

Program EVALPLOT  
(Version 2018-1)

by

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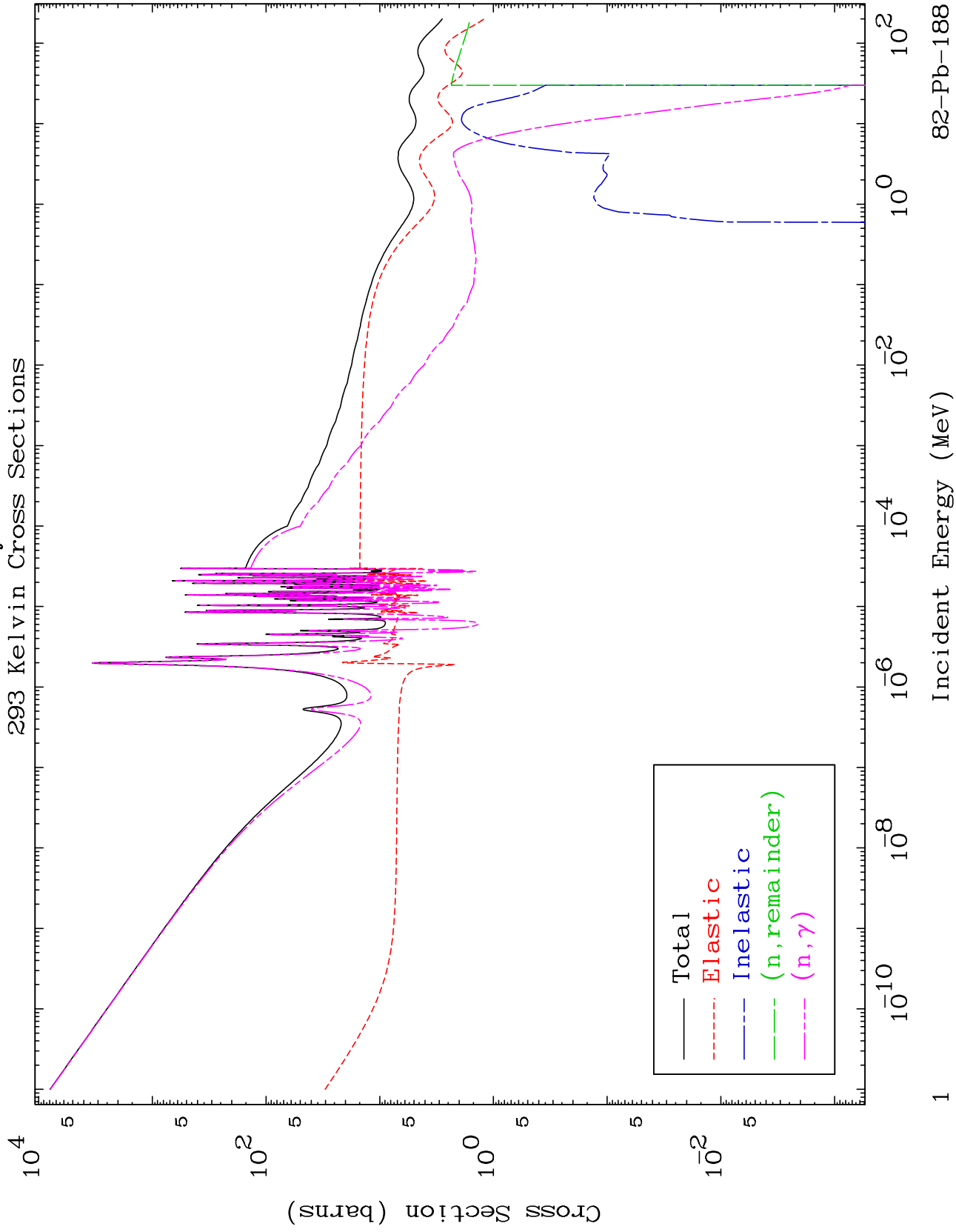
Press Mouse Button to Start

MAT 8177

Major

293 Kelvin Cross Sections

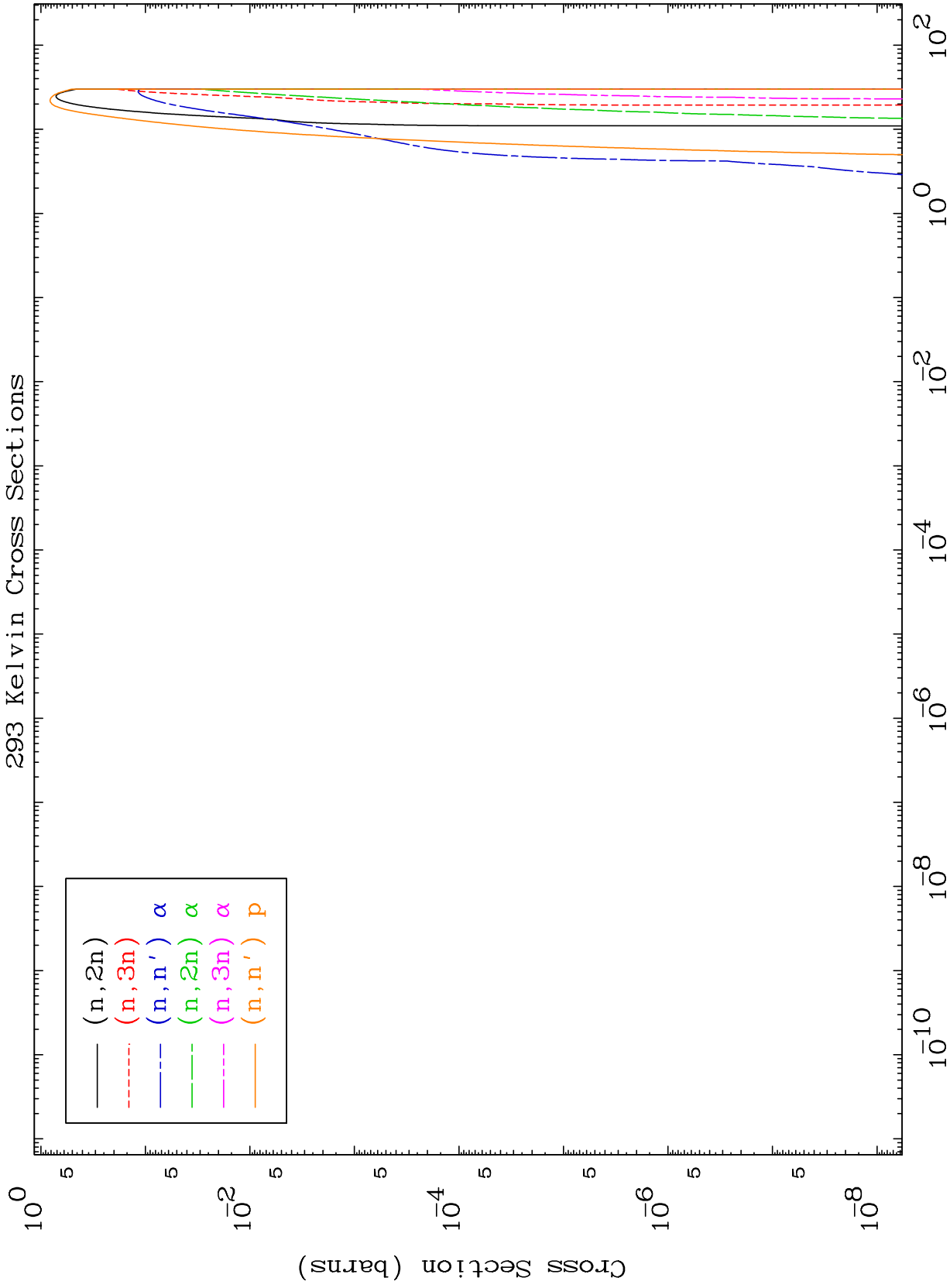
82-Pb-188



MAT 8177

Neutron Production  
293 Kelvin Cross Sections

82-Pb-188



2

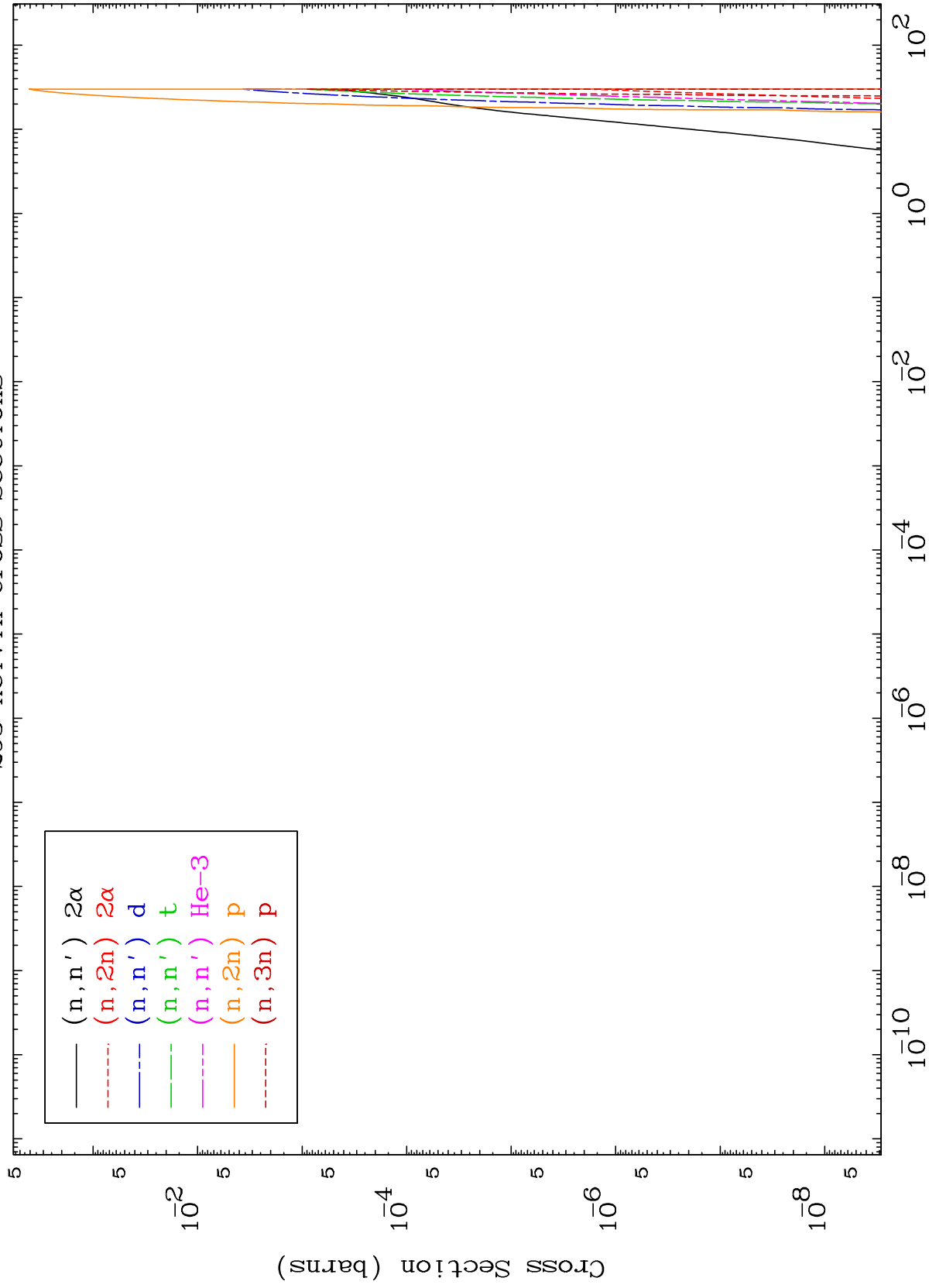
Incident Energy (MeV)

82-Pb-188

MAT 8177

Neutron Production  
293 Kelvin Cross Sections

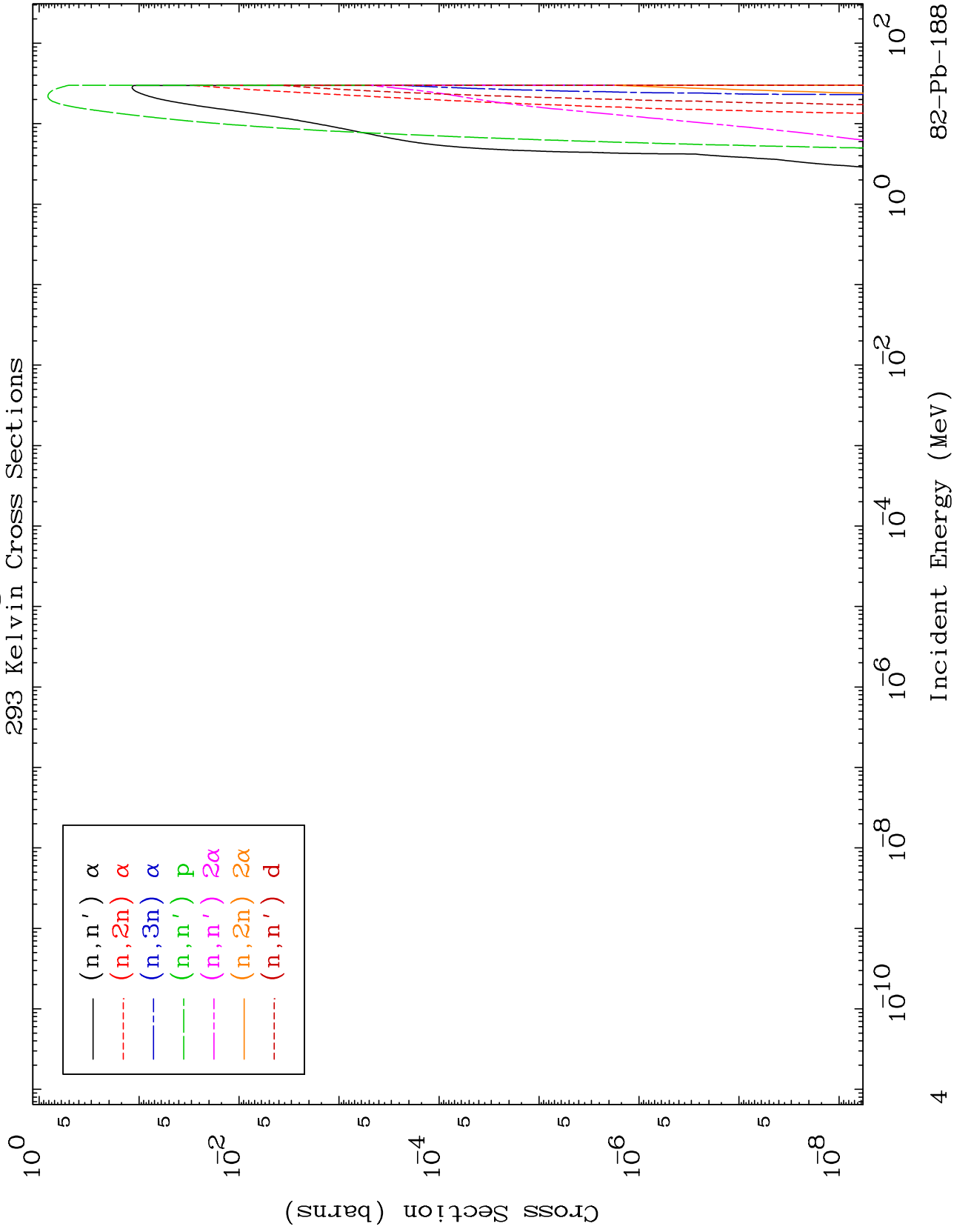
82-Pb-188



MAT 8177

293 Kelvin Cross Sections

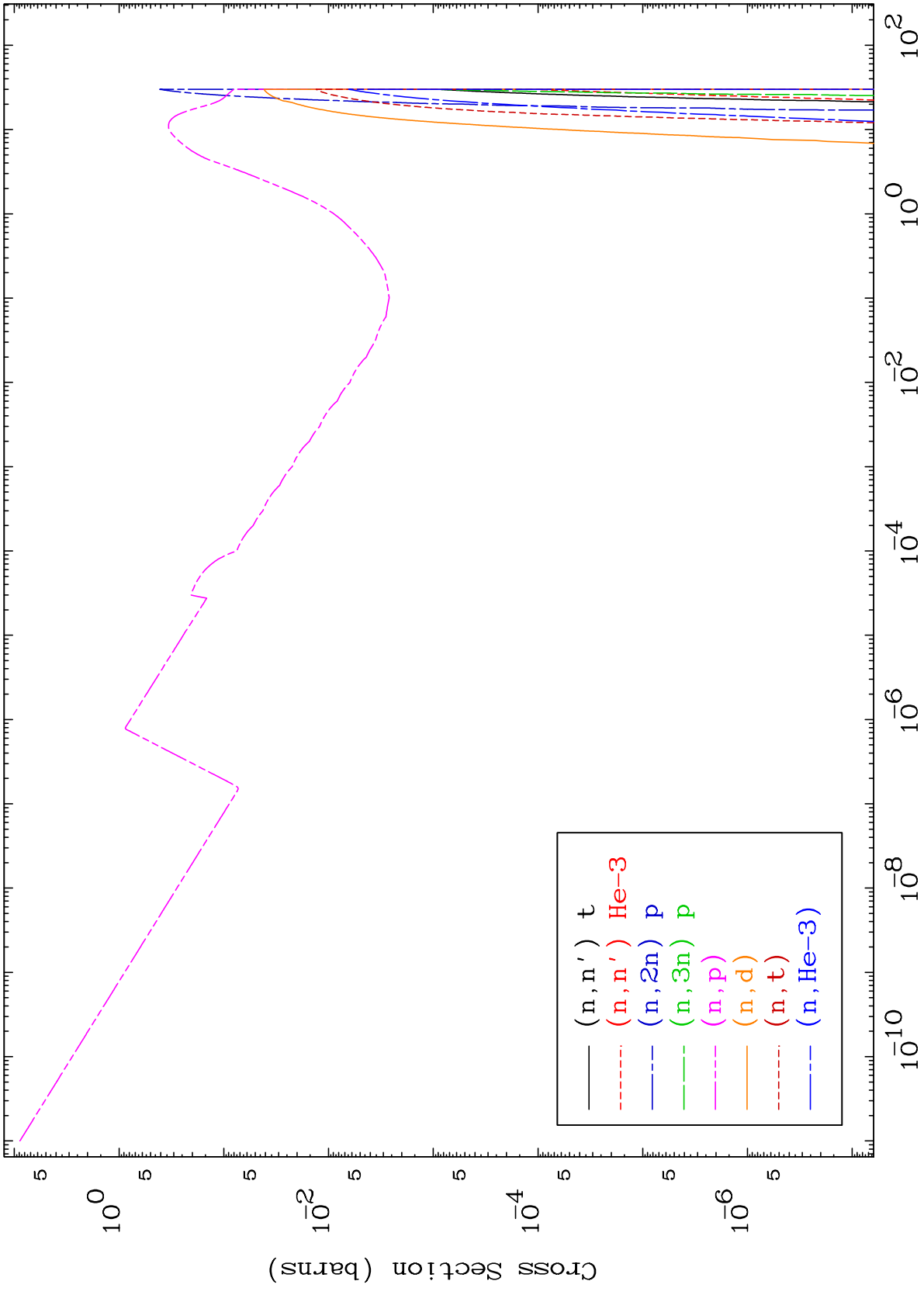
82-Pb-188



MAT 8177

Charged Particle  
293 Kelvin Cross Sections

82-Pb-188

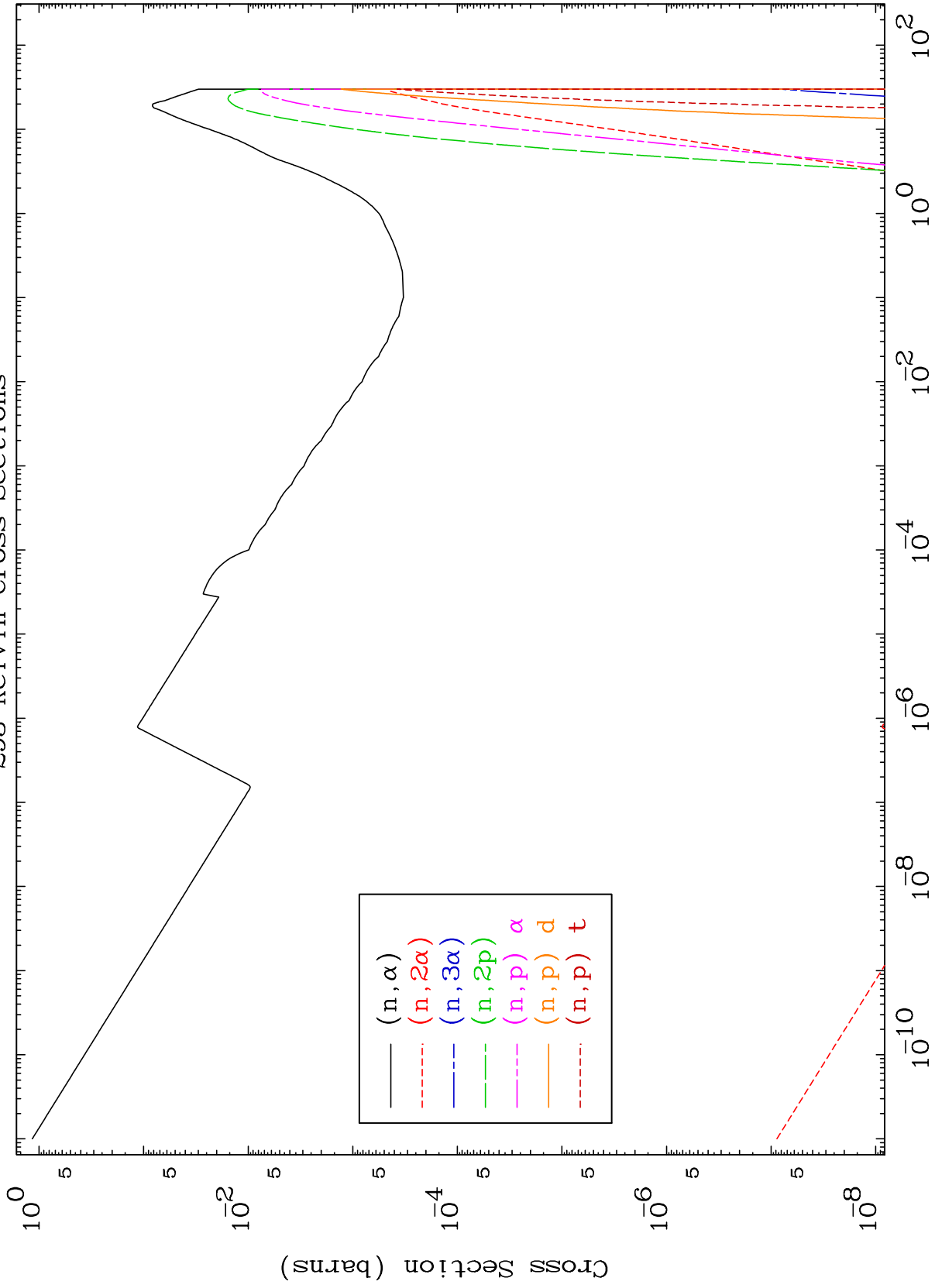


82-Pb-188

MAT 8177

293 Kelvin Cross Sections

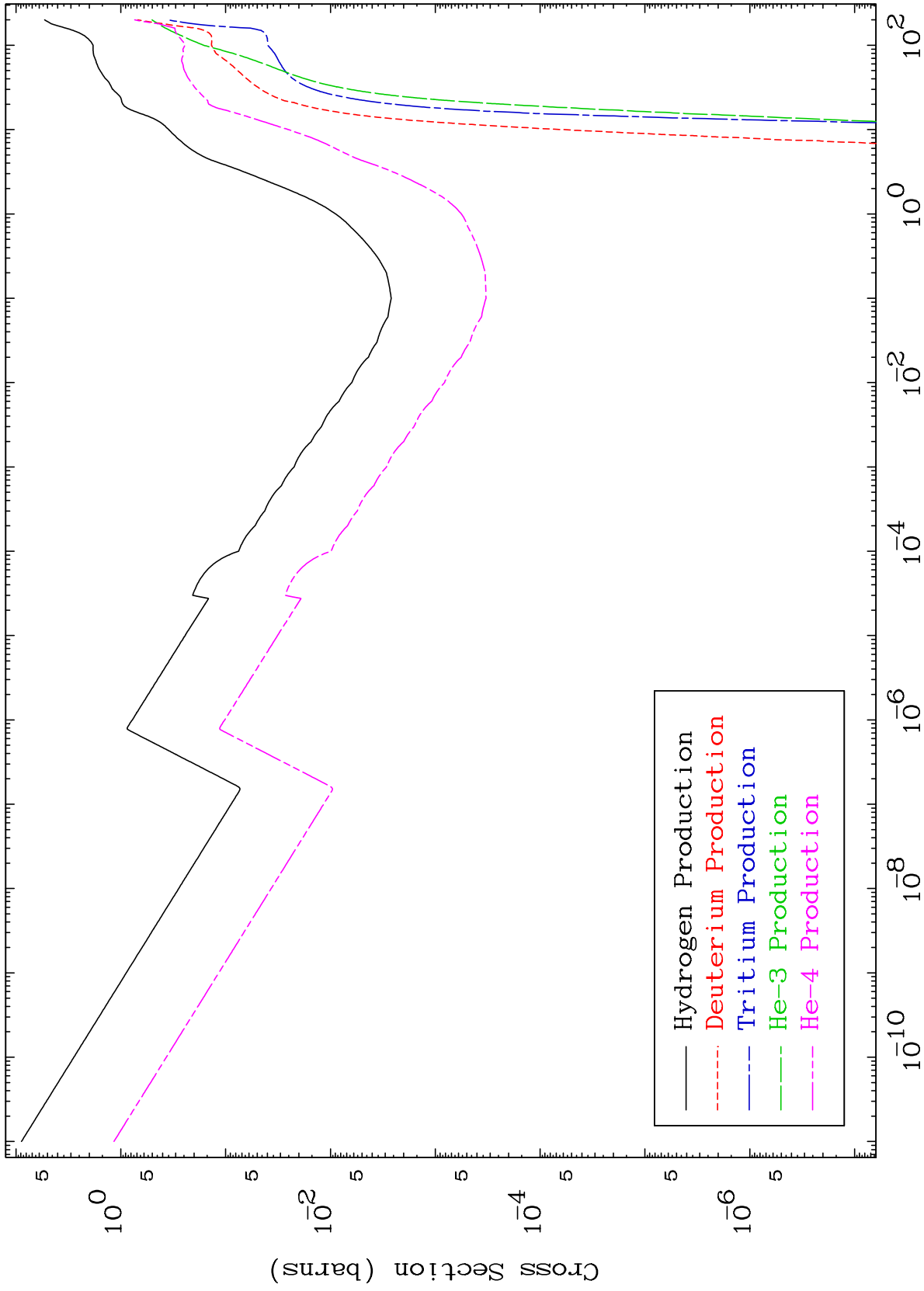
82-Pb-188



MAT 8177

Particle Production  
293 Kelvin Cross Sections

82-Pb-188



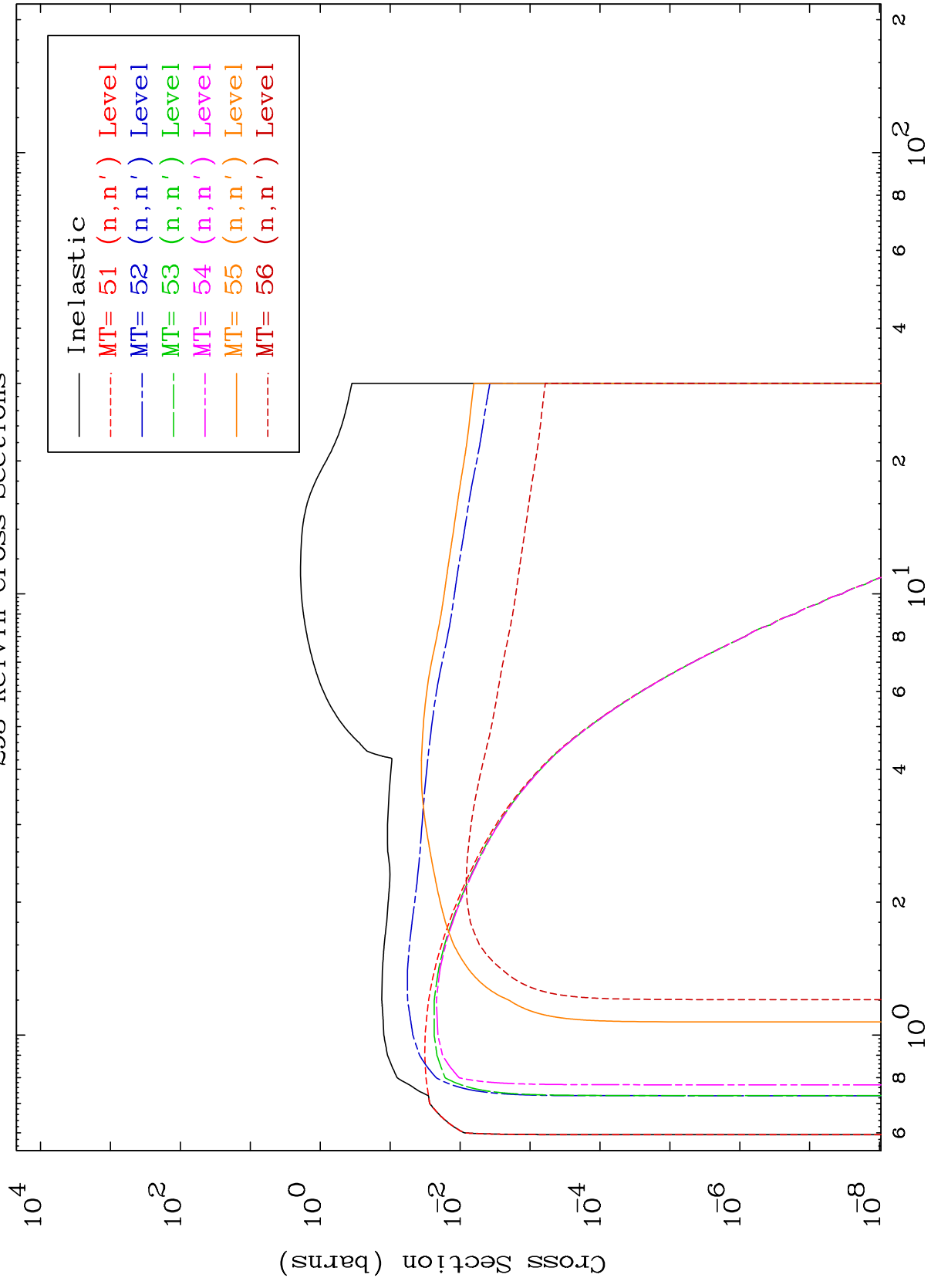


MAT 8177

(n,n') Level

82-Pb-188

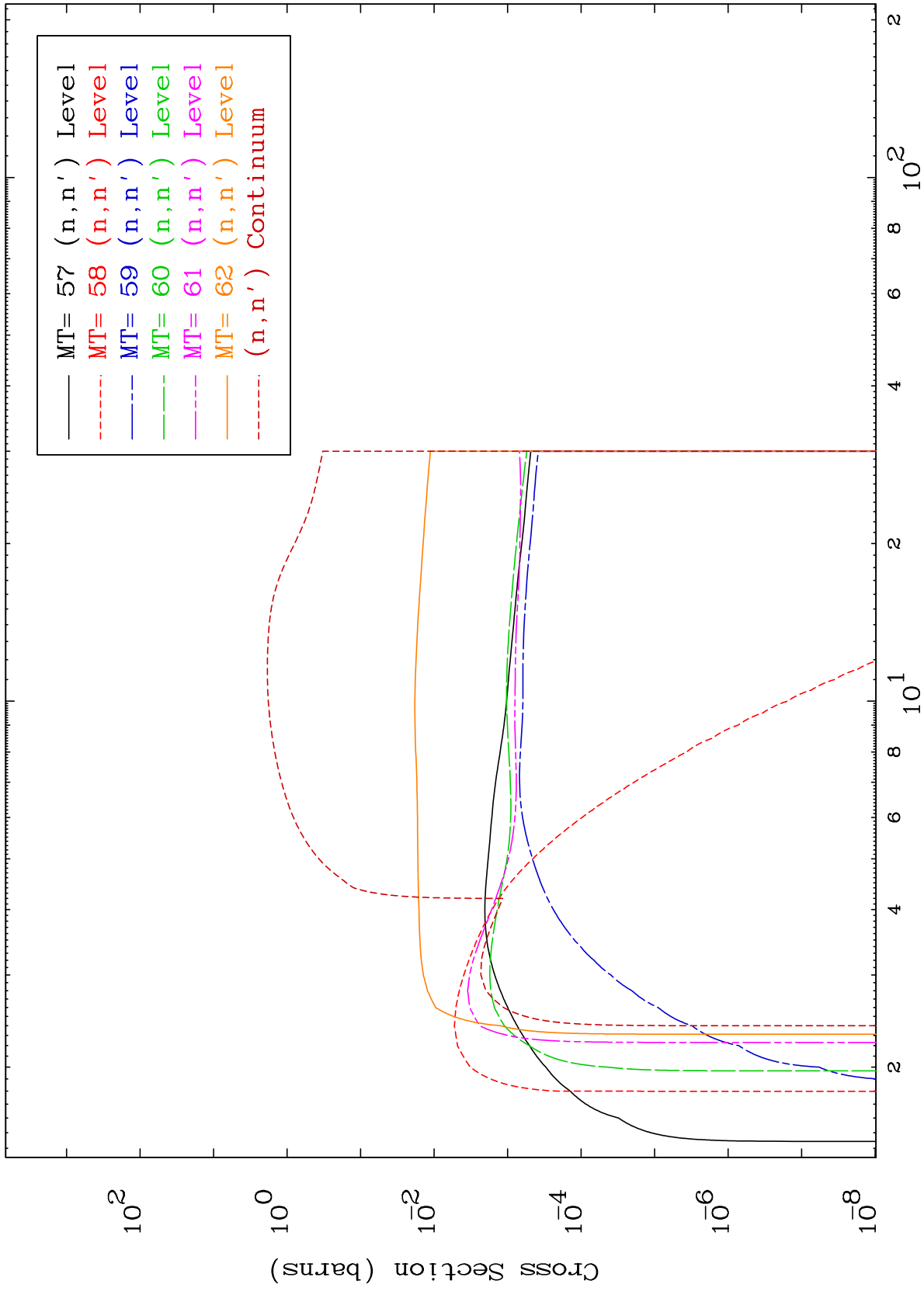
293 Kelvin Cross Sections



8

Incident Energy (MeV)

