

Program EVALPLOT  
(Version 2018-1)

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](mailto:redcullen1@comcast.net)

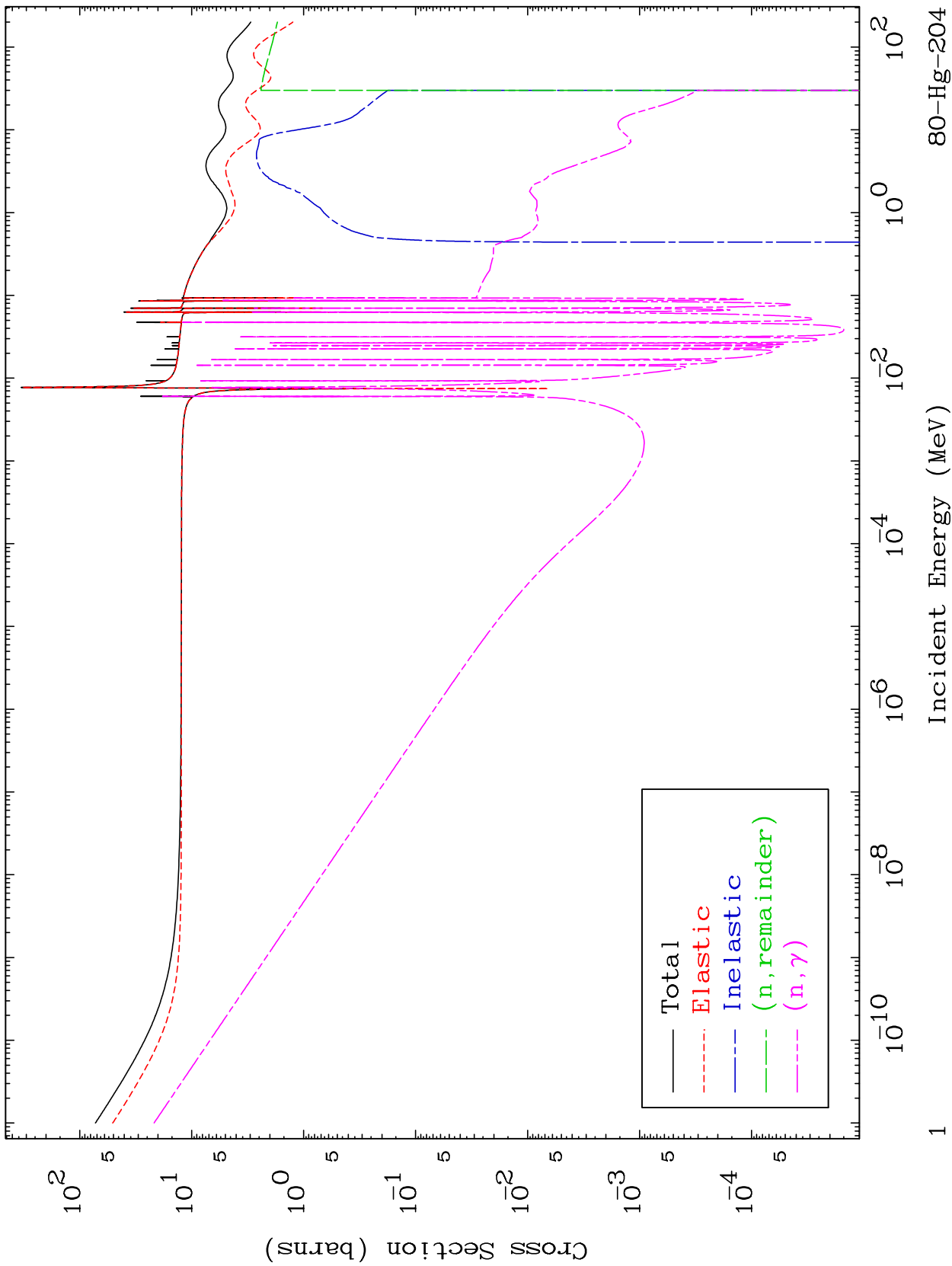
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8049

Major  
293 Kelvin Cross Sections

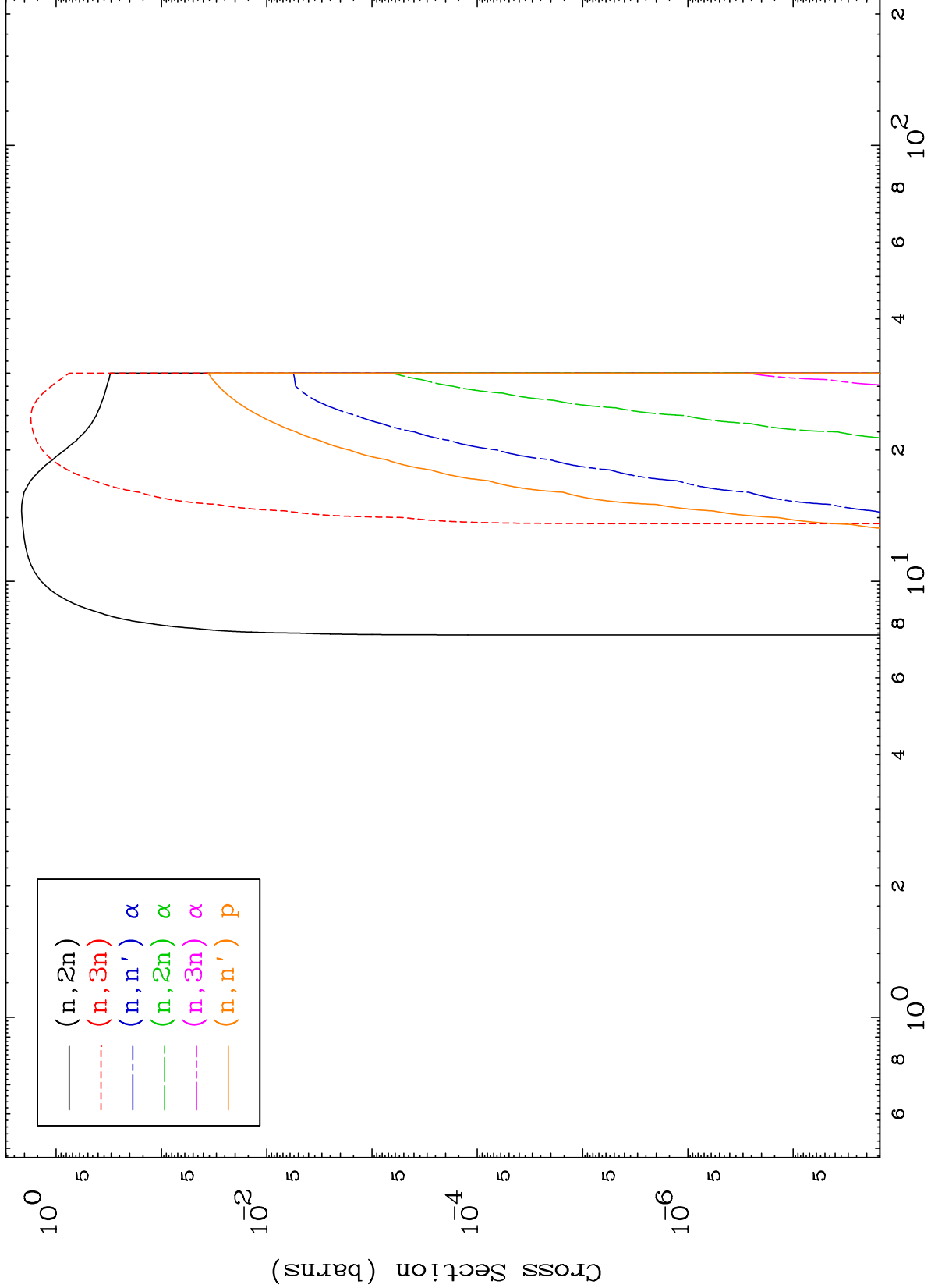
80-Hg-204

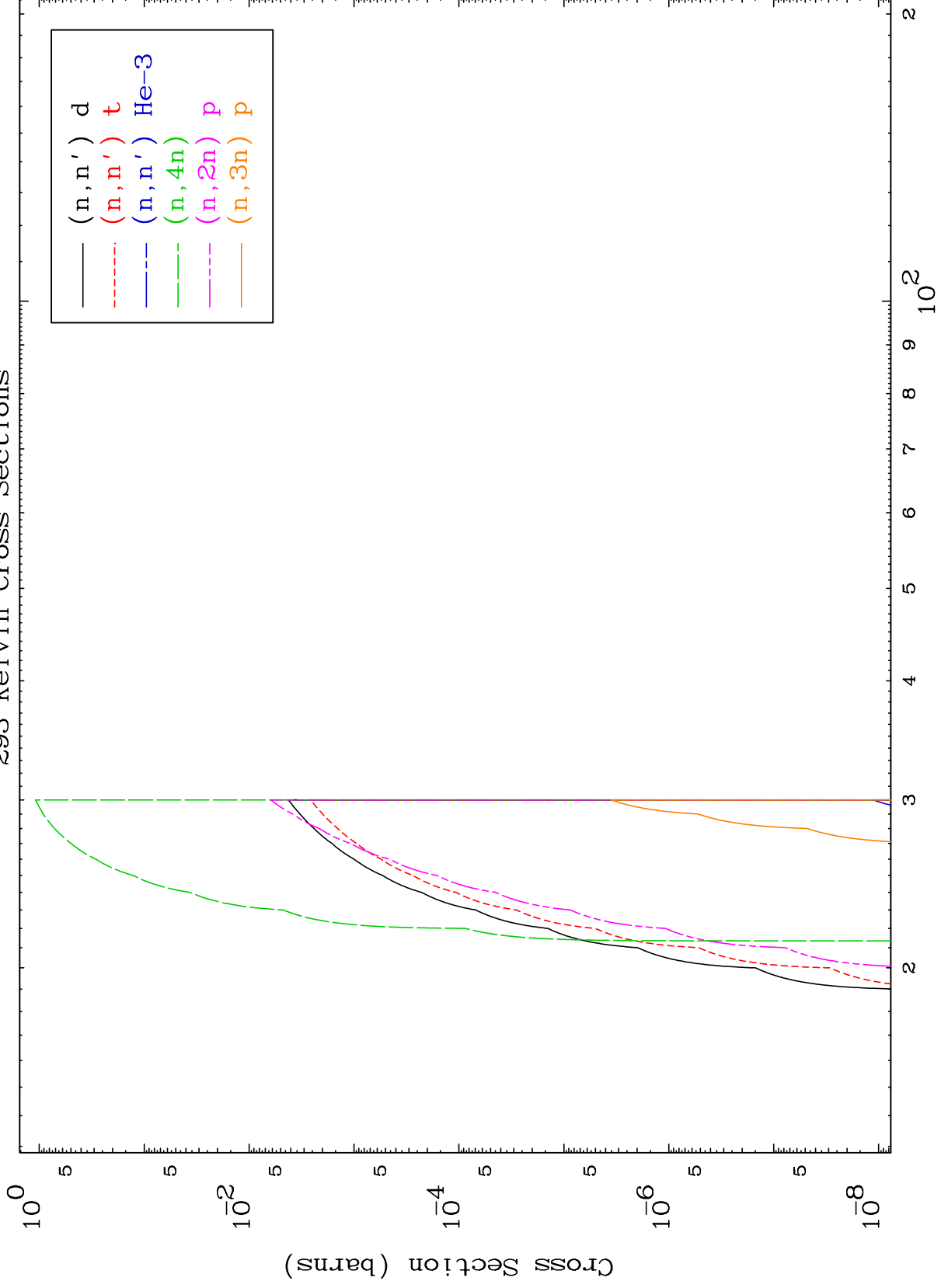


MAT 8049

Neutron Production  
293 Kelvin Cross Sections

80-Hg-204

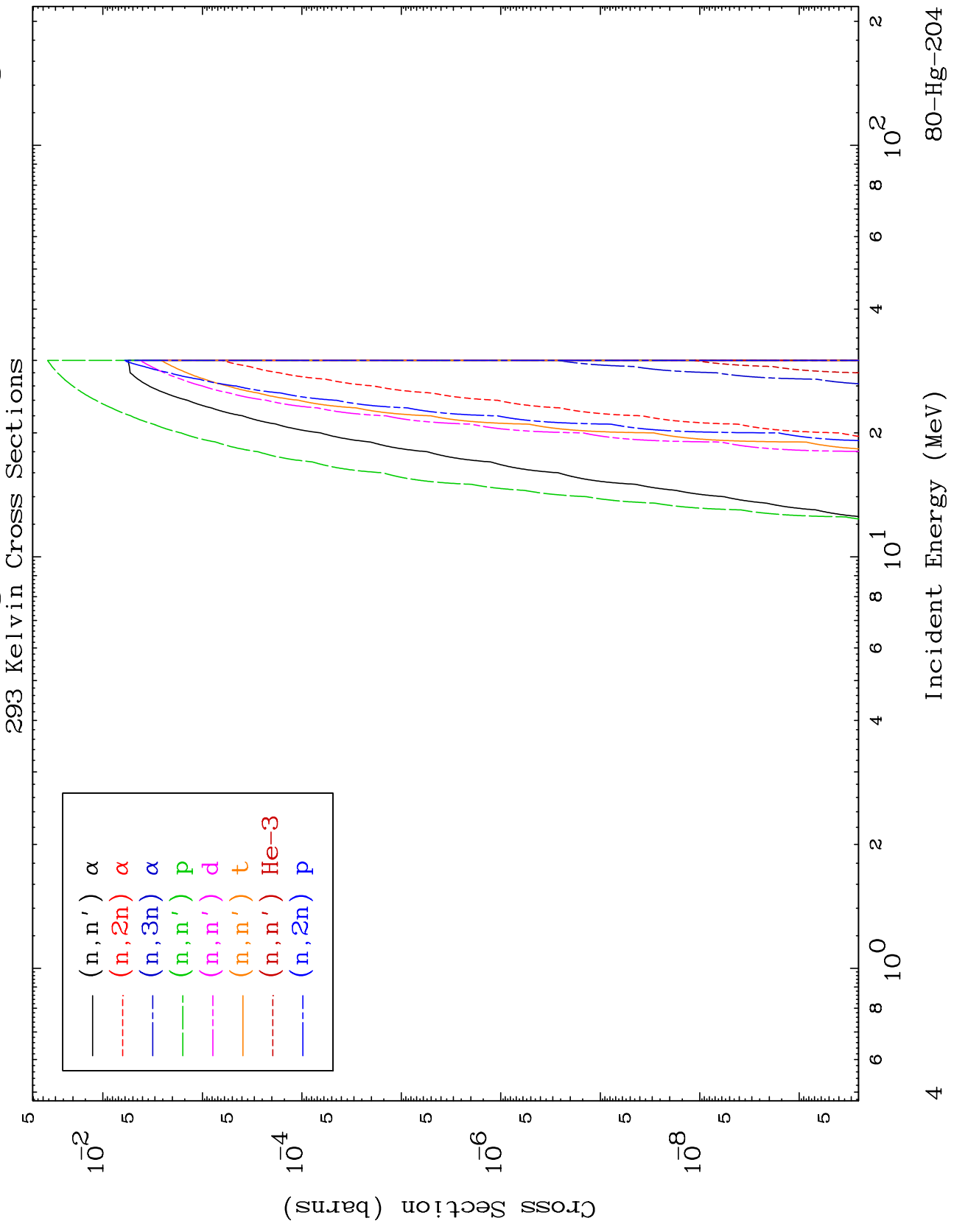




MAT 8049

Charged Particle

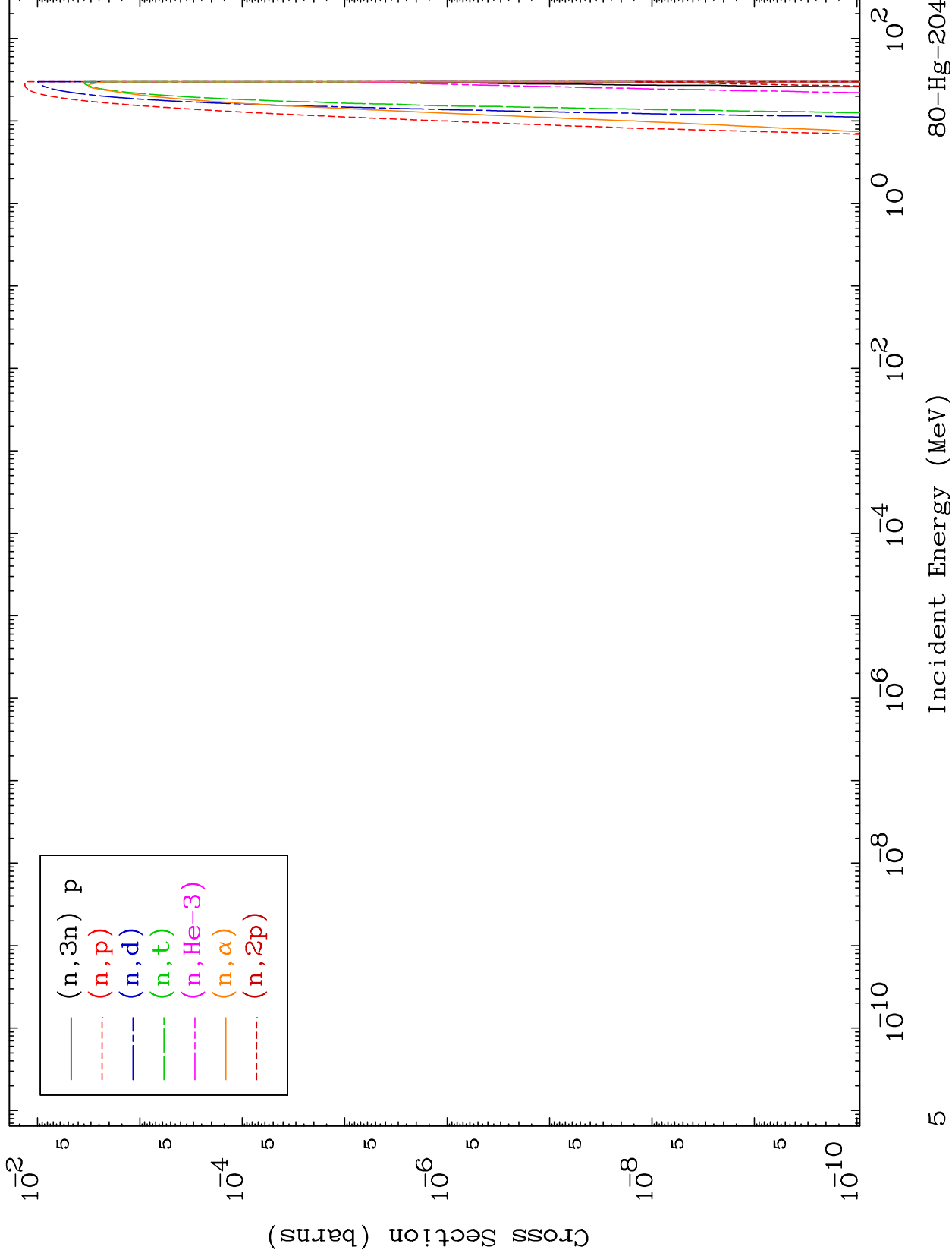
80-Hg-204



MAT 8049

Charged Particle  
293 Kelvin Cross Sections

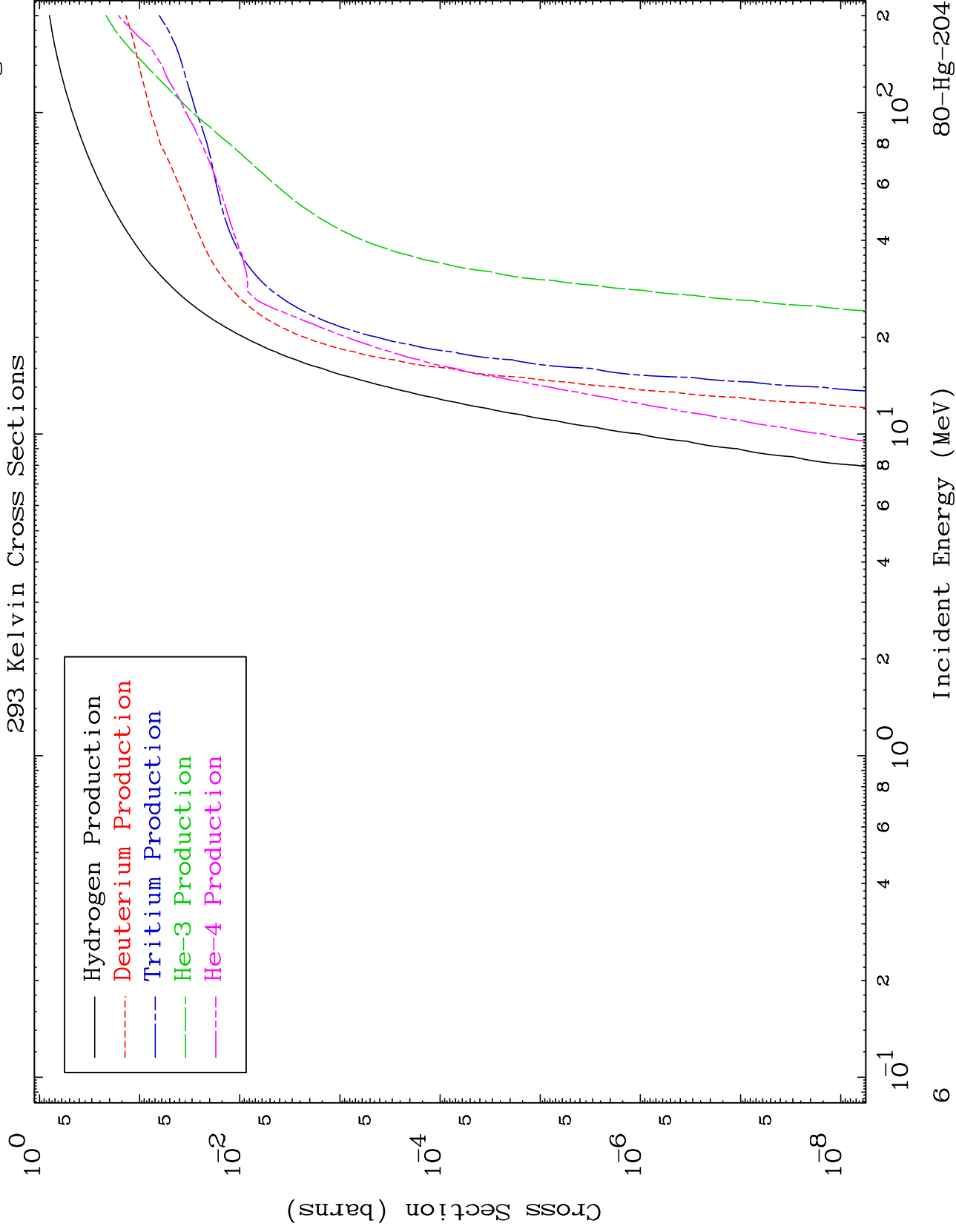
80-Hg-204



MAT 8049

Particle Production  
293 Kelvin Cross Sections

80-Hg-204



80-Hg-204

Incident Energy (MeV)

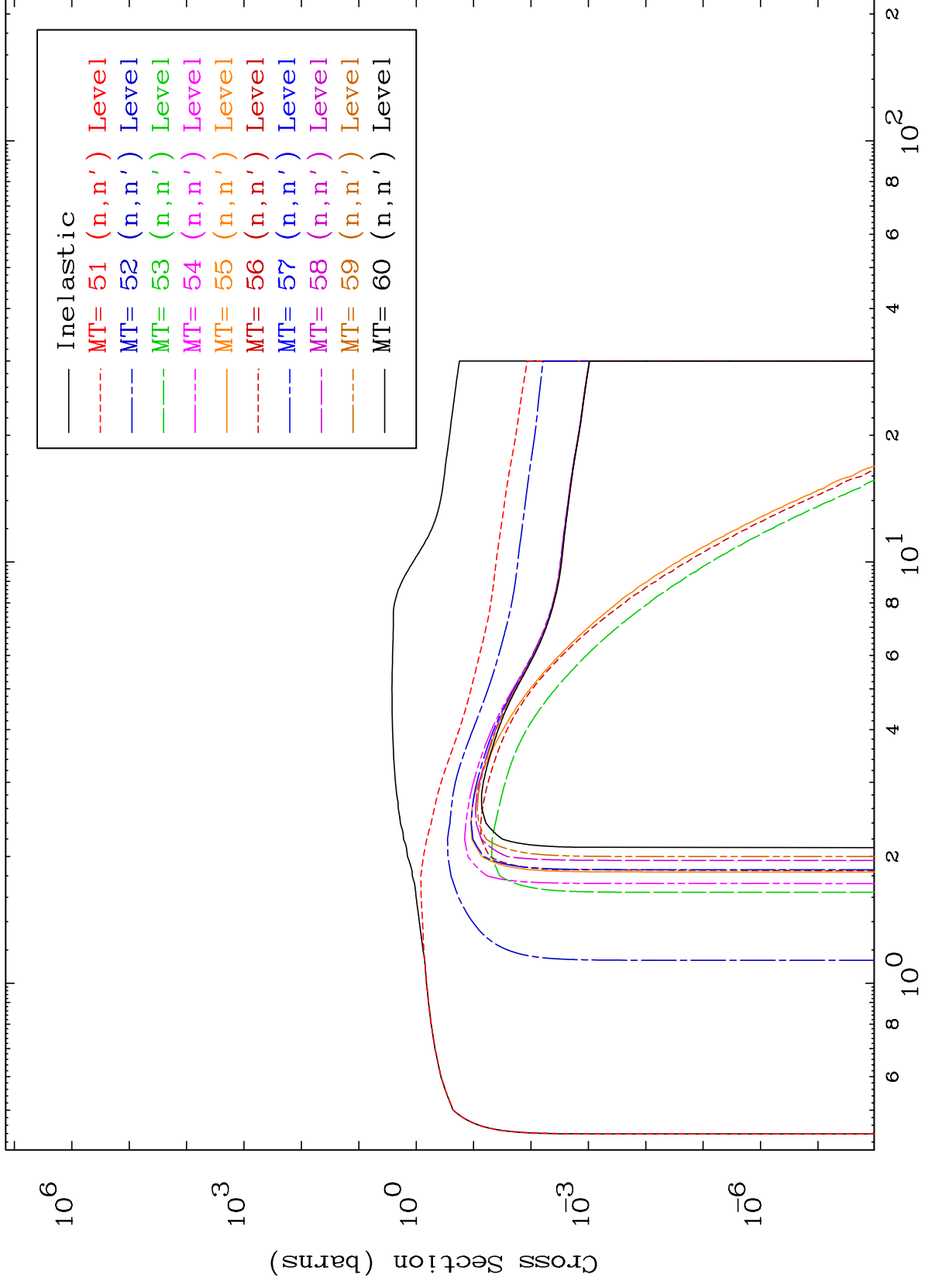
6

MAT 8049

(n,n') Level

80-Hg-204

293 Kelvin Cross Sections



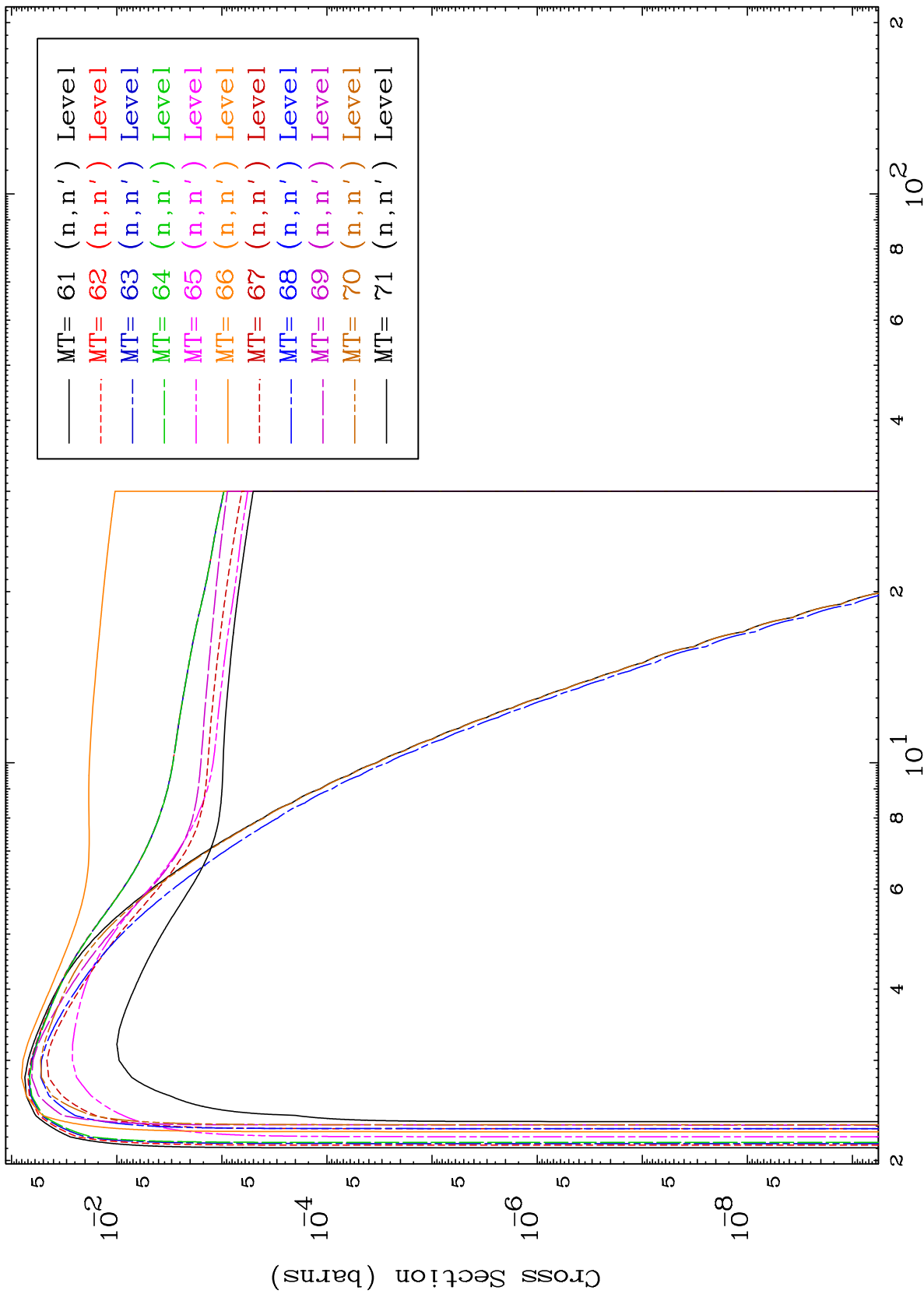


MAT 8049

(n,n') Level

80-Hg-204

293 Kelvin Cross Sections



8

Incident Energy (MeV)

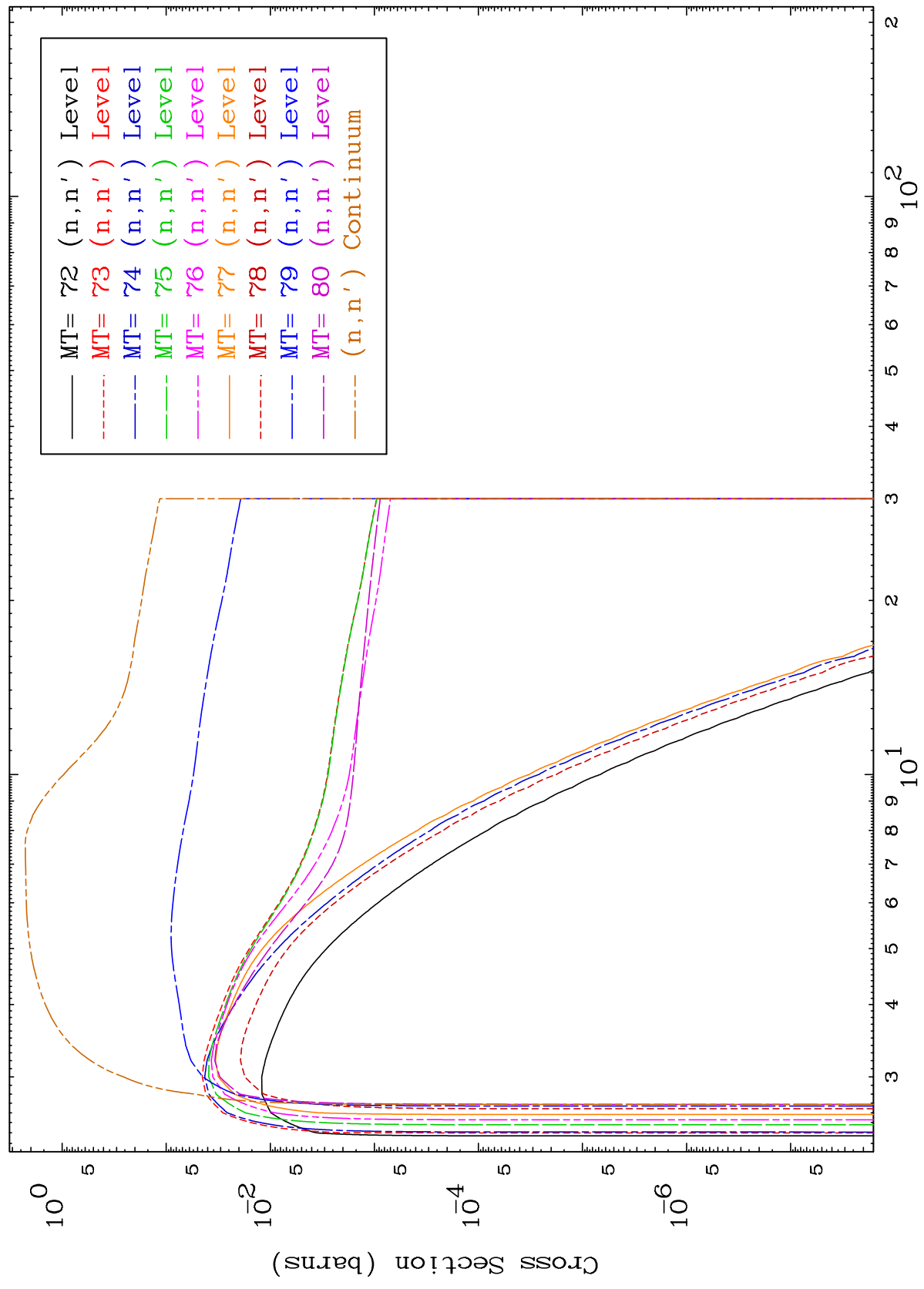
80-Hg-204

MAT 8049

(n,n') Level

80-Hg-204

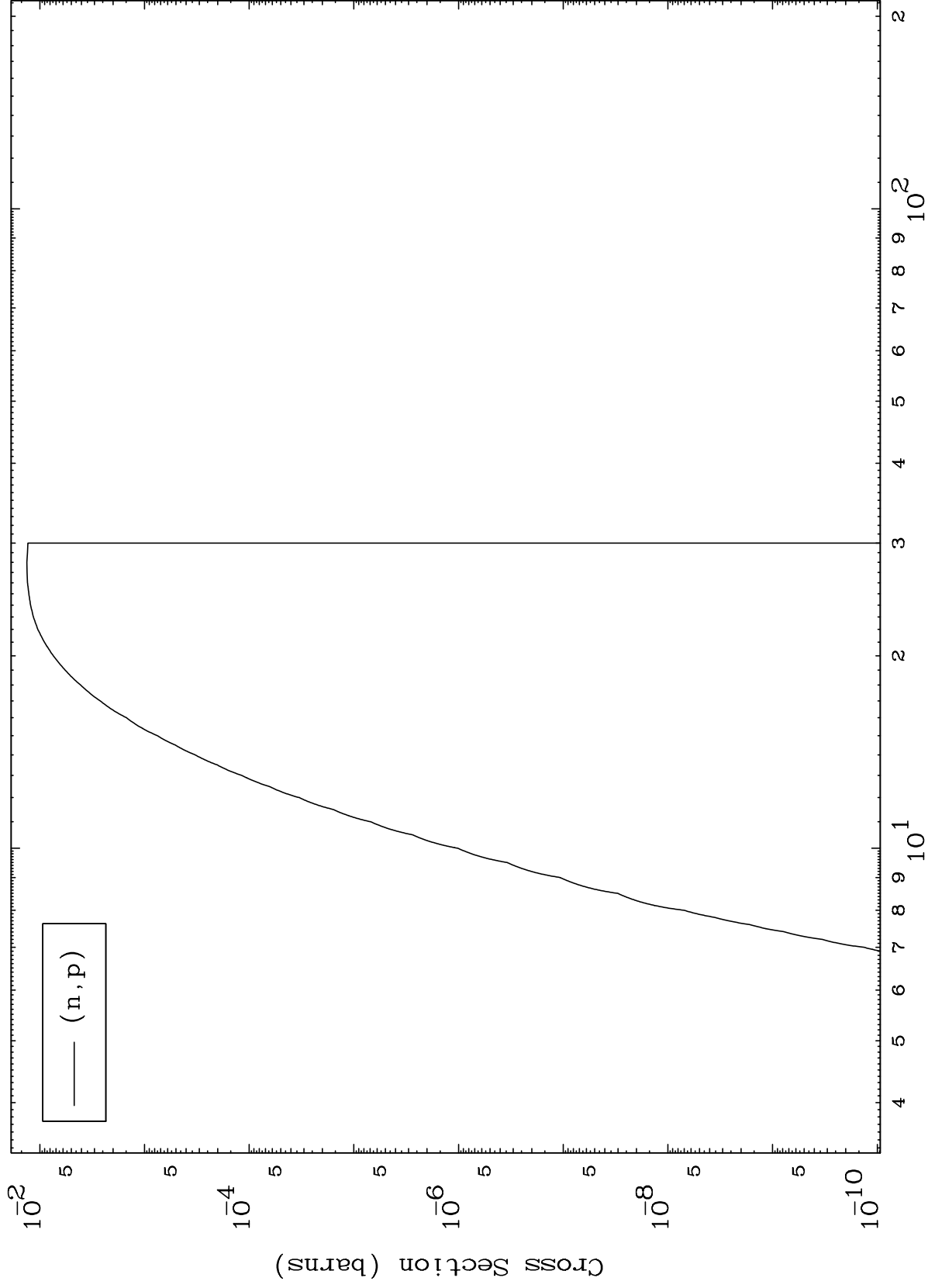
293 Kelvin Cross Sections



MAT 8049

(n,p) Levels  
293 Kelvin Cross Sections

80-Hg-204



10

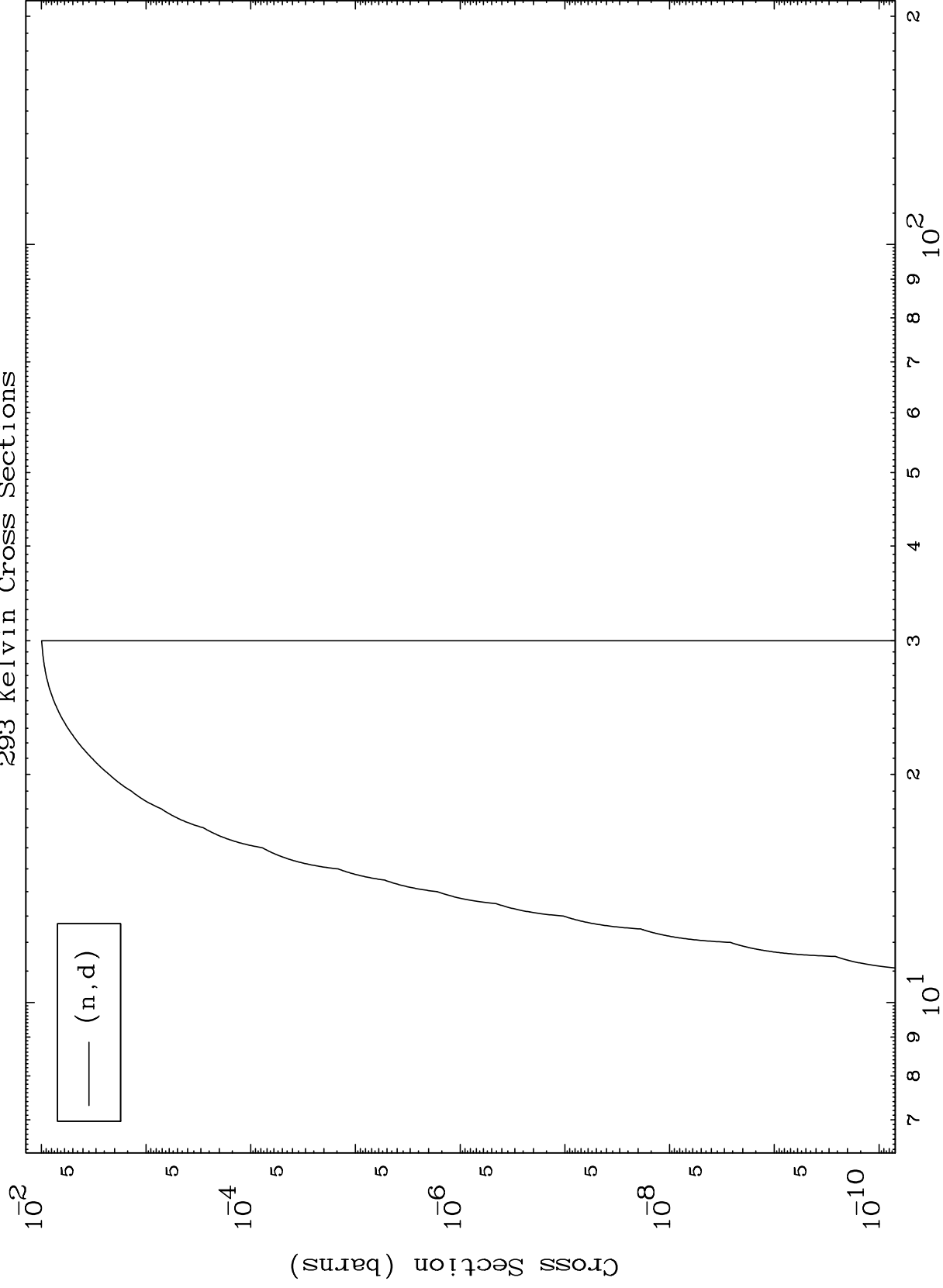
Incident Energy (MeV)

80-Hg-204

MAT 8049

(n,d) Levels  
293 Kelvin Cross Sections

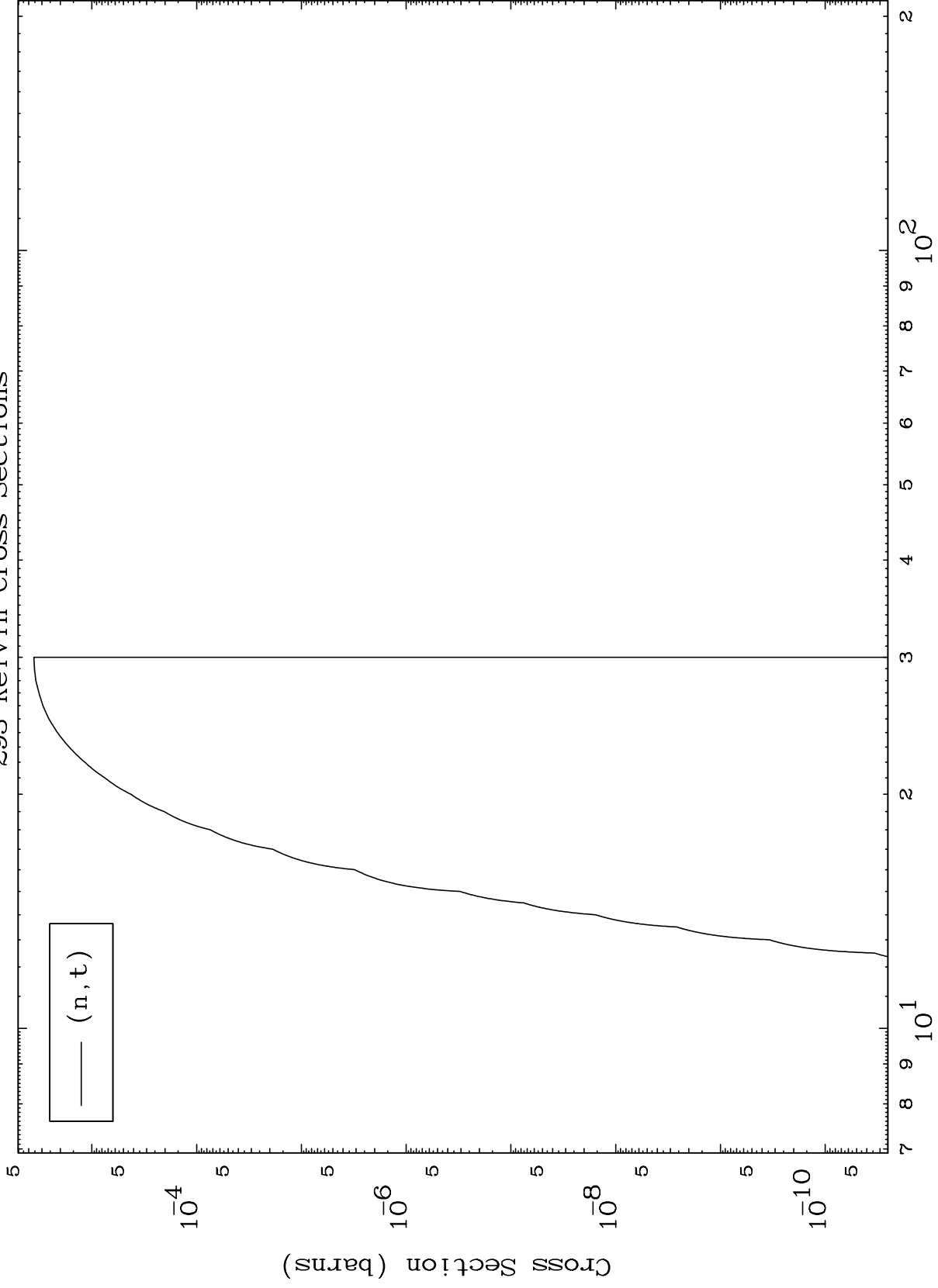
80-Hg-204



MAT 8049

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-204



12

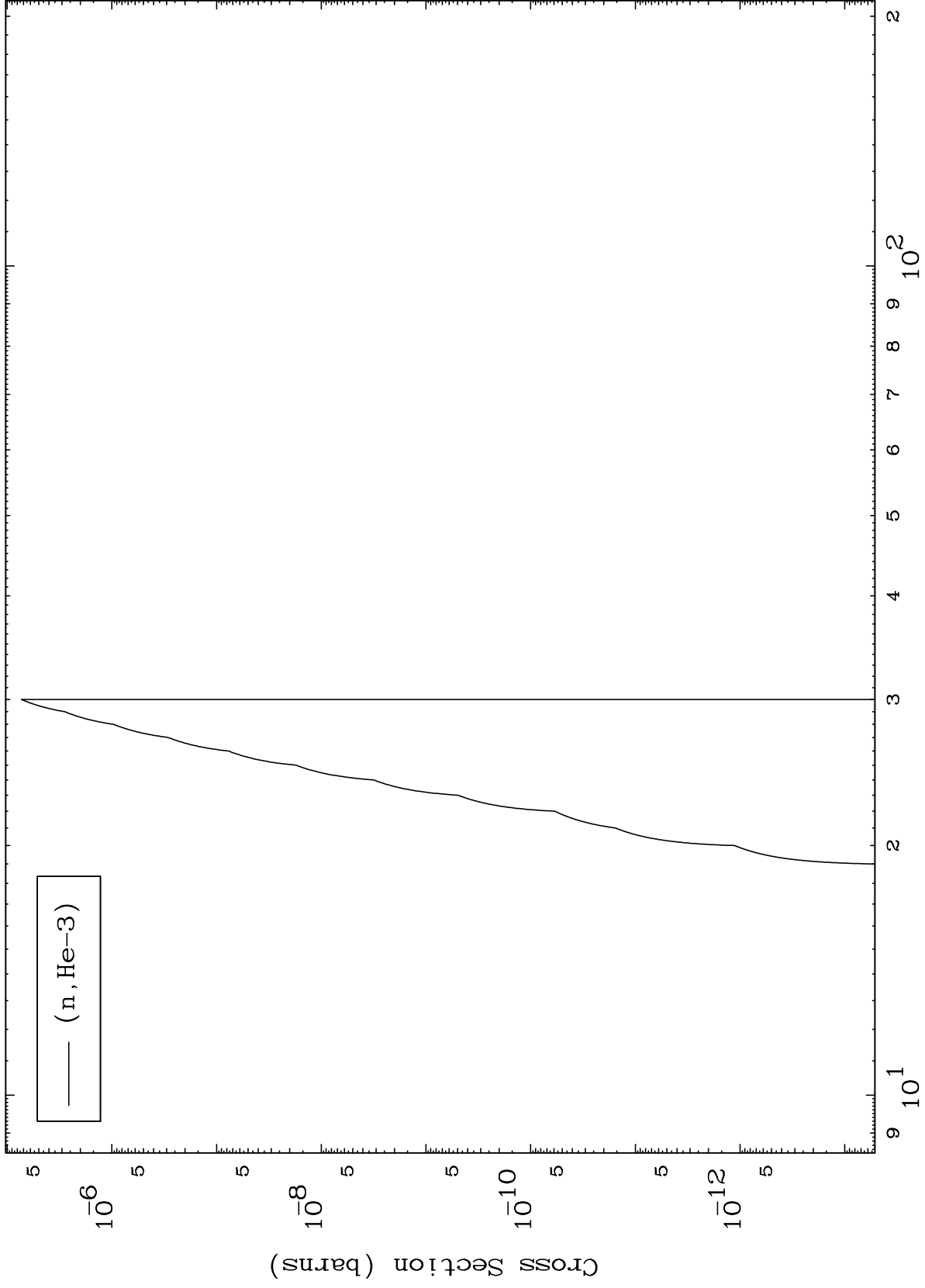
Incident Energy (MeV)

80-Hg-204

MAT 8049

(n,He3) Levels  
293 Kelvin Cross Sections

80-Hg-204



13

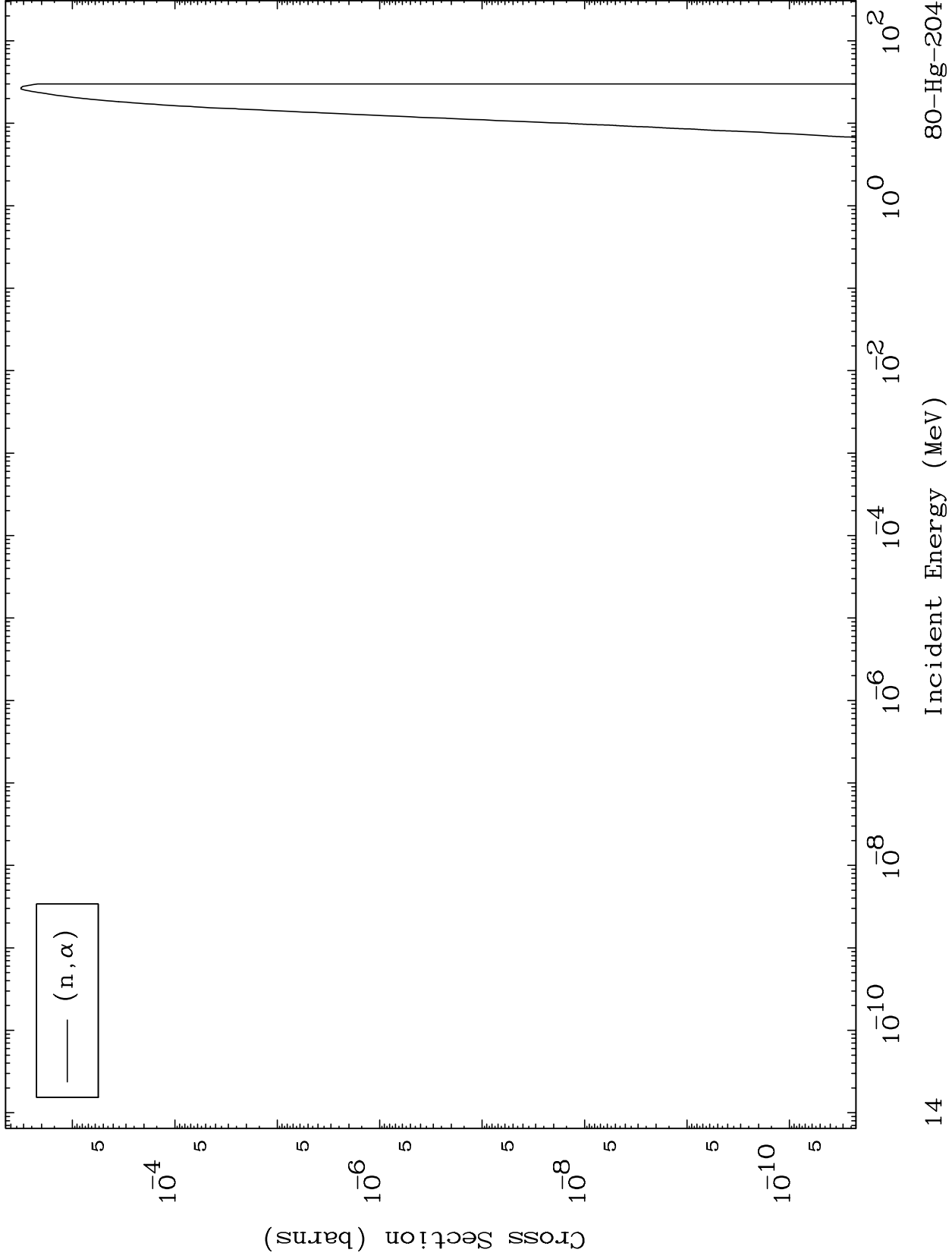
Incident Energy (MeV)

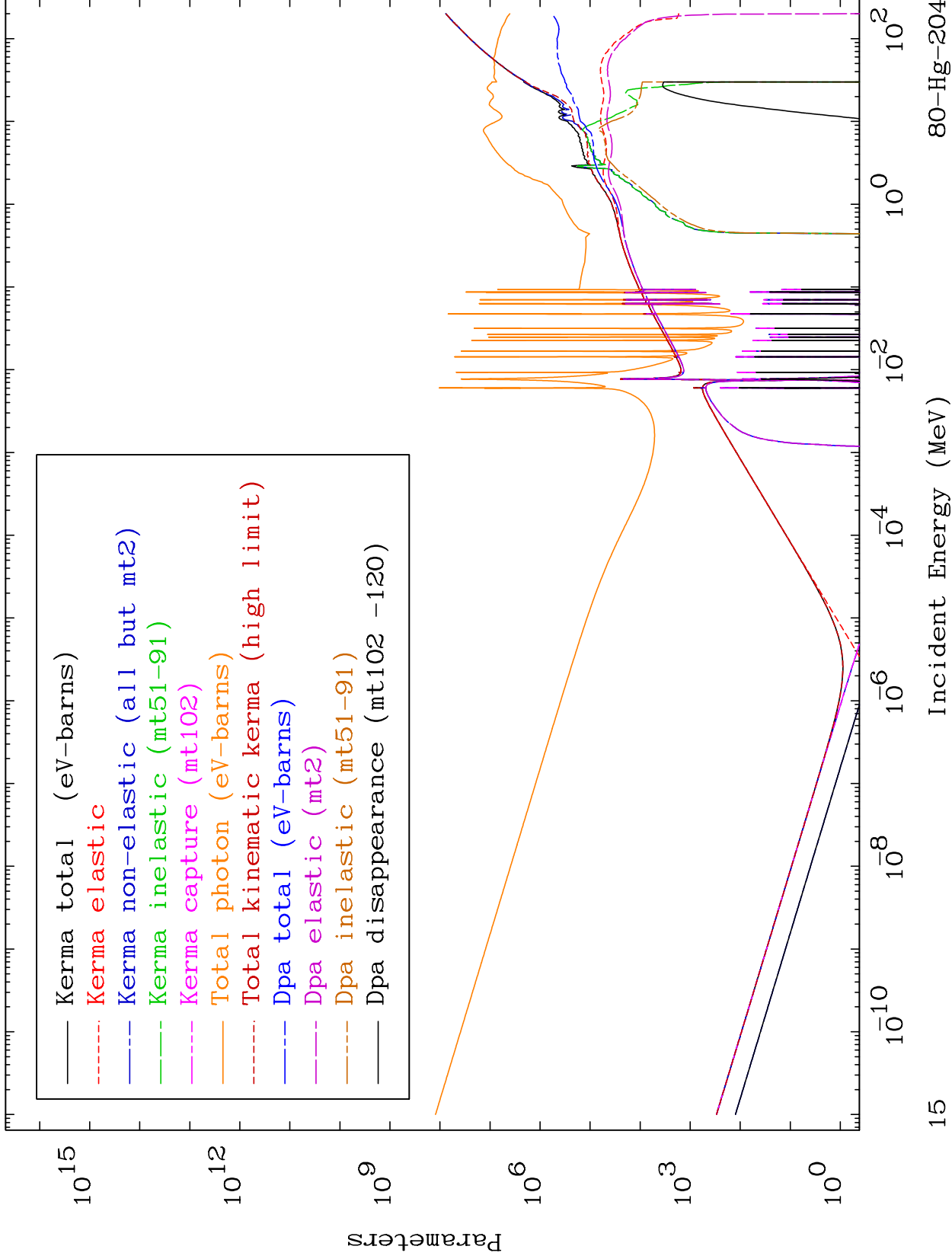
80-Hg-204

MAT 8049

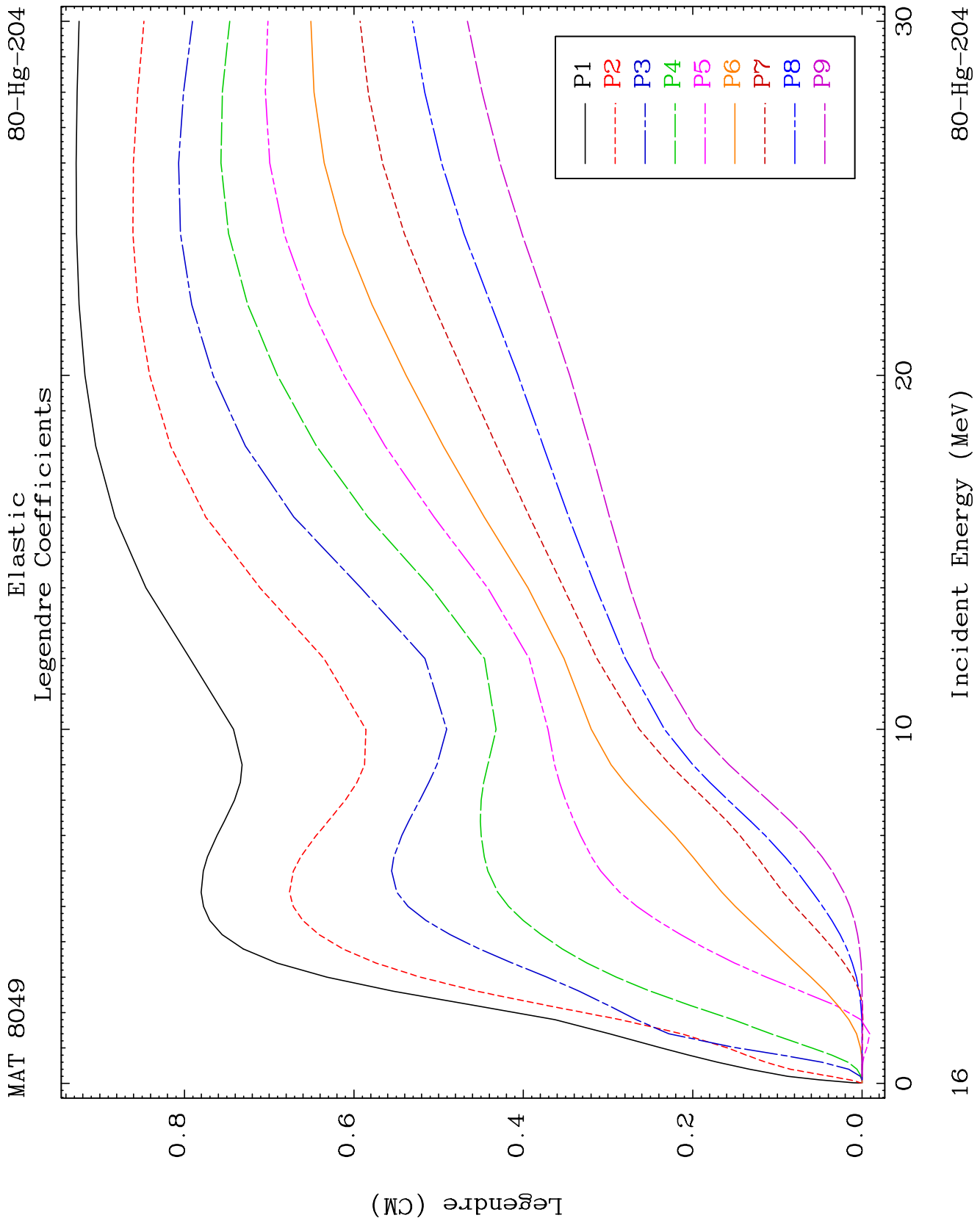
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

