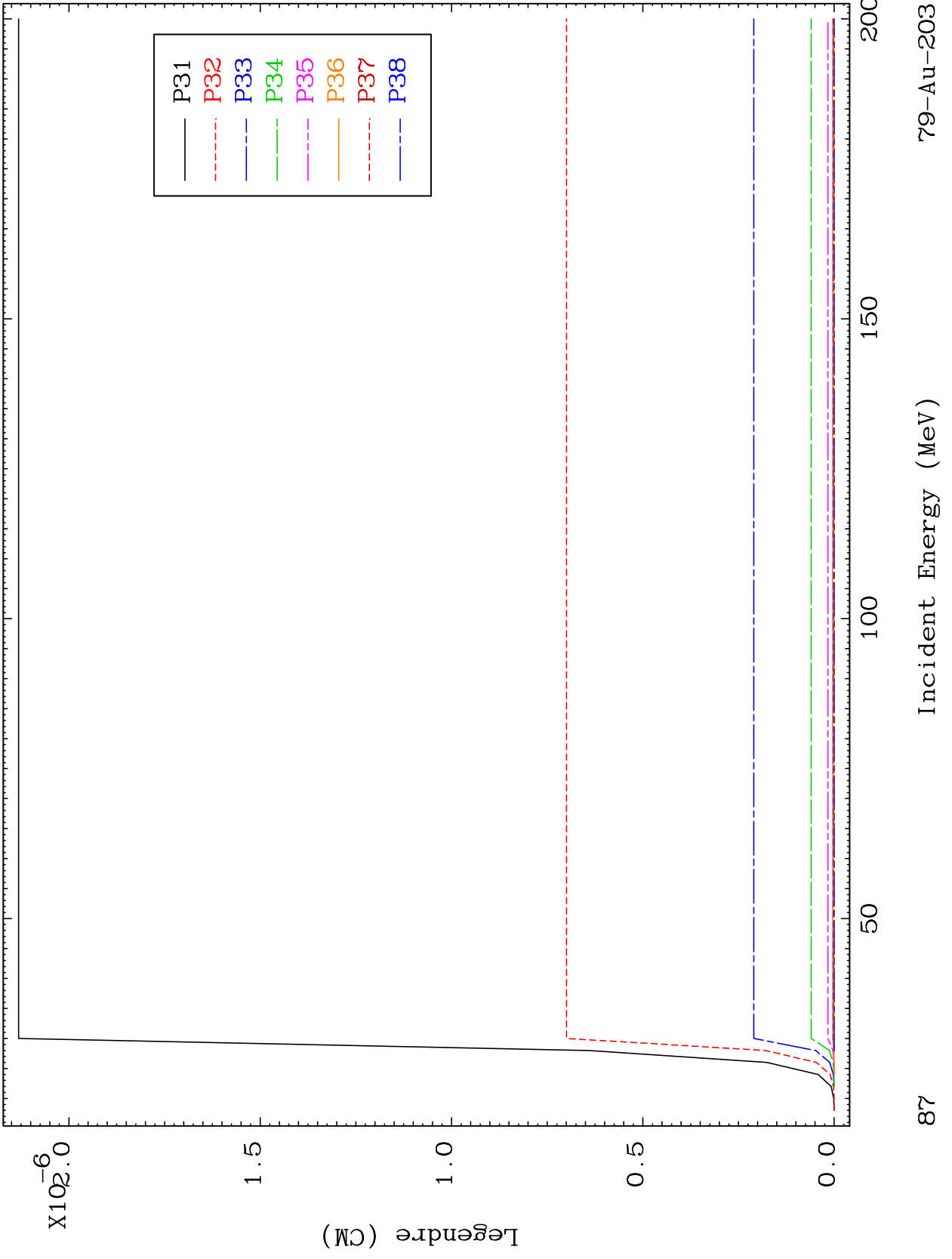
79-Au-203



MAT 7943

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

79-Au-203



87

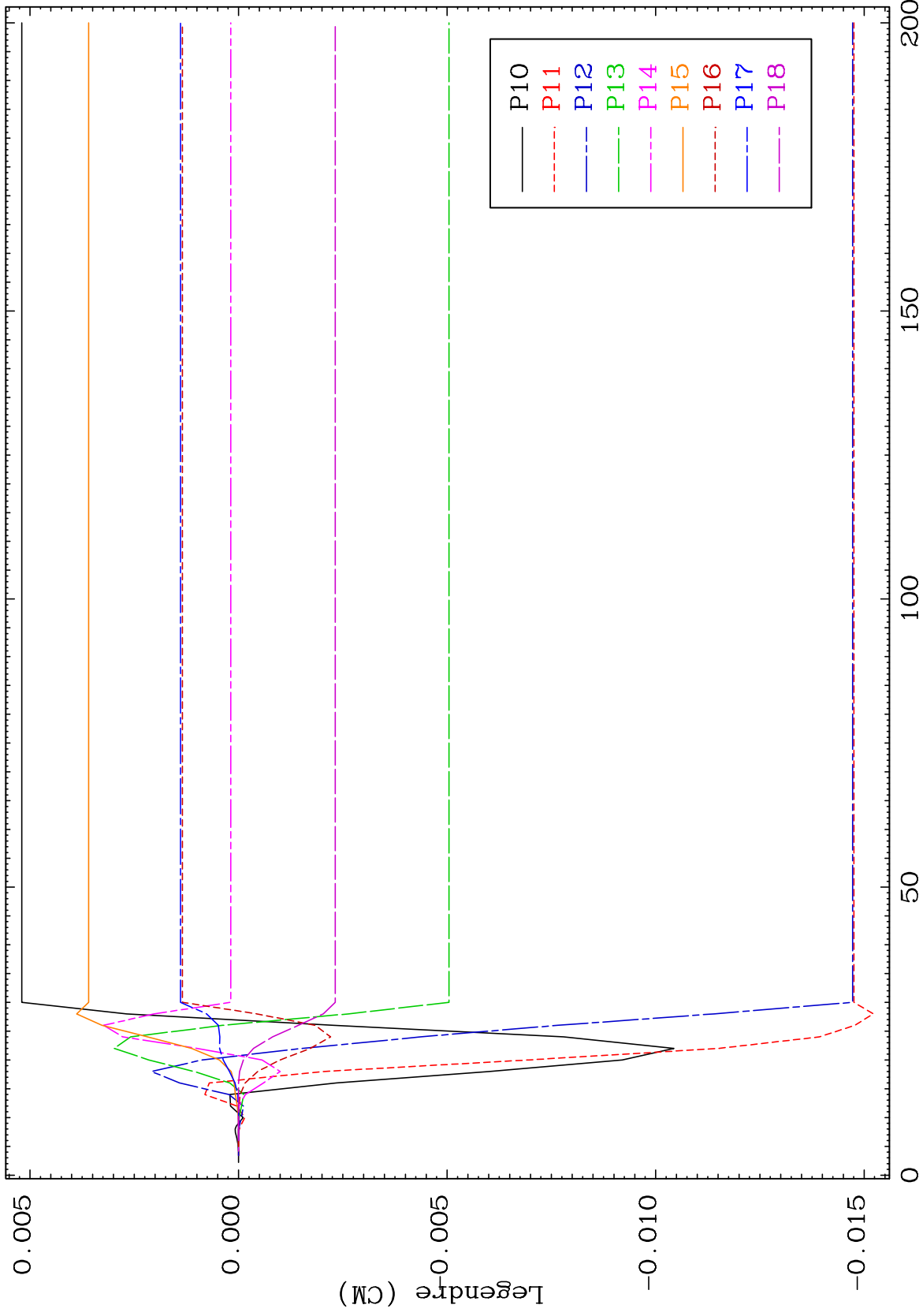
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



89

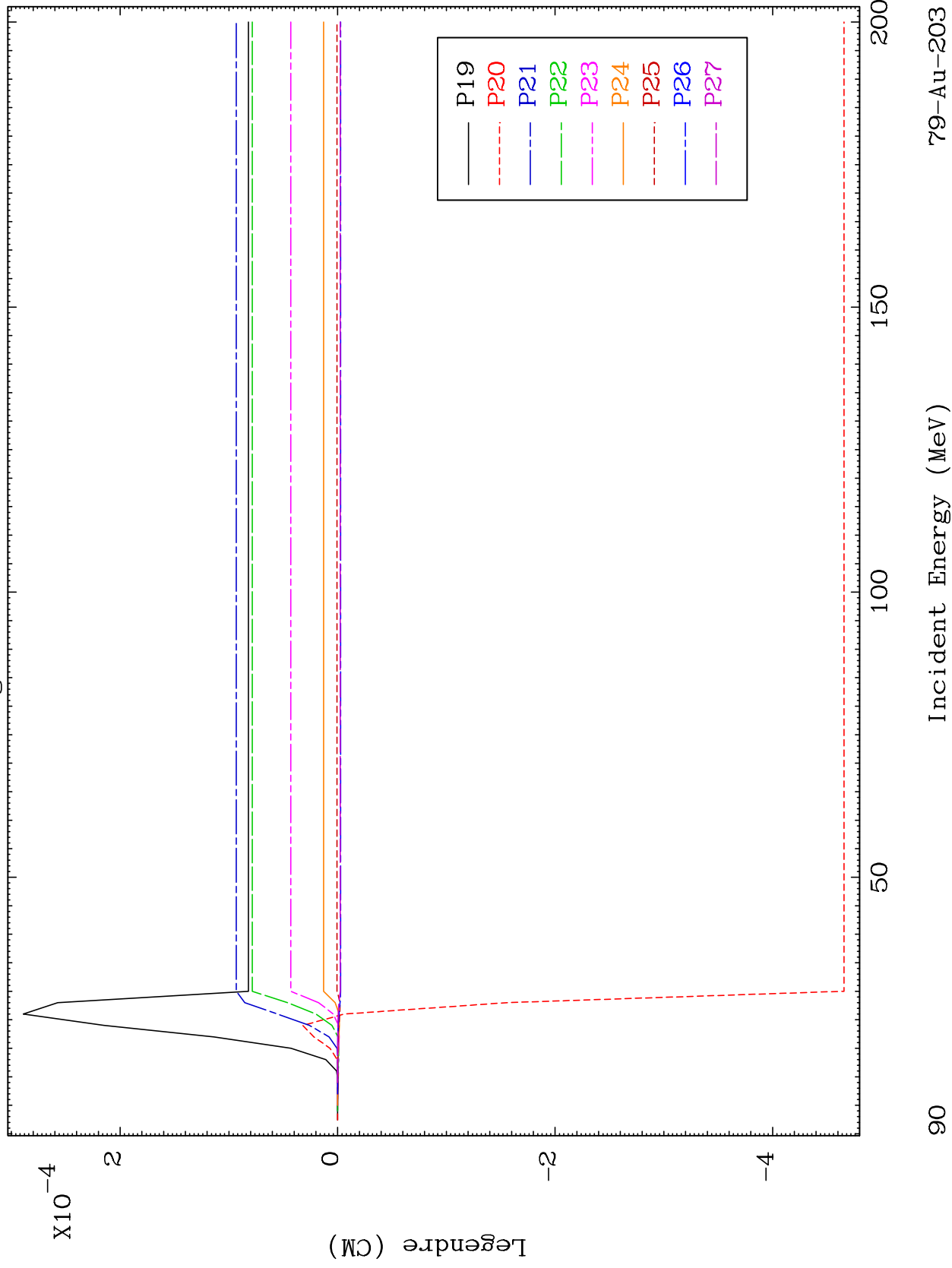
Incident Energy (MeV)

79-Au-203

MAT 7943

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

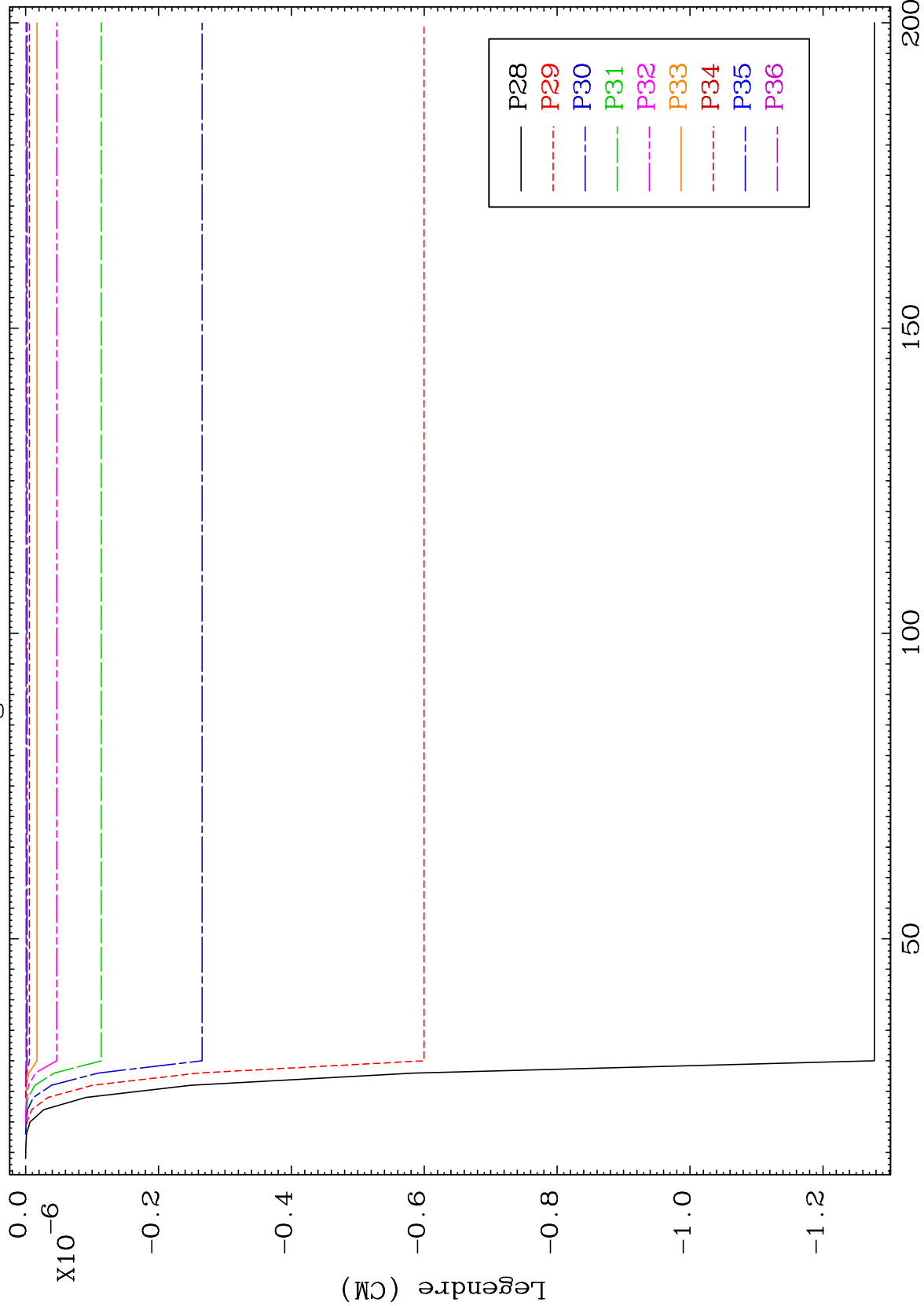
79-Au-203



MAT 7943

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

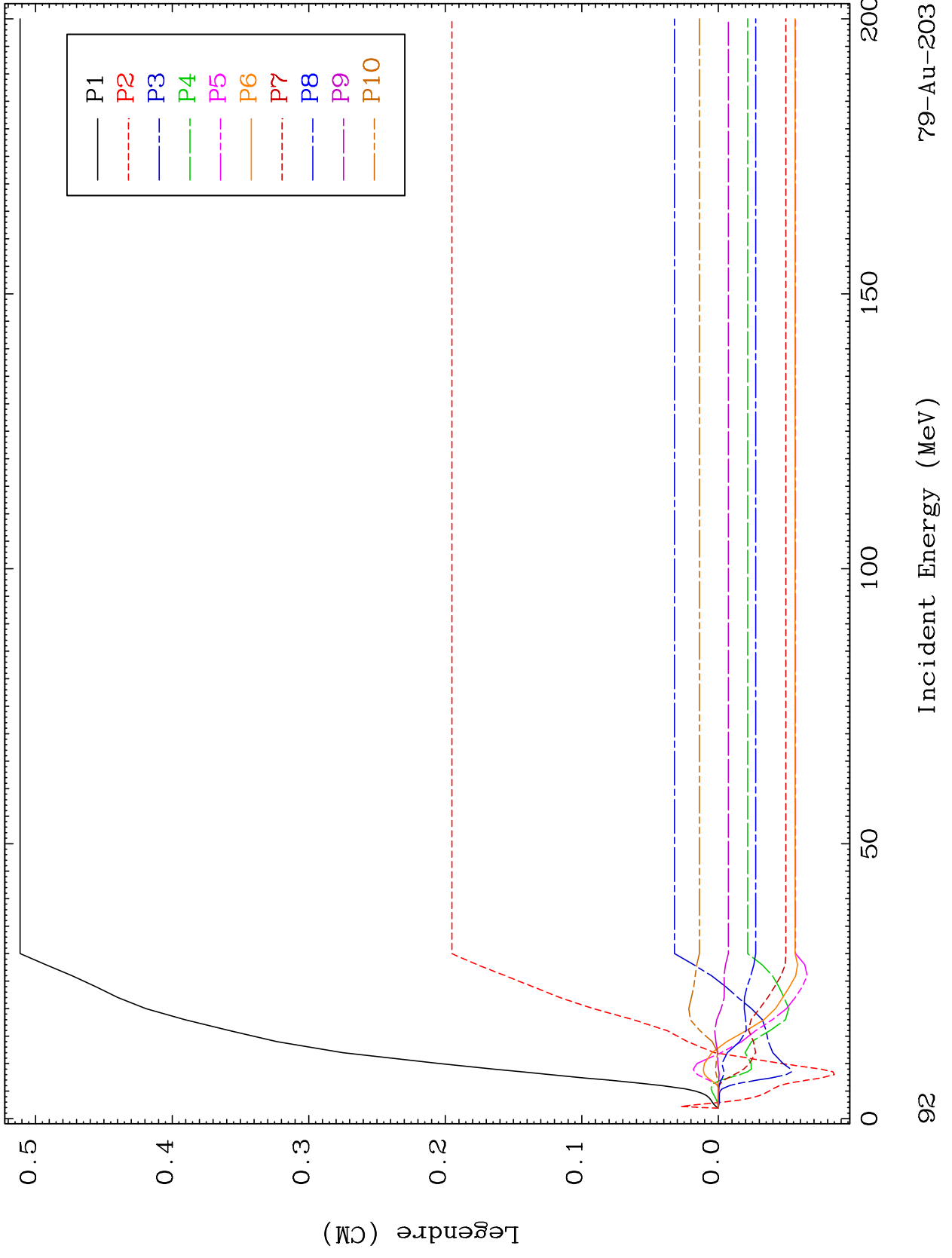
79-Au-203



MAT 7943

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

79-Au-203



79-Au-203

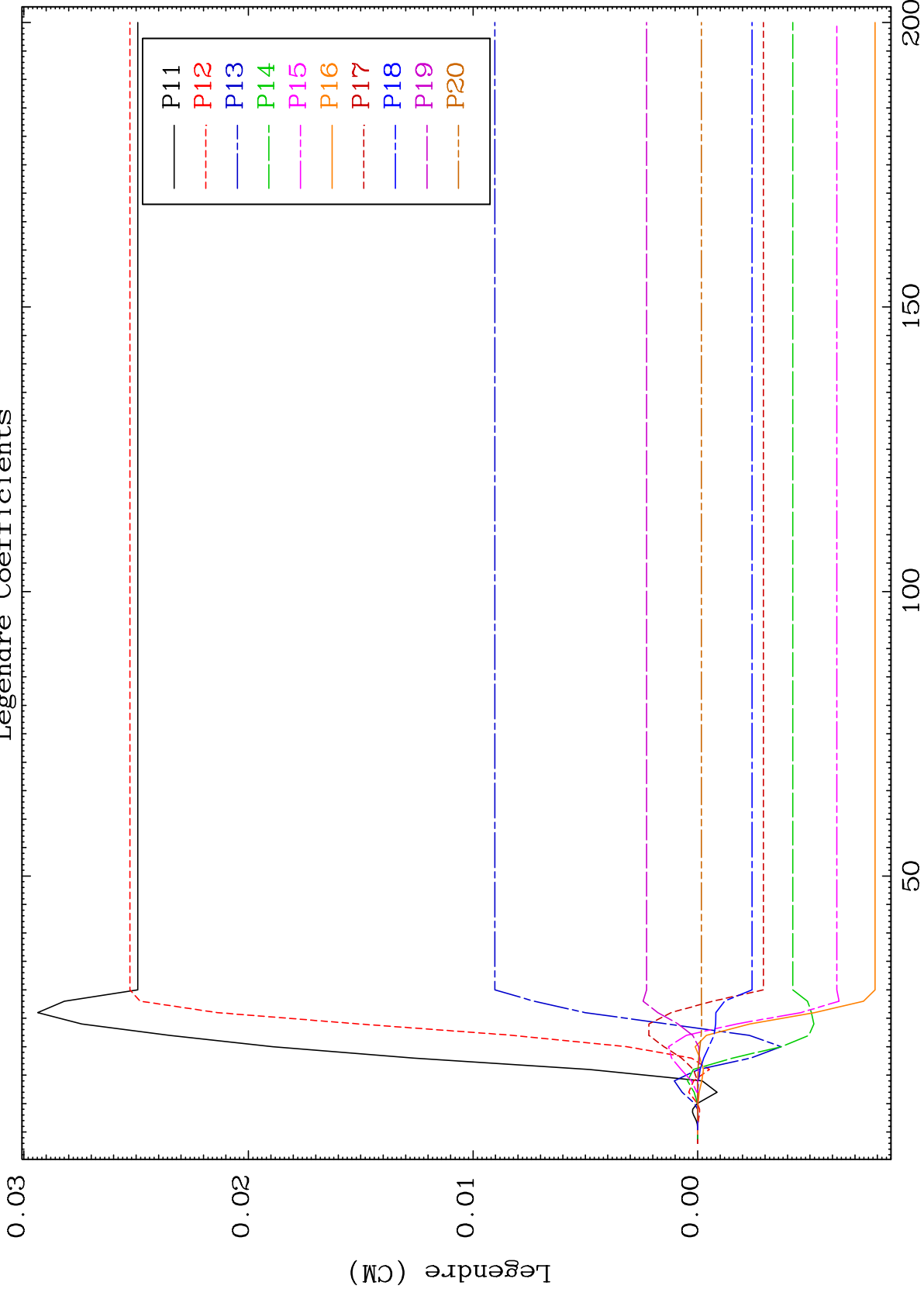
Incident Energy (MeV)

92

MAT 7943

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

79-Au-203



93

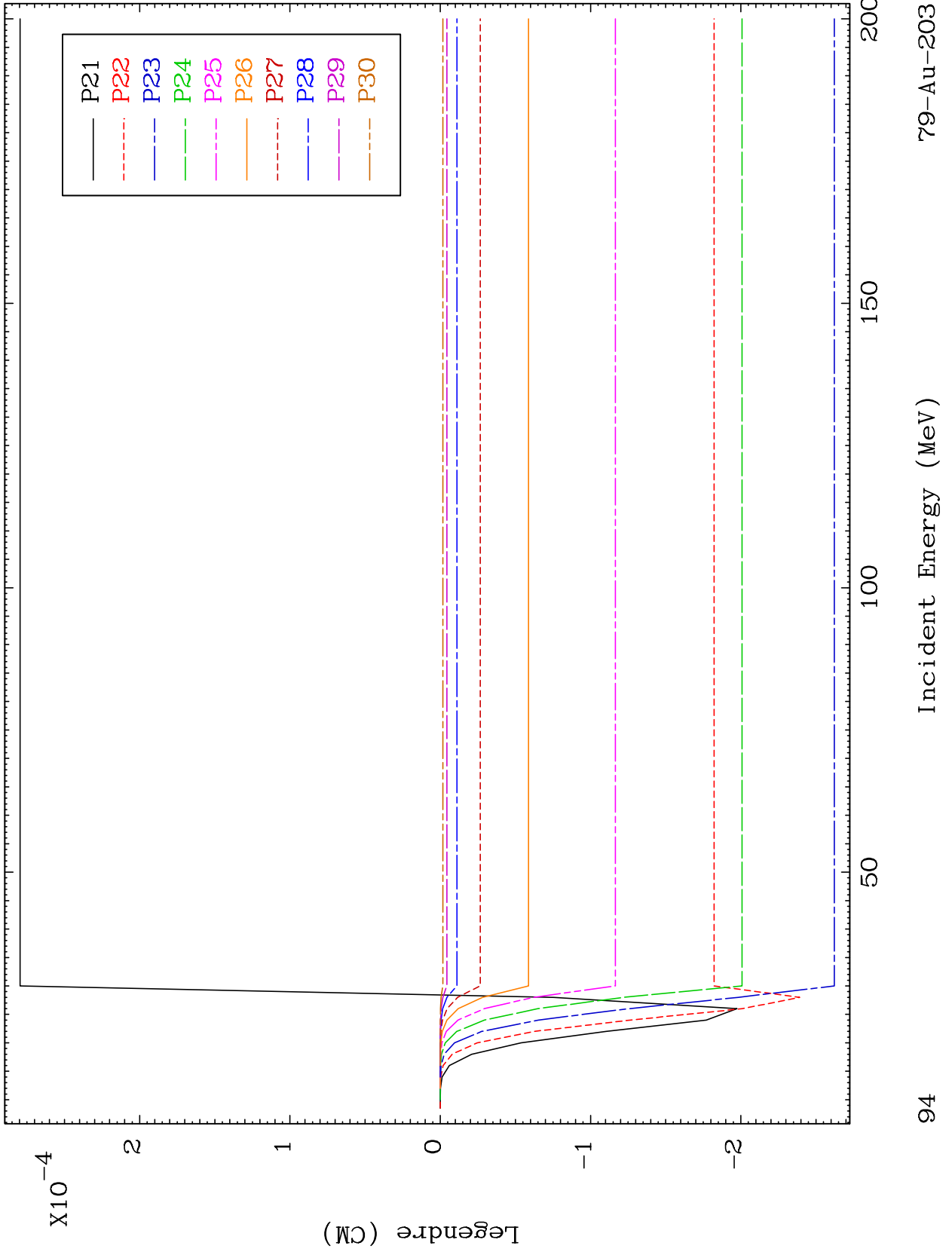
Incident Energy (MeV)

