

Program EVALPLOT  
(Version 2018-1)

by

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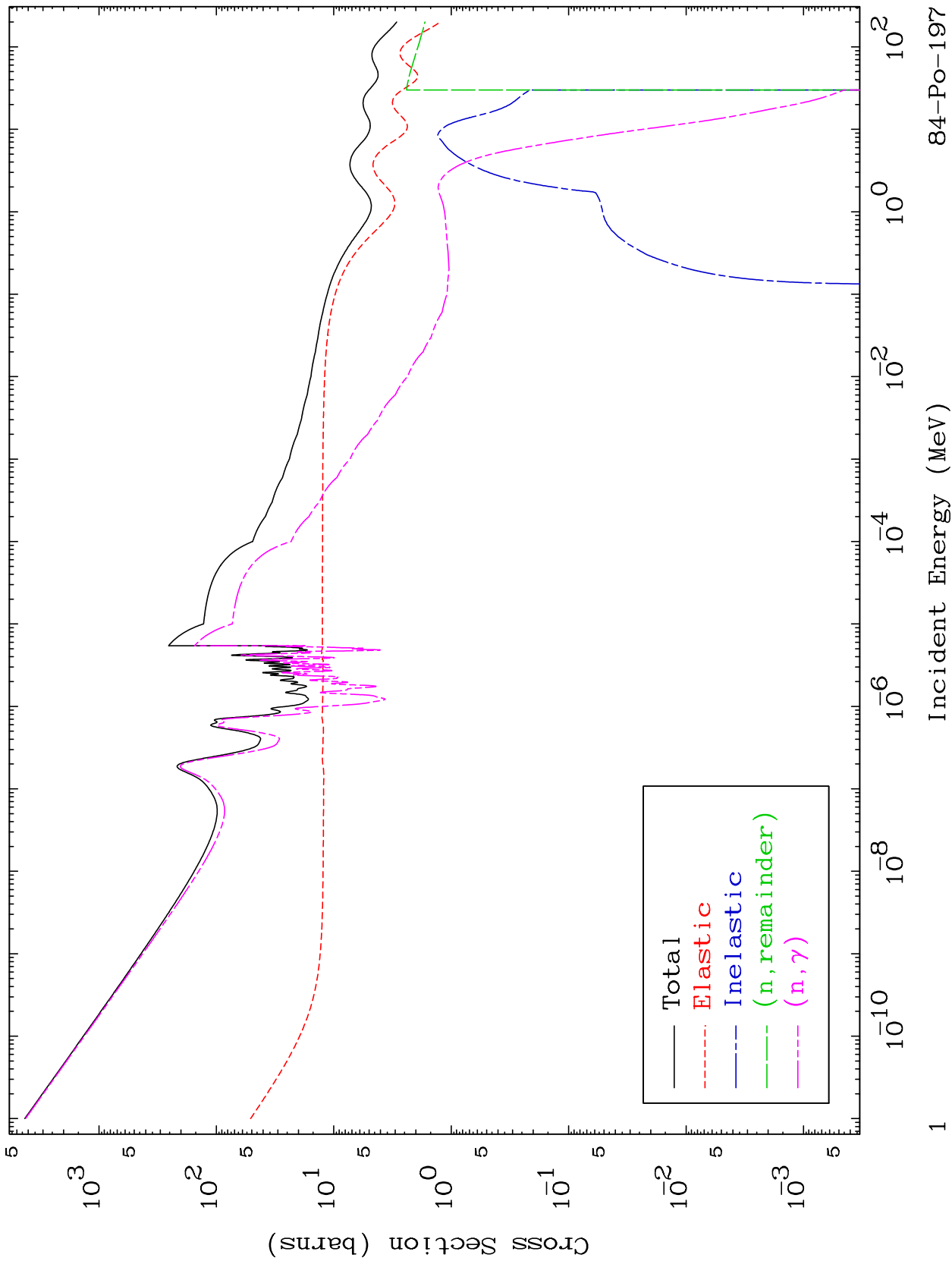
Press Mouse Button to Start

MAT 8398

Major

293 Kelvin Cross Sections

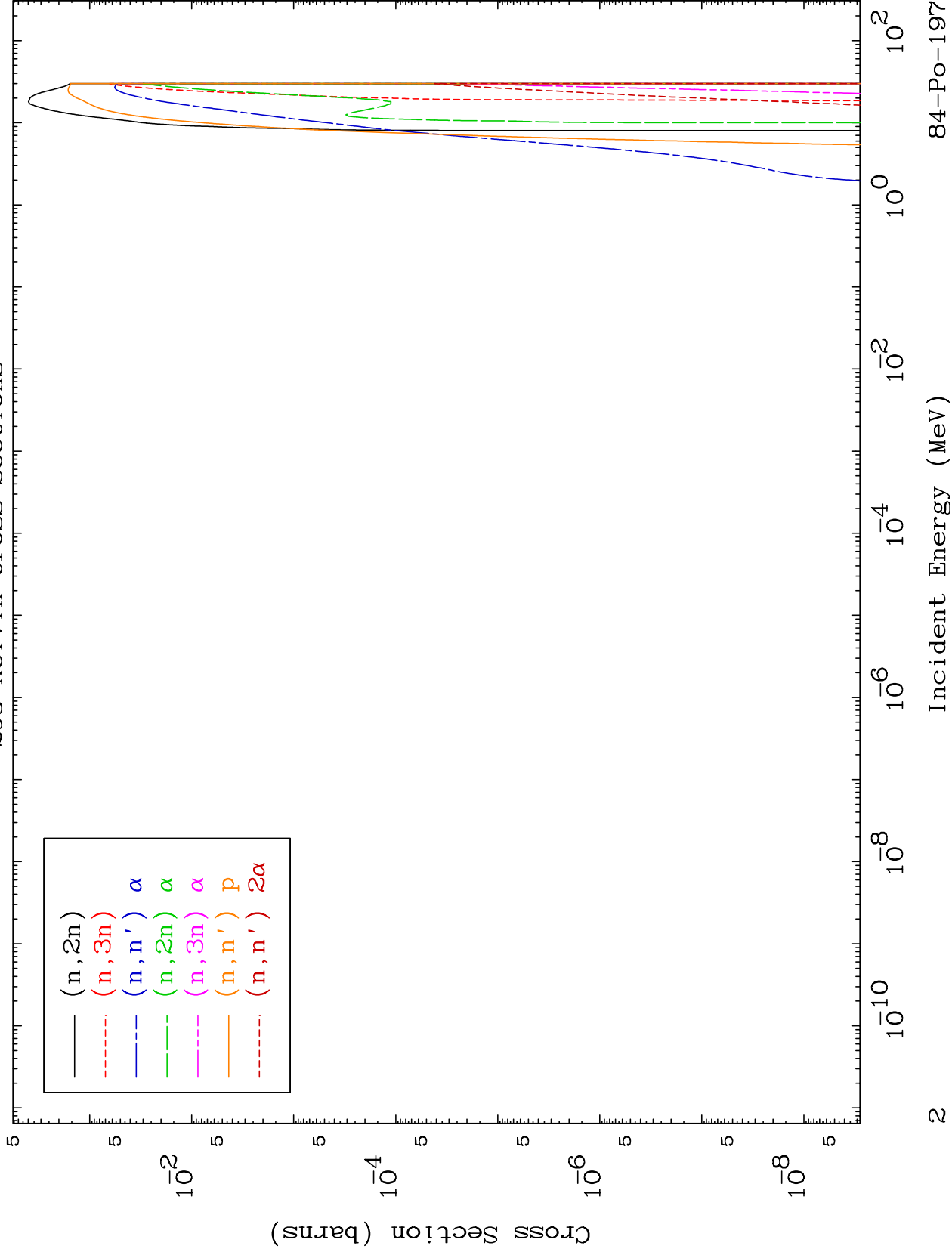
84-Po-197



MAT 8398

Neutron Production  
293 Kelvin Cross Sections

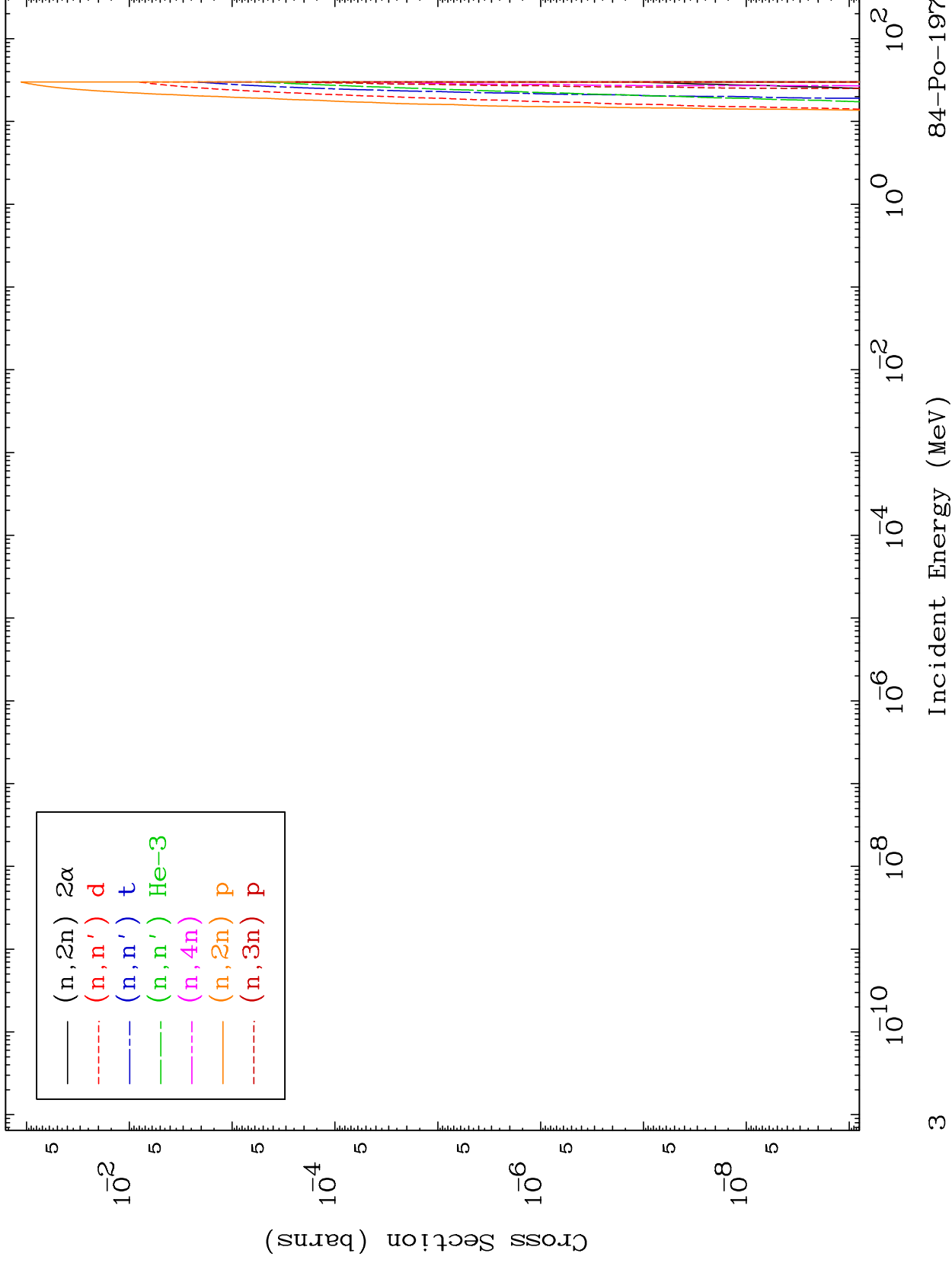
84-Po-197



MAT 8398

Neutron Production  
293 Kelvin Cross Sections

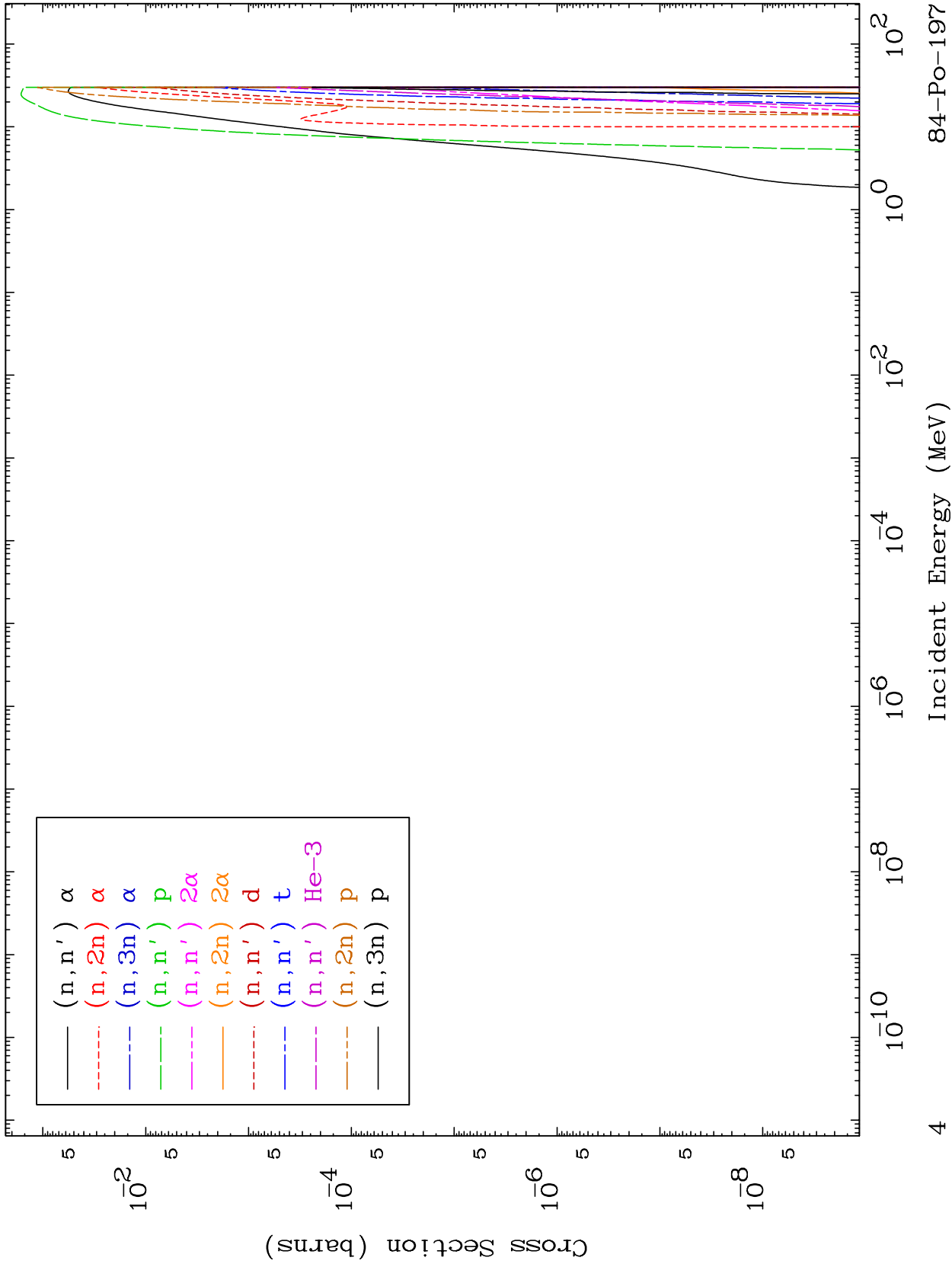
84-Po-197



MAT 8398

Charged Particle  
293 Kelvin Cross Sections

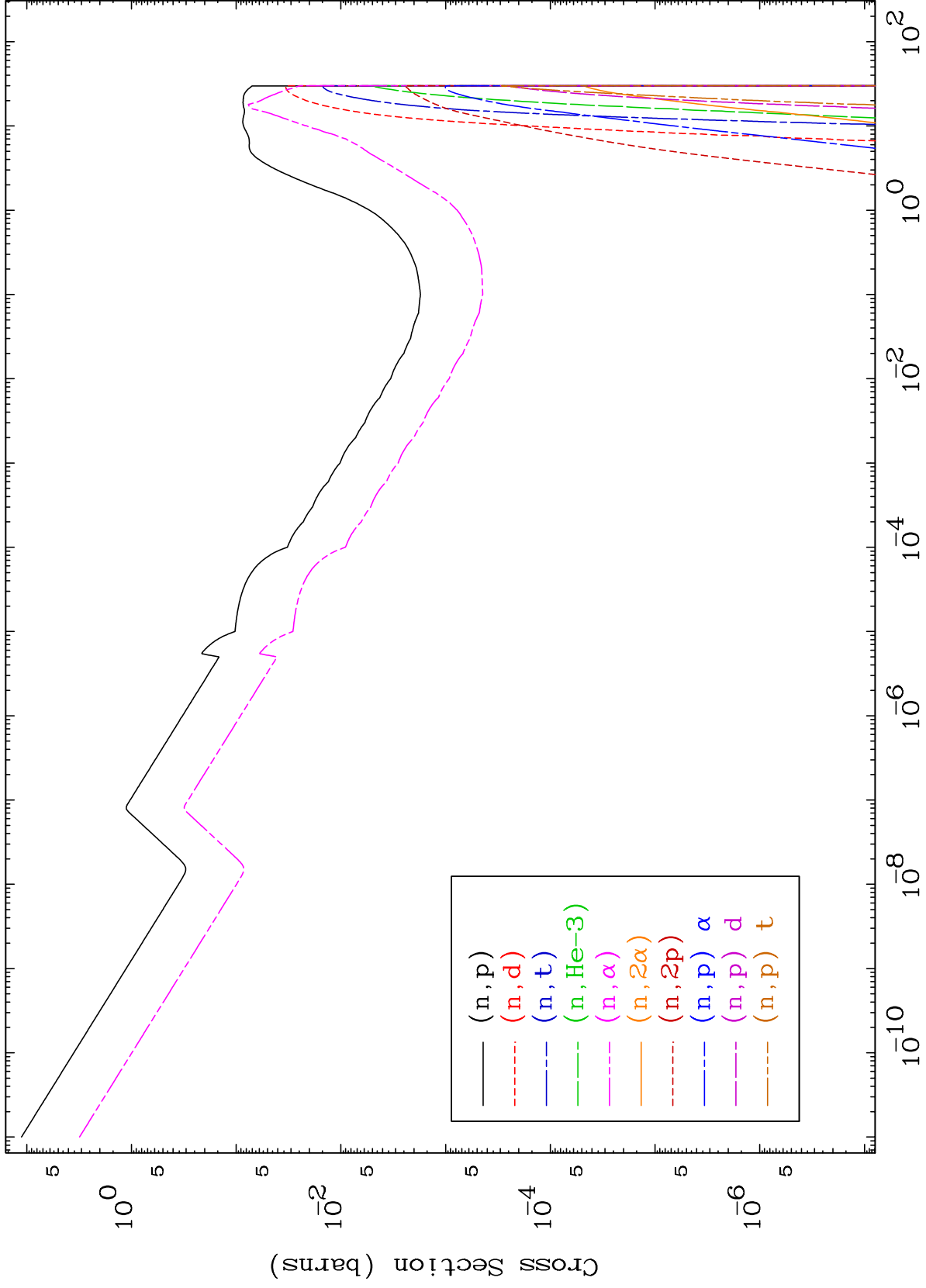
84-Po-197



MAT 8398

Charged Particle  
293 Kelvin Cross Sections

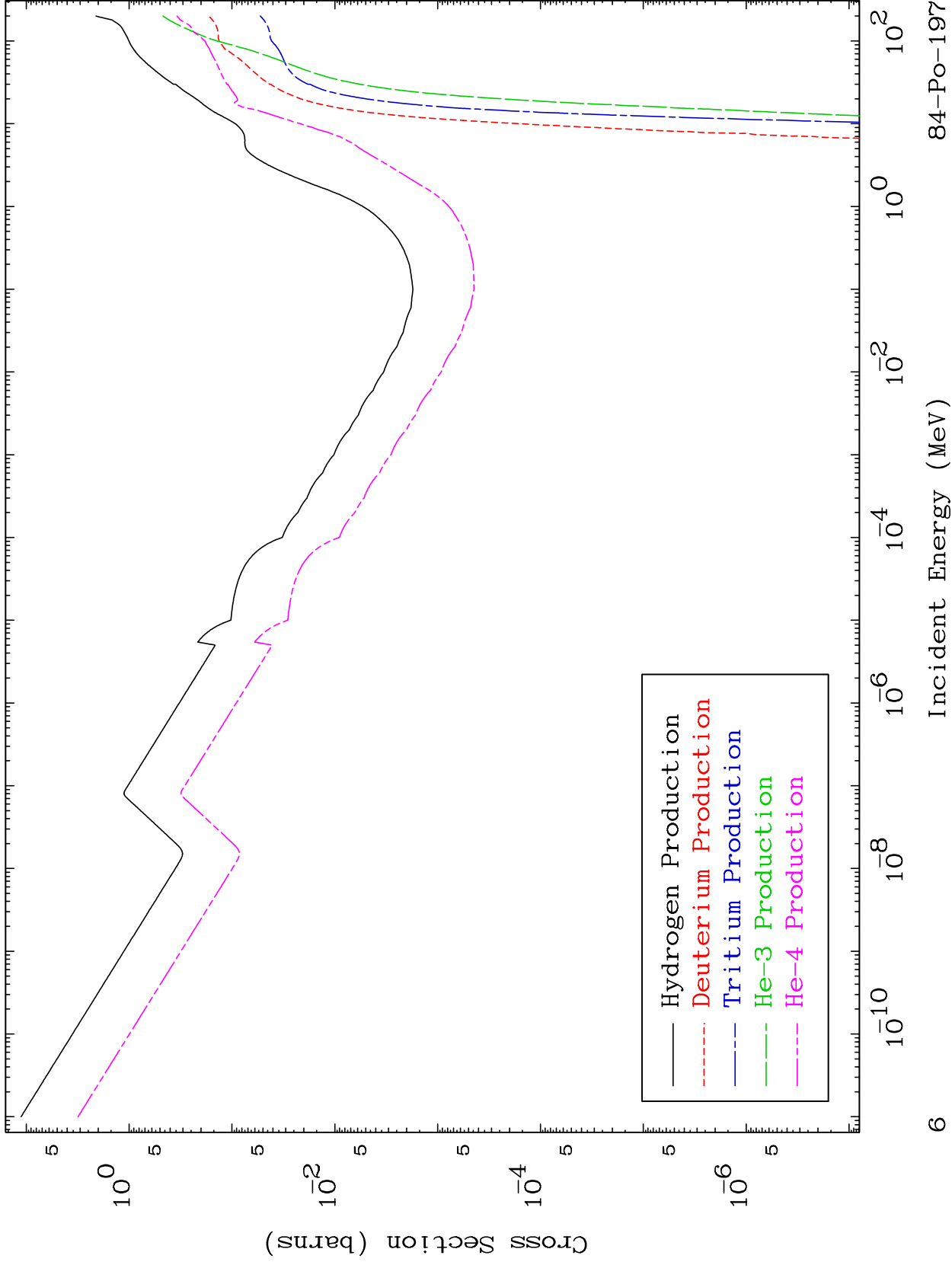
84-Po-197



MAT 8398

Particle Production  
293 Kelvin Cross Sections

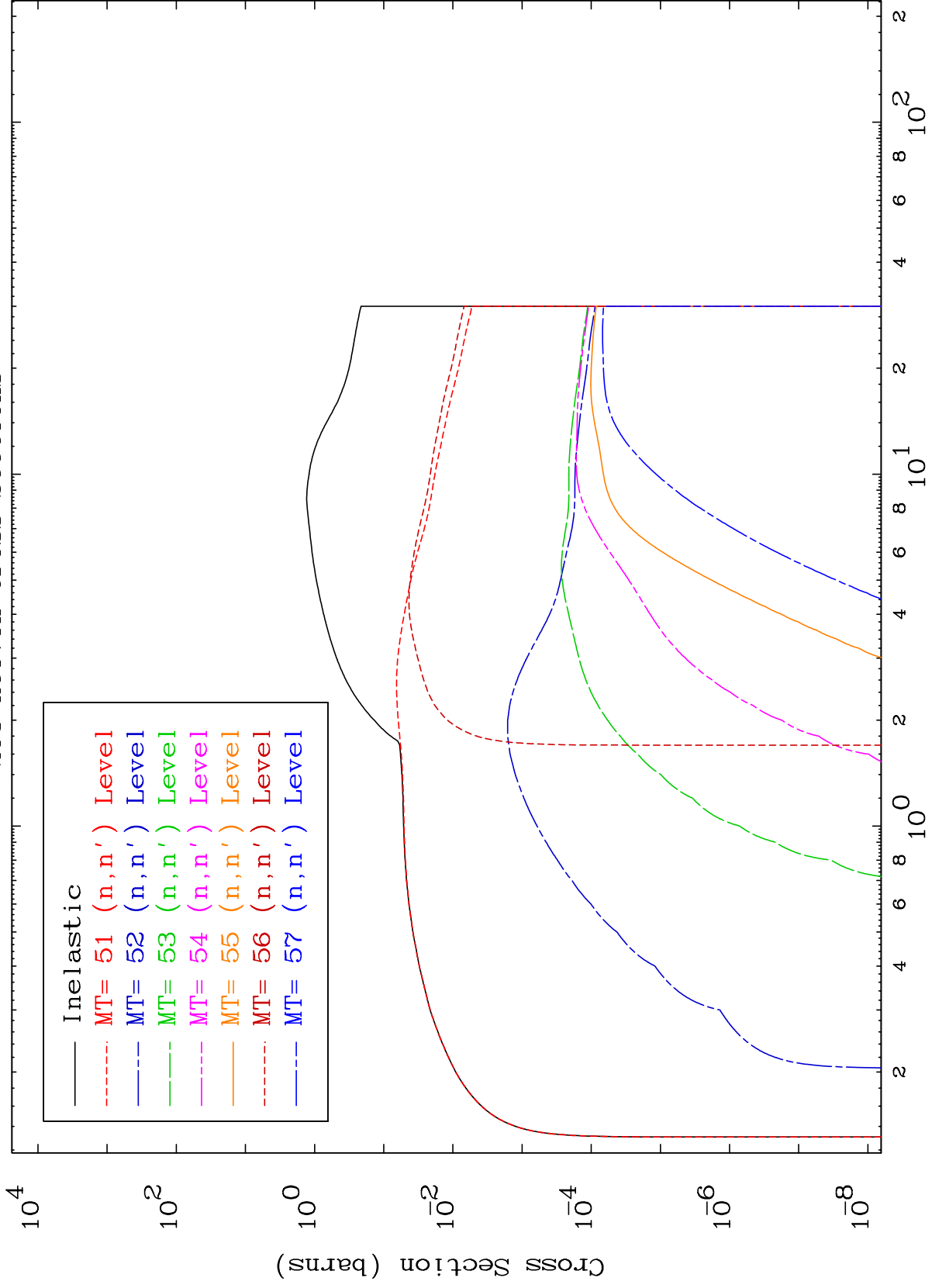
84-Po-197



MAT 8398

293 Kelvin Cross Sections

84-Po-197



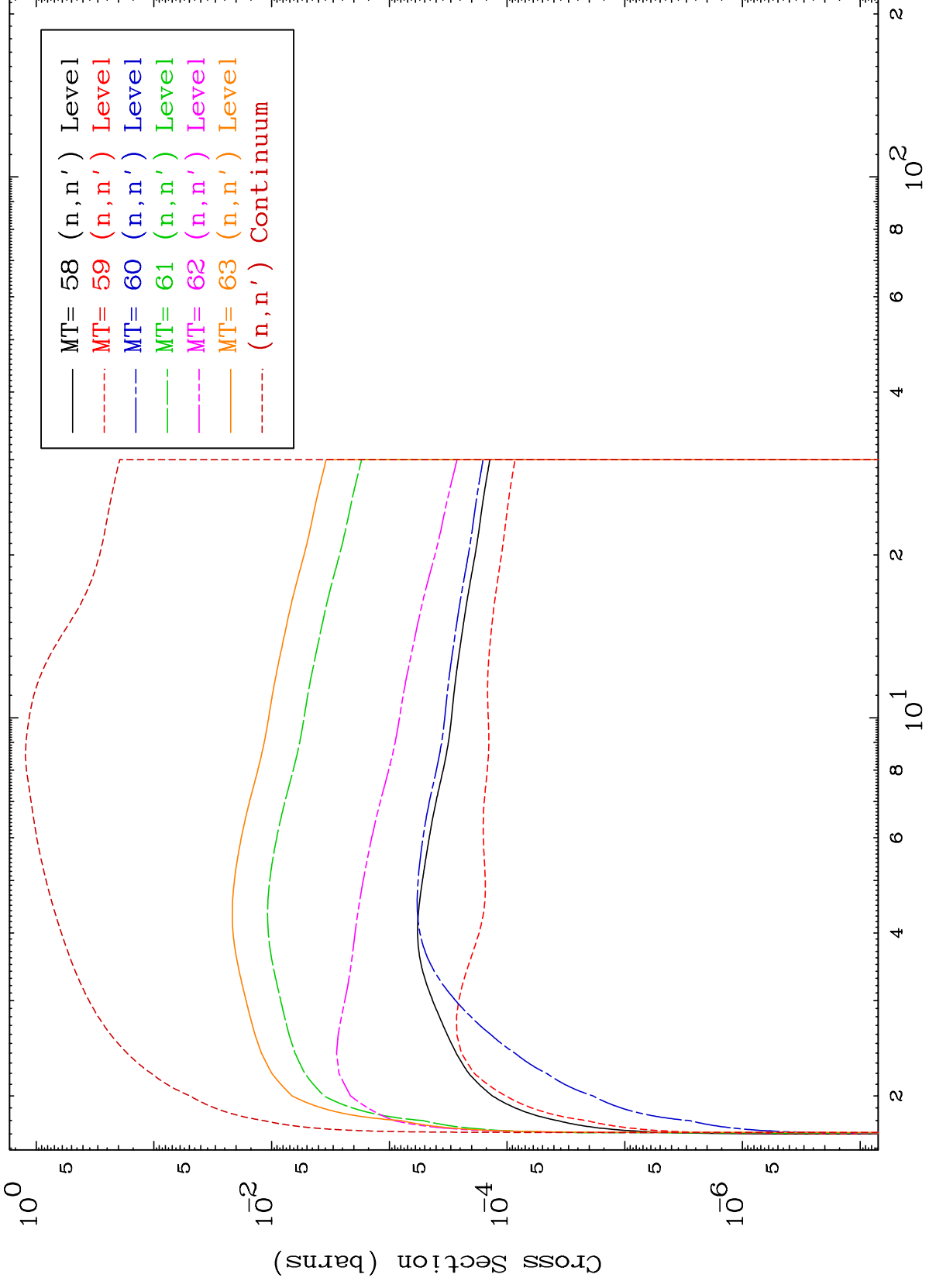


MAT 8398

(n,n') Level

84-Po-197

293 Kelvin Cross Sections



8

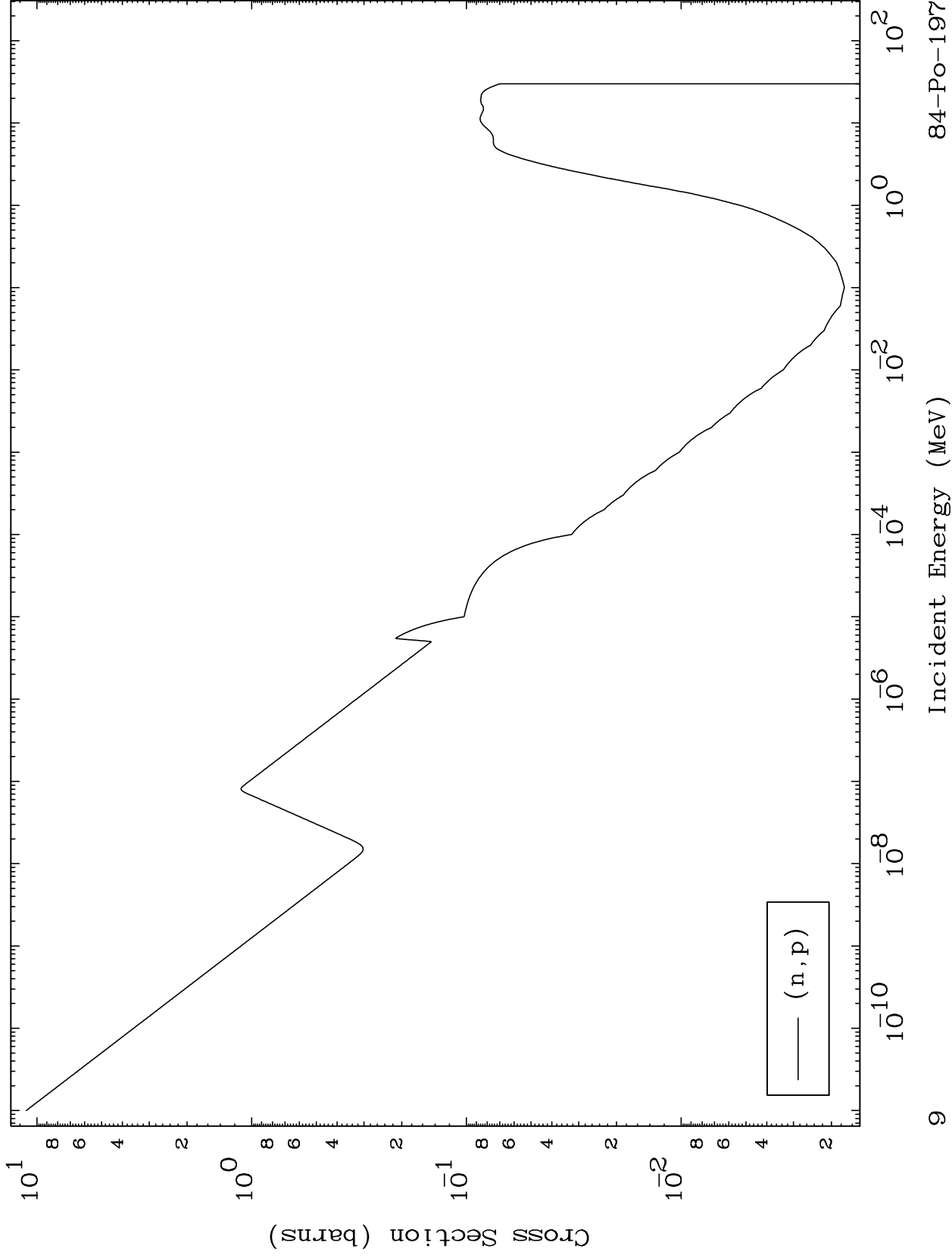
Incident Energy (MeV)

84-Po-197

MAT 8398

(n,p) Levels  
293 Kelvin Cross Sections

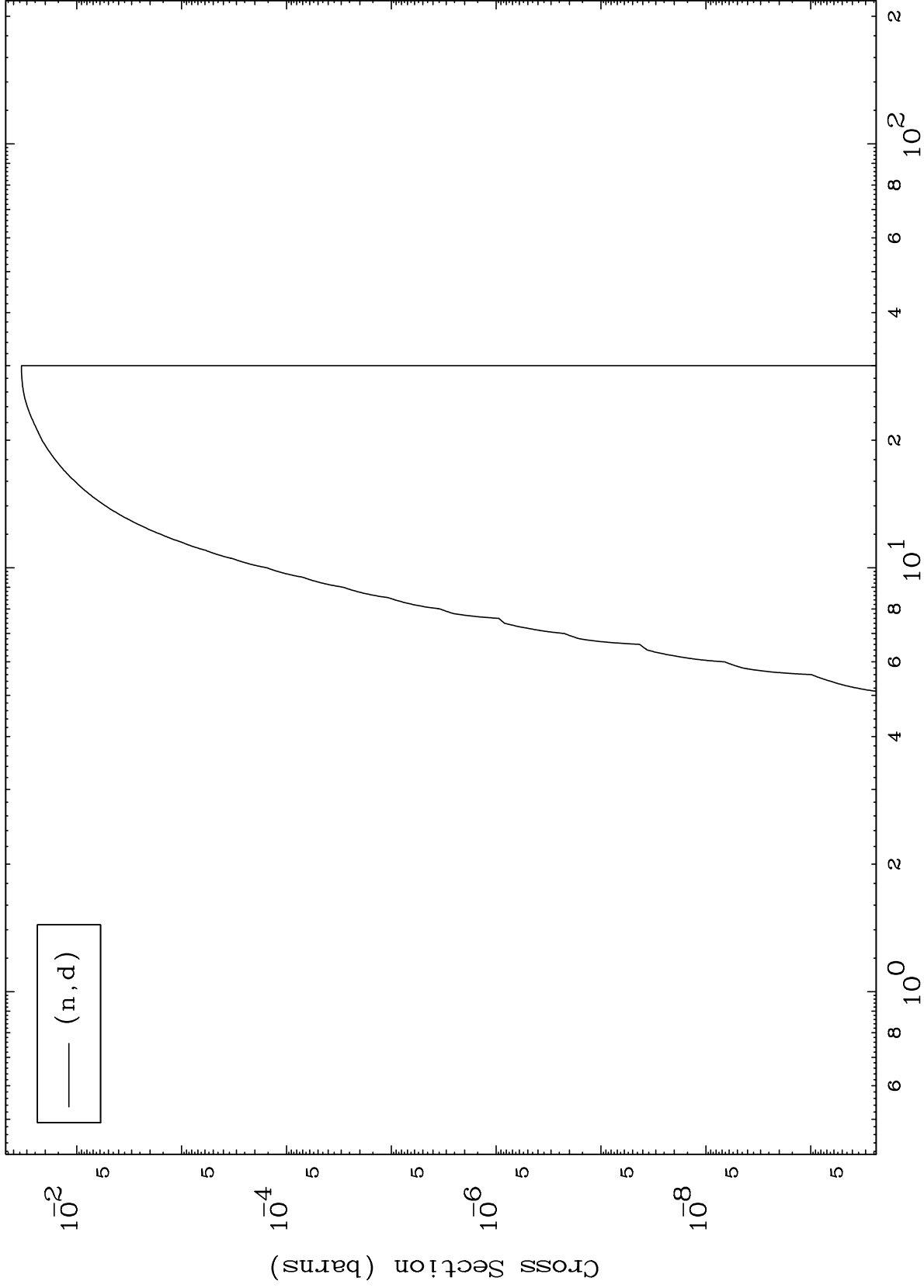
84-Po-197



MAT 8398

(n,d) Levels  
293 Kelvin Cross Sections

84-Po-197



10

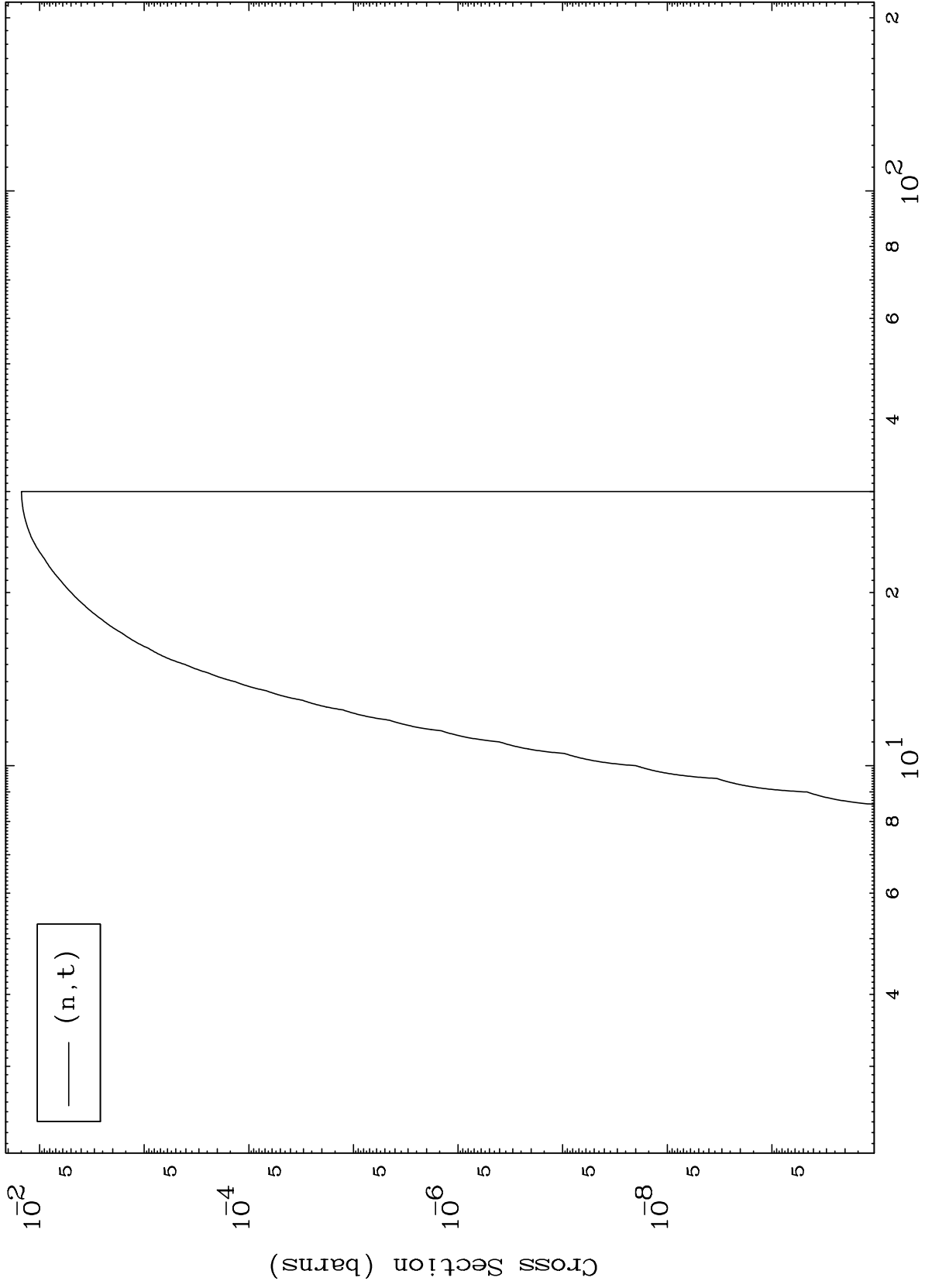
Incident Energy (MeV)