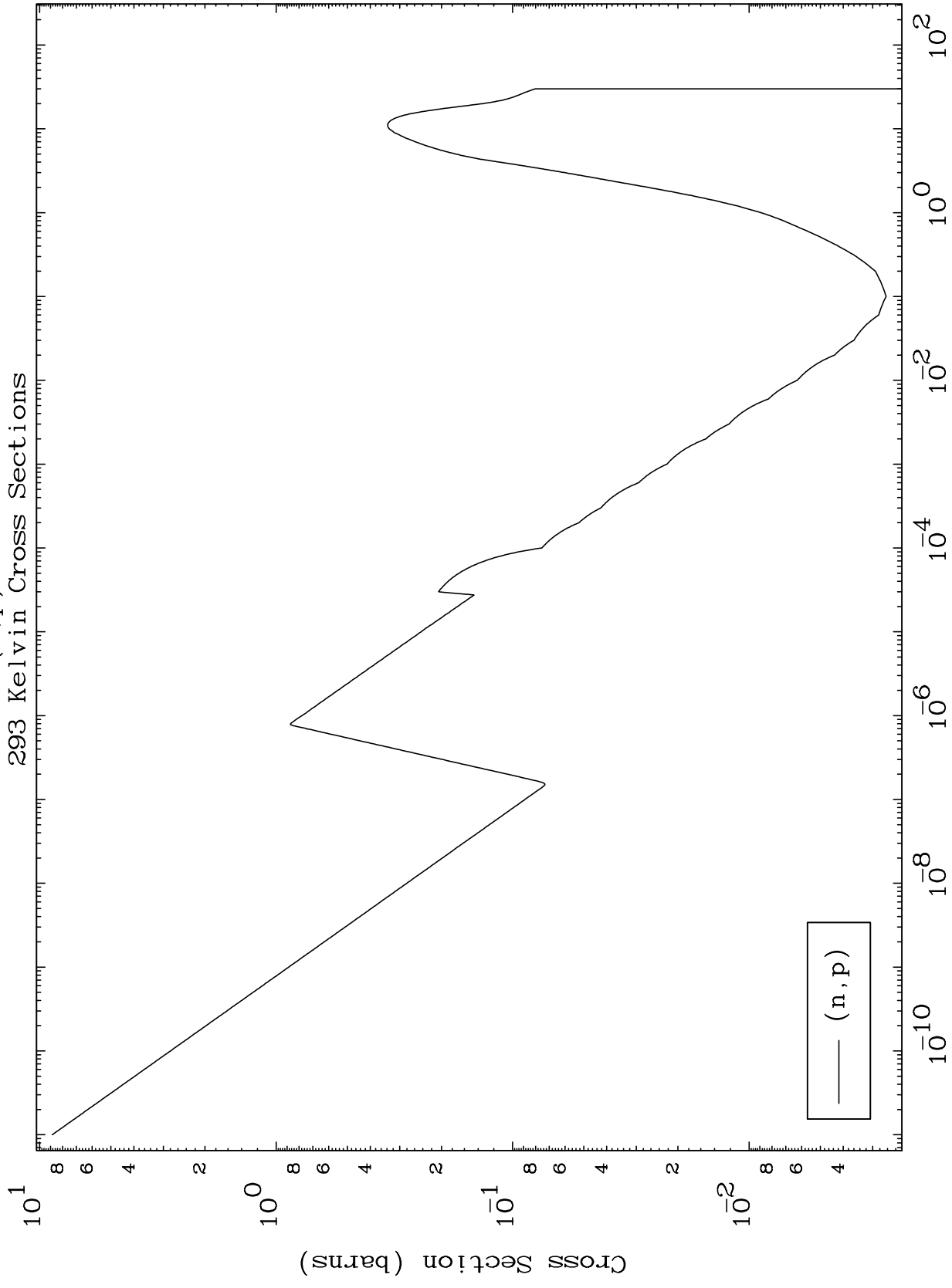
82-Pb-188



MAT 8177

(n,p) Levels  
293 Kelvin Cross Sections

82-Pb-188



10

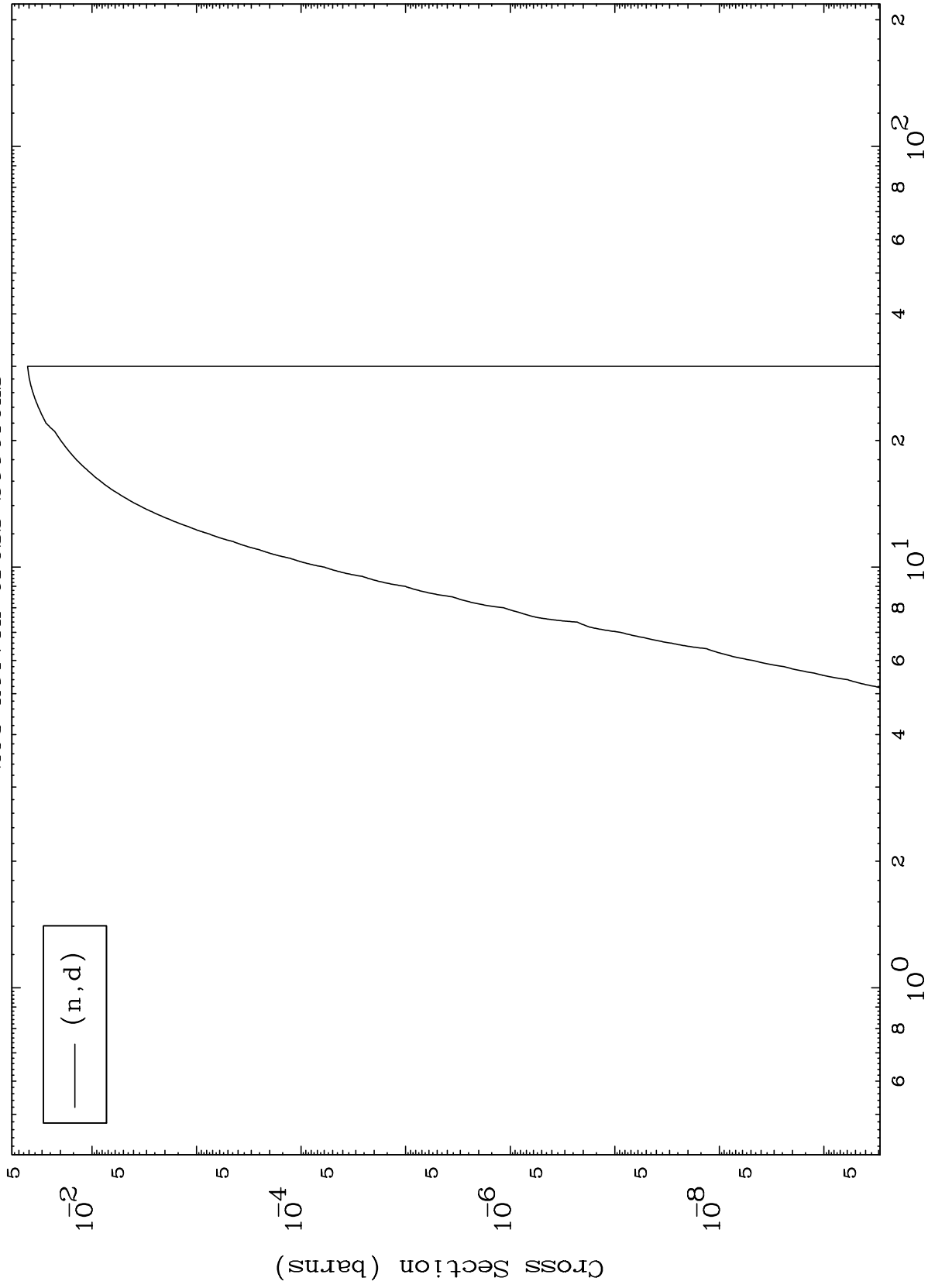
Incident Energy (MeV)

82-Pb-188

MAT 8177

(n,d) Levels  
293 Kelvin Cross Sections

82-Pb-188



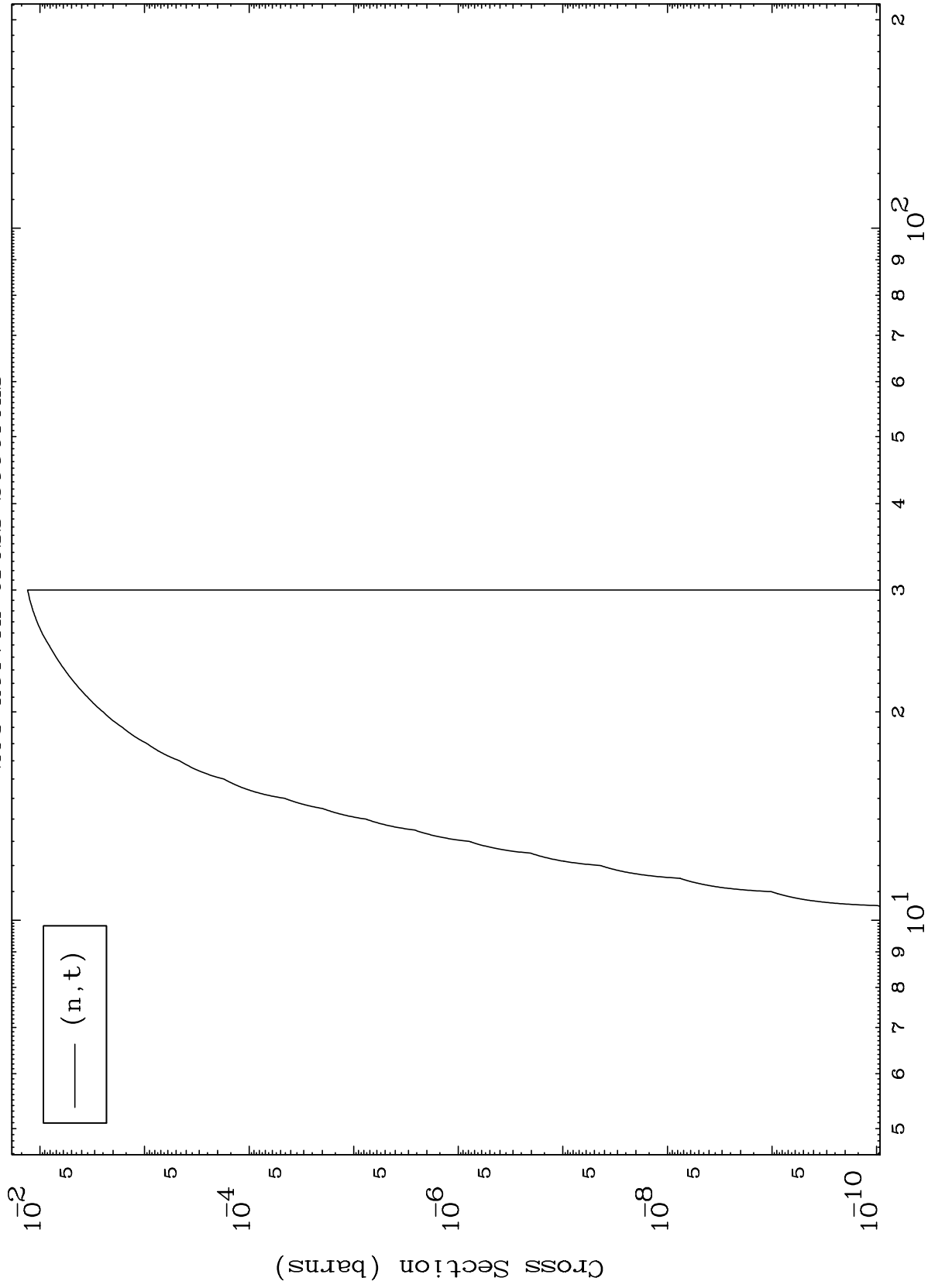
11

82-Pb-188

MAT 8177

(n,t) Levels  
293 Kelvin Cross Sections

82-Pb-188



12

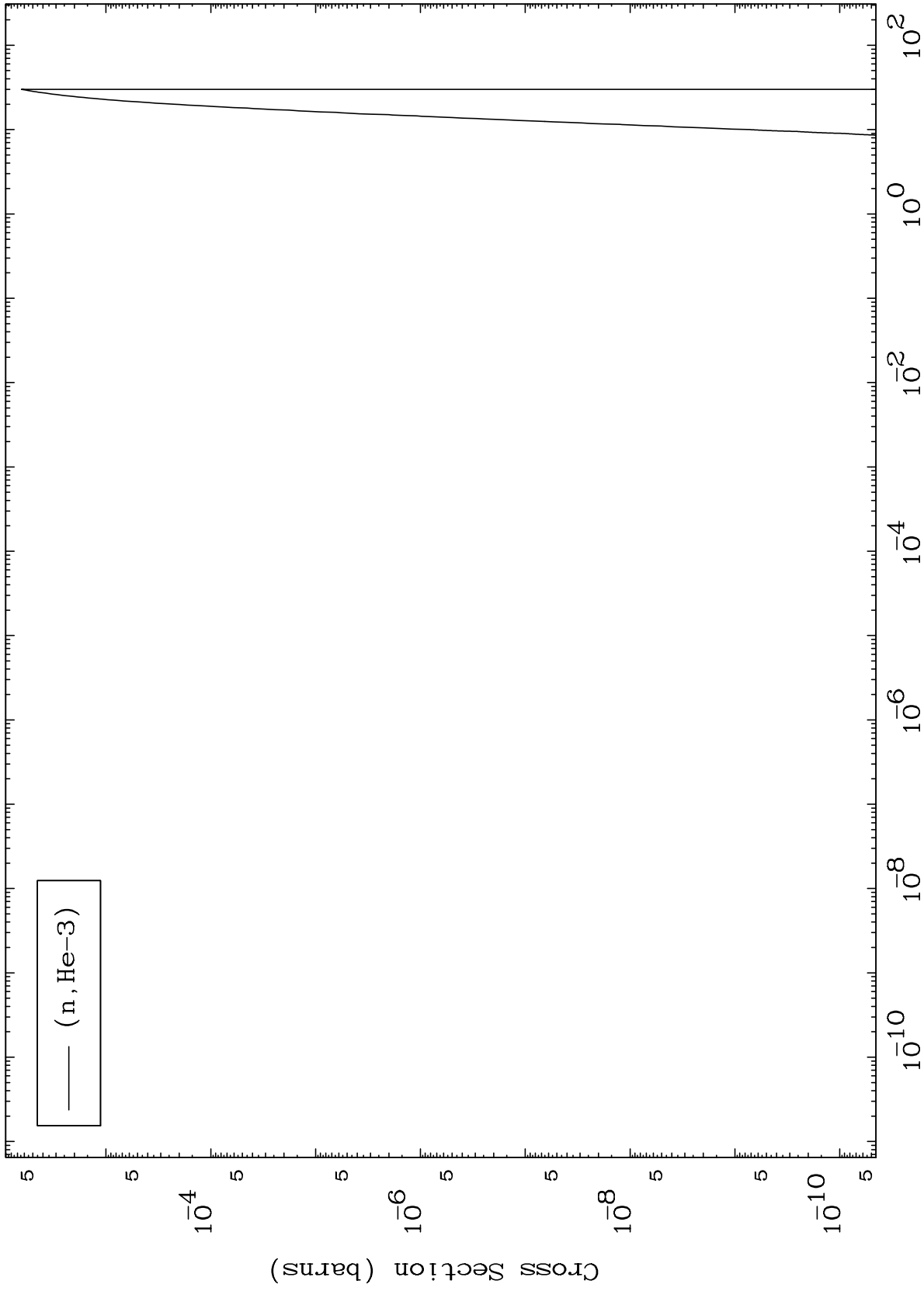
Incident Energy (MeV)

82-Pb-188

MAT 8177

(n,He3) Levels  
293 Kelvin Cross Sections

82-Pb-188



13

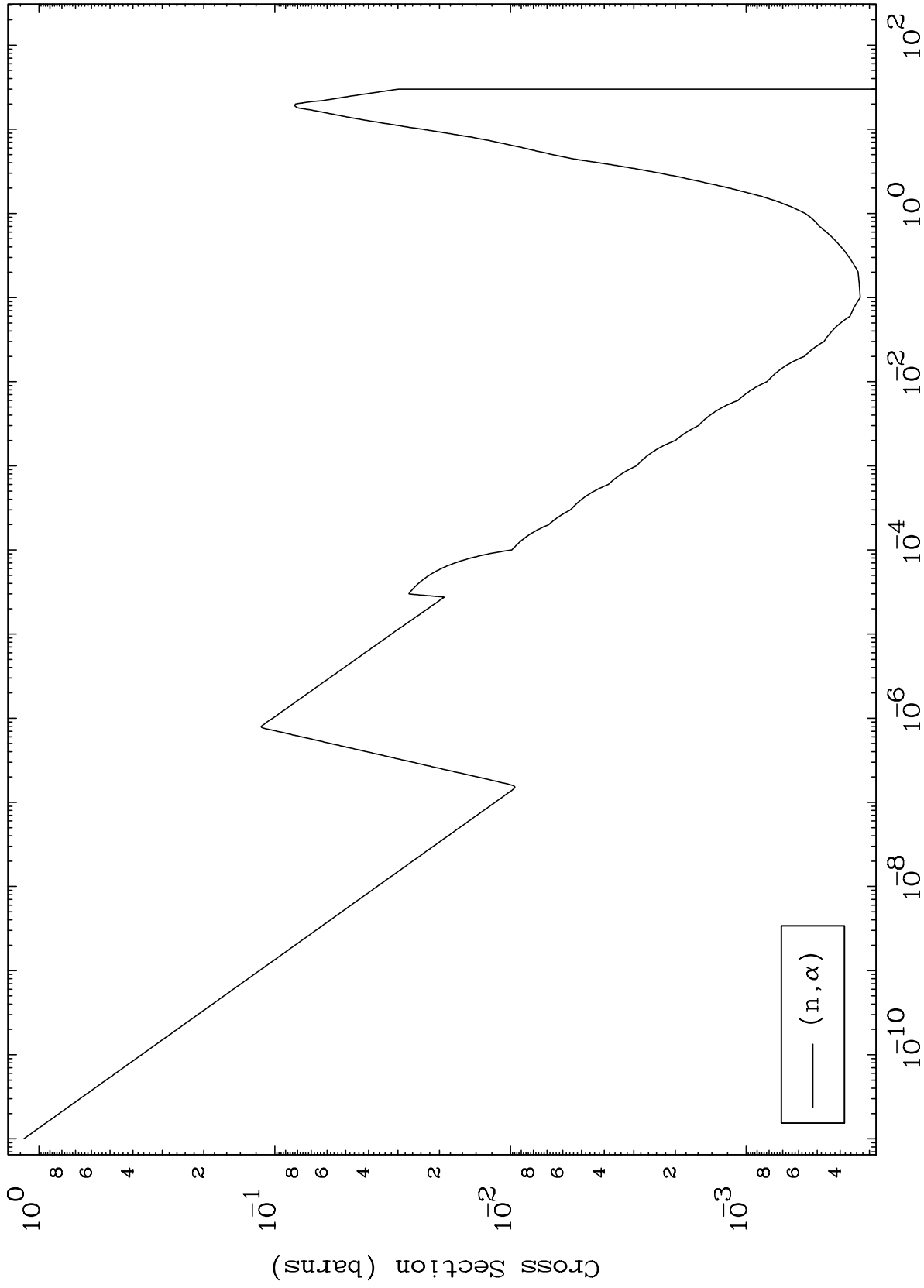
Incident Energy (MeV)

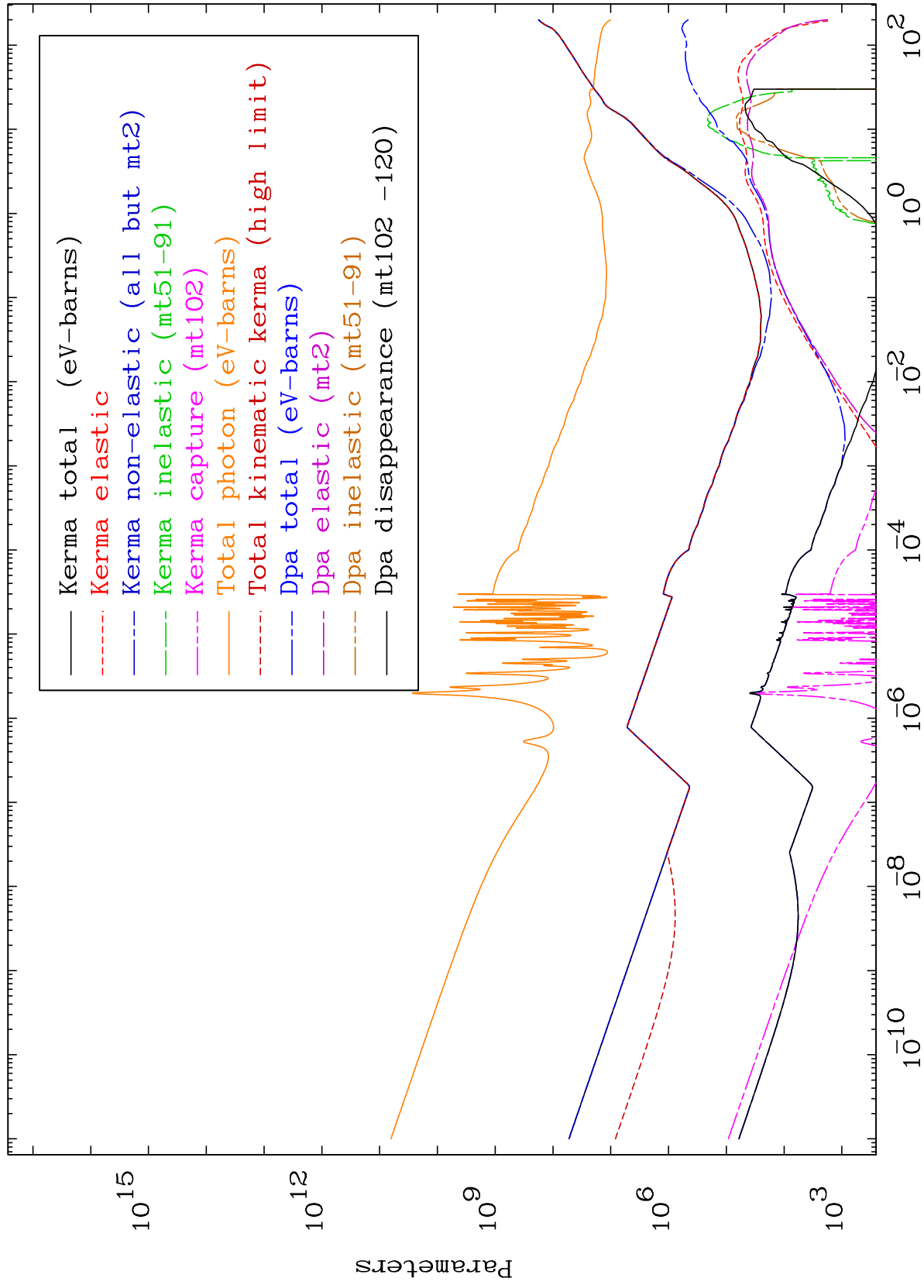
82-Pb-188

MAT 8177

(n,α) Levels  
293 Kelvin Cross Sections

82-Pb-188



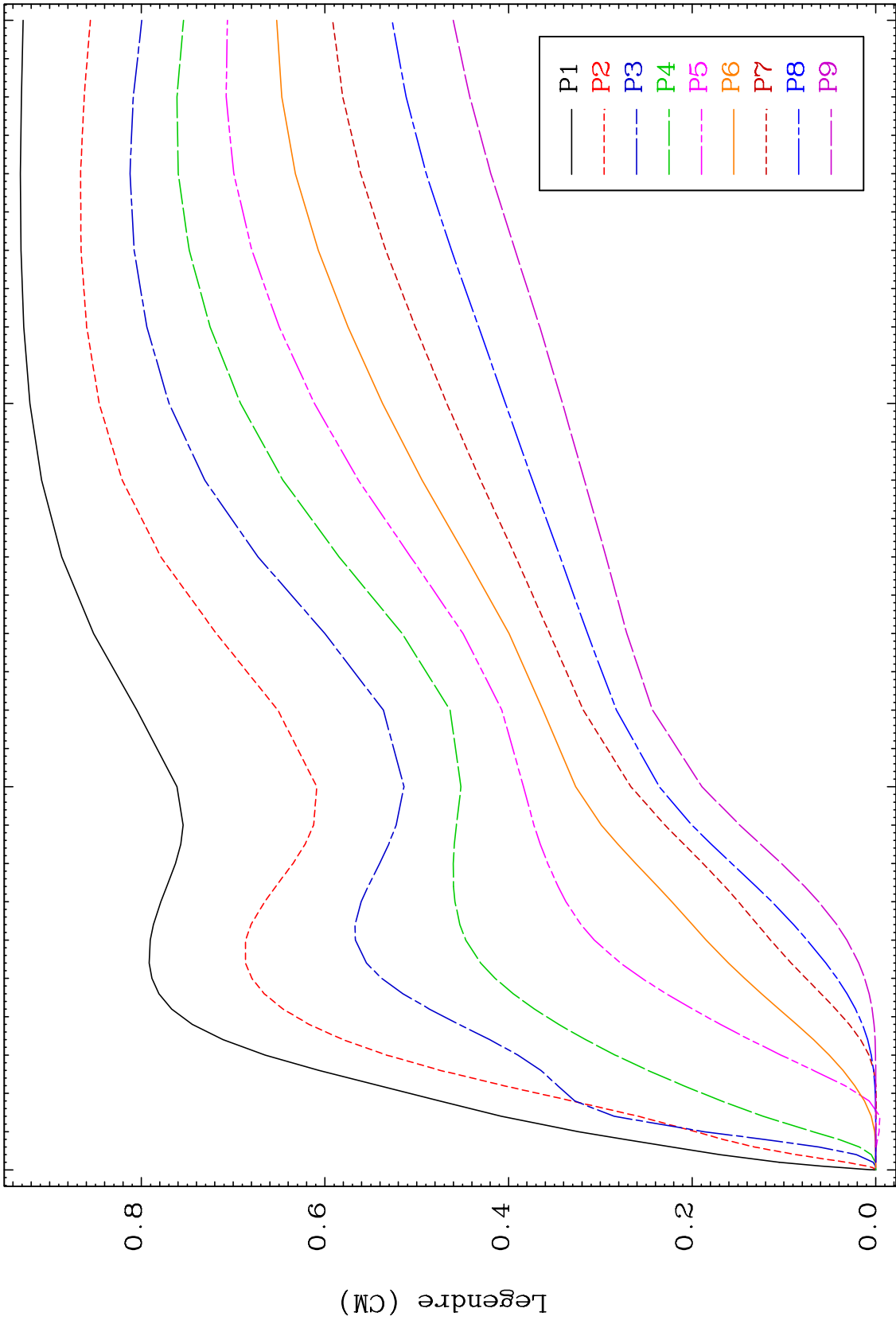




MAT 8177

Elastic Legendre Coefficients

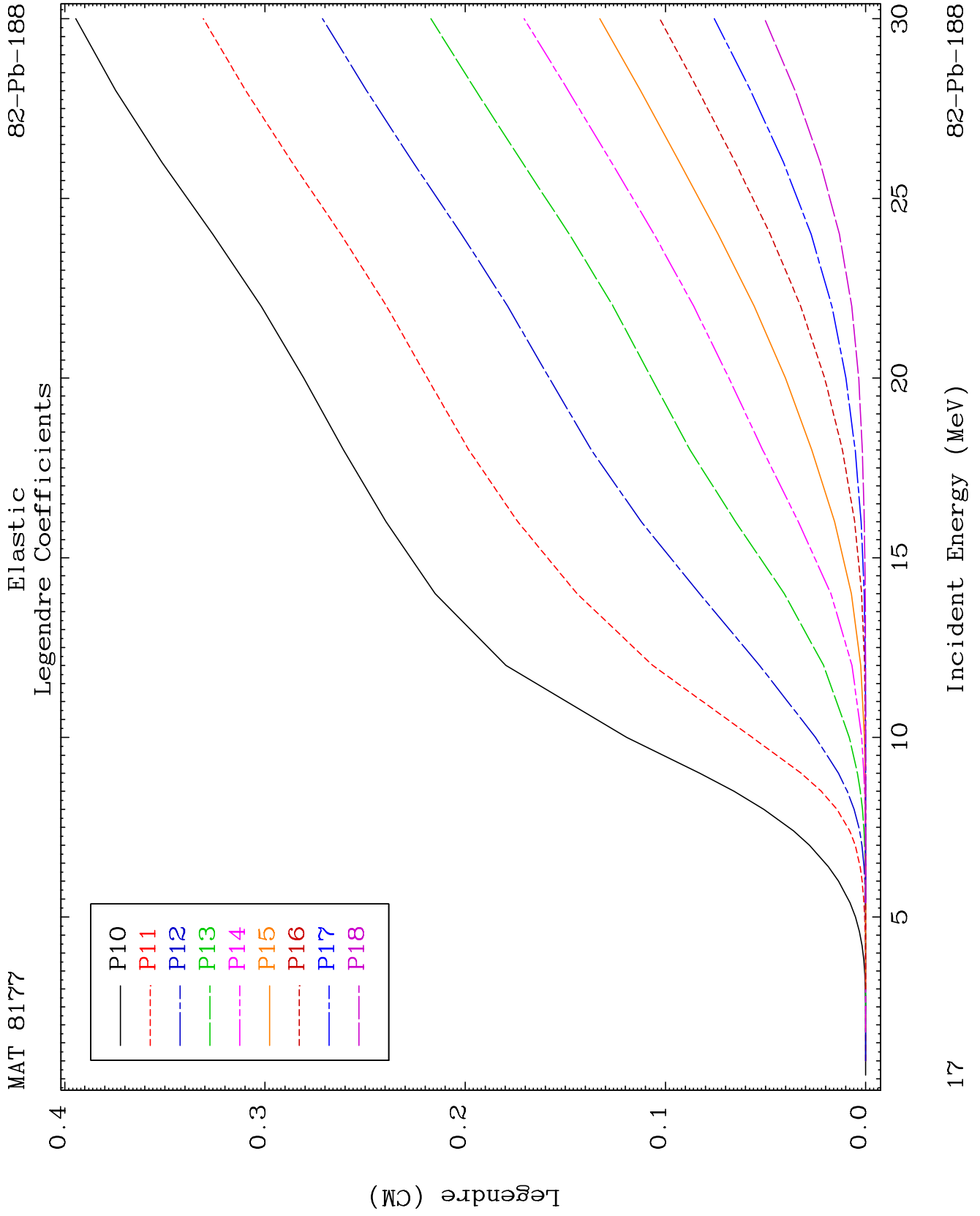
82-Pb-188



16

Incident Energy (MeV)

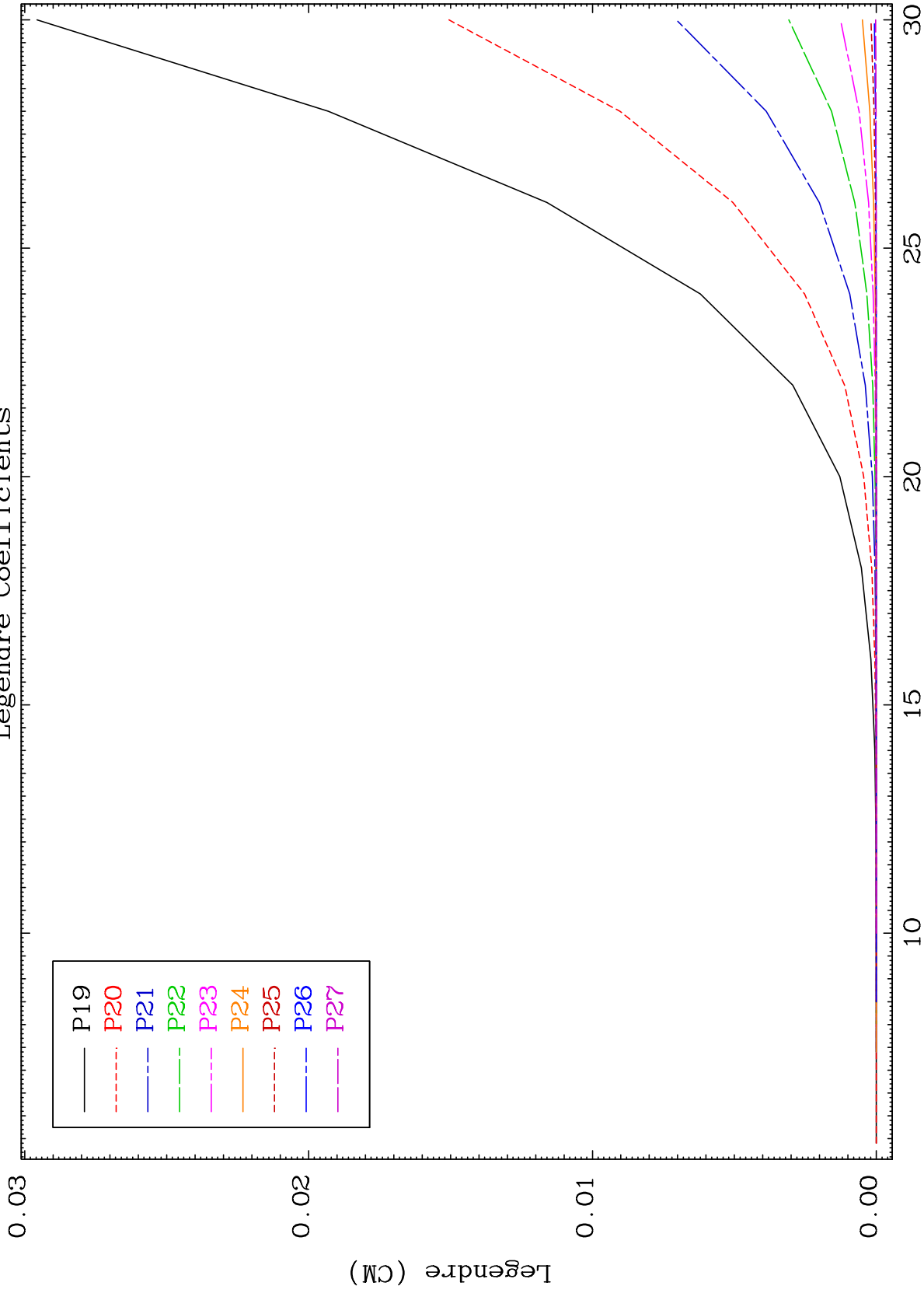
82-Pb-188



MAT 8177

Elastic Legendre Coefficients

82-Pb-188



18

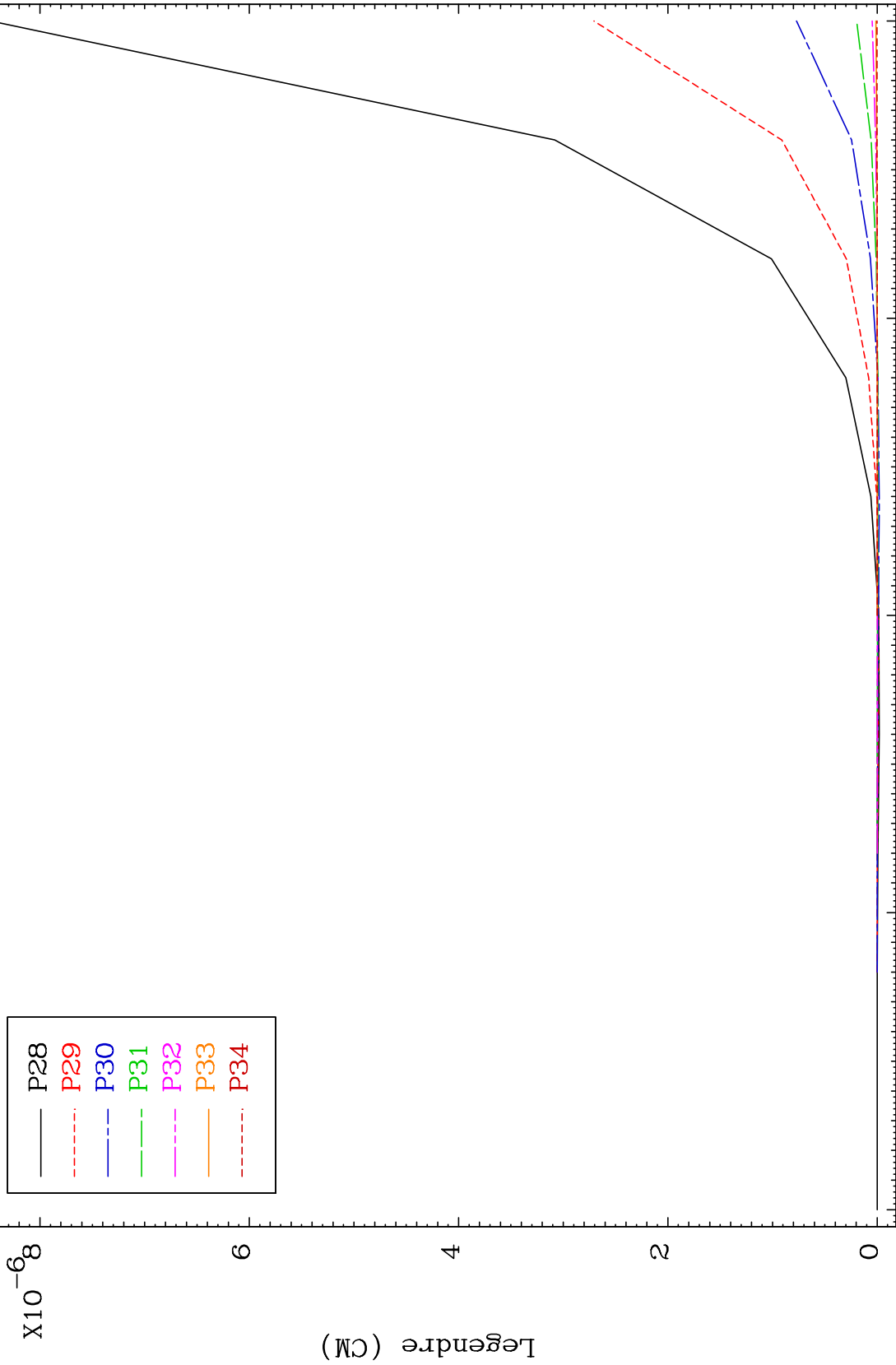
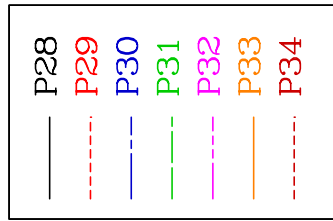
Incident Energy (MeV)

82-Pb-188

MAT 8177

Elastic Legendre Coefficients

82-Pb-188

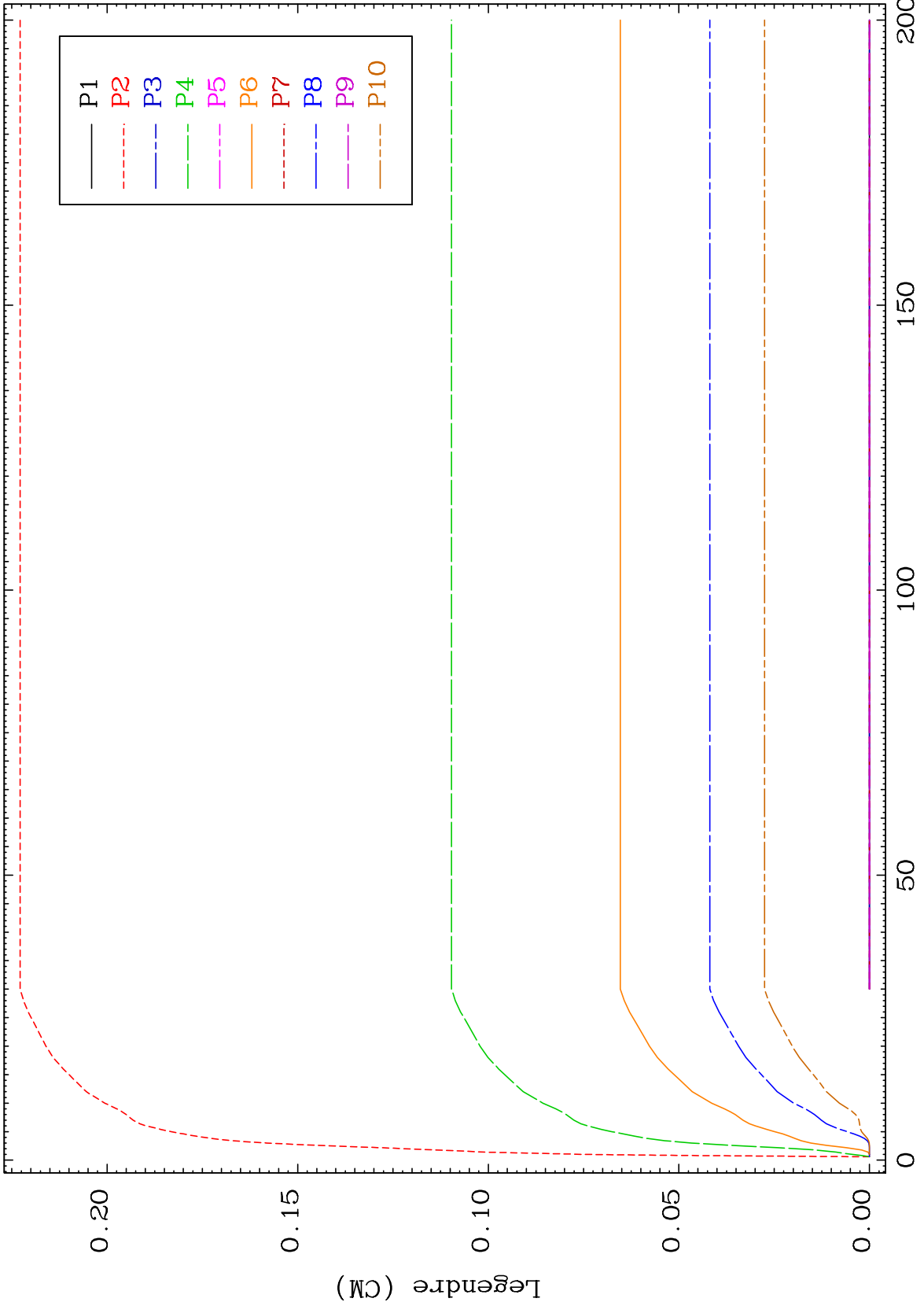


19

Incident Energy (MeV)

