

Program EVALPLOT  
(Version 2021-1)

by

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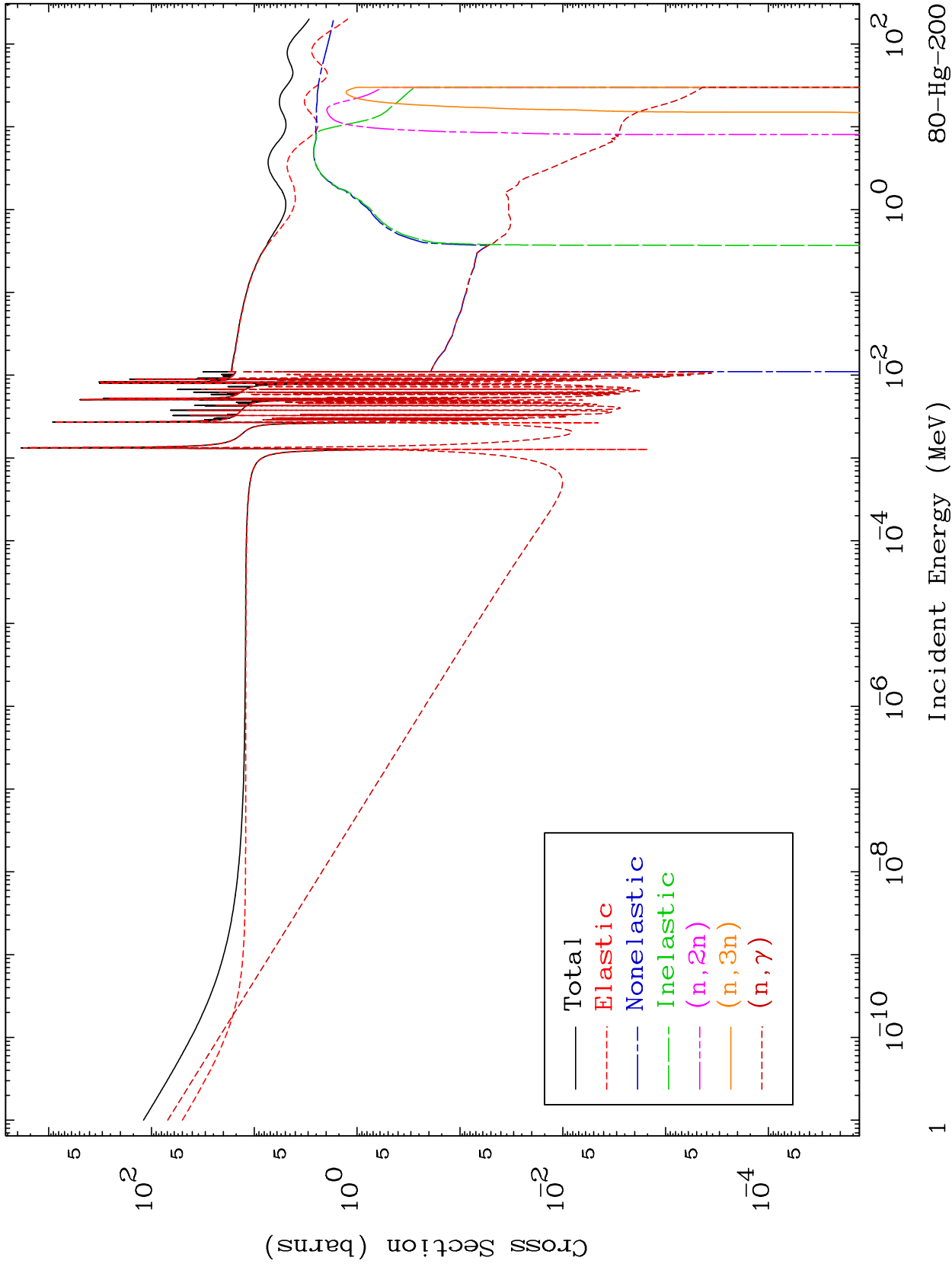
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8037

Neutron Major  
293 Kelvin Cross Sections

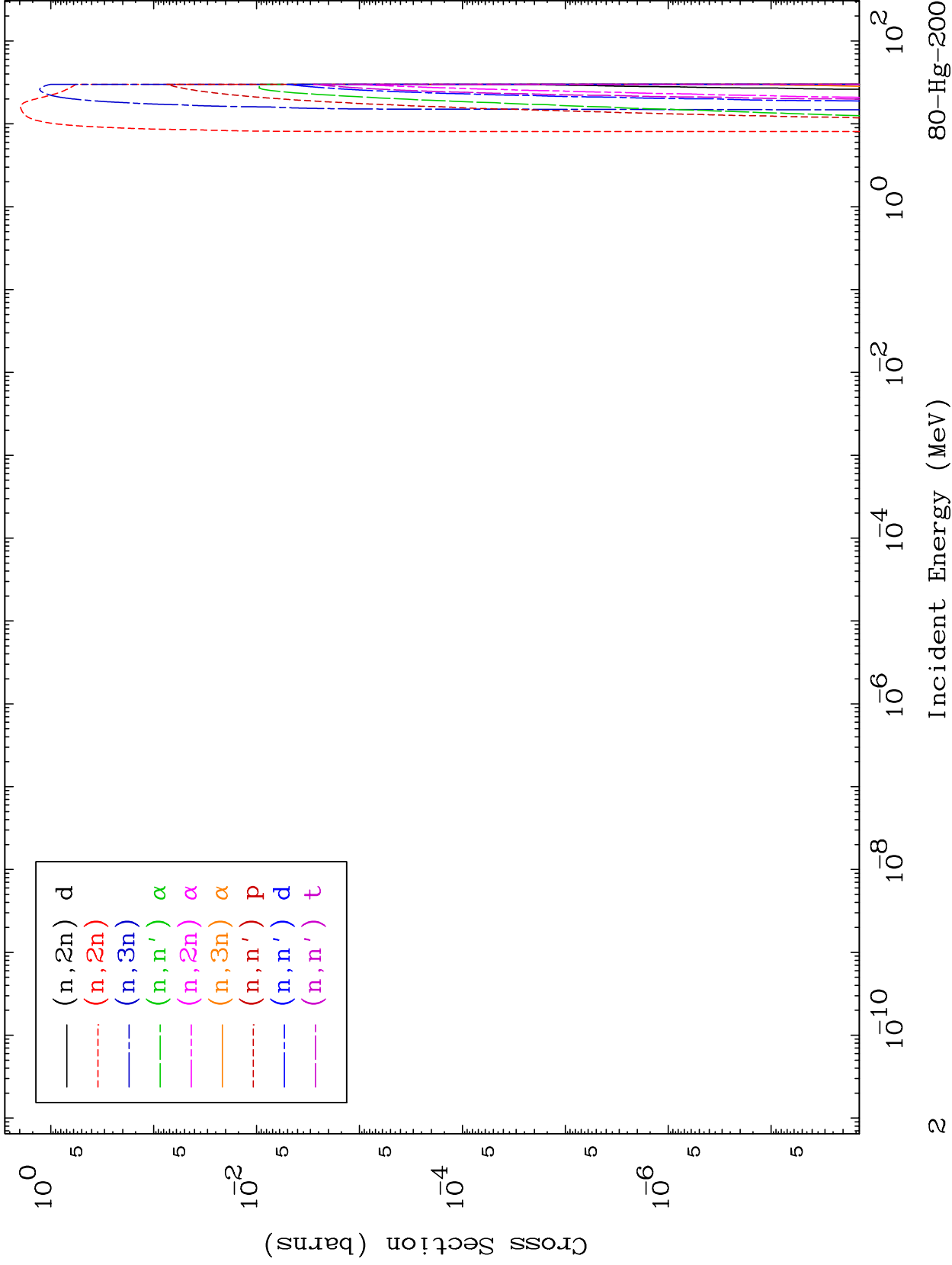
80-Hg-200

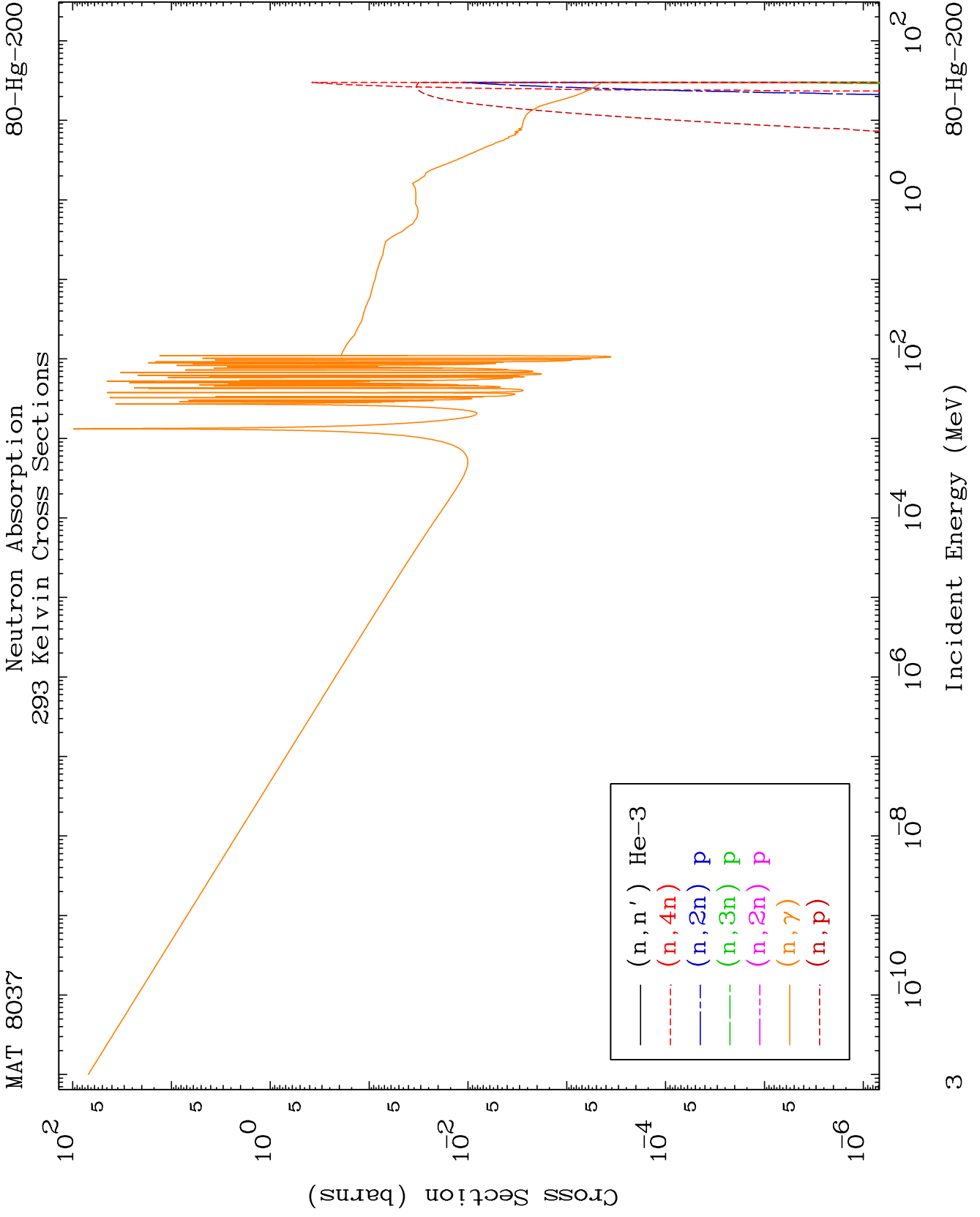


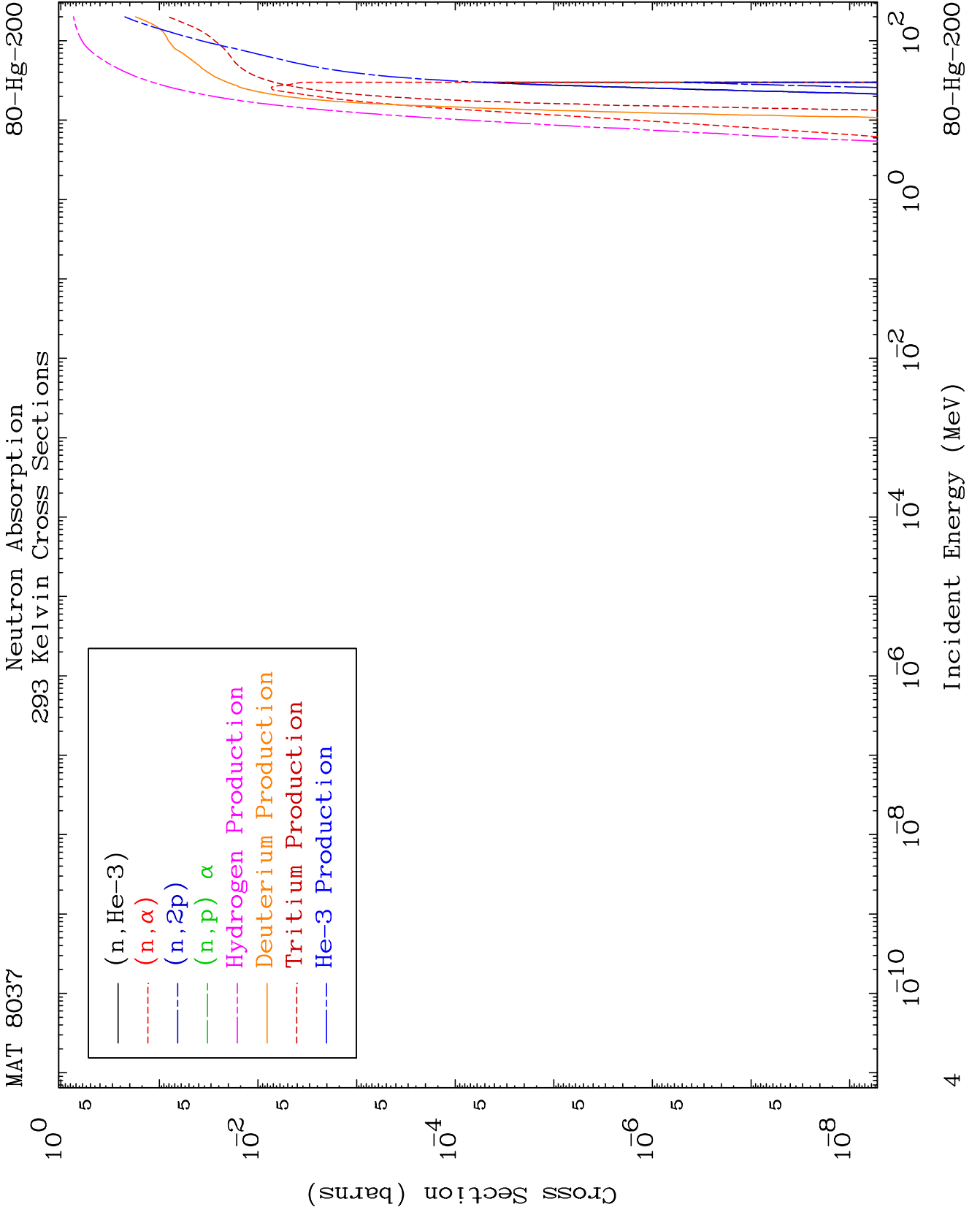
MAT 8037

Neutron Absorption  
293 Kelvin Cross Sections

80-Hg-200



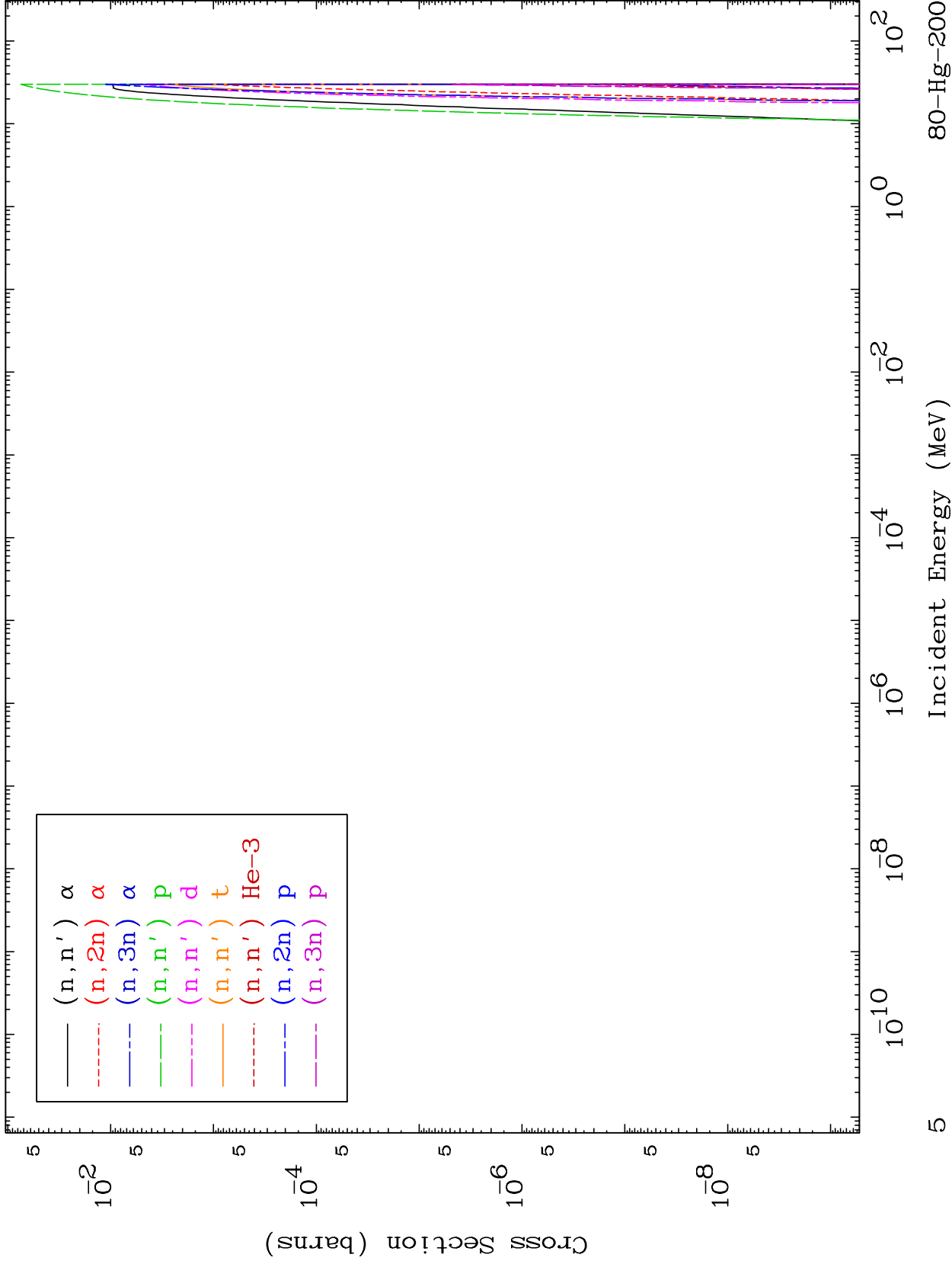




MAT 8037

Charged Particle  
293 Kelvin Cross Sections

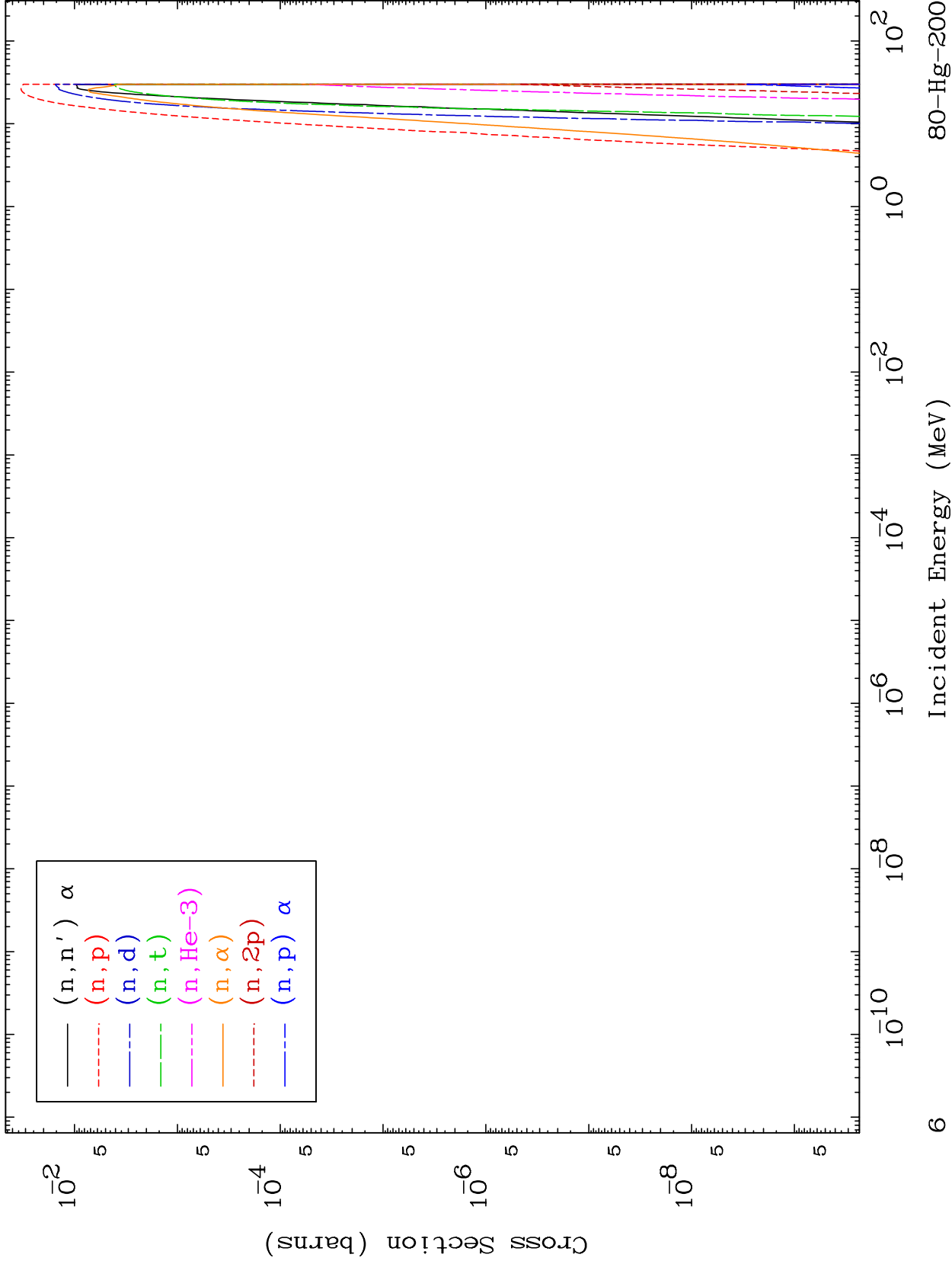
80-Hg-200



MAT 8037

Charged Particle  
293 Kelvin Cross Sections

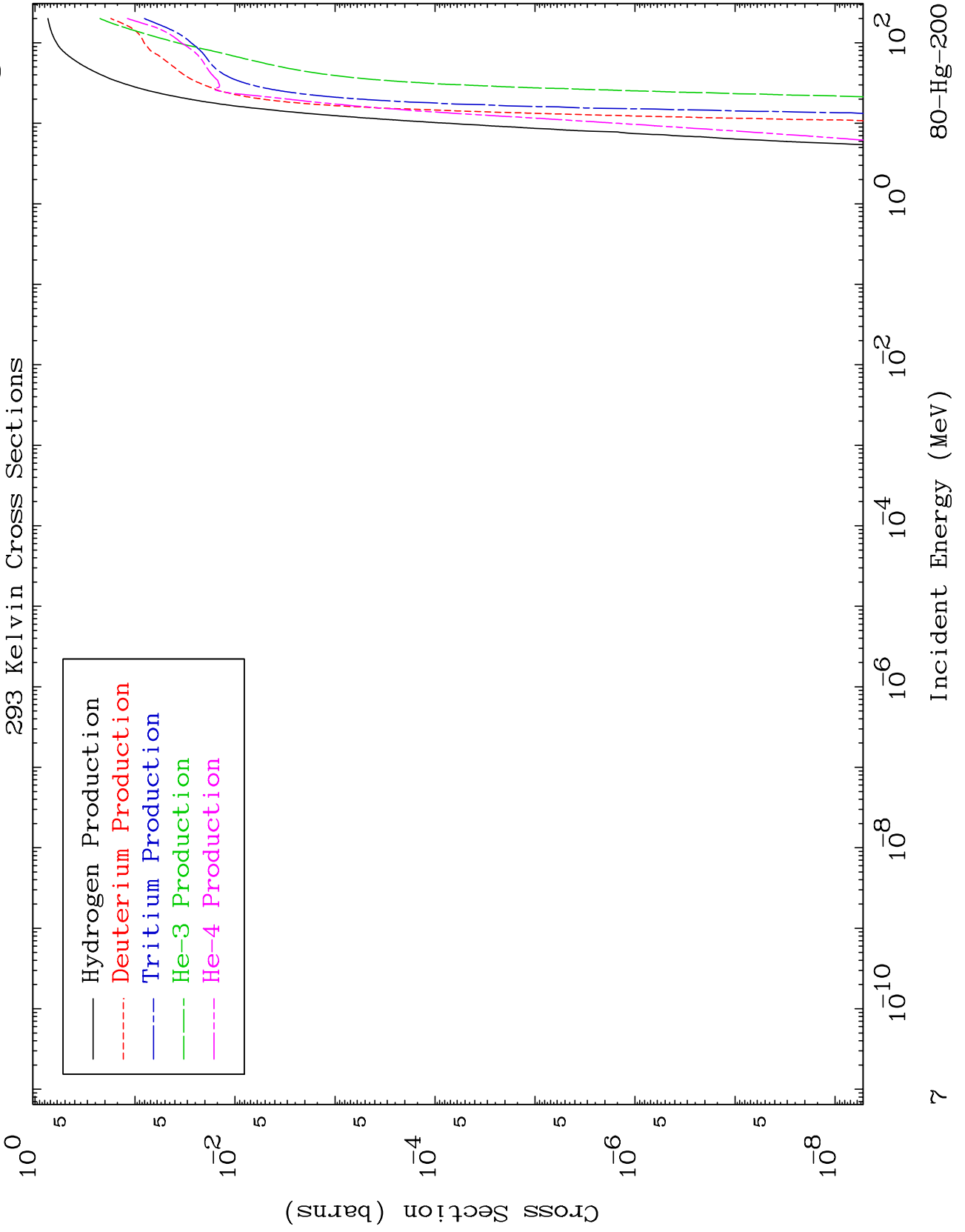
80-Hg-200



MAT 8037

Particle Production  
293 Kelvin Cross Sections

80-Hg-200



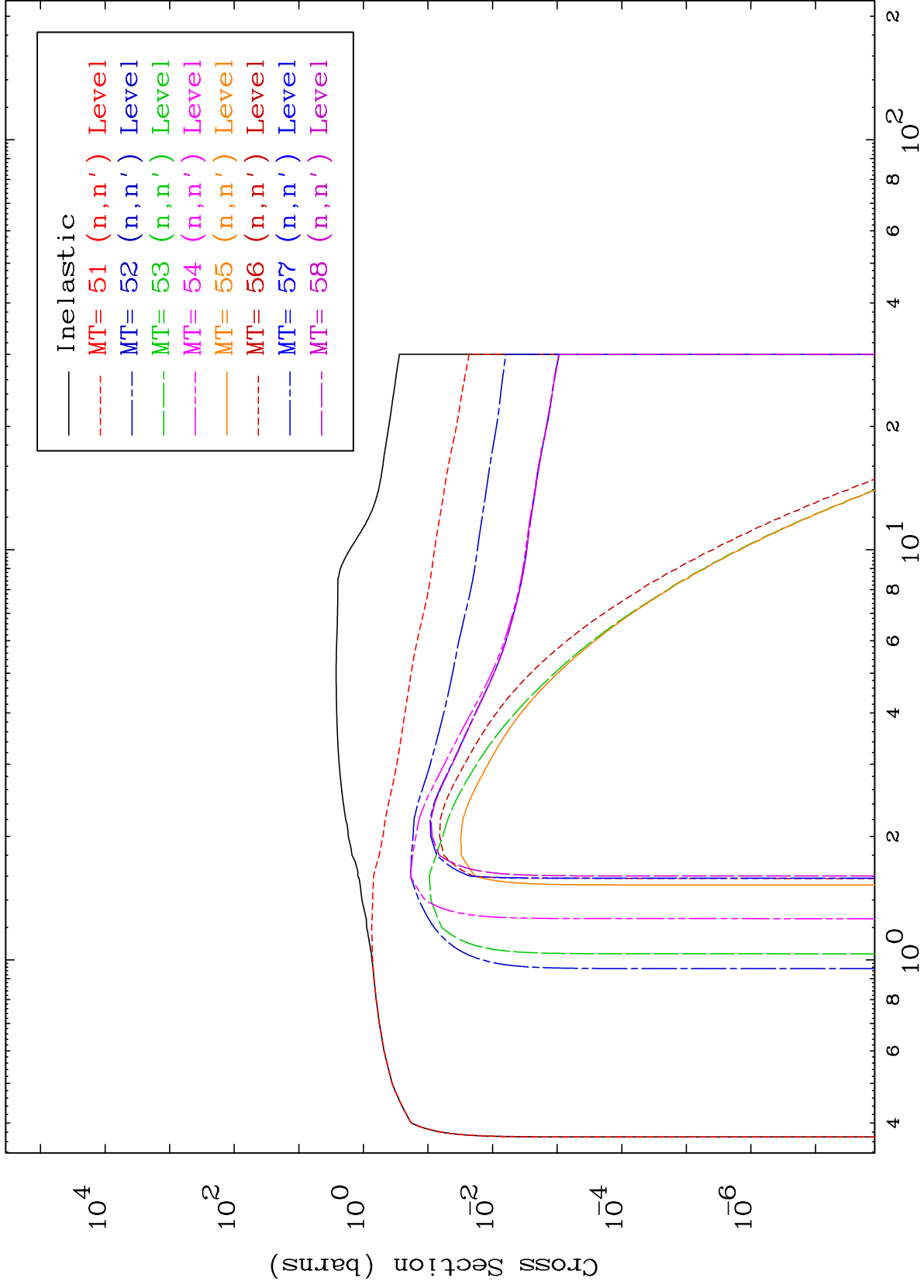


MAT 8037

(n,n') Levels

80-Hg-200

293 Kelvin Cross Sections



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Incident Energy (MeV)

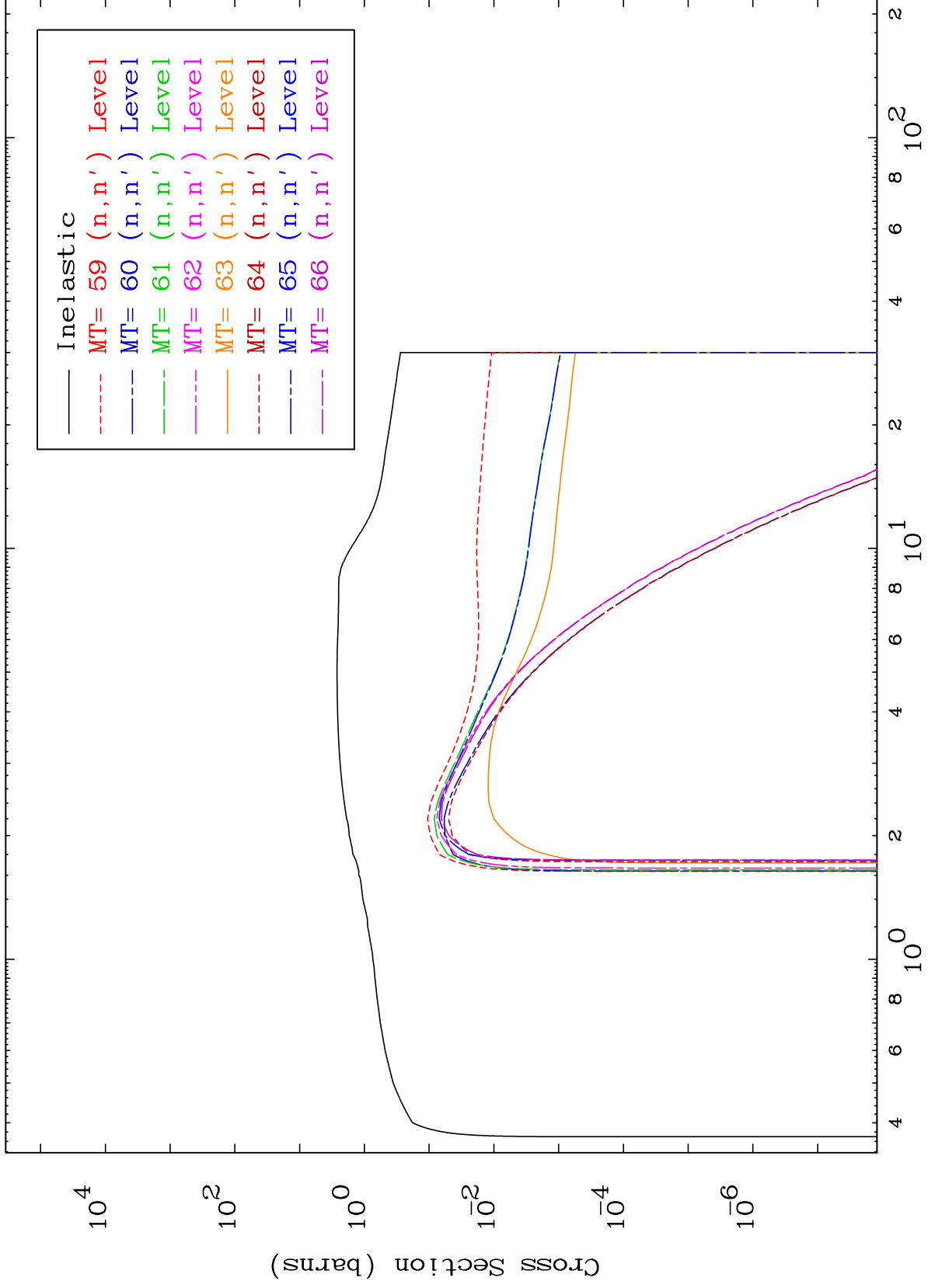
80-Hg-200

MAT 8037

(n,n') Levels

80-Hg-200

293 Kelvin Cross Sections

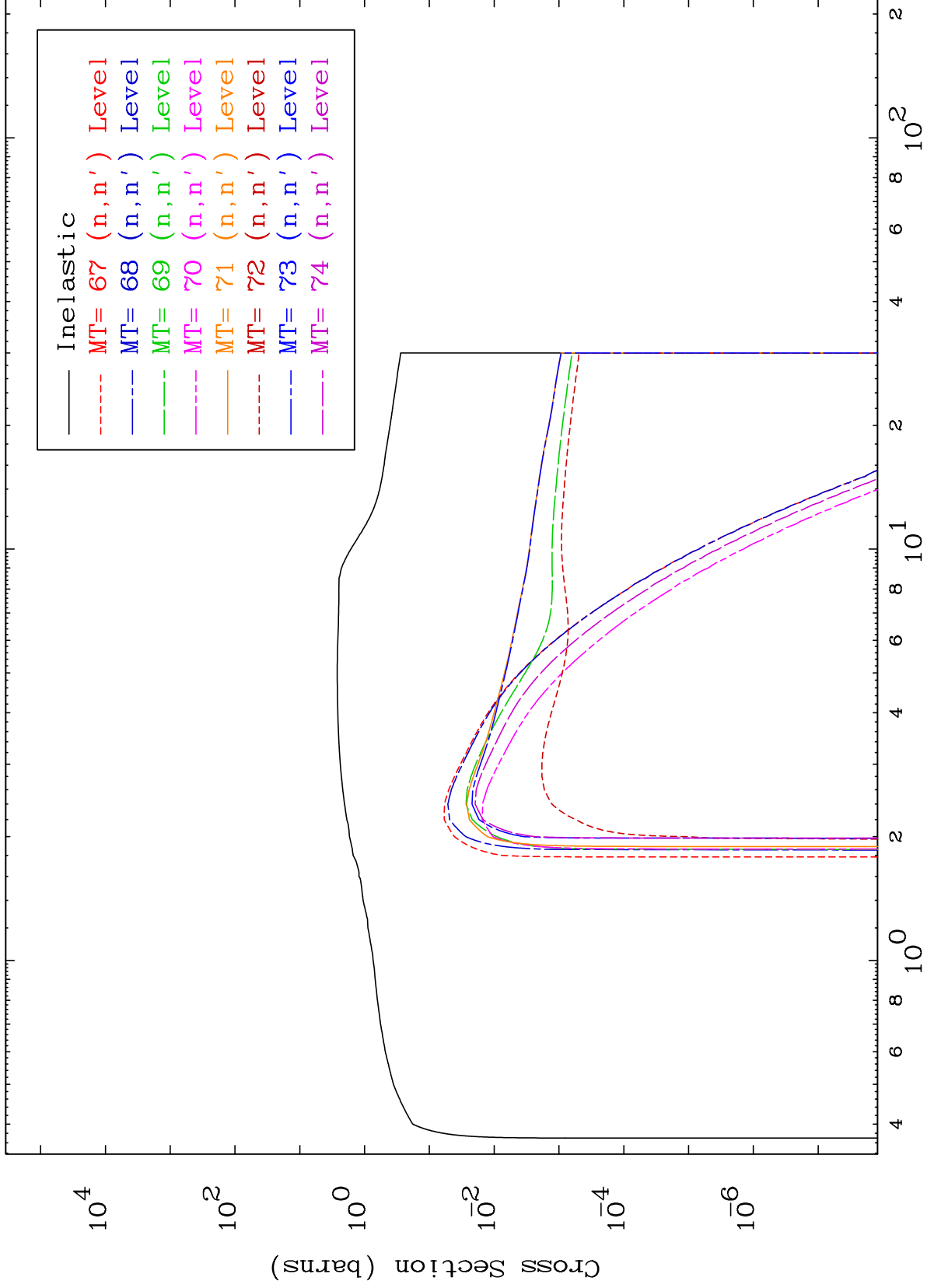


MAT 8037

(n,n') Levels

80-Hg-200

293 Kelvin Cross Sections



10

Incident Energy (MeV)

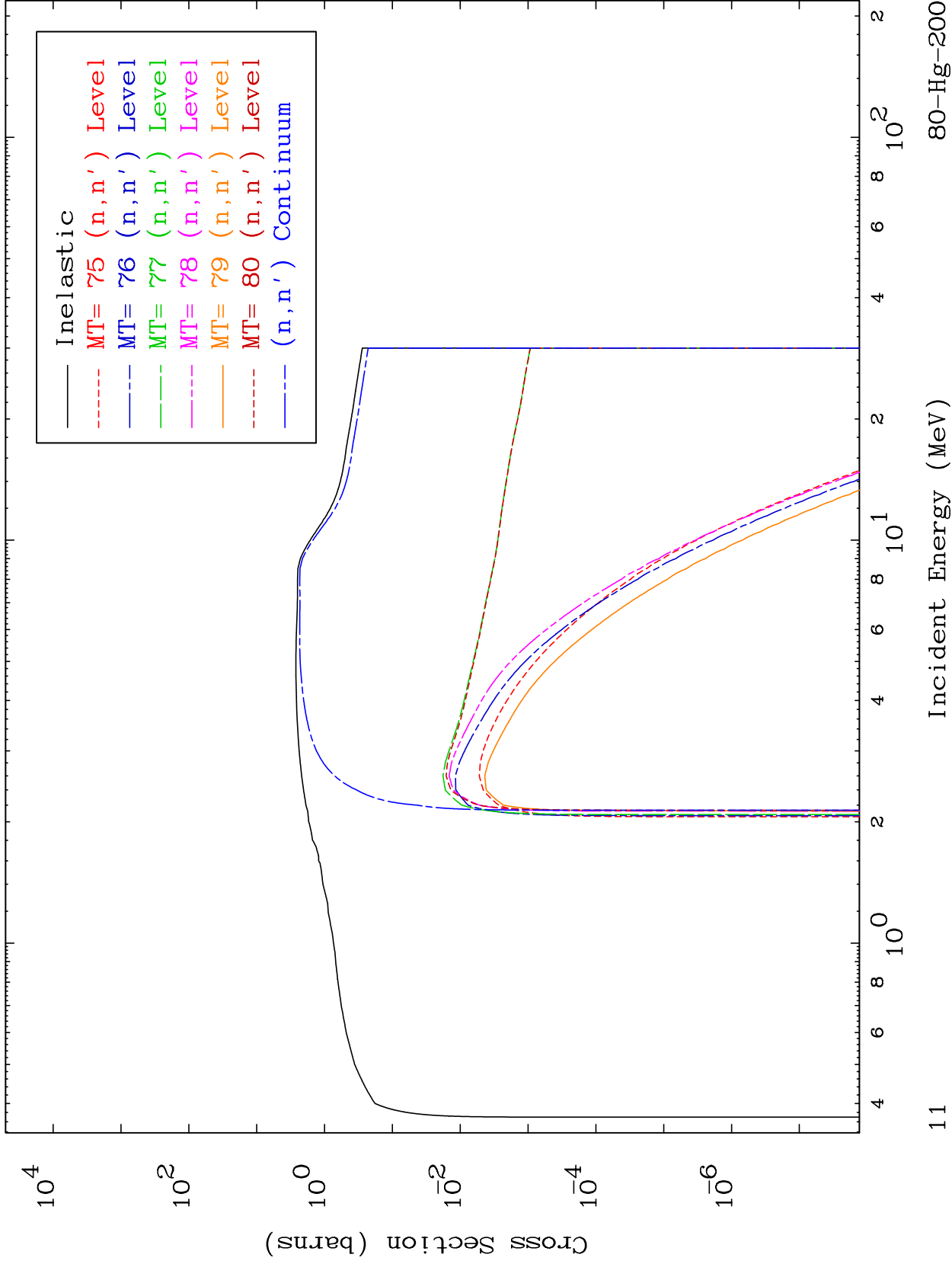
80-Hg-200

MAT 8037

(n,n') Levels

80-Hg-200

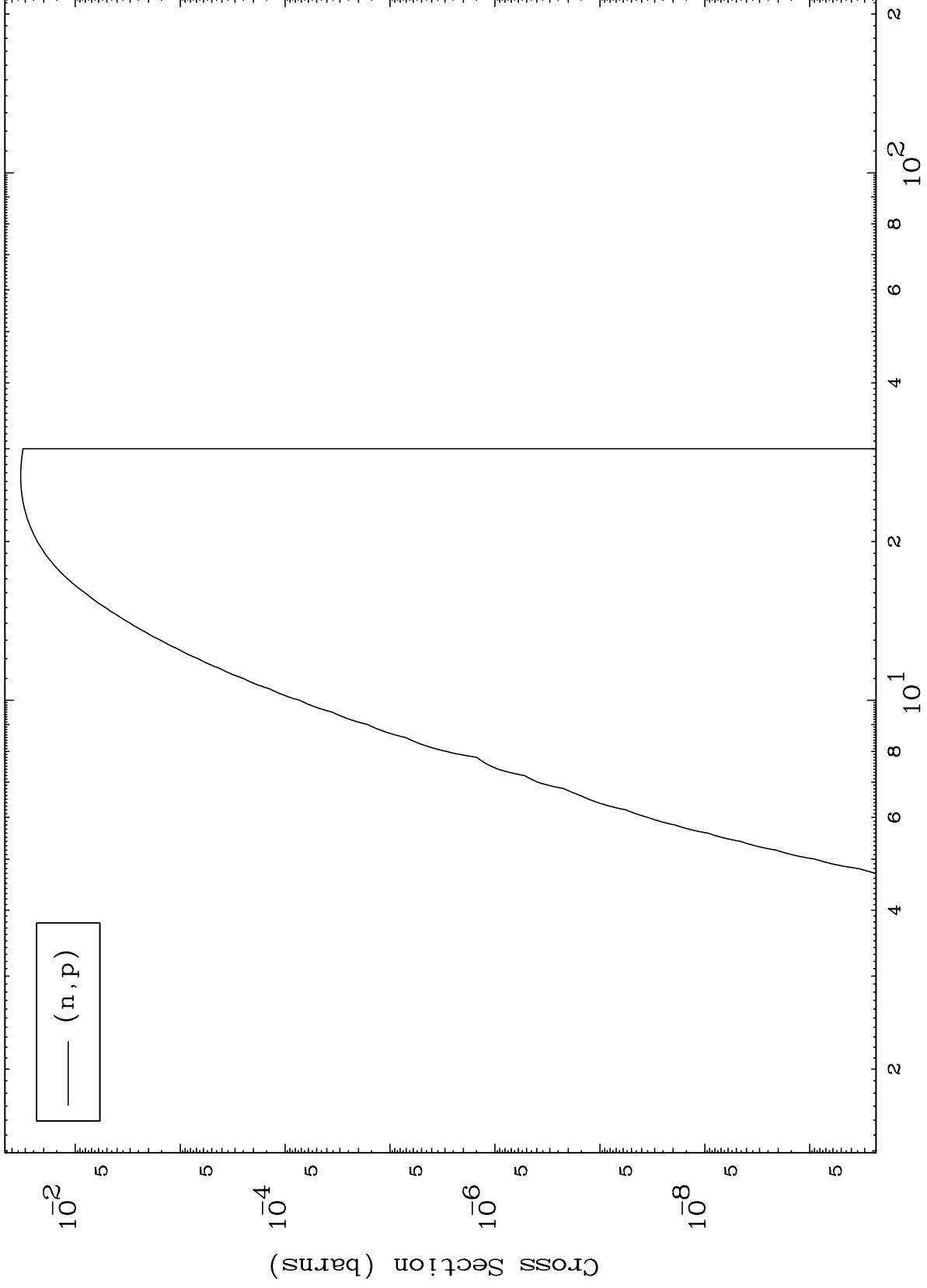
293 Kelvin Cross Sections



MAT 8037

(n,p) Levels  
293 Kelvin Cross Sections

80-Hg-200



12

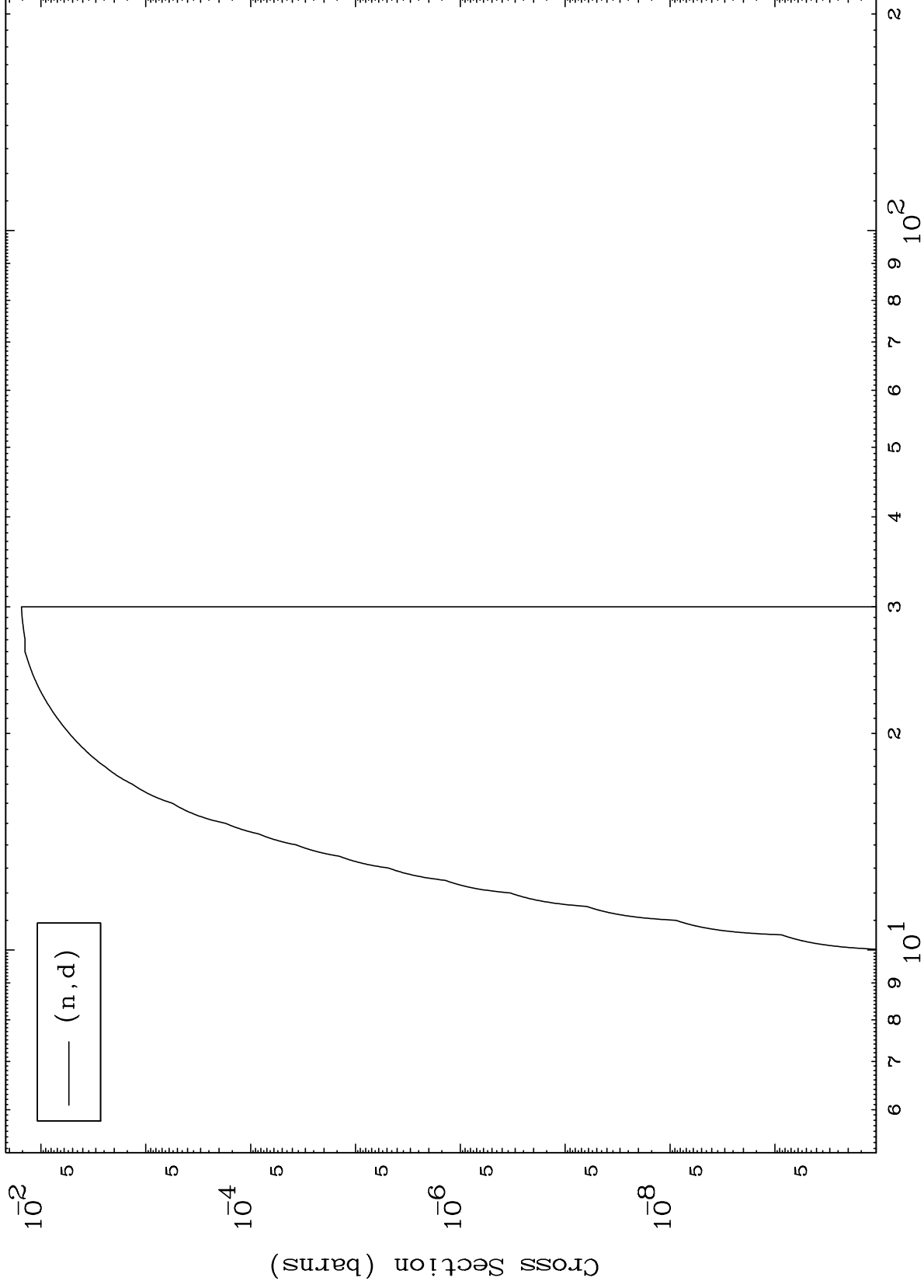
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,d) Levels  
293 Kelvin Cross Sections

80-Hg-200



13

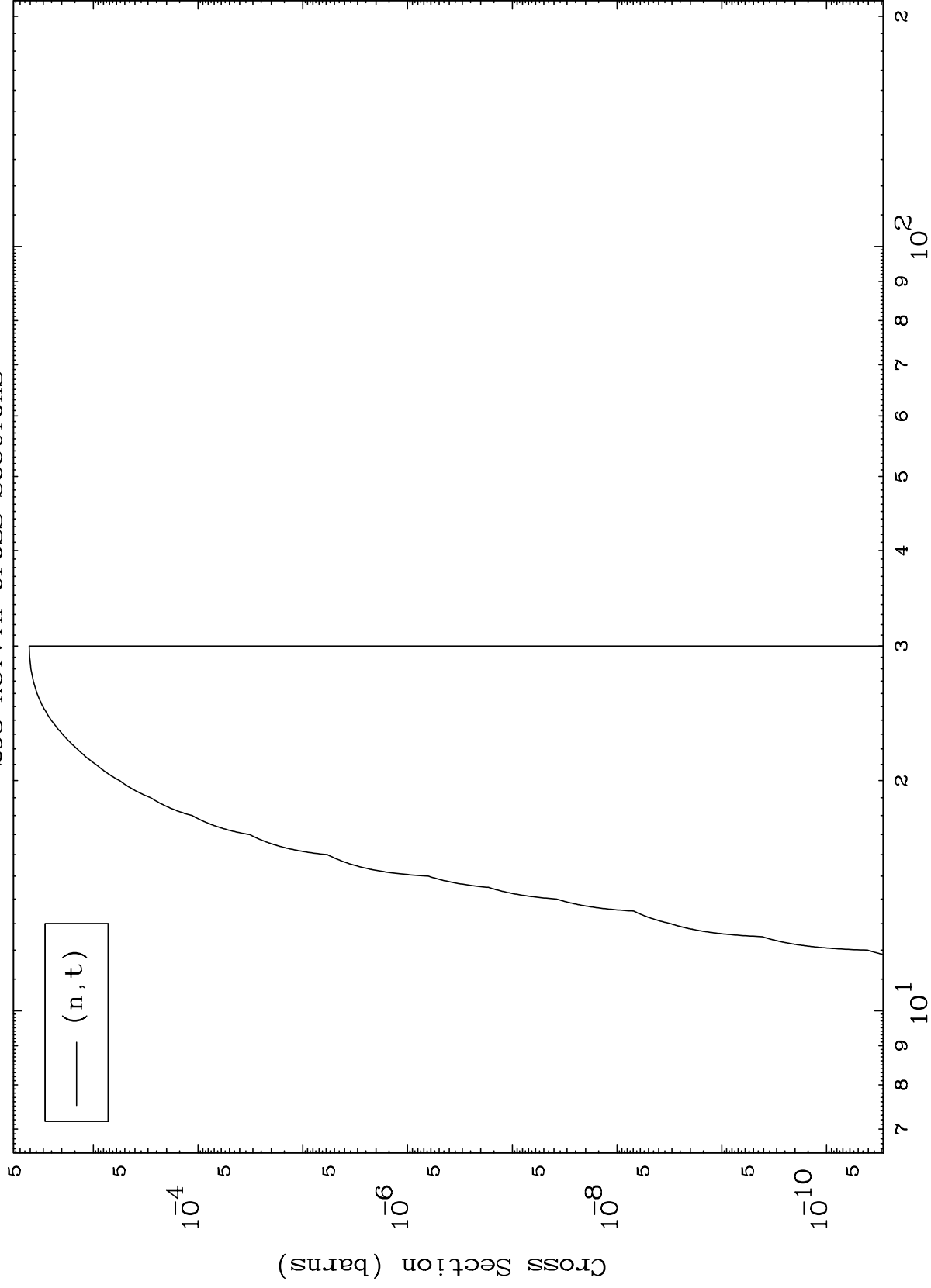
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-200



14

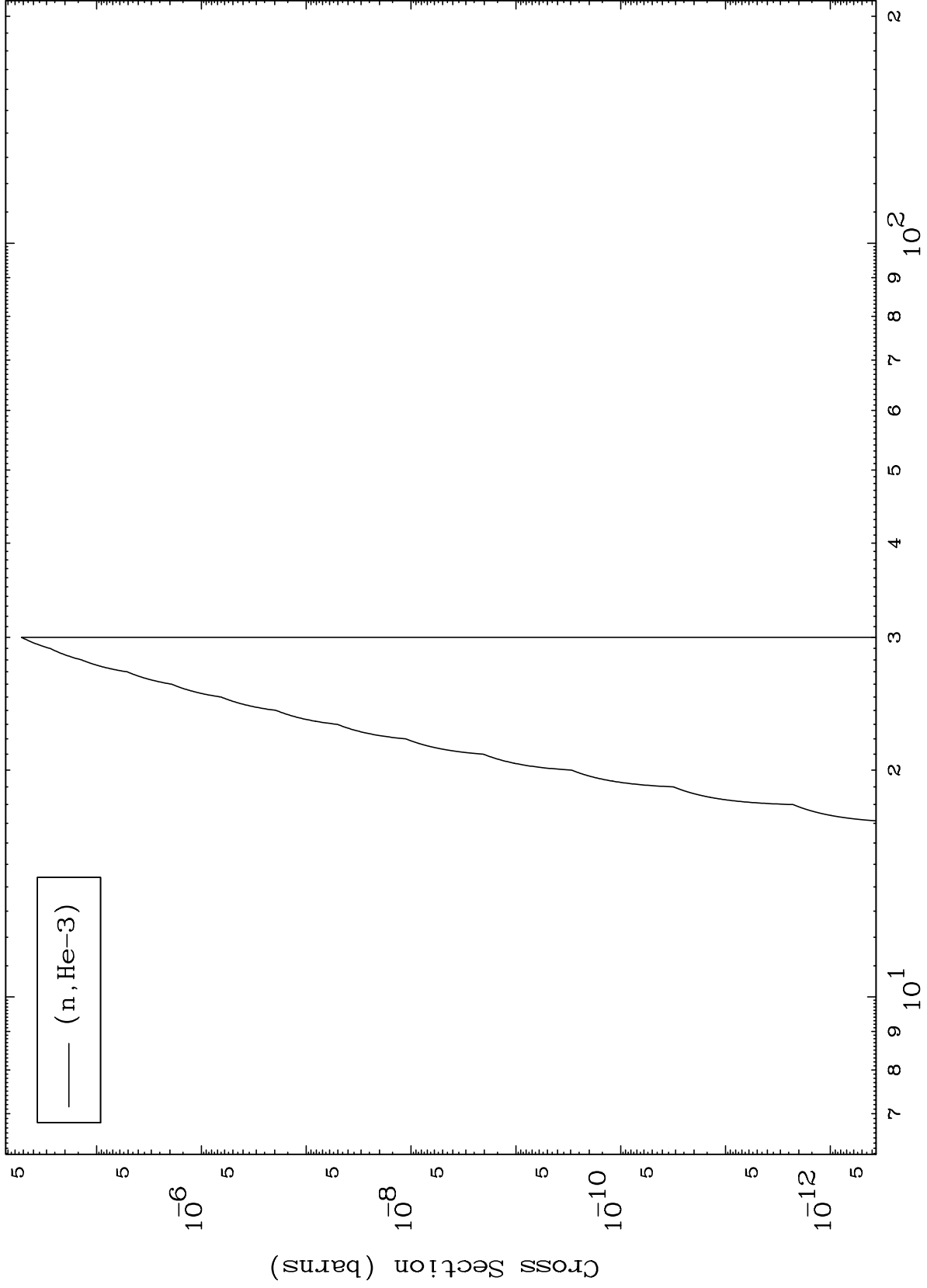
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,He3) Levels  
293 Kelvin Cross Sections

