

Program EVALPLOT
(Version 2017-1)

by

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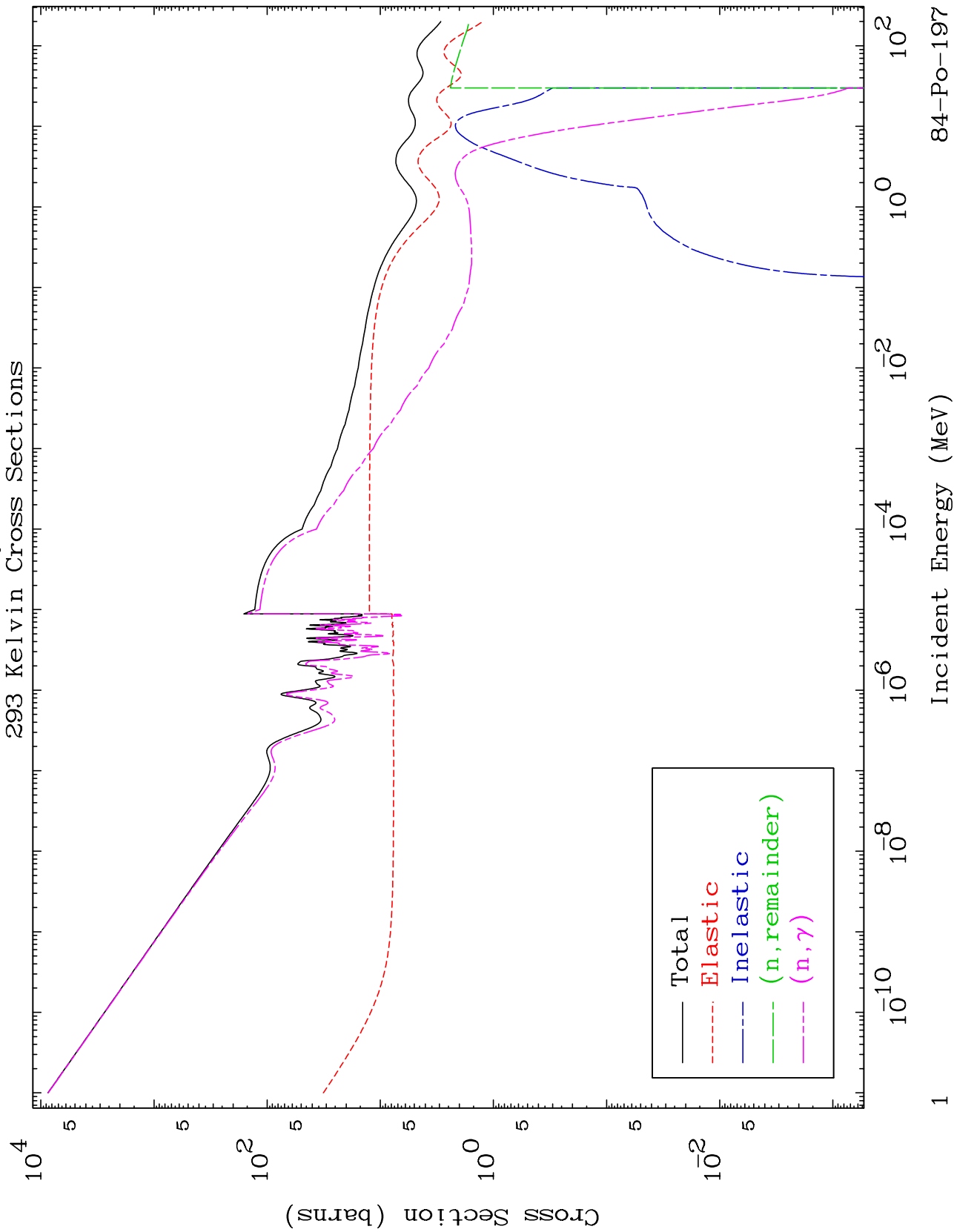
Press Mouse Button to Start

MAT 8398

Major

293 Kelvin Cross Sections

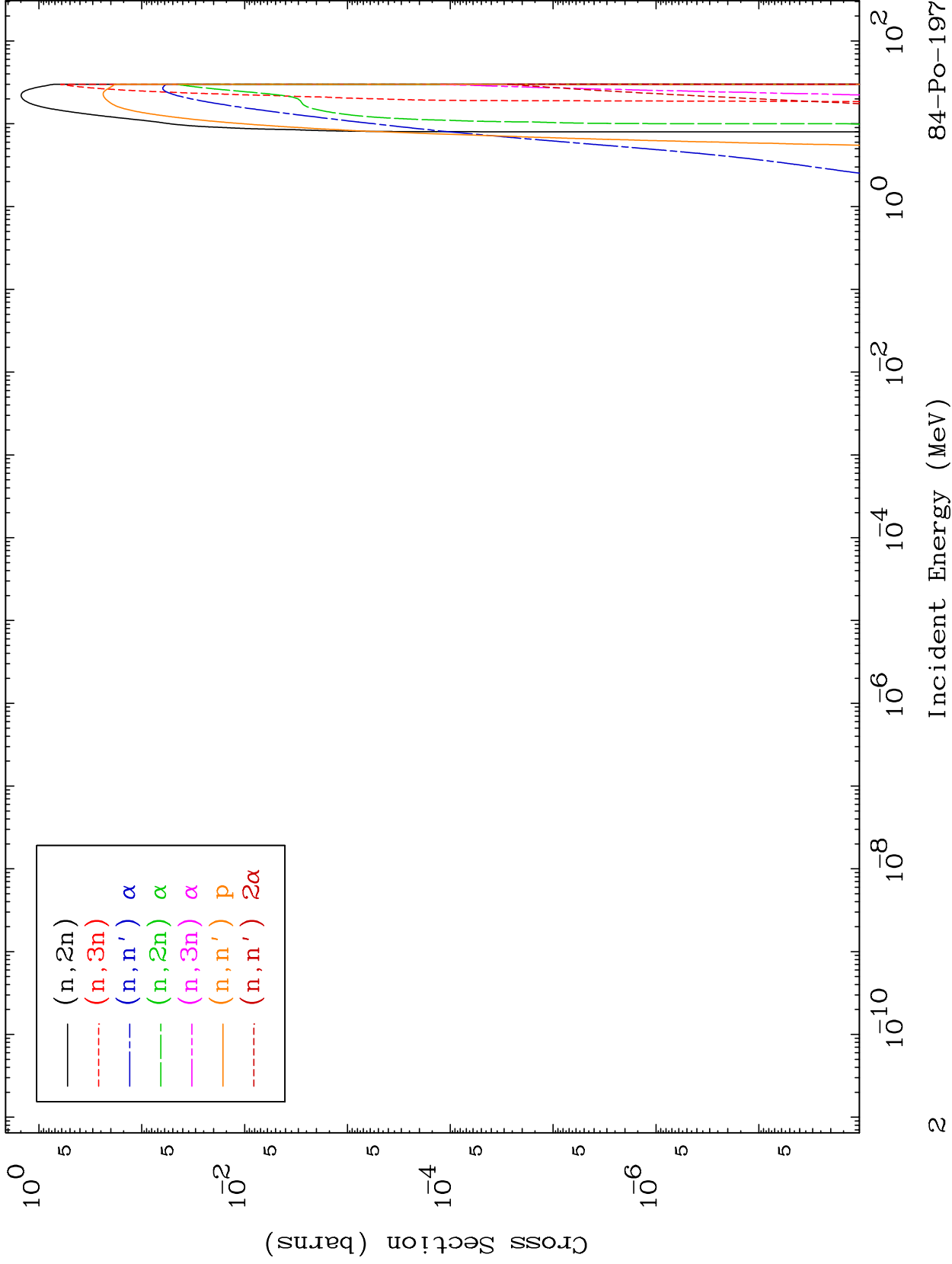
84-Po-197



MAT 8398

Neutron Production
293 Kelvin Cross Sections

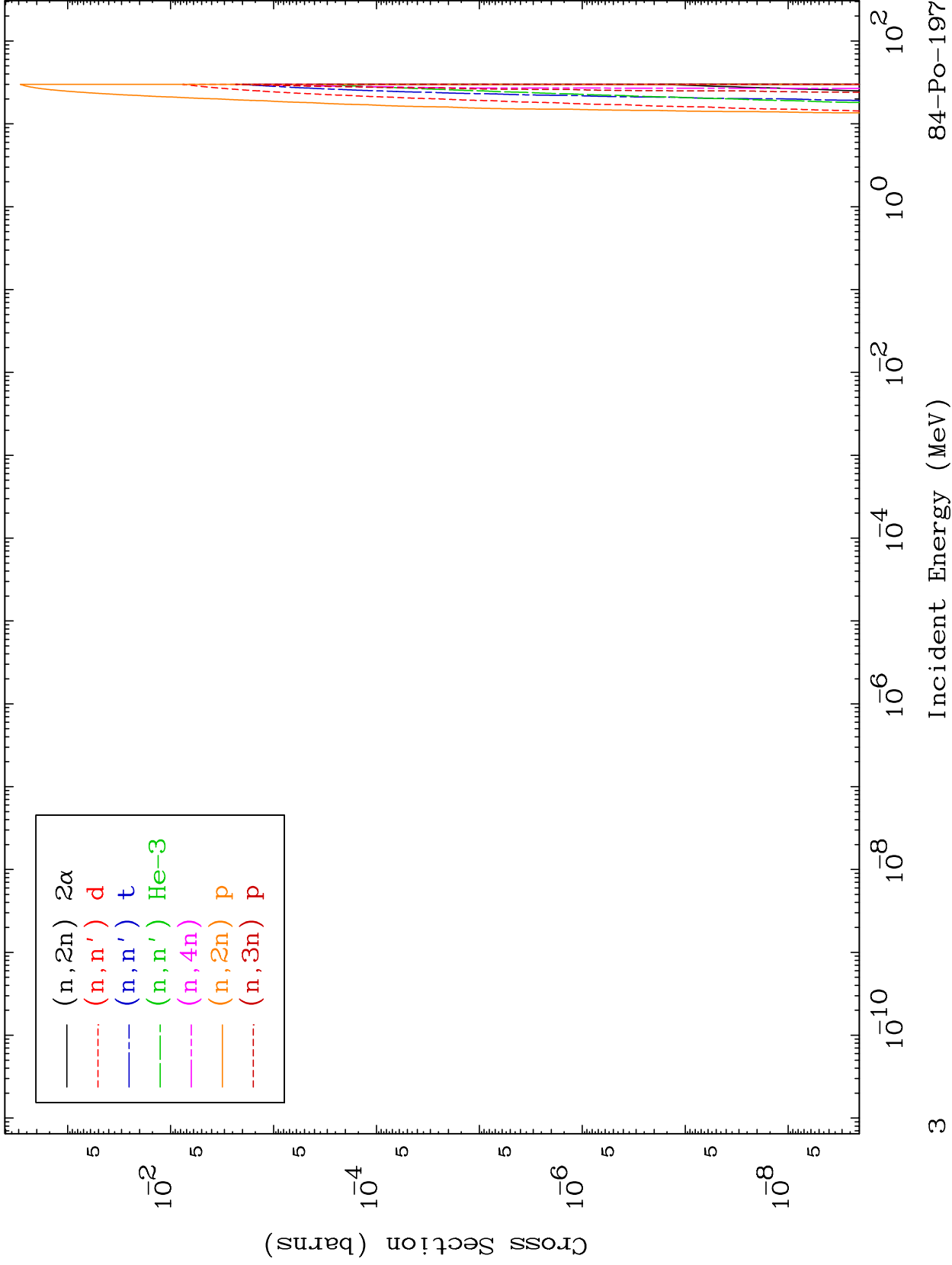
84-Po-197



MAT 8398

Neutron Production
293 Kelvin Cross Sections

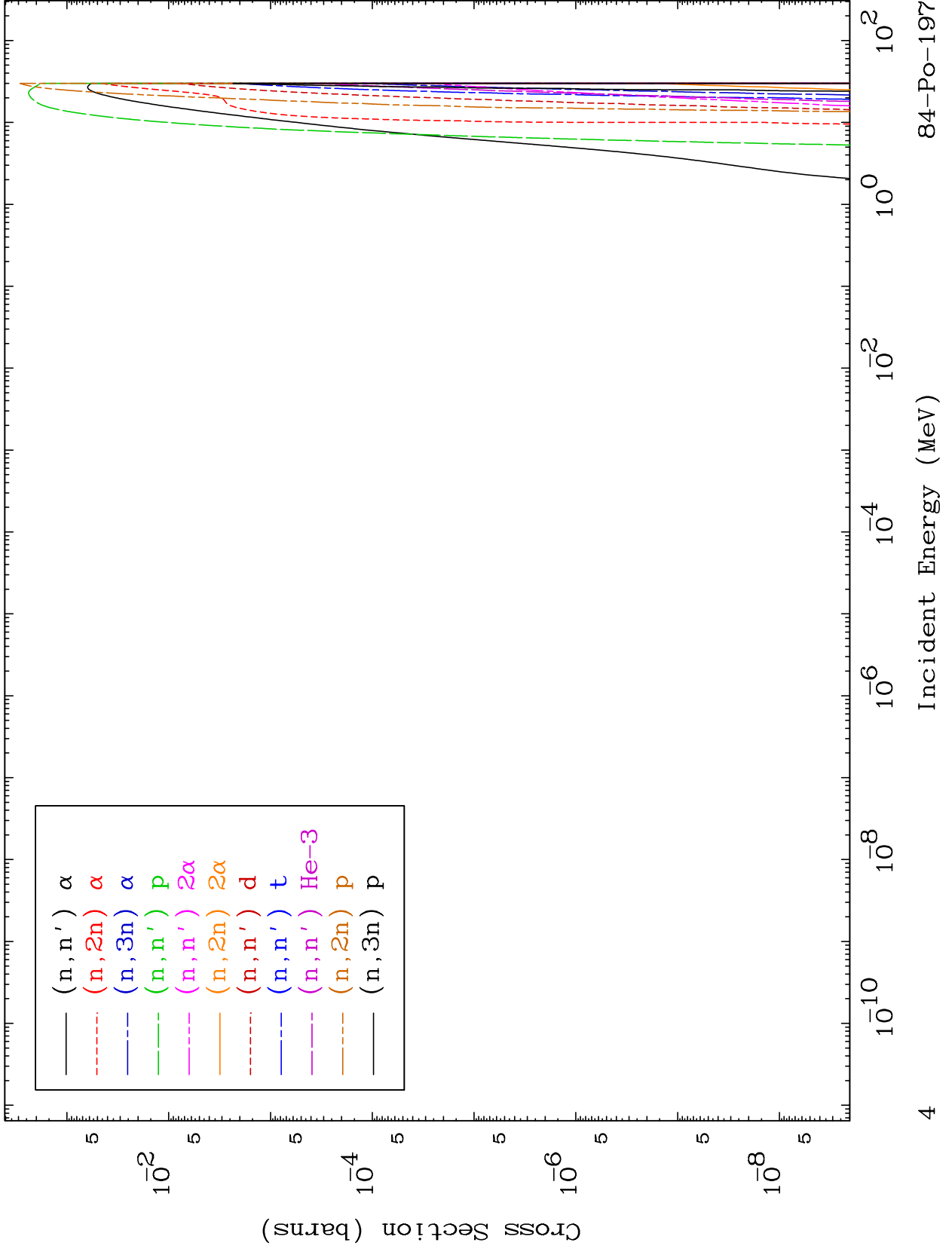
84-Po-197



MAT 8398

Charged Particle
293 Kelvin Cross Sections

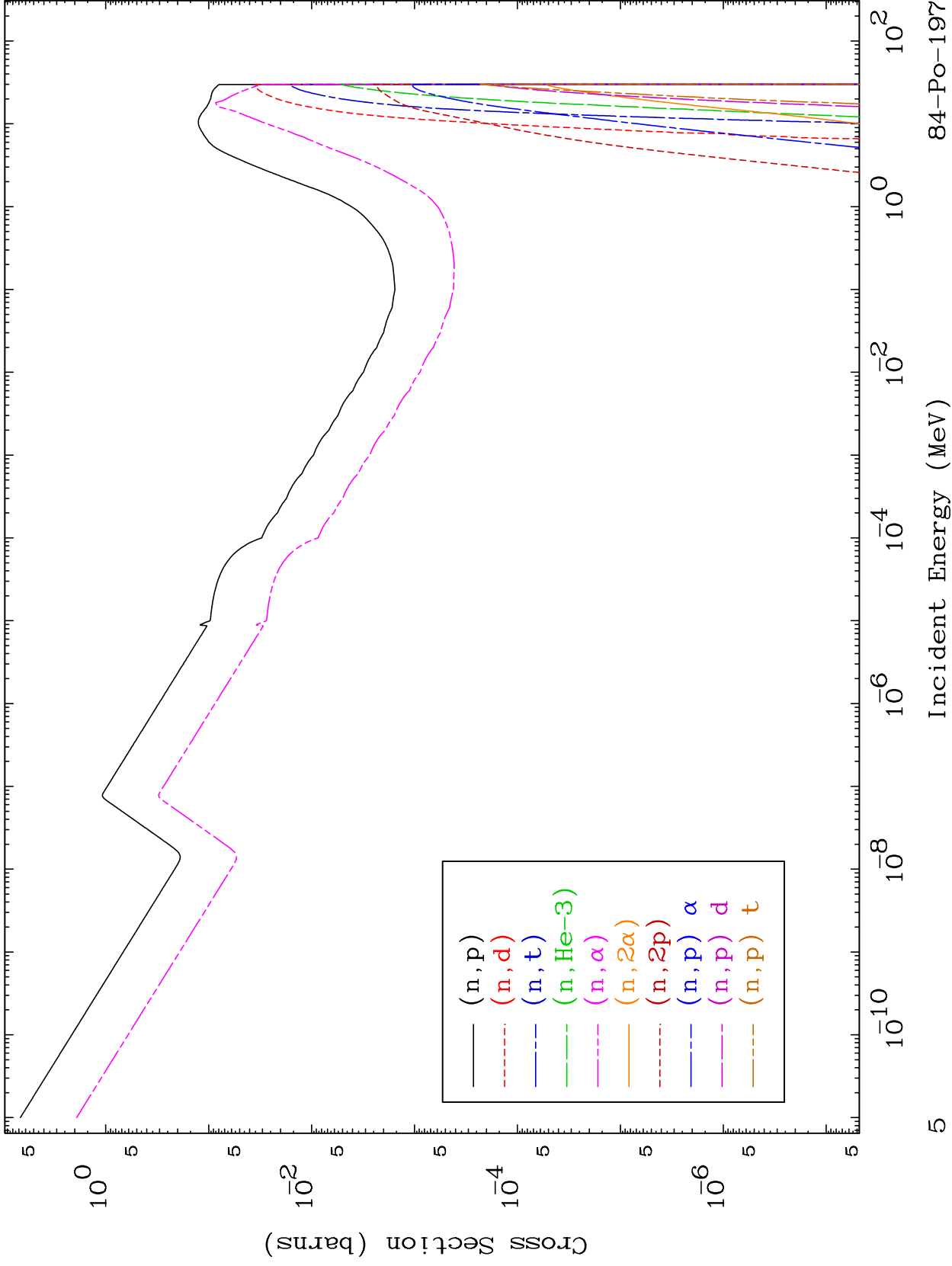
84-Po-197



MAT 8398

Charged Particle
293 Kelvin Cross Sections

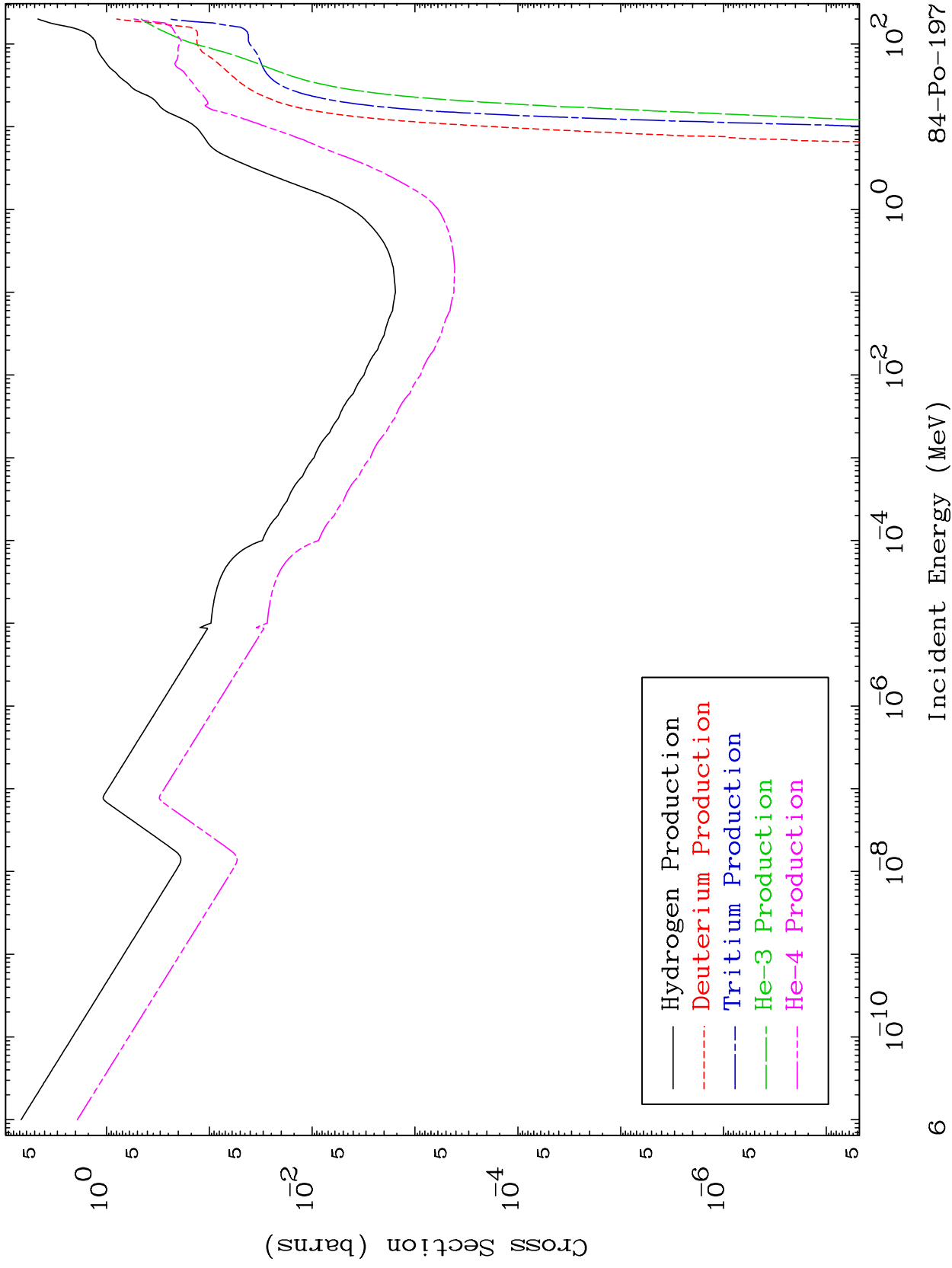
84-Po-197



MAT 8398

Particle Production
293 Kelvin Cross Sections

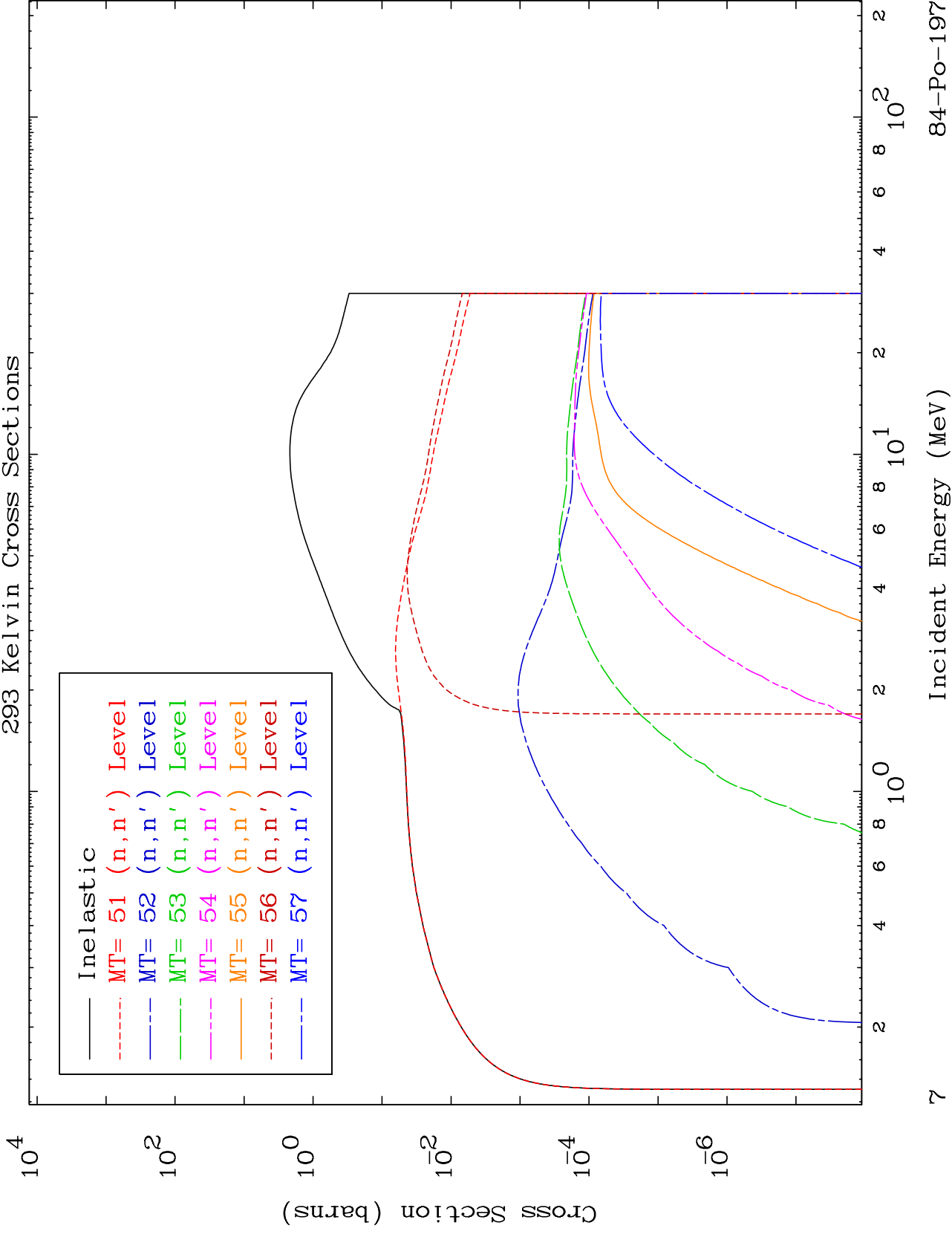
84-Po-197



MAT 8398

(n,n') Level
293 Kelvin Cross Sections

84-Po-197

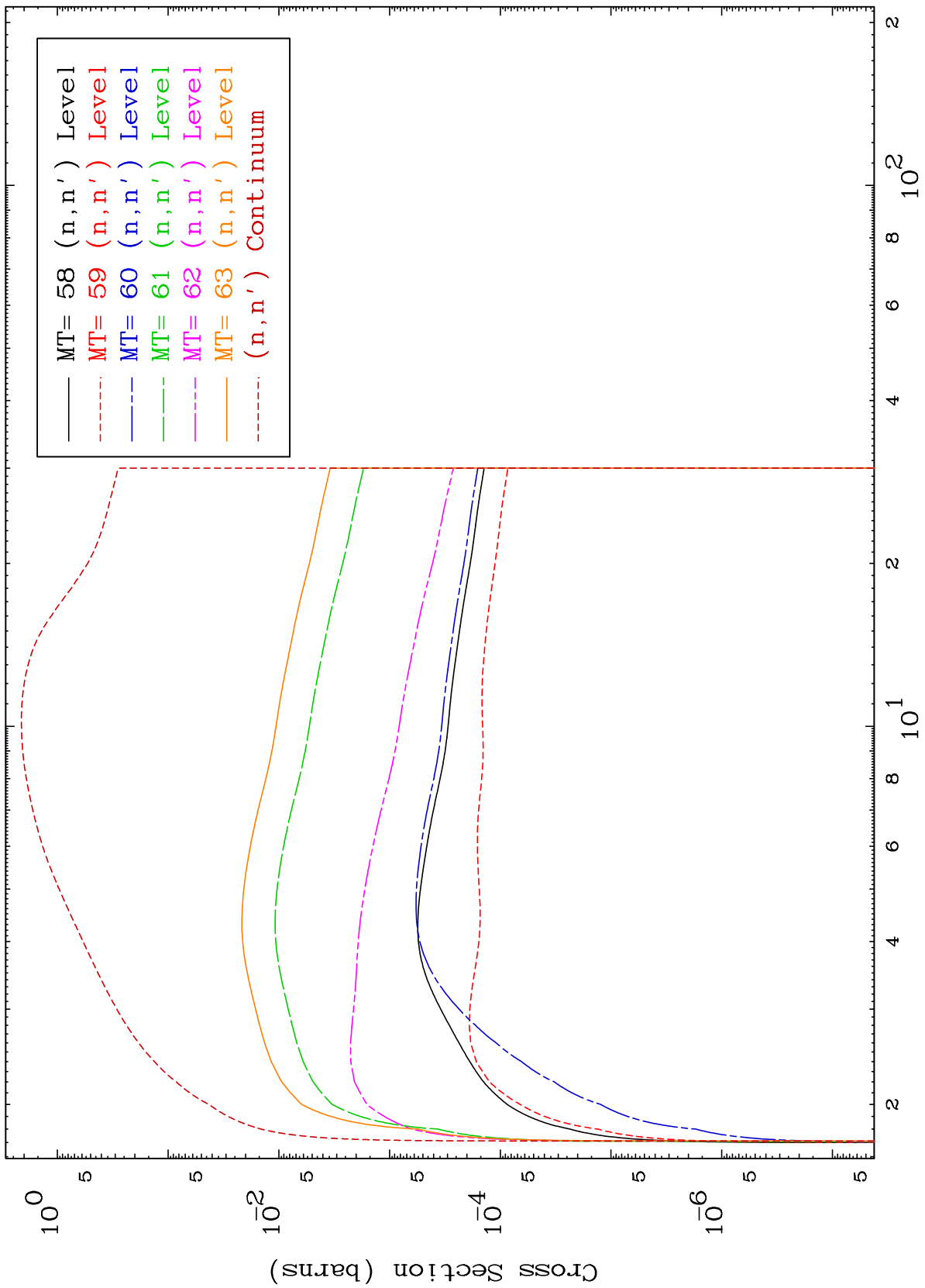


MAT 8398

(n,n') Level

84-Po-197

293 Kelvin Cross Sections



8

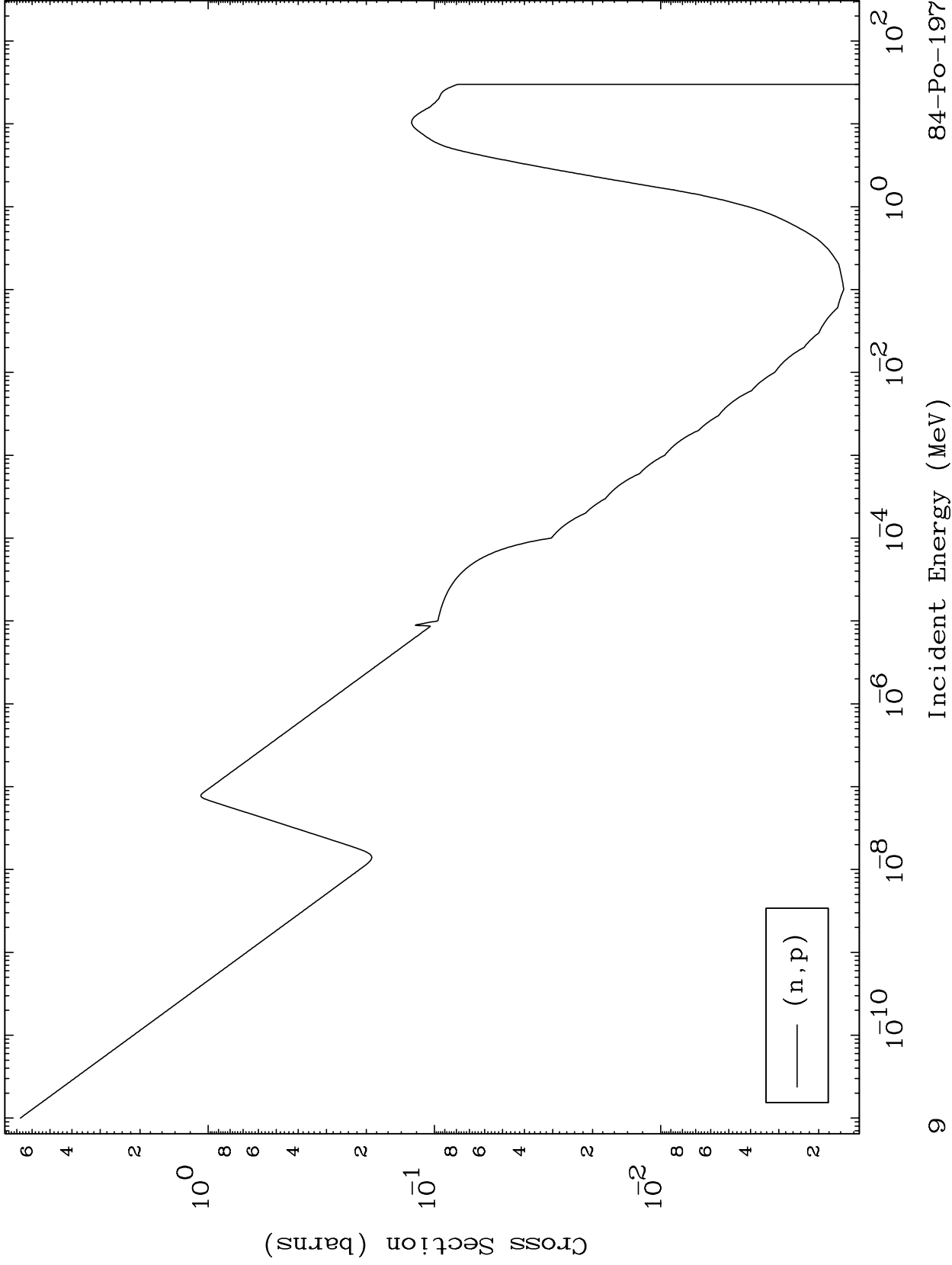
Incident Energy (MeV)

84-Po-197

MAT 8398

(n,p) Levels
293 Kelvin Cross Sections

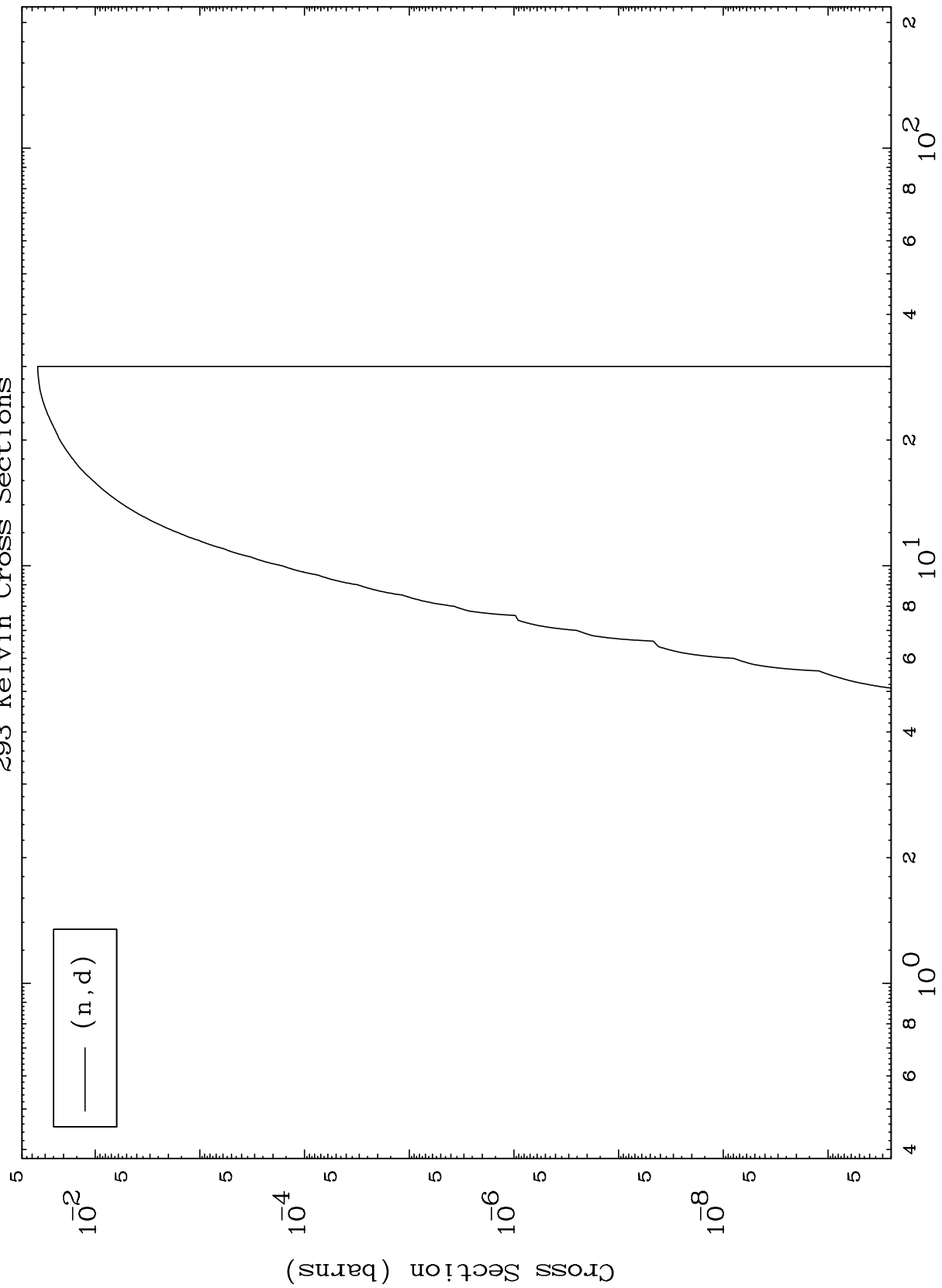
84-Po-197



MAT 8398

(n,d) Levels
293 Kelvin Cross Sections

84-Po-197



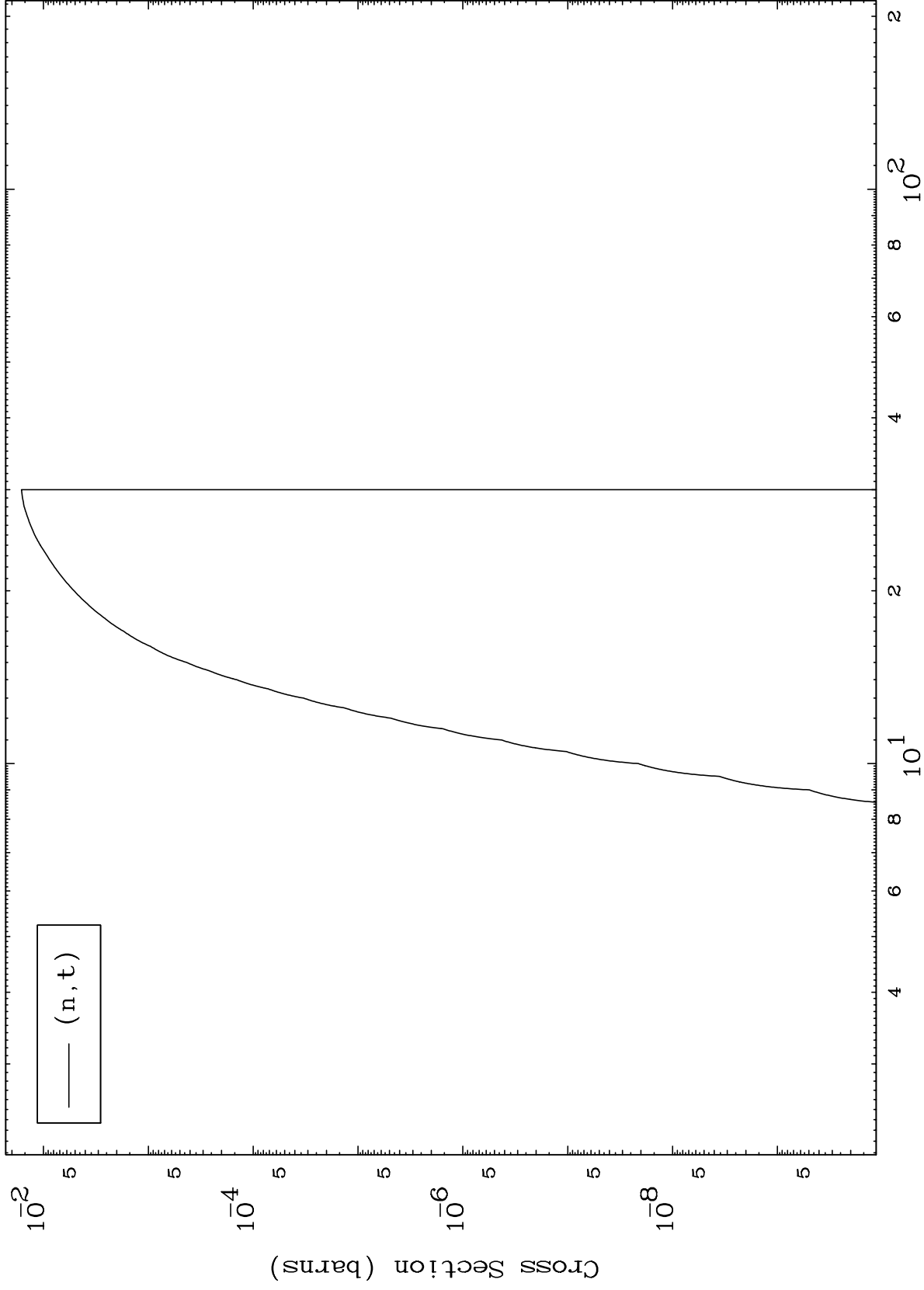
Incident Energy (MeV)

