

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

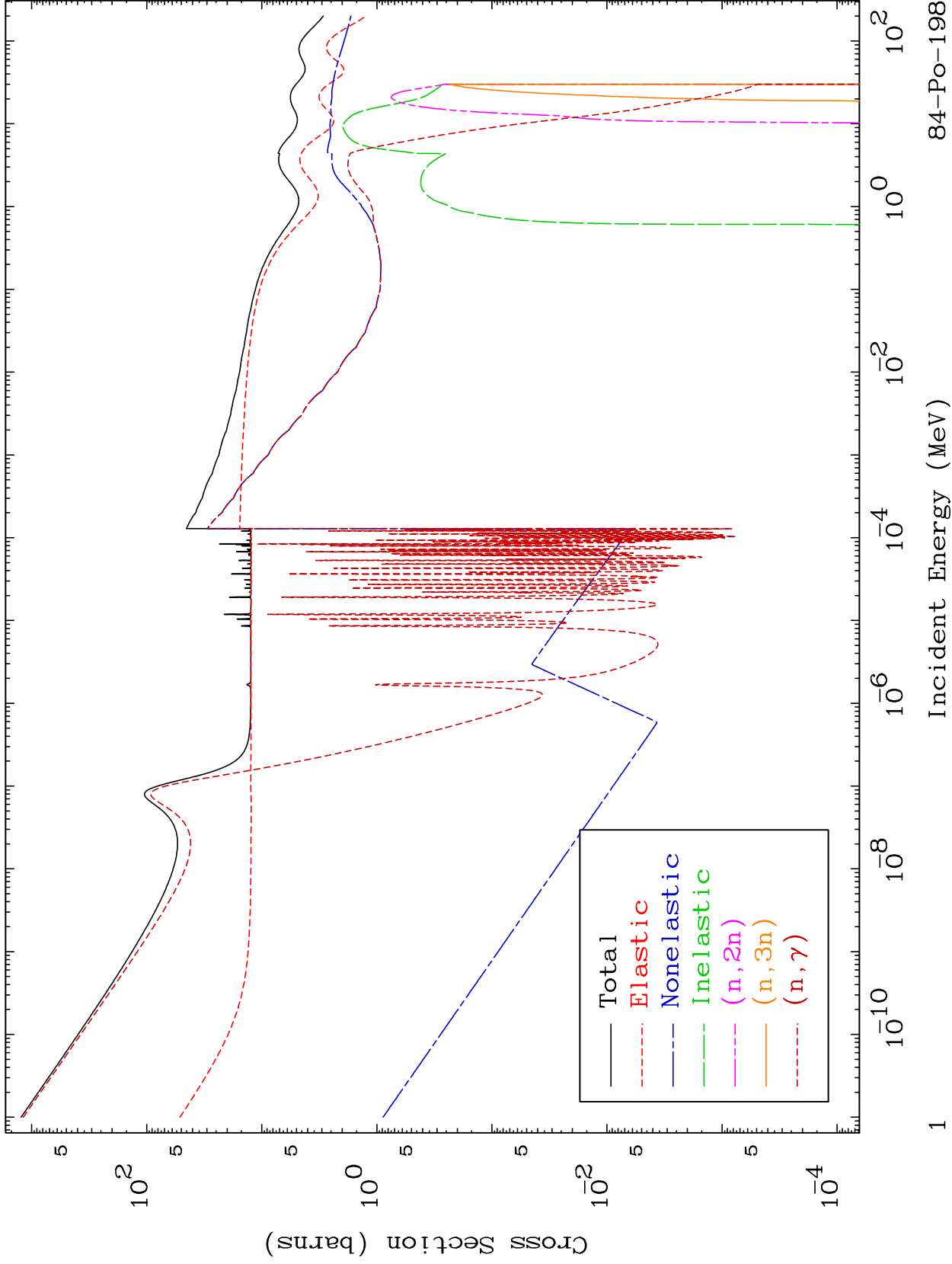
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Press Mouse Button to Start

MAT 8401

Neutron Major  
293 Kelvin Cross Sections

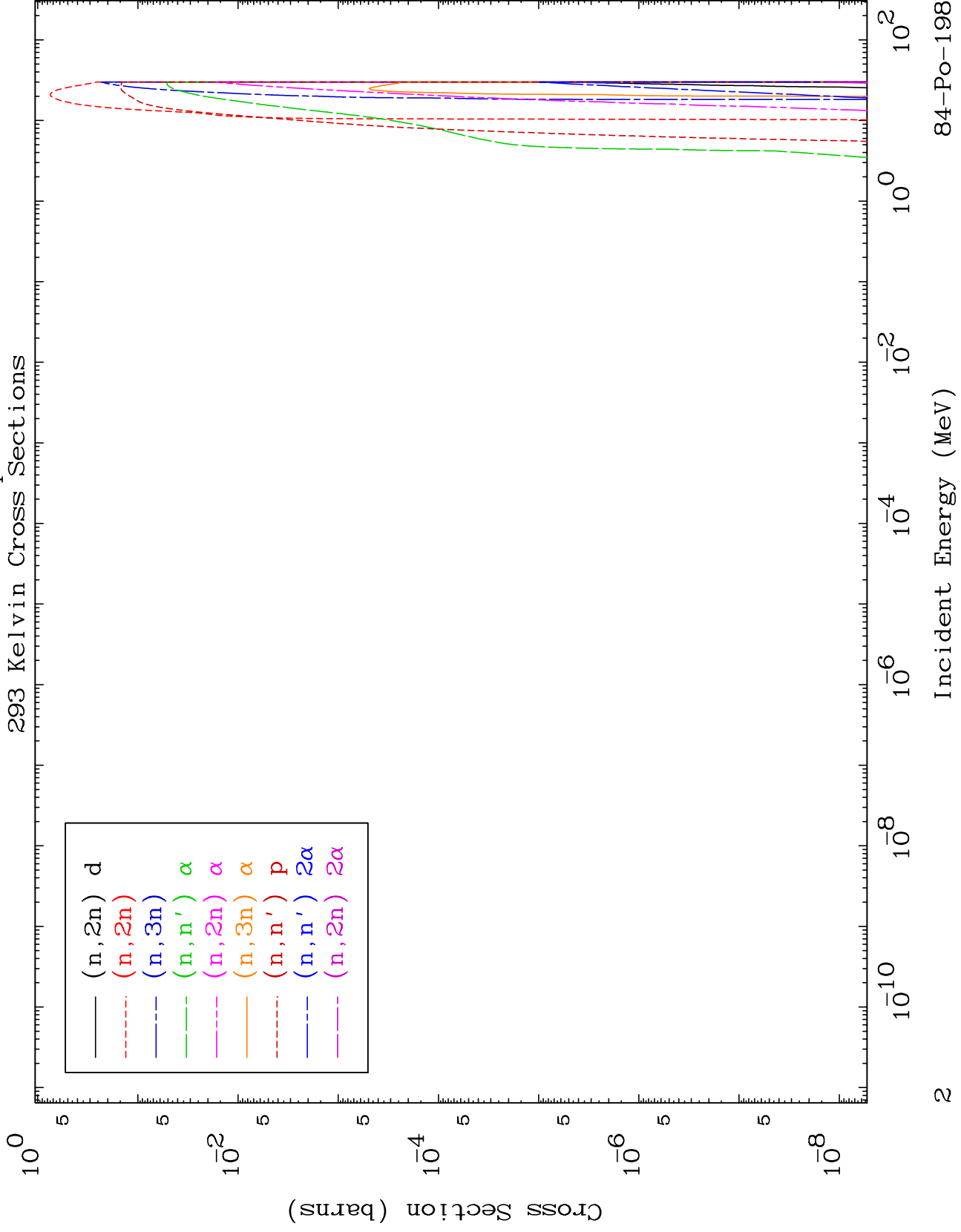
84-Po-198



MAT 8401

Neutron Absorption  
293 Kelvin Cross Sections

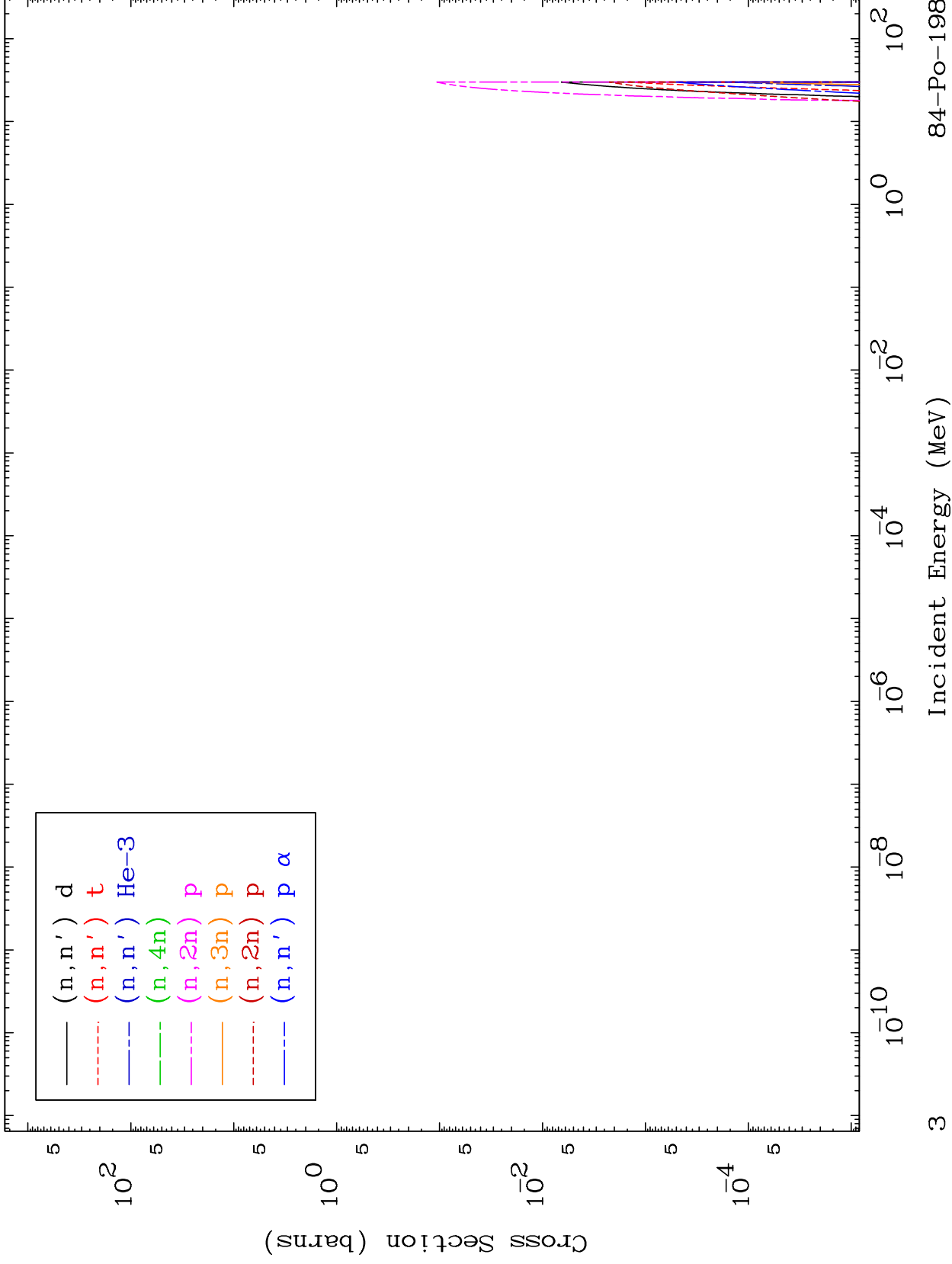
84-Po-198



MAT 8401

Neutron Absorption  
293 Kelvin Cross Sections

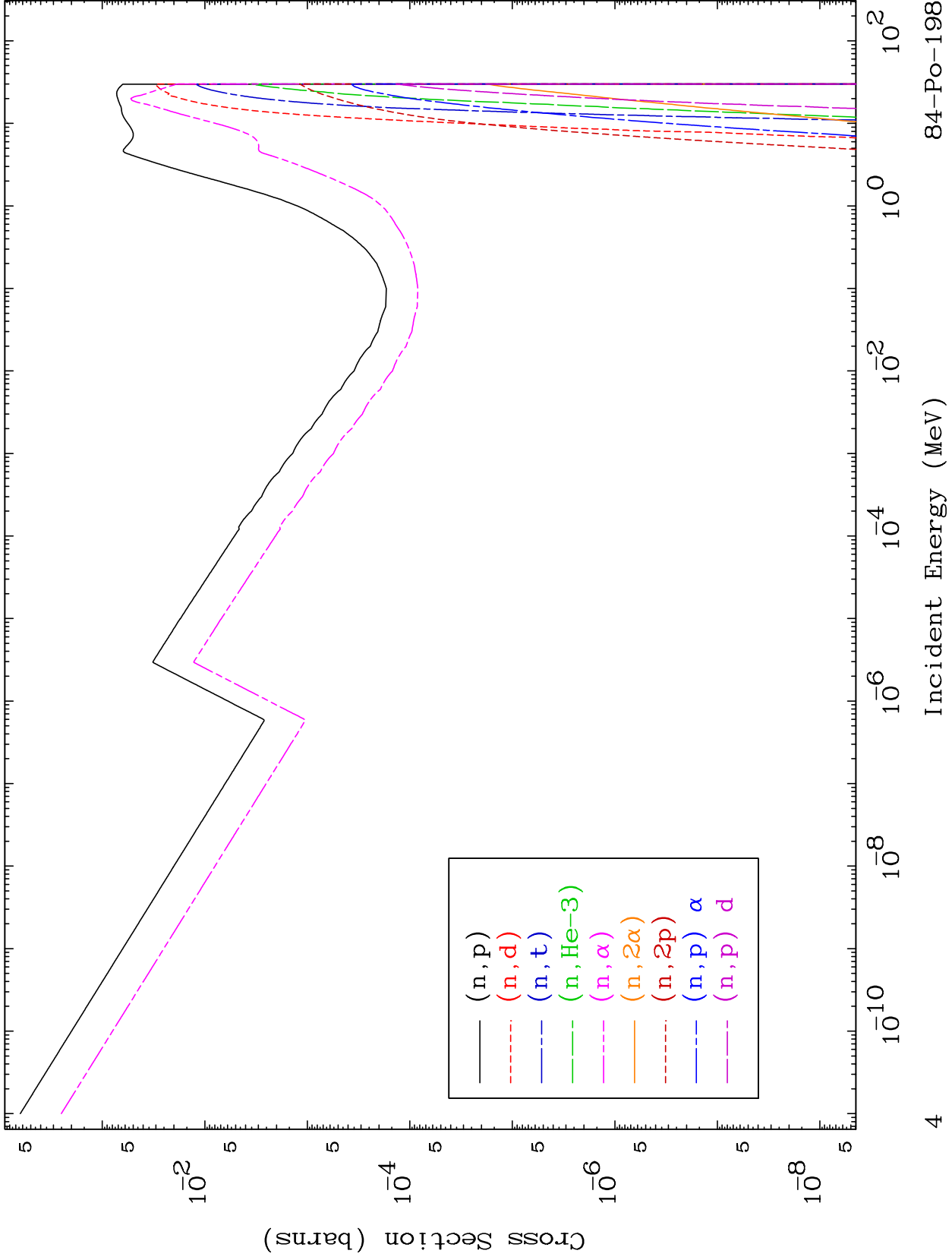
84-Po-198



MAT 8401

Neutron Absorption  
293 Kelvin Cross Sections

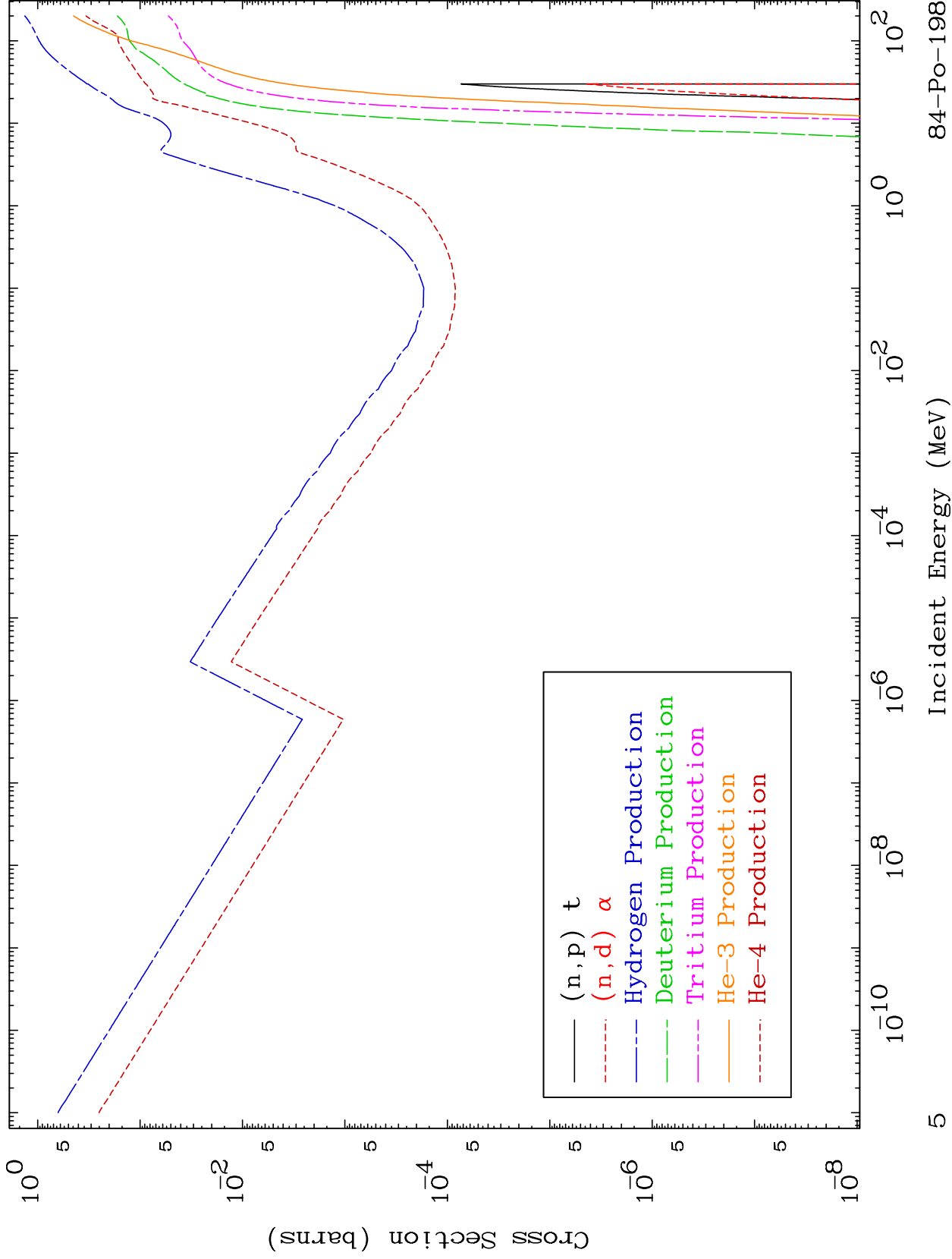
84-Po-198



MAT 8401

Neutron Absorption  
293 Kelvin Cross Sections

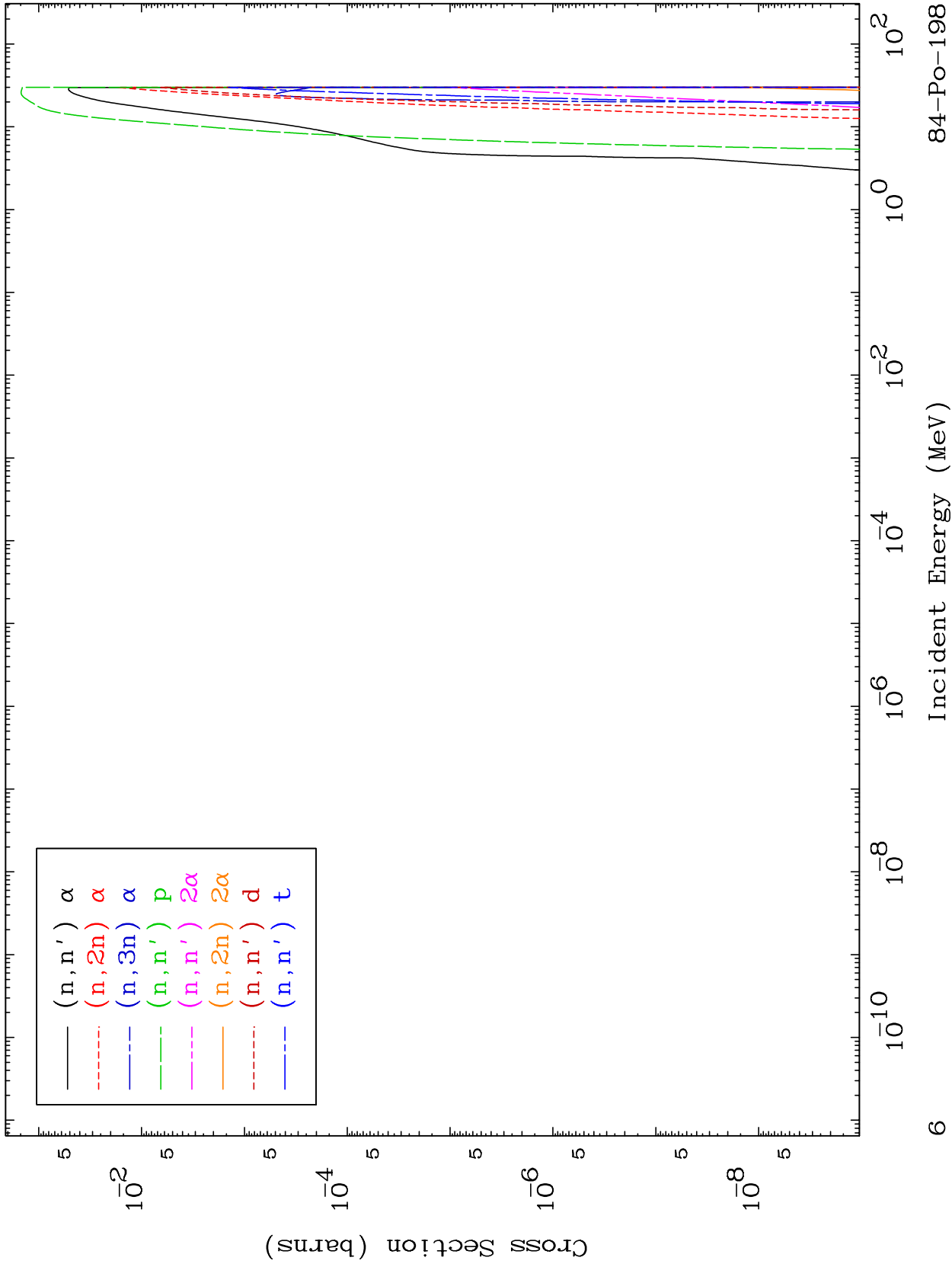
84-Po-198



MAT 8401

Charged Particle  
293 Kelvin Cross Sections

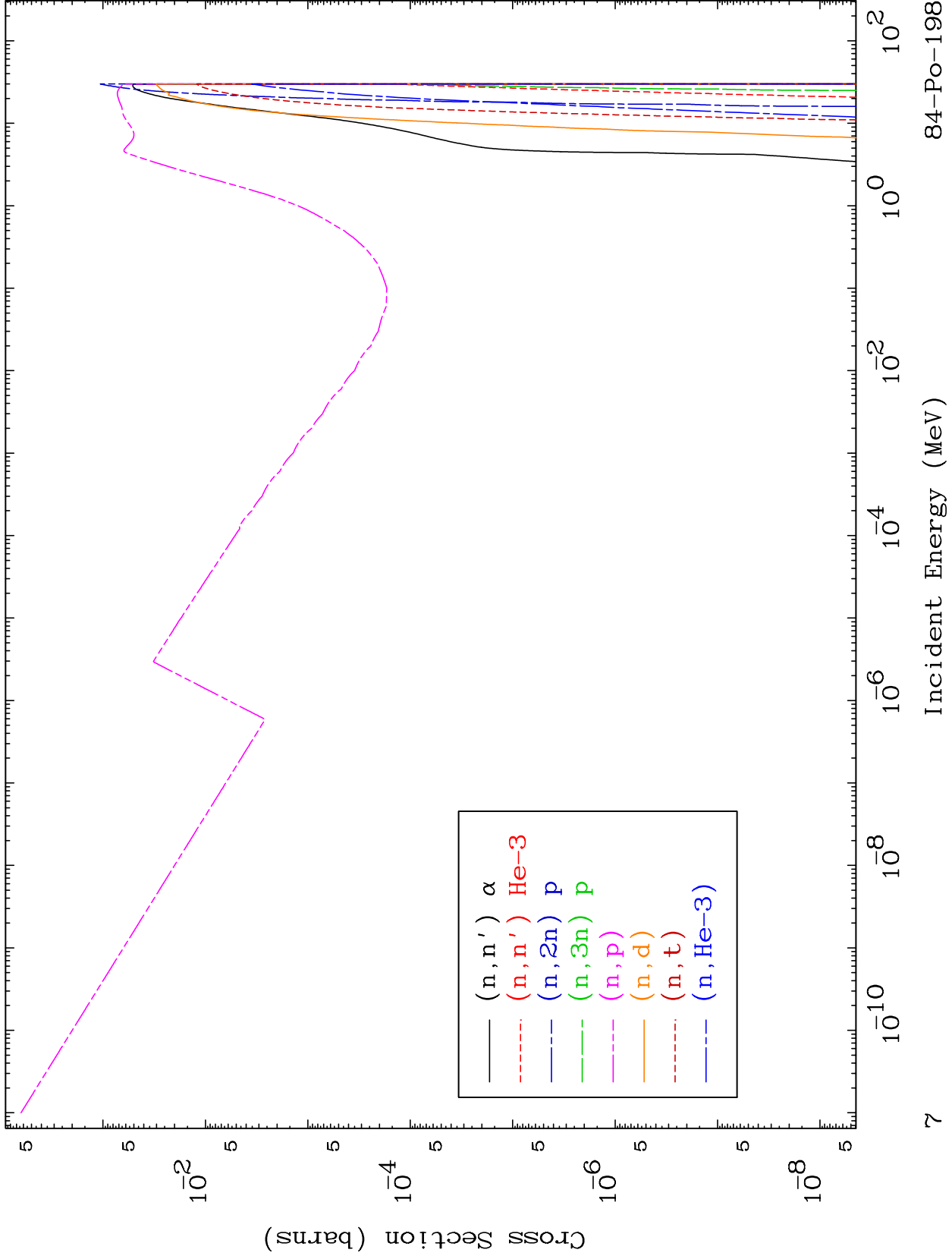
84-Po-198



MAT 8401

Charged Particle  
293 Kelvin Cross Sections

84-Po-198

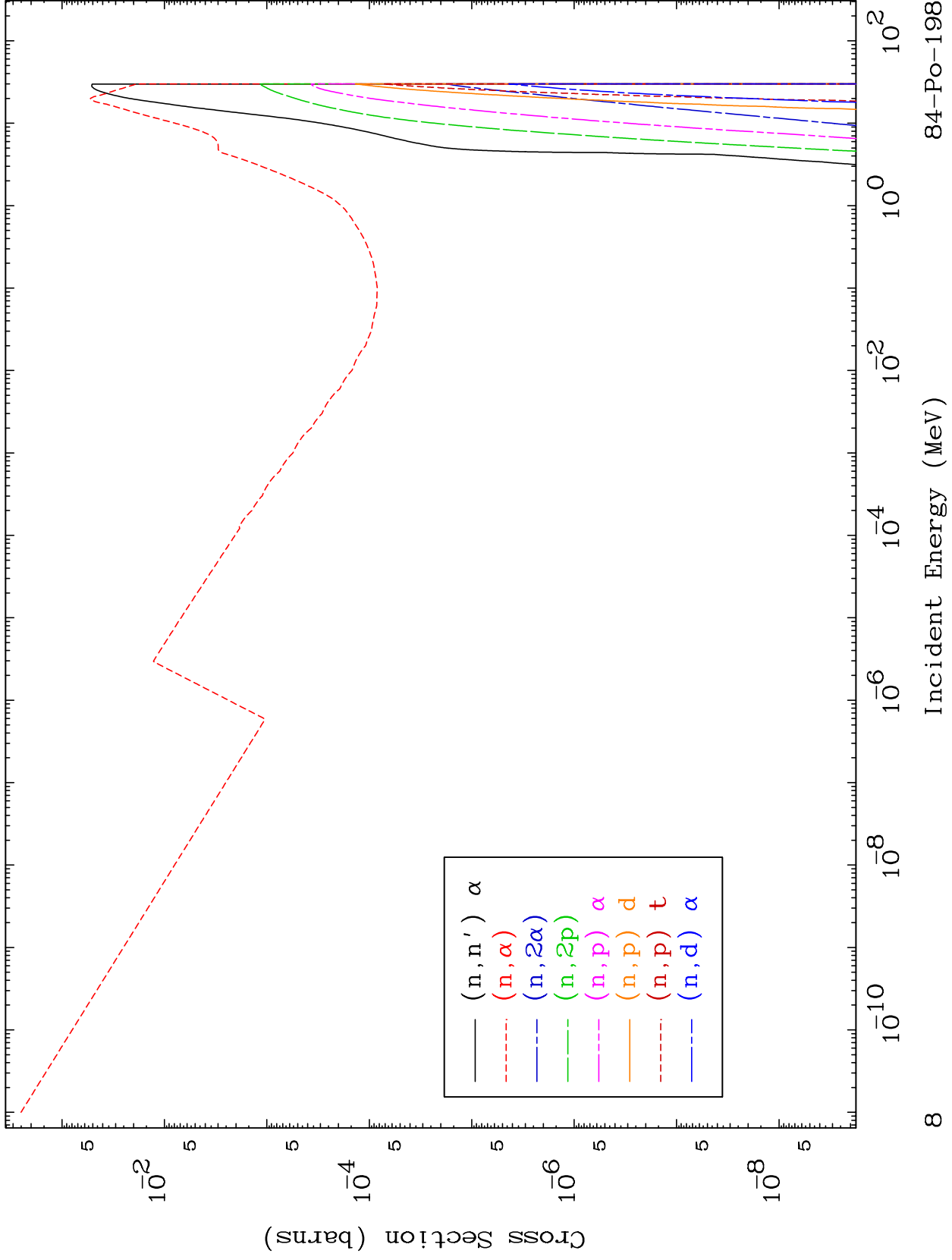




MAT 8401

Charged Particle  
293 Kelvin Cross Sections

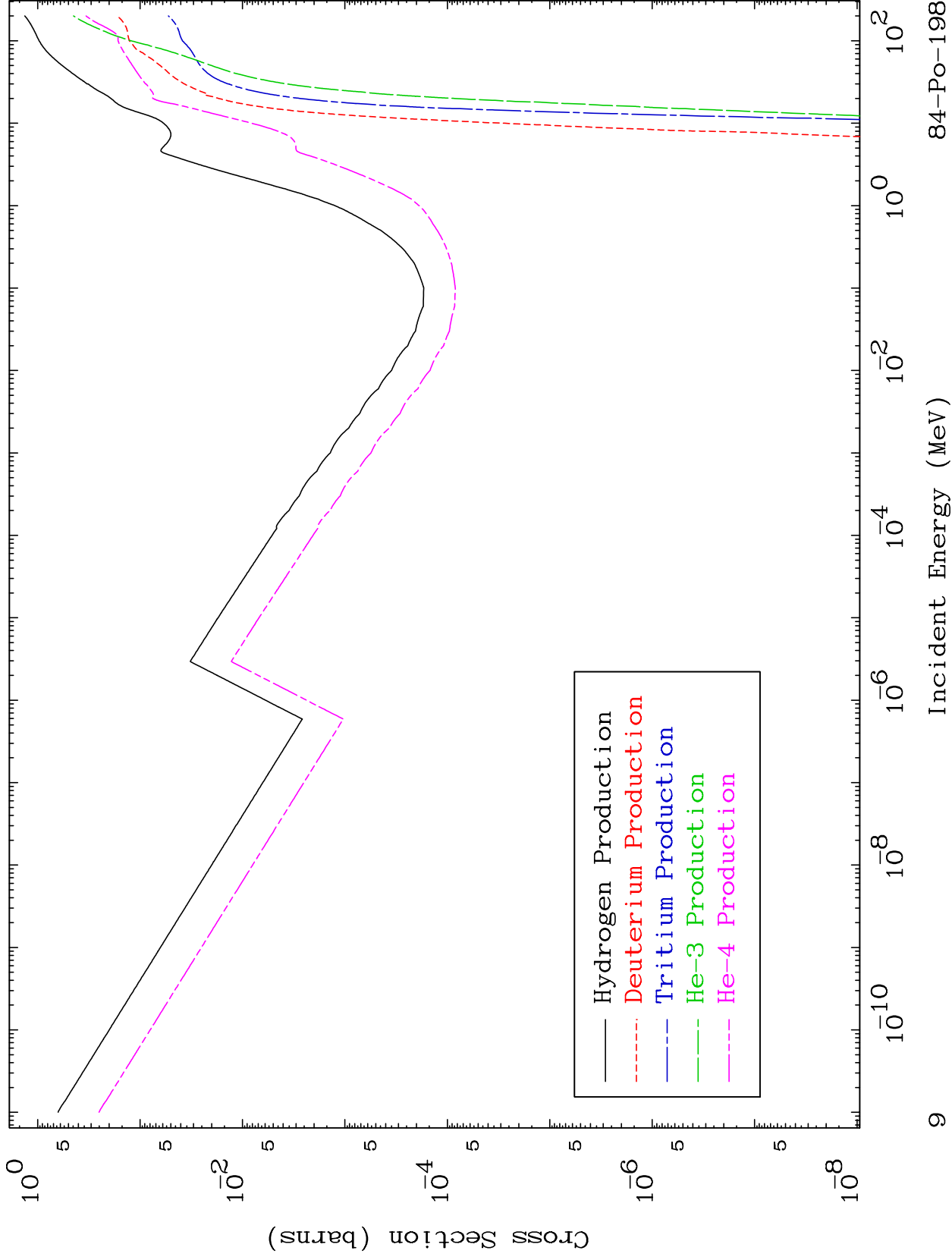
84-Po-198



MAT 8401

Particle Production  
293 Kelvin Cross Sections

84-Po-198

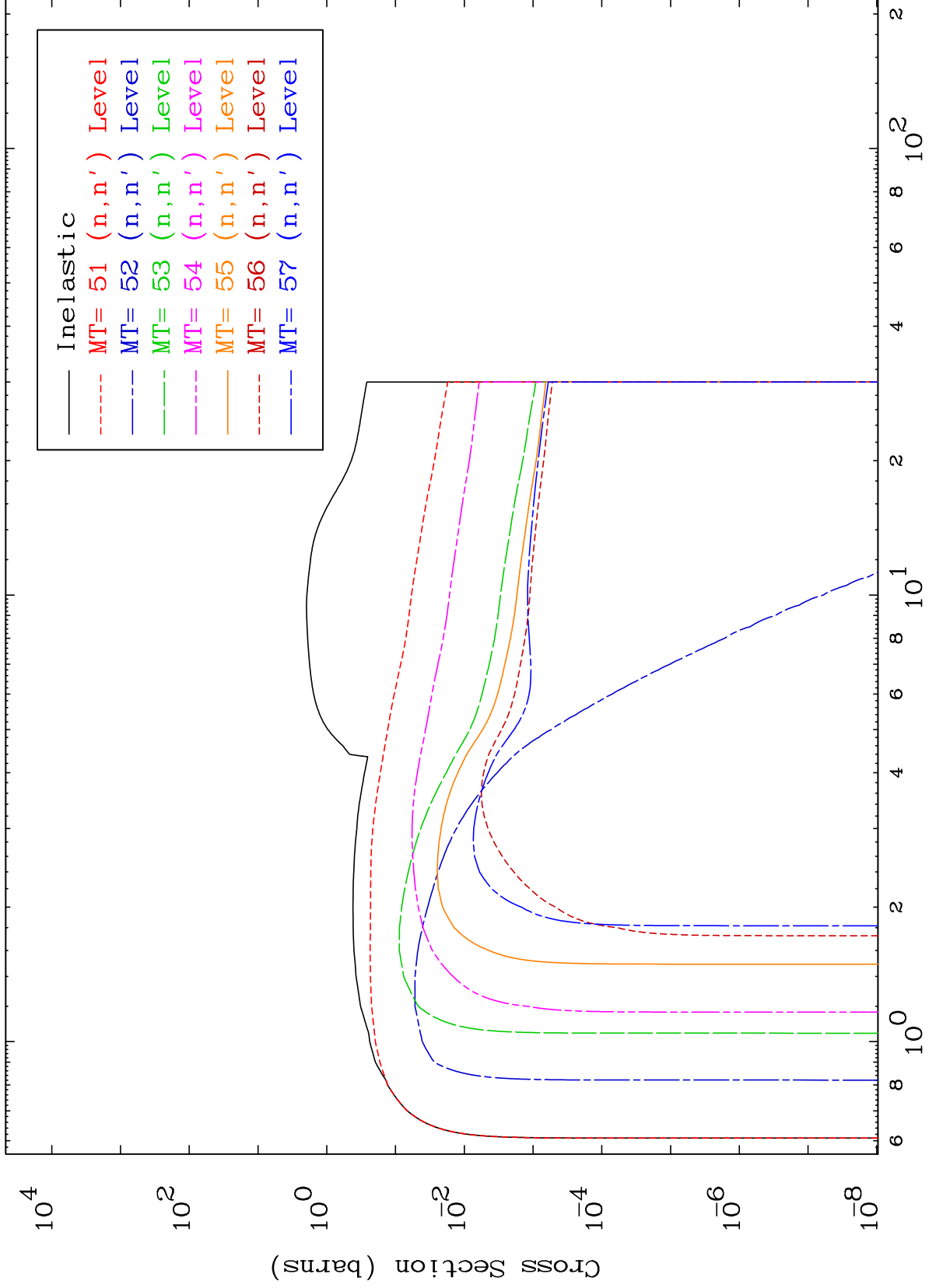


MAT 8401

(n,n') Levels

84-Po-198

293 Kelvin Cross Sections

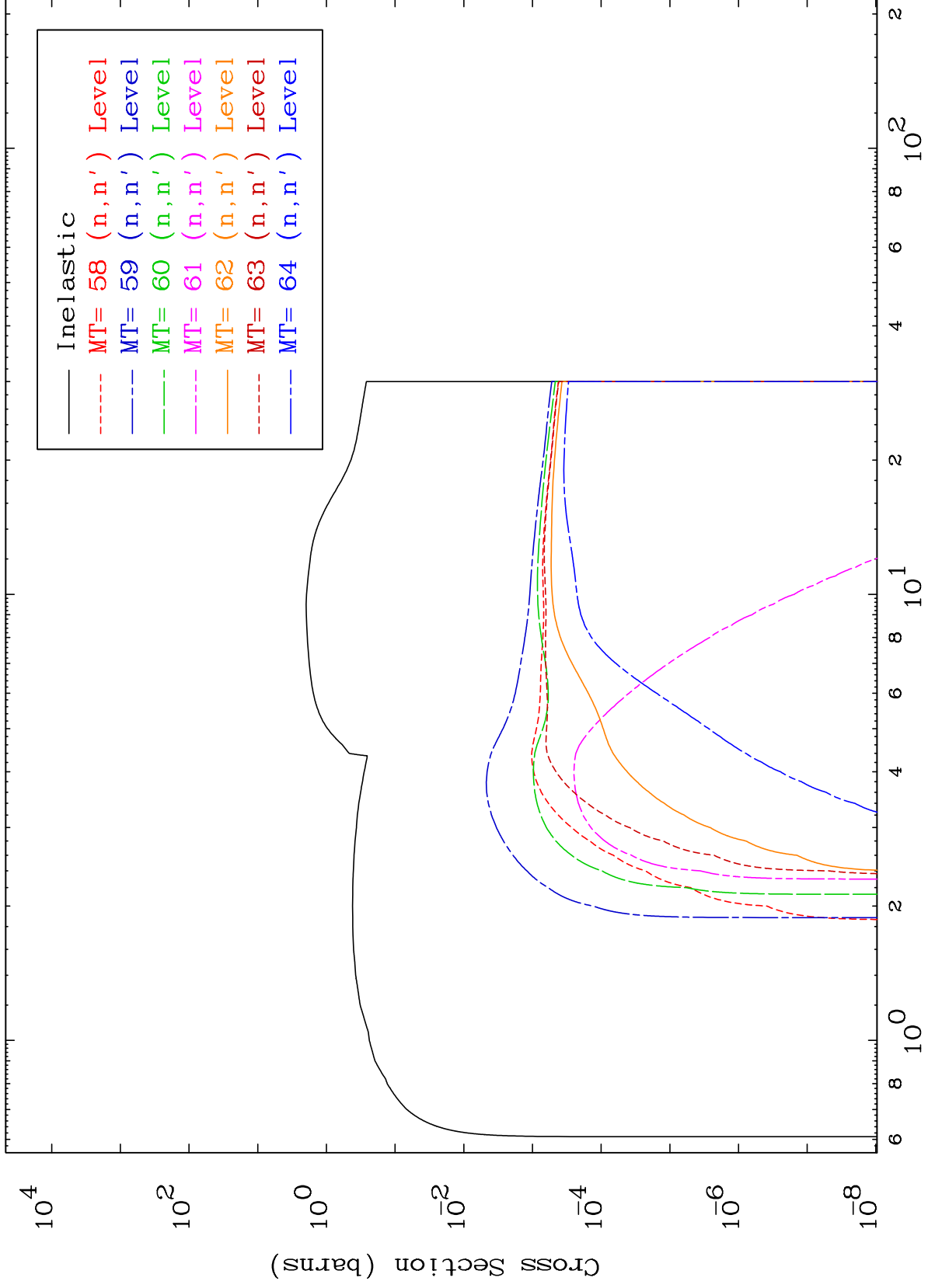


10

Incident Energy (MeV)

84-Po-198

293 Kelvin Cross Sections

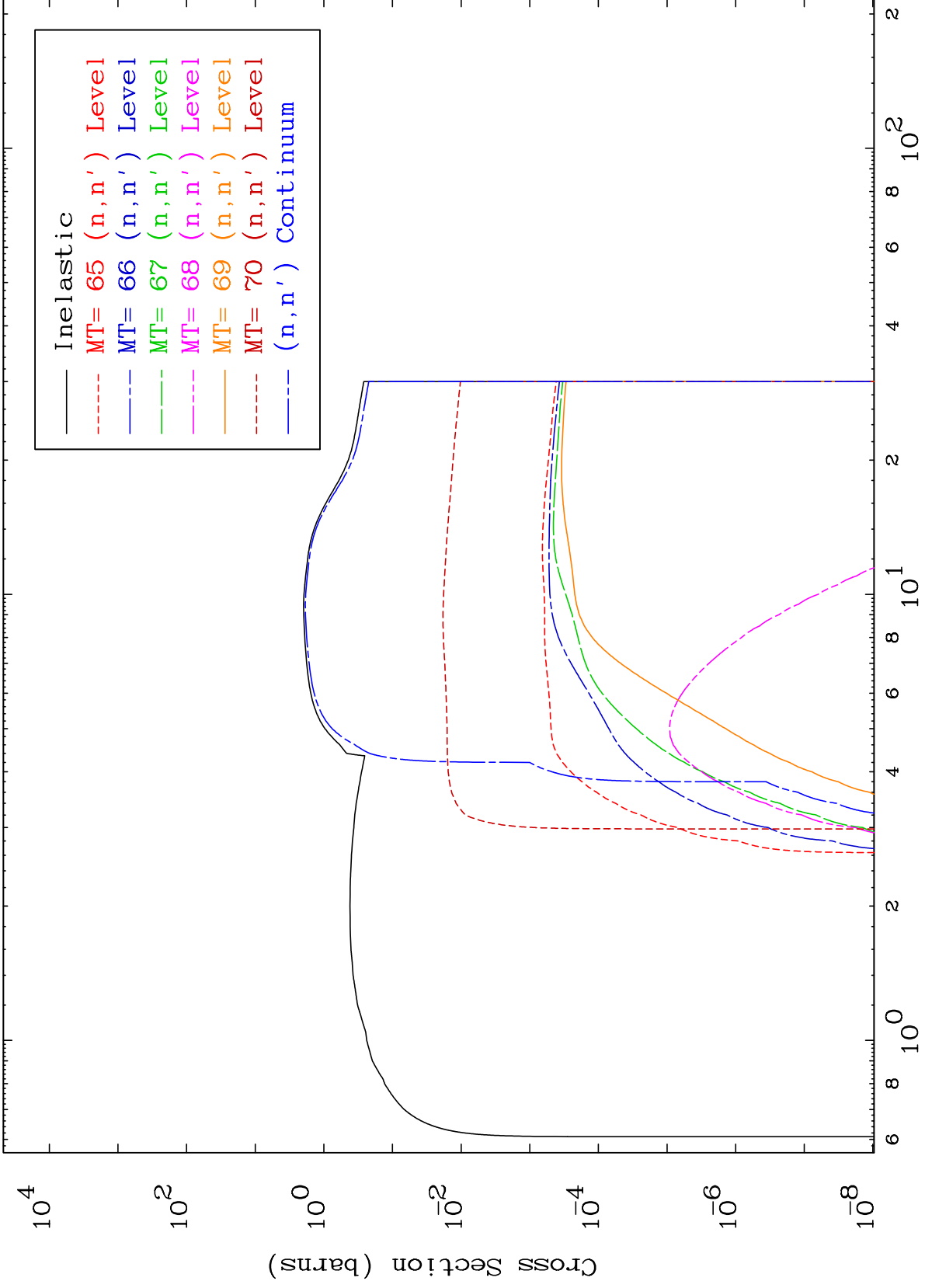


MAT 8401

(n,n') Levels

84-Po-198

293 Kelvin Cross Sections



12

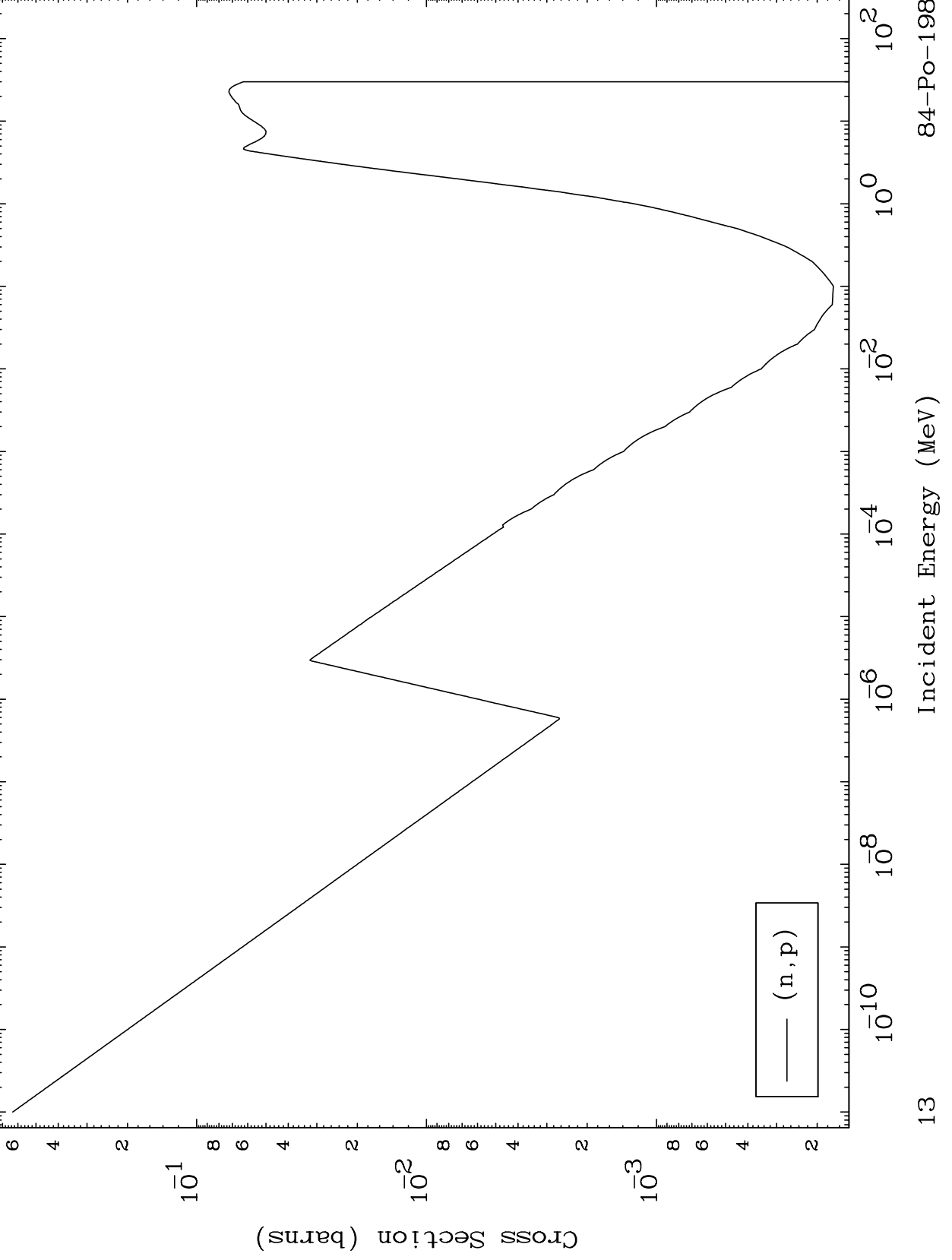
Incident Energy (MeV)

84-Po-198

MAT 8401

(n,p) Levels  
293 Kelvin Cross Sections

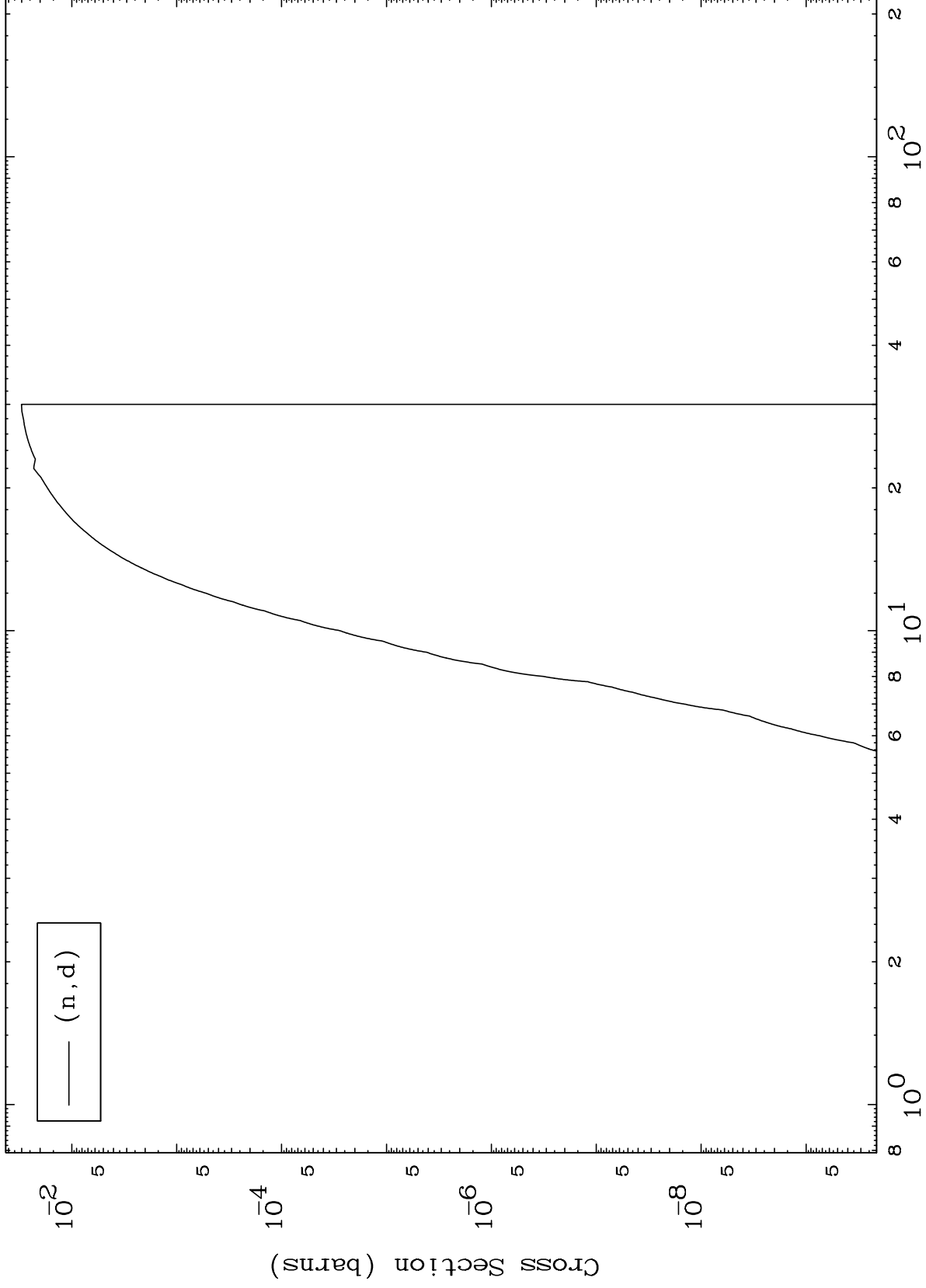
84-Po-198



MAT 8401

(n,d) Levels  
293 Kelvin Cross Sections

84-Po-198



14

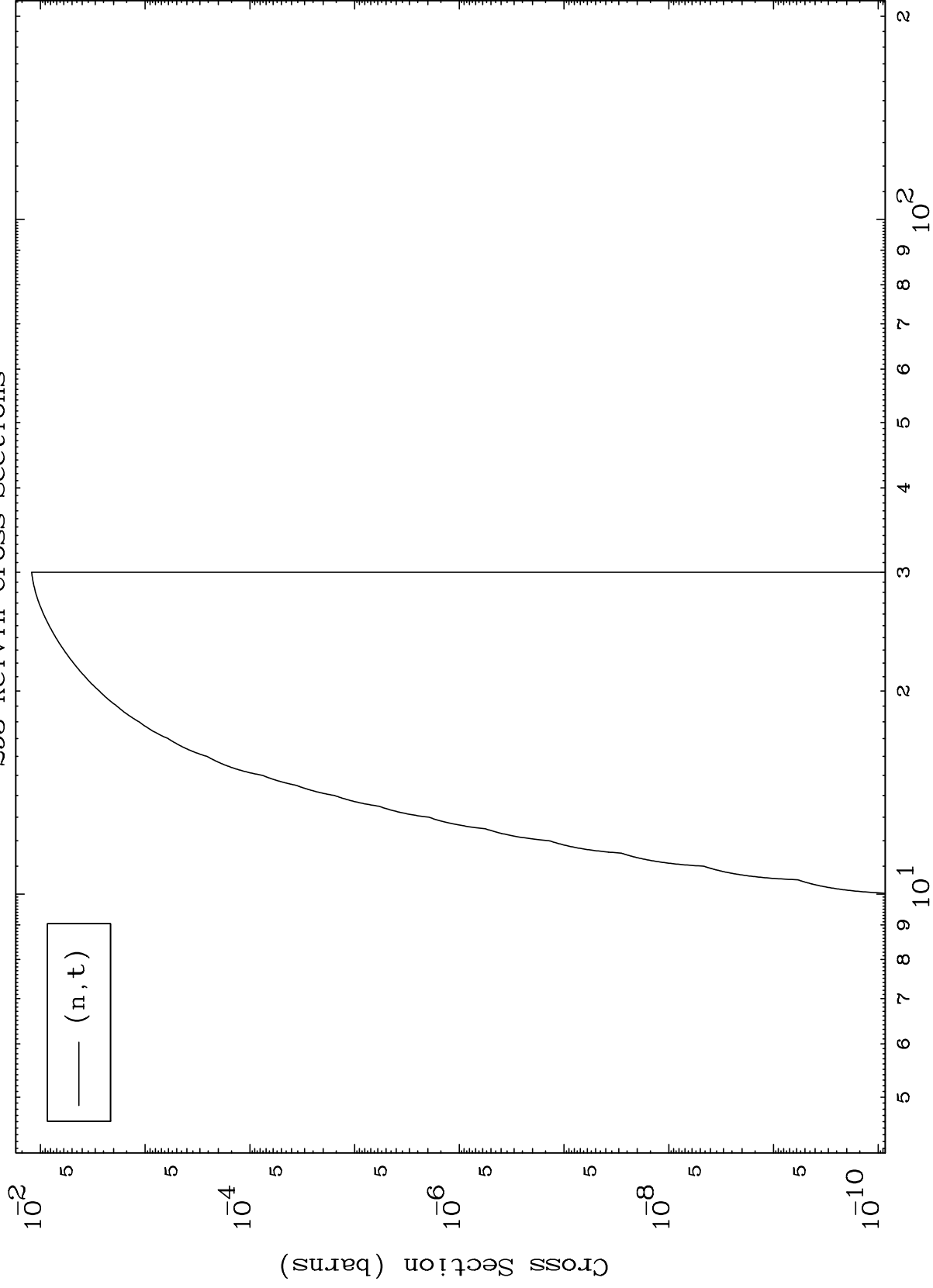
Incident Energy (MeV)