84-Po-197

MAT 8398

(n,t) Levels  
293 Kelvin Cross Sections

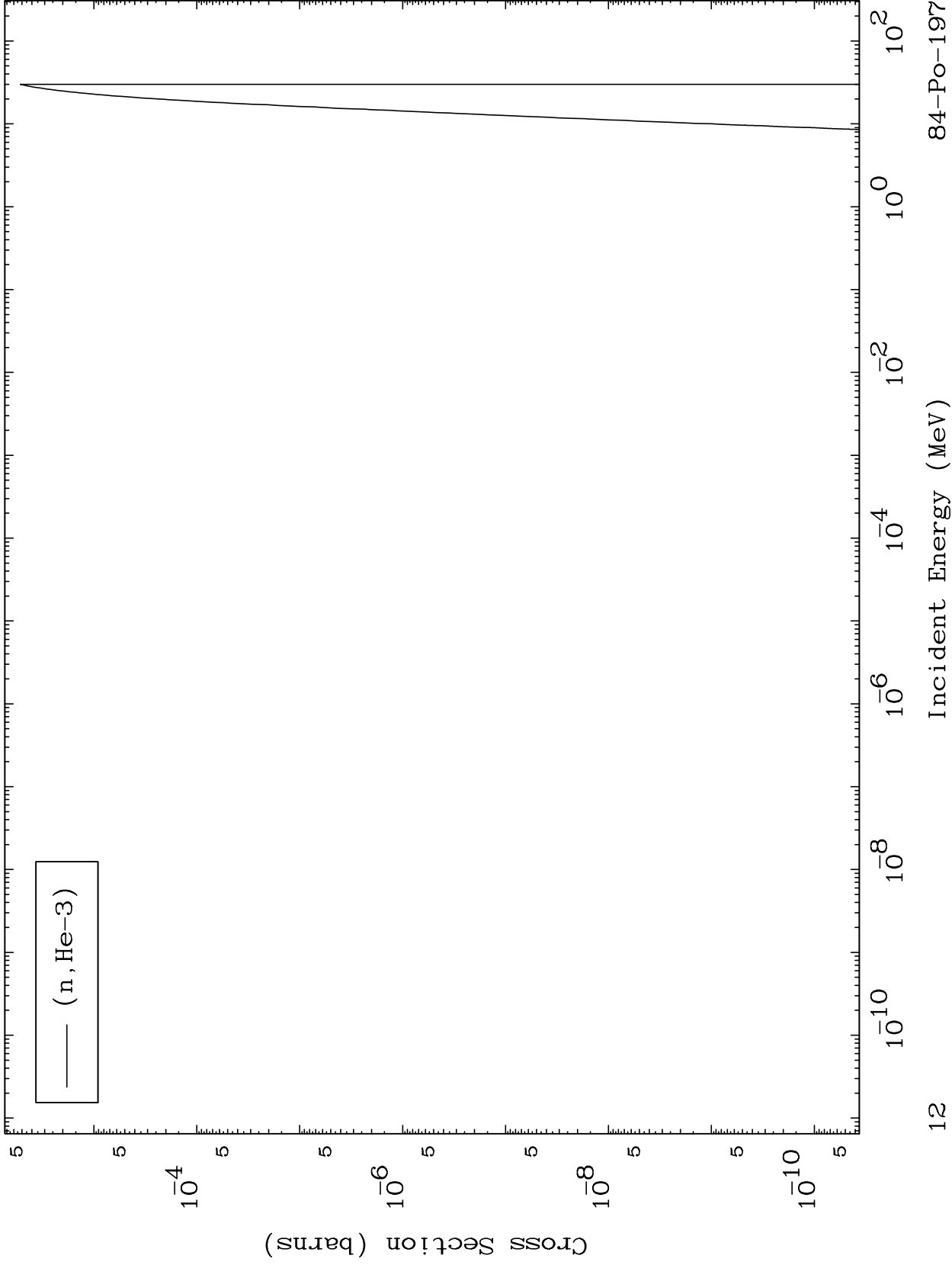
84-Po-197



MAT 8398

(n,He3) Levels  
293 Kelvin Cross Sections

84-Po-197



12

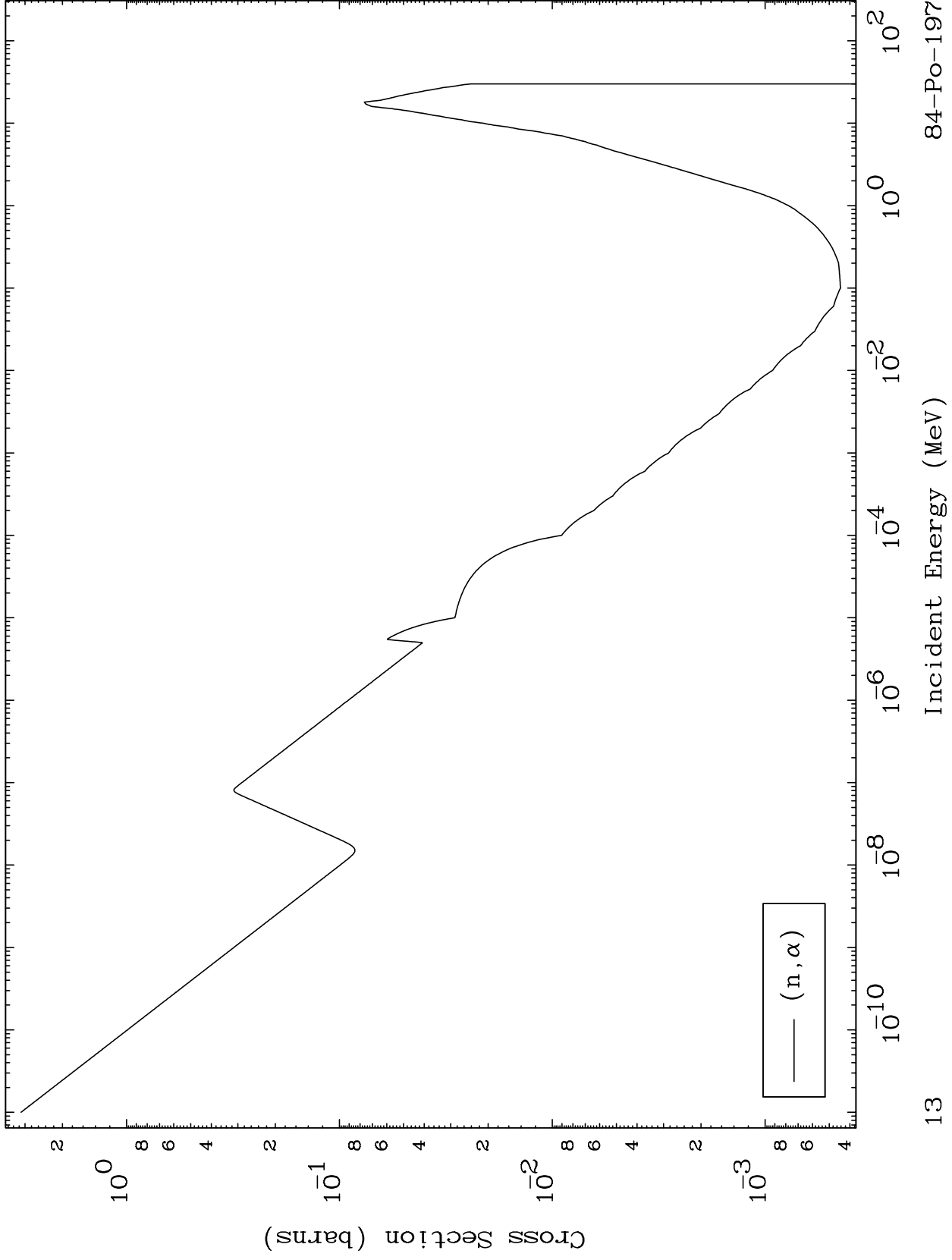
Incident Energy (MeV)

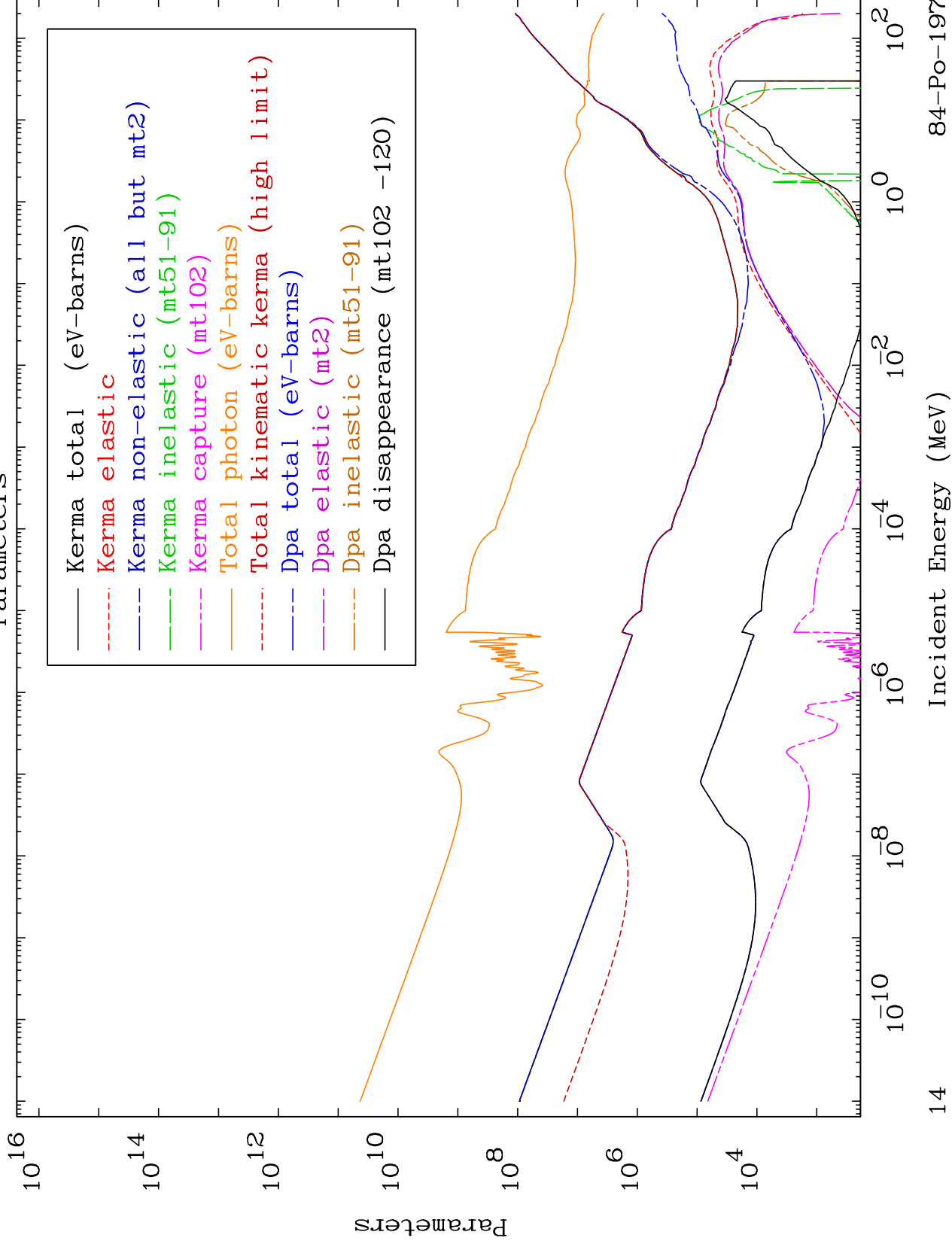
84-Po-197

MAT 8398

(n,α) Levels  
293 Kelvin Cross Sections

84-Po-197

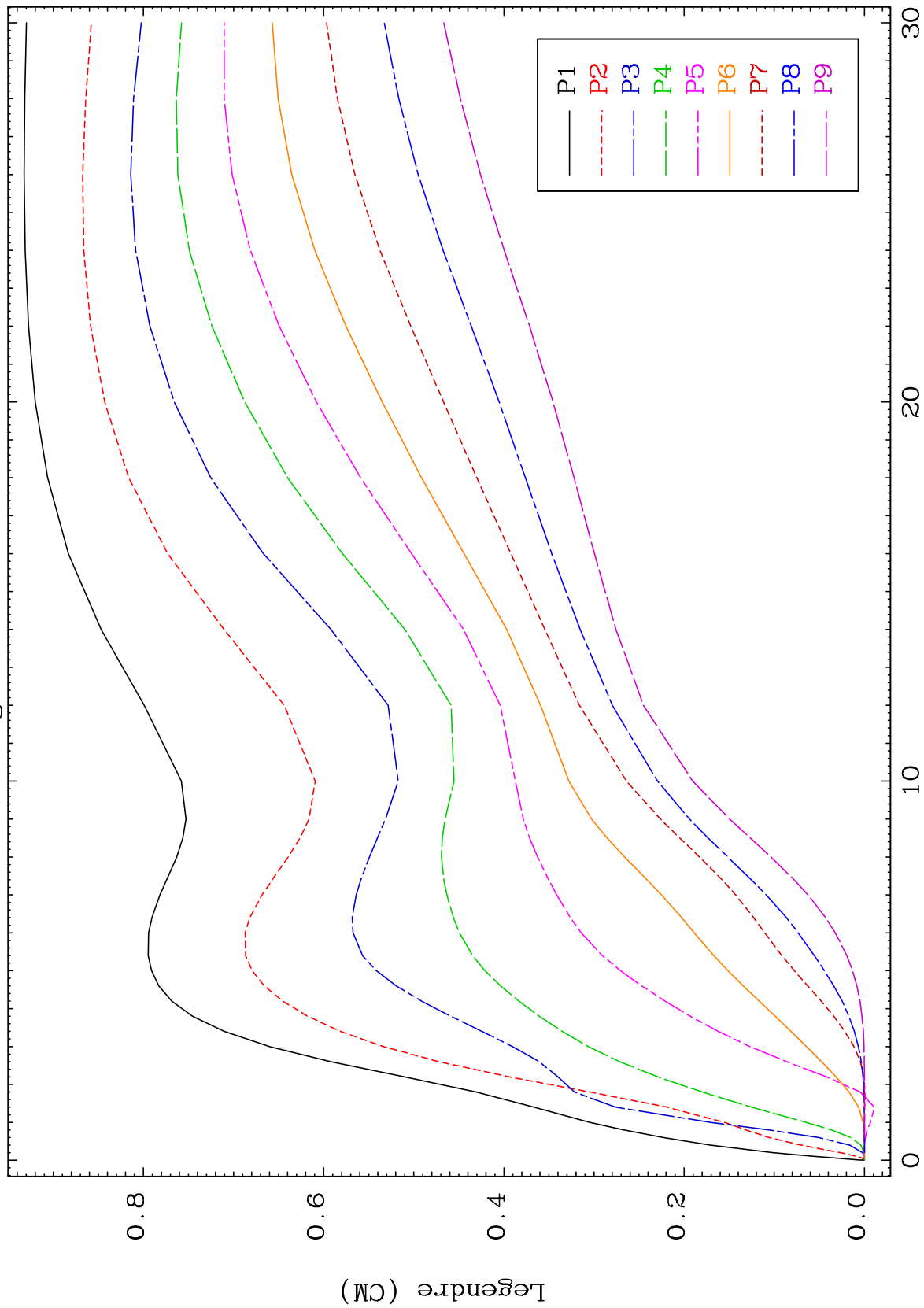




MAT 8398

Elastic Legendre Coefficients

84-Po-197



15

Incident Energy (MeV)

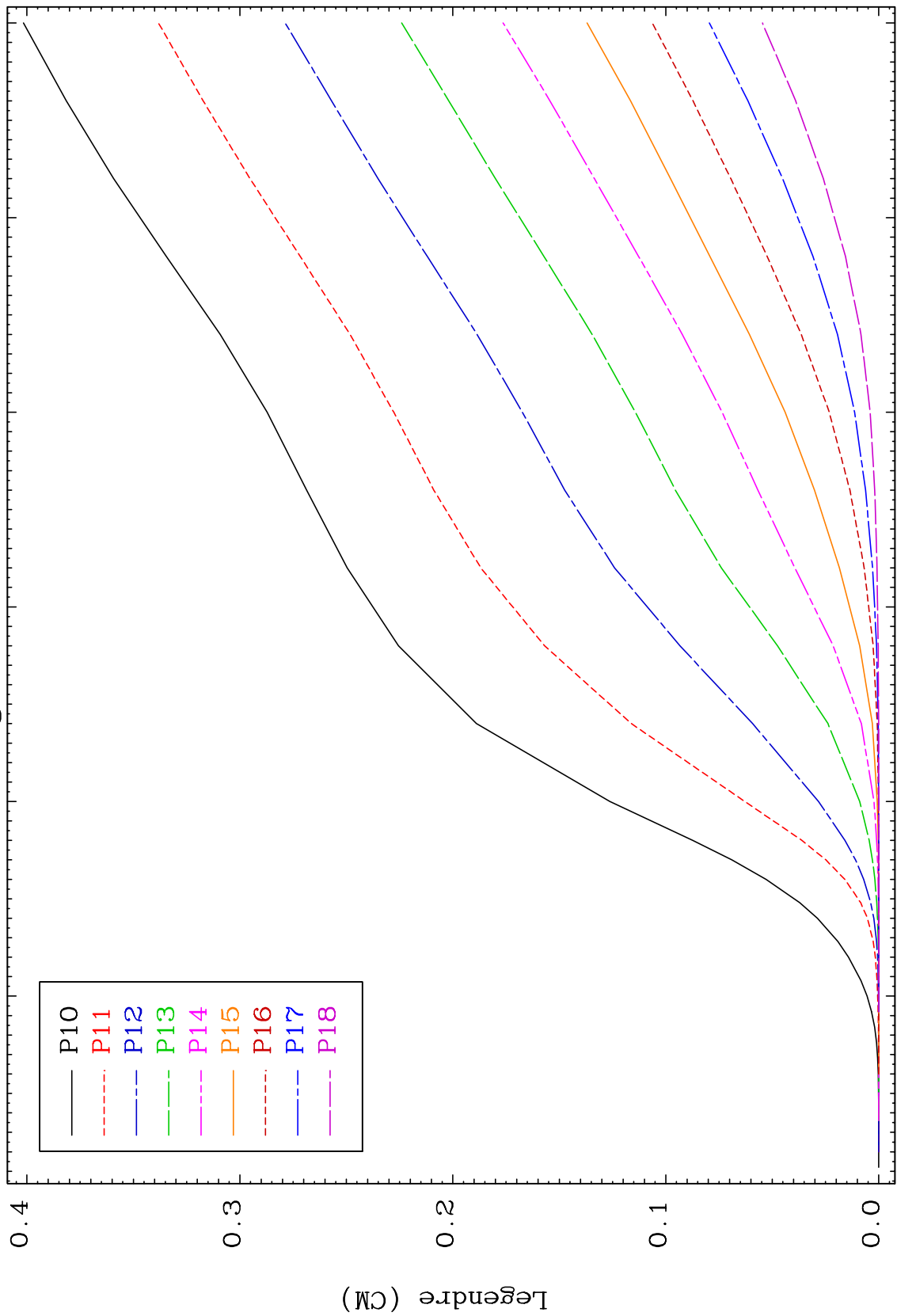
84-Po-197



MAT 8398

Elastic Legendre Coefficients

84-Po-197



16

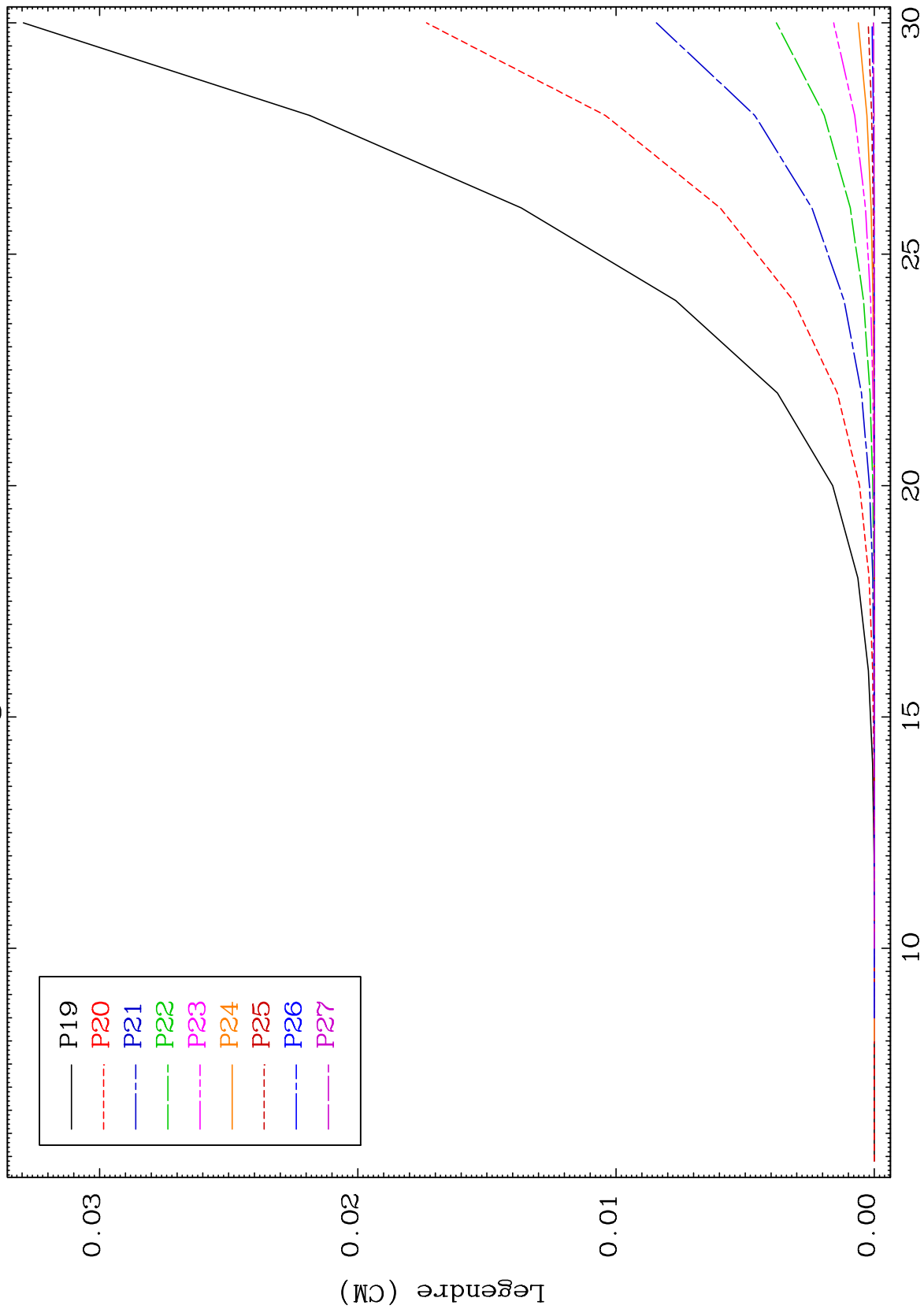
Incident Energy (MeV)

84-Po-197

MAT 8398

Elastic Legendre Coefficients

84-Po-197



17

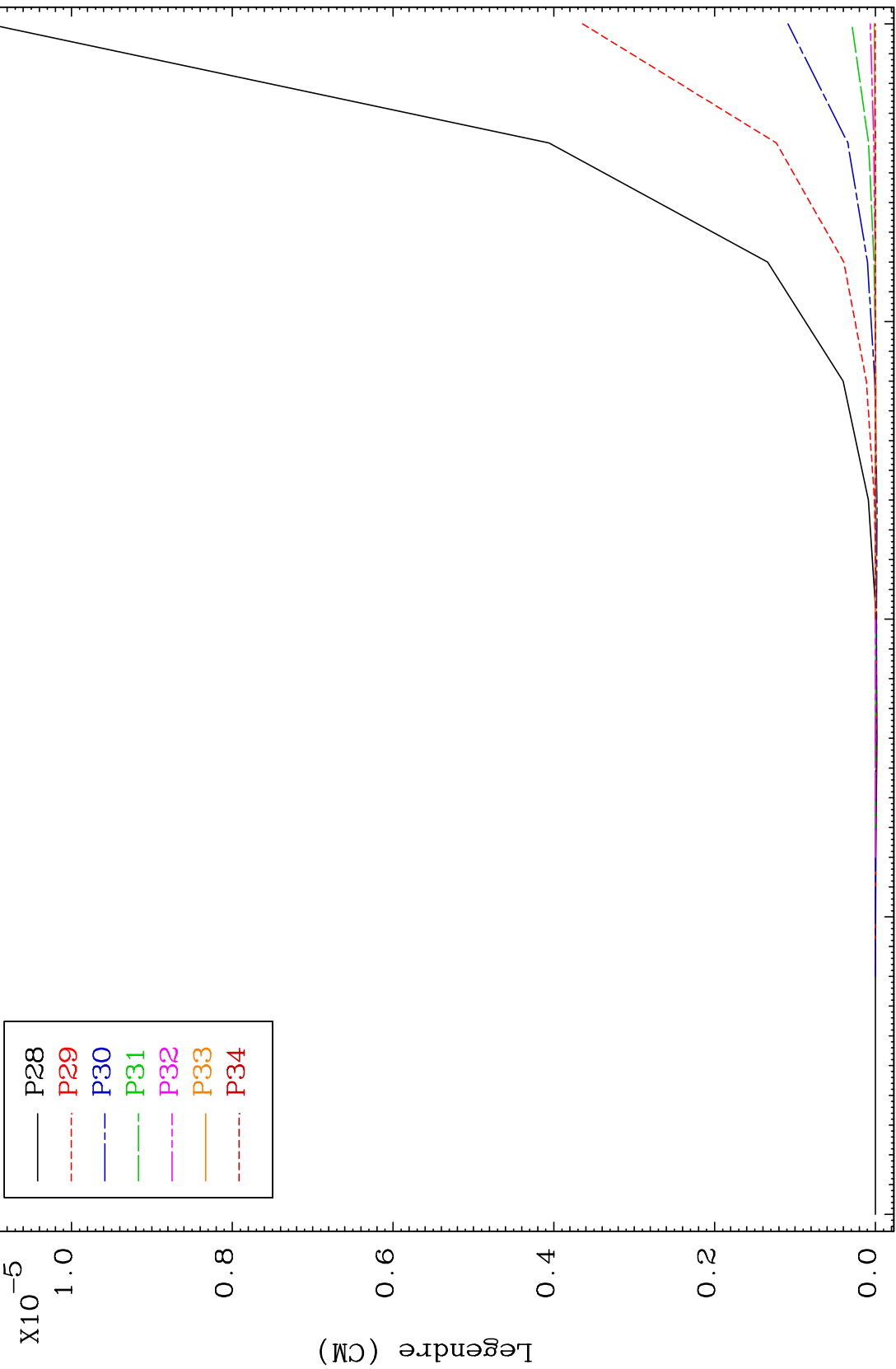
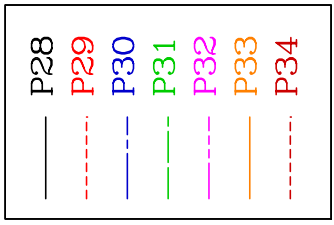
Incident Energy (MeV)

84-Po-197

MAT 8398

Elastic Legendre Coefficients

84-Po-197



18

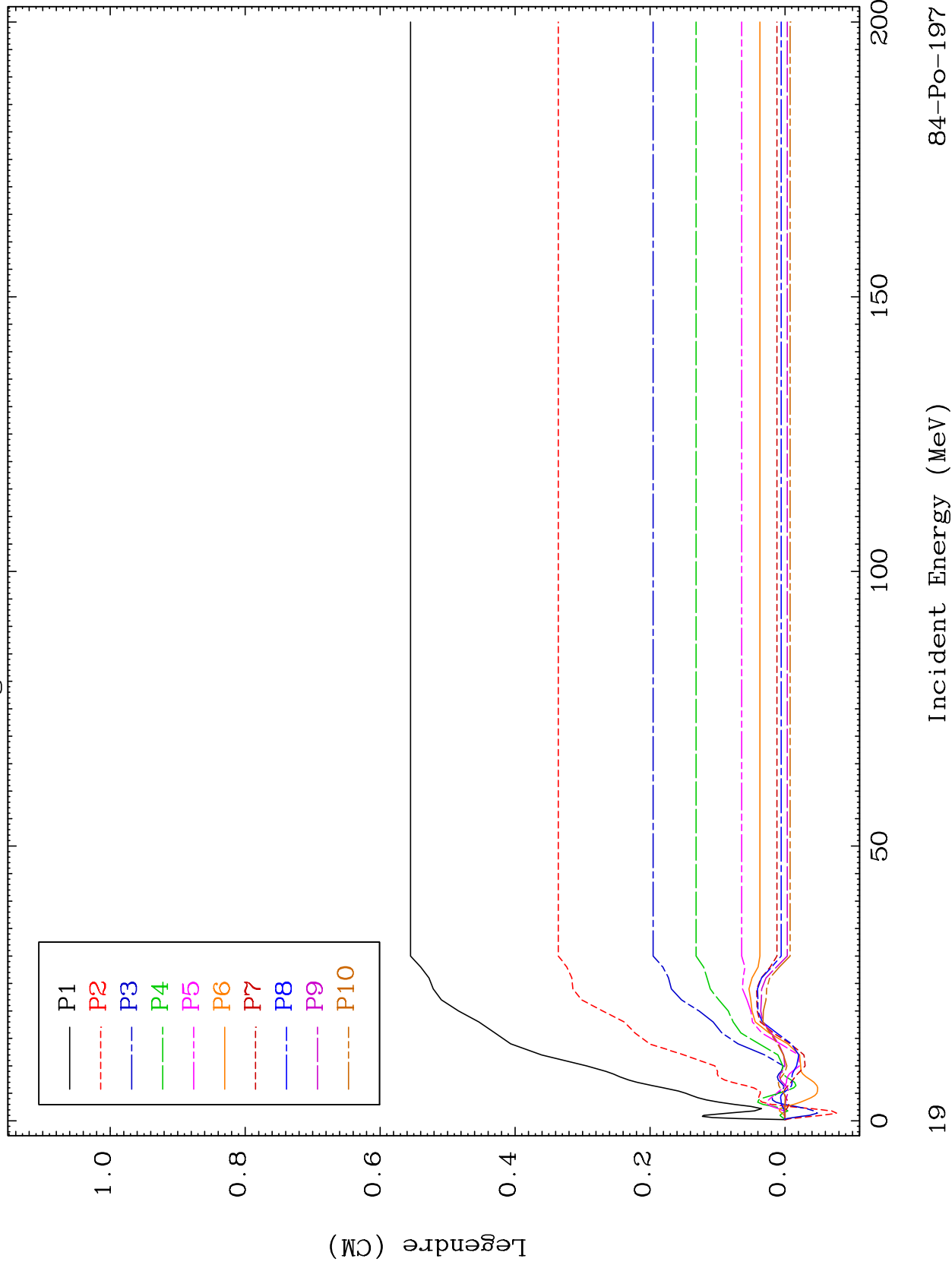
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197

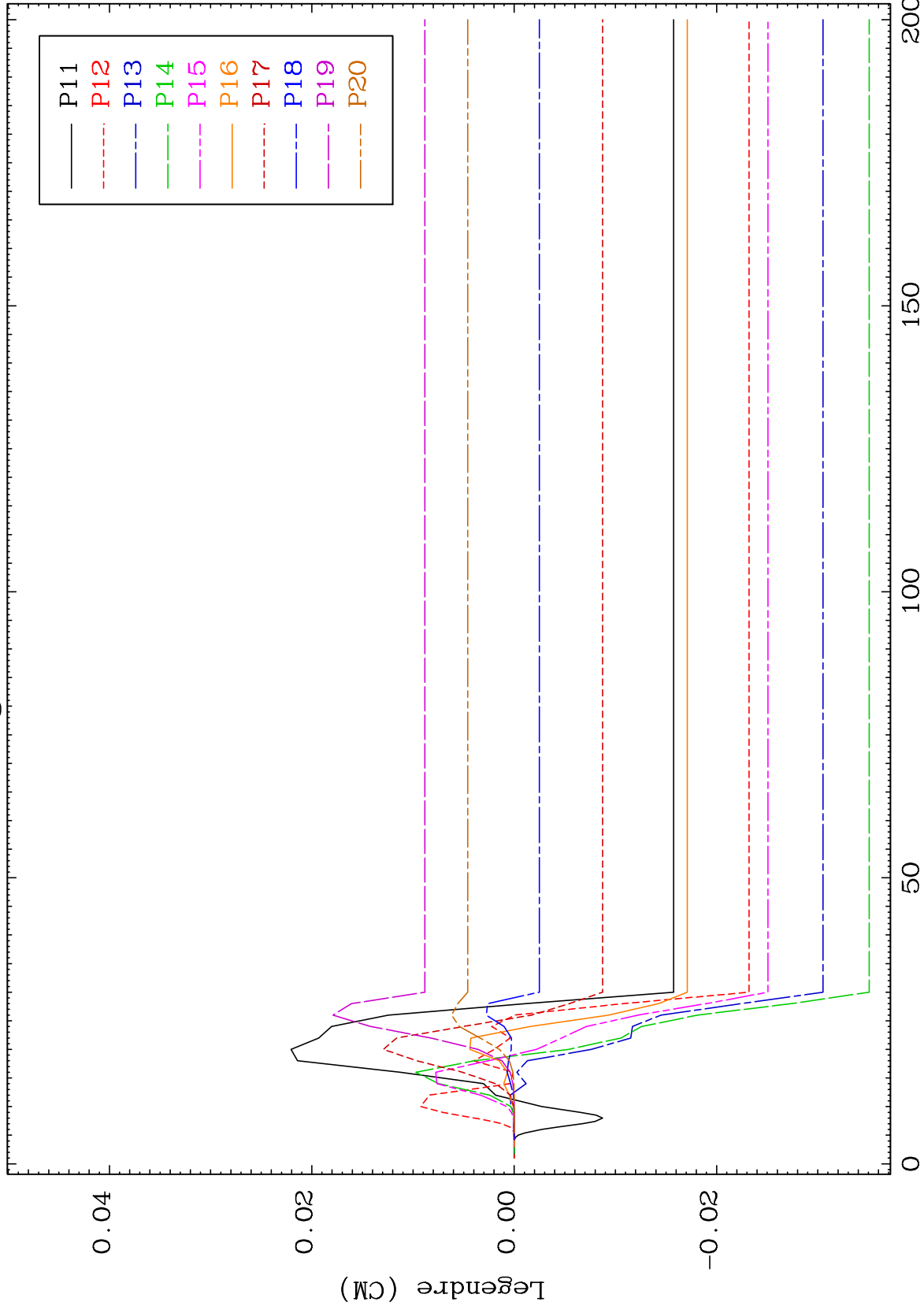


19

MAT 8398

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

84-Po-197



20

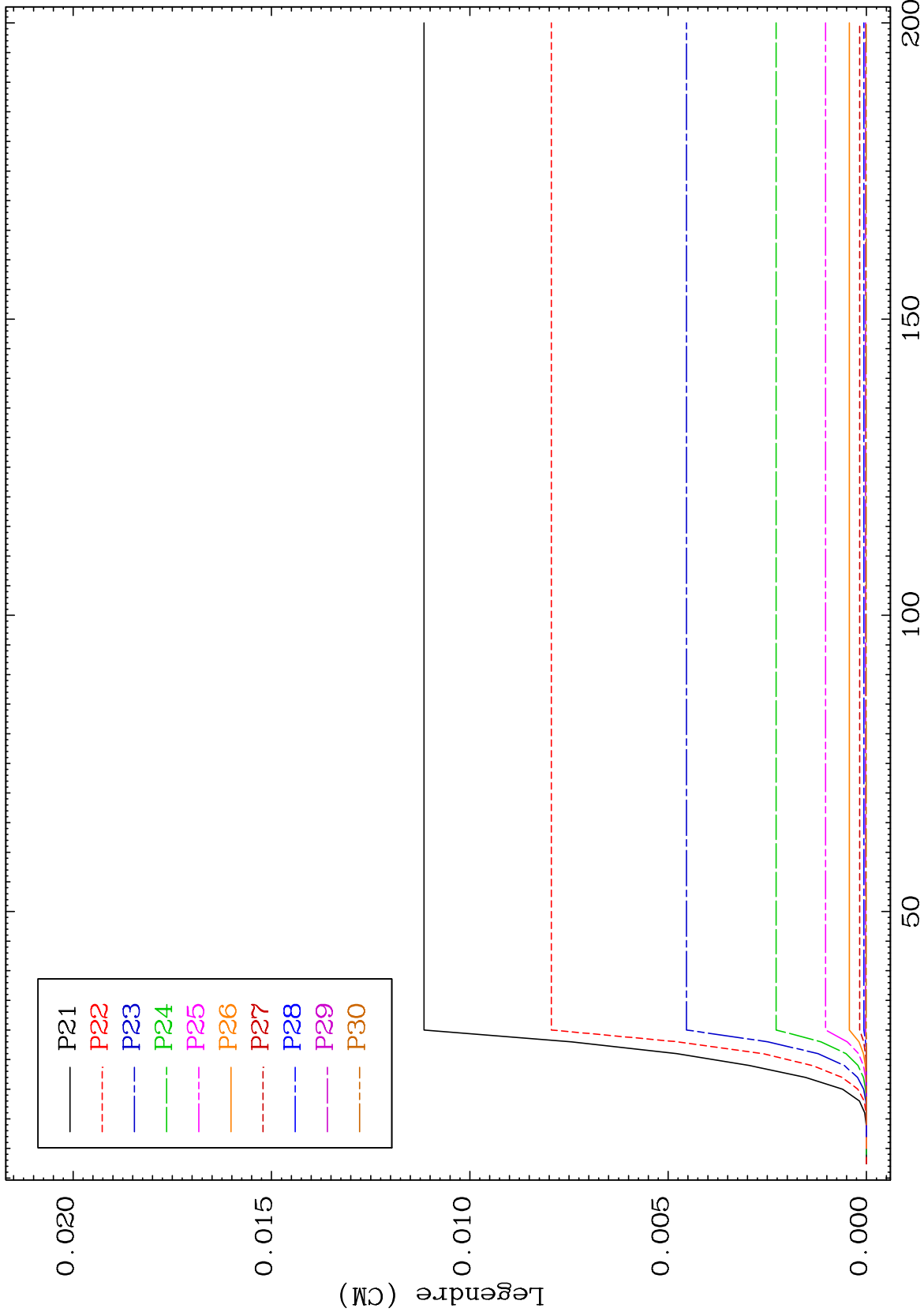
Incident Energy (MeV)