82-Pb-188

MAT 8177 MT= 51 (n,n') Level Legendre Coefficients 82-Pb-188

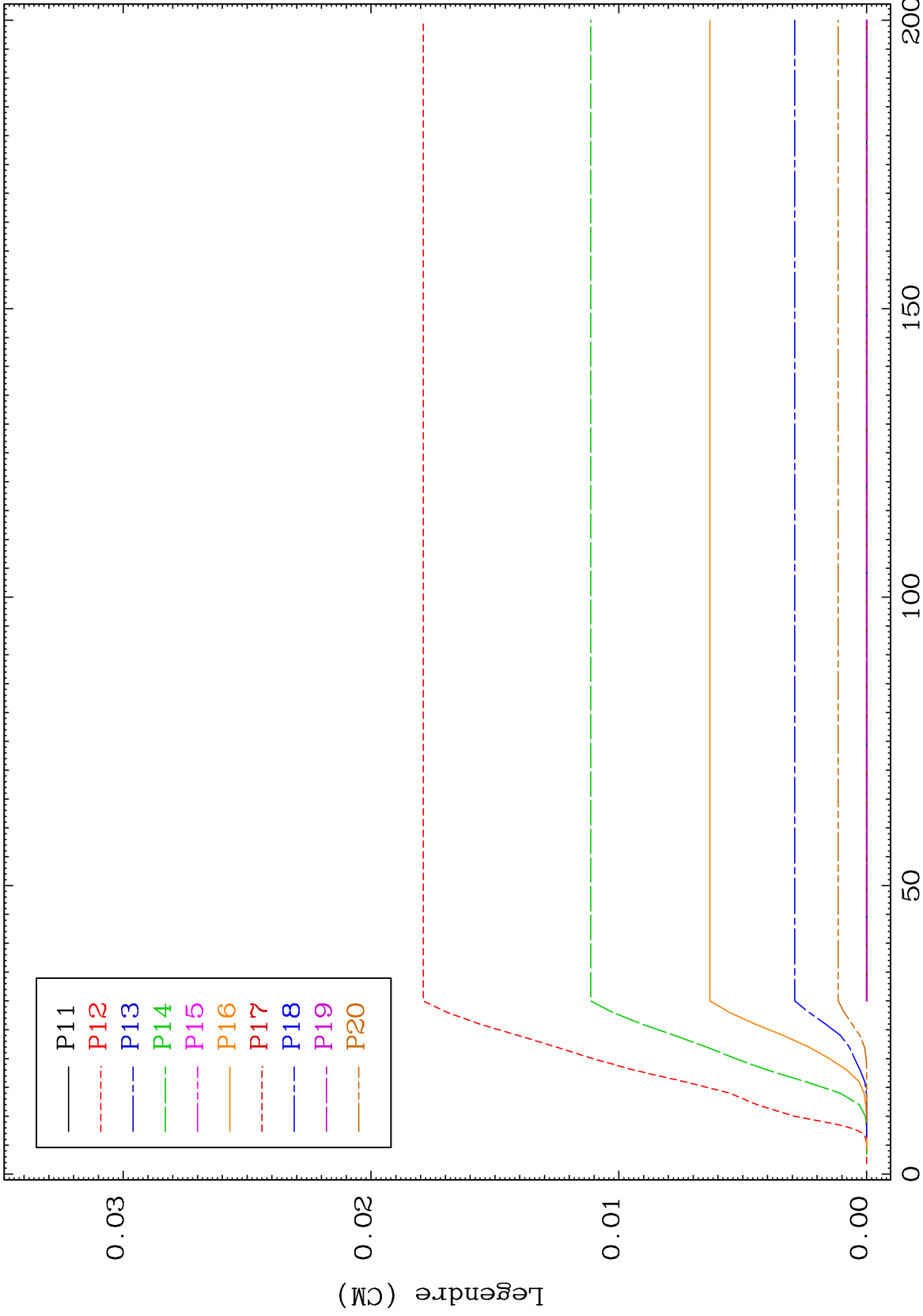


82-Pb-188 Incident Energy (MeV)

MAT 8177

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

82-Pb-188



21

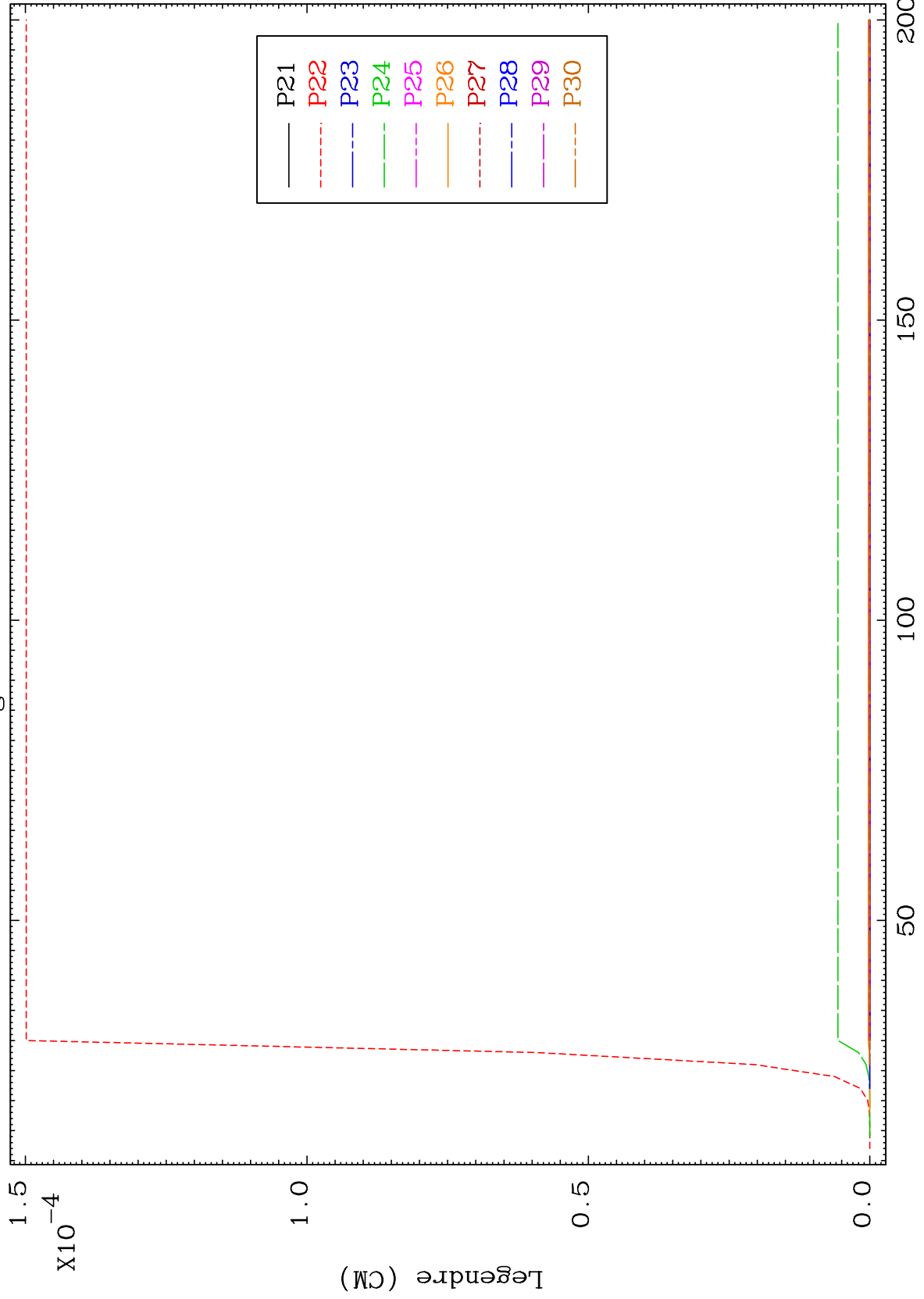
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



82-Pb-188

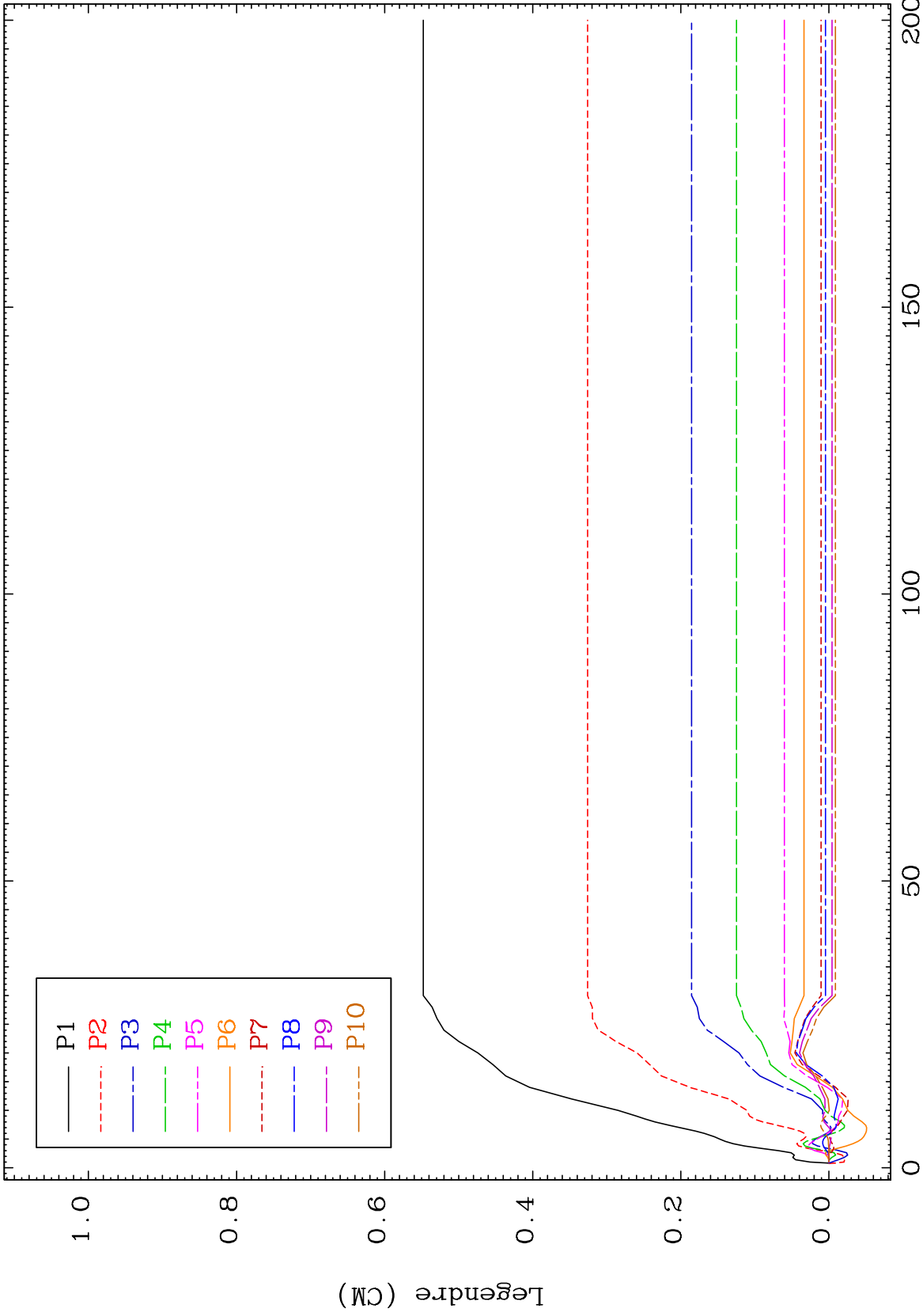
Incident Energy (MeV)

22

MAT 8177

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

82-Pb-188



23

Incident Energy (MeV)

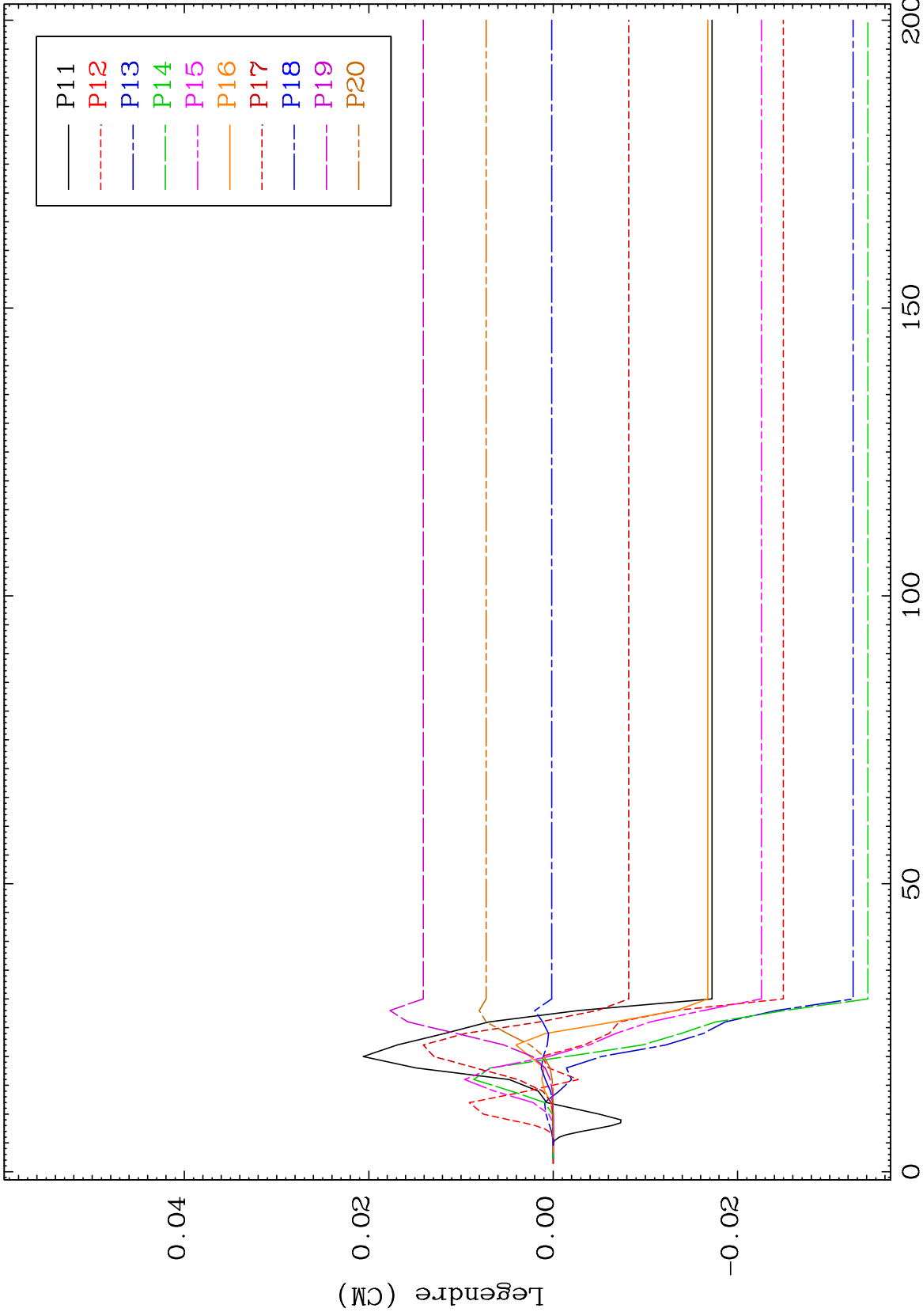
82-Pb-188



MAT 8177

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

82-Pb-188



24

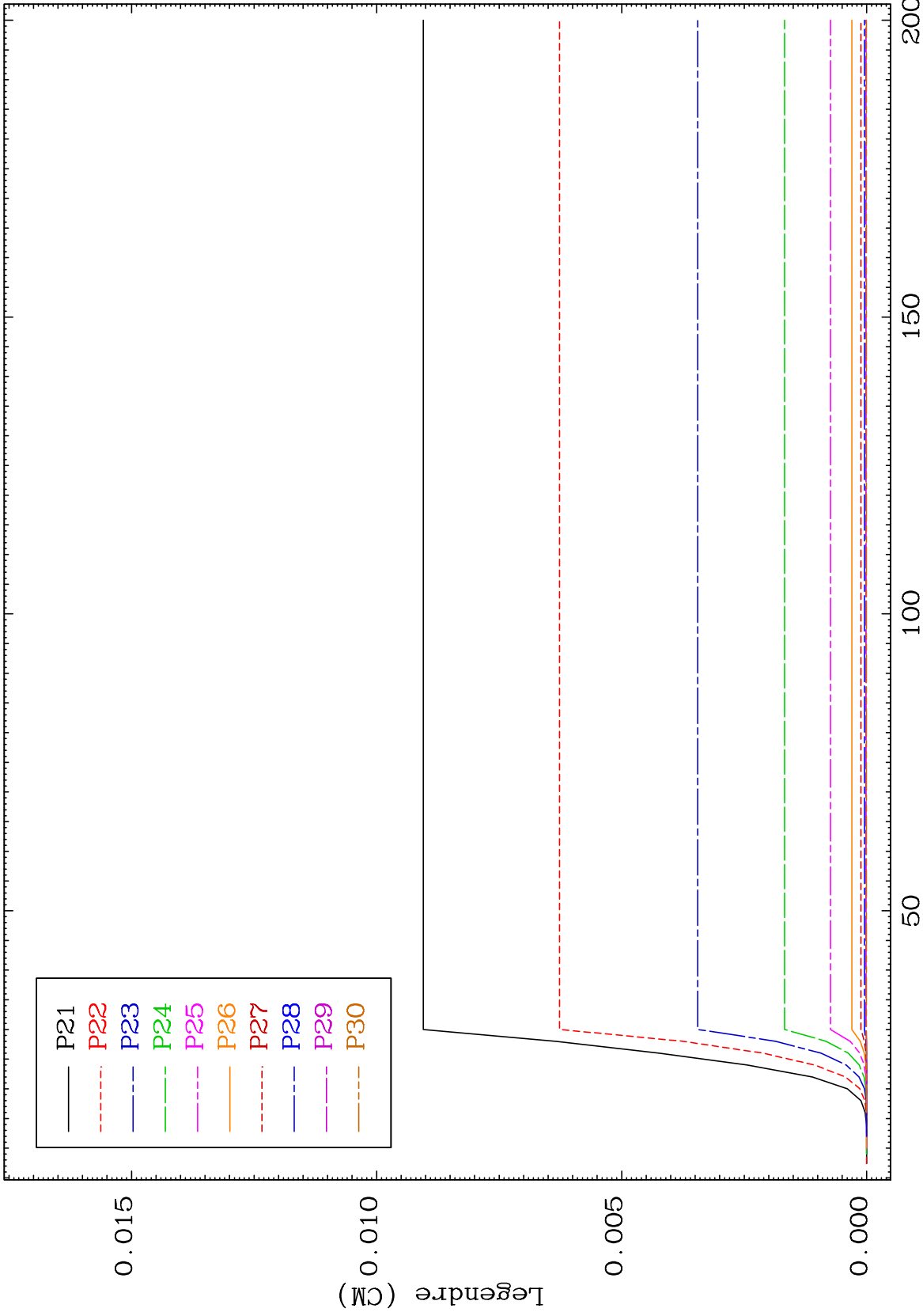
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



25

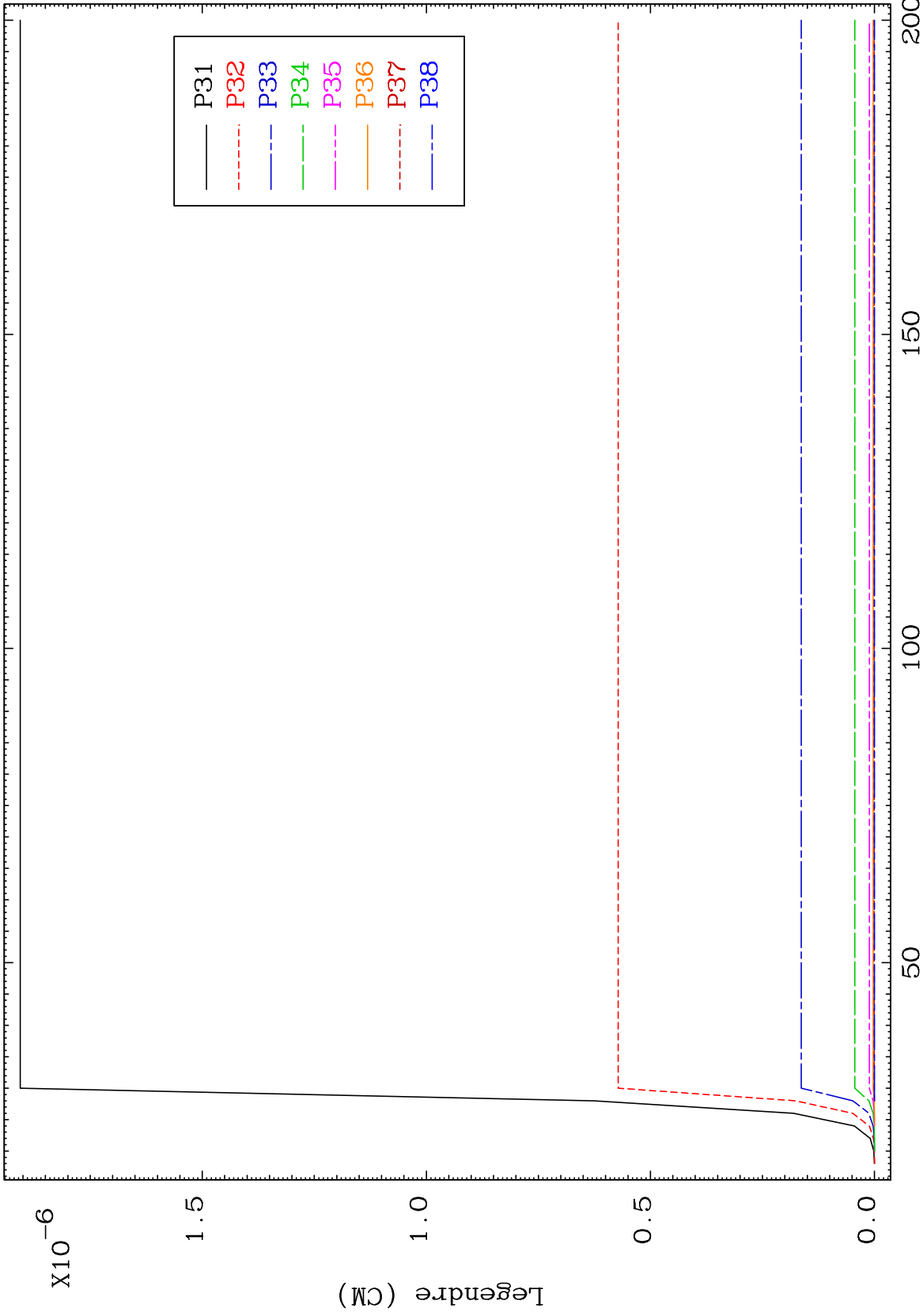
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



26

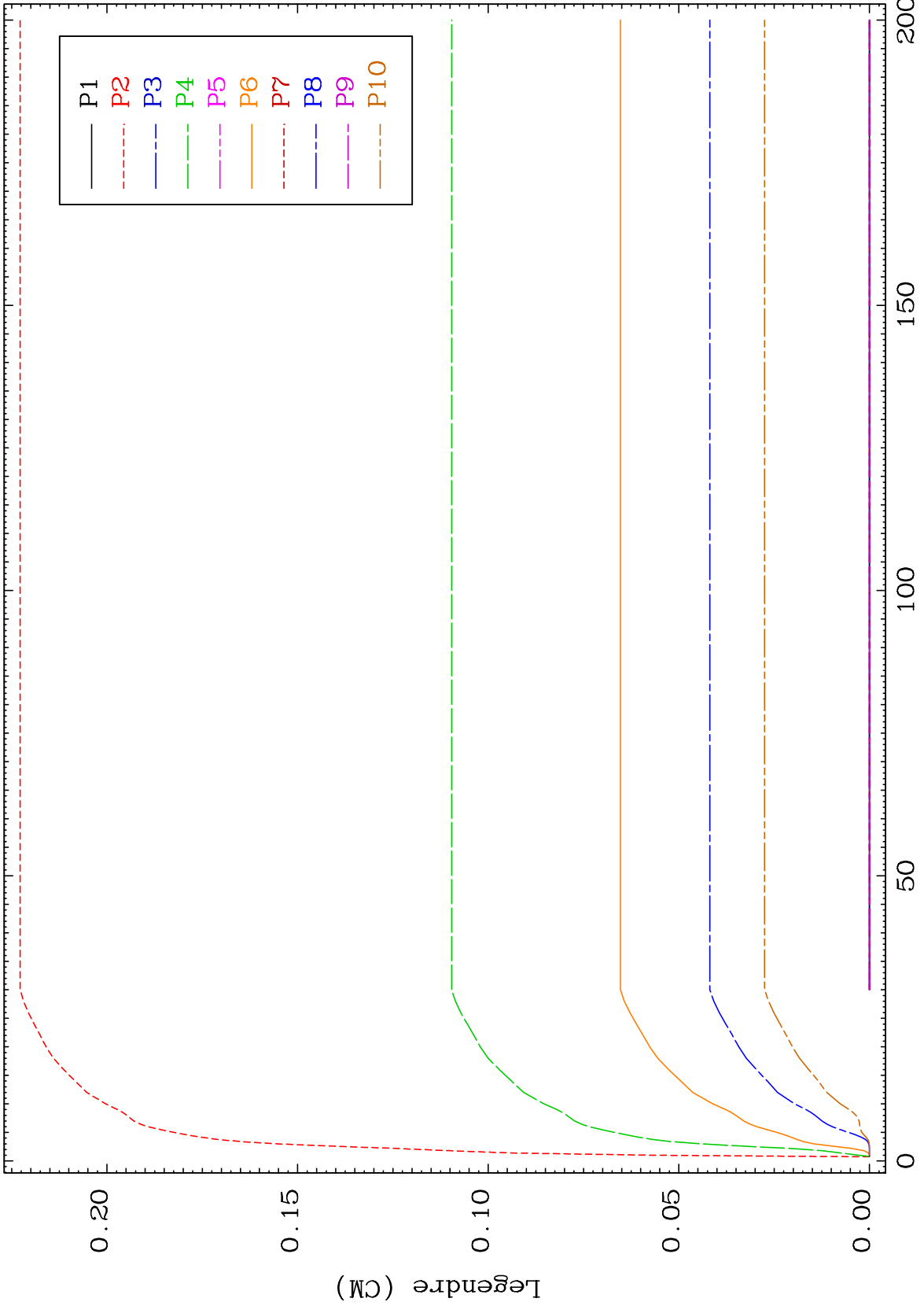
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



27

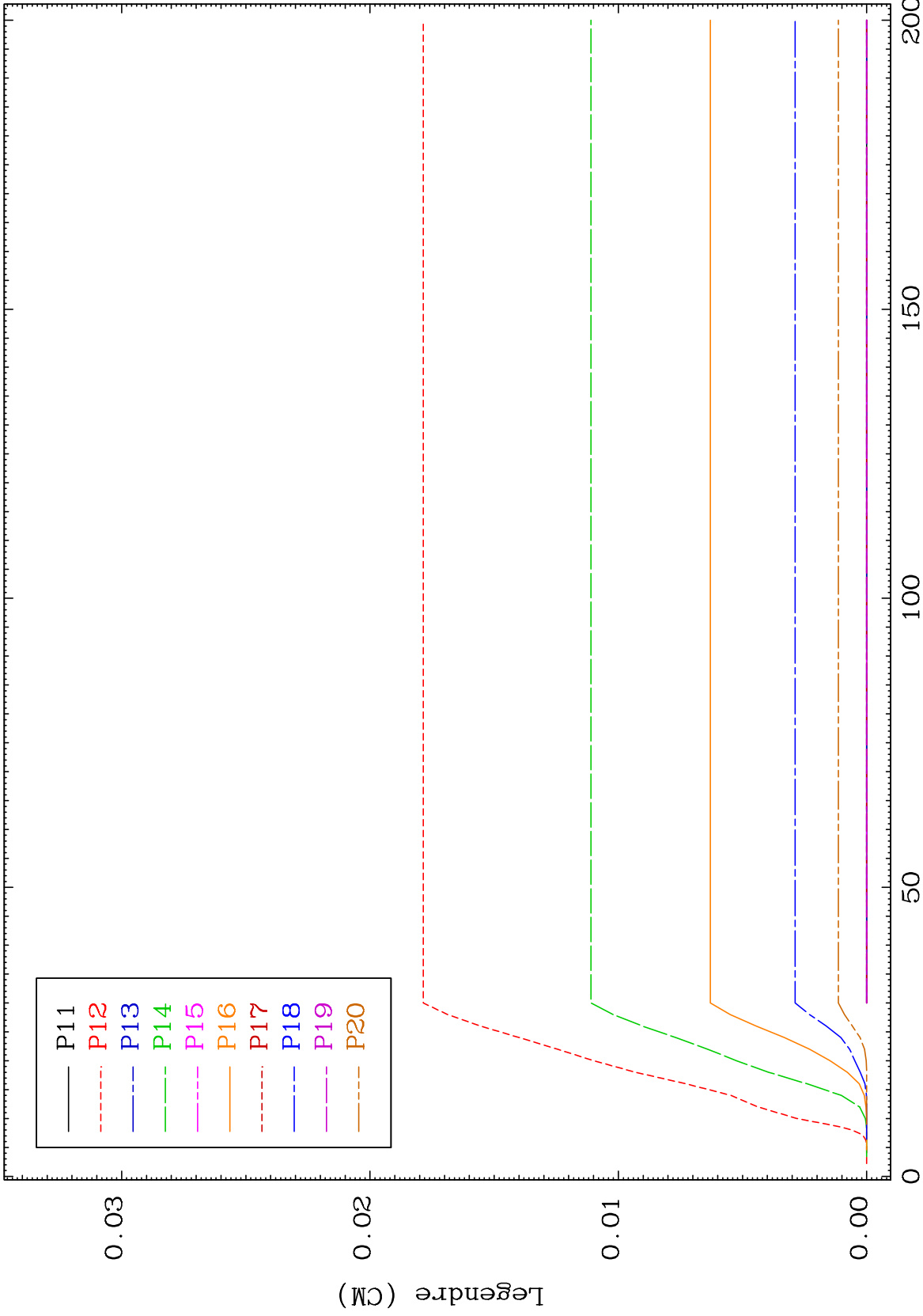
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



28

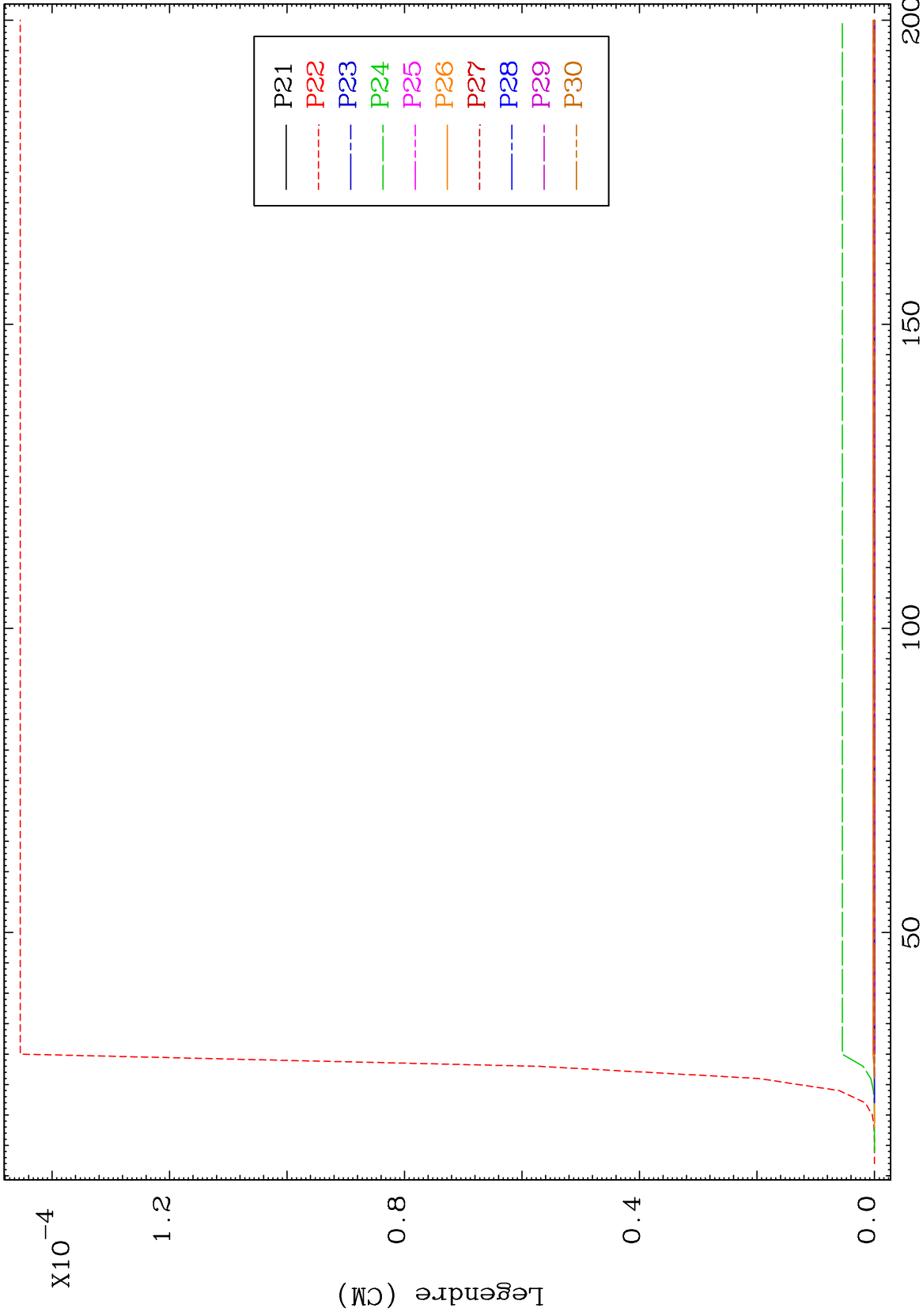
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



29

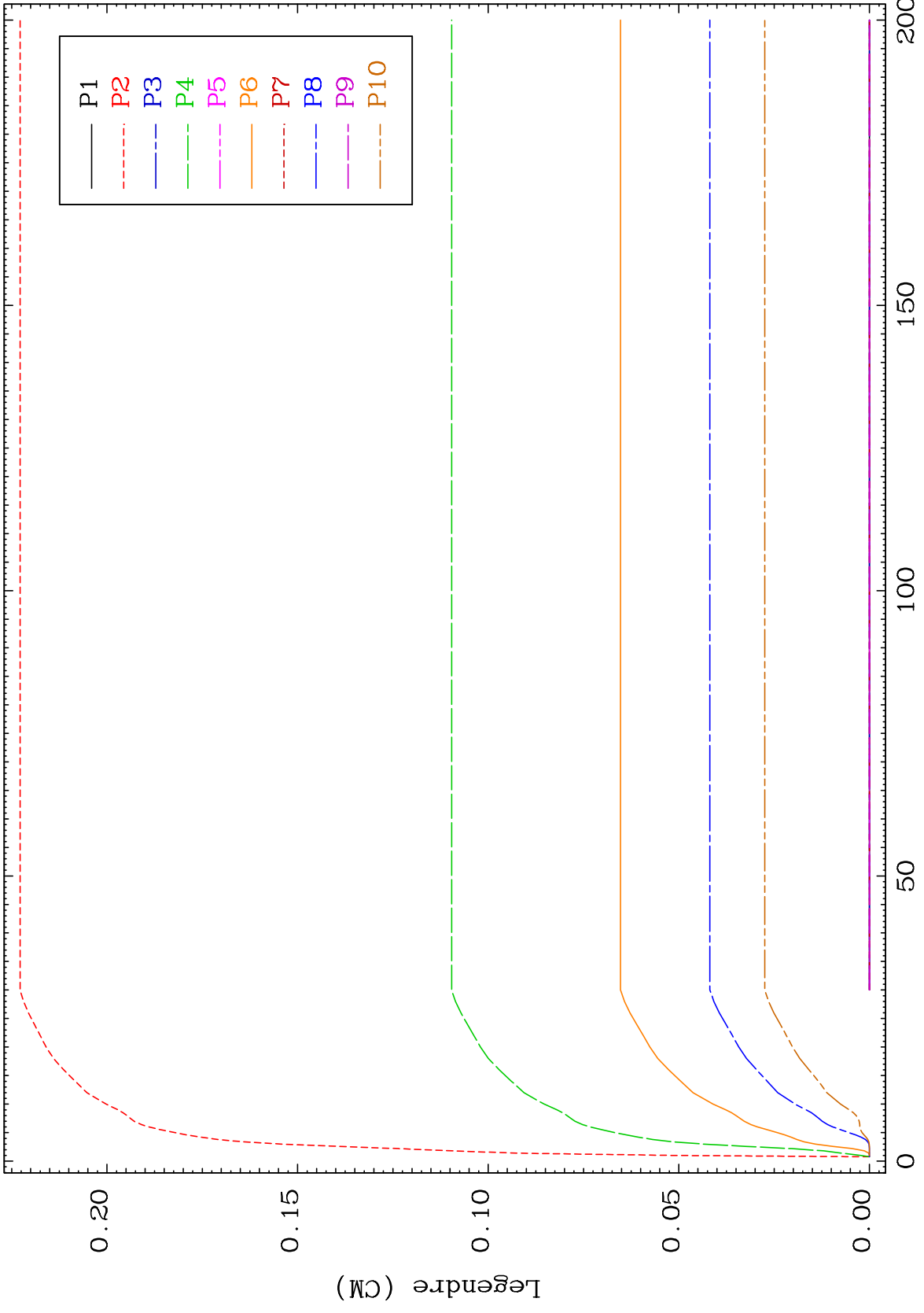
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



