

Program EVALPLOT
(Version 2017-1)

by

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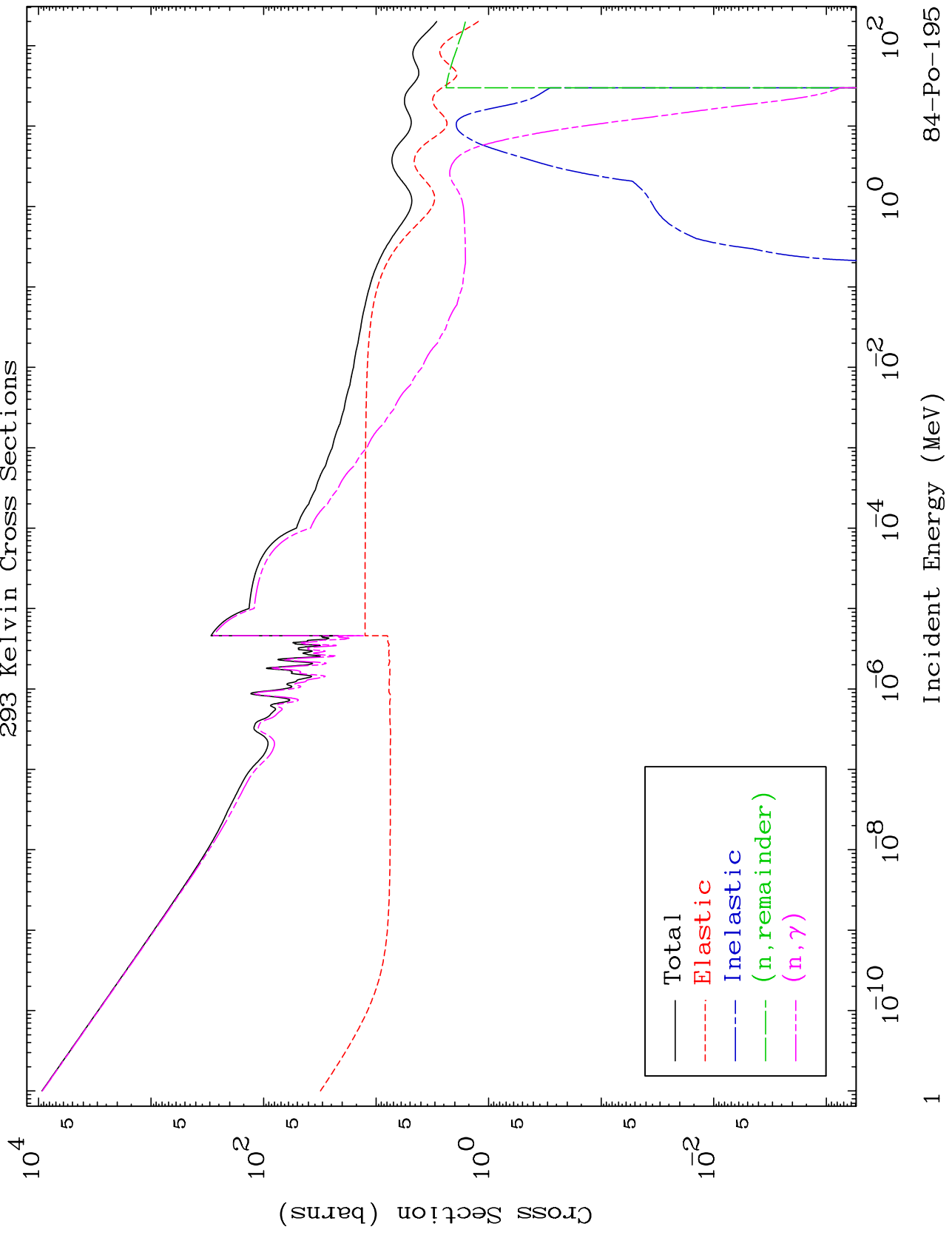
Press Mouse Button to Start

MAT 8392

Major

293 Kelvin Cross Sections

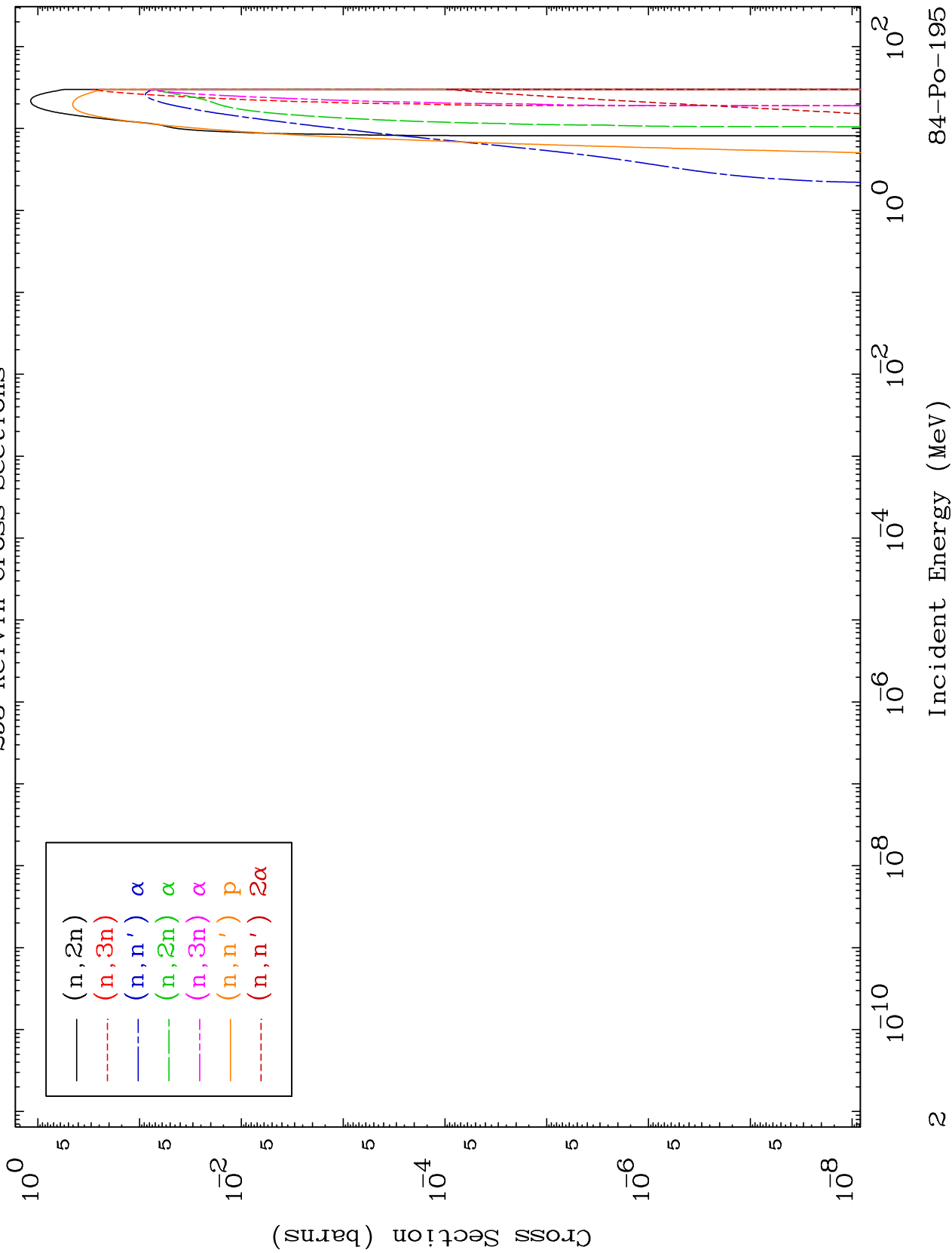
84-Po-195



MAT 8392

Neutron Production
293 Kelvin Cross Sections

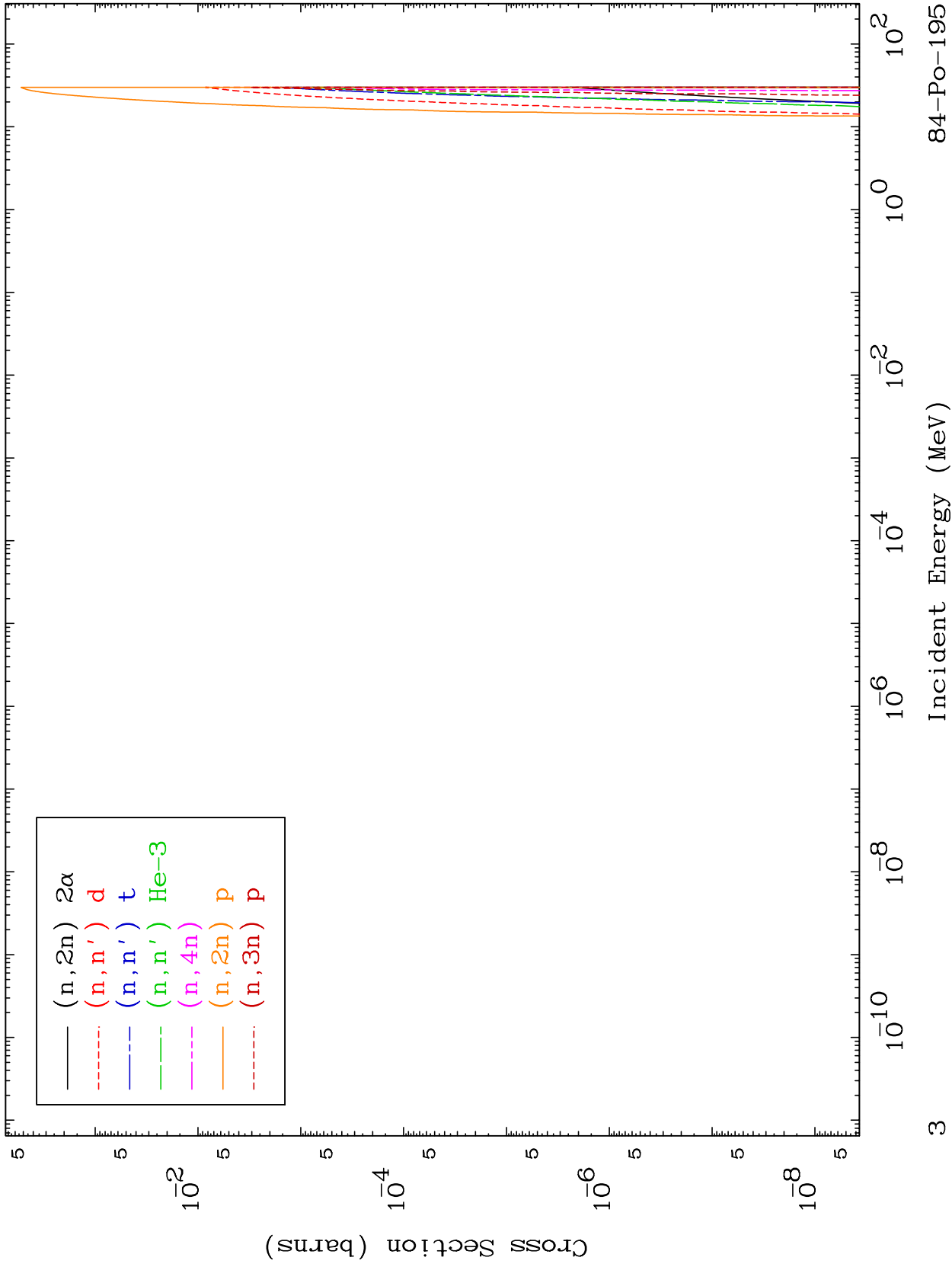
84-Po-195



MAT 8392

Neutron Production
293 Kelvin Cross Sections

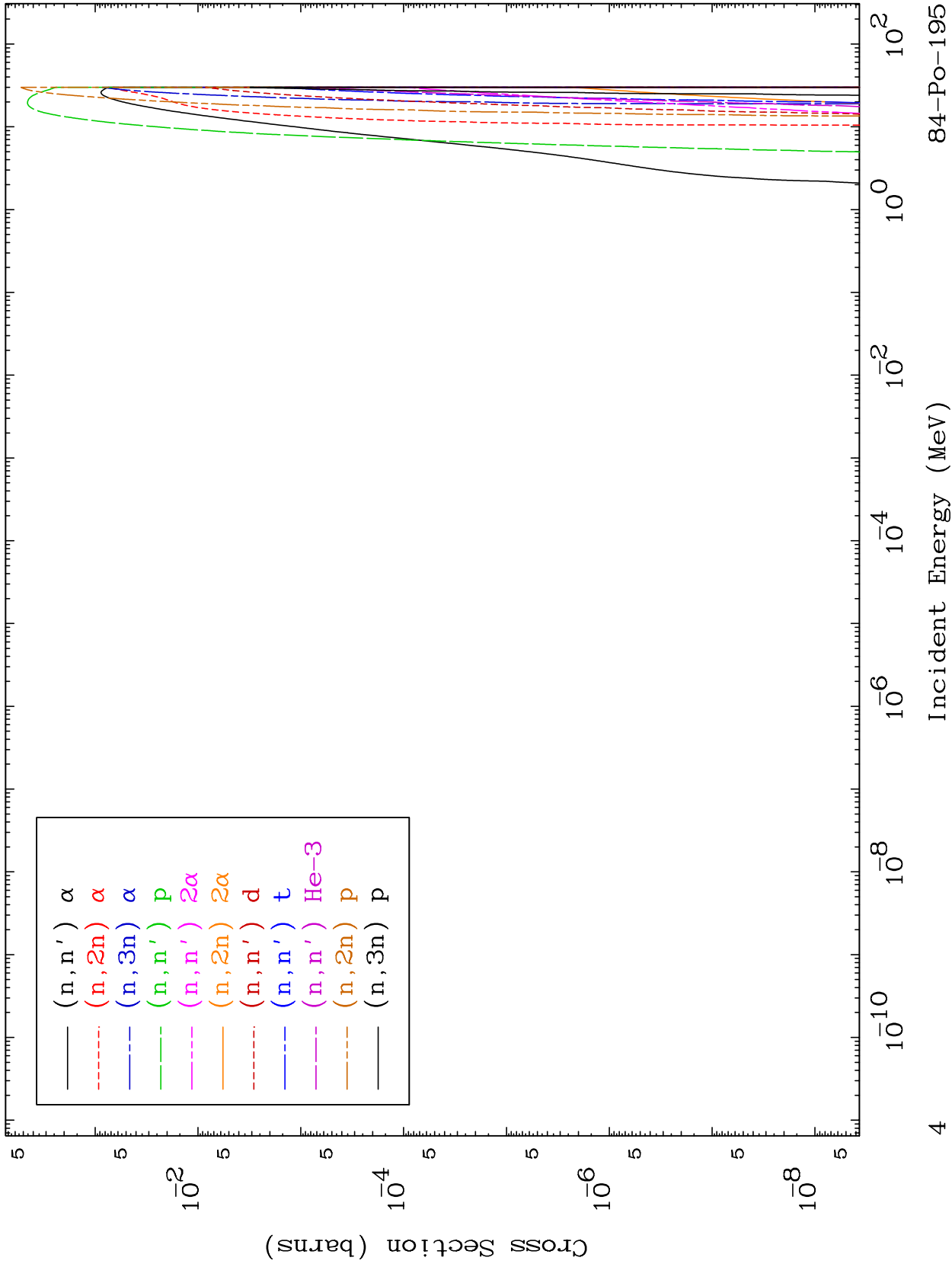
84-Po-195



MAT 8392

Charged Particle
293 Kelvin Cross Sections

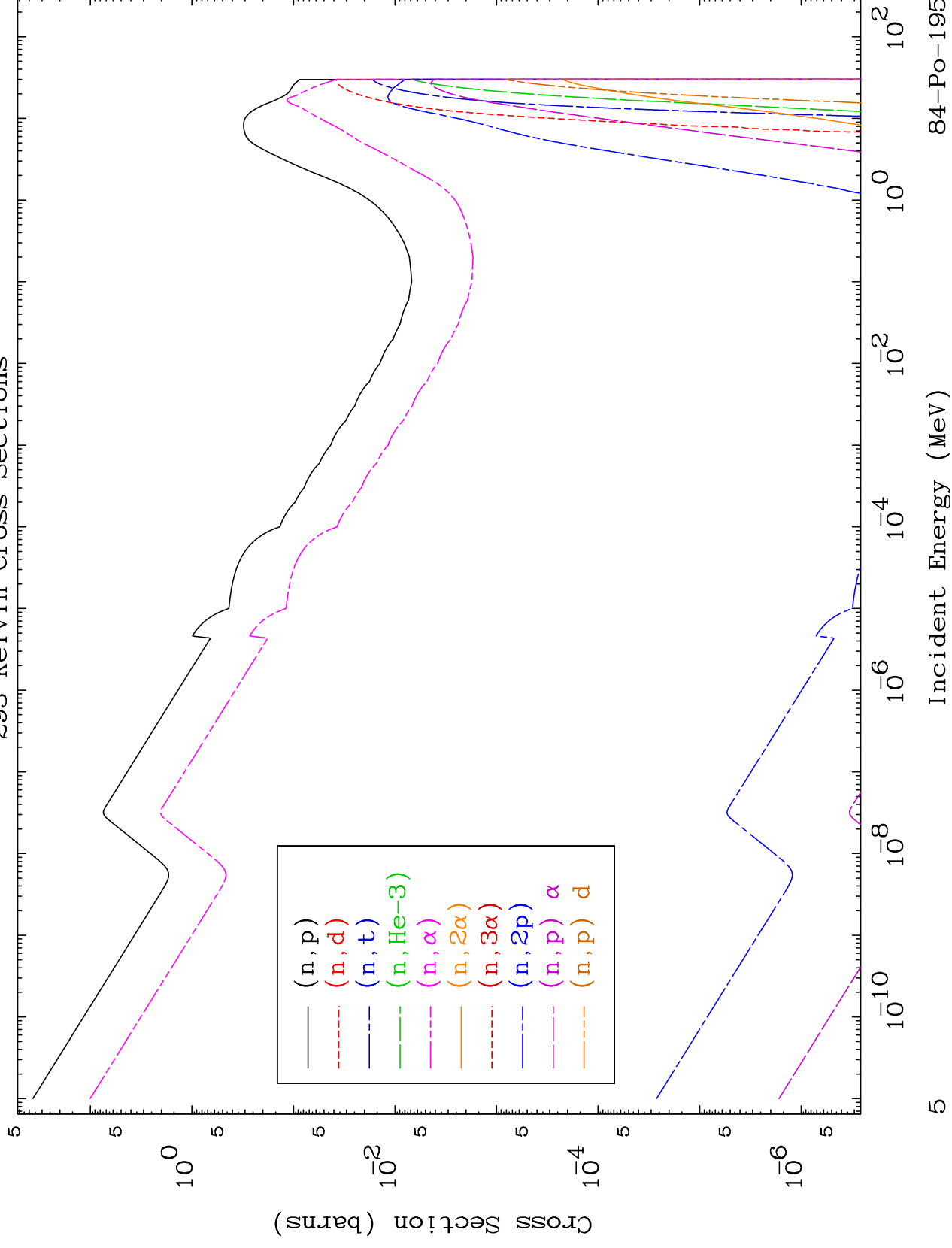
84-Po-195



MAT 8392

Charged Particle
293 Kelvin Cross Sections

84-Po-195

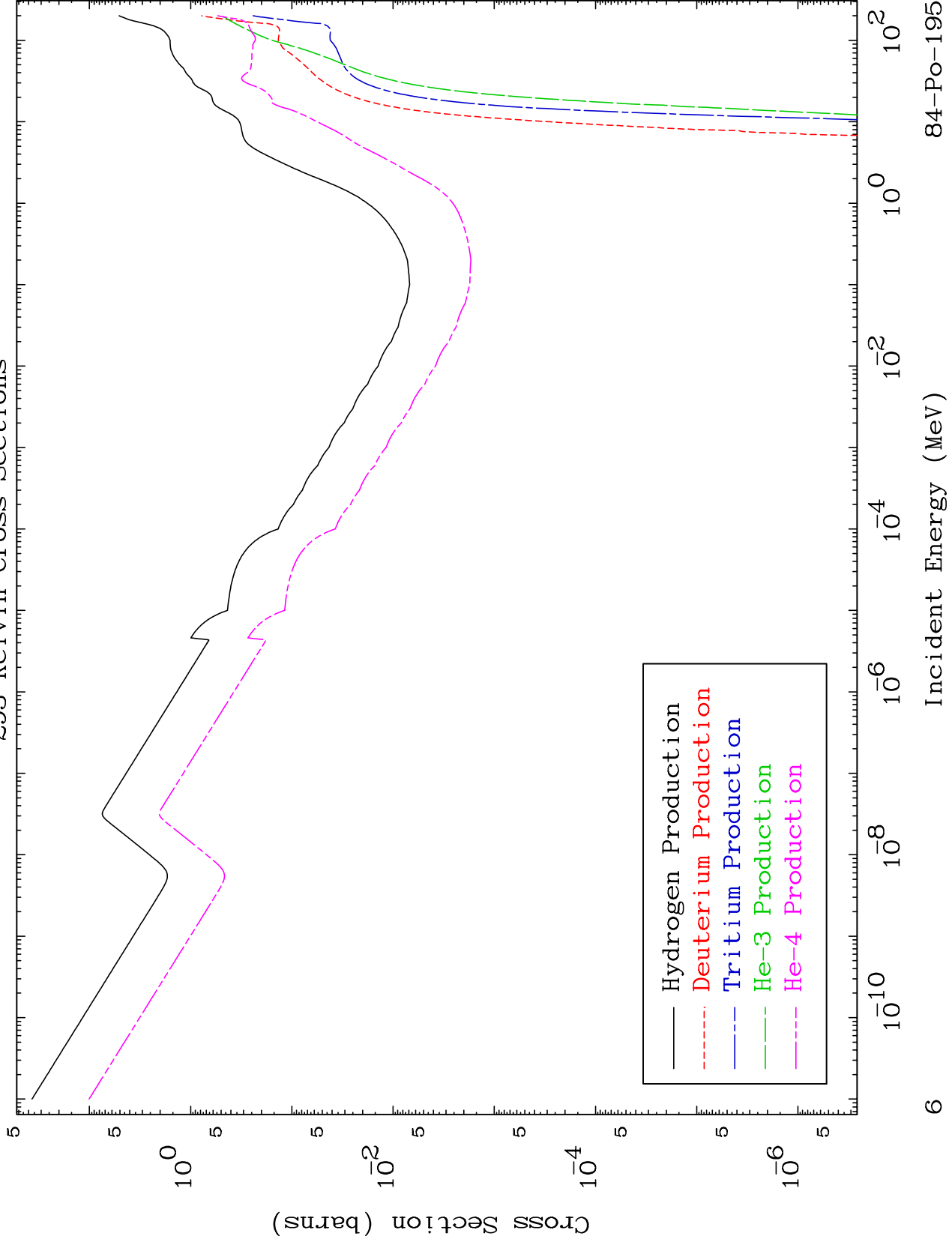


5

MAT 8392

Particle Production
293 Kelvin Cross Sections

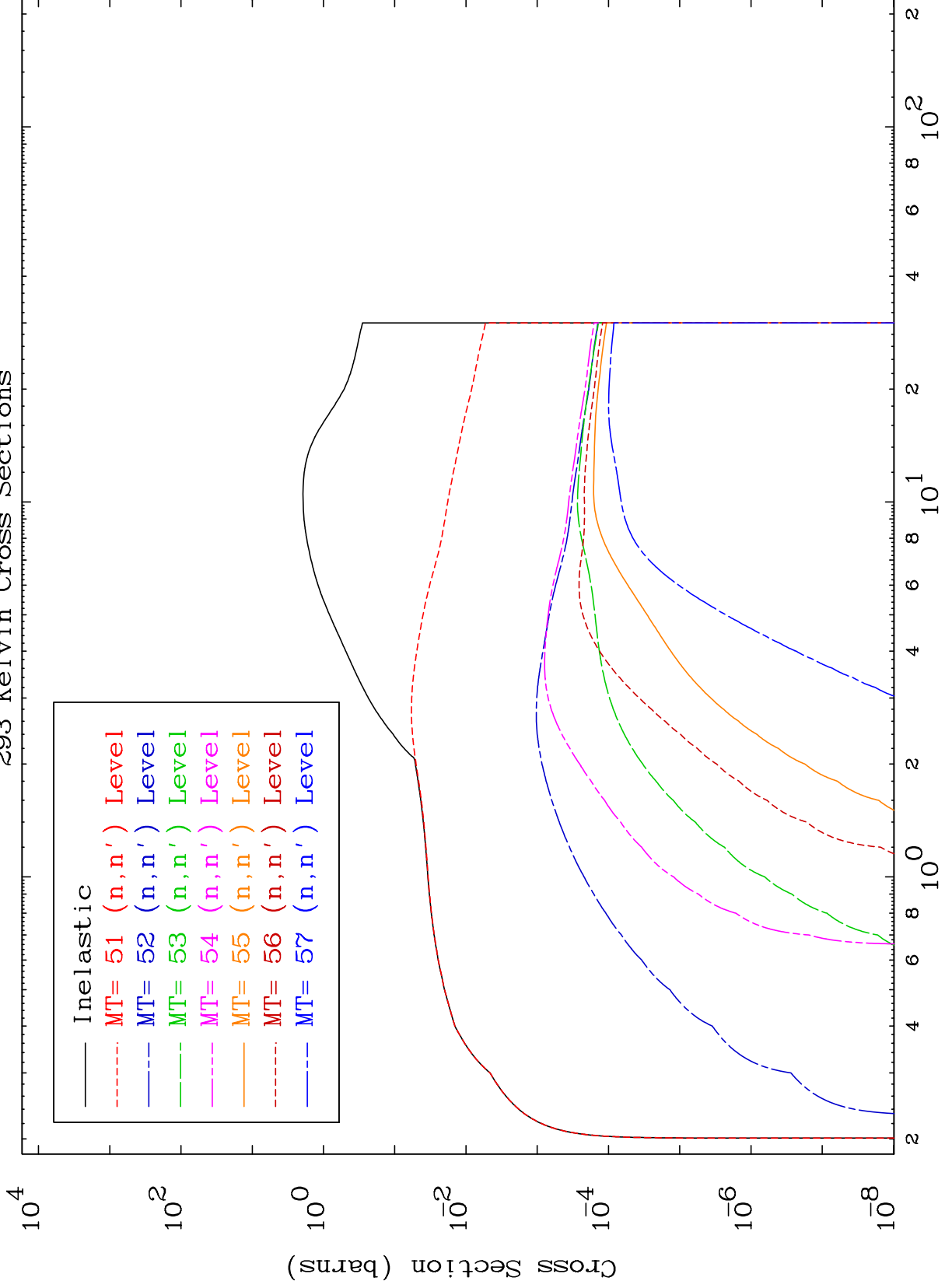
84-Po-195



MAT 8392

(n,n') Level
293 Kelvin Cross Sections

84-Po-195

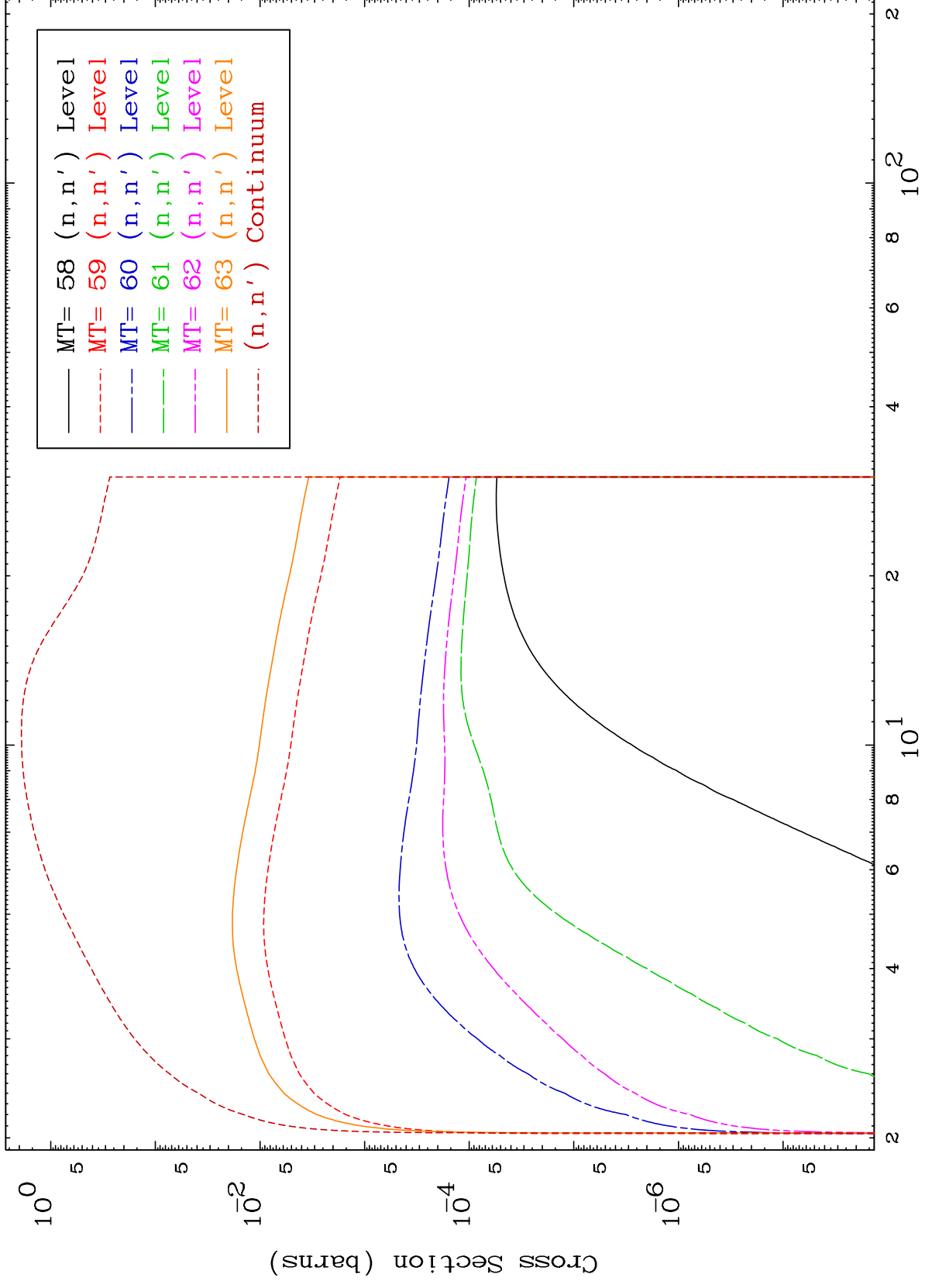


MAT 8392

(n,n') Level

84-Po-195

293 Kelvin Cross Sections



8

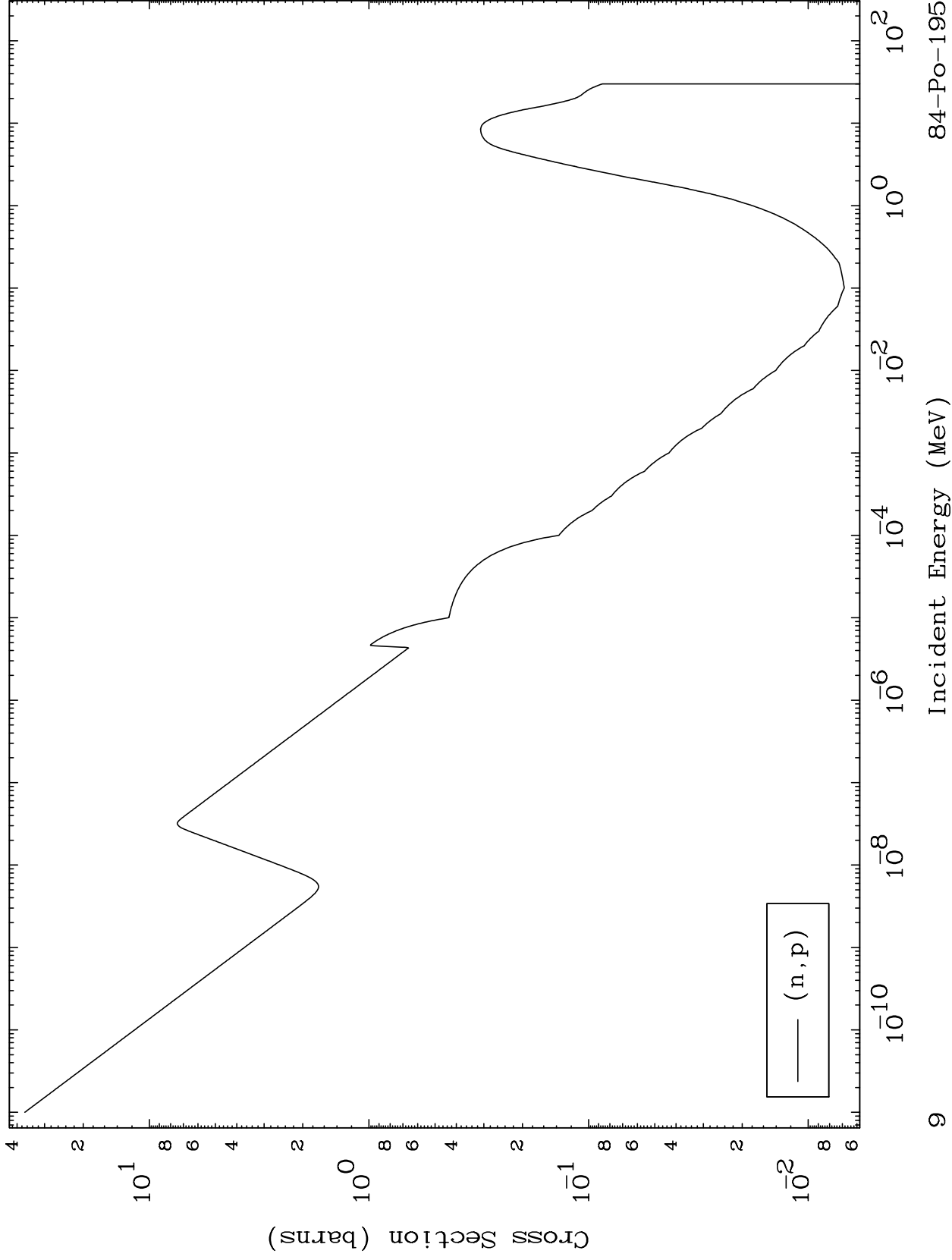
Incident Energy (MeV)

84-Po-195

MAT 8392

(n,p) Levels
293 Kelvin Cross Sections

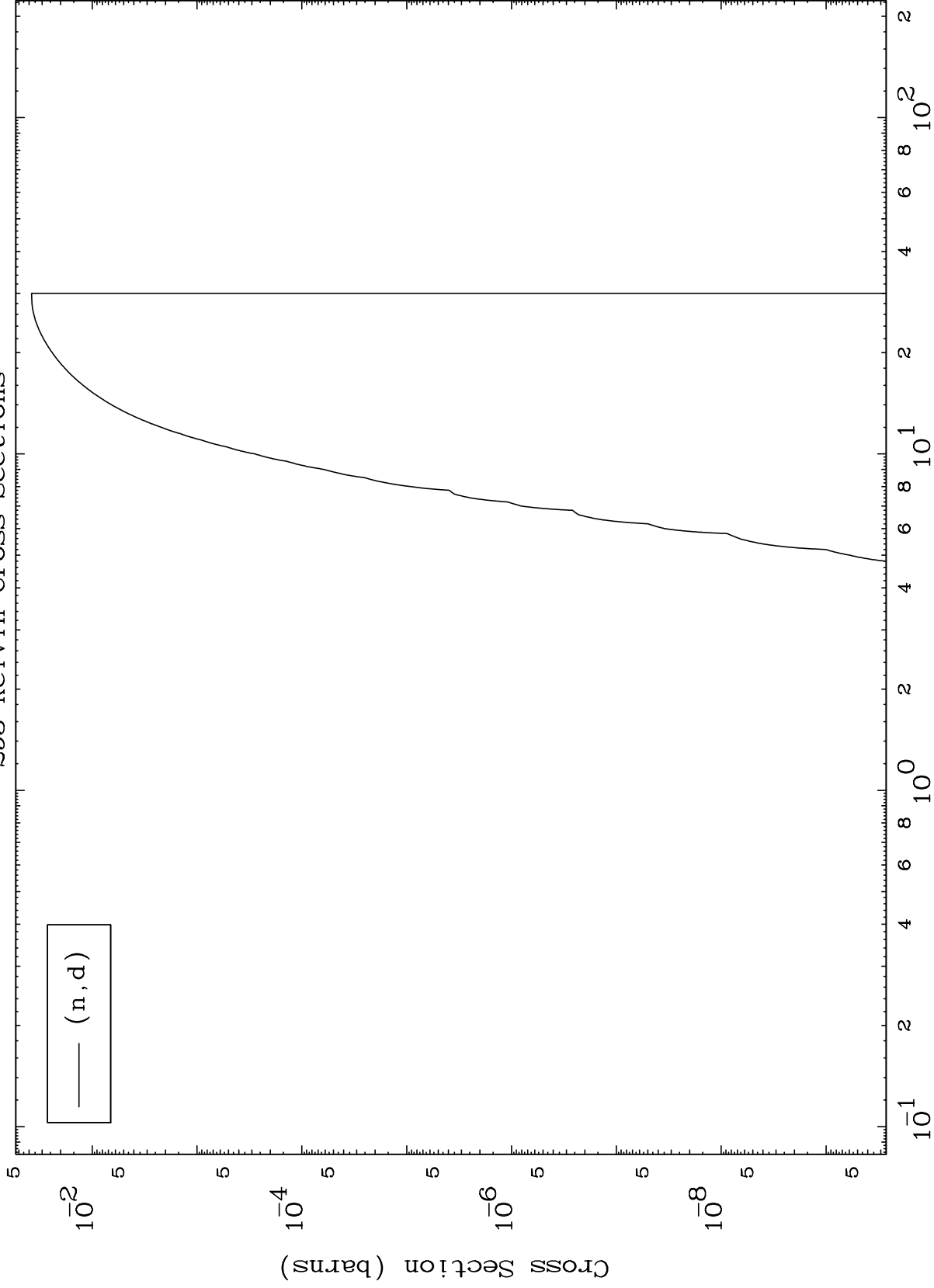
84-Po-195



MAT 8392

(n,d) Levels
293 Kelvin Cross Sections

84-Po-195



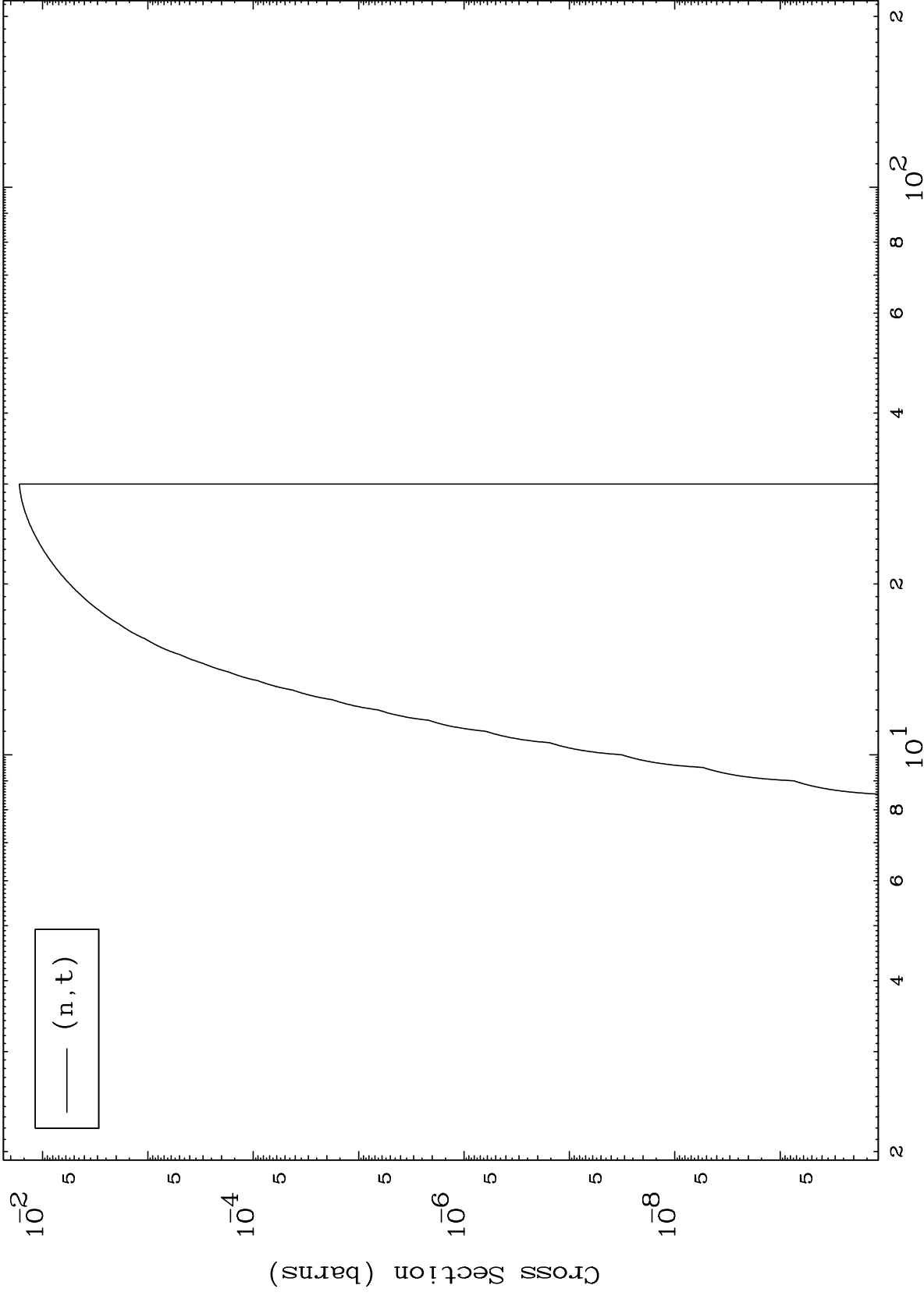
Incident Energy (MeV)