84-Po-197

MAT 8398

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

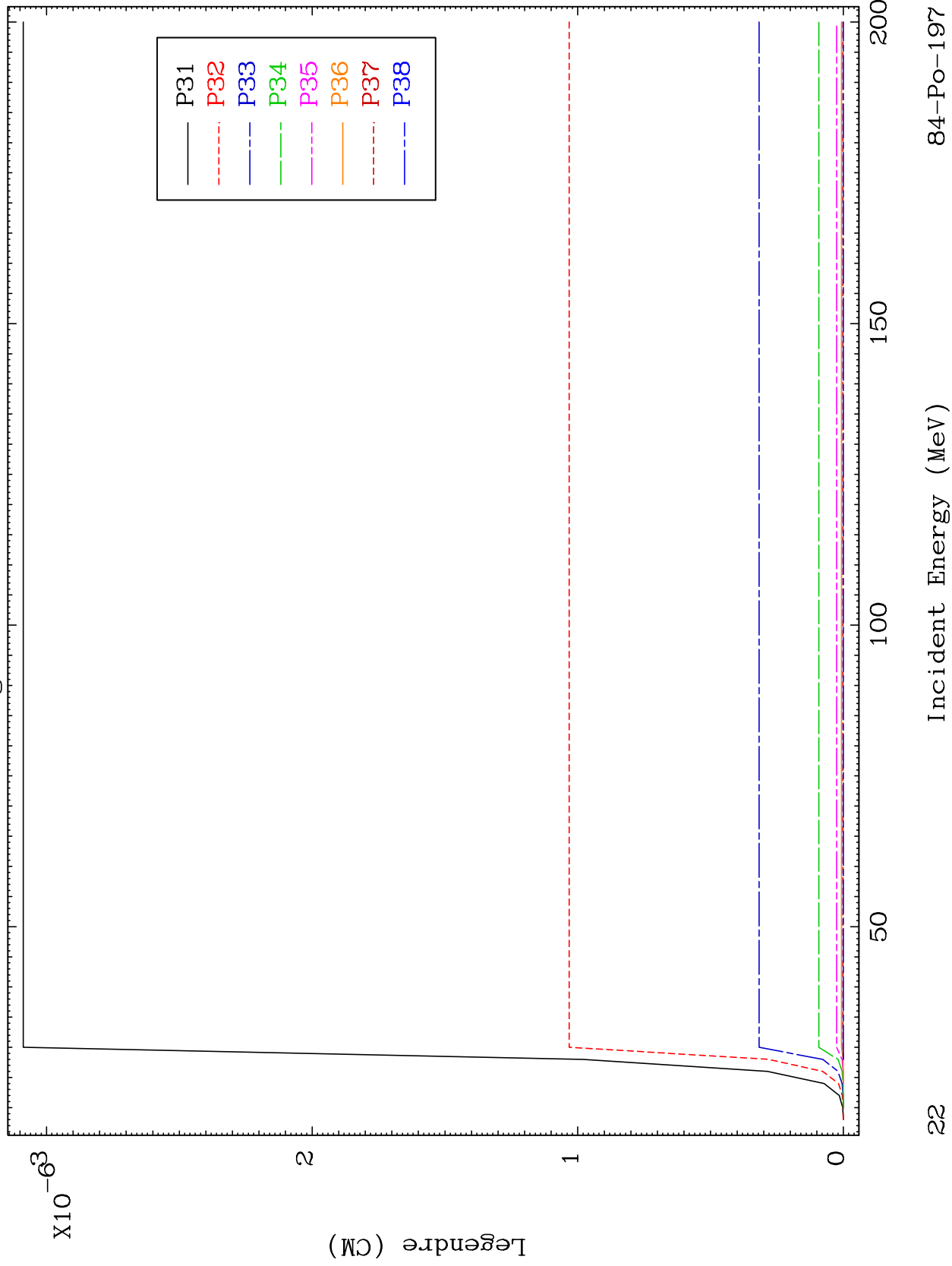
84-Po-197

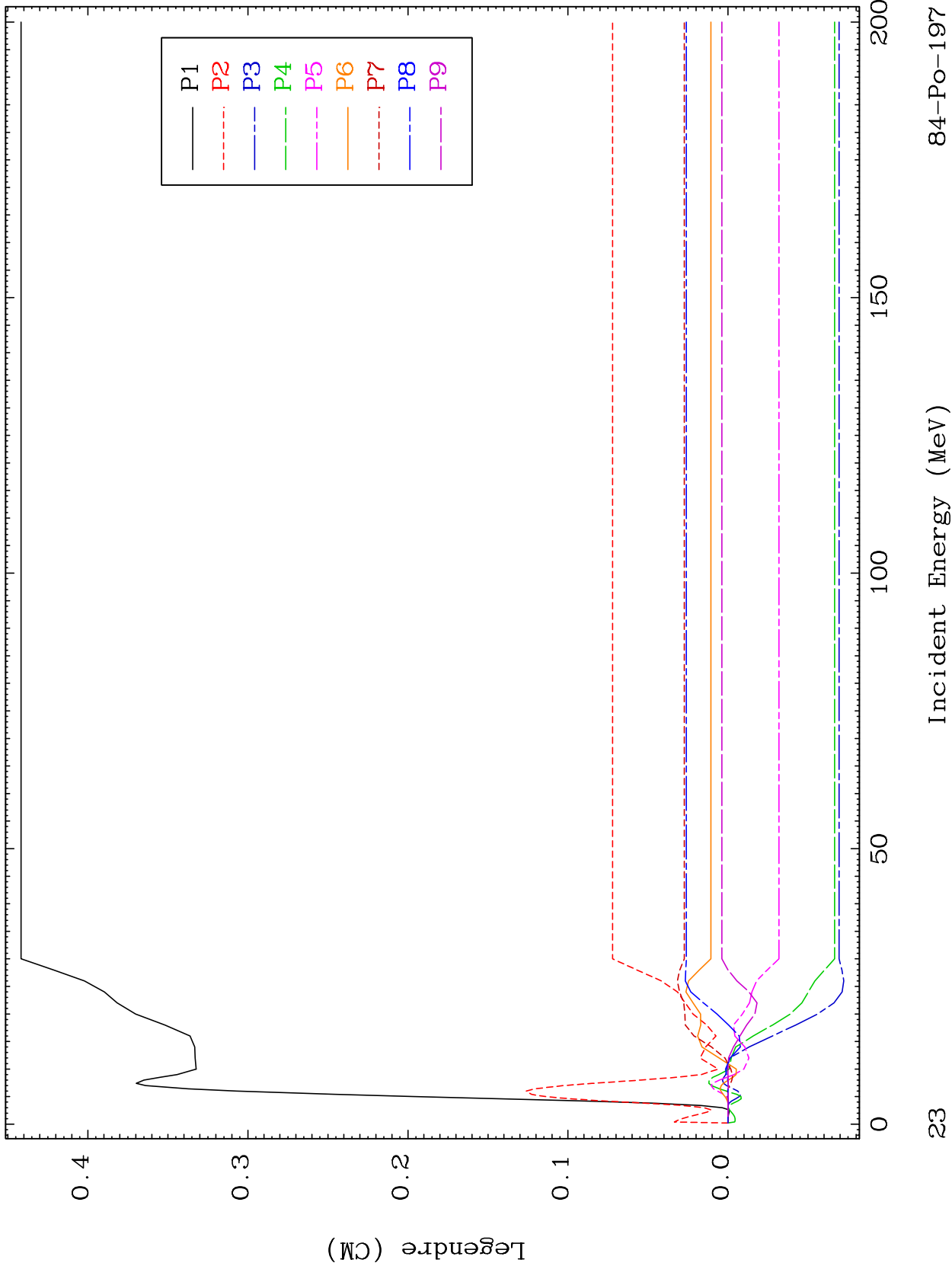


MAT 8398

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

84-Po-197



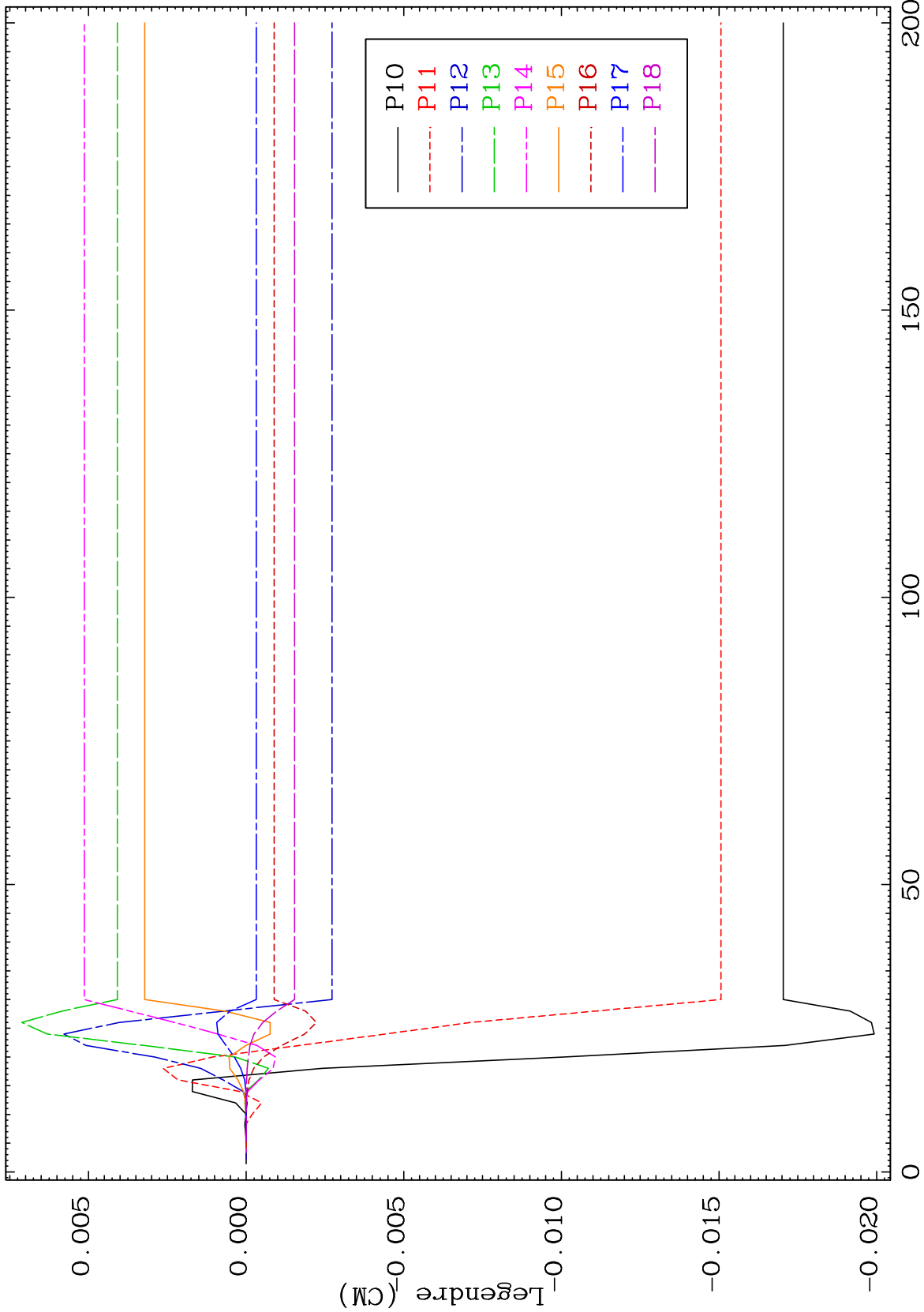




MAT 8398

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

84-Po-197



24

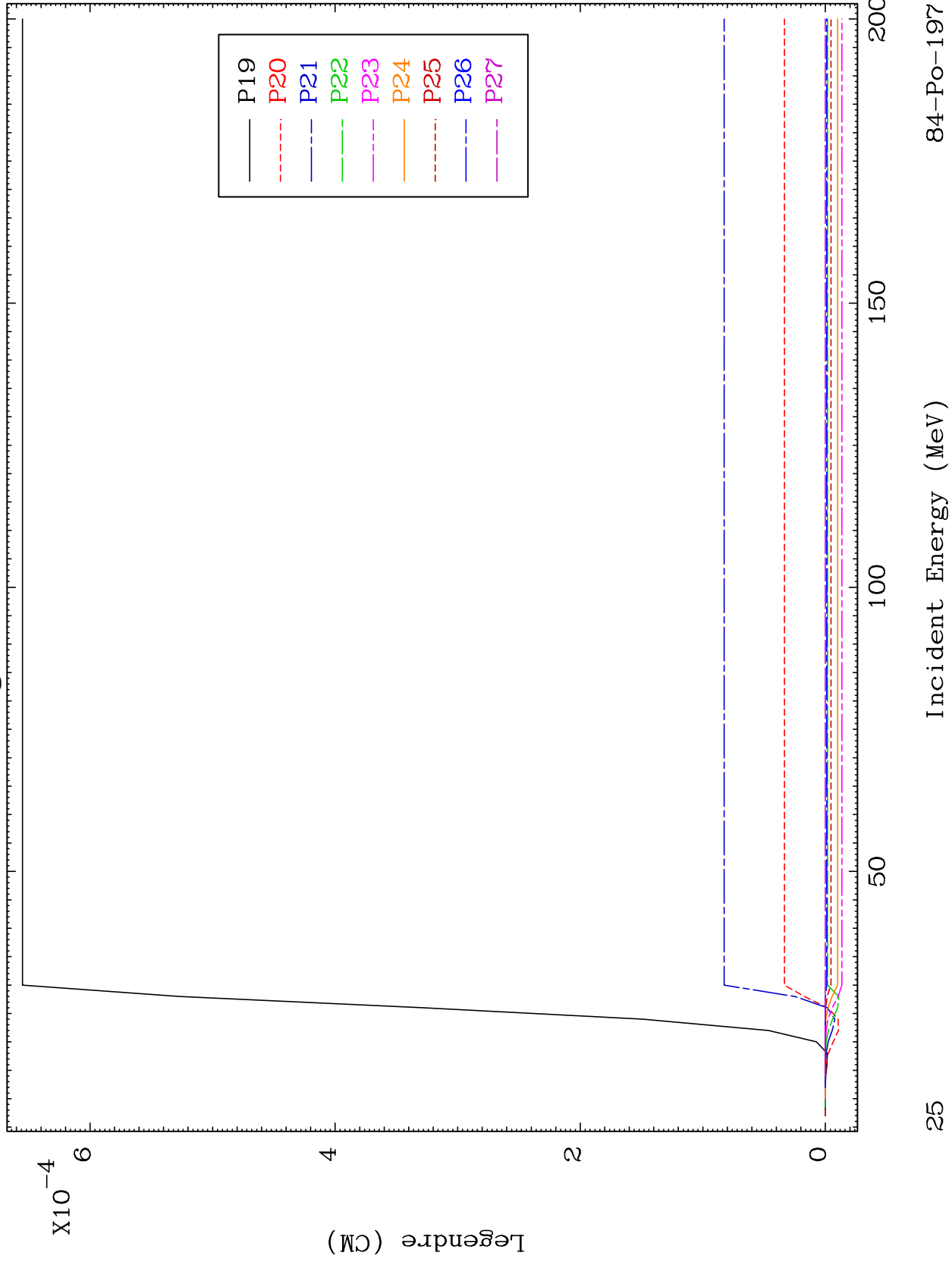
Incident Energy (MeV)

84-Po-197

MAT 8398

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

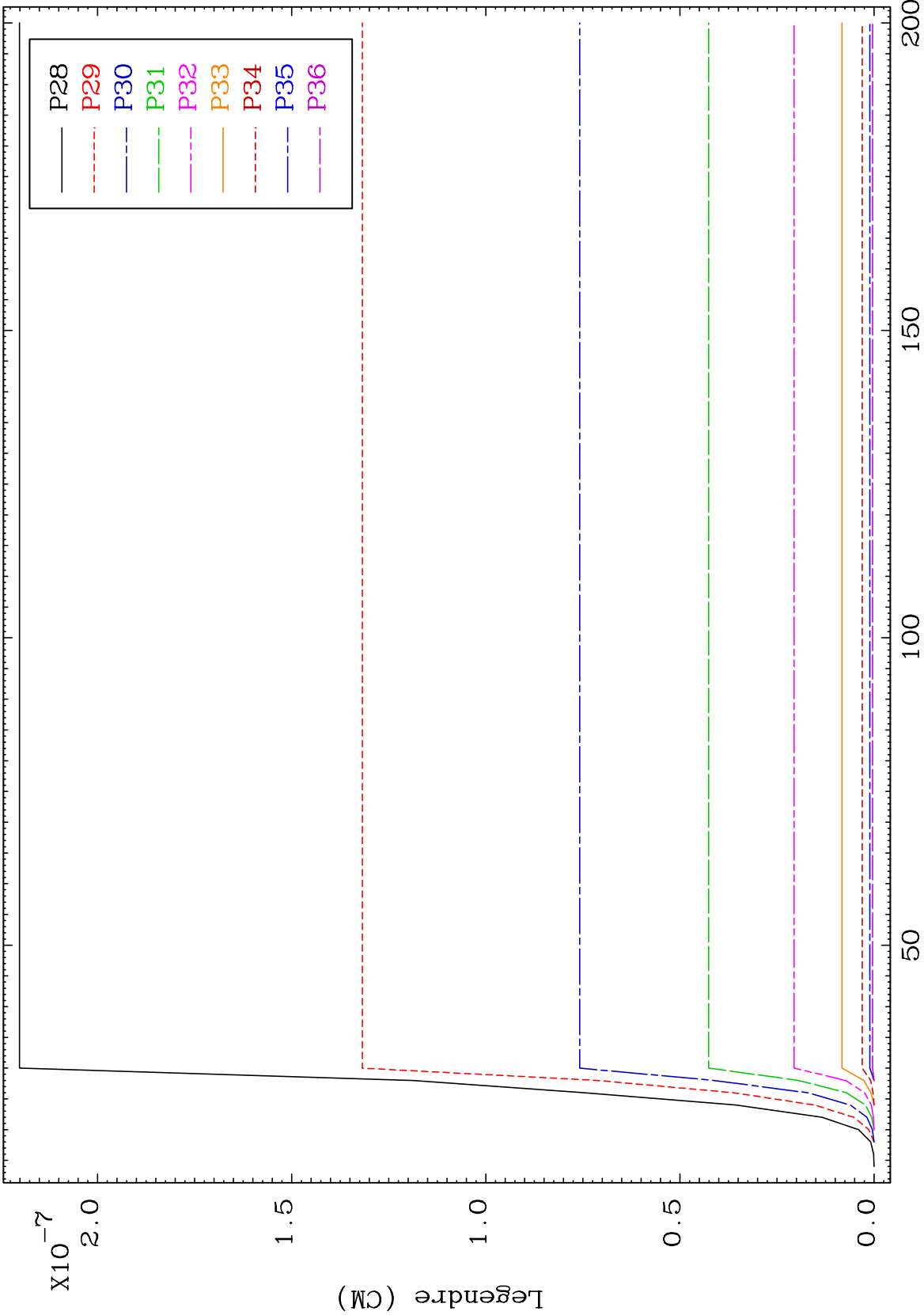
84-Po-197



MAT 8398

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

84-Po-197



26

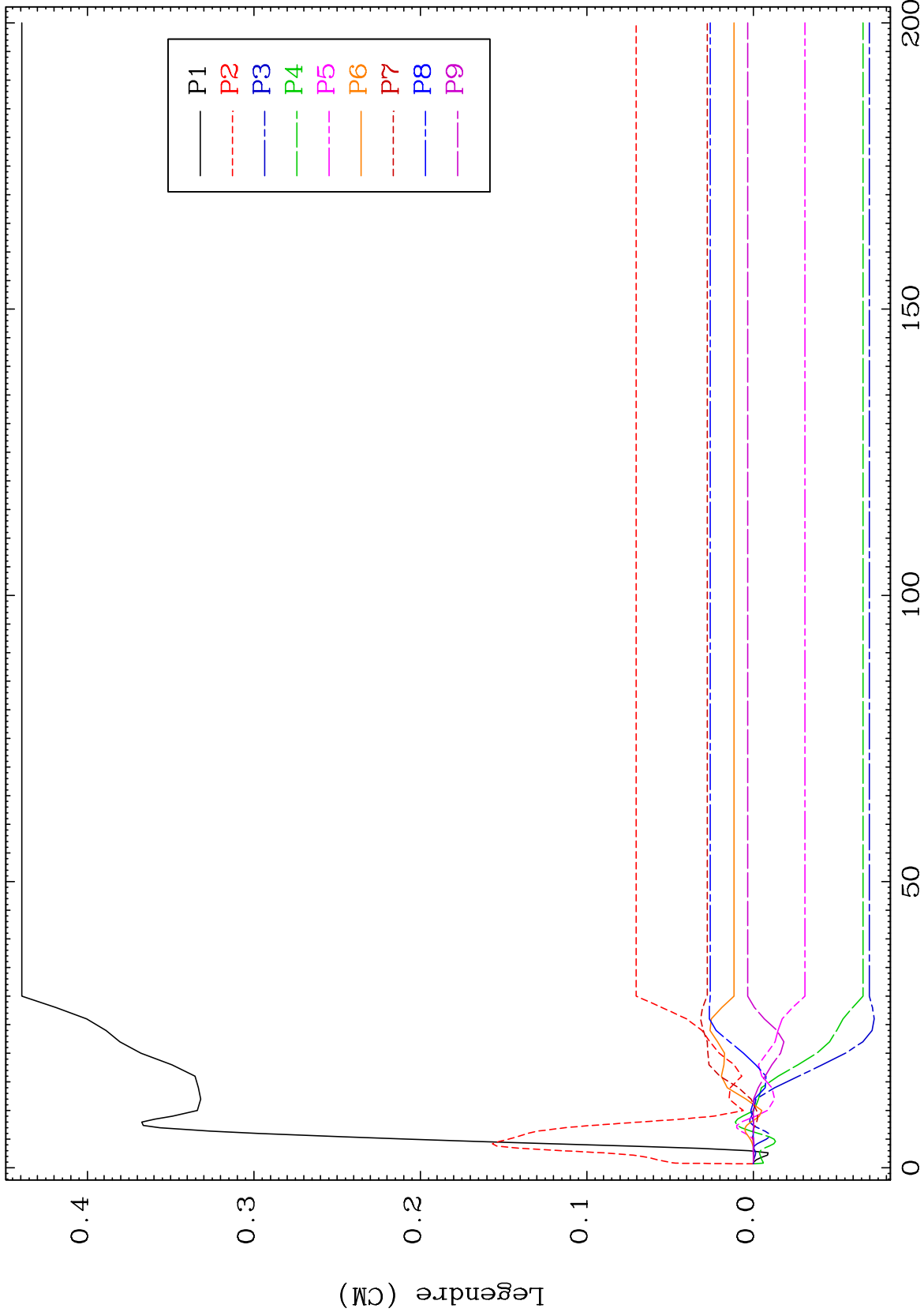
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



27

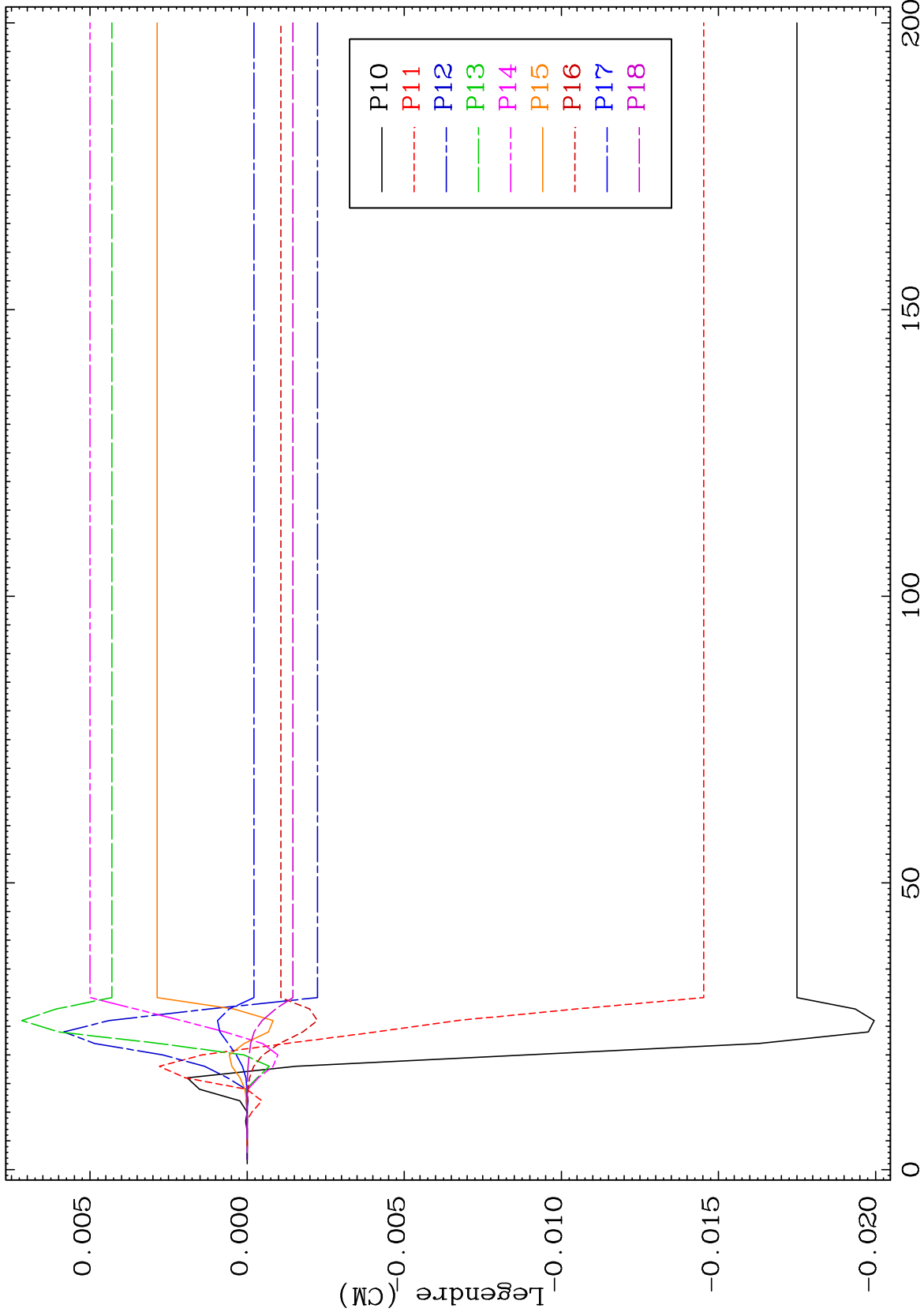
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



28

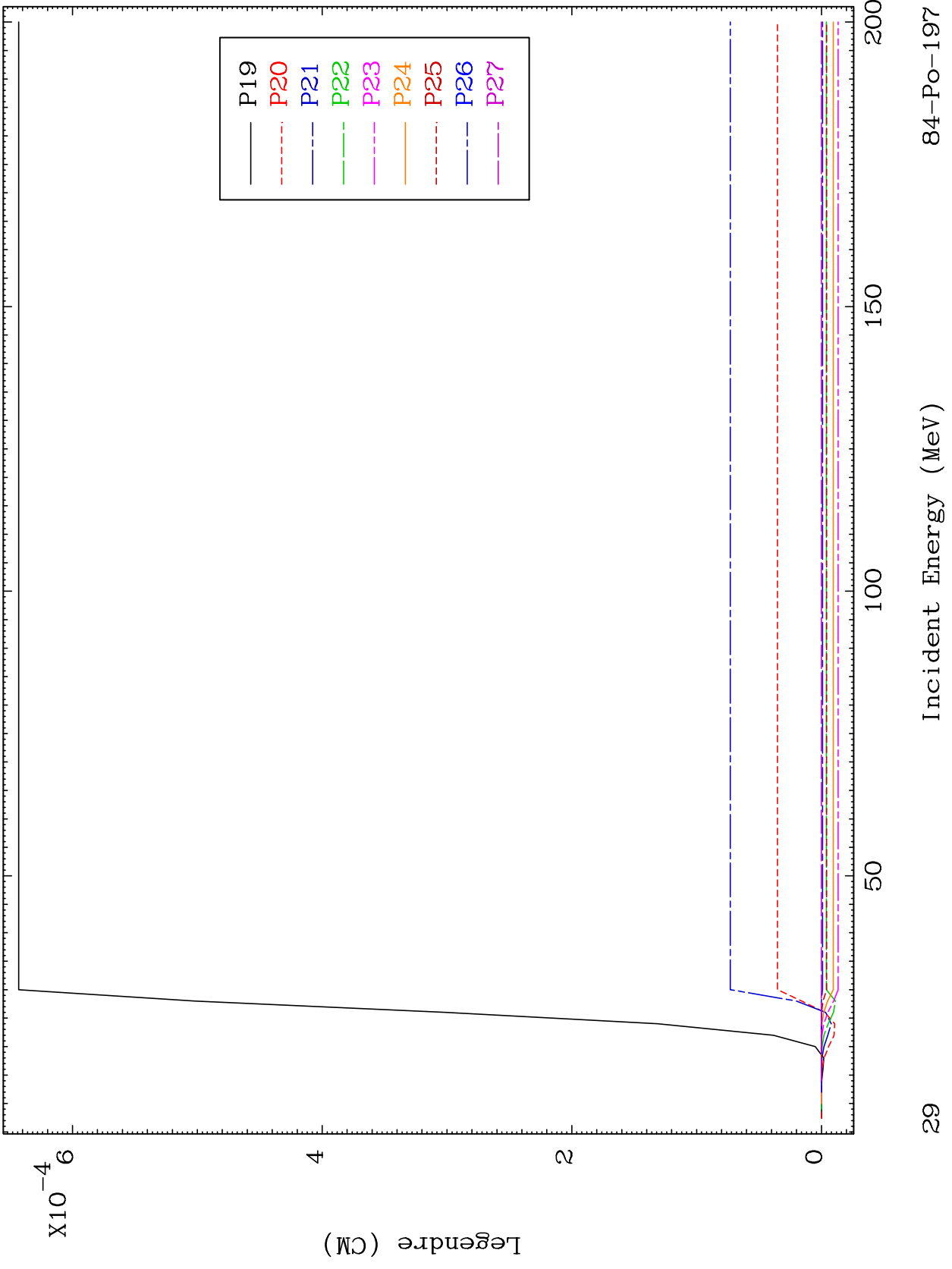
Incident Energy (MeV)

84-Po-197

MAT 8398

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

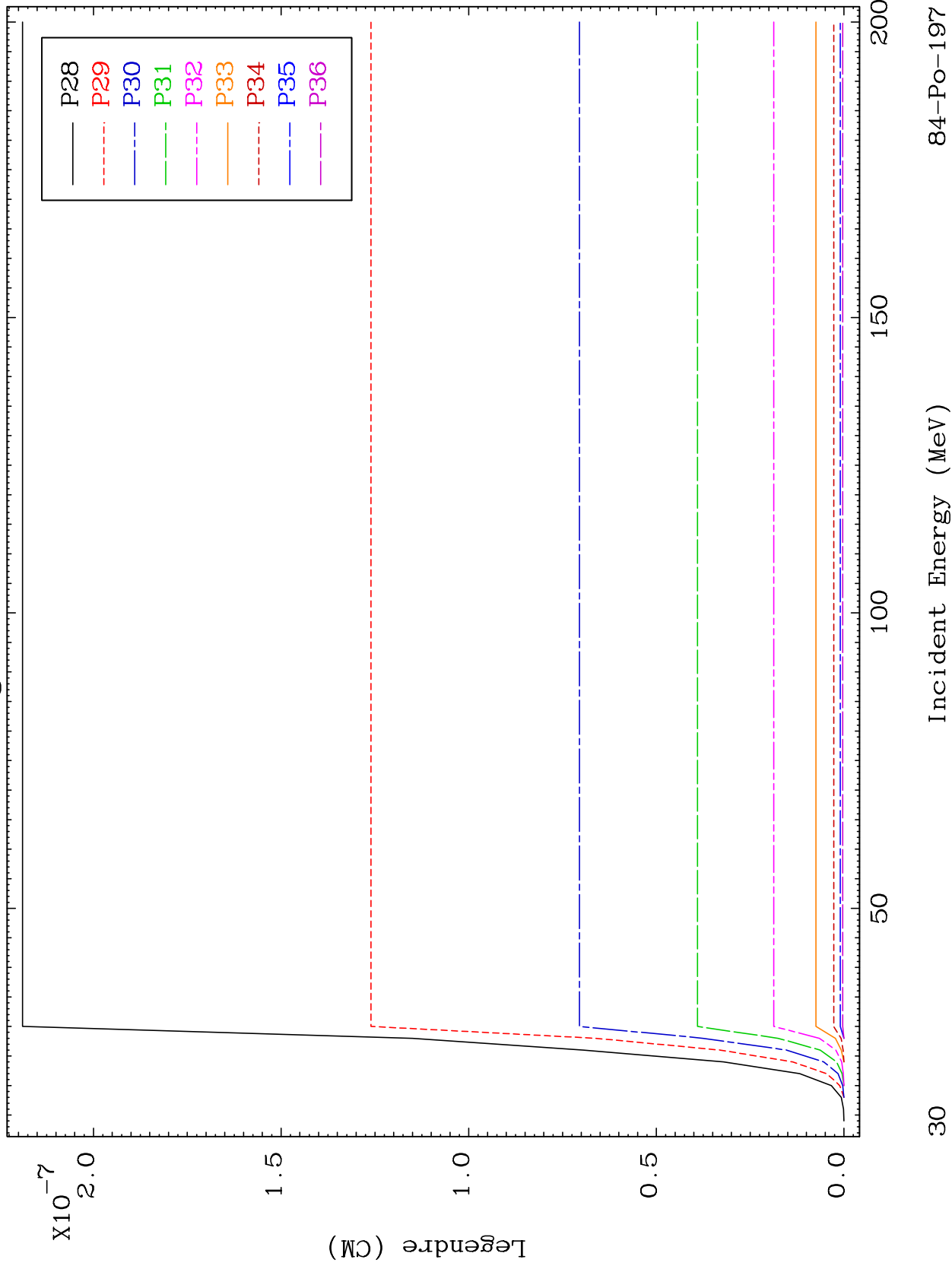
84-Po-197



MAT 8398

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

84-Po-197



84-Po-197

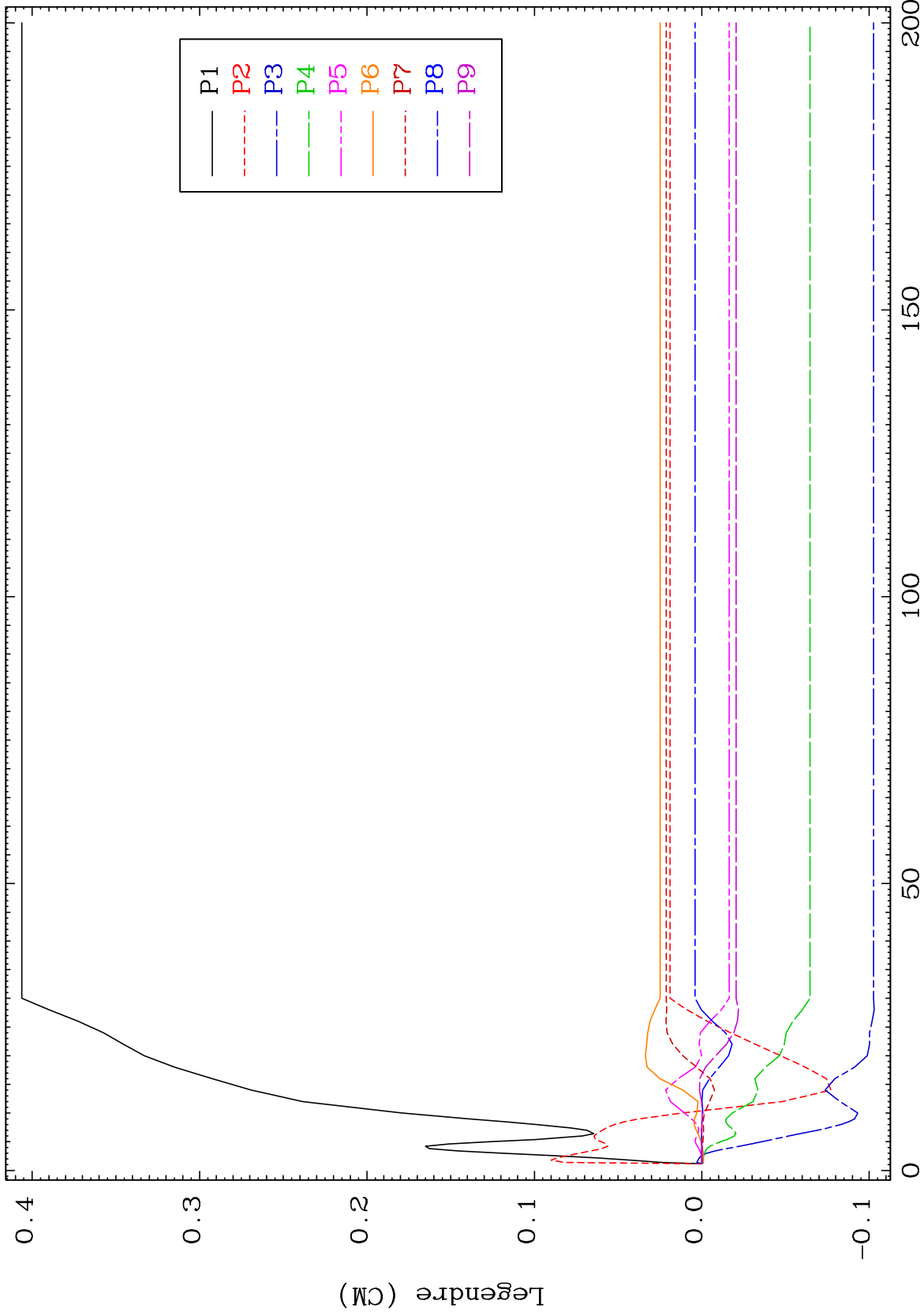
Incident Energy (MeV)

30

MAT 8398

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

84-Po-197



31

Incident Energy (MeV)

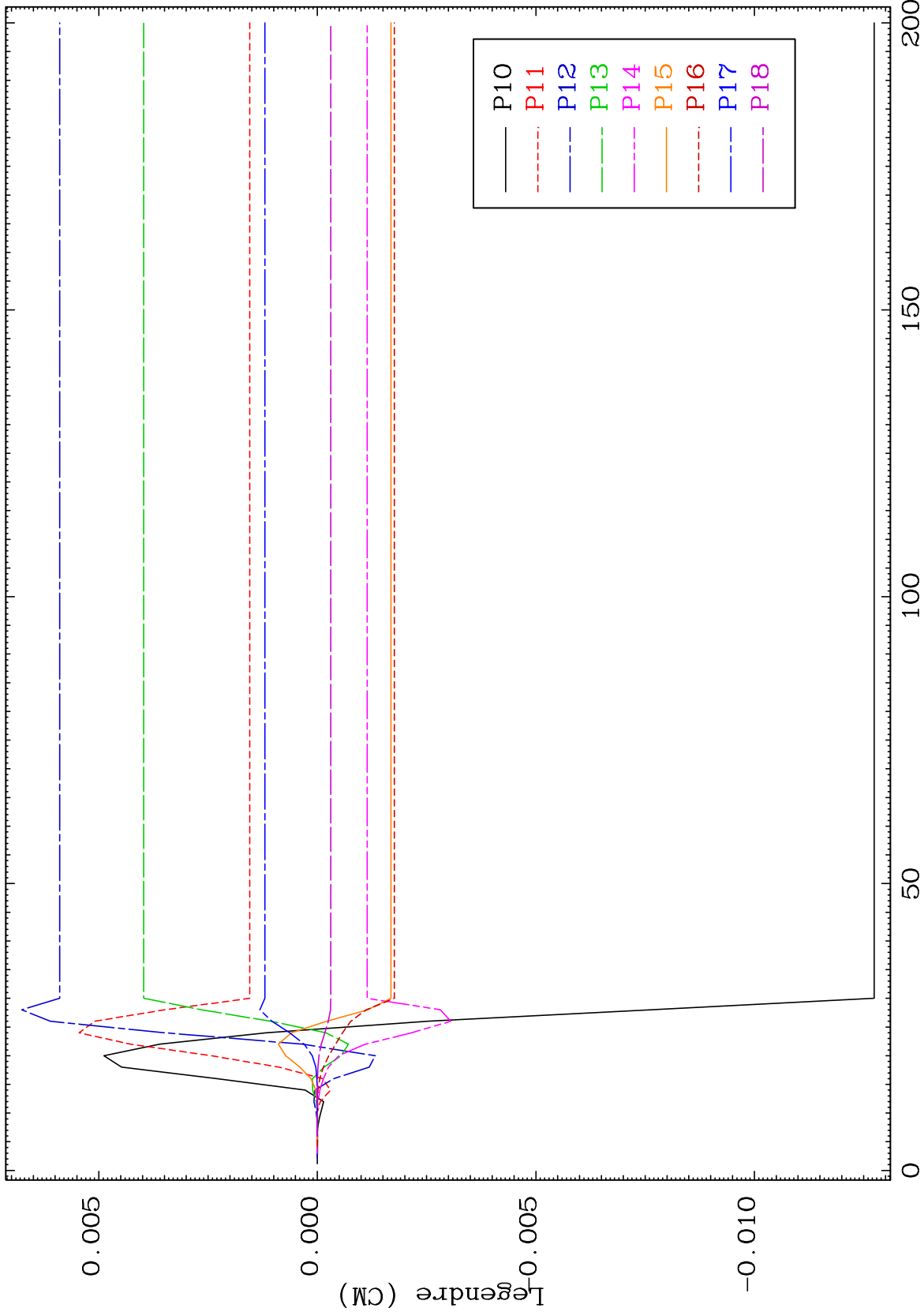
84-Po-197



MAT 8398

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

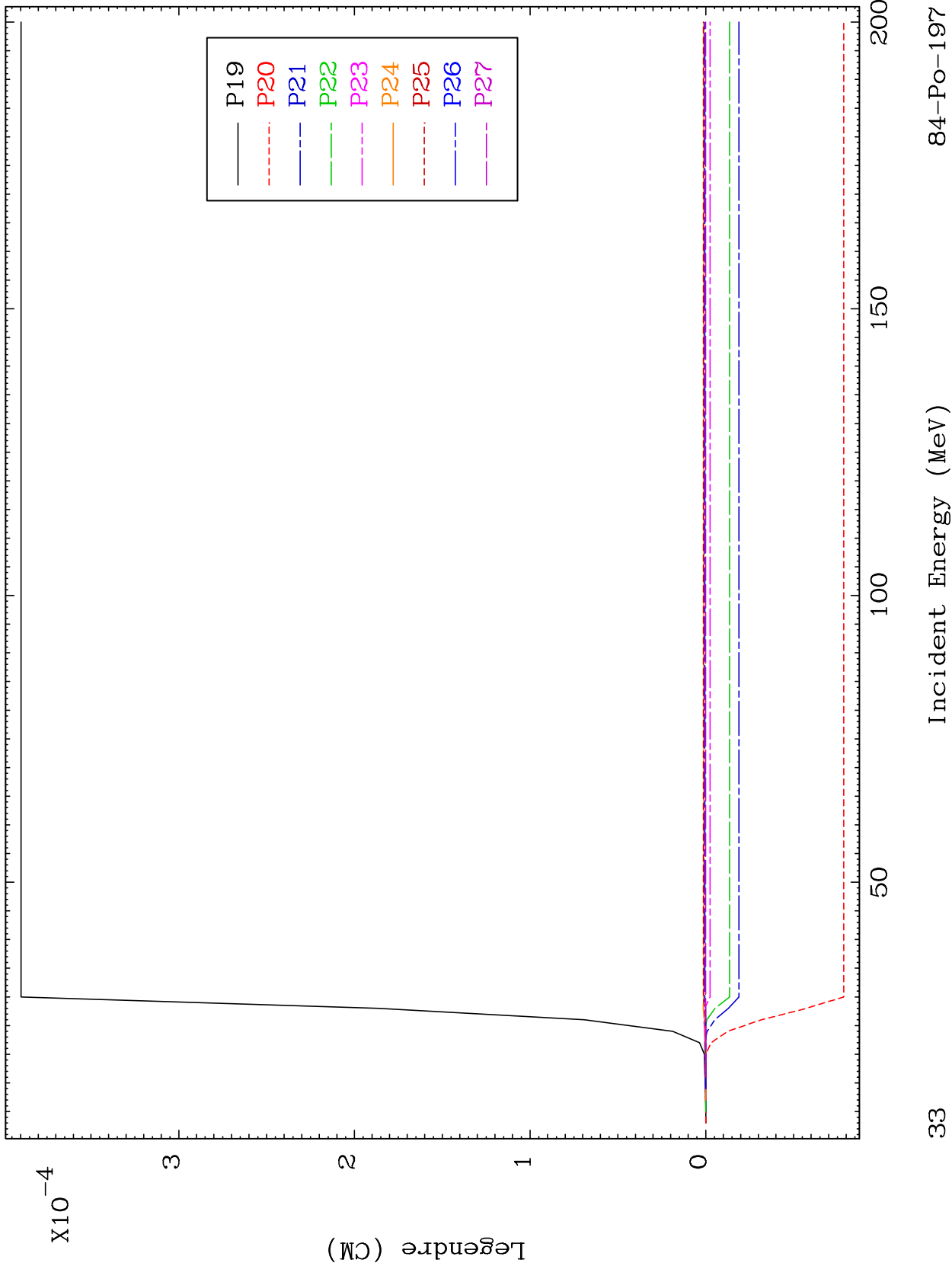
84-Po-197



32

Incident Energy (MeV)