79-Au-203

MAT 7943

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

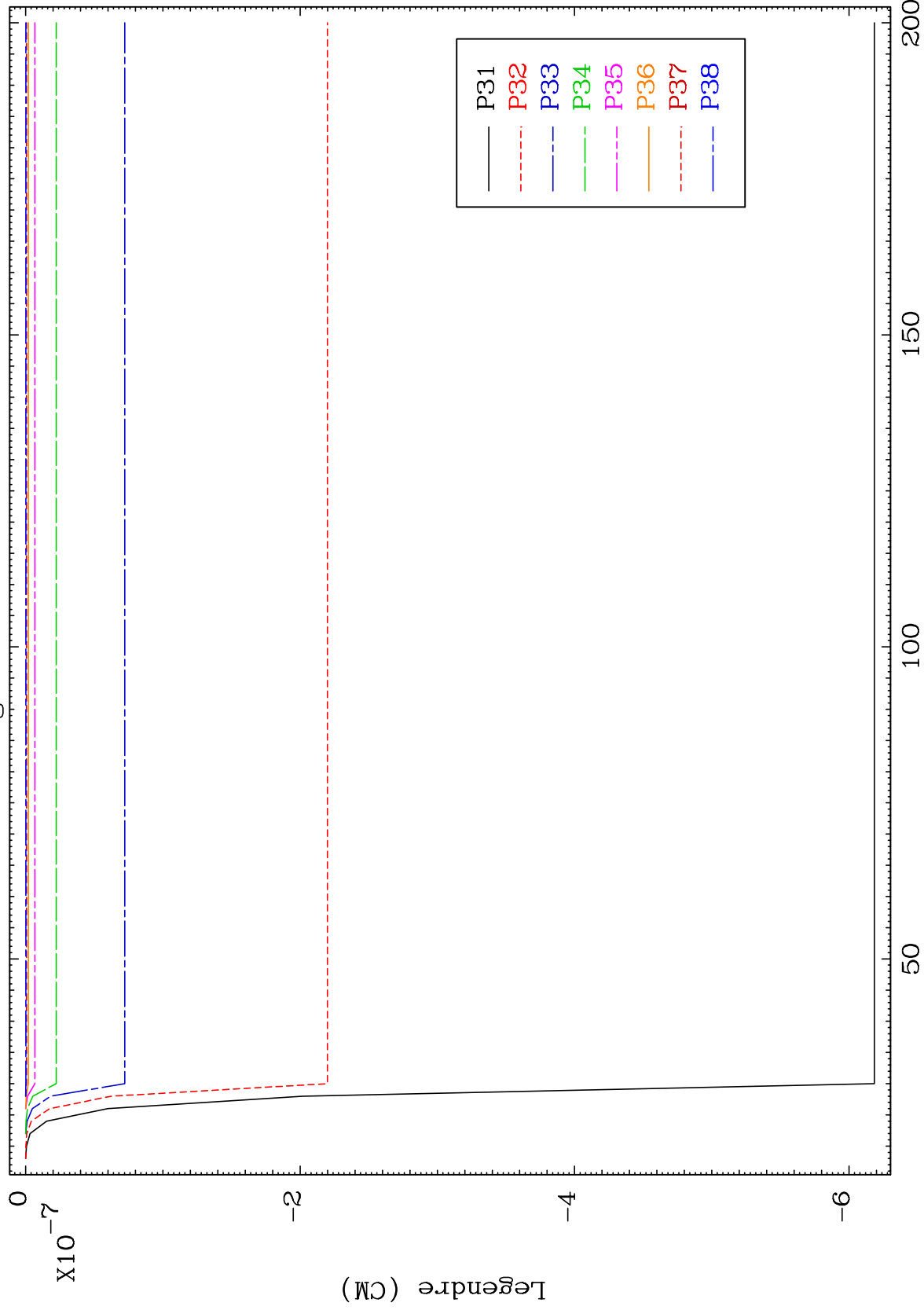
79-Au-203



MAT 7943

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

79-Au-203



95

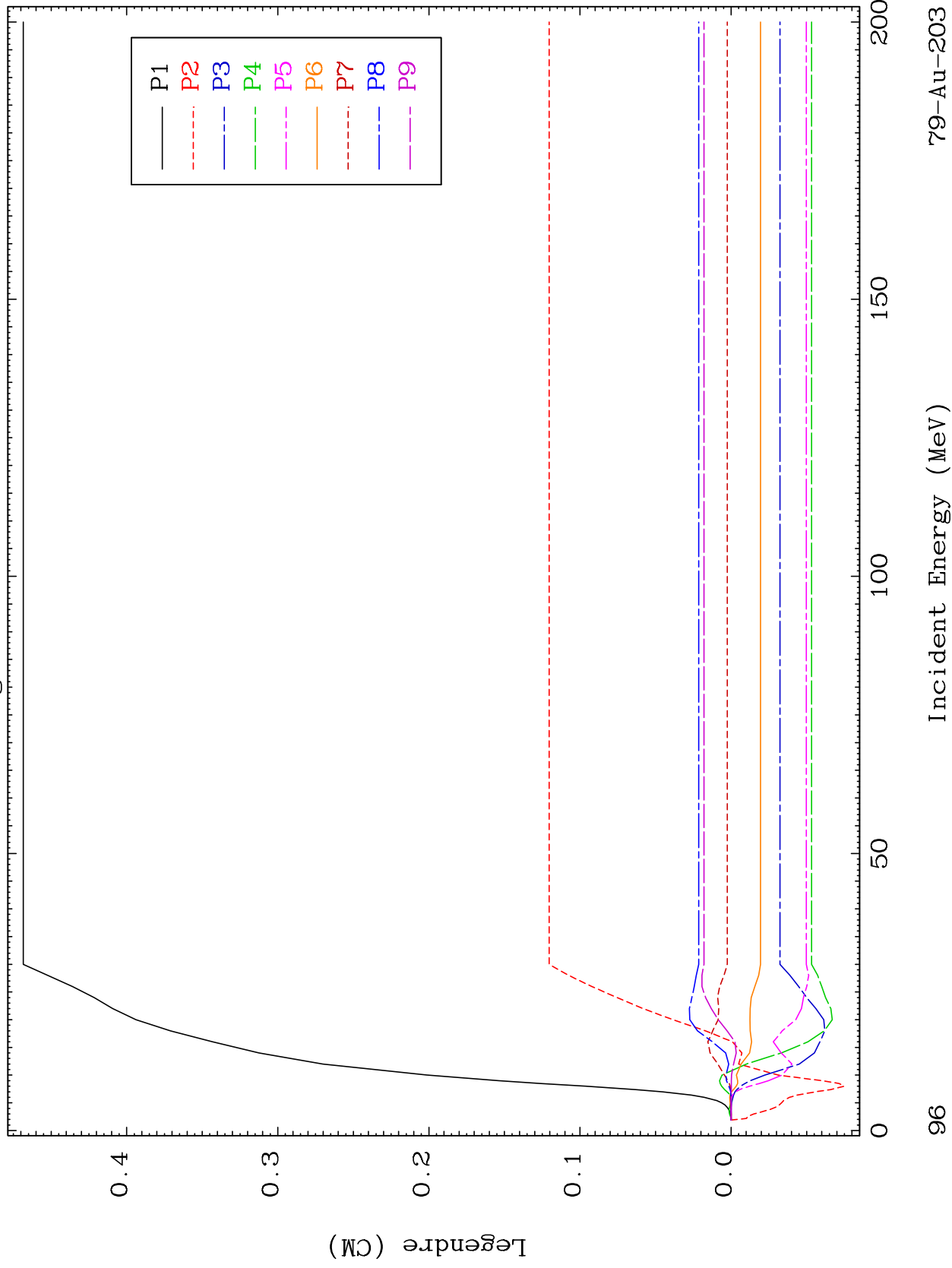
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



79-Au-203

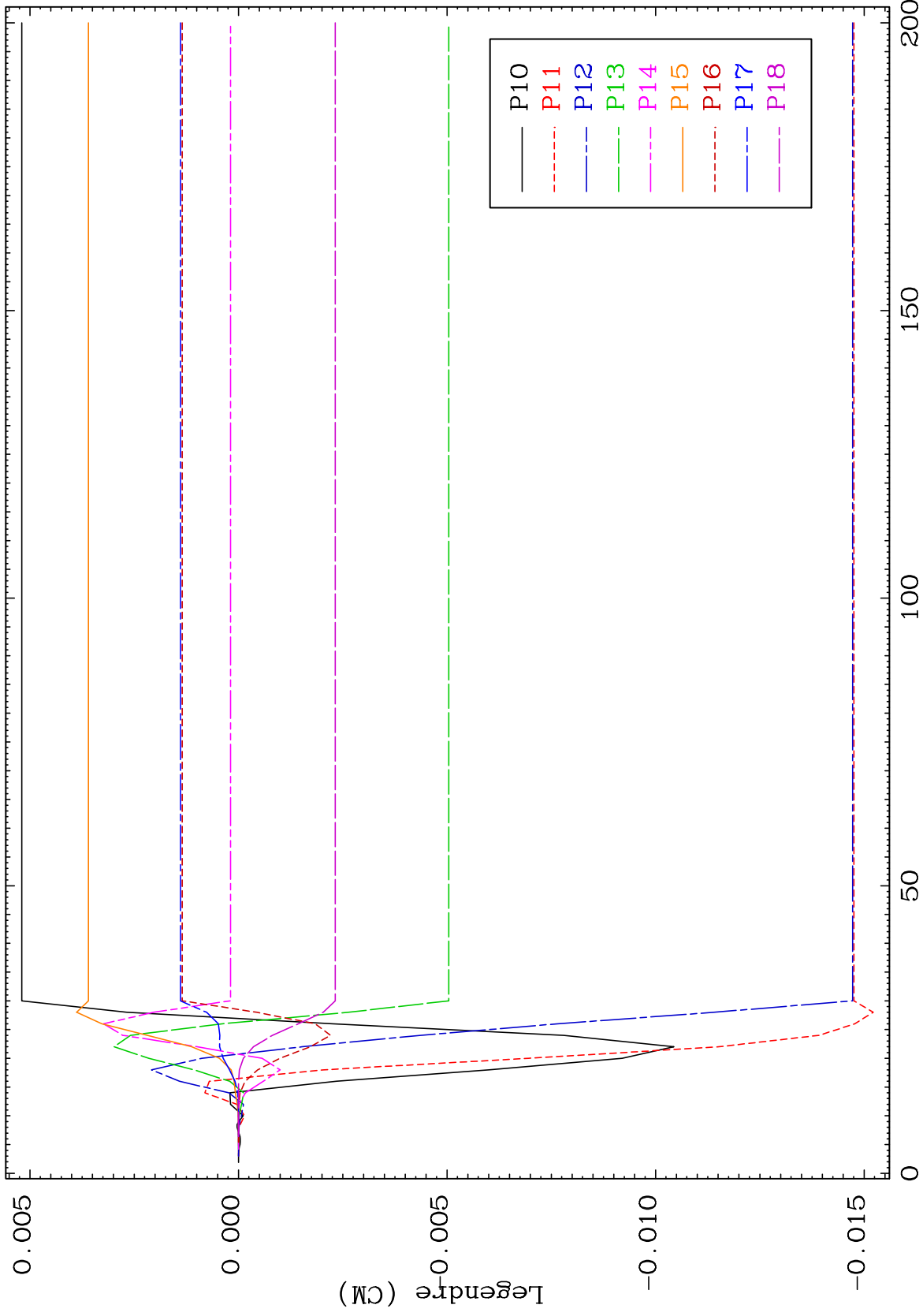
Incident Energy (MeV)

96

MAT 7943

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

79-Au-203



97

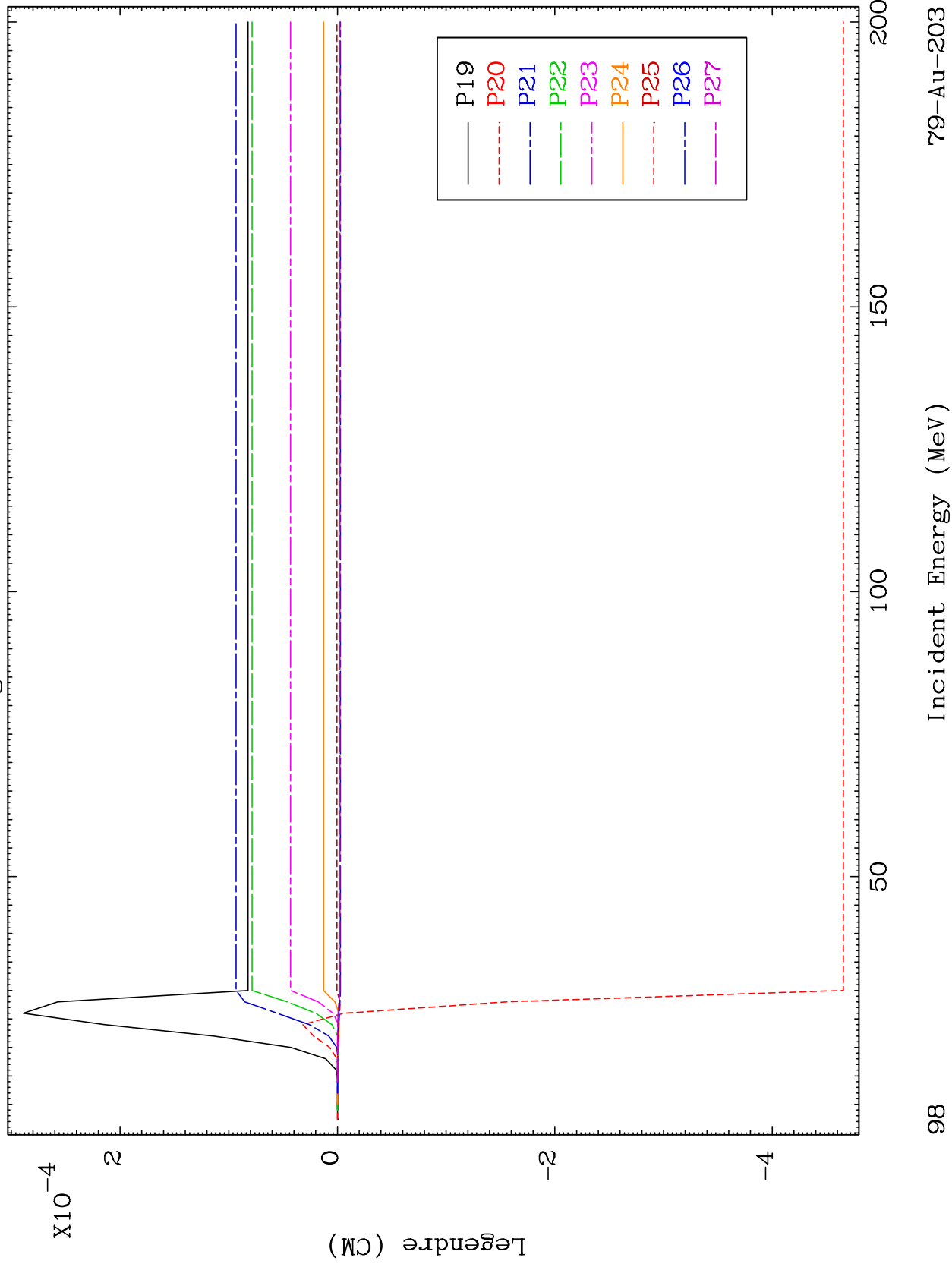
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



98

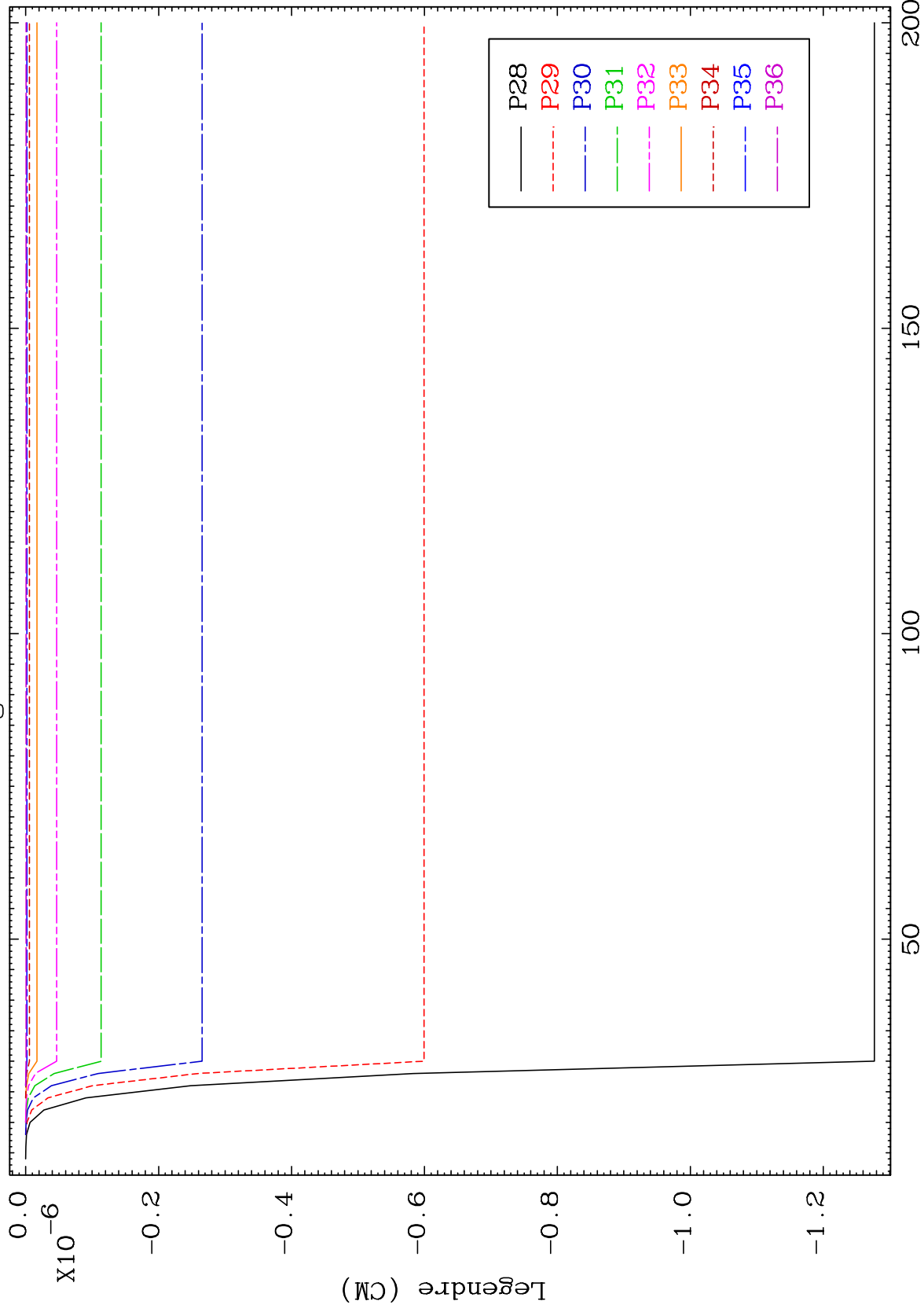
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



99

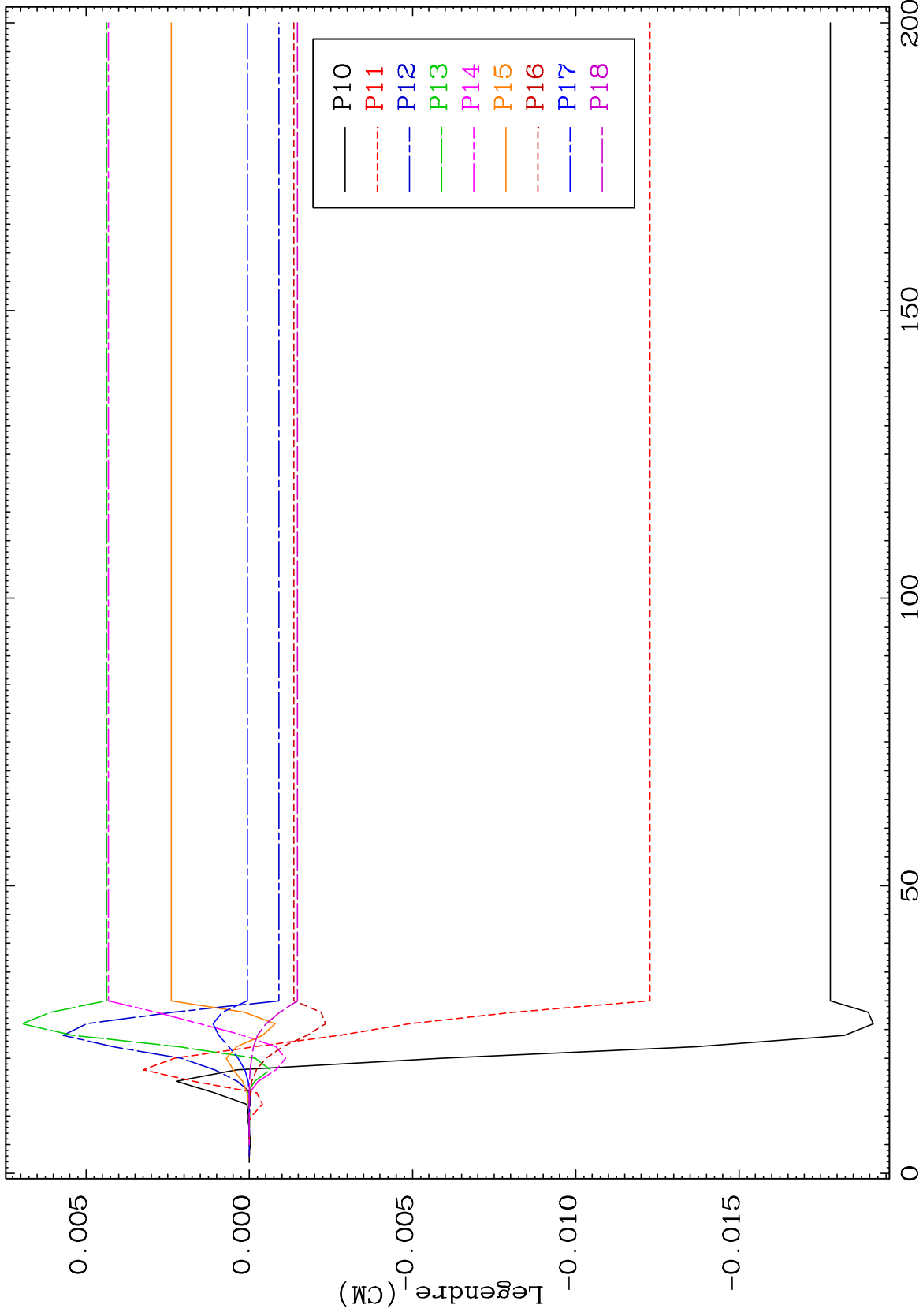
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