84-Po-195

MAT 8392

(n,t) Levels
293 Kelvin Cross Sections

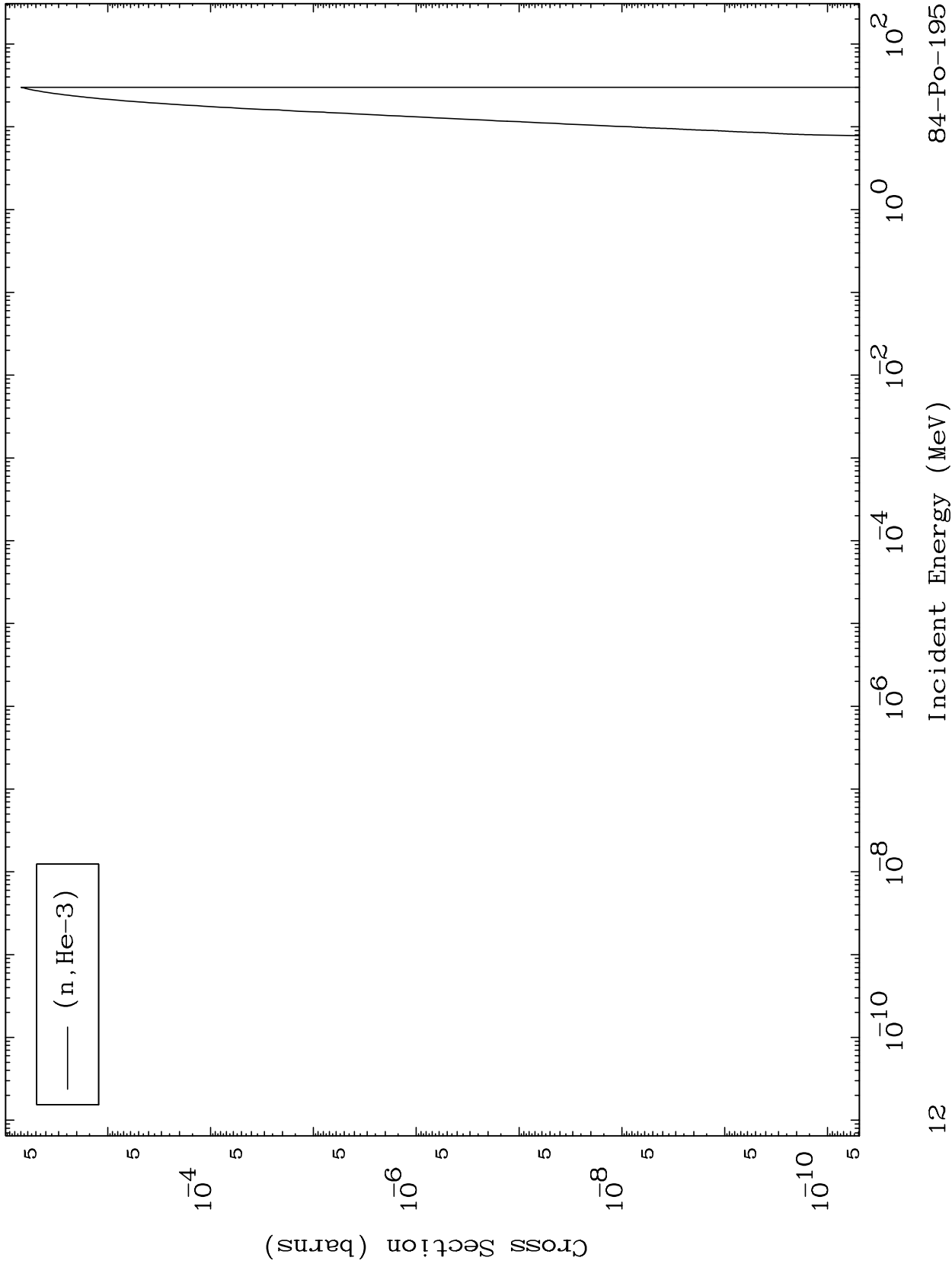
84-Po-195



MAT 8392

(n,He3) Levels
293 Kelvin Cross Sections

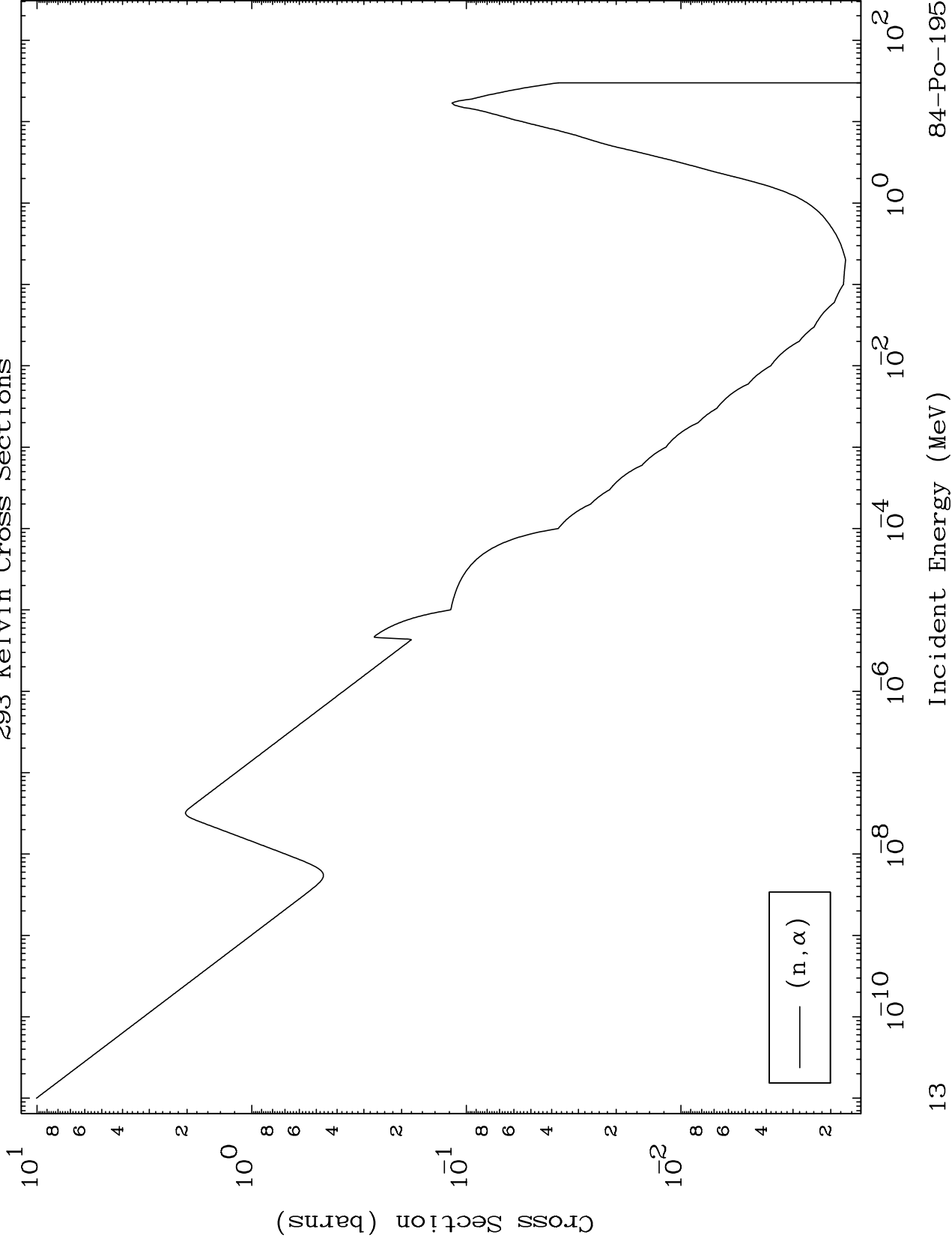
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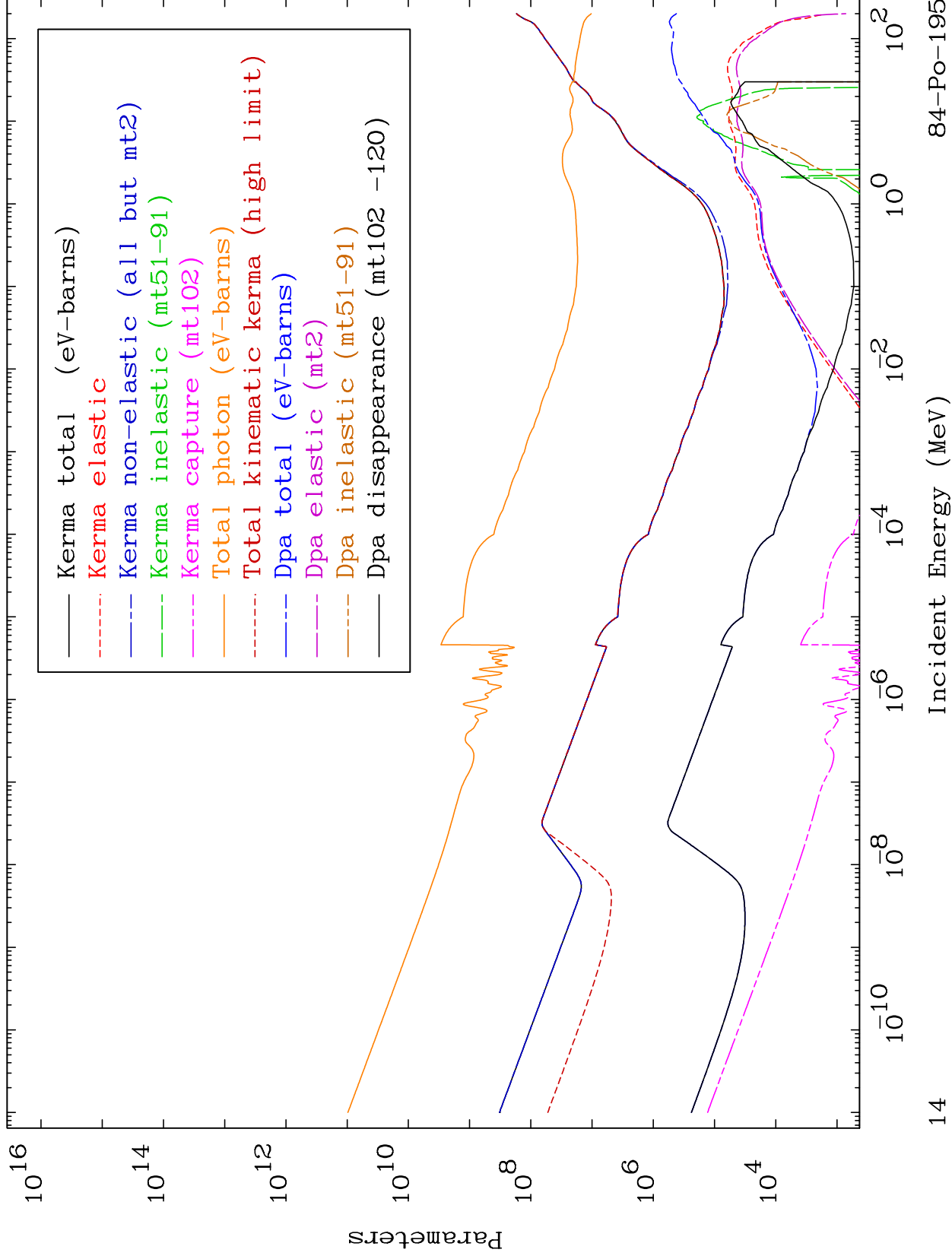


MAT 8392

(n,α) Levels
293 Kelvin Cross Sections

84-Po-195

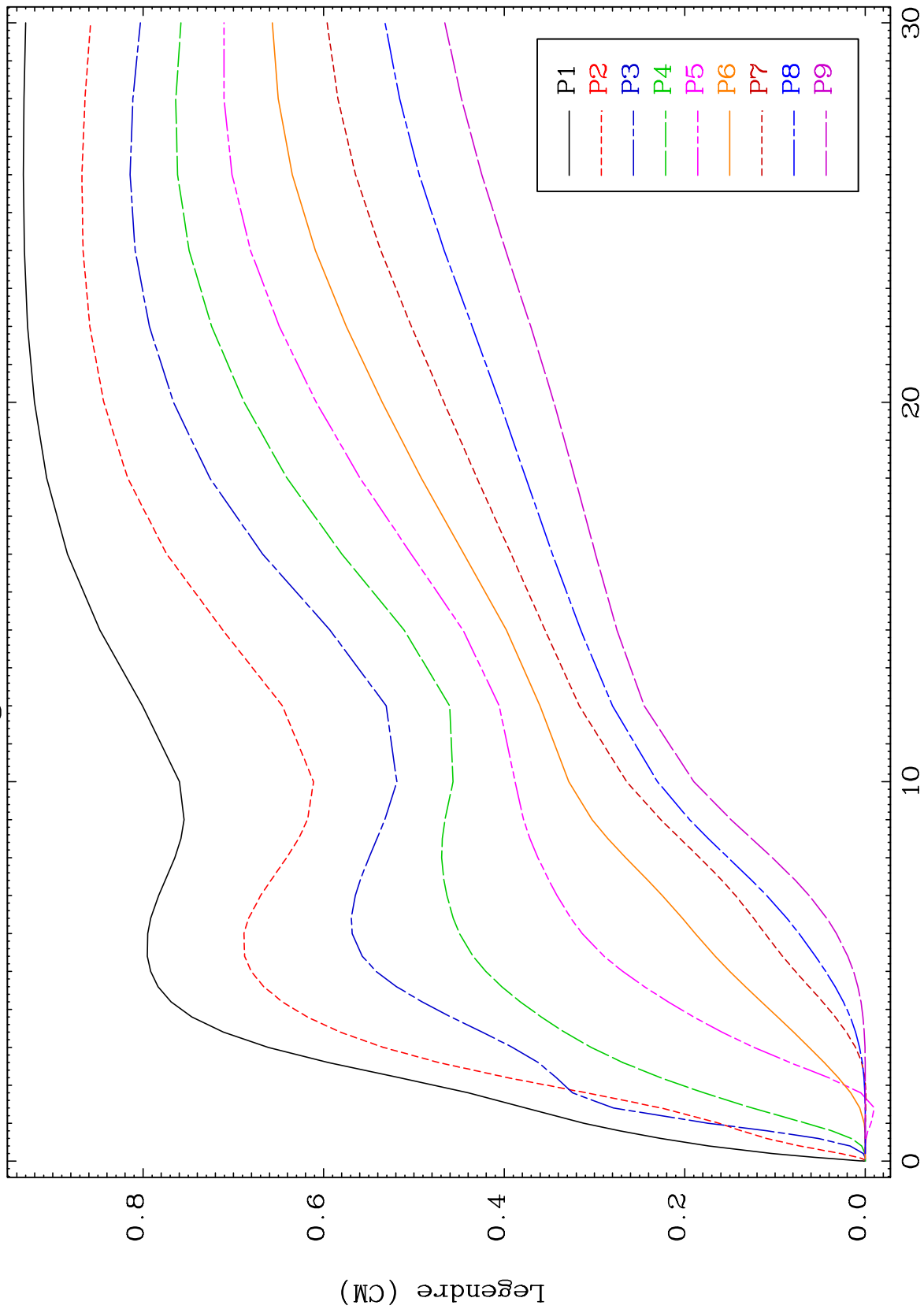




MAT 8392

Elastic Legendre Coefficients

84-Po-195



15

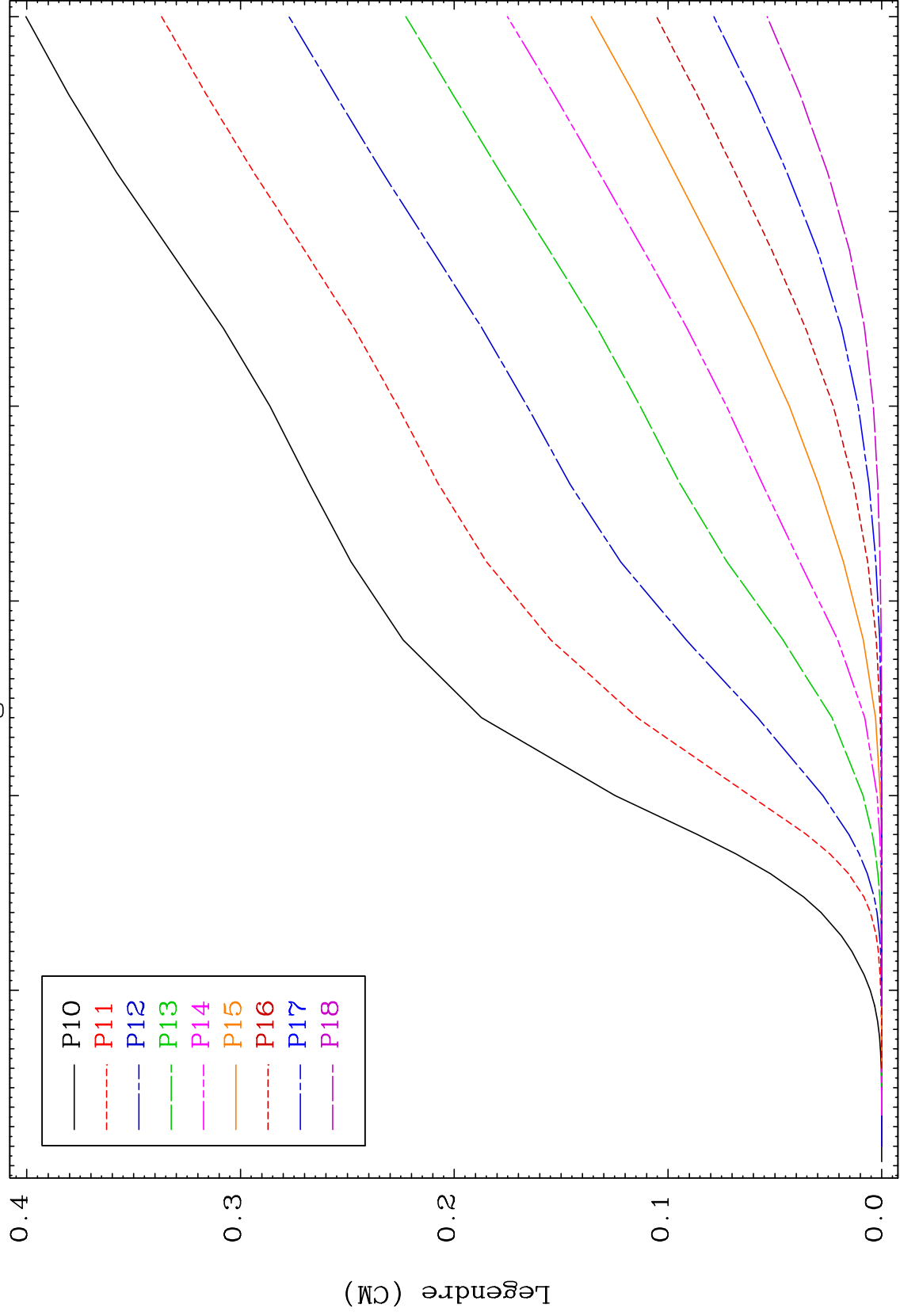
Incident Energy (MeV)

84-Po-195

MAT 8392

Elastic Legendre Coefficients

84-Po-195



16

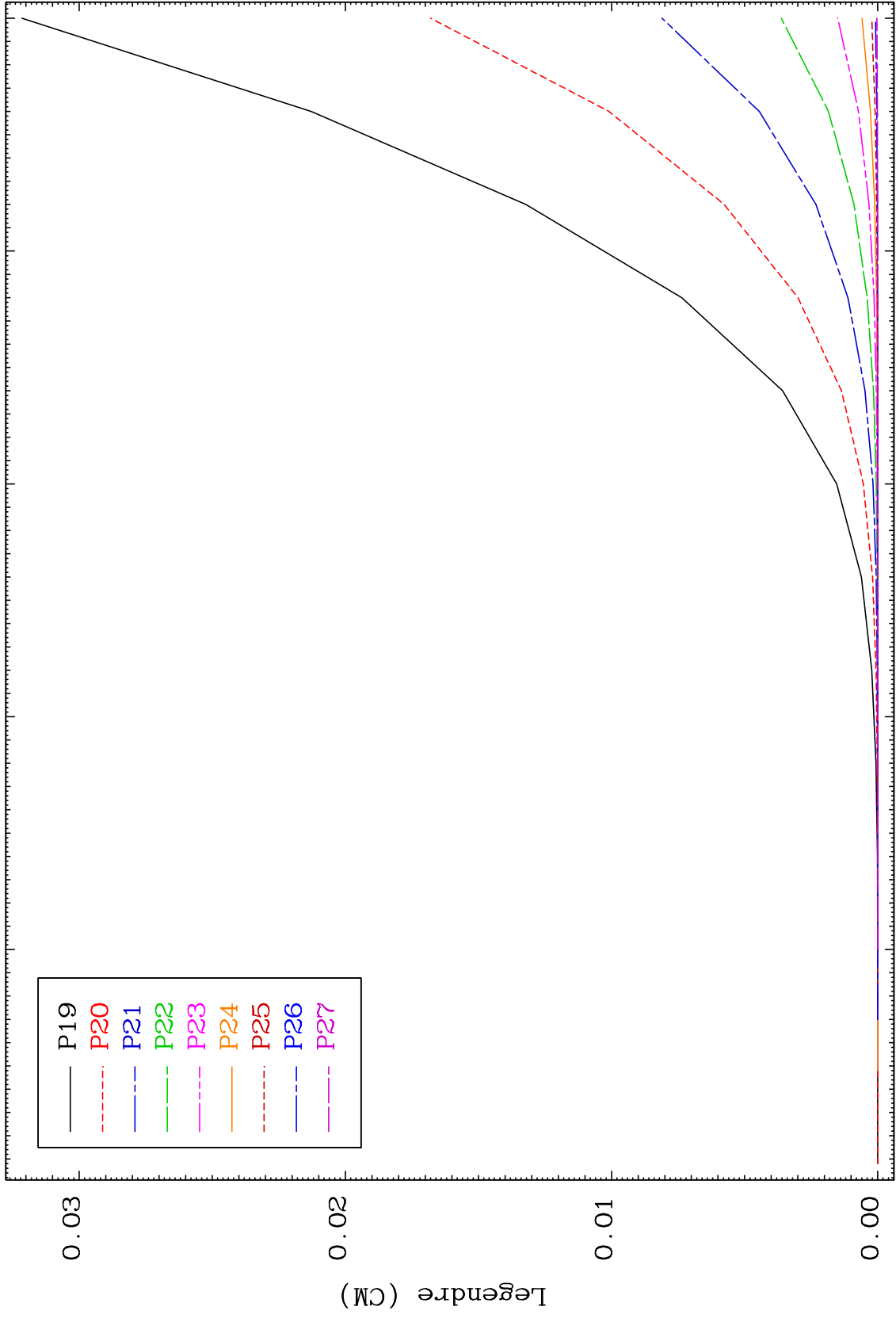
Incident Energy (MeV)

84-Po-195

MAT 8392

Elastic Legendre Coefficients

84-Po-195



17

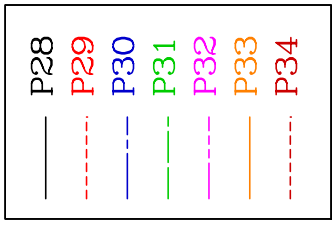
Incident Energy (MeV)

84-Po-195

MAT 8392

Elastic Legendre Coefficients

84-Po-195



$\times 10^{-50}$

Legendre (CM)

0.8

0.6

0.4

0.2

0.0

10

15

20

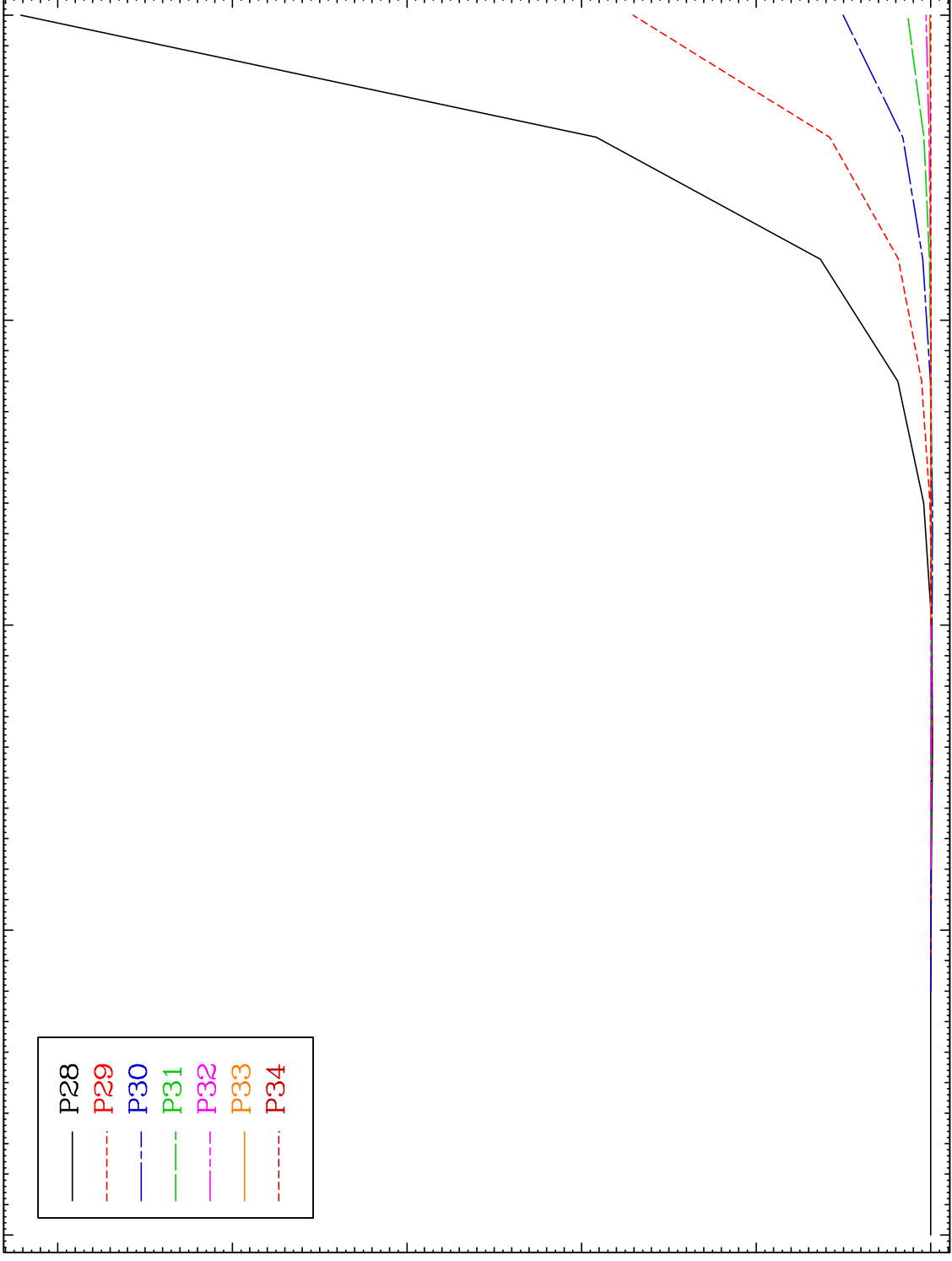
25

30

18

Incident Energy (MeV)

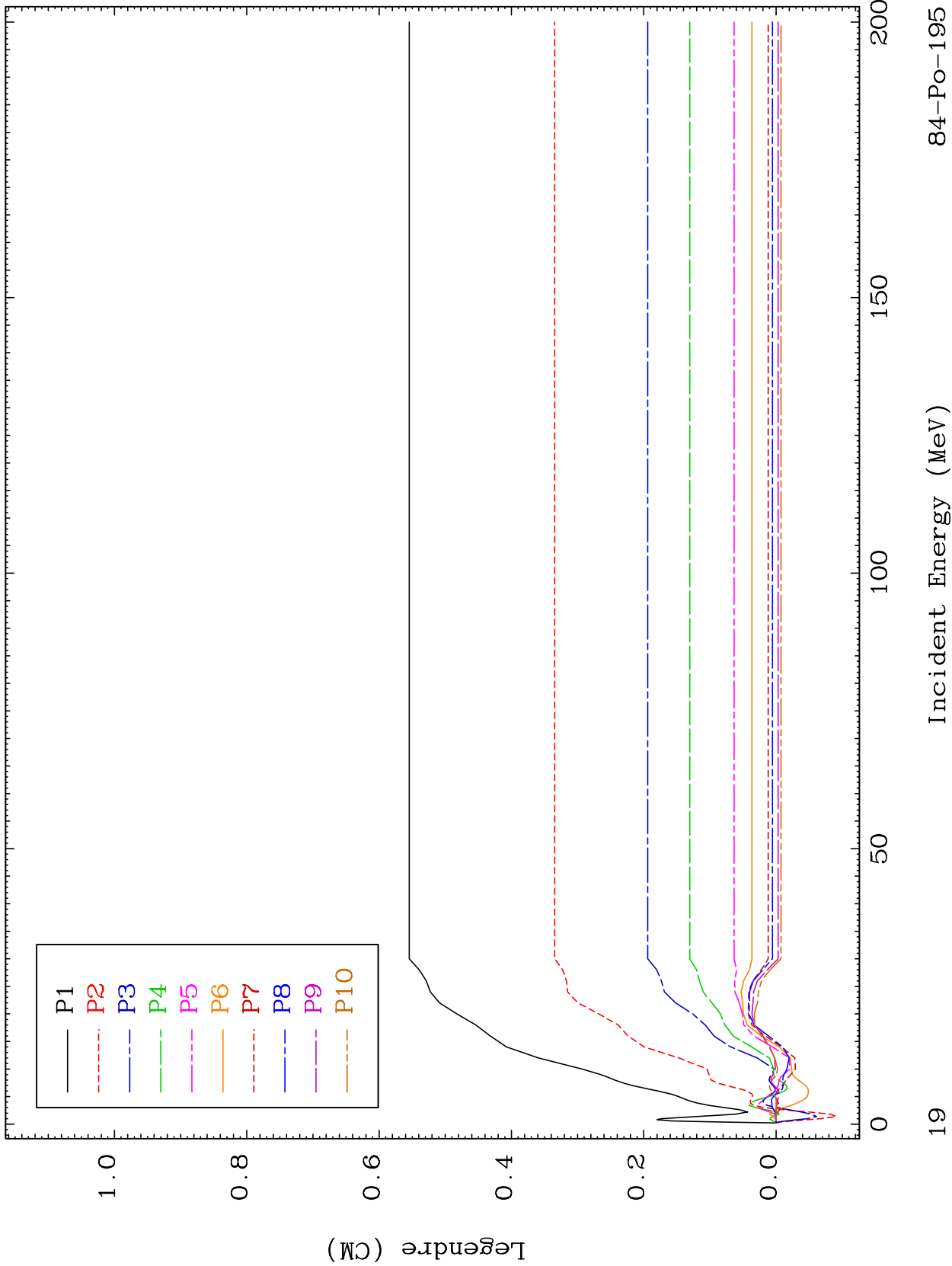
84-Po-195



MAT 8392

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

84-Po-195



19

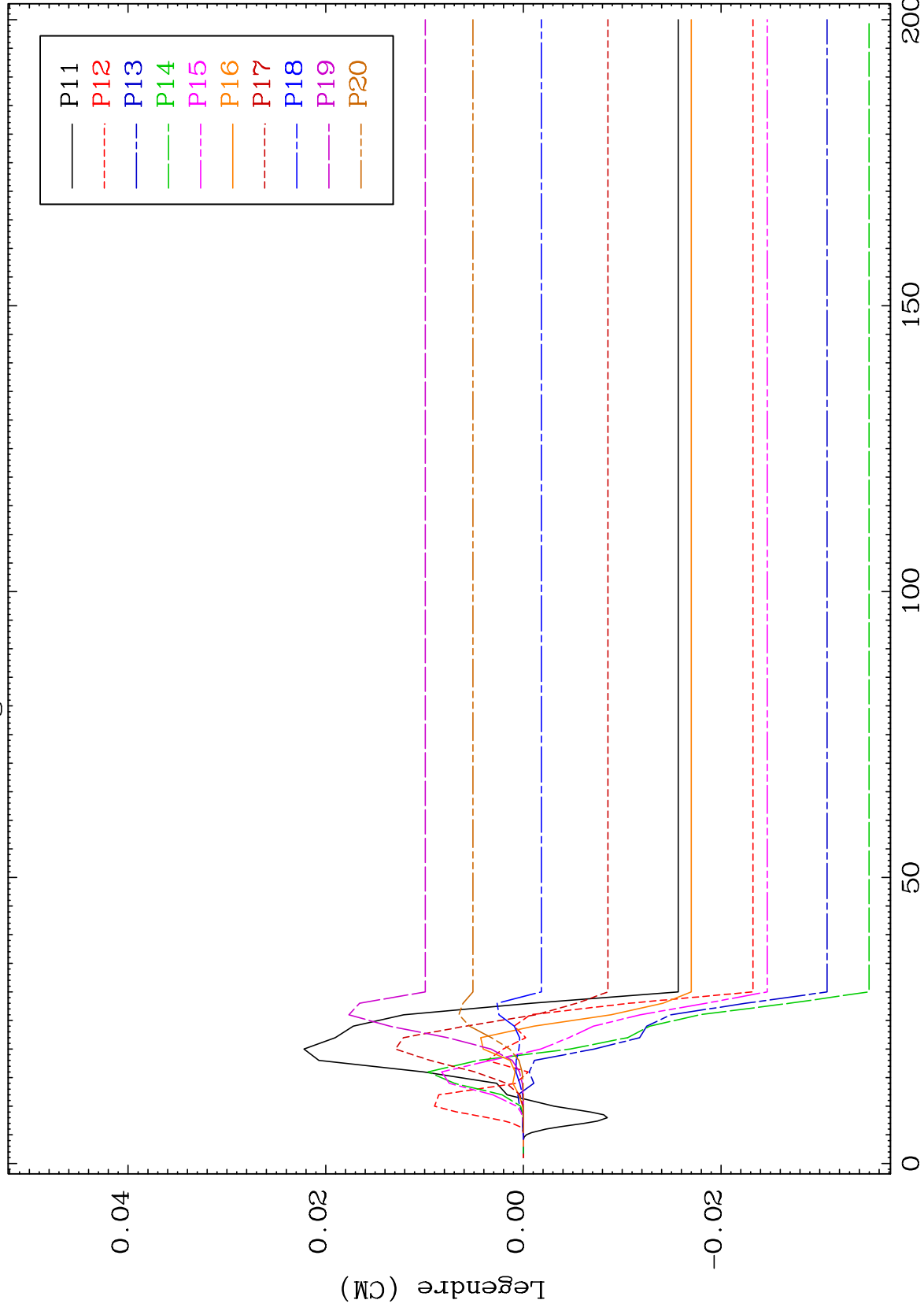
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