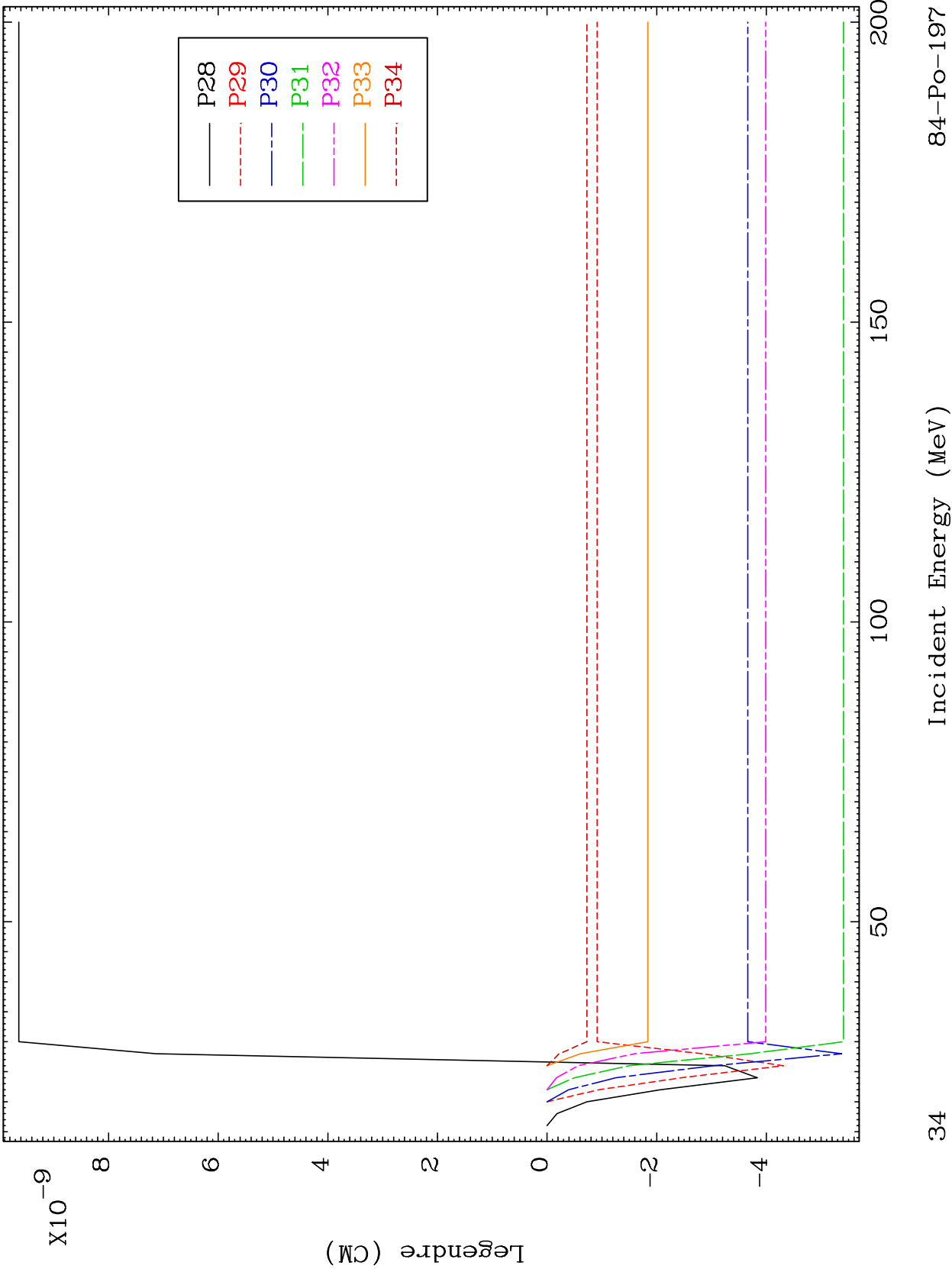
84-Po-197



MAT 8398

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

84-Po-197



34

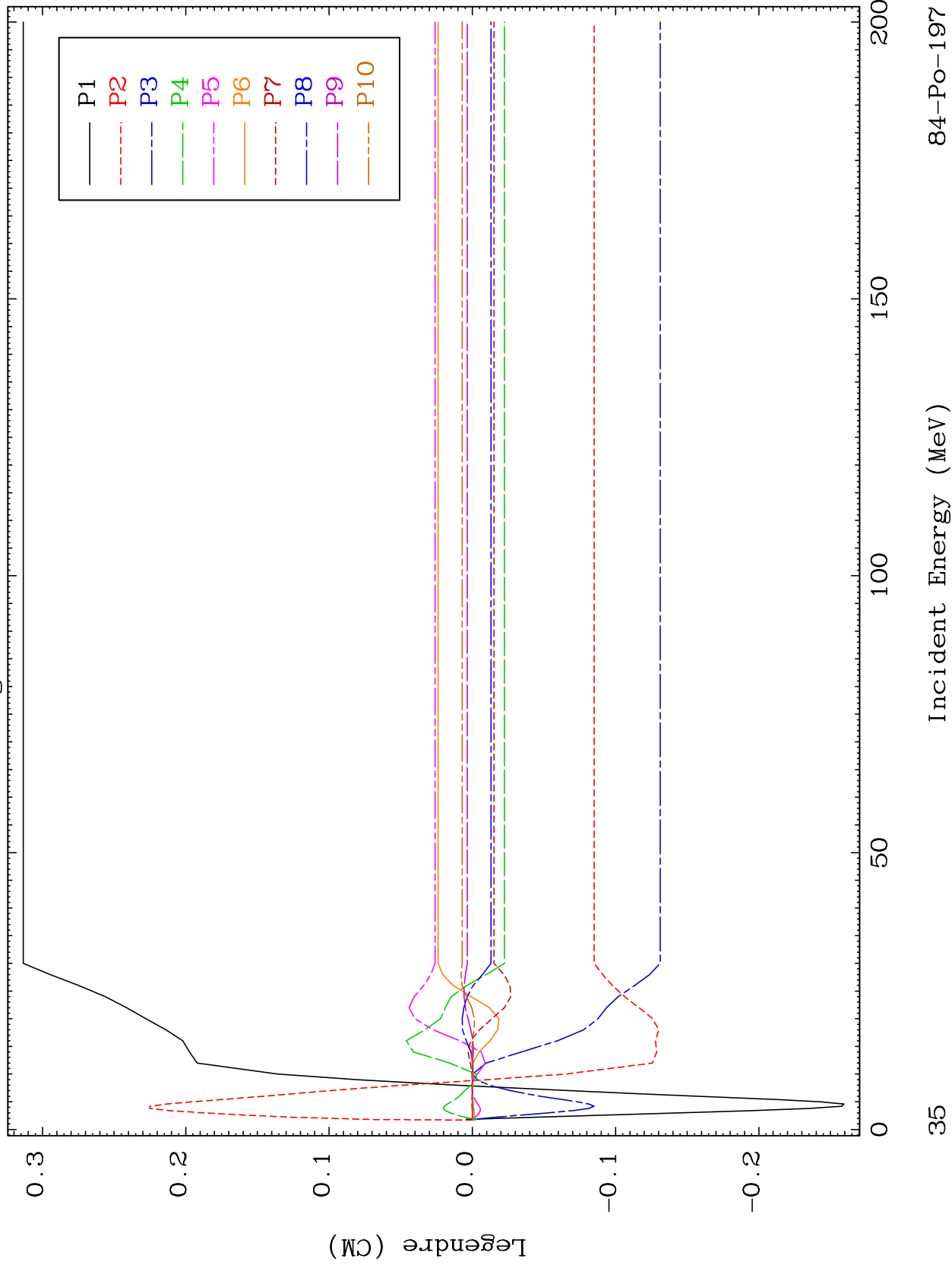
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



84-Po-197

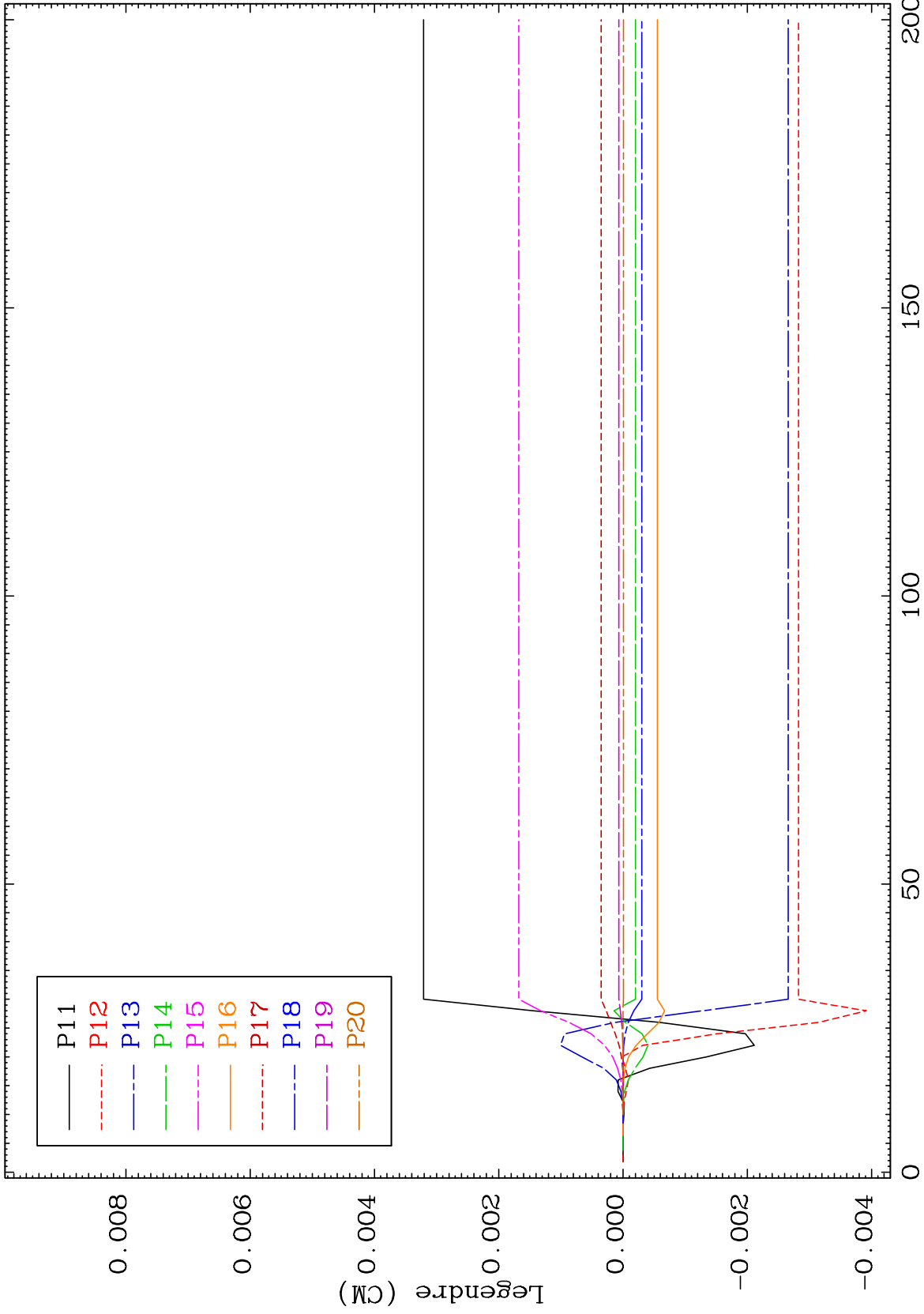
Incident Energy (MeV)

35

MAT 8398

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

84-Po-197



36

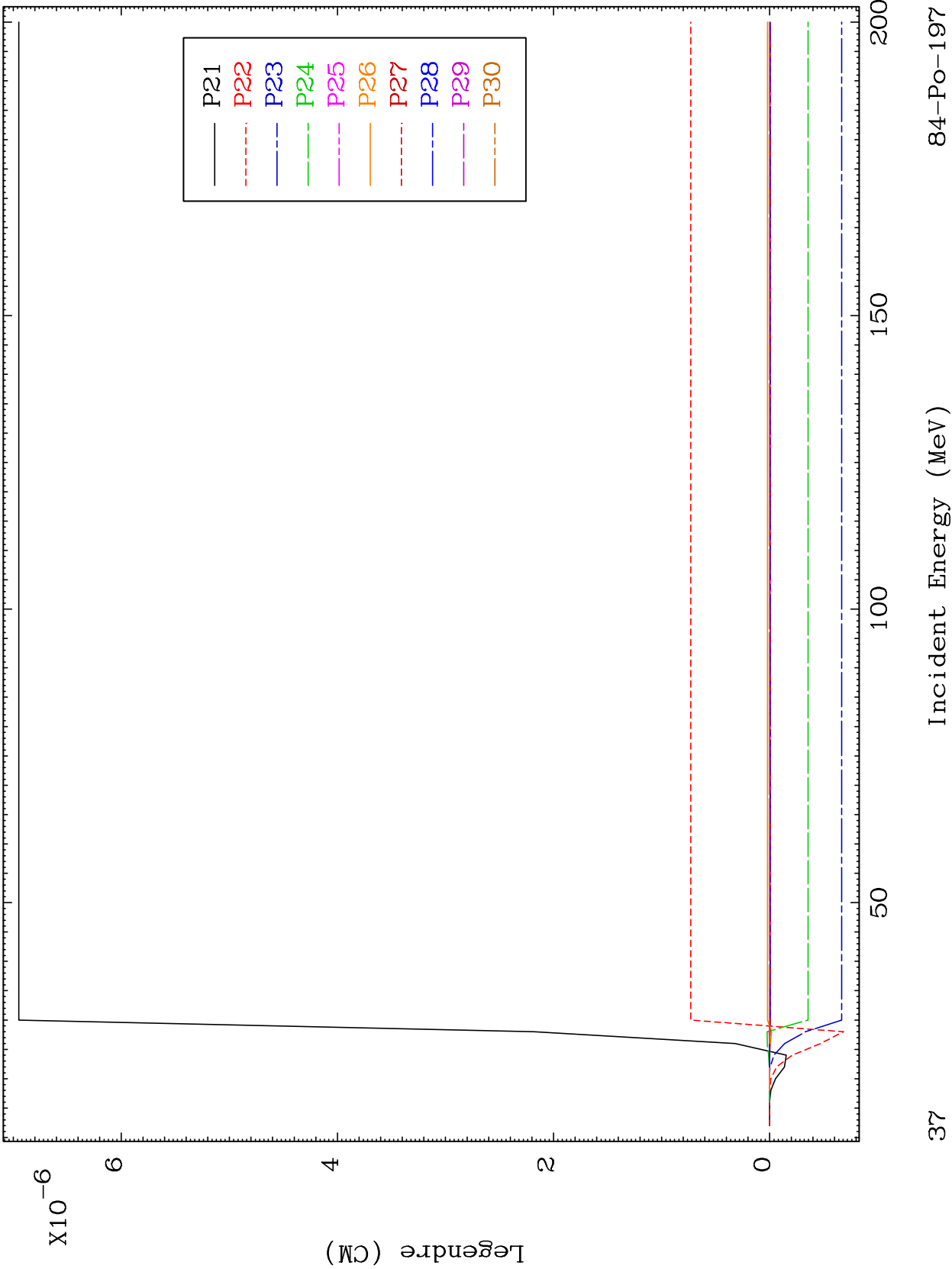
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



37

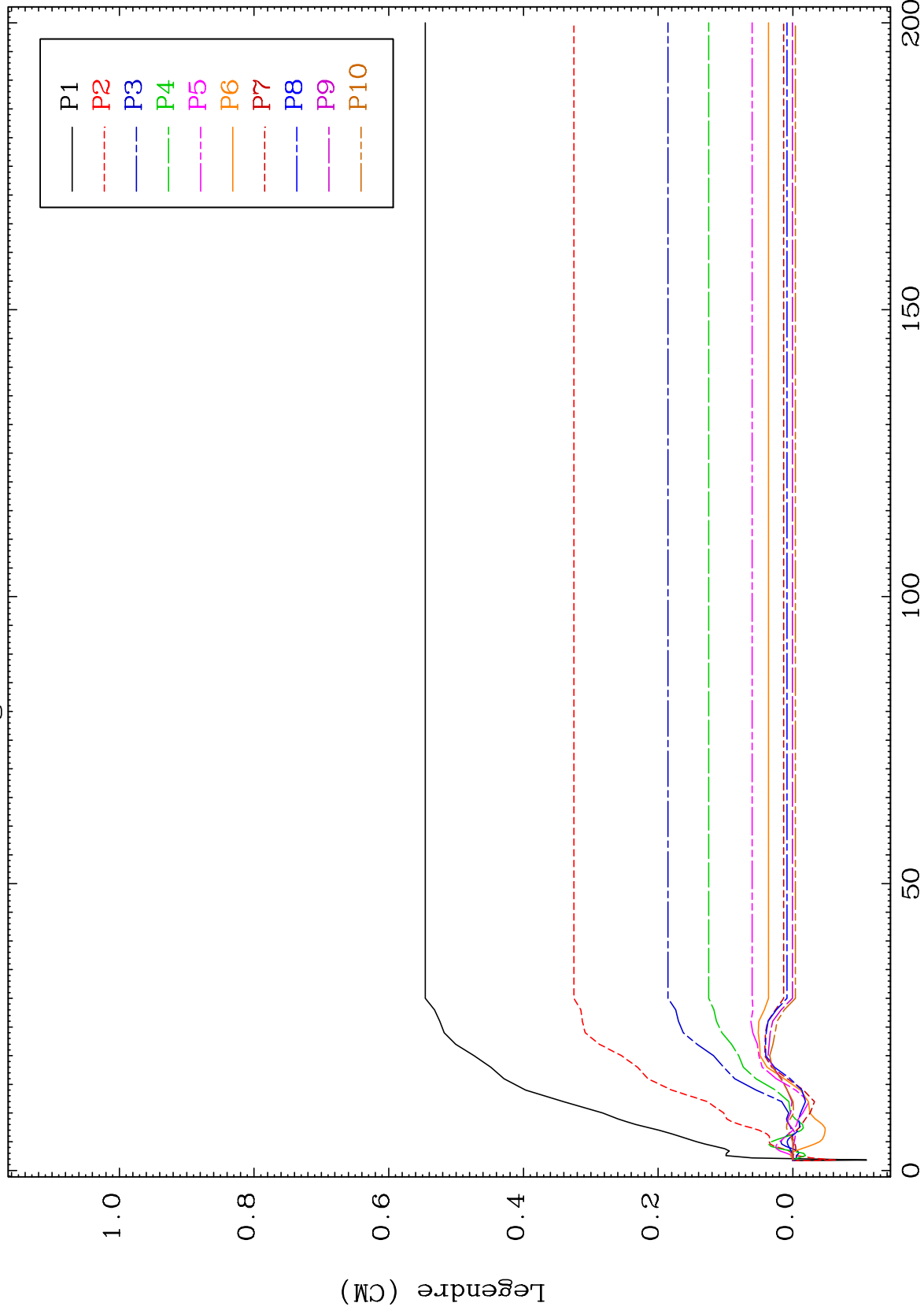
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



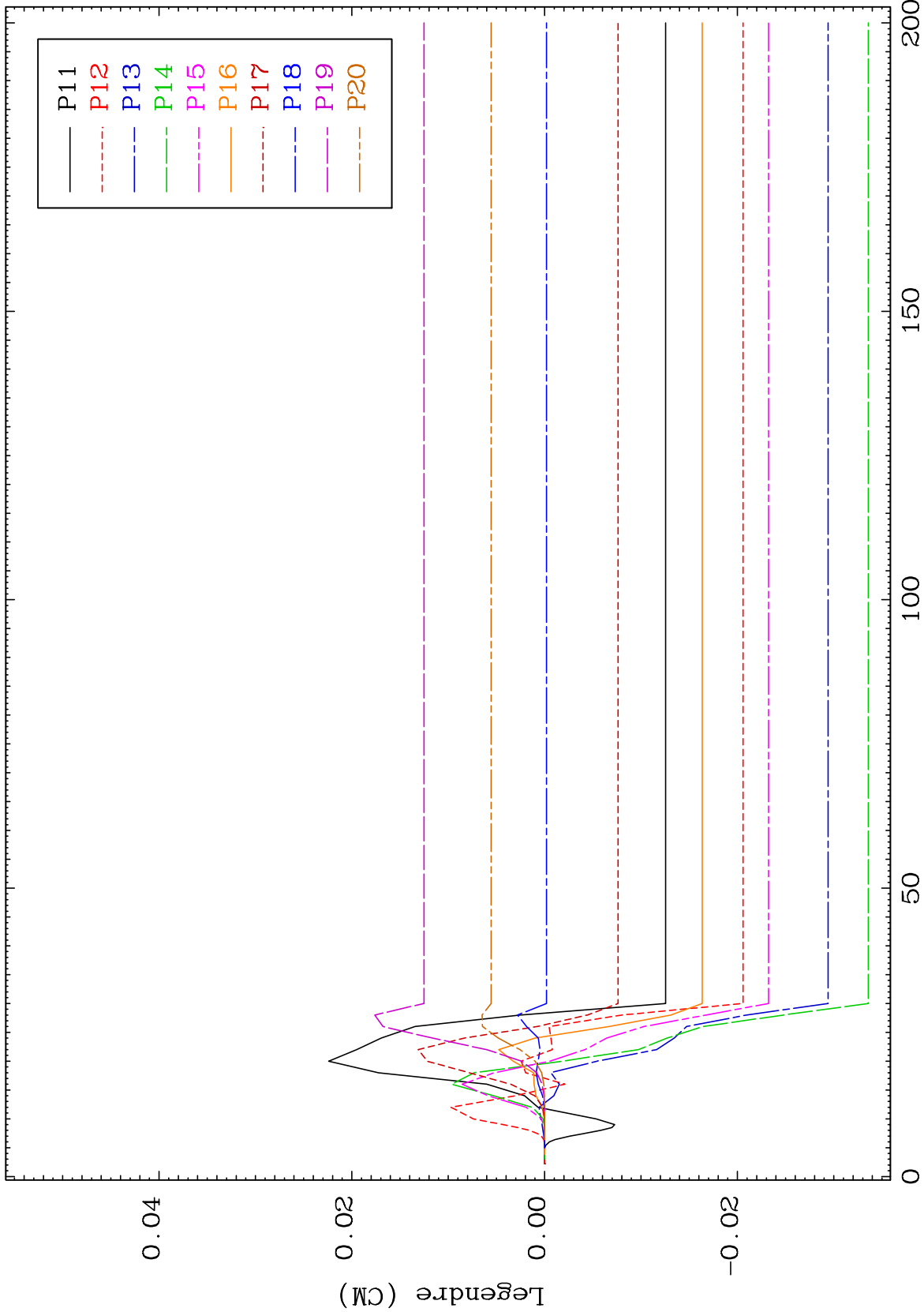
38

84-Po-197

MAT 8398

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

84-Po-197



39

Incident Energy (MeV)

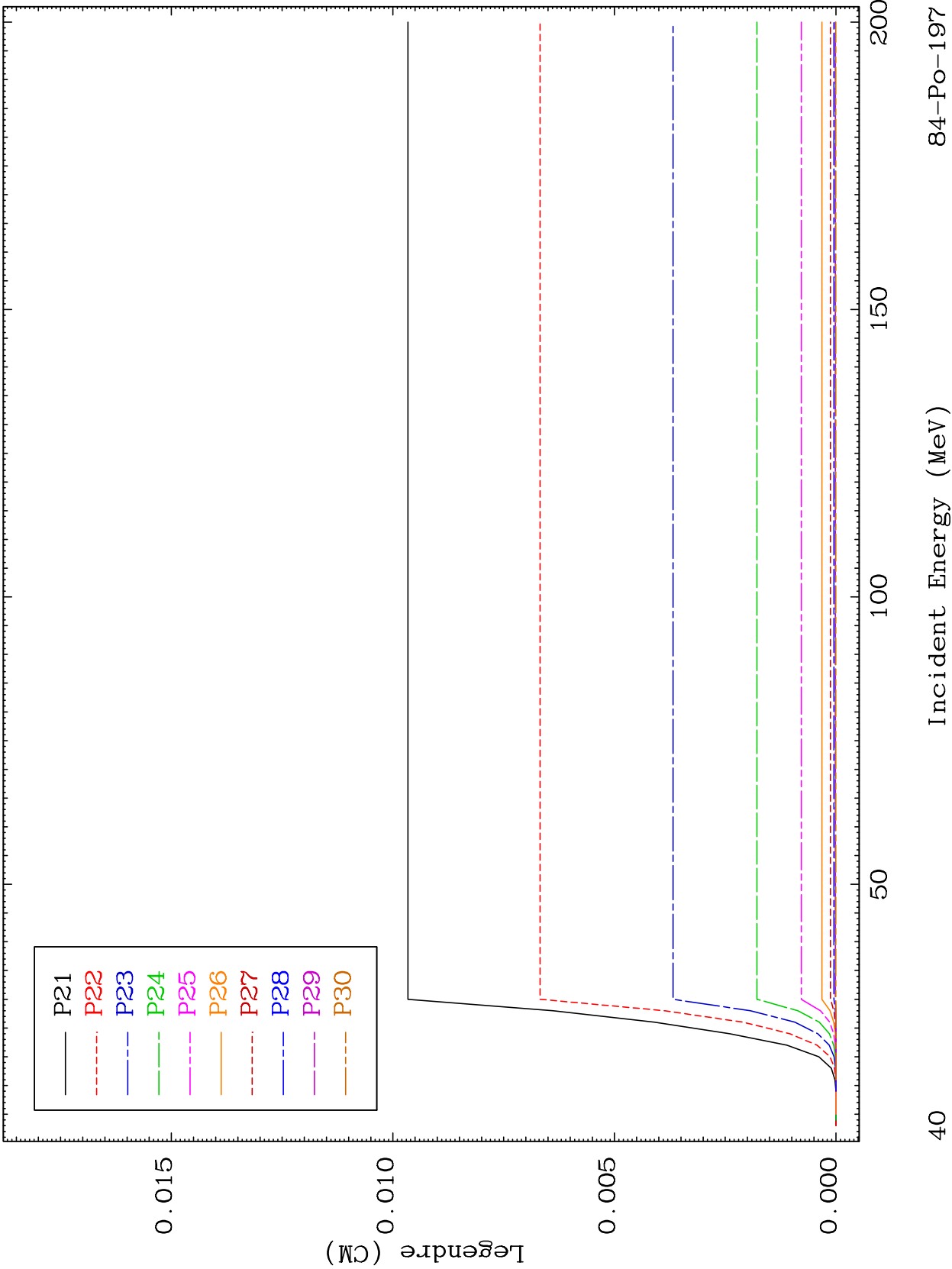
84-Po-197



MAT 8398

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

84-Po-197



84-Po-197

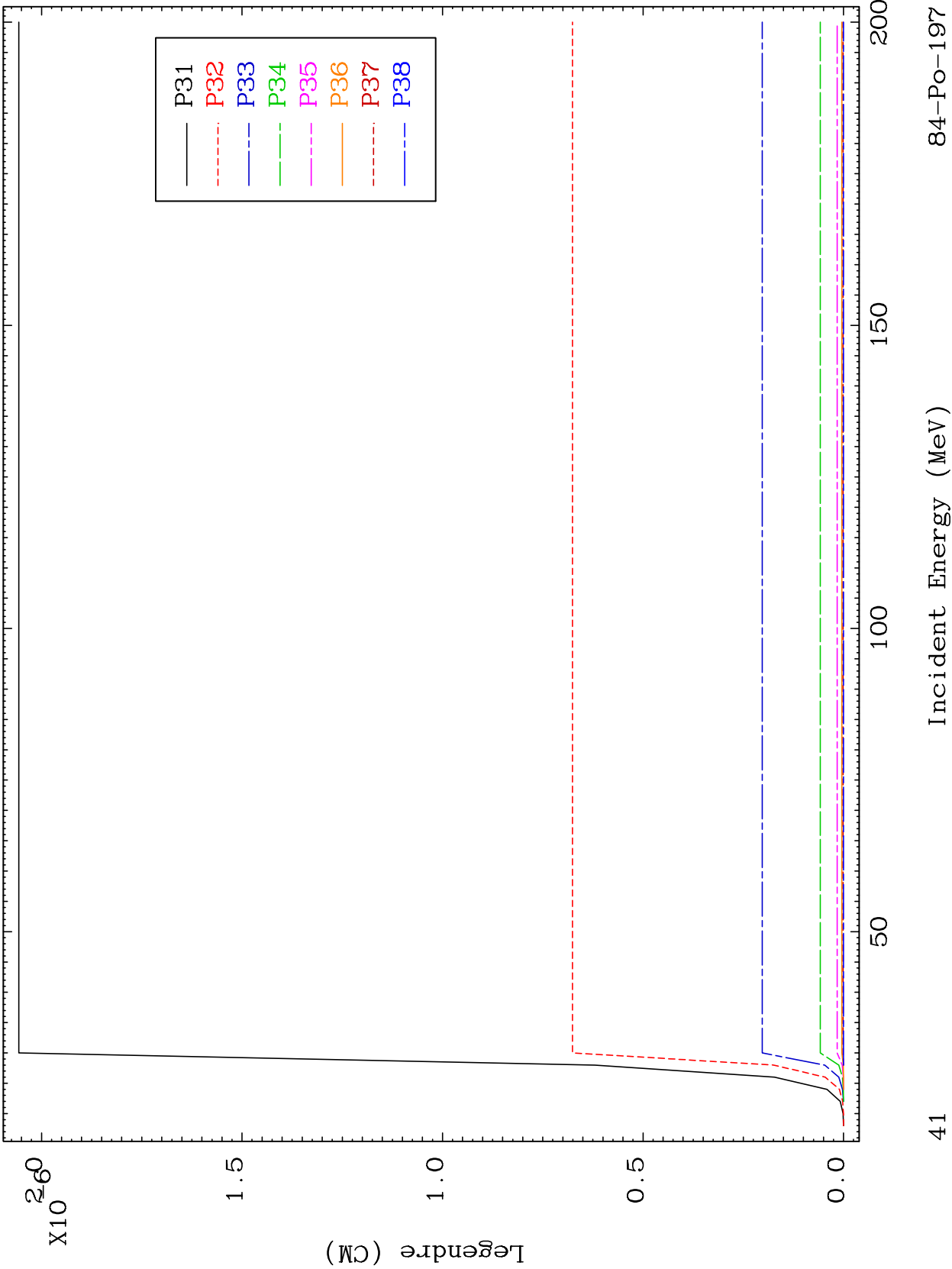
Incident Energy (MeV)

40

MAT 8398

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

84-Po-197



41

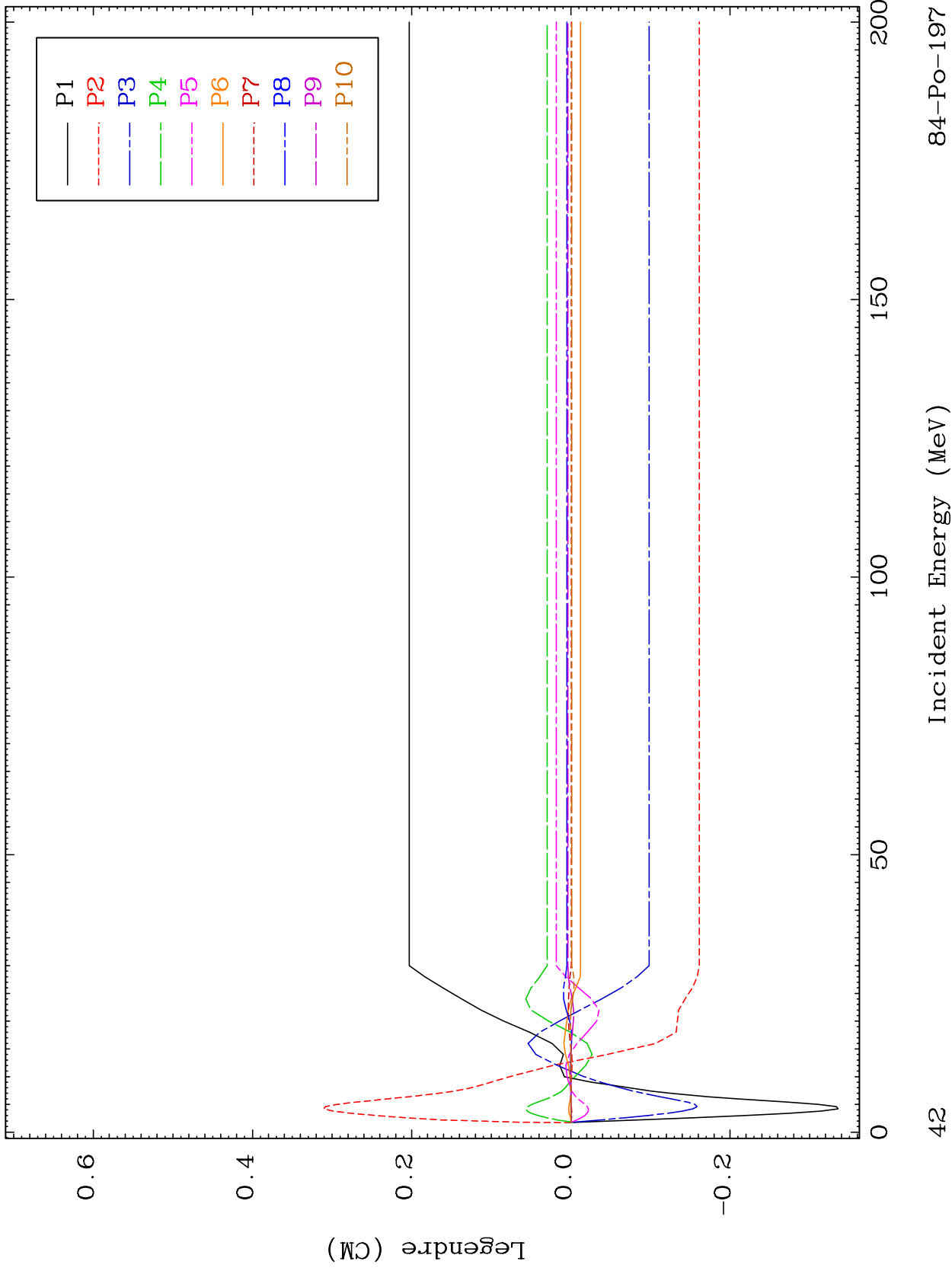
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



84-Po-197

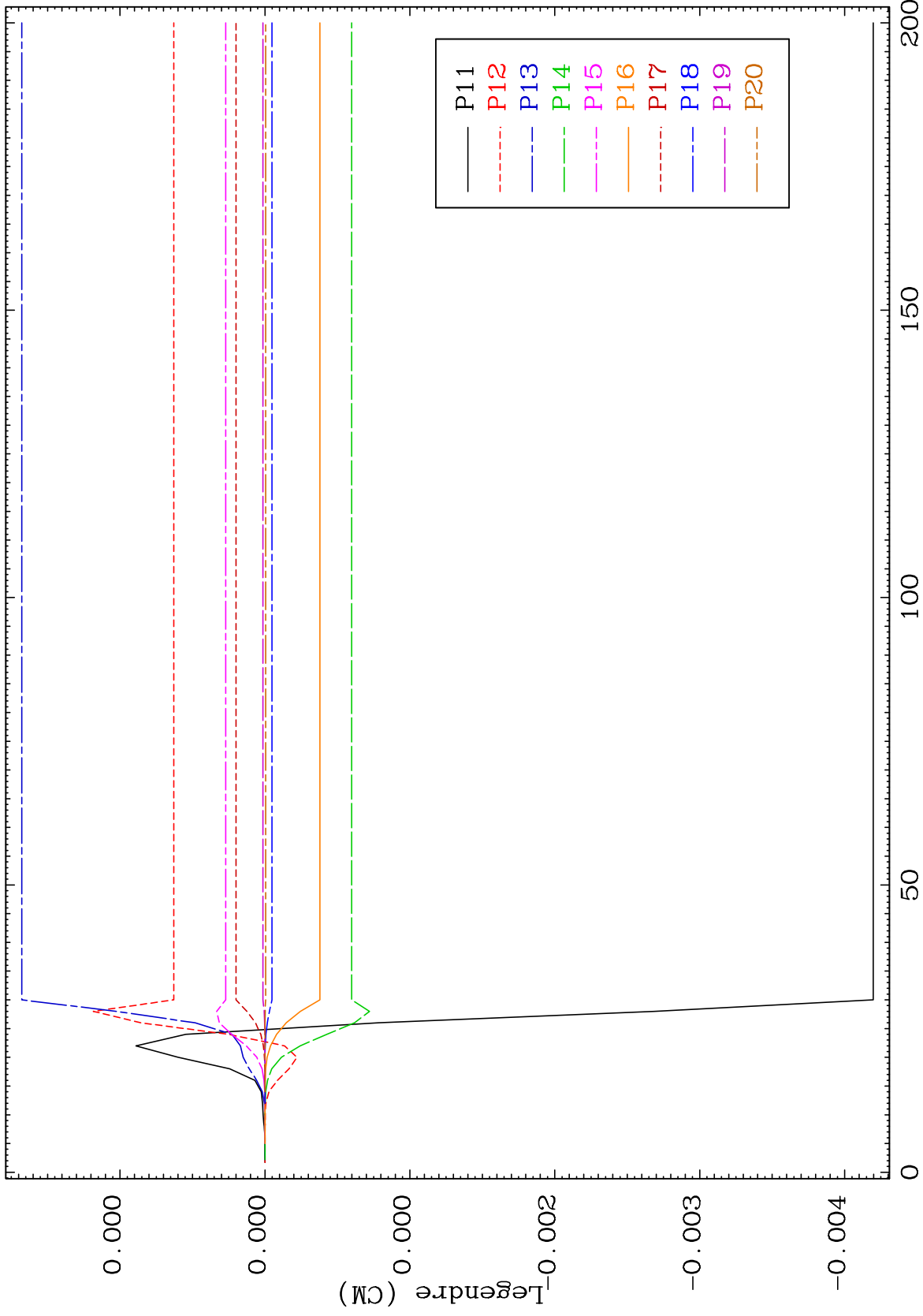
Incident Energy (MeV)

42

MAT 8398

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

84-Po-197



43

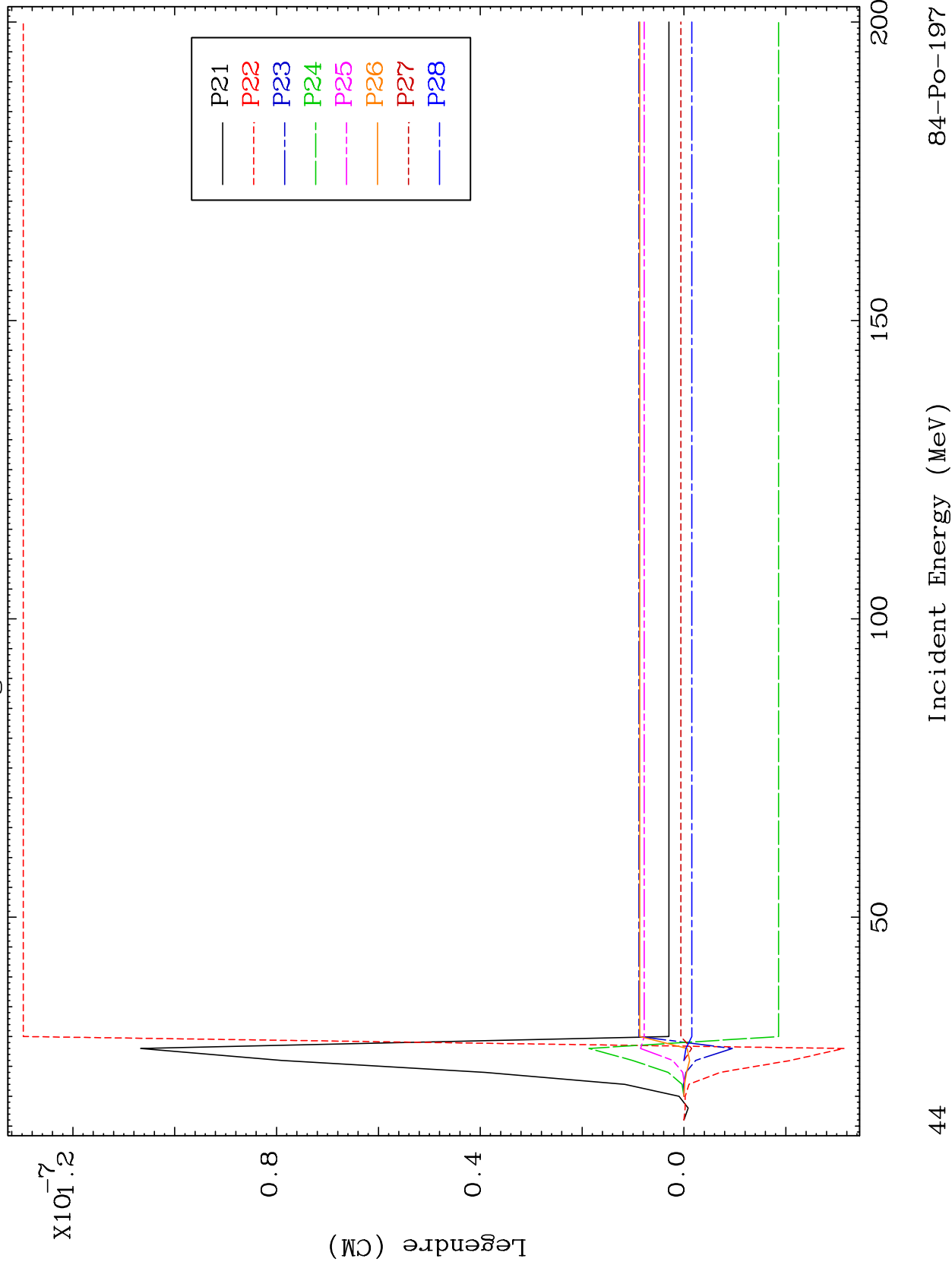
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



44

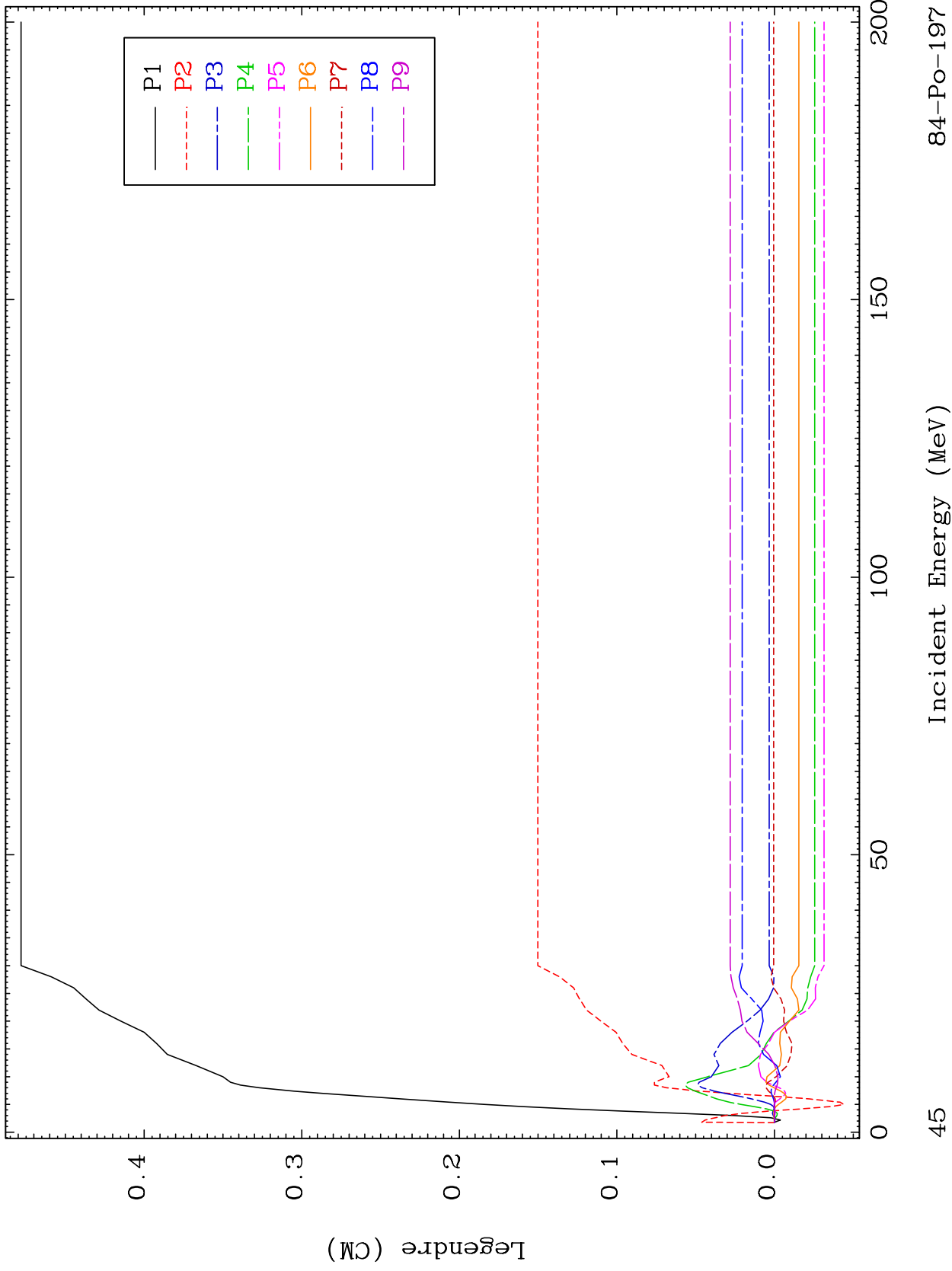
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



