

Program EVALPLOT
(Version 2021-1)

by

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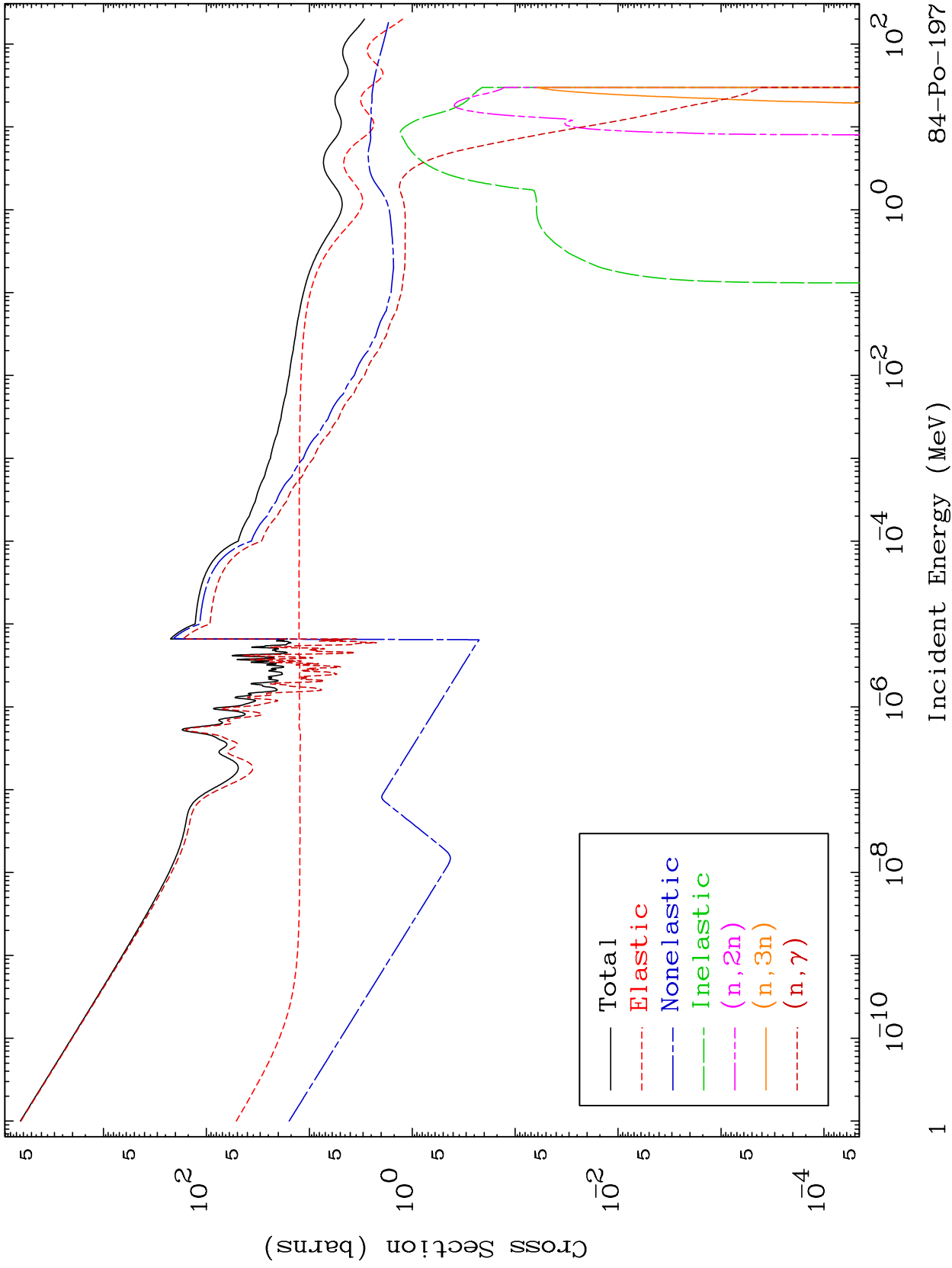
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8398

Neutron Major
293 Kelvin Cross Sections

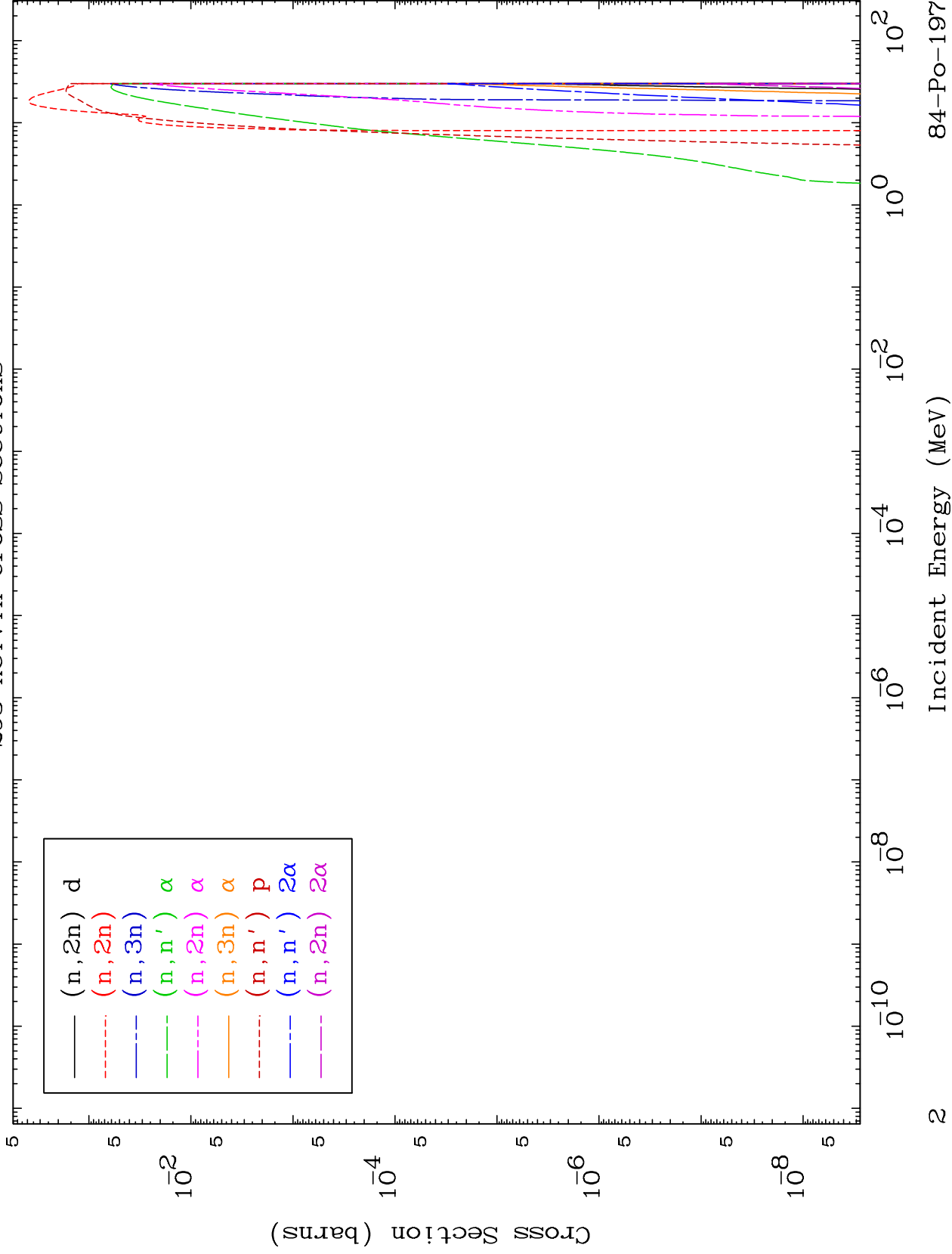
84-Po-197

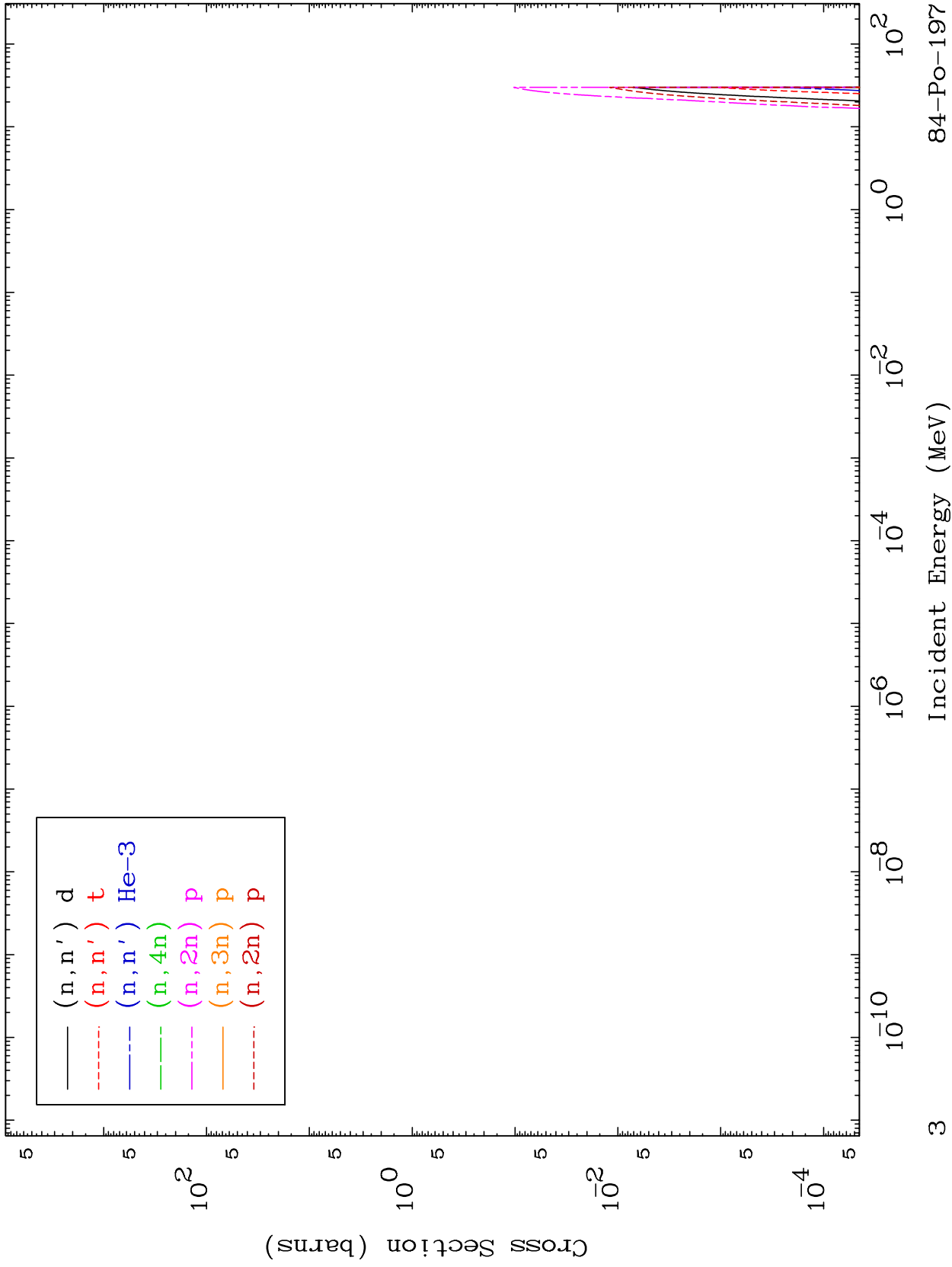


MAT 8398

Neutron Absorption
293 Kelvin Cross Sections

84-Po-197

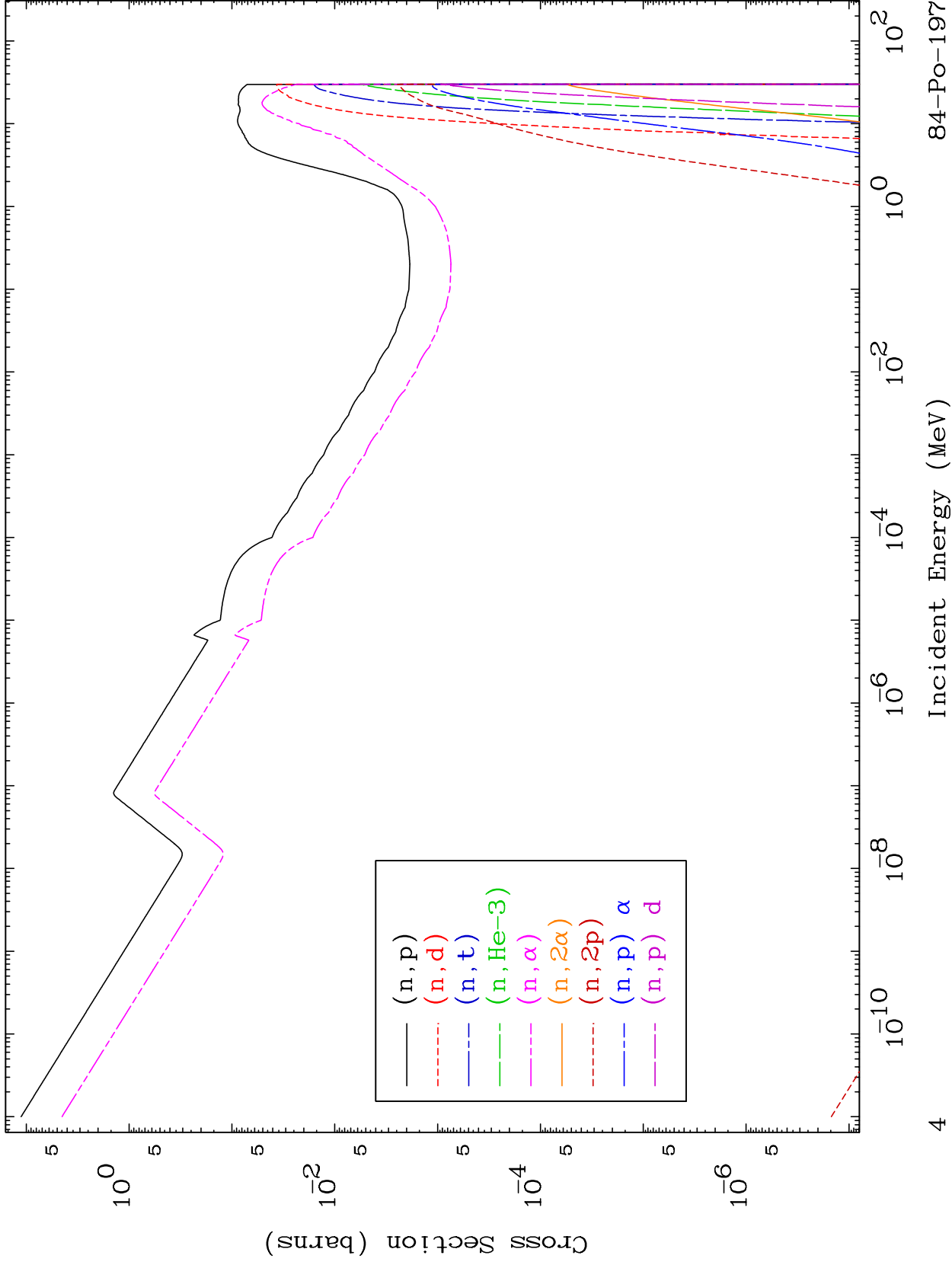




MAT 8398

Neutron Absorption
293 Kelvin Cross Sections

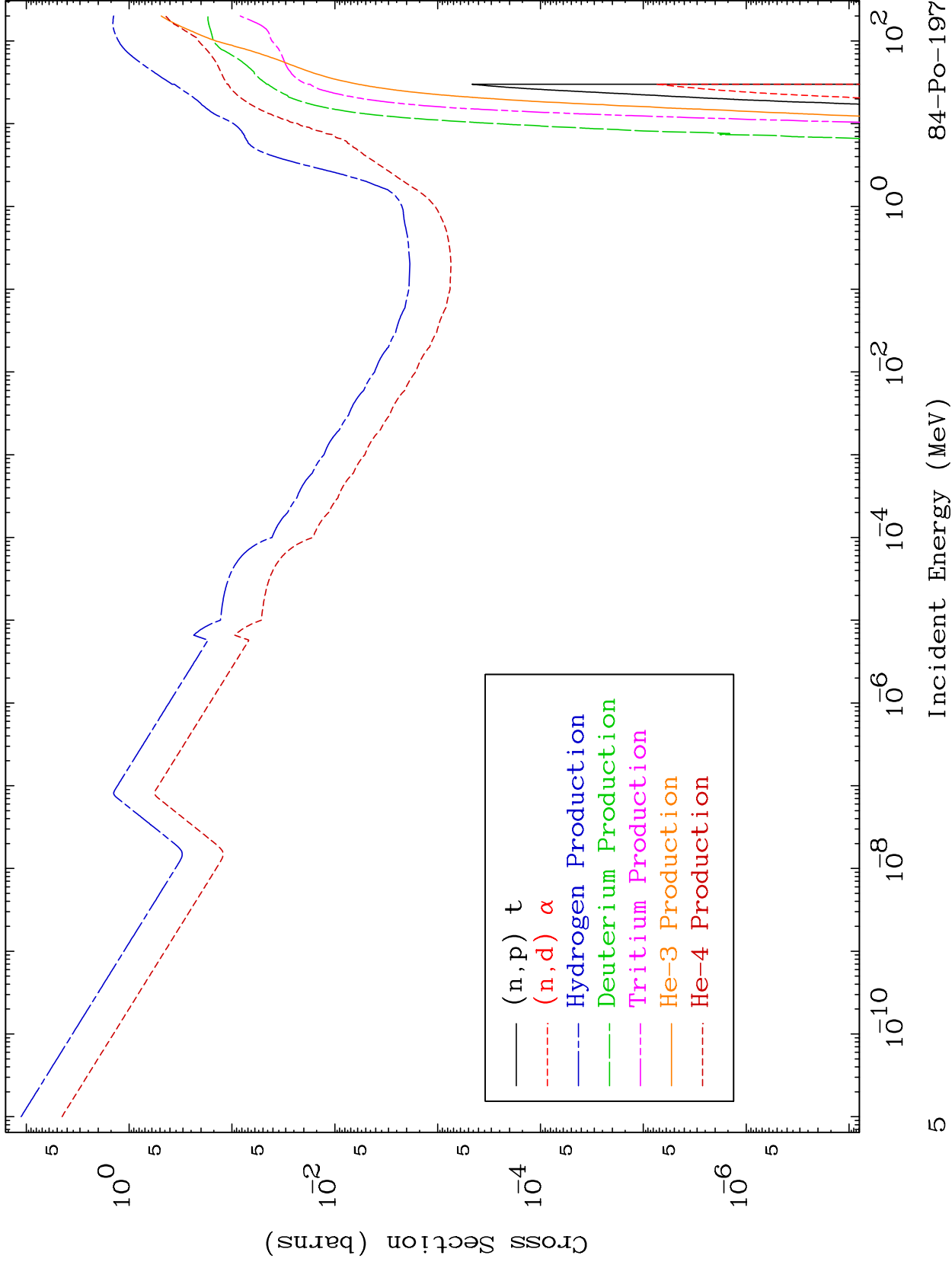
84-Po-197



MAT 8398

Neutron Absorption
293 Kelvin Cross Sections

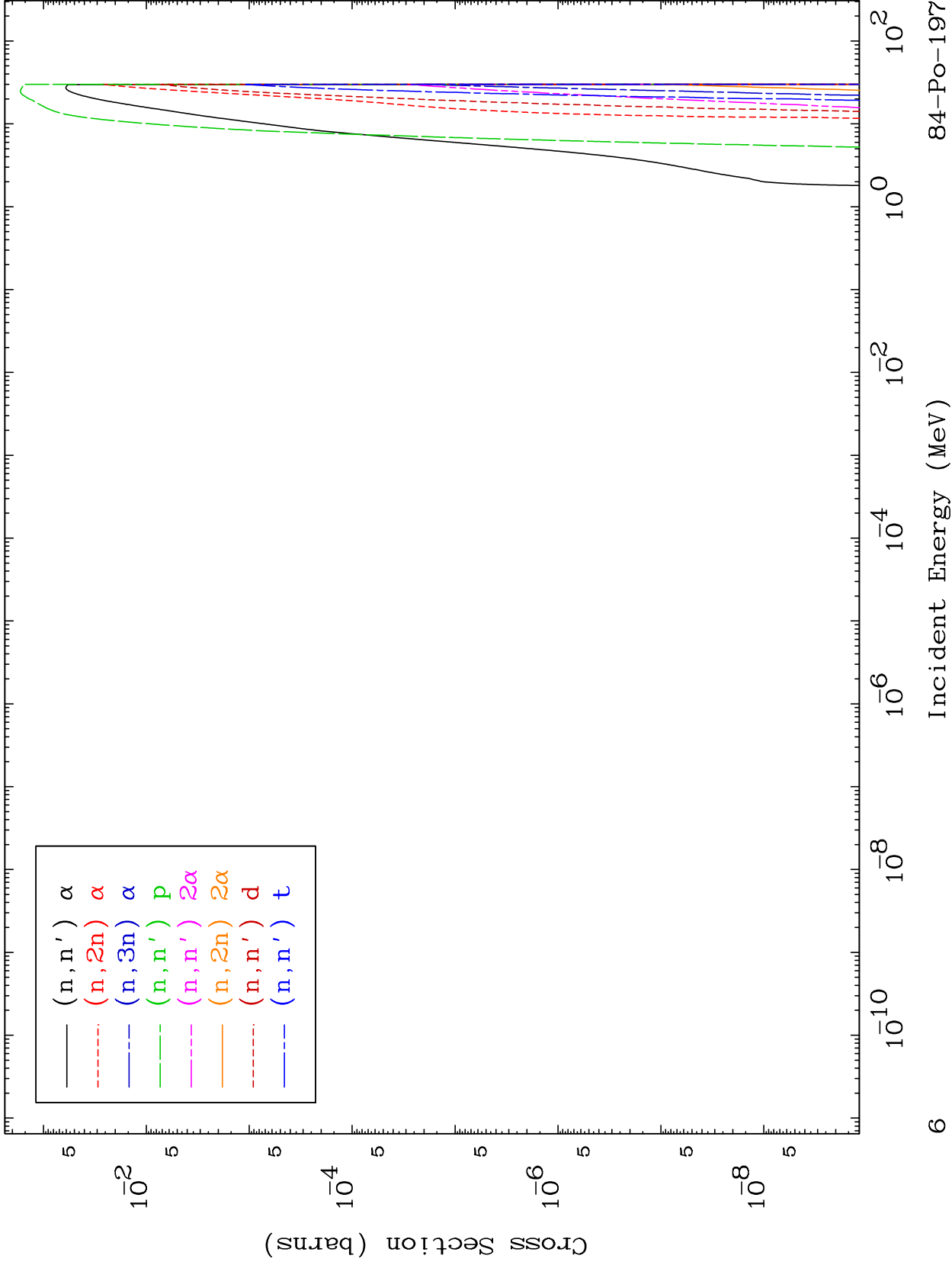
84-Po-197



MAT 8398

Charged Particle
293 Kelvin Cross Sections

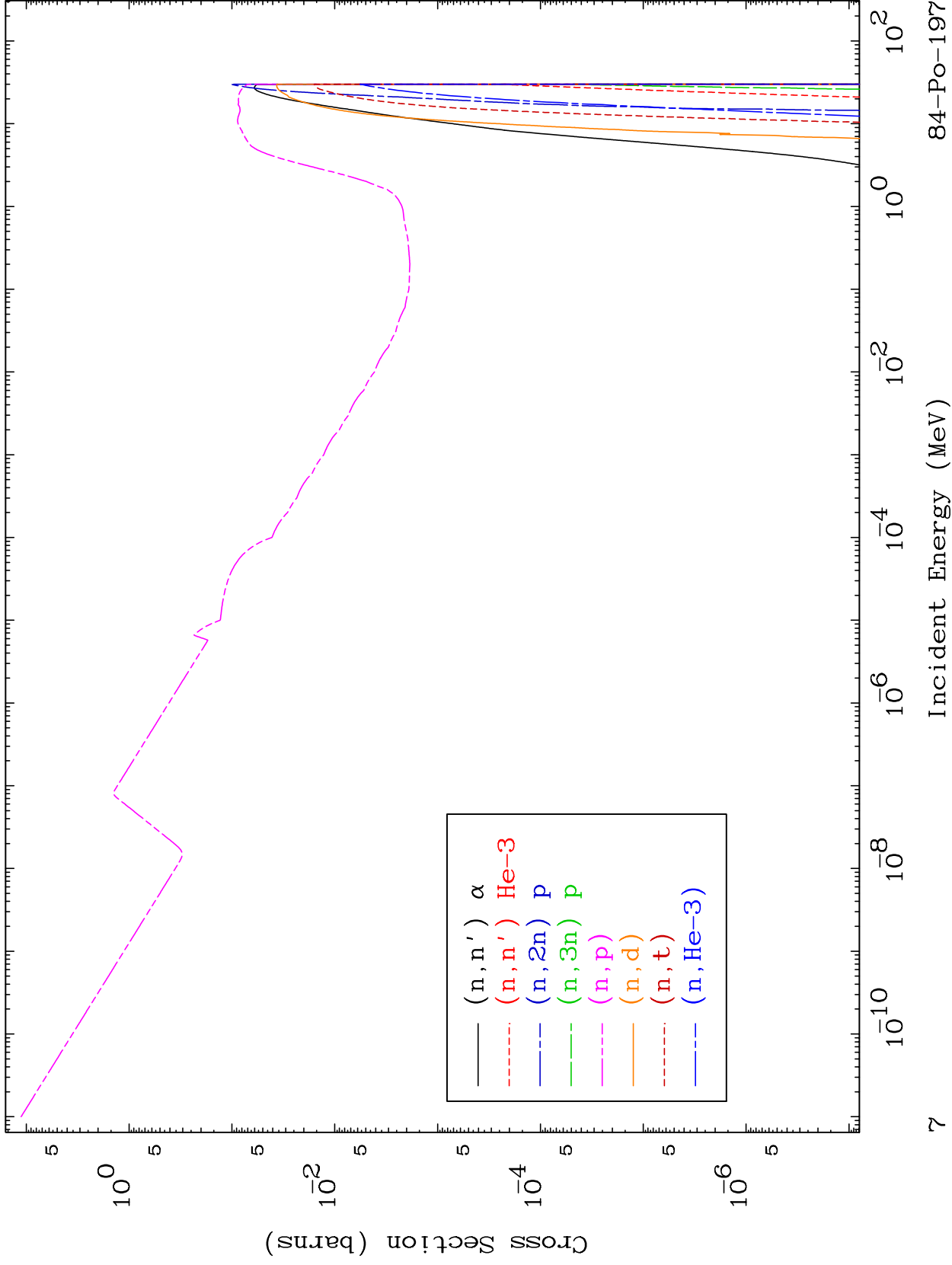
84-Po-197



MAT 8398

Charged Particle
293 Kelvin Cross Sections

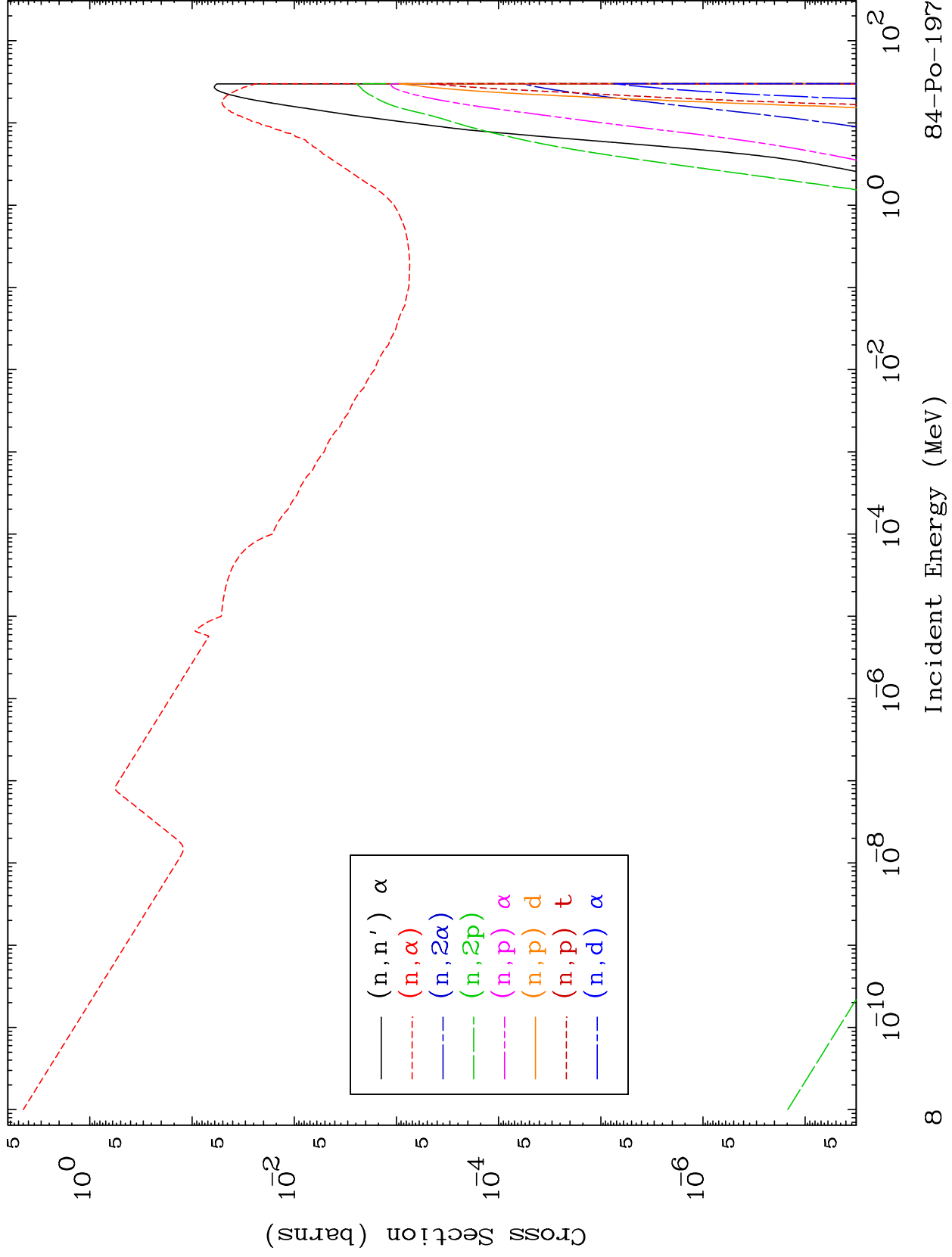
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MAT 8398

Charged Particle
293 Kelvin Cross Sections

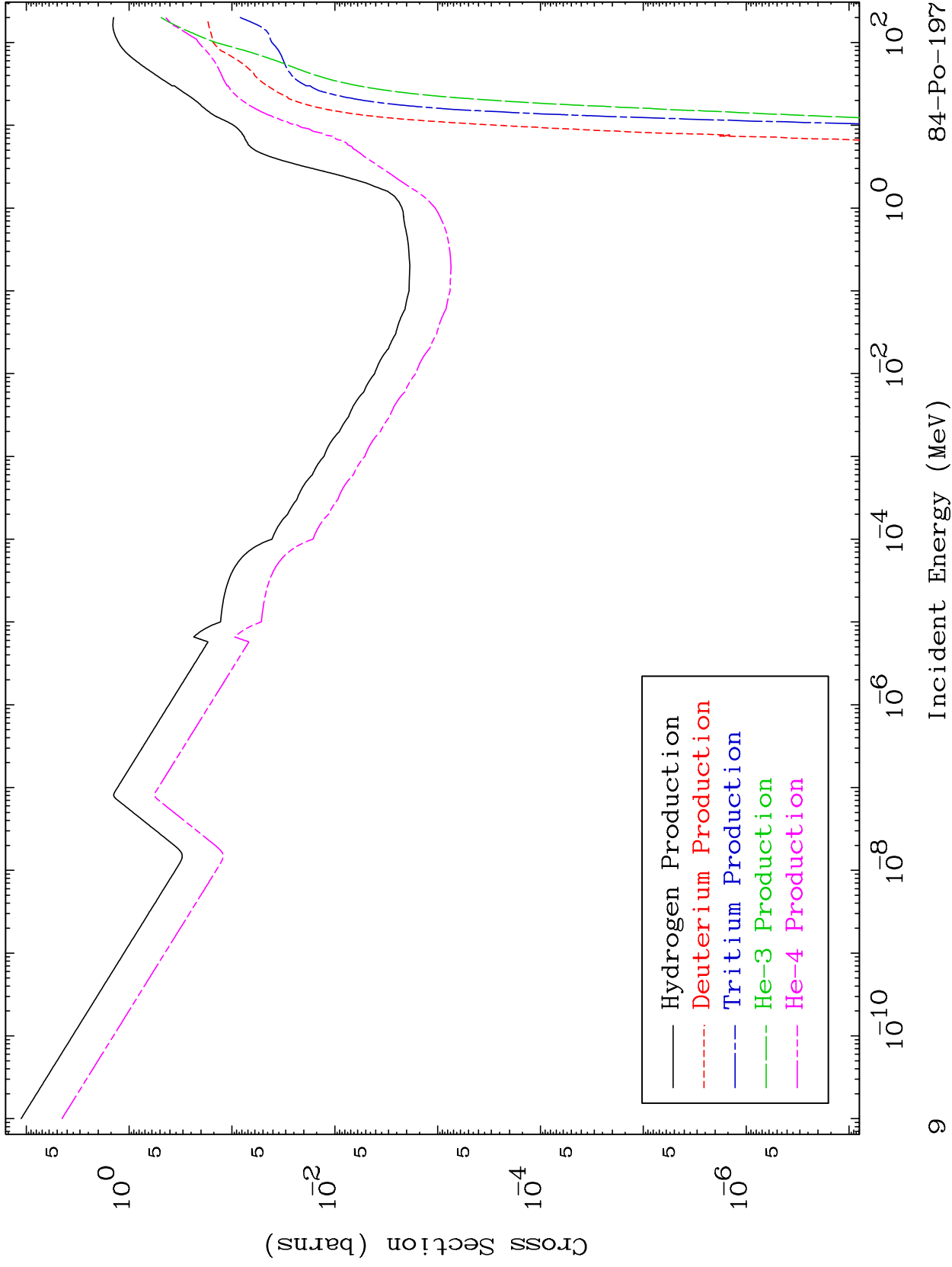
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MAT 8398

Particle Production
293 Kelvin Cross Sections

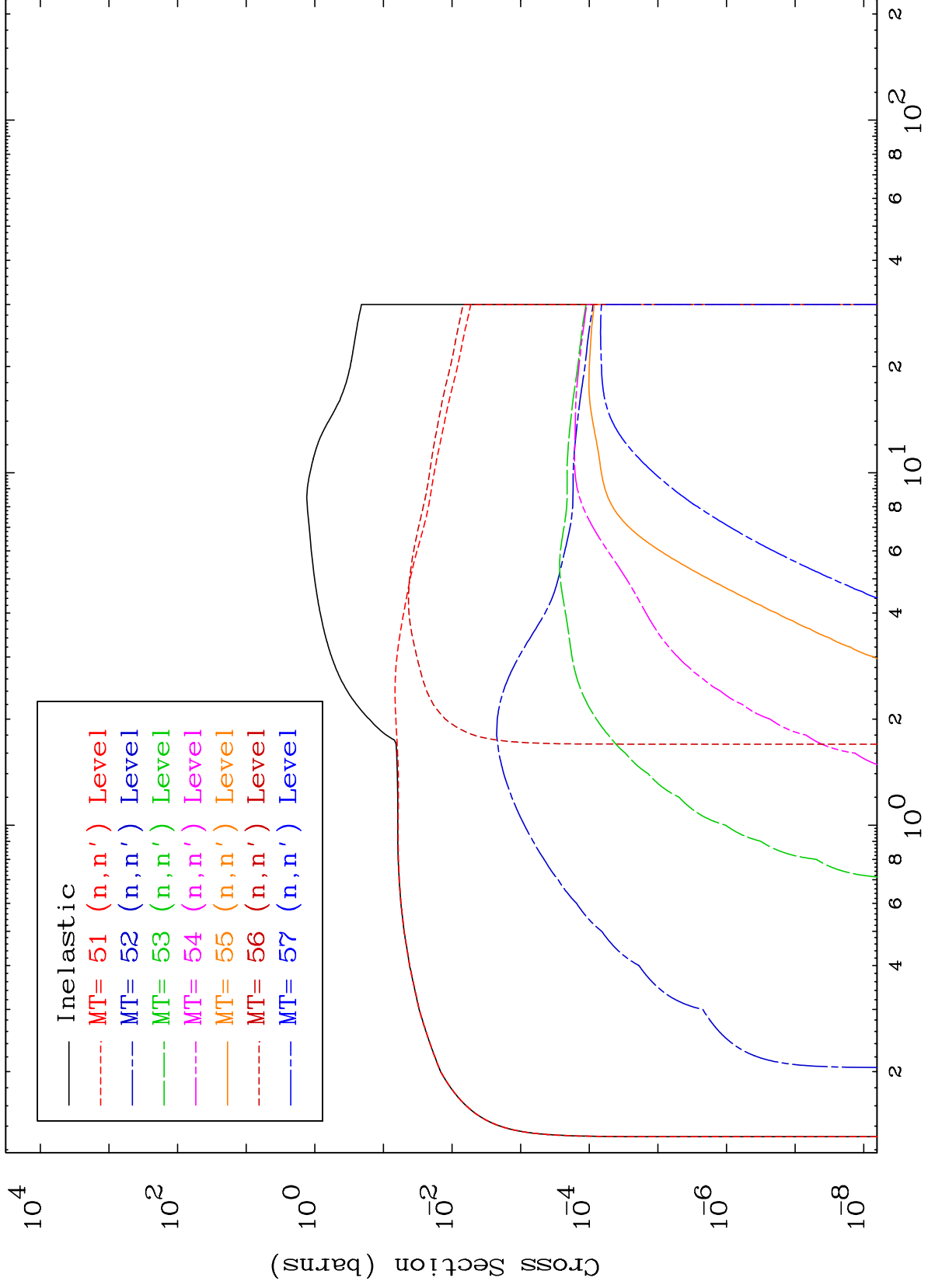
84-Po-197



MAT 8398

(n,n') Levels
293 Kelvin Cross Sections

84-Po-197



10

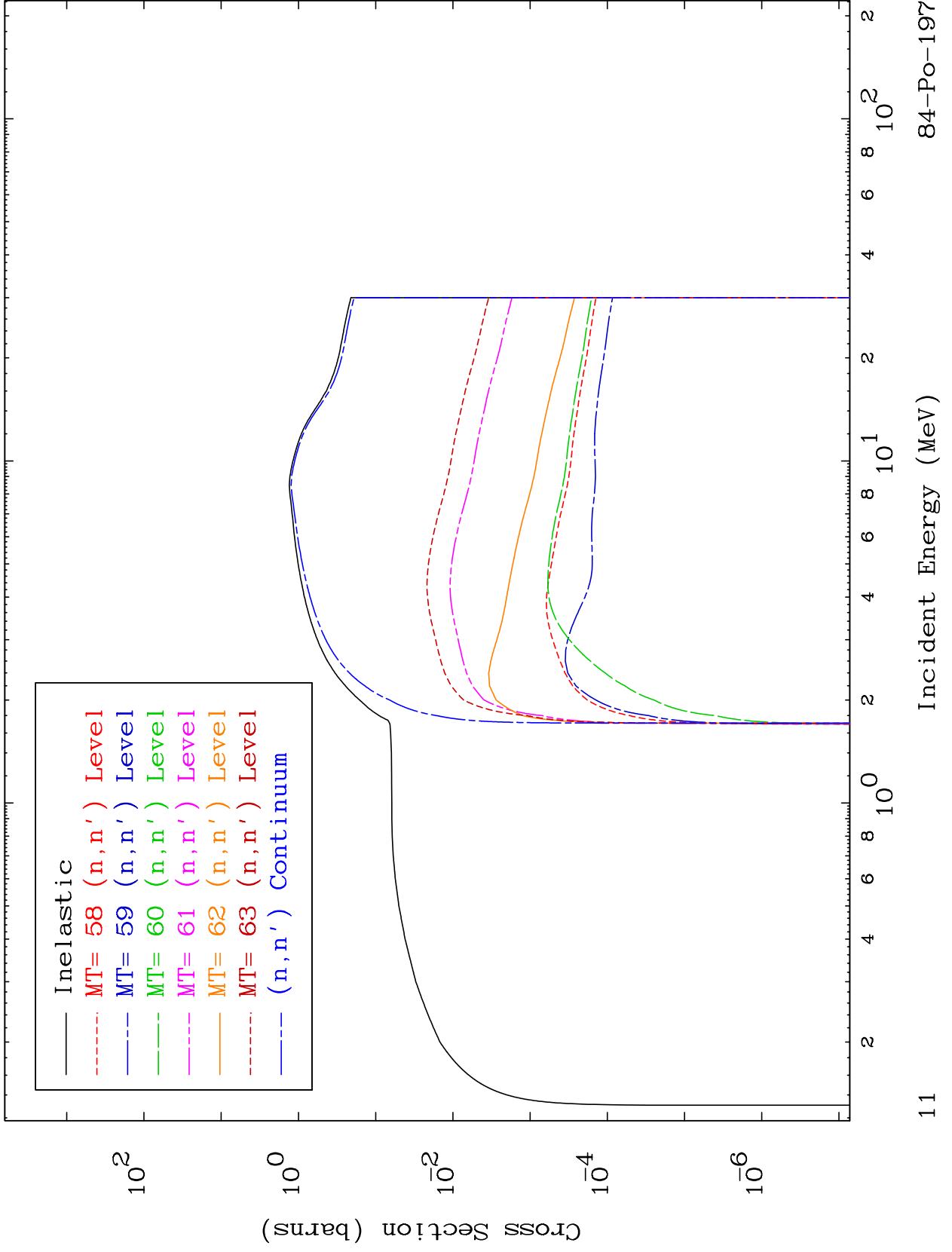
Incident Energy (MeV)