84-Po-198

MAT 8401

(n,t) Levels  
293 Kelvin Cross Sections

84-Po-198



15

Incident Energy (MeV)

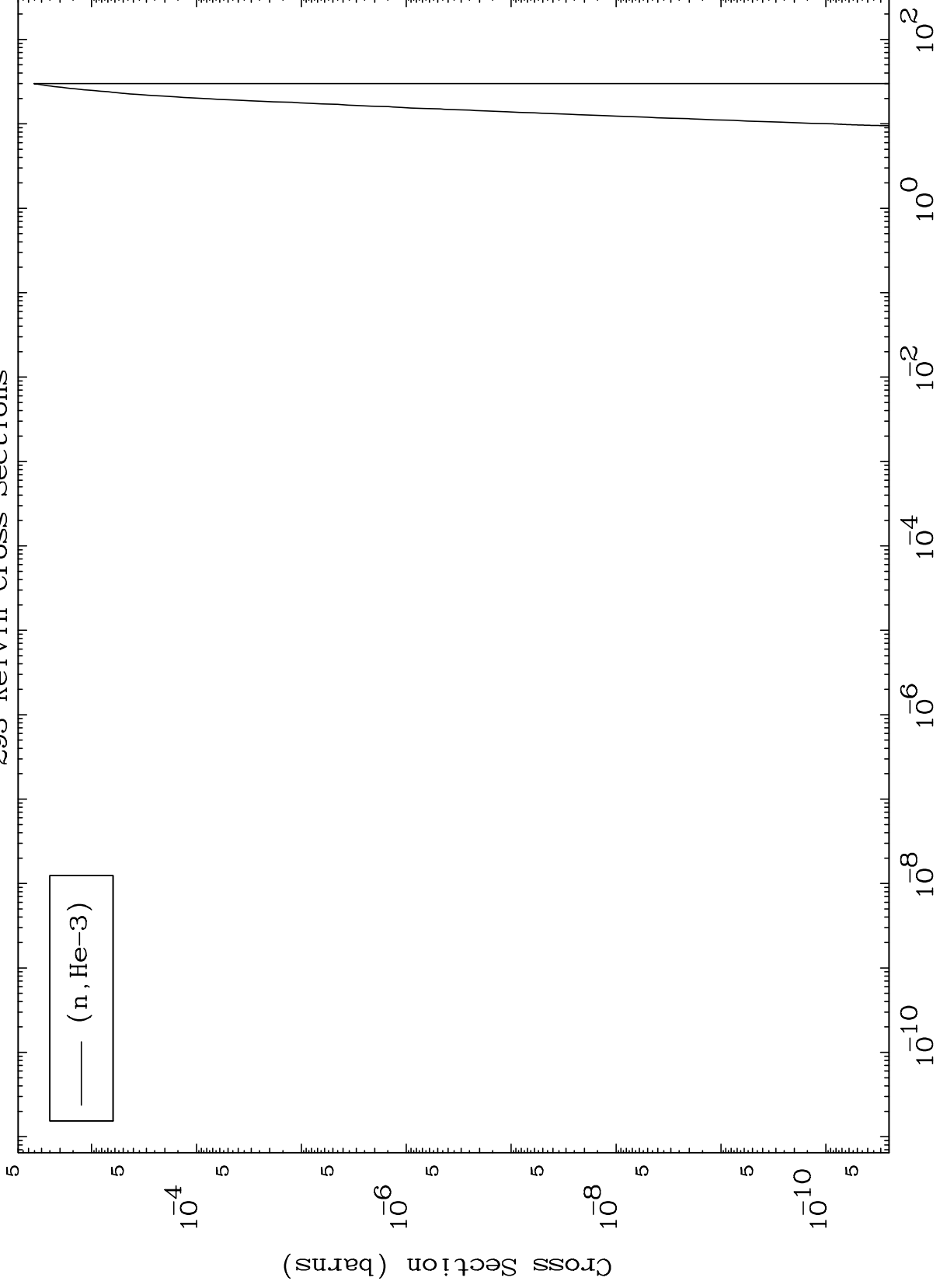
84-Po-198



MAT 8401

(n,He3) Levels  
293 Kelvin Cross Sections

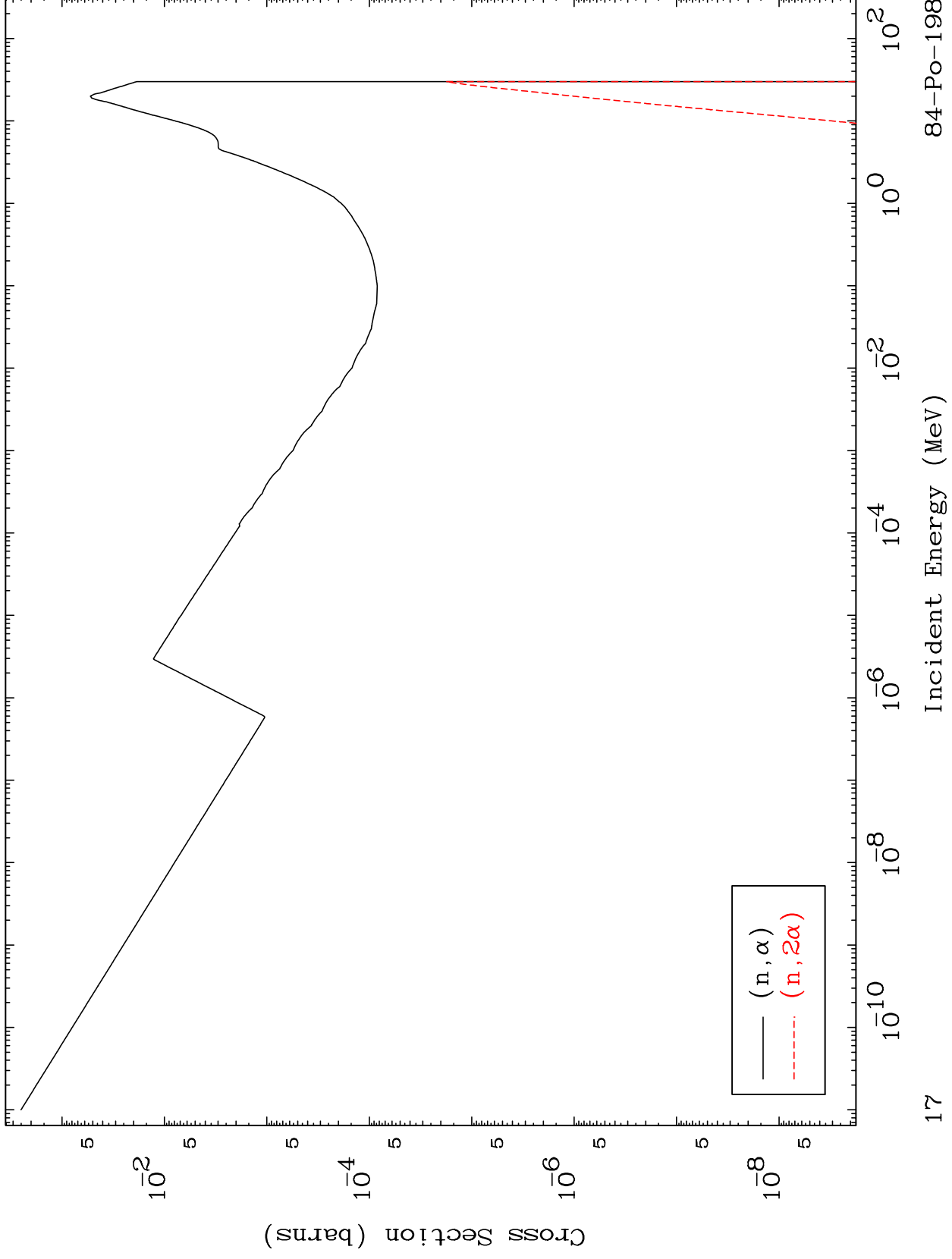
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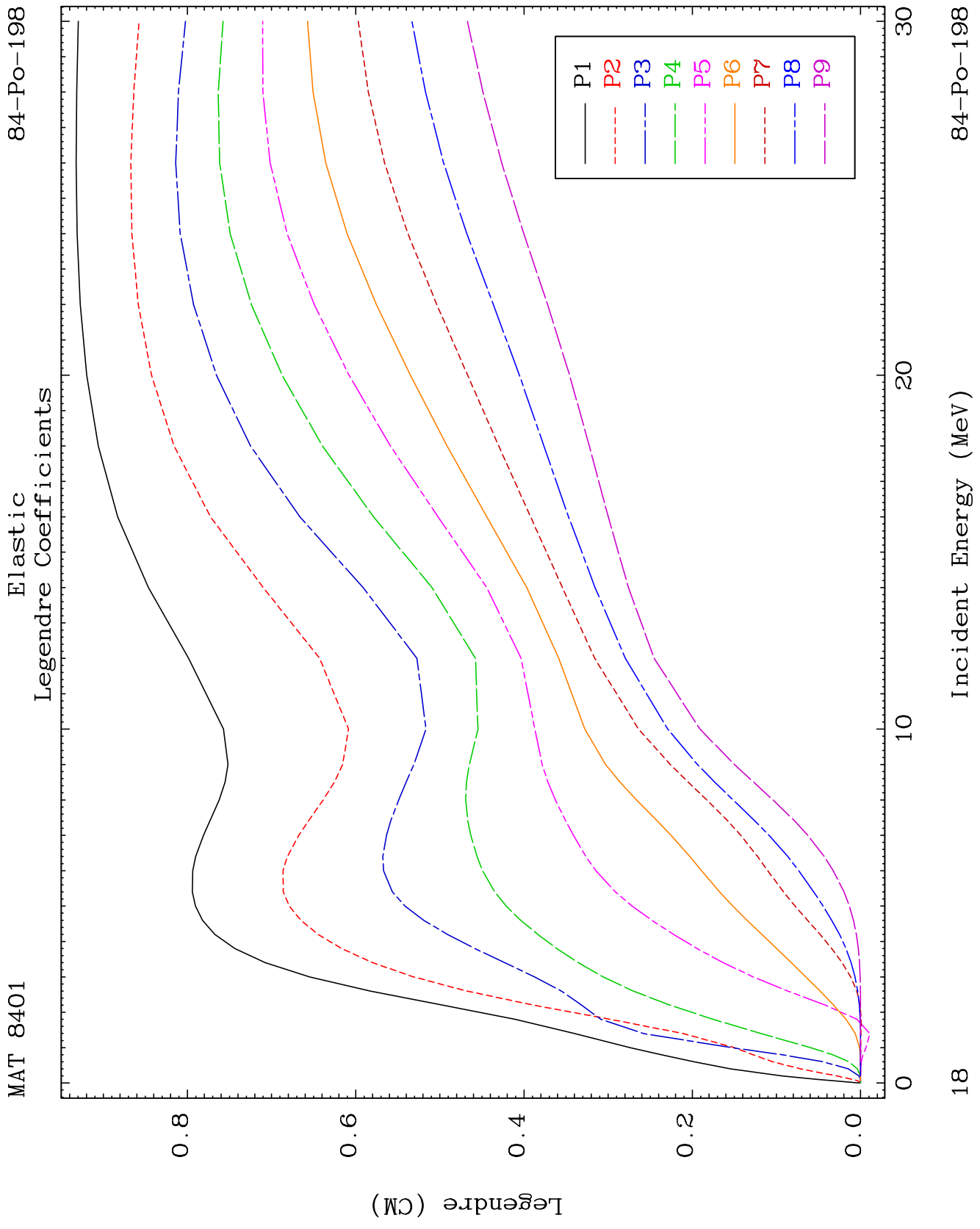


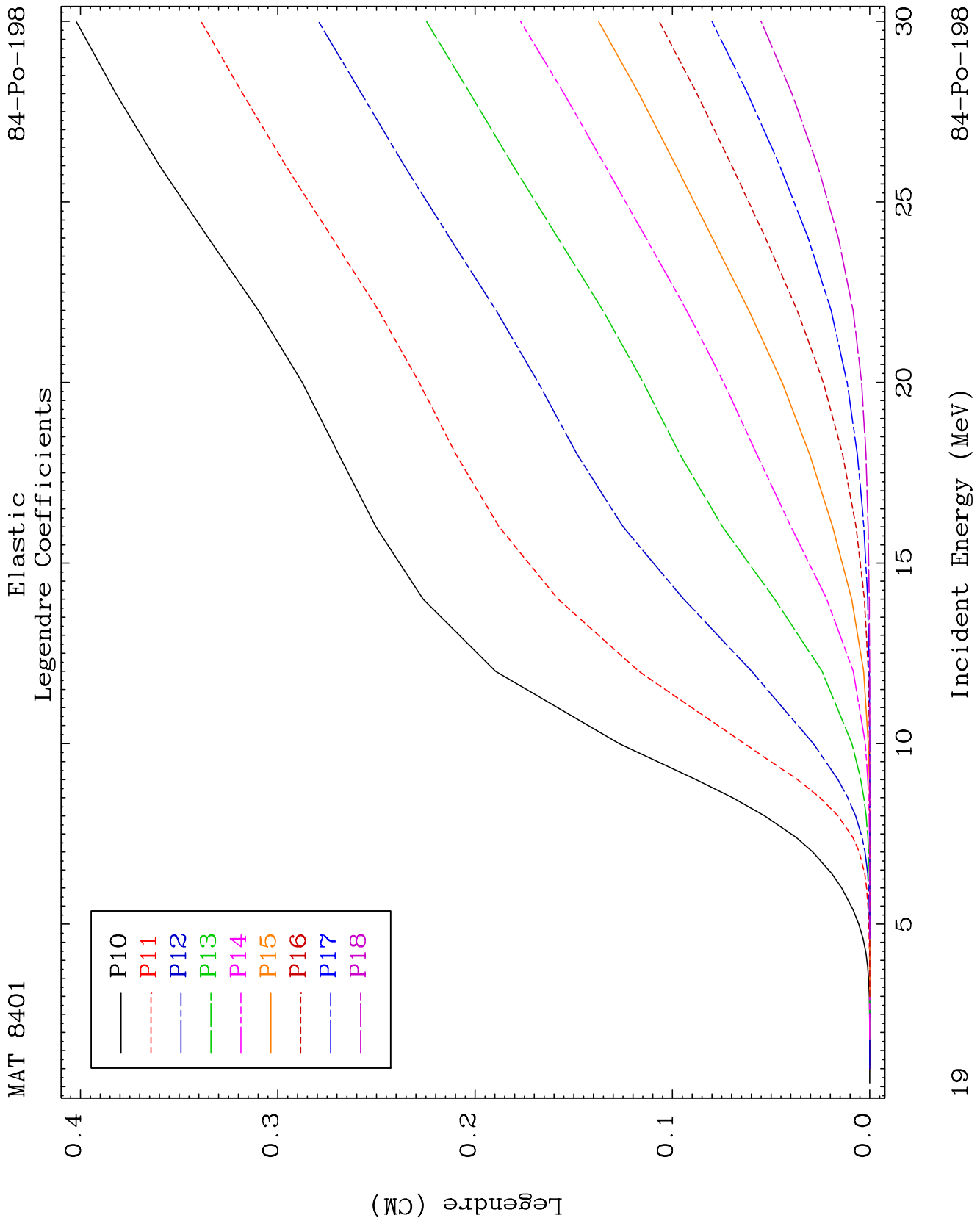
MAT 8401

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

84-Po-198



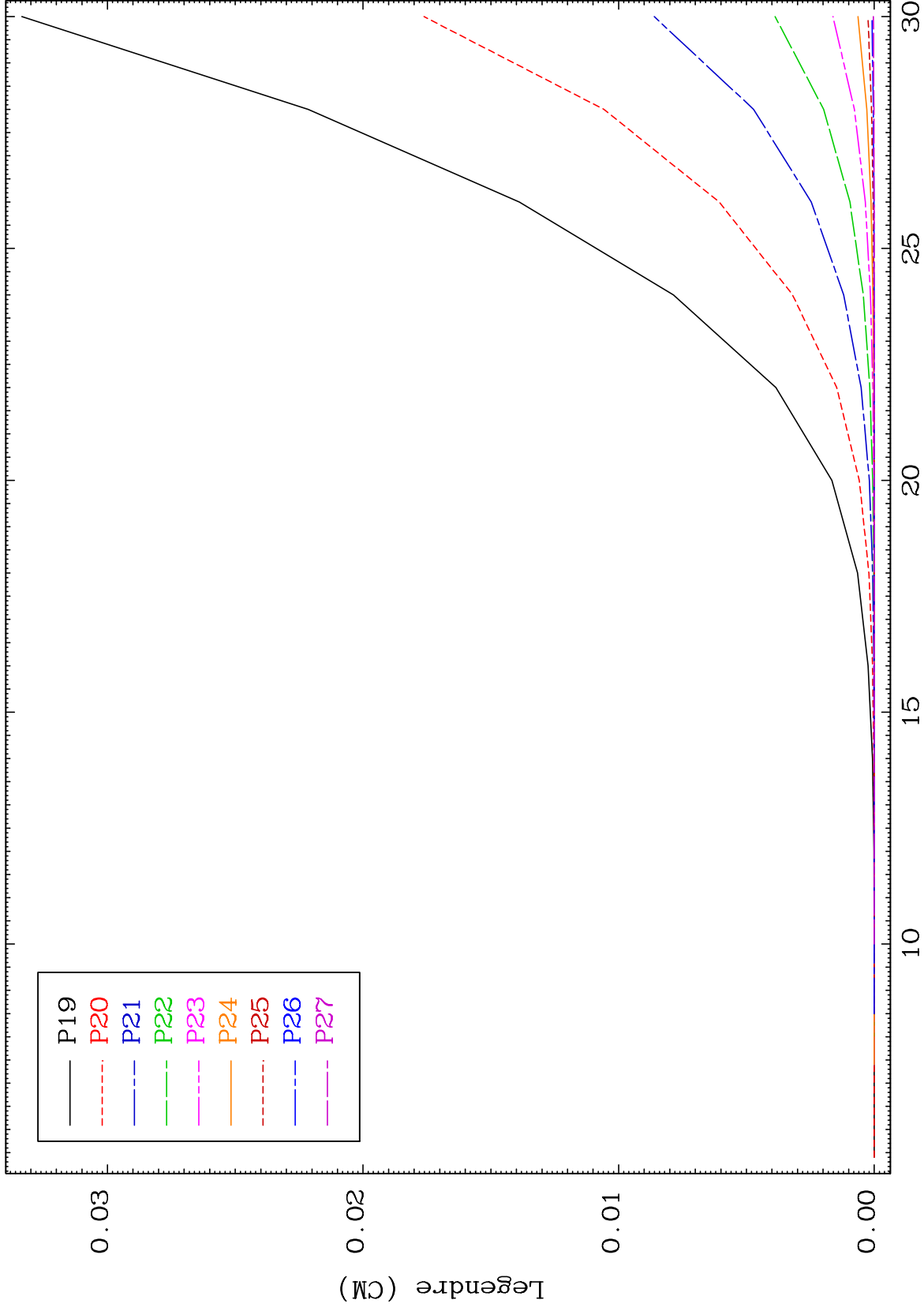




MAT 8401

Elastic  
Legendre Coefficients

84-Po-198



20

Incident Energy (MeV)

84-Po-198

10

15

20

25

30

Legendre (CM)

0.03

0.02

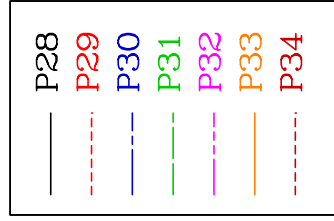
0.01

0.00

MAT 8401

Elastic  
Legendre Coefficients

84-Po-198



$\times 10^{-5}$

1.0

0.8

Legendre (CM)

0.6

0.4

0.2

0.0

15

20

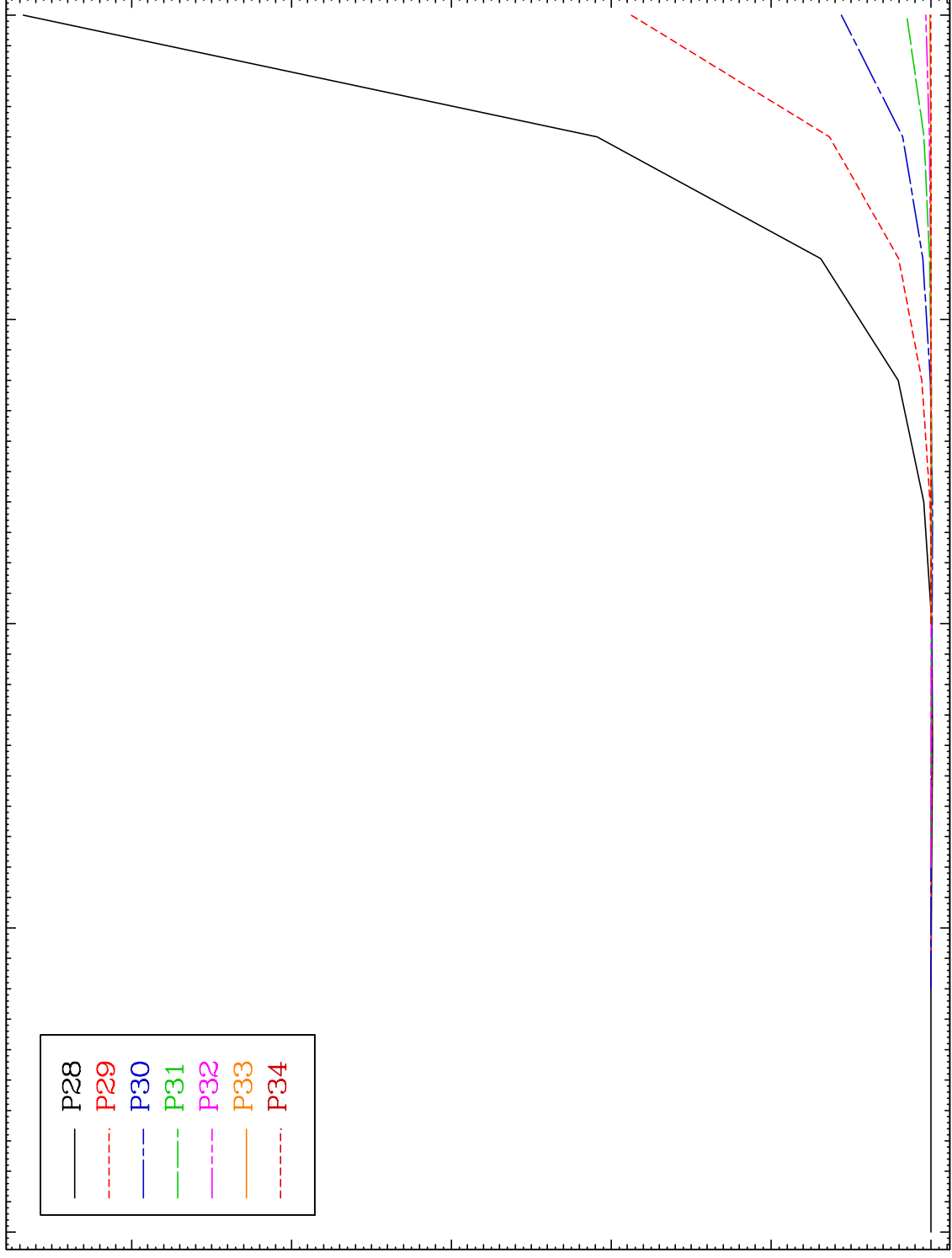
25

30

21

Incident Energy (MeV)

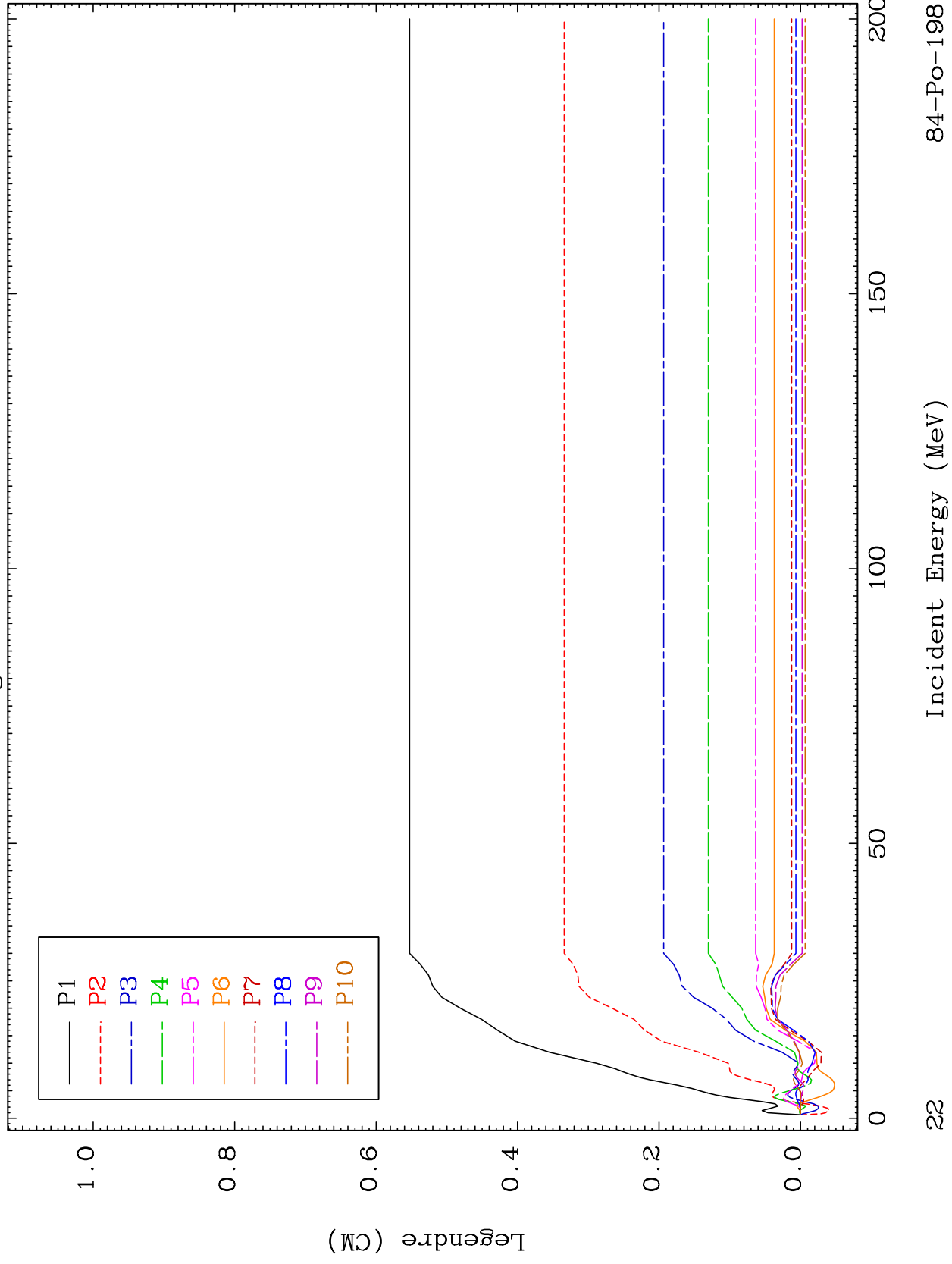
84-Po-198



MAT 8401

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

84-Po-198



22

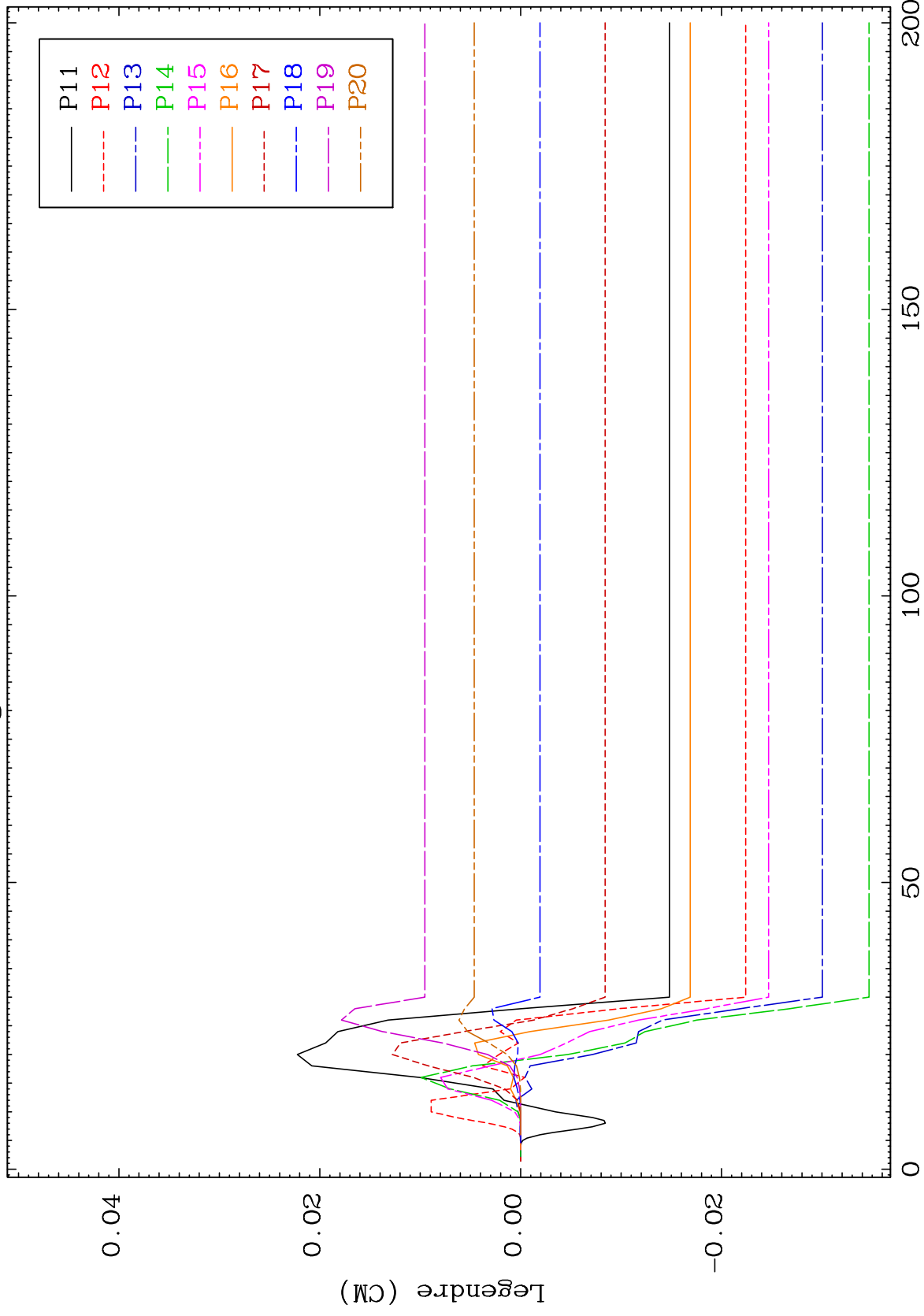
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



23

Incident Energy (MeV)

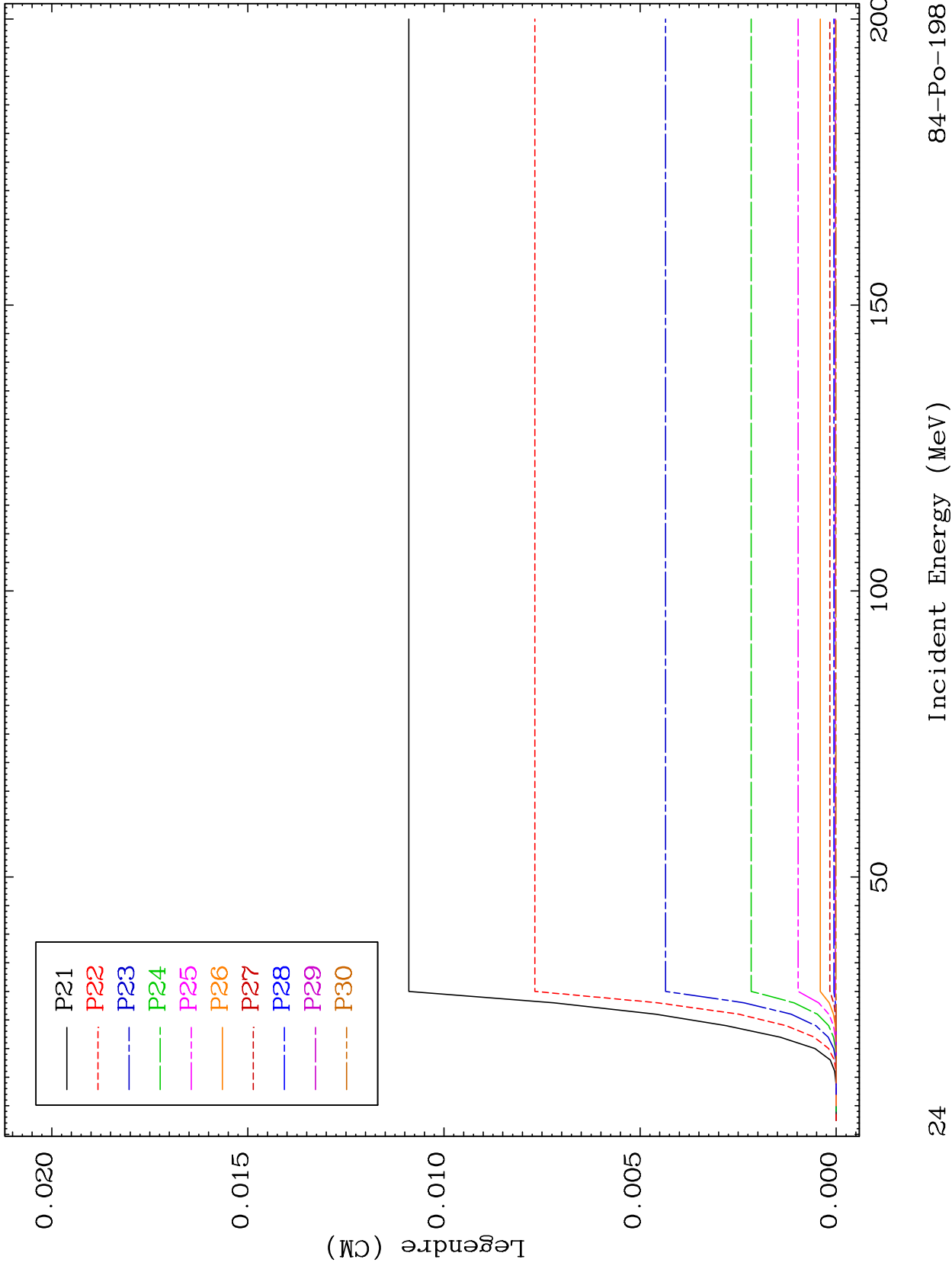
84-Po-198



MAT 8401

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

84-Po-198



24

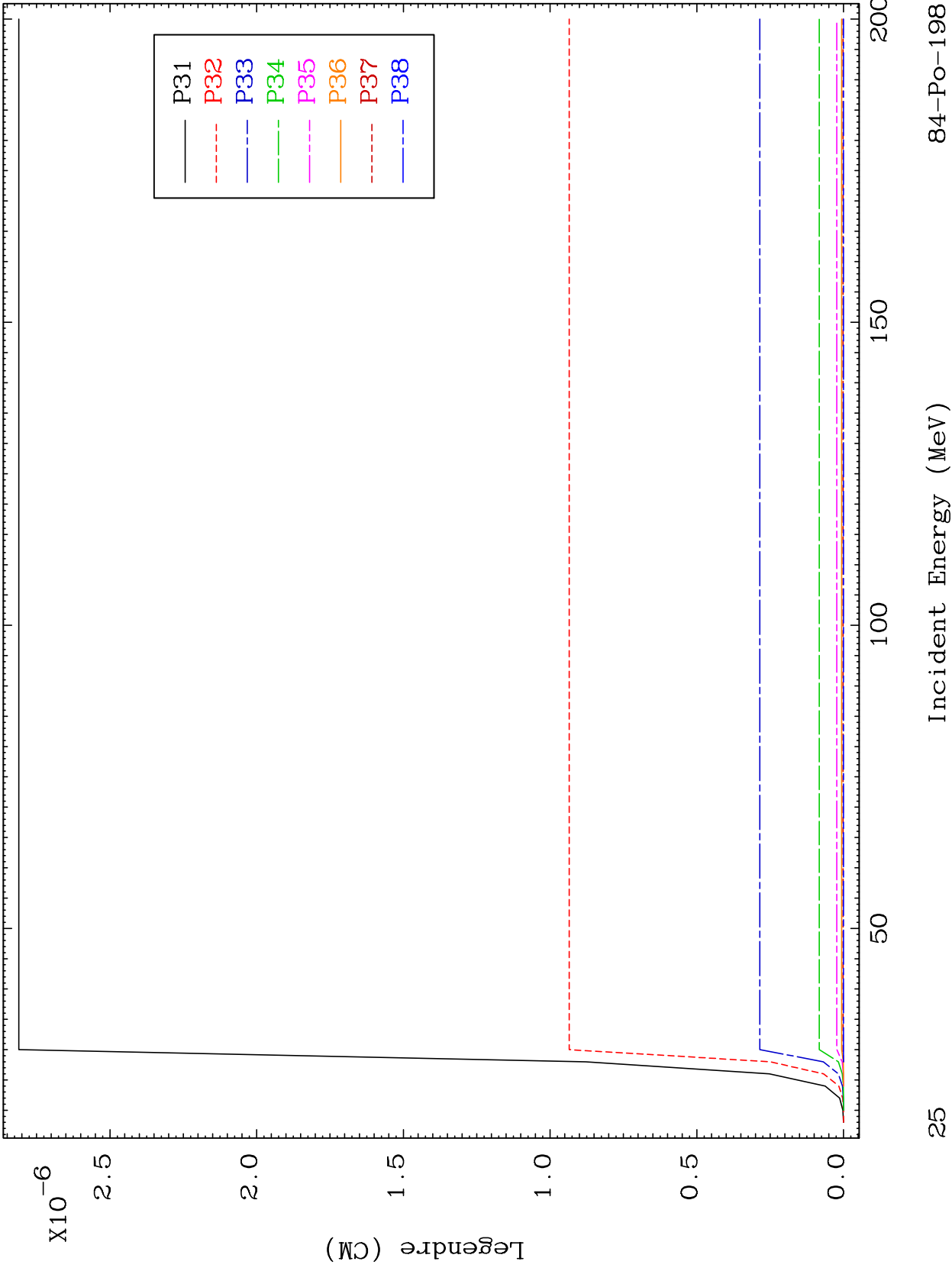
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



25

50

100

150

200

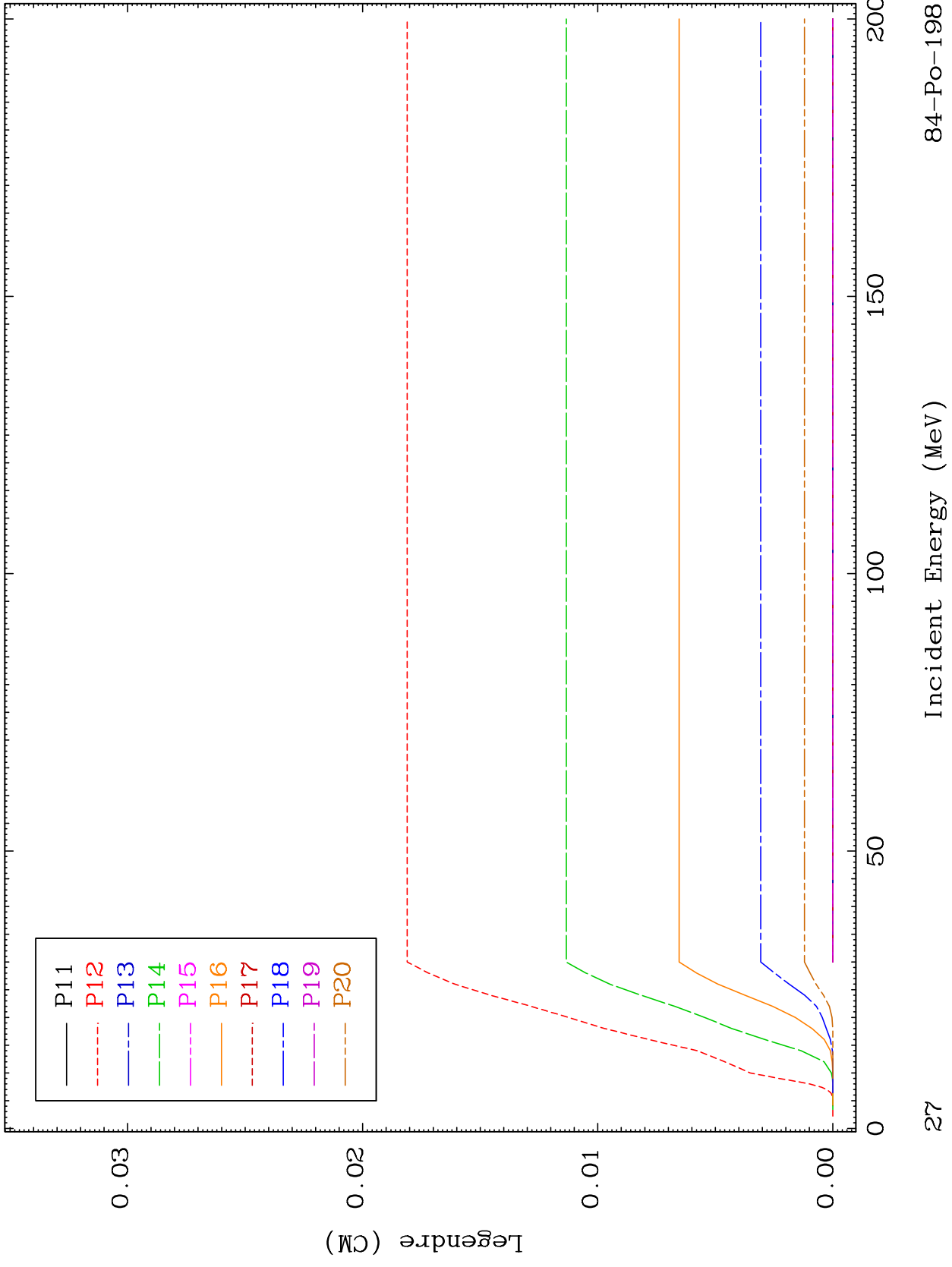
84-Po-198



MAT 8401

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

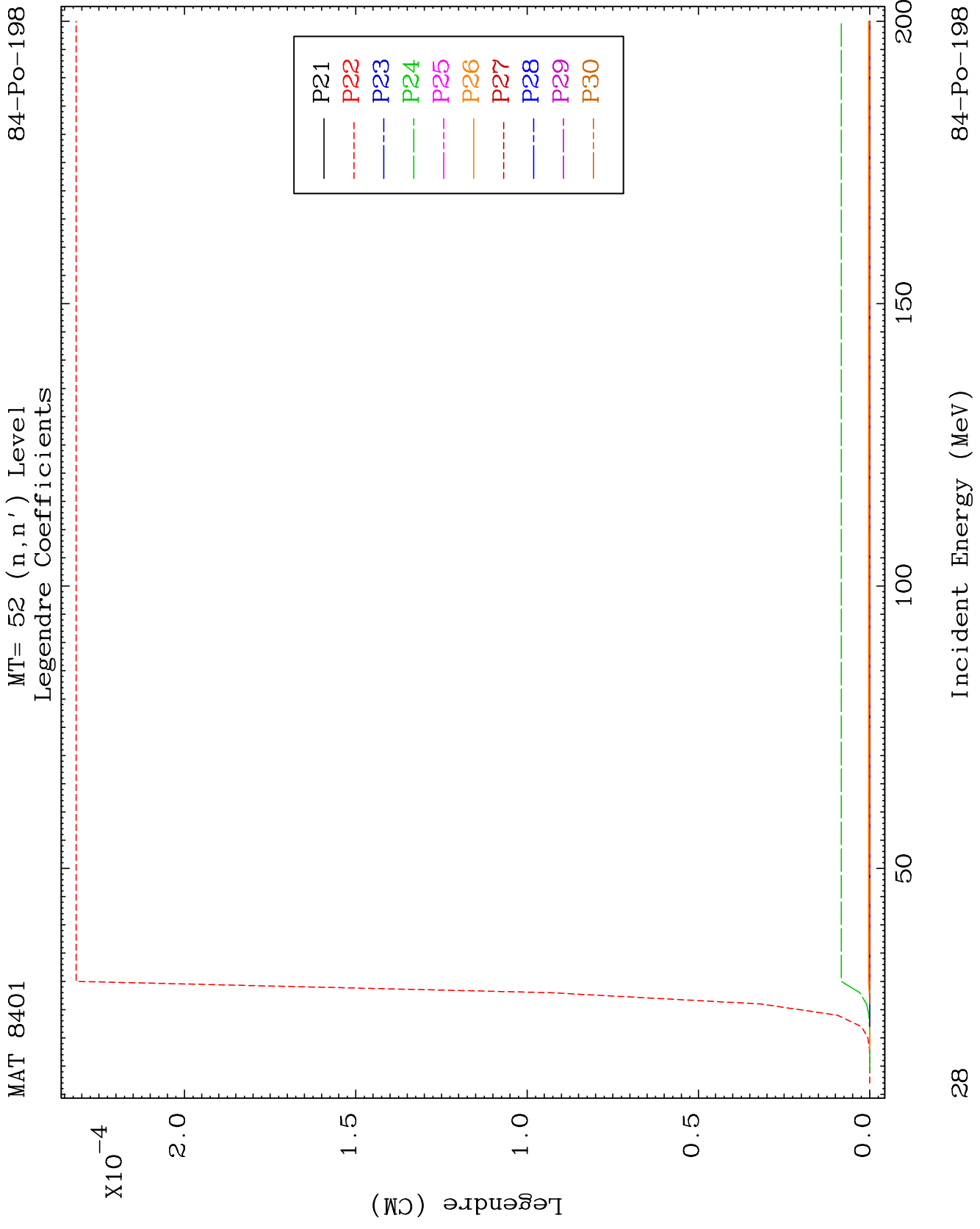
84-Po-198



27

Incident Energy (MeV)