80-Hg-200

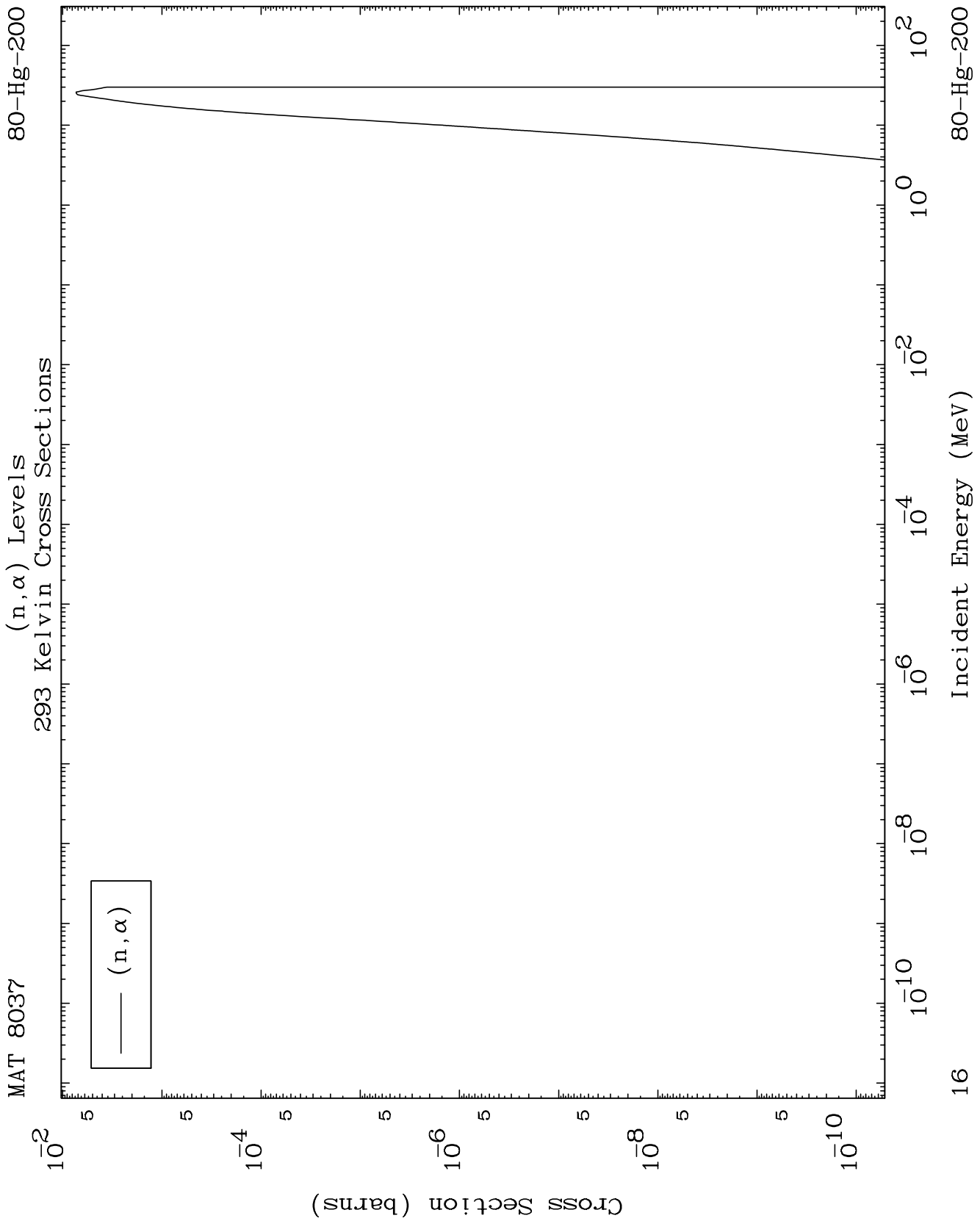


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Incident Energy (MeV)

80-Hg-200

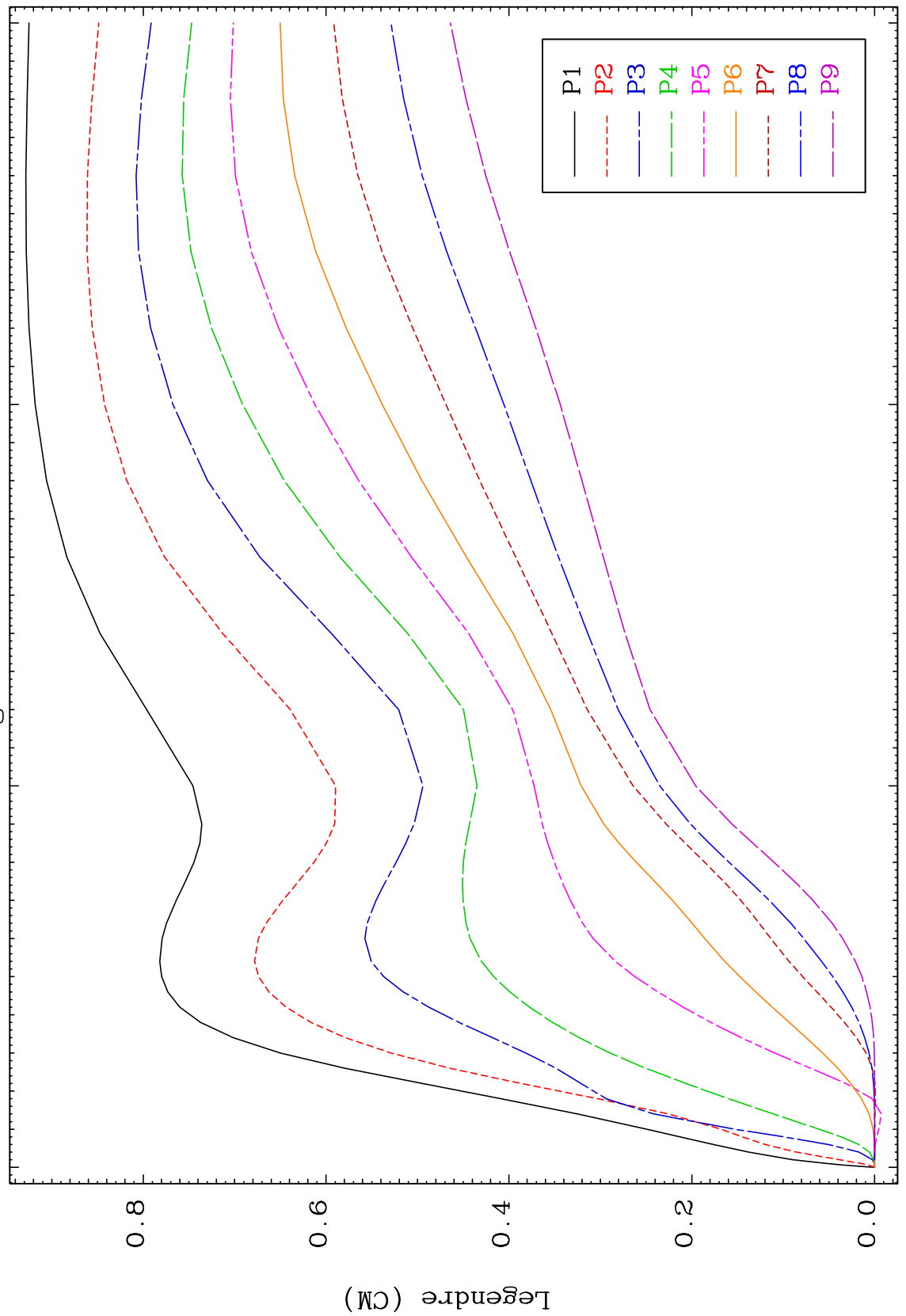




MAT 8037

Elastic Legendre Coefficients

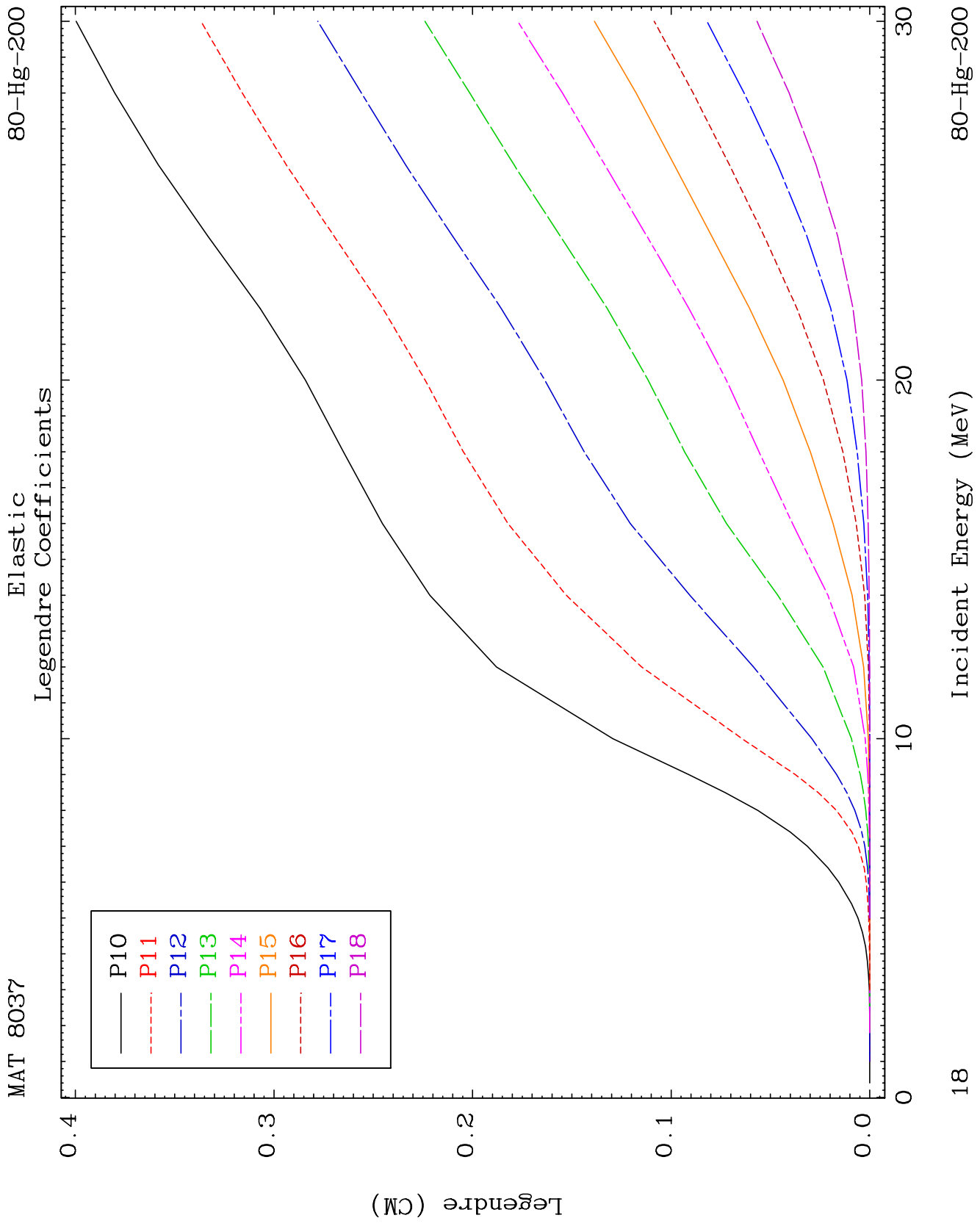
80-Hg-200



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Incident Energy (MeV)

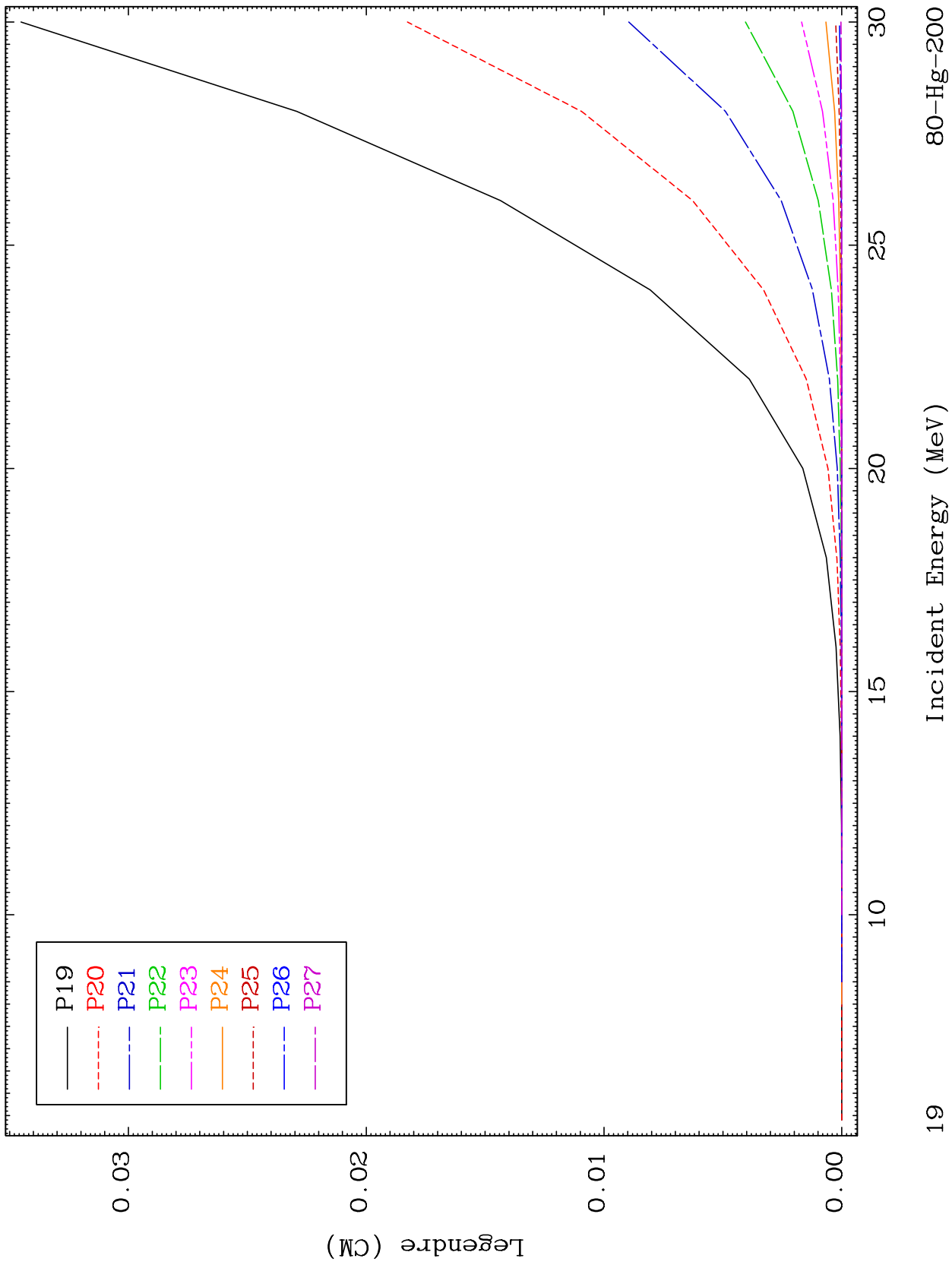
80-Hg-200



MAT 8037

Elastic  
Legendre Coefficients

80-Hg-200



19

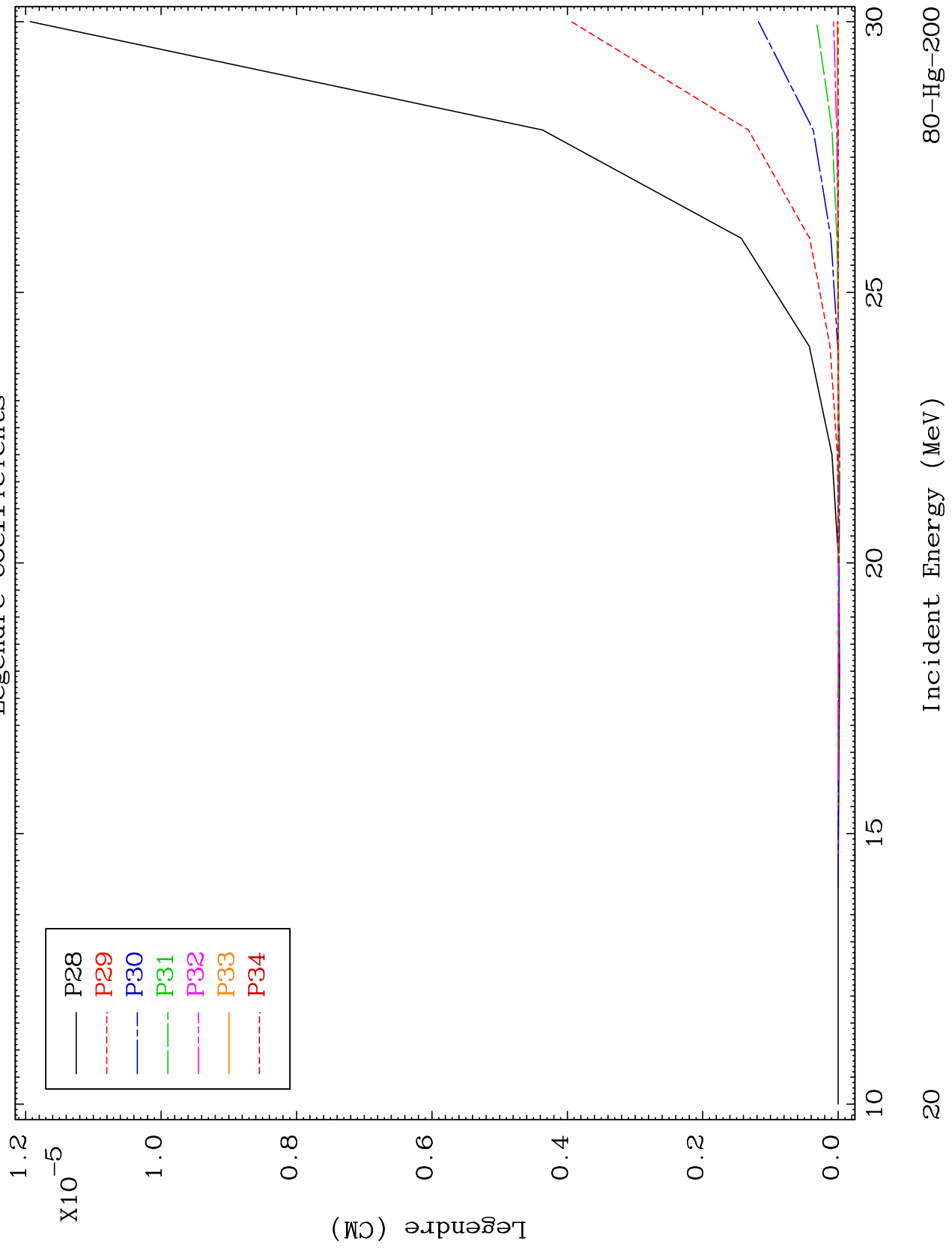
Incident Energy (MeV)

80-Hg-200

MAT 8037

Elastic Legendre Coefficients

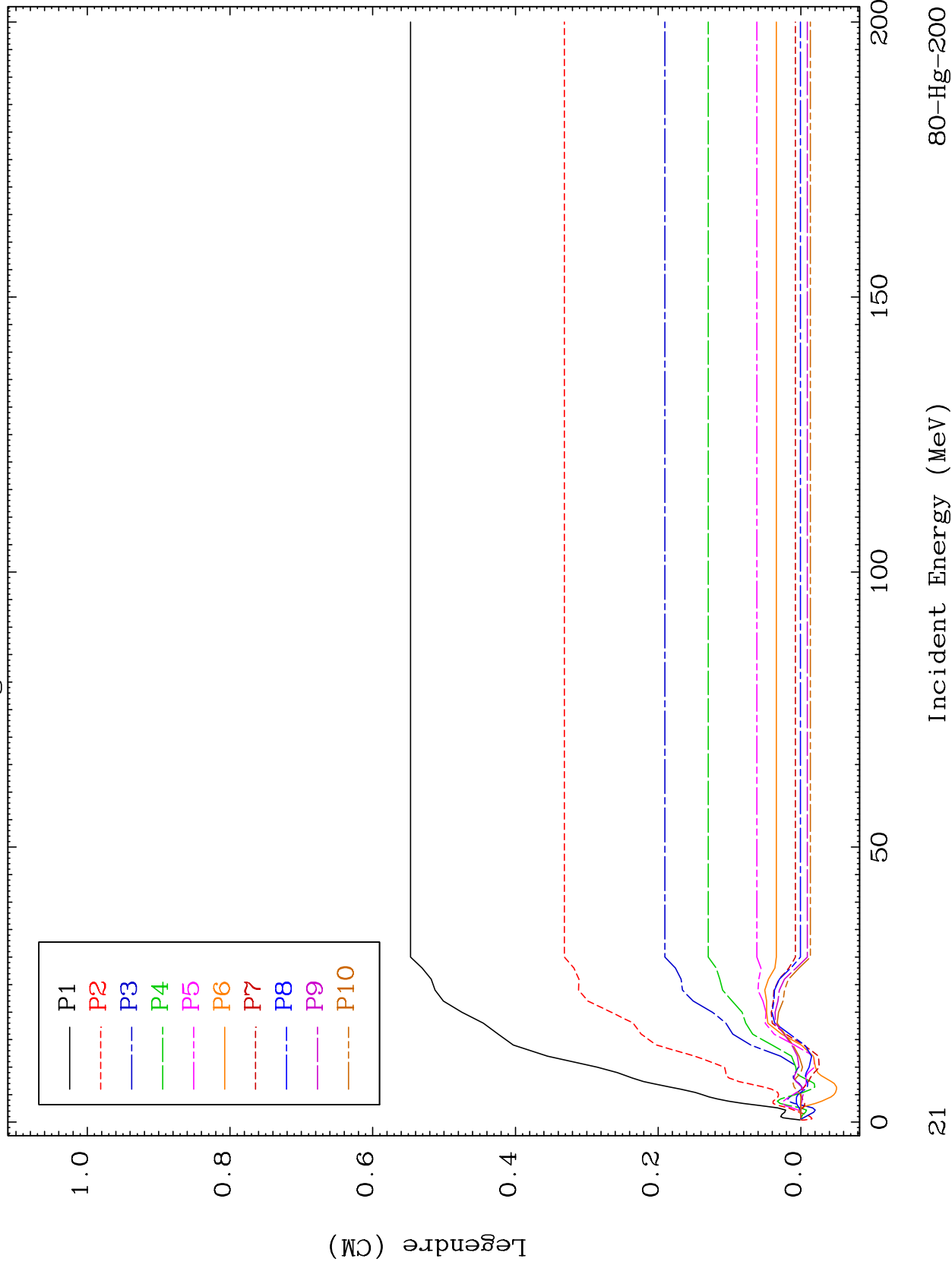
80-Hg-200



MAT 8037

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

80-Hg-200

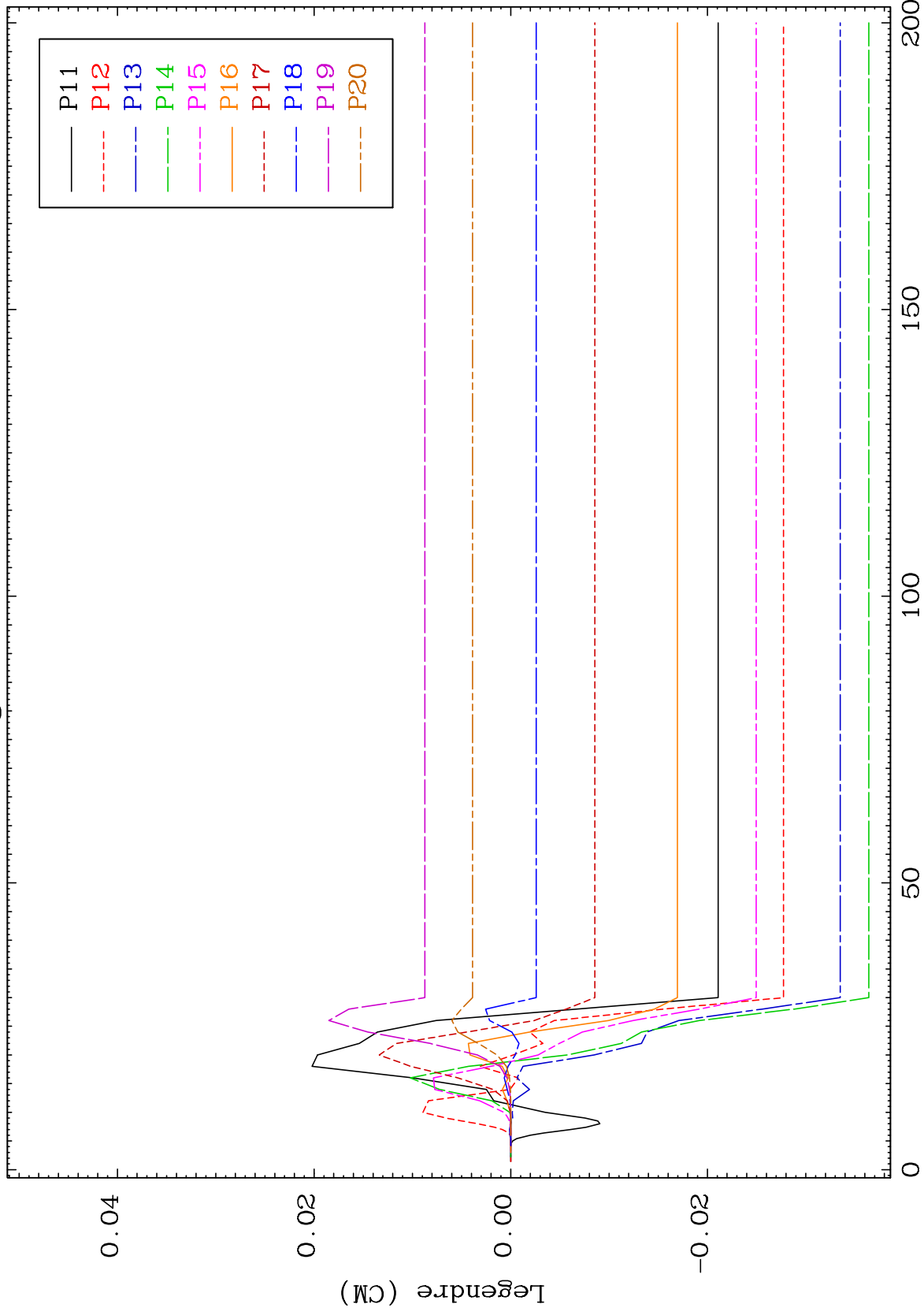


21

MAT 8037

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

80-Hg-200



22

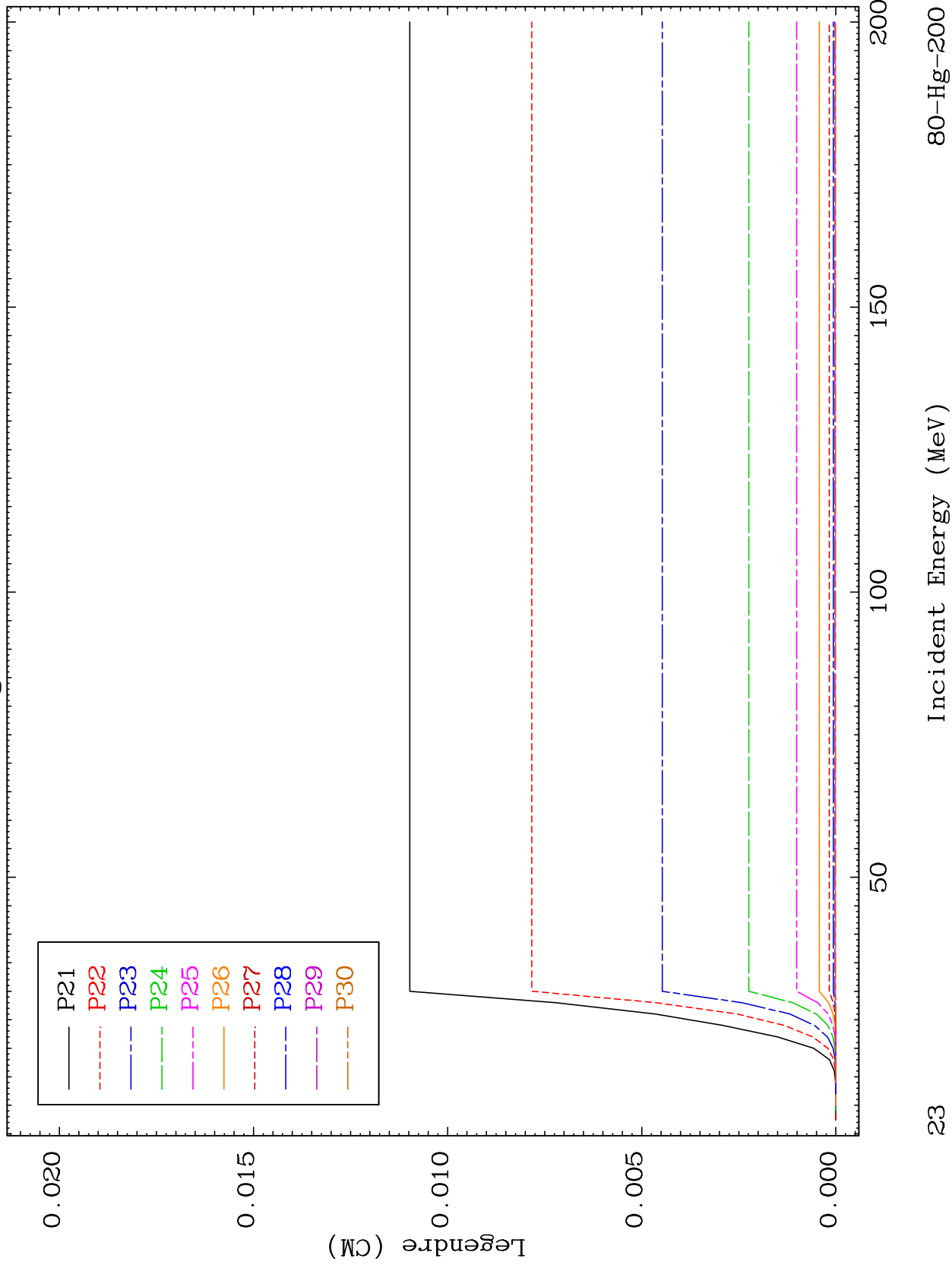
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200

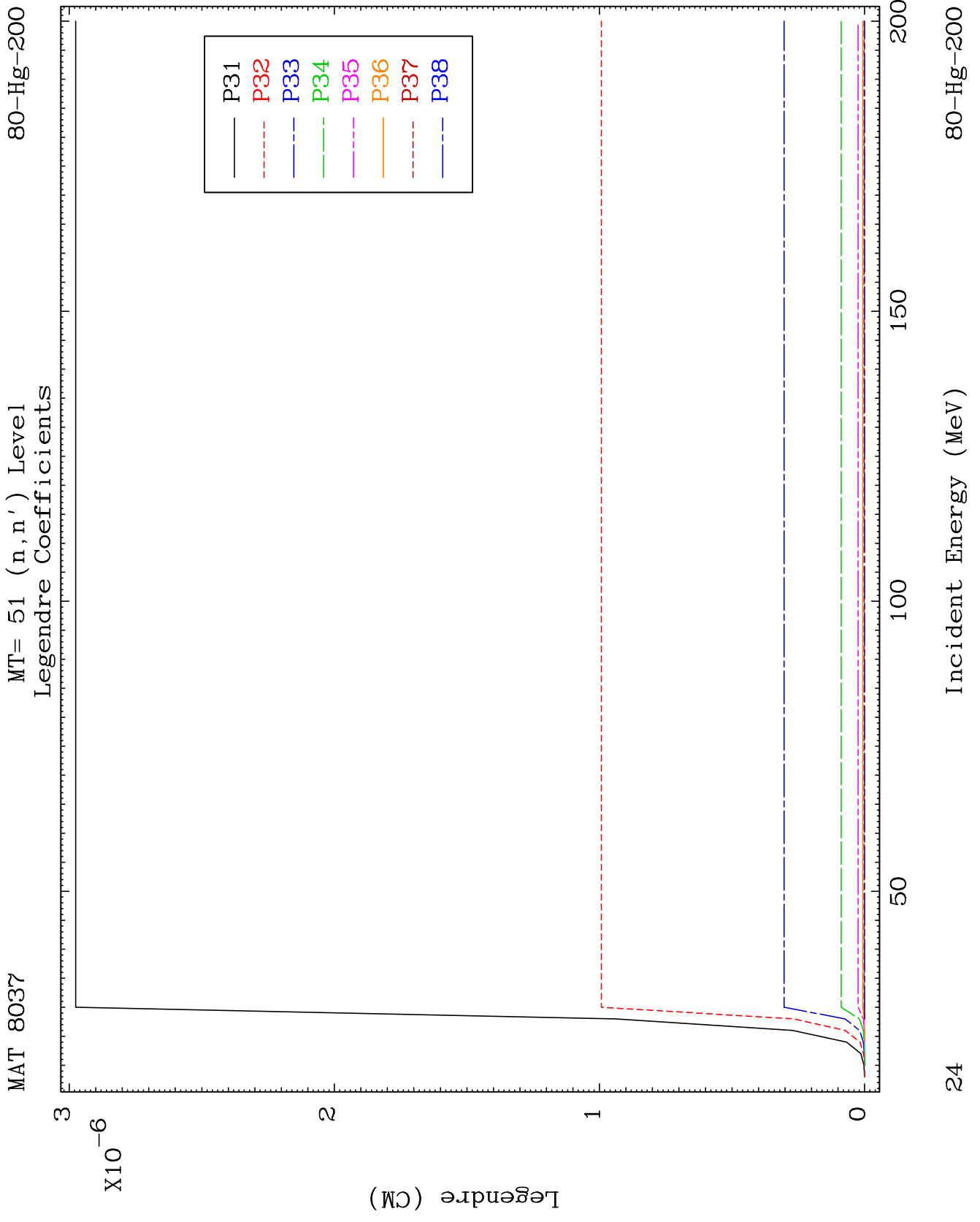


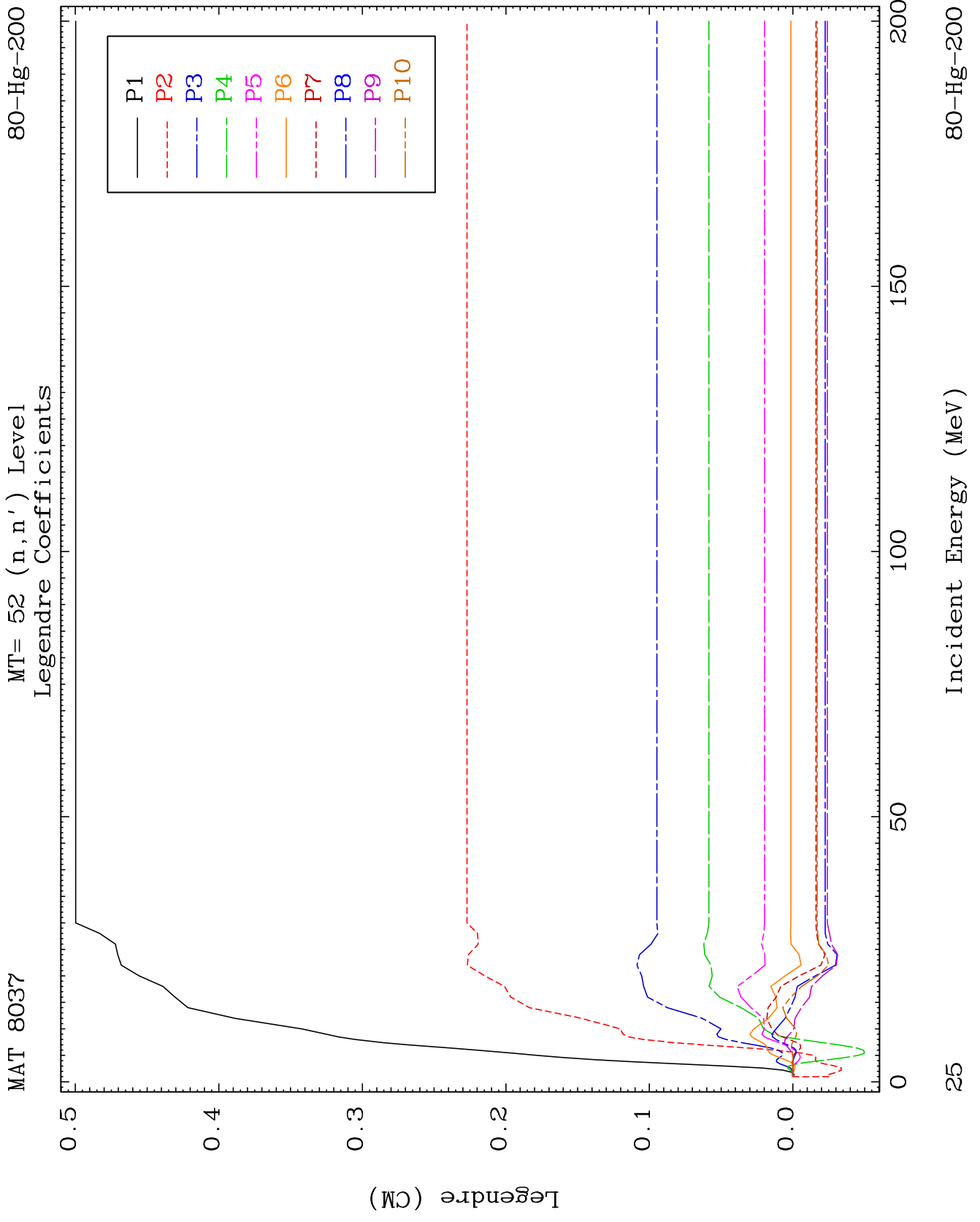
23

Incident Energy (MeV)

80-Hg-200



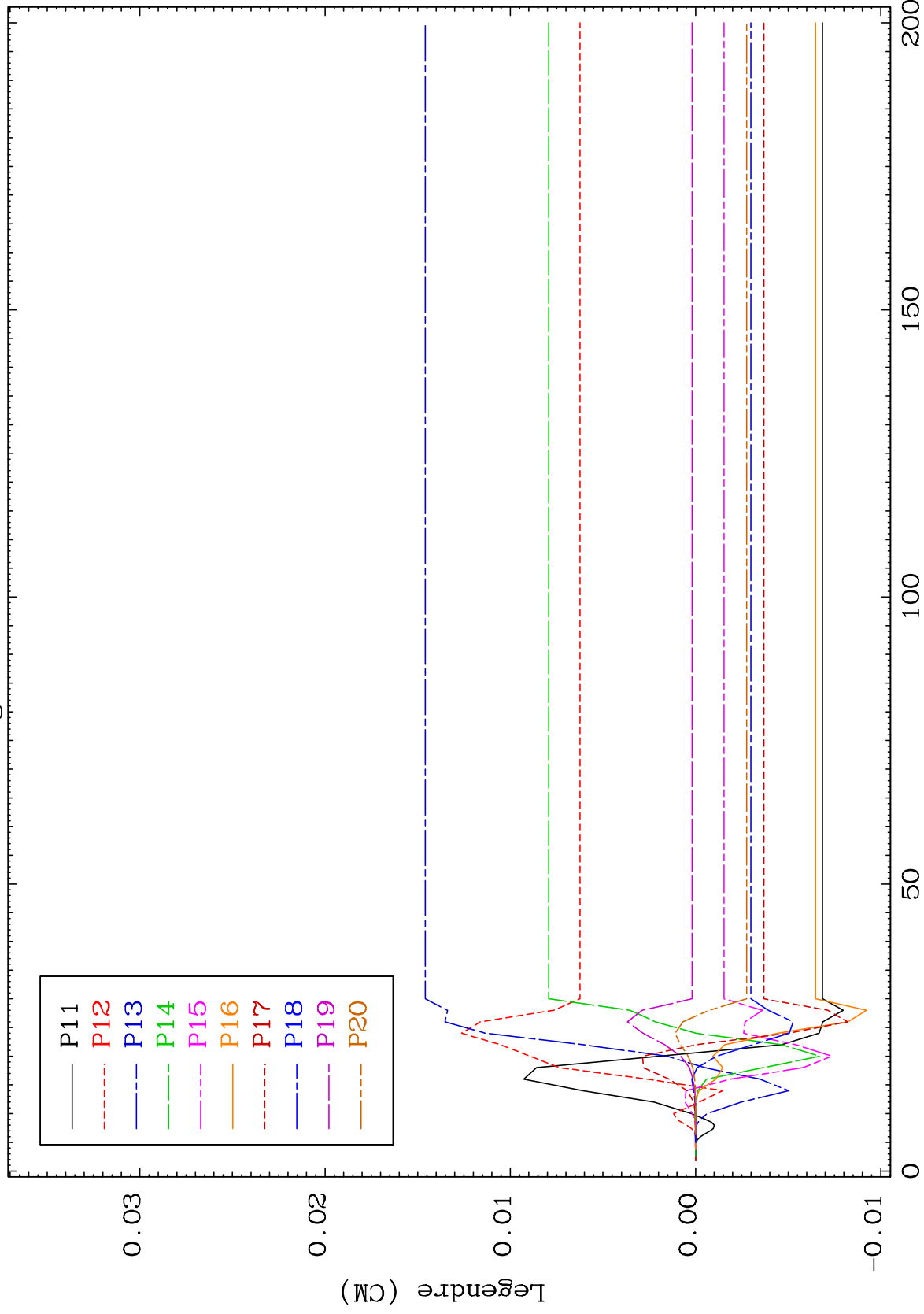




MAT 8037

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

80-Hg-200



26

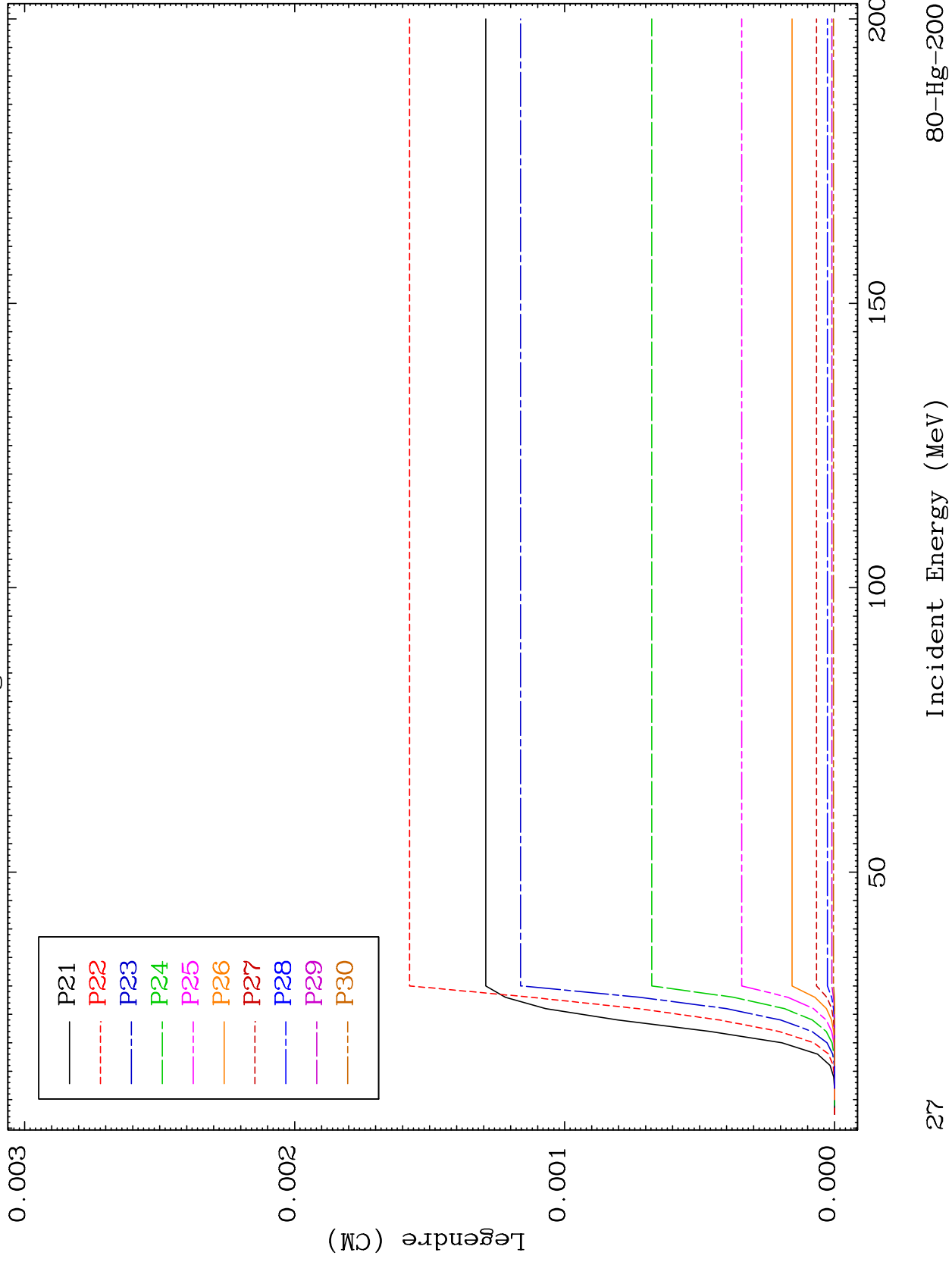
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



27

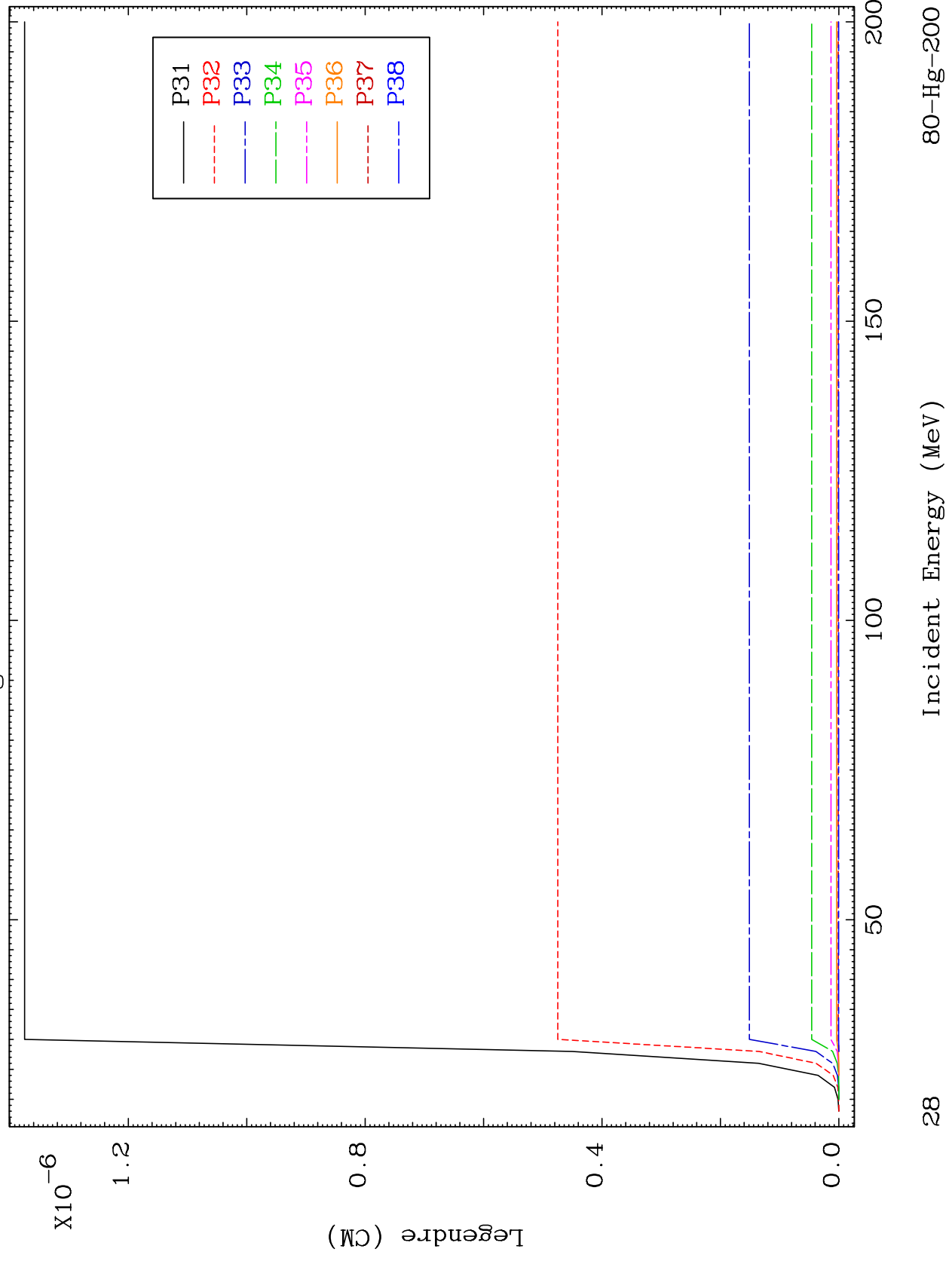
Incident Energy (MeV)