0

50

100

150

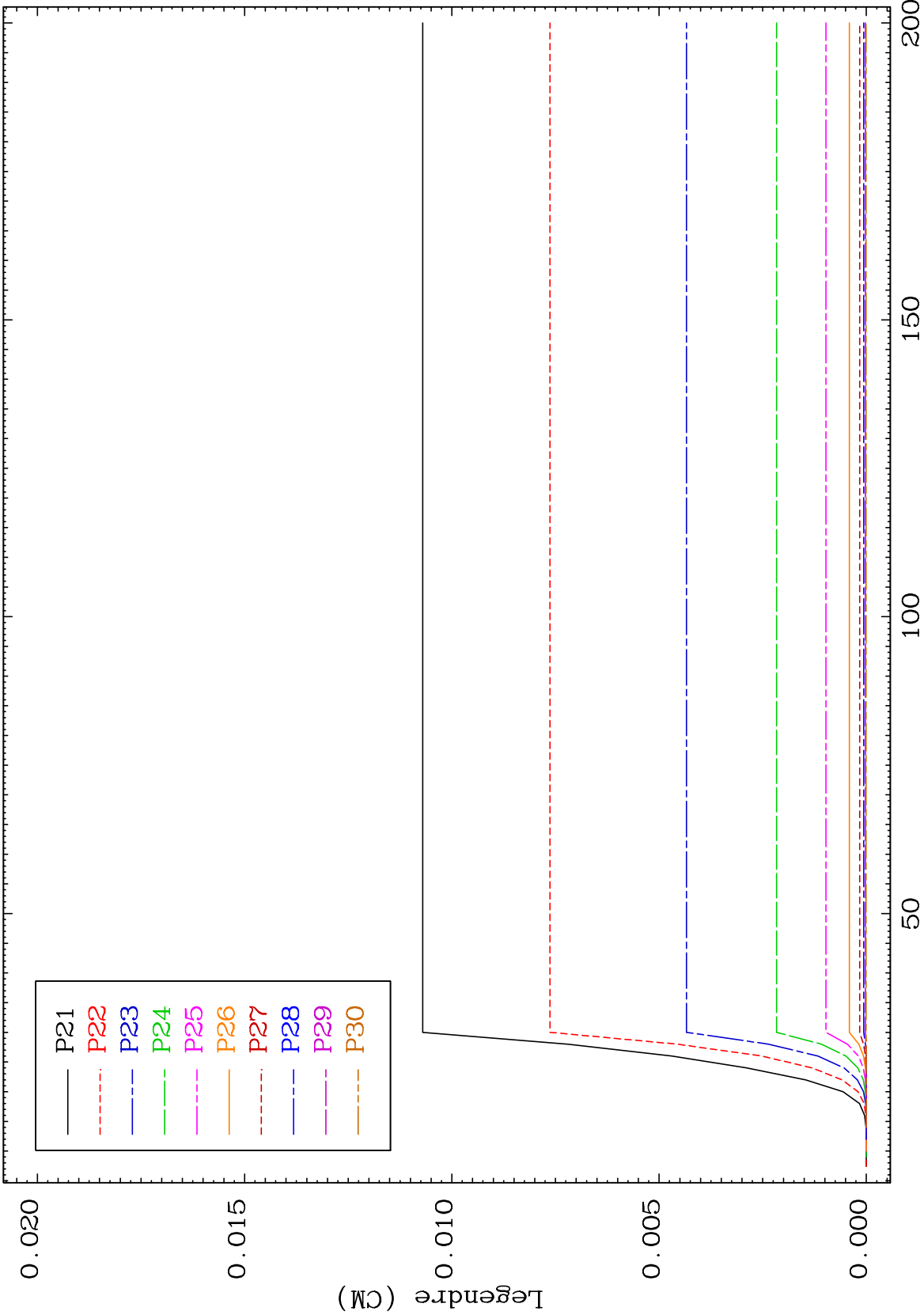
200

84-Po-195

MAT 8392

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

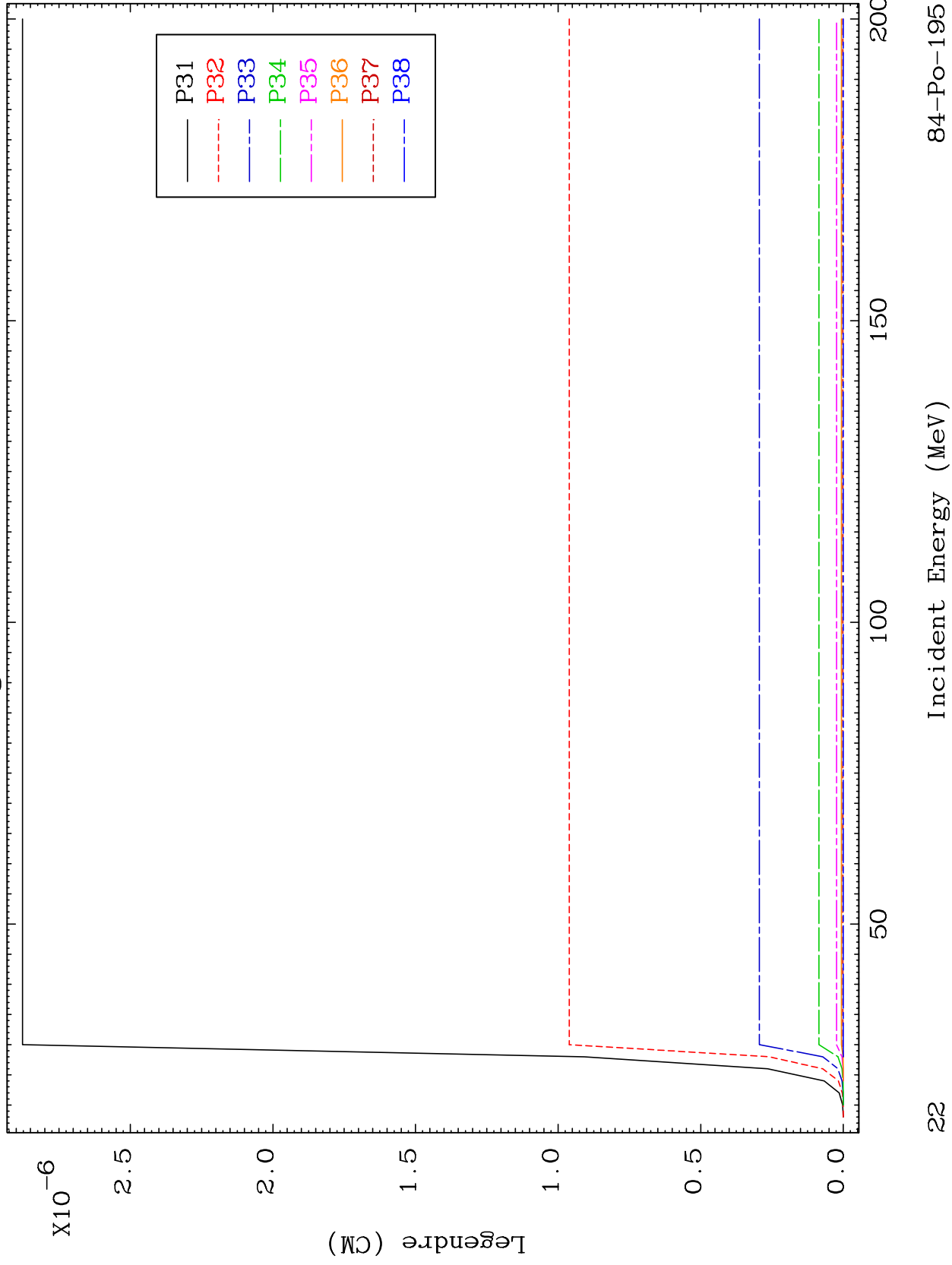
84-Po-195



MAT 8392

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

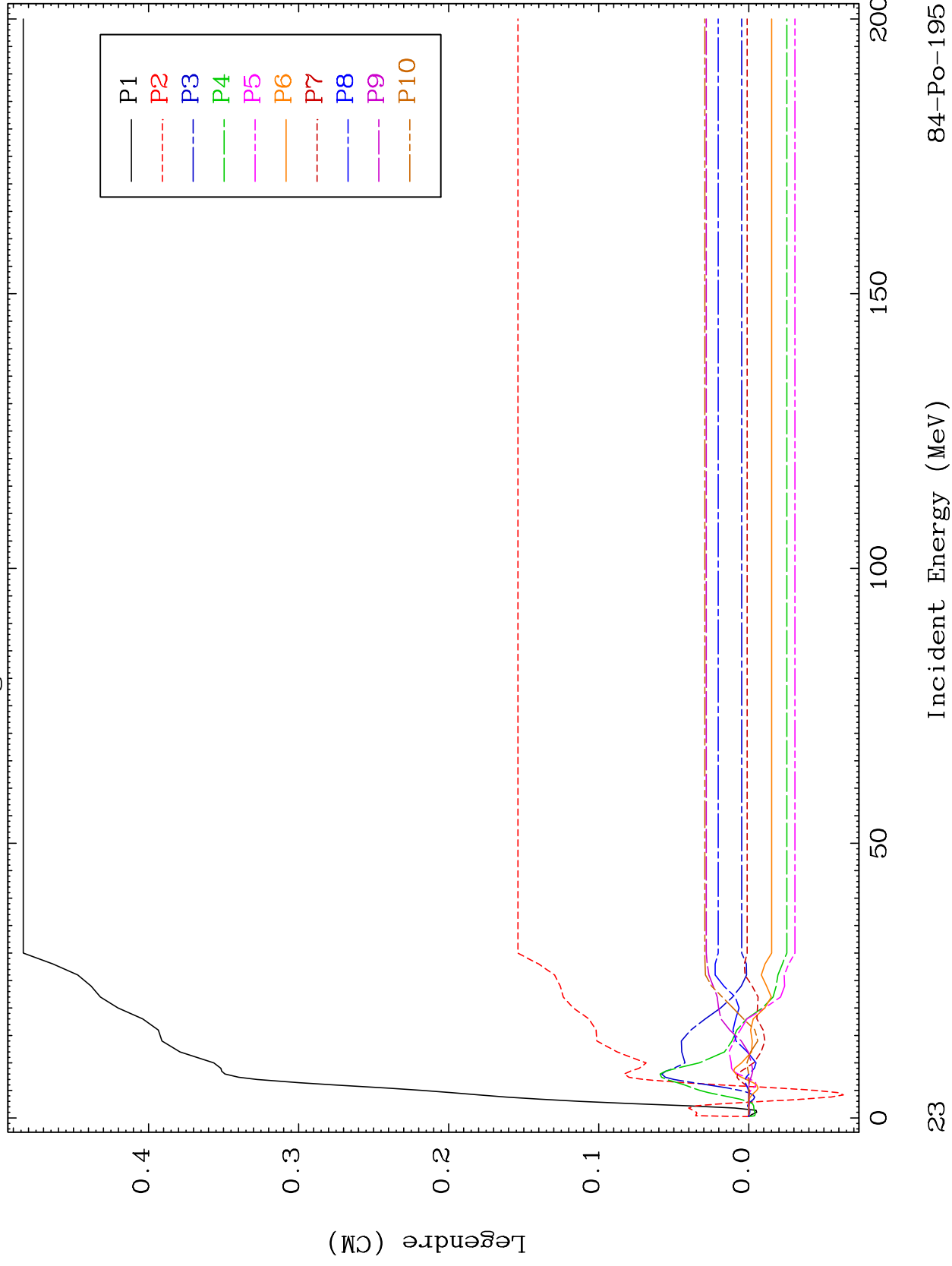
84-Po-195



MAT 8392

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

84-Po-195



23

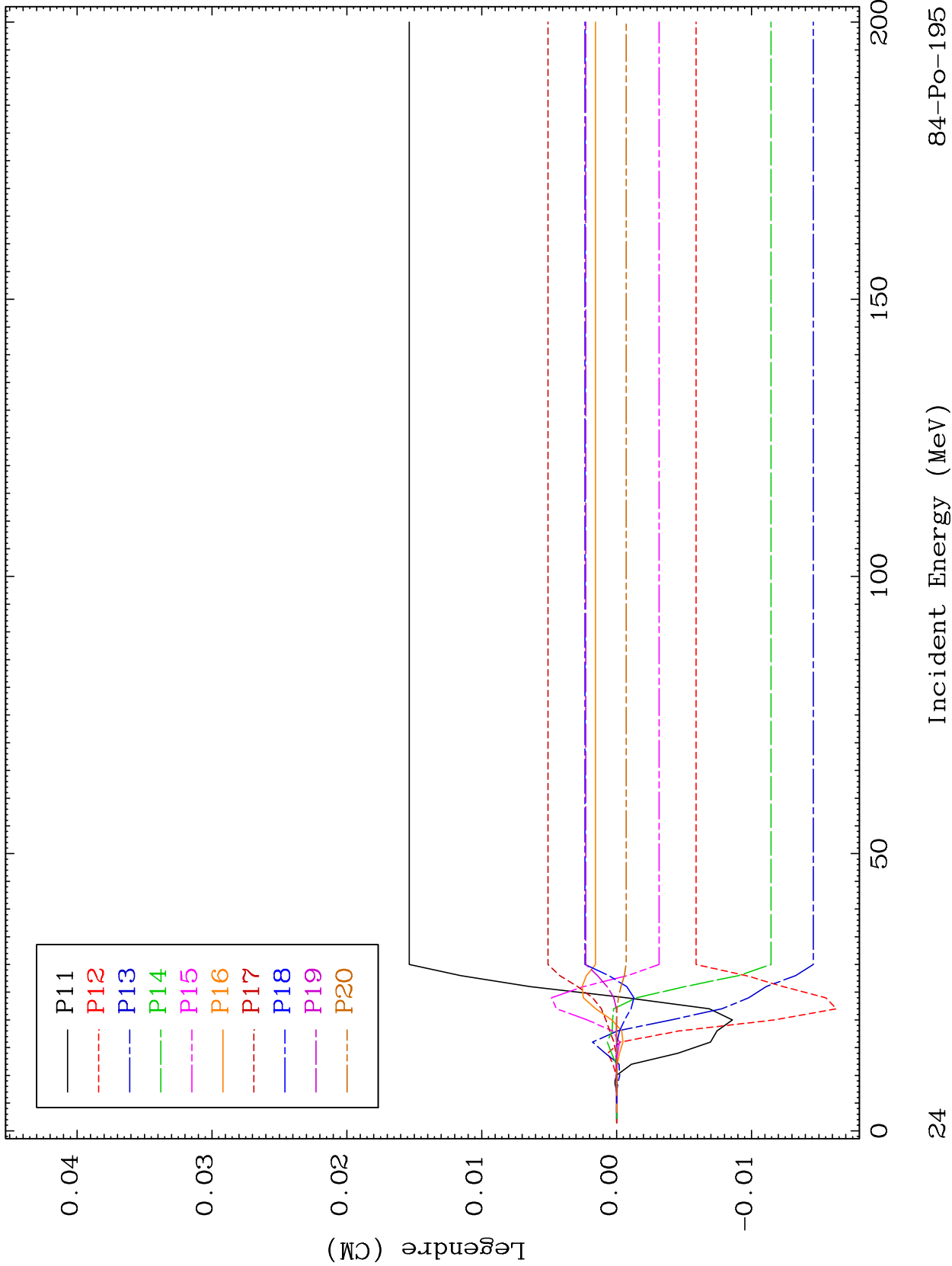
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



24

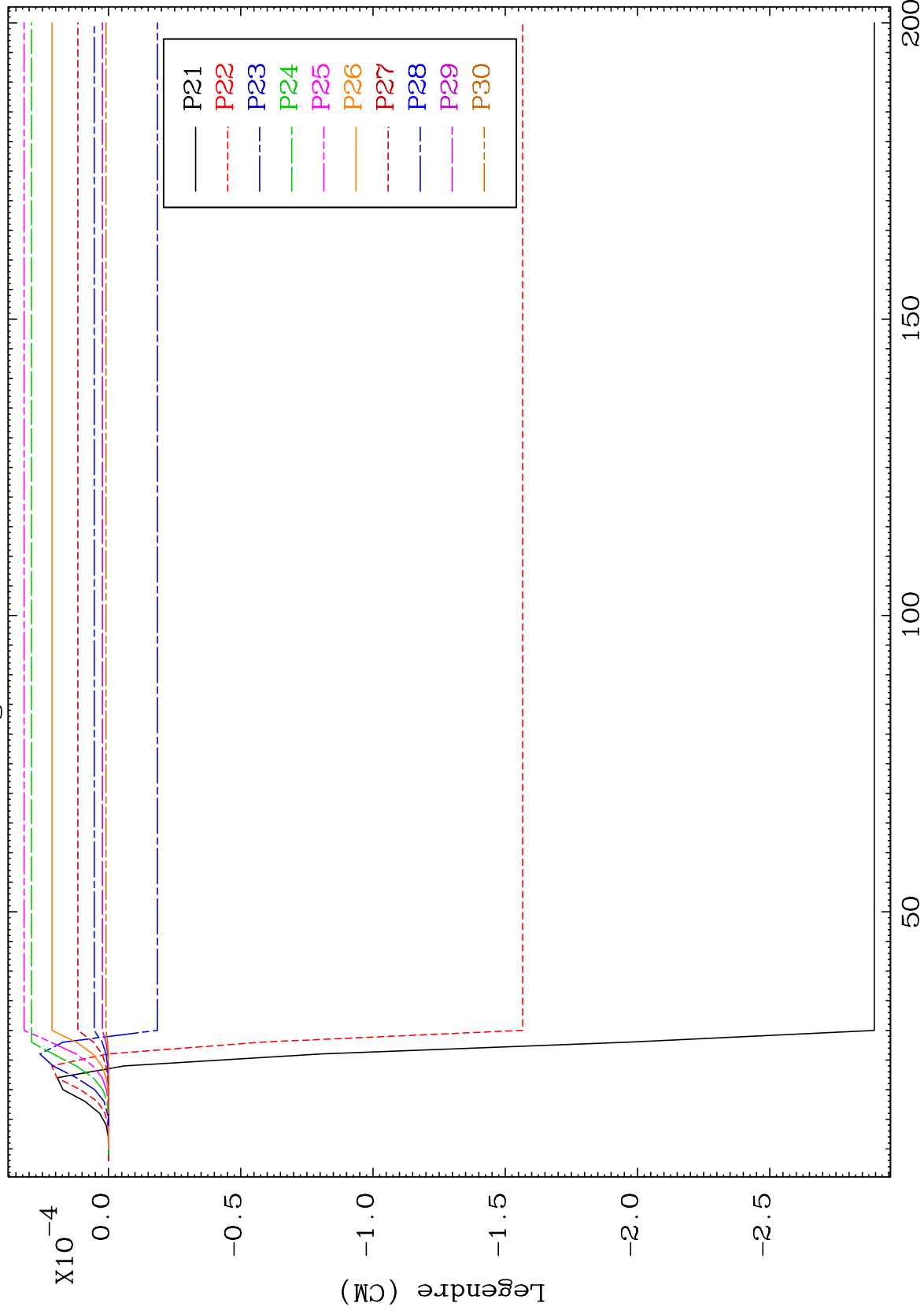
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



25

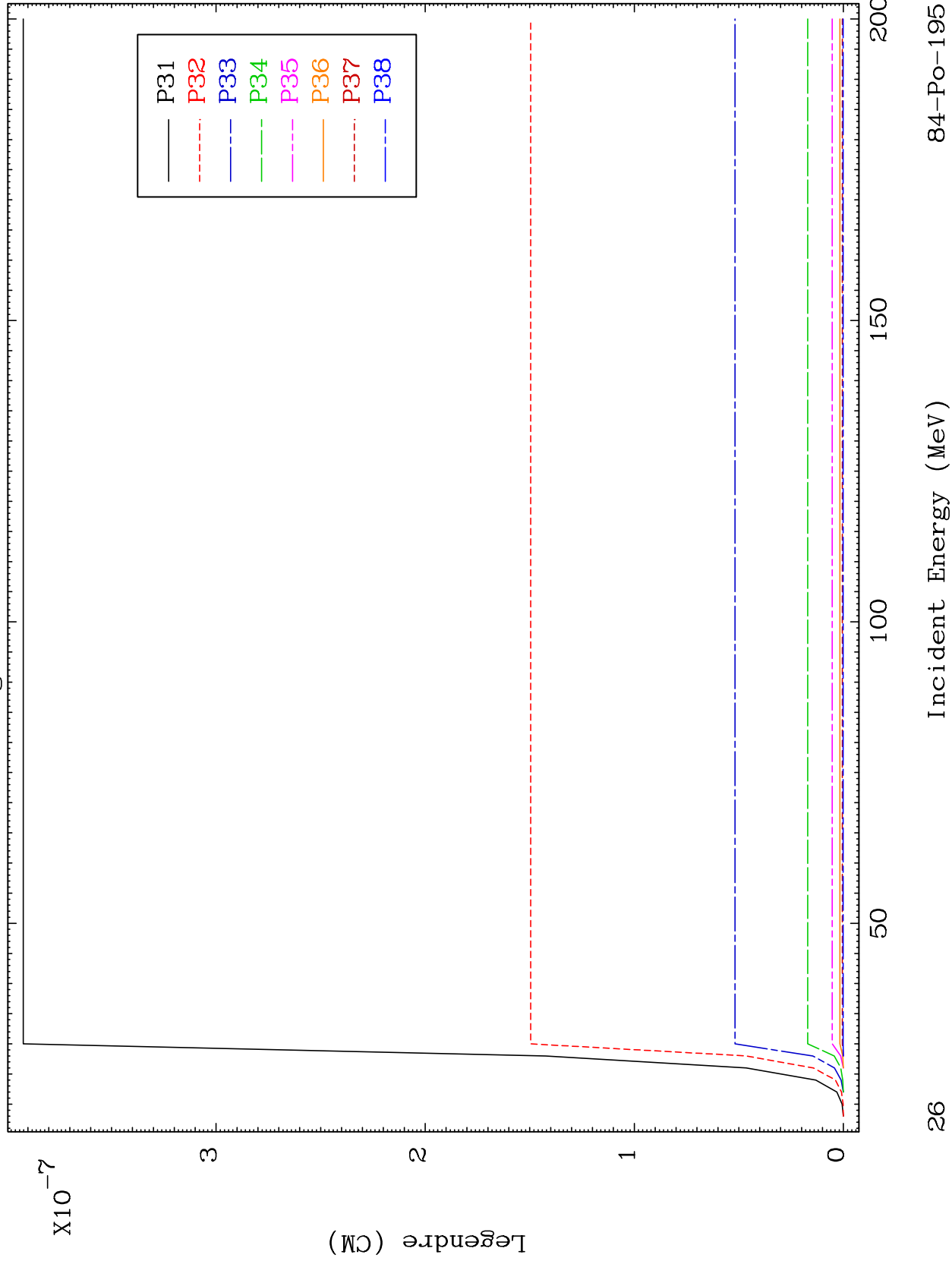
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



26

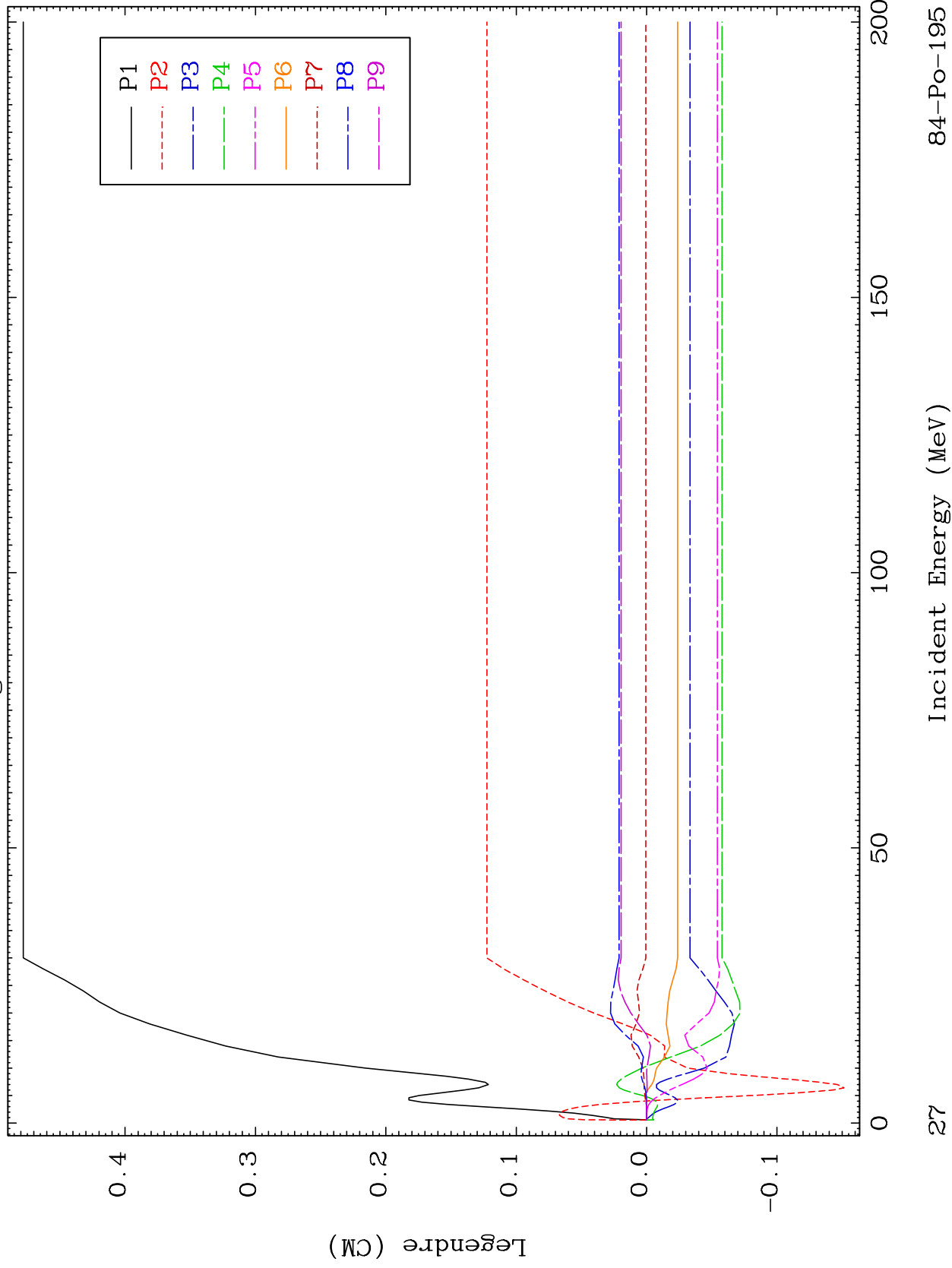
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



84-Po-195

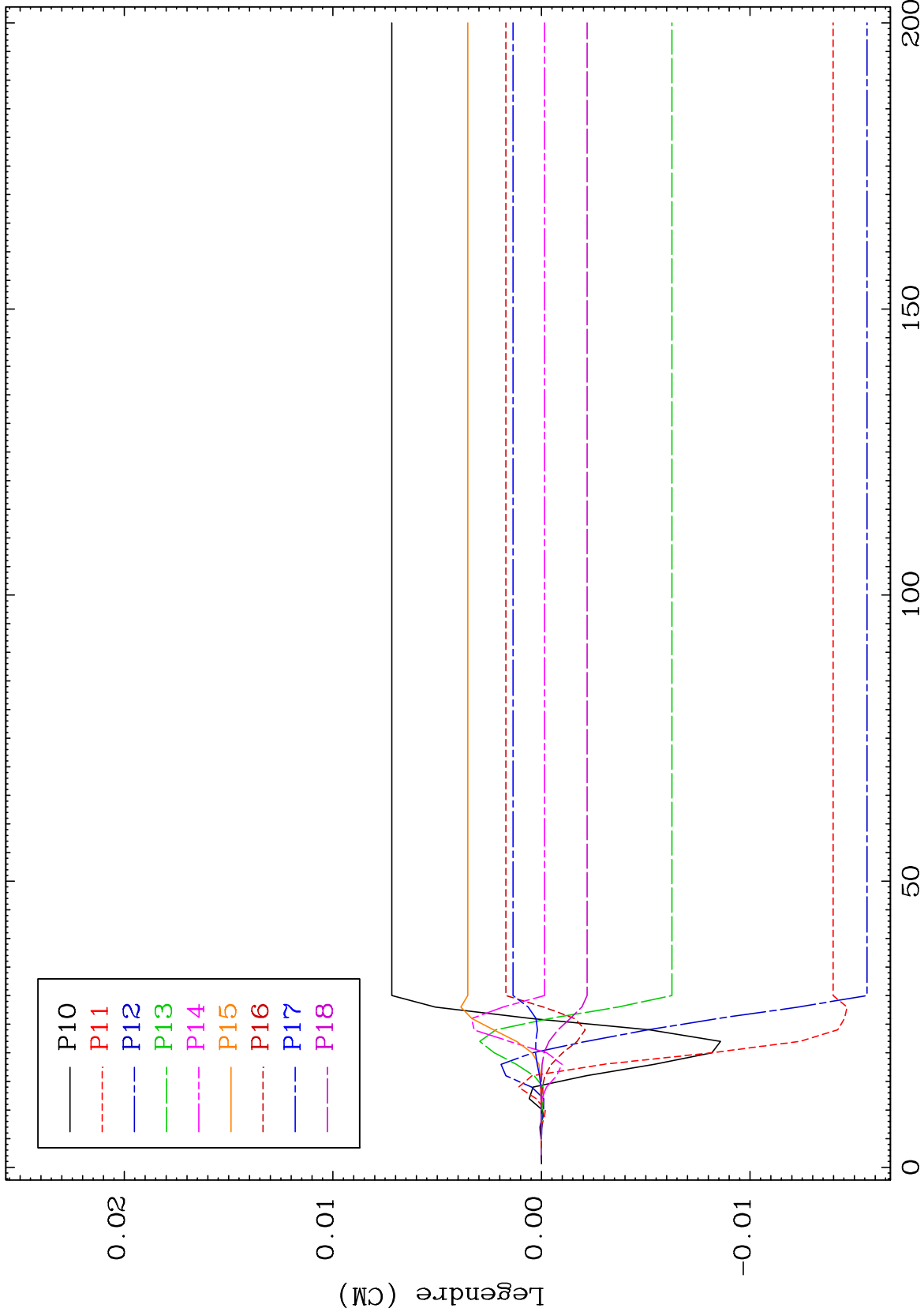
Incident Energy (MeV)

27

MAT 8392

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

84-Po-195



28

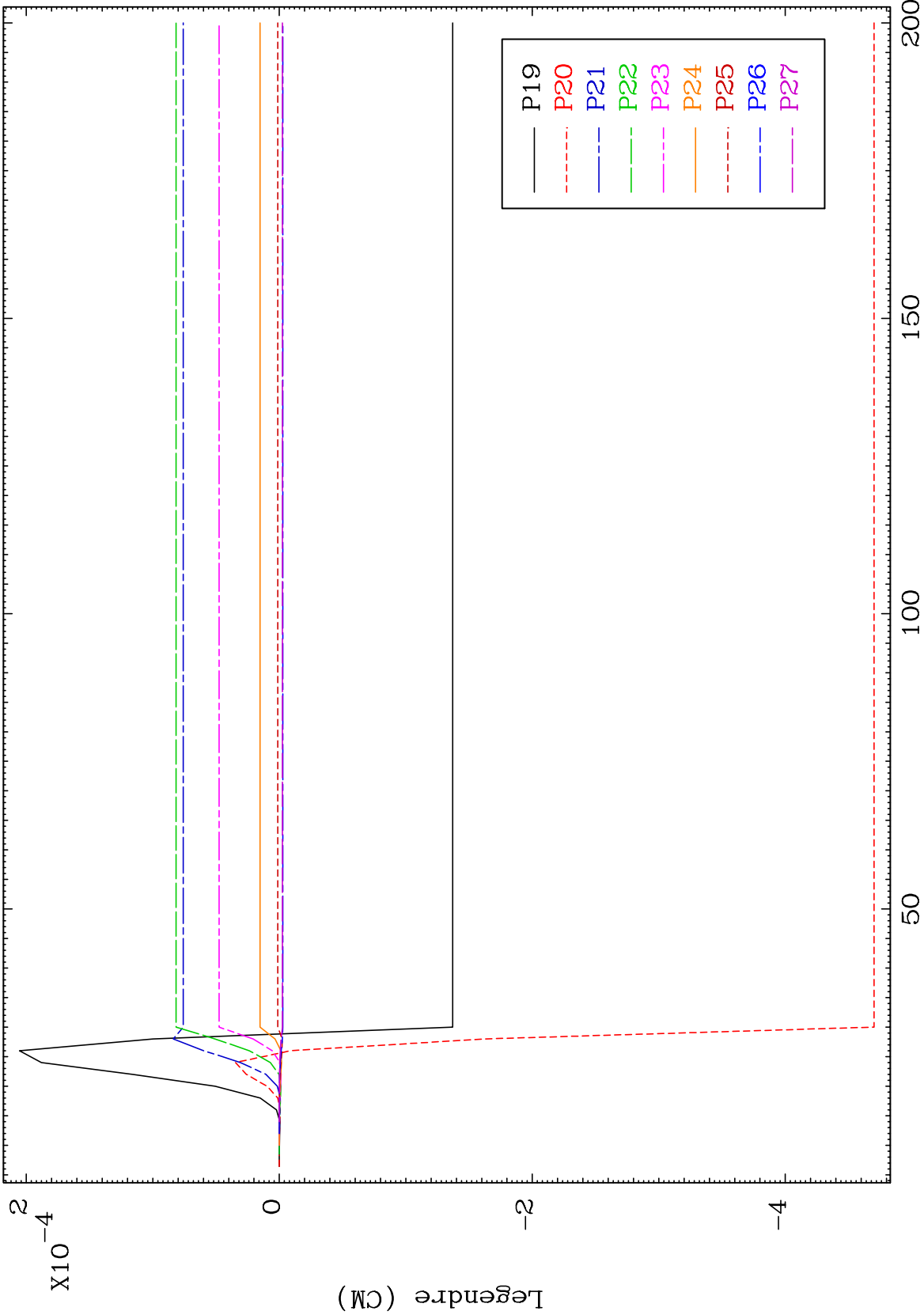
Incident Energy (MeV)

84-Po-195

MAT 8392

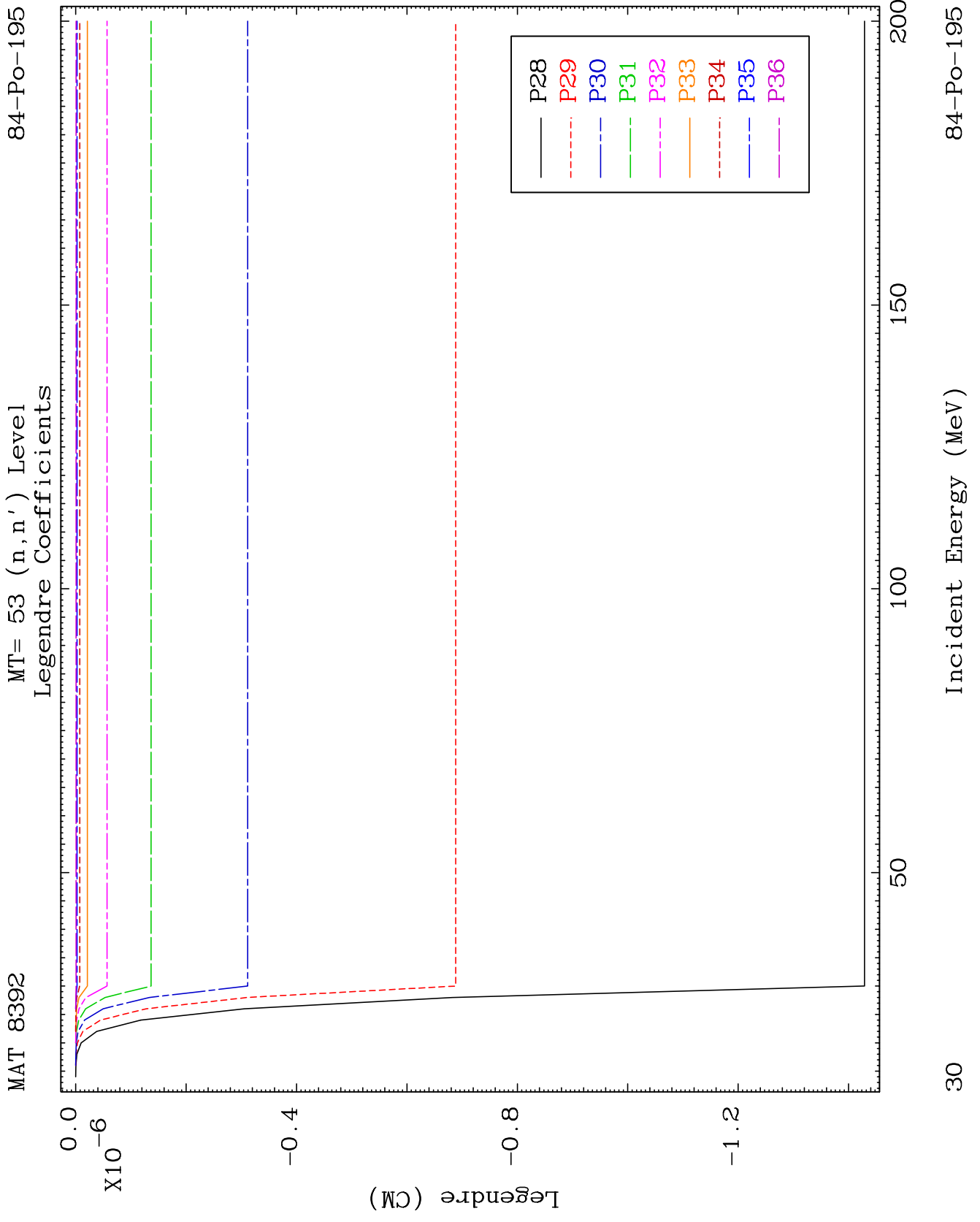
MT= 53 (n,n') Level
Legendre Coefficients

84-Po-195



29

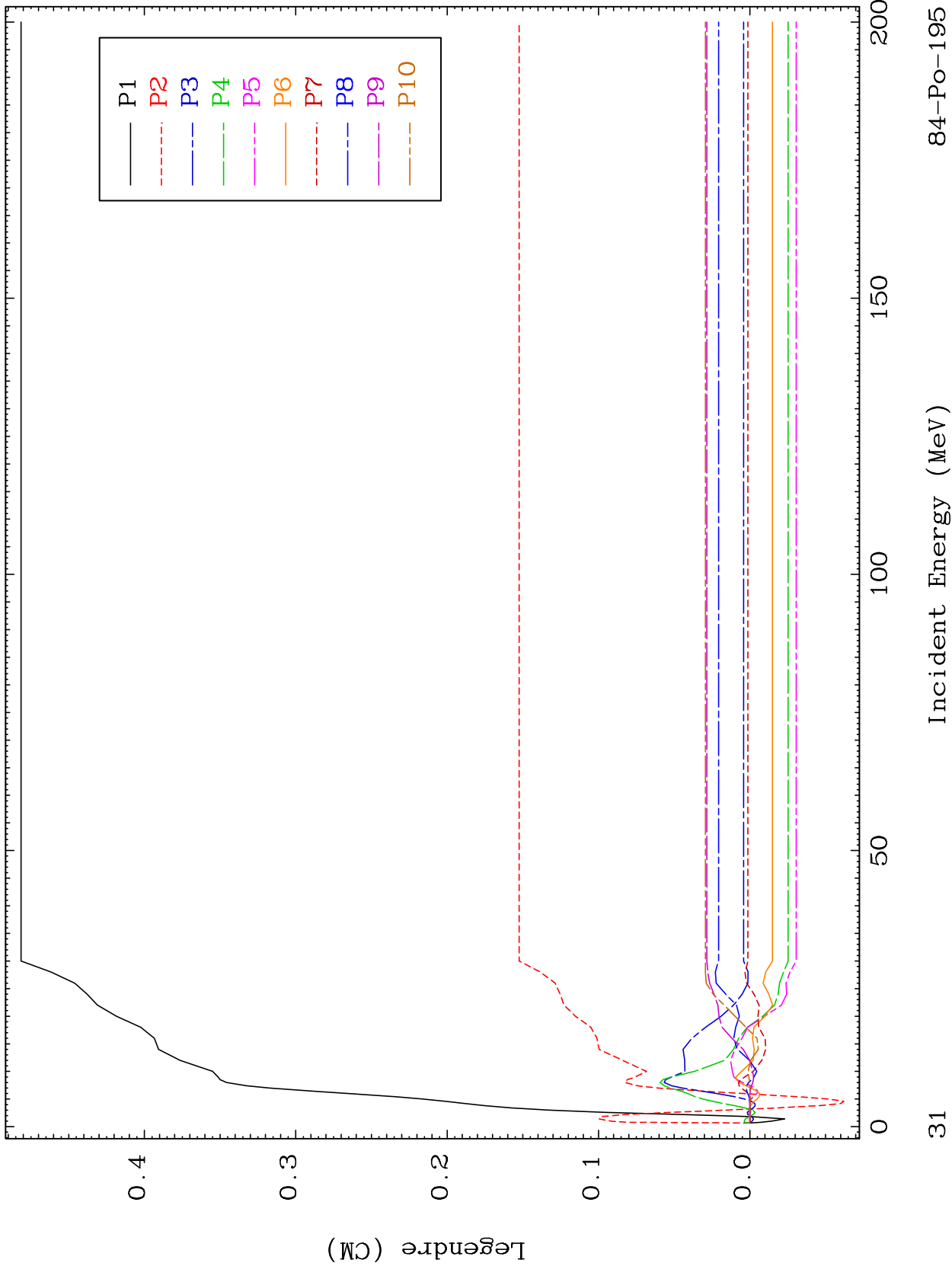
84-Po-195



MAT 8392

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

84-Po-195



31

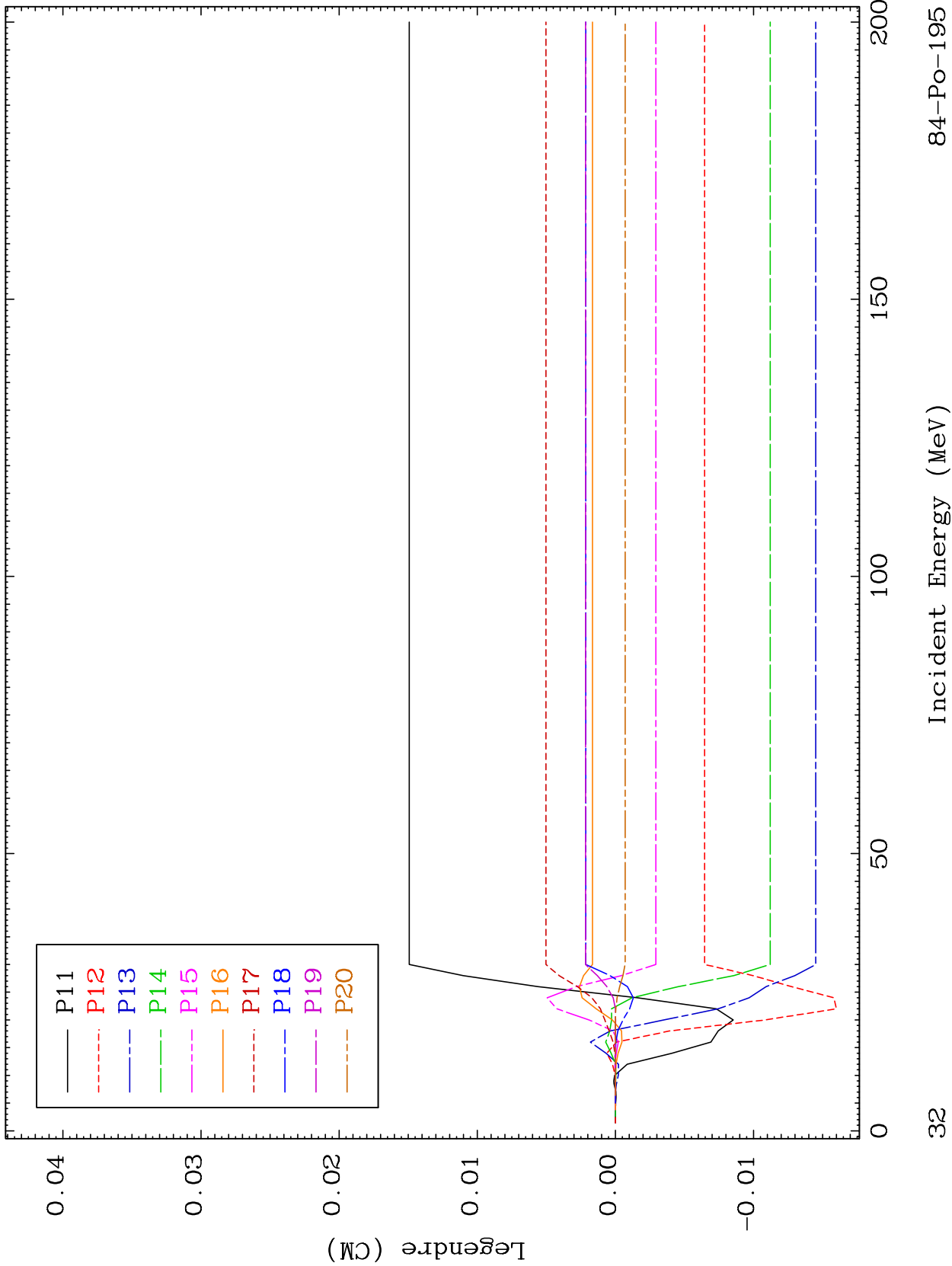
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



