

Program EVALPLOT
(Version 2018-1)

by

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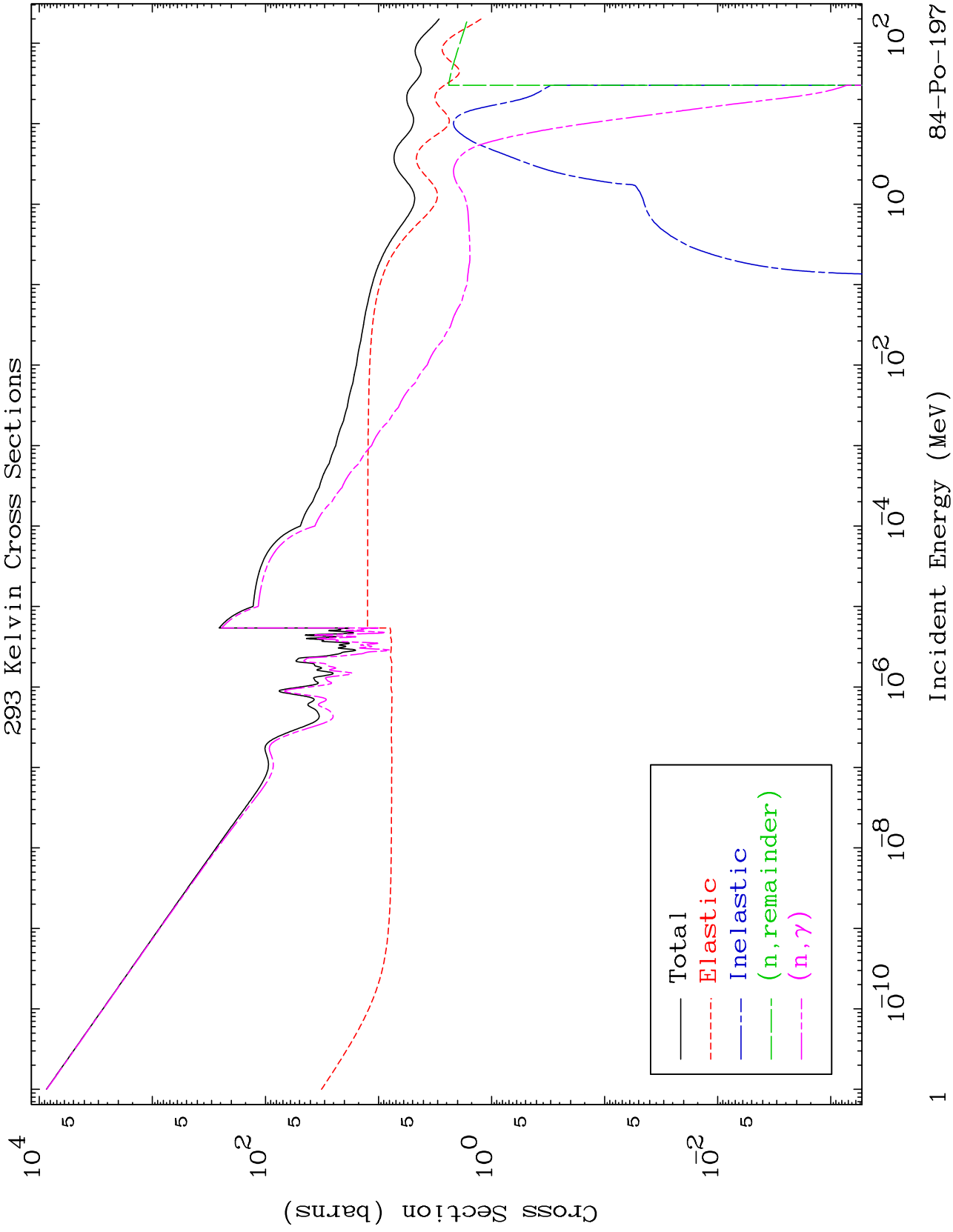
Press Mouse Button to Start

MAT 8398

Major

293 Kelvin Cross Sections

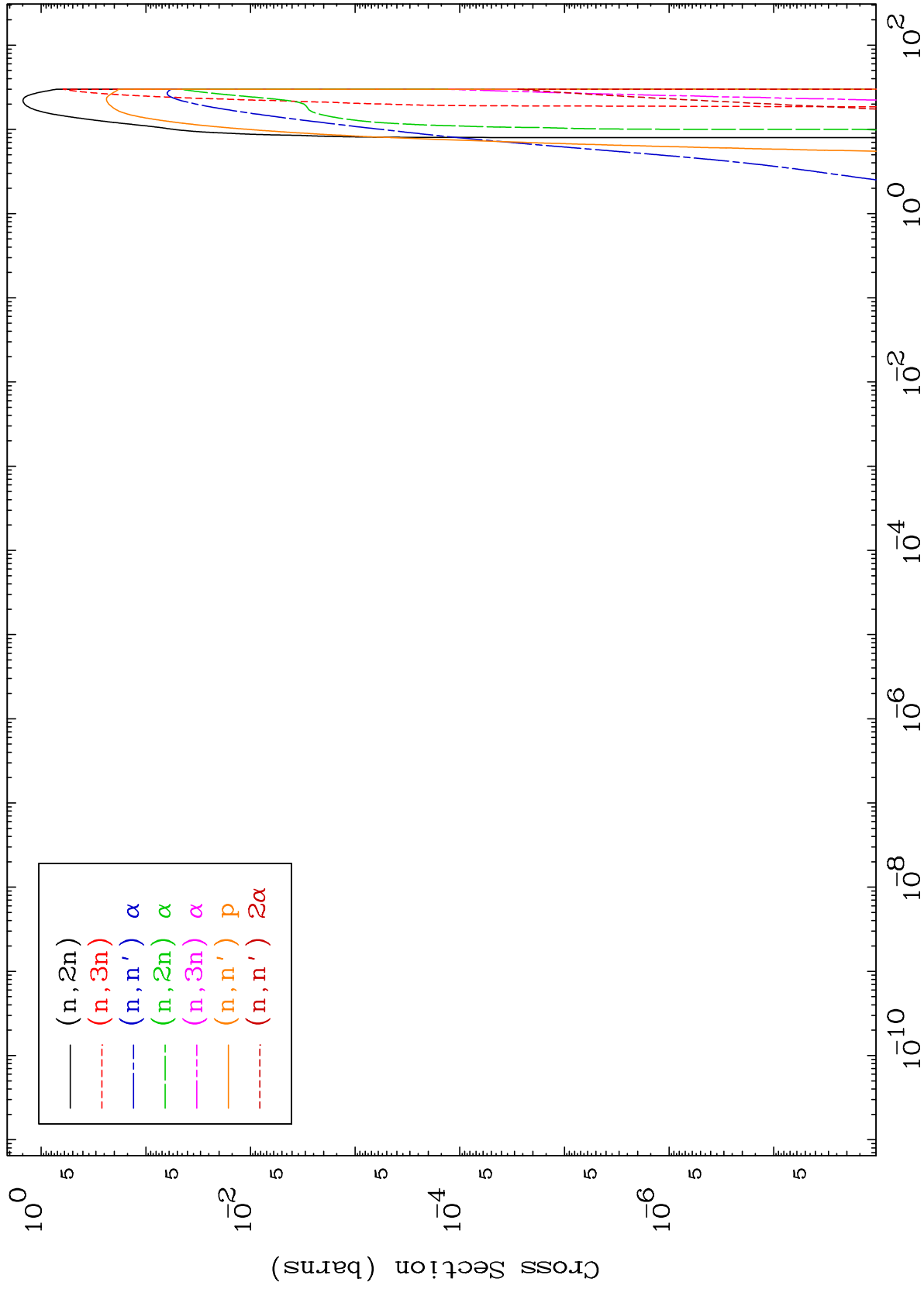
84-Po-197



MAT 8398

Neutron Production
293 Kelvin Cross Sections

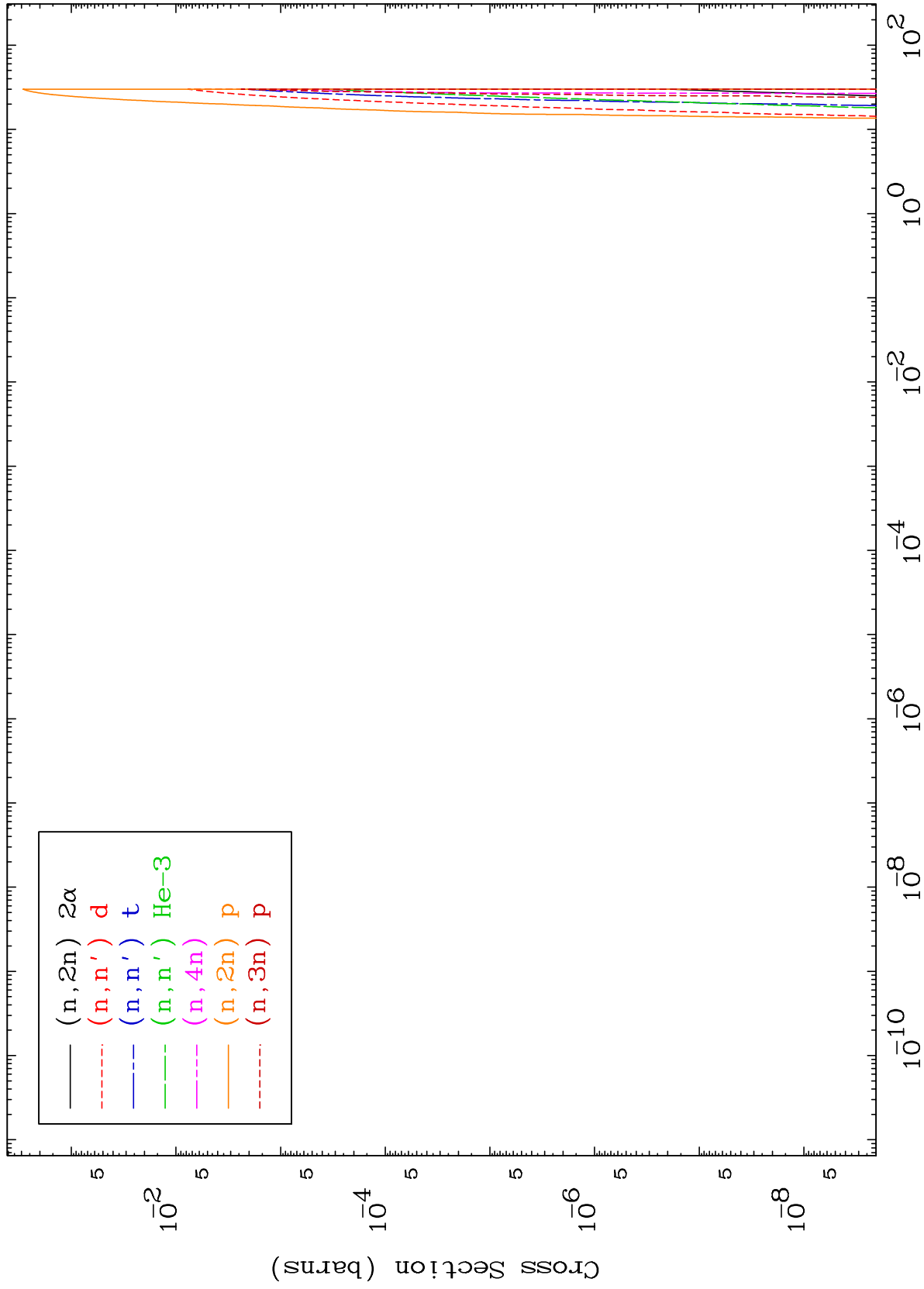
84-Po-197



MAT 8398

Neutron Production
293 Kelvin Cross Sections

84-Po-197

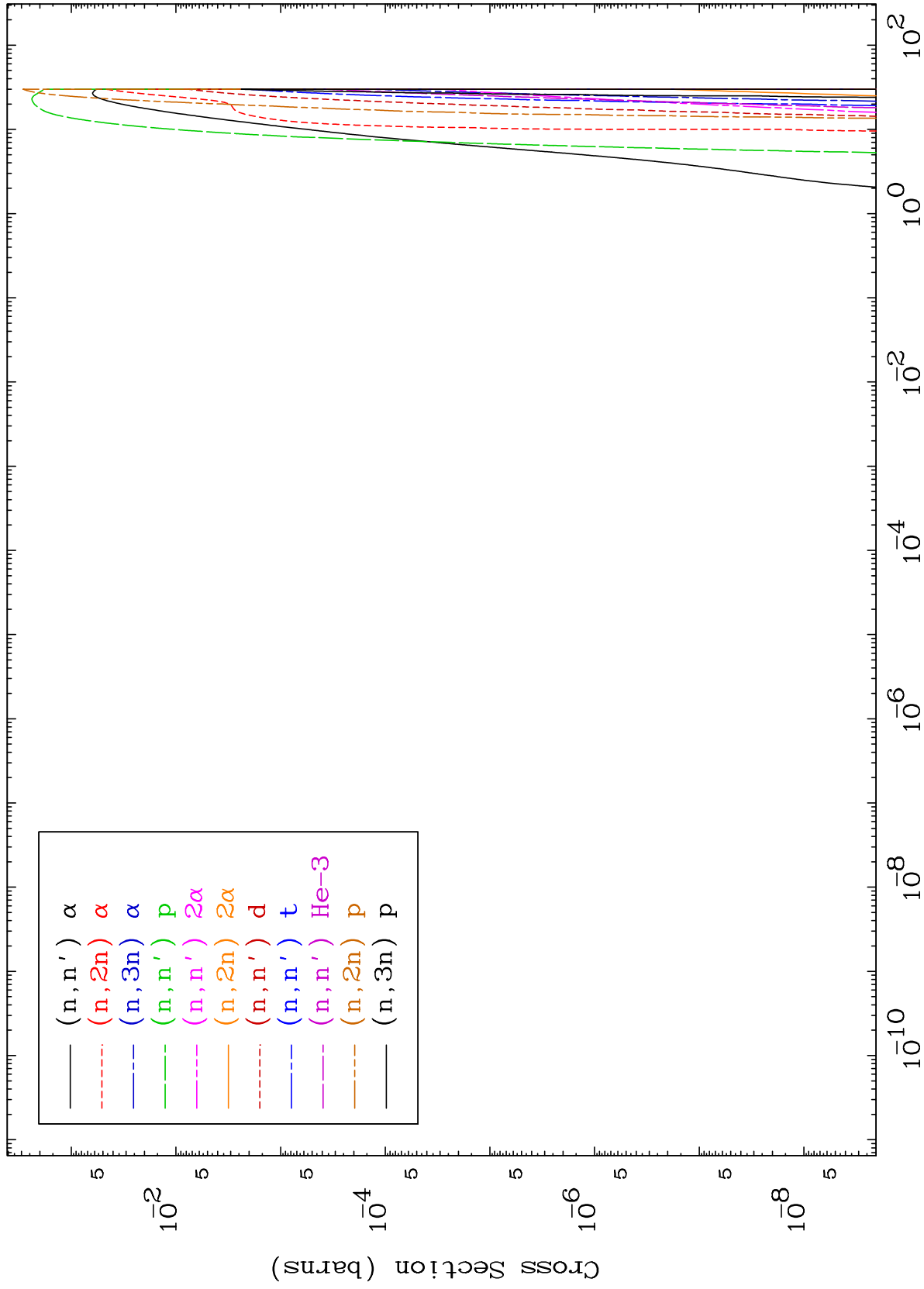


84-Po-197

MAT 8398

Charged Particle
293 Kelvin Cross Sections

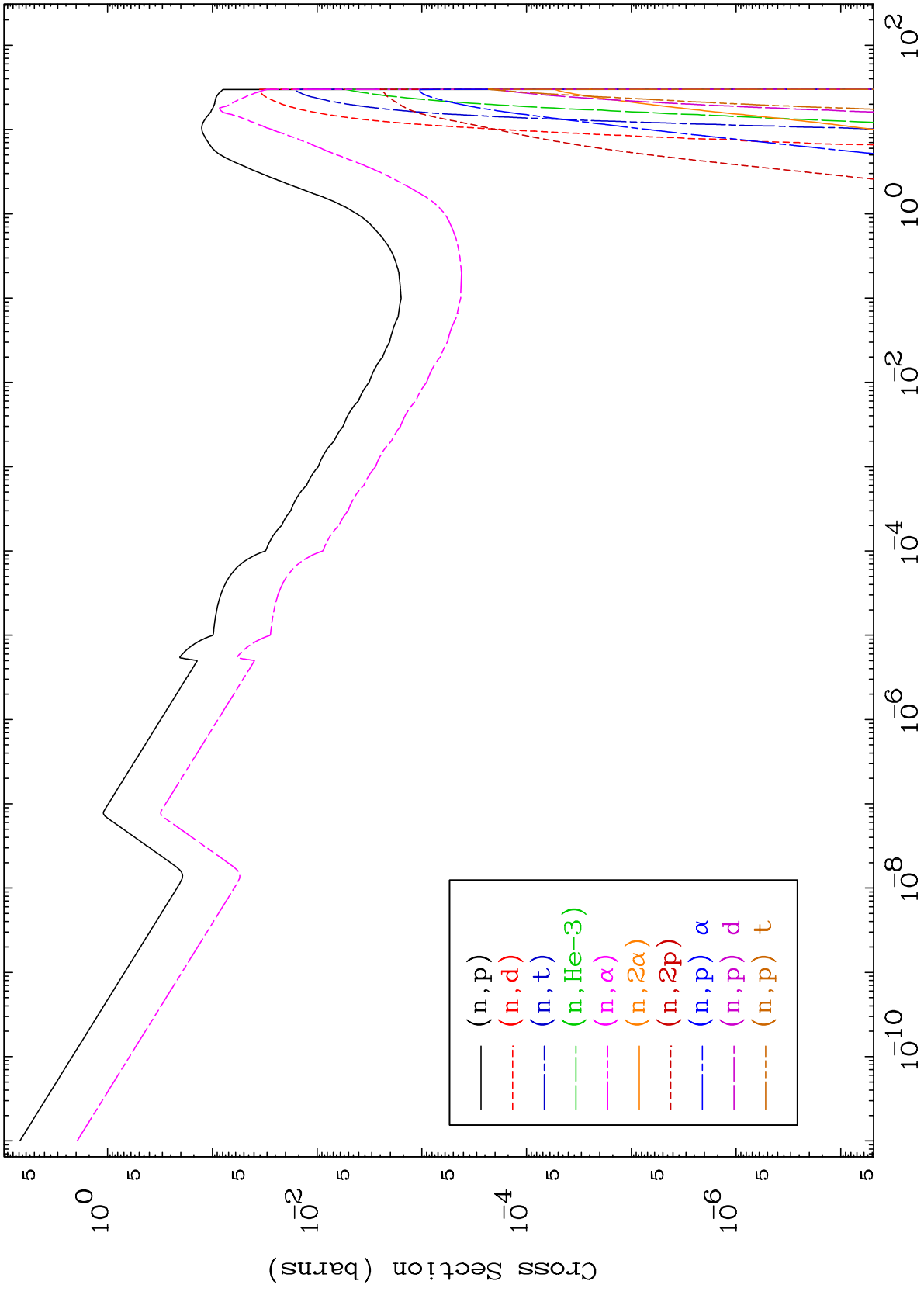
84-Po-197



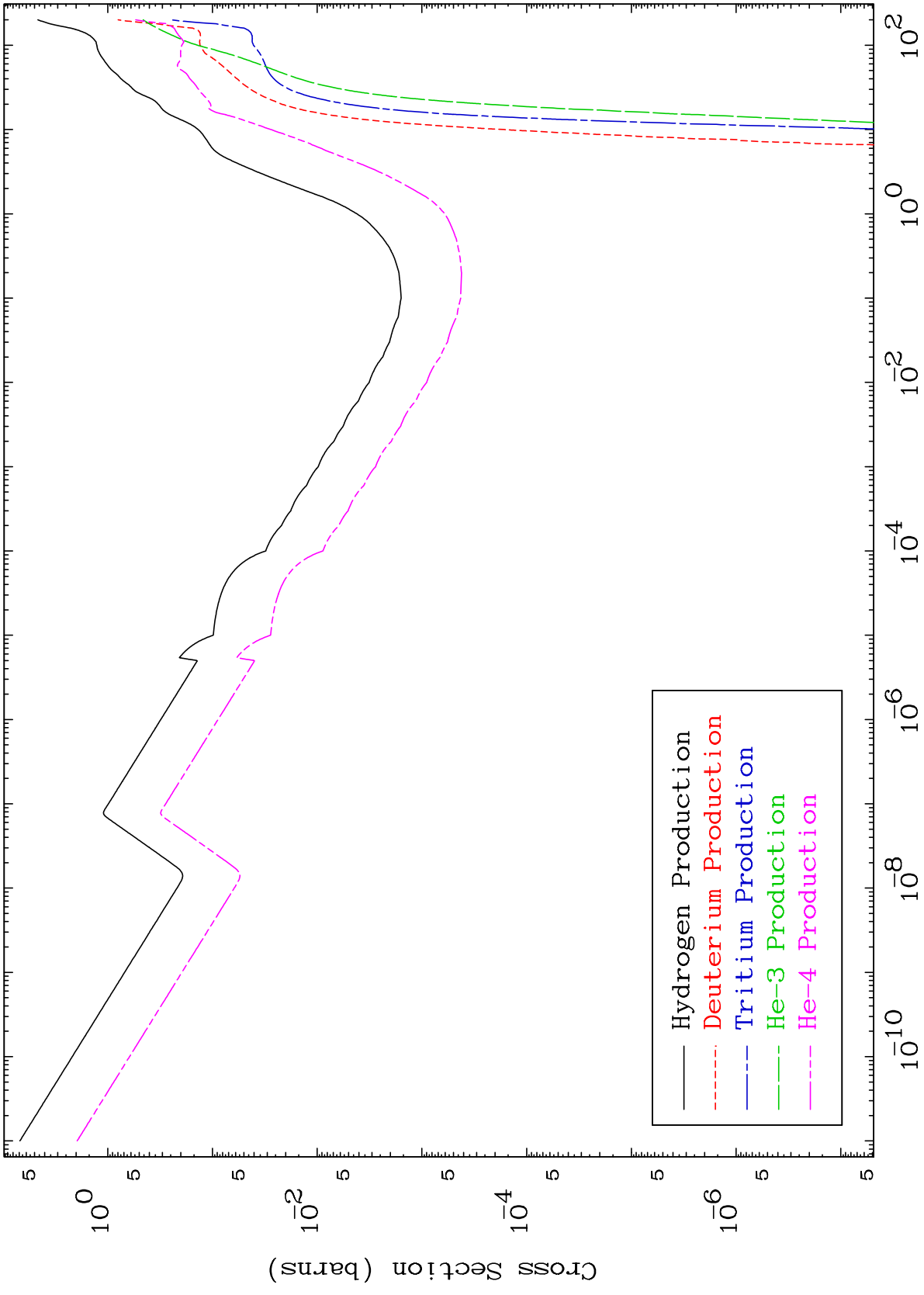
MAT 8398

Charged Particle
293 Kelvin Cross Sections

84-Po-197



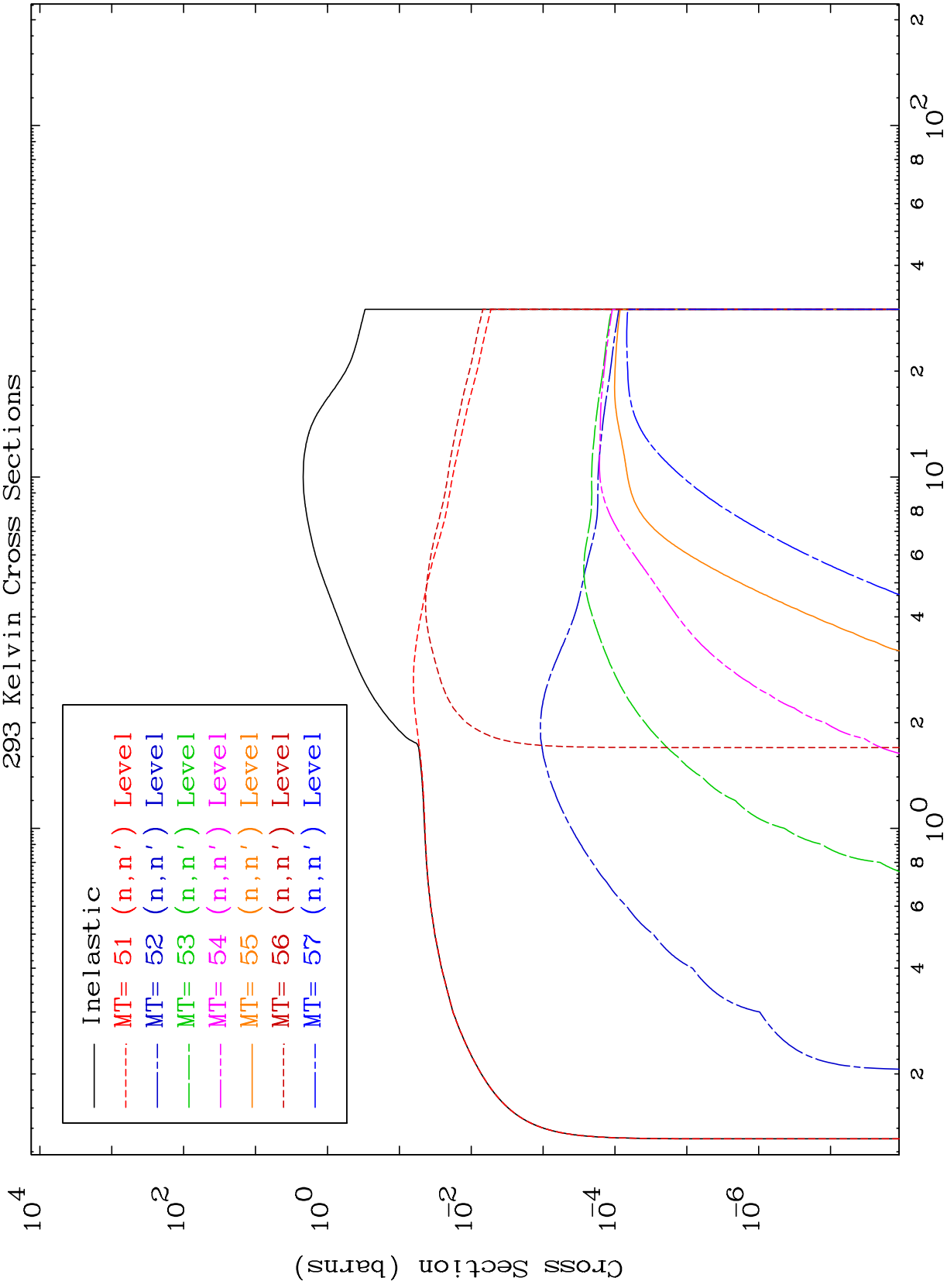
84-Po-197



MAT 8398

(n,n') Level
293 Kelvin Cross Sections

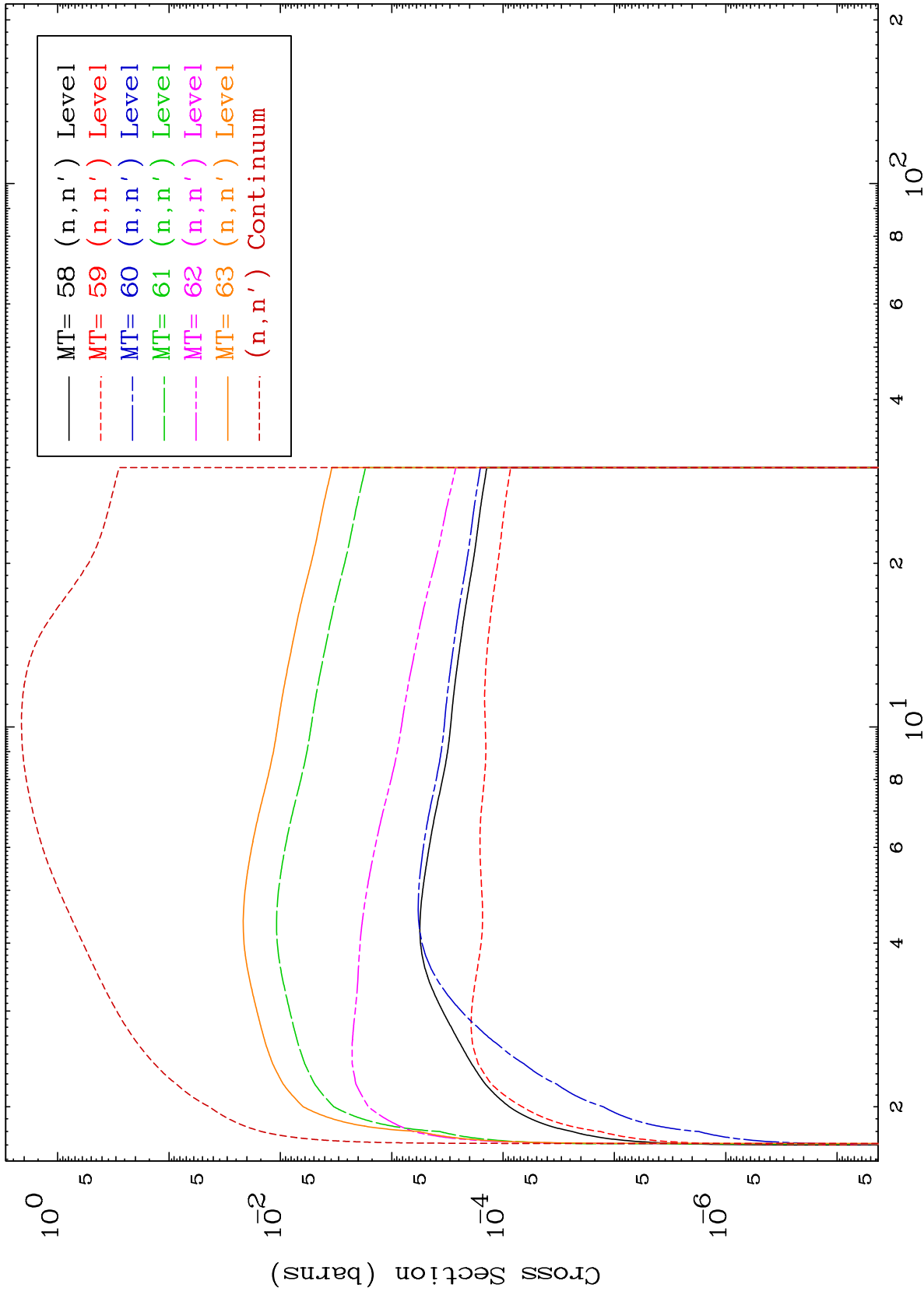
84-Po-197



MAT 8398

(n,n') Level
293 Kelvin Cross Sections

84-Po-197



8

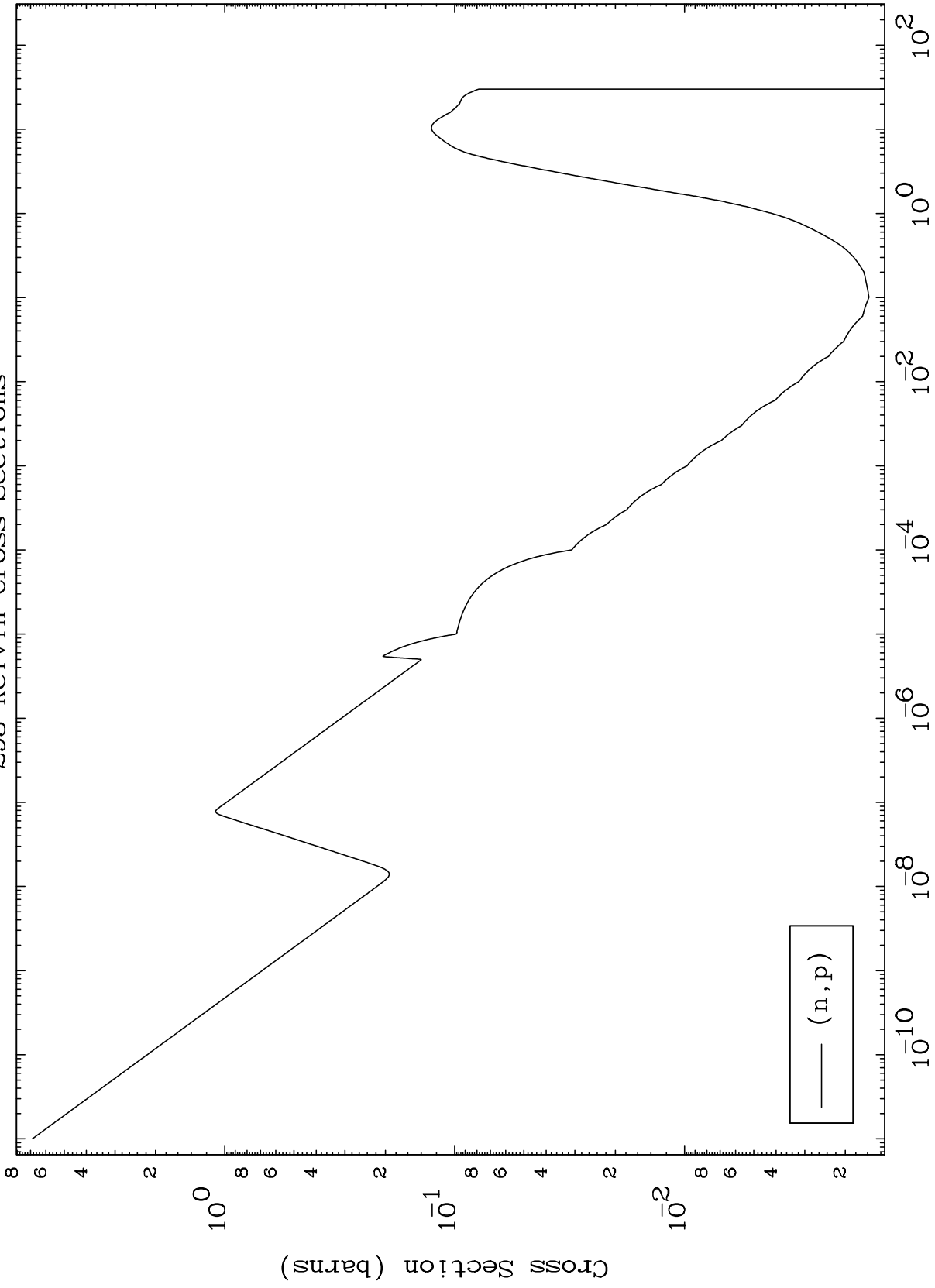
Incident Energy (MeV)

84-Po-197

MAT 8398

(n,p) Levels
293 Kelvin Cross Sections

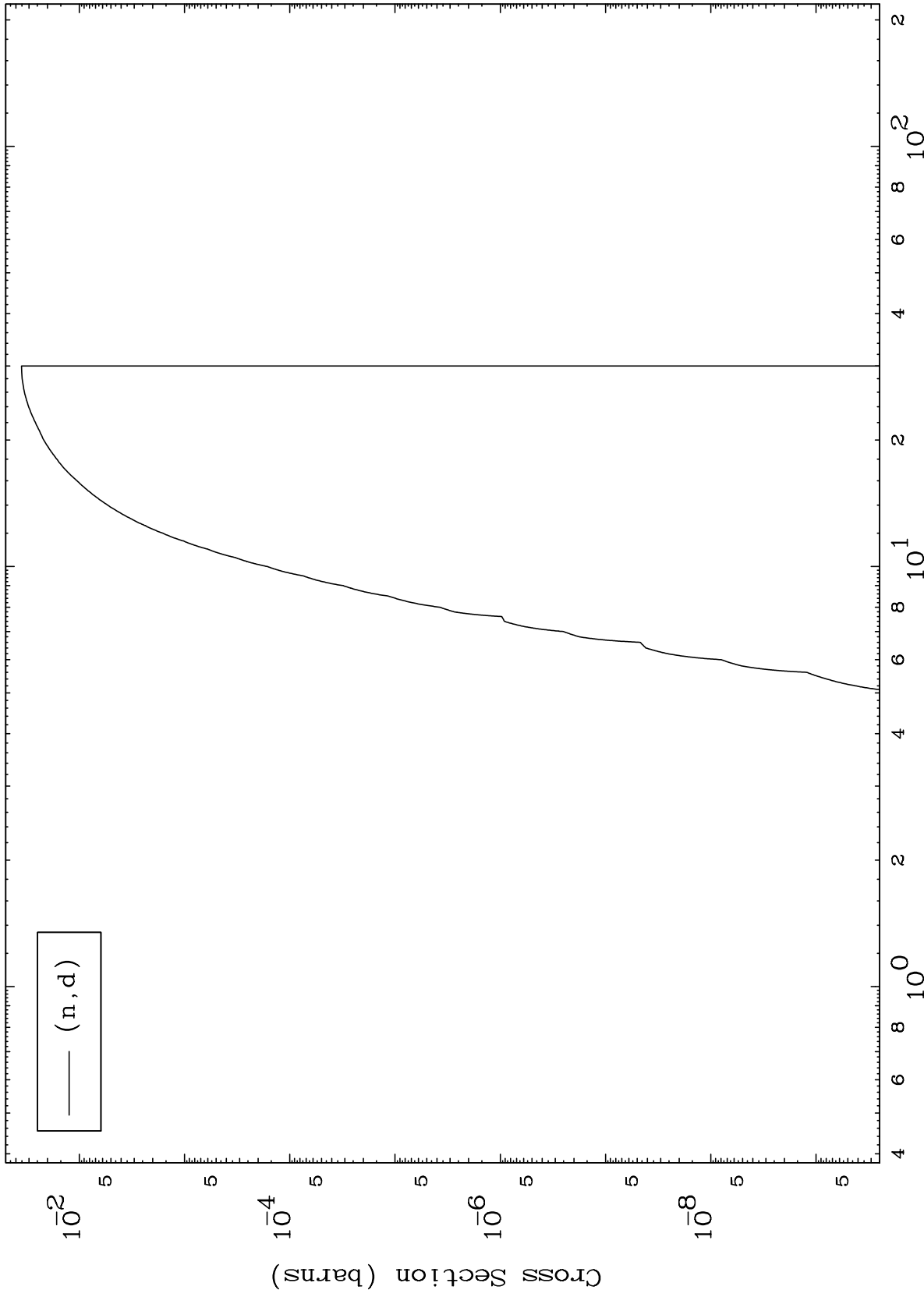
84-Po-197



MAT 8398

(n,d) Levels
293 Kelvin Cross Sections

84-Po-197



10

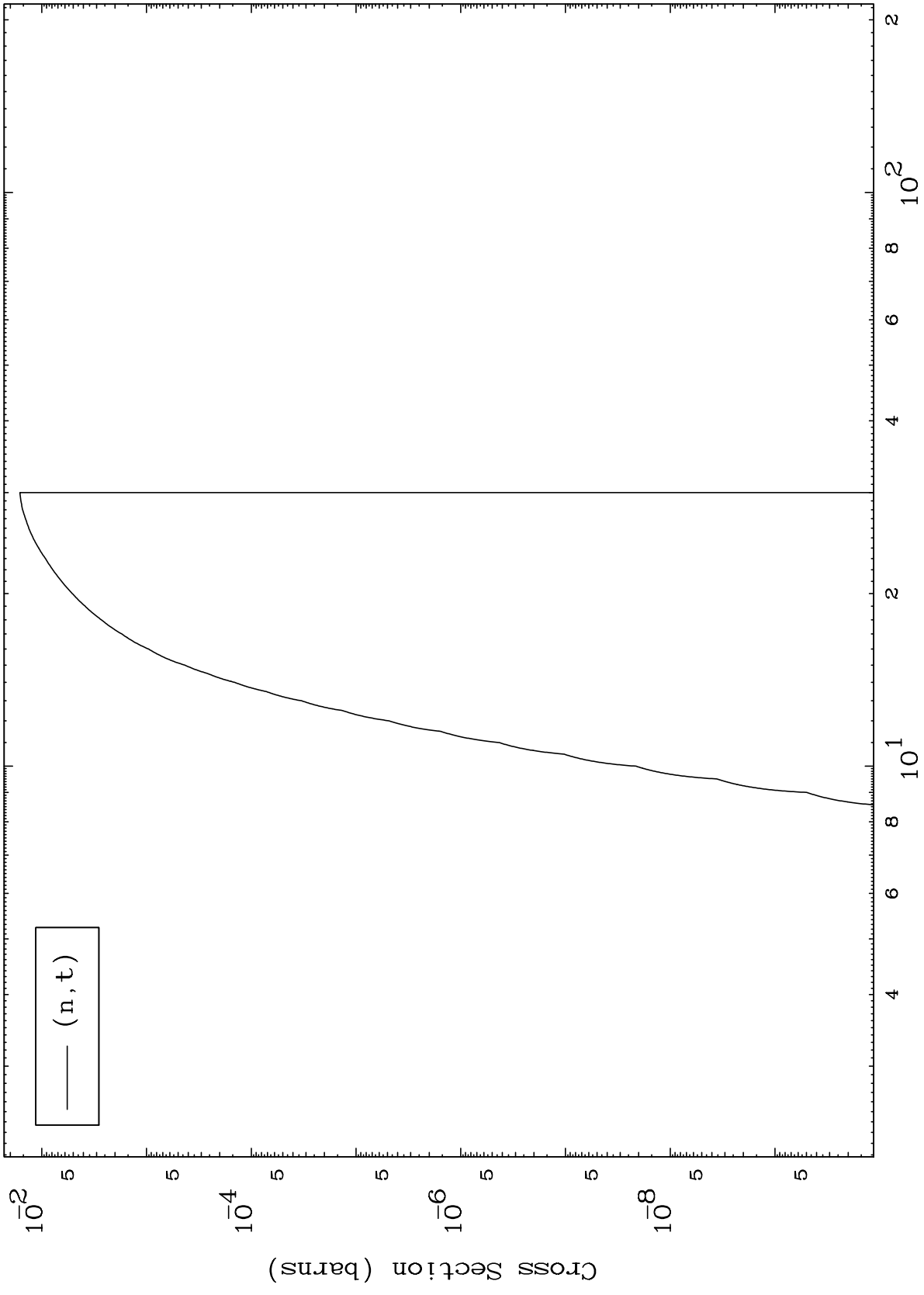
Incident Energy (MeV)