80-Hg-204





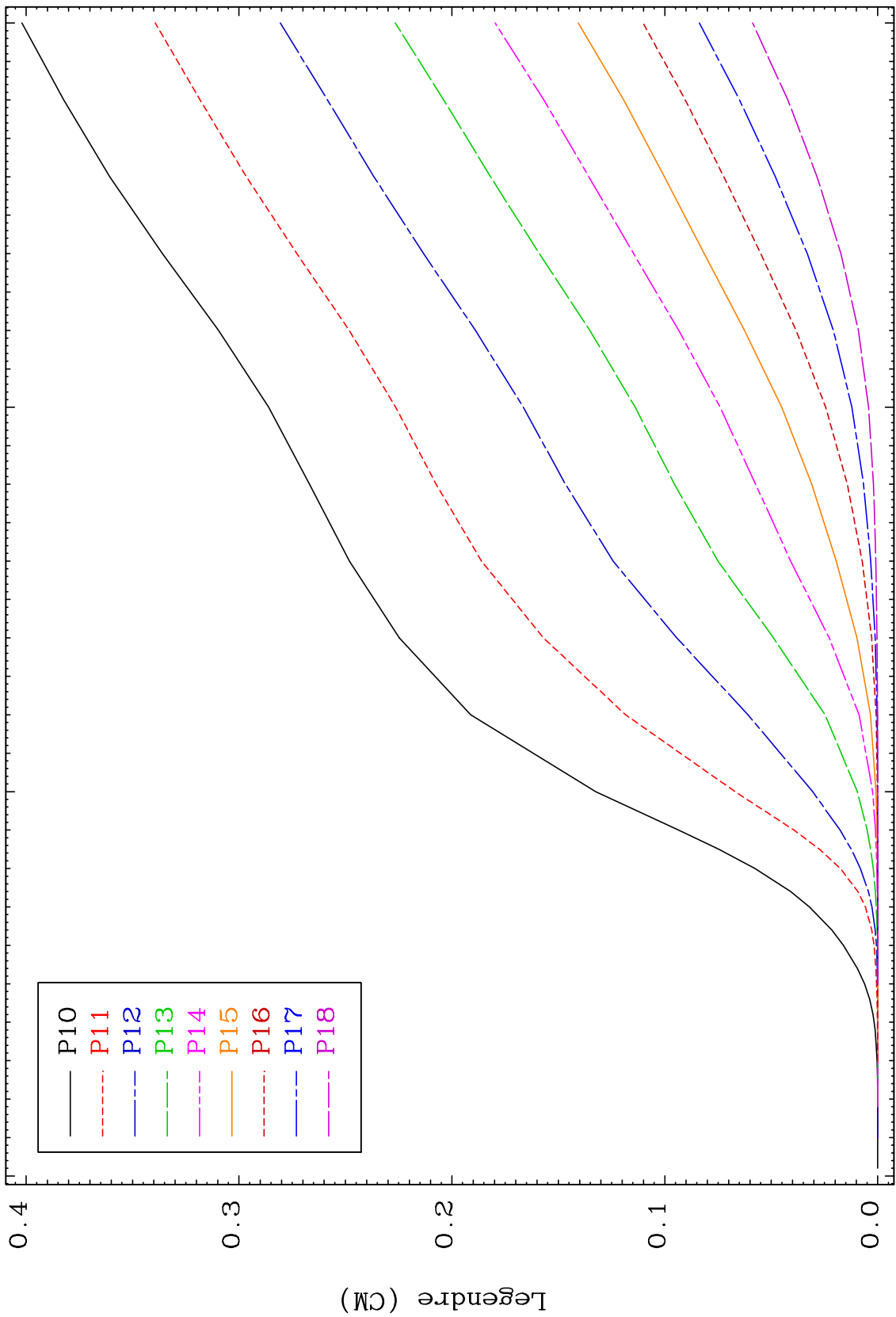




MAT 8049

Elastic Legendre Coefficients

80-Hg-204



17

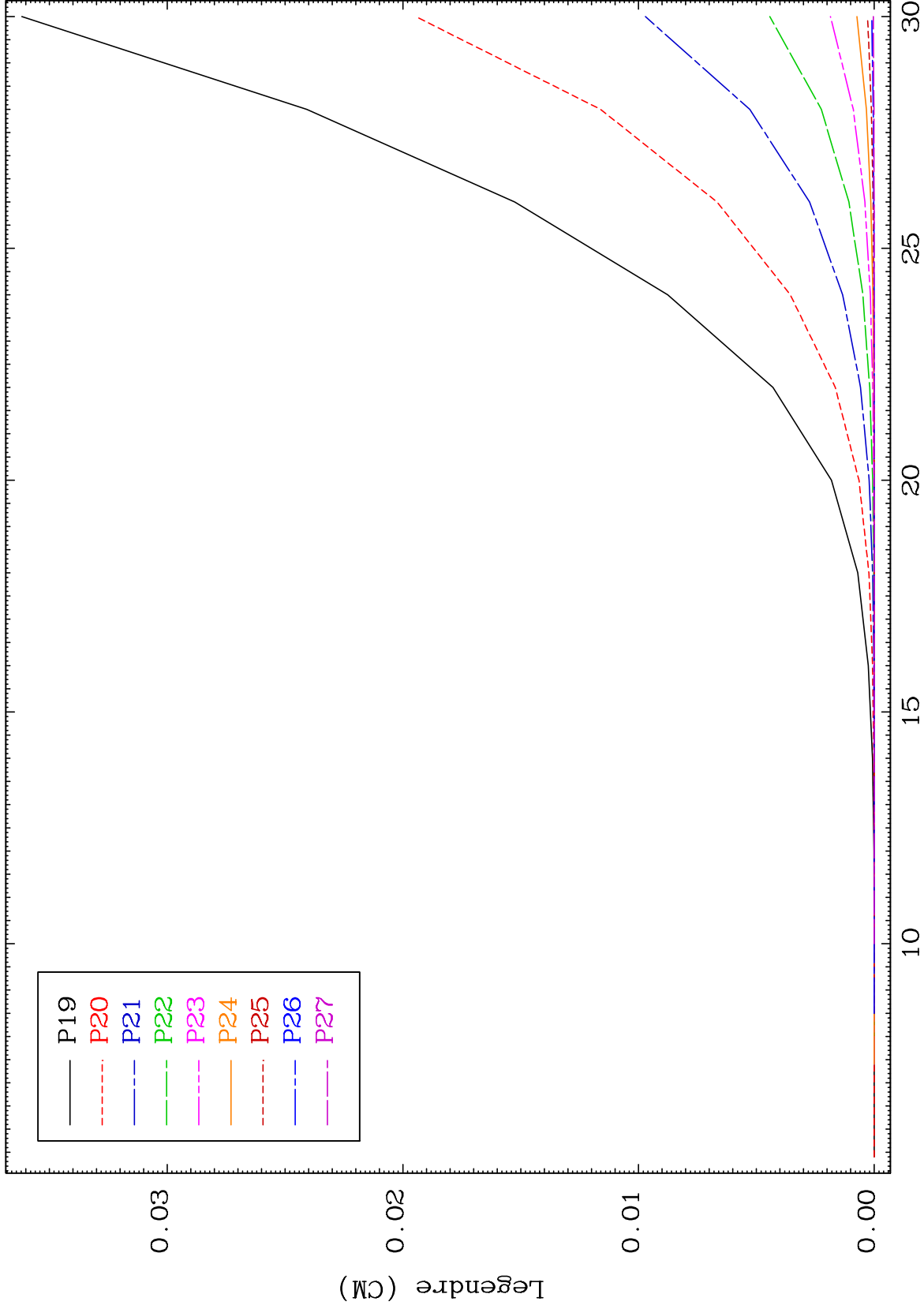
Incident Energy (MeV)

80-Hg-204

MAT 8049

Elastic  
Legendre Coefficients

80-Hg-204



18

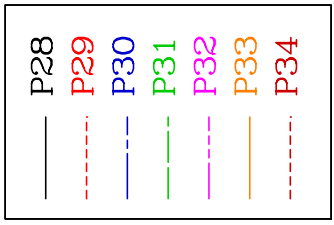
Incident Energy (MeV)

80-Hg-204

MAT 8049

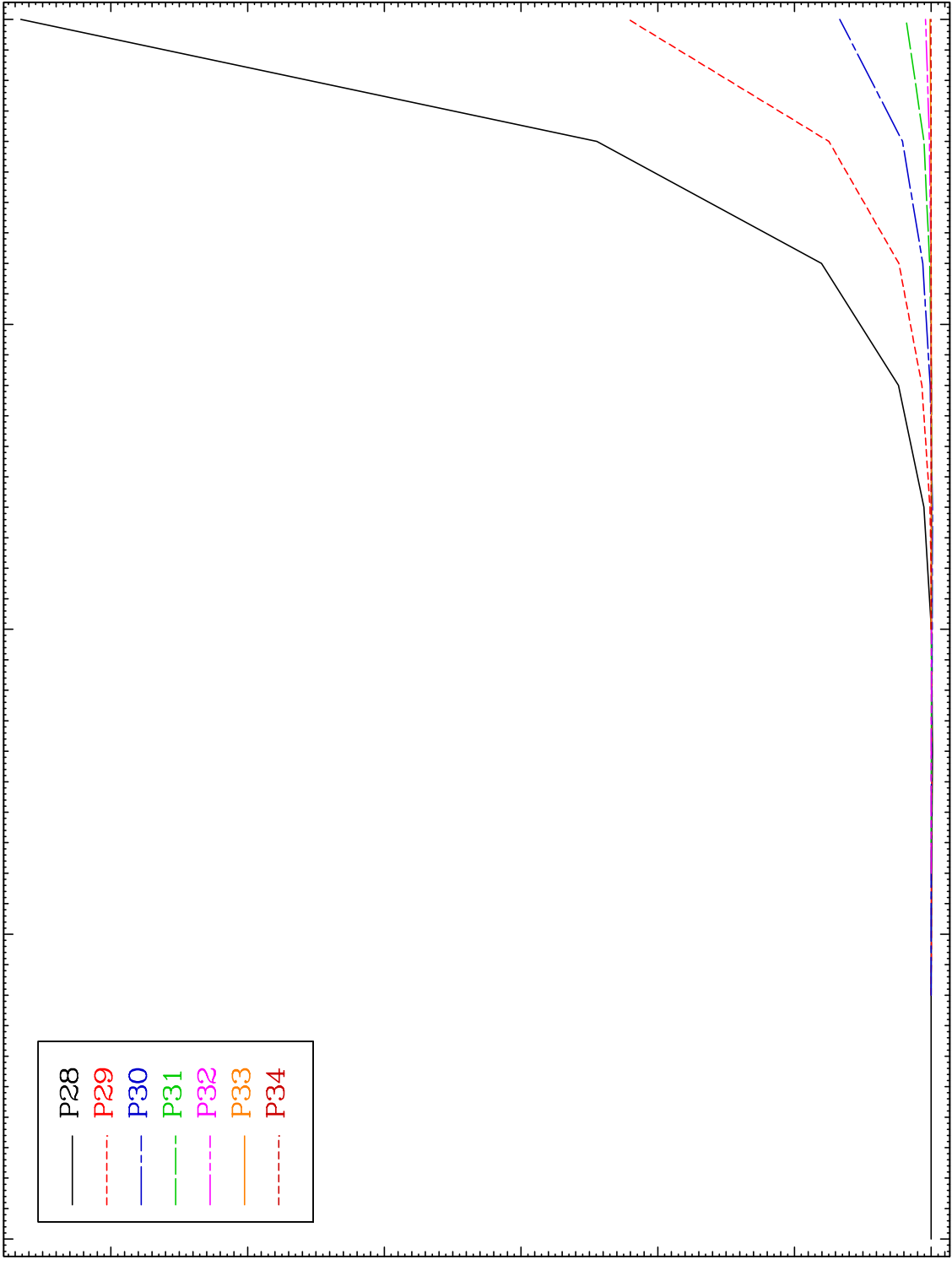
Elastic Legendre Coefficients

80-Hg-204



$\times 10^{-5}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

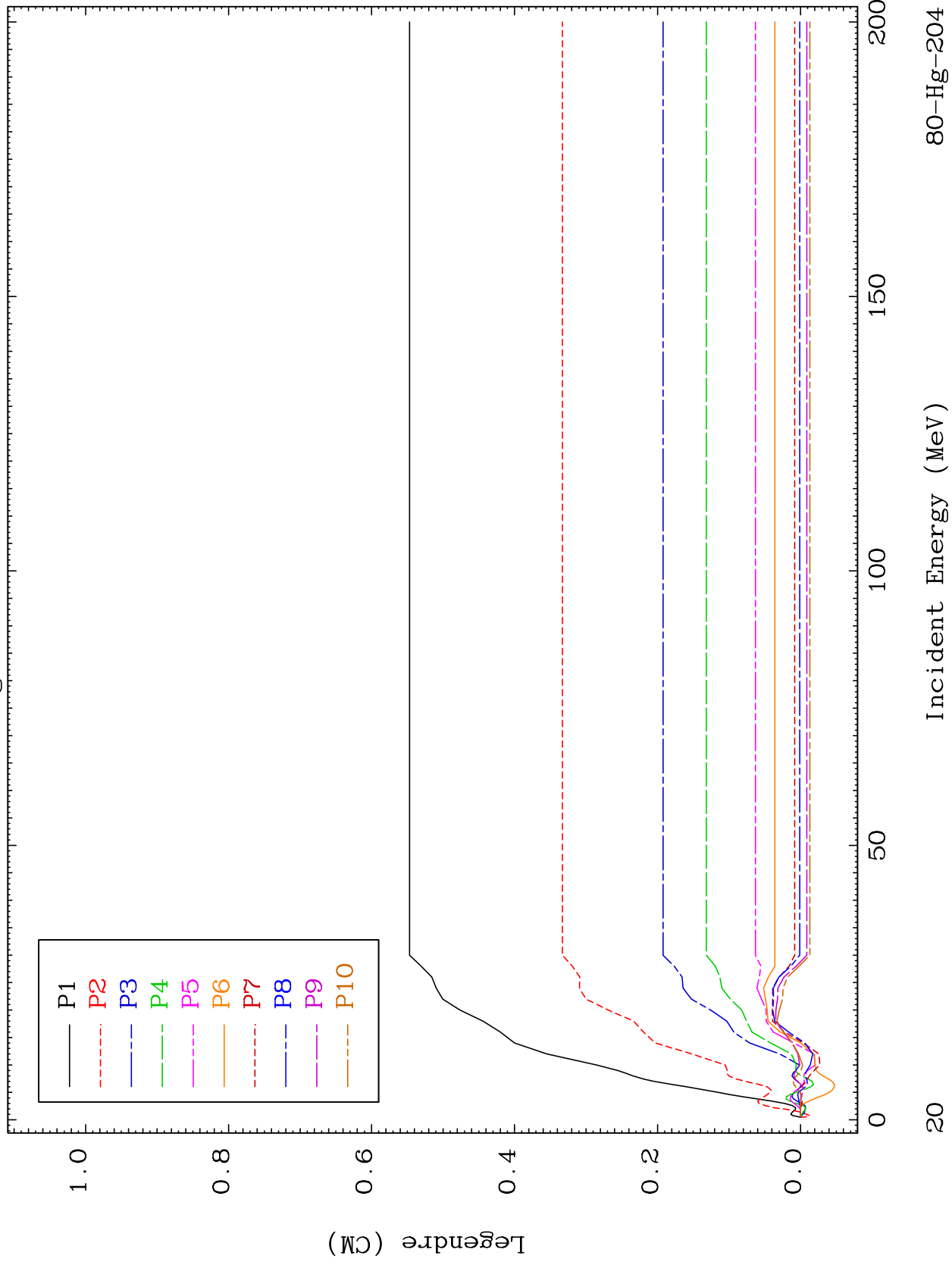
80-Hg-204

19

MAT 8049

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

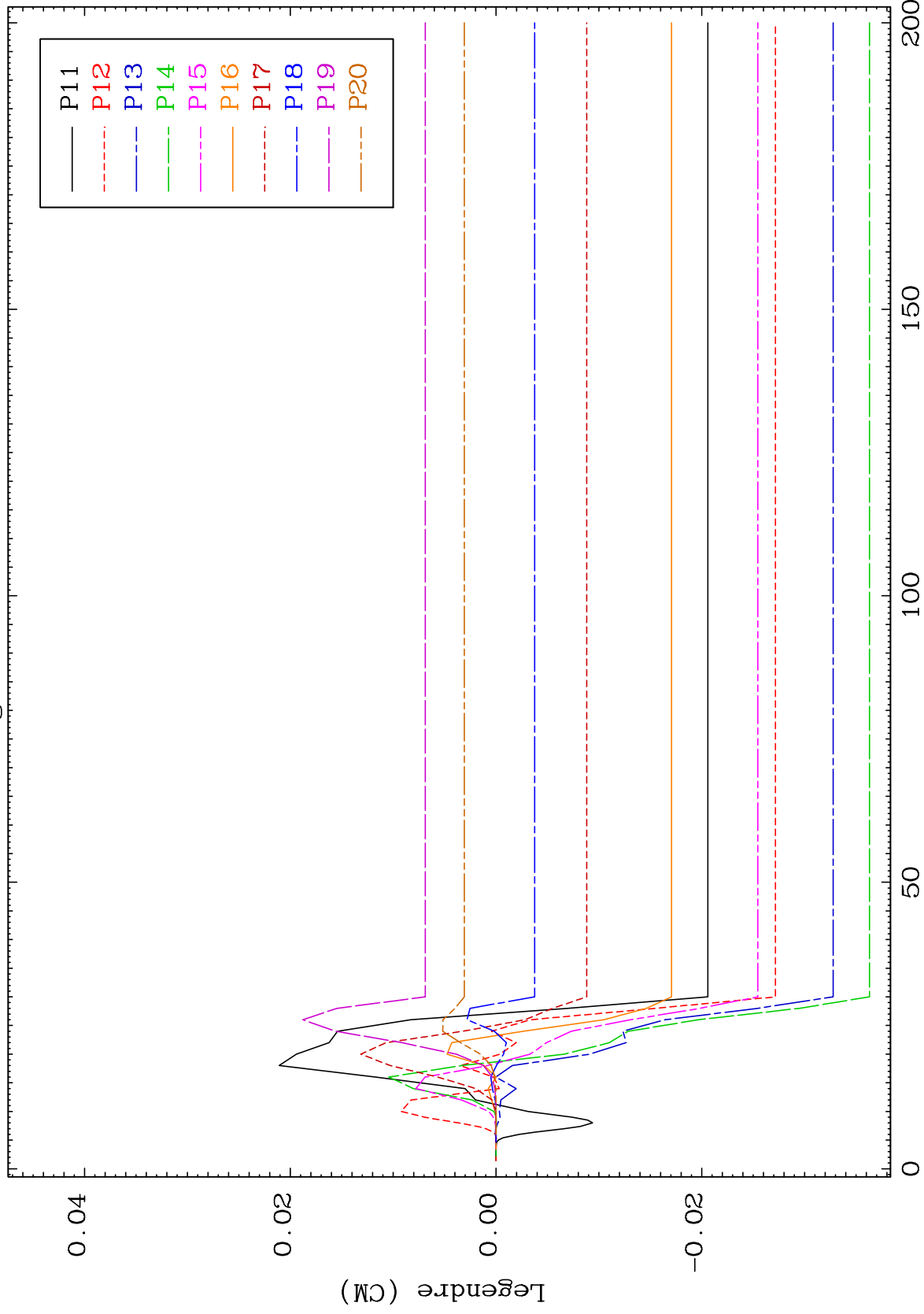
80-Hg-204



MAT 8049

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

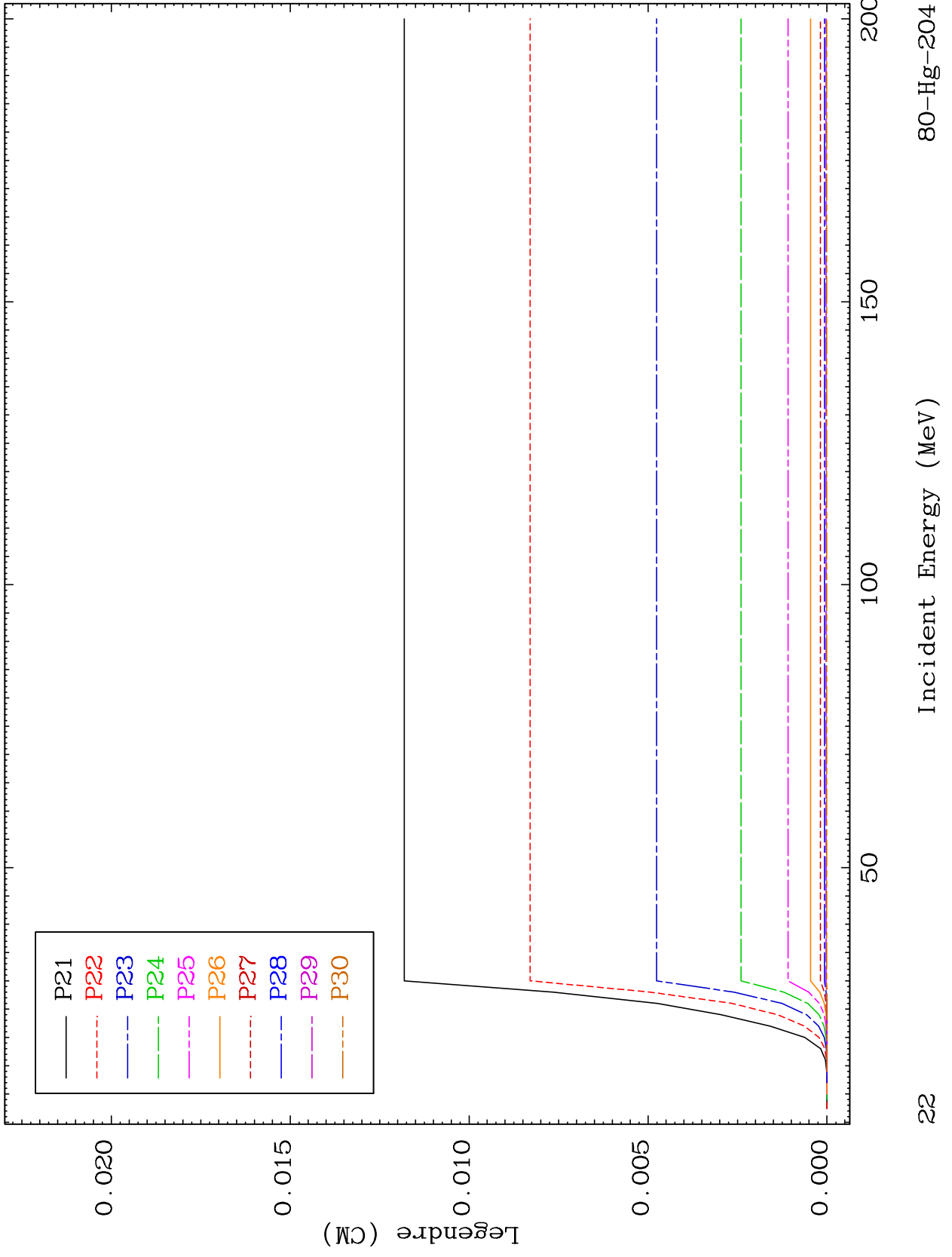
80-Hg-204



21

Incident Energy (MeV)

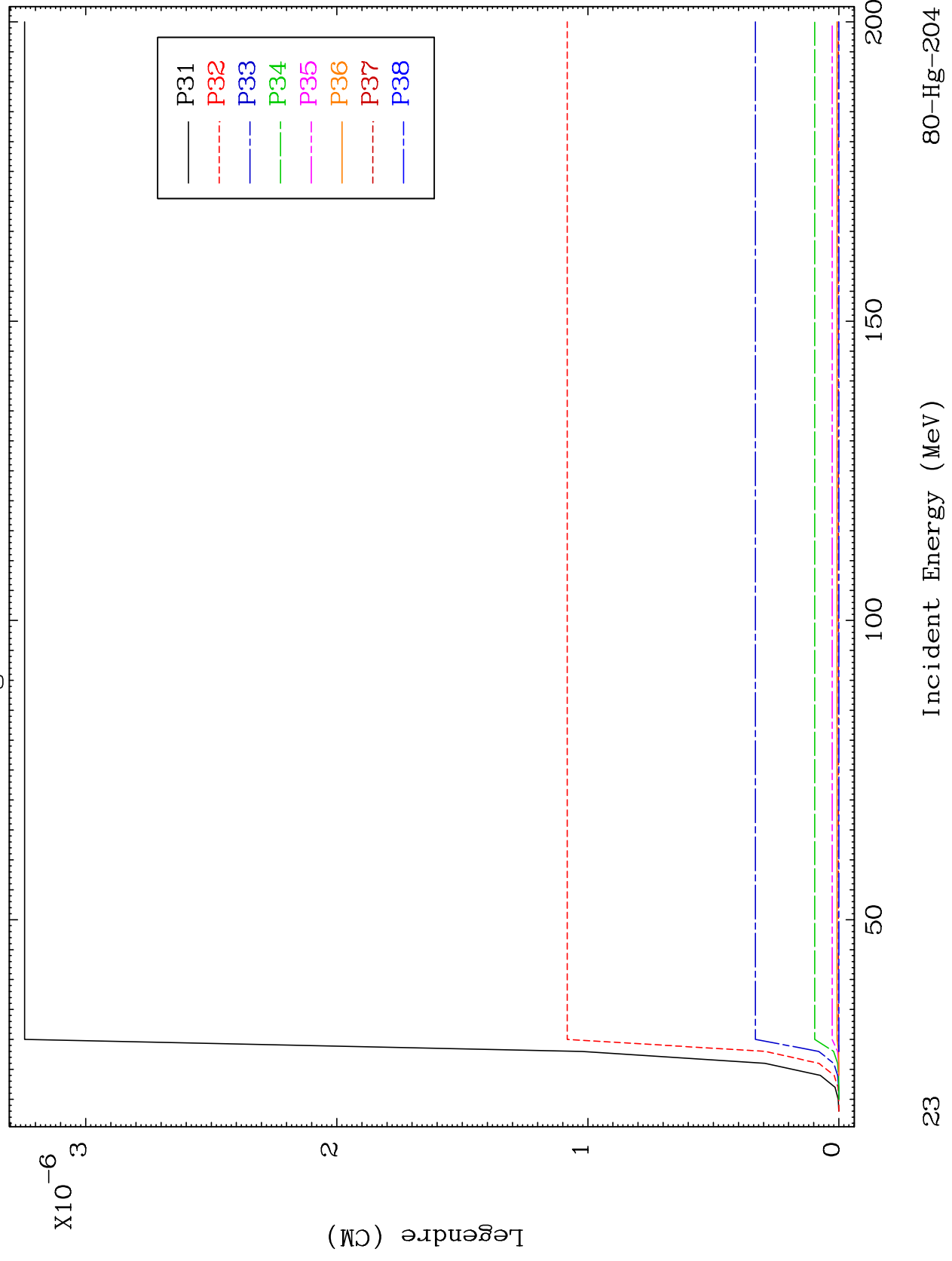
80-Hg-204



MAT 8049

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

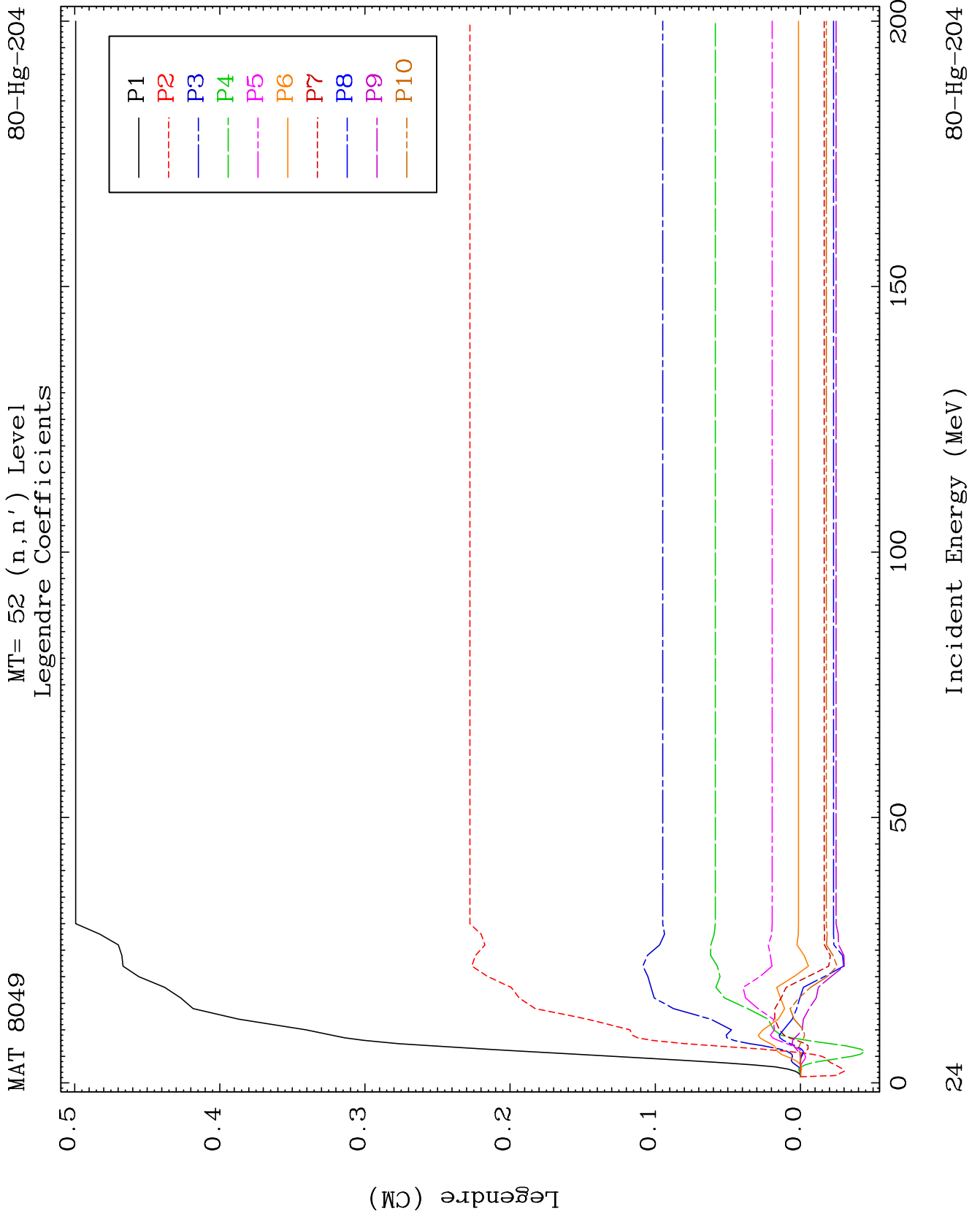
80-Hg-204



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80-Hg-204

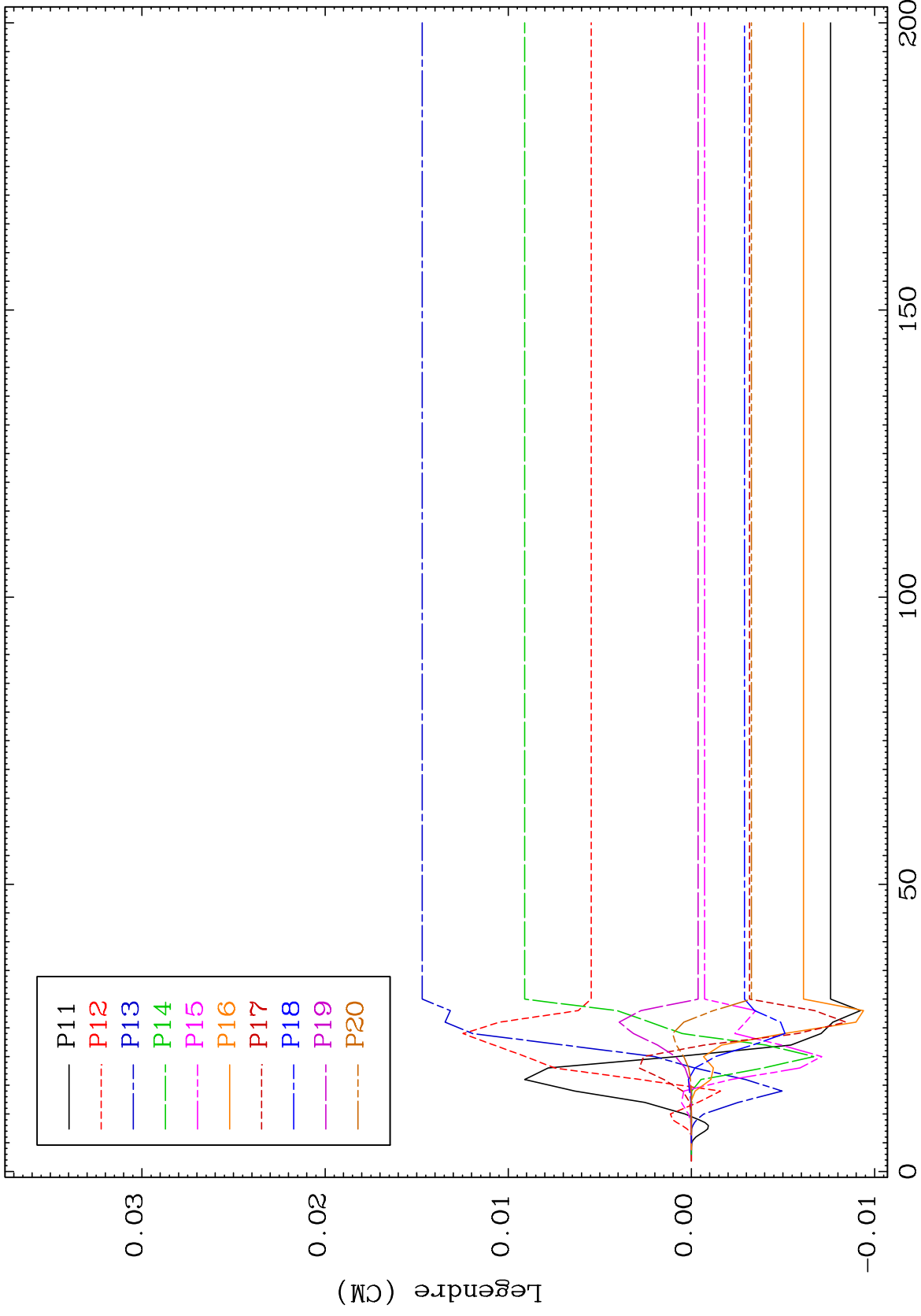




MAT 8049

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

80-Hg-204



25

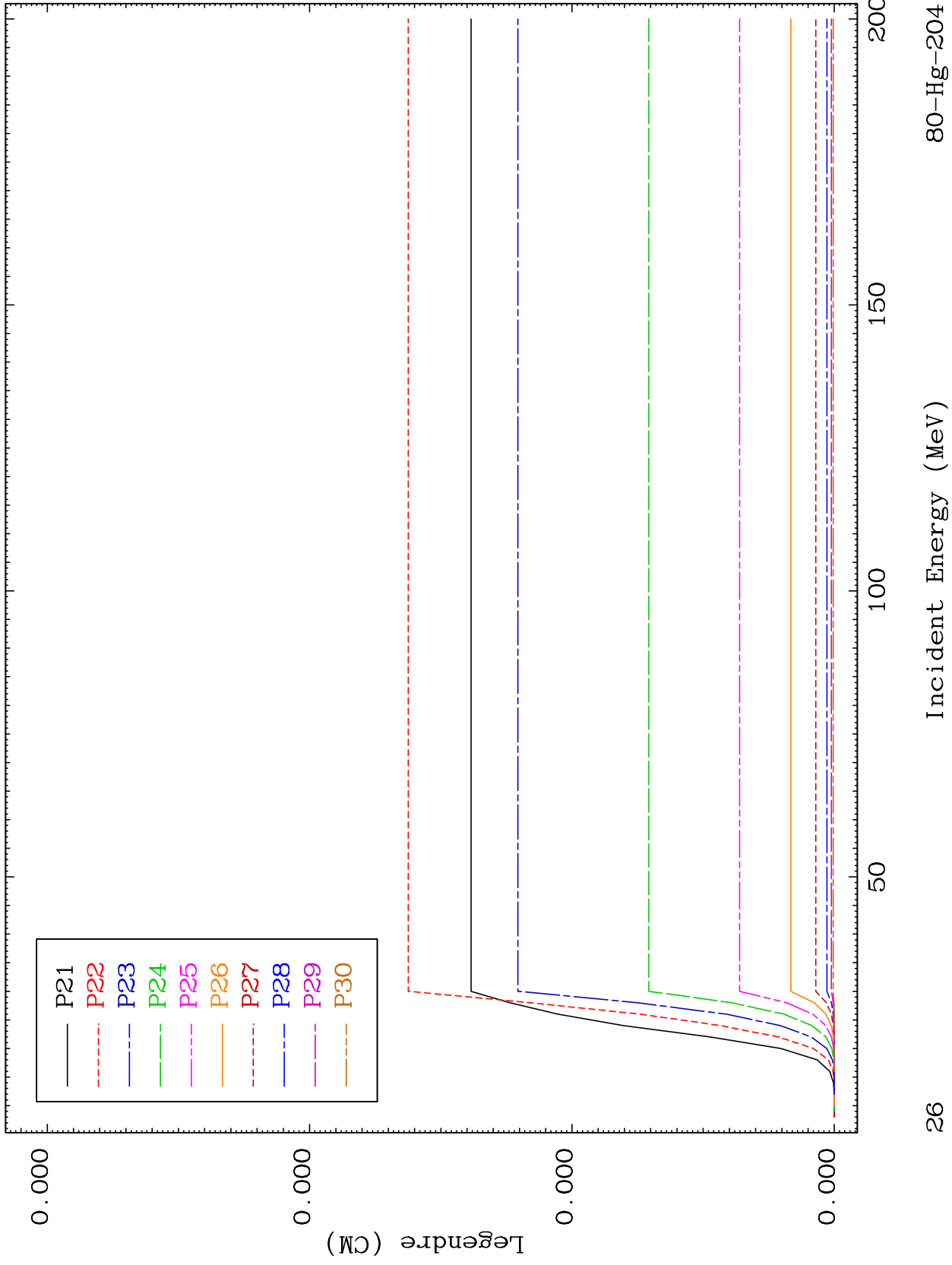
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

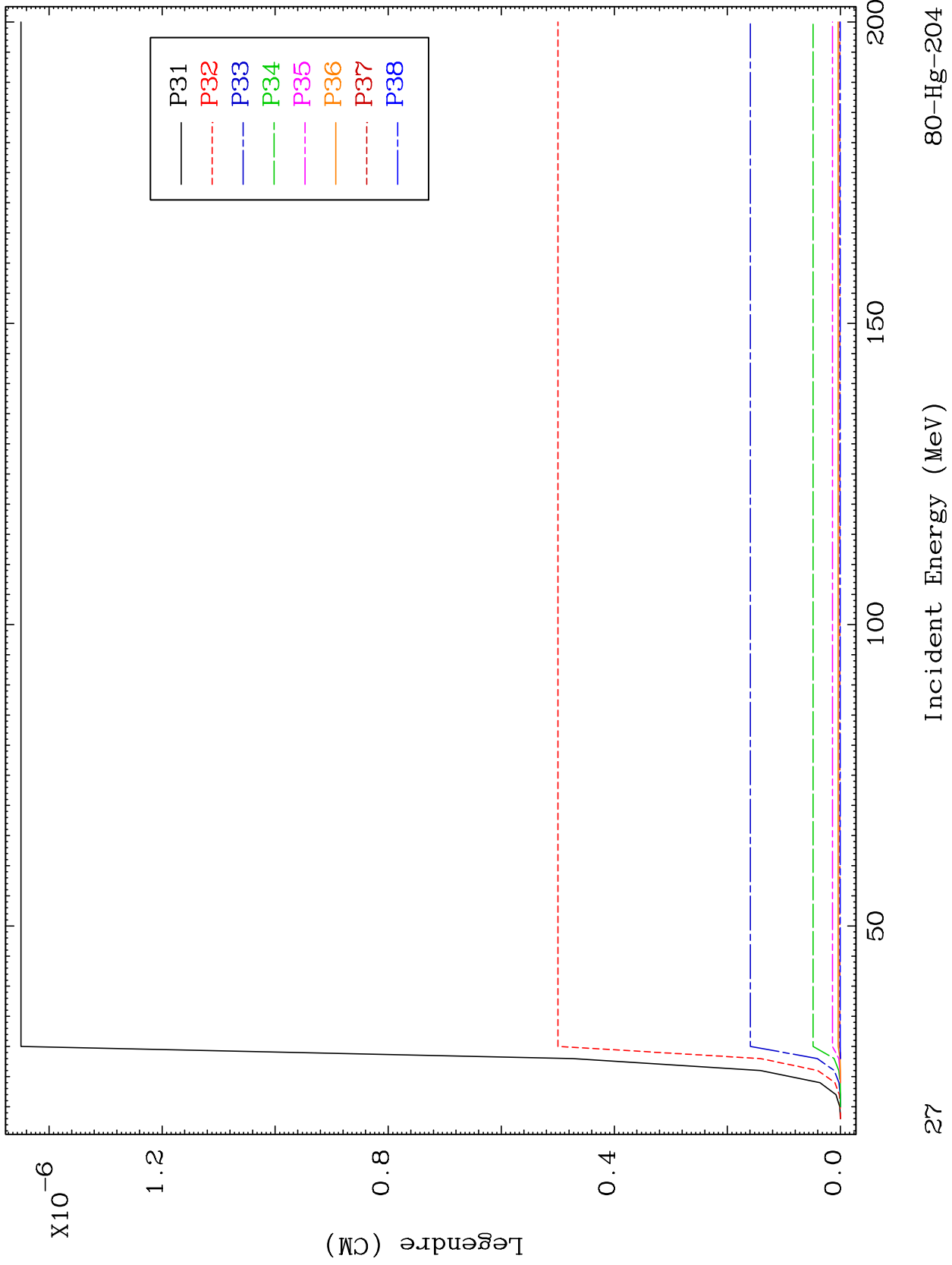
80-Hg-204

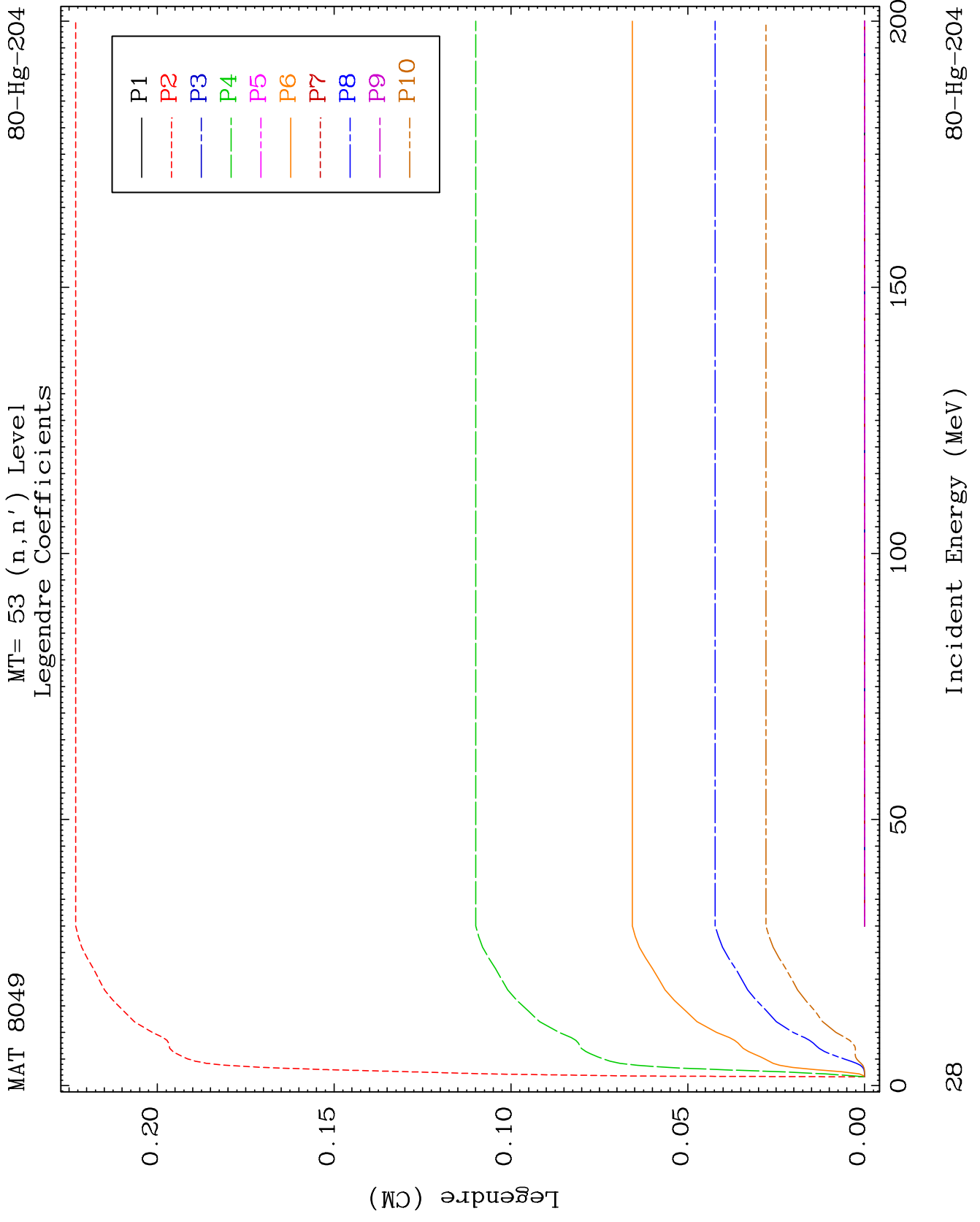


MAT 8049

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

80-Hg-204

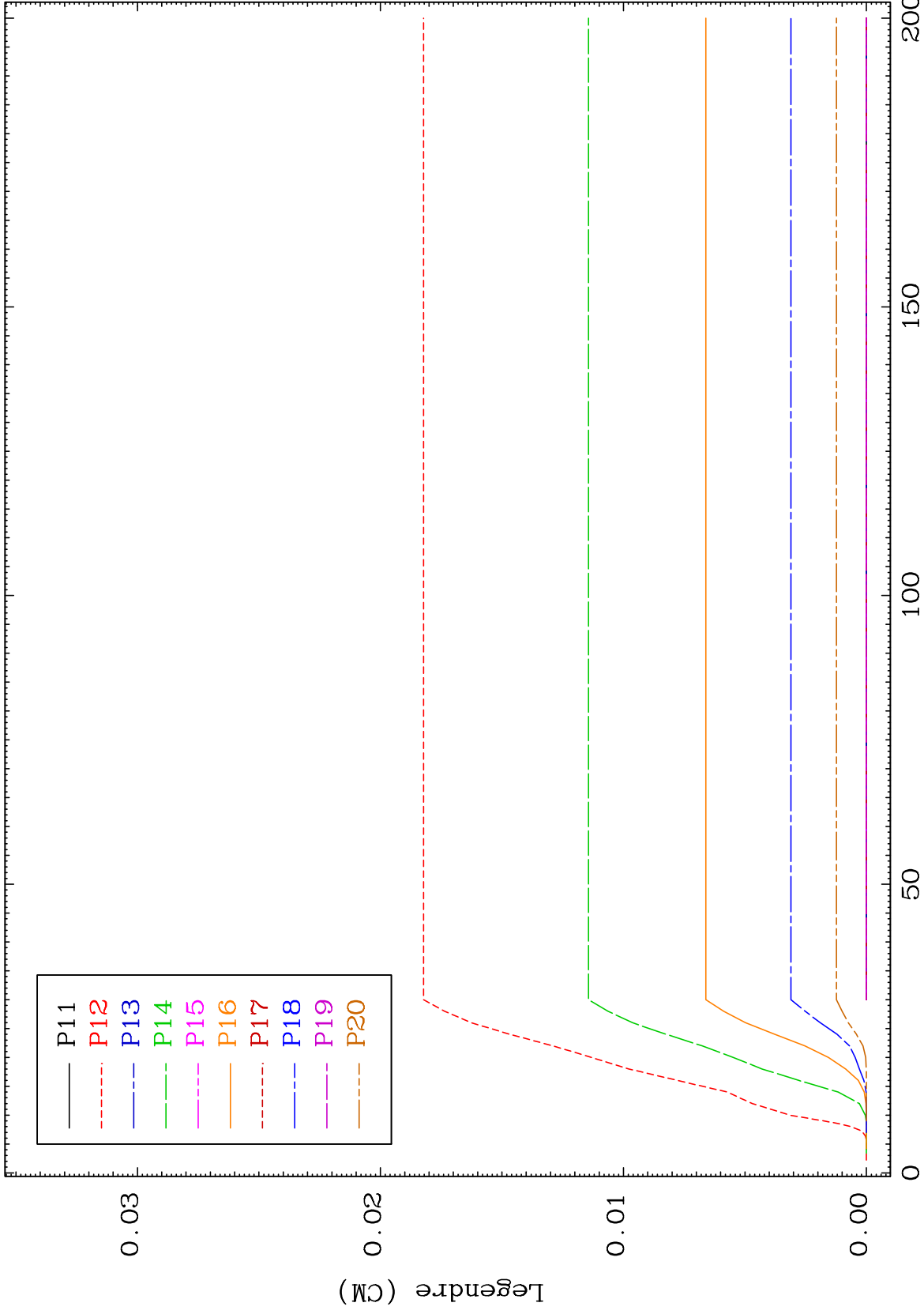




MAT 8049

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

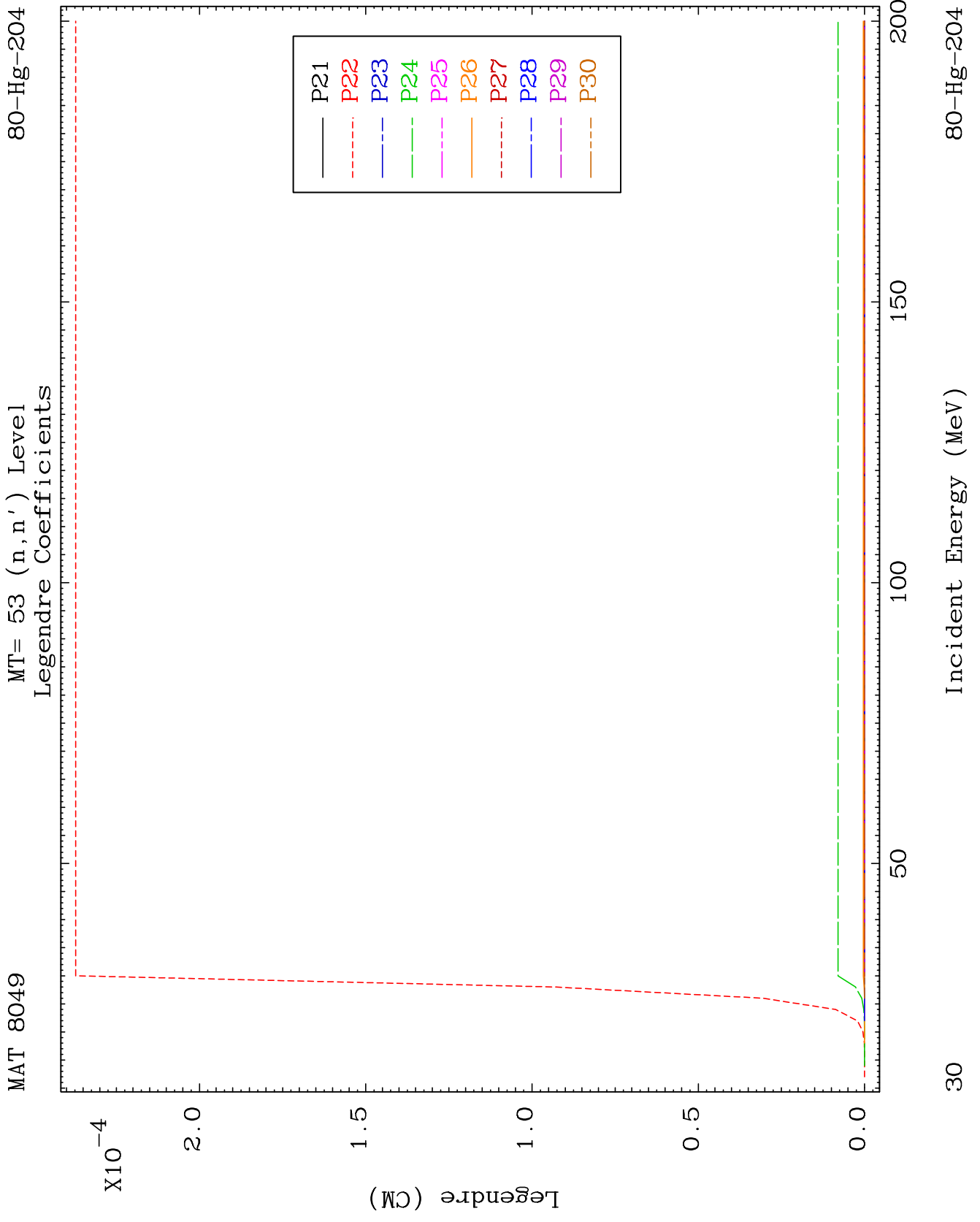
80-Hg-204



29

Incident Energy (MeV)