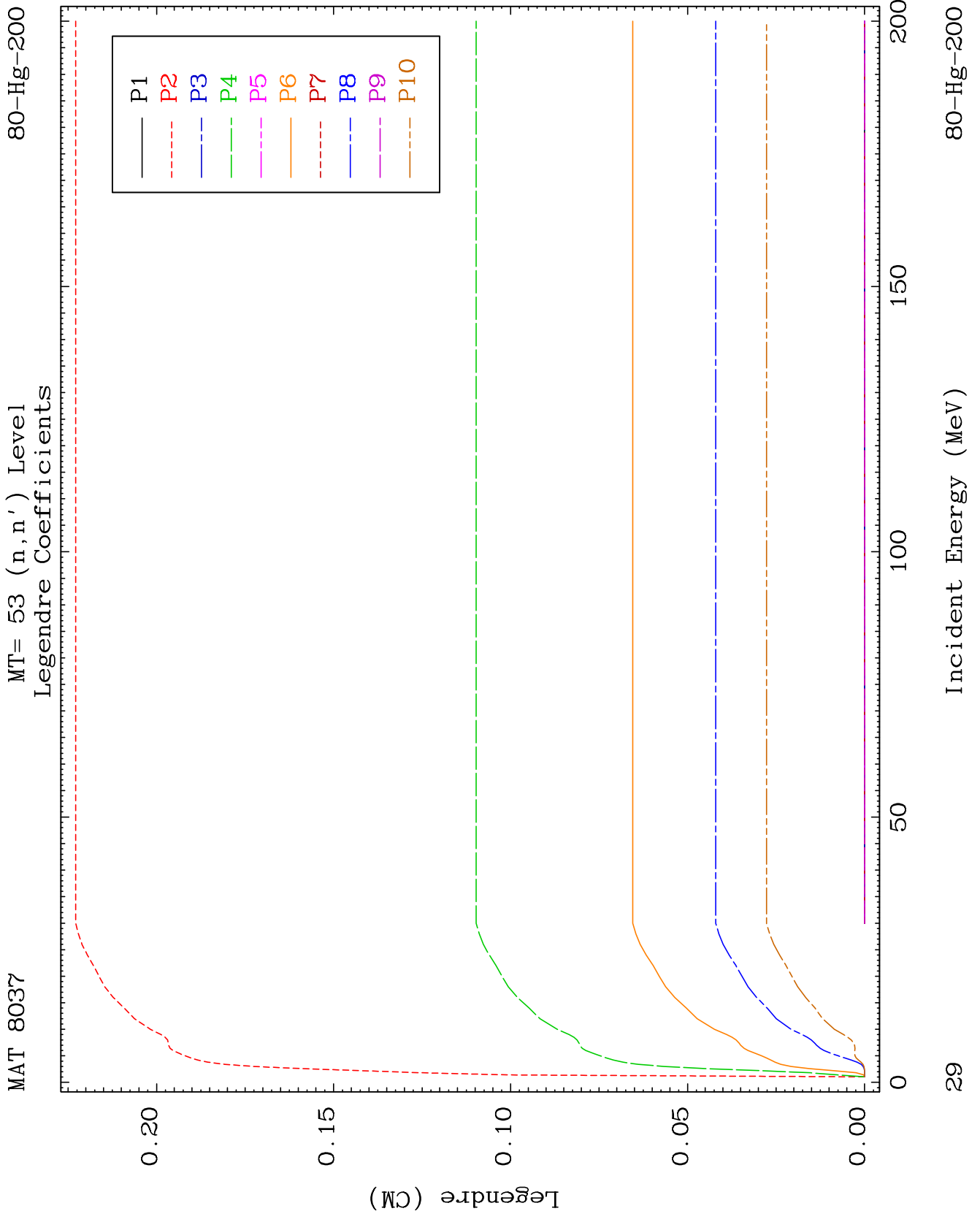
80-Hg-200

MAT 8037

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

80-Hg-200

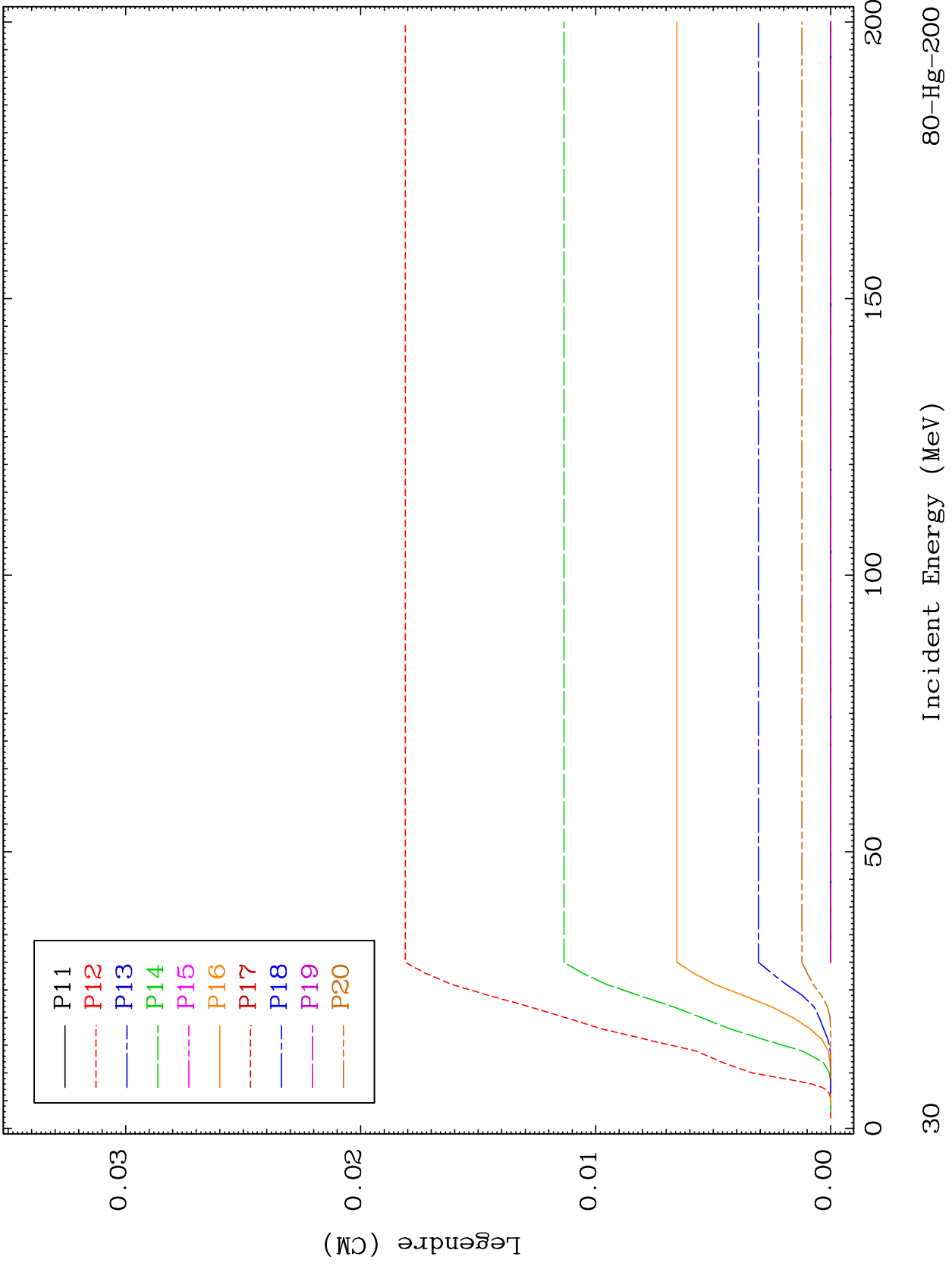




MAT 8037

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

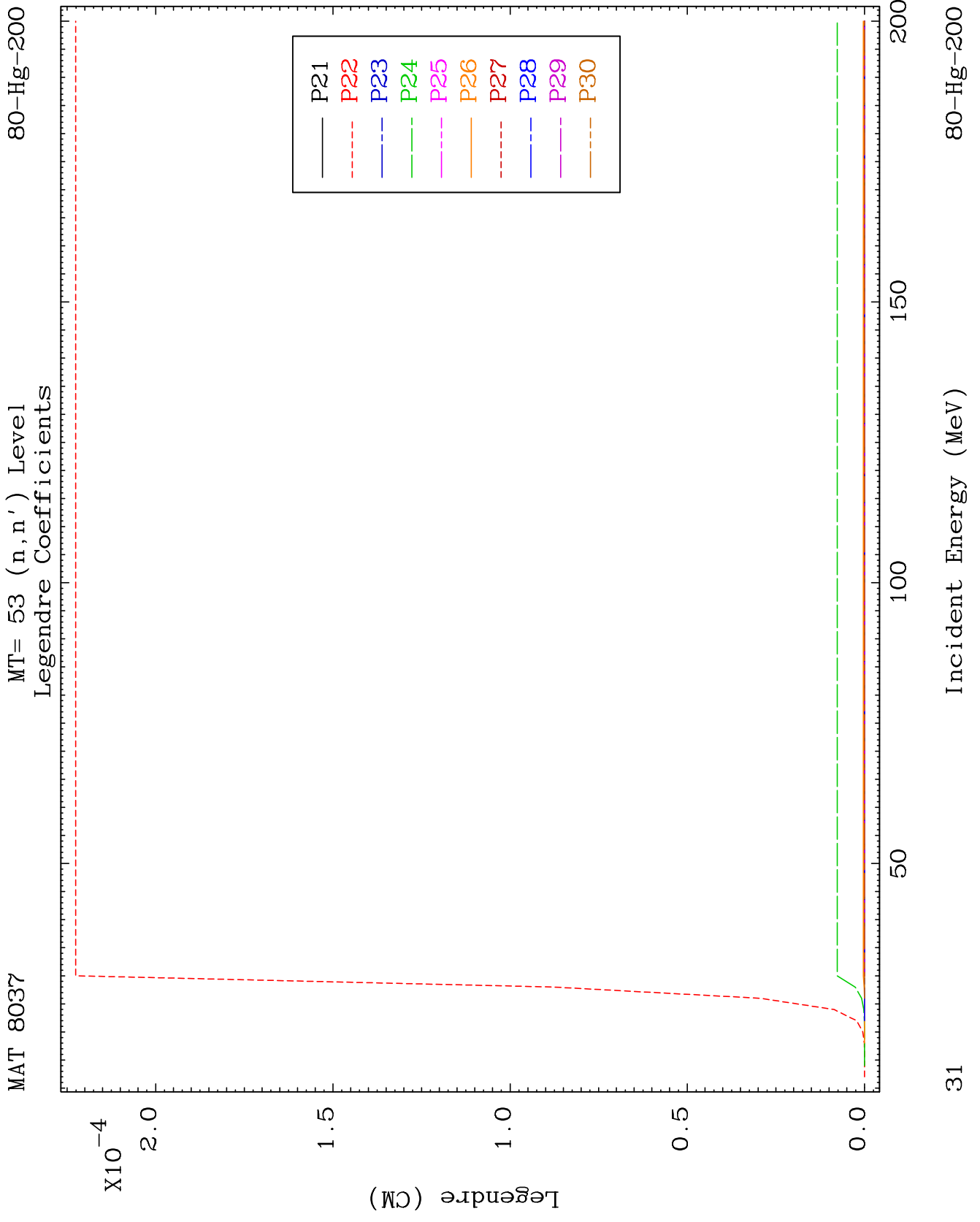
80-Hg-200



80-Hg-200

Incident Energy (MeV)

30



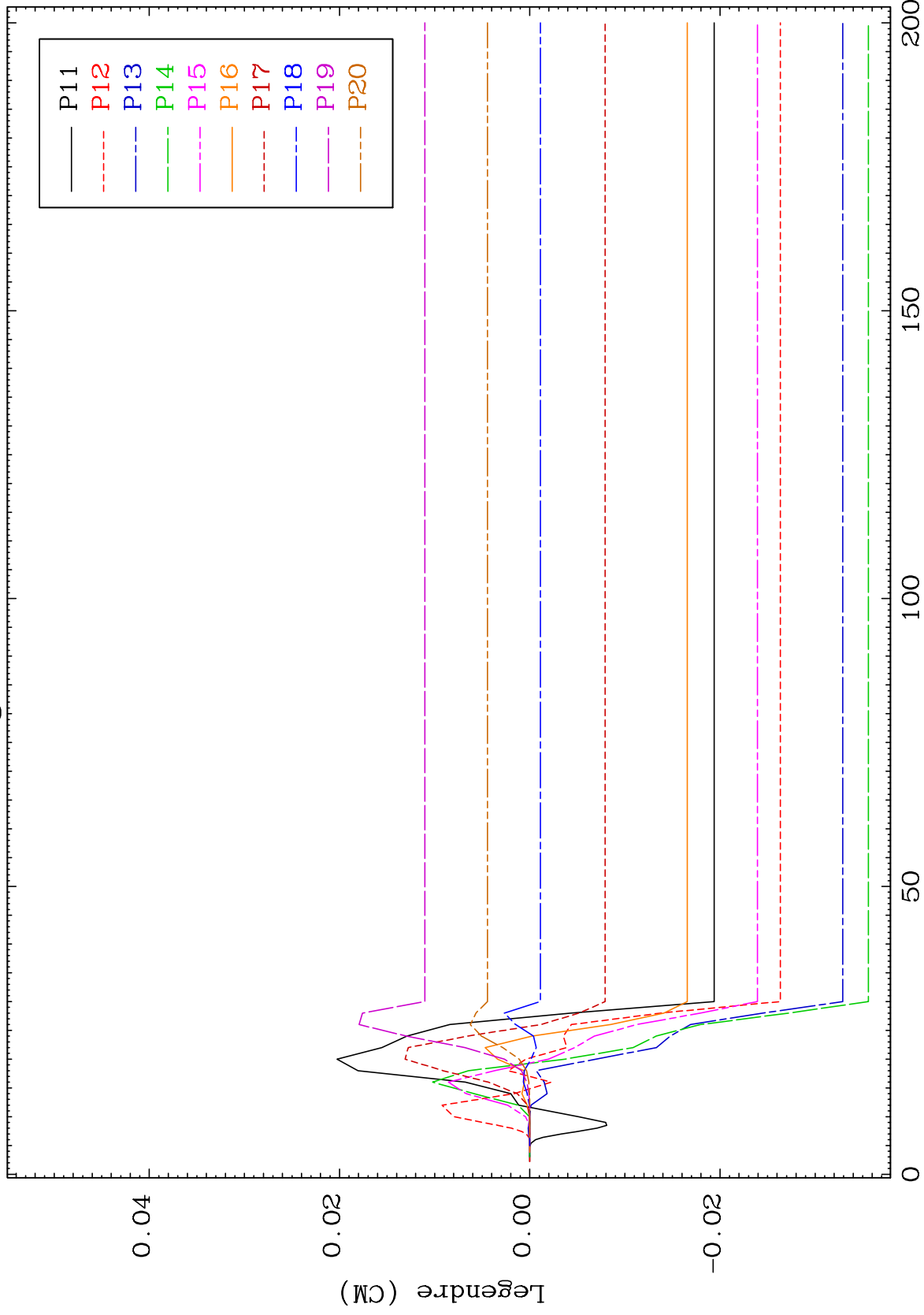




MAT 8037

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

80-Hg-200



33

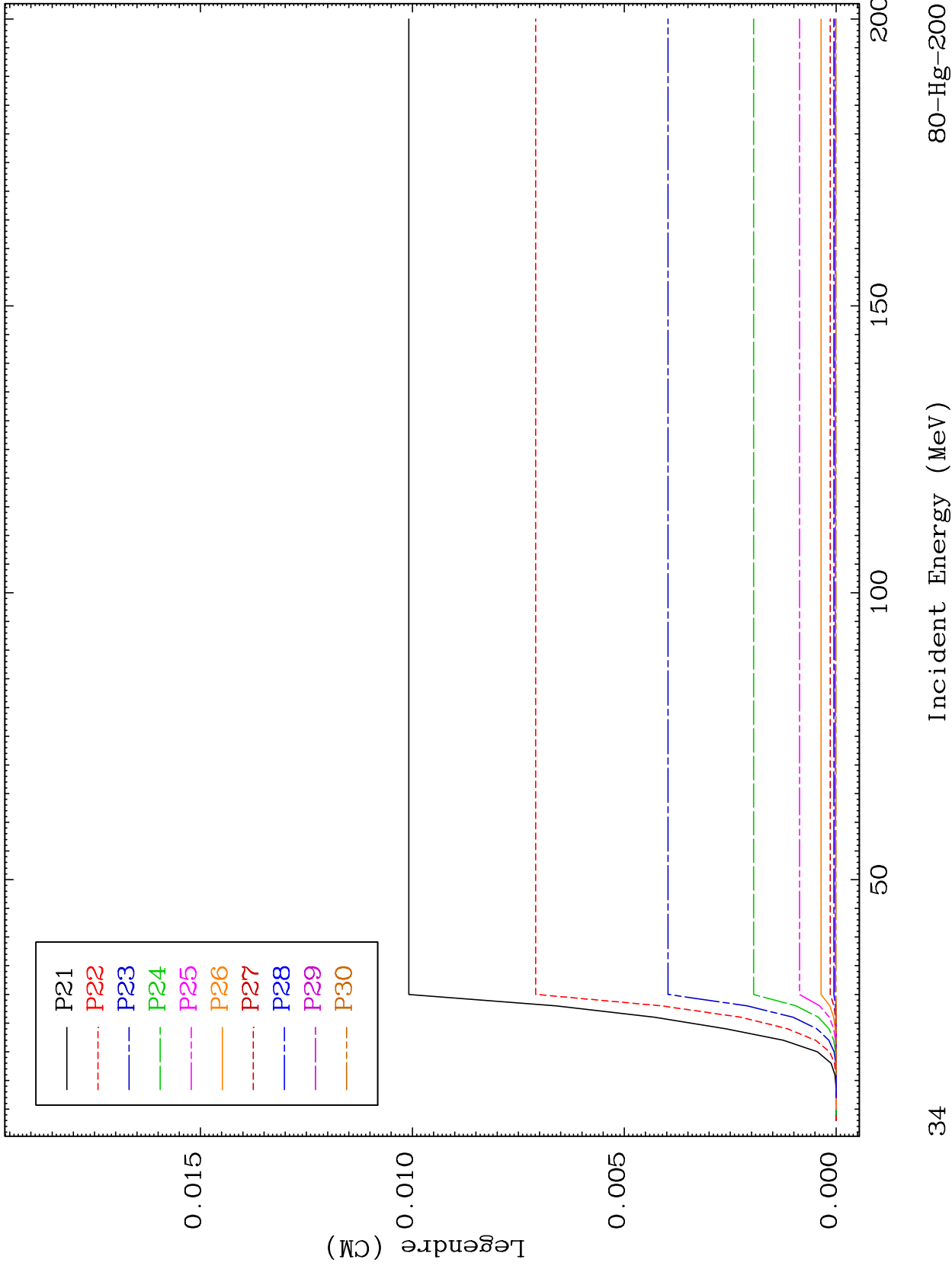
Incident Energy (MeV)

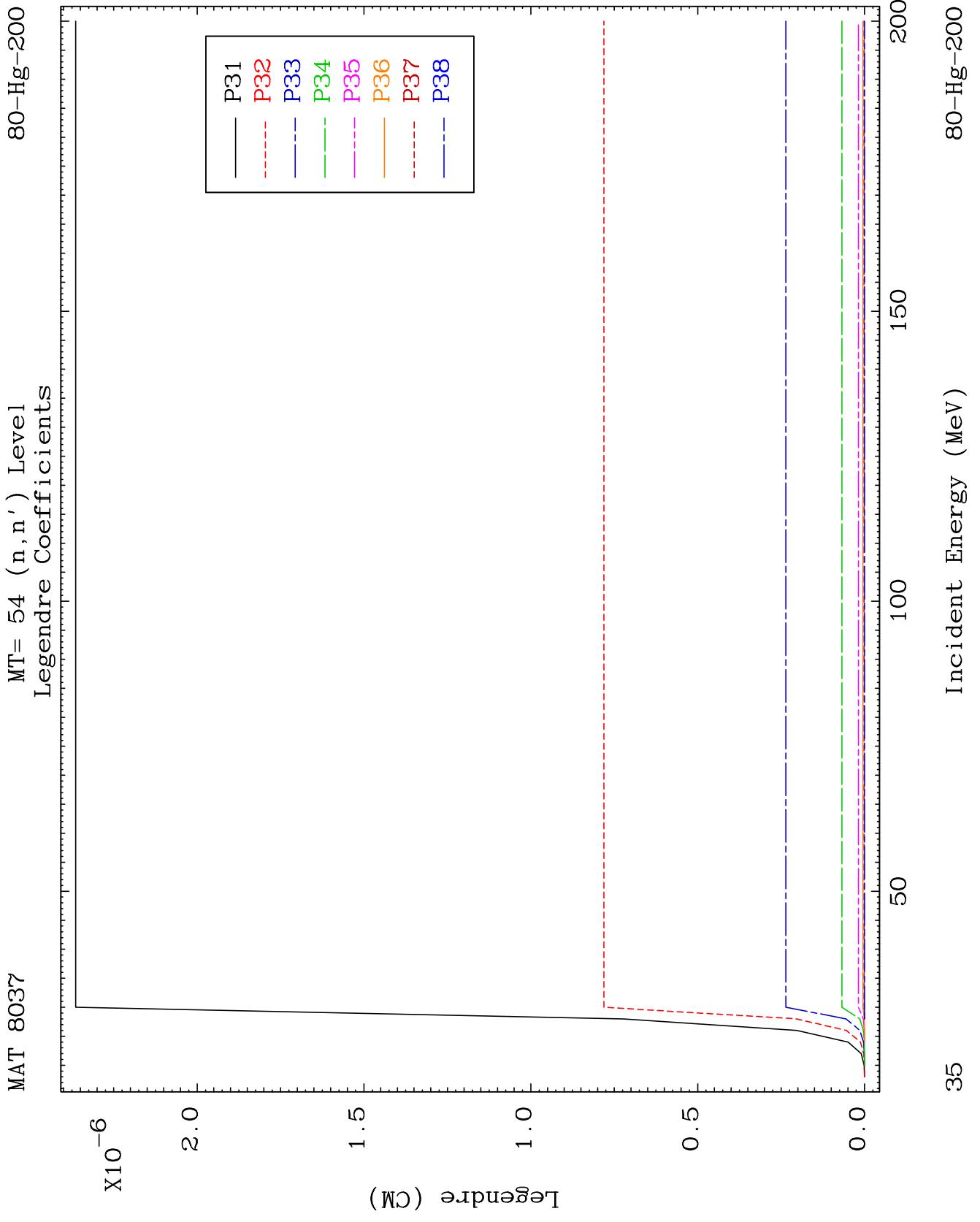
80-Hg-200

MAT 8037

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

80-Hg-200



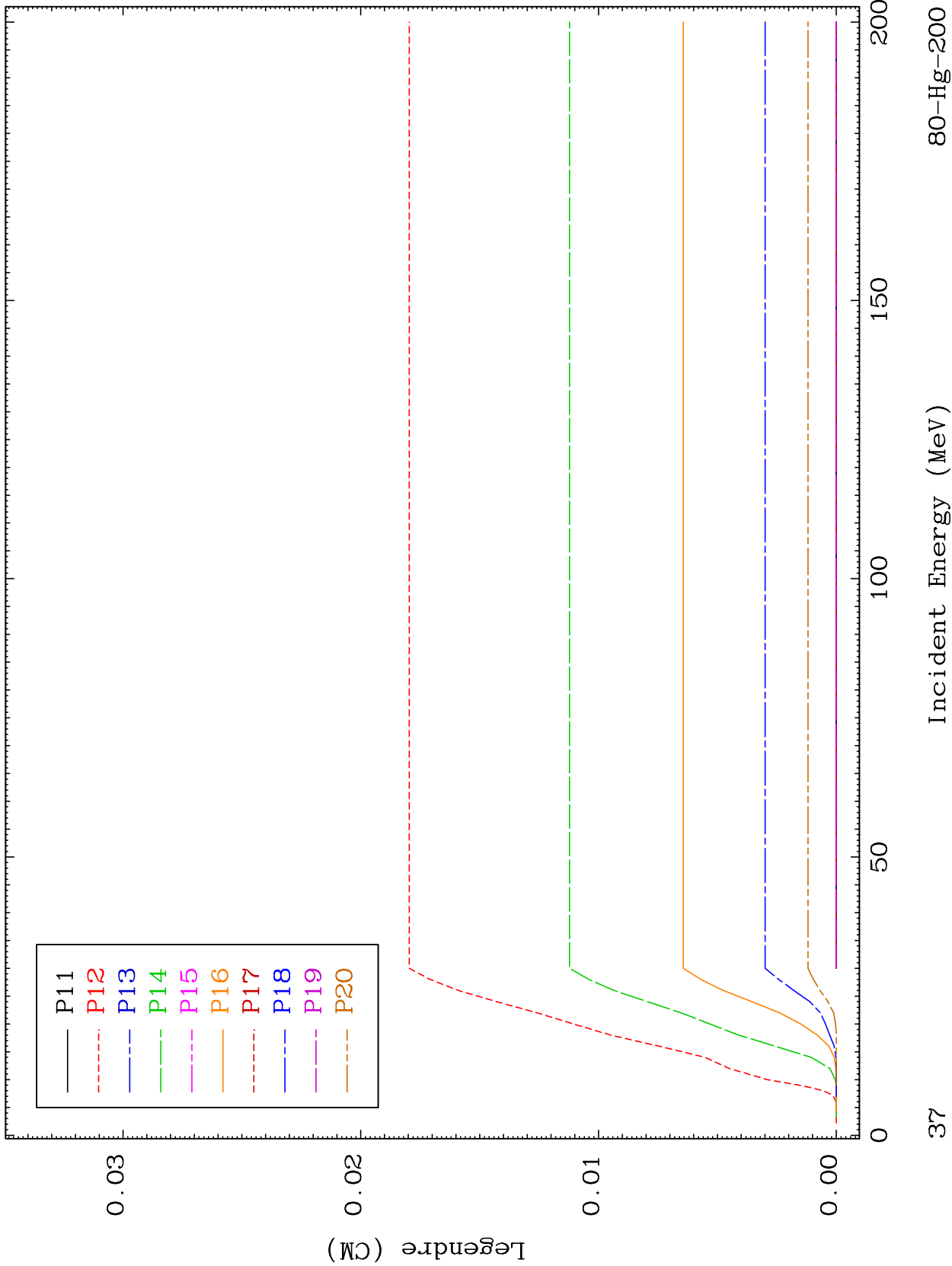




MAT 8037

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

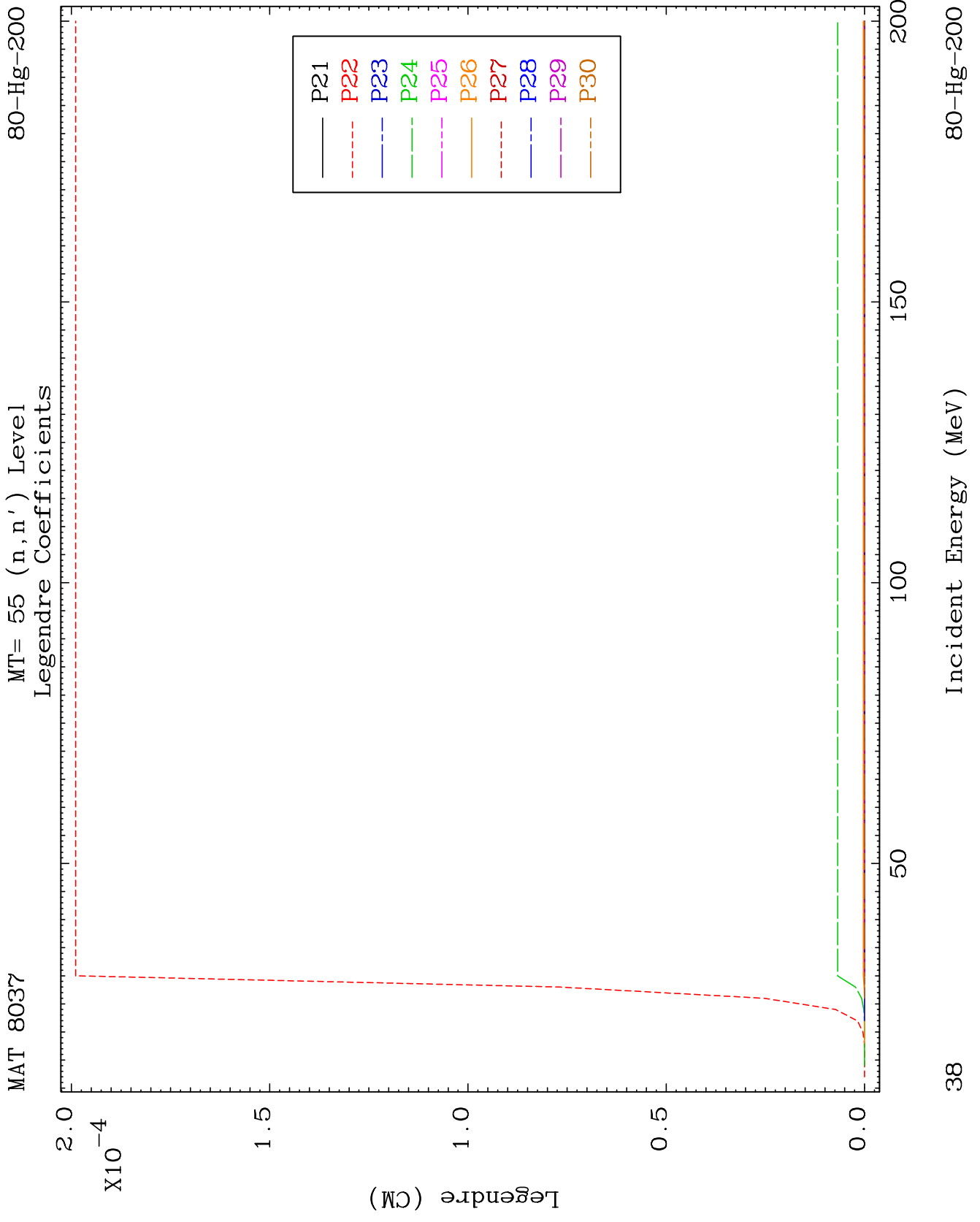
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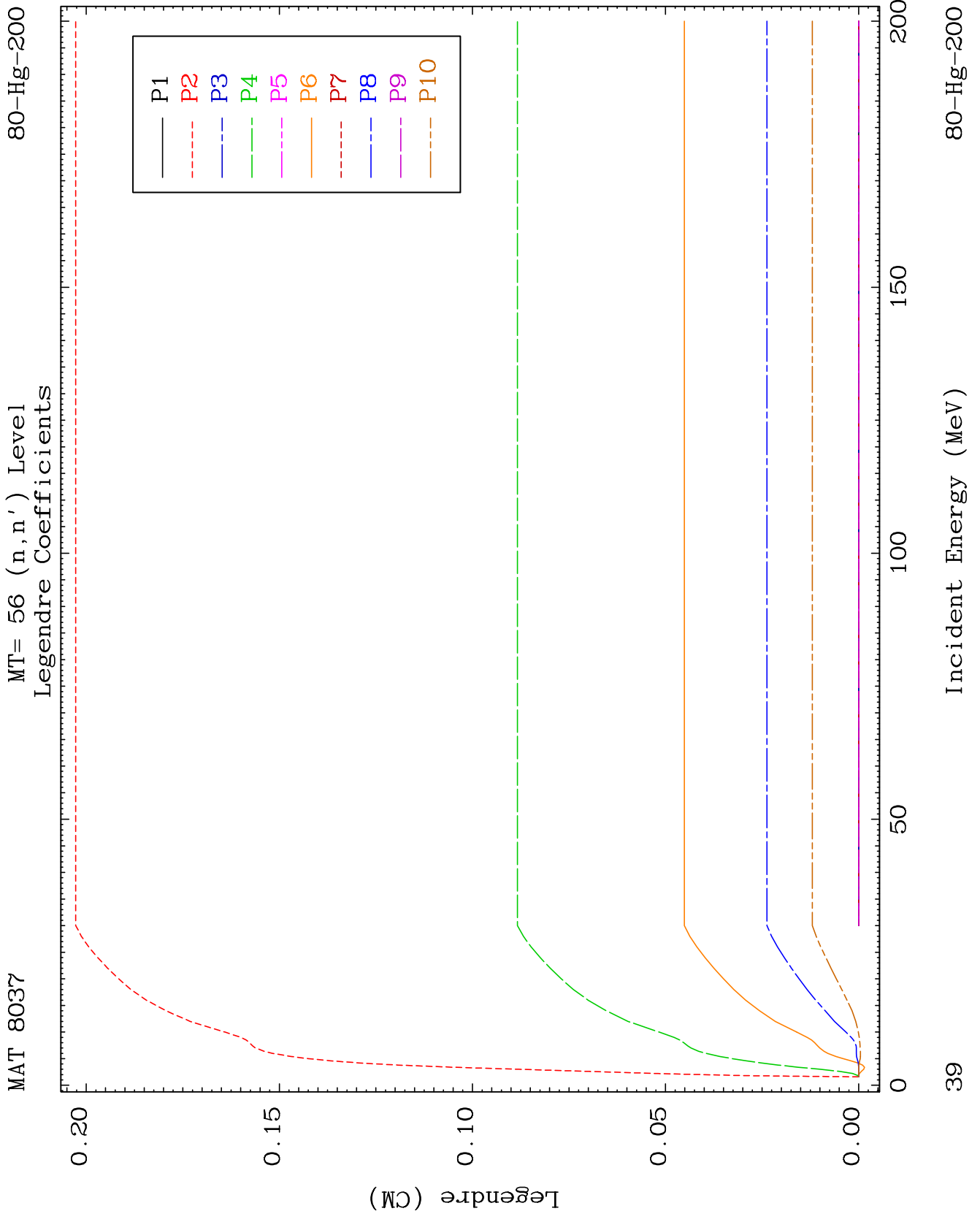


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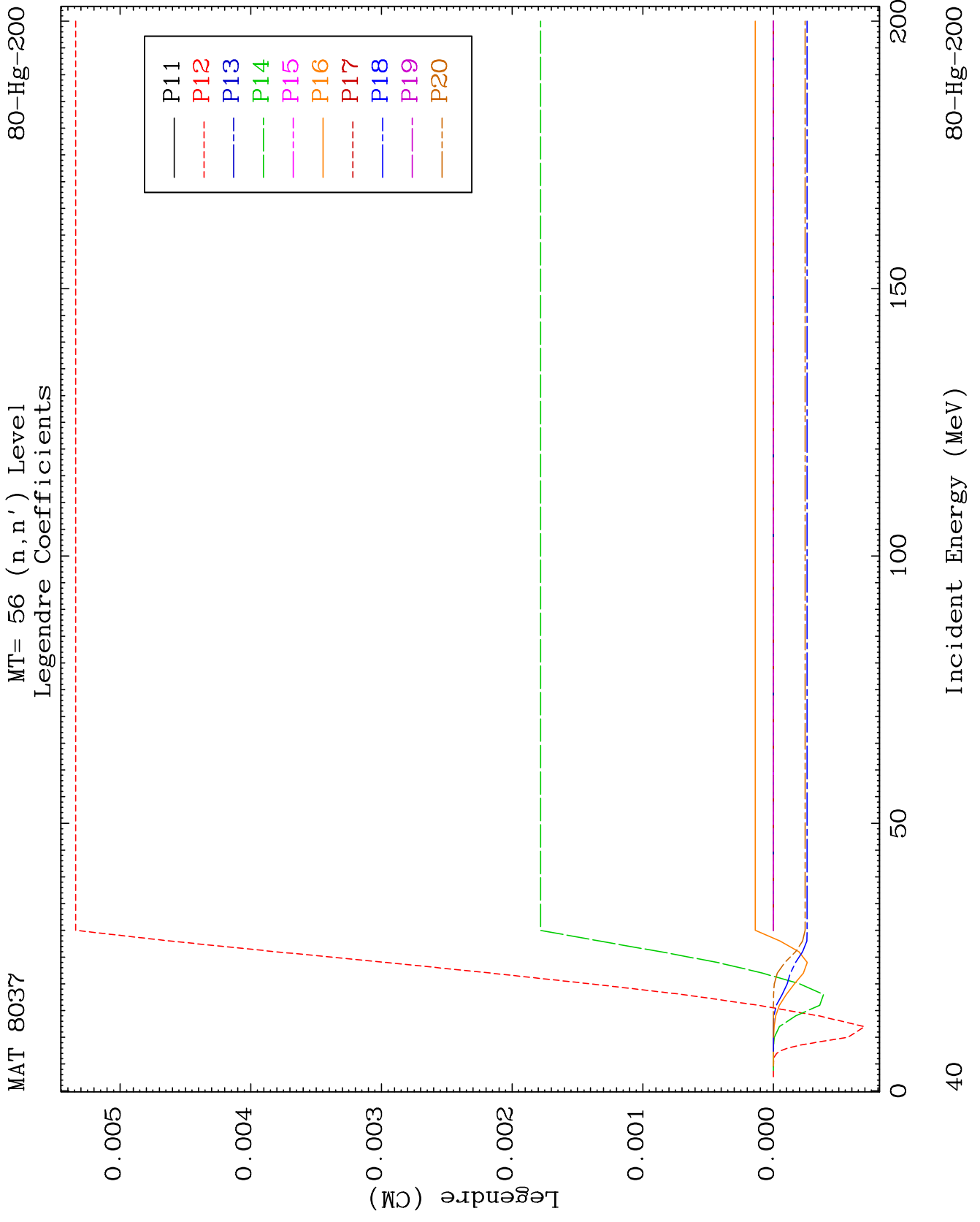
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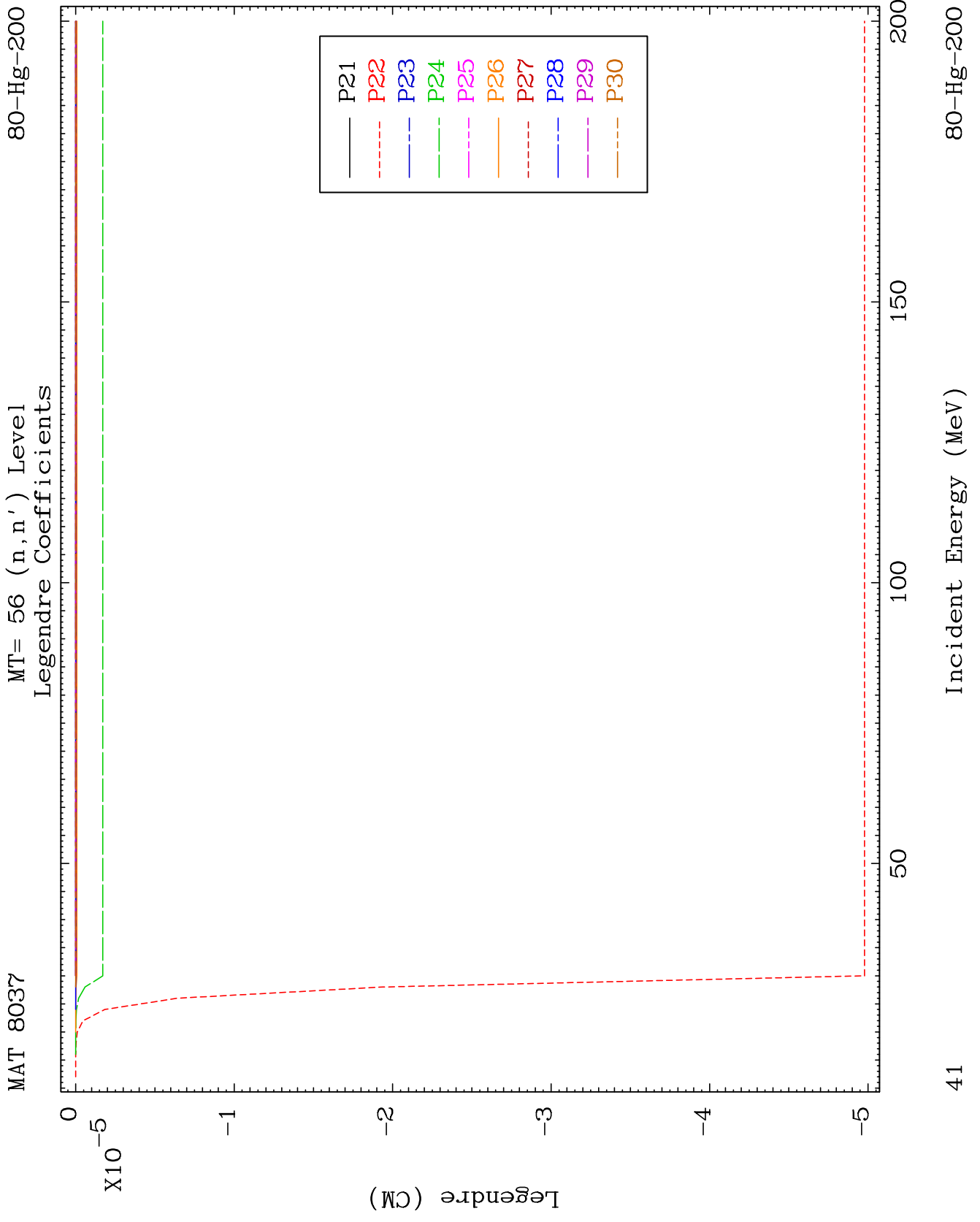
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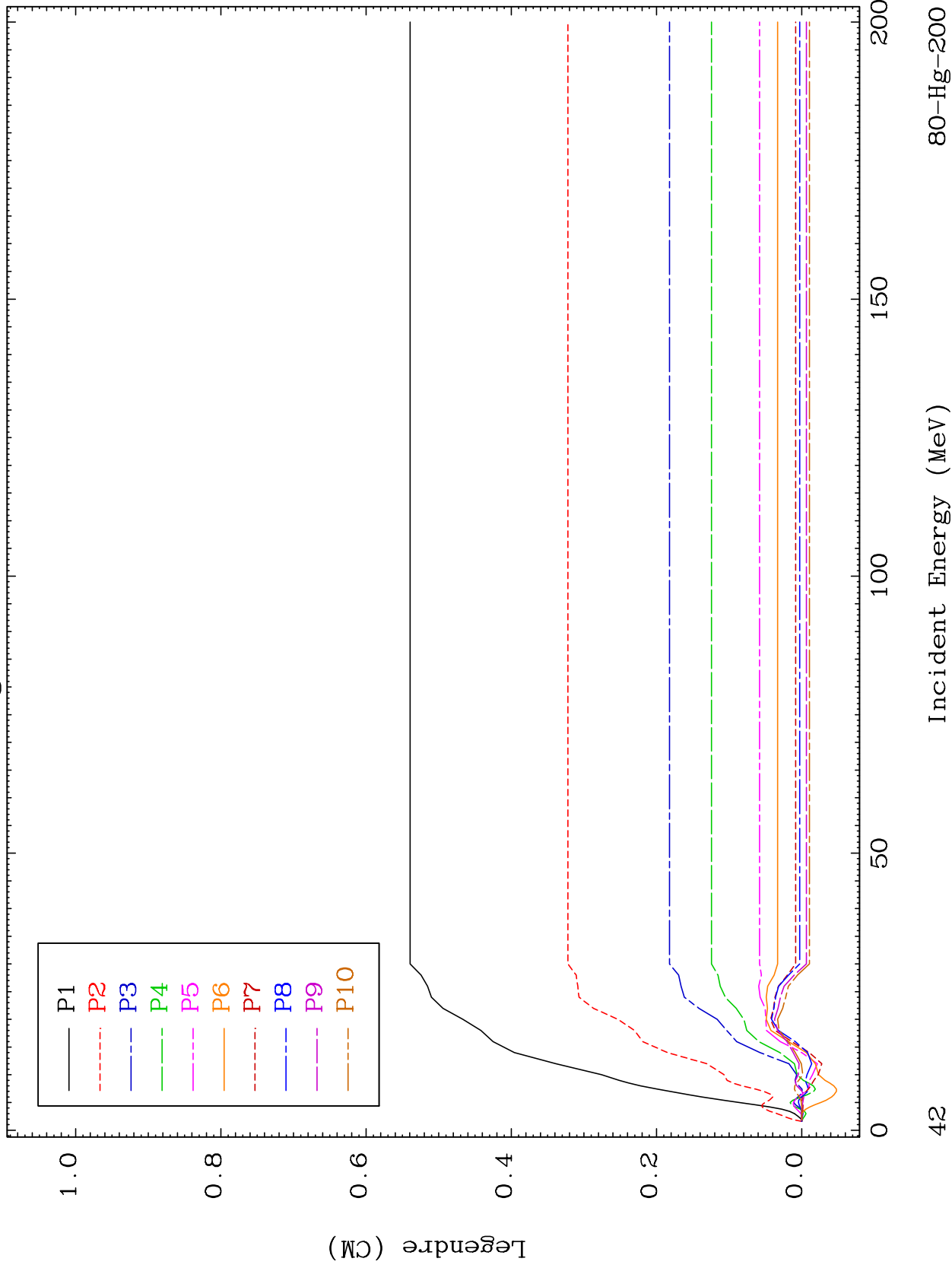




MAT 8037

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

80-Hg-200



42

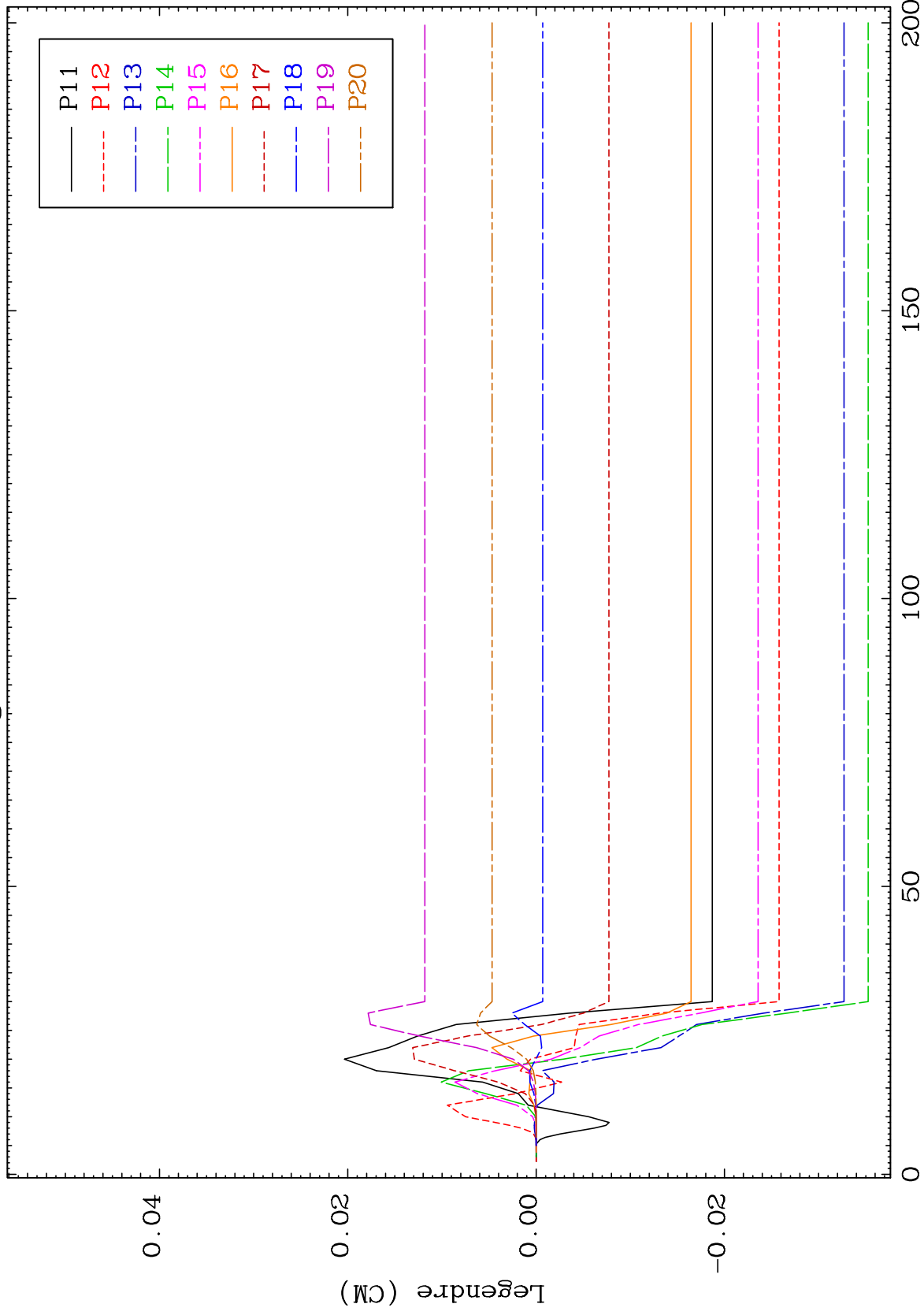
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



43

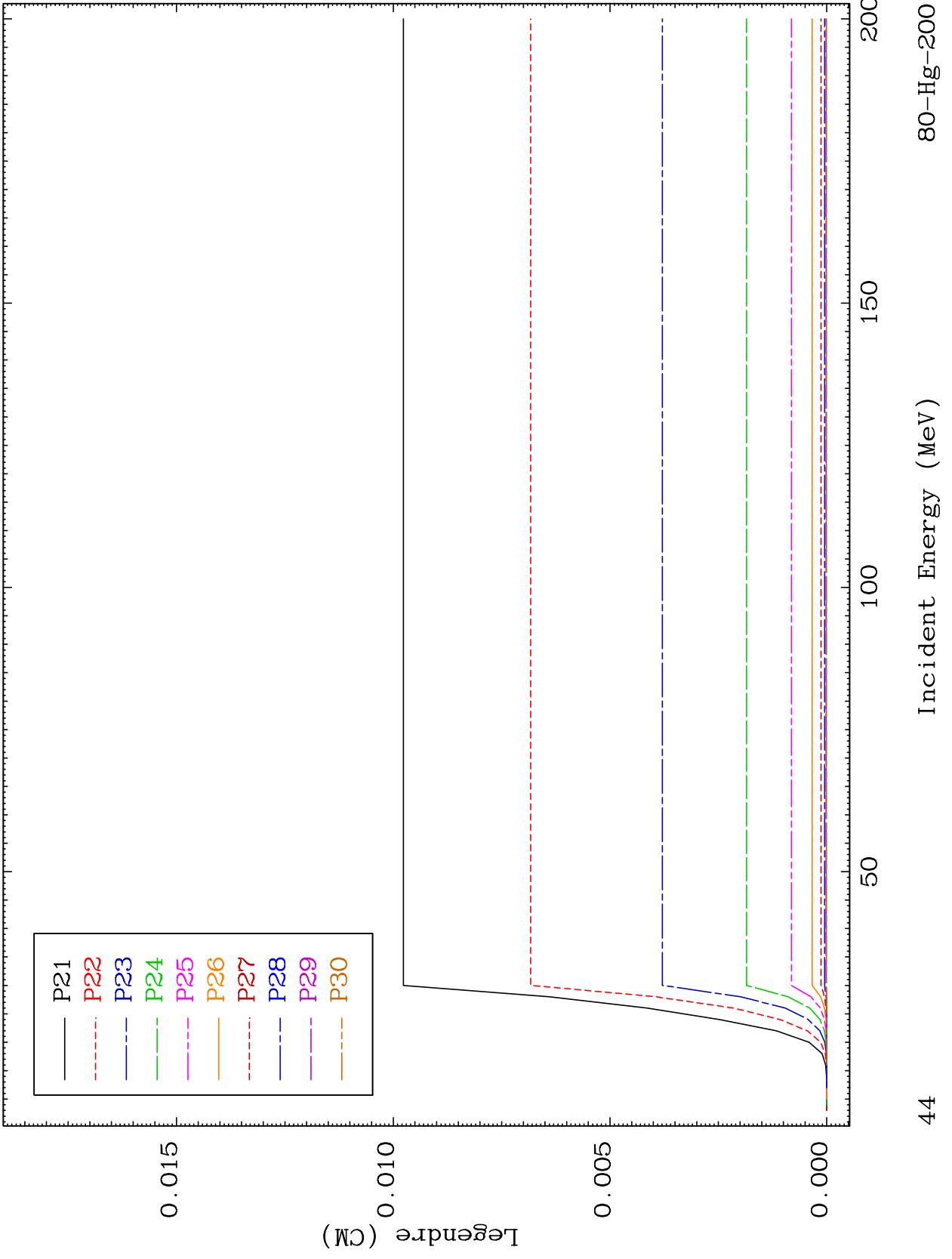
Incident Energy (MeV)

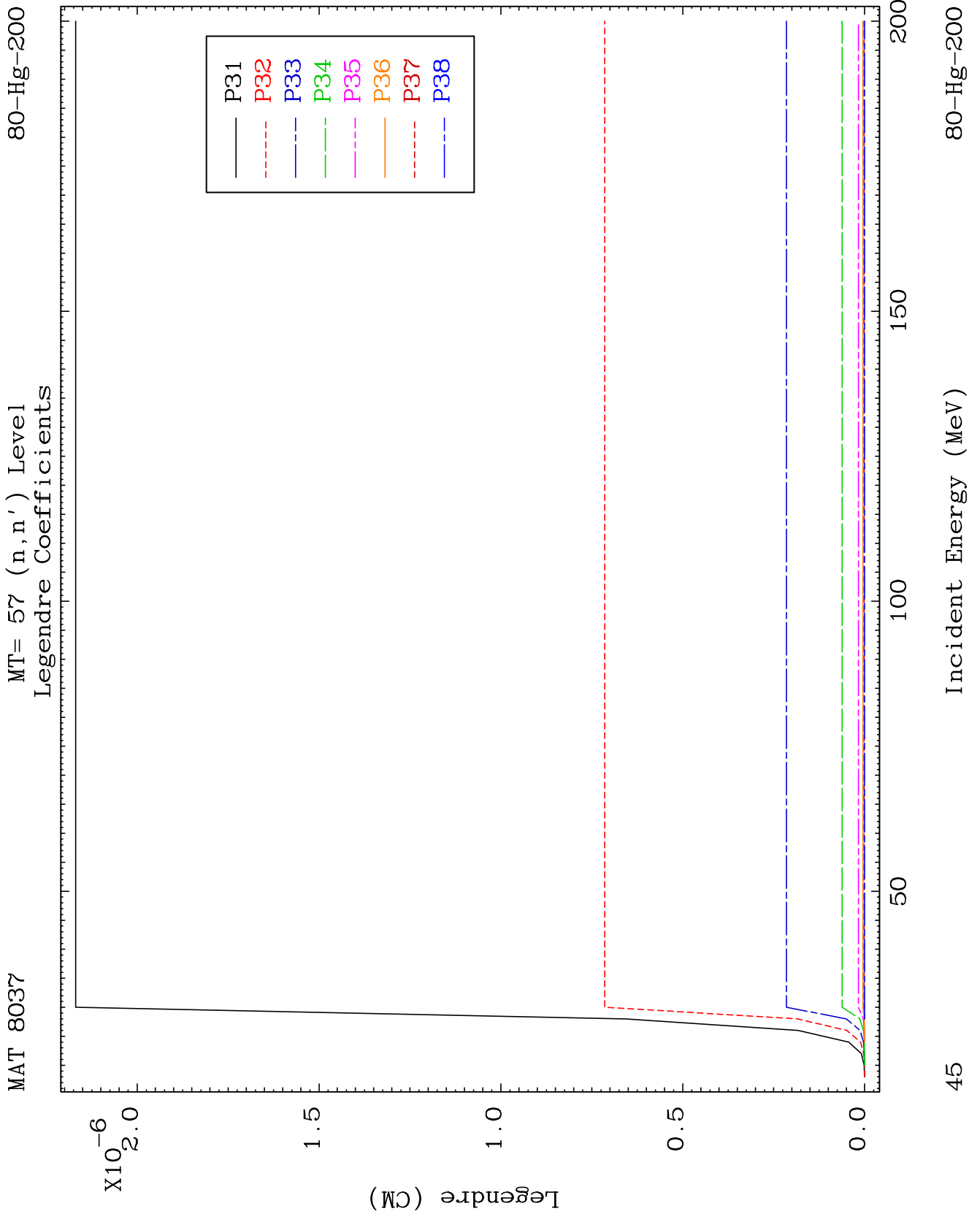
80-Hg-200

MAT 8037

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

80-Hg-200

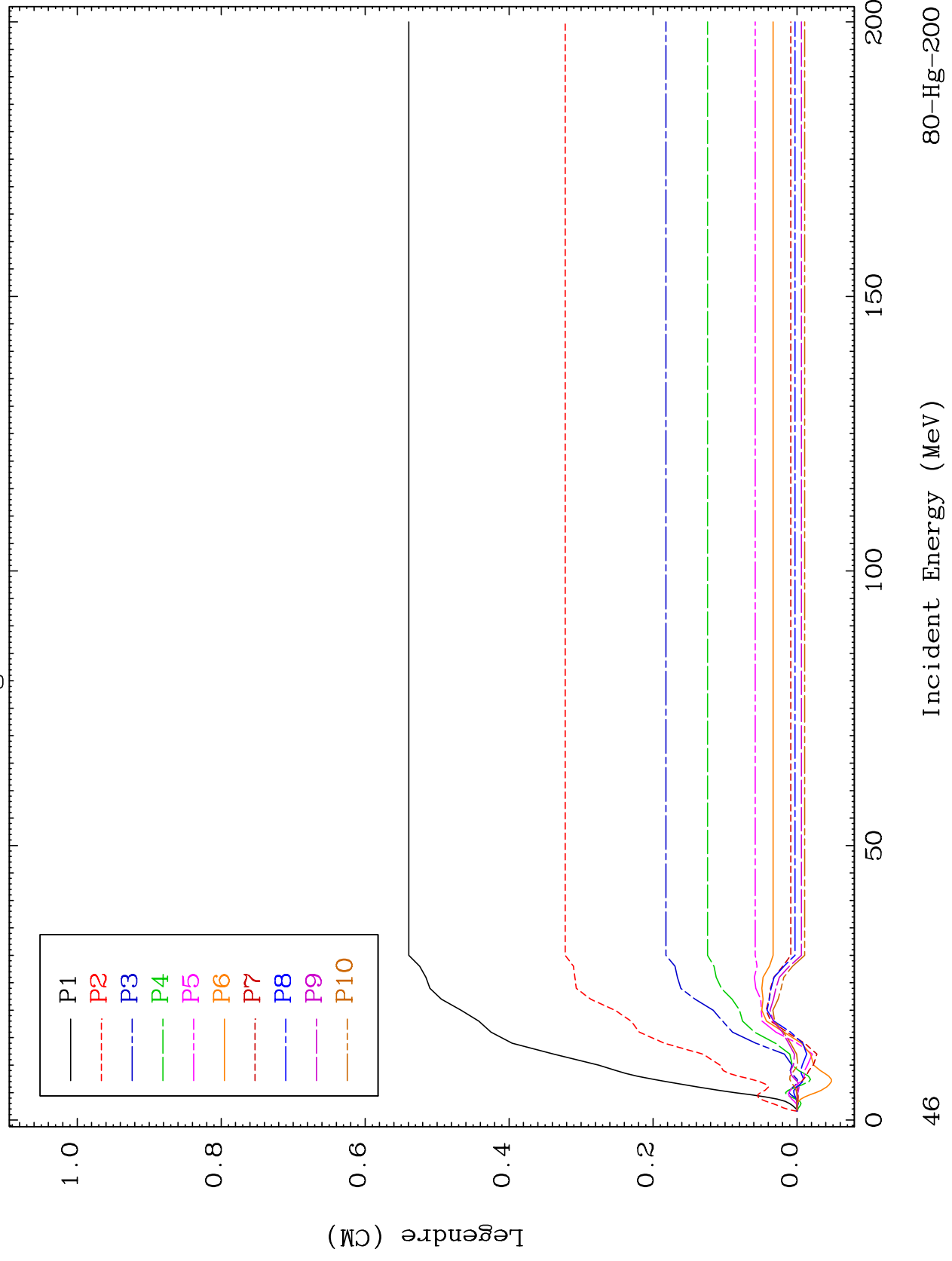




MAT 8037

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

80-Hg-200



46

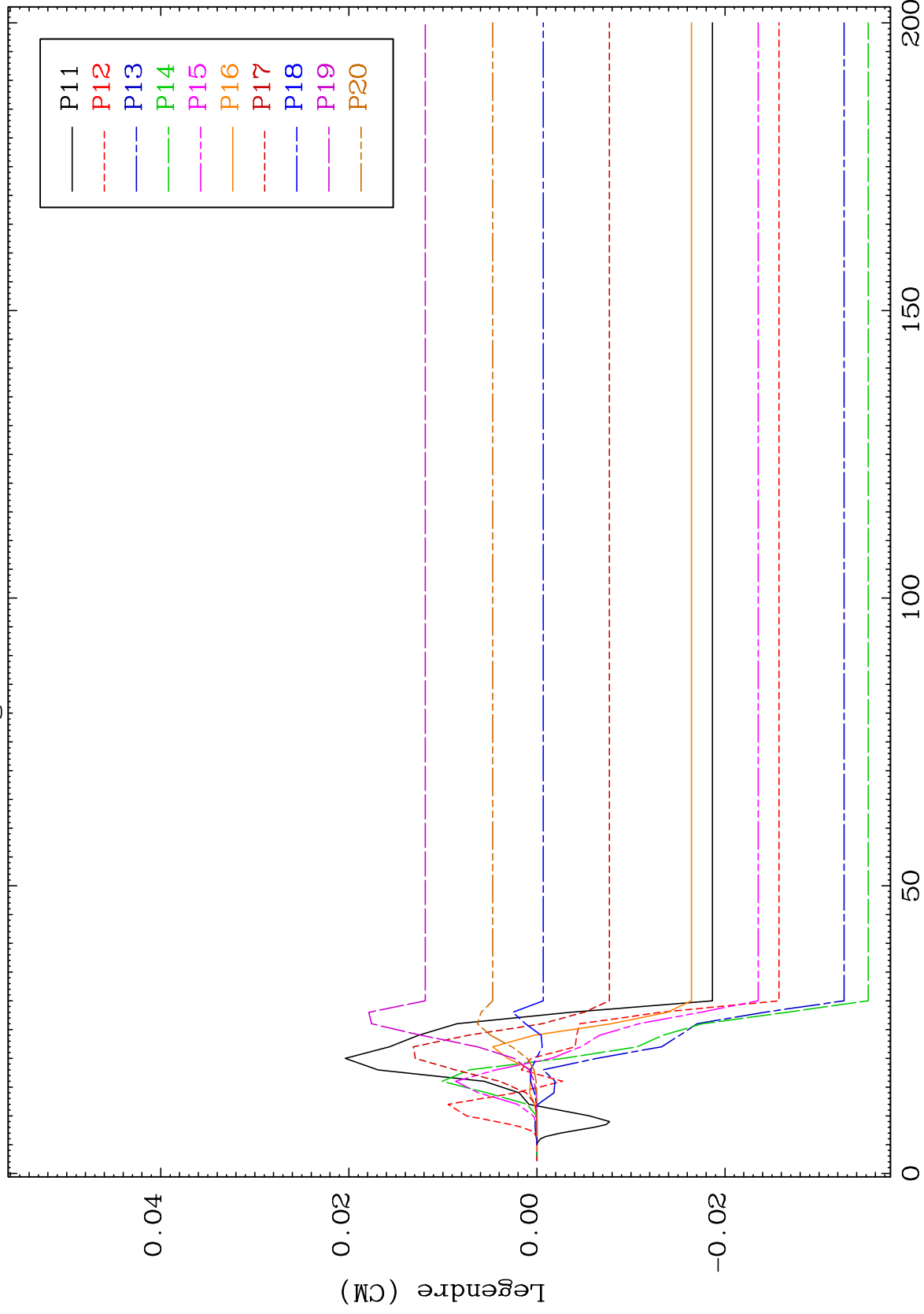
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