84-Po-197

MAT 8398

(n,t) Levels
293 Kelvin Cross Sections

84-Po-197



11

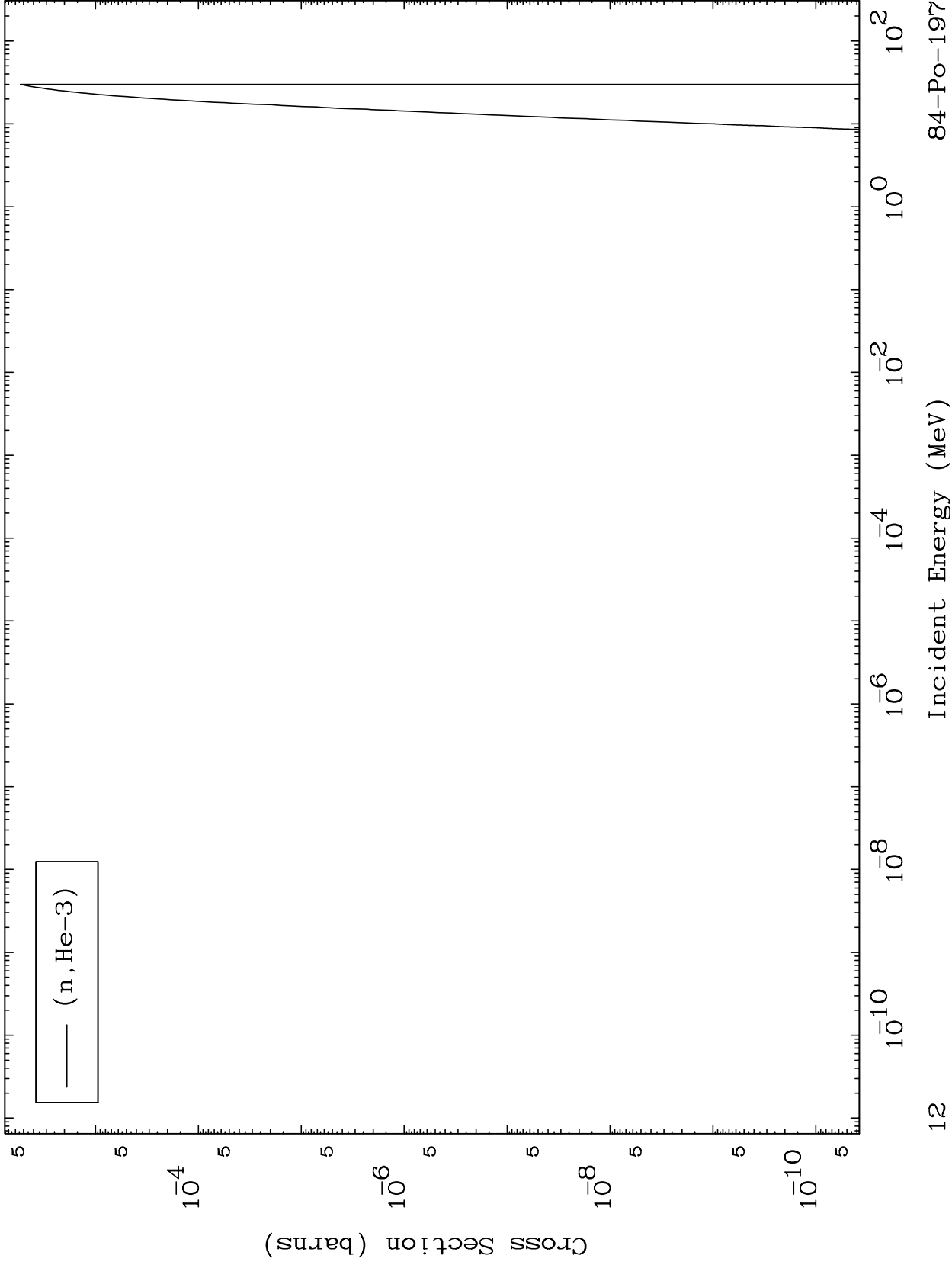
Incident Energy (MeV)

84-Po-197

MAT 8398

(n,He3) Levels
293 Kelvin Cross Sections

84-Po-197

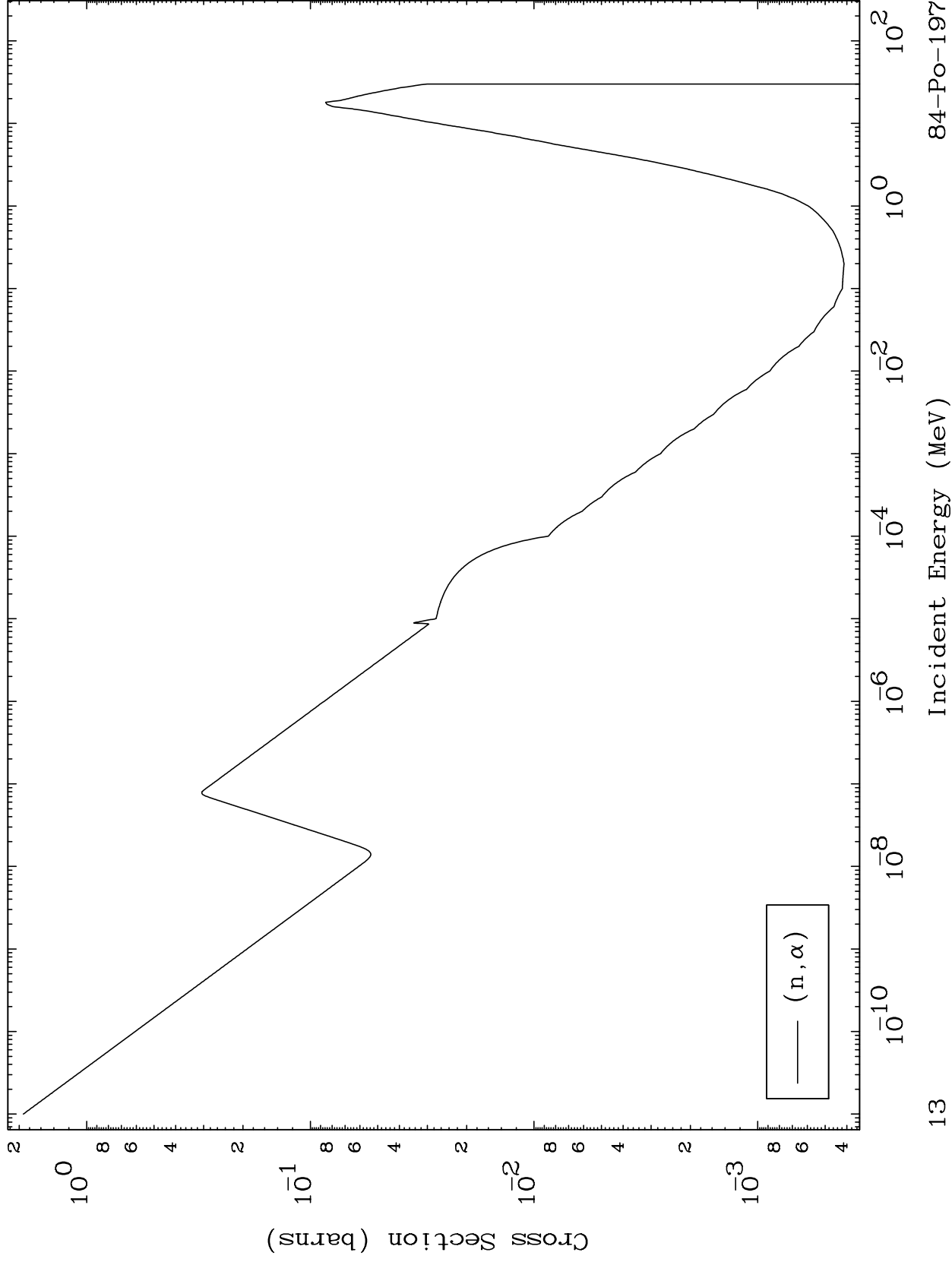


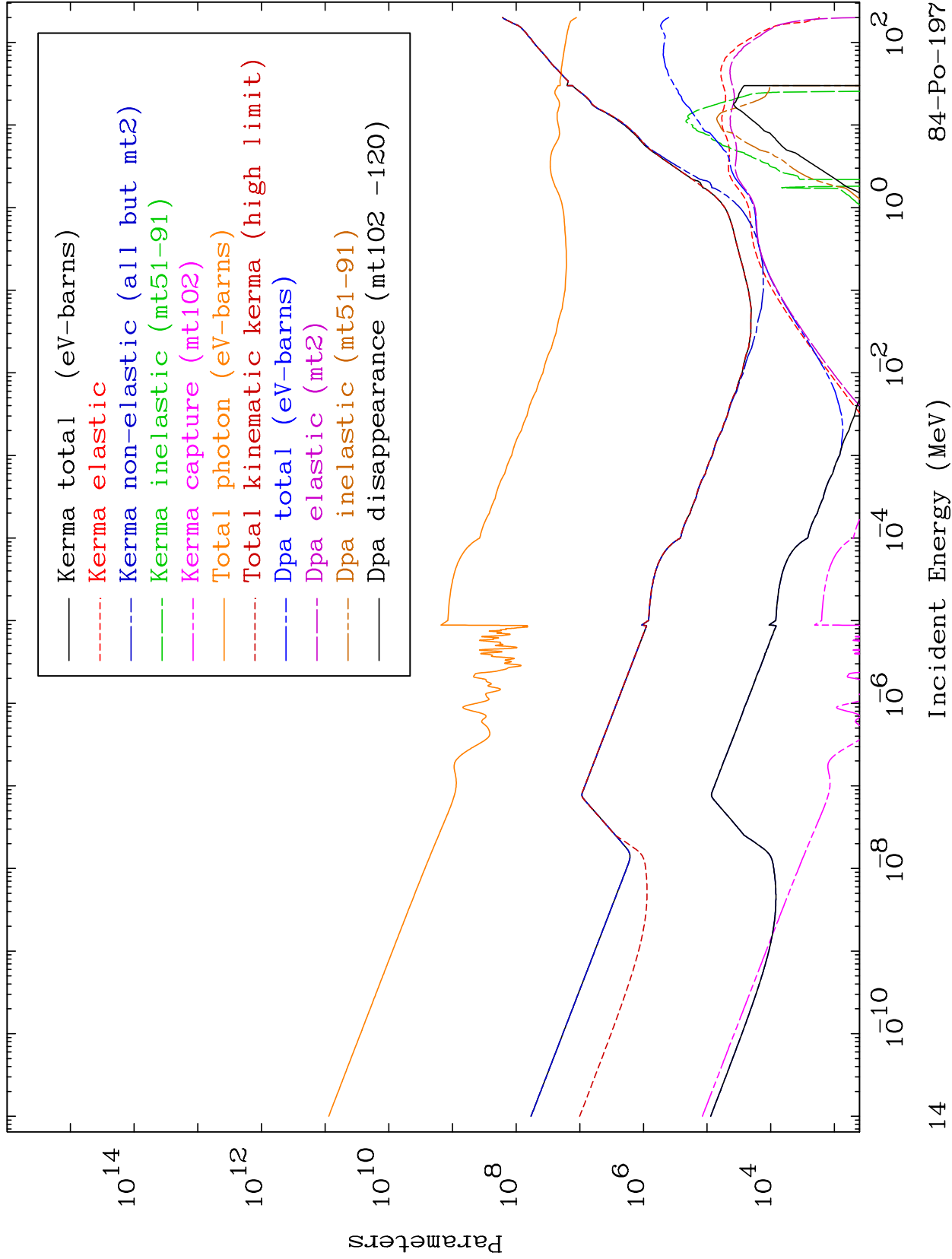
12

MAT 8398

(n,α) Levels
293 Kelvin Cross Sections

84-Po-197

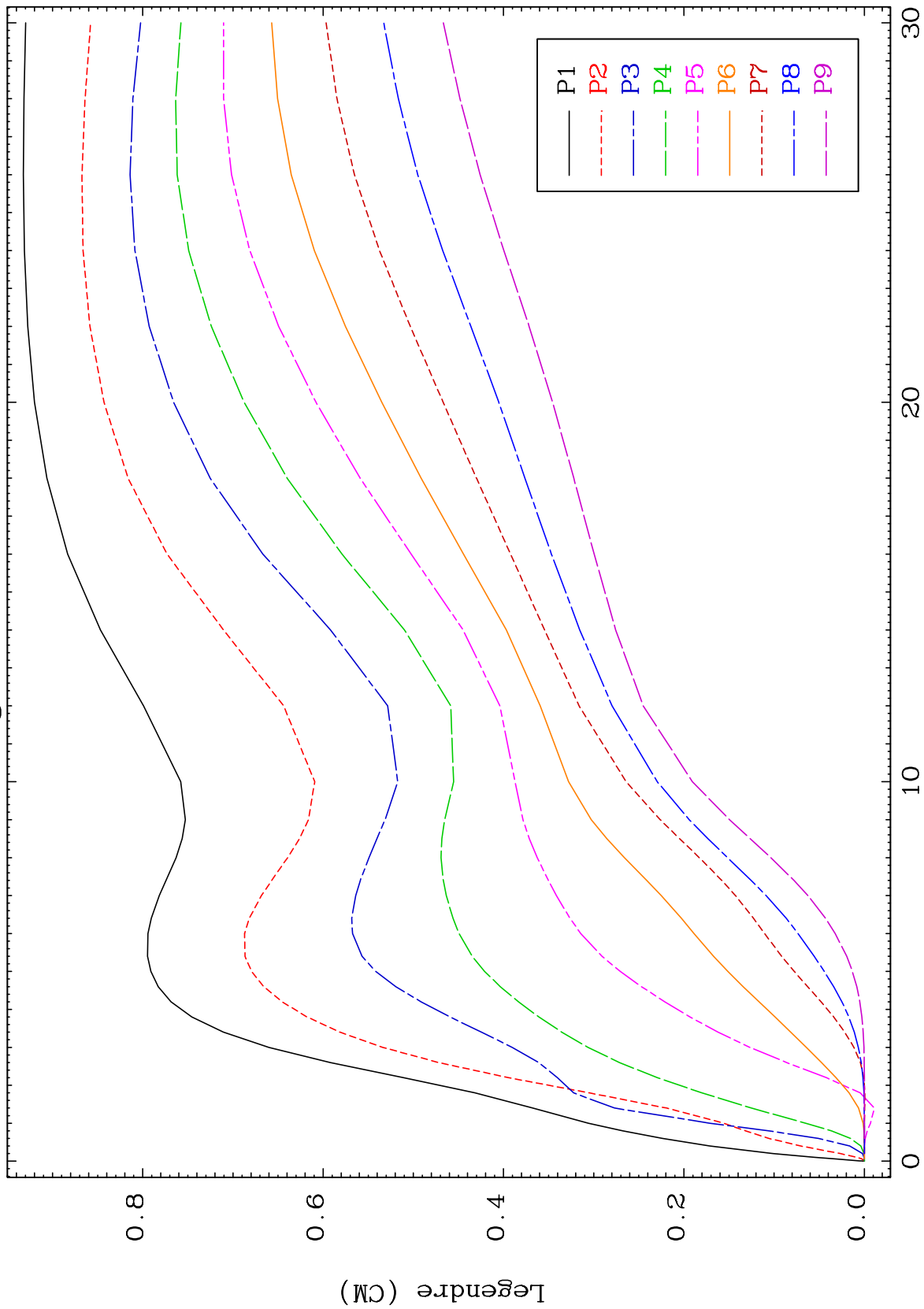




MAT 8398

Elastic Legendre Coefficients

84-Po-197



15

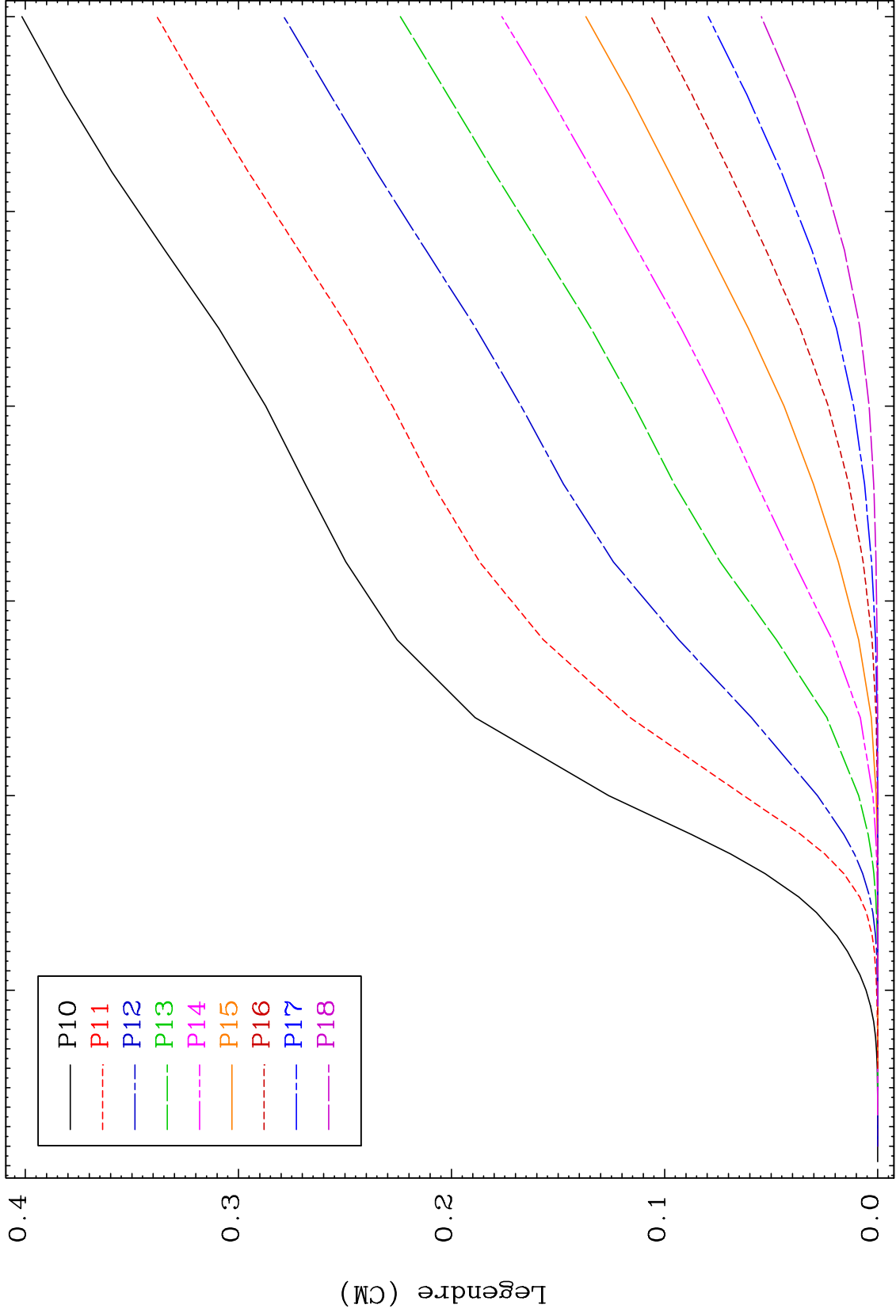
Incident Energy (MeV)

84-Po-197

MAT 8398

Elastic Legendre Coefficients

84-Po-197



16

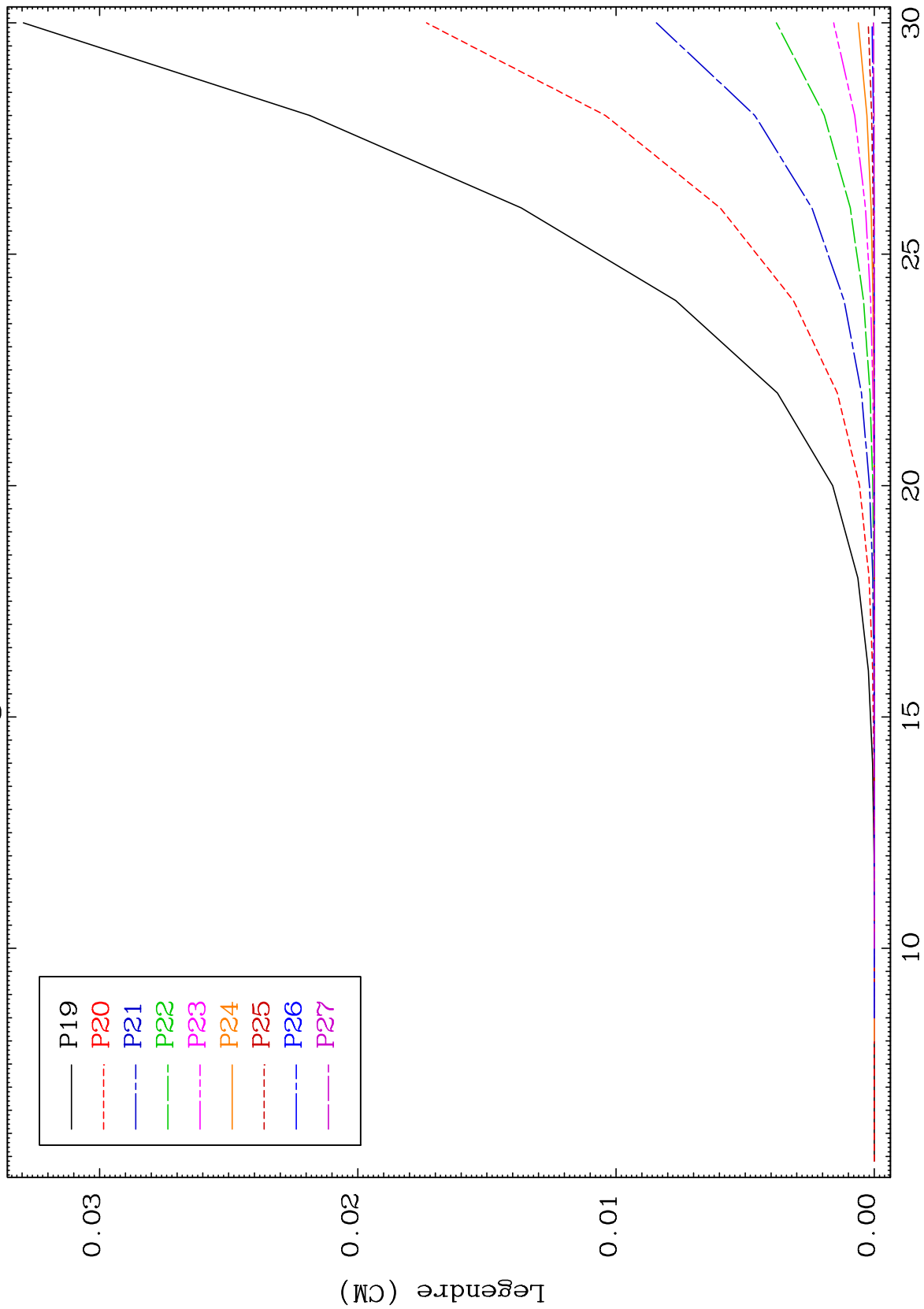
Incident Energy (MeV)

84-Po-197

MAT 8398

Elastic Legendre Coefficients

84-Po-197



17

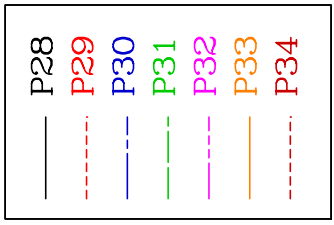
Incident Energy (MeV)

84-Po-197

MAT 8398

Elastic Legendre Coefficients

84-Po-197



$\times 10^{-5}$

1.0

0.8

0.6

0.4

0.2

0.0

Legendre (CM)

15

20

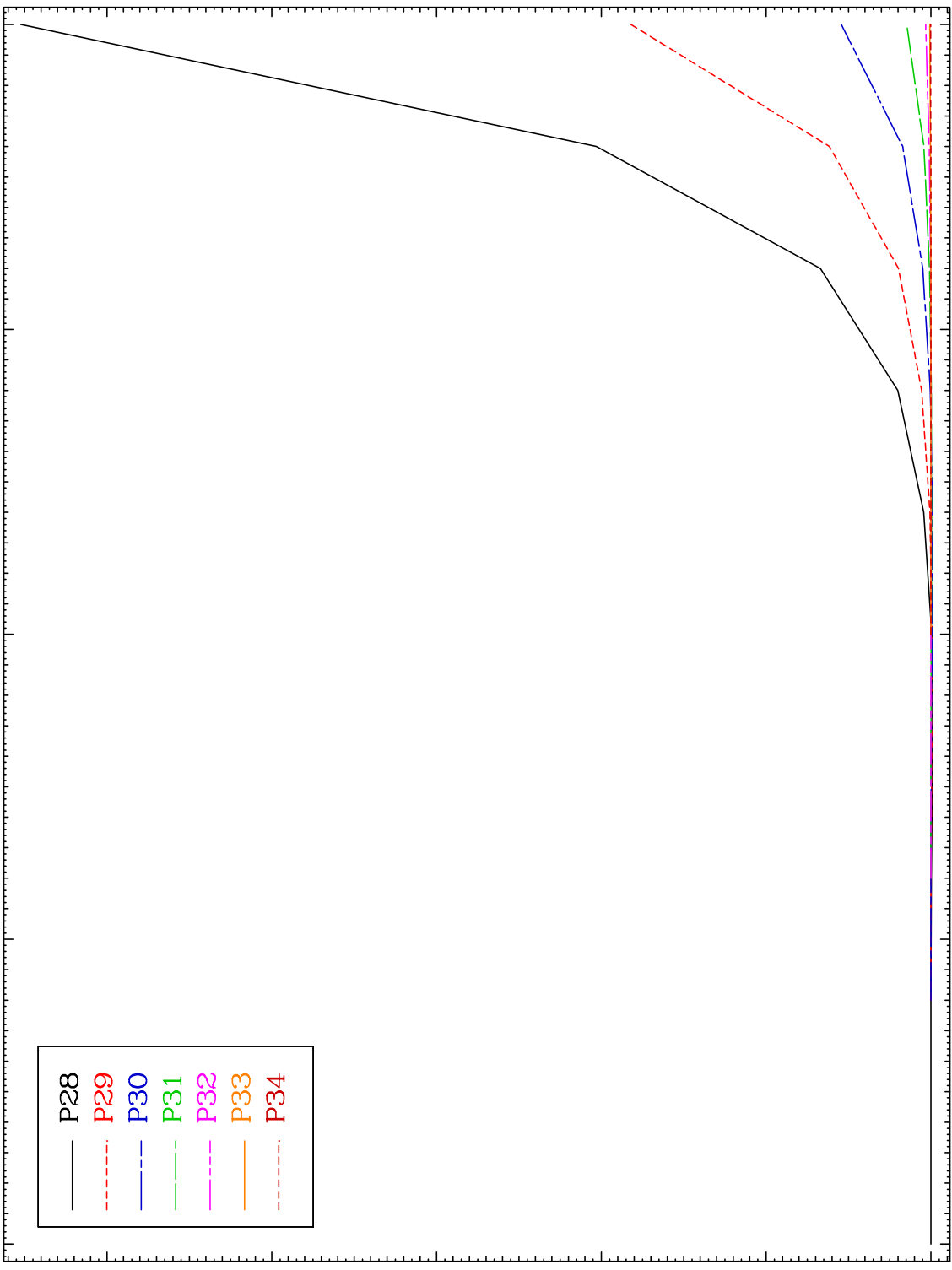
25

30

18

Incident Energy (MeV)

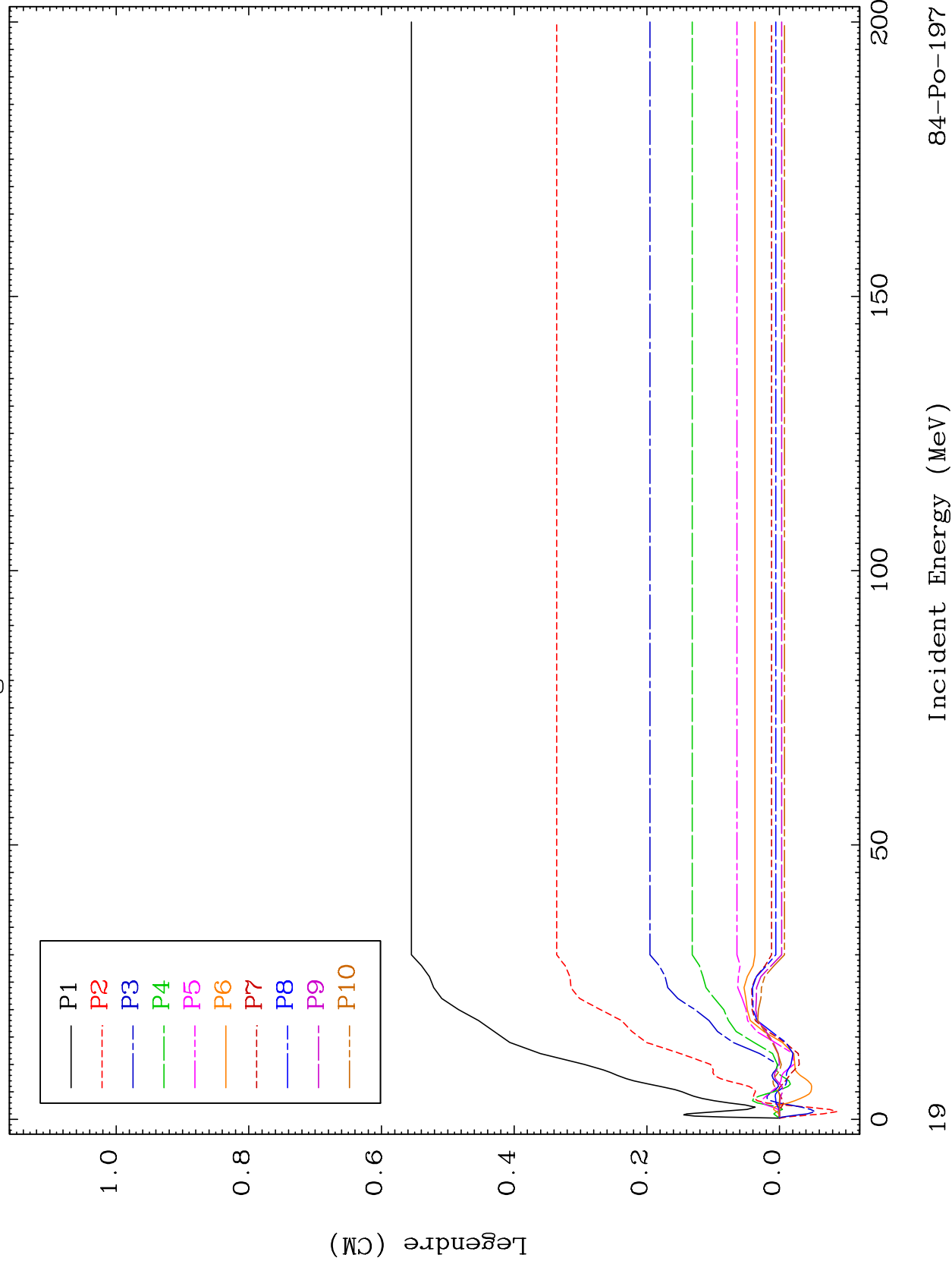
84-Po-197



MAT 8398

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

84-Po-197



19

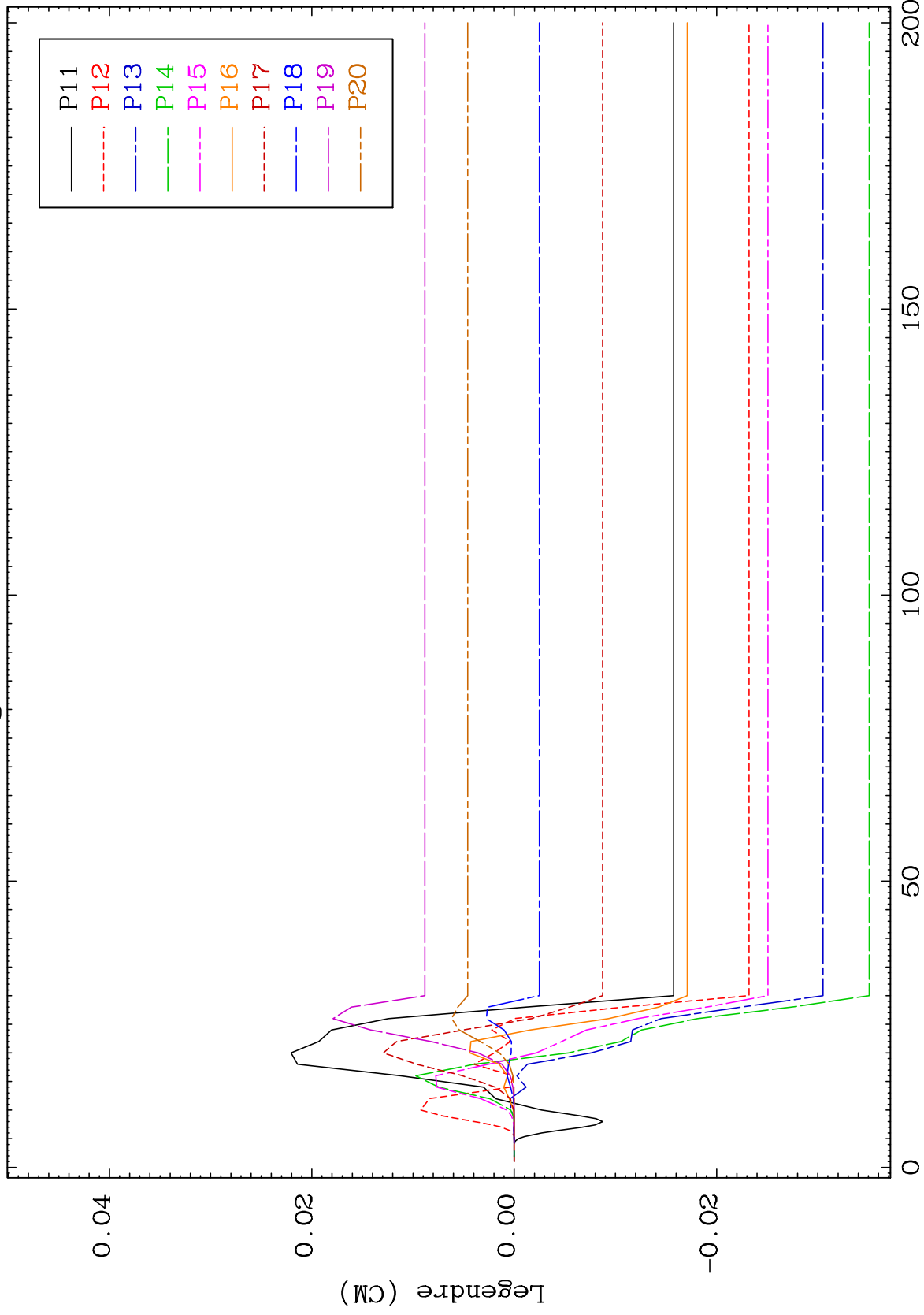
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



20

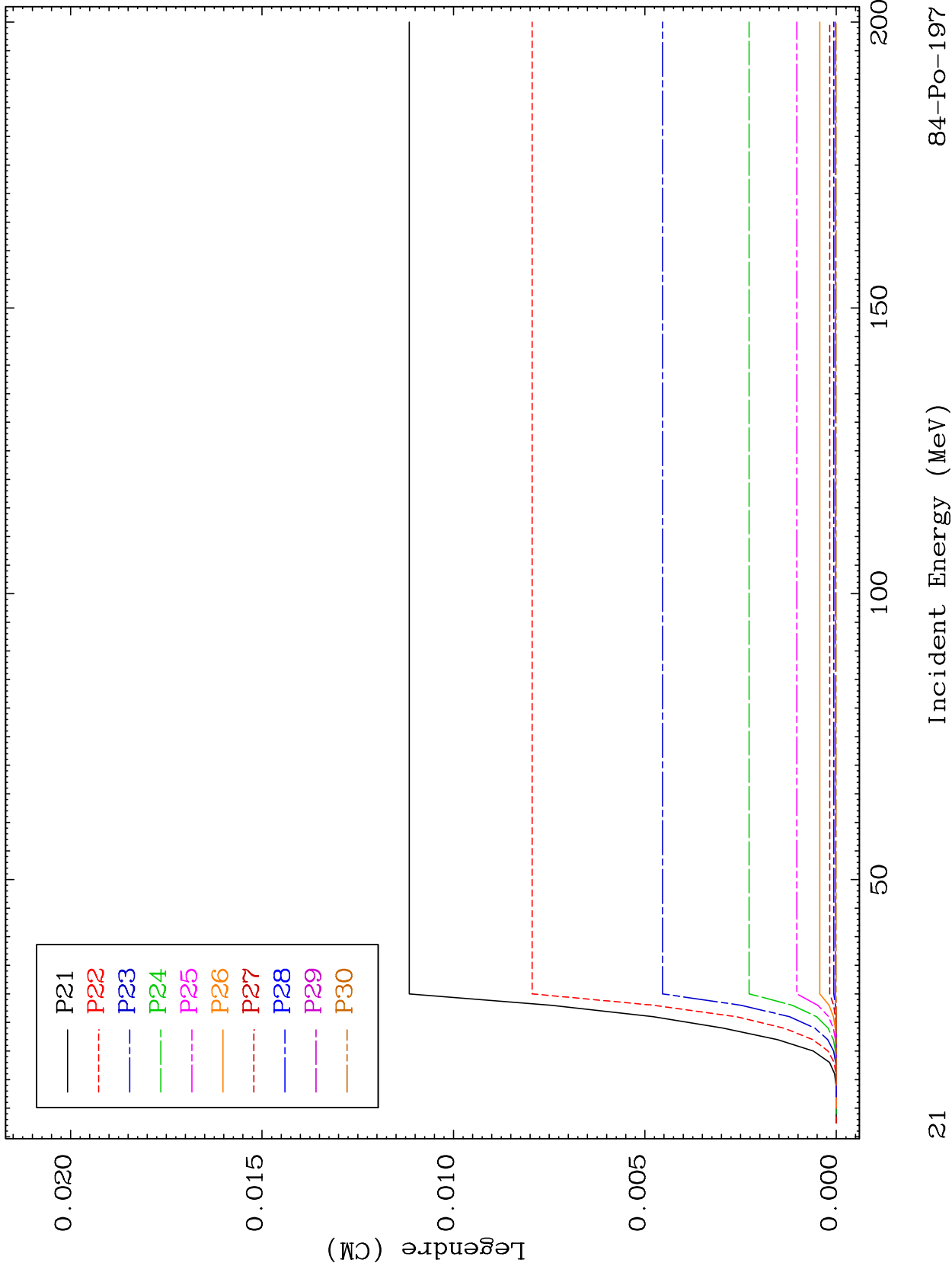
Incident Energy (MeV)