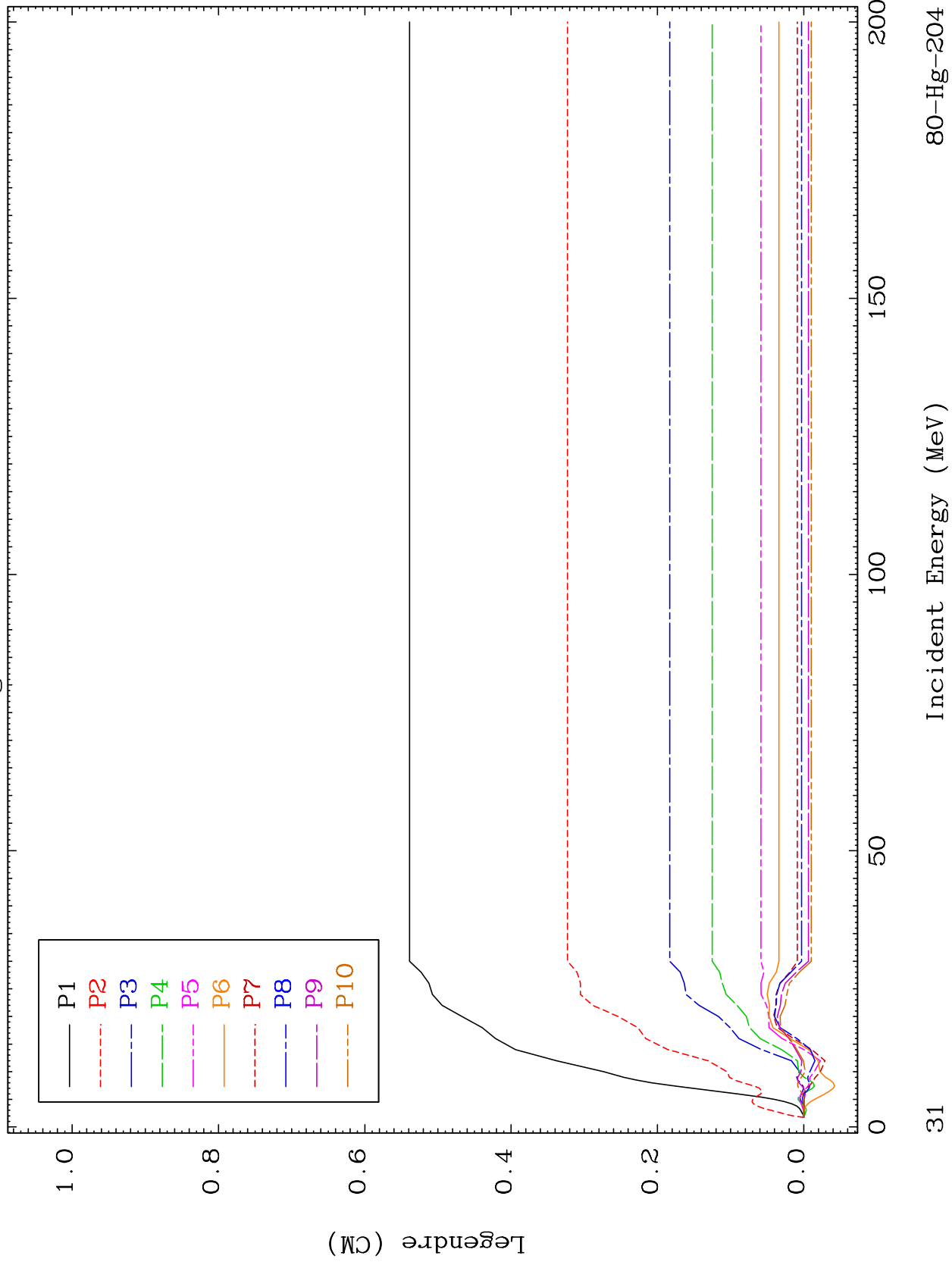
80-Hg-204



MAT 8049

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

80-Hg-204

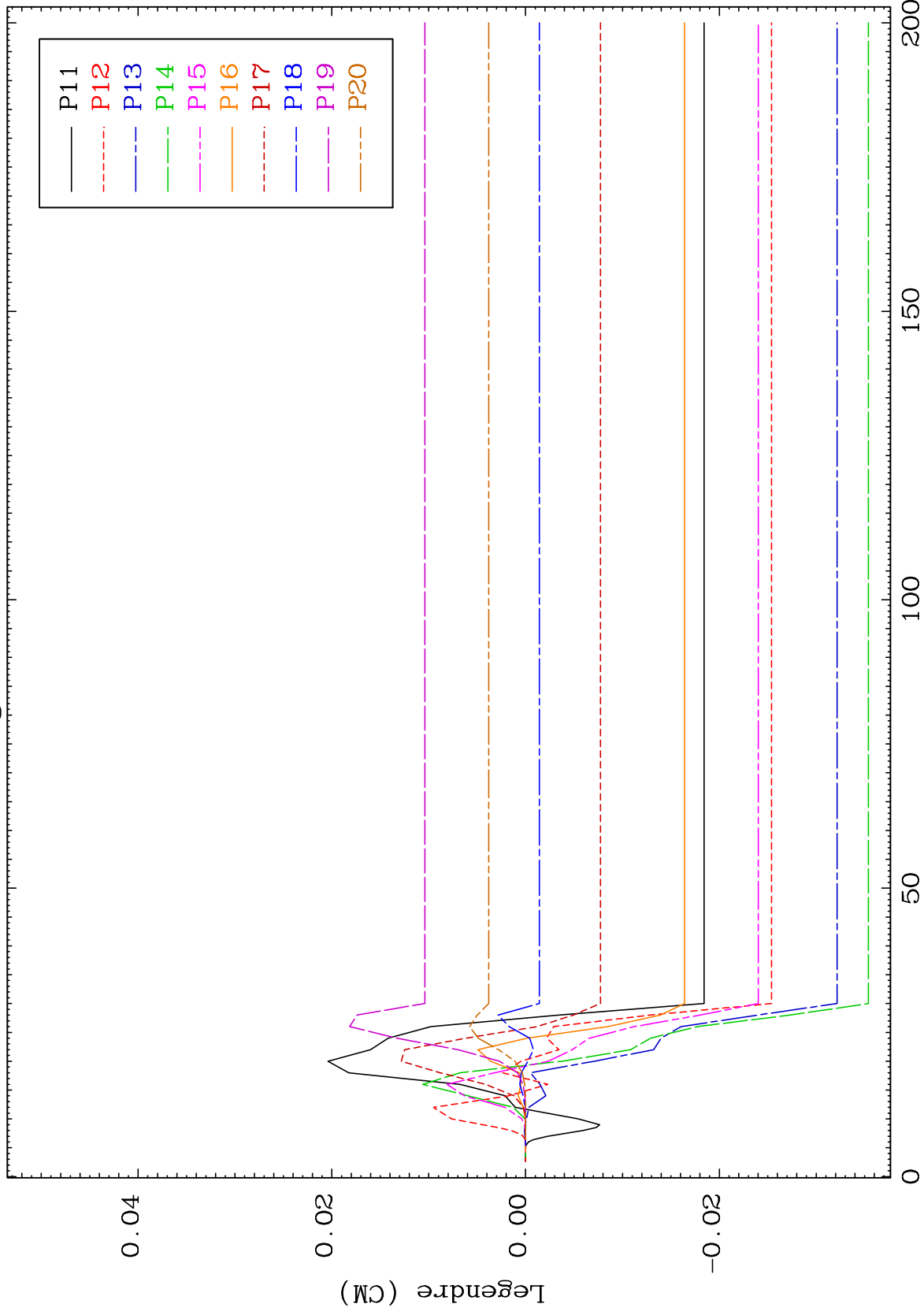




MAT 8049

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

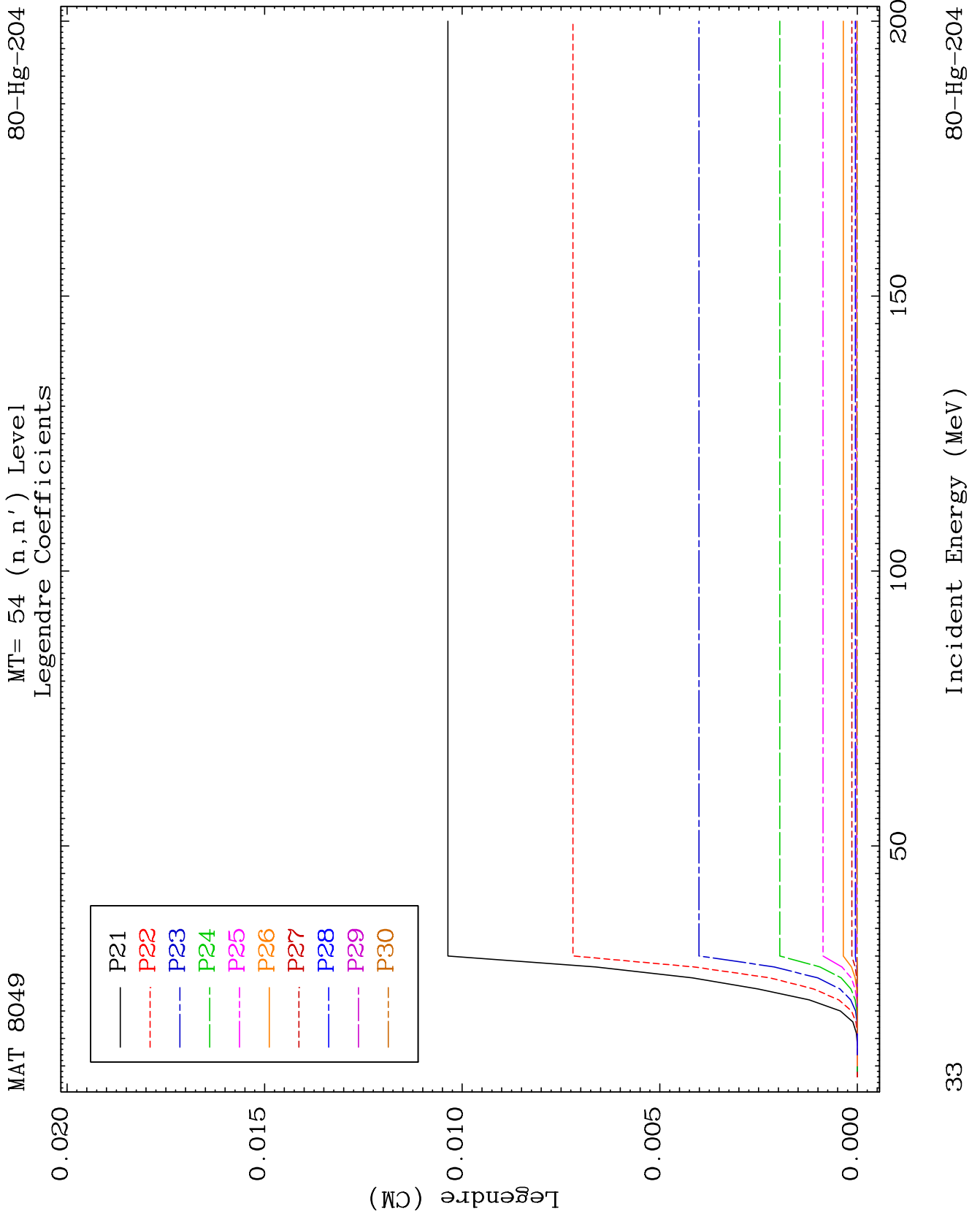
80-Hg-204



32

Incident Energy (MeV)

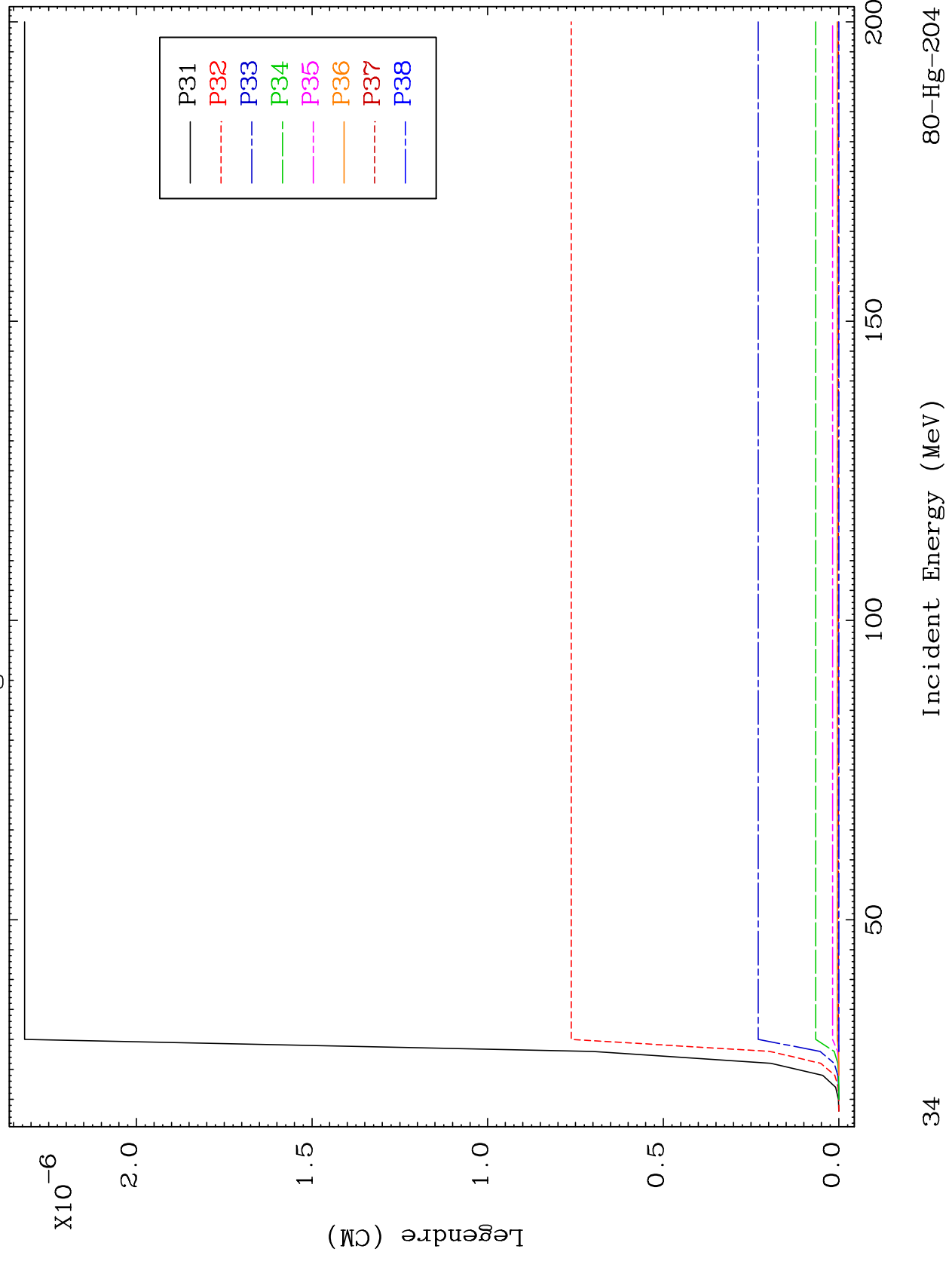
80-Hg-204



MAT 8049

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

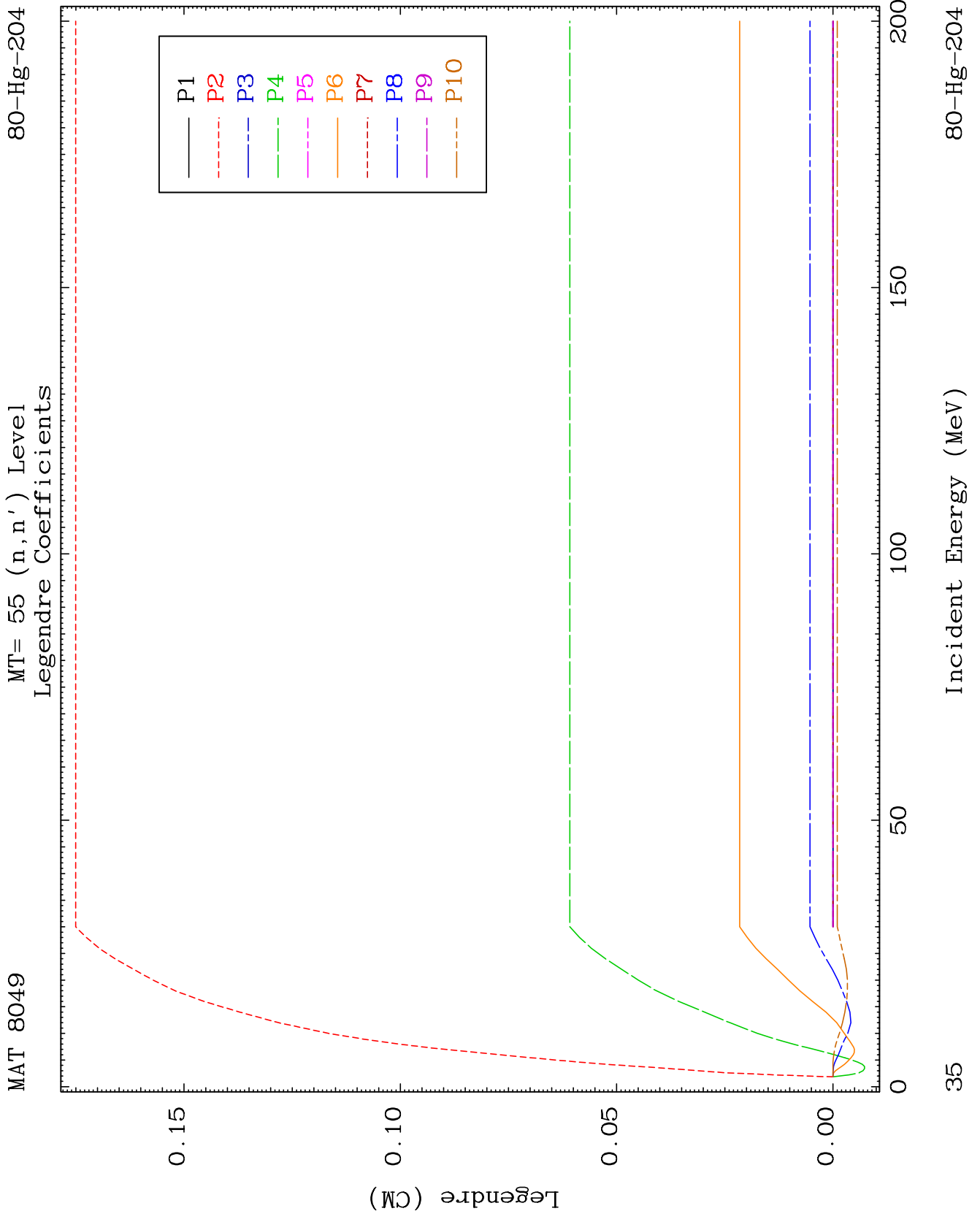
80-Hg-204



34

Incident Energy (MeV)

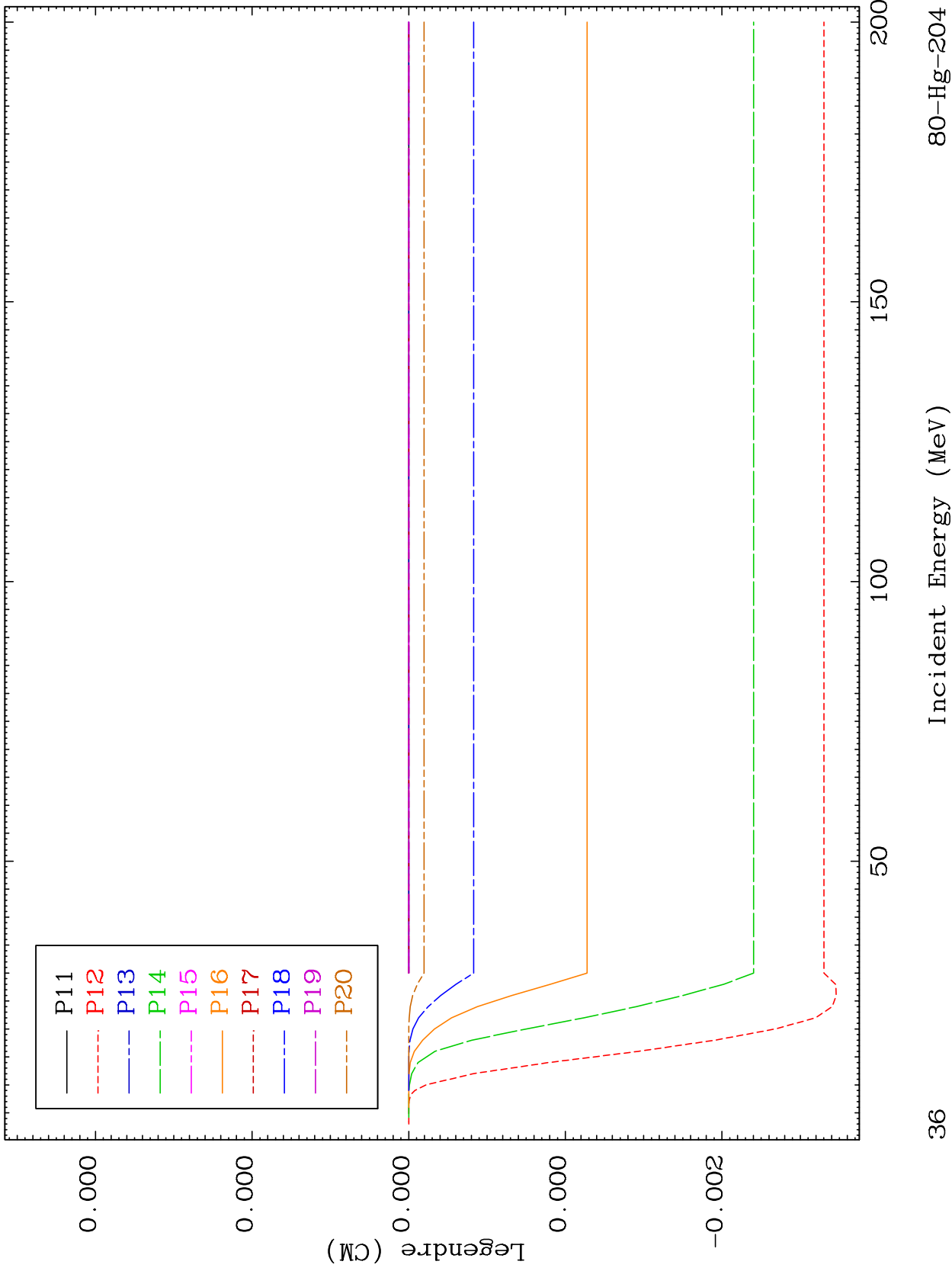
80-Hg-204



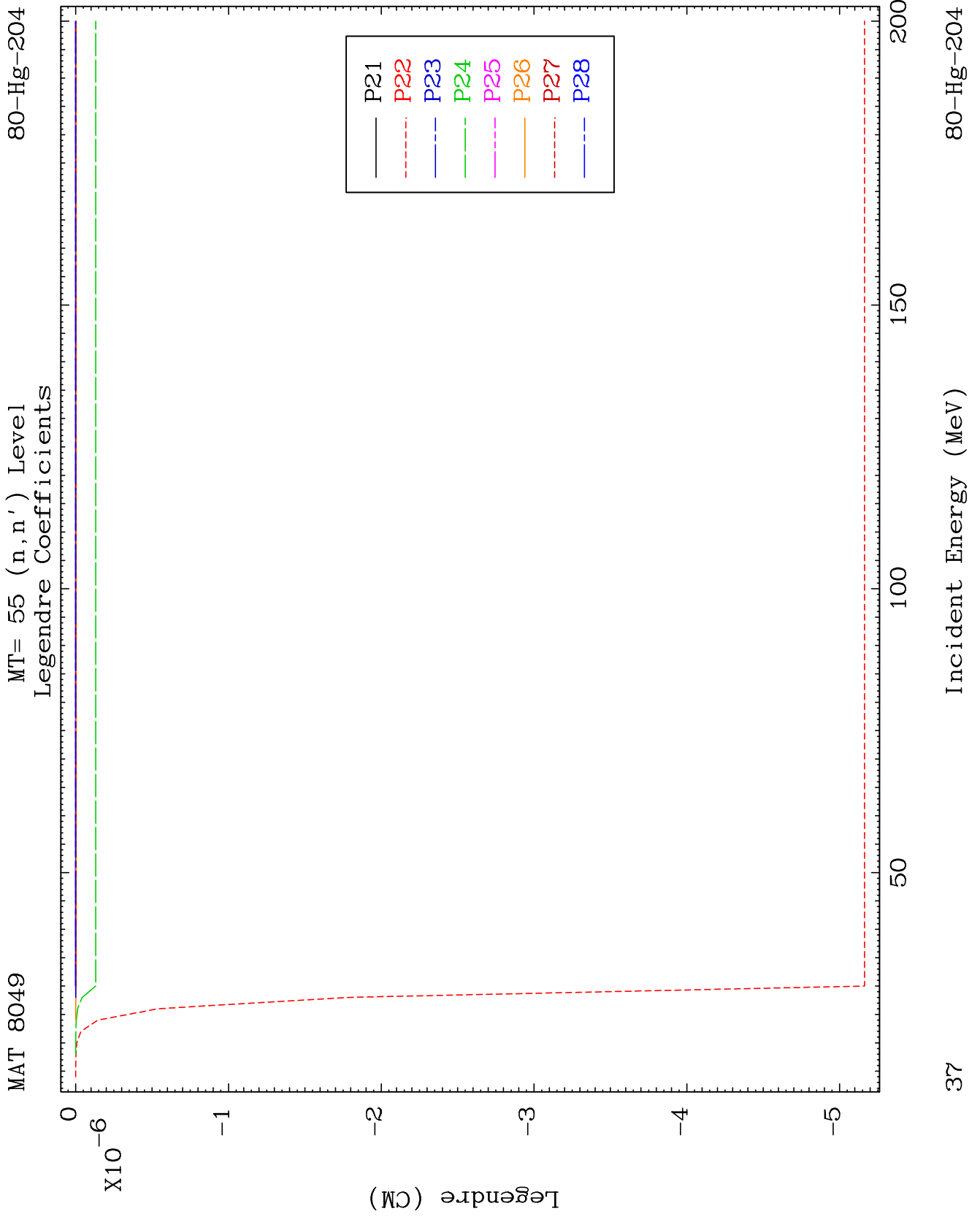
MAT 8049

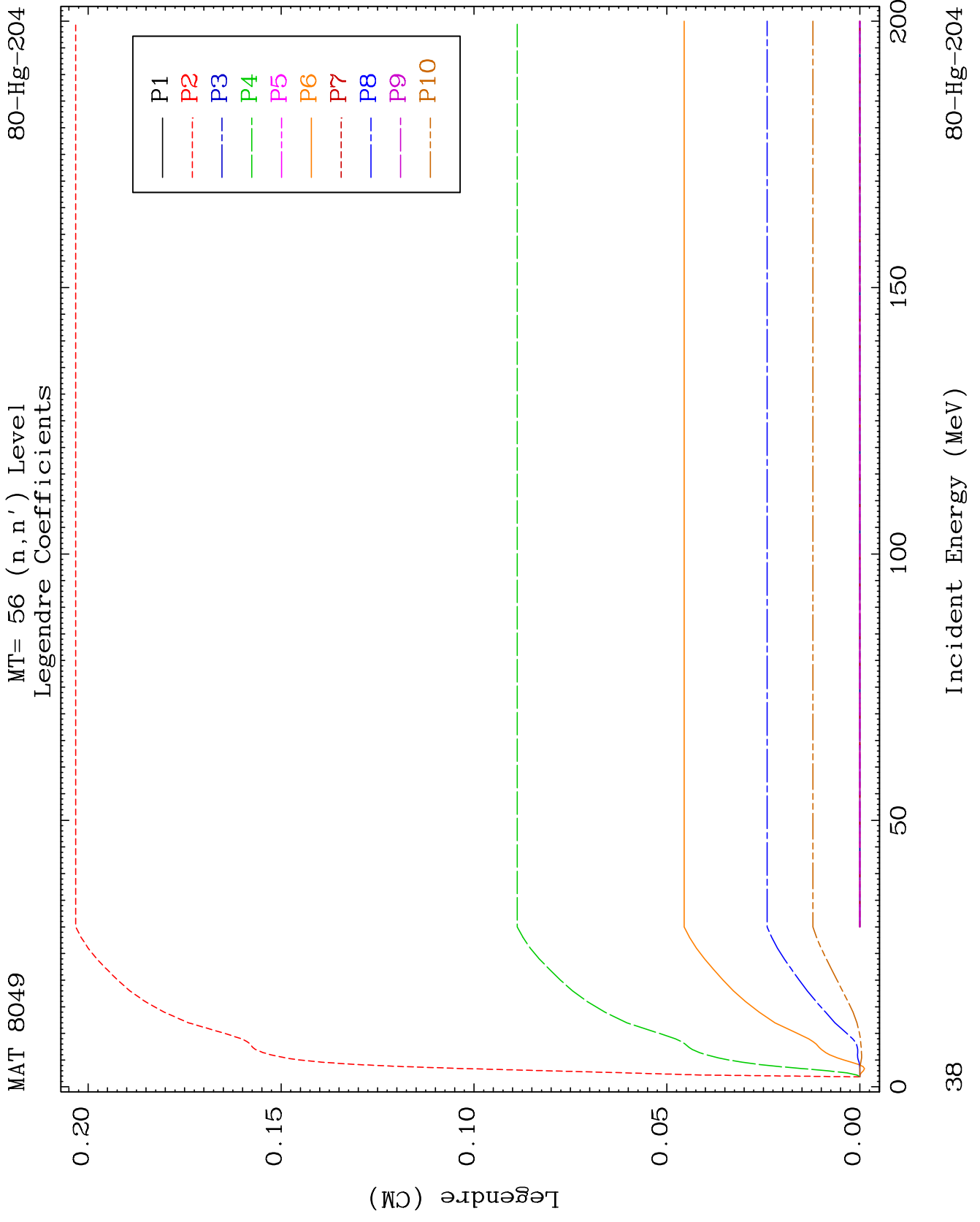
MT= 55 (n,n') Level  
Legendre Coefficients

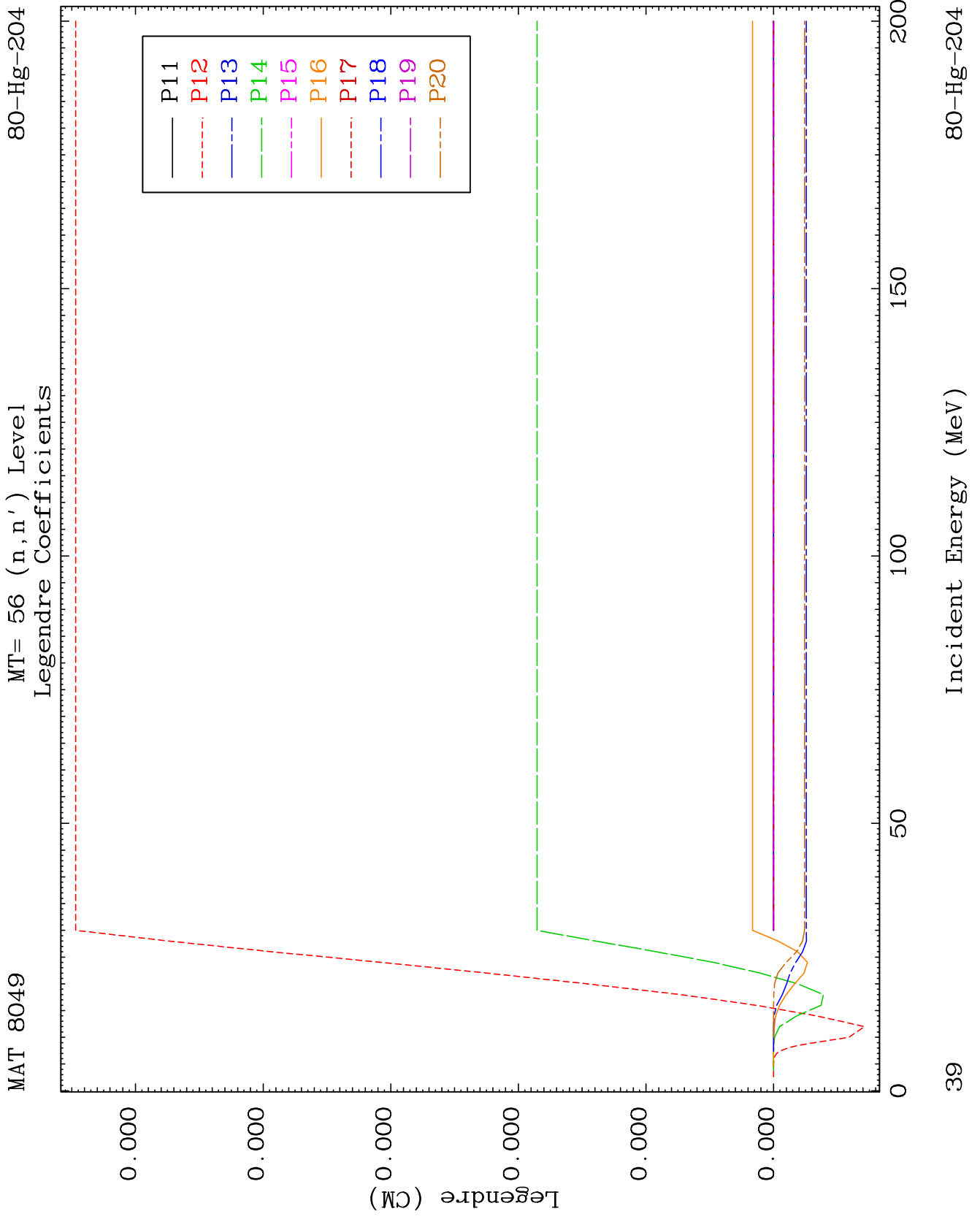
80-Hg-204



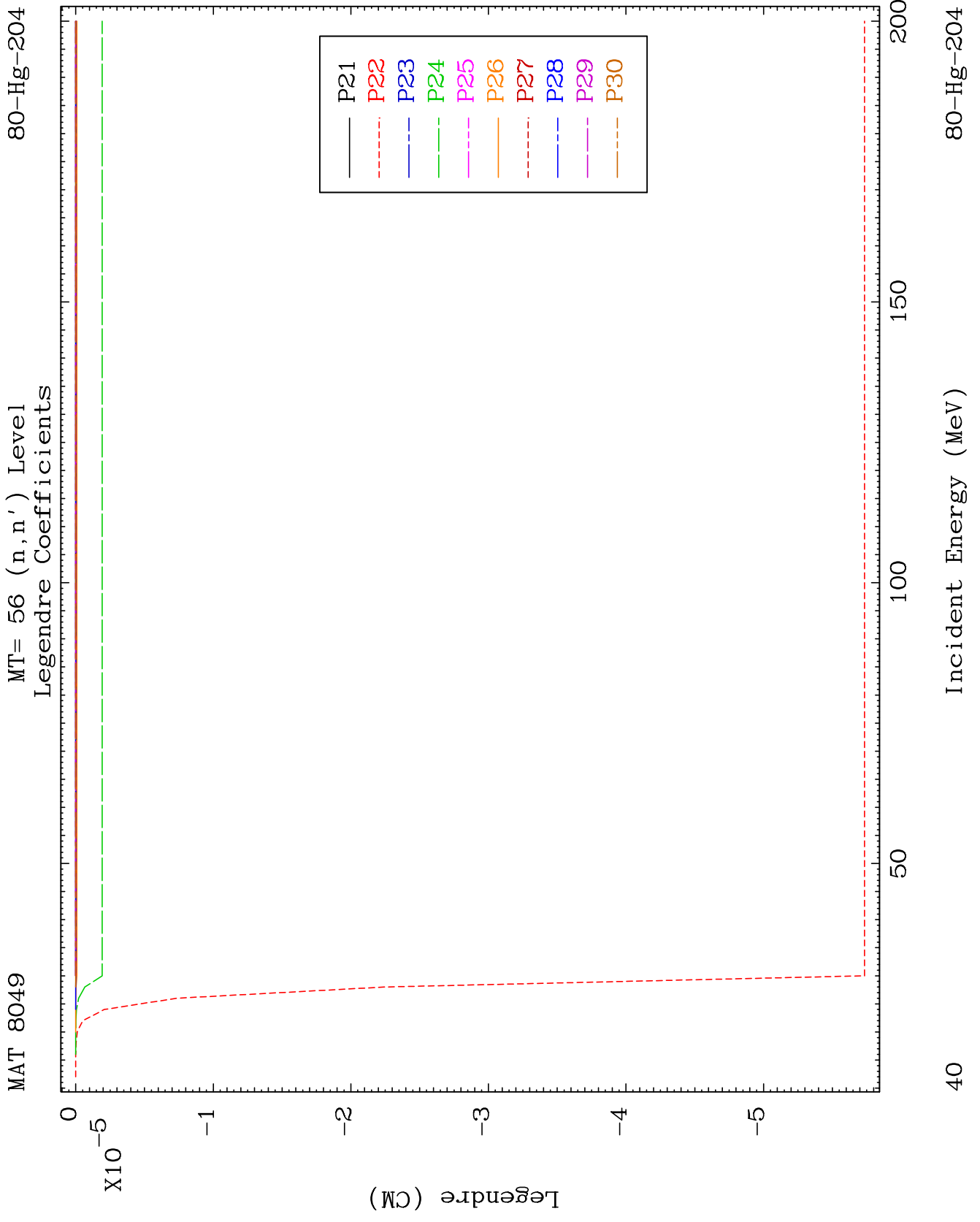
36







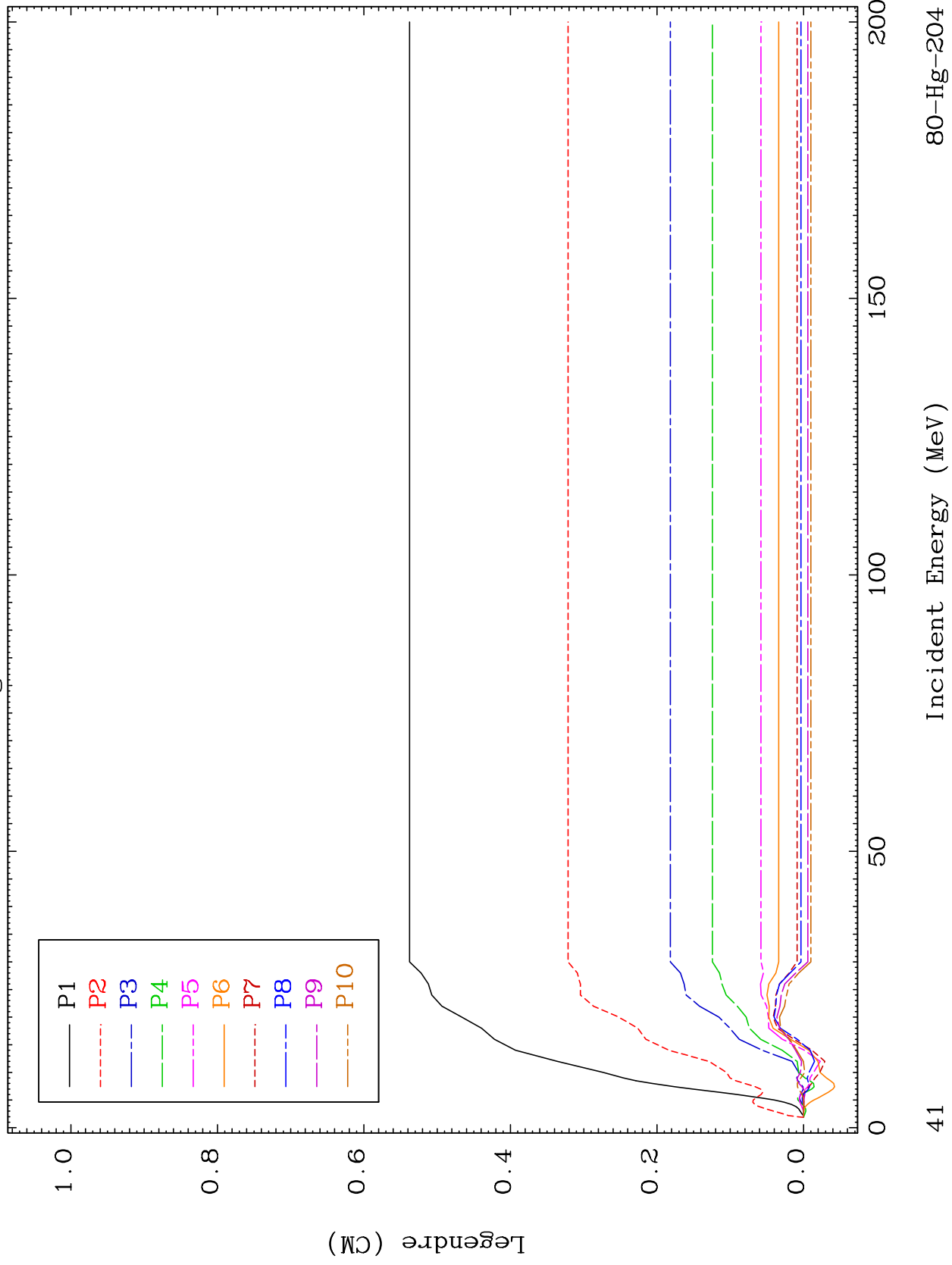




MAT 8049

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

80-Hg-204



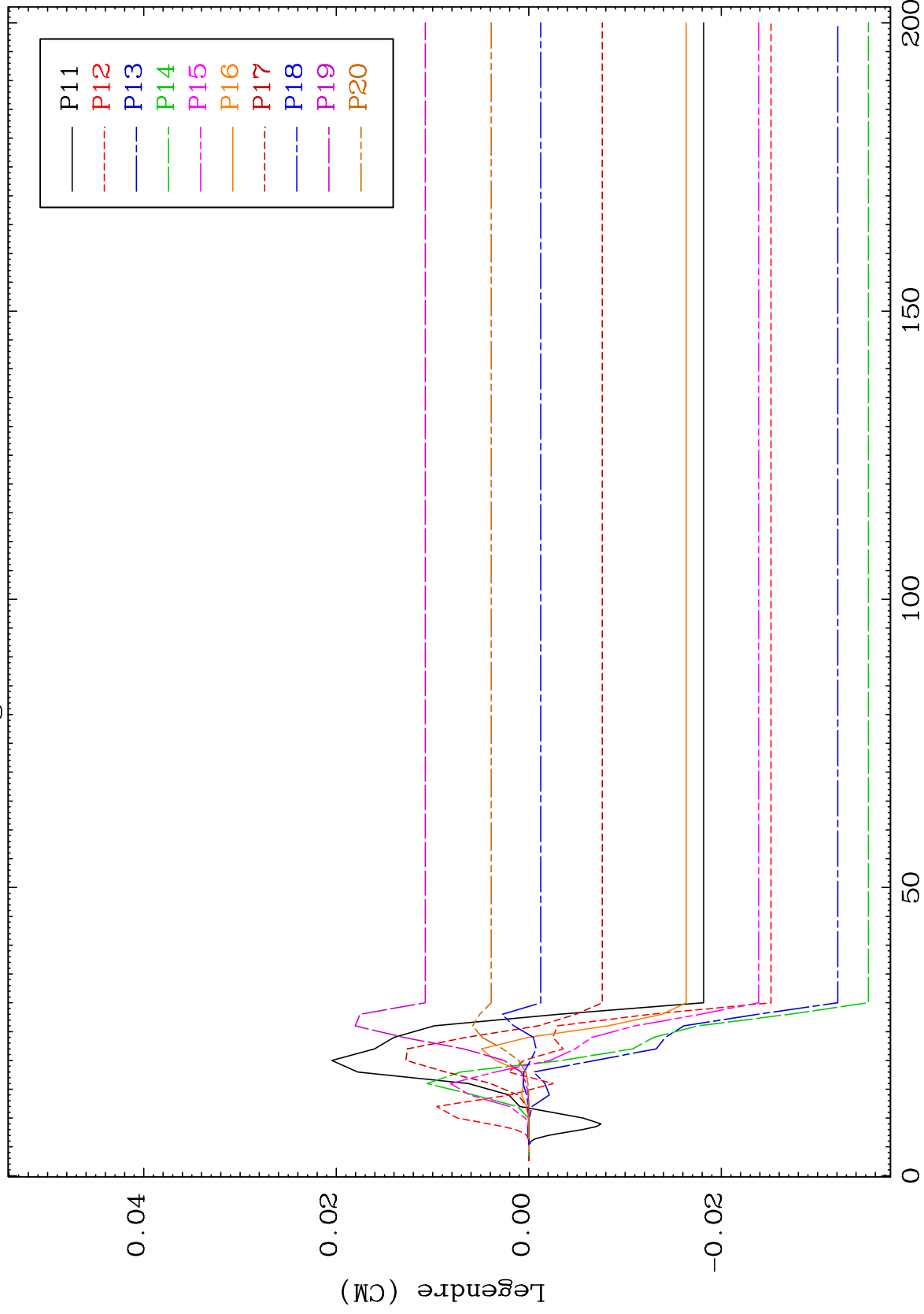
41

80-Hg-204

MAT 8049

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

80-Hg-204



42

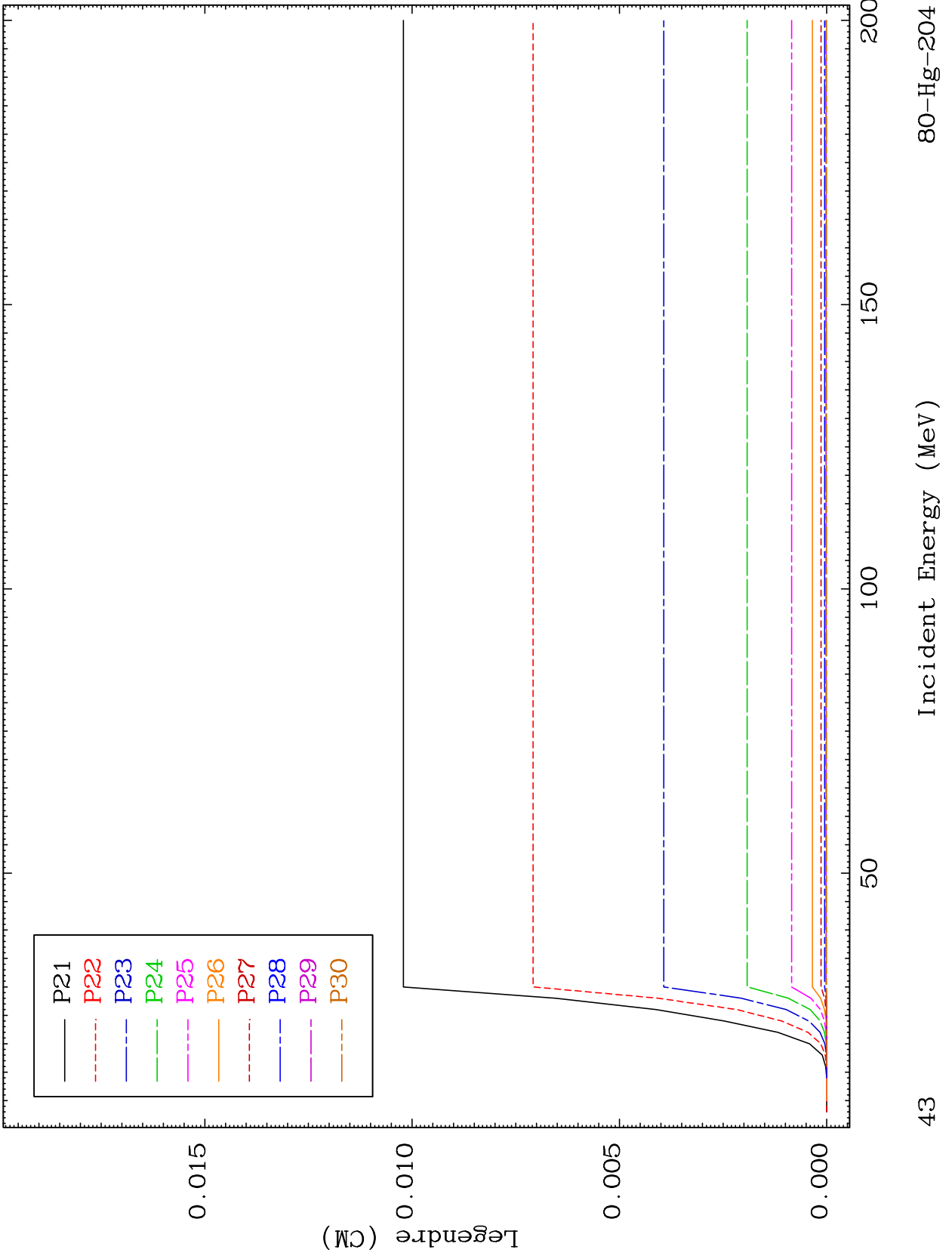
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



43

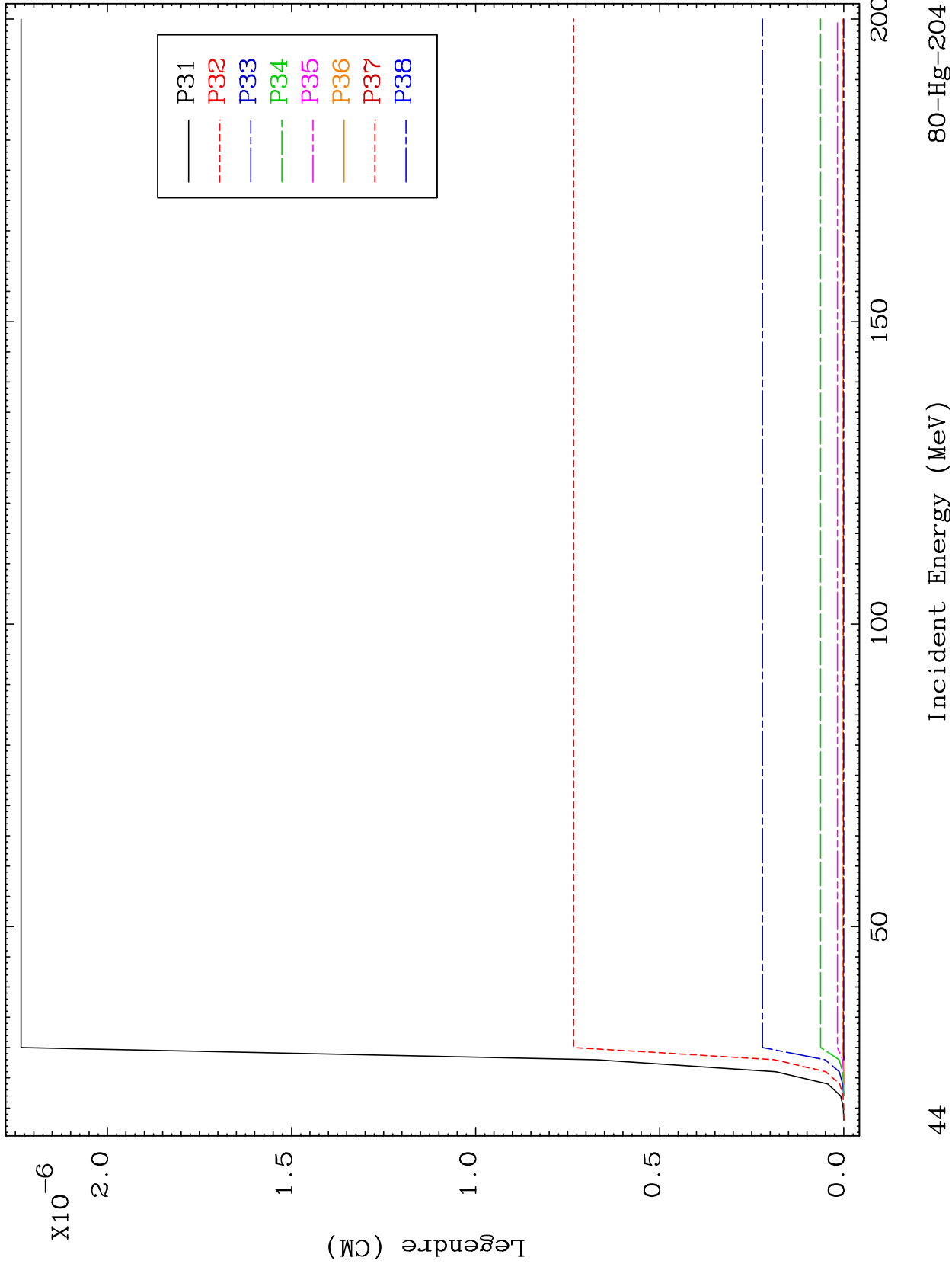
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



44

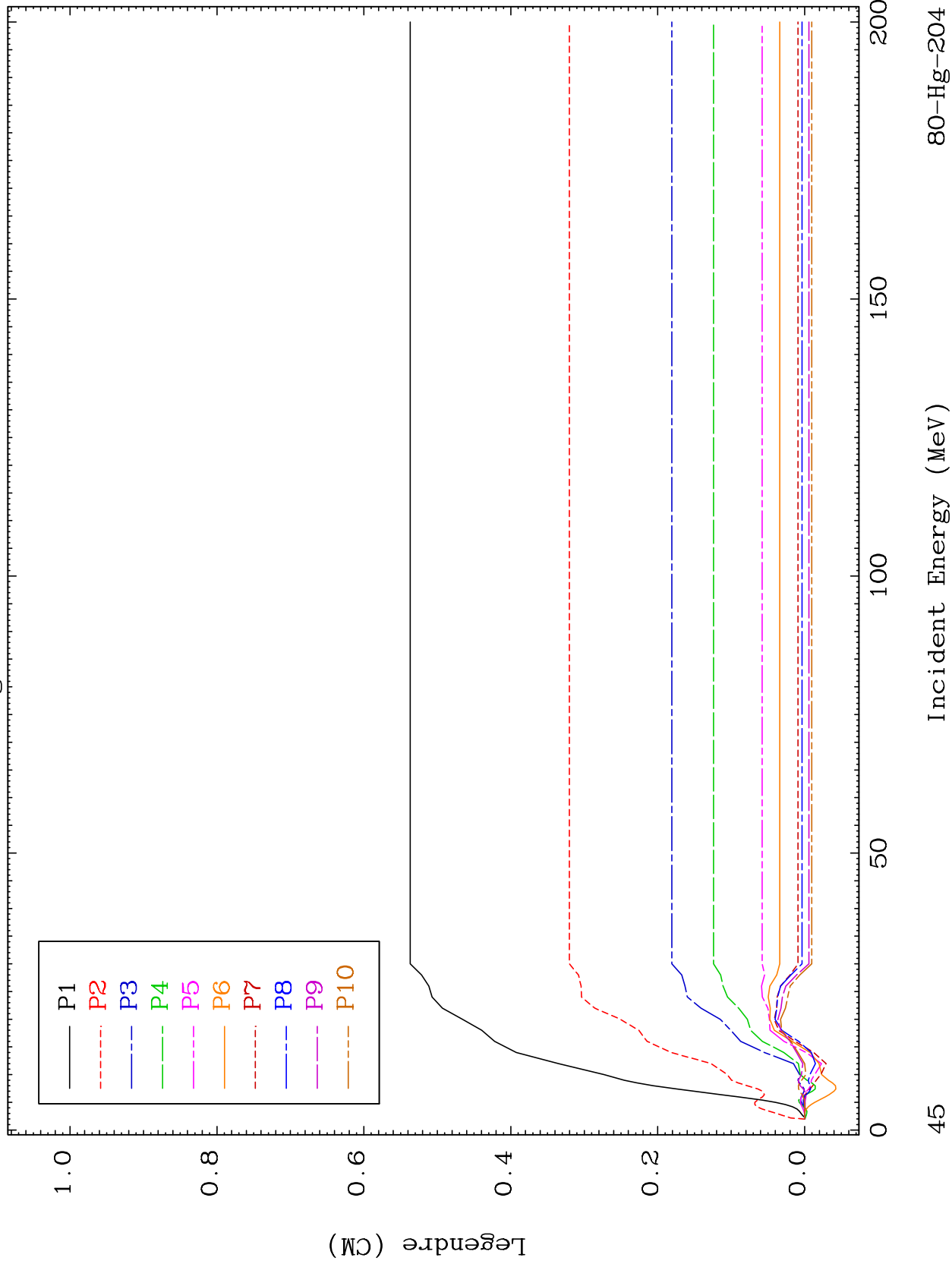
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