47

Incident Energy (MeV)

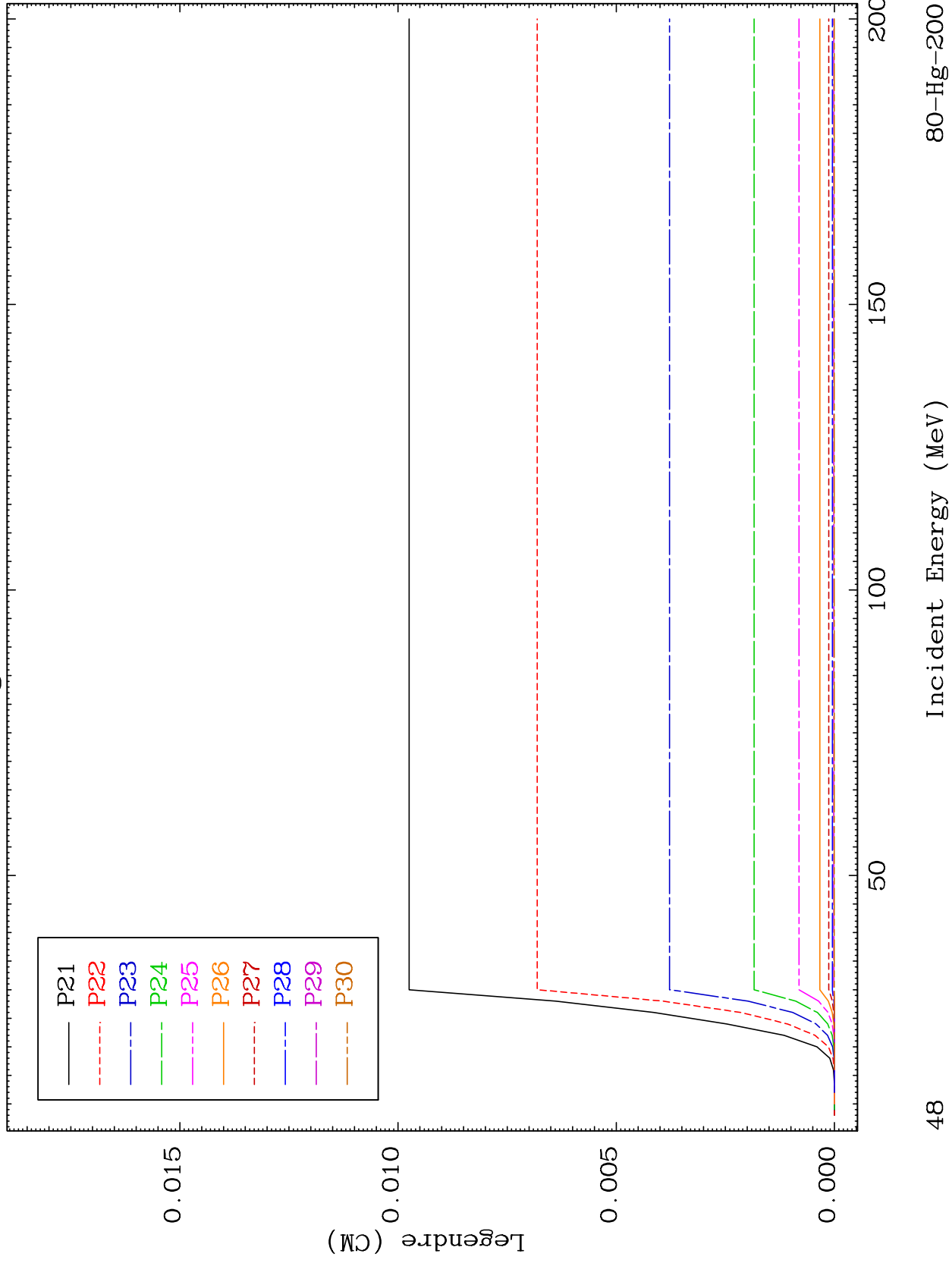
80-Hg-200



MAT 8037

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

80-Hg-200



48

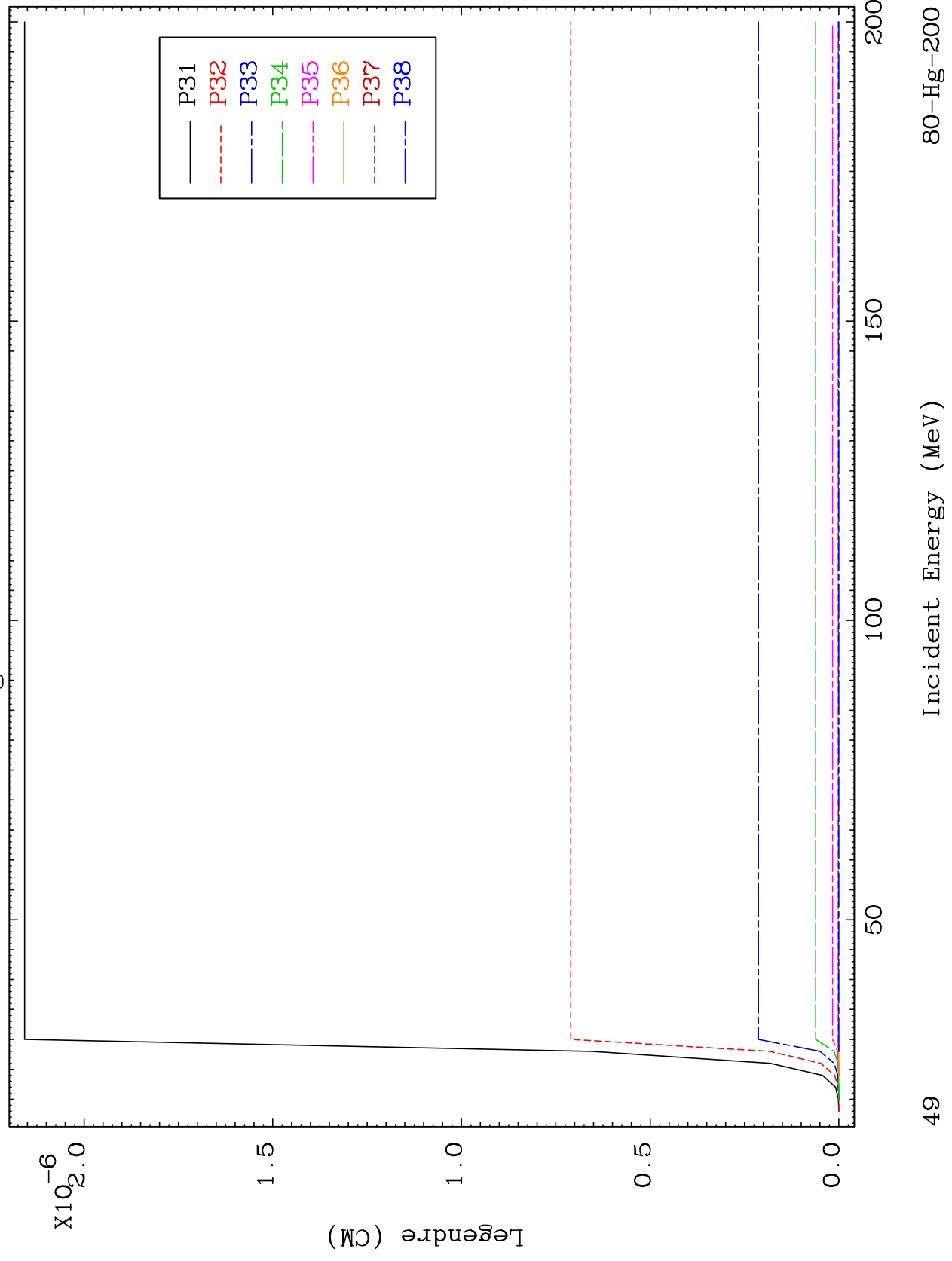
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



49

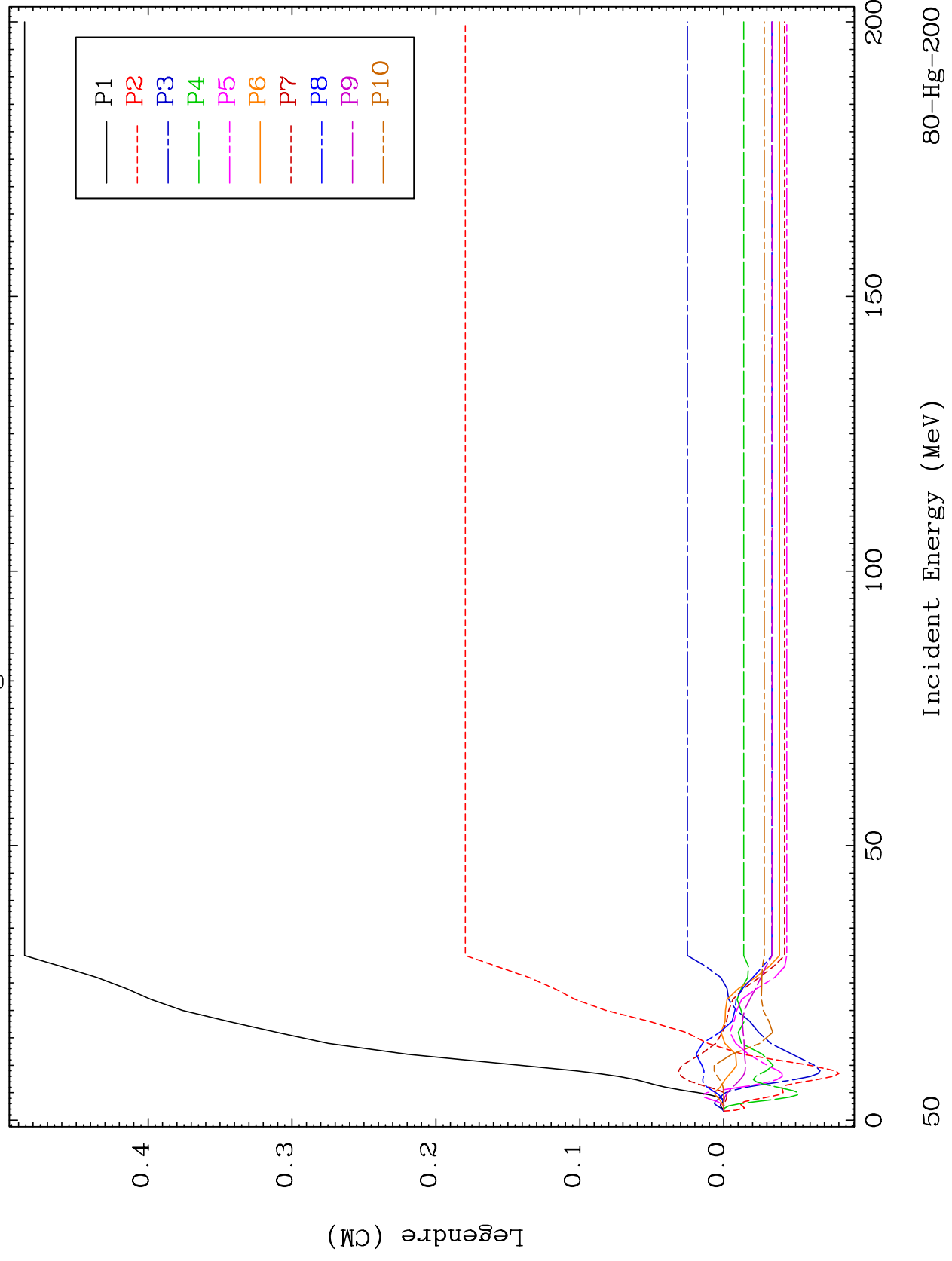
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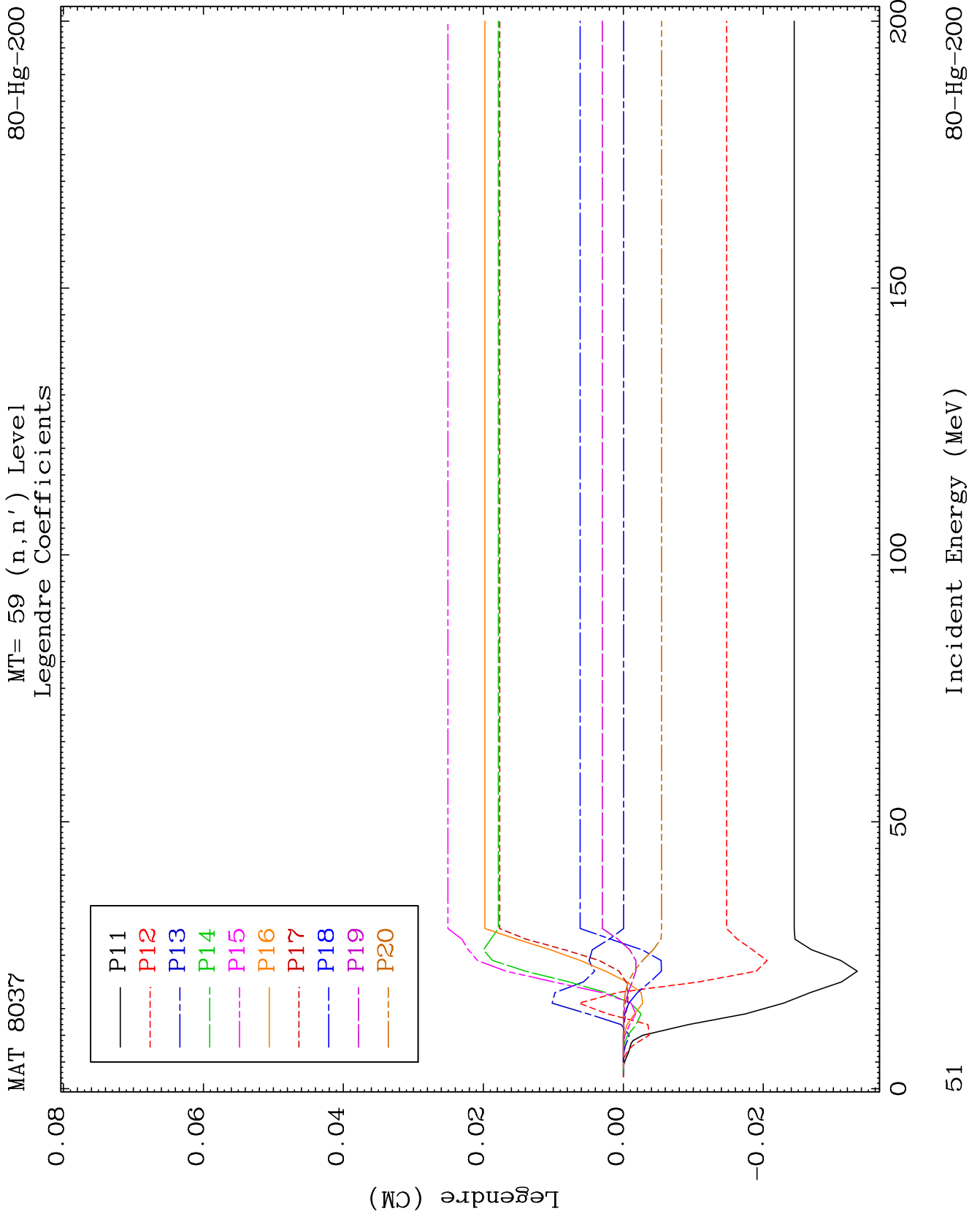
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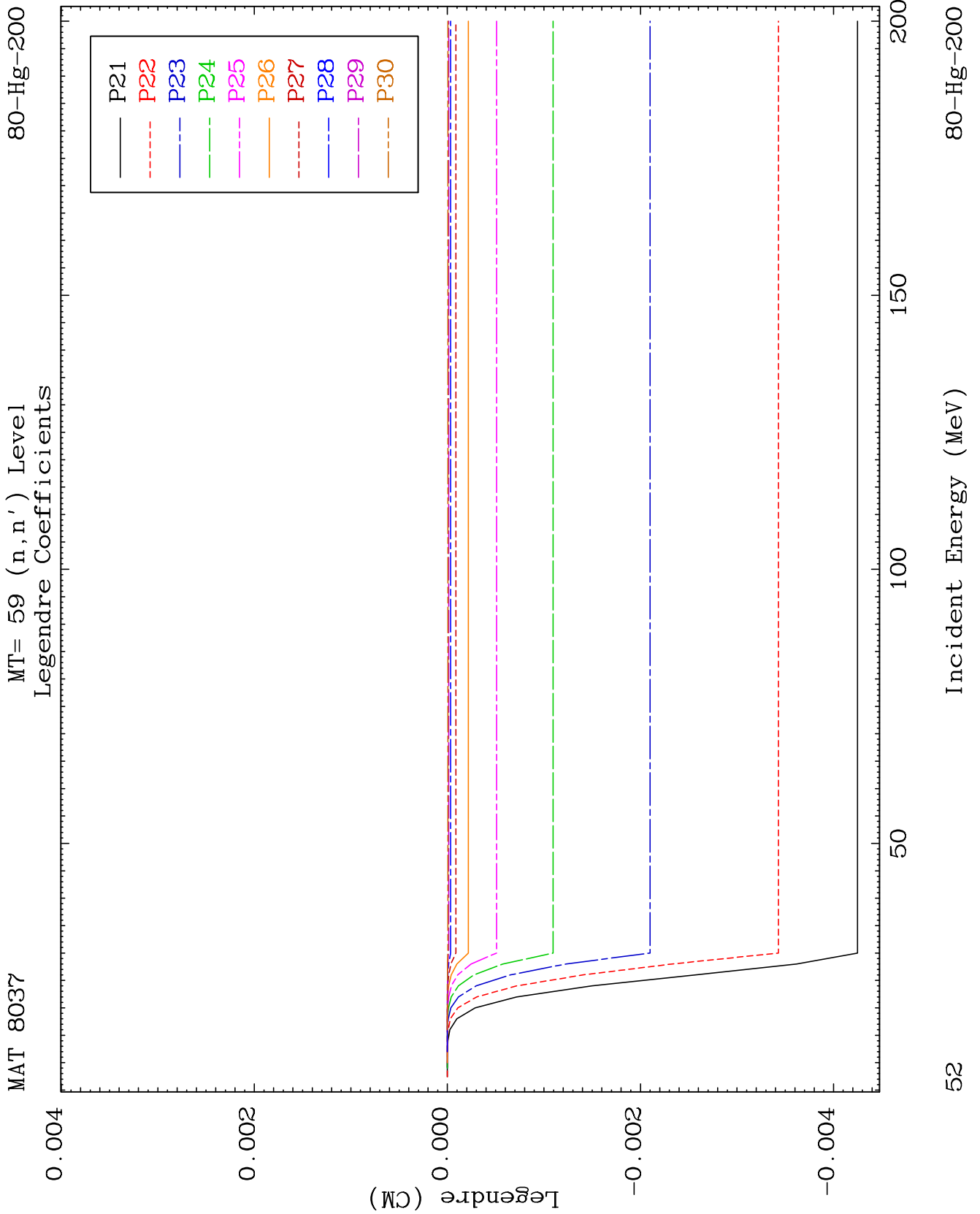
MAT 8037

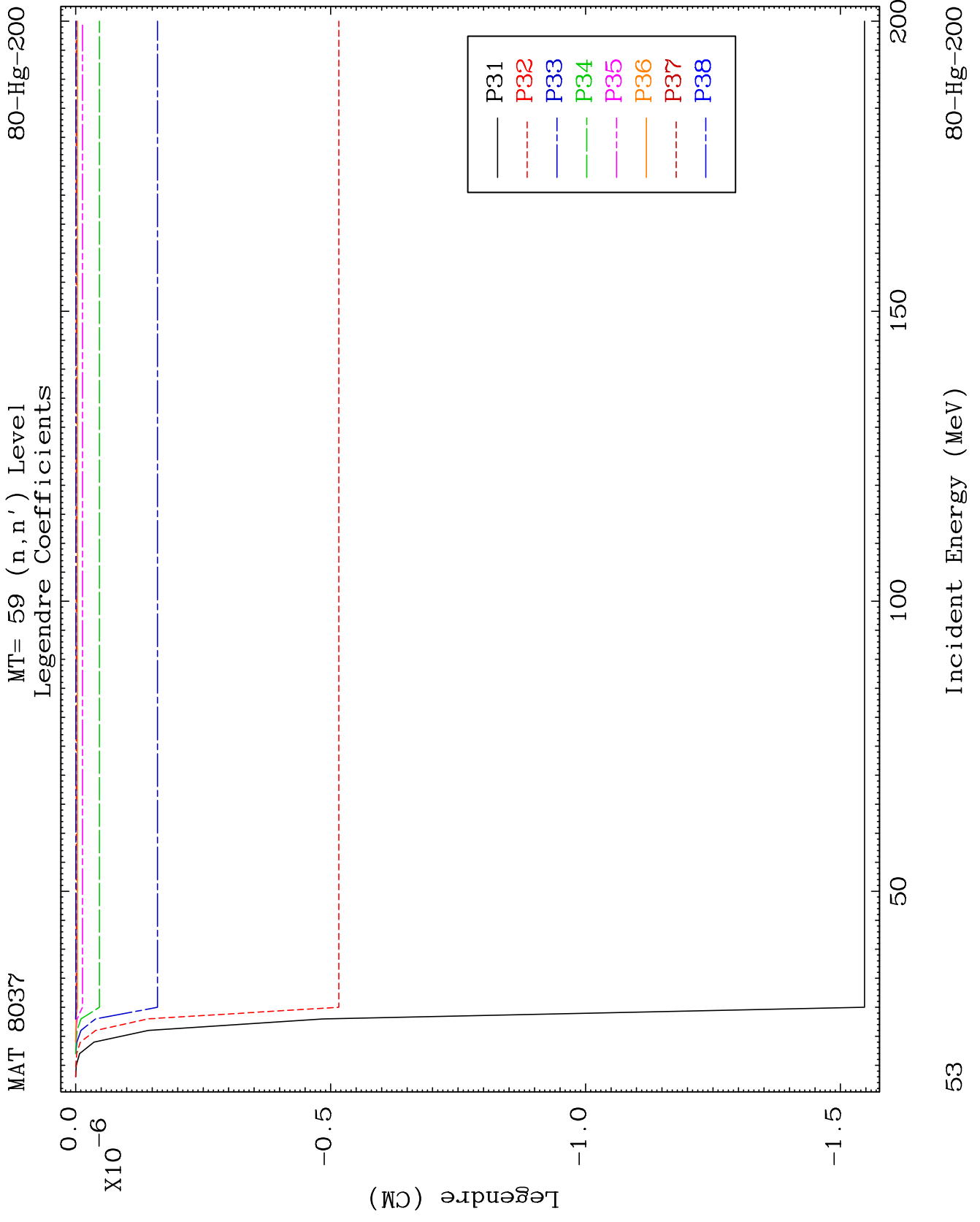
MT= 59 (n,n') Level  
Legendre Coefficients

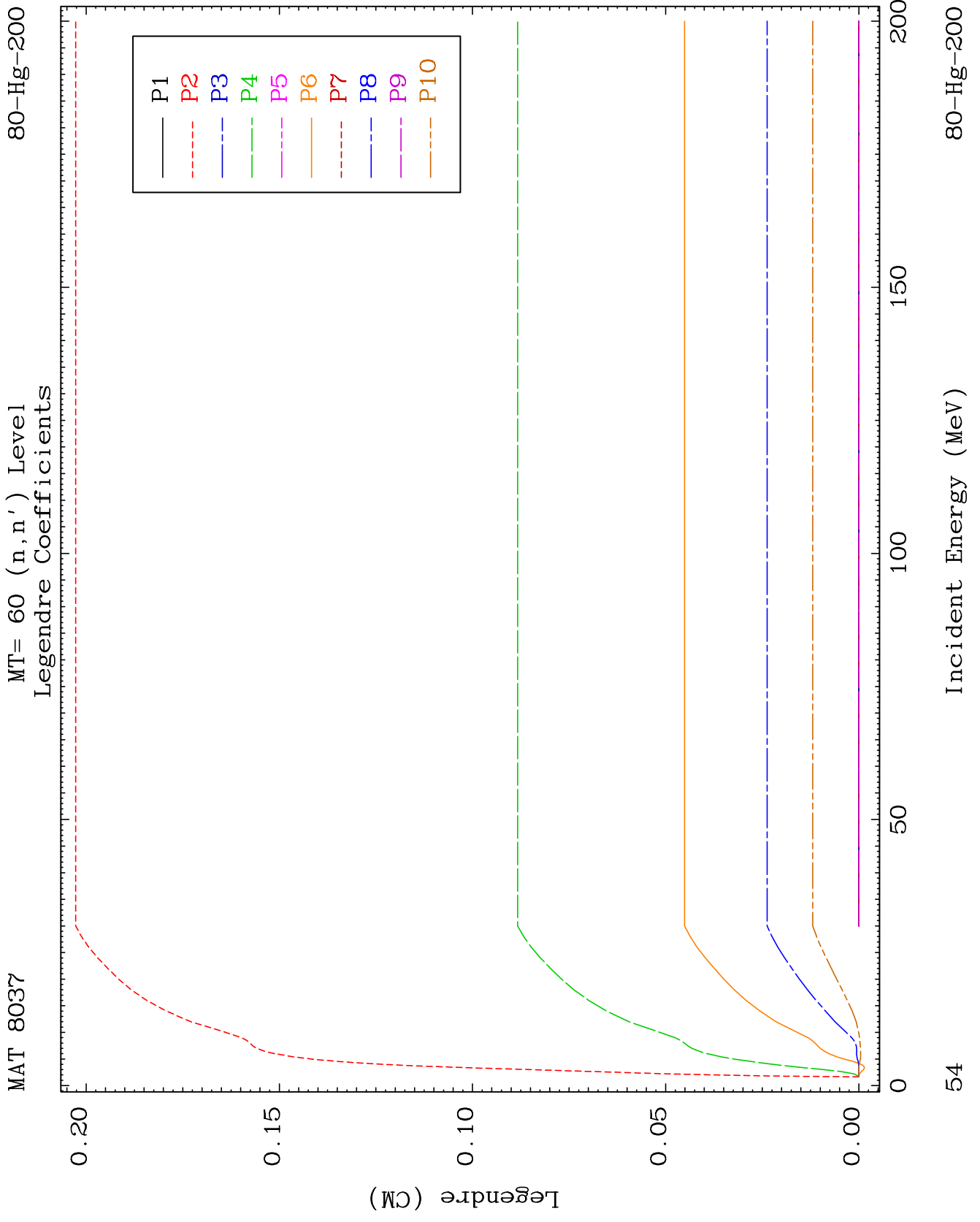
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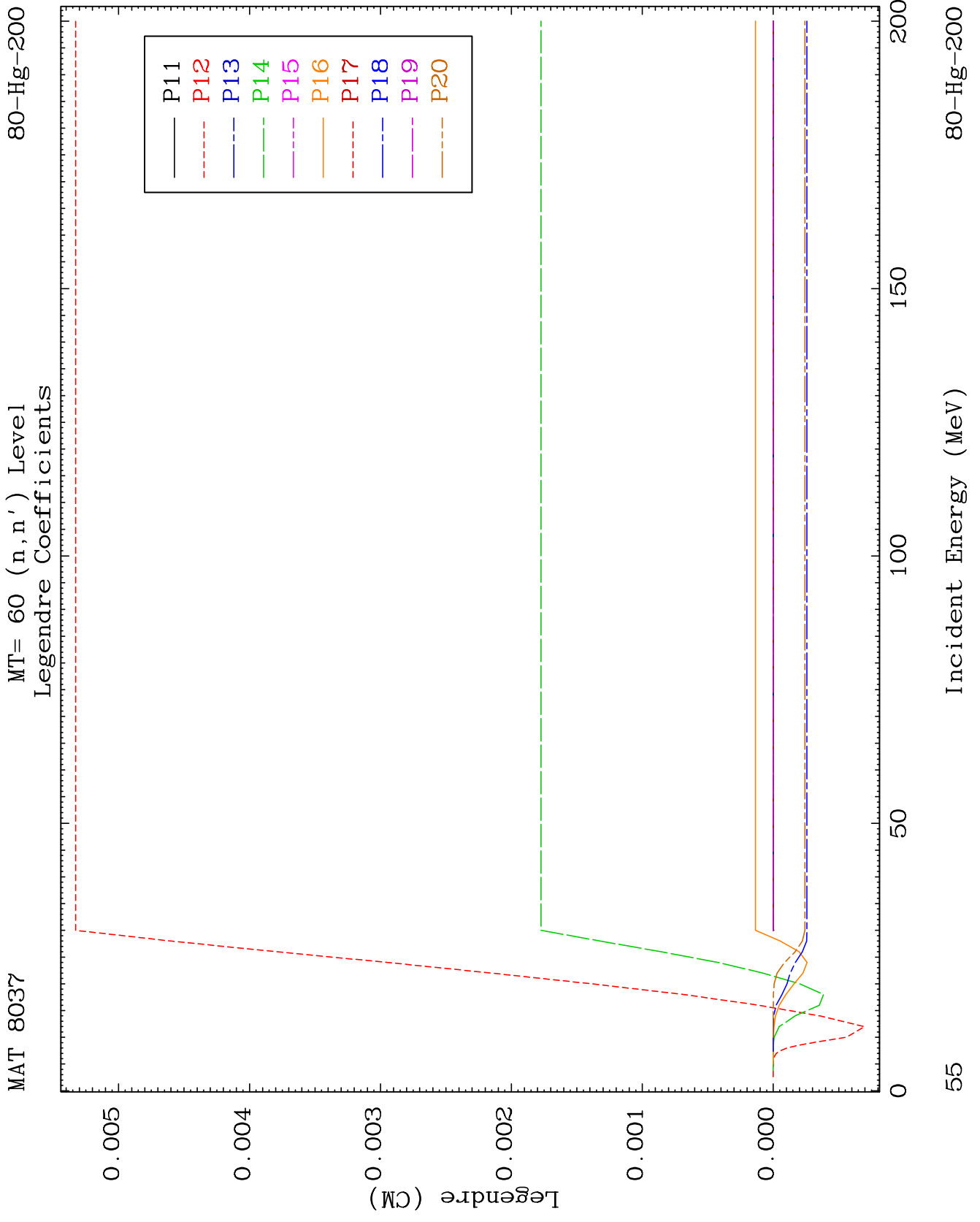




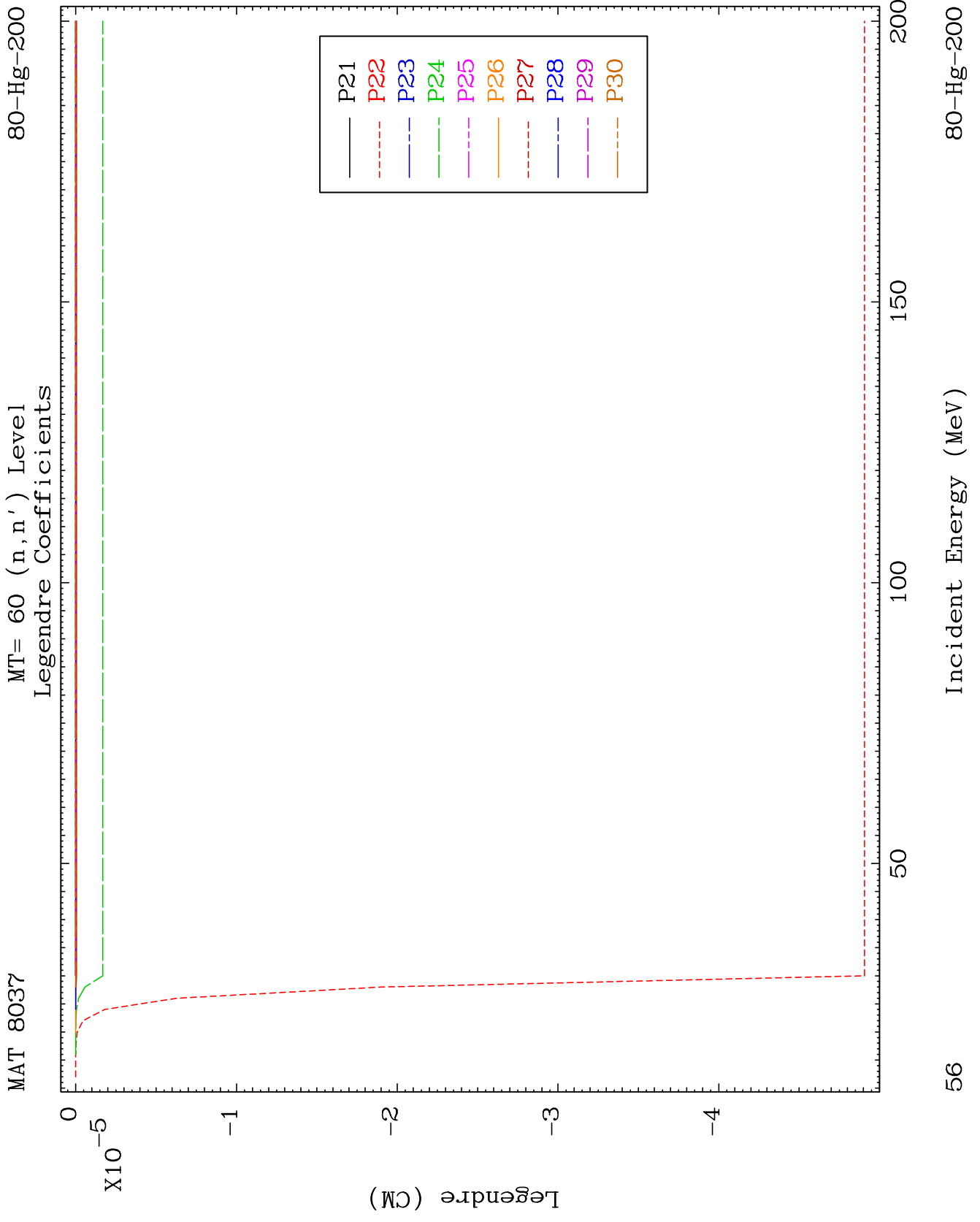








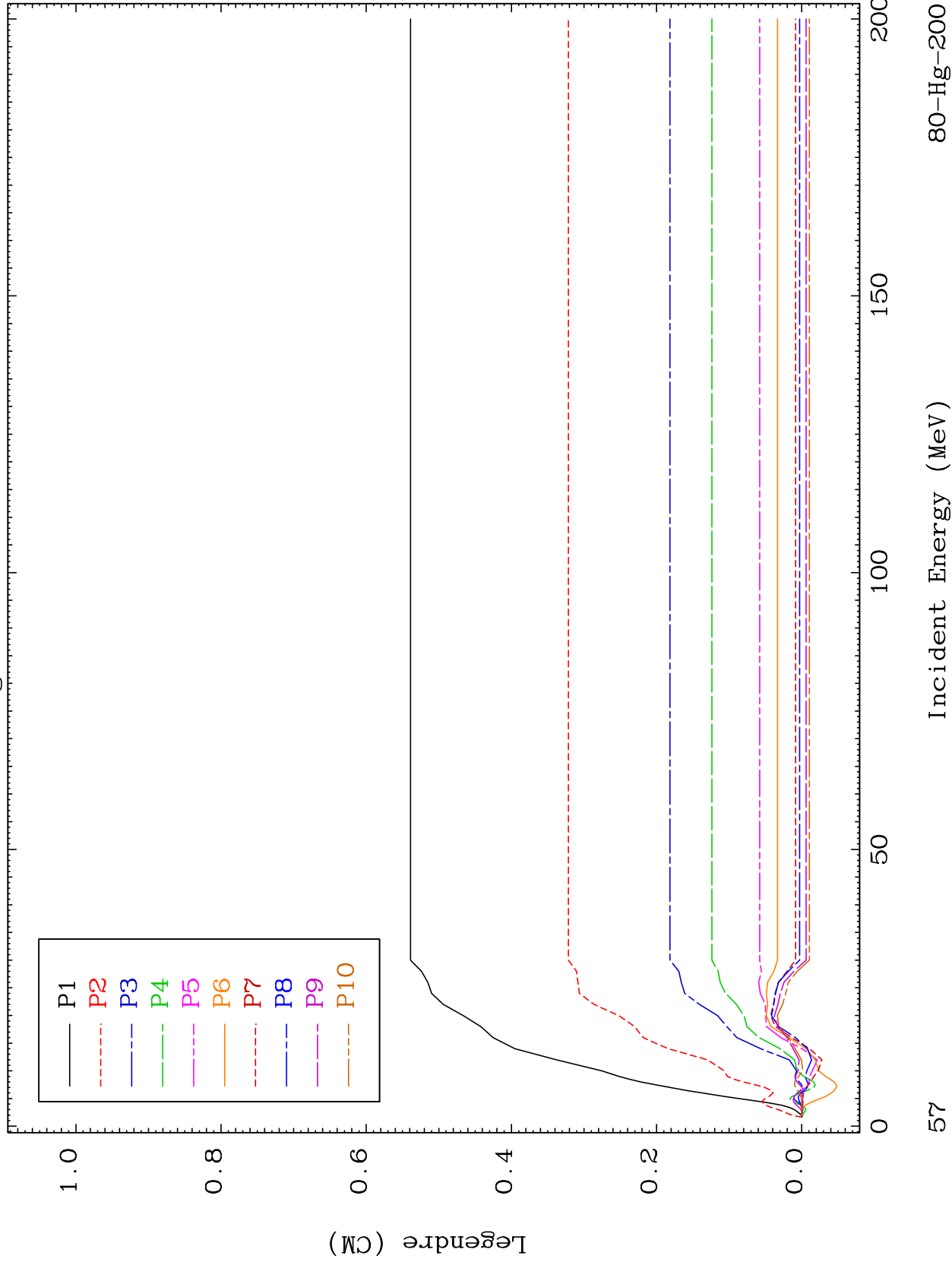




MAT 8037

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

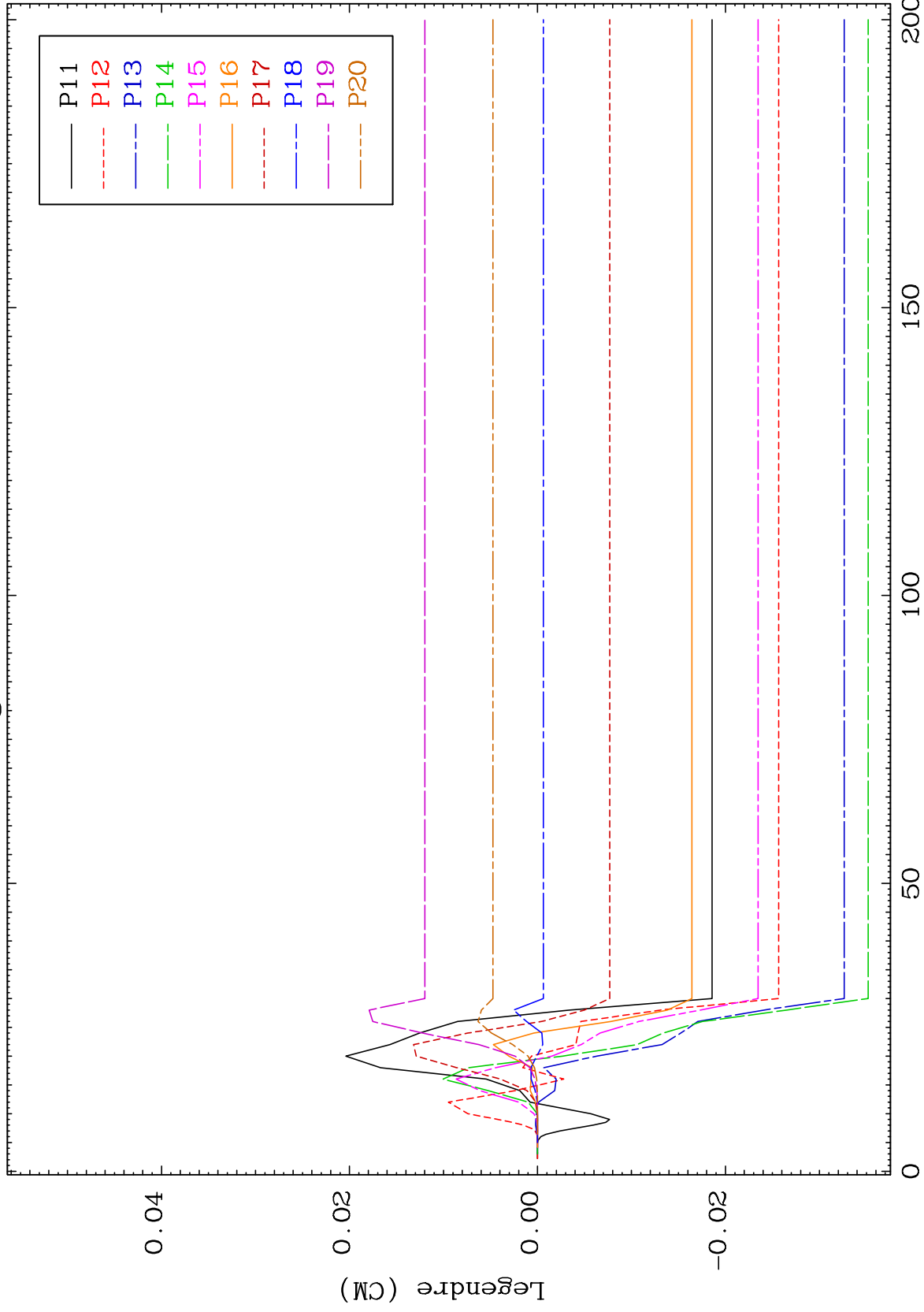
80-Hg-200



MAT 8037

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

80-Hg-200



58

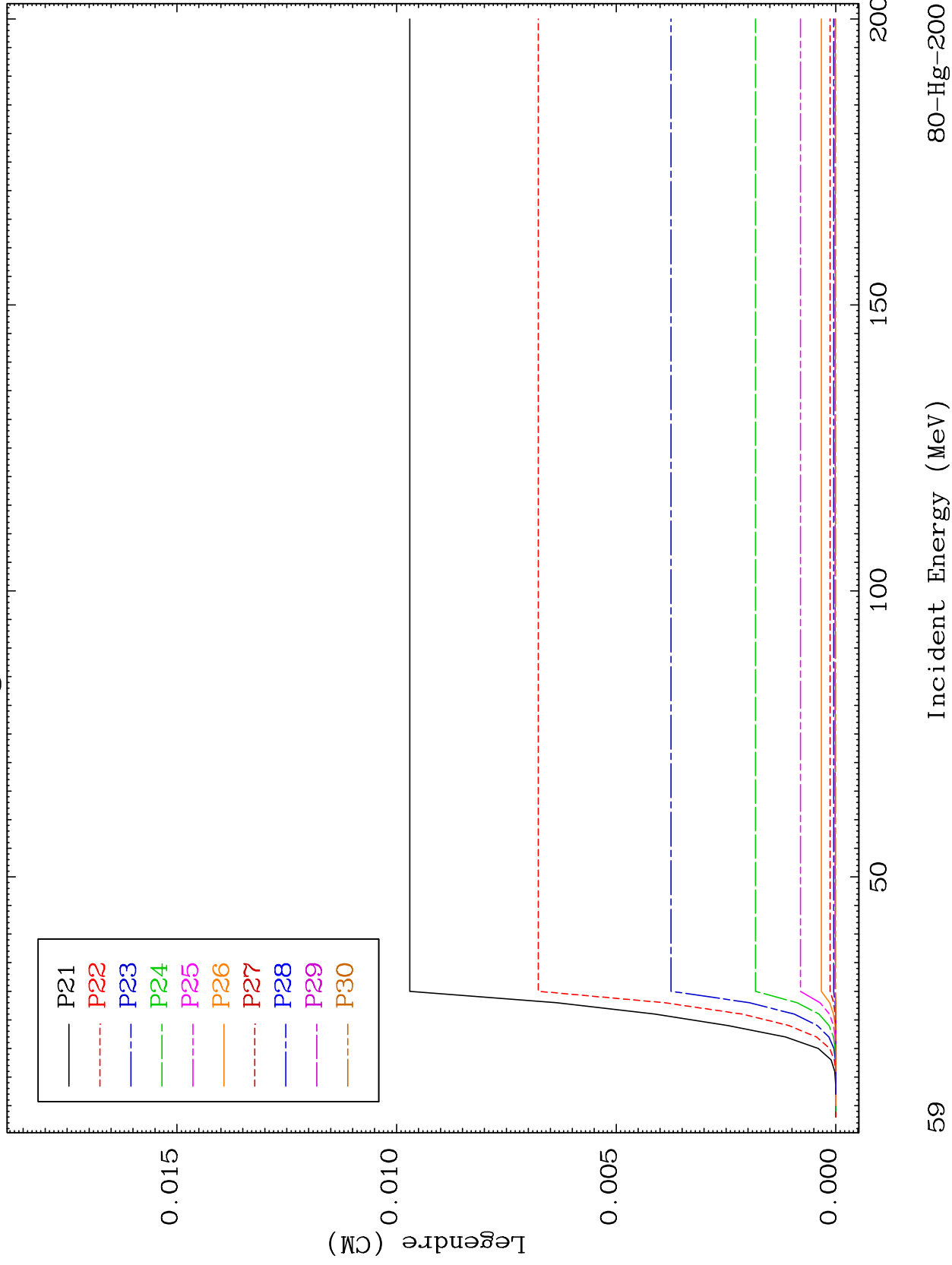
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

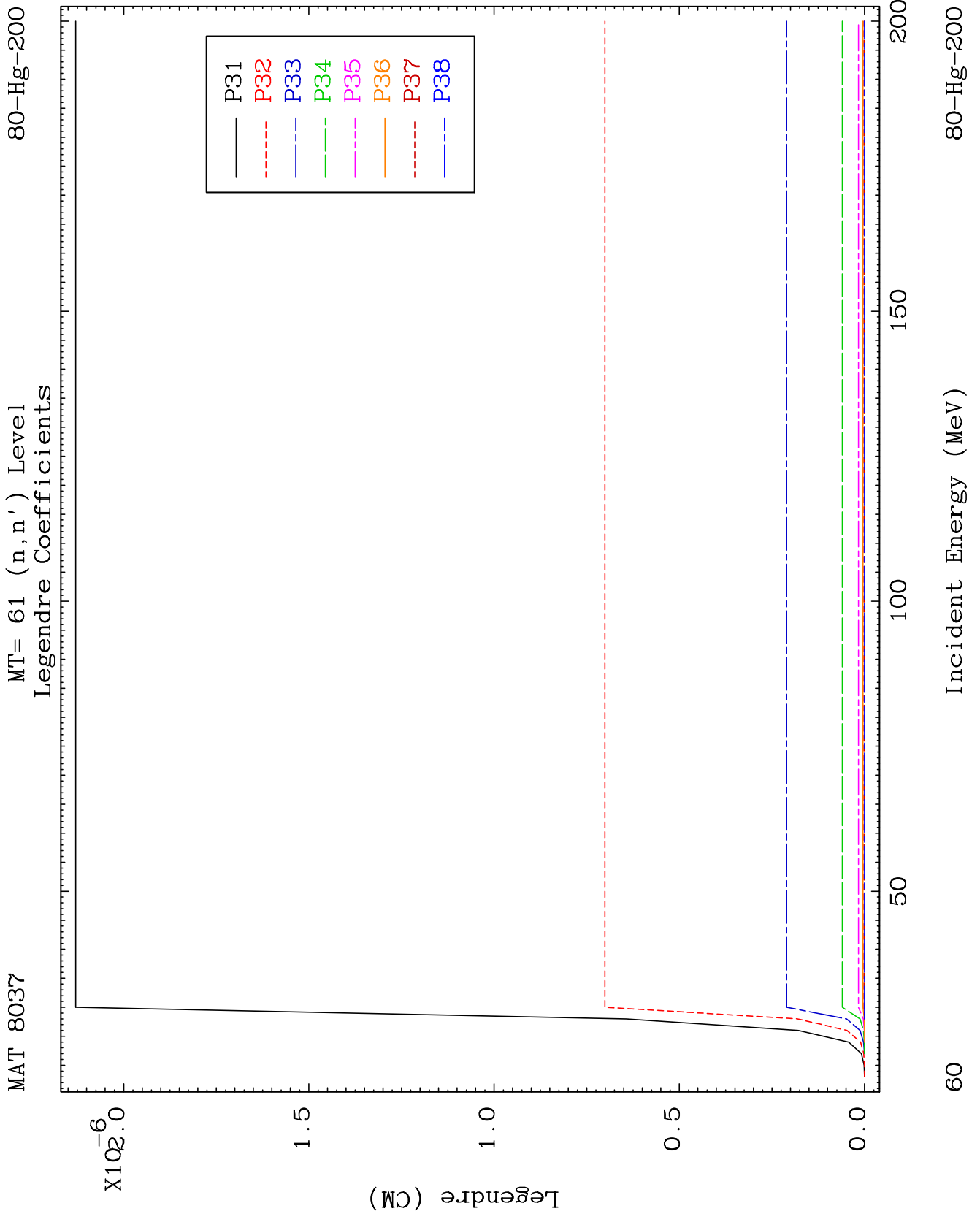
80-Hg-200

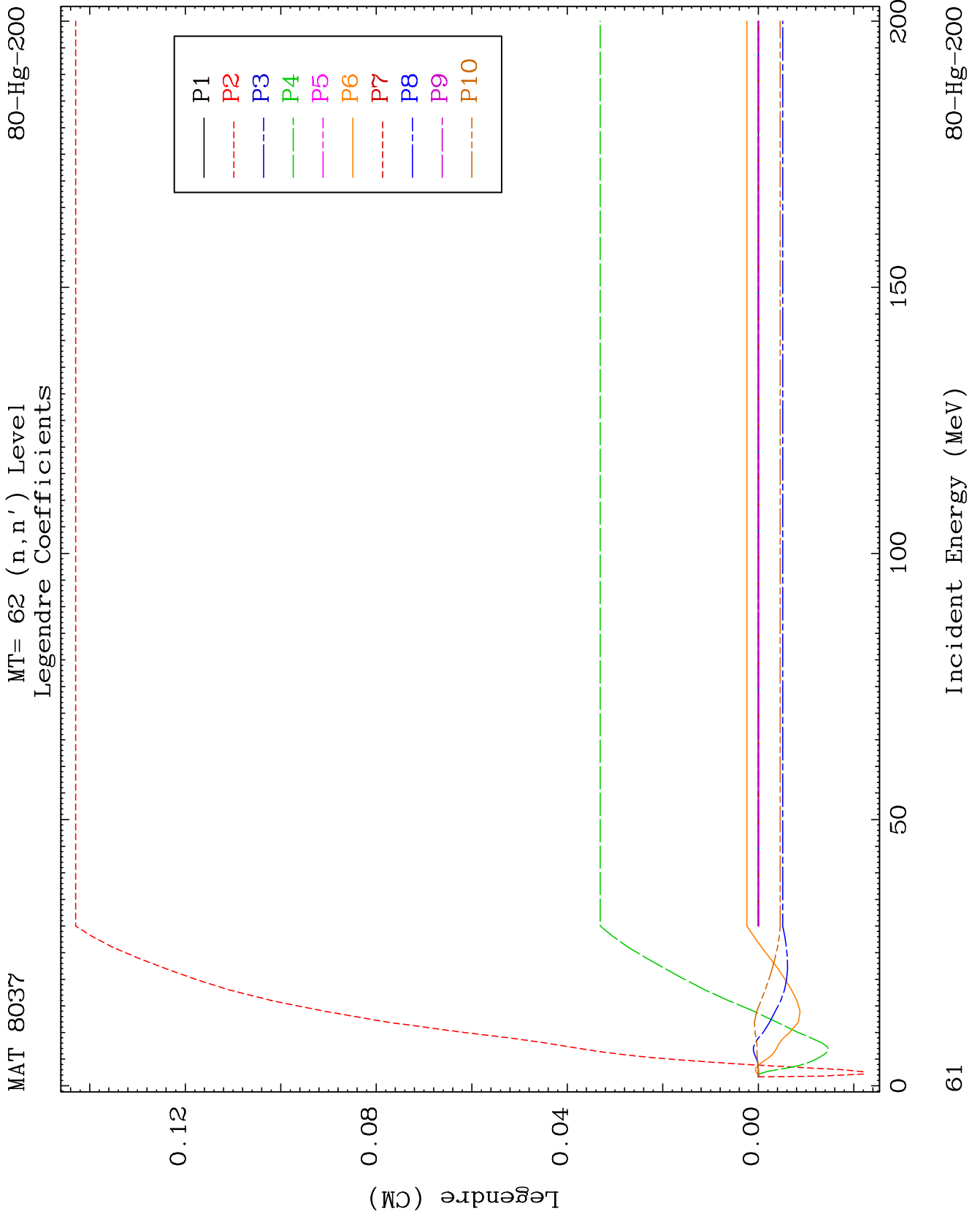


59

Incident Energy (MeV)