32

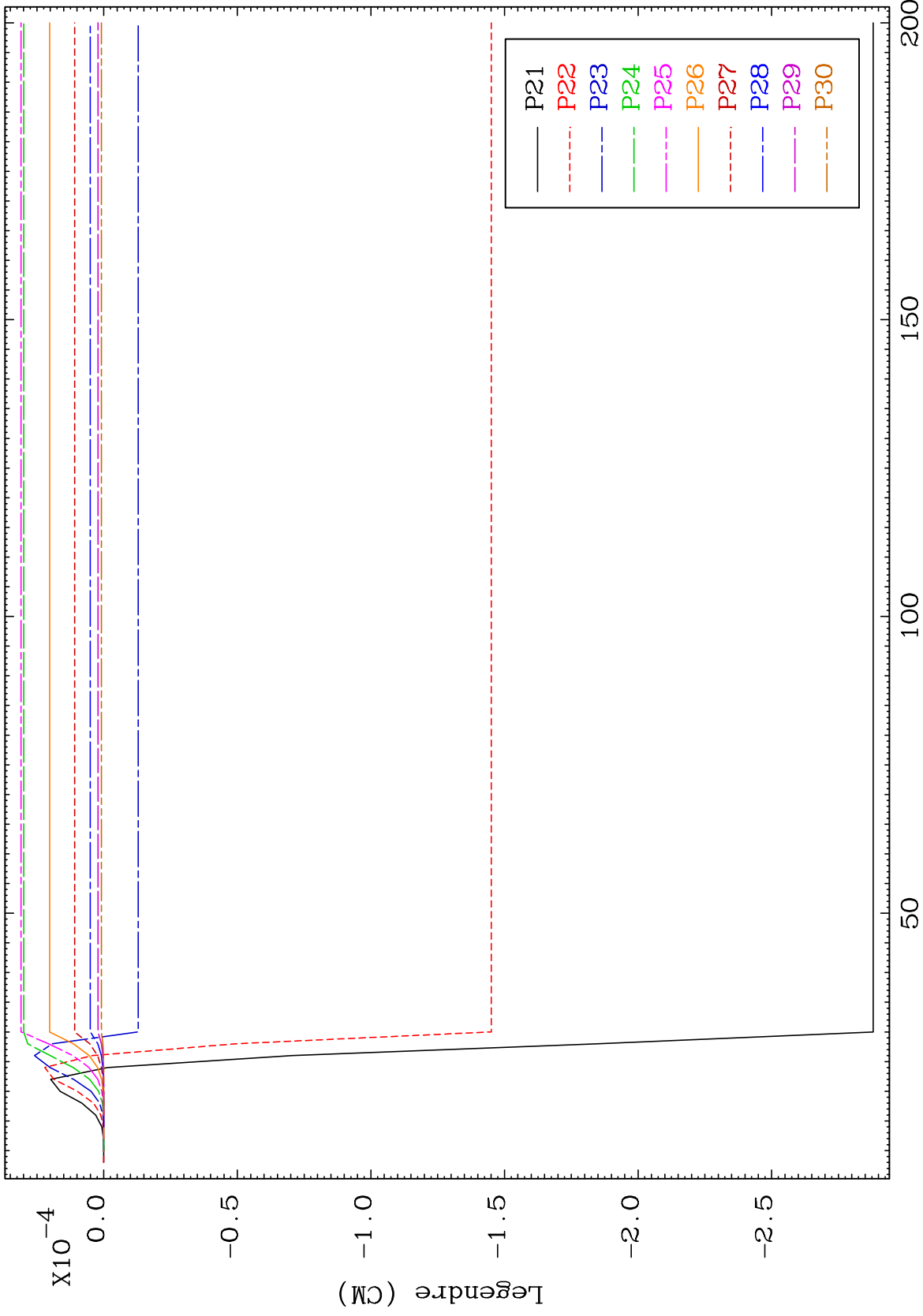
Incident Energy (MeV)

84-Po-195

MAT 8392

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

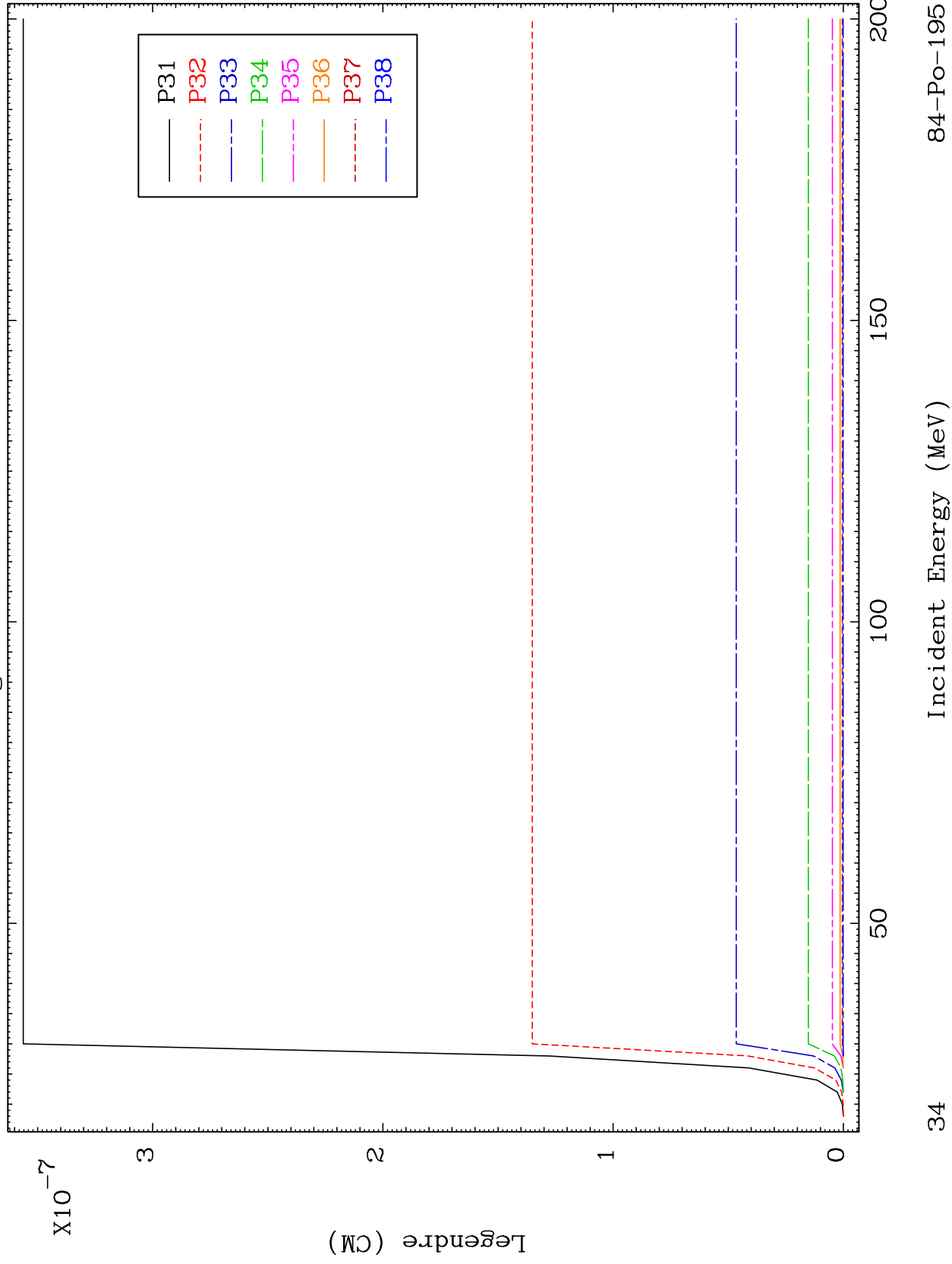
84-Po-195



MAT 8392

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

84-Po-195



34

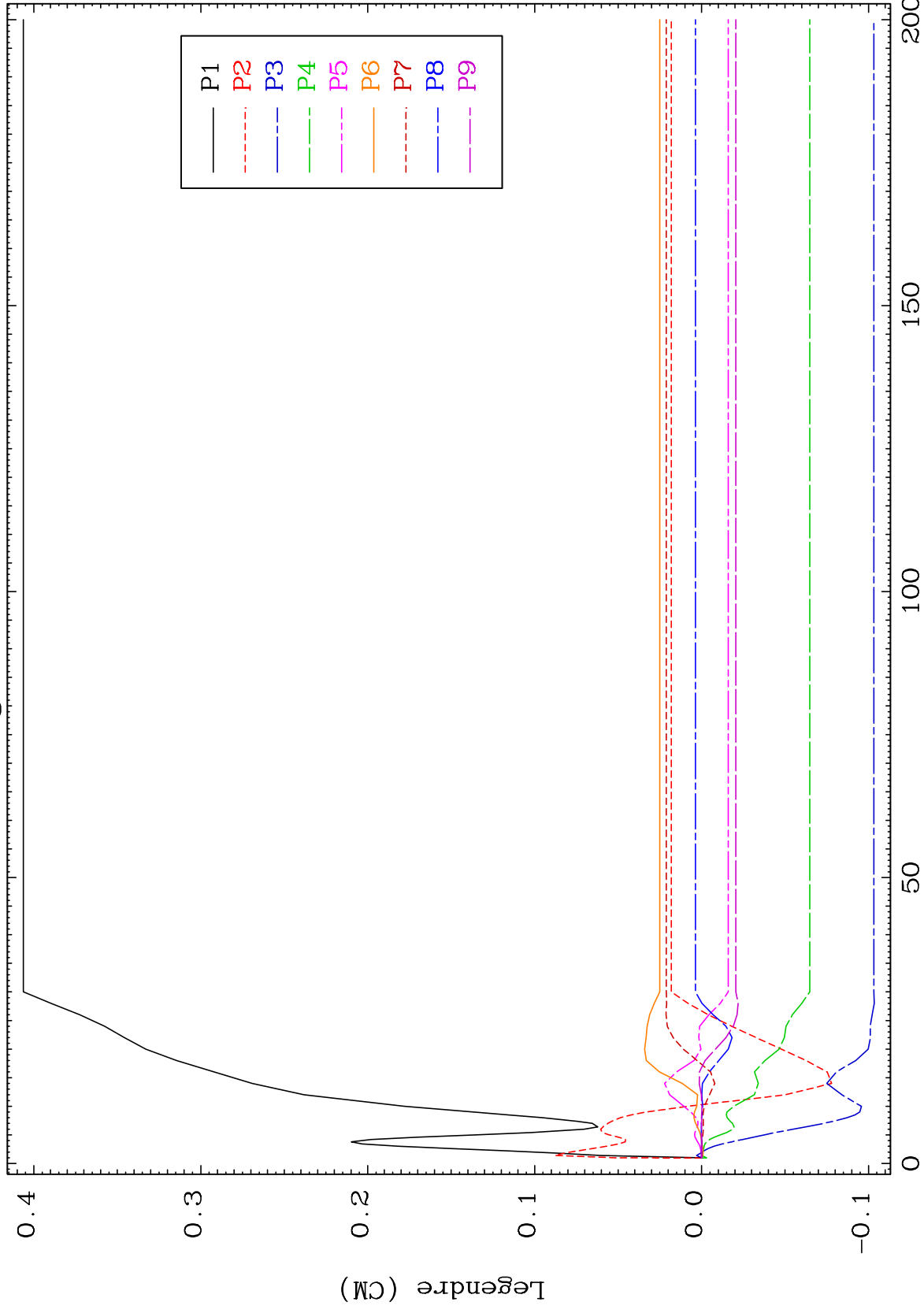
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



84-Po-195

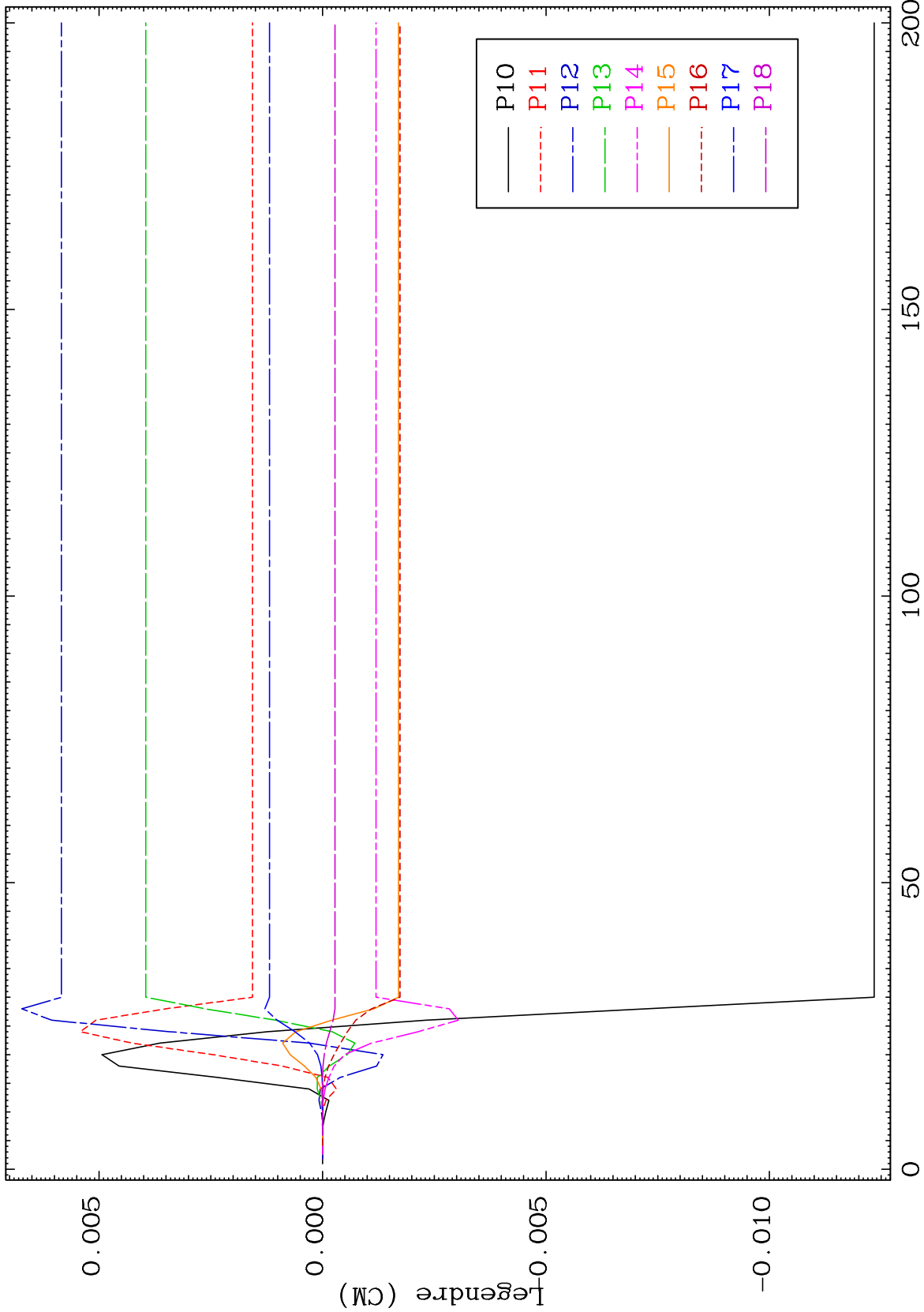
Incident Energy (MeV)

35

MAT 8392

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

84-Po-195



36

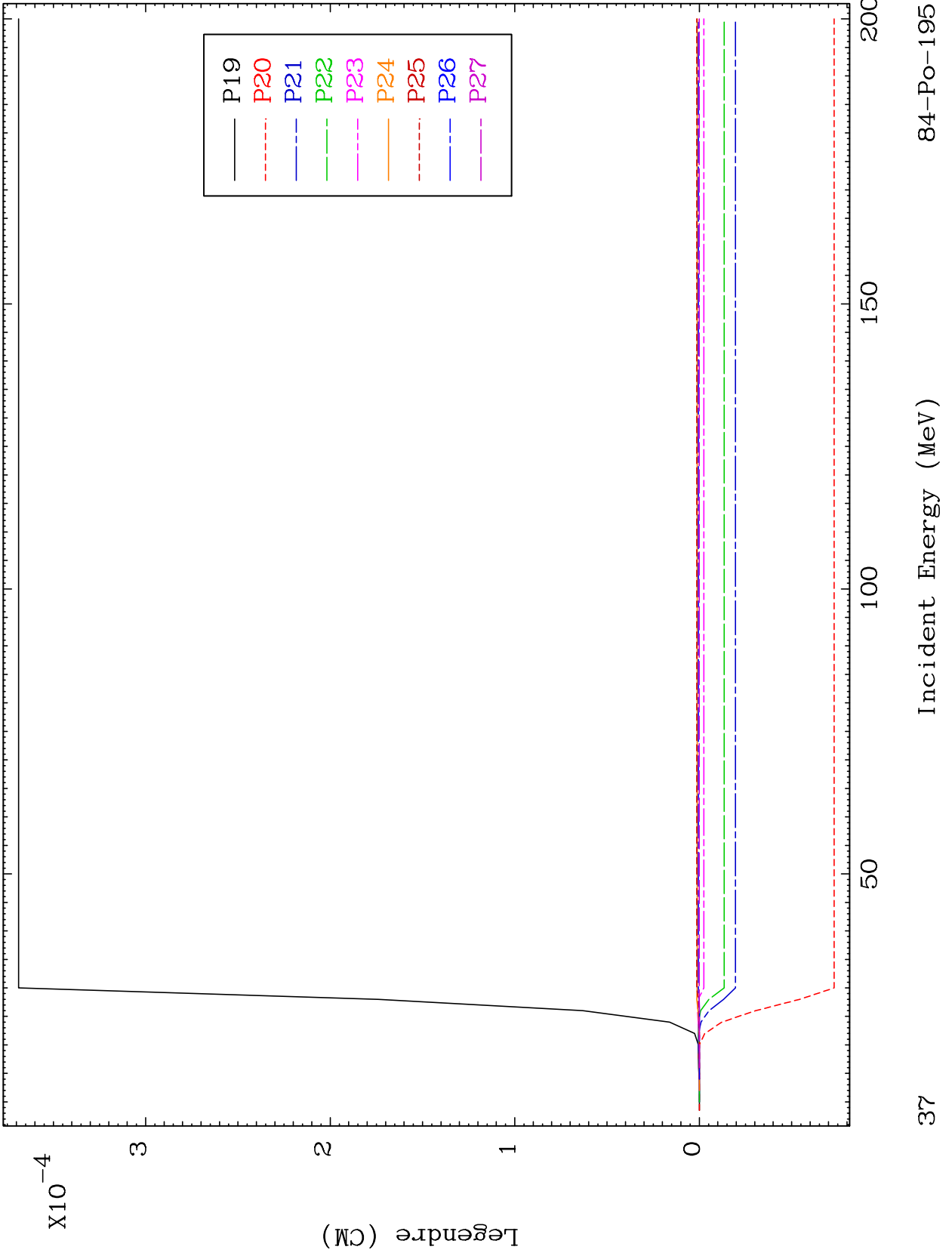
Incident Energy (MeV)

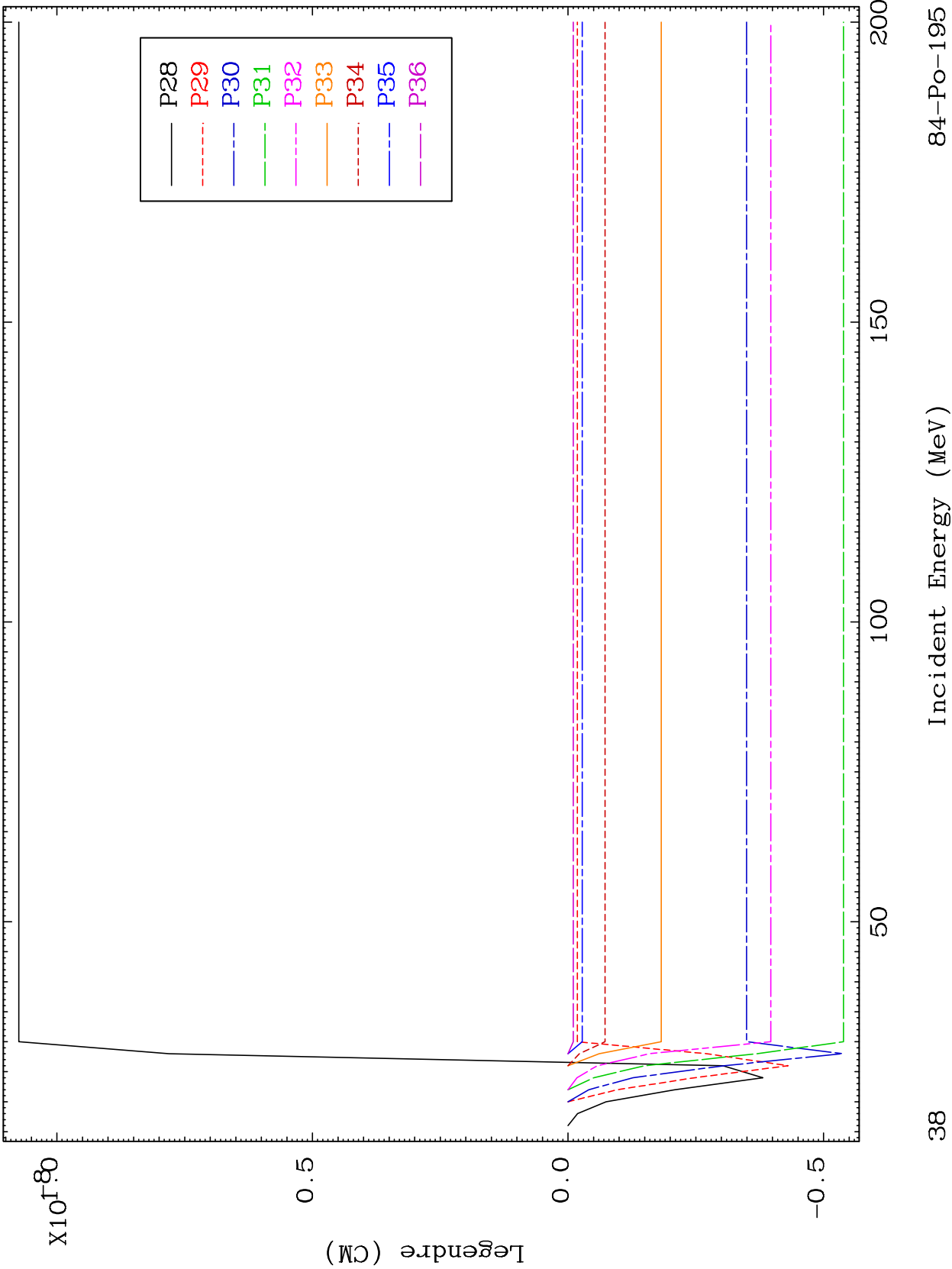
84-Po-195

MAT 8392

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

84-Po-195

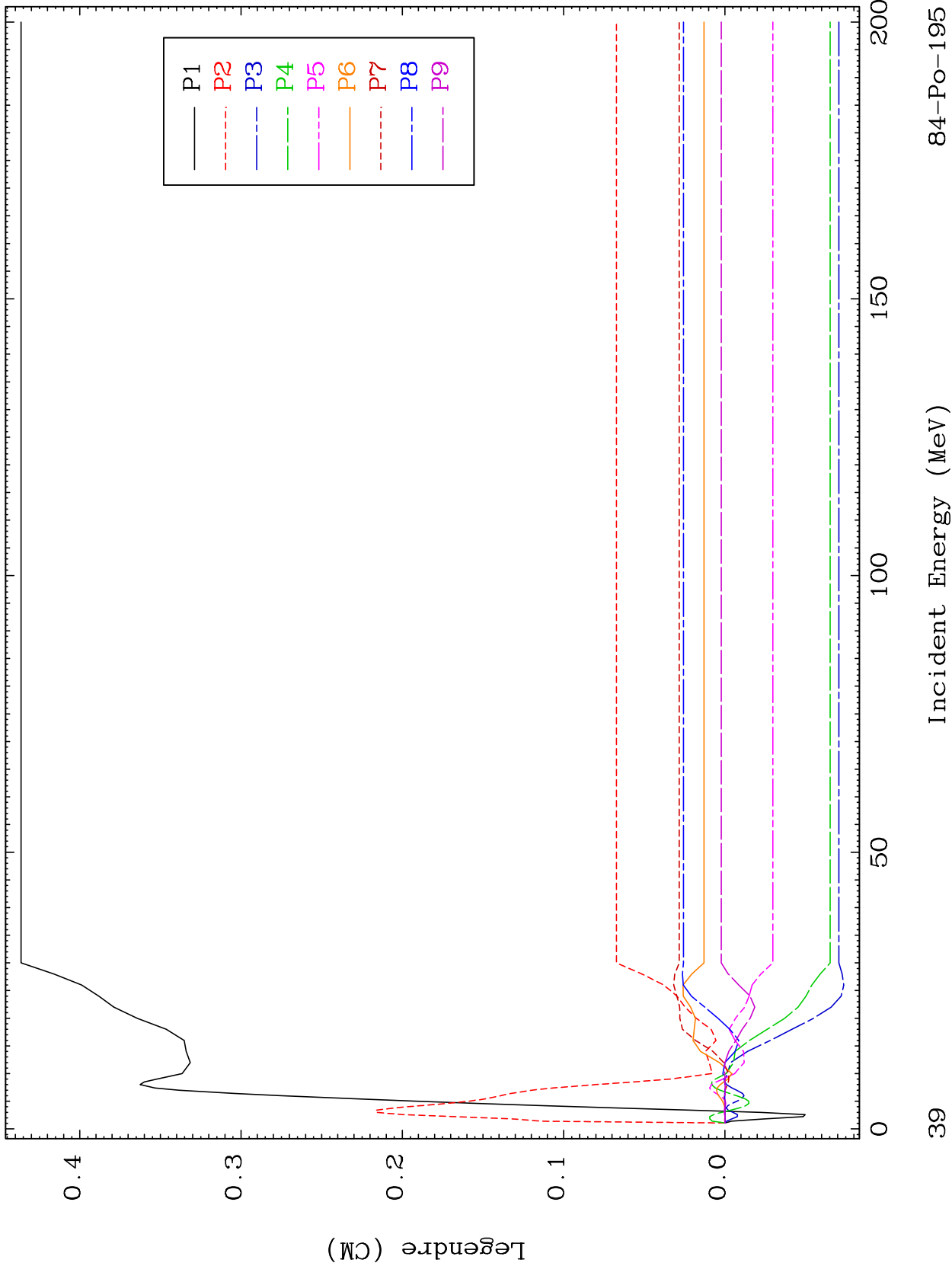




MAT 8392

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

84-Po-195



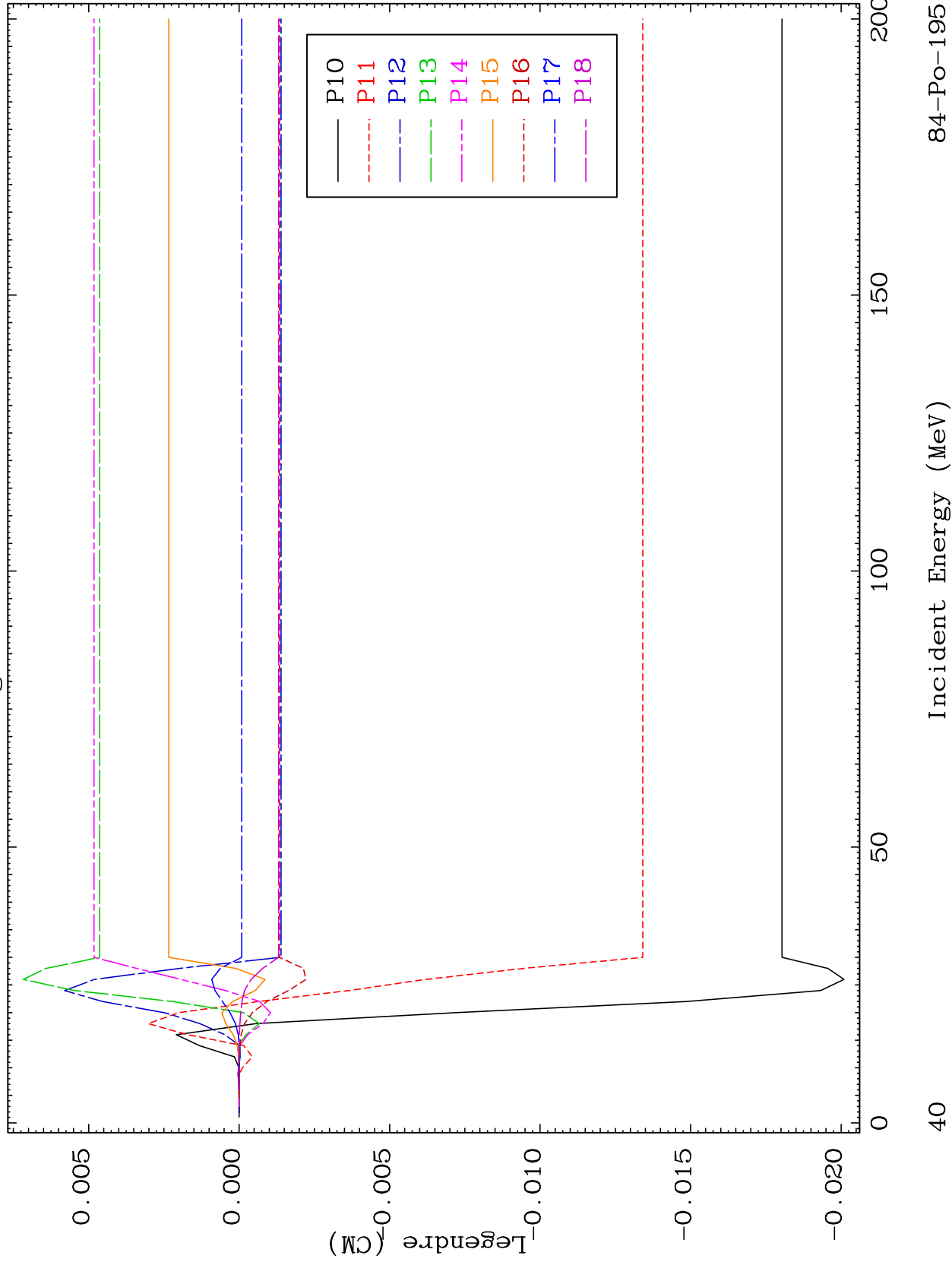
39

84-Po-195

MAT 8392

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

84-Po-195

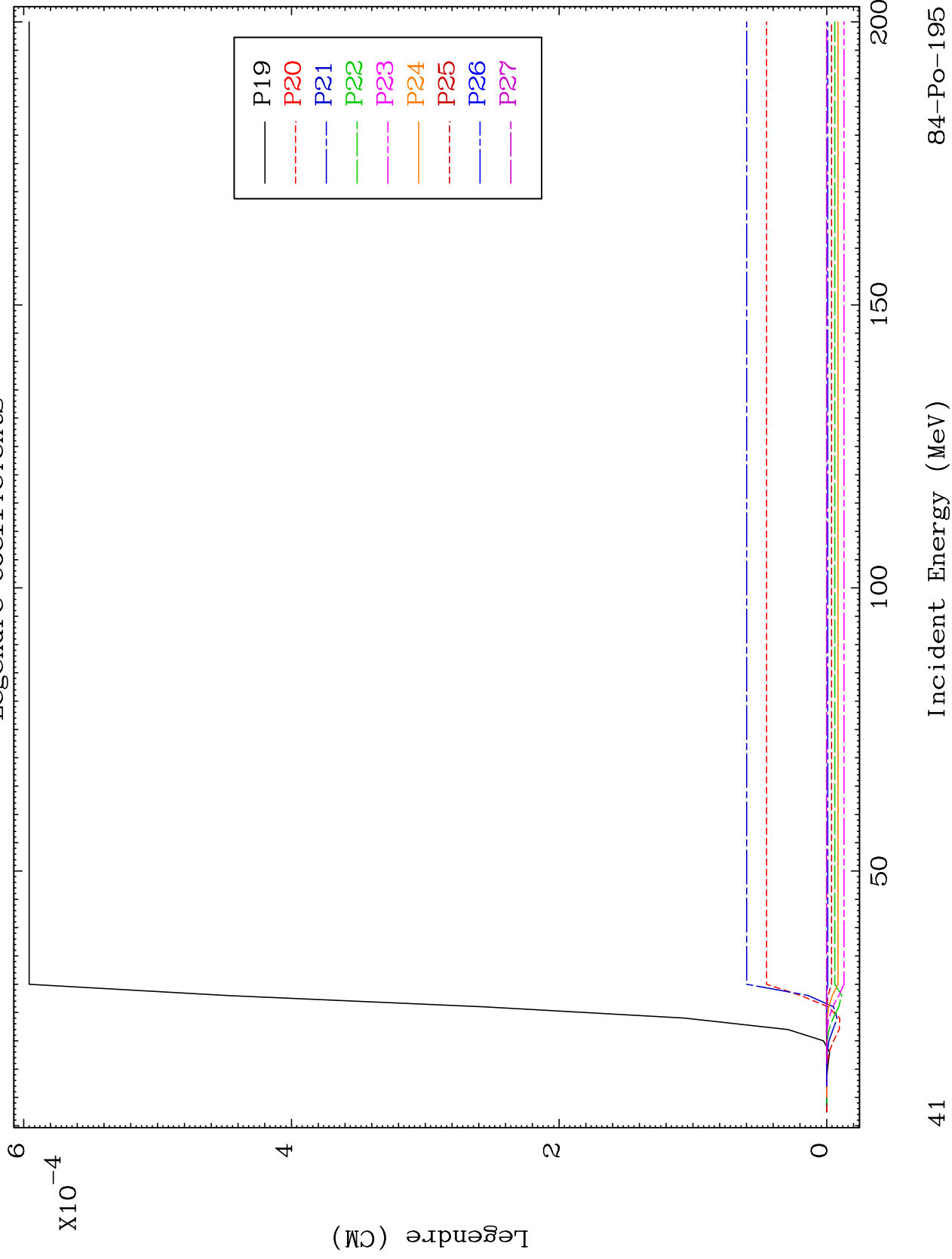


84-Po-195

MAT 8392

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

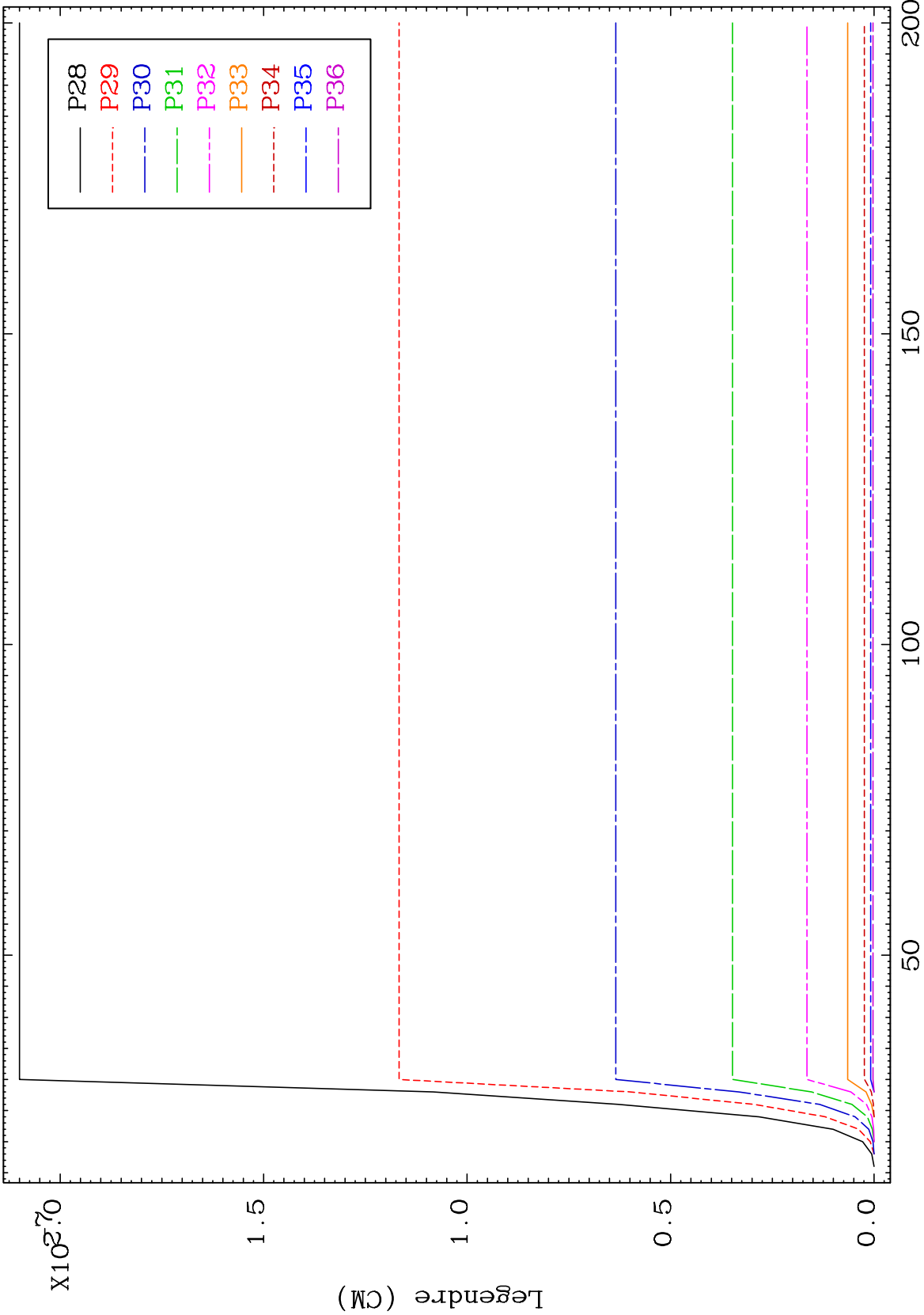
84-Po-195



MAT 8392

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

84-Po-195



42

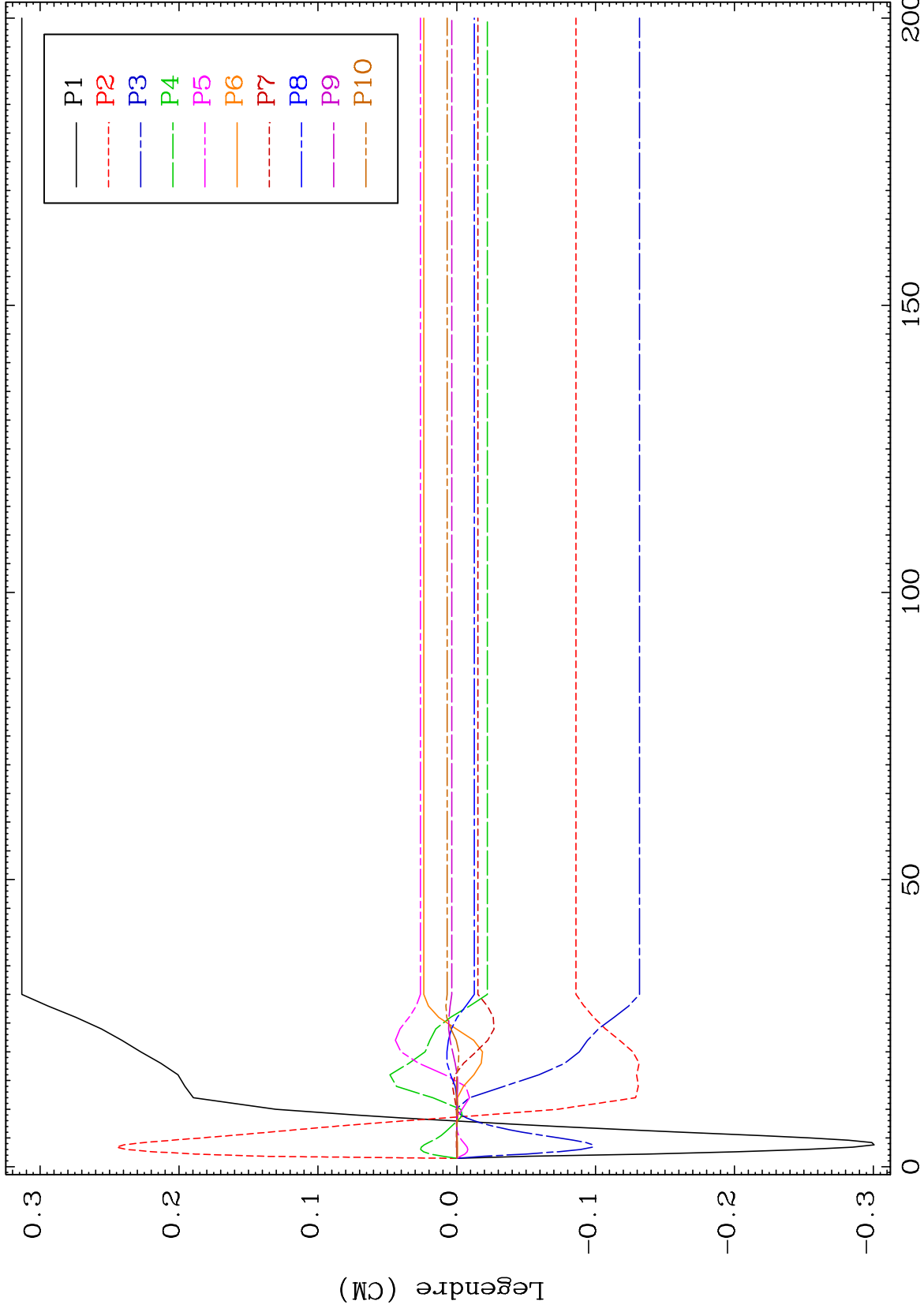
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