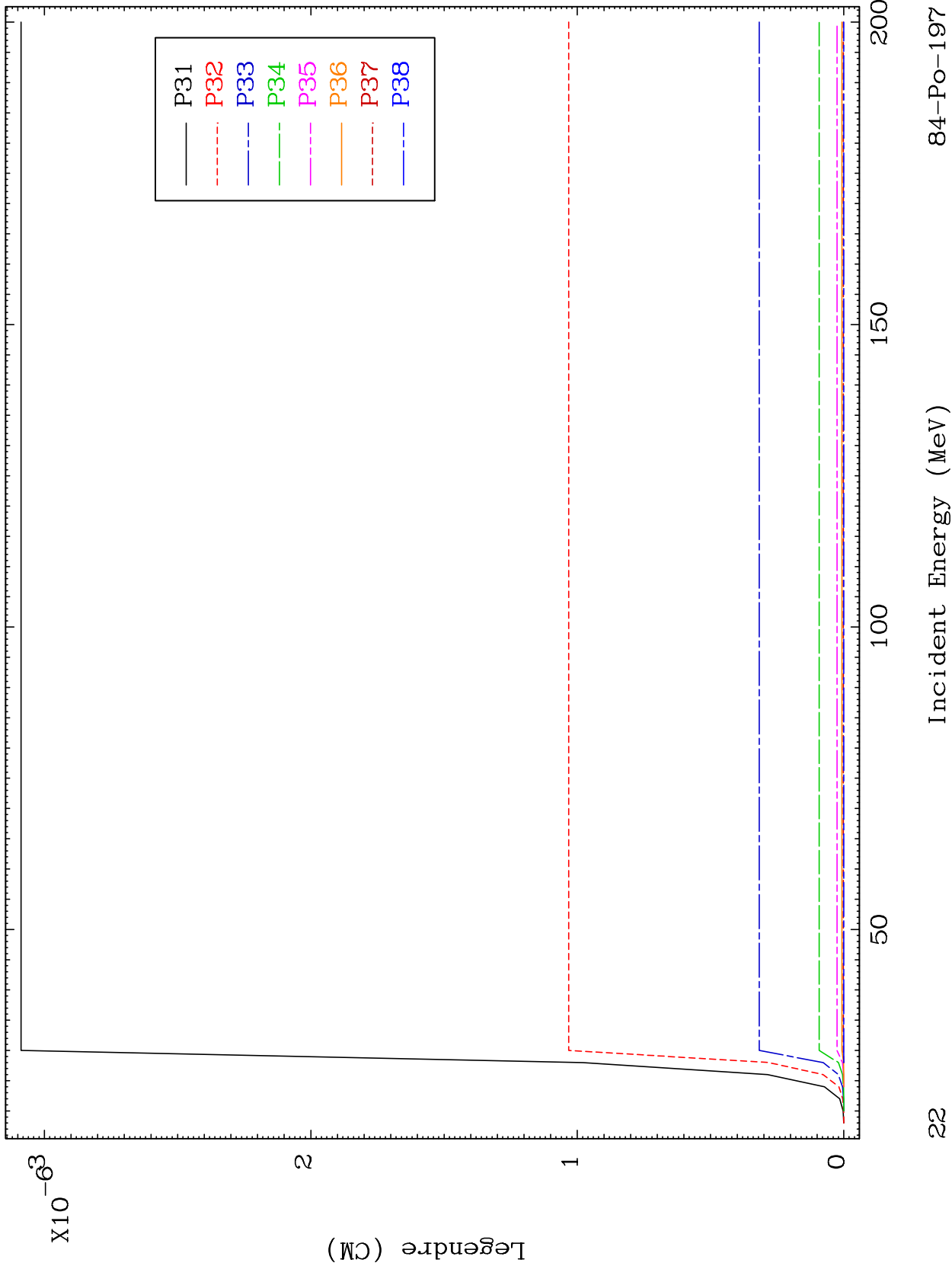
84-Po-197

MAT 8398

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

84-Po-197

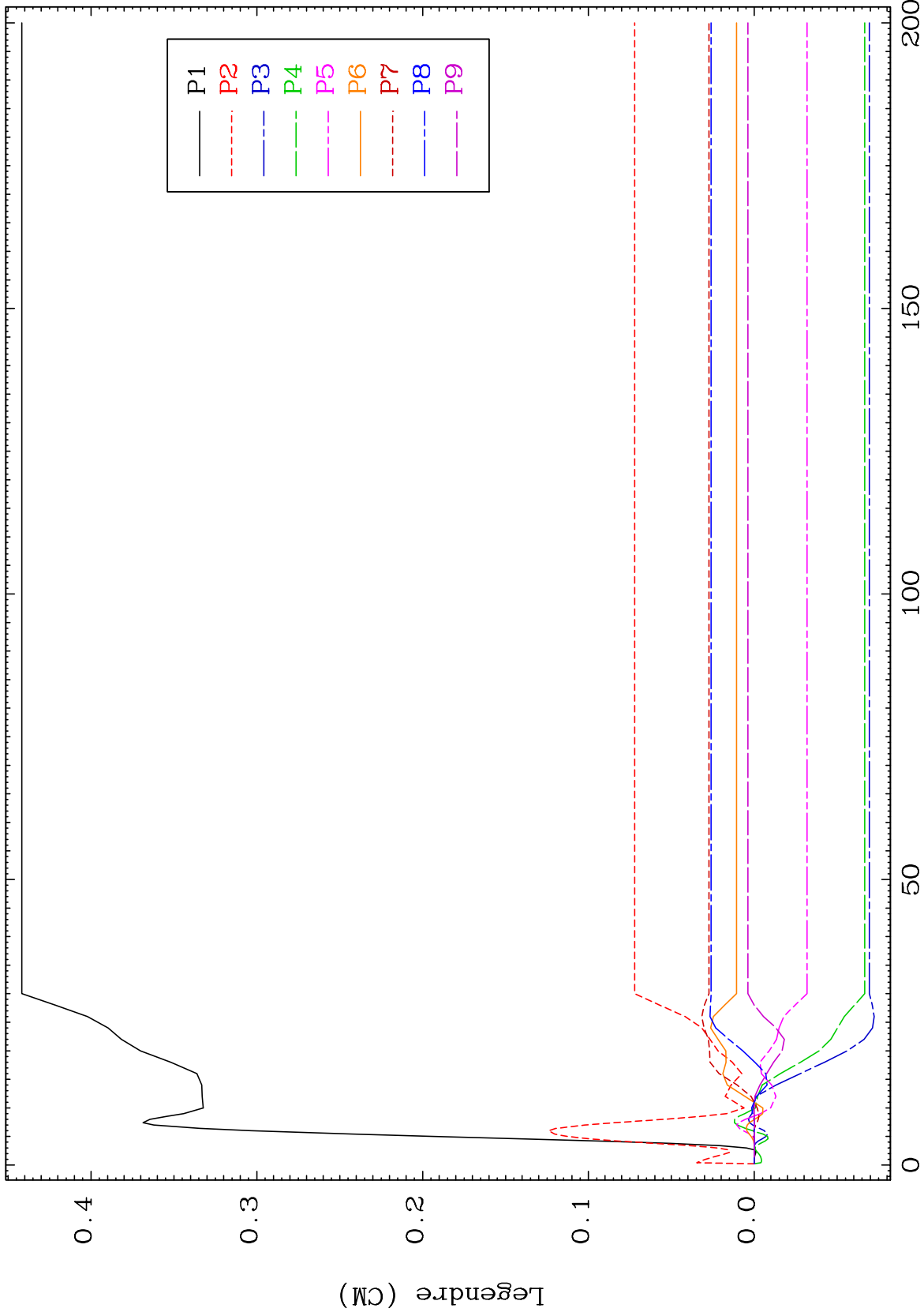




MAT 8398

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

84-Po-197



23

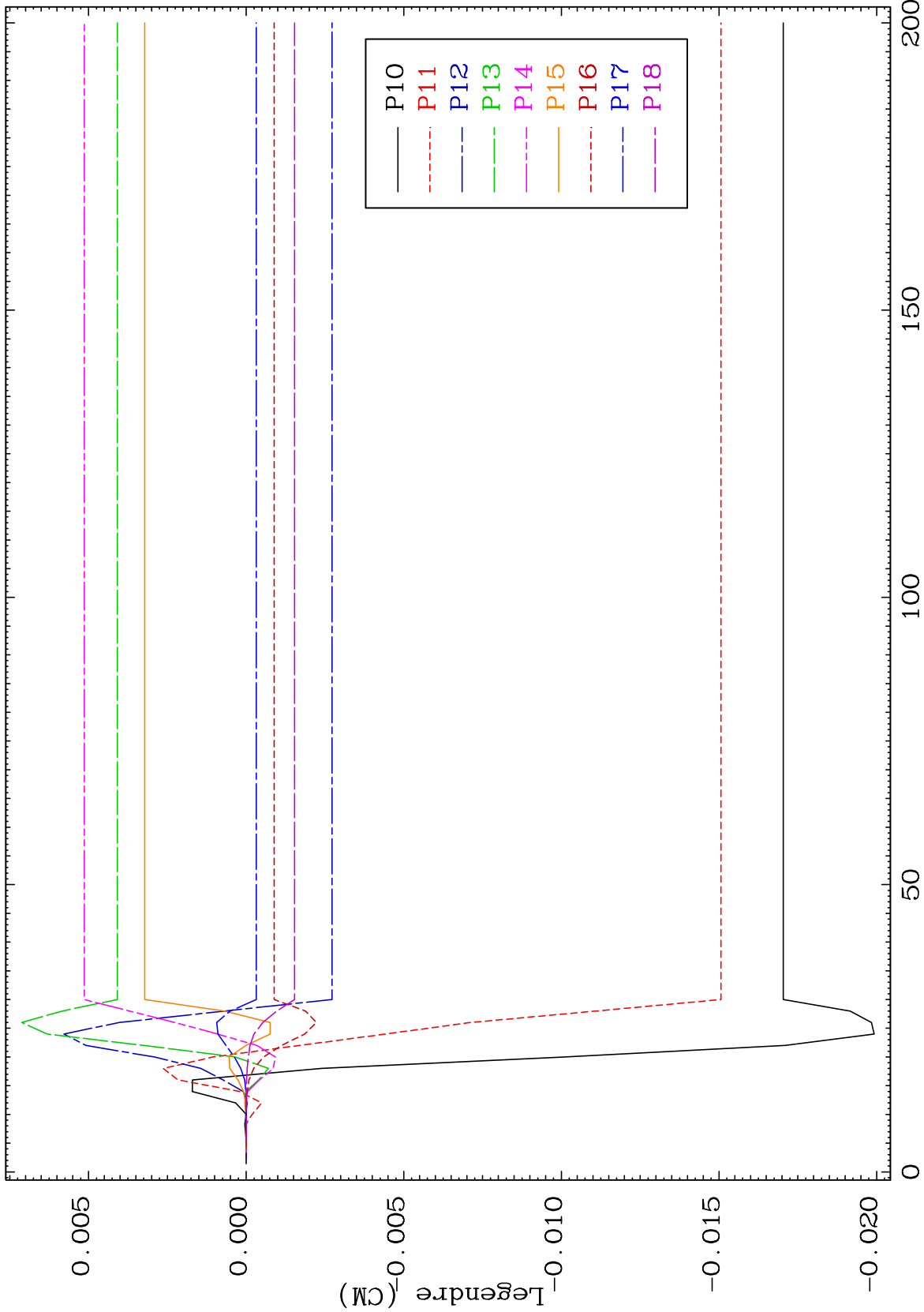
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



24

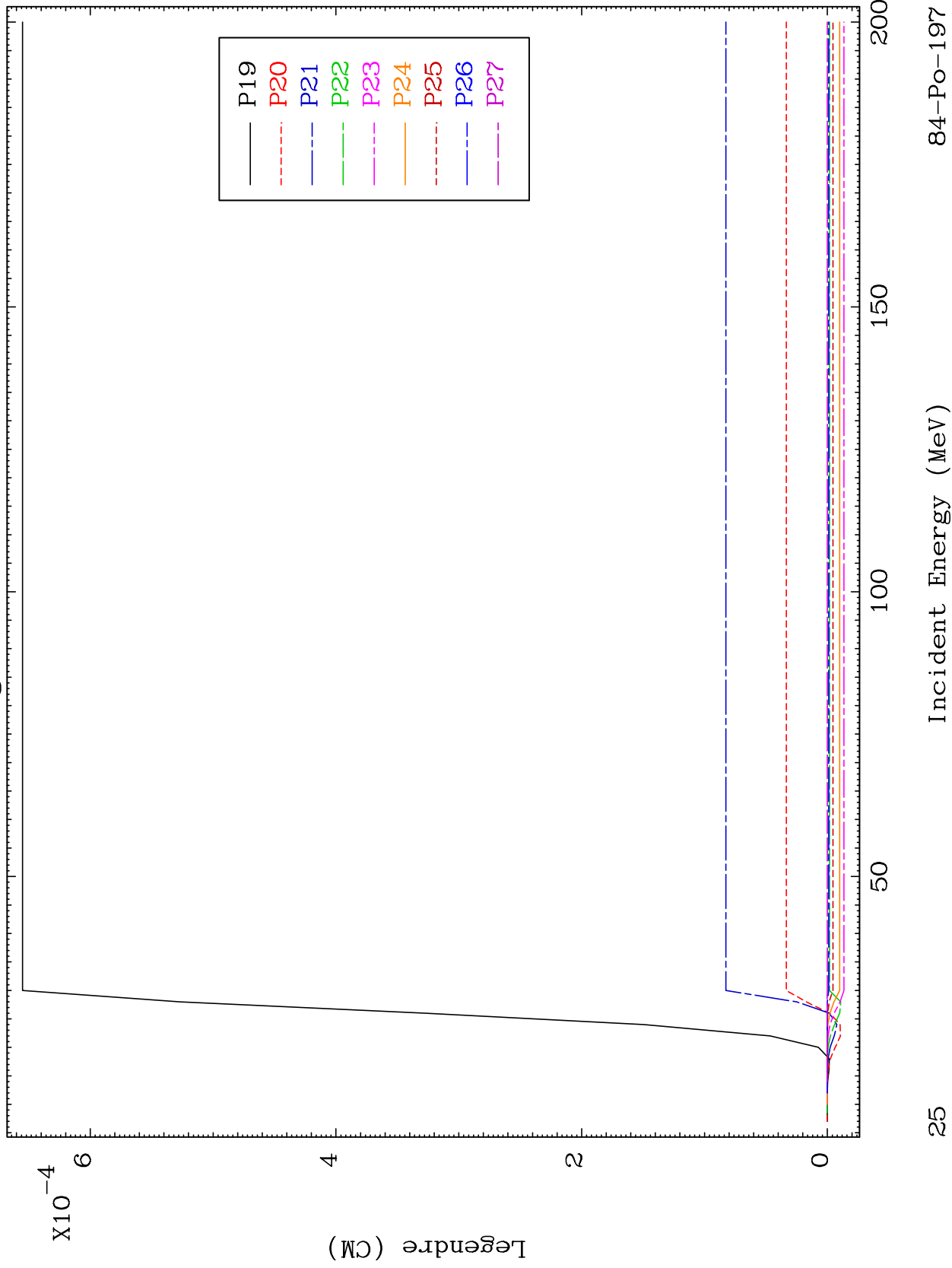
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



25

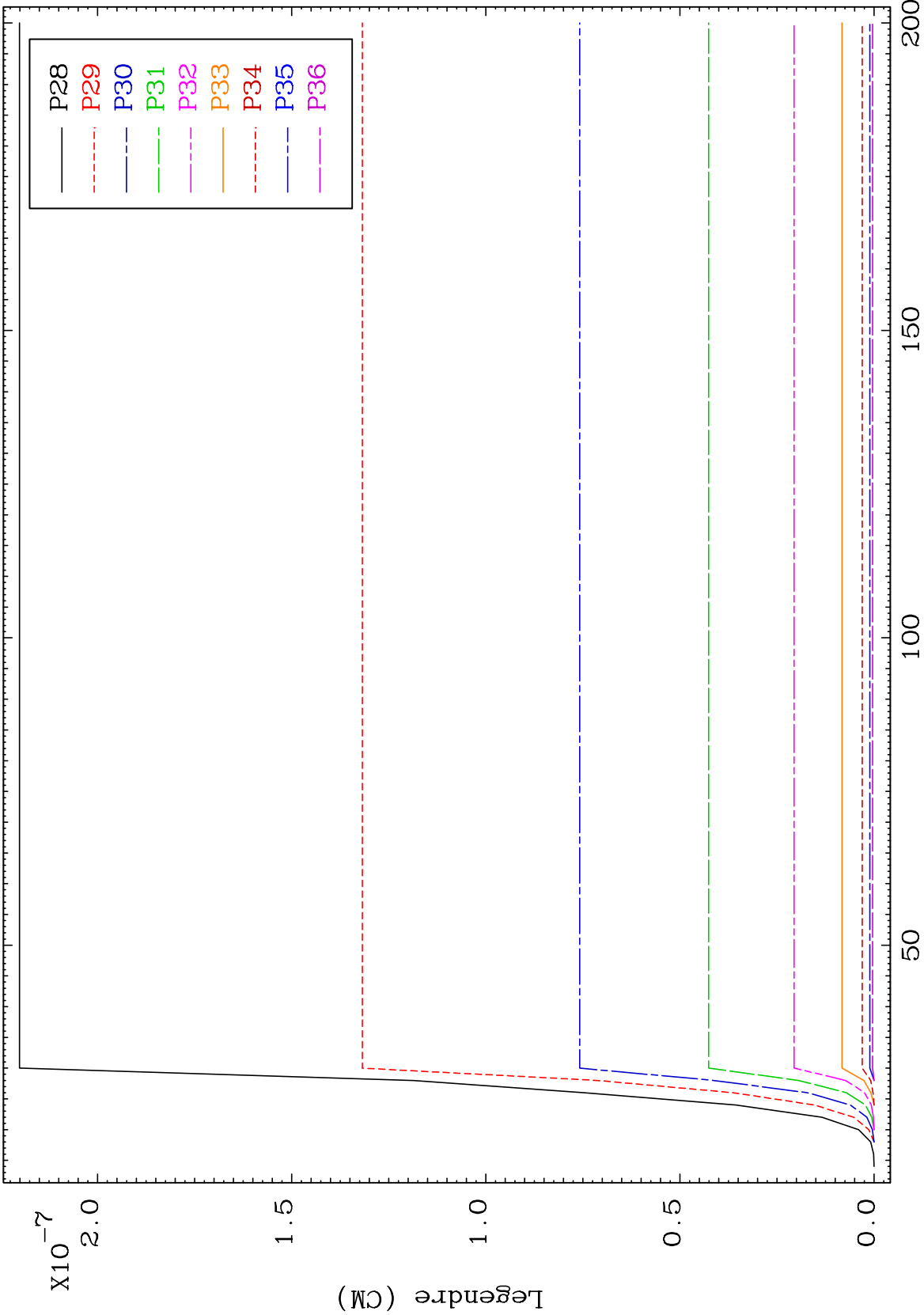
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



26

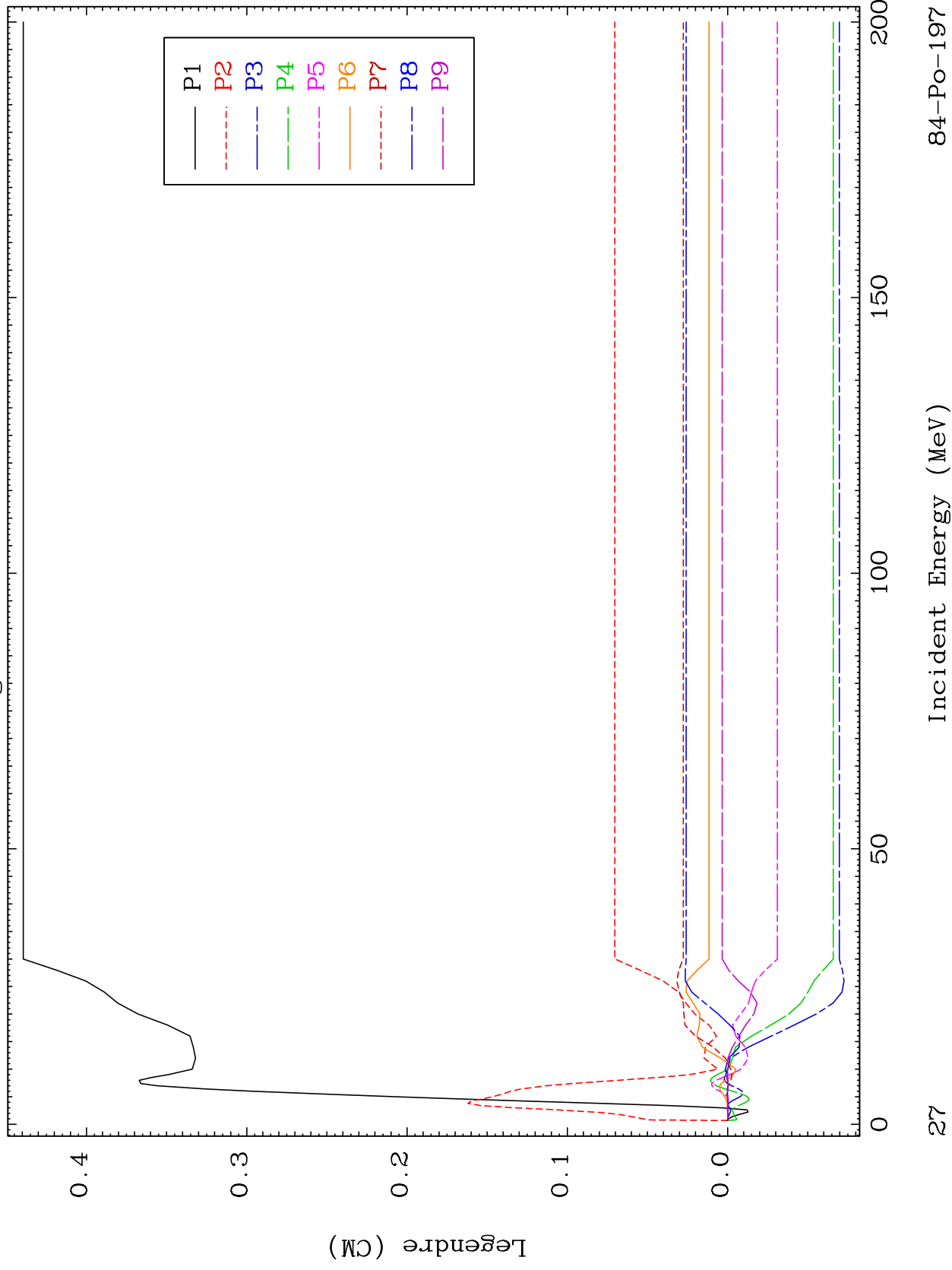
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



27

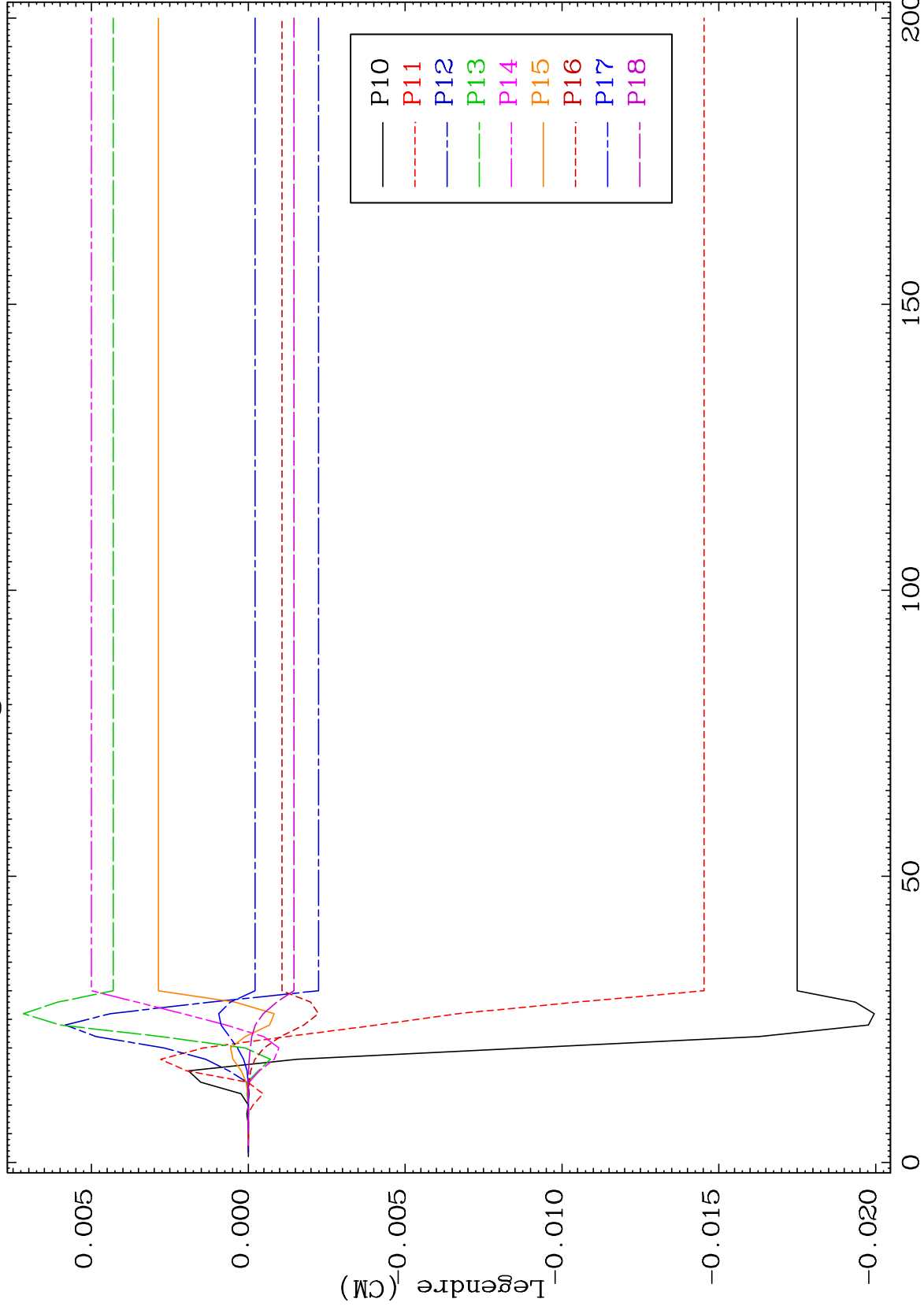
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



28

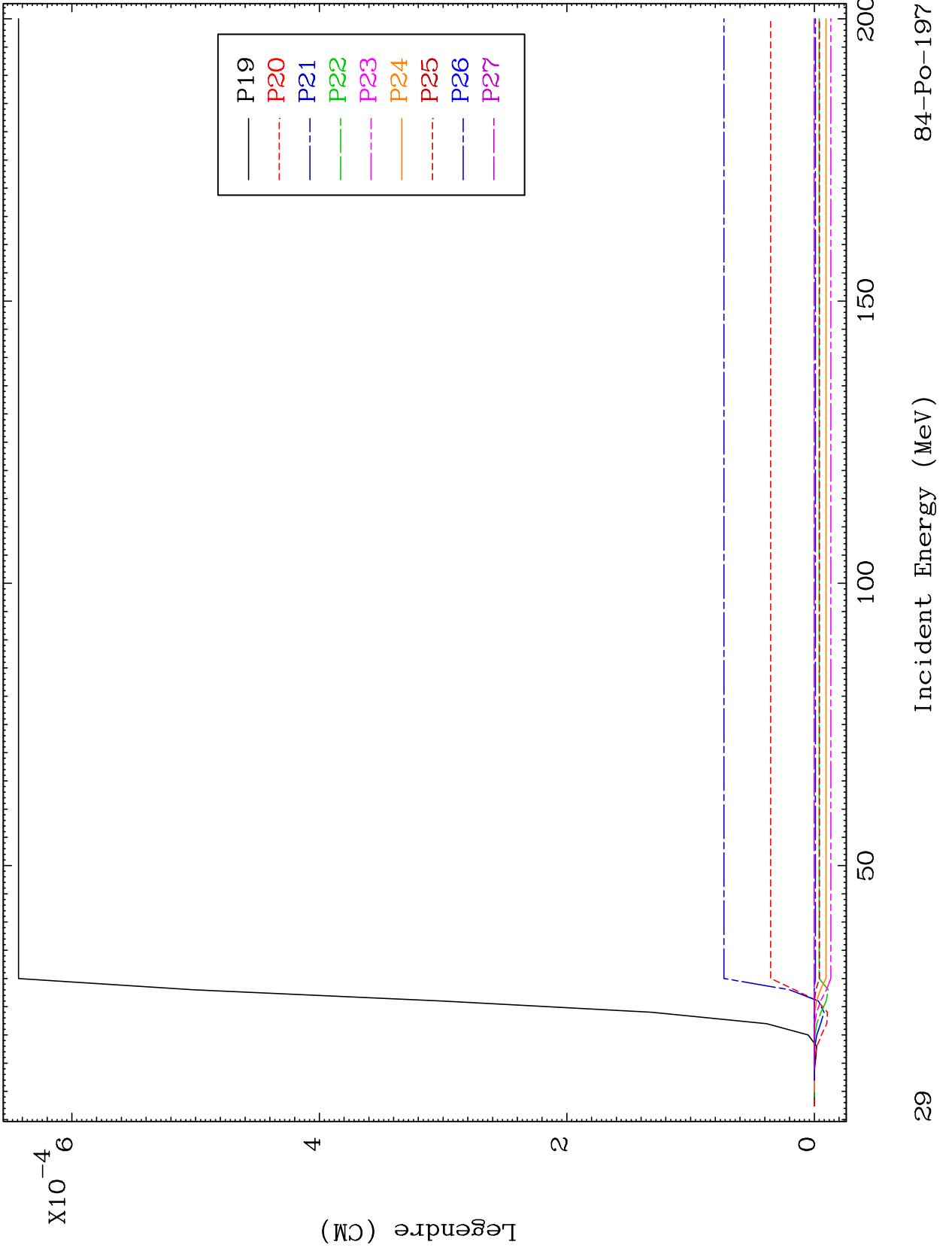
Incident Energy (MeV)

84-Po-197

MAT 8398

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

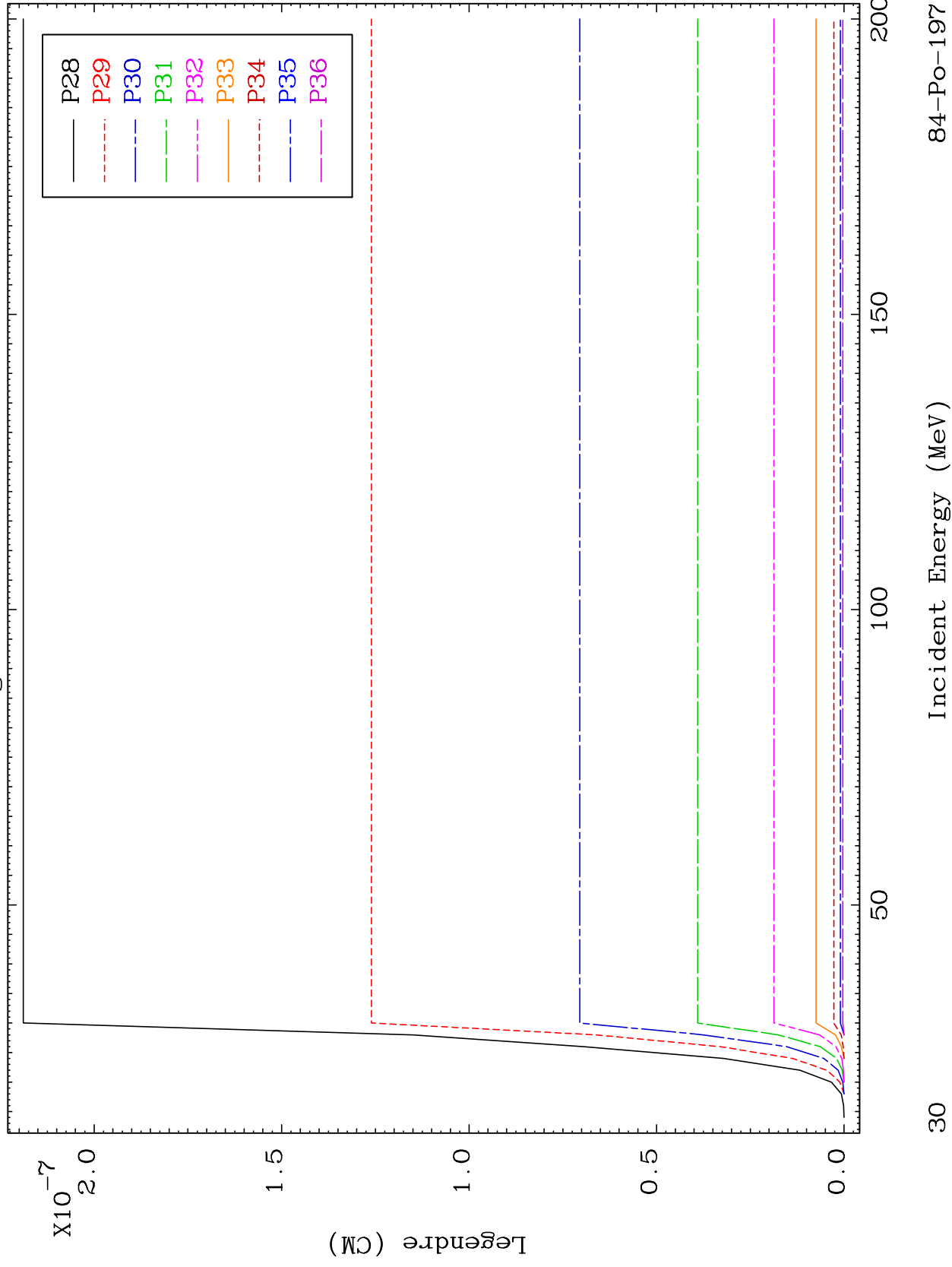
84-Po-197



MAT 8398

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

84-Po-197



84-Po-197

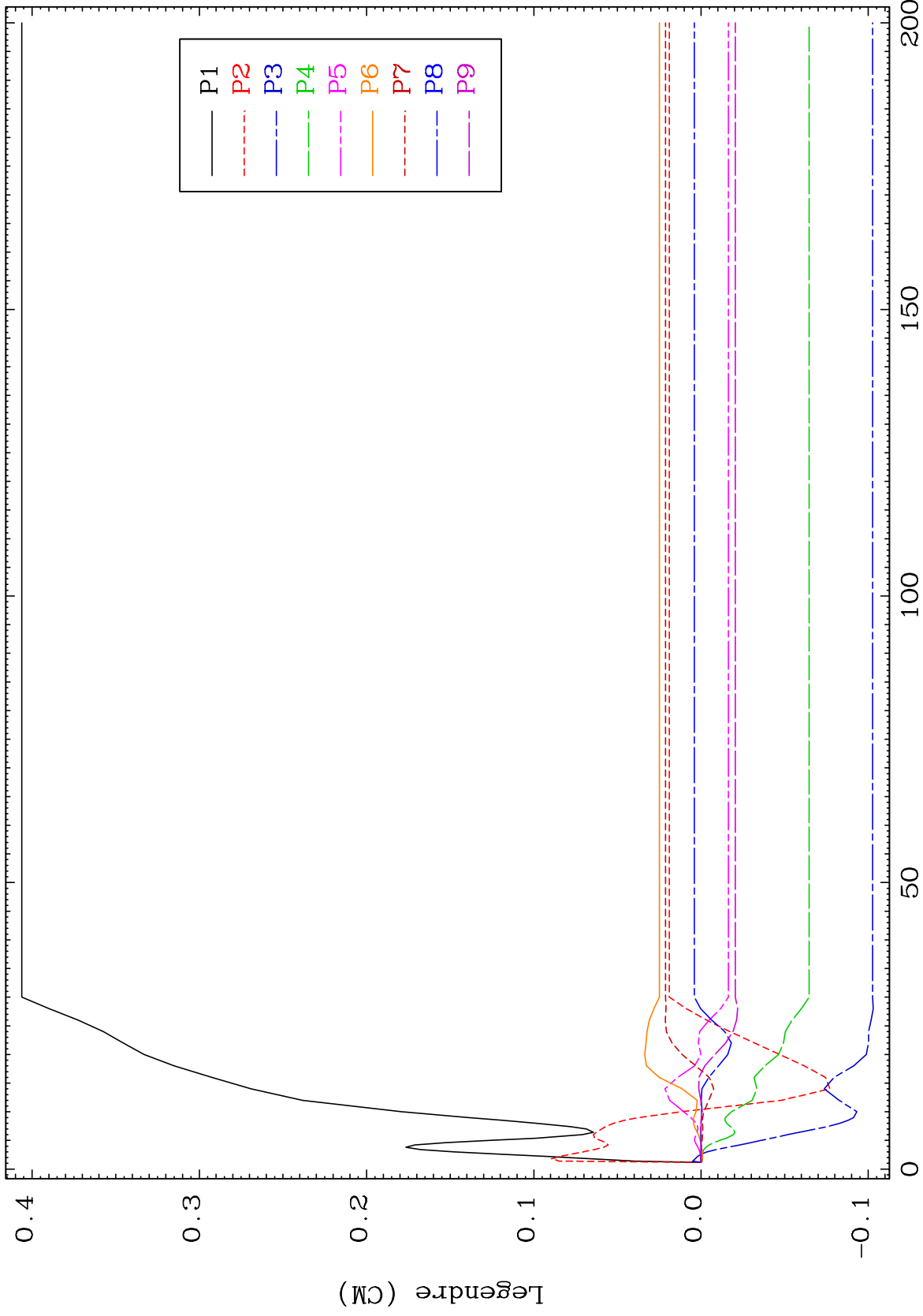
Incident Energy (MeV)

30

MAT 8398

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

84-Po-197



31

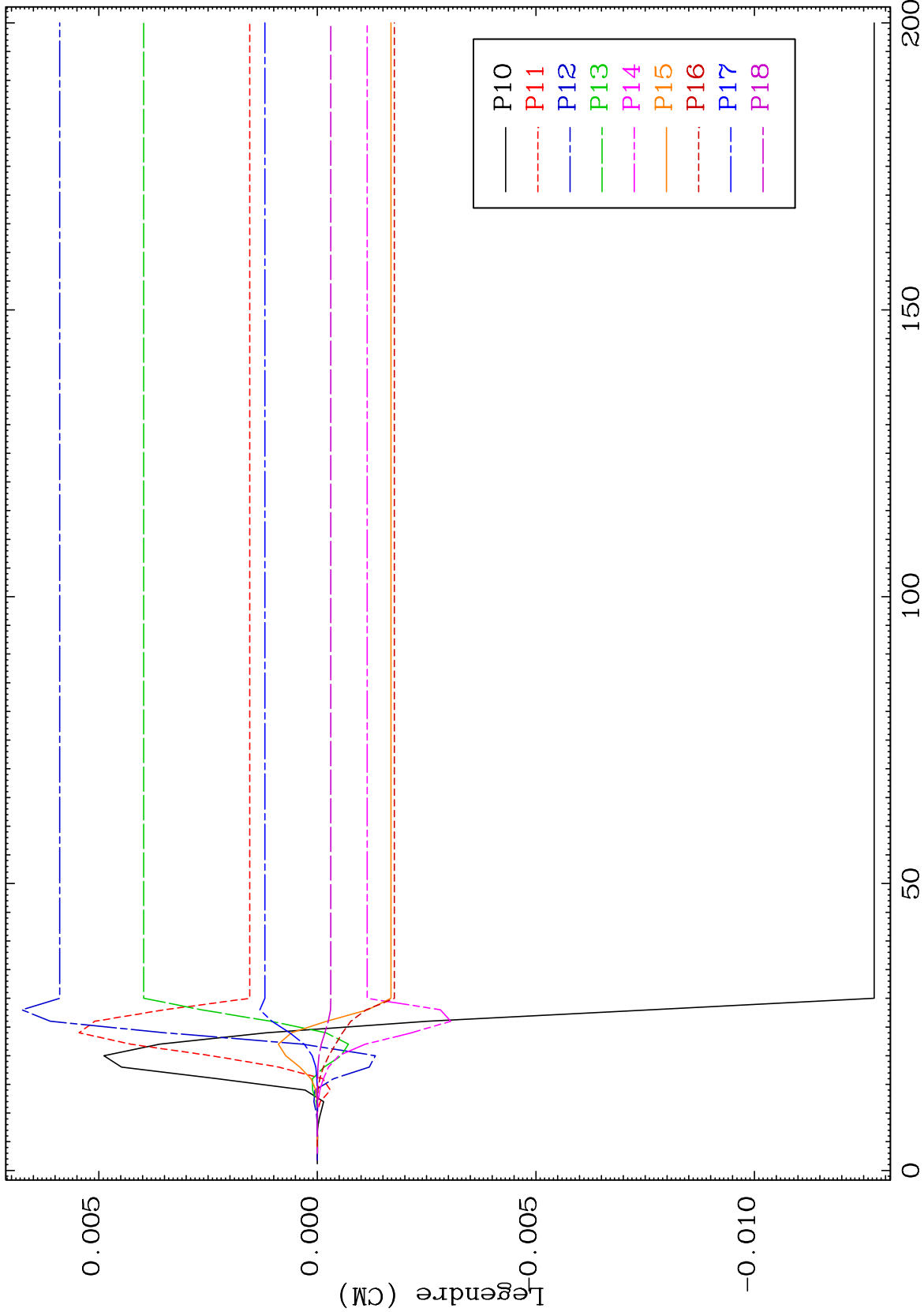
Incident Energy (MeV)

84-Po-197

MAT 8398

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

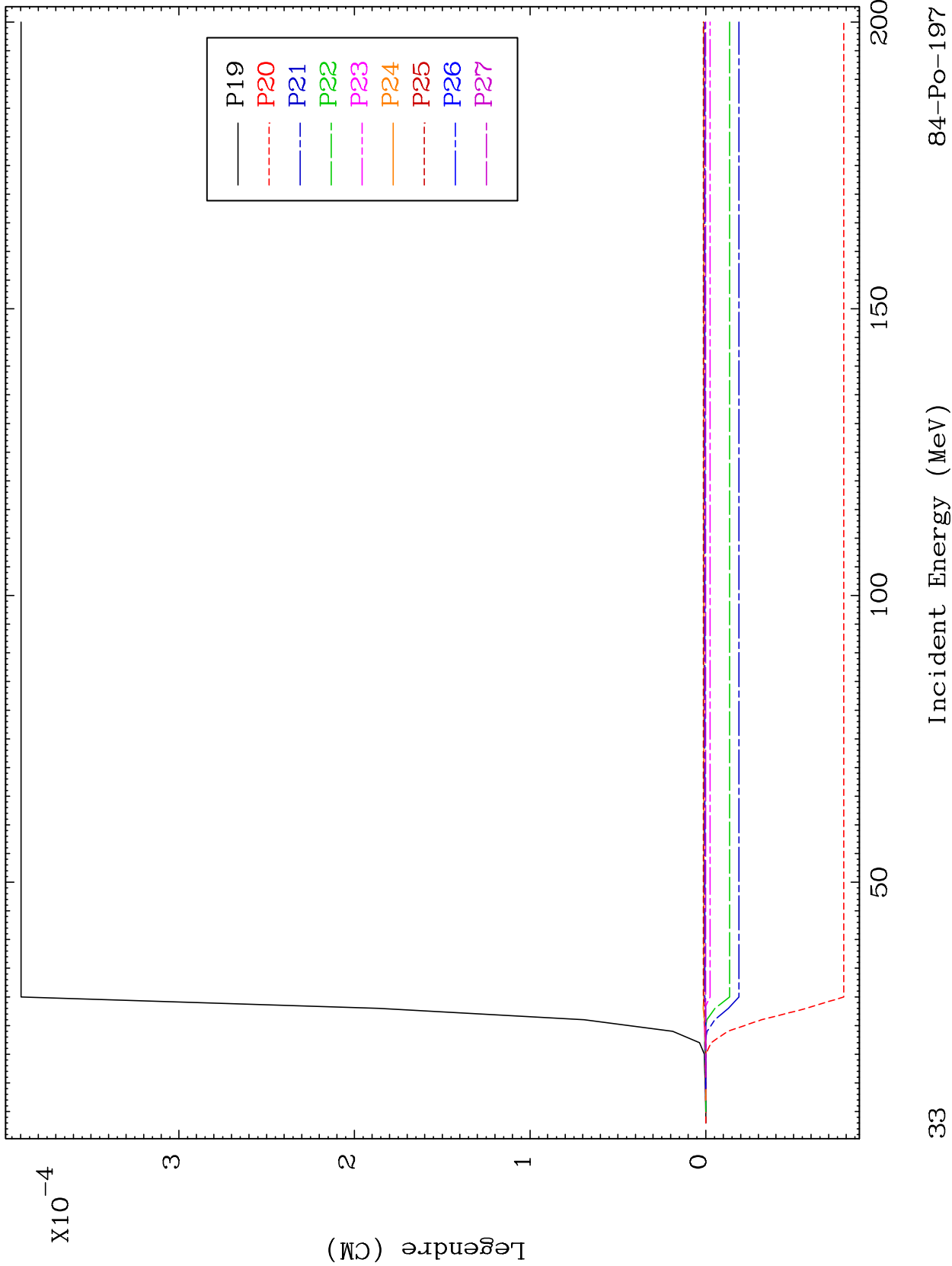
84-Po-197



32

Incident Energy (MeV)