80-Hg-200

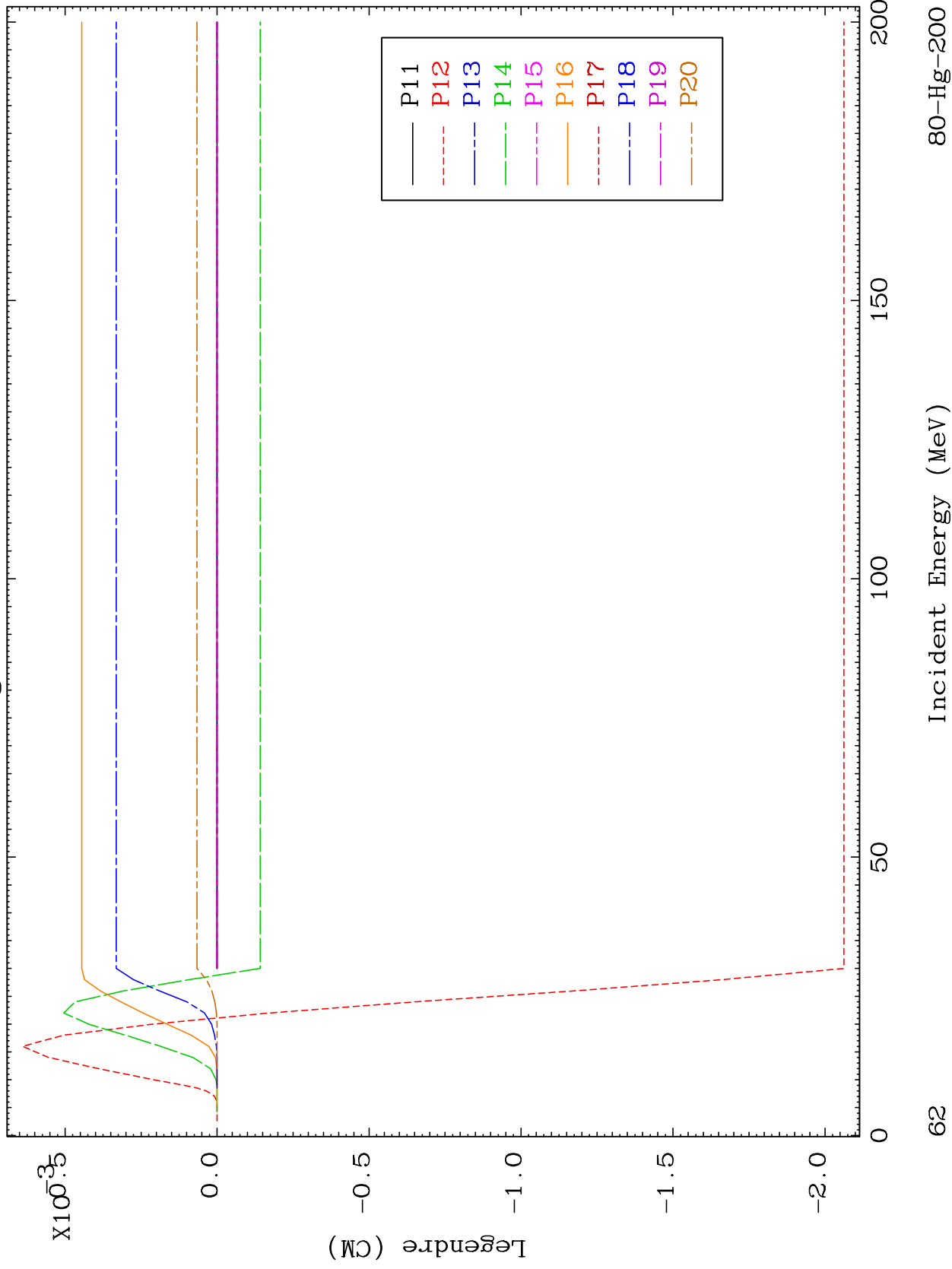




MAT 8037

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

80-Hg-200



62

Incident Energy (MeV)

80-Hg-200

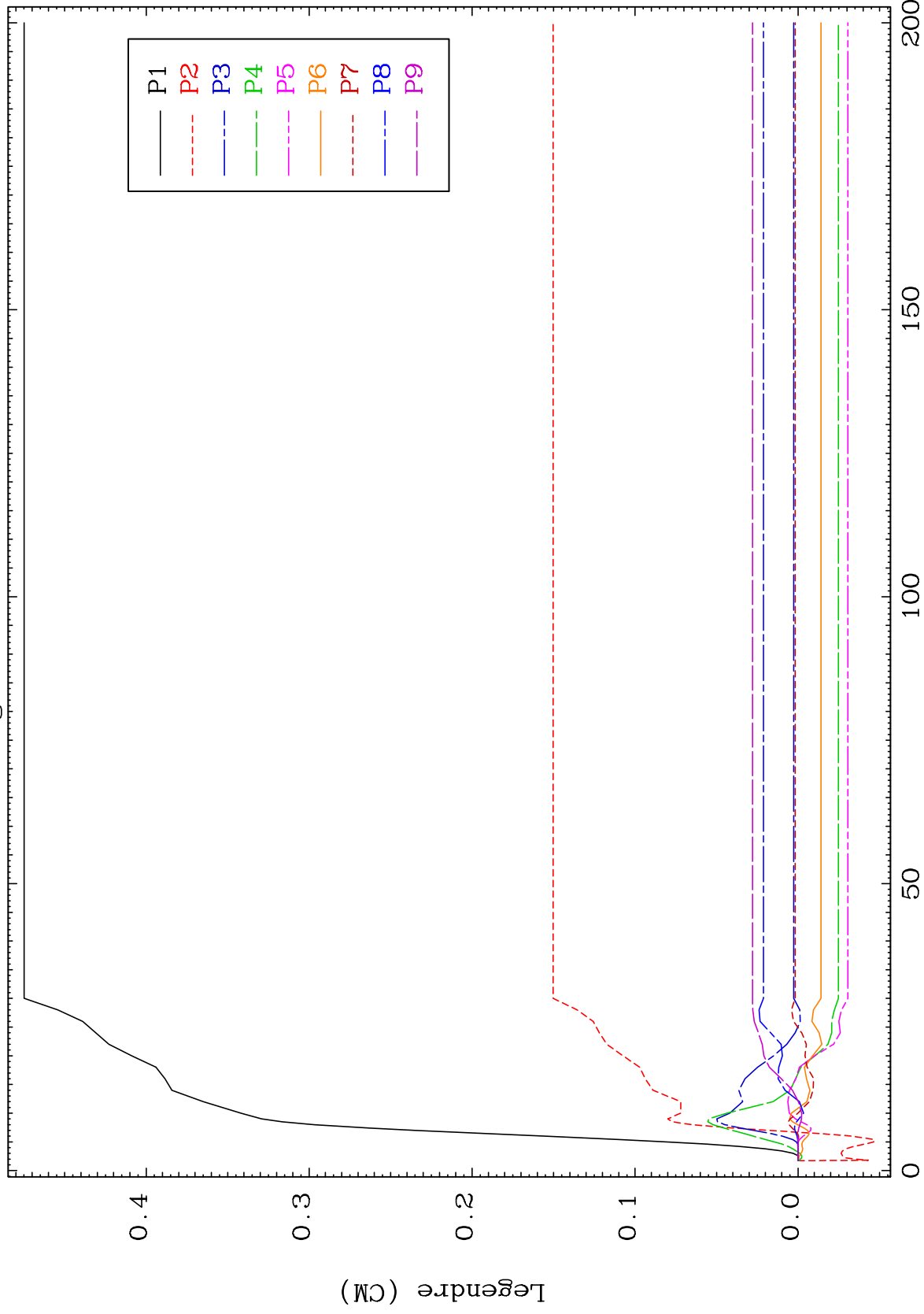




MAT 8037

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

80-Hg-200



64

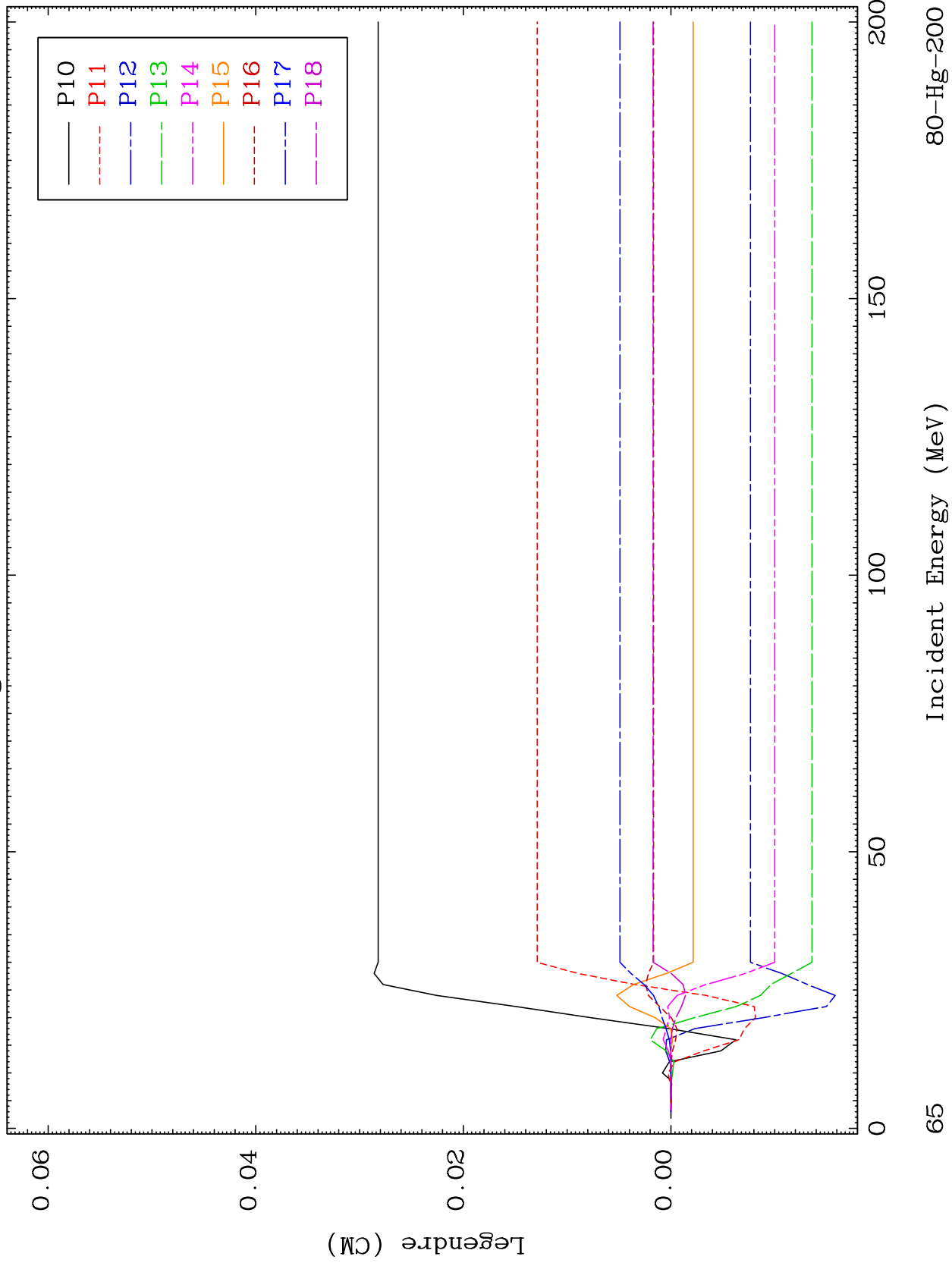
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

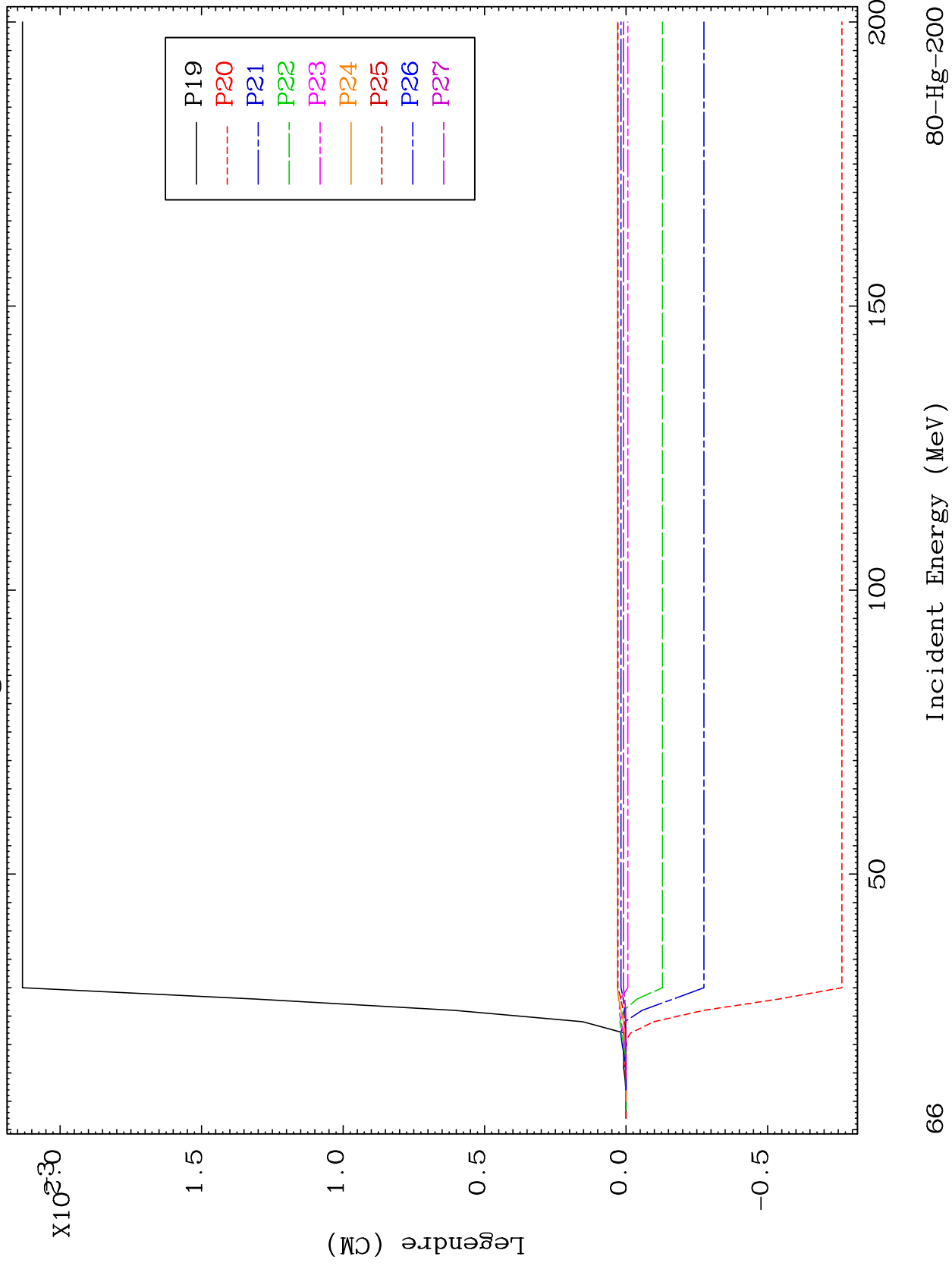
80-Hg-200



MAT 8037

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

80-Hg-200



66

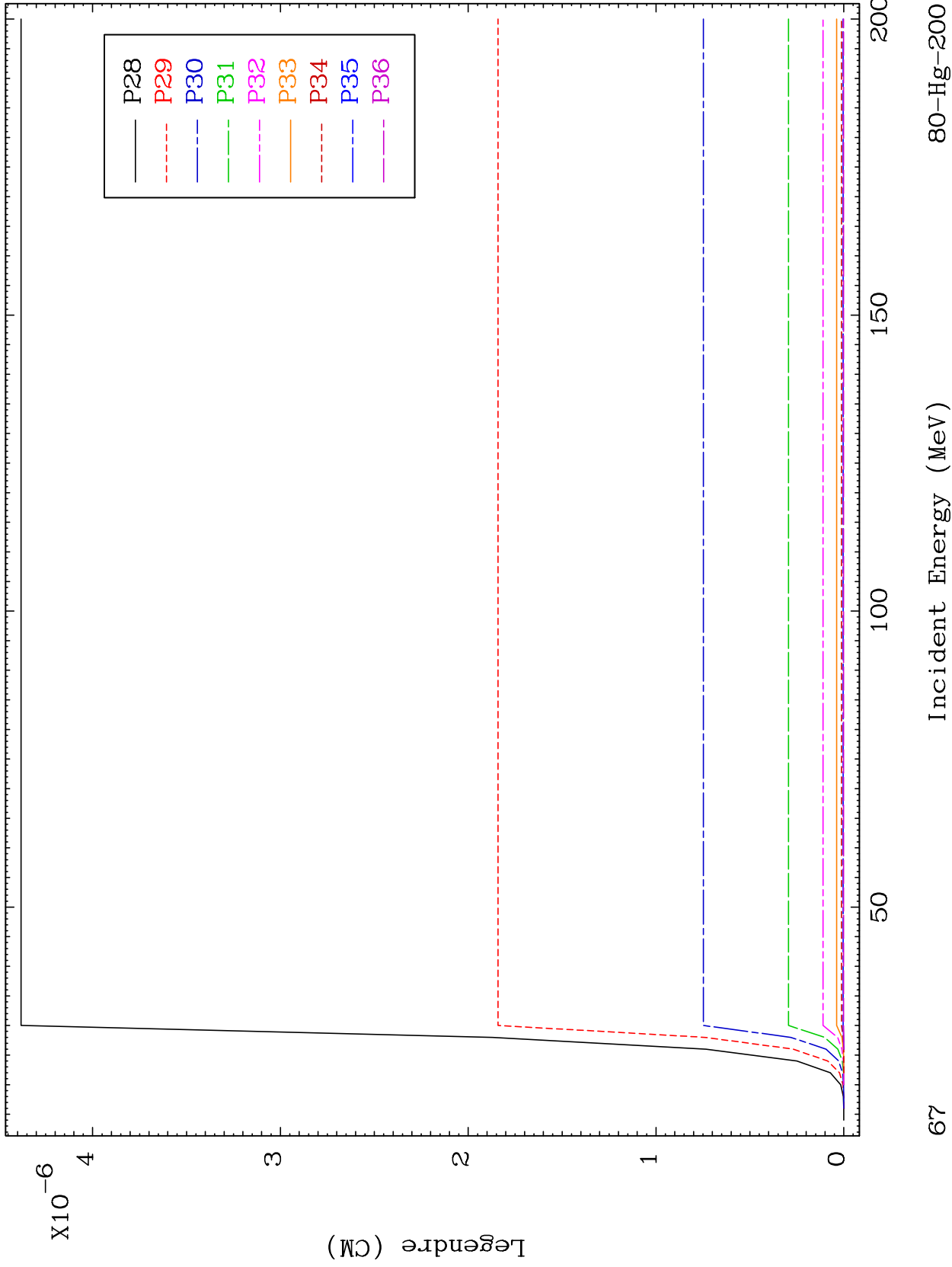
Incident Energy (MeV)

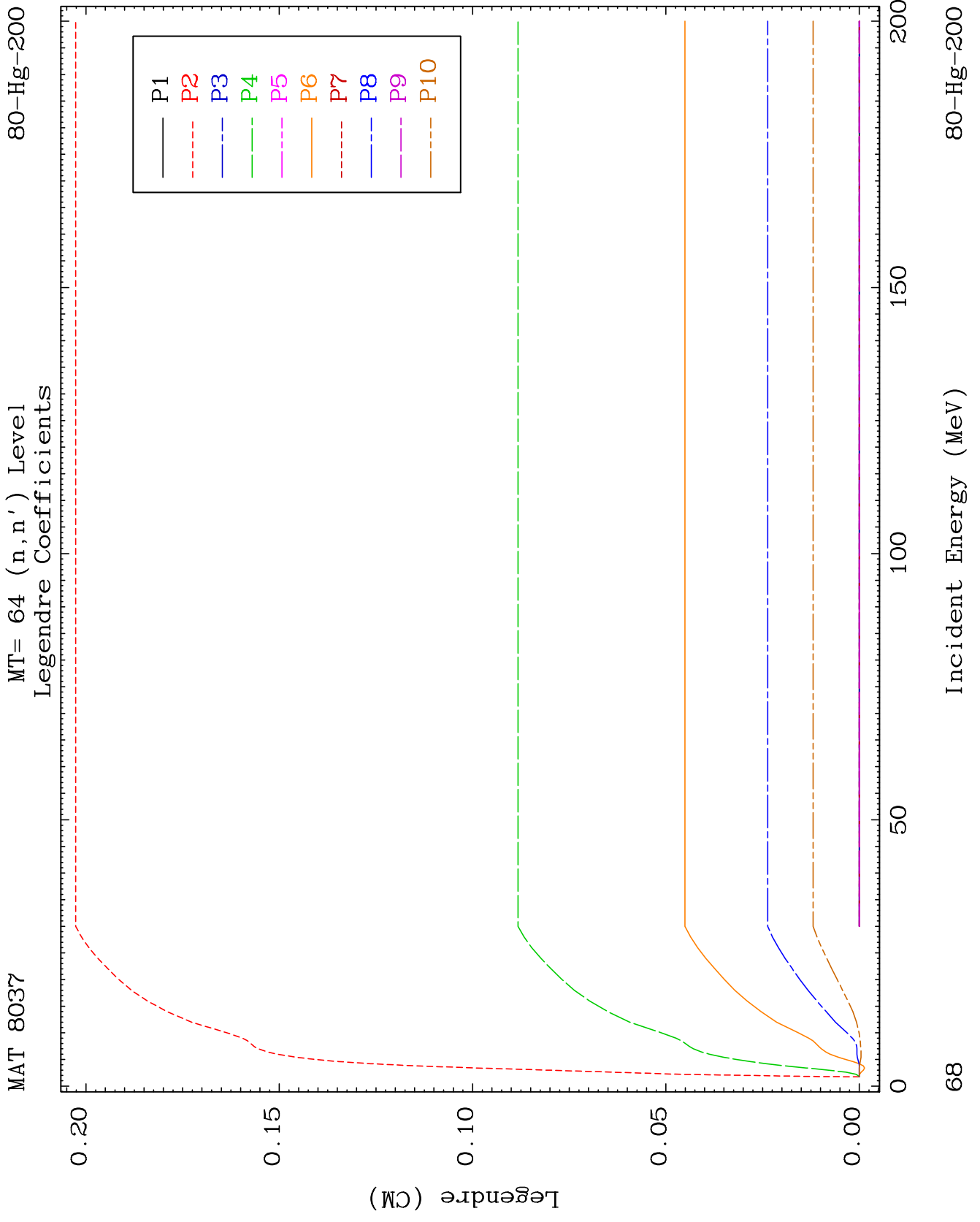
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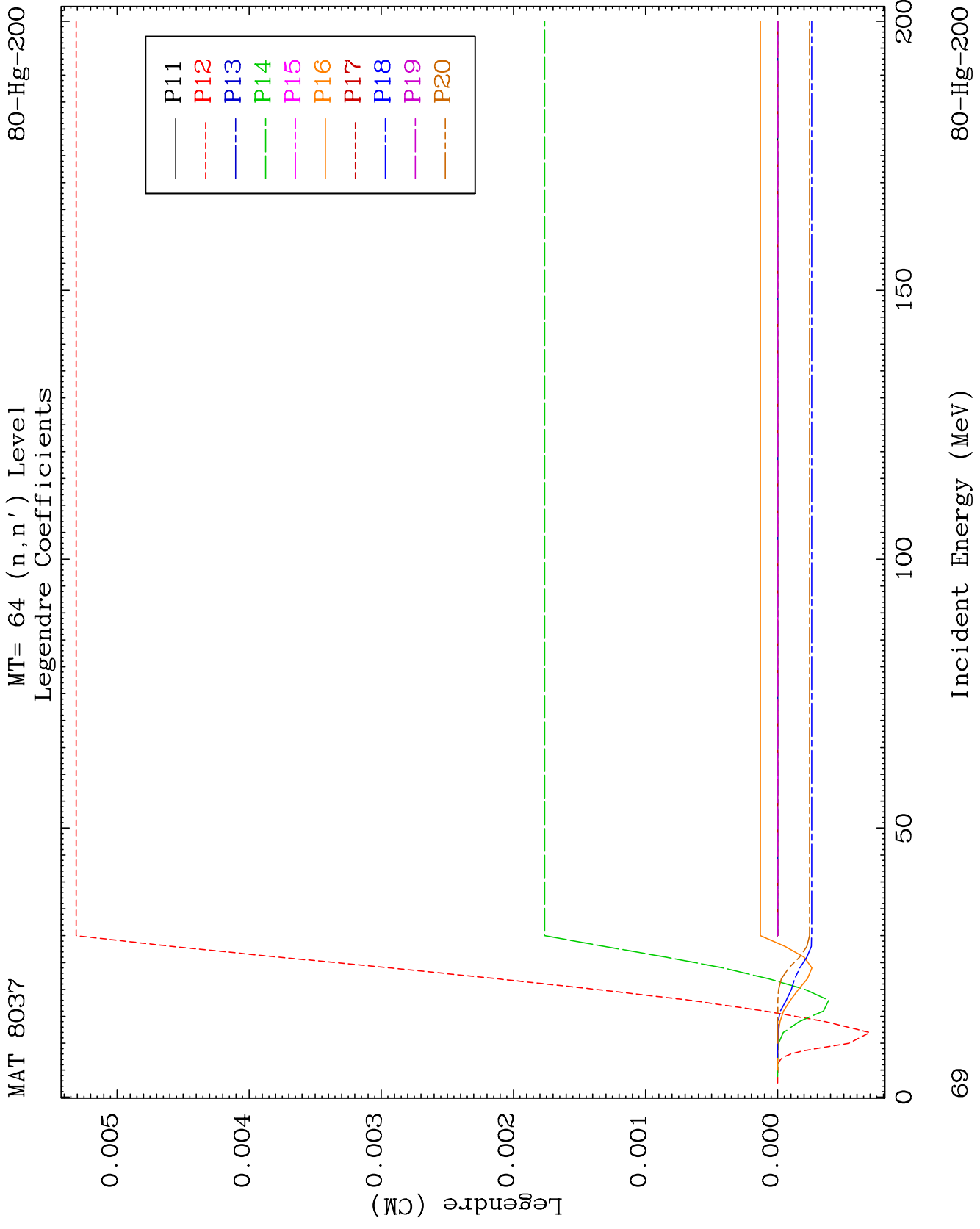
MAT 8037

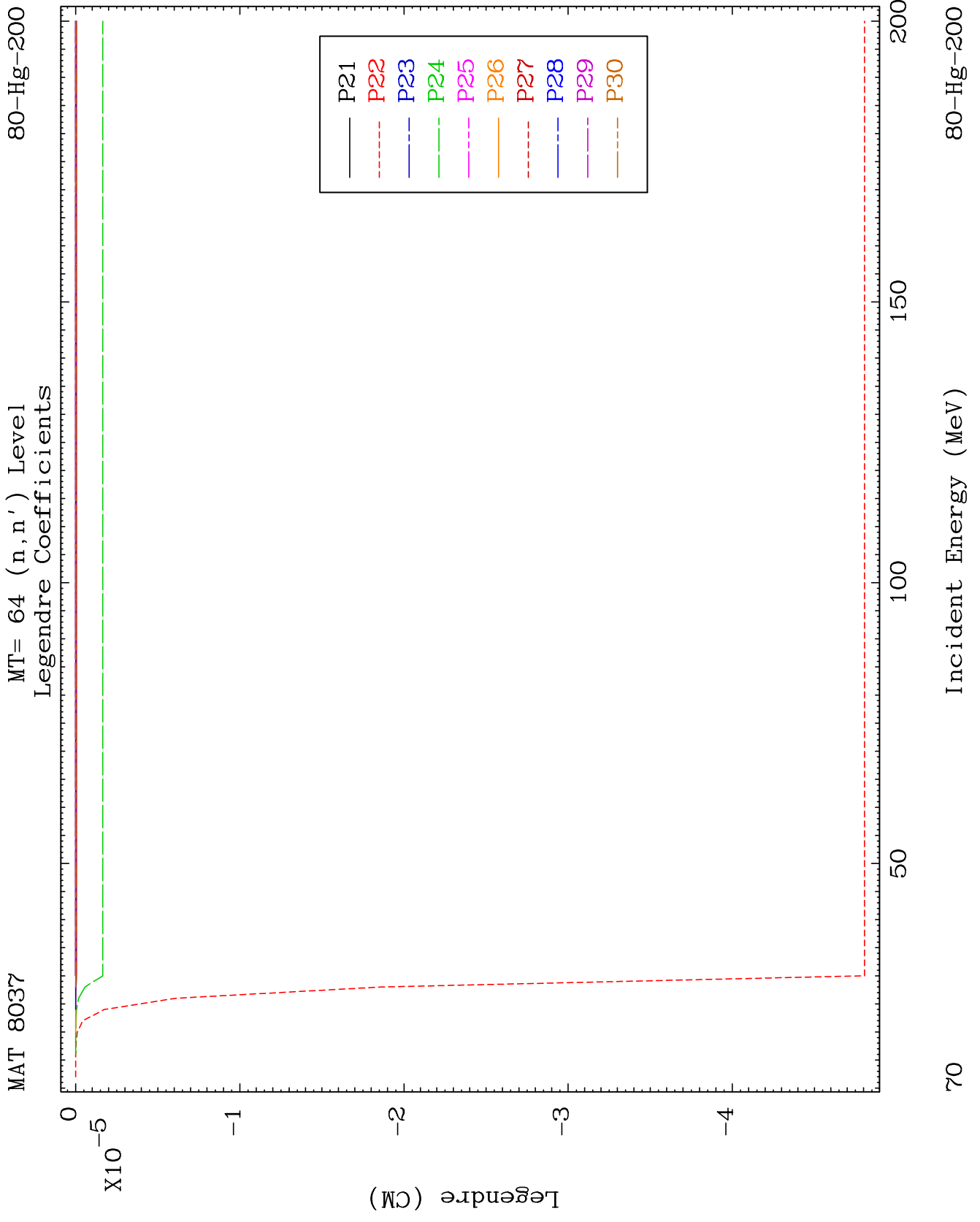
MT= 63 (n,n') Level  
Legendre Coefficients

80-Hg-200





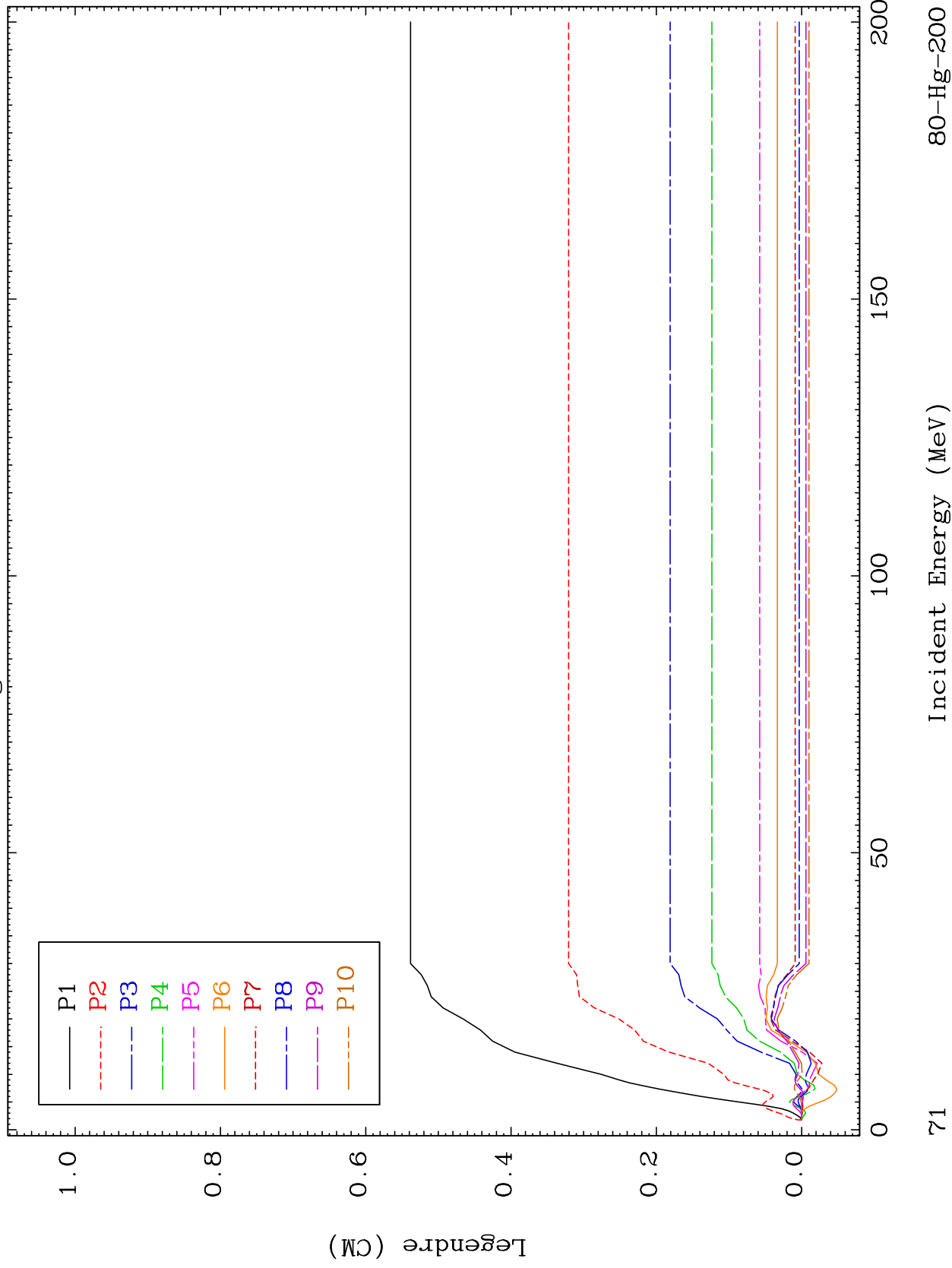




MAT 8037

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

80-Hg-200



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Incident Energy (MeV)

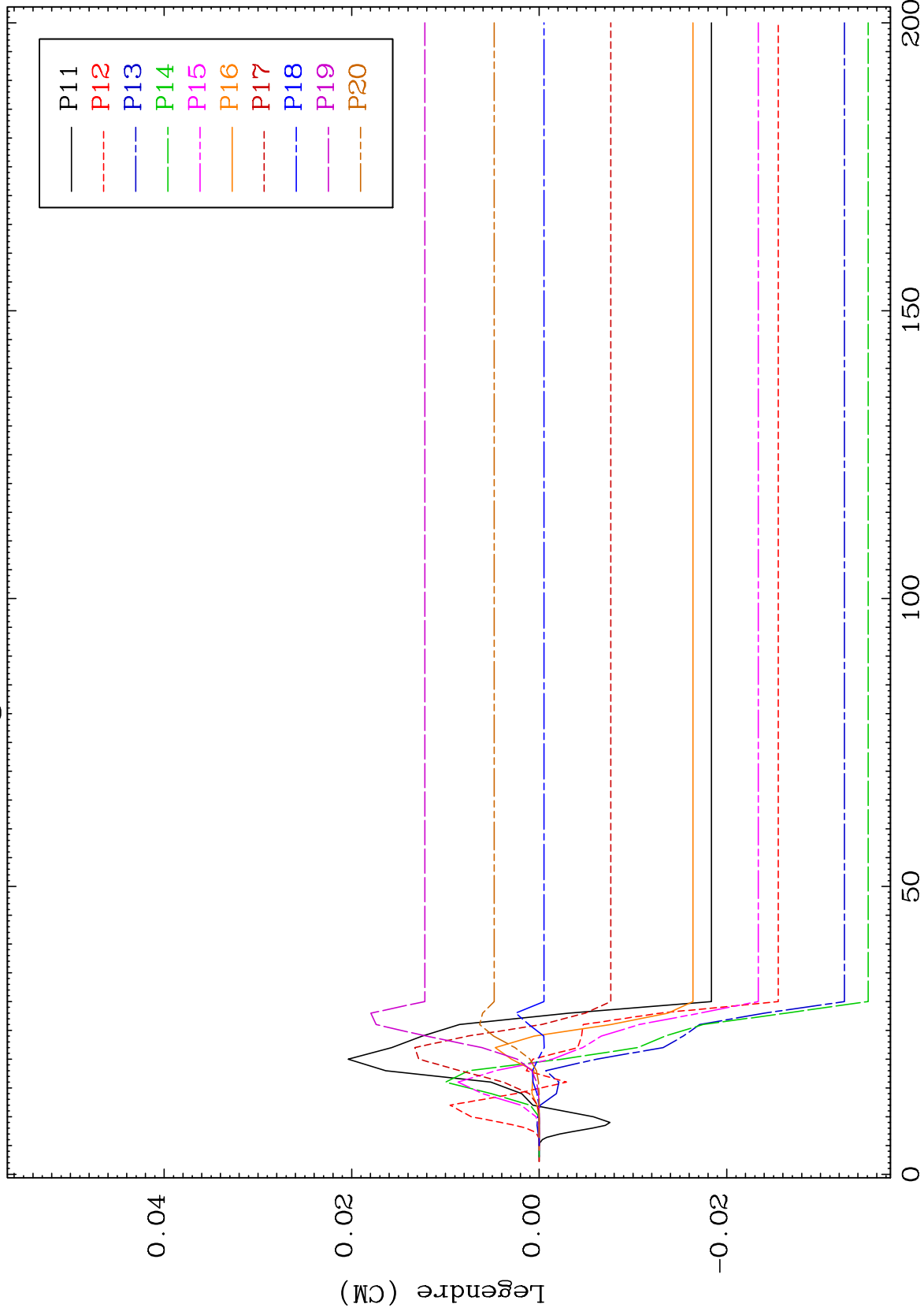
80-Hg-200



MAT 8037

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

80-Hg-200



72

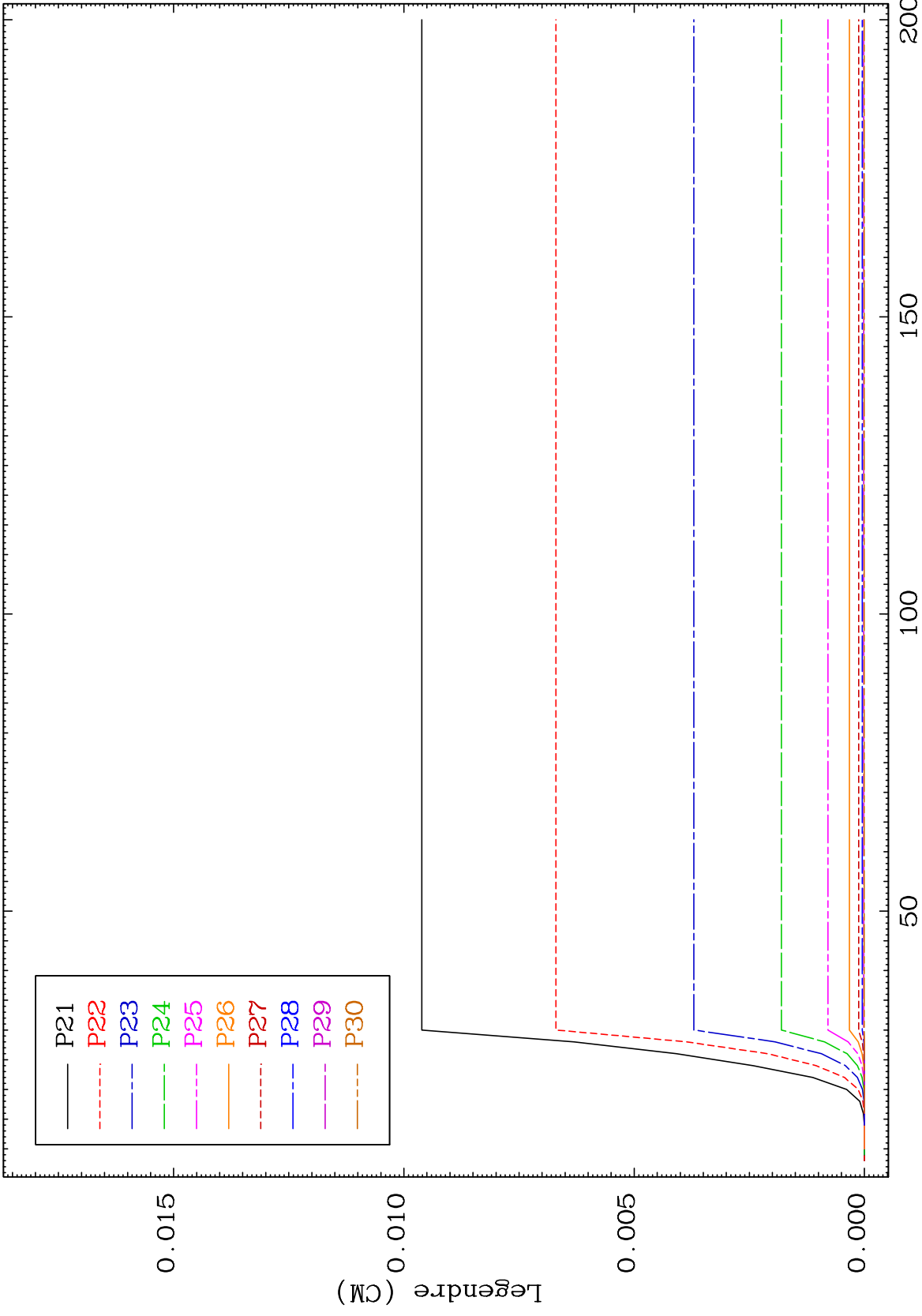
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

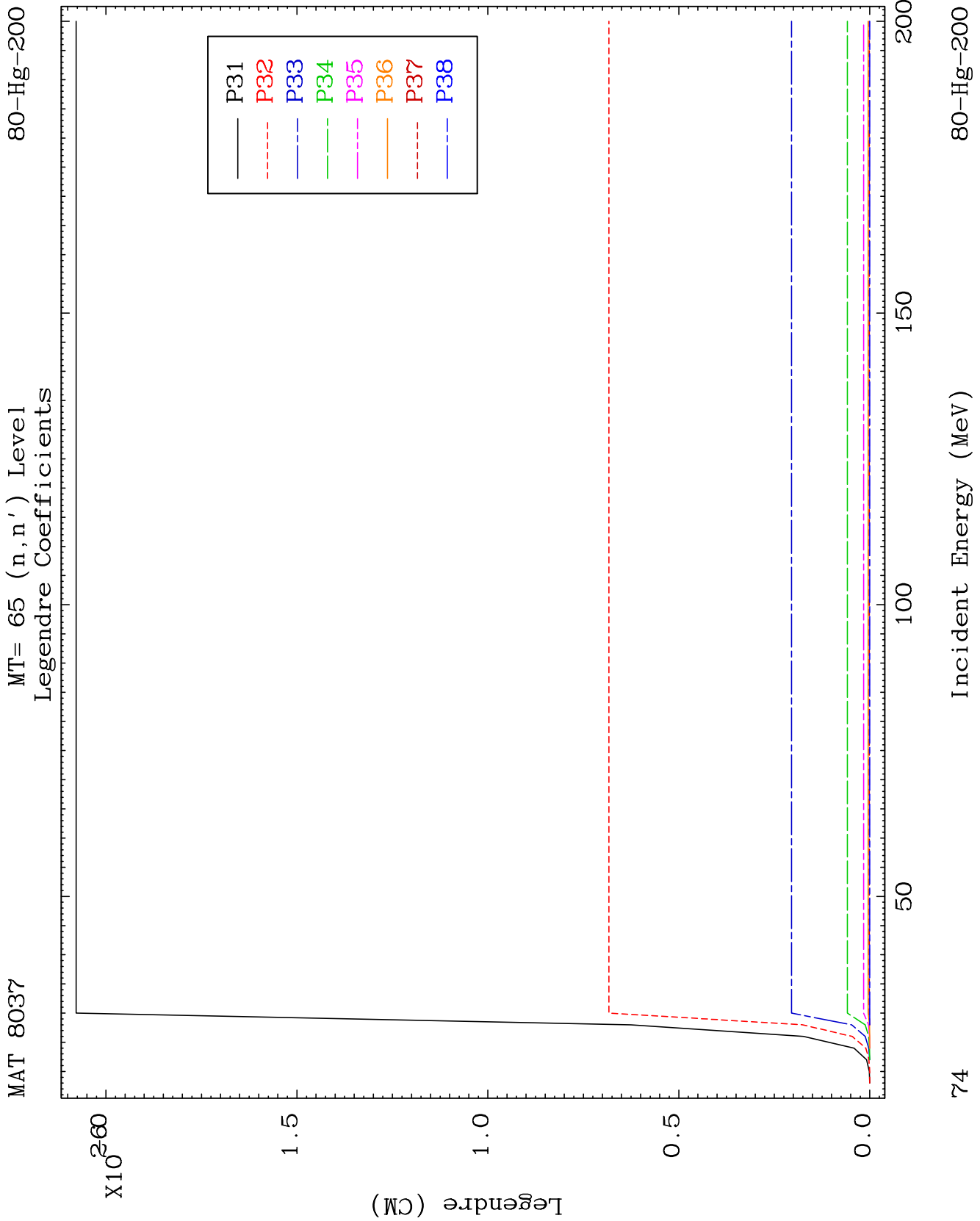
80-Hg-200

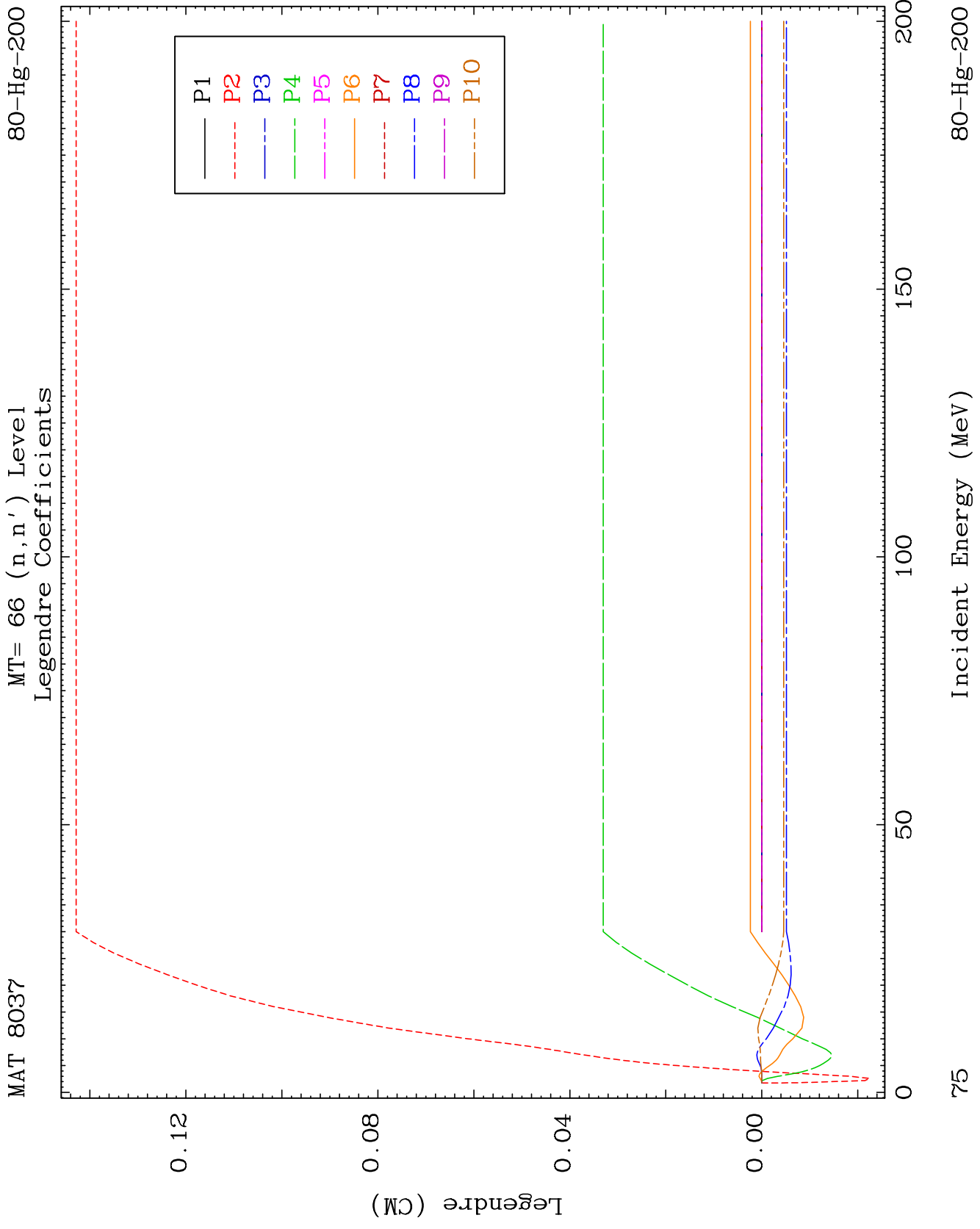


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Incident Energy (MeV)

80-Hg-200

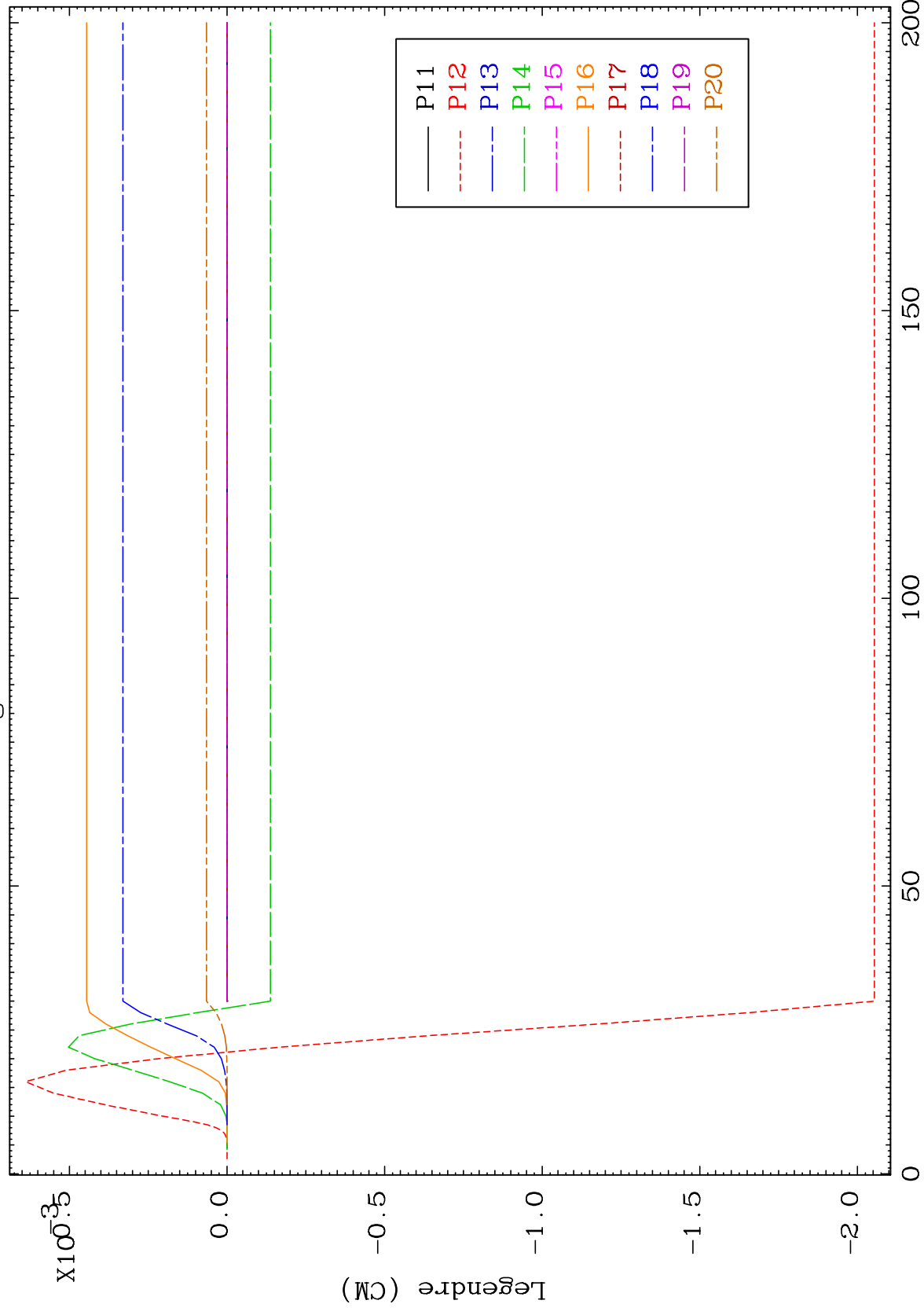




MAT 8037

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

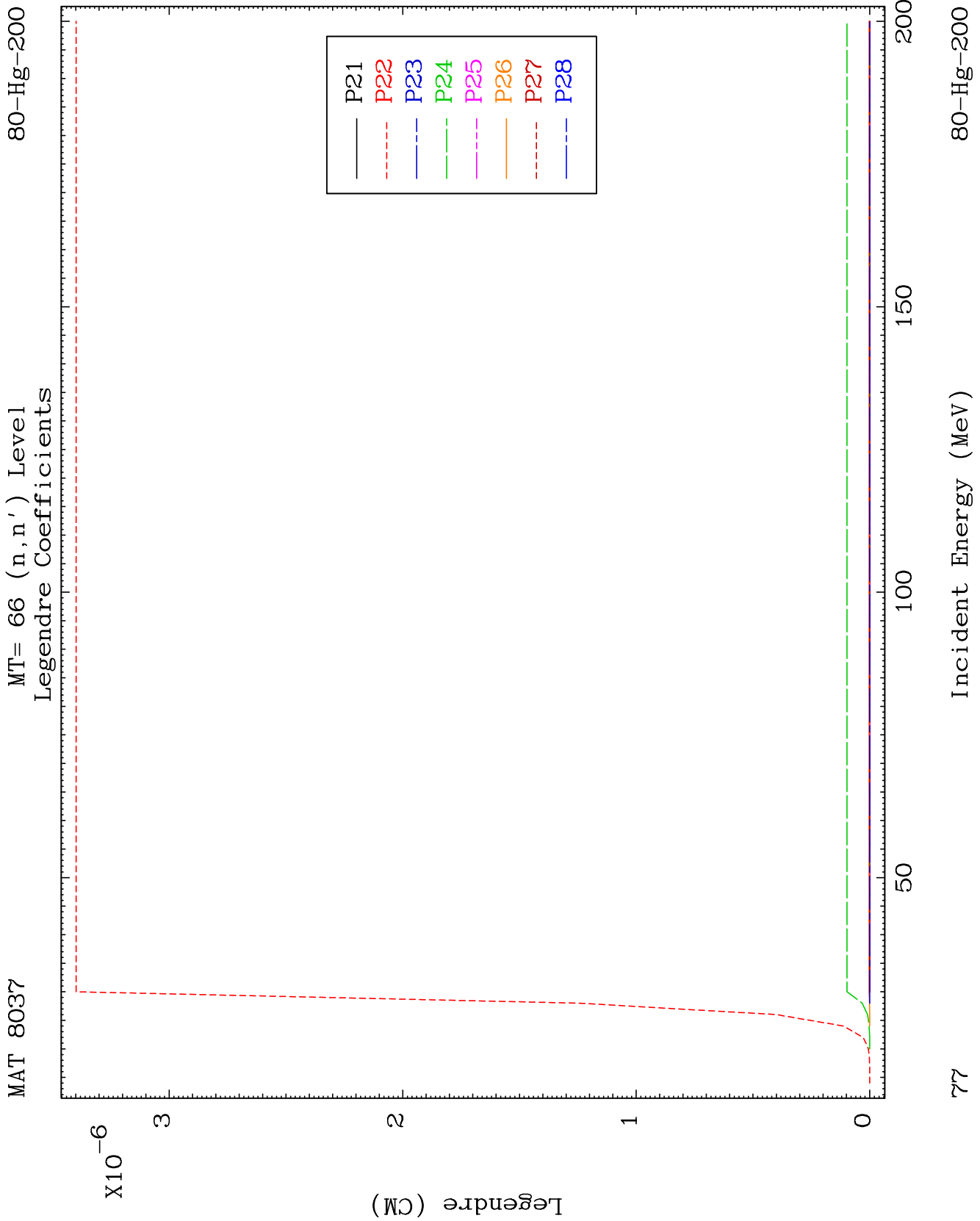
80-Hg-200

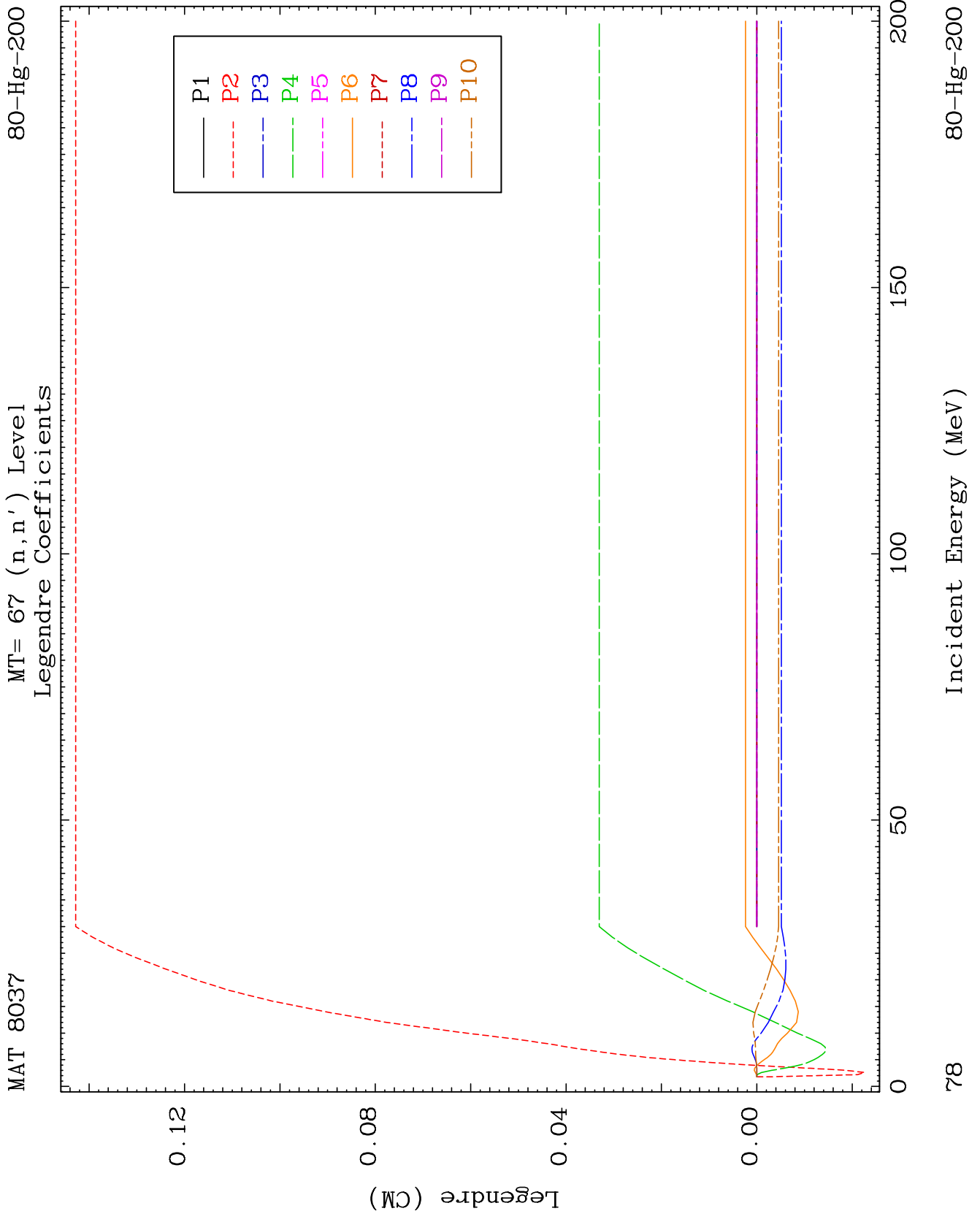


76

Incident Energy (MeV)