84-Po-197

MAT 8398

(n,n') Levels
293 Kelvin Cross Sections

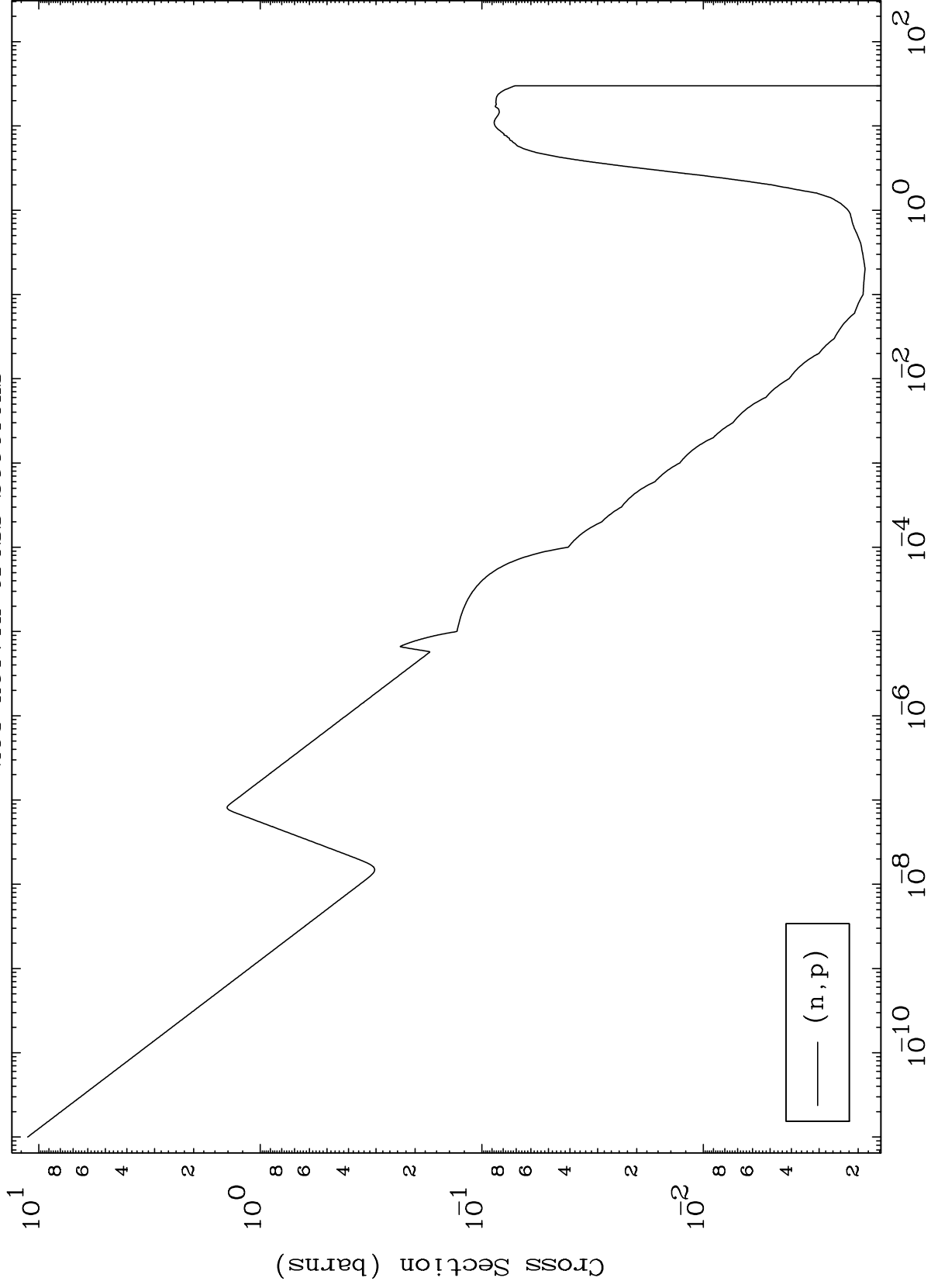
84-Po-197



MAT 8398

(n,p) Levels
293 Kelvin Cross Sections

84-Po-197



12

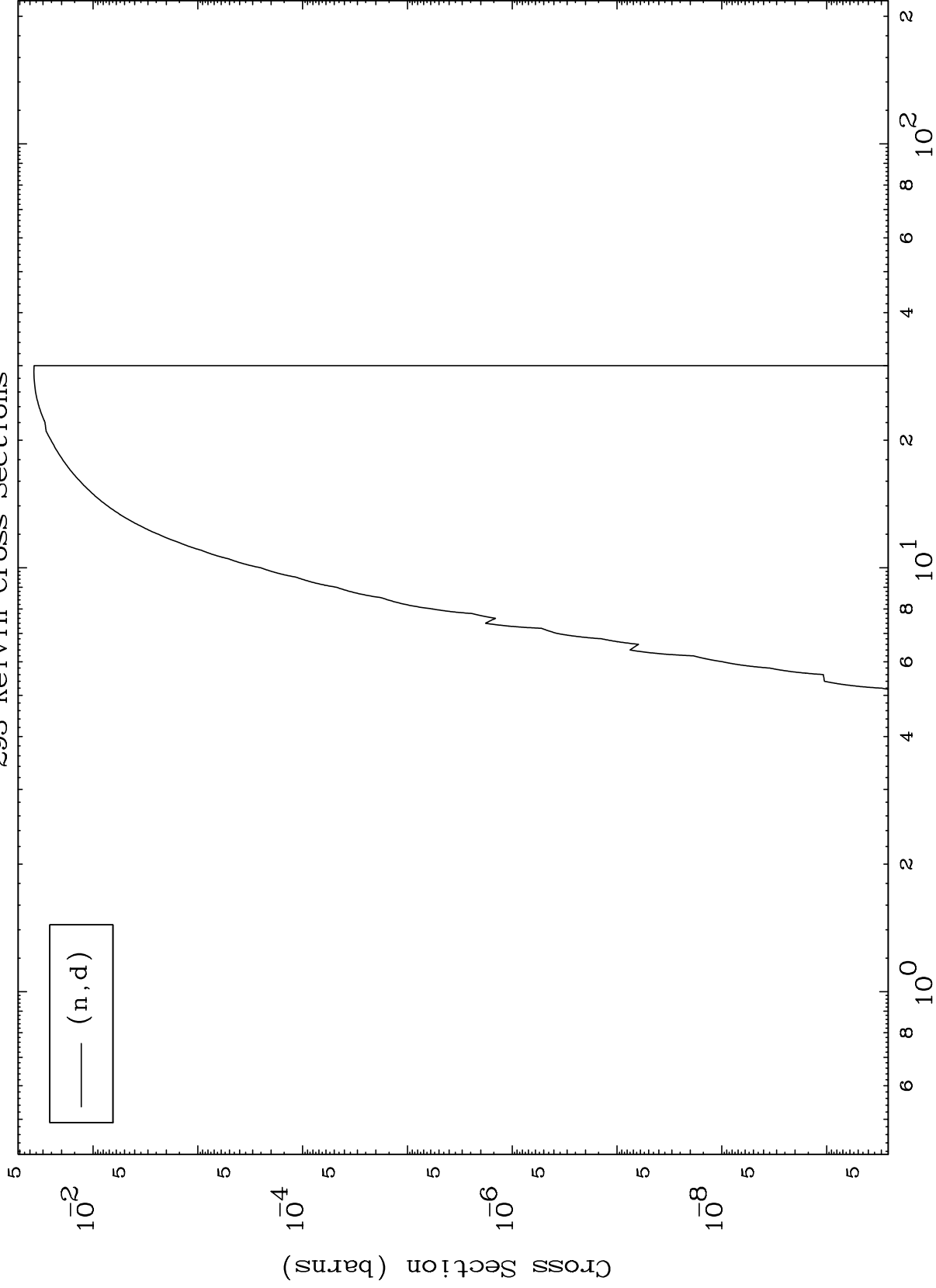
Incident Energy (MeV)

84-Po-197

MAT 8398

(n,d) Levels
293 Kelvin Cross Sections

84-Po-197



13

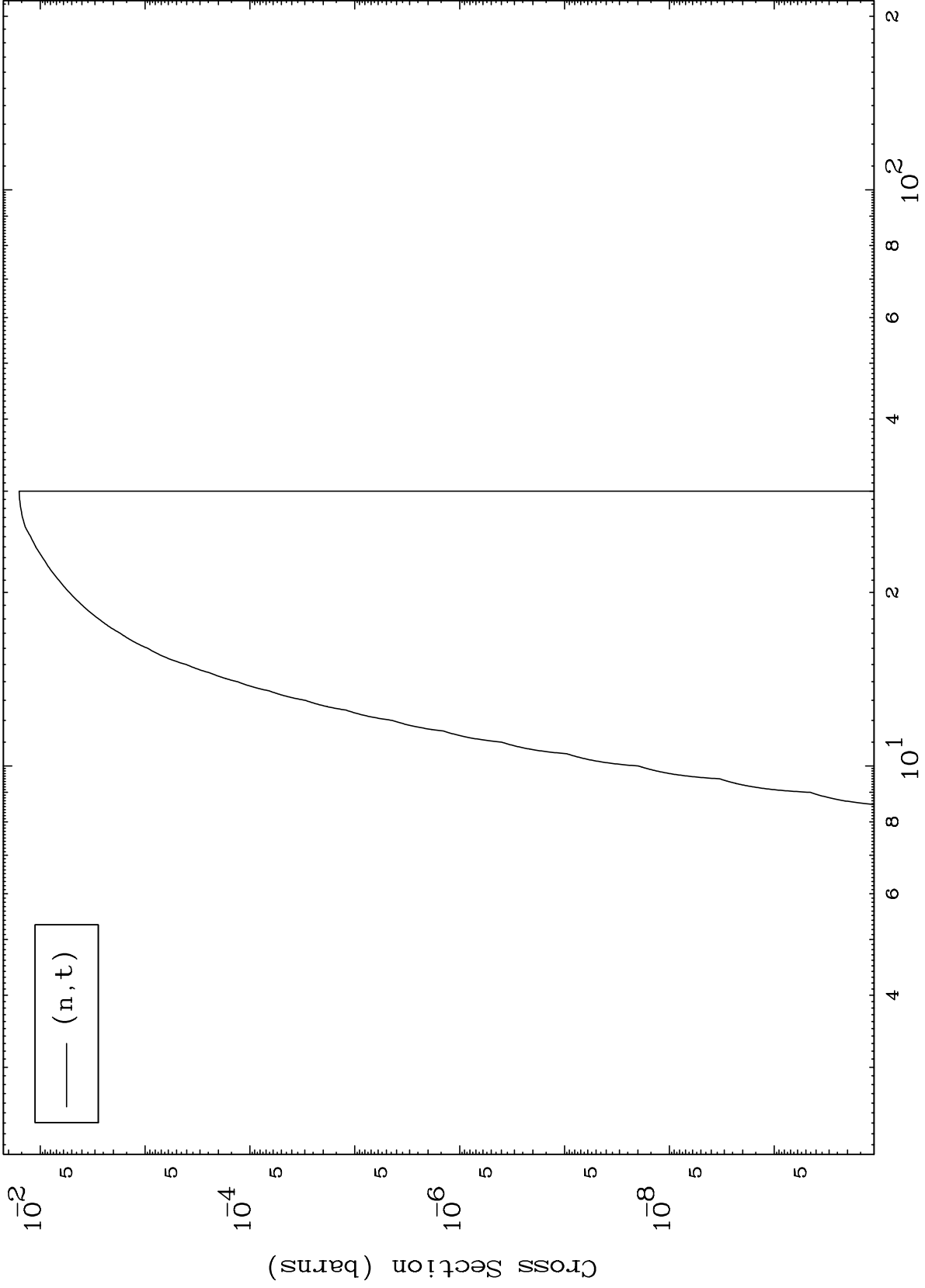
Incident Energy (MeV)

84-Po-197

MAT 8398

(n,t) Levels
293 Kelvin Cross Sections

84-Po-197



(n,t)

84-Po-197

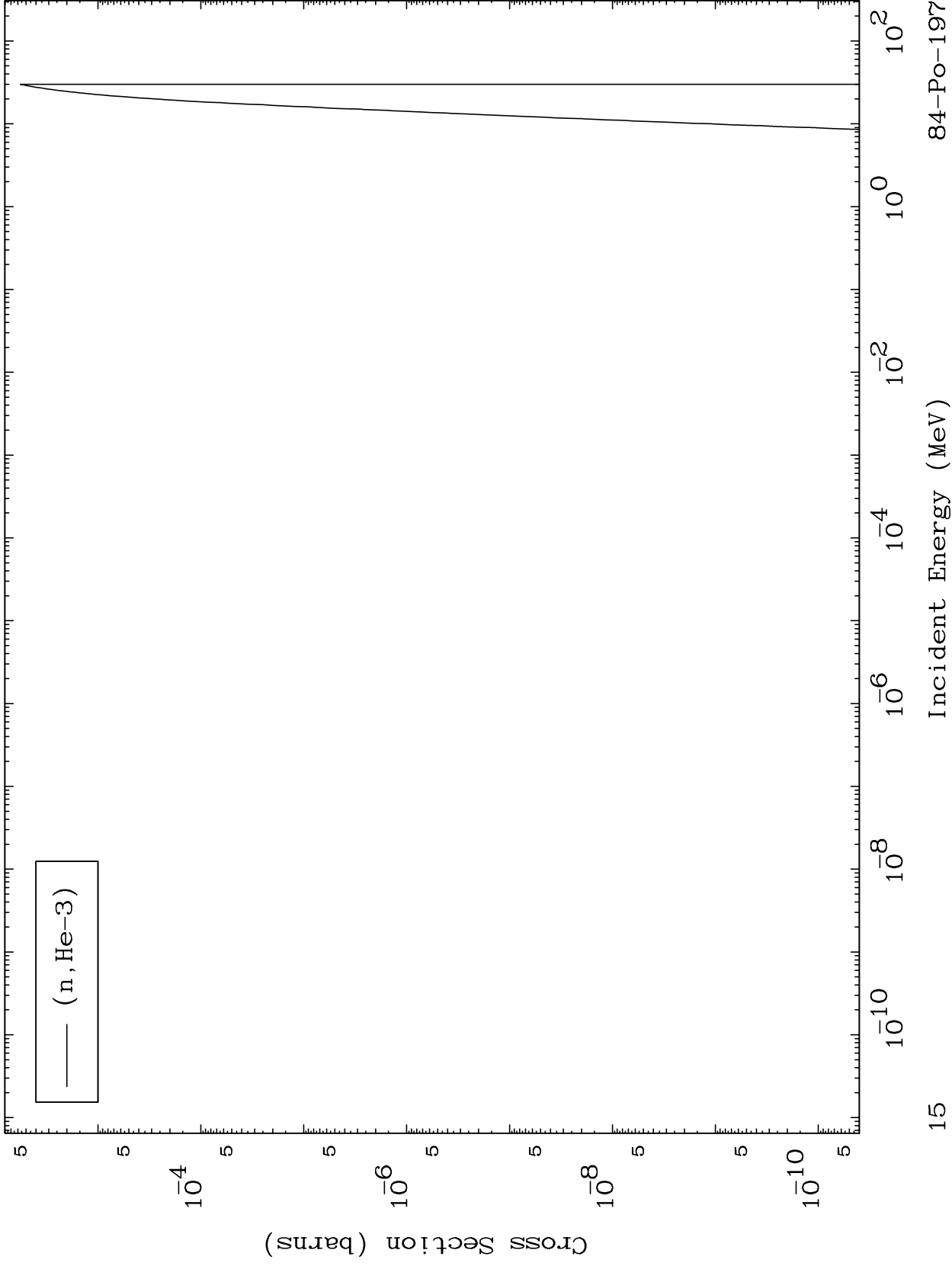
Incident Energy (MeV)

14

MAT 8398

(n,He3) Levels
293 Kelvin Cross Sections

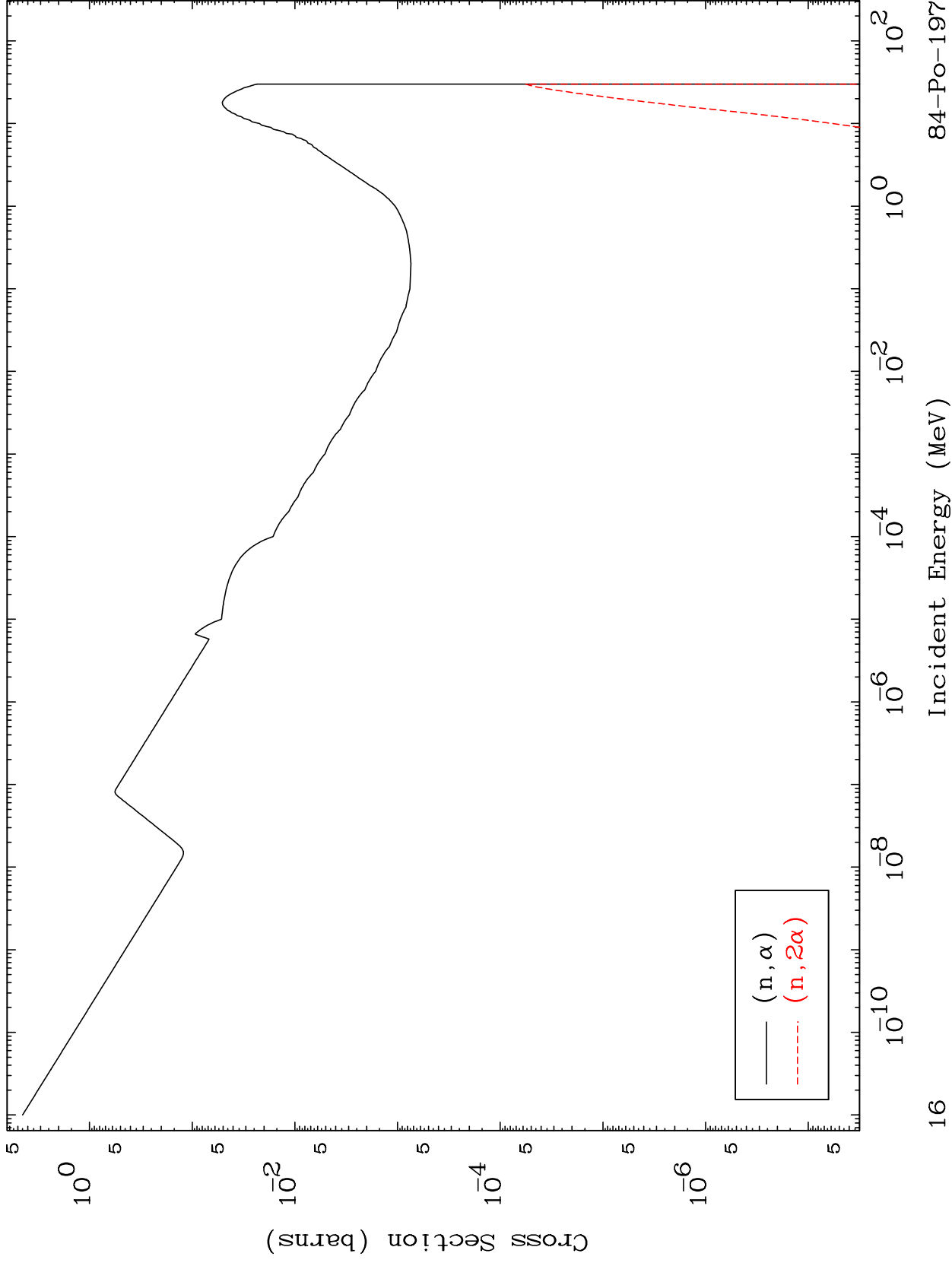
84-Po-197



MAT 8398

(n, α) Levels
293 Kelvin Cross Sections

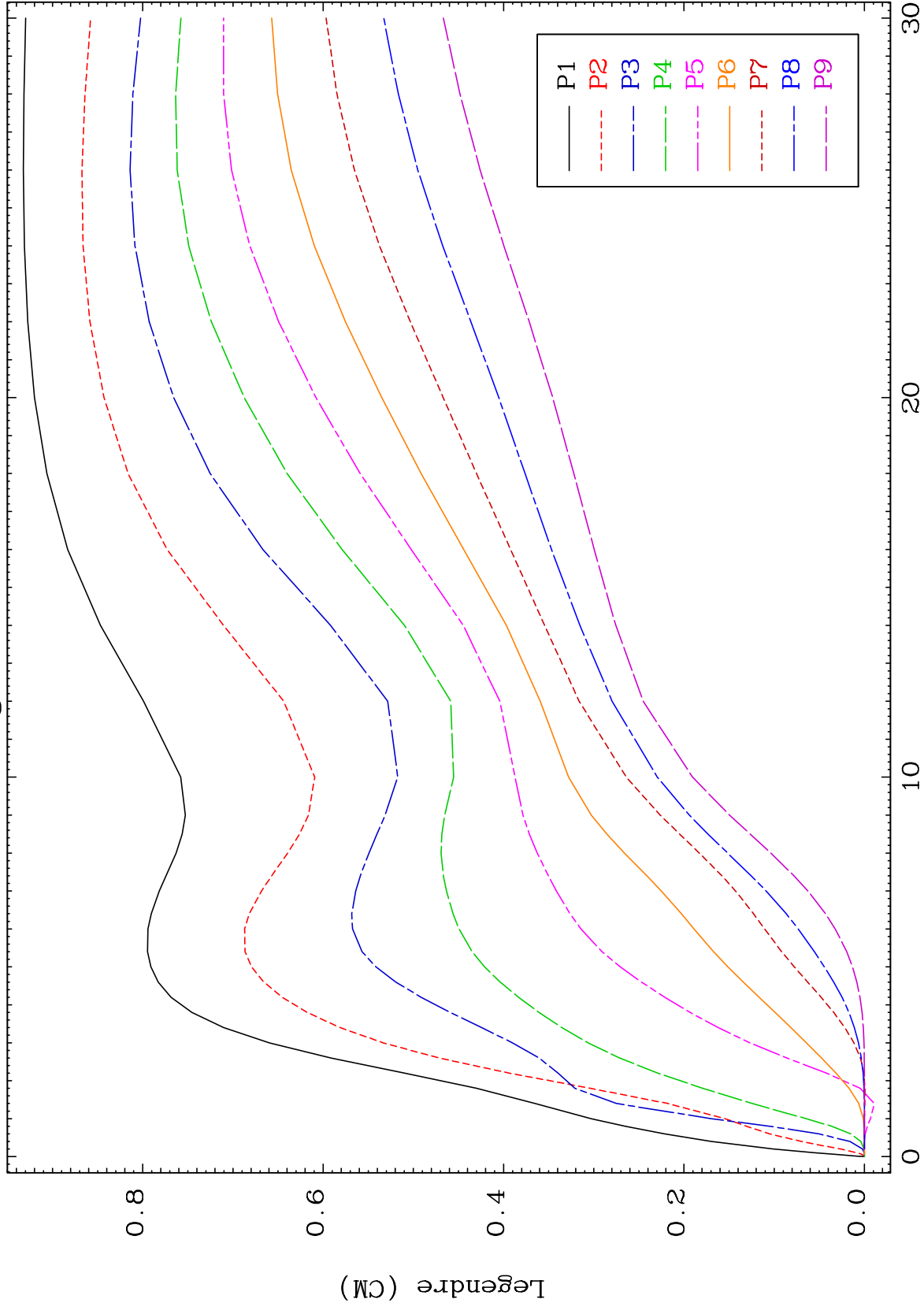
84-Po-197



MAT 8398

Elastic Legendre Coefficients

84-Po-197



17

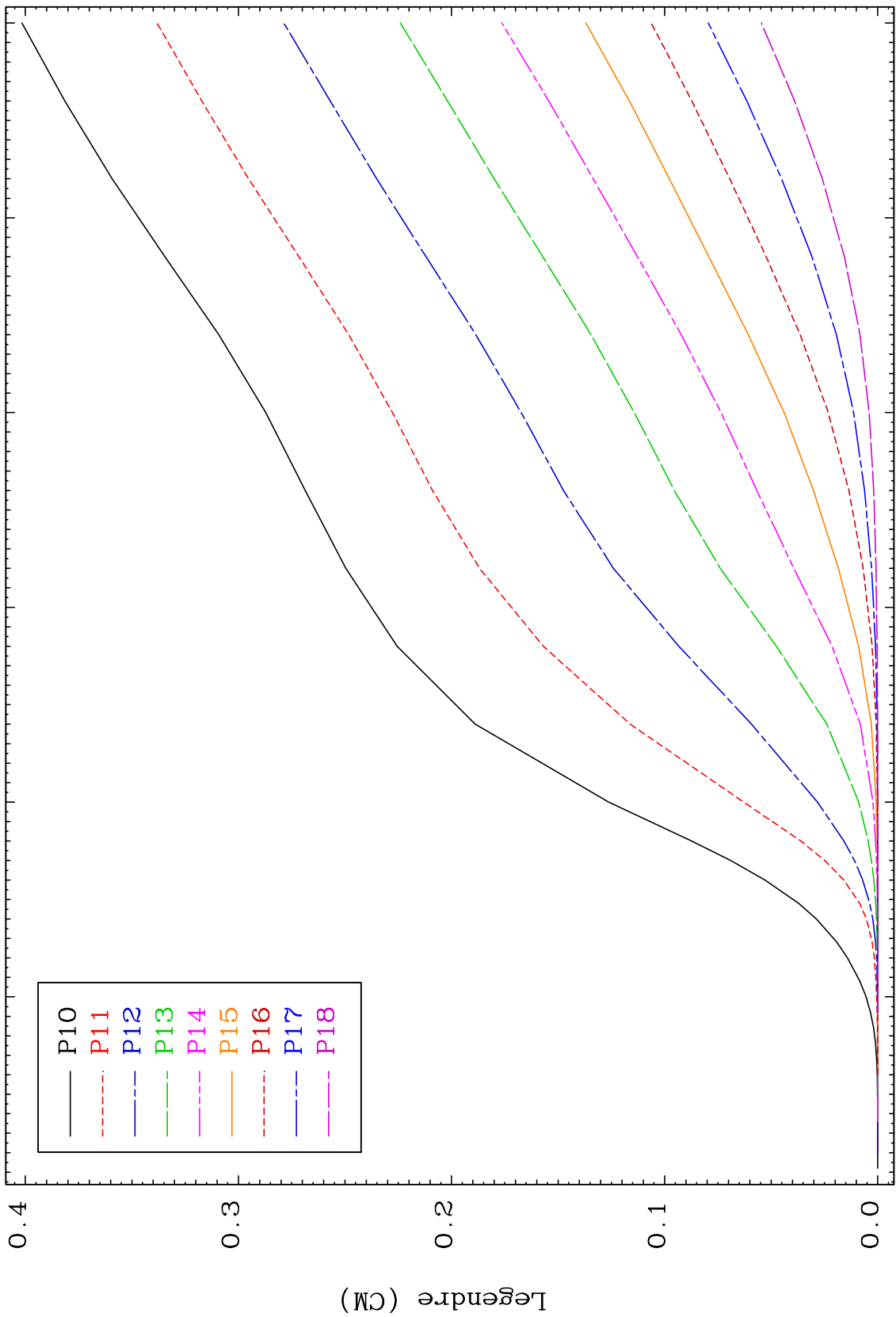
Incident Energy (MeV)

84-Po-197

MAT 8398

Elastic Legendre Coefficients

84-Po-197



18

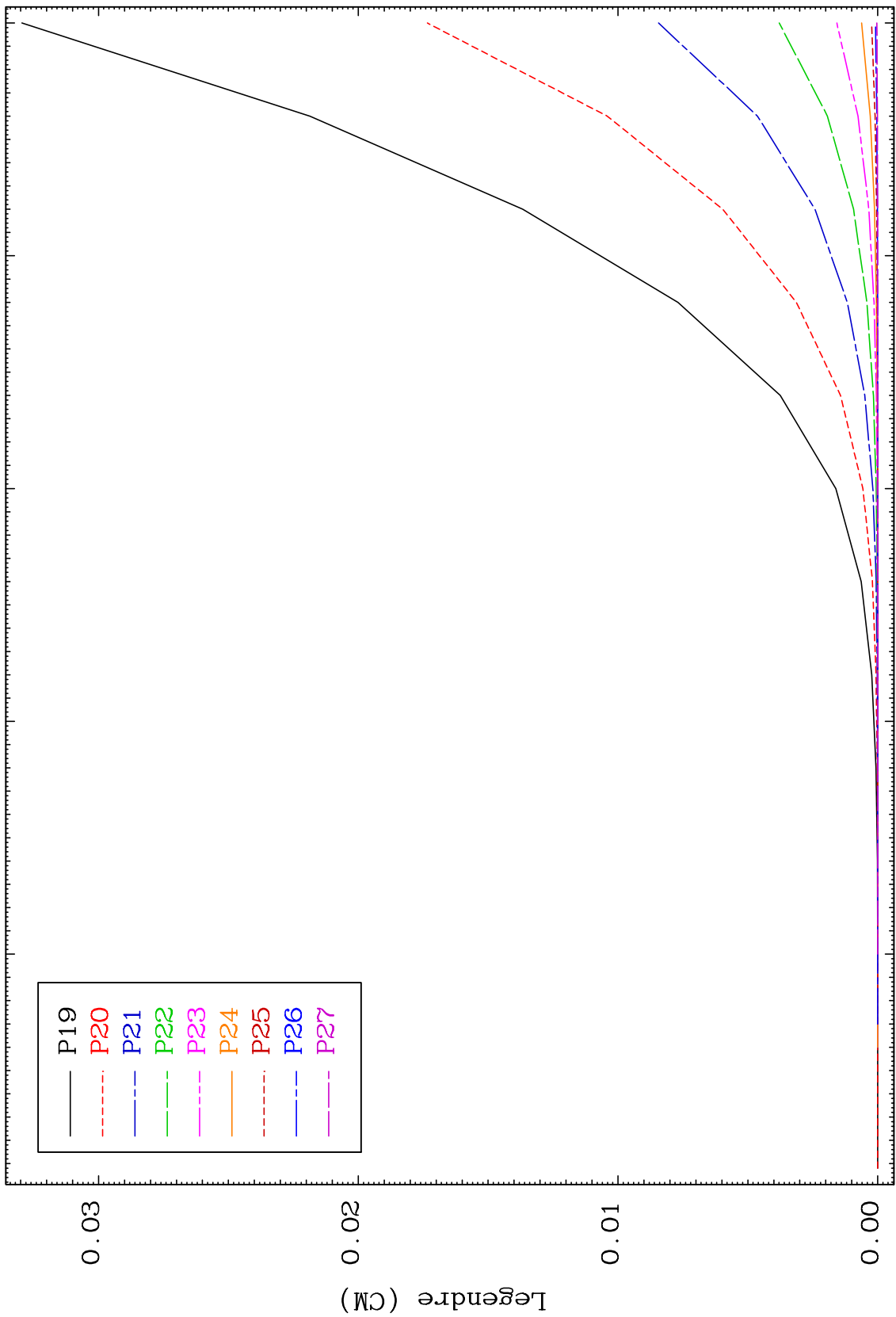
Incident Energy (MeV)

84-Po-197

MAT 8398

Elastic Legendre Coefficients

84-Po-197



19

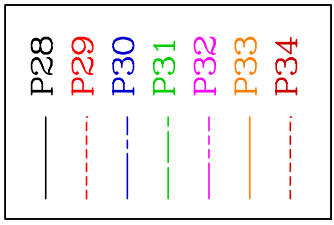
Incident Energy (MeV)

84-Po-197

MAT 8398

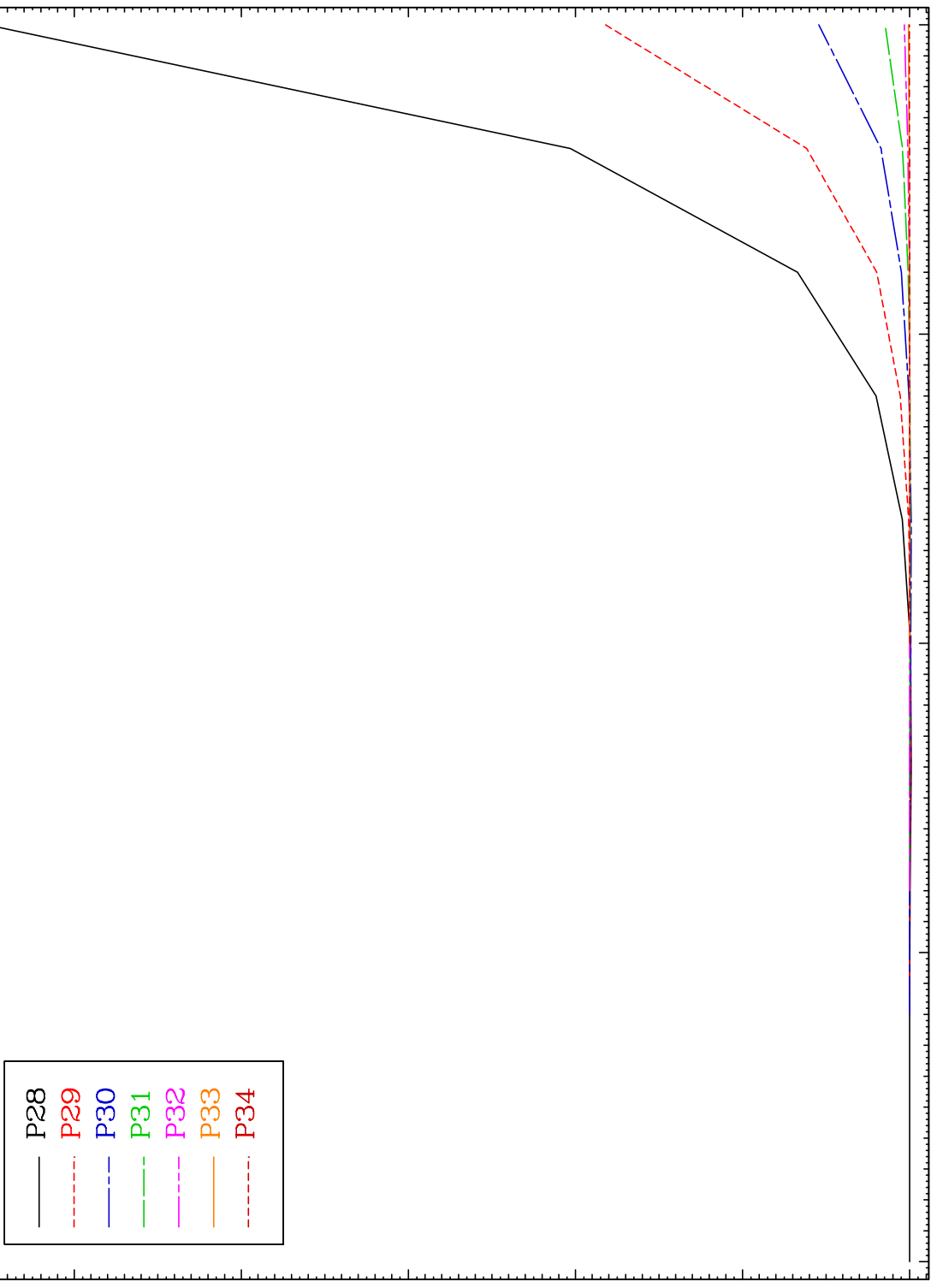
Elastic Legendre Coefficients

84-Po-197



$\times 10^{-5}$

Legendre (CM)



10

15

20

25

30

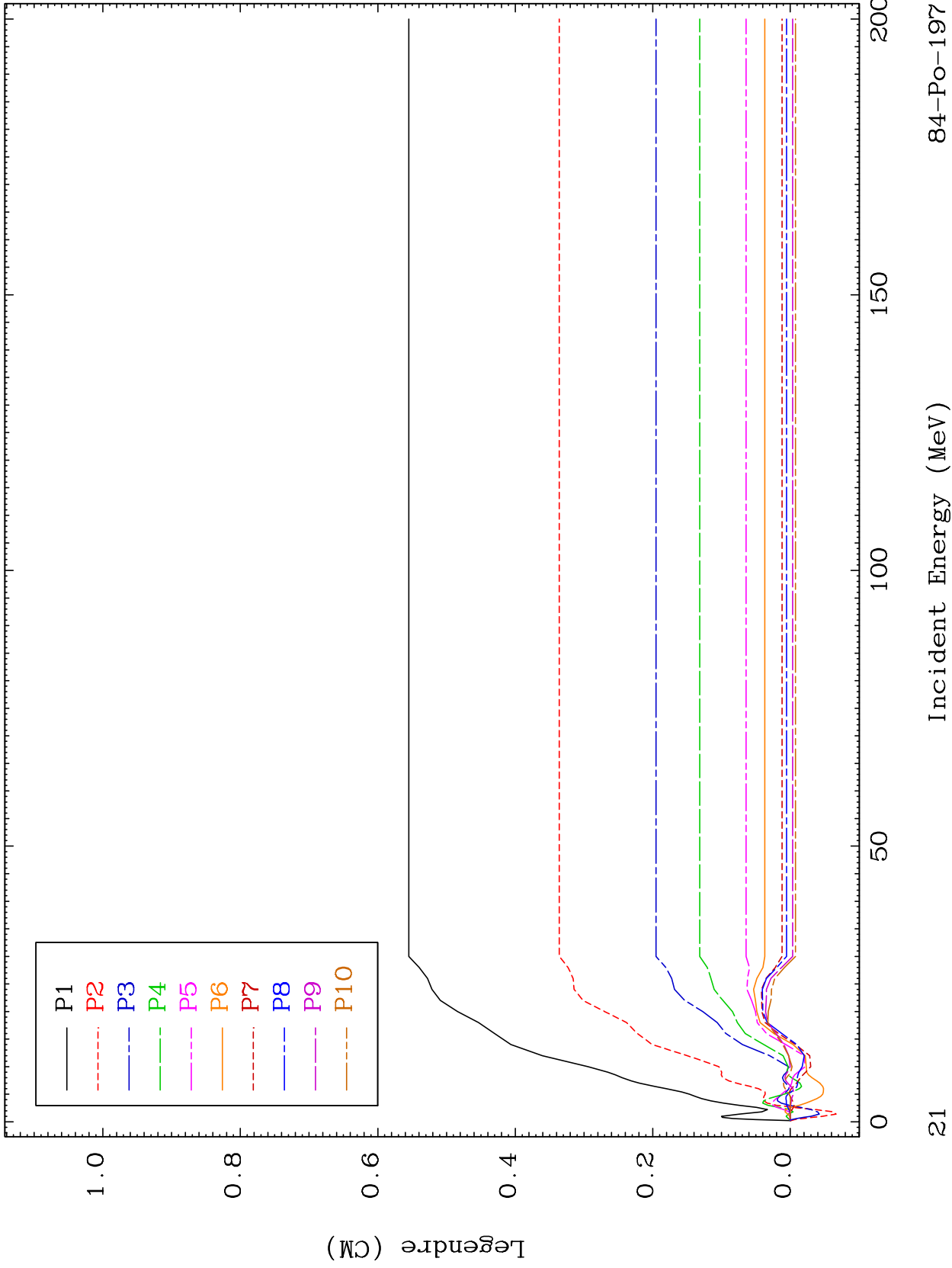
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



21

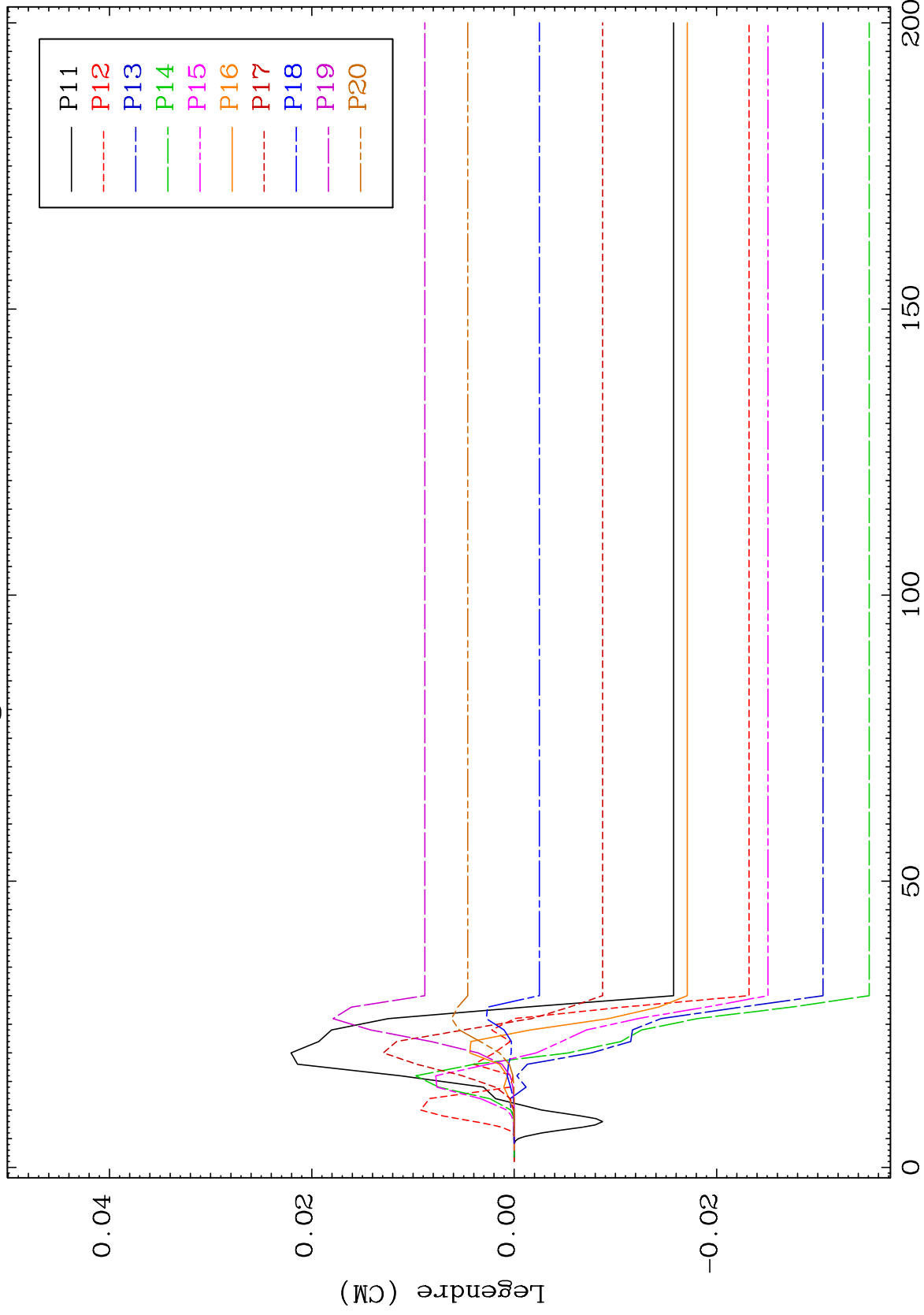
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