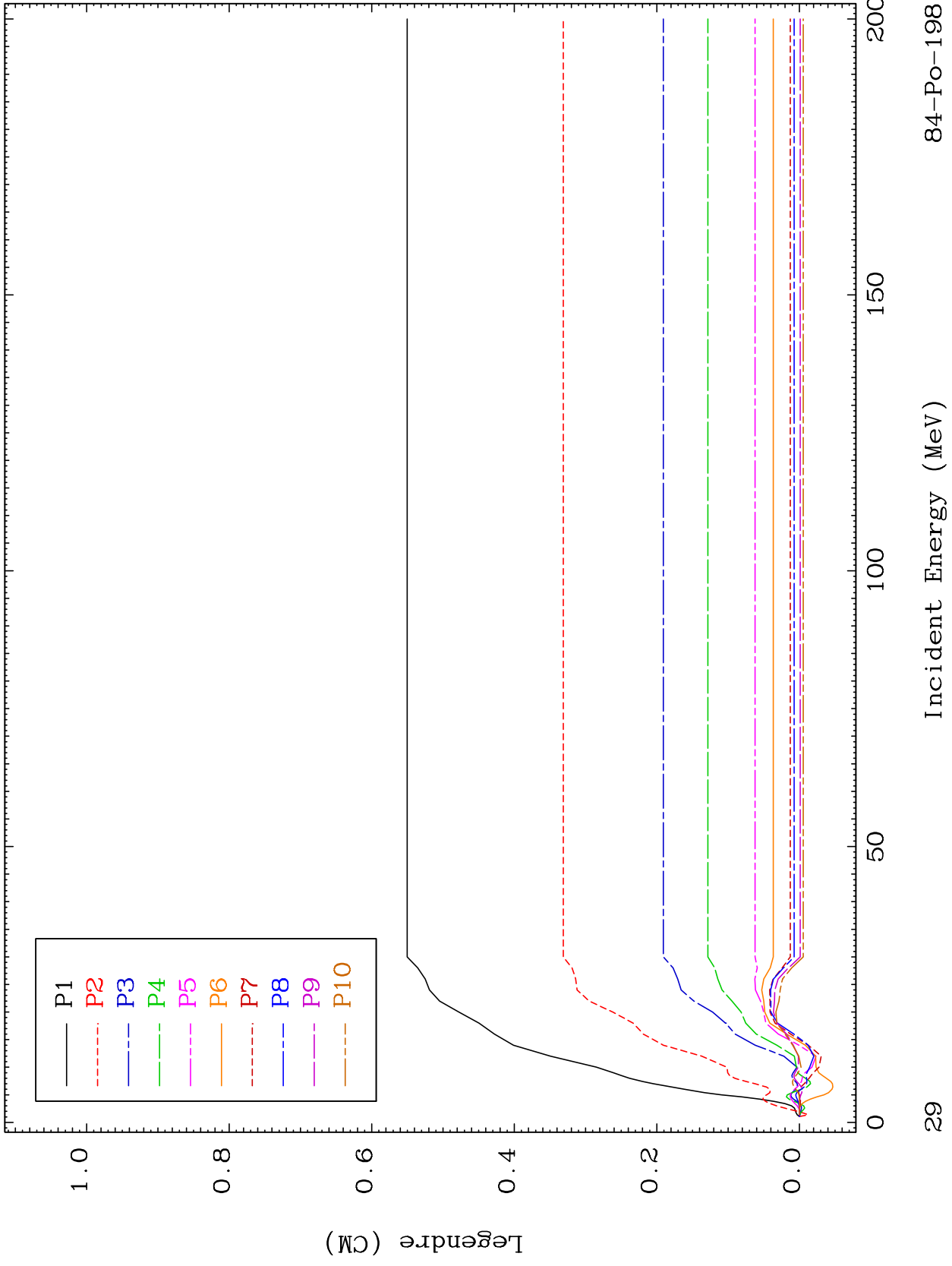
84-Po-198



MAT 8401

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

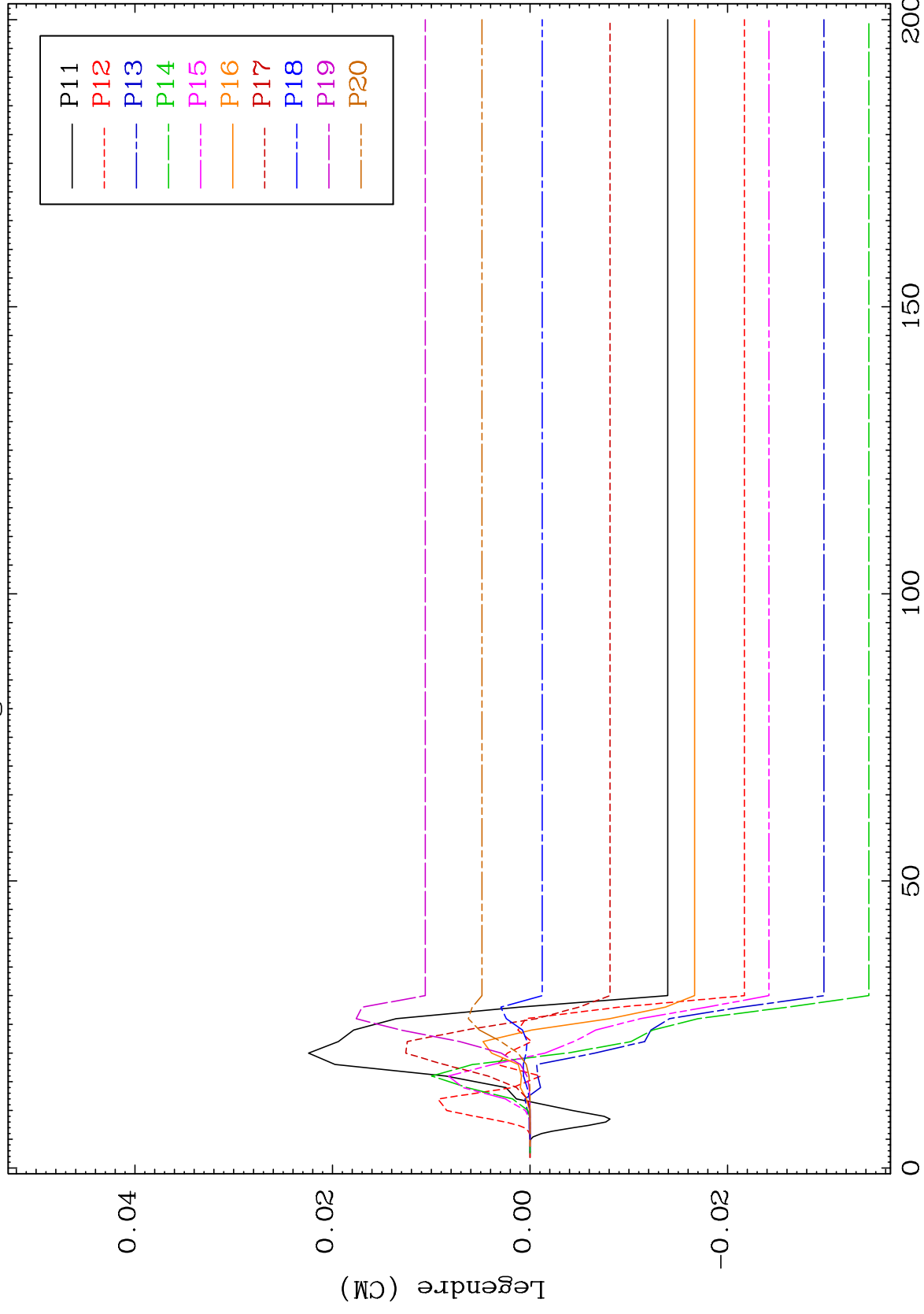
84-Po-198



MAT 8401

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

84-Po-198



84-Po-198

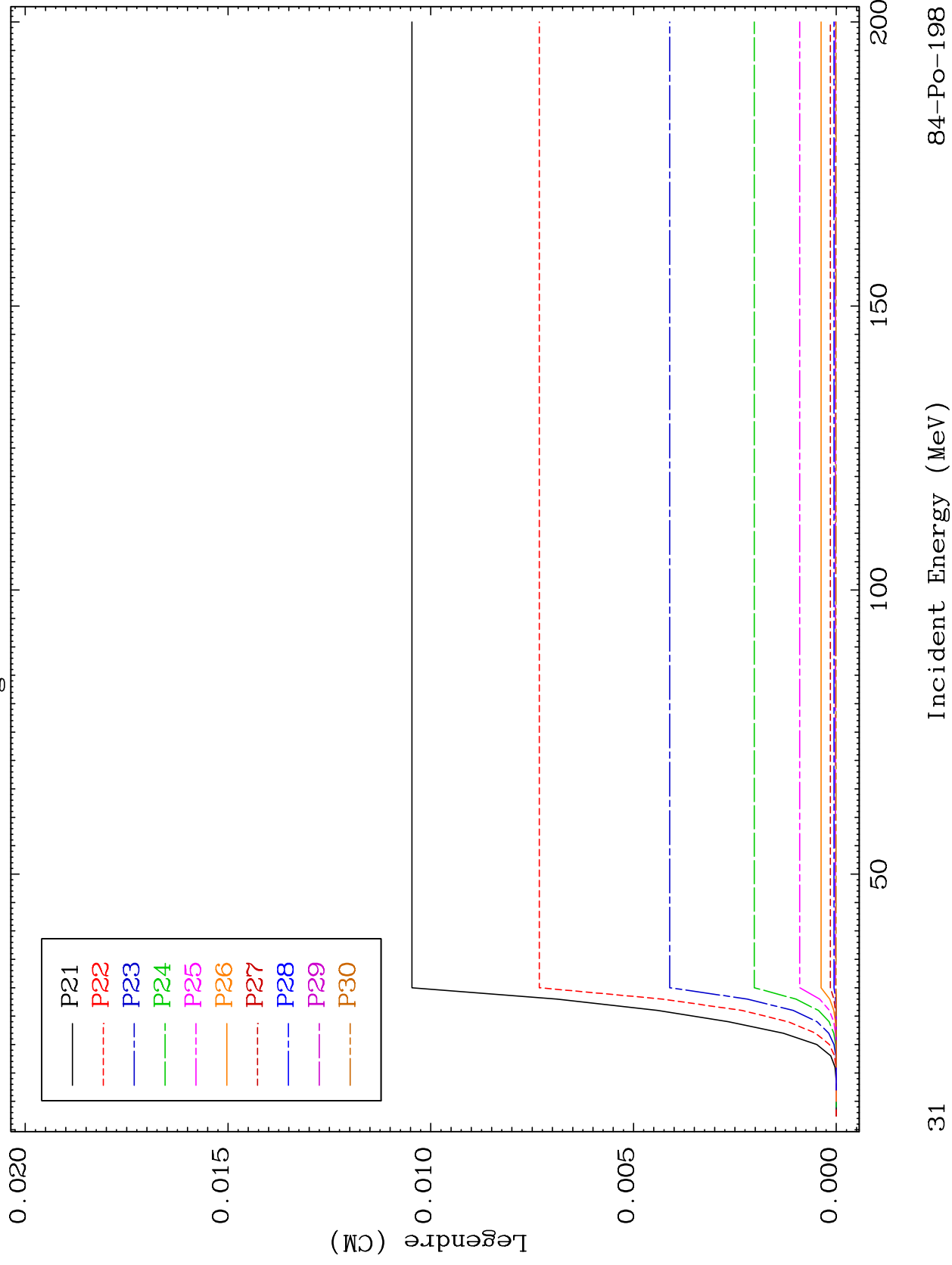
Incident Energy (MeV)

30

MAT 8401

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

84-Po-198



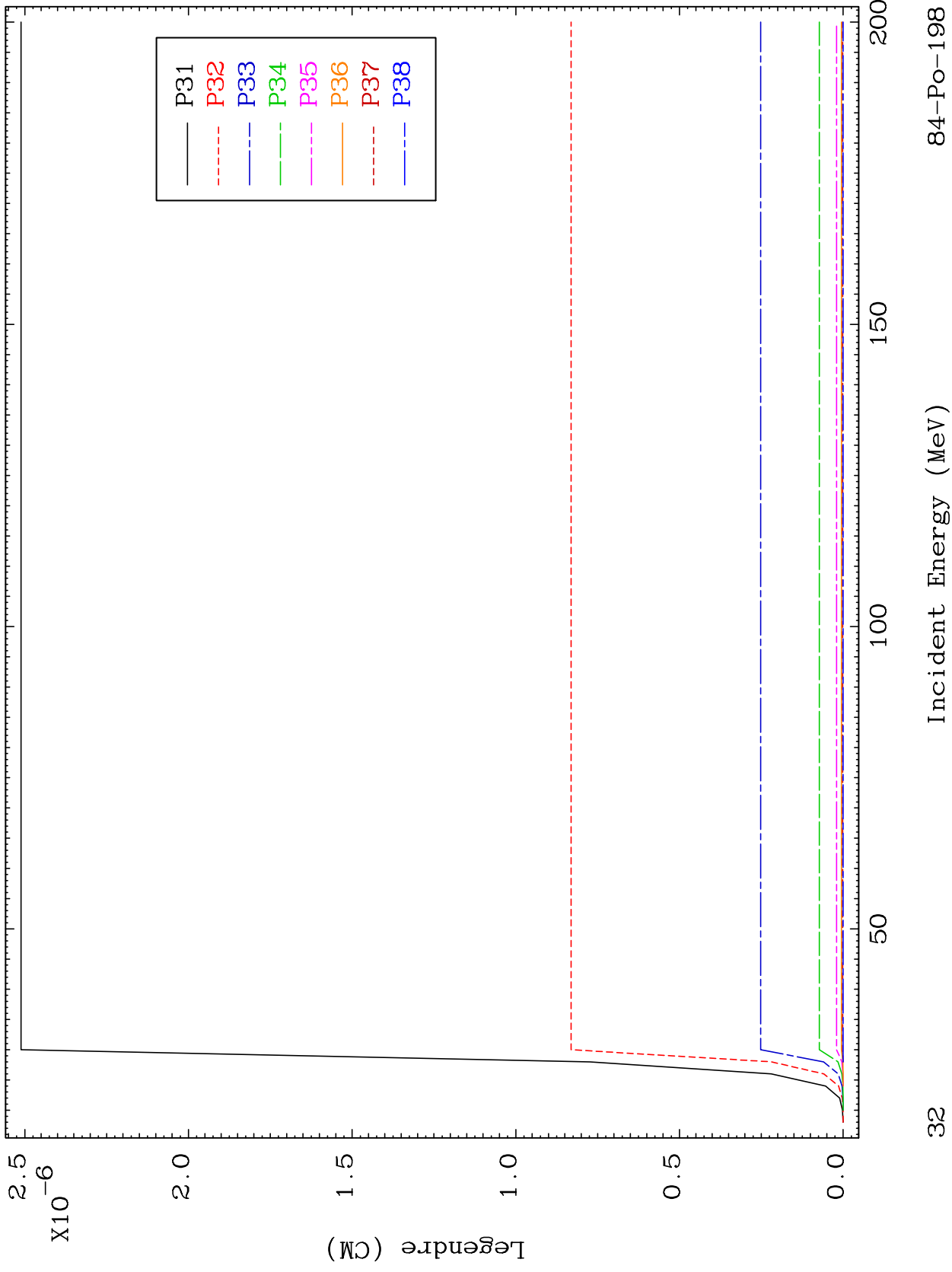
31



MAT 8401

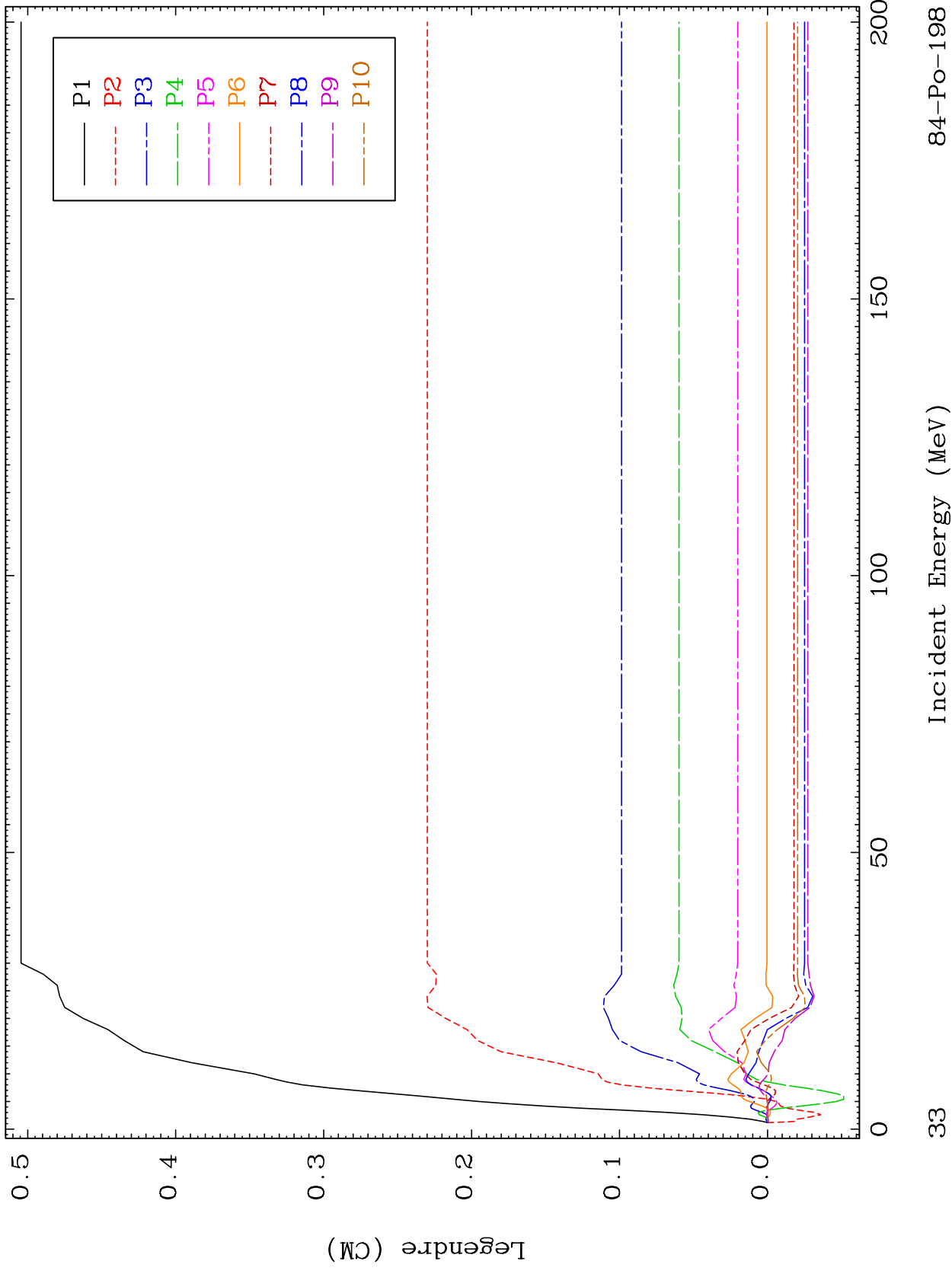
MT= 53 (n,n') Level  
Legendre Coefficients

84-Po-198



32

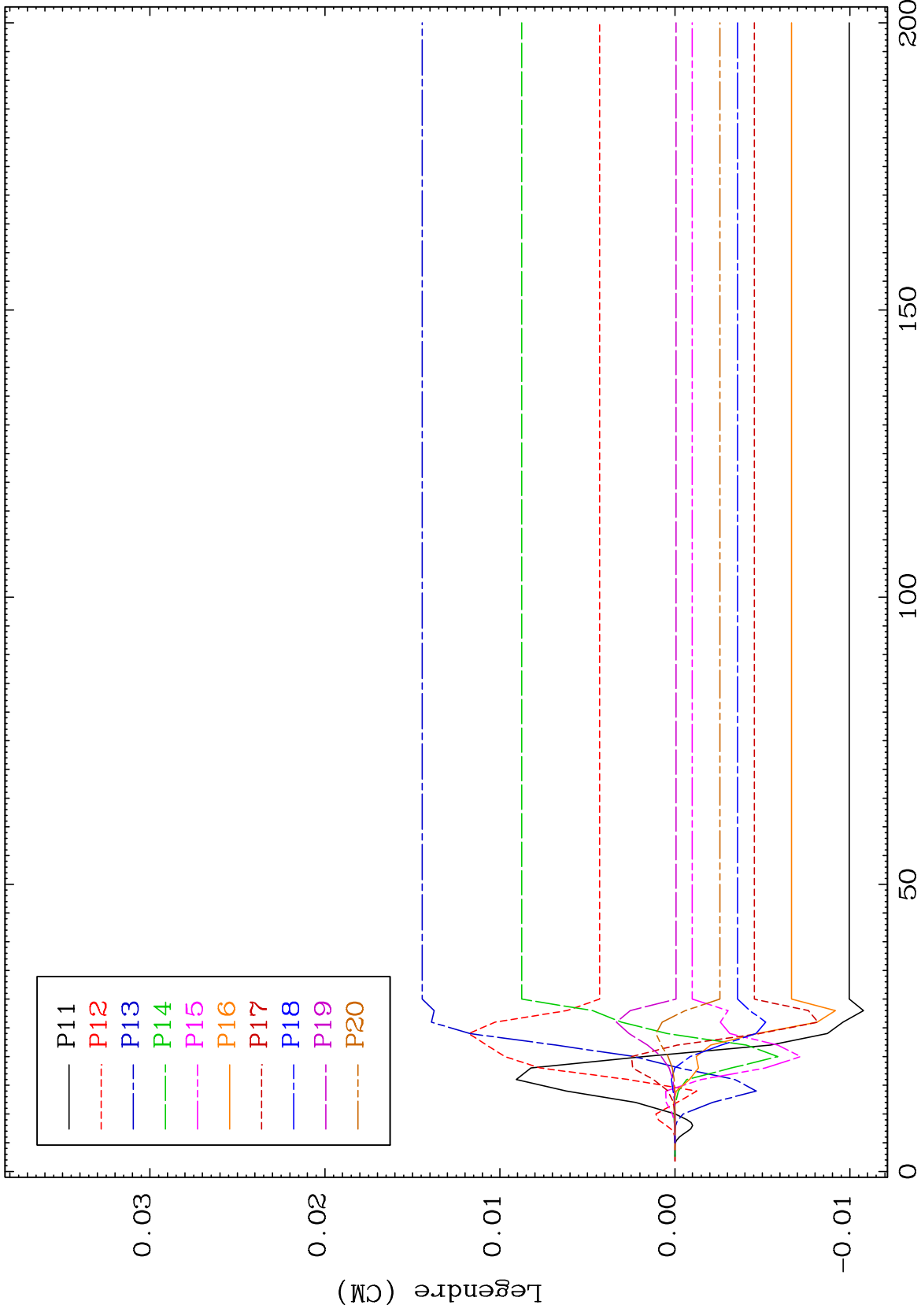
84-Po-198



MAT 8401

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

84-Po-198



34

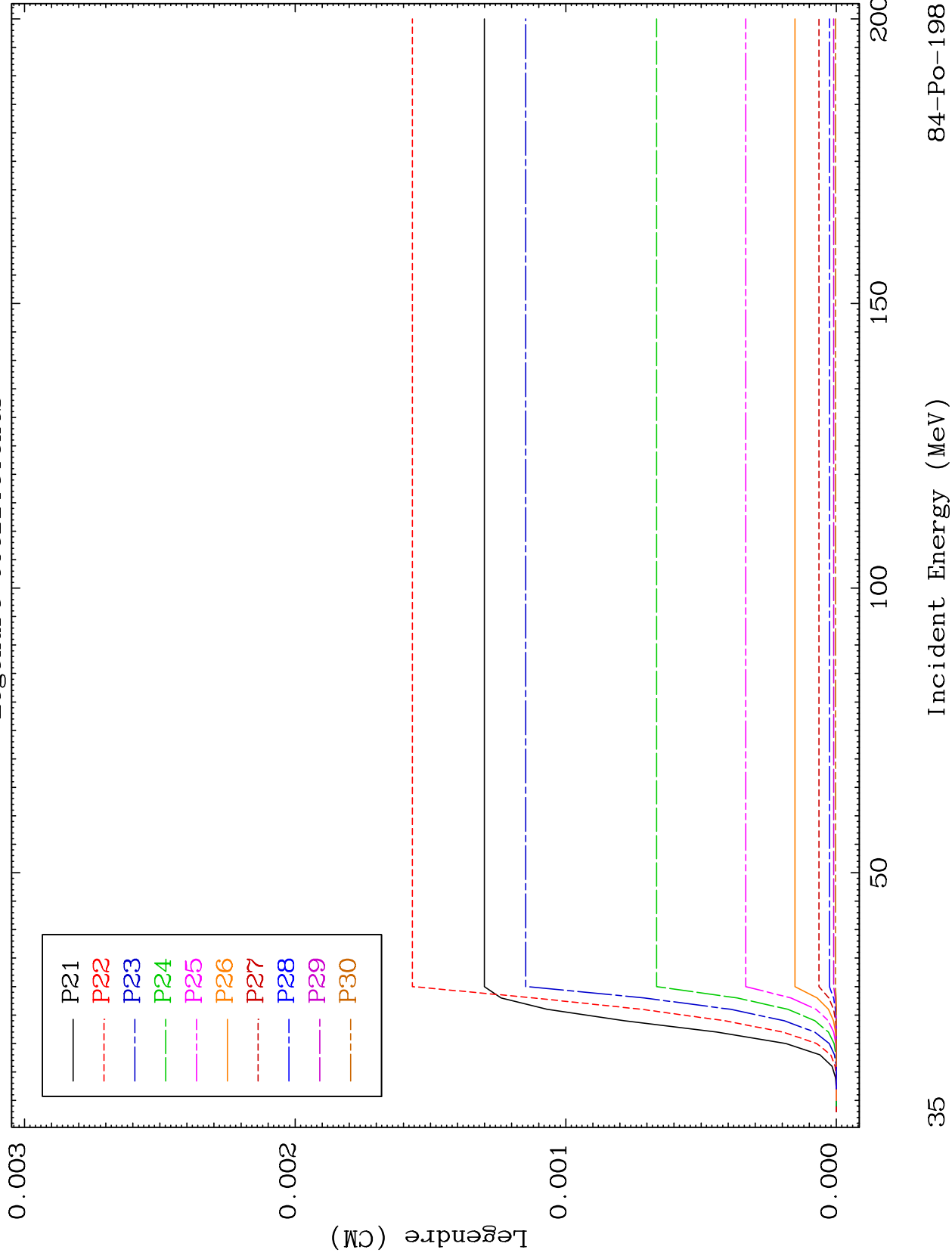
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



35

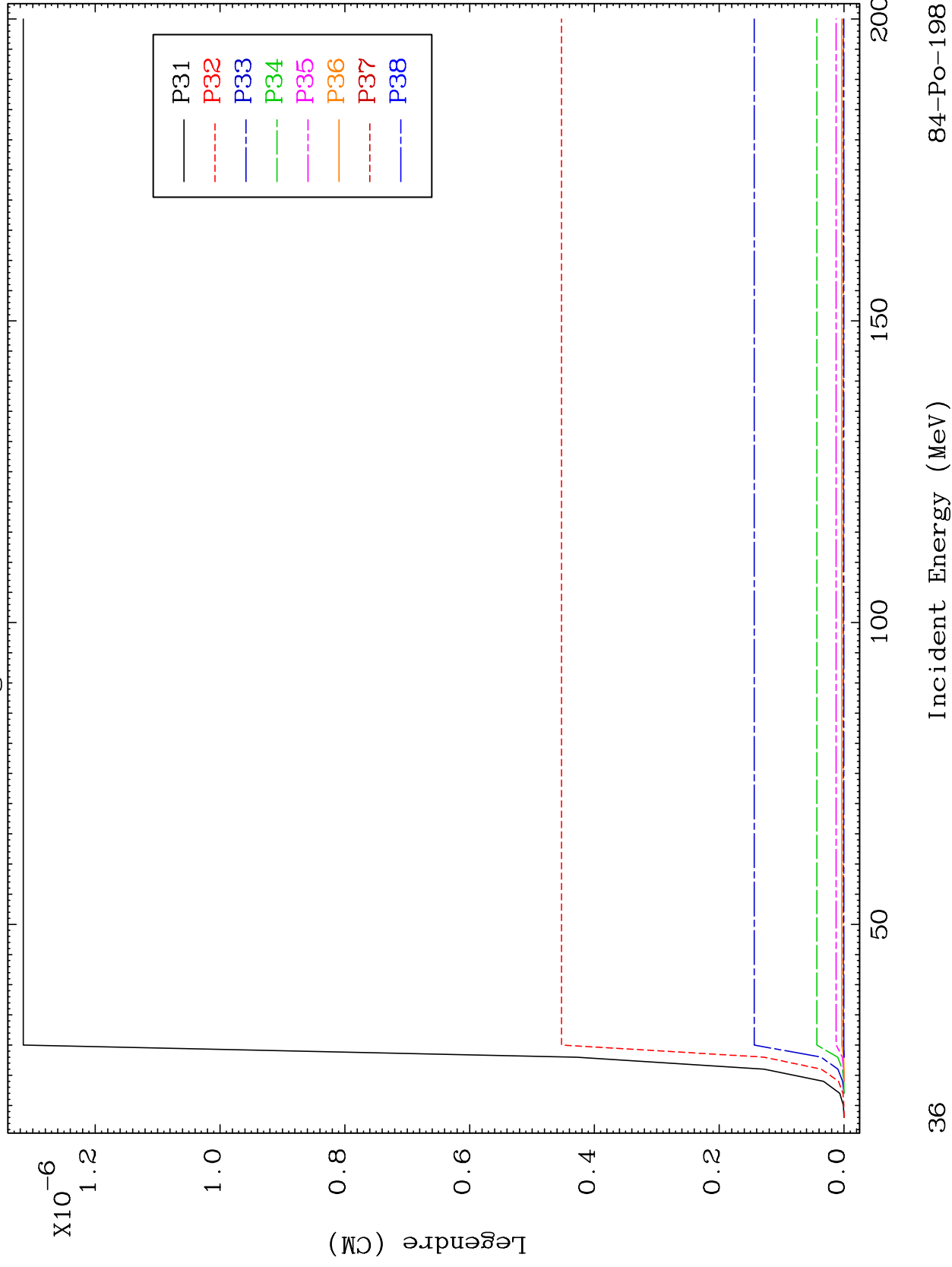
Incident Energy (MeV)

84-Po-198

MAT 8401

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

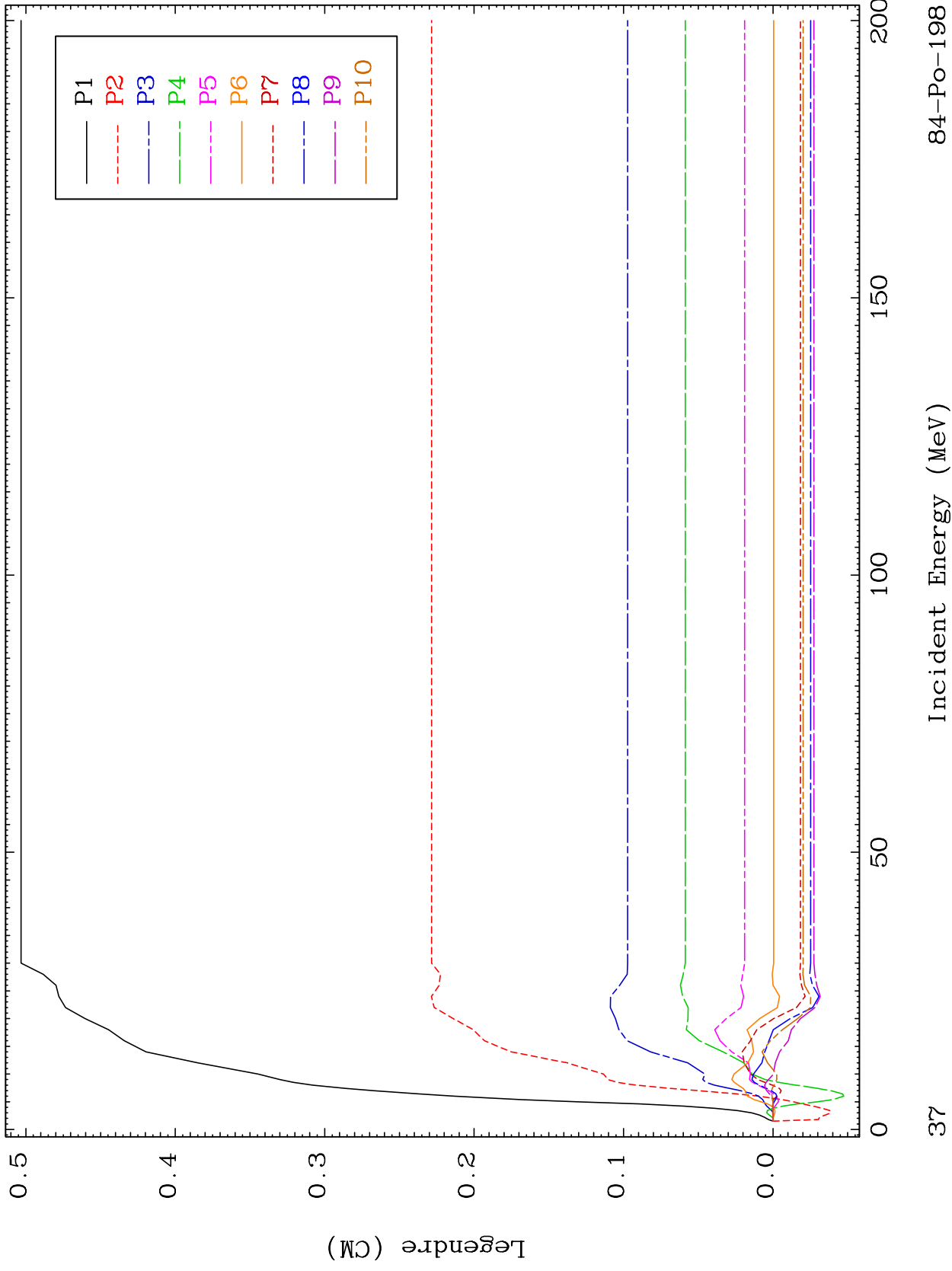
84-Po-198



MAT 8401

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

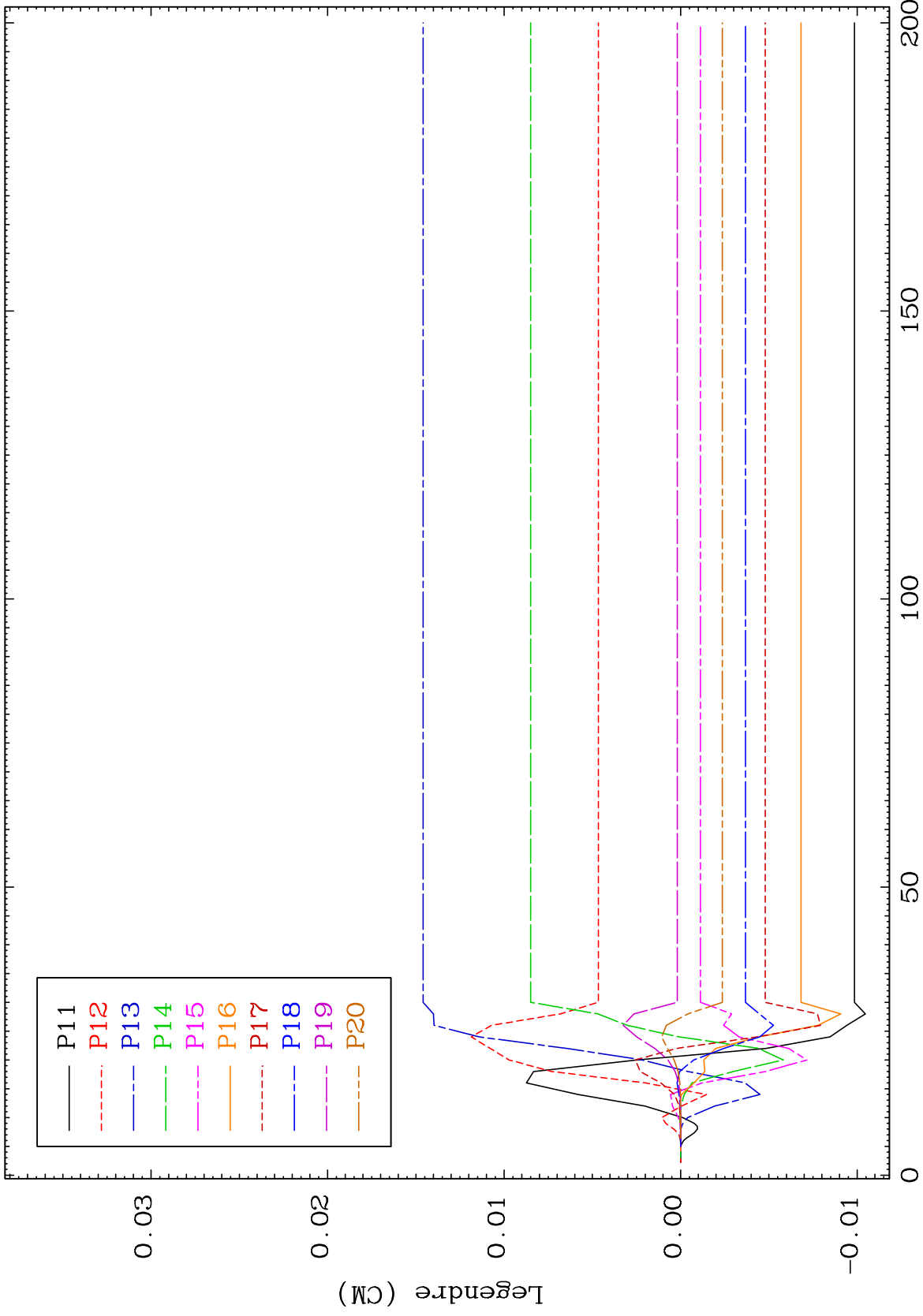
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MAT 8401

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

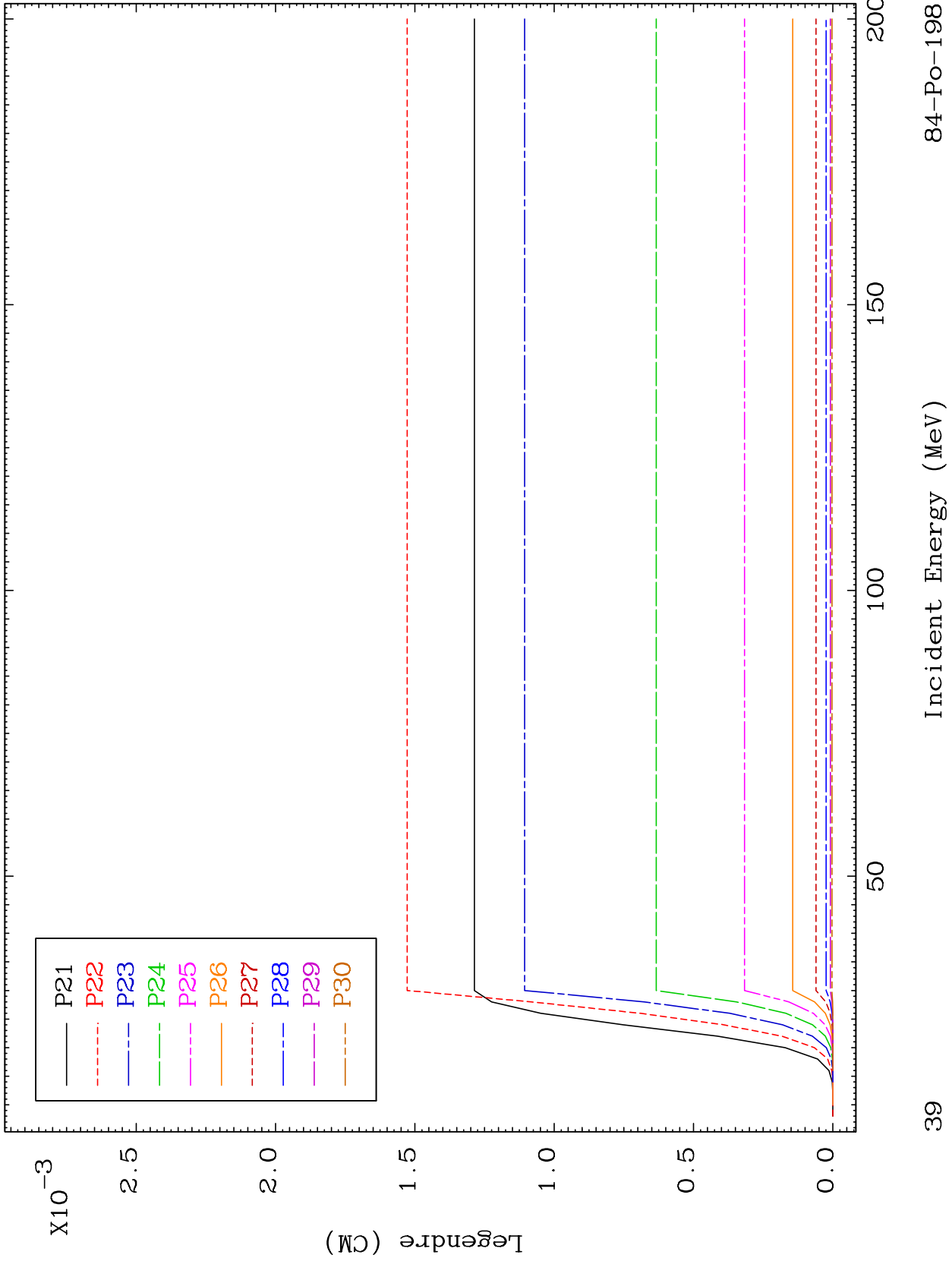
84-Po-198



38

Incident Energy (MeV)

84-Po-198

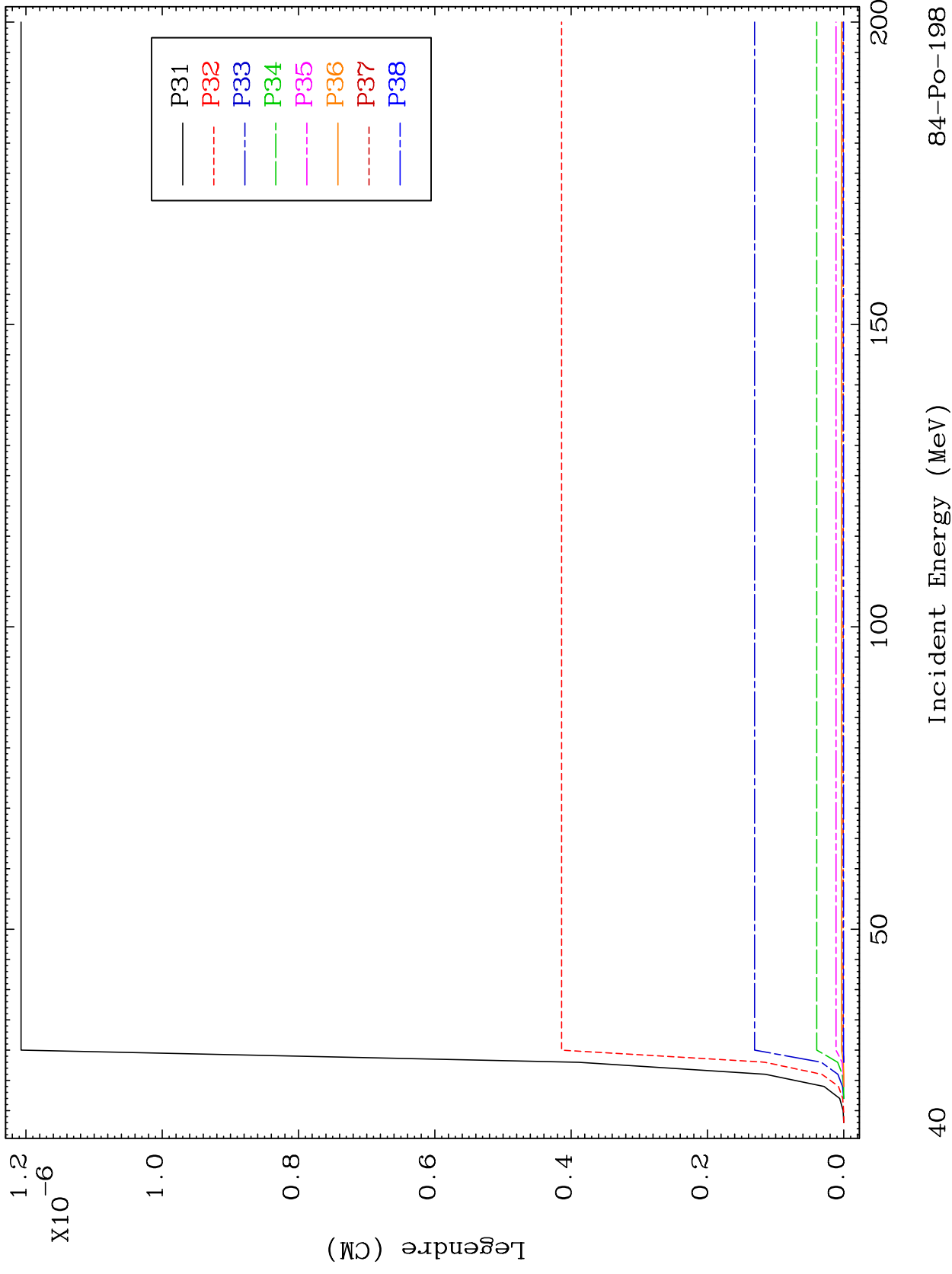




MAT 8401

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

84-Po-198



84-Po-198

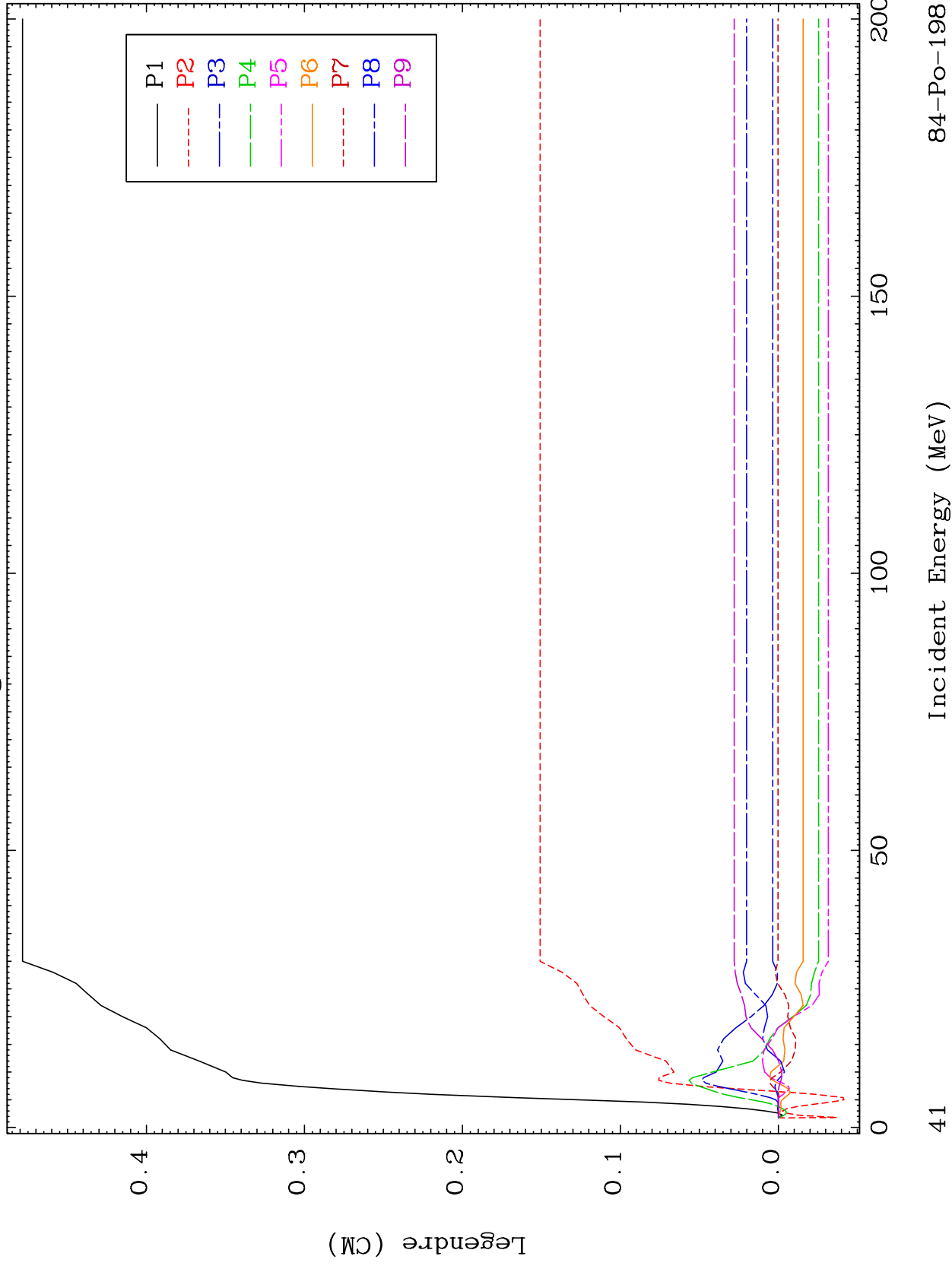
Incident Energy (MeV)

40

MAT 8401

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

84-Po-198



41

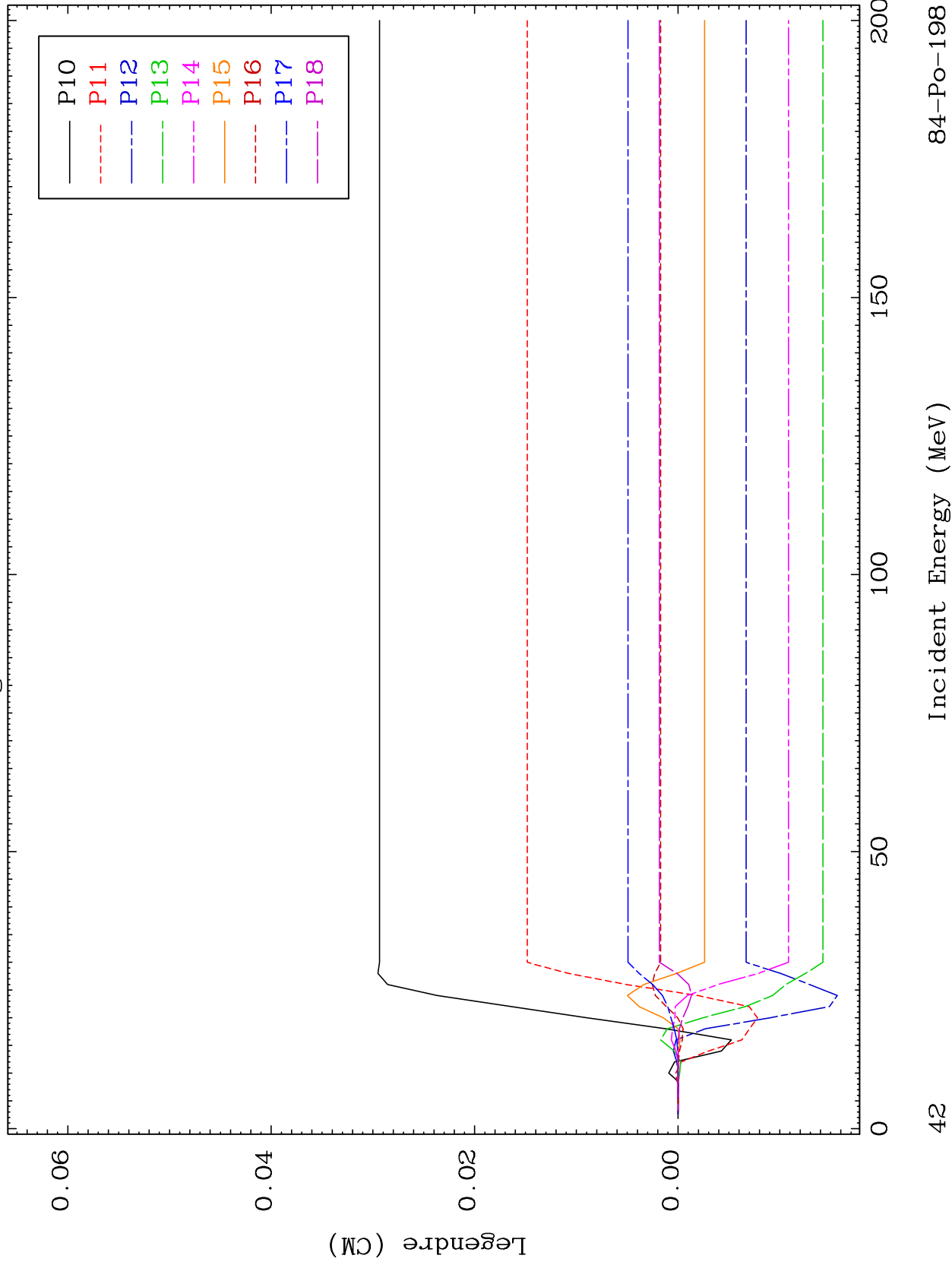
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



84-Po-198

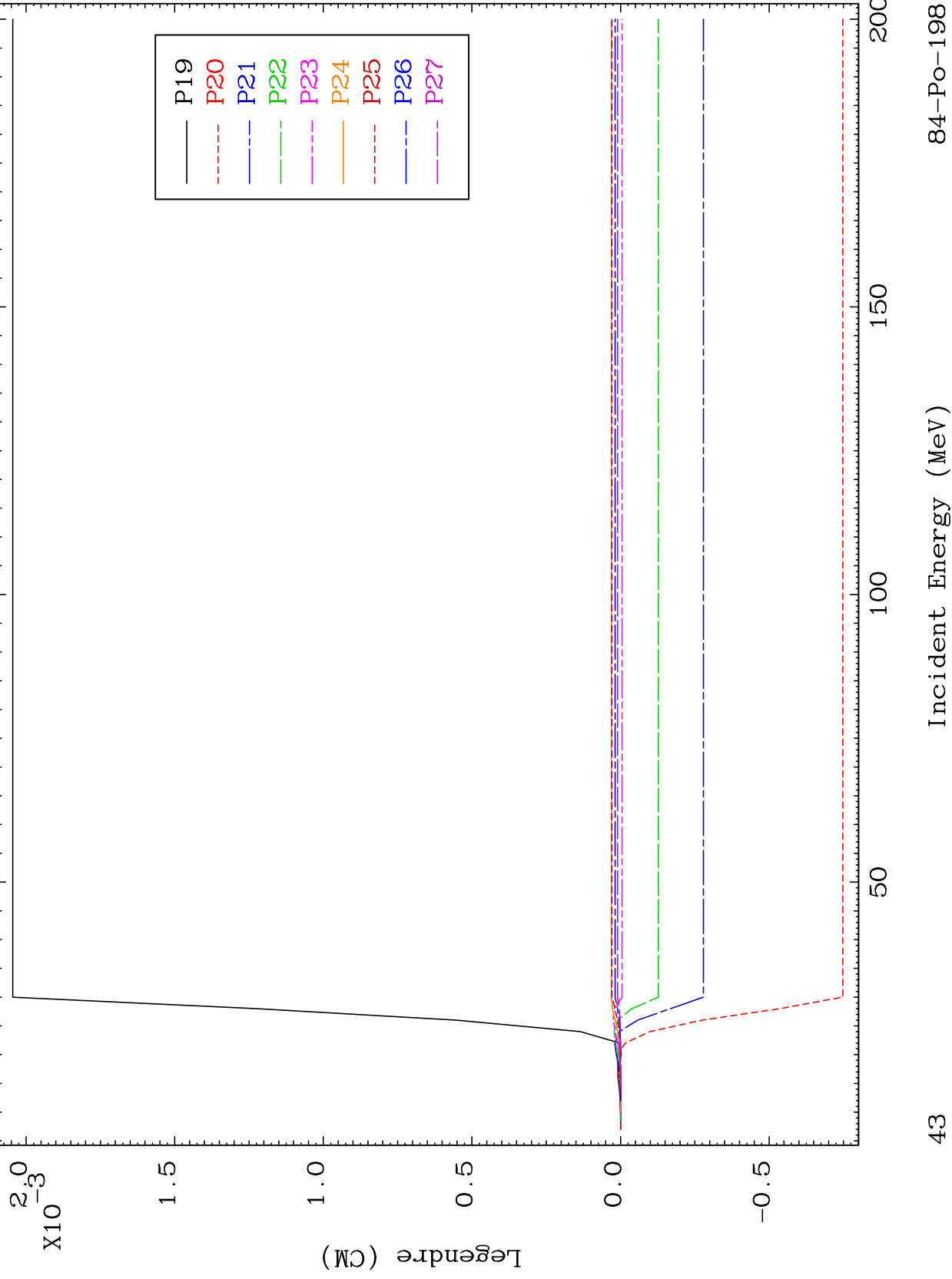
Incident Energy (MeV)