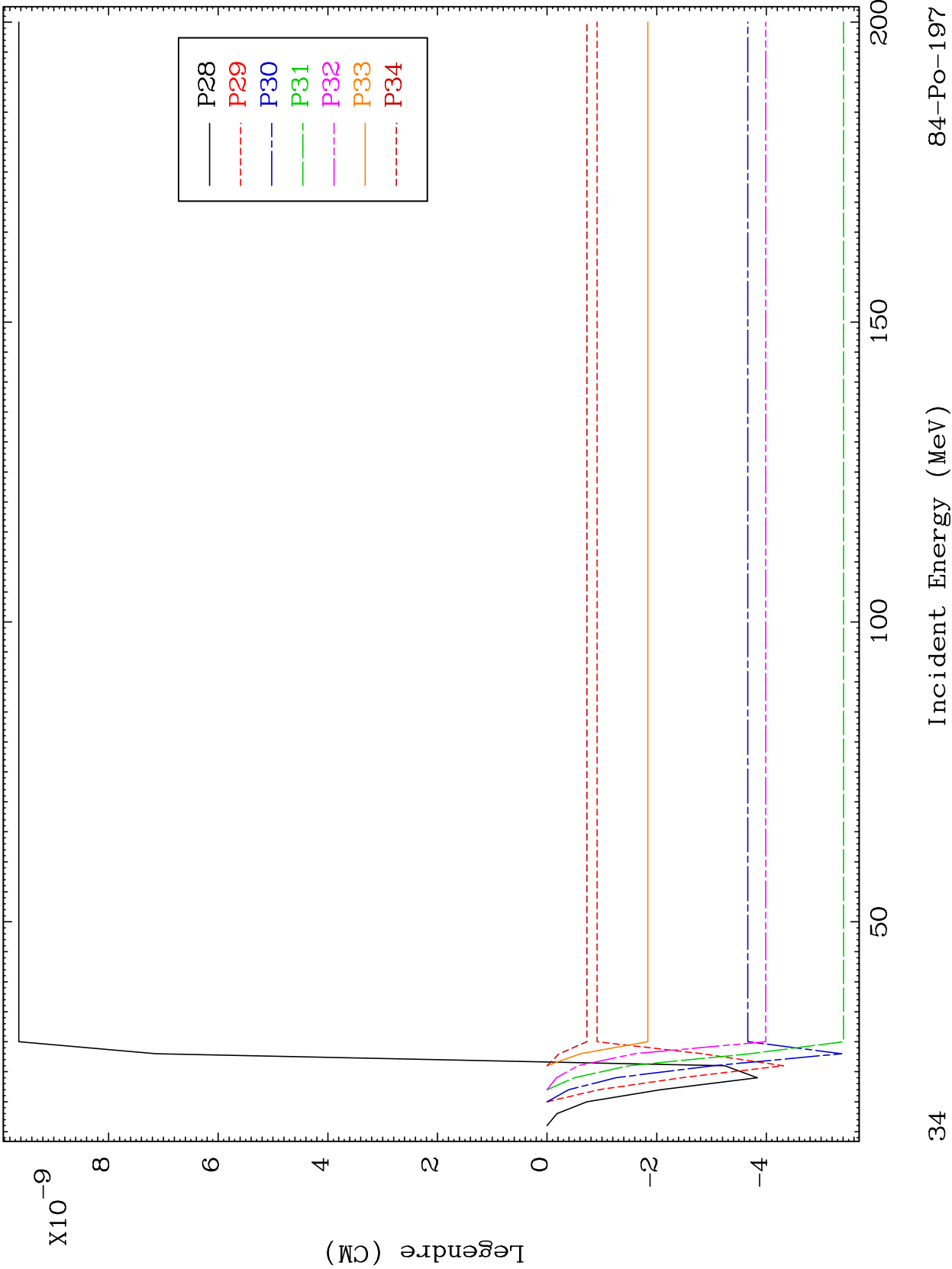
84-Po-197



MAT 8398

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

84-Po-197



34

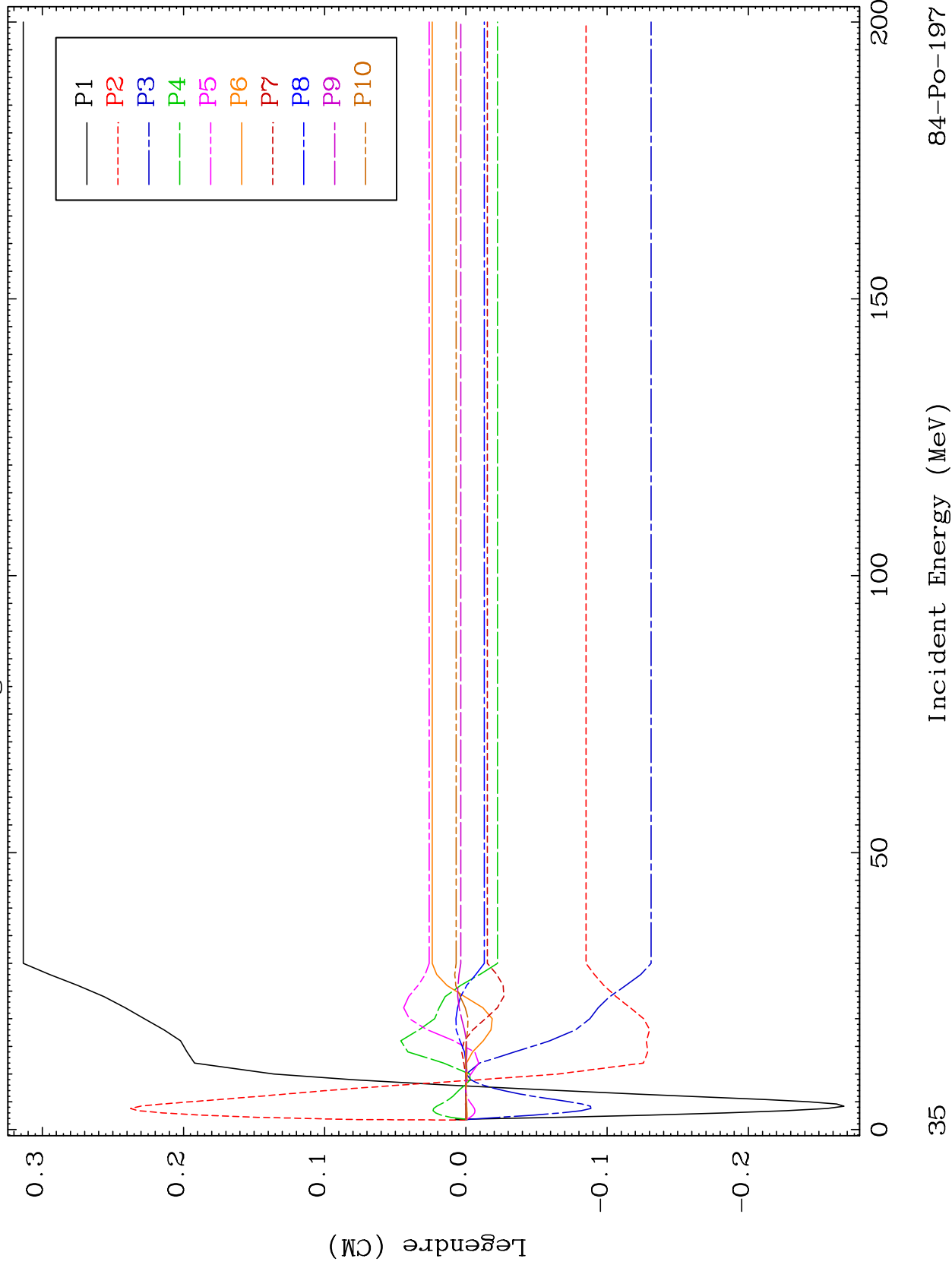
Incident Energy (MeV)

84-Po-197

MAT 8398

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

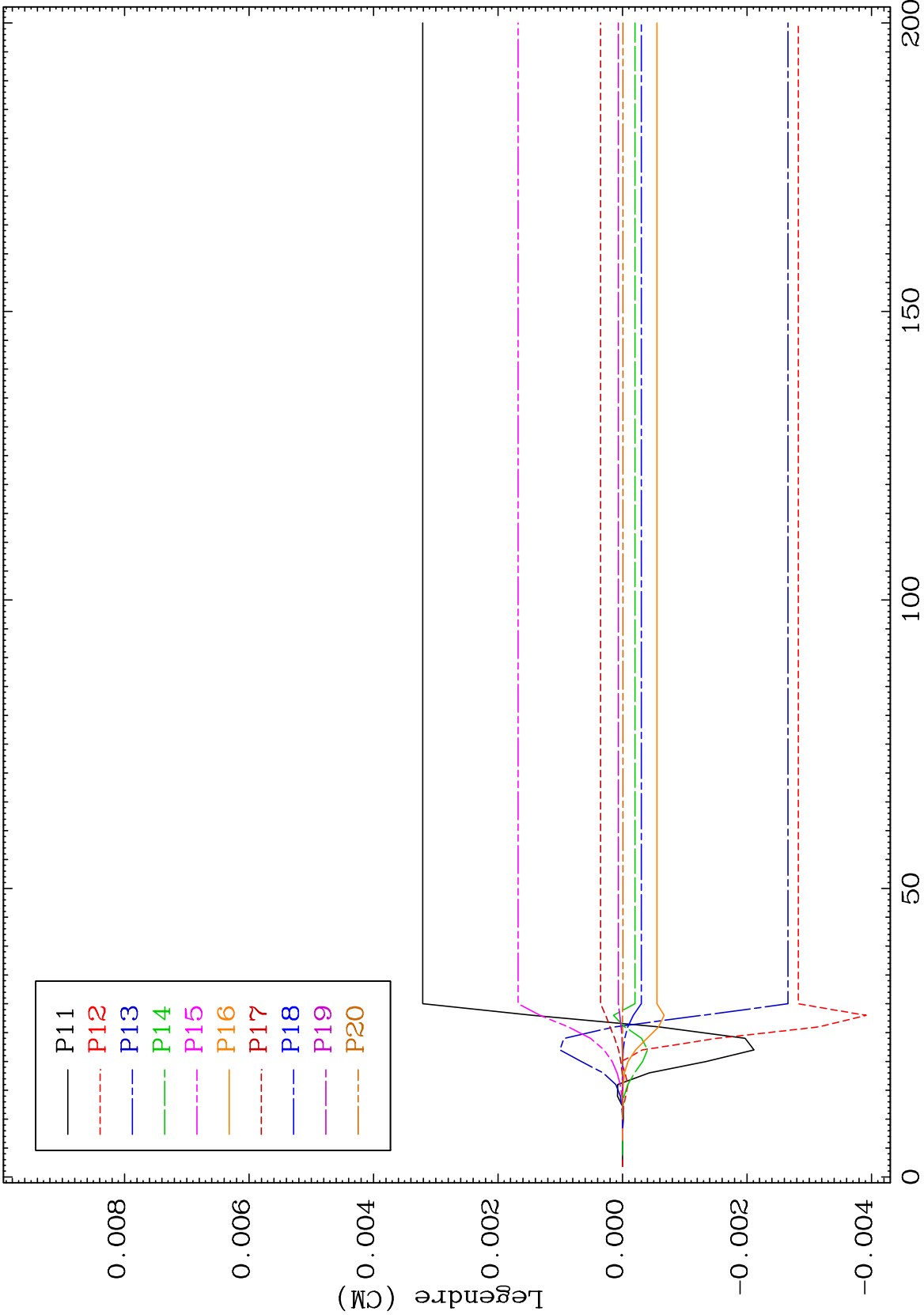
84-Po-197



MAT 8398

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

84-Po-197



36

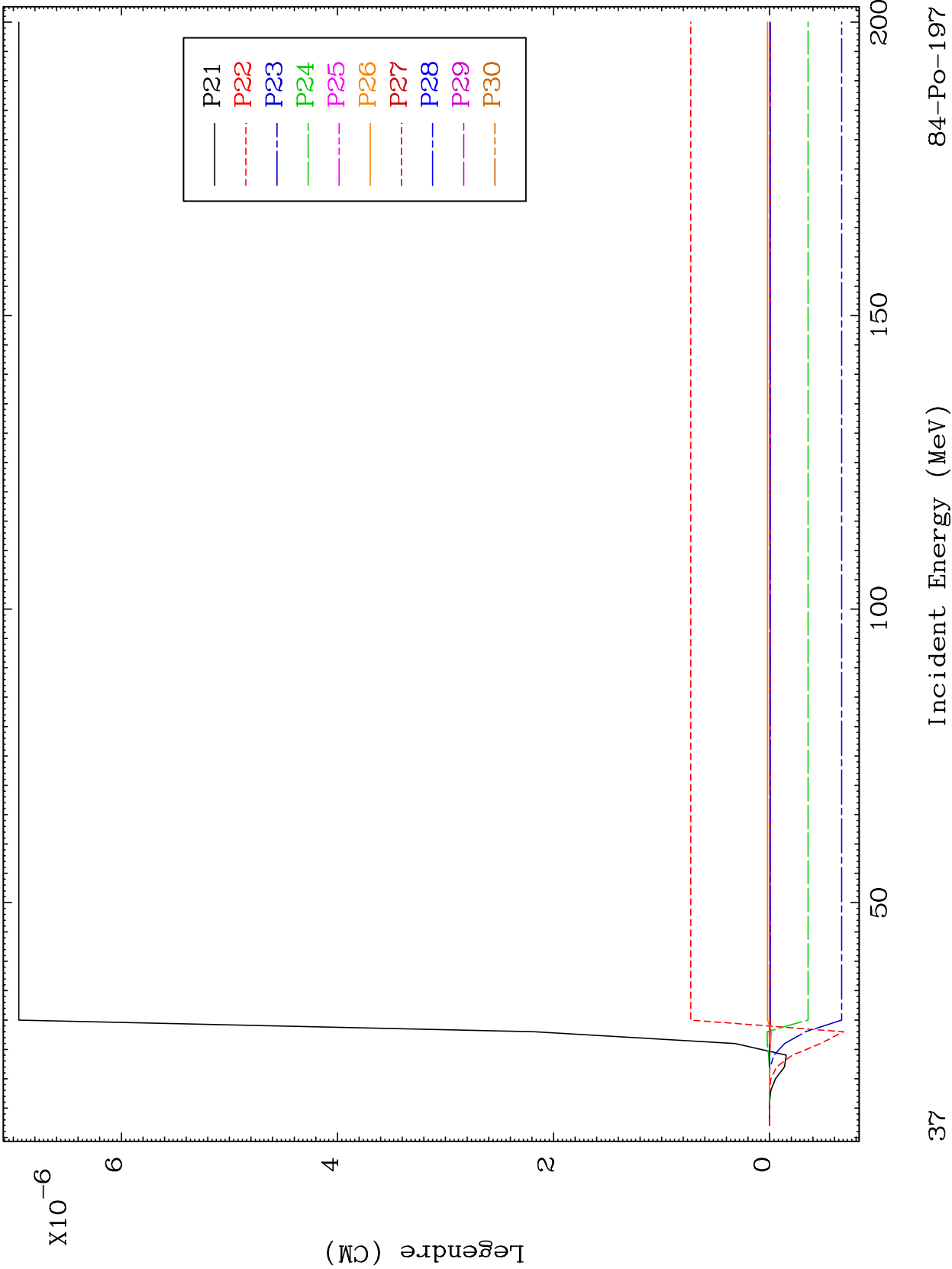
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



37

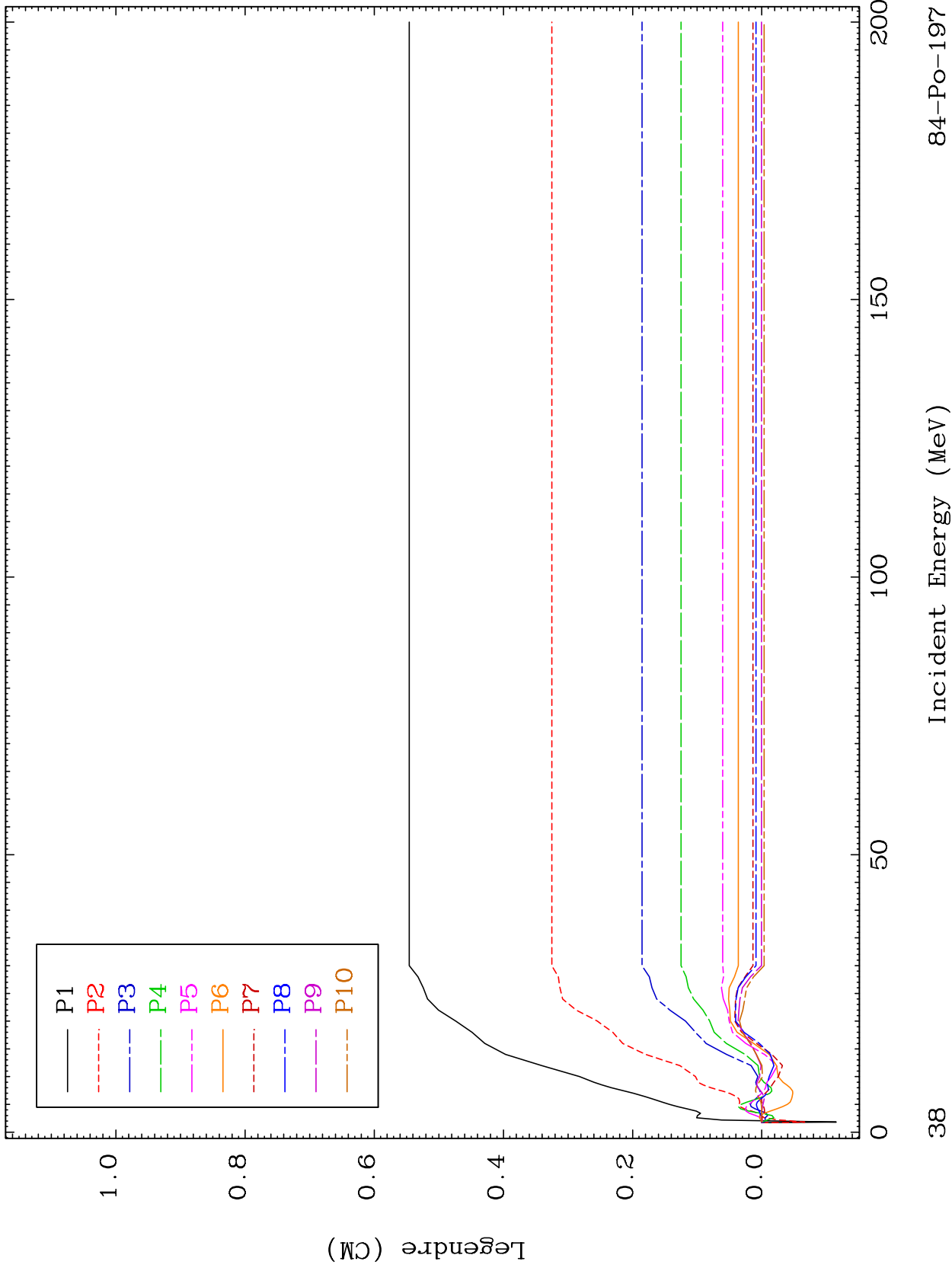
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



38

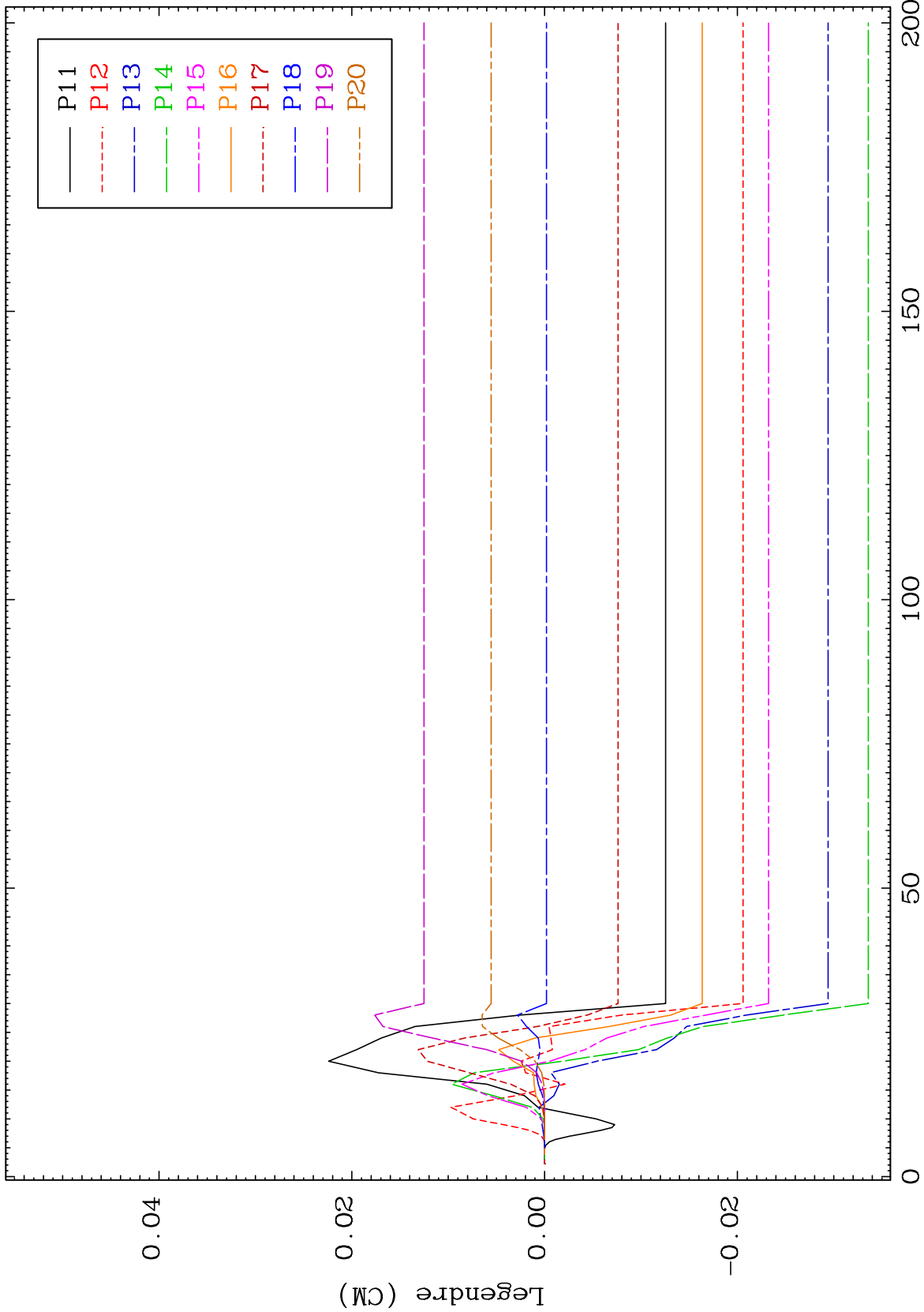
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



39

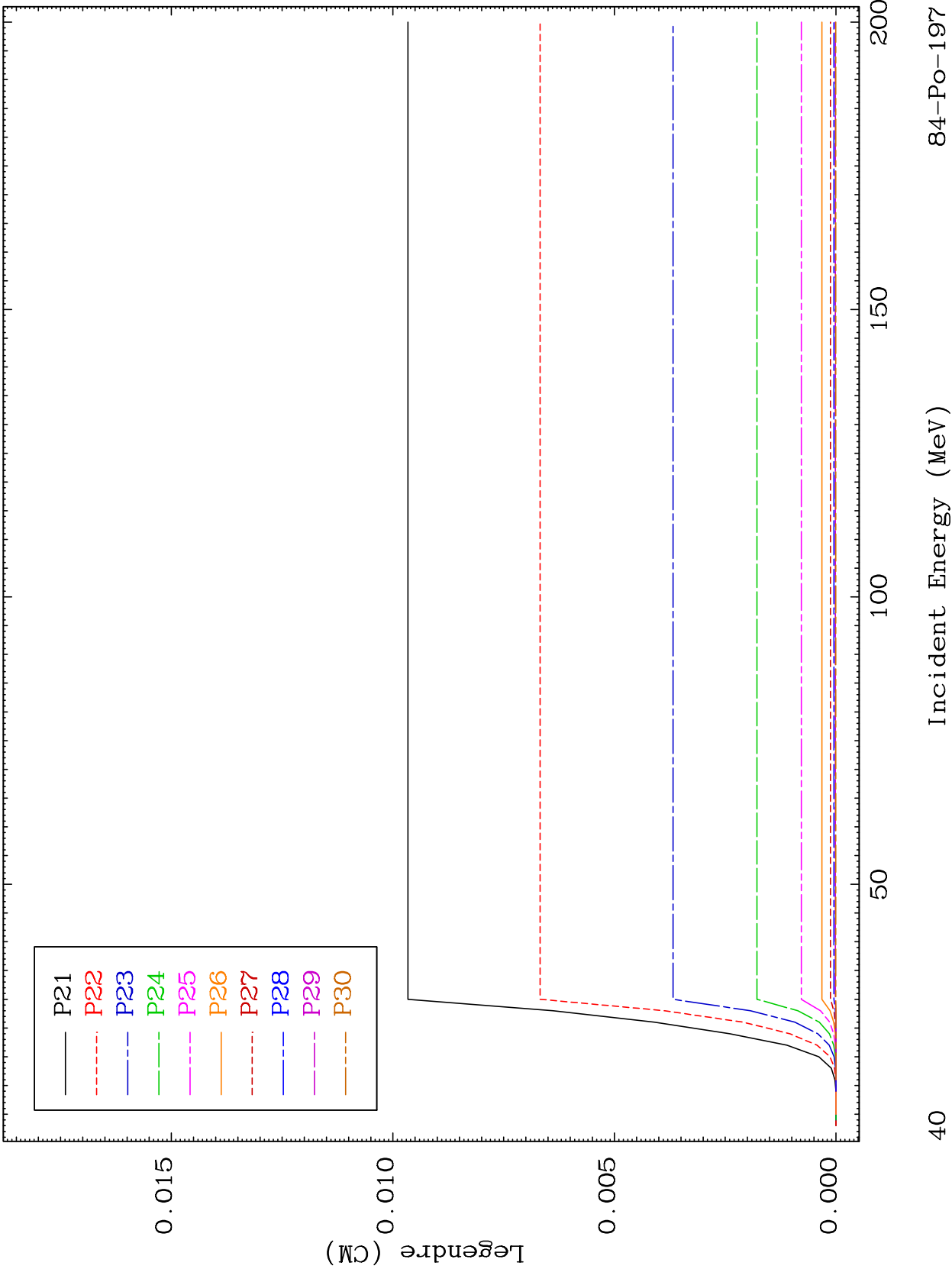
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



84-Po-197

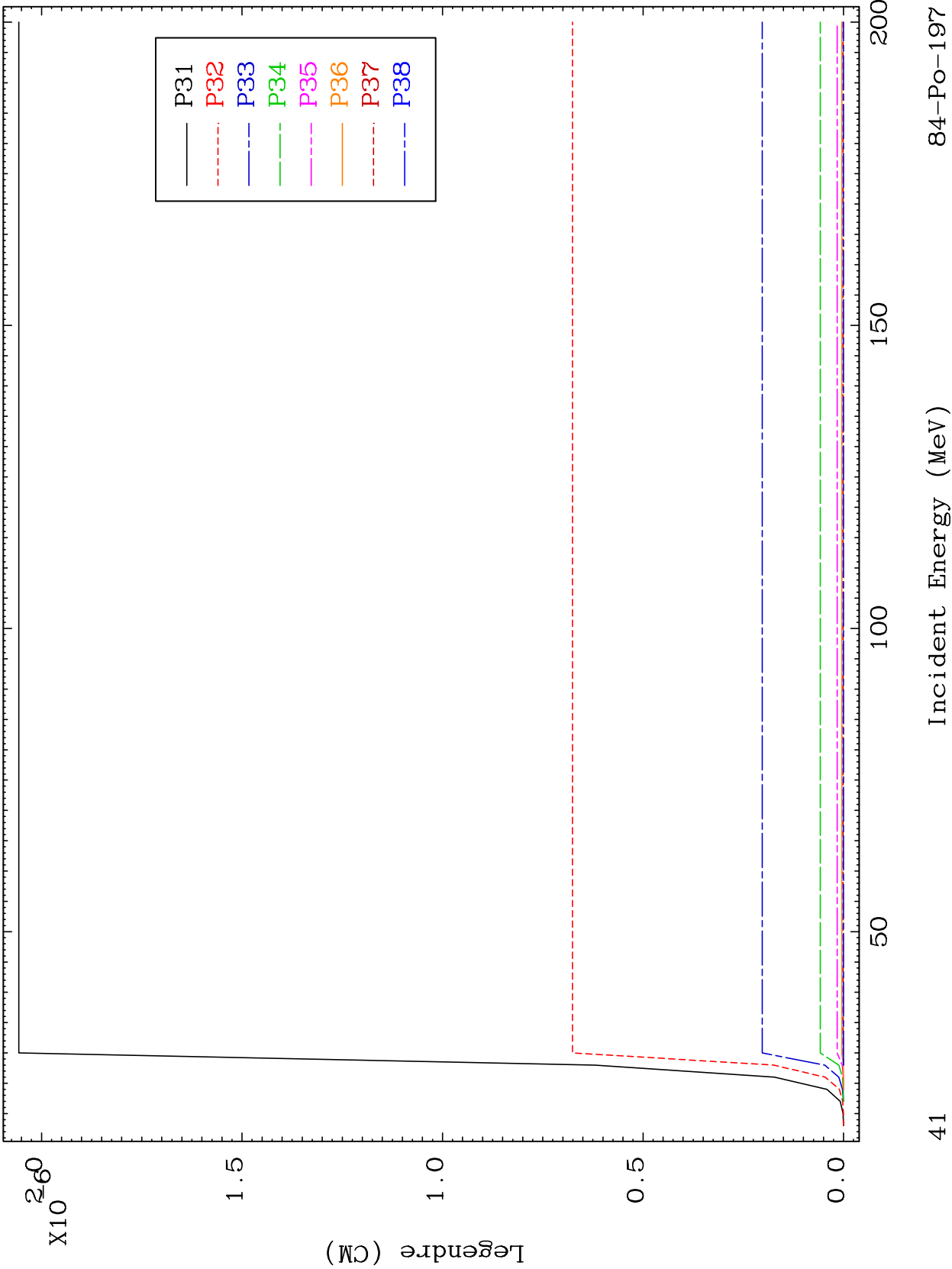
Incident Energy (MeV)

40

MAT 8398

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

84-Po-197



41

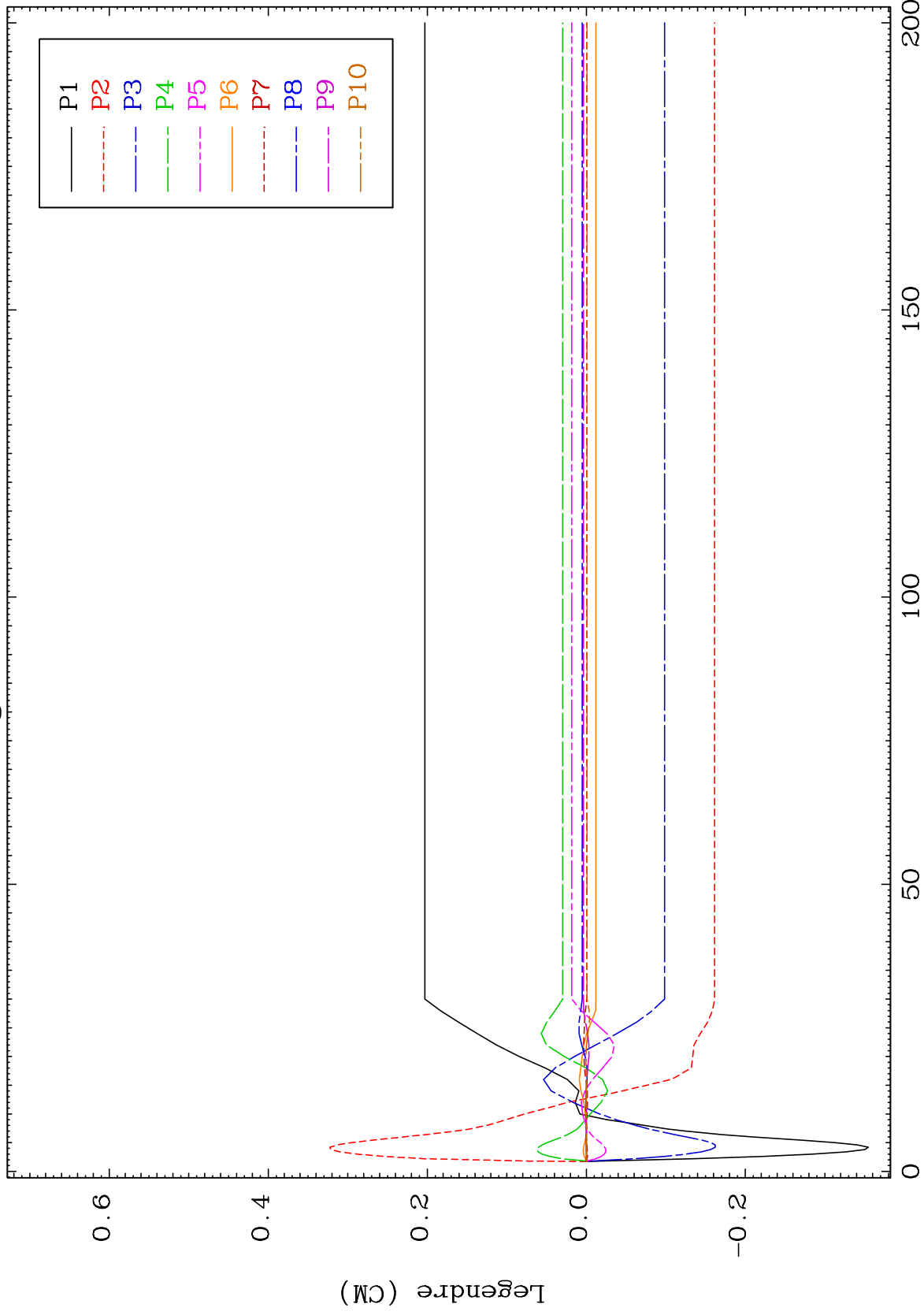
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



42

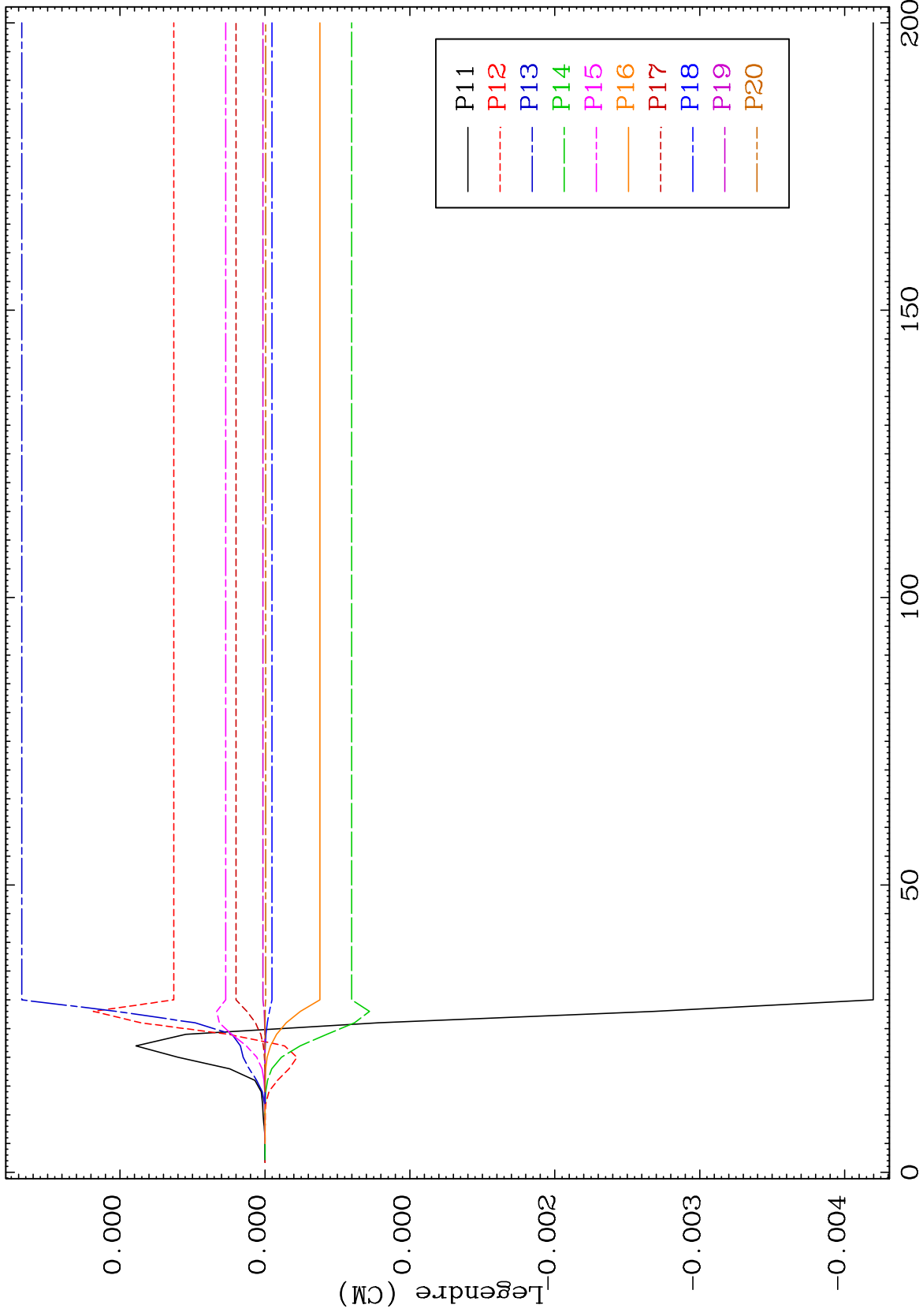
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



43

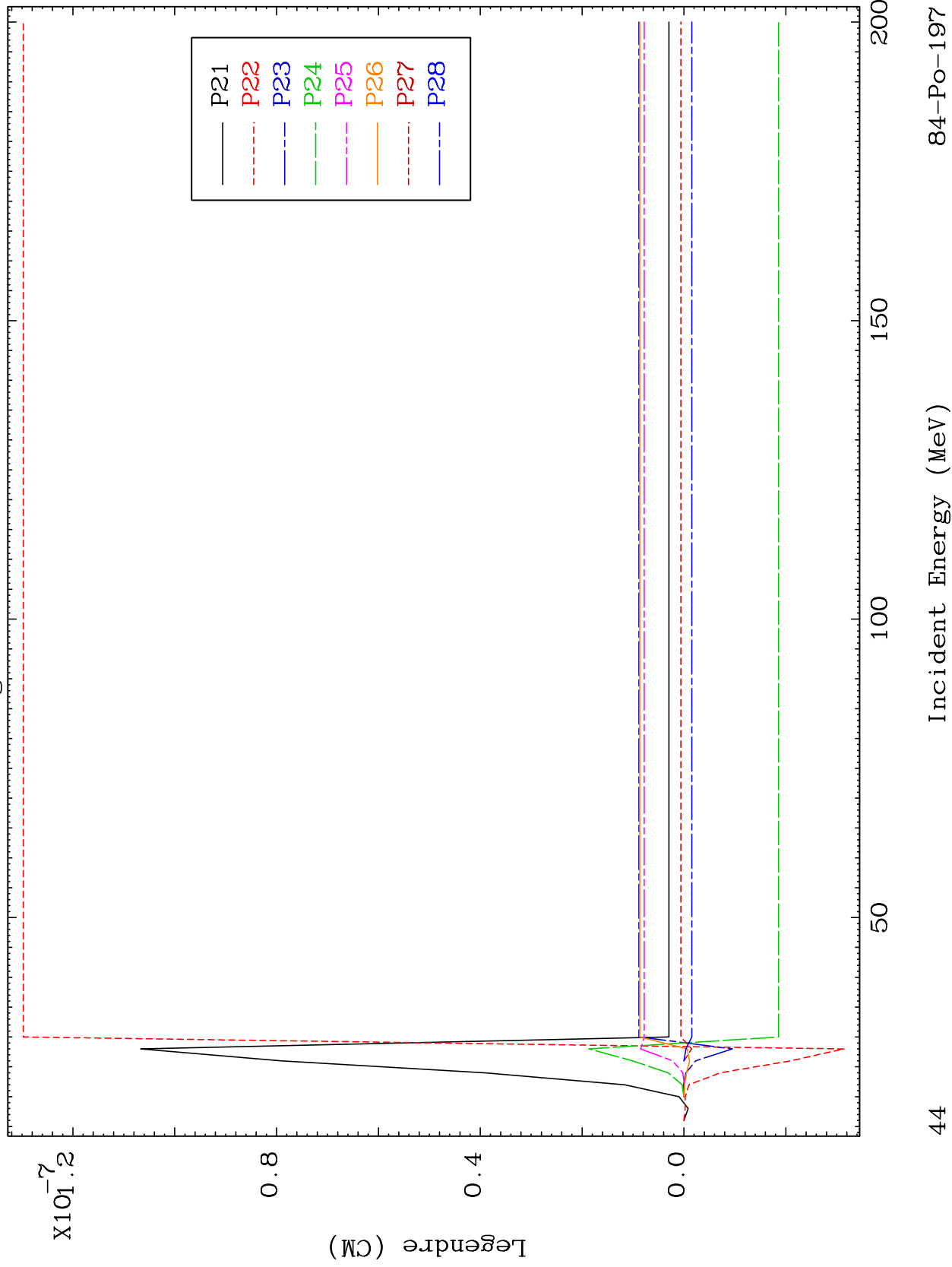
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