101

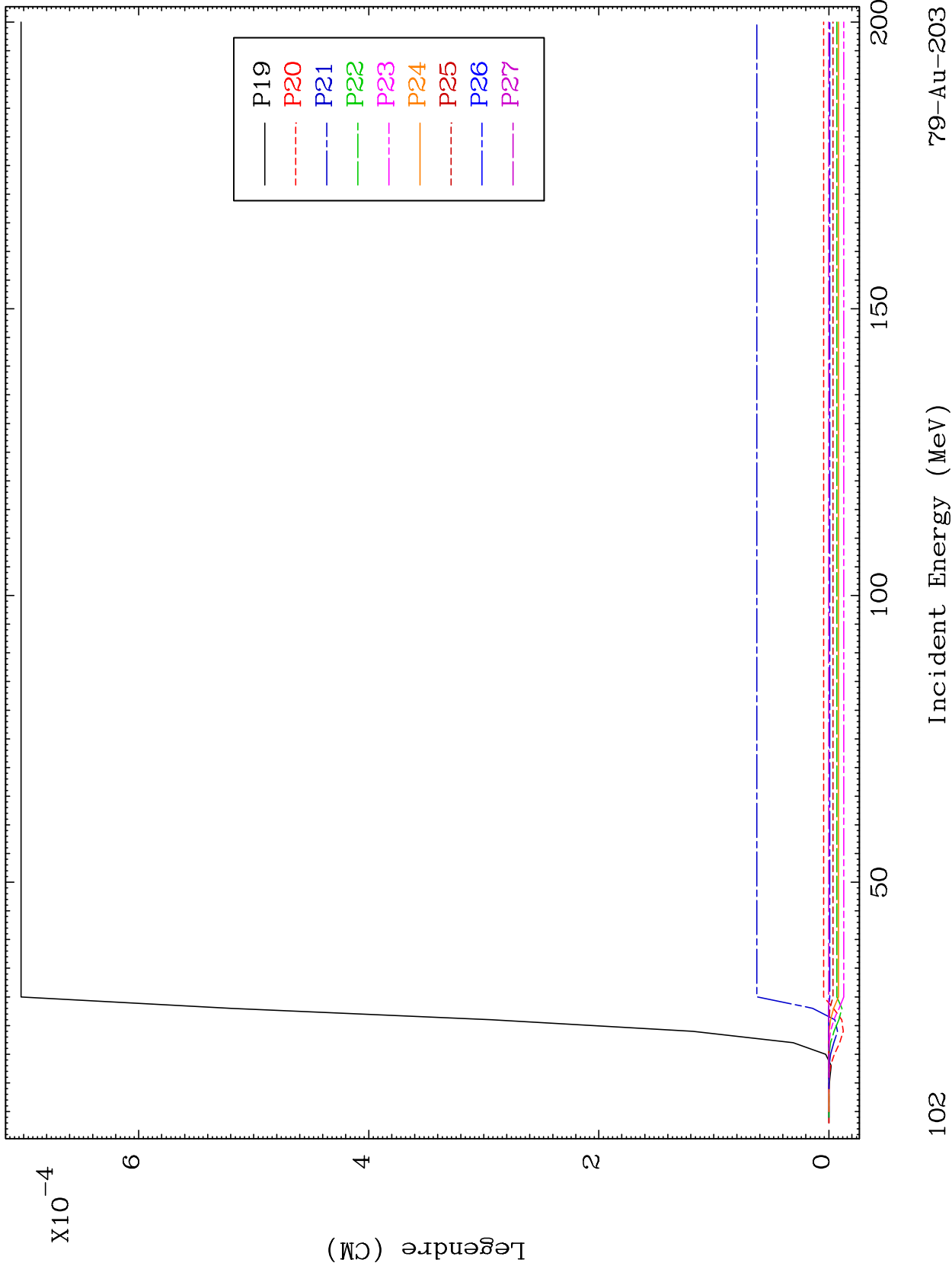
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



102

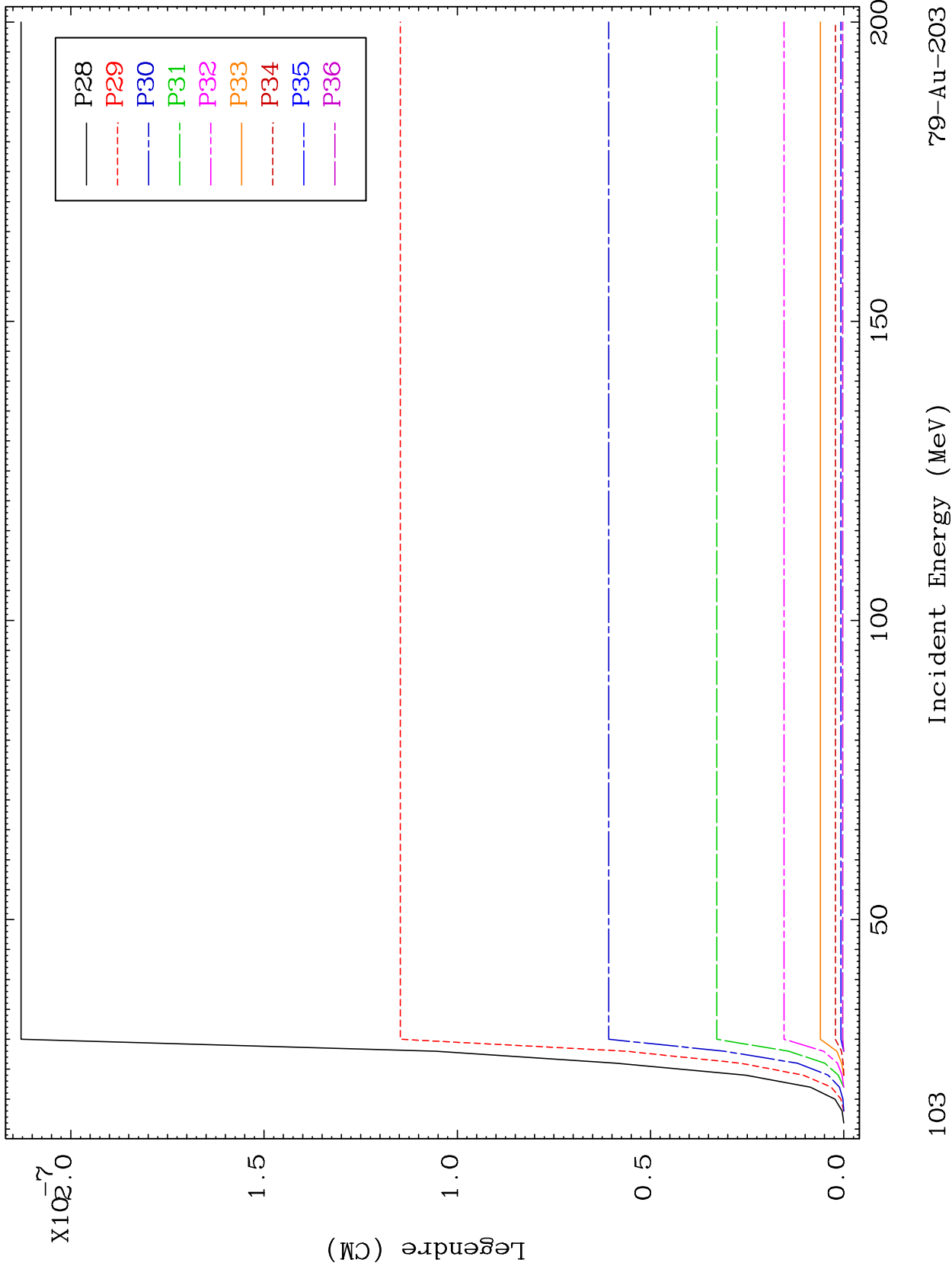
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



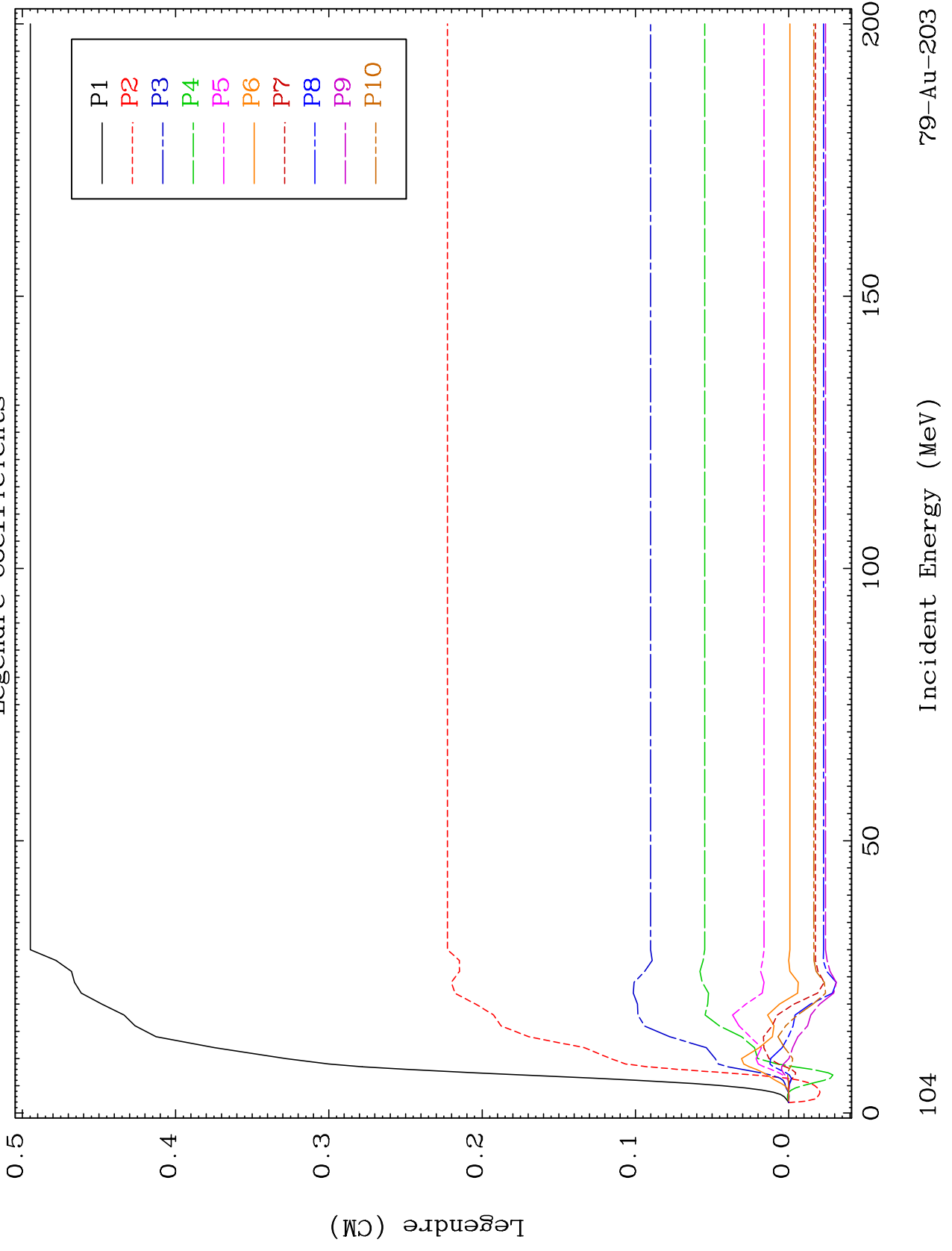
103

79-Au-203

MAT 7943

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

79-Au-203



104

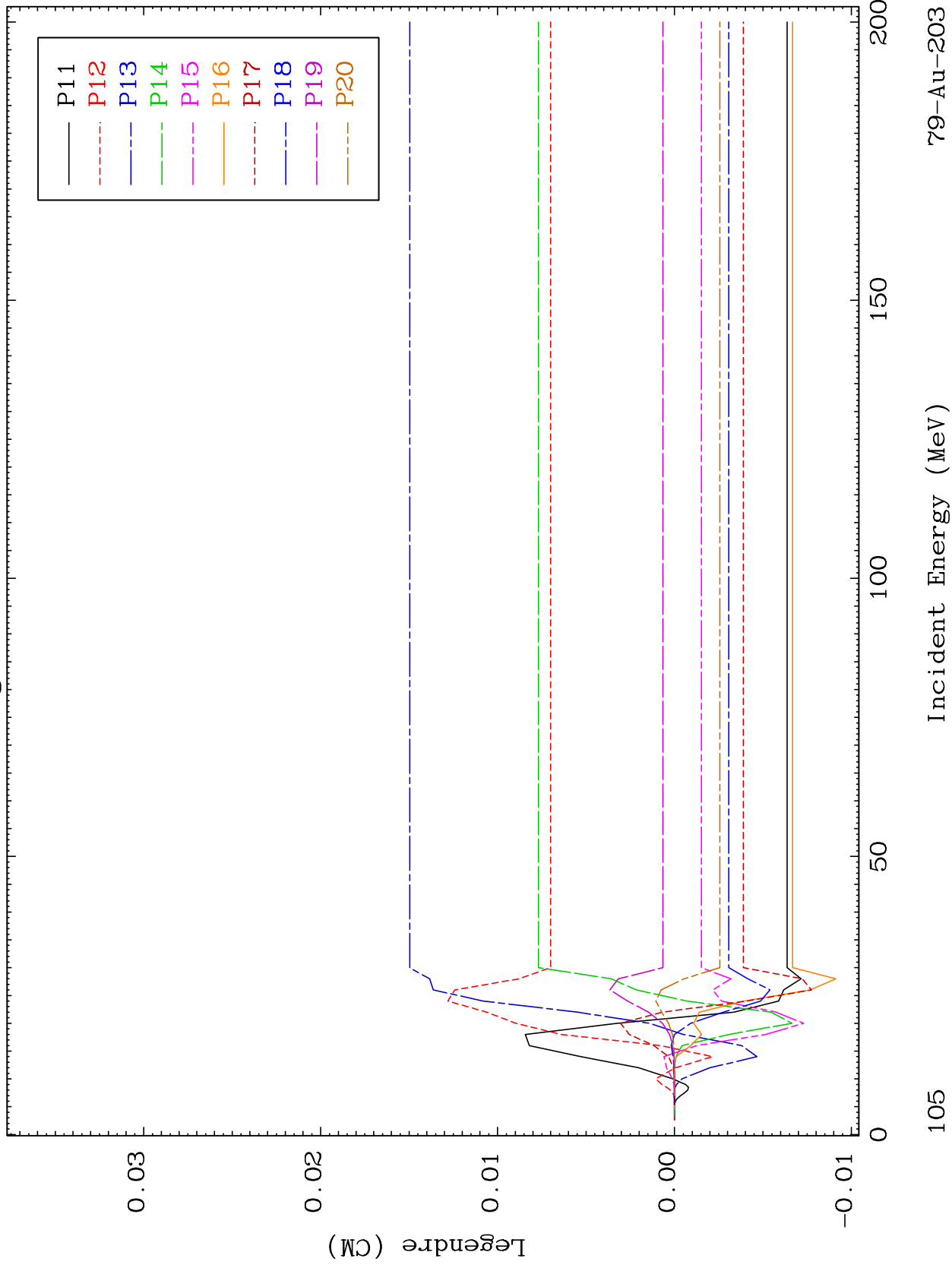
Incident Energy (MeV)

79-Au-203

MAT 7943

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

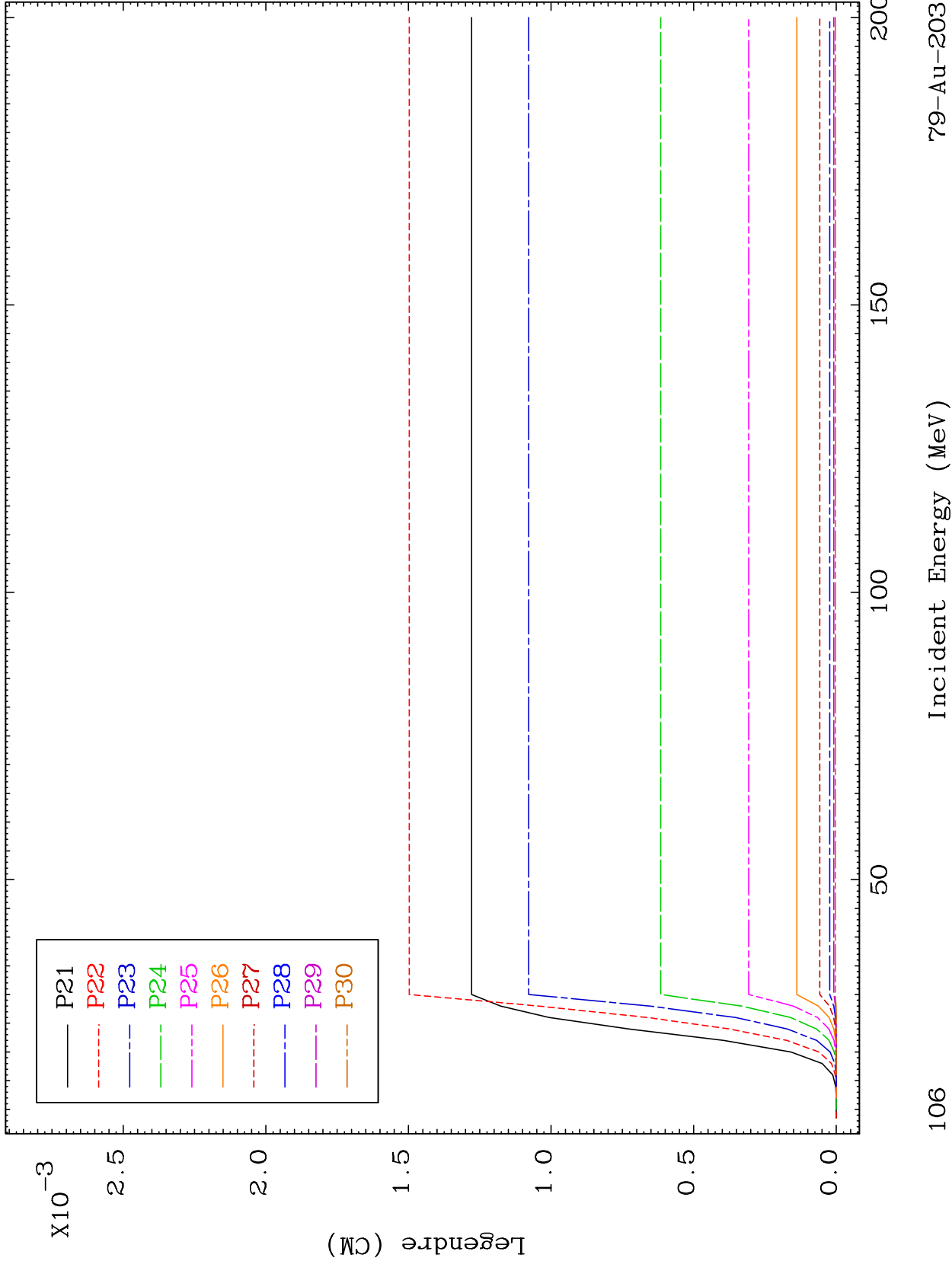
79-Au-203



79-Au-203

Incident Energy (MeV)