42

MAT 8401

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

84-Po-198



43

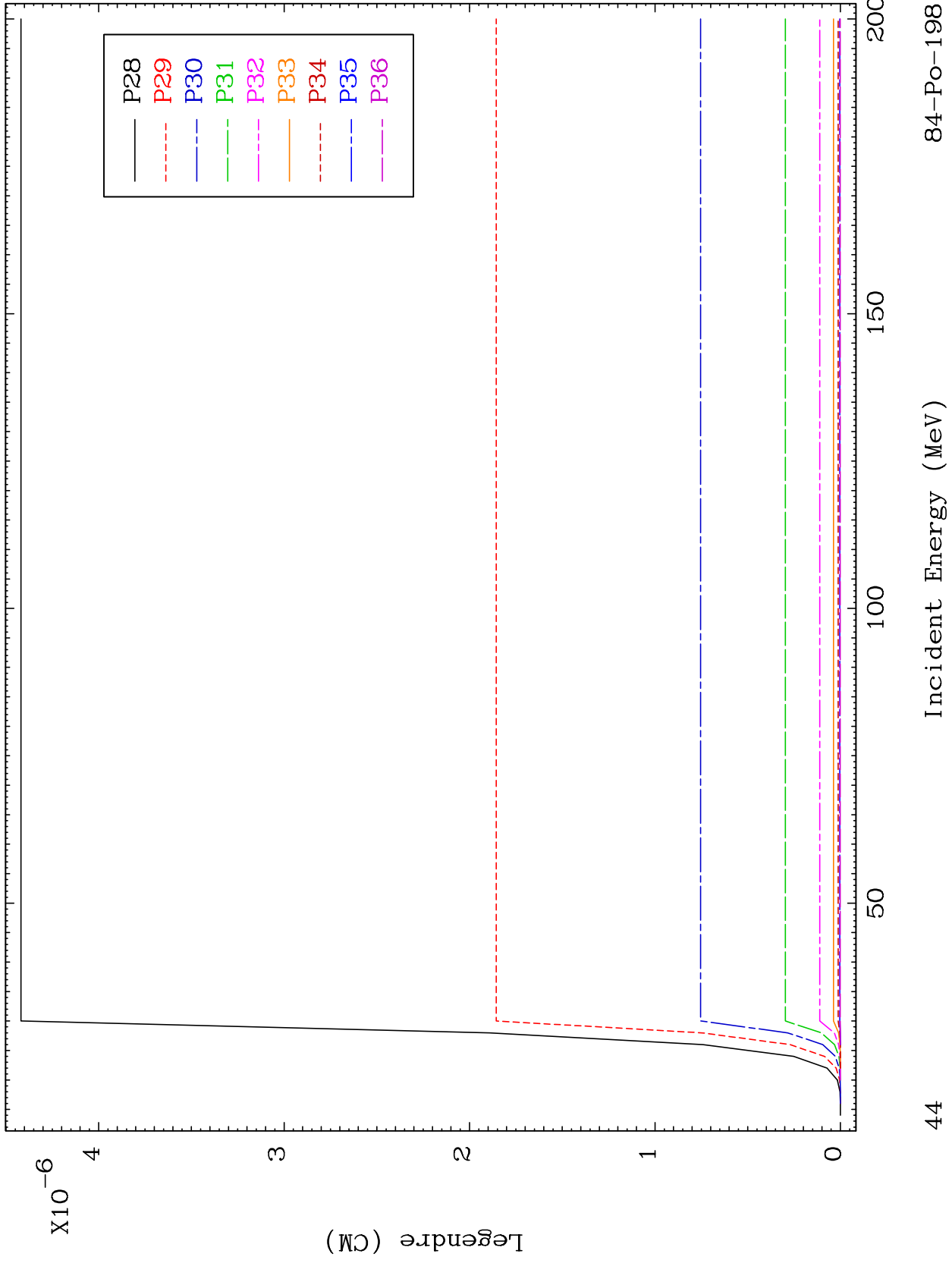
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



44

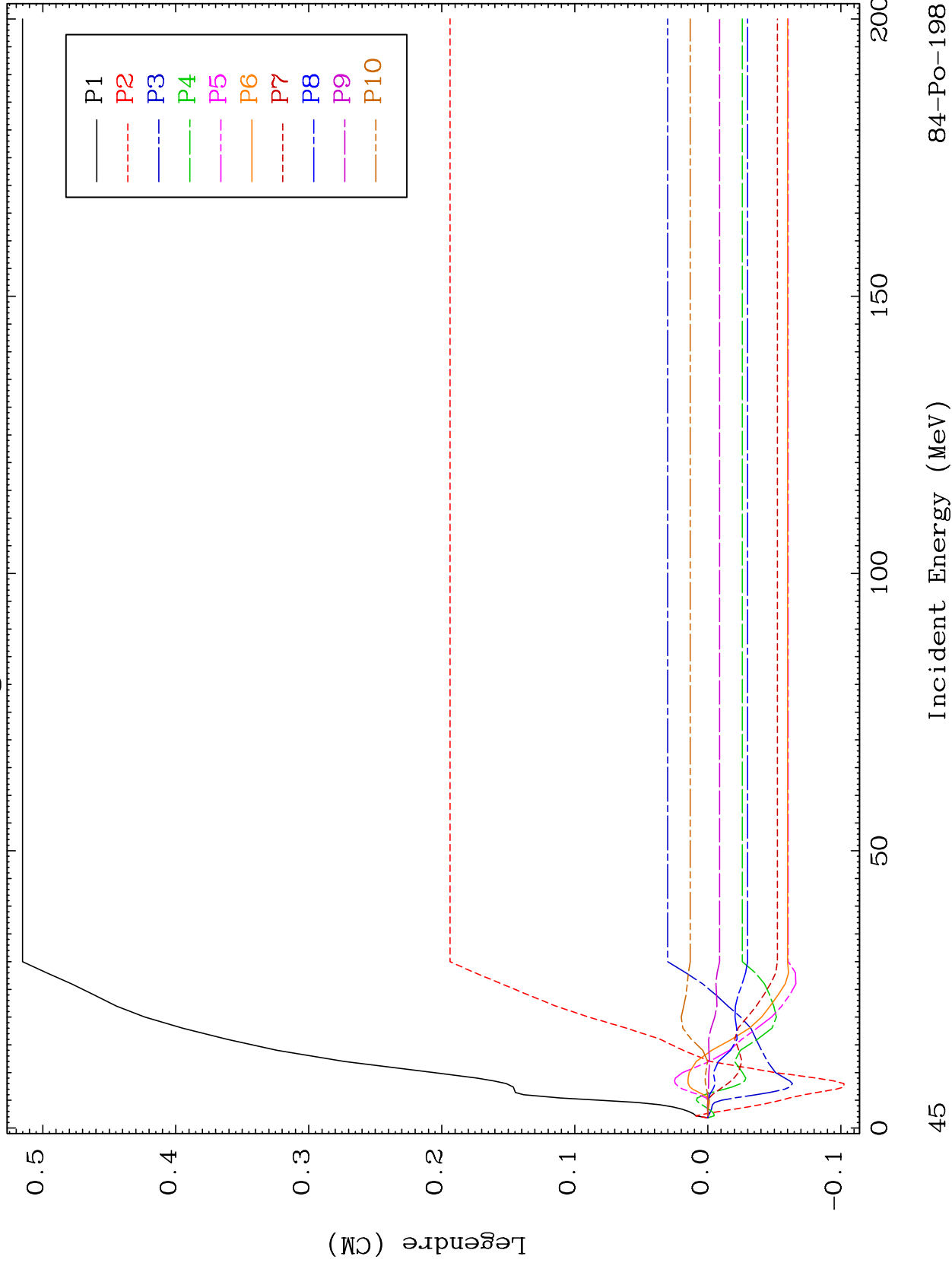
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



84-Po-198

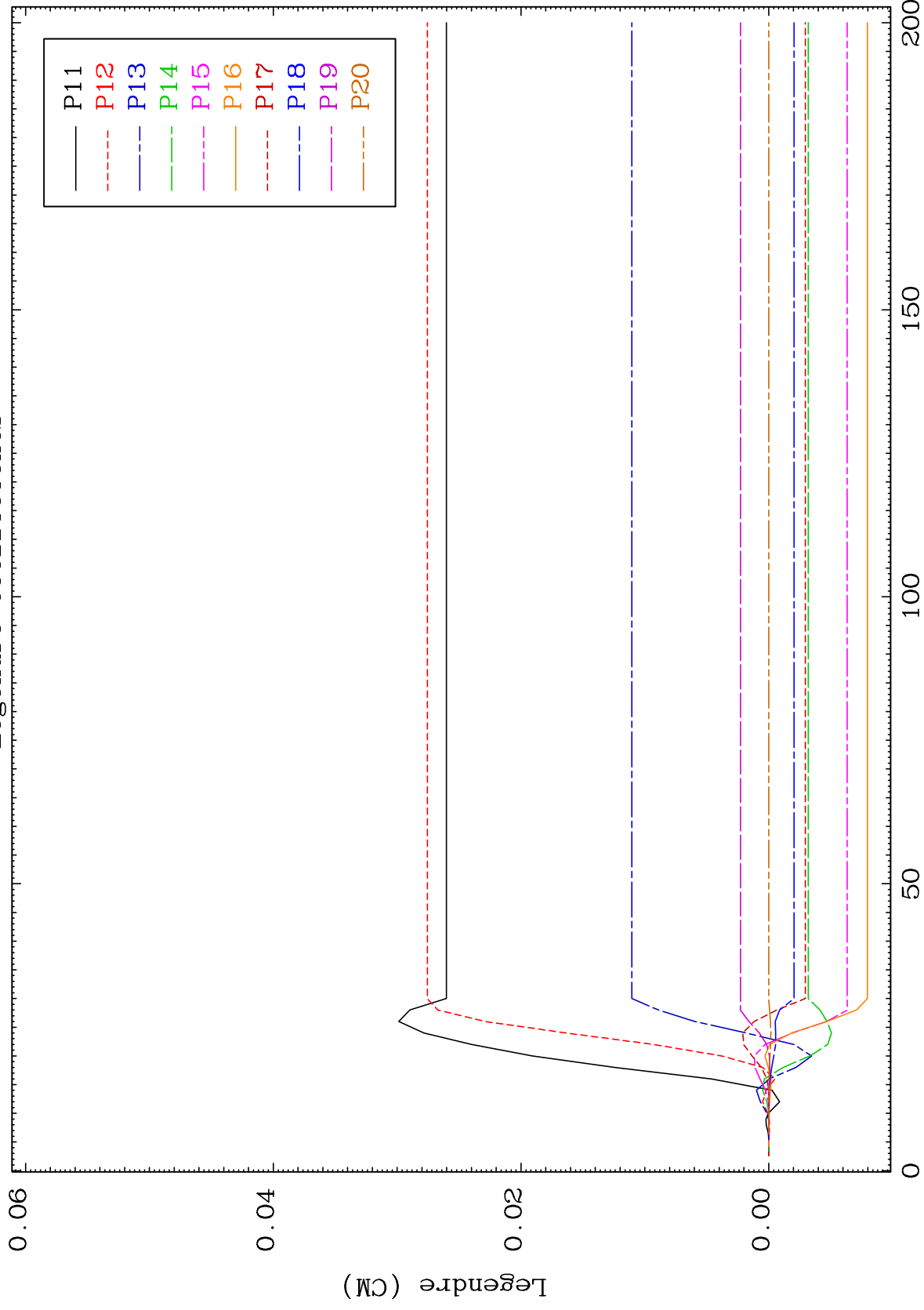
Incident Energy (MeV)

45

MAT 8401

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

84-Po-198



46

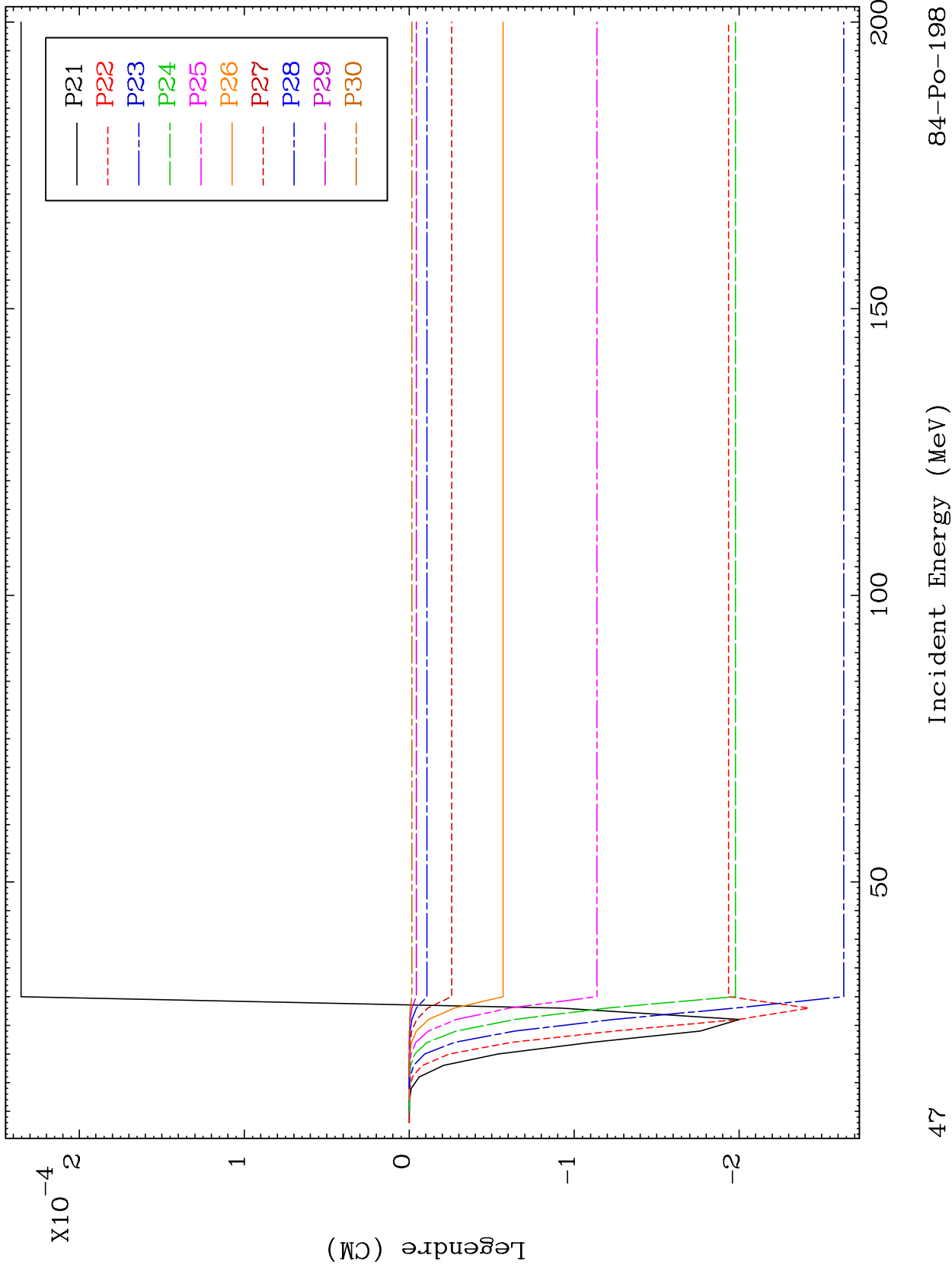
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



47

Incident Energy (MeV)

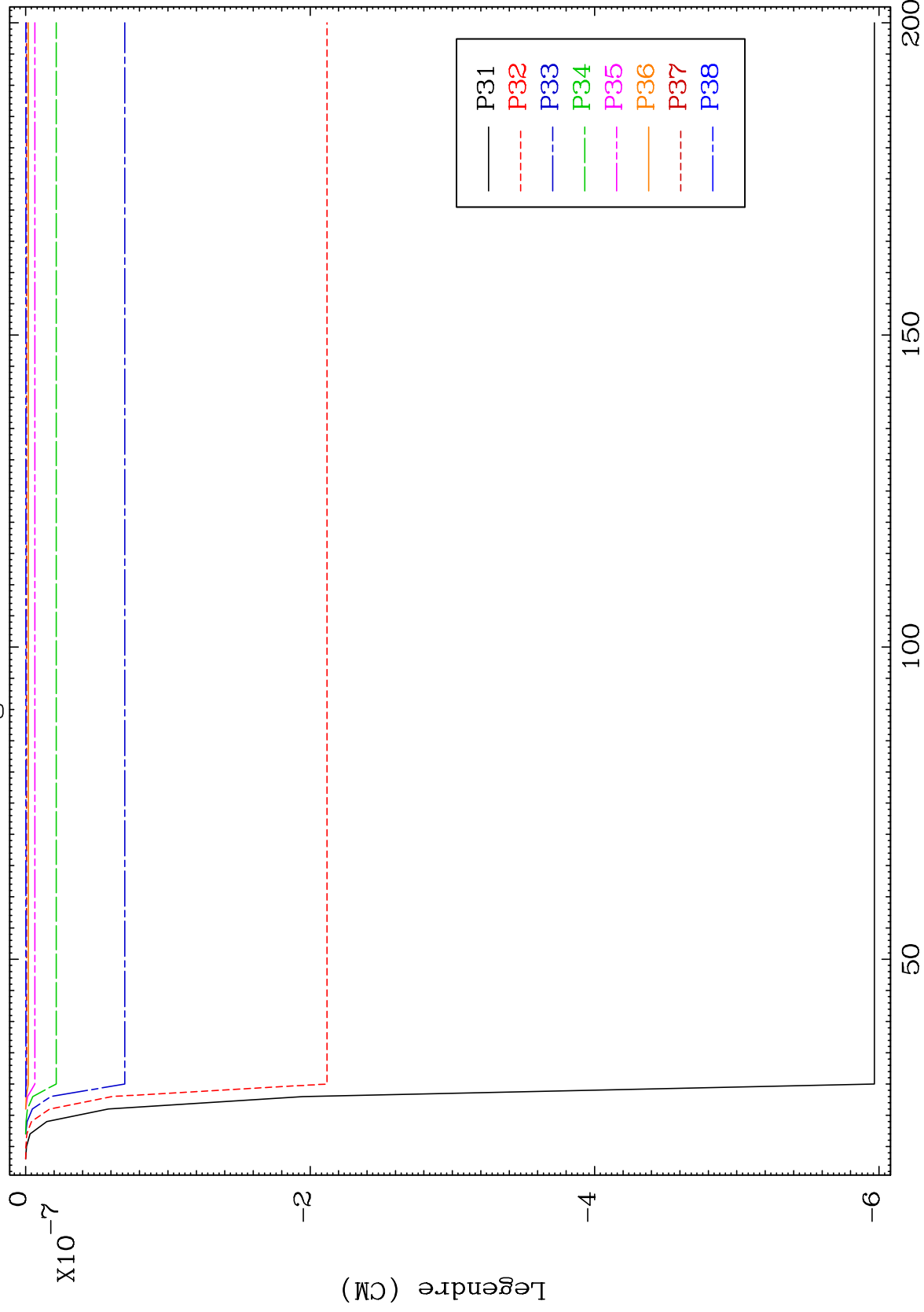
84-Po-198



MAT 8401

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

84-Po-198



48

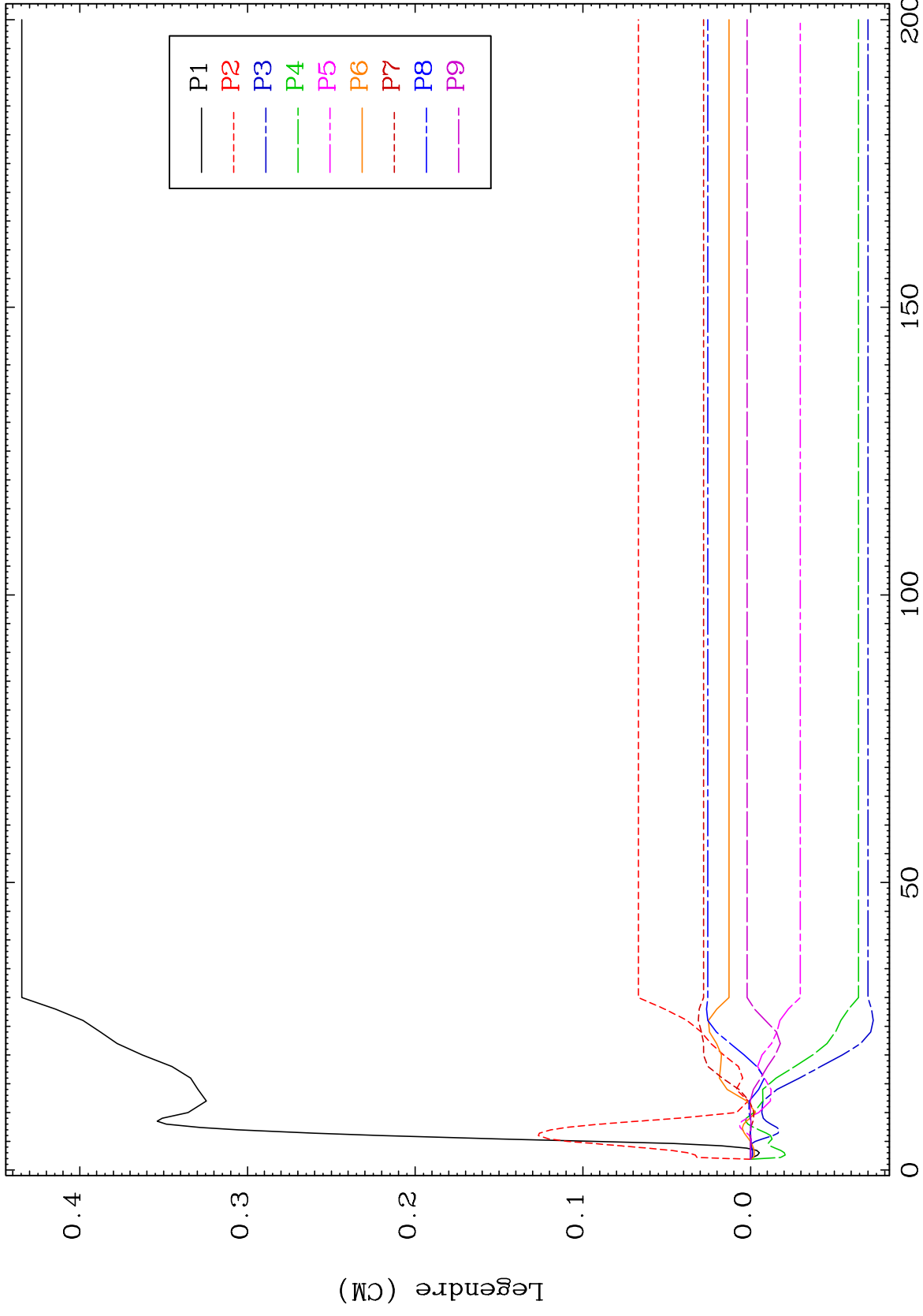
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



49

Incident Energy (MeV)

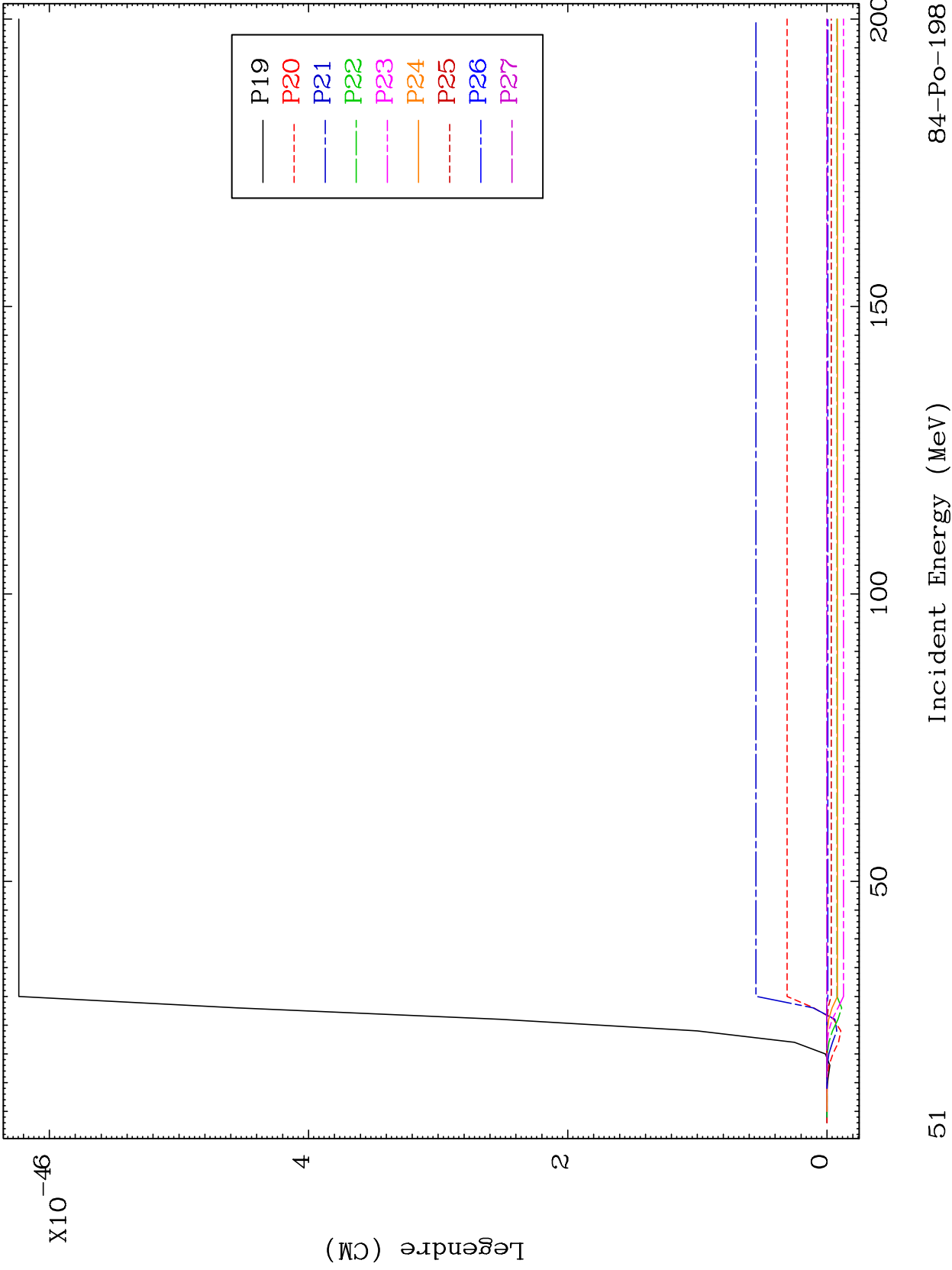
84-Po-198



MAT 8401

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

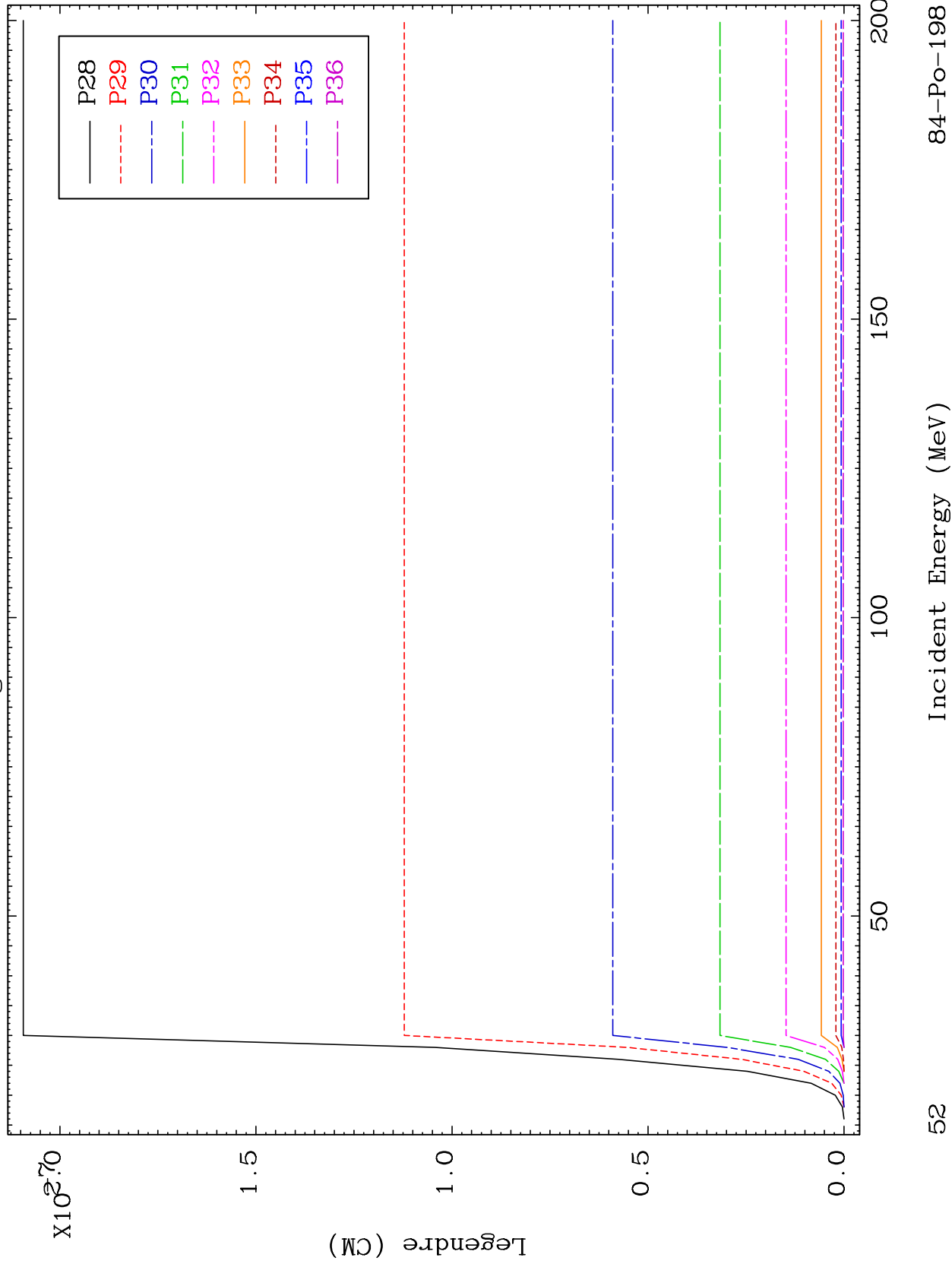
84-Po-198



MAT 8401

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

84-Po-198



52

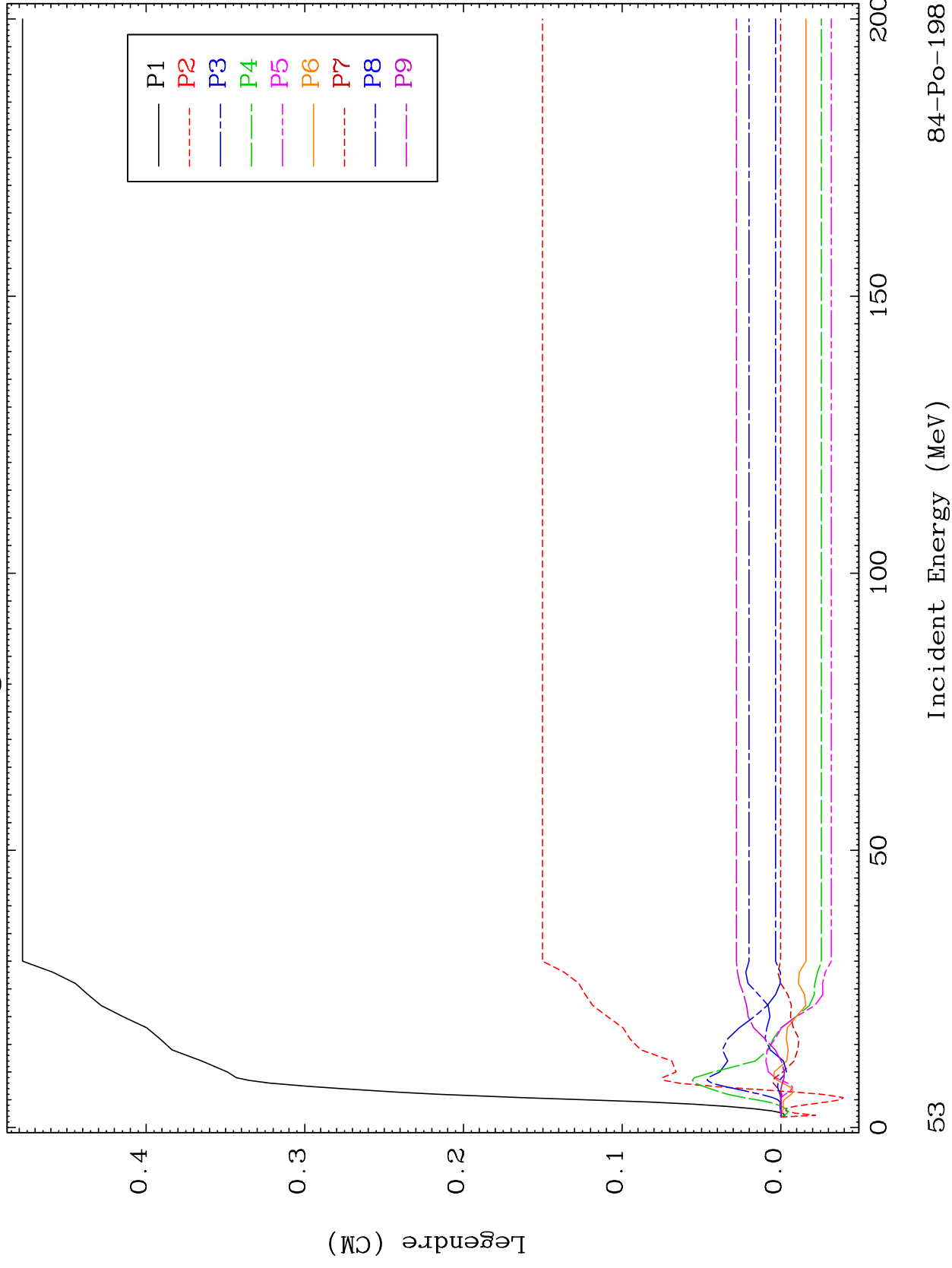
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



84-Po-198

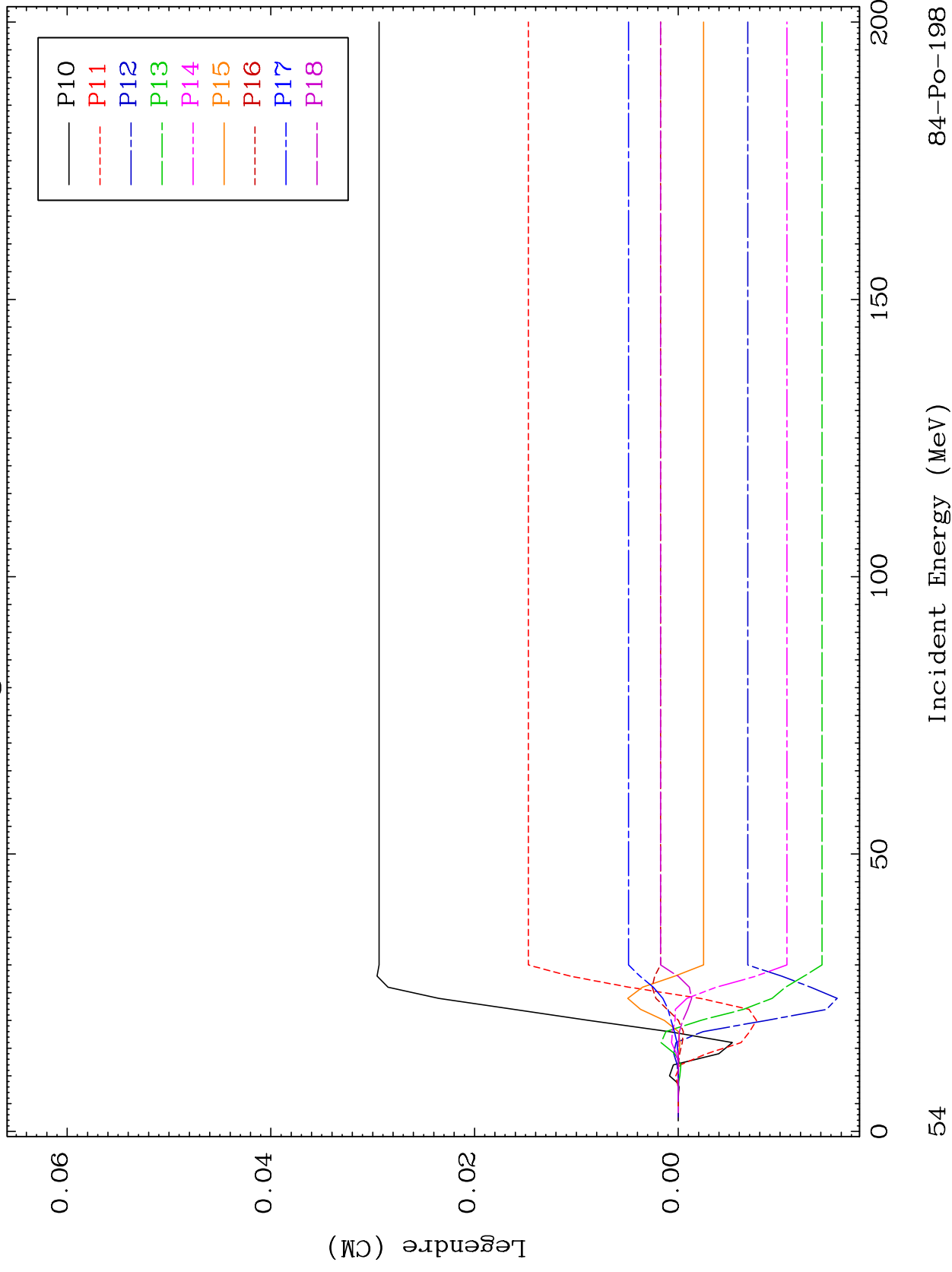
Incident Energy (MeV)

53

MAT 8401

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

84-Po-198



84-Po-198

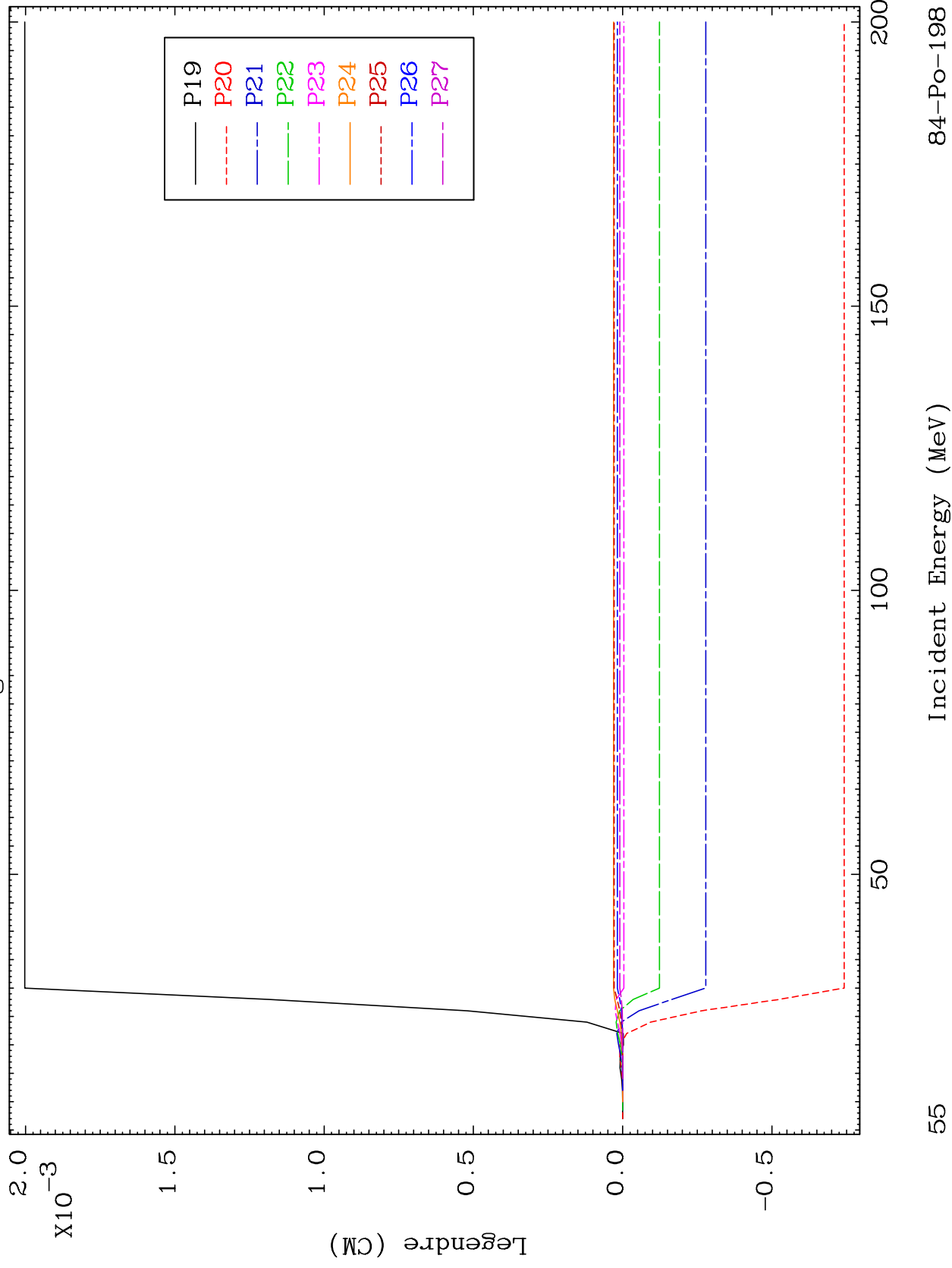
Incident Energy (MeV)

54

MAT 8401

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

84-Po-198



55

Incident Energy (MeV)

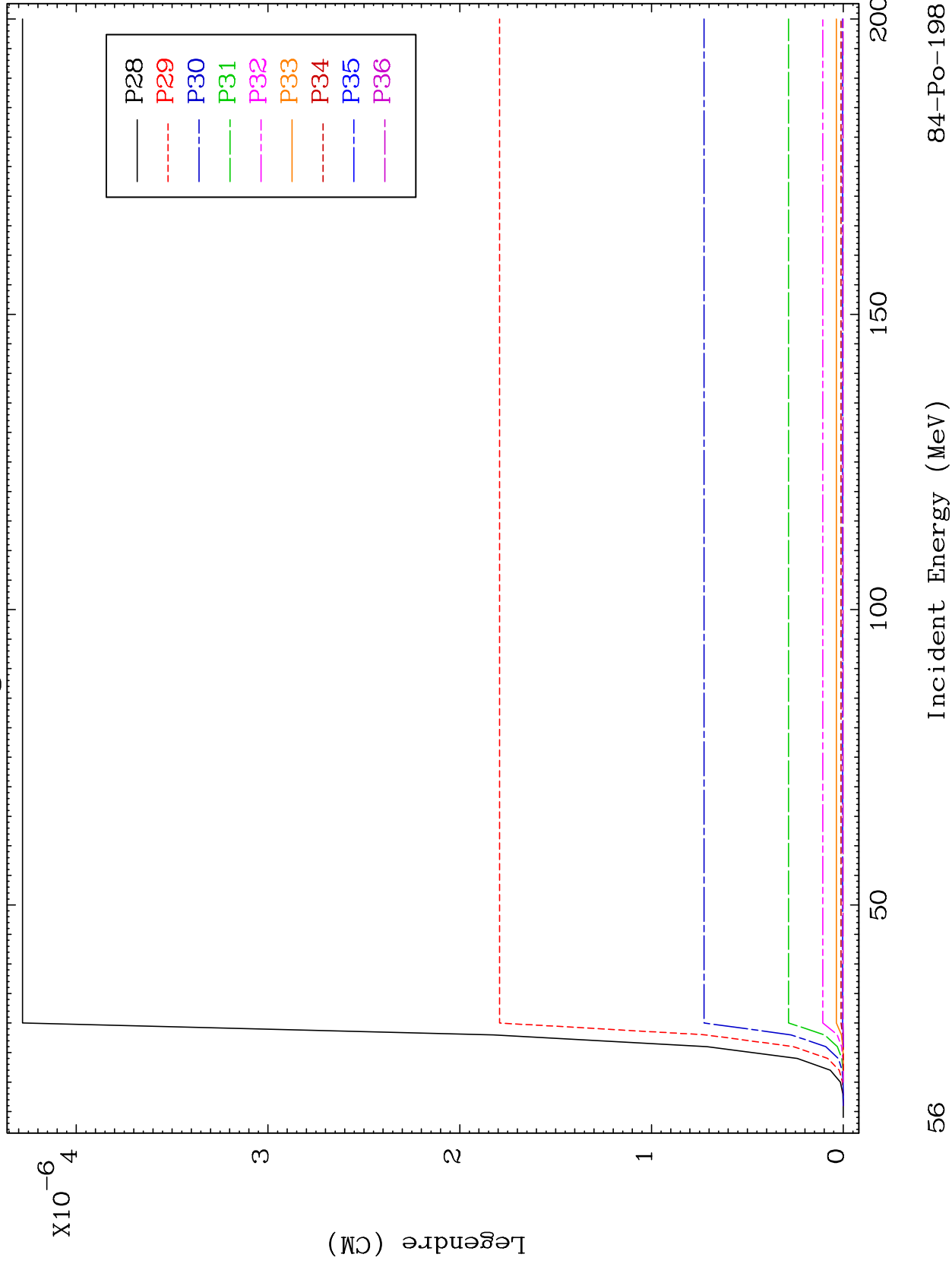
84-Po-198



MAT 8401

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

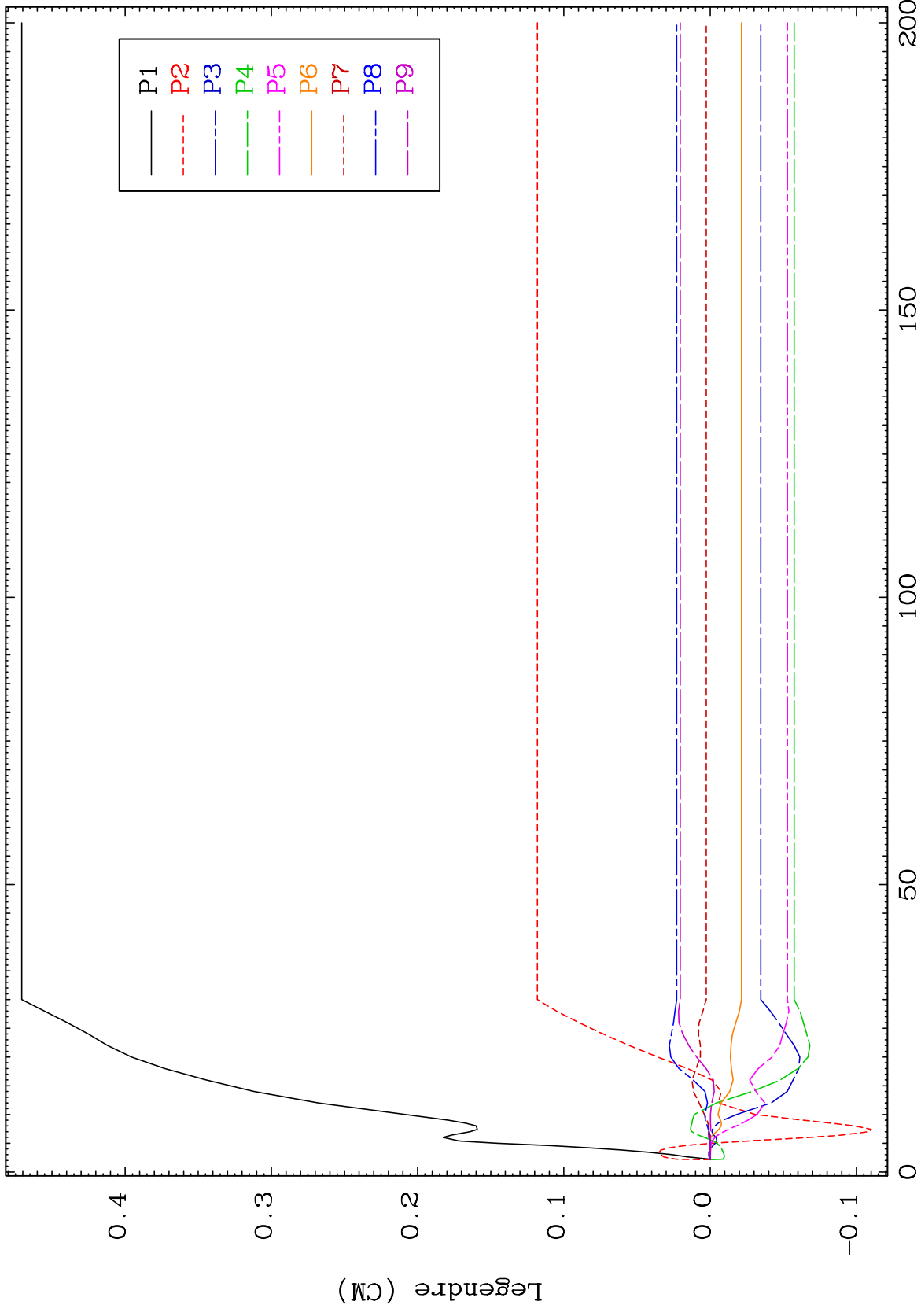
84-Po-198



MAT 8401

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

84-Po-198



57

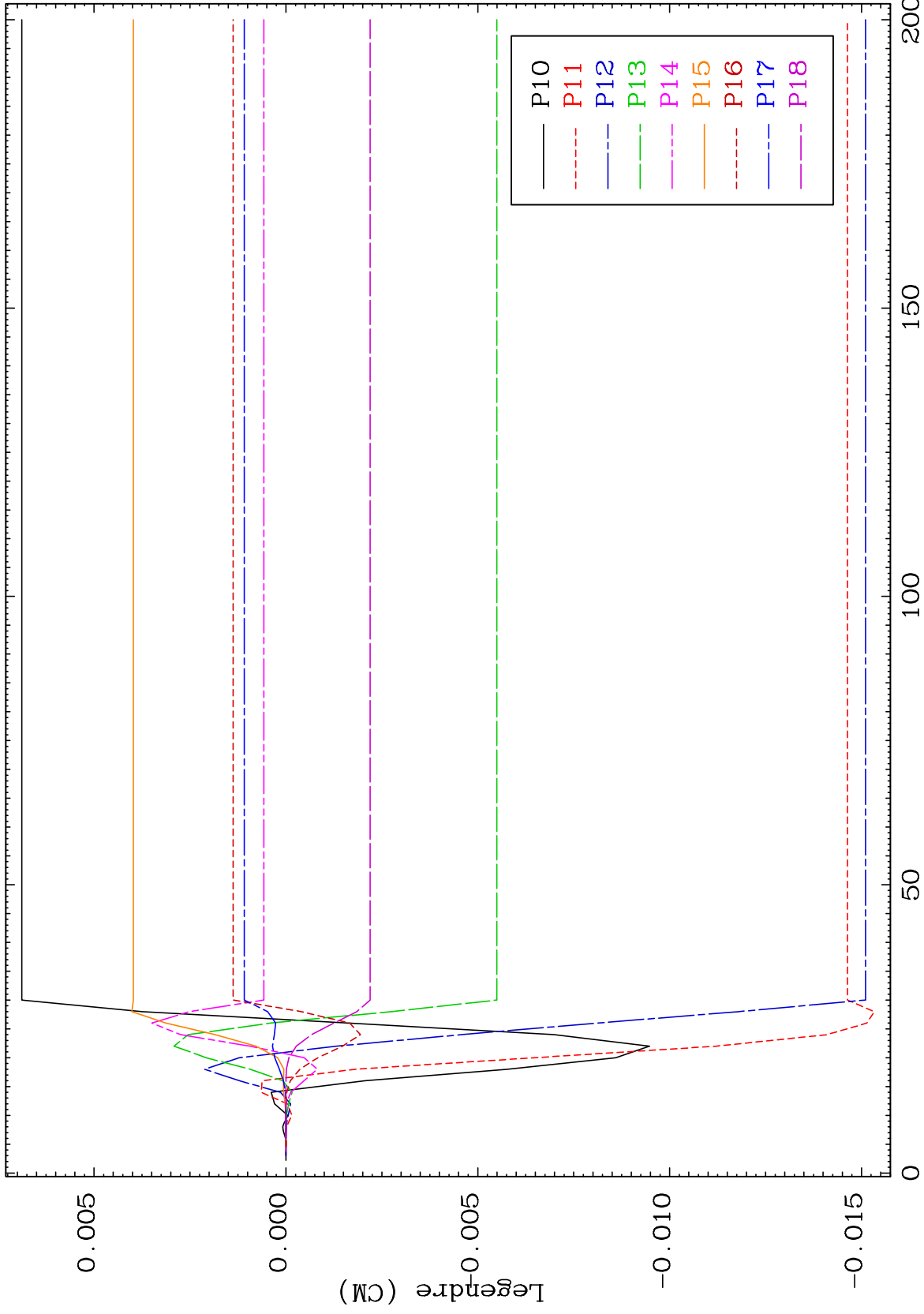
Incident Energy (MeV)