44

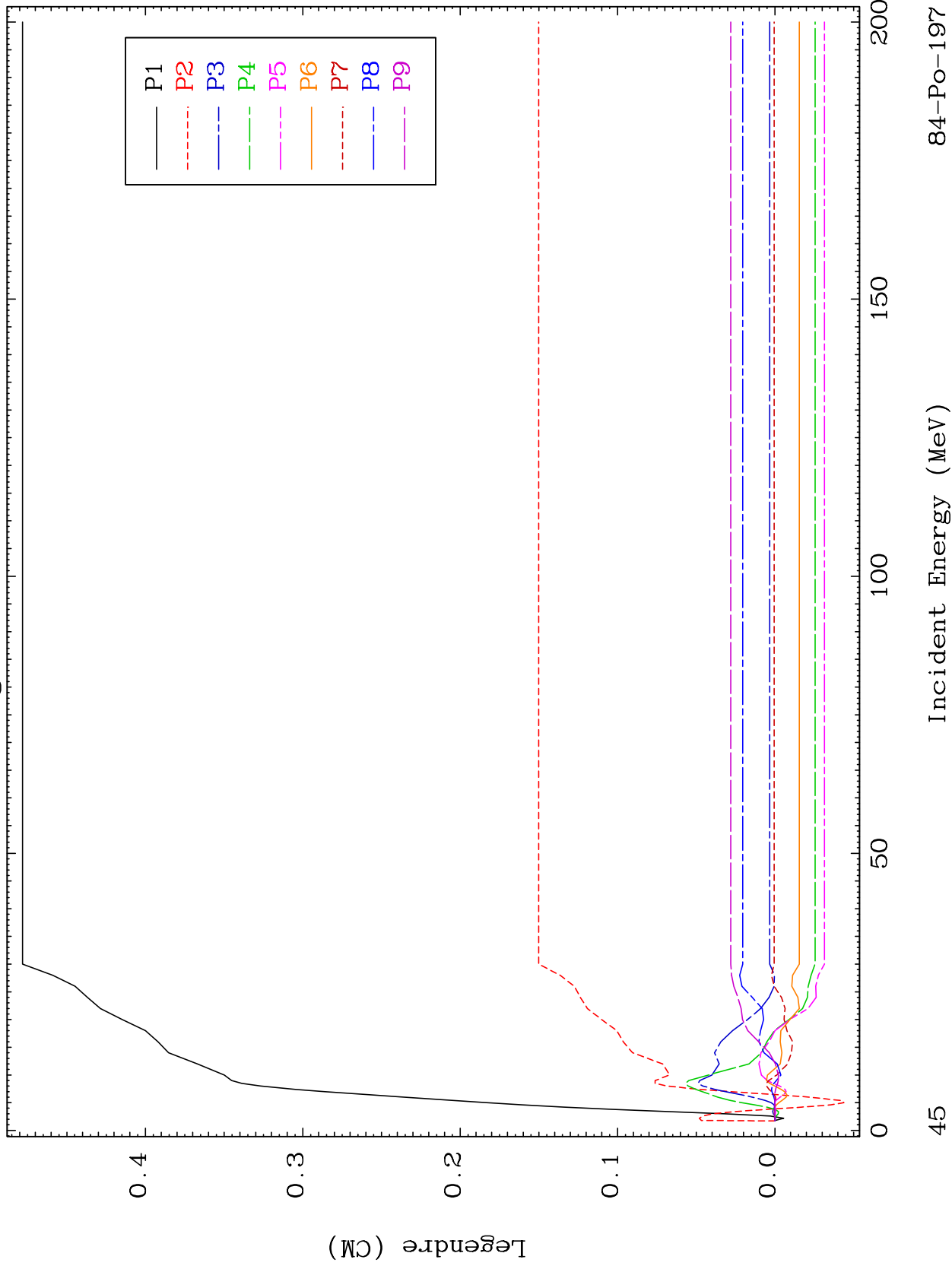
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



84-Po-197

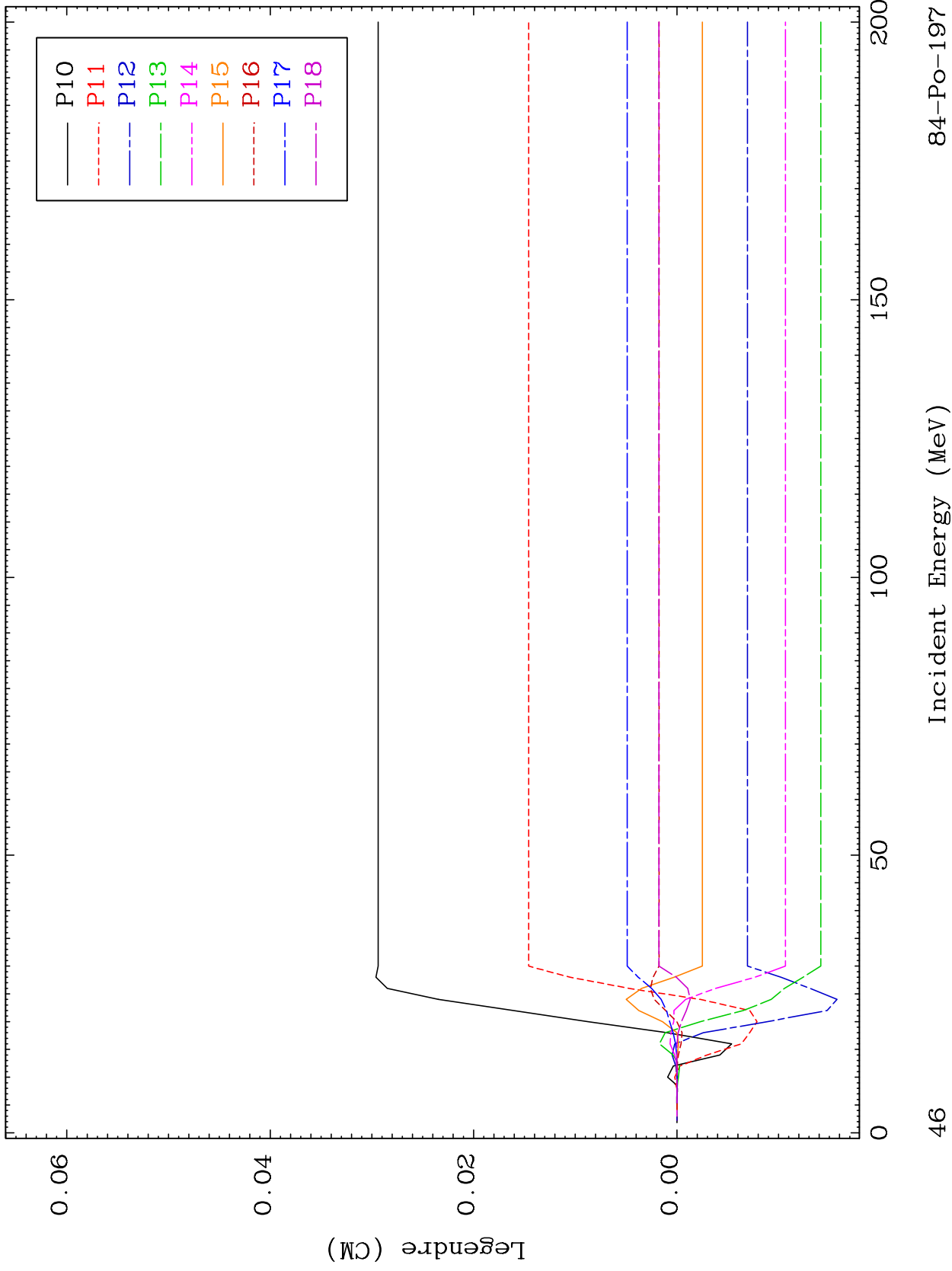
Incident Energy (MeV)

45

MAT 8398

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

84-Po-197



46

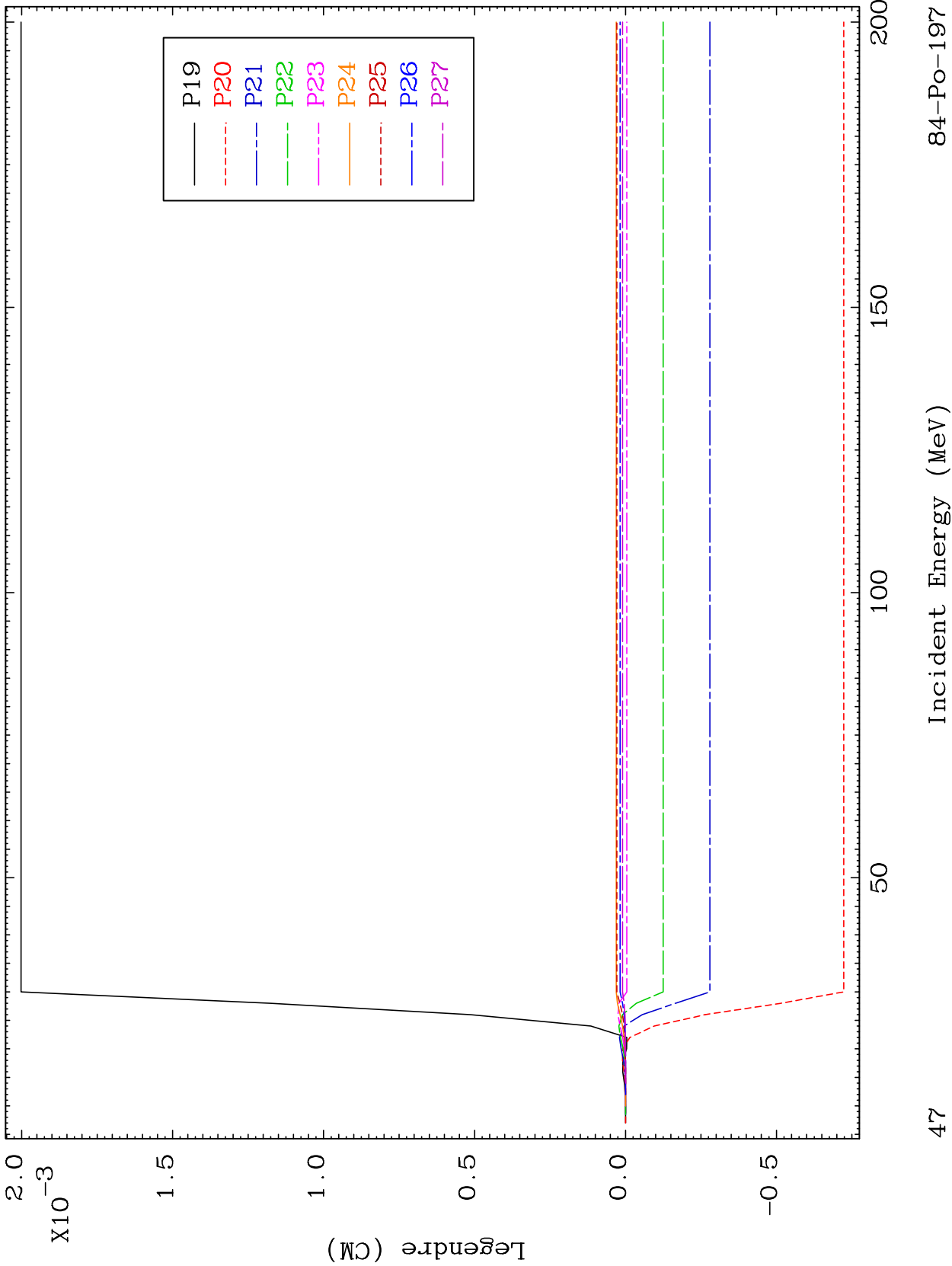
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



47

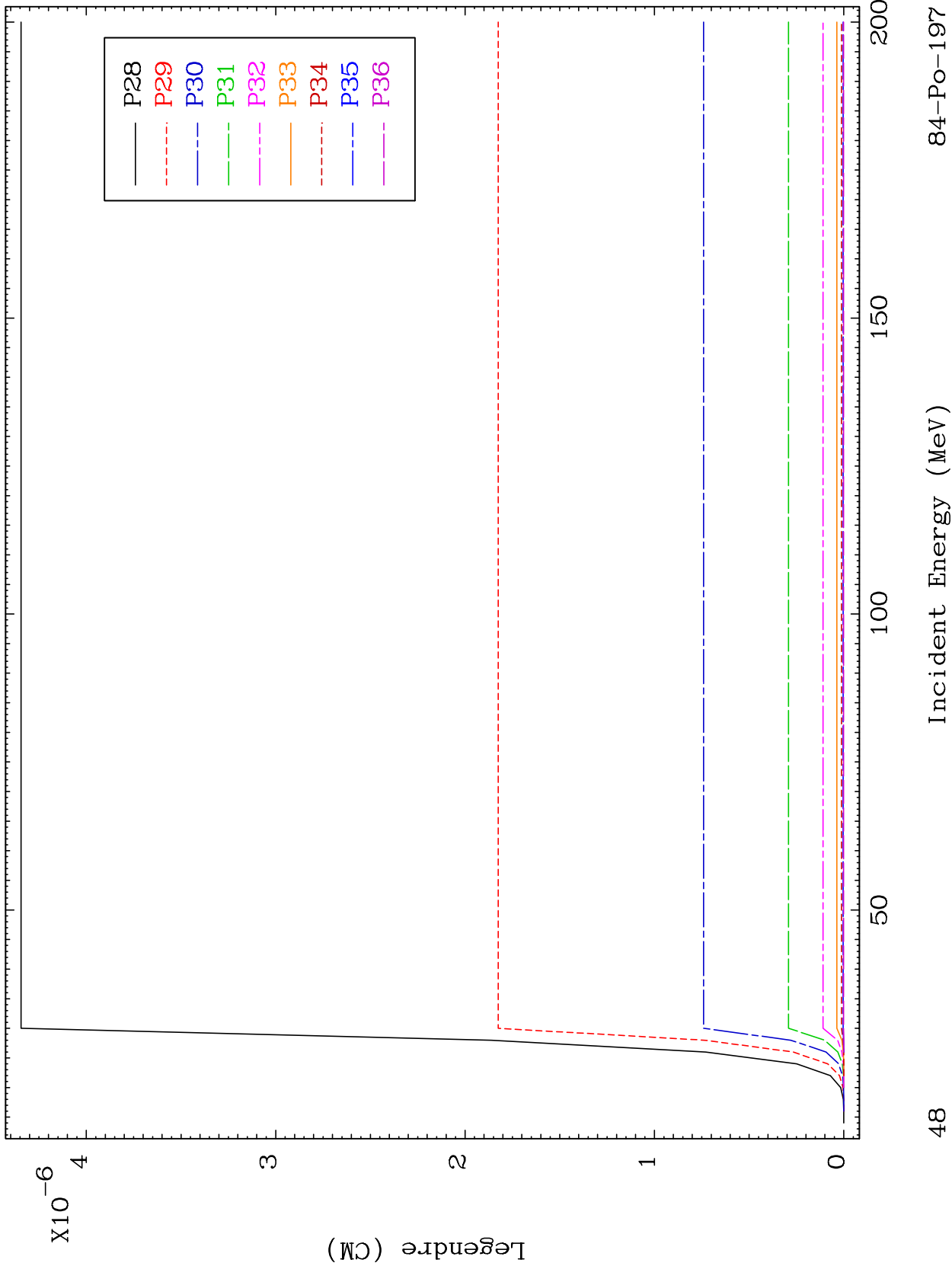
Incident Energy (MeV)

84-Po-197

MAT 8398

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

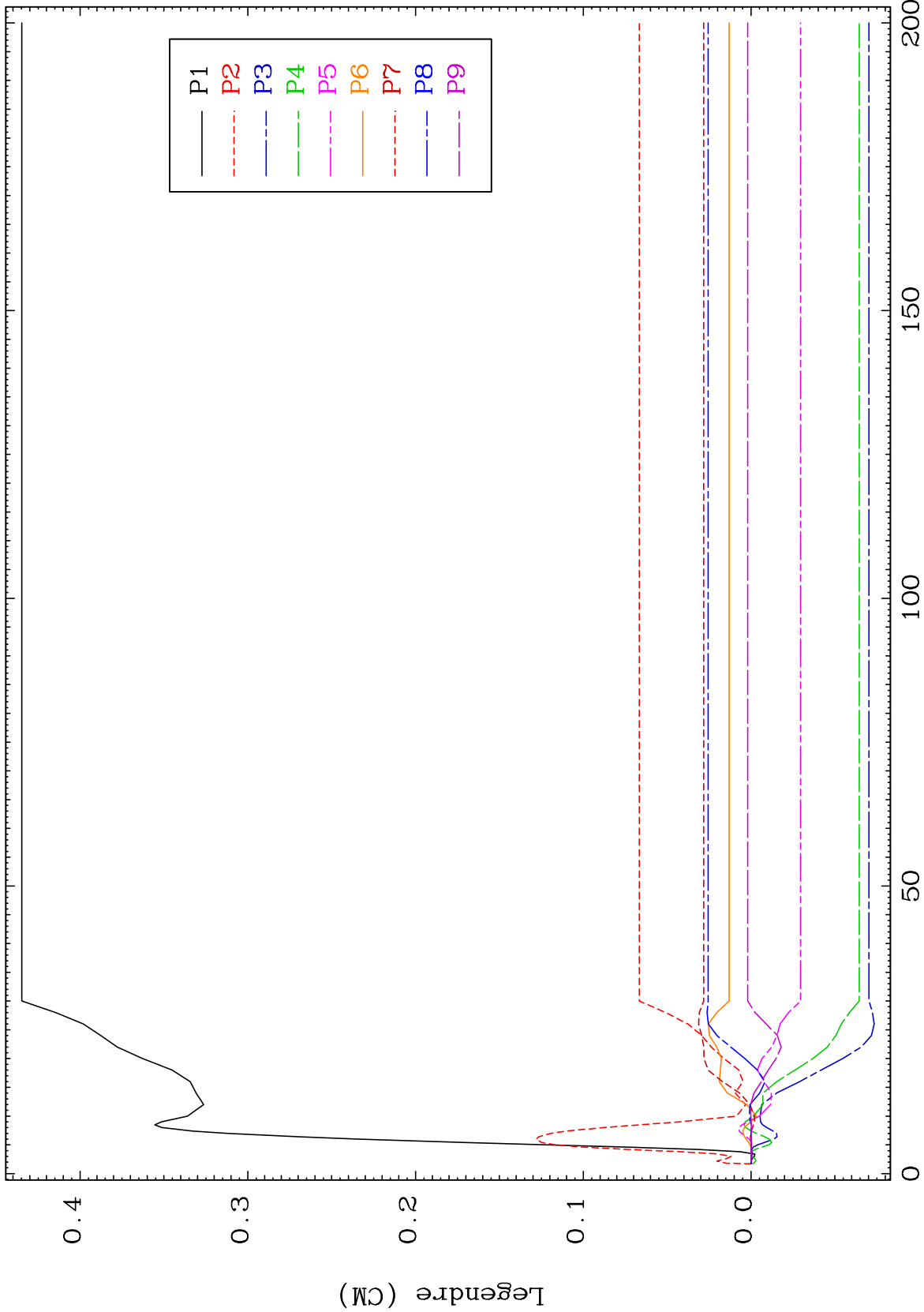
84-Po-197



MAT 8398

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

84-Po-197



49

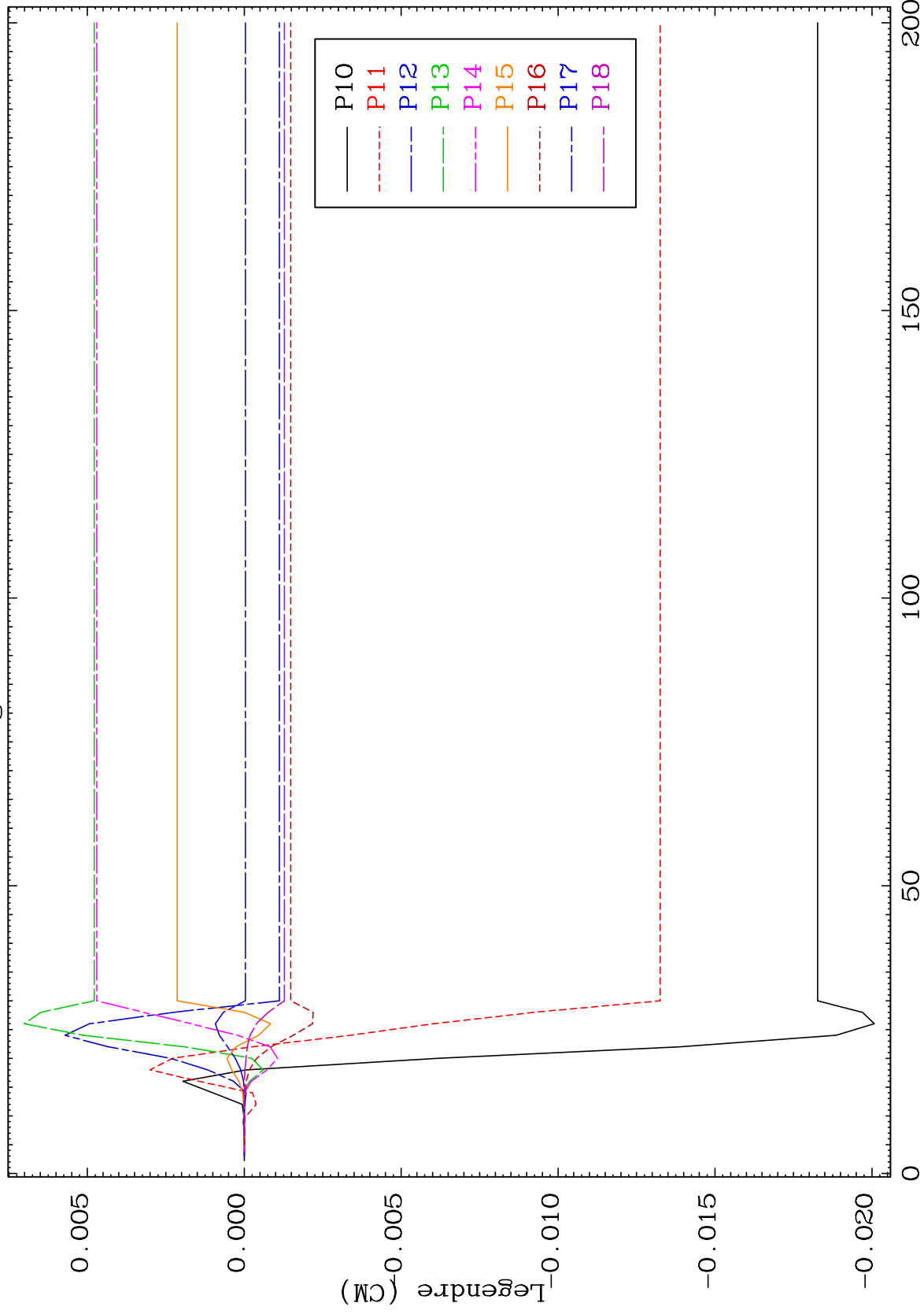
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



84-Po-197

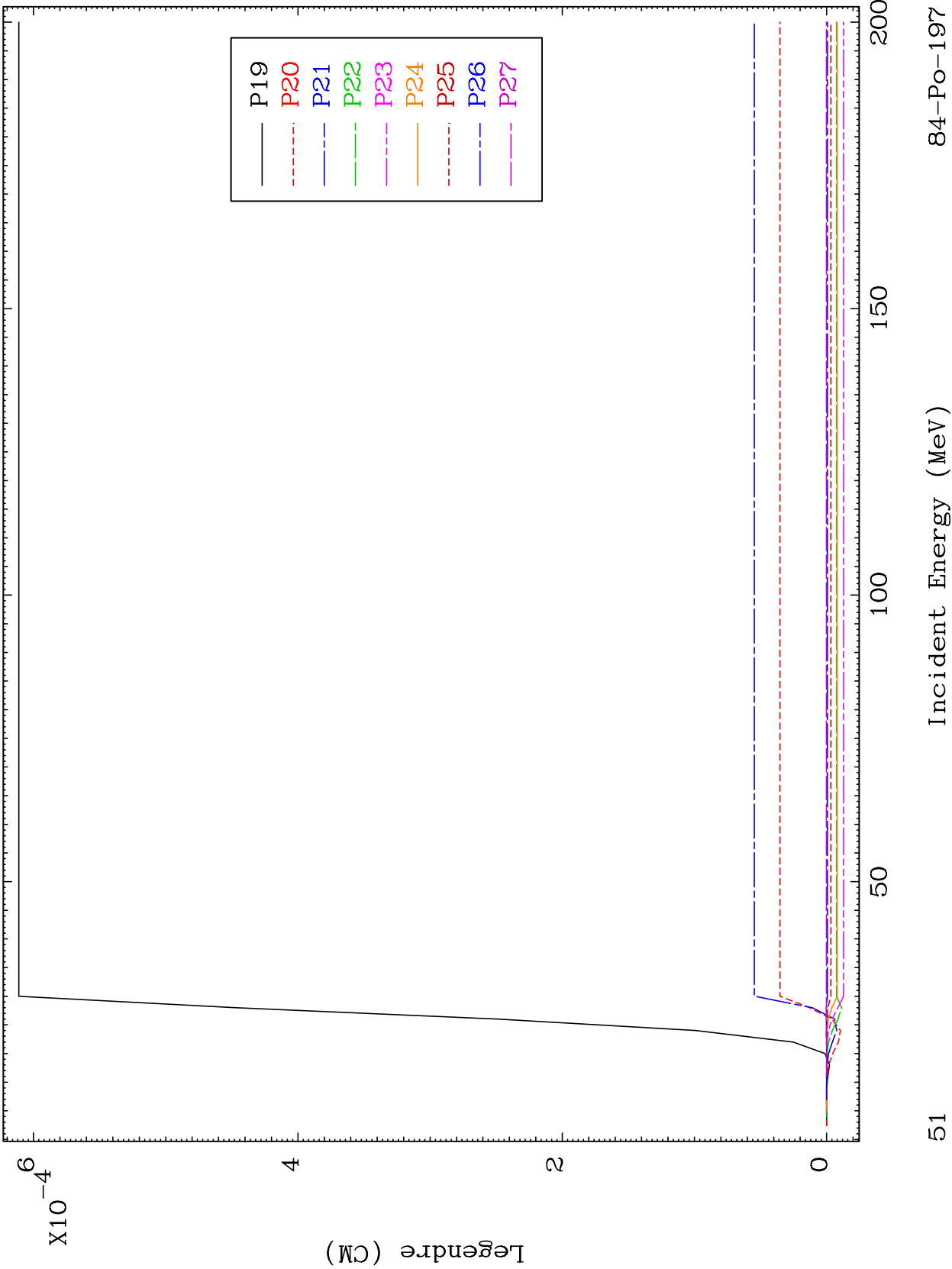
Incident Energy (MeV)

50

MAT 8398

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

84-Po-197



51

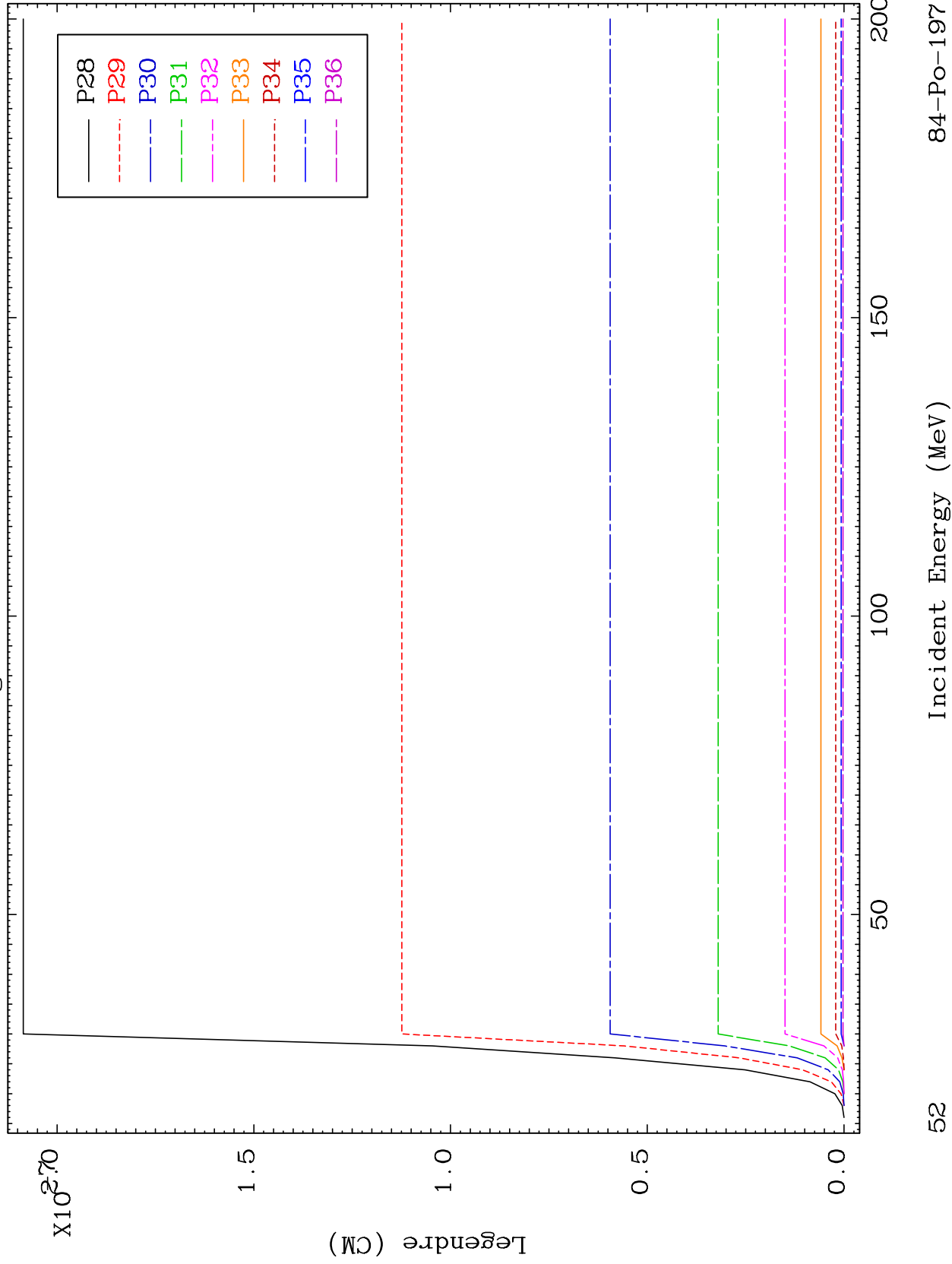
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



52

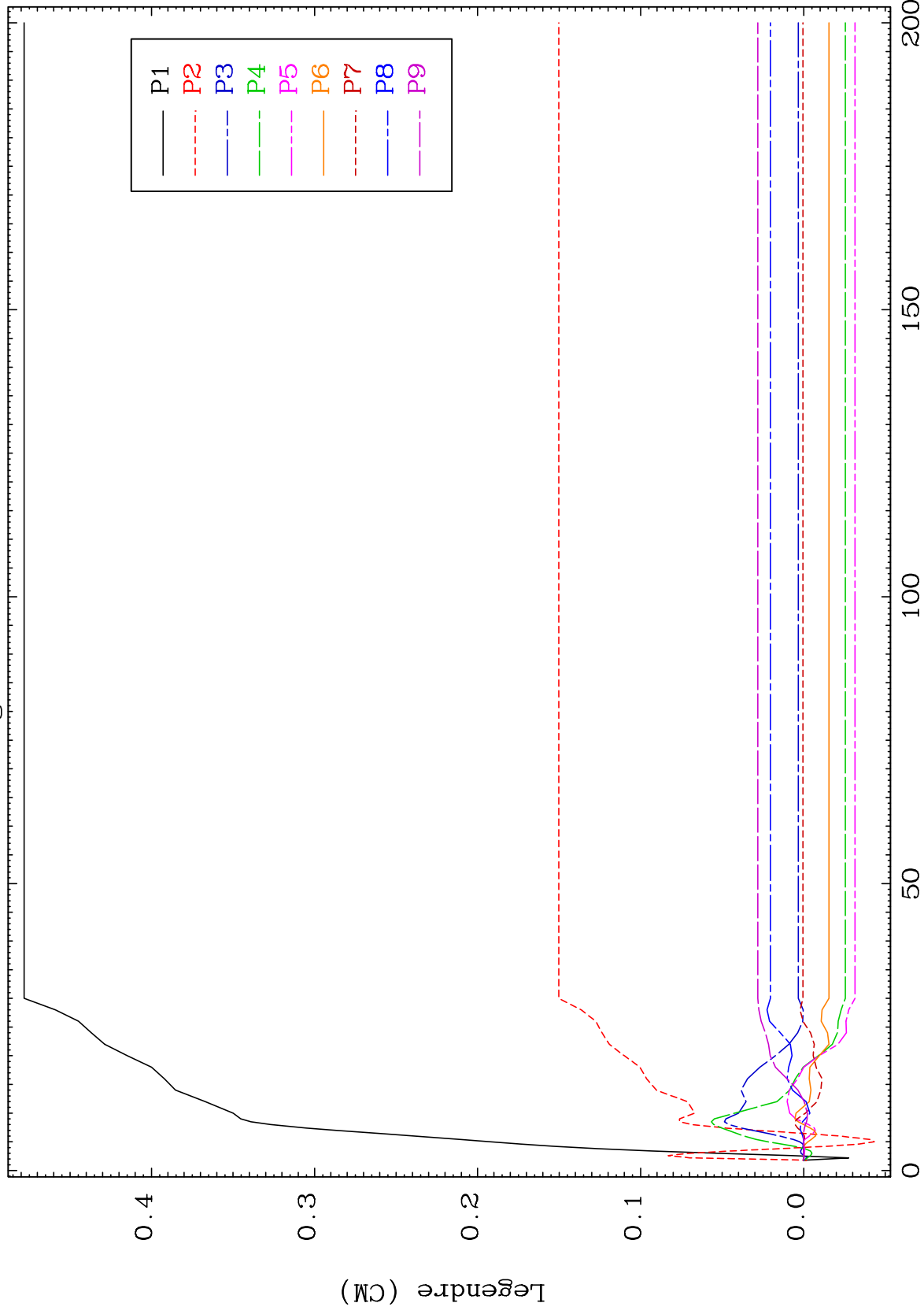
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



53

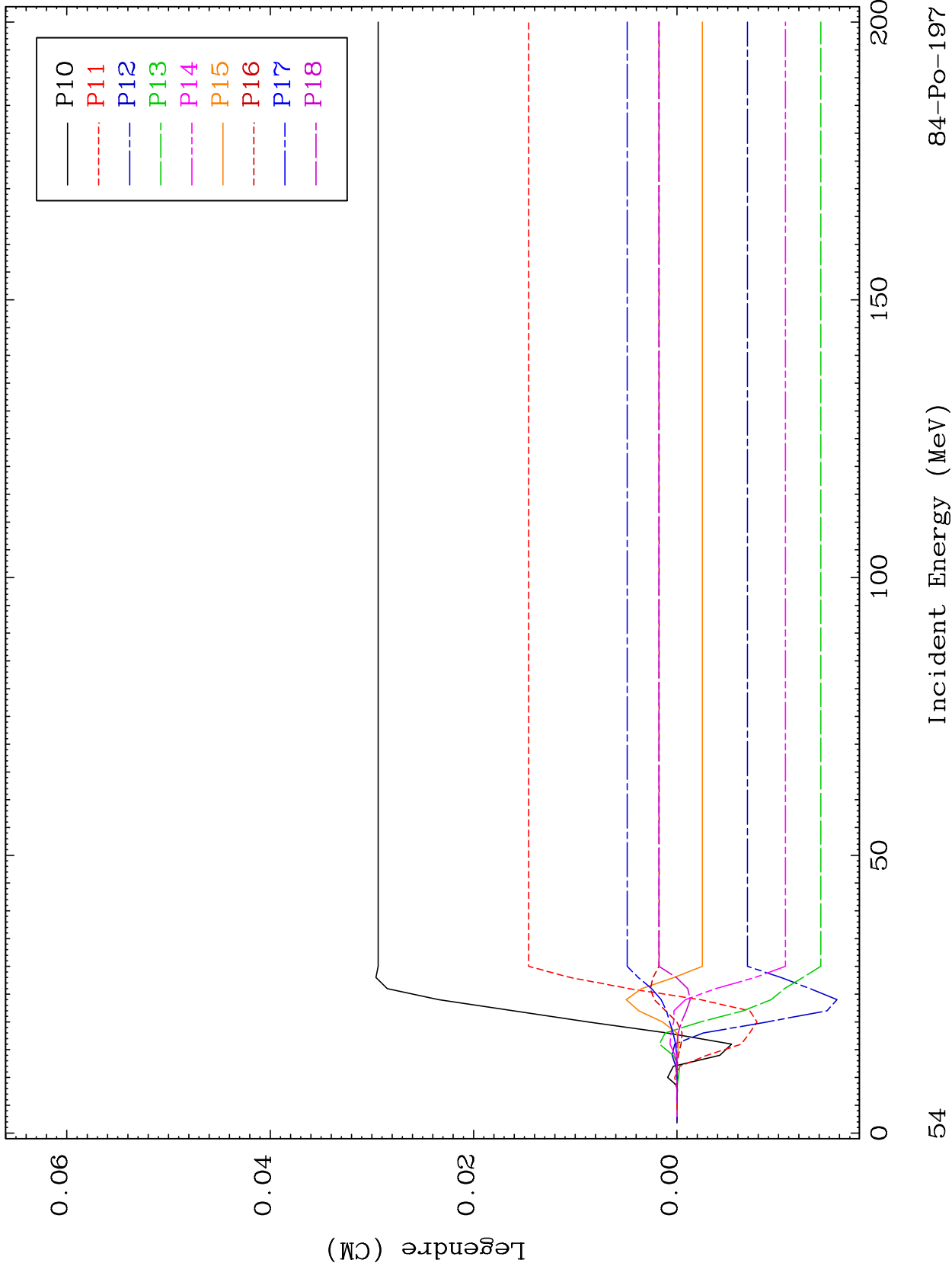
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



54

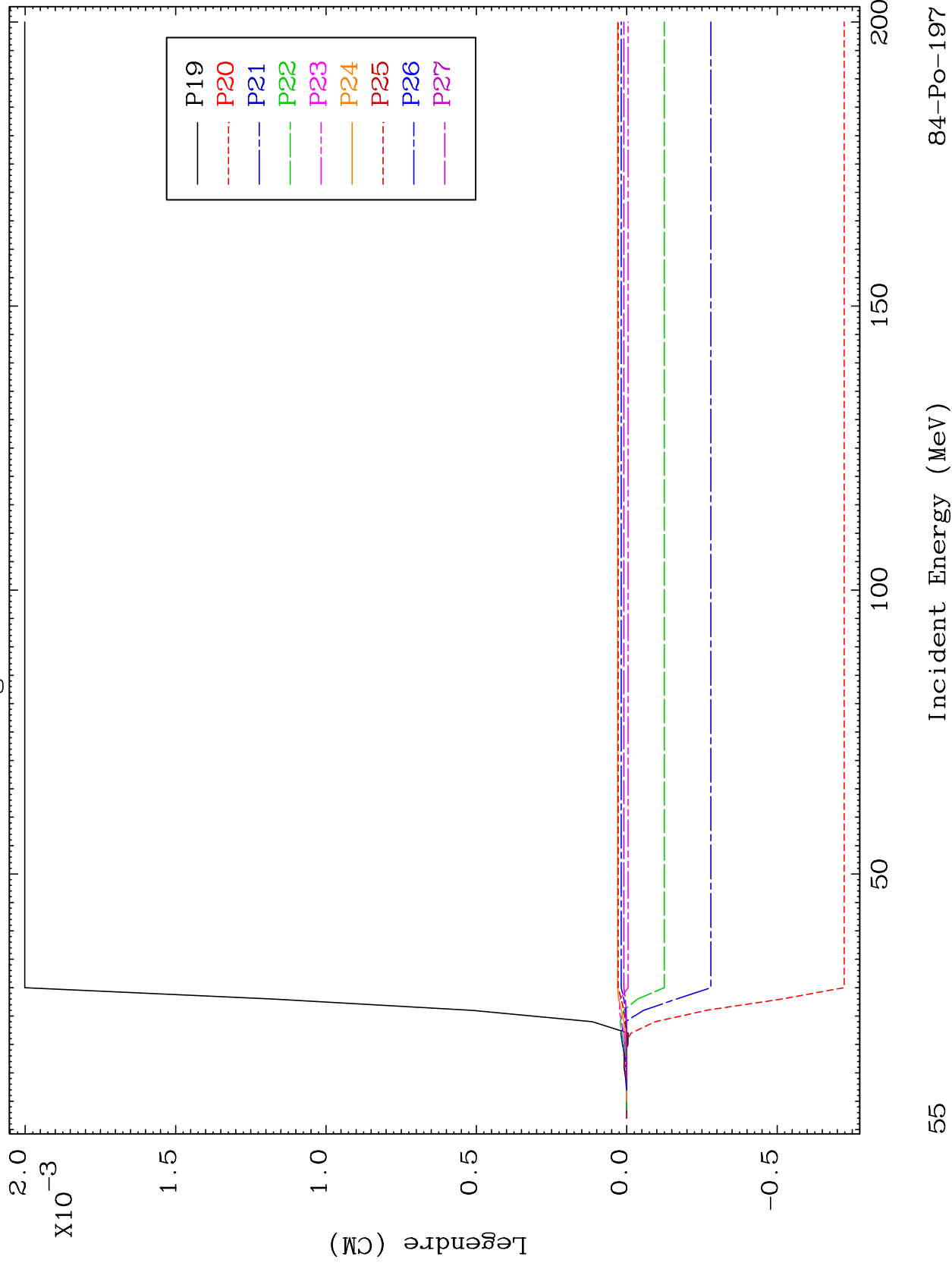
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



55

Incident Energy (MeV)

84-Po-197

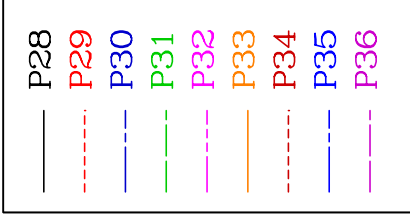
MAT 8398

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

84-Po-197

$\times 10^{-6}$

Legendre (CM)