22

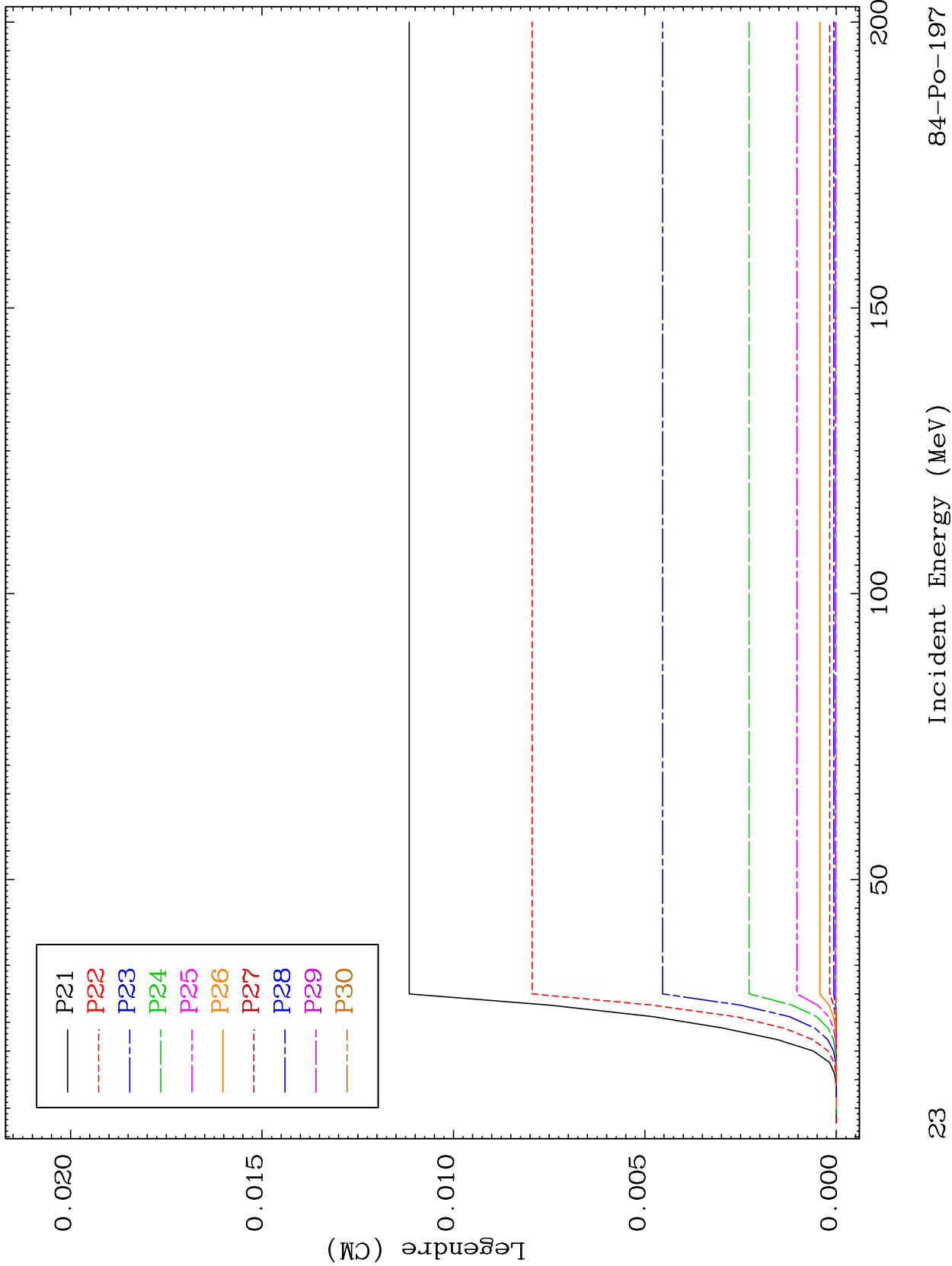
Incident Energy (MeV)

84-Po-197

MAT 8398

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

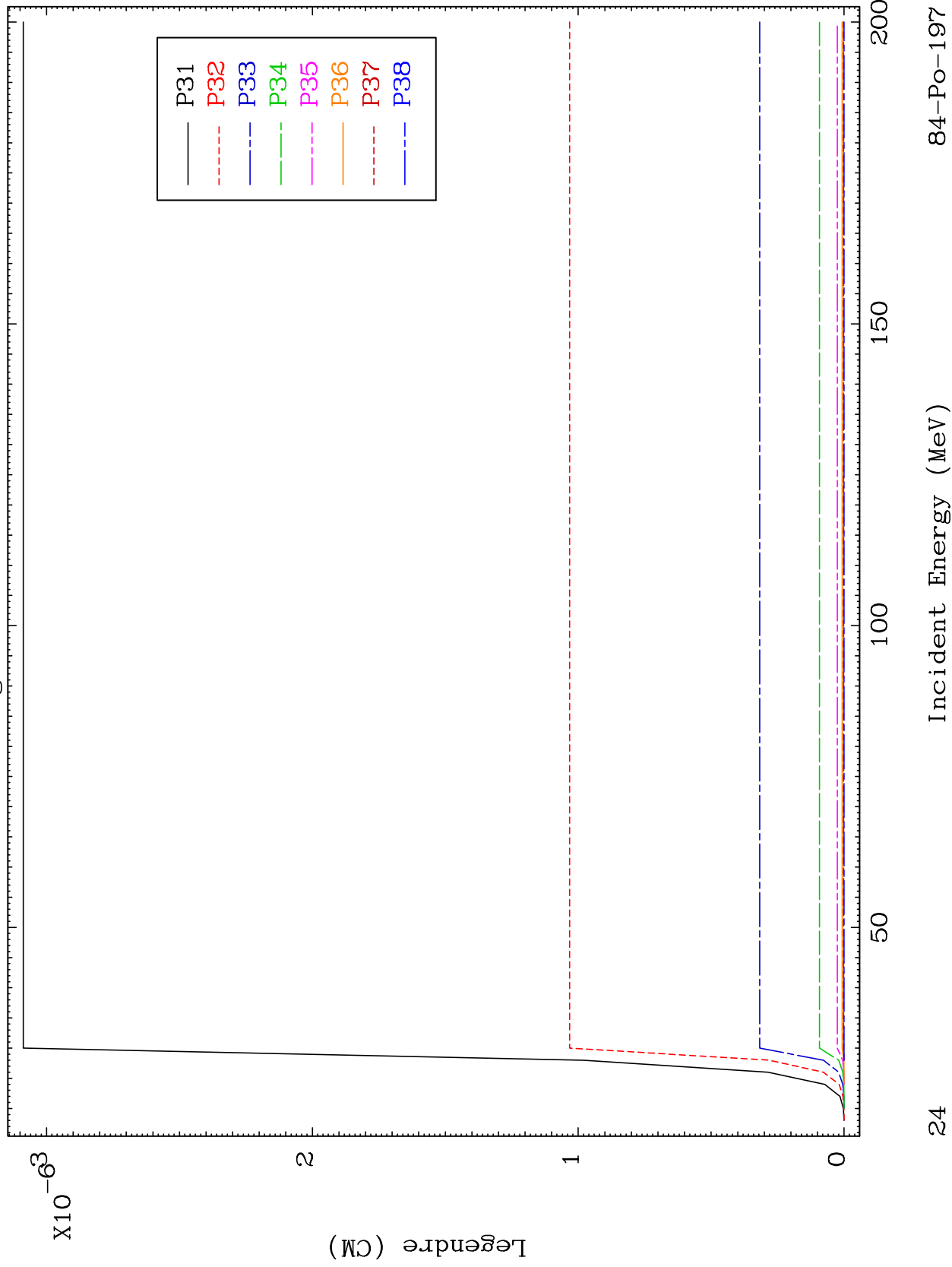
84-Po-197



MAT 8398

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

84-Po-197



24

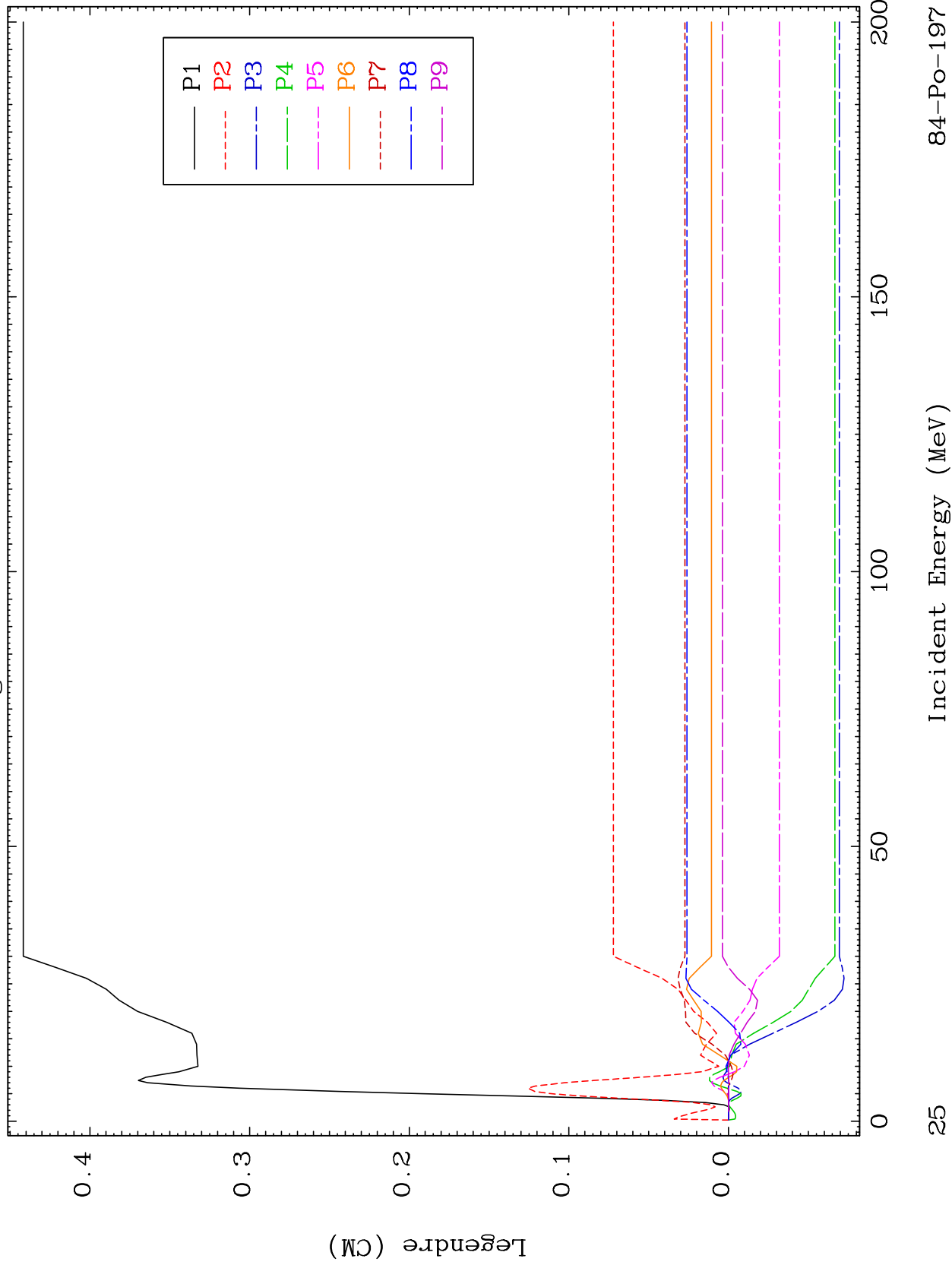
Incident Energy (MeV)

84-Po-197

MAT 8398

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

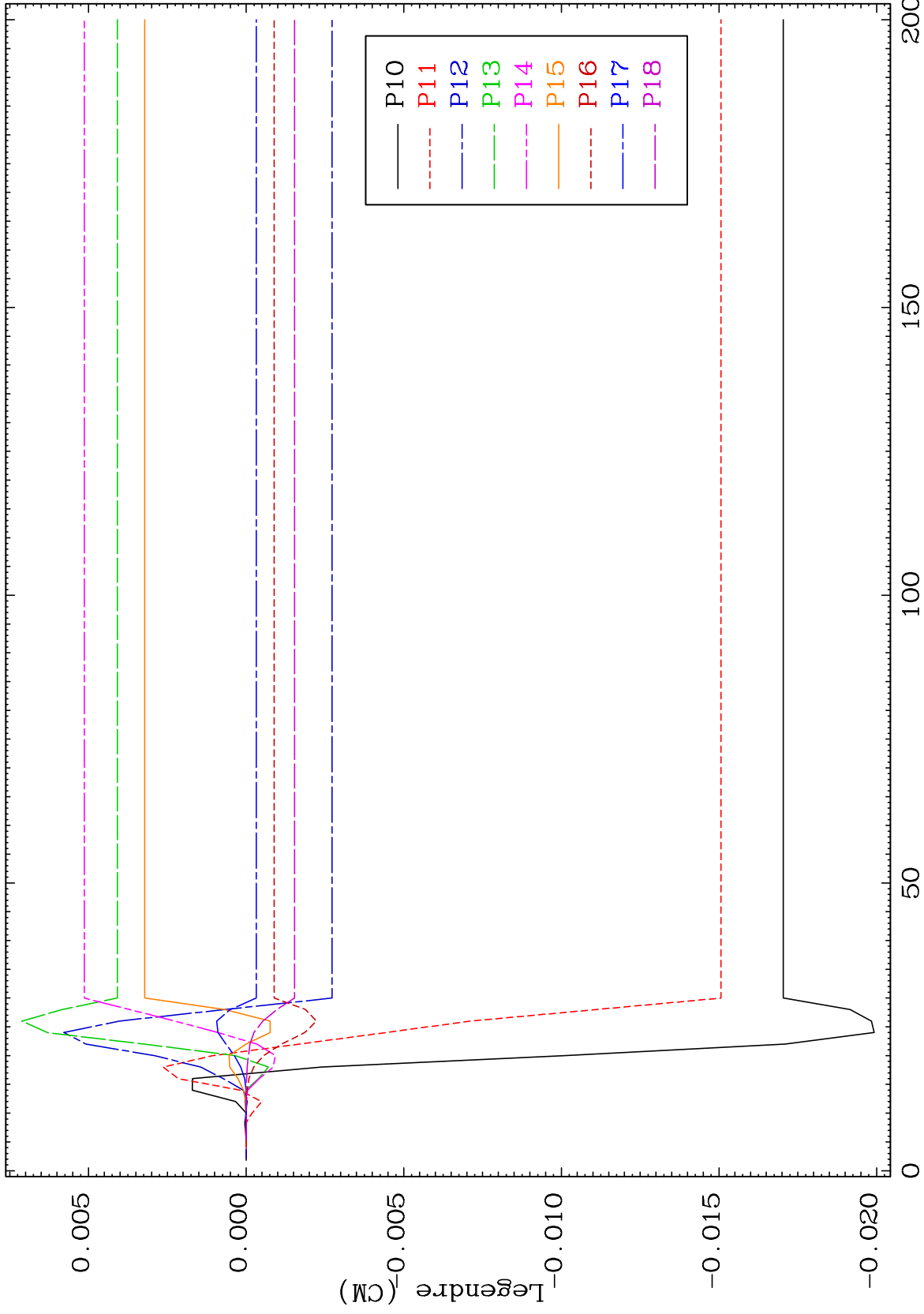
84-Po-197



MAT 8398

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

84-Po-197



26

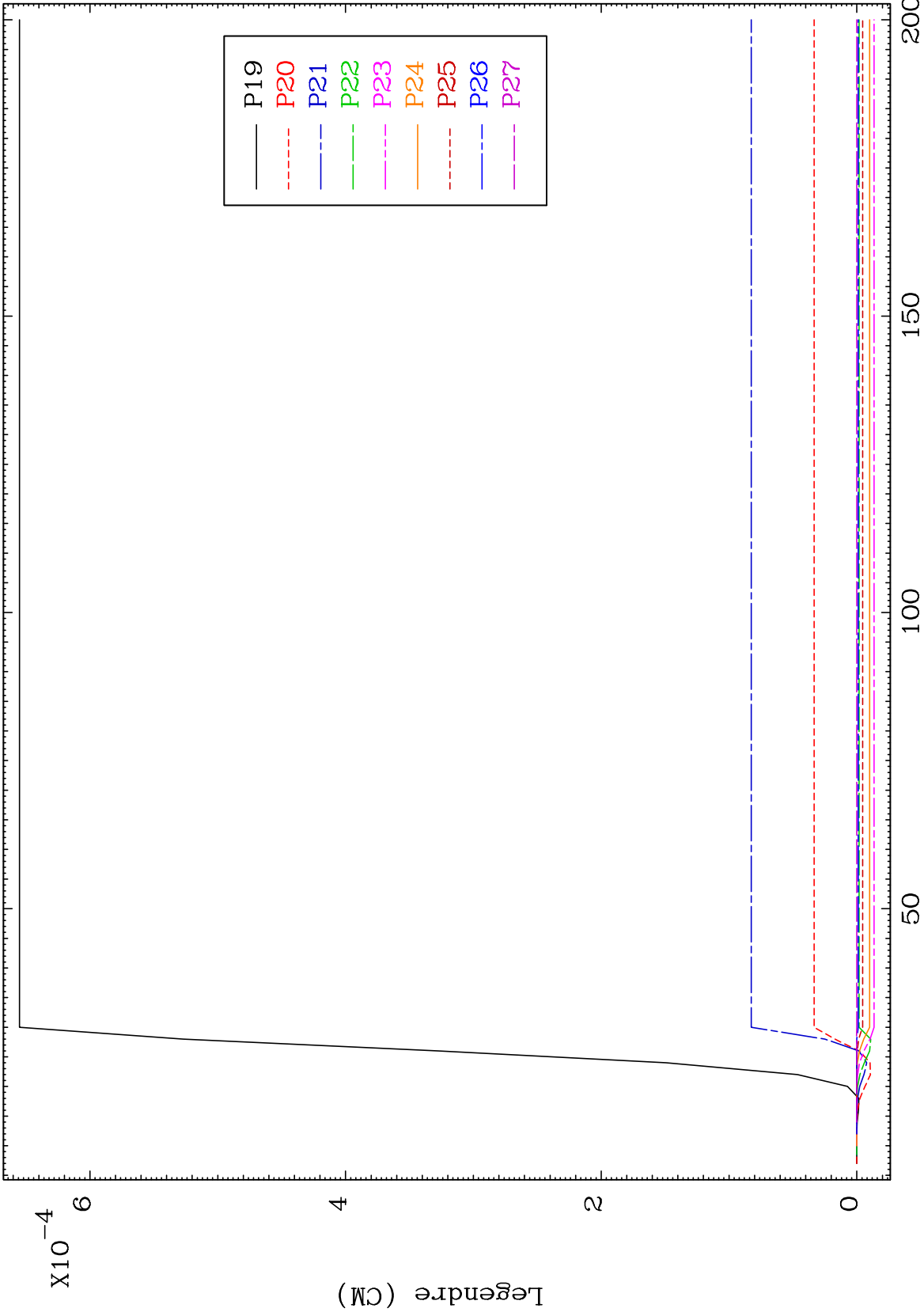
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



27

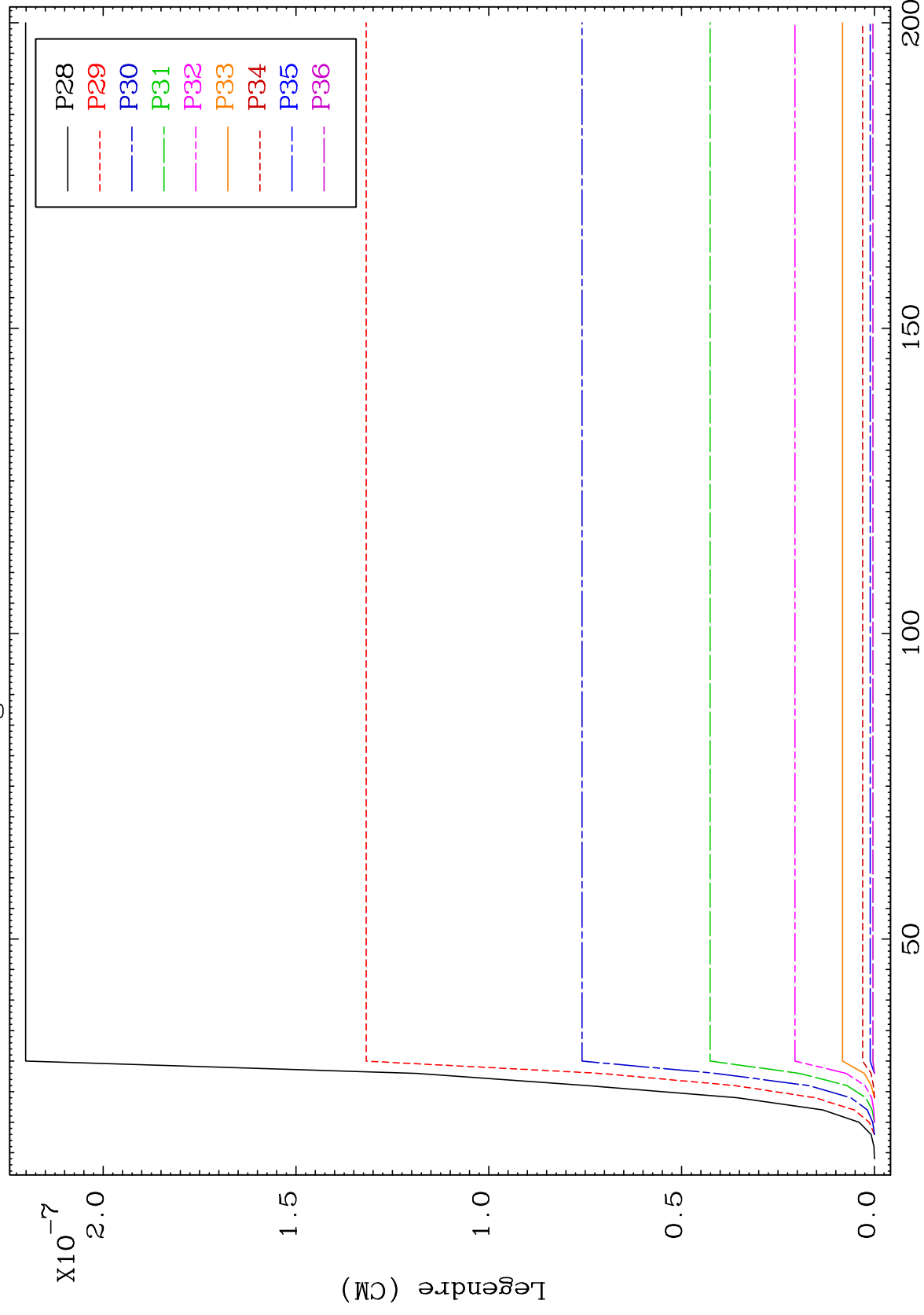
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



28

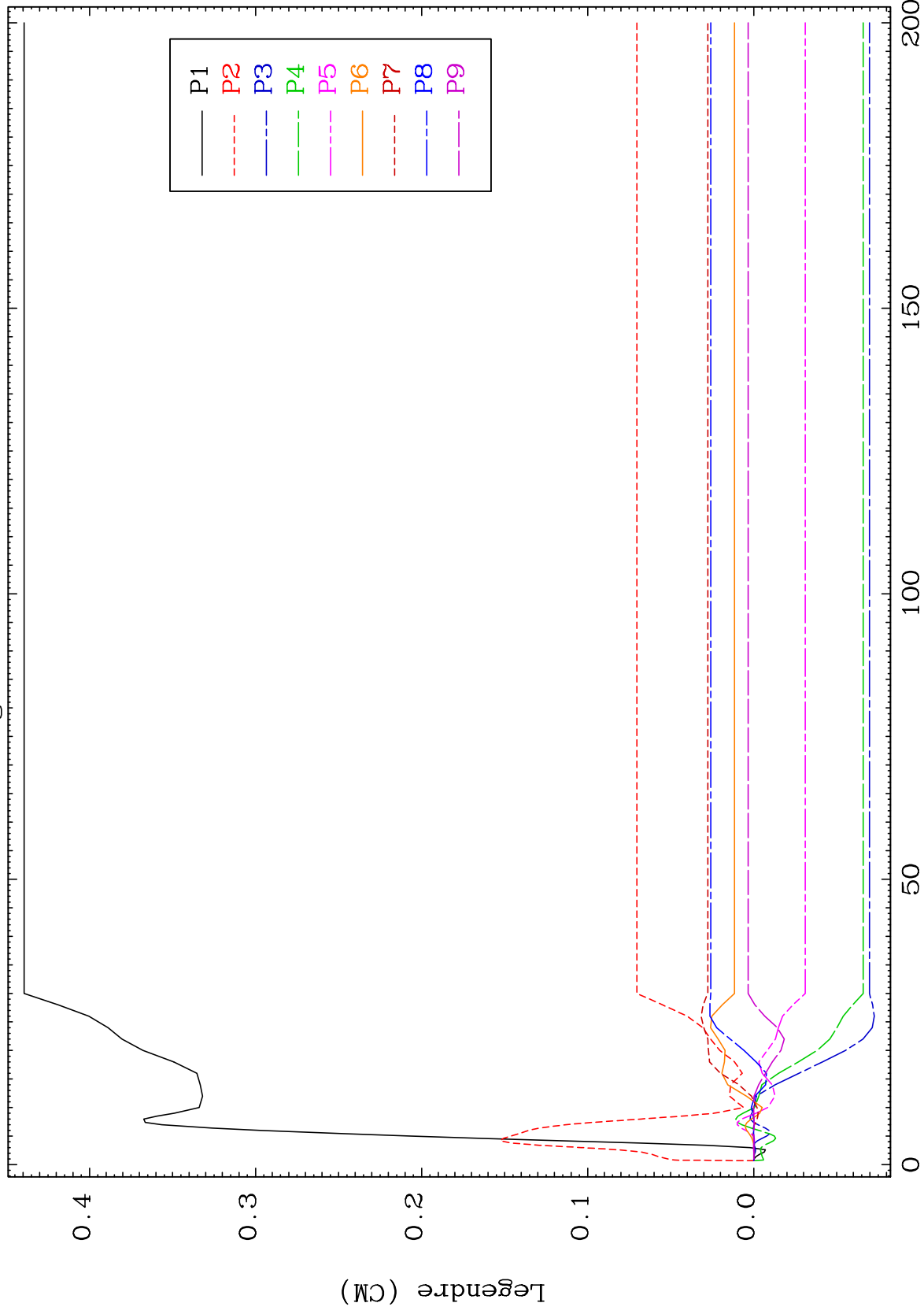
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



29

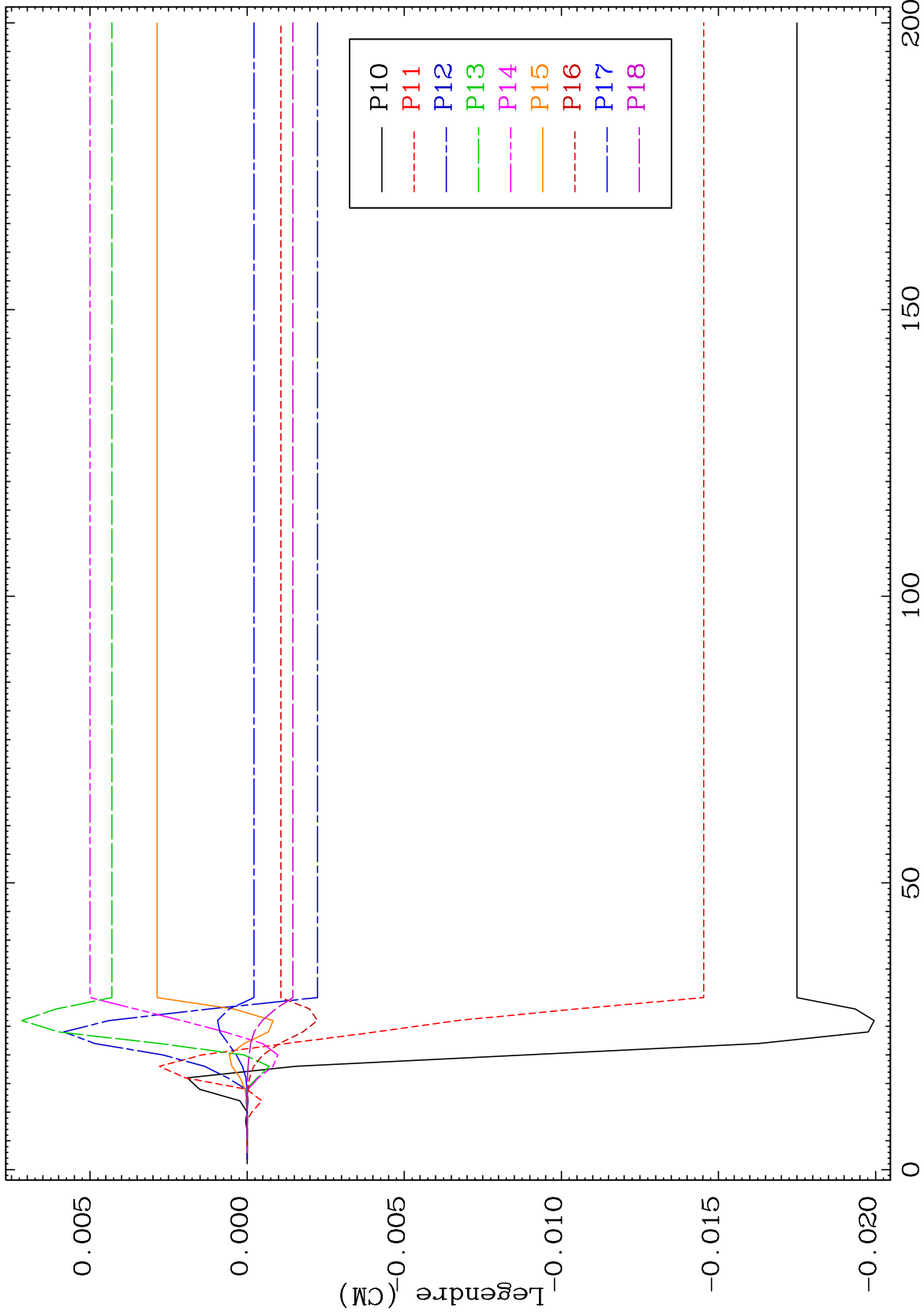
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



30

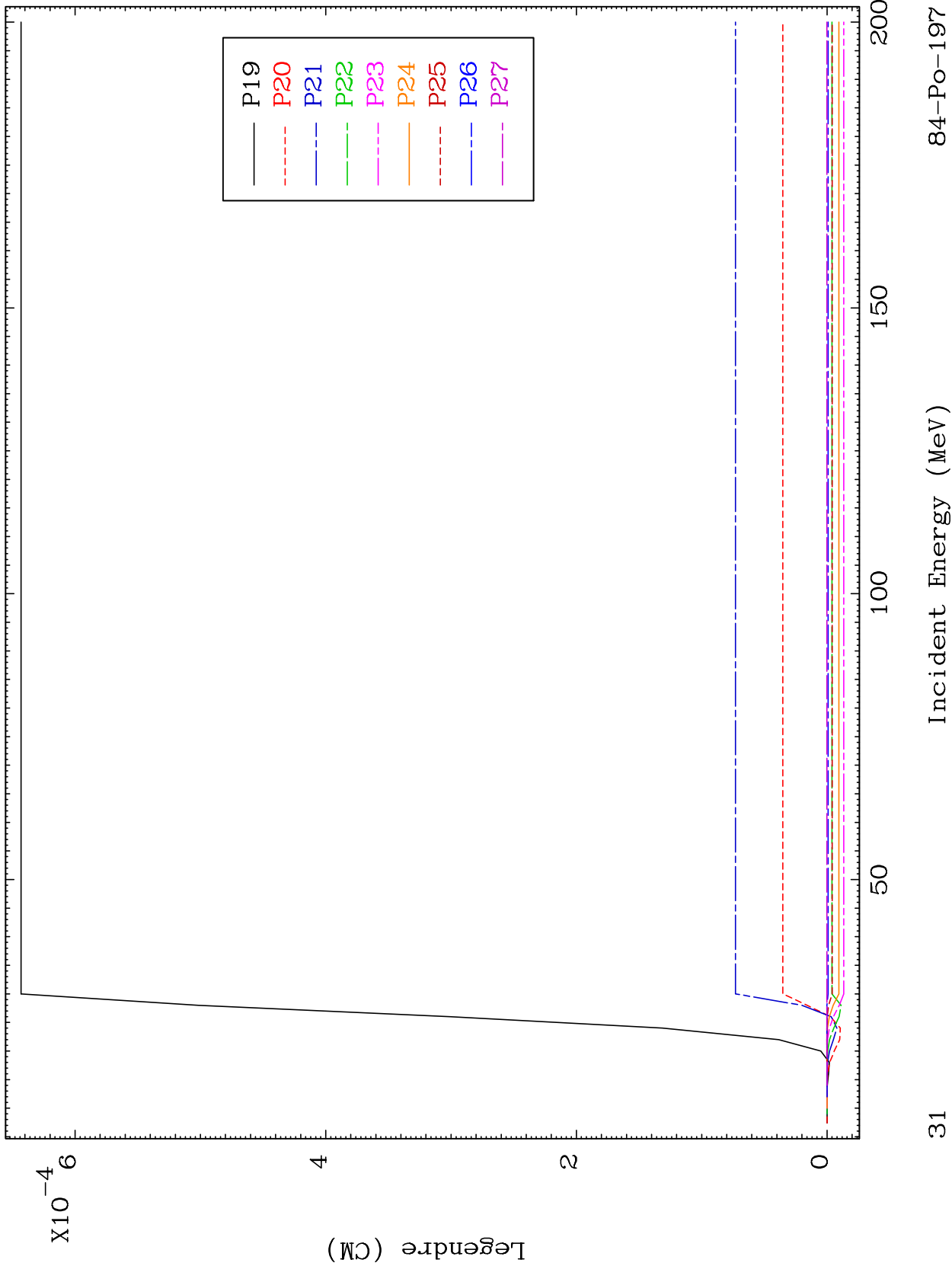
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



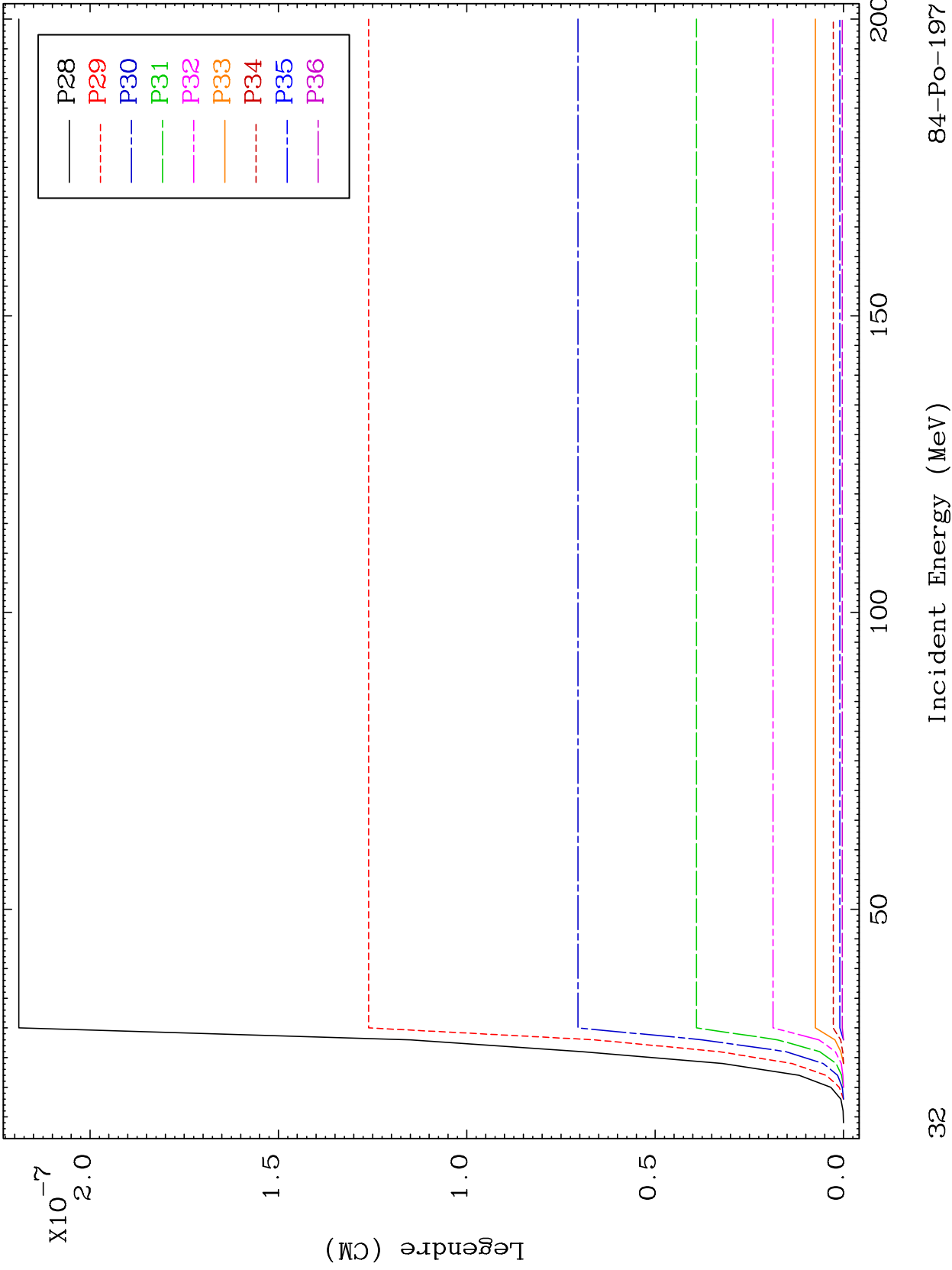
31

84-Po-197

MAT 8398

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

84-Po-197



32

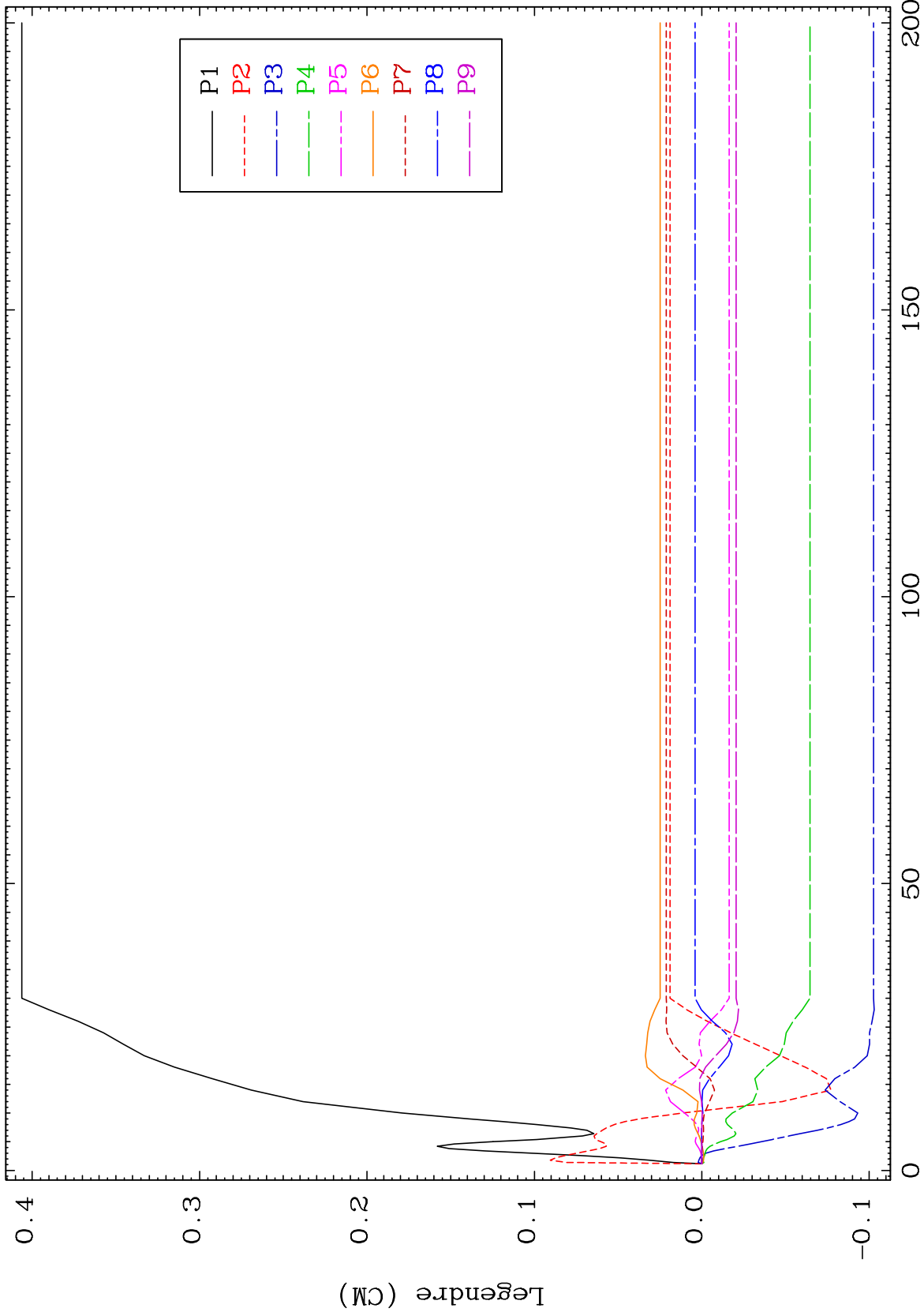
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