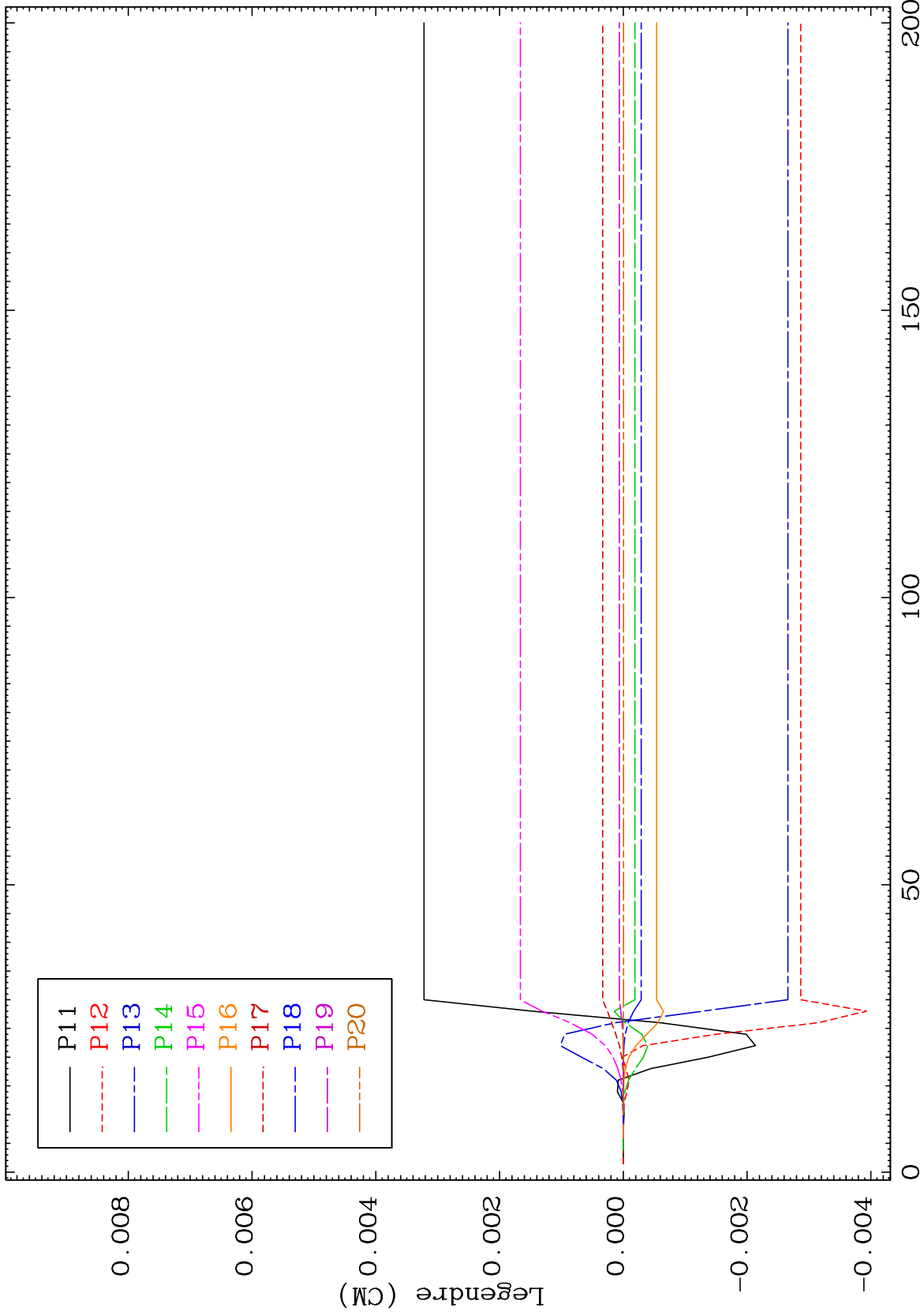
43

84-Po-195

MAT 8392

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

84-Po-195



44

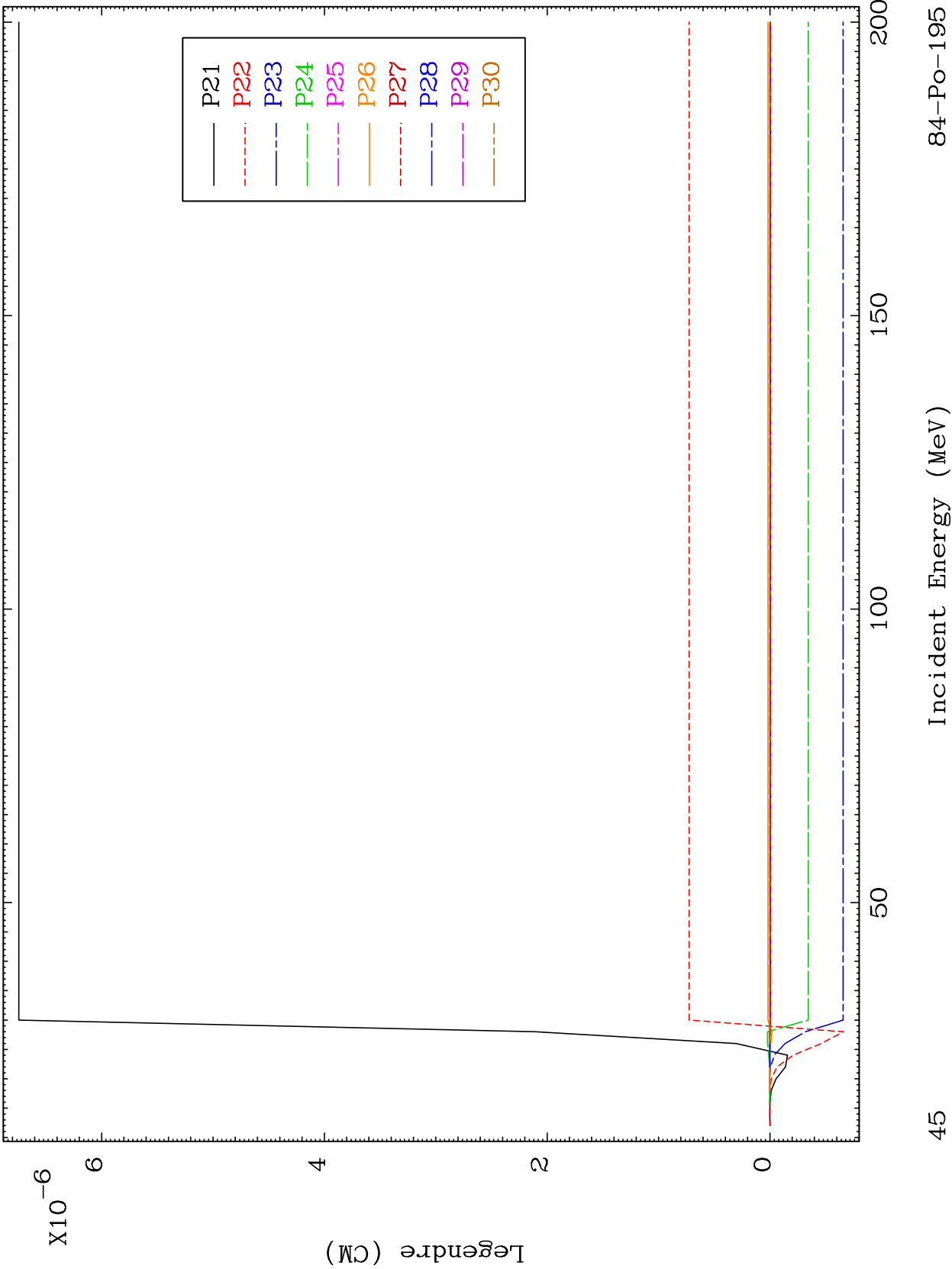
Incident Energy (MeV)

84-Po-195

MAT 8392

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

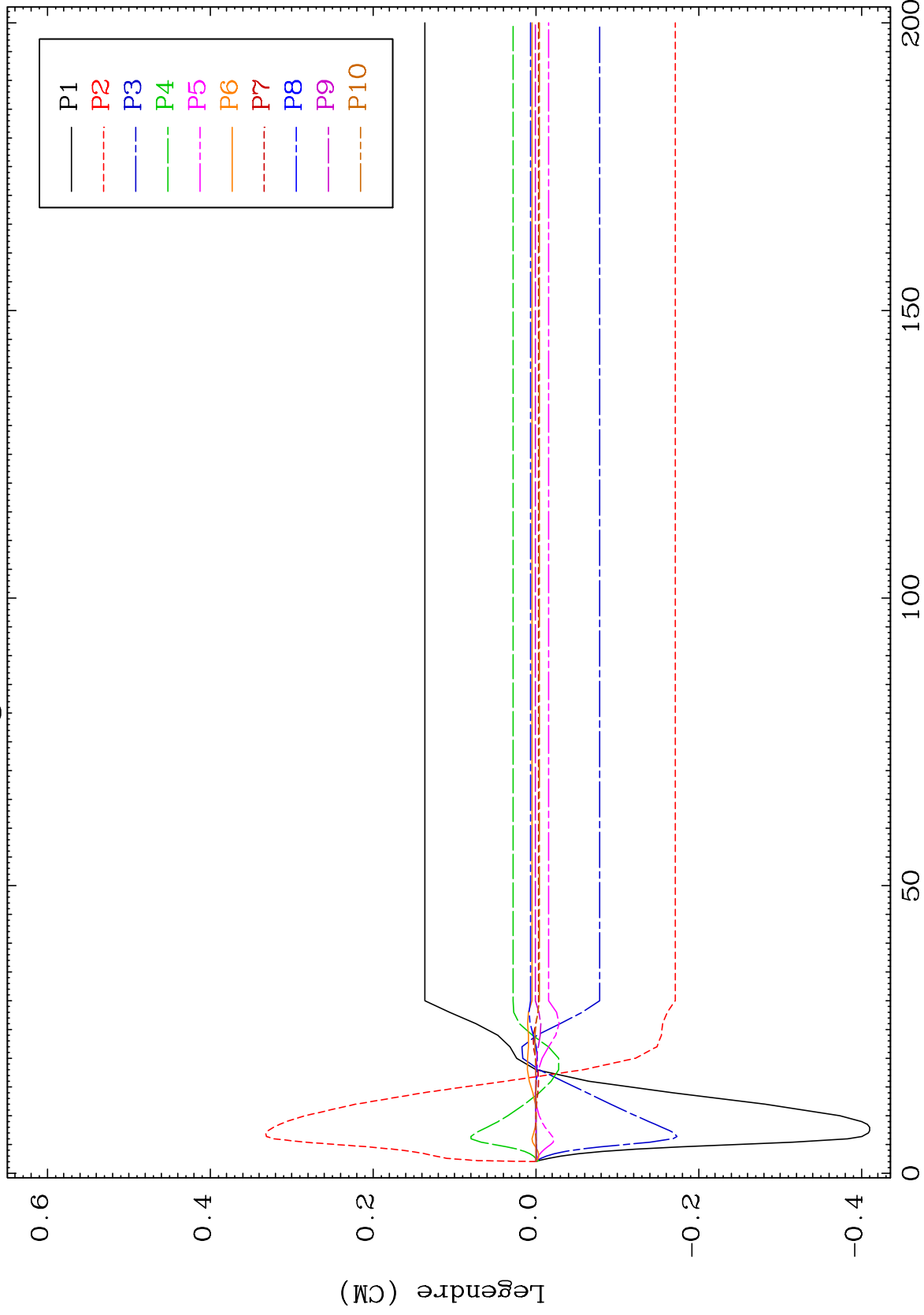
84-Po-195



MAT 8392

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

84-Po-195



46

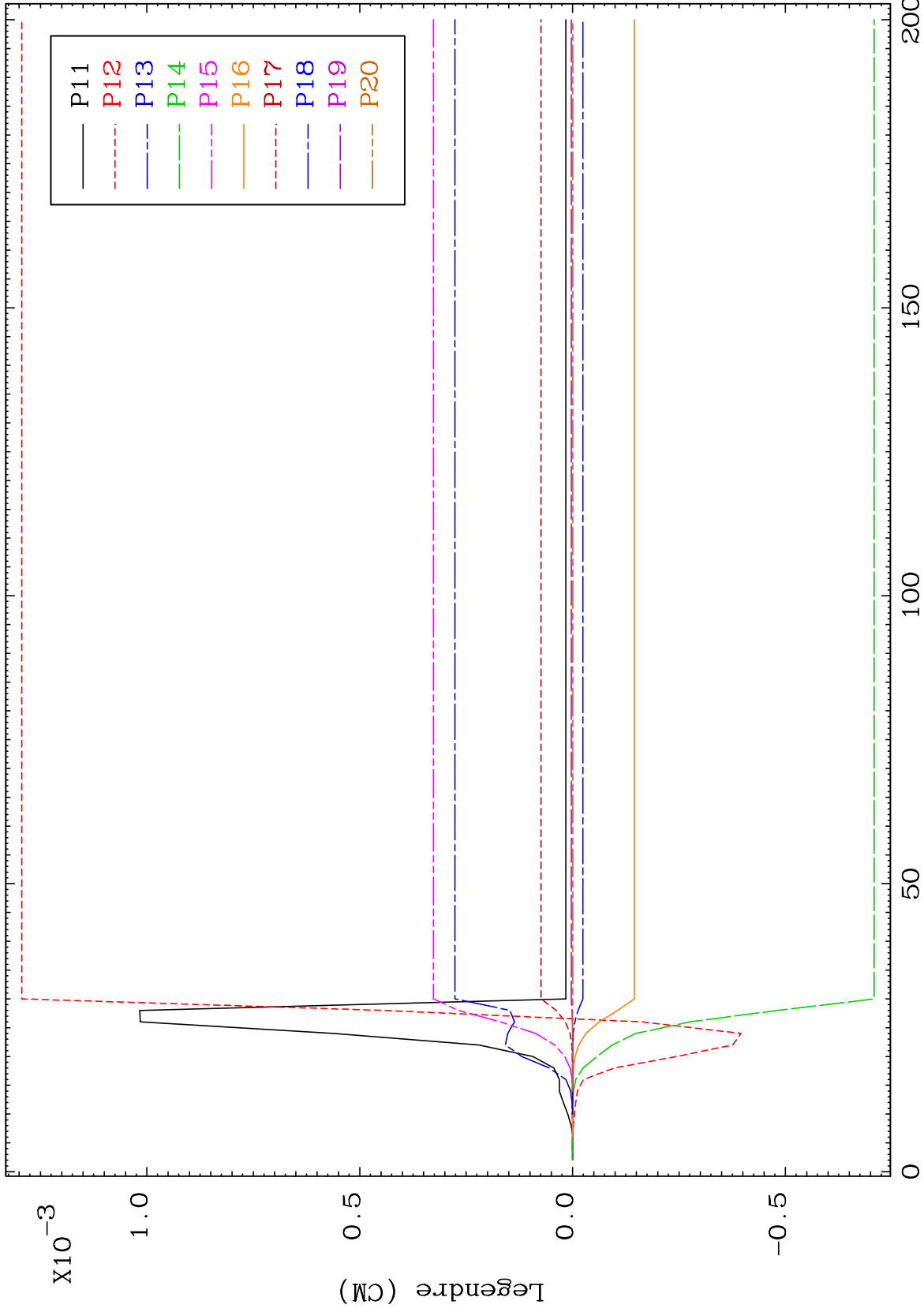
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



47

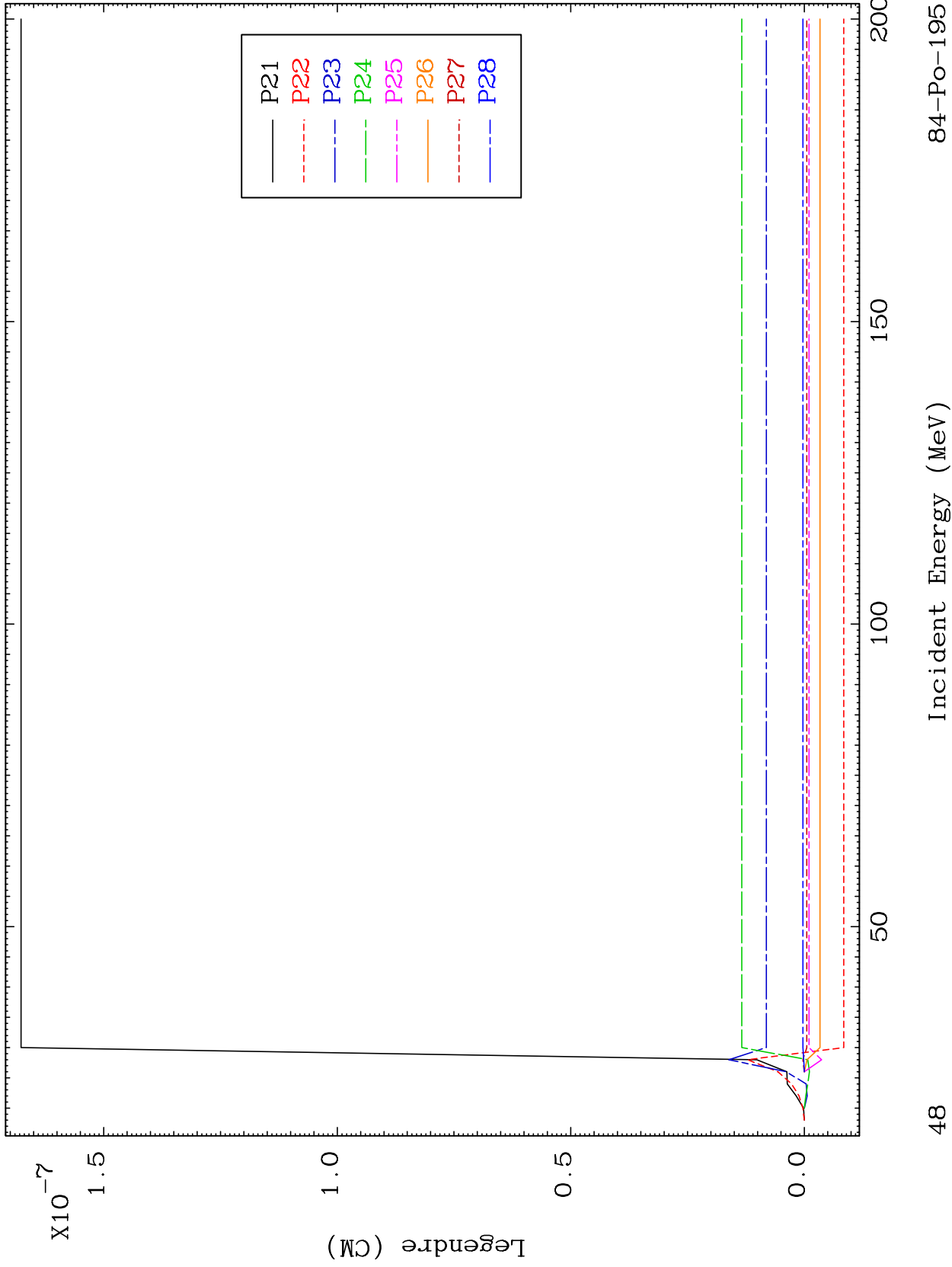
Incident Energy (MeV)

84-Po-195

MAT 8392

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

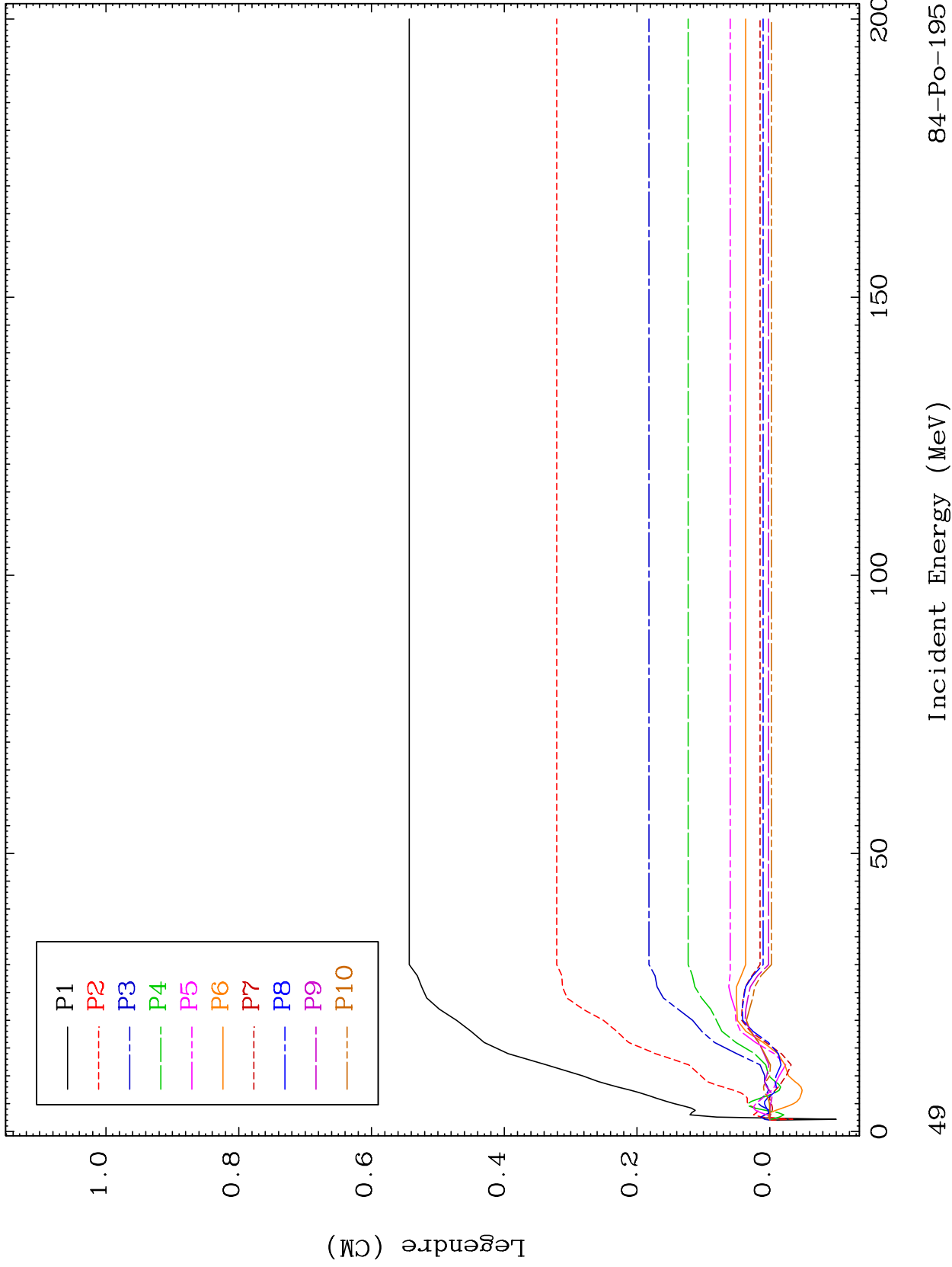
84-Po-195



MAT 8392

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

84-Po-195



49

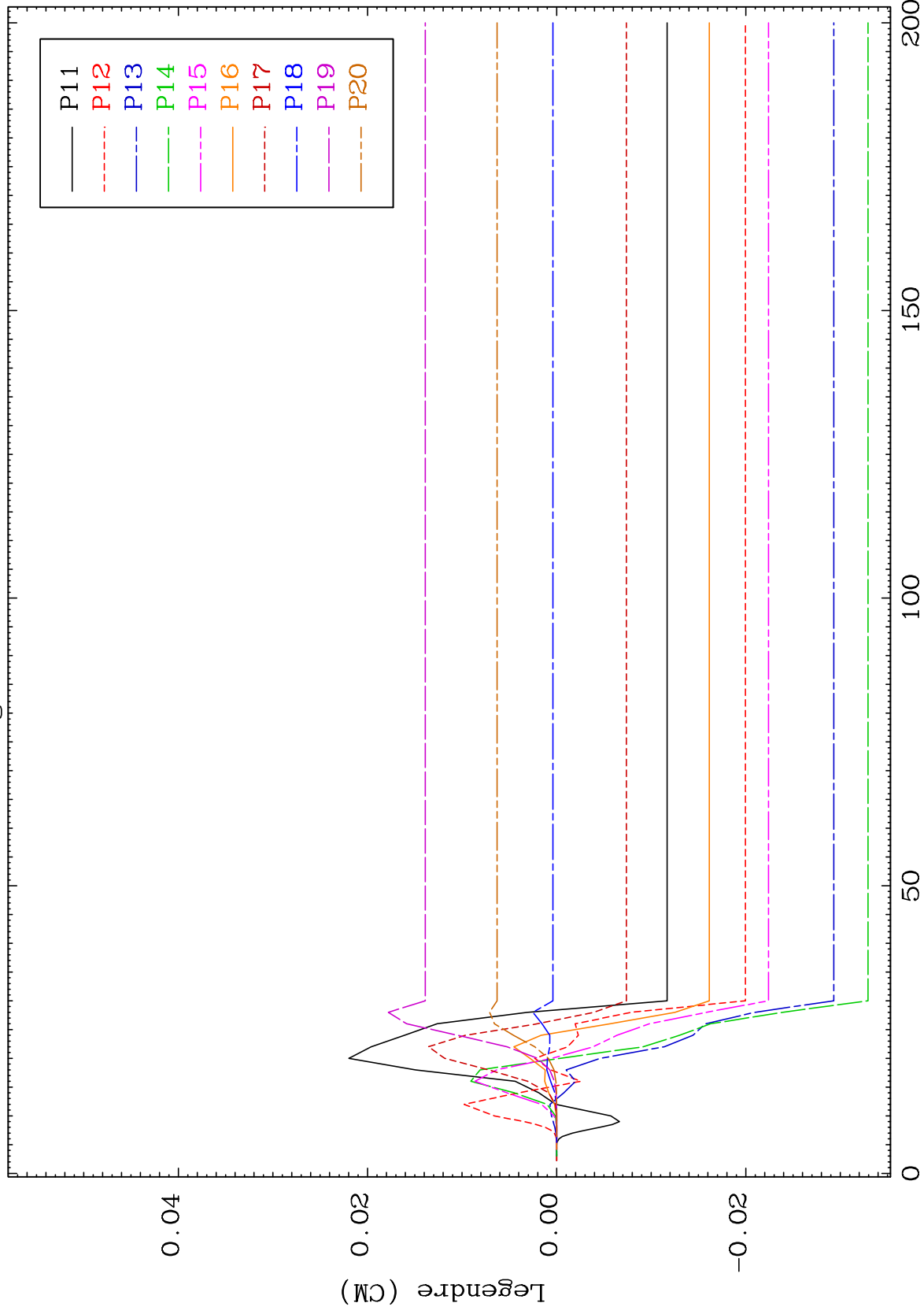
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



84-Po-195

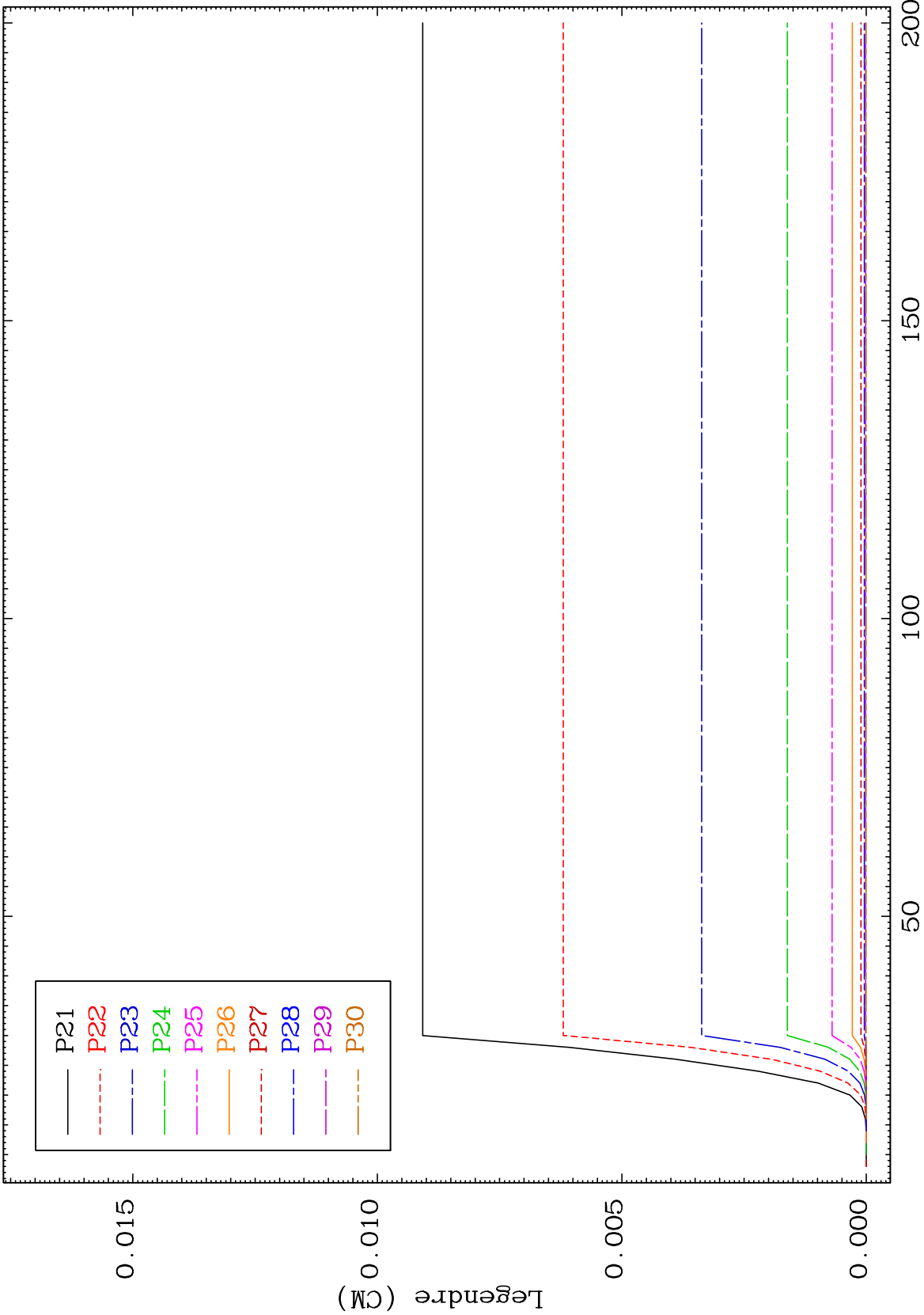
Incident Energy (MeV)

50

MAT 8392

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

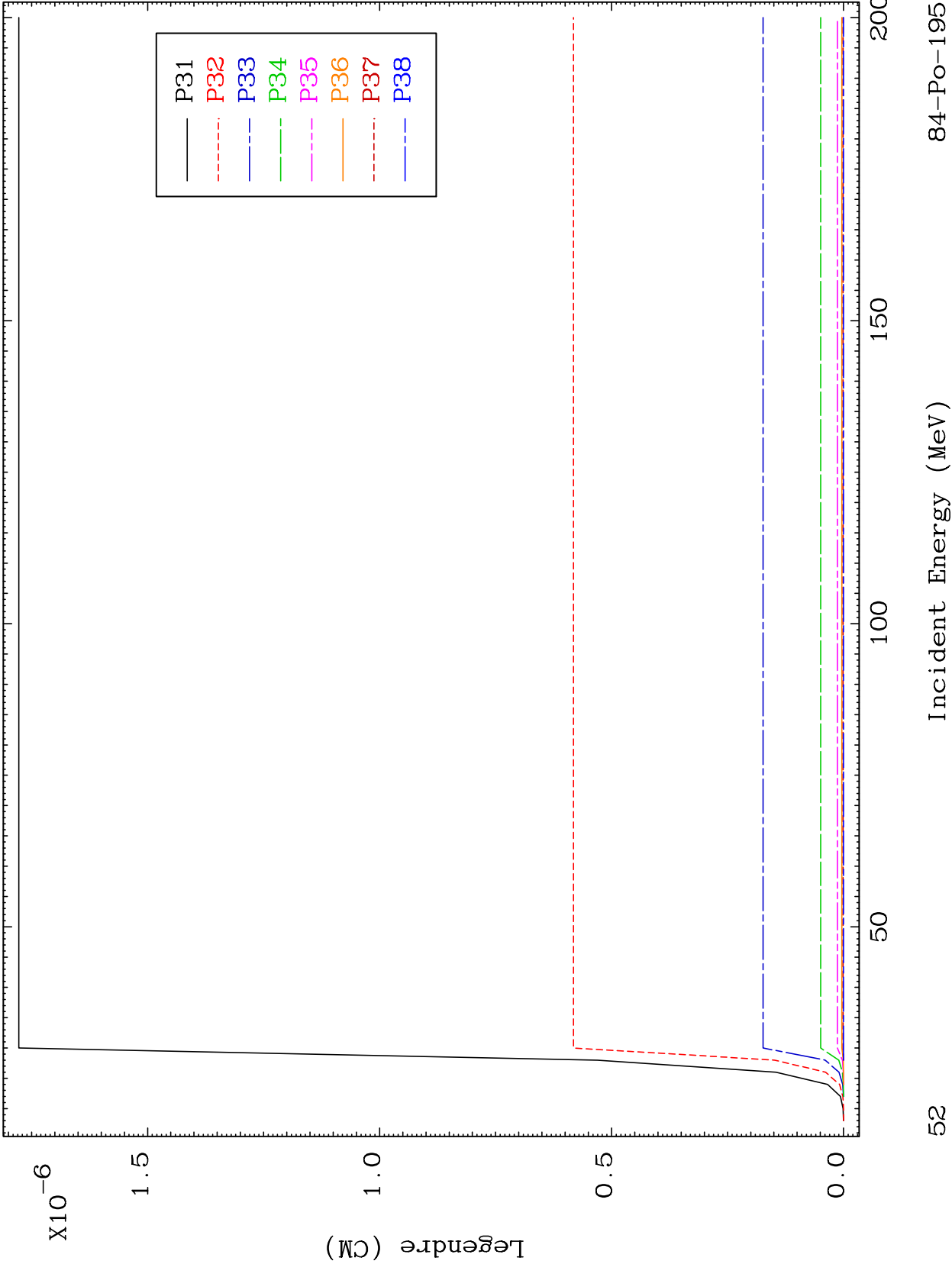
84-Po-195



MAT 8392

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

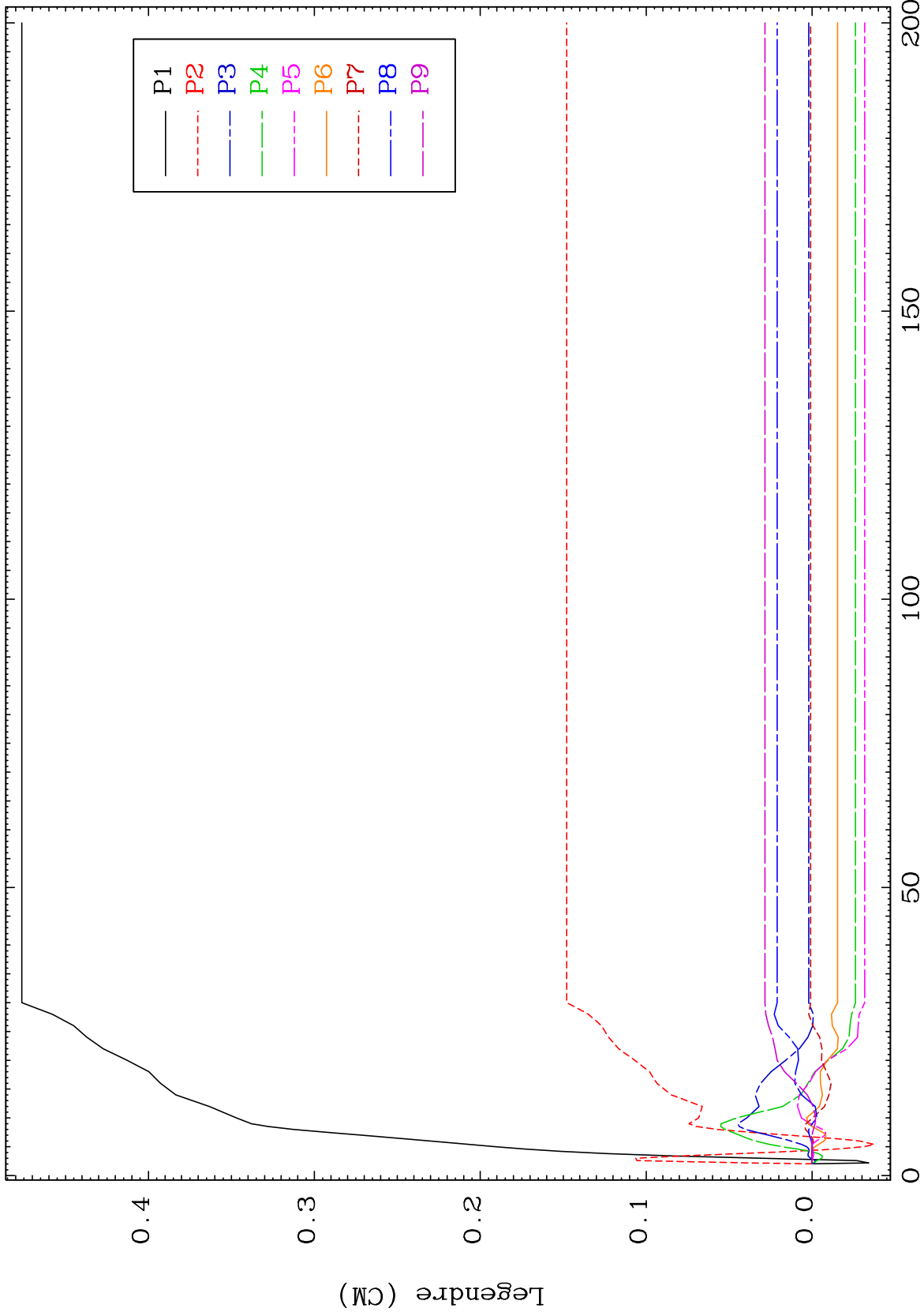
84-Po-195



MAT 8392

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

84-Po-195



53

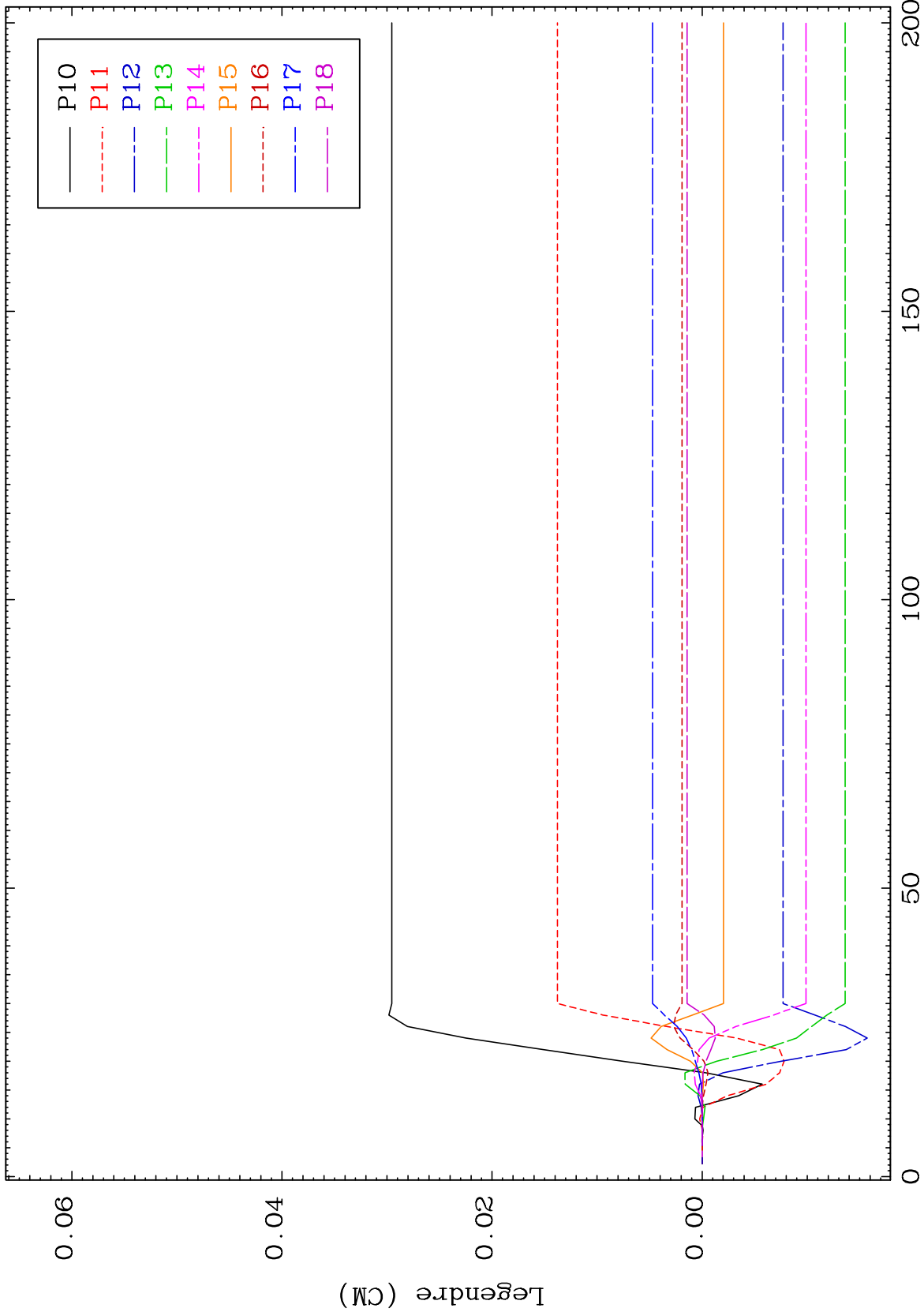
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