84-Po-197

MAT 8398

(n,t) Levels
293 Kelvin Cross Sections

84-Po-197



11

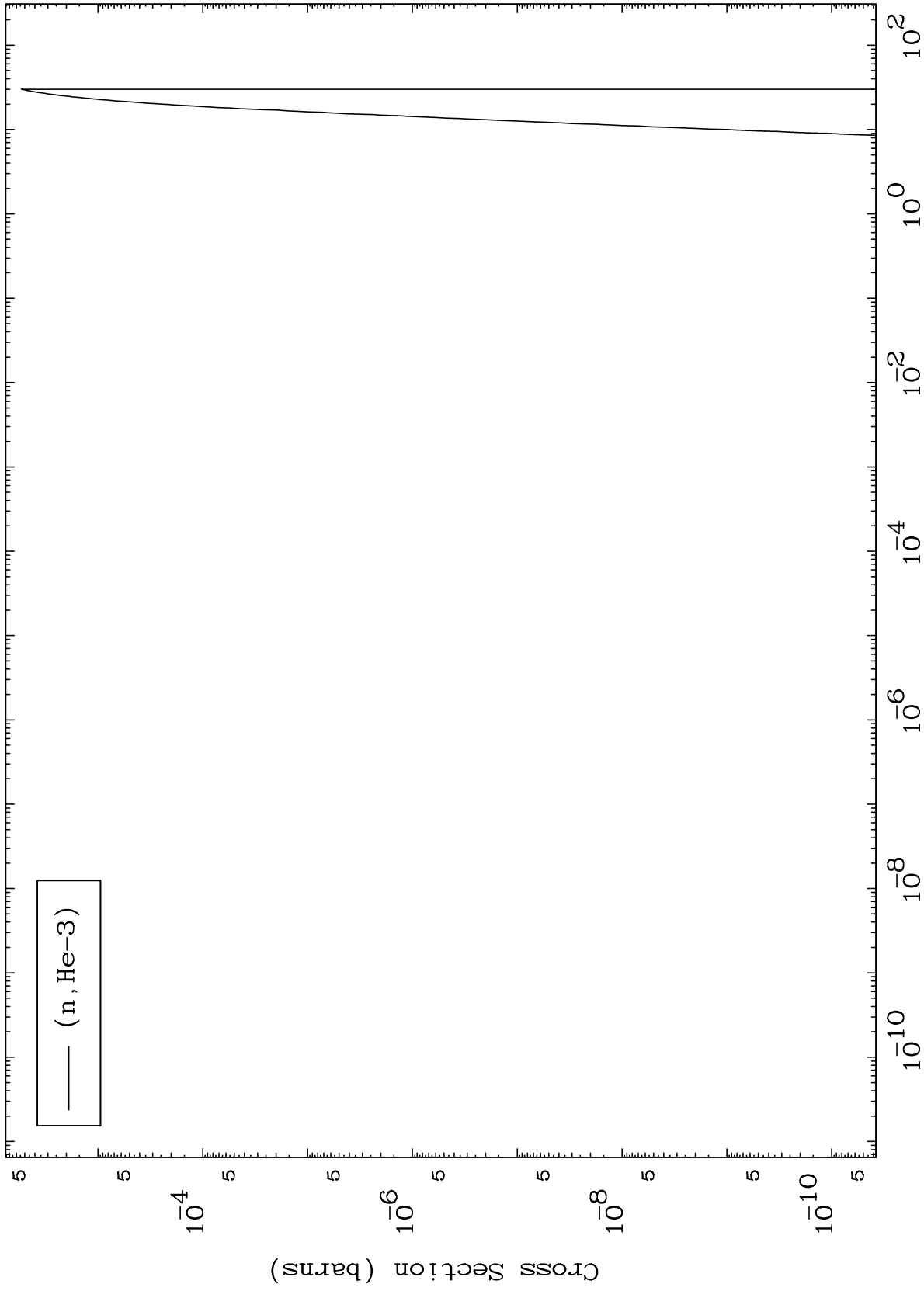
Incident Energy (MeV)

84-Po-197

MAT 8398

(n,He3) Levels
293 Kelvin Cross Sections

84-Po-197



12

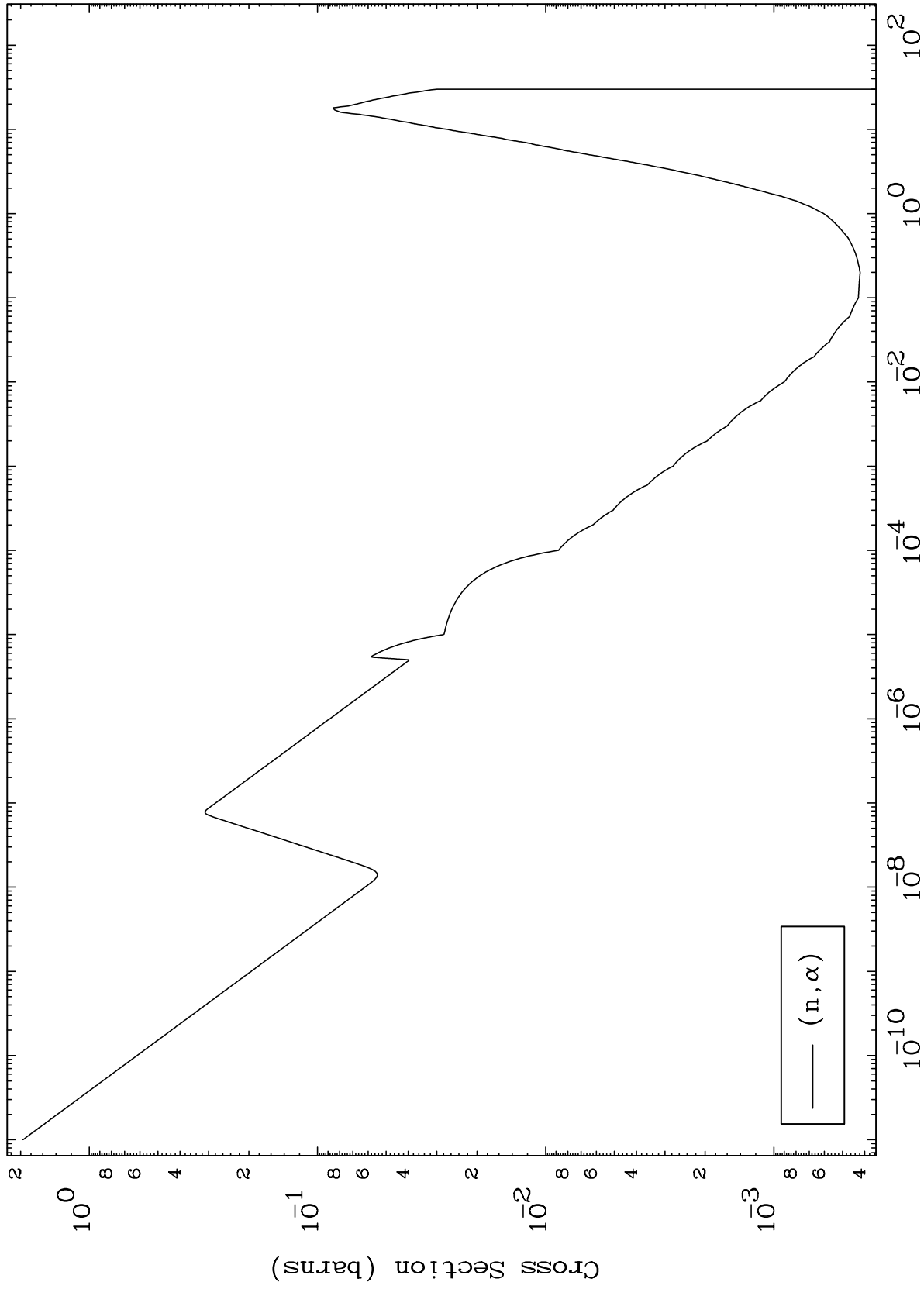
Incident Energy (MeV)

84-Po-197

MAT 8398

(n,α) Levels
293 Kelvin Cross Sections

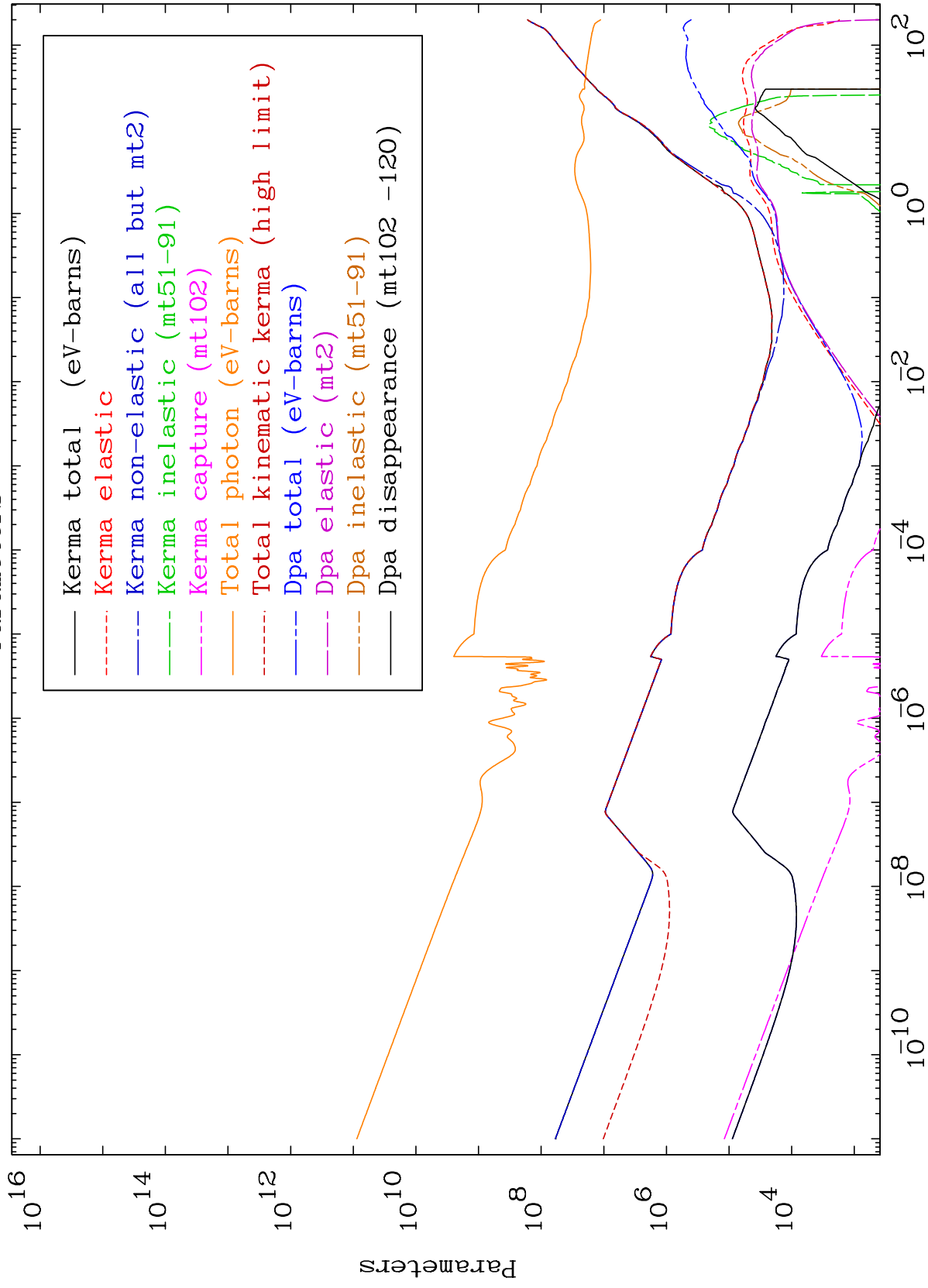
84-Po-197



13

Incident Energy (MeV)

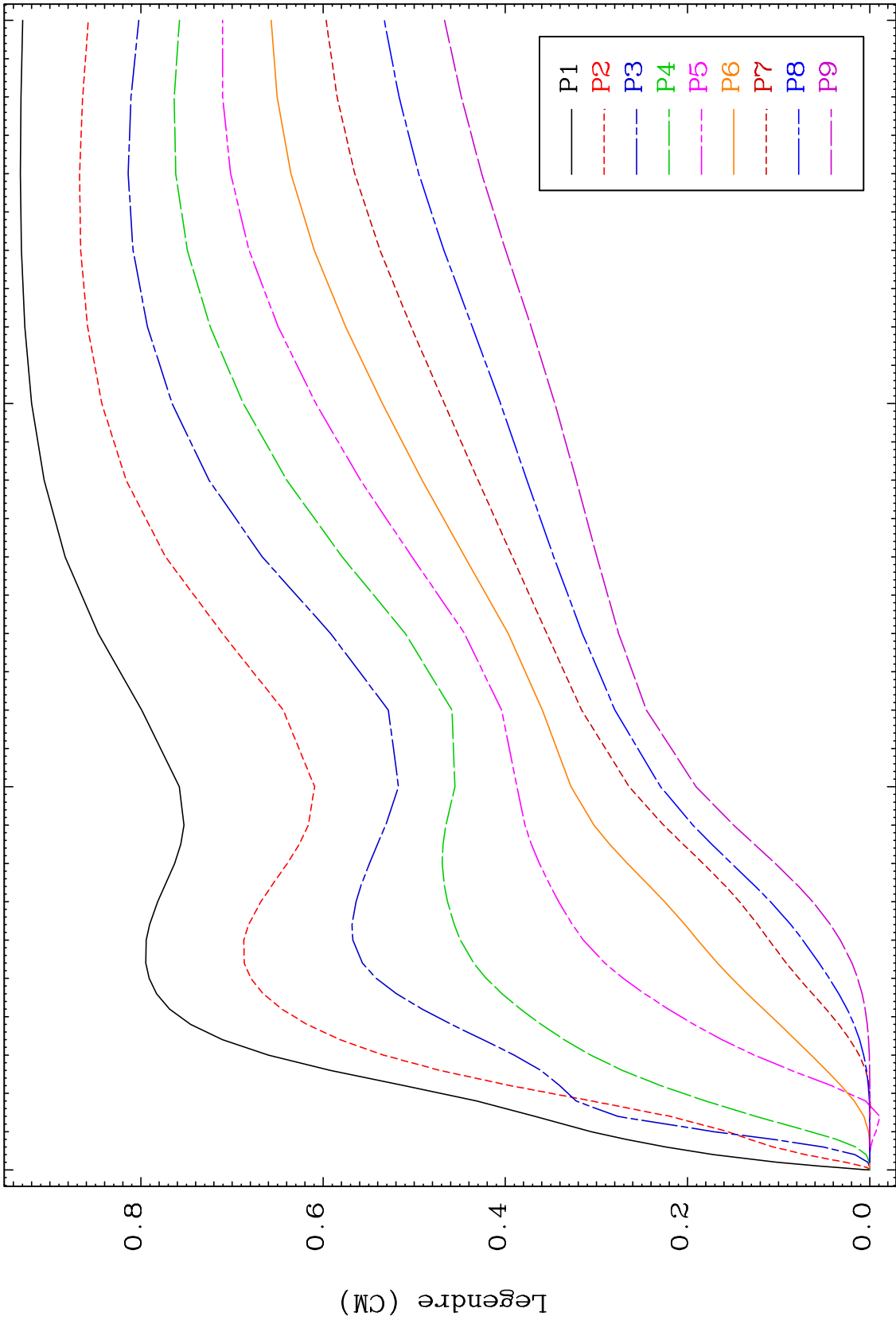
84-Po-197



MAT 8398

Elastic Legendre Coefficients

84-Po-197



0

15

10

20

30

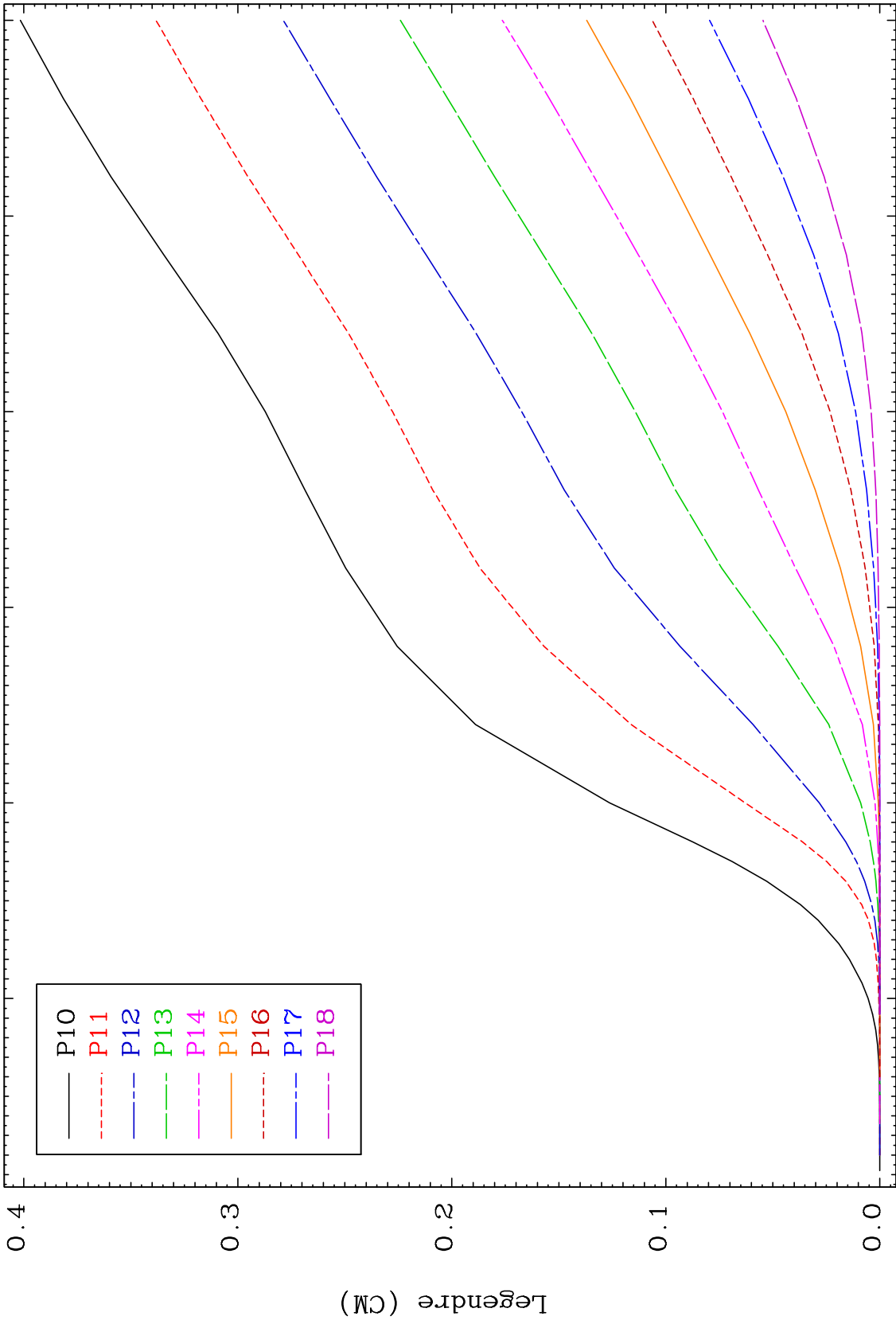
Incident Energy (MeV)

84-Po-197

MAT 8398

Elastic Legendre Coefficients

84-Po-197



16

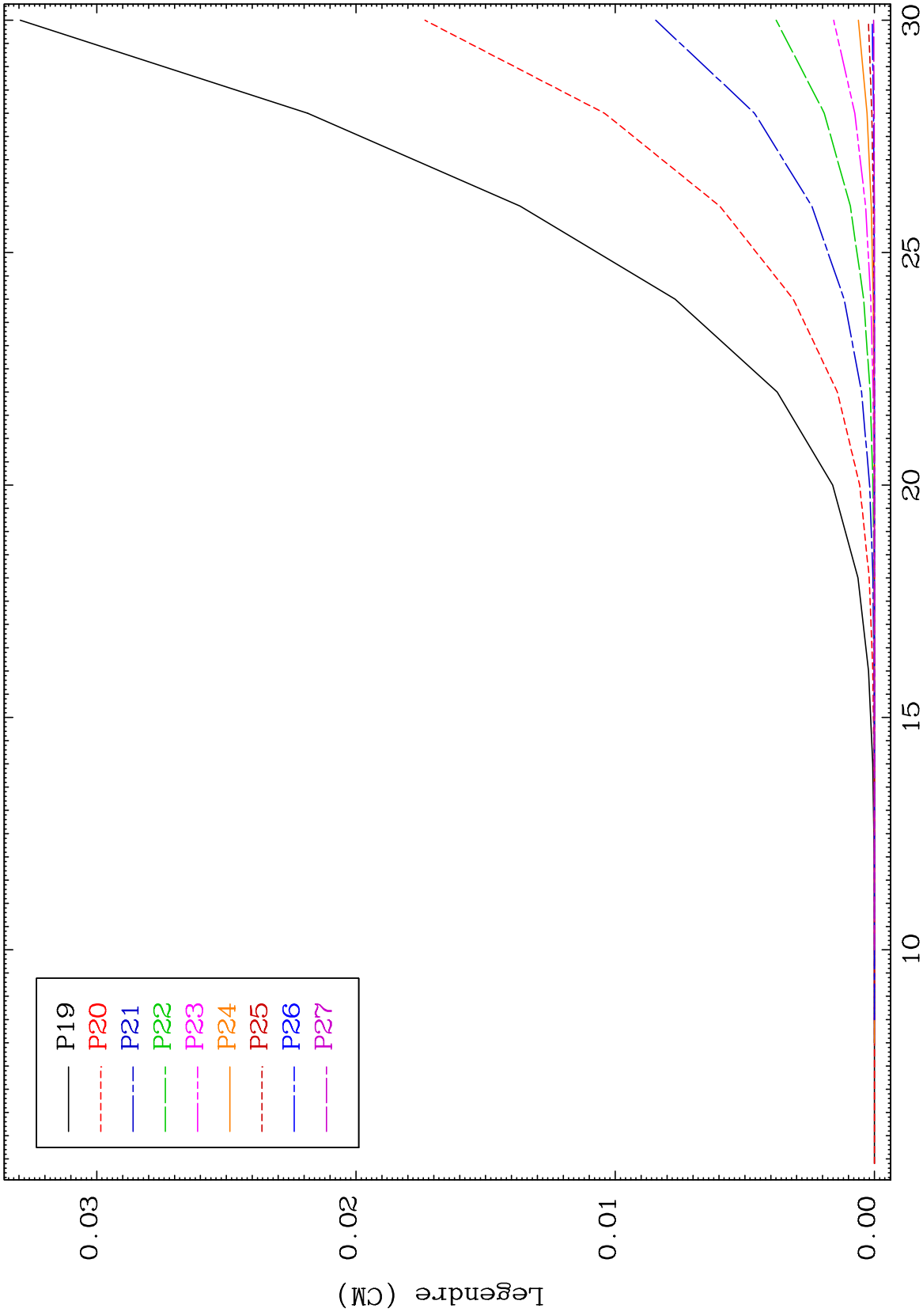
Incident Energy (MeV)

84-Po-197

MAT 8398

Elastic Legendre Coefficients

84-Po-197



17

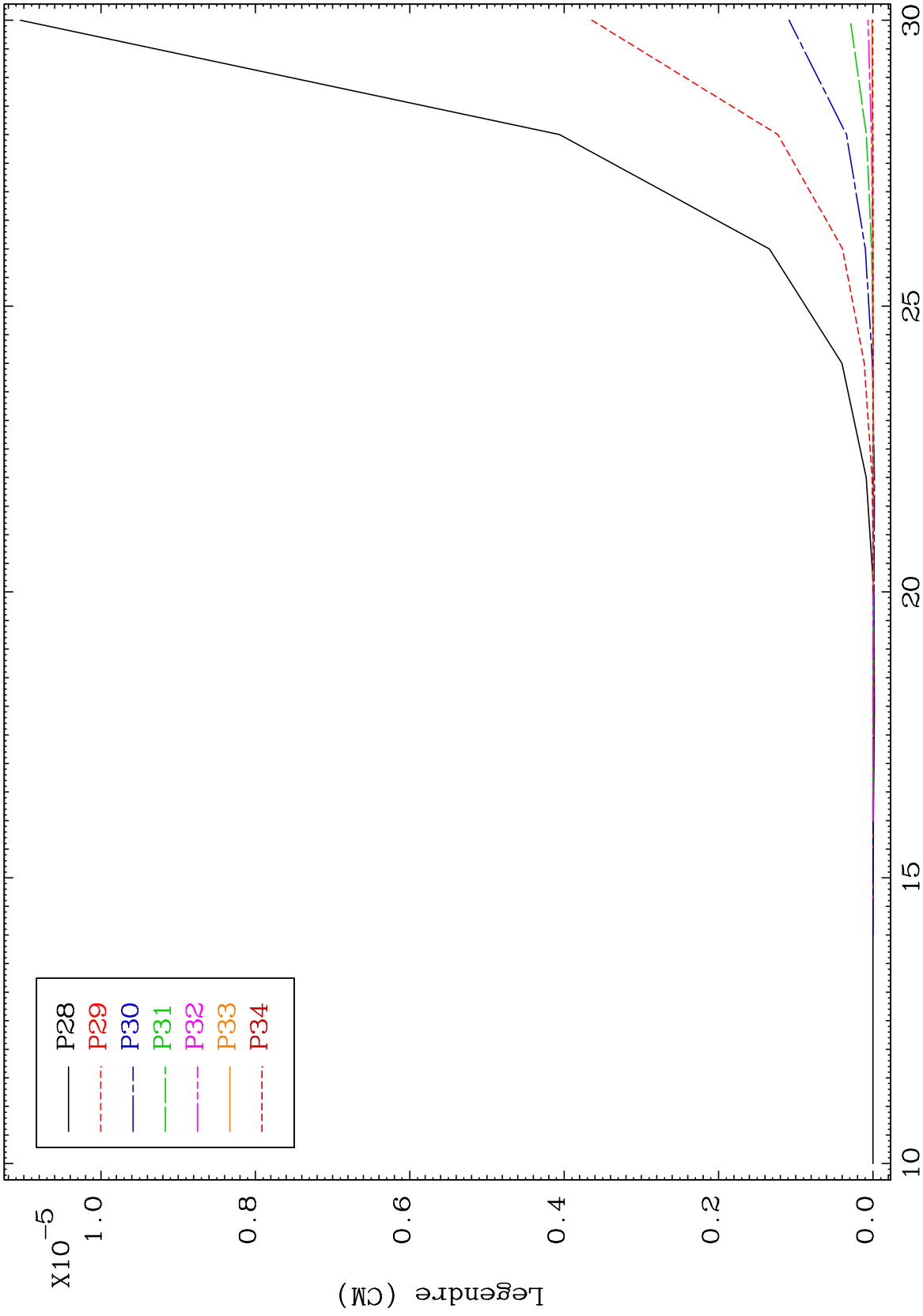
Incident Energy (MeV)

84-Po-197

MAT 8398

Elastic Legendre Coefficients

84-Po-197



18

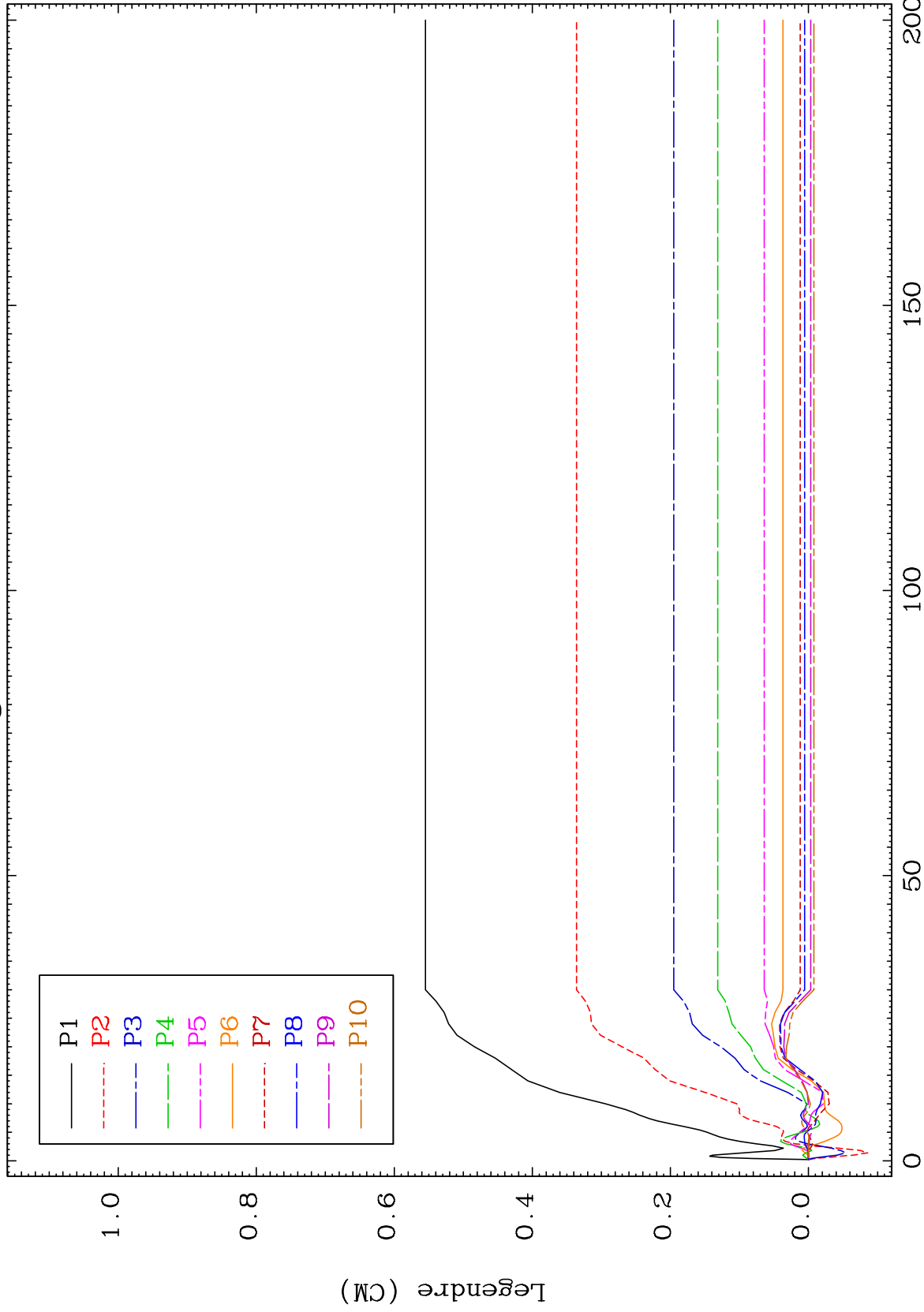
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



19

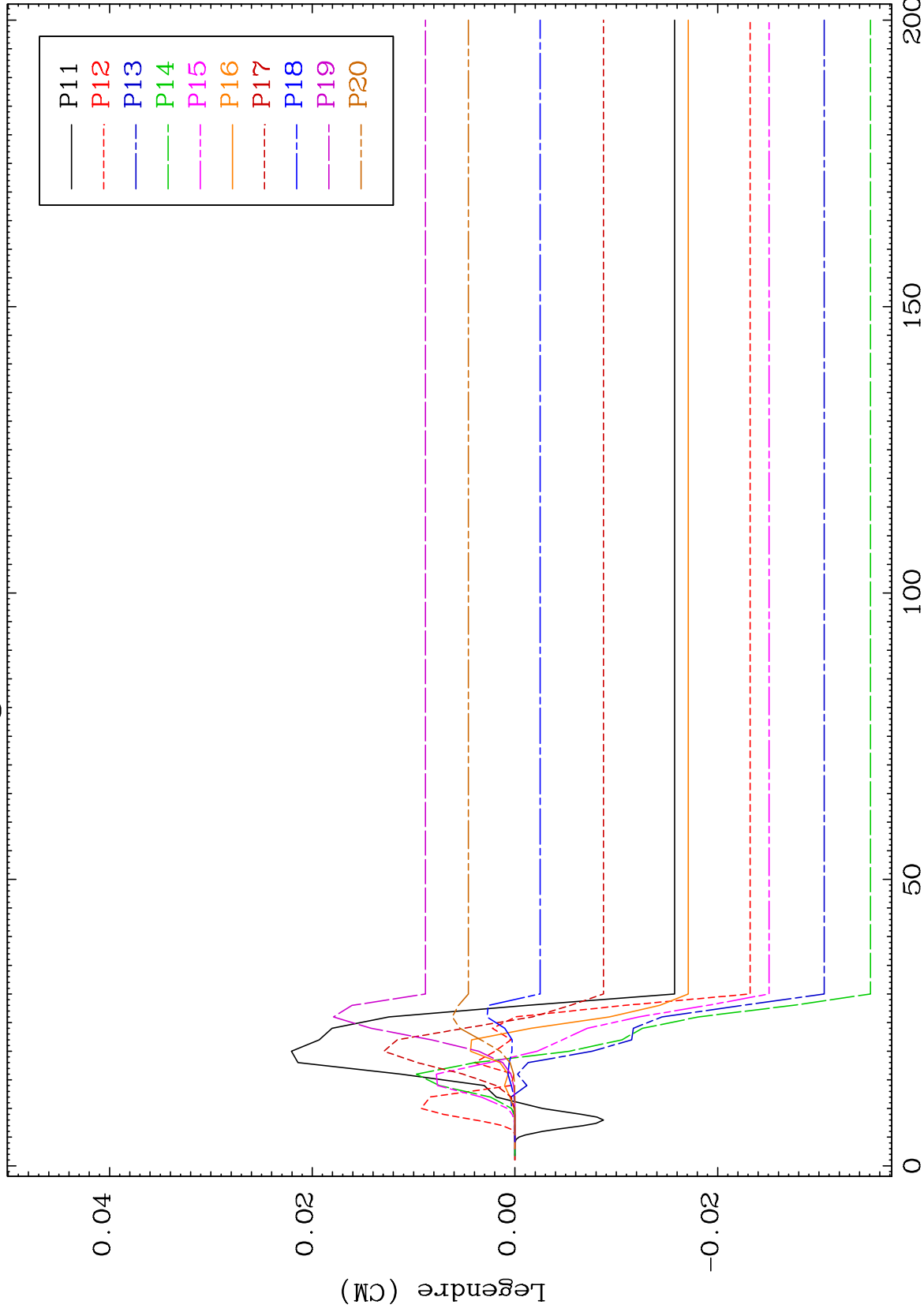
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



20

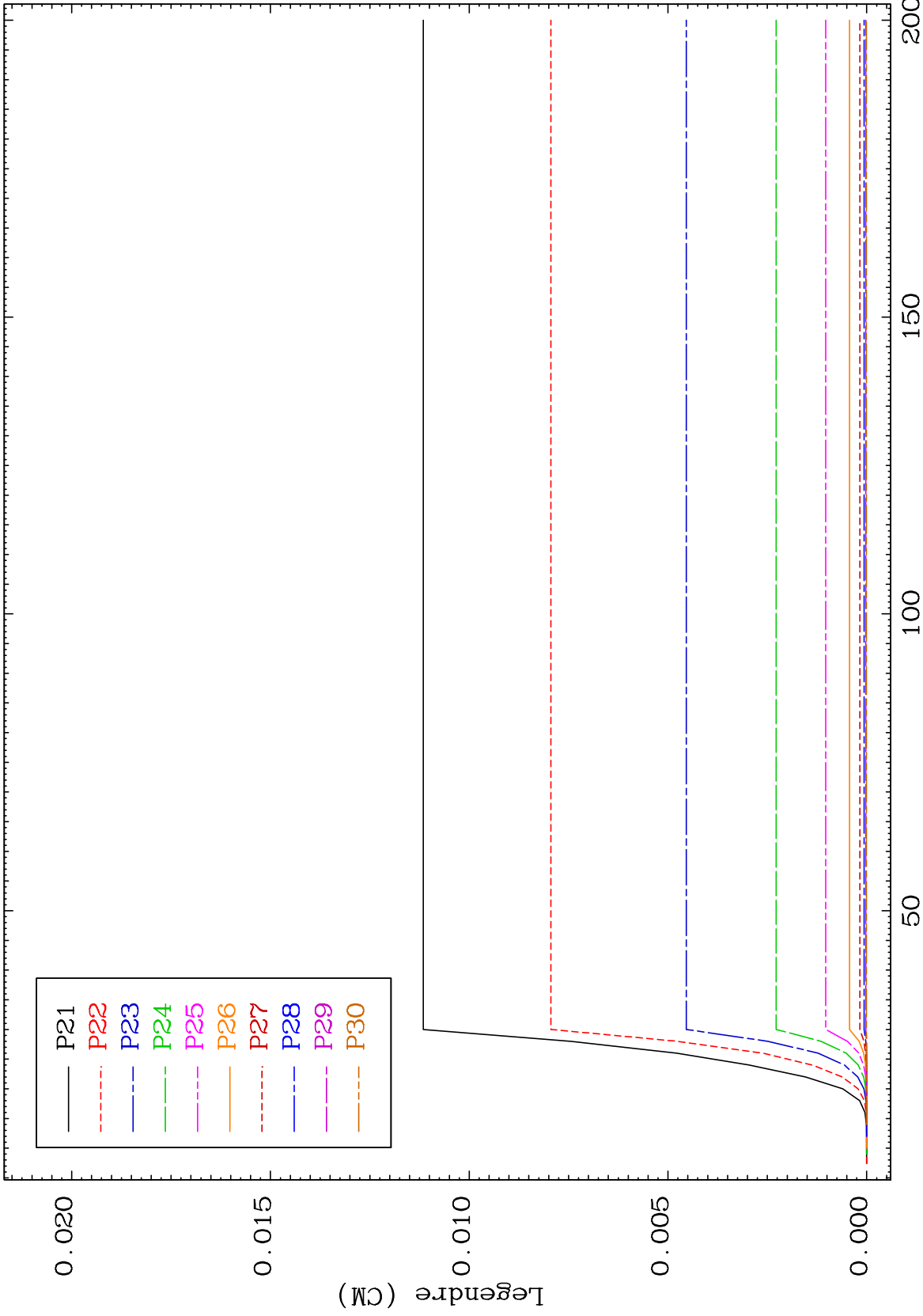
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



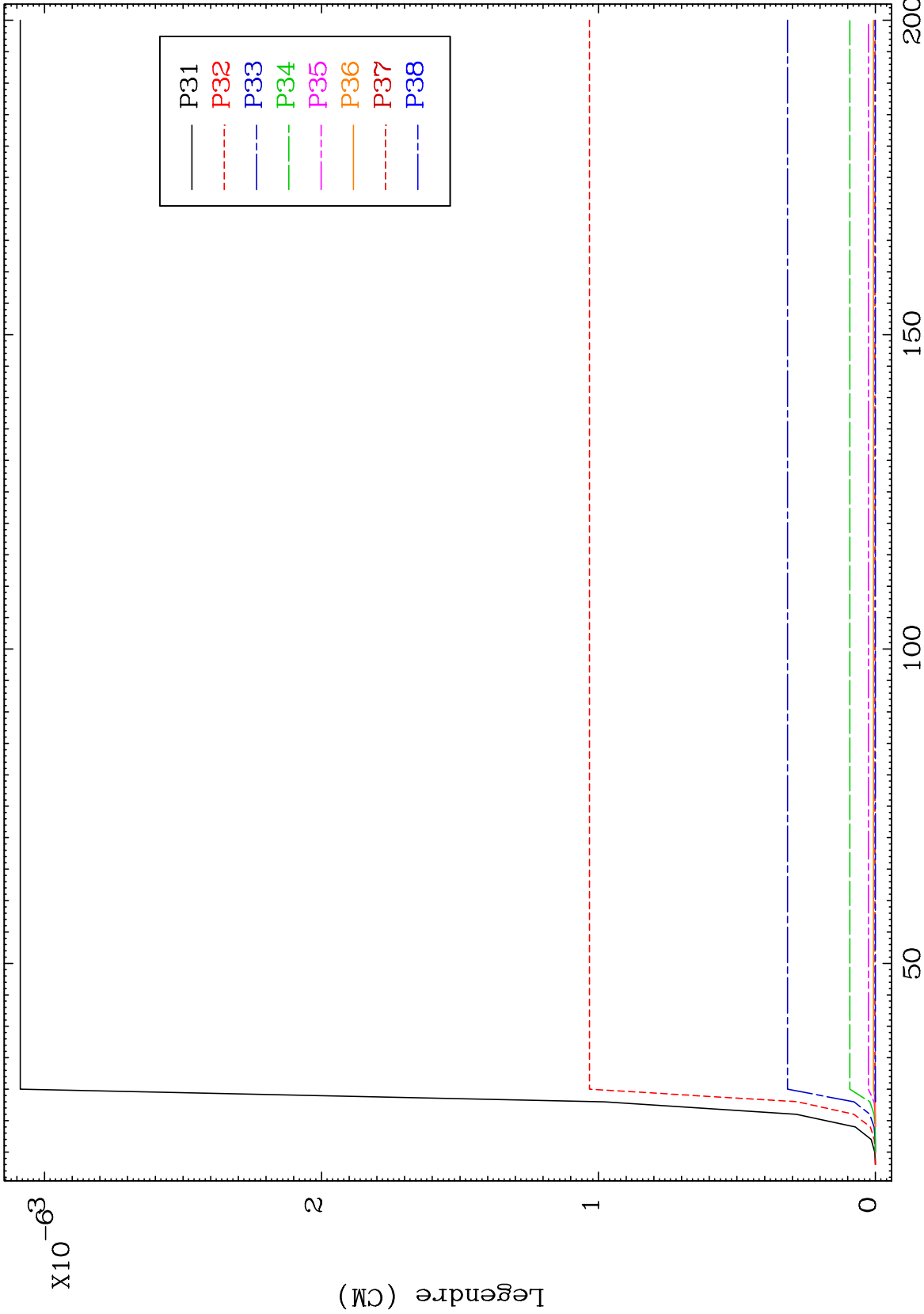
21

84-Po-197

MAT 8398

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

84-Po-197



22

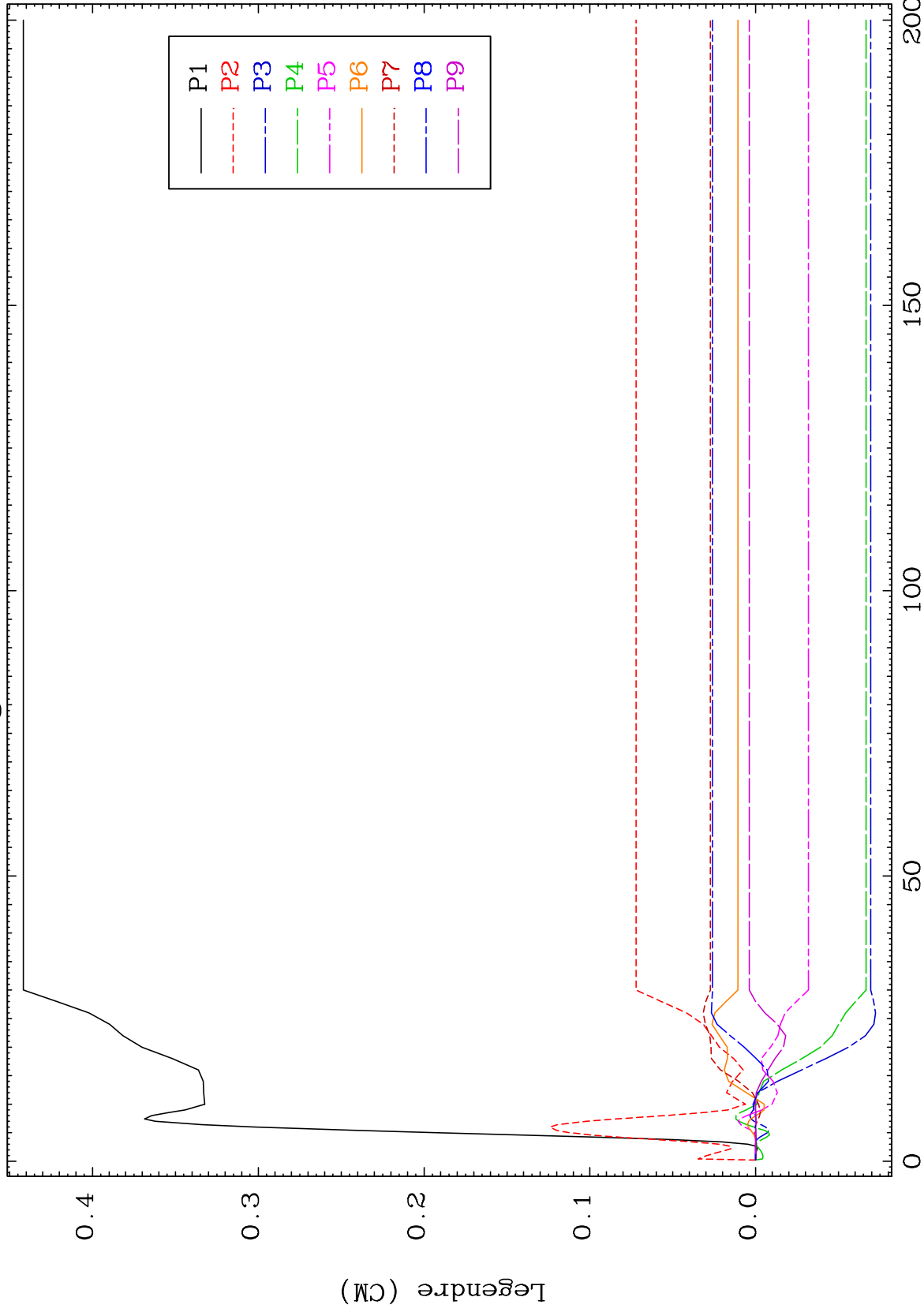
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