84-Po-197

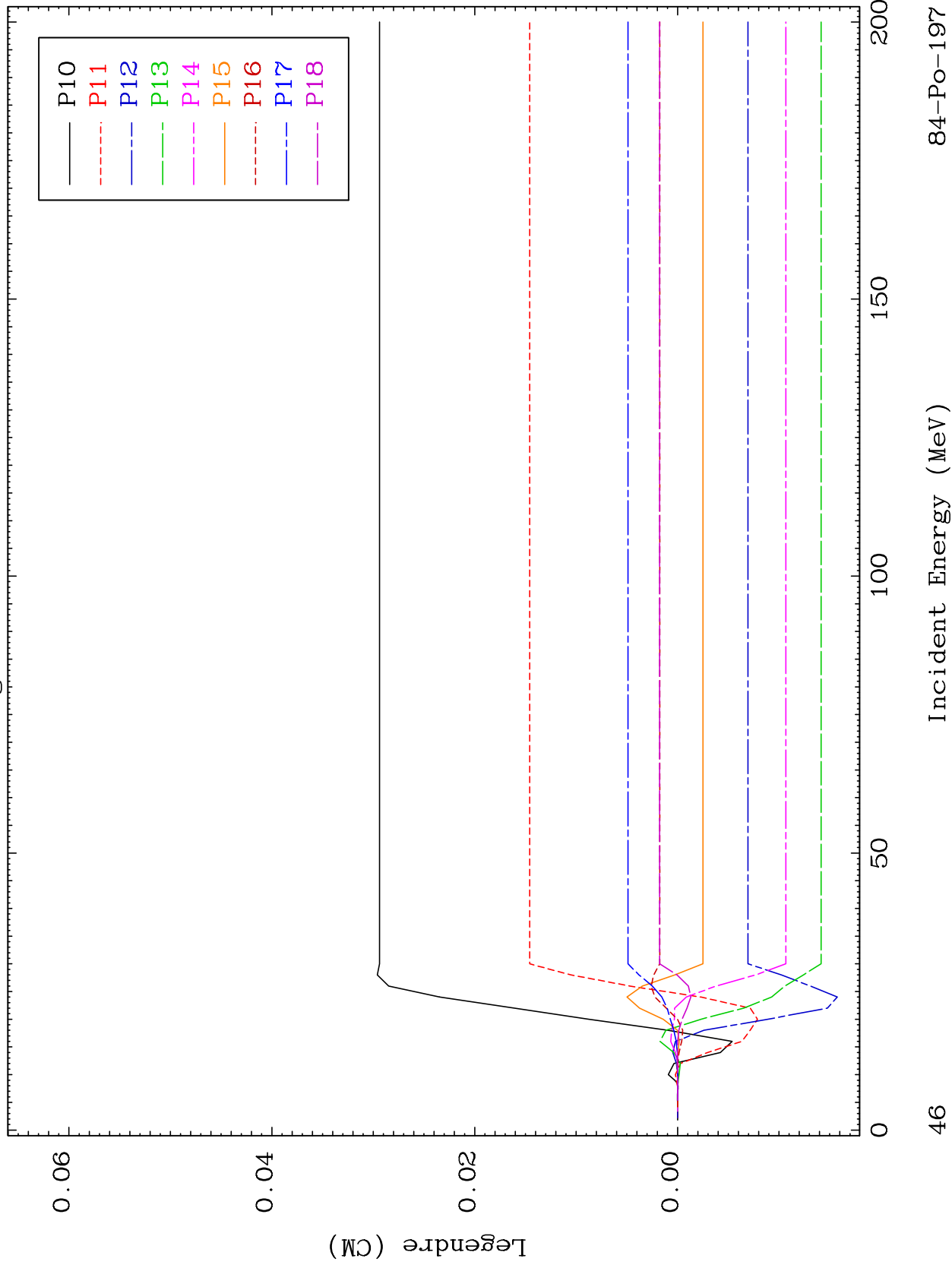
Incident Energy (MeV)

45

MAT 8398

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

84-Po-197



46

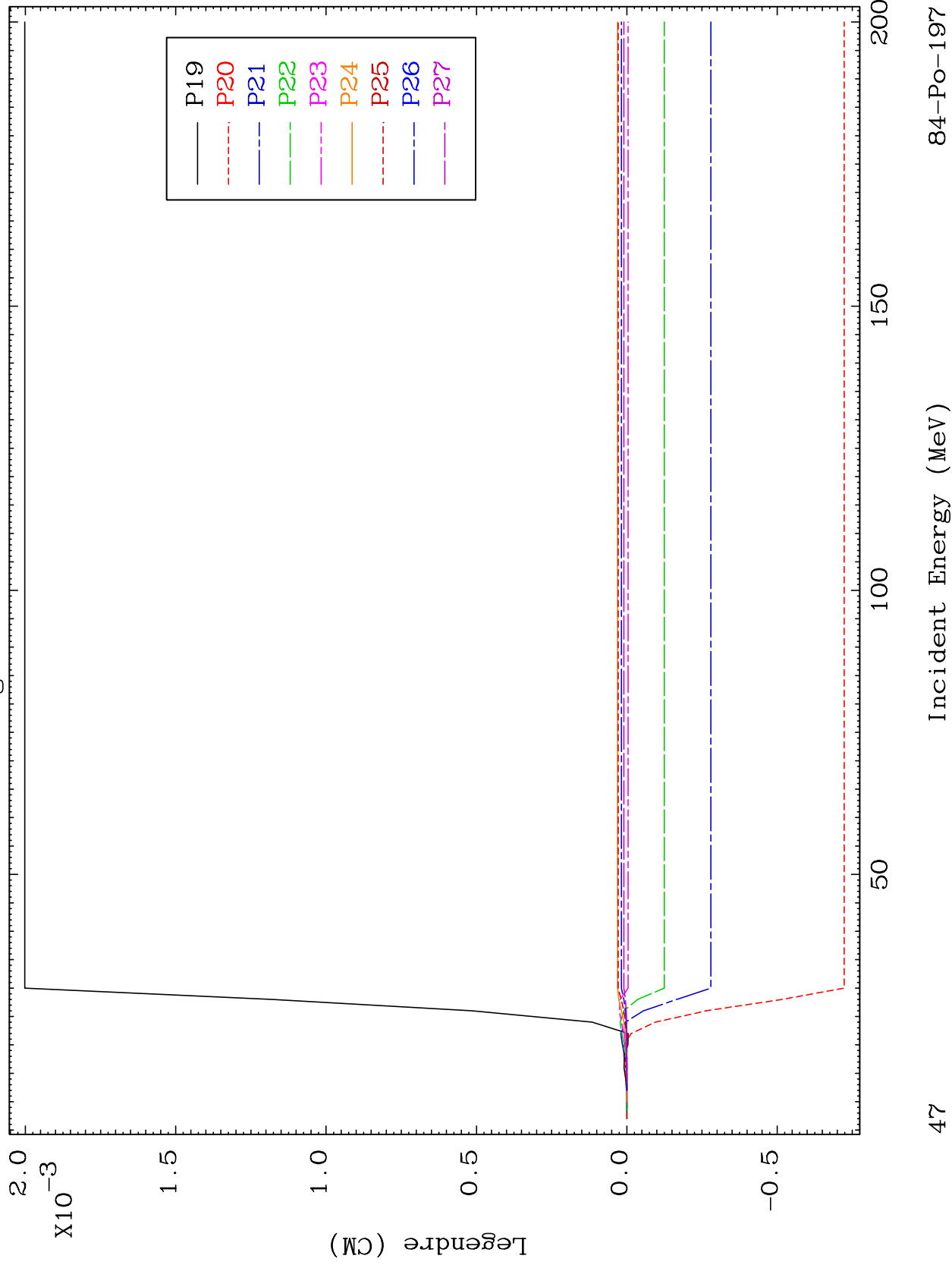
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



47

Incident Energy (MeV)

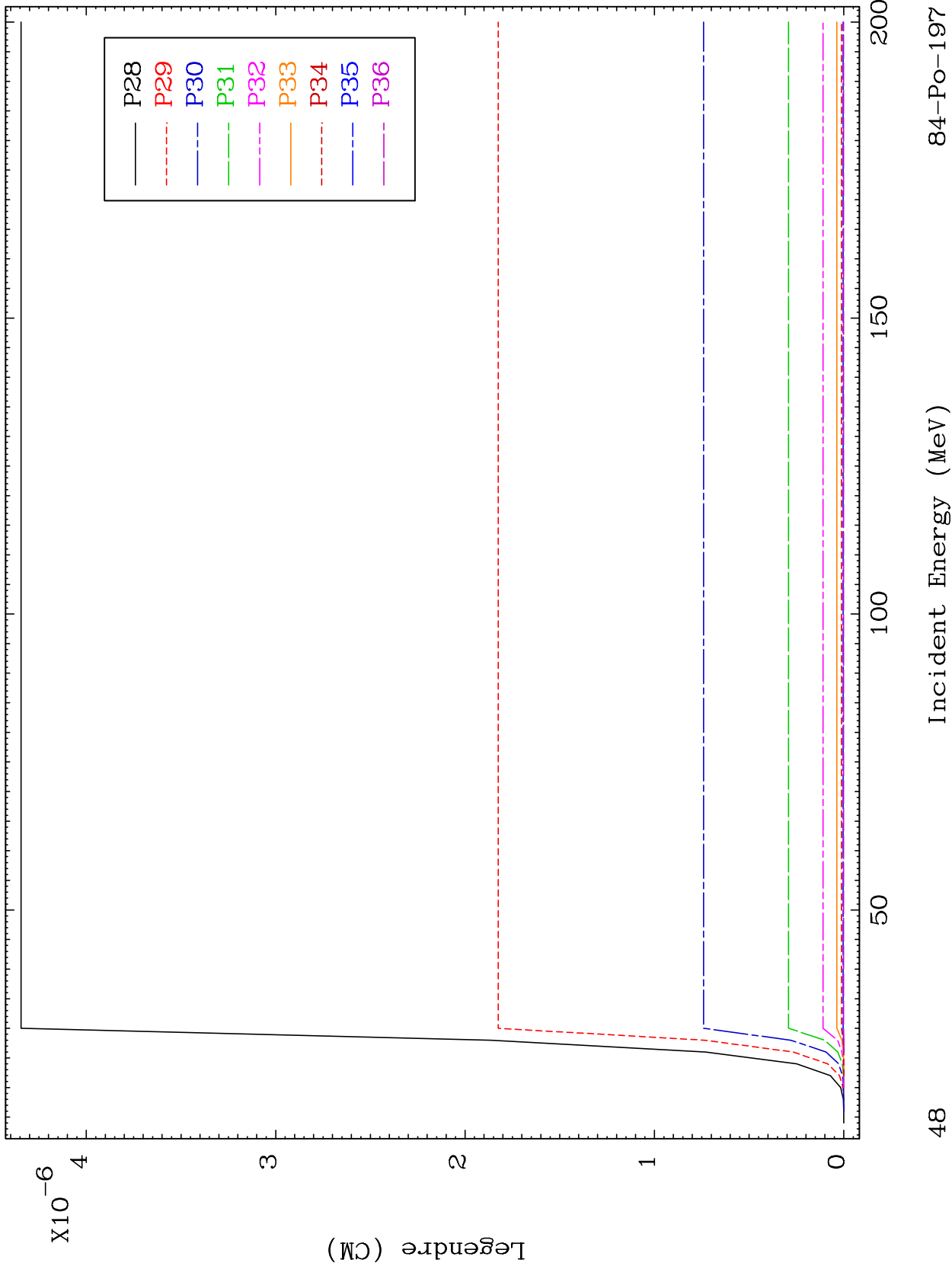
84-Po-197



MAT 8398

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

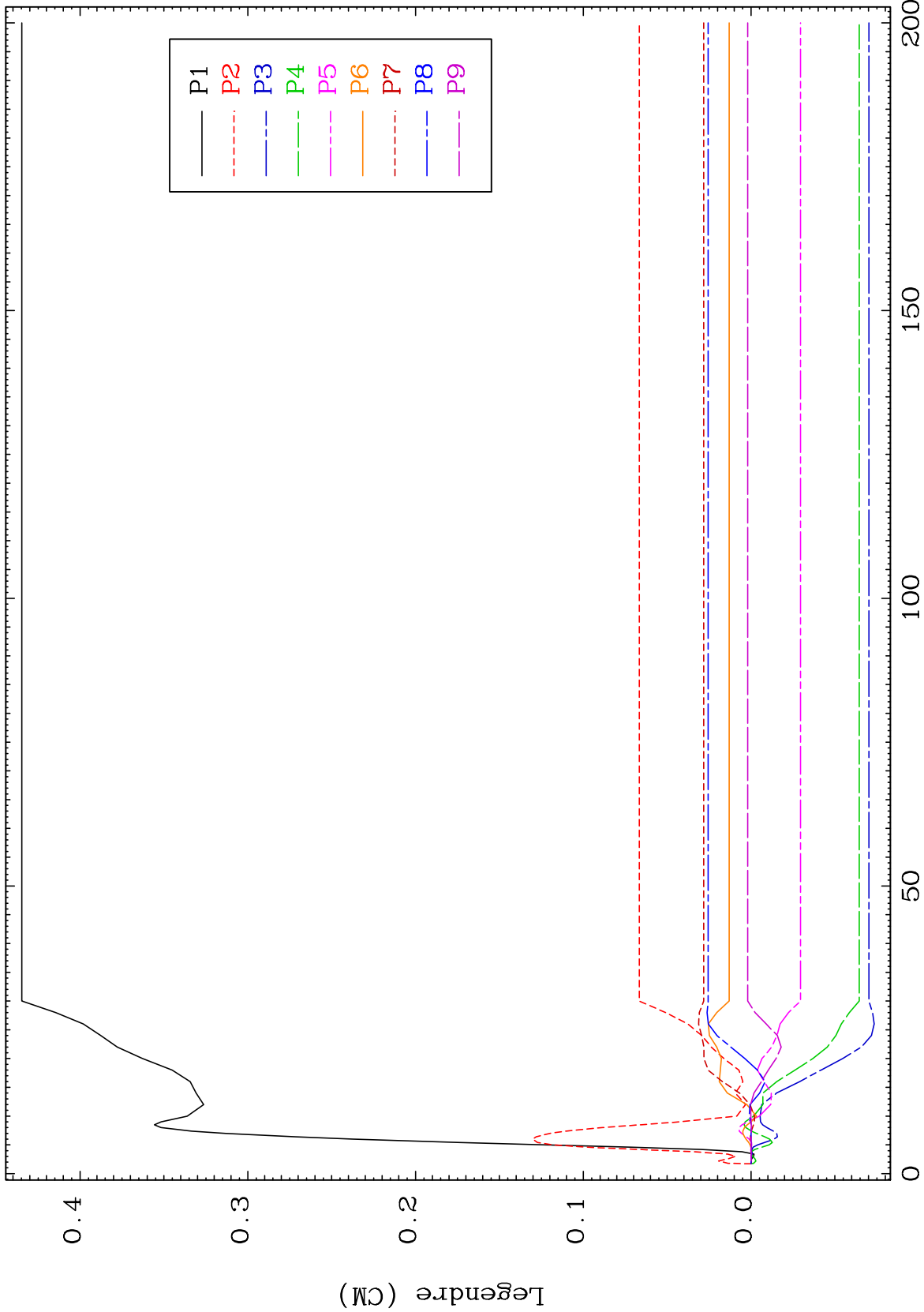
84-Po-197



MAT 8398

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

84-Po-197



49

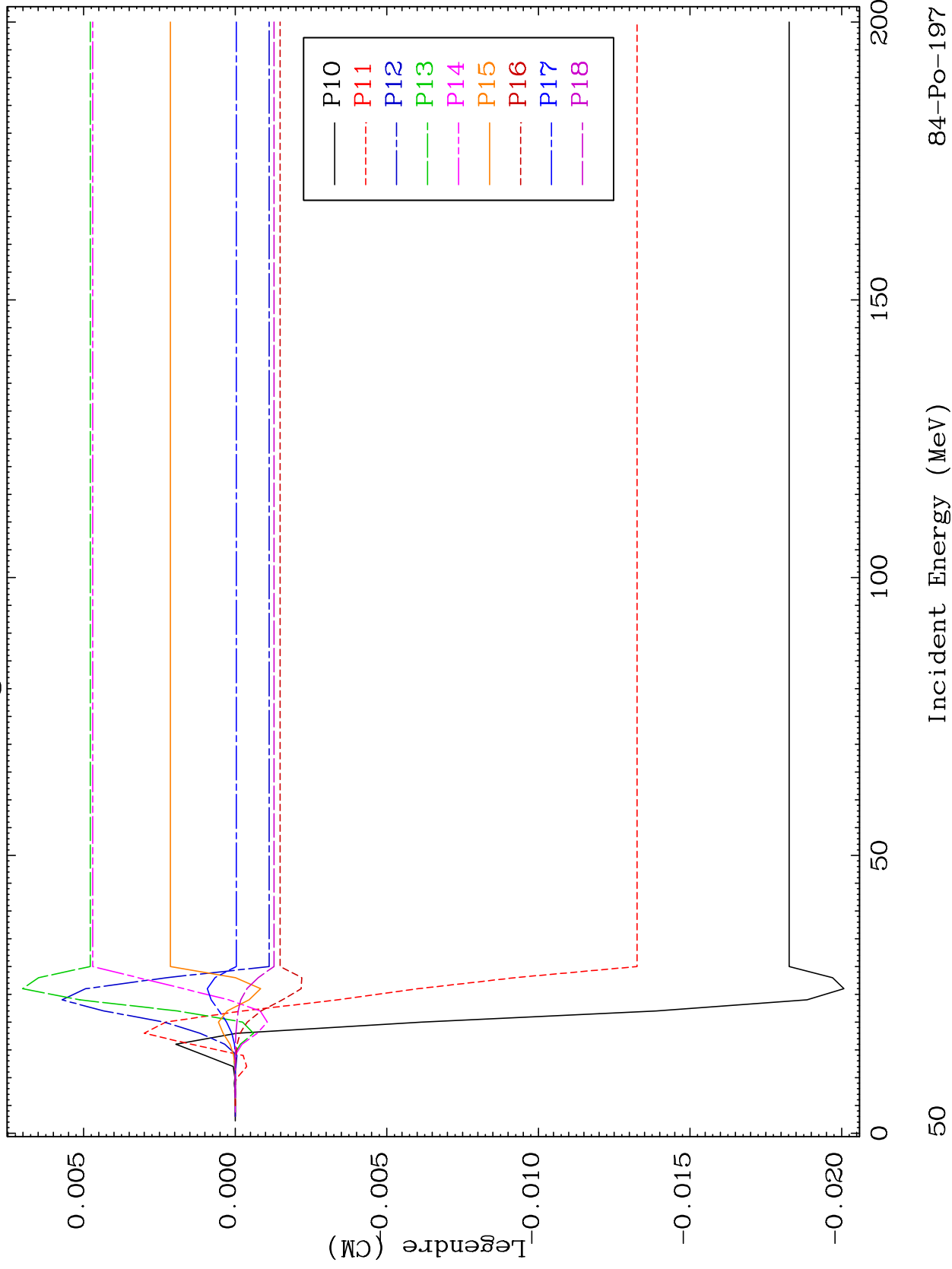
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



84-Po-197

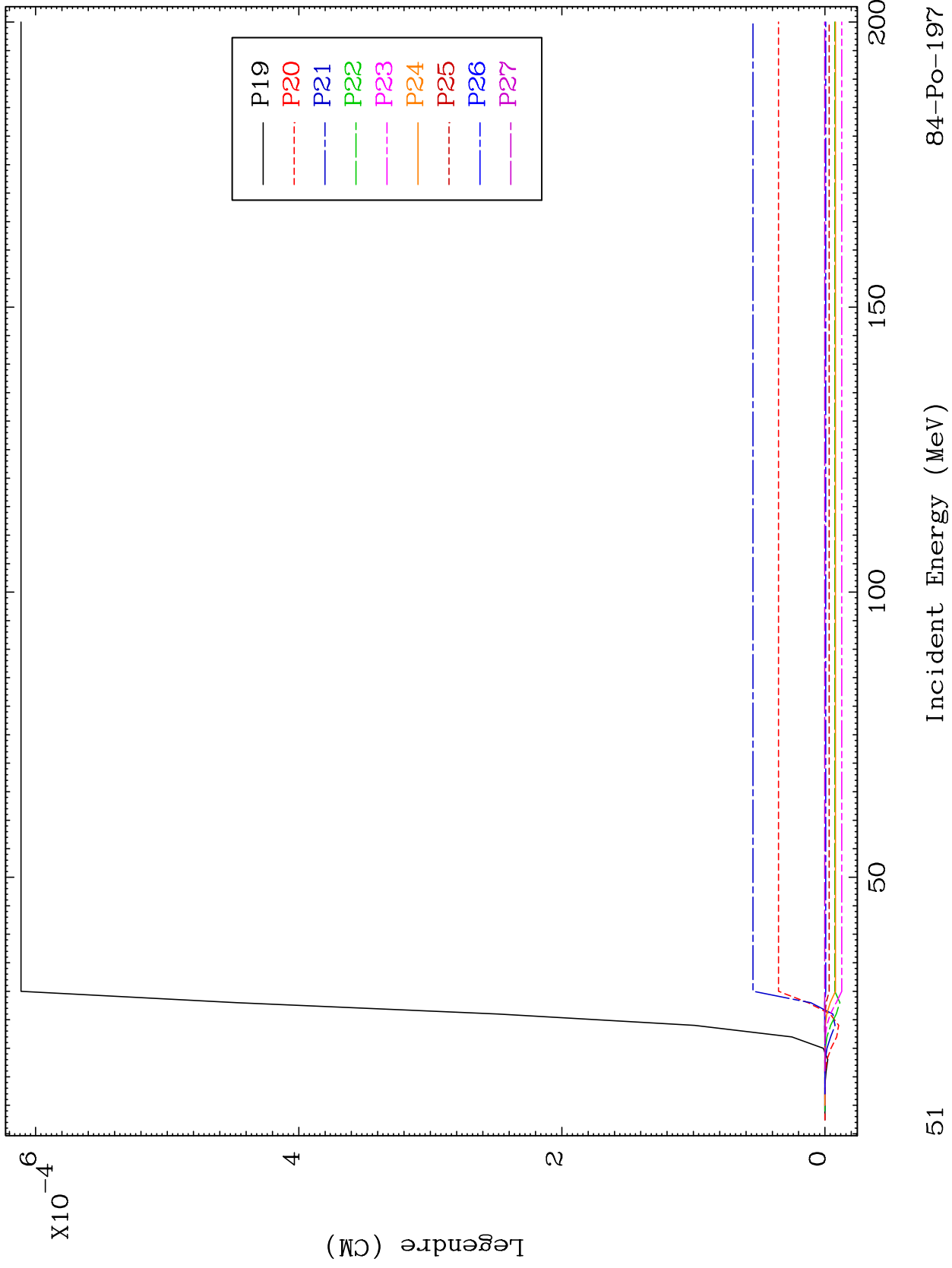
Incident Energy (MeV)

50

MAT 8398

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

84-Po-197



51

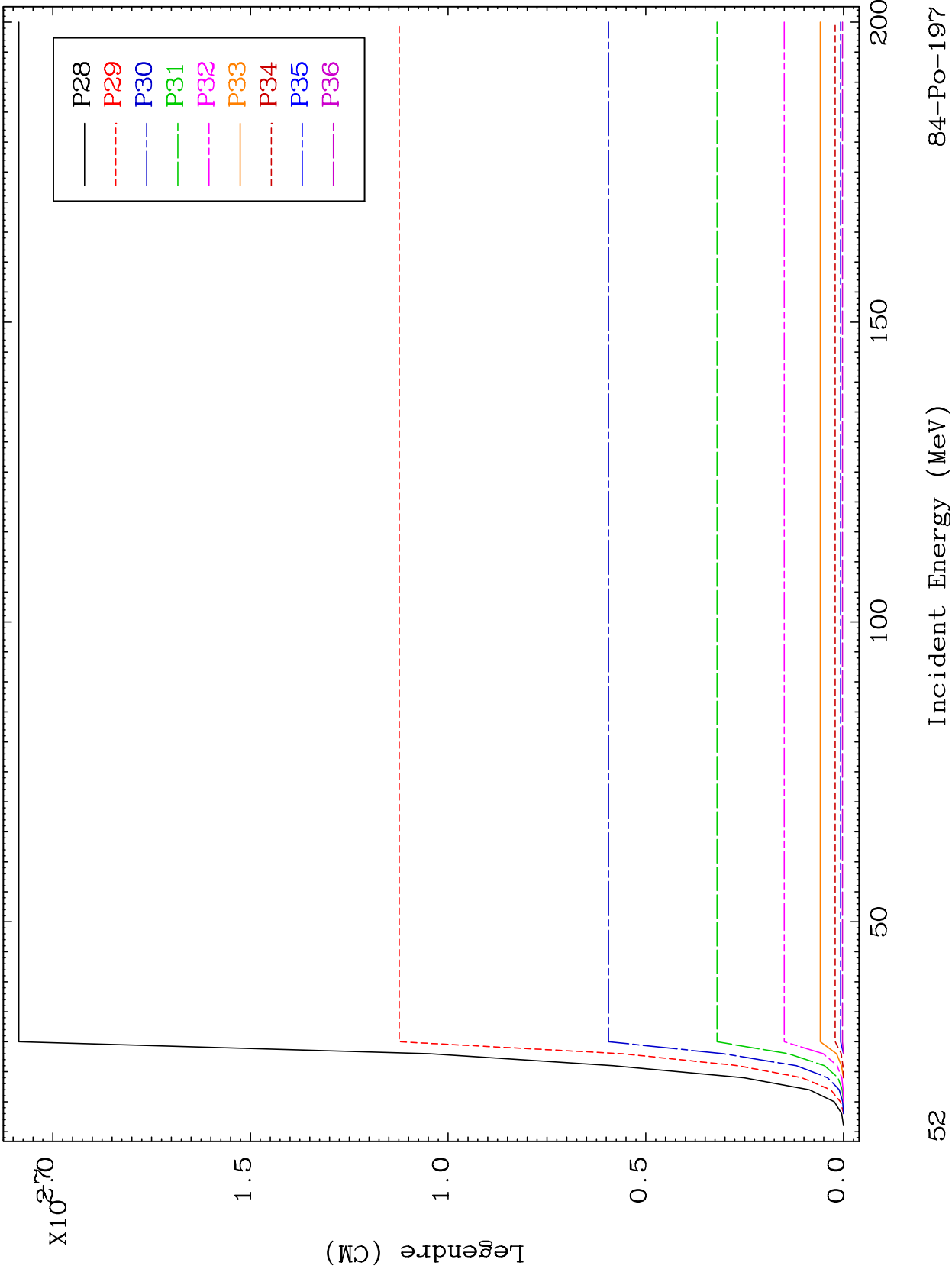
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



52

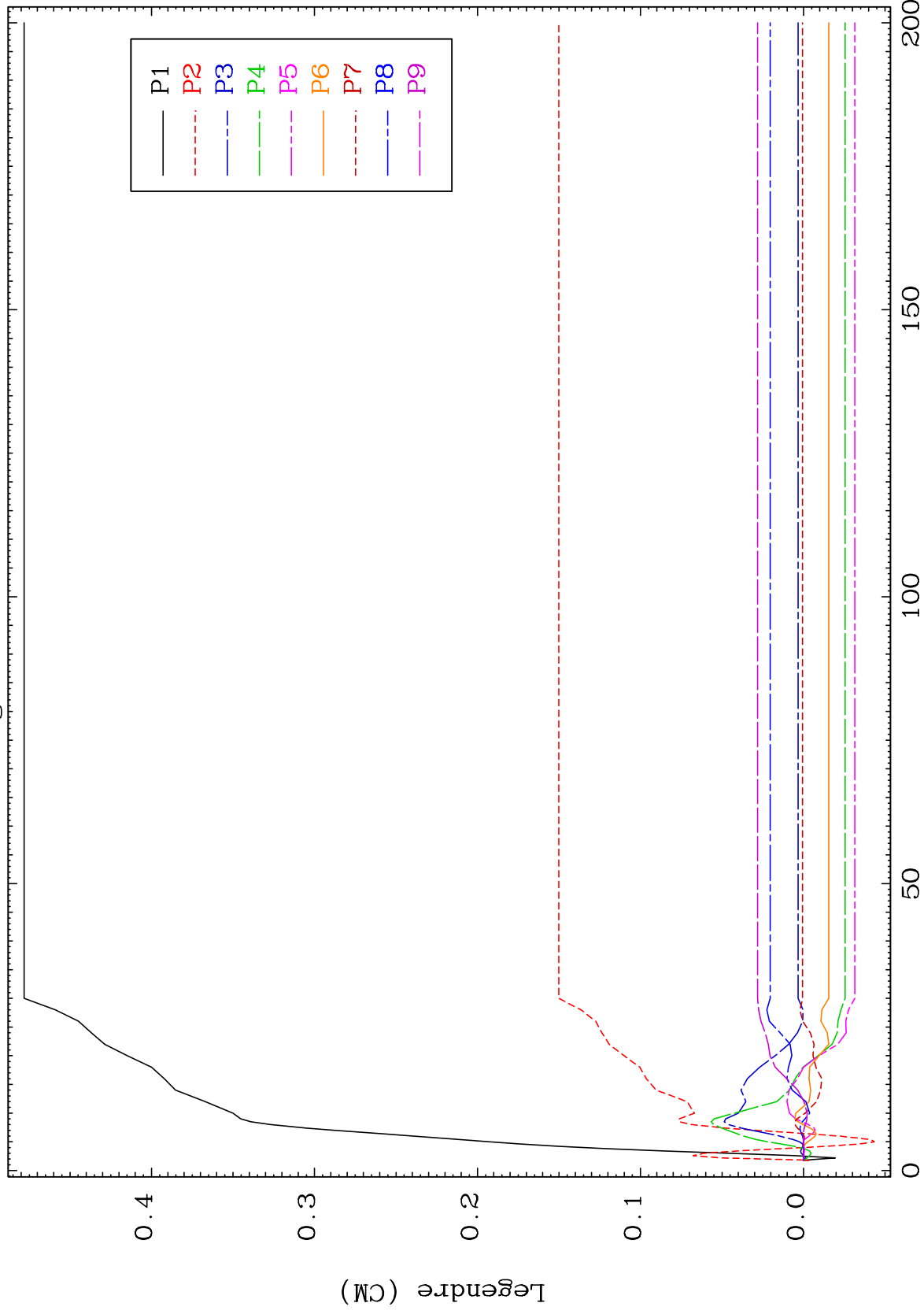
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



53

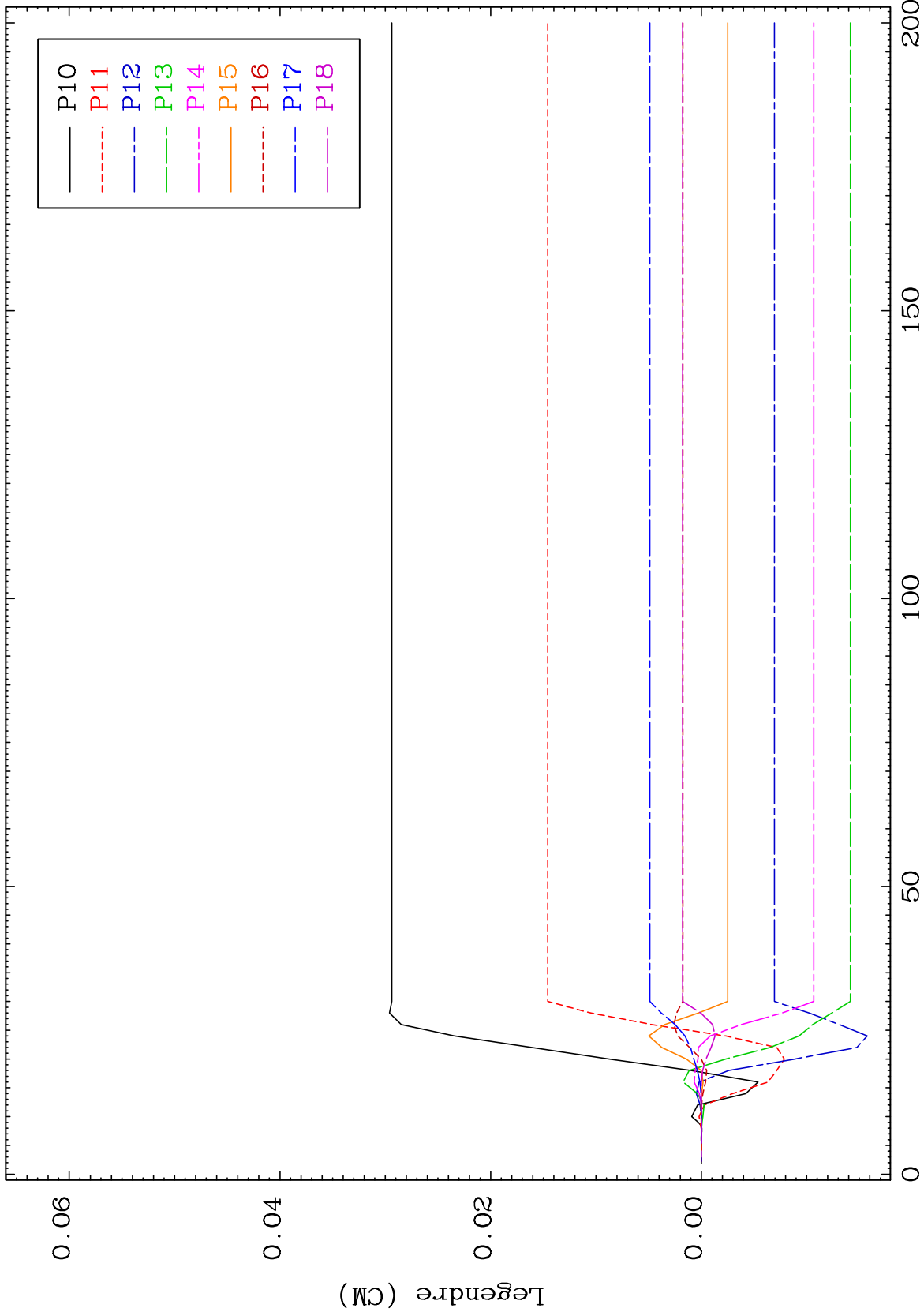
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



54

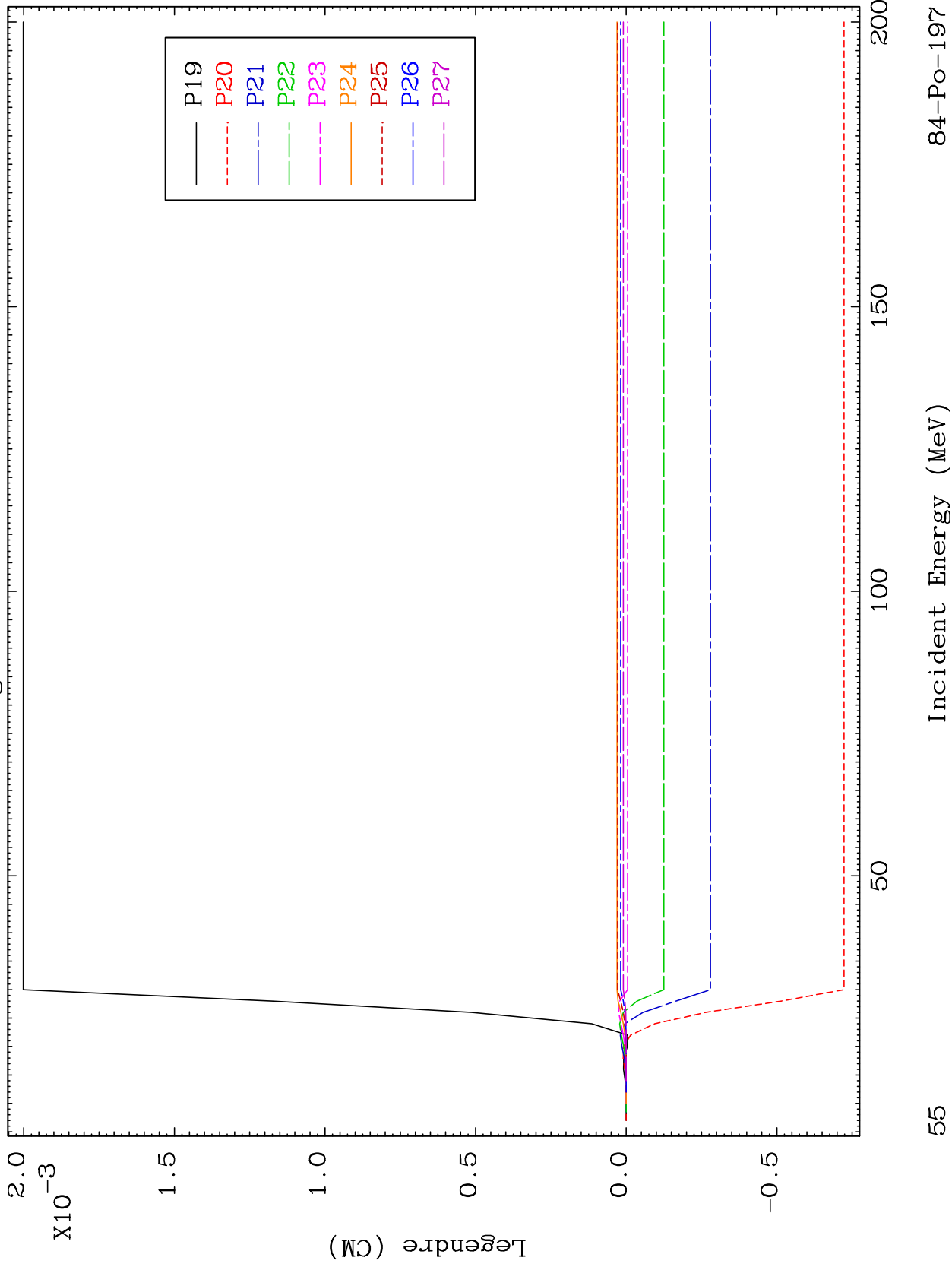
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



55

Incident Energy (MeV)

84-Po-197



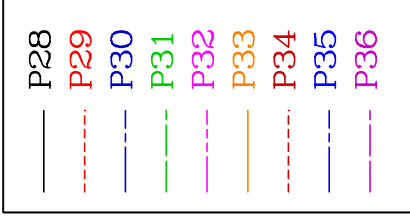
MAT 8398

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

84-Po-197

$\times 10^{-6}$

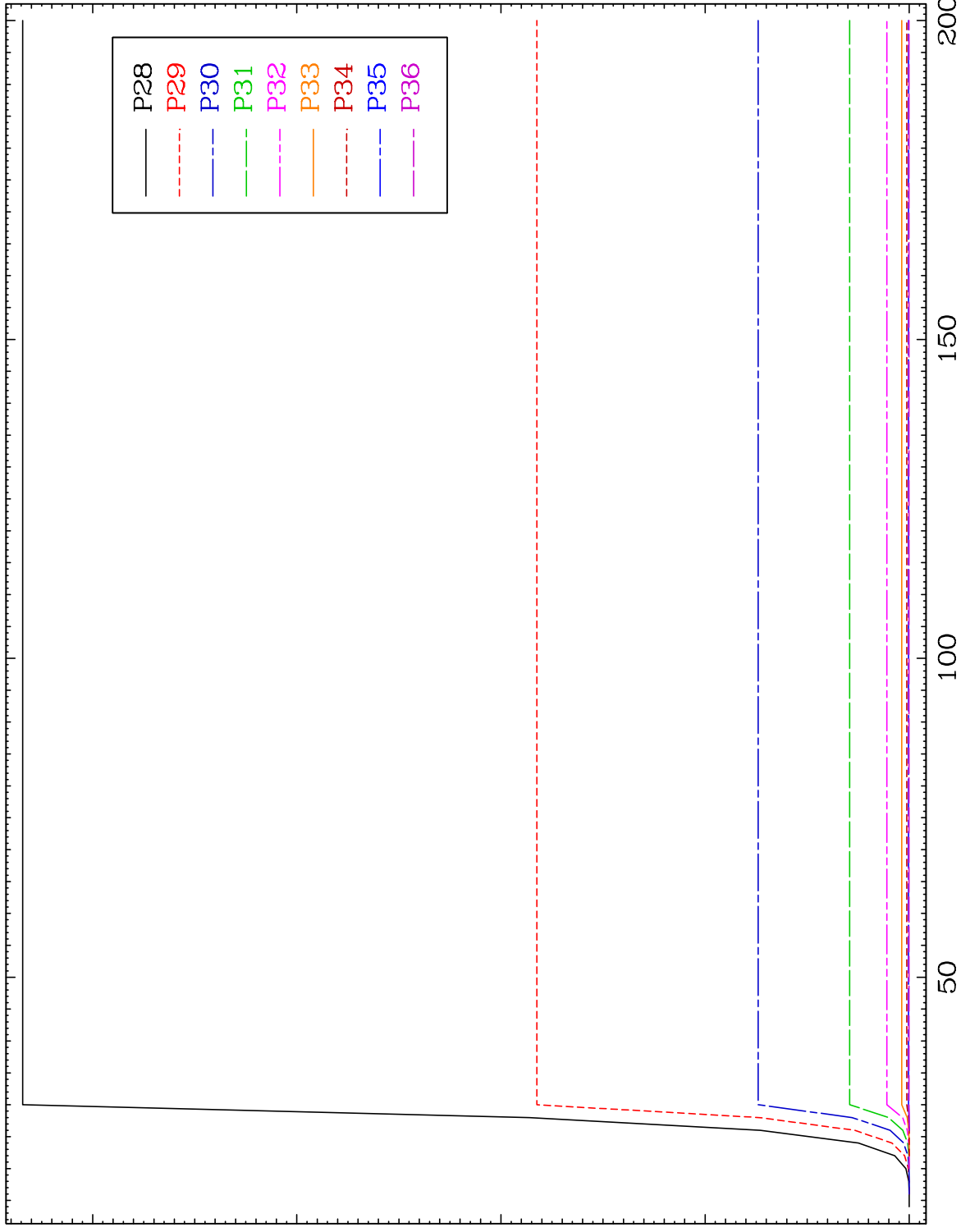
Legendre (CM)