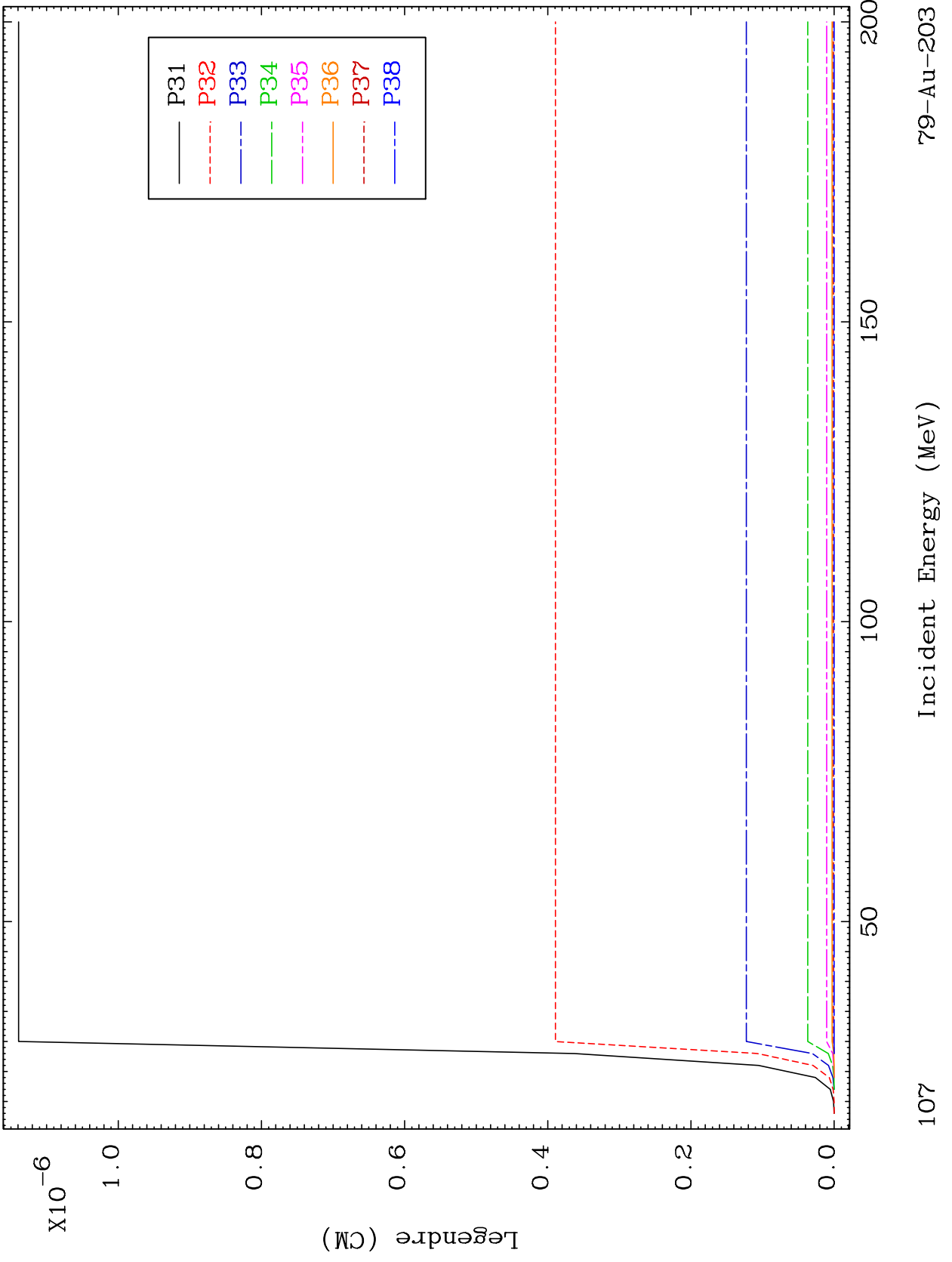
105



MAT 7943

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

79-Au-203



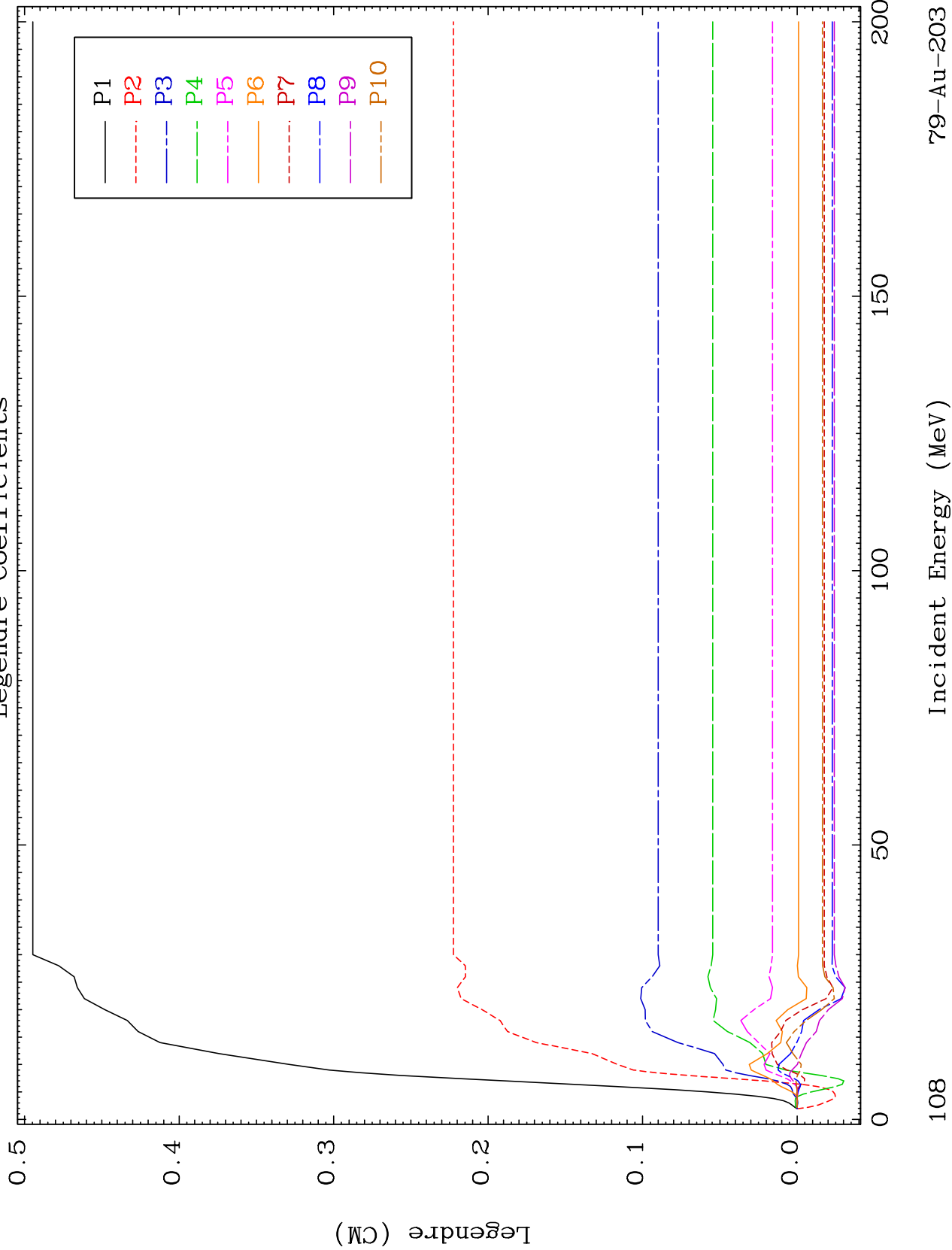
107

79-Au-203

MAT 7943

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

79-Au-203



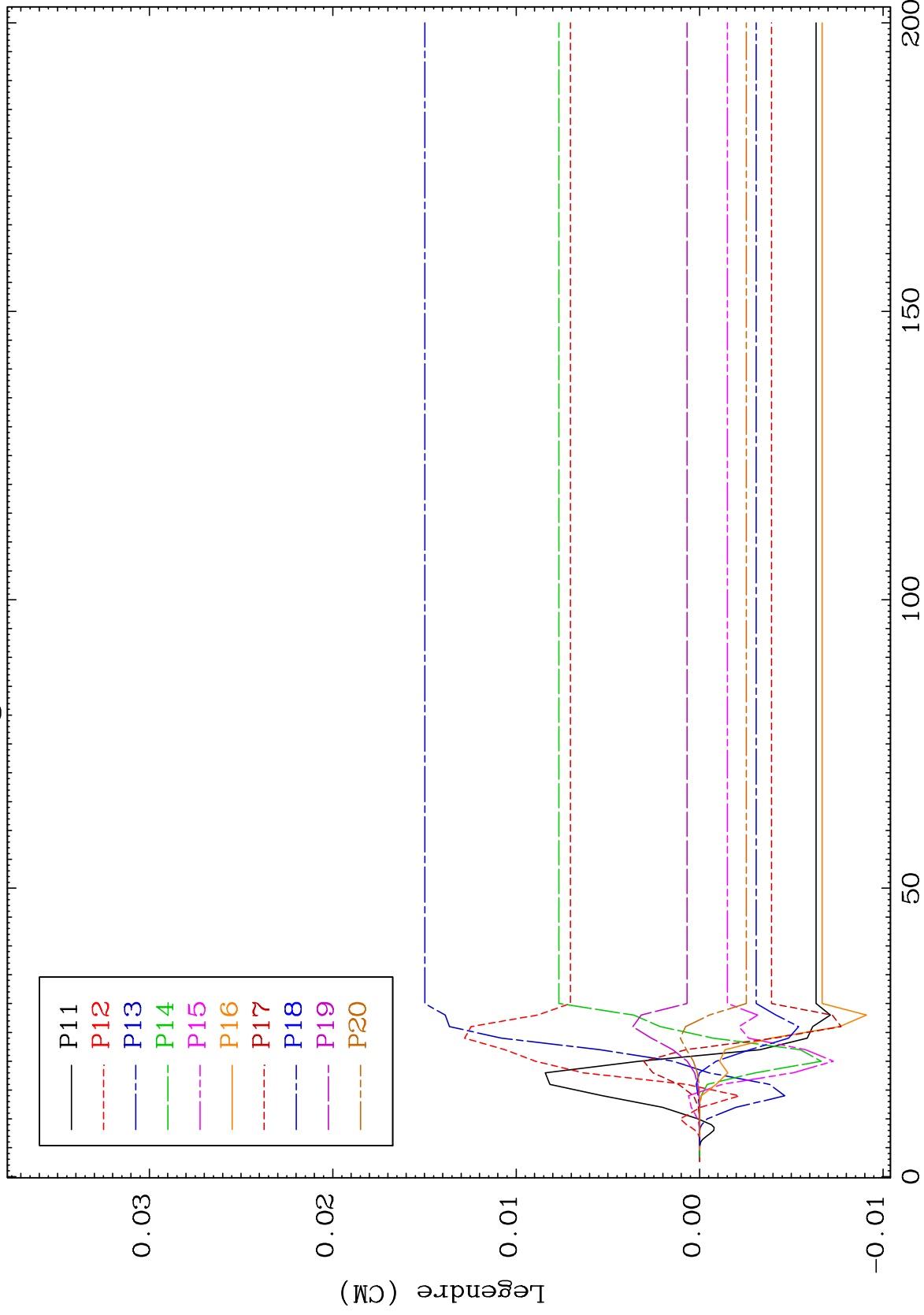
108

79-Au-203

MAT 7943

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

79-Au-203



109

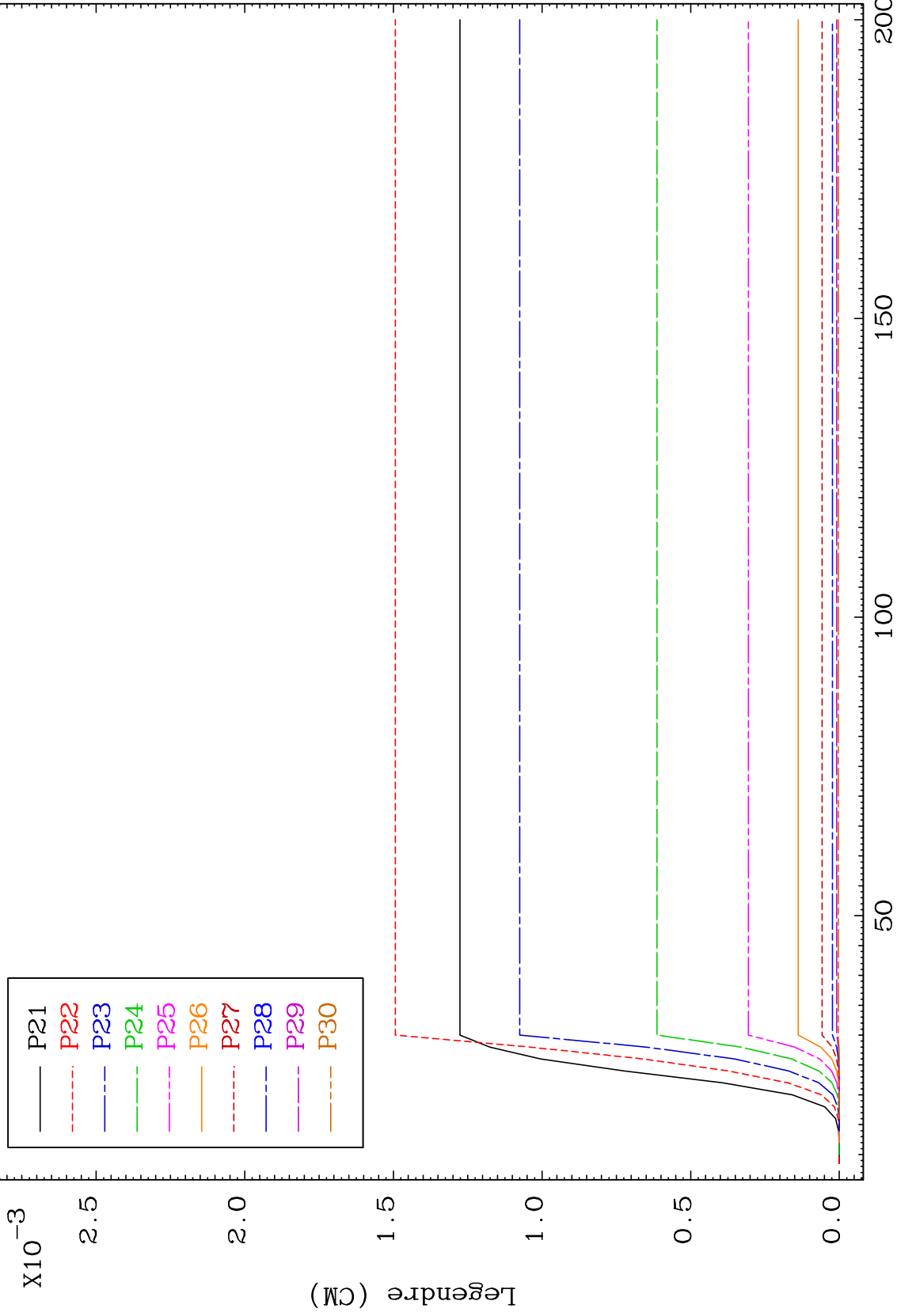
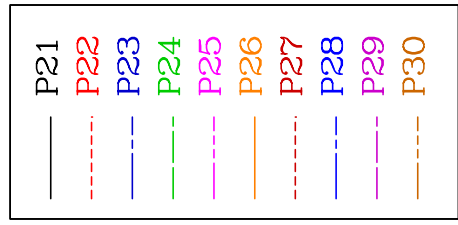
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



110

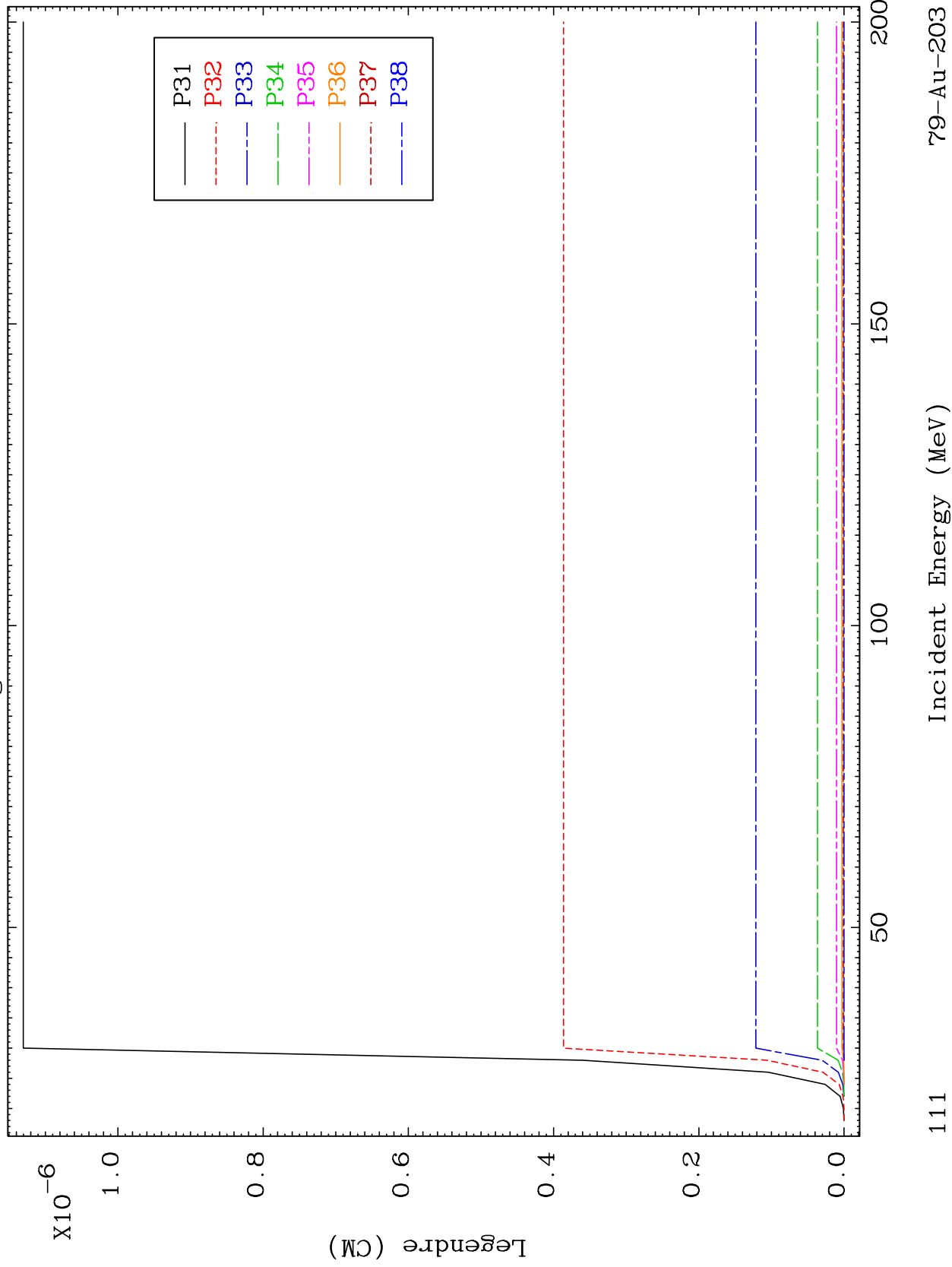
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



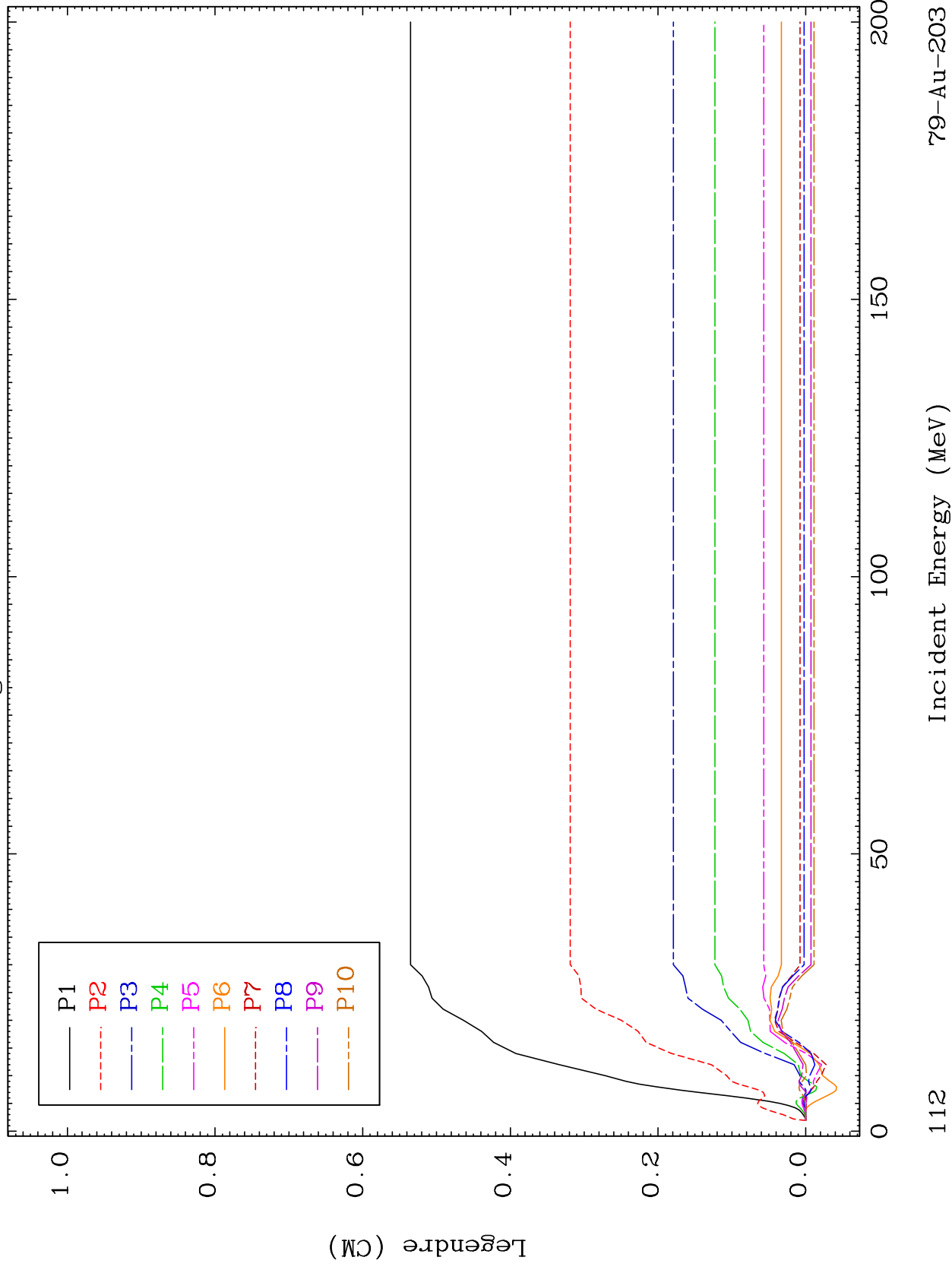
111

79-Au-203

MAT 7943

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

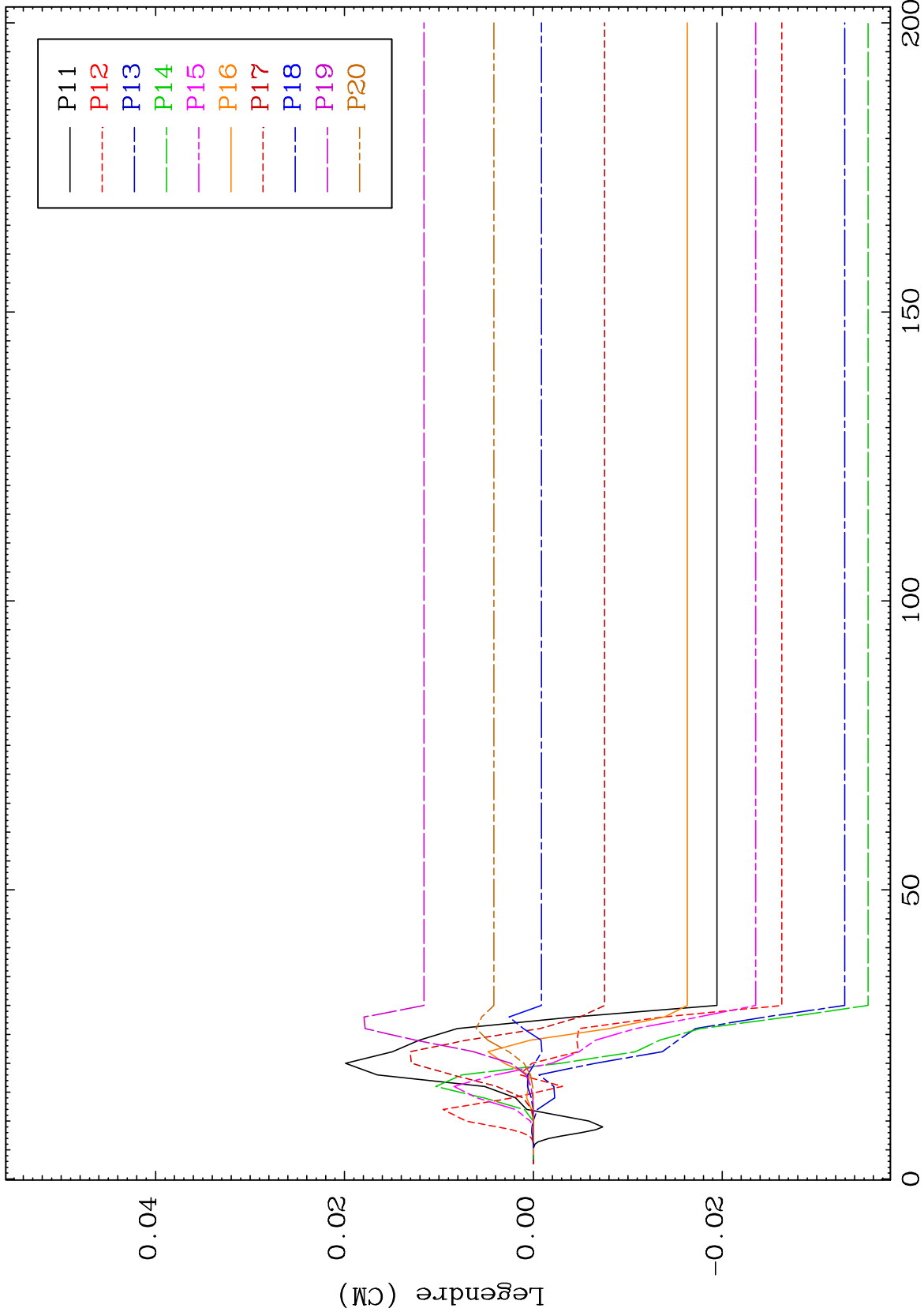
79-Au-203



MAT 7943

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

79-Au-203



113

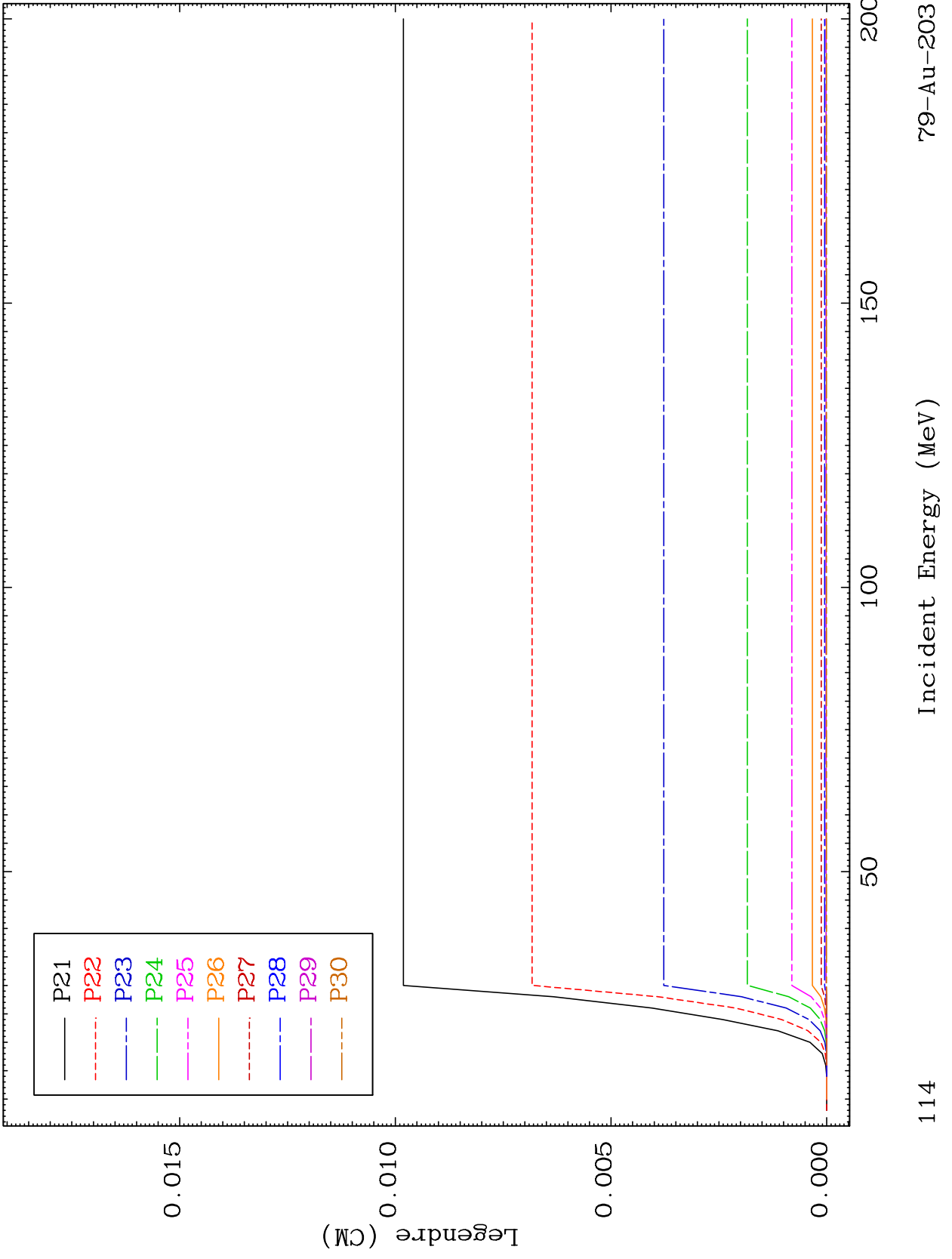
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



114

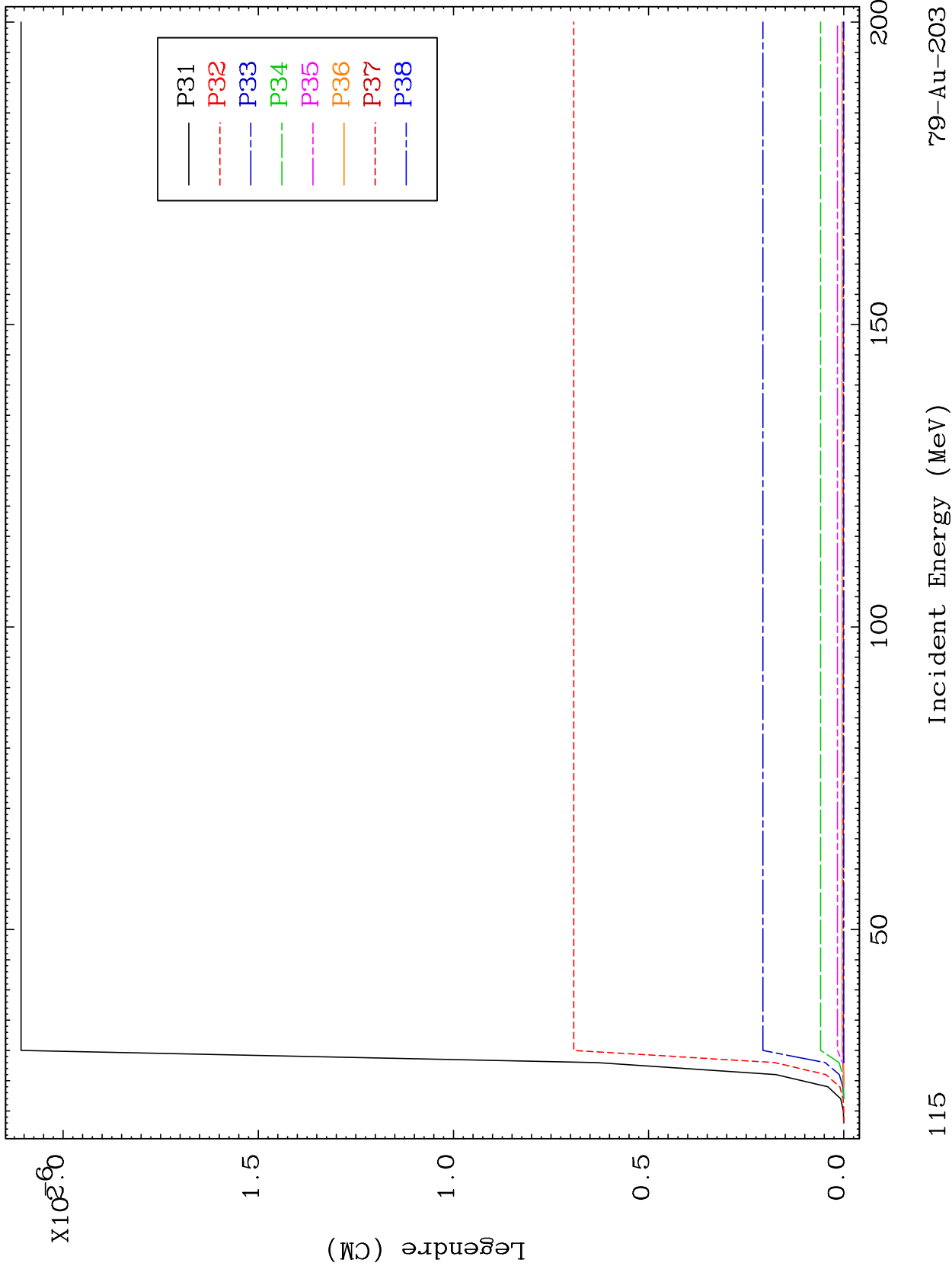
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