23

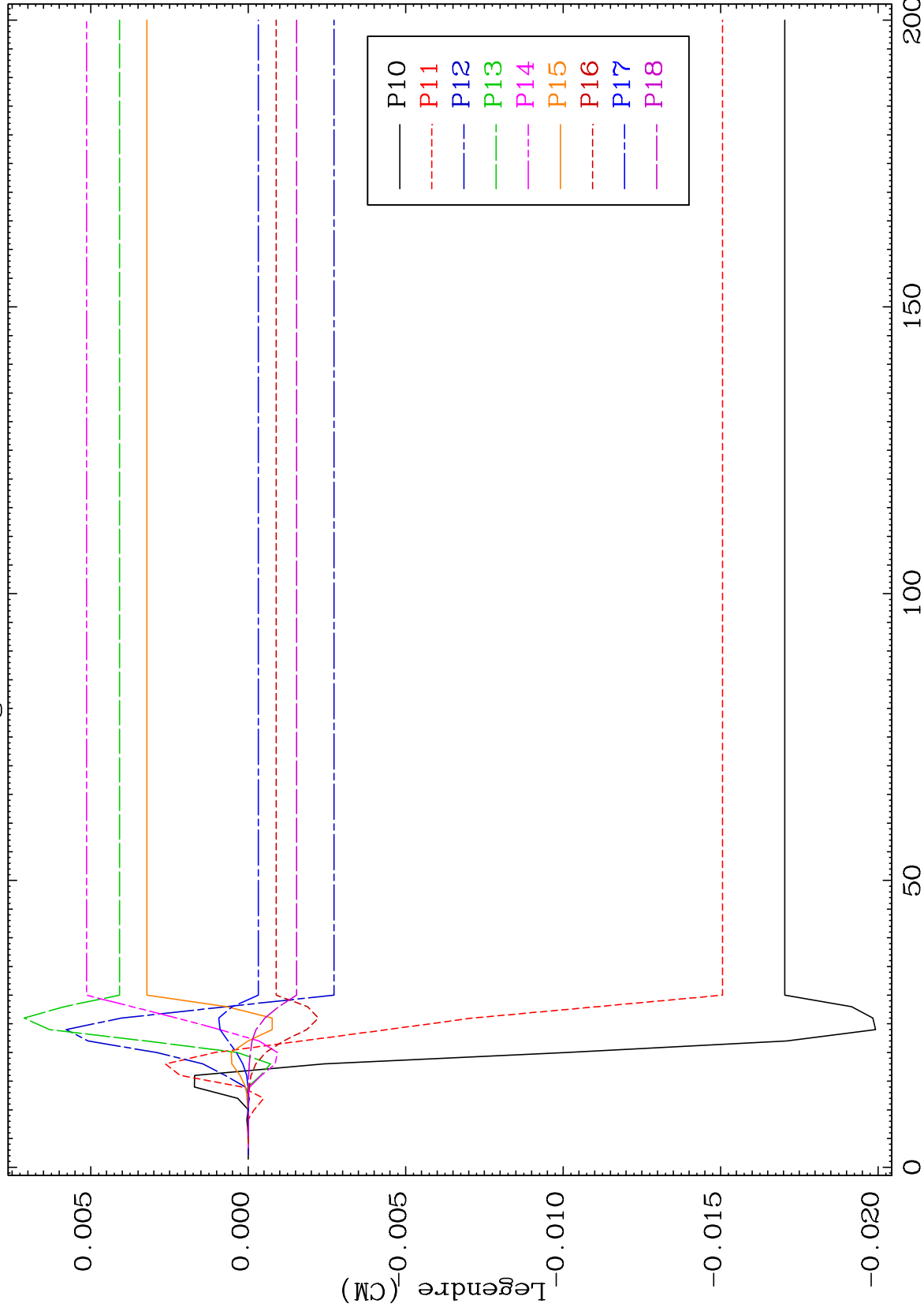
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



24

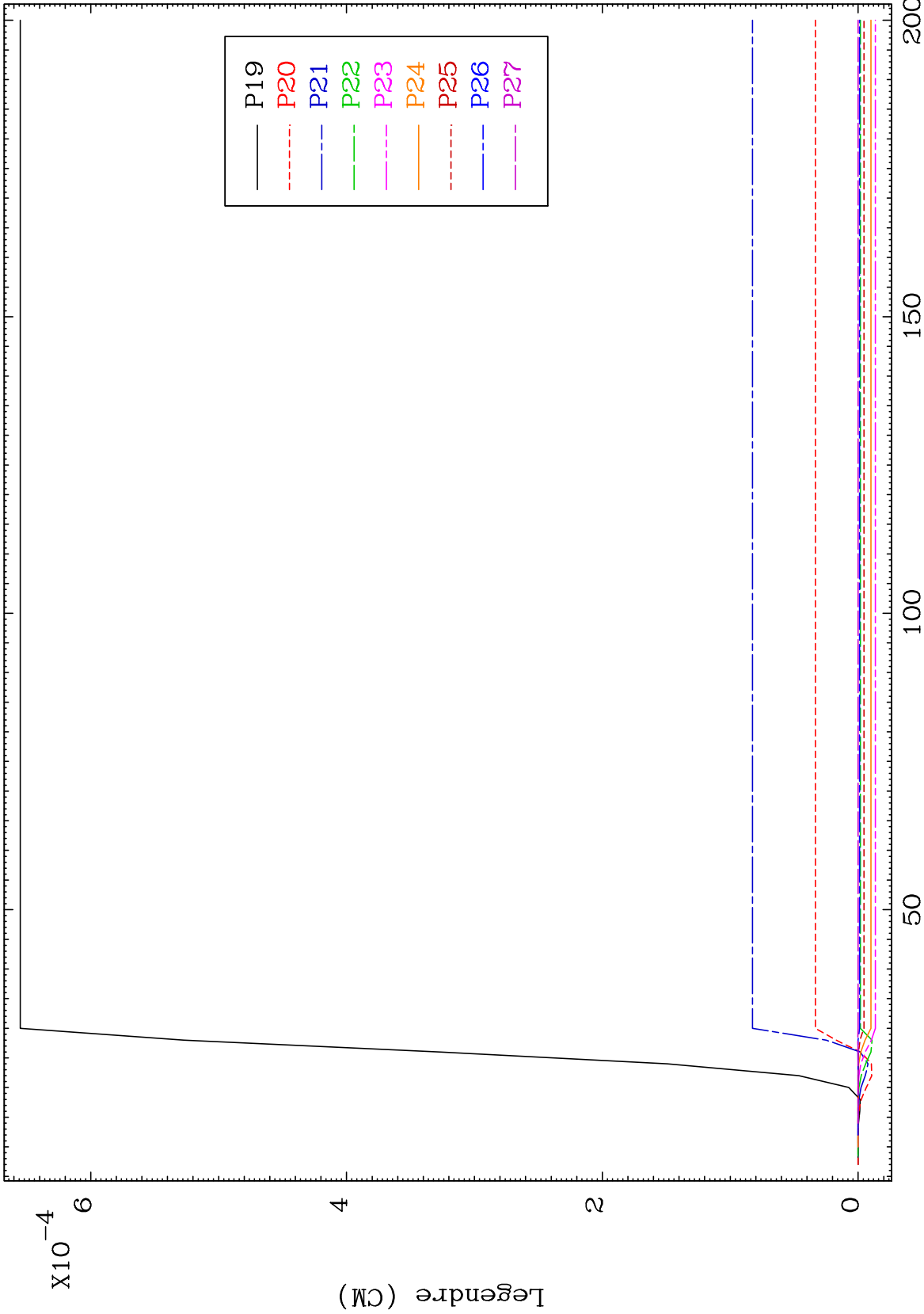
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



25

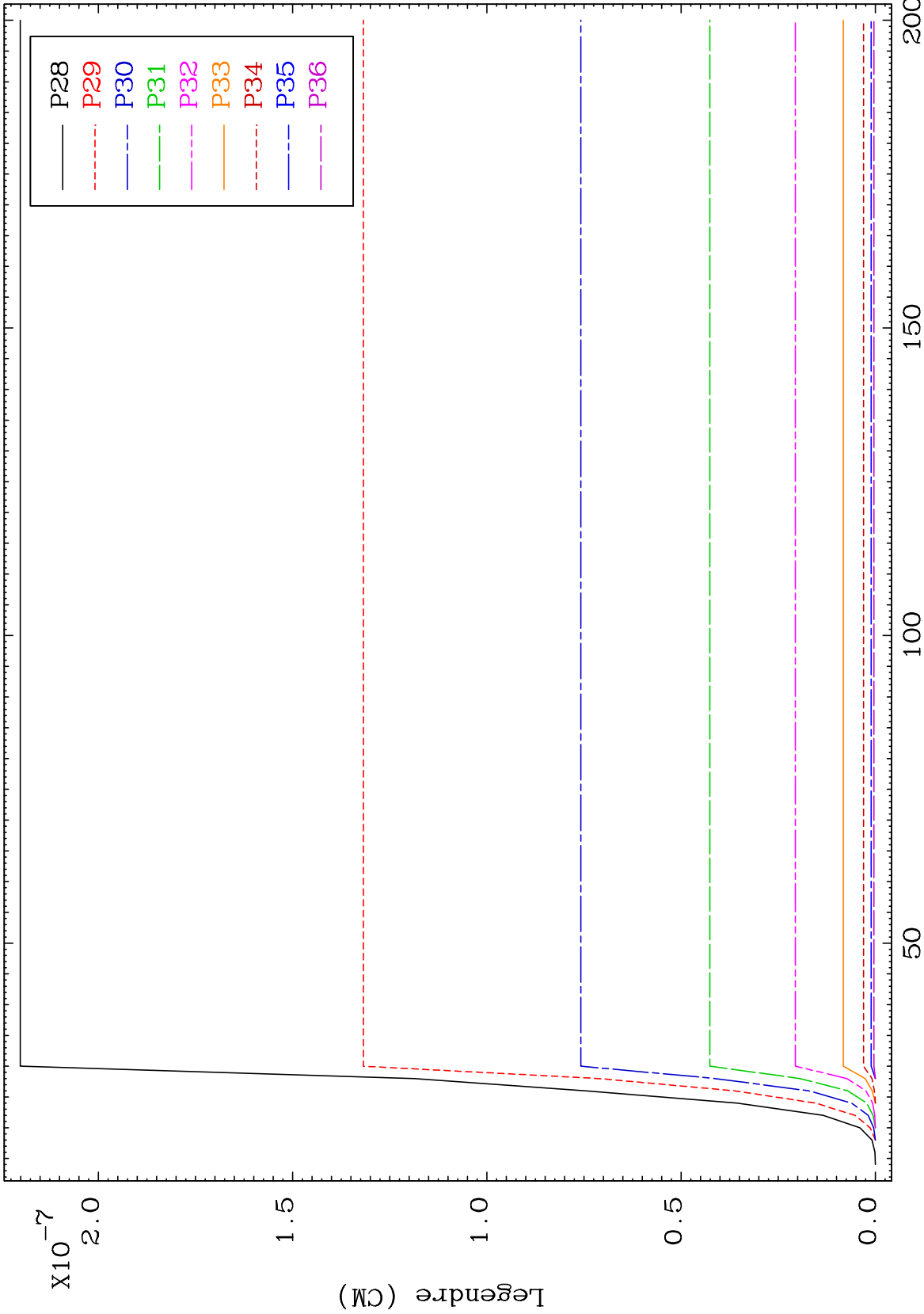
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



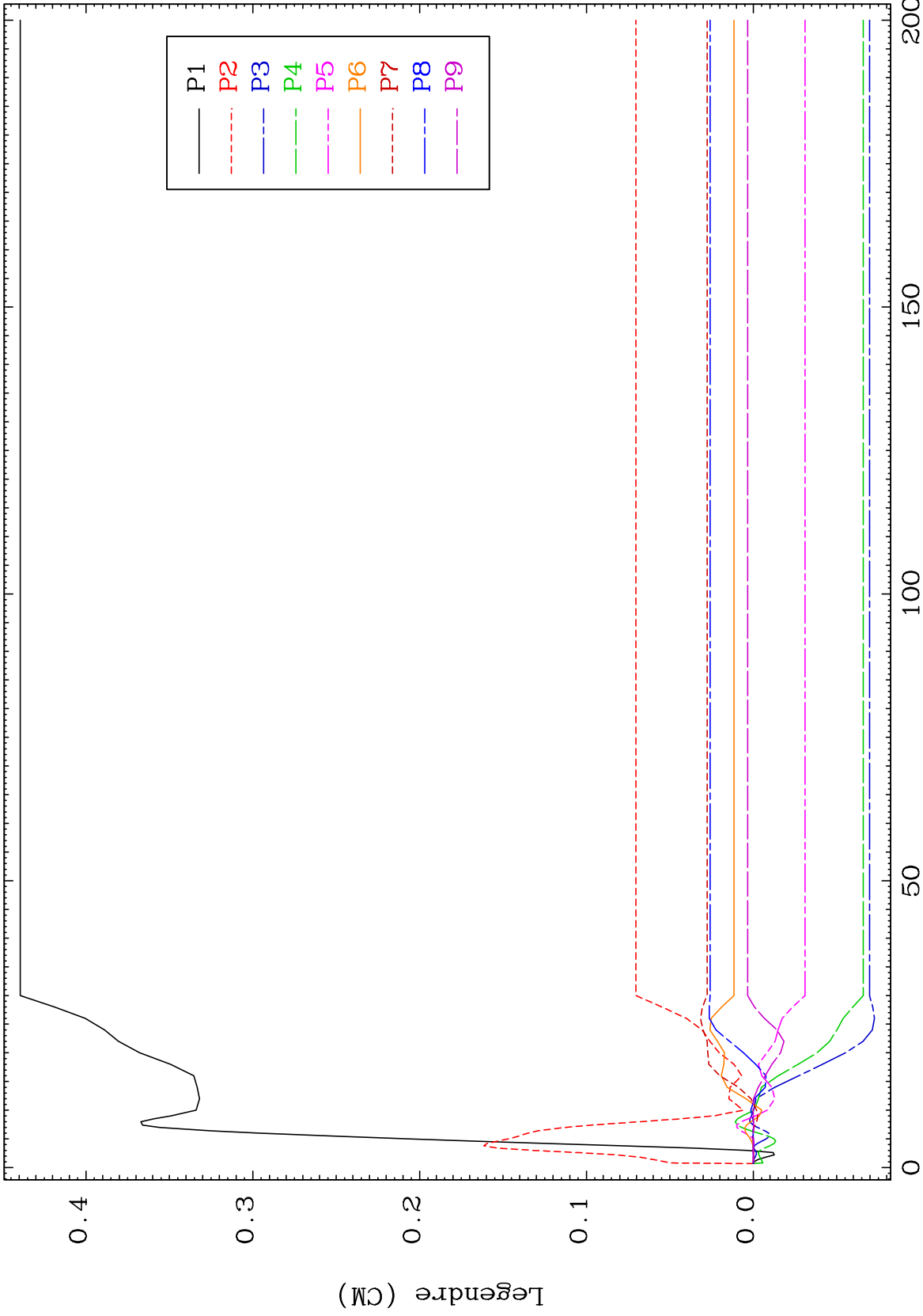
26

84-Po-197

MAT 8398

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

84-Po-197



27

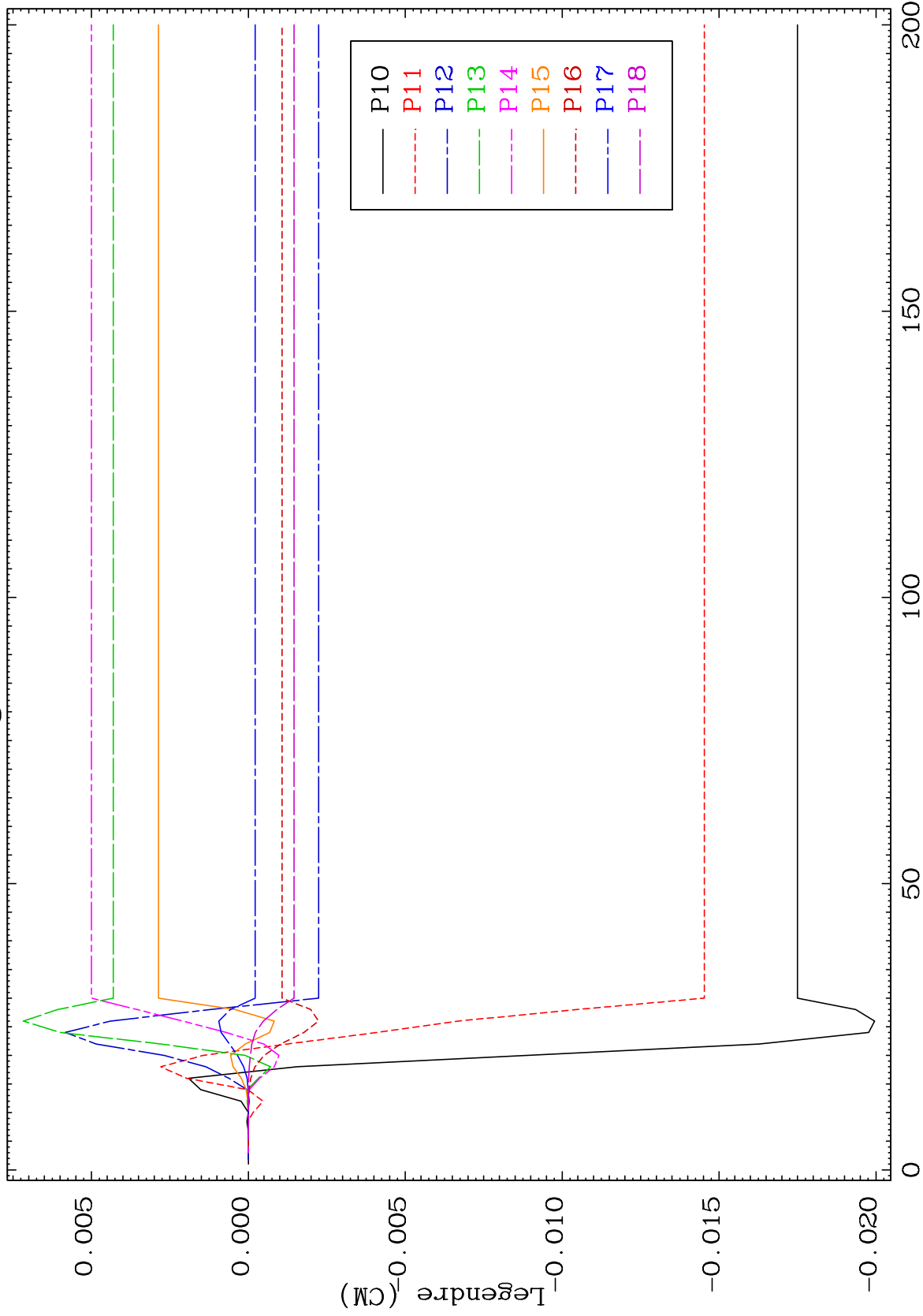
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



28

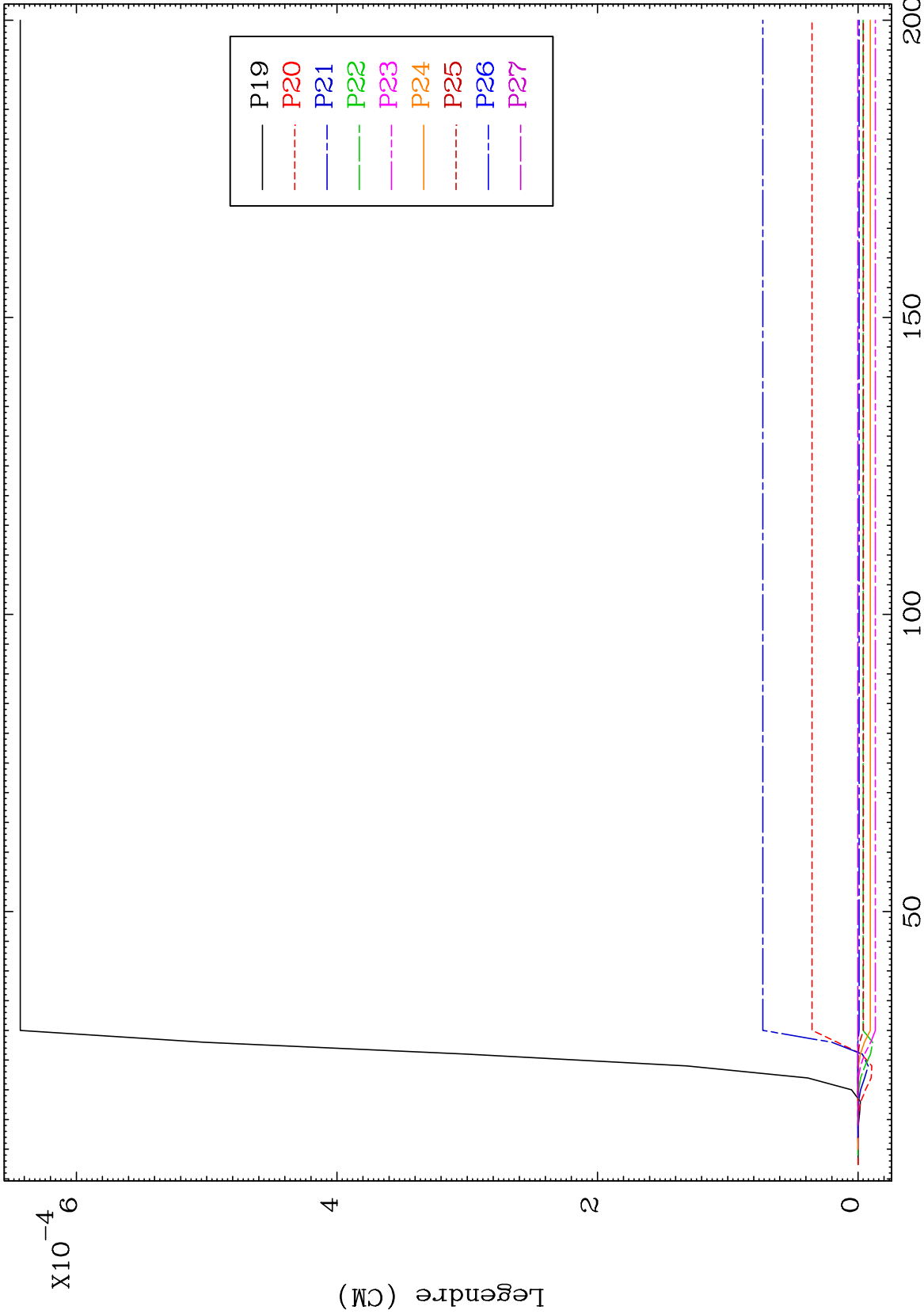
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



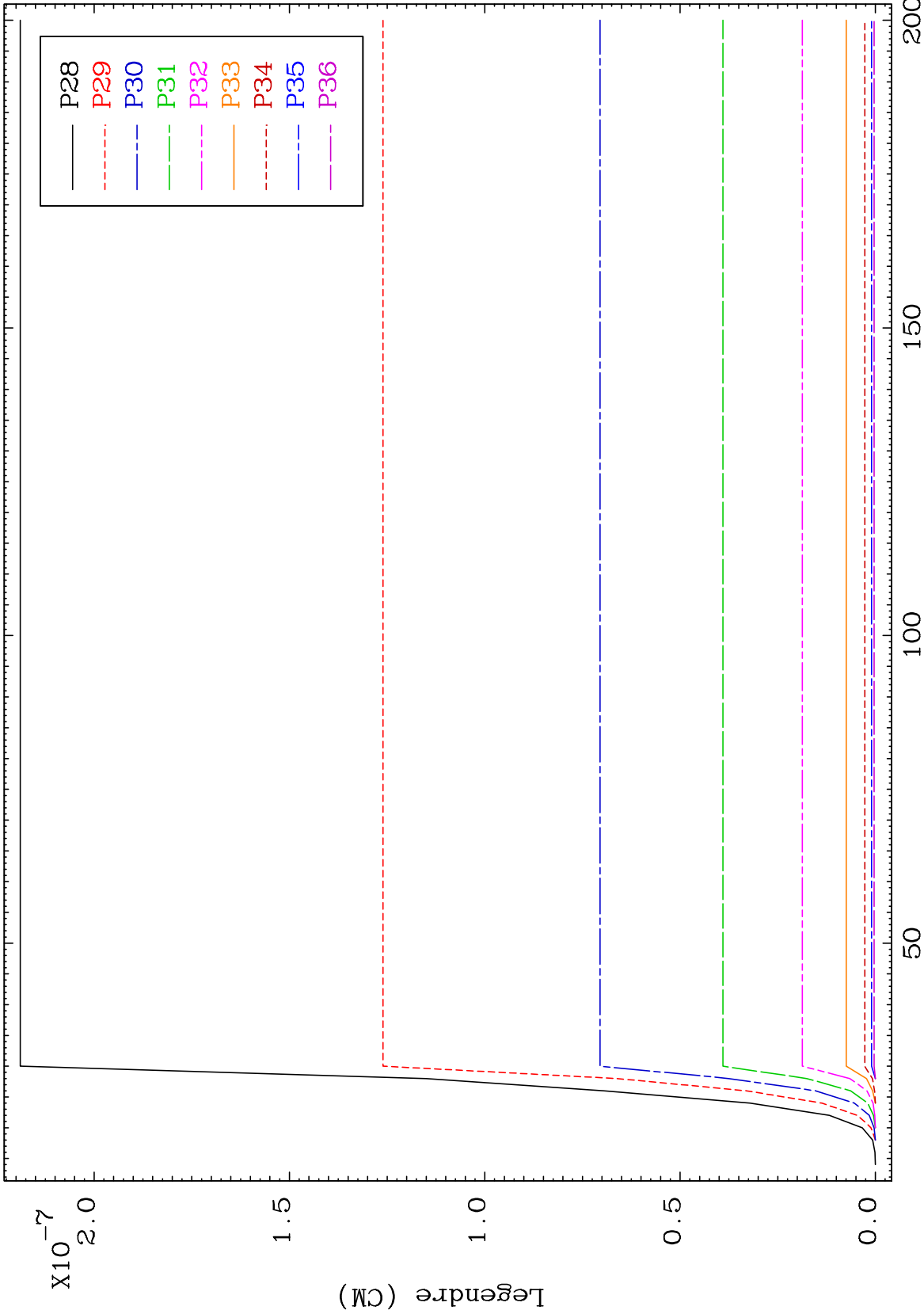
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84-Po-197

MAT 8398

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

84-Po-197



30

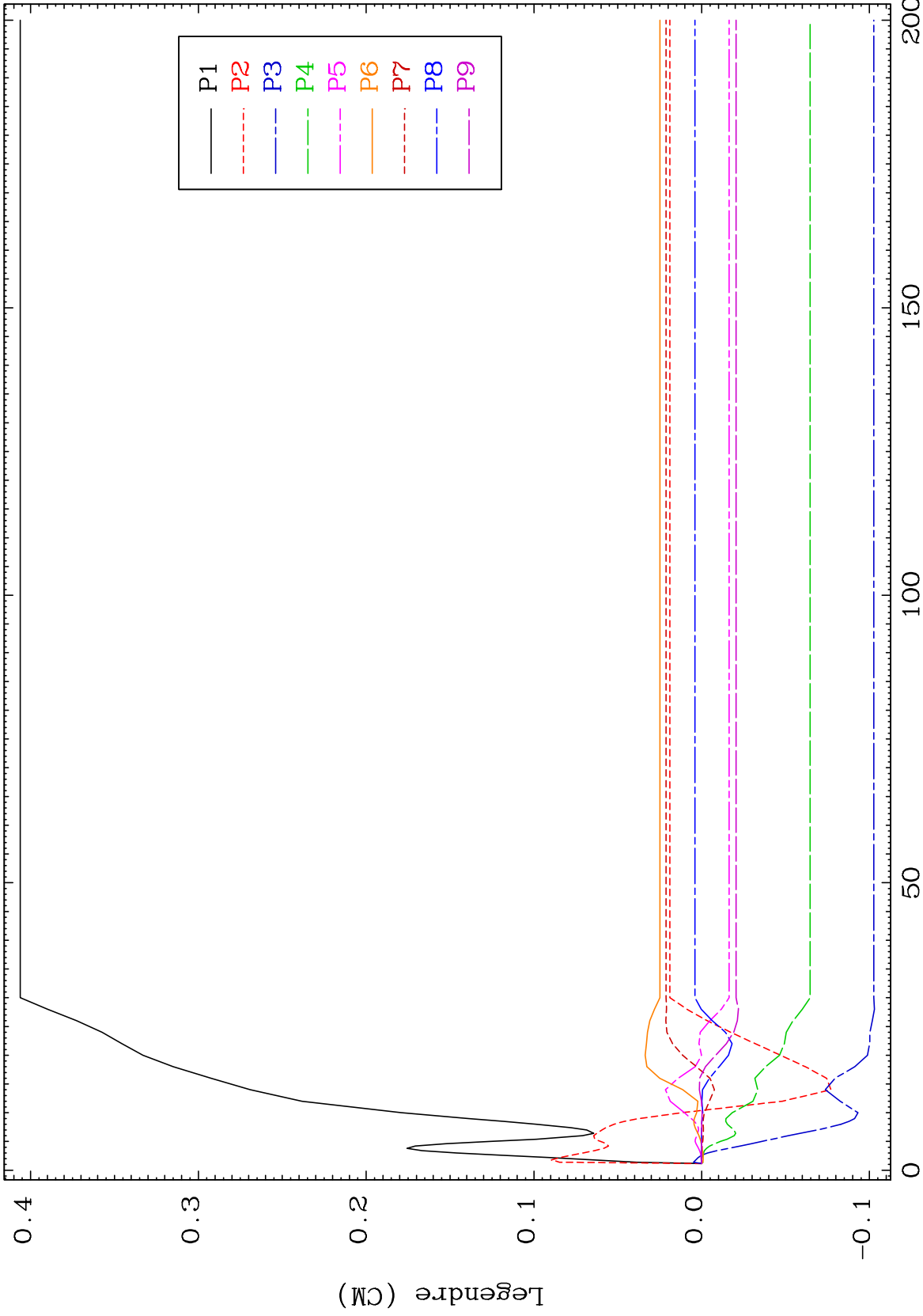
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



31

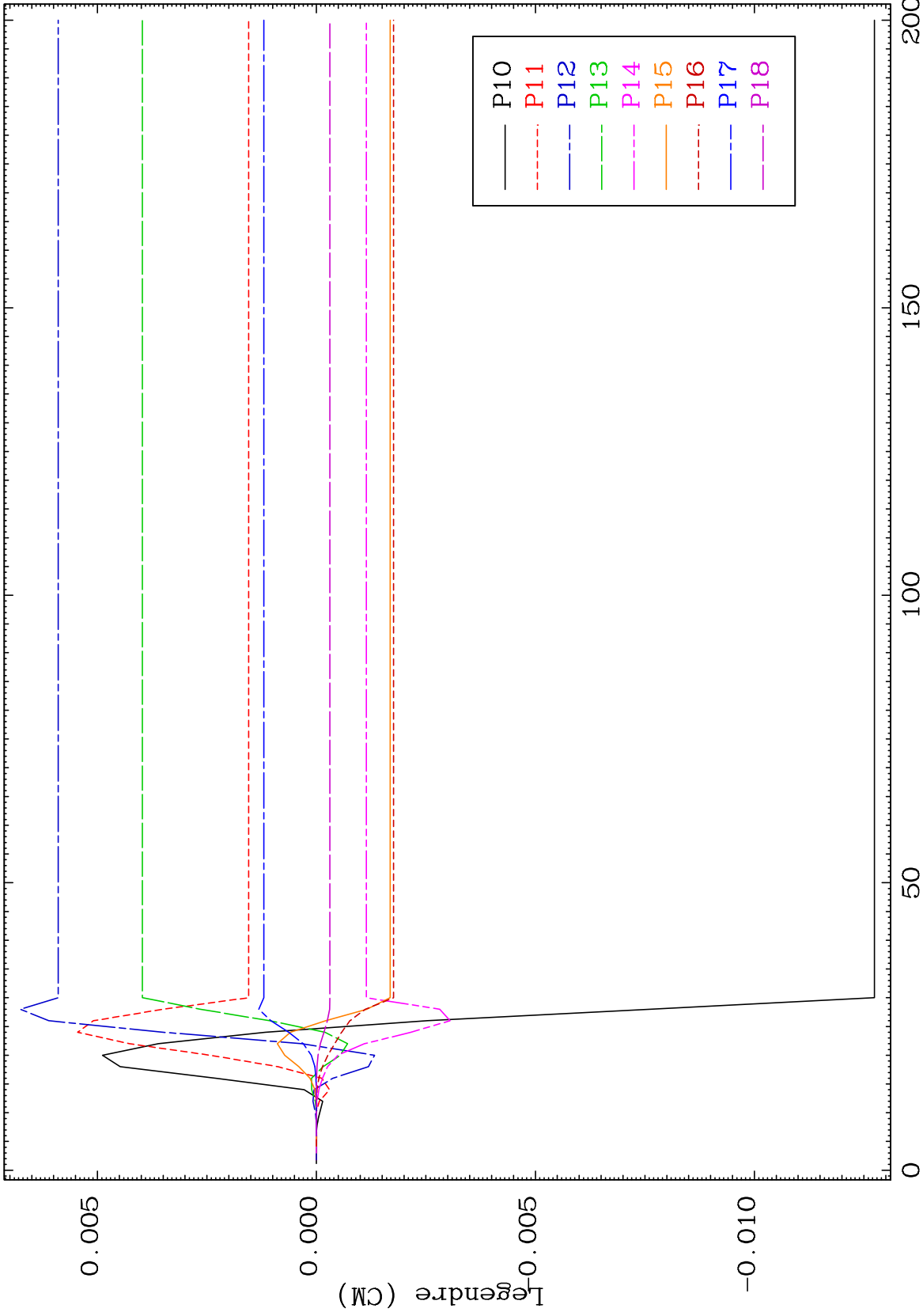
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



32

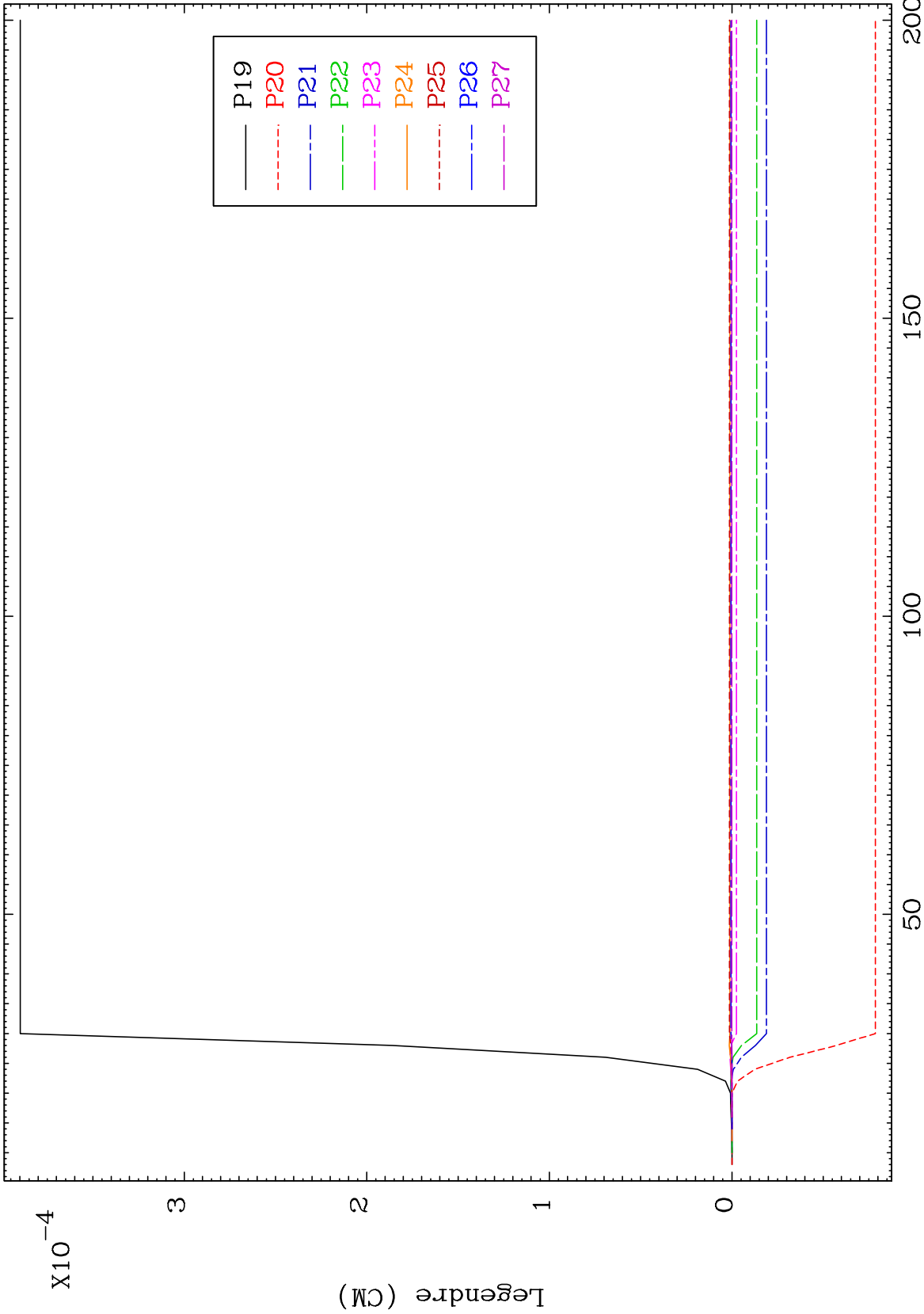
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