84-Po-198

MAT 8401

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

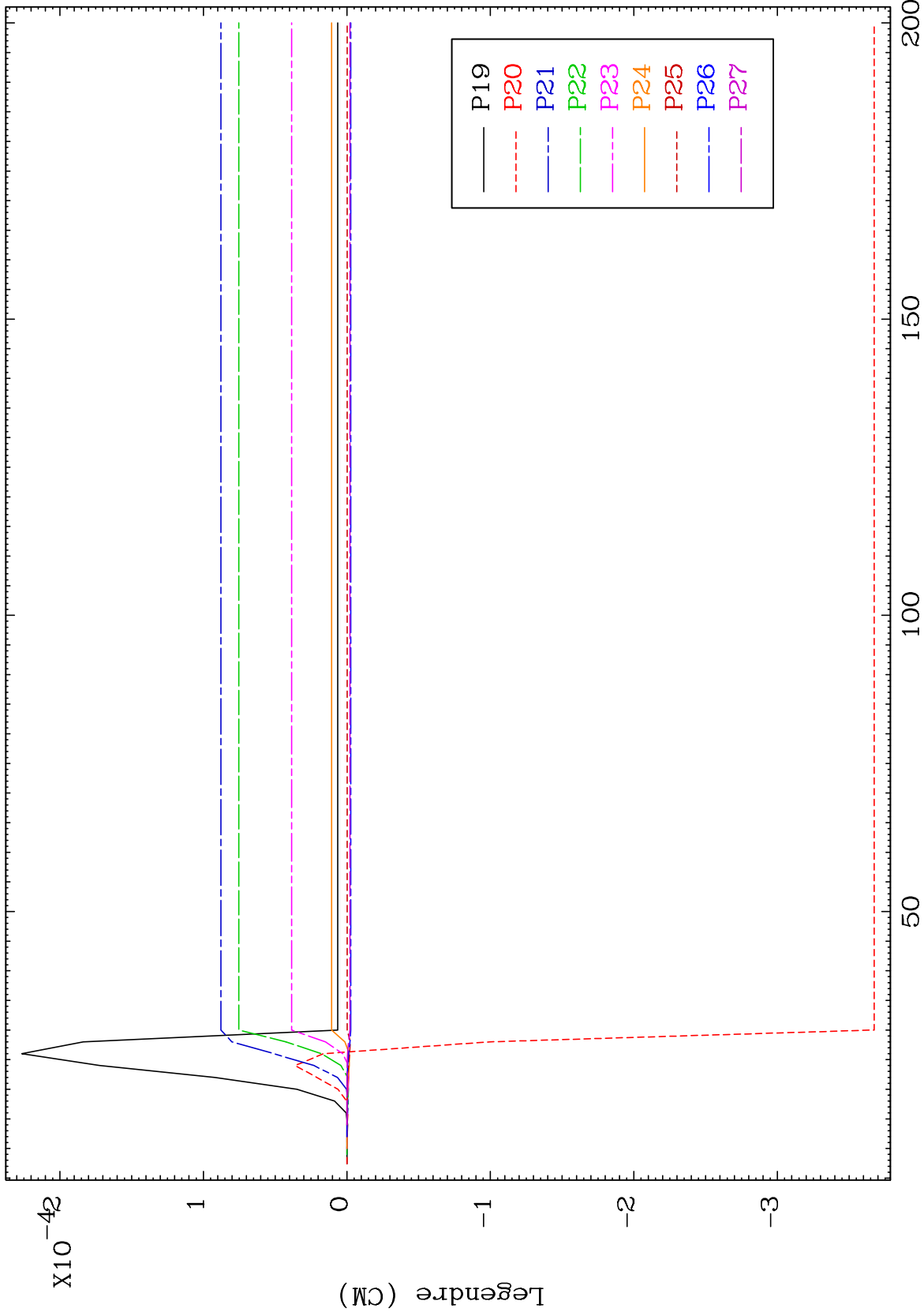
84-Po-198



58

Incident Energy (MeV)

84-Po-198

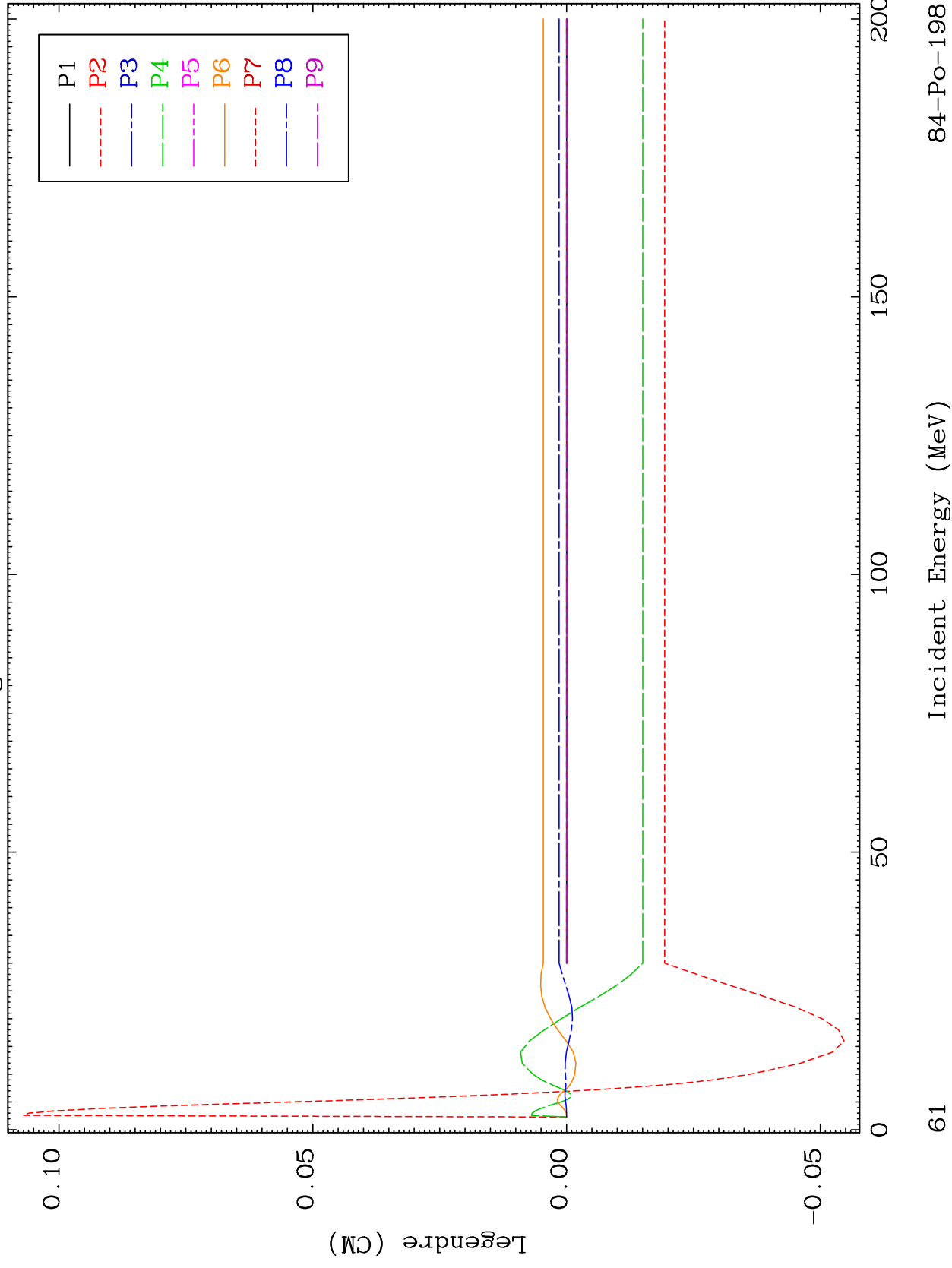




MAT 8401

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

84-Po-198



61

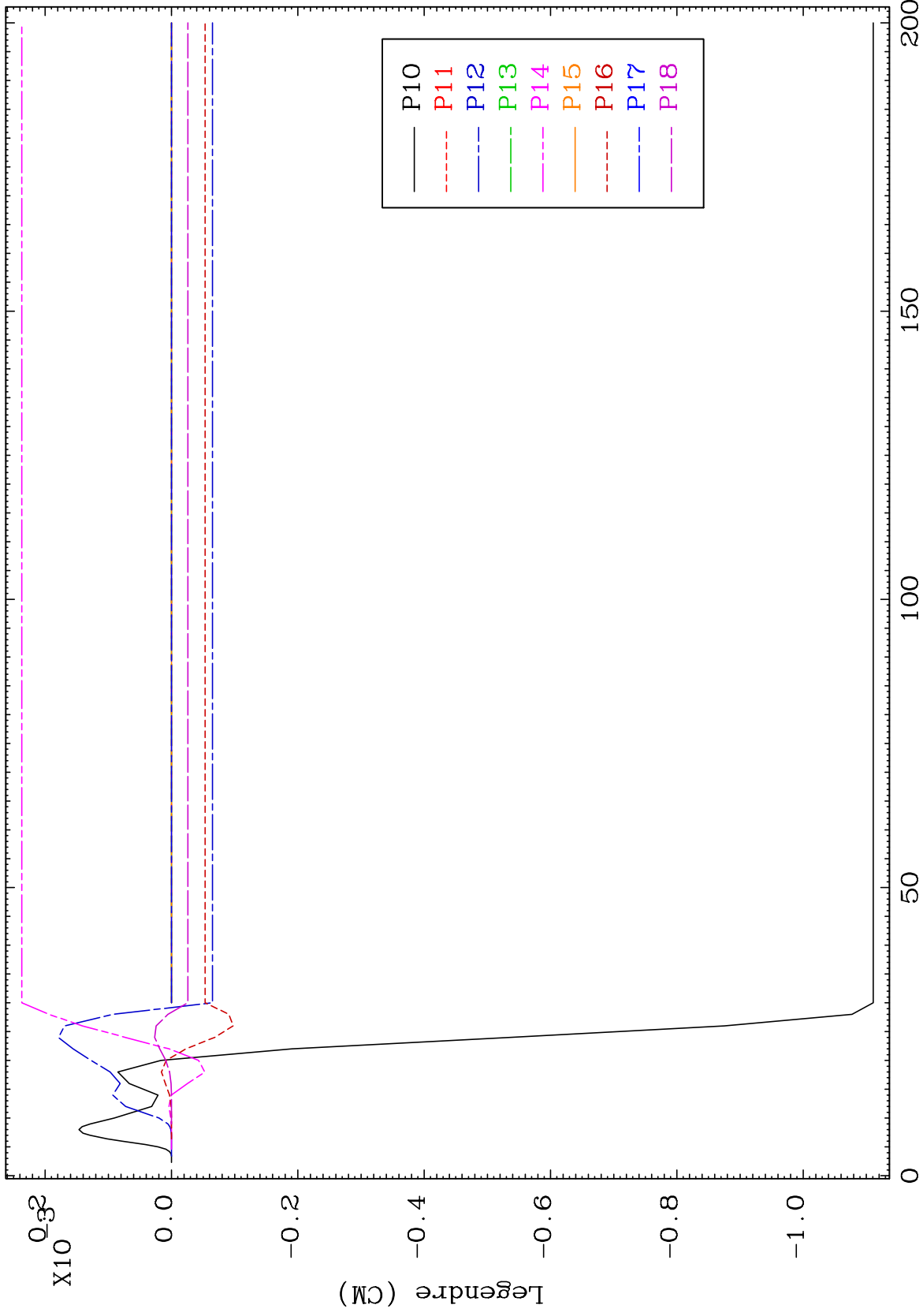
Incident Energy (MeV)

84-Po-198

MAT 8401

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

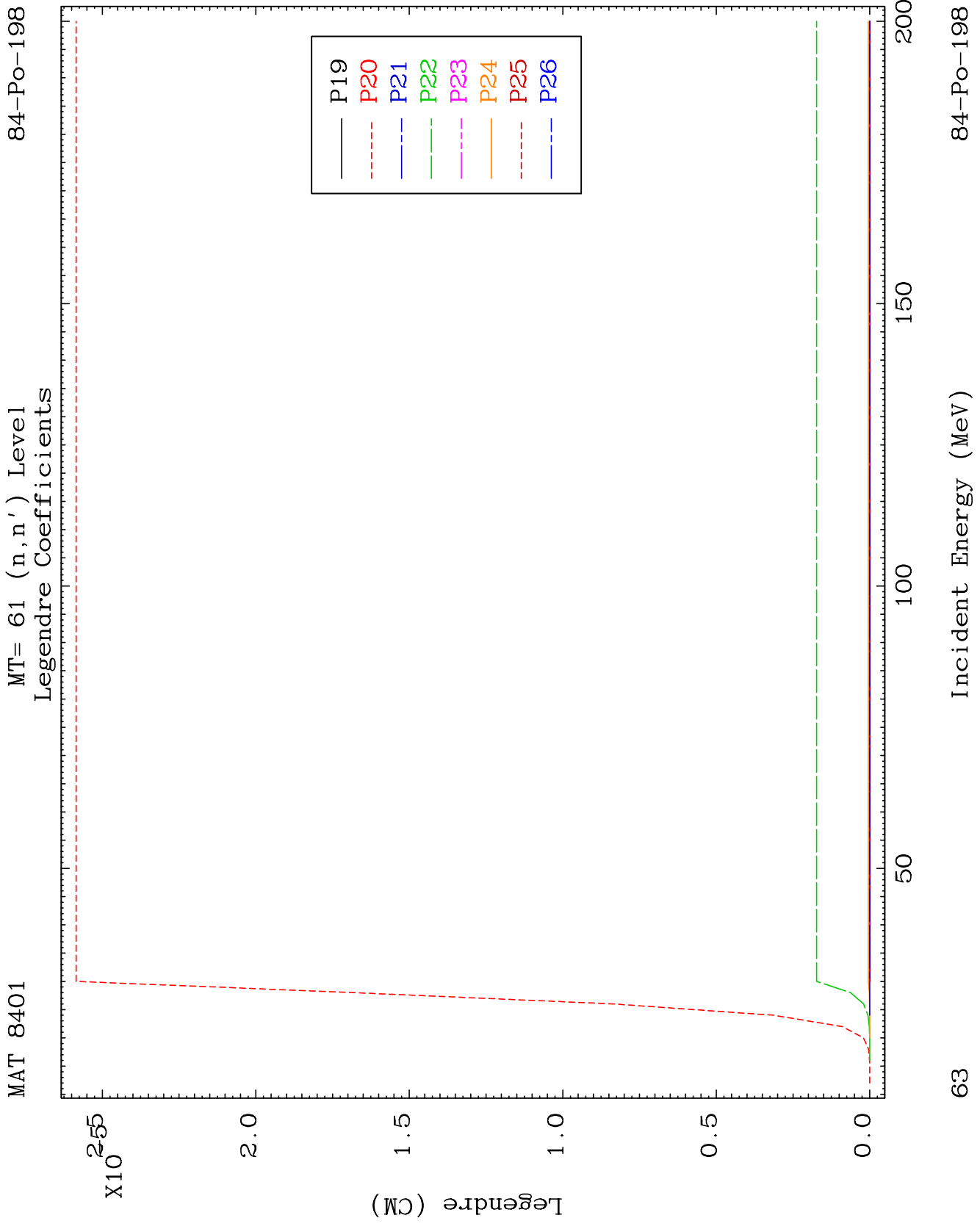
84-Po-198



62

Incident Energy (MeV)

84-Po-198

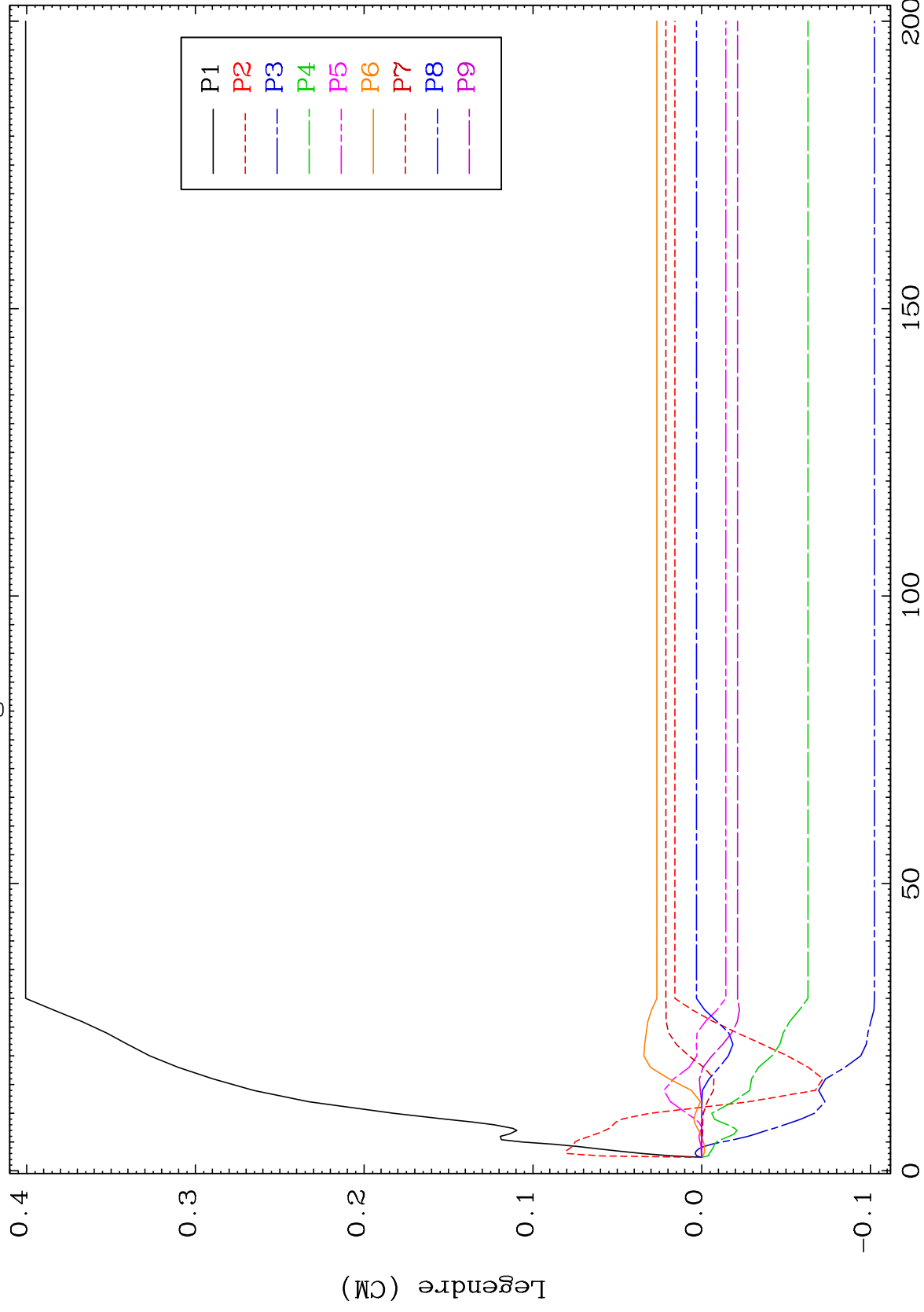




MAT 8401

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

84-Po-198



64

Incident Energy (MeV)

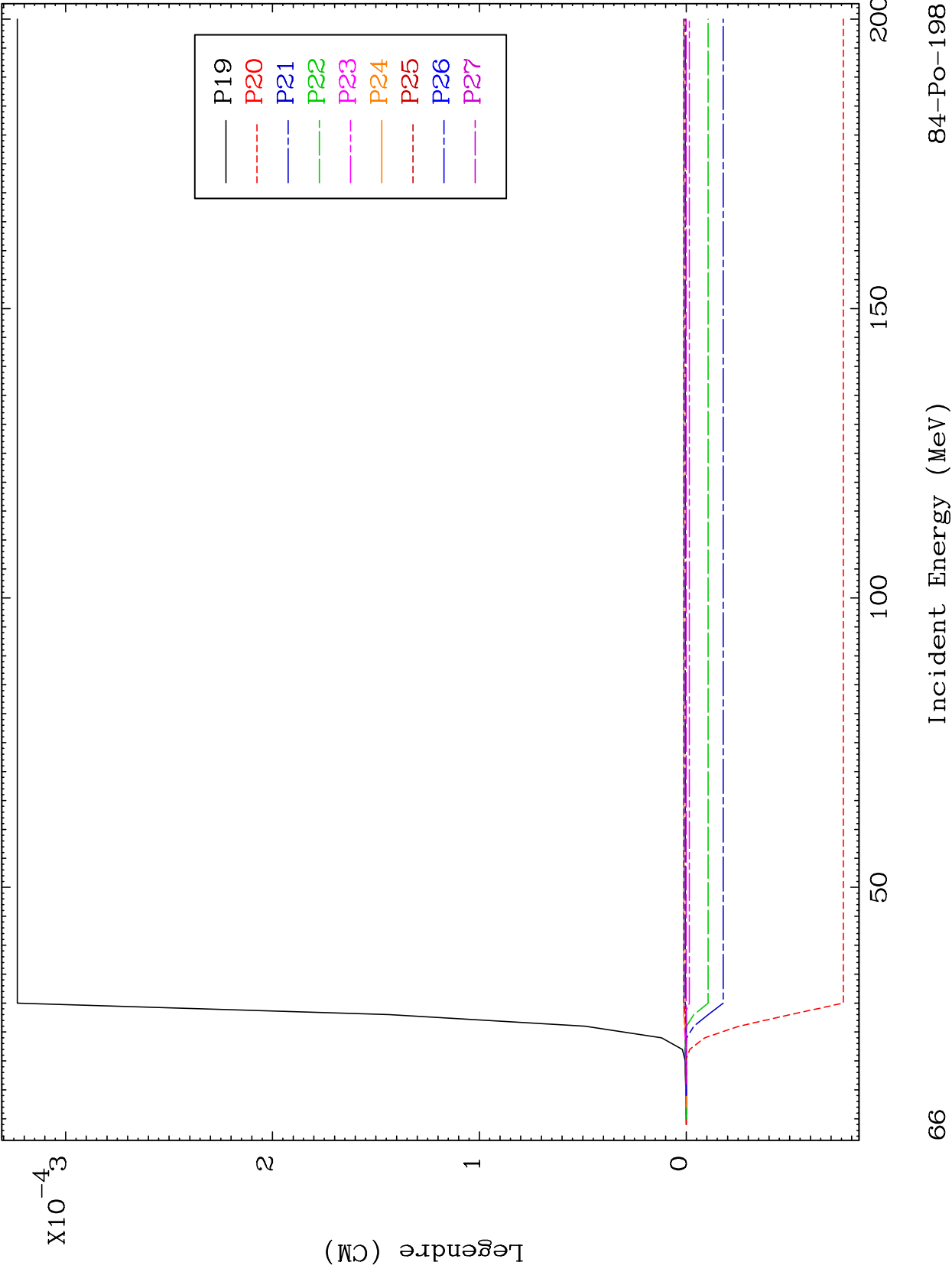
84-Po-198



MAT 8401

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

84-Po-198



66

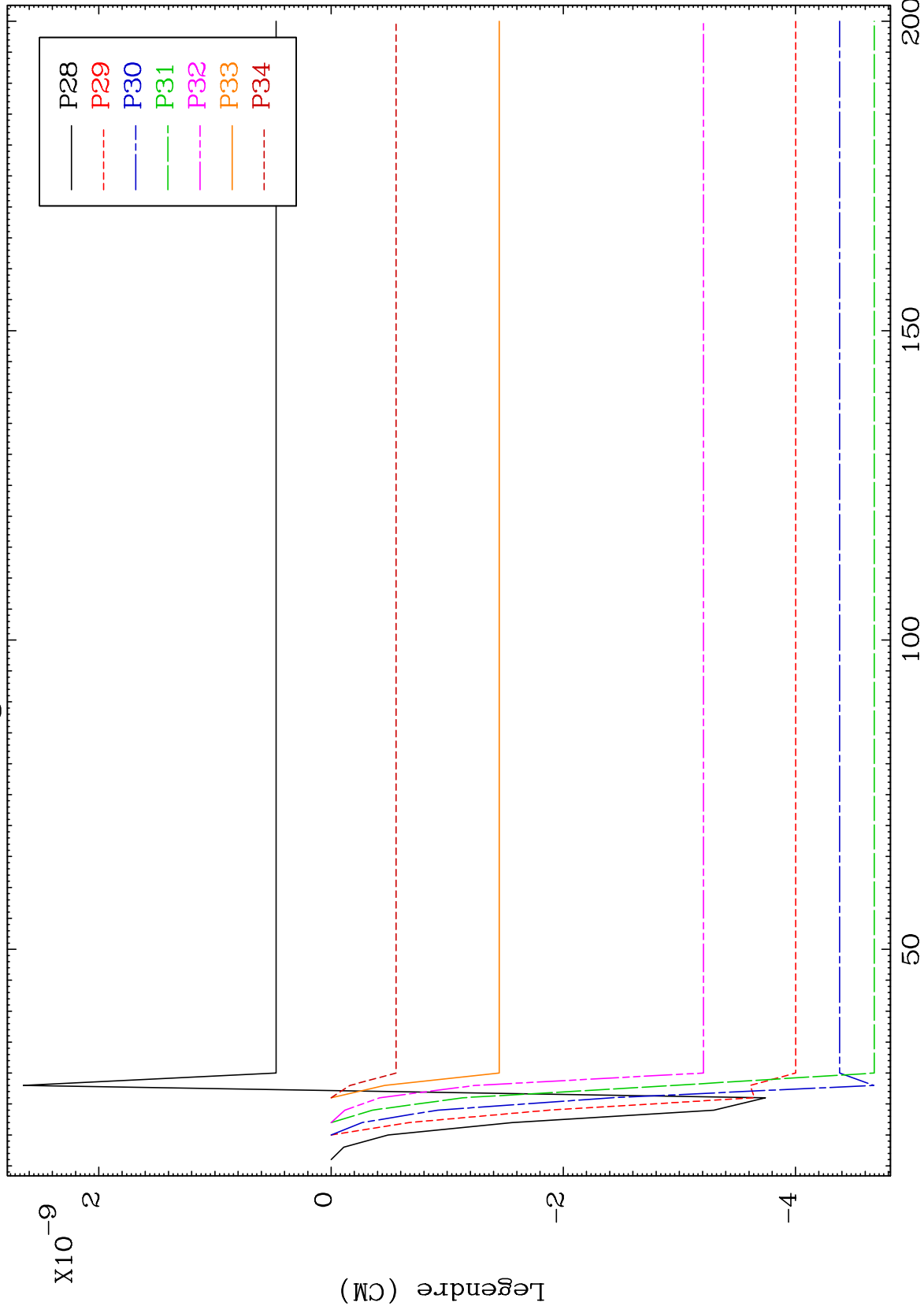
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



67

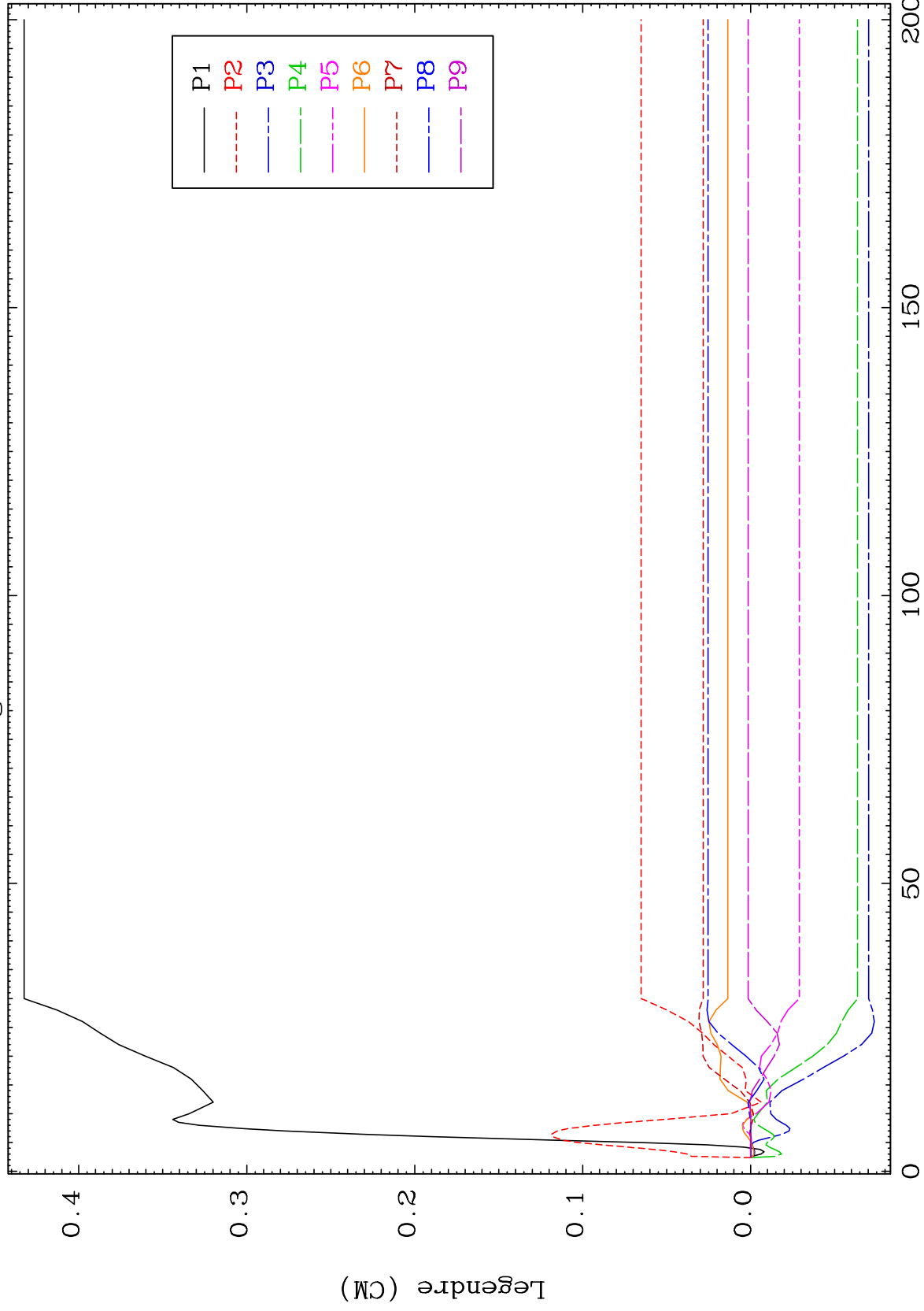
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



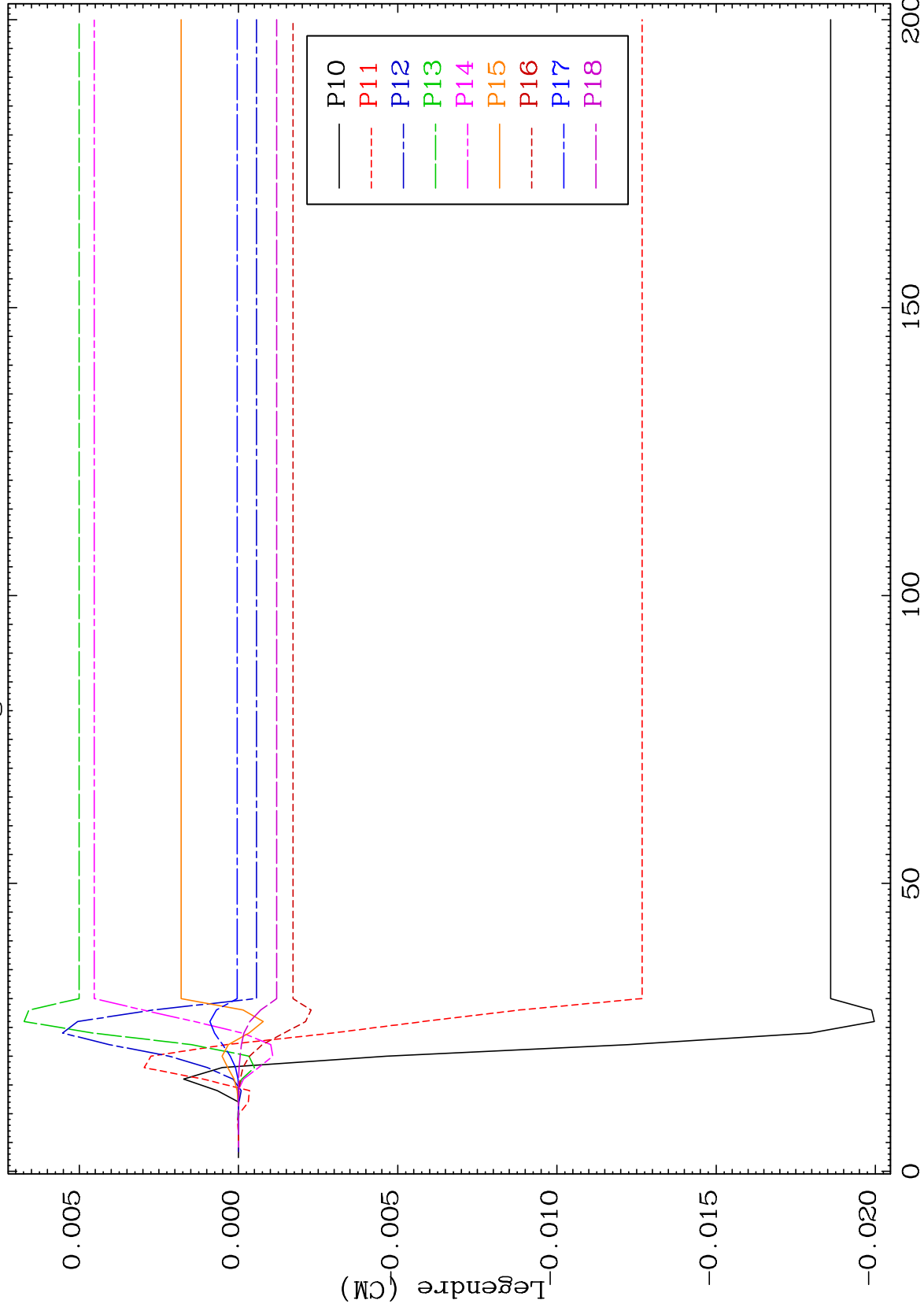
68

84-Po-198

MAT 8401

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

84-Po-198



69

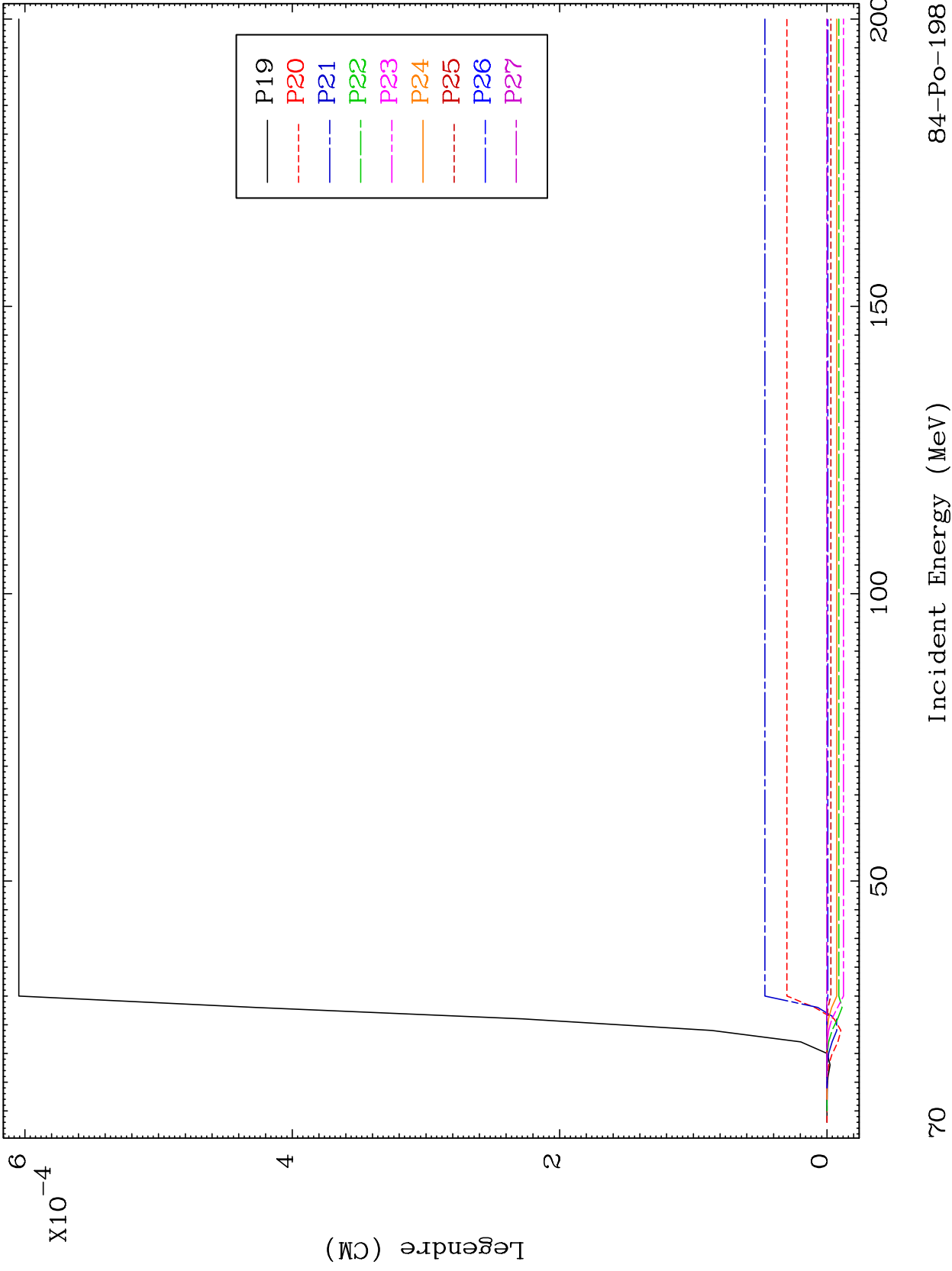
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



70

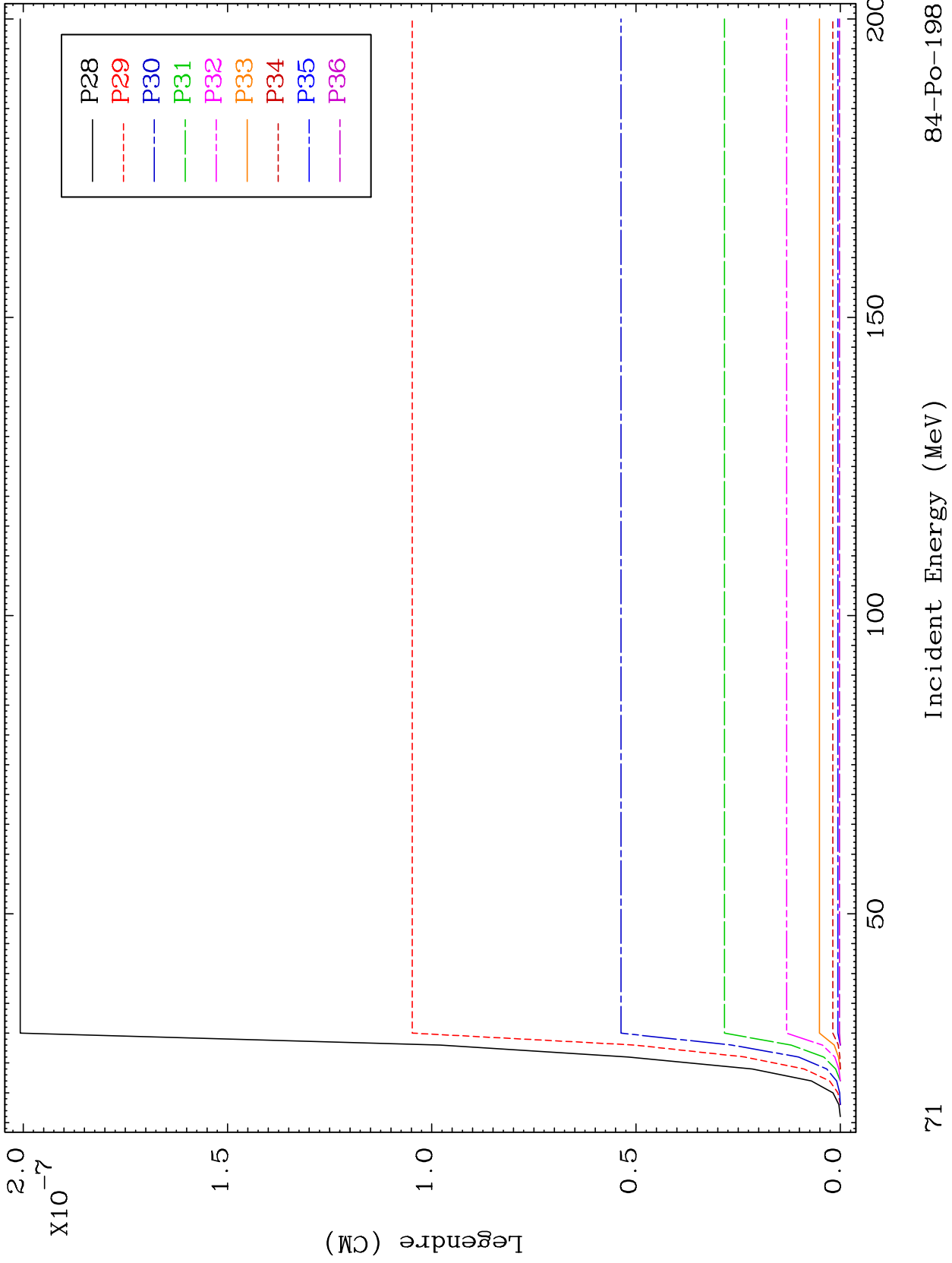
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198

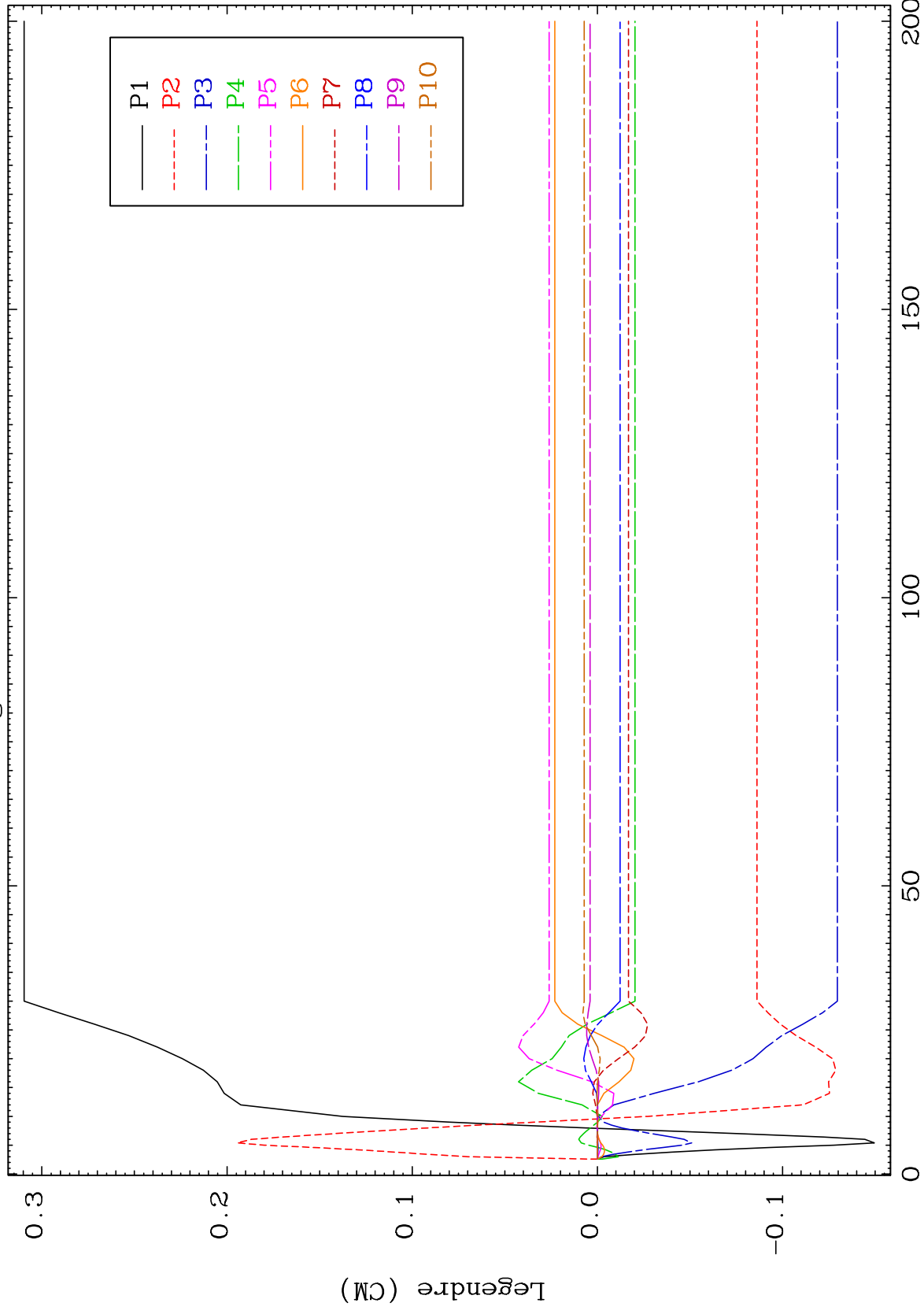




MAT 8401

MT= 64 (n,n') Level  
Legendre Coefficients

84-Po-198



72

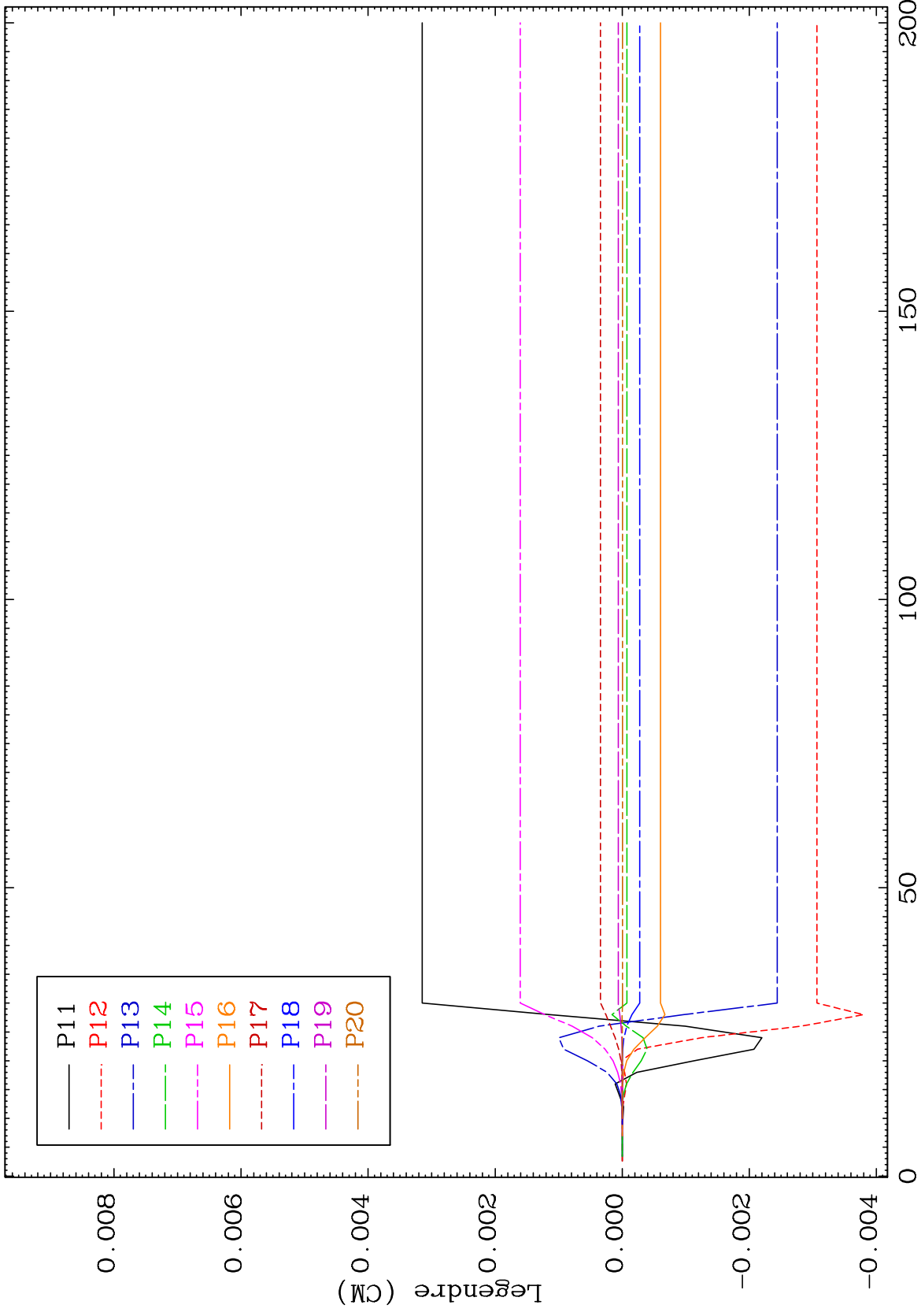
Incident Energy (MeV)

84-Po-198

MAT 8401

MT= 64 (n,n') Level  
Legendre Coefficients

84-Po-198



73

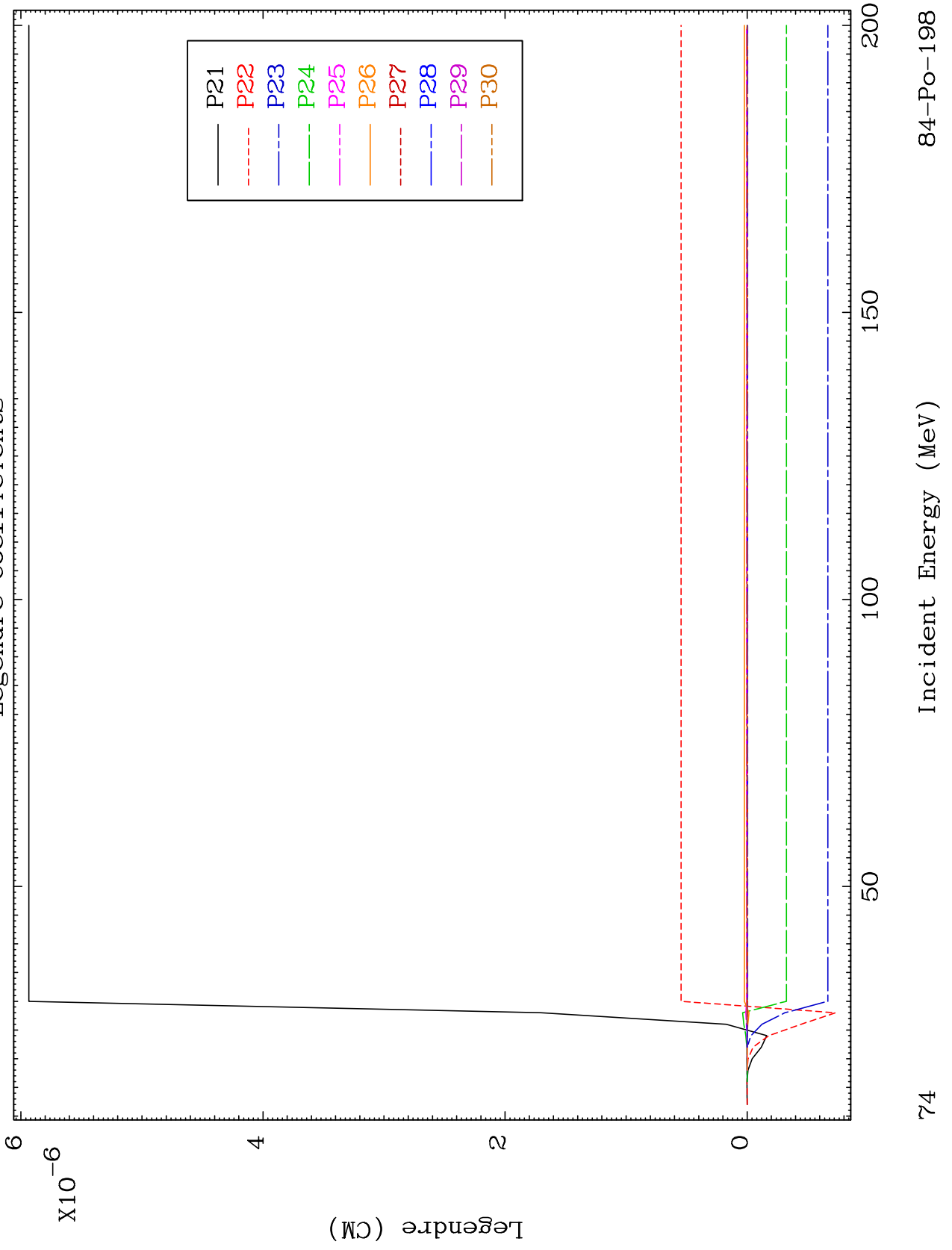
Incident Energy (MeV)