82-Pb-188

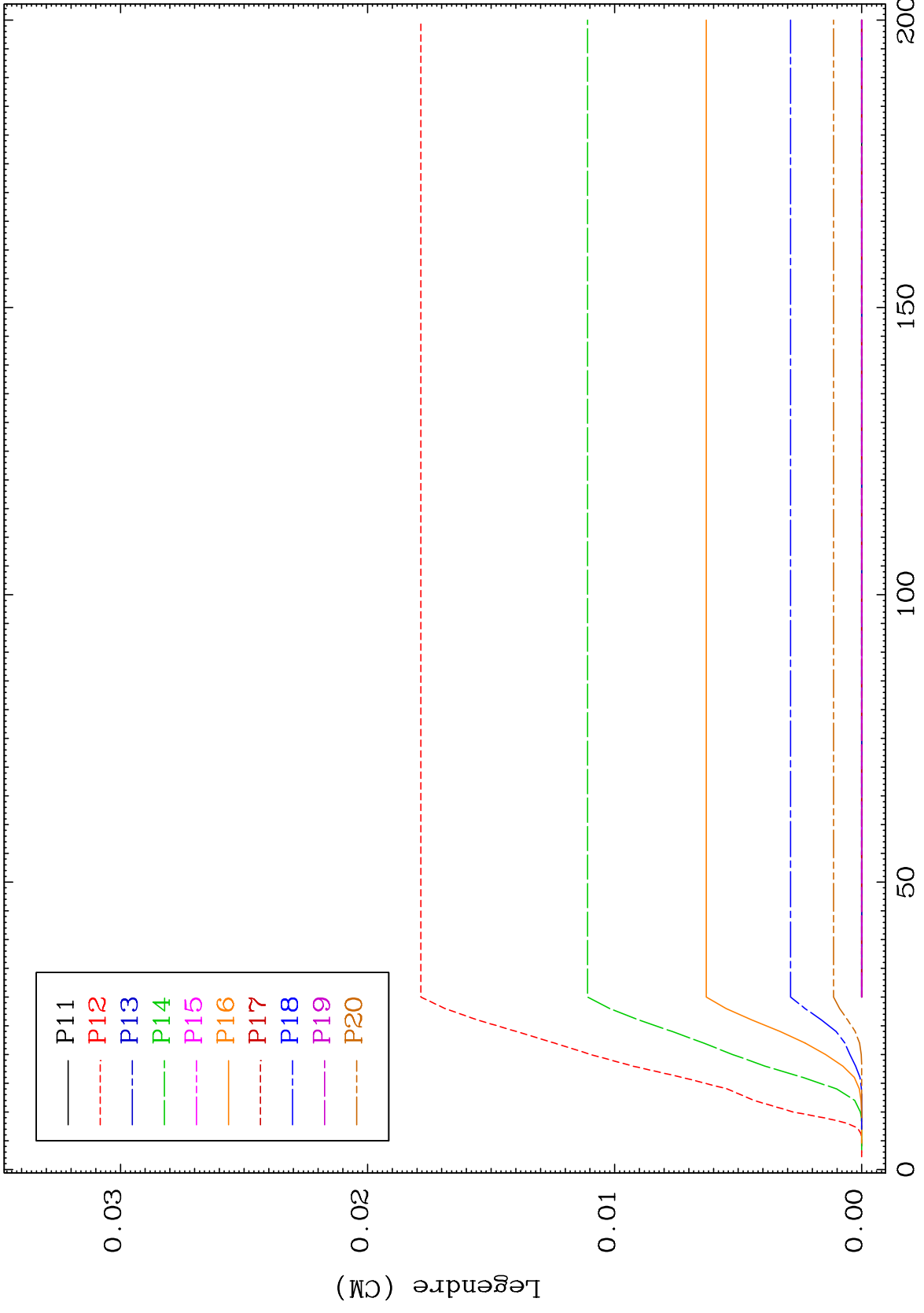
Incident Energy (MeV)

30

MAT 8177

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

82-Pb-188



31

Incident Energy (MeV)

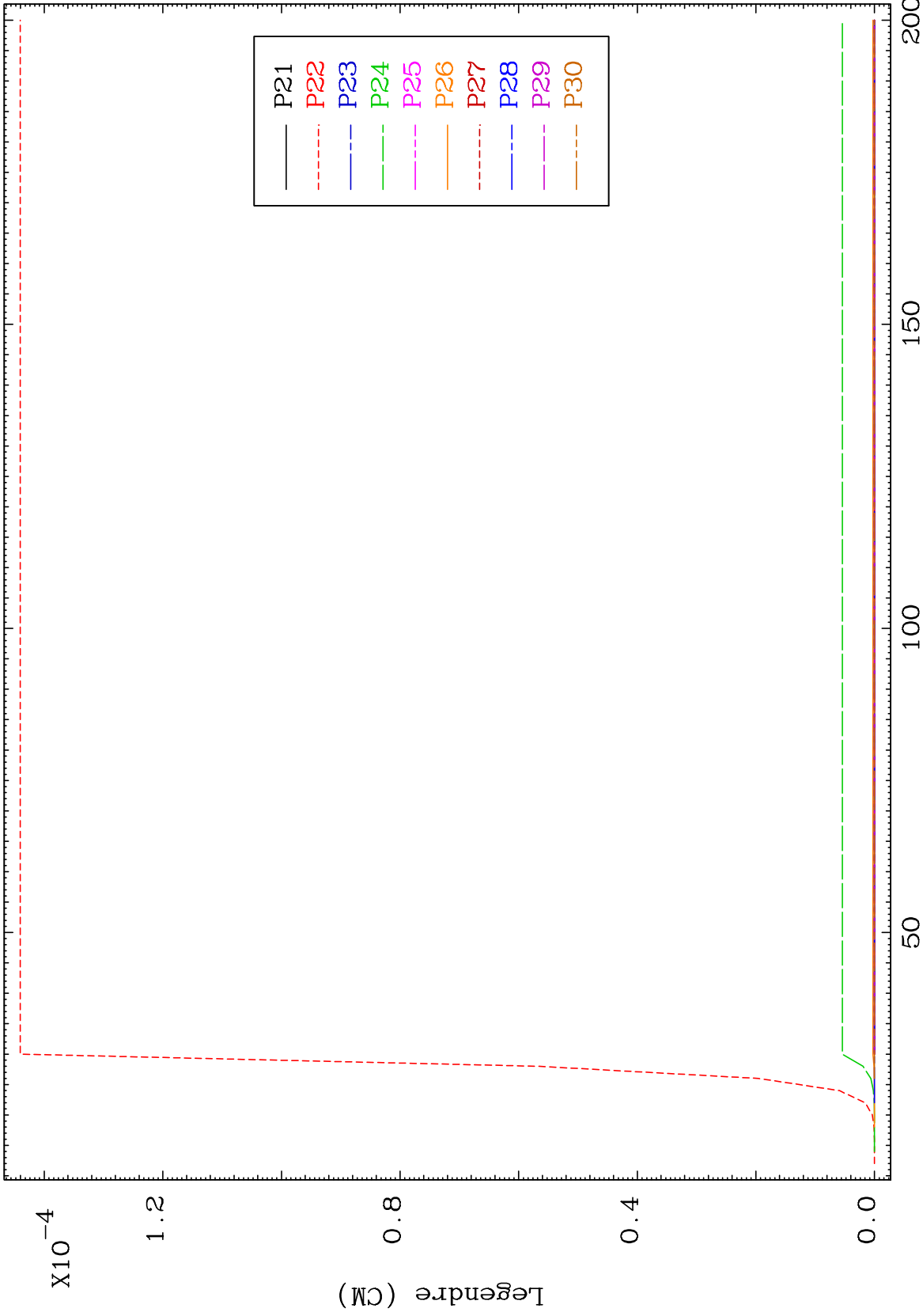
82-Pb-188



MAT 8177

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

82-Pb-188



32

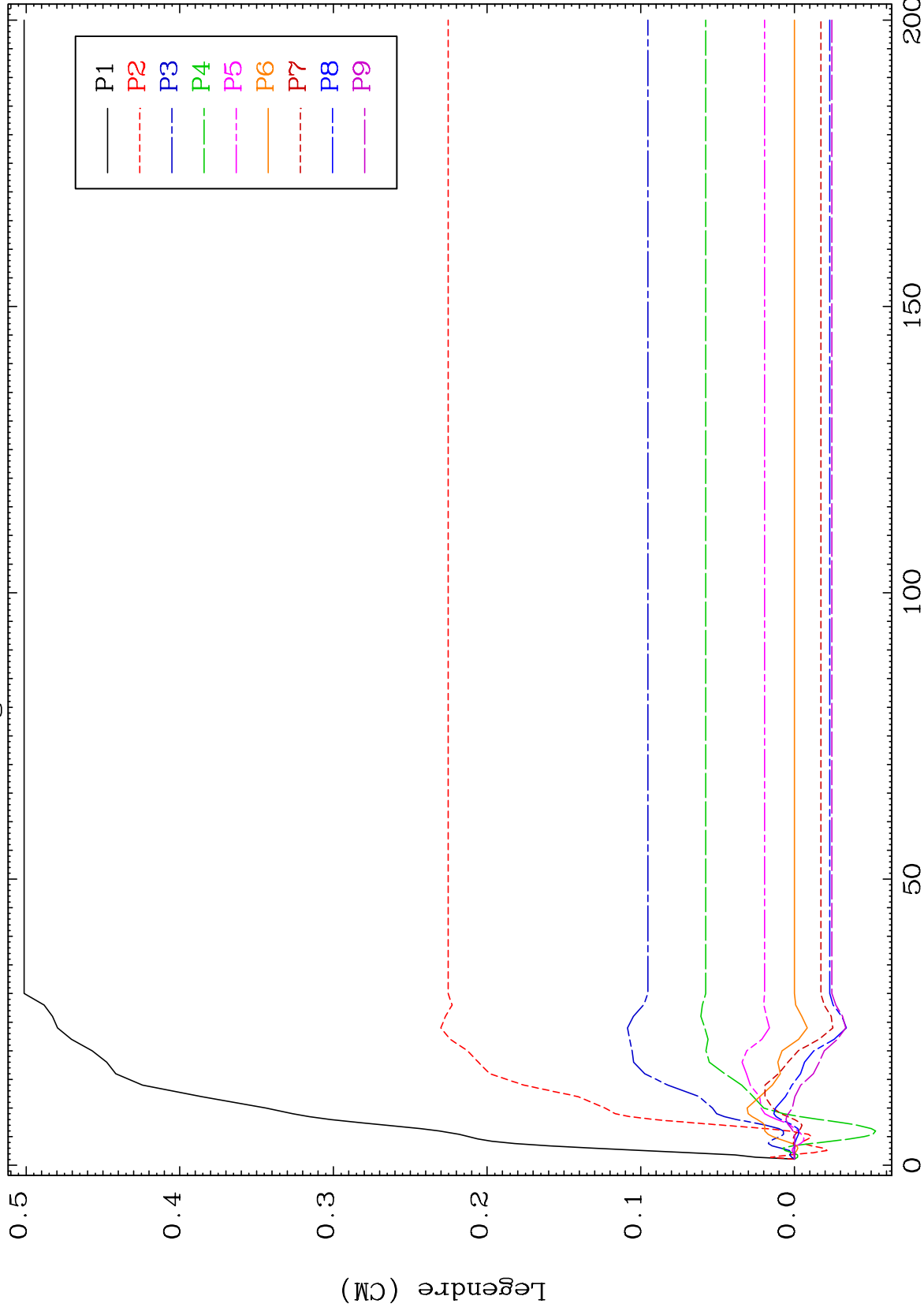
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



33

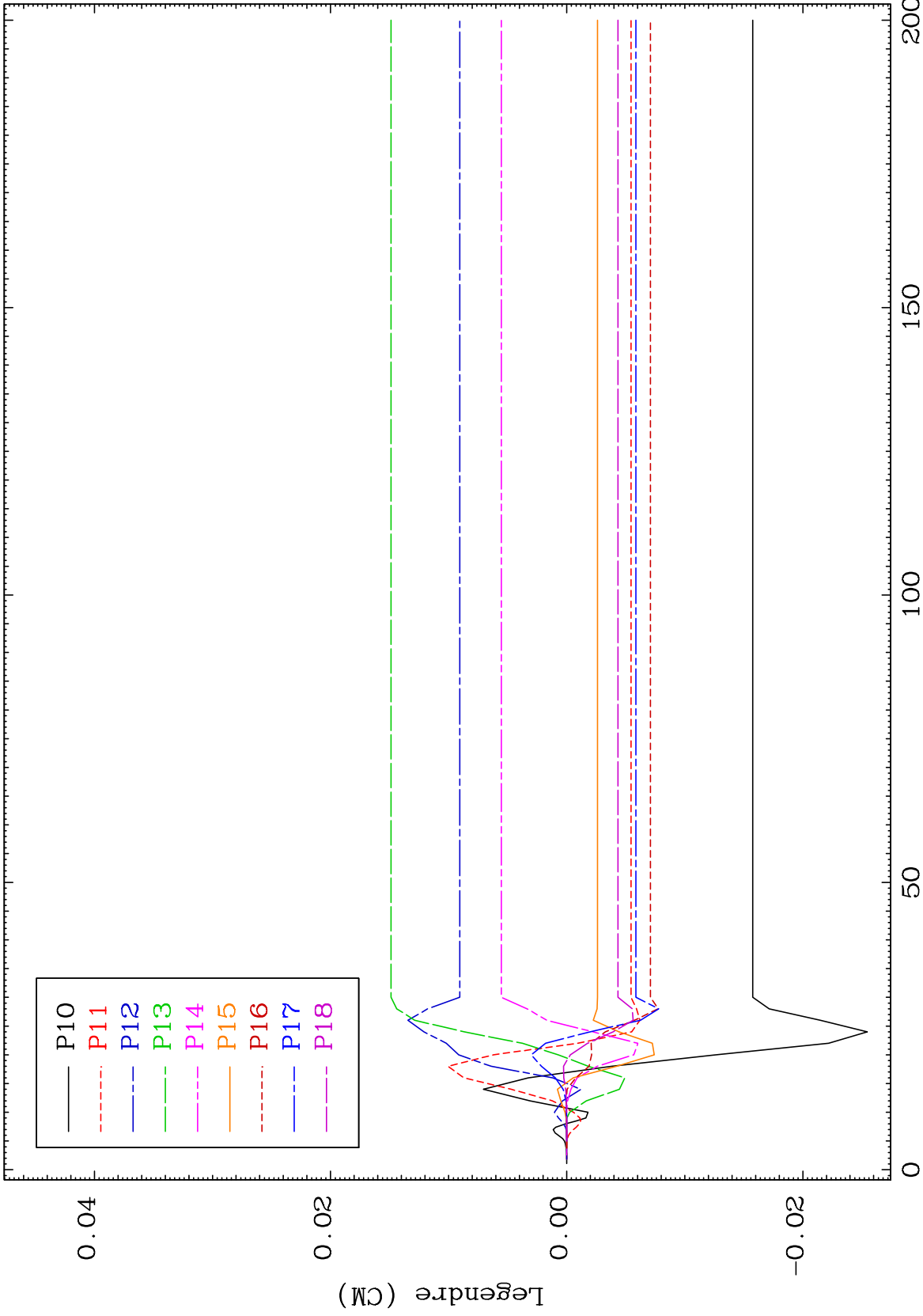
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



34

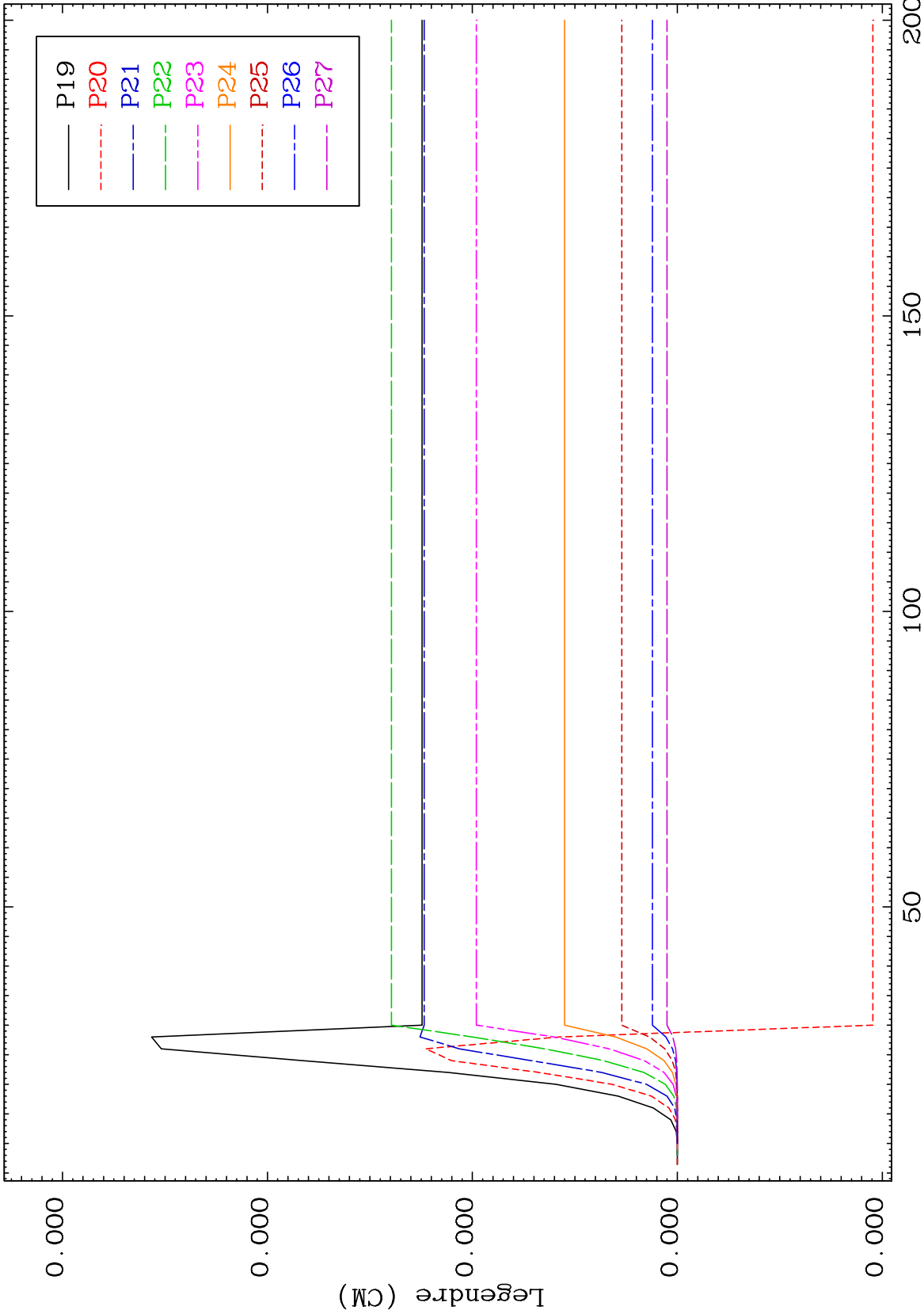
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



35

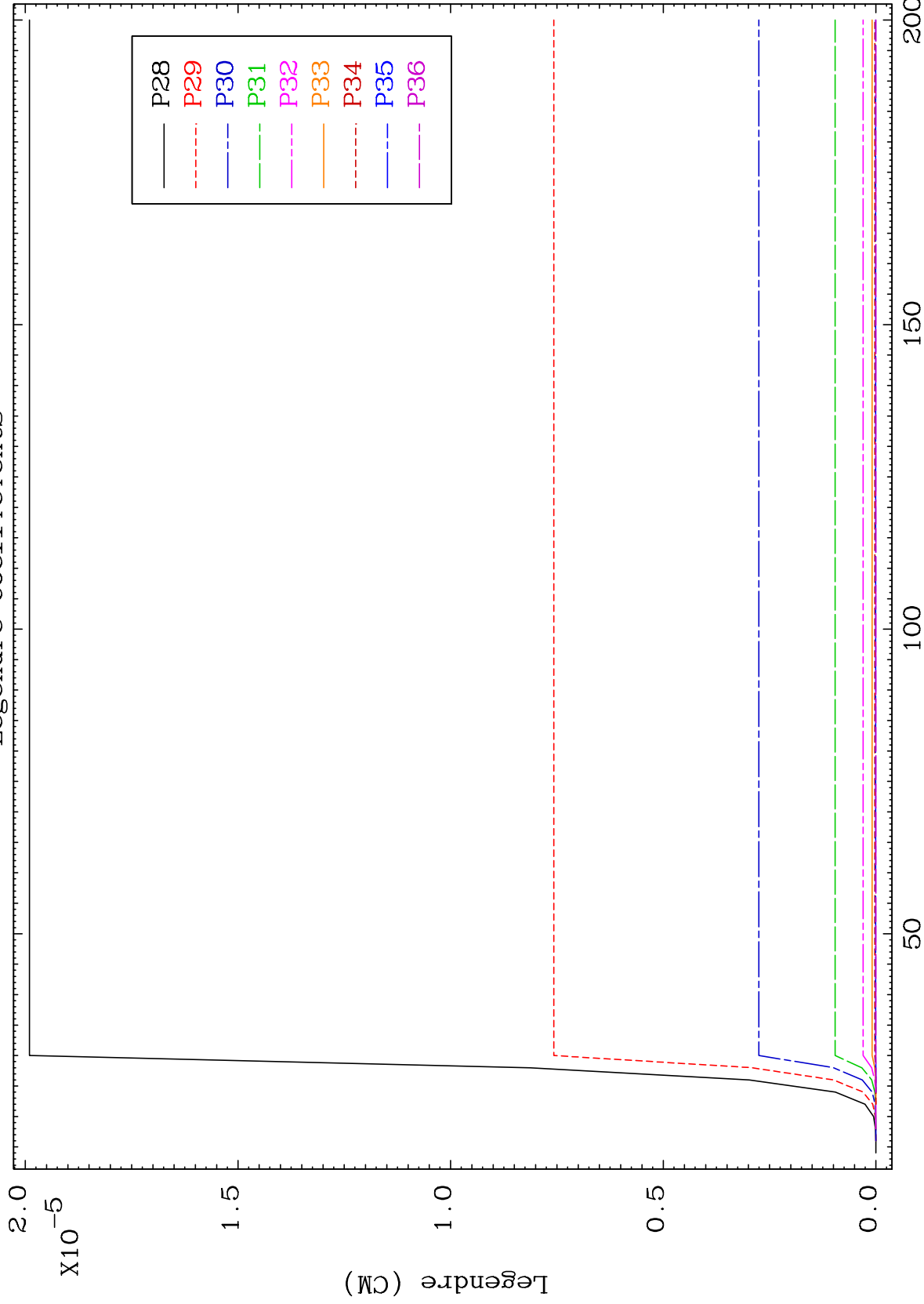
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



36

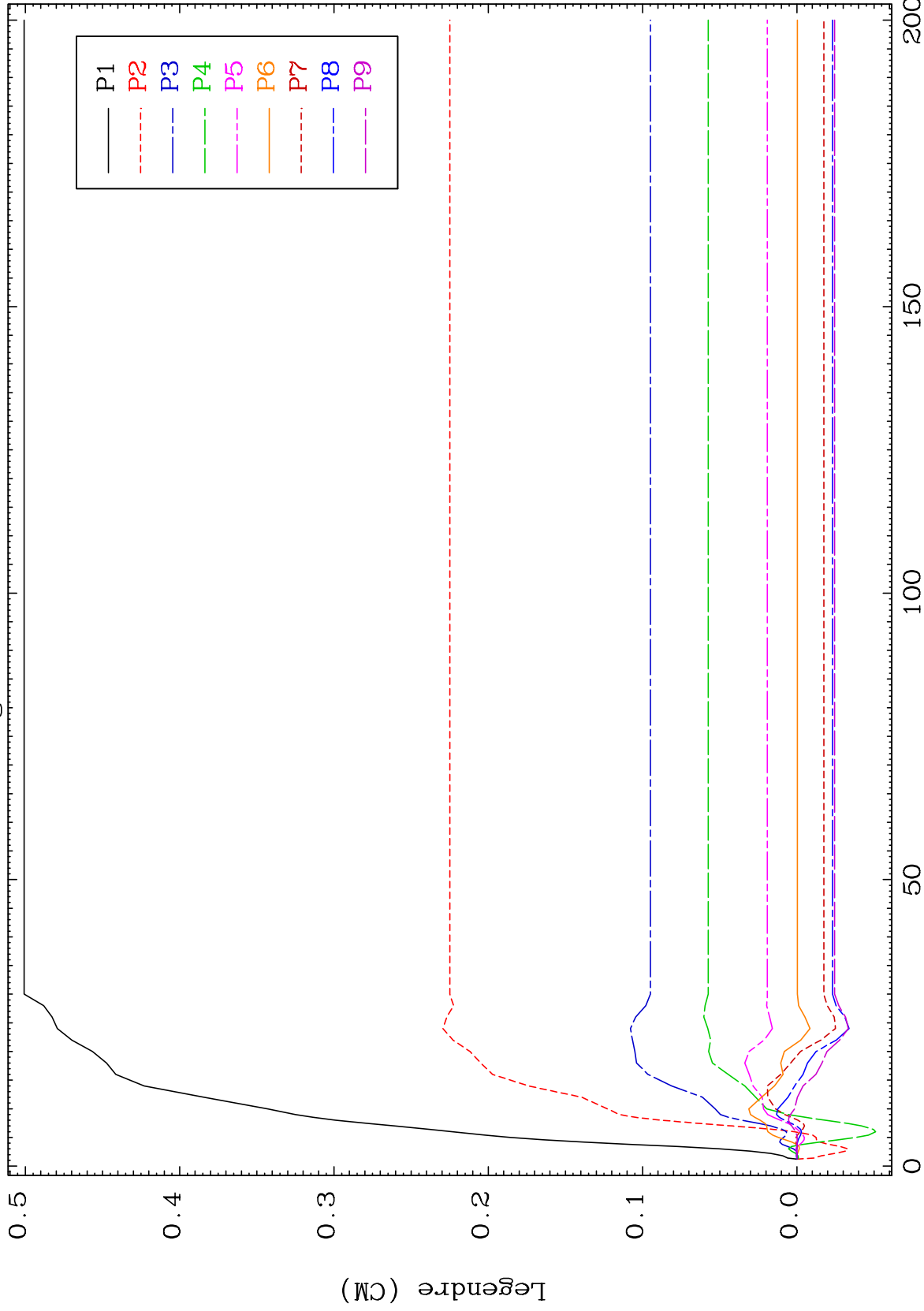
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



37

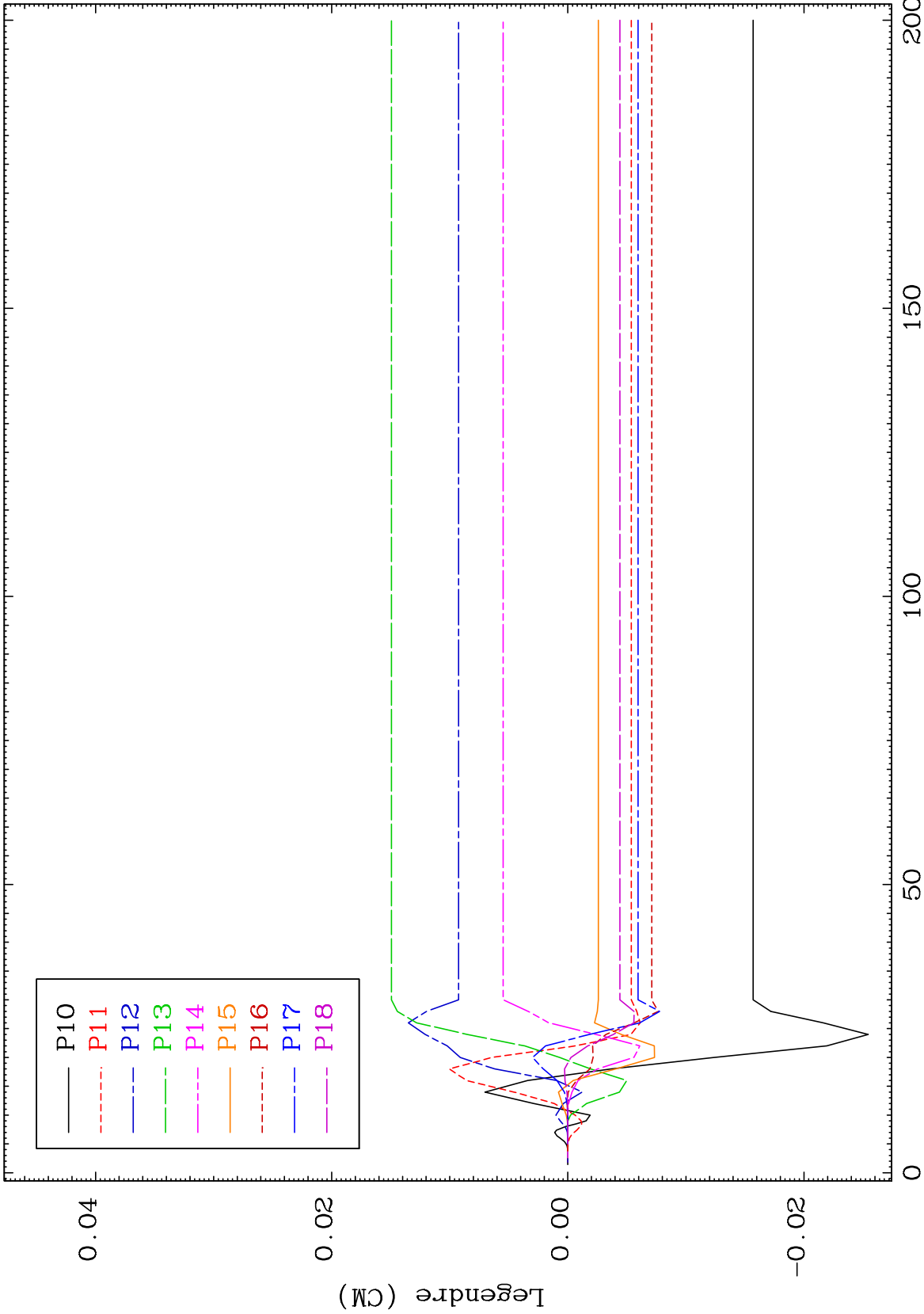
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



38

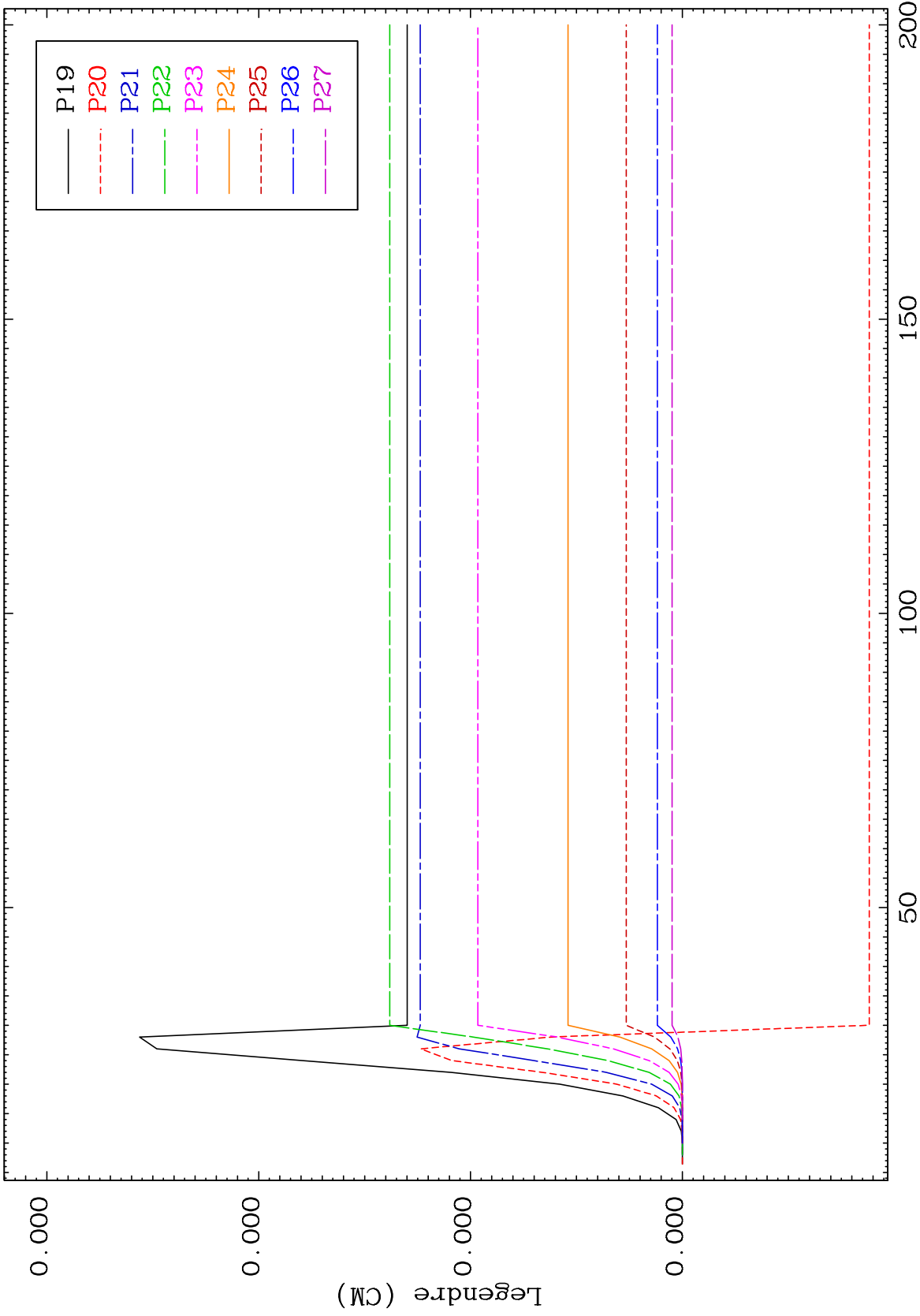
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



39

Incident Energy (MeV)

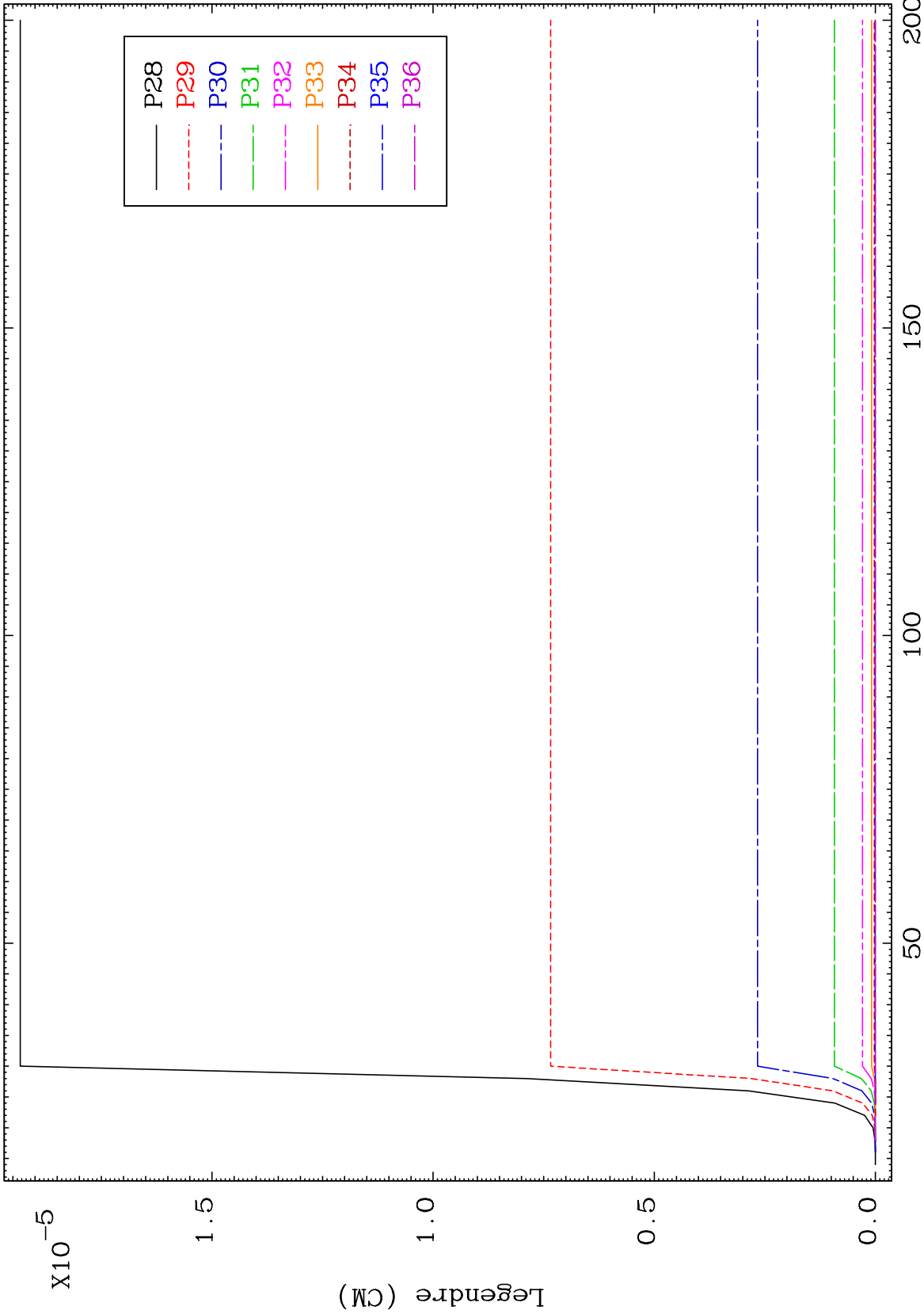
82-Pb-188



MAT 8177

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

82-Pb-188



40

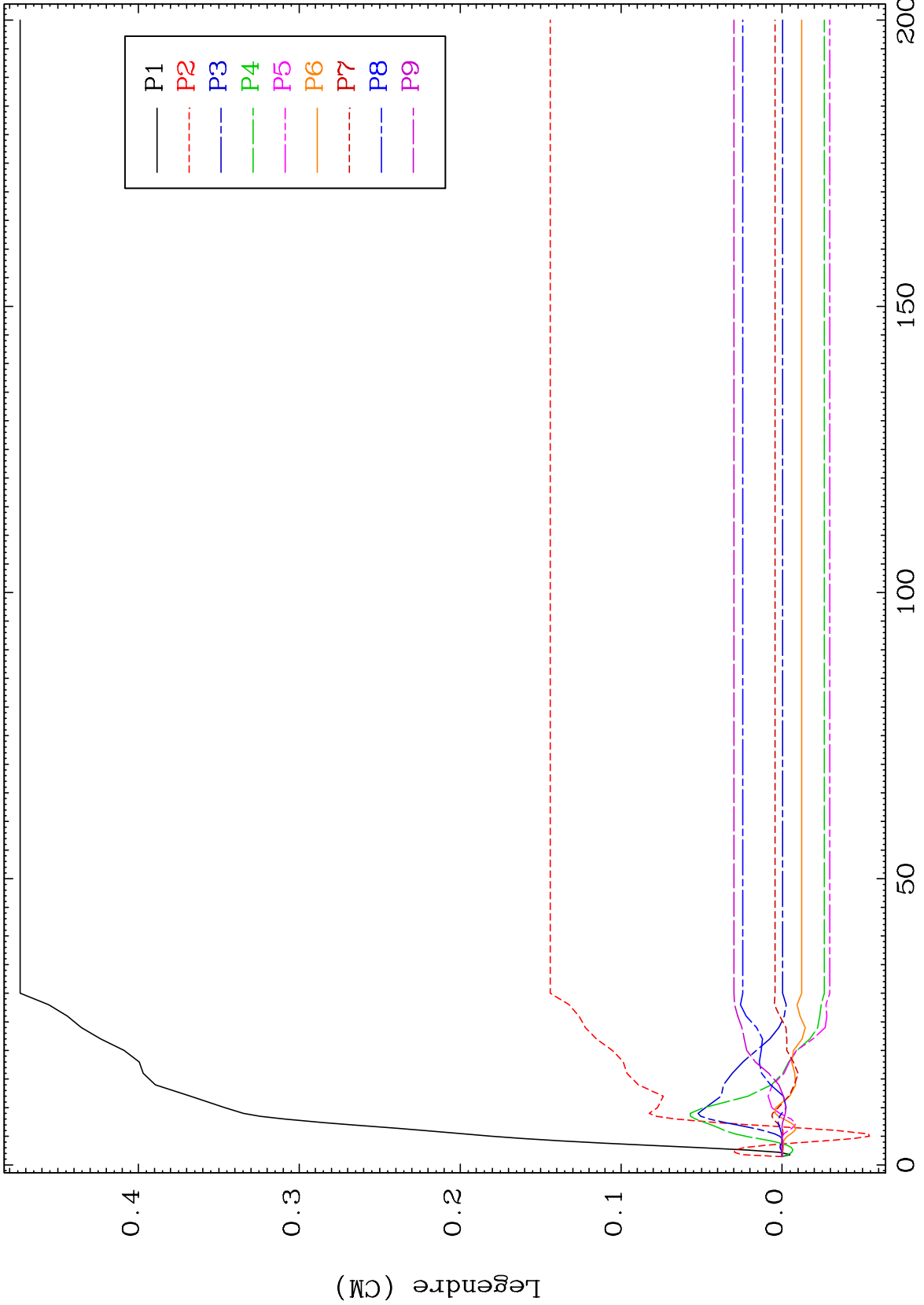
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