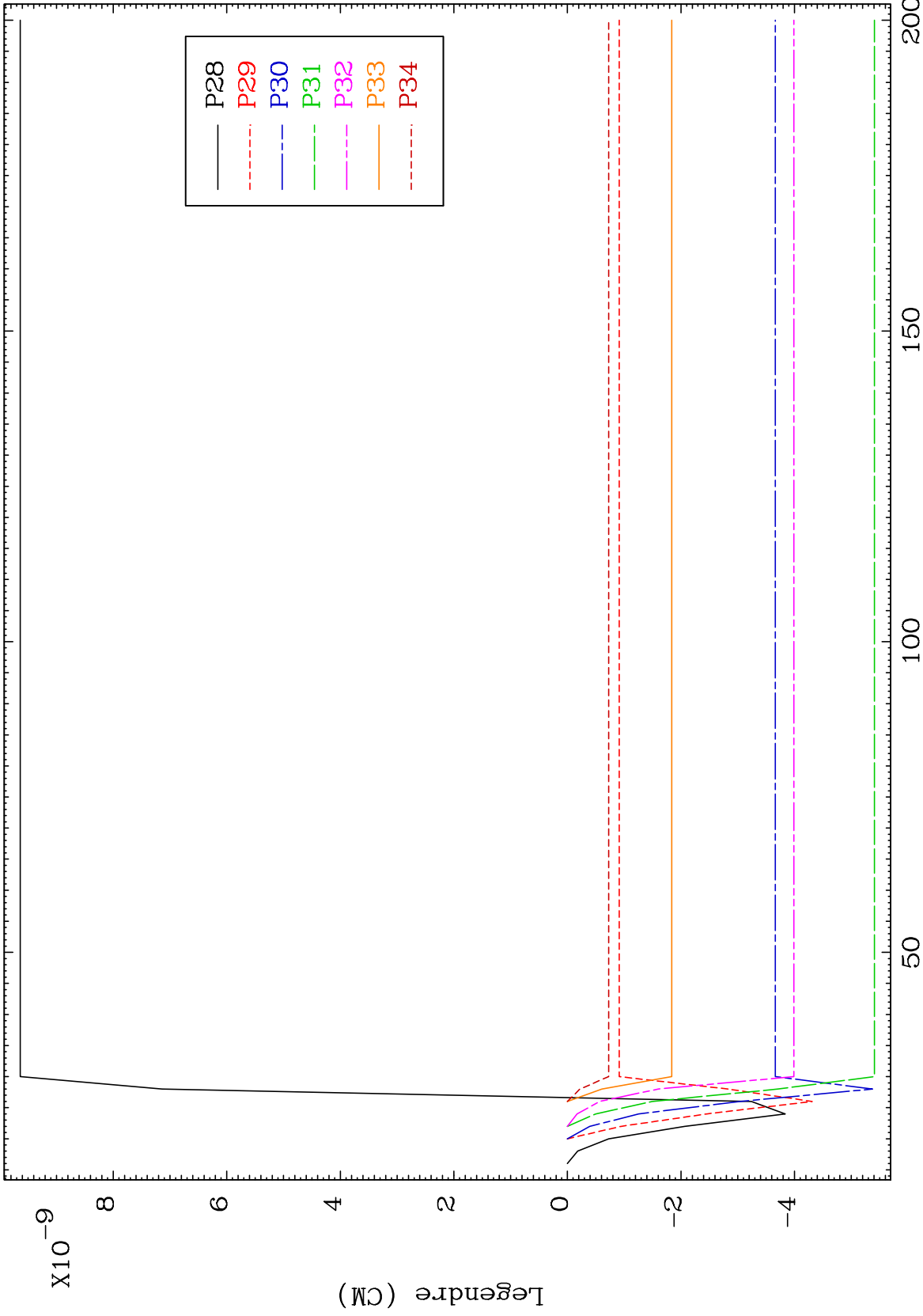
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84-Po-197

MAT 8398

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

84-Po-197



34

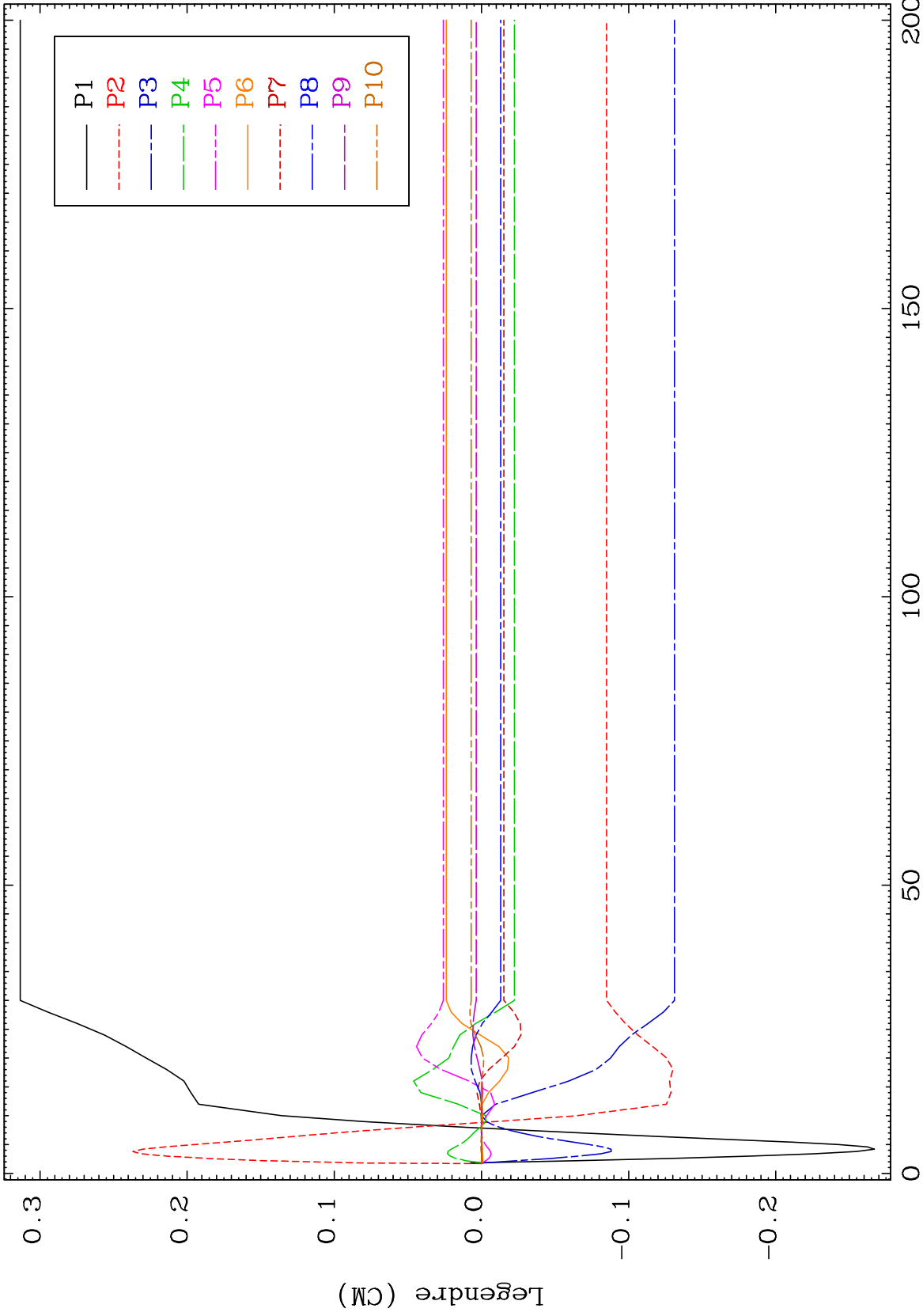
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



35

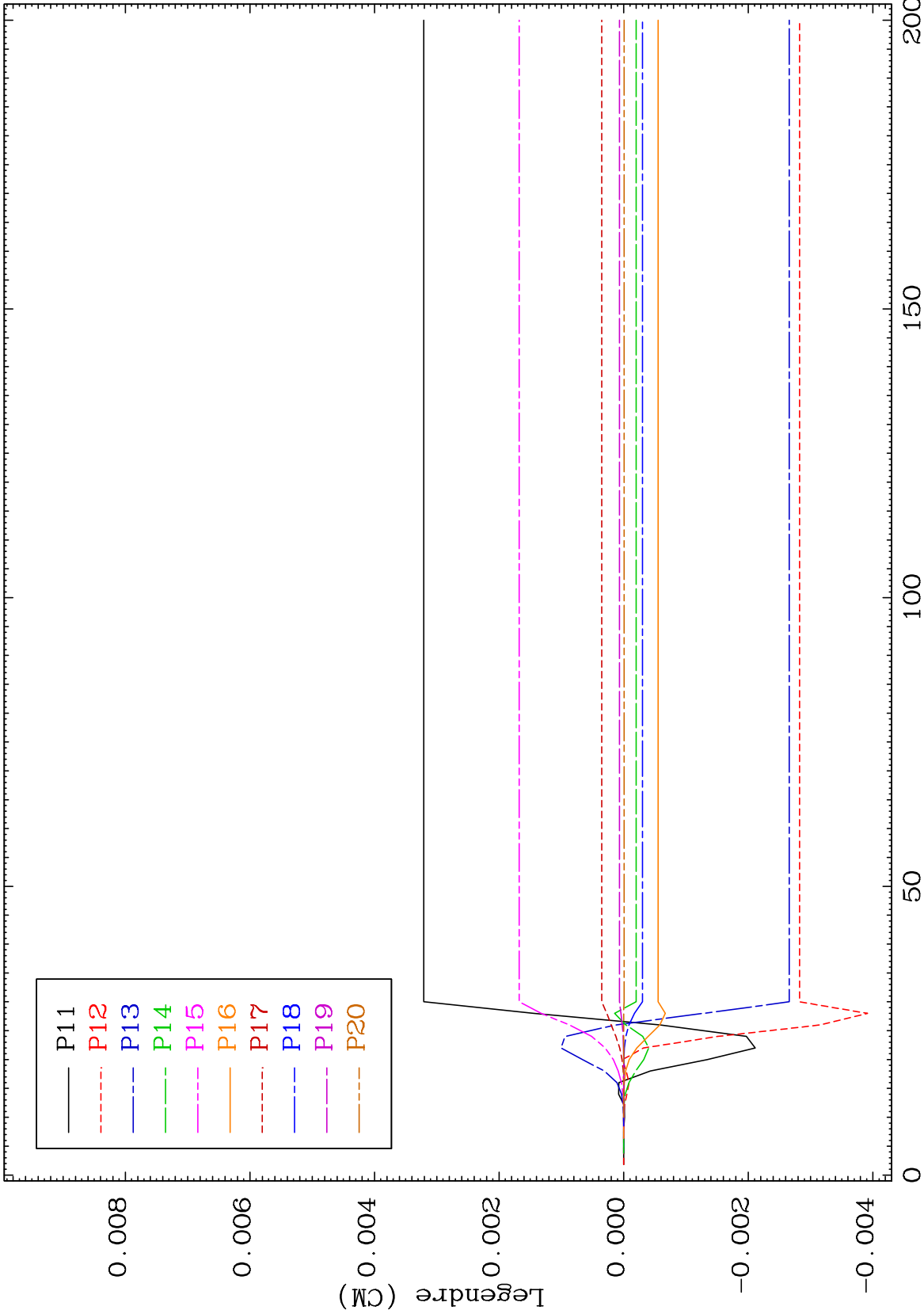
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



36

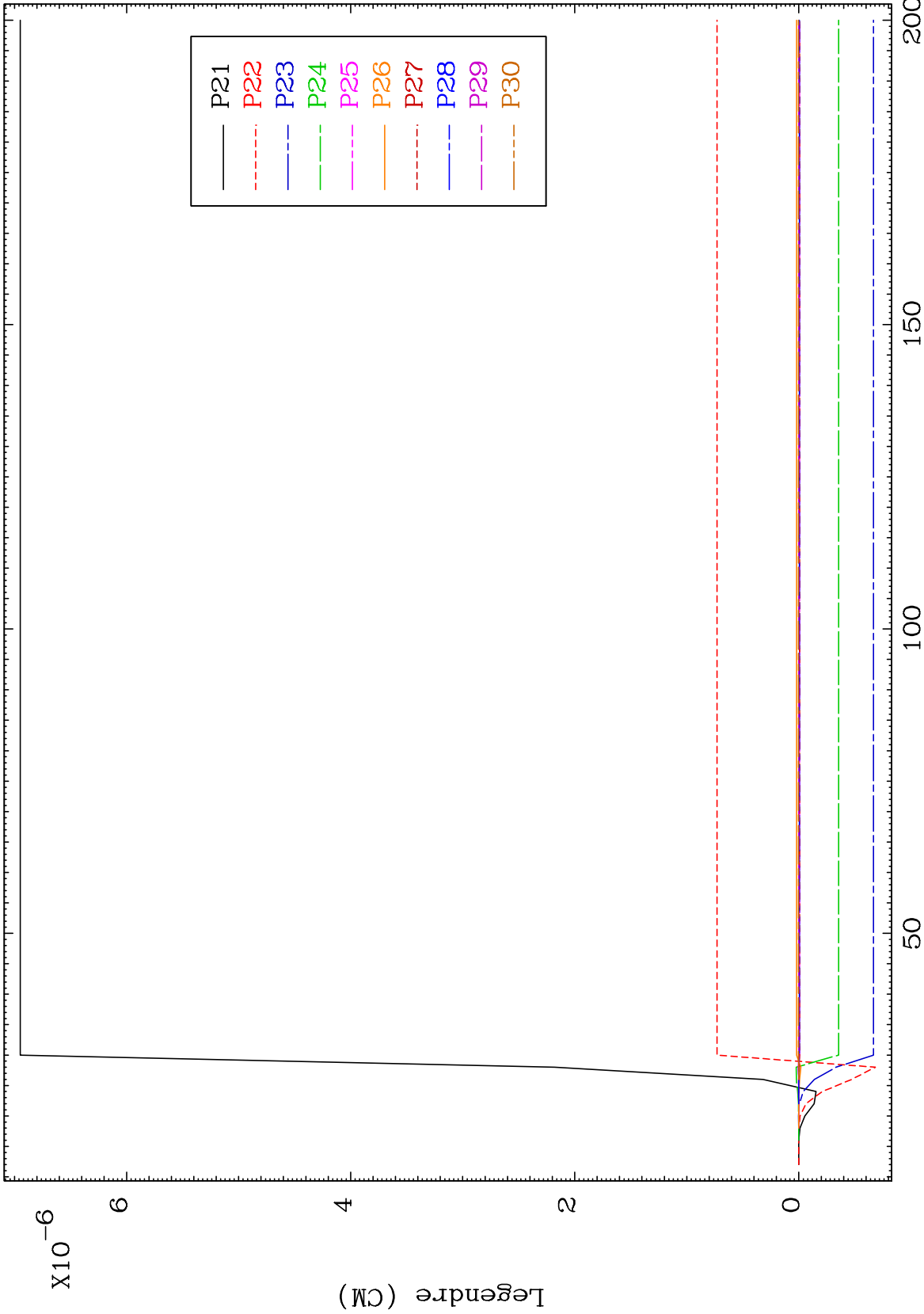
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



37

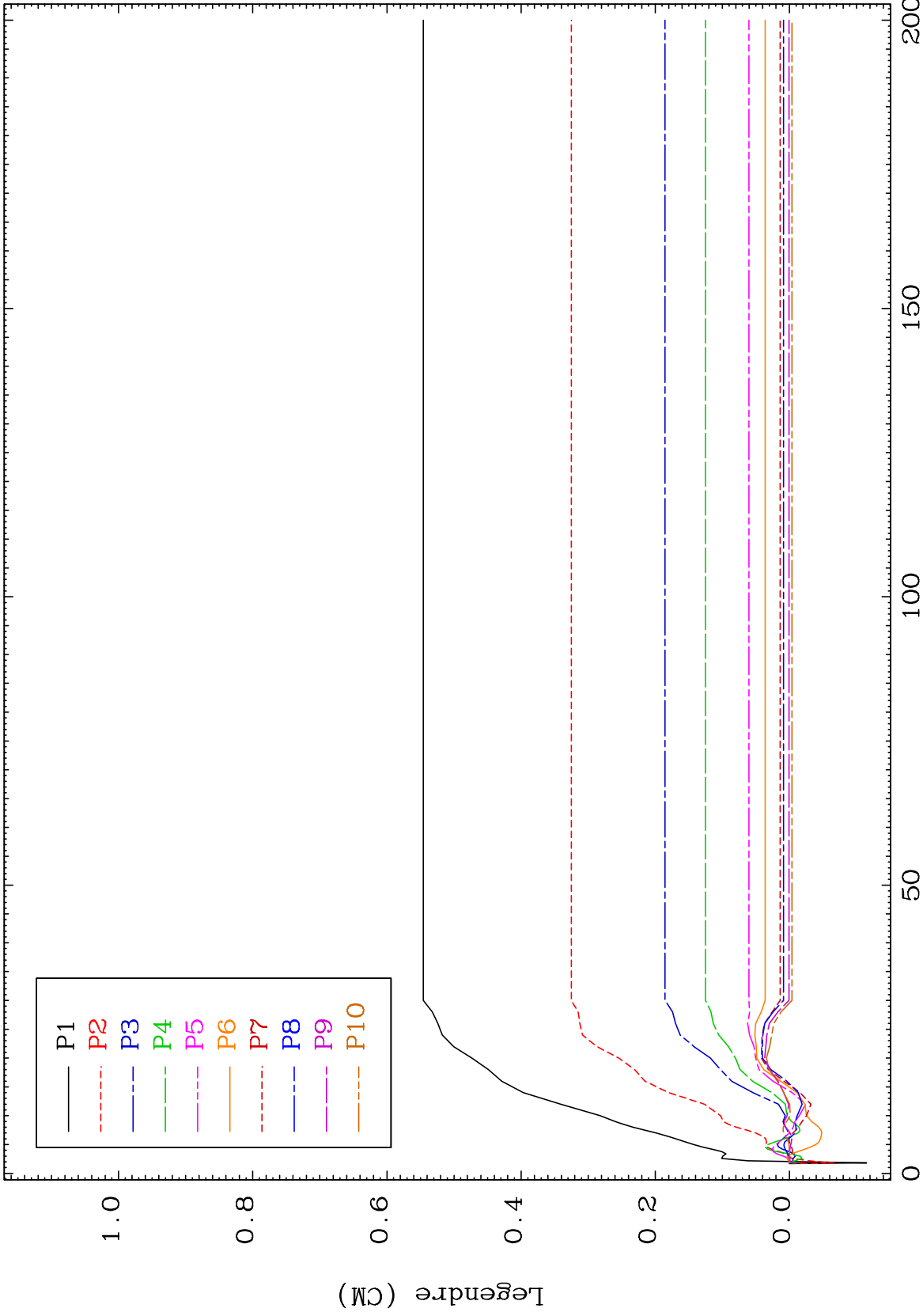
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



38

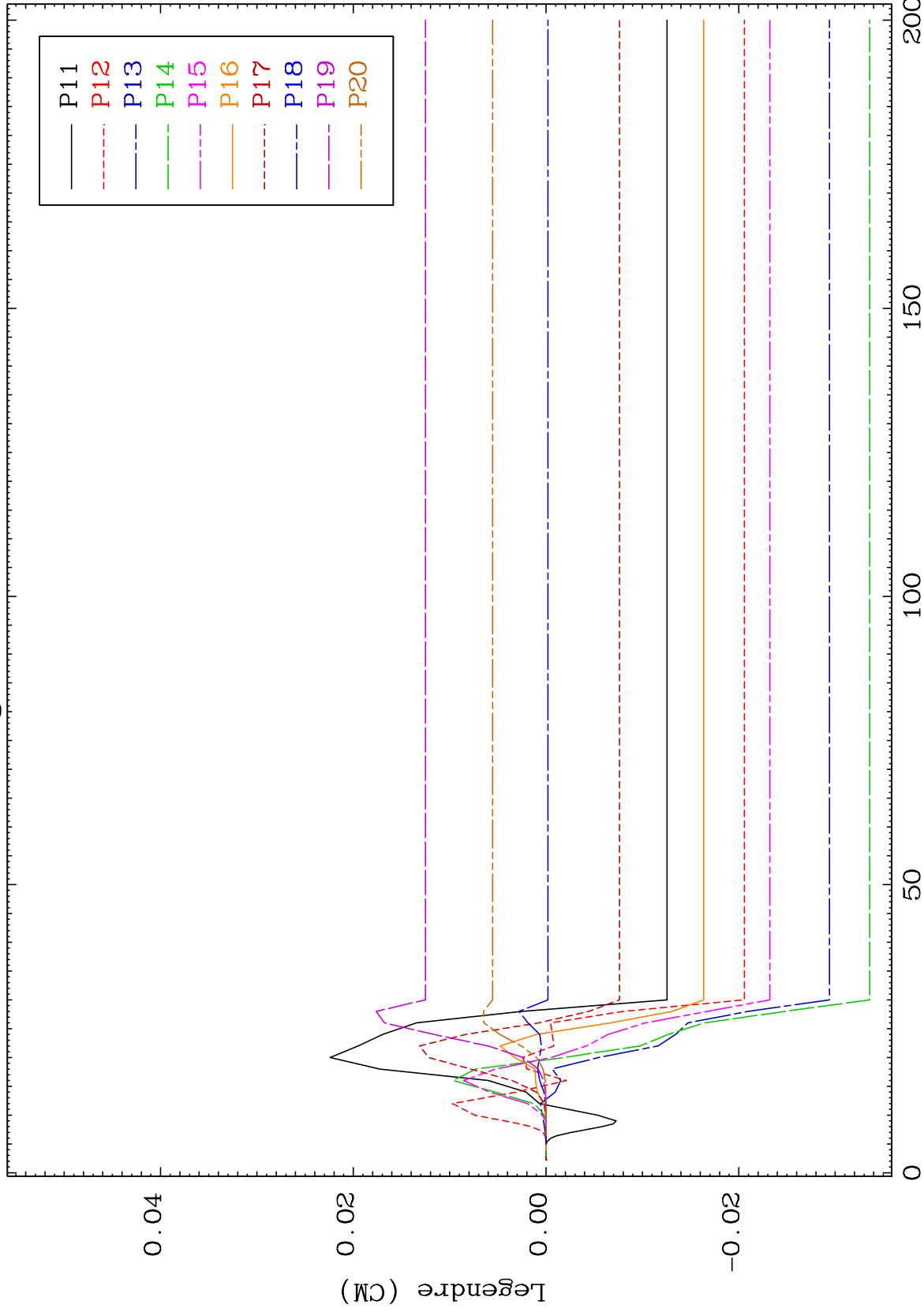
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



39

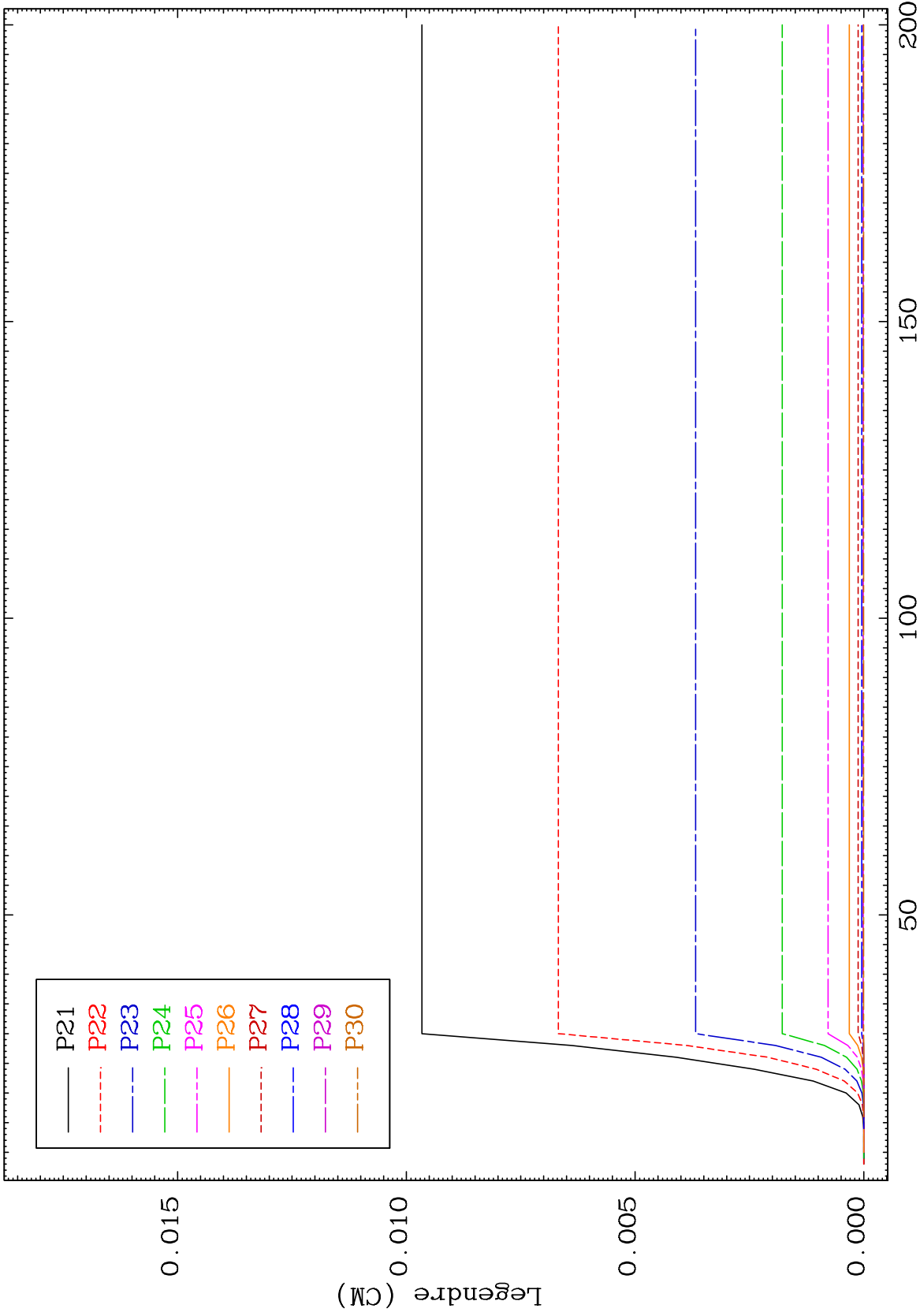
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



40

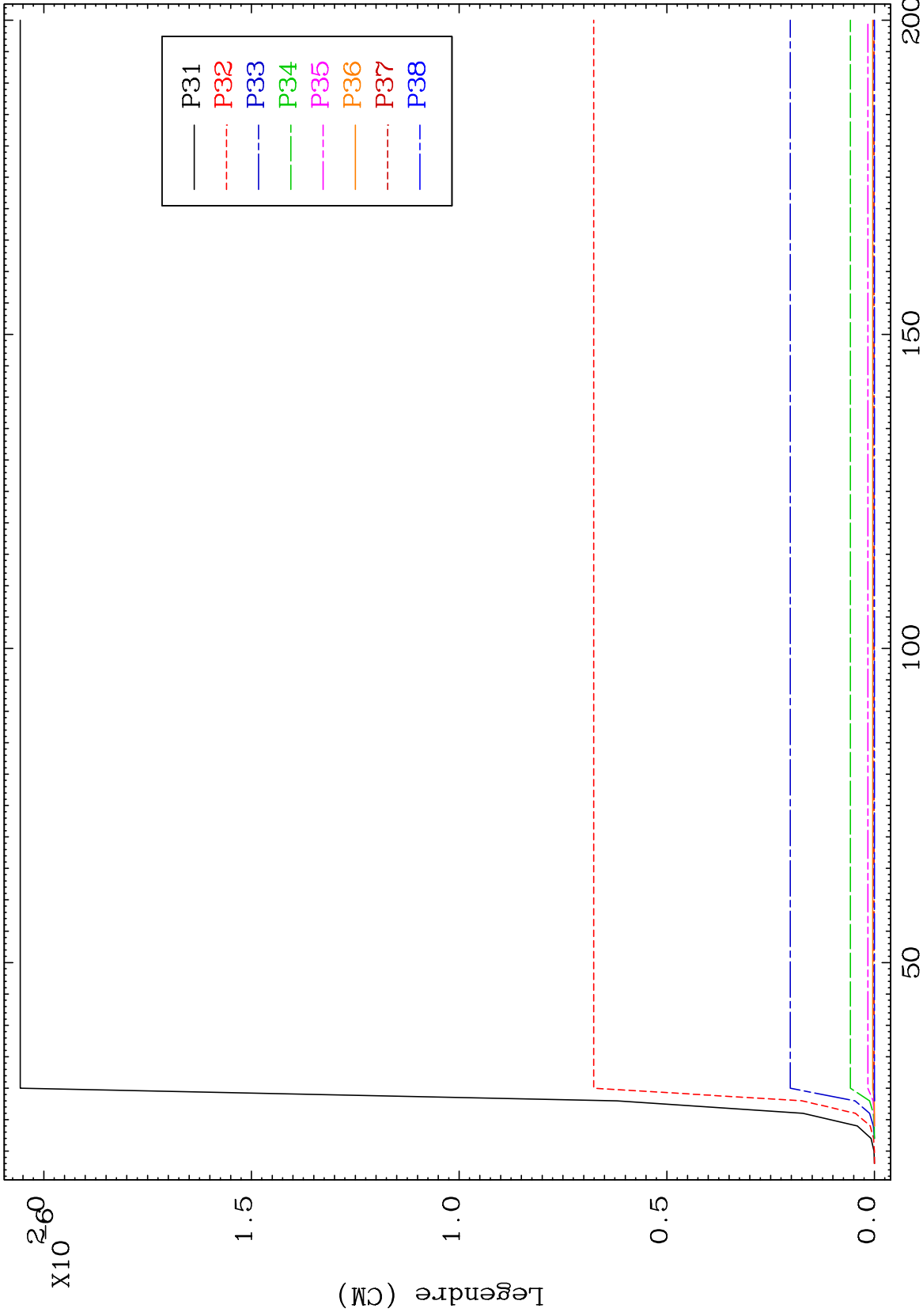
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



41

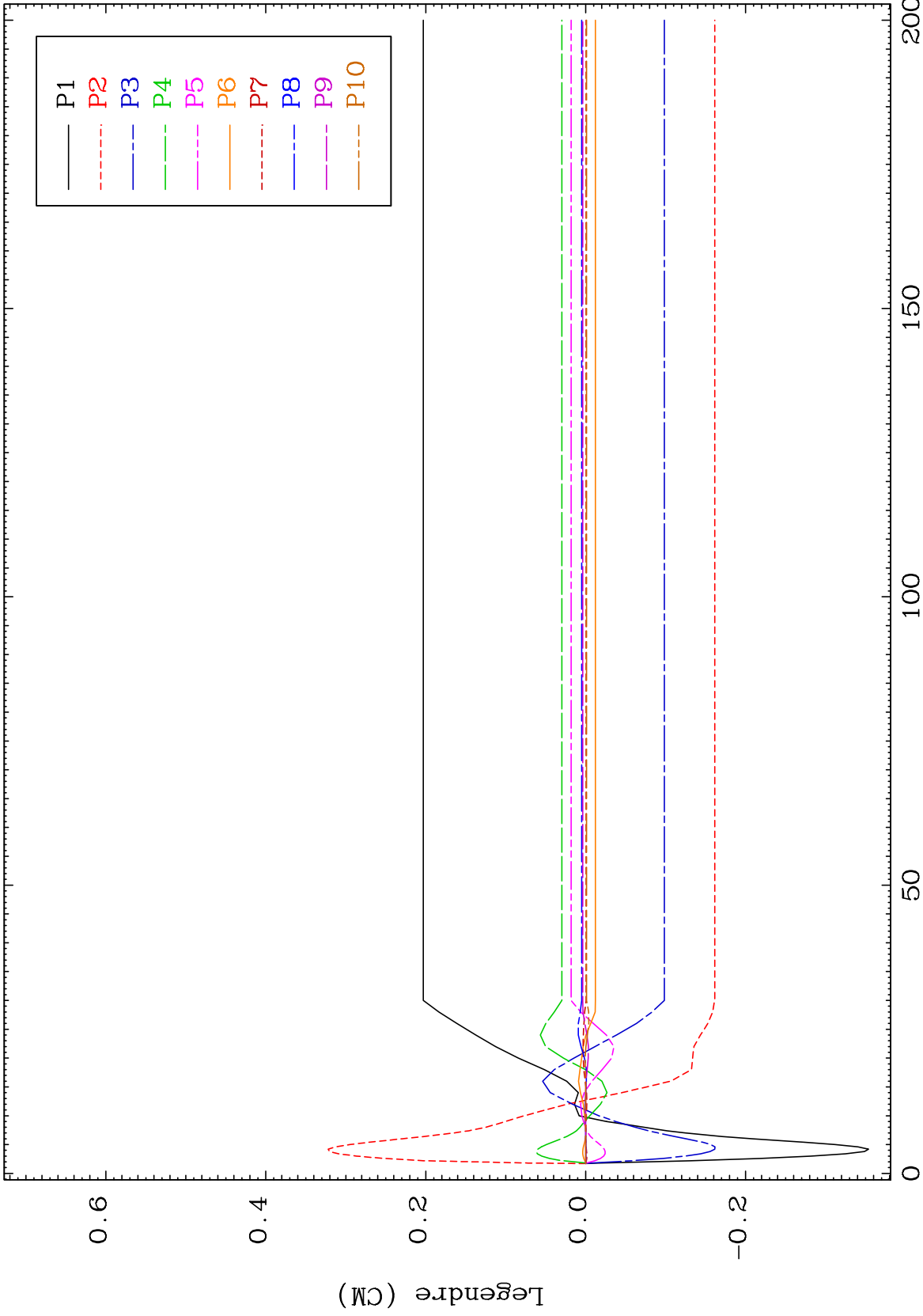
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



42

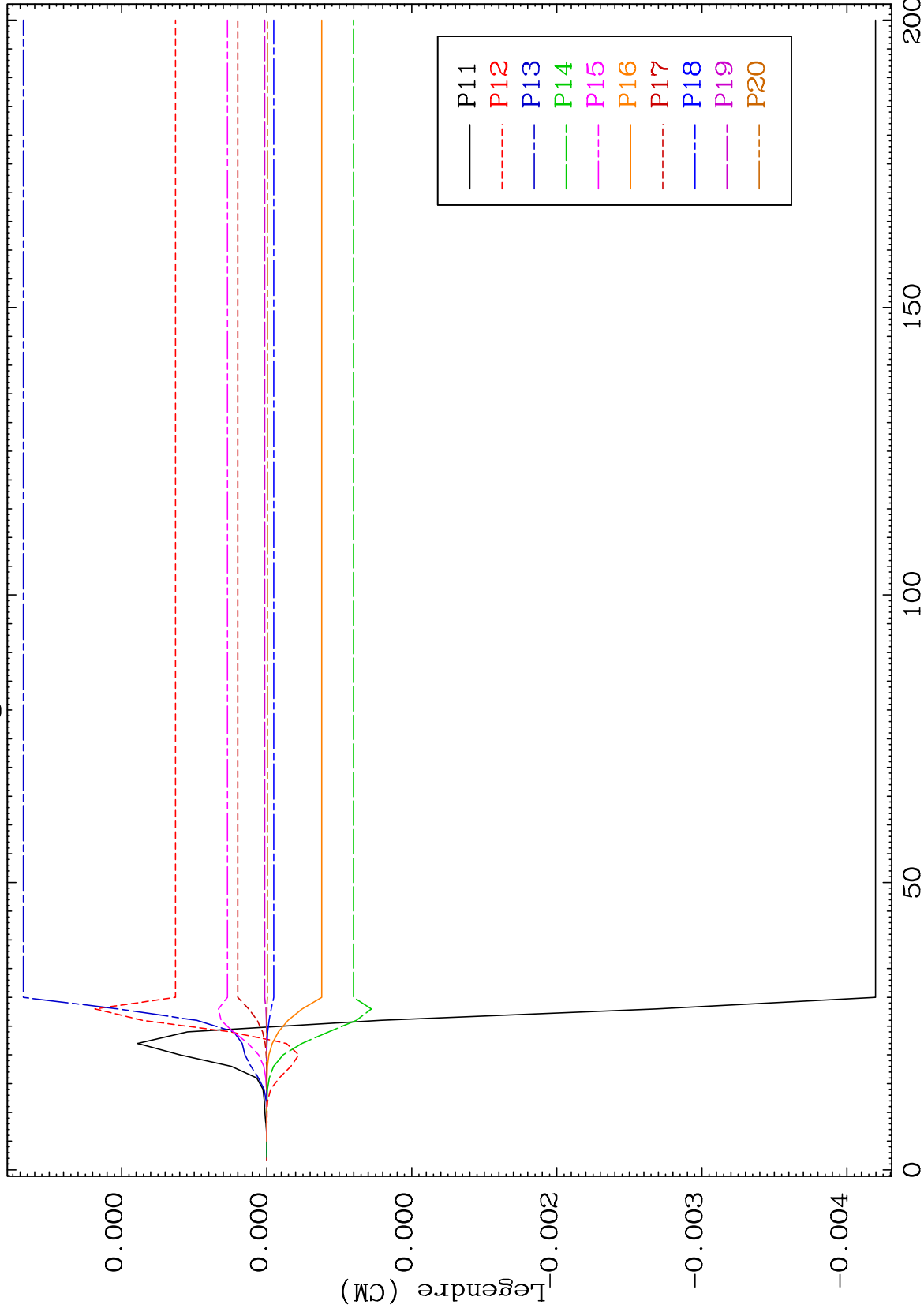
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



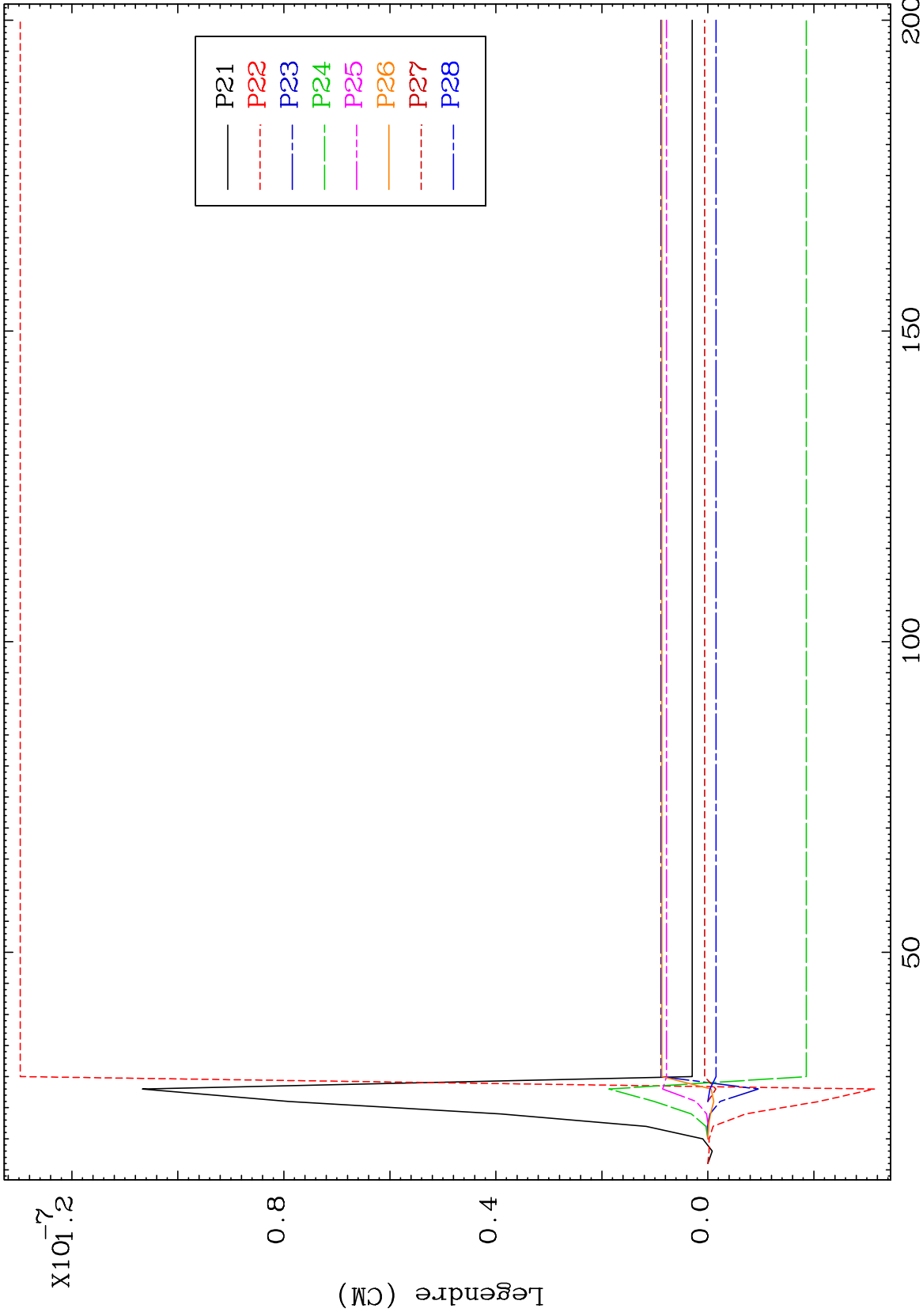
43

84-Po-197

MAT 8398

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

84-Po-197



44

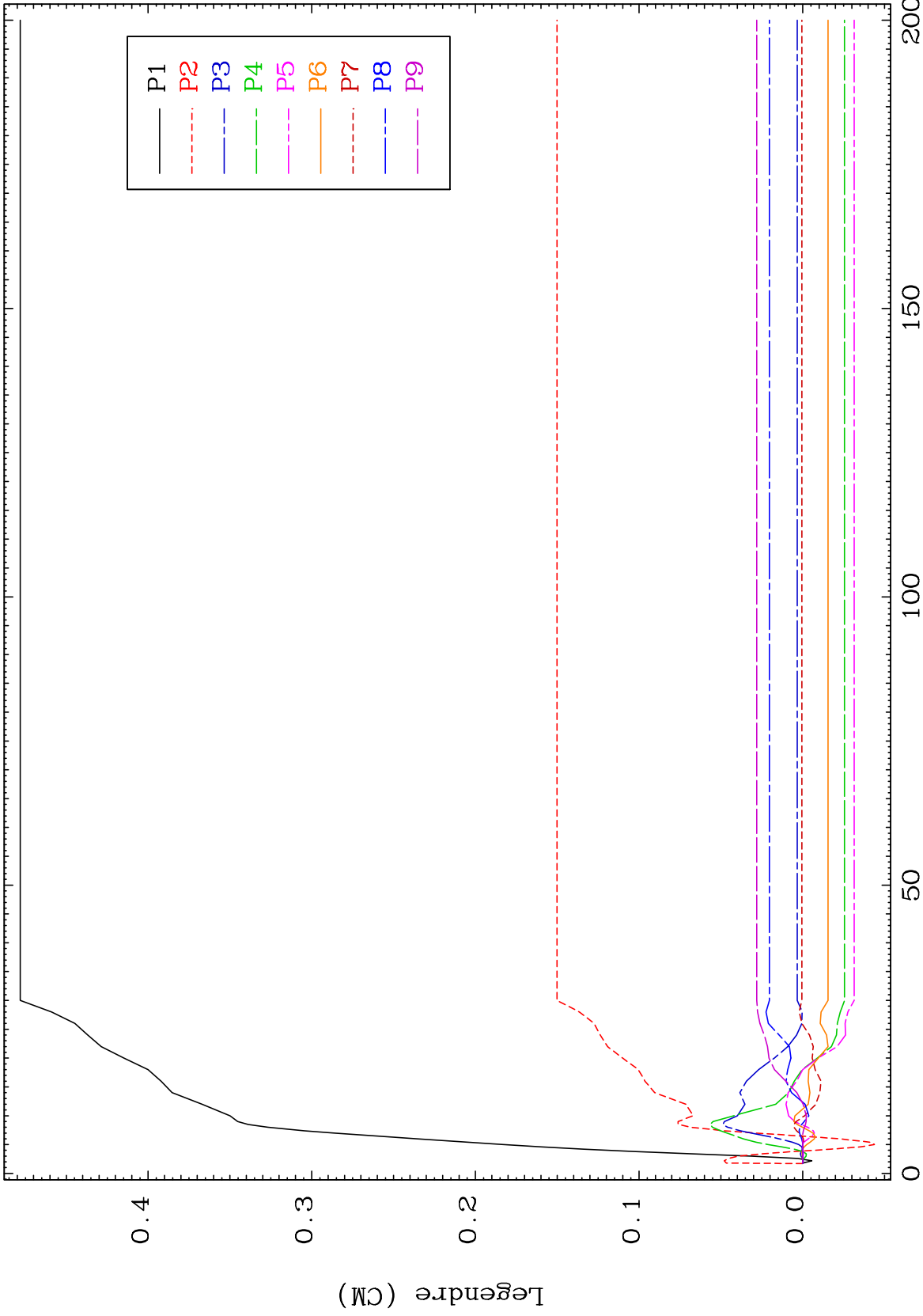
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