80-Hg-200

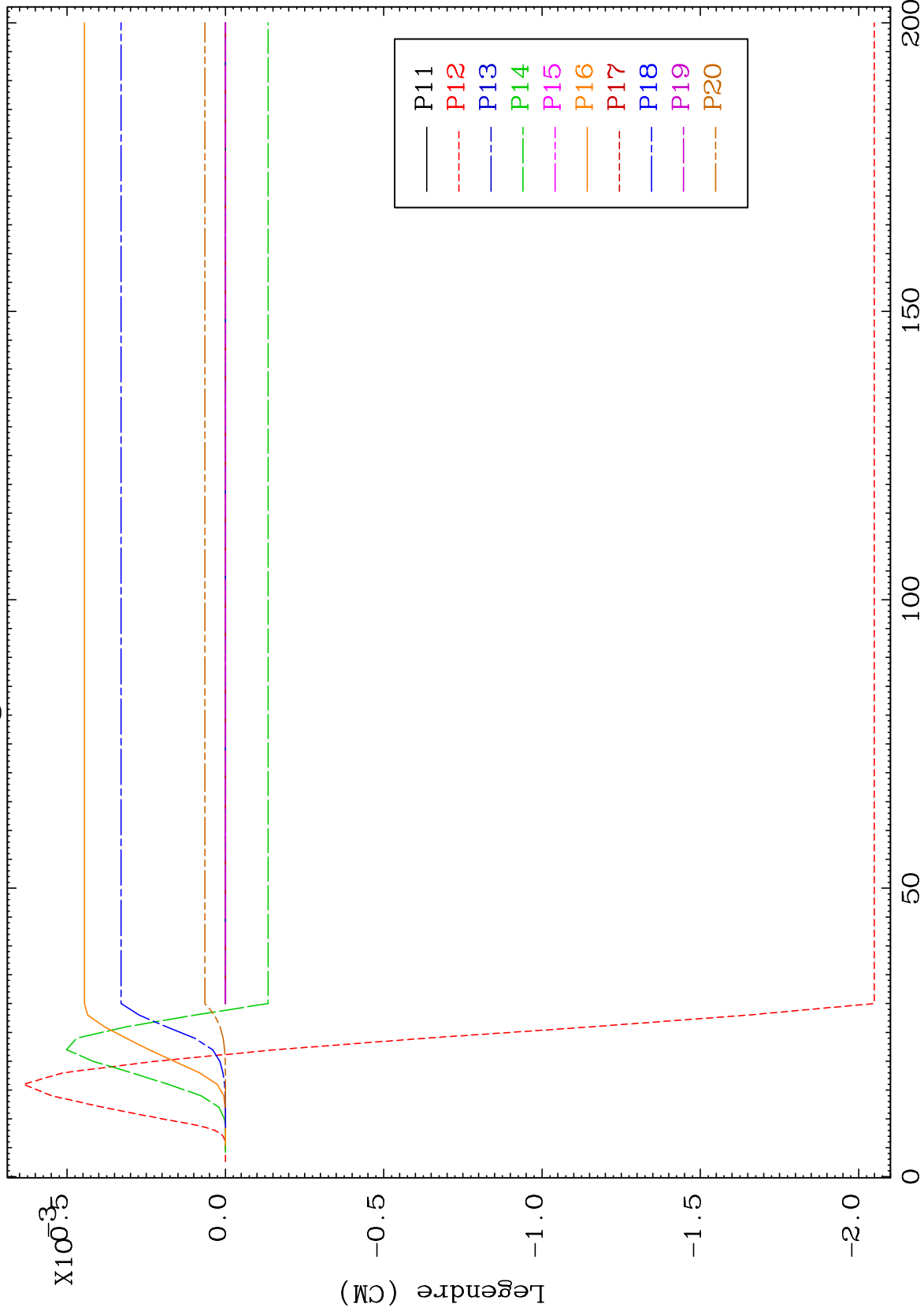




MAT 8037

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

80-Hg-200

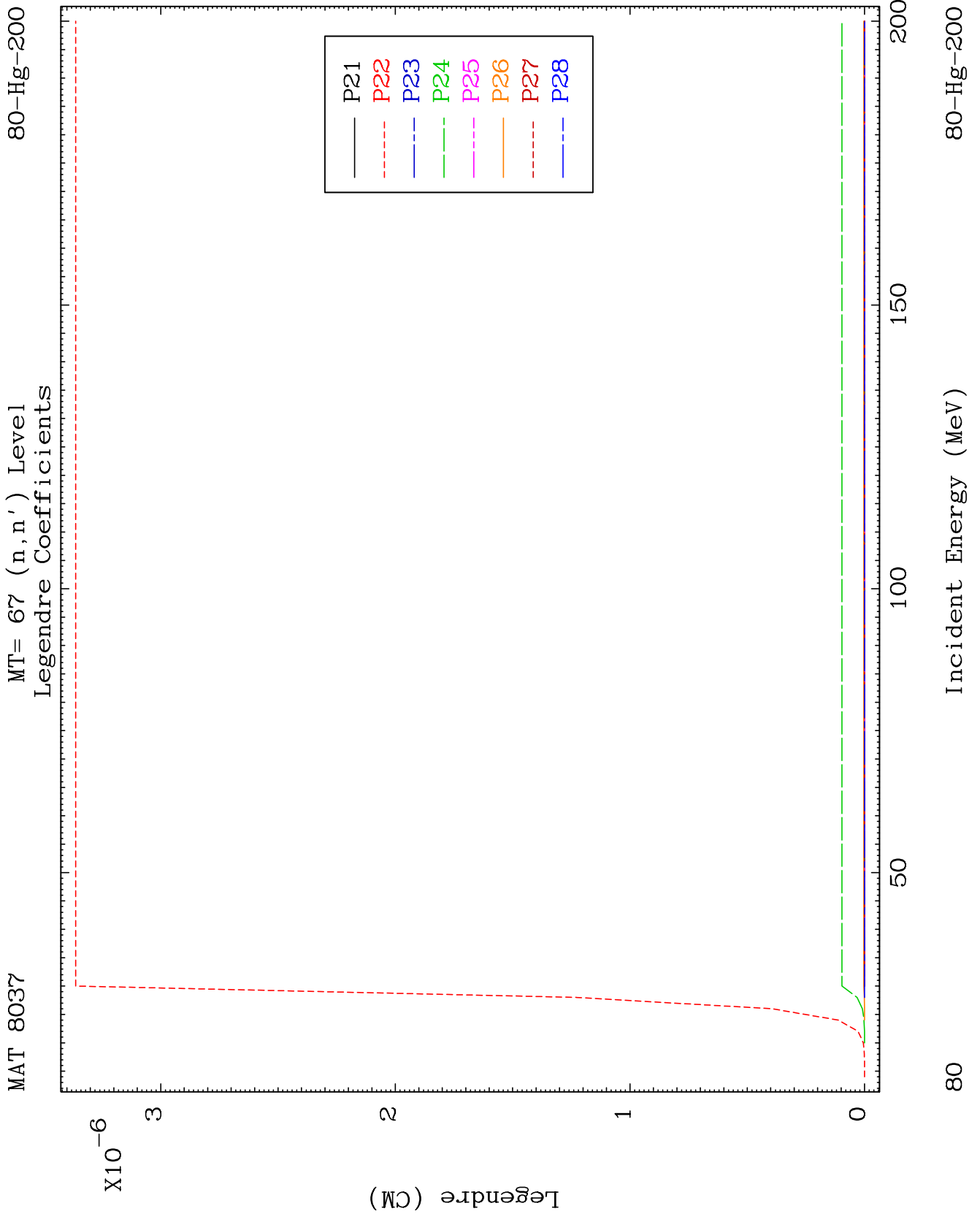


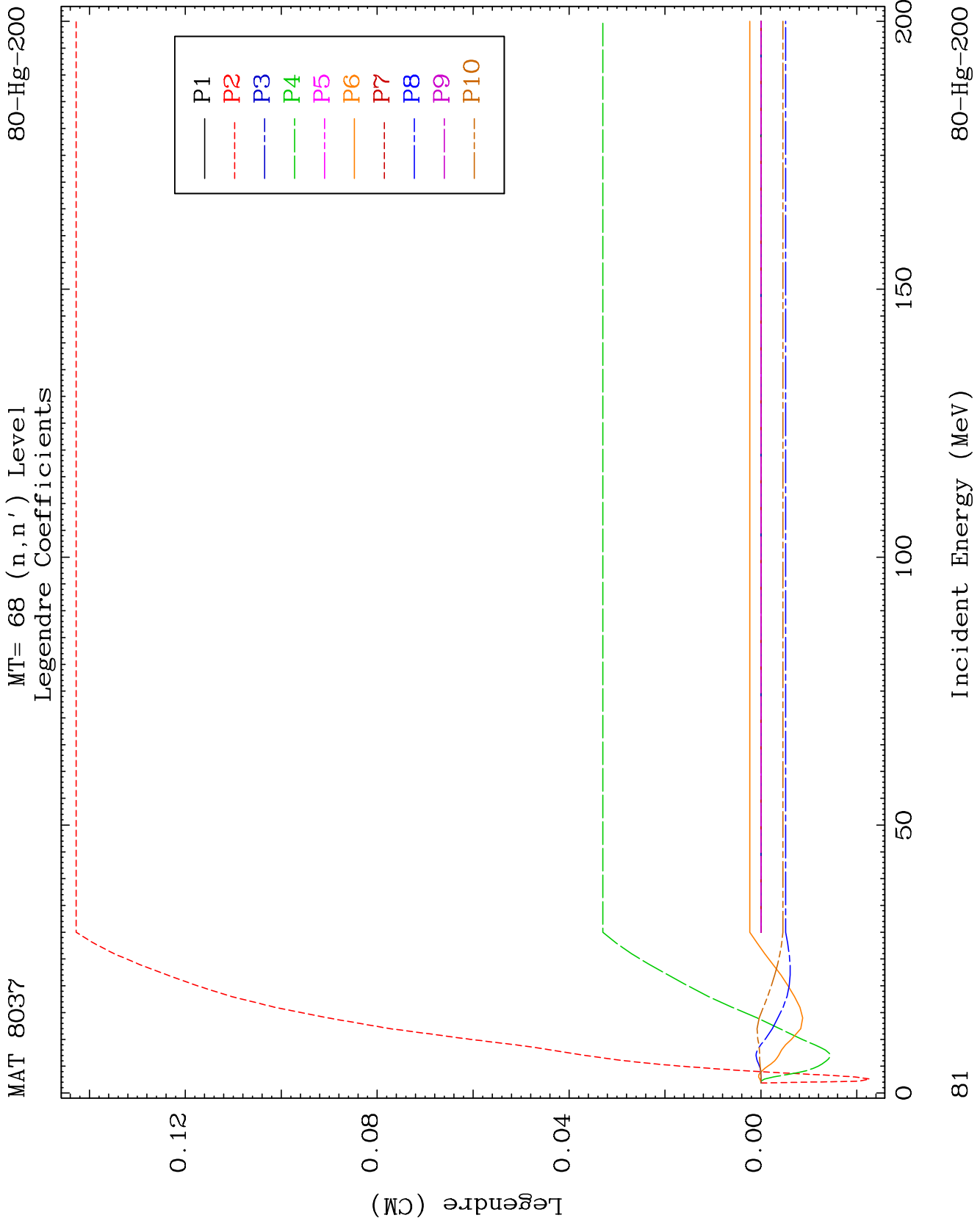
79

Incident Energy (MeV)

80-Hg-200



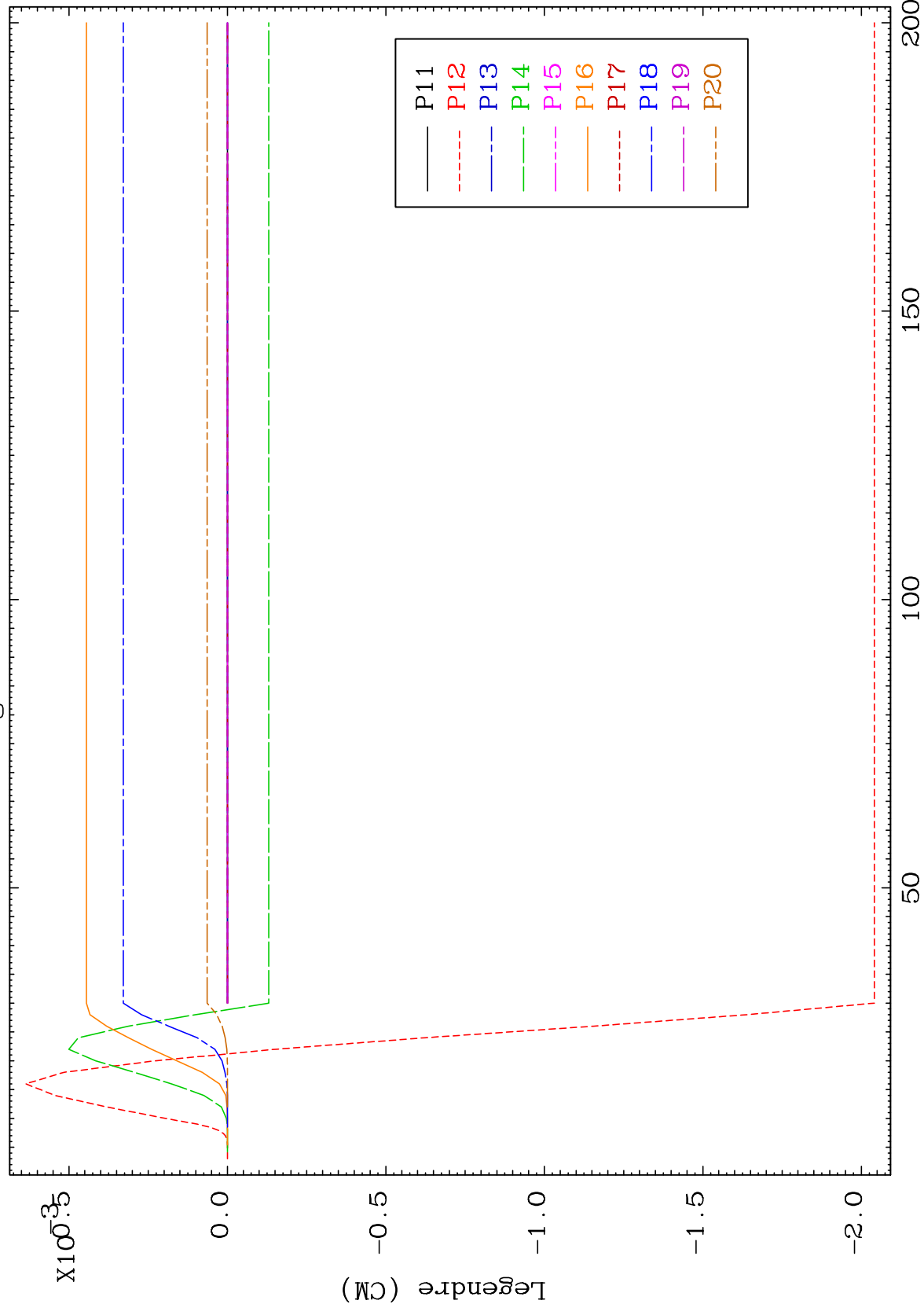




MAT 8037

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

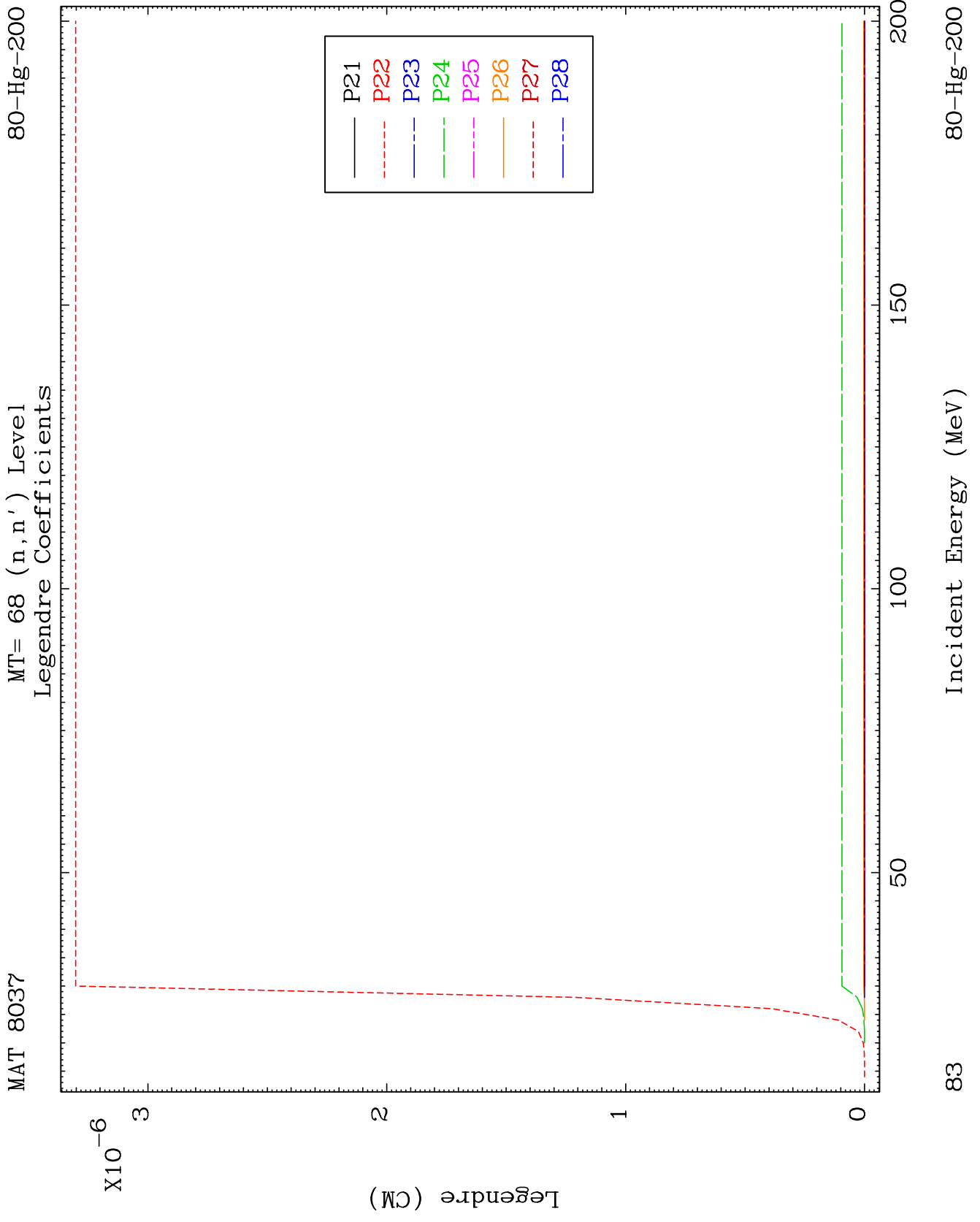
80-Hg-200

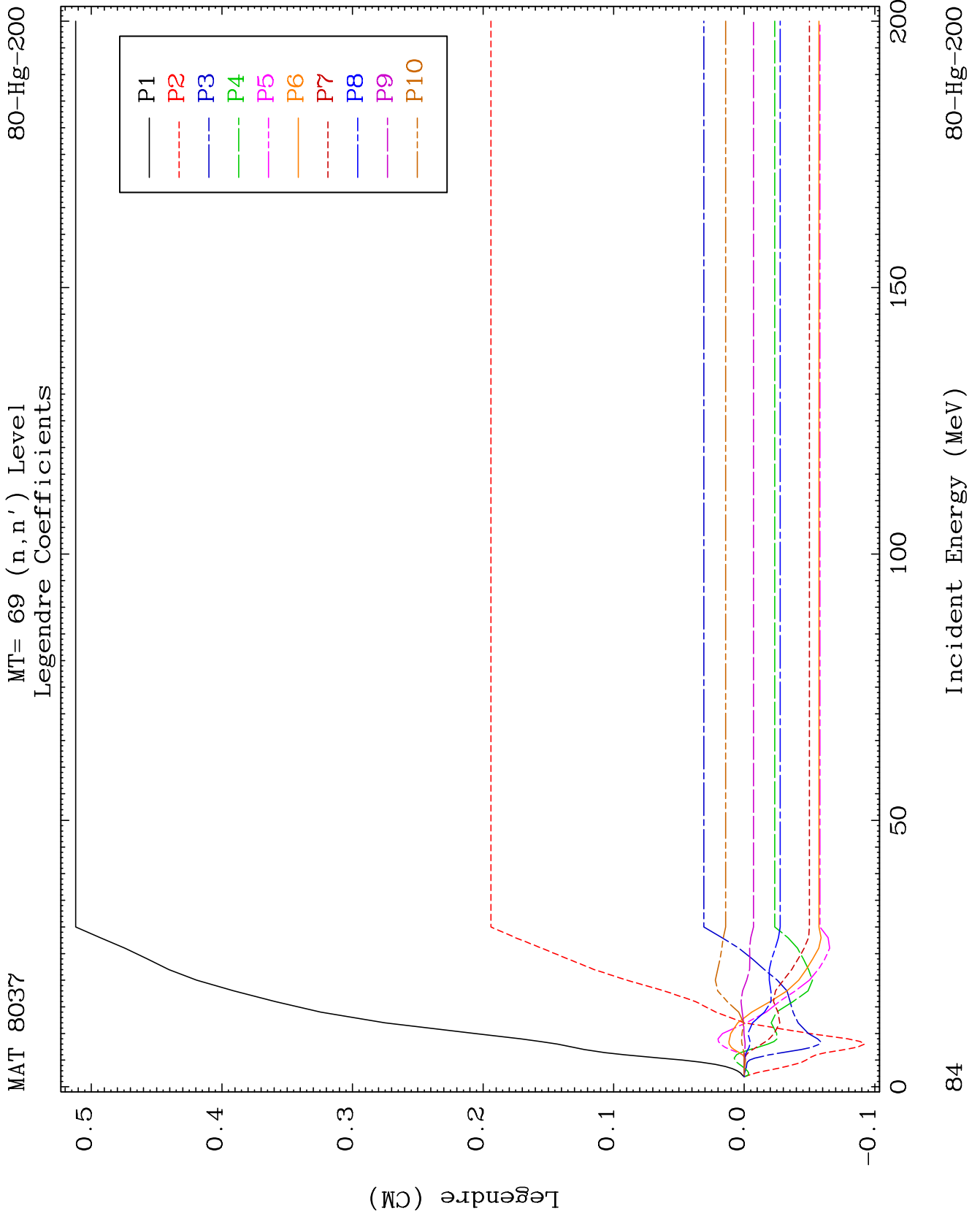


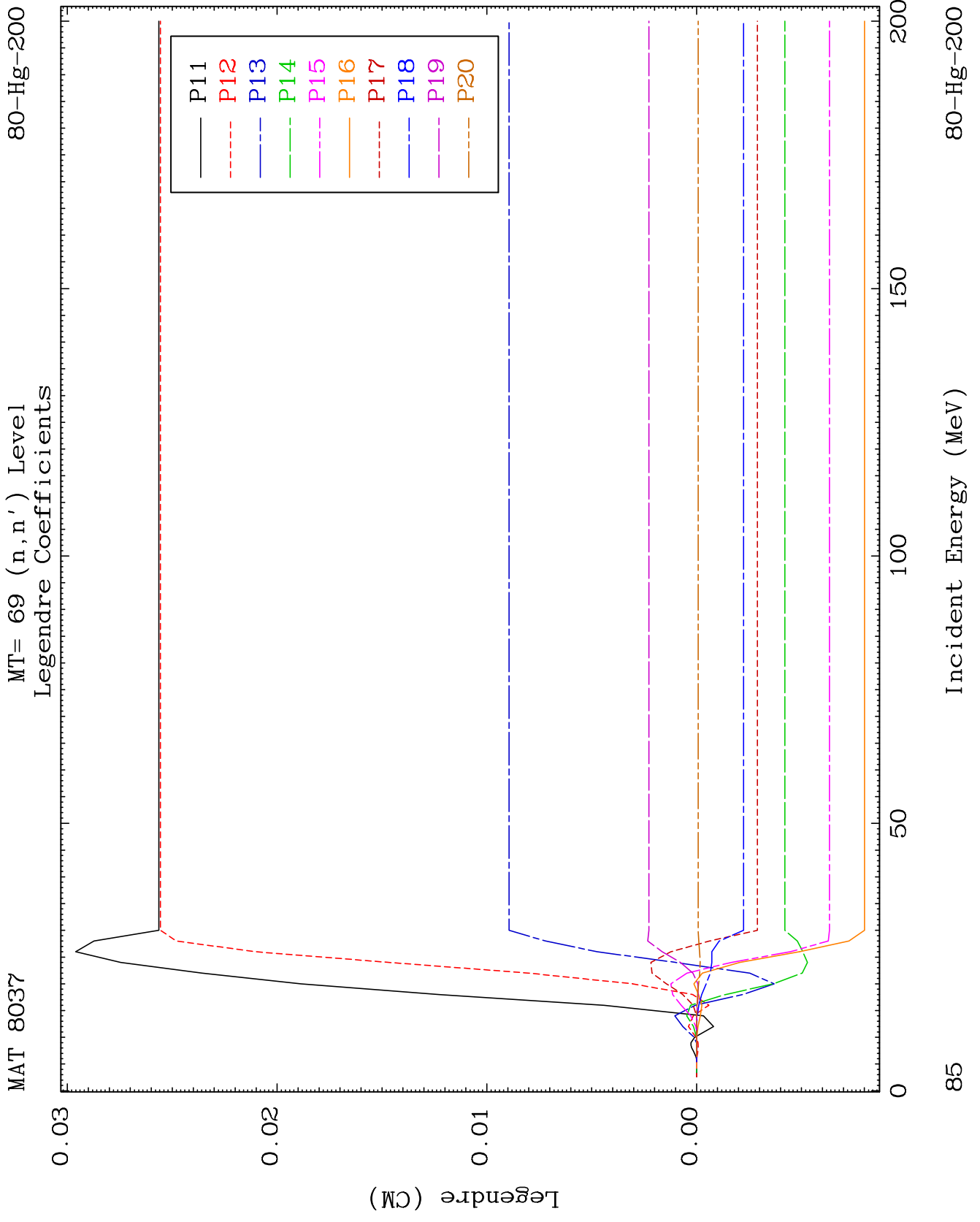
82

Incident Energy (MeV)

80-Hg-200



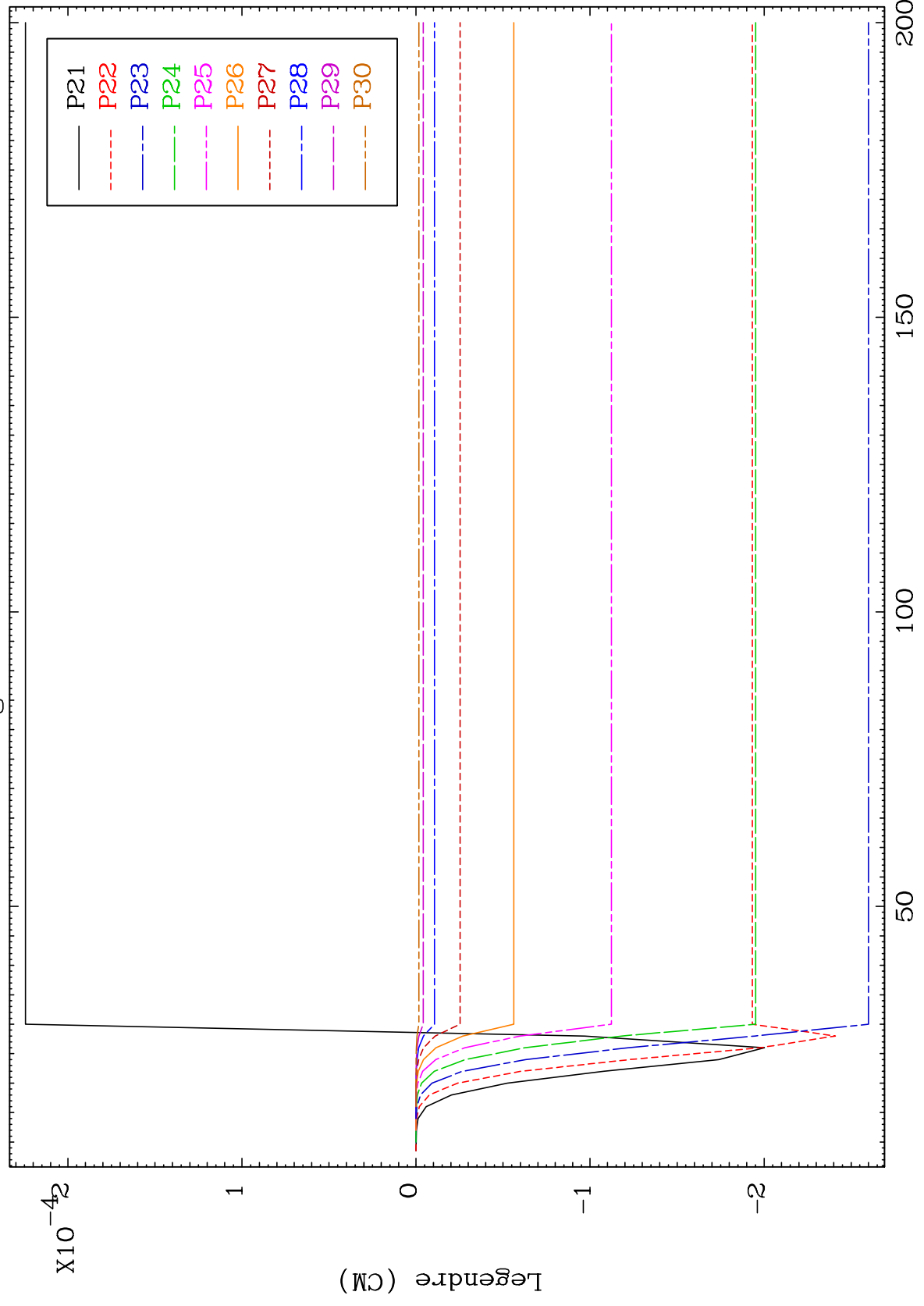




MAT 8037

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

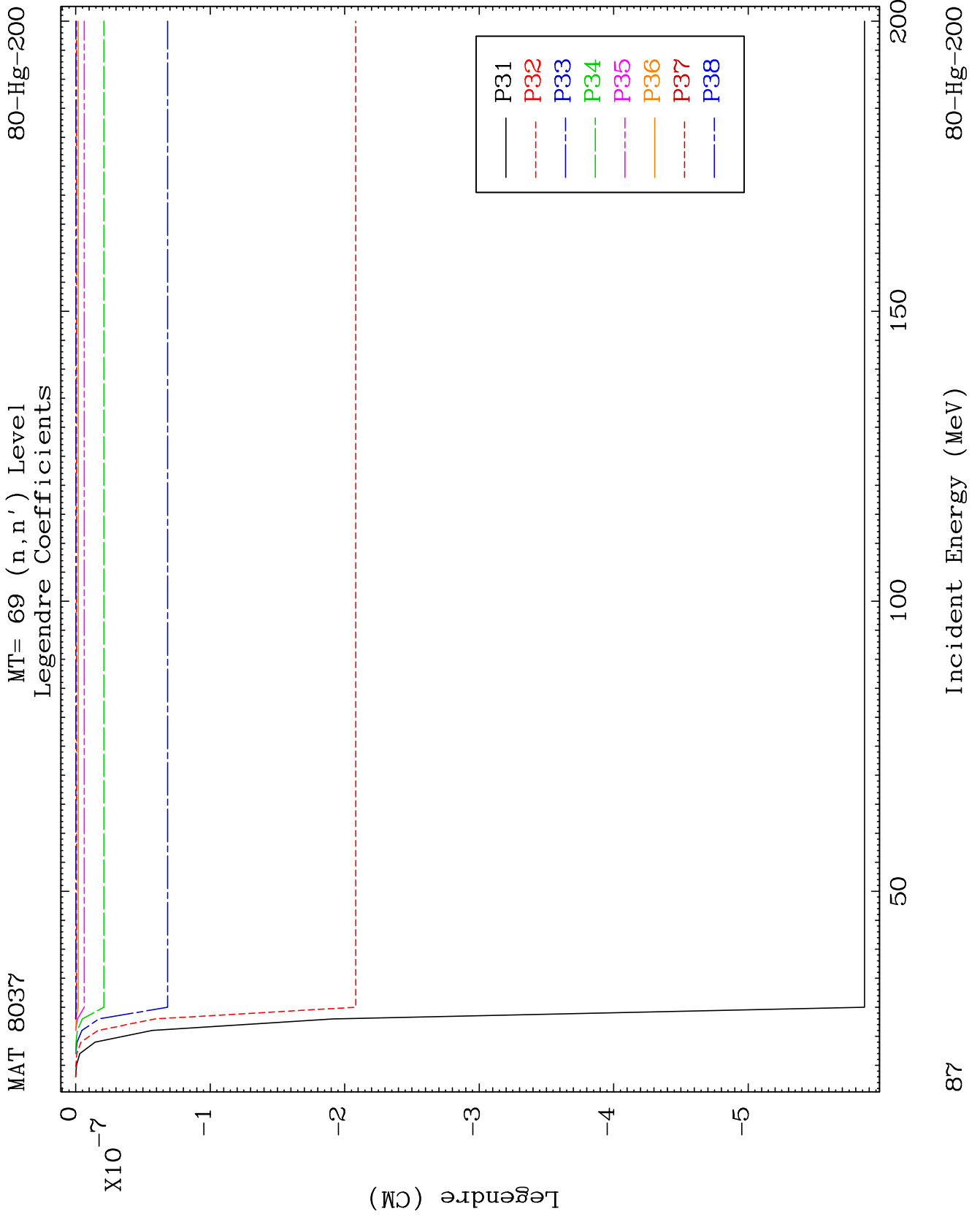
80-Hg-200



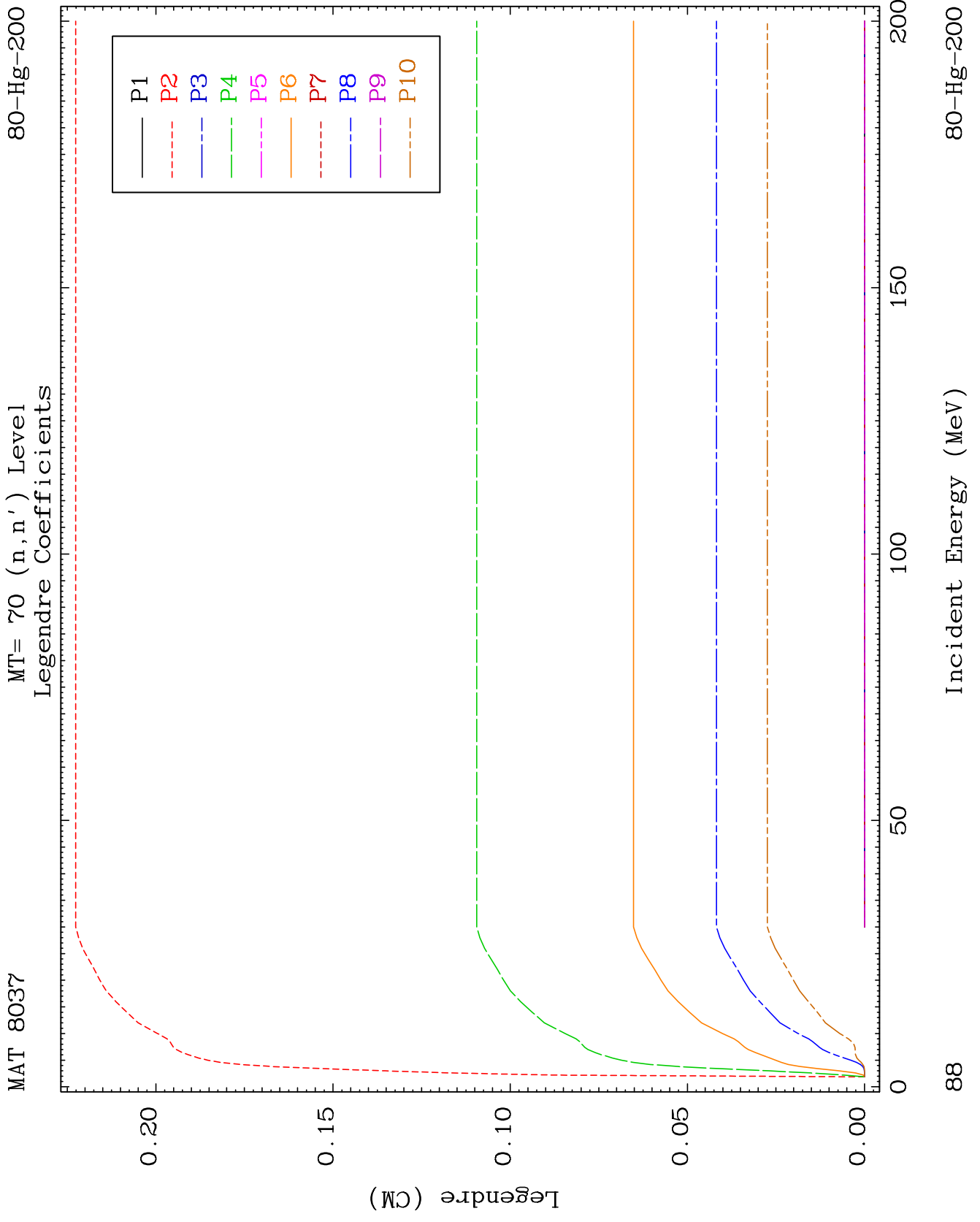
86

Incident Energy (MeV)

80-Hg-200



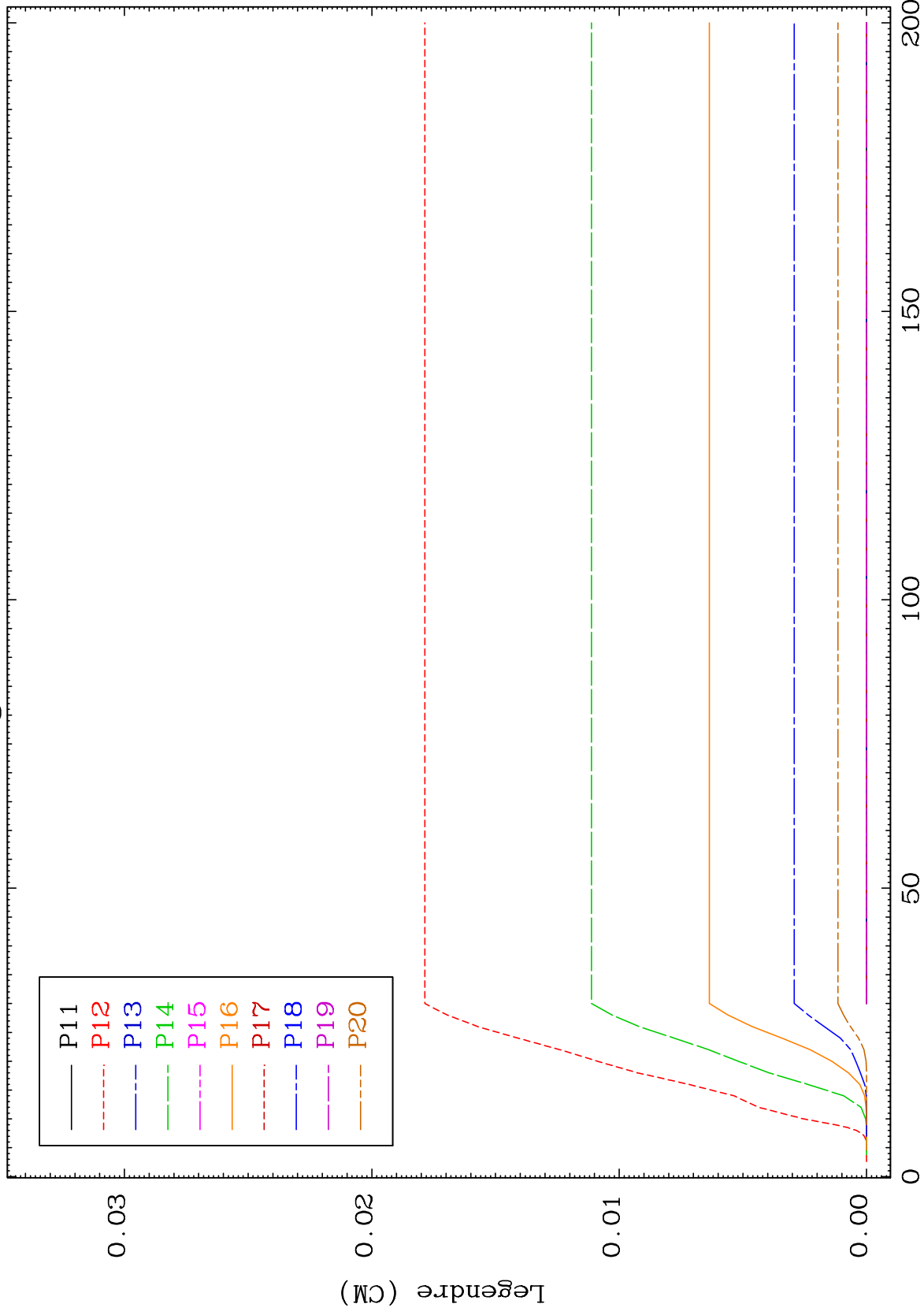




MAT 8037

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

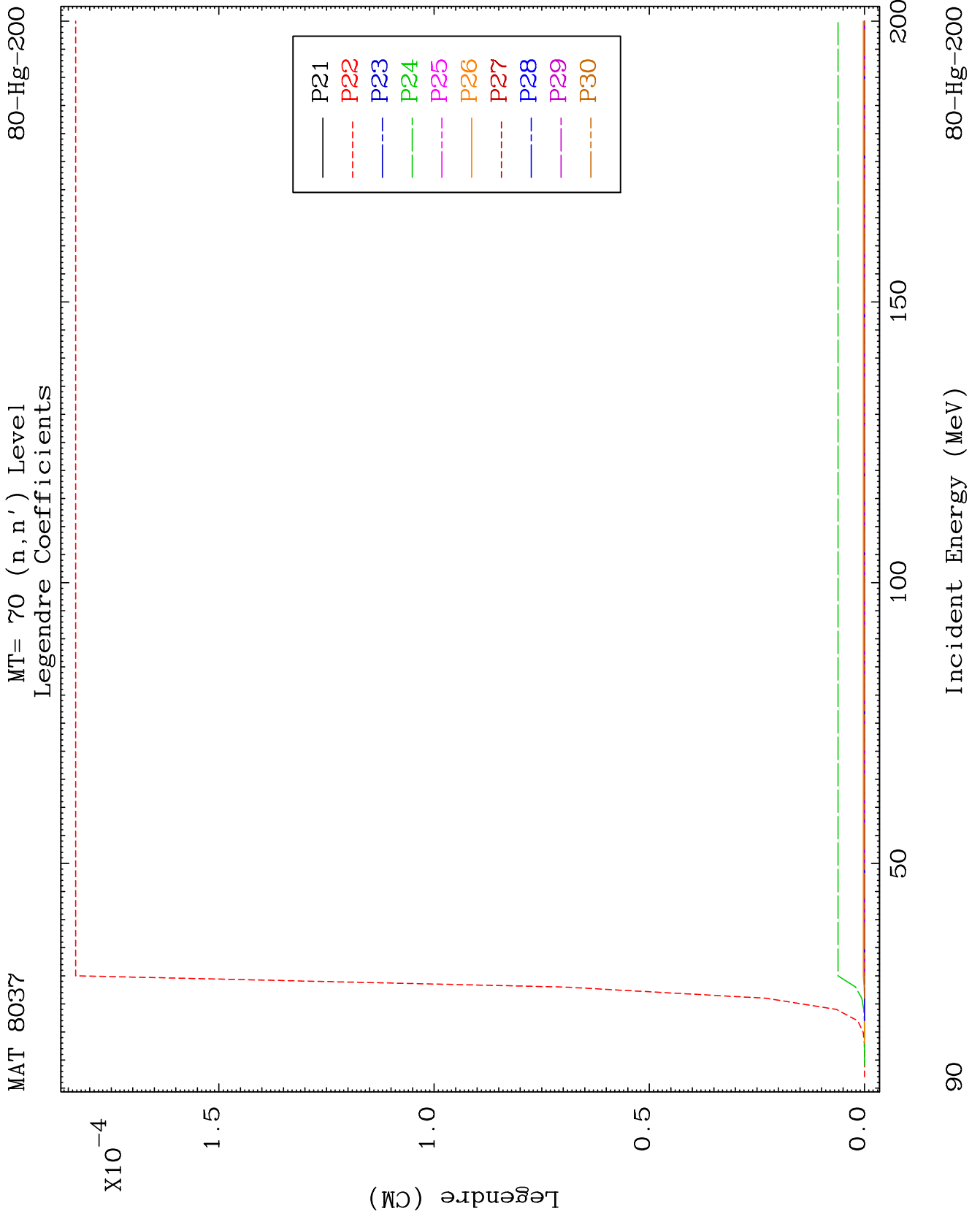
80-Hg-200



89

Incident Energy (MeV)