41

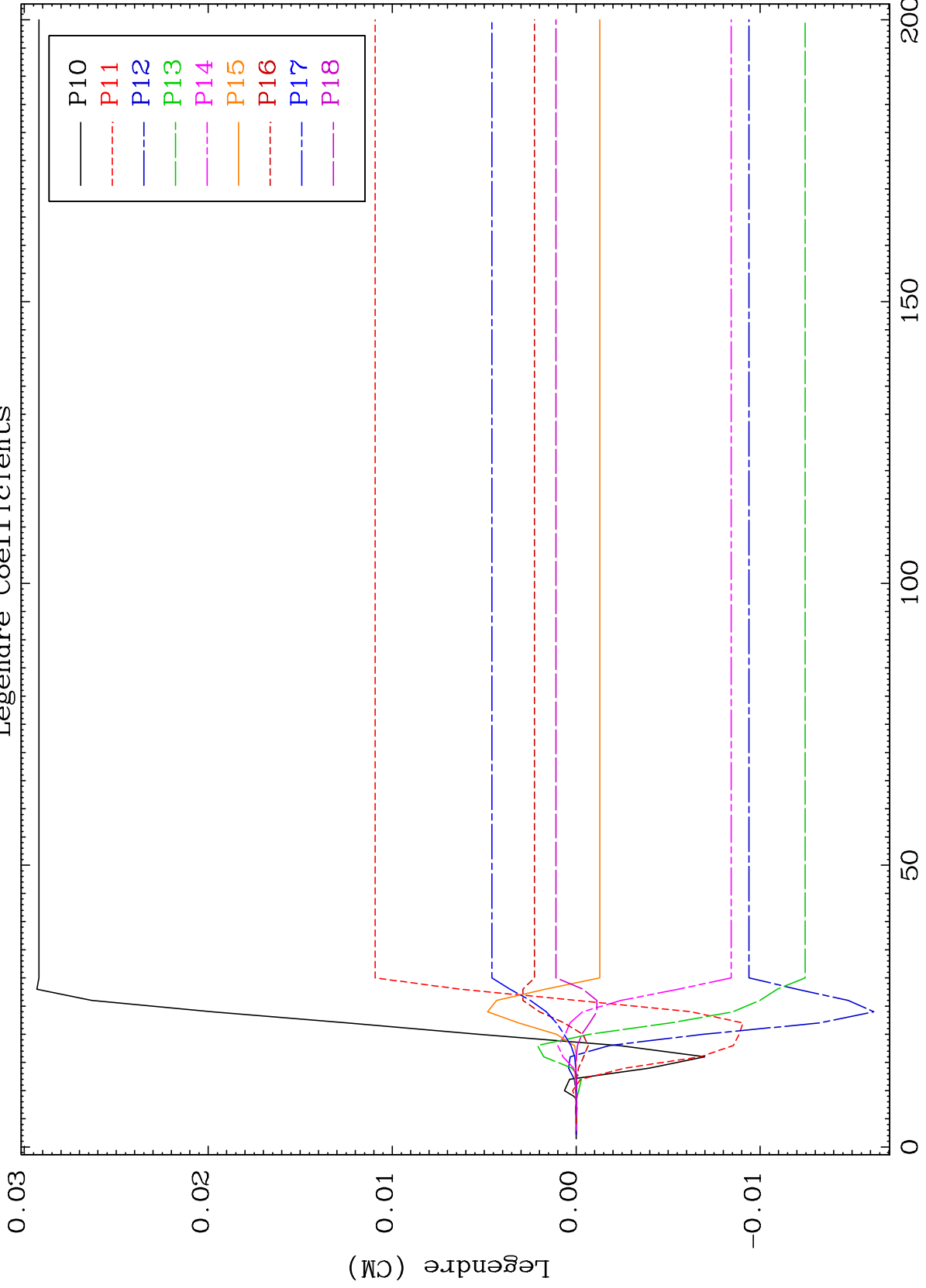
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



42

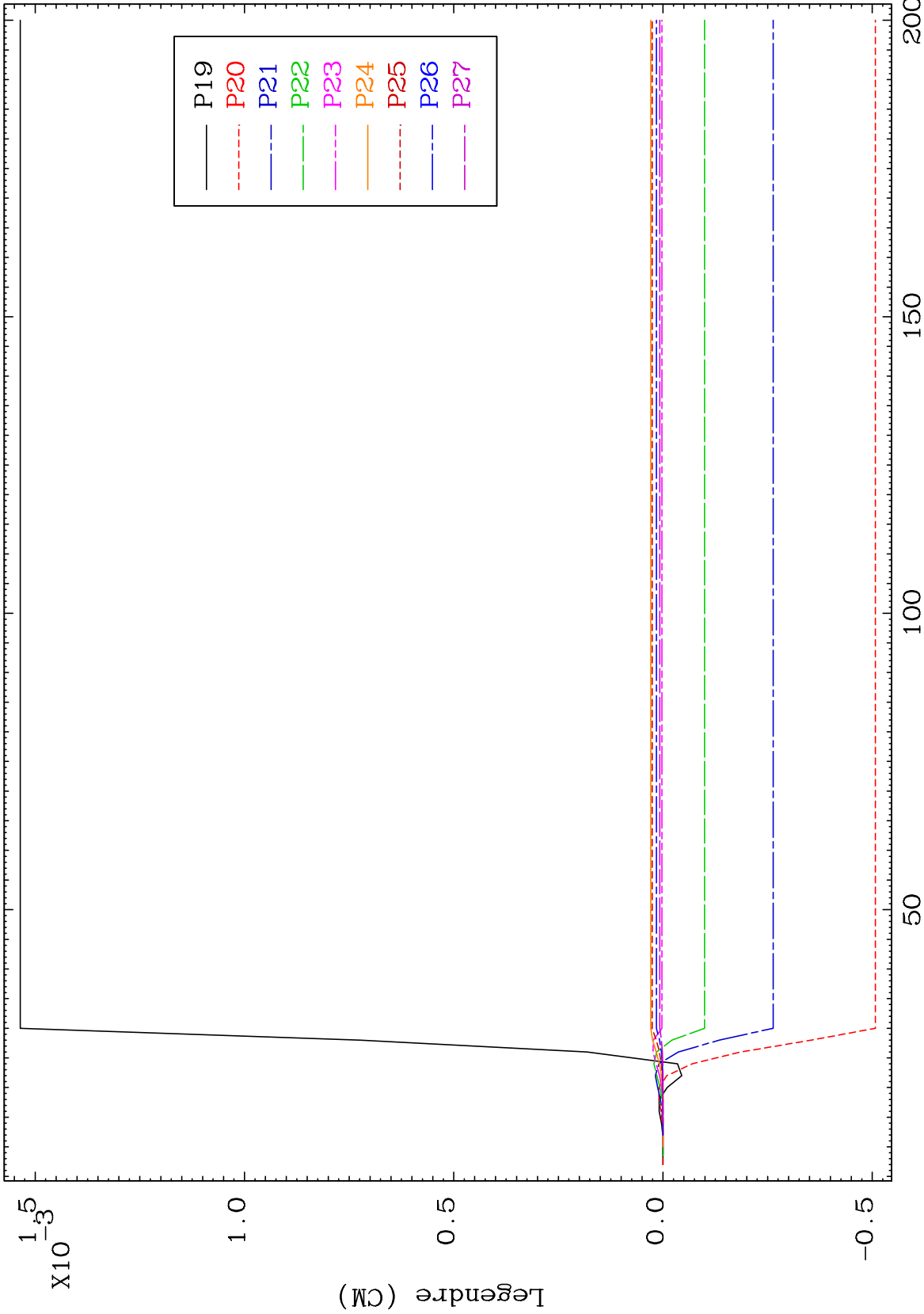
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



43

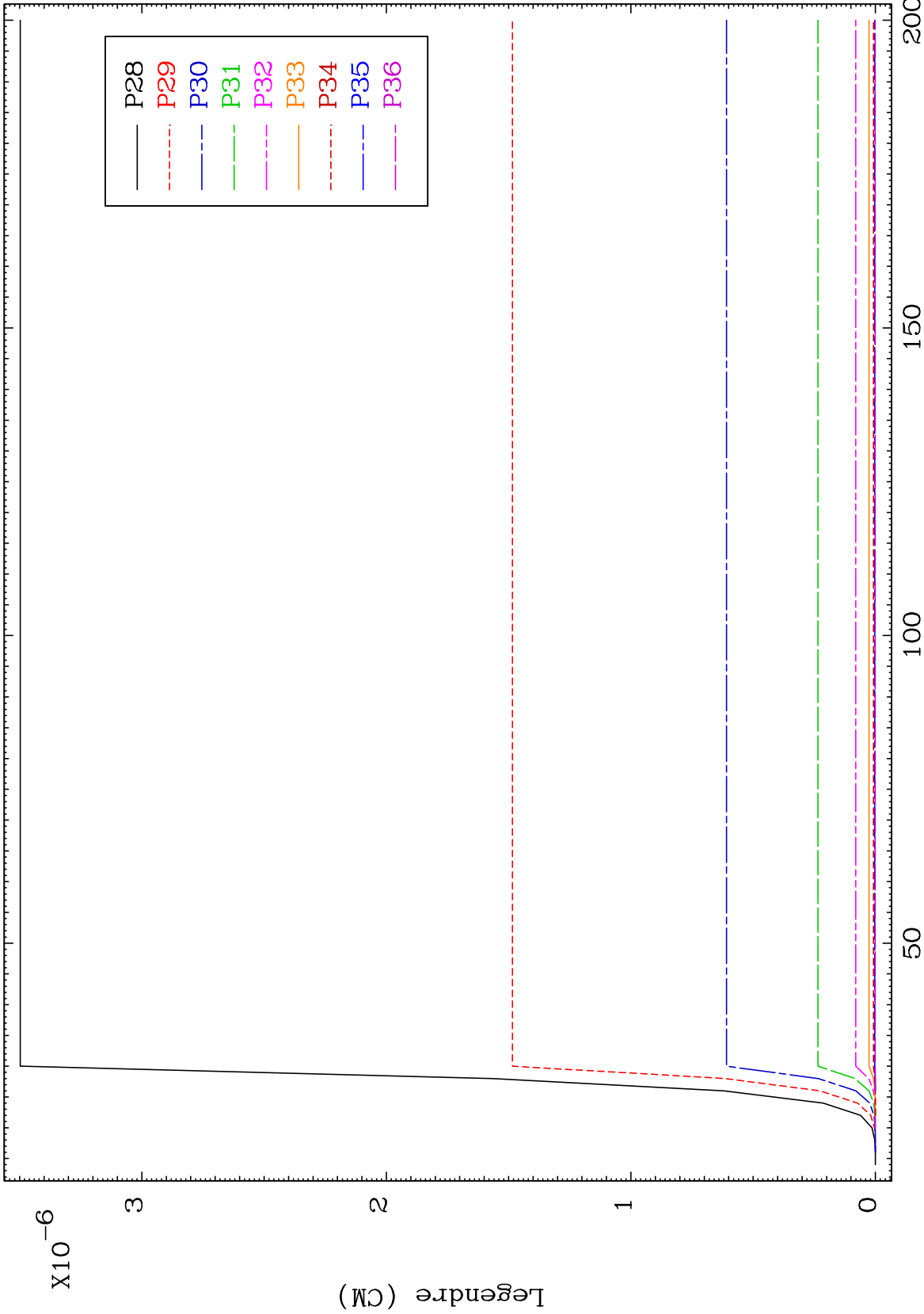
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



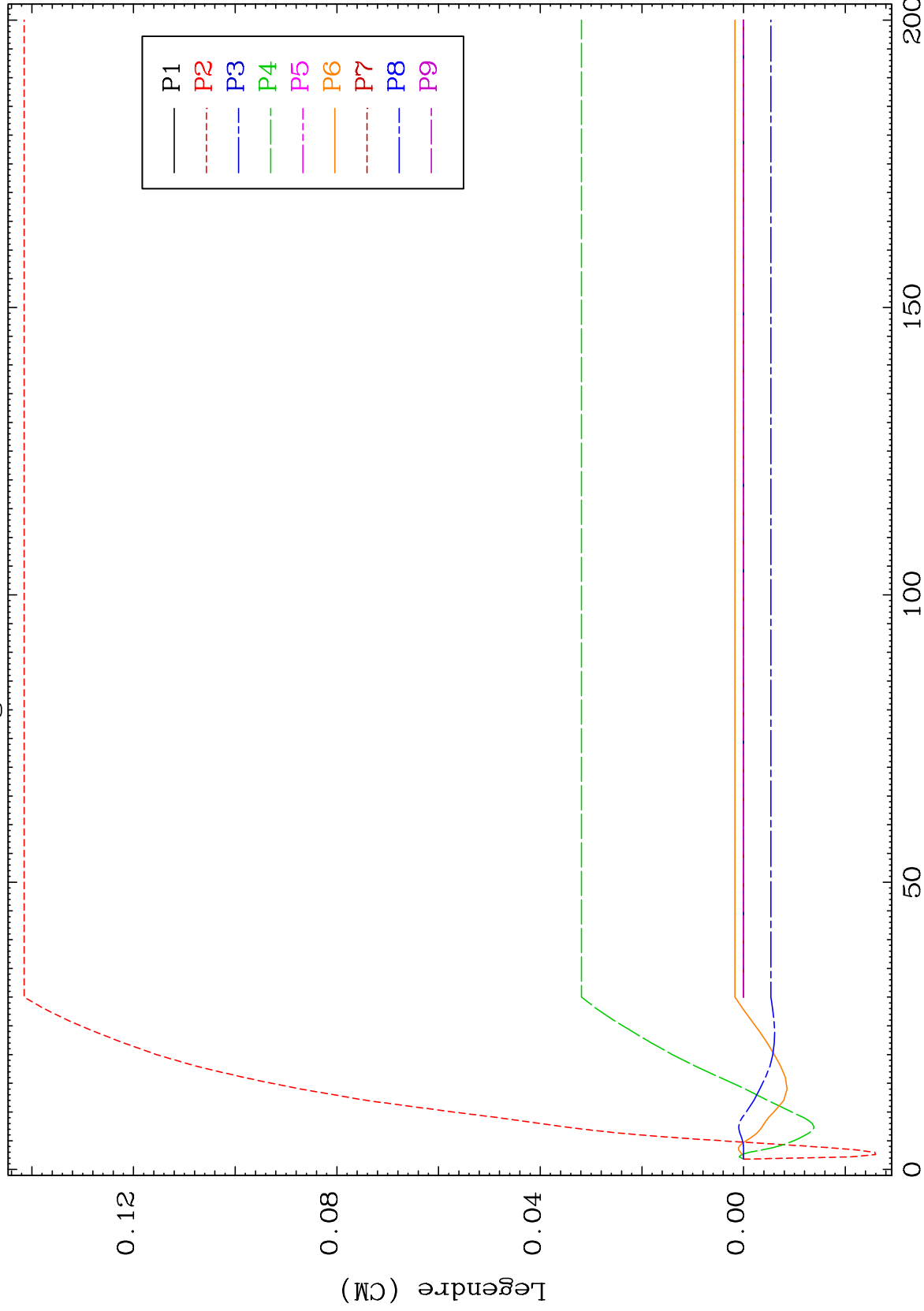
44

82-Pb-188

MAT 8177

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

82-Pb-188



45

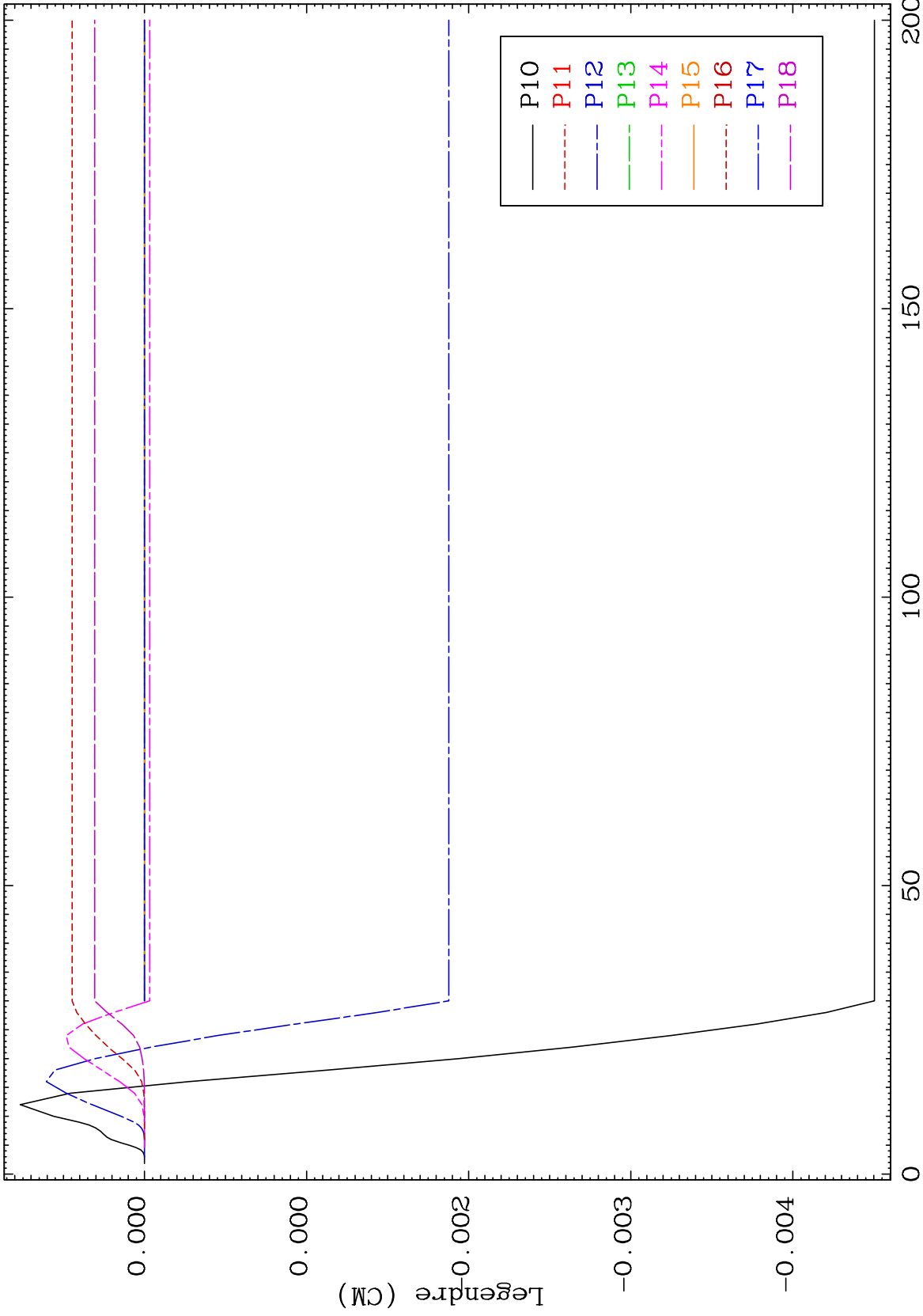
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



46

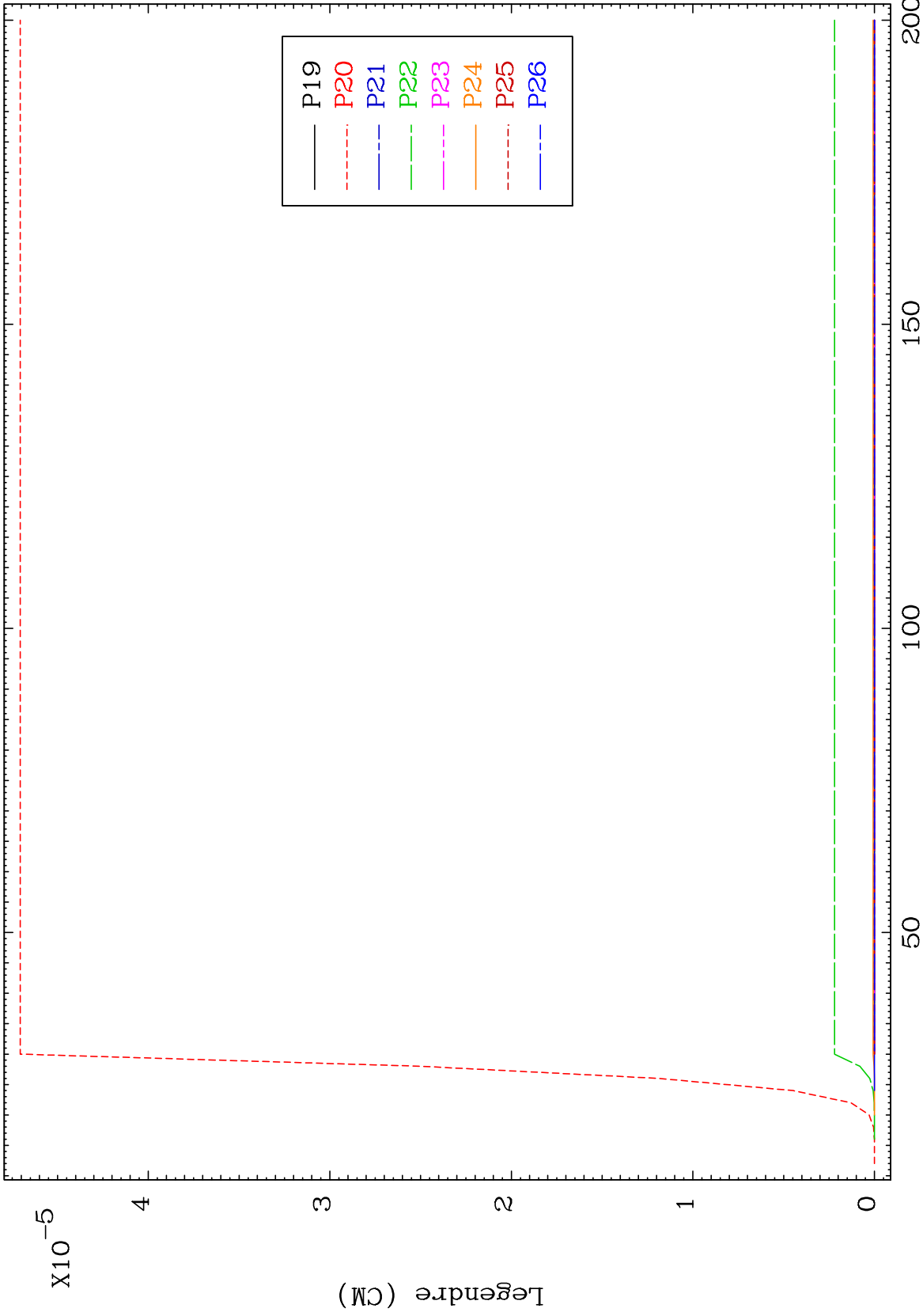
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



47

Incident Energy (MeV)

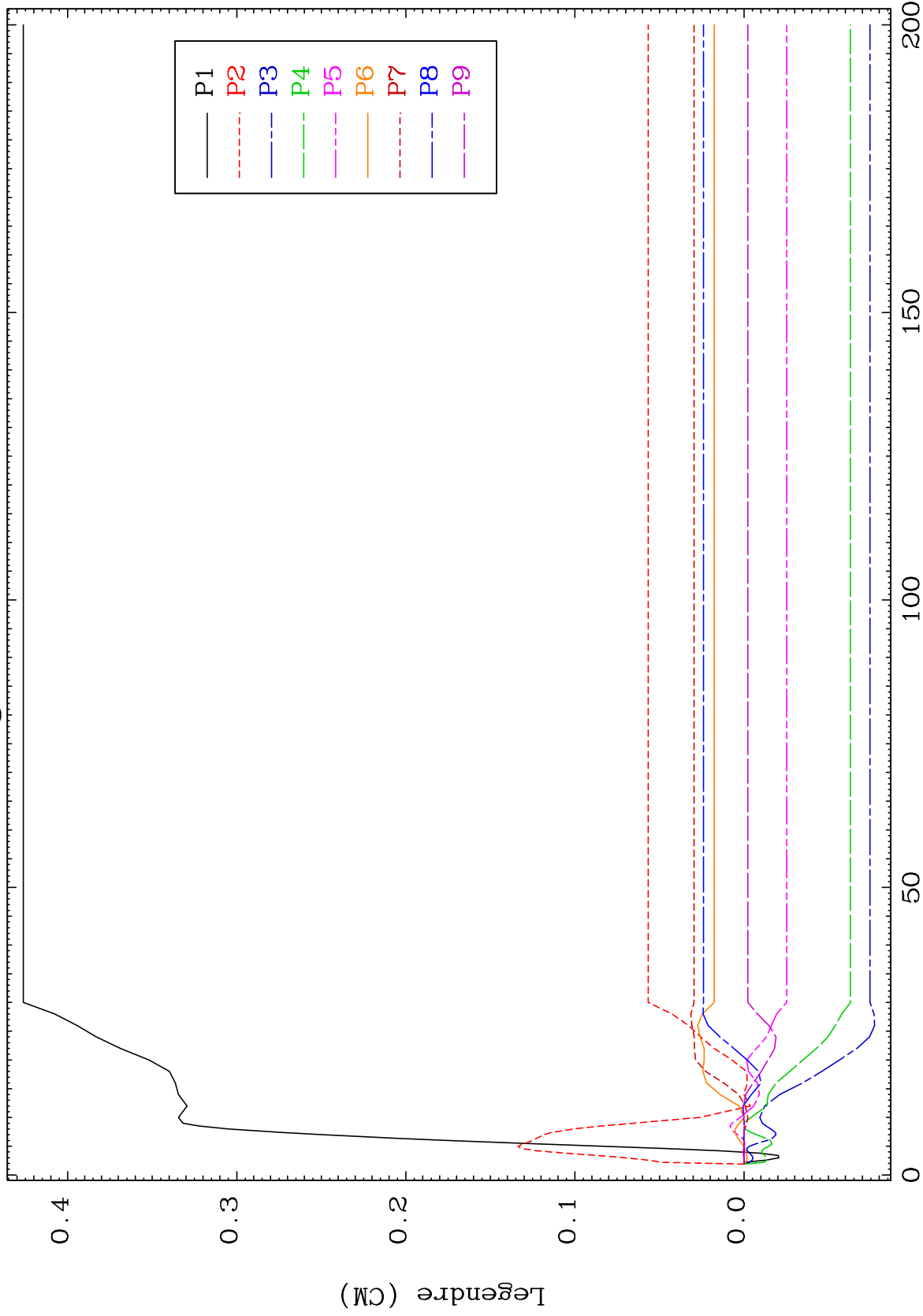
82-Pb-188



MAT 8177

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

82-Pb-188



48

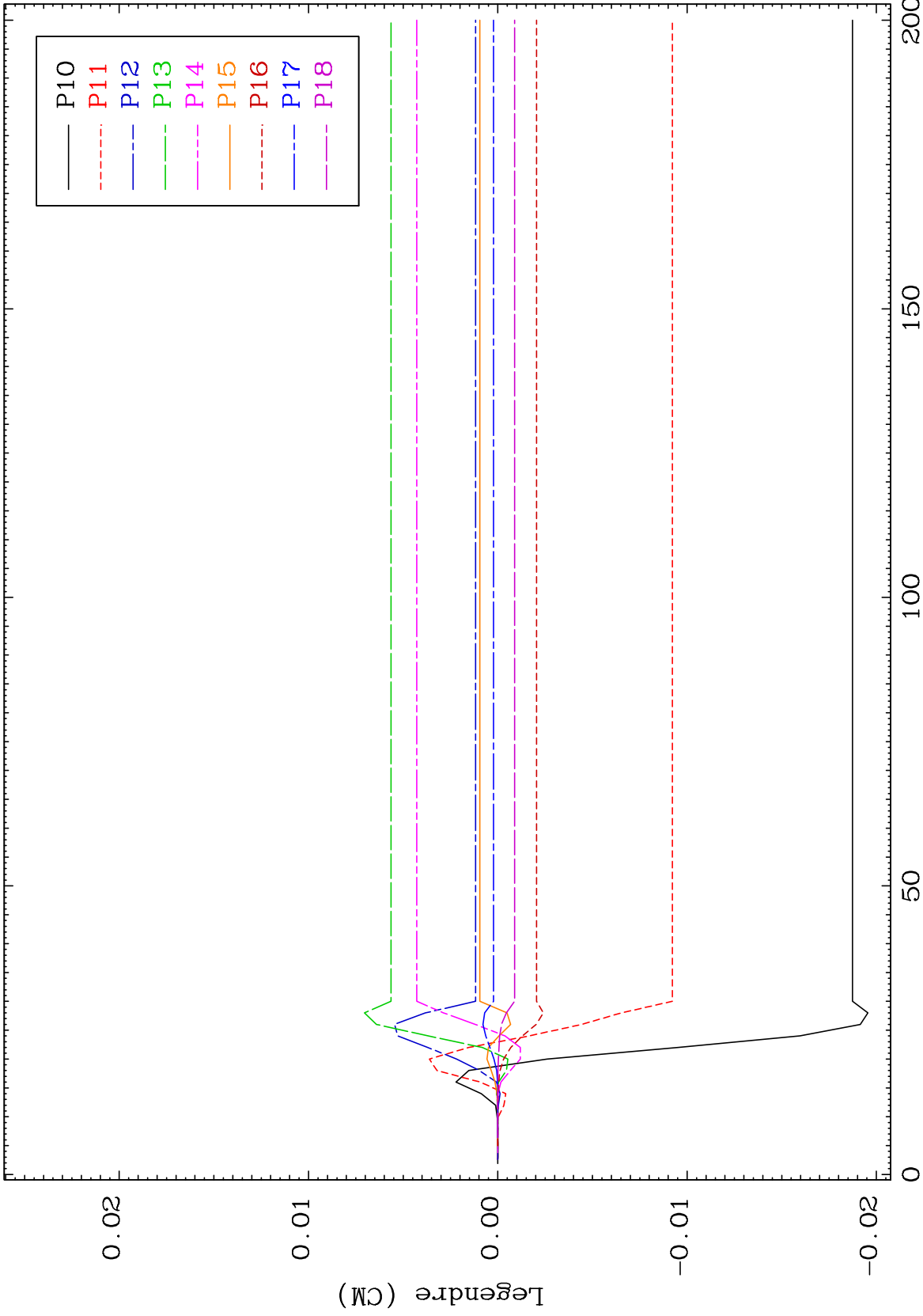
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



49

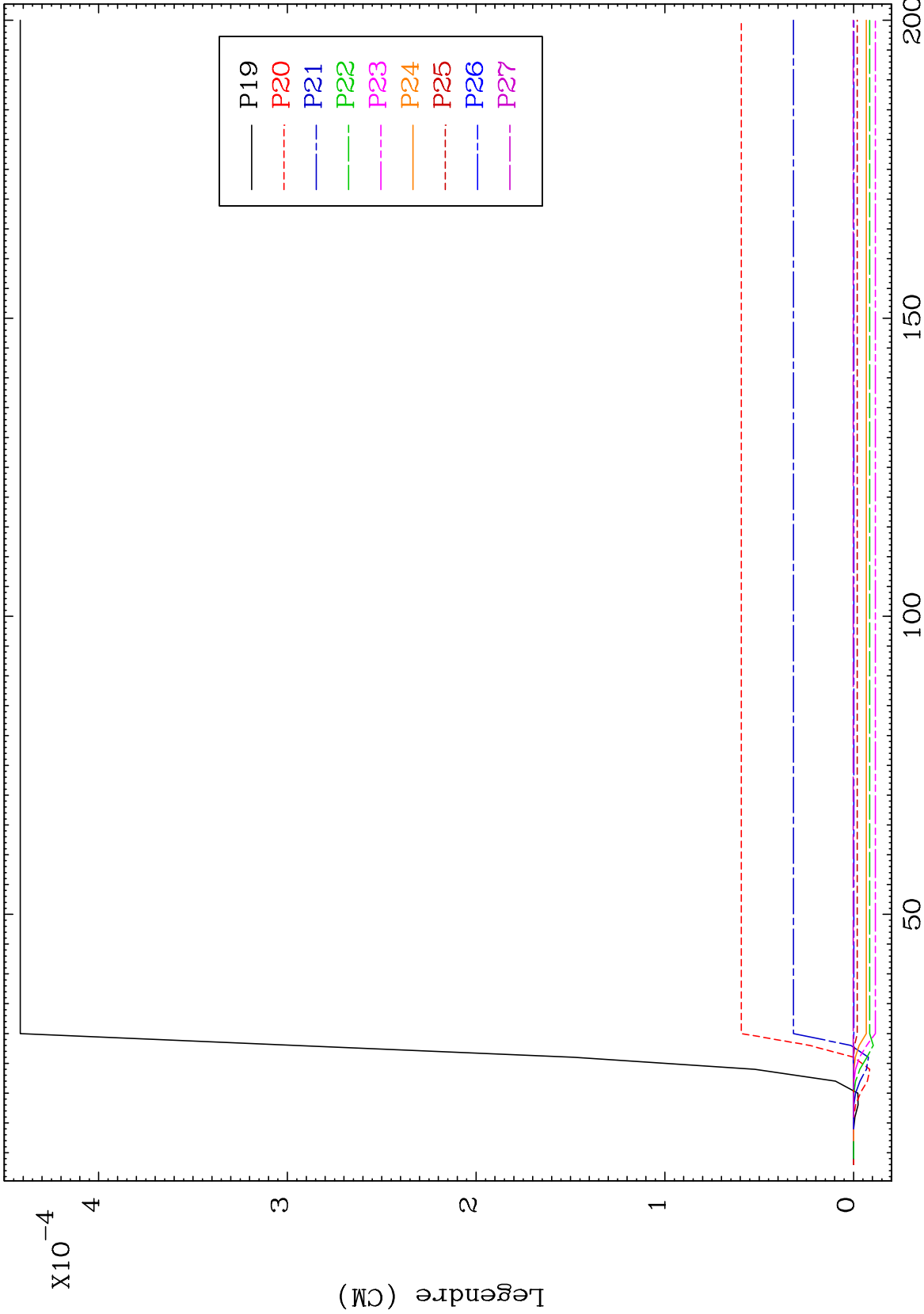
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