45

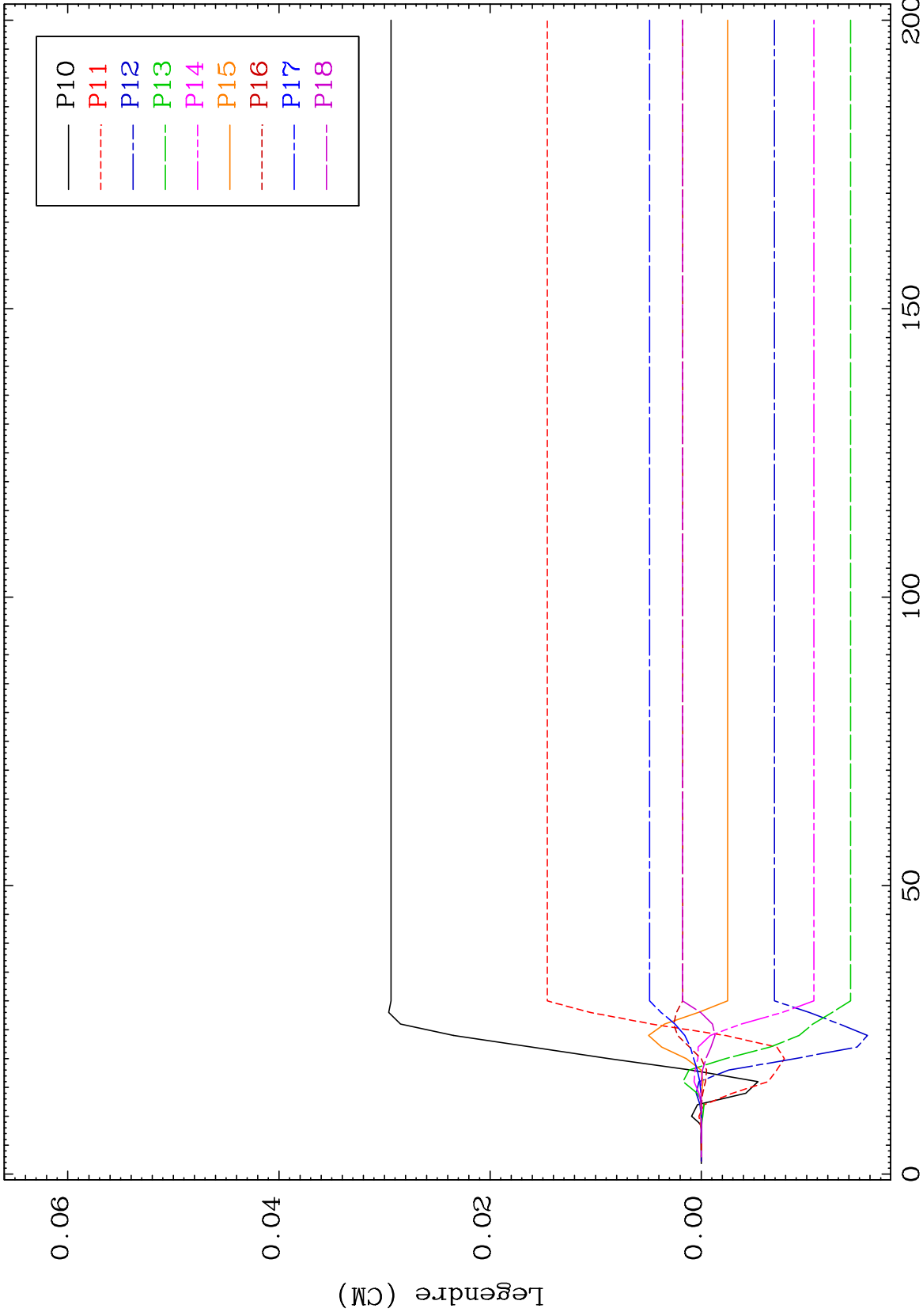
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



46

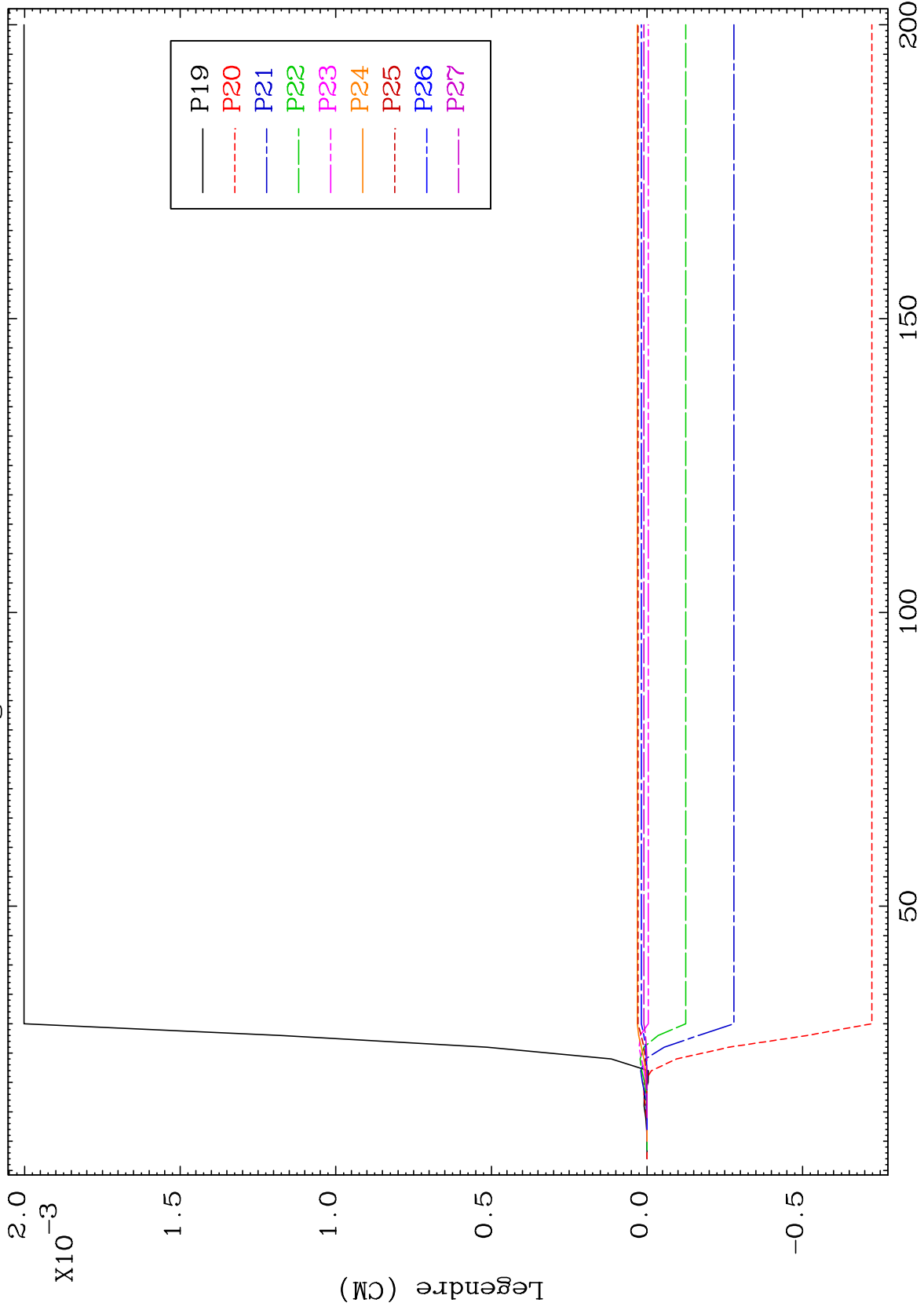
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



47

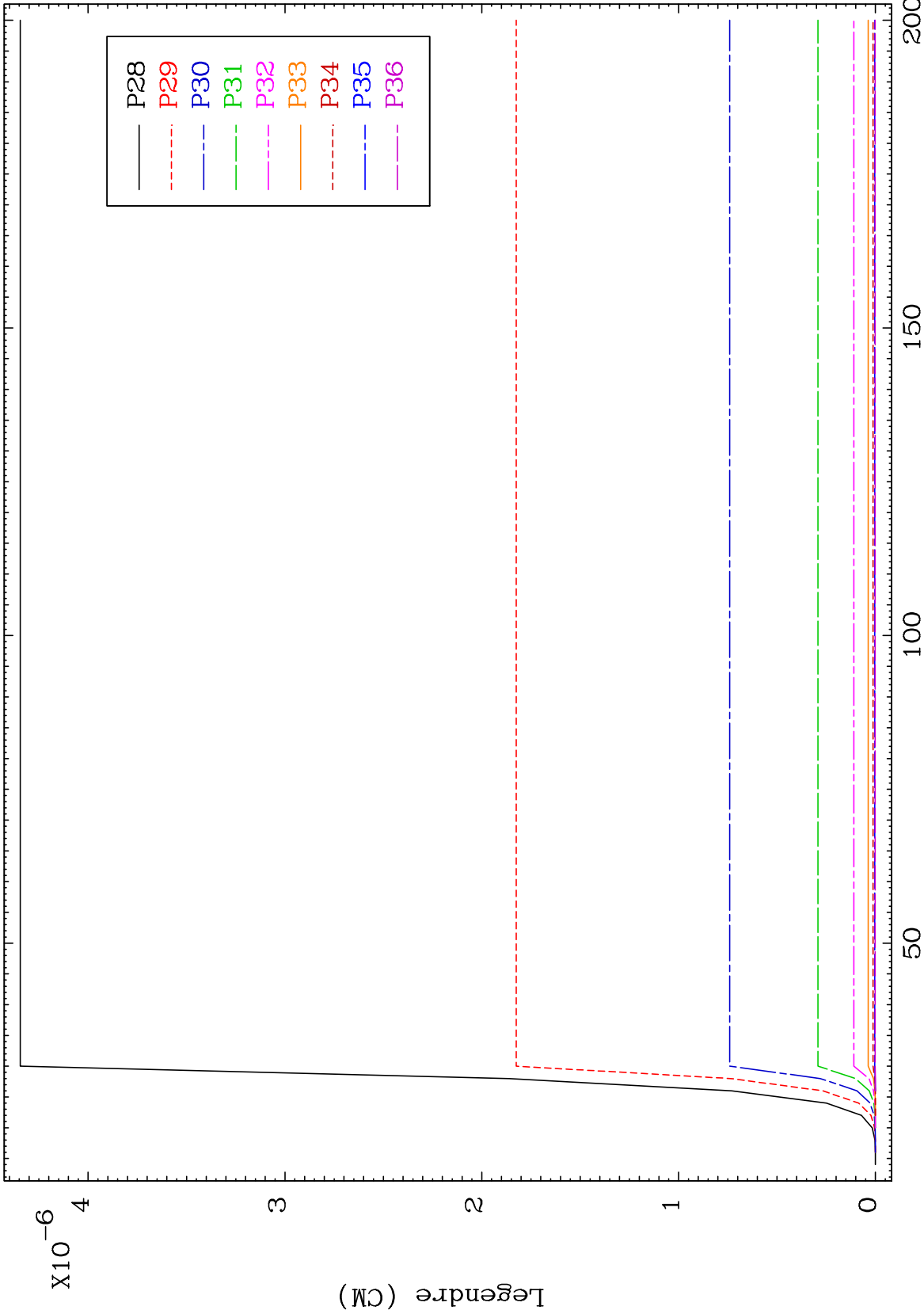
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



48

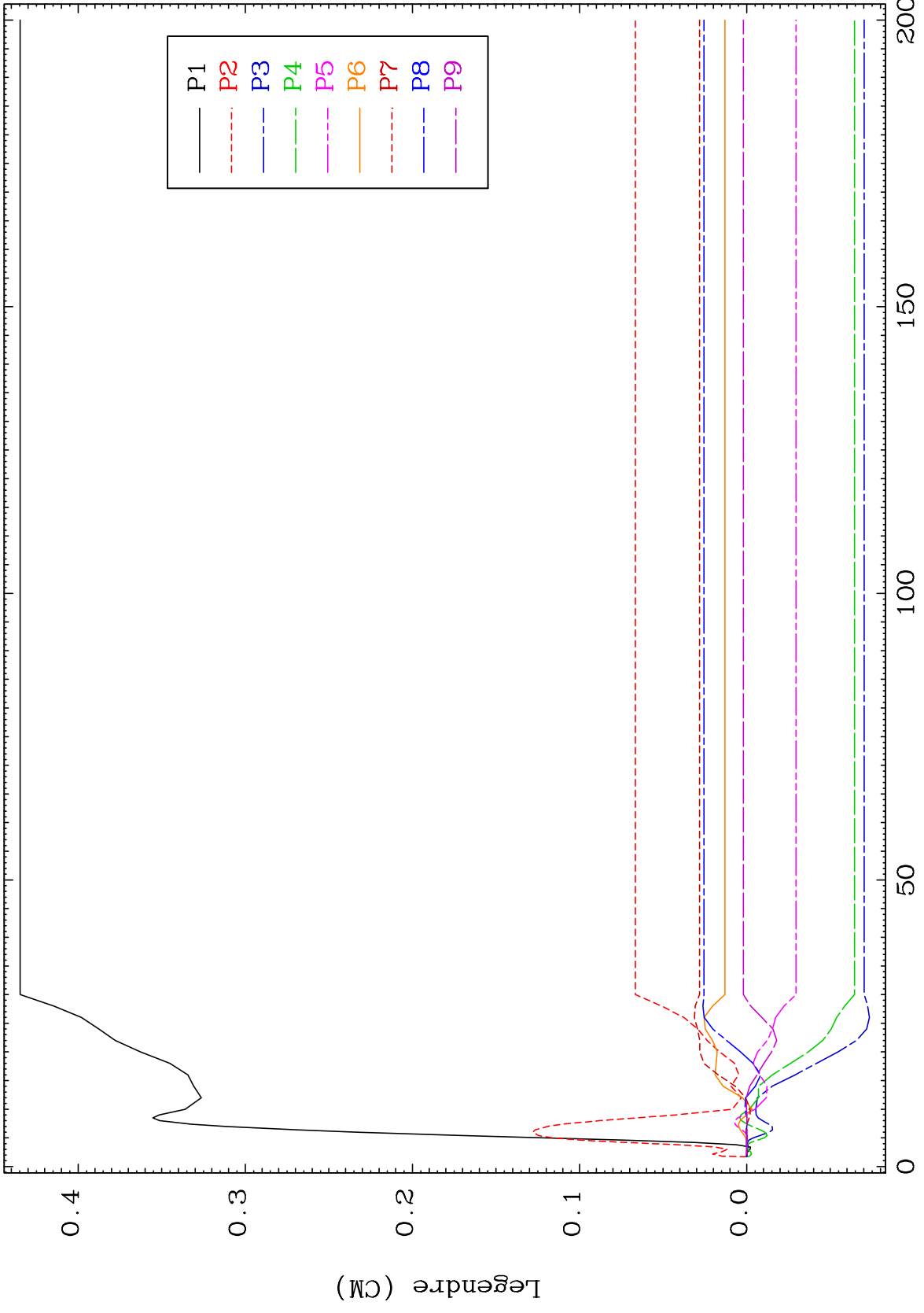
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



49

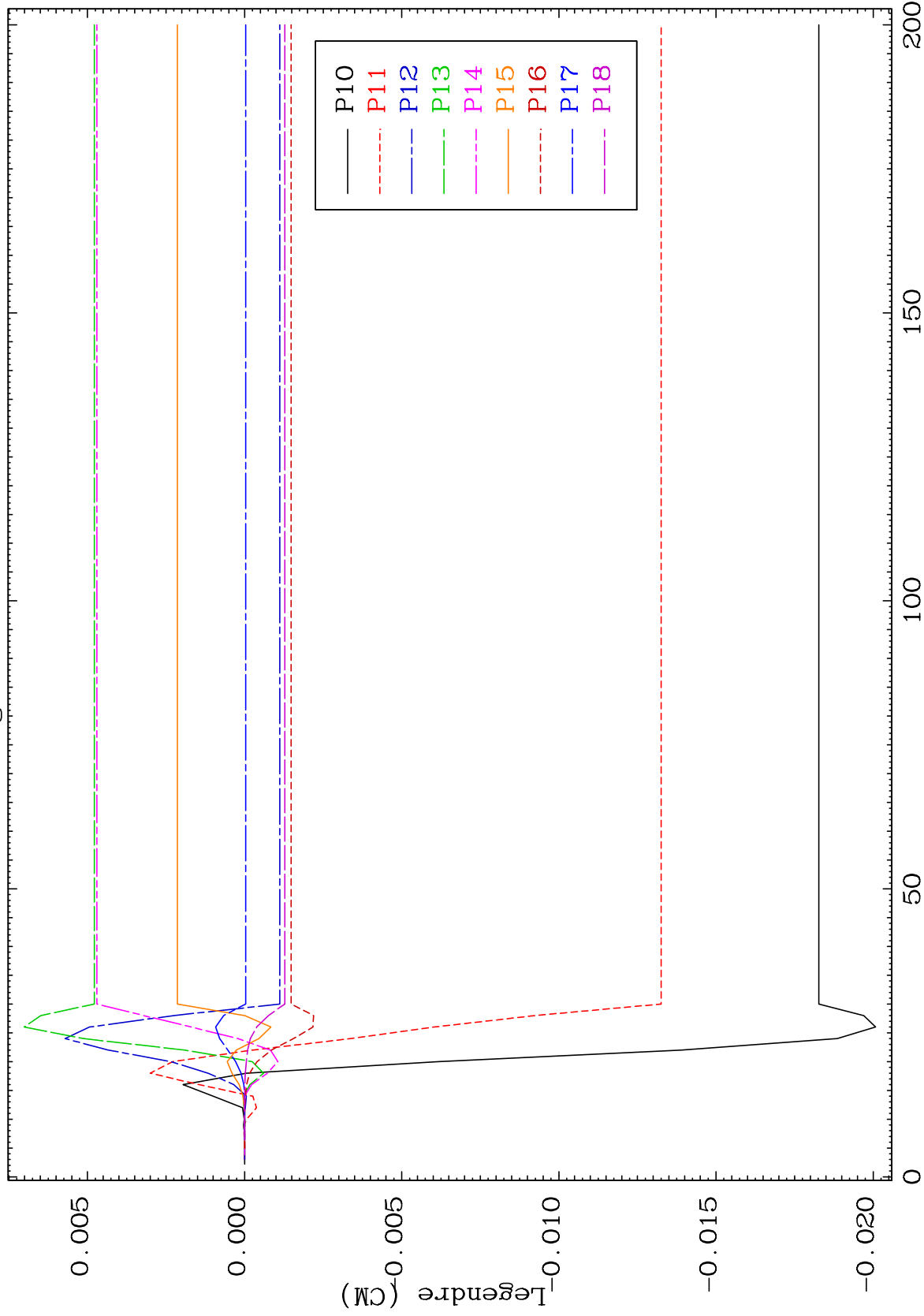
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



50

Incident Energy (MeV)

100

84-Po-197

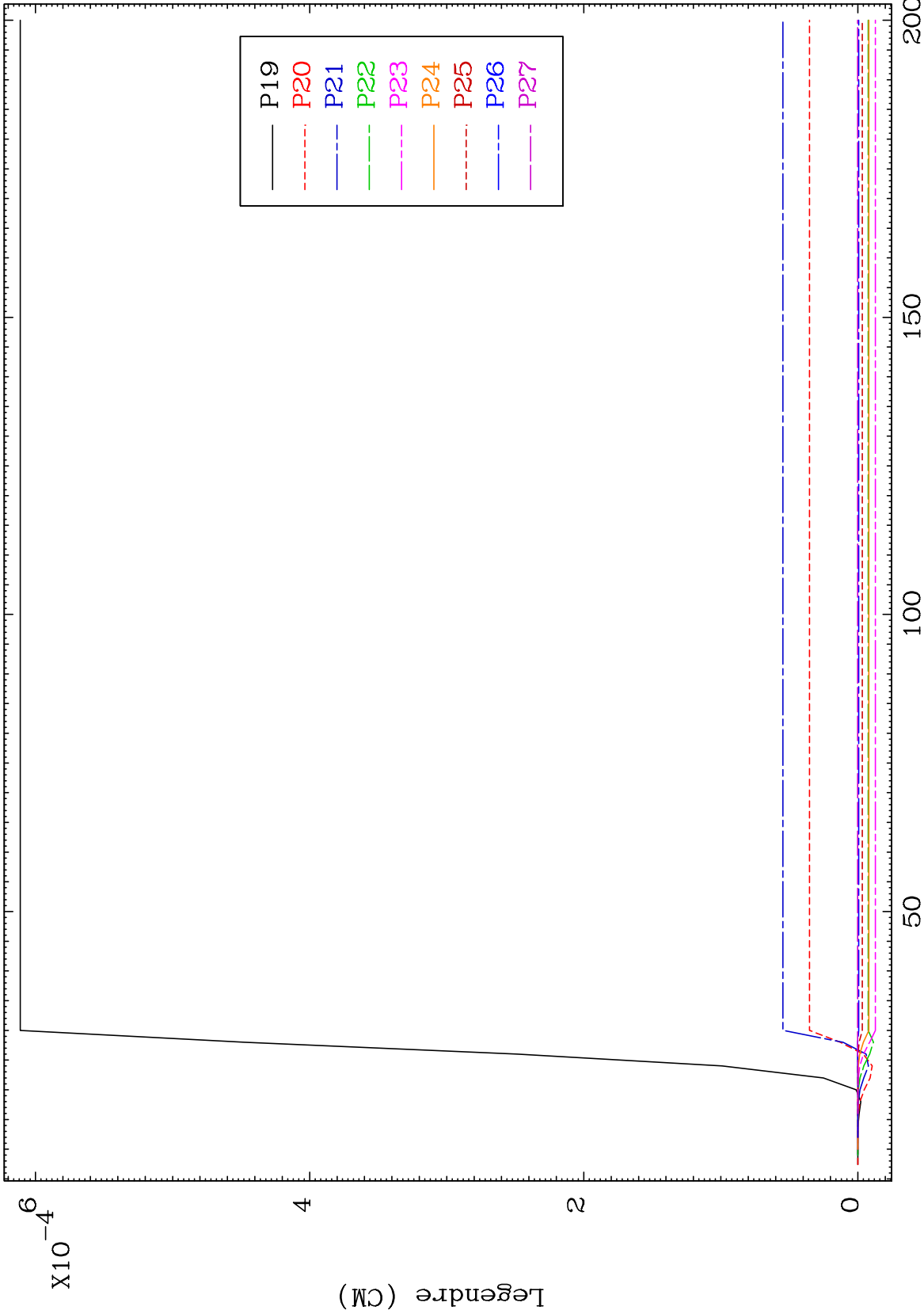
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200

MAT 8398

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

84-Po-197



51

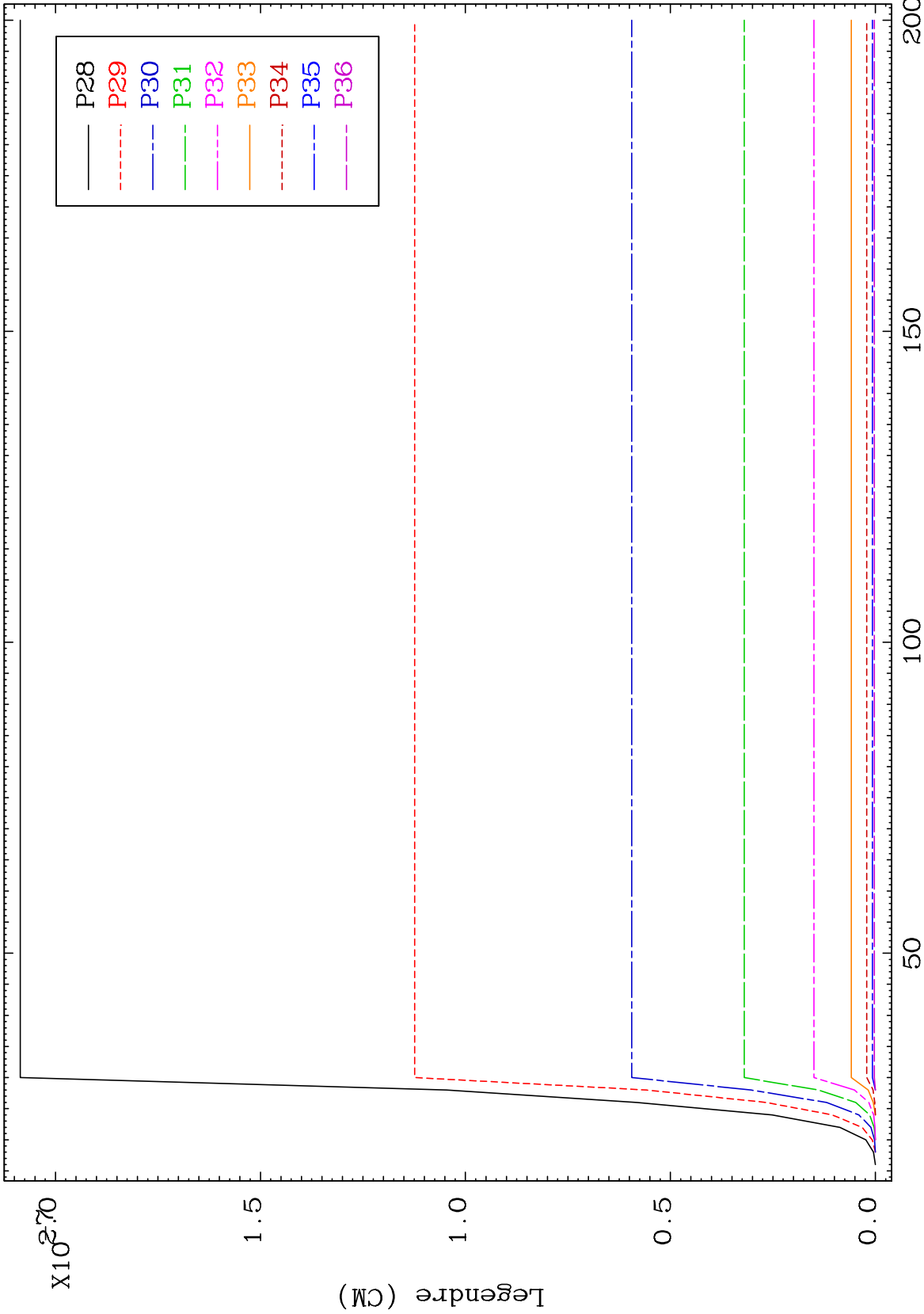
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



52

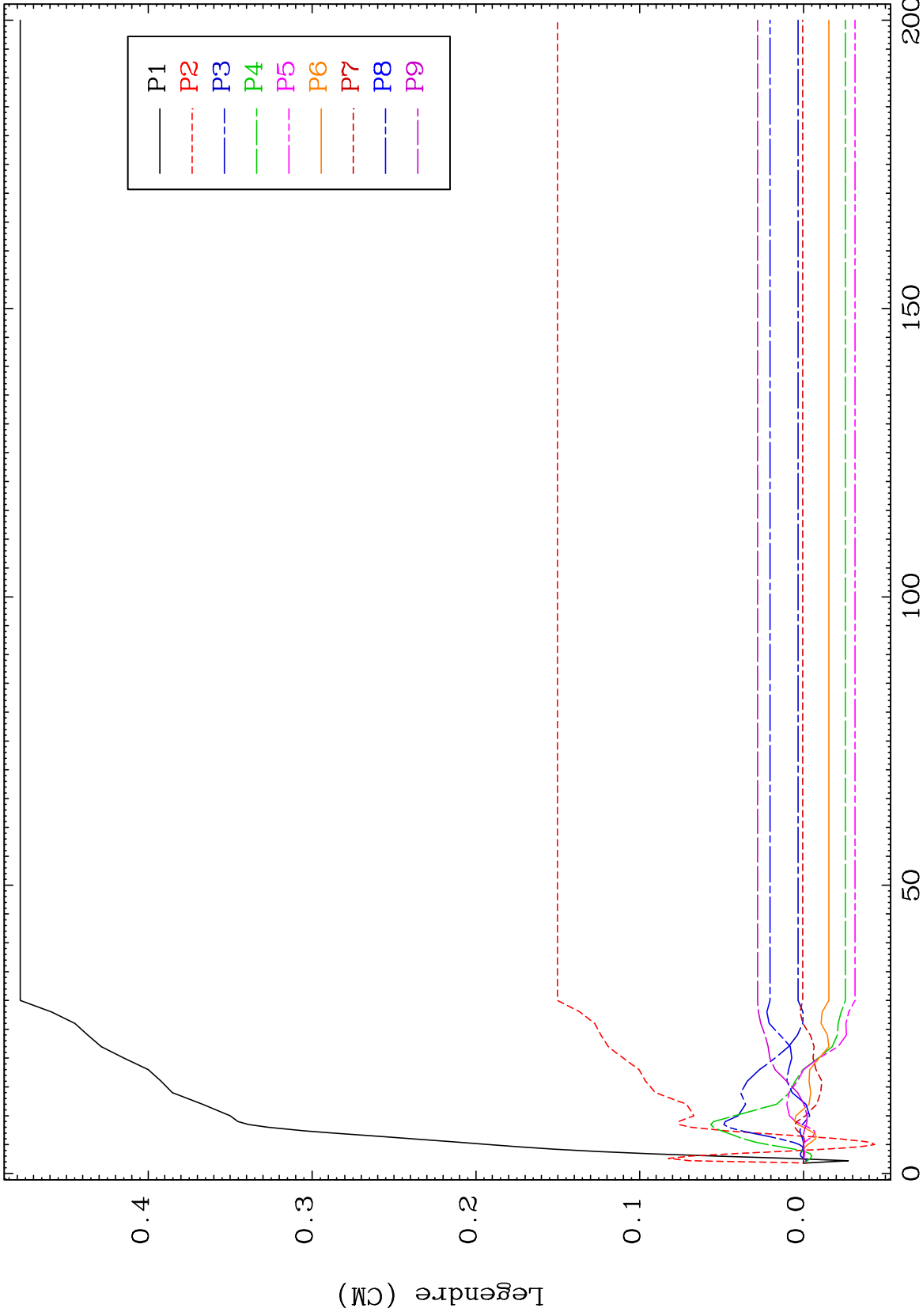
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



53

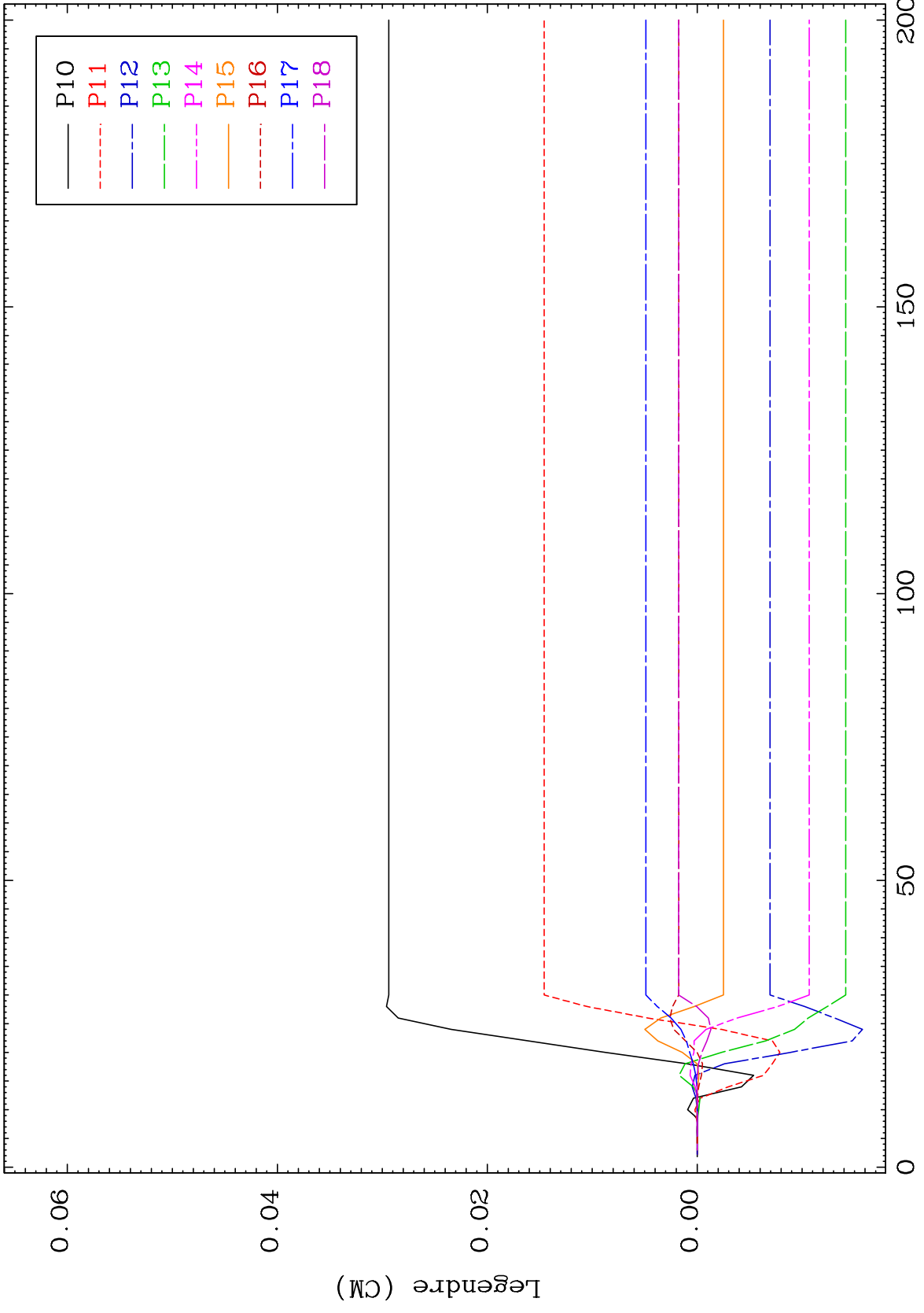
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



54

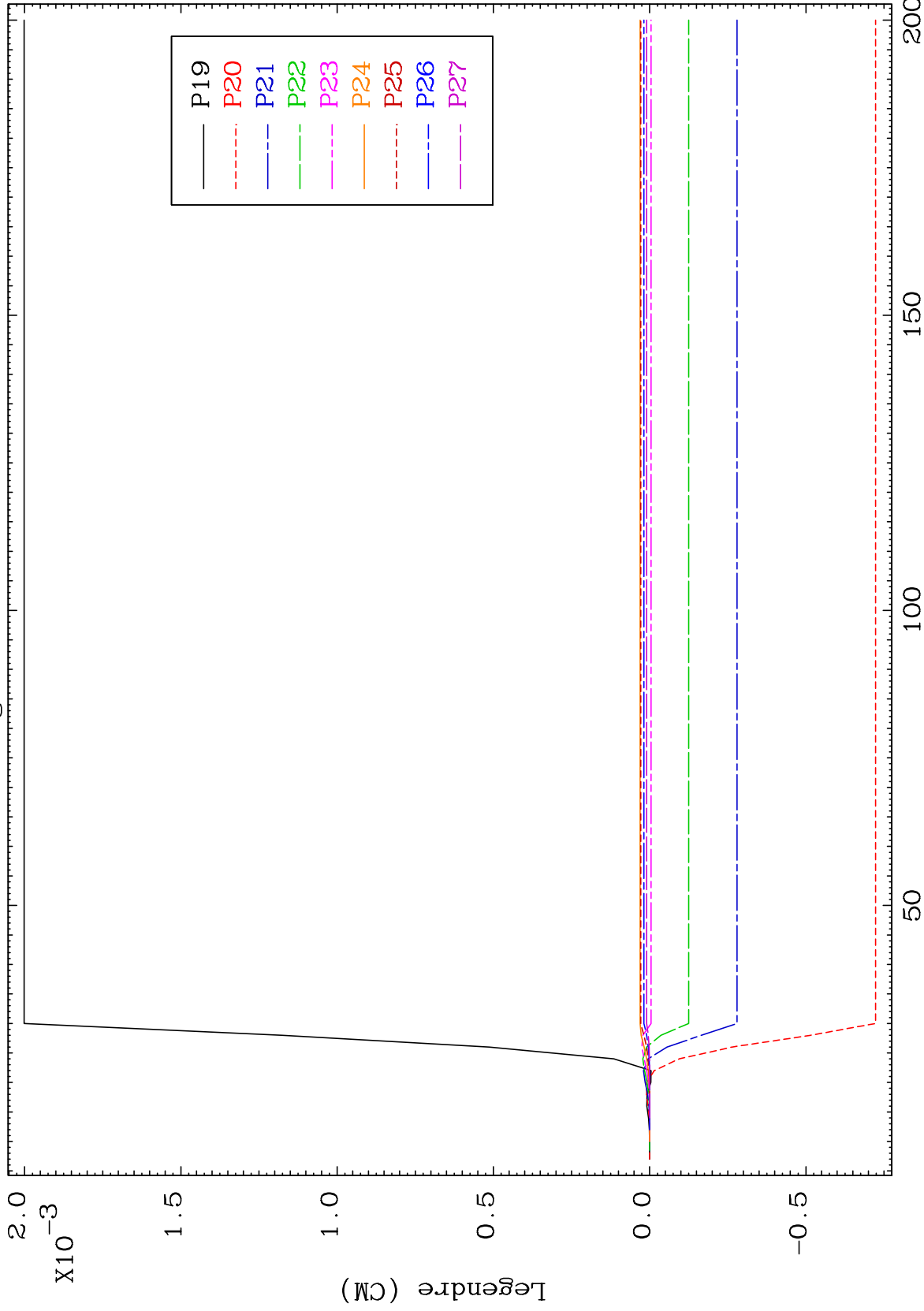
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



55

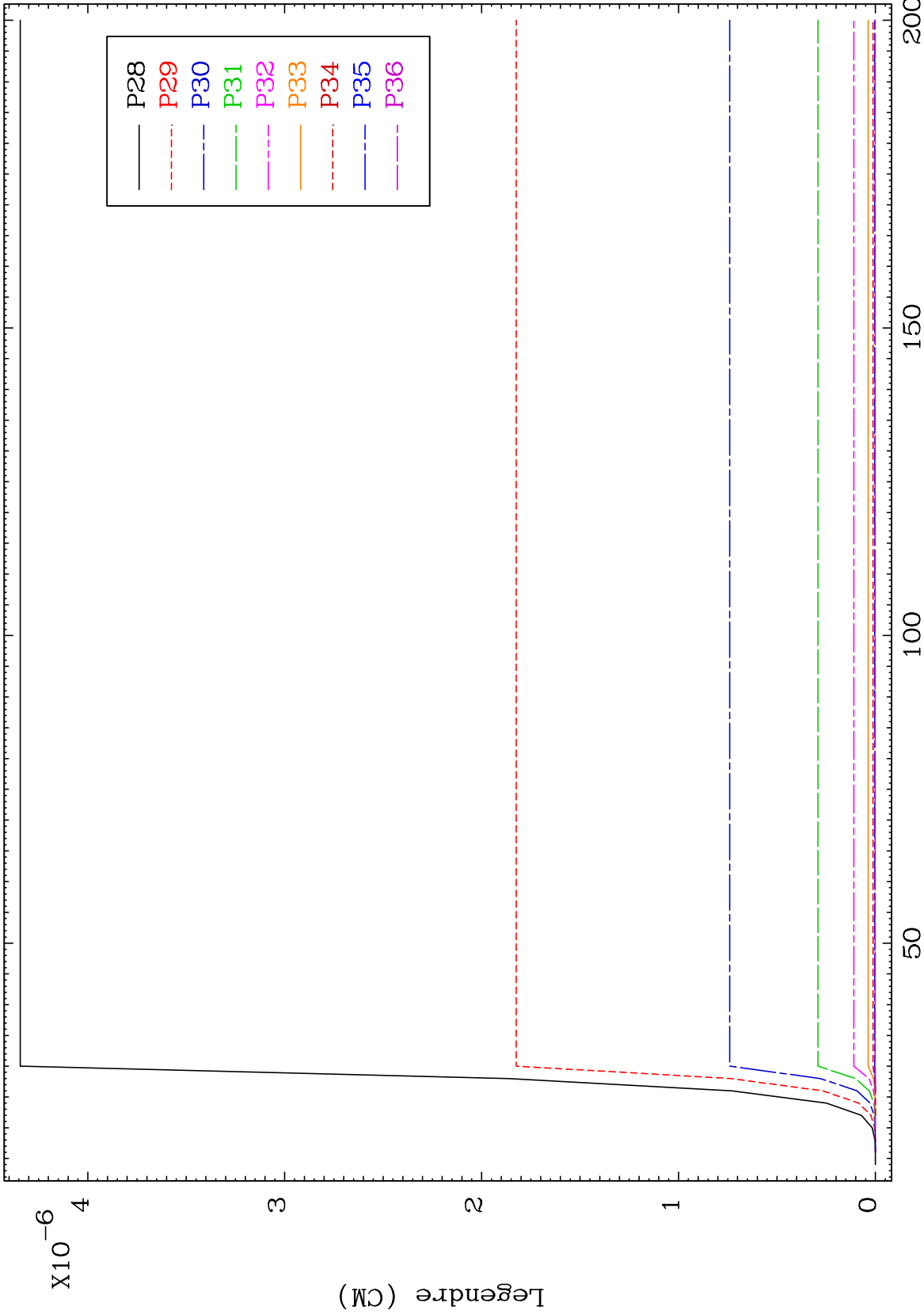
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