33

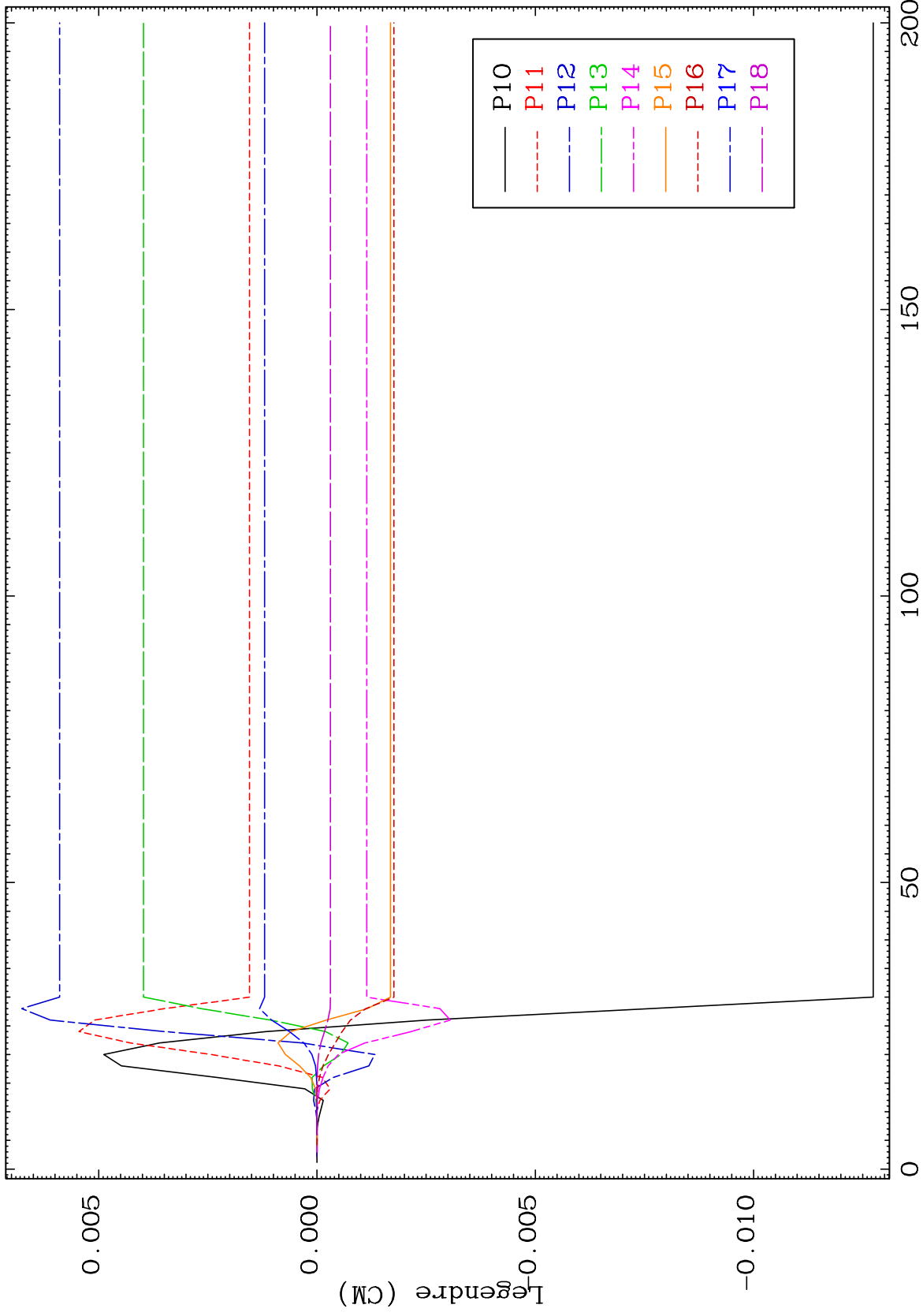
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



34

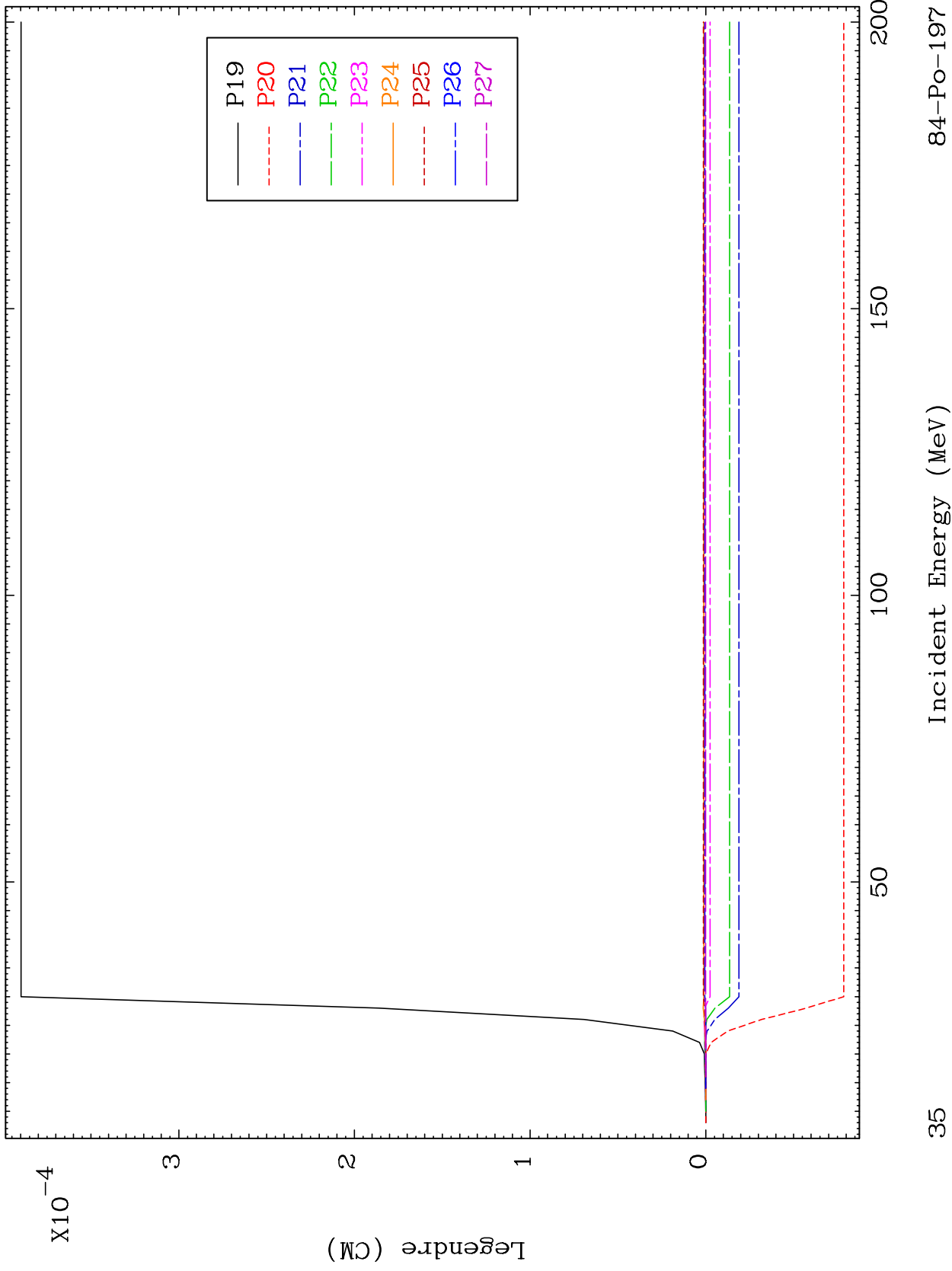
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



35

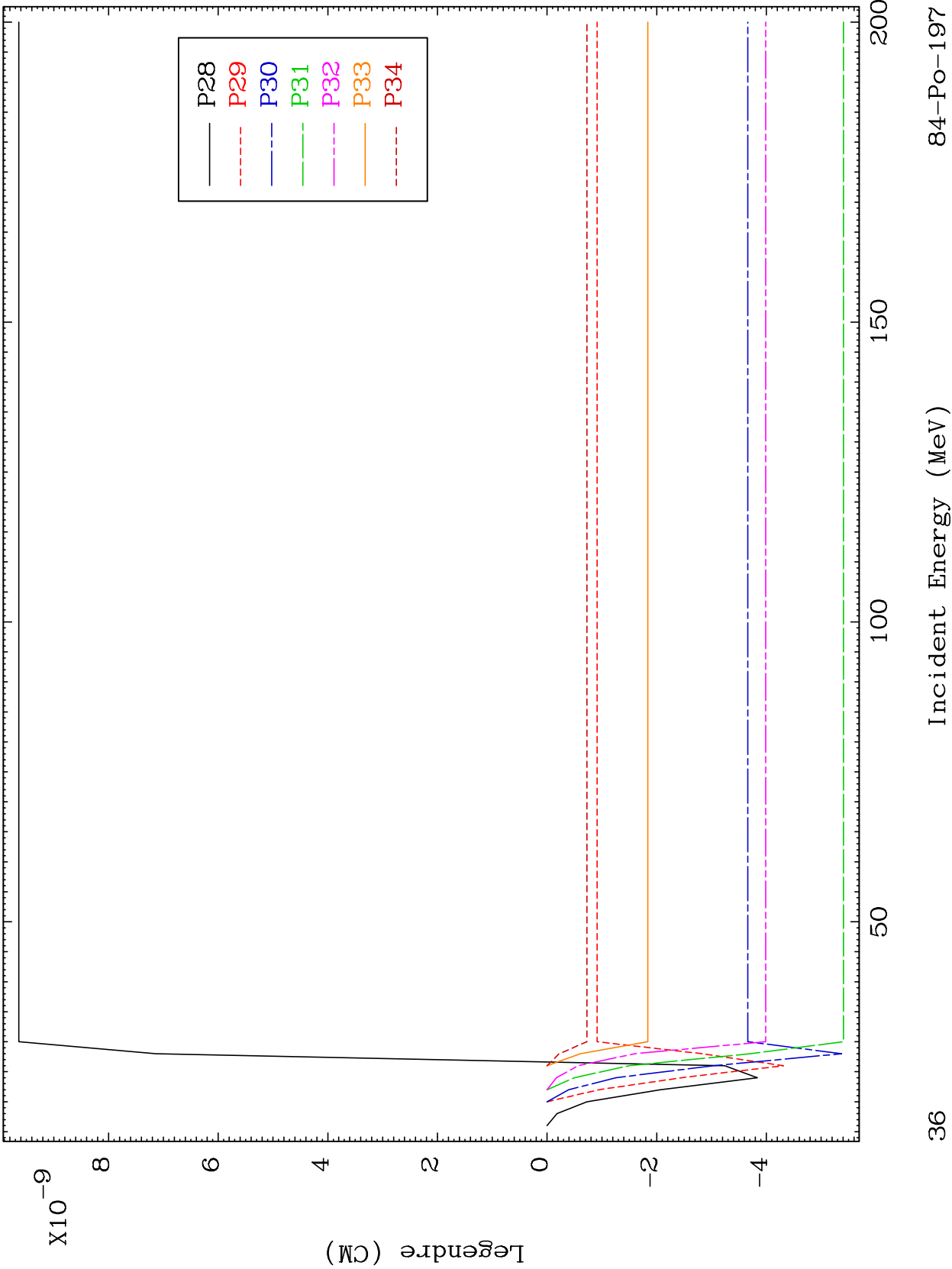
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



36

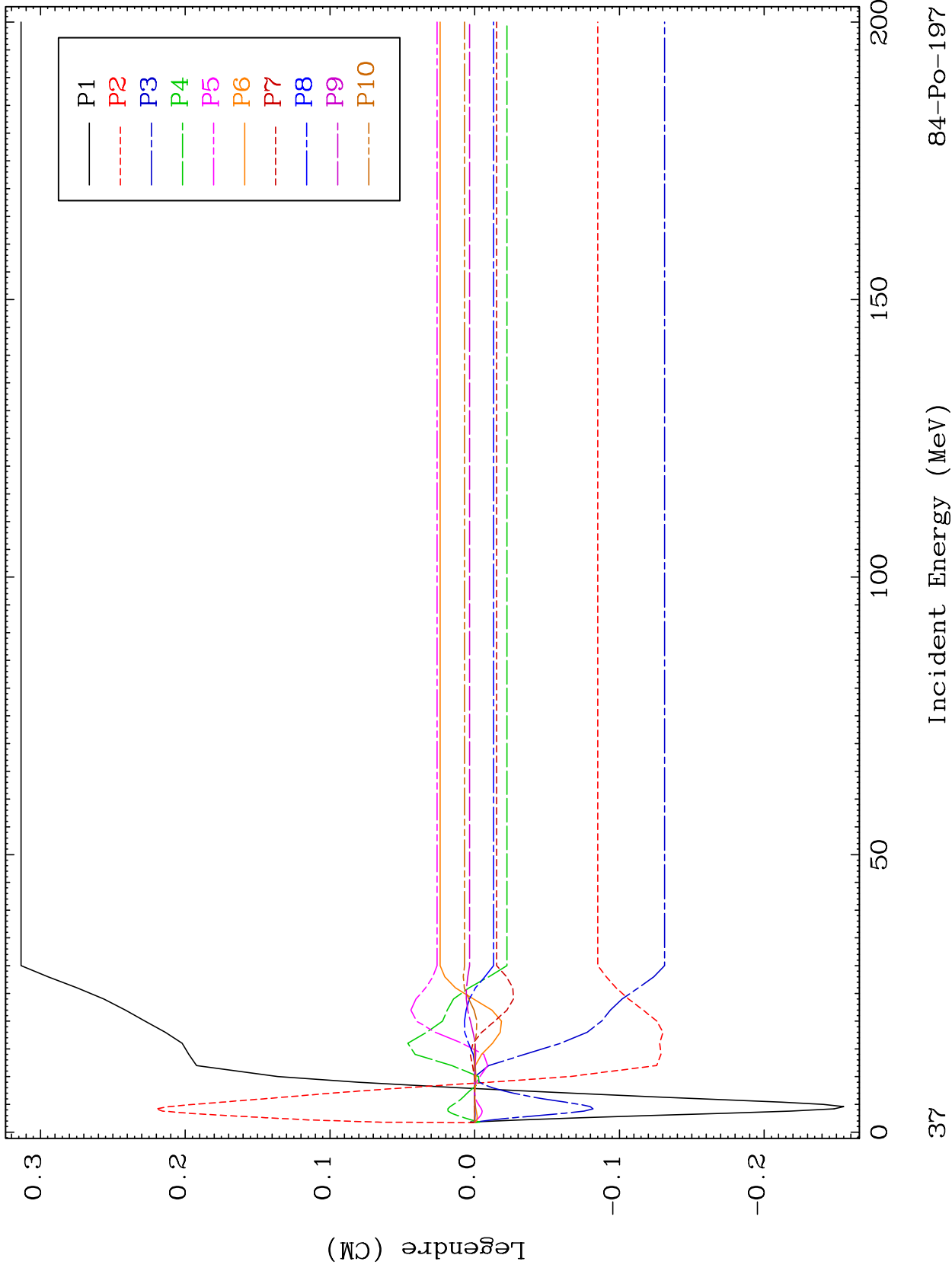
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



84-Po-197

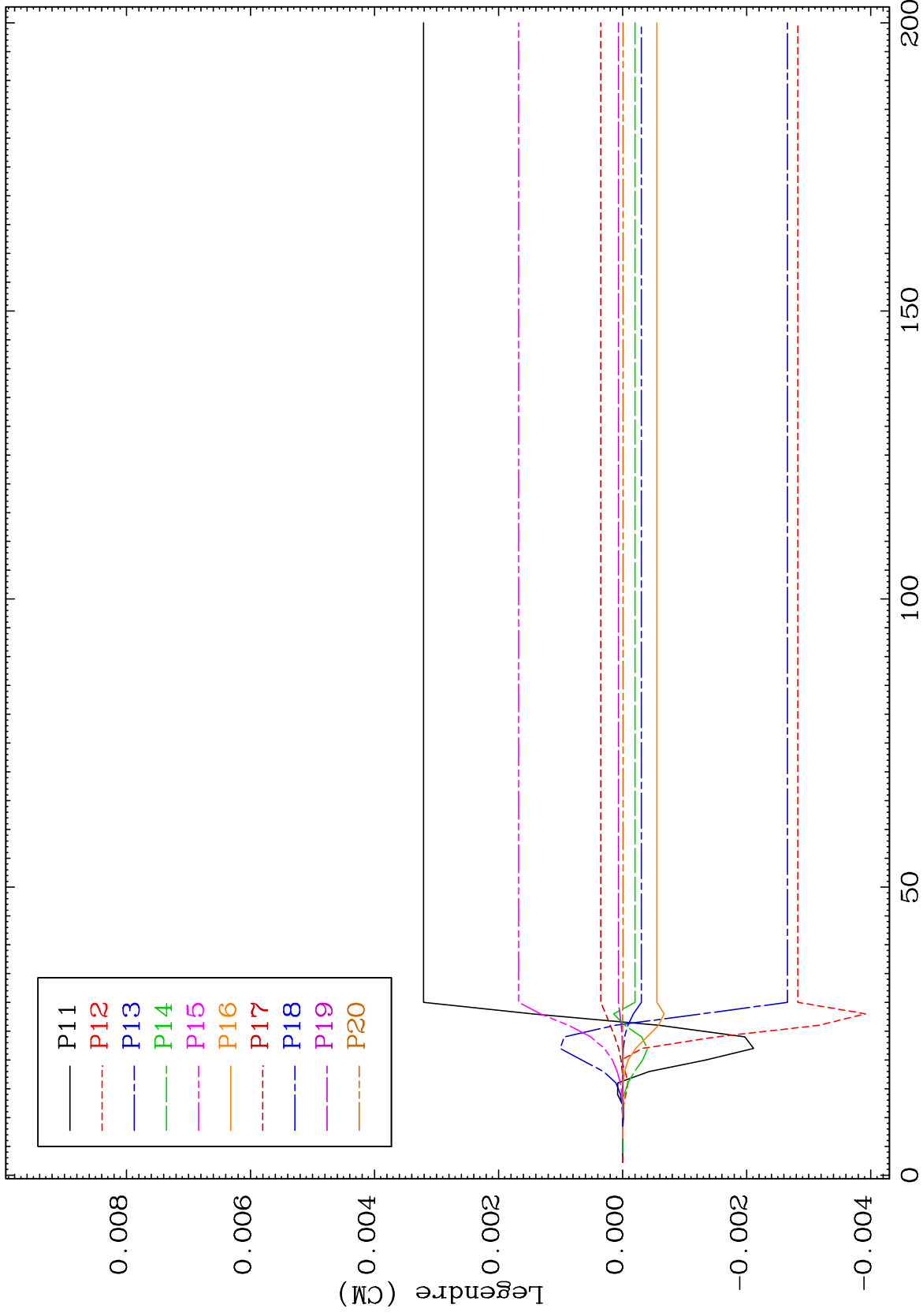
Incident Energy (MeV)

37

MAT 8398

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

84-Po-197



38

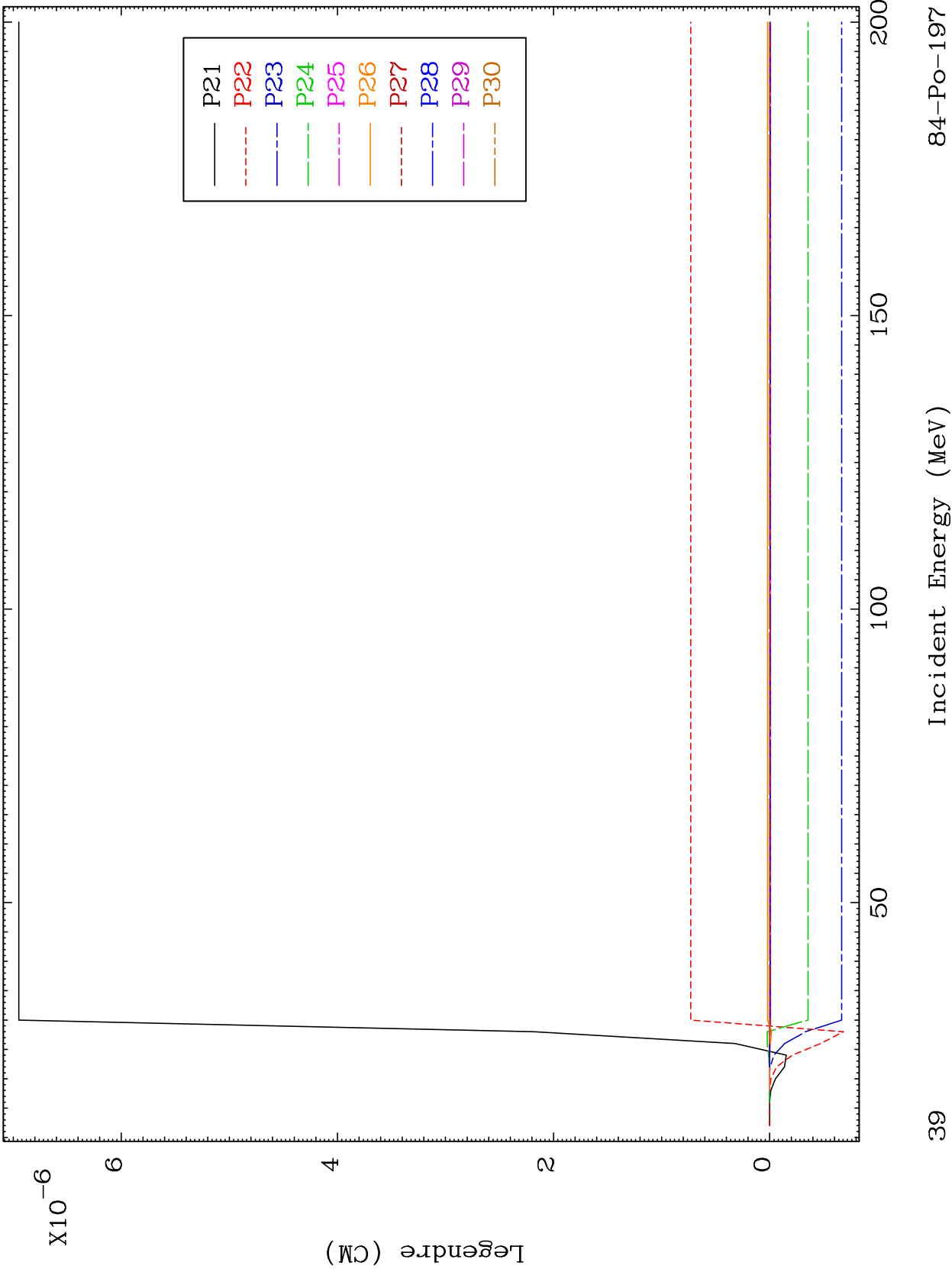
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



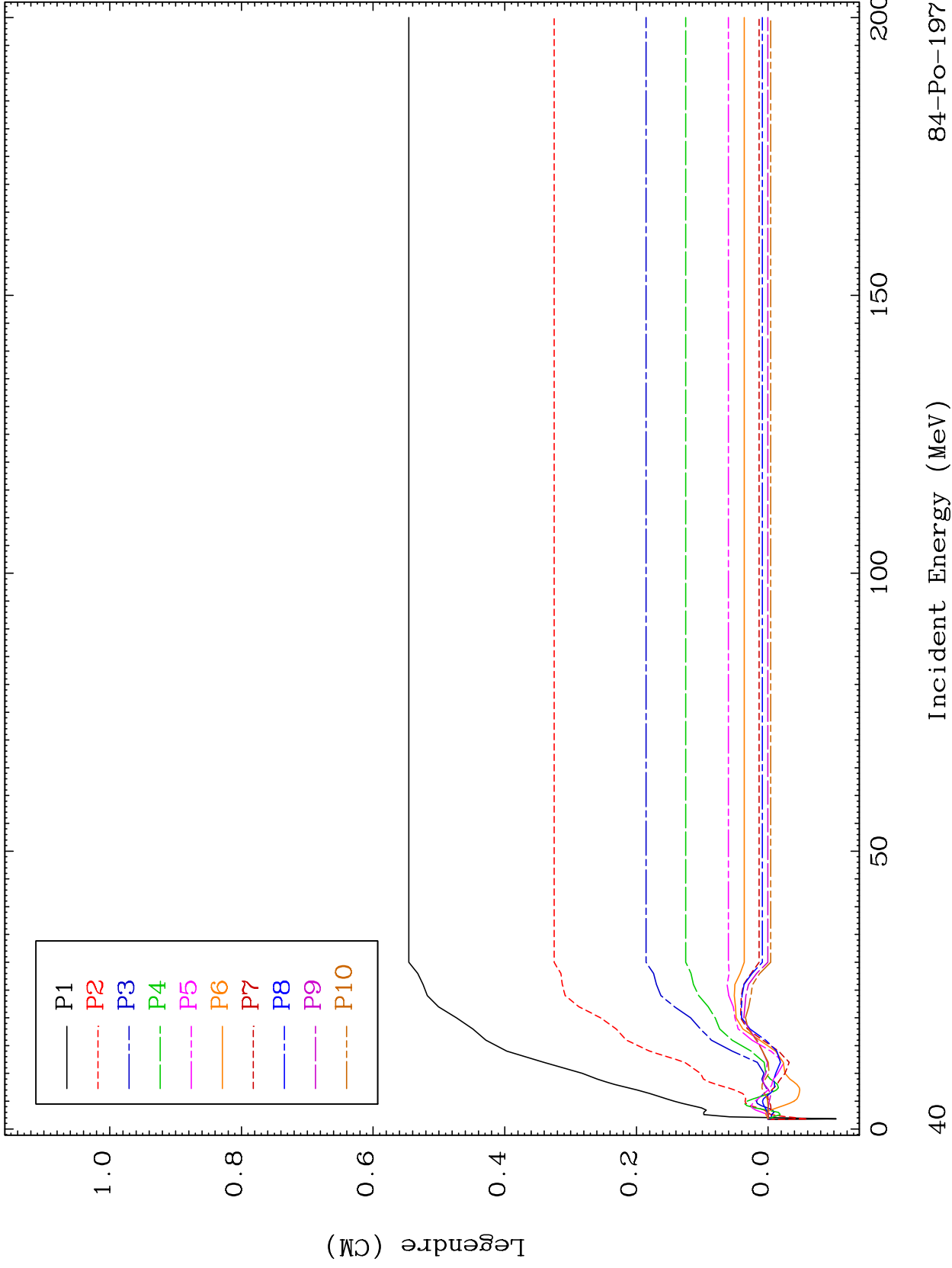
39

84-Po-197

MAT 8398

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

84-Po-197



84-Po-197

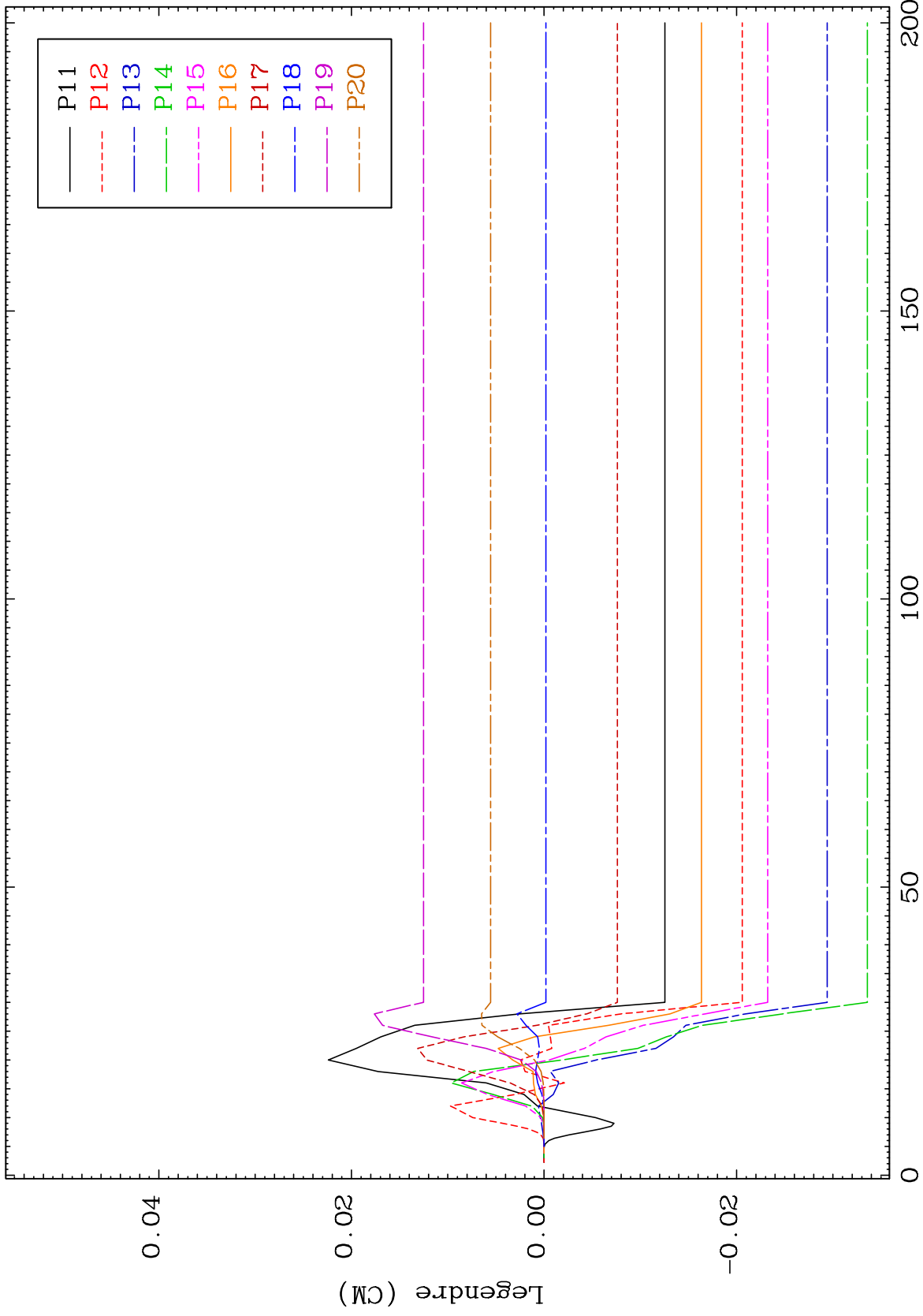
Incident Energy (MeV)

40

MAT 8398

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

84-Po-197



41

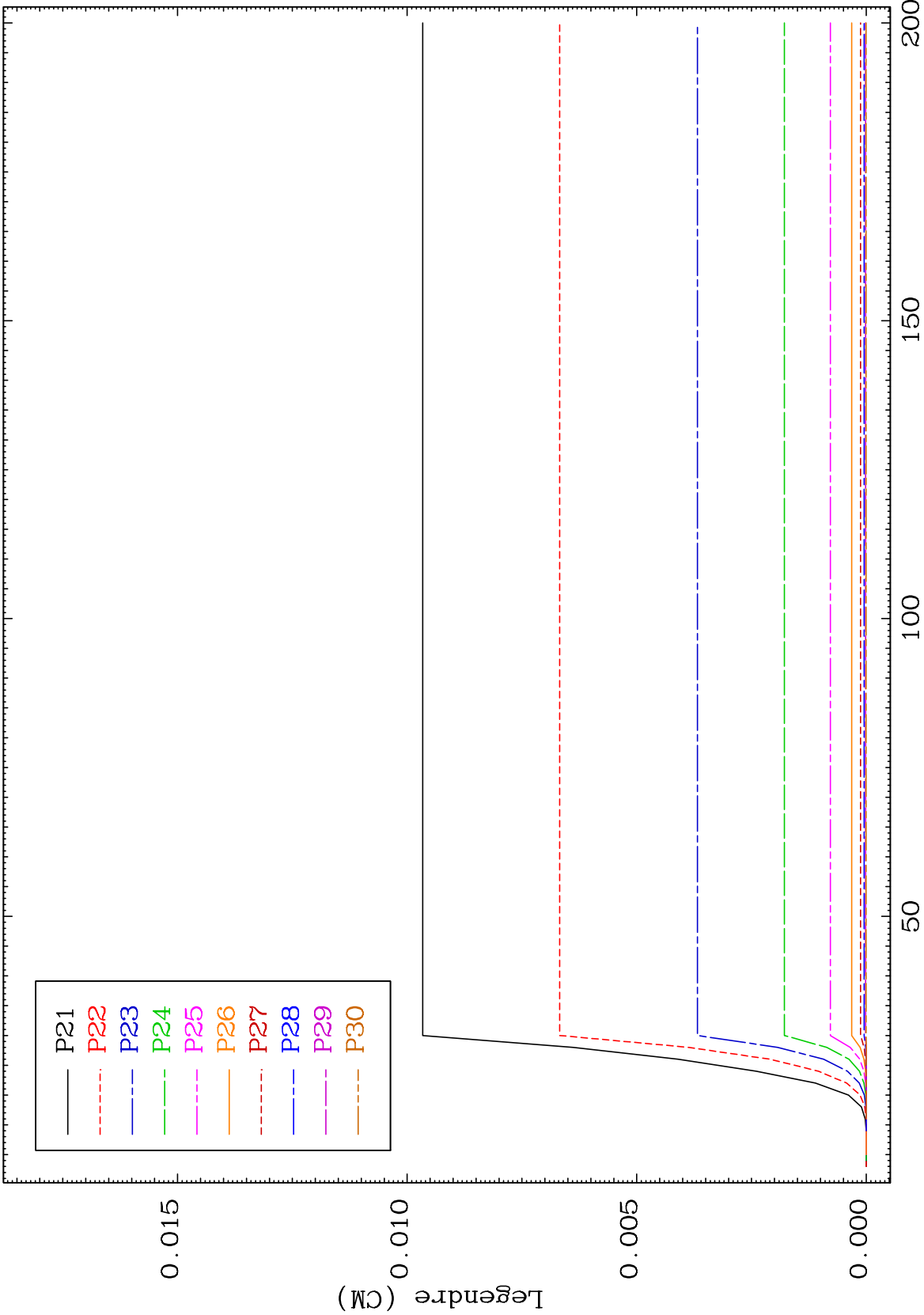
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



42

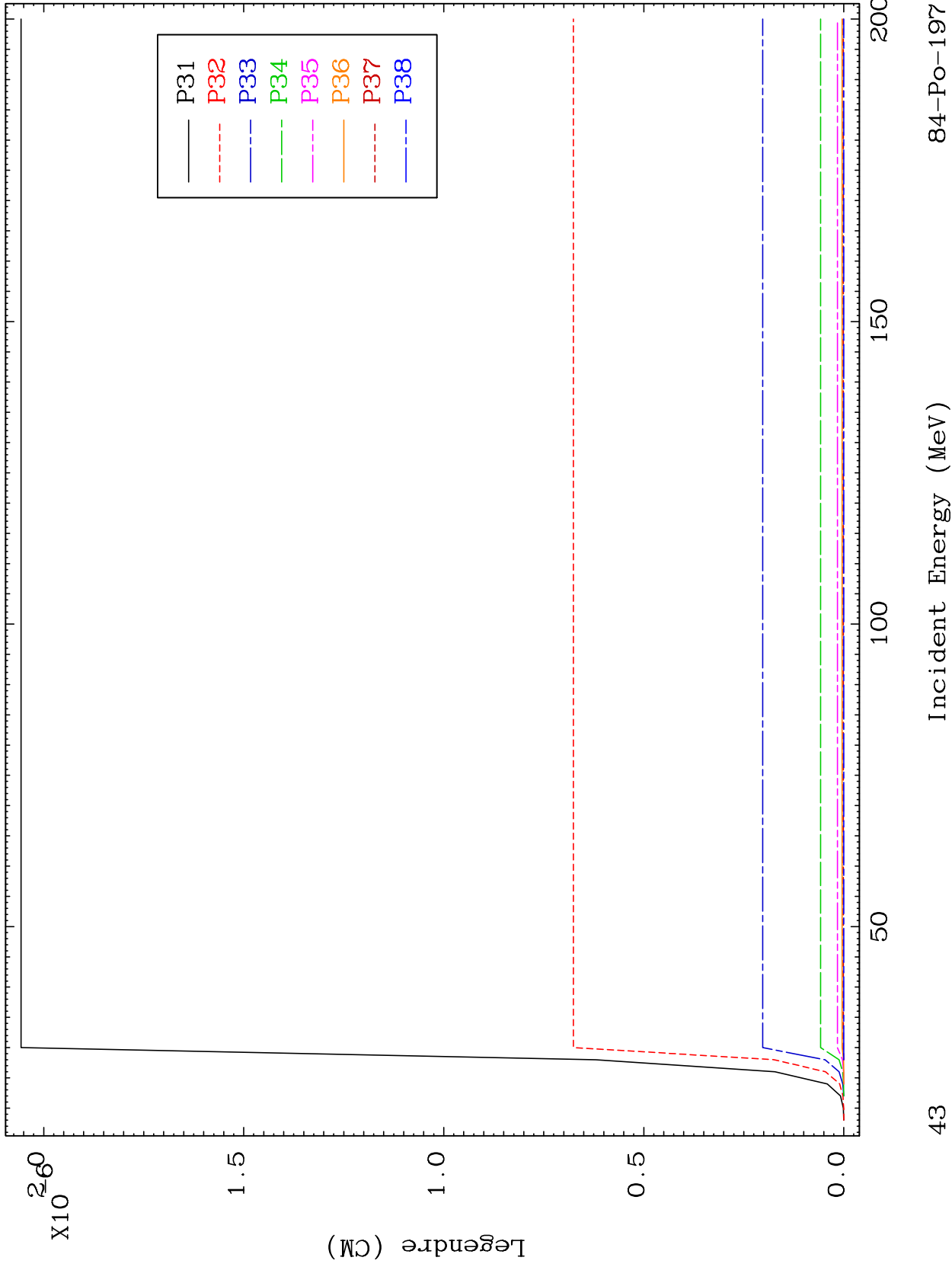
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197

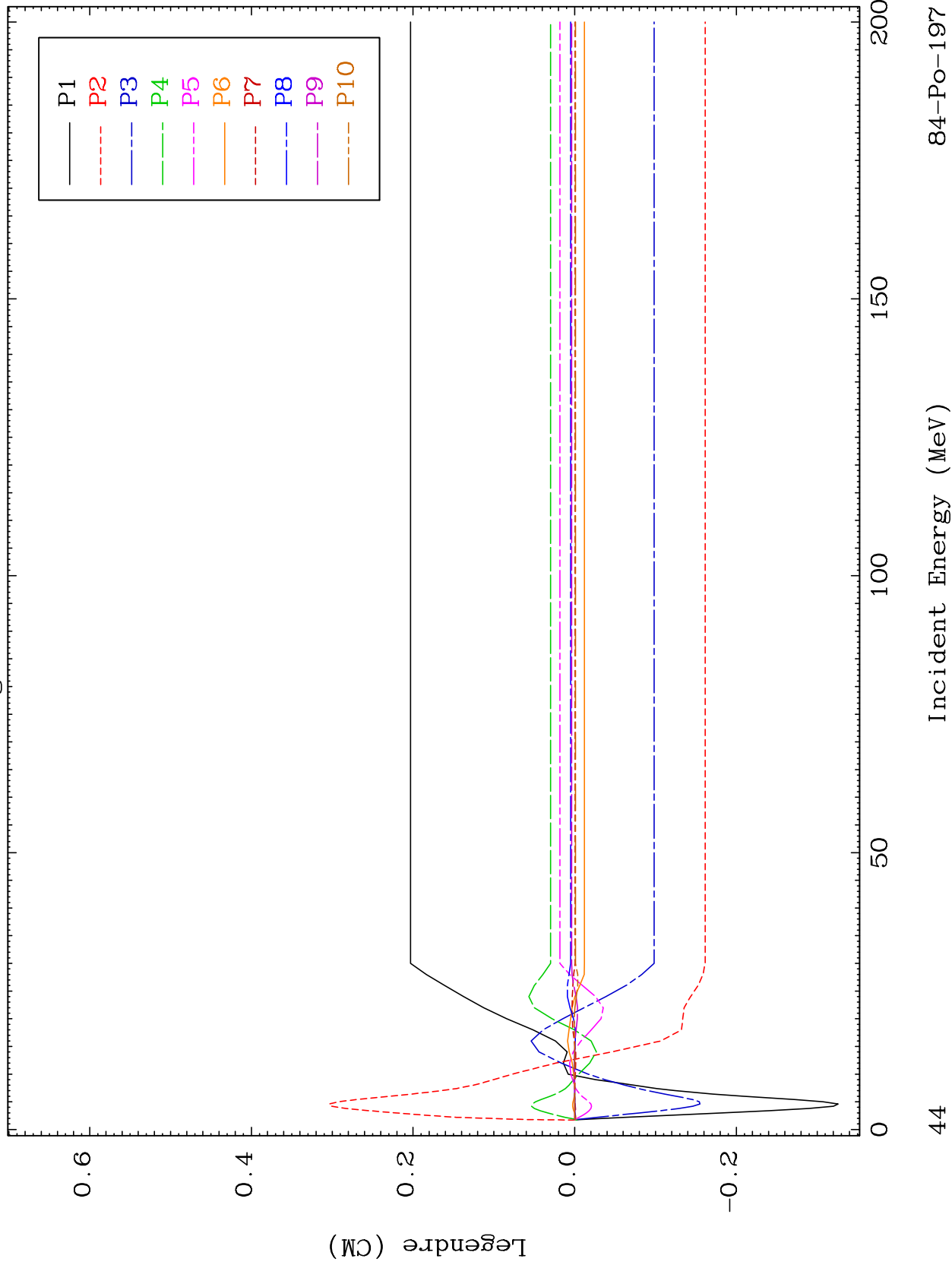


43

MAT 8398

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

84-Po-197



84-Po-197

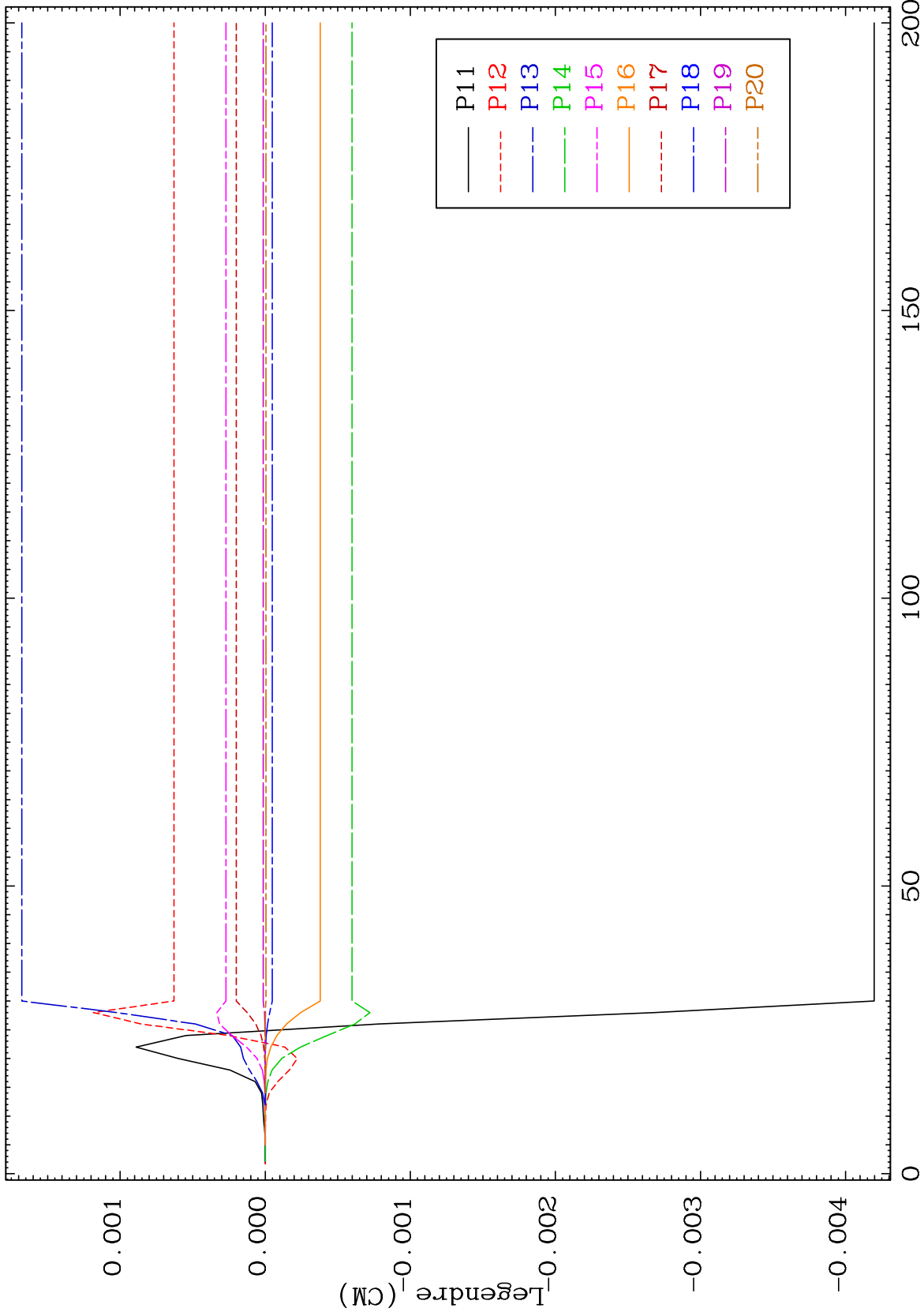
Incident Energy (MeV)