50

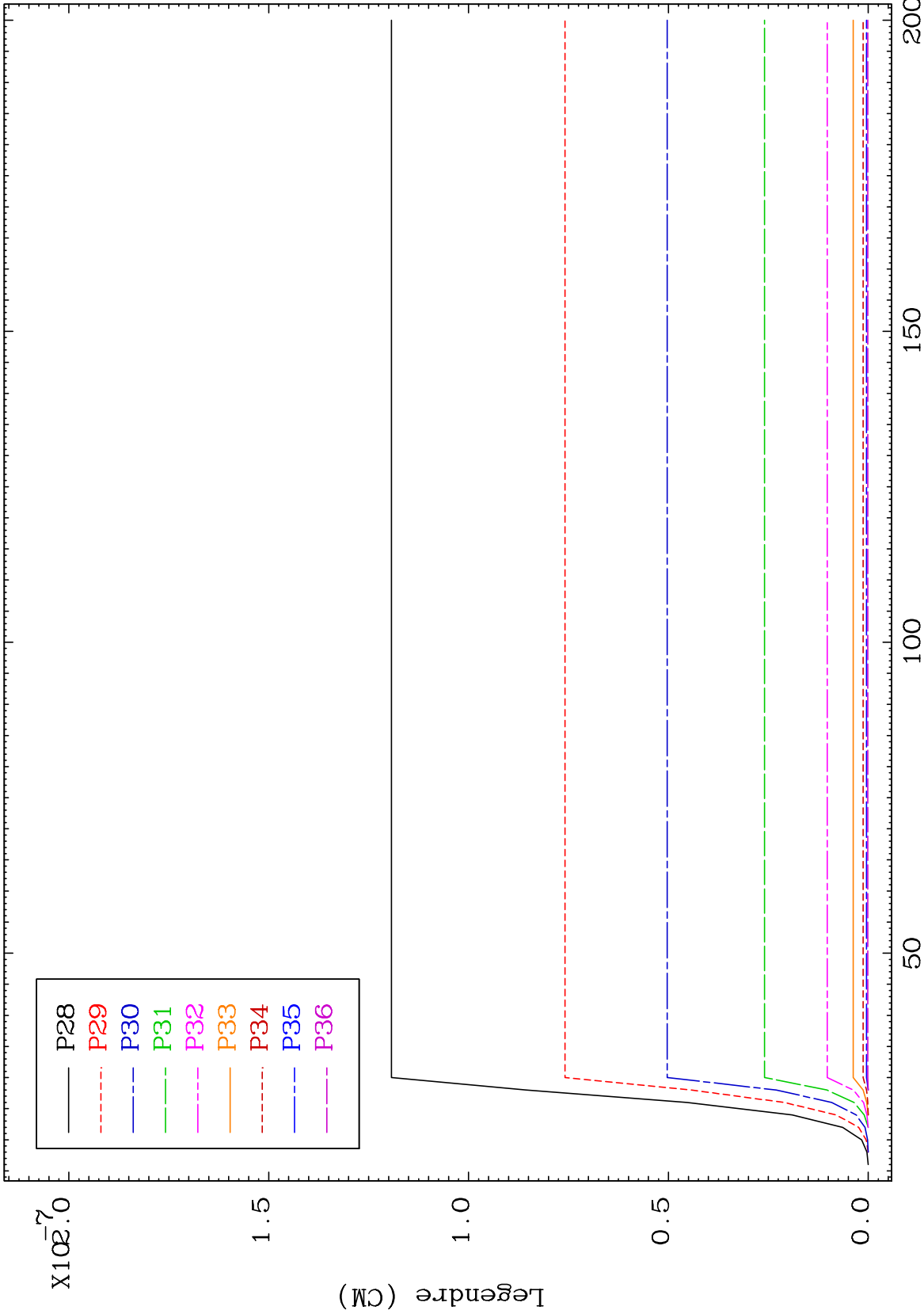
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



51

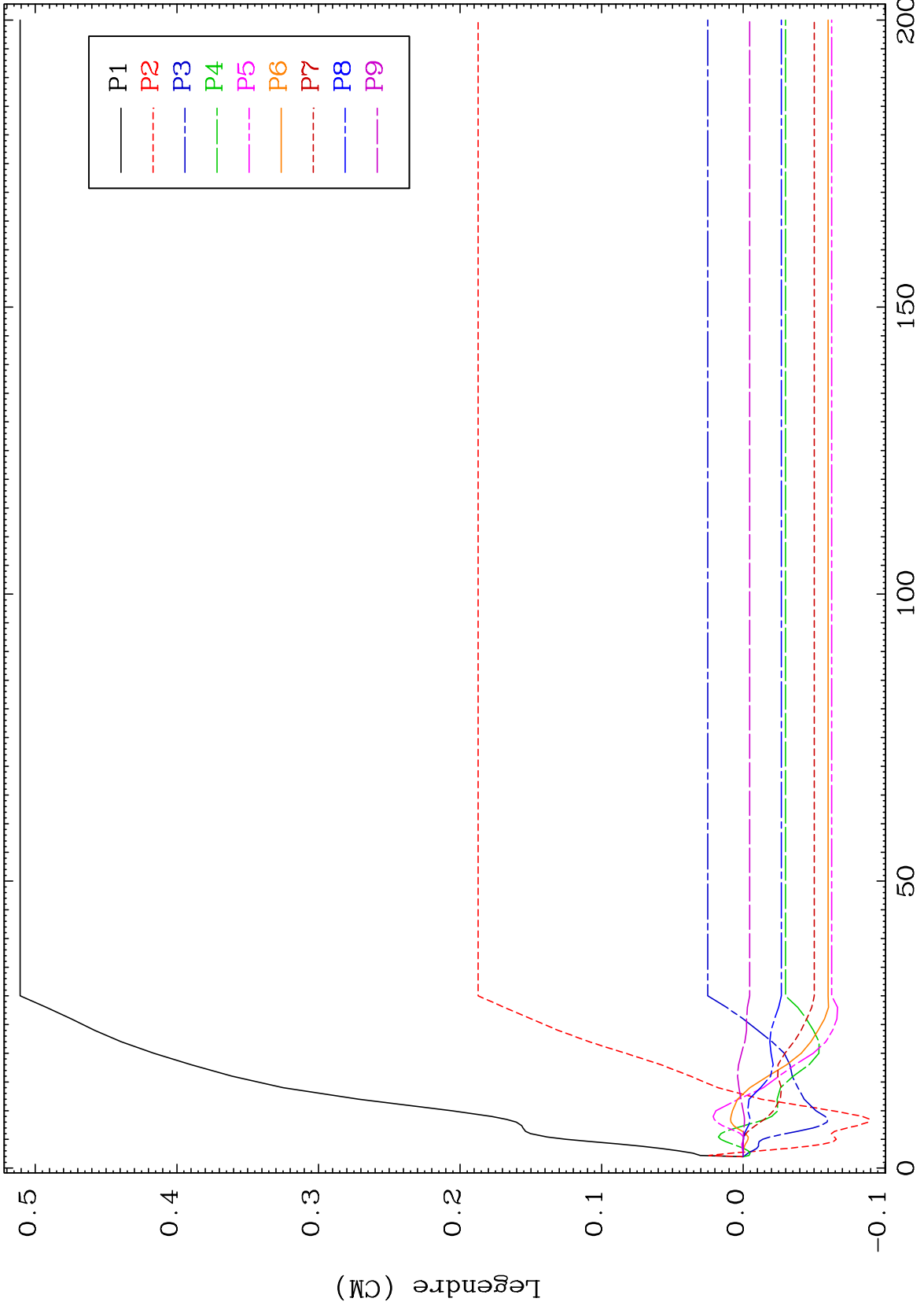
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



52

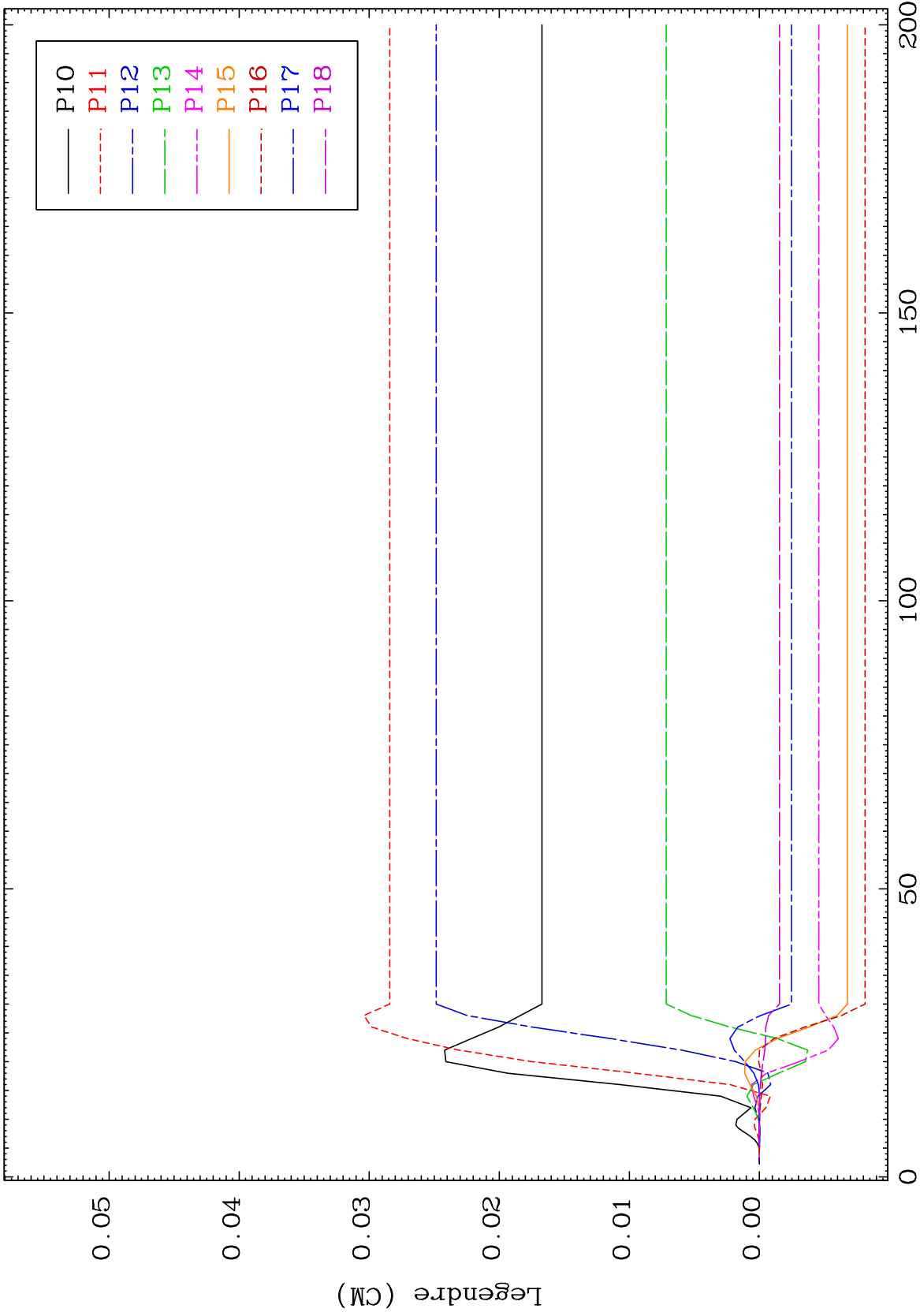
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



53

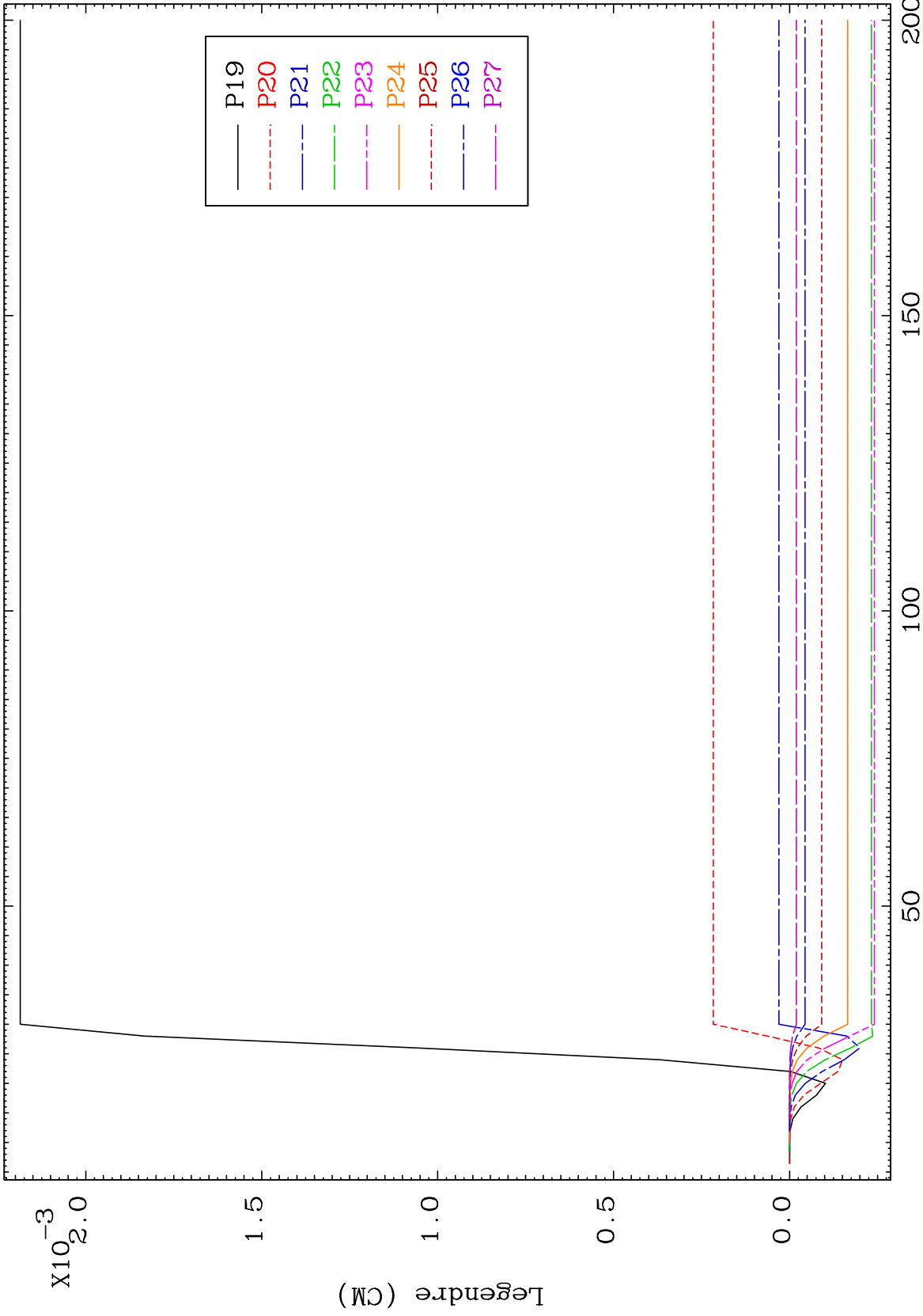
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



54

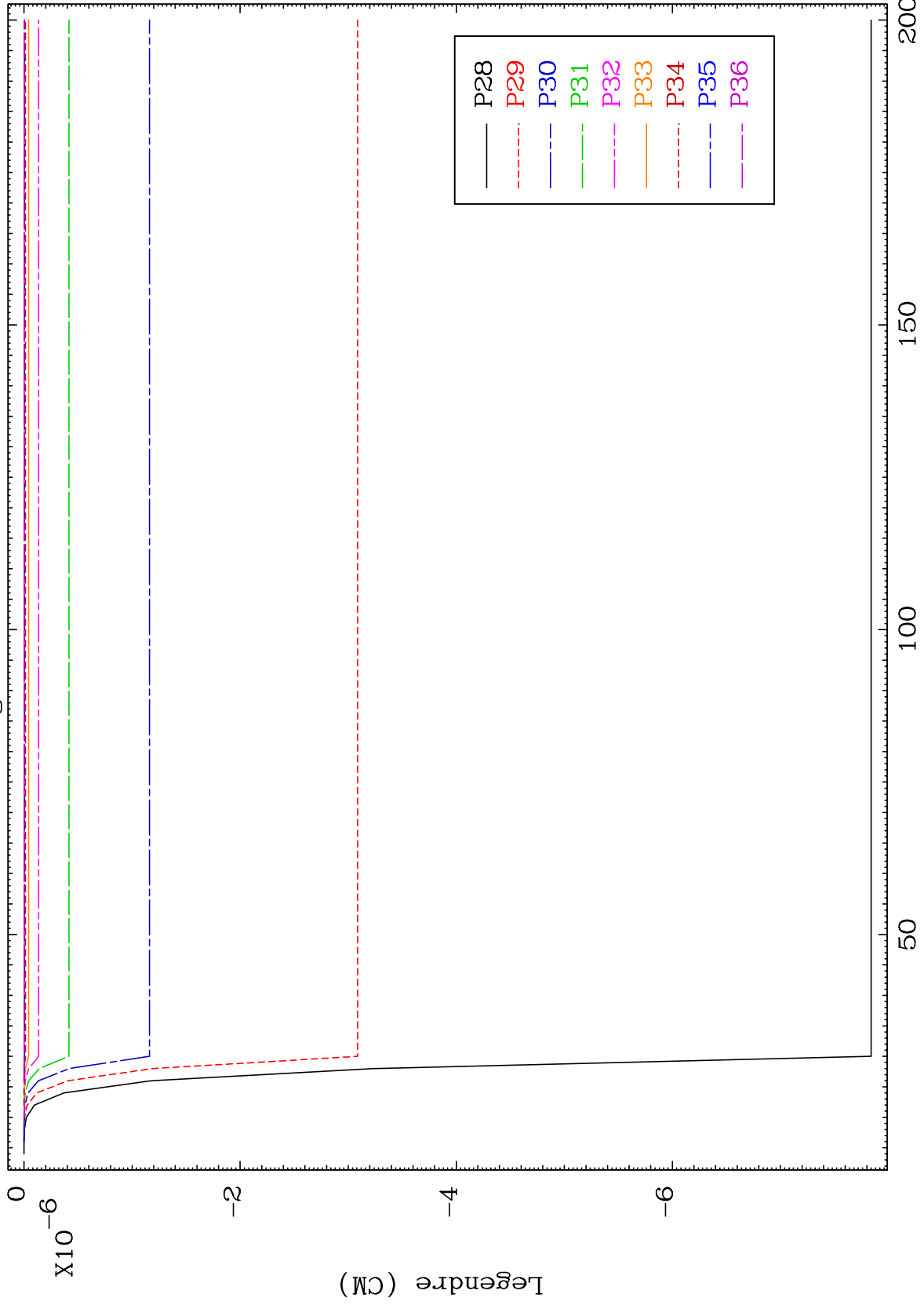
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



55

82-Pb-188

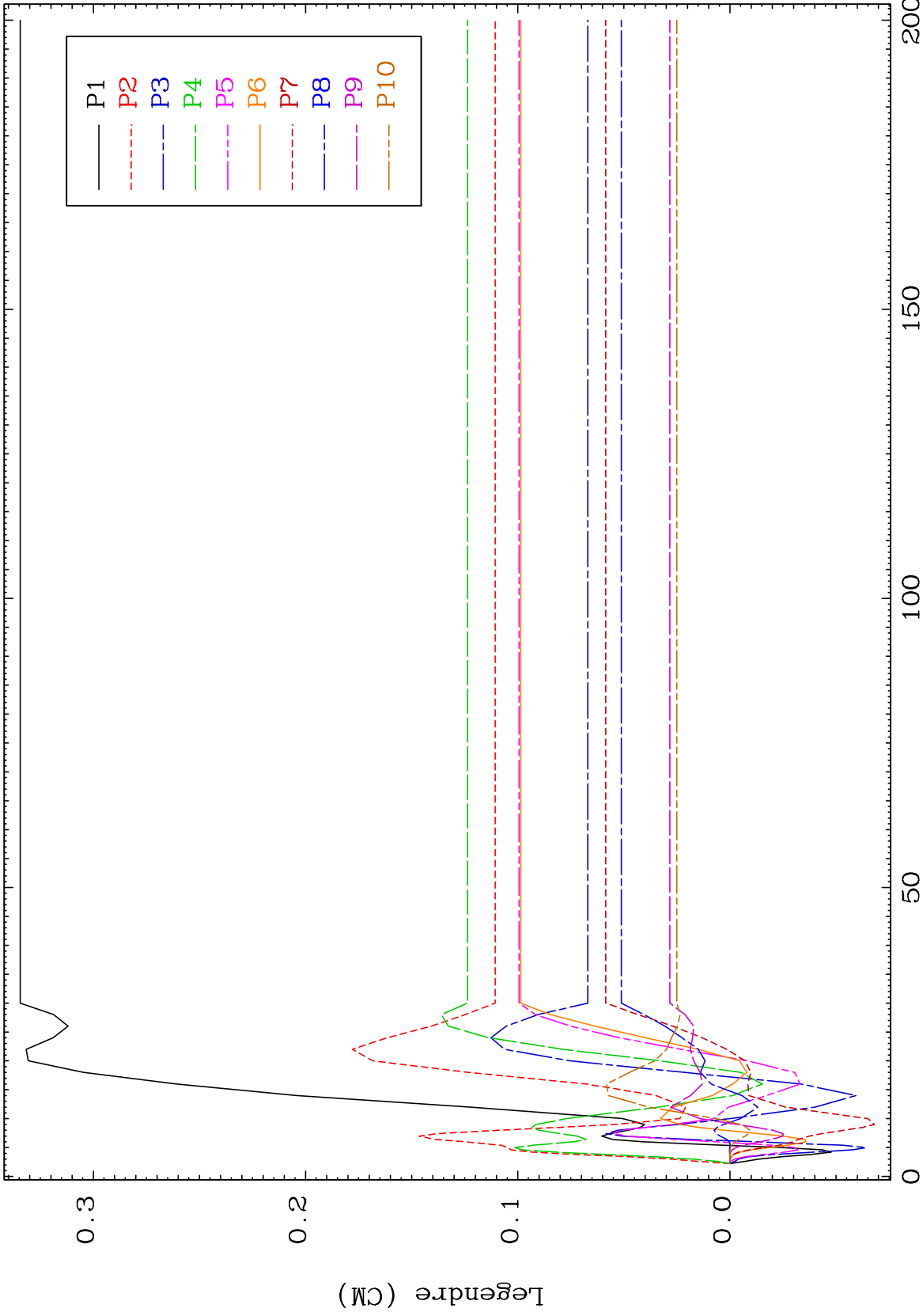
82-Pb-188



MAT 8177

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

82-Pb-188



56

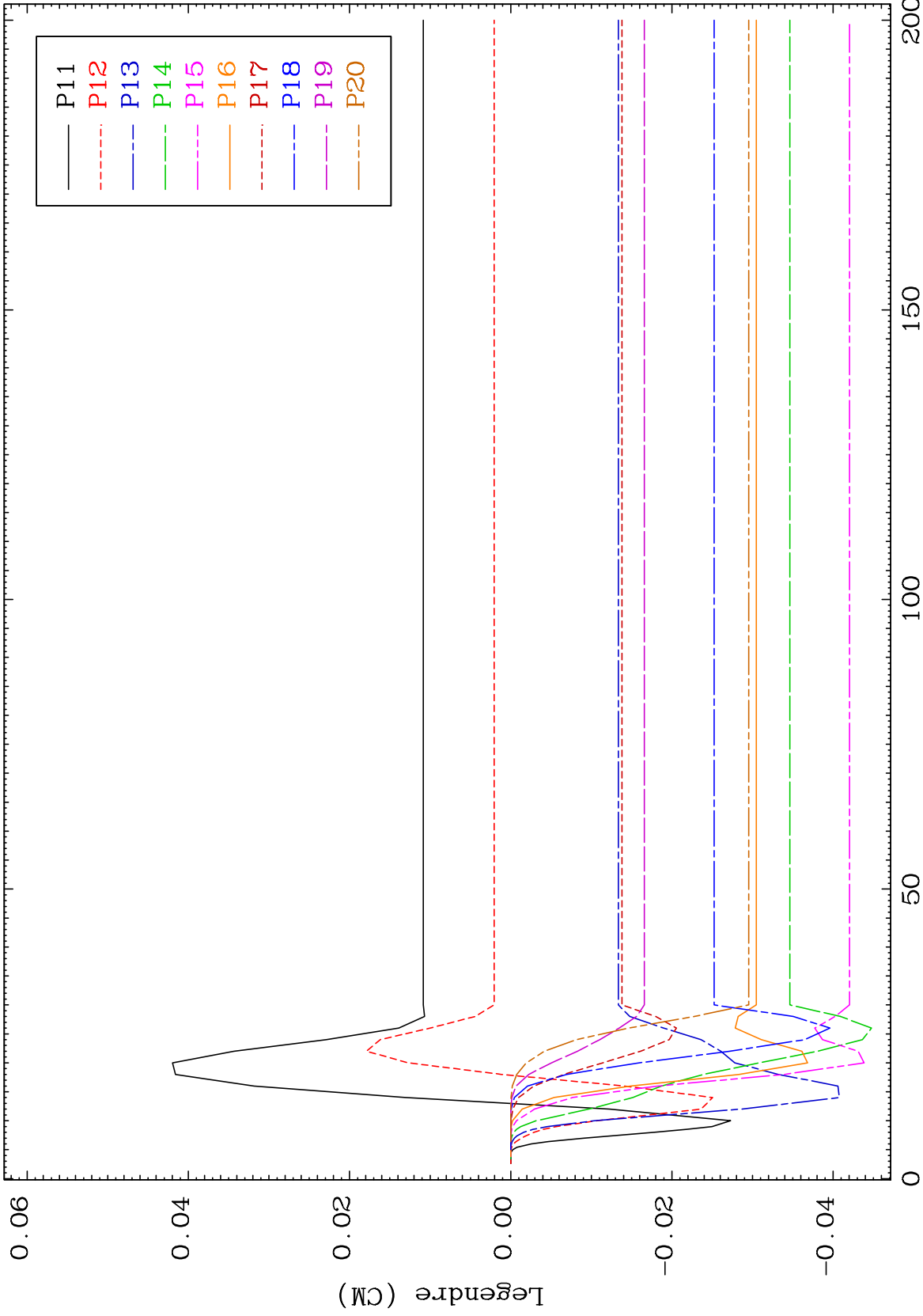
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188

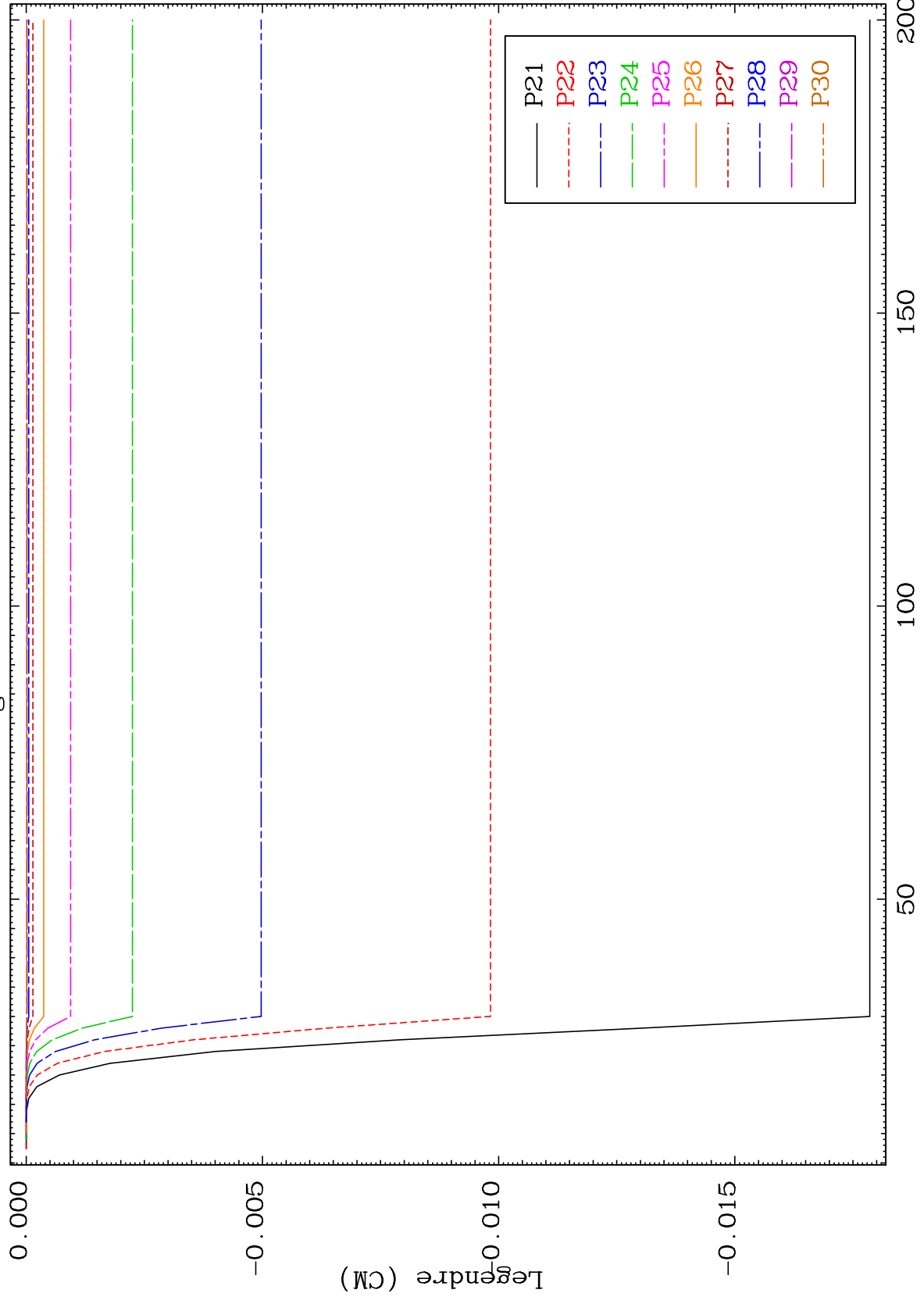


57

Incident Energy (MeV)

82-Pb-188

MAT 8177 MT= 61 (n,n') Level Legendre Coefficients 82-Pb-188

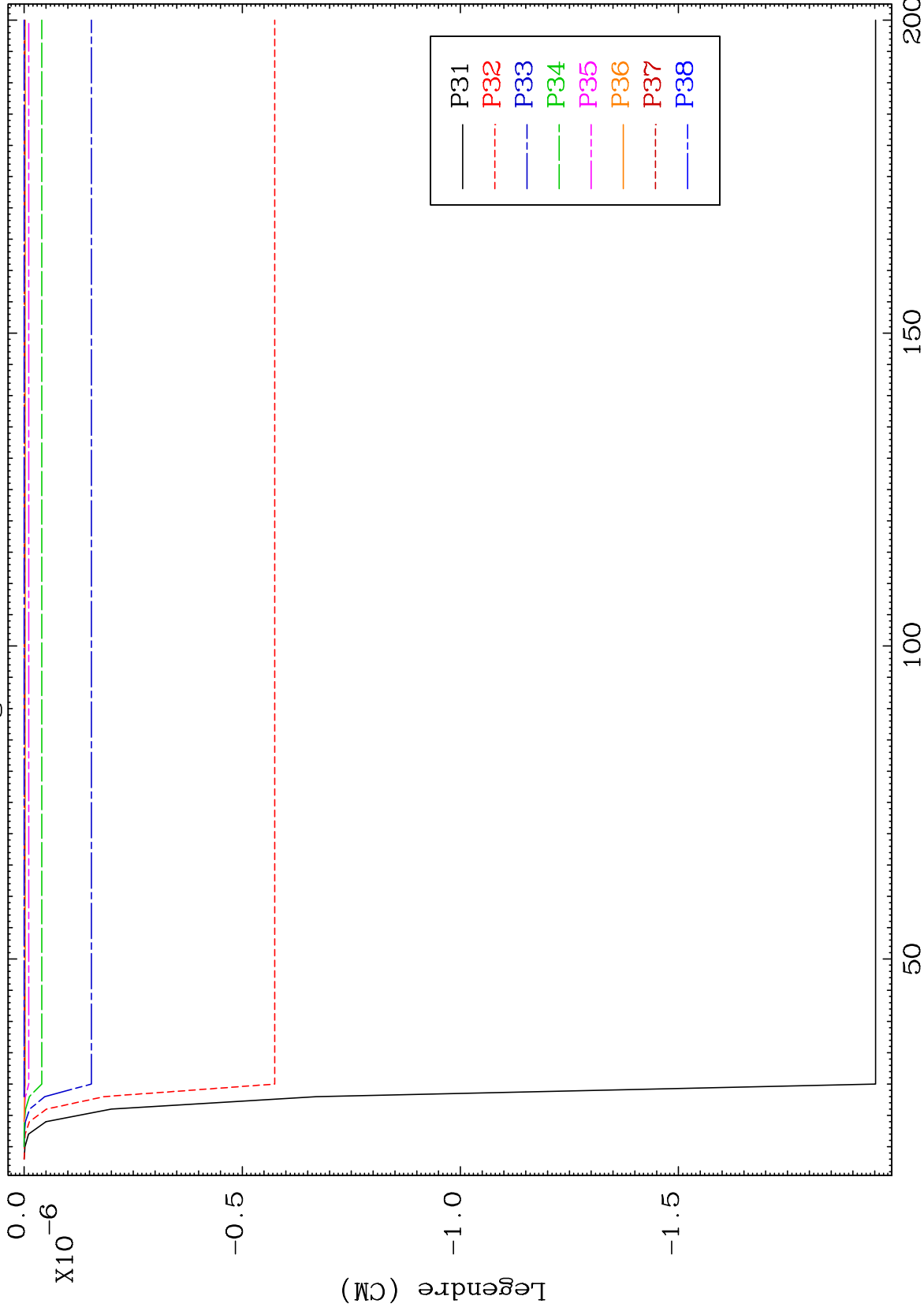


58 Incident Energy (MeV) 82-Pb-188

MAT 8177

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

82-Pb-188



59

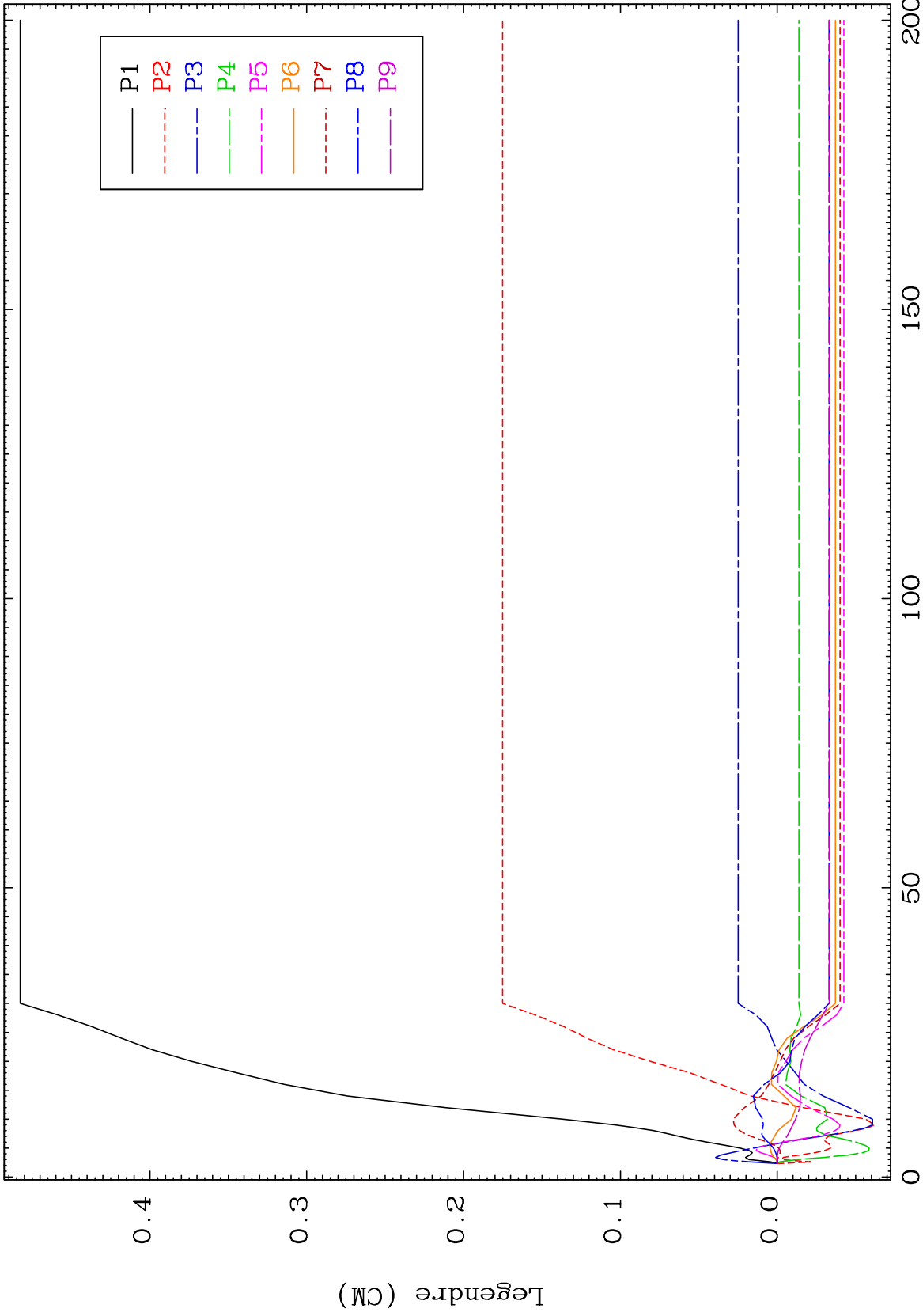
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