115

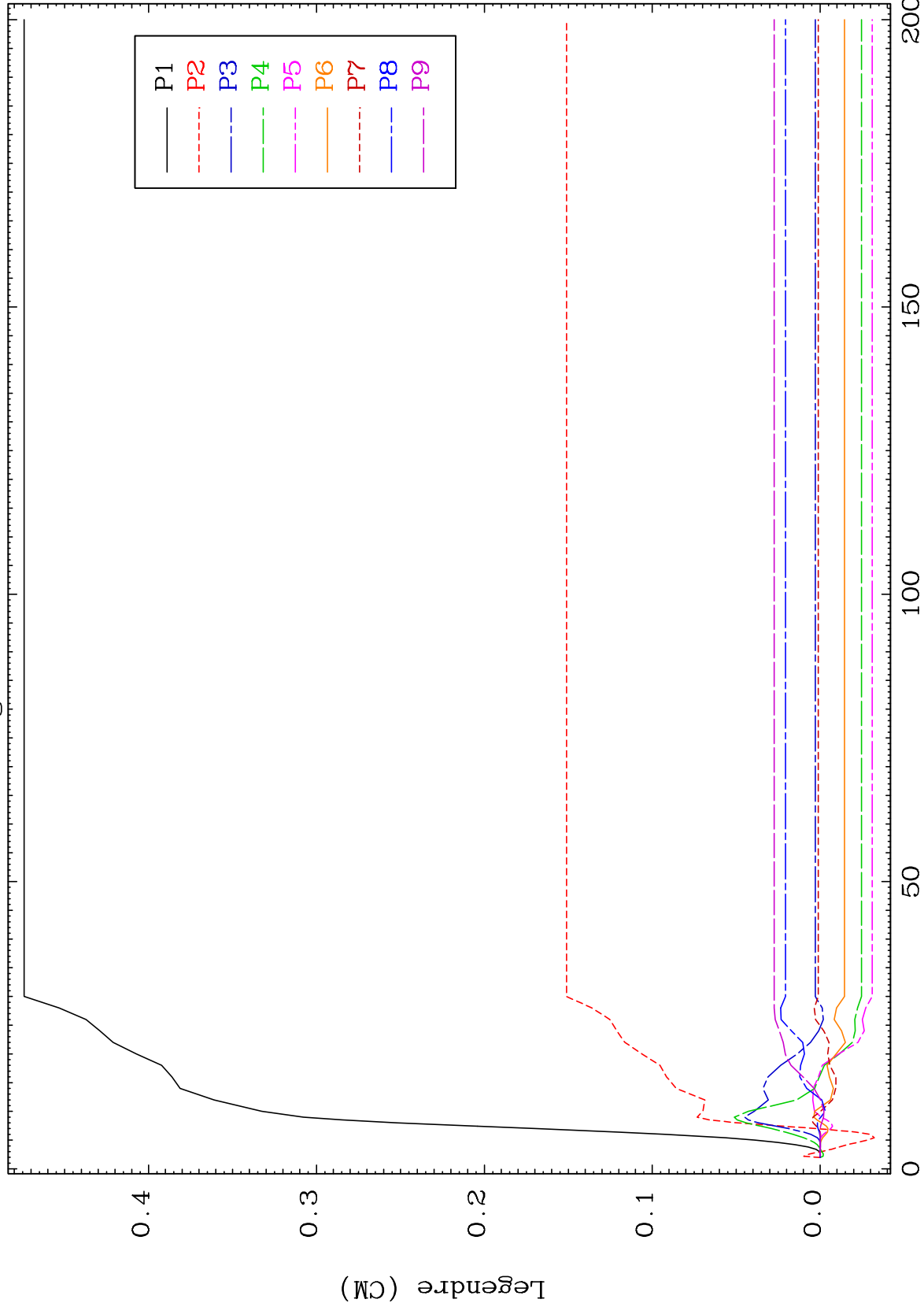
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



116

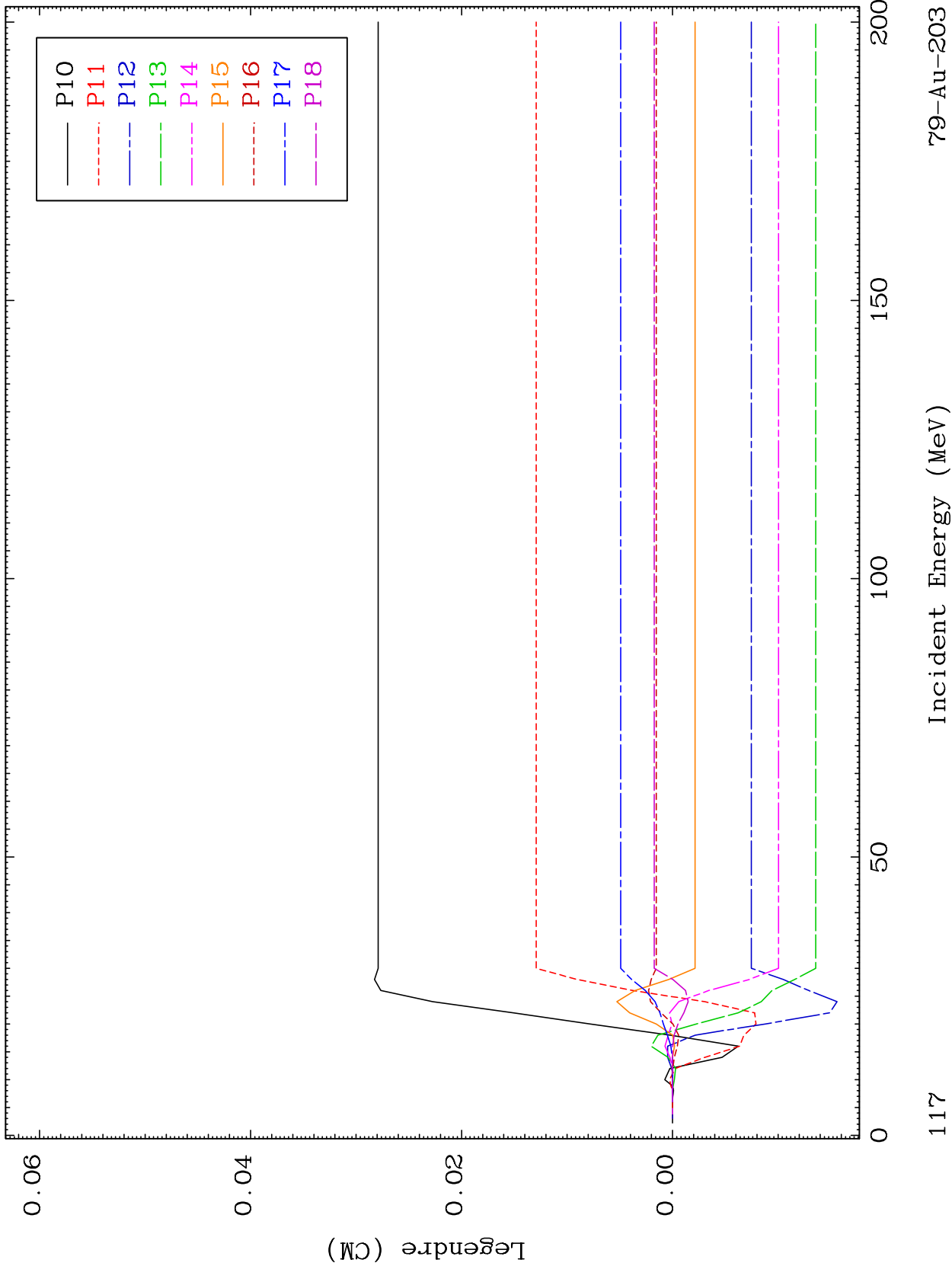
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



117

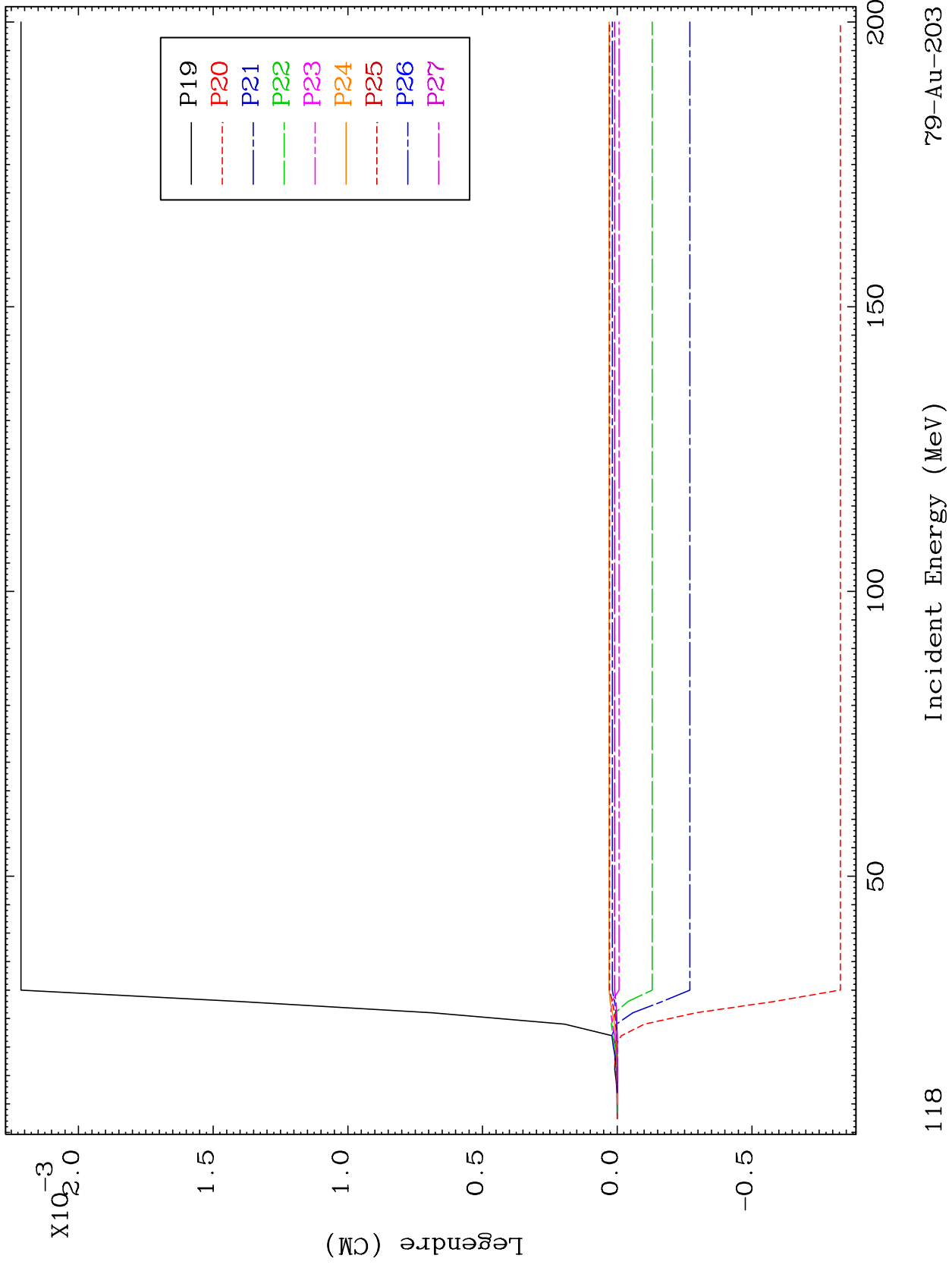
Incident Energy (MeV)

79-Au-203

MAT 7943

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

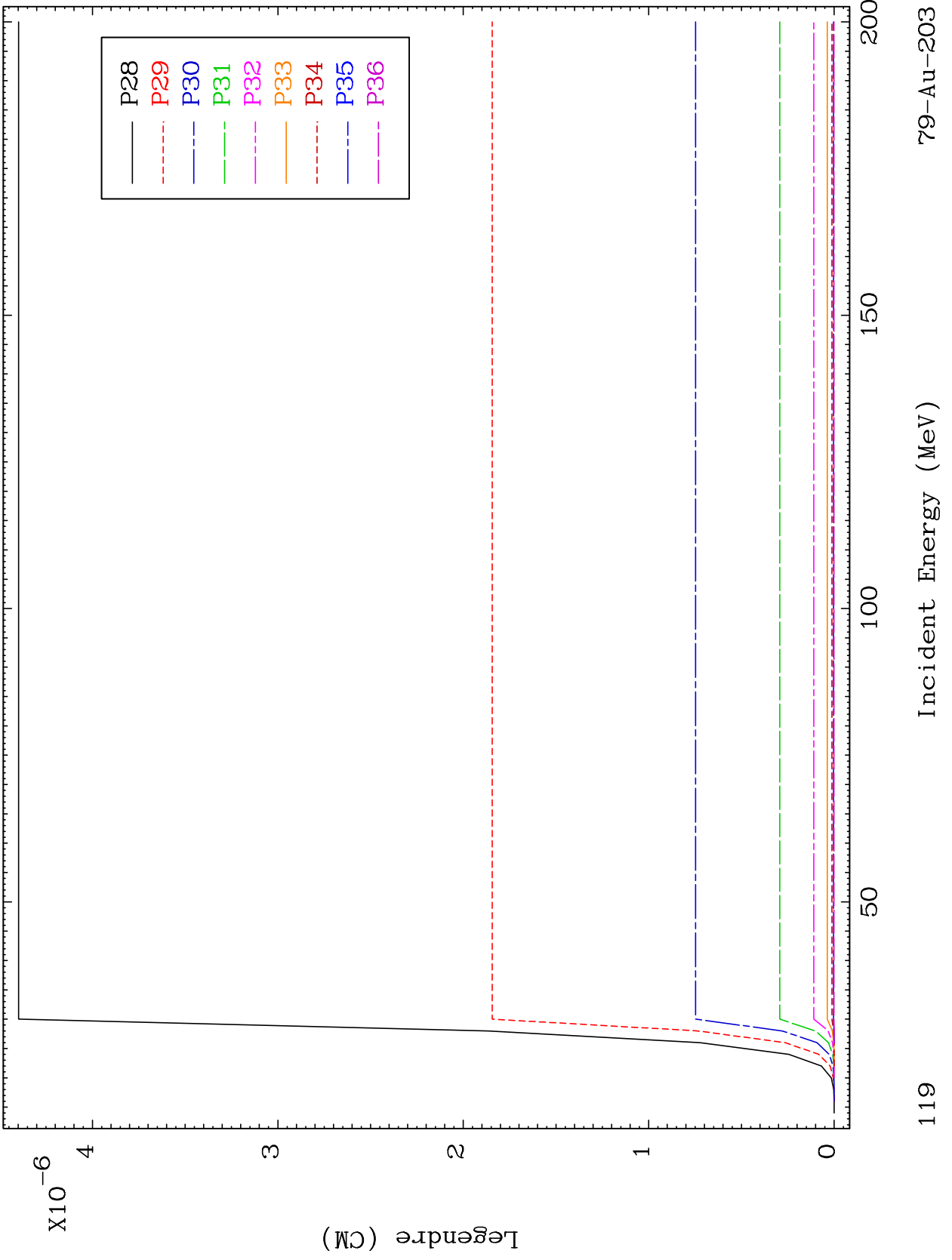
79-Au-203



MAT 7943

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

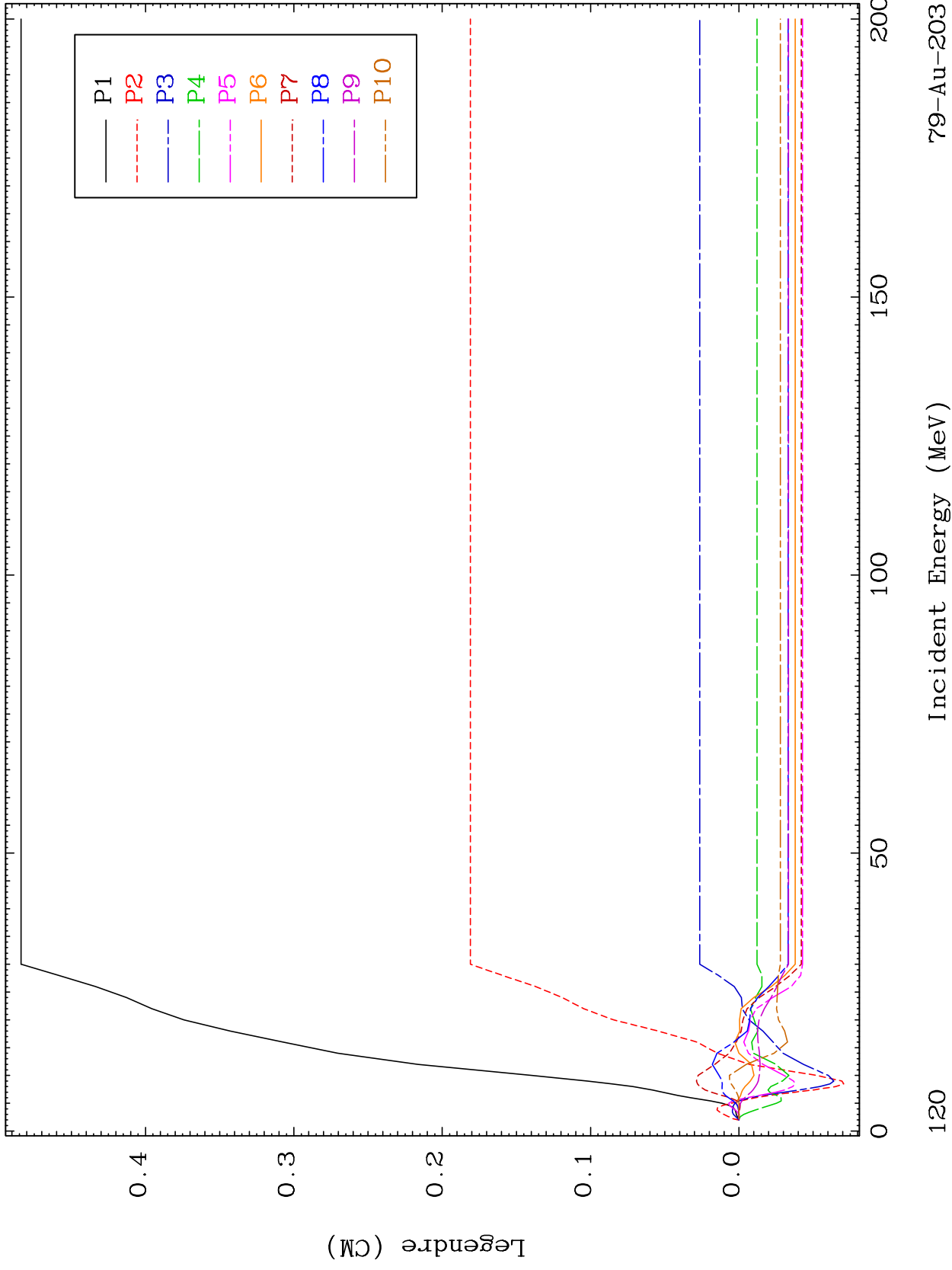
79-Au-203



MAT 7943

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

79-Au-203



79-Au-203

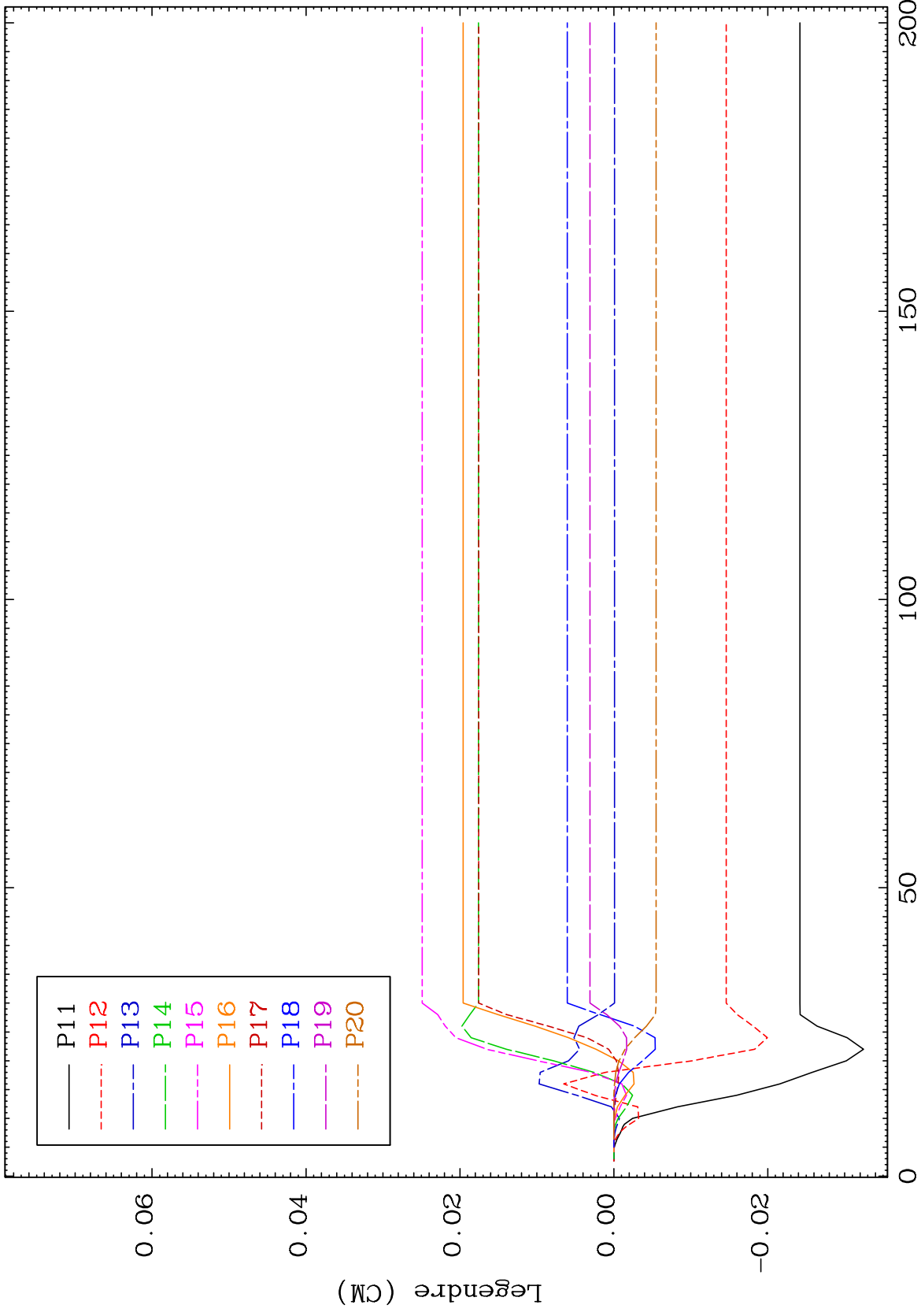
Incident Energy (MeV)