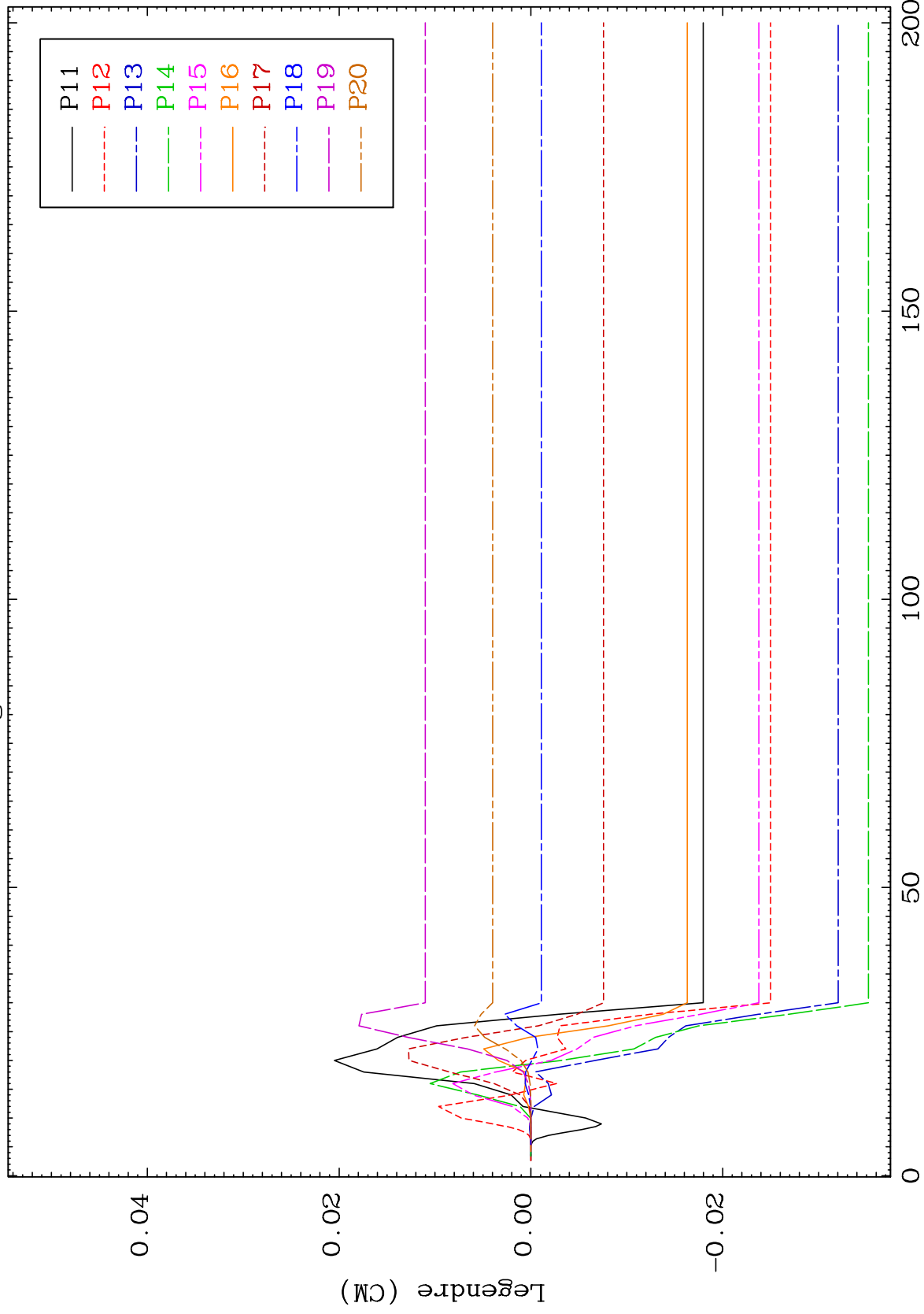
80-Hg-204



MAT 8049

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

80-Hg-204



46

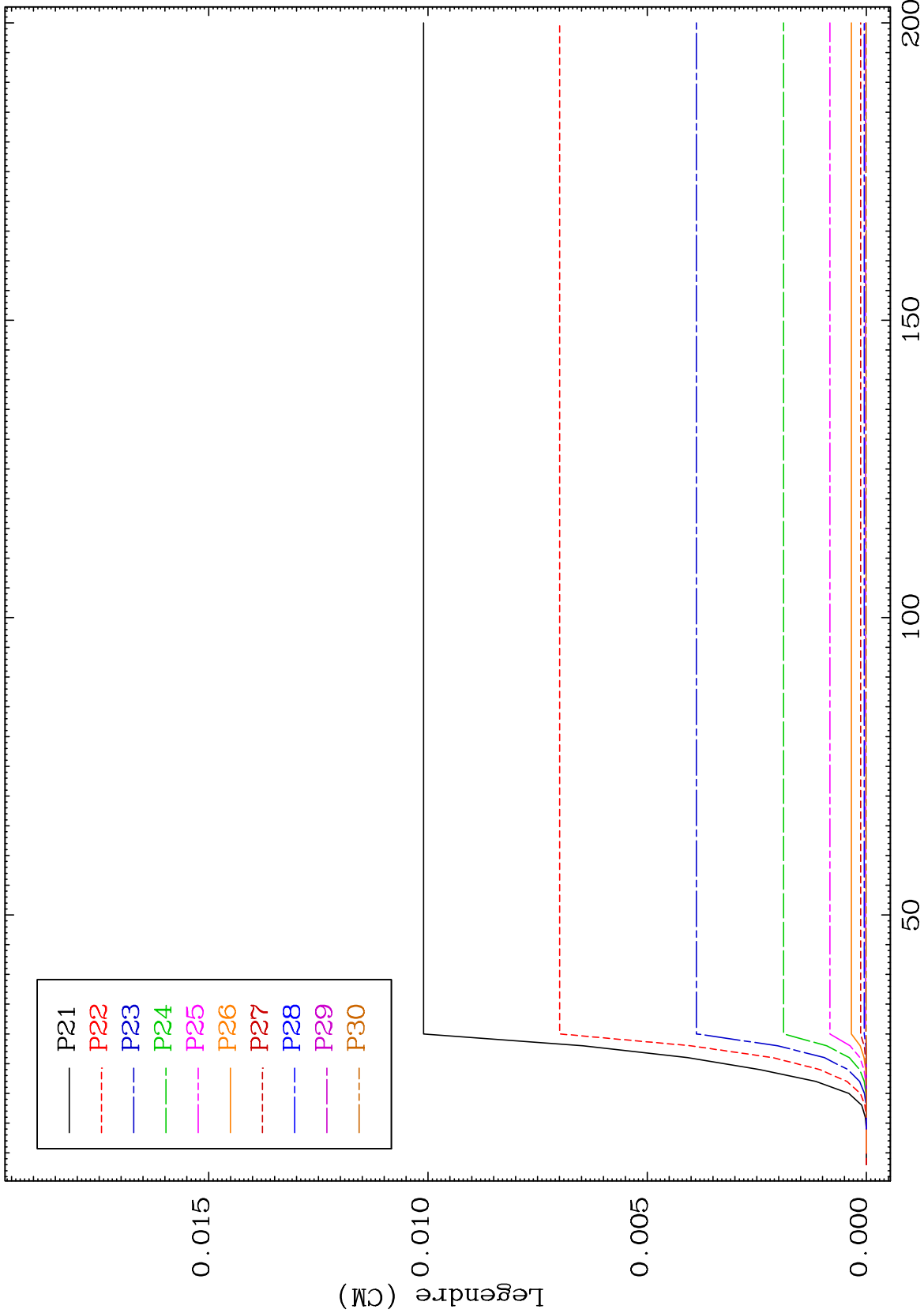
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204

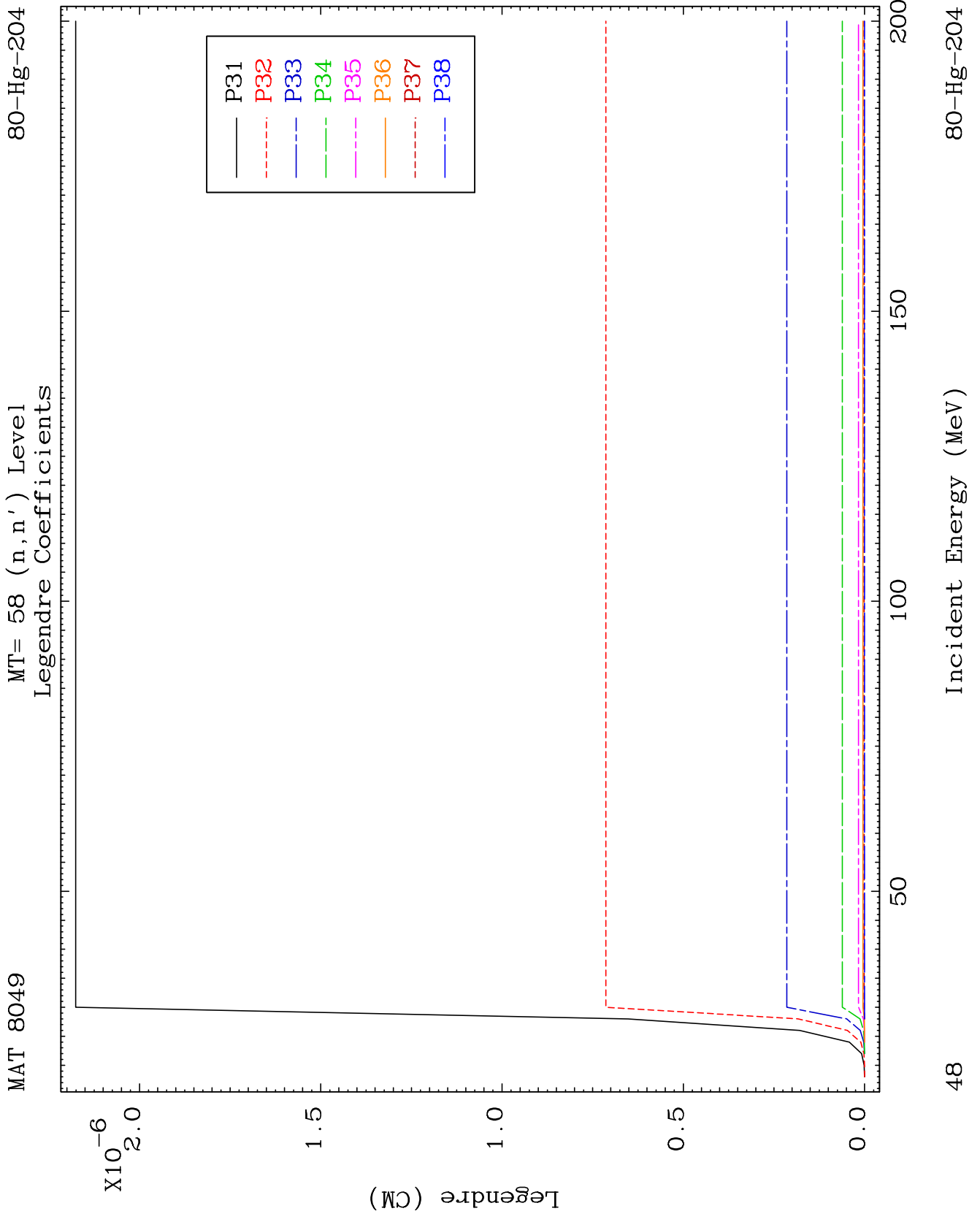


47

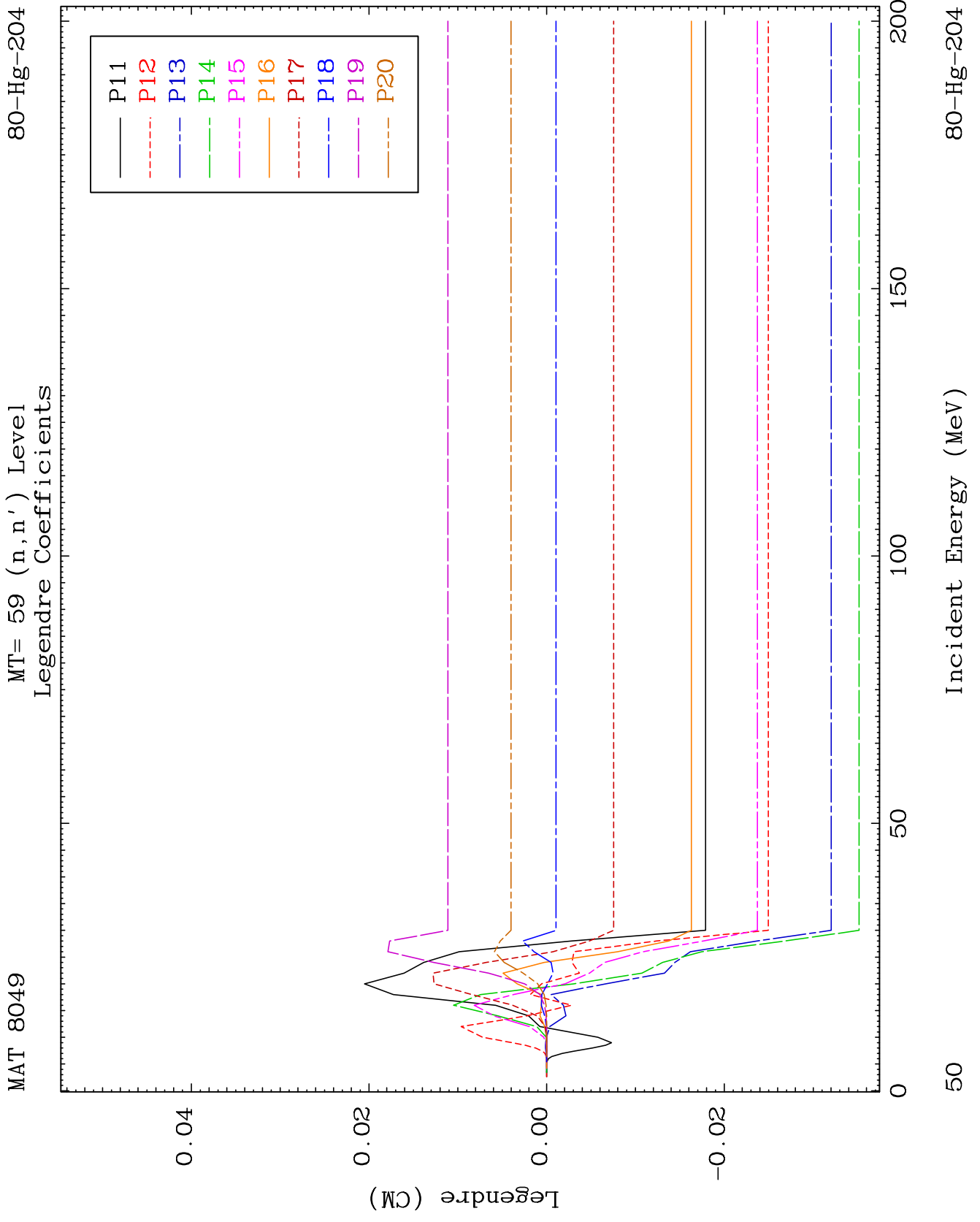
Incident Energy (MeV)

80-Hg-204





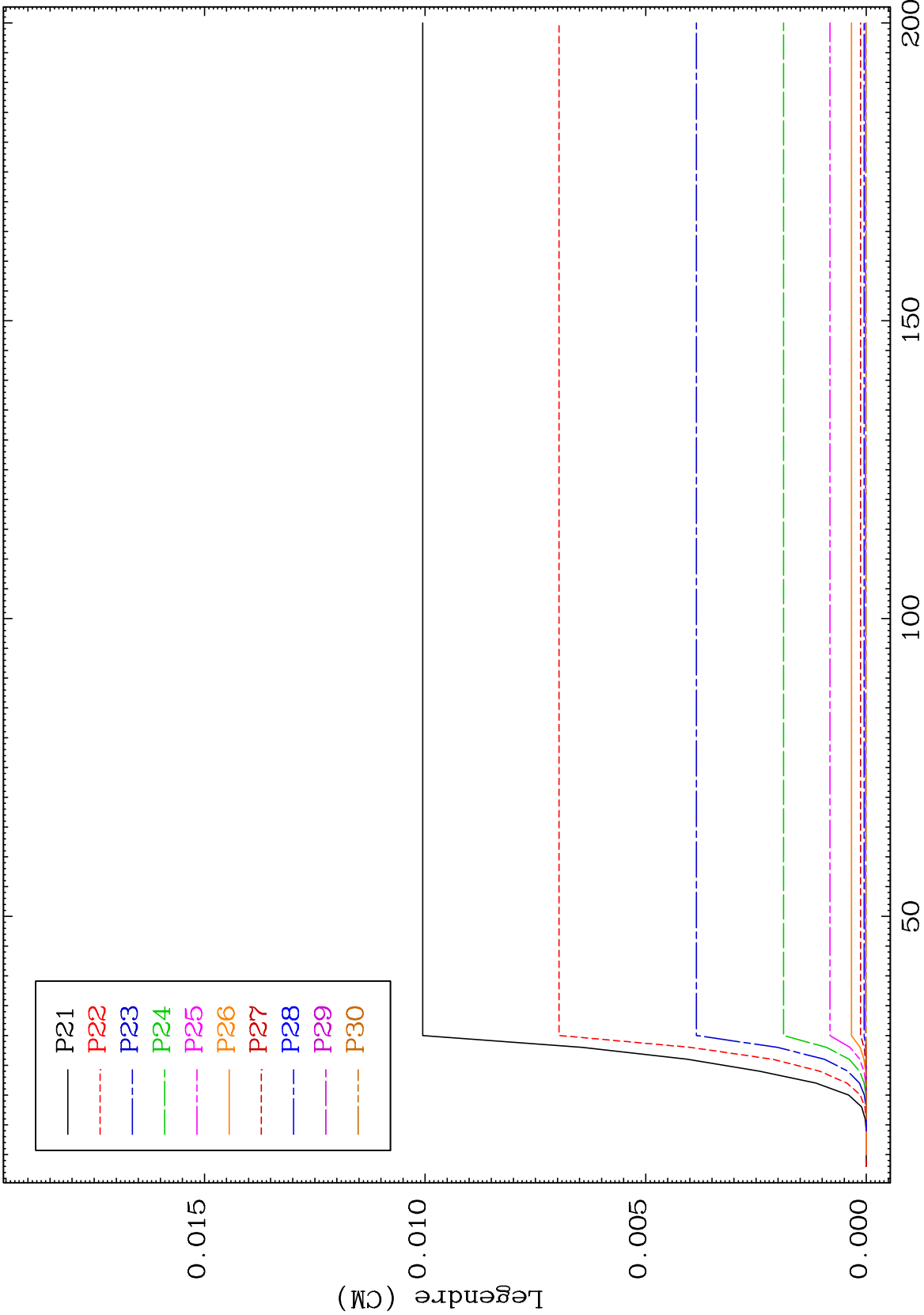




MAT 8049

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

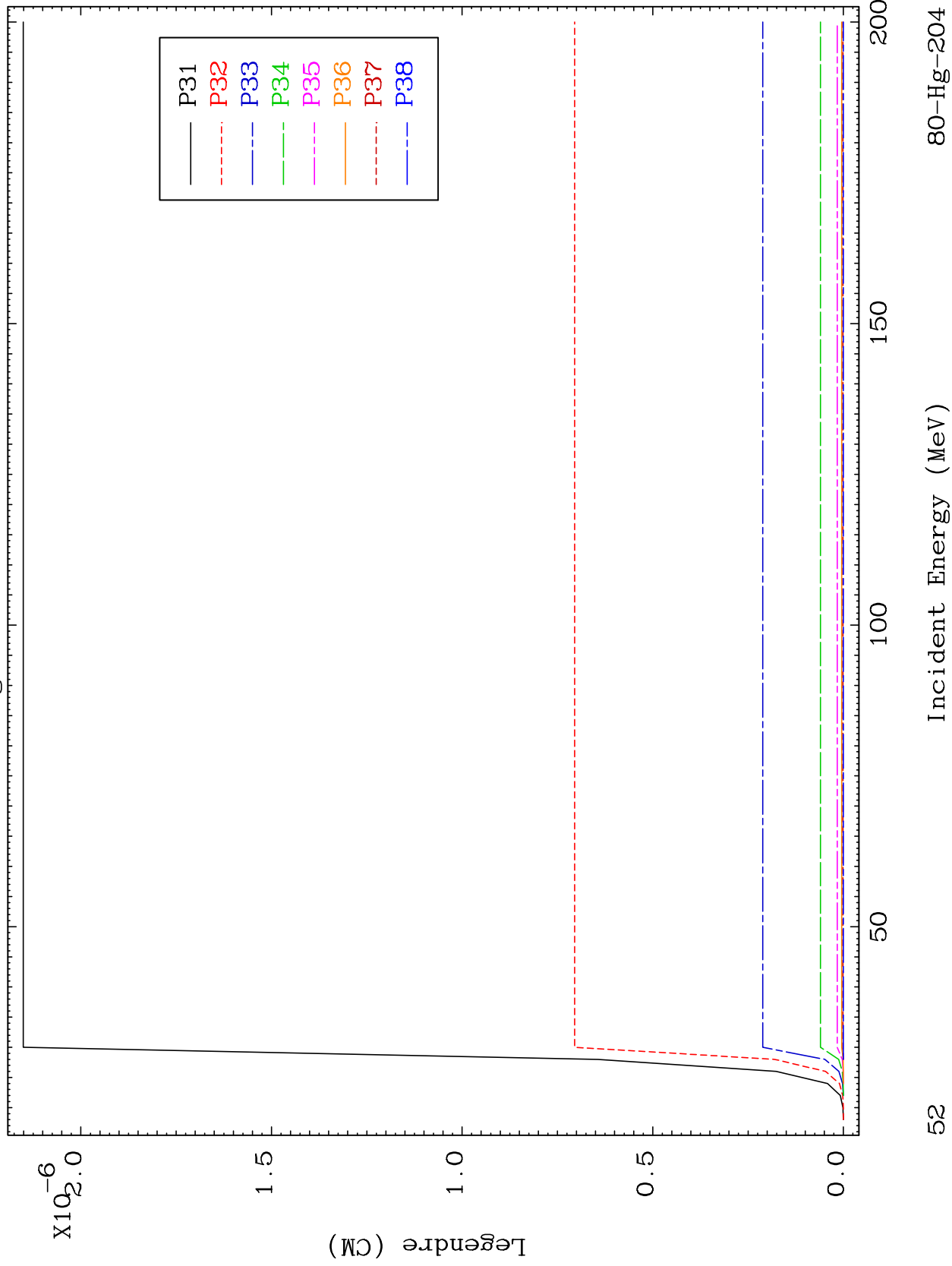
80-Hg-204



MAT 8049

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

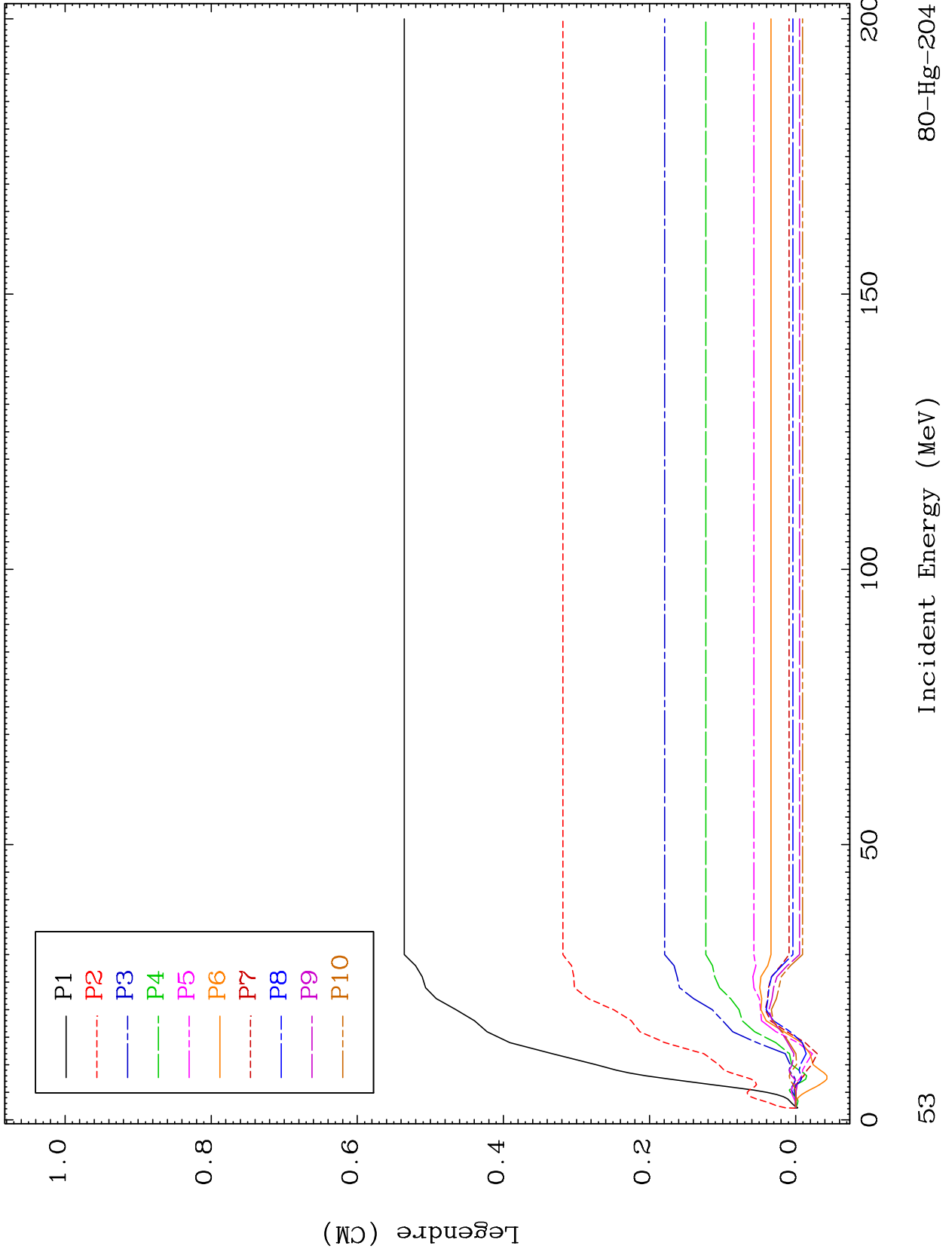
80-Hg-204

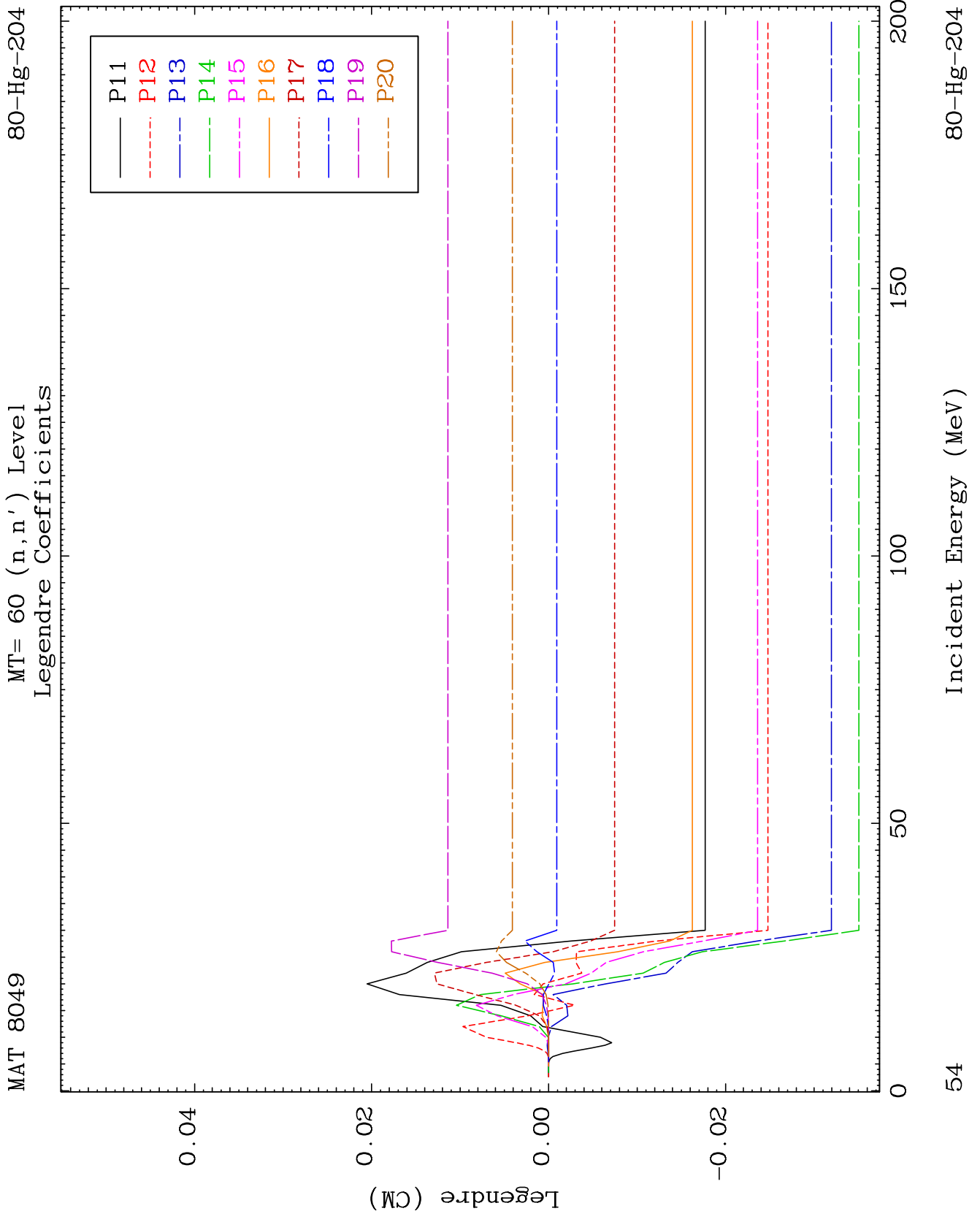


MAT 8049

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

80-Hg-204

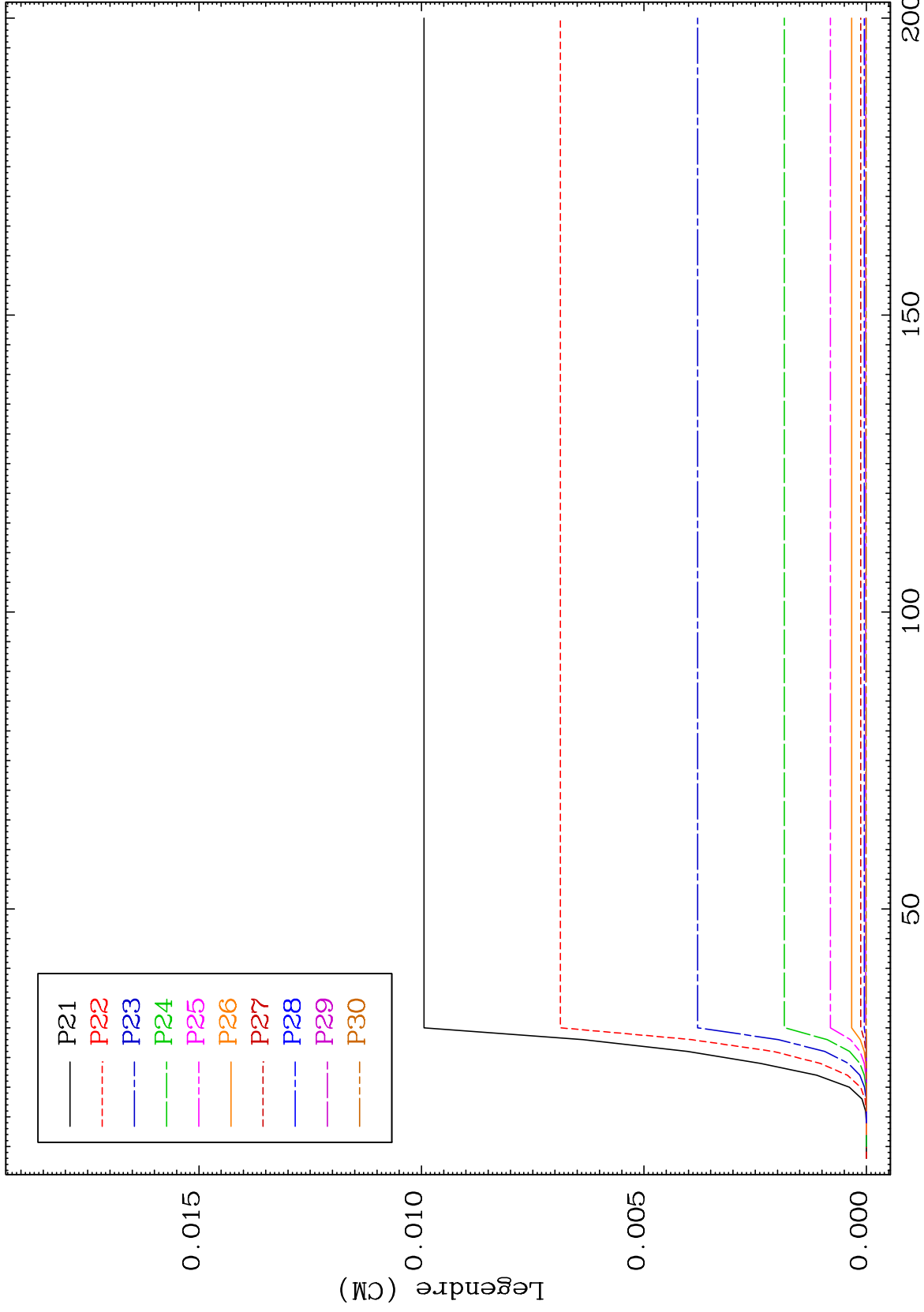




MAT 8049

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

80-Hg-204

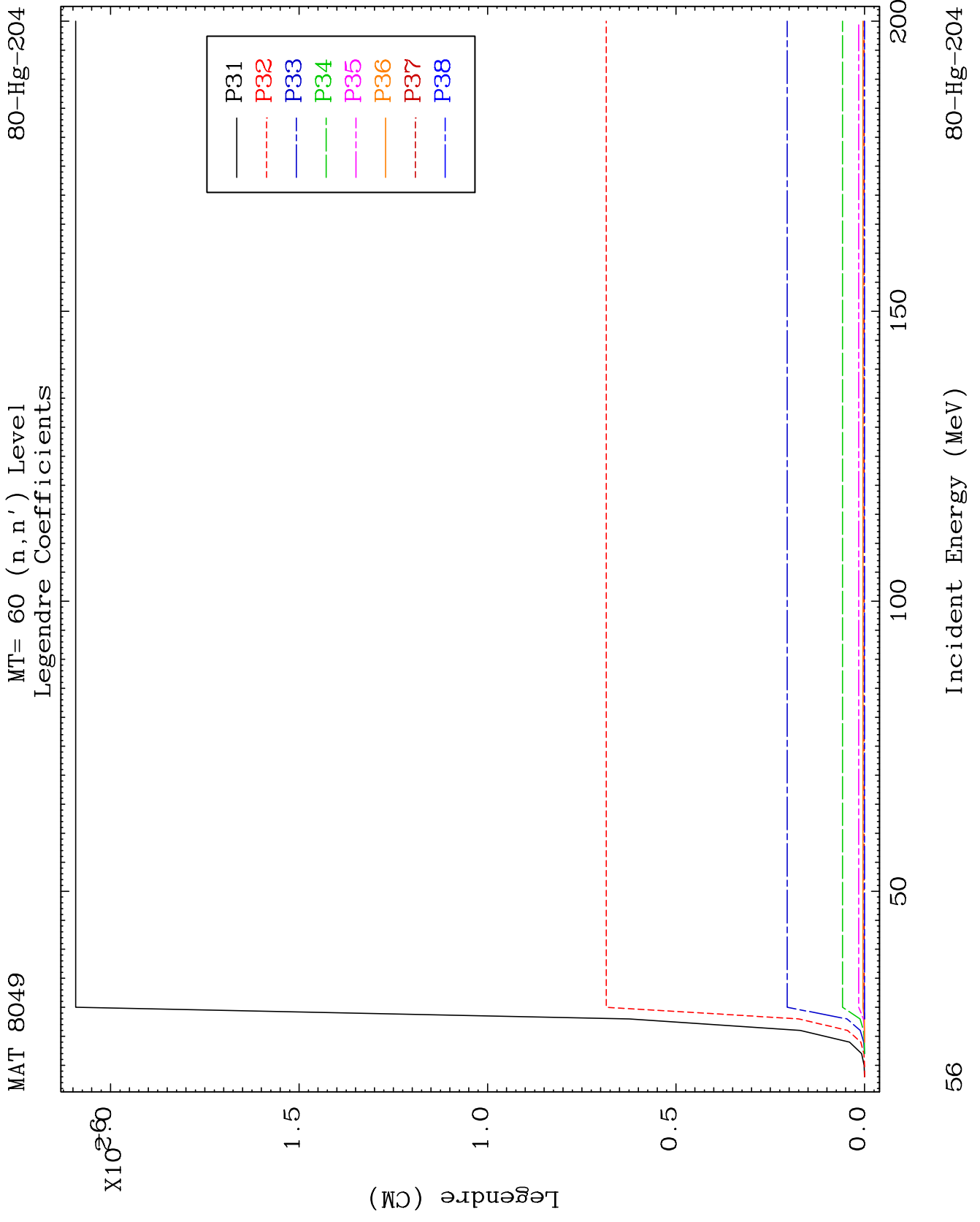


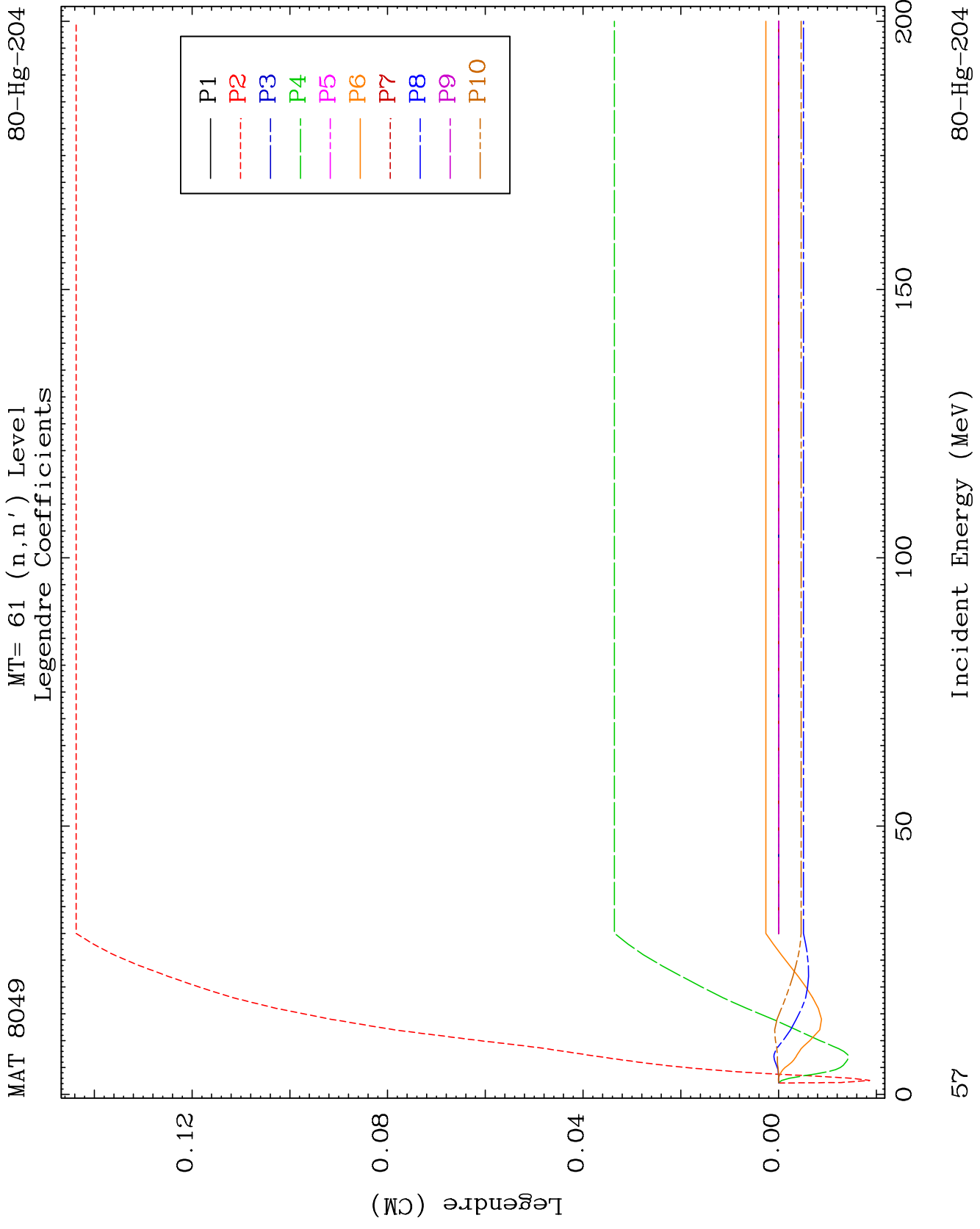
55

Incident Energy (MeV)

80-Hg-204



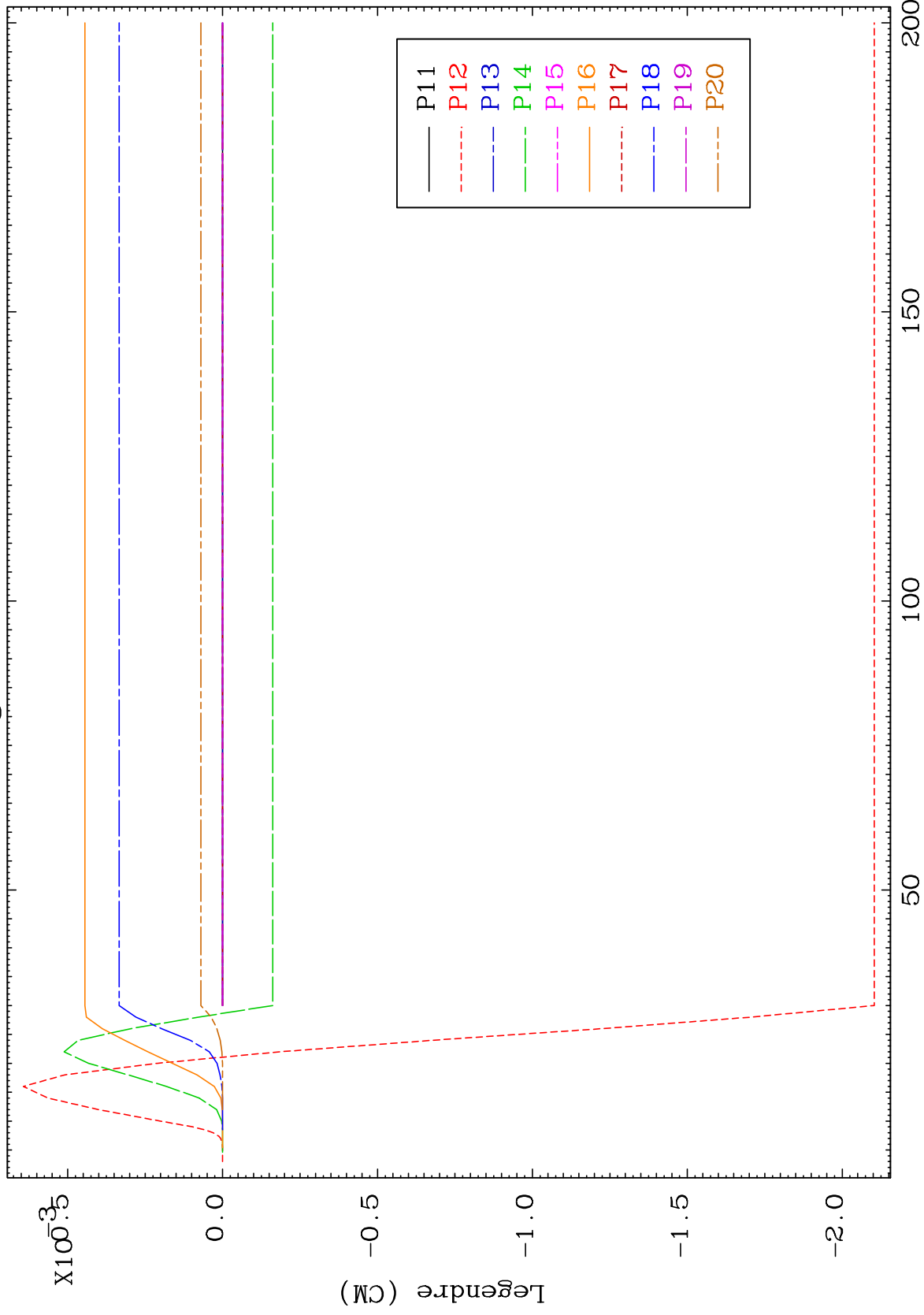




MAT 8049

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

80-Hg-204



58

Incident Energy (MeV)

80-Hg-204

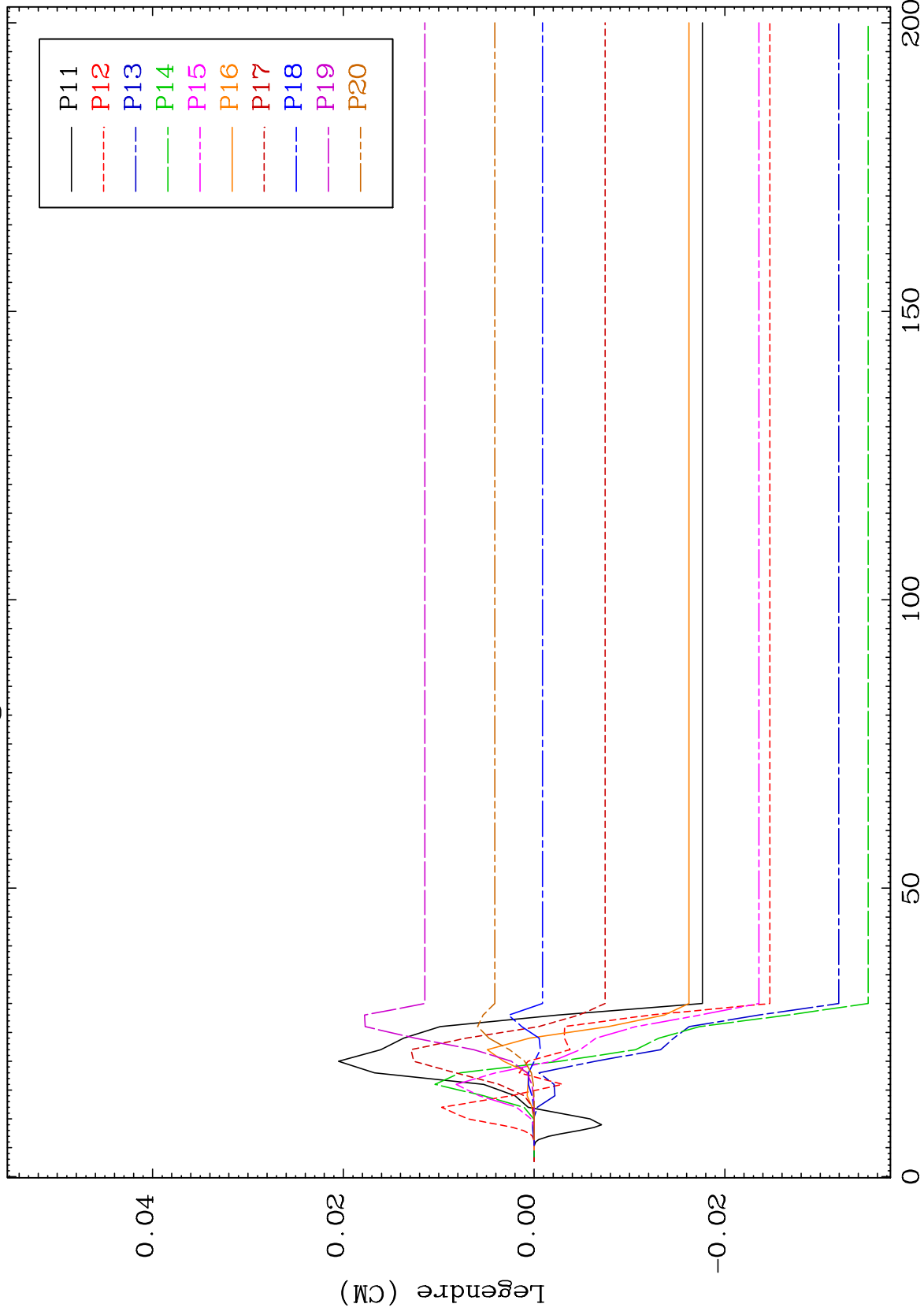




MAT 8049

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

80-Hg-204



61

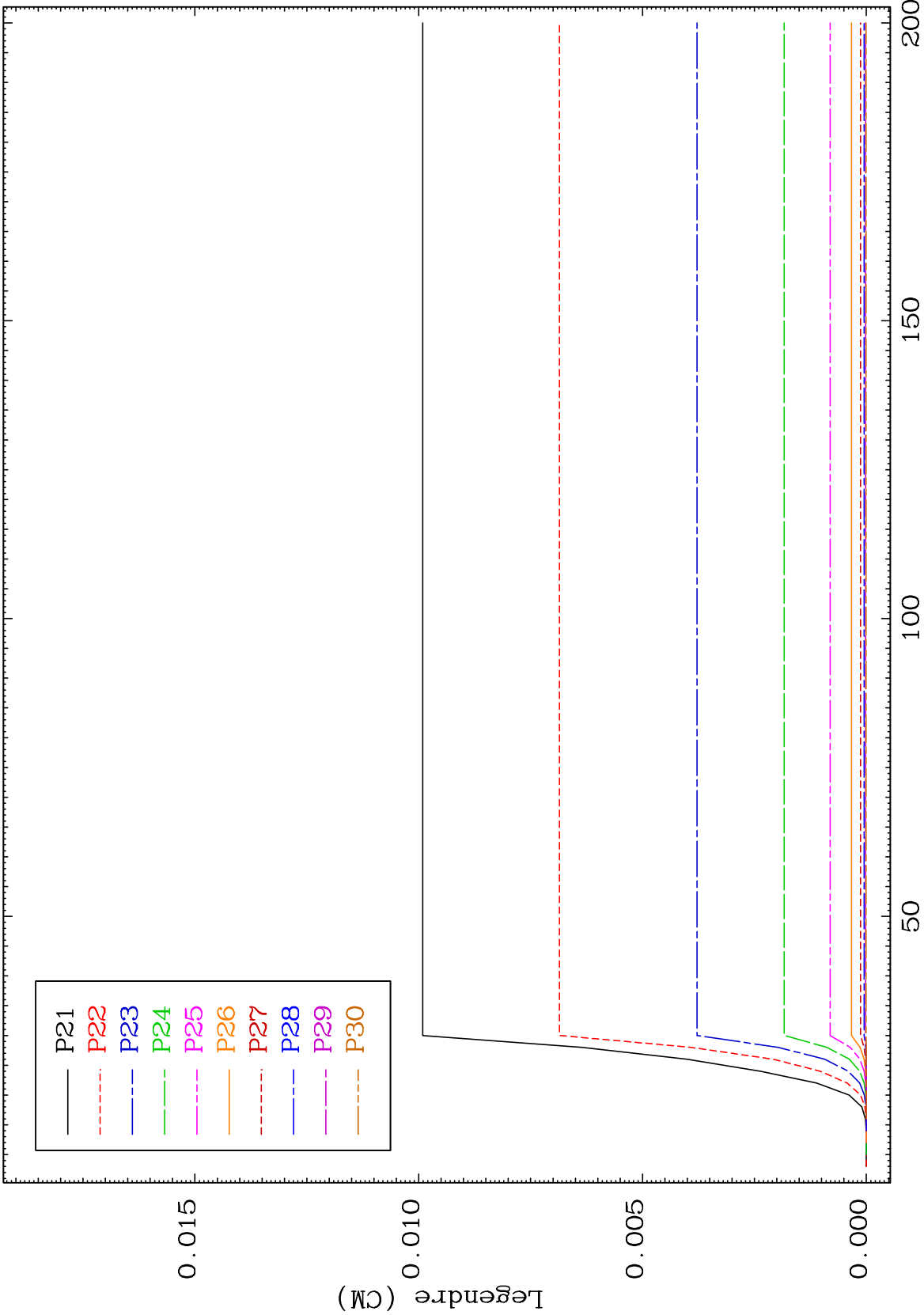
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



62

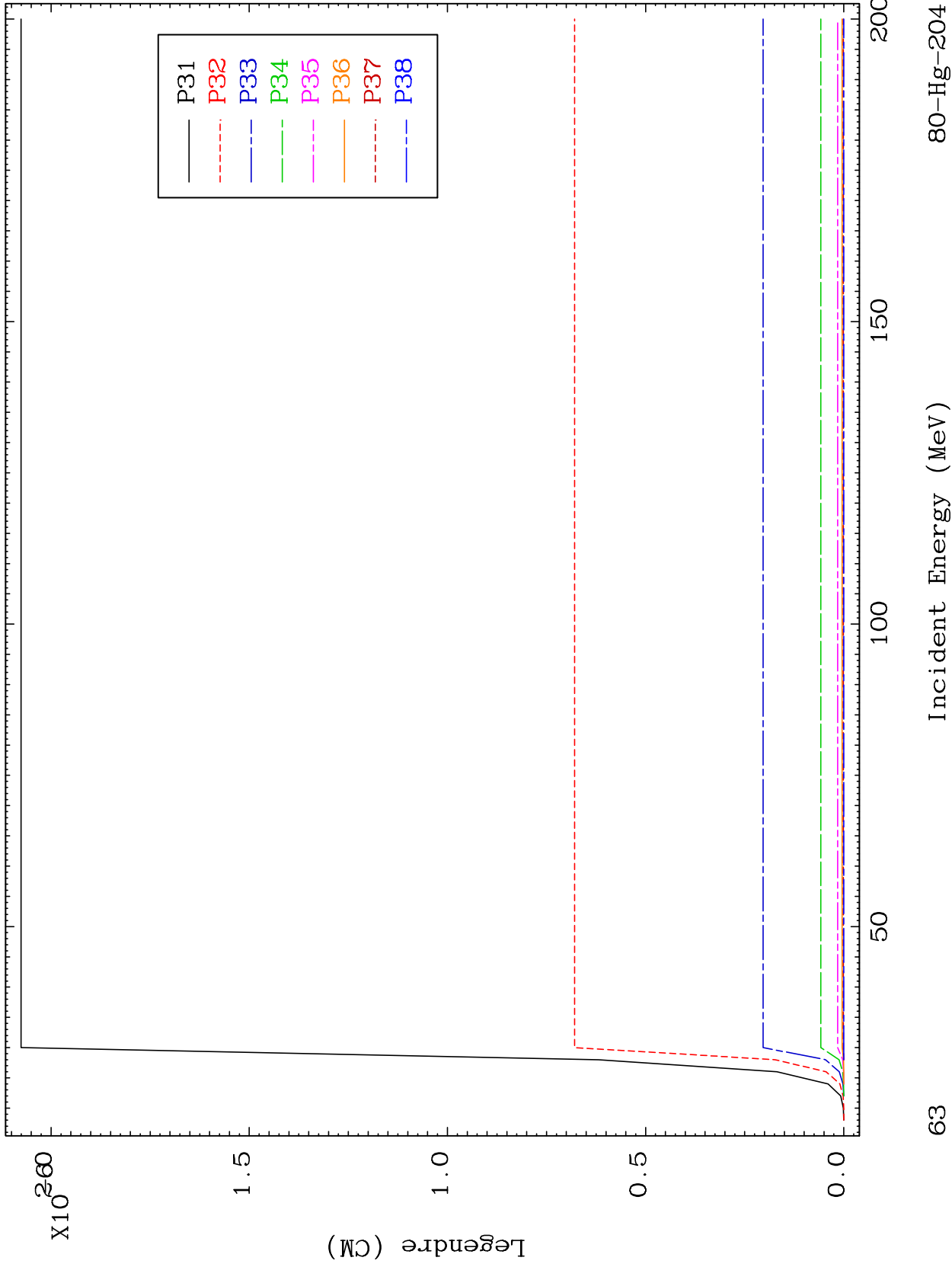
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