84-Po-198

MAT 8401

MT= 64 (n,n') Level  
Legendre Coefficients

84-Po-198



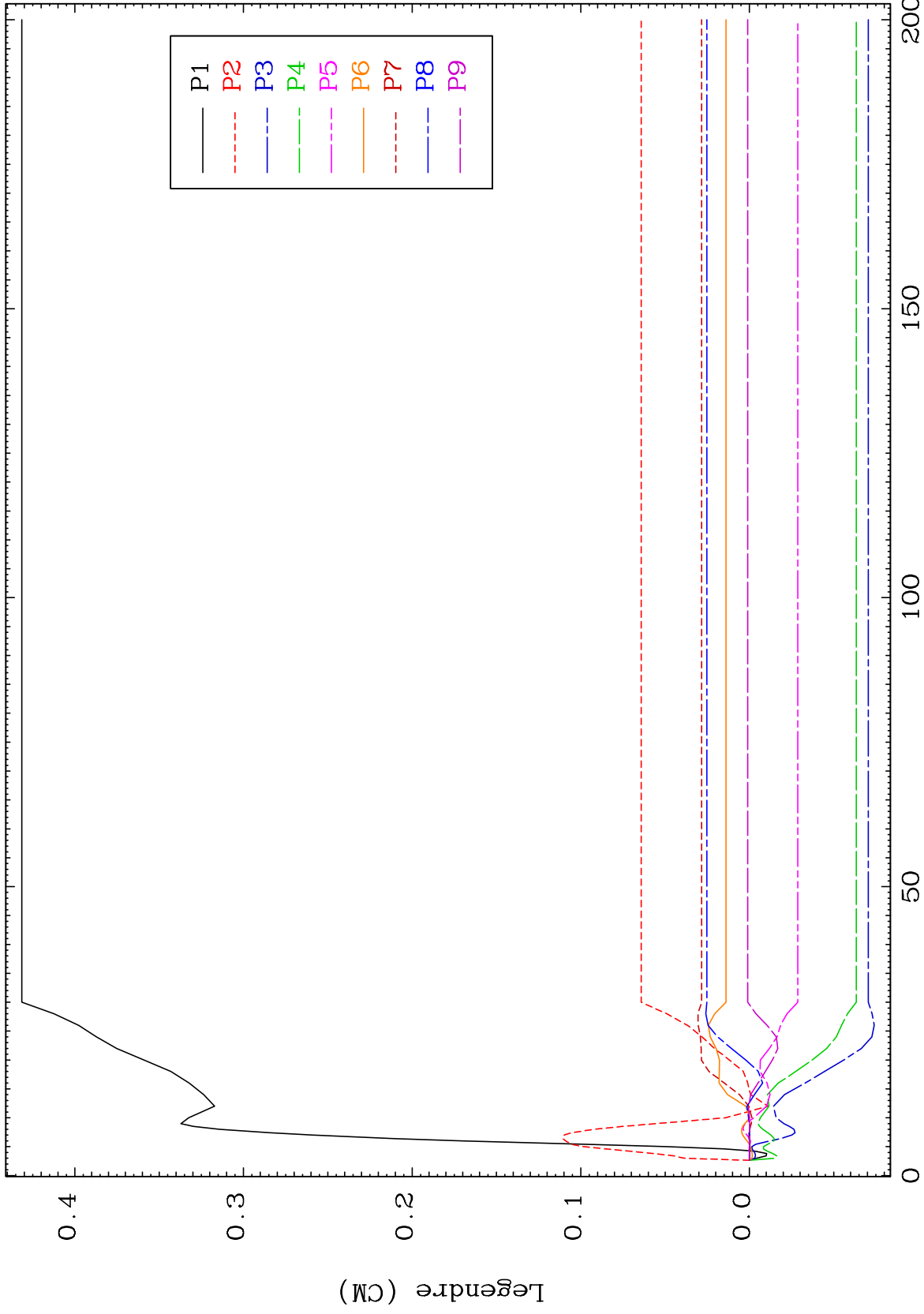
74

84-Po-198

MAT 8401

MT= 65 (n,n') Level  
Legendre Coefficients

84-Po-198



75

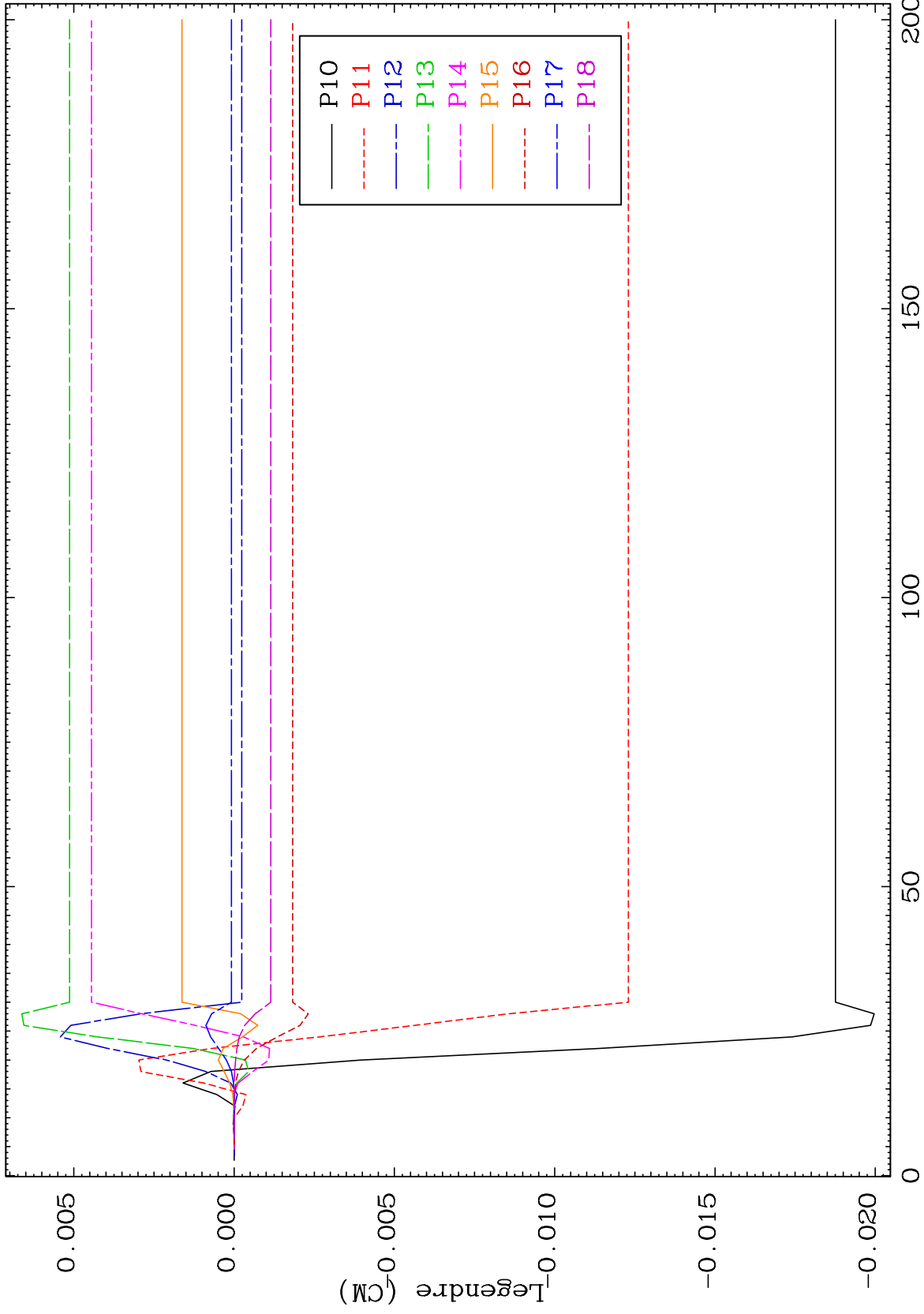
Incident Energy (MeV)

84-Po-198

MAT 8401

MT= 65 (n,n') Level  
Legendre Coefficients

84-Po-198



76

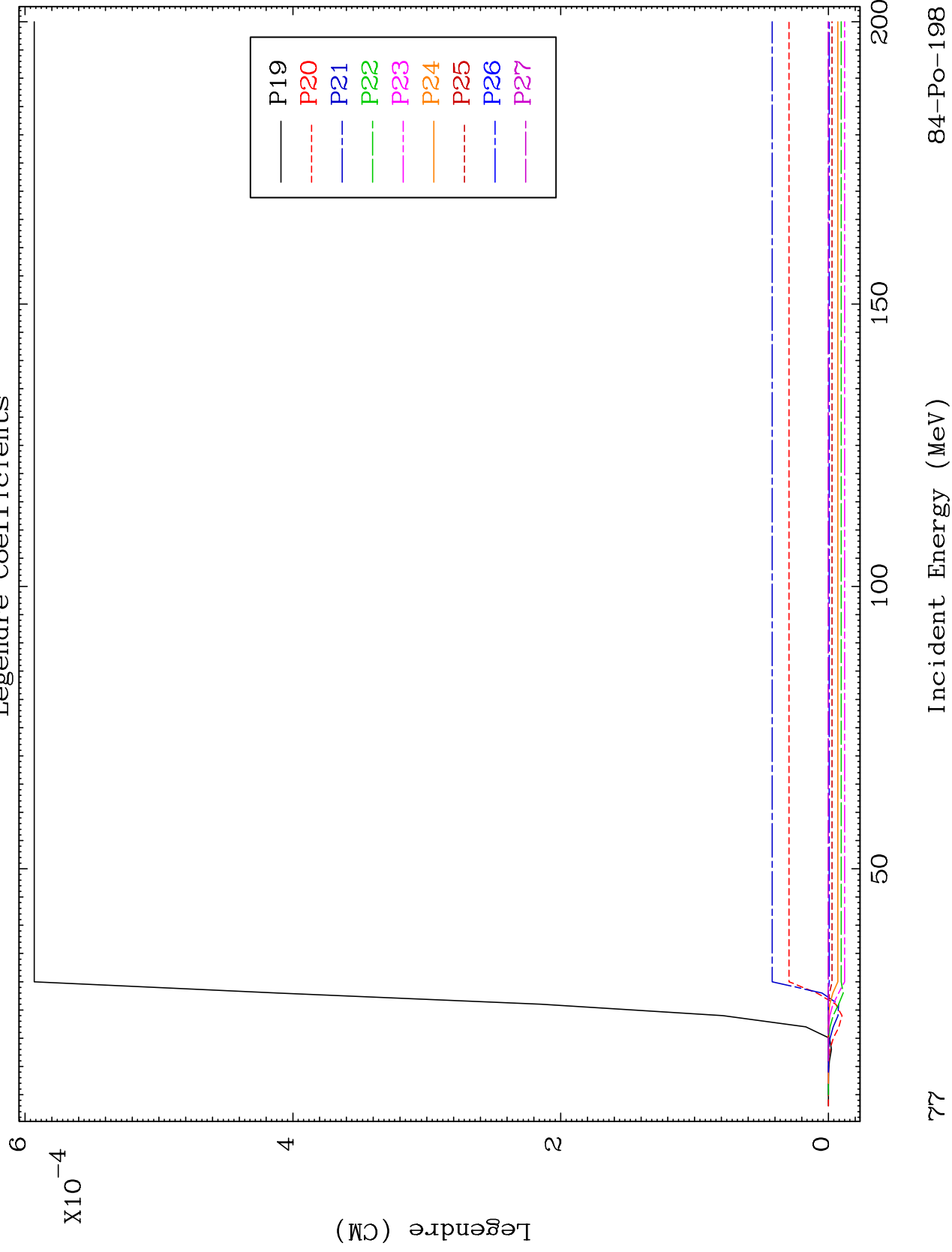
Incident Energy (MeV)

84-Po-198

MAT 8401

MT= 65 (n,n') Level  
Legendre Coefficients

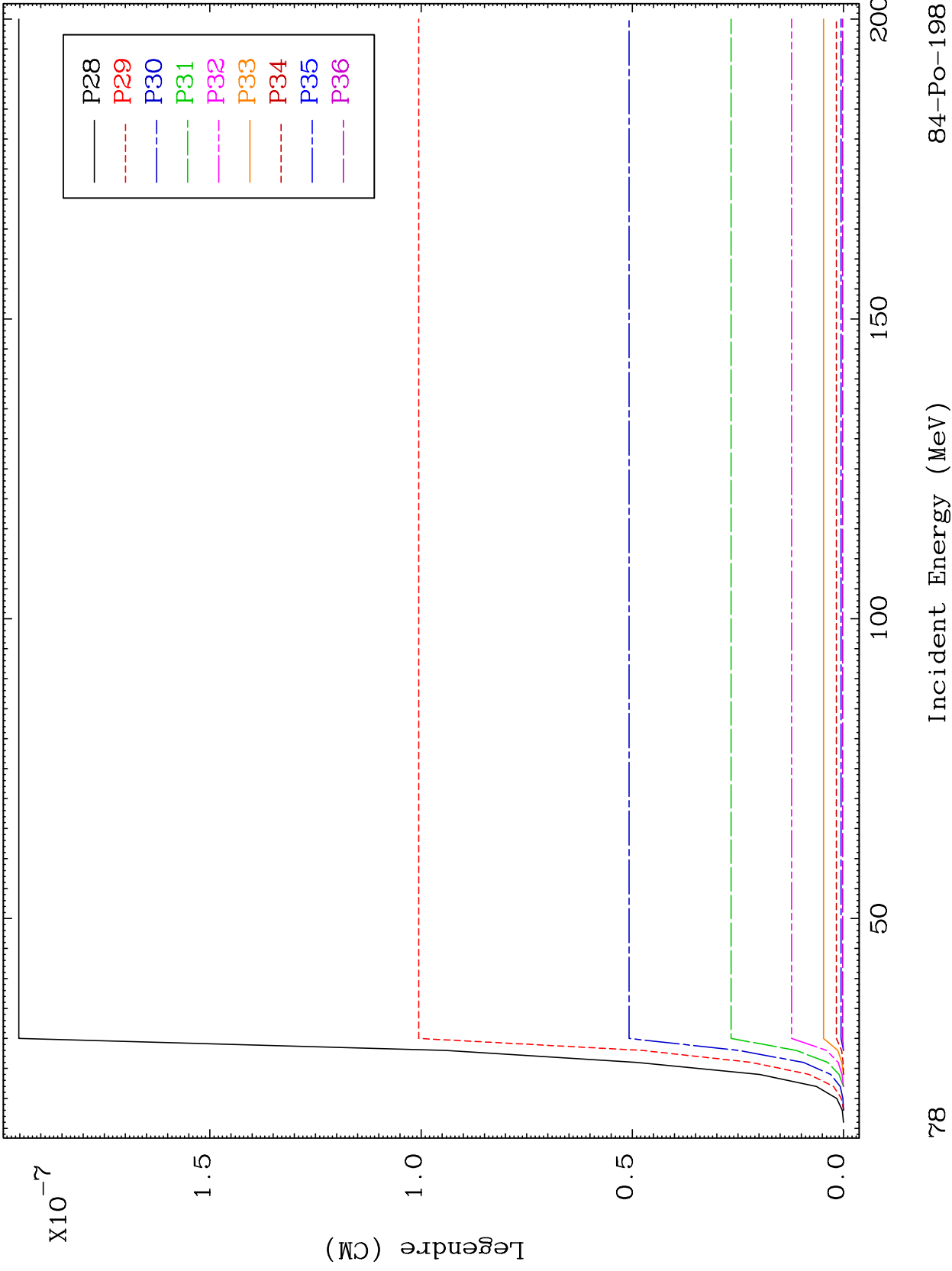
84-Po-198



MAT 8401

MT= 65 (n,n') Level  
Legendre Coefficients

84-Po-198



78

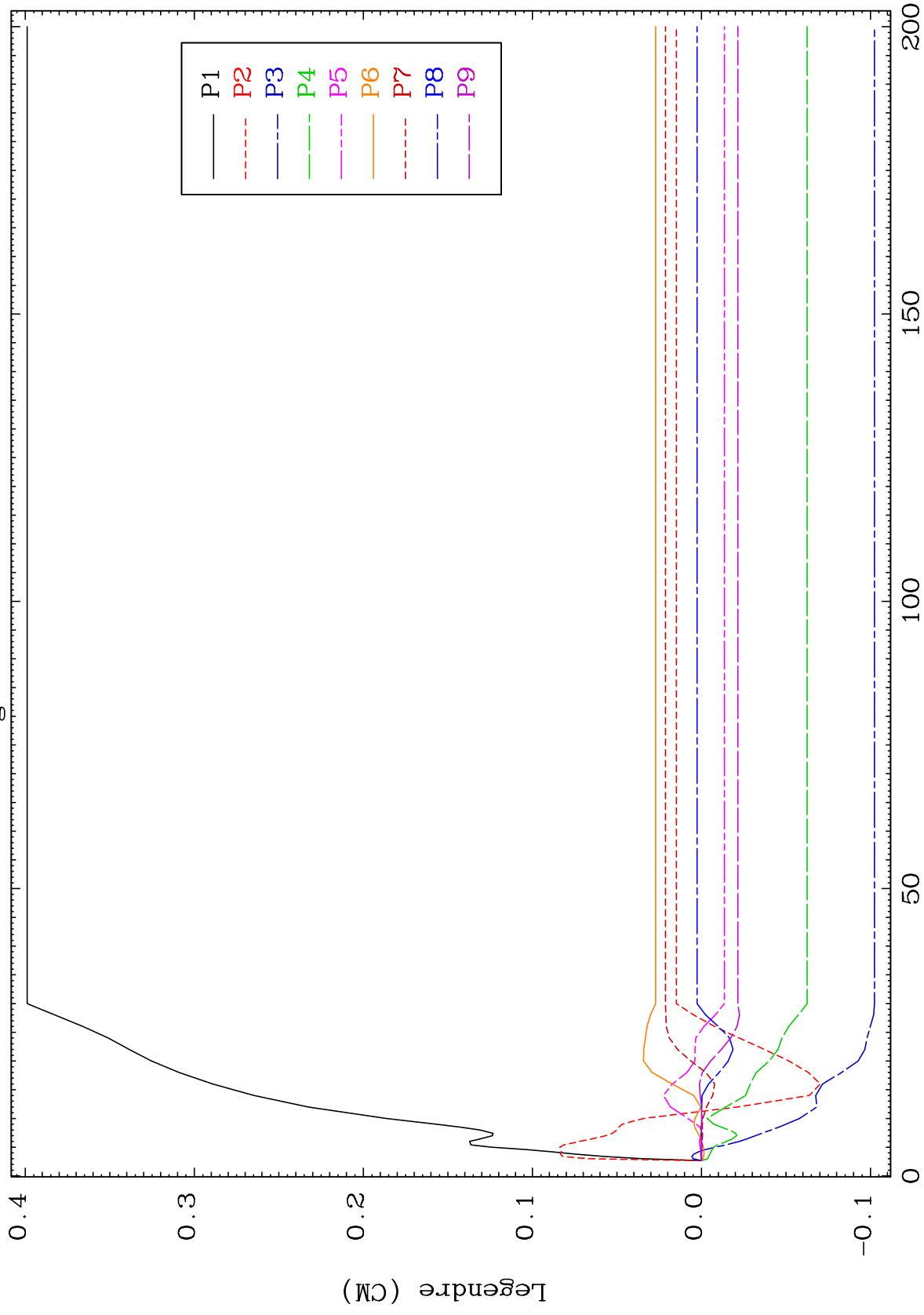
Incident Energy (MeV)

84-Po-198

MAT 8401

MT= 66 (n,n') Level  
Legendre Coefficients

84-Po-198



79

Incident Energy (MeV)

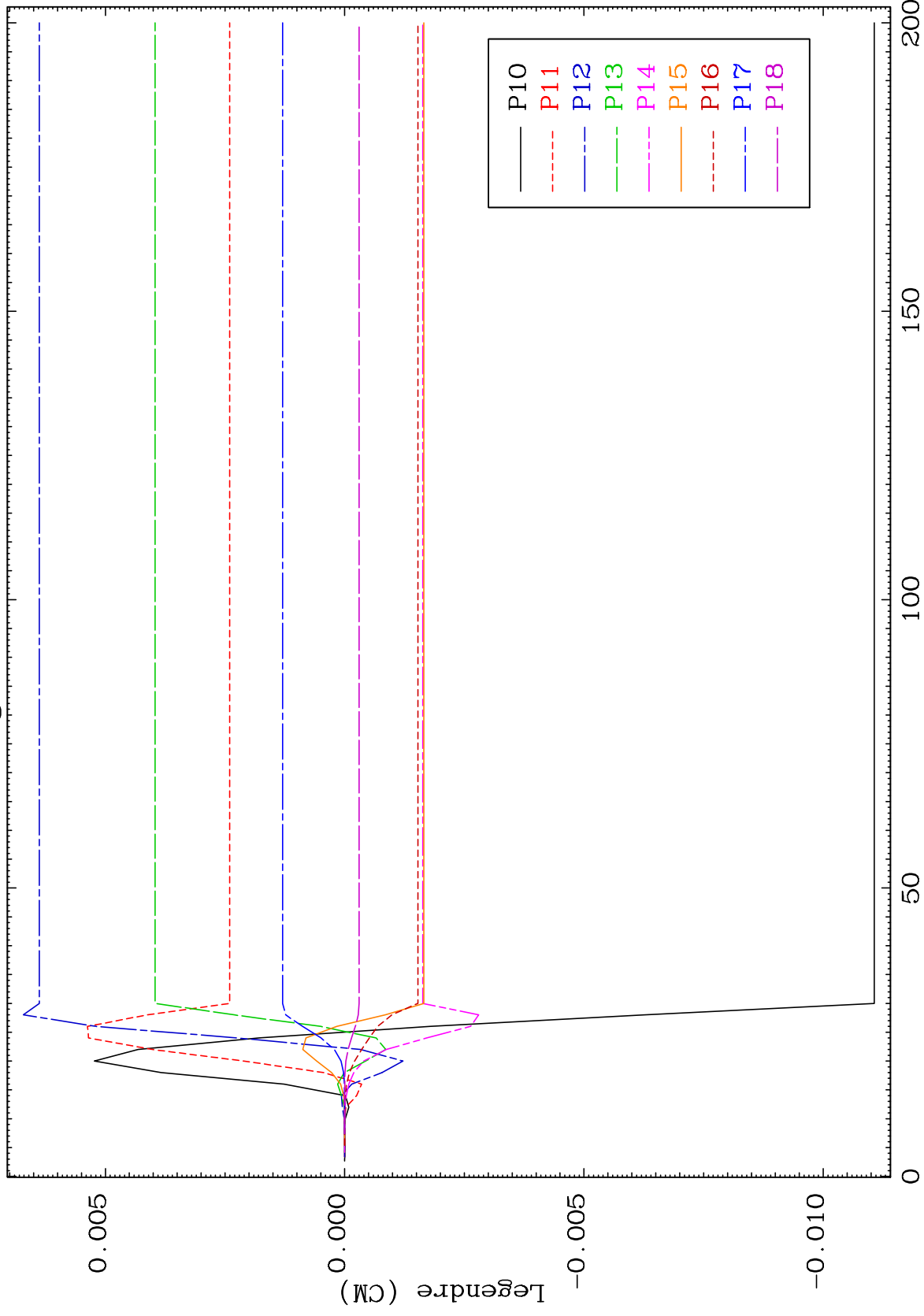
84-Po-198



MAT 8401

MT= 66 (n,n') Level  
Legendre Coefficients

84-Po-198



80

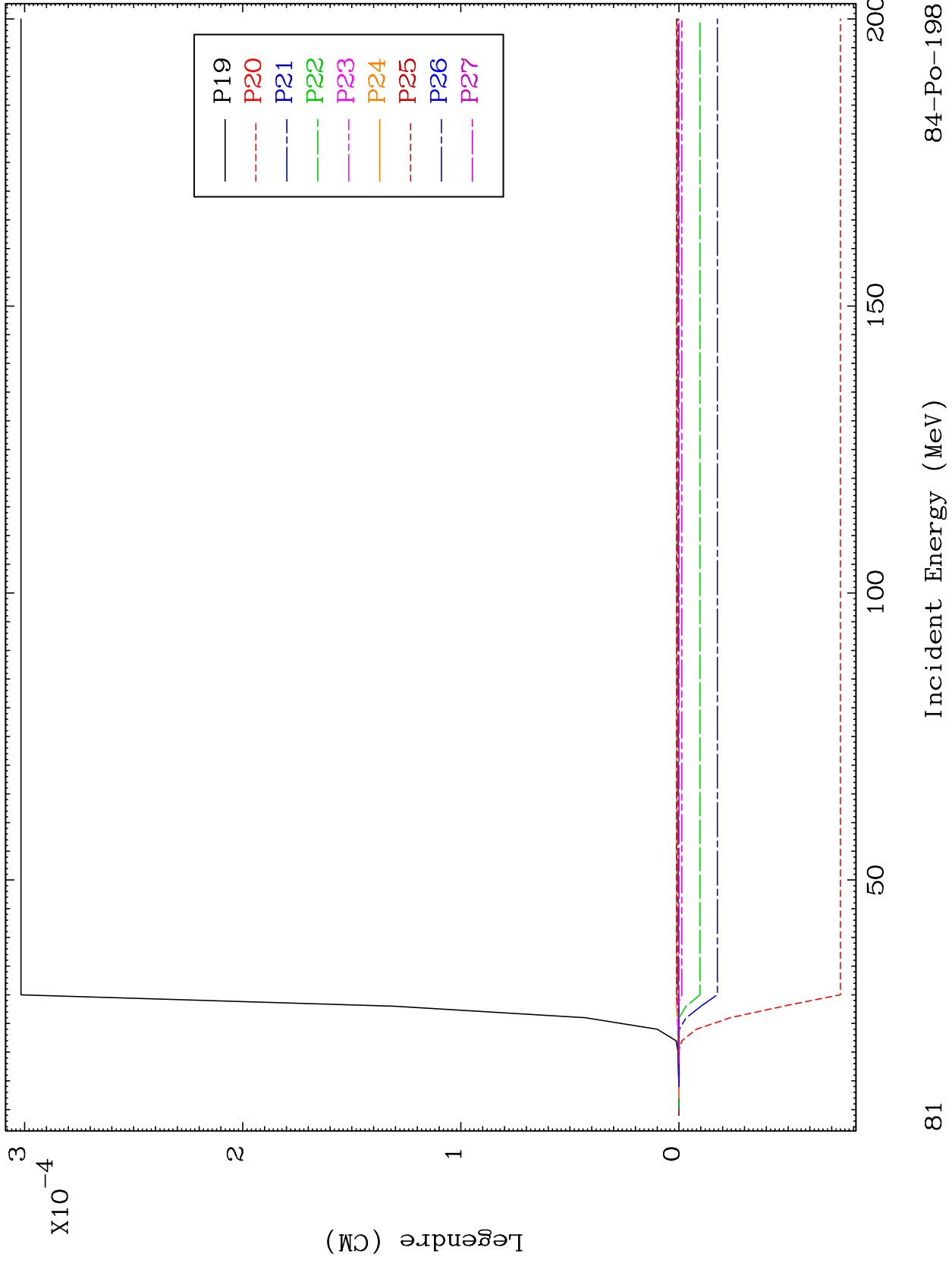
Incident Energy (MeV)

84-Po-198

MAT 8401

MT= 66 (n,n') Level  
Legendre Coefficients

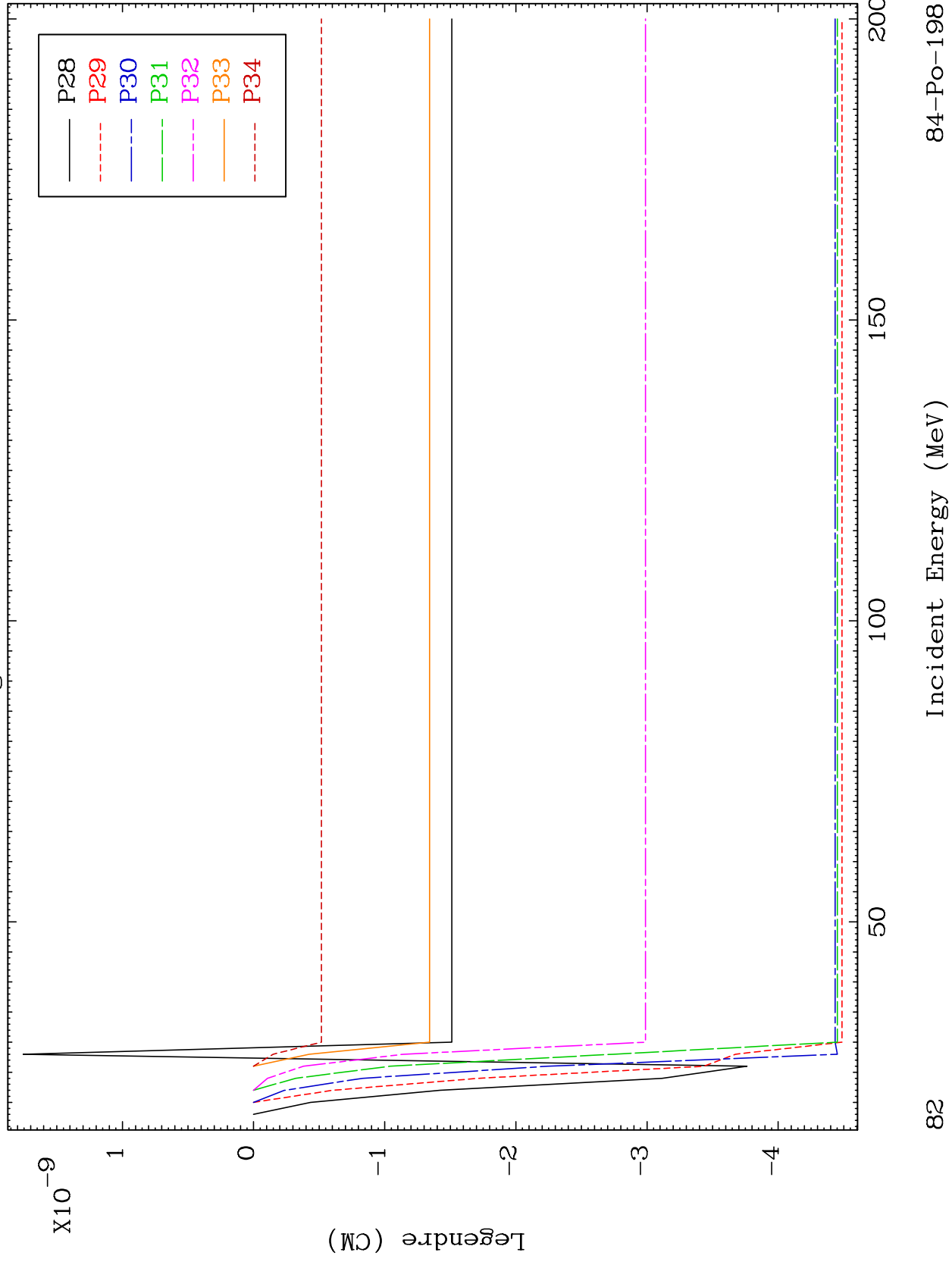
84-Po-198



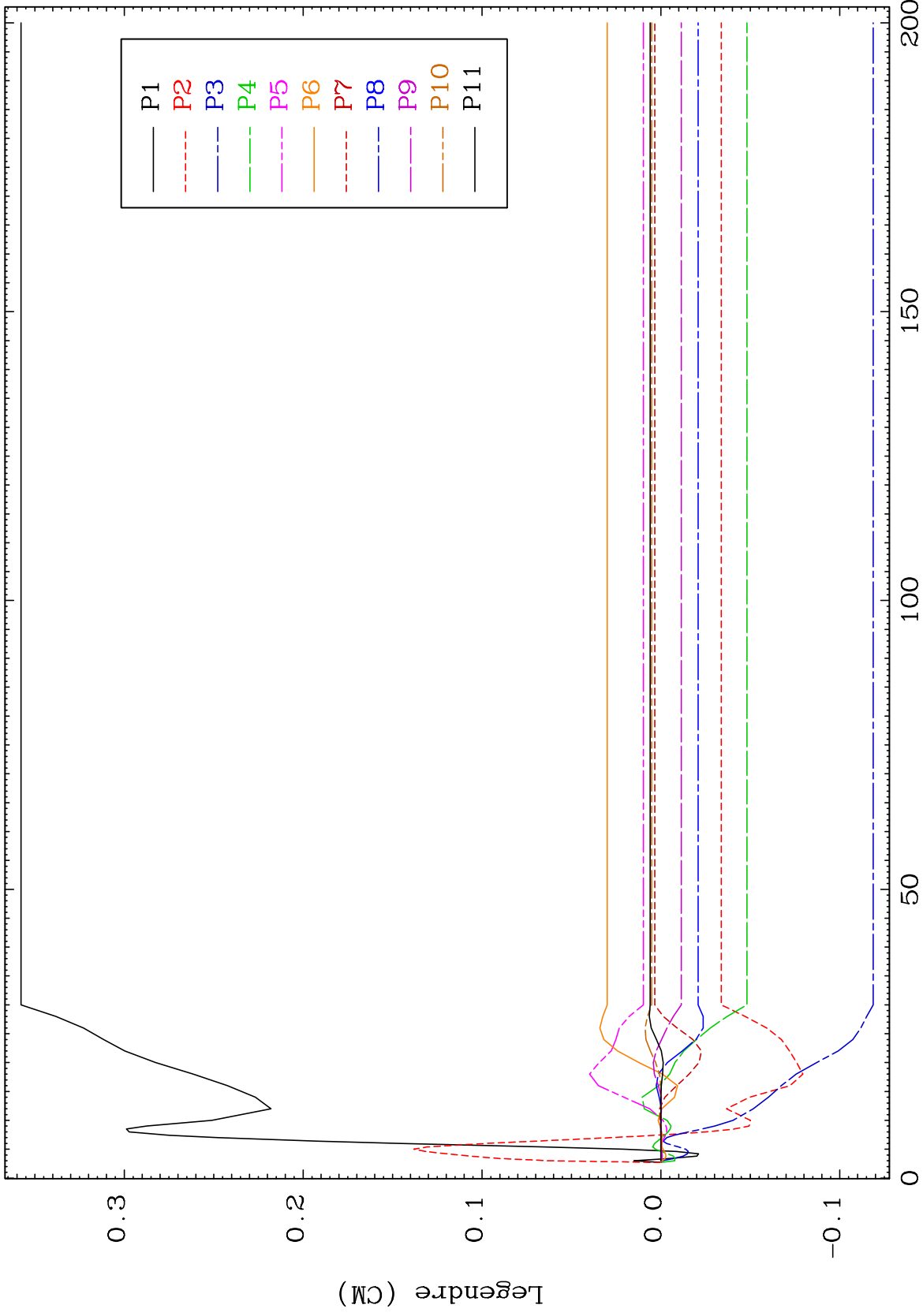
MAT 8401

MT= 66 (n,n') Level  
Legendre Coefficients

84-Po-198



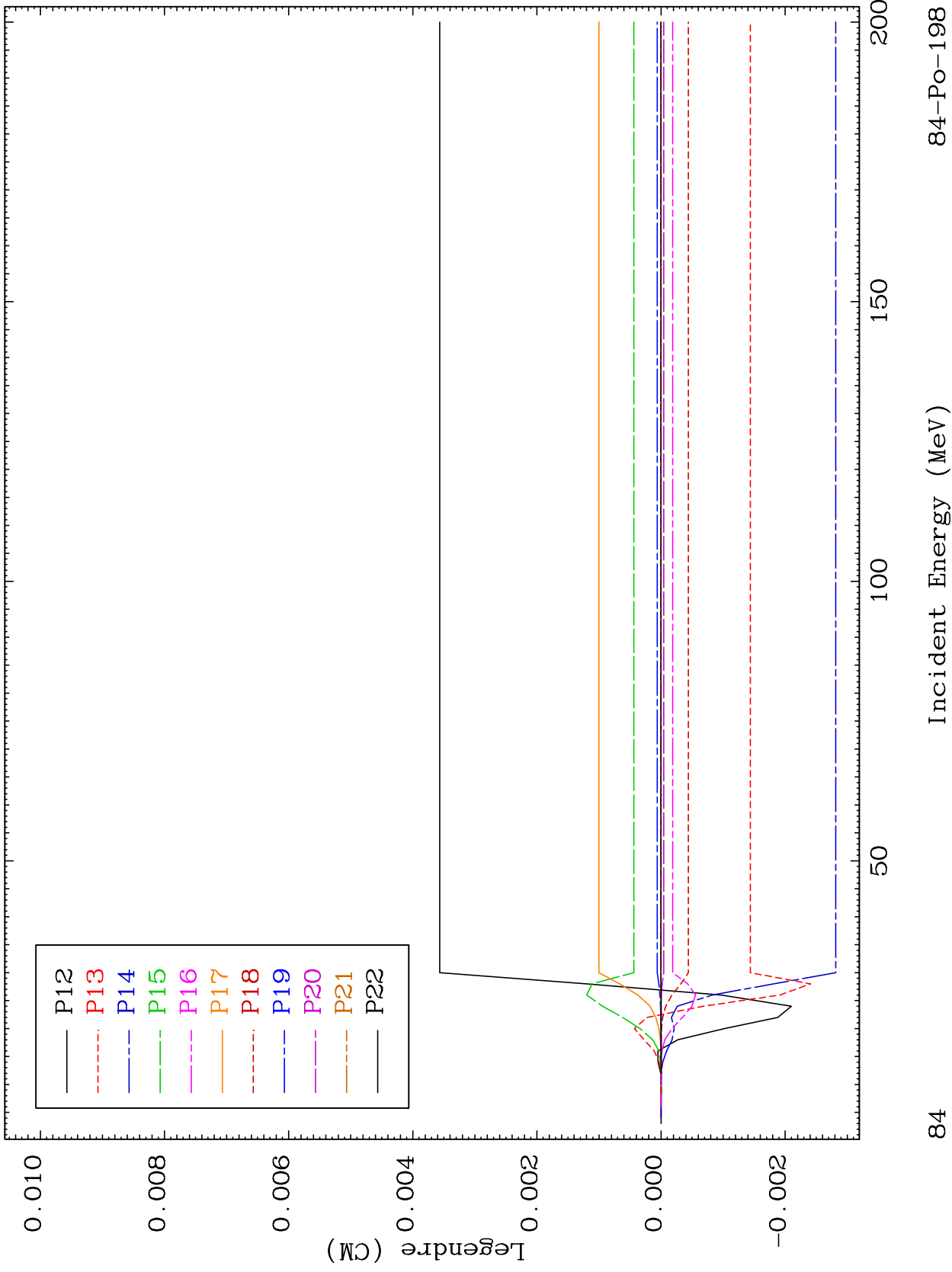
82



MAT 8401

MT= 67 (n,n') Level  
Legendre Coefficients

84-Po-198



84

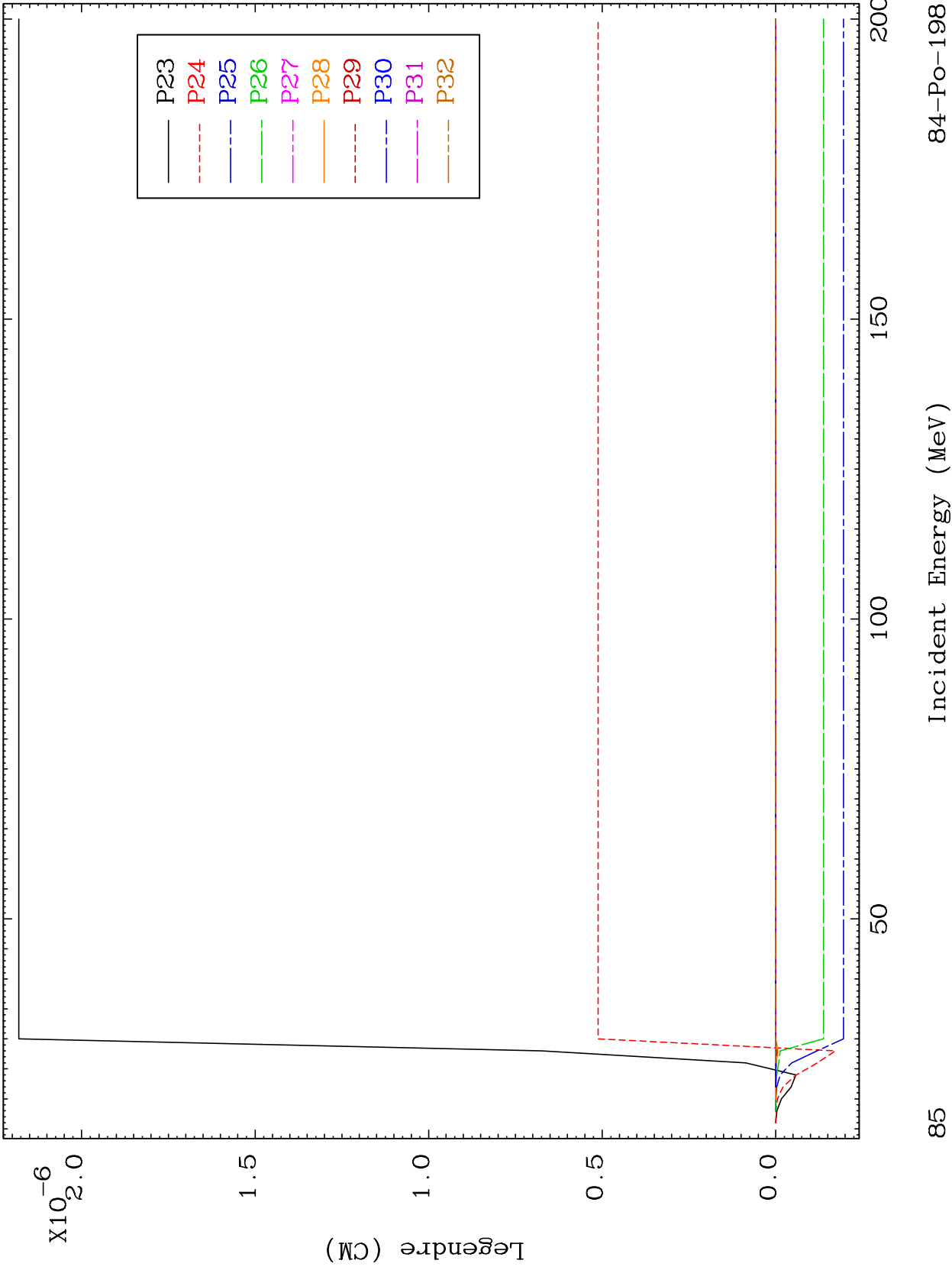
Incident Energy (MeV)

84-Po-198

MAT 8401

MT= 67 (n,n') Level  
Legendre Coefficients

84-Po-198



85

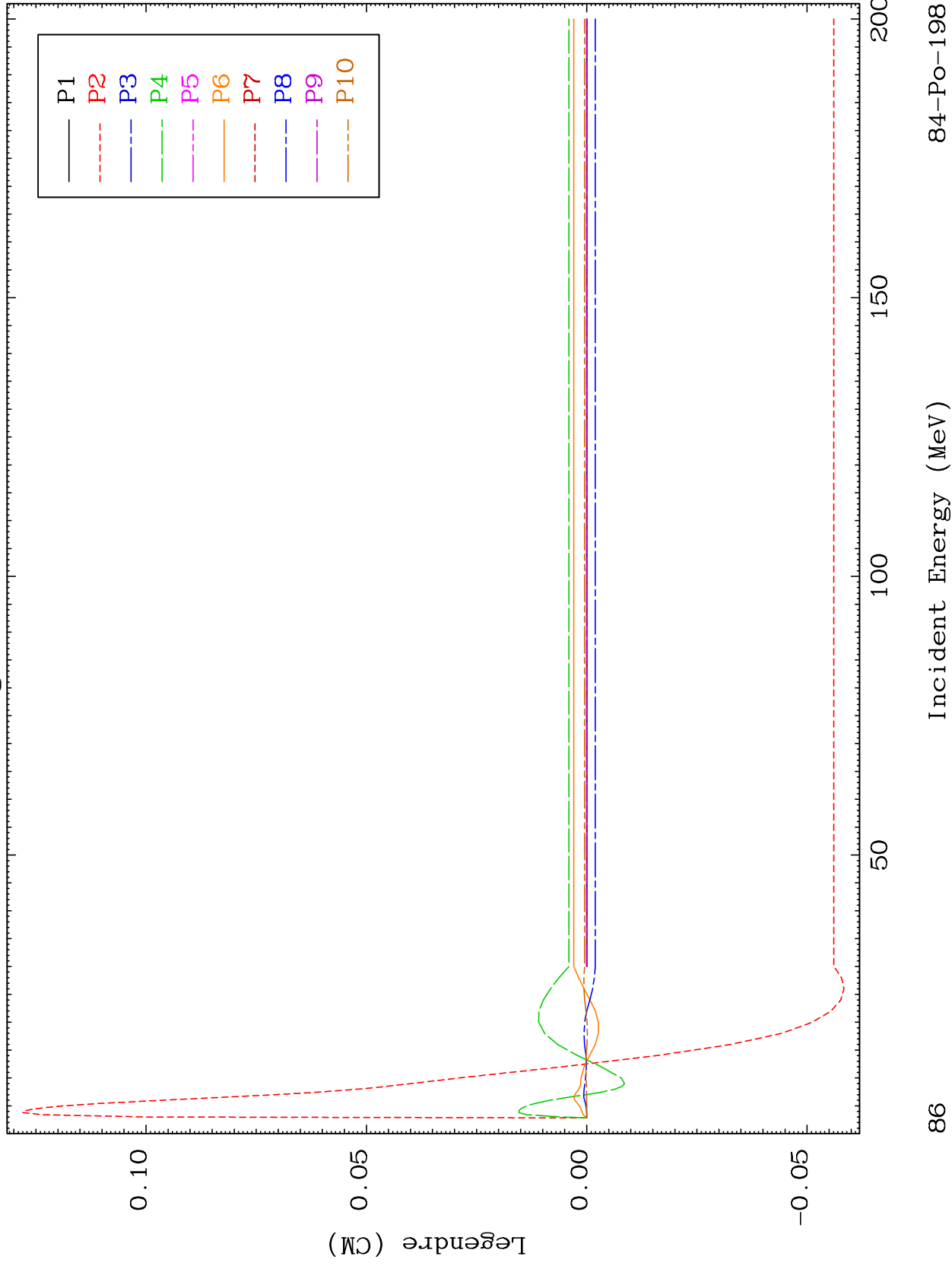
Incident Energy (MeV)

84-Po-198

MAT 8401

MT= 68 (n,n') Level  
Legendre Coefficients

84-Po-198



86

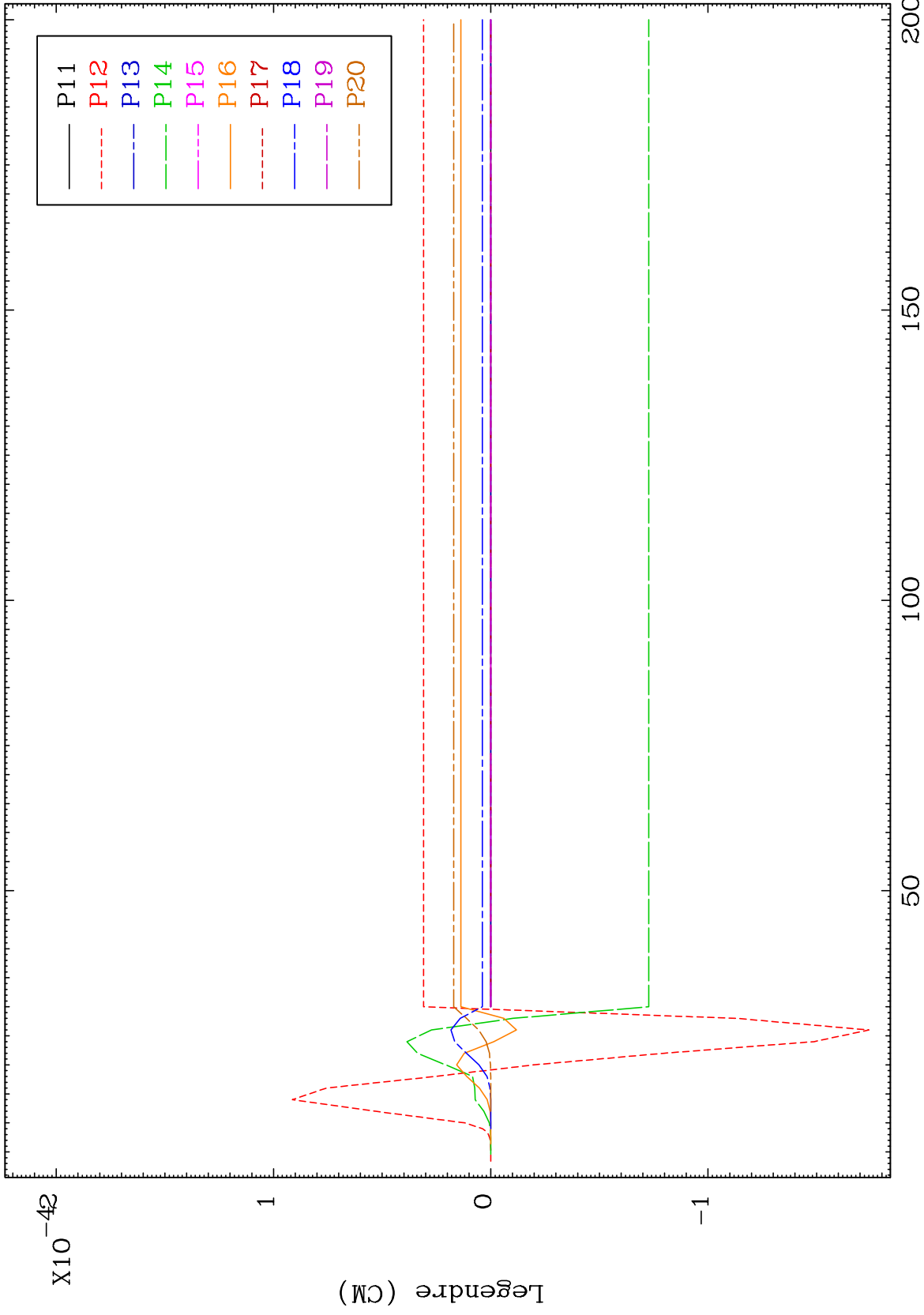
84-Po-198

MAT 8401

MT= 68 (n,n') Level  
Legendre Coefficients

84-Po-198

$\times 10^{-42}$



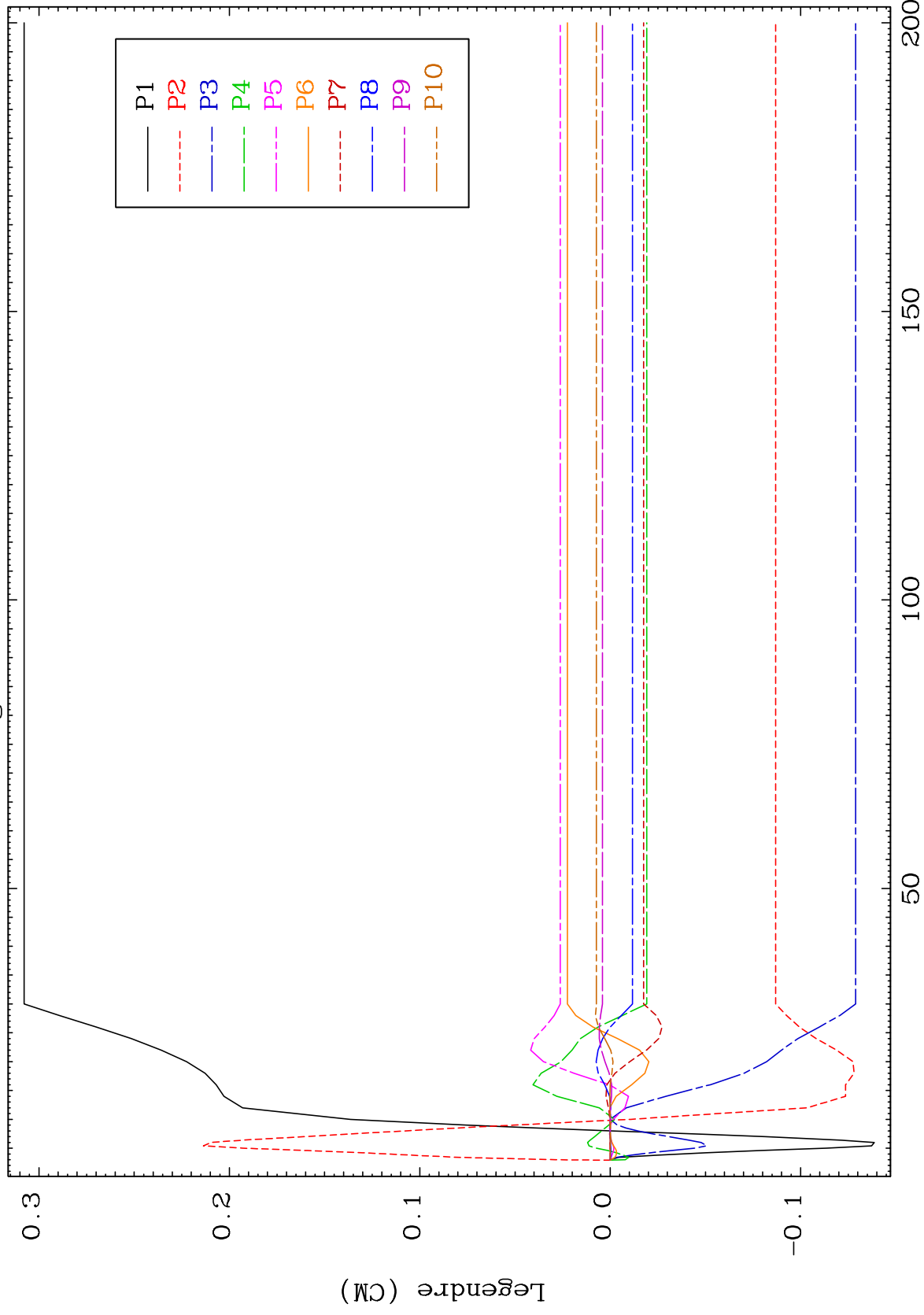
87

Incident Energy (MeV)