60

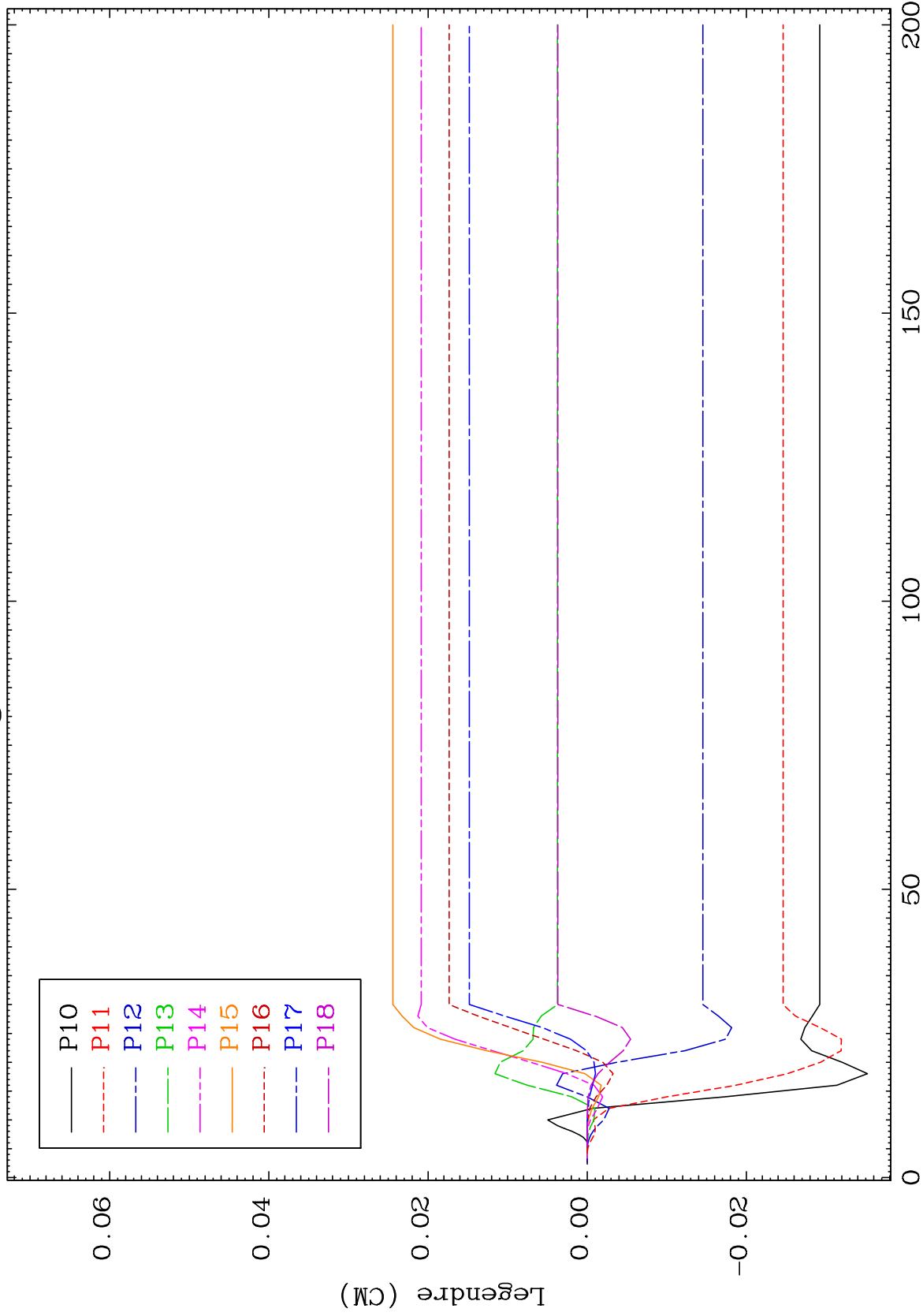
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



61

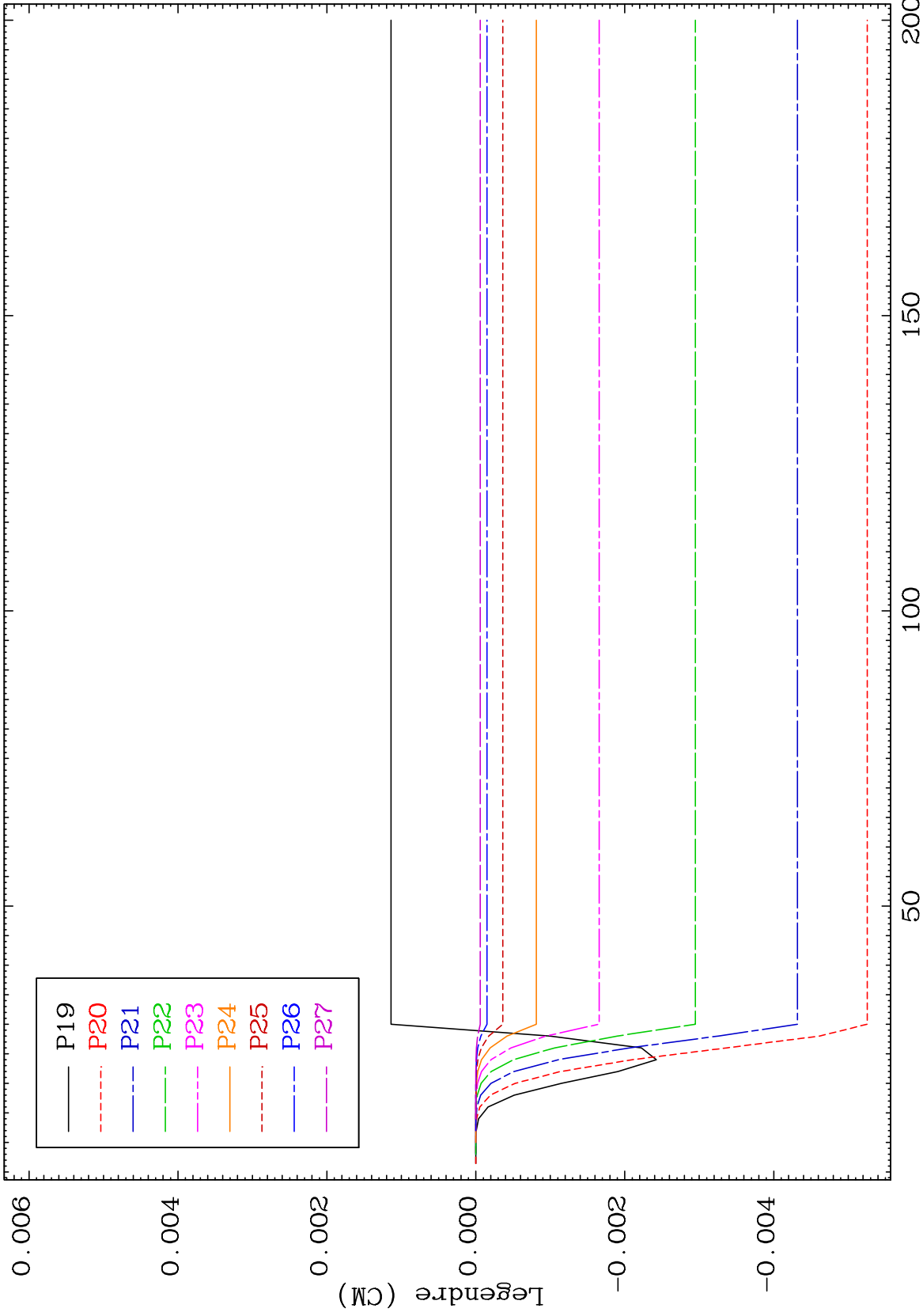
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



62

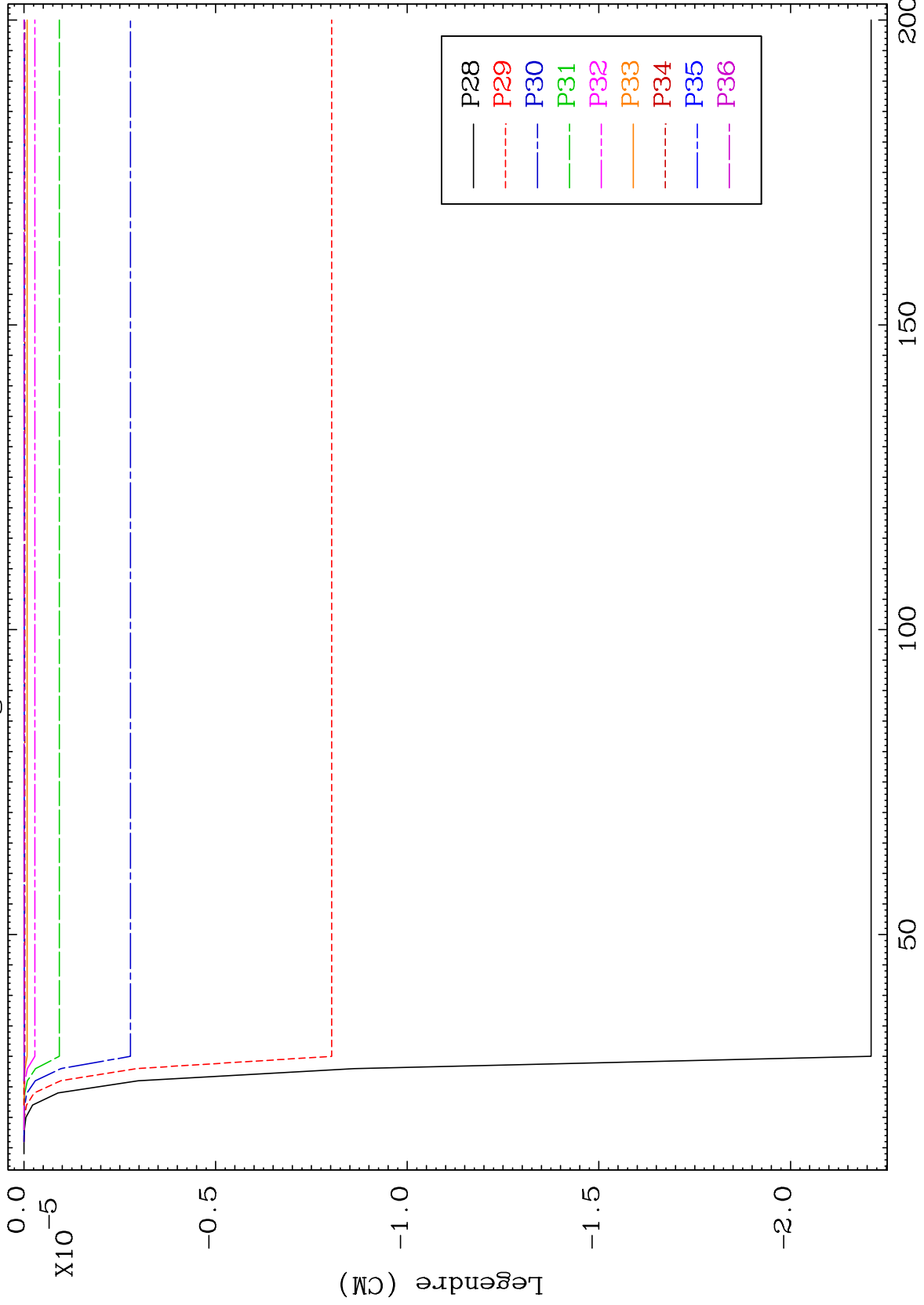
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



82-Pb-188

Incident Energy (MeV)

63

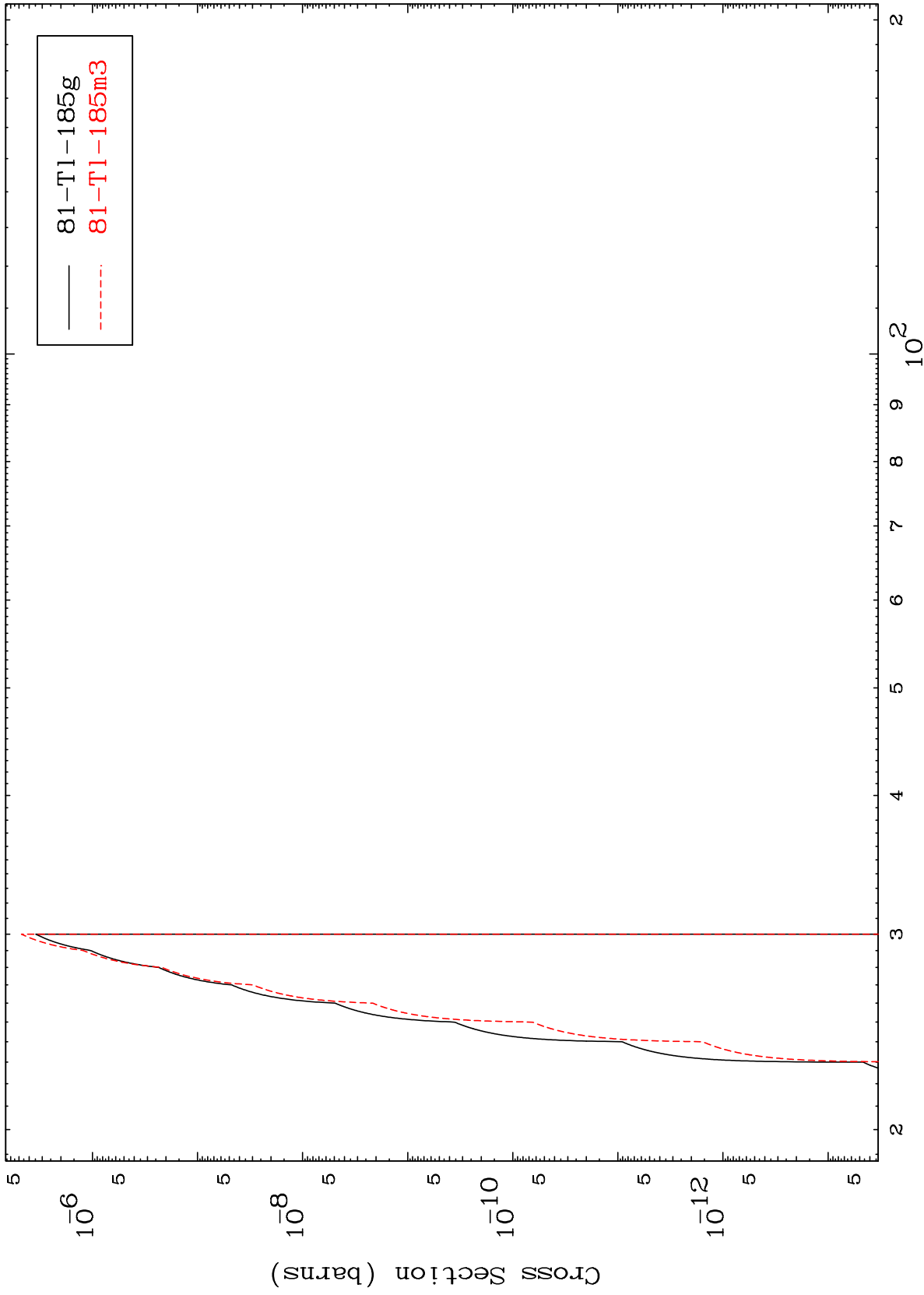


MAT 8177

(n,2n) d

82-Pb-188

Radionuclide Production Cross Section



64

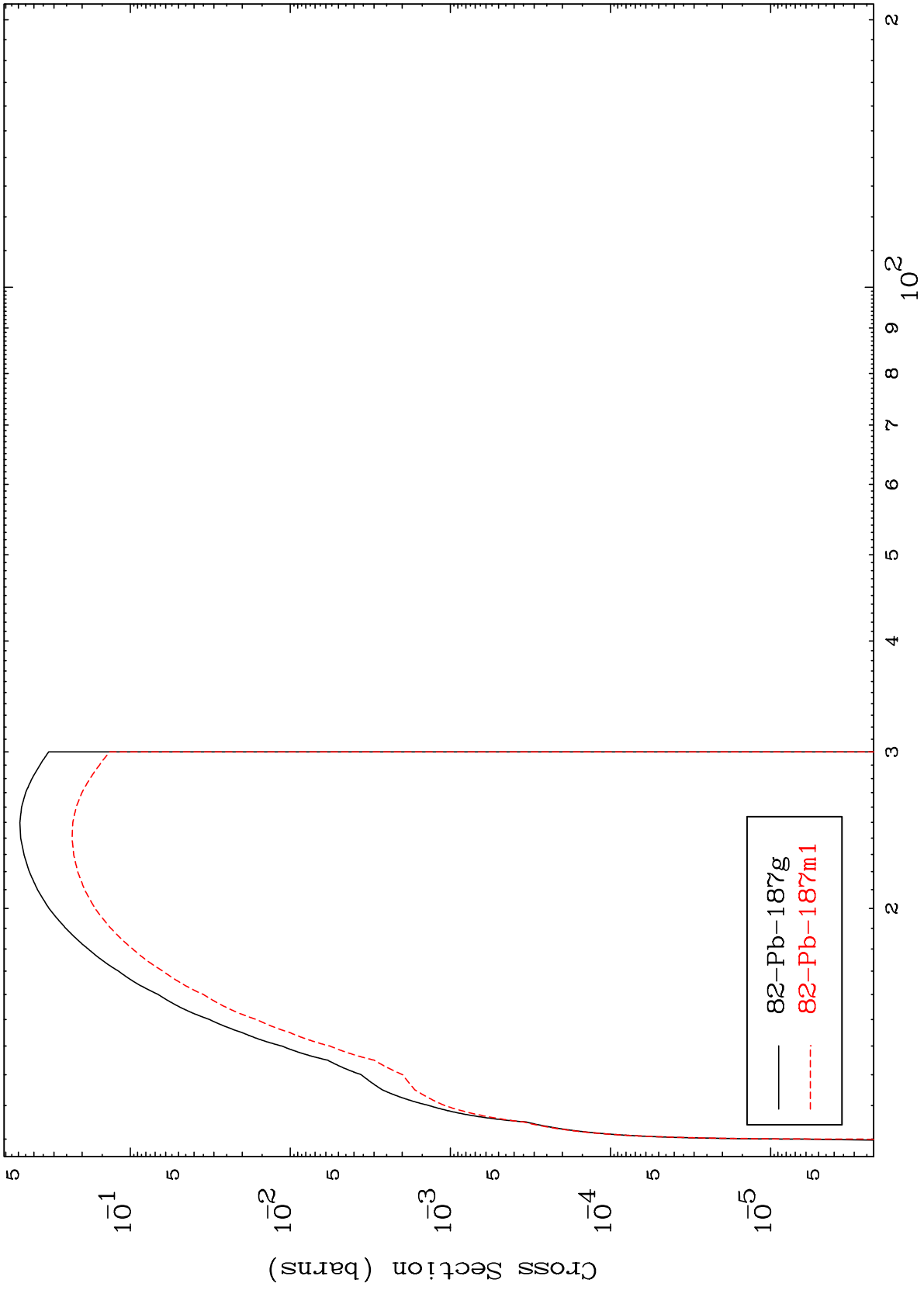
Incident Energy (MeV)

82-Pb-188

MAT 8177

82-Pb-188

(n,2n)  
Radionuclide Production Cross Section



65

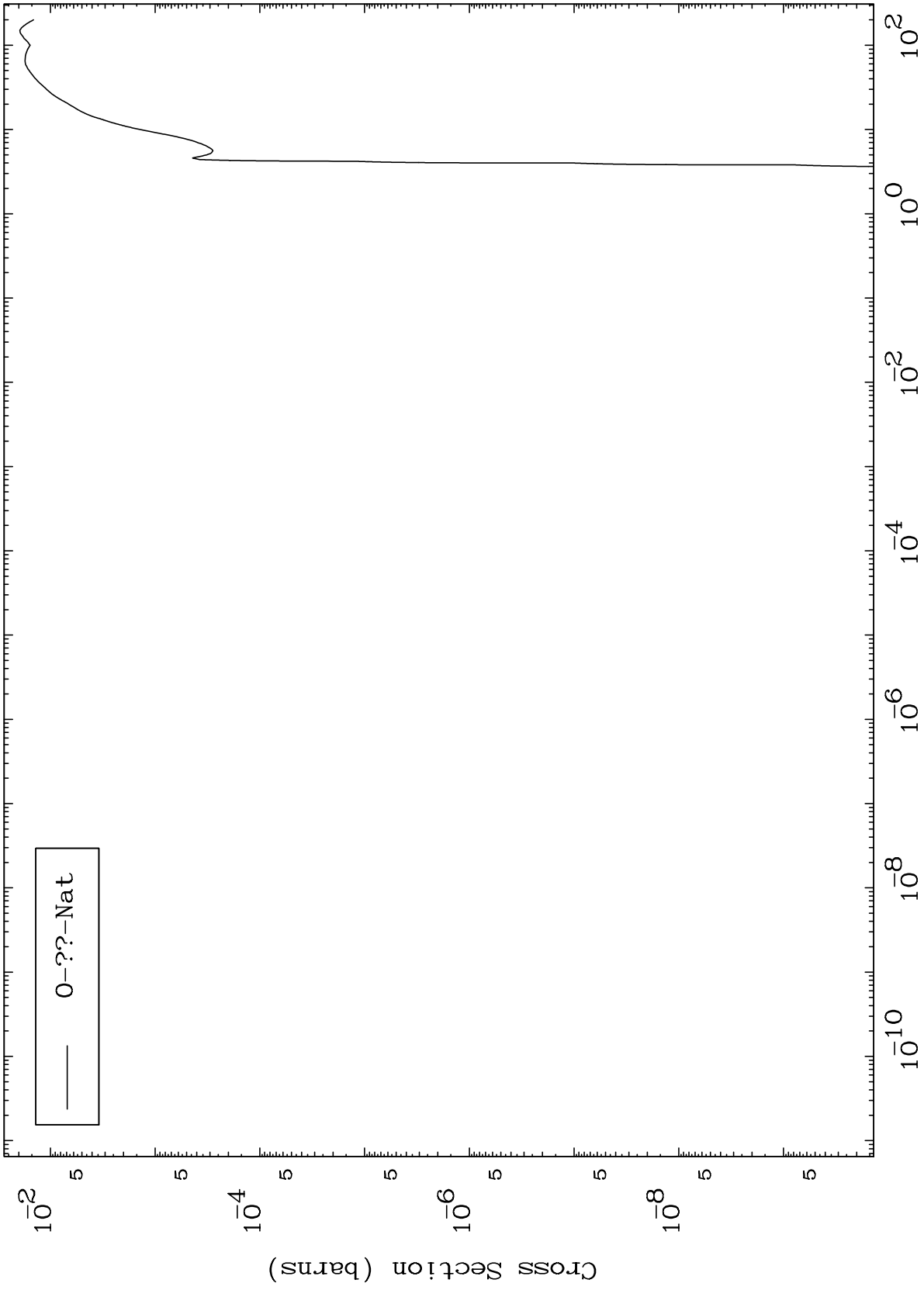
Incident Energy (MeV)

82-Pb-188

MAT 8177

Fission  
Radionuclide Production Cross Section

82-Pb-188



66

Incident Energy (MeV)

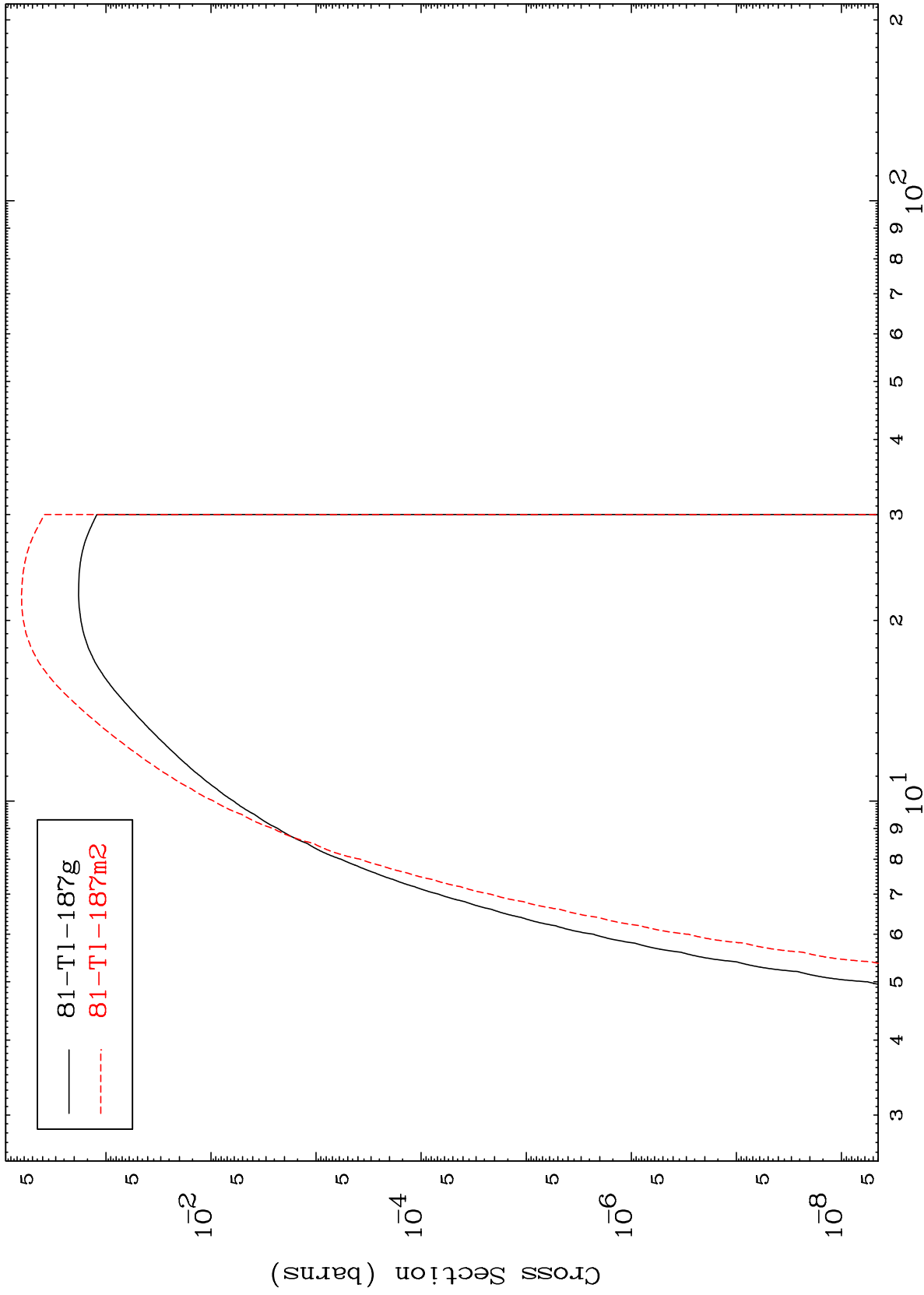
82-Pb-188

MAT 8177

(n,n') p

82-Pb-188

Radionuclide Production Cross Section



67

Incident Energy (MeV)

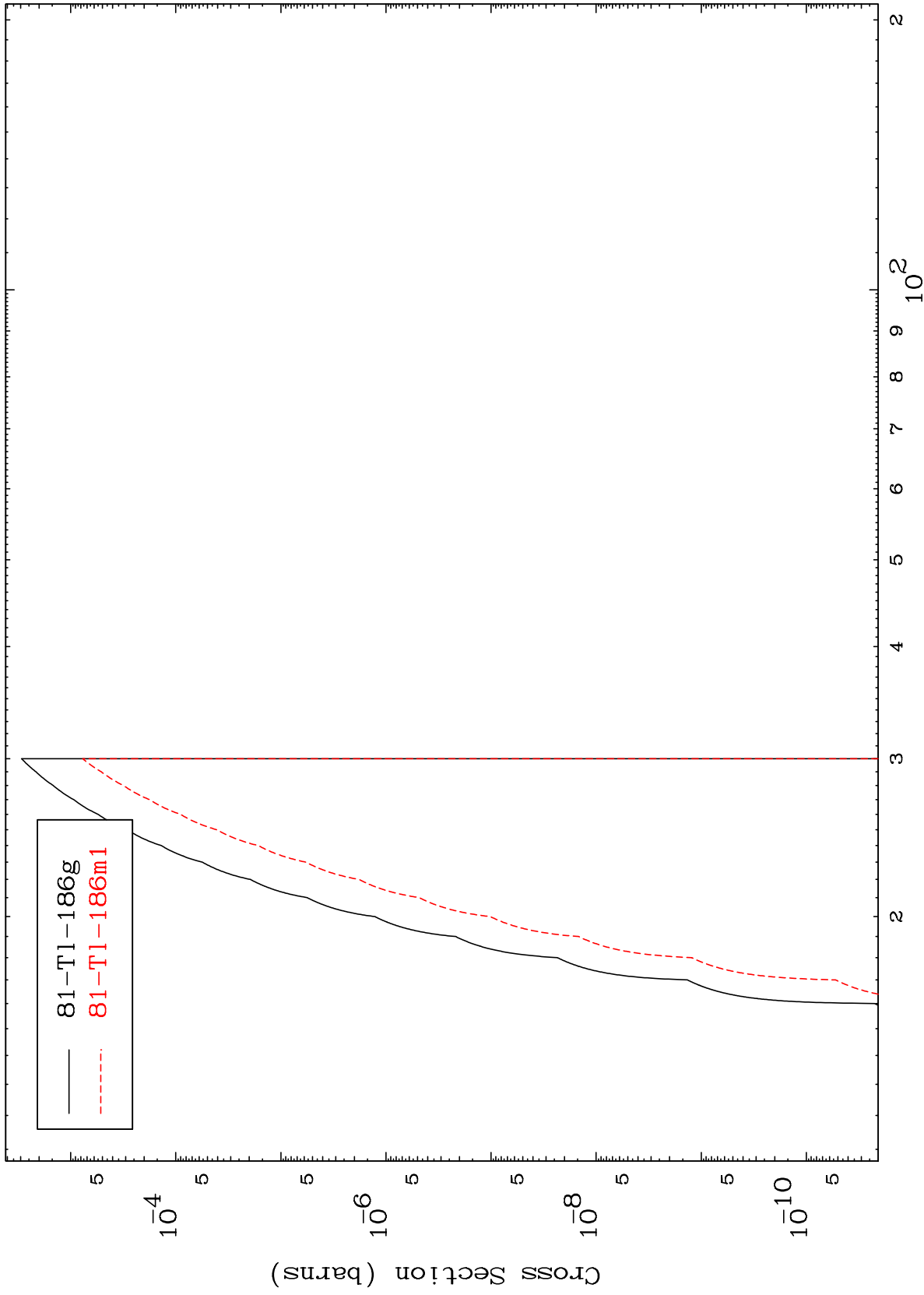
82-Pb-188

MAT 8177

(n,n') d

82-Pb-188

Radionuclide Production Cross Section



68

Incident Energy (MeV)

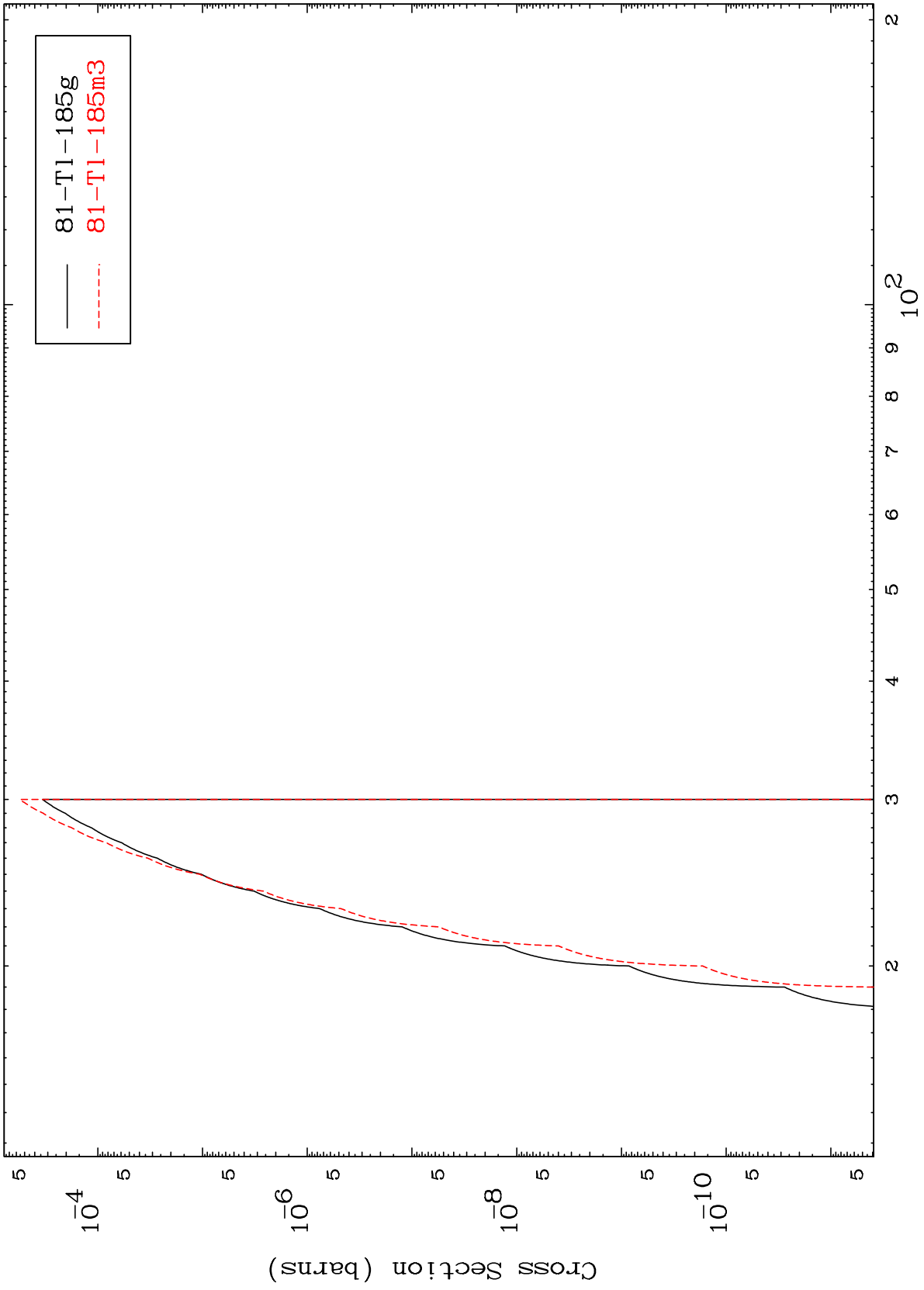
82-Pb-188

MAT 8177

(n,n') t

82-Pb-188

Radionuclide Production Cross Section



69

Incident Energy (MeV)

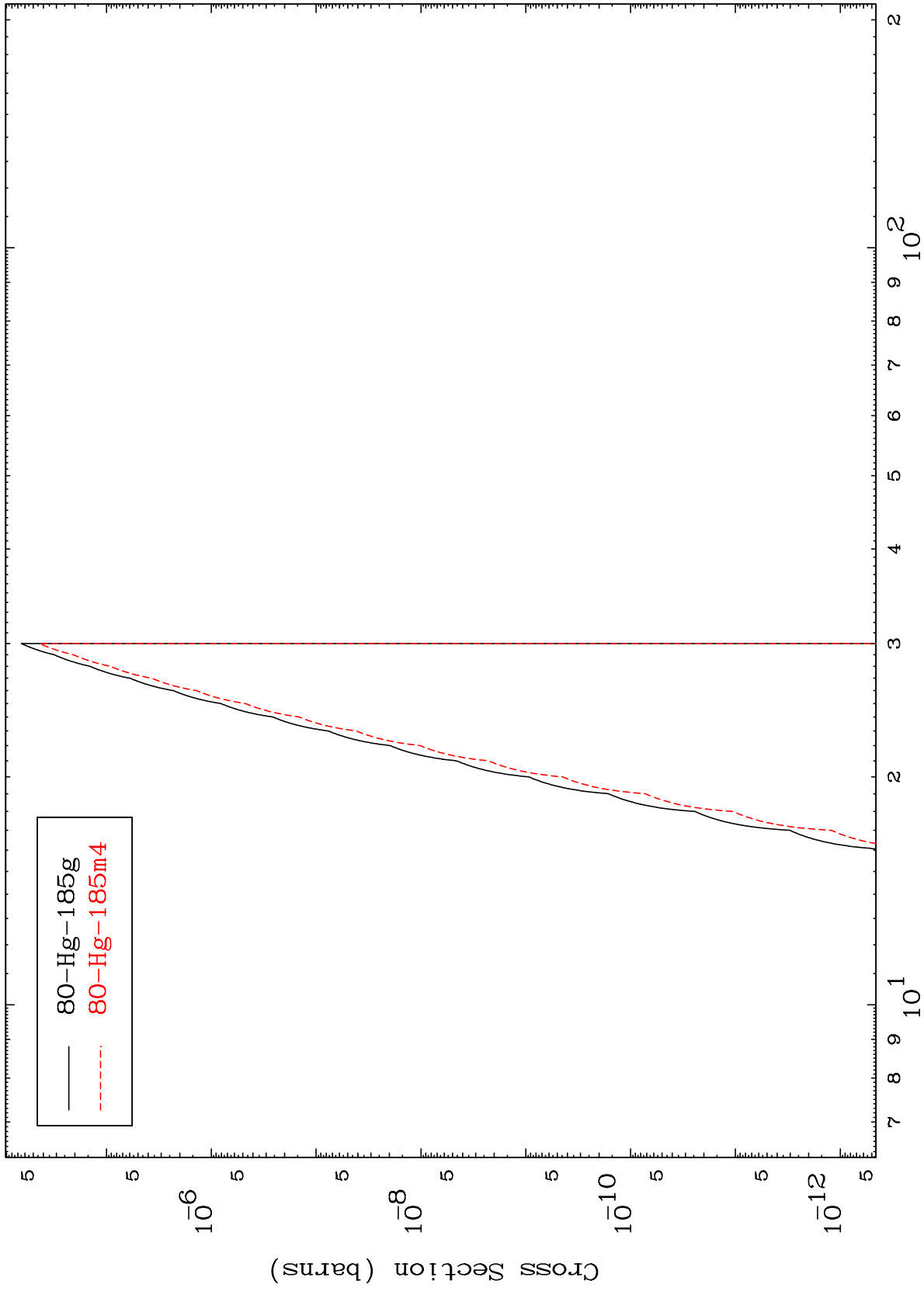
82-Pb-188

MAT 8177

(n, n') He-3

82-Pb-188

Radionuclide Production Cross Section



70

Incident Energy (MeV)