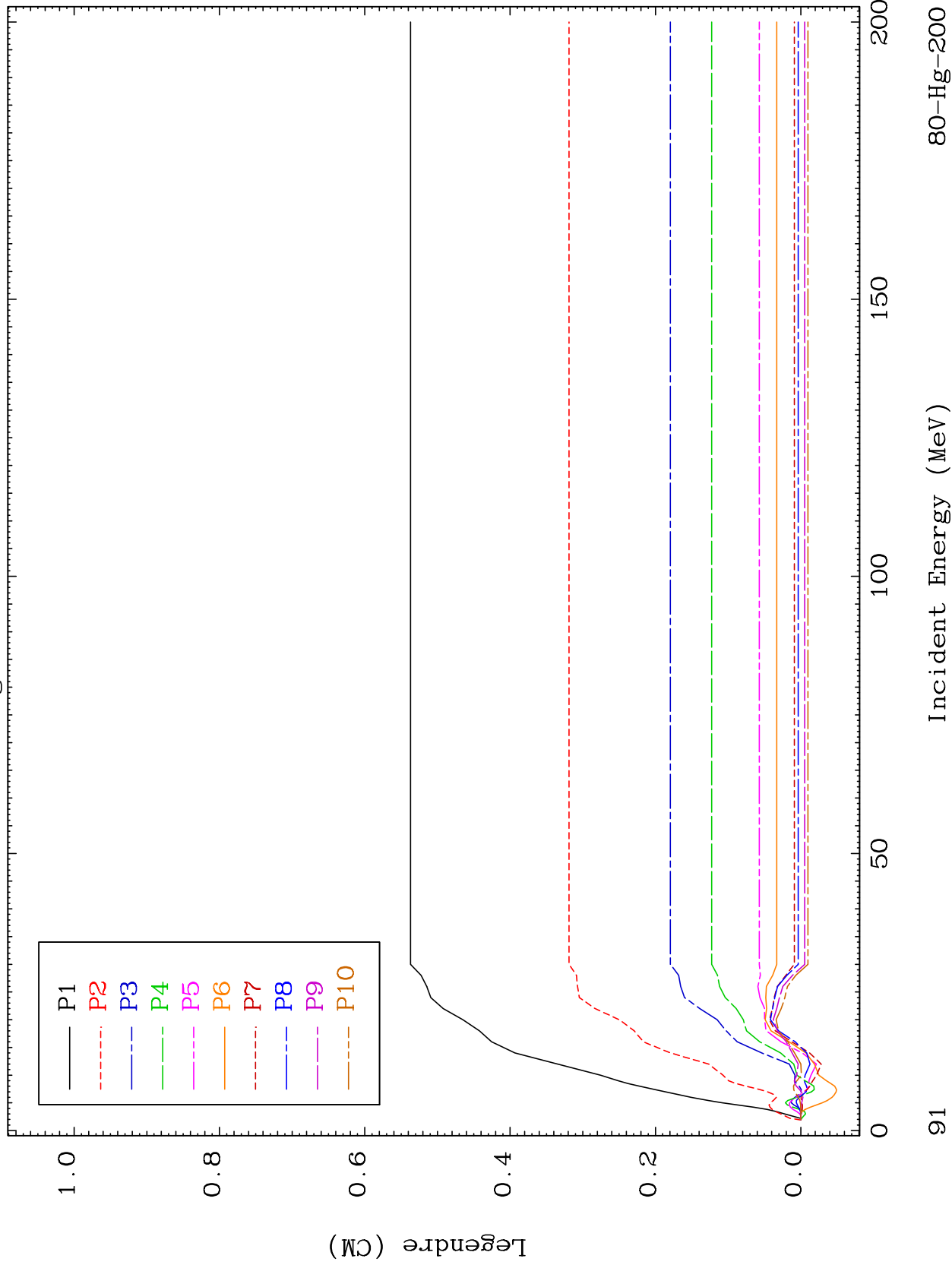
80-Hg-200



MAT 8037

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

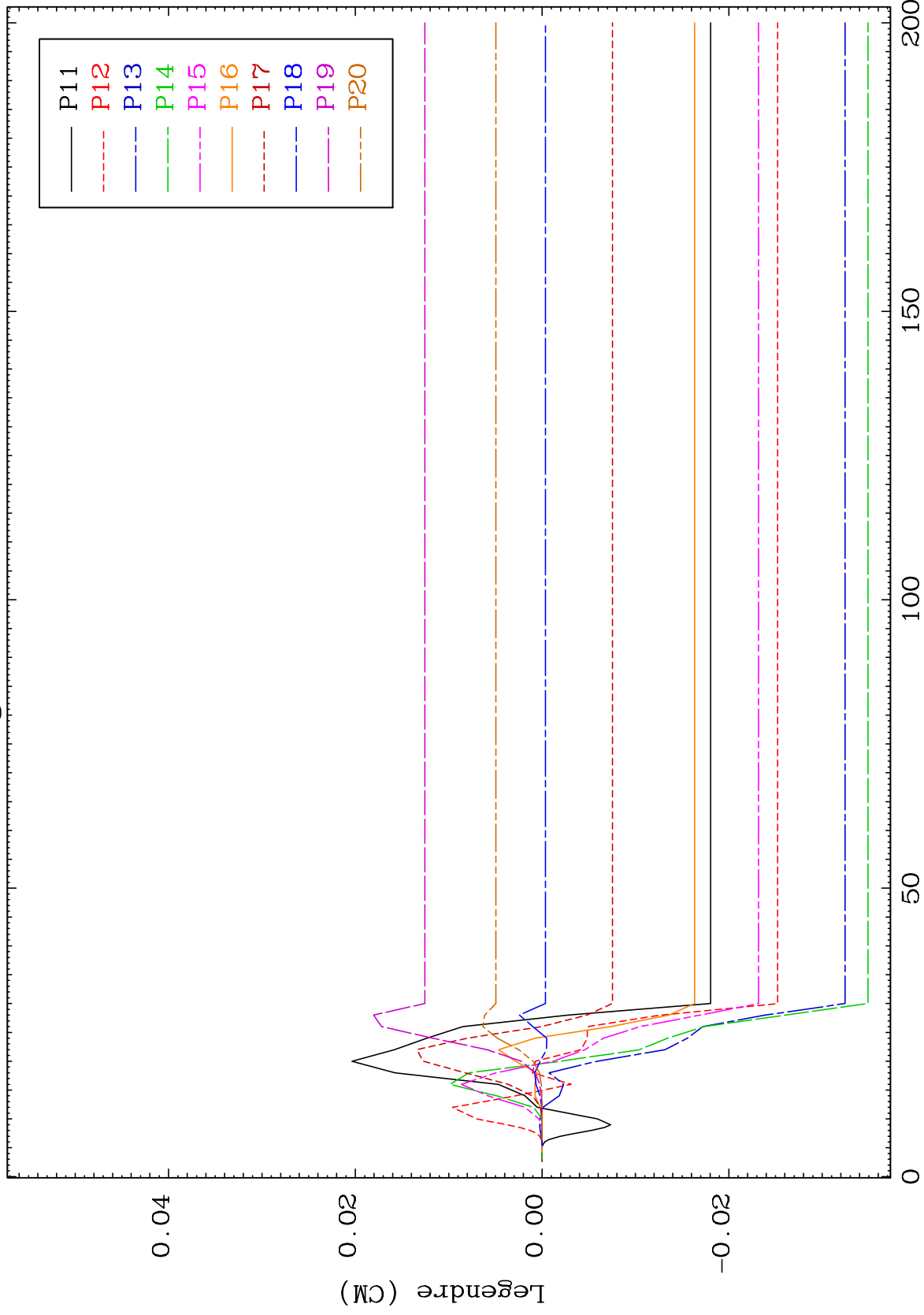
80-Hg-200



MAT 8037

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

80-Hg-200



92

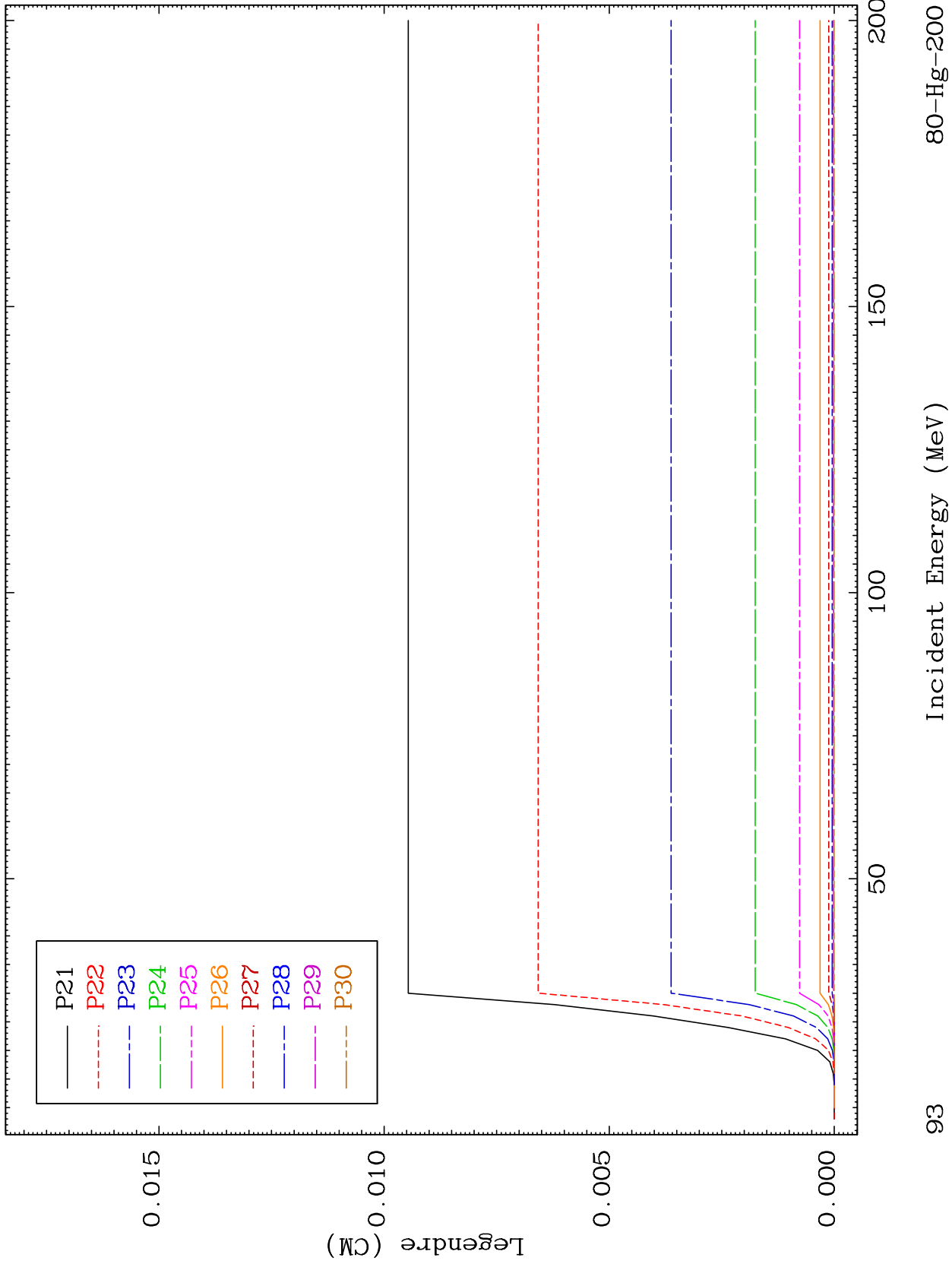
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

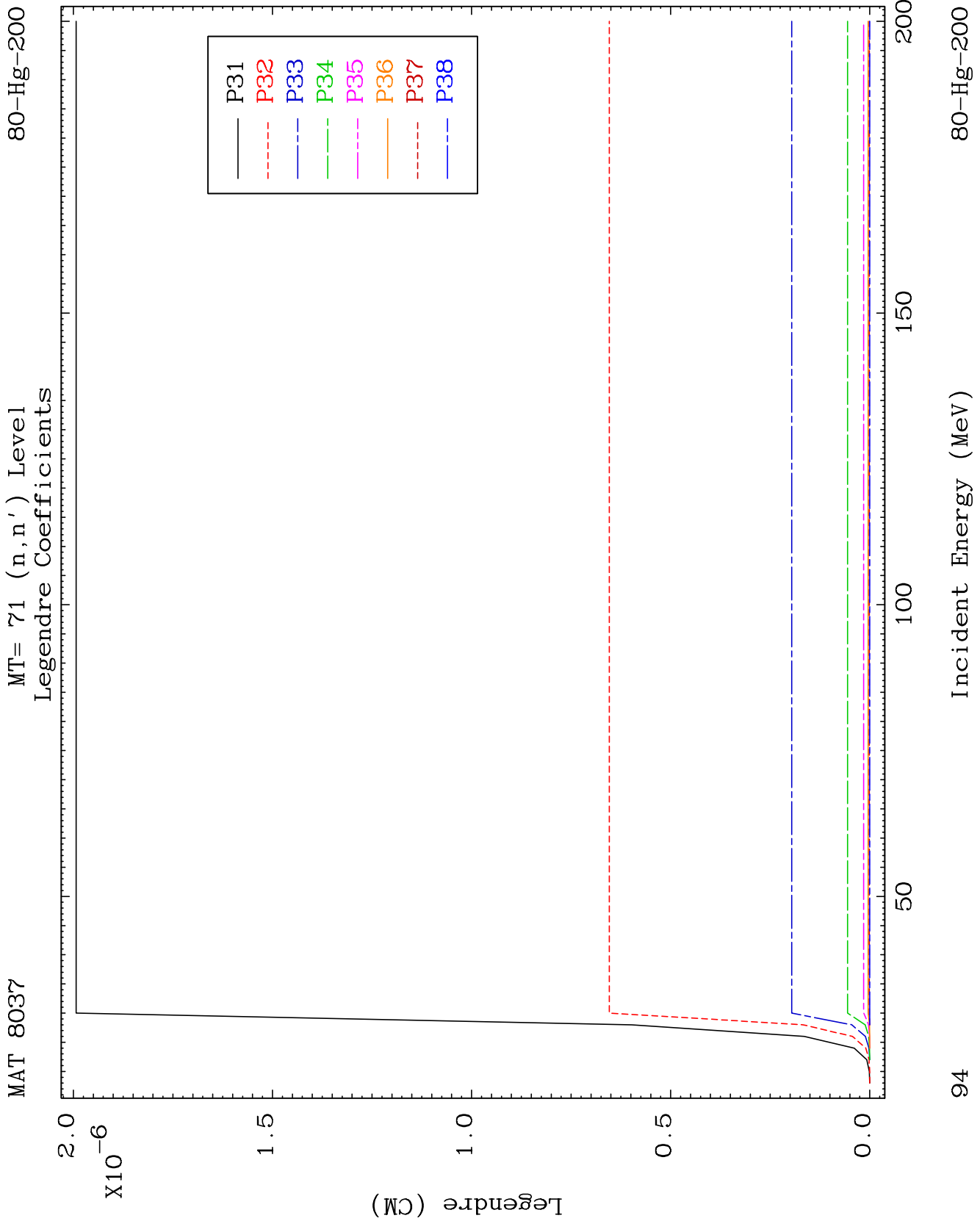
80-Hg-200



93

Incident Energy (MeV)

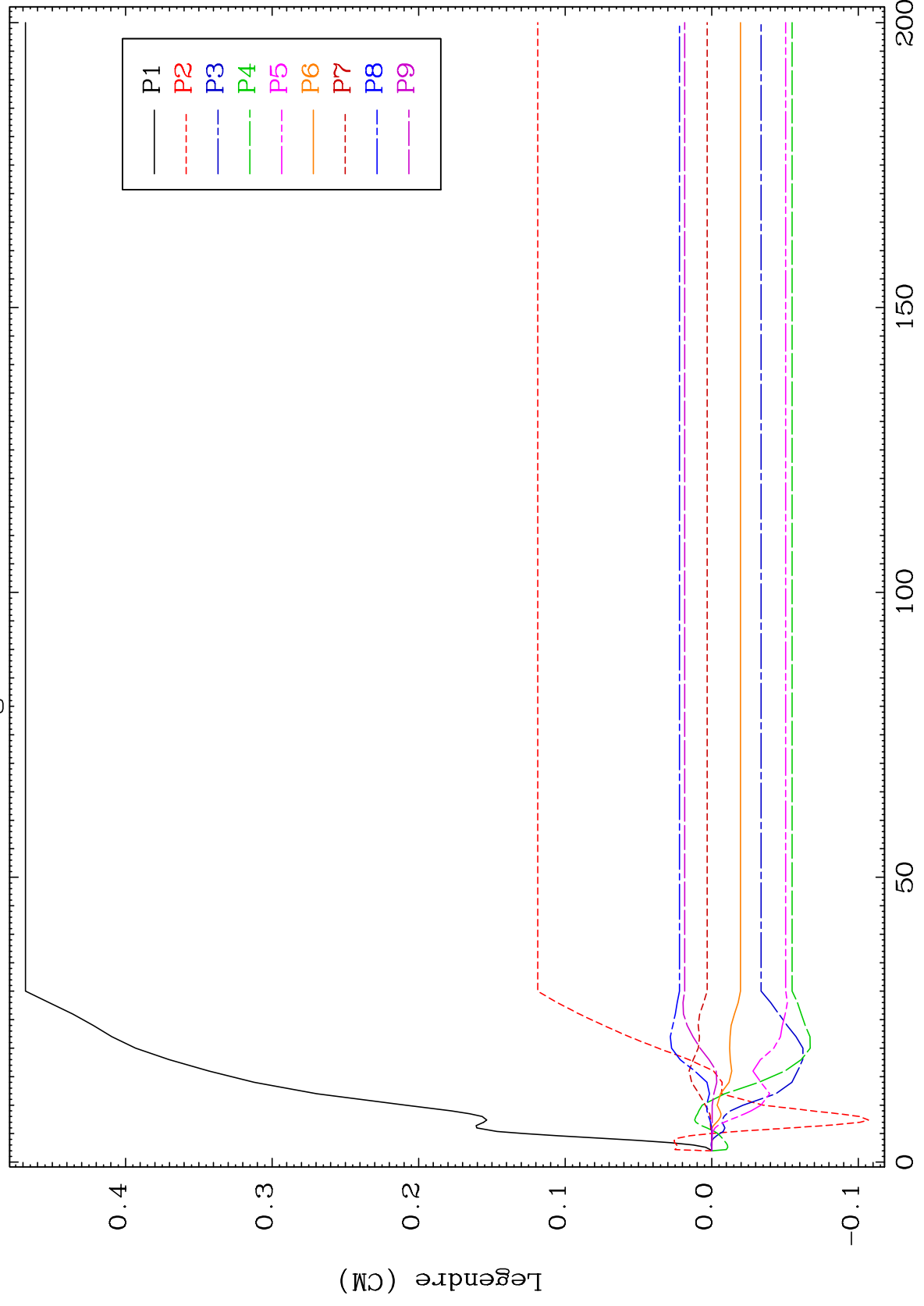
80-Hg-200



MAT 8037

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

80-Hg-200



80-Hg-200

Incident Energy (MeV)

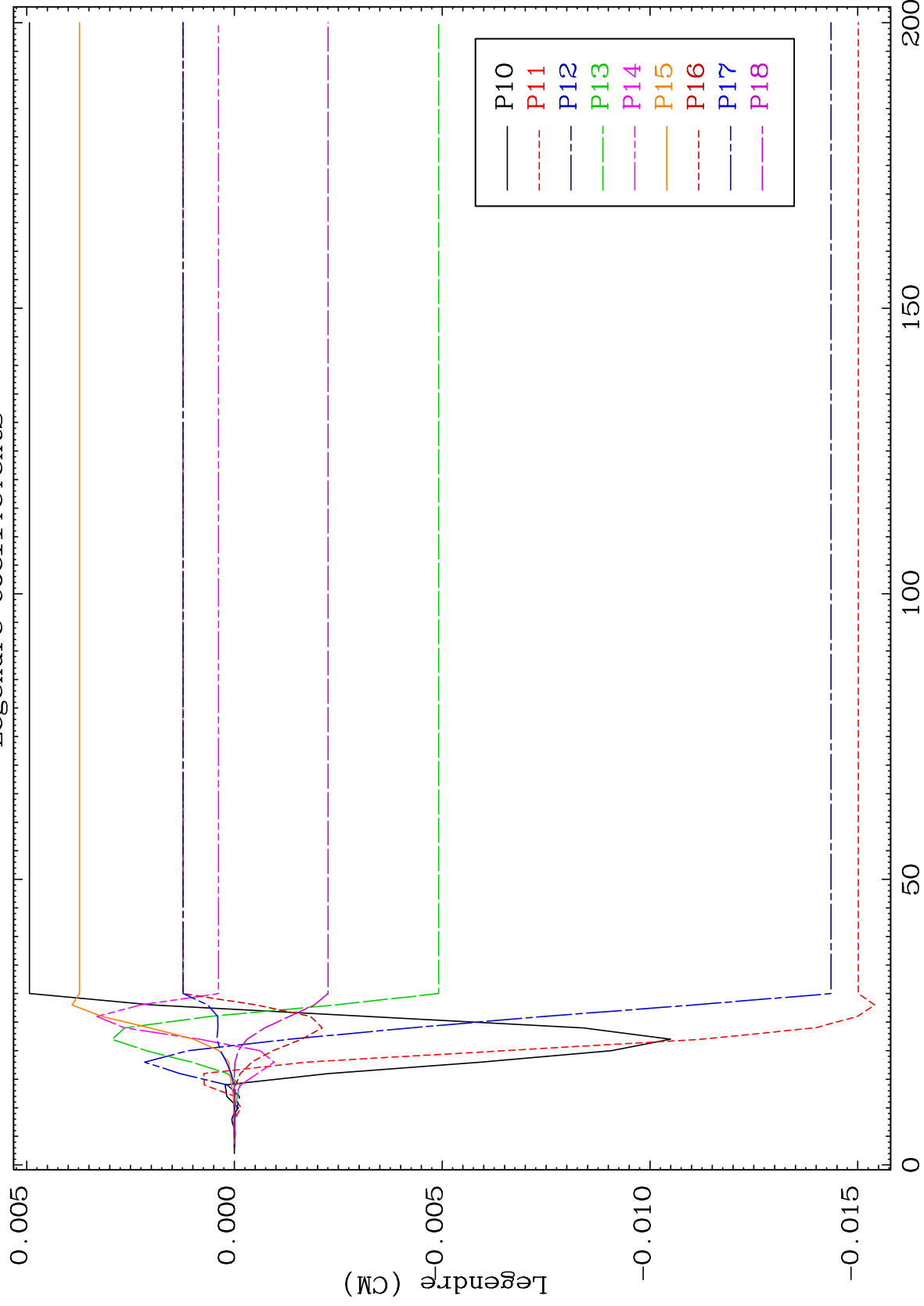
95



MAT 8037

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

80-Hg-200



96

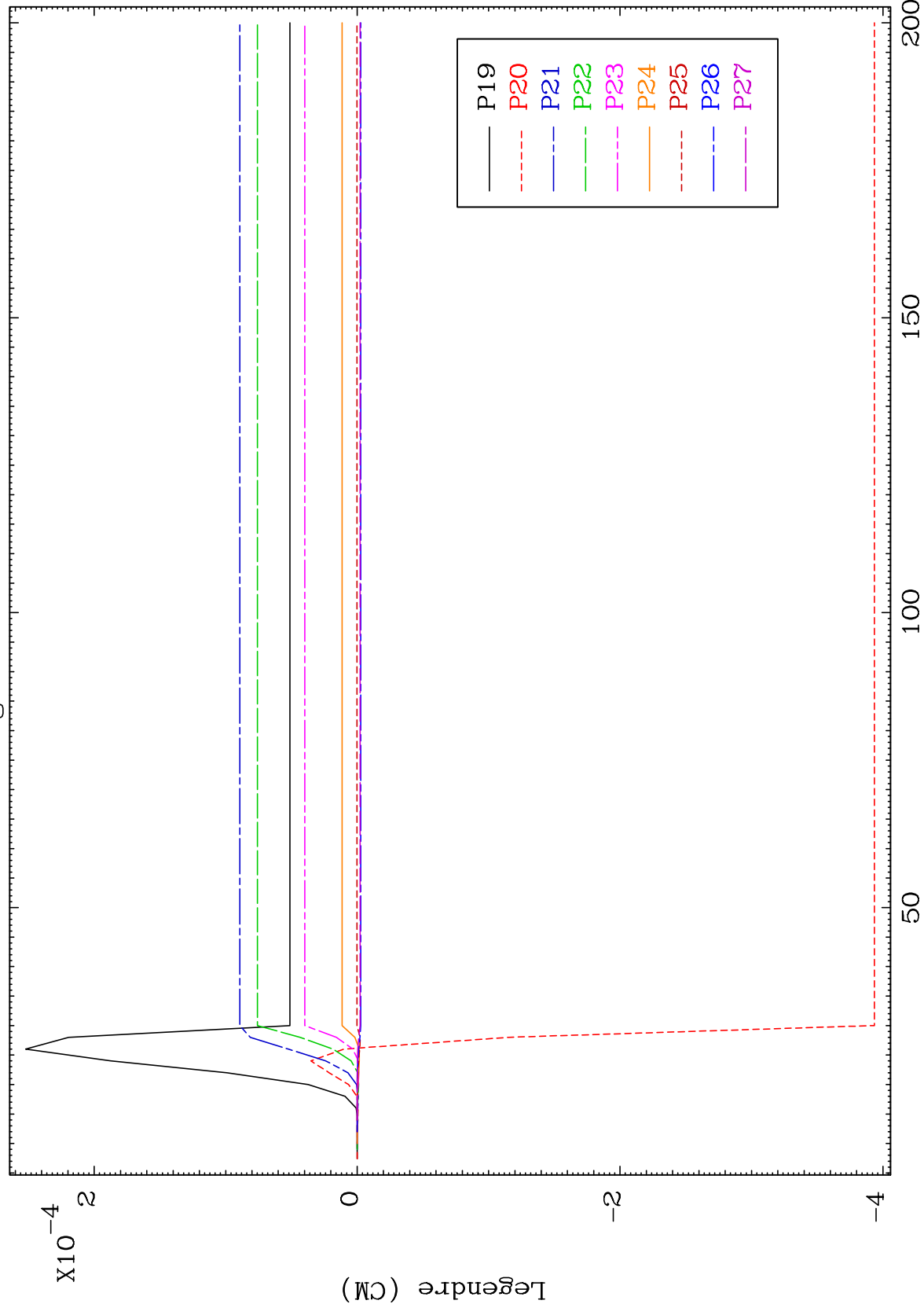
Incident Energy (MeV)

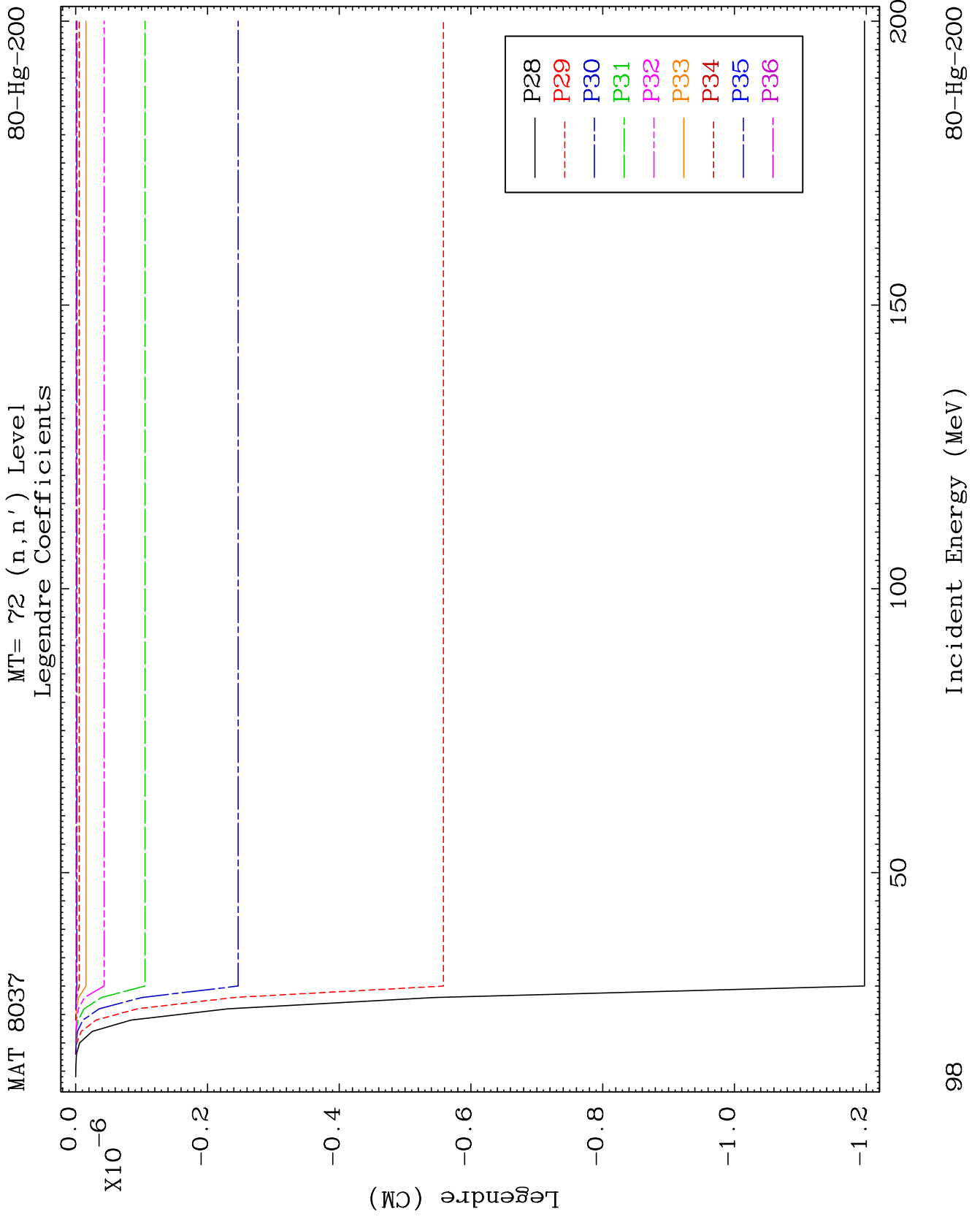
80-Hg-200

MAT 8037

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

80-Hg-200





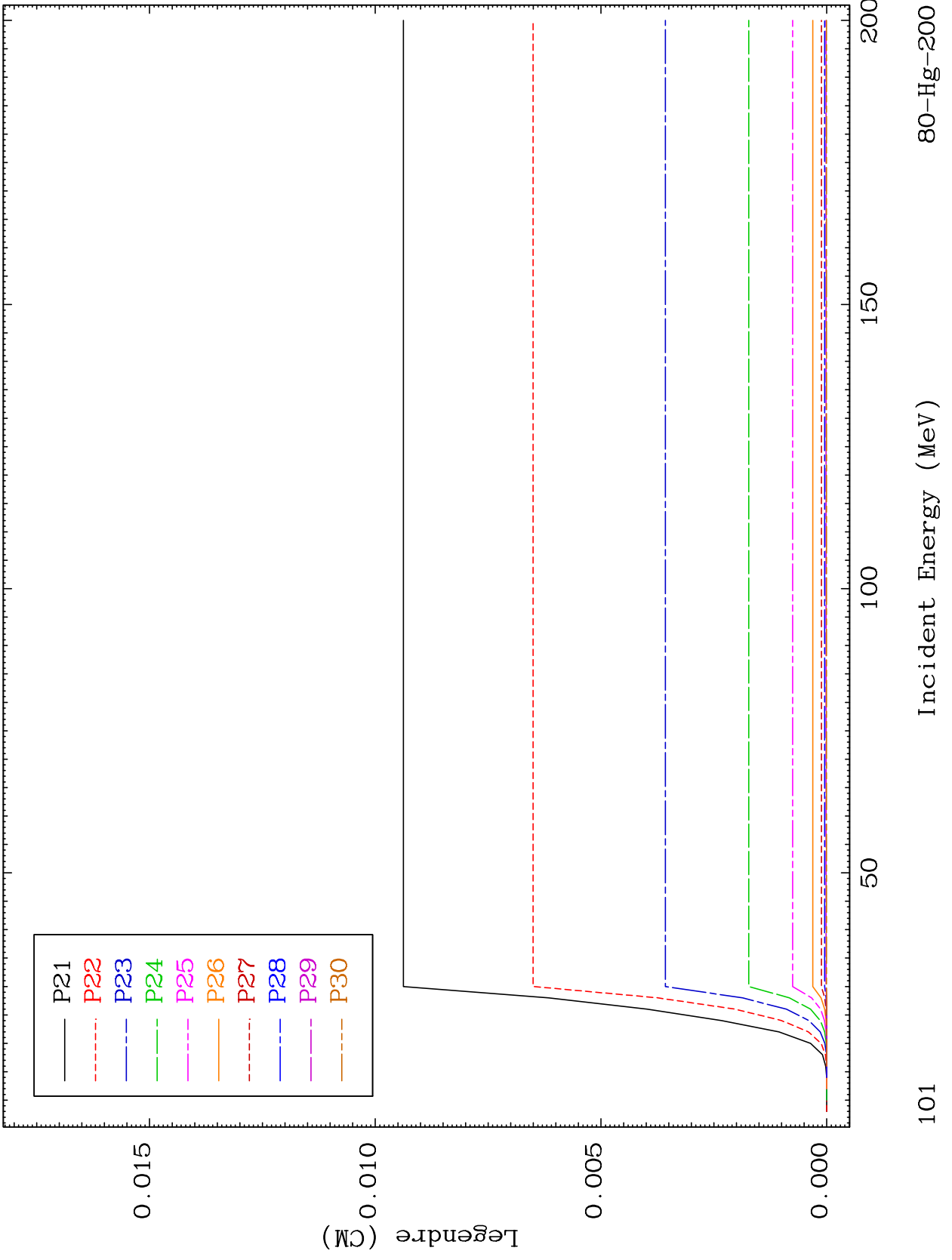




MAT 8037

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

80-Hg-200



101

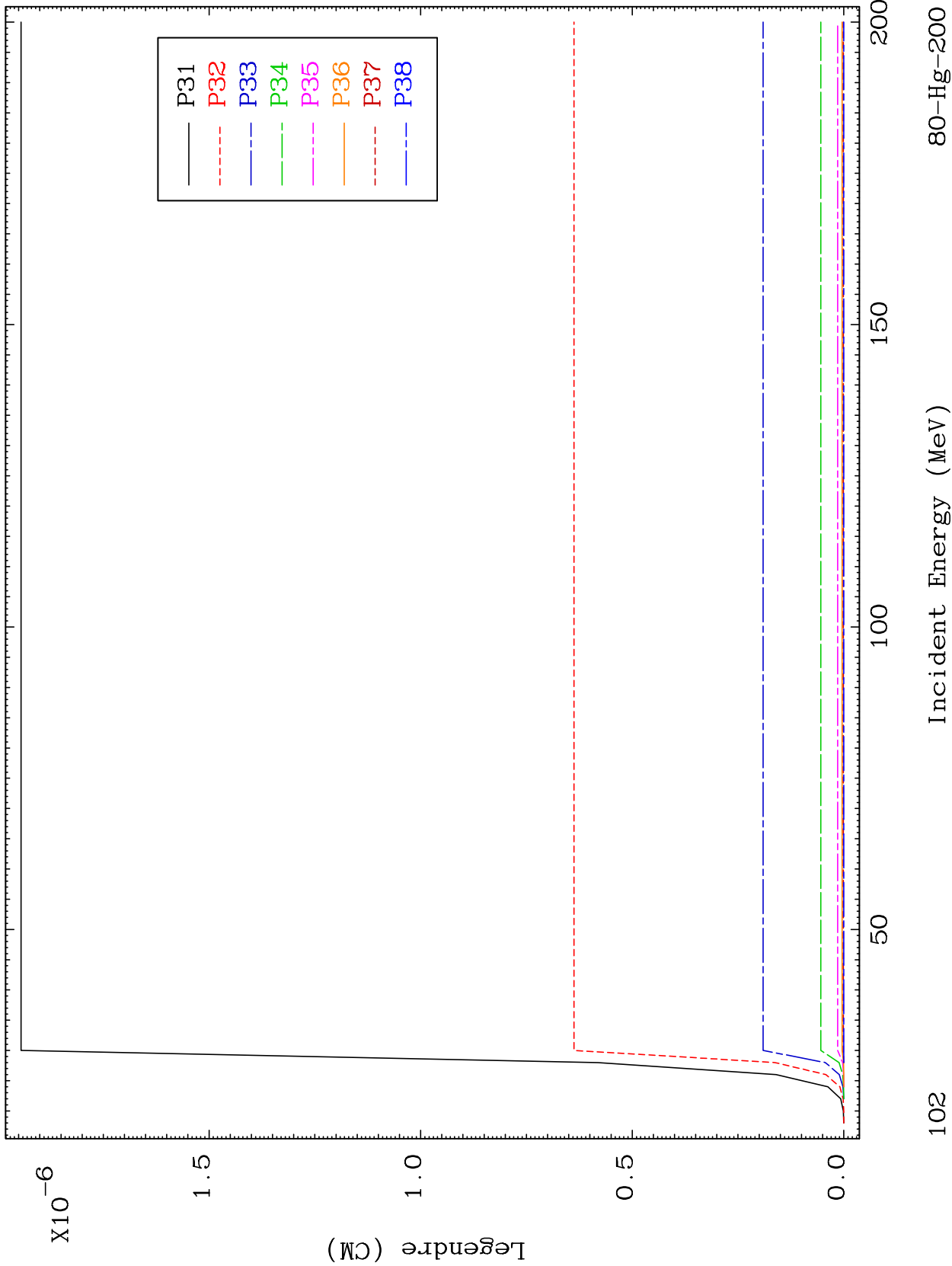
Incident Energy (MeV)

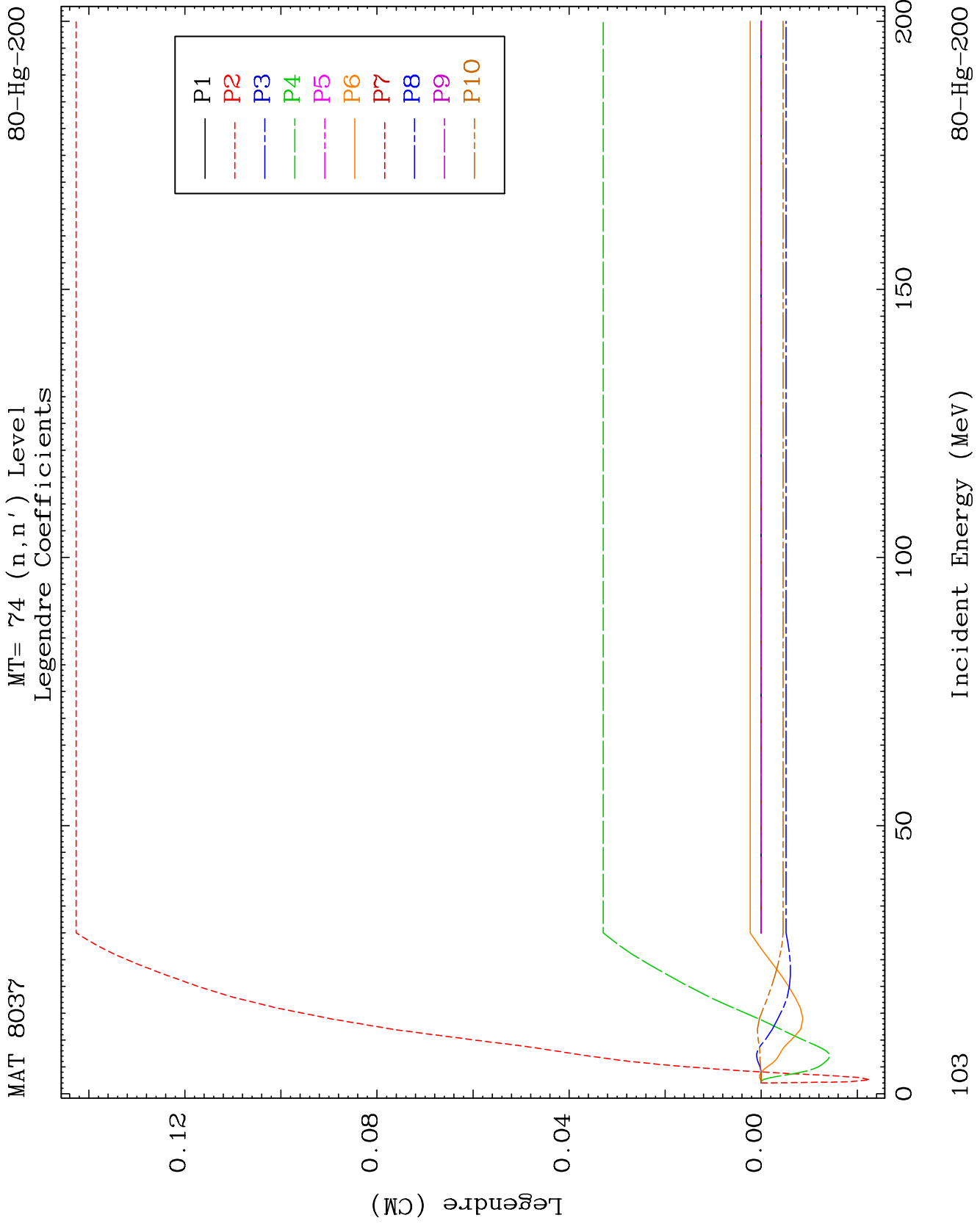
80-Hg-200

MAT 8037

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

80-Hg-200



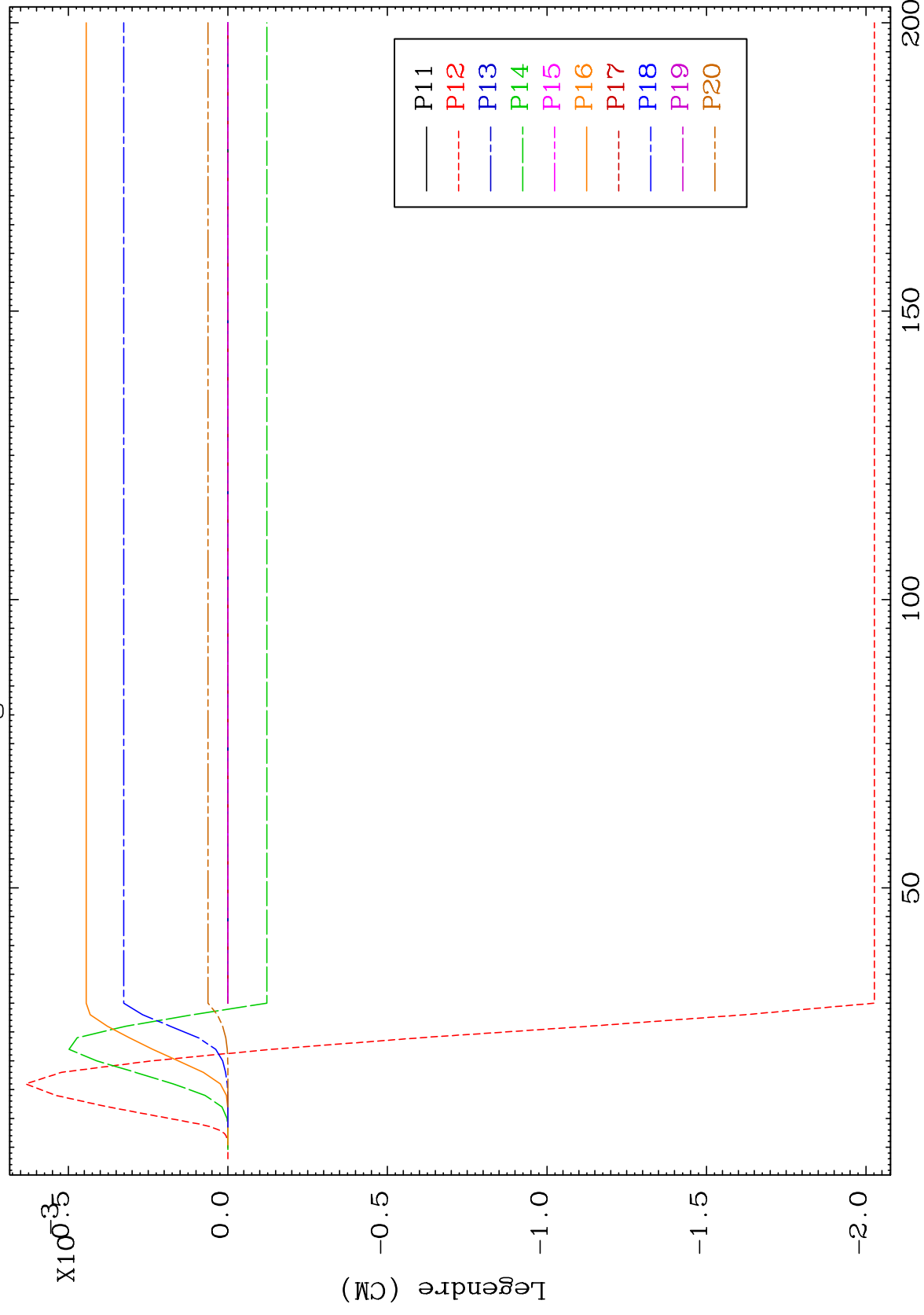




MAT 8037

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

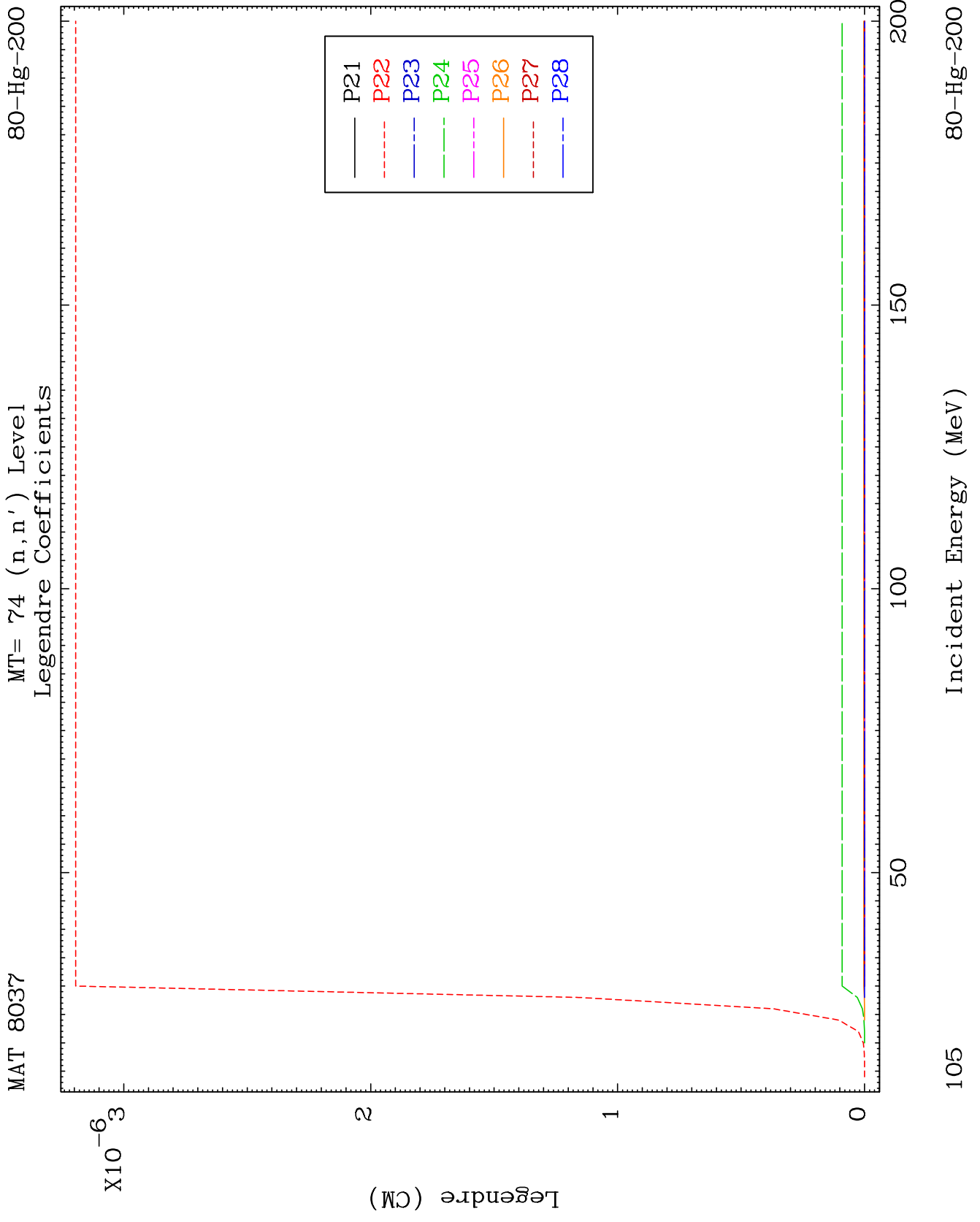
80-Hg-200



104

Incident Energy (MeV)

80-Hg-200

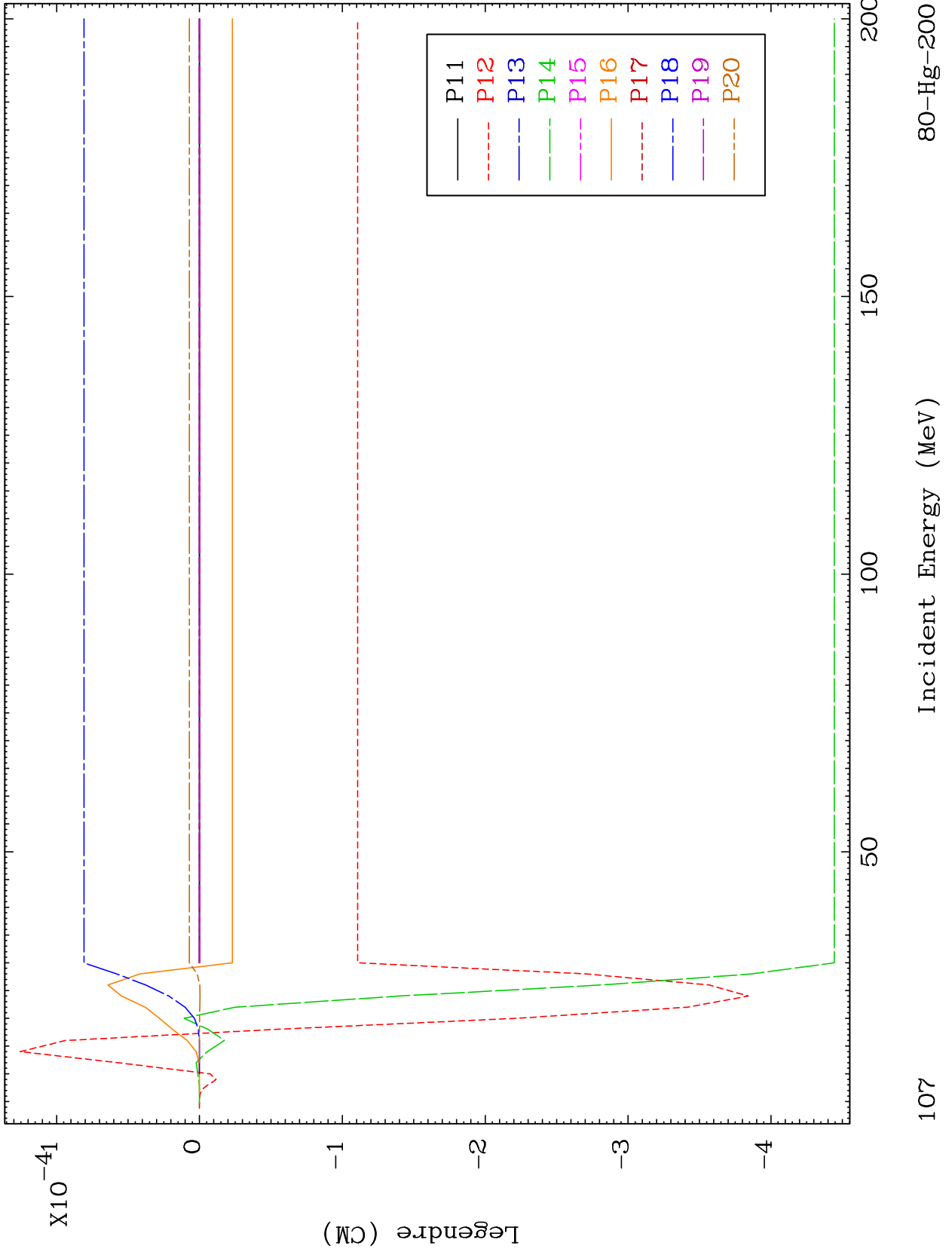




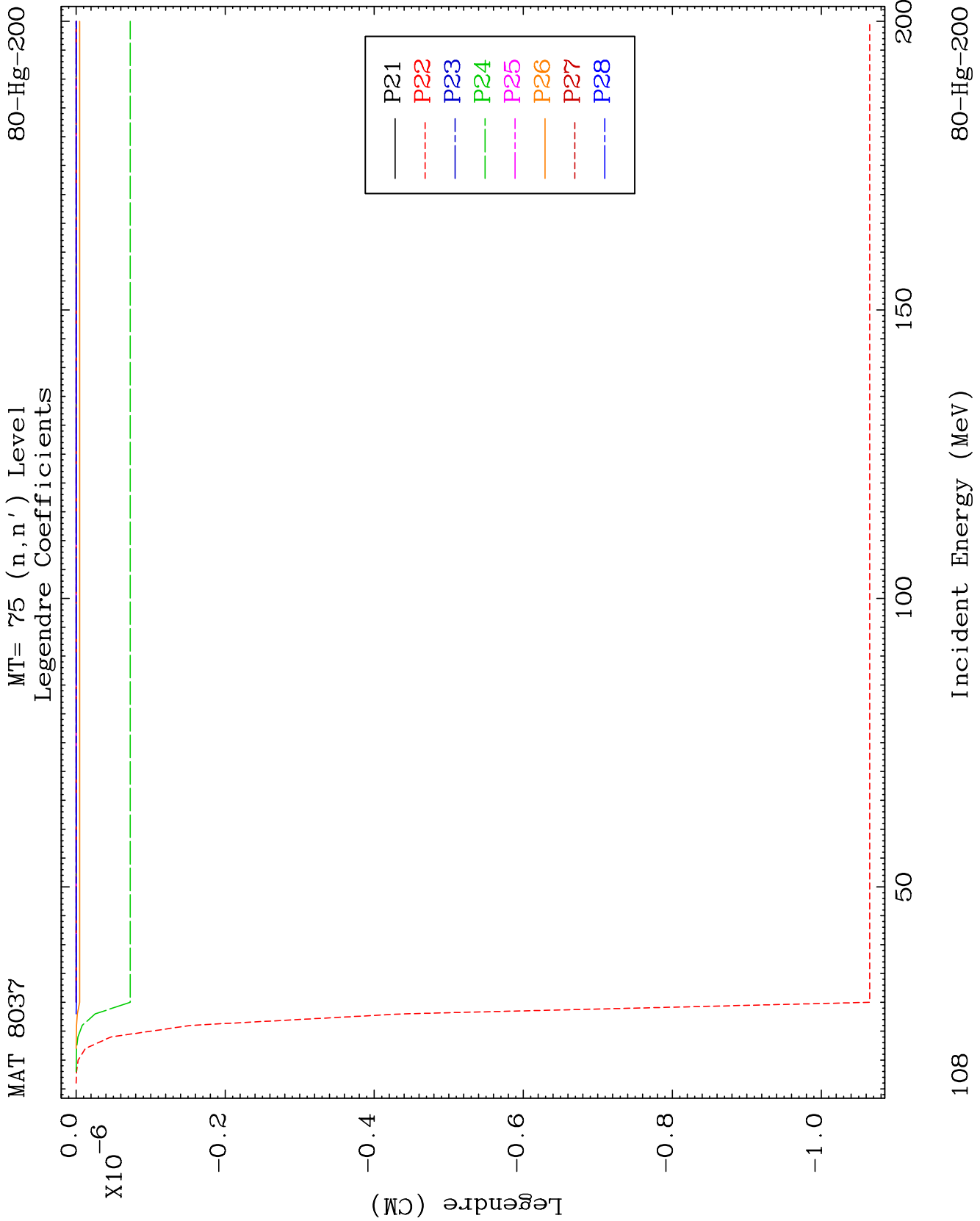
MAT 8037

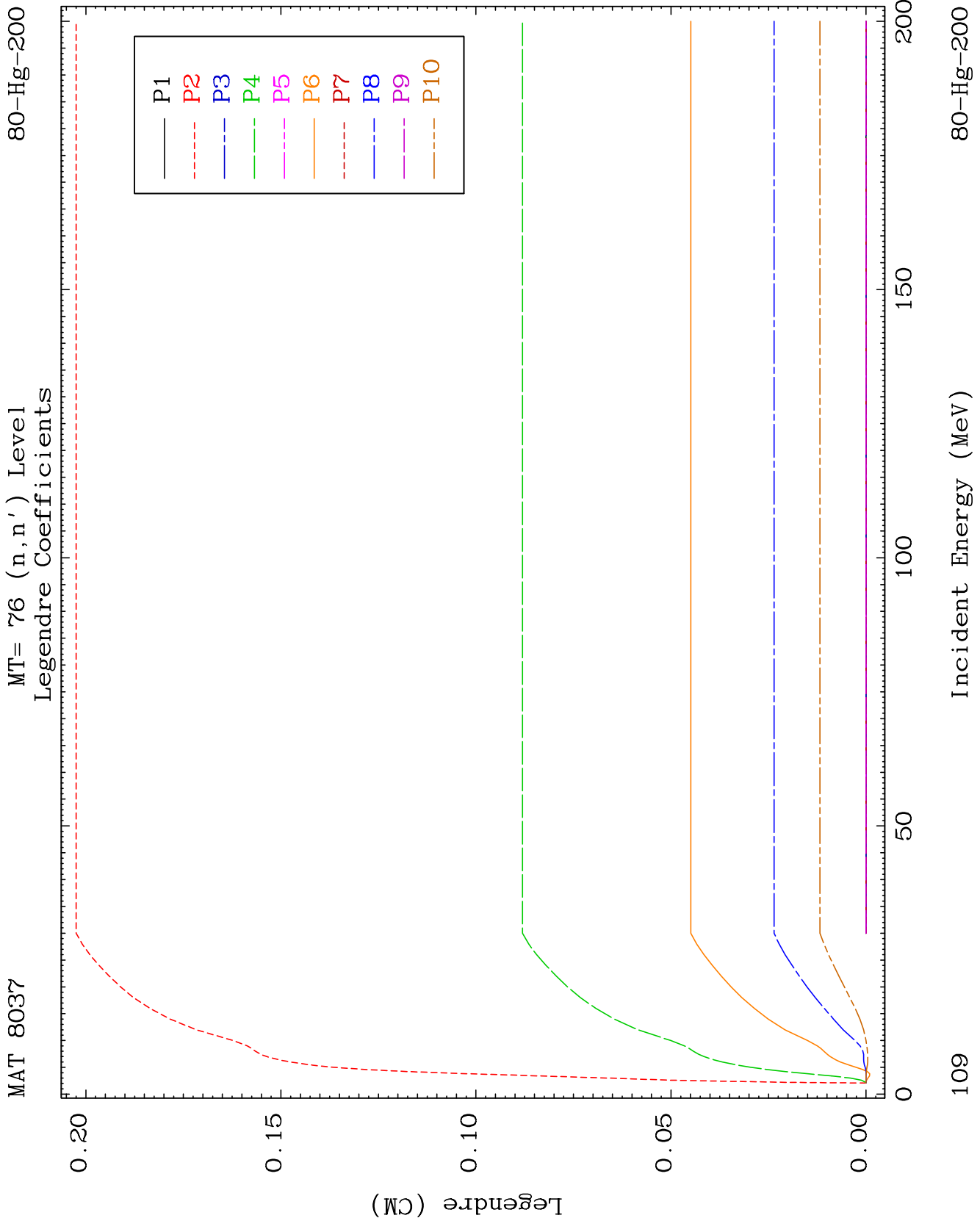
MT= 75 (n,n') Level  
Legendre Coefficients