63

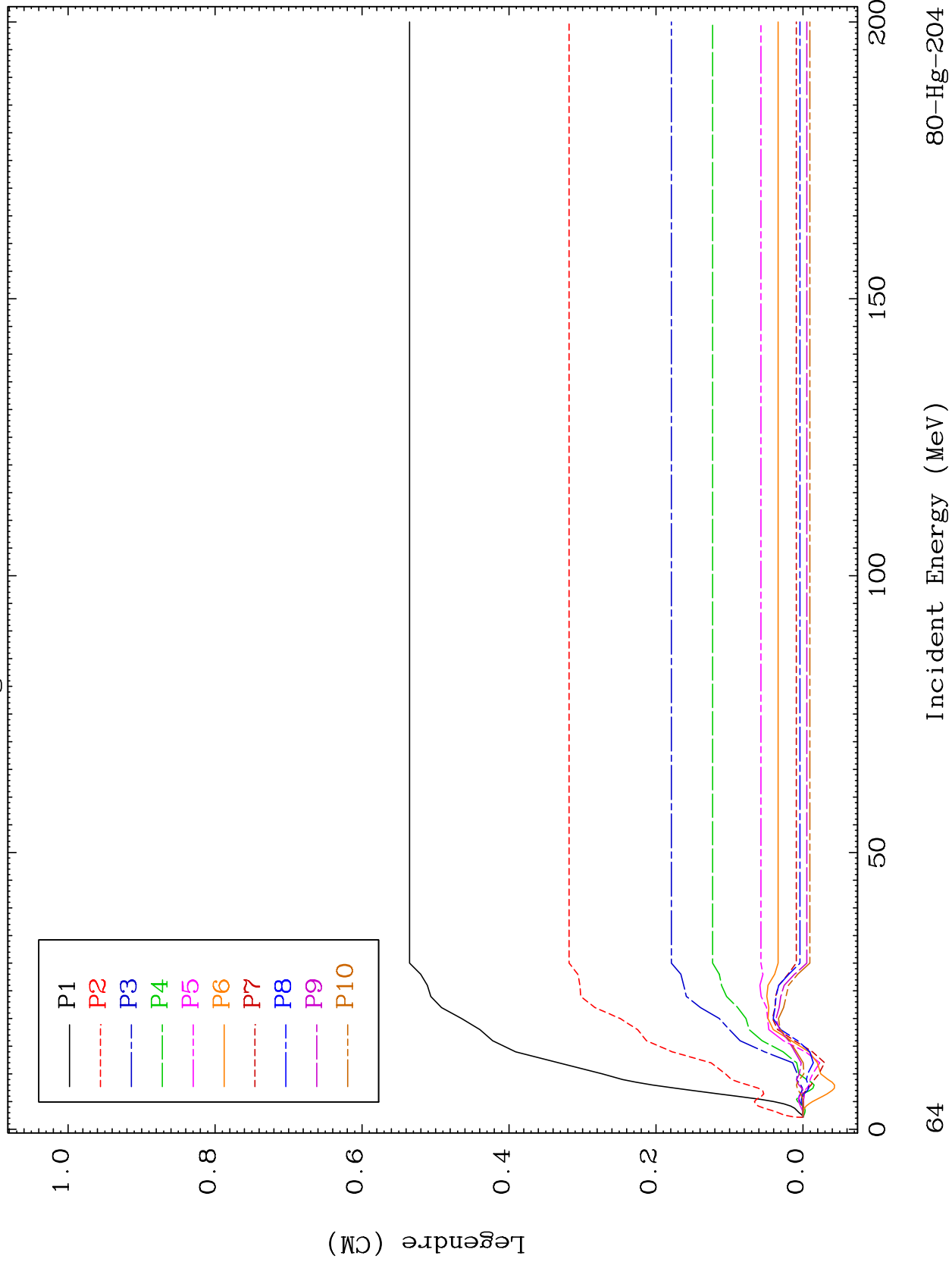
80-Hg-204



MAT 8049

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

80-Hg-204

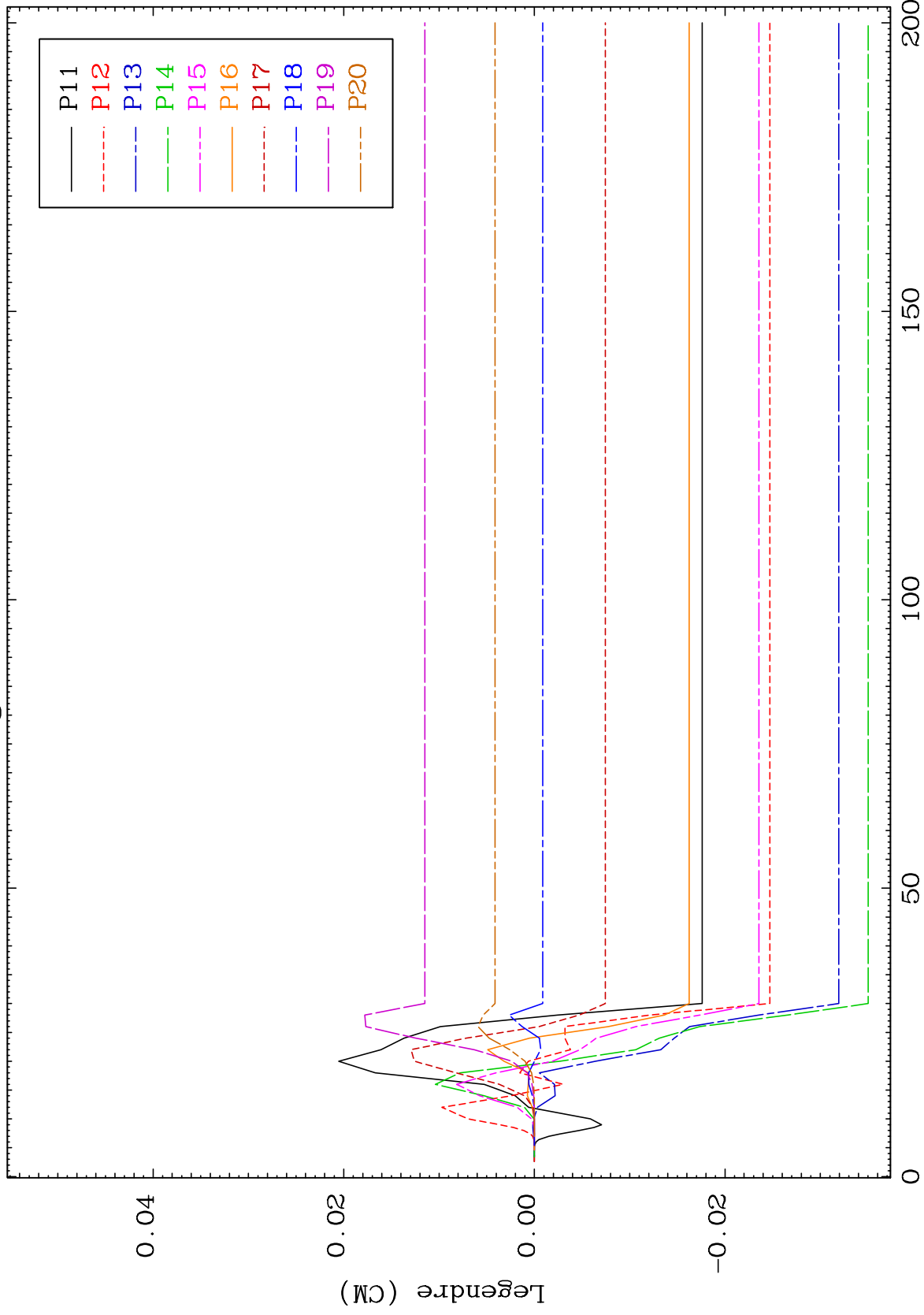


64

MAT 8049

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

80-Hg-204



65

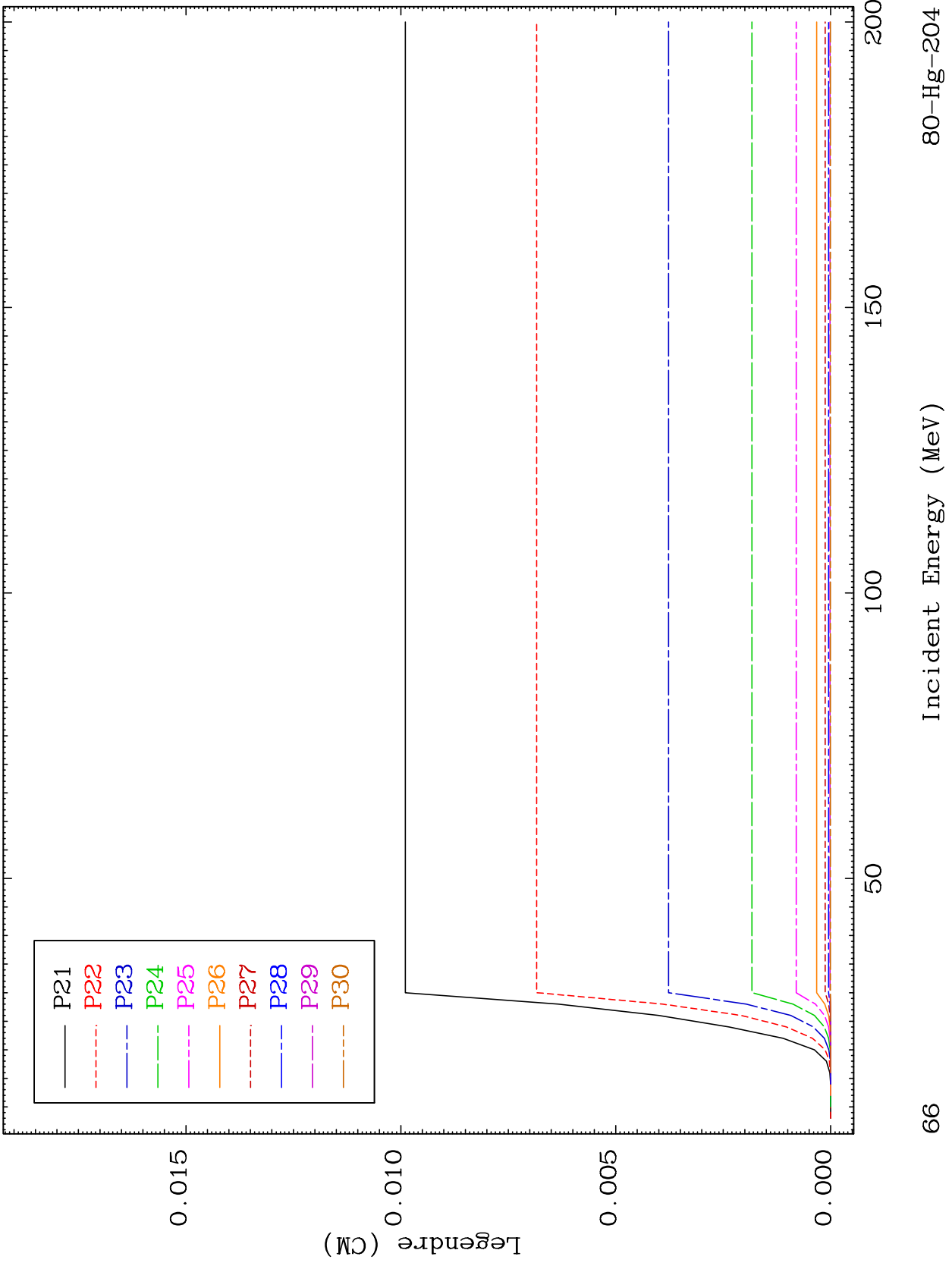
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

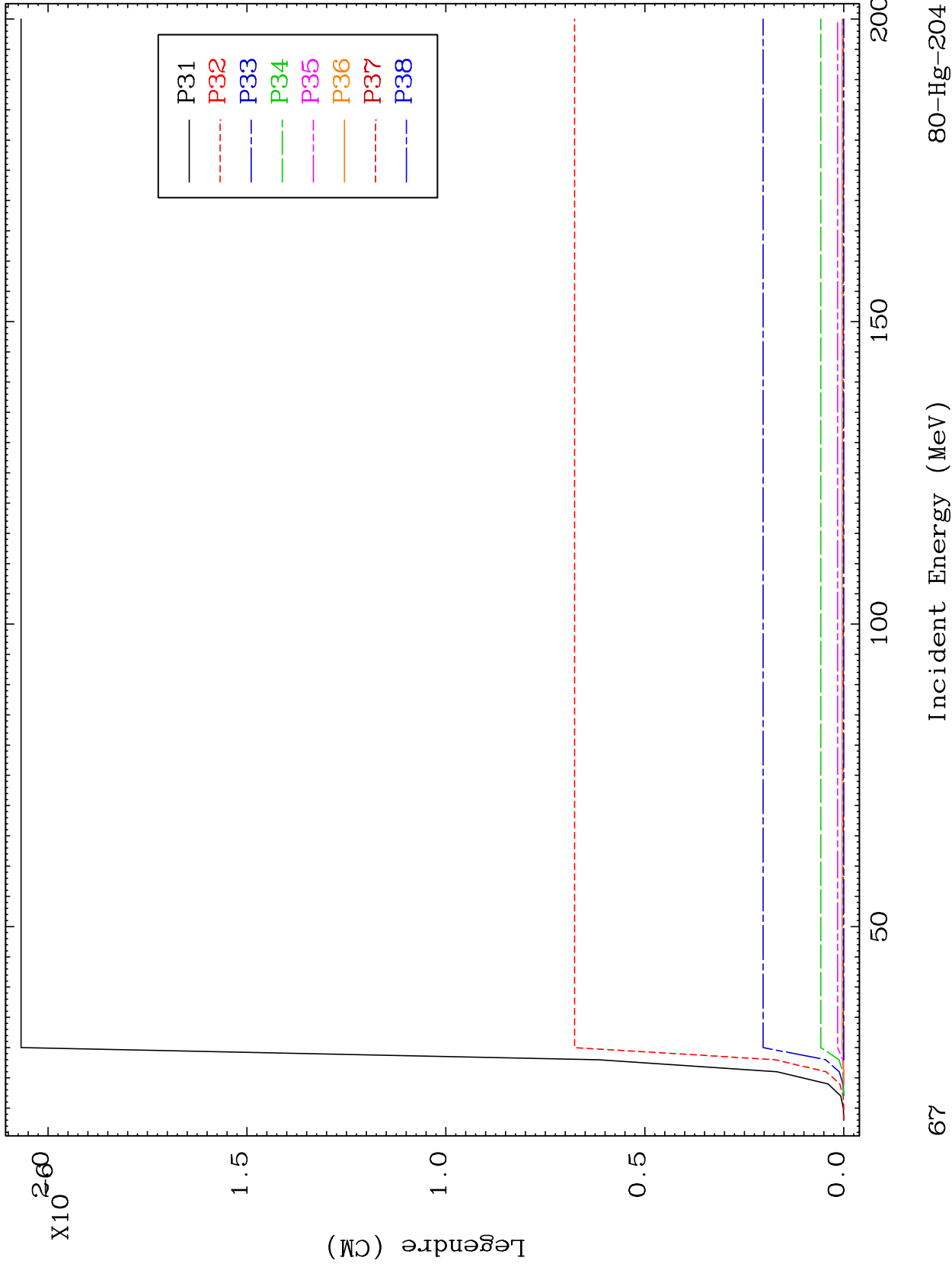
80-Hg-204



MAT 8049

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

80-Hg-204



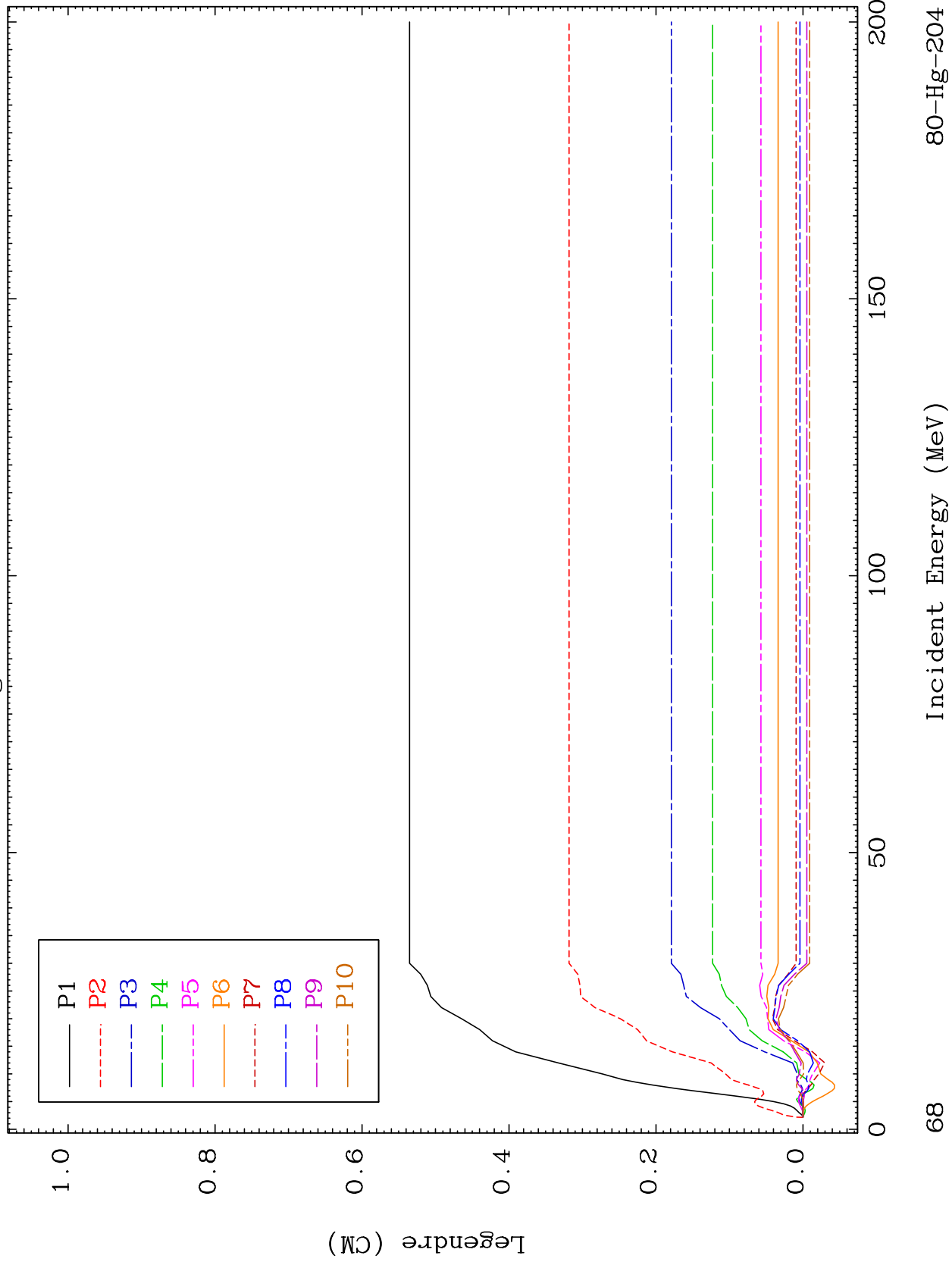
67

80-Hg-204

MAT 8049

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

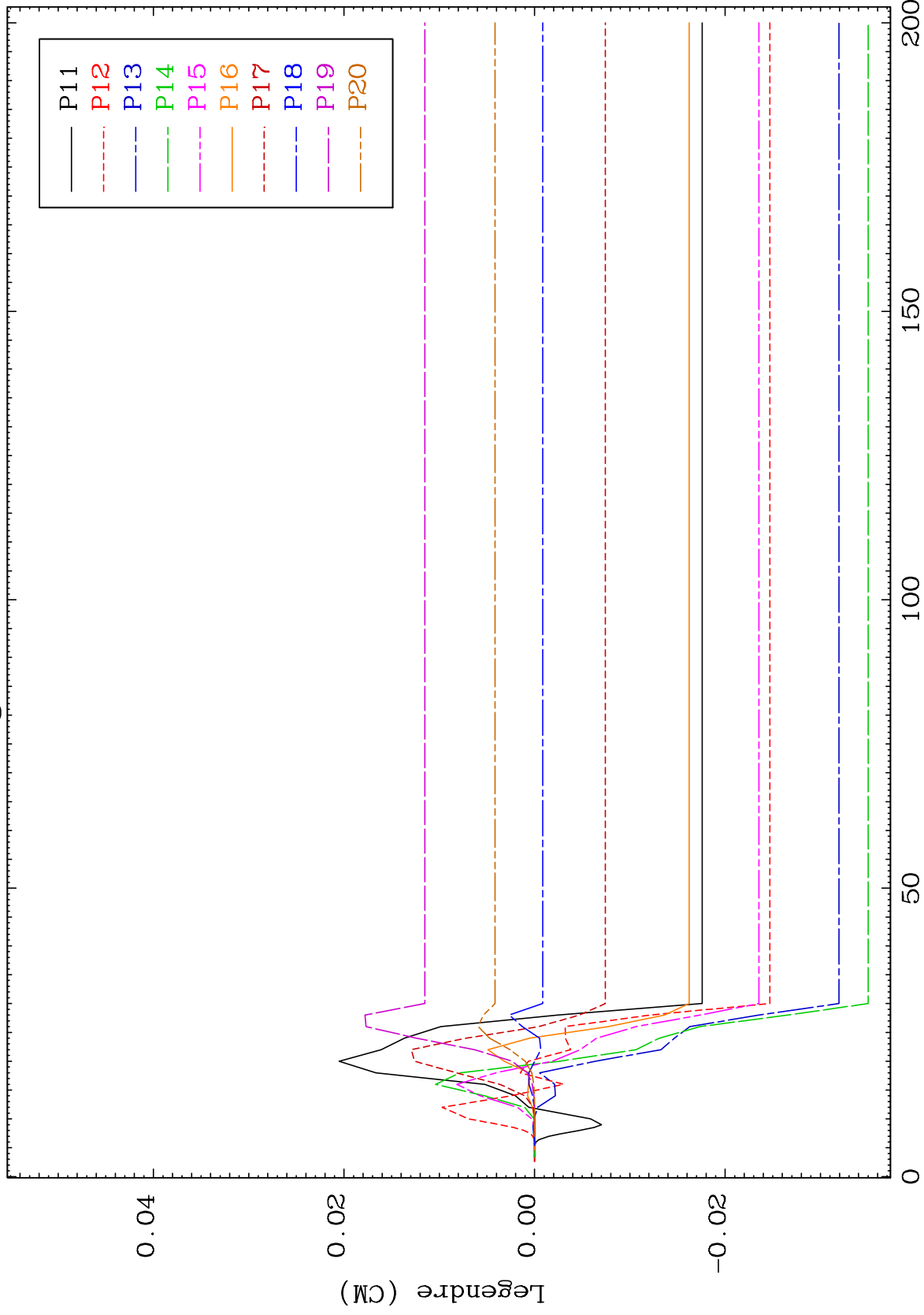
80-Hg-204



MAT 8049

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

80-Hg-204



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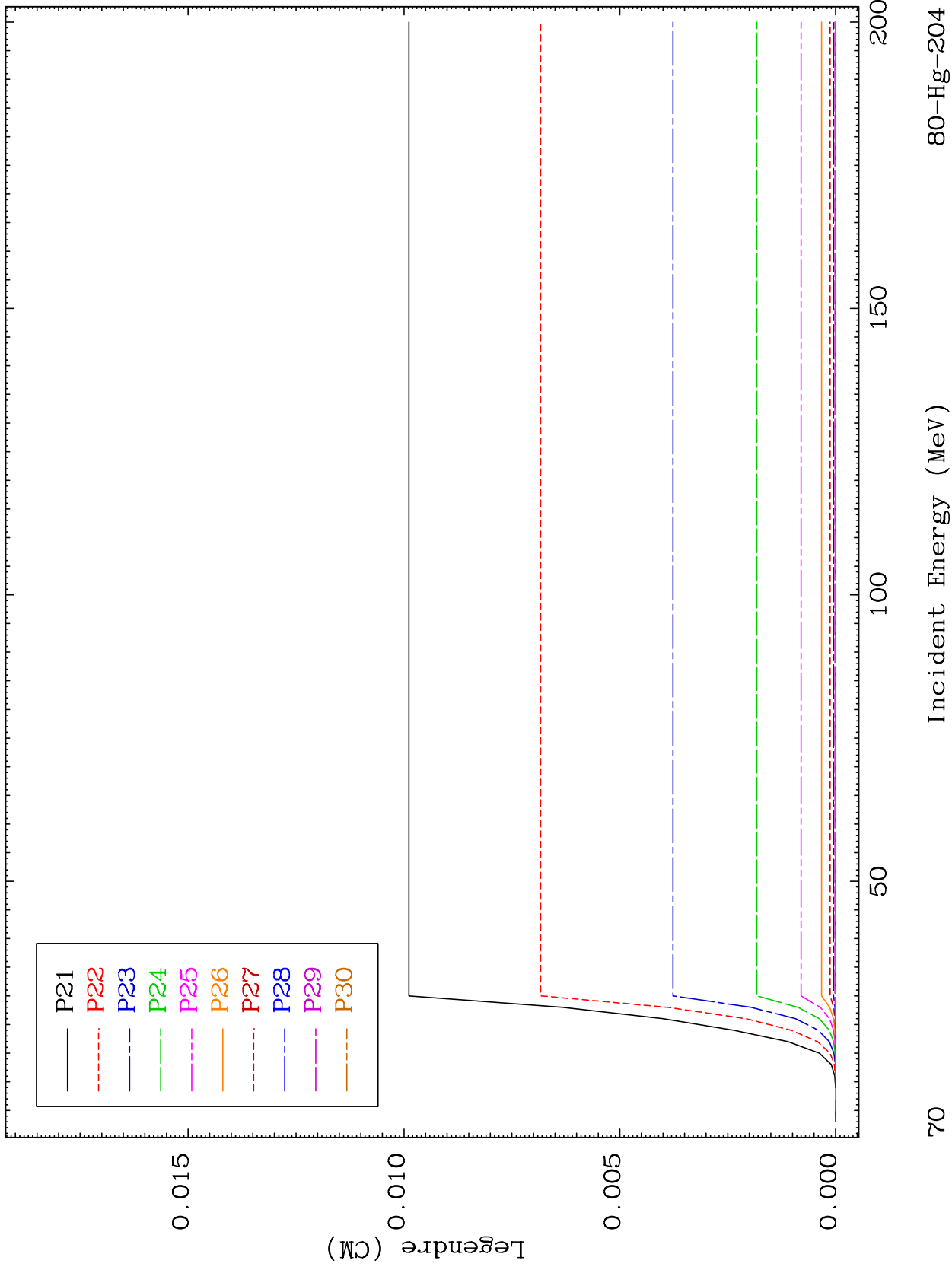
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



70

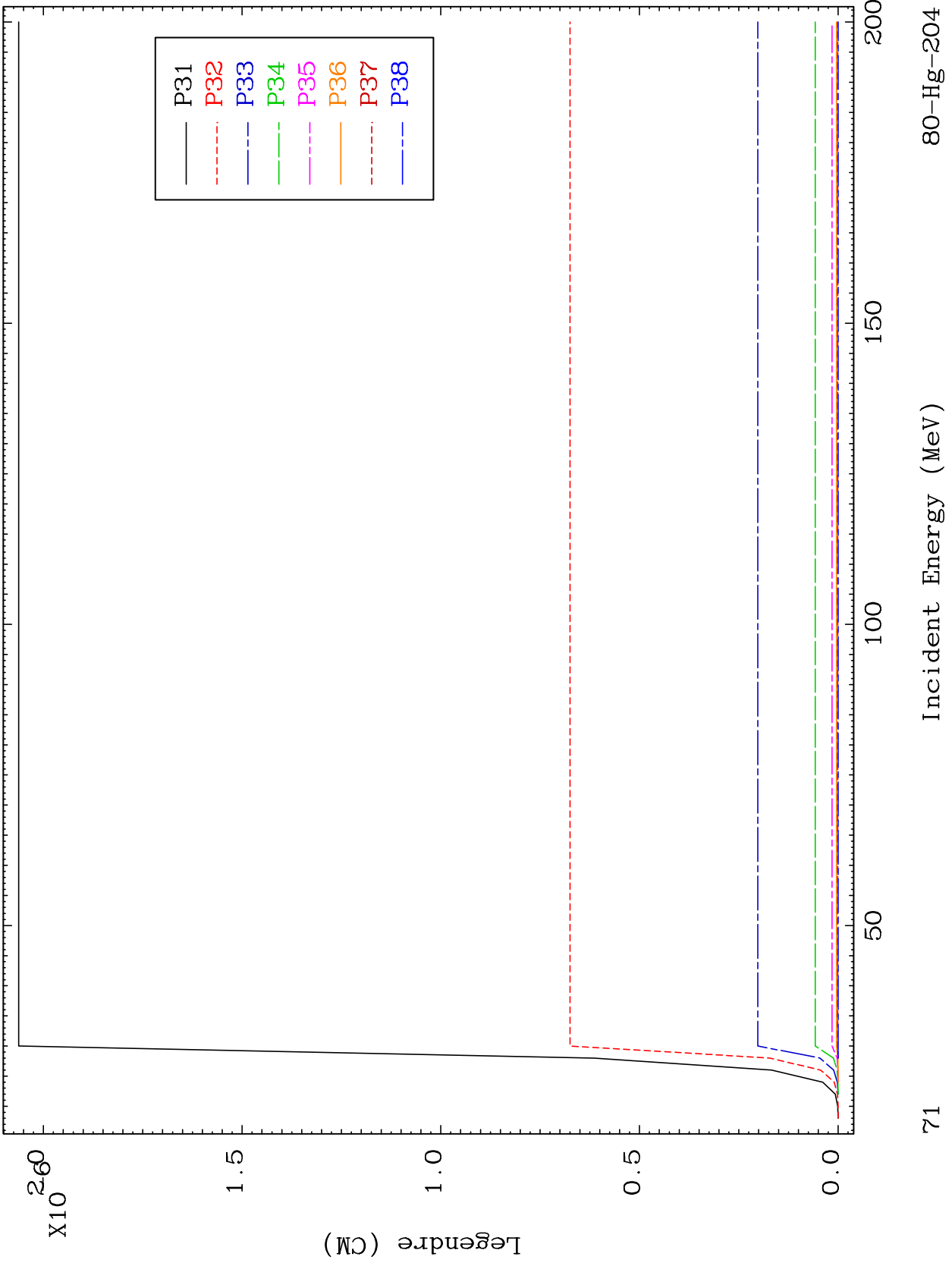
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



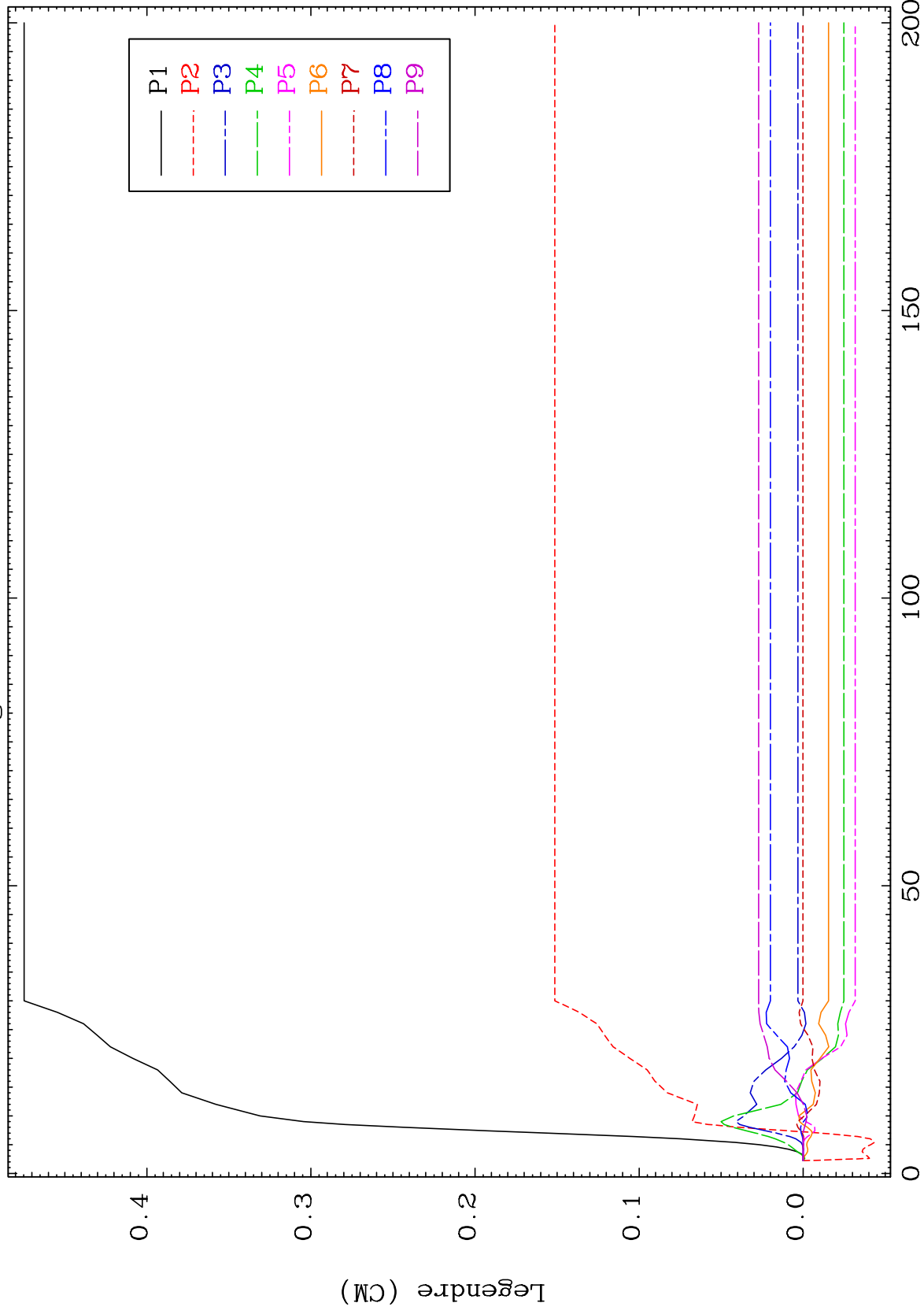
71



MAT 8049

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

80-Hg-204



72

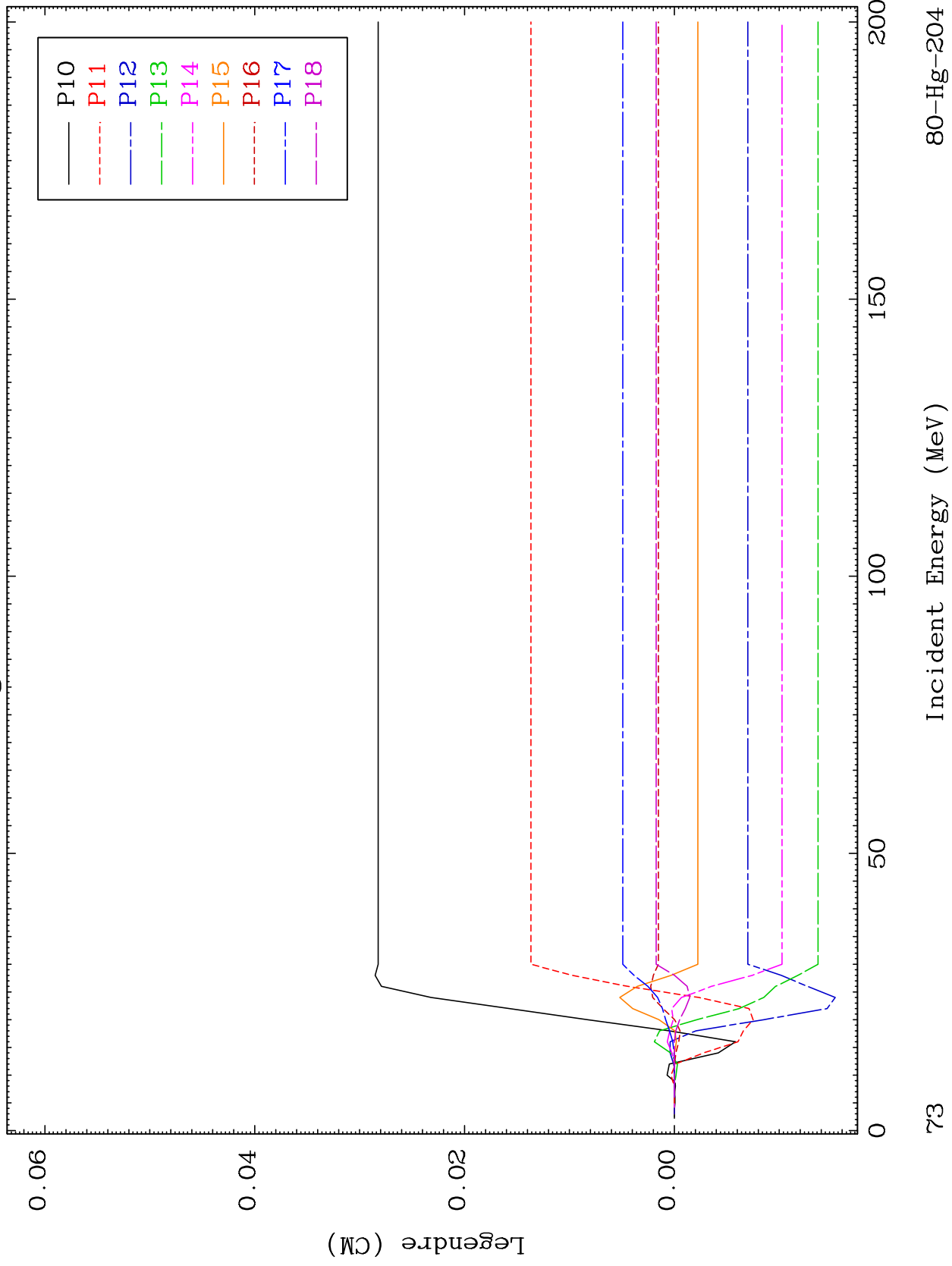
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



73

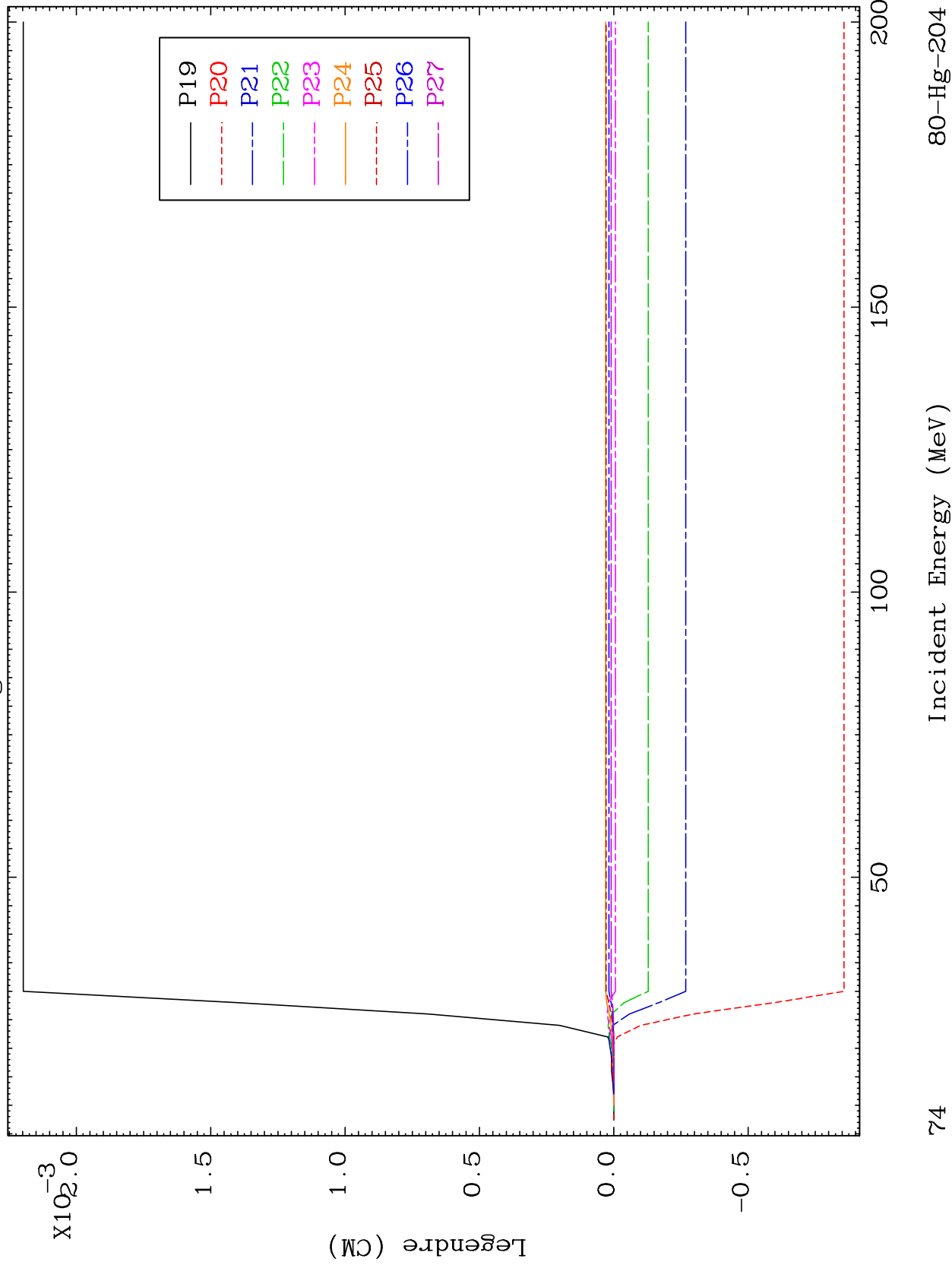
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



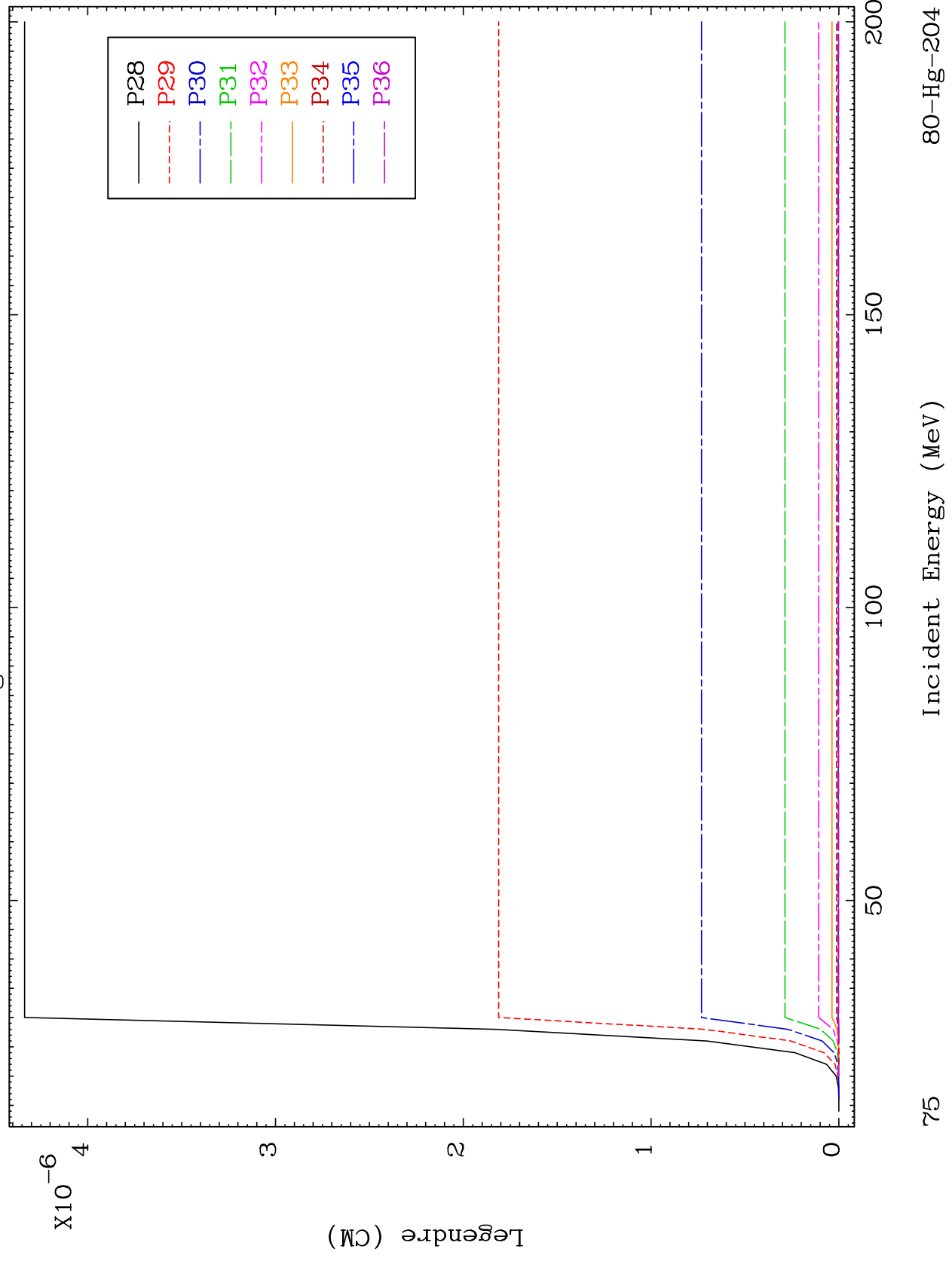
74

80-Hg-204

MAT 8049

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

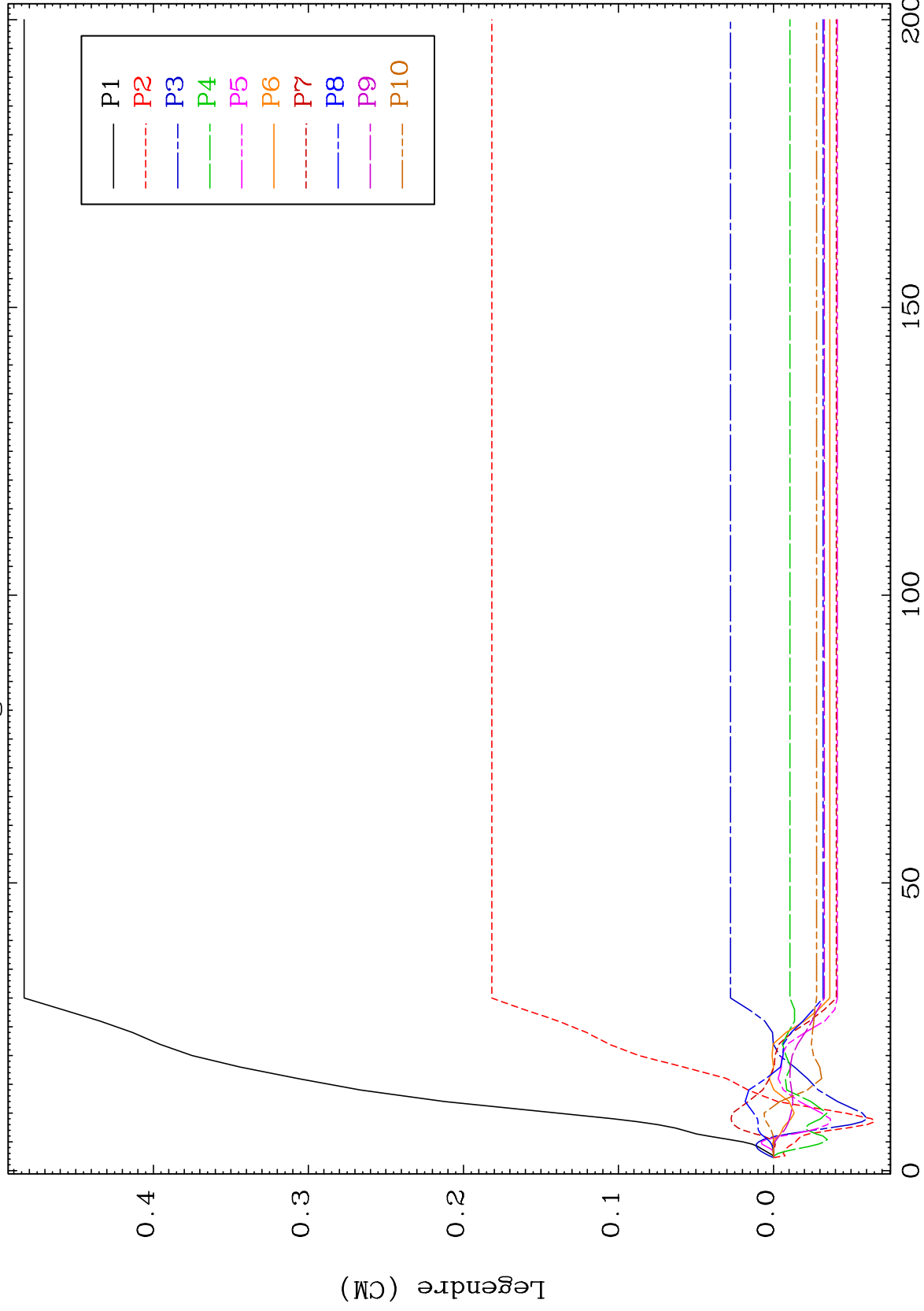
80-Hg-204



MAT 8049

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

80-Hg-204



76

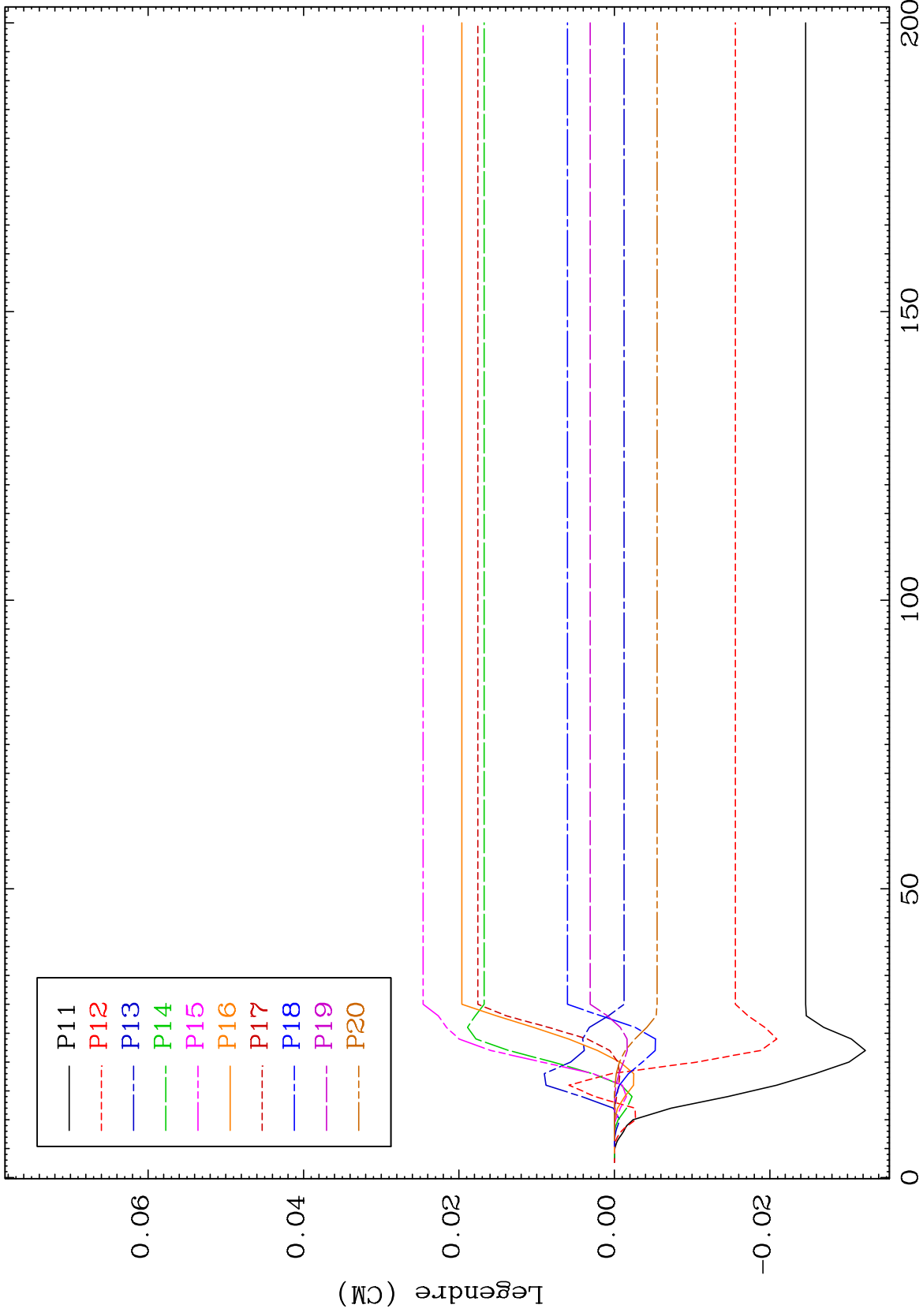
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



77

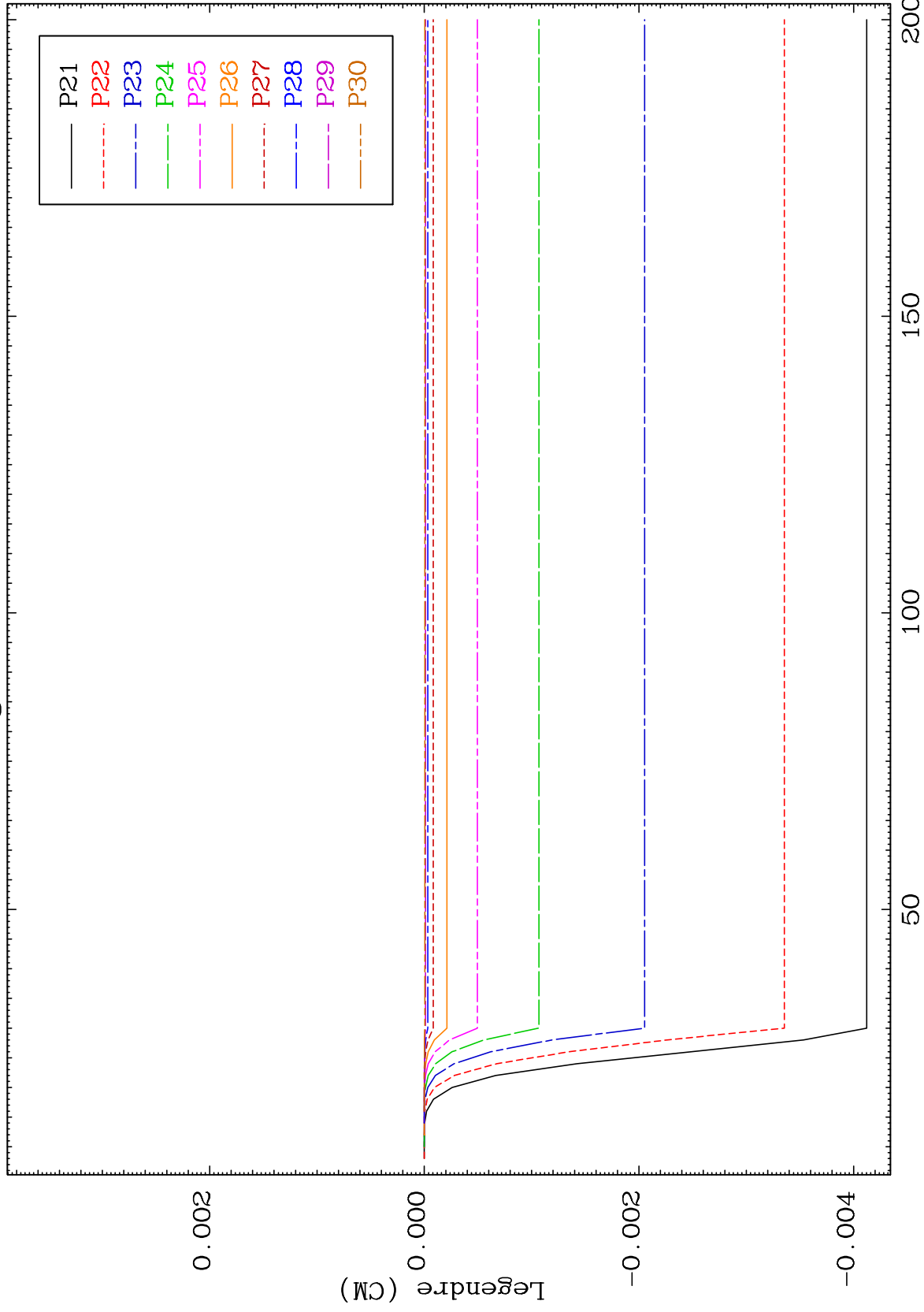
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

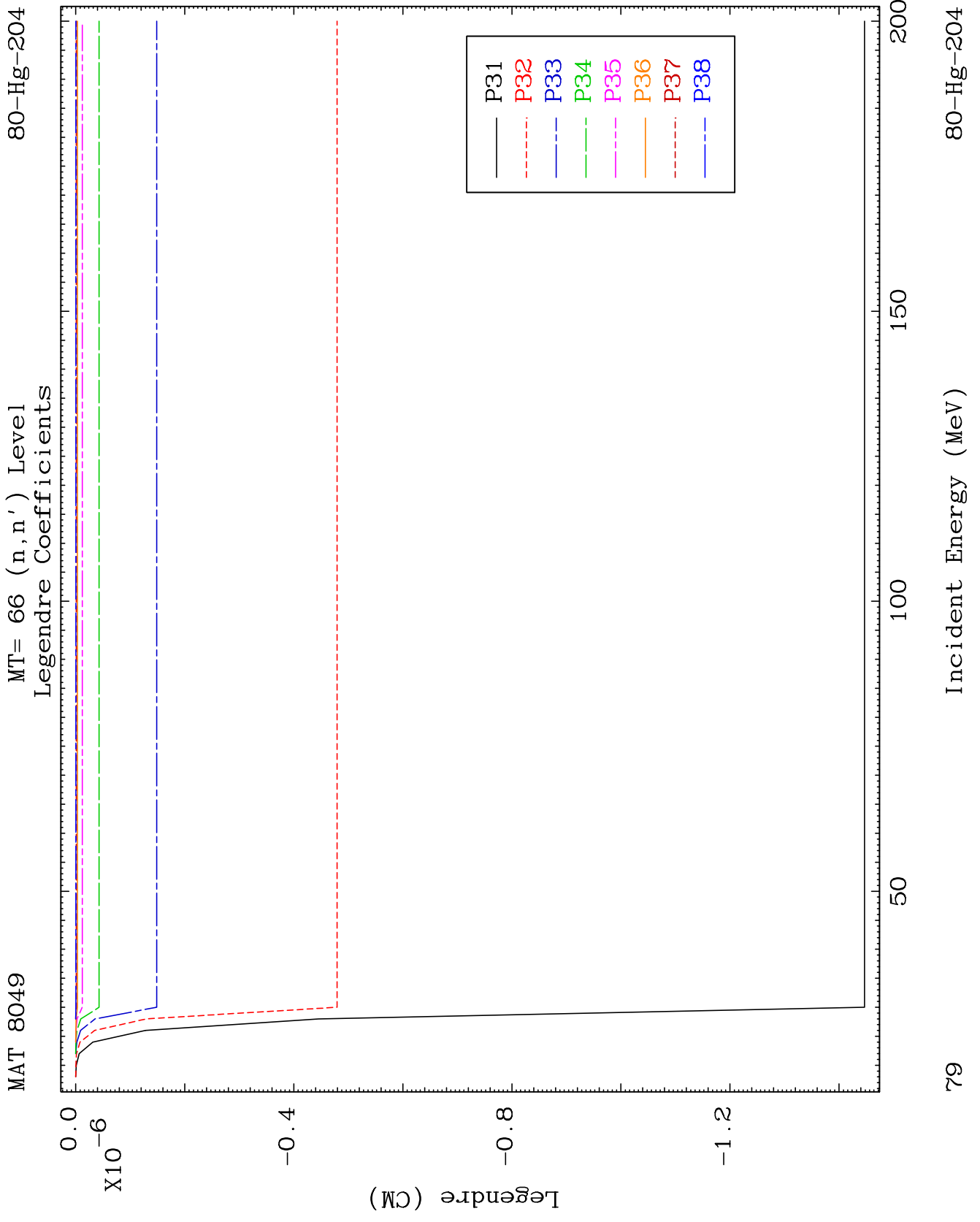
80-Hg-204



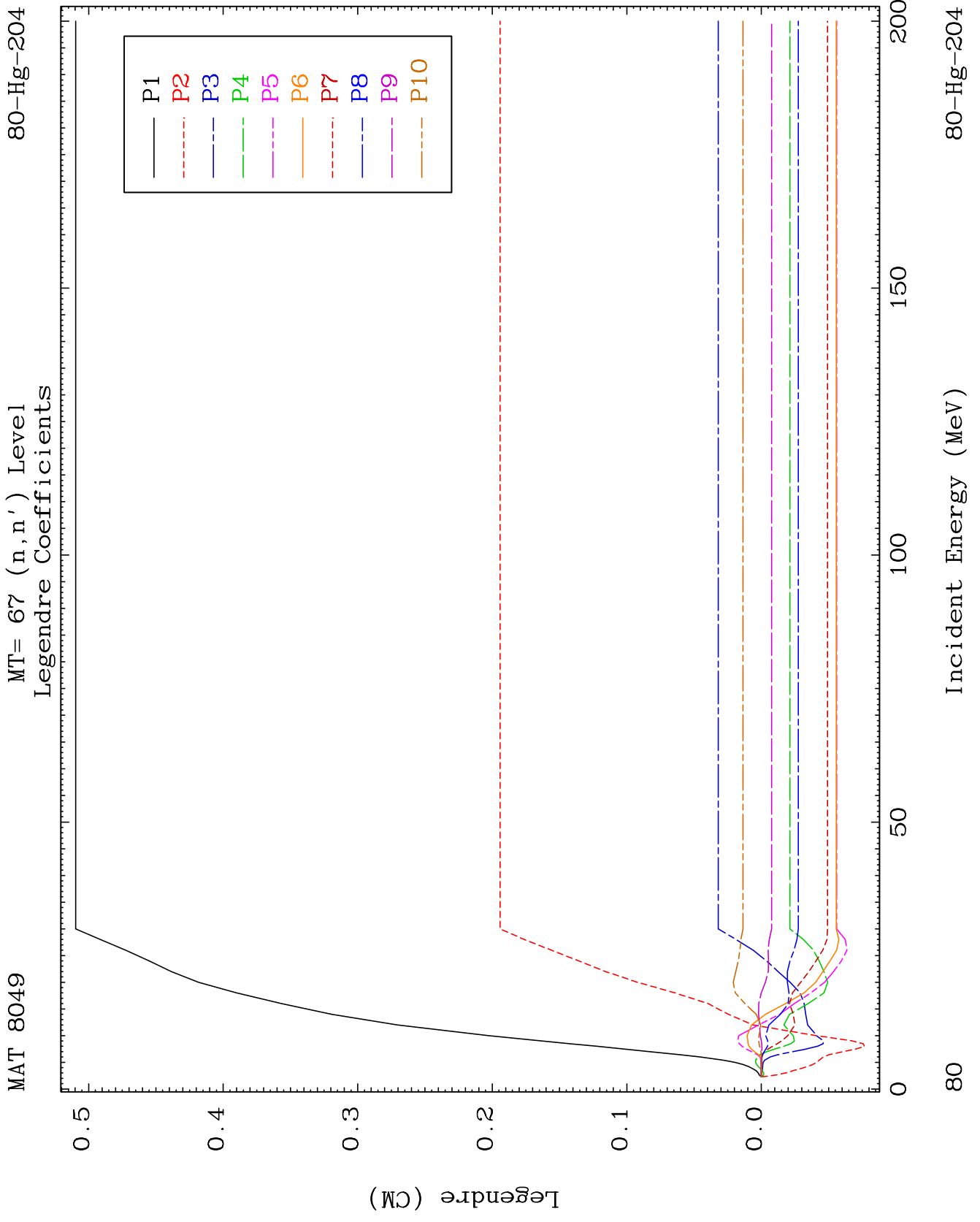
78

Incident Energy (MeV)