44

MAT 8398

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

84-Po-197



45

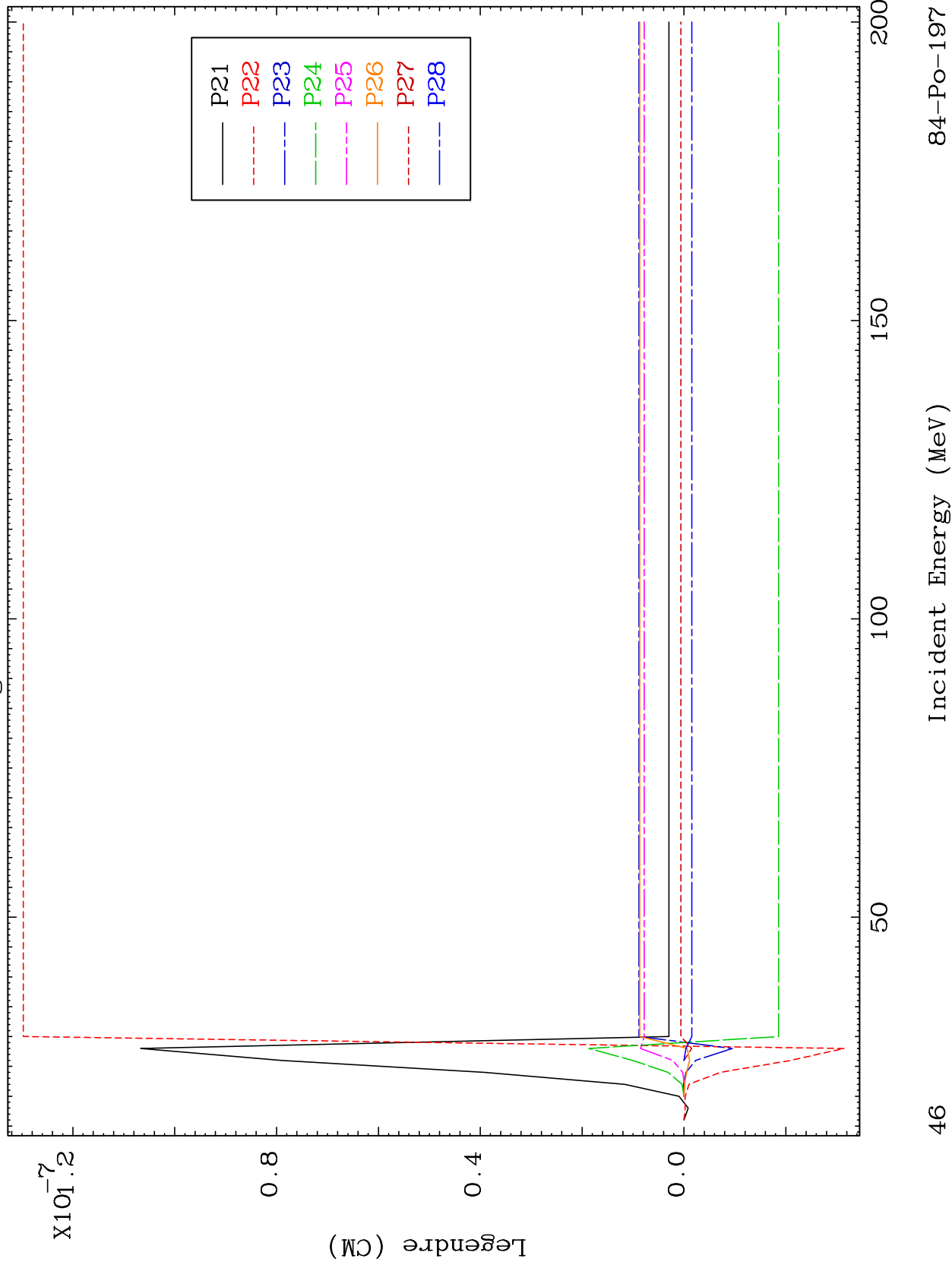
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



46

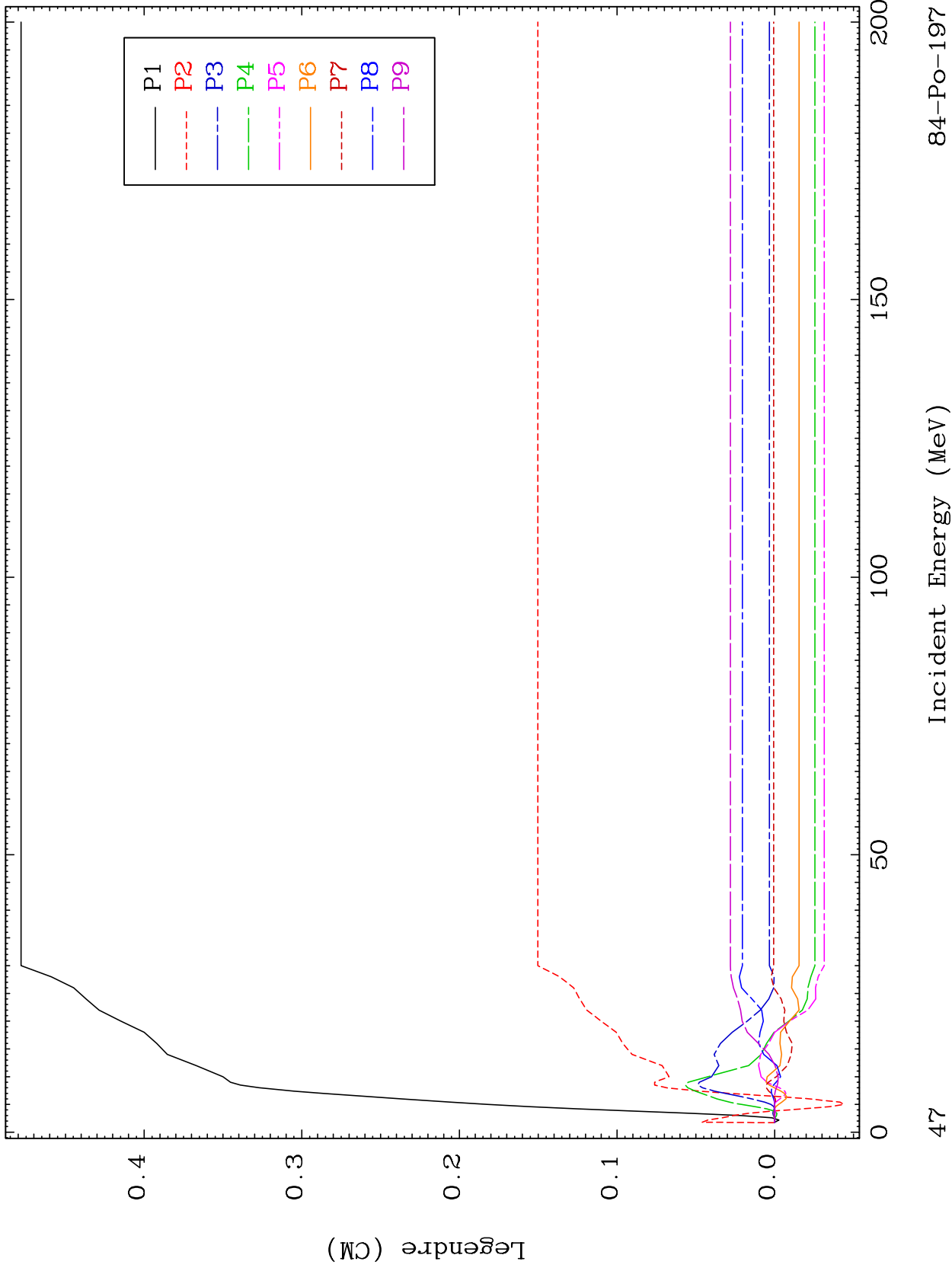
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



84-Po-197

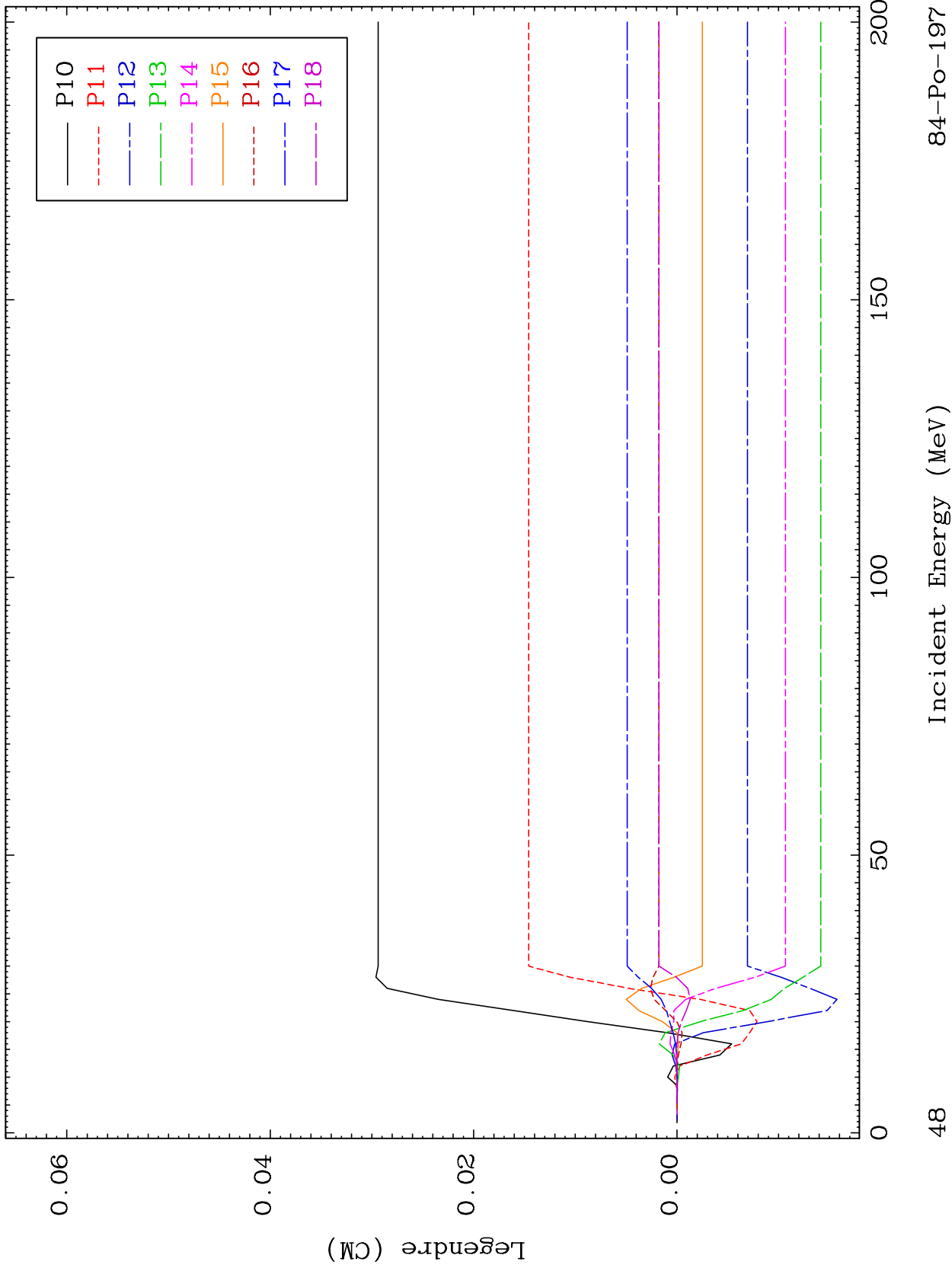
Incident Energy (MeV)

47

MAT 8398

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

84-Po-197



84-Po-197

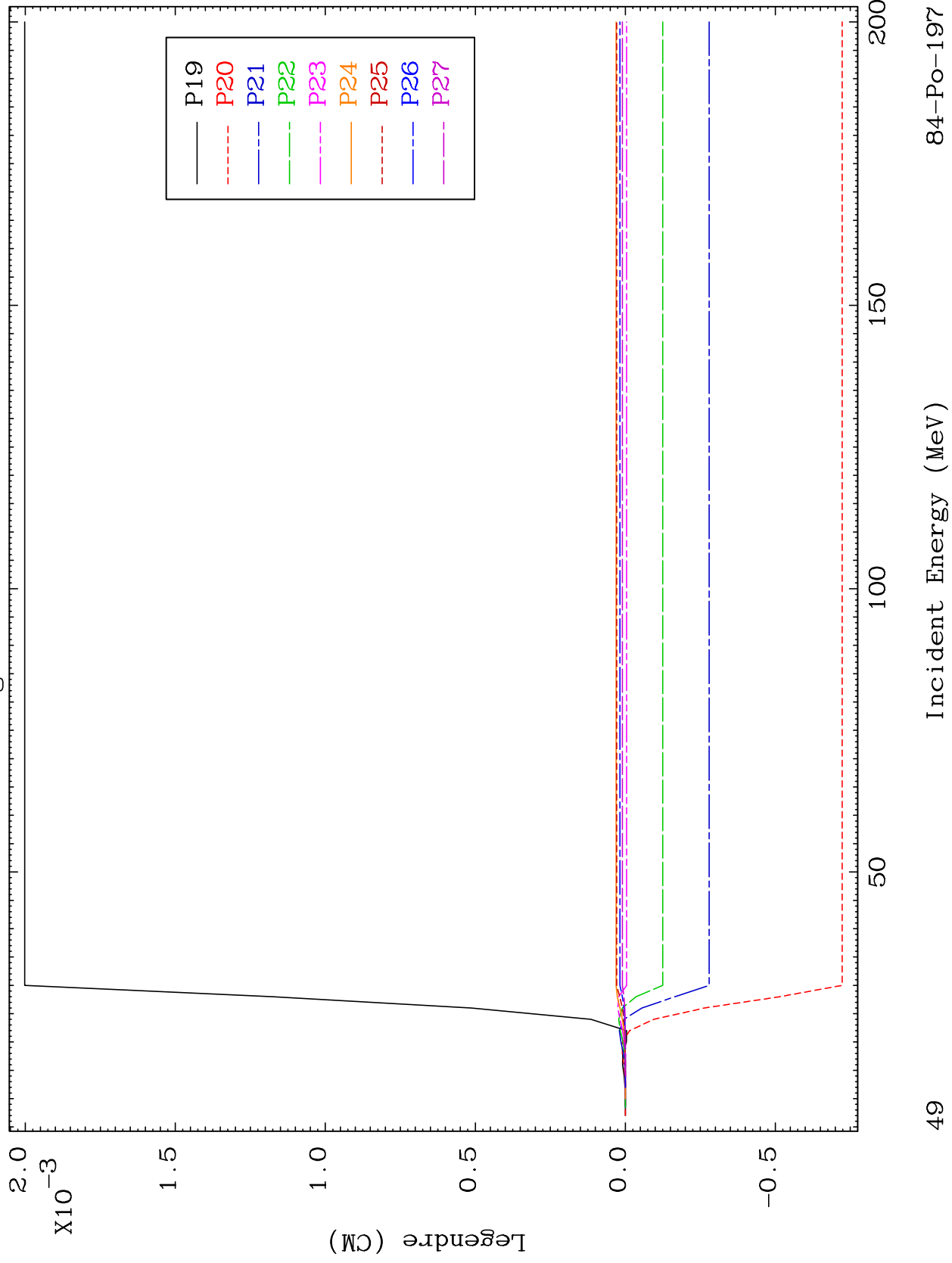
Incident Energy (MeV)

48

MAT 8398

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

84-Po-197



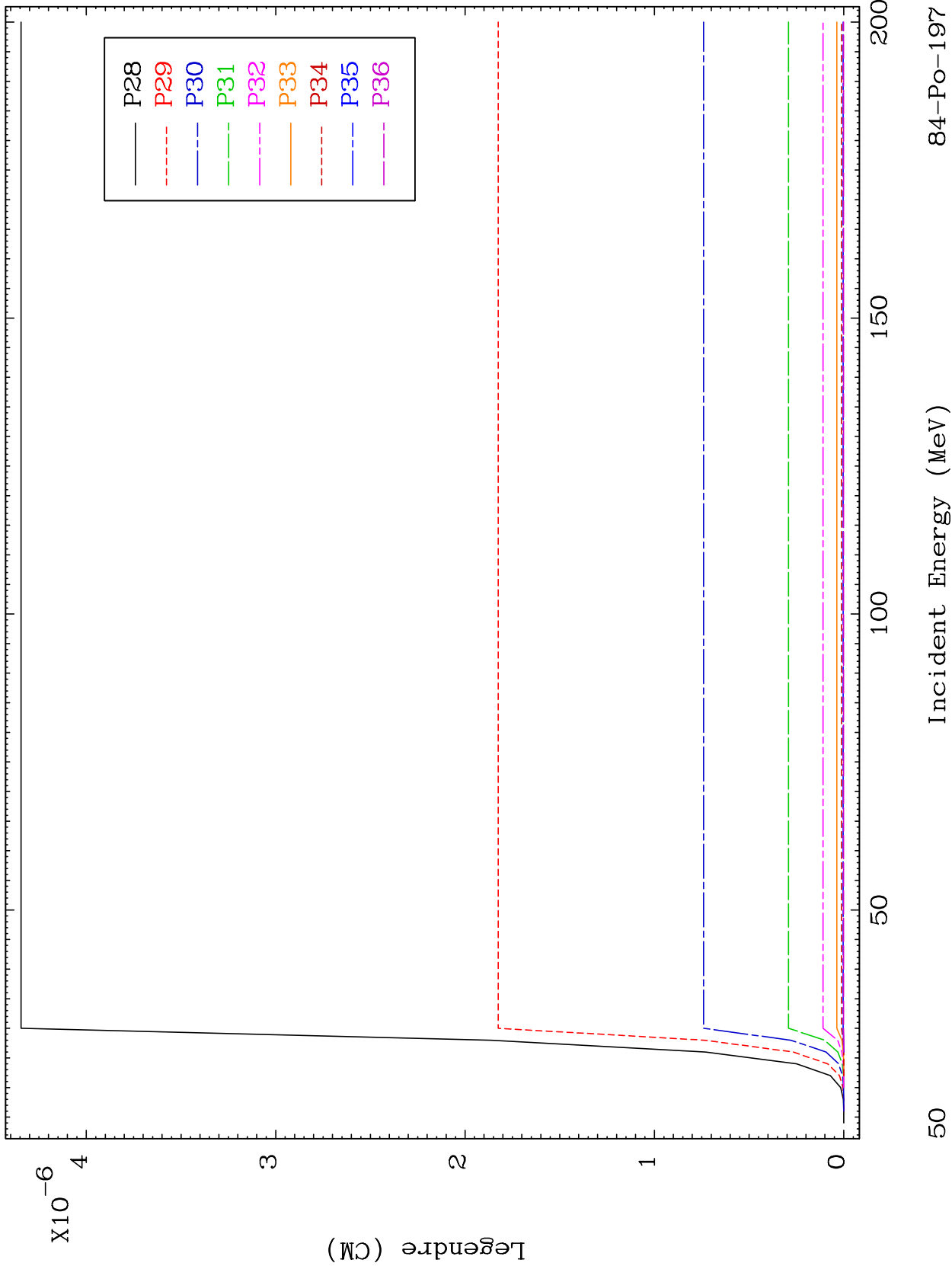
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84-Po-197

MAT 8398

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

84-Po-197



84-Po-197

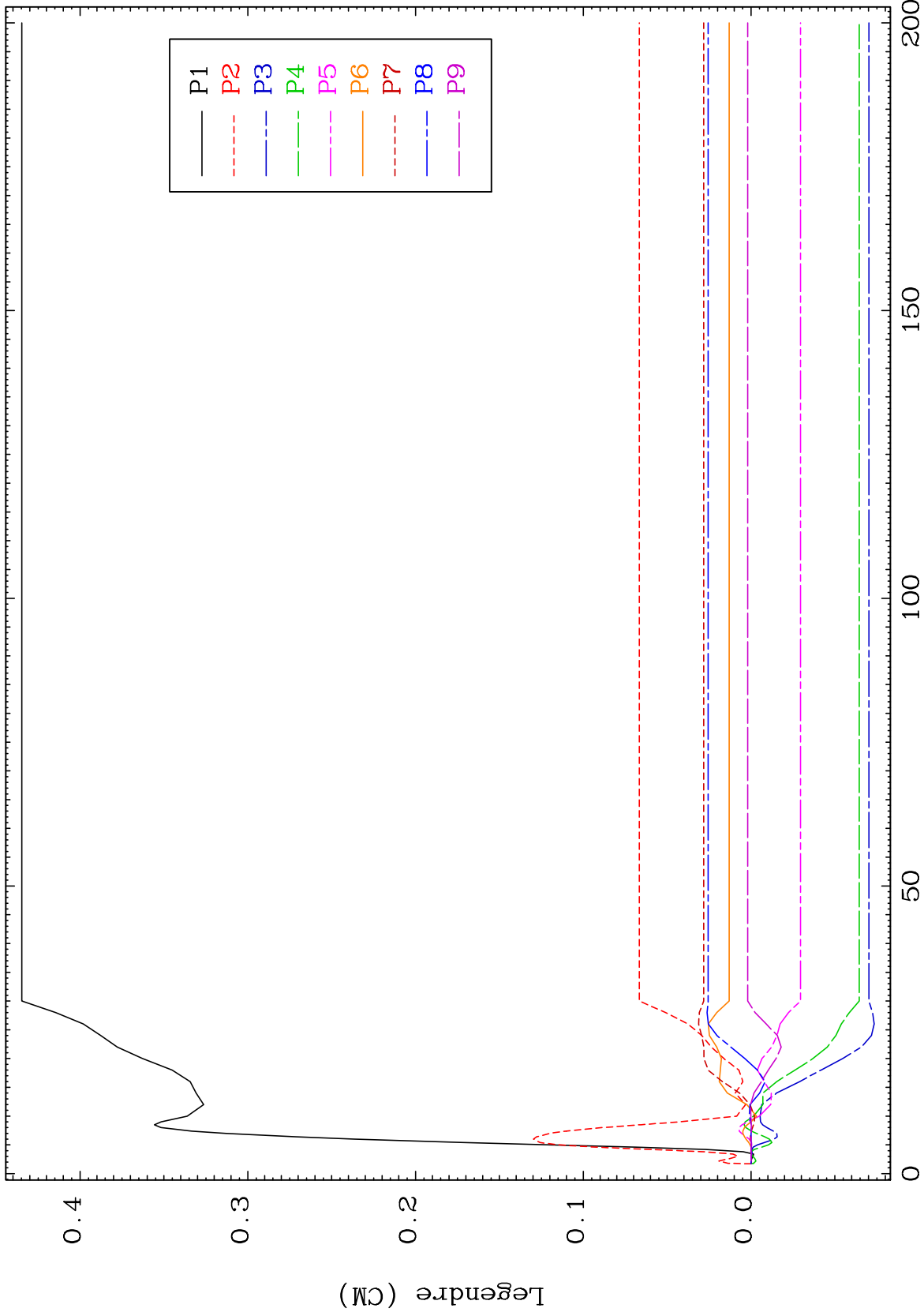
Incident Energy (MeV)

50

MAT 8398

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

84-Po-197



51

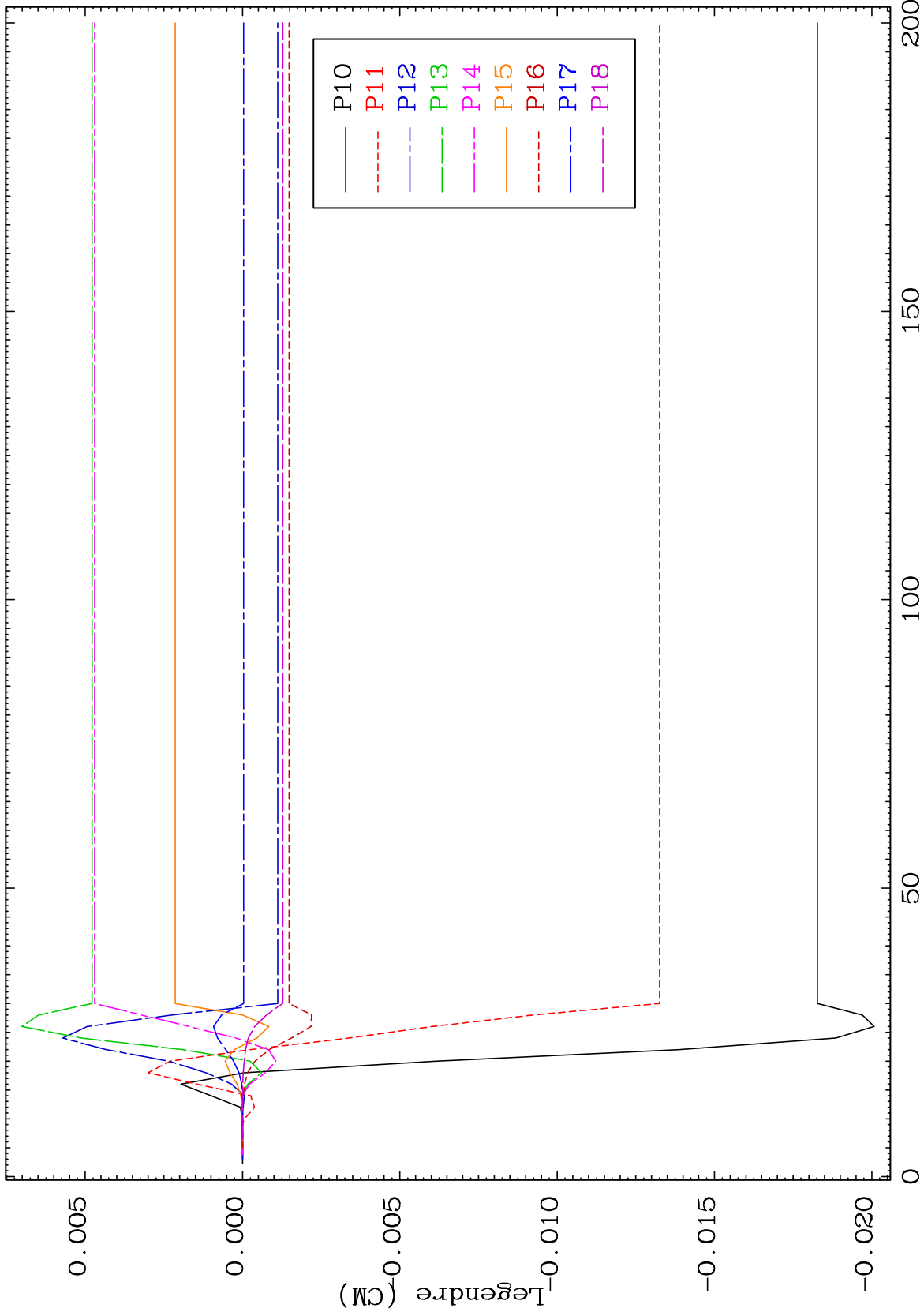
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



52

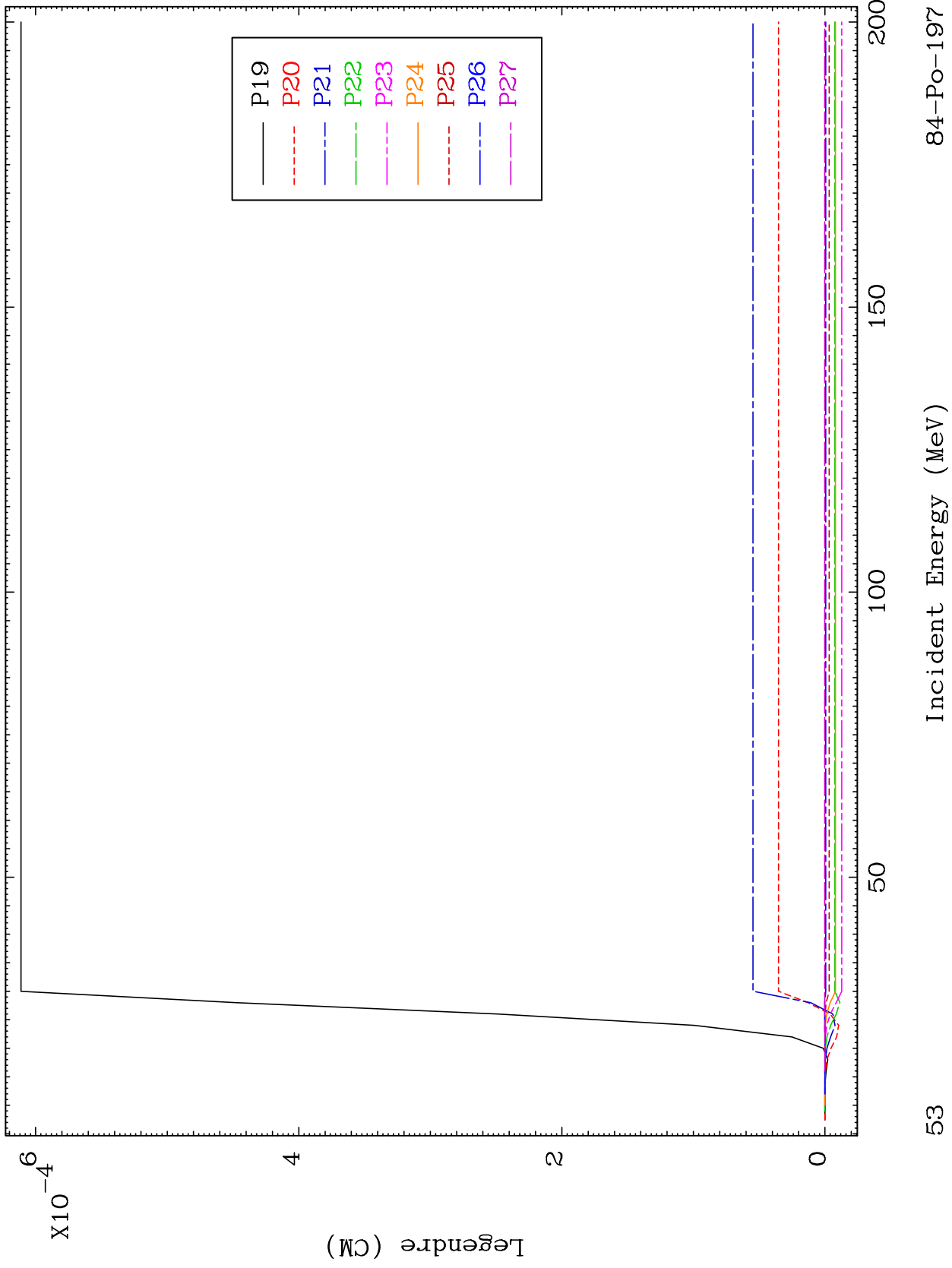
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



53

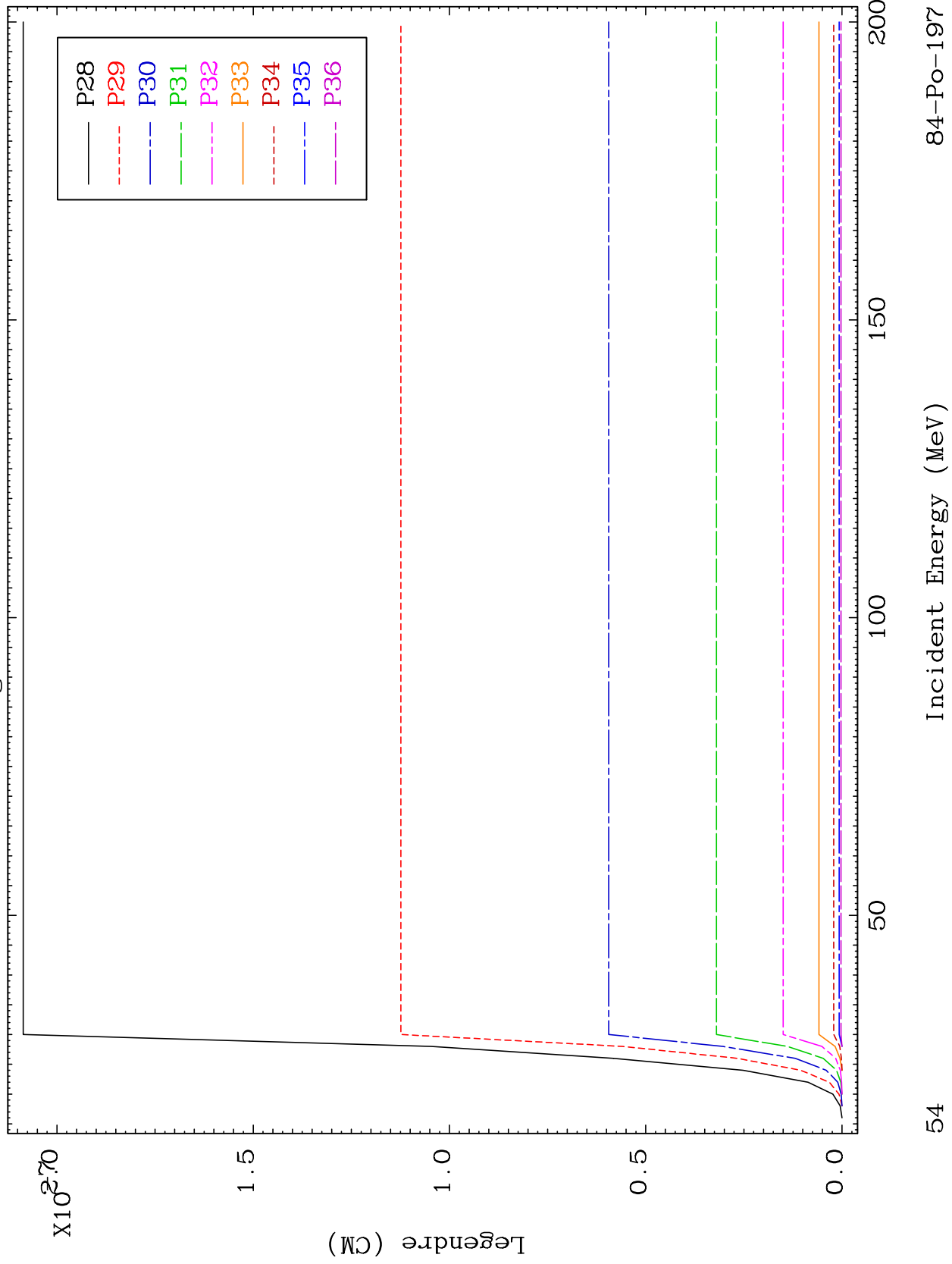
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



54

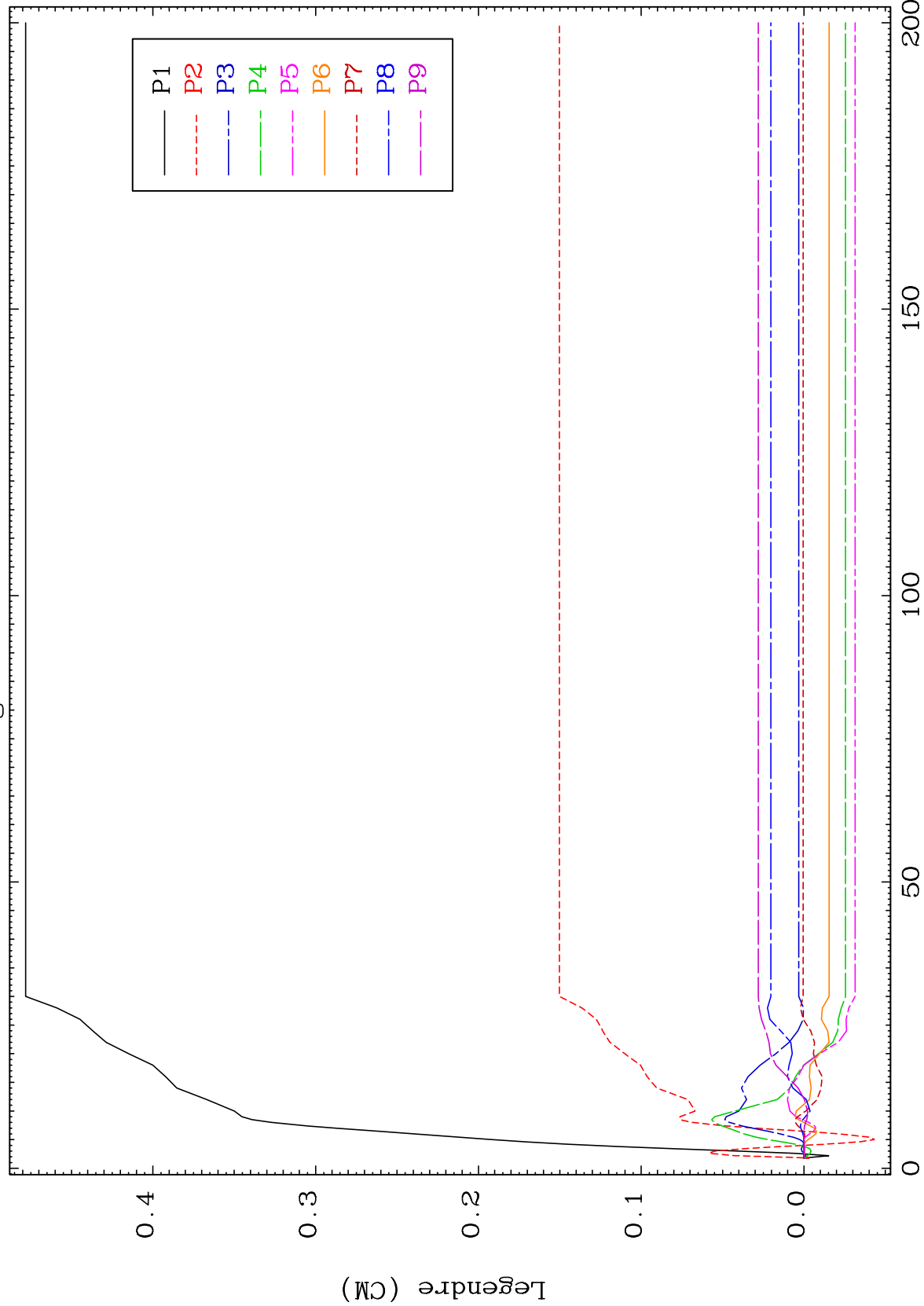
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



84-Po-197

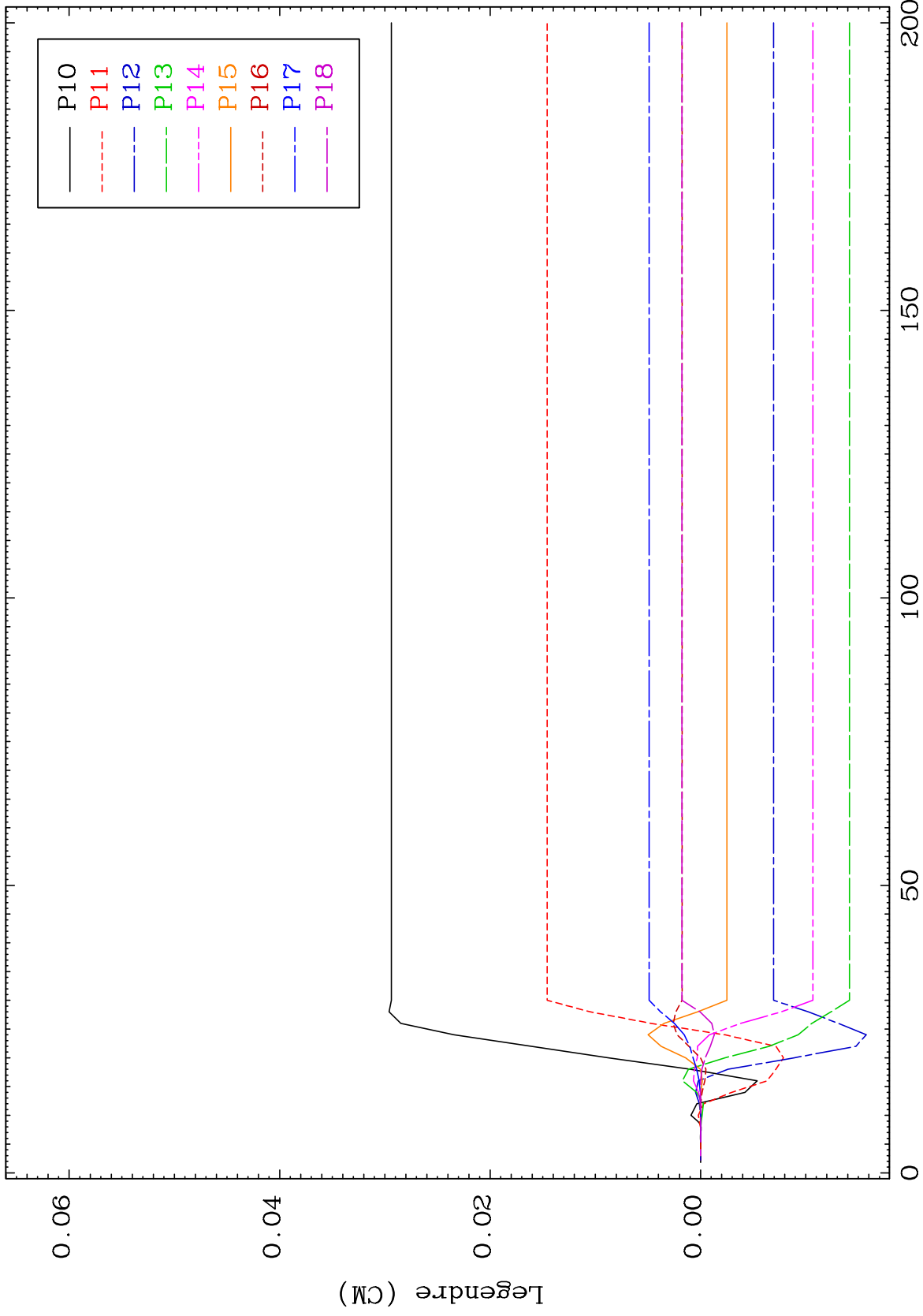
Incident Energy (MeV)