56

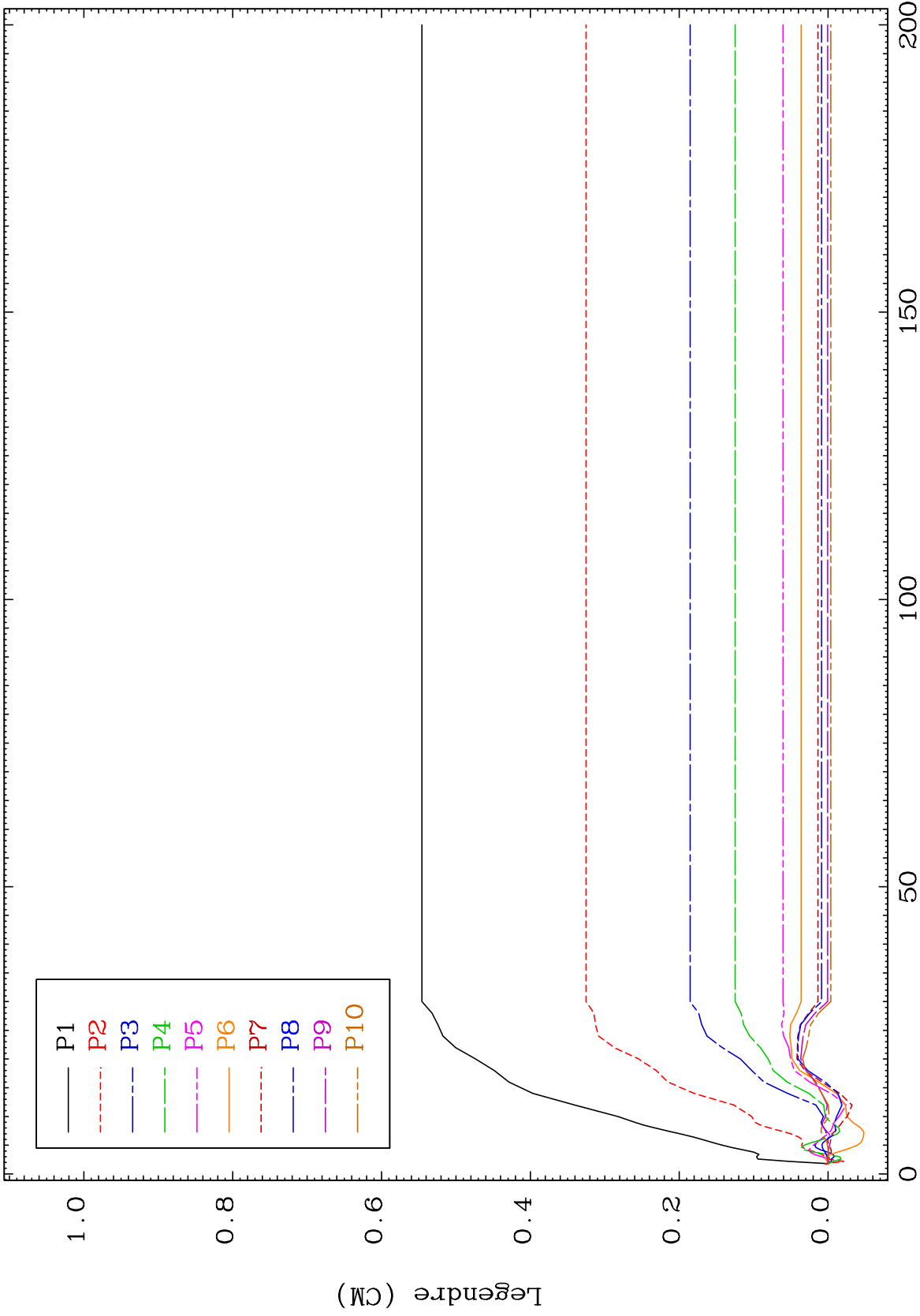
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



57

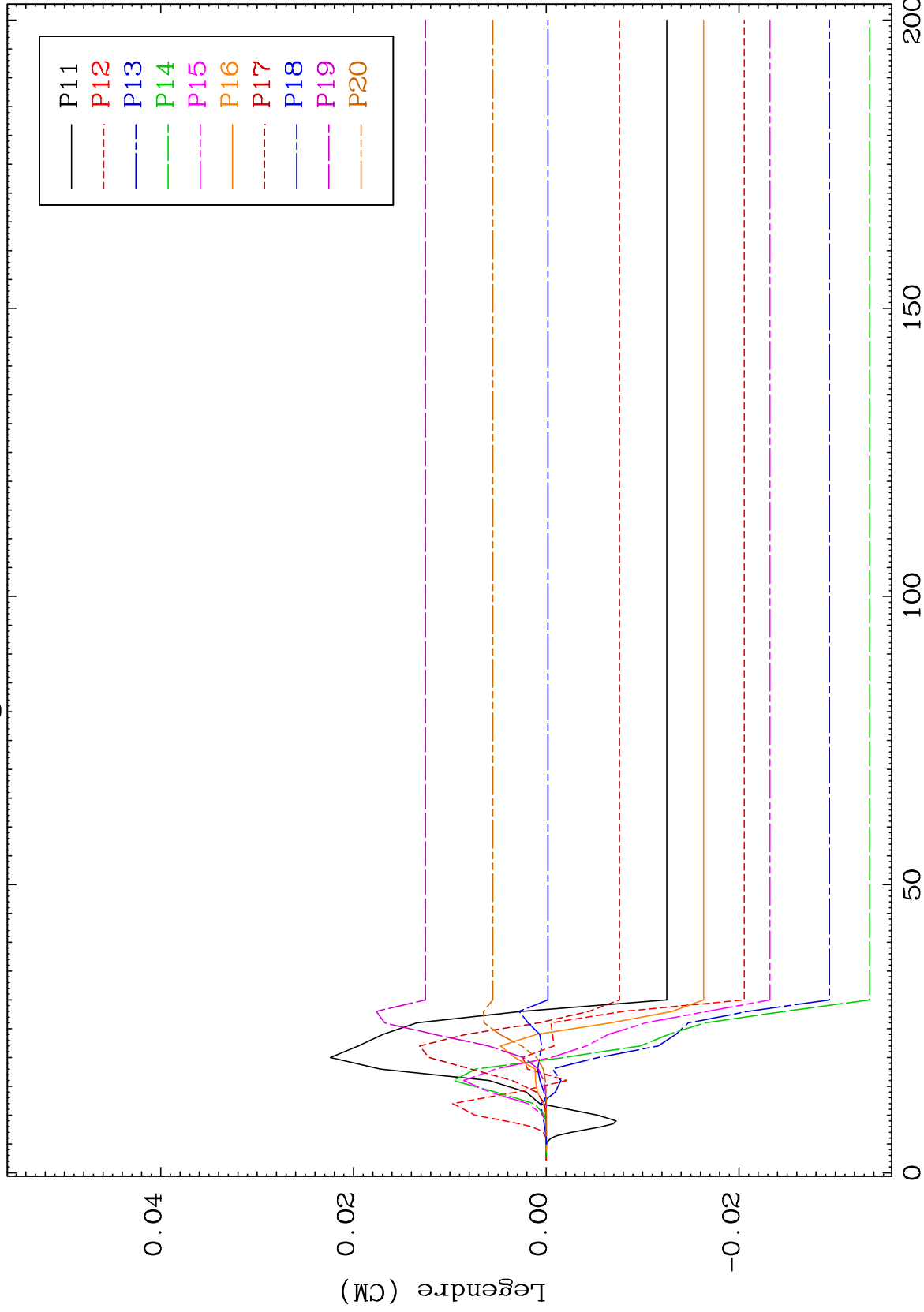
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



58

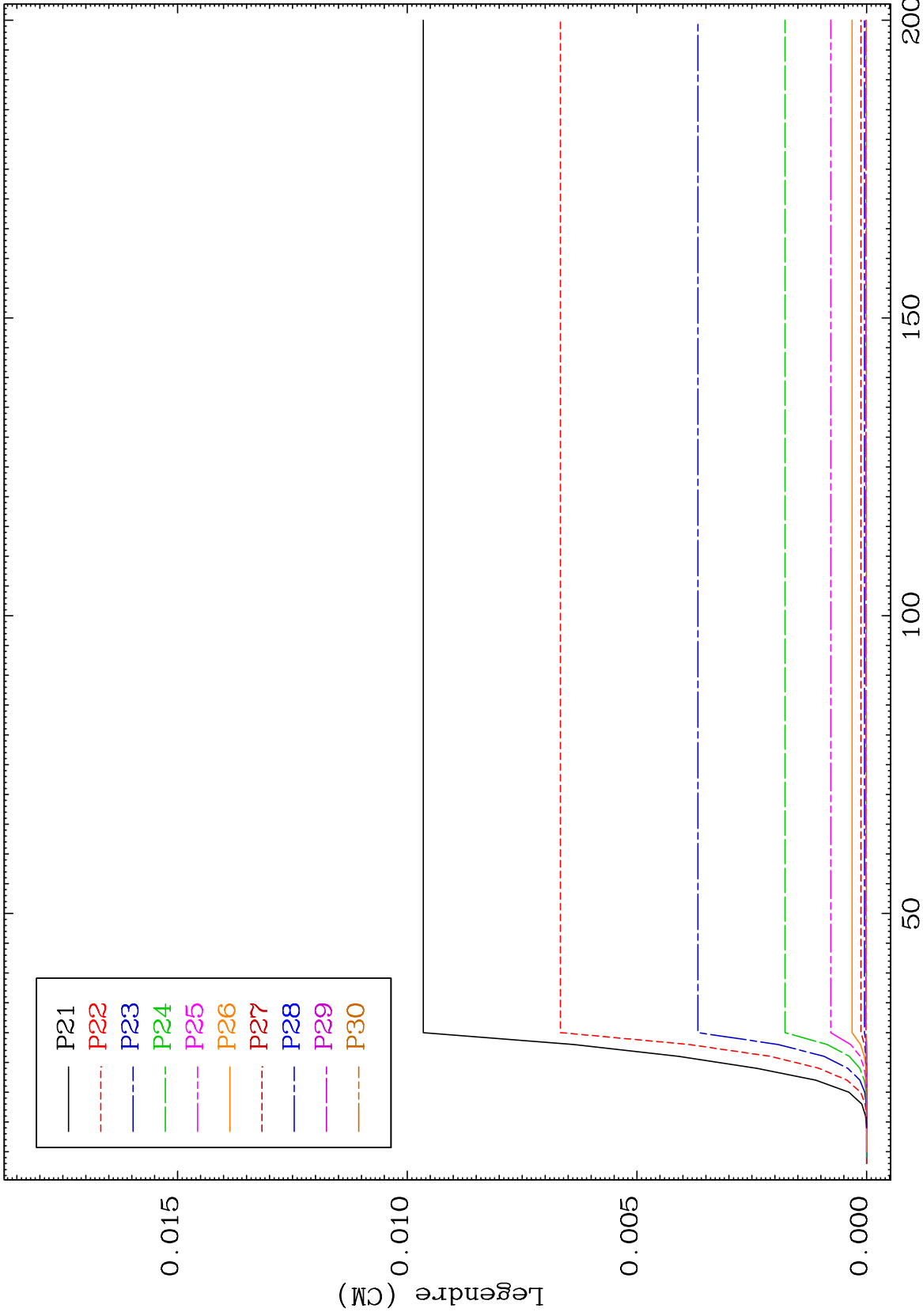
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



59

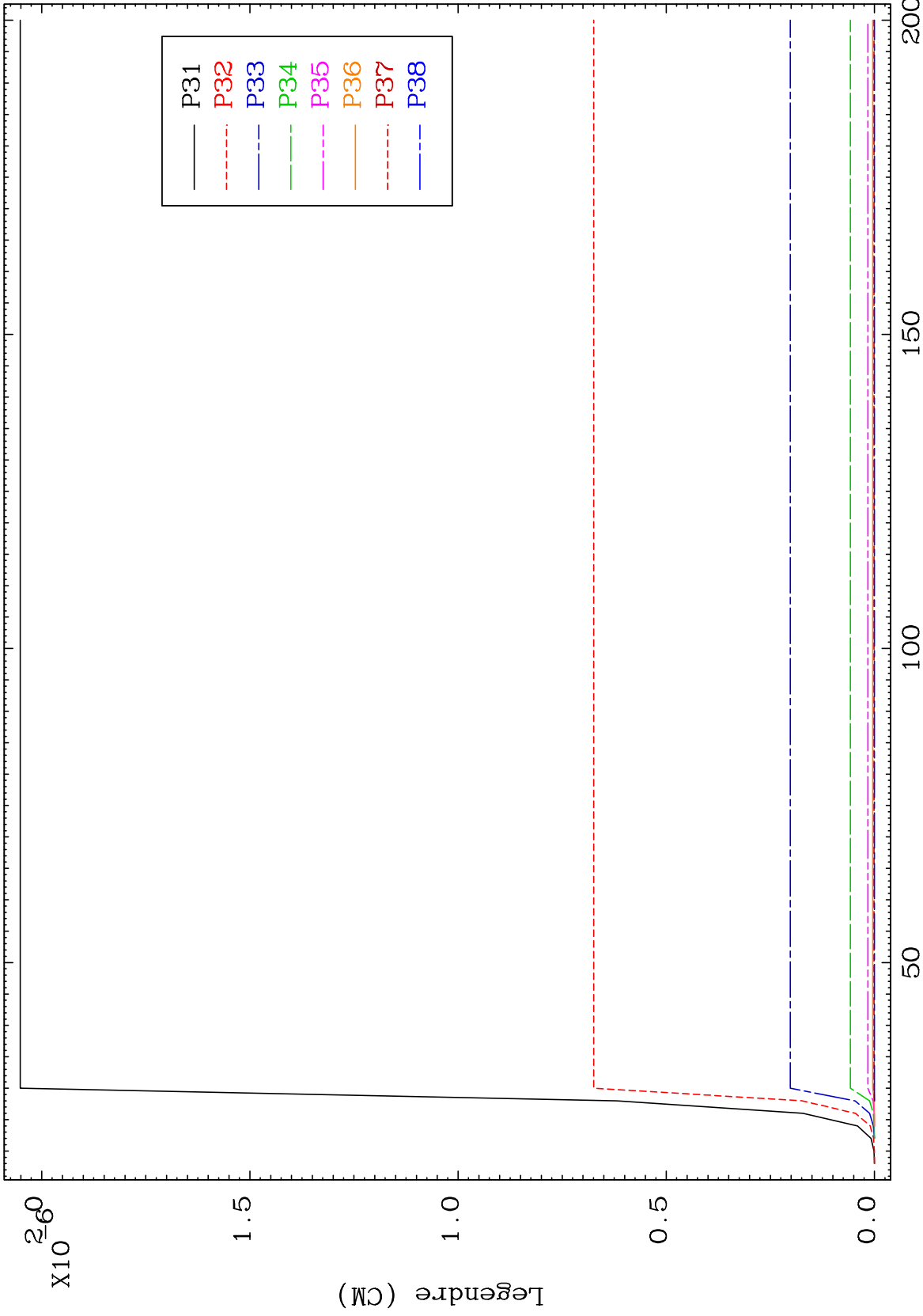
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



60

Incident Energy (MeV)

150

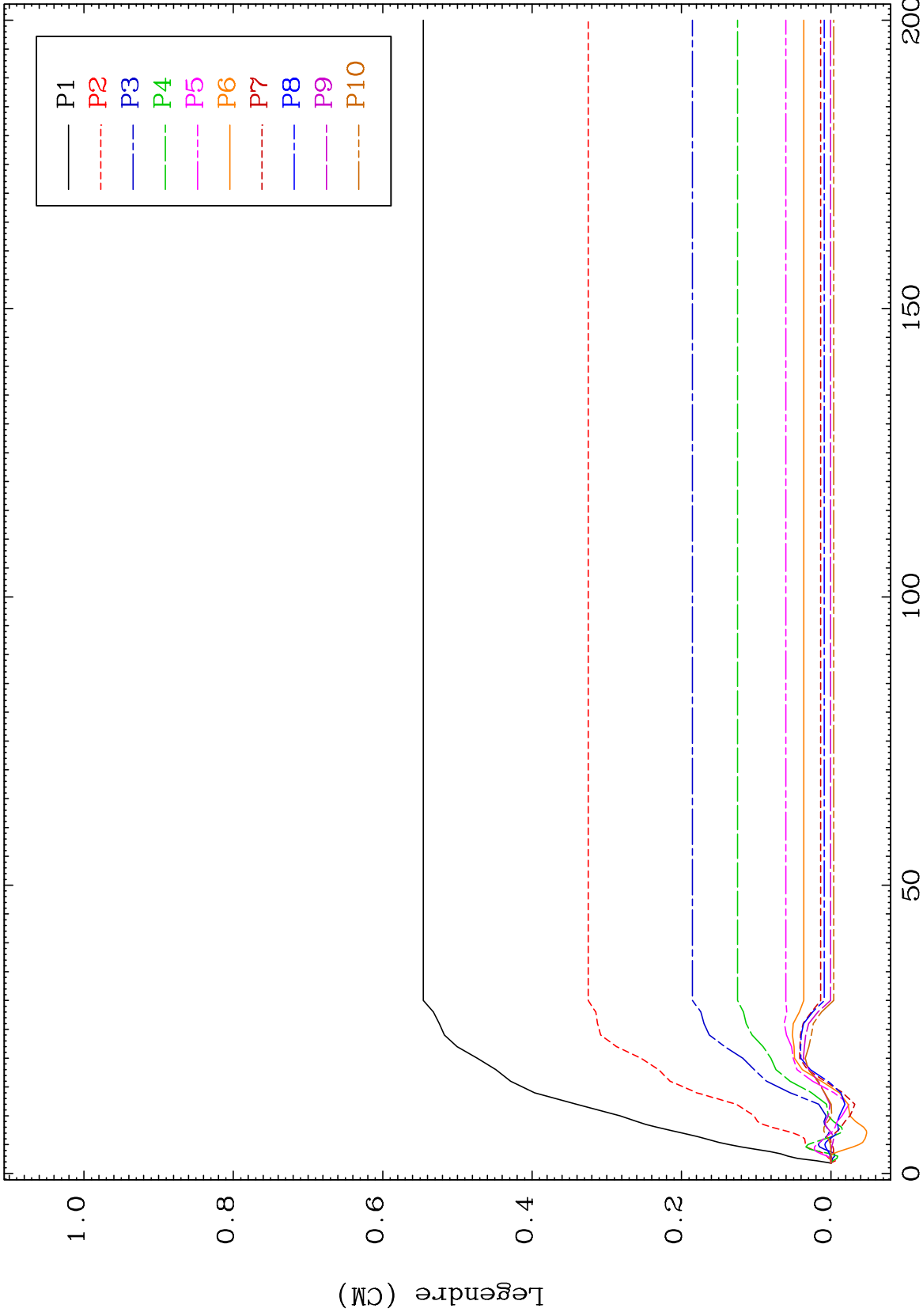
200

84-Po-197

MAT 8398

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

84-Po-197



61

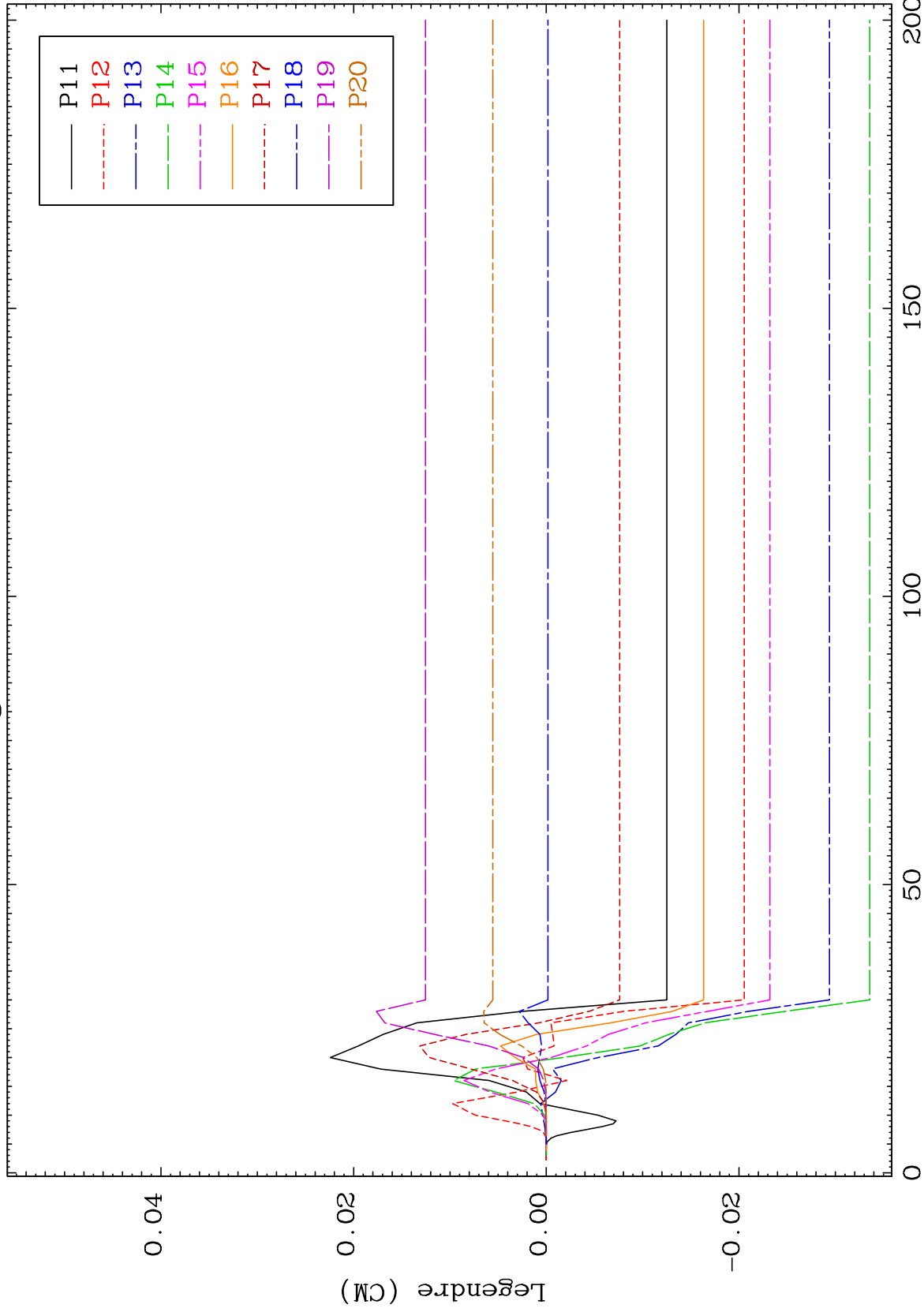
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



62

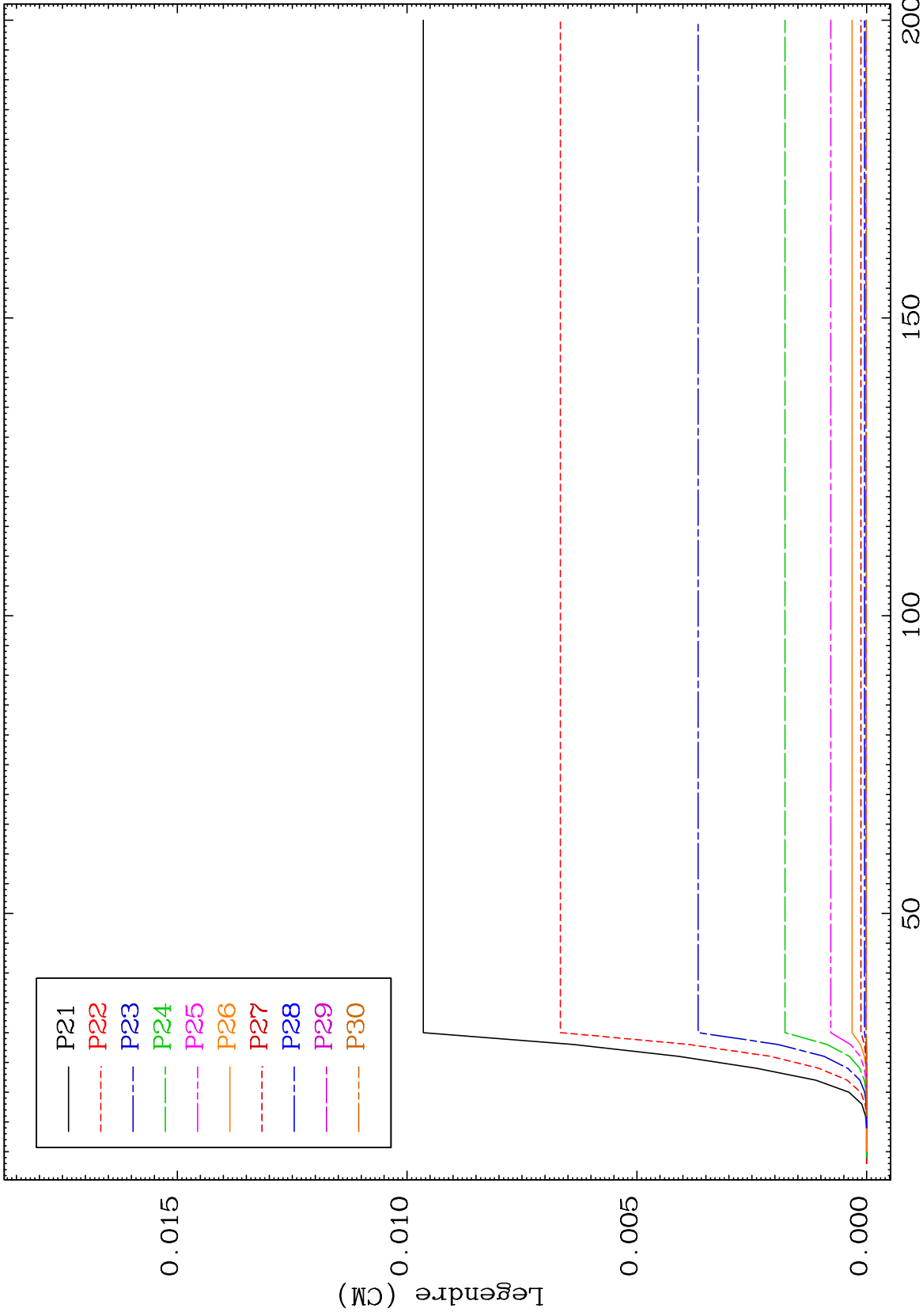
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



63

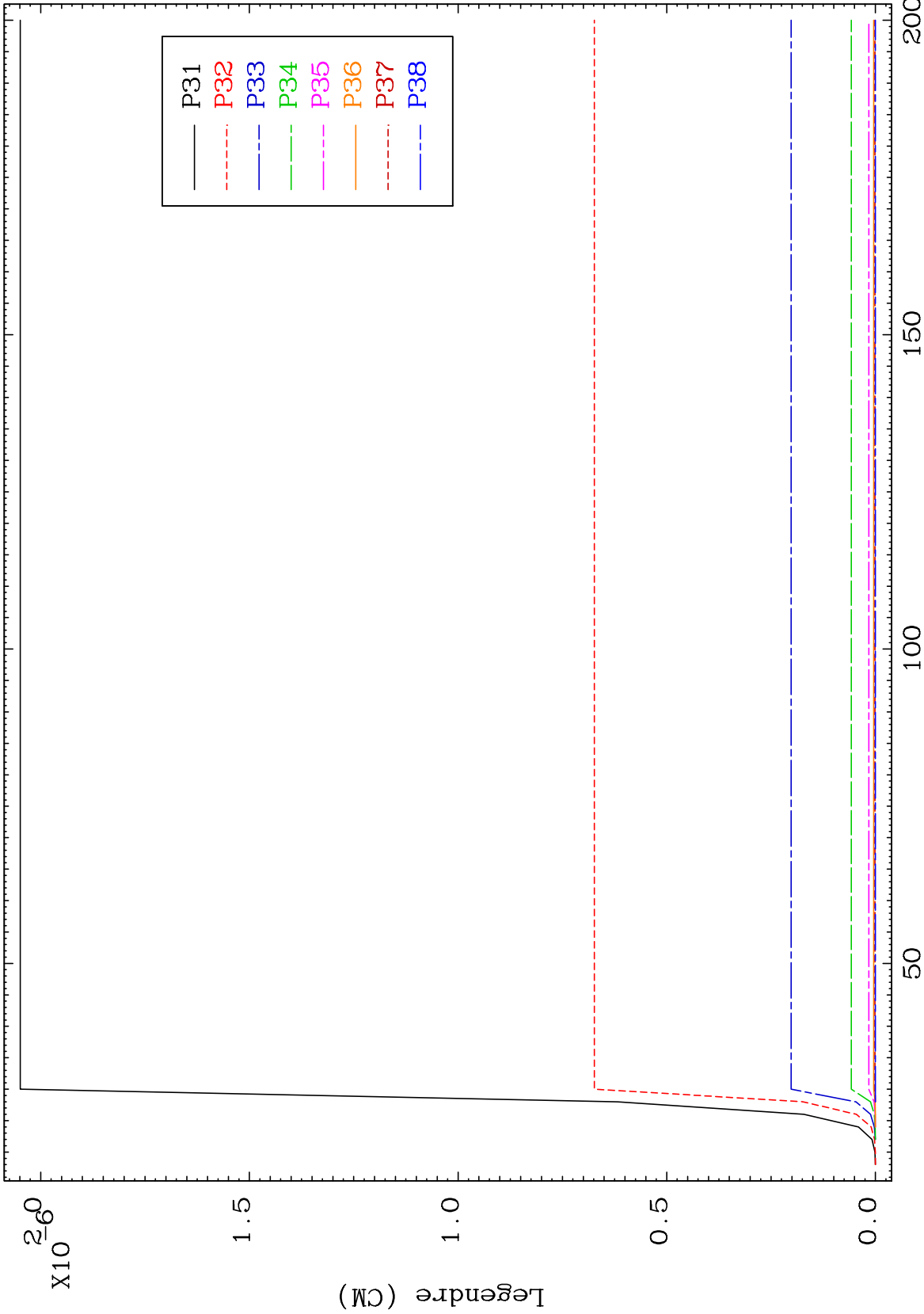
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



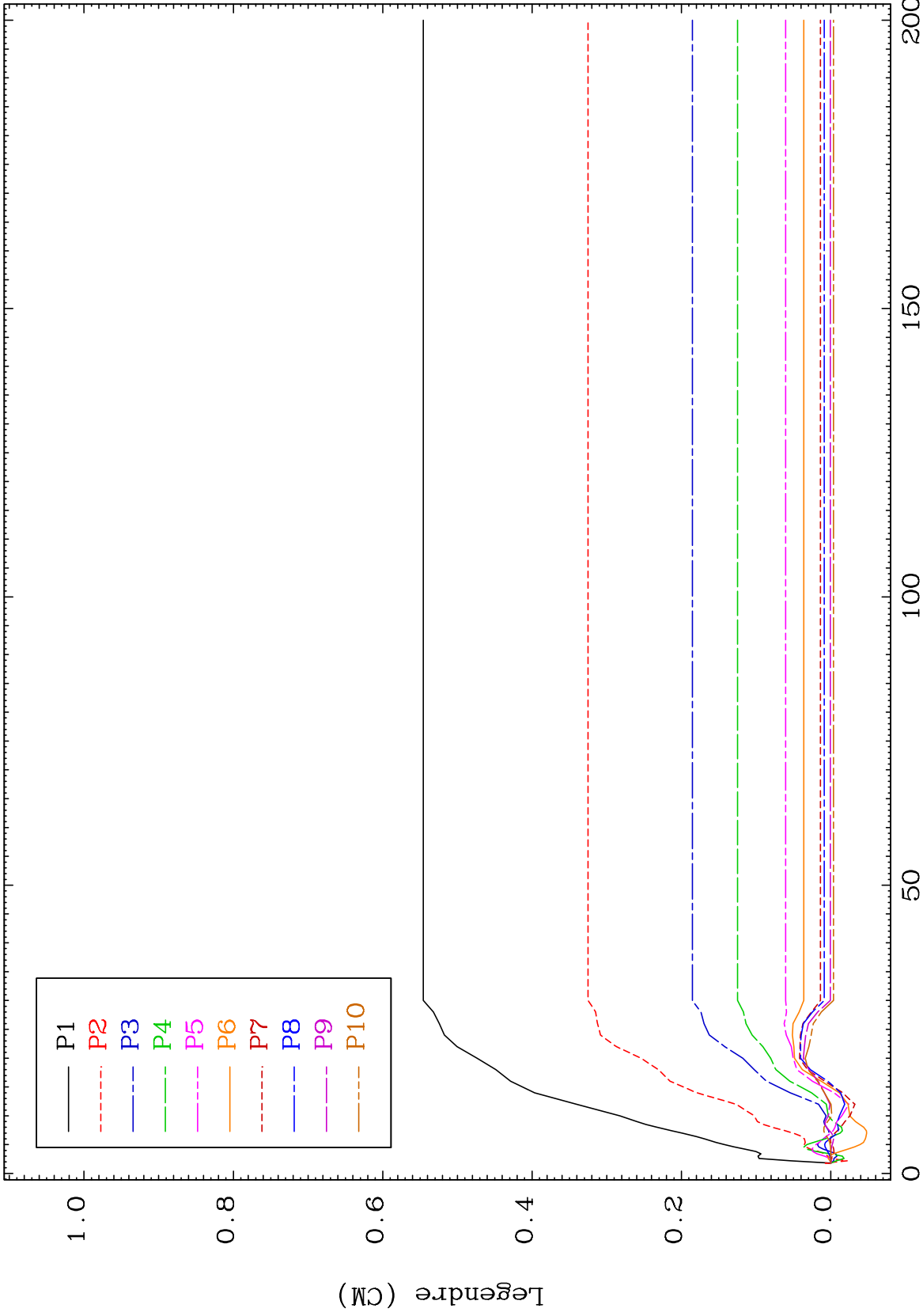
64

84-Po-197

MAT 8398

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

84-Po-197



65

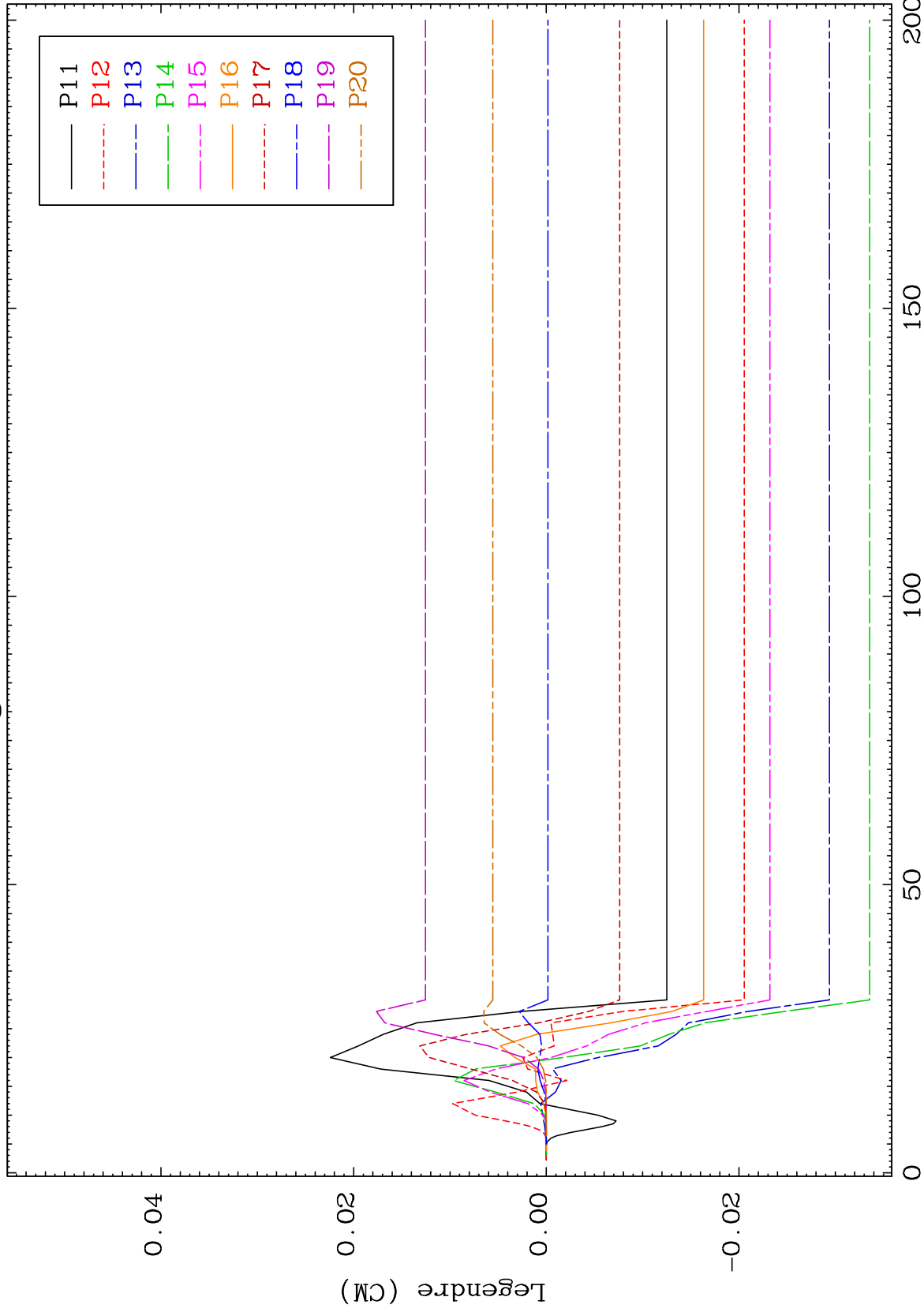
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



66

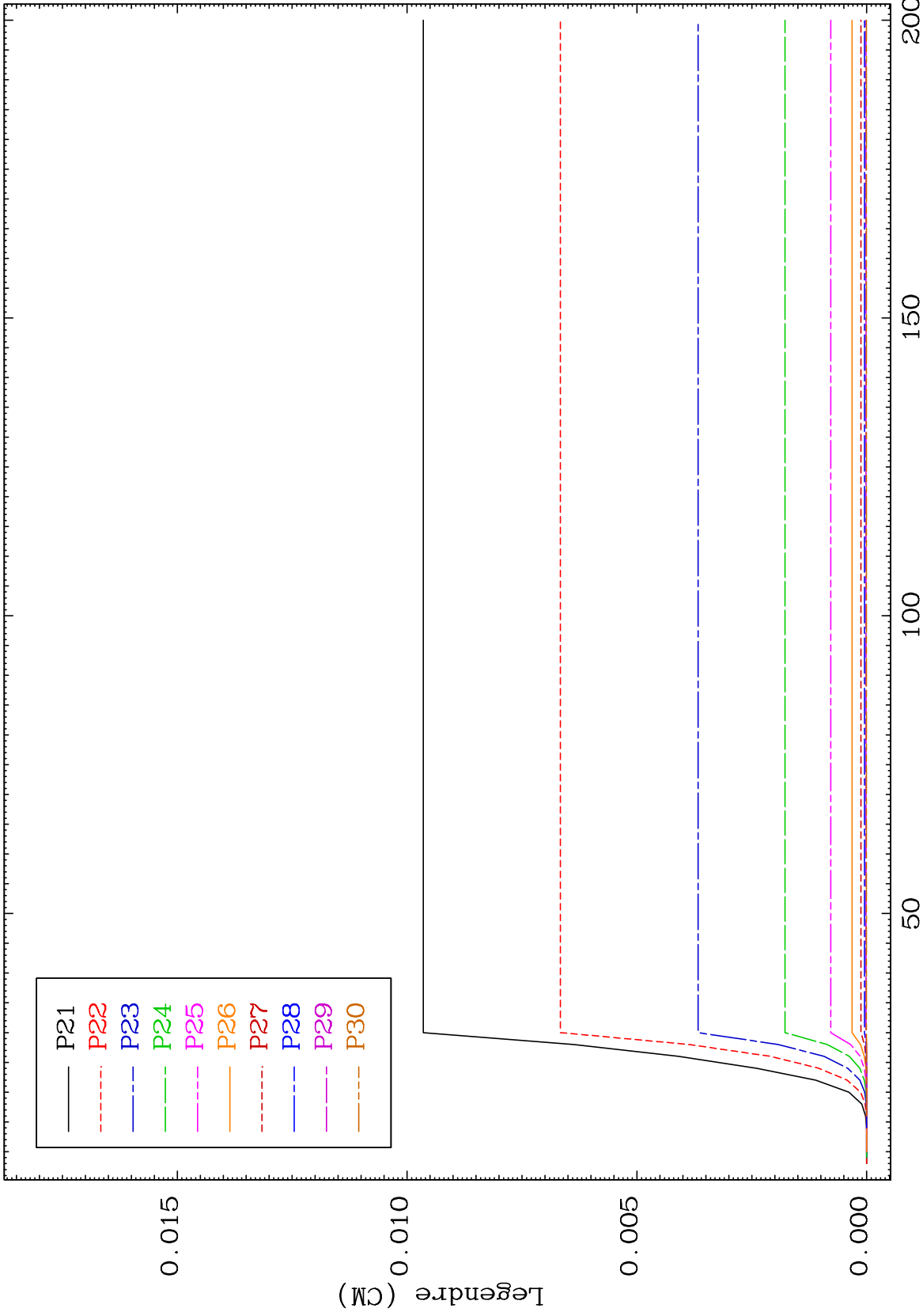
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