120

MAT 7943

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

79-Au-203



121

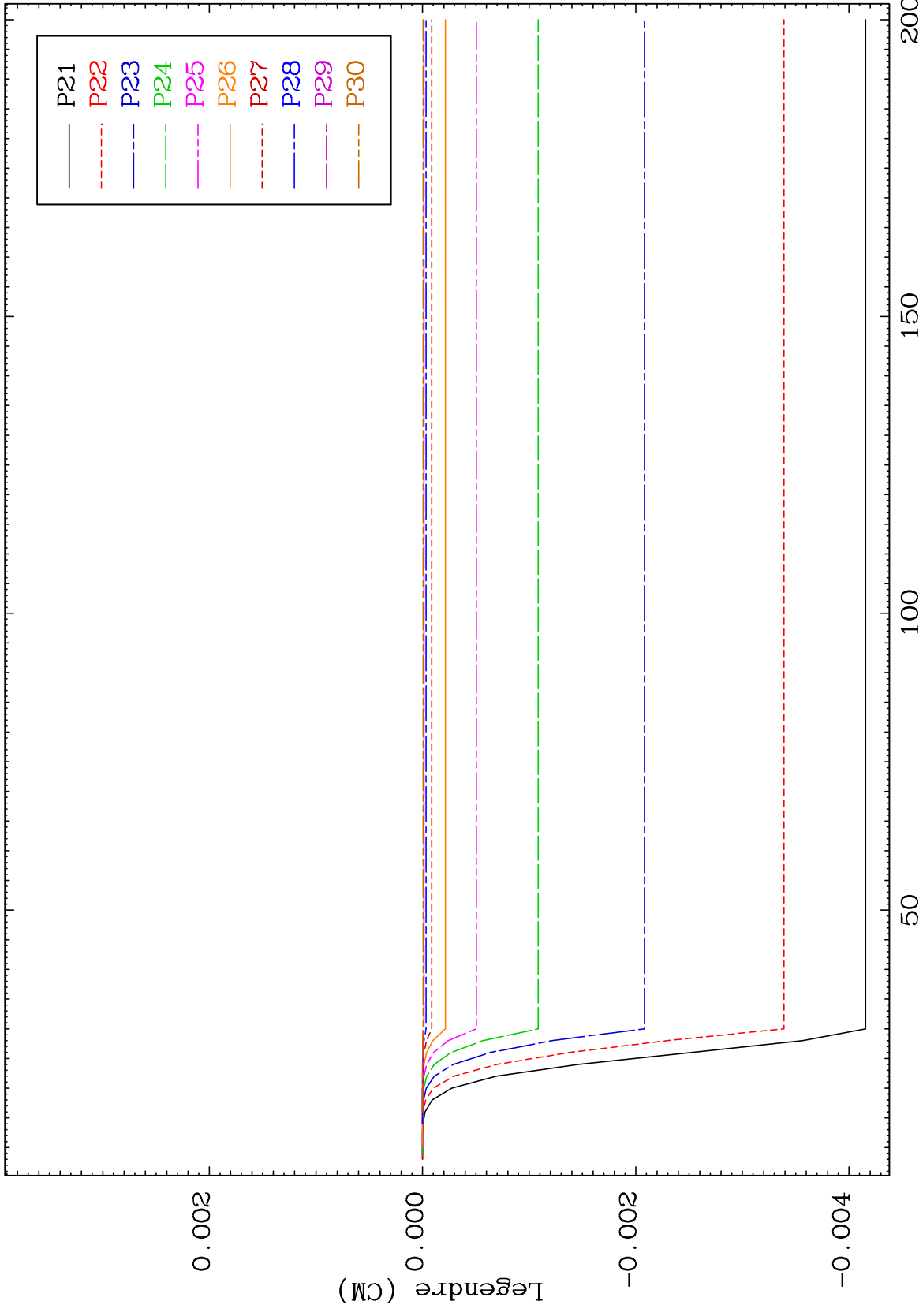
Incident Energy (MeV)

79-Au-203

MAT 7943

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

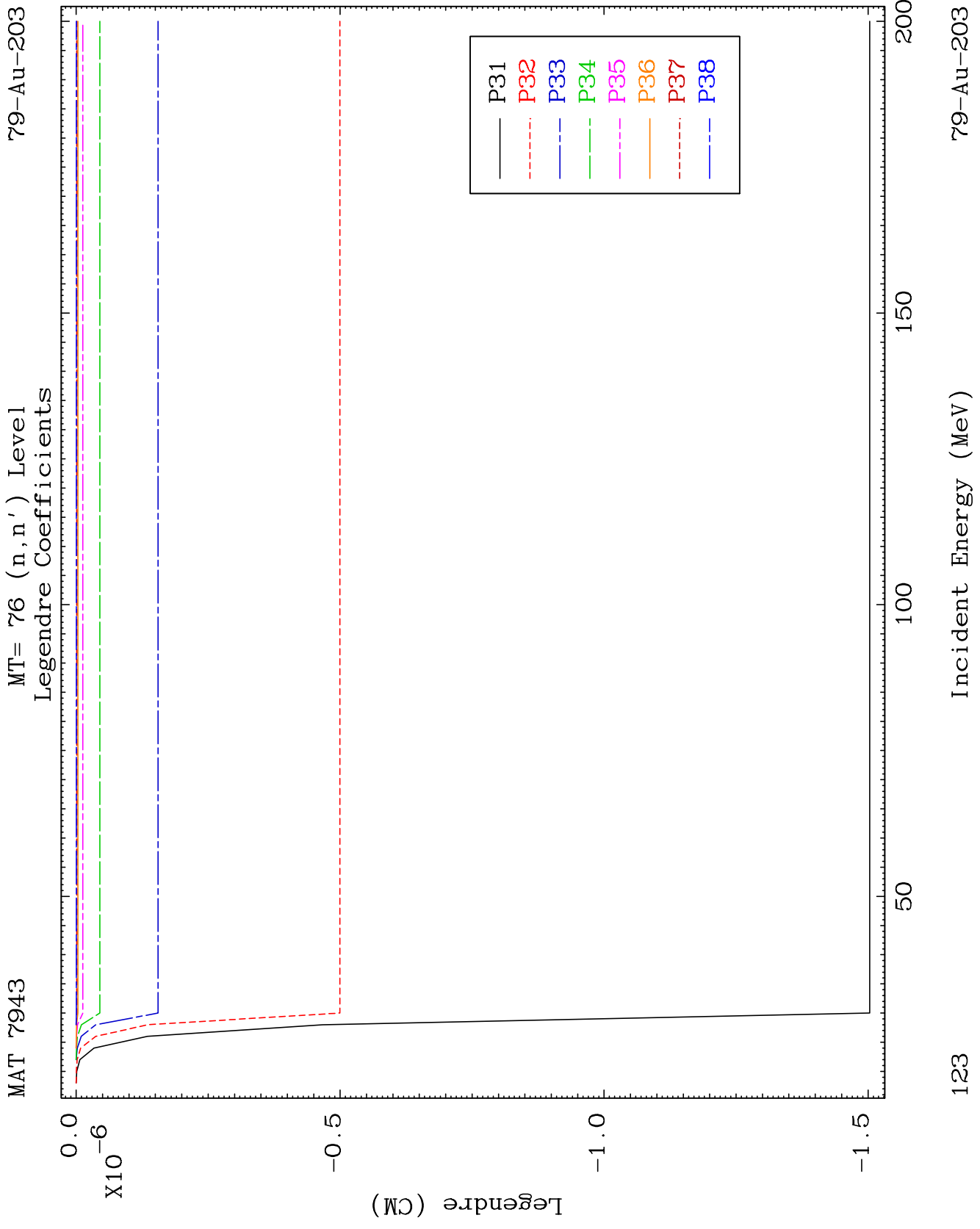
79-Au-203



122

Incident Energy (MeV)

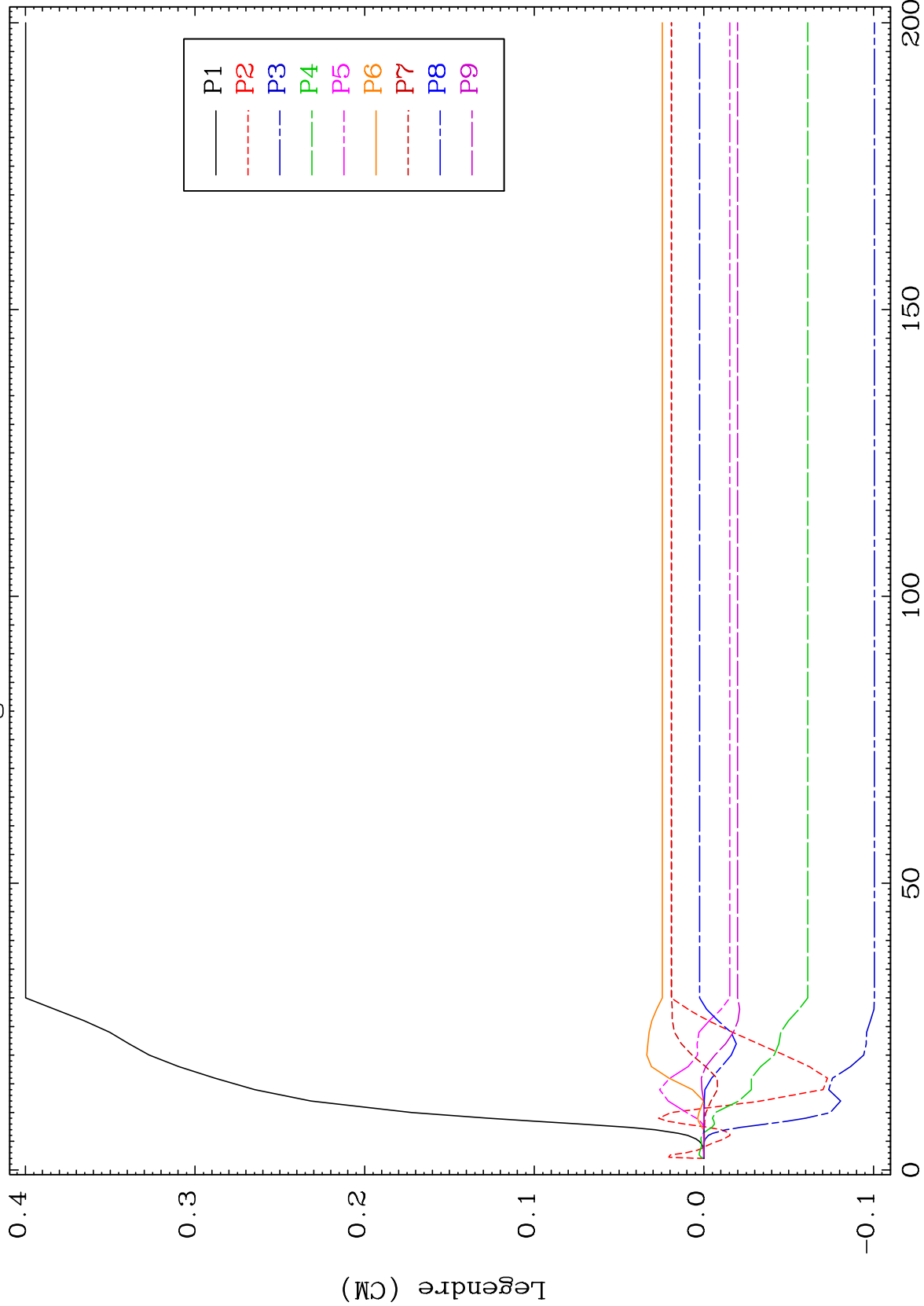
79-Au-203



MAT 7943

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

79-Au-203



124

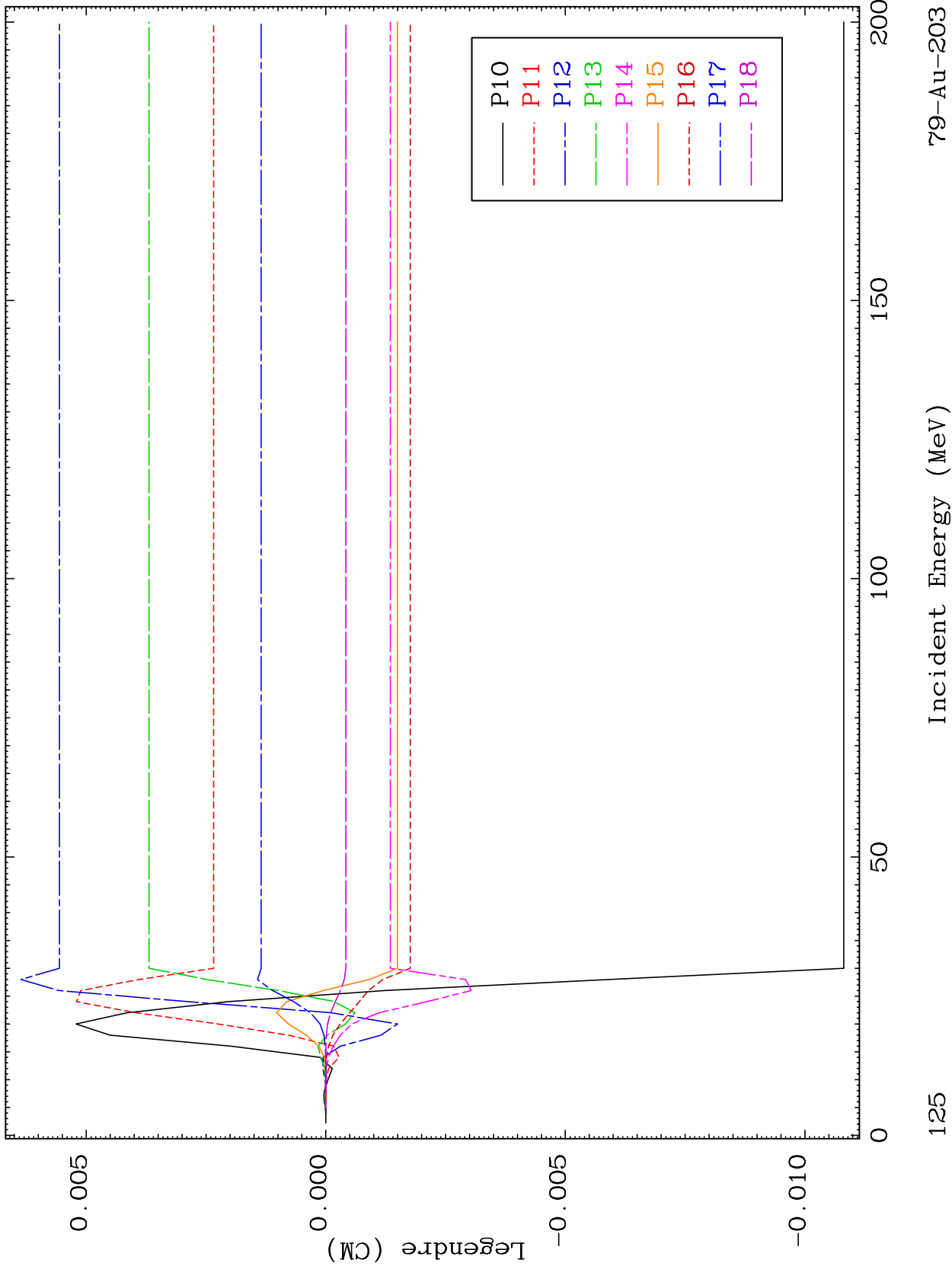
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



79-Au-203

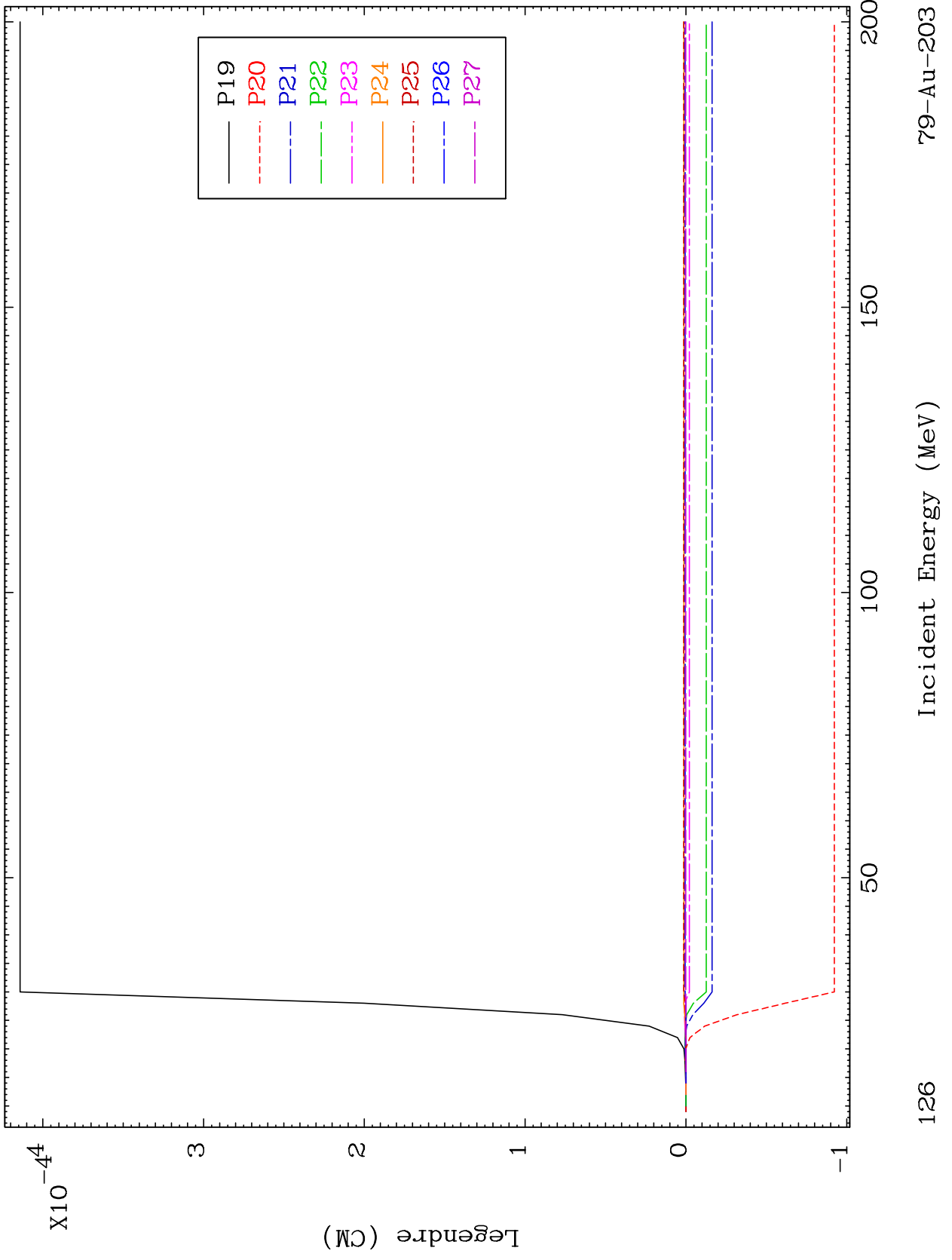
Incident Energy (MeV)