80-Hg-204



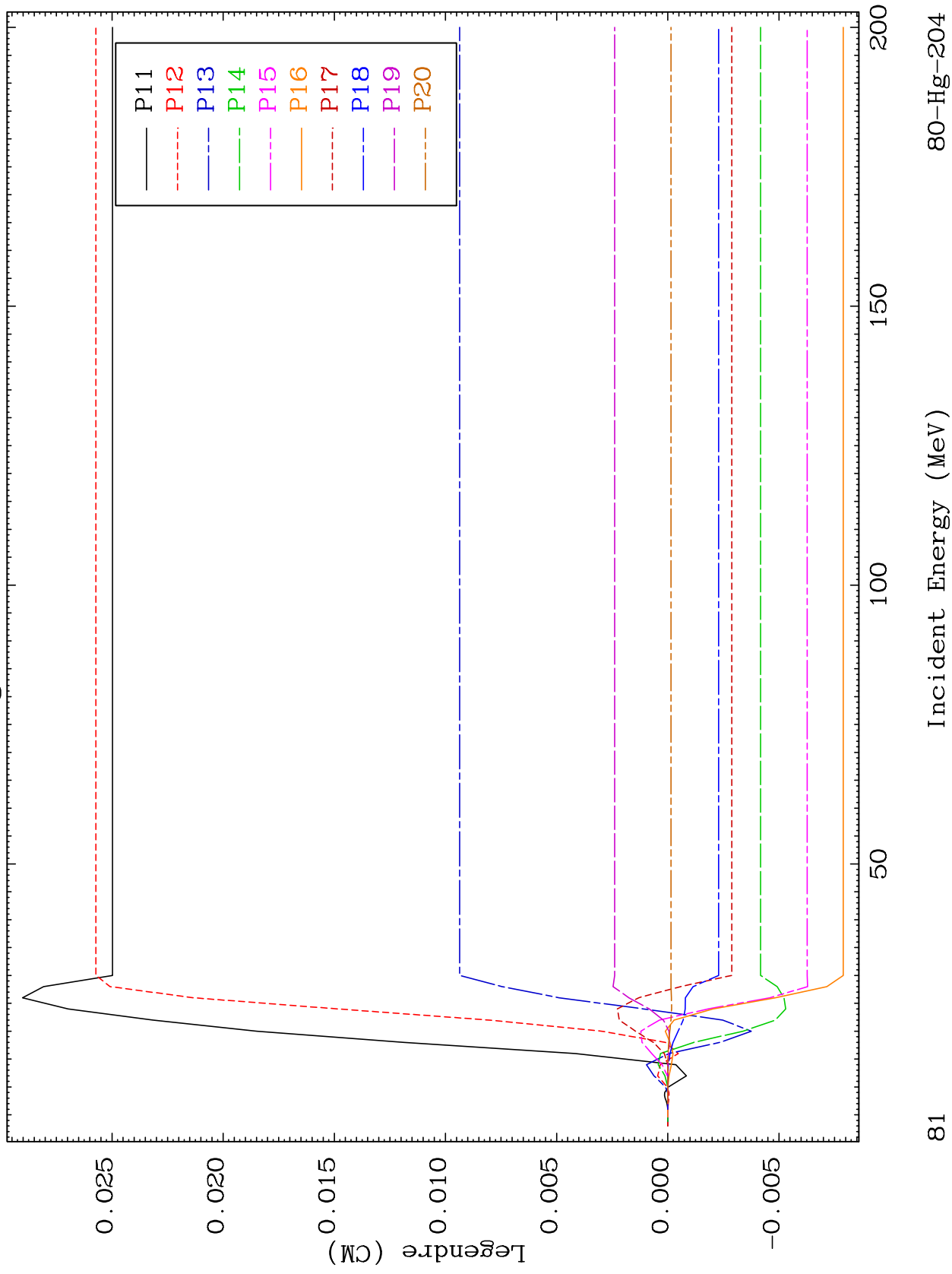




MAT 8049

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

80-Hg-204



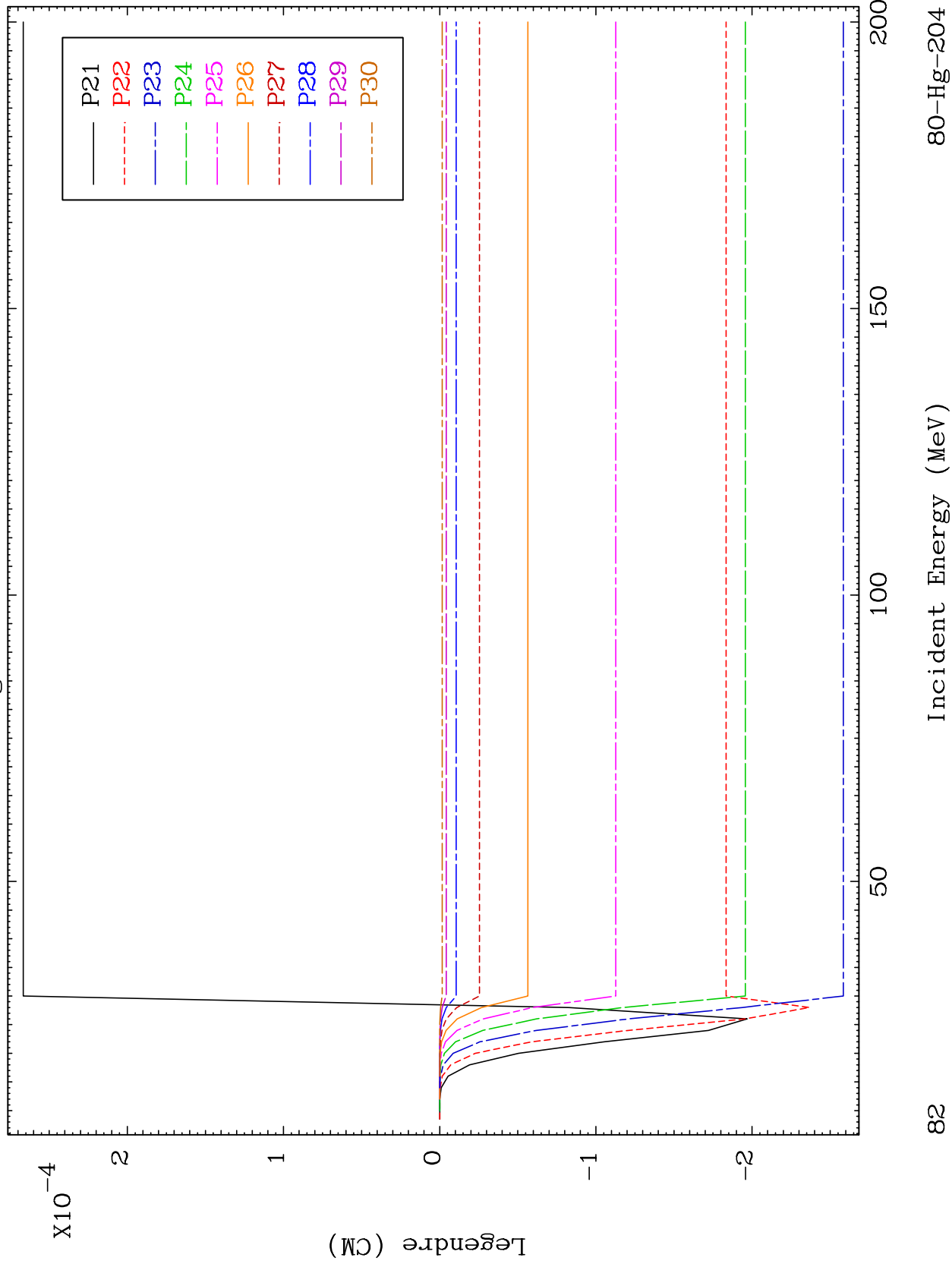
81

80-Hg-204

MAT 8049

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

80-Hg-204

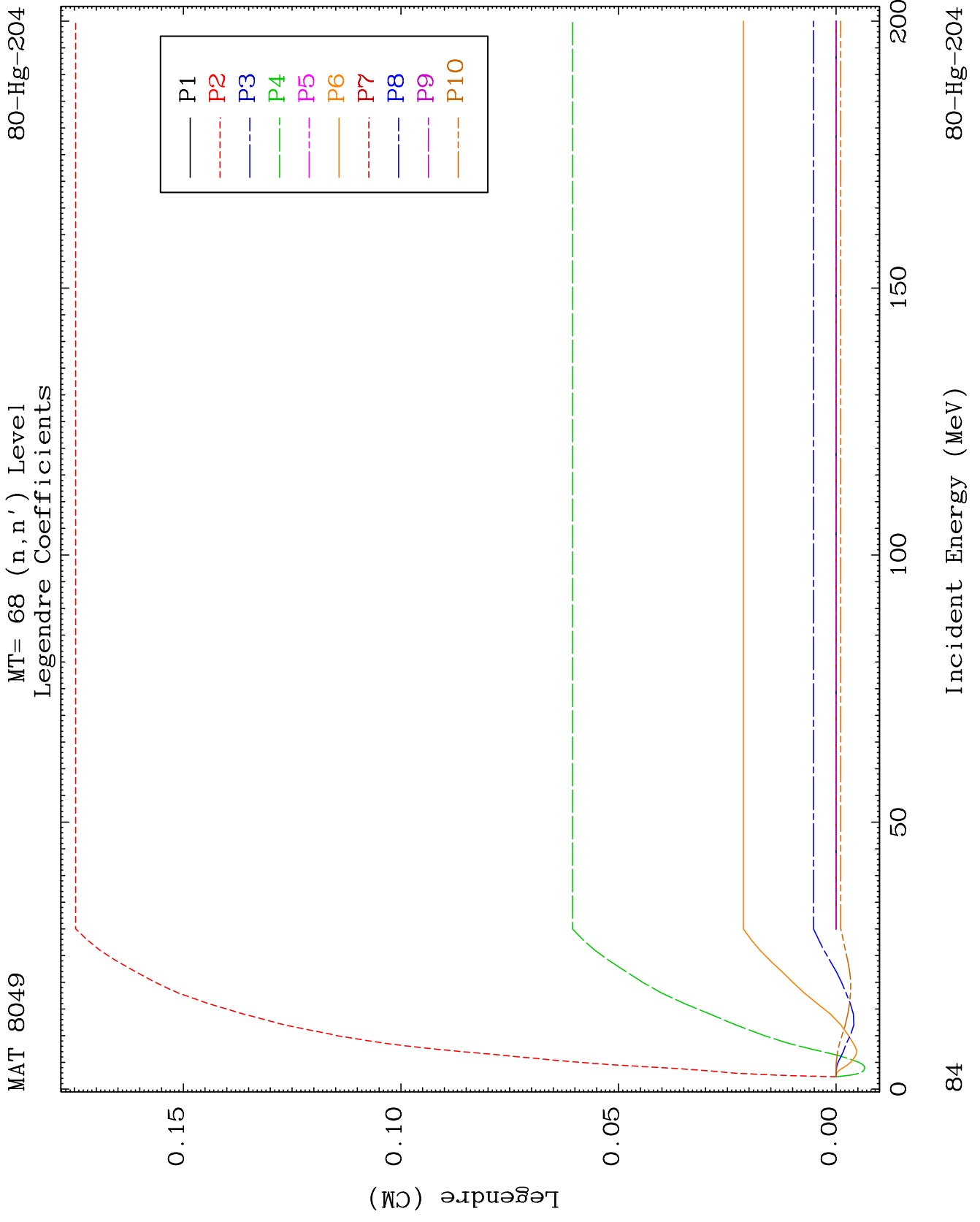


82

Incident Energy (MeV)

80-Hg-204

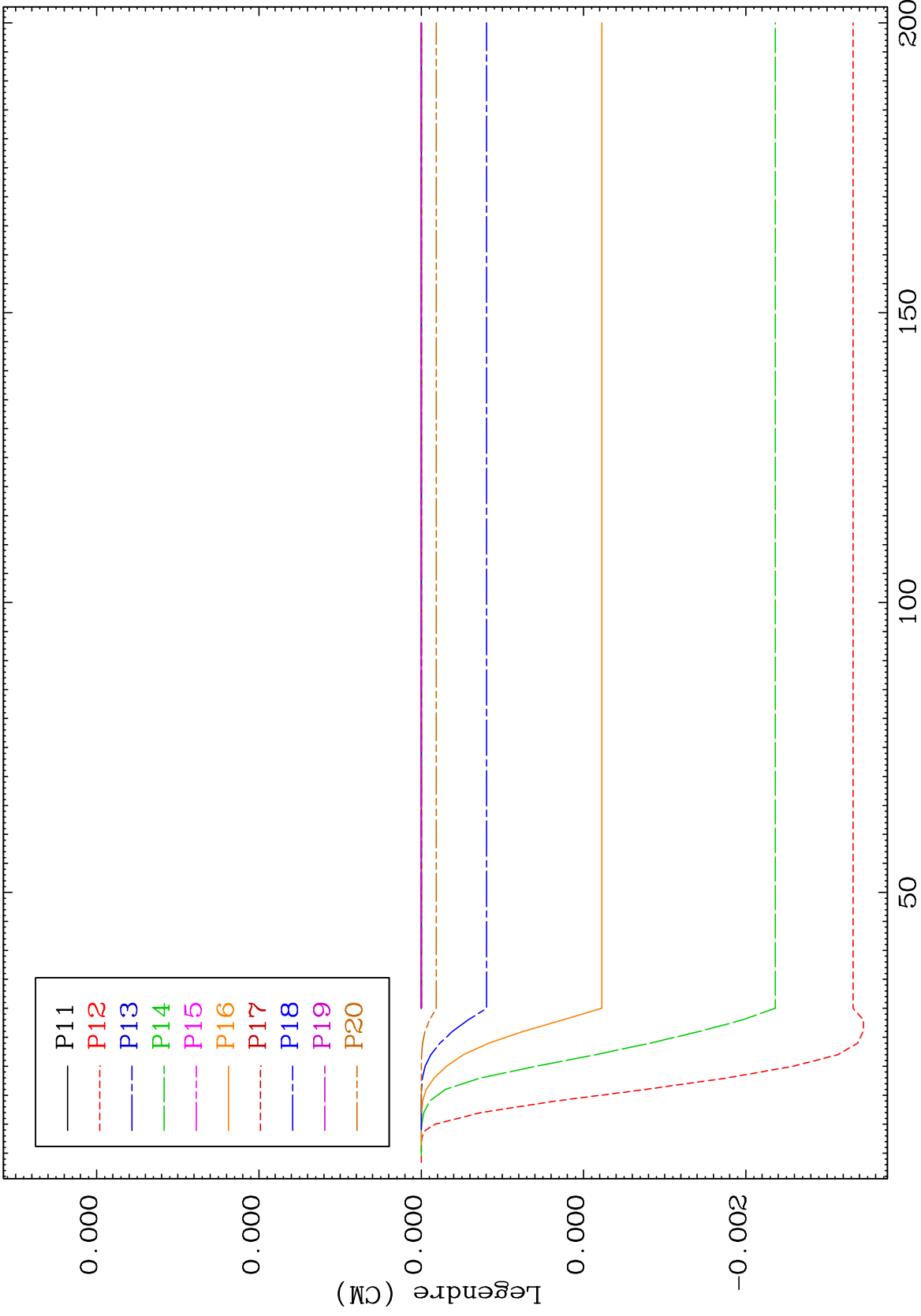




MAT 8049

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

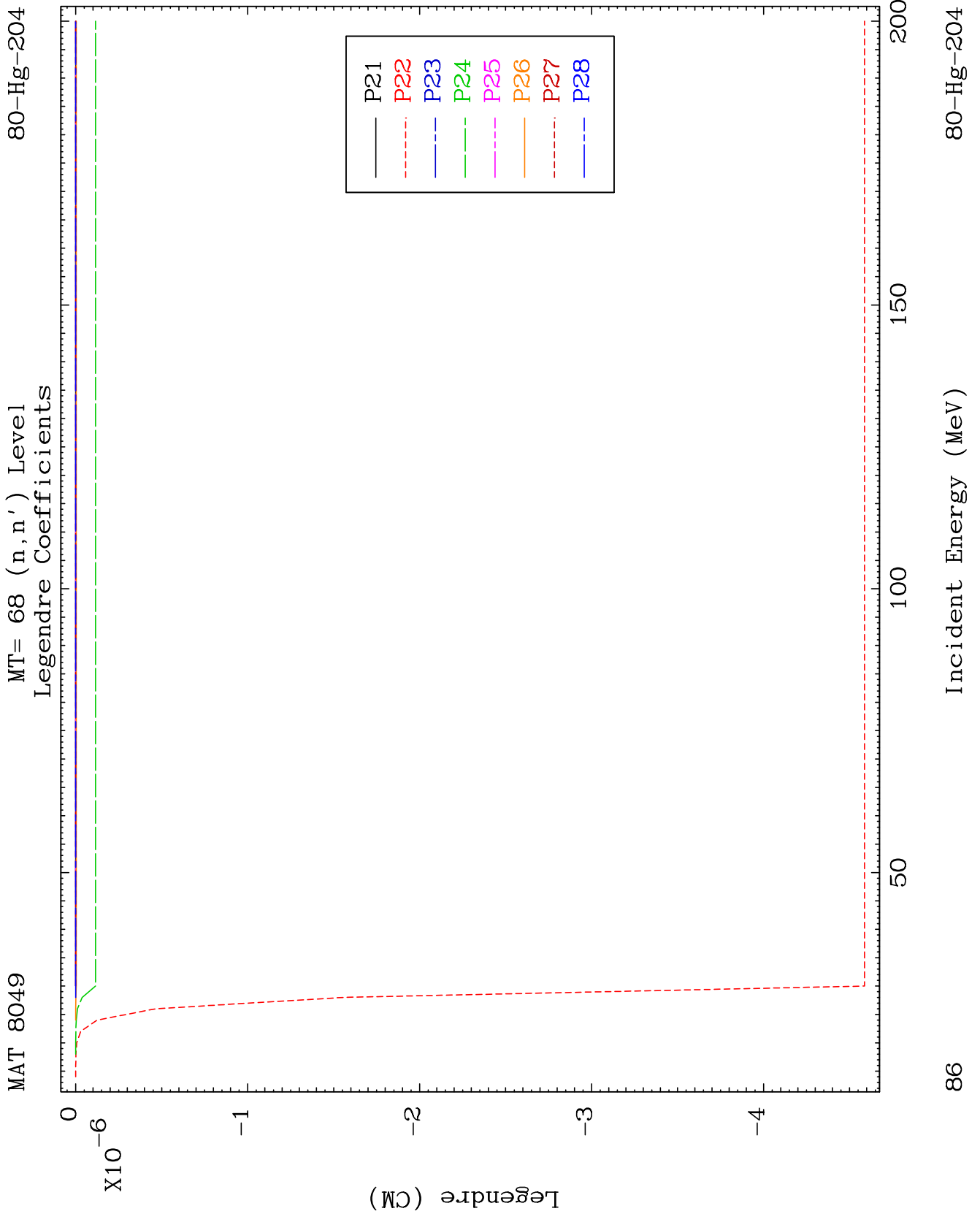
80-Hg-204

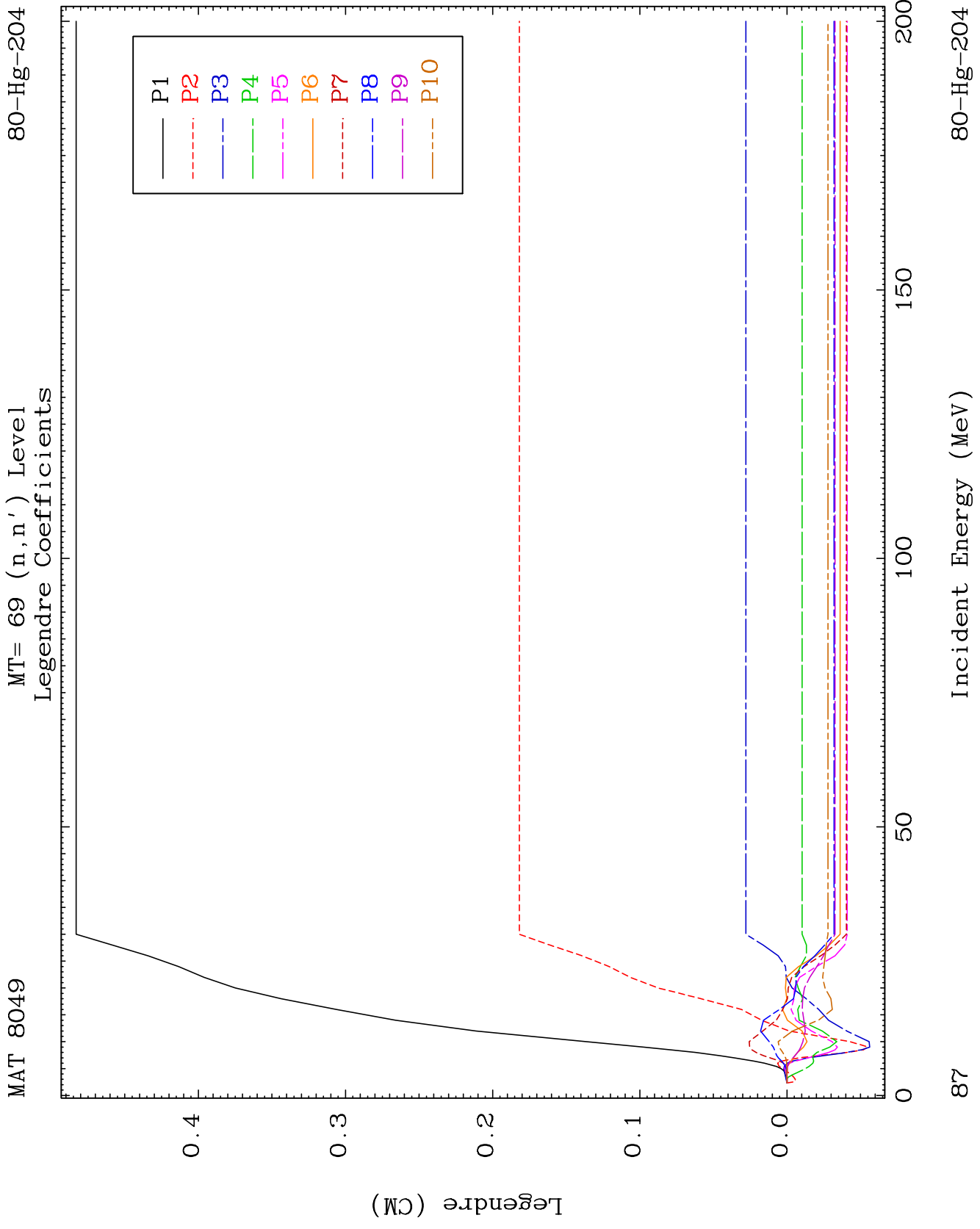


85

Incident Energy (MeV)

80-Hg-204



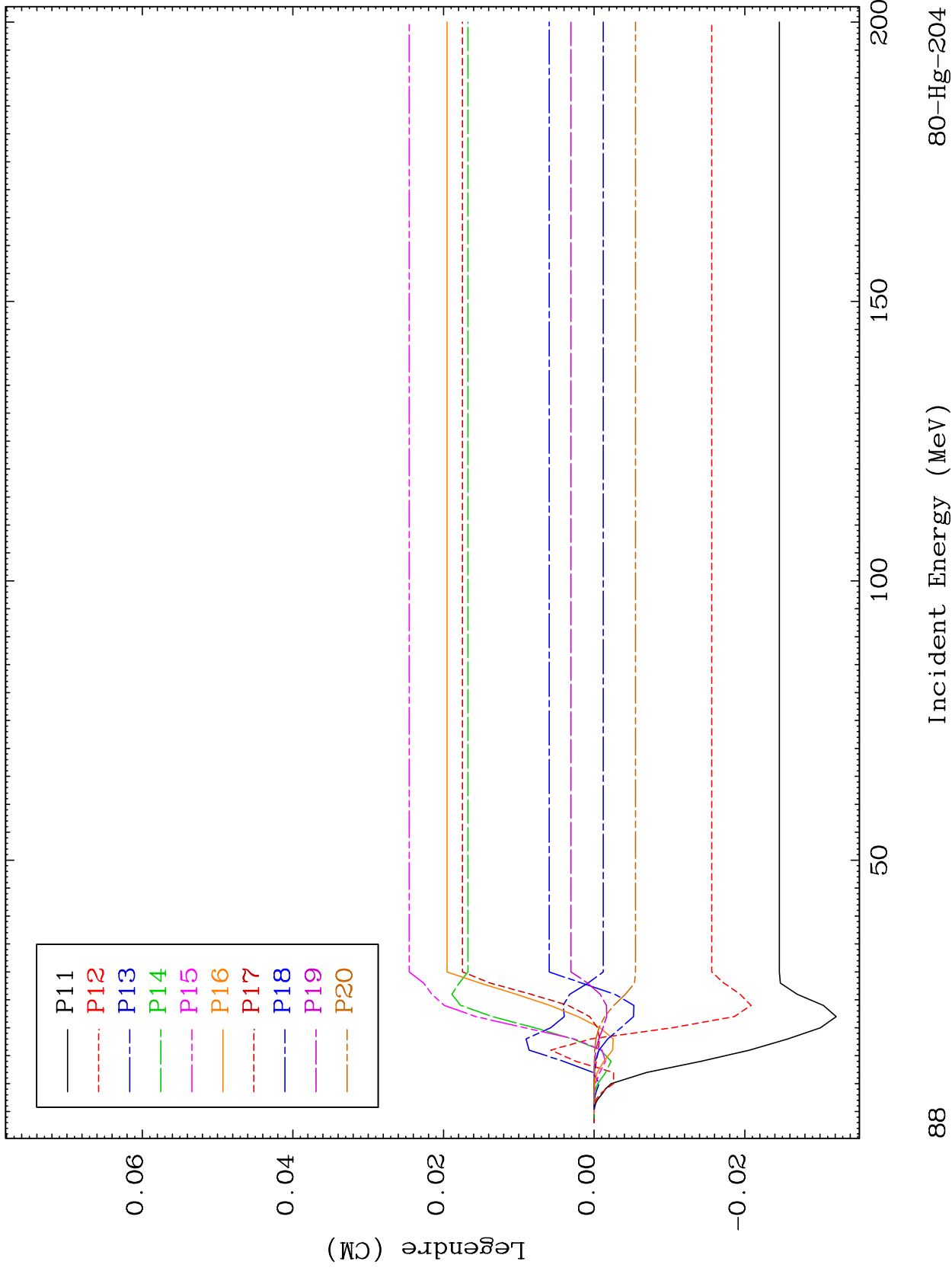




MAT 8049

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

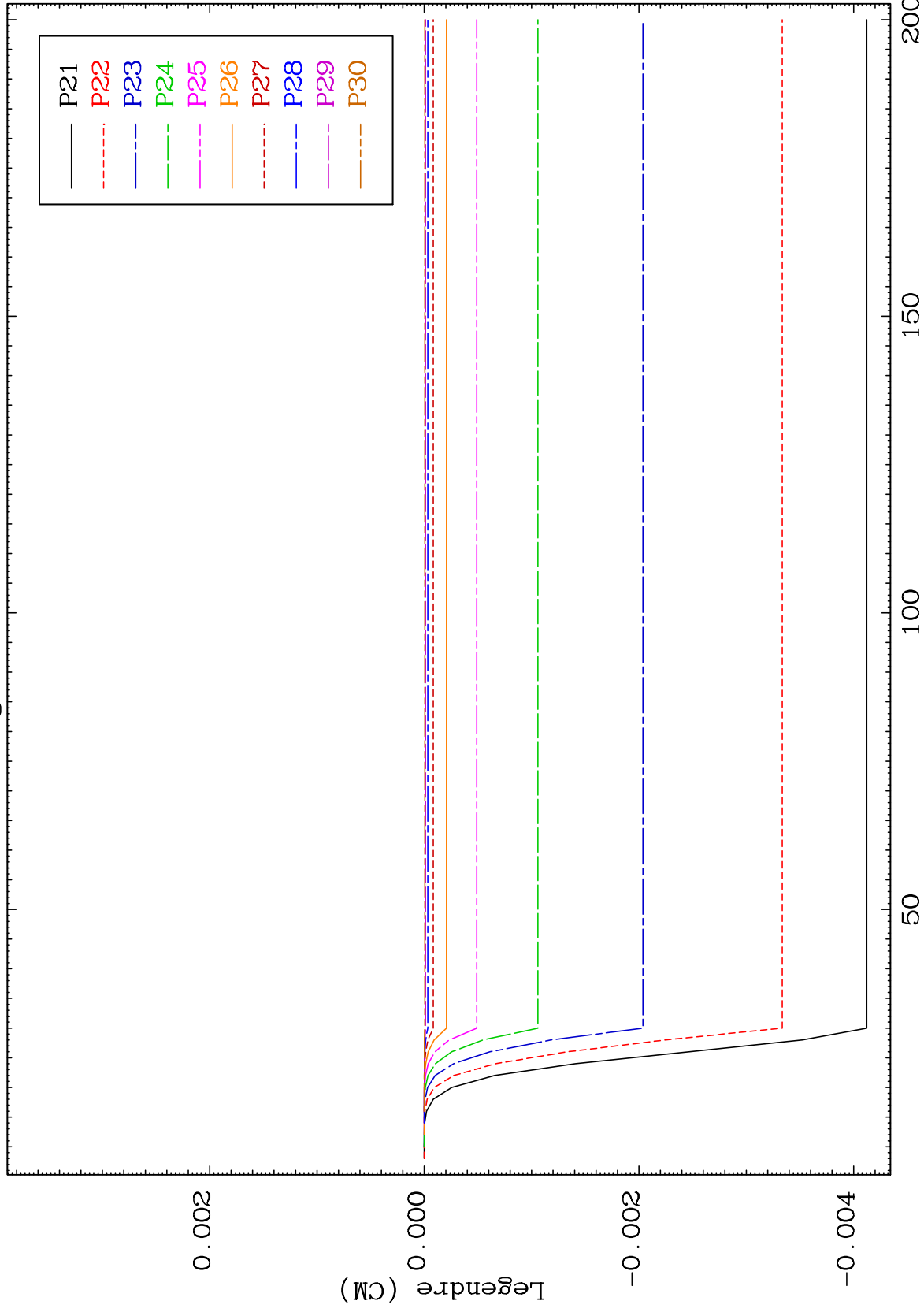
80-Hg-204



MAT 8049

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

80-Hg-204

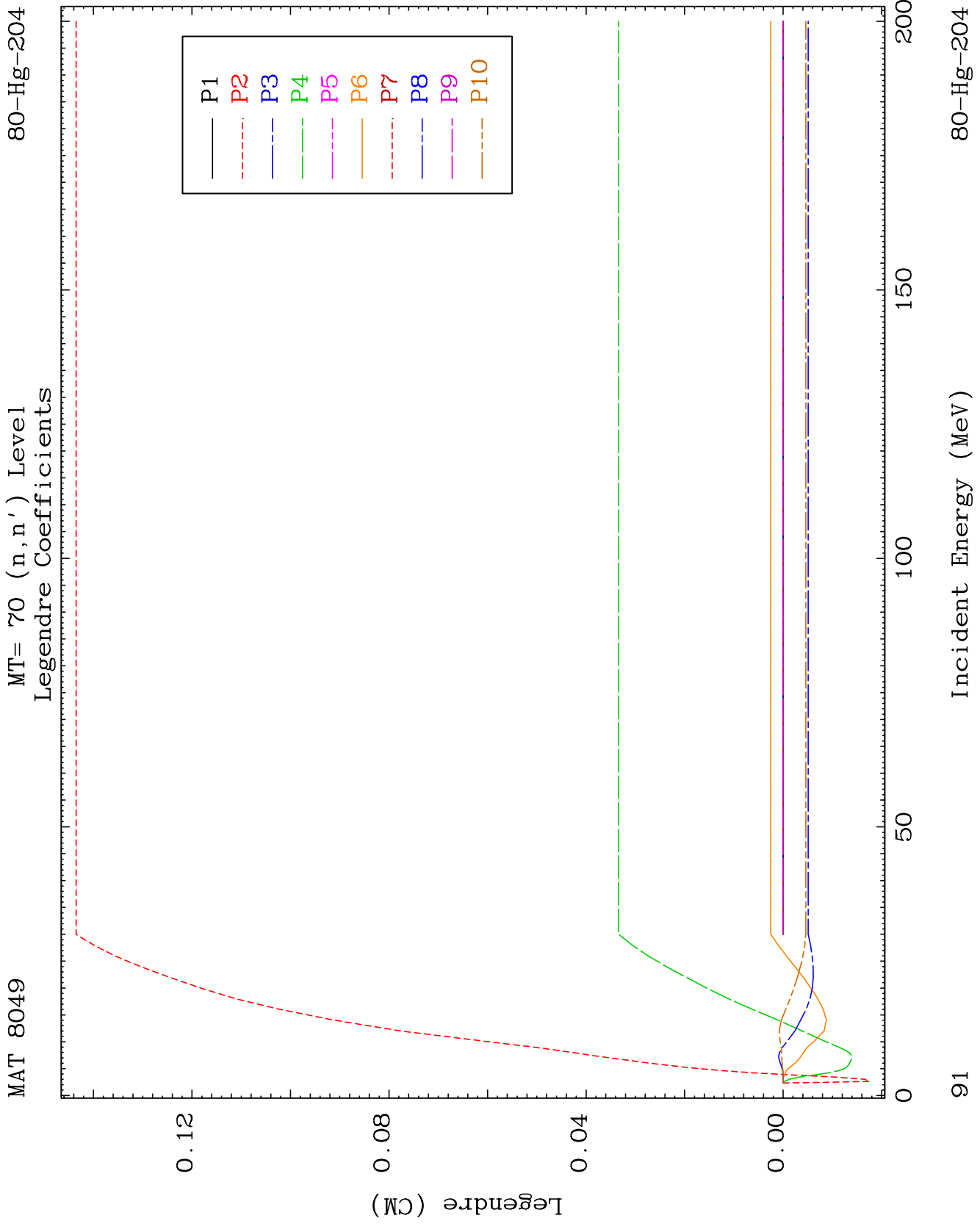


89

Incident Energy (MeV)

80-Hg-204

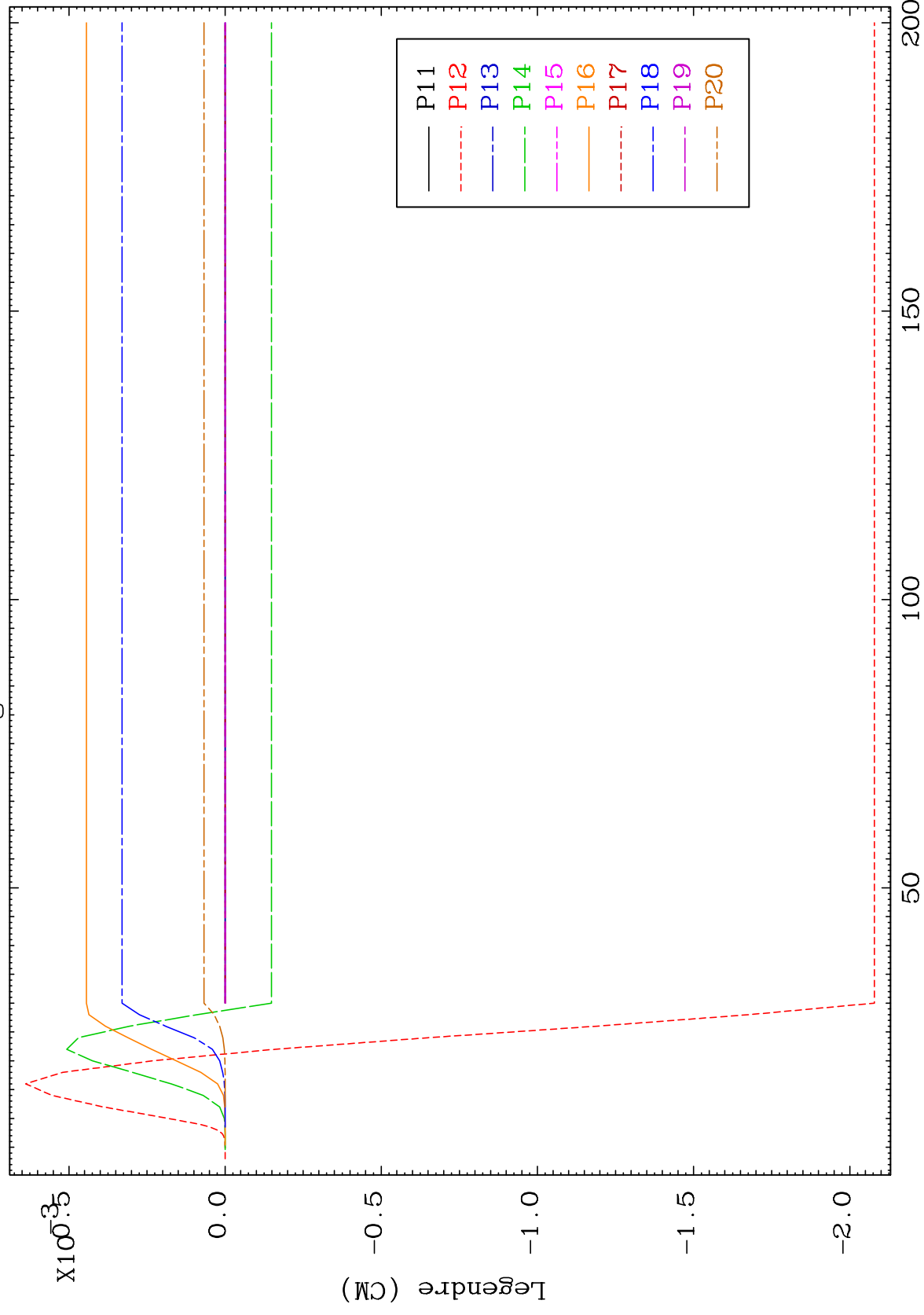




MAT 8049

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

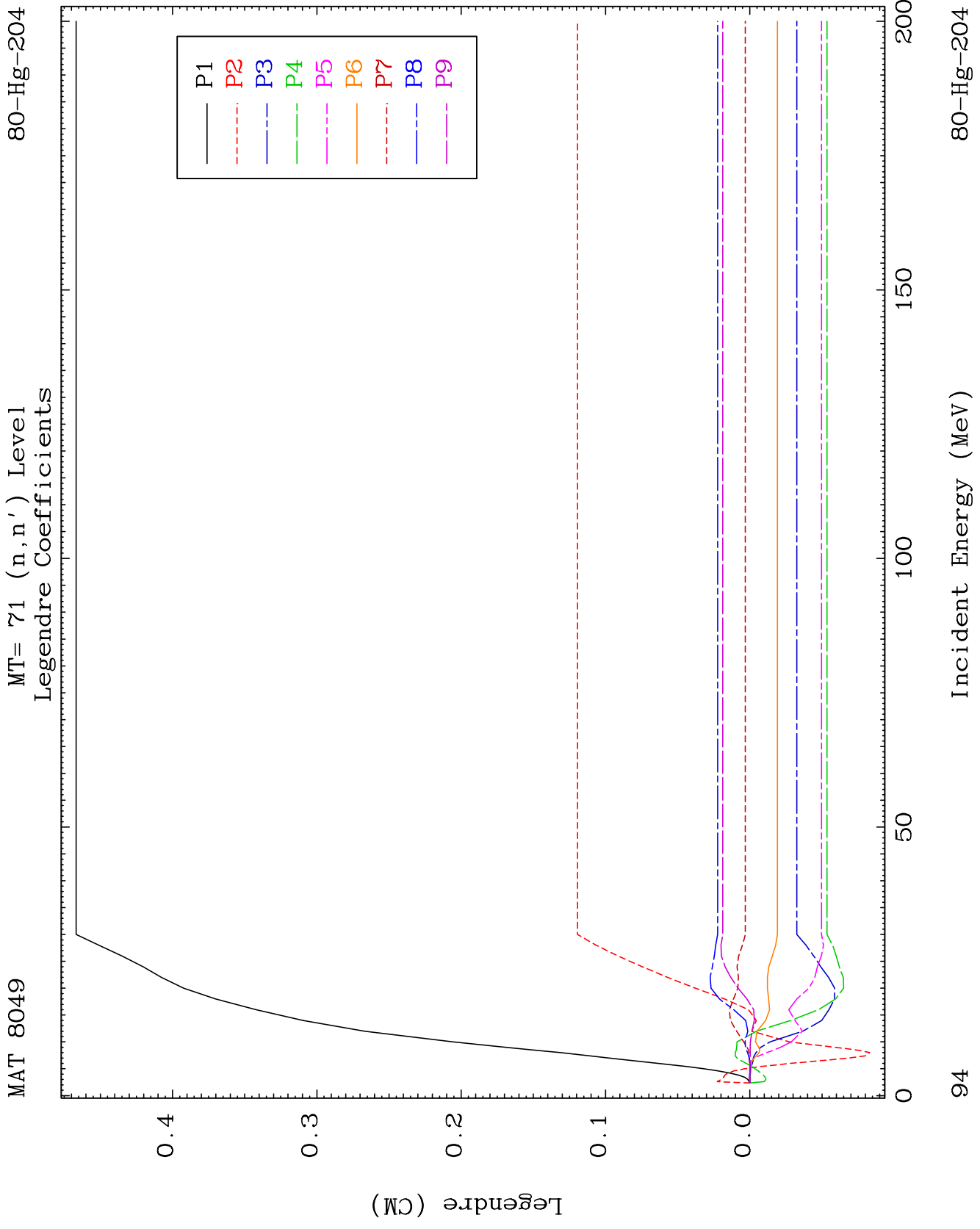
80-Hg-204



92

80-Hg-204

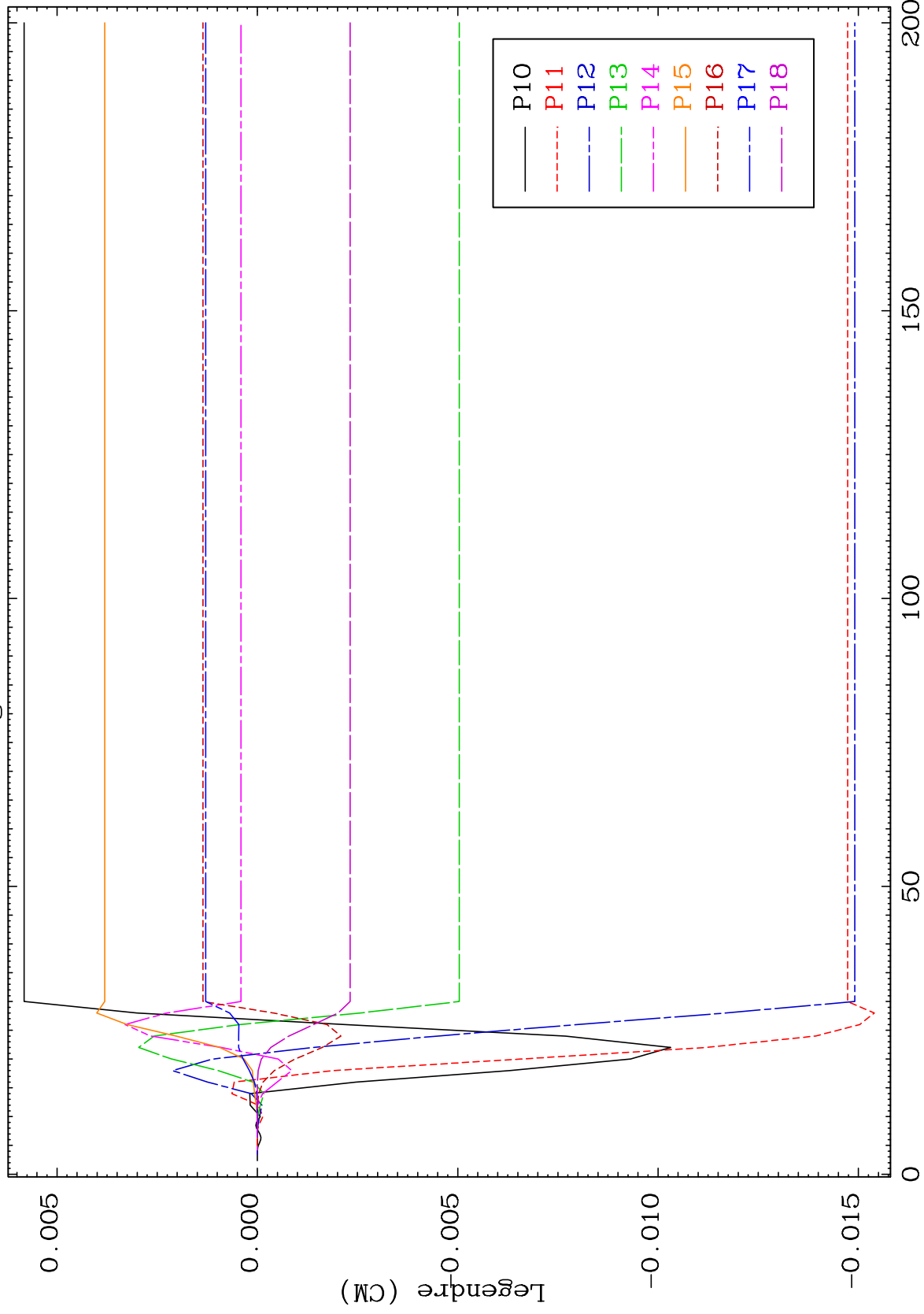




MAT 8049

MT= 71 (n,n') Level  
Legendre Coefficients

80-Hg-204

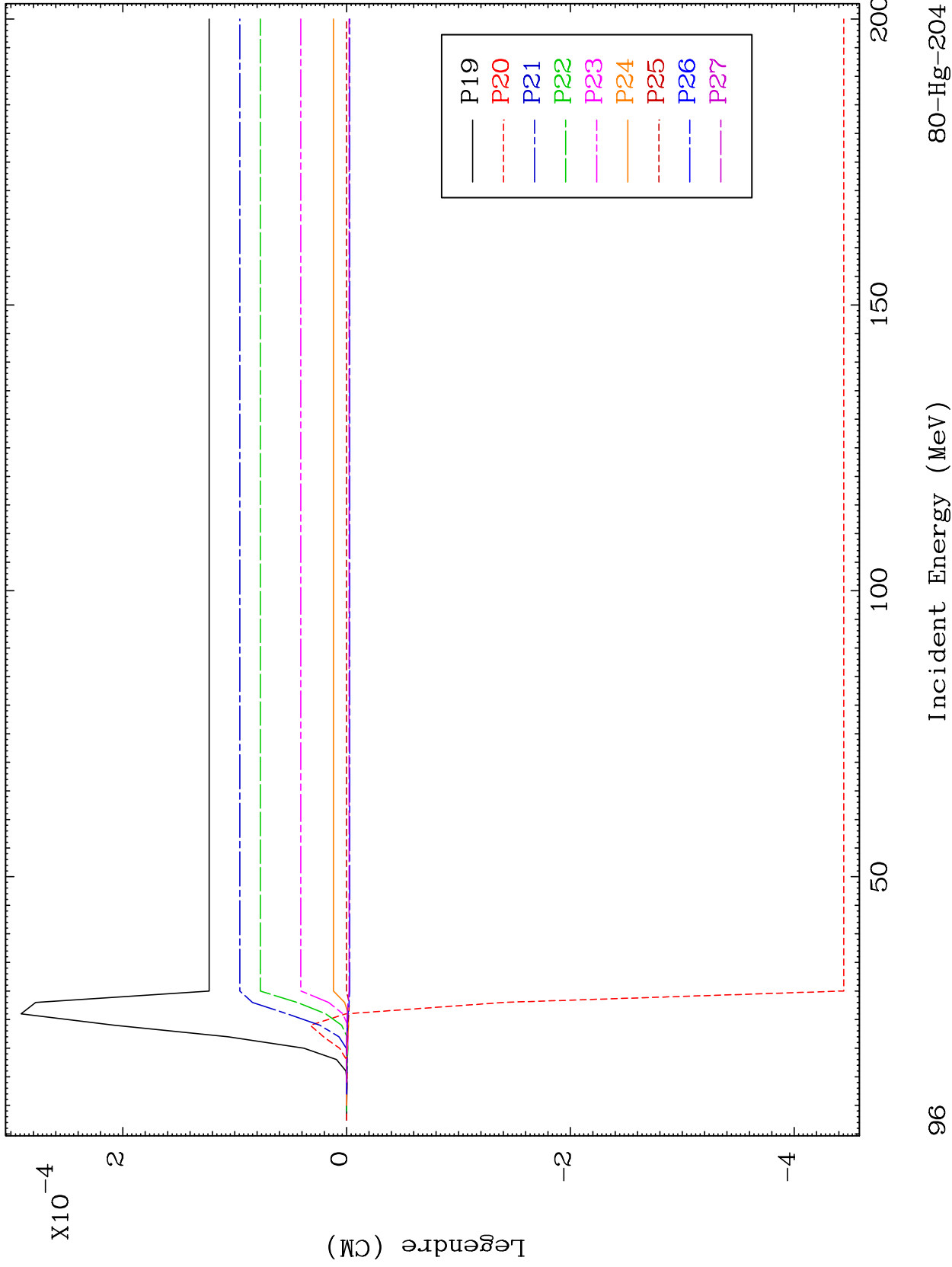


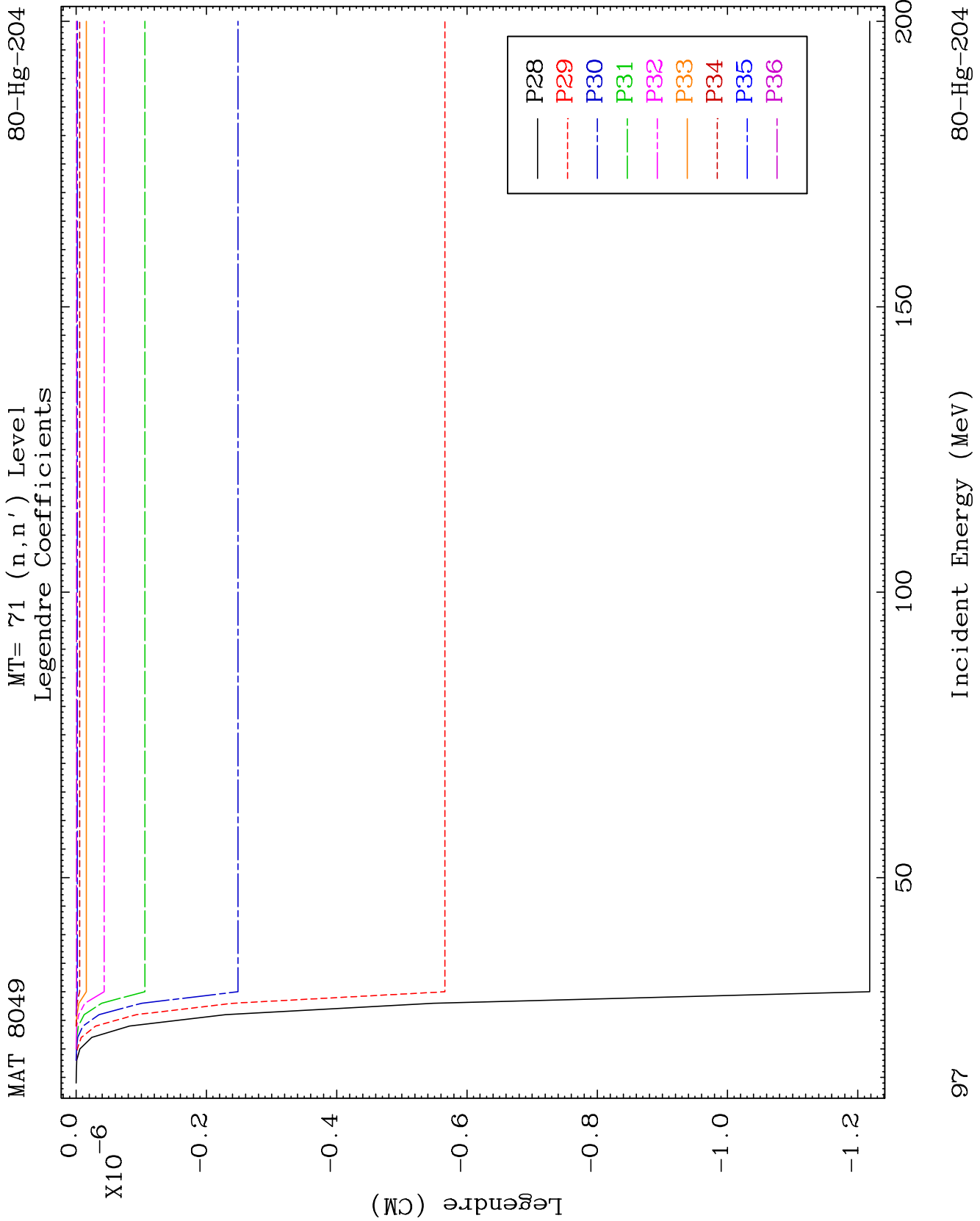
95

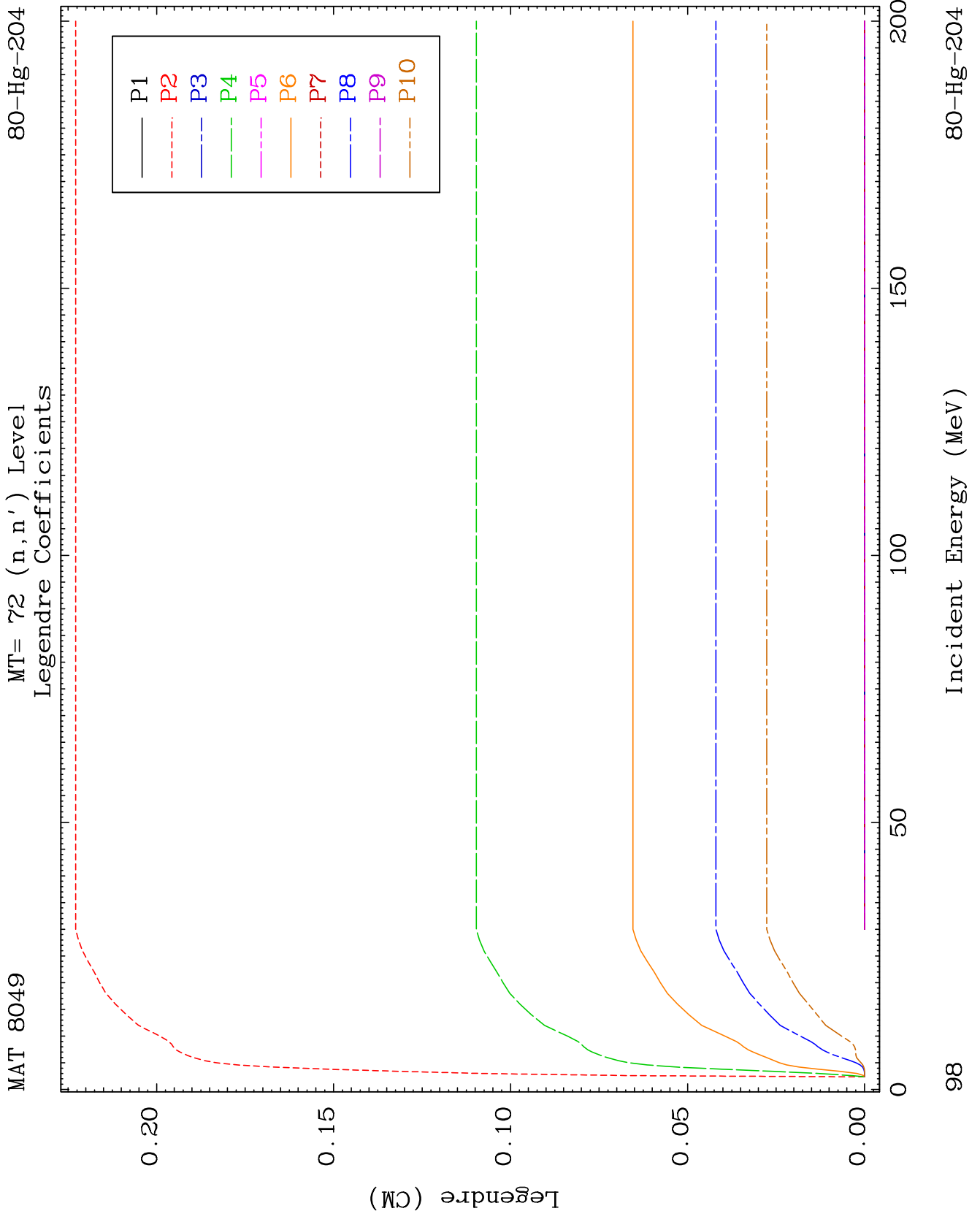
Incident Energy (MeV)