55

MAT 8398

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

84-Po-197



56

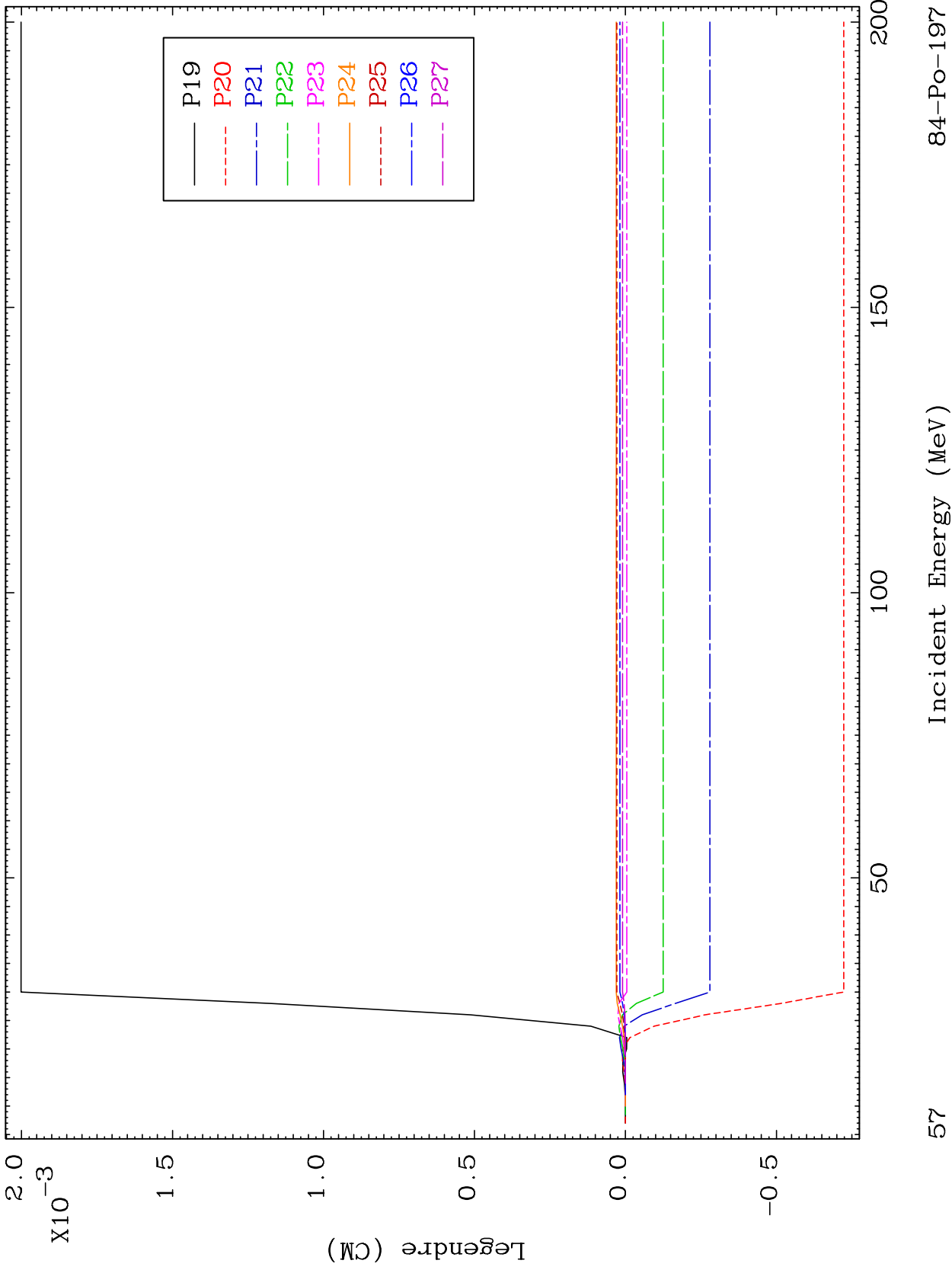
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



57

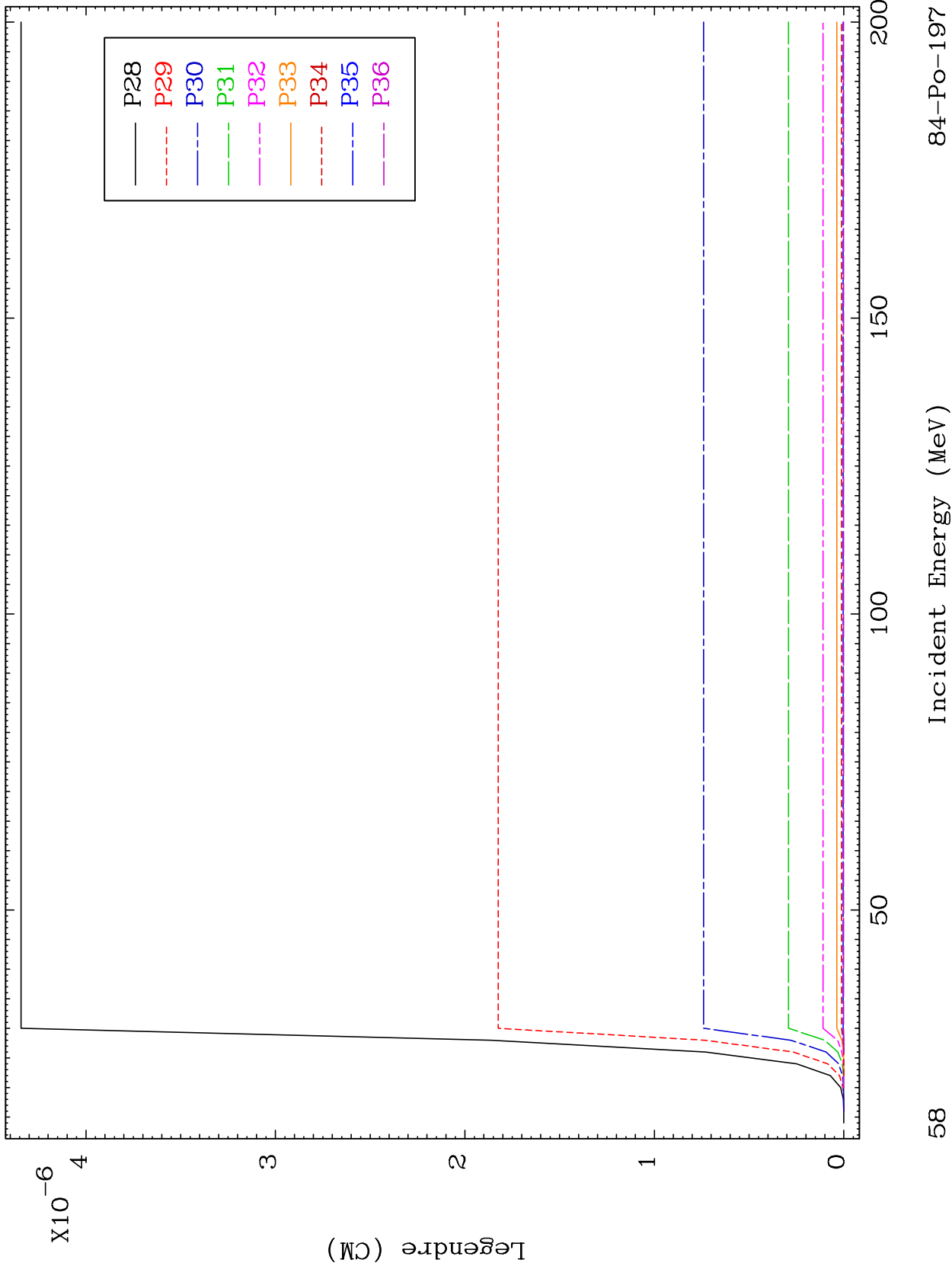
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



58

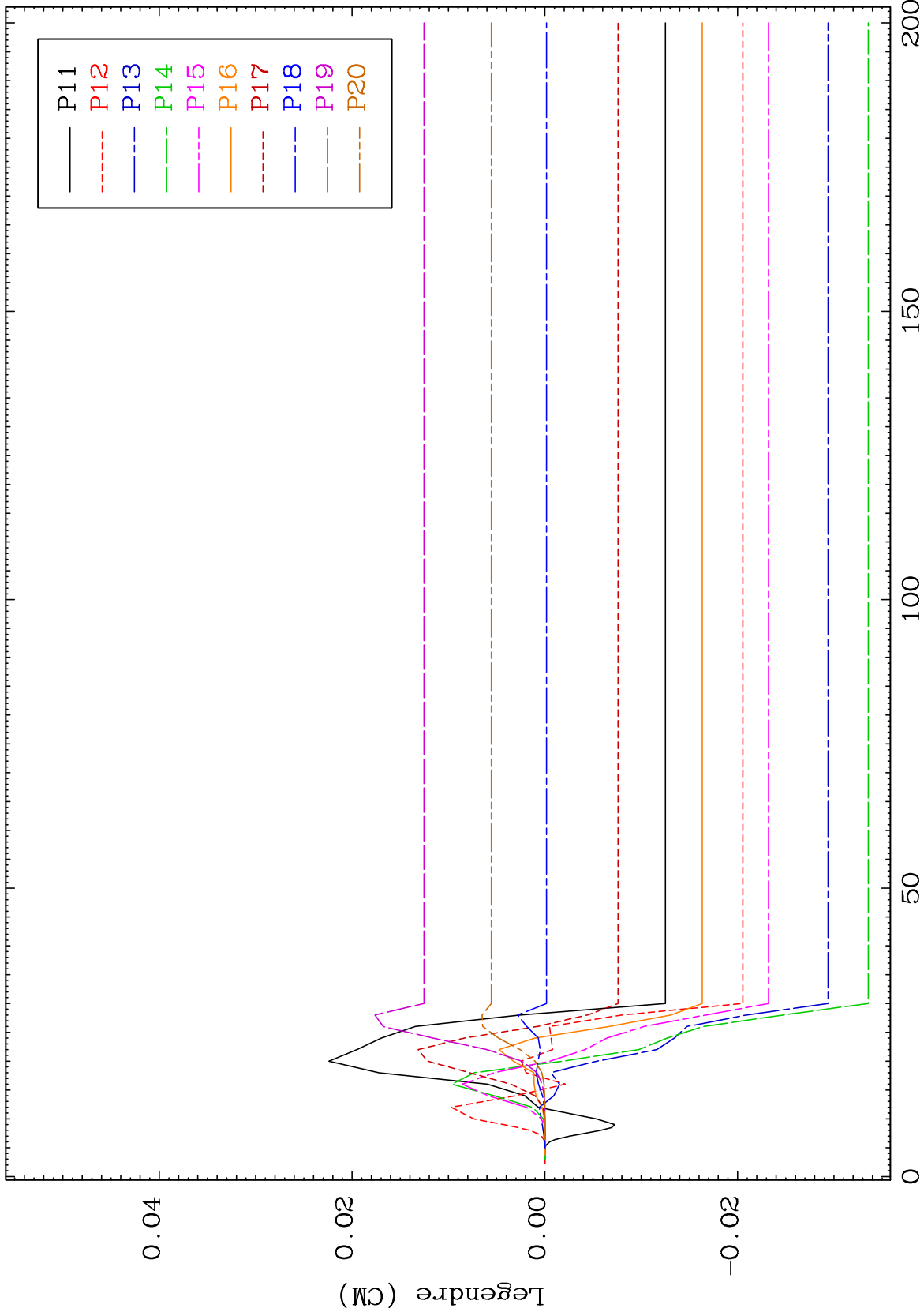
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



60

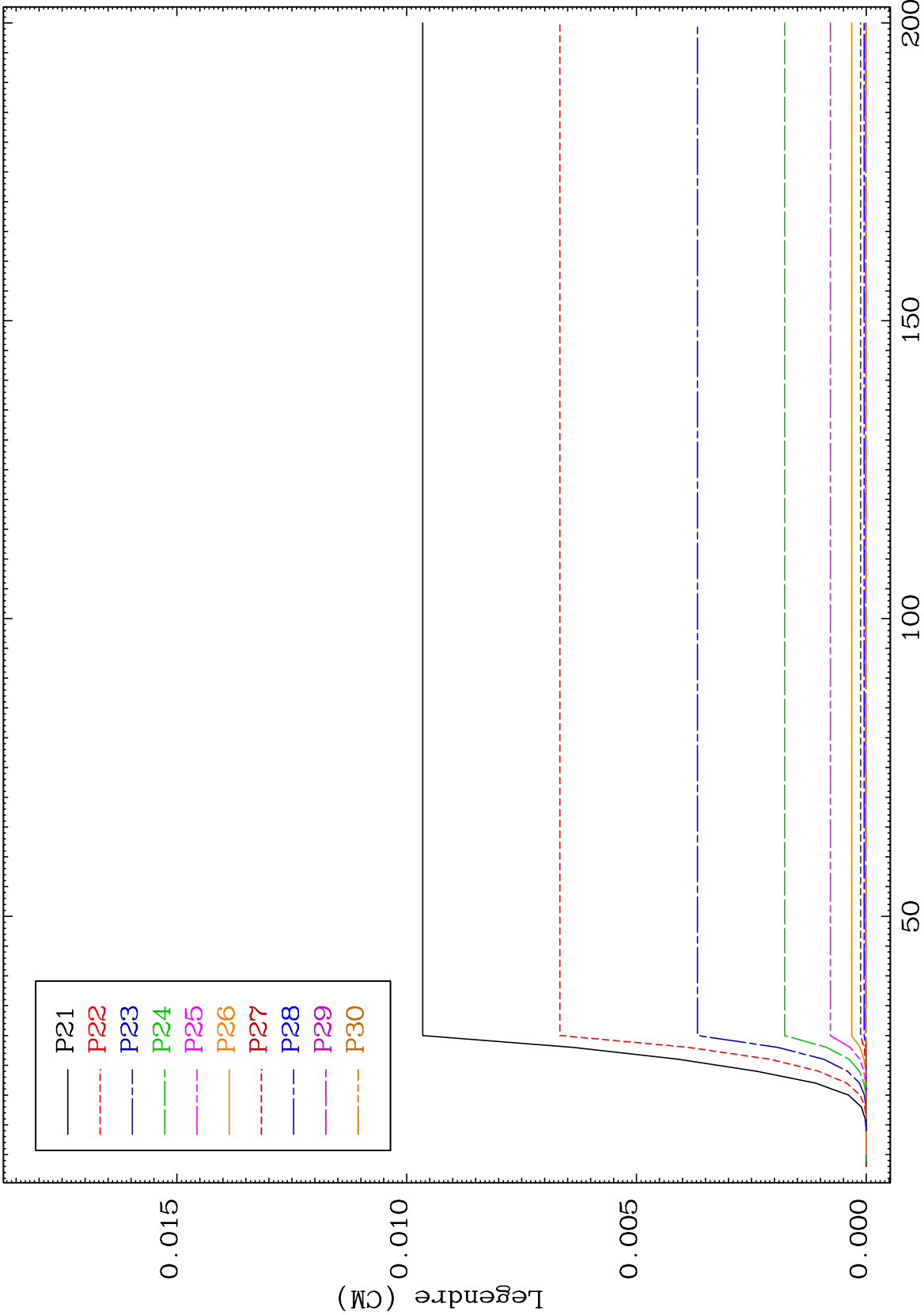
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



61

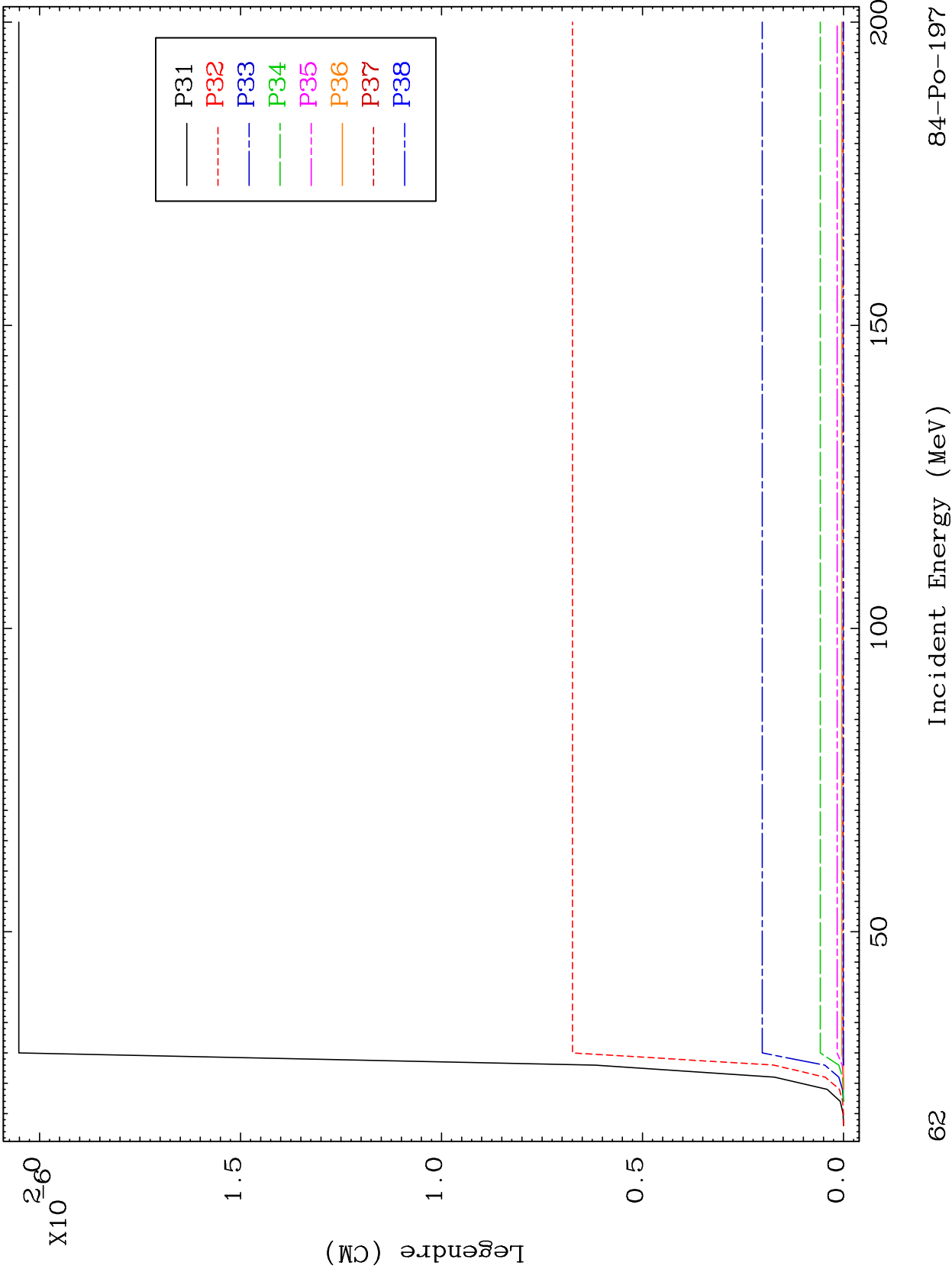
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



62

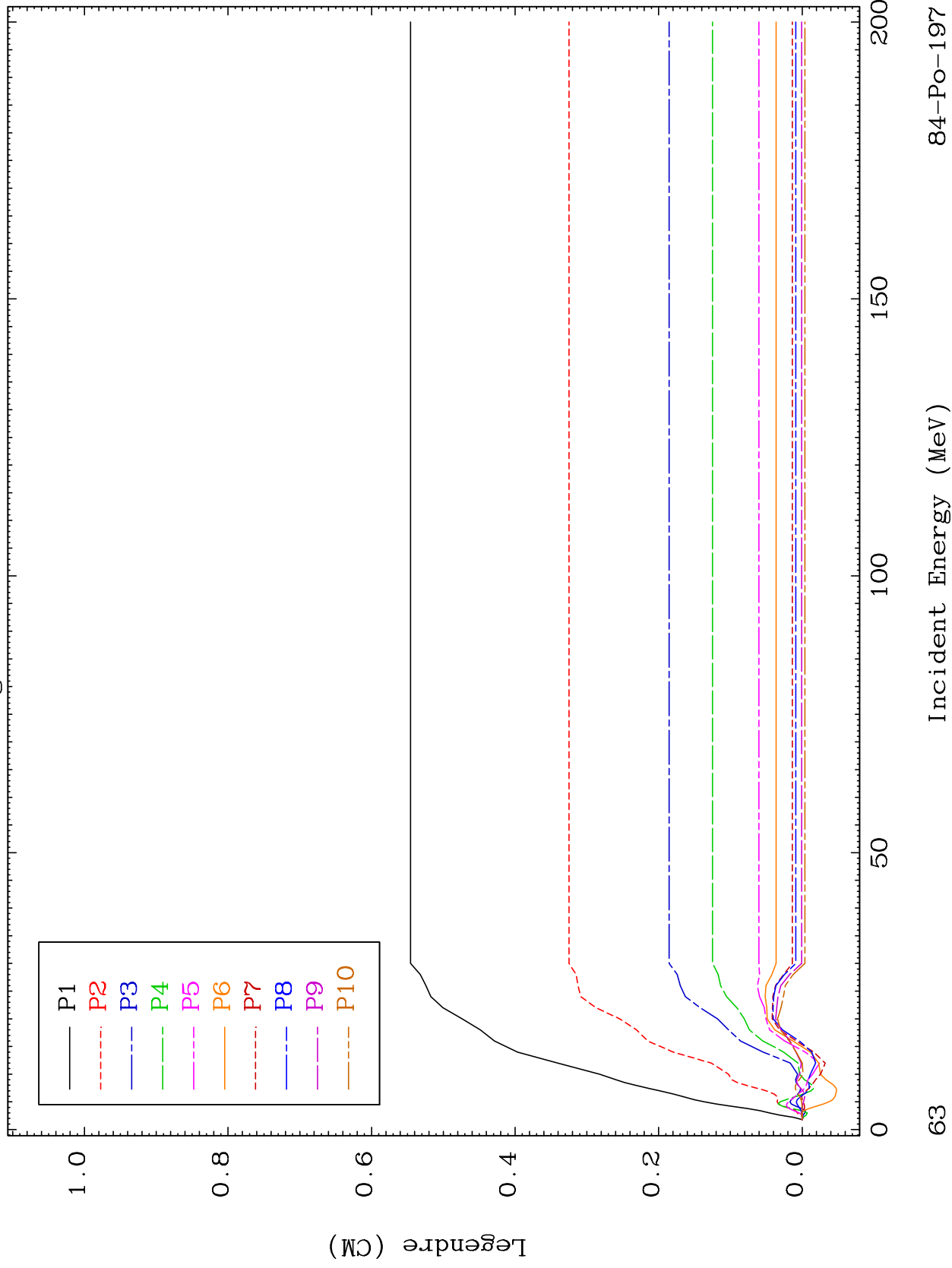
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



84-Po-197

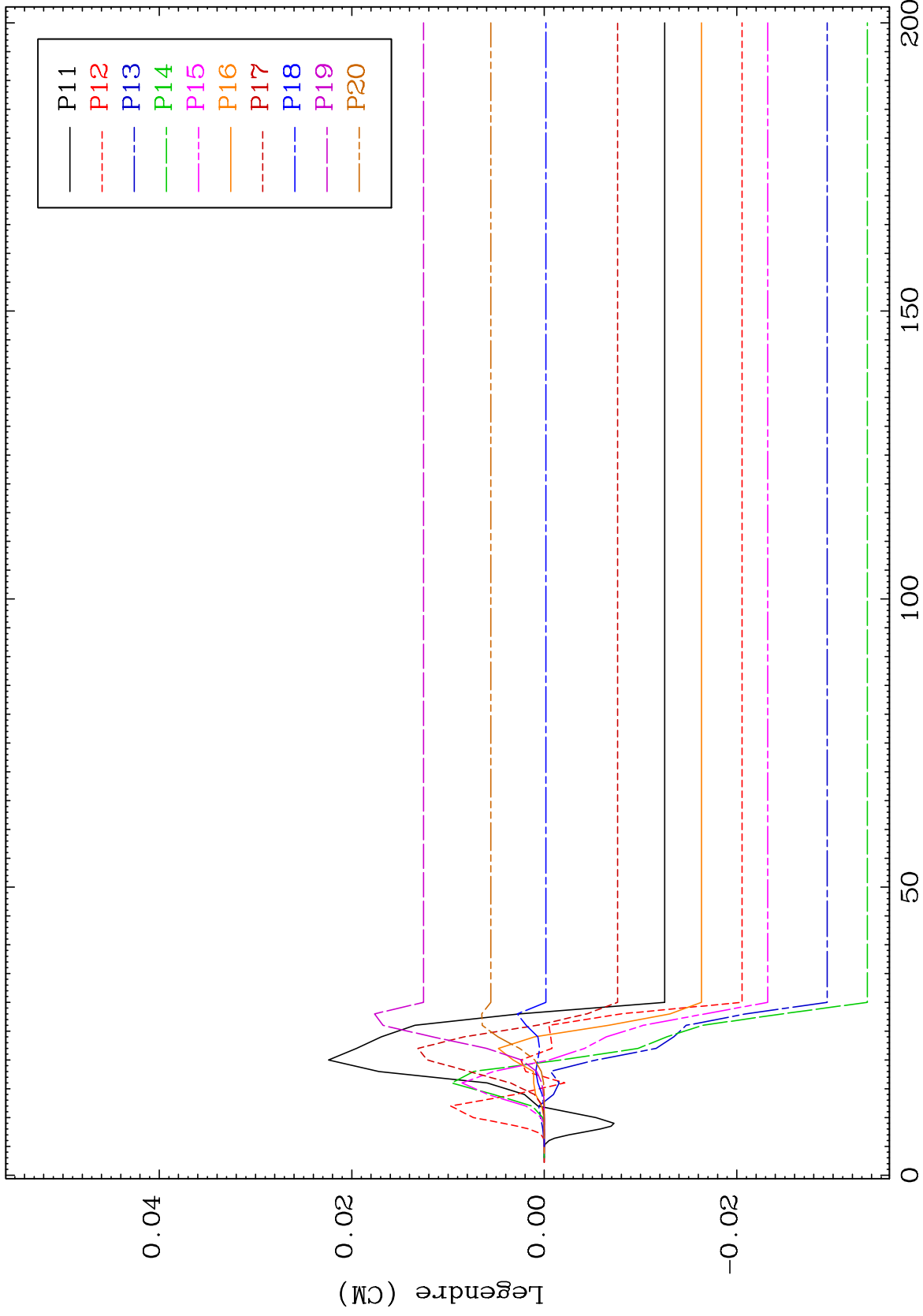
Incident Energy (MeV)

63

MAT 8398

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

84-Po-197



64

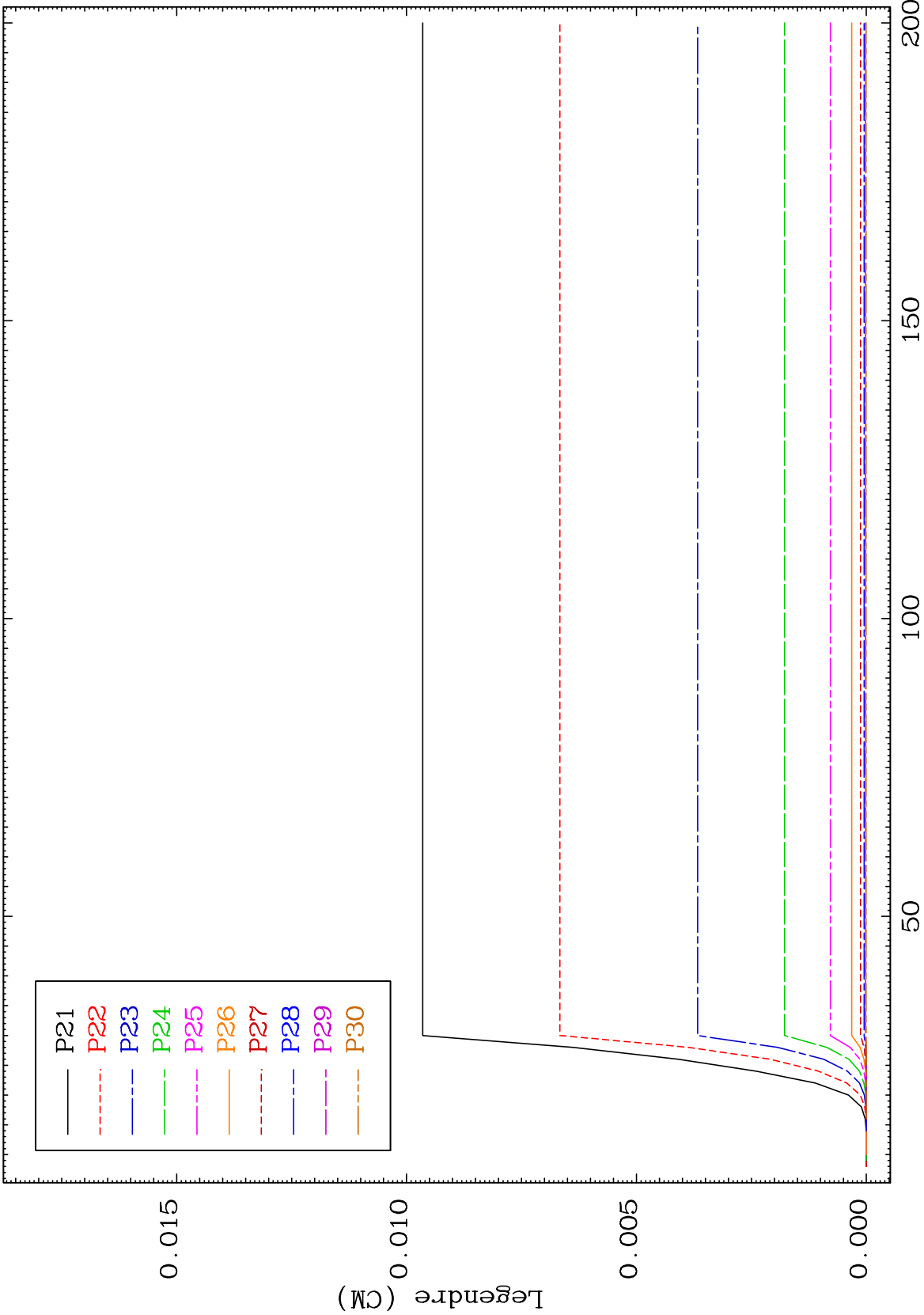
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



65

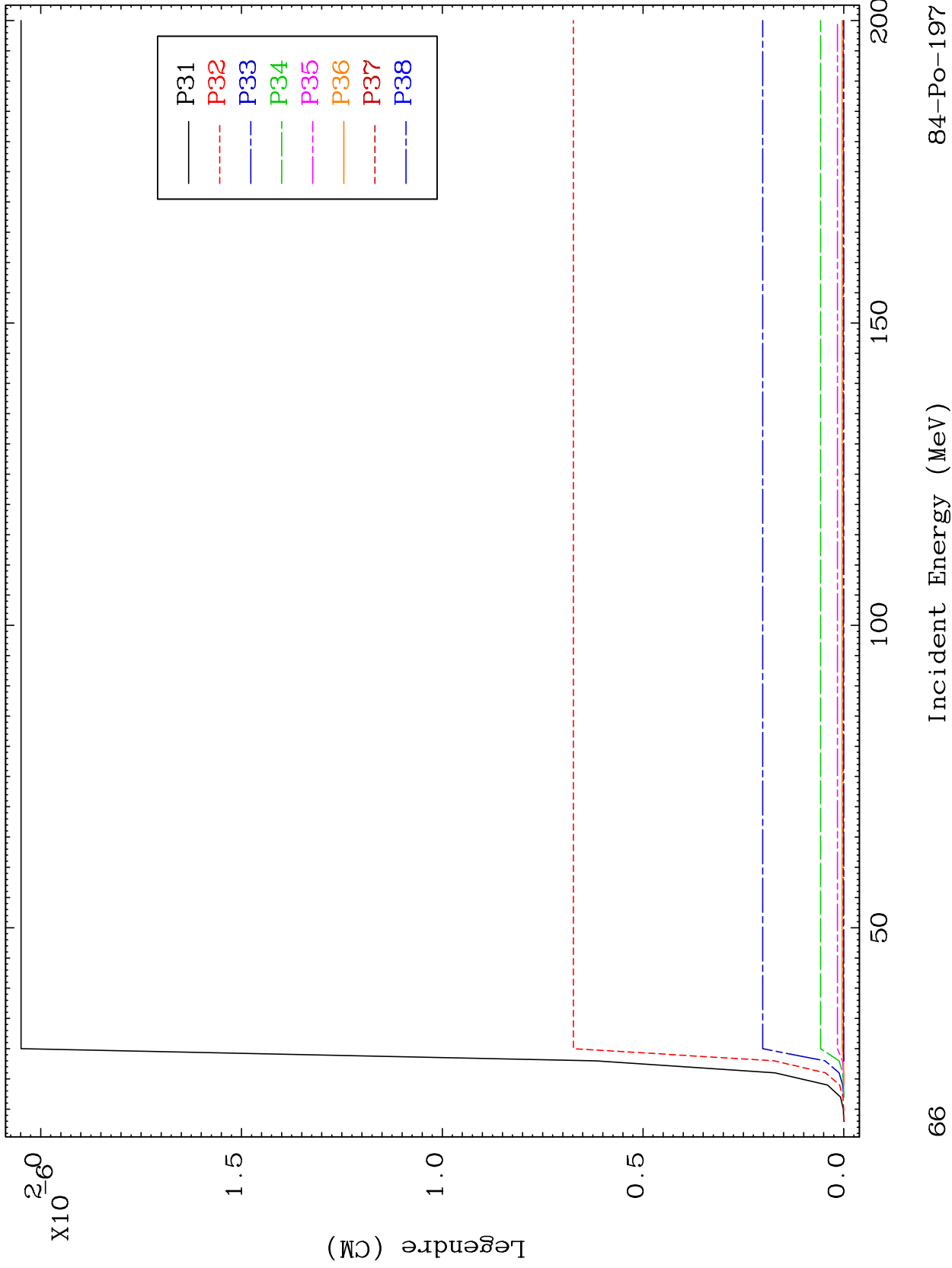
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



66

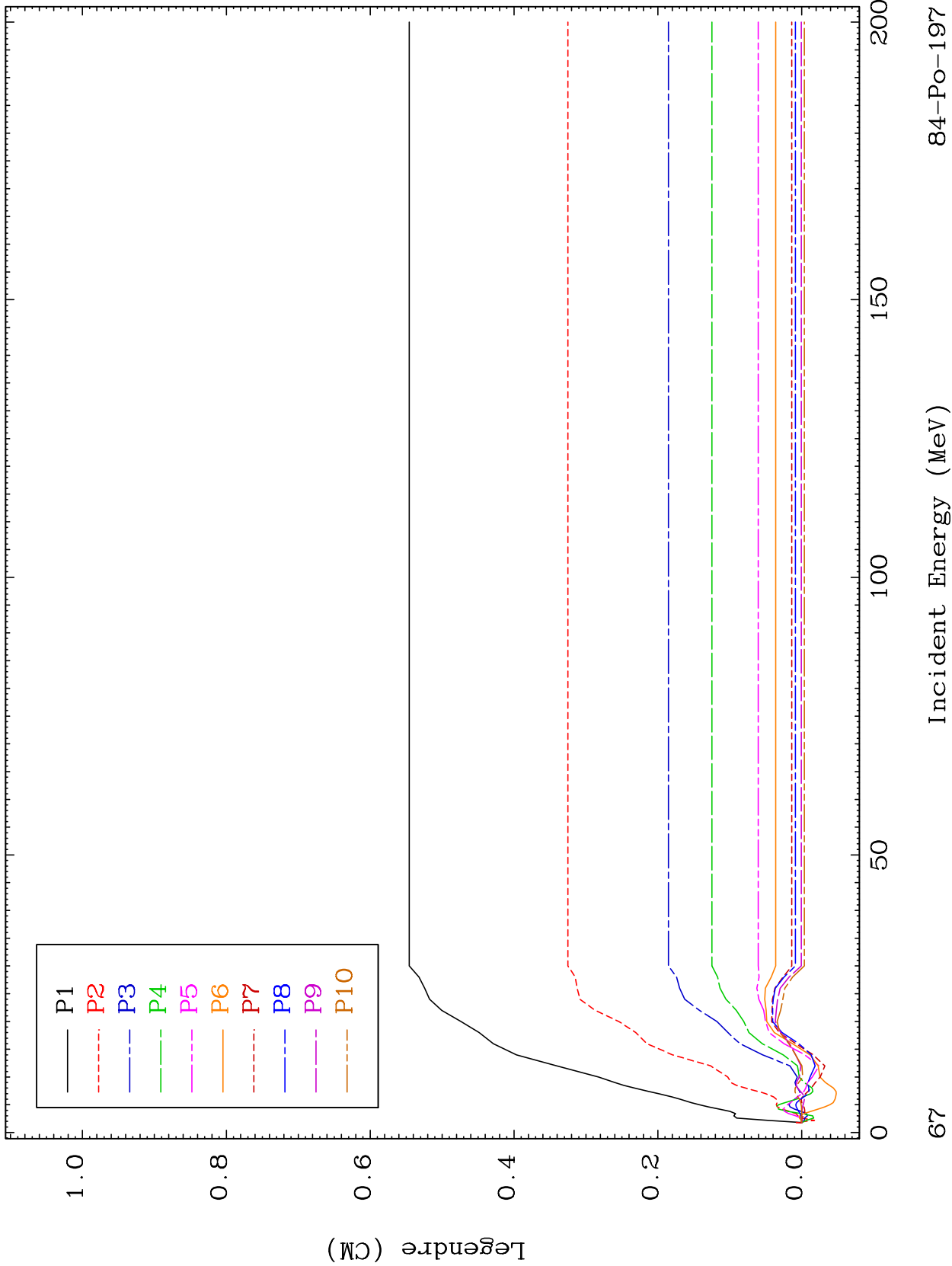
Incident Energy (MeV)

84-Po-197

MAT 8398

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

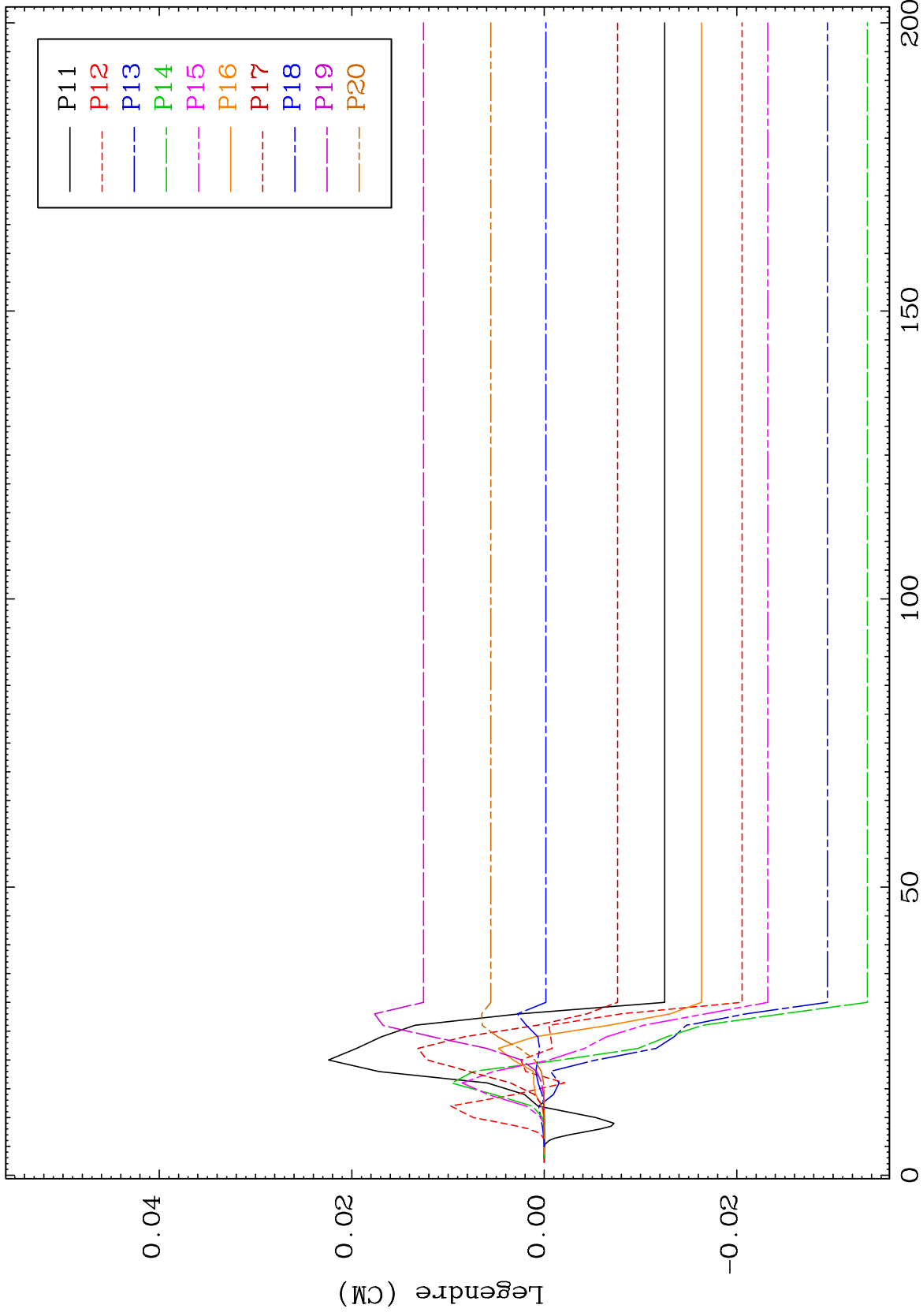
84-Po-197



MAT 8398

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

84-Po-197



68

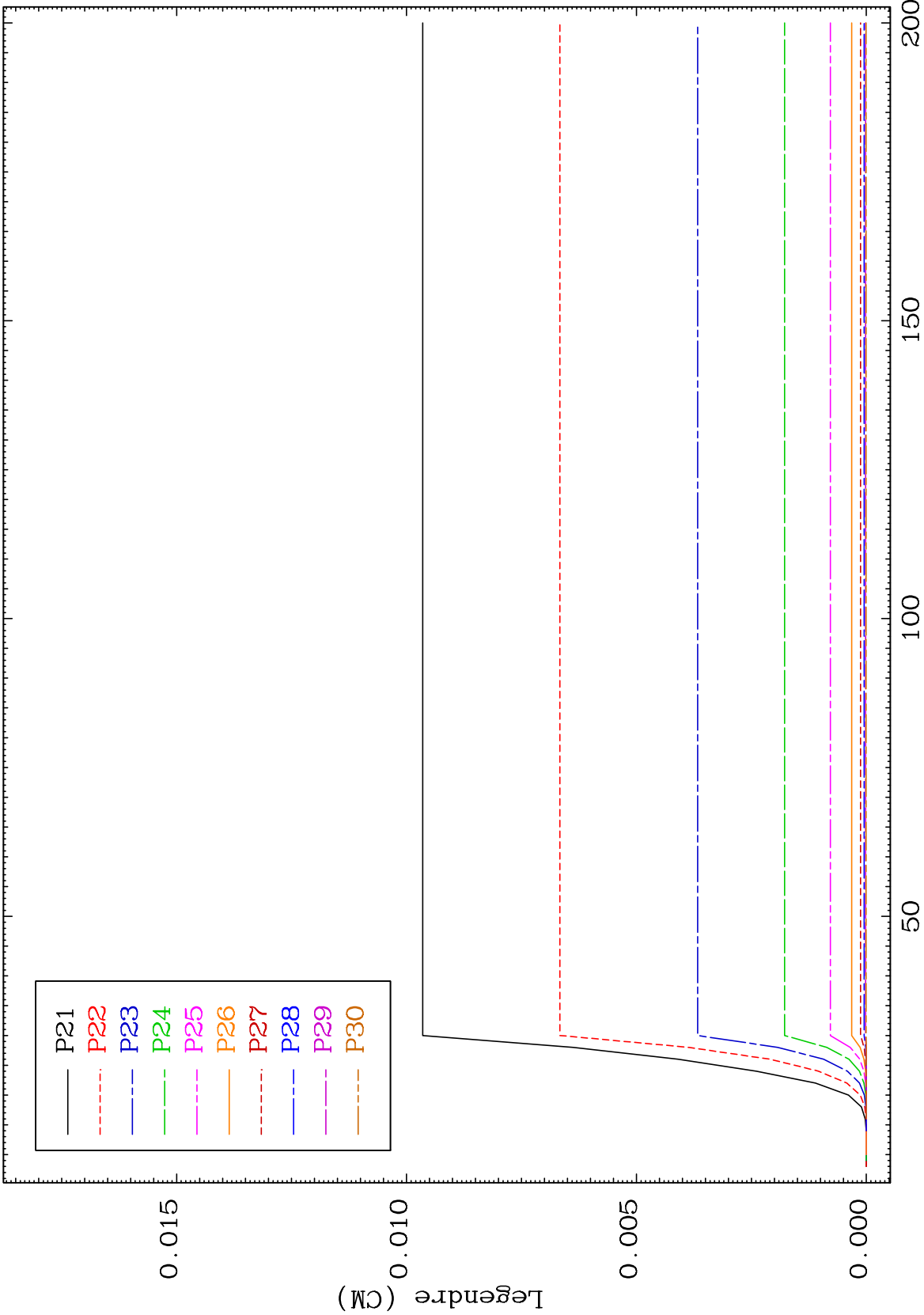
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