125

MAT 7943

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

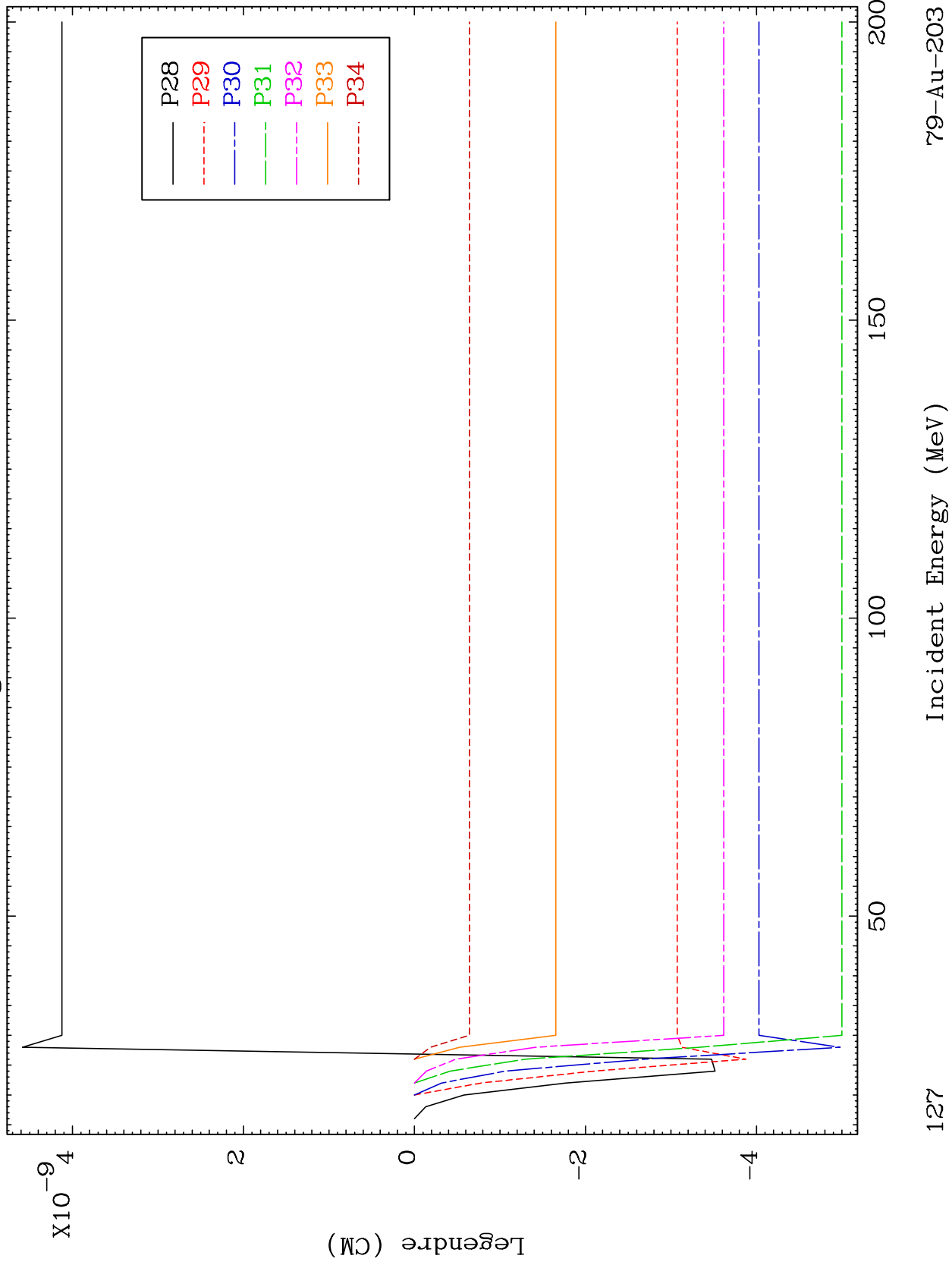
79-Au-203



MAT 7943

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

79-Au-203



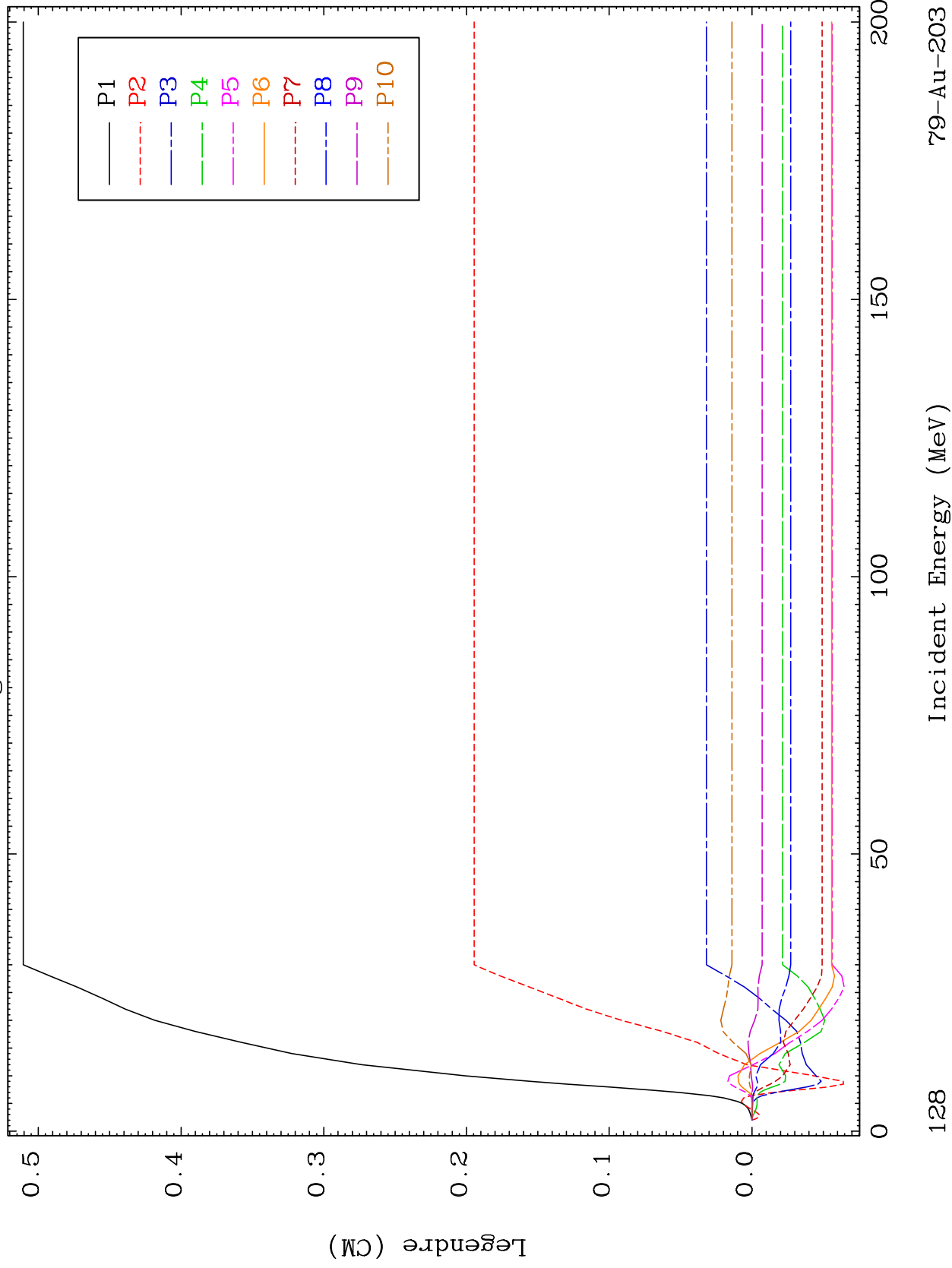
127

79-Au-203

MAT 7943

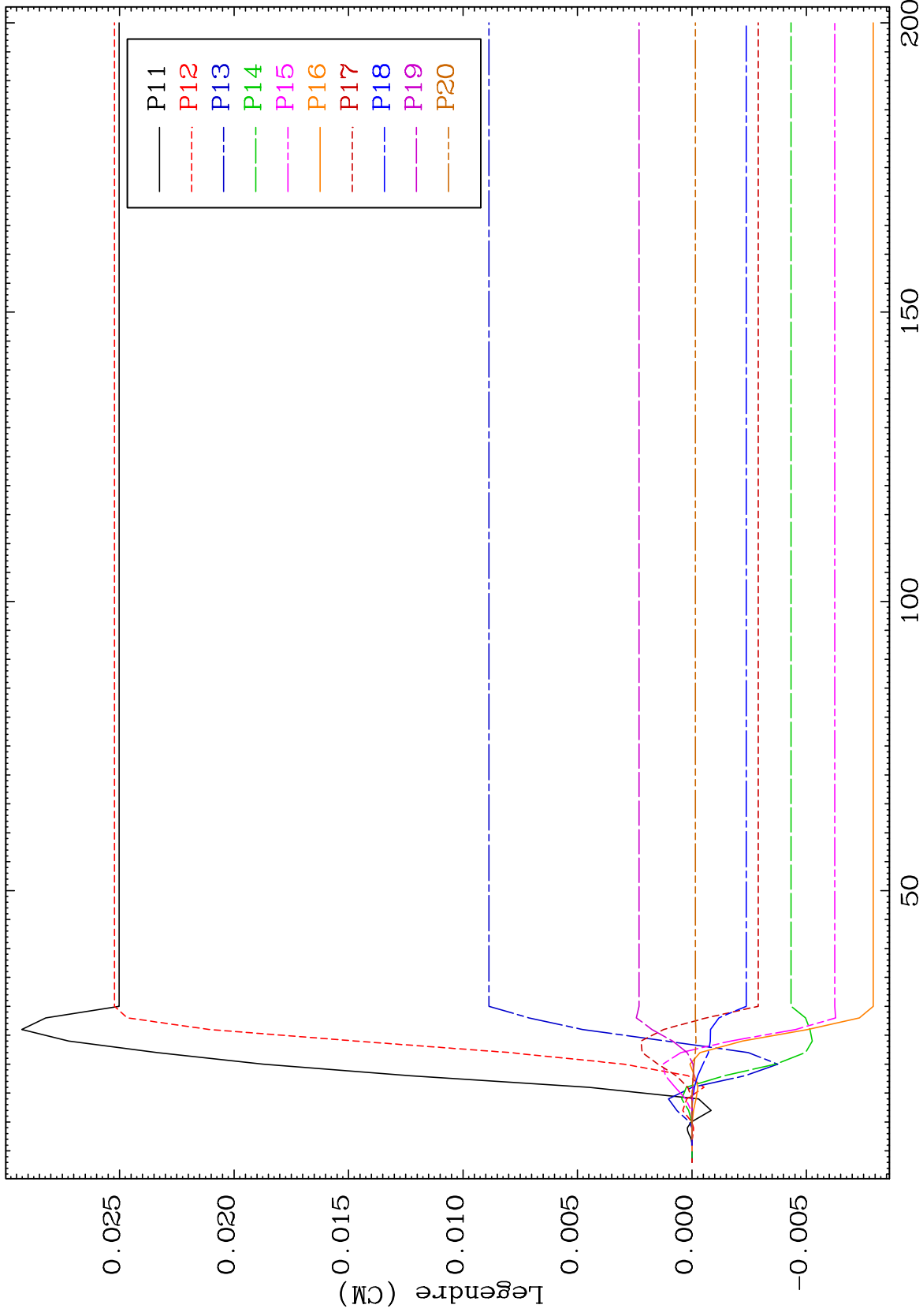
MT= 78 (n,n') Level
Legendre Coefficients

79-Au-203



128

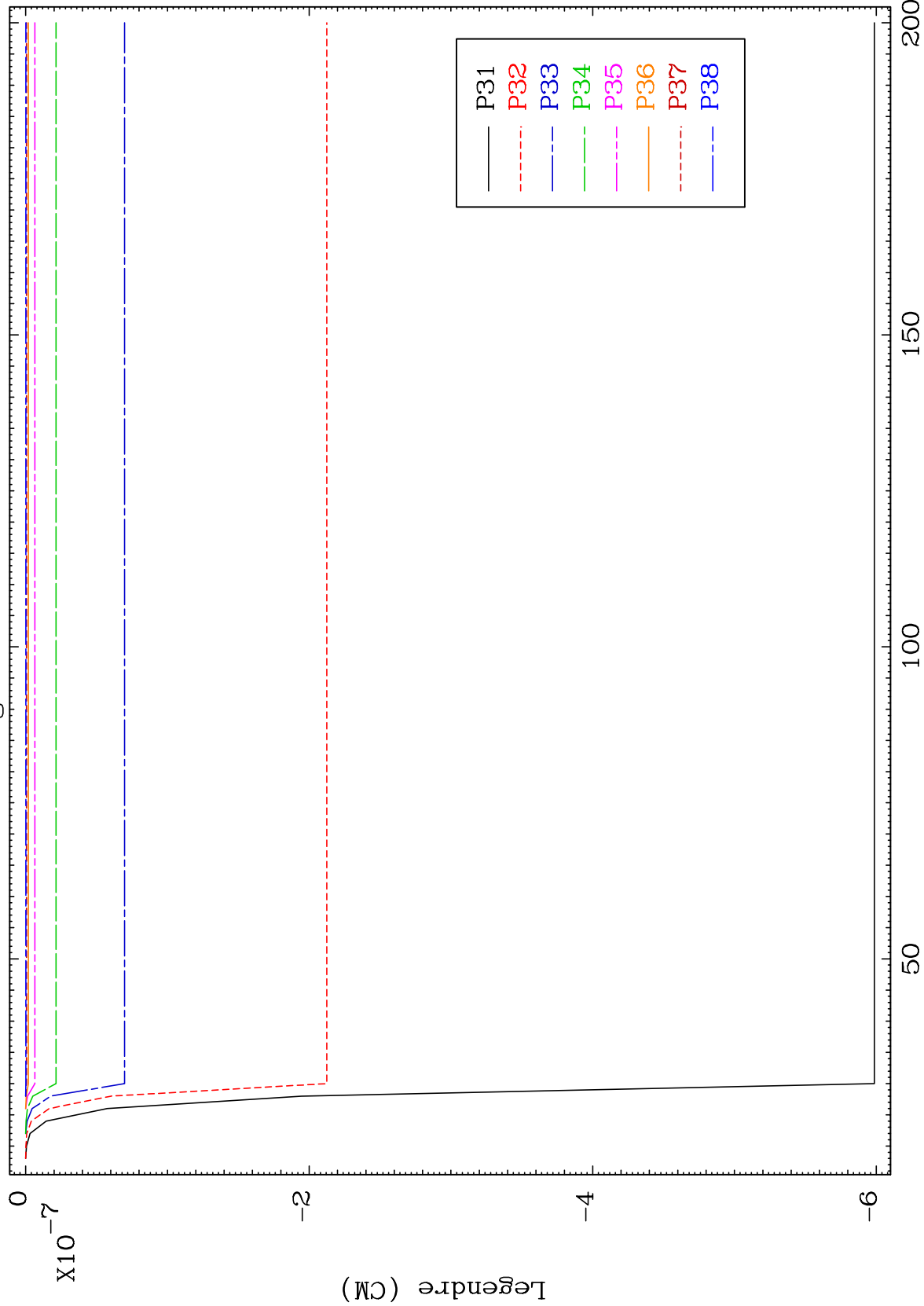
79-Au-203



MAT 7943

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

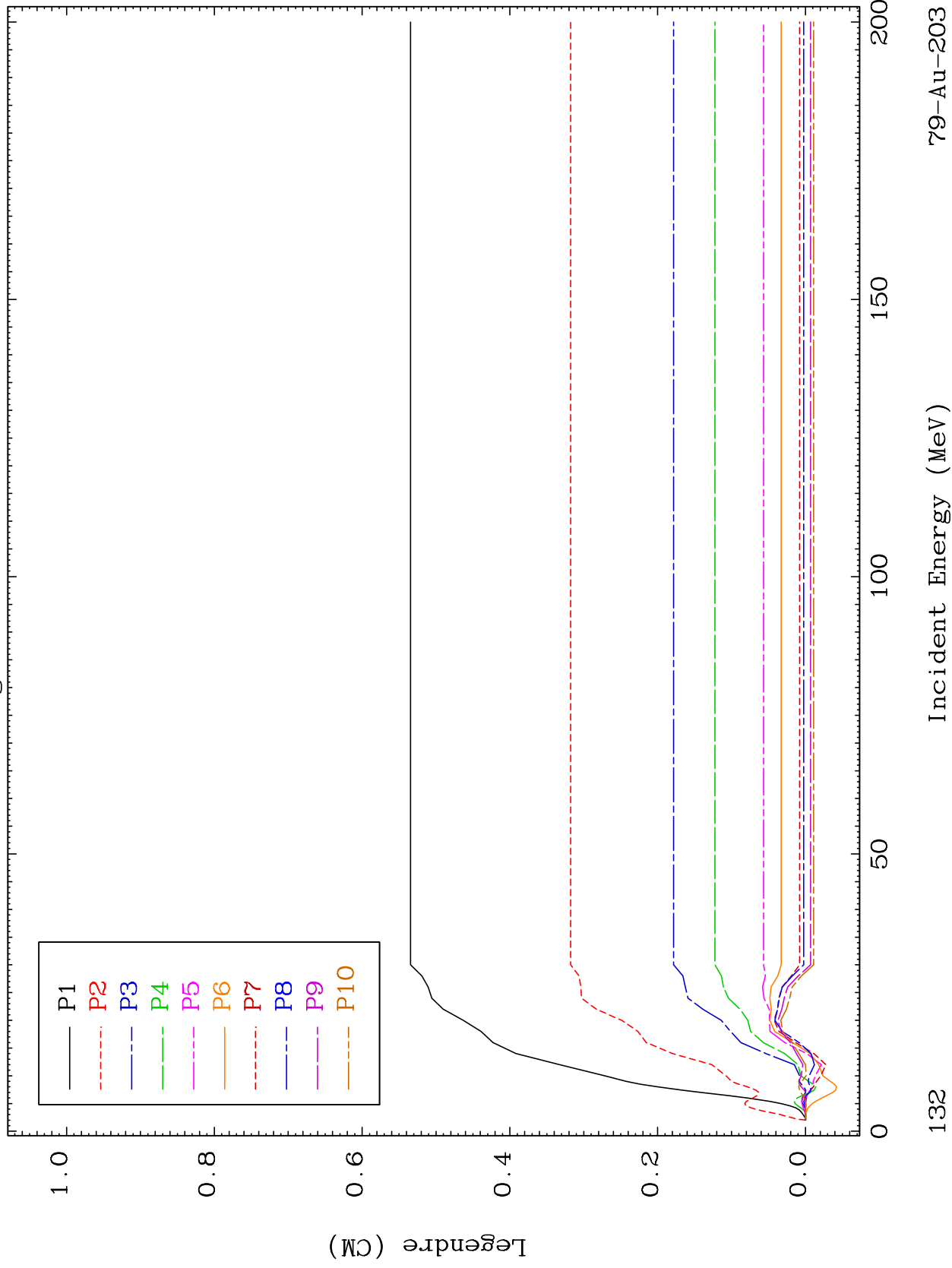
79-Au-203



MAT 7943

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

79-Au-203

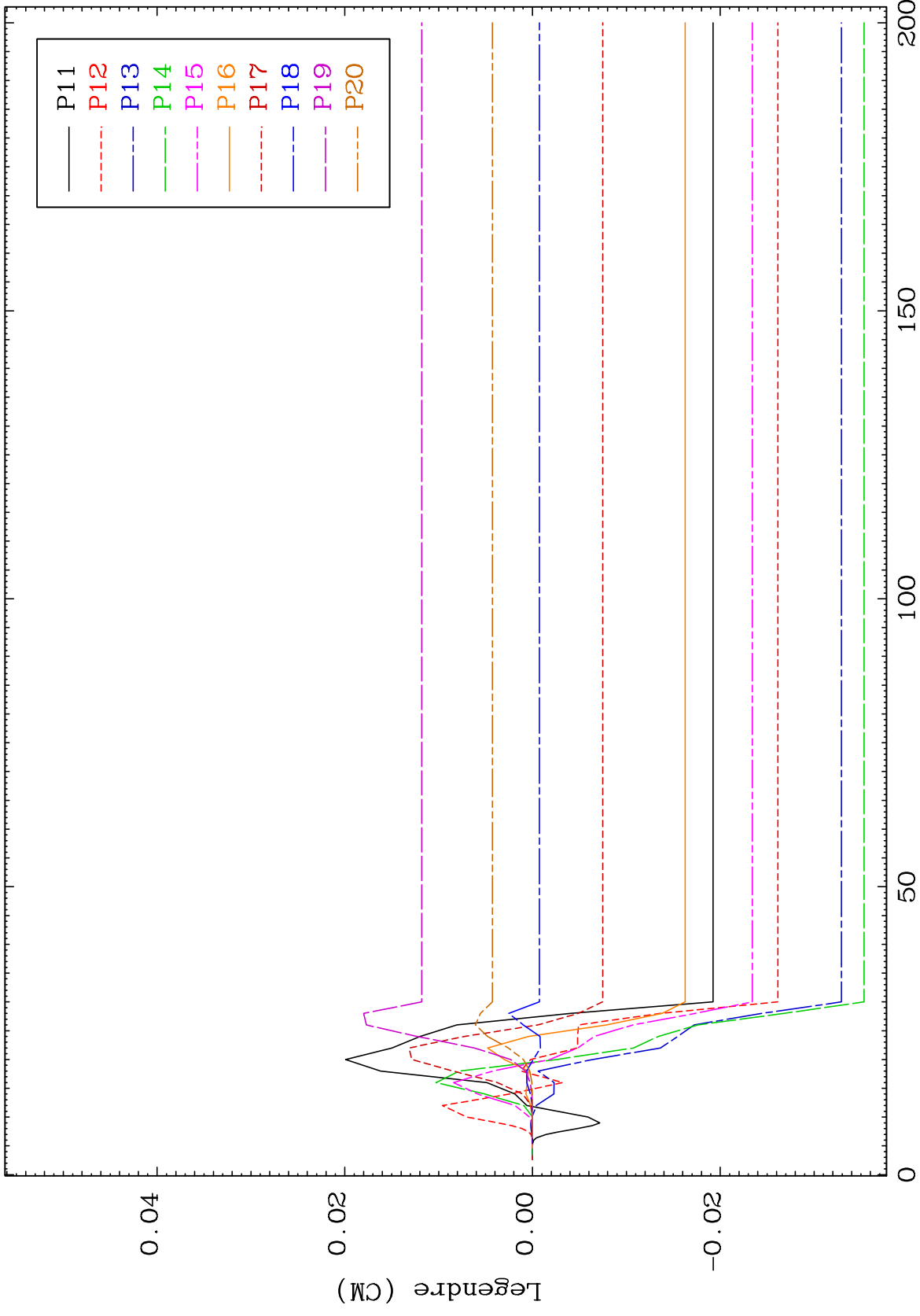


132

MAT 7943

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

79-Au-203



133

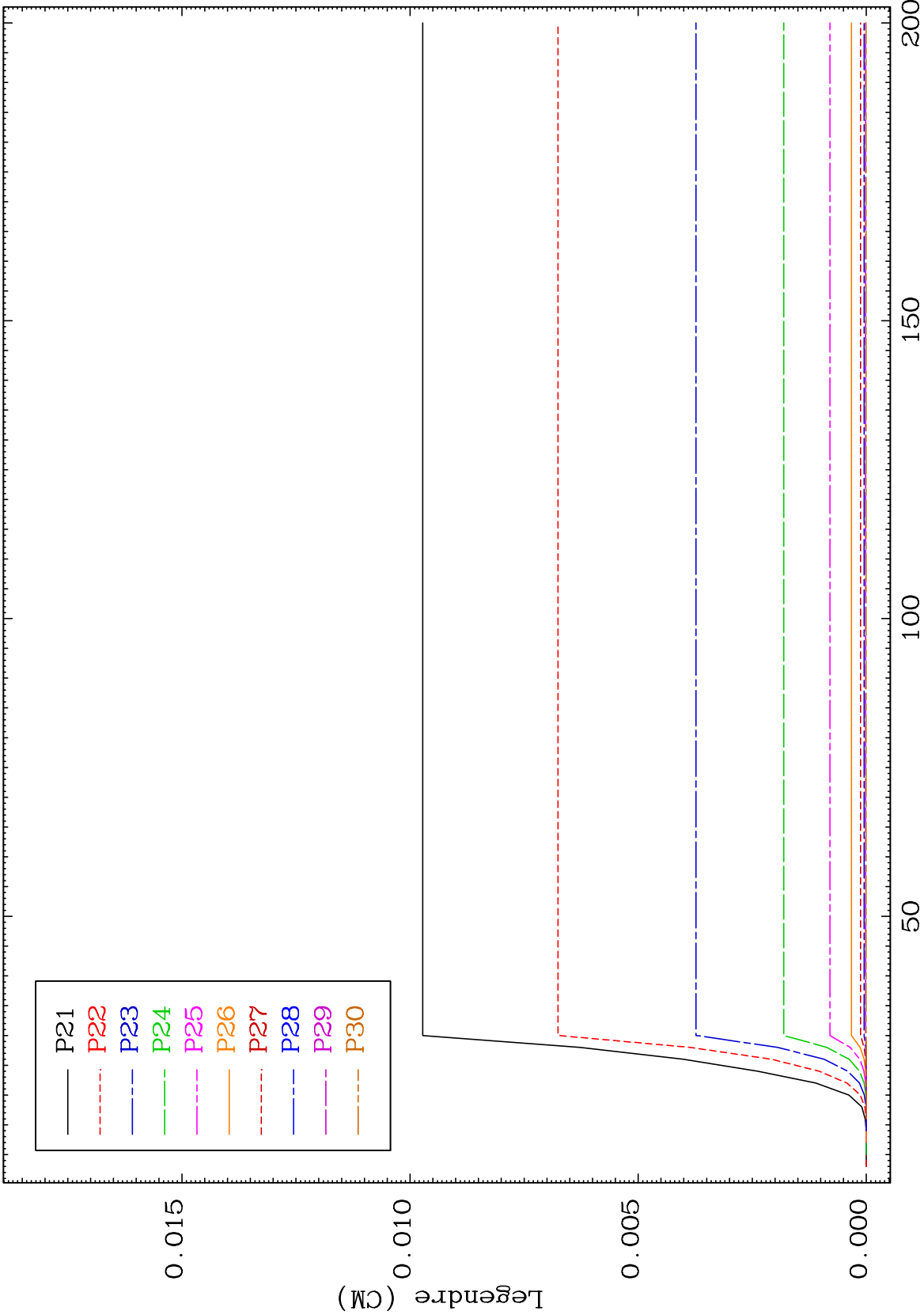
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



134

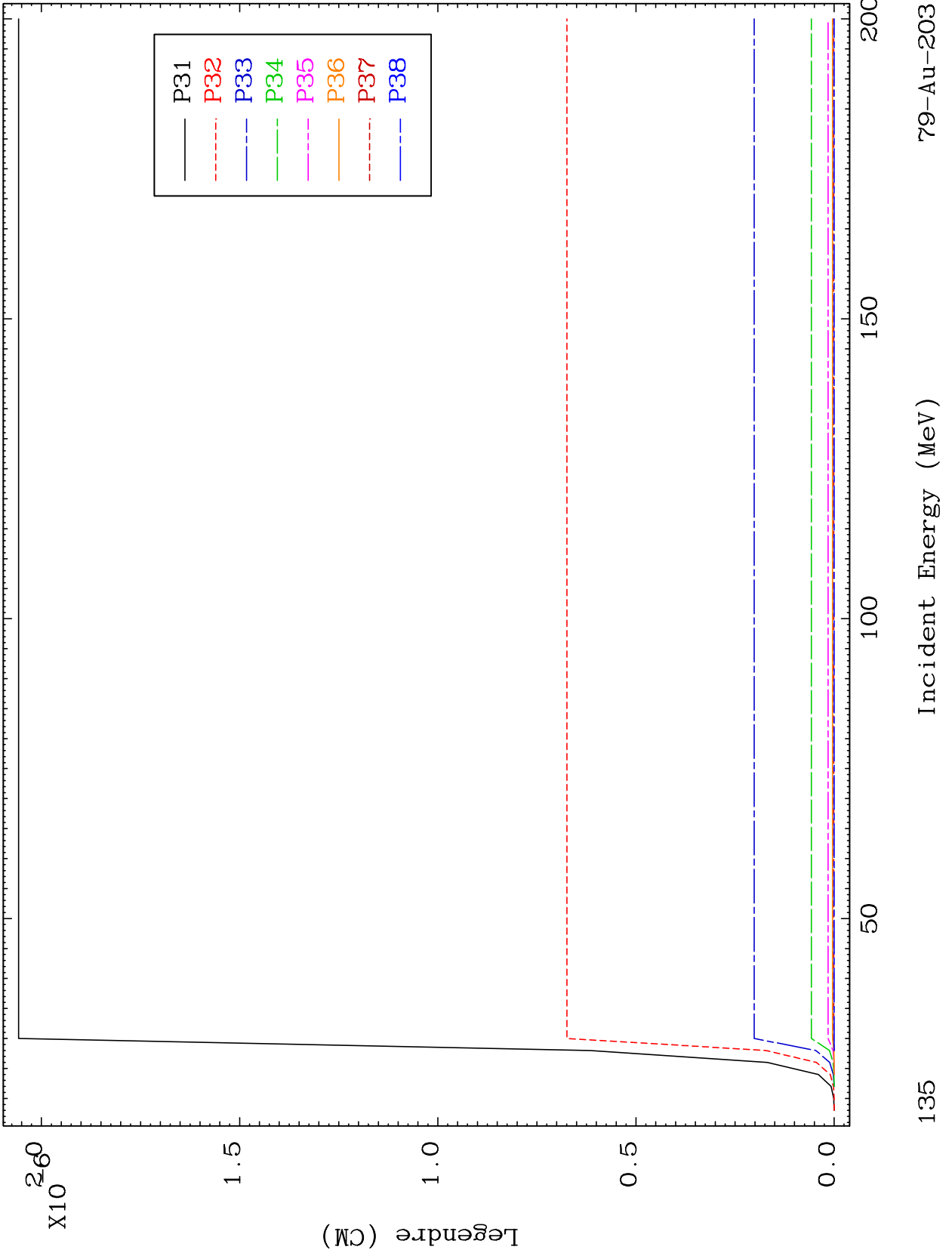
Incident Energy (MeV)