54

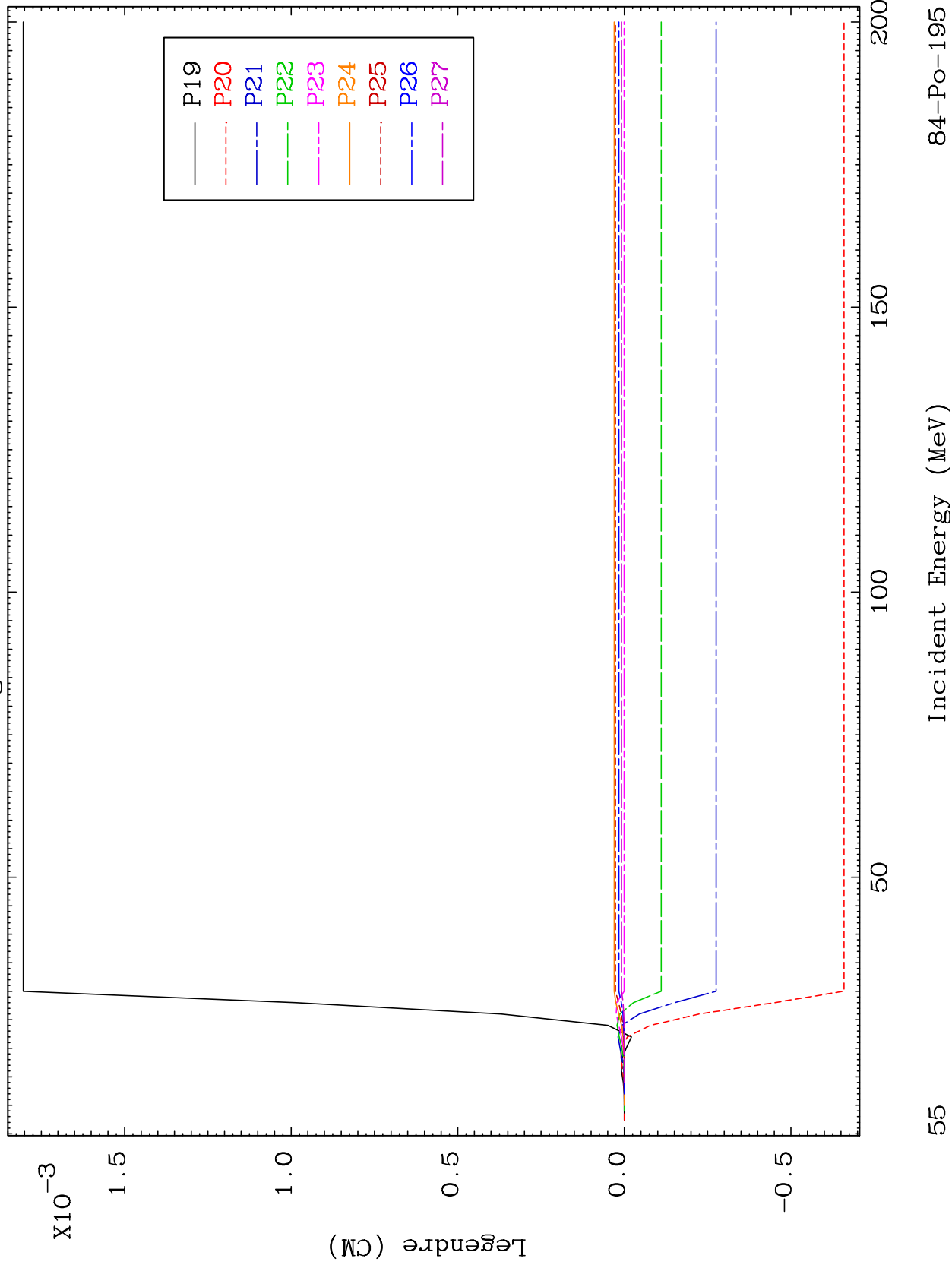
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



55

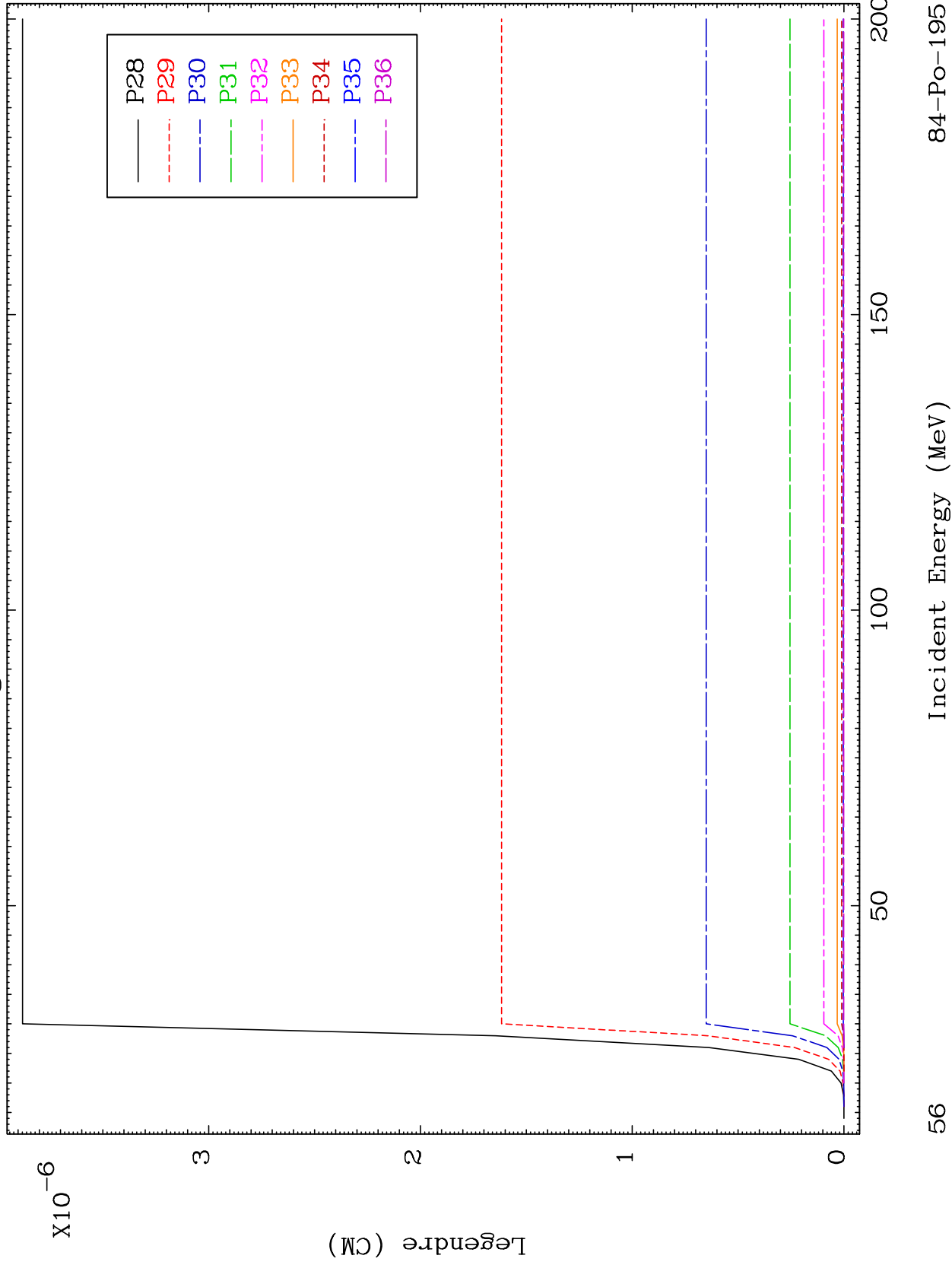
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



56

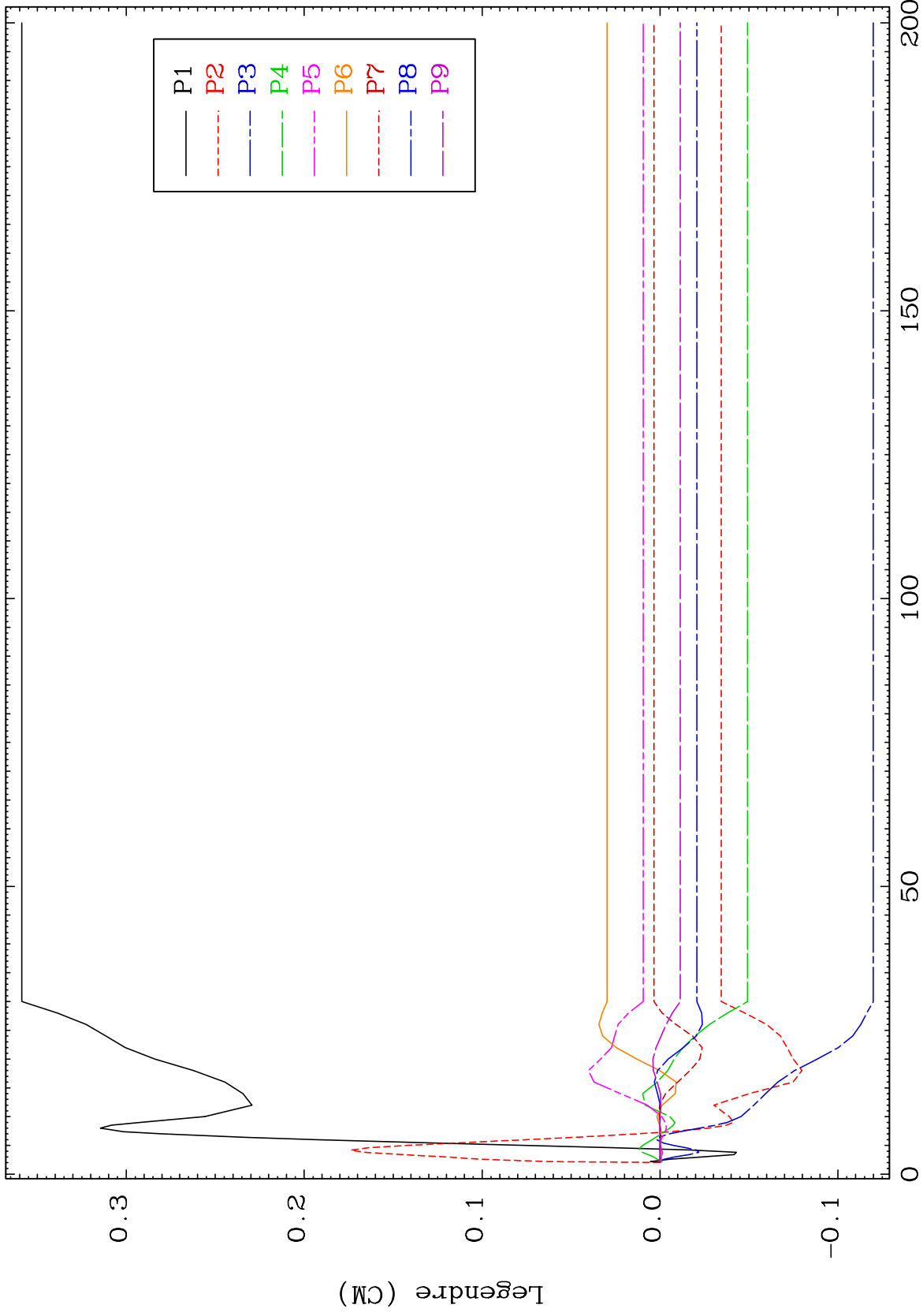
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



57

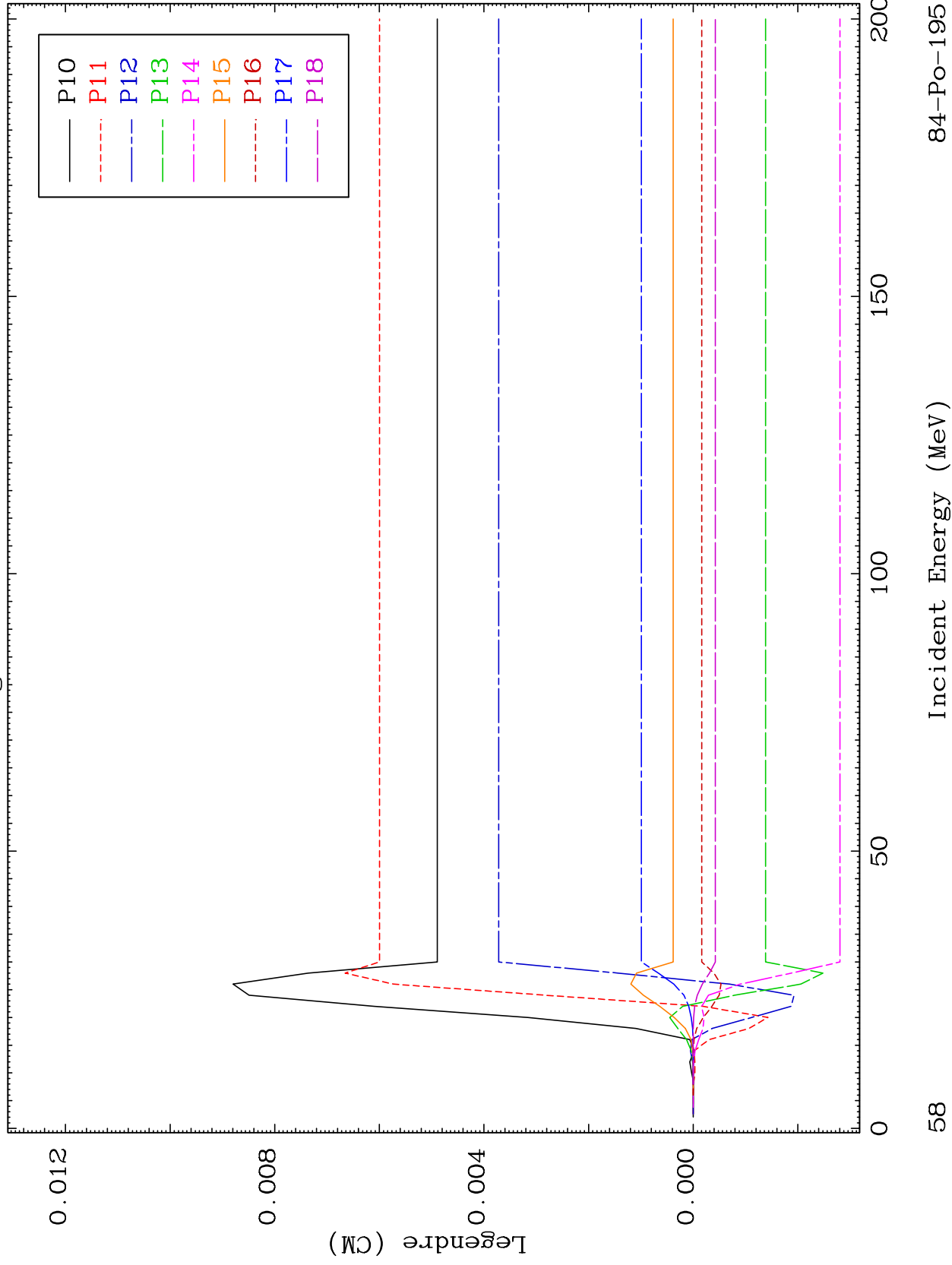
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



84-Po-195

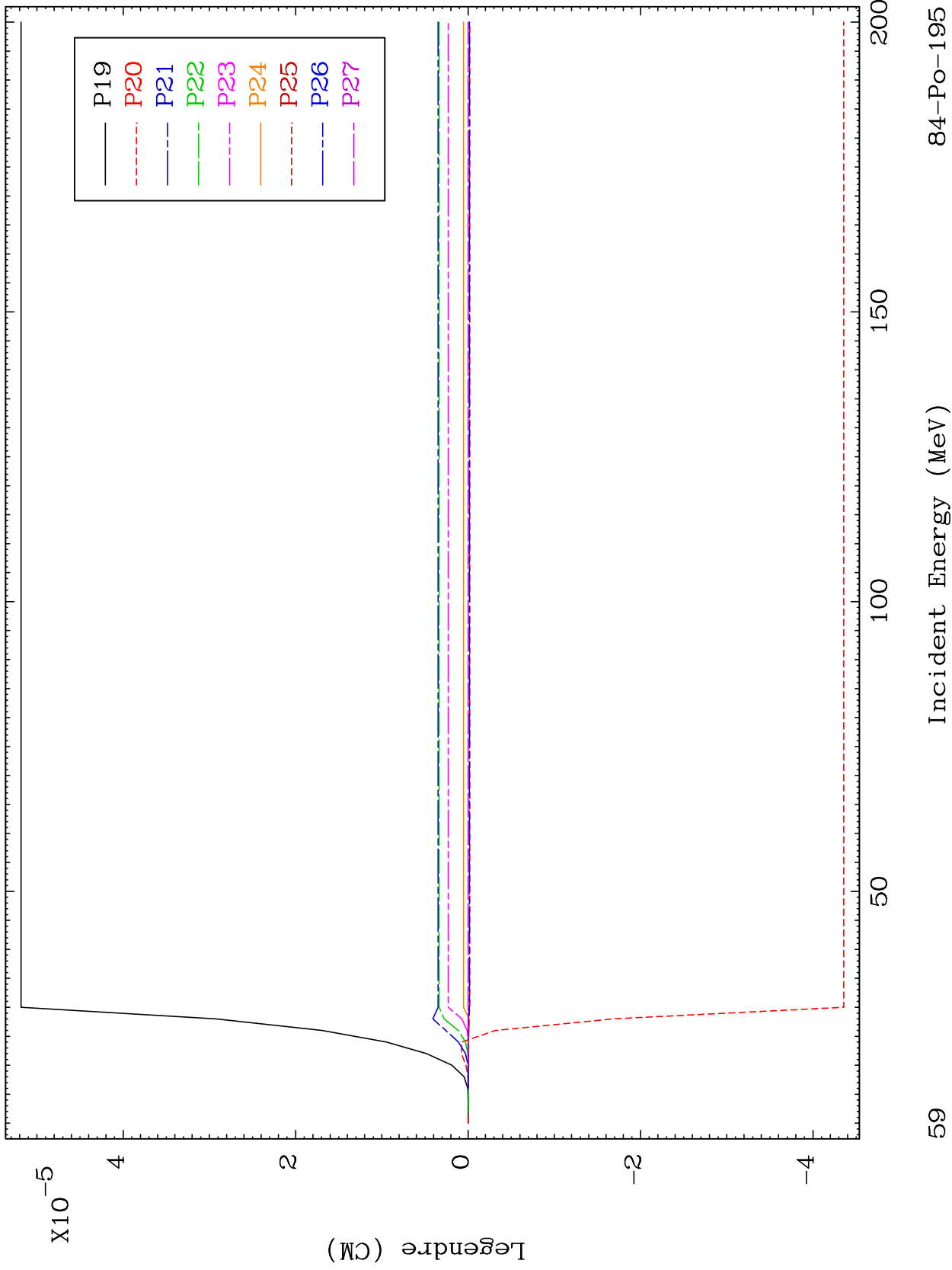
Incident Energy (MeV)

58

MAT 8392

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

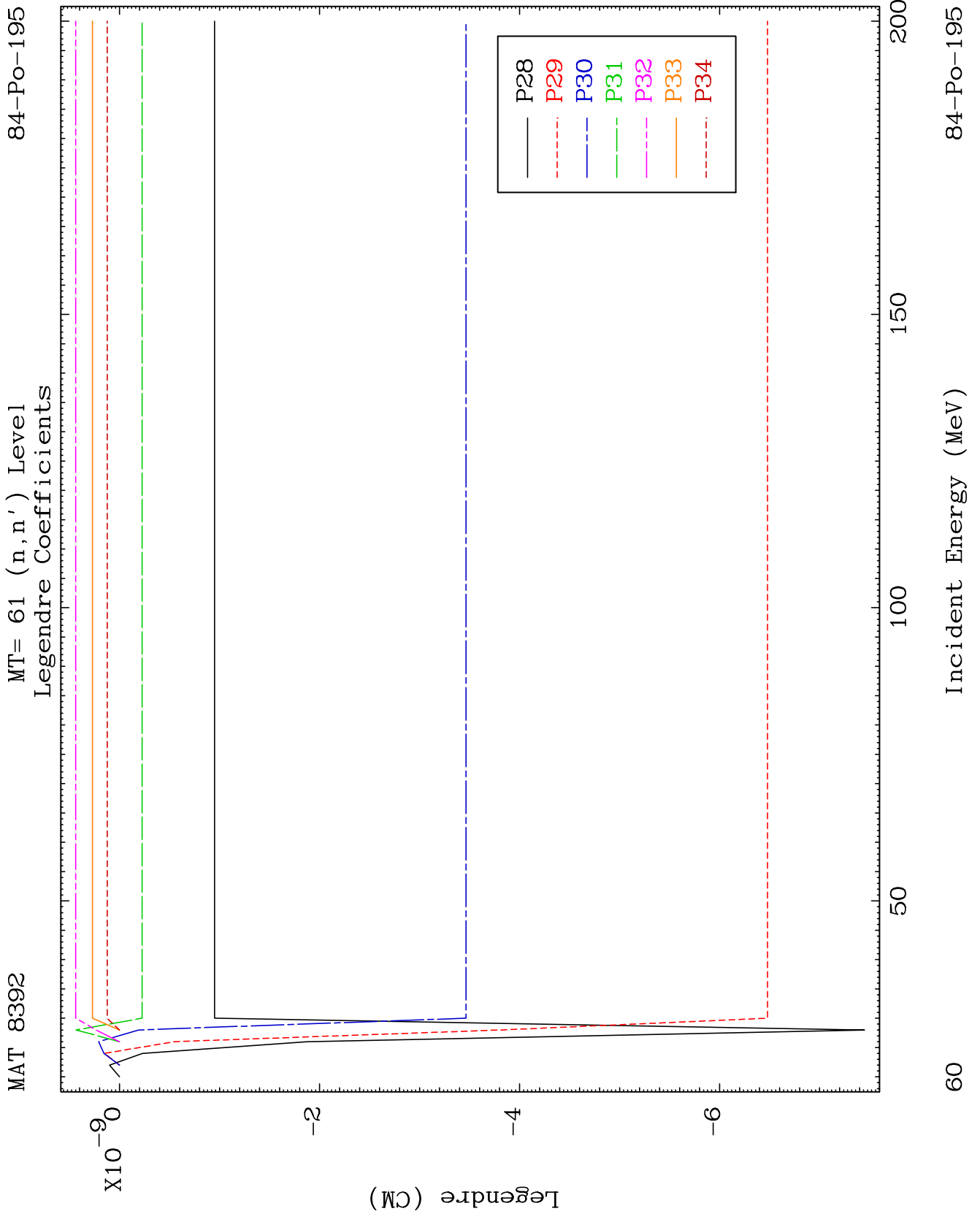
84-Po-195



59

Incident Energy (MeV)

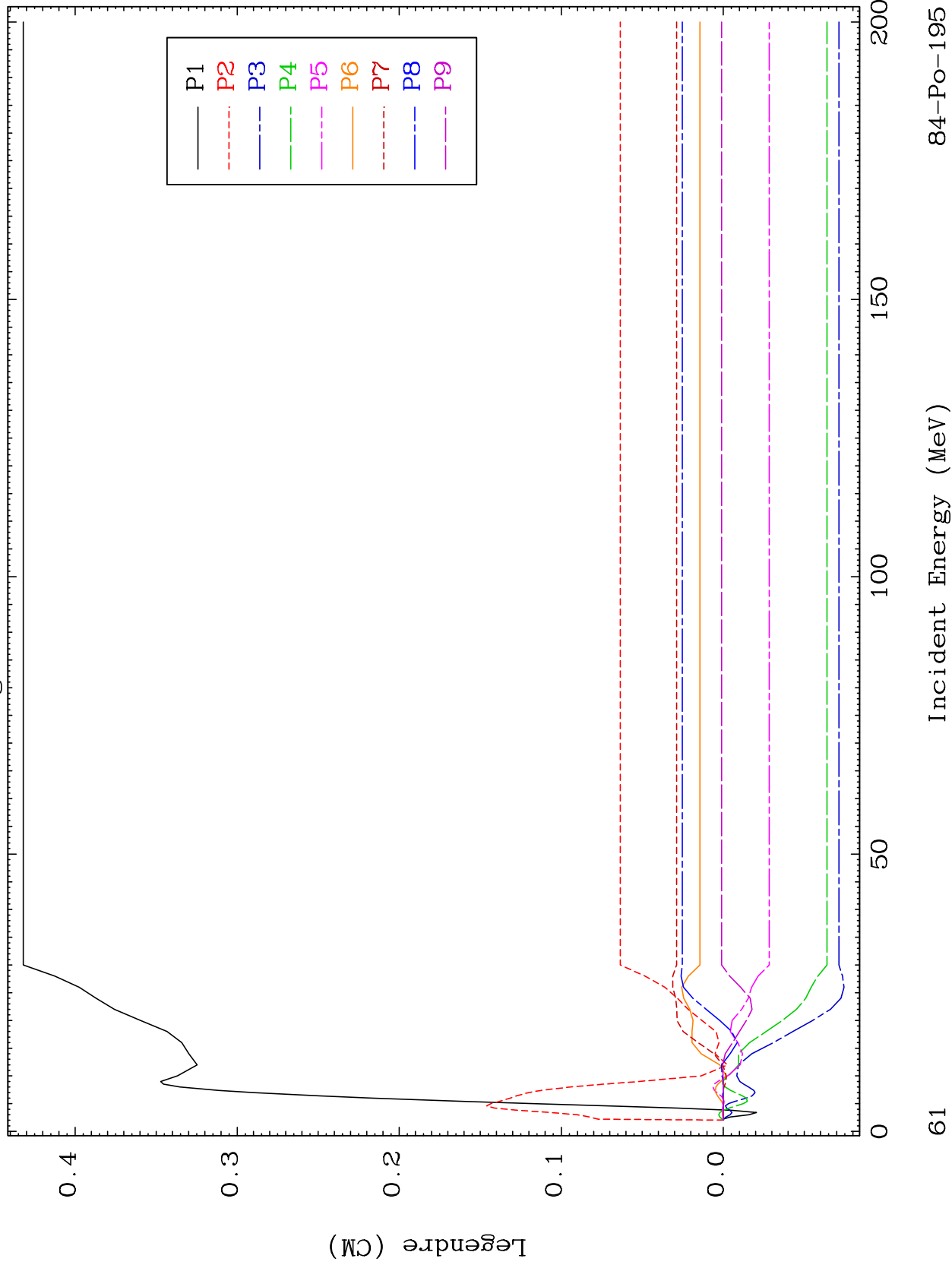
84-Po-195



MAT 8392

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

84-Po-195



84-Po-195

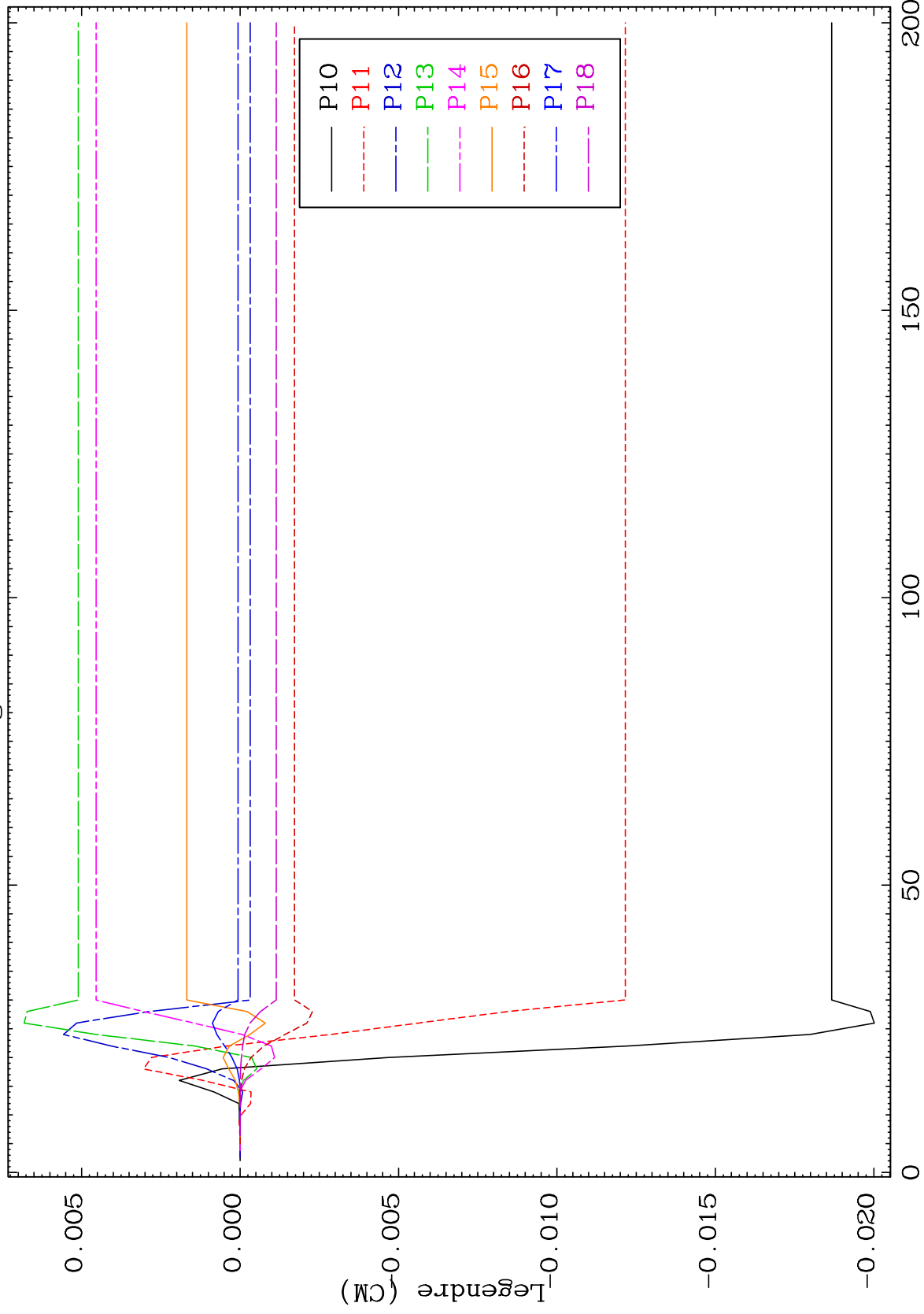
Incident Energy (MeV)

61

MAT 8392

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

84-Po-195



62

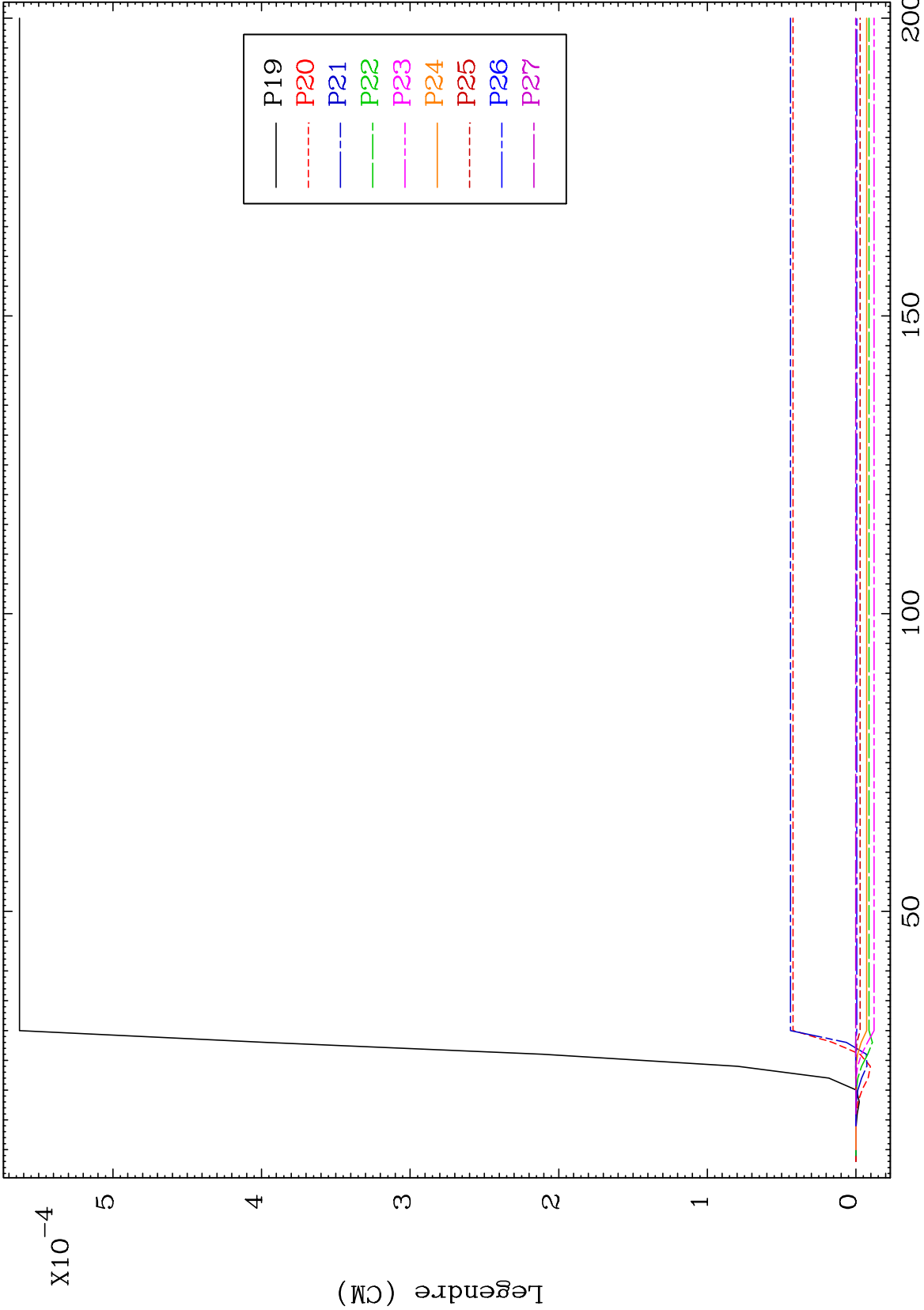
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



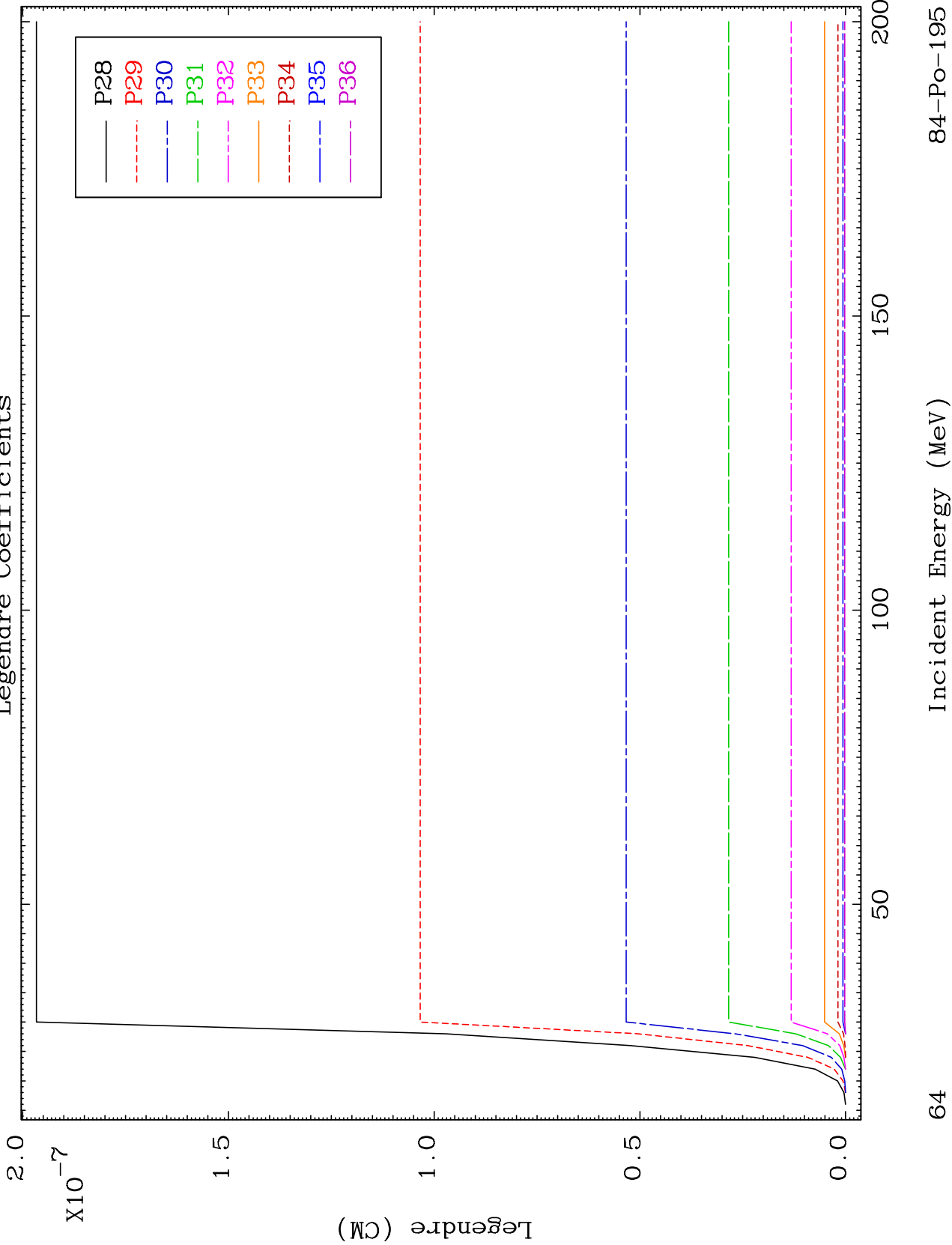
63

84-Po-195

MAT 8392

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

84-Po-195



64

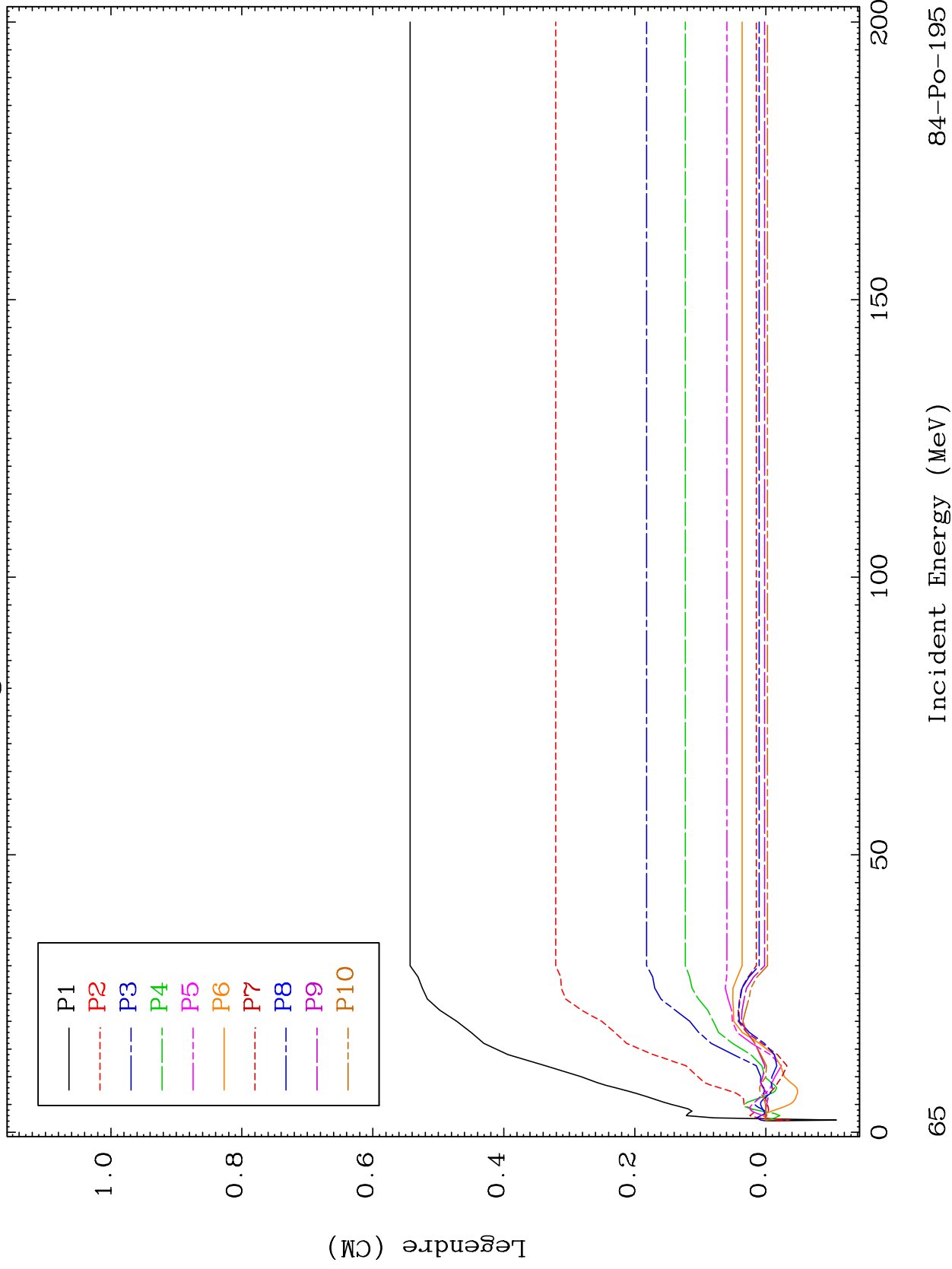
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