69

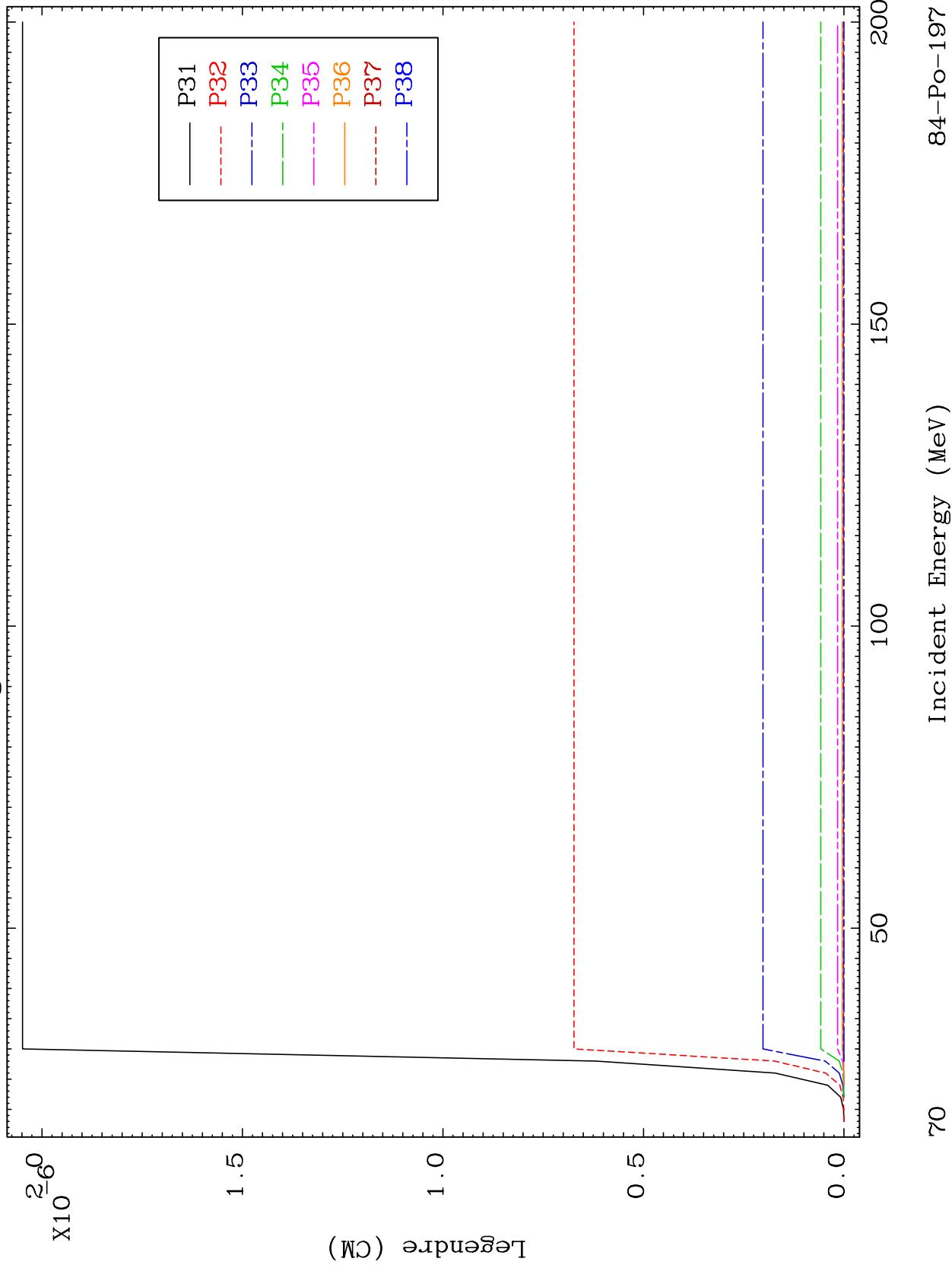
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



84-Po-197

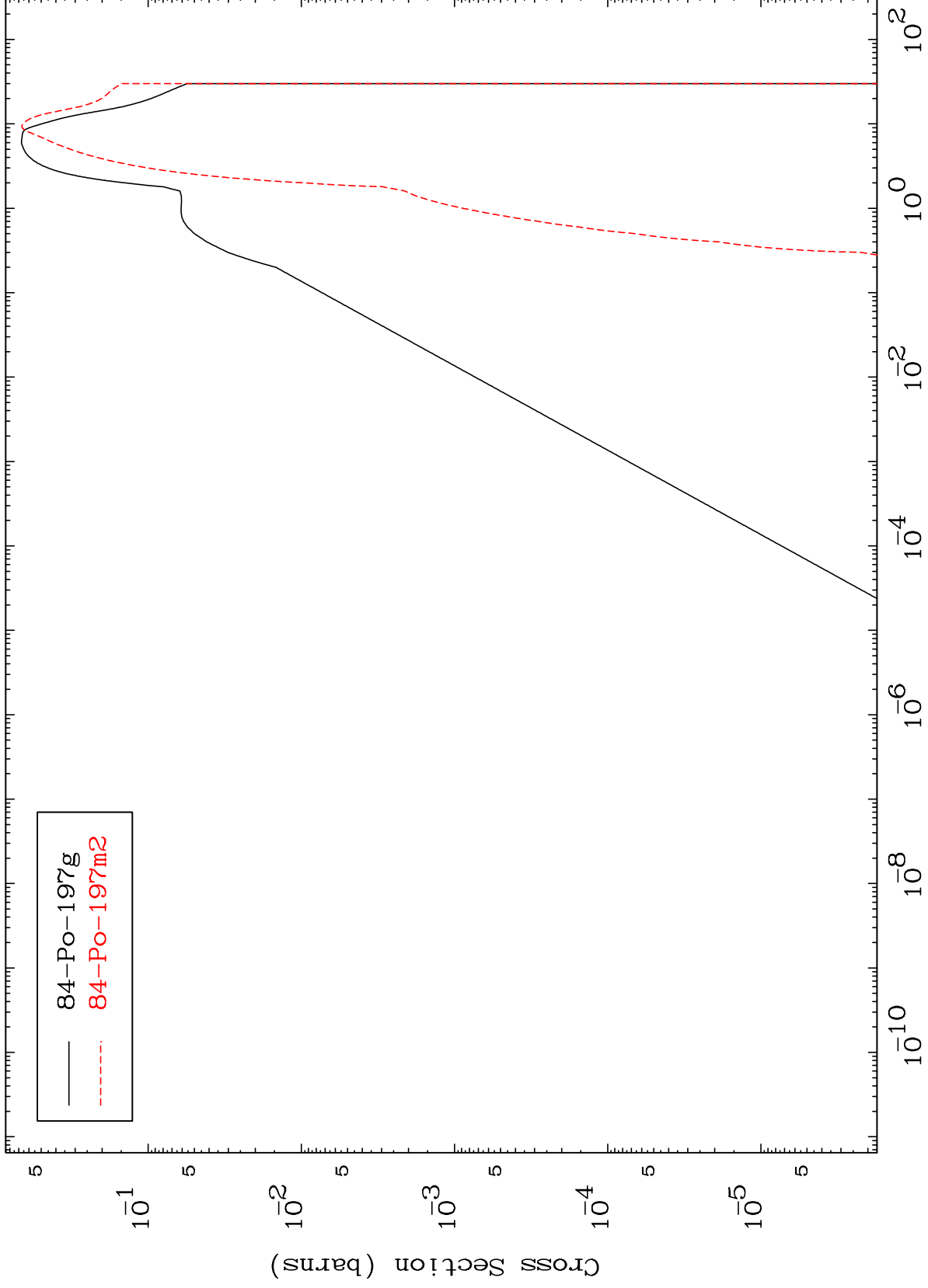
Incident Energy (MeV)

70

MAT 8398

Inelastic
Radionuclide Production Cross Section

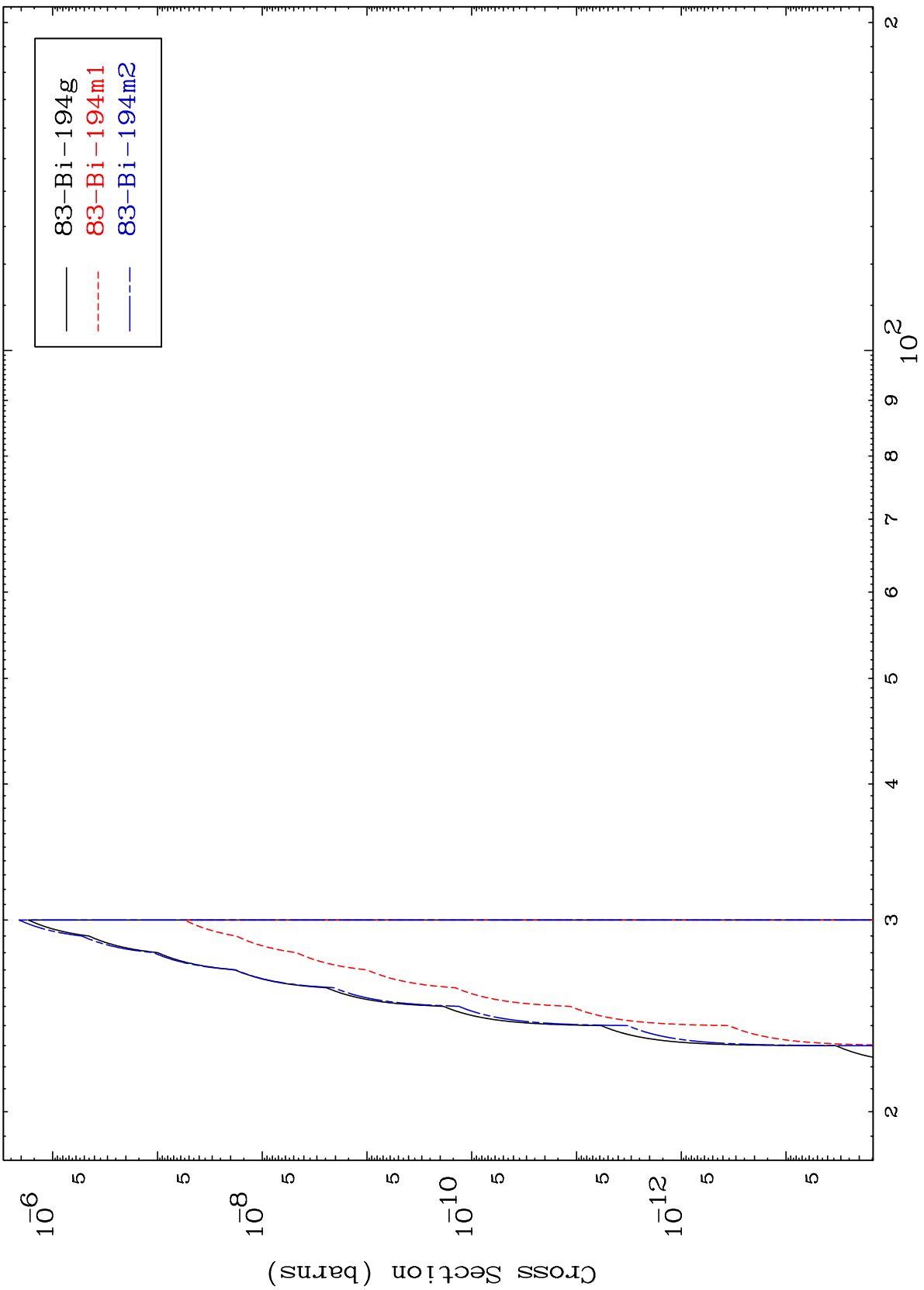
84-Po-197



84-Po-197g
84-Po-197m2

84-Po-197

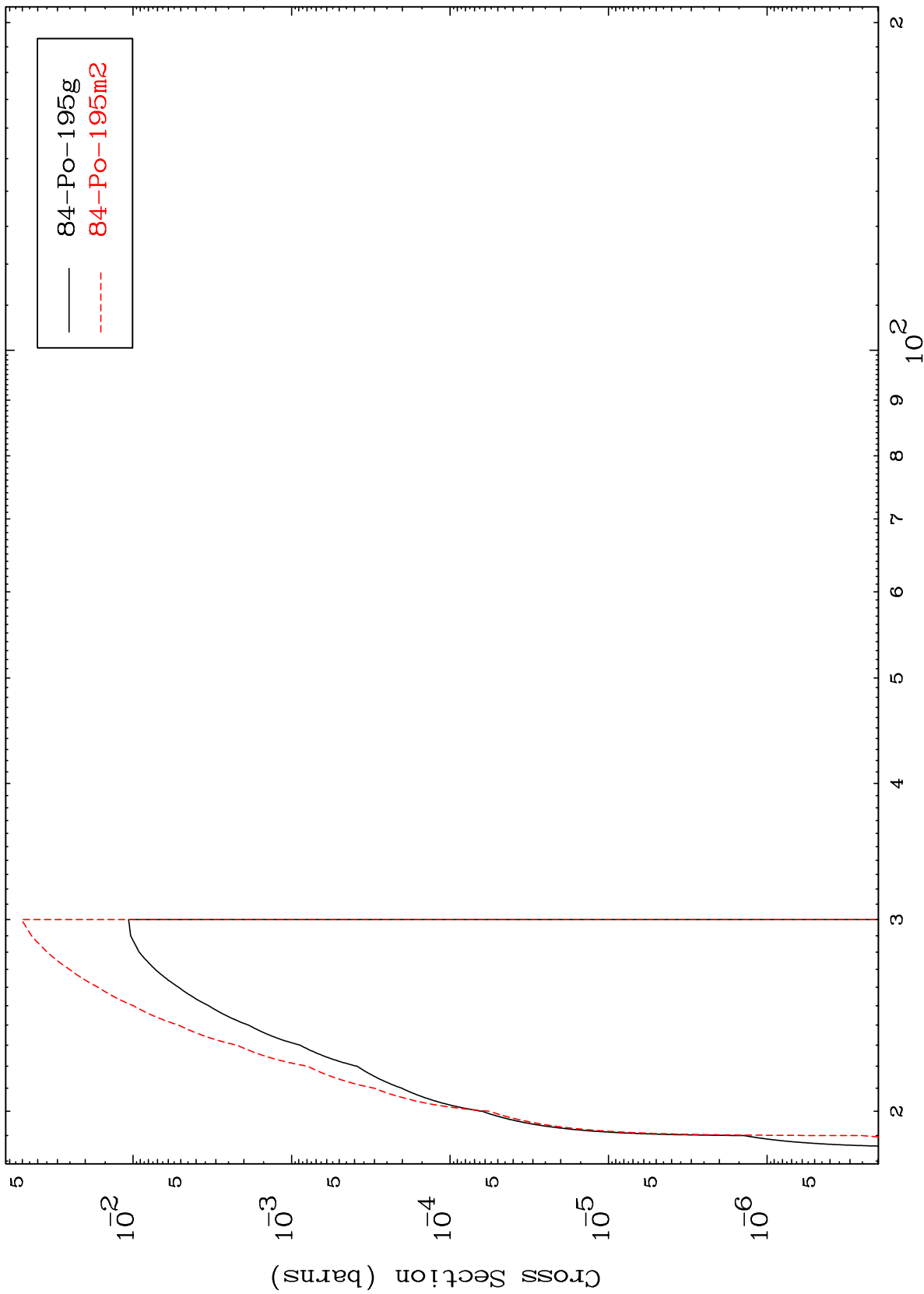
Radionuclide Production Cross Section



MAT 8398

84-Po-197

(n,3n)
Radionuclide Production Cross Section



73

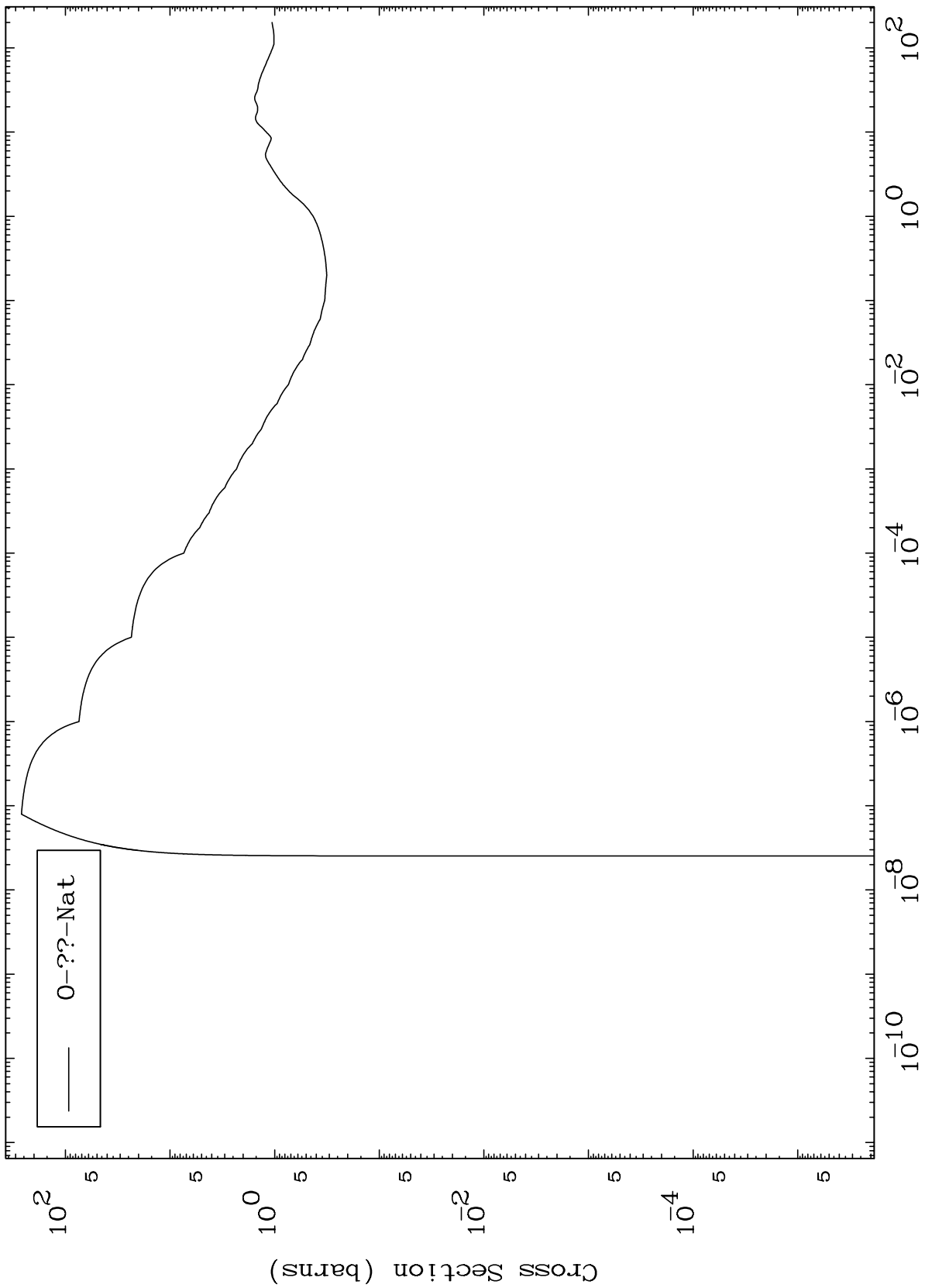
Incident Energy (MeV)

84-Po-197

MAT 8398

84-Po-197

Fission
Radionuclide Production Cross Section



74

84-Po-197

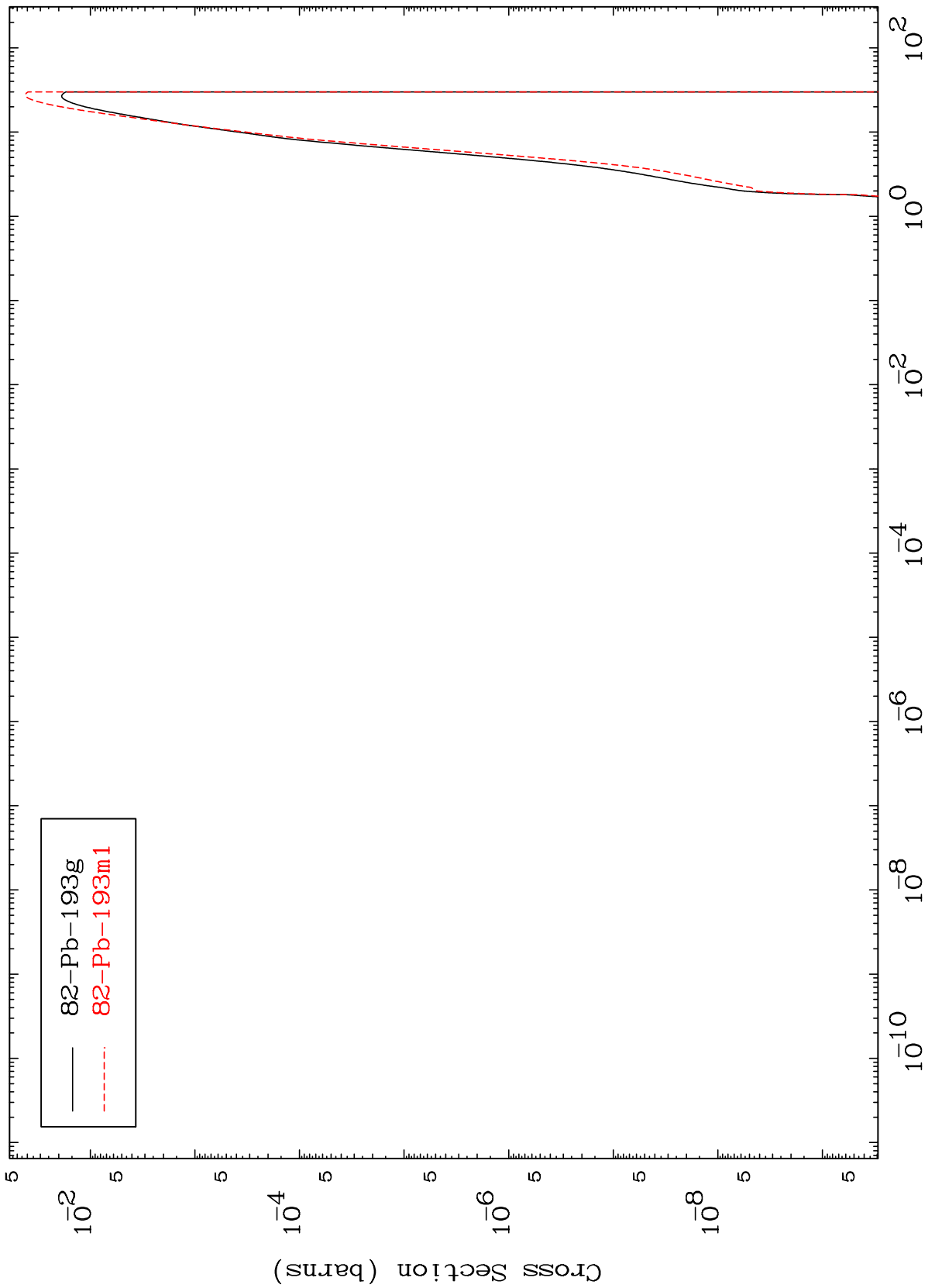
Incident Energy (MeV)

MAT 8398

$(n, n') \alpha$

84-Po-197

Radionuclide Production Cross Section



75

Incident Energy (MeV)

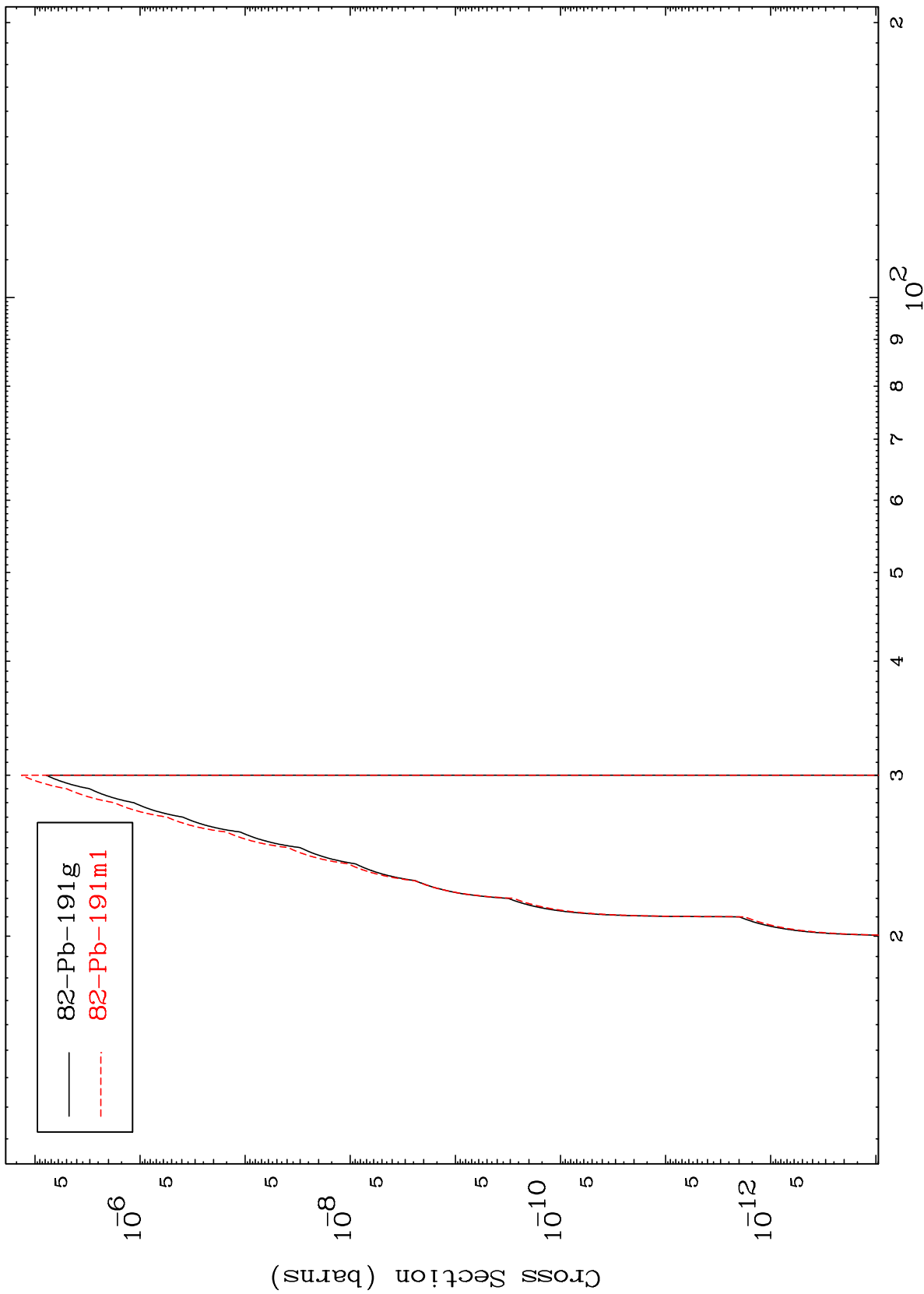
84-Po-197

MAT 8398

(n,3n) α

84-Po-197

Radionuclide Production Cross Section



76

Incident Energy (MeV)

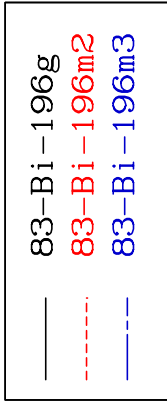
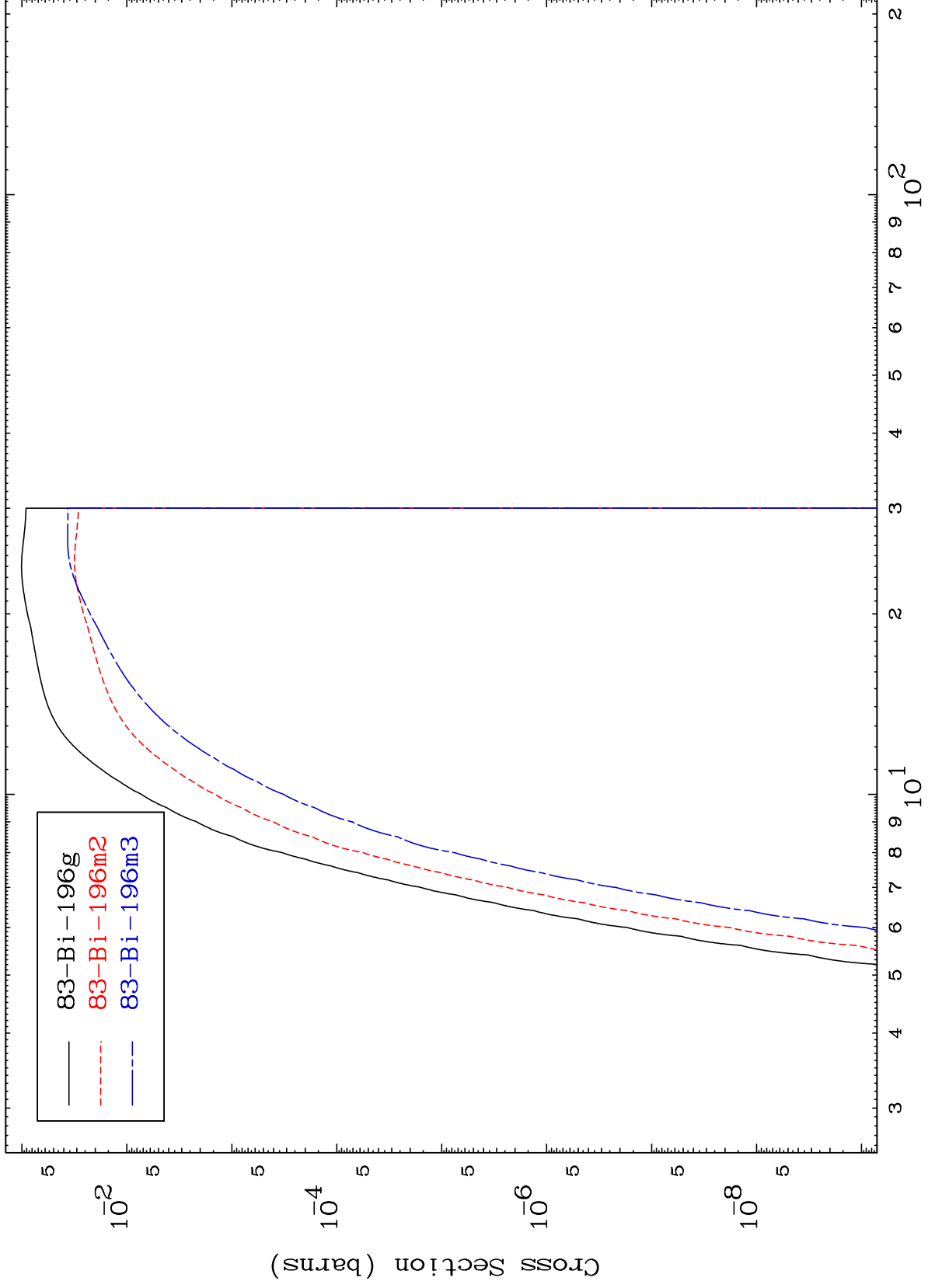
84-Po-197

MAT 8398

(n,n') p

84-Po-197

Radionuclide Production Cross Section



77

Incident Energy (MeV)

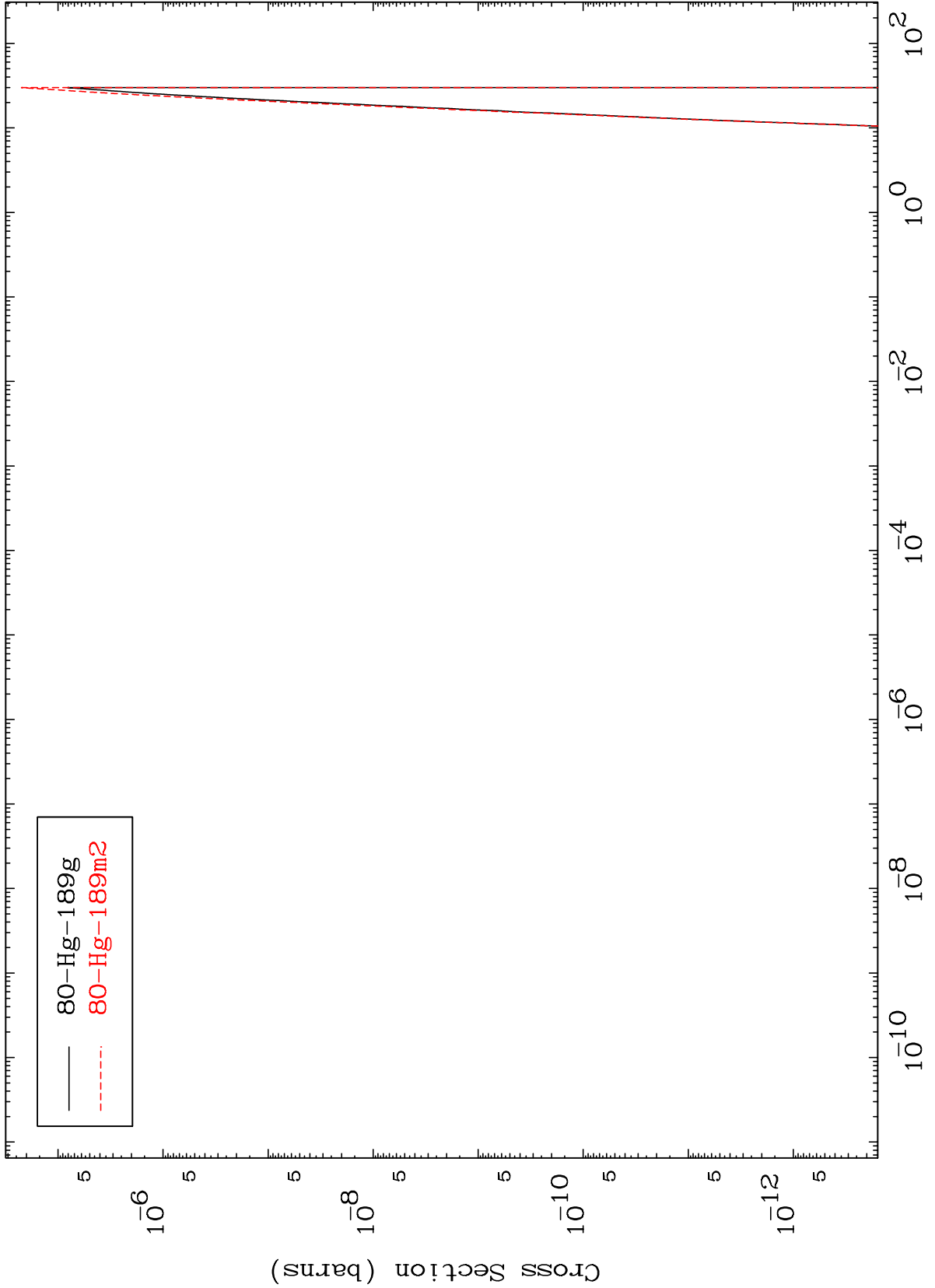
84-Po-197

MAT 8398

(n,n') 2 α

84-Po-197

Radionuclide Production Cross Section



78

Incident Energy (MeV)