80-Hg-204





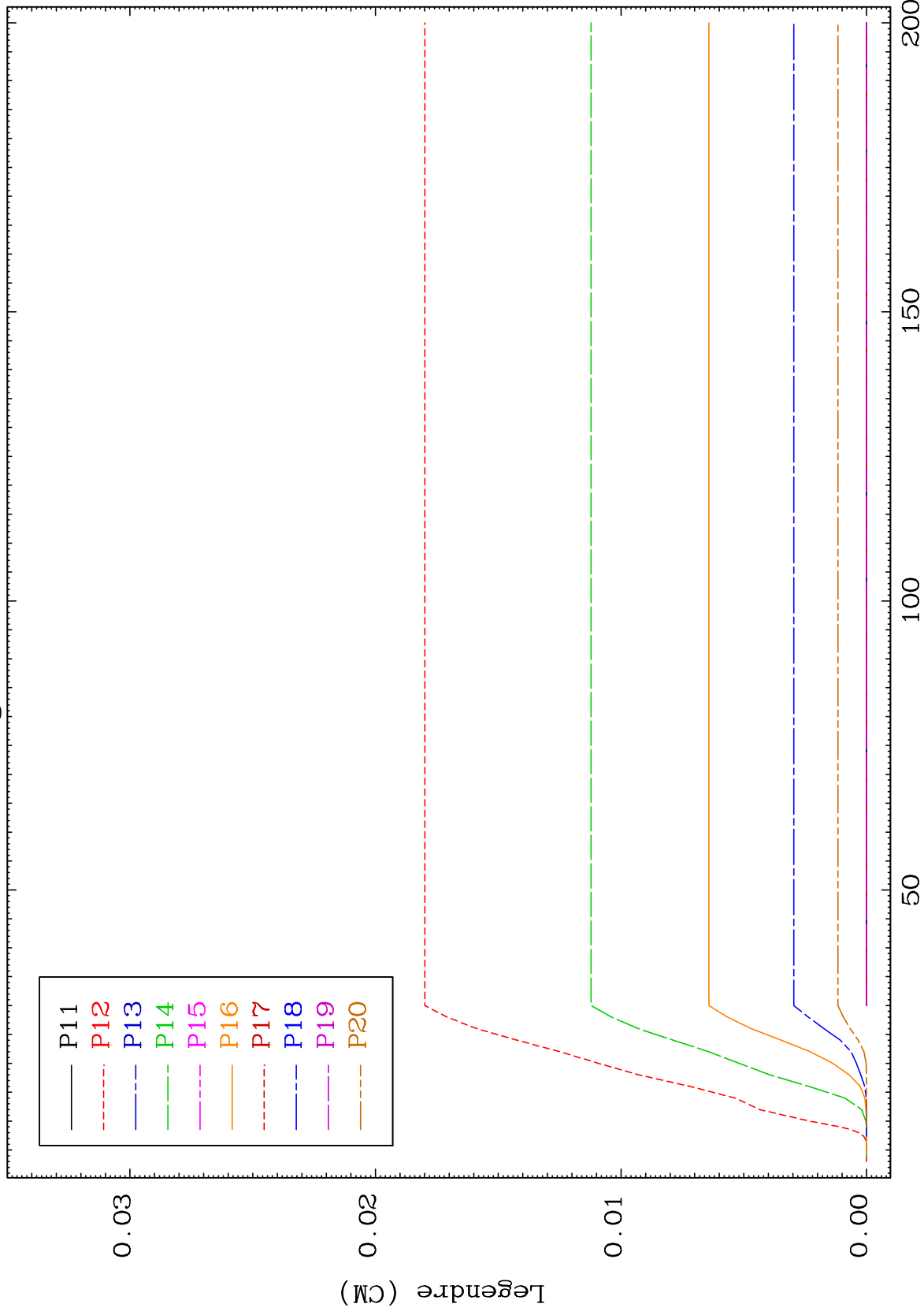




MAT 8049

MT= 72 (n,n') Level  
Legendre Coefficients

80-Hg-204



99

Incident Energy (MeV)

80-Hg-204

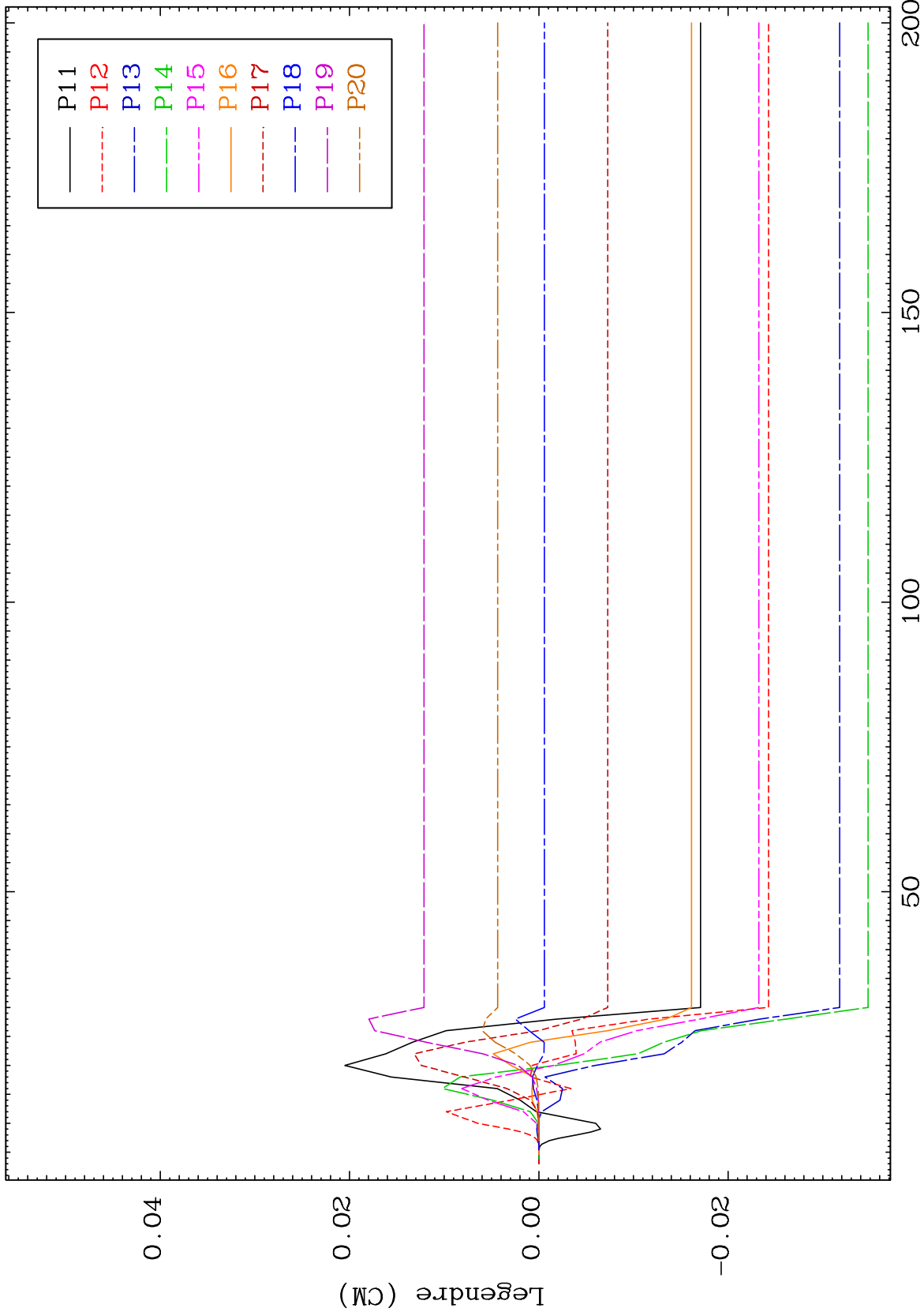




MAT 8049

MT= 73 (n,n') Level  
Legendre Coefficients

80-Hg-204



102

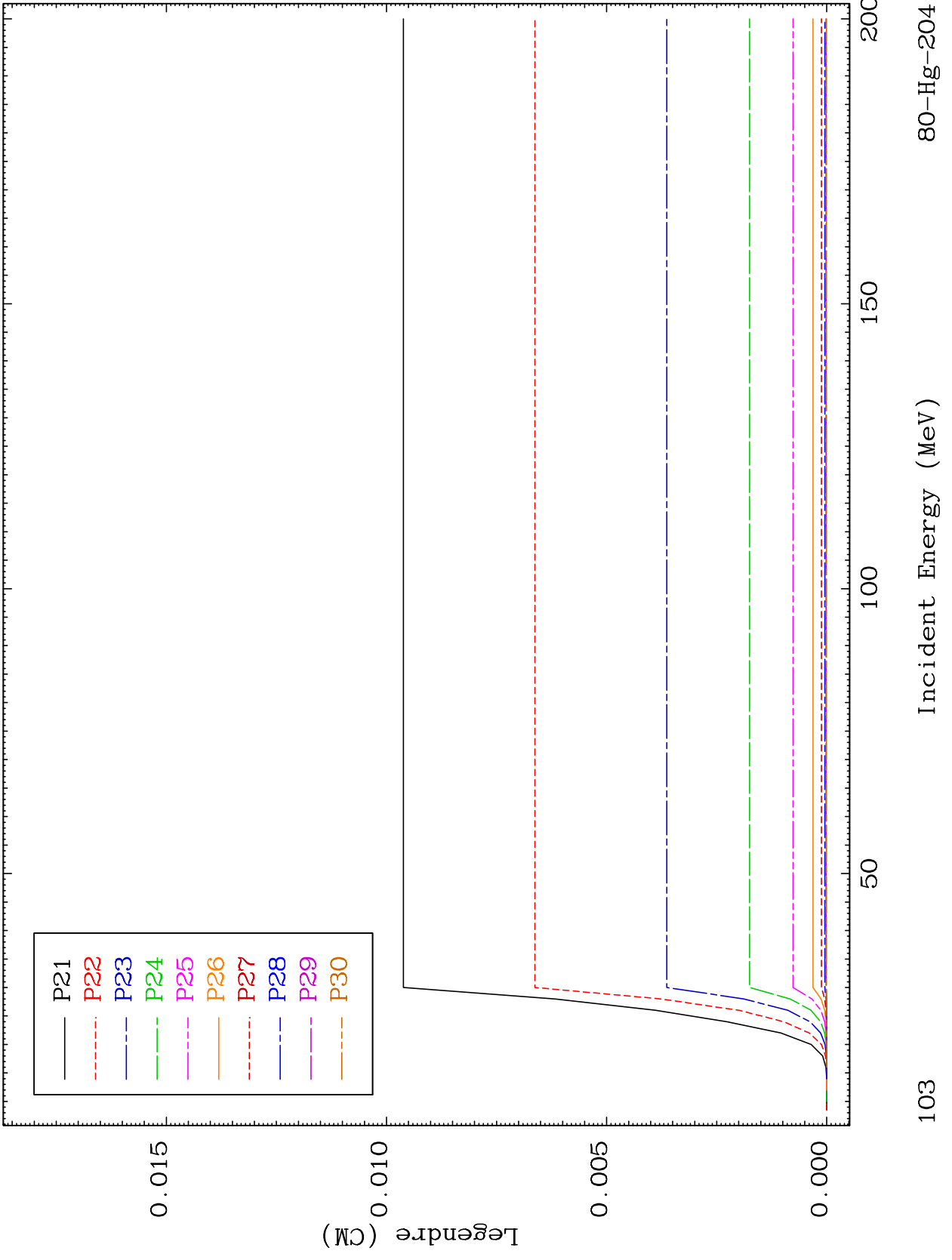
Incident Energy (MeV)

80-Hg-204

MAT 8049

MT= 73 (n,n') Level  
Legendre Coefficients

80-Hg-204



103

Incident Energy (MeV)

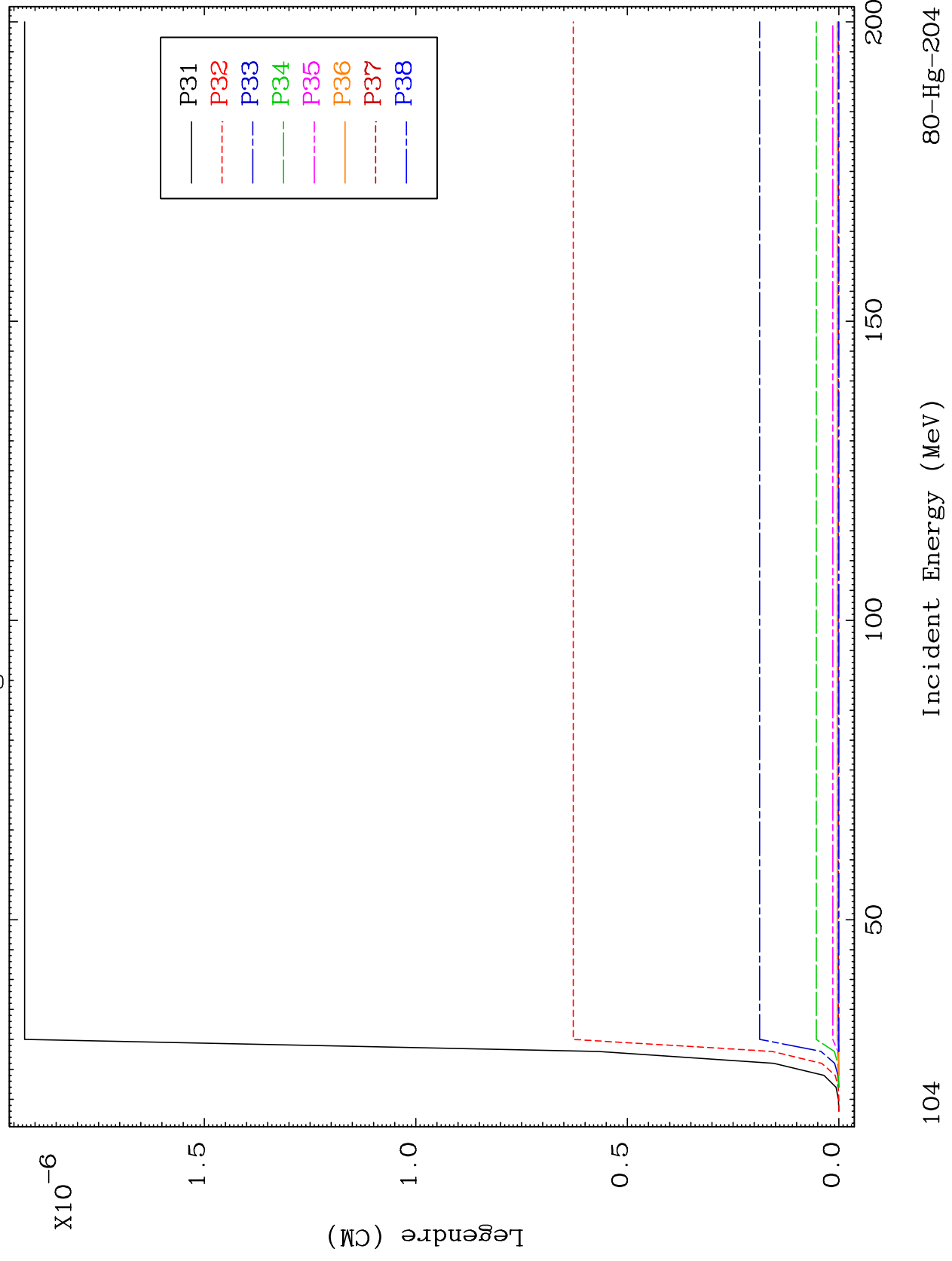
80-Hg-204



MAT 8049

MT= 73 (n,n') Level  
Legendre Coefficients

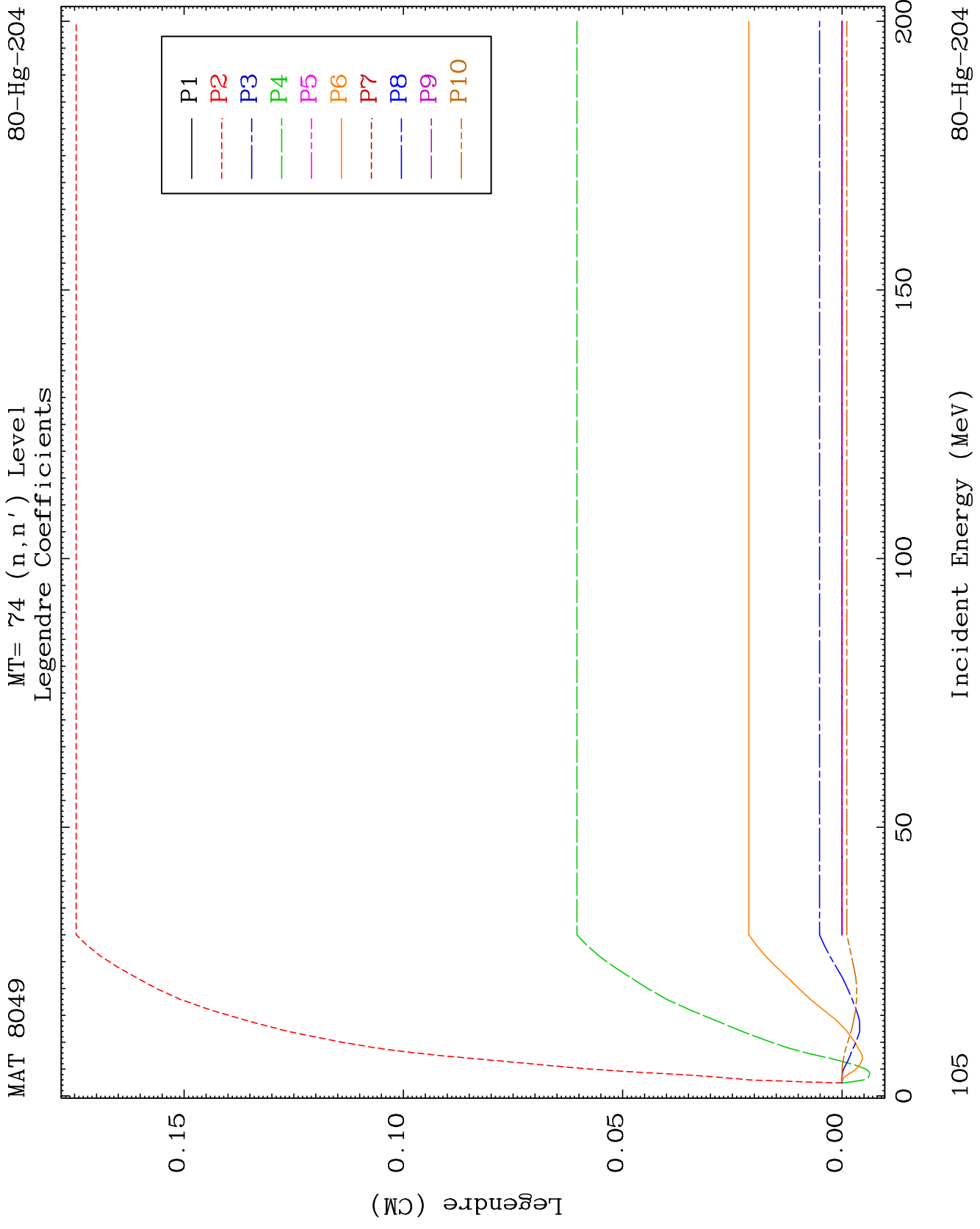
80-Hg-204



104

Incident Energy (MeV)

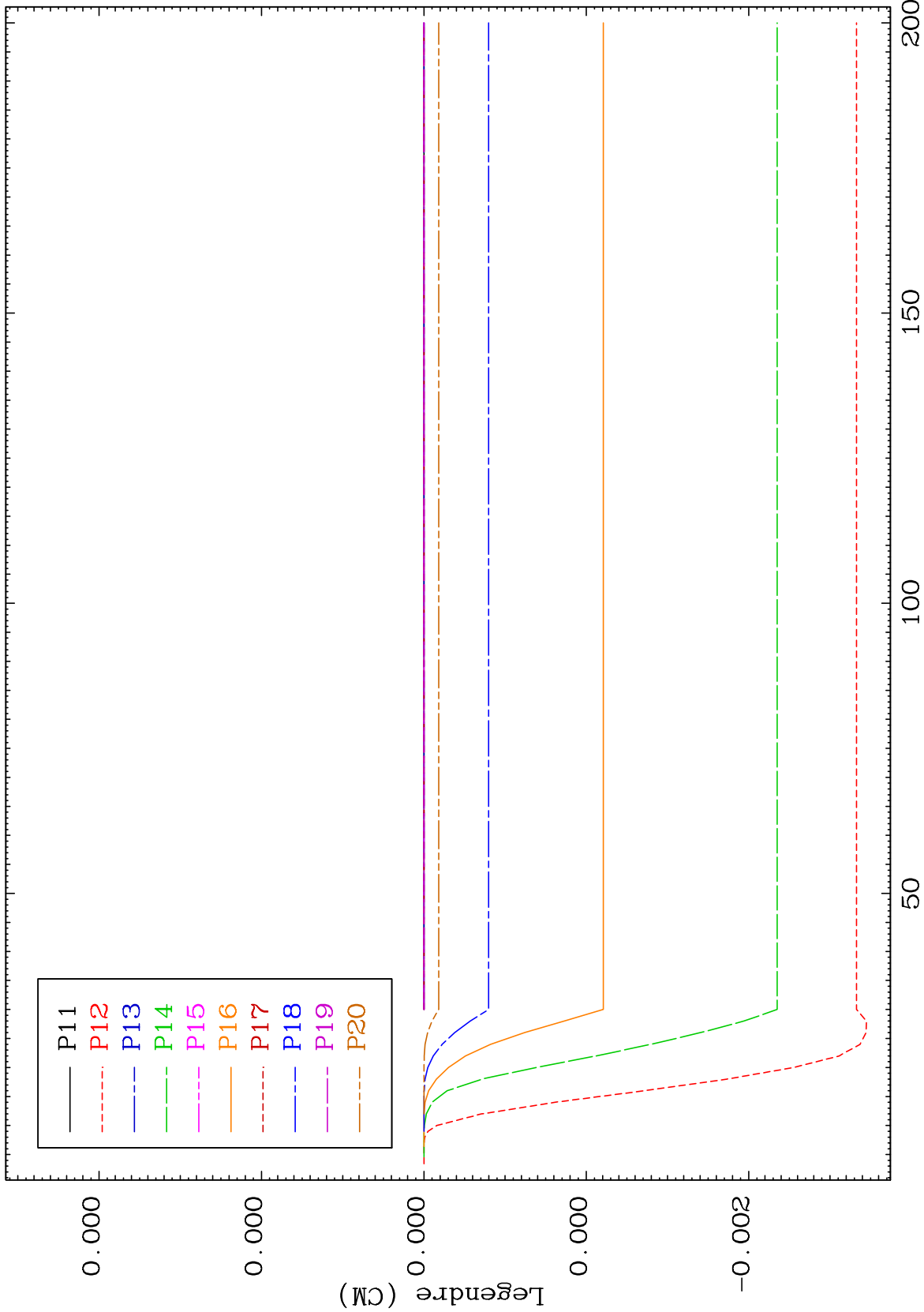
80-Hg-204



MAT 8049

MT= 74 (n,n') Level  
Legendre Coefficients

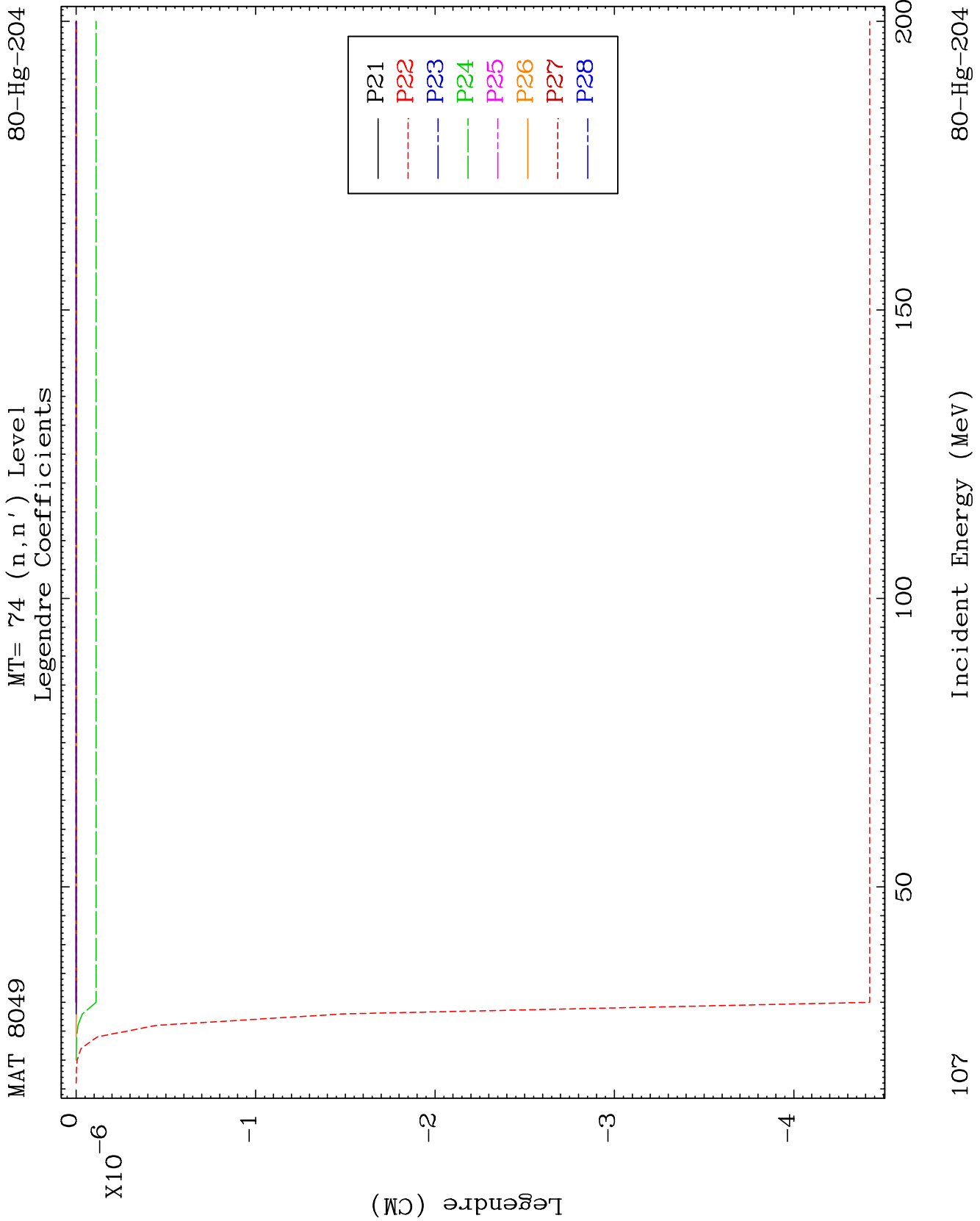
80-Hg-204



106

Incident Energy (MeV)

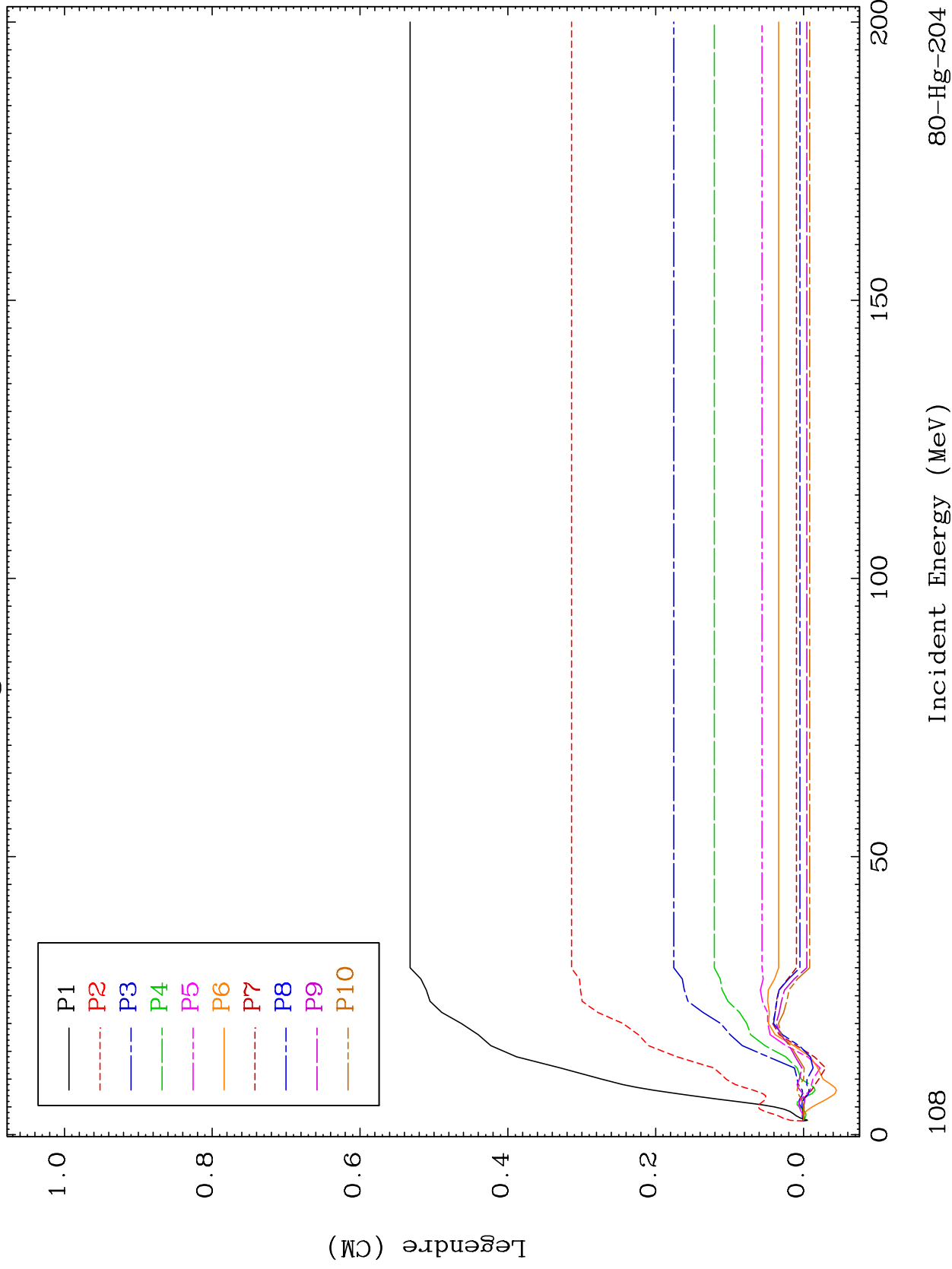
80-Hg-204



MAT 8049

MT= 75 (n,n') Level  
Legendre Coefficients

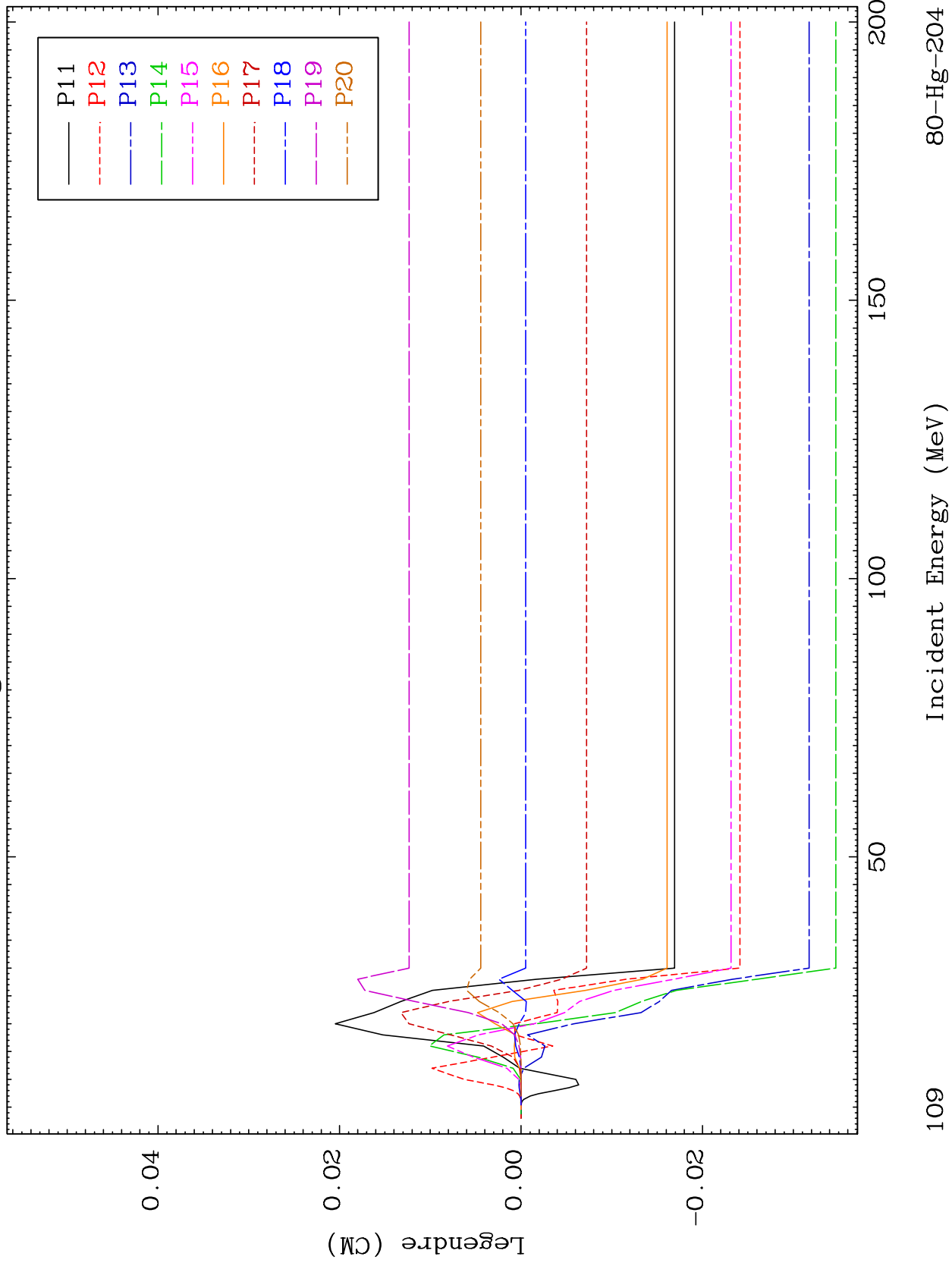
80-Hg-204



MAT 8049

MT= 75 (n,n') Level  
Legendre Coefficients

80-Hg-204



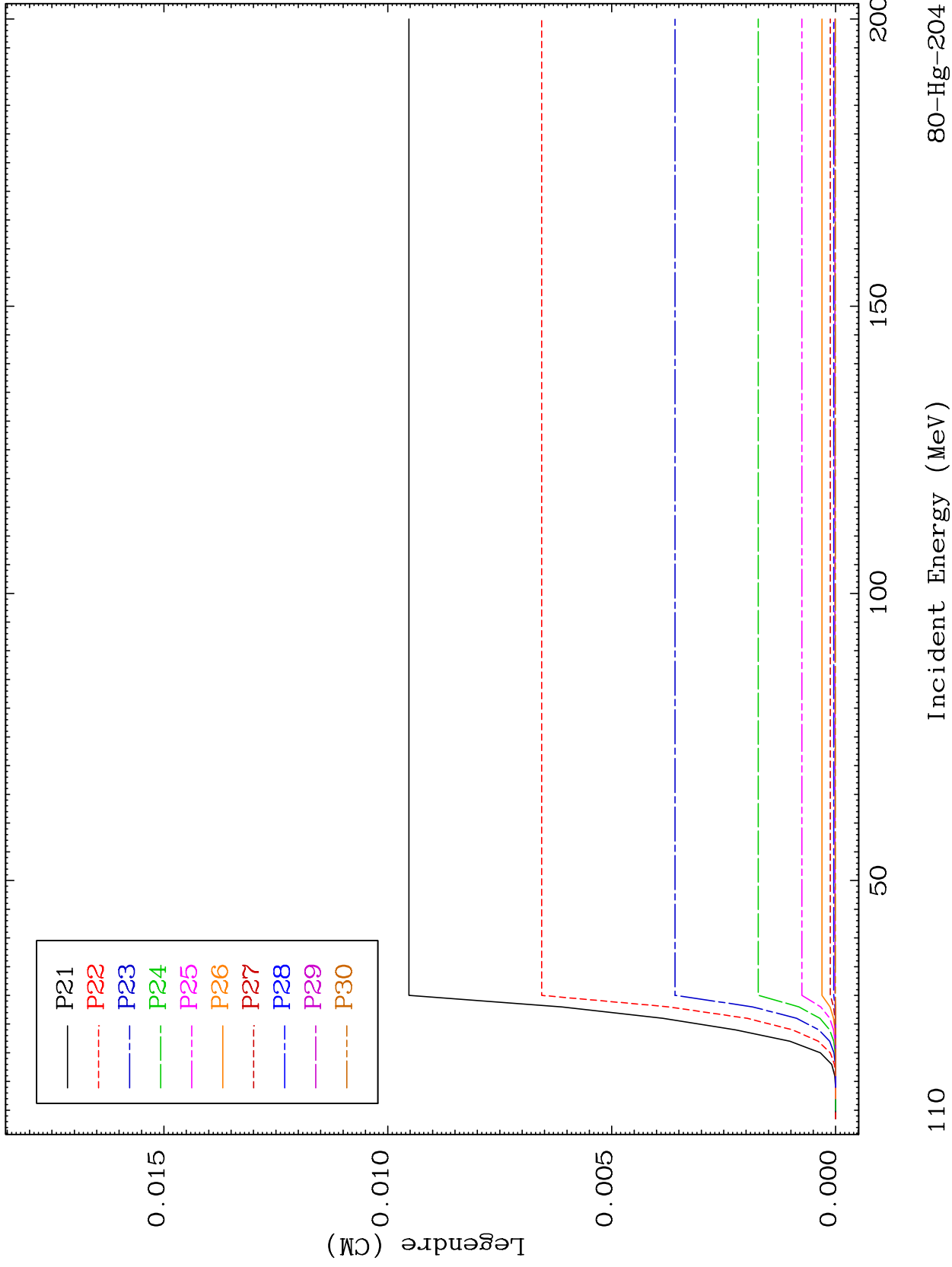
109

80-Hg-204

MAT 8049

MT= 75 (n,n') Level  
Legendre Coefficients

80-Hg-204



110

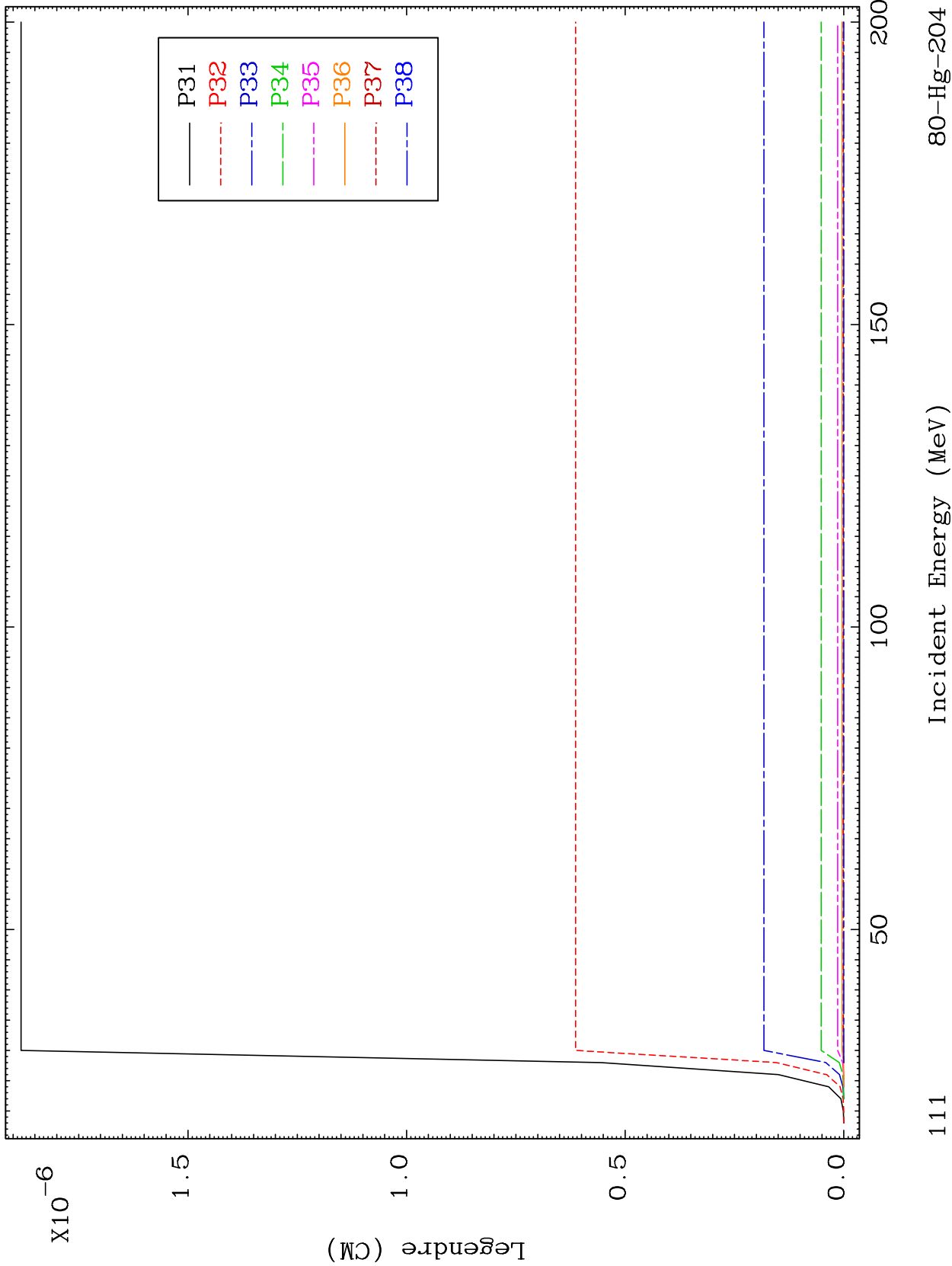
Incident Energy (MeV)

80-Hg-204

MAT 8049

MT= 75 (n,n') Level  
Legendre Coefficients

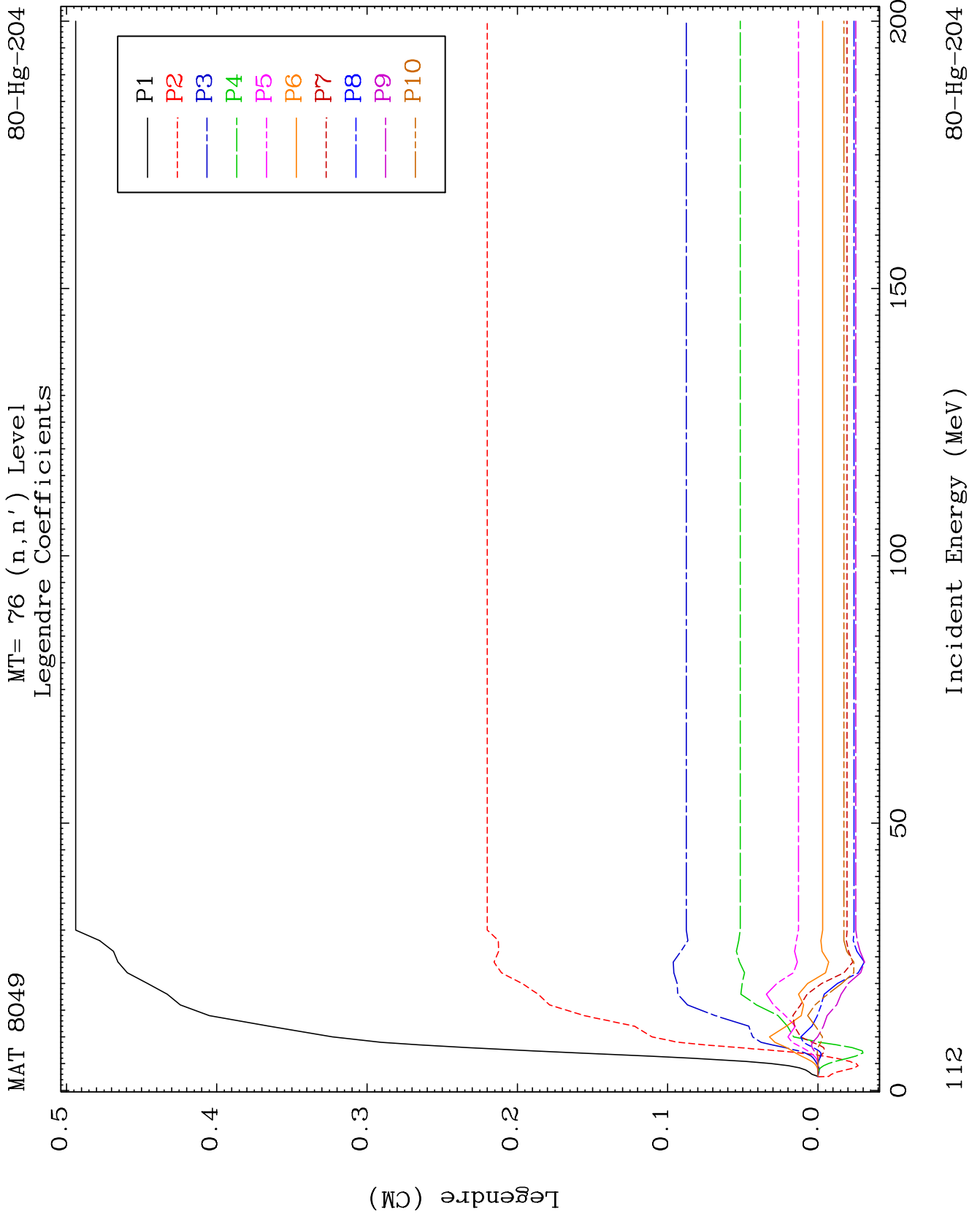
80-Hg-204



111

80-Hg-204

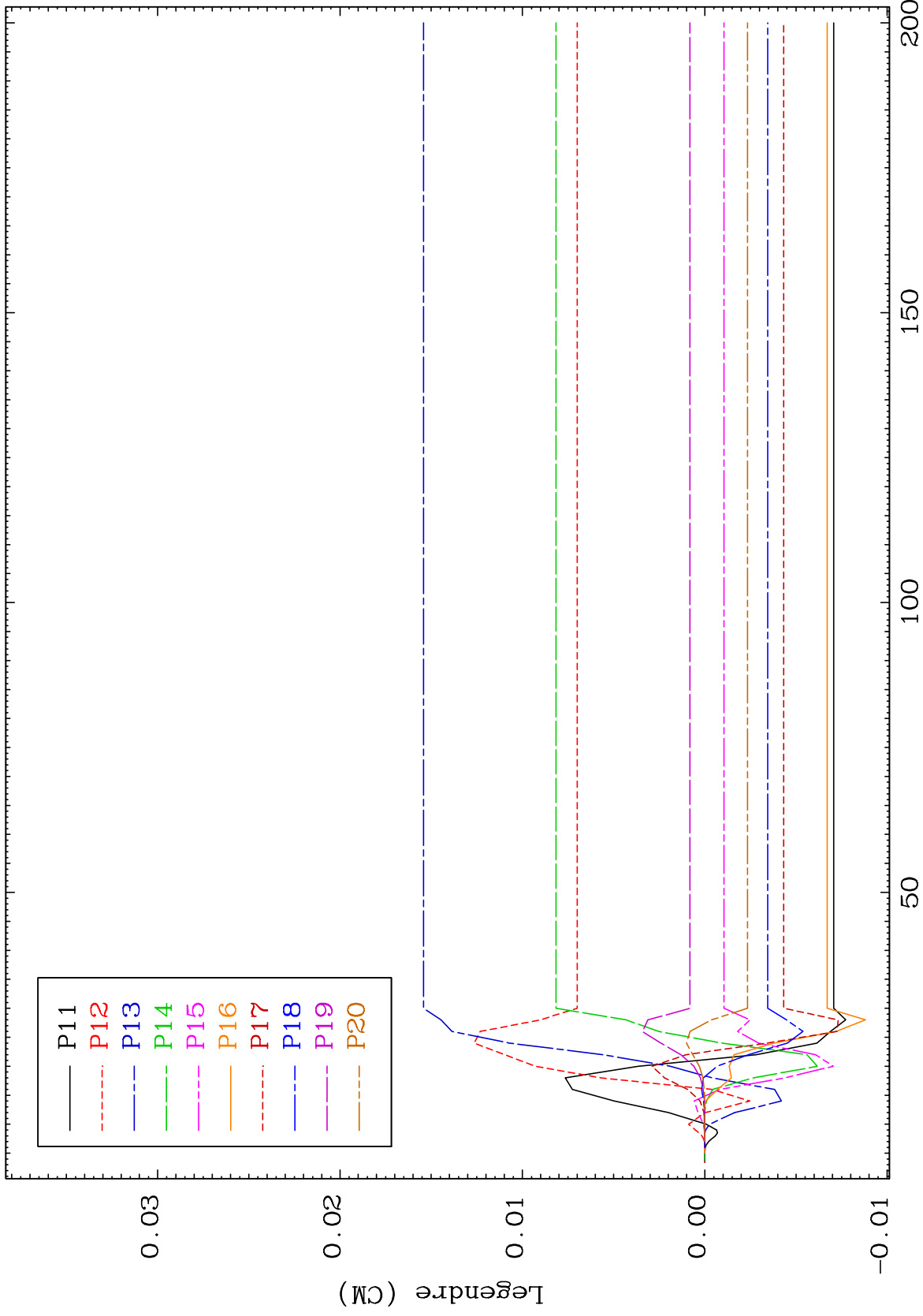




MAT 8049

MT= 76 (n,n') Level  
Legendre Coefficients

80-Hg-204



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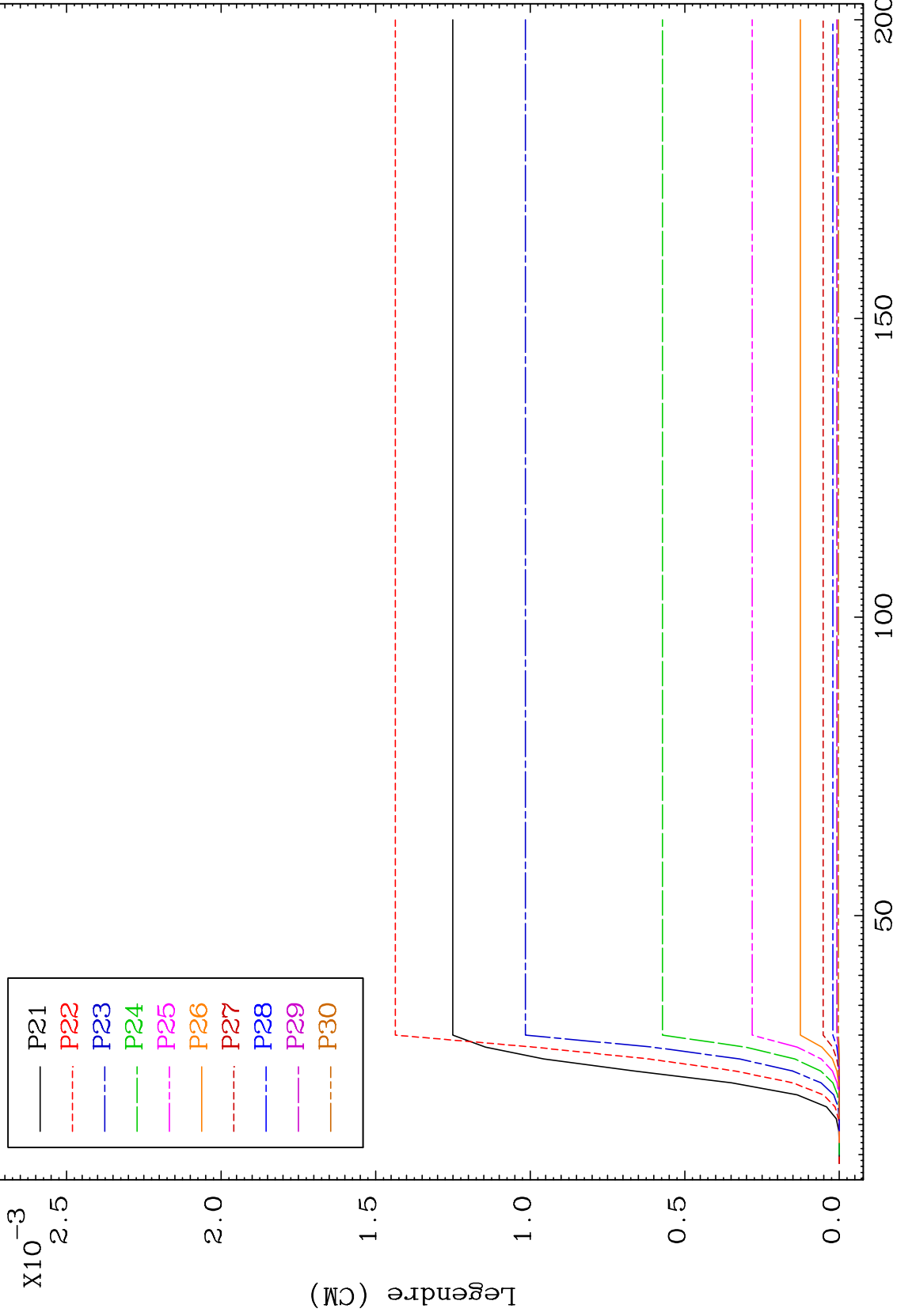
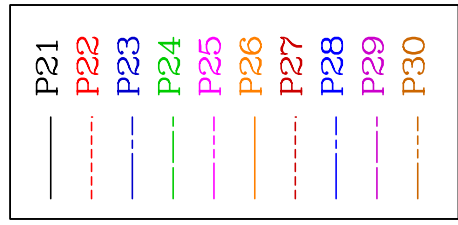
Incident Energy (MeV)