56

Incident Energy (MeV)

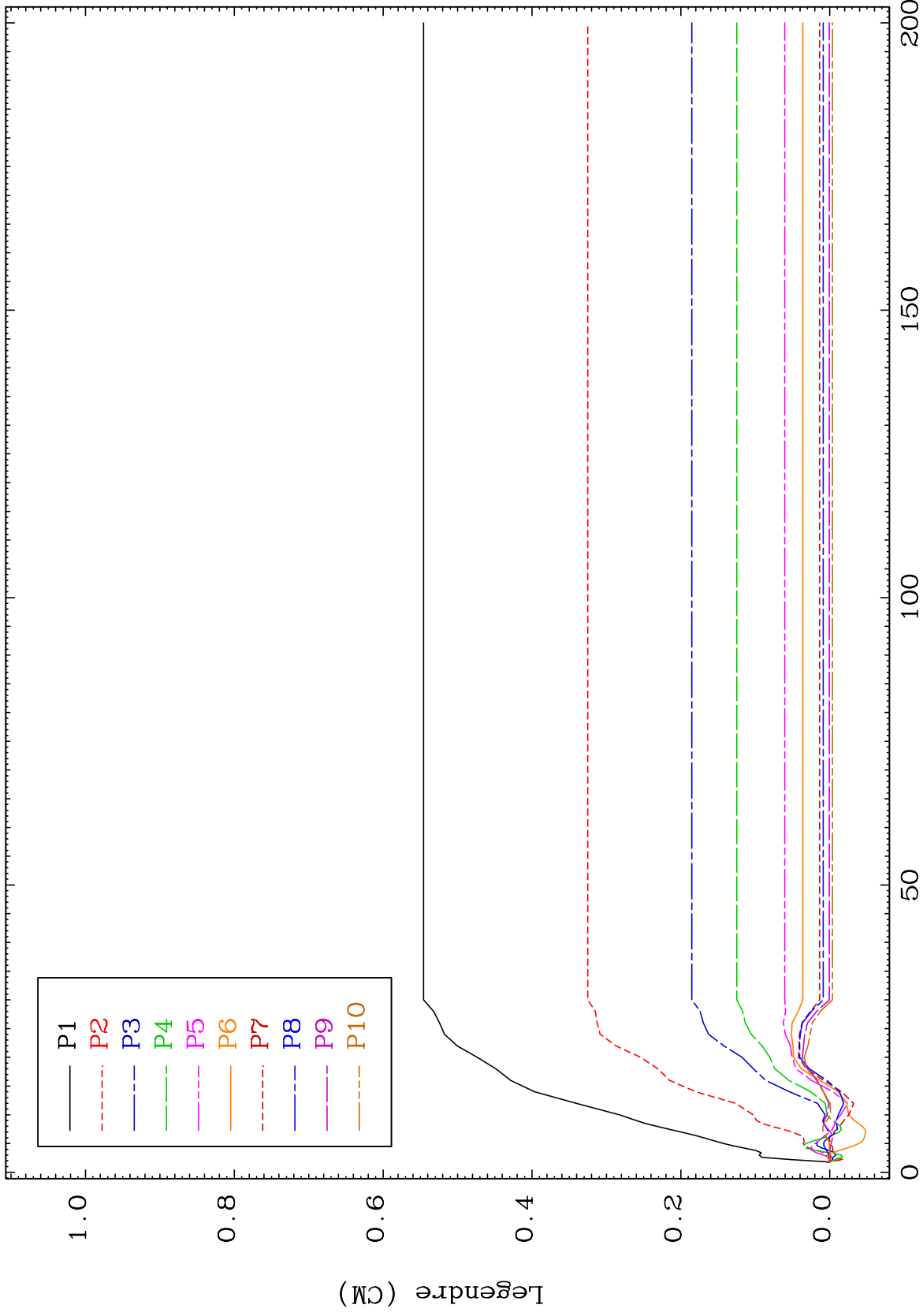
84-Po-197



MAT 8398

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

84-Po-197



57

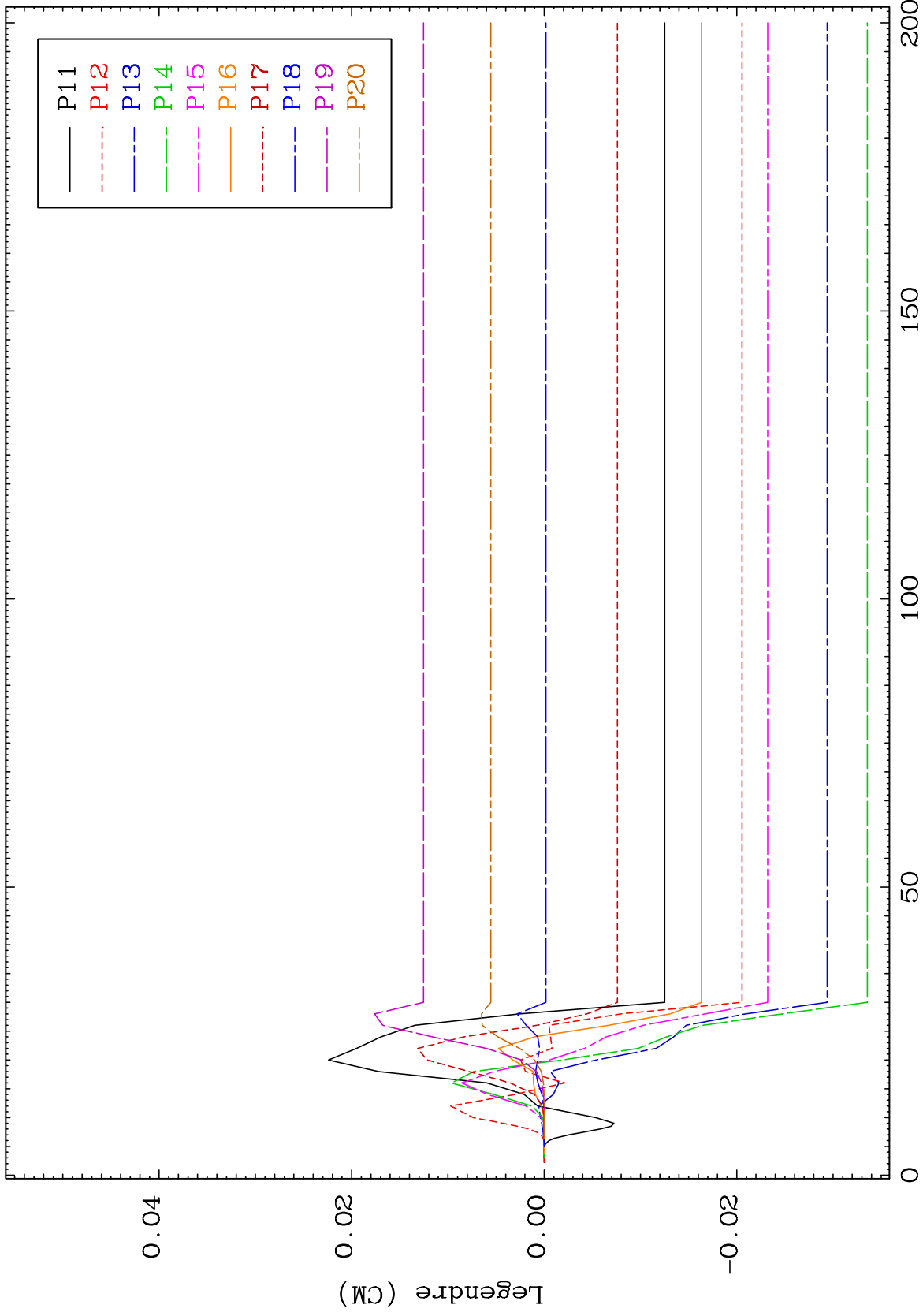
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



58

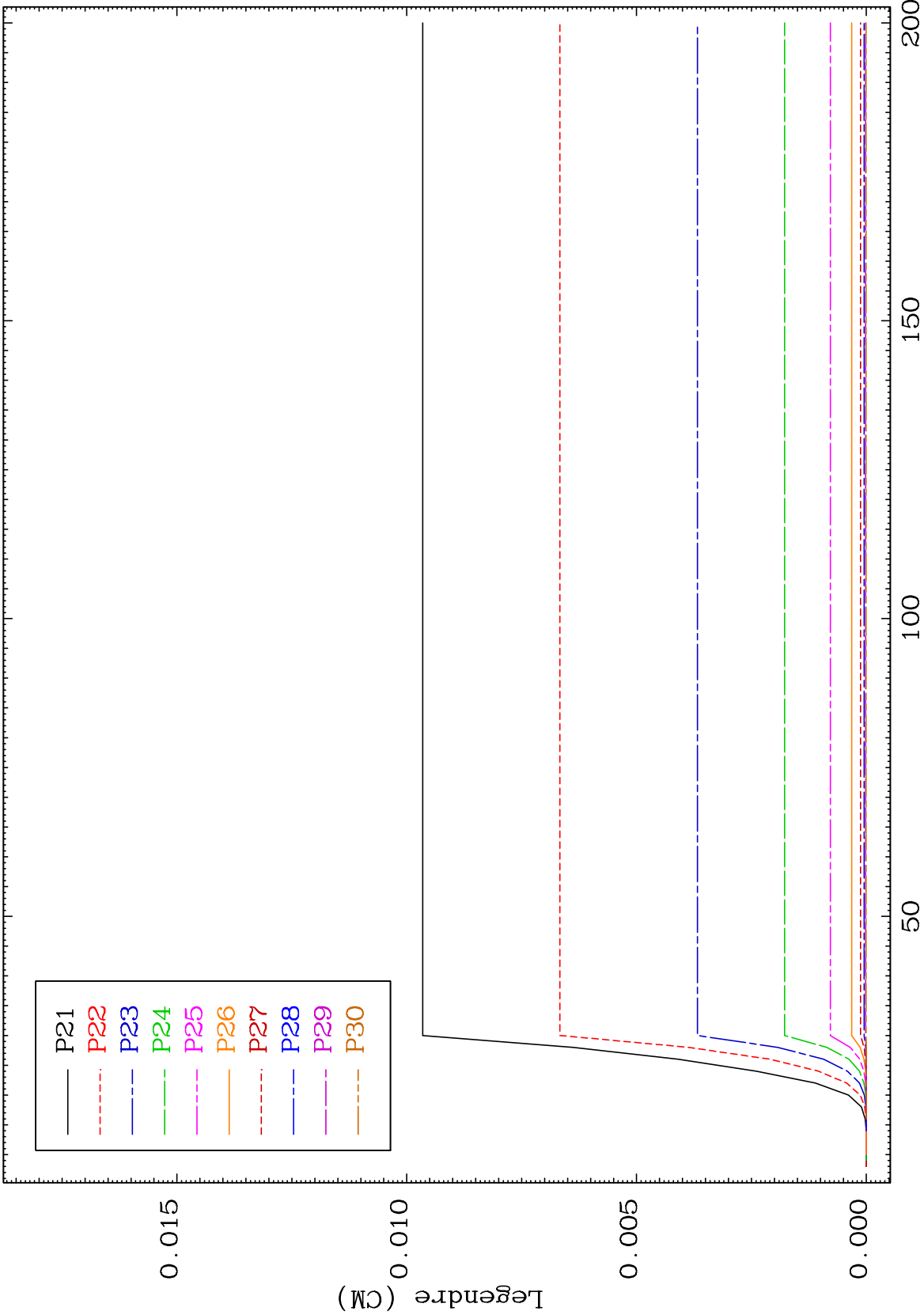
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



59

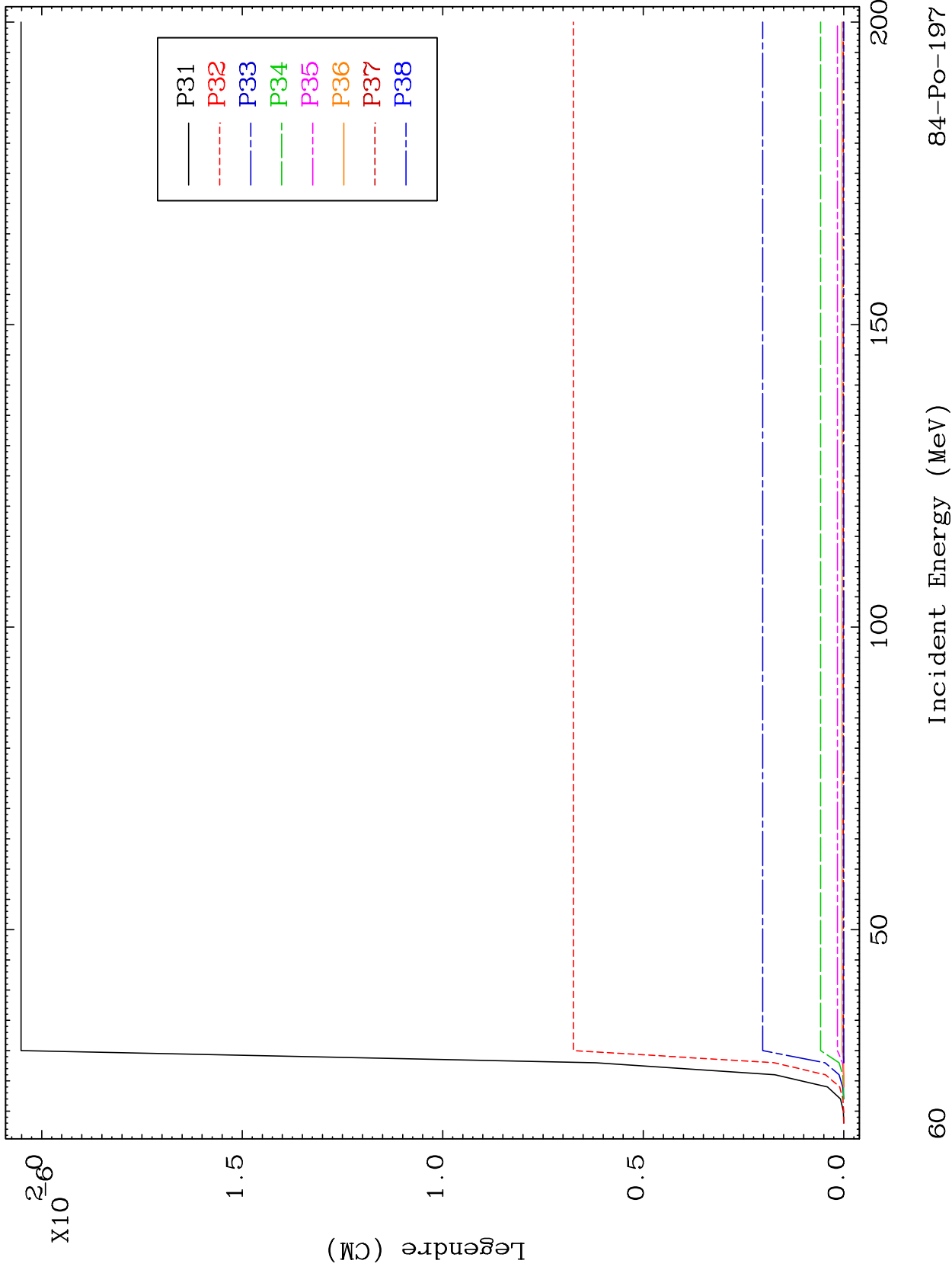
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197

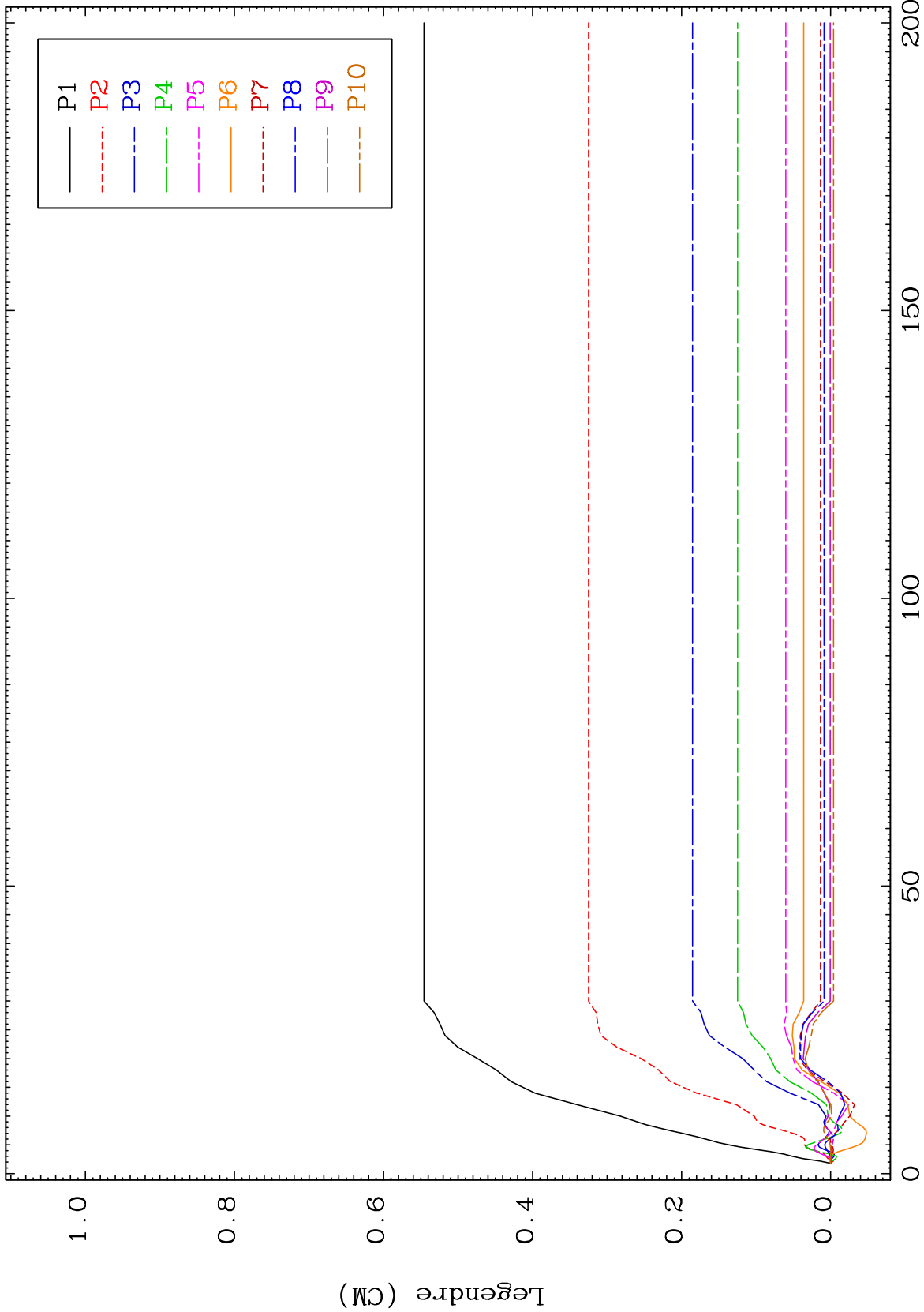


84-Po-197

MAT 8398

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

84-Po-197



84-Po-197

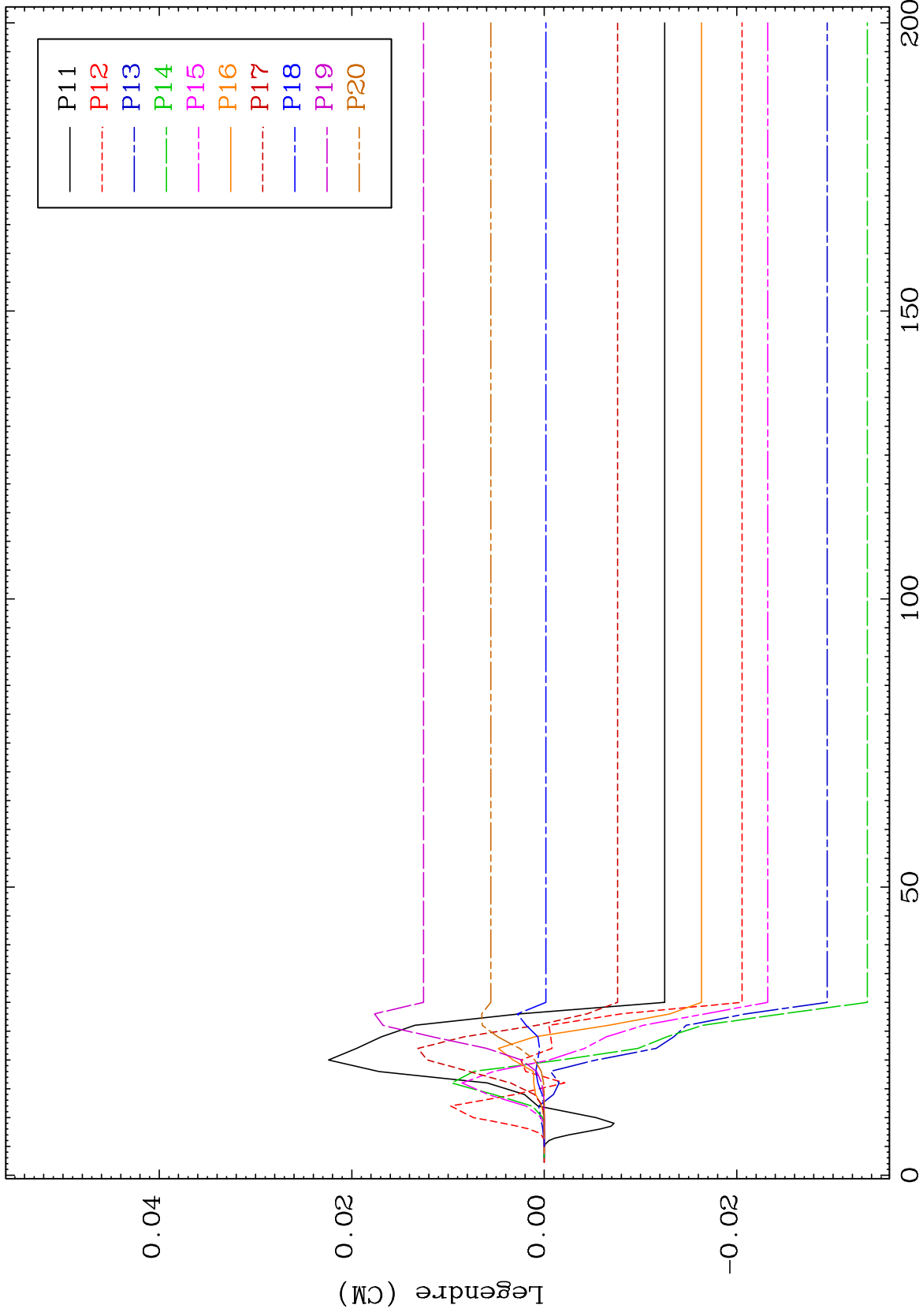
Incident Energy (MeV)

61

MAT 8398

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

84-Po-197



62

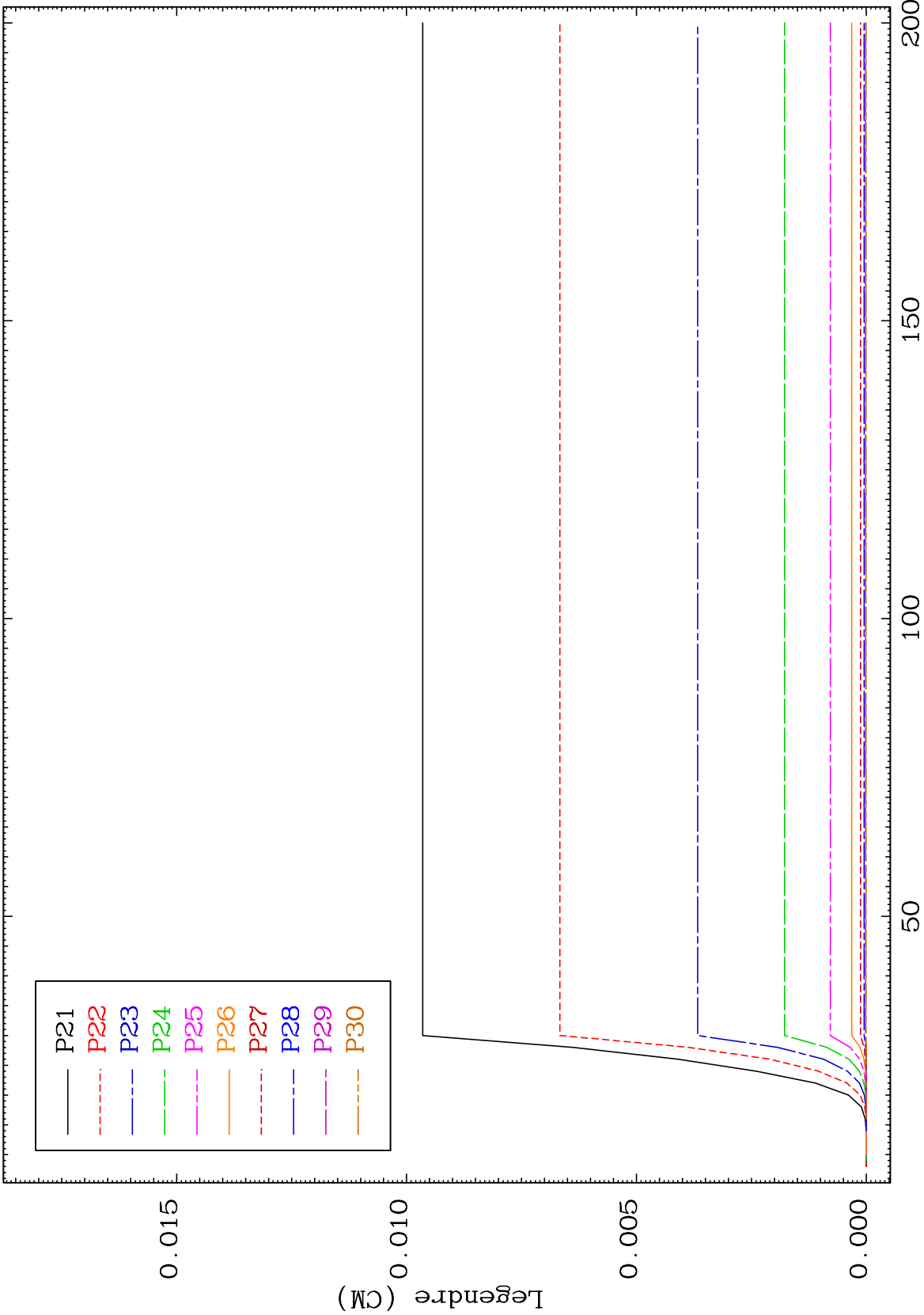
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



63

Incident Energy (MeV)

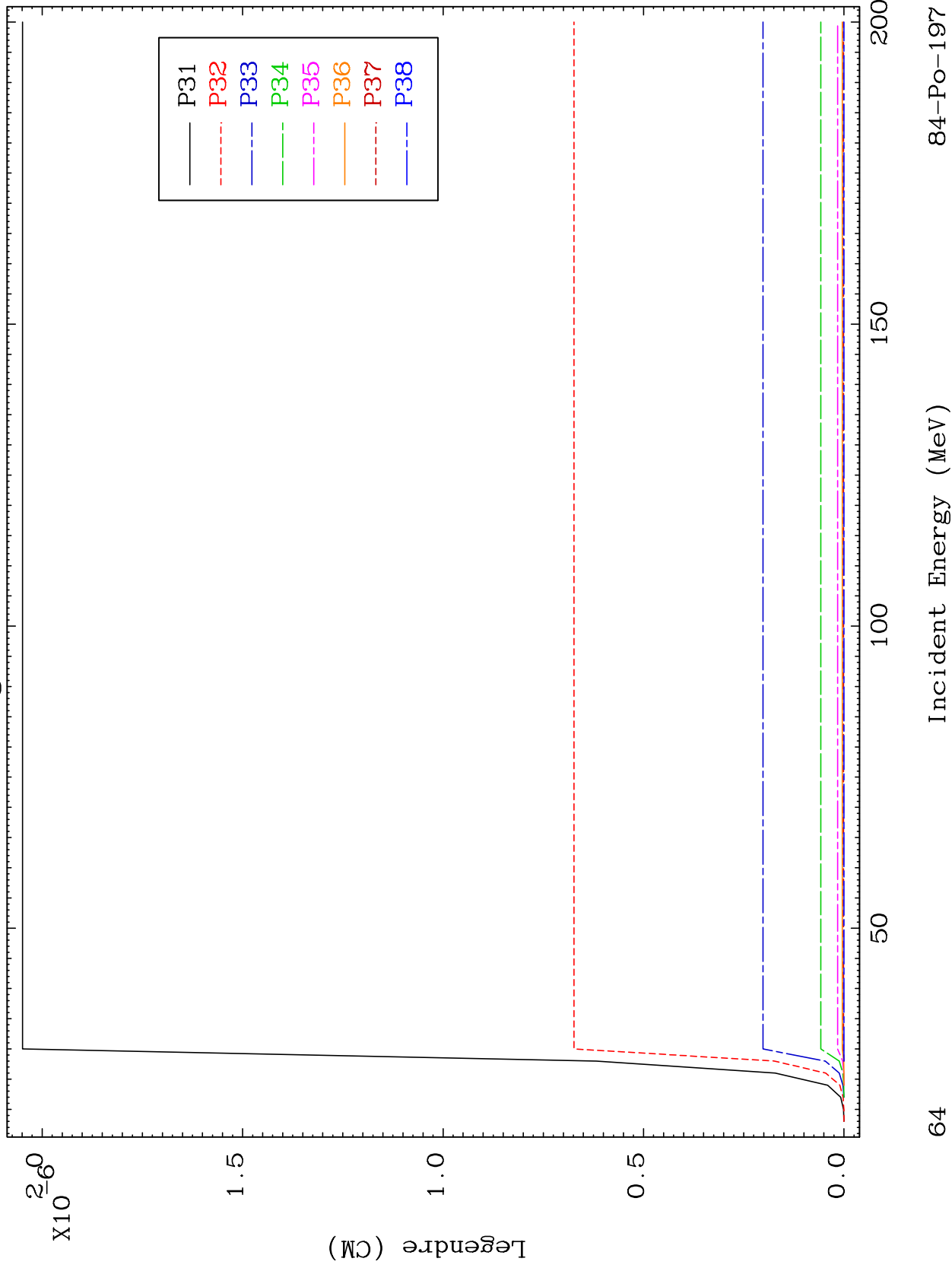
84-Po-197



MAT 8398

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

84-Po-197



64

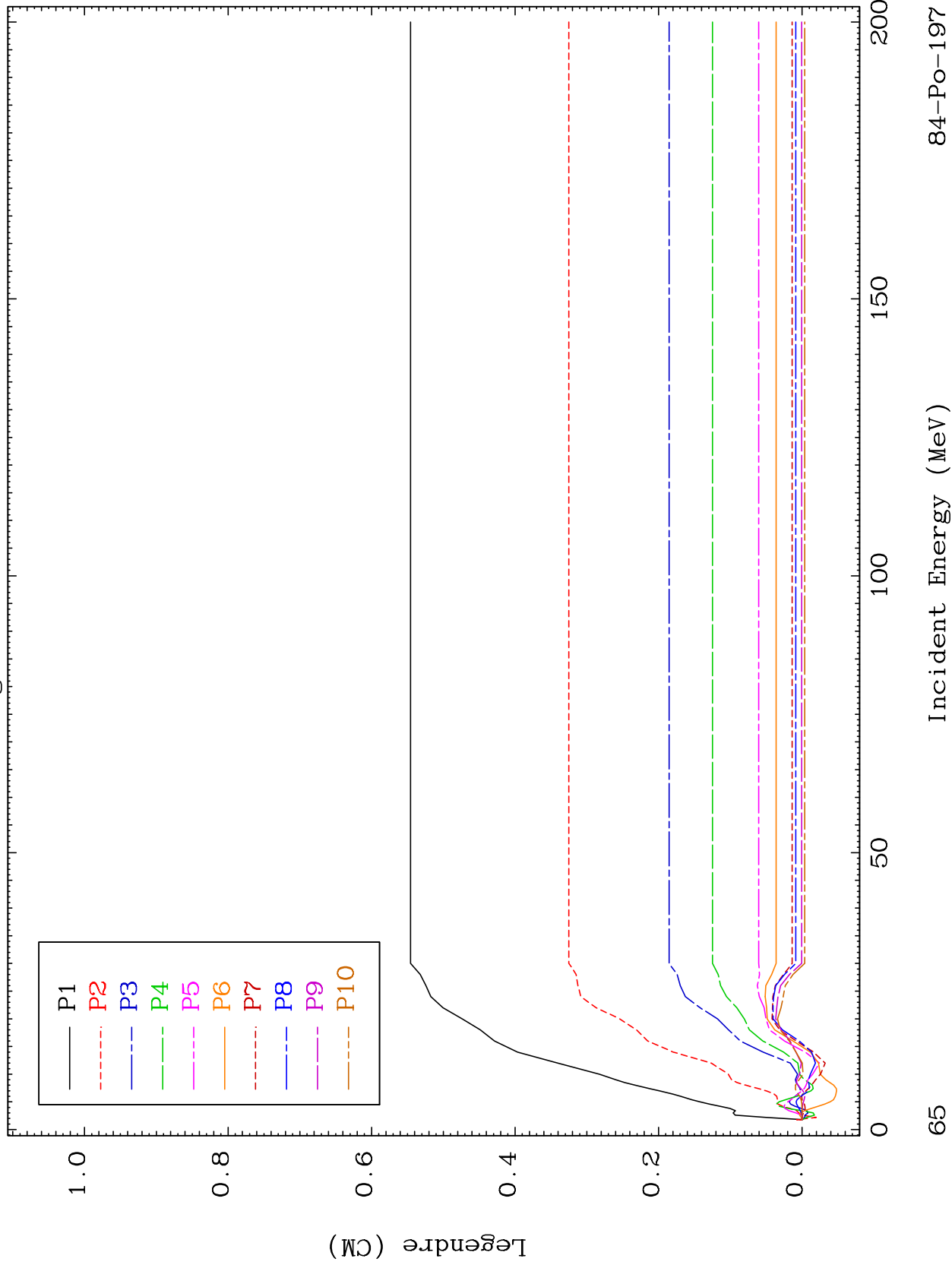
Incident Energy (MeV)

84-Po-197

MAT 8398

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

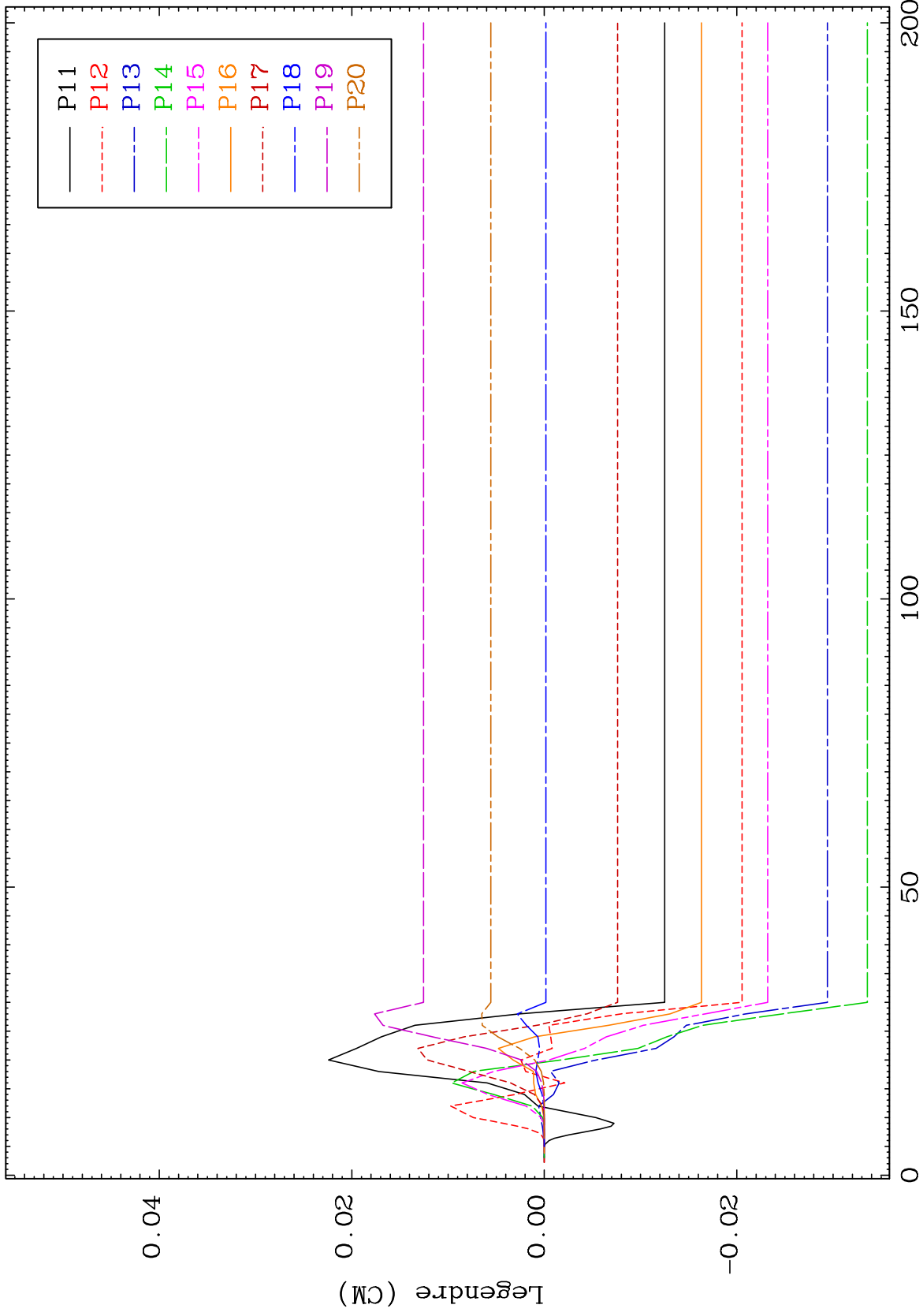
84-Po-197



MAT 8398

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

84-Po-197



66

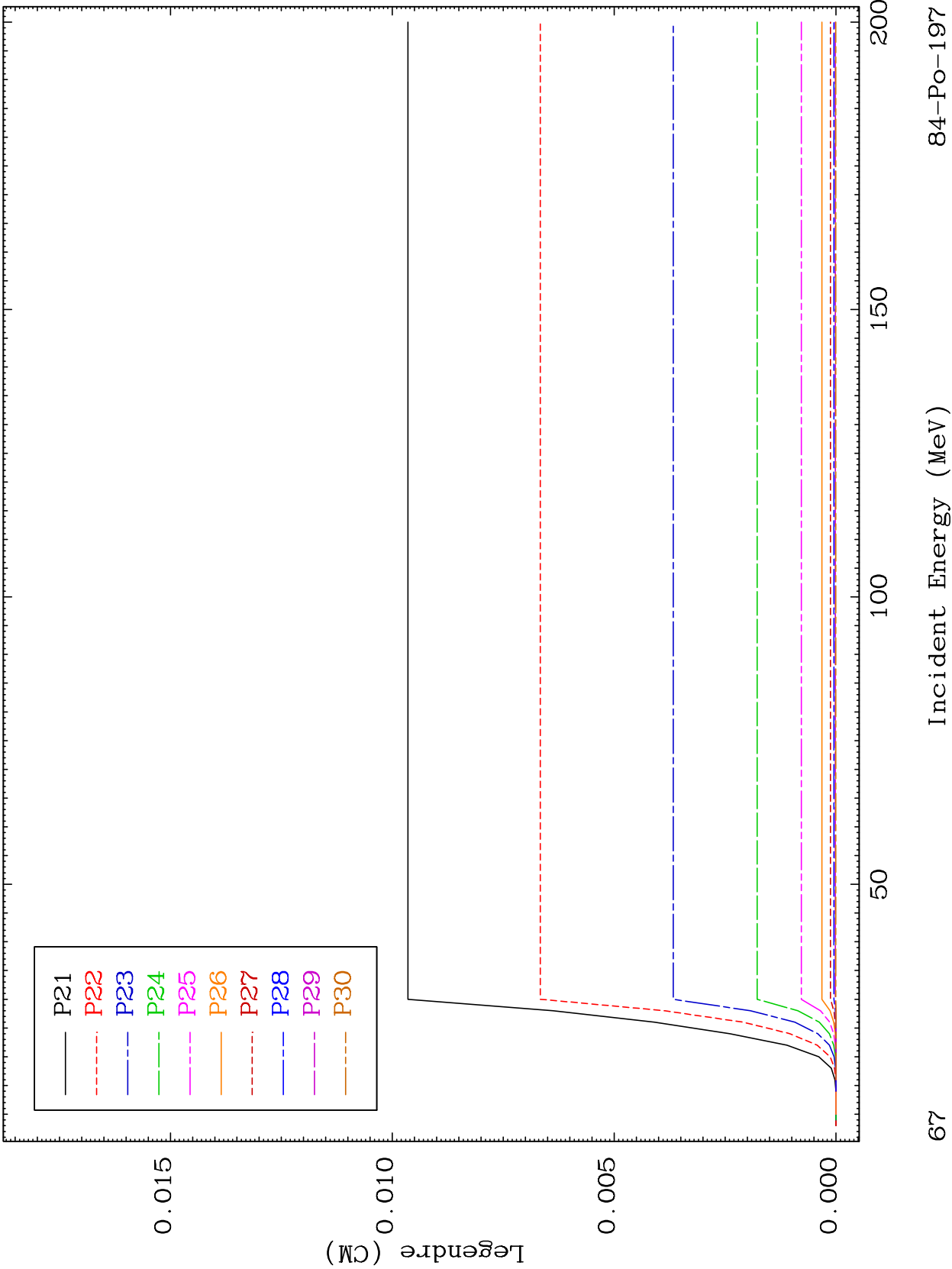
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