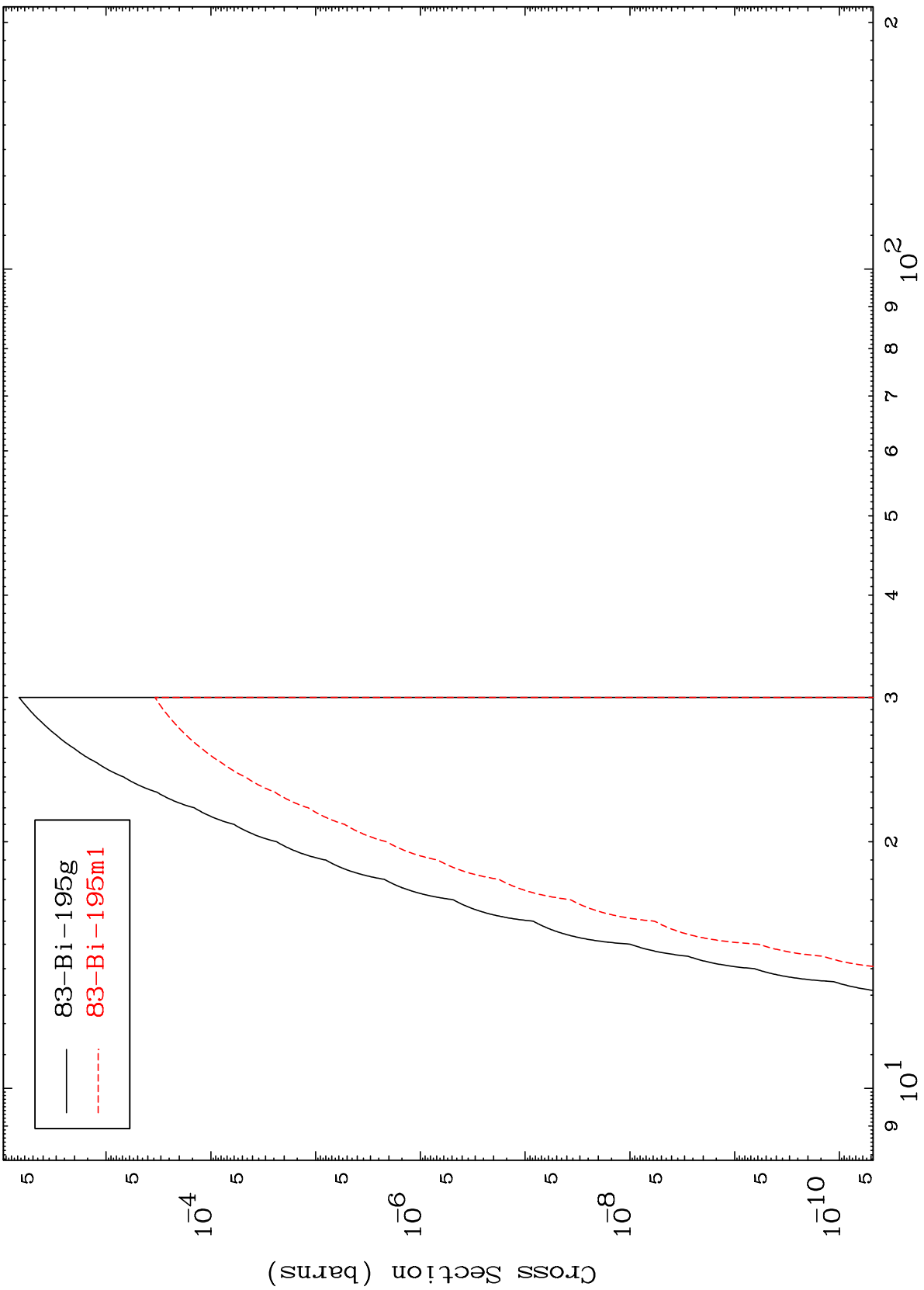
84-Po-197

MAT 8398

(n,n') d

84-Po-197

Radionuclide Production Cross Section

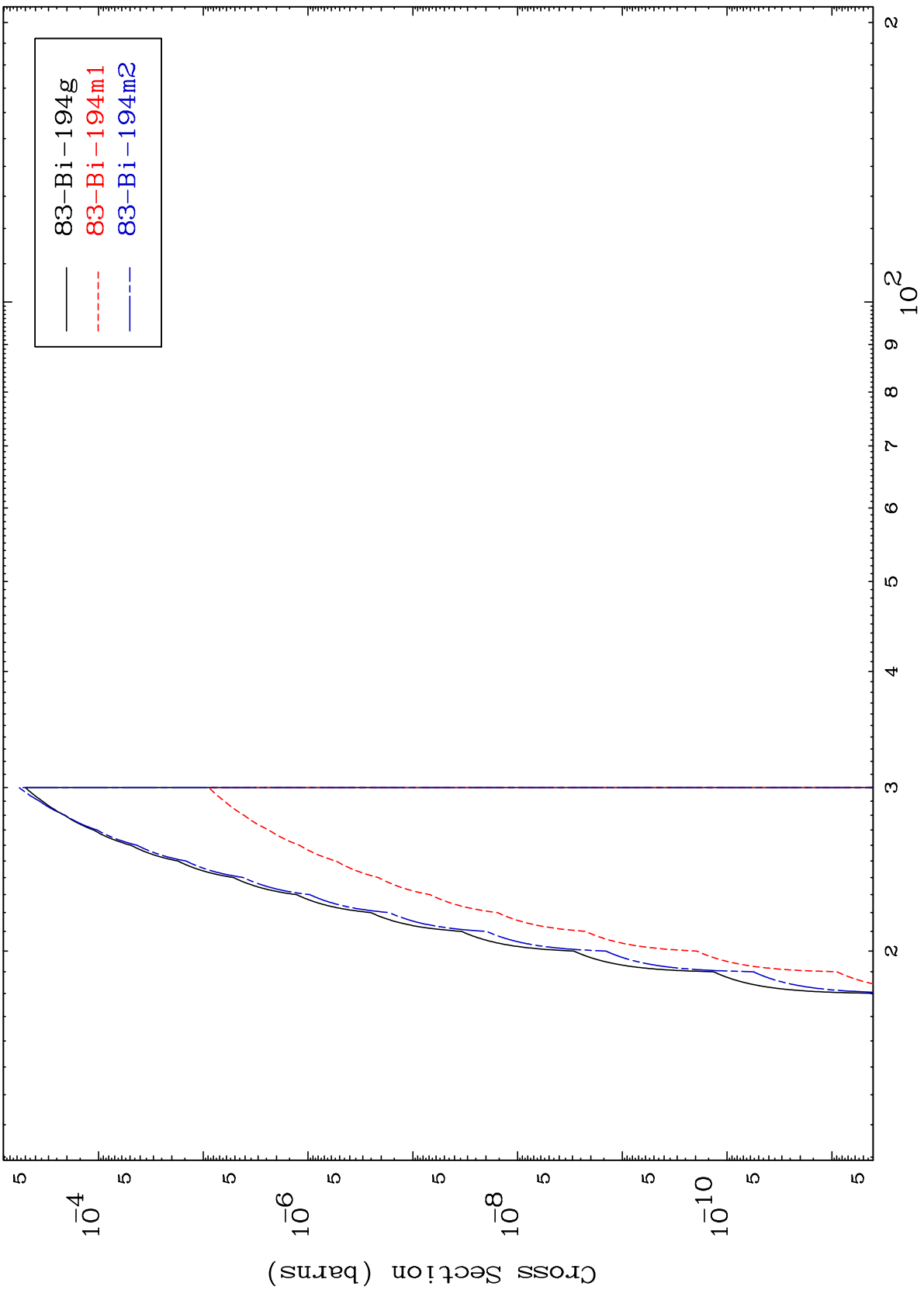


79

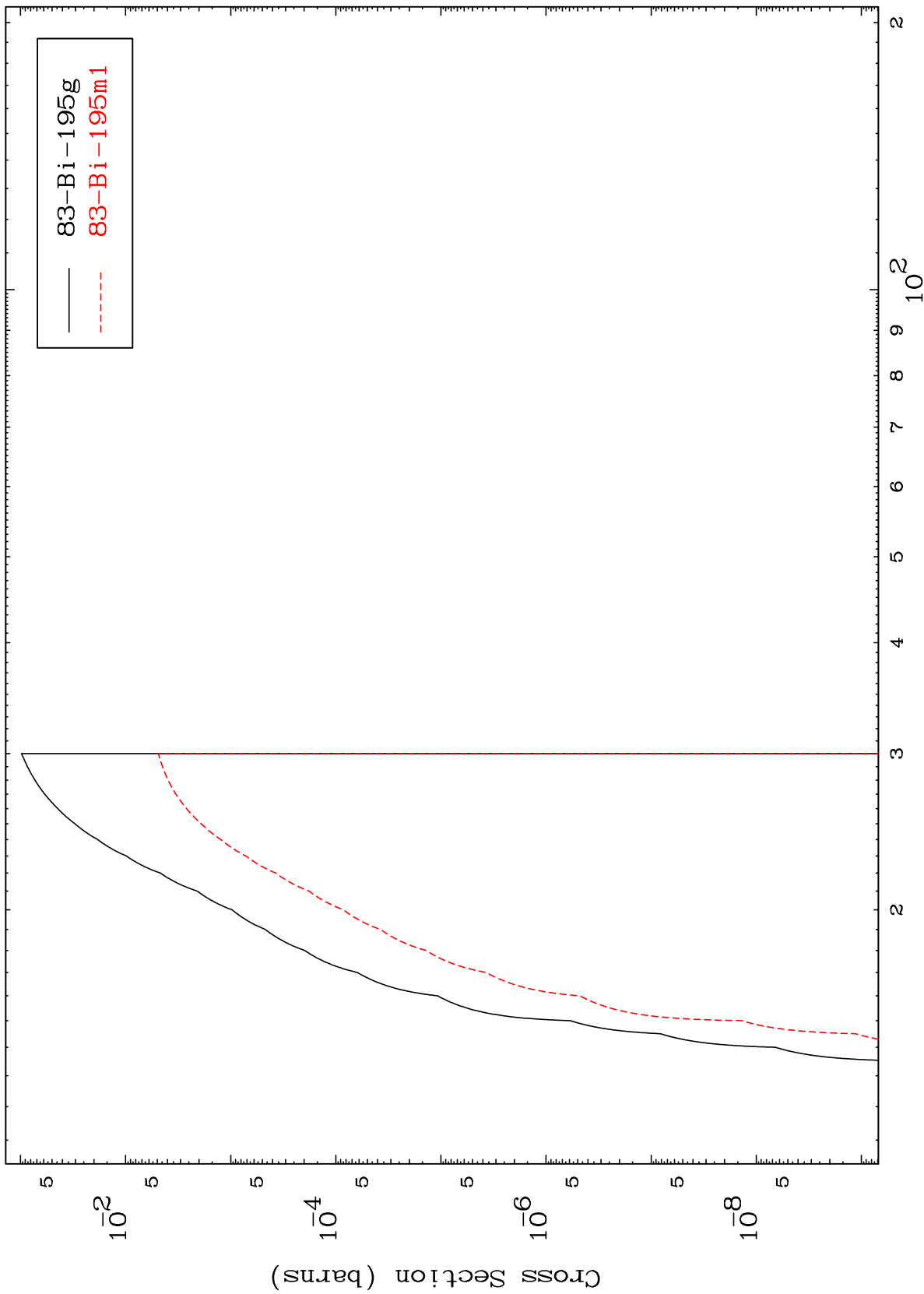
Incident Energy (MeV)

84-Po-197

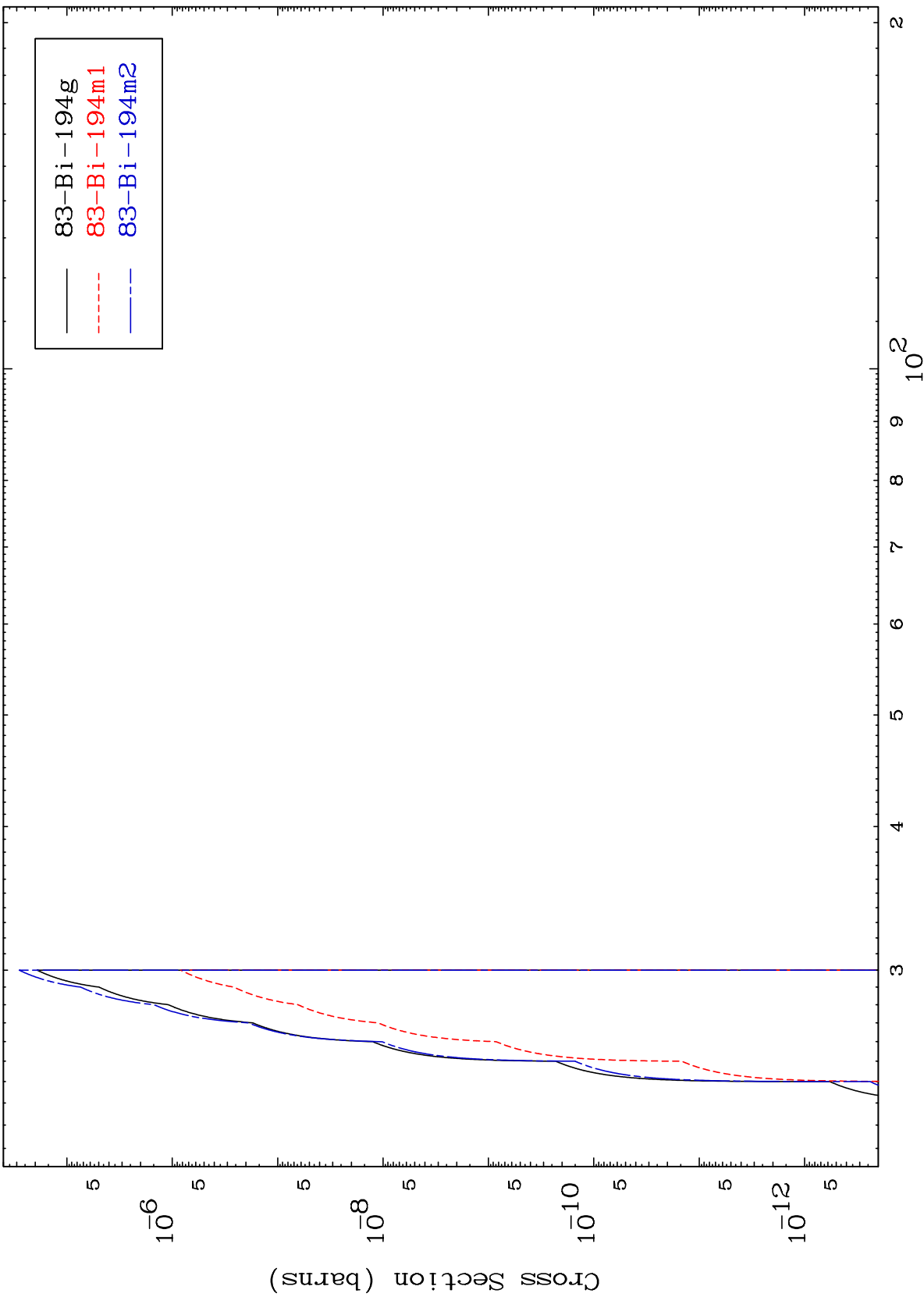
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

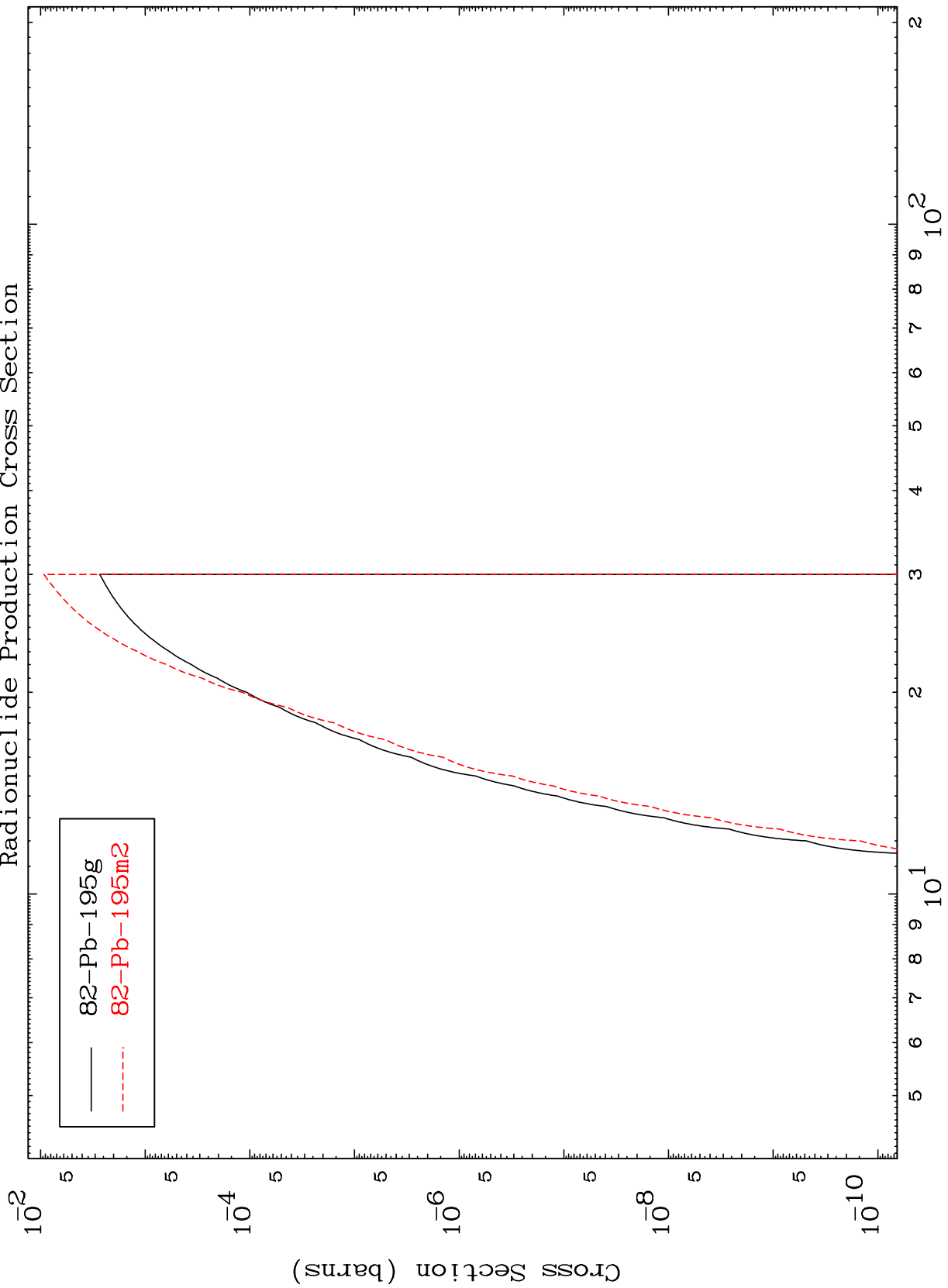


MAT 8398

(n,2n) p

84-Po-197

Radionuclide Production Cross Section



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

83

Incident Energy (MeV)

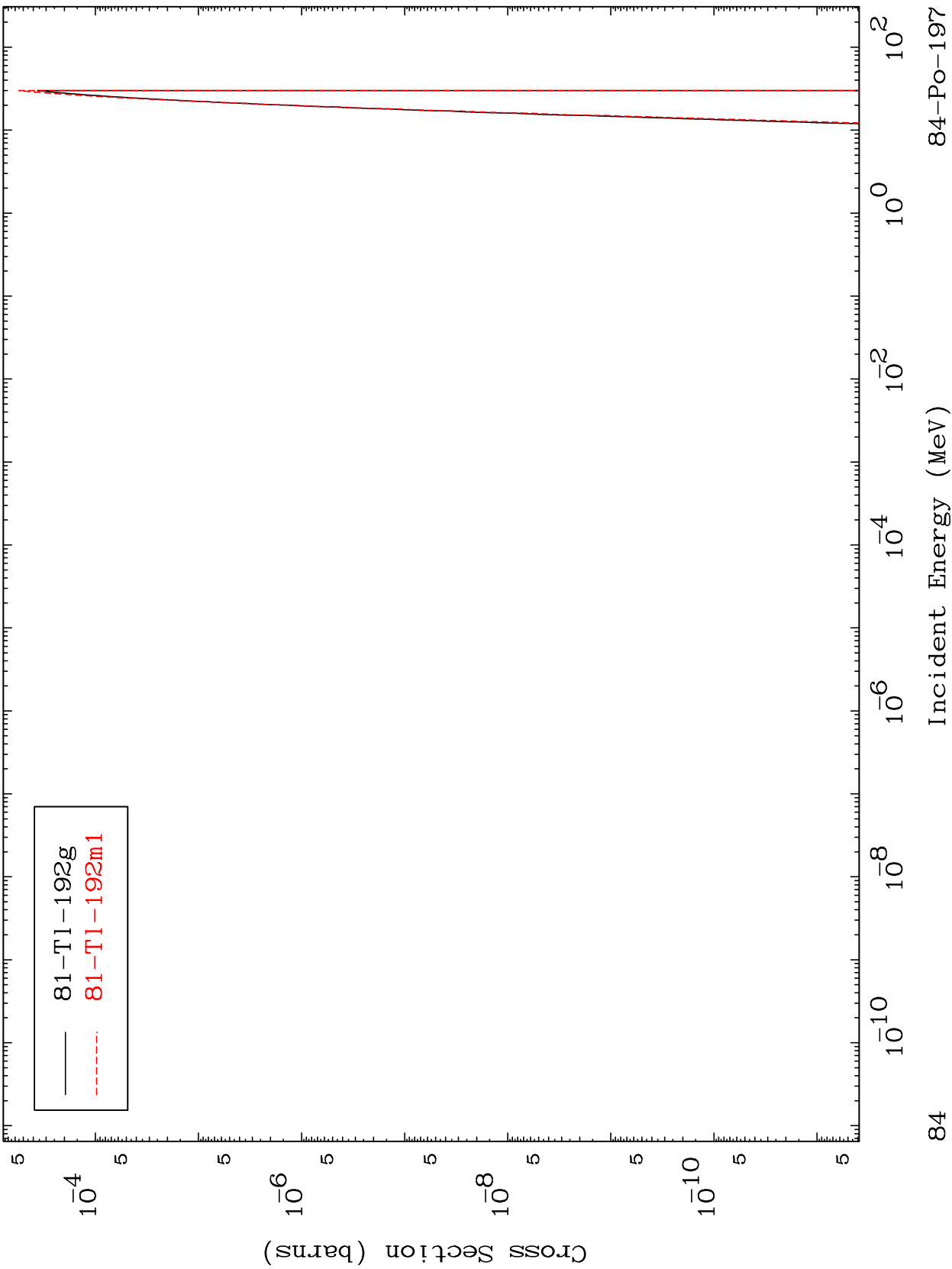
84-Po-197

MAT 8398

(n,n') p α

84-Po-197

Radionuclide Production Cross Section



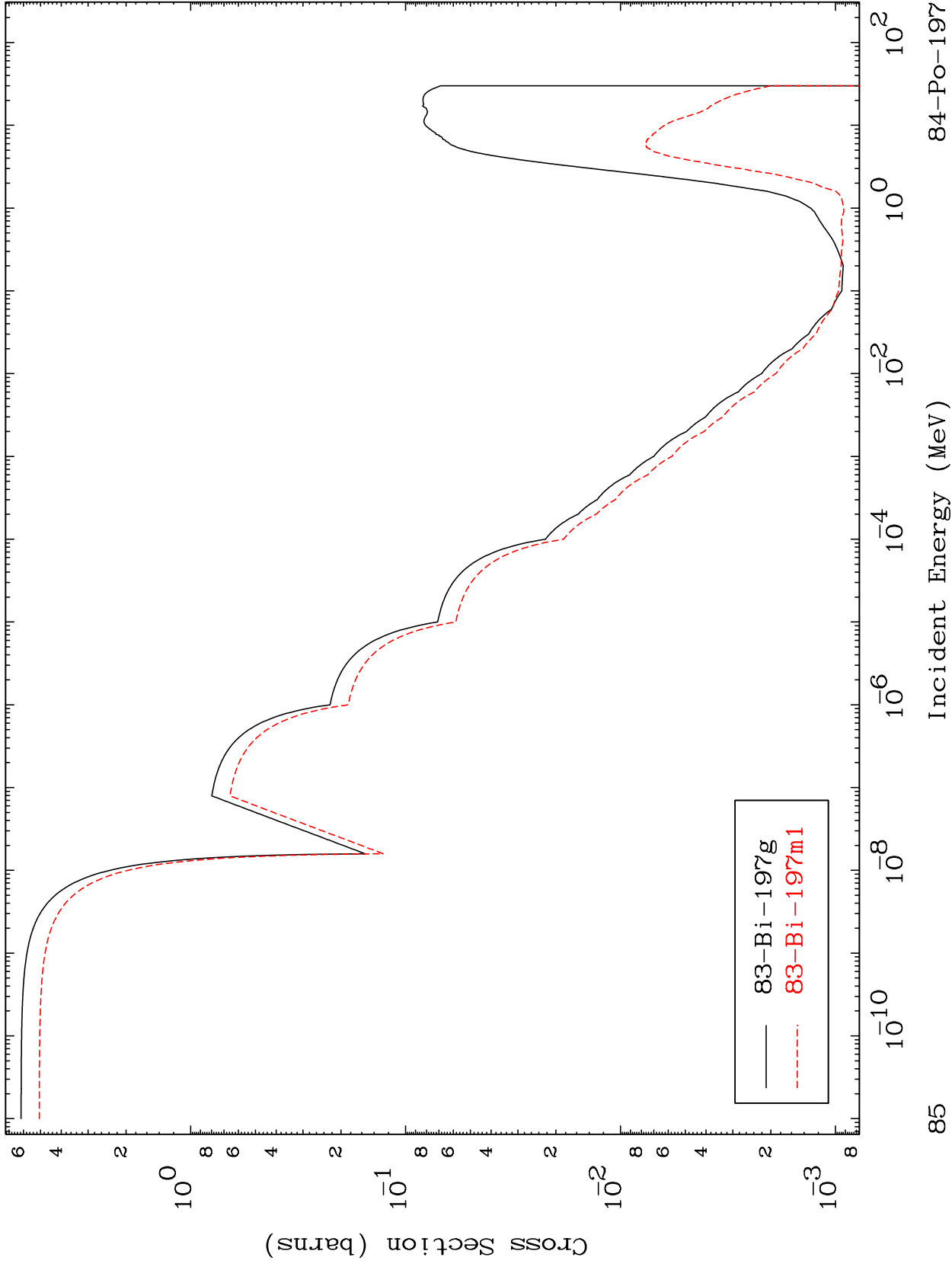
81-Tl-192g
81-Tl-192m1

84

MAT 8398

84-Po-197

(n,p)
Radionuclide Production Cross Section

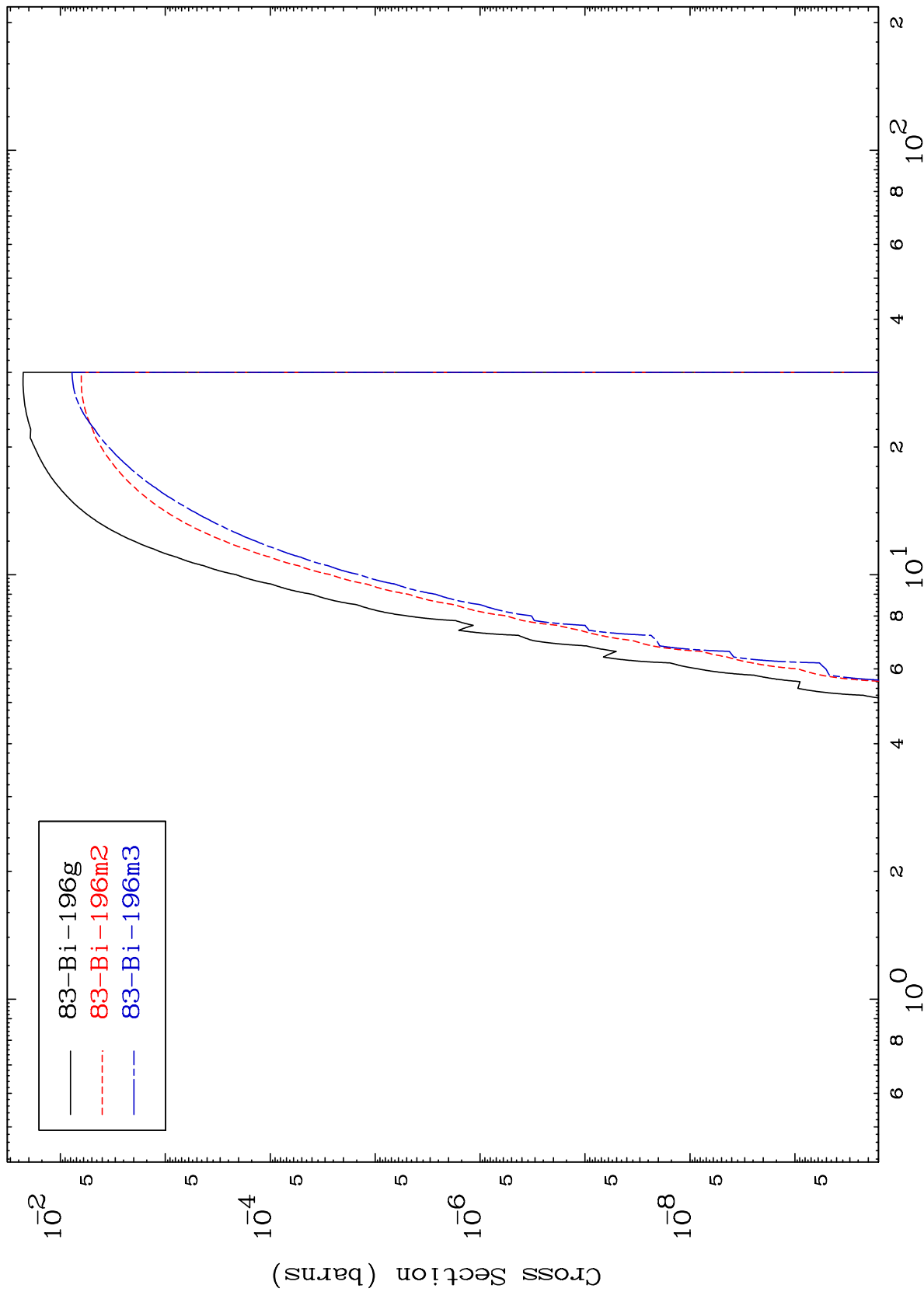


MAT 8398

(n,d)

84-Po-197

Radionuclide Production Cross Section



86

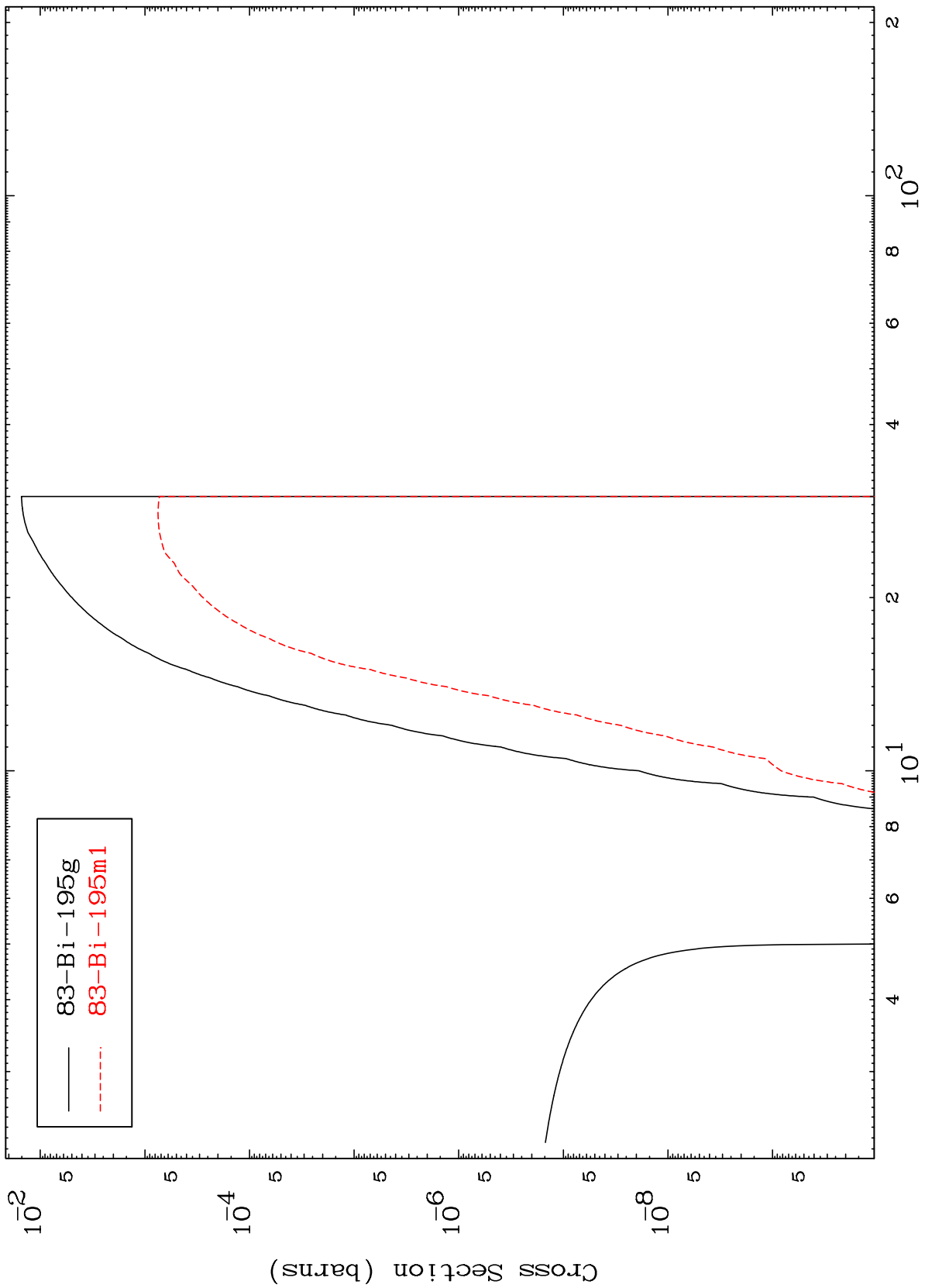
Incident Energy (MeV)

84-Po-197

MAT 8398

84-Po-197

Radionuclide Production Cross Section



87

84-Po-197

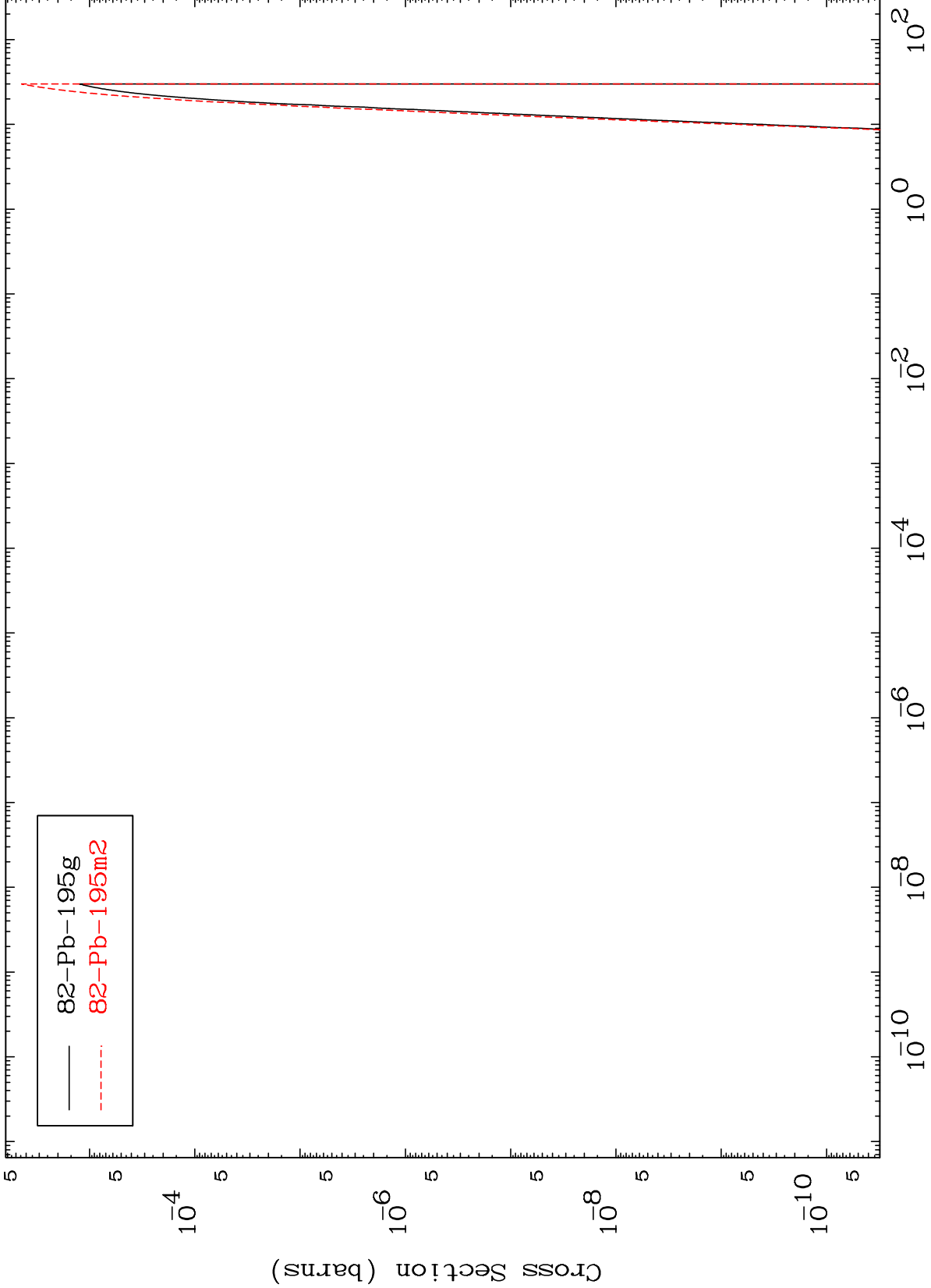
Incident Energy (MeV)

MAT 8398

(n,He-3)

84-Po-197

Radionuclide Production Cross Section



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

88

Incident Energy (MeV)

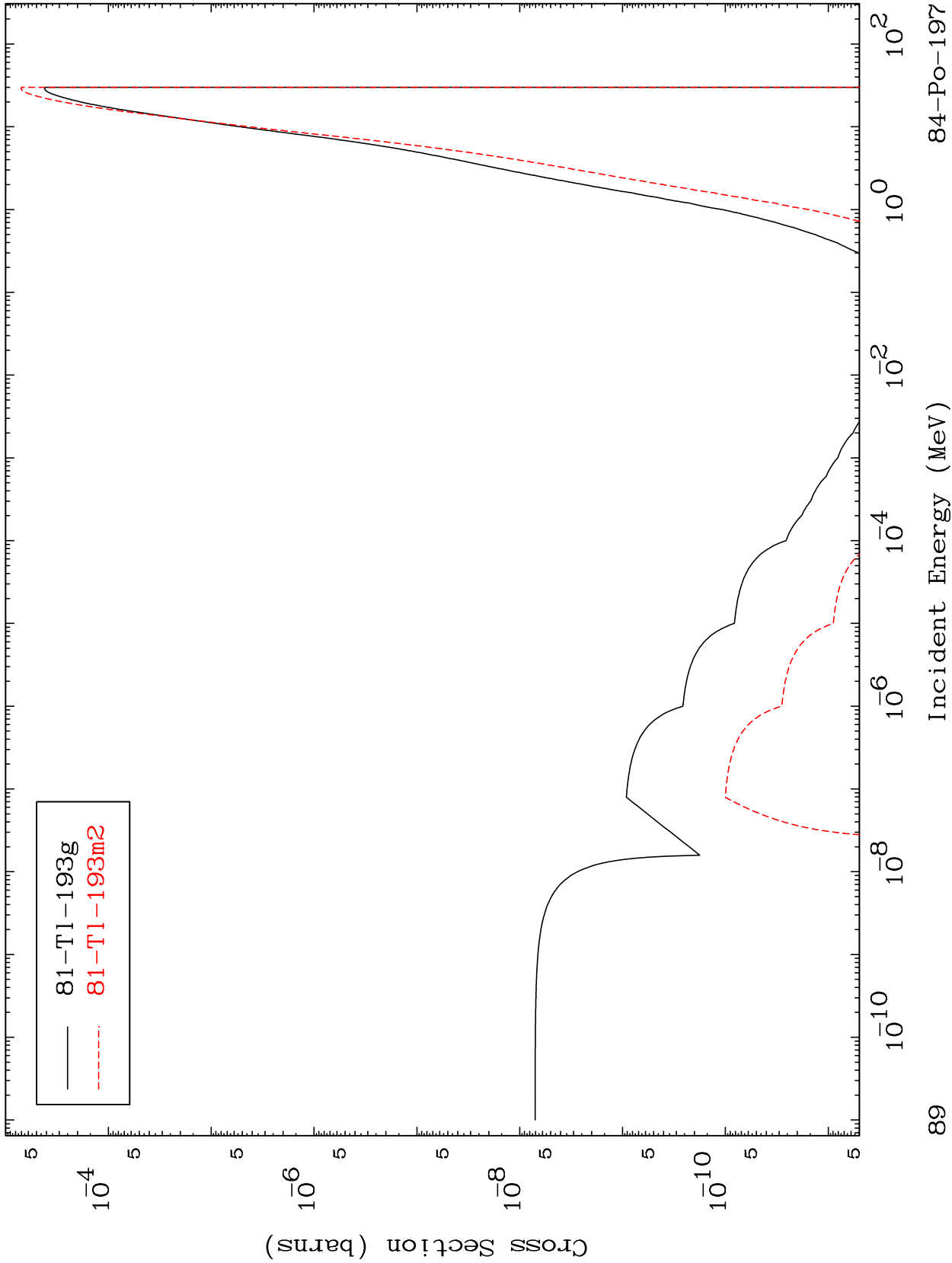
84-Po-197

MAT 8398

(n,p) α

84-Po-197

Radionuclide Production Cross Section



89

Incident Energy (MeV)

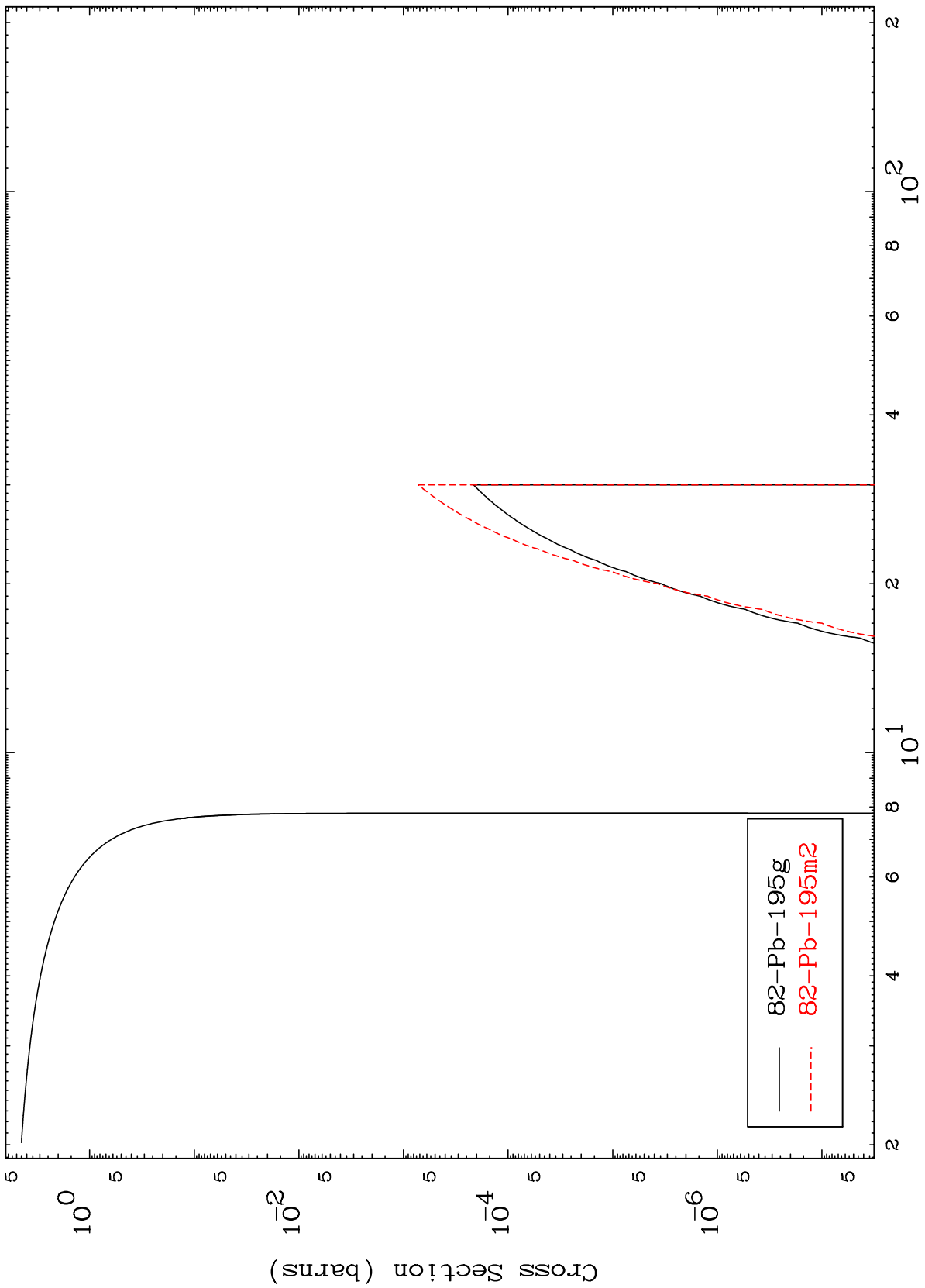
84-Po-197

MAT 8398

(n,p) d

84-Po-197

Radionuclide Production Cross Section



90

Incident Energy (MeV)

84-Po-197

MAT 8398

(n,d) α

84-Po-197

Radionuclide Production Cross Section