84-Po-195

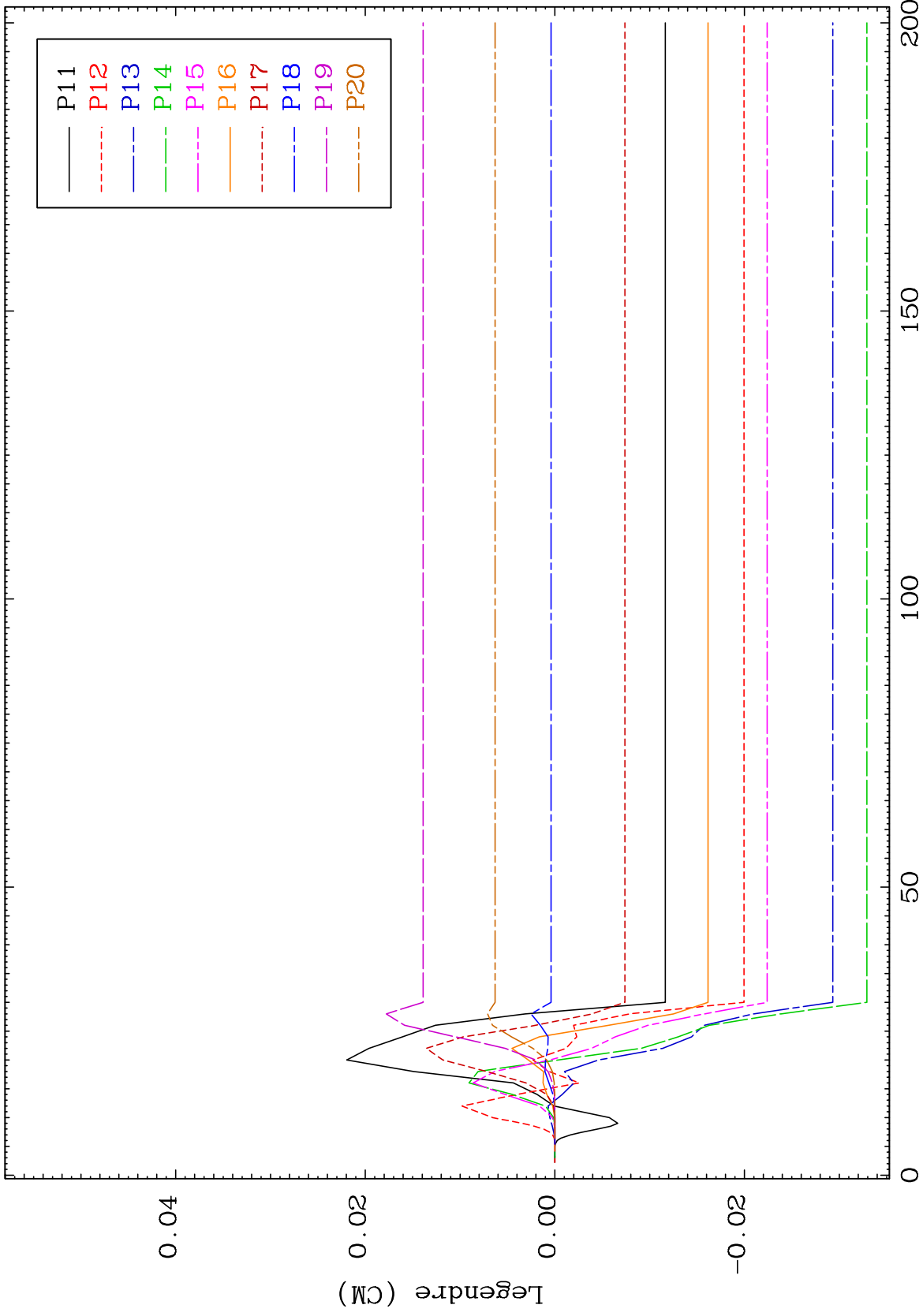
Incident Energy (MeV)

65

MAT 8392

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

84-Po-195



66

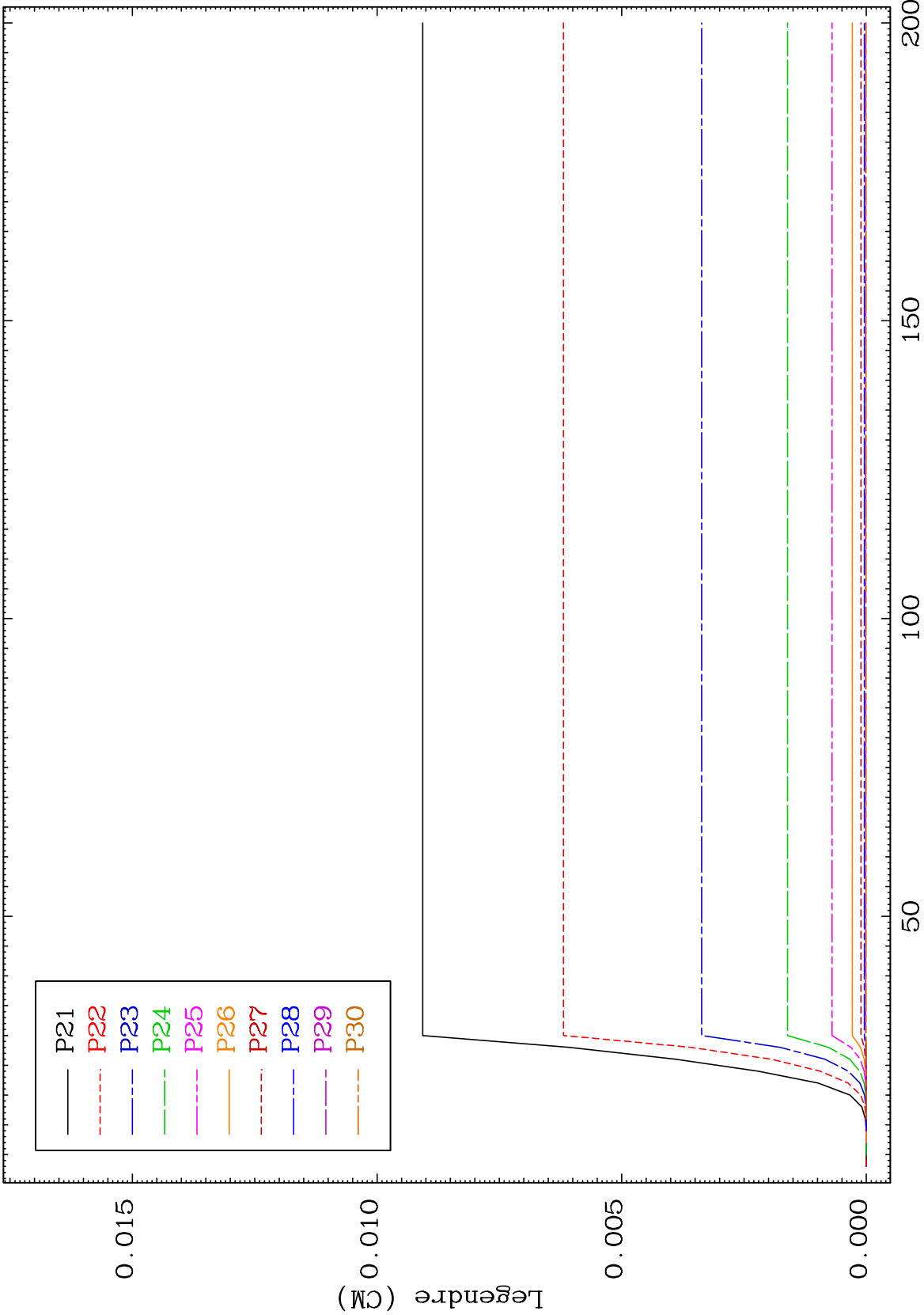
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



67

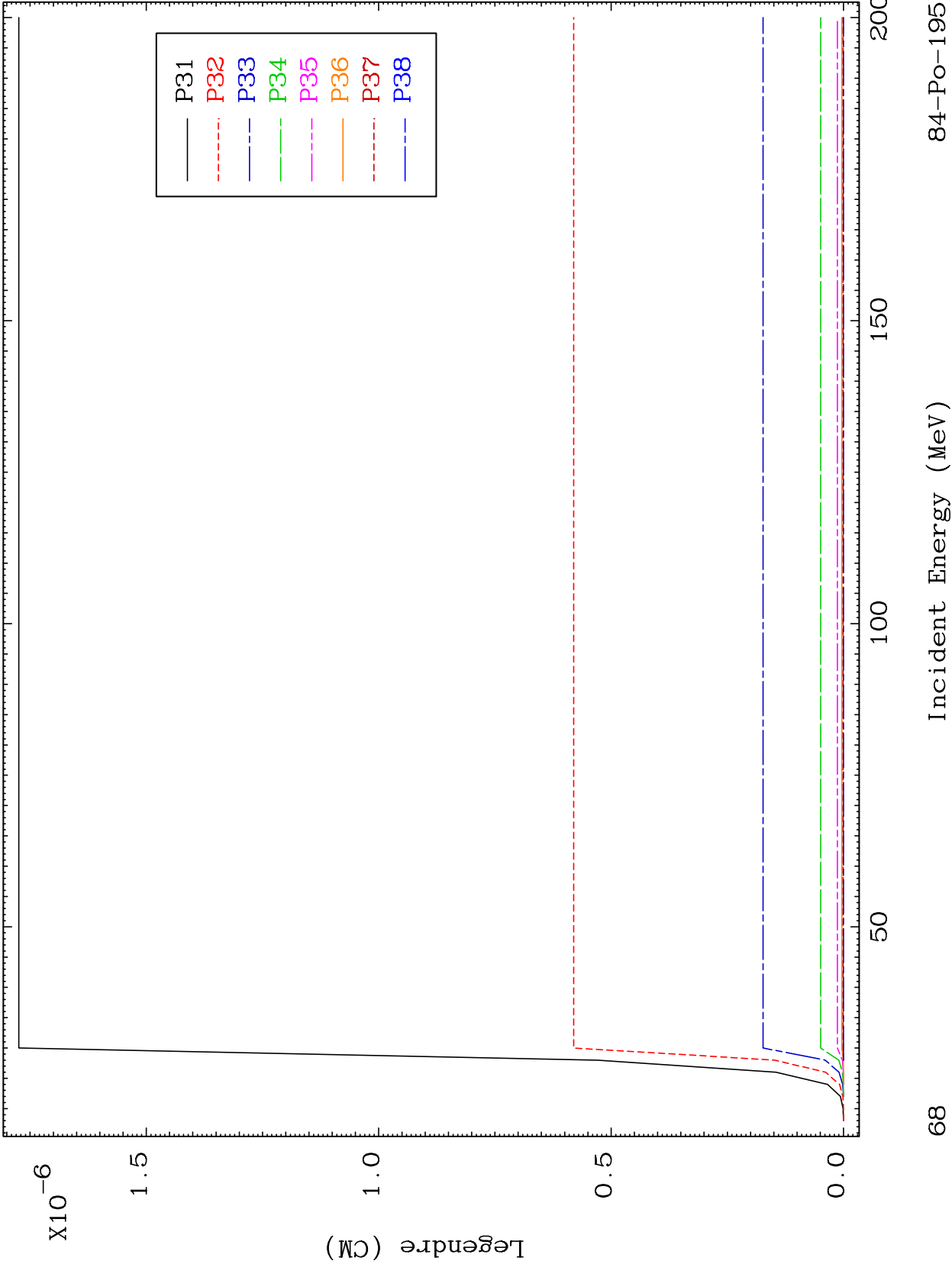
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



68

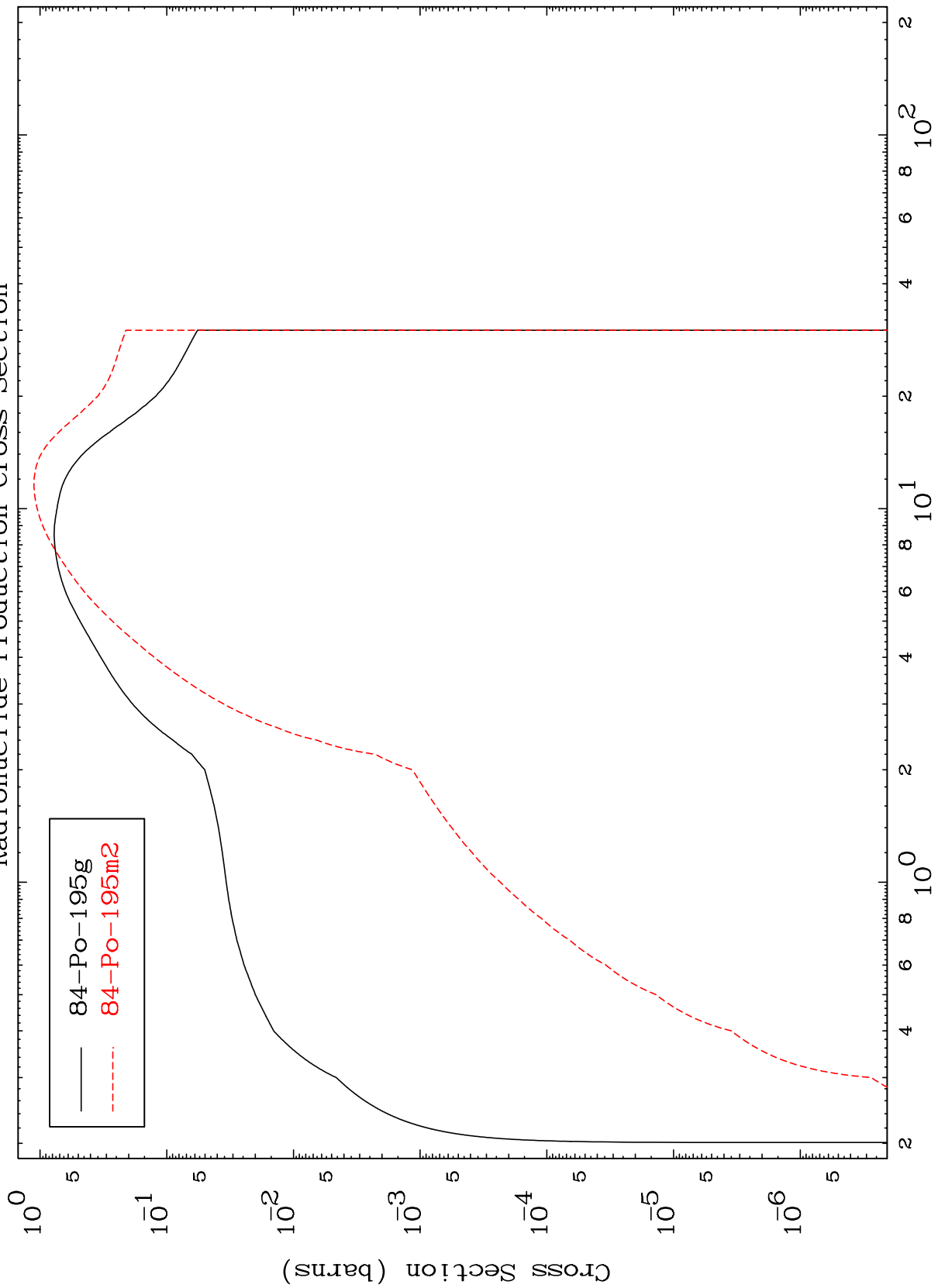
Incident Energy (MeV)

84-Po-195

MAT 8392

84-Po-195

Inelastic
Radionuclide Production Cross Section



84-Po-195g
84-Po-195m2

69

Incident Energy (MeV)

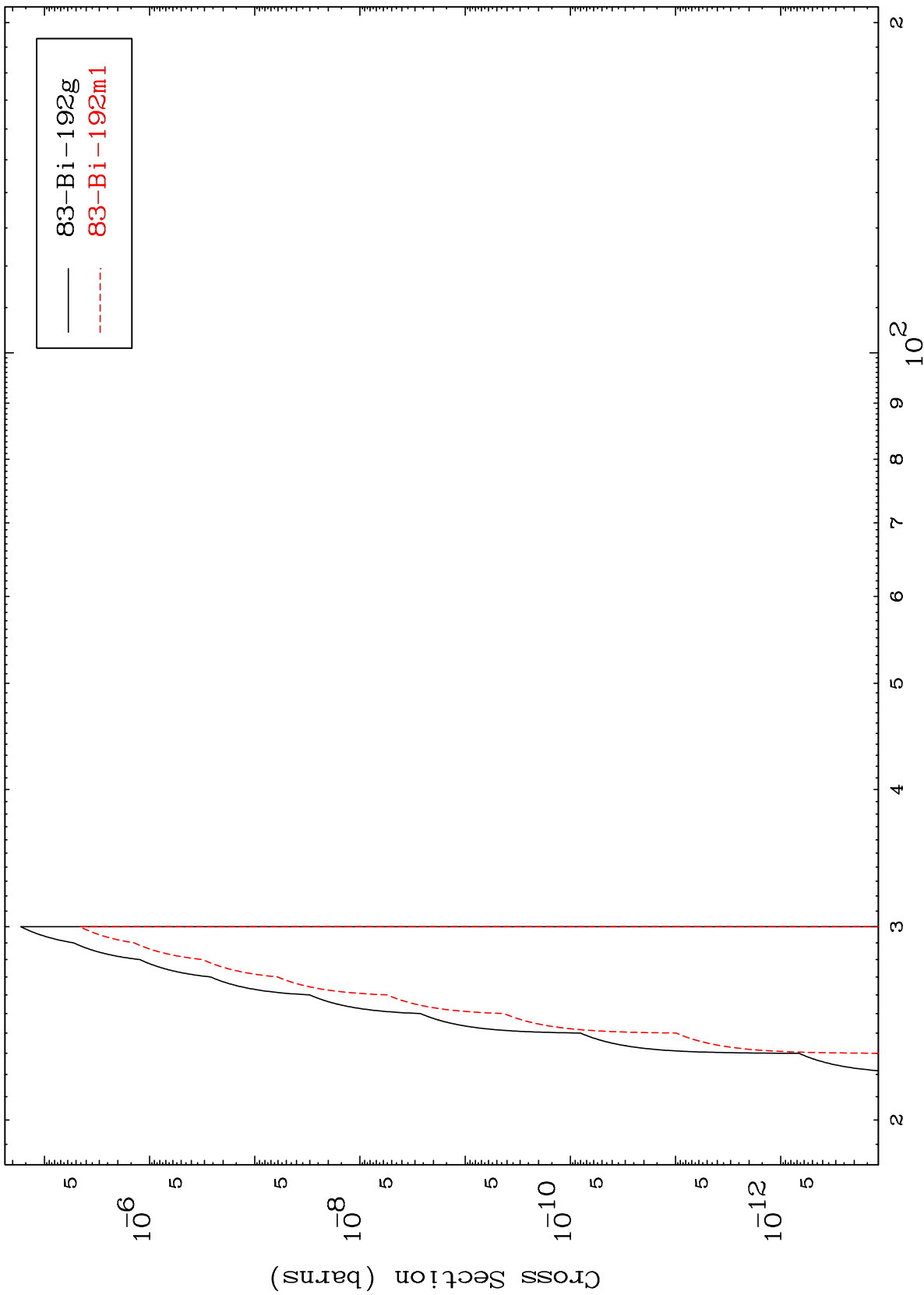
84-Po-195

MAT 8392

(n,2n) d

84-Po-195

Radionuclide Production Cross Section



70

Incident Energy (MeV)

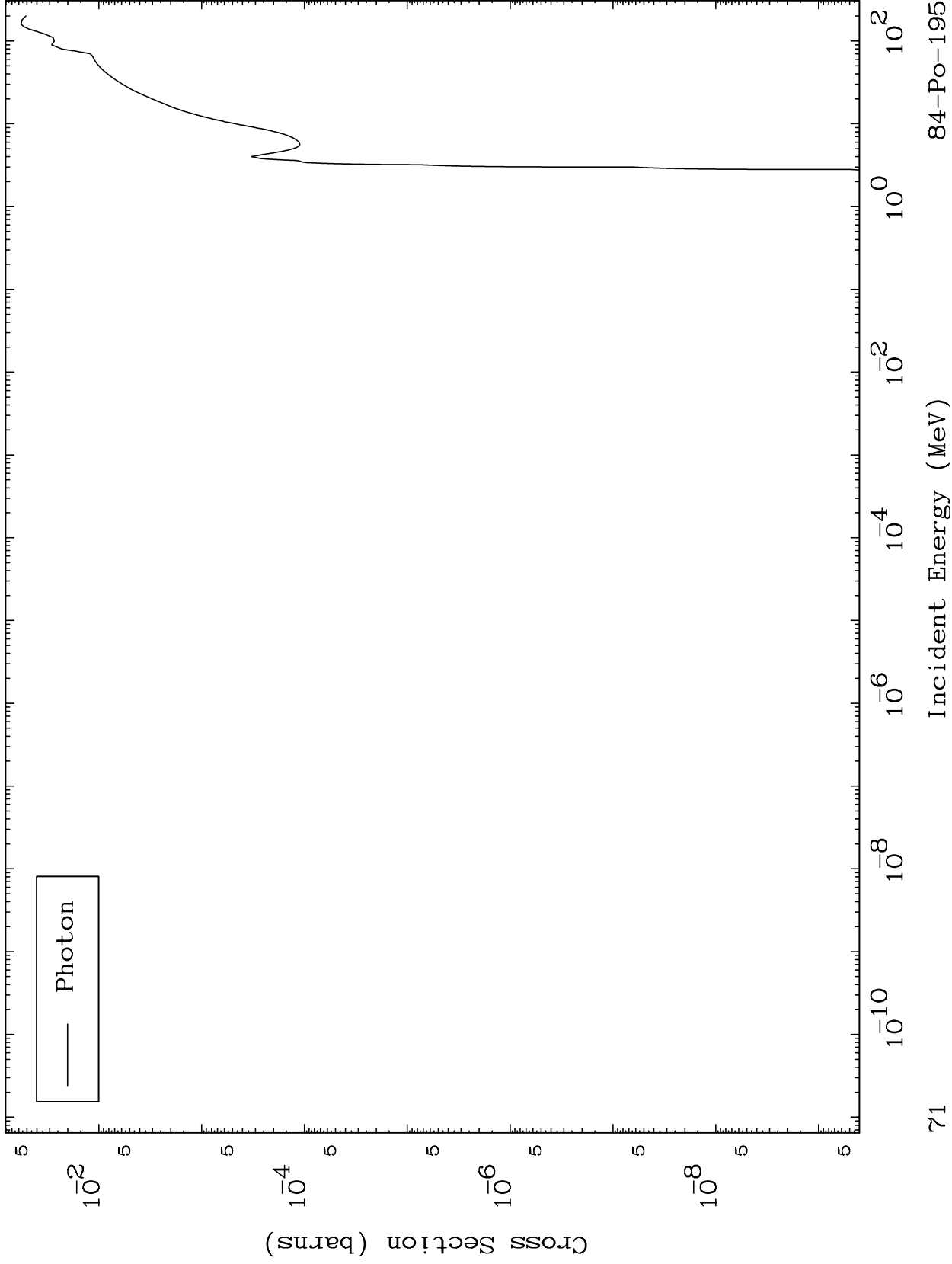
84-Po-195

MAT 8392

Fission

84-Po-195

Radionuclide Production Cross Section

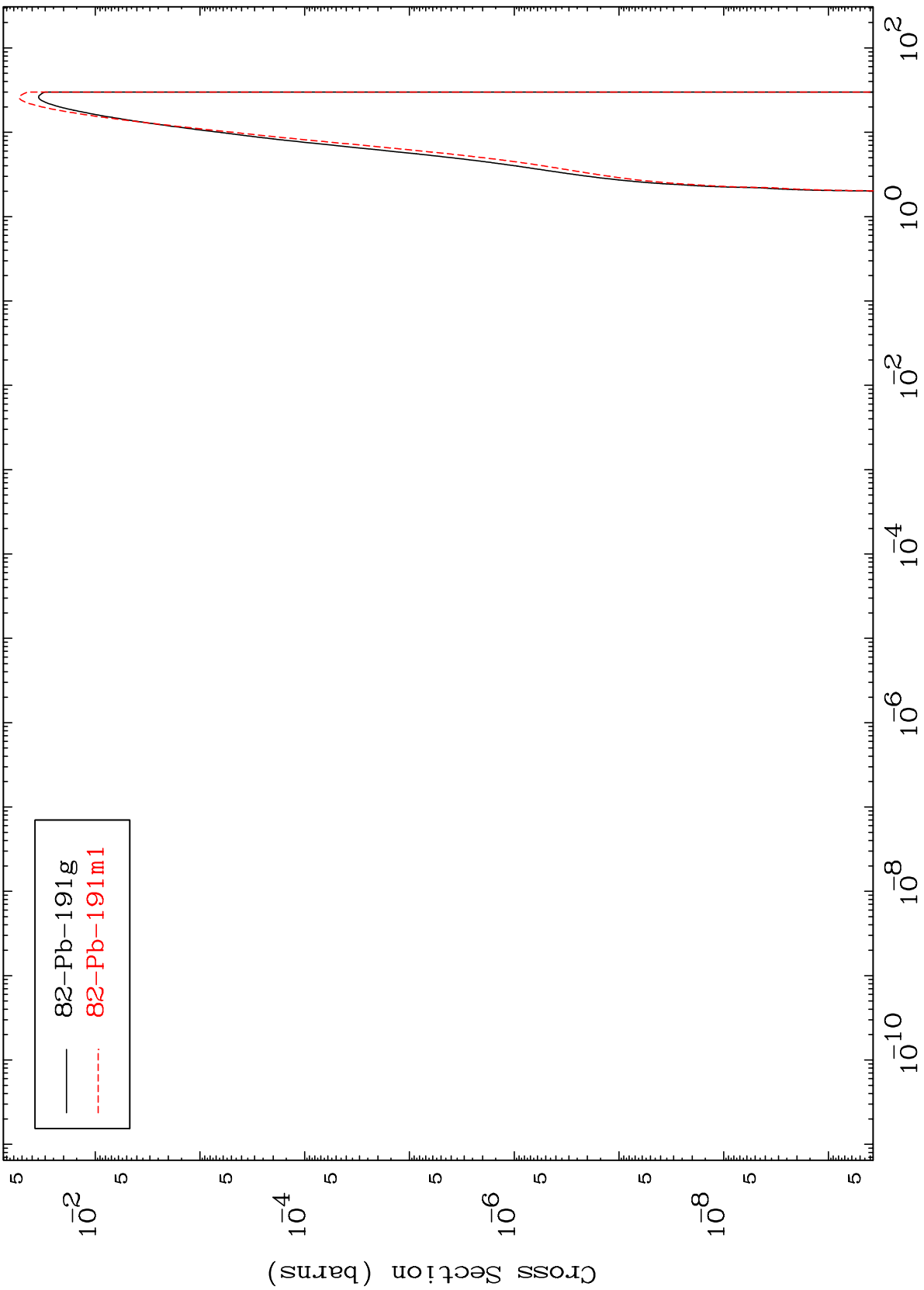


MAT 8392

(n, n') α

84-Po-195

Radionuclide Production Cross Section



72

Incident Energy (MeV)

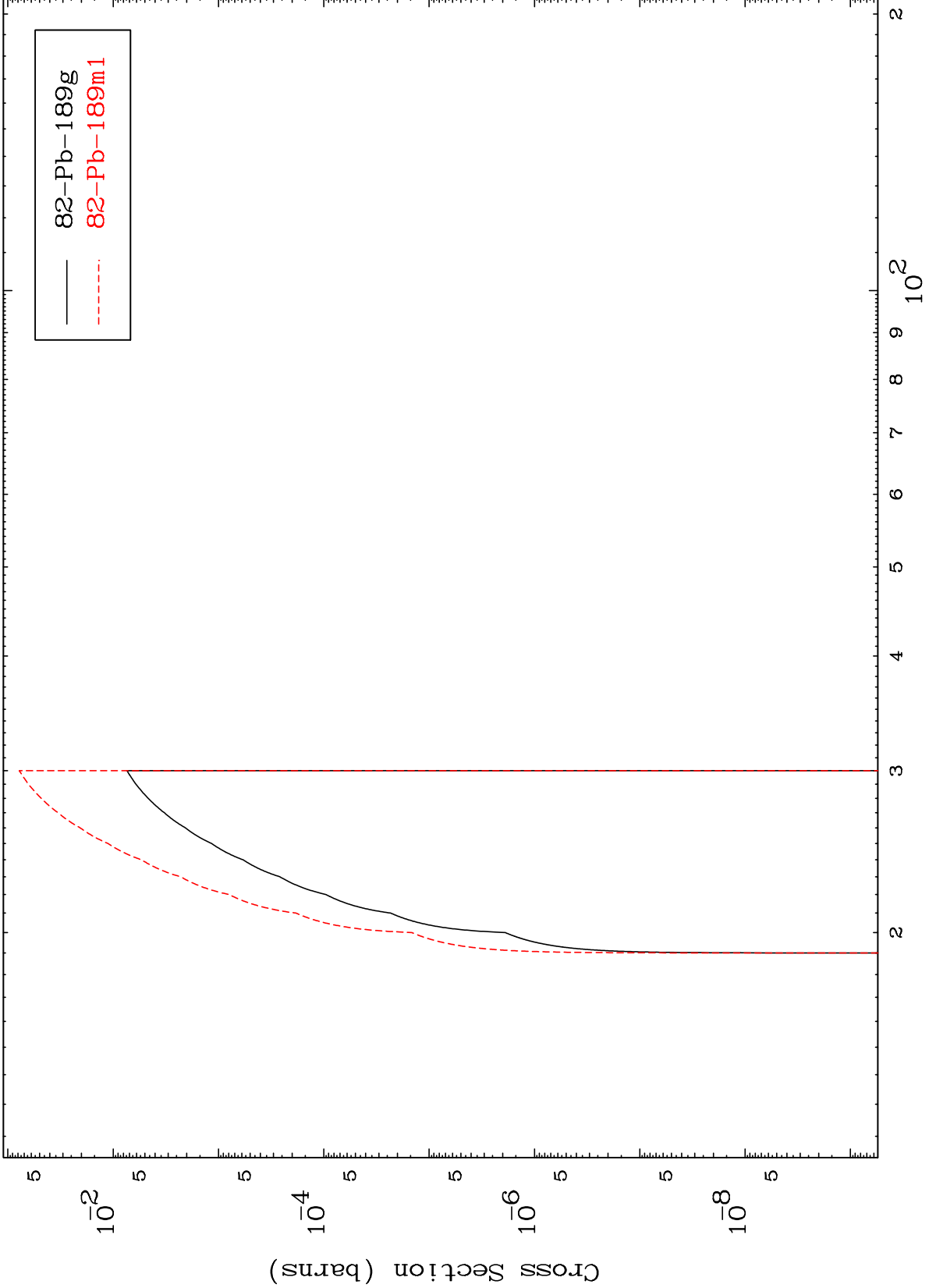
84-Po-195

MAT 8392

(n,3n) α

84-Po-195

Radionuclide Production Cross Section



82-Pb-189g
82-Pb-189m1

73

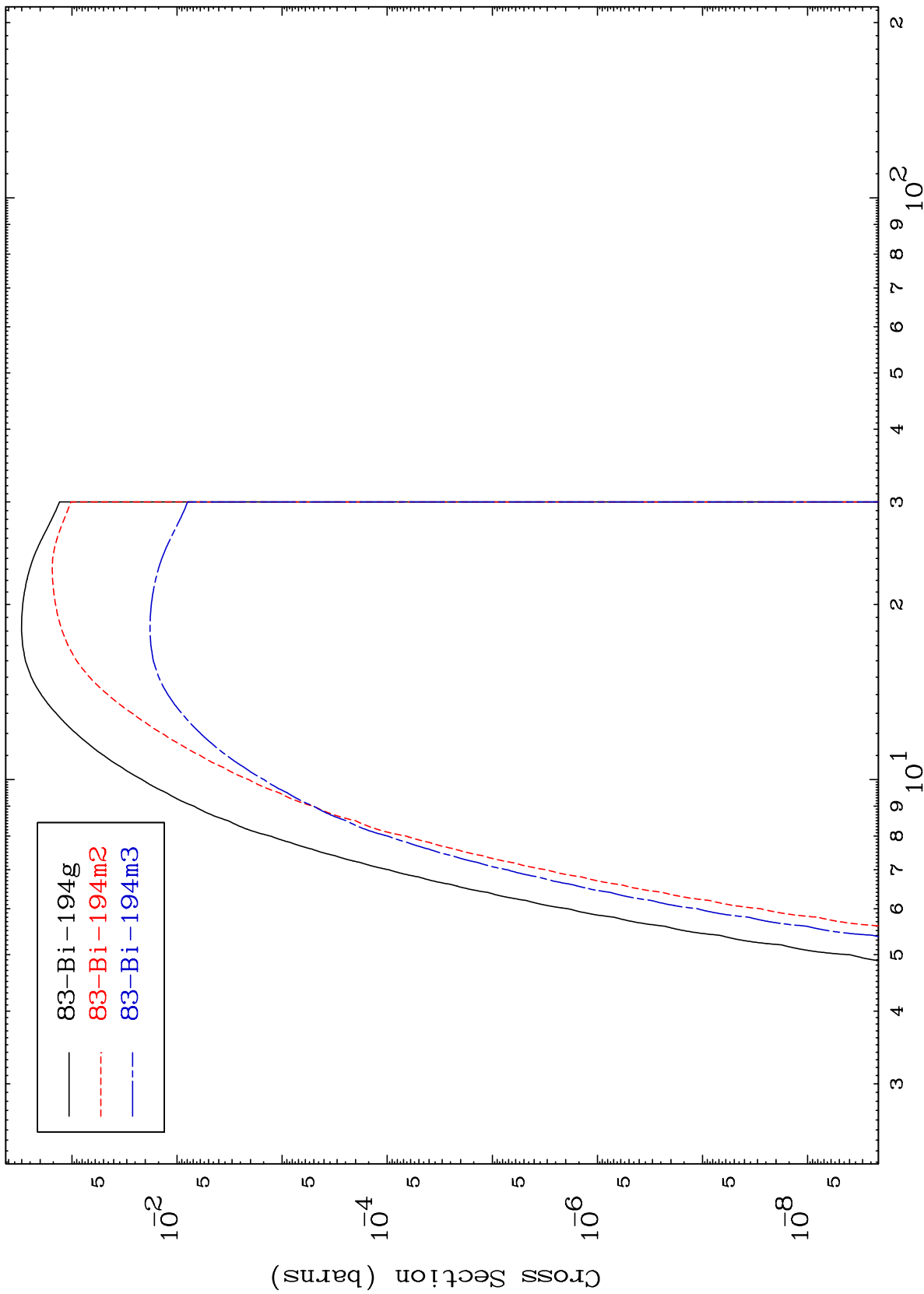
Incident Energy (MeV)

84-Po-195

MAT 8392

84-Po-195

(n,n') p
Radionuclide Production Cross Section



74

Incident Energy (MeV)

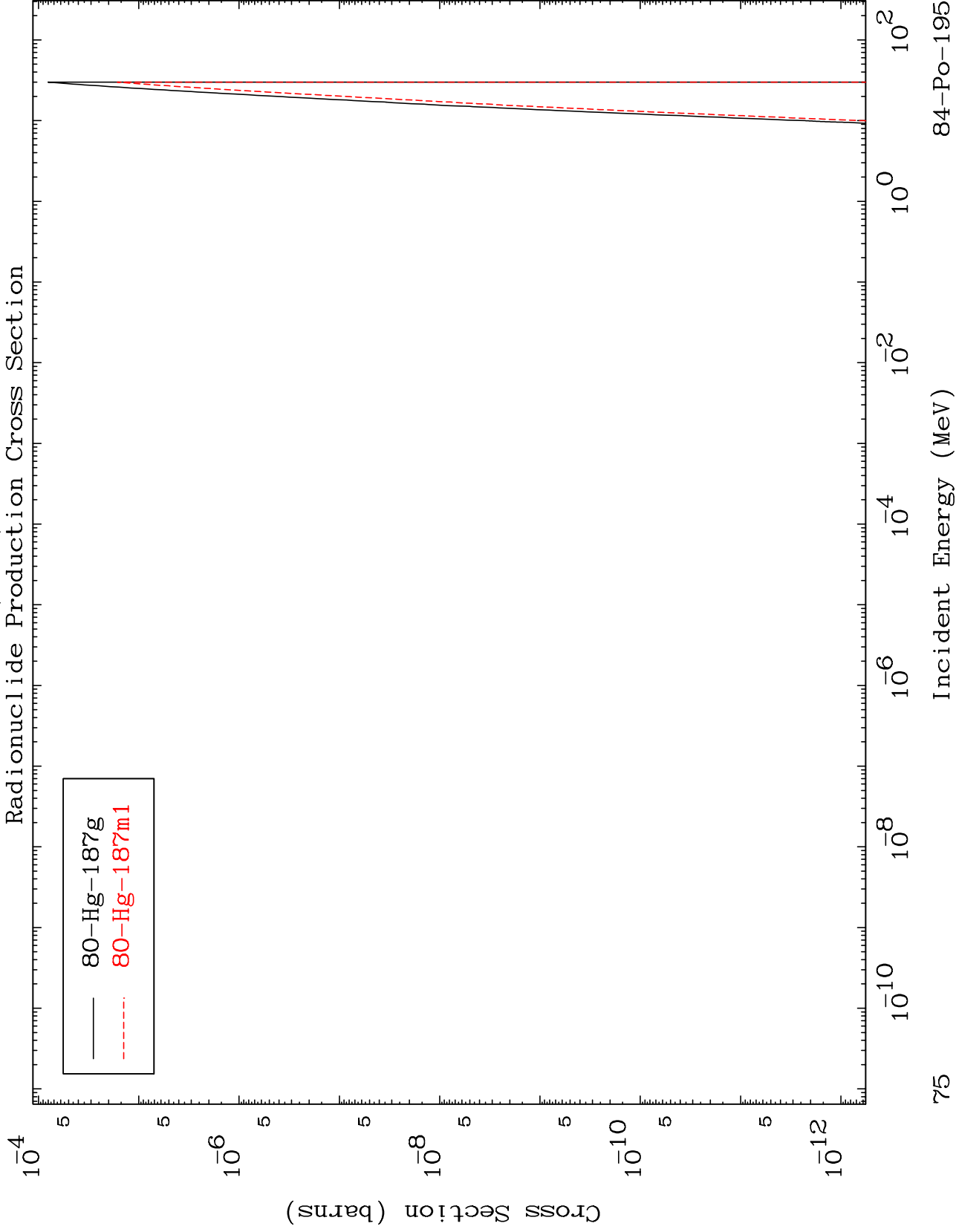
84-Po-195

MAT 8392

(n,n') 2α

84-Po-195

Radionuclide Production Cross Section



75

Incident Energy (MeV)