67

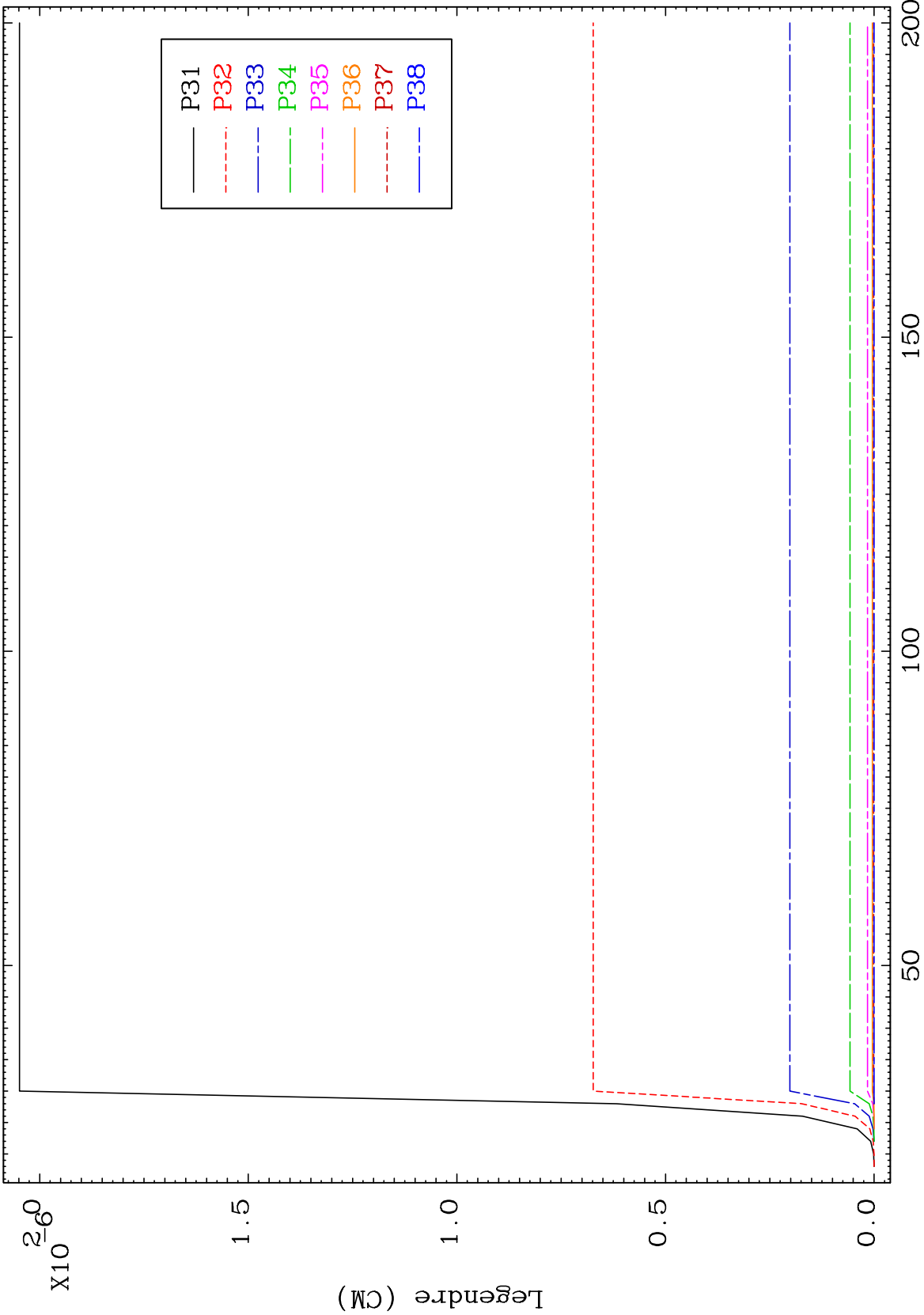
Incident Energy (MeV)

84-Po-197

MAT 8398

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

84-Po-197



68

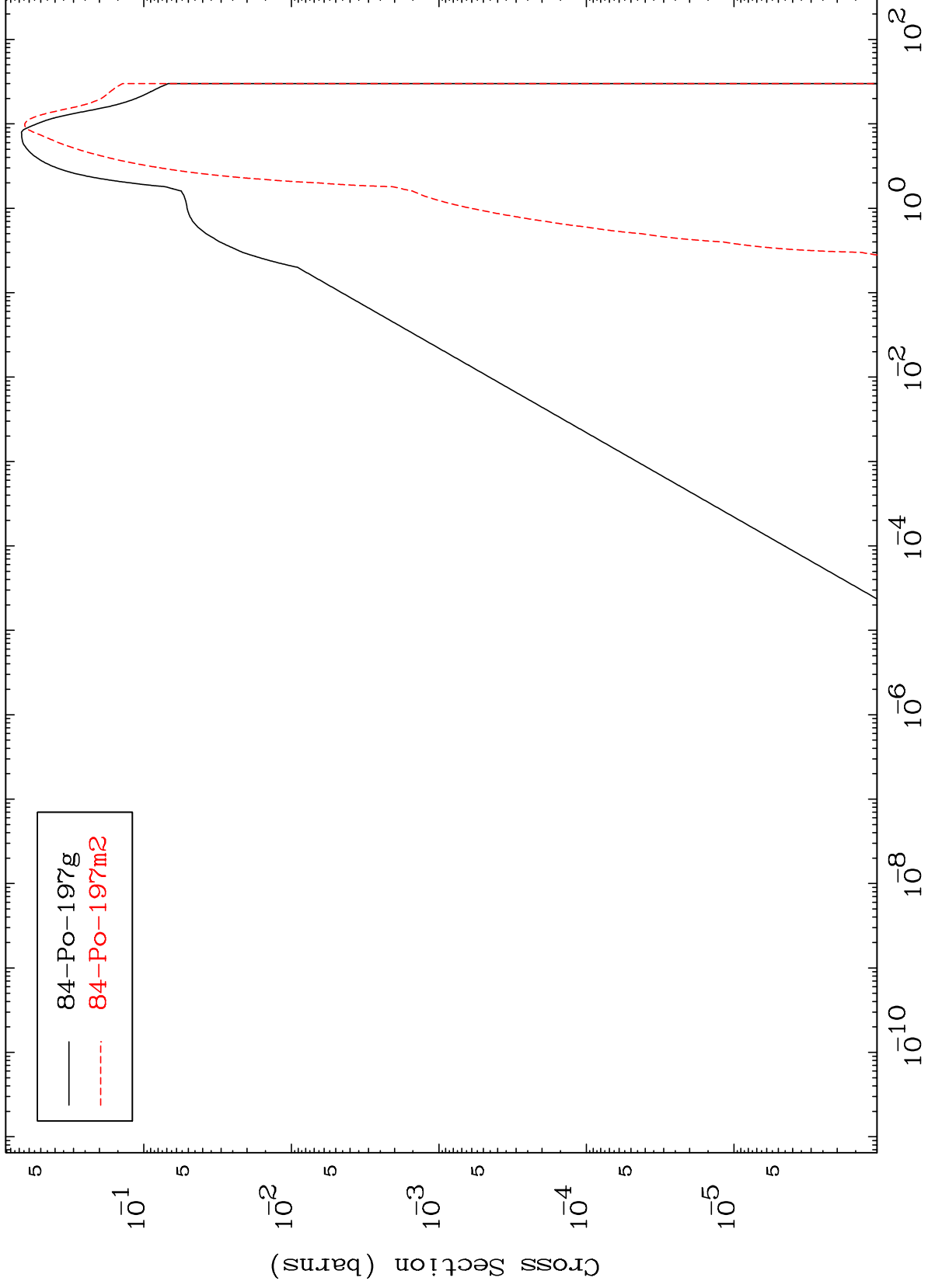
Incident Energy (MeV)

84-Po-197

MAT 8398

Inelastic  
Radionuclide Production Cross Section

84-Po-197



69

Incident Energy (MeV)

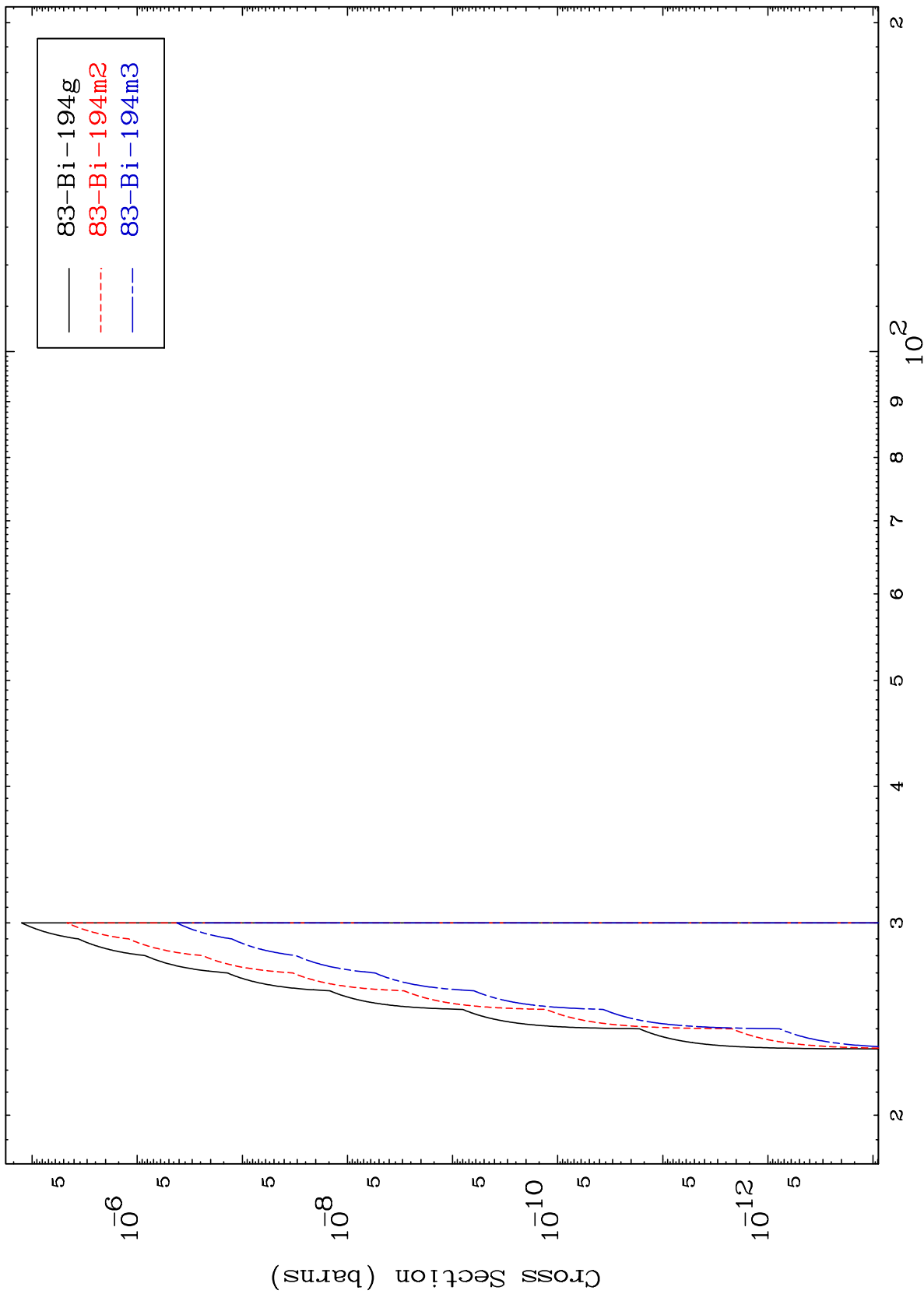
84-Po-197

MAT 8398

(n,2n) d

84-Po-197

Radionuclide Production Cross Section

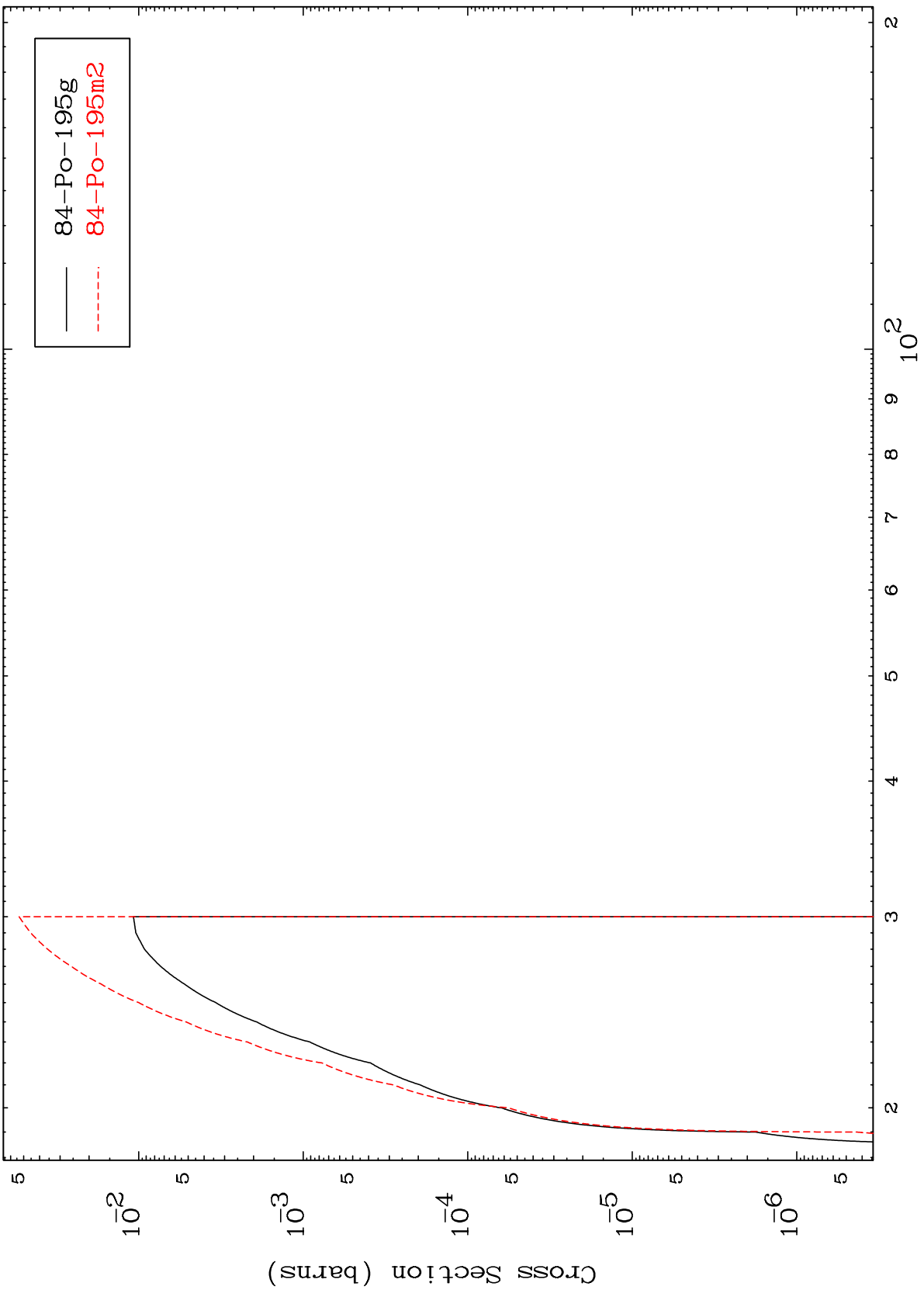


70

Incident Energy (MeV)

84-Po-197

(n,3n)  
Radionuclide Production Cross Section

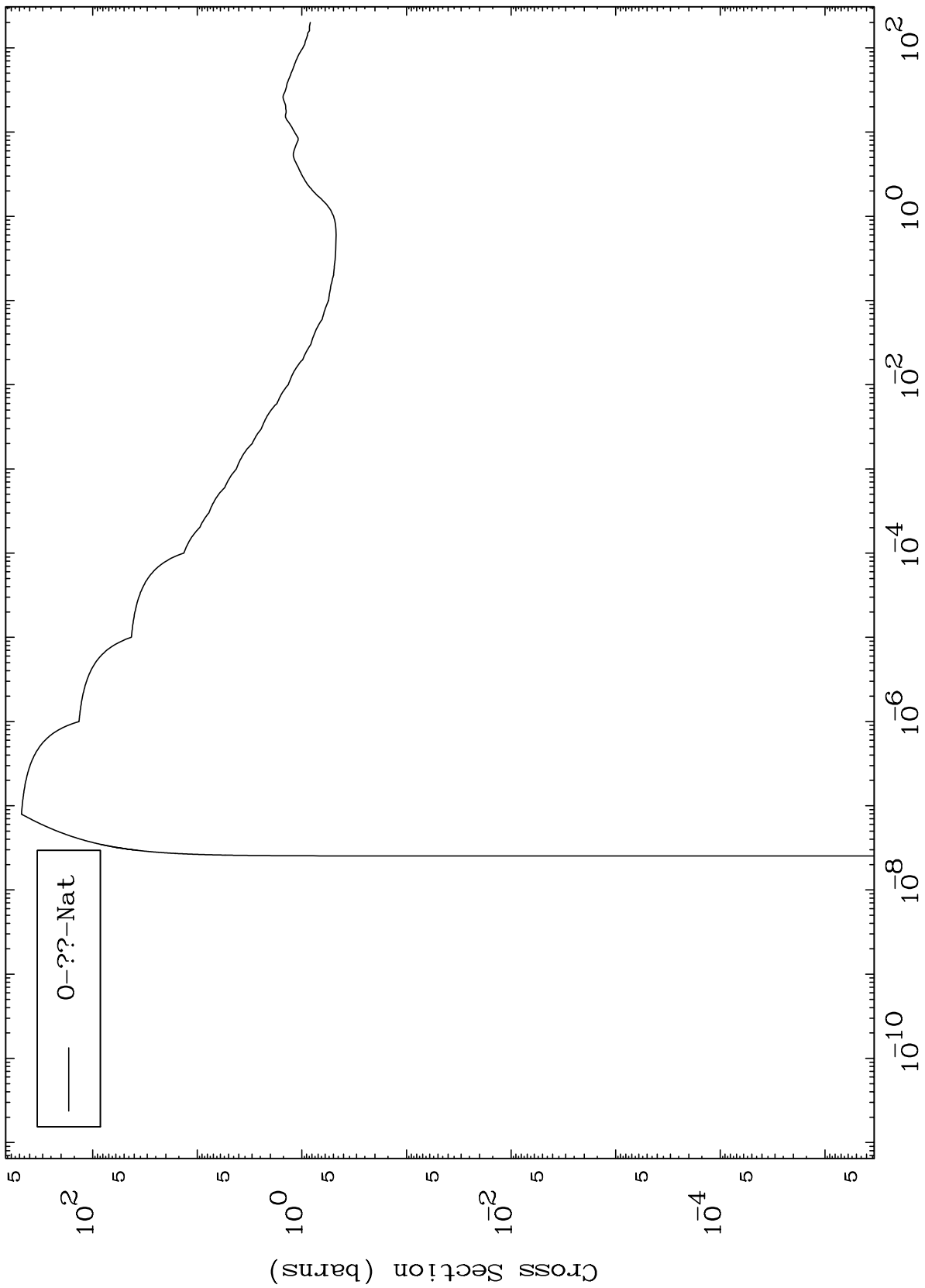




MAT 8398

84-Po-197

Fission  
Radionuclide Production Cross Section



72

84-Po-197

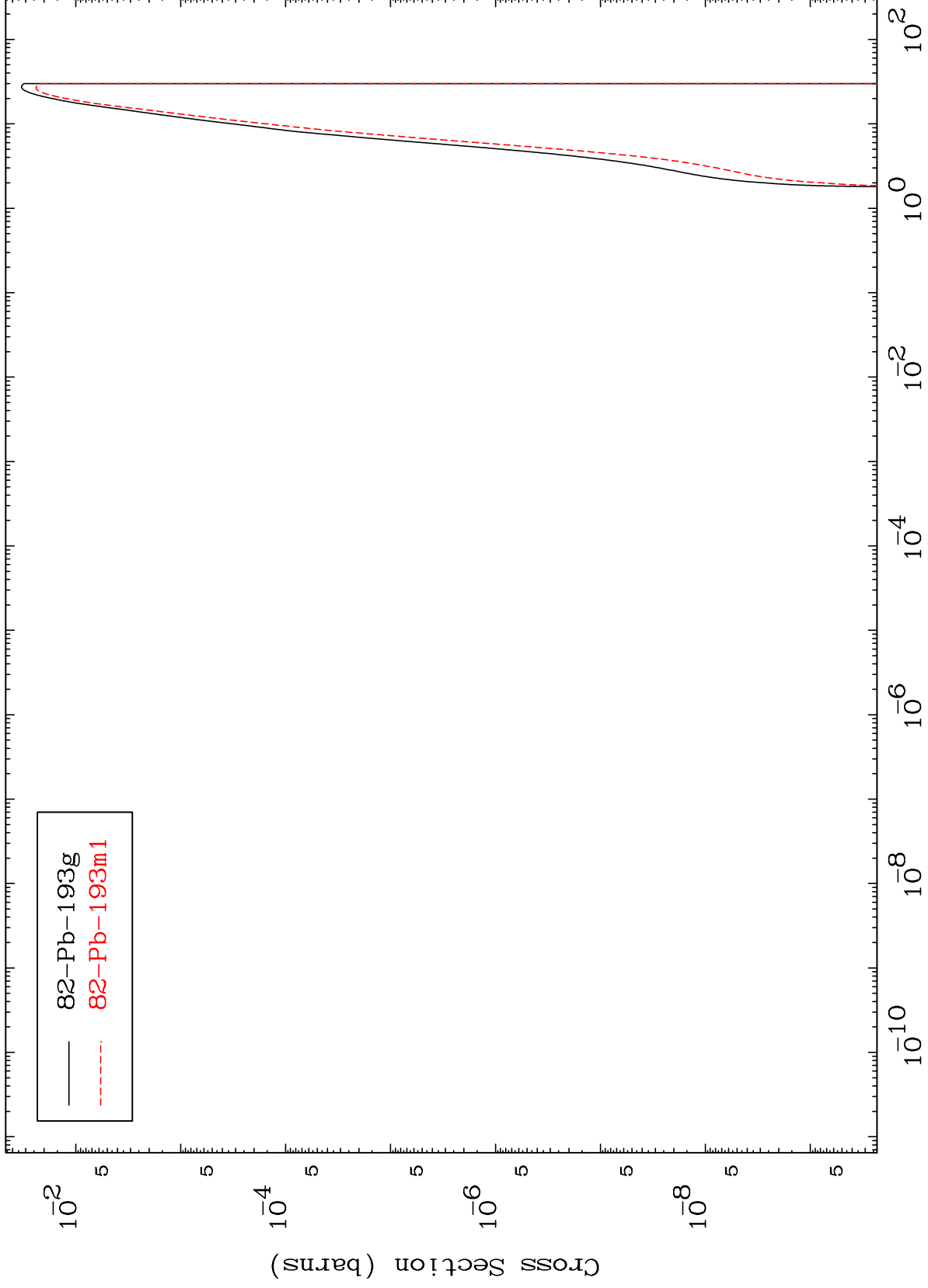
Incident Energy (MeV)

MAT 8398

$(n, n')$   $\alpha$

84-Po-197

Radionuclide Production Cross Section



73

Incident Energy (MeV)

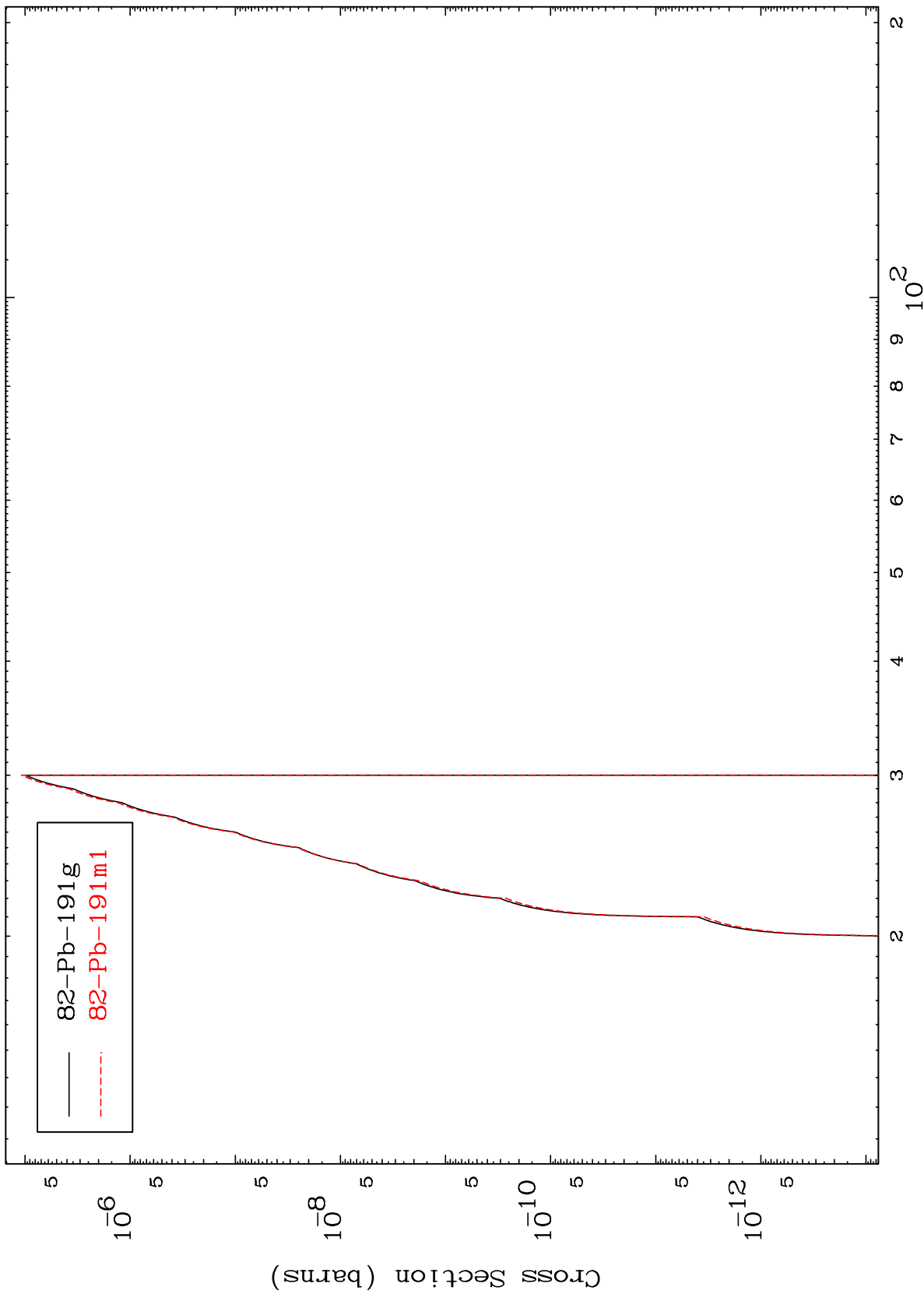
84-Po-197

MAT 8398

(n,3n)  $\alpha$

84-Po-197

Radionuclide Production Cross Section



74

Incident Energy (MeV)

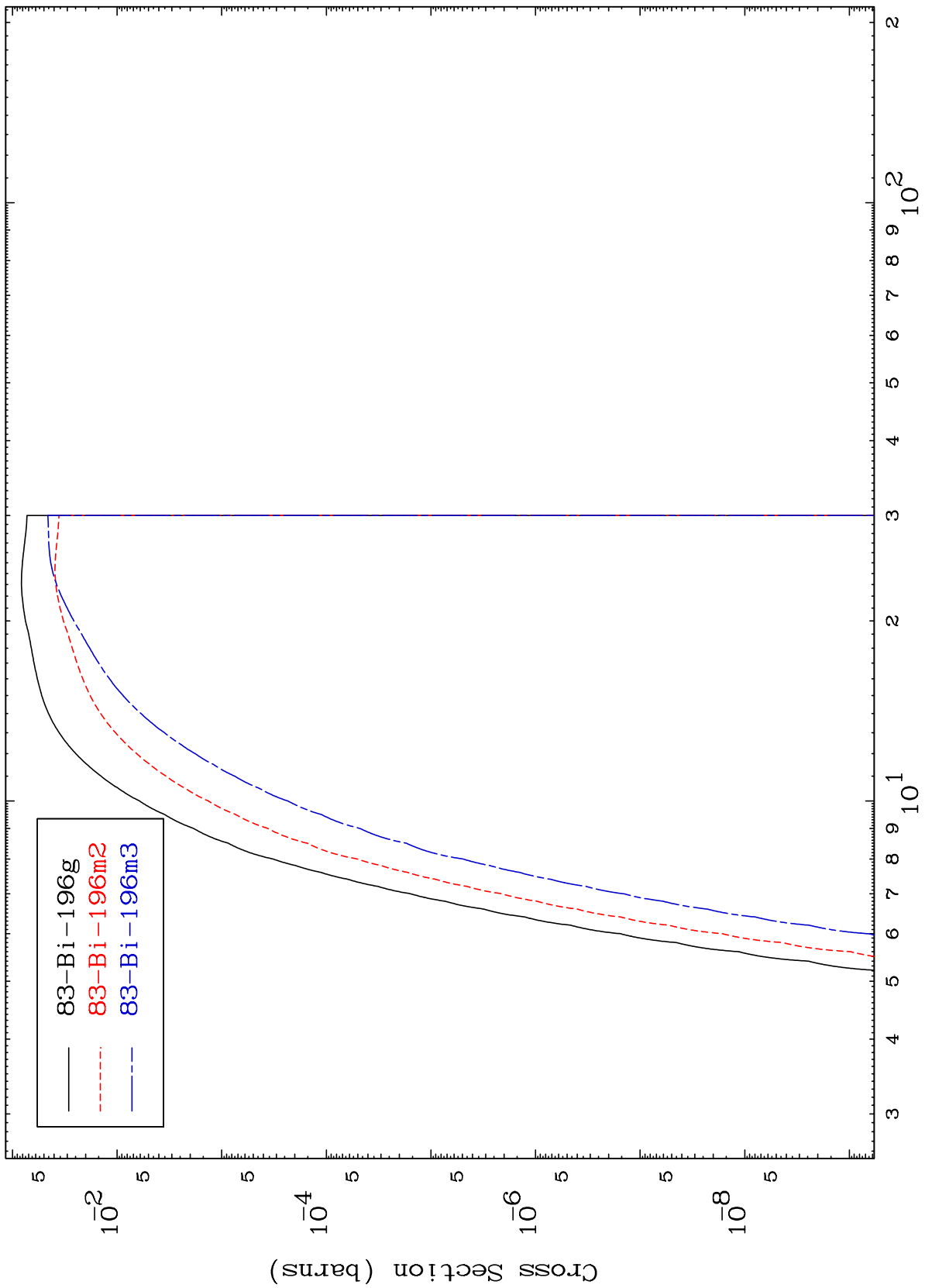
84-Po-197

MAT 8398

84-Po-197

(n,n') p

Radionuclide Production Cross Section



83-Bi-196g  
83-Bi-196m2  
83-Bi-196m3

84-Po-197

Incident Energy (MeV)

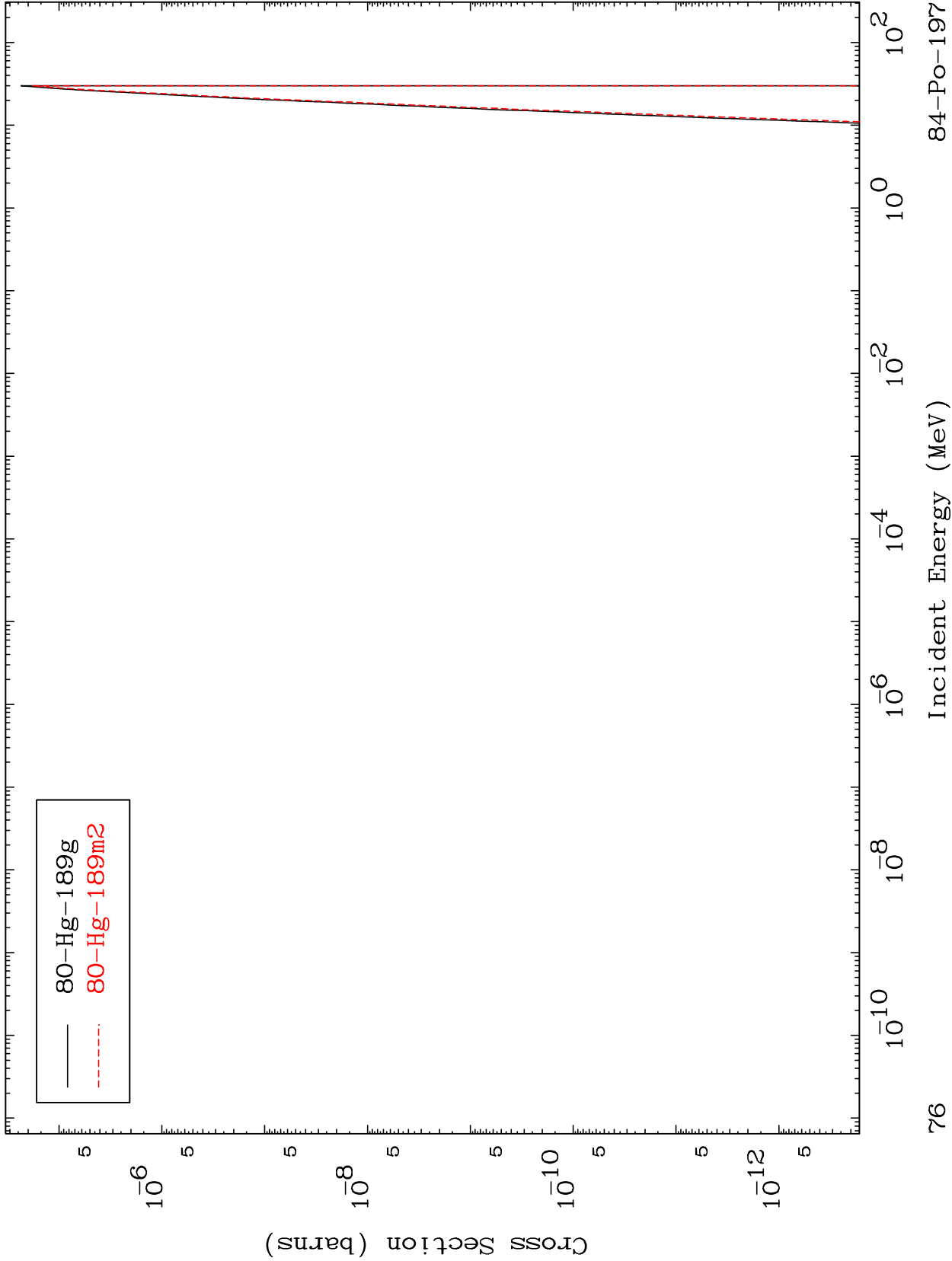
75

MAT 8398

(n,n') 2 $\alpha$

84-Po-197

Radionuclide Production Cross Section



76

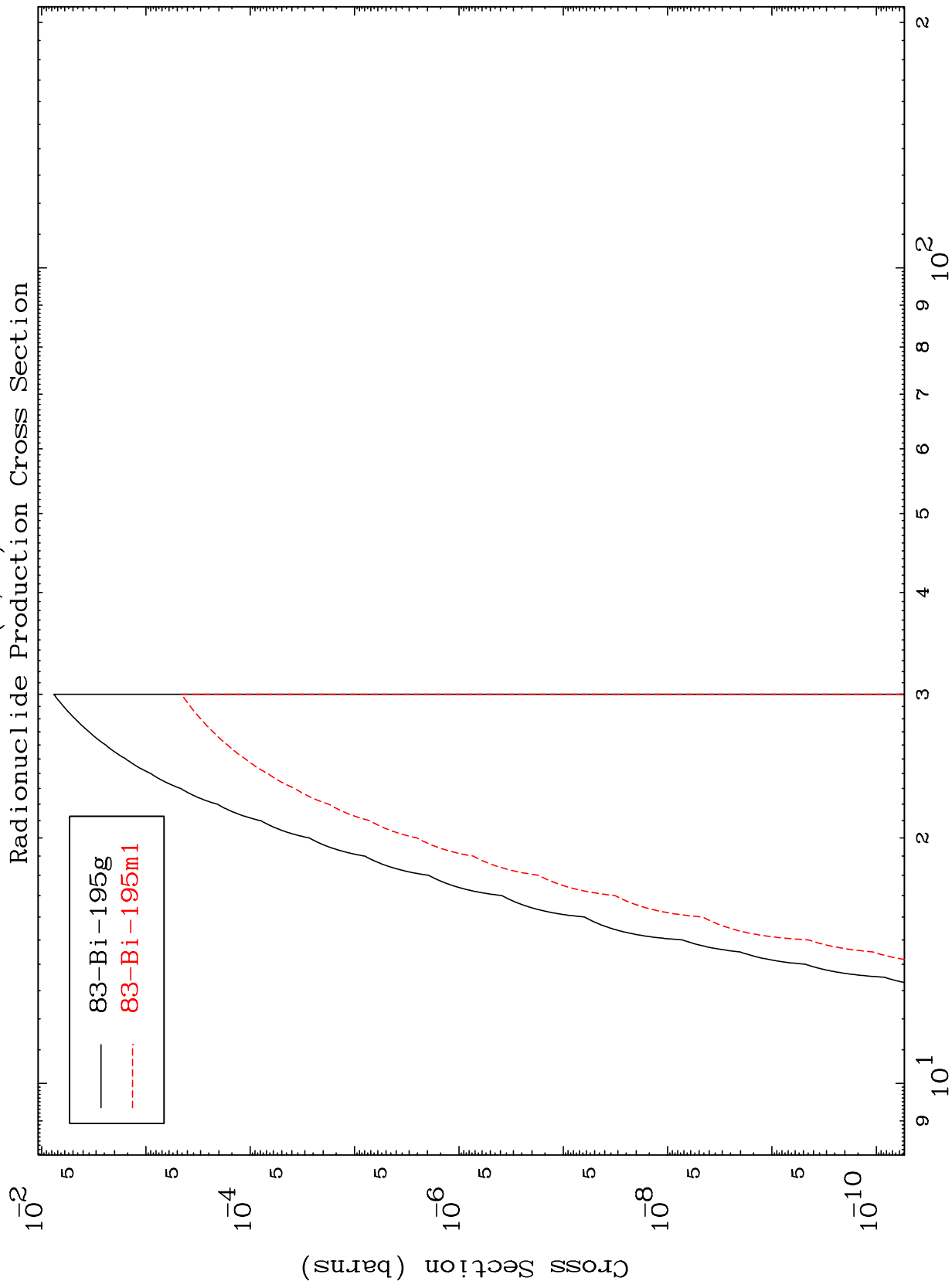
Incident Energy (MeV)

84-Po-197

MAT 8398

(n,n') d

84-Po-197



77

Incident Energy (MeV)

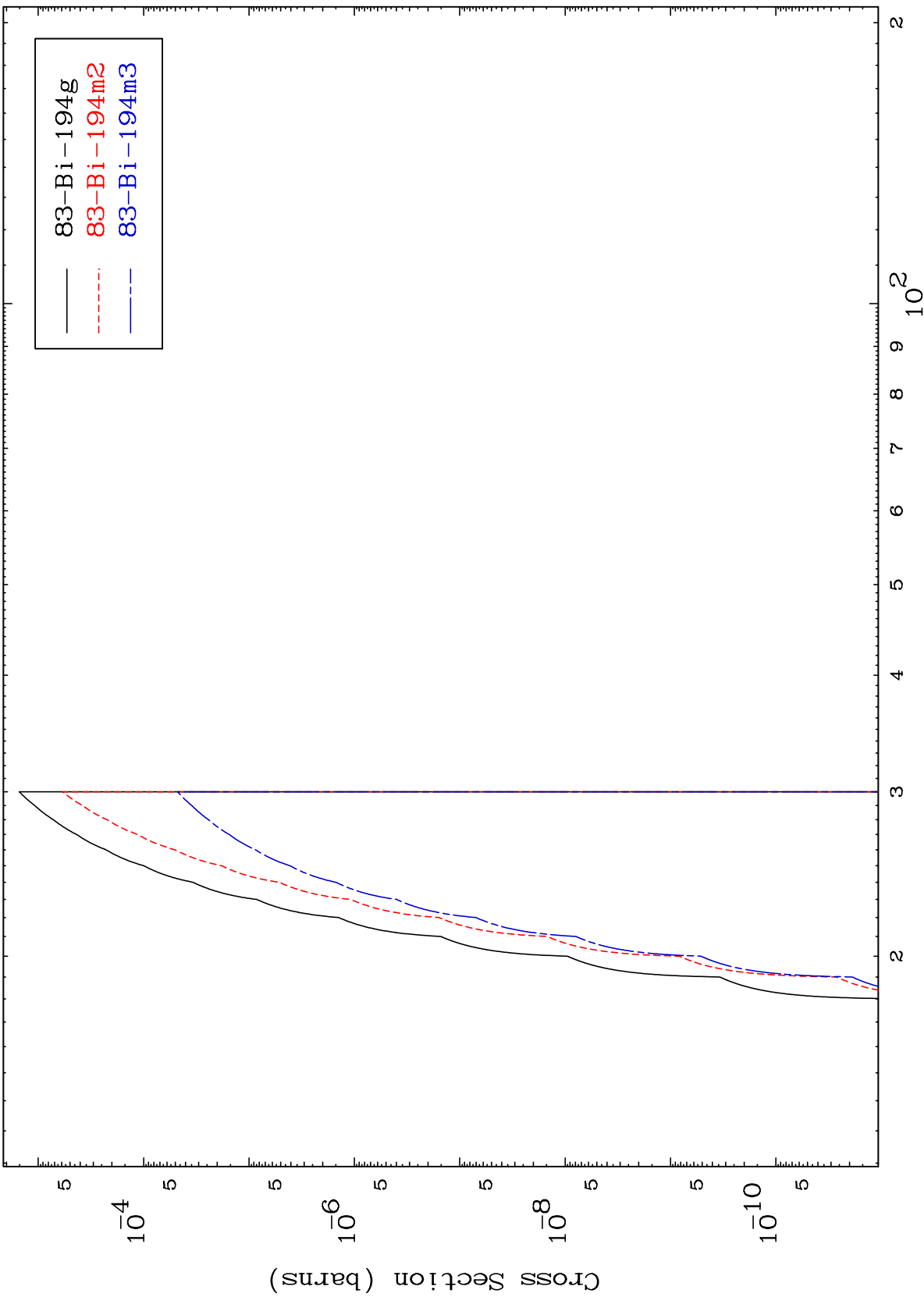
84-Po-197

MAT 8398

(n,n') t

84-Po-197

Radionuclide Production Cross Section



78

Incident Energy (MeV)