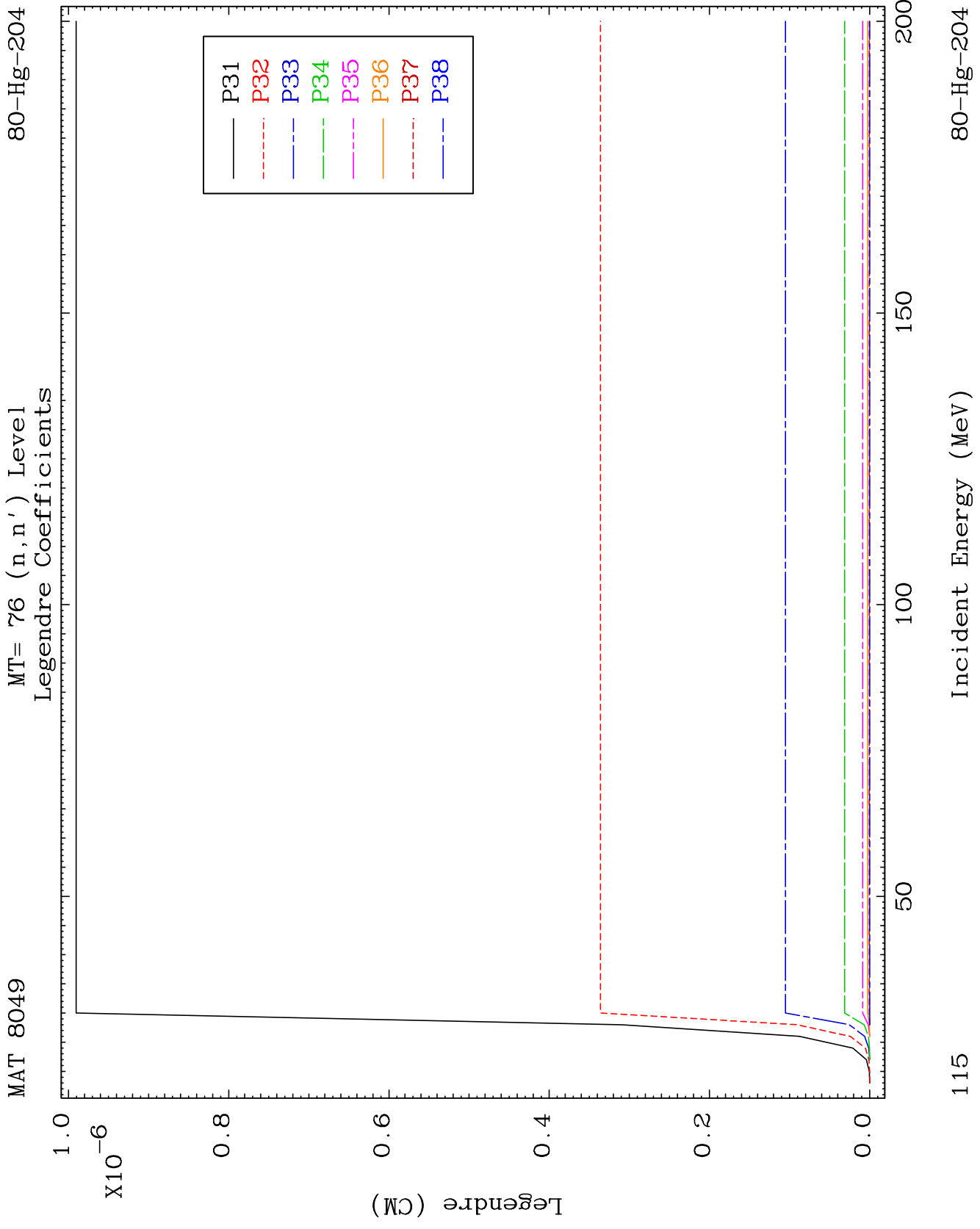
80-Hg-204

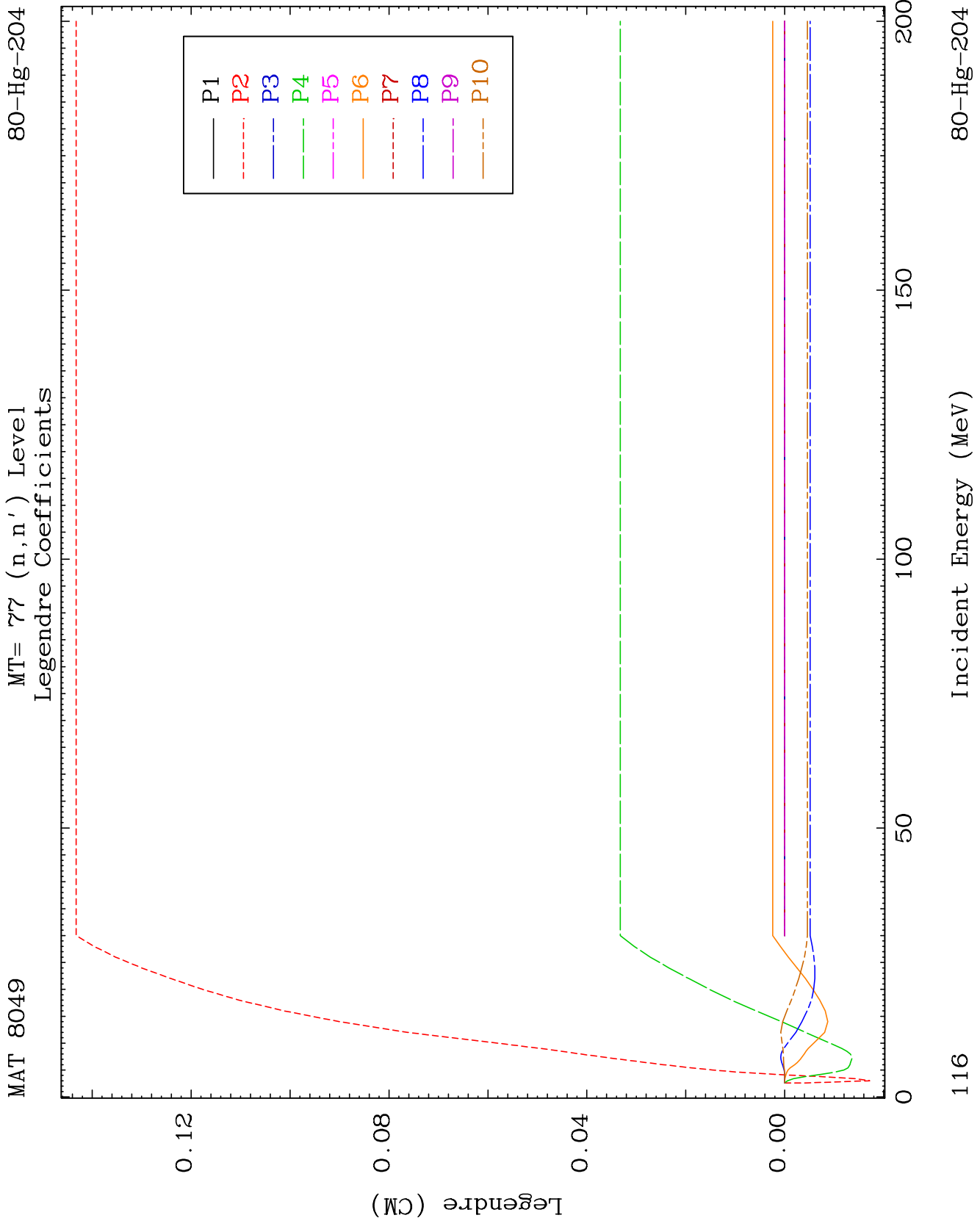
MAT 8049

MT= 76 (n,n') Level  
Legendre Coefficients

80-Hg-204



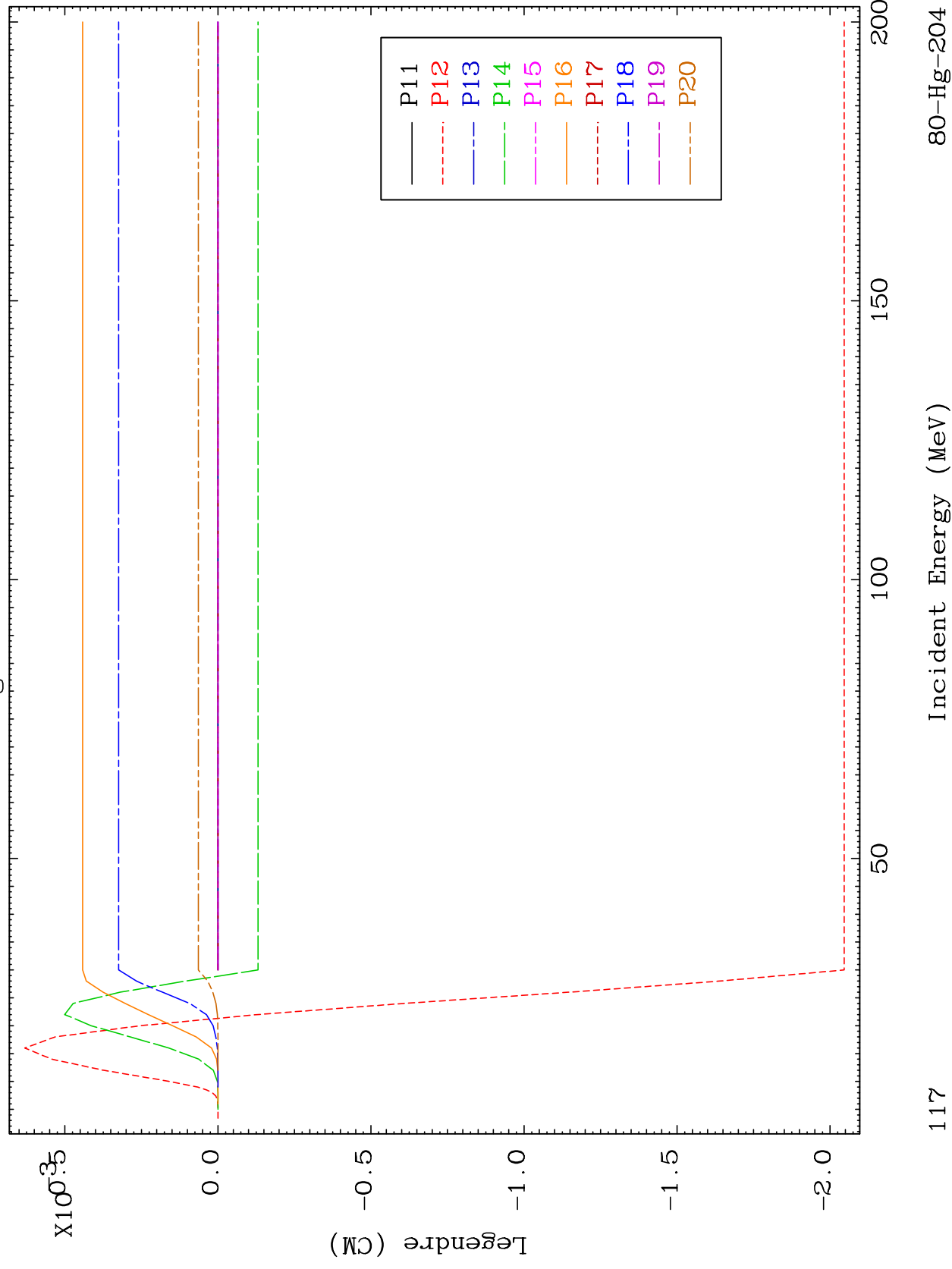




MAT 8049

MT= 77 (n,n') Level  
Legendre Coefficients

80-Hg-204

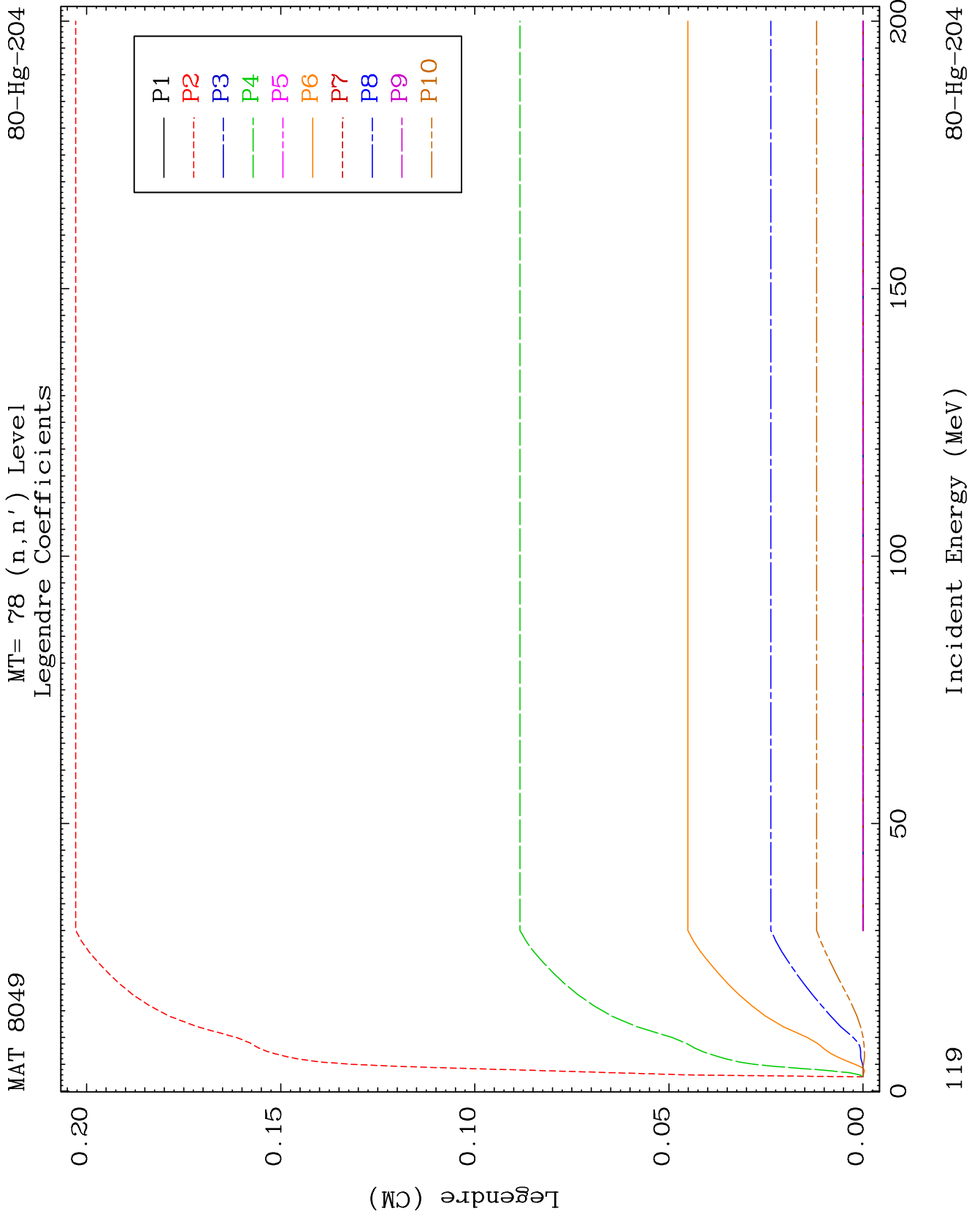


117

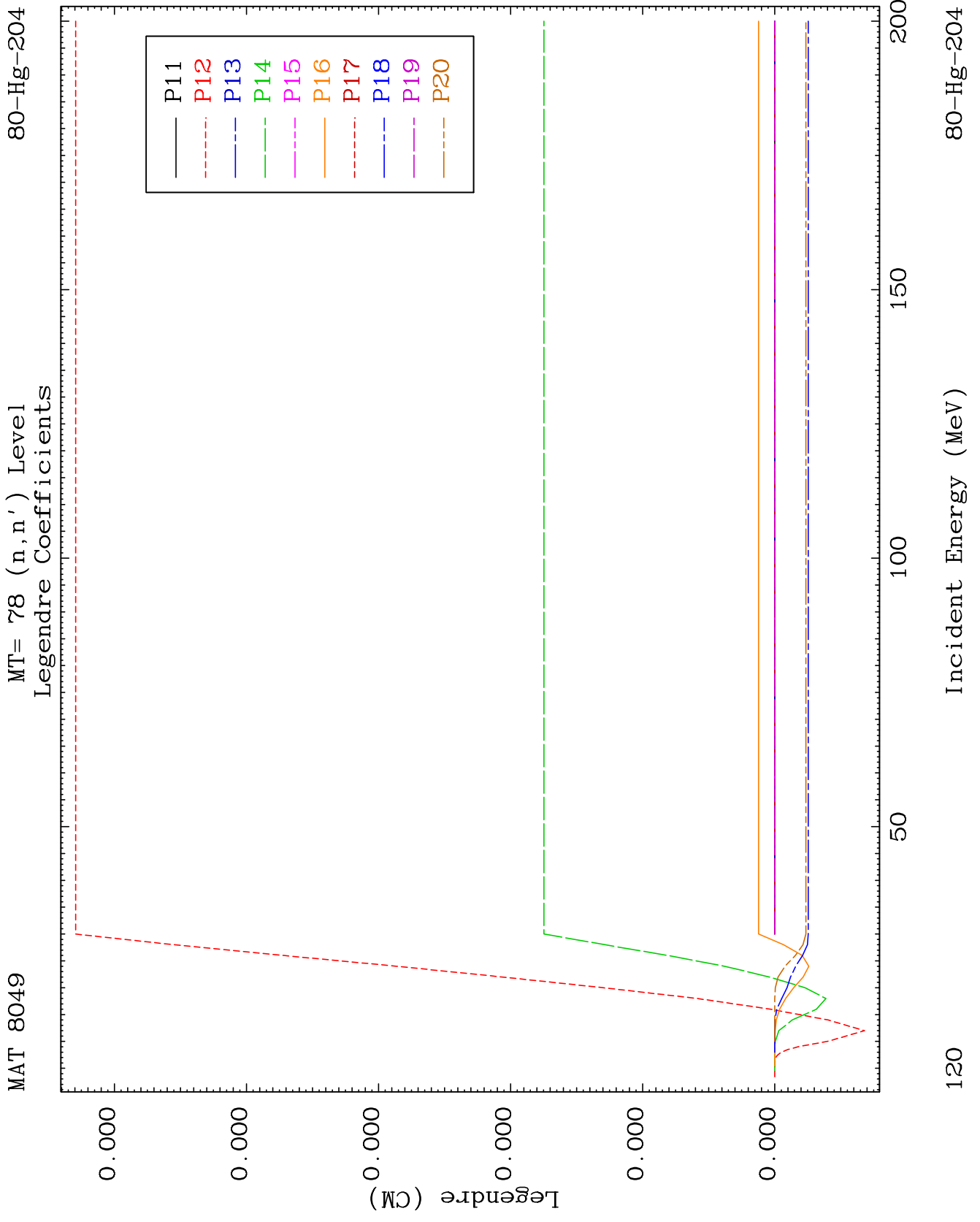
Incident Energy (MeV)

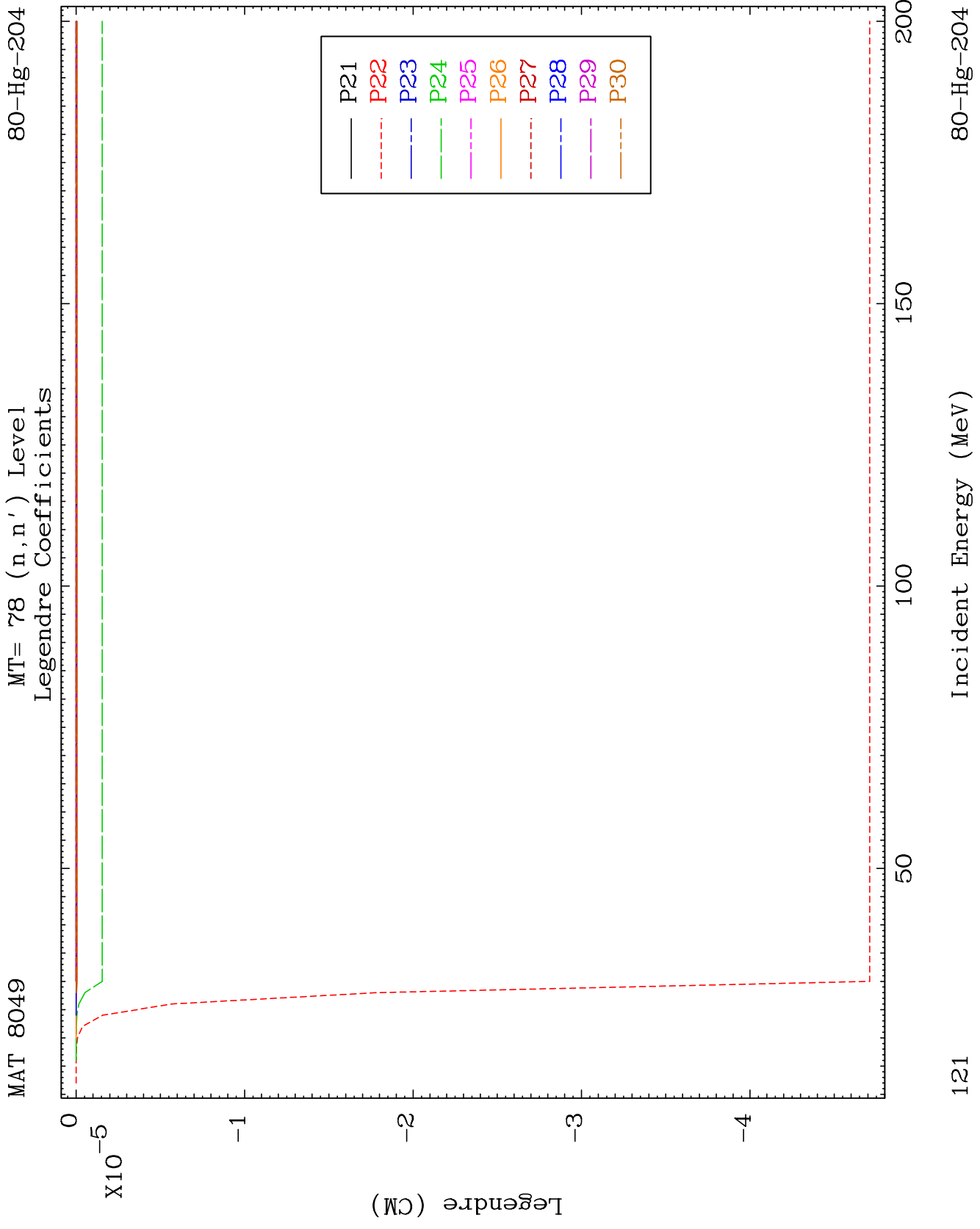
80-Hg-204







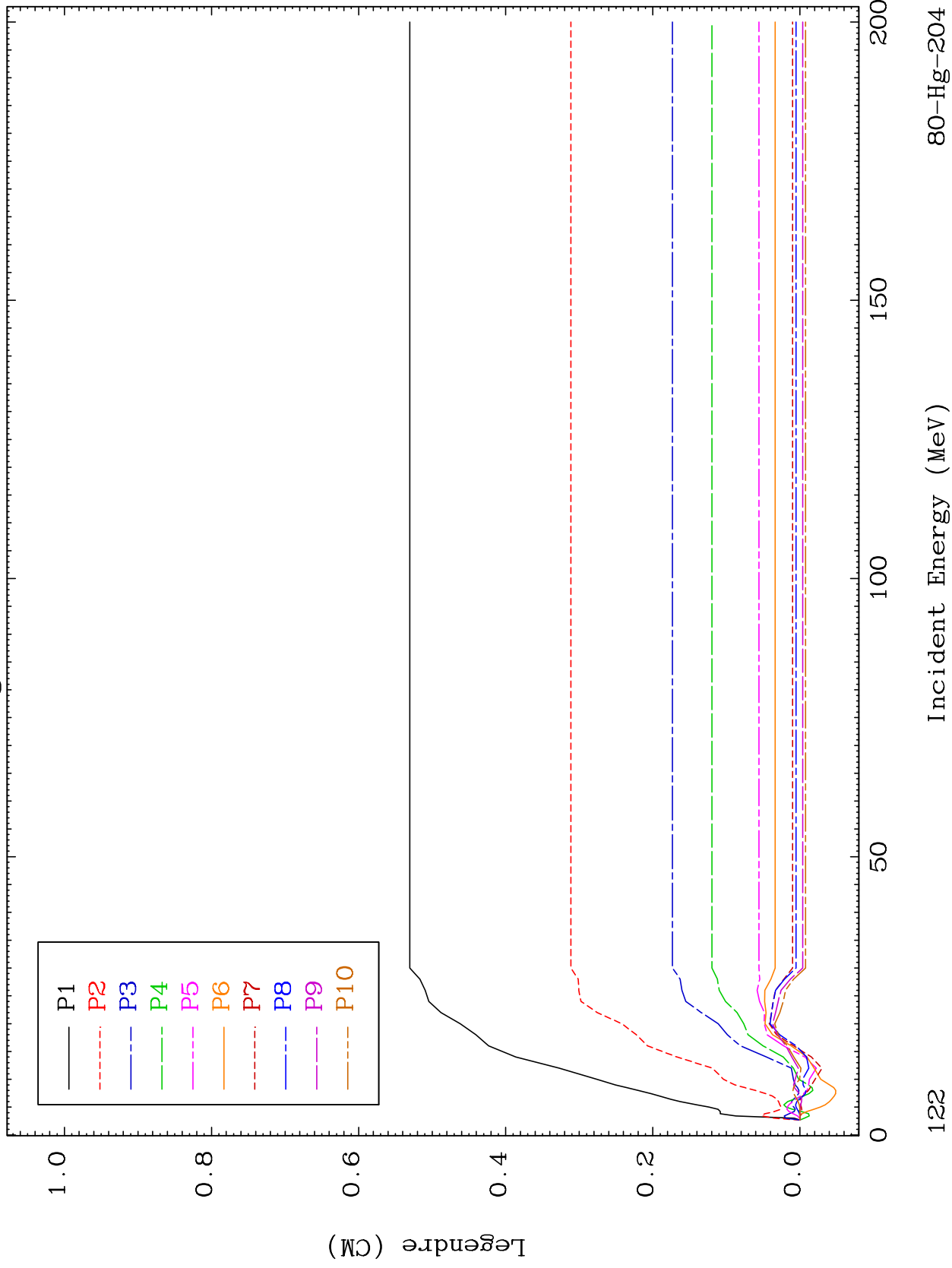




MAT 8049

MT= 79 (n,n') Level  
Legendre Coefficients

80-Hg-204

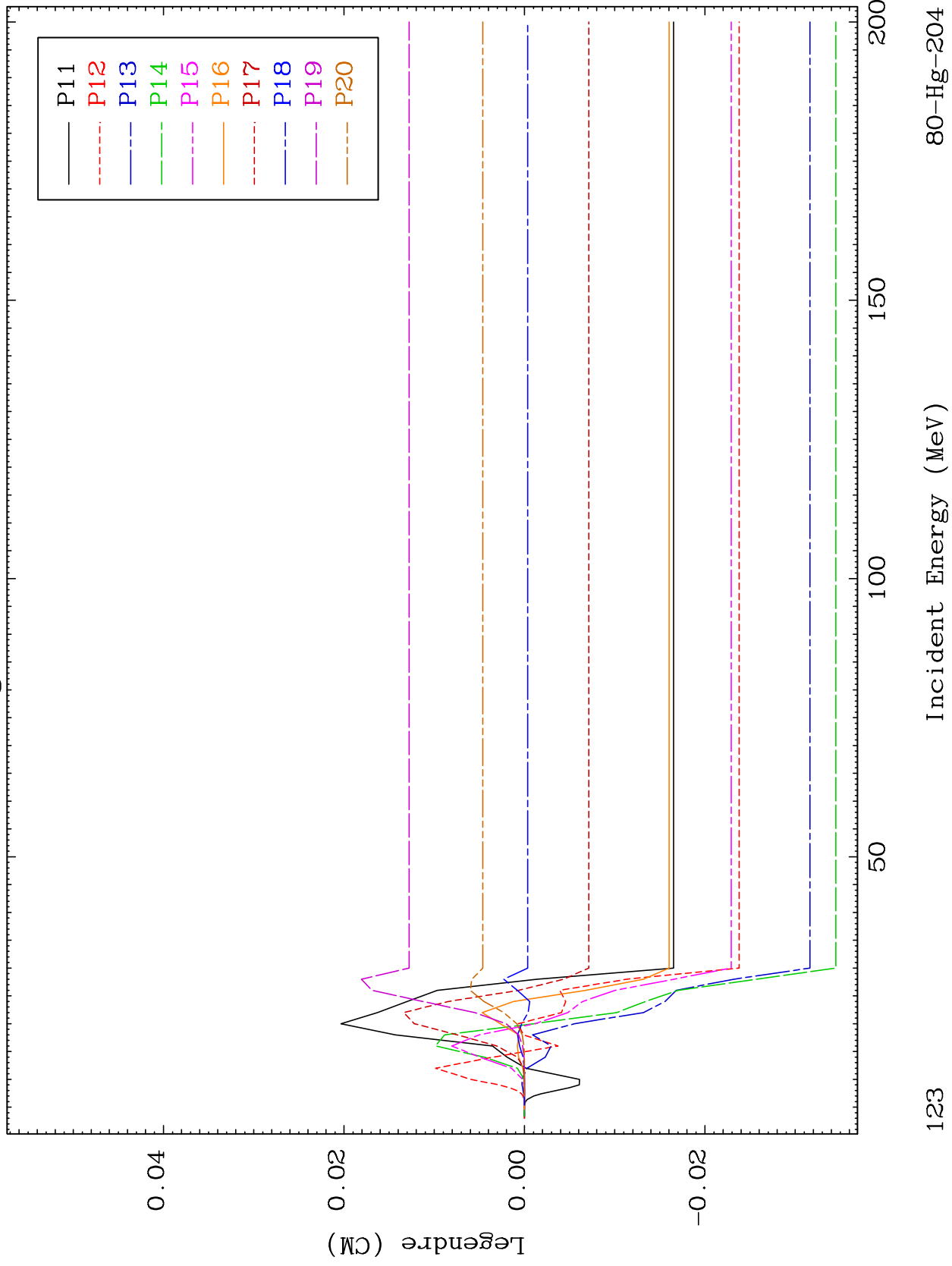


122

MAT 8049

MT= 79 (n,n') Level  
Legendre Coefficients

80-Hg-204



123

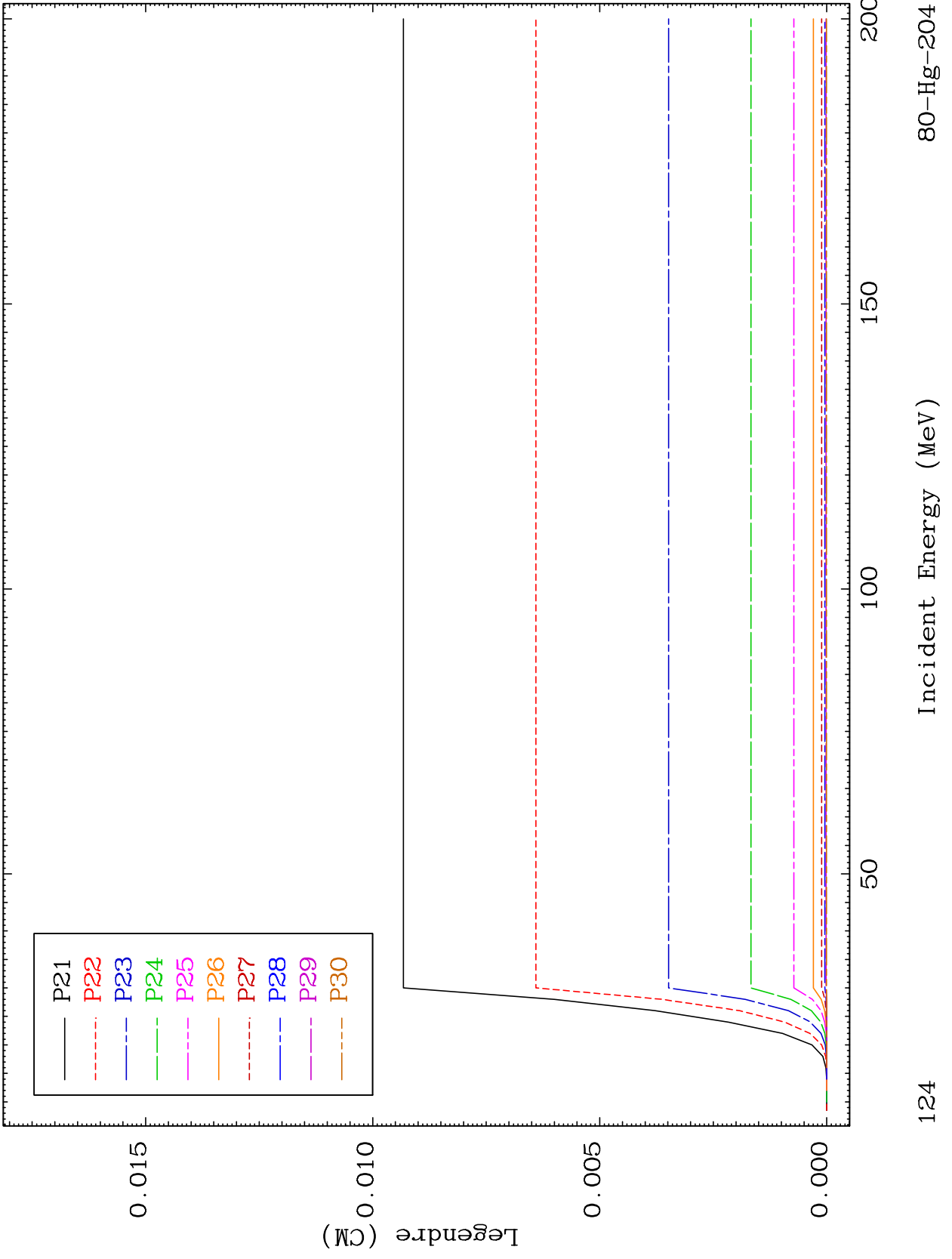
Incident Energy (MeV)

80-Hg-204

MAT 8049

MT= 79 (n,n') Level  
Legendre Coefficients

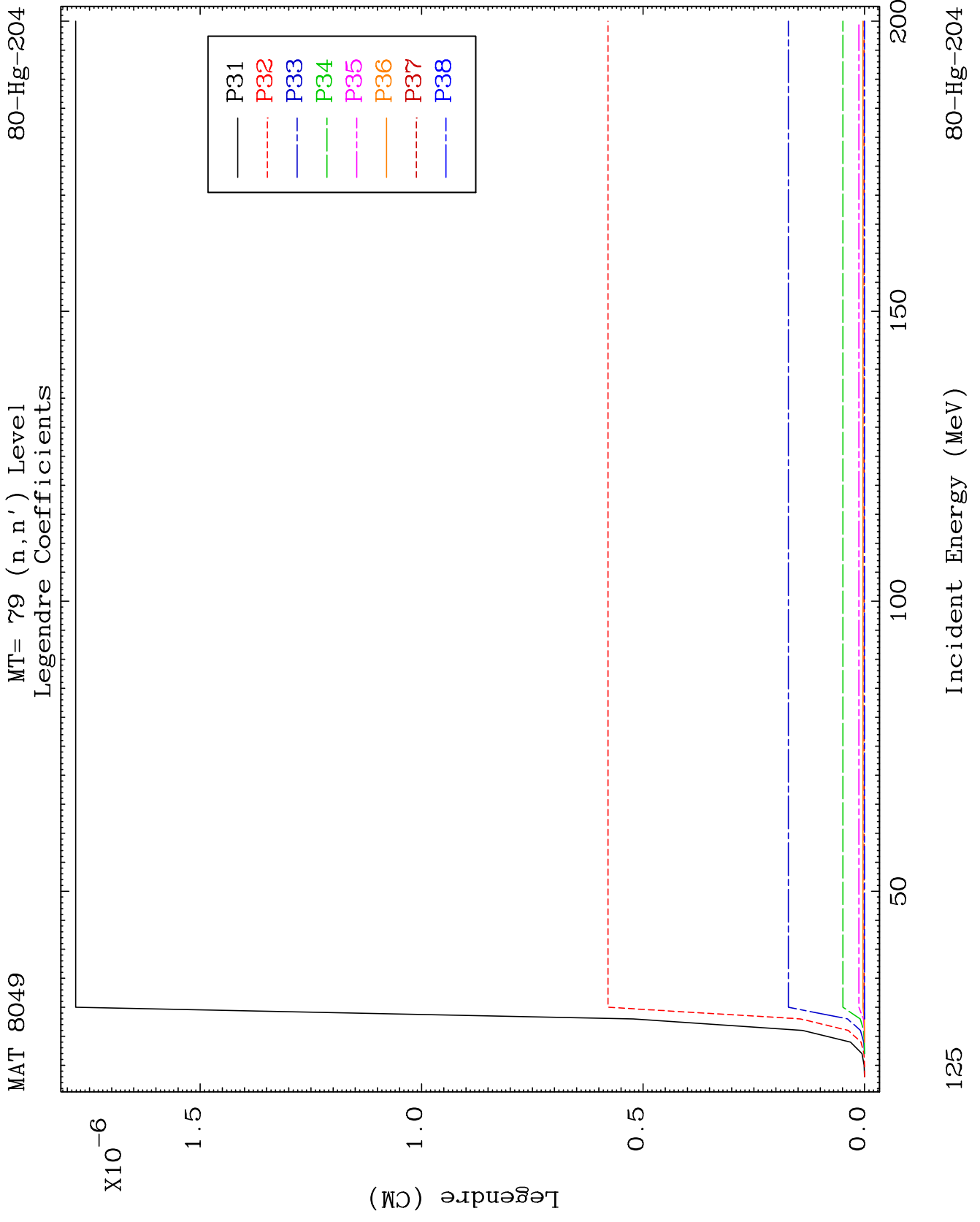
80-Hg-204

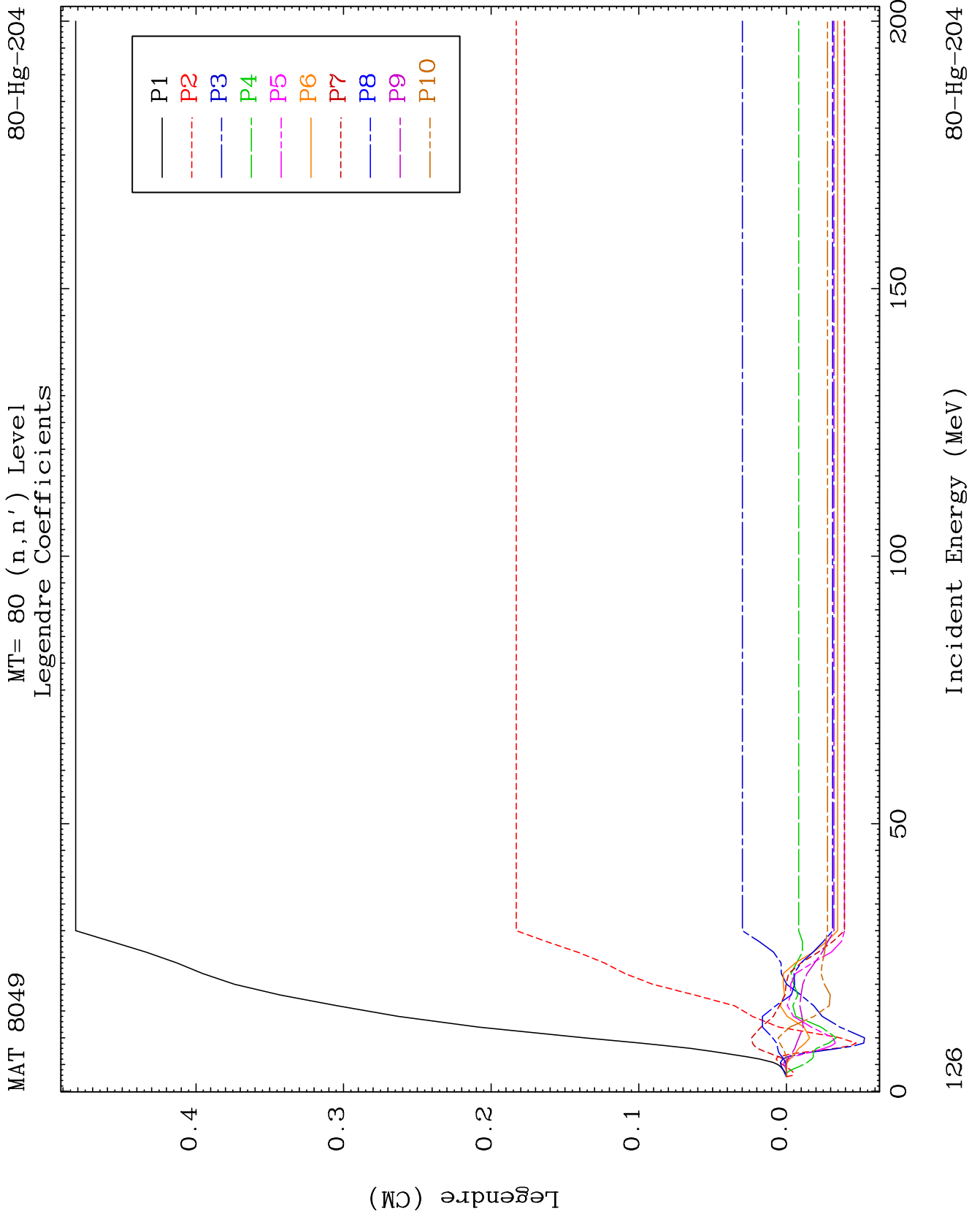


124

Incident Energy (MeV)

80-Hg-204

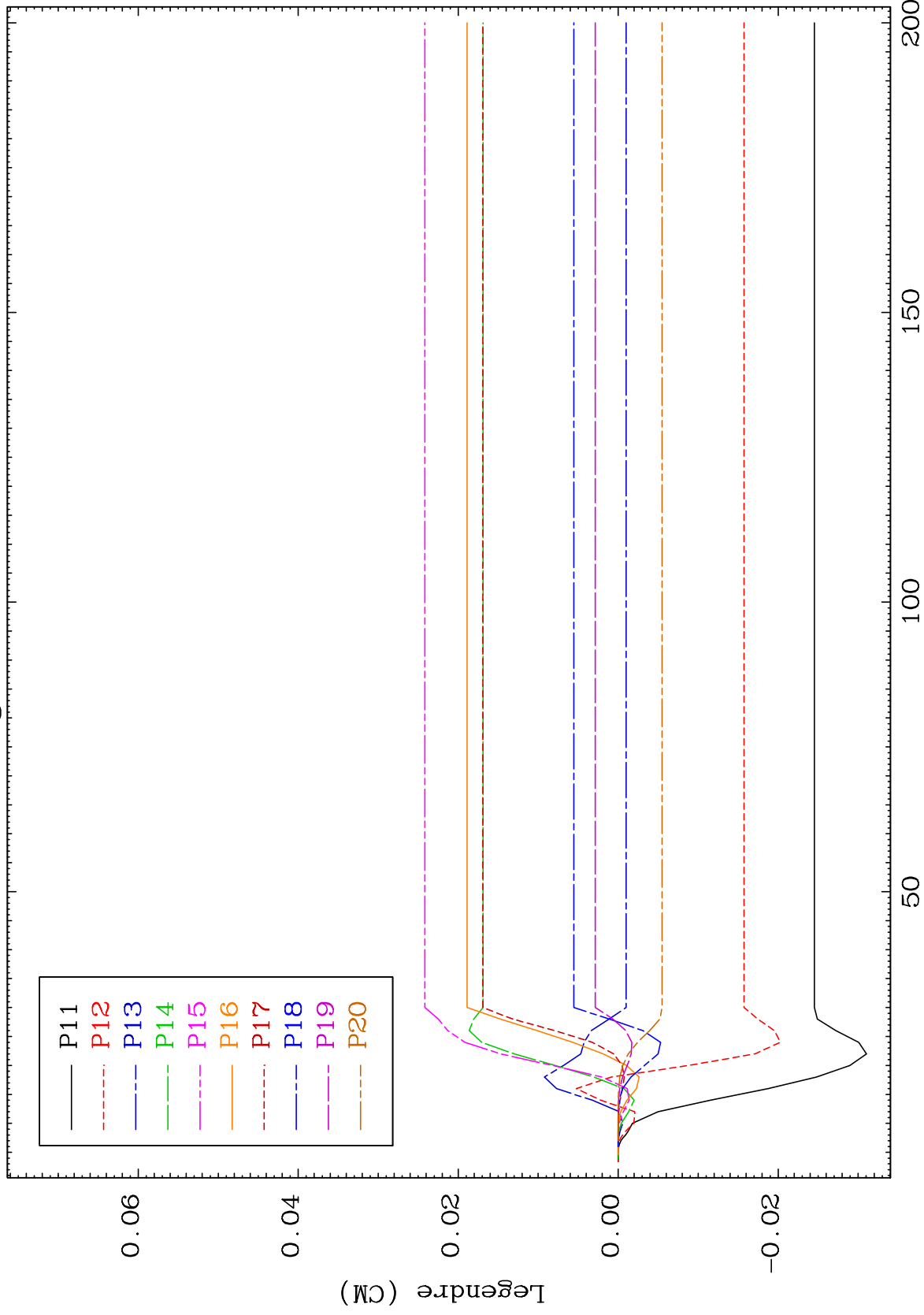




MAT 8049

MT= 80 (n,n') Level  
Legendre Coefficients

80-Hg-204



127

Incident Energy (MeV)

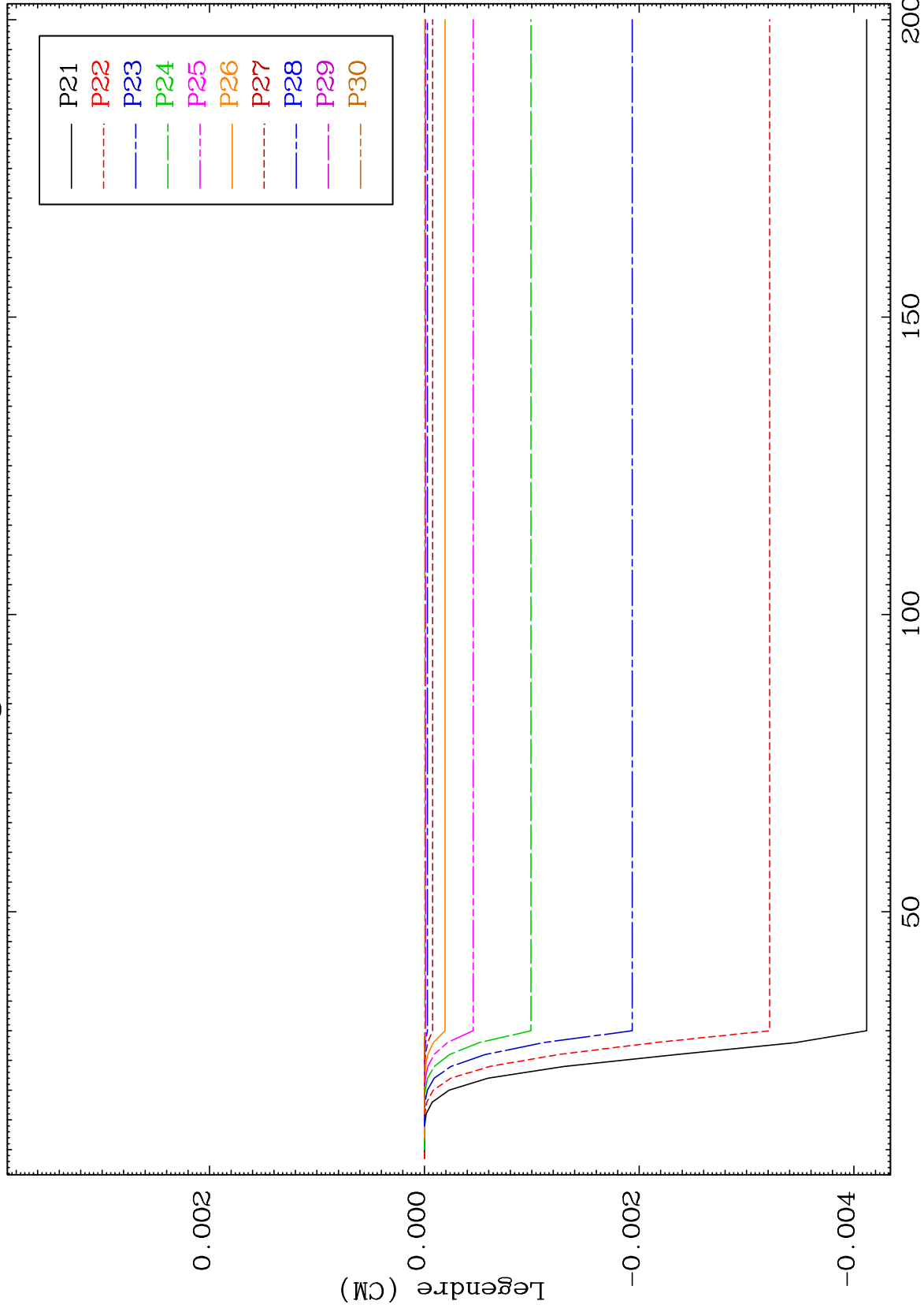
80-Hg-204



MAT 8049

MT= 80 (n,n') Level  
Legendre Coefficients

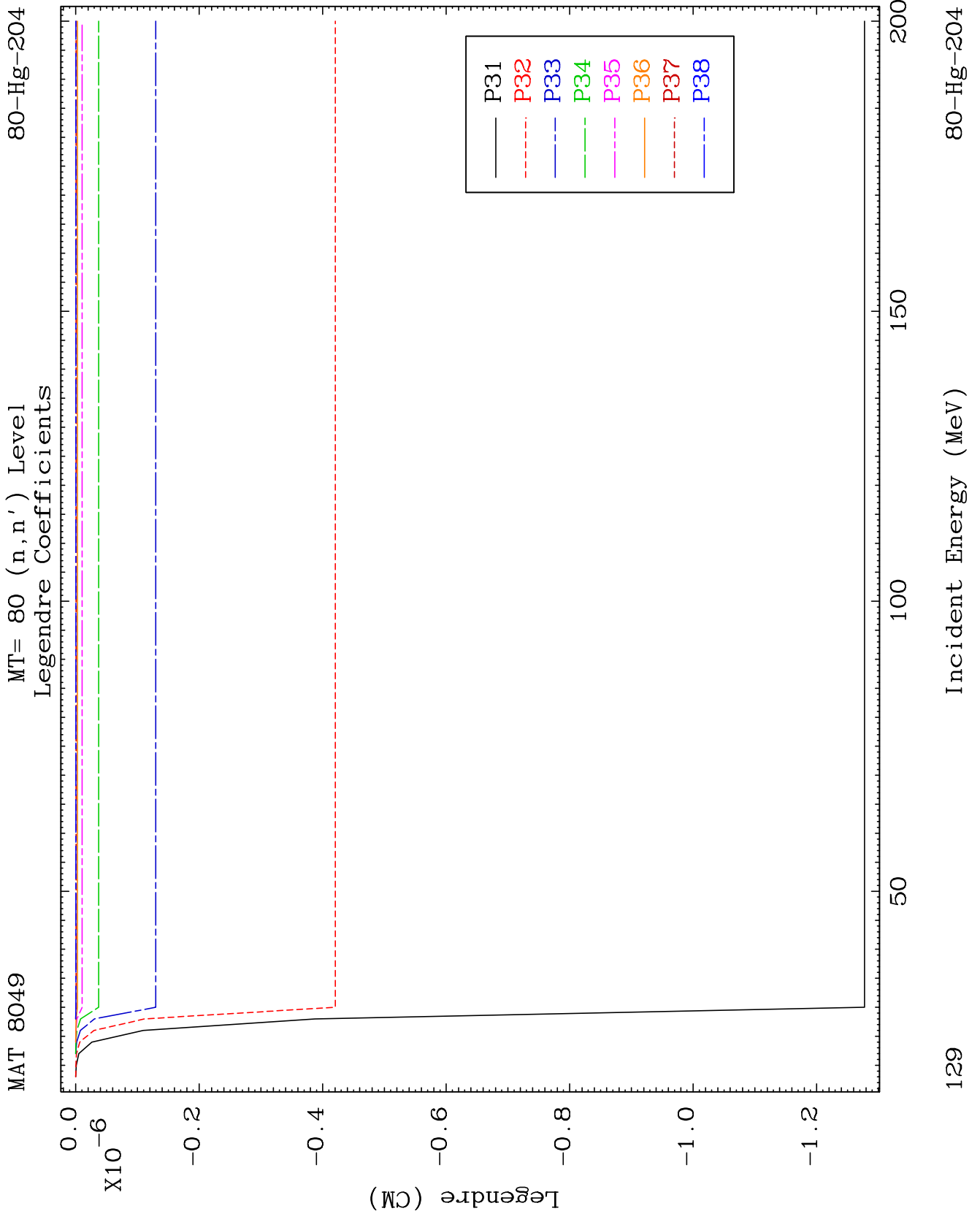
80-Hg-204



128

Incident Energy (MeV)

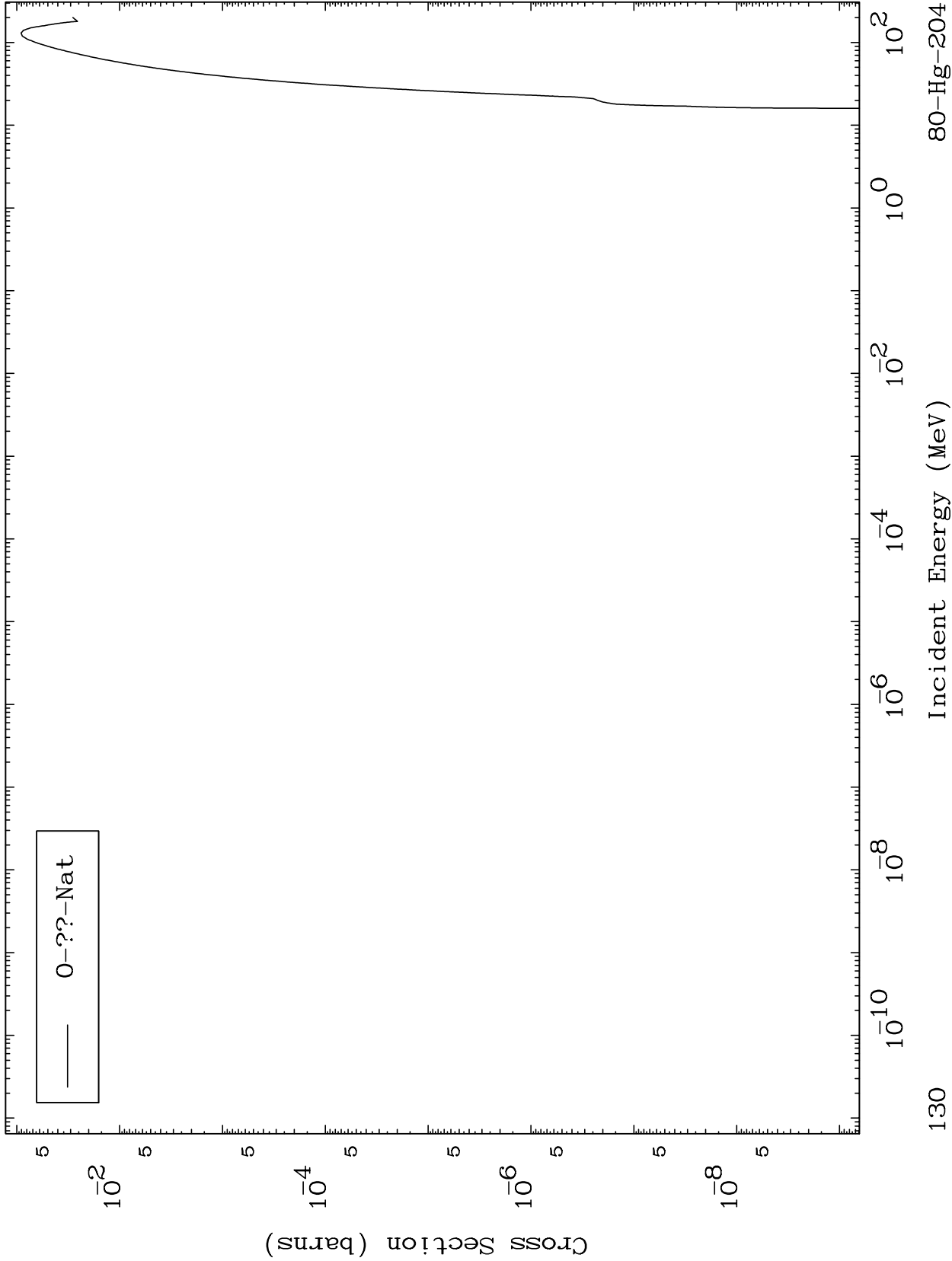
80-Hg-204



MAT 8049

Fission  
Radionuclide Production Cross Section

80-Hg-204

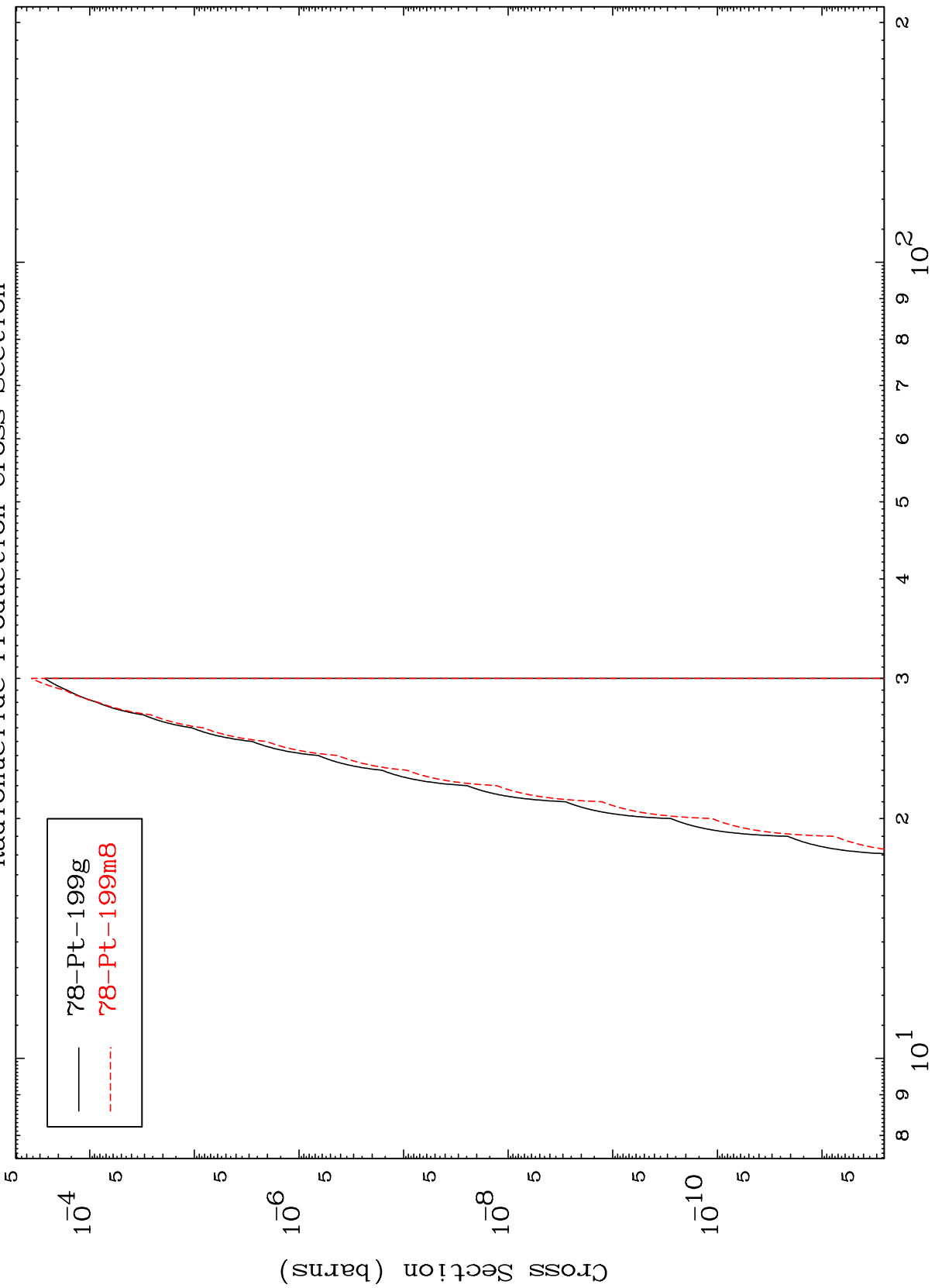


MAT 8049

$(n,2n) \alpha$

80-Hg-204

Radionuclide Production Cross Section



131

Incident Energy (MeV)

80-Hg-204