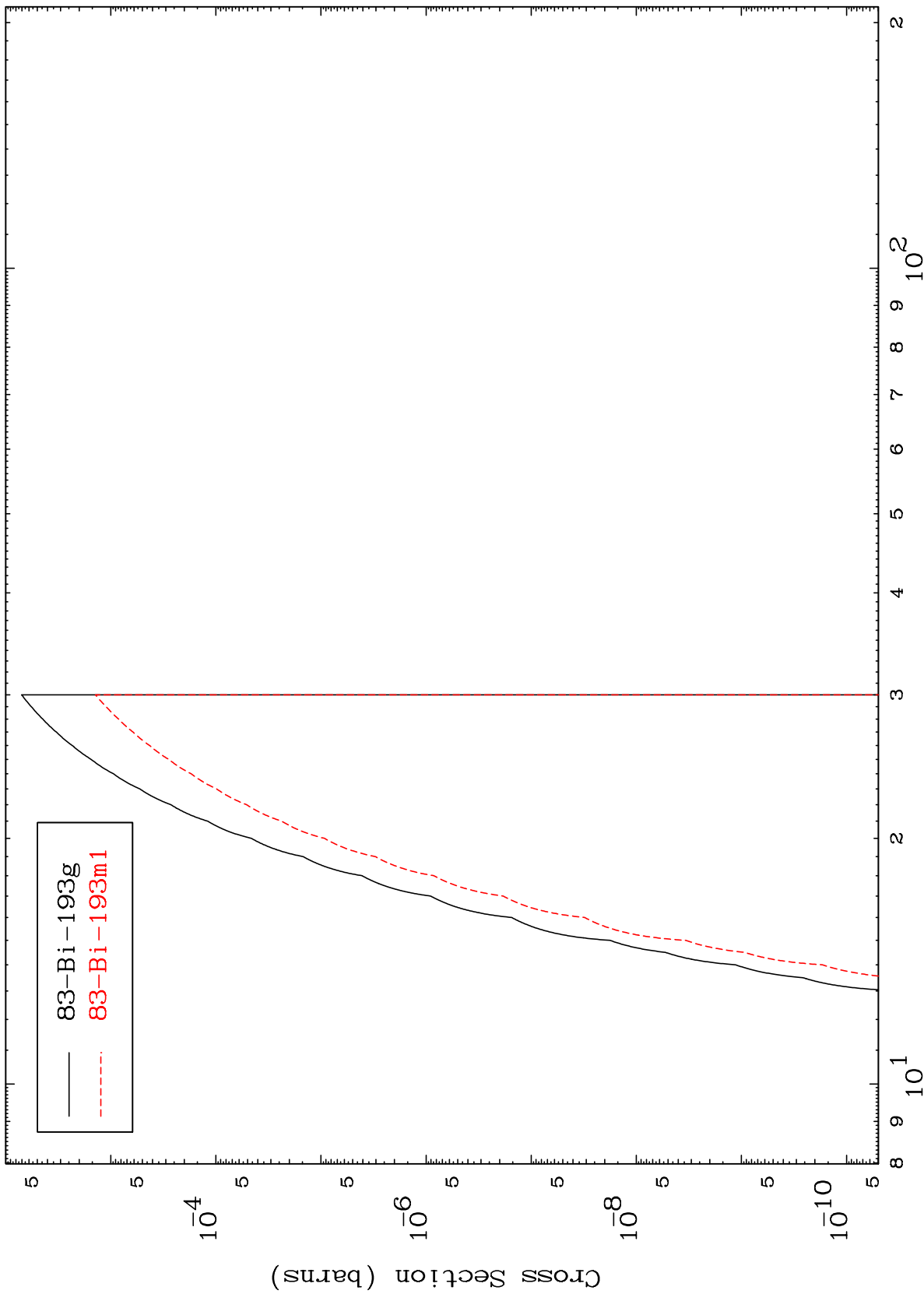
84-Po-195

MAT 8392

(n,n') d

84-Po-195

Radionuclide Production Cross Section



83-Bi-193g
83-Bi-193m1

76

Incident Energy (MeV)

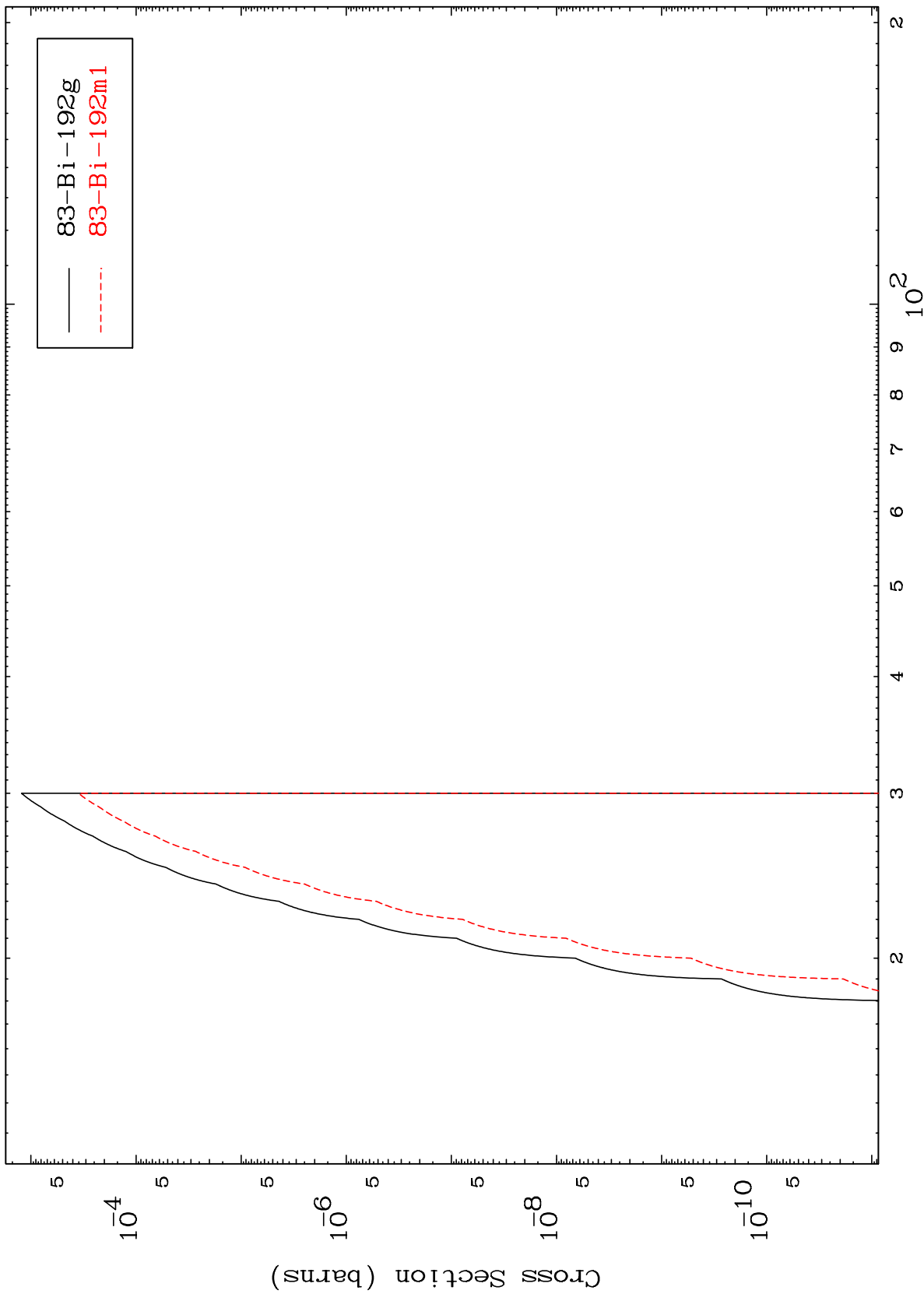
84-Po-195

MAT 8392

(n,n') t

84-Po-195

Radionuclide Production Cross Section



77

Incident Energy (MeV)

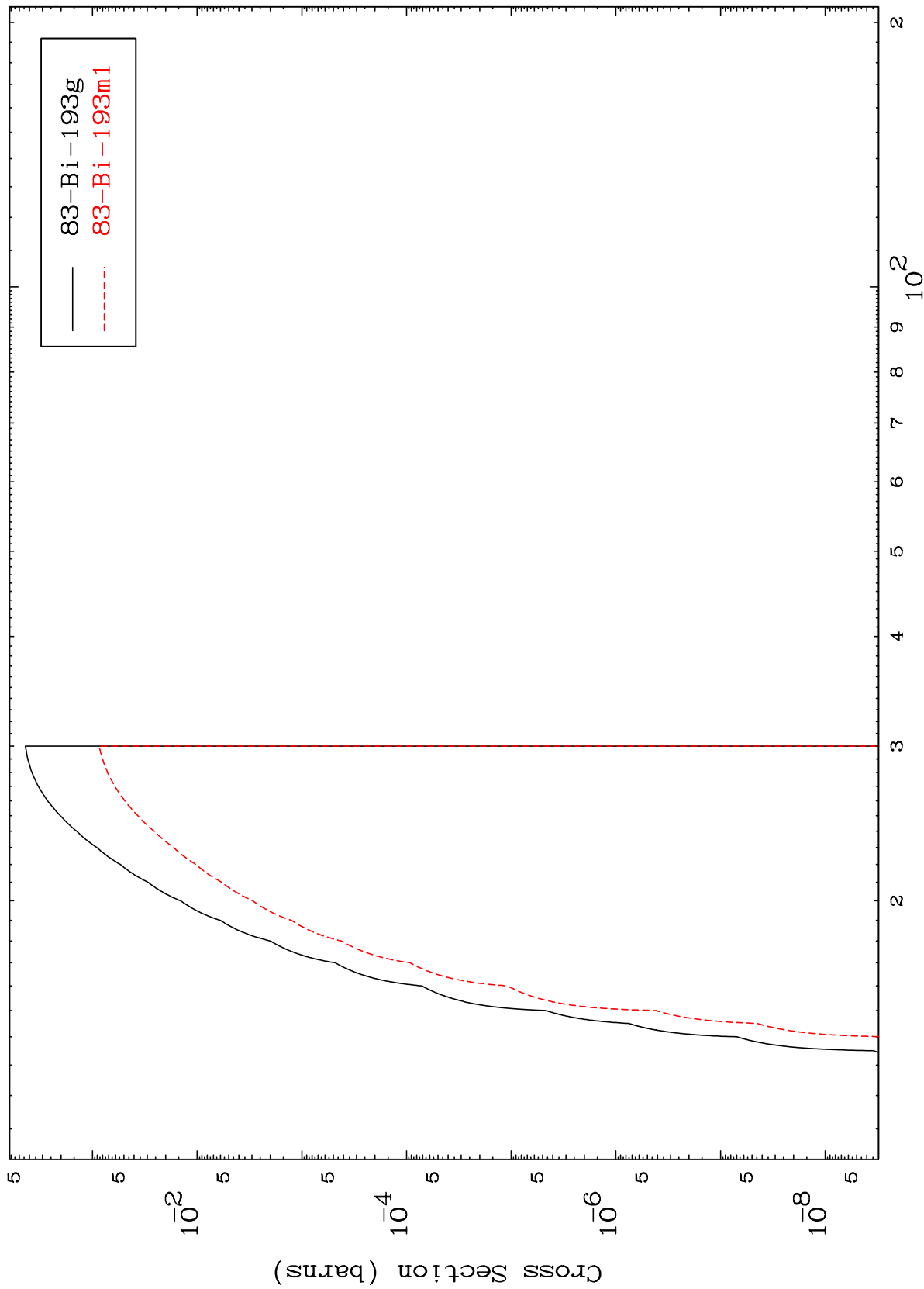
84-Po-195

MAT 8392

(n,2n) p

84-Po-195

Radionuclide Production Cross Section



78

Incident Energy (MeV)

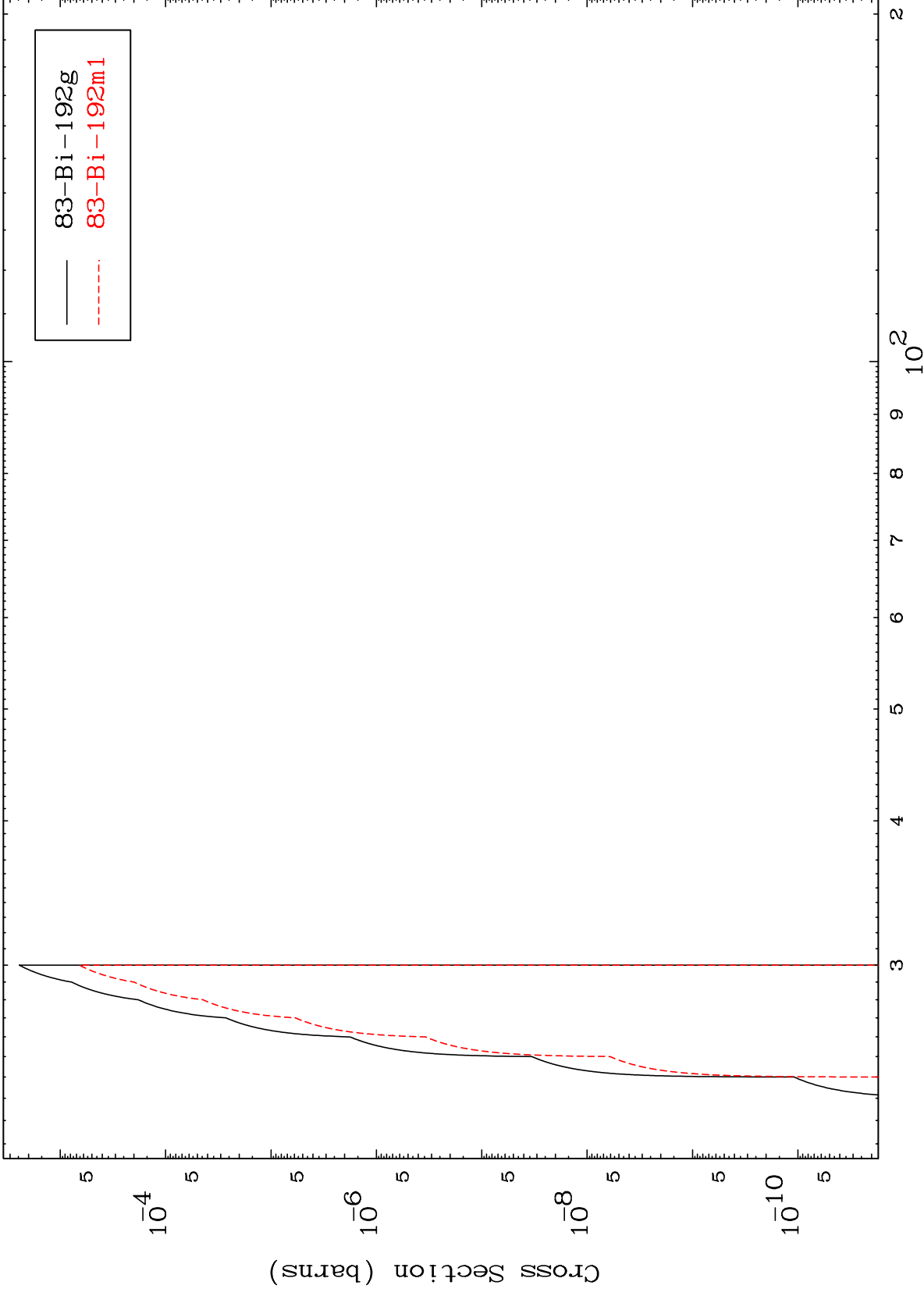
84-Po-195

MAT 8392

(n,3n) p

84-Po-195

Radionuclide Production Cross Section



79

Incident Energy (MeV)

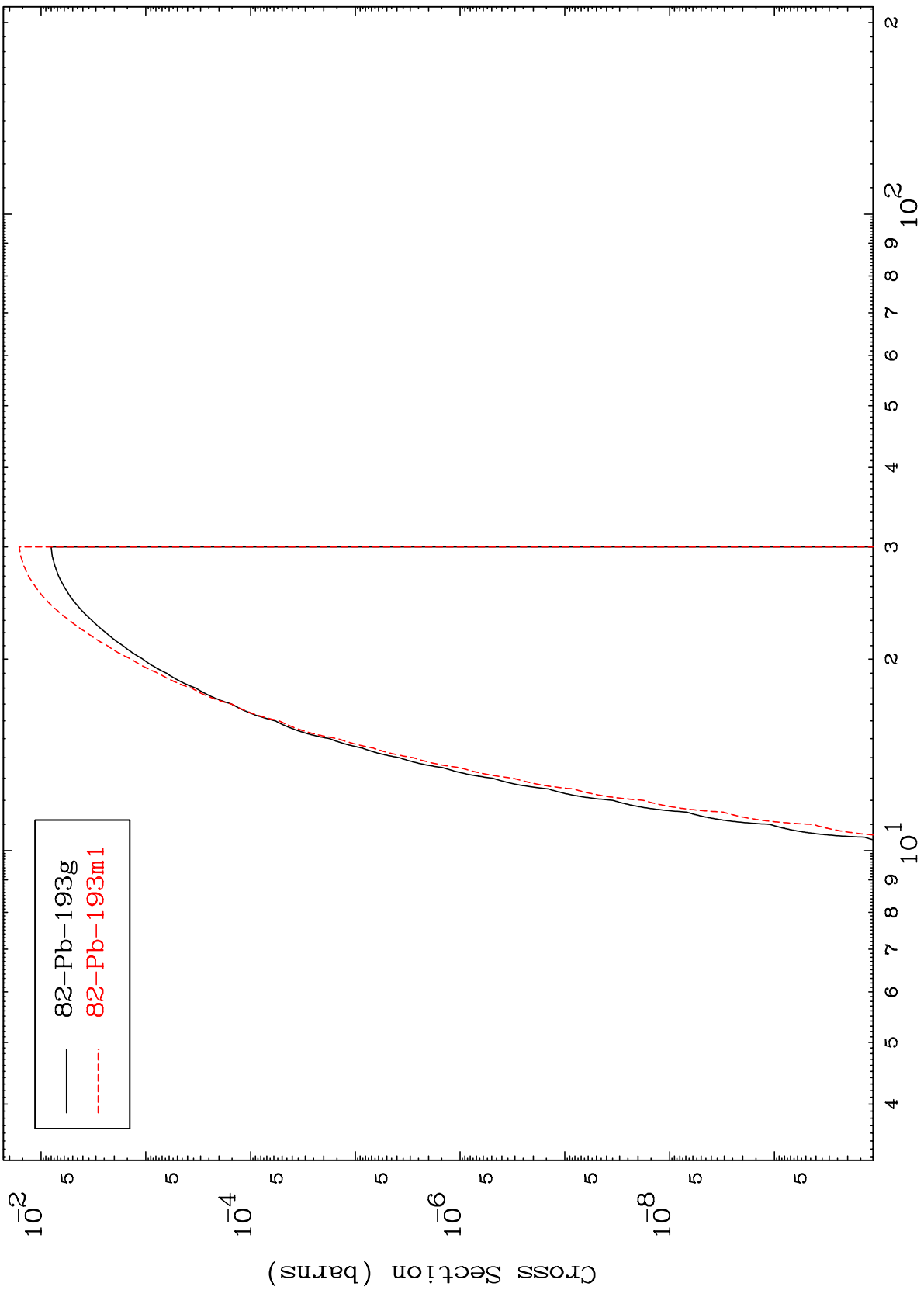
84-Po-195

MAT 8392

(n,2n) p

84-Po-195

Radionuclide Production Cross Section



80

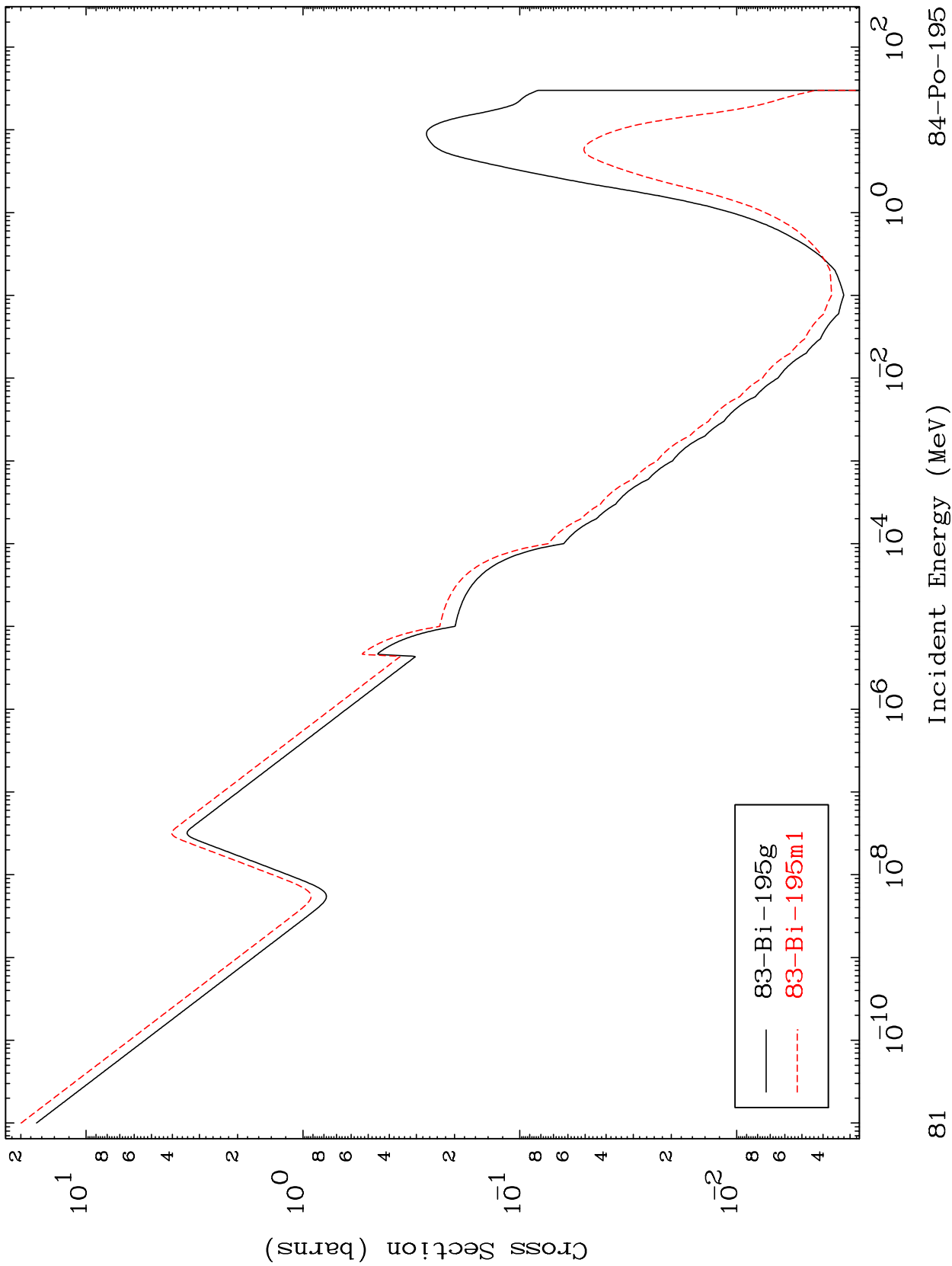
Incident Energy (MeV)

84-Po-195

MAT 8392

84-Po-195

(n,p)
Radionuclide Production Cross Section



81

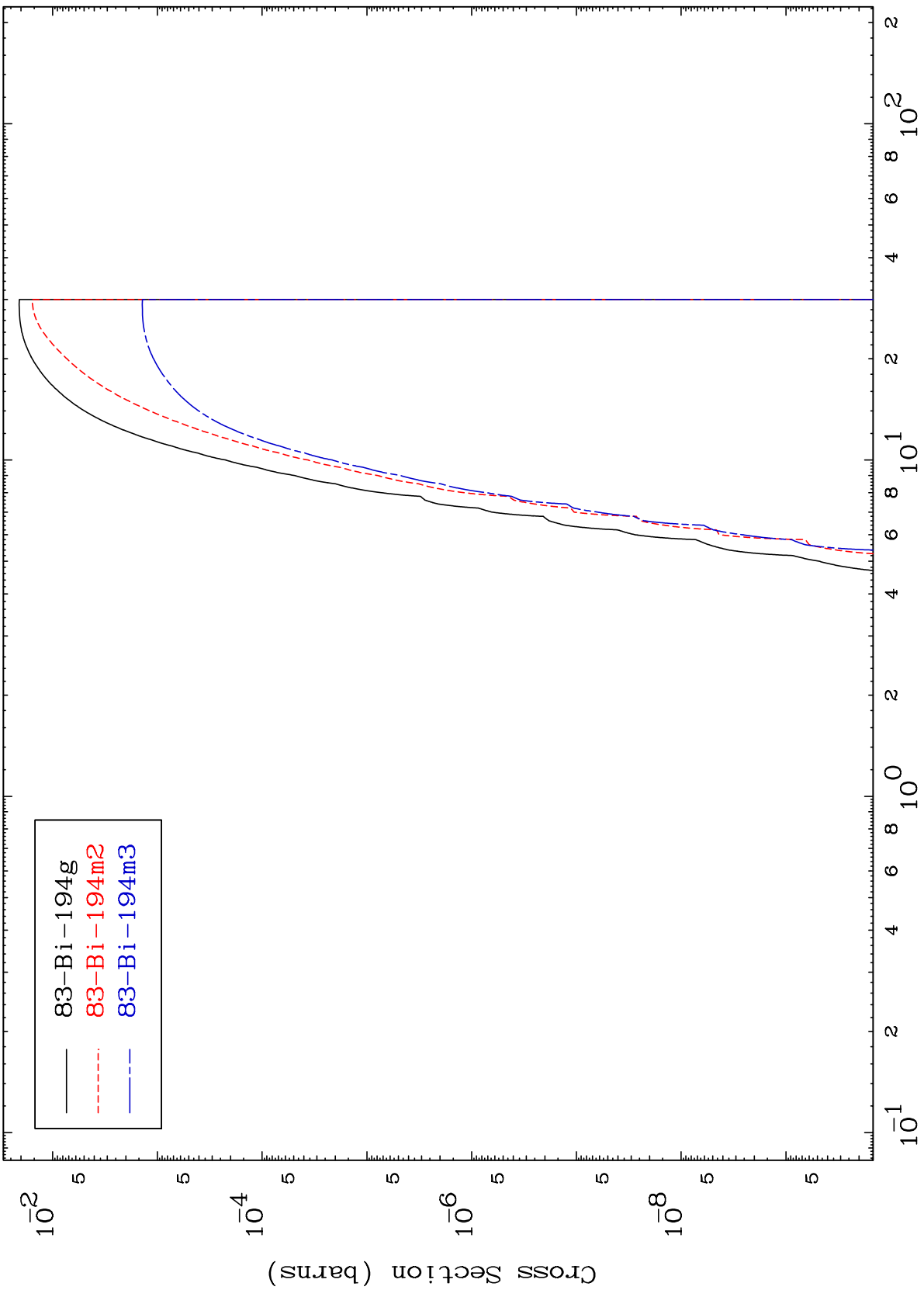
84-Po-195

MAT 8392

(n,d)

84-Po-195

Radionuclide Production Cross Section



82

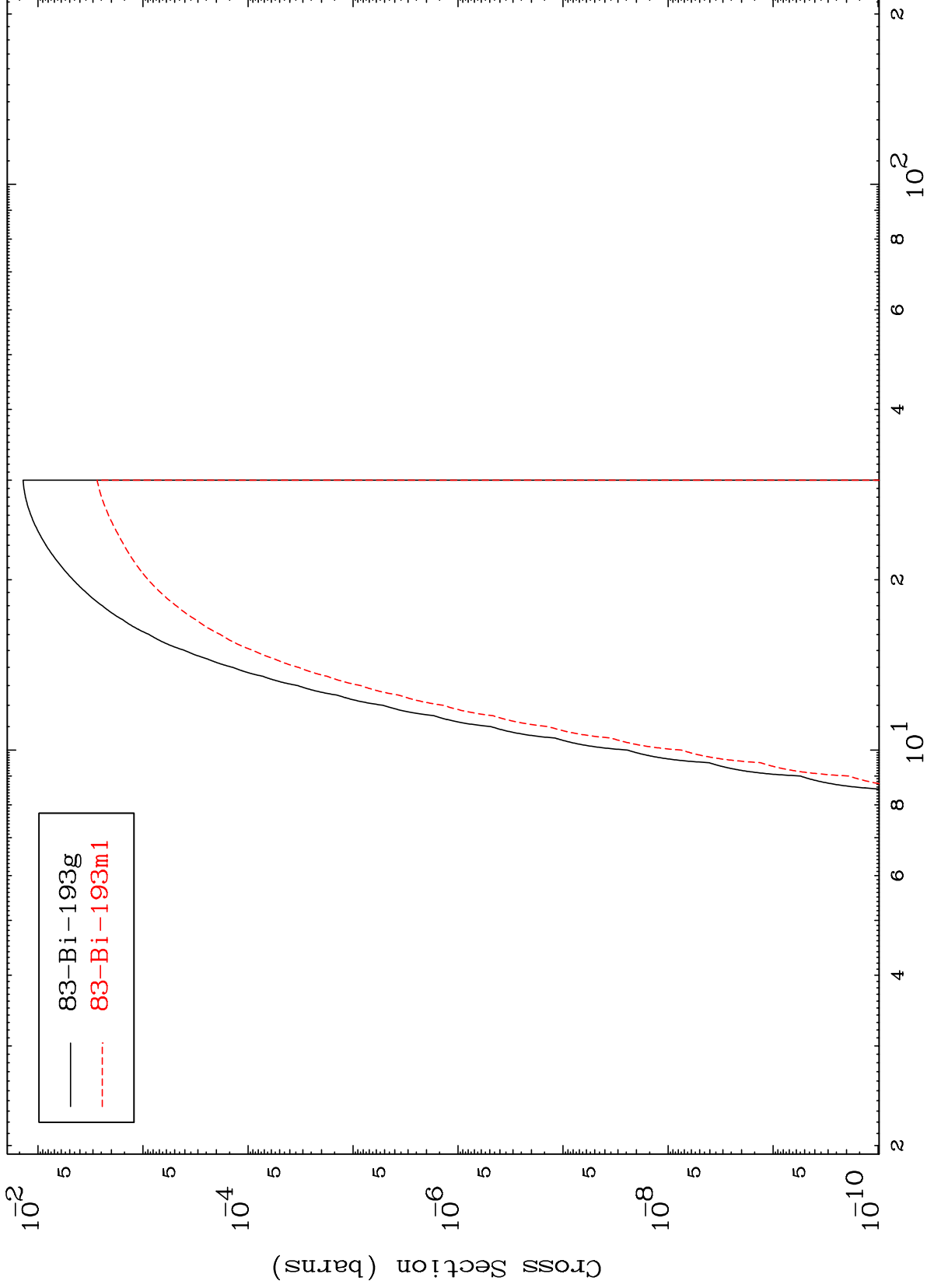
Incident Energy (MeV)

84-Po-195

MAT 8392

84-Po-195

(n, t)
Radionuclide Production Cross Section



83

84-Po-195

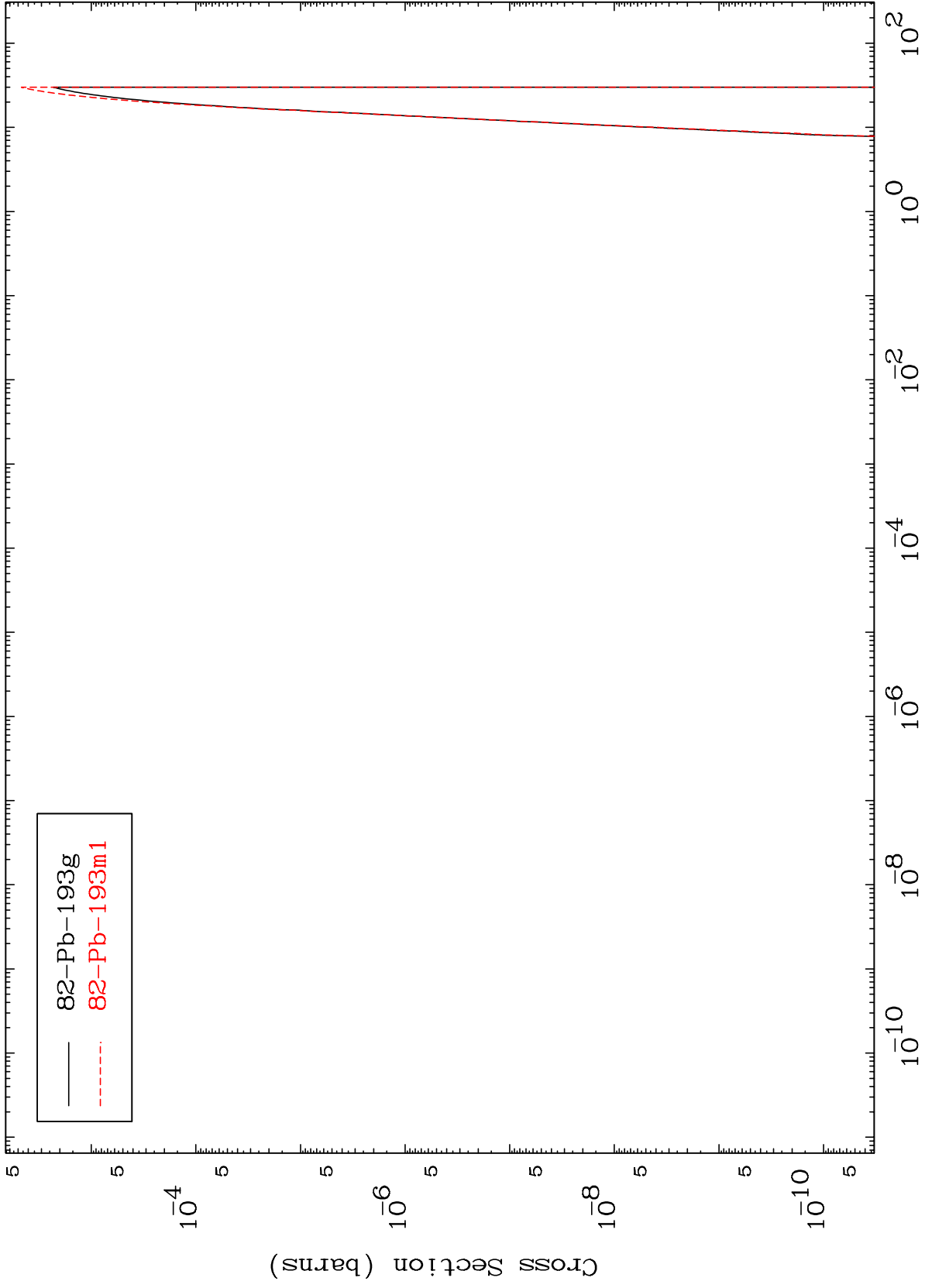
Incident Energy (MeV)

MAT 8392

(n,He-3)

84-Po-195

Radionuclide Production Cross Section



84

Incident Energy (MeV)

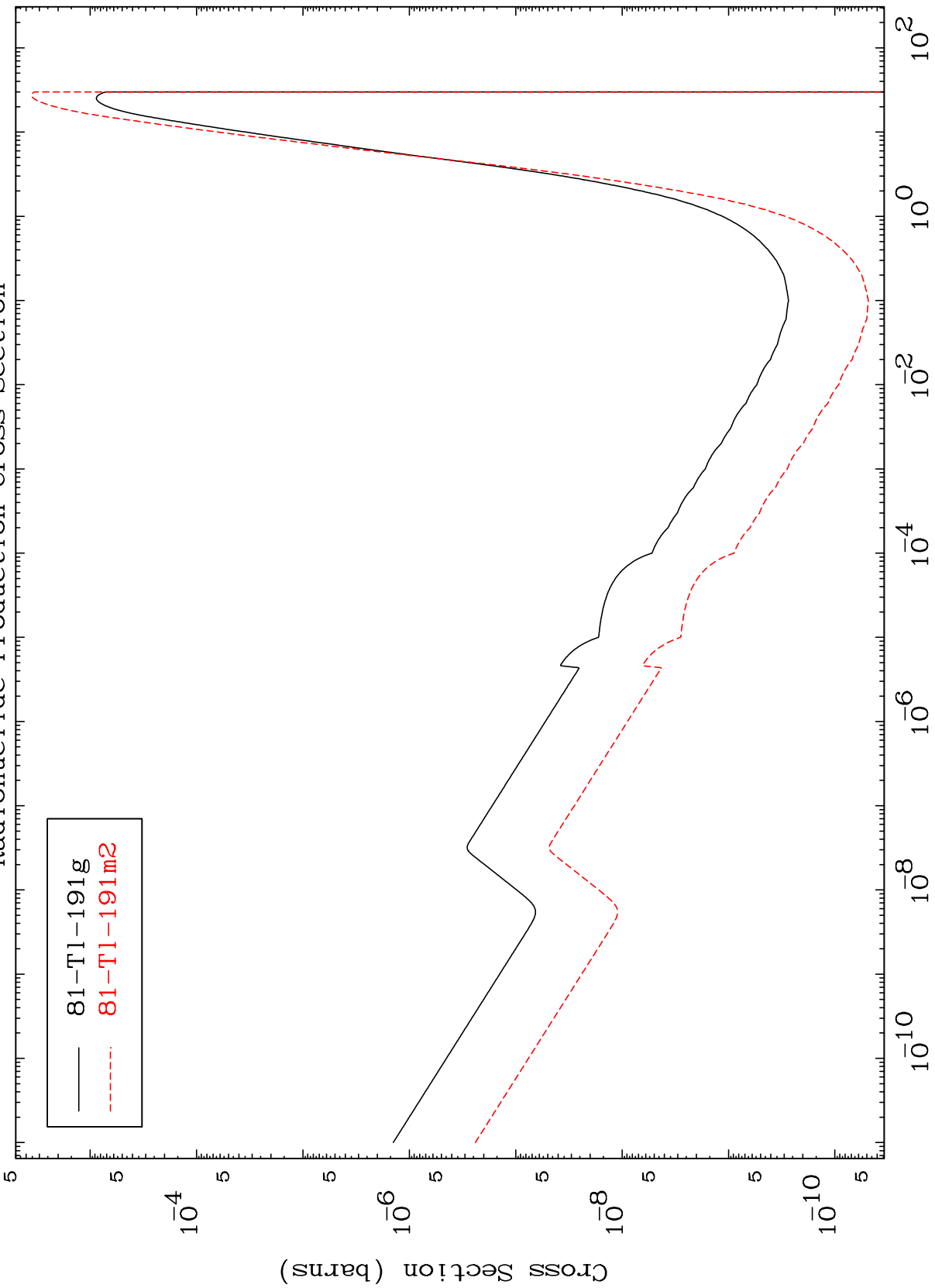
84-Po-195

MAT 8392

(n,p) α

84-Po-195

Radionuclide Production Cross Section



81-Tl-191g
81-Tl-191m2

85

Incident Energy (MeV)

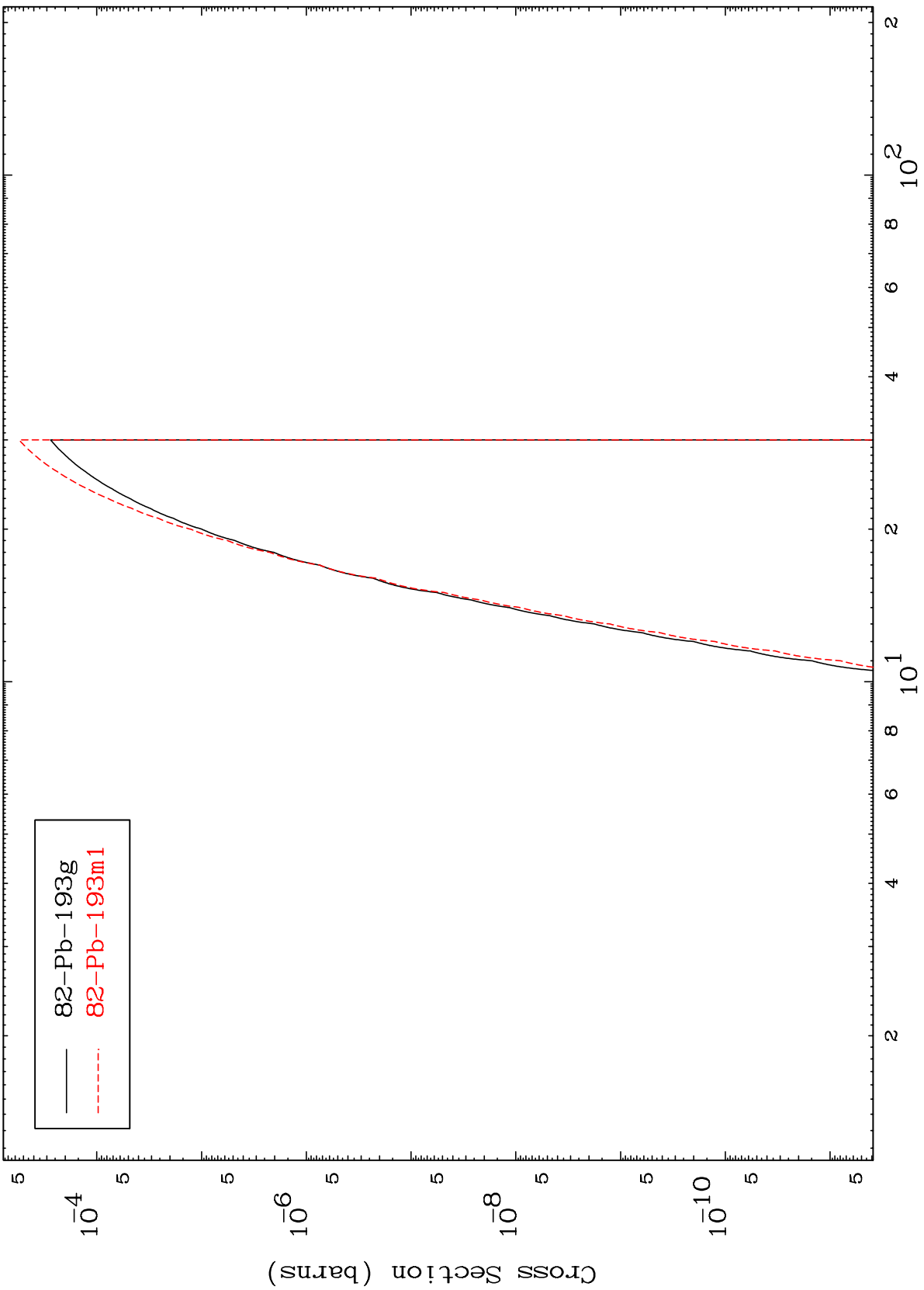
84-Po-195

MAT 8392

(n,p) d

84-Po-195

Radionuclide Production Cross Section



— 82-Pb-193g
- - - 82-Pb-193m1

86

Incident Energy (MeV)

84-Po-195