84-Po-198



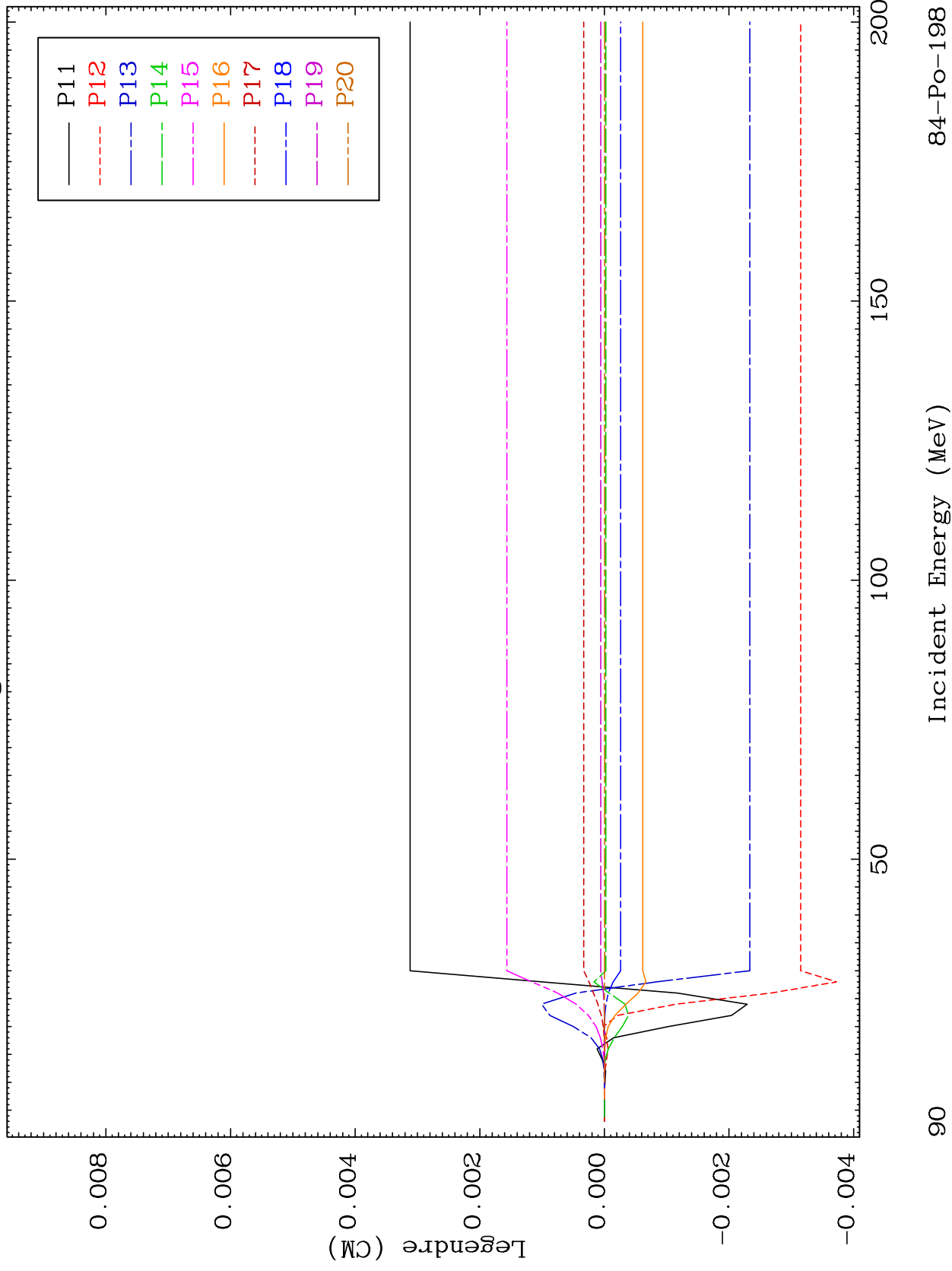




MAT 8401

MT= 69 (n,n') Level  
Legendre Coefficients

84-Po-198



84-Po-198

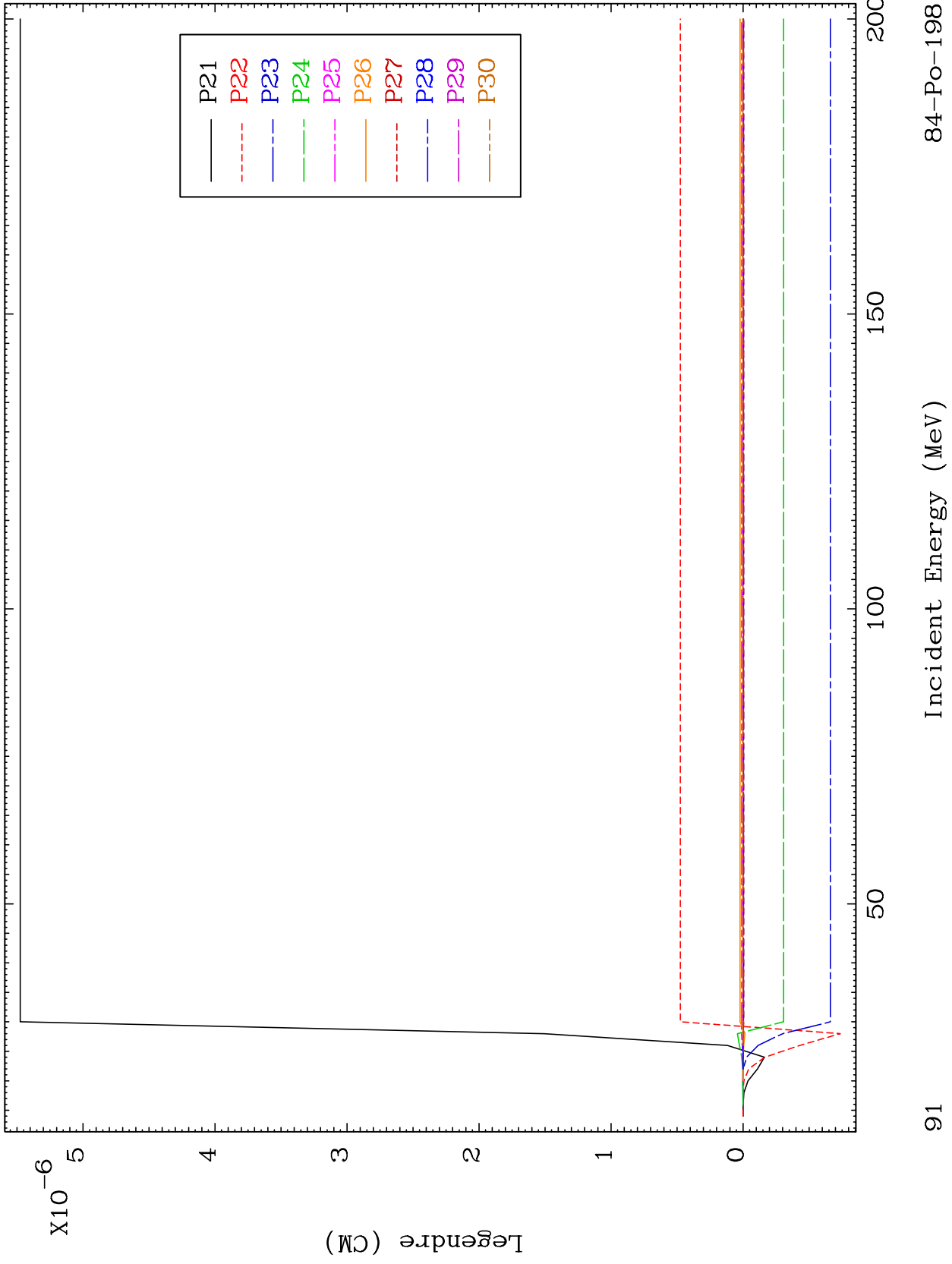
Incident Energy (MeV)

90

MAT 8401

MT= 69 (n,n') Level  
Legendre Coefficients

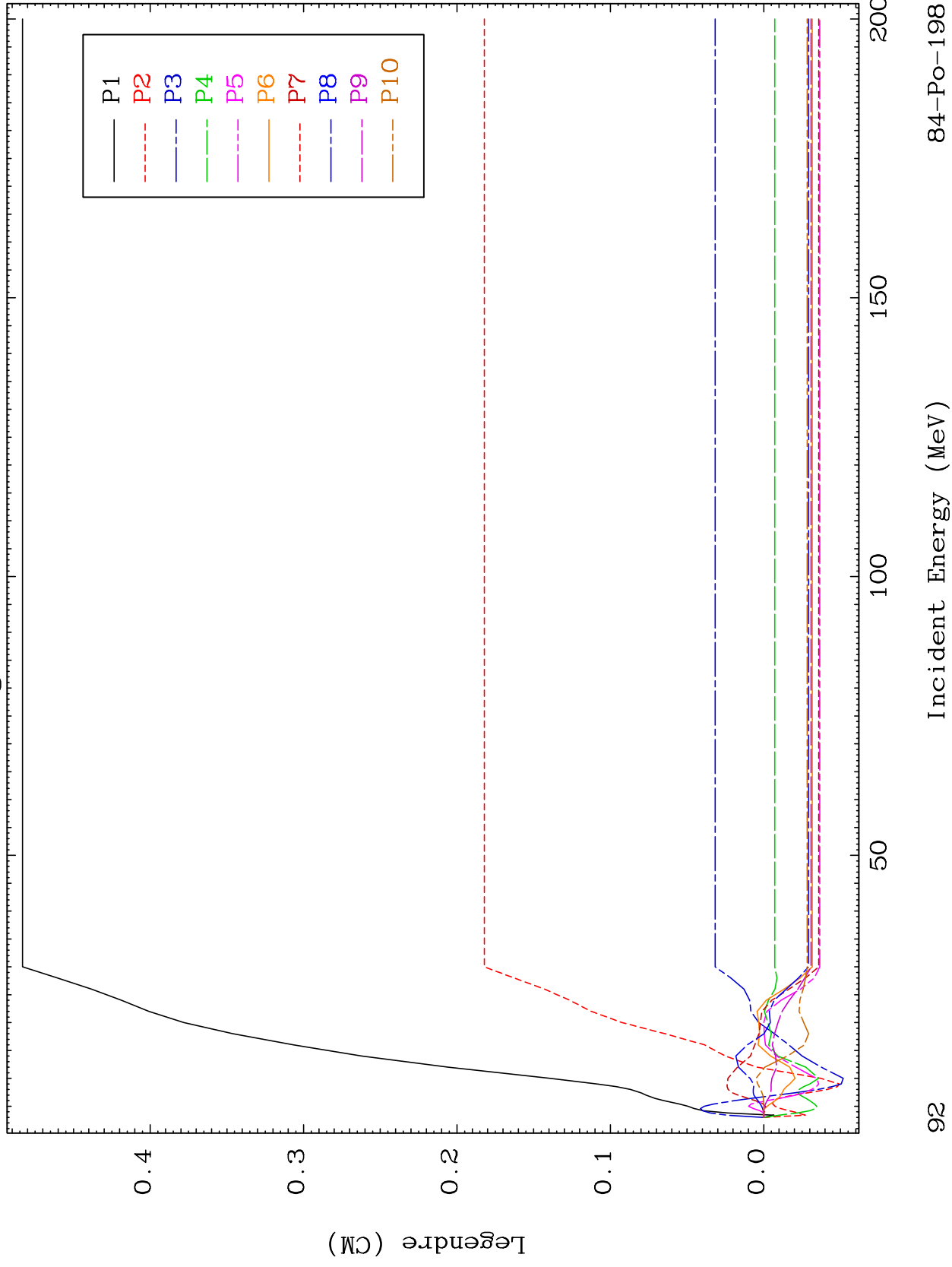
84-Po-198



MAT 8401

MT= 70 (n,n') Level  
Legendre Coefficients

84-Po-198

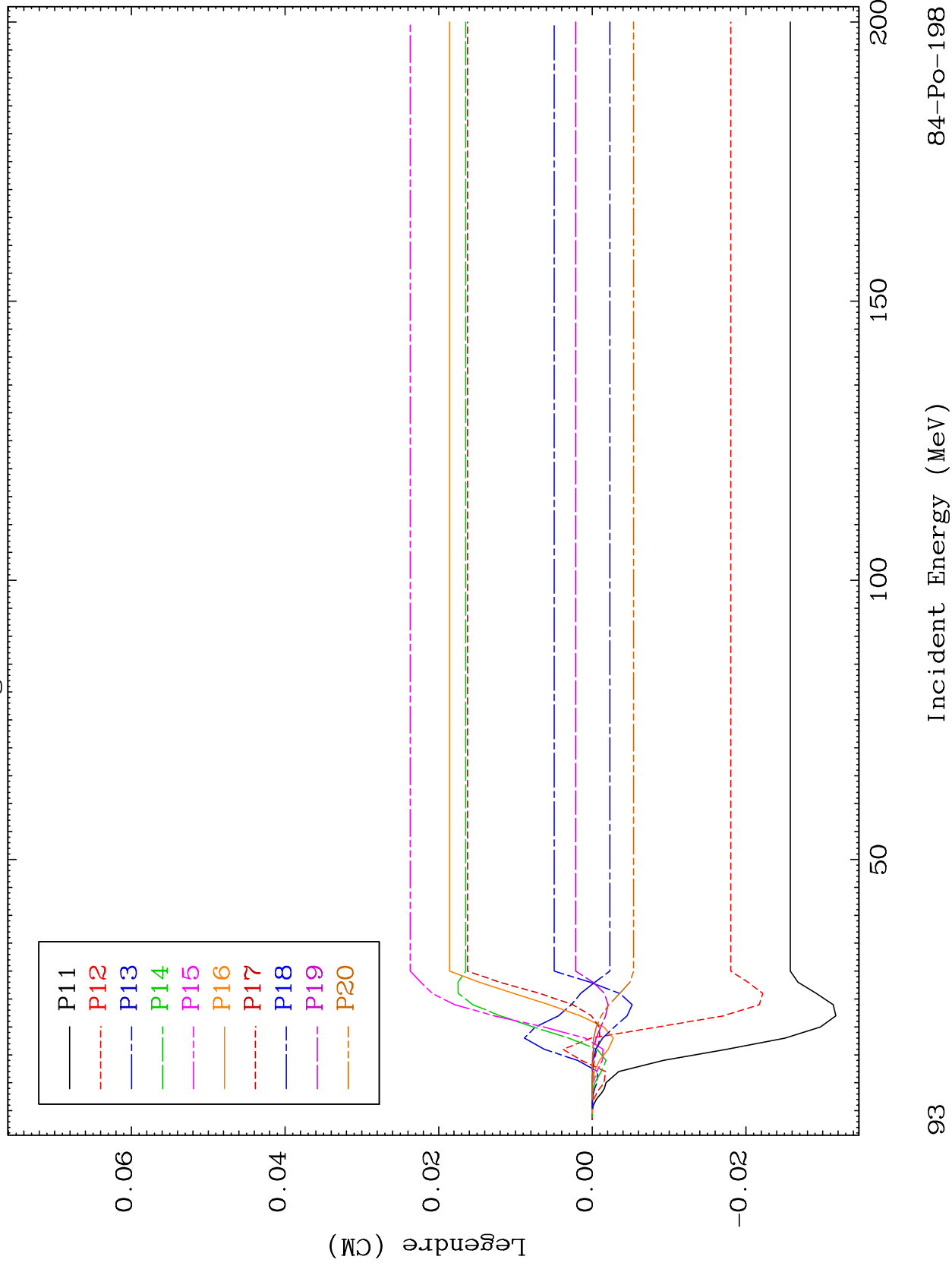


92

MAT 8401

MT= 70 (n,n') Level  
Legendre Coefficients

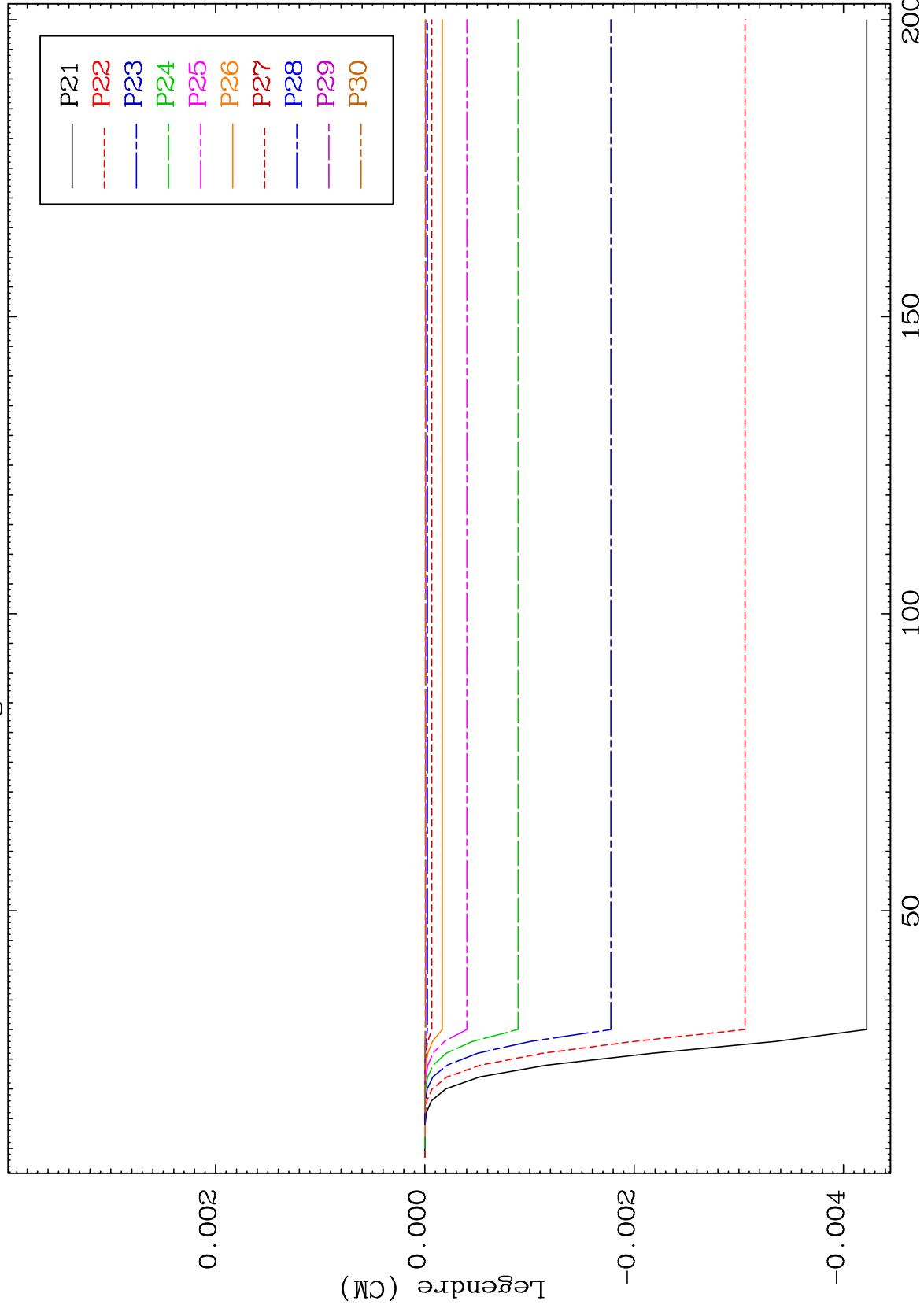
84-Po-198



MAT 8401

MT= 70 (n,n') Level  
Legendre Coefficients

84-Po-198



94

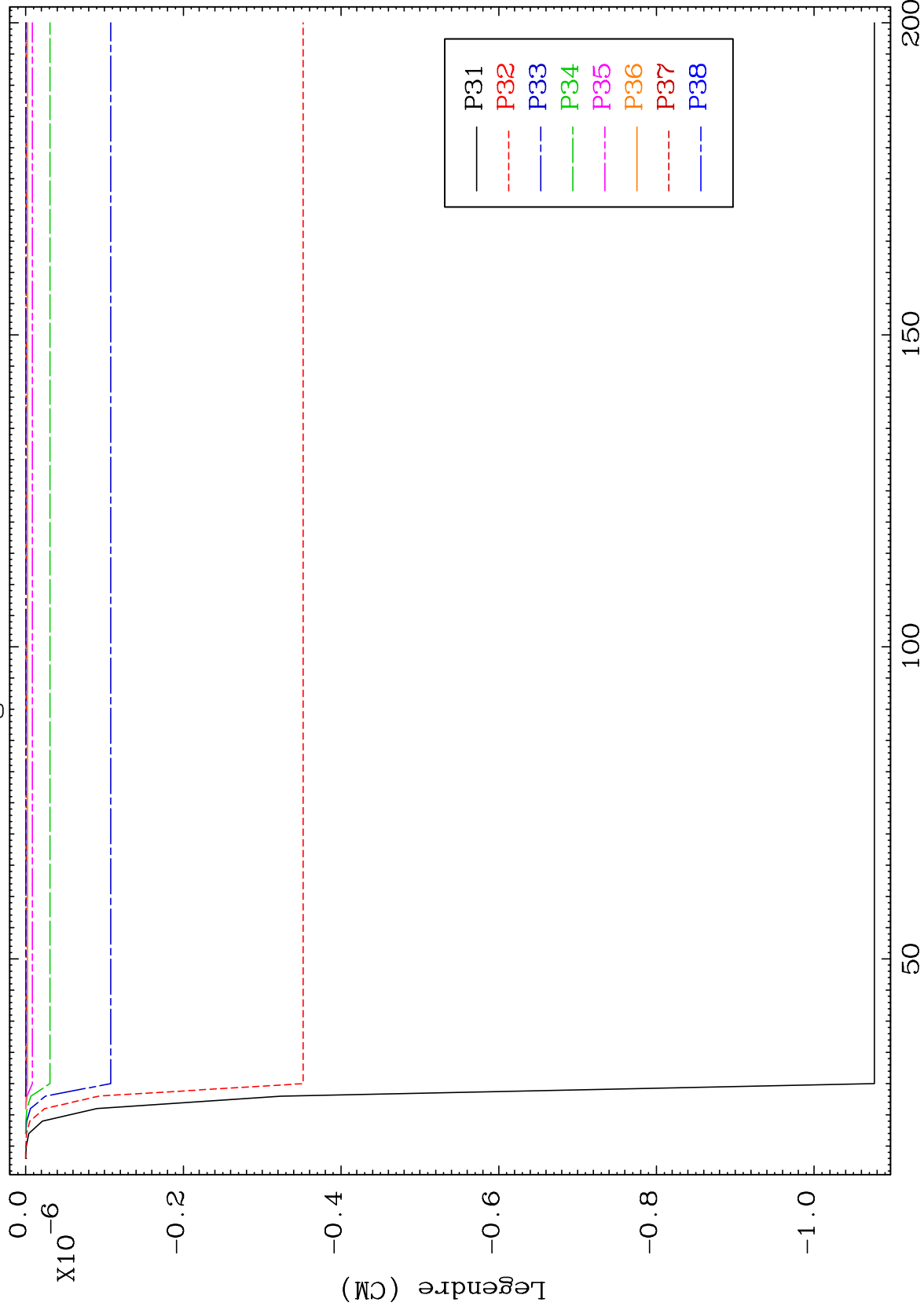
Incident Energy (MeV)

84-Po-198

MAT 8401

MT= 70 (n,n') Level  
Legendre Coefficients

84-Po-198



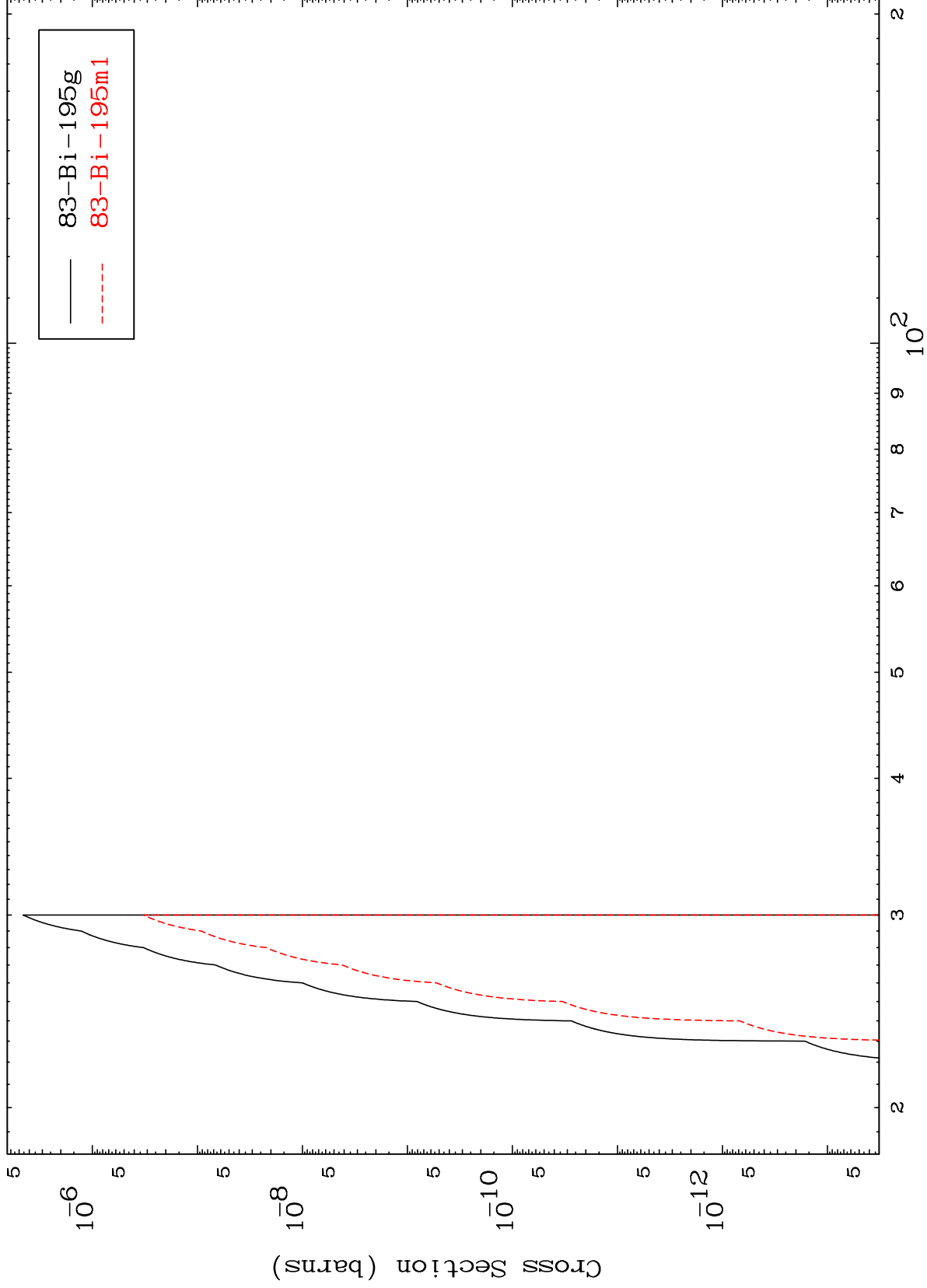
84-Po-198

Incident Energy (MeV)

95



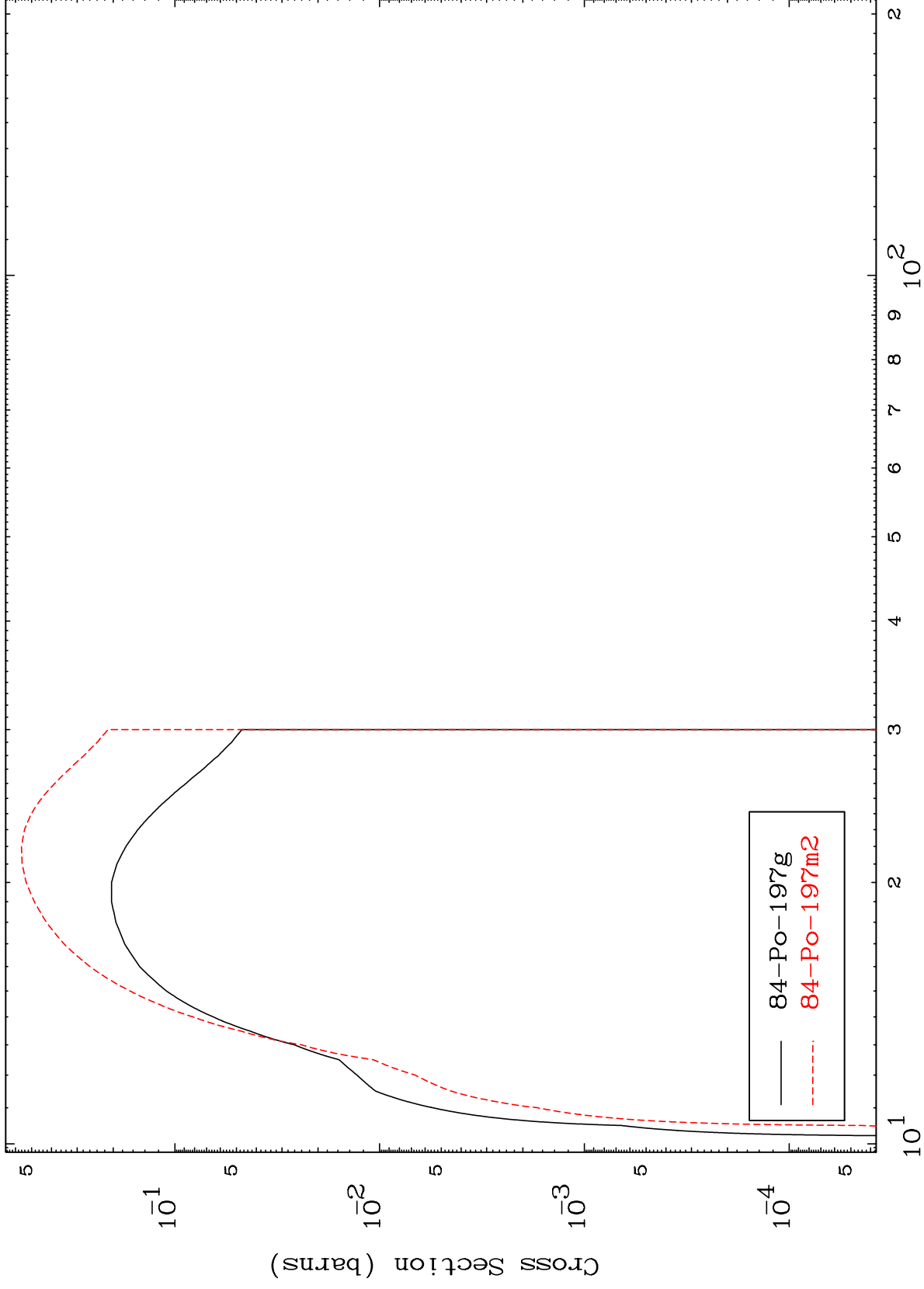
Radionuclide Production Cross Section



MAT 8401

84-Po-198

(n,2n)  
Radionuclide Production Cross Section



84-Po-198

Incident Energy (MeV)

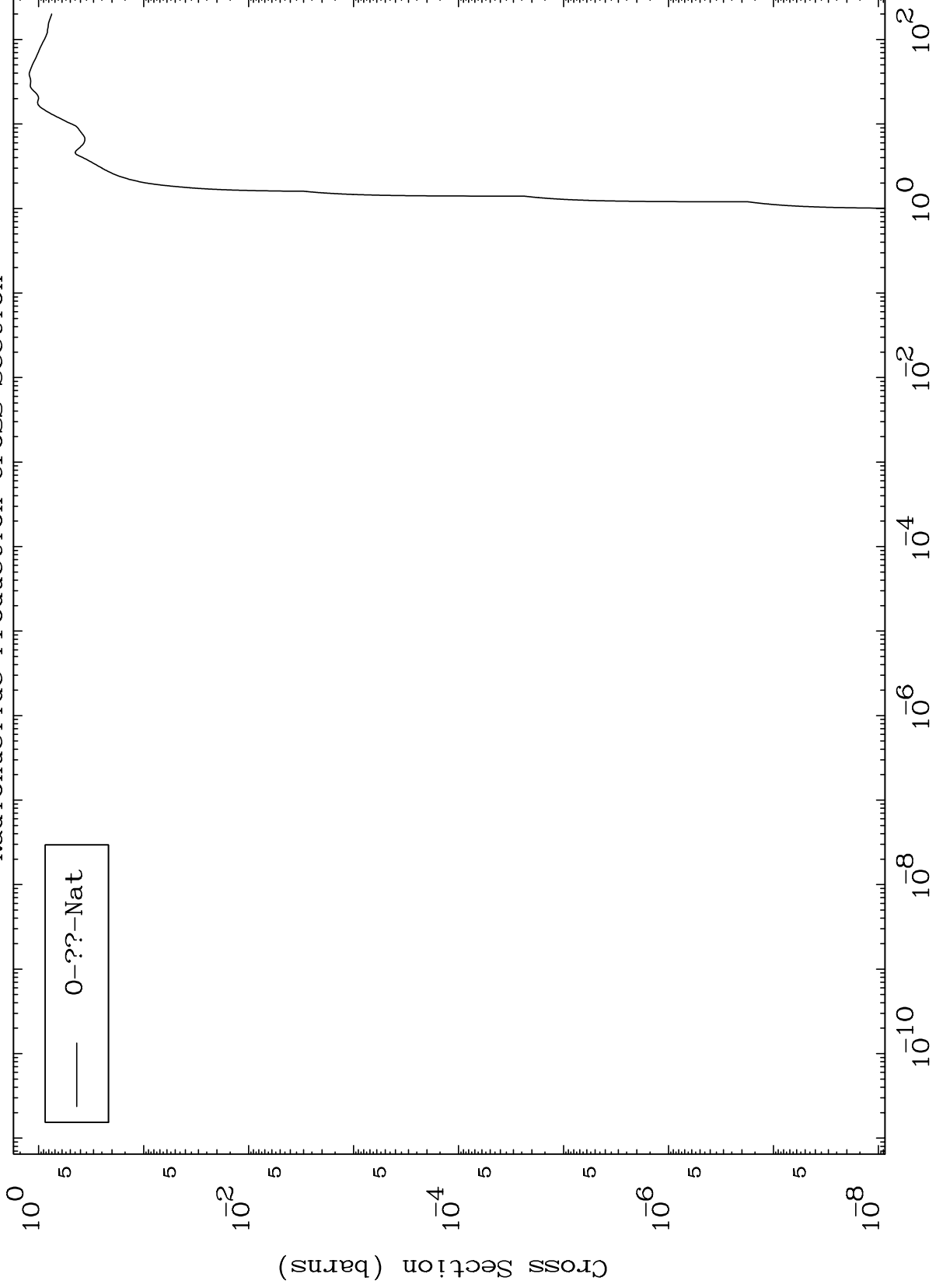
97

MAT 8401

Fission

84-Po-198

Radionuclide Production Cross Section



98

Incident Energy (MeV)

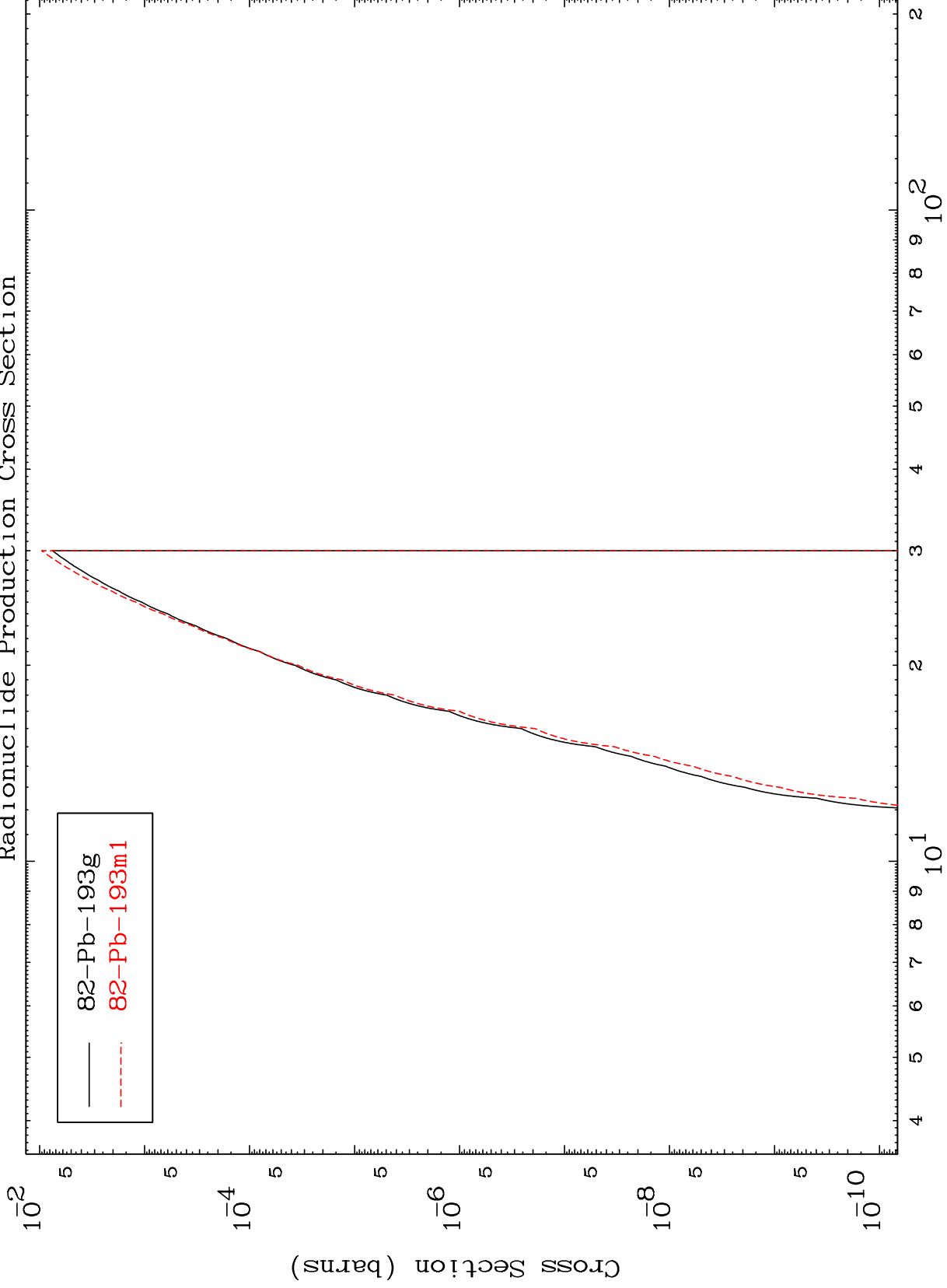
84-Po-198

MAT 8401

$(n,2n) \alpha$

84-Po-198

Radionuclide Production Cross Section



99

Incident Energy (MeV)

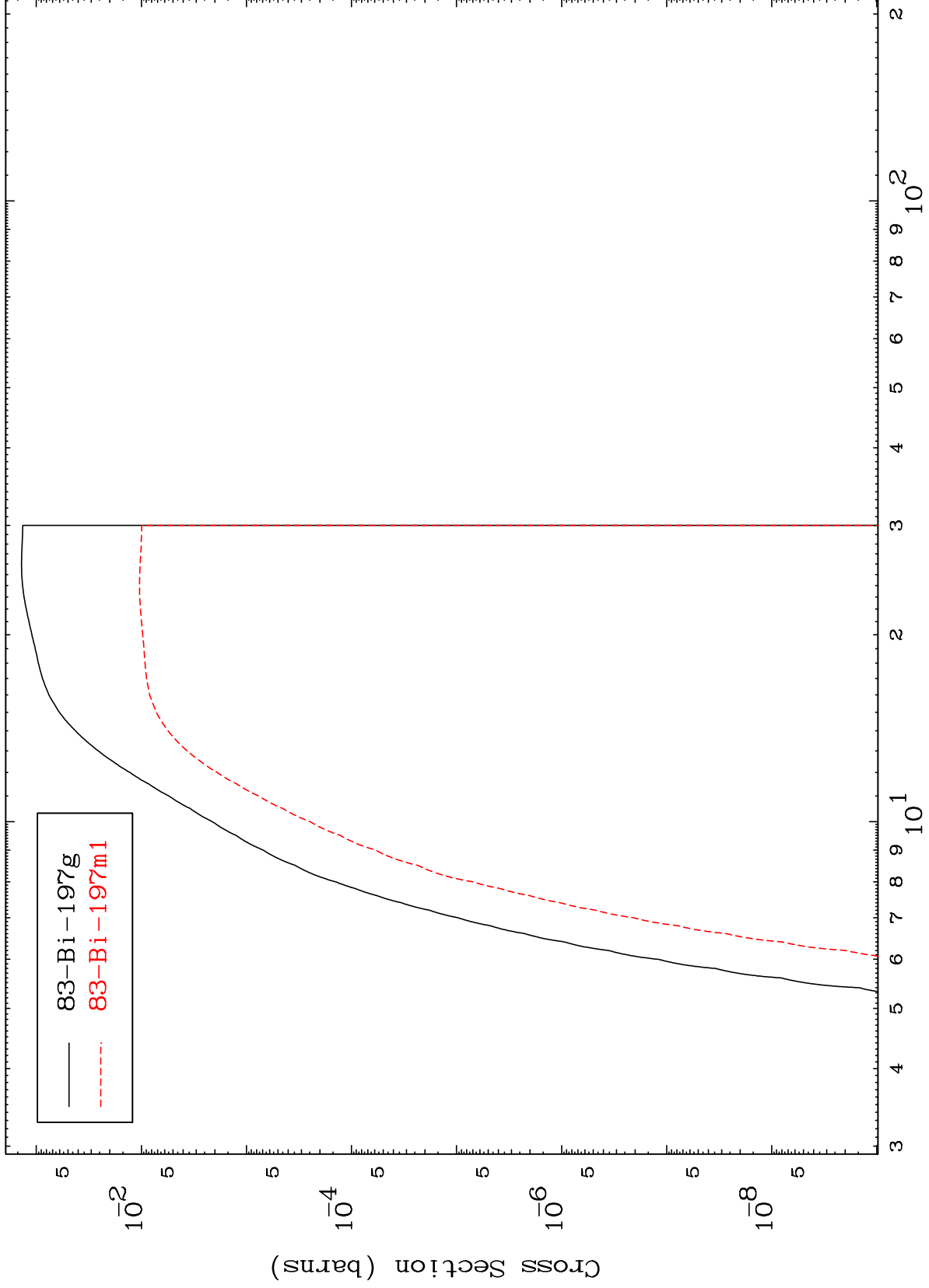
84-Po-198

MAT 8401

(n,n') p

84-Po-198

Radionuclide Production Cross Section



100

Incident Energy (MeV)

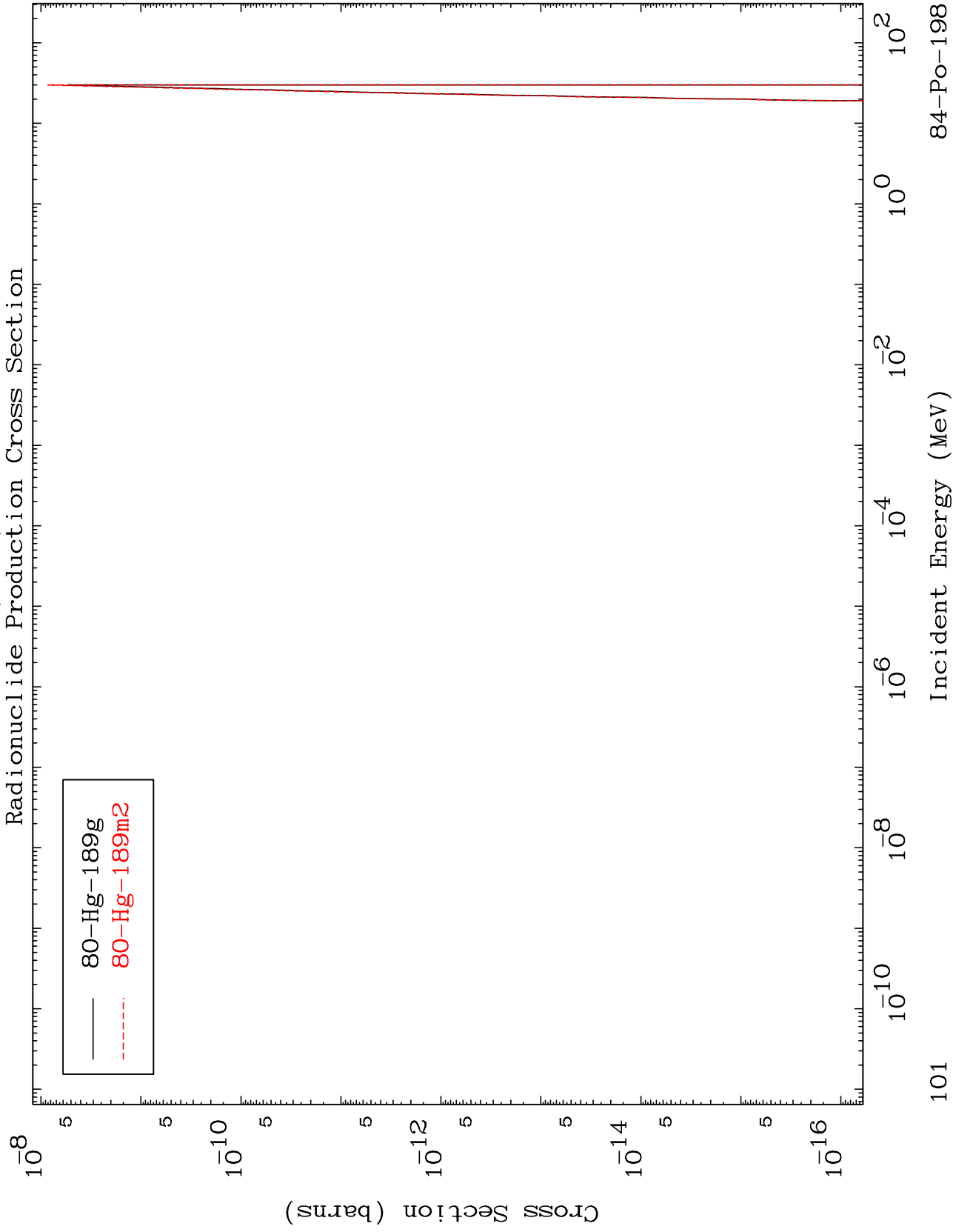
84-Po-198

MAT 8401

$(n,2n) 2\alpha$

84-Po-198

Radionuclide Production Cross Section

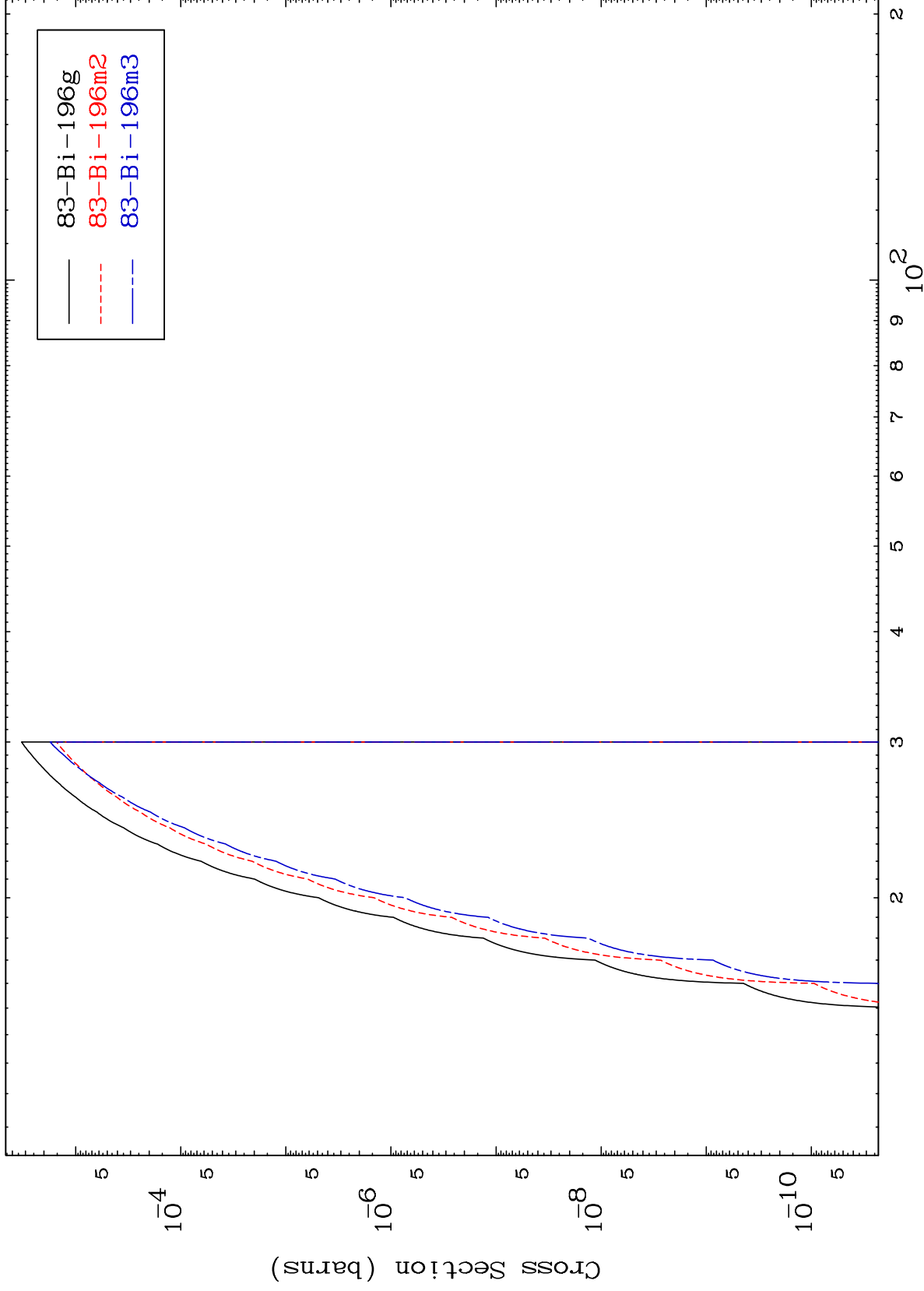


101

MAT 8401

84-Po-198

$(n, n') d$   
Radionuclide Production Cross Section



102

Incident Energy (MeV)

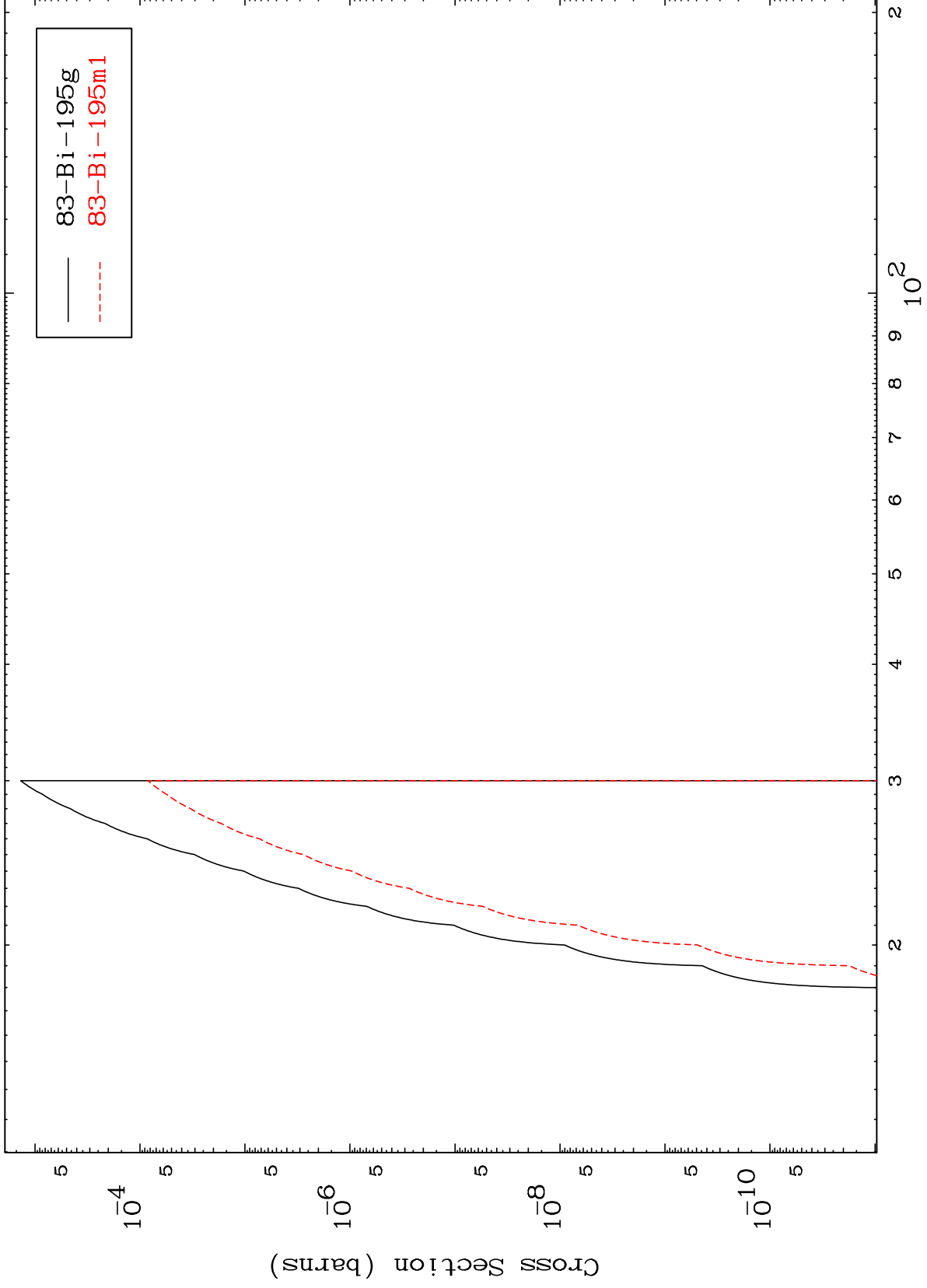
84-Po-198

MAT 8401

(n,n') t

84-Po-198

Radionuclide Production Cross Section



103

Incident Energy (MeV)