67

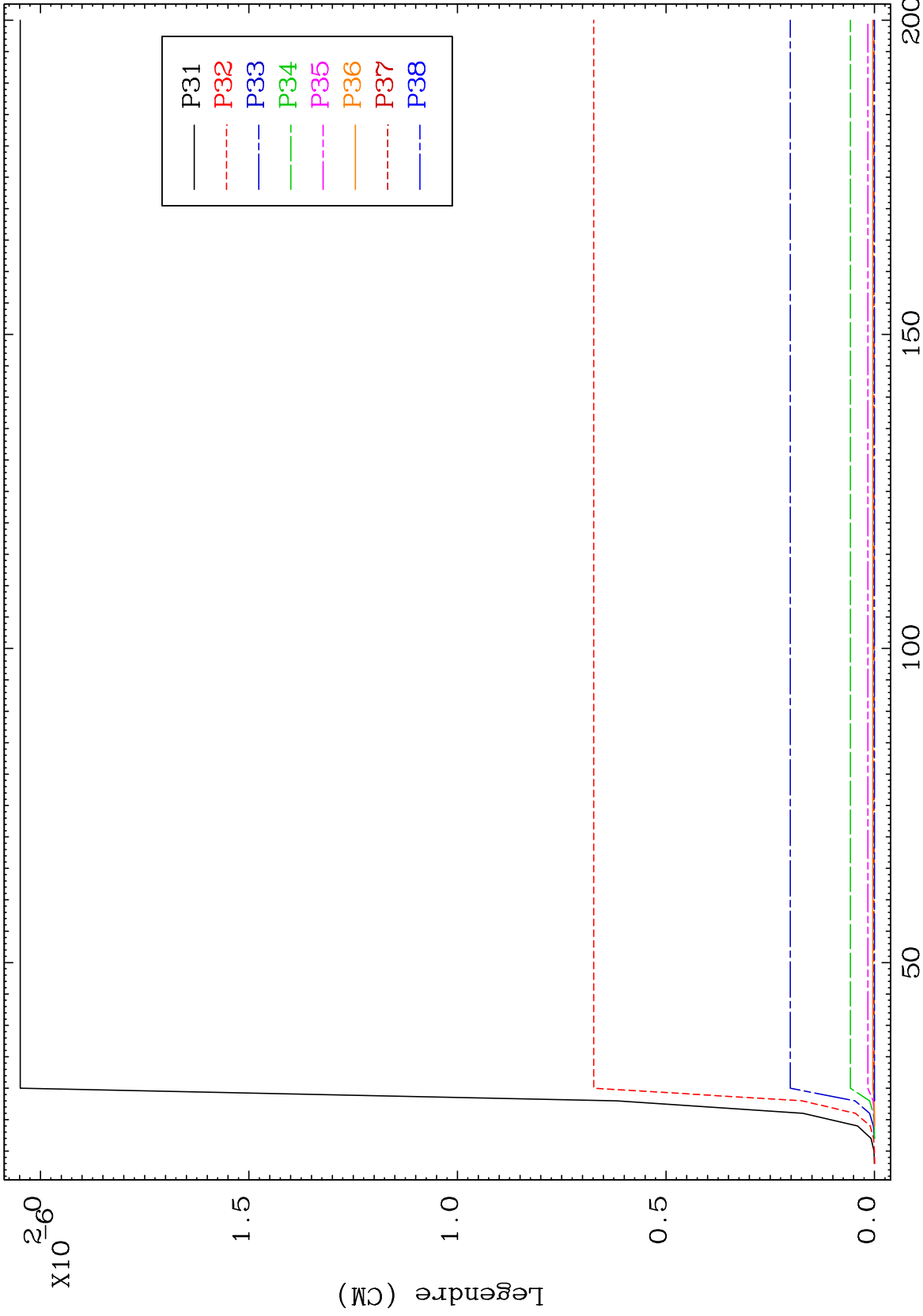
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



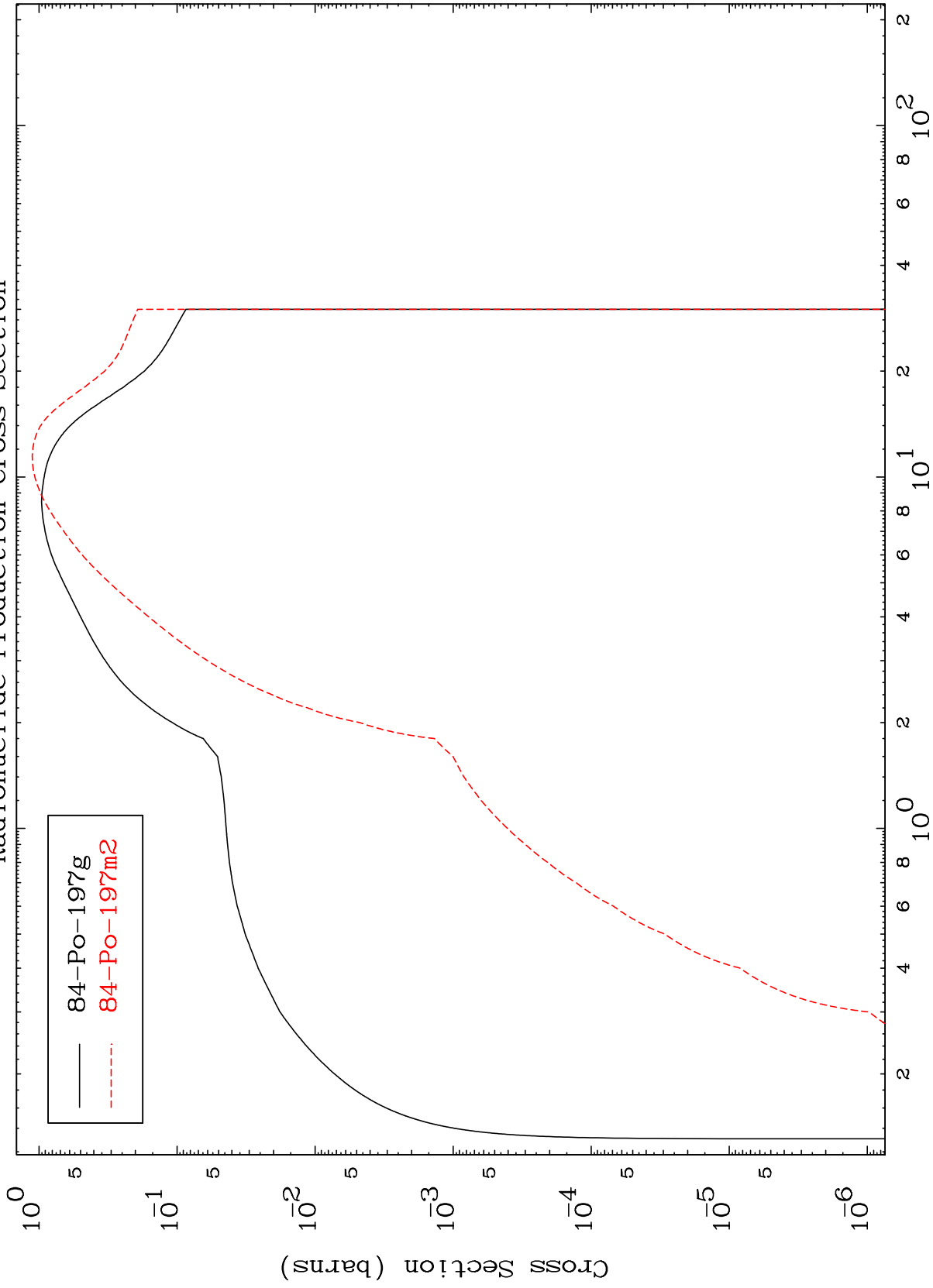
68

84-Po-197

MAT 8398

84-Po-197

Inelastic Radionuclide Production Cross Section



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

69

84-Po-197

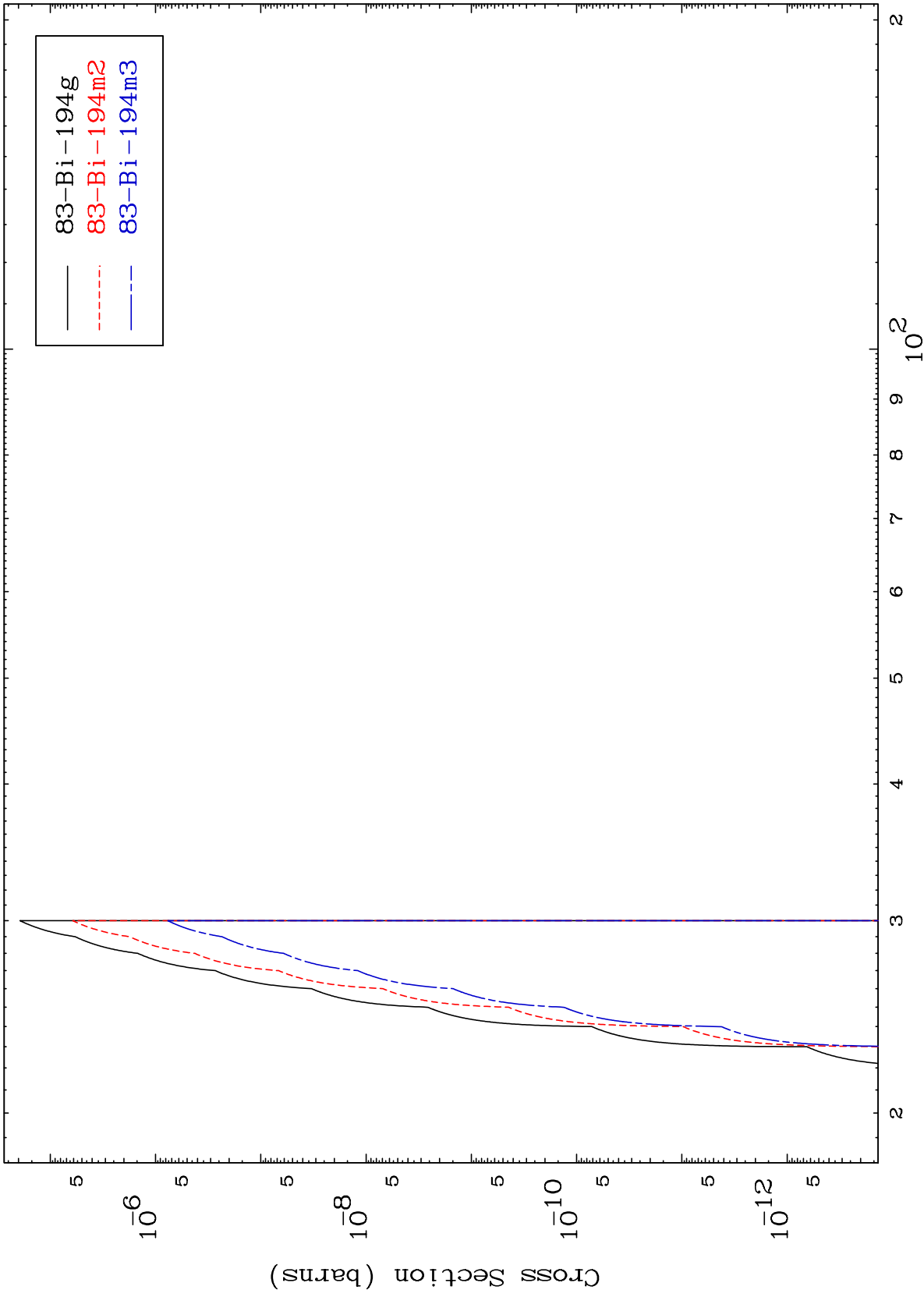
Incident Energy (MeV)

MAT 8398

(n,2n) d

84-Po-197

Radionuclide Production Cross Section



70

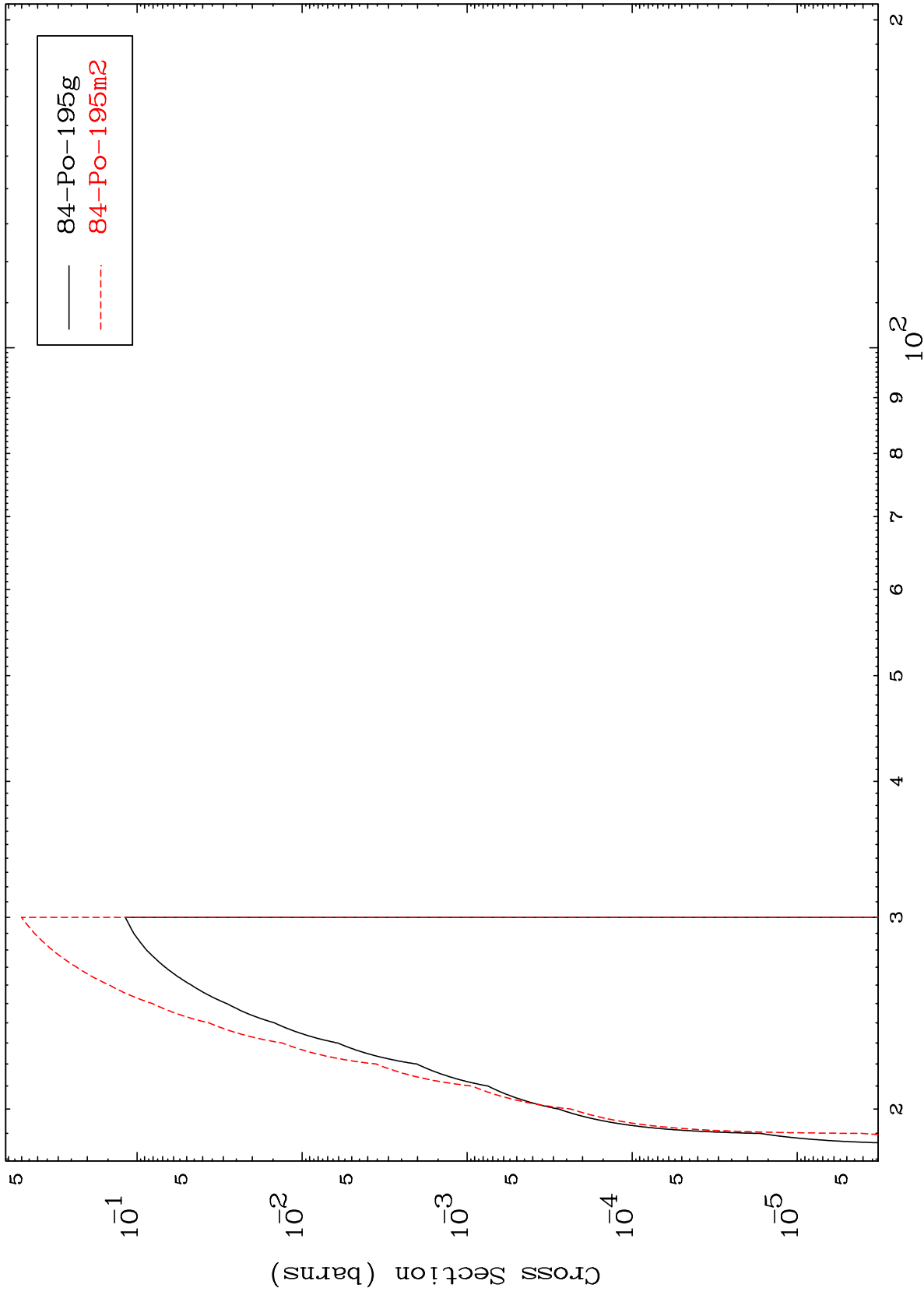
Incident Energy (MeV)

84-Po-197

MAT 8398

84-Po-197

(n,3n)
Radionuclide Production Cross Section



71

Incident Energy (MeV)

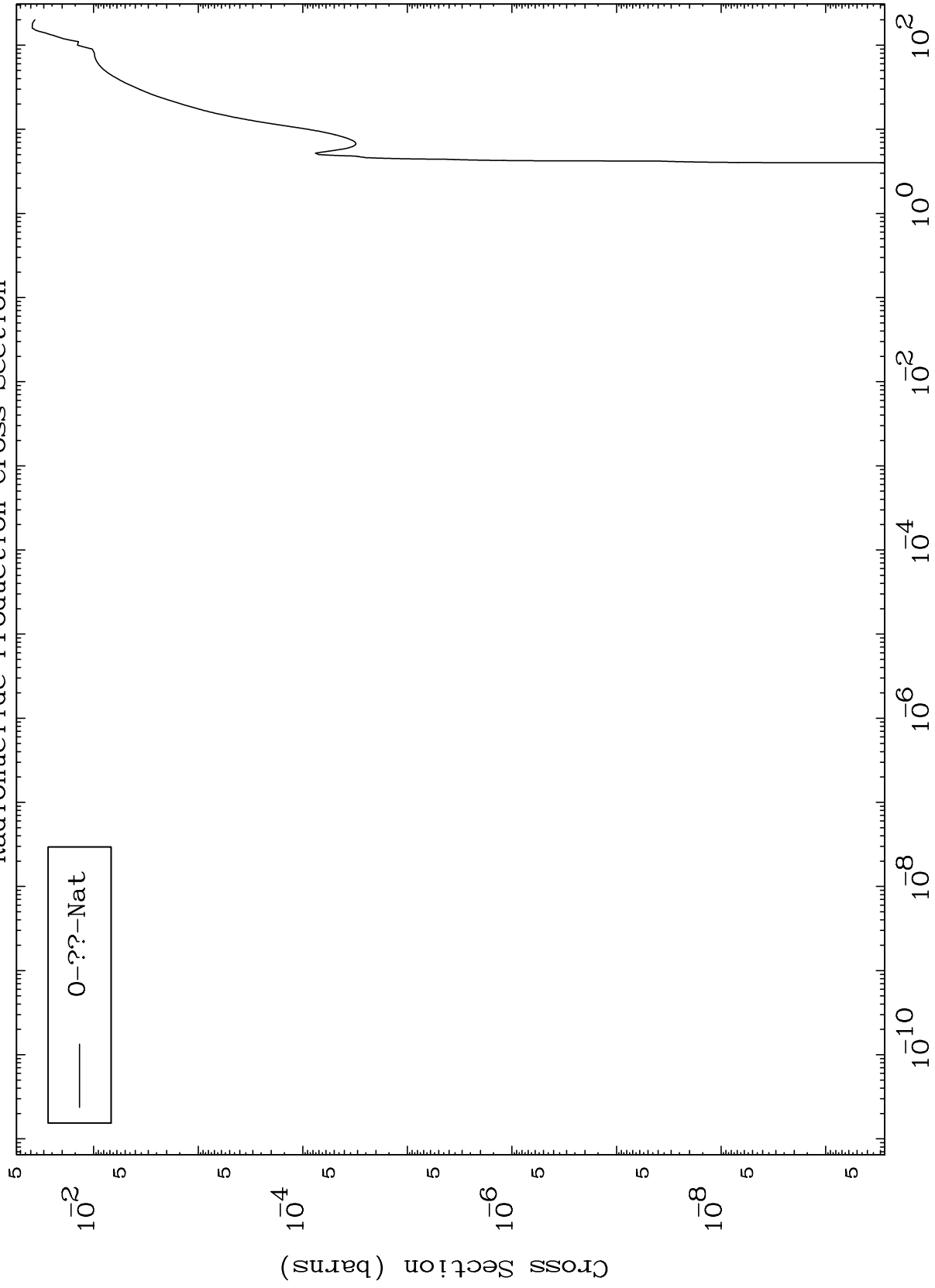
84-Po-197

MAT 8398

Fission

84-Po-197

Radionuclide Production Cross Section



72

Incident Energy (MeV)

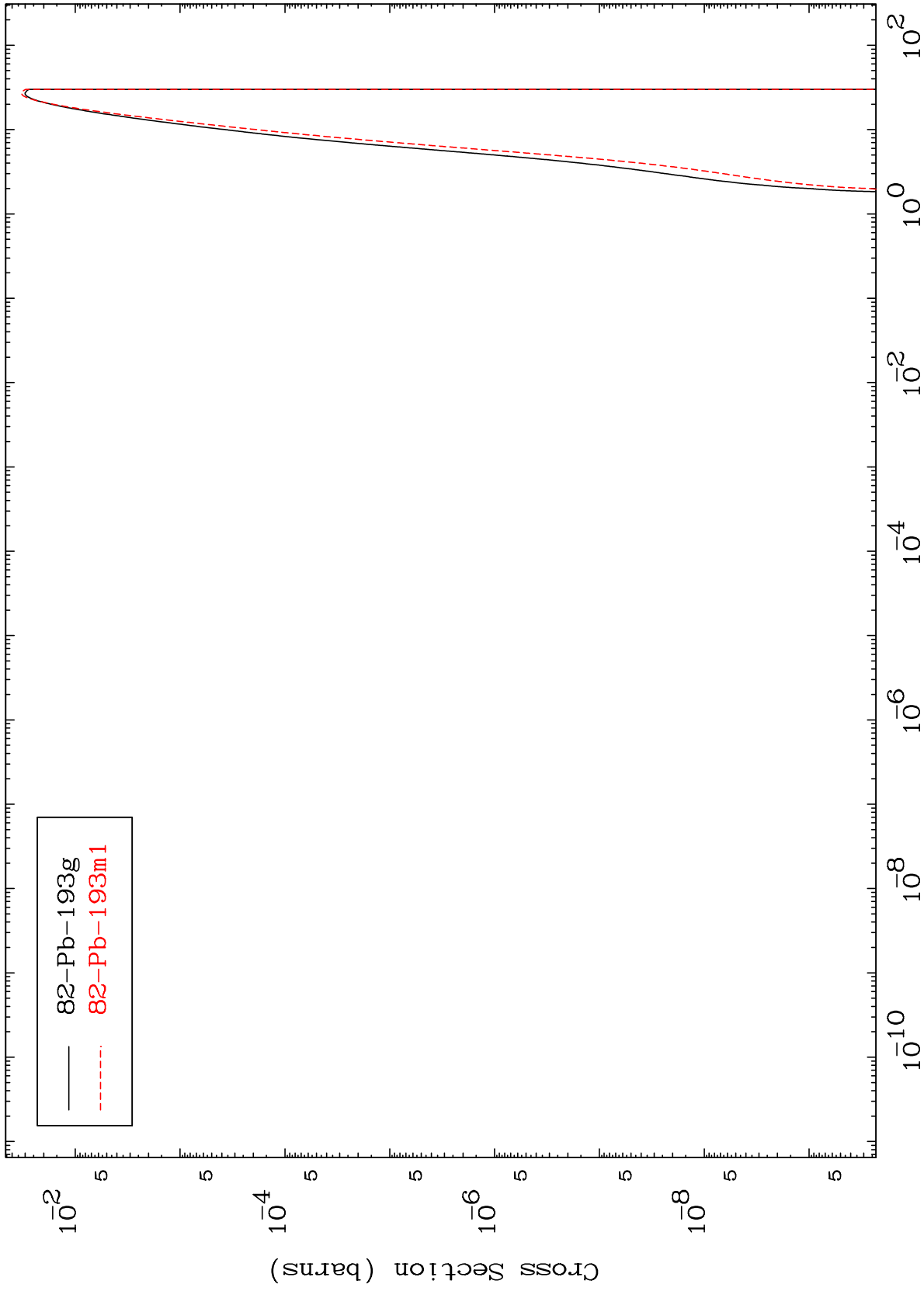
84-Po-197

MAT 8398

(n,n') α

84-Po-197

Radionuclide Production Cross Section



73

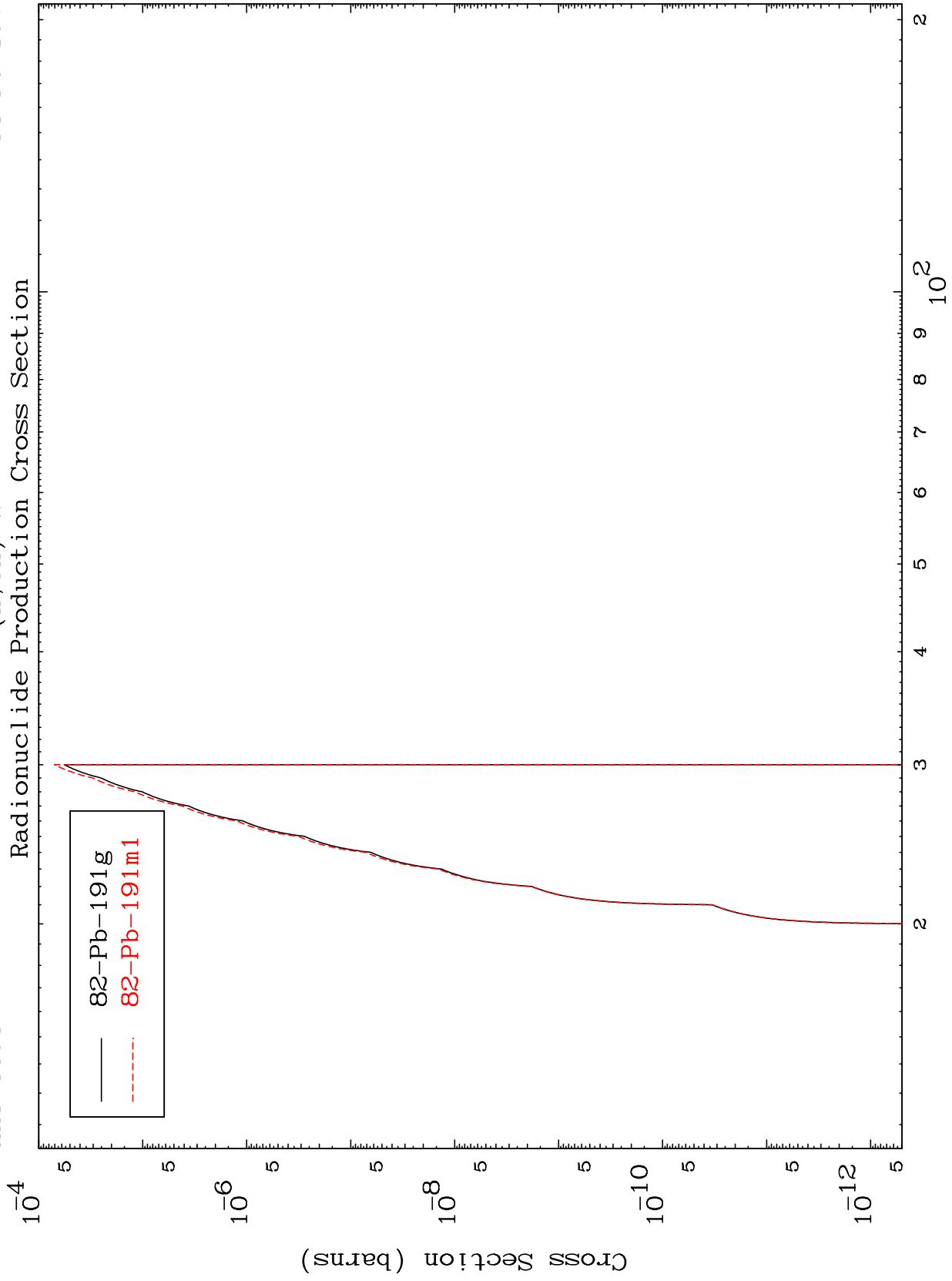
Incident Energy (MeV)

84-Po-197

MAT 8398

(n,3n) α

84-Po-197



74

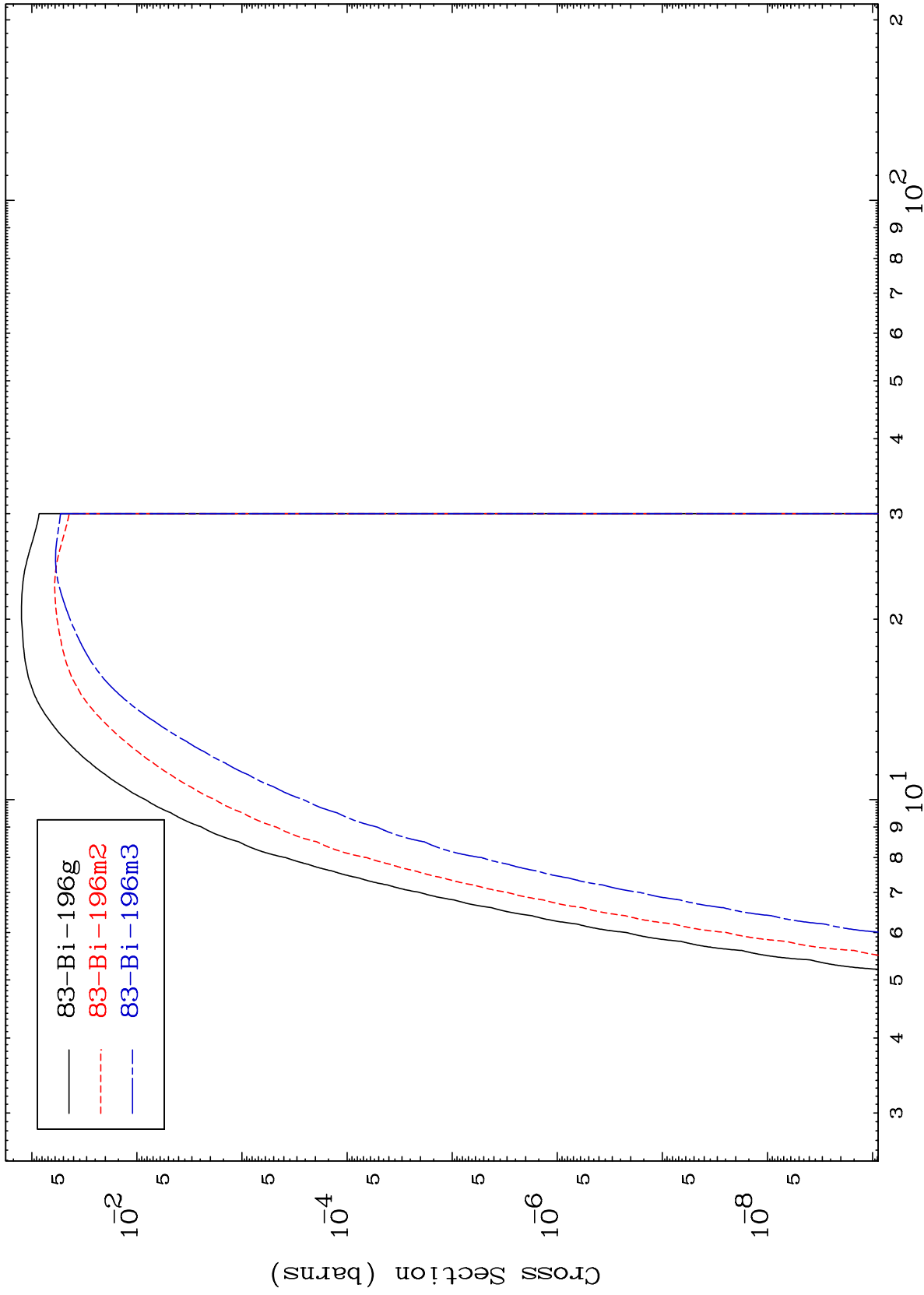
84-Po-197

MAT 8398

(n,n') p

84-Po-197

Radionuclide Production Cross Section



75

Incident Energy (MeV)

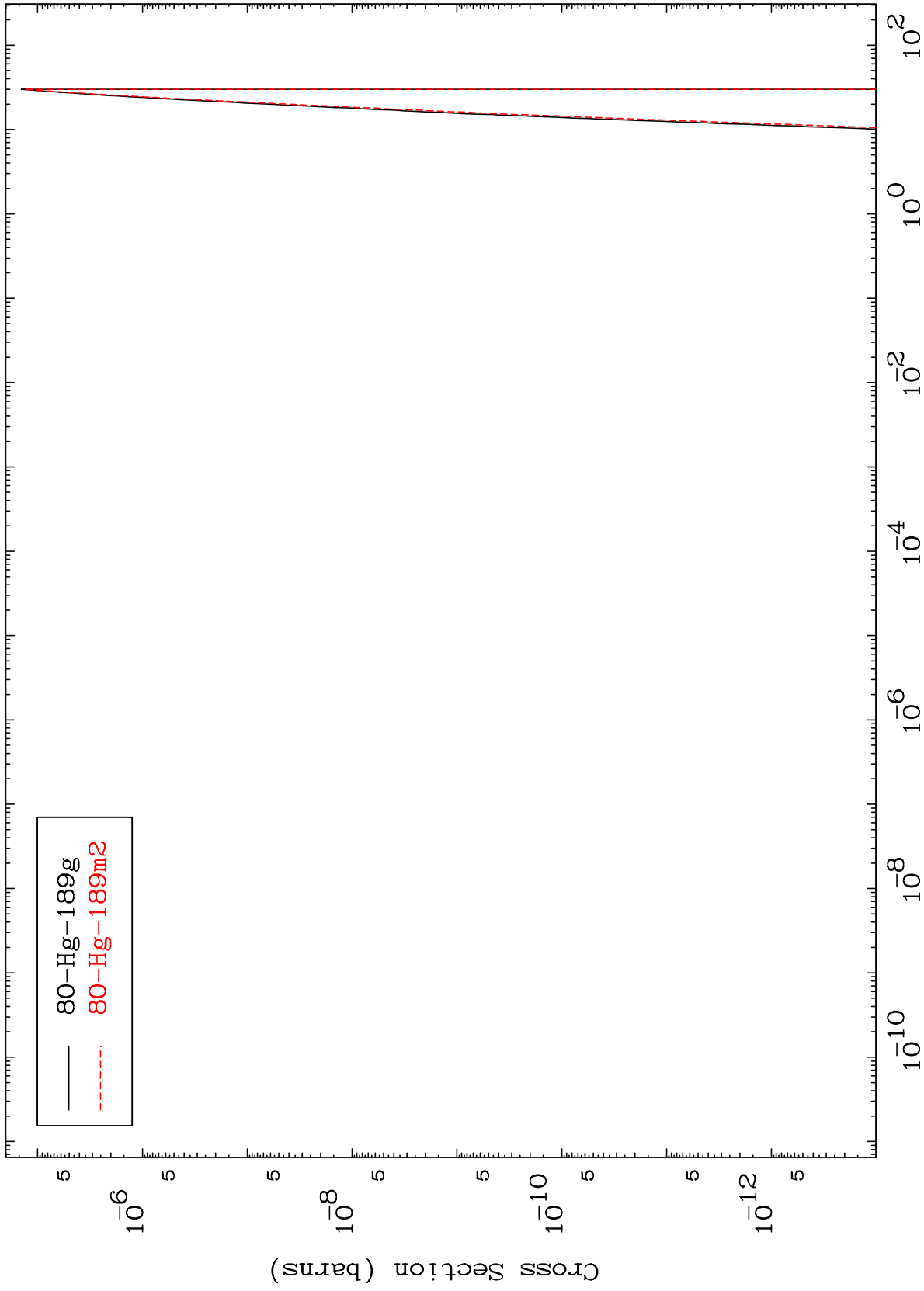
84-Po-197

MAT 8398

(n,n') 2 α

84-Po-197

Radionuclide Production Cross Section



76

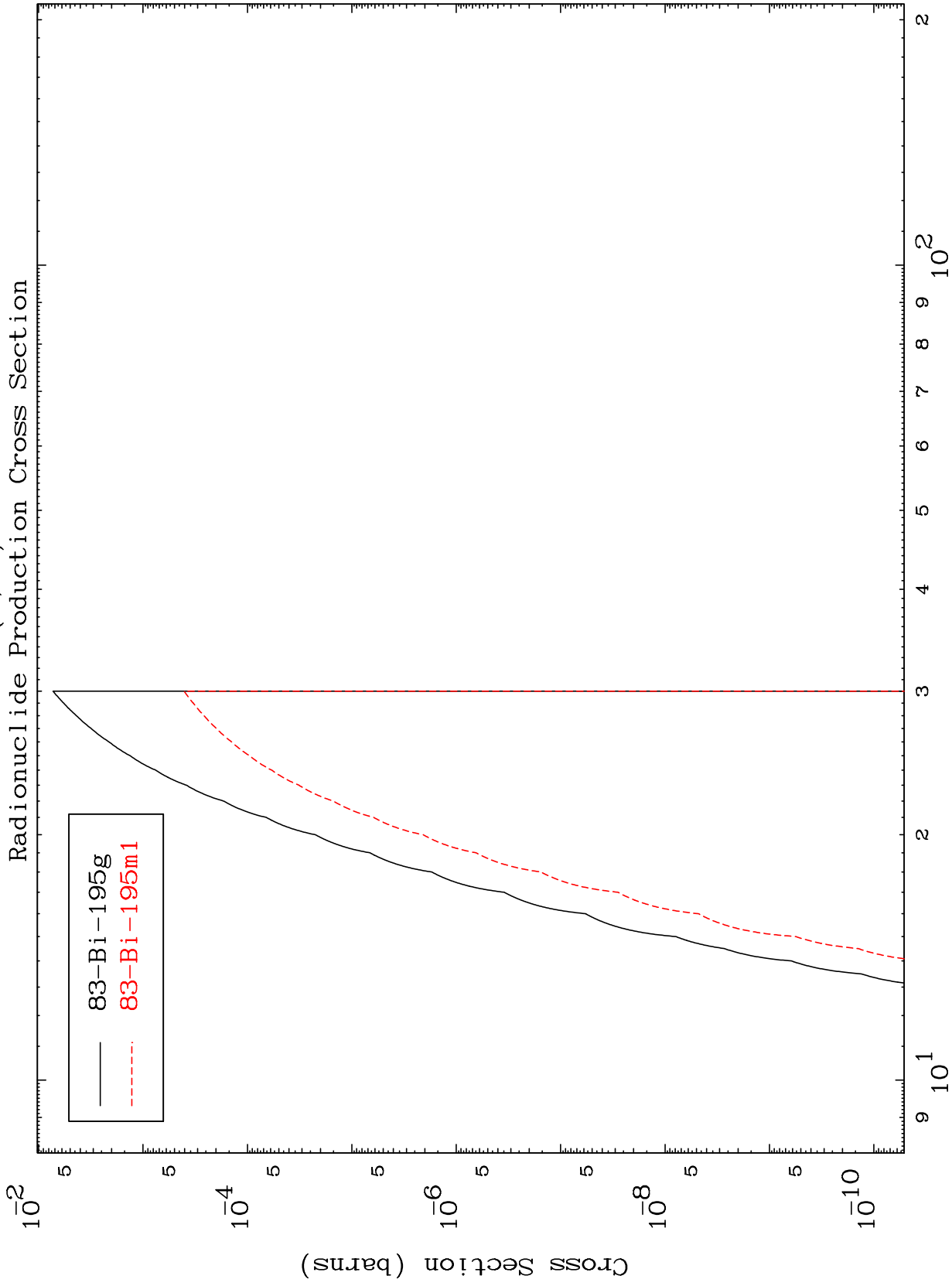
Incident Energy (MeV)

84-Po-197

MAT 8398

(n,n') d

84-Po-197



77

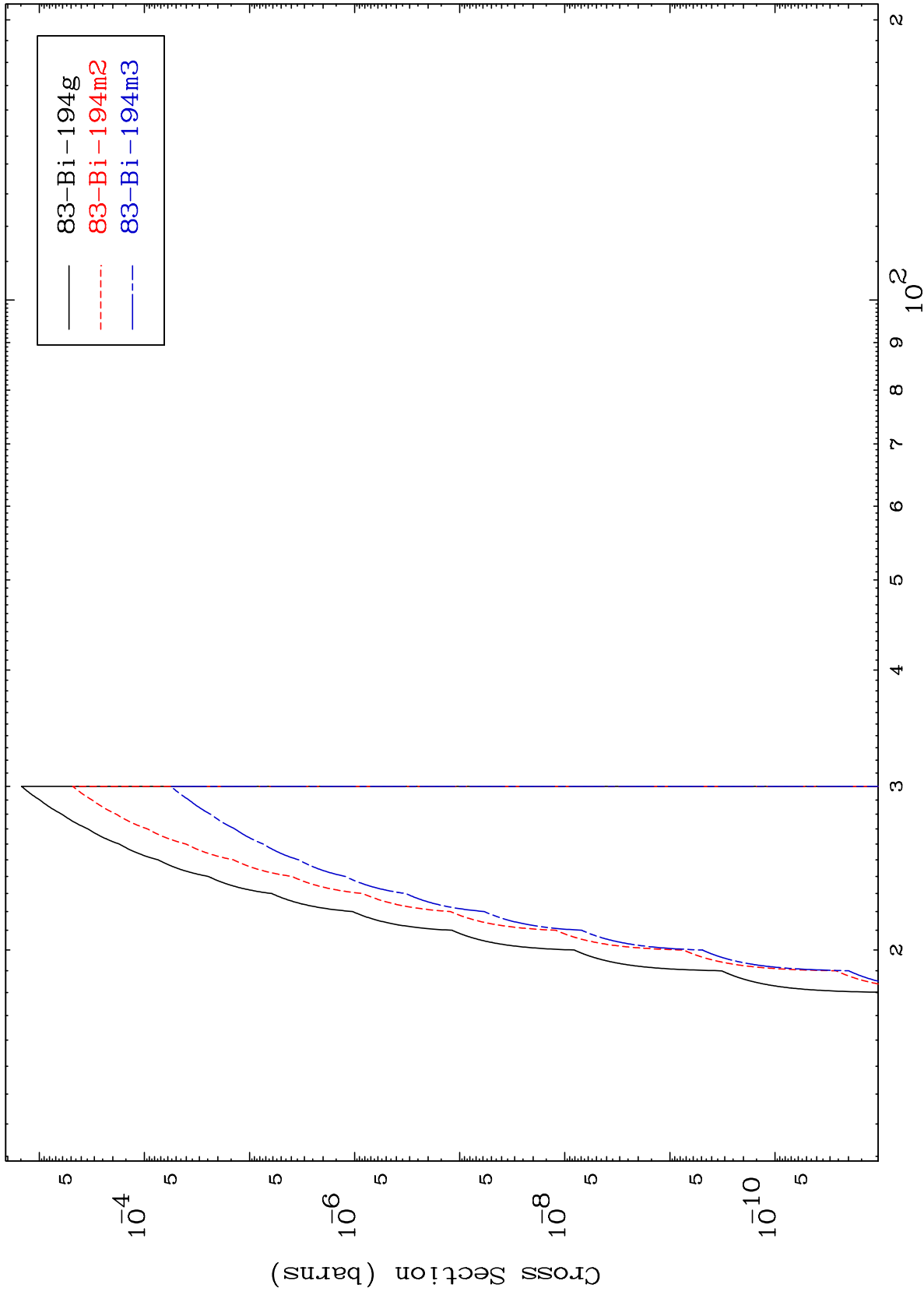
84-Po-197

MAT 8398

(n,n') t

84-Po-197

Radionuclide Production Cross Section



78

Incident Energy (MeV)