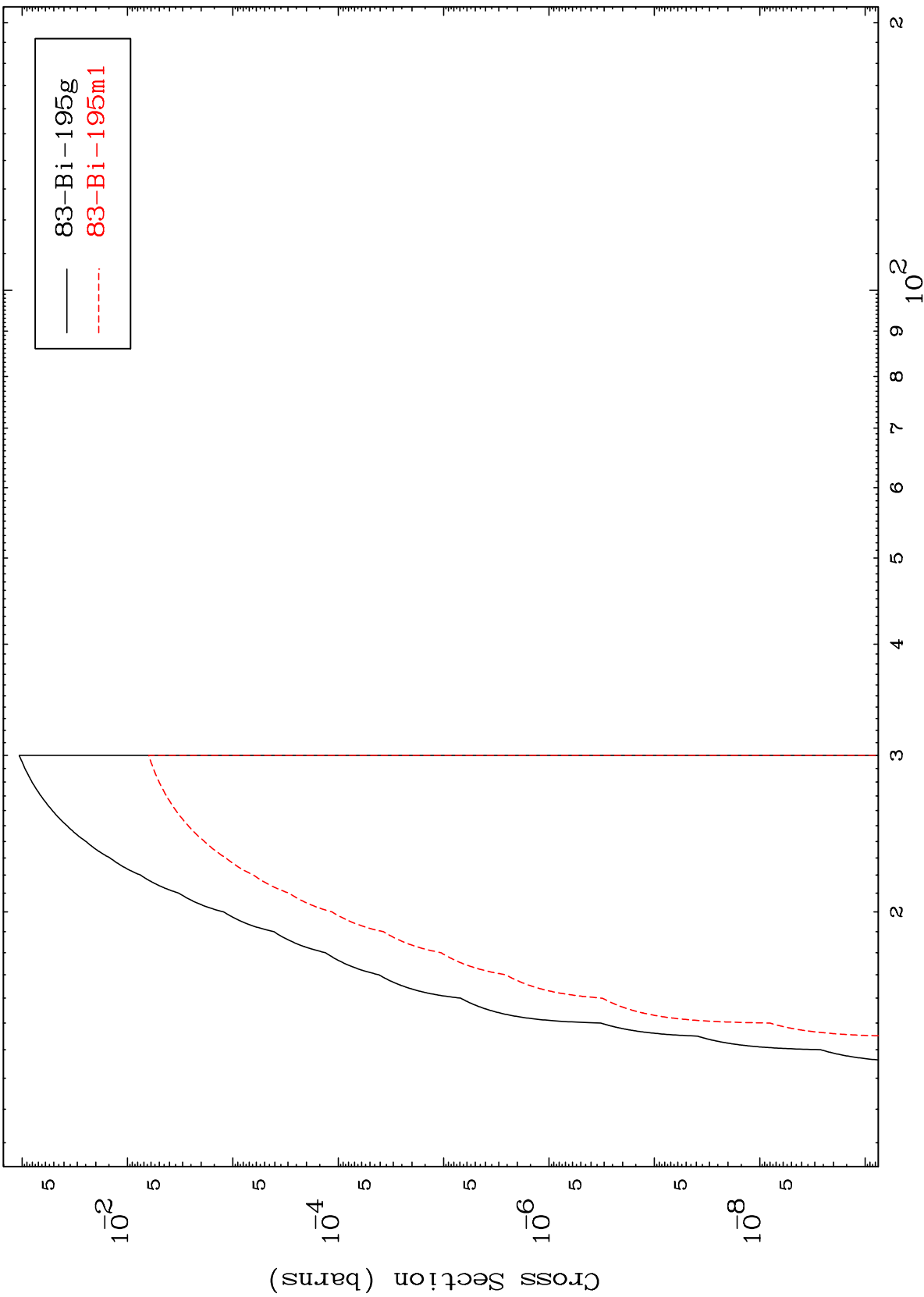
84-Po-197

MAT 8398

(n,2n) p

84-Po-197

Radionuclide Production Cross Section



79

Incident Energy (MeV)

84-Po-197

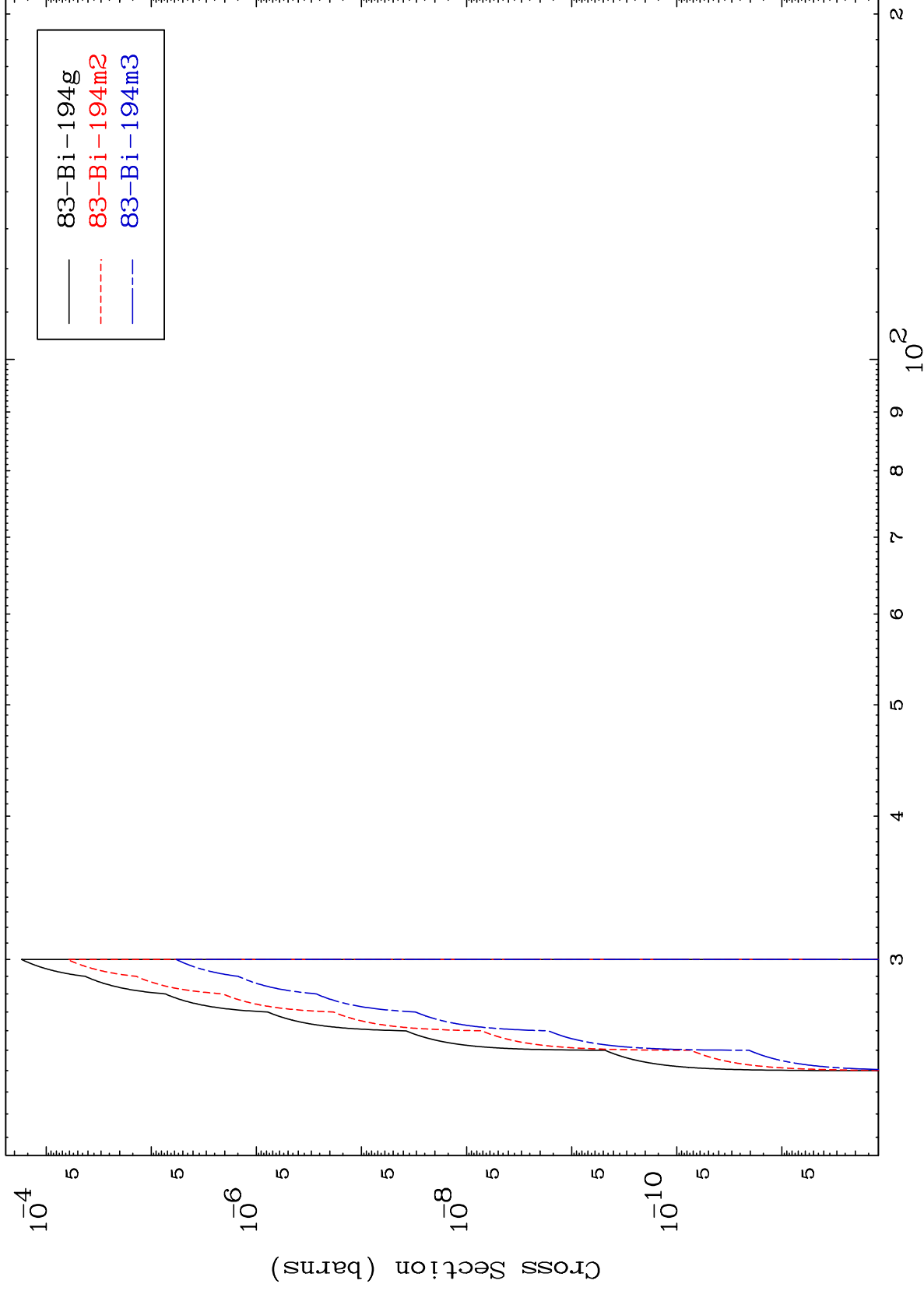


MAT 8398

(n,3n) p

84-Po-197

Radionuclide Production Cross Section



80

Incident Energy (MeV)

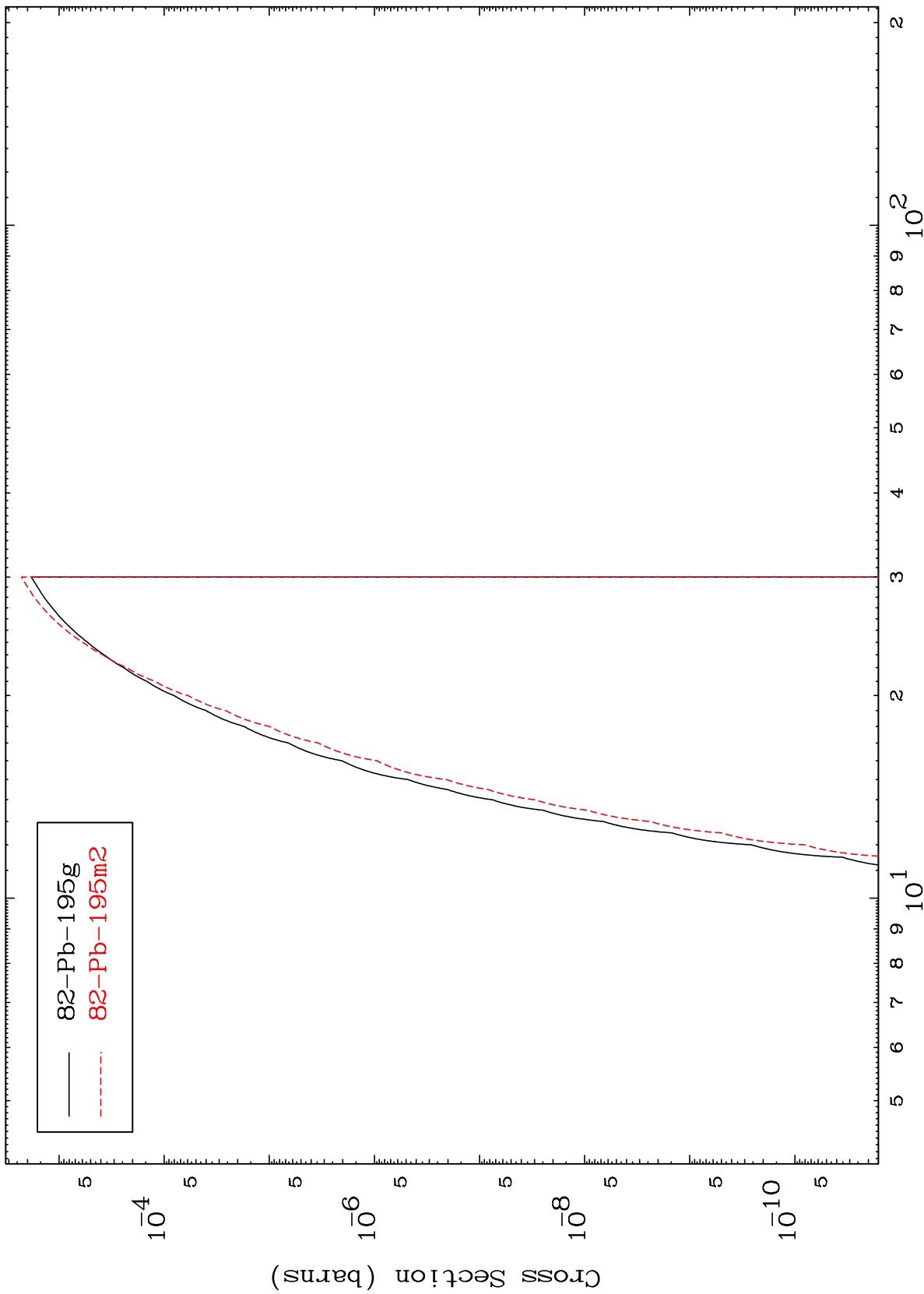
84-Po-197

MAT 8398

$(n,2n)$  p

84-Po-197

Radionuclide Production Cross Section



81

Incident Energy (MeV)

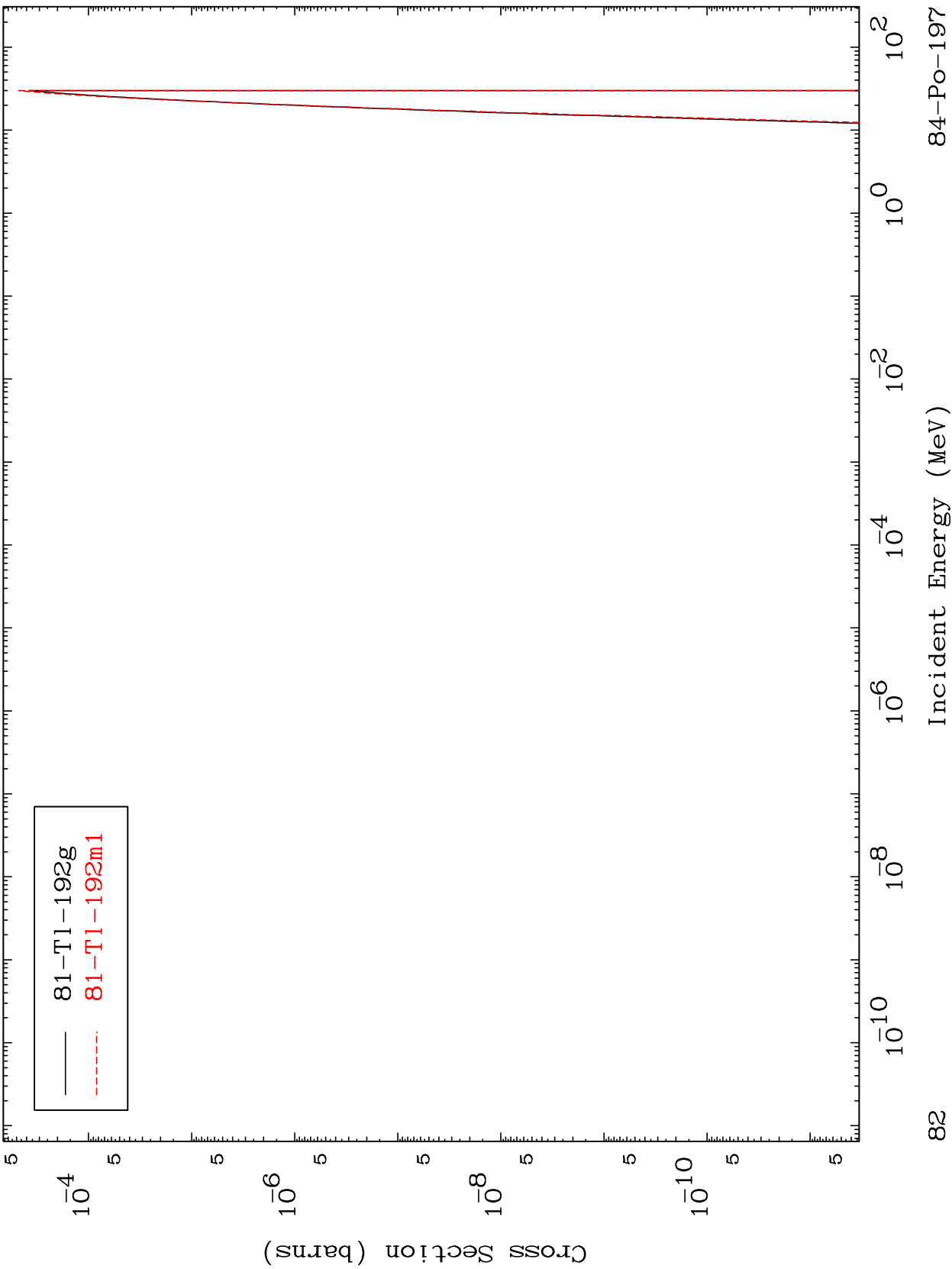
84-Po-197

MAT 8398

(n,n') p  $\alpha$

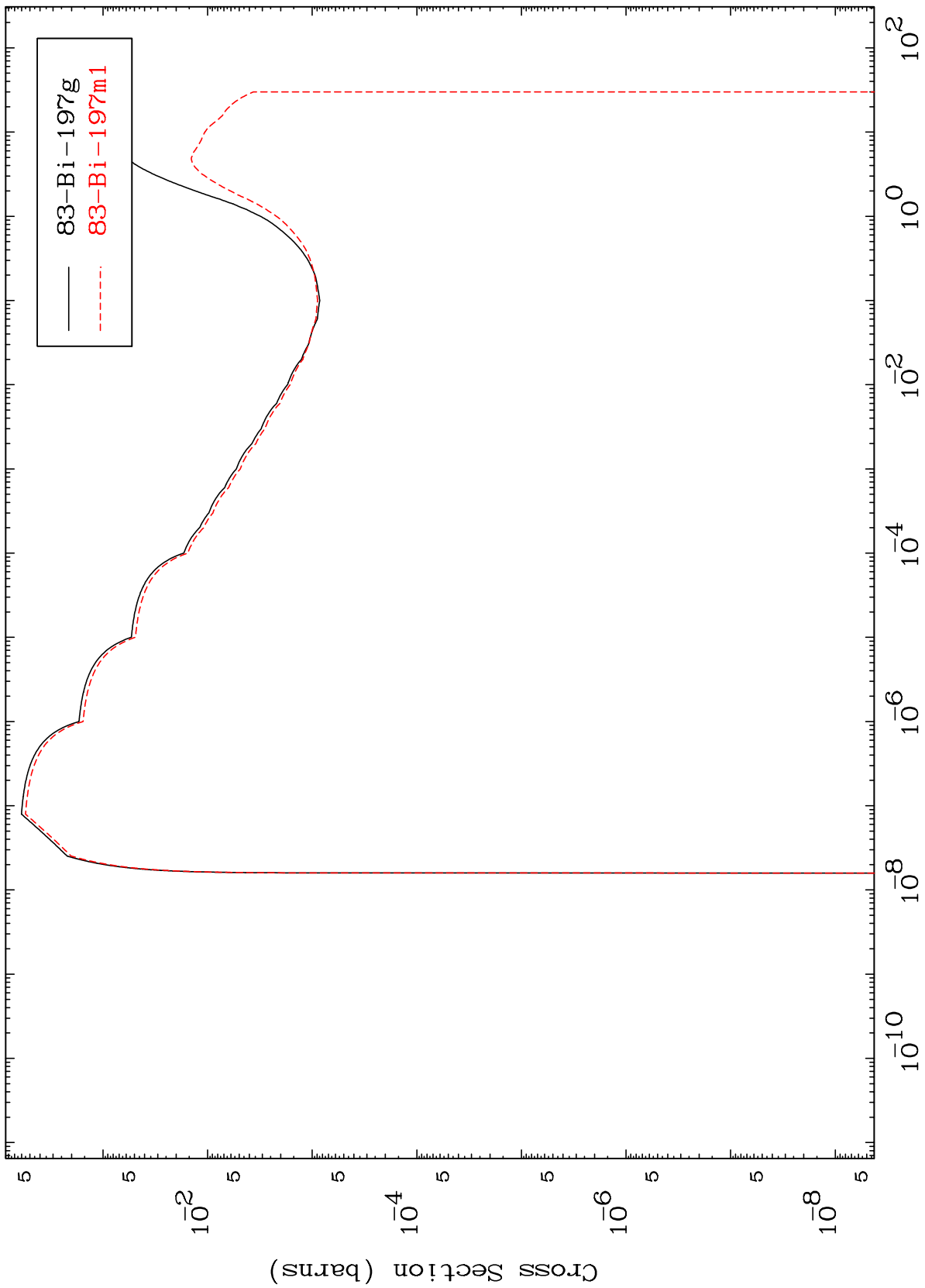
84-Po-197

Radionuclide Production Cross Section



82

(n,p)  
Radionuclide Production Cross Section

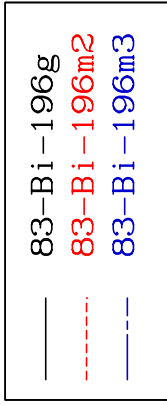
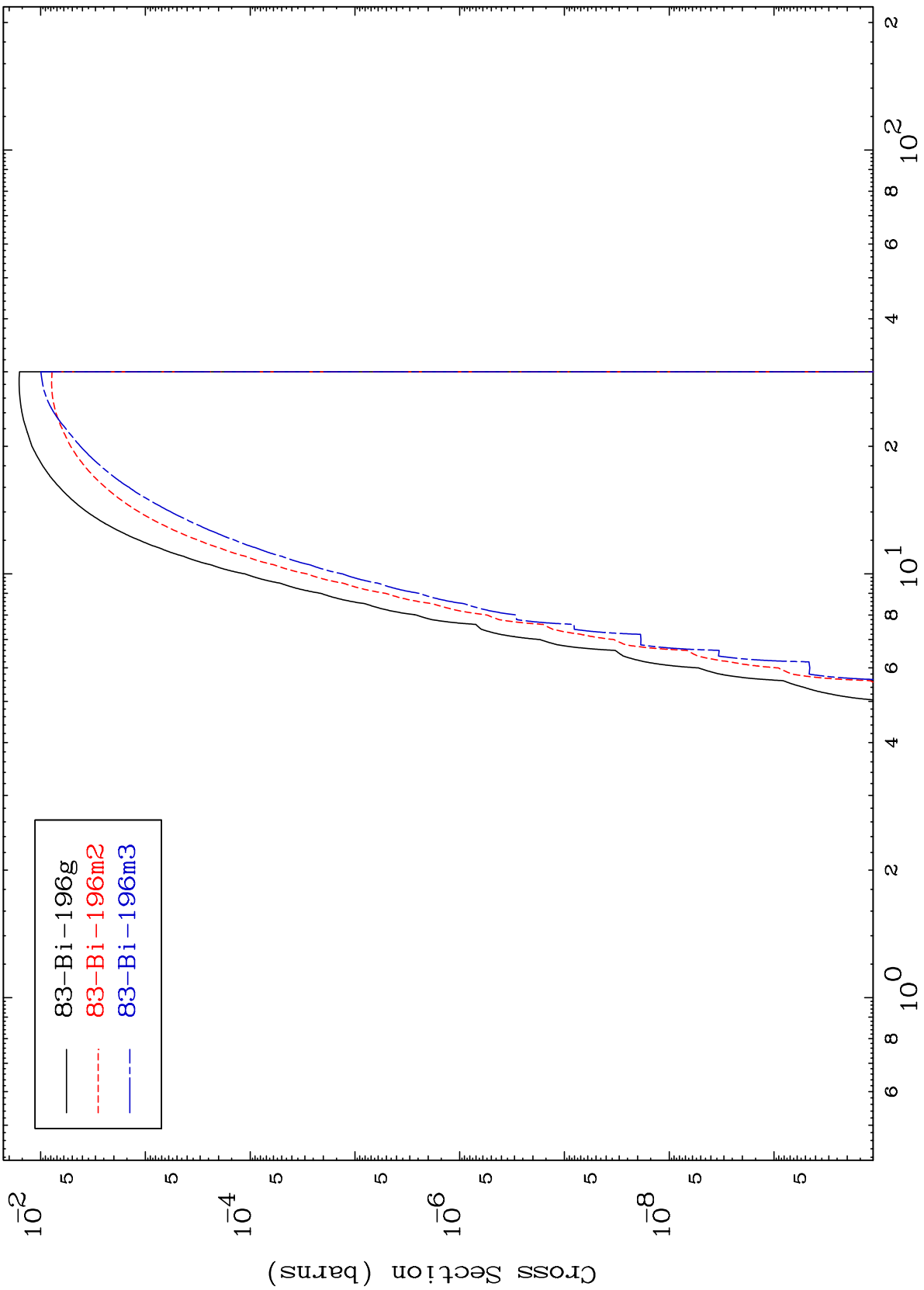


MAT 8398

(n,d)

84-Po-197

Radionuclide Production Cross Section



84

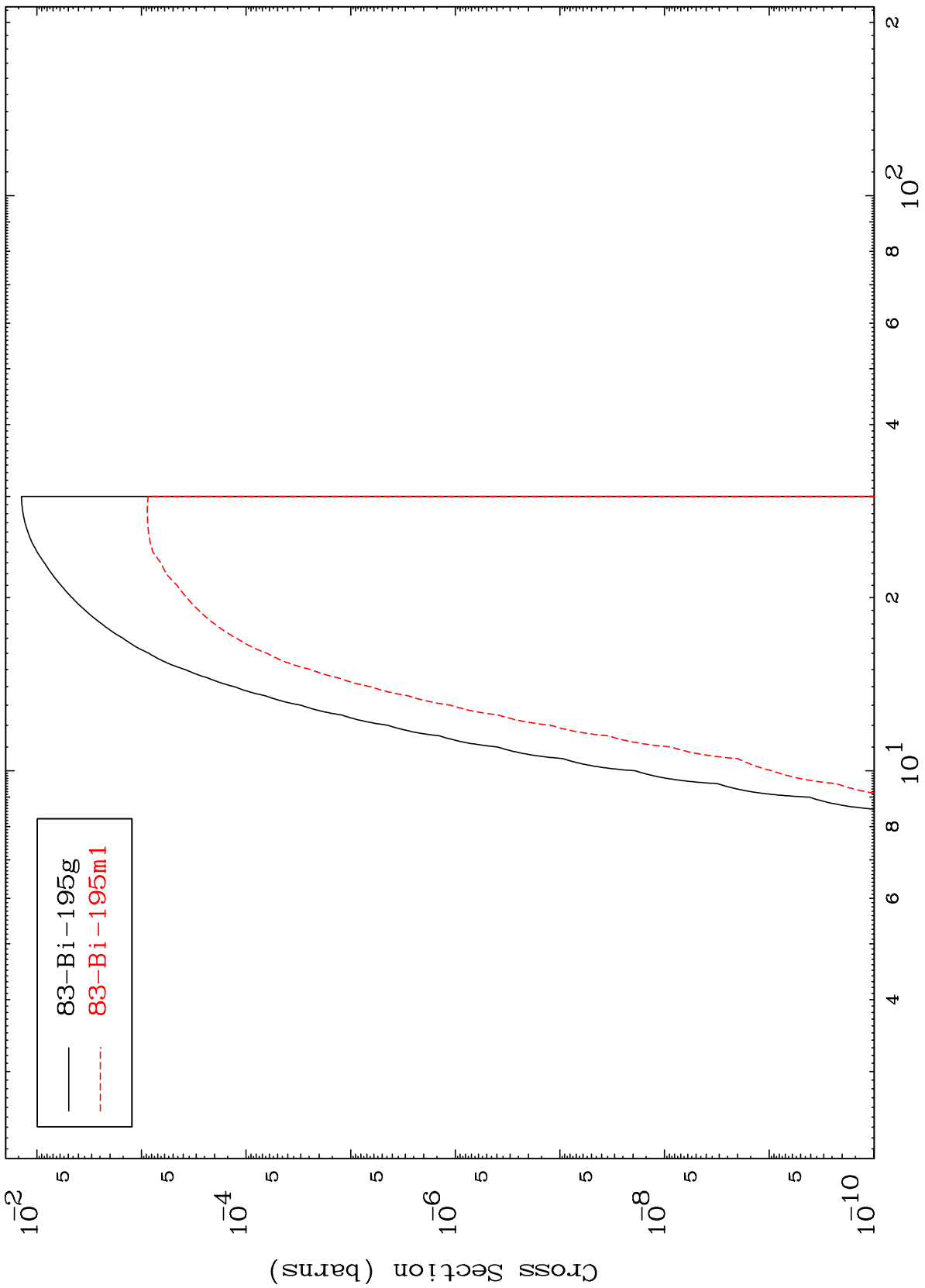
Incident Energy (MeV)

84-Po-197

MAT 8398

84-Po-197

(n, t)  
Radionuclide Production Cross Section



85

84-Po-197

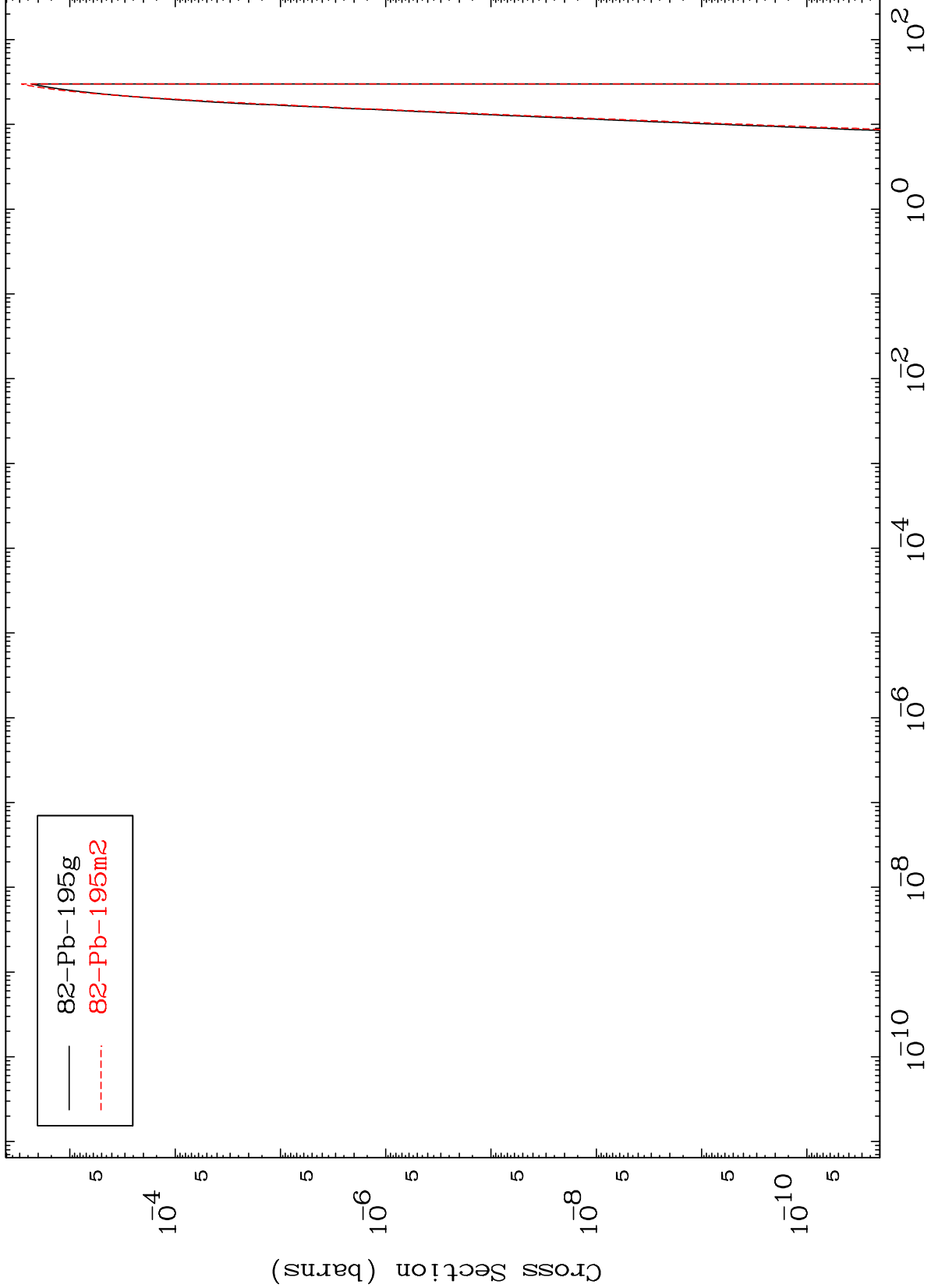
Incident Energy (MeV)

MAT 8398

(n,He-3)

84-Po-197

Radionuclide Production Cross Section



86

Incident Energy (MeV)

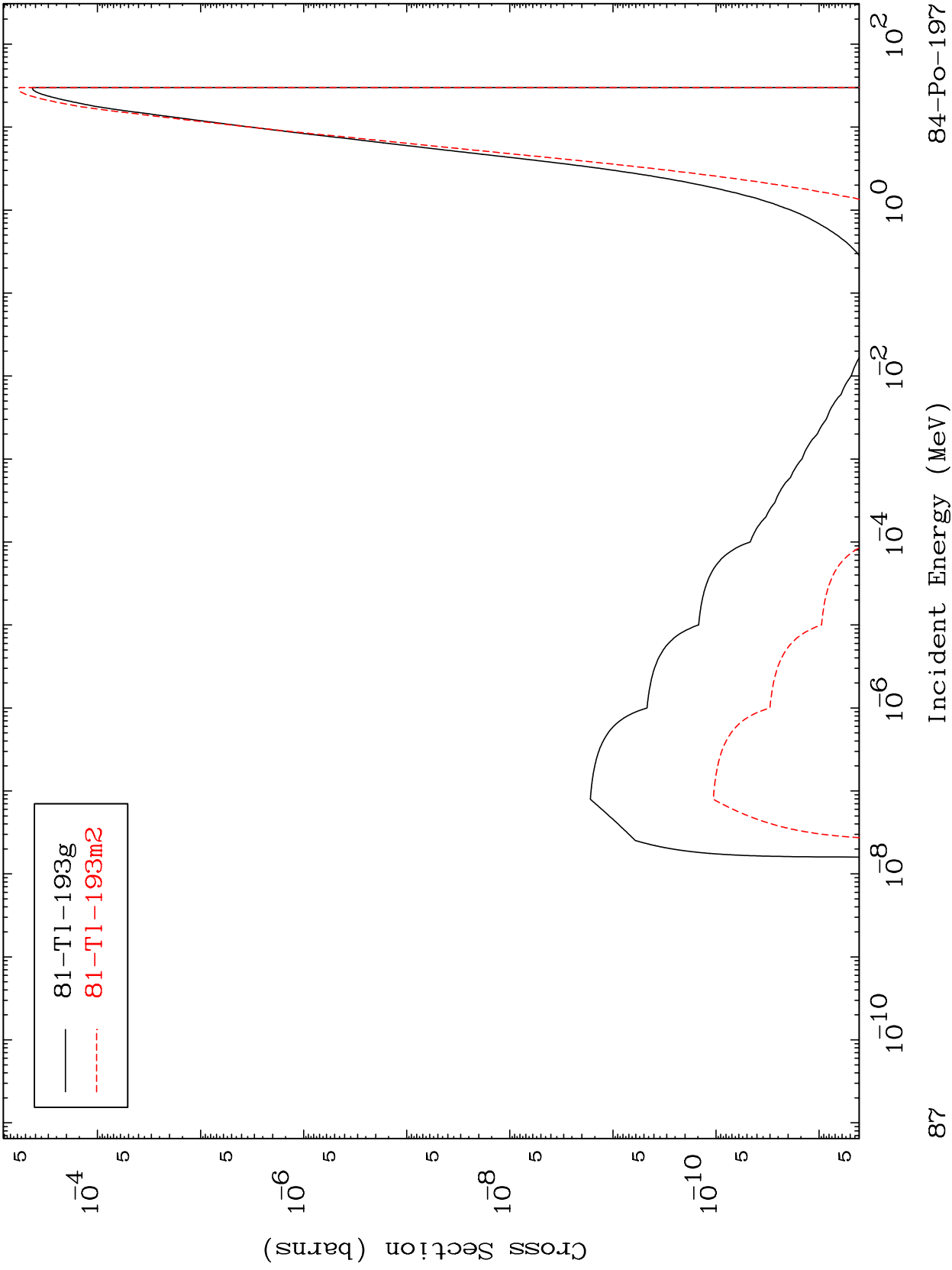
84-Po-197

MAT 8398

(n,p)  $\alpha$

84-Po-197

Radionuclide Production Cross Section



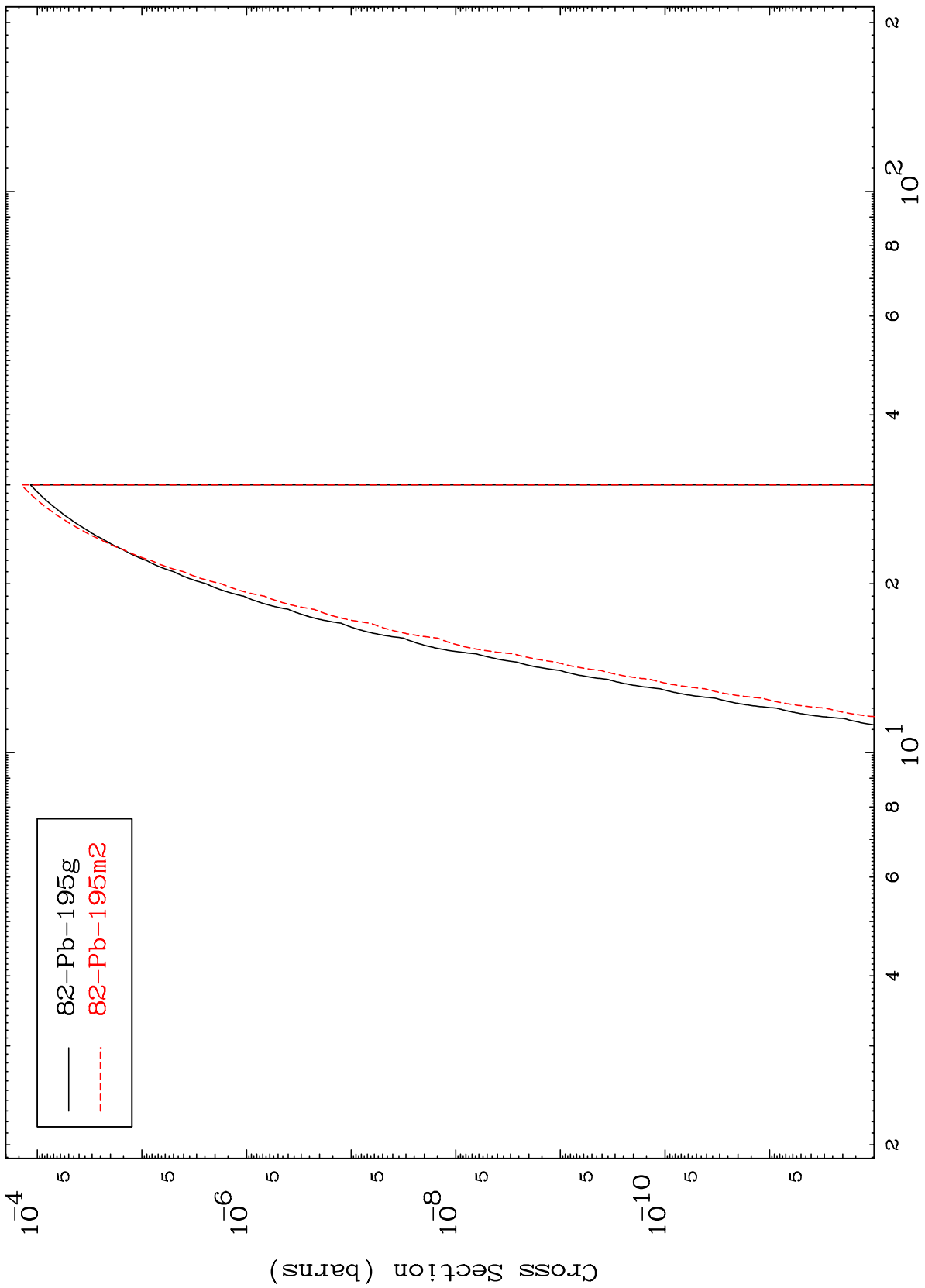


MAT 8398

(n,p) d

84-Po-197

Radionuclide Production Cross Section



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

88

Incident Energy (MeV)

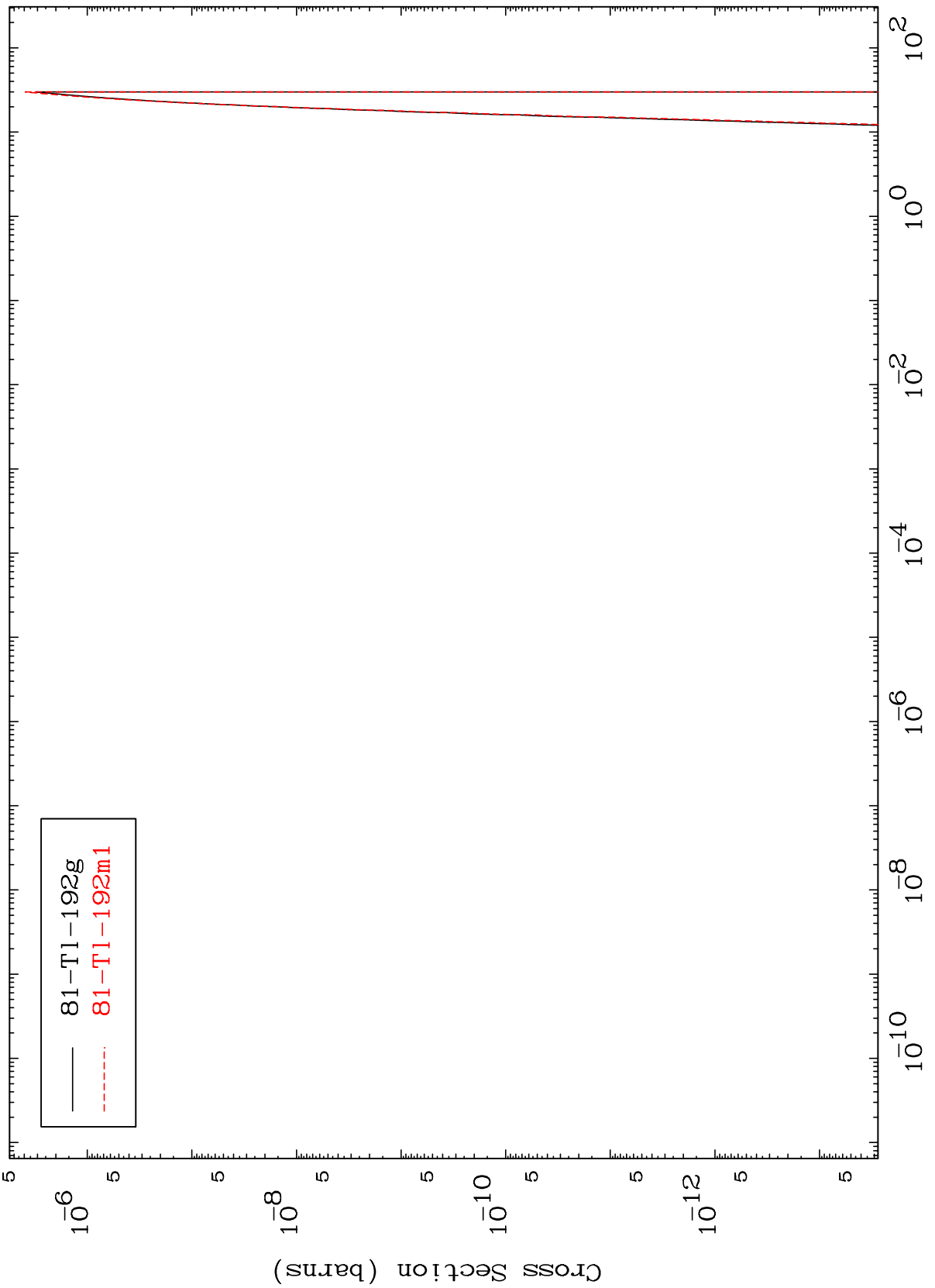
84-Po-197

MAT 8398

(n,d)  $\alpha$

84-Po-197

Radionuclide Production Cross Section



89

Incident Energy (MeV)

84-Po-197