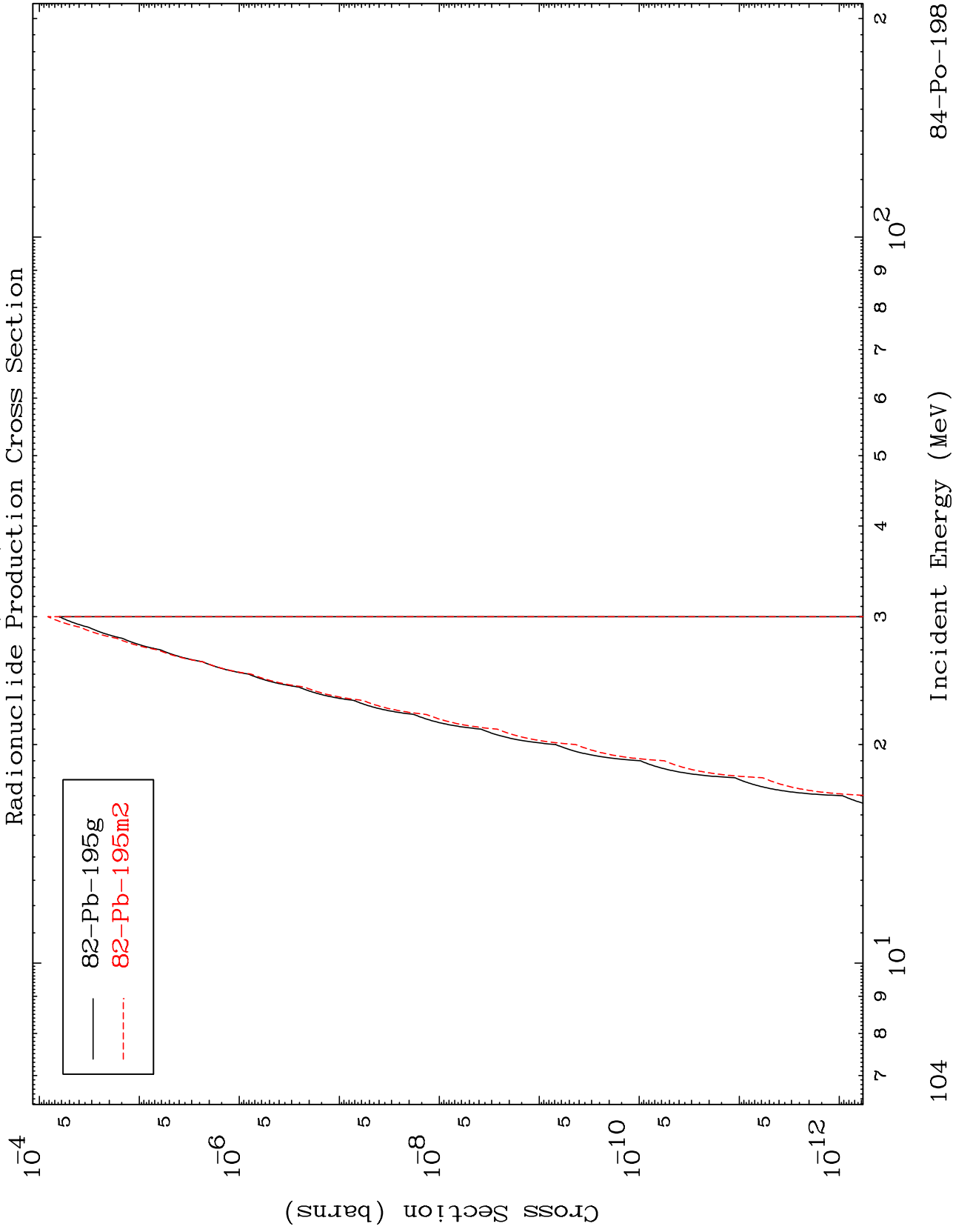
84-Po-198



MAT 8401

(n,n') He-3

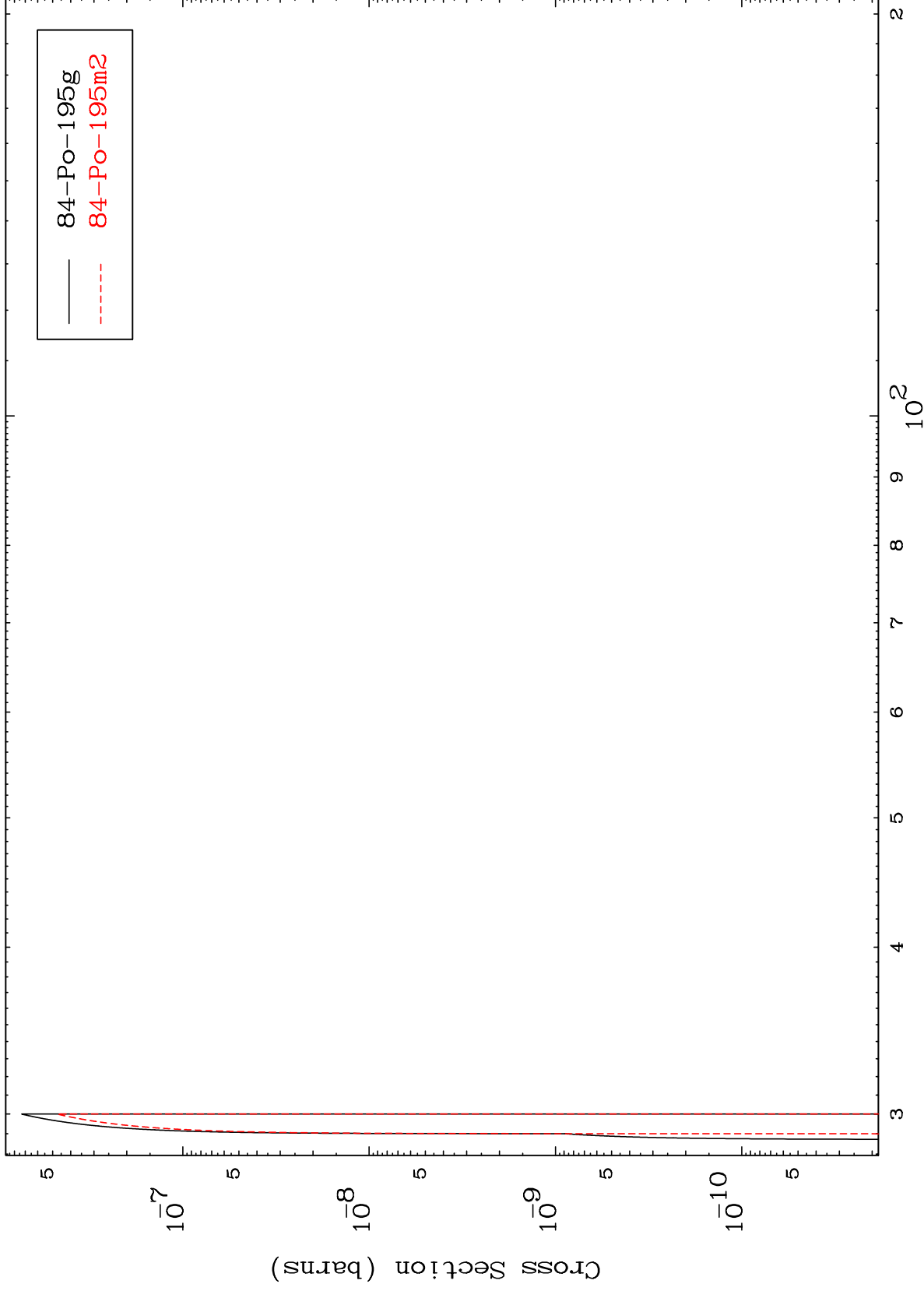
84-Po-198



MAT 8401

84-Po-198

(n,4n)  
Radionuclide Production Cross Section

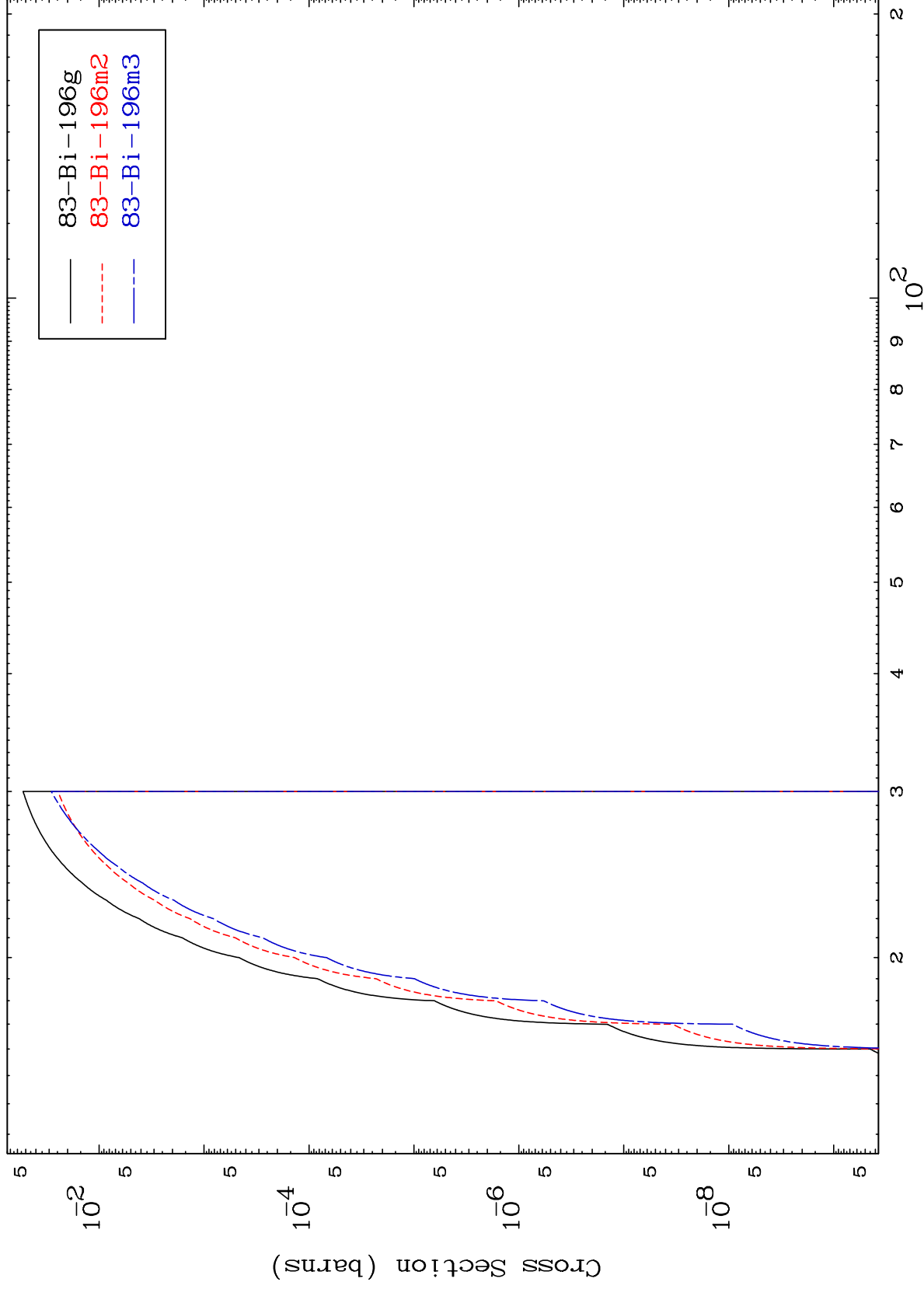


105

Incident Energy (MeV)

84-Po-198

Radionuclide Production Cross Section

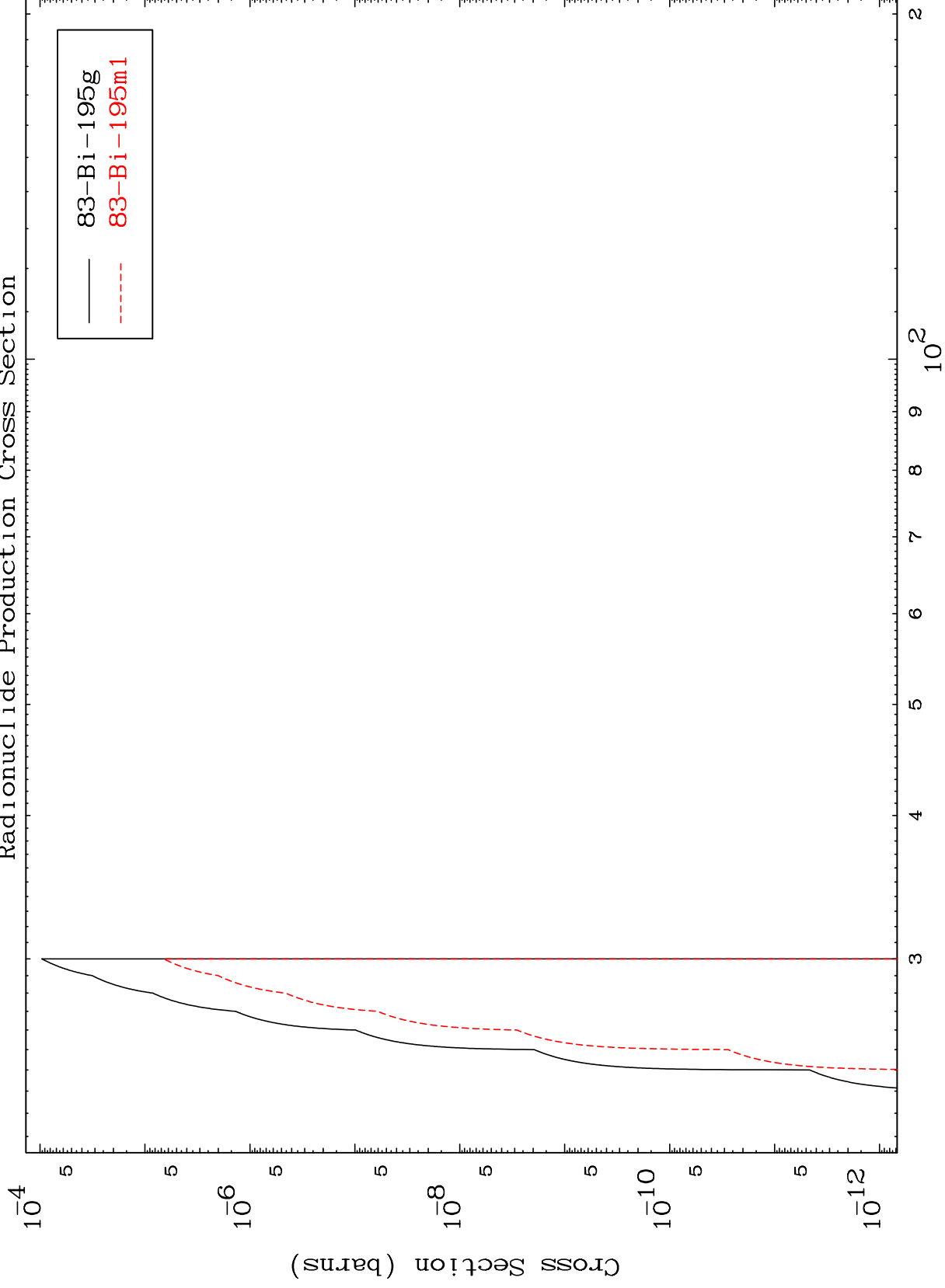


MAT 8401

(n,3n) p

84-Po-198

Radionuclide Production Cross Section



107

Incident Energy (MeV)

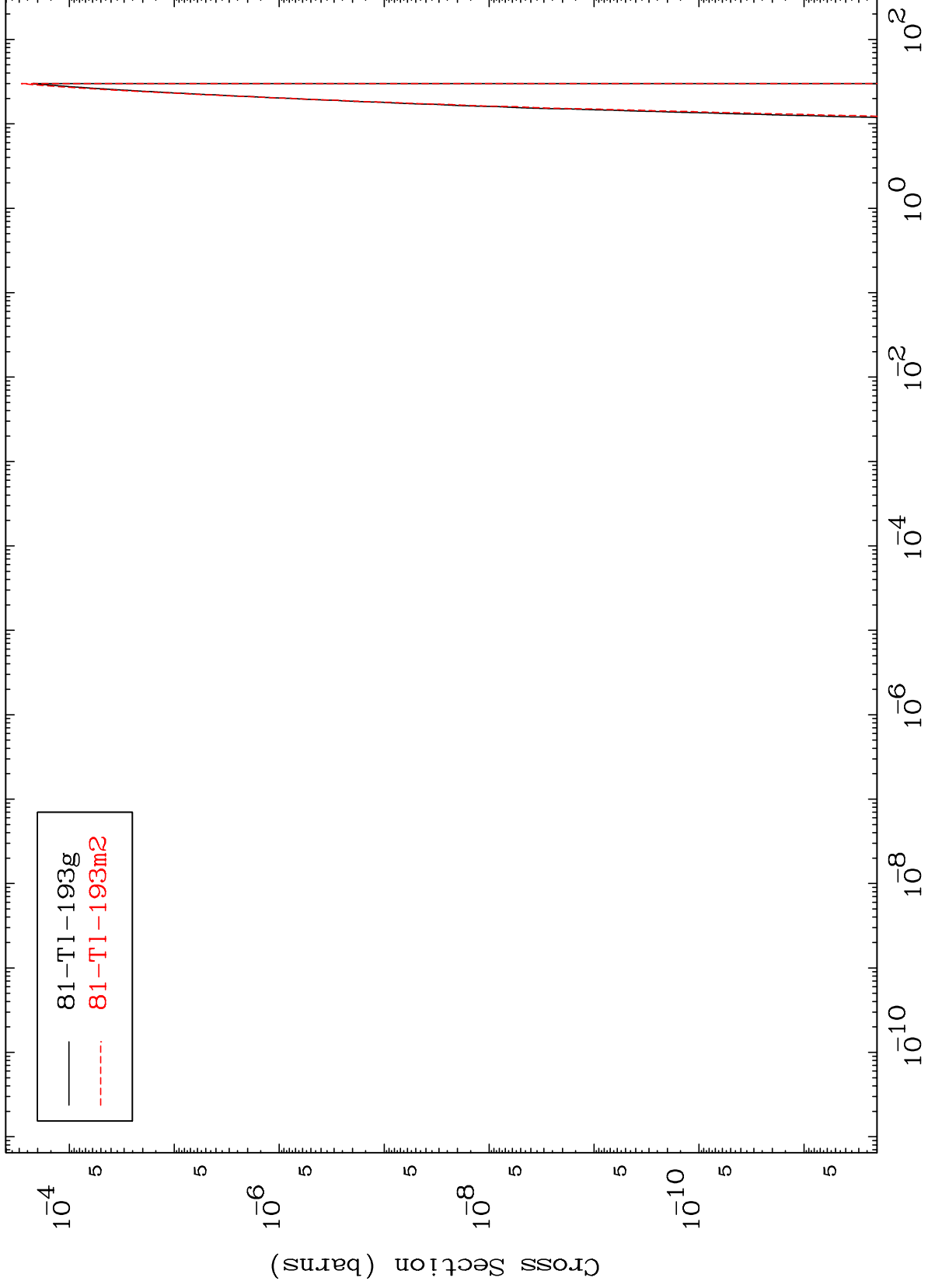
84-Po-198

MAT 8401

(n,n') p  $\alpha$

84-Po-198

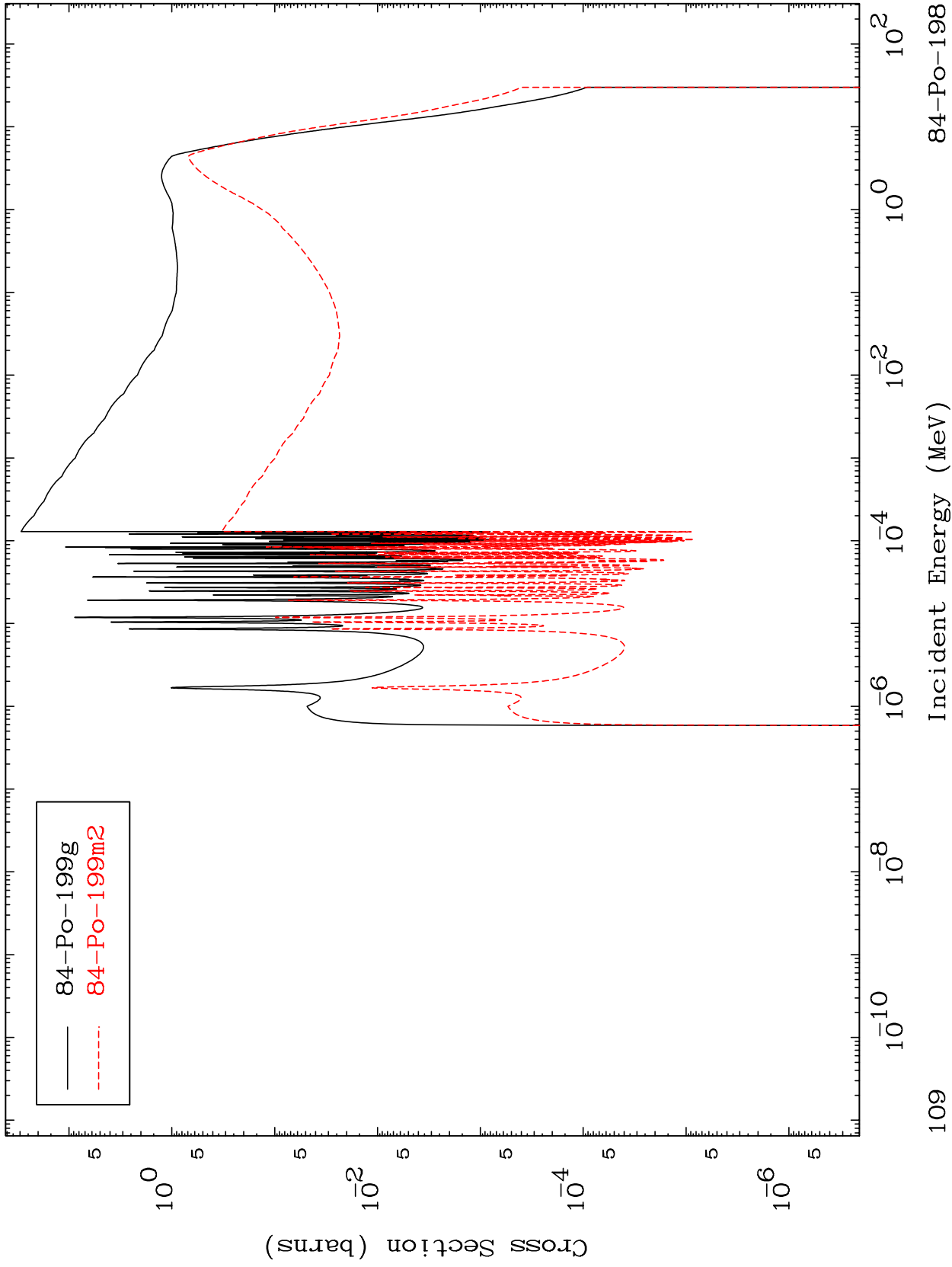
Radionuclide Production Cross Section



MAT 8401

84-Po-198

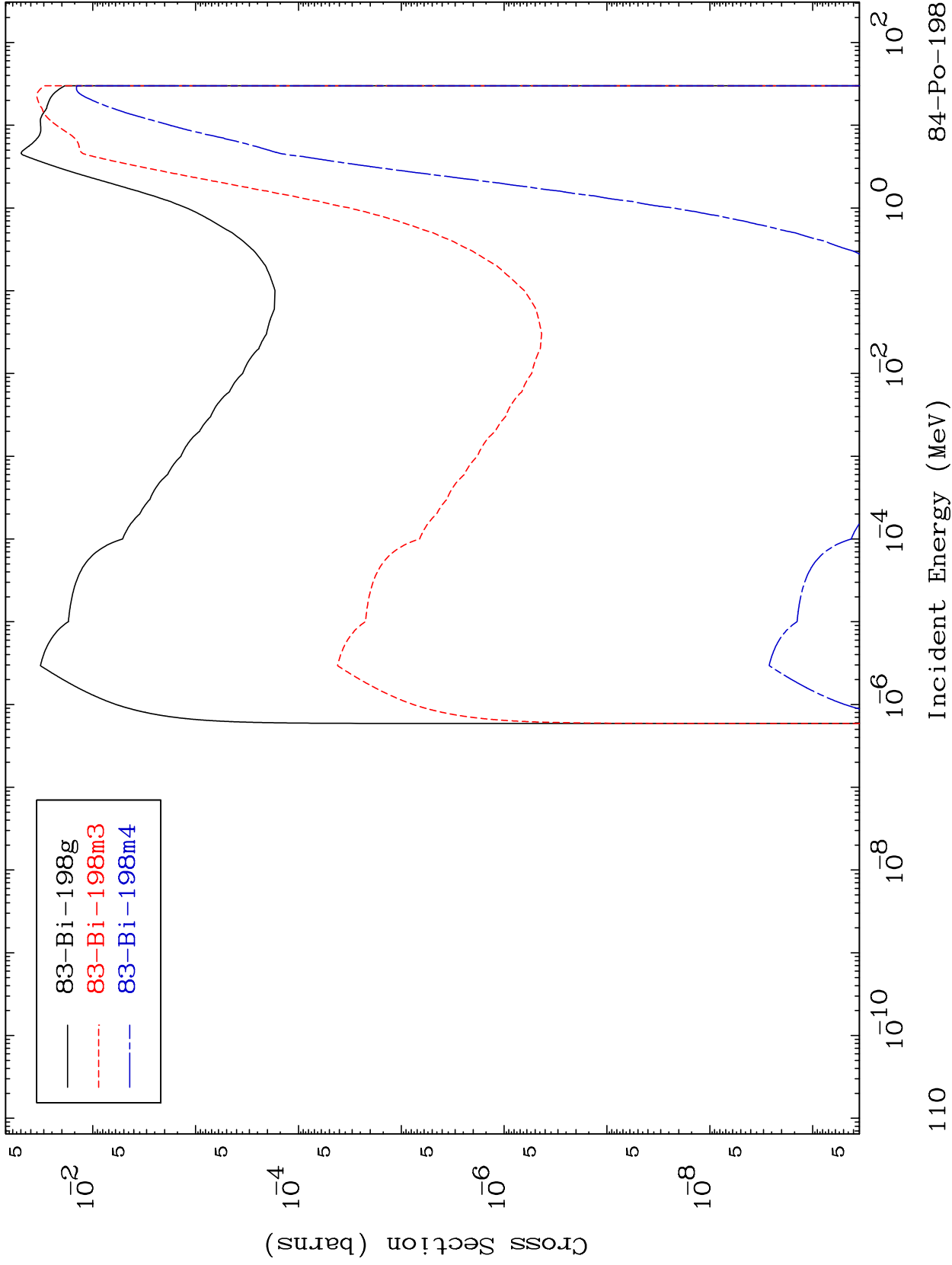
(n,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 8401

84-Po-198

(n,p)  
Radionuclide Production Cross Section



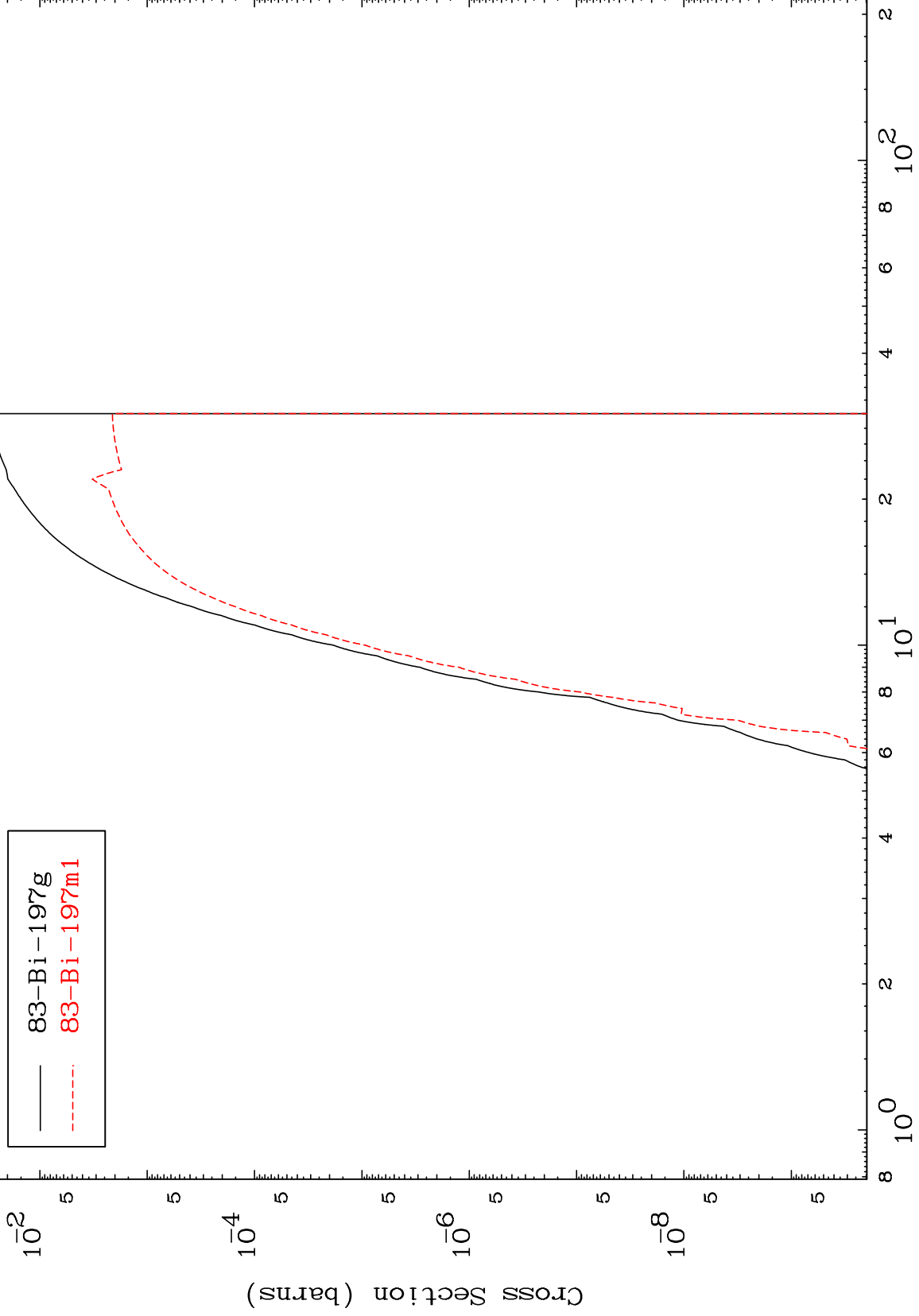
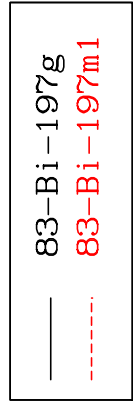
110

MAT 8401

(n,d)

84-Po-198

Radionuclide Production Cross Section



111

Incident Energy (MeV)

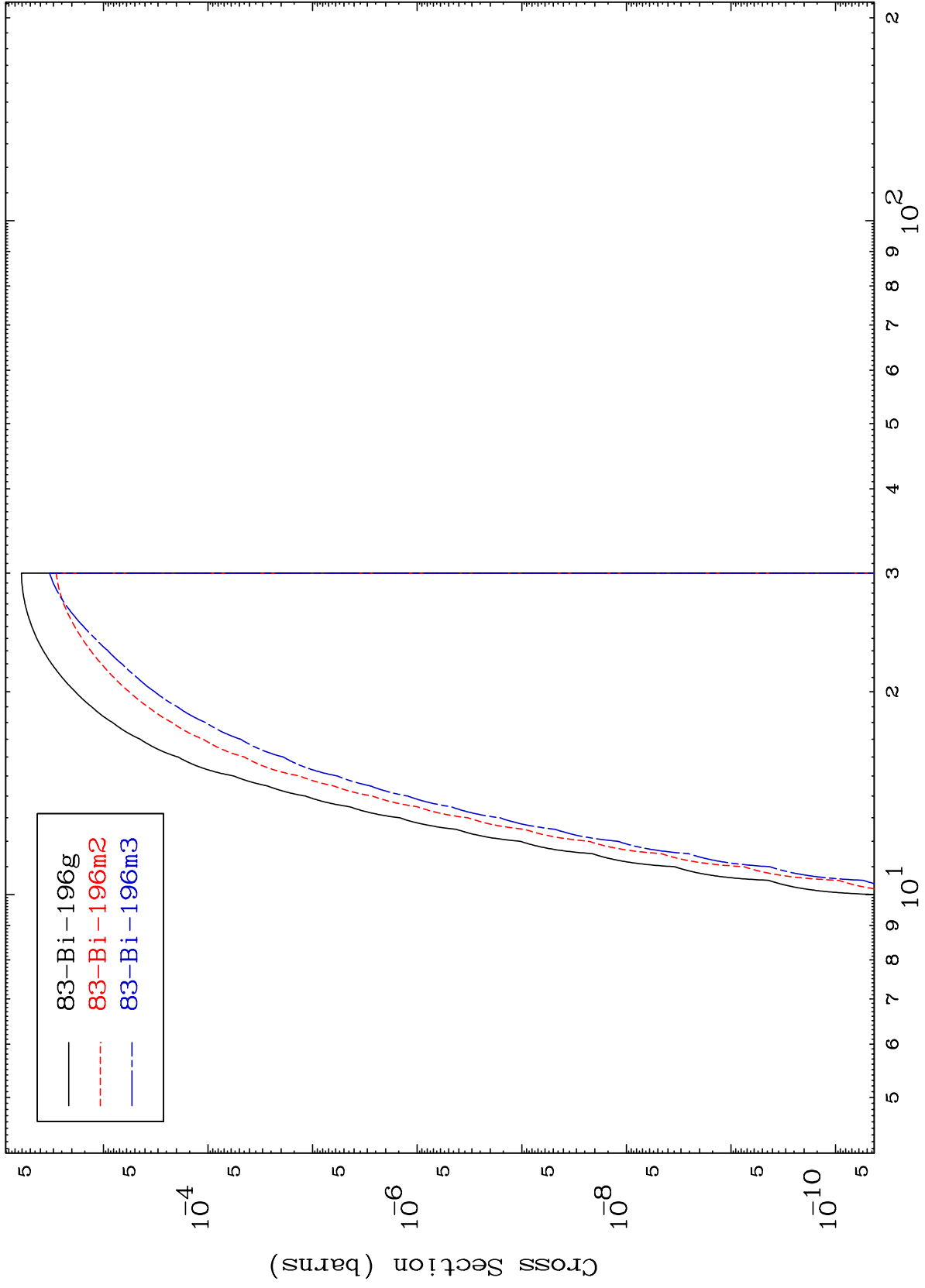
84-Po-198



MAT 8401

84-Po-198

(n, t)  
Radionuclide Production Cross Section



112

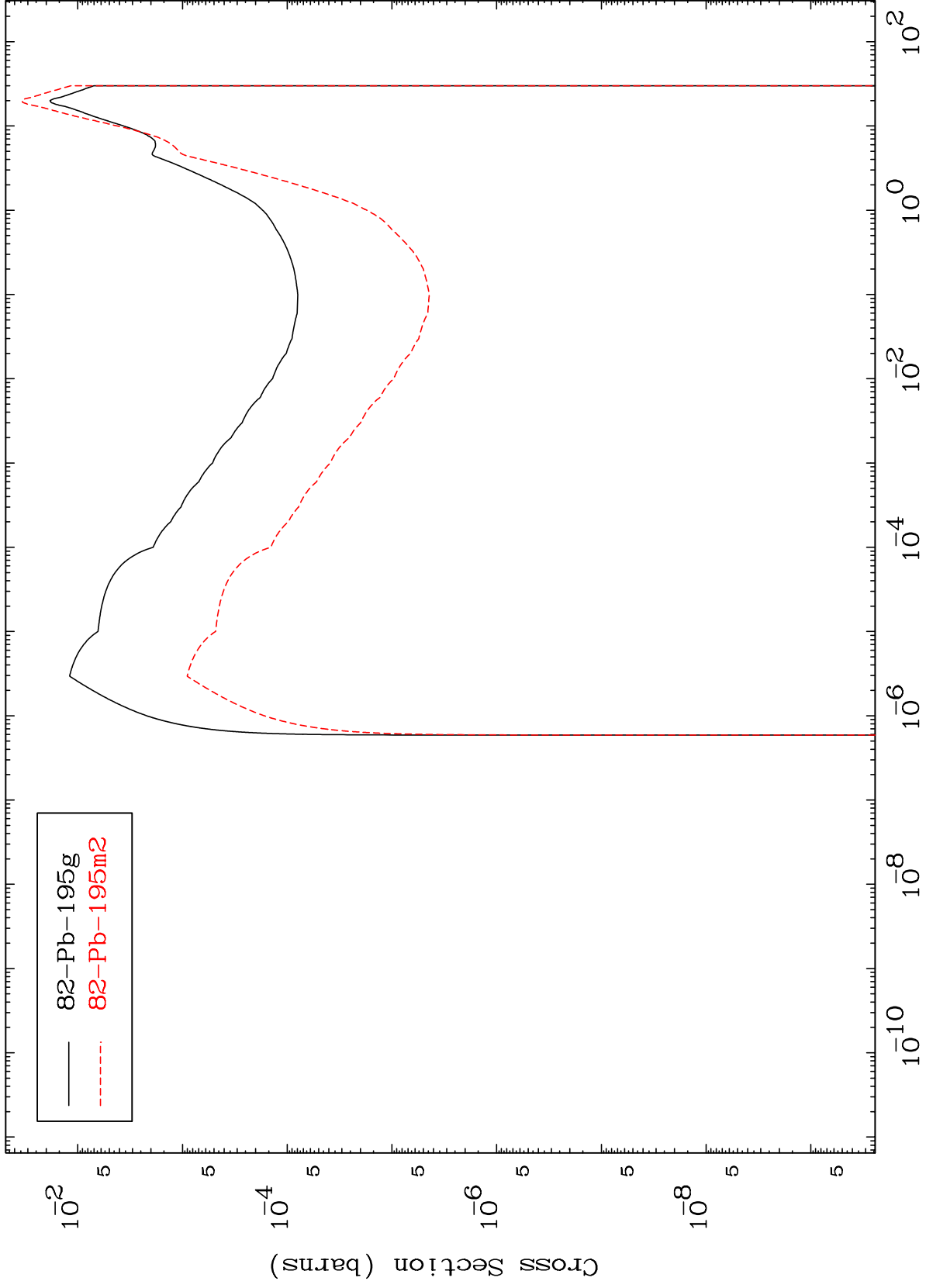
Incident Energy (MeV)

84-Po-198

MAT 8401

84-Po-198

(n,  $\alpha$ )  
Radionuclide Production Cross Section



113

84-Po-198

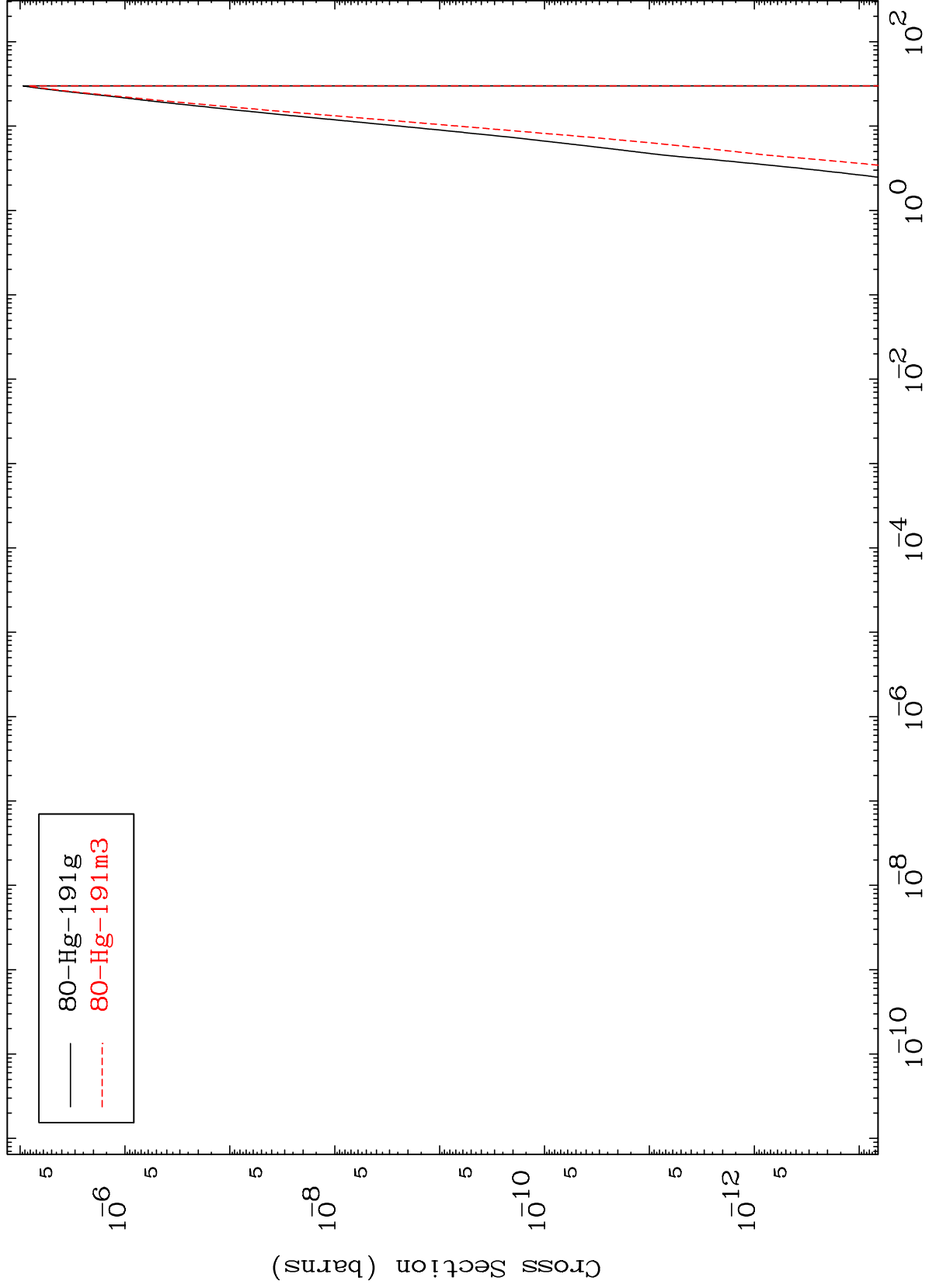
Incident Energy (MeV)

MAT 8401

(n,2α)

84-Po-198

Radionuclide Production Cross Section



114

Incident Energy (MeV)

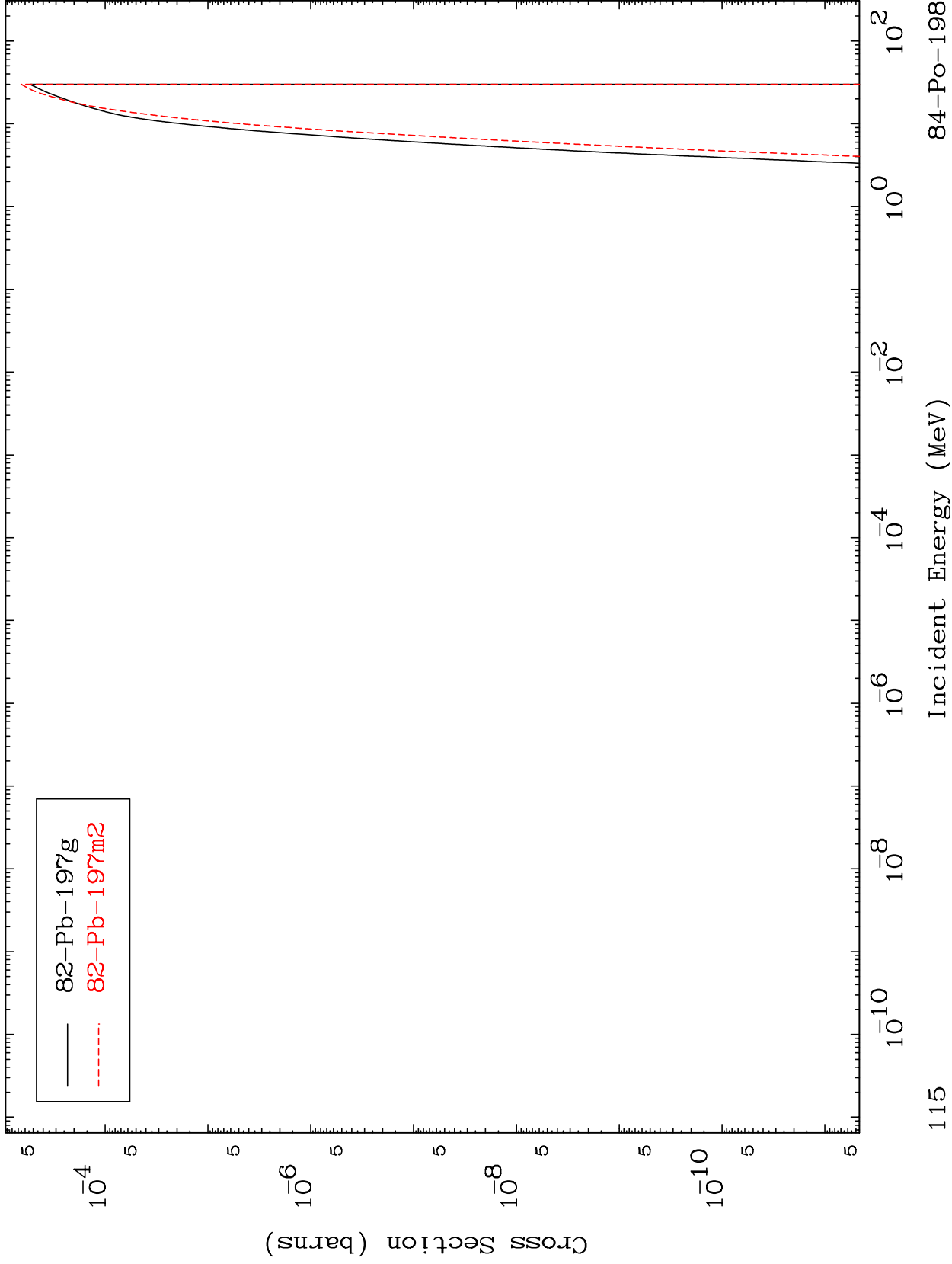
84-Po-198

MAT 8401

(n,2p)

84-Po-198

Radionuclide Production Cross Section

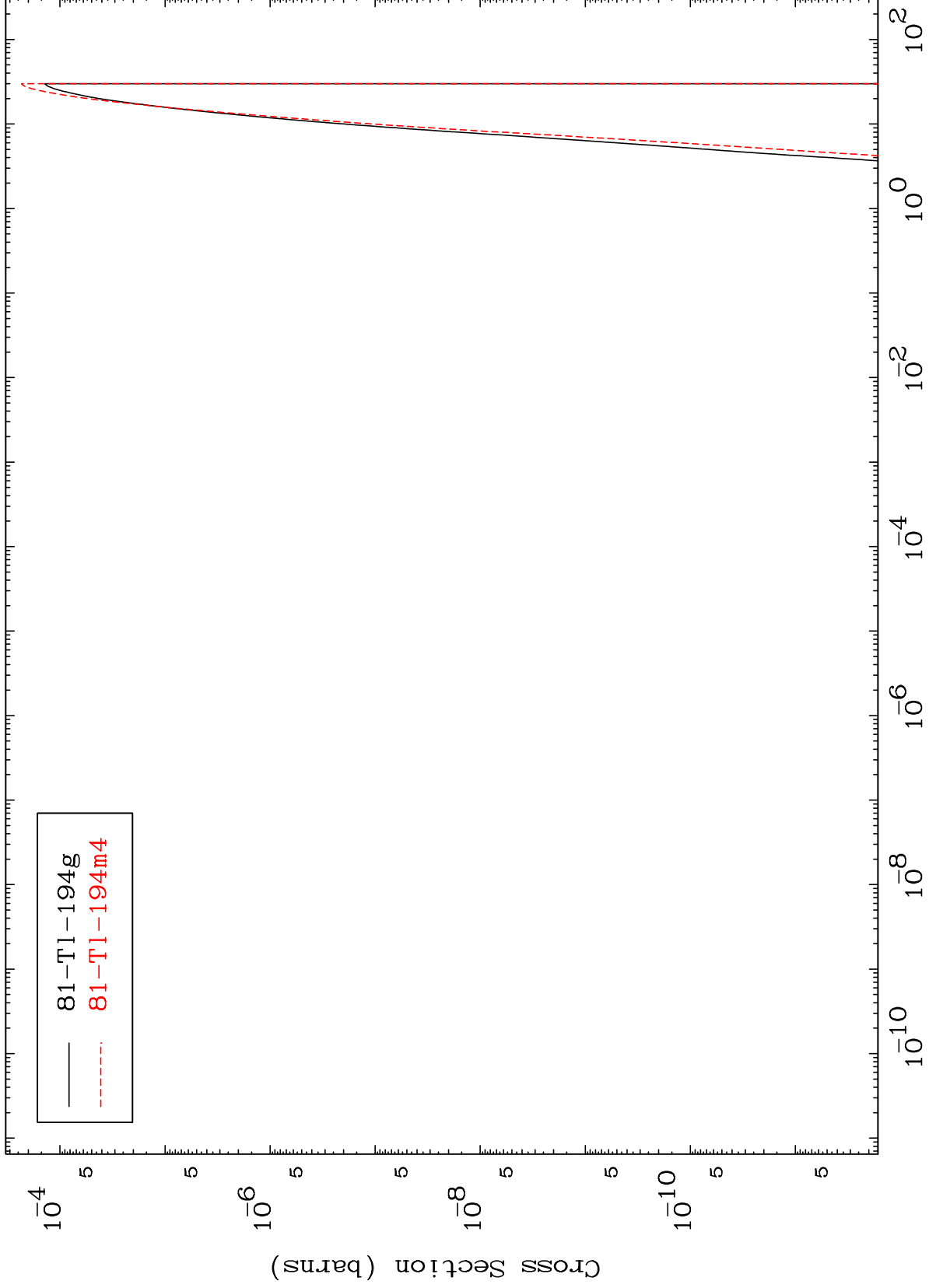


MAT 8401

(n,p)  $\alpha$

84-Po-198

Radionuclide Production Cross Section

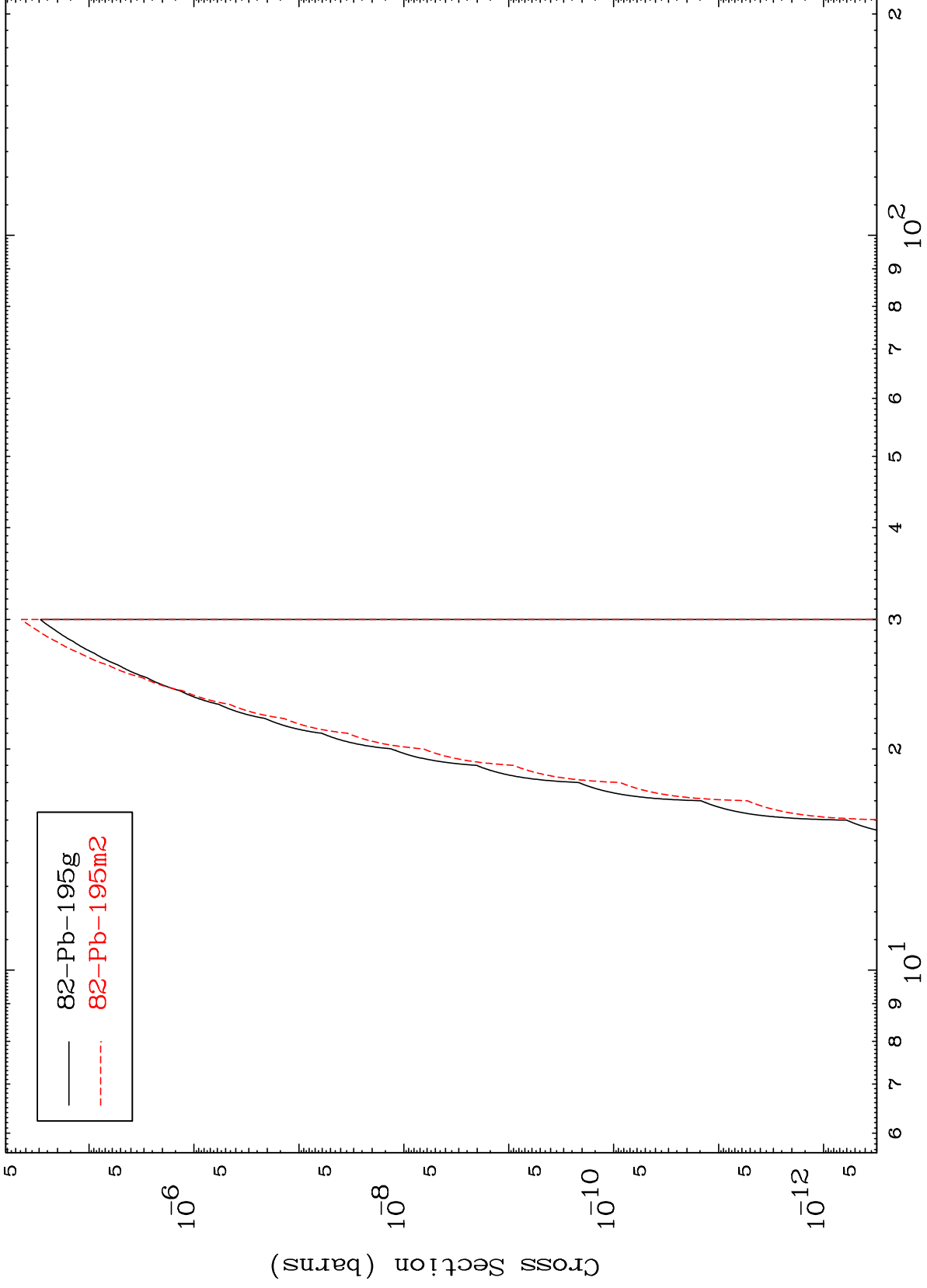


MAT 8401

(n,p) t

84-Po-198

Radionuclide Production Cross Section



117

Incident Energy (MeV)

84-Po-198

MAT 8401

(n,d)  $\alpha$

84-Po-198

Radionuclide Production Cross Section