200

150

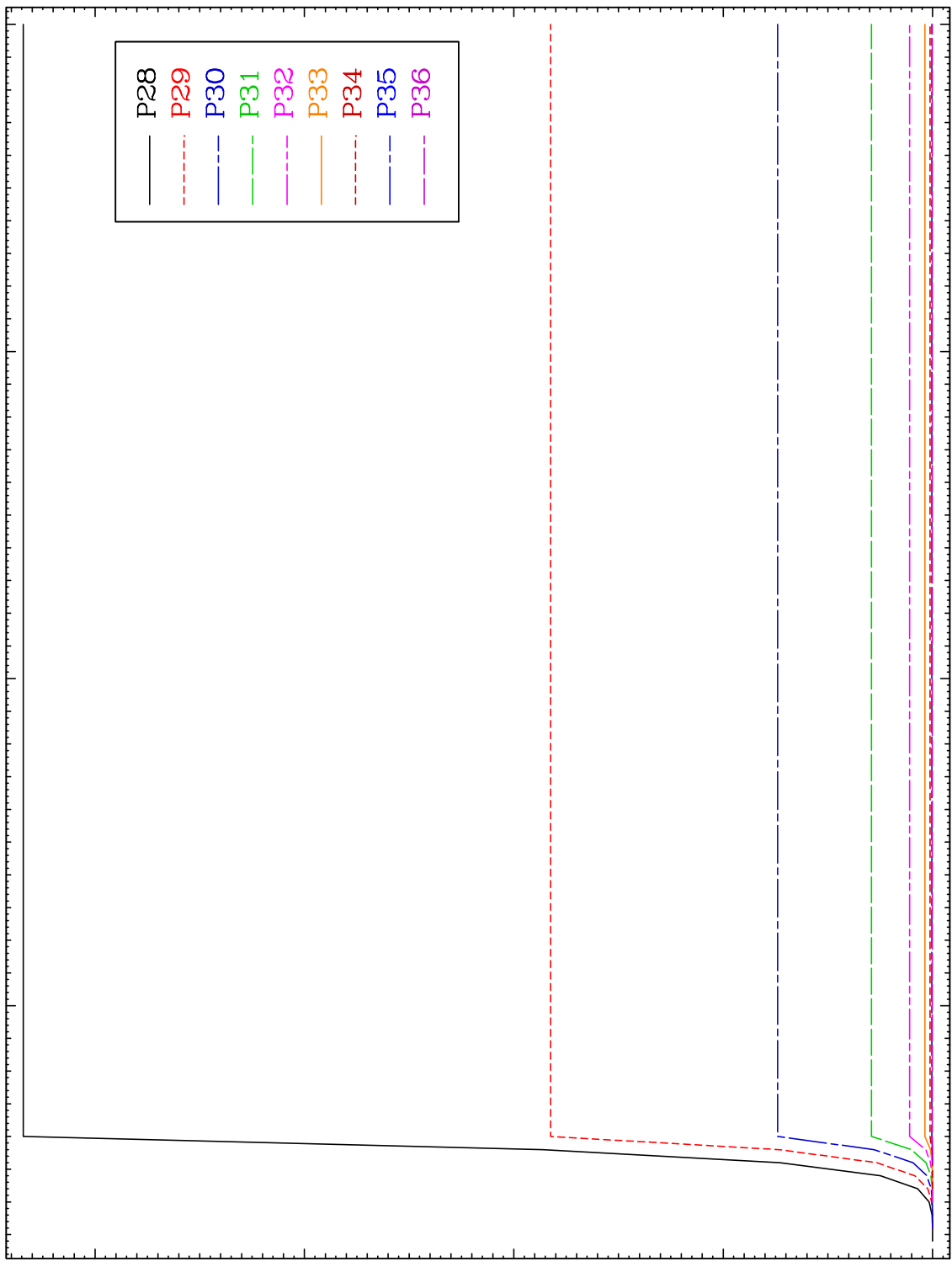
100

50

56

Incident Energy (MeV)

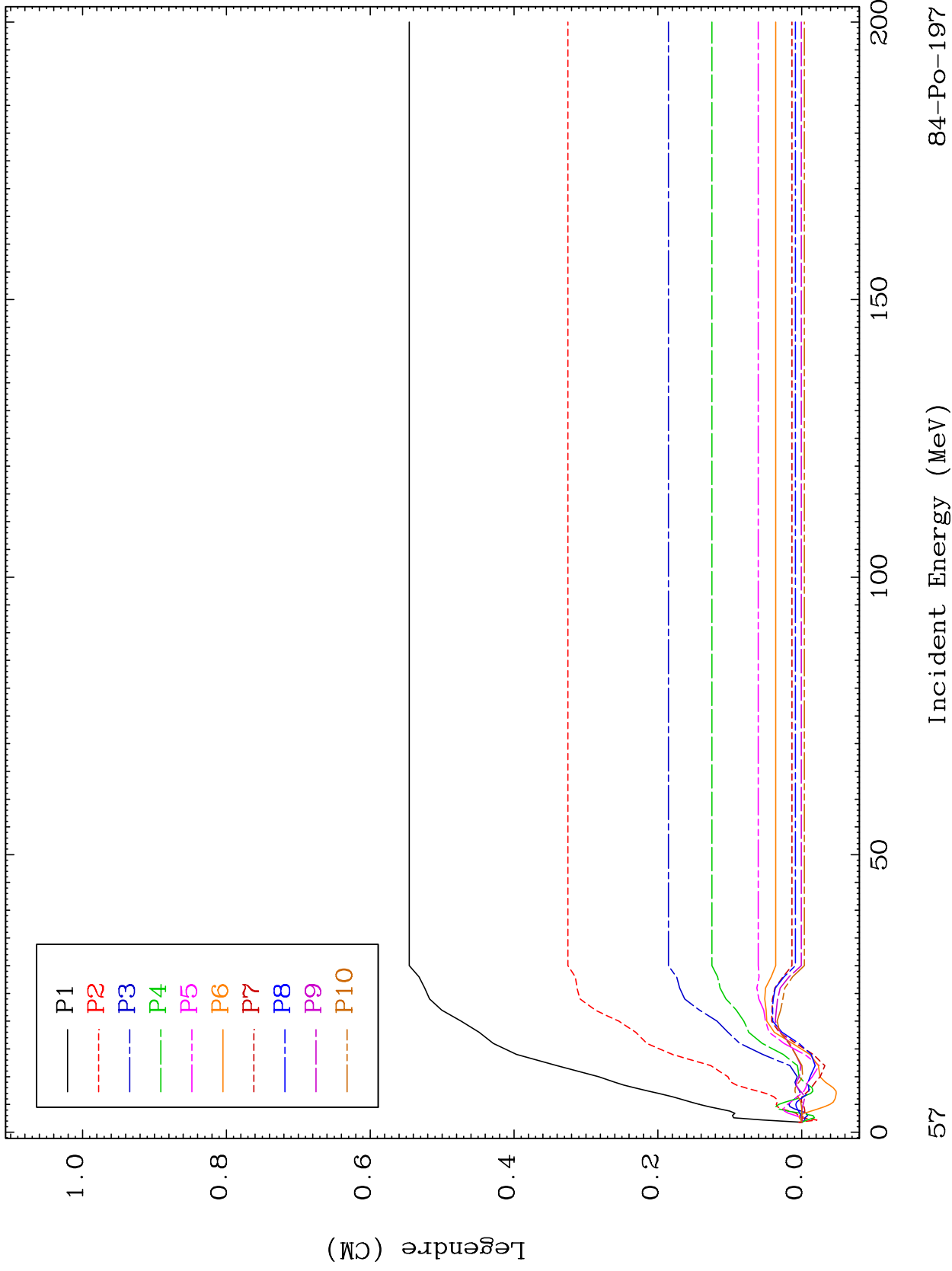
84-Po-197



MAT 8398

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

84-Po-197



57

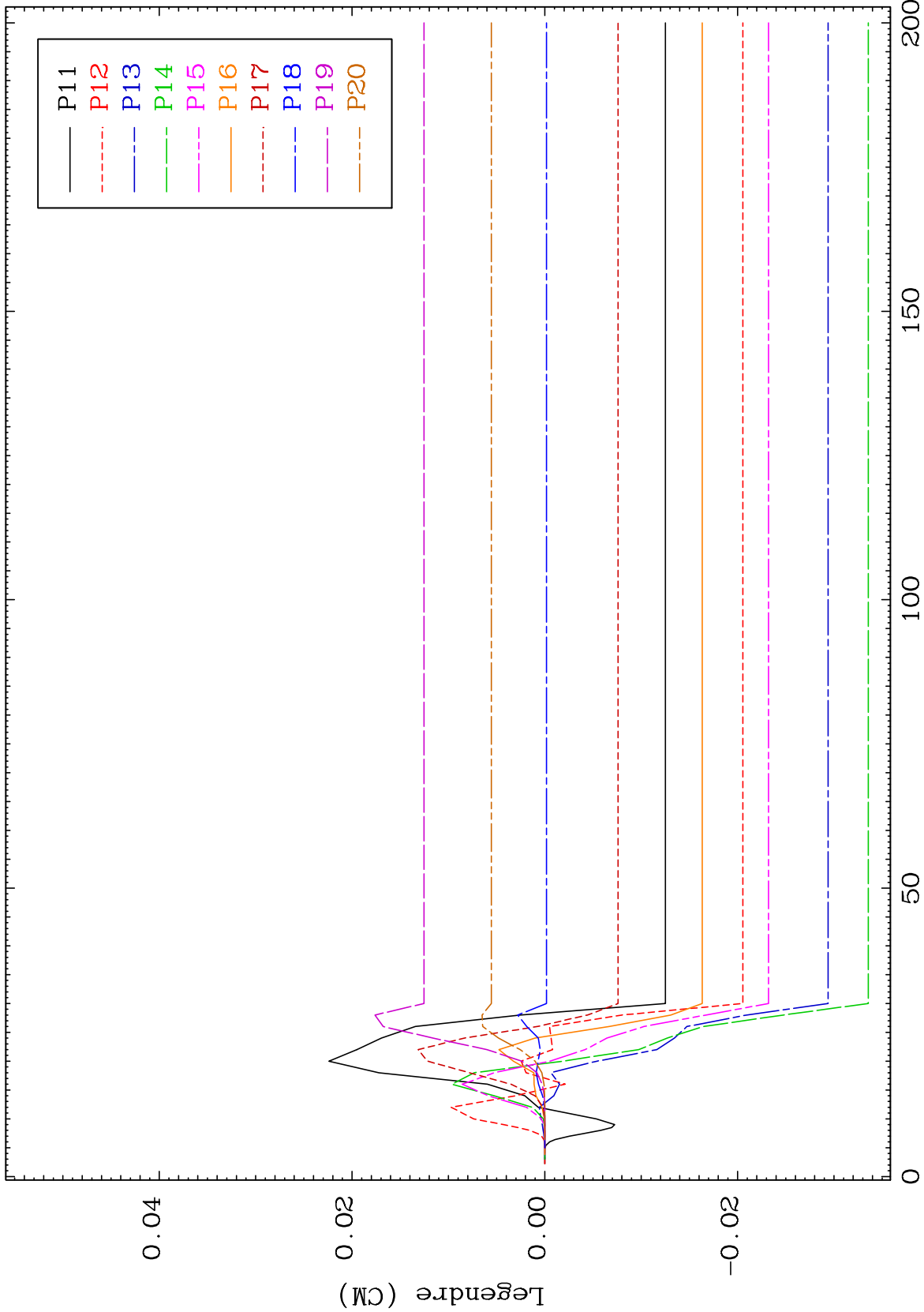
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



58

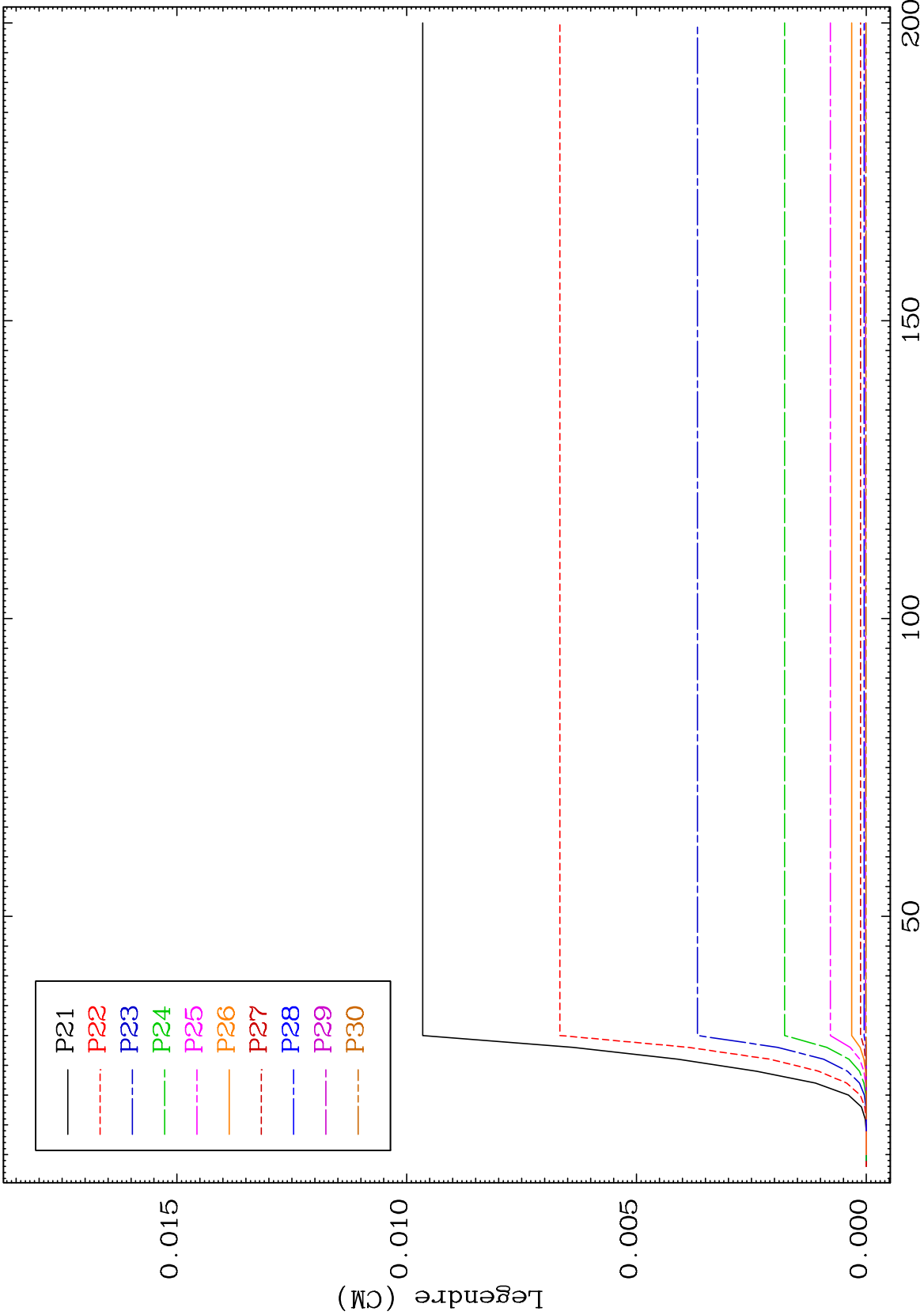
Incident Energy (MeV)

84-Po-197

MAT 8398

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

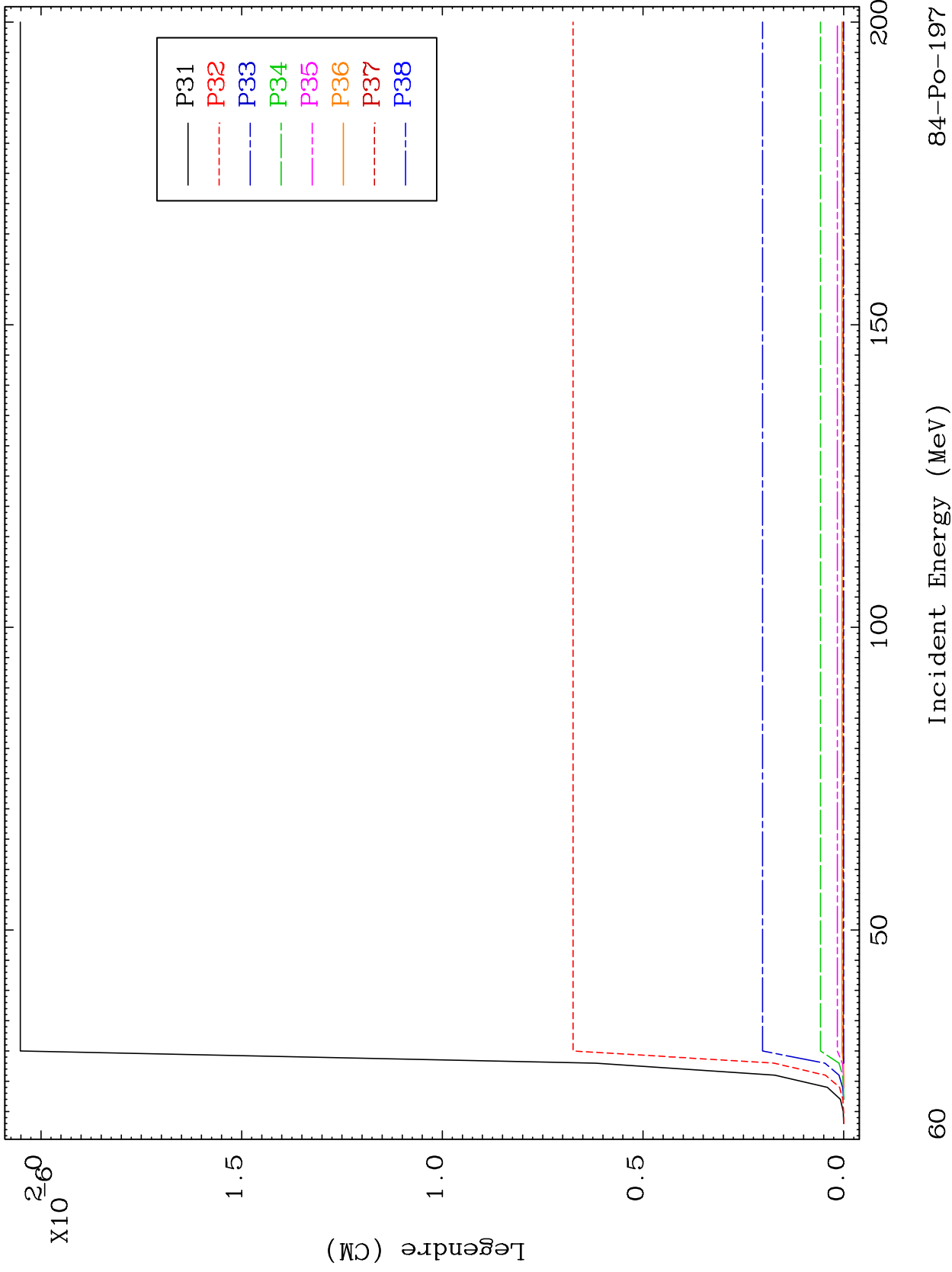
84-Po-197



MAT 8398

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

84-Po-197

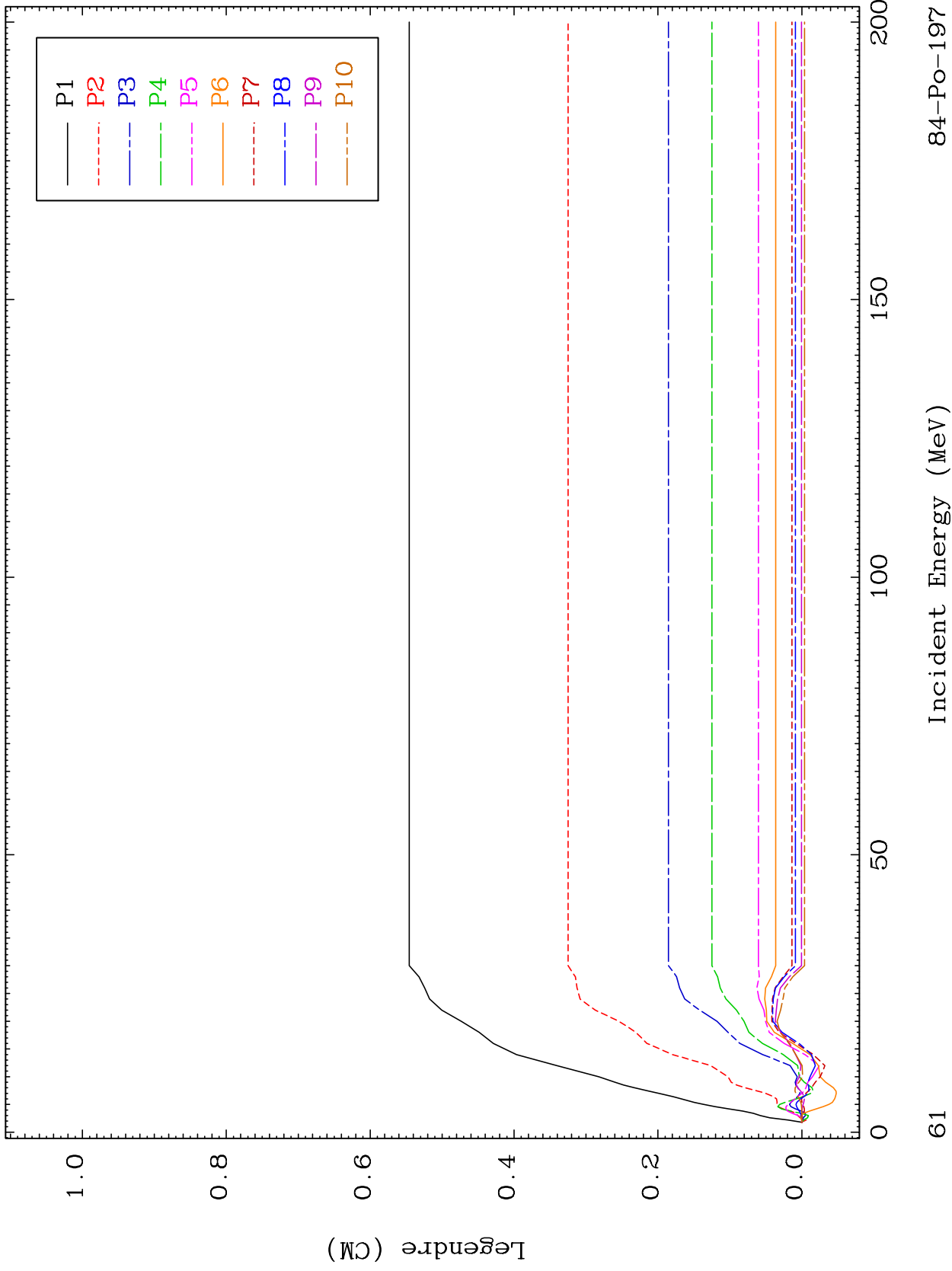


84-Po-197

MAT 8398

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

84-Po-197



84-Po-197

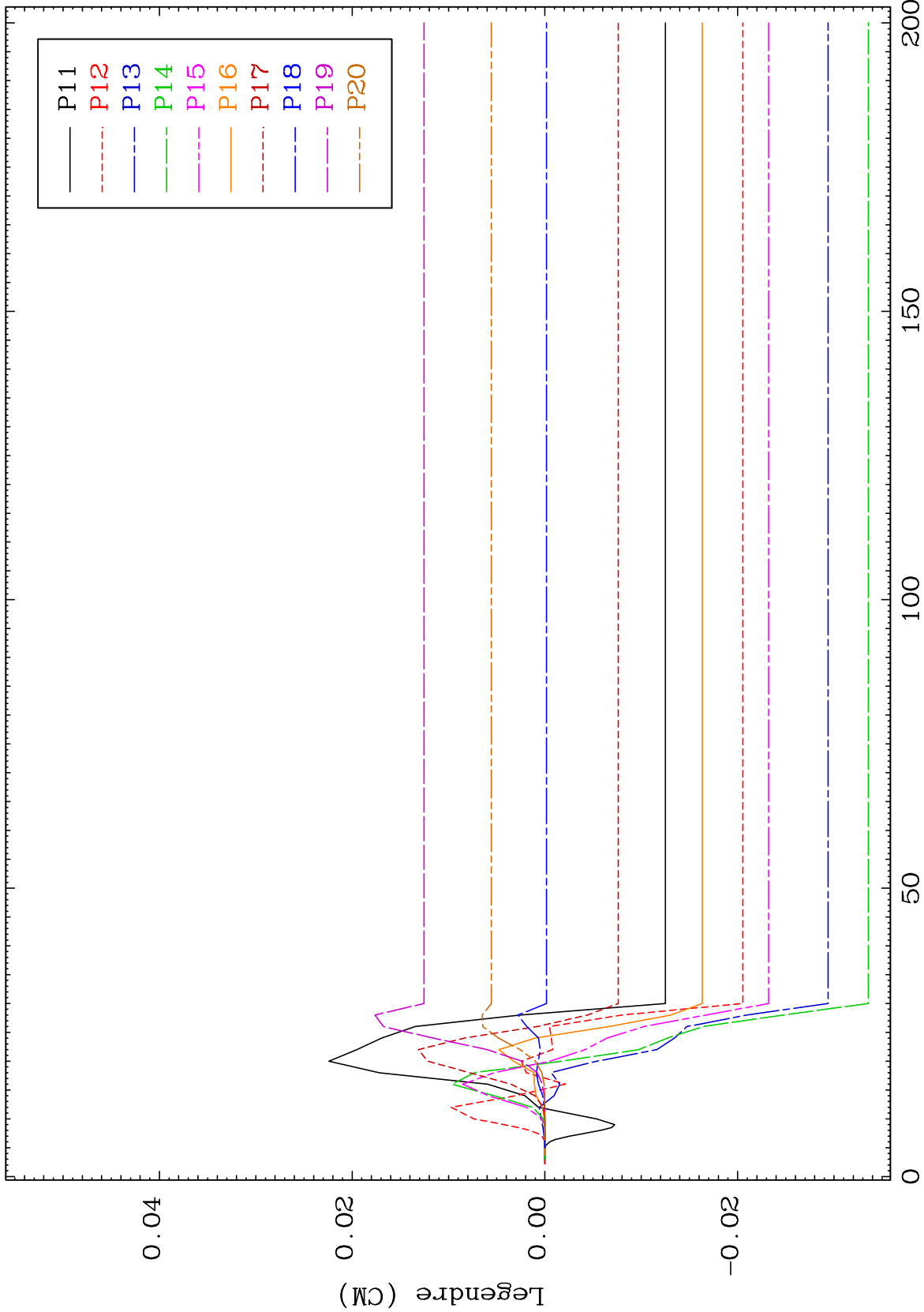
Incident Energy (MeV)

61

MAT 8398

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

84-Po-197



62

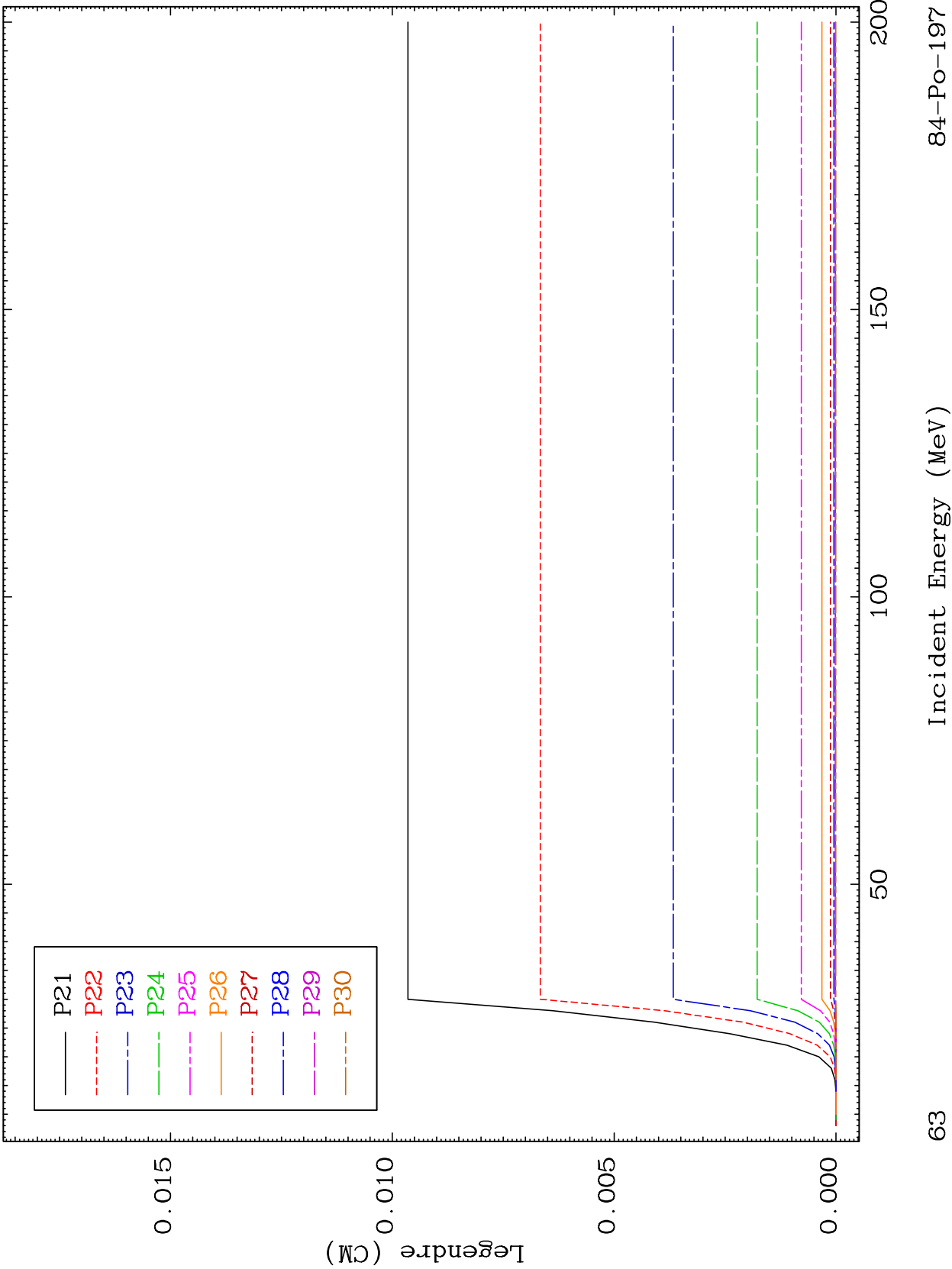
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



63

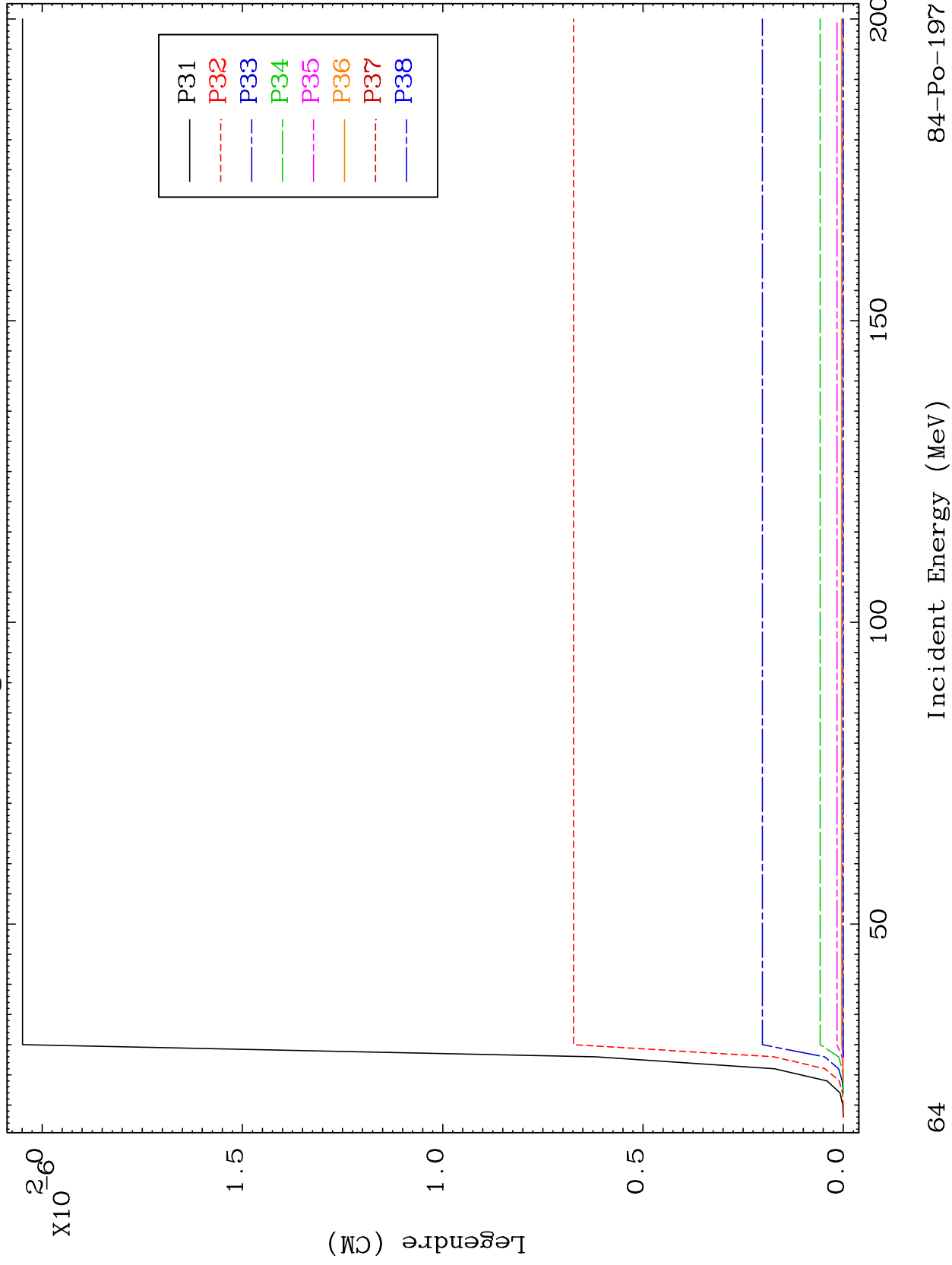
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197

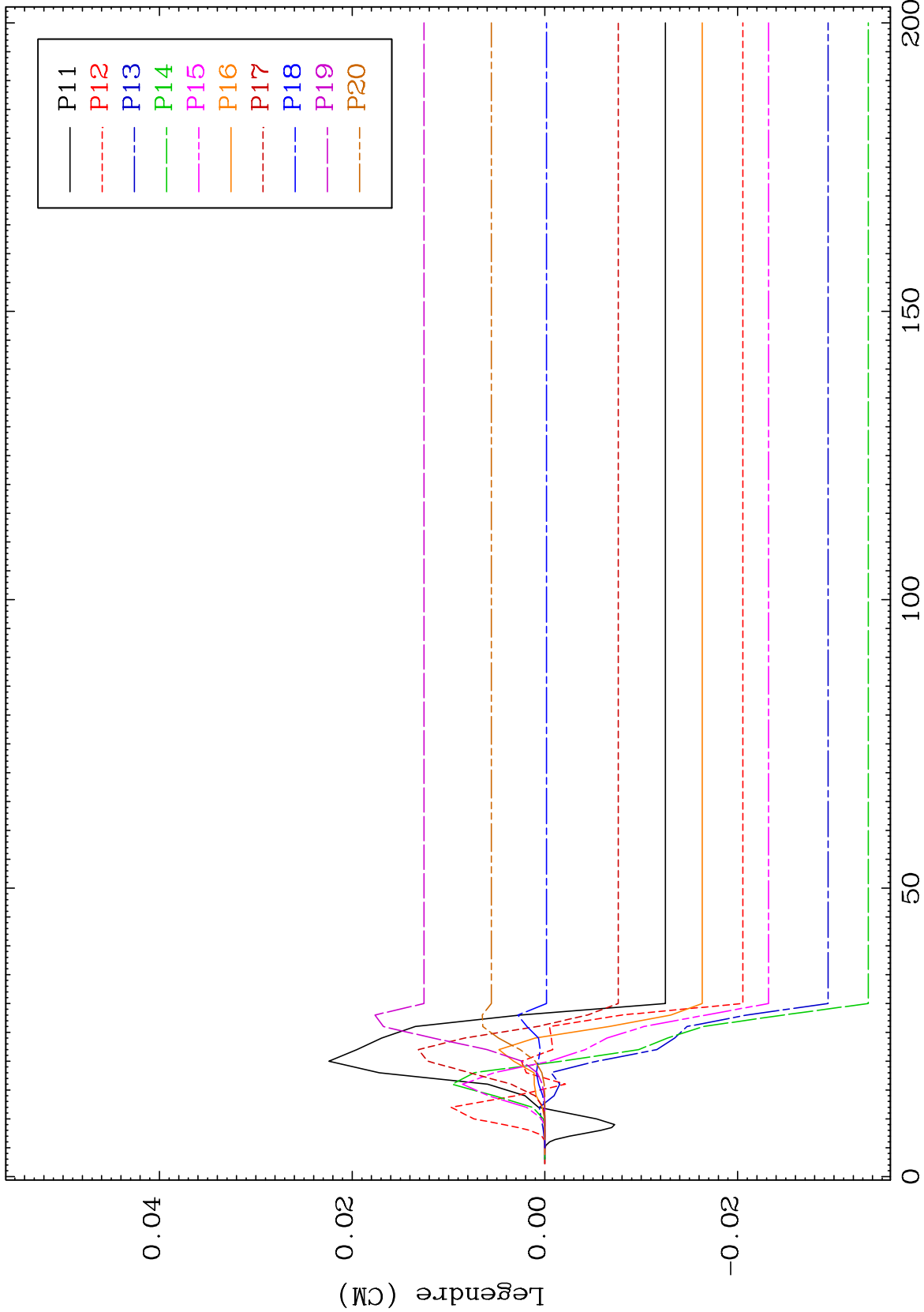


64

MAT 8398

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

84-Po-197



66

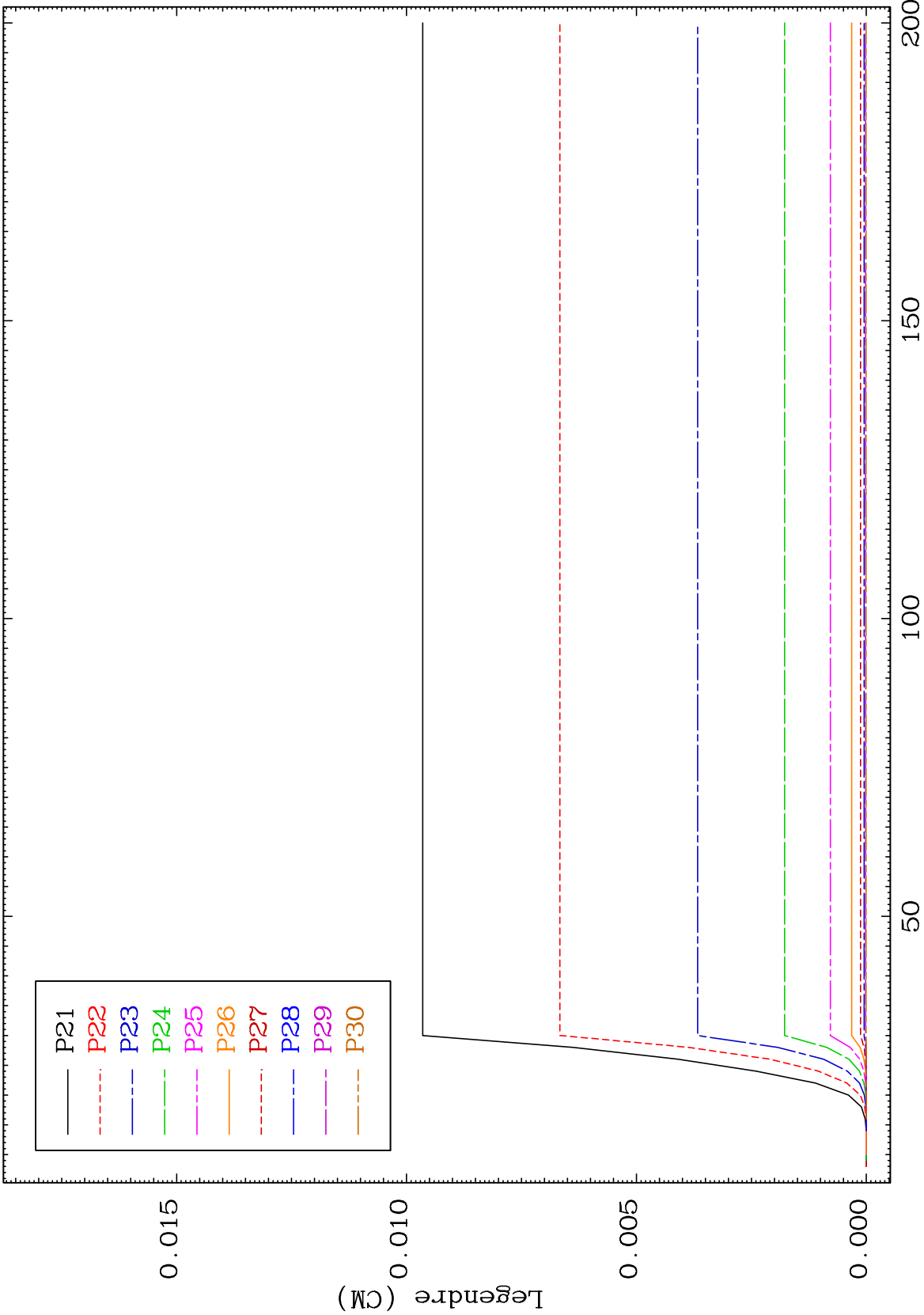
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