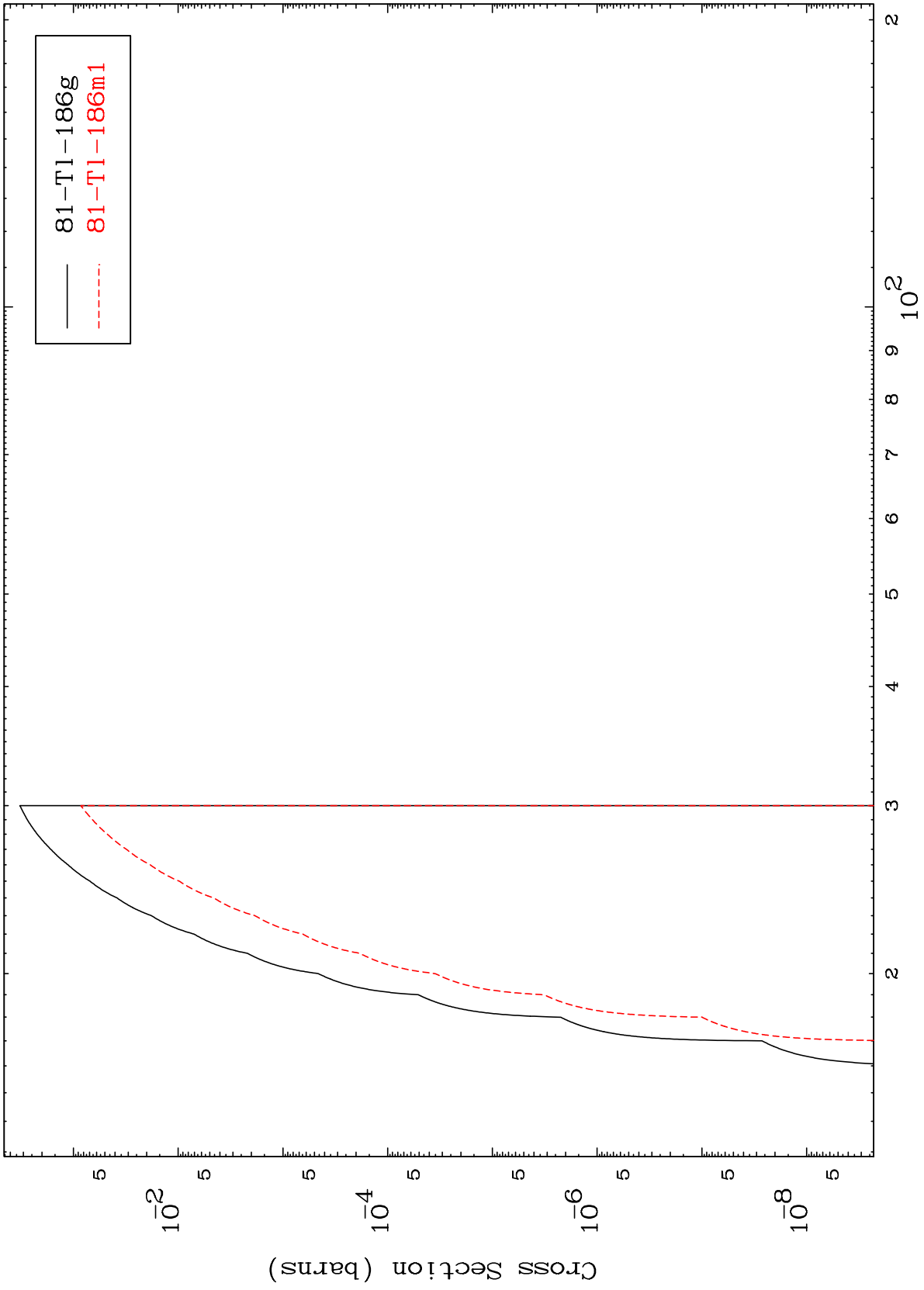
82-Pb-188

MAT 8177

(n,2n) p

82-Pb-188

Radionuclide Production Cross Section



71

Incident Energy (MeV)

82-Pb-188

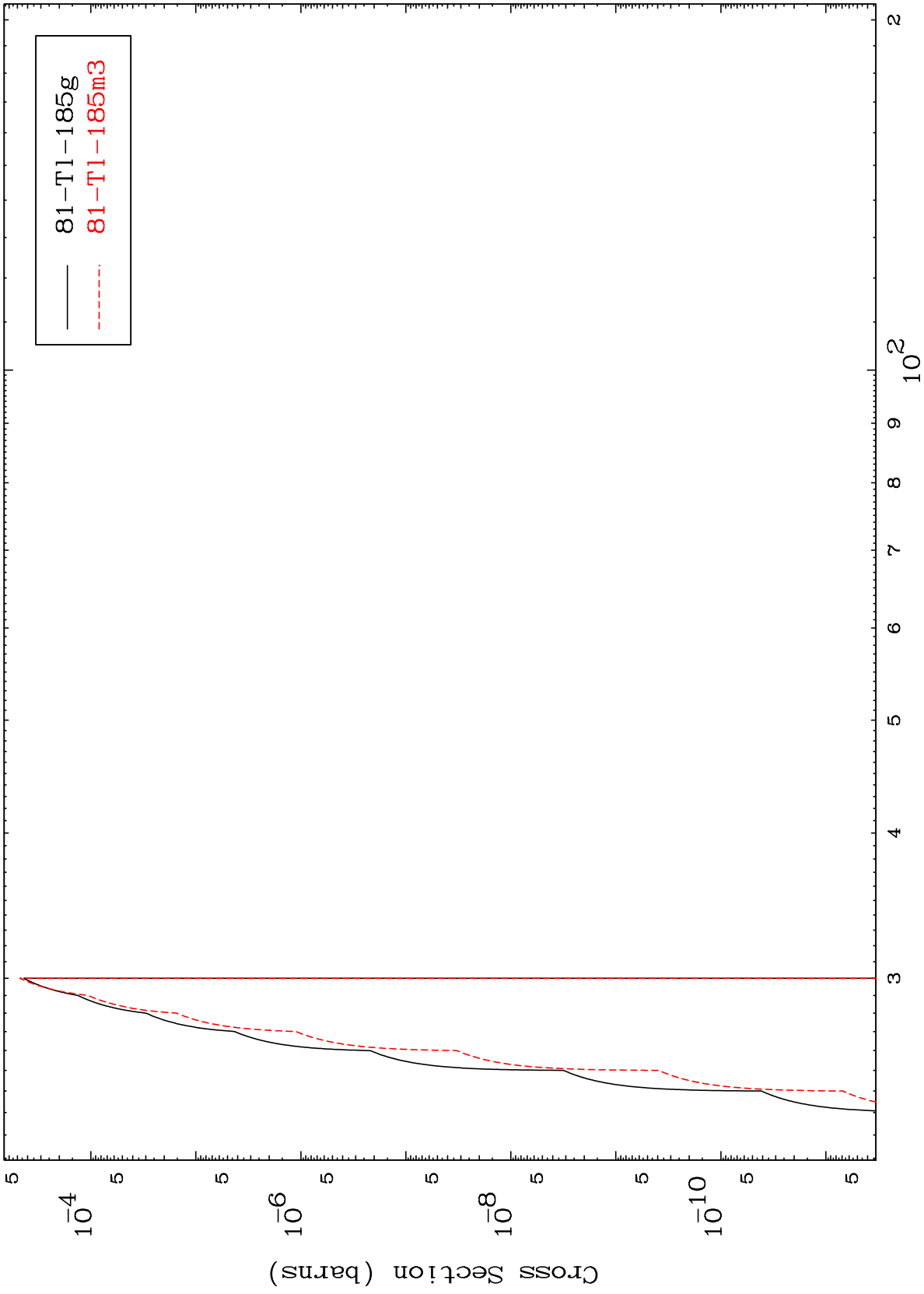


MAT 8177

(n,3n) p

82-Pb-188

Radionuclide Production Cross Section



72

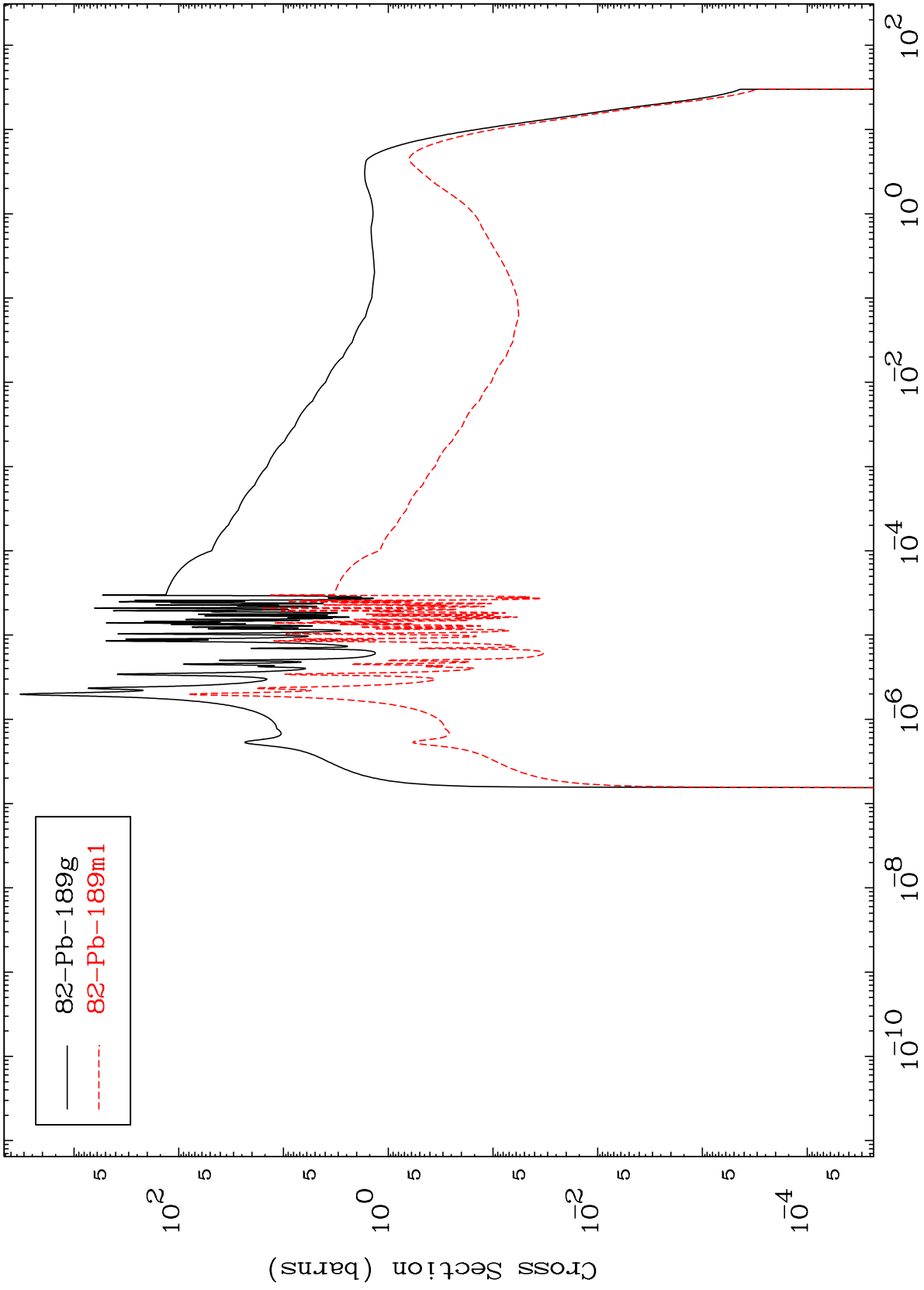
Incident Energy (MeV)

82-Pb-188

MAT 8177

82-Pb-188

(n,γ)  
Radionuclide Production Cross Section



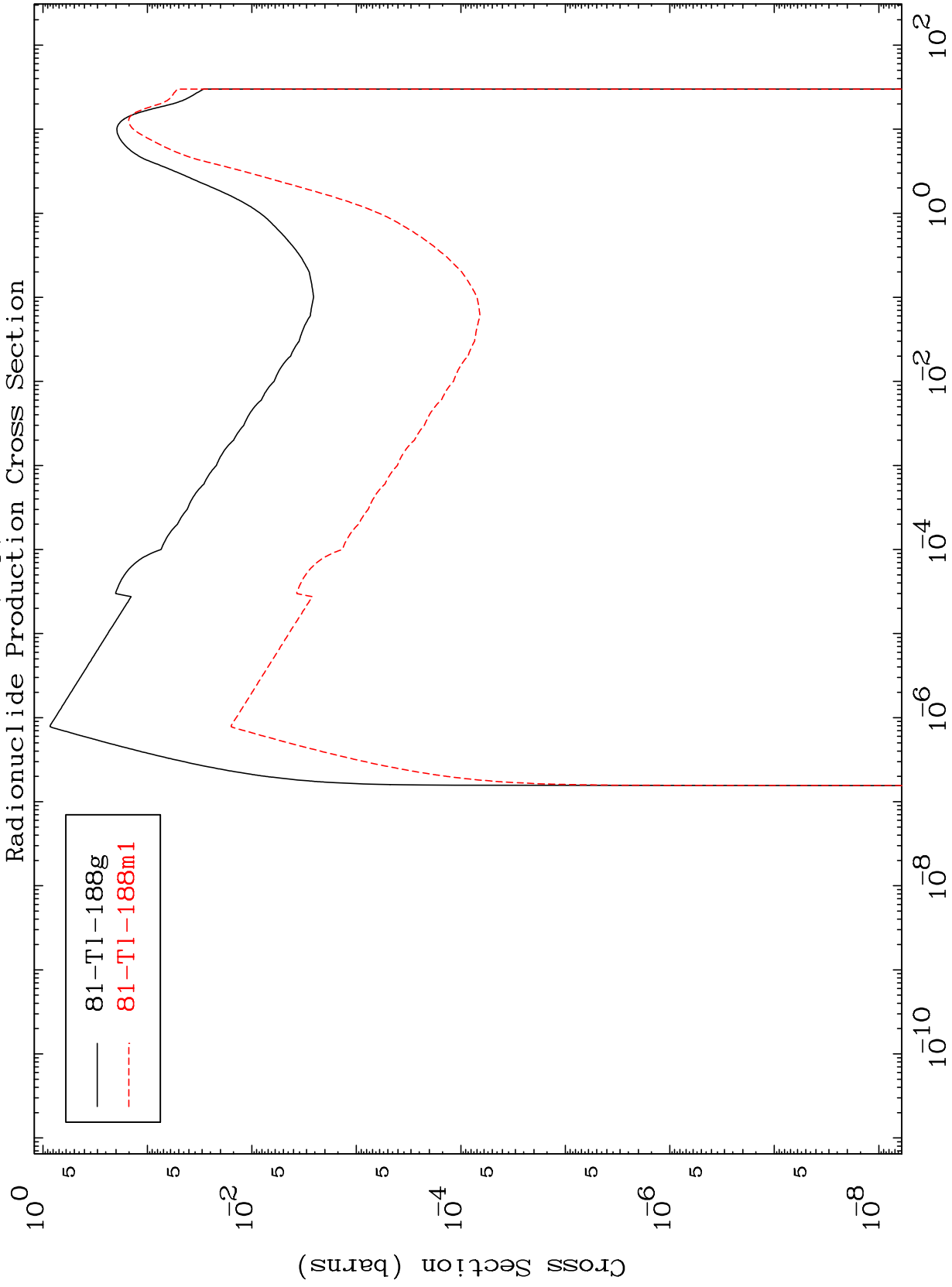
73

82-Pb-188

MAT 8177

(n,p)

82-Pb-188

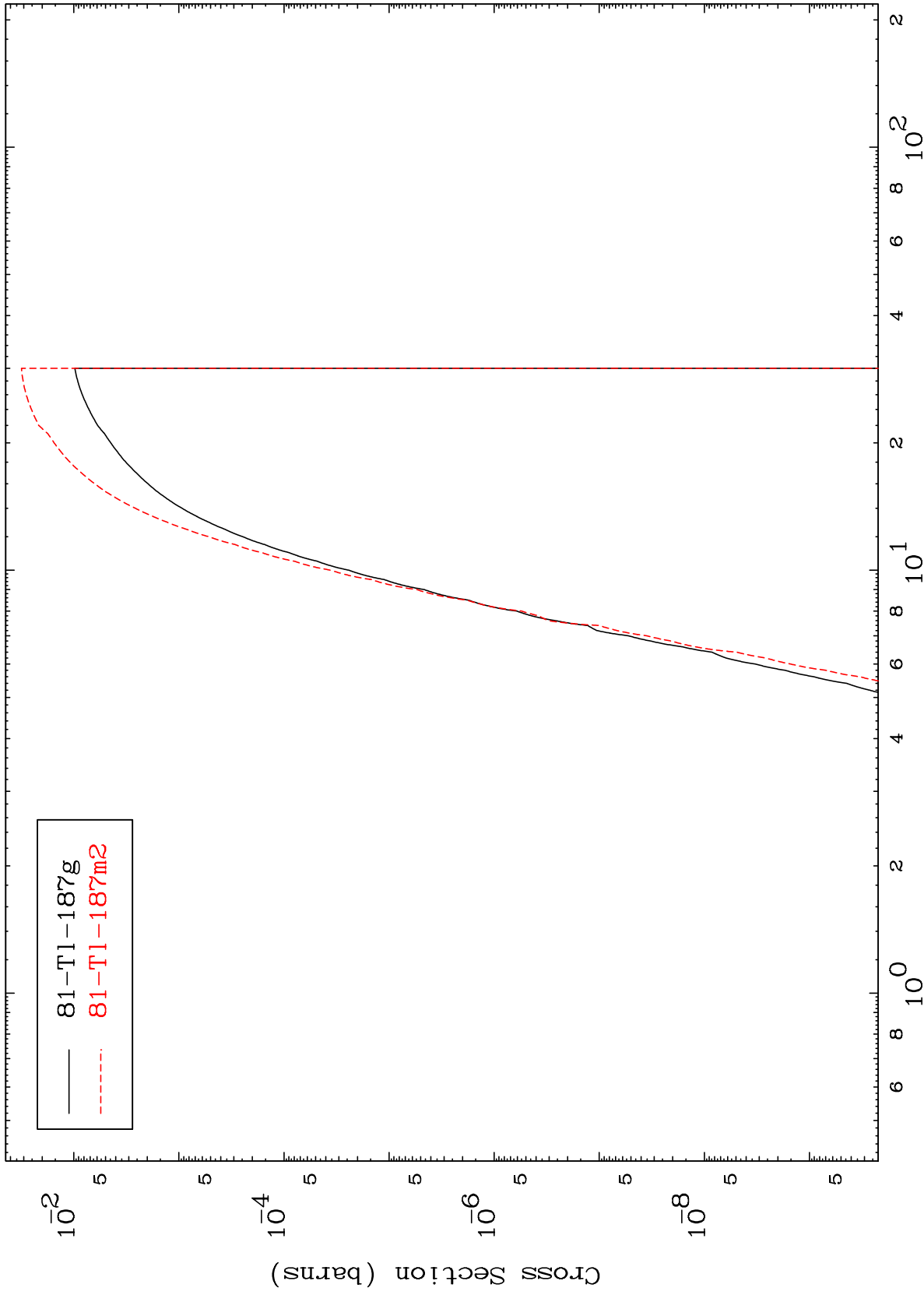


MAT 8177

(n,d)

82-Pb-188

Radionuclide Production Cross Section



75

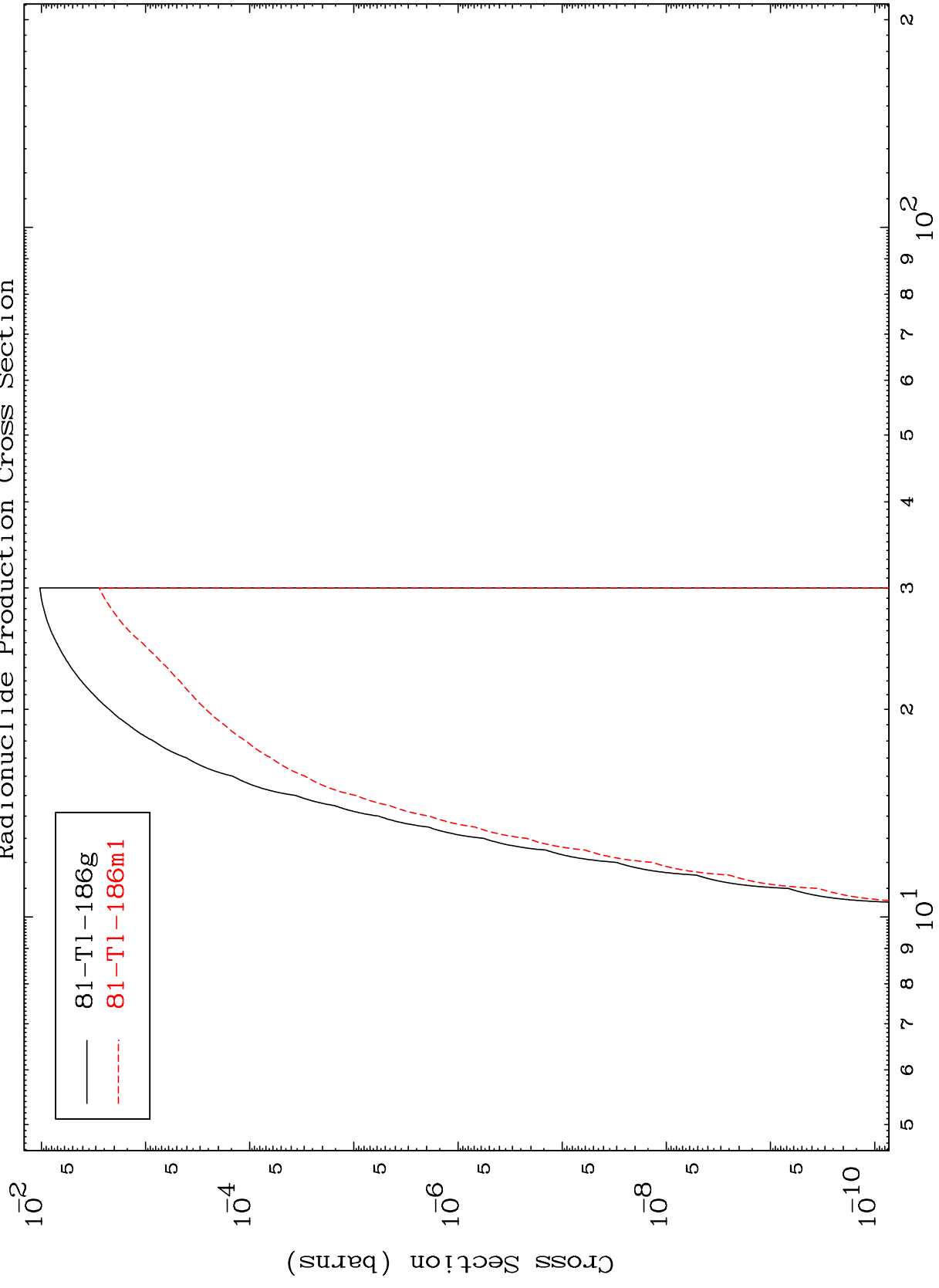
Incident Energy (MeV)

82-Pb-188

MAT 8177

82-Pb-188

Radionuclide Production Cross Section (n,t)



81-Tl-186g  
81-Tl-186m1

76

Incident Energy (MeV)

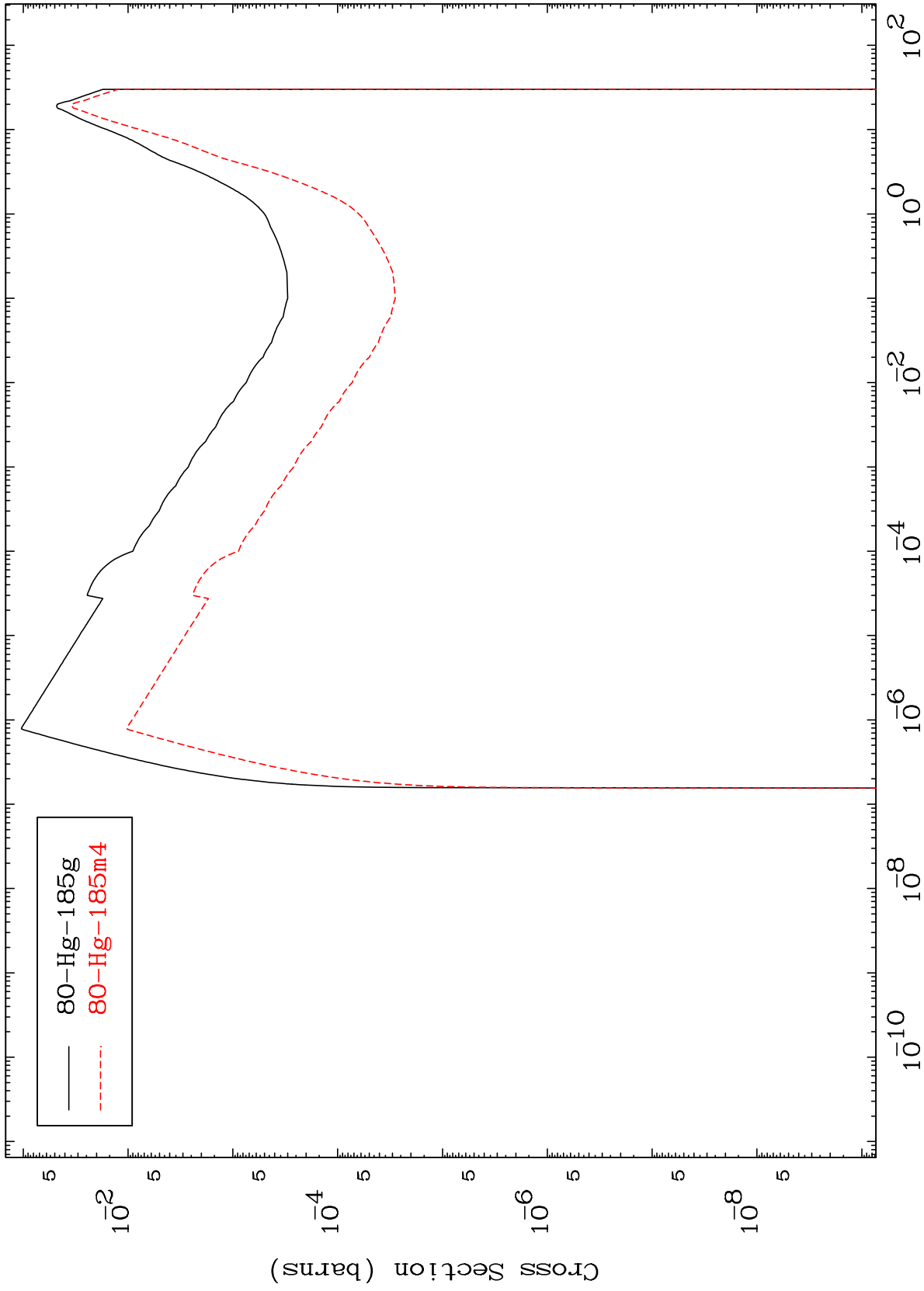
82-Pb-188

MAT 8177

(n,  $\alpha$ )

82-Pb-188

Radionuclide Production Cross Section



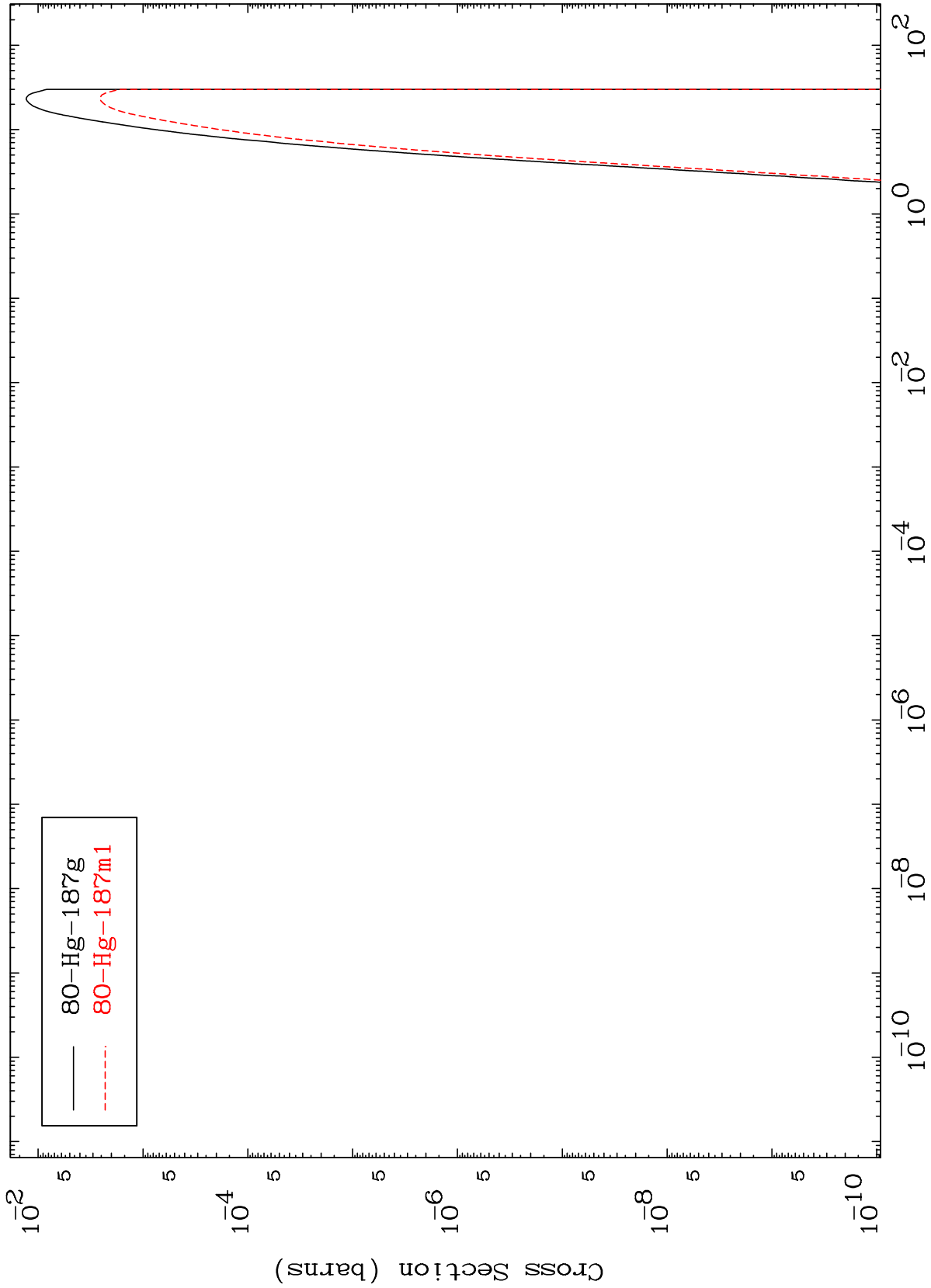
77

MAT 8177

(n,2p)

82-Pb-188

Radionuclide Production Cross Section



80-Hg-187g  
80-Hg-187m1

78

Incident Energy (MeV)

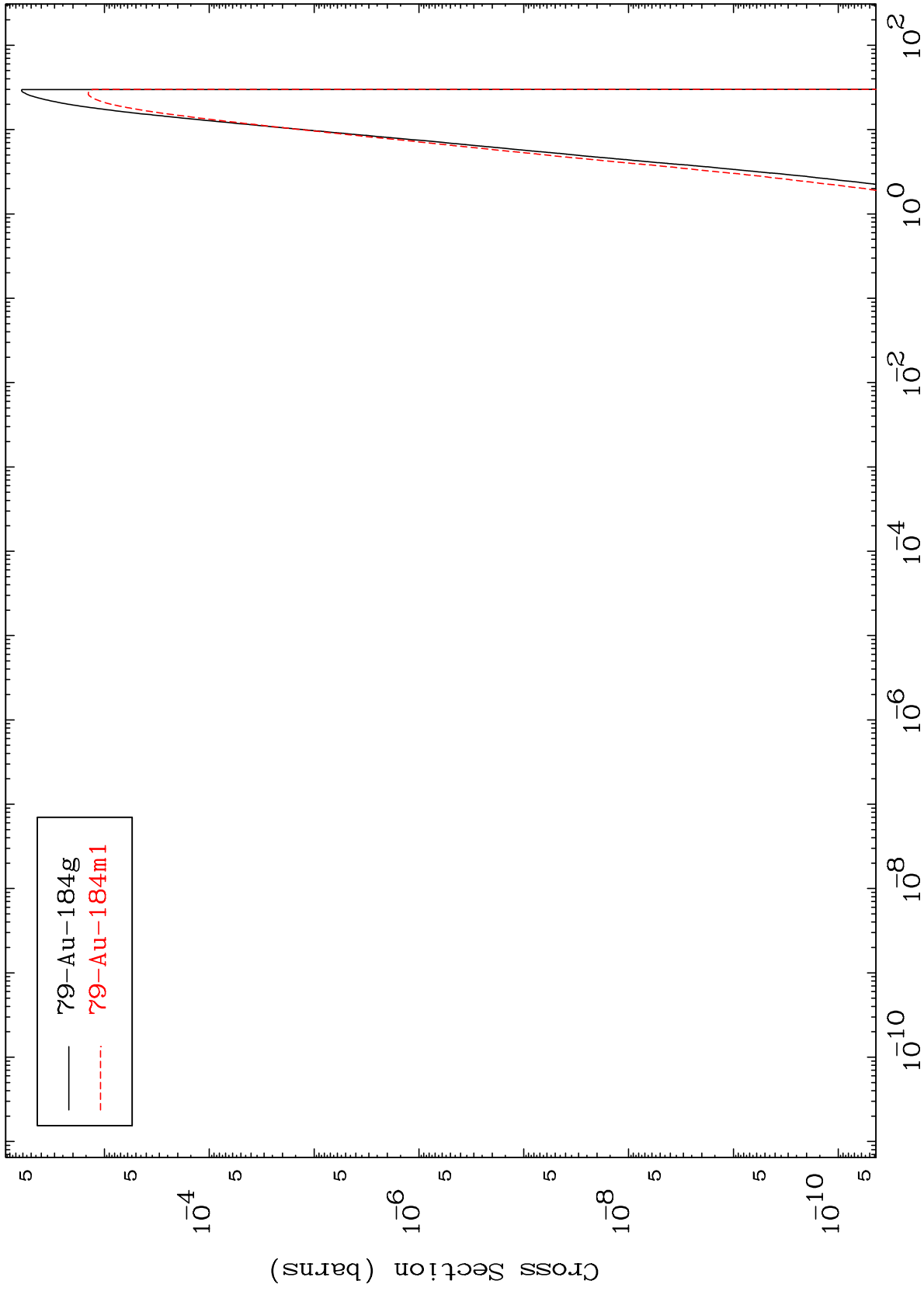
82-Pb-188

MAT 8177

(n,p)  $\alpha$

82-Pb-188

Radionuclide Production Cross Section



79

Incident Energy (MeV)

82-Pb-188

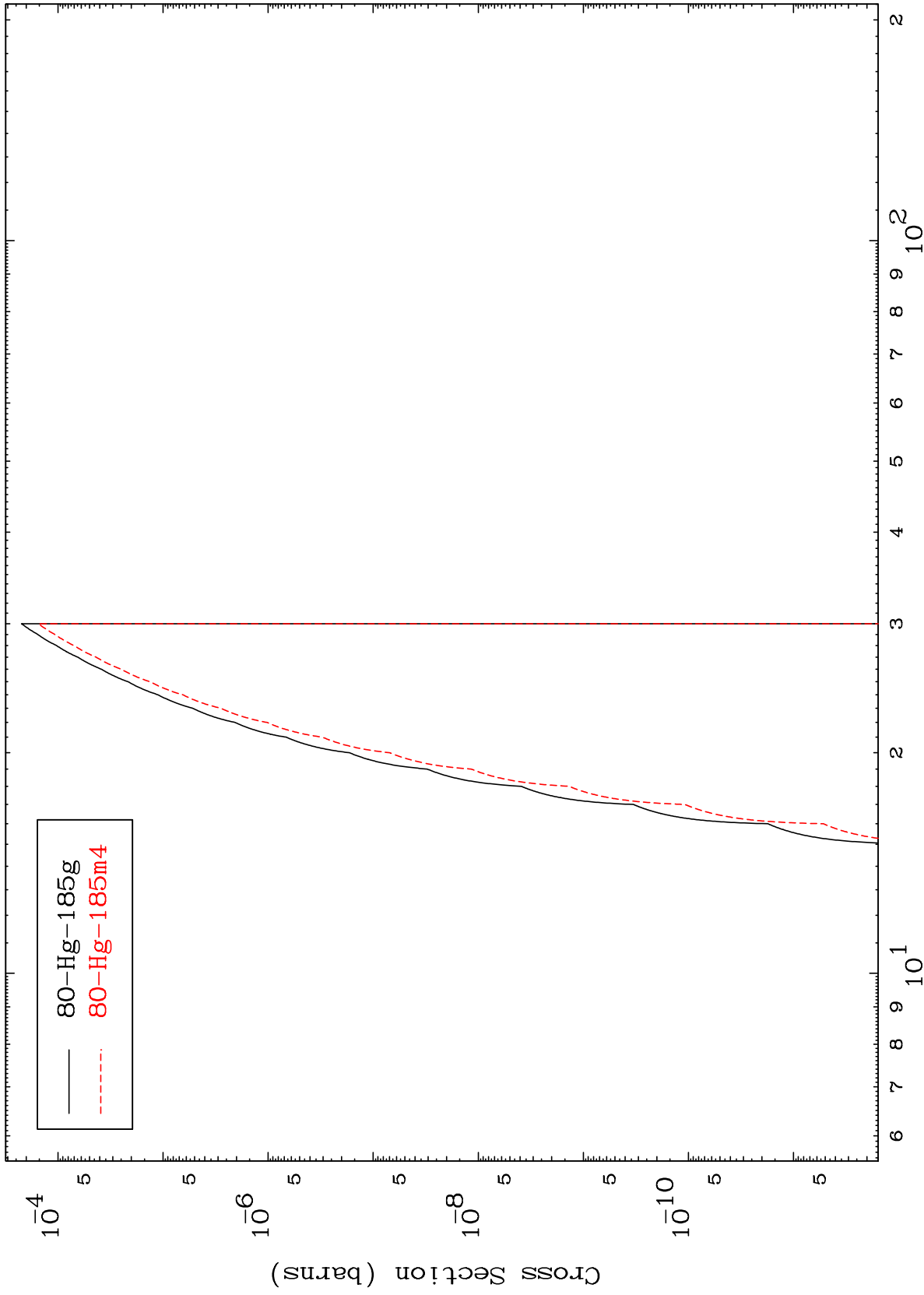


MAT 8177

(n,p) t

82-Pb-188

Radionuclide Production Cross Section



80

Incident Energy (MeV)

82-Pb-188