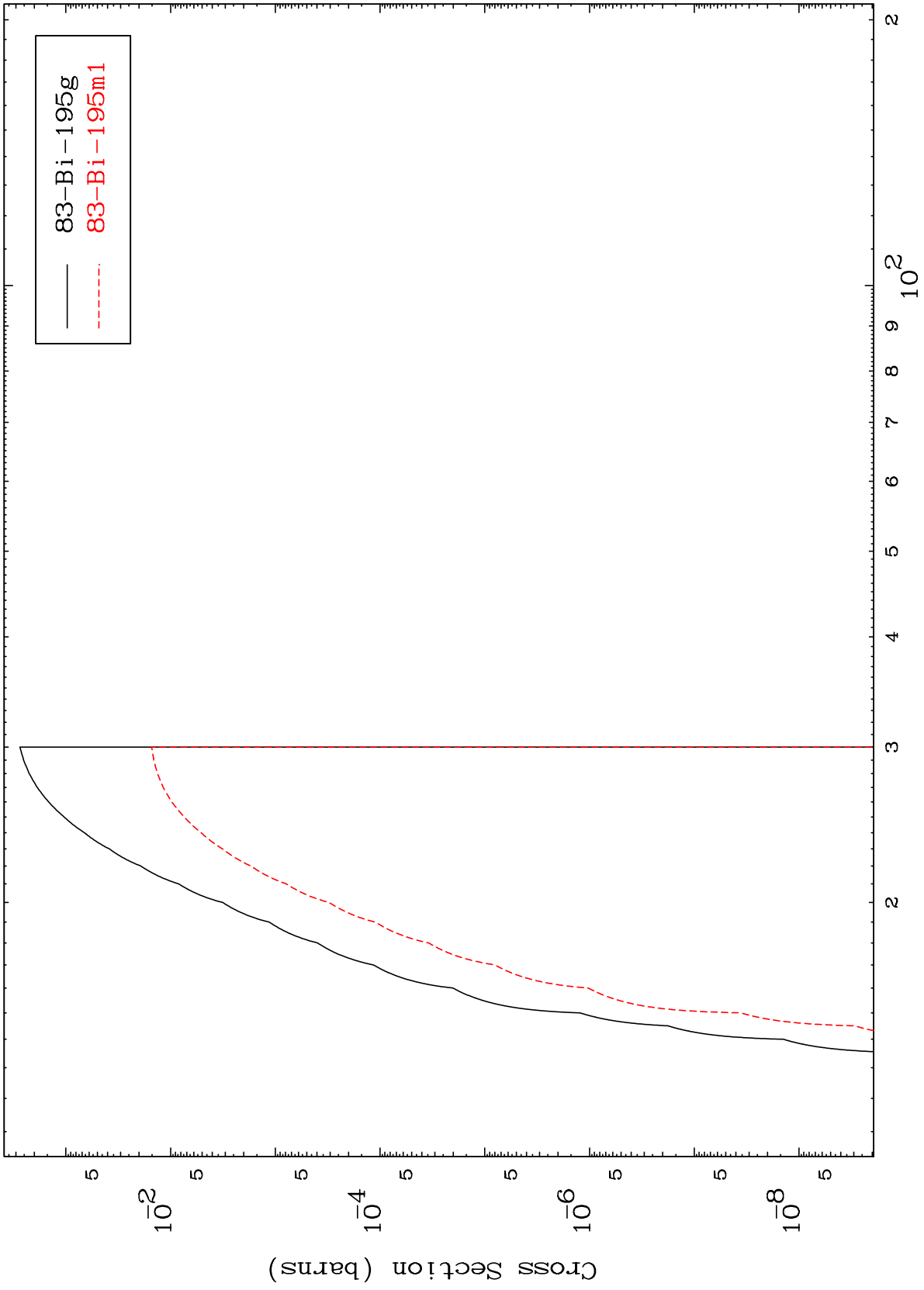
84-Po-197

MAT 8398

(n,2n) p

84-Po-197

Radionuclide Production Cross Section



79

Incident Energy (MeV)

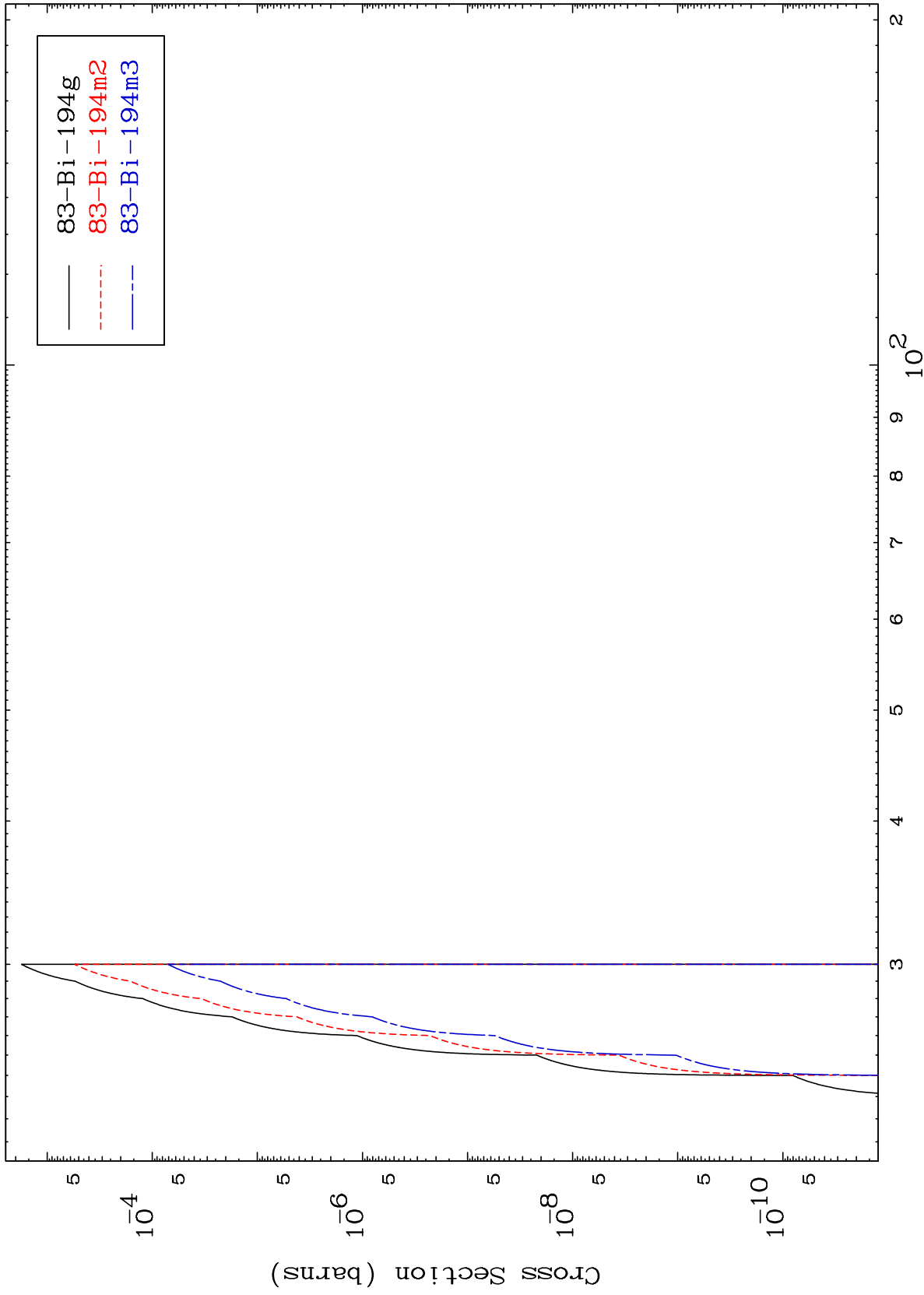
84-Po-197

MAT 8398

(n,3n) p

84-Po-197

Radionuclide Production Cross Section



80

Incident Energy (MeV)

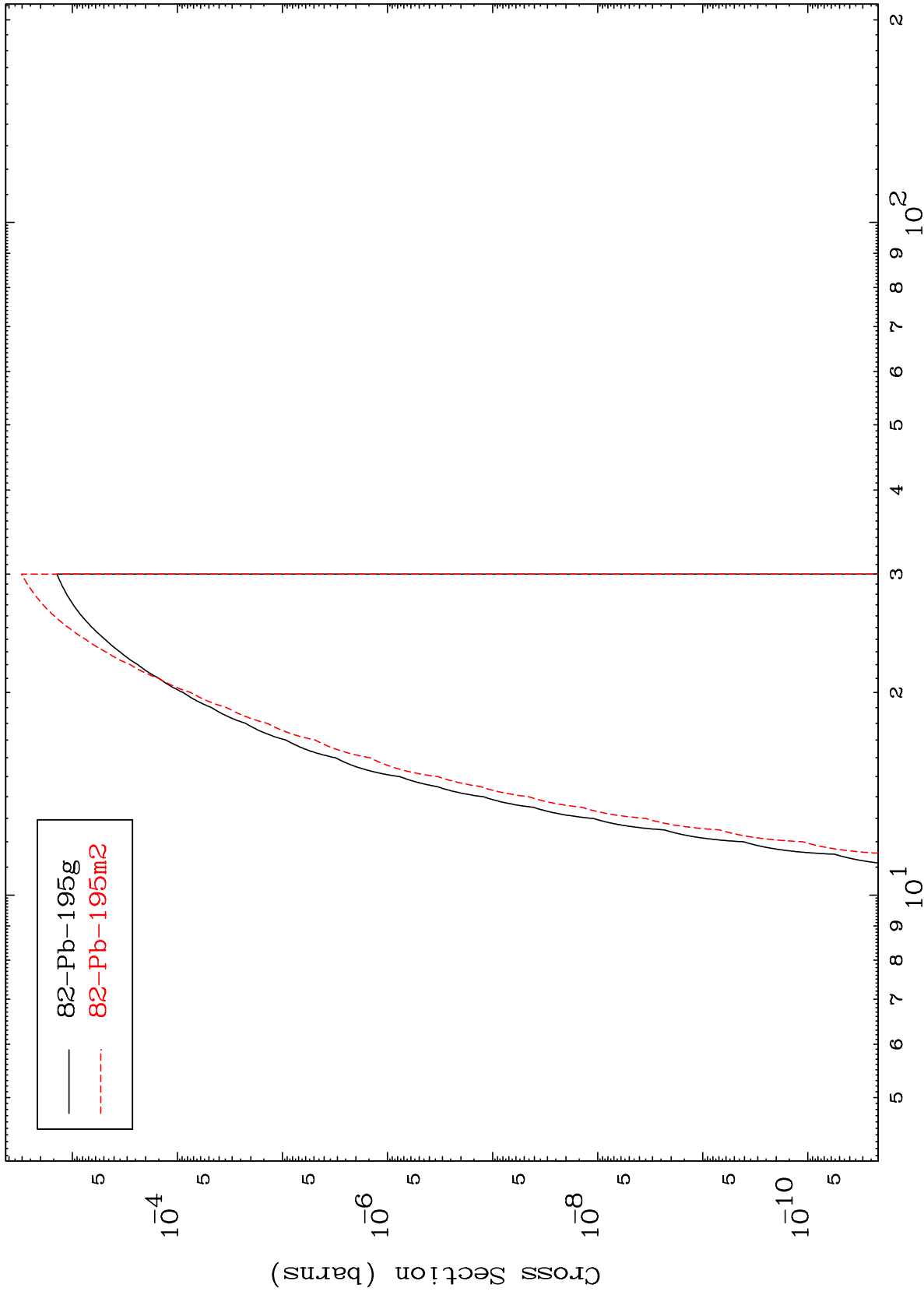
84-Po-197

MAT 8398

(n,2n) p

84-Po-197

Radionuclide Production Cross Section



81

Incident Energy (MeV)

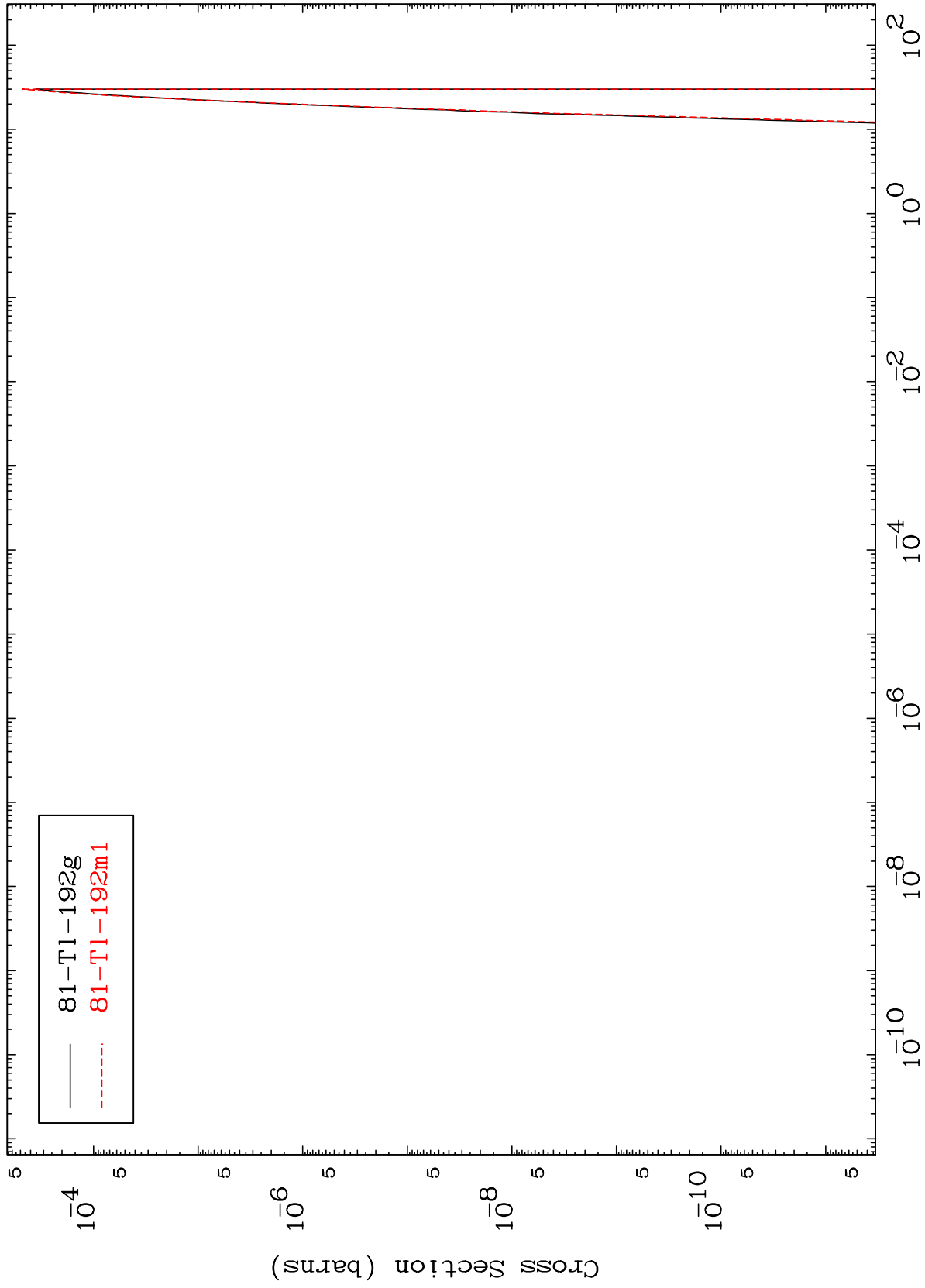
84-Po-197

MAT 8398

(n,n') p α

84-Po-197

Radionuclide Production Cross Section



82

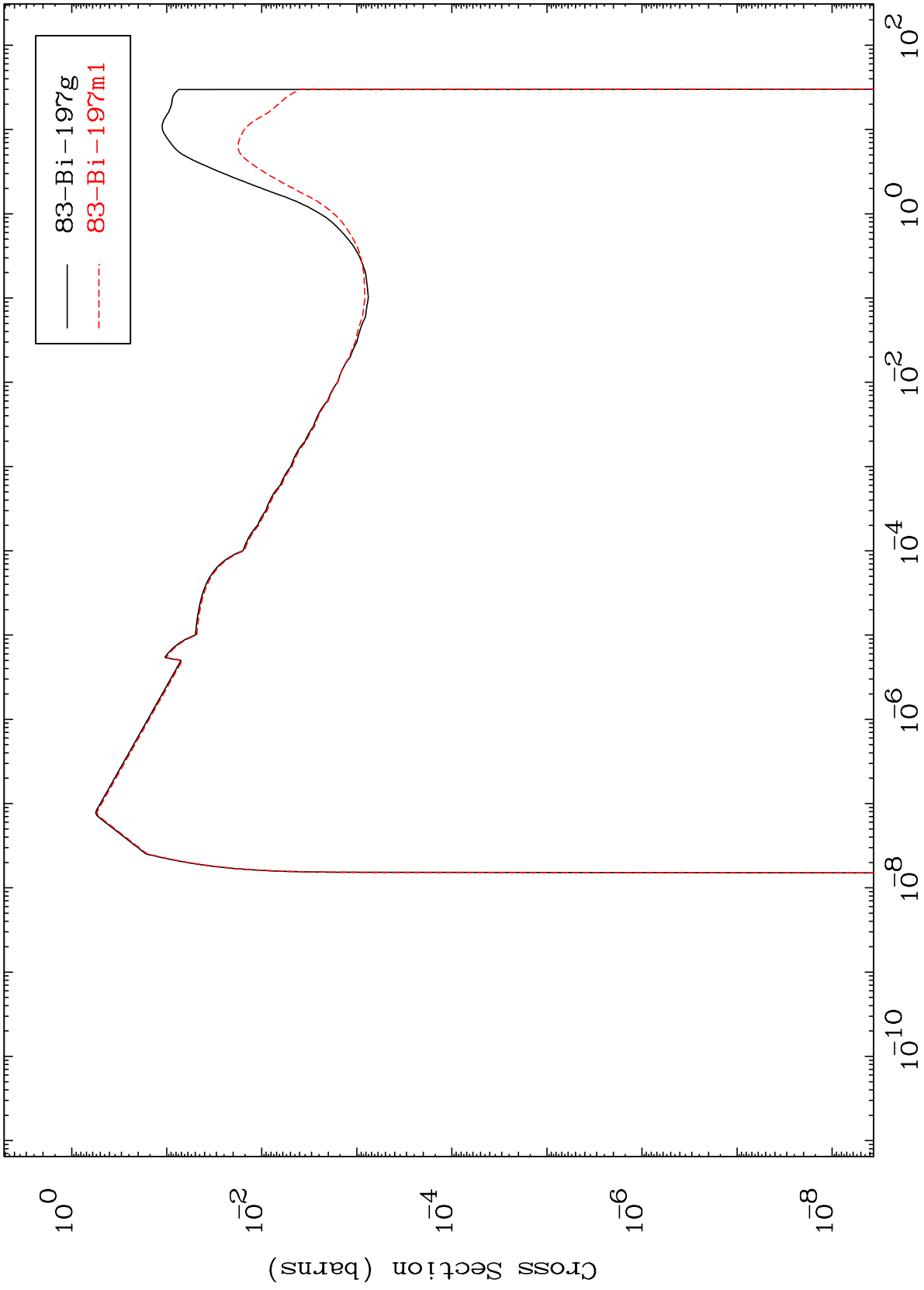
Incident Energy (MeV)

84-Po-197

MAT 8398

84-Po-197

(n,p)
Radionuclide Production Cross Section



— 83-Bi-197g
- - - 83-Bi-197m1

83

84-Po-197

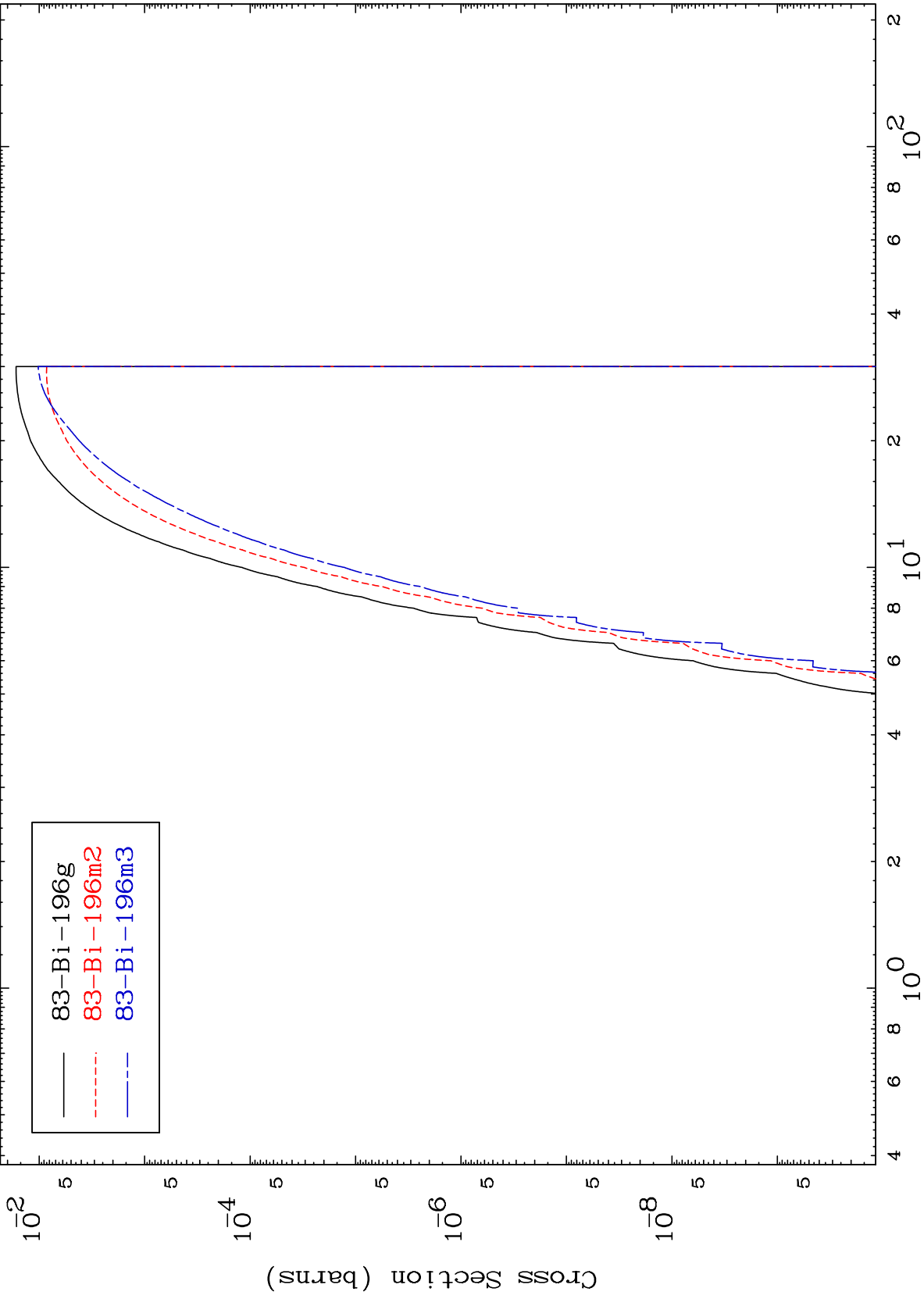
Incident Energy (MeV)

MAT 8398

(n,d)

84-Po-197

Radionuclide Production Cross Section



84

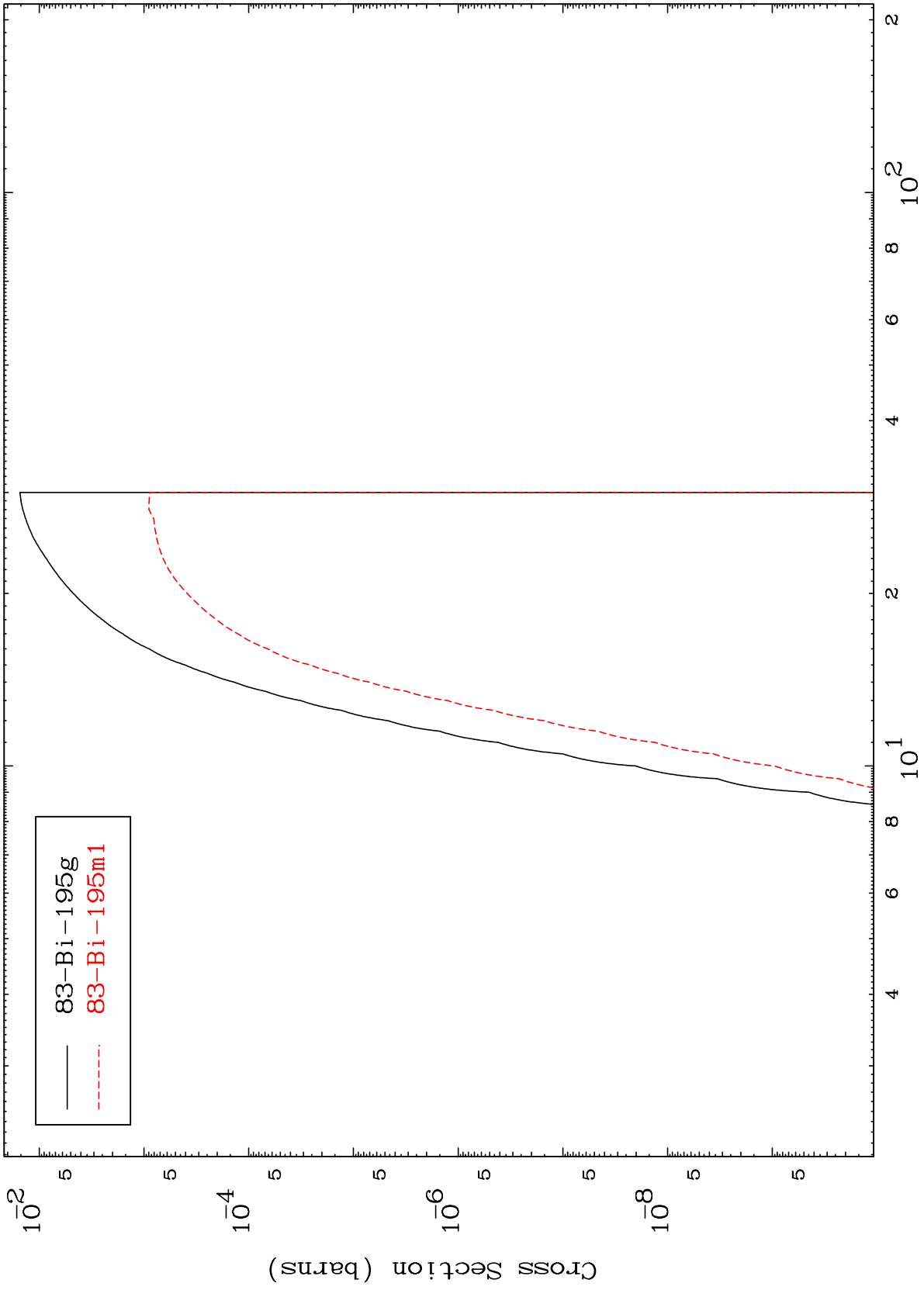
Incident Energy (MeV)

84-Po-197

MAT 8398

84-Po-197

(n, t)
Radionuclide Production Cross Section



85

Incident Energy (MeV)

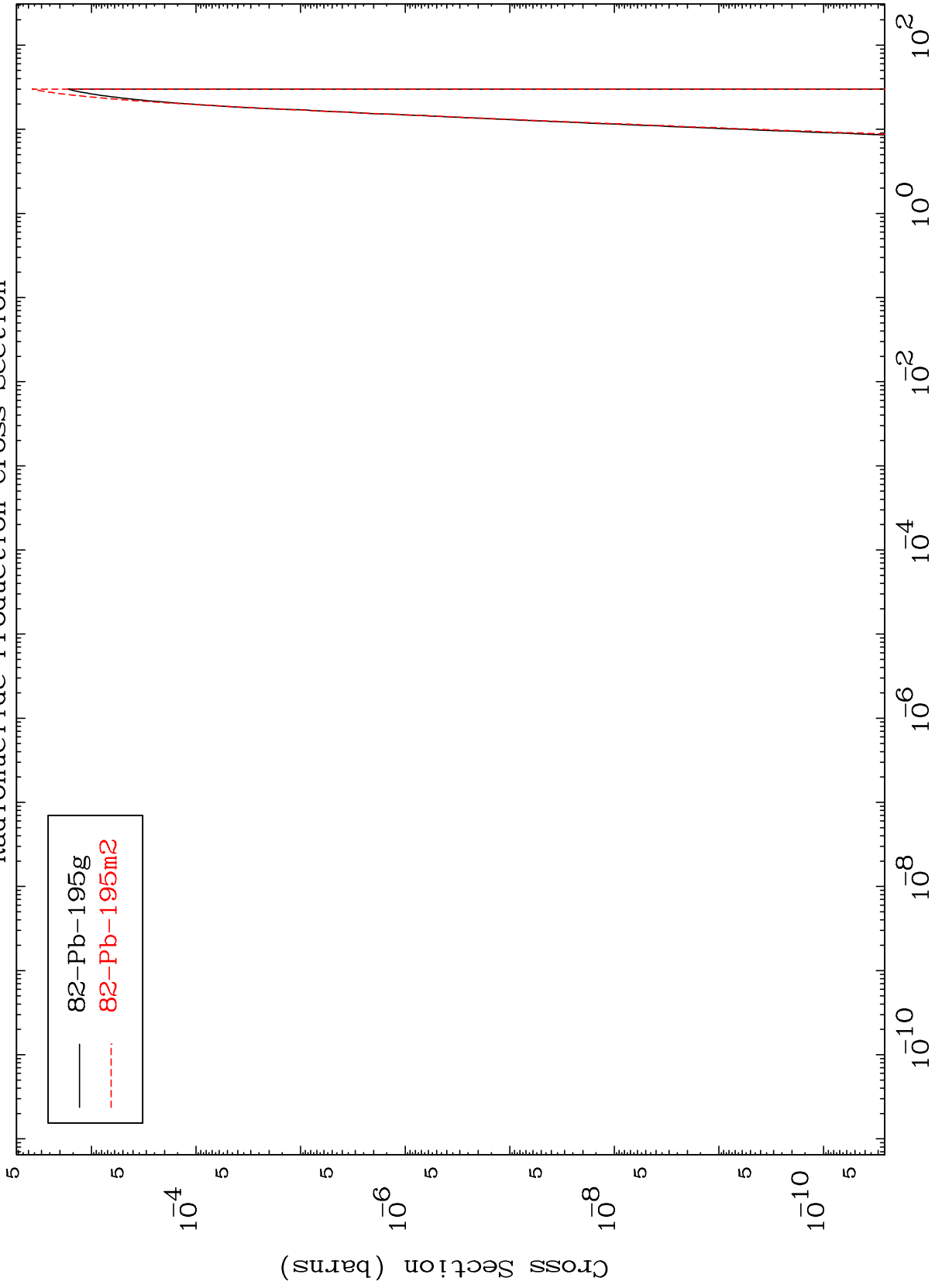
84-Po-197

MAT 8398

(n, He-3)

84-Po-197

Radionuclide Production Cross Section



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

86

Incident Energy (MeV)

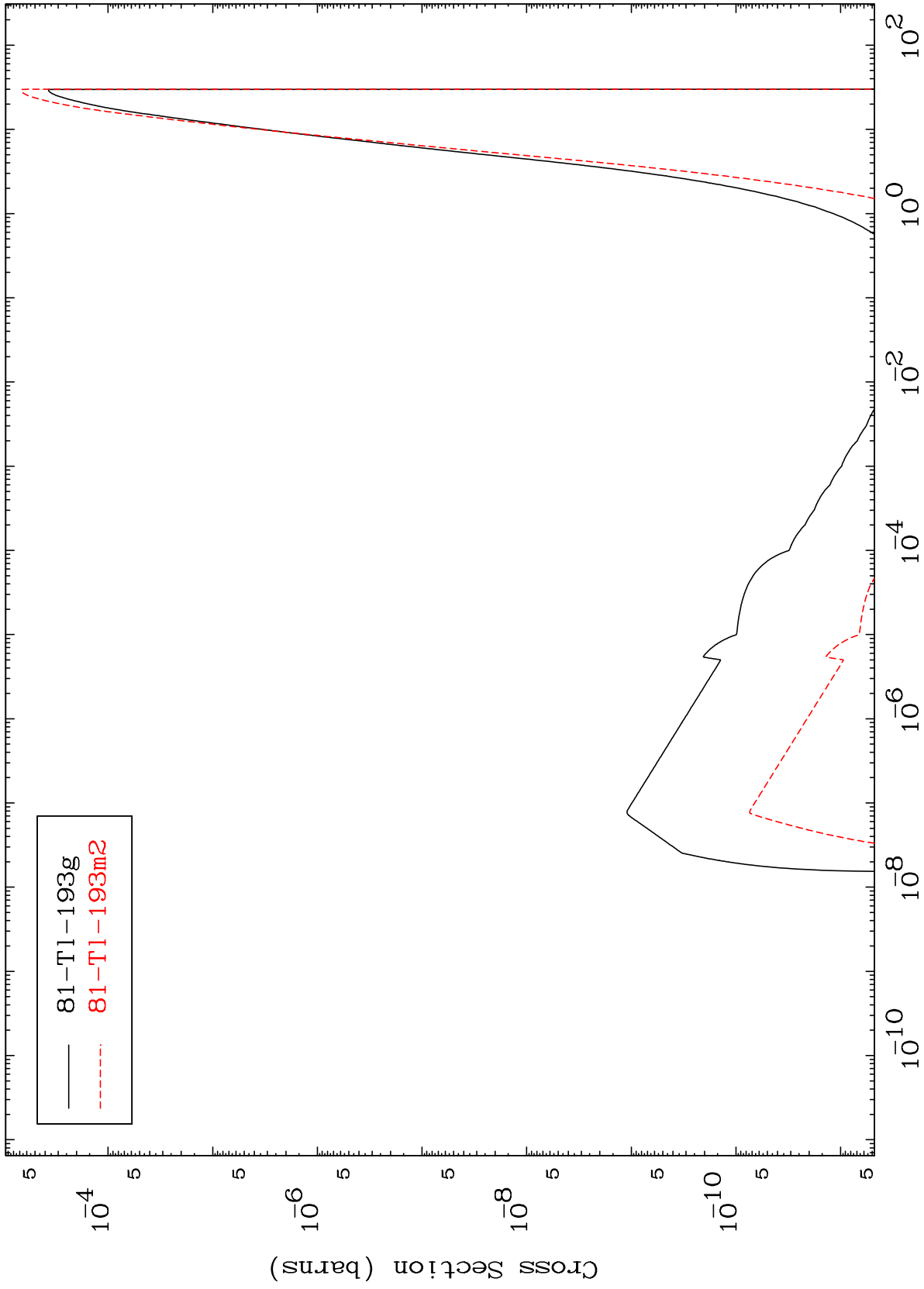
84-Po-197

MAT 8398

(n,p) α

84-Po-197

Radionuclide Production Cross Section



87

Incident Energy (MeV)

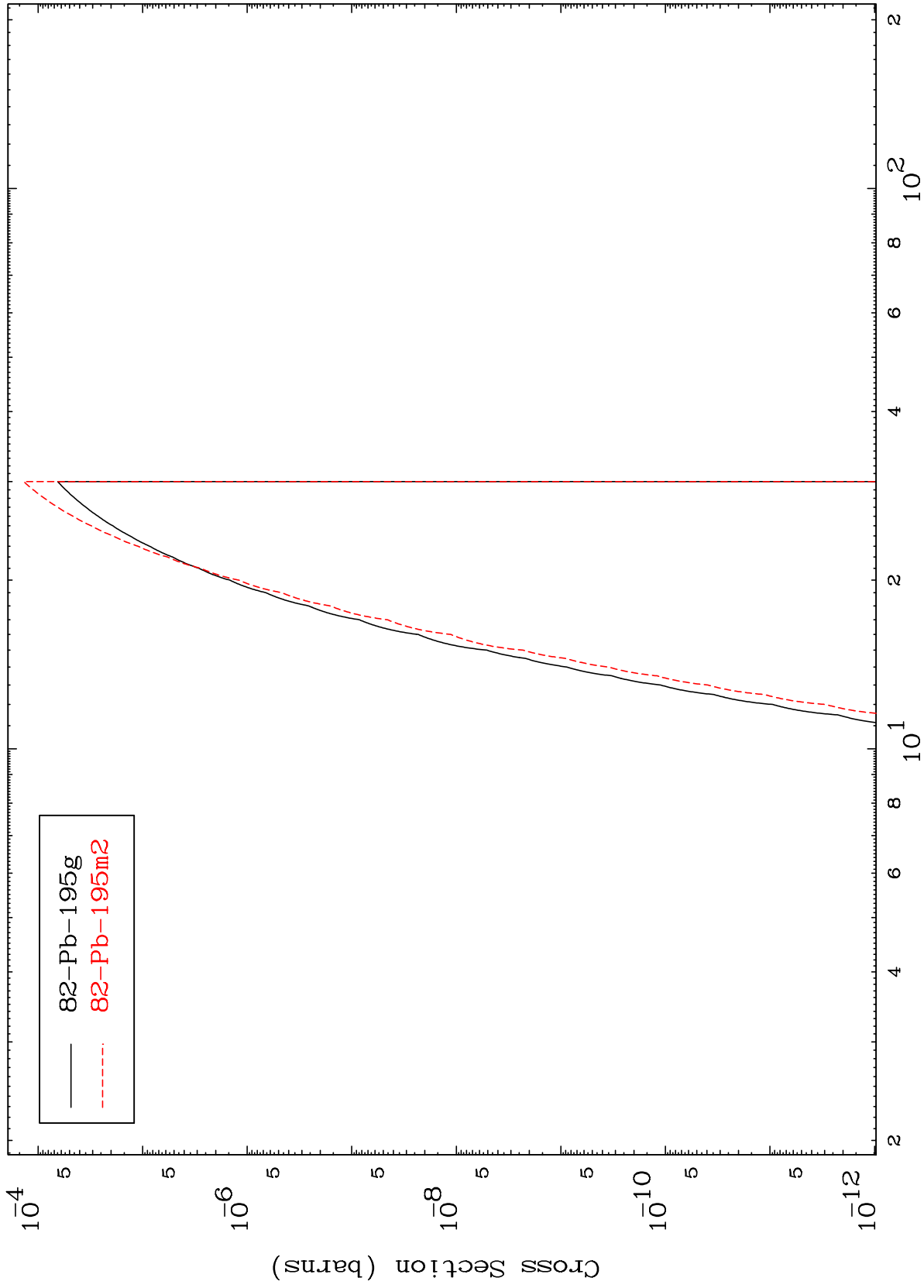
84-Po-197

MAT 8398

(n,p) d

84-Po-197

Radionuclide Production Cross Section



88

Incident Energy (MeV)

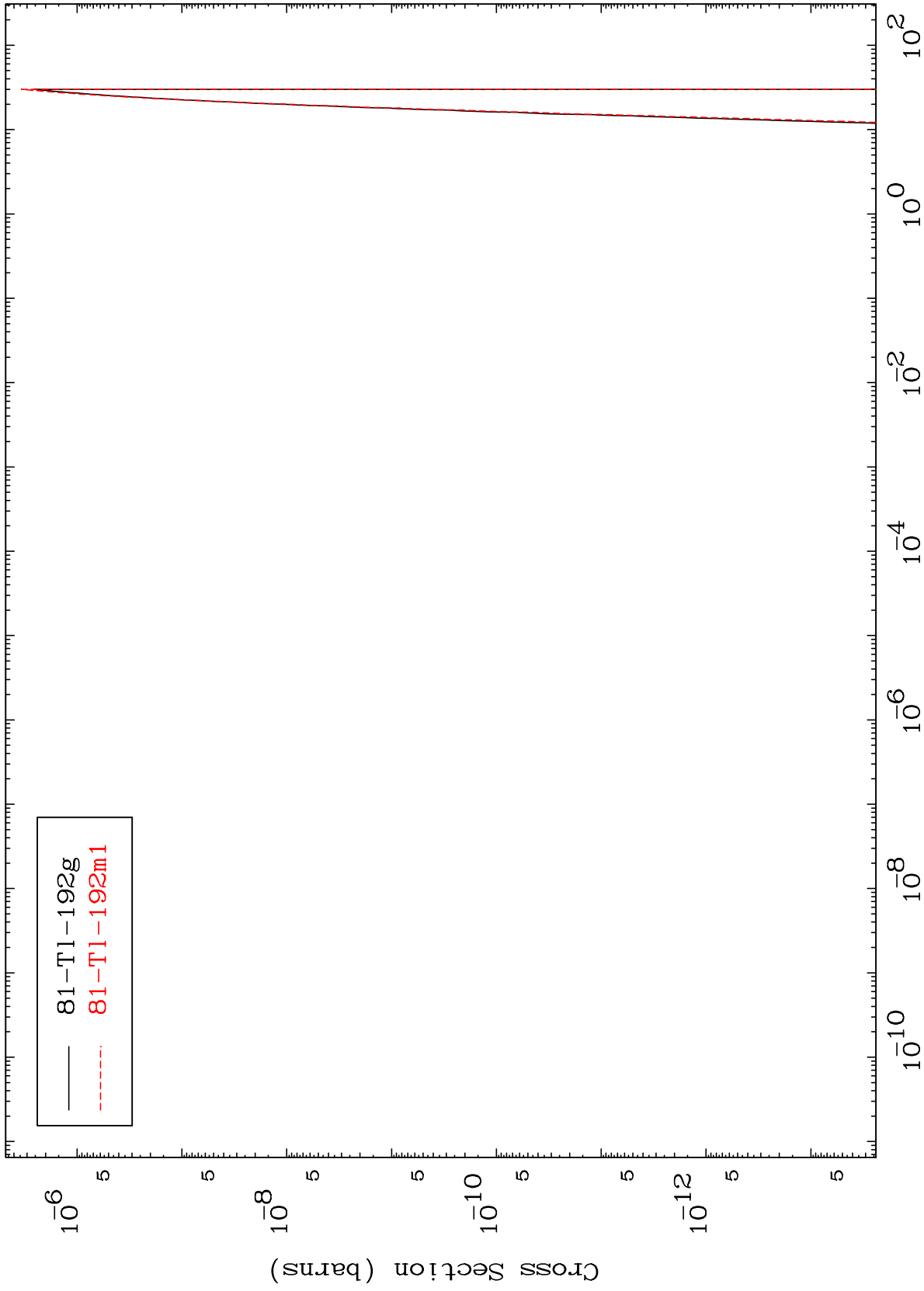
84-Po-197

MAT 8398

(n,d) α

84-Po-197

Radionuclide Production Cross Section



89

Incident Energy (MeV)

84-Po-197