67

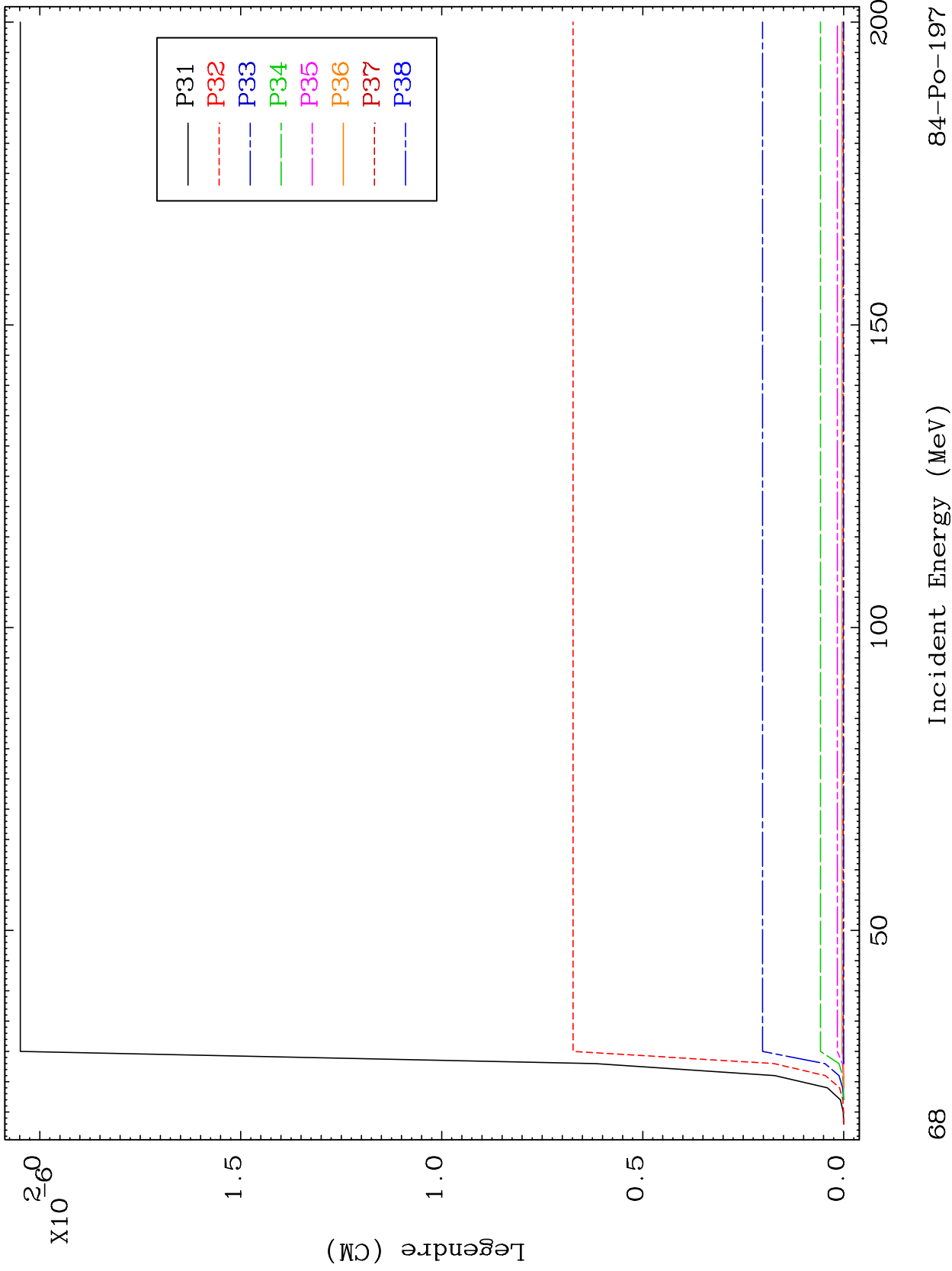
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197

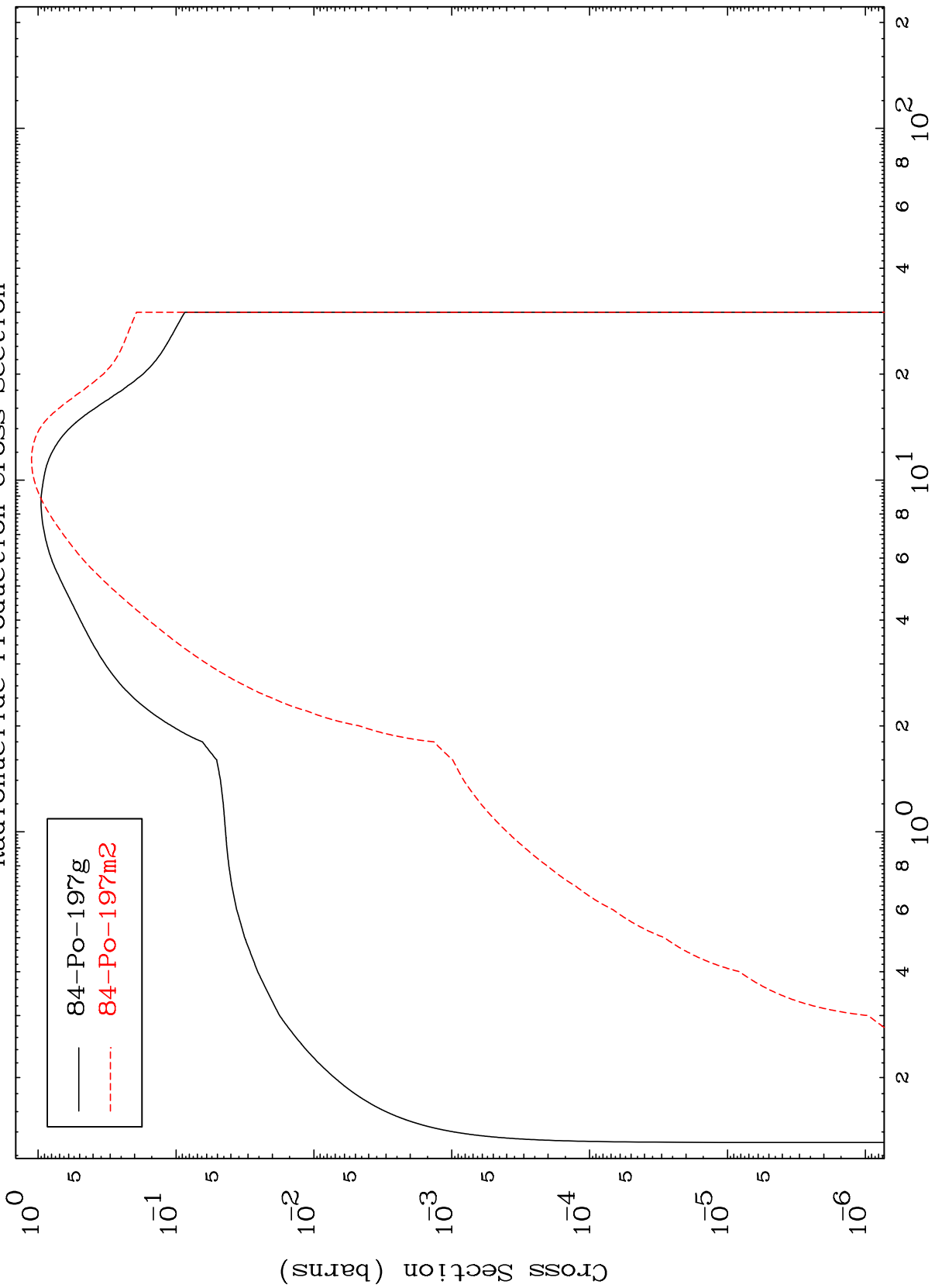


68

Incident Energy (MeV)

84-Po-197

Inelastic
Radionuclide Production Cross Section

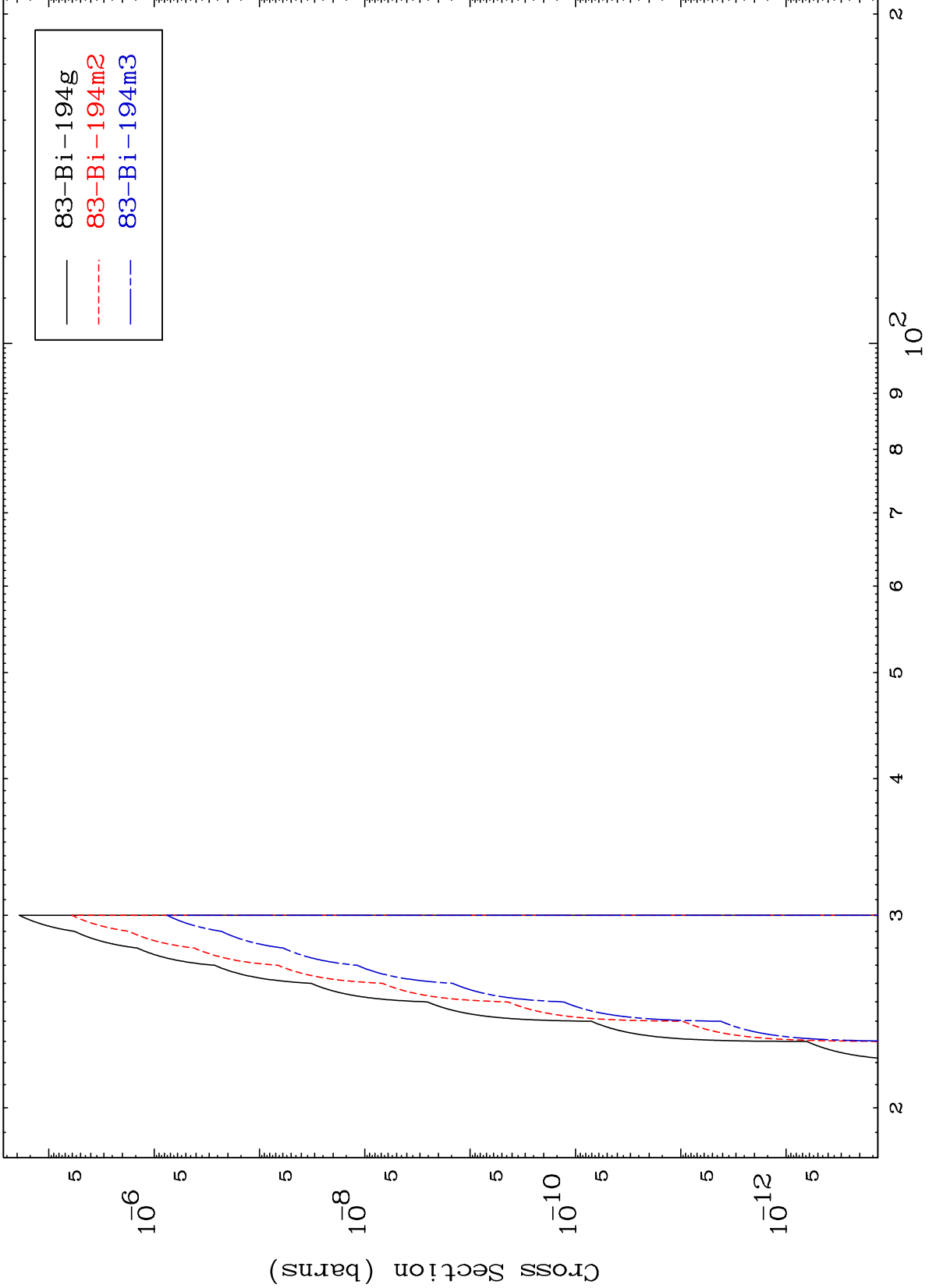


MAT 8398

(n,2n) d

84-Po-197

Radionuclide Production Cross Section

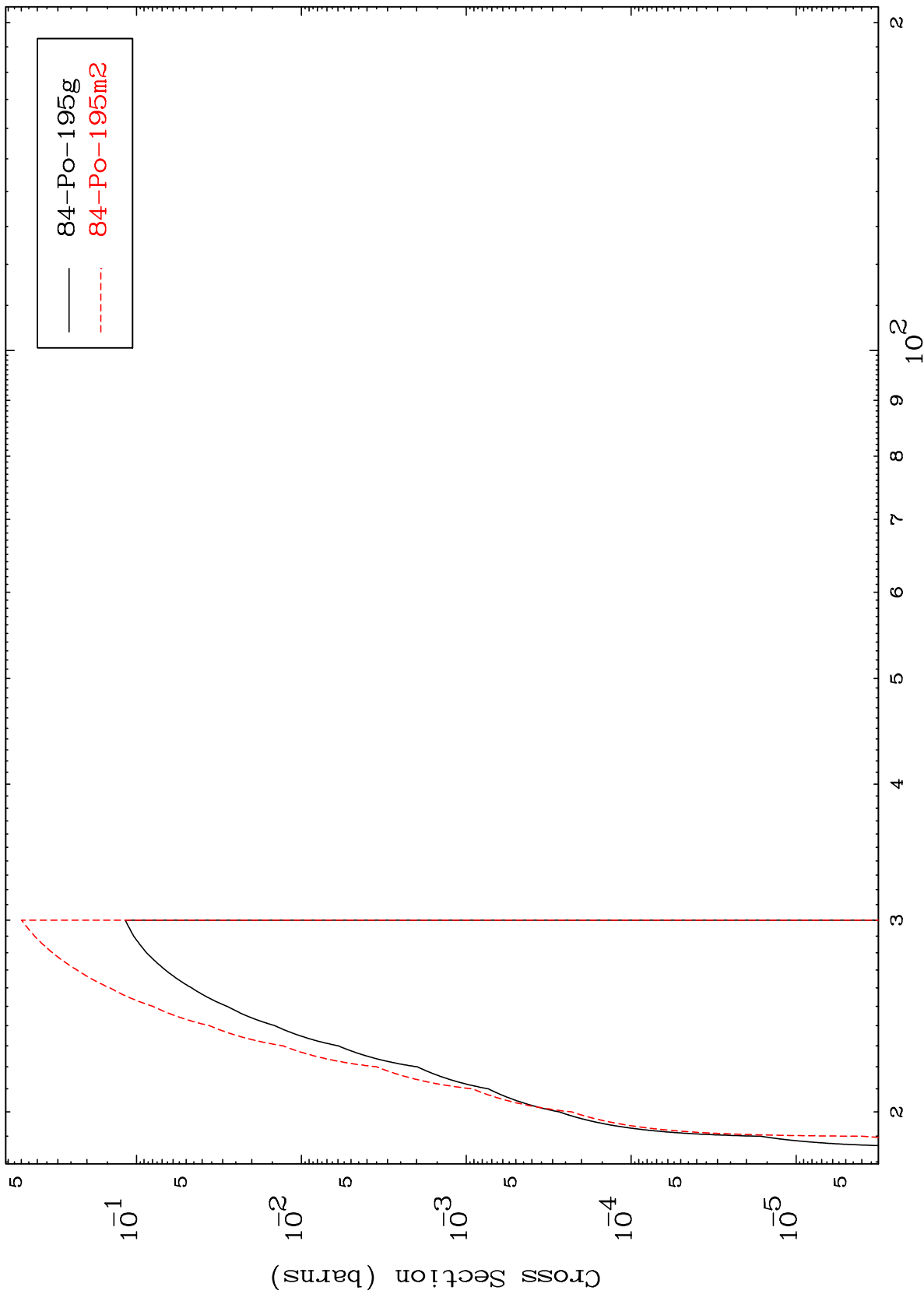


70

Incident Energy (MeV)

84-Po-197

(n,3n)
Radionuclide Production Cross Section

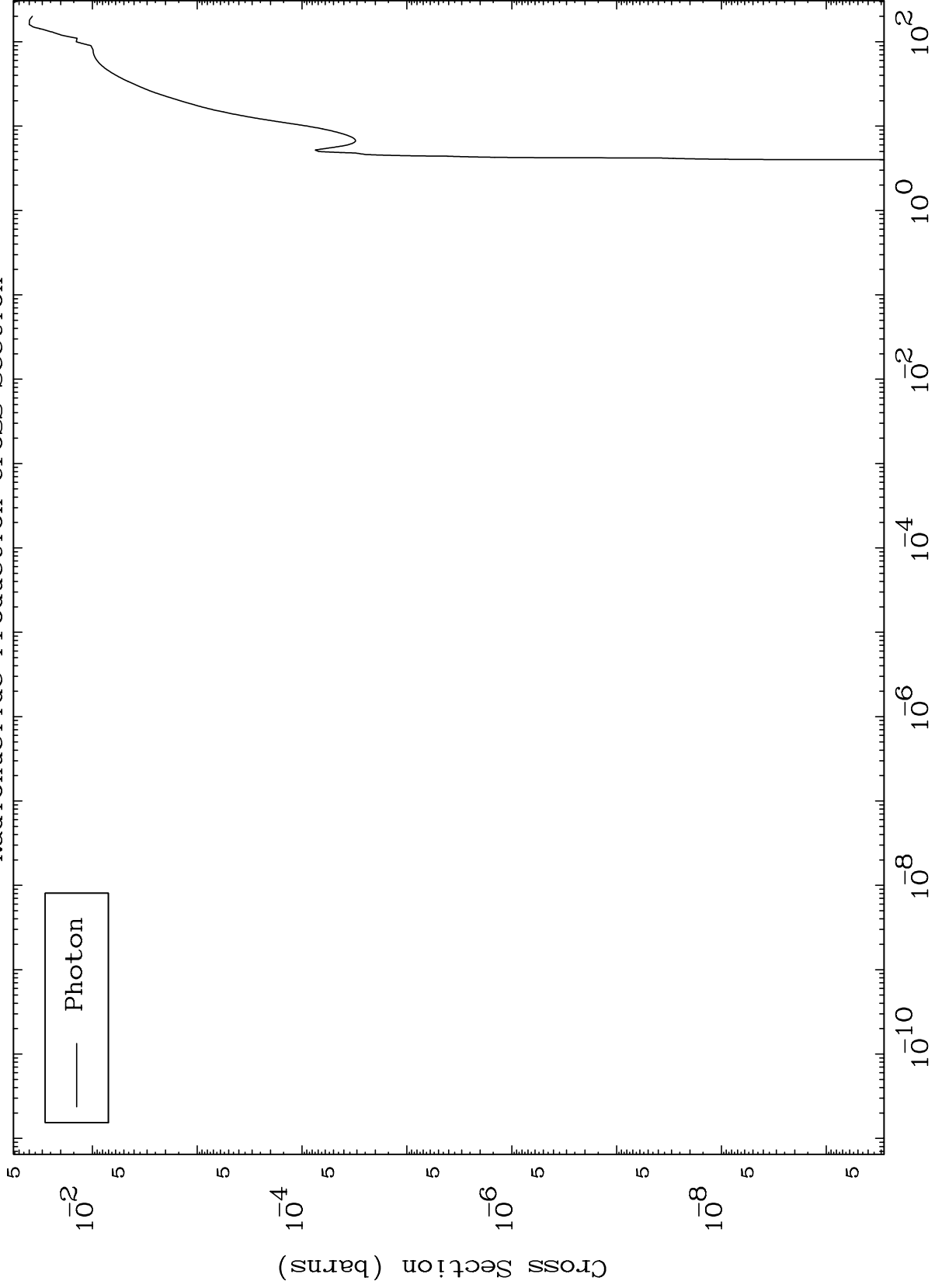


MAT 8398

Fission

84-Po-197

Radionuclide Production Cross Section



72

Incident Energy (MeV)

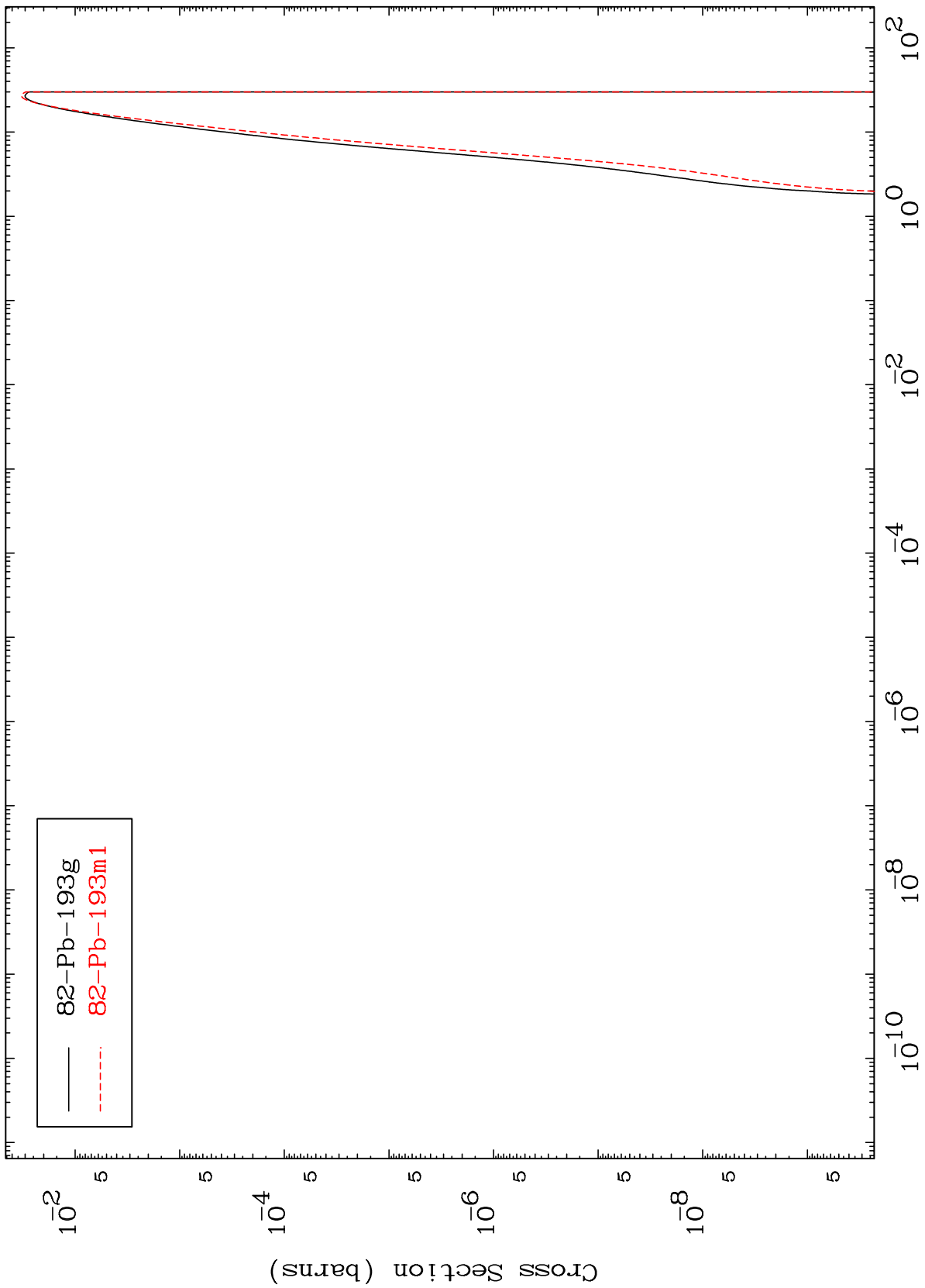
84-Po-197

MAT 8398

$(n, n') \alpha$

84-Po-197

Radionuclide Production Cross Section



73

Incident Energy (MeV)

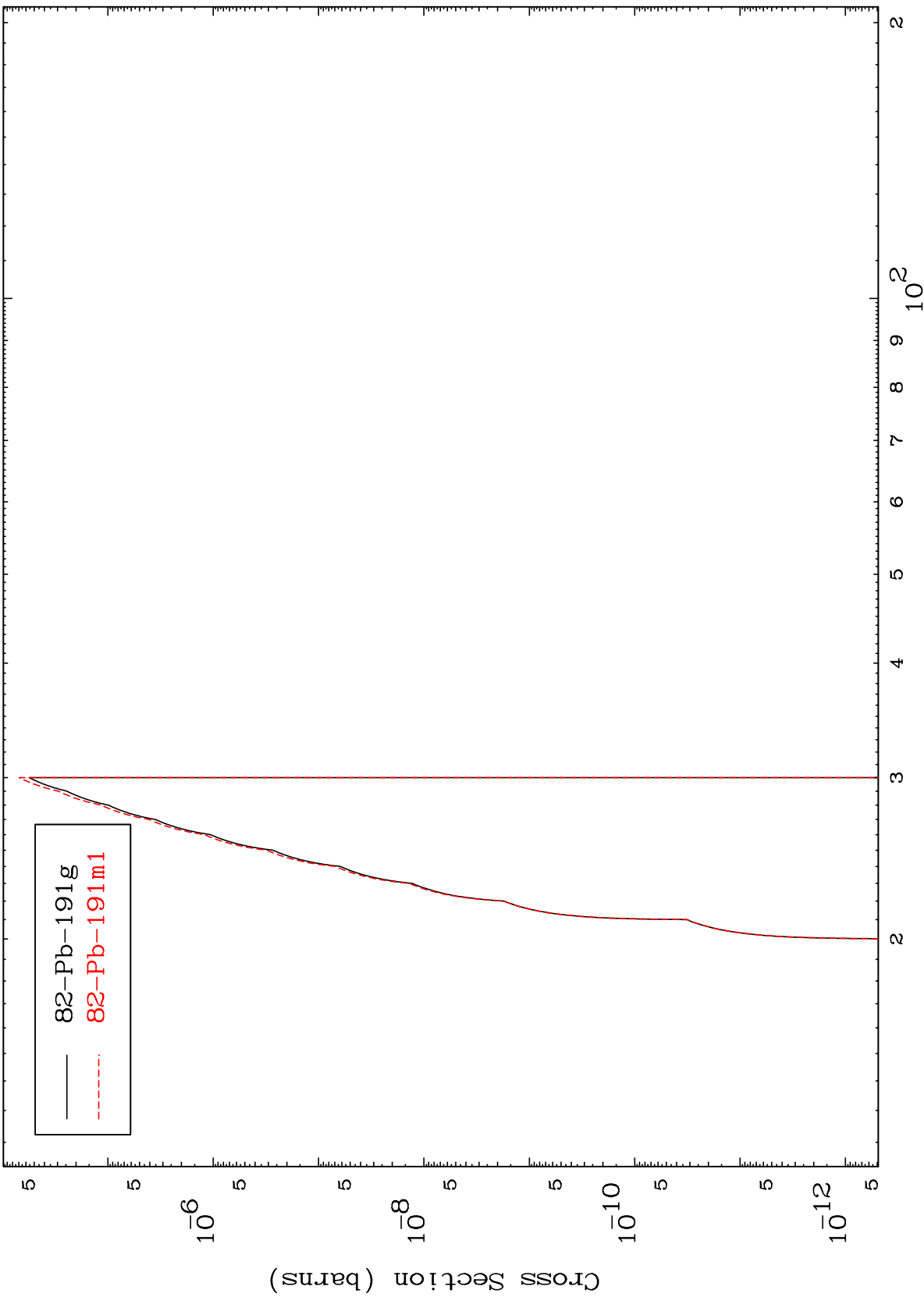
84-Po-197

MAT 8398

(n,3n) α

84-Po-197

Radionuclide Production Cross Section



74

Incident Energy (MeV)

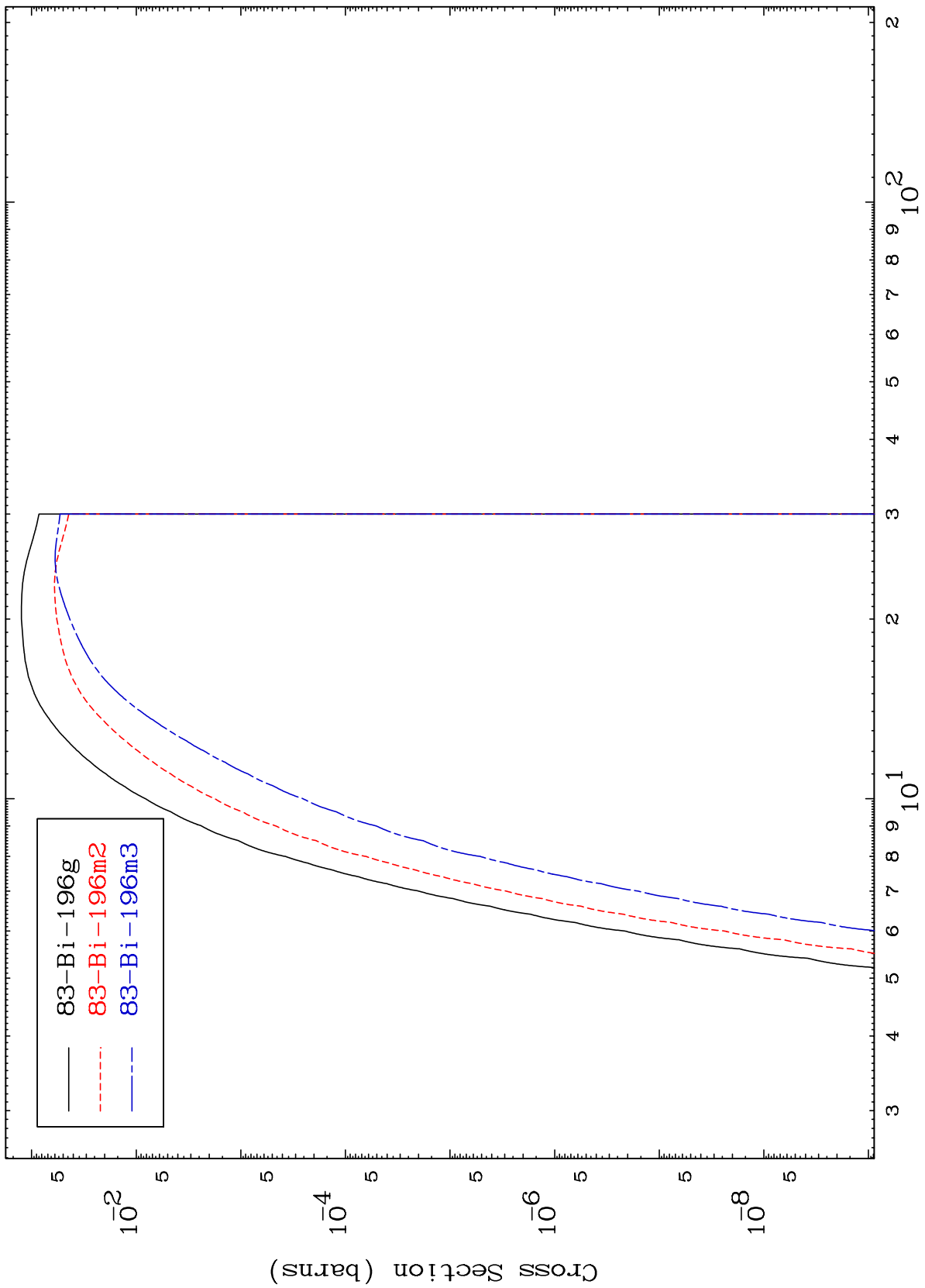
84-Po-197

MAT 8398

(n,n') p

84-Po-197

Radionuclide Production Cross Section



75

Incident Energy (MeV)

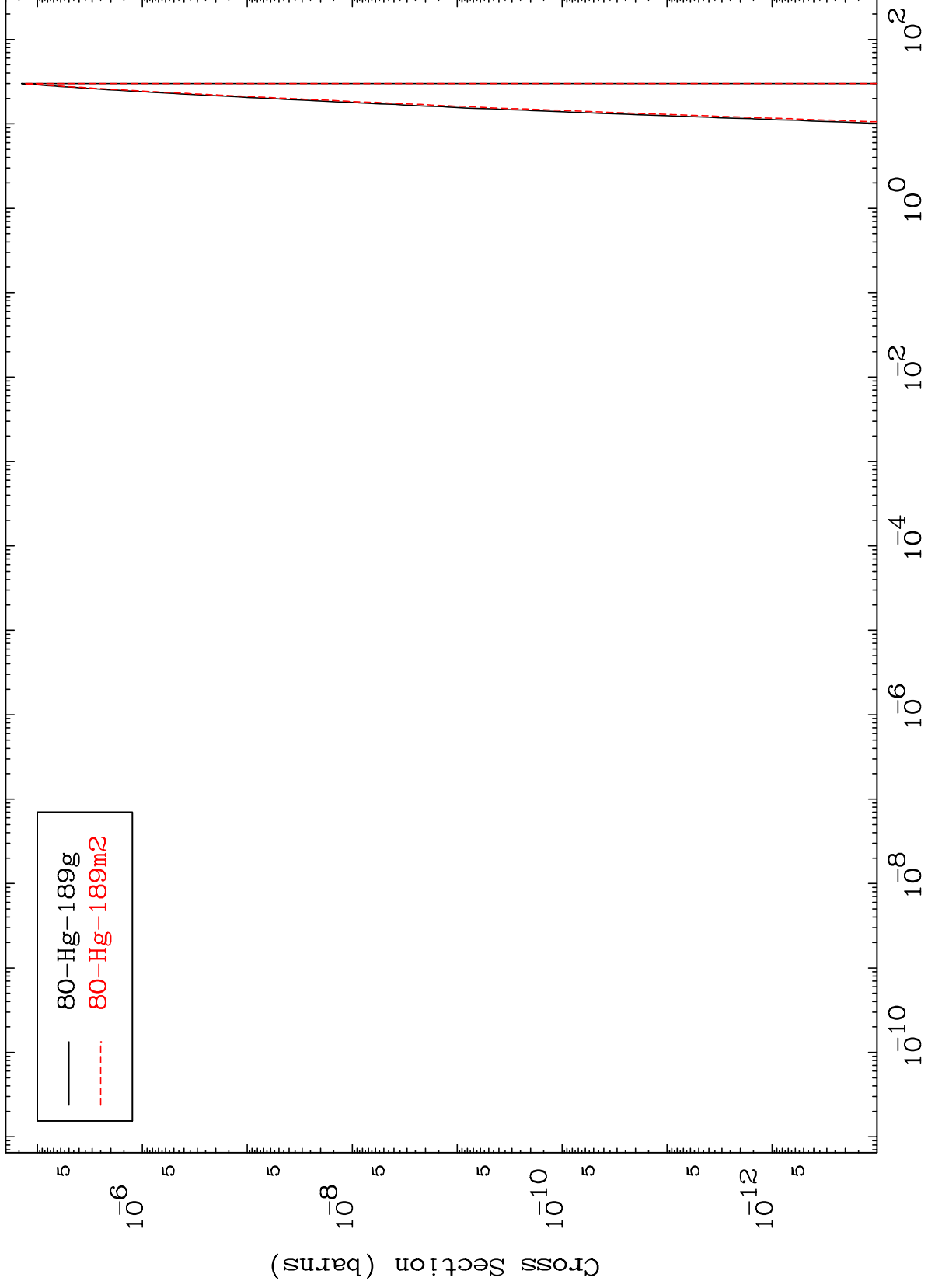
84-Po-197

MAT 8398

(n,n') 2α

84-Po-197

Radionuclide Production Cross Section



76

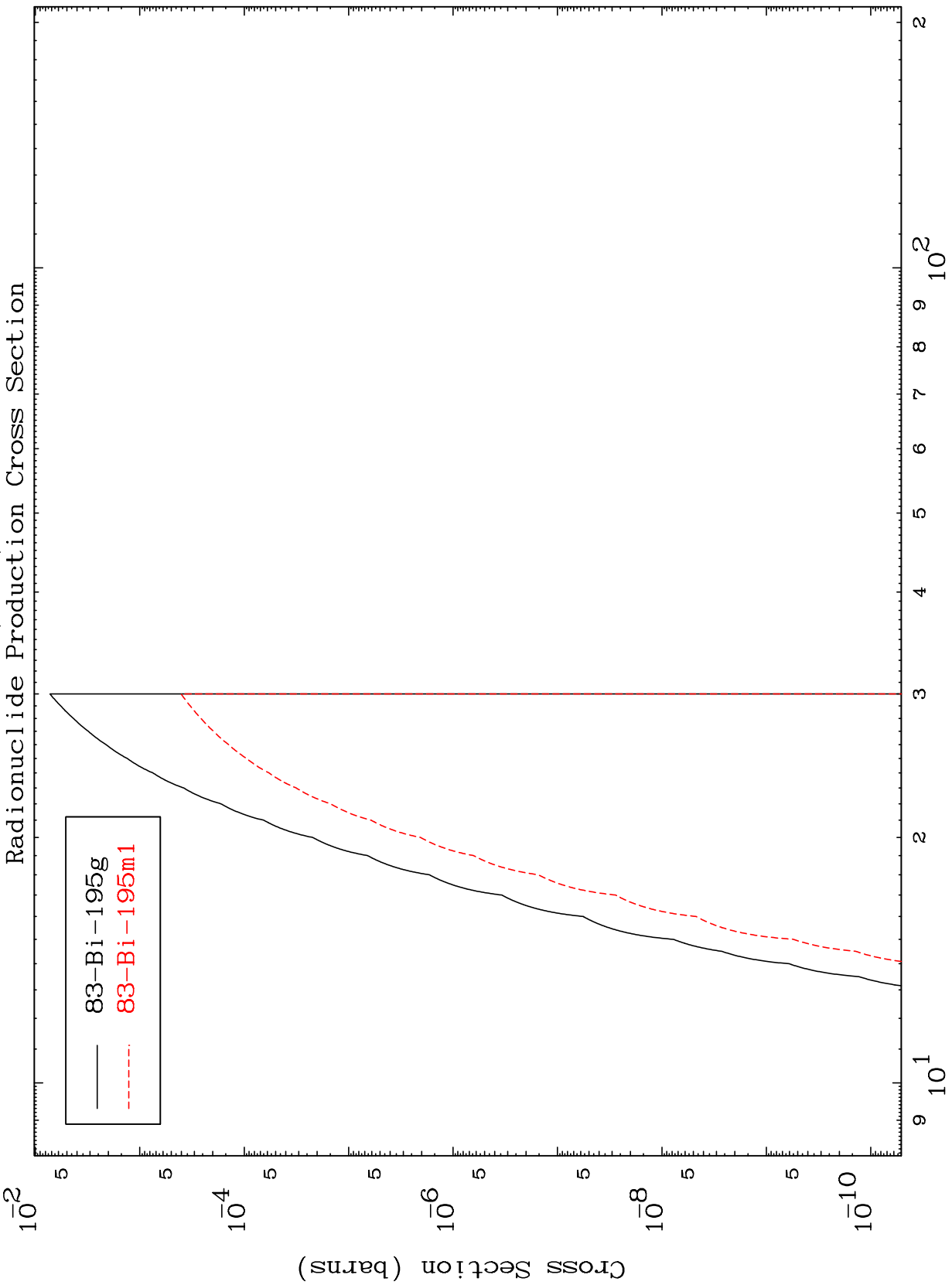
Incident Energy (MeV)

84-Po-197

MAT 8398

(n,n') d

84-Po-197



77

Incident Energy (MeV)

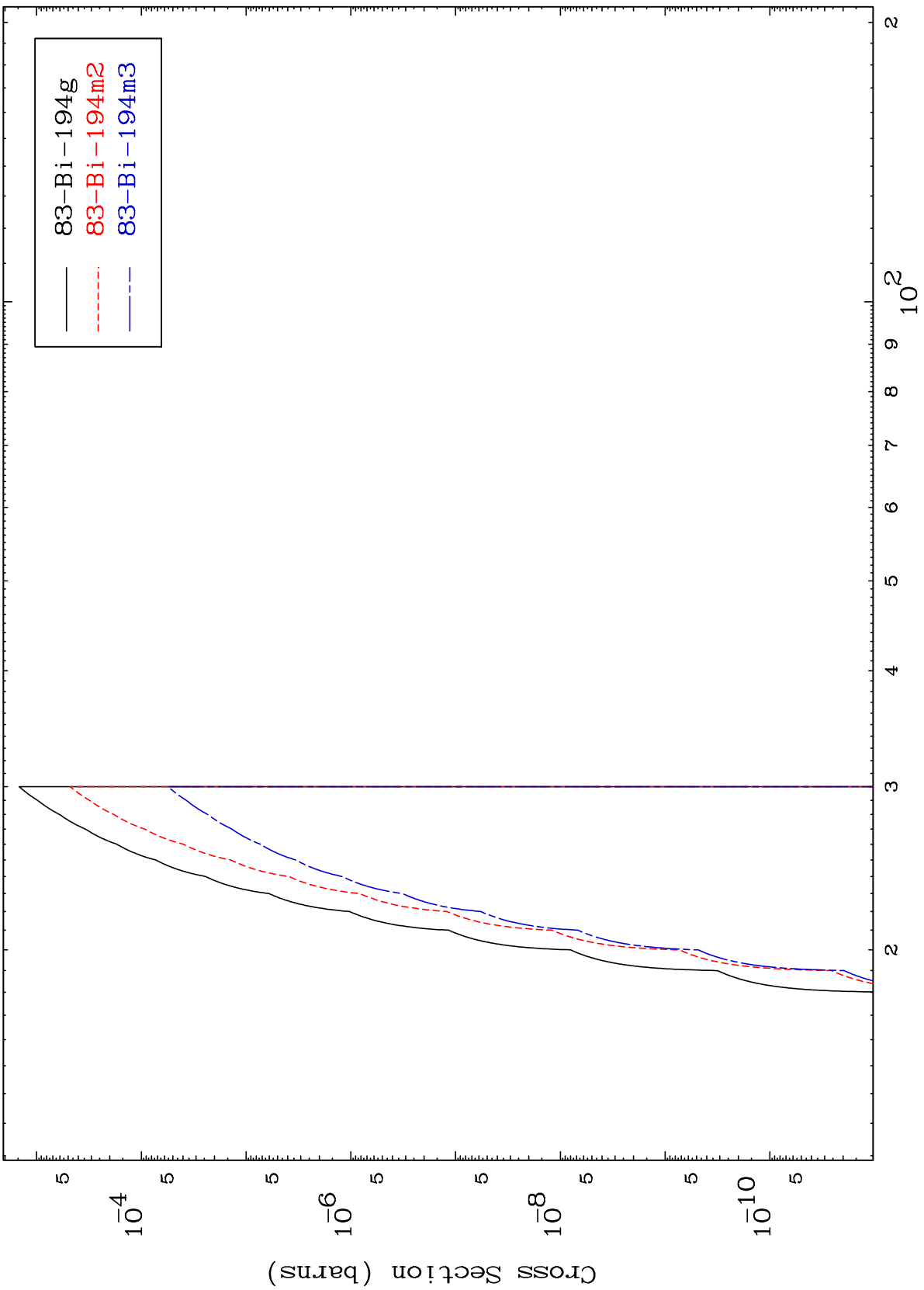
84-Po-197

MAT 8398

(n,n') t

84-Po-197

Radionuclide Production Cross Section



78

Incident Energy (MeV)