79-Au-203

MAT 7943

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

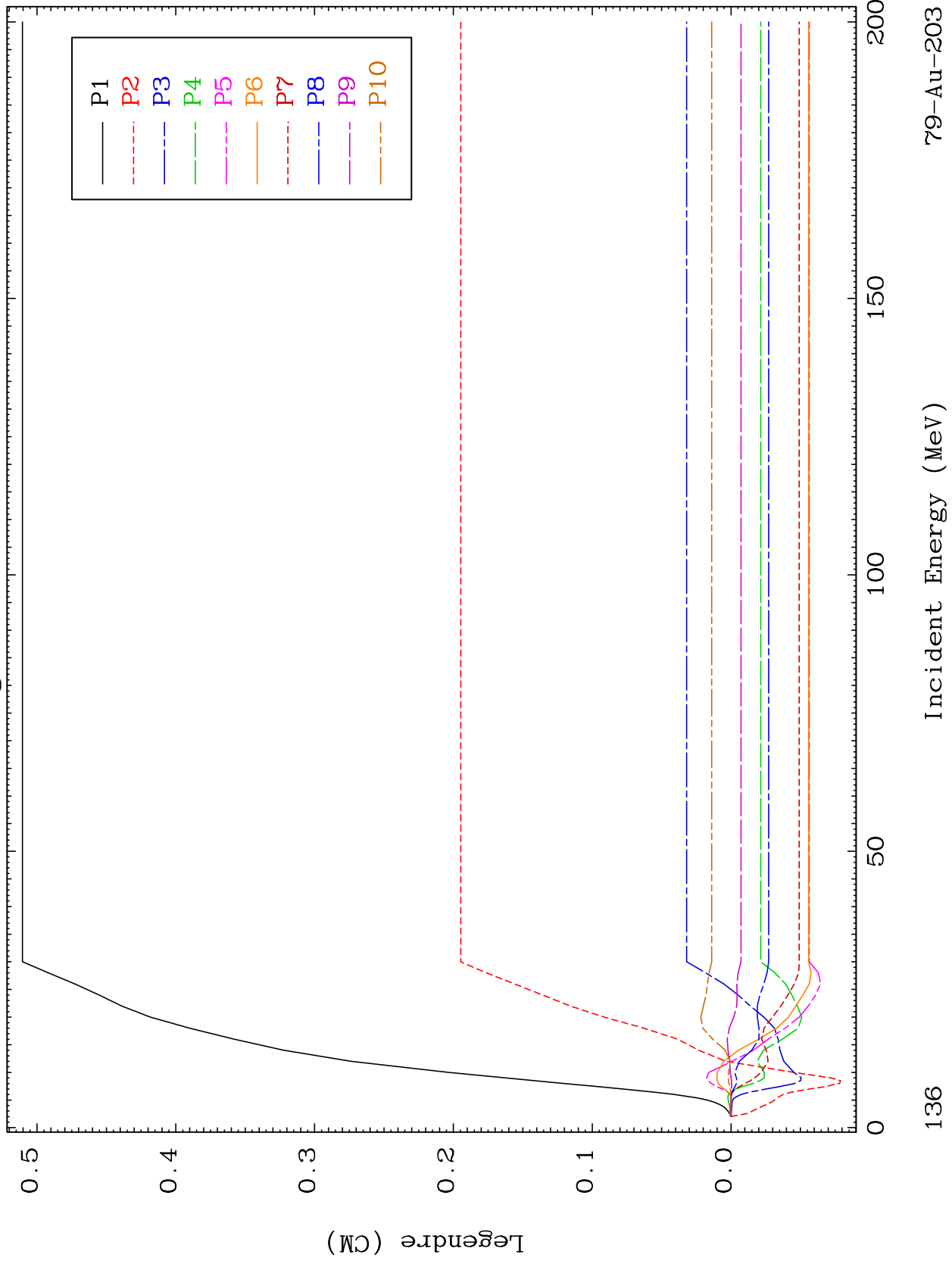
79-Au-203



MAT 7943

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

79-Au-203



79-Au-203

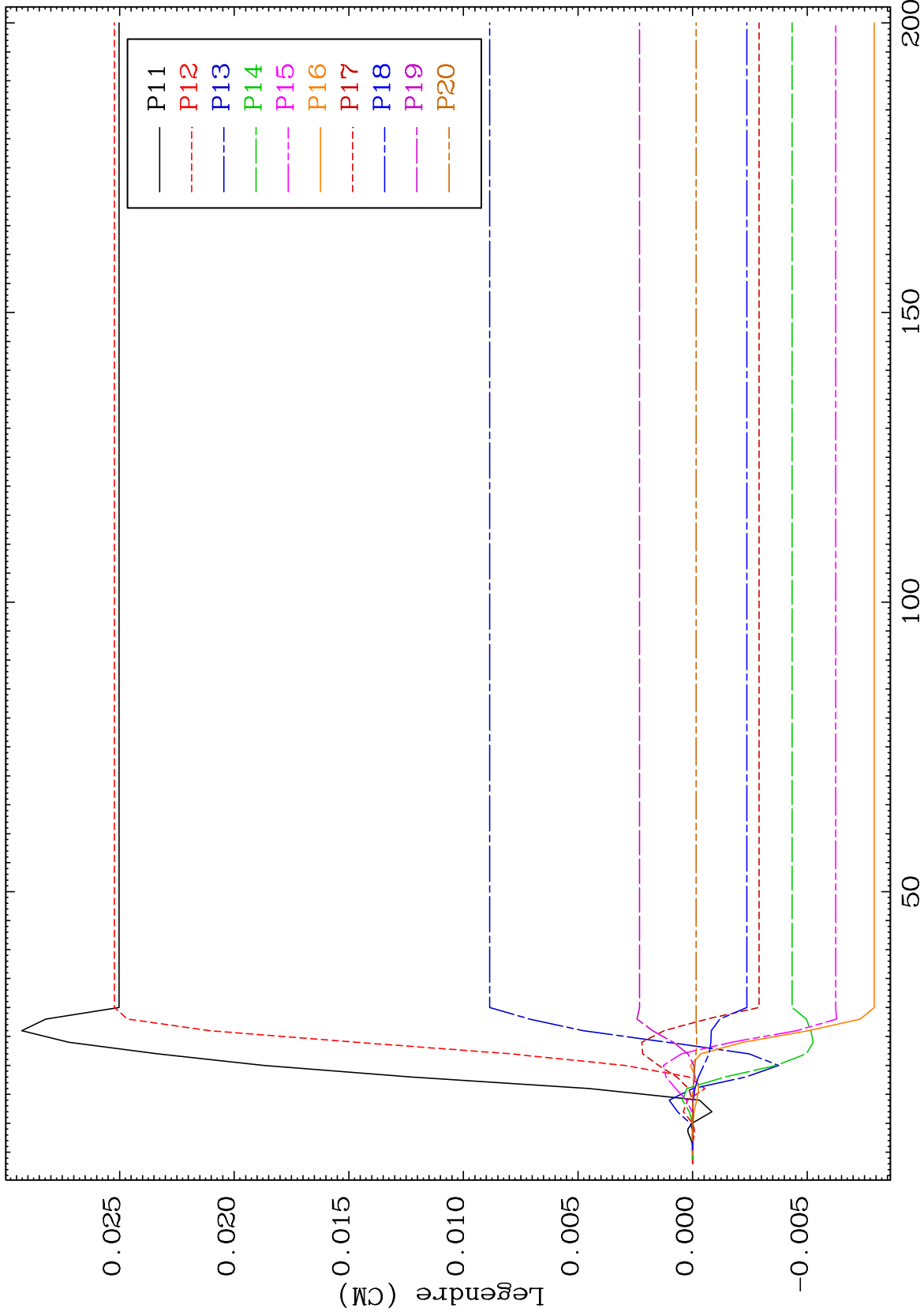
Incident Energy (MeV)

136

MAT 7943

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

79-Au-203



137

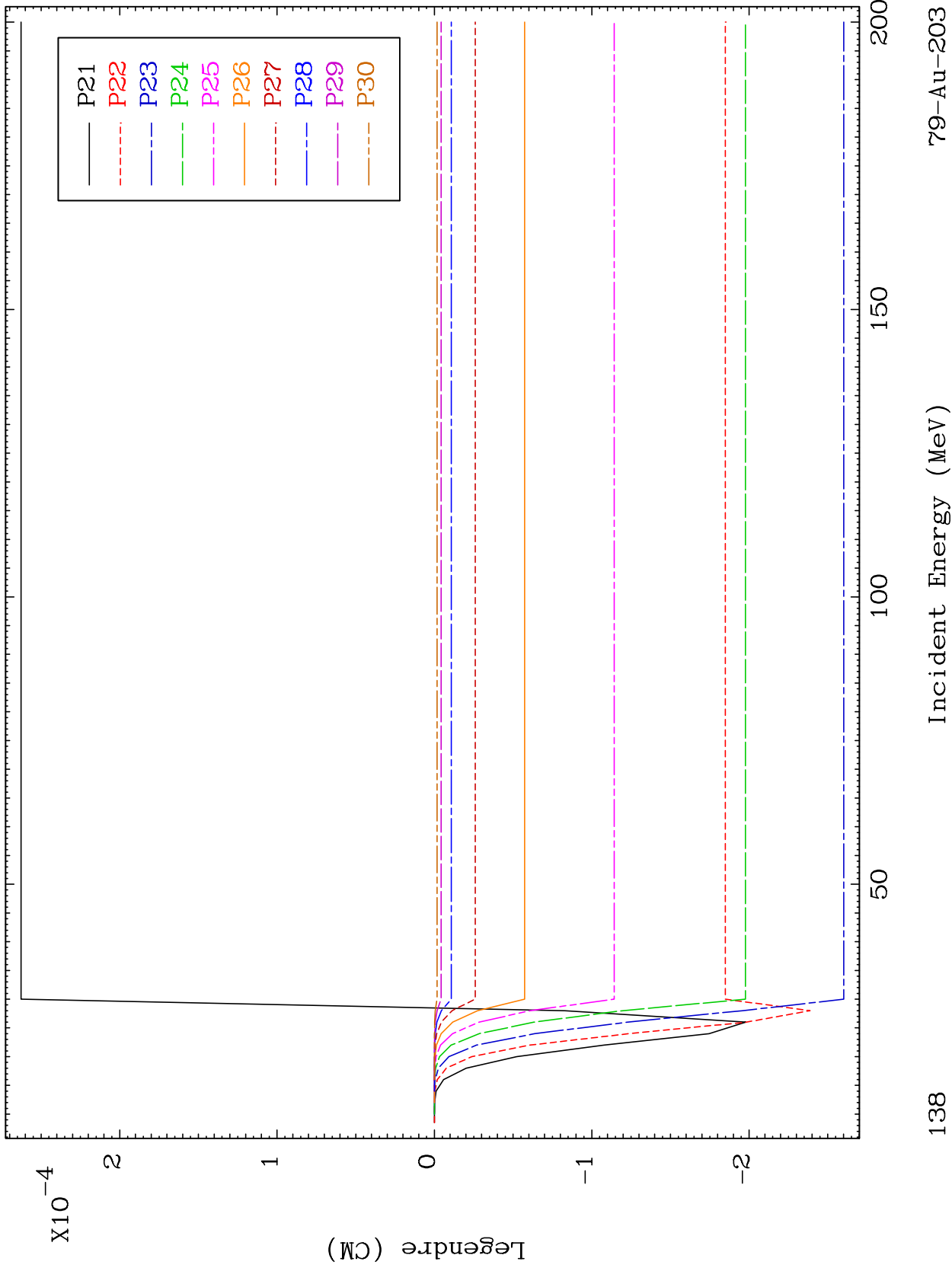
Incident Energy (MeV)

79-Au-203

MAT 7943

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

79-Au-203



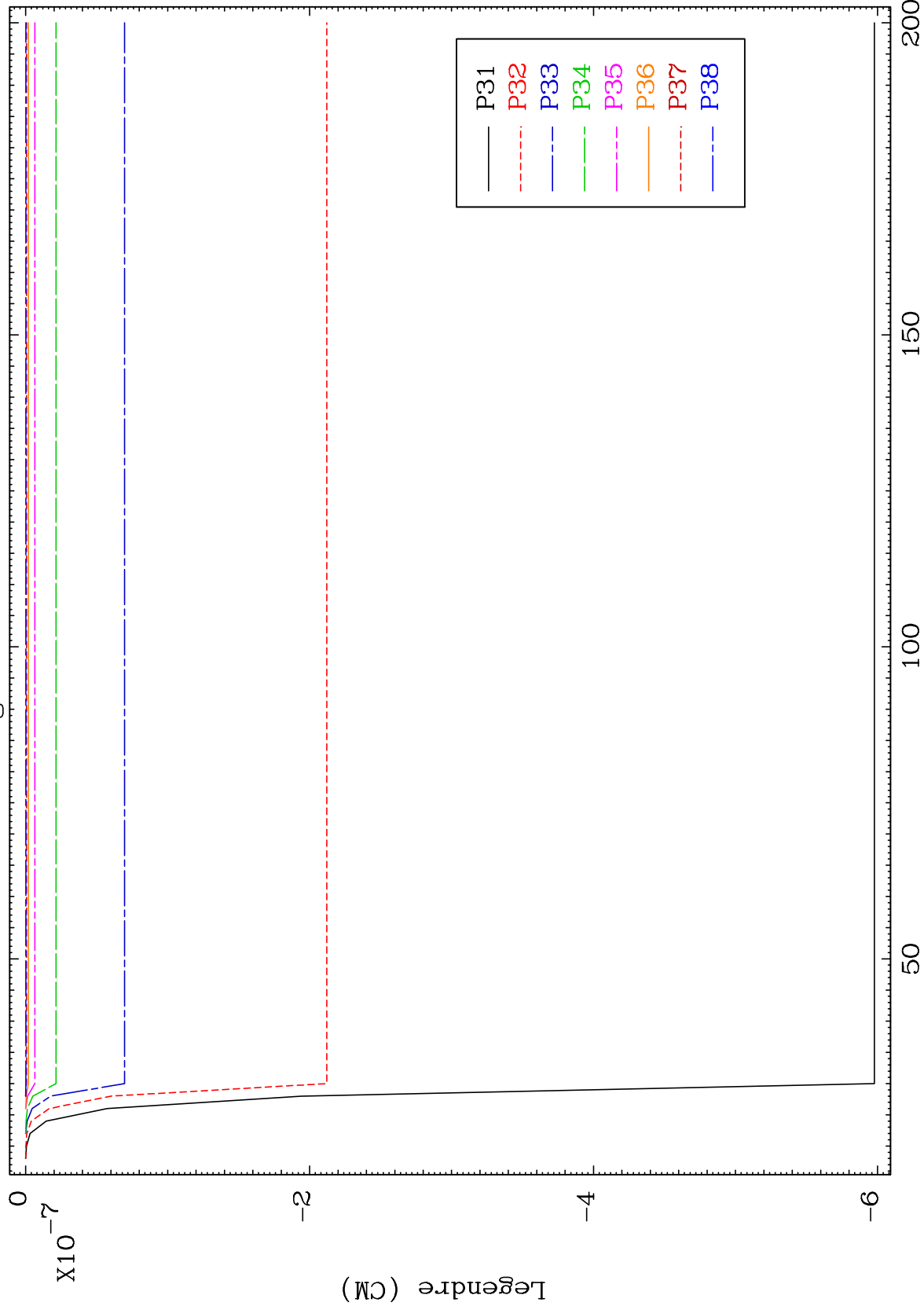
138

79-Au-203

MAT 7943

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

79-Au-203



139

Incident Energy (MeV)

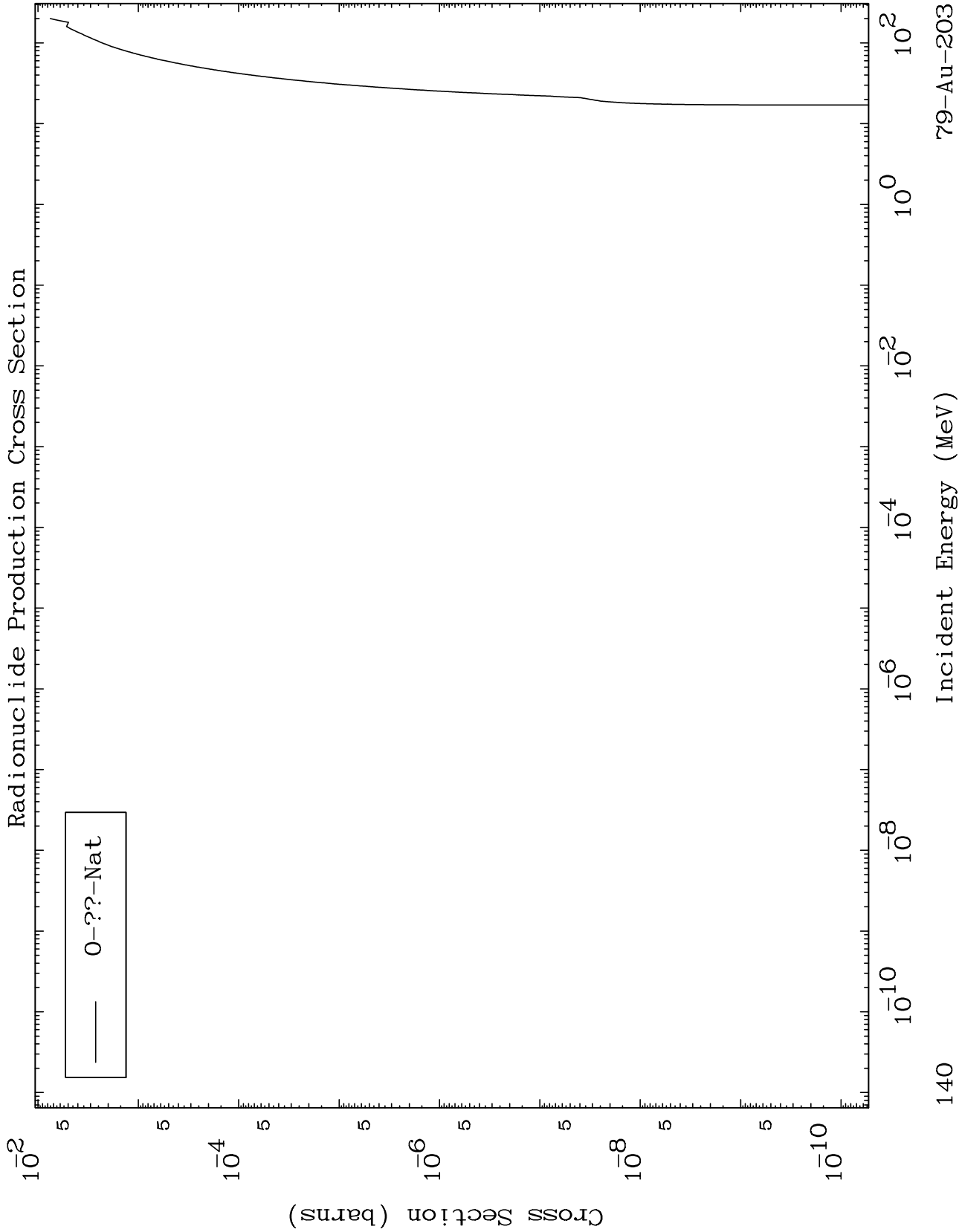
79-Au-203

MAT 7943

Fission

79-Au-203

Radionuclide Production Cross Section



140

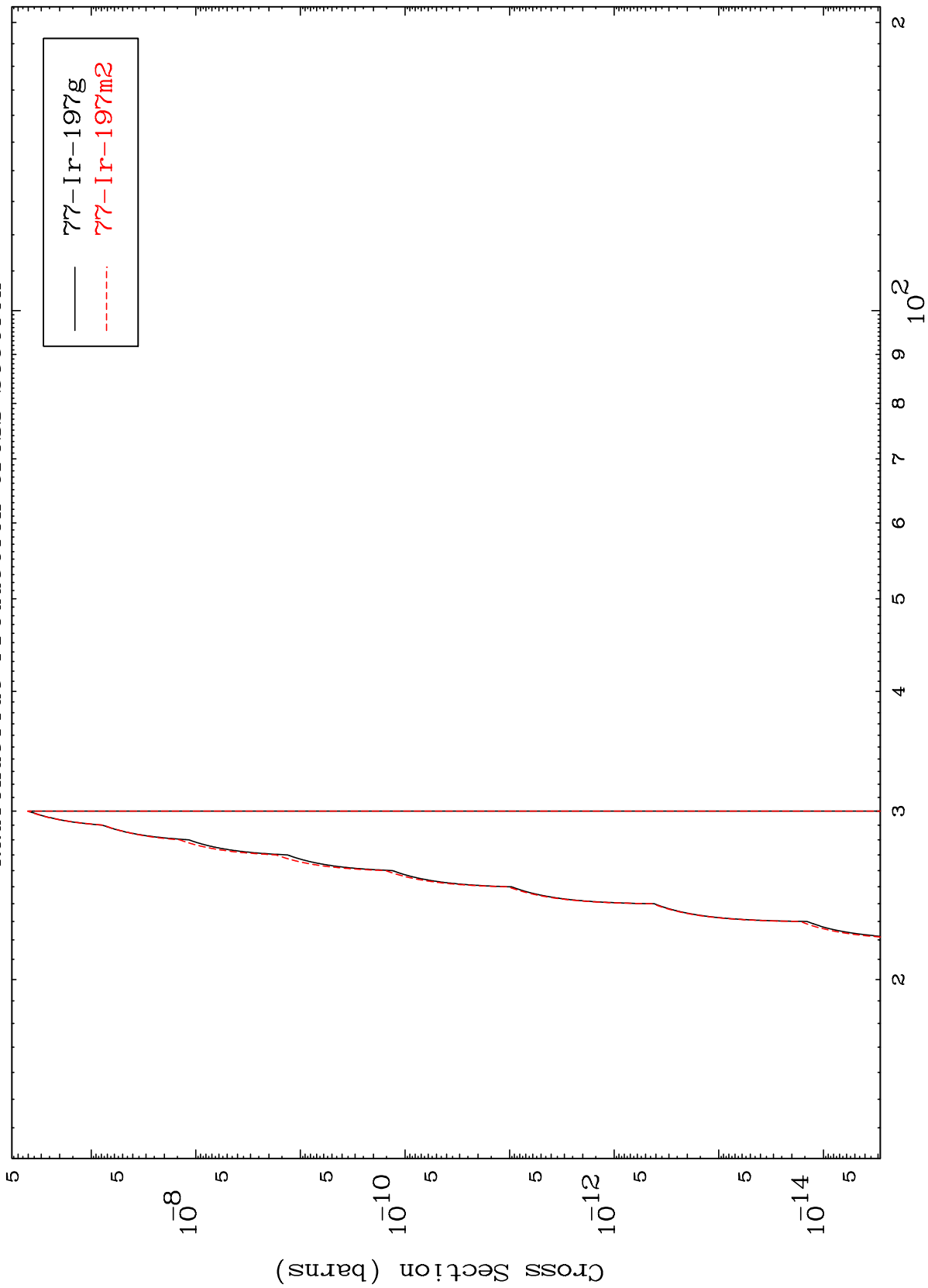
79-Au-203

MAT 7943

(n,3n) α

79-Au-203

Radionuclide Production Cross Section



141

Incident Energy (MeV)

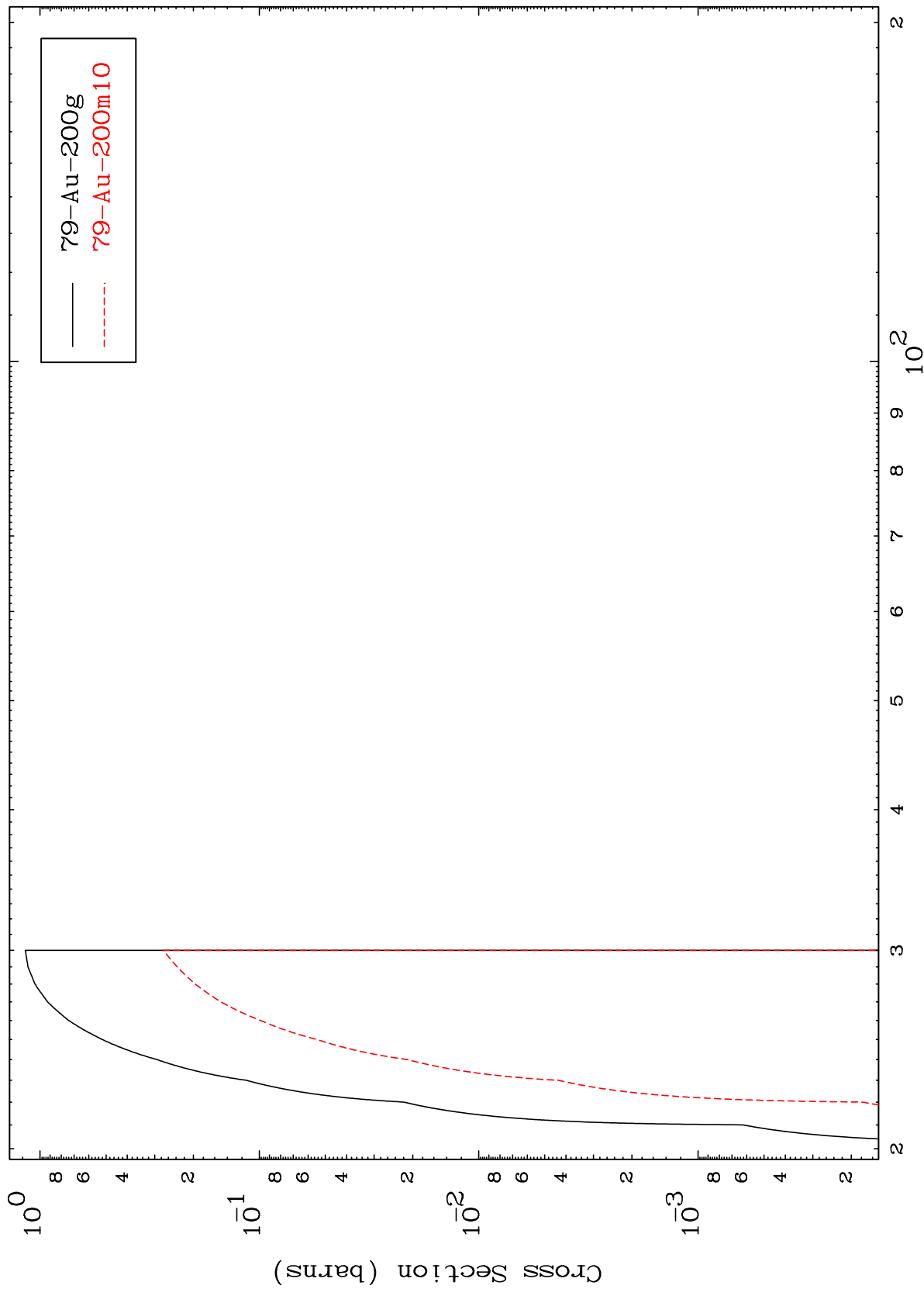
79-Au-203

MAT 7943

⁷⁹Au-203

(n,4n)

Radionuclide Production Cross Section



— 79Au-200g
- - - 79Au-200m10

⁷⁹Au-203

Incident Energy (MeV)

142