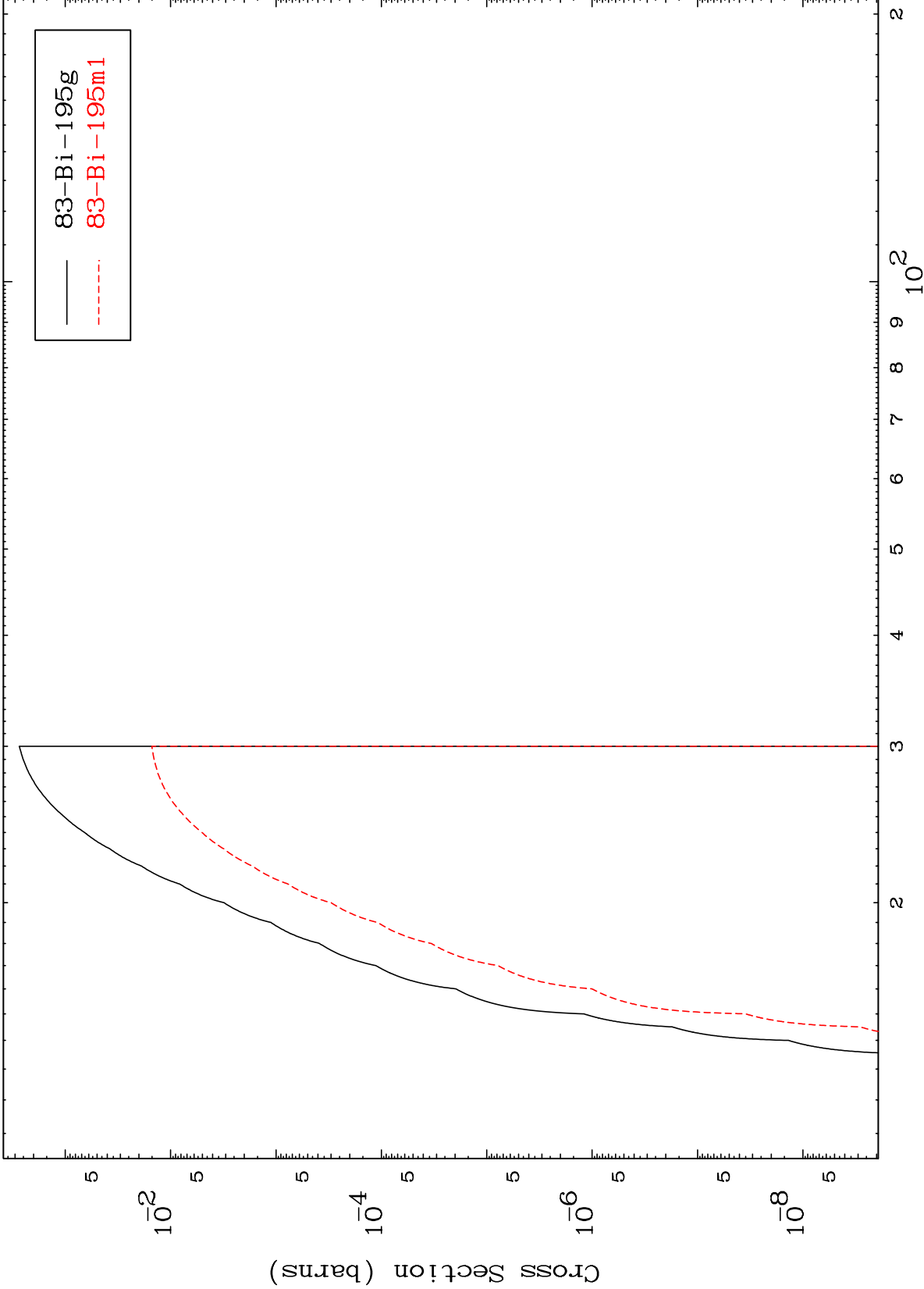
84-Po-197

MAT 8398

(n,2n) p

84-Po-197

Radionuclide Production Cross Section



83-Bi-195g
83-Bi-195m1

79

Incident Energy (MeV)

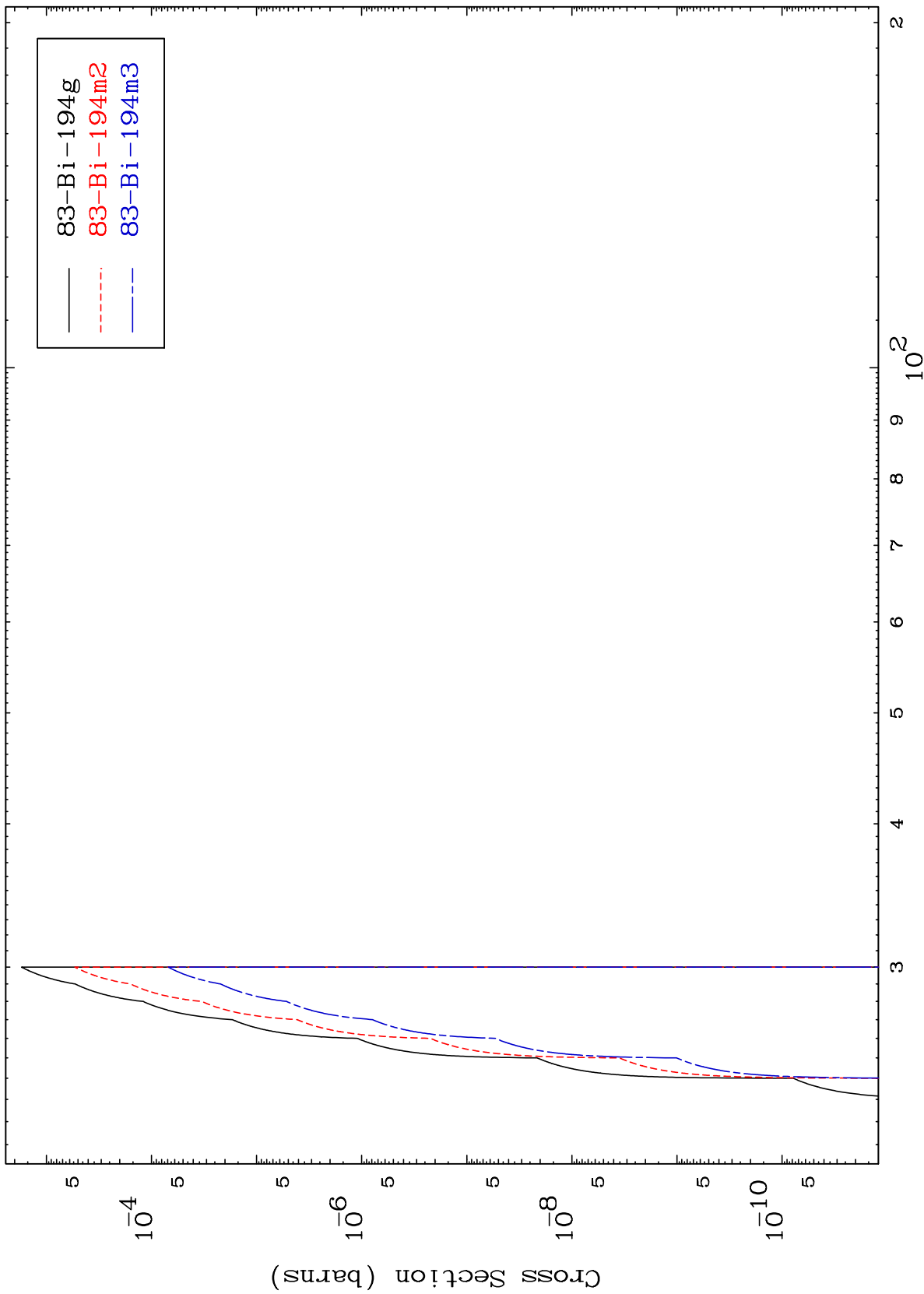
84-Po-197

MAT 8398

(n,3n) p

84-Po-197

Radionuclide Production Cross Section



80

Incident Energy (MeV)

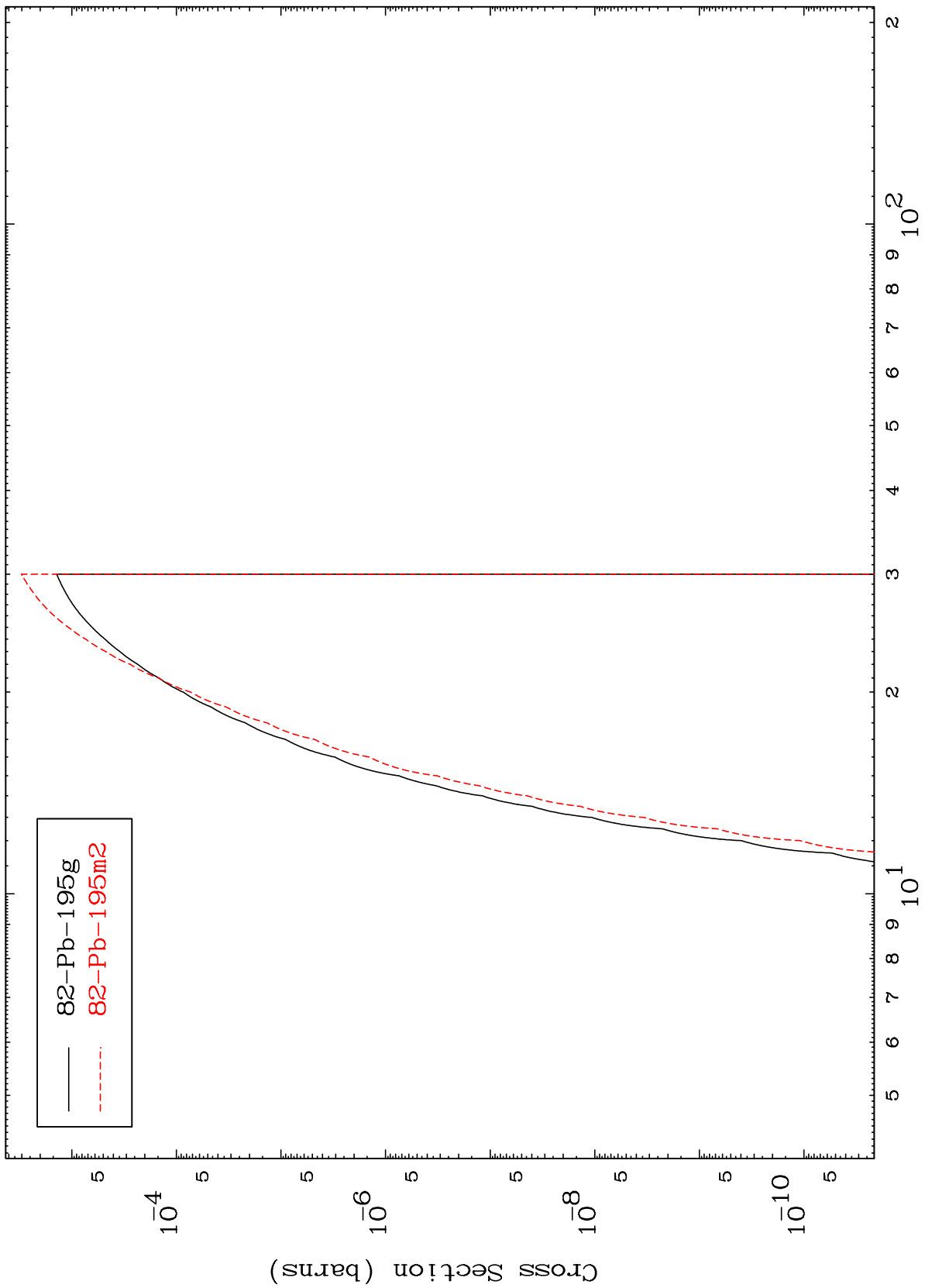
84-Po-197

MAT 8398

(n,2n) p

84-Po-197

Radionuclide Production Cross Section



81

Incident Energy (MeV)

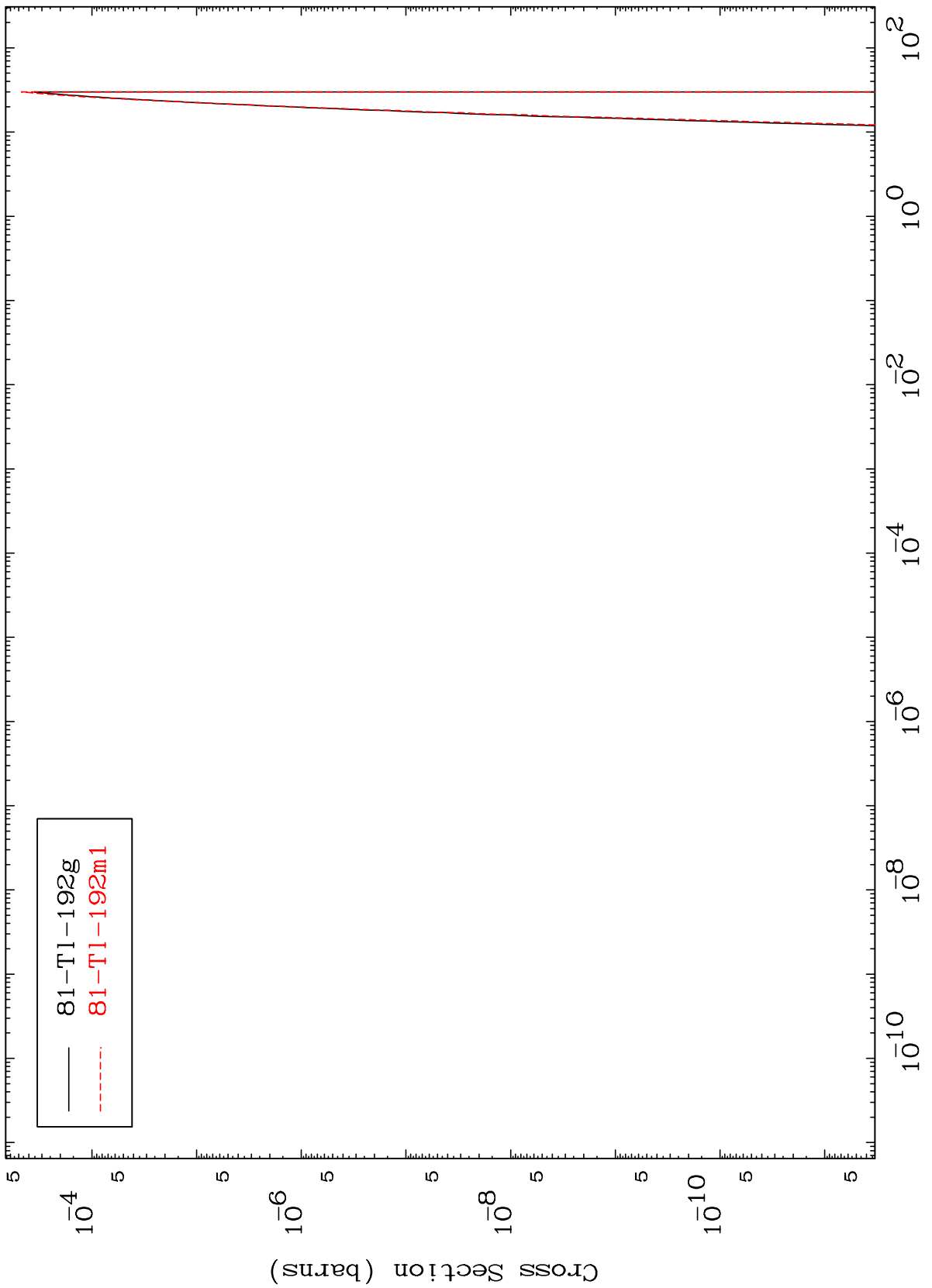
84-Po-197

MAT 8398

(n,n') p α

84-Po-197

Radionuclide Production Cross Section



81-Tl-192g
81-Tl-192m1

82

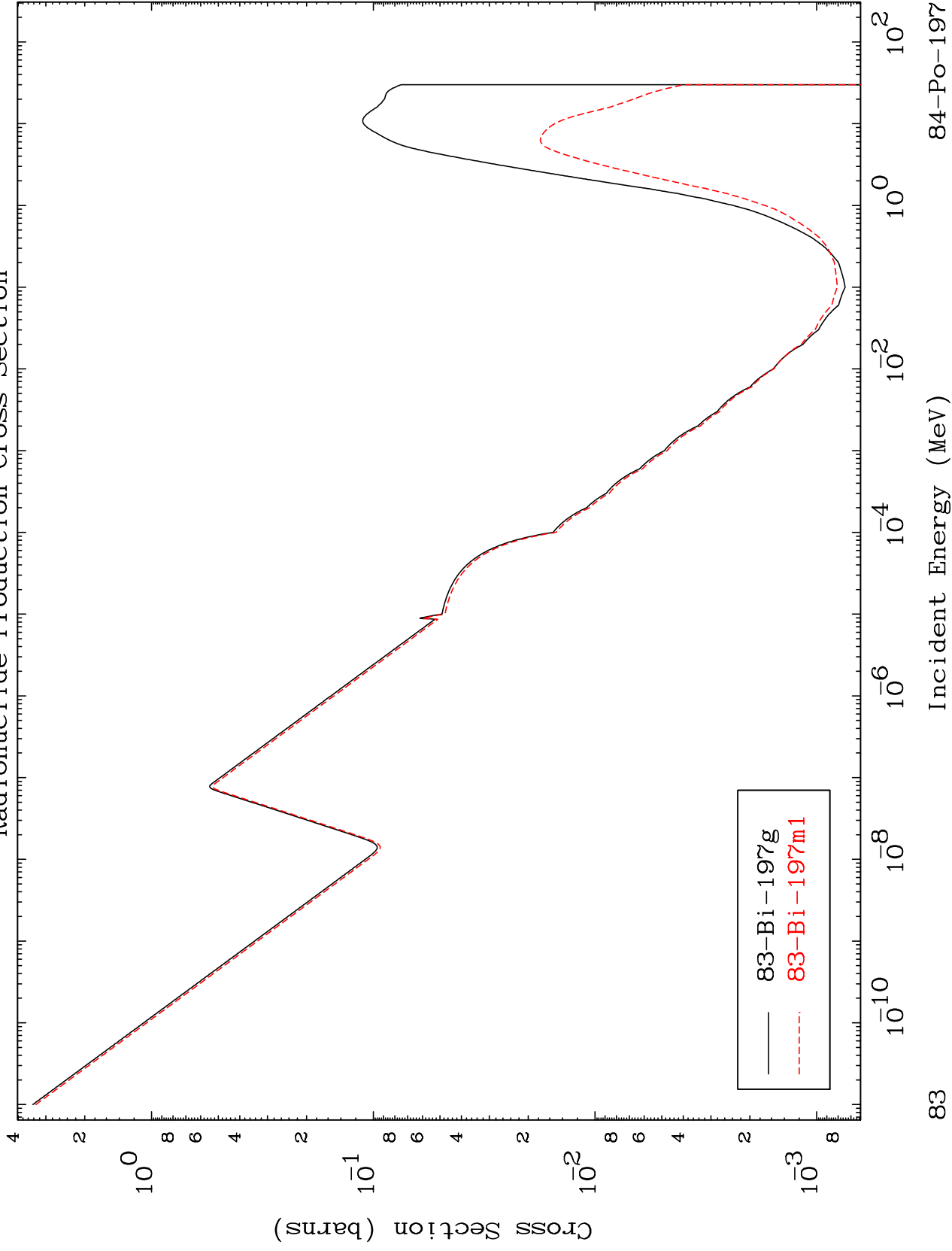
Incident Energy (MeV)

84-Po-197

MAT 8398

84-Po-197

(n,p)
Radionuclide Production Cross Section



83

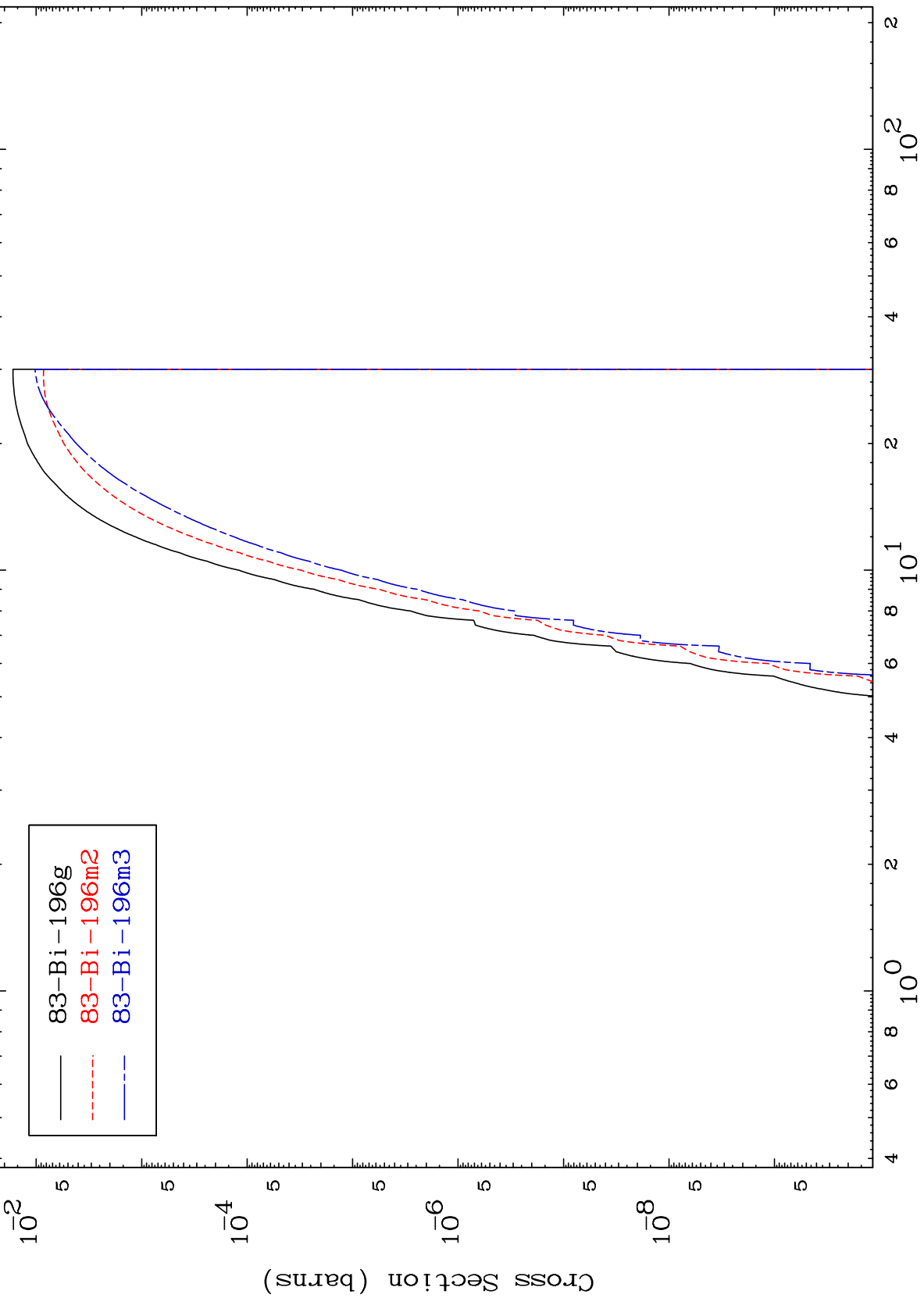
84-Po-197

MAT 8398

(n,d)

84-Po-197

Radionuclide Production Cross Section



84

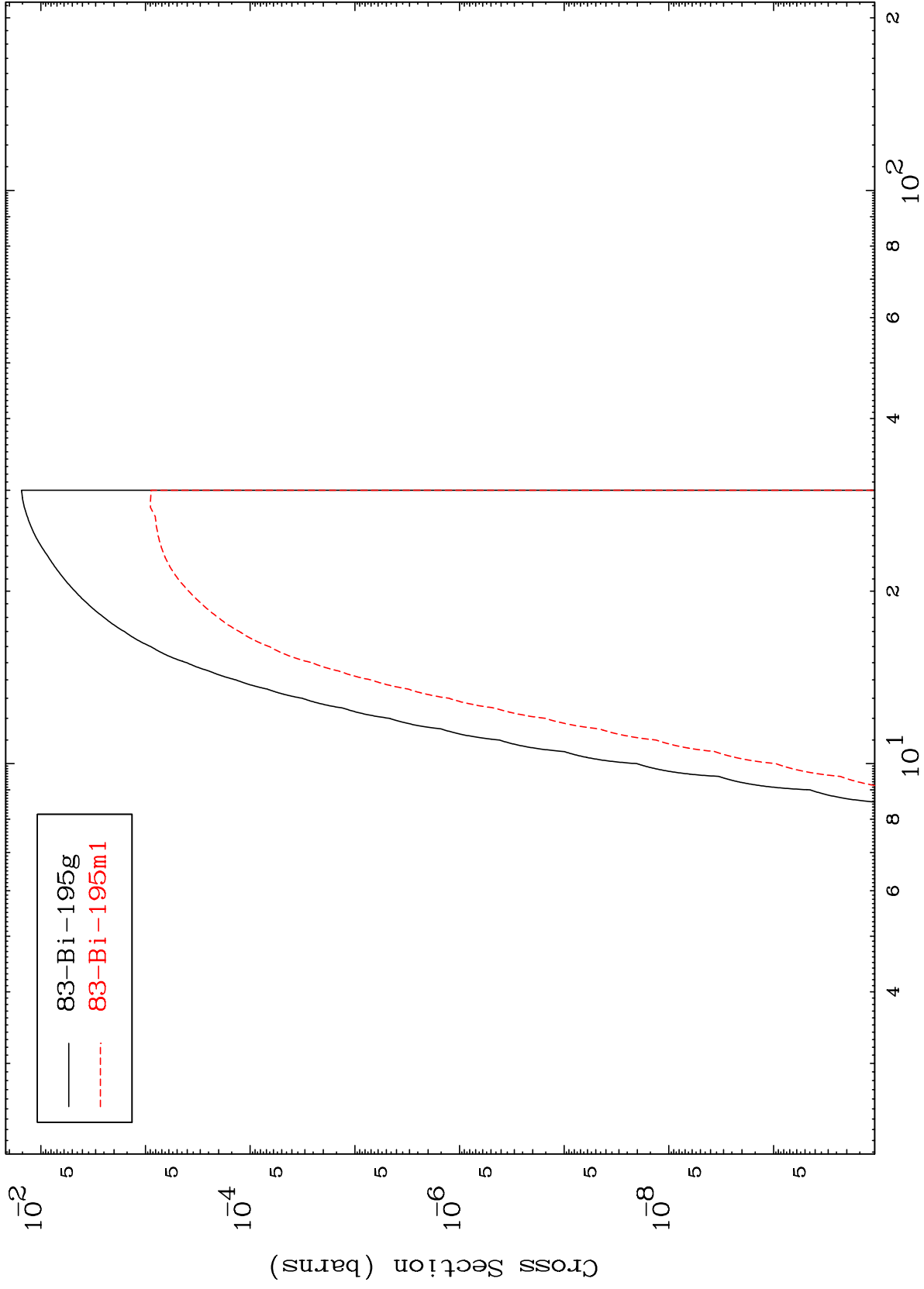
Incident Energy (MeV)

84-Po-197

MAT 8398

84-Po-197

(n, t)
Radionuclide Production Cross Section



85

84-Po-197

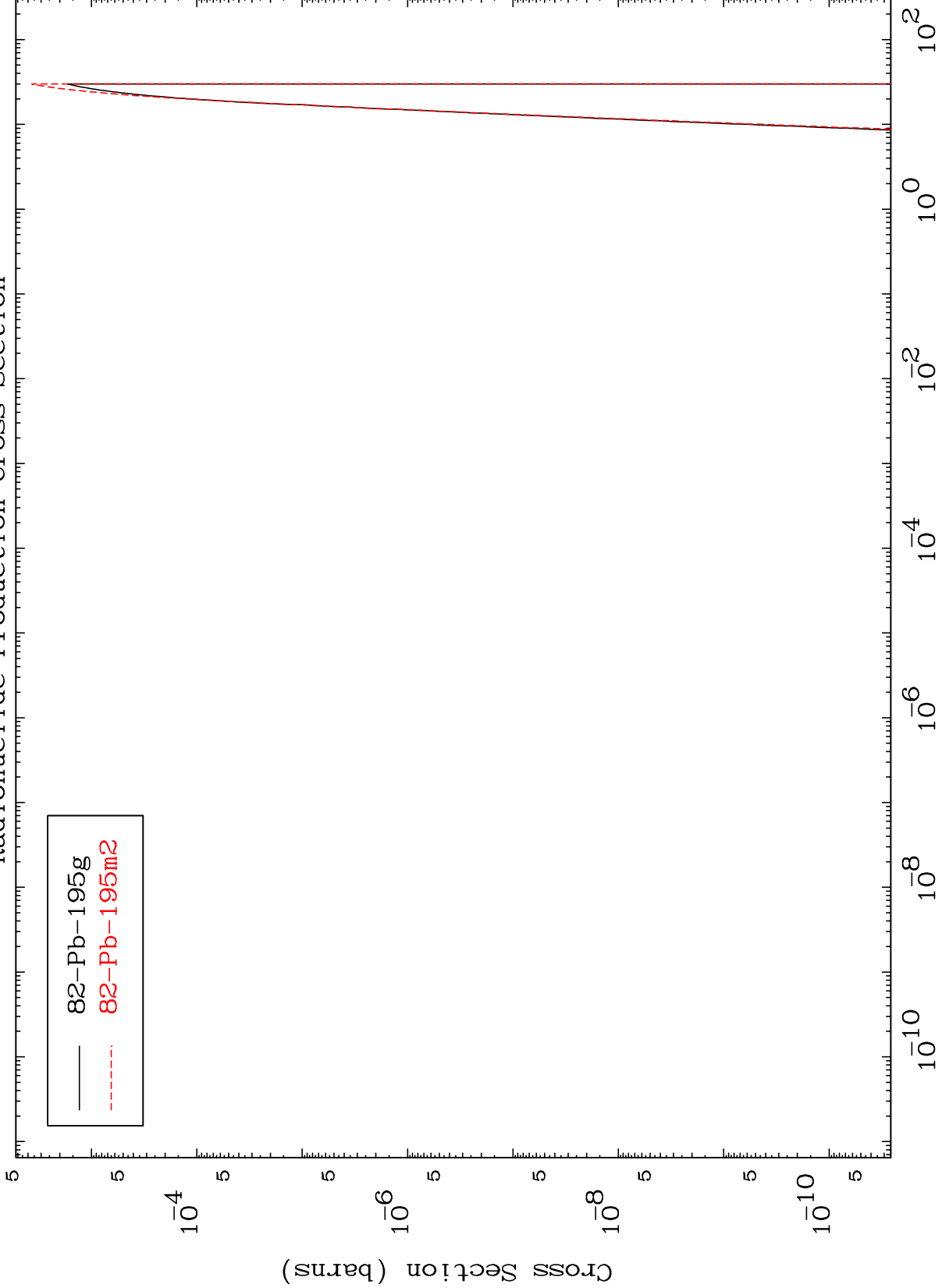
Incident Energy (MeV)

MAT 8398

(n,He-3)

84-Po-197

Radionuclide Production Cross Section



86

Incident Energy (MeV)

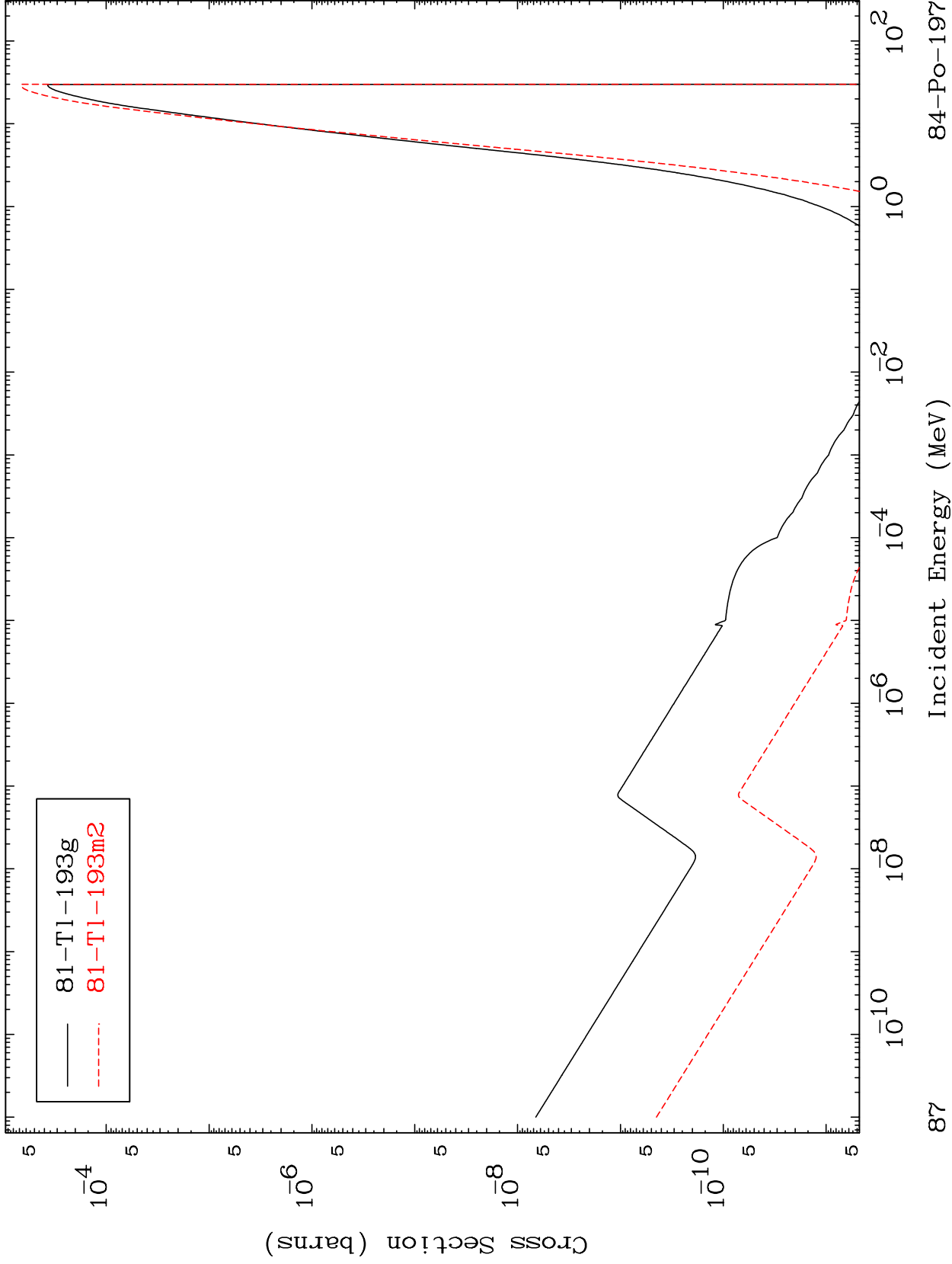
84-Po-197

MAT 8398

(n,p) α

84-Po-197

Radionuclide Production Cross Section



87

Incident Energy (MeV)

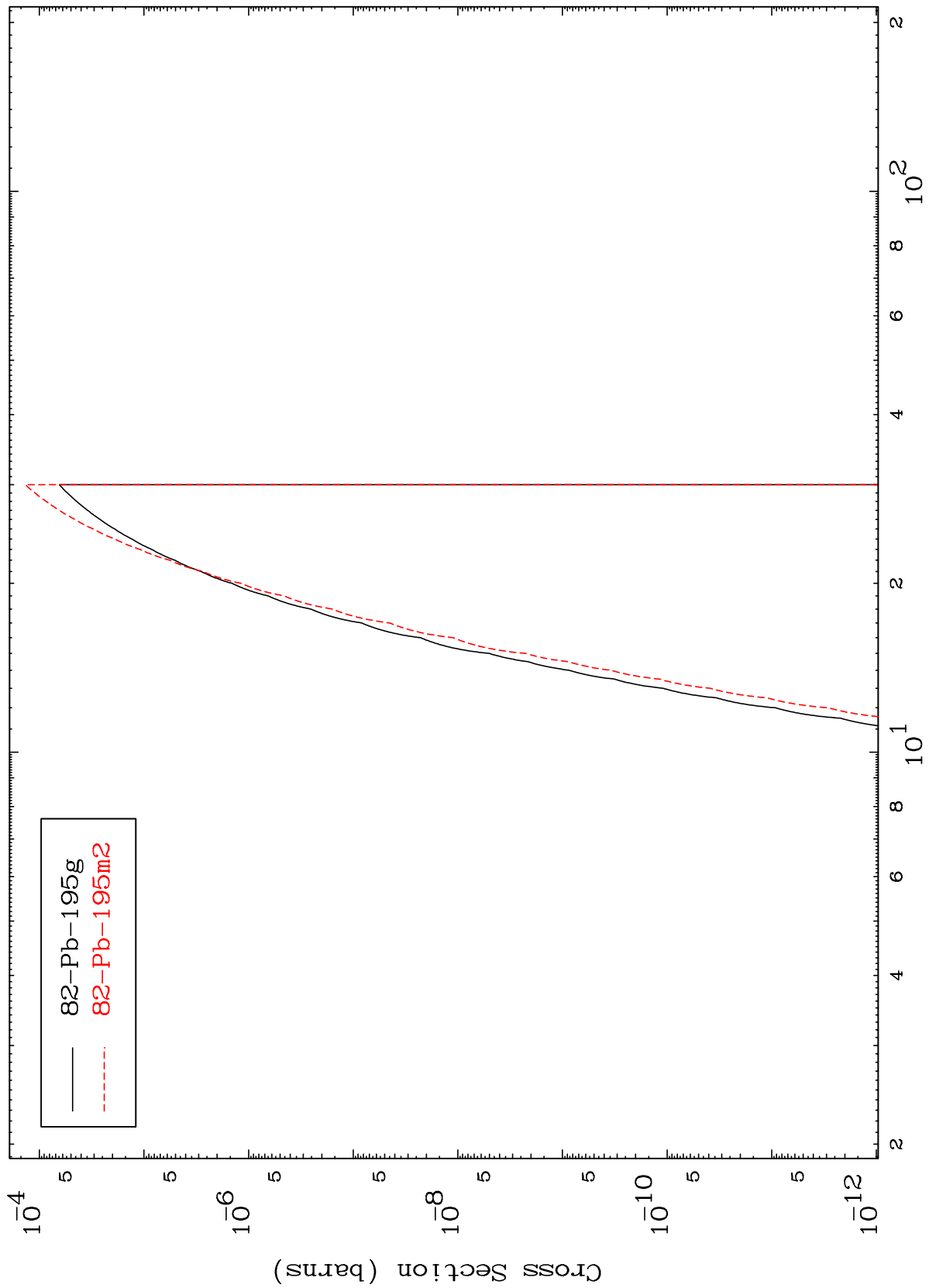
84-Po-197

MAT 8398

(n,p) d

84-Po-197

Radionuclide Production Cross Section



82-Pb-195g
82-Pb-195m2

88

Incident Energy (MeV)

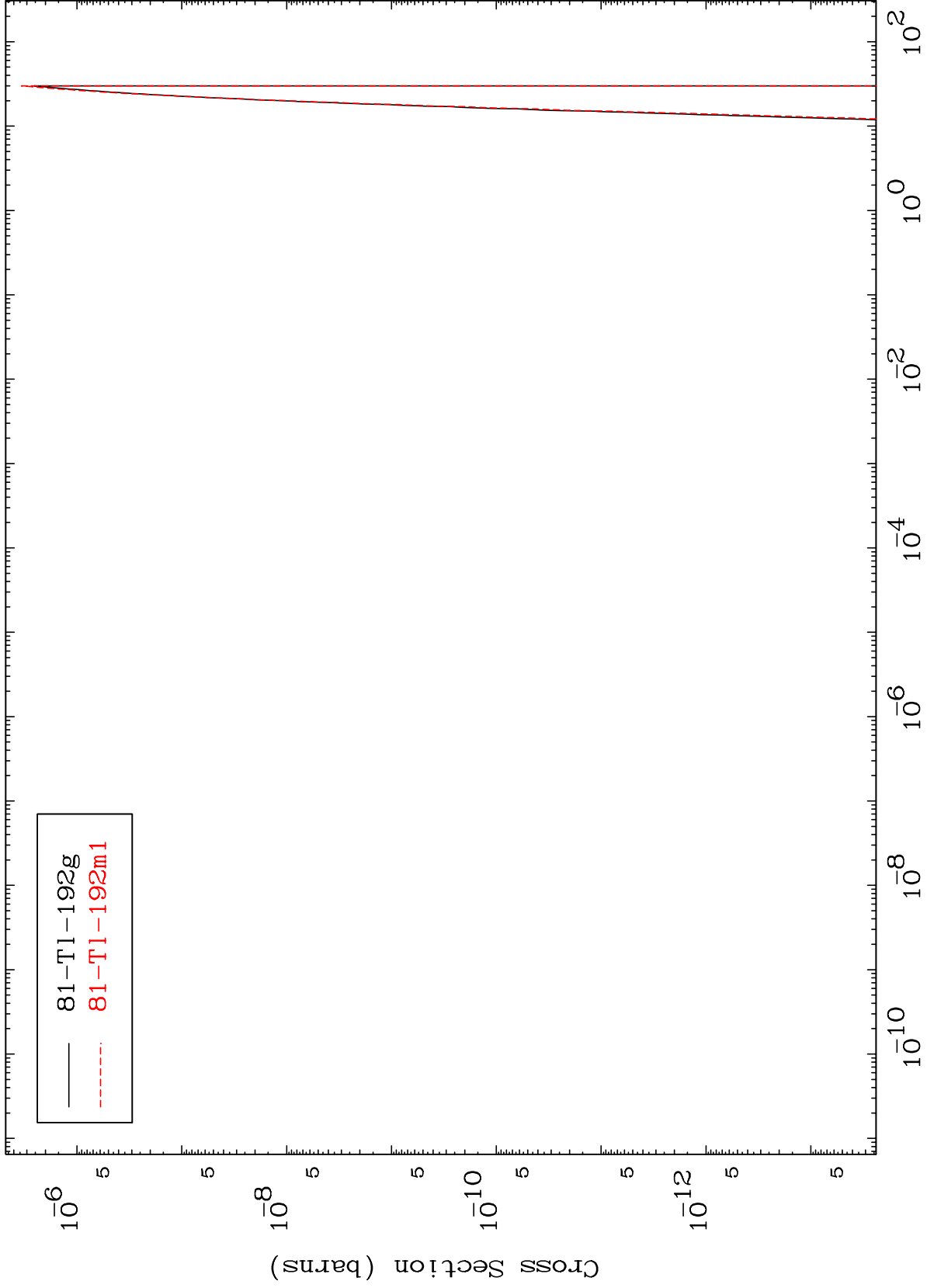
84-Po-197

MAT 8398

(n,d) α

84-Po-197

Radionuclide Production Cross Section



89

Incident Energy (MeV)

84-Po-197