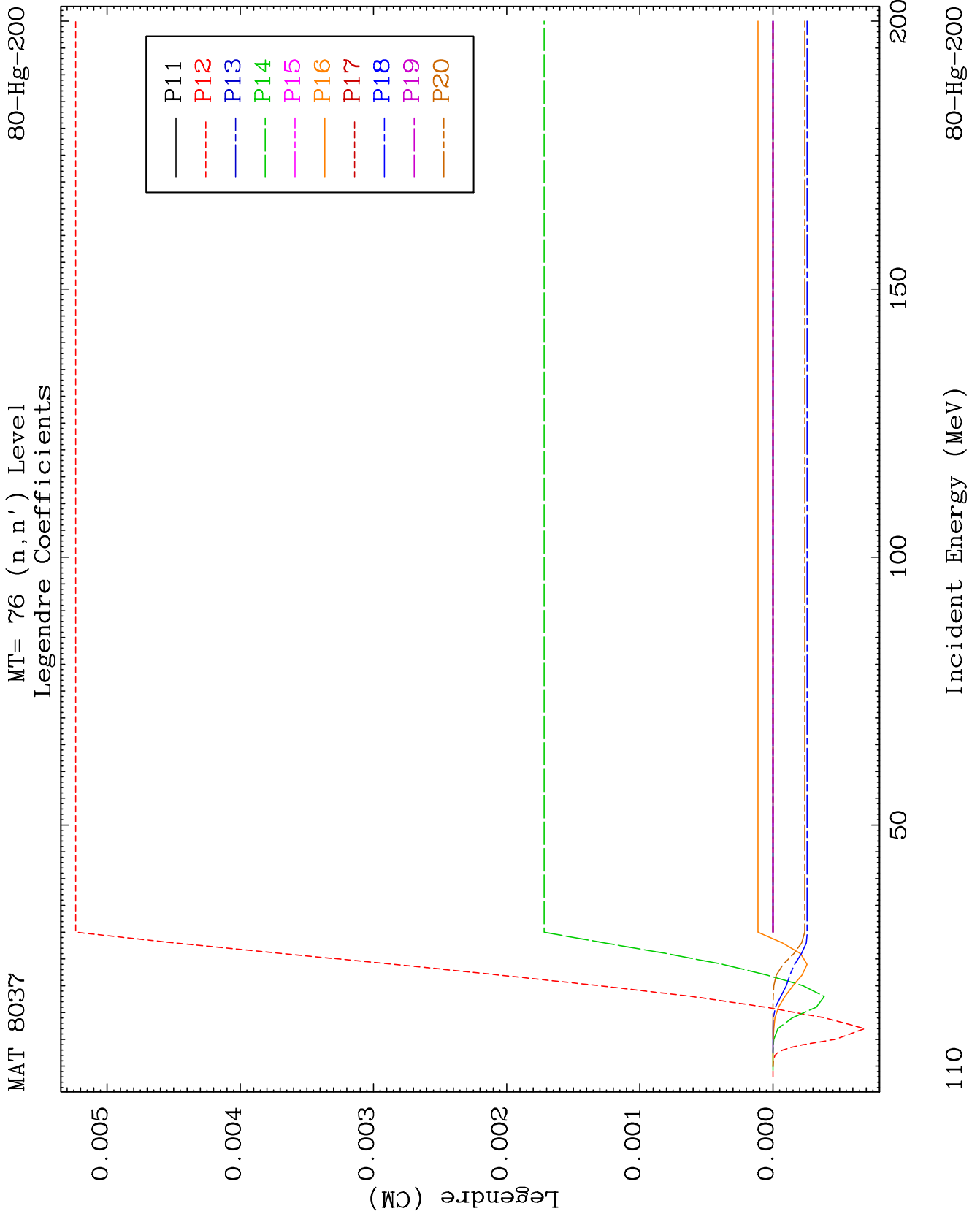
80-Hg-200

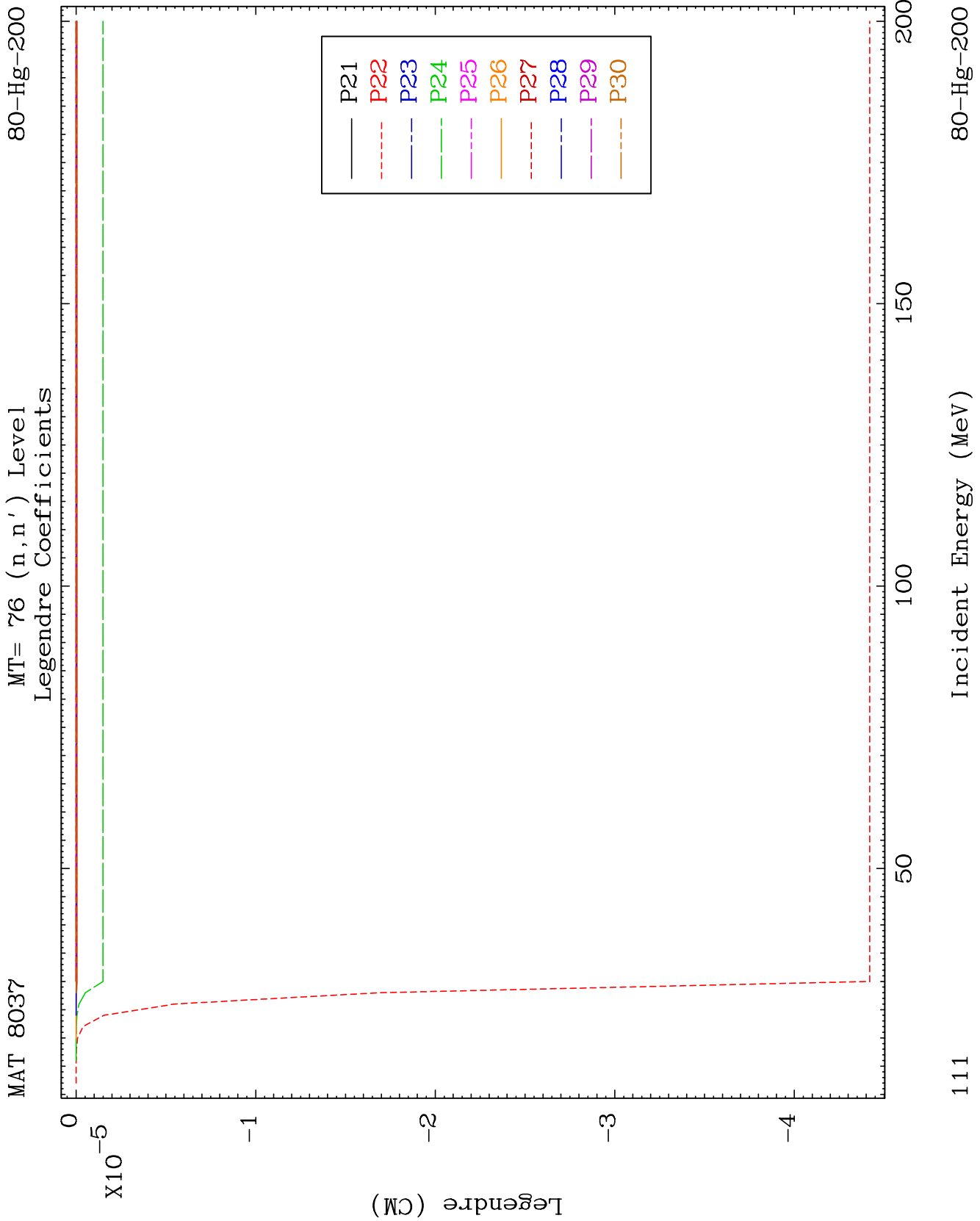


107







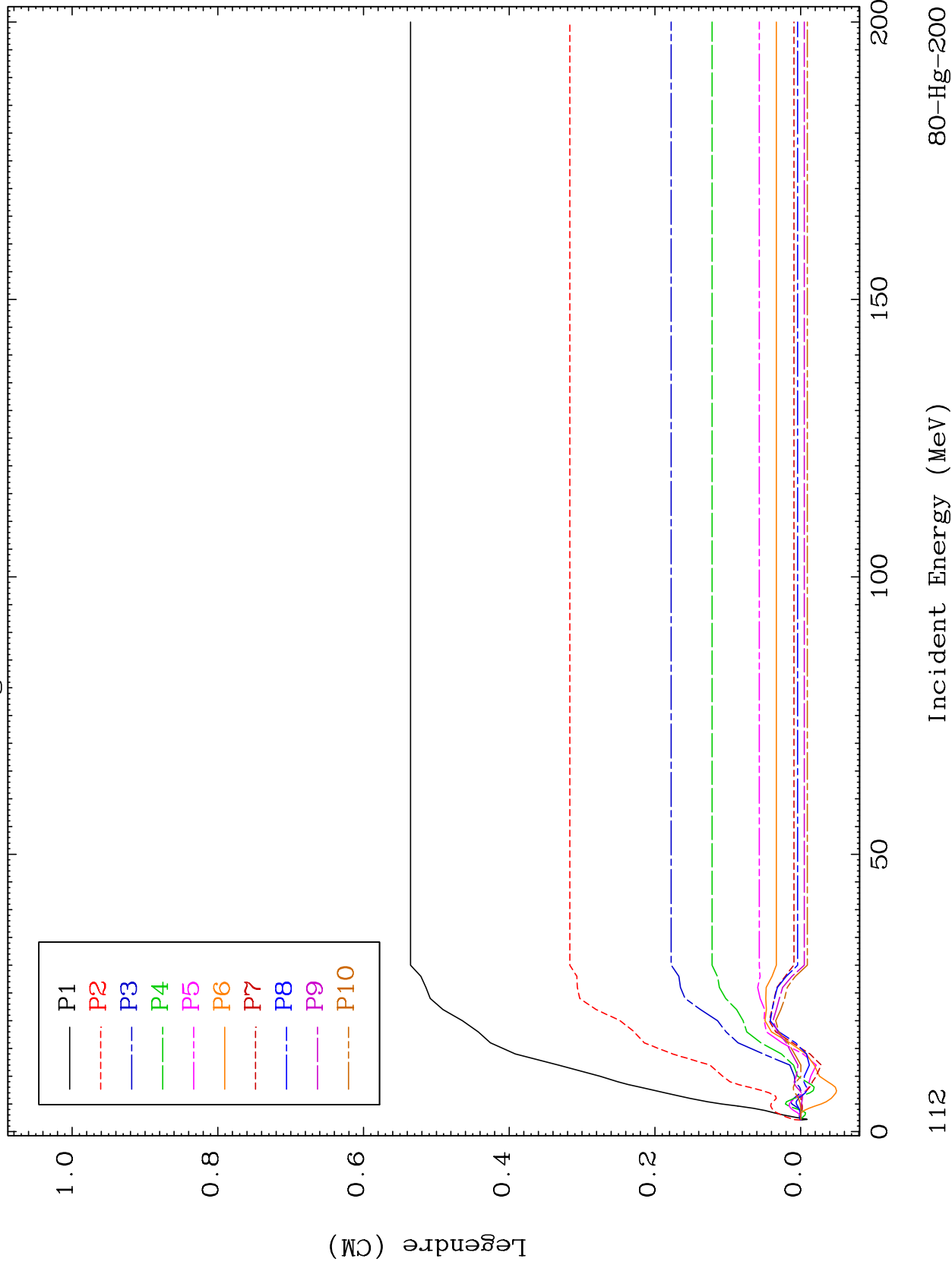




MAT 8037

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

80-Hg-200

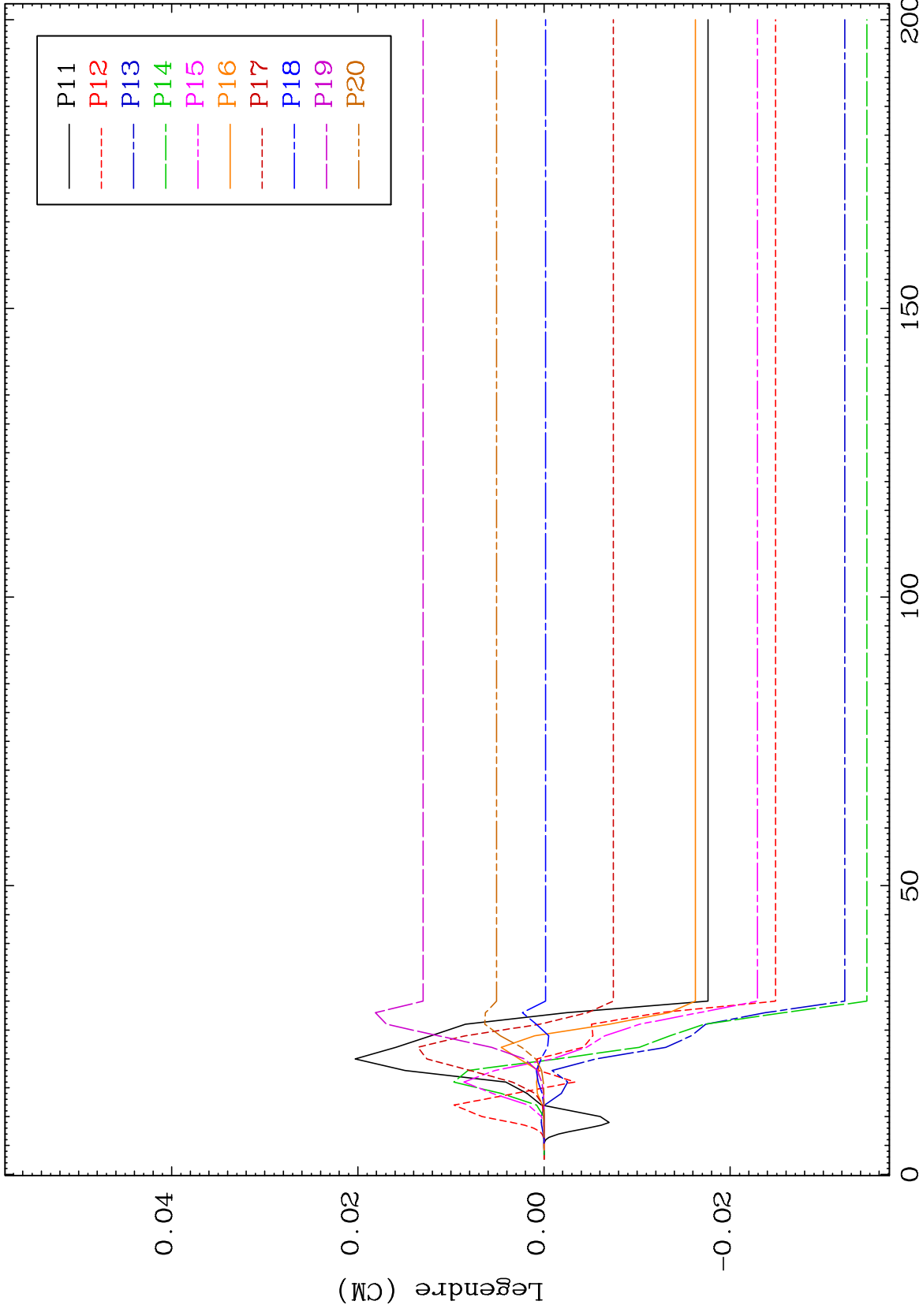


112

MAT 8037

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

80-Hg-200



113

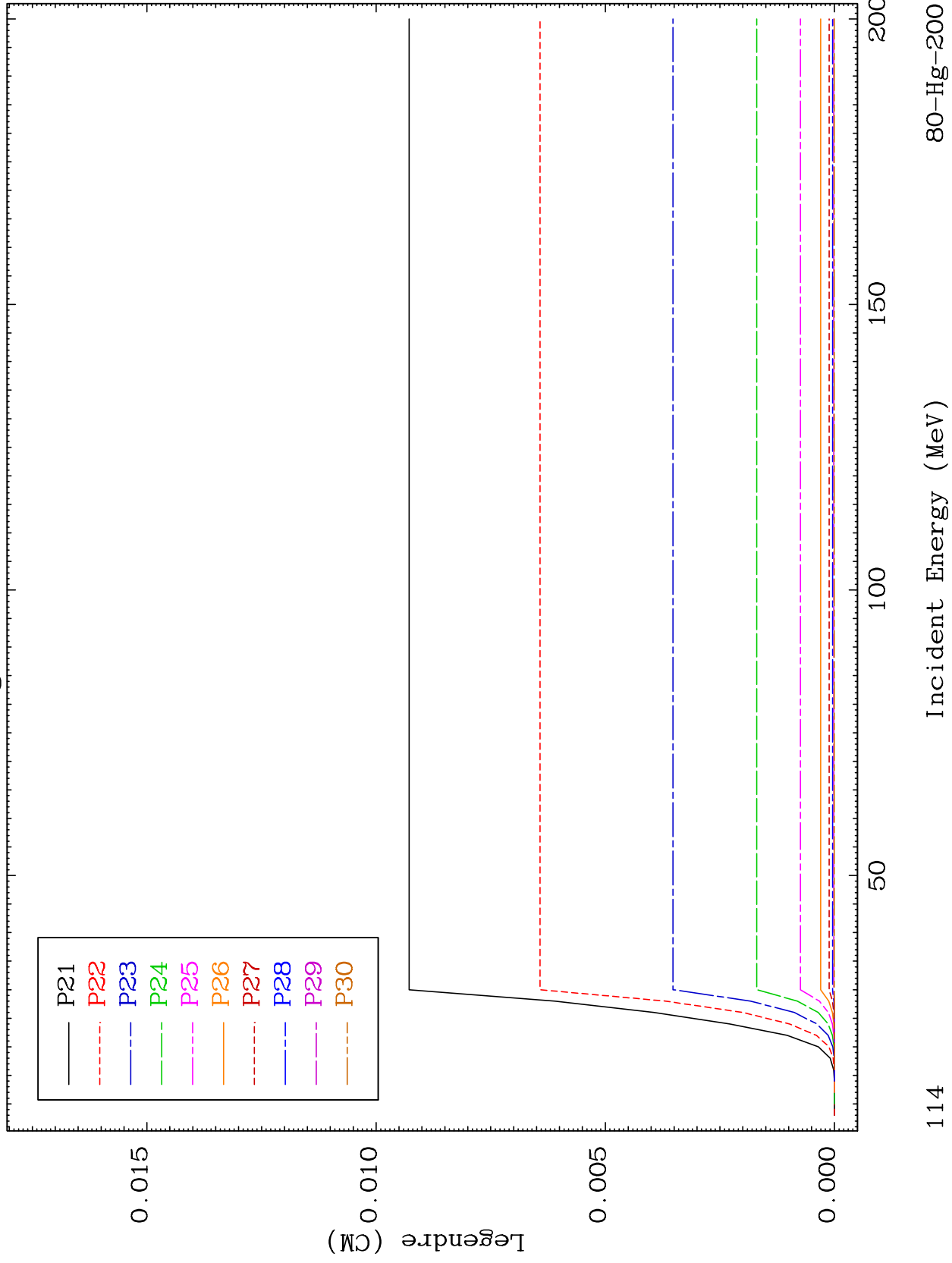
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



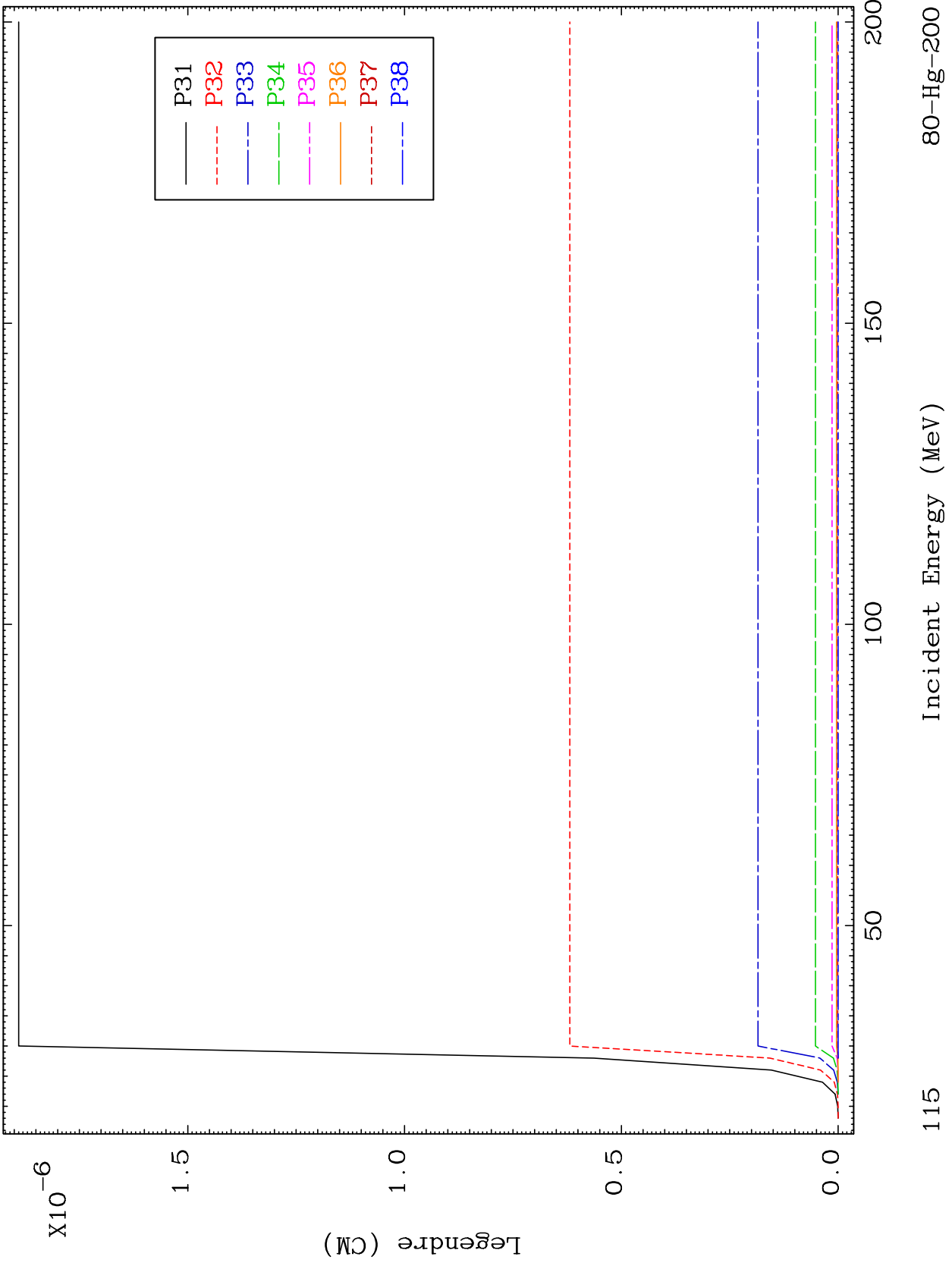
114

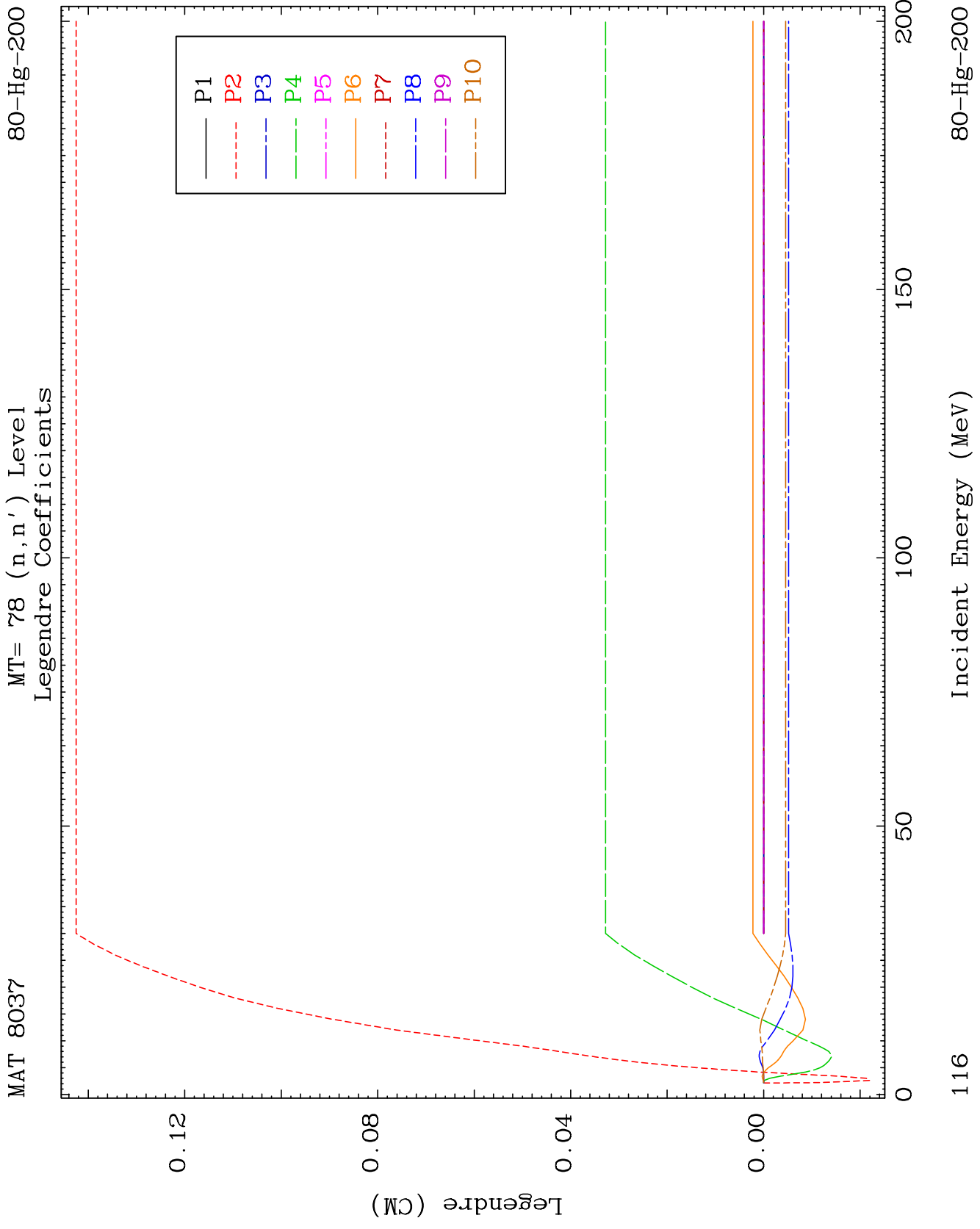
80-Hg-200

MAT 8037

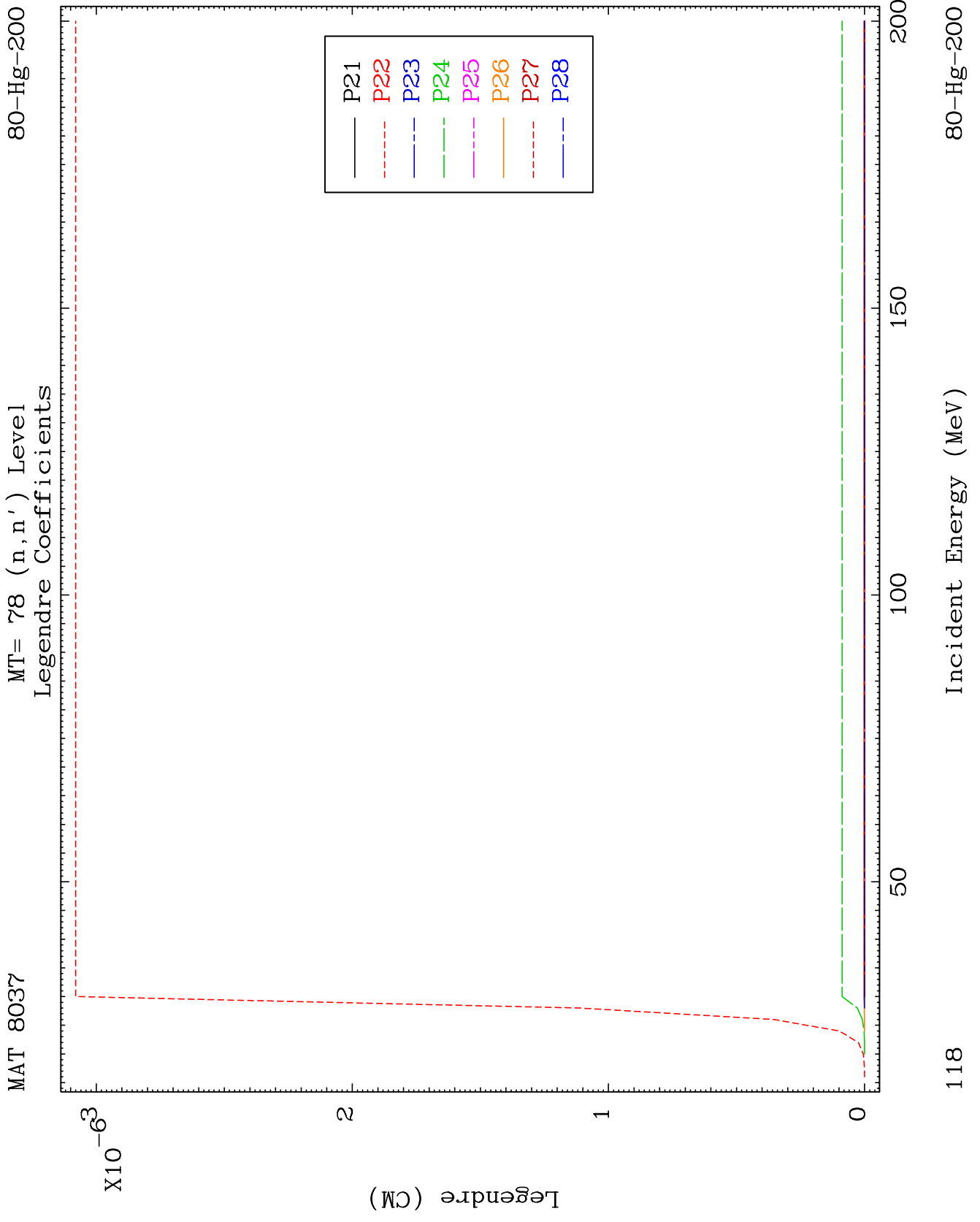
MT= 77 (n,n') Level  
Legendre Coefficients

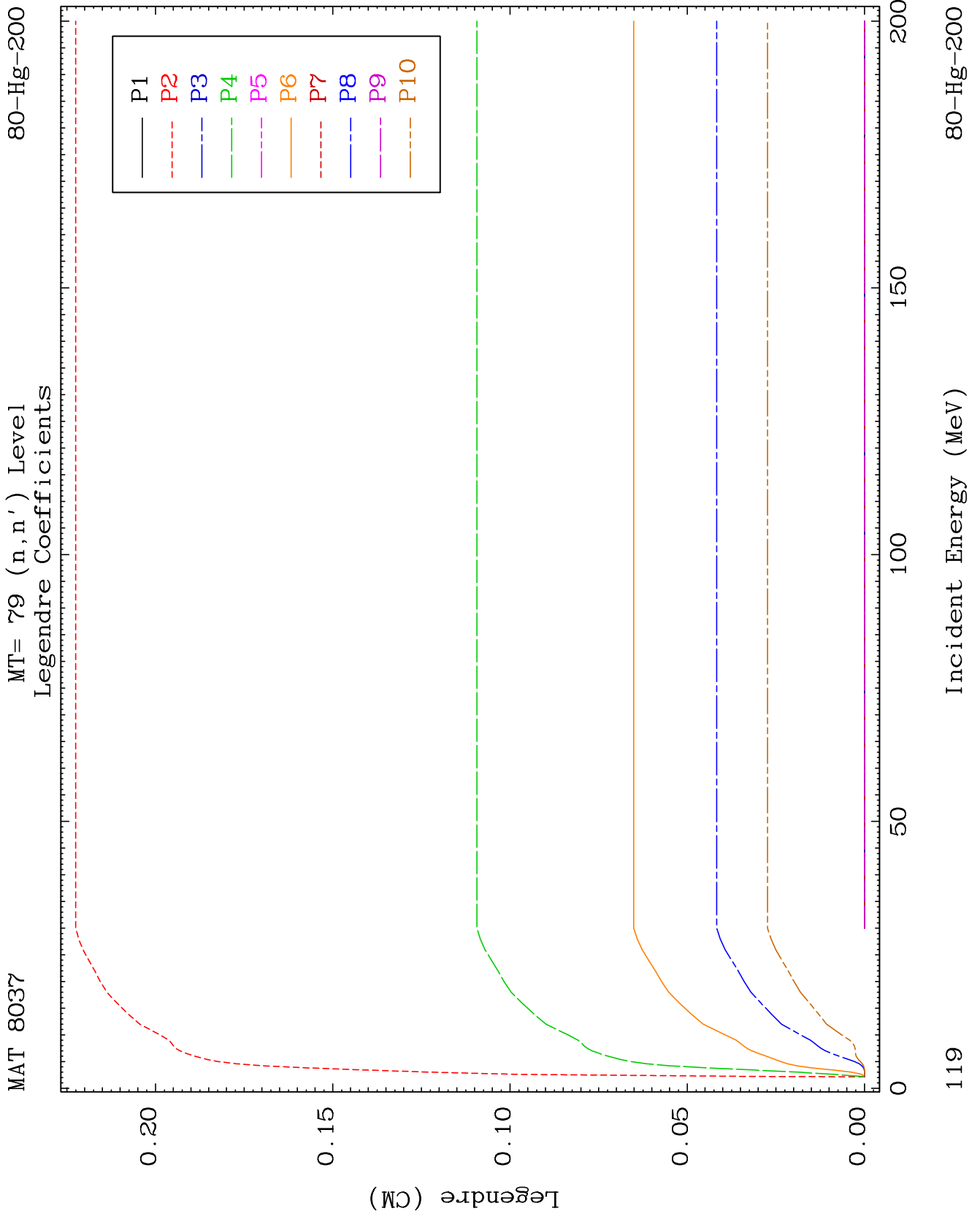
80-Hg-200









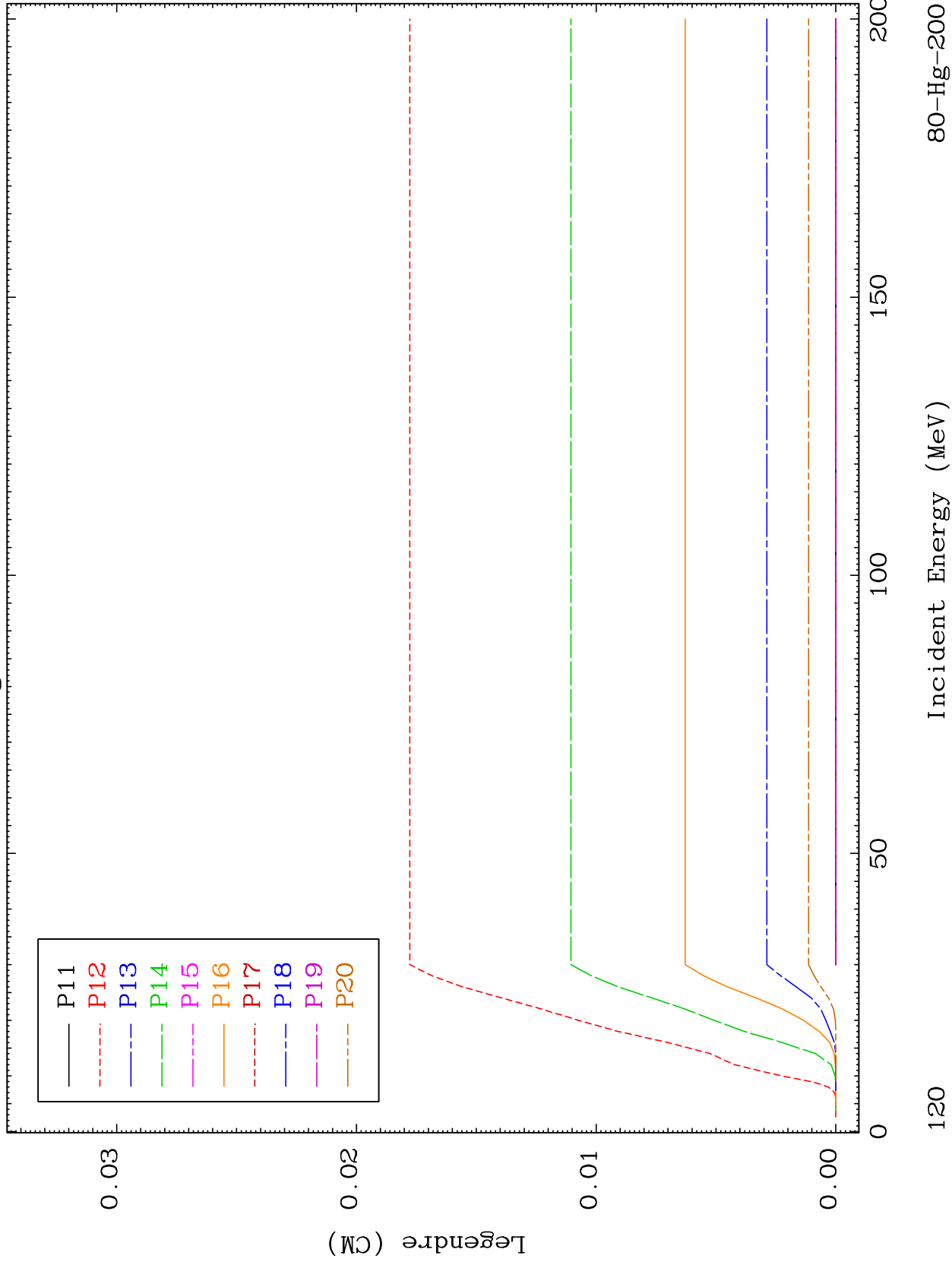


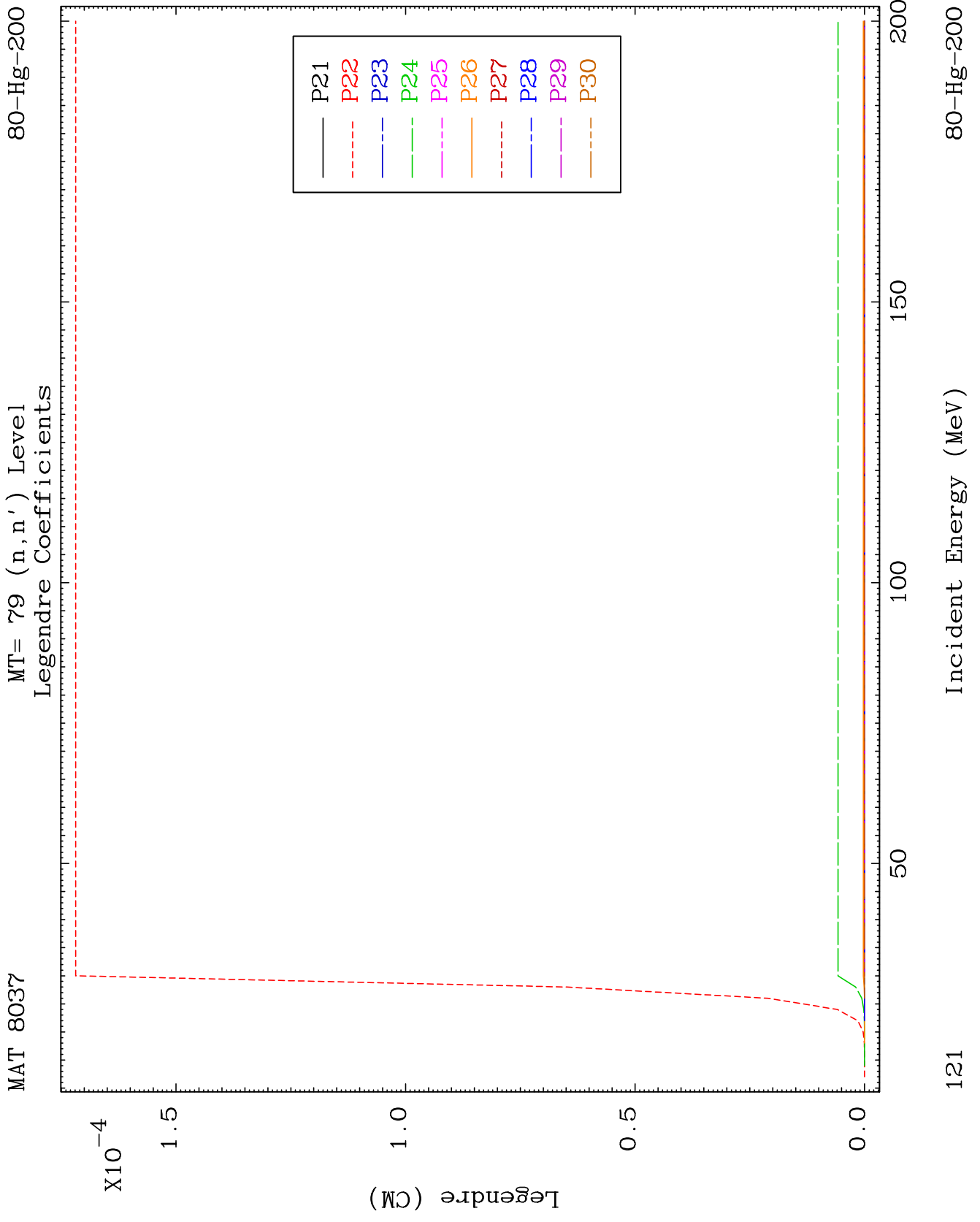


MAT 8037

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

80-Hg-200

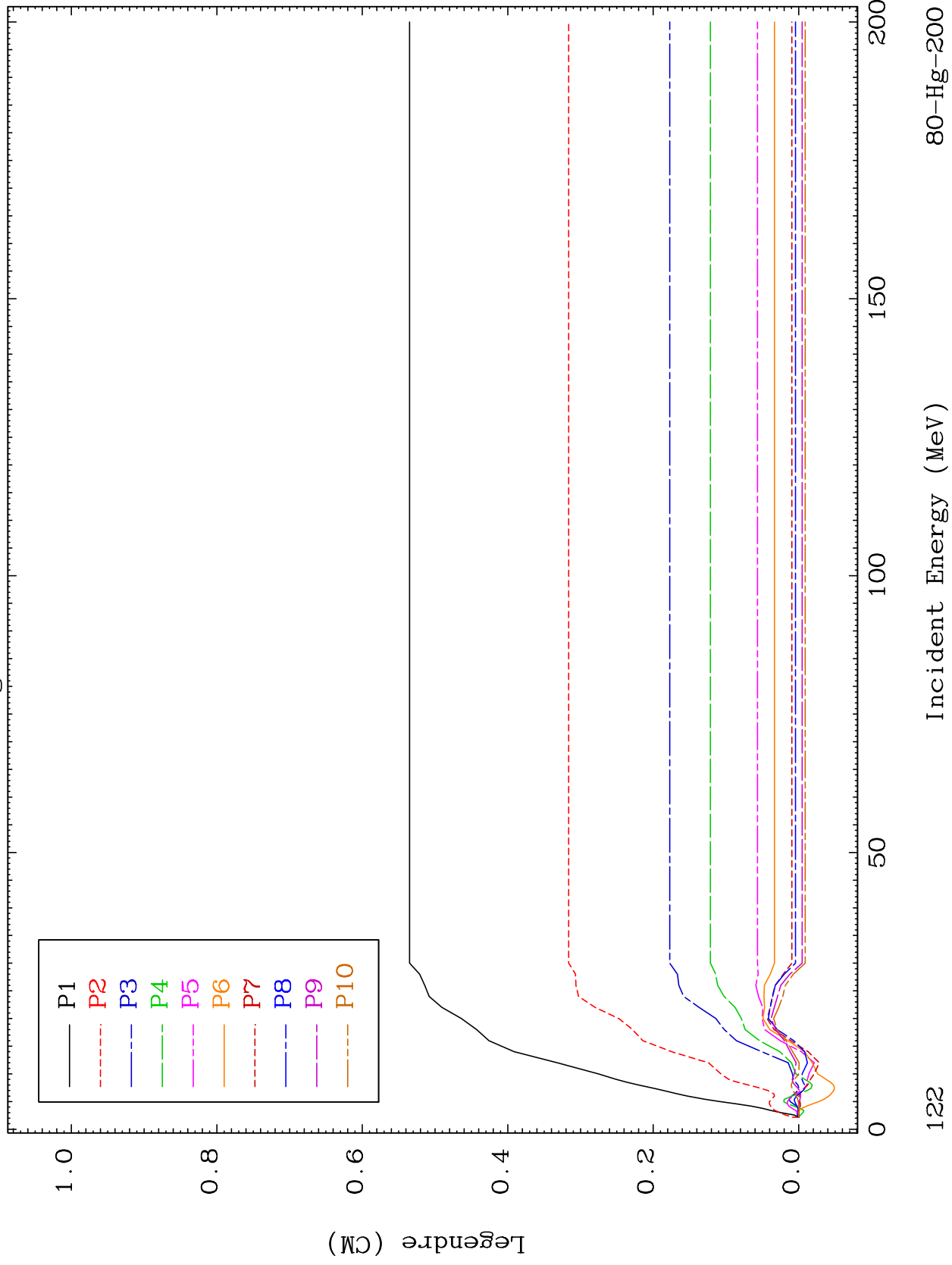




MAT 8037

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

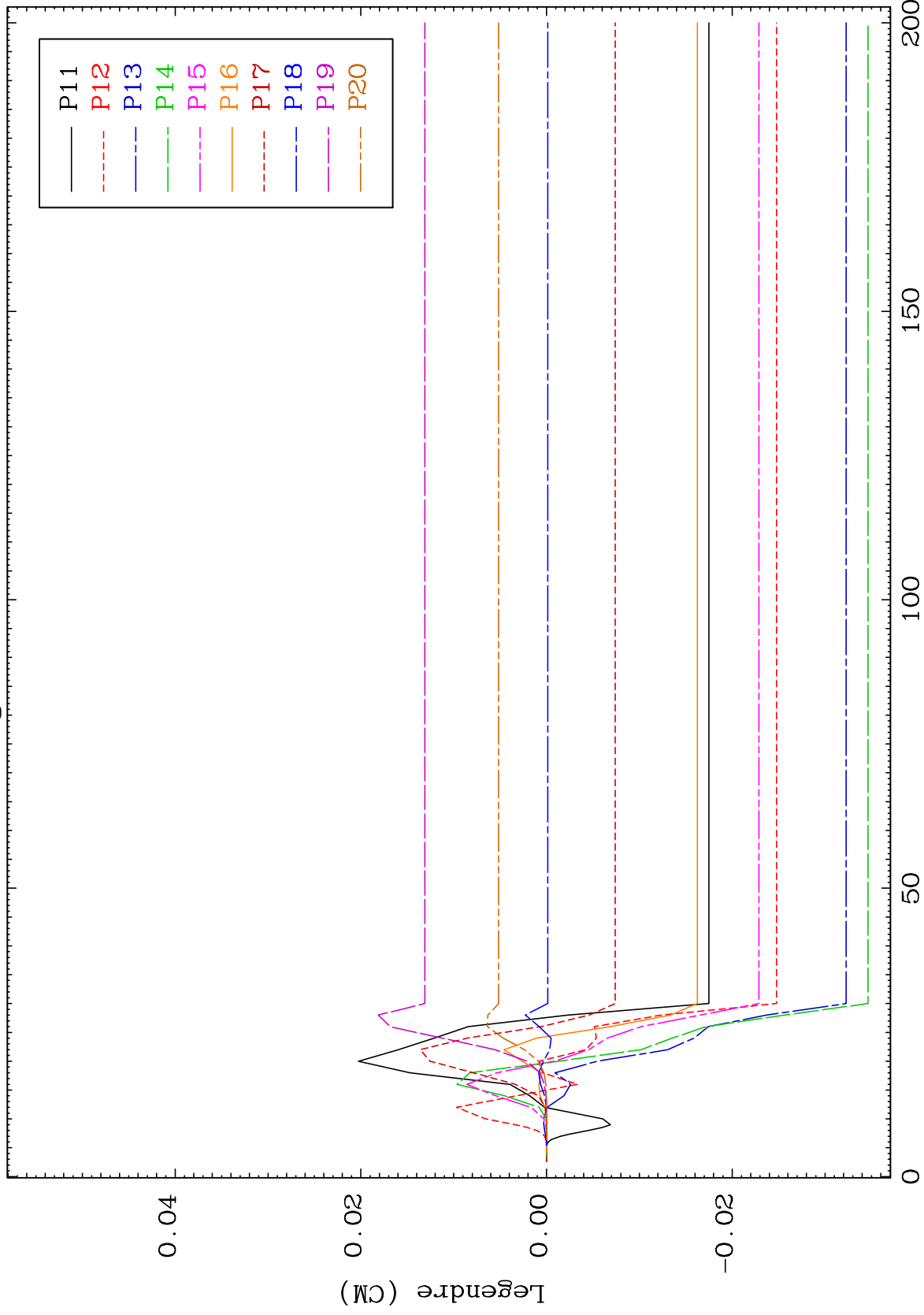
80-Hg-200



MAT 8037

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

80-Hg-200



123

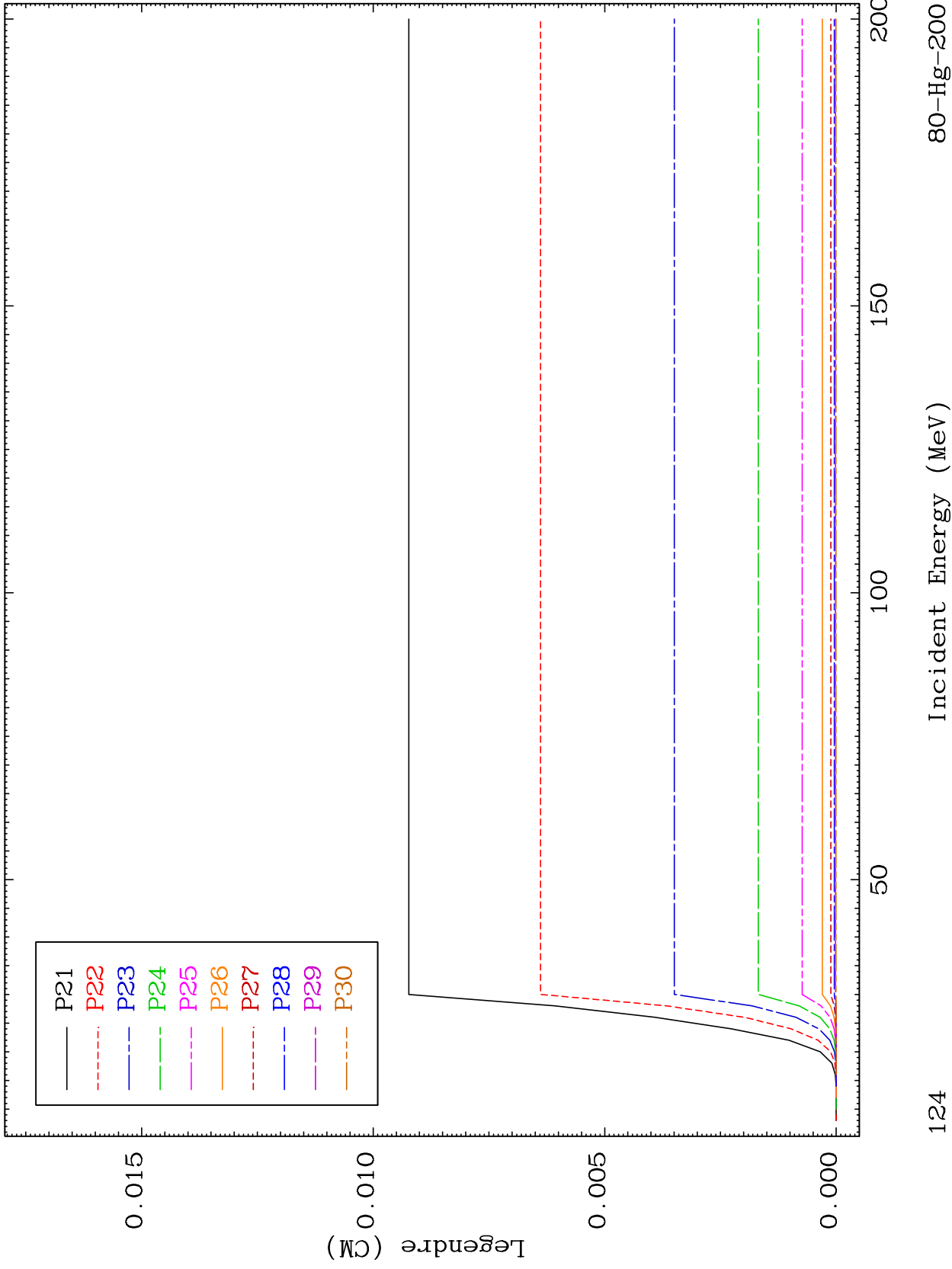
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

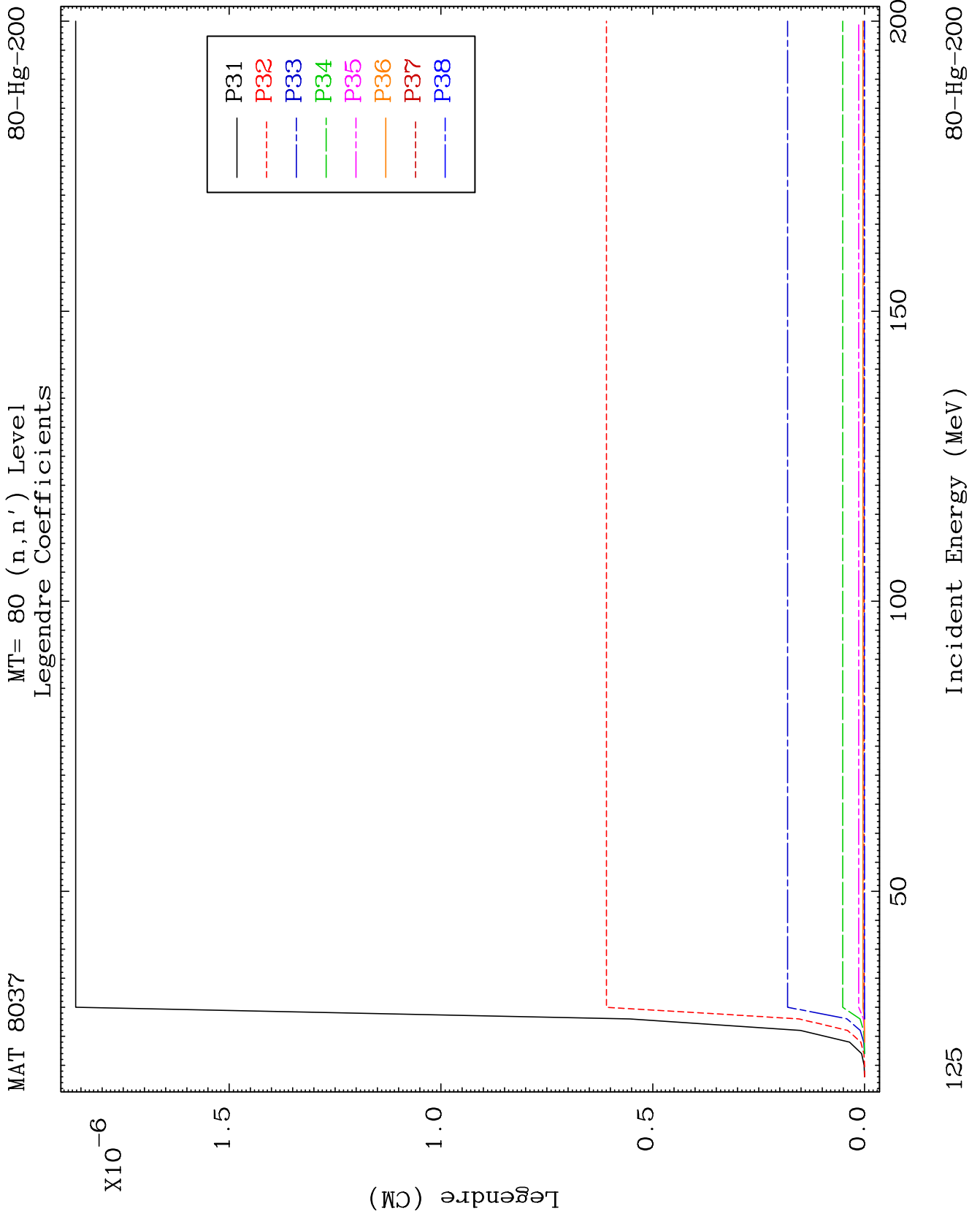
80-Hg-200



124

Incident Energy (MeV)

80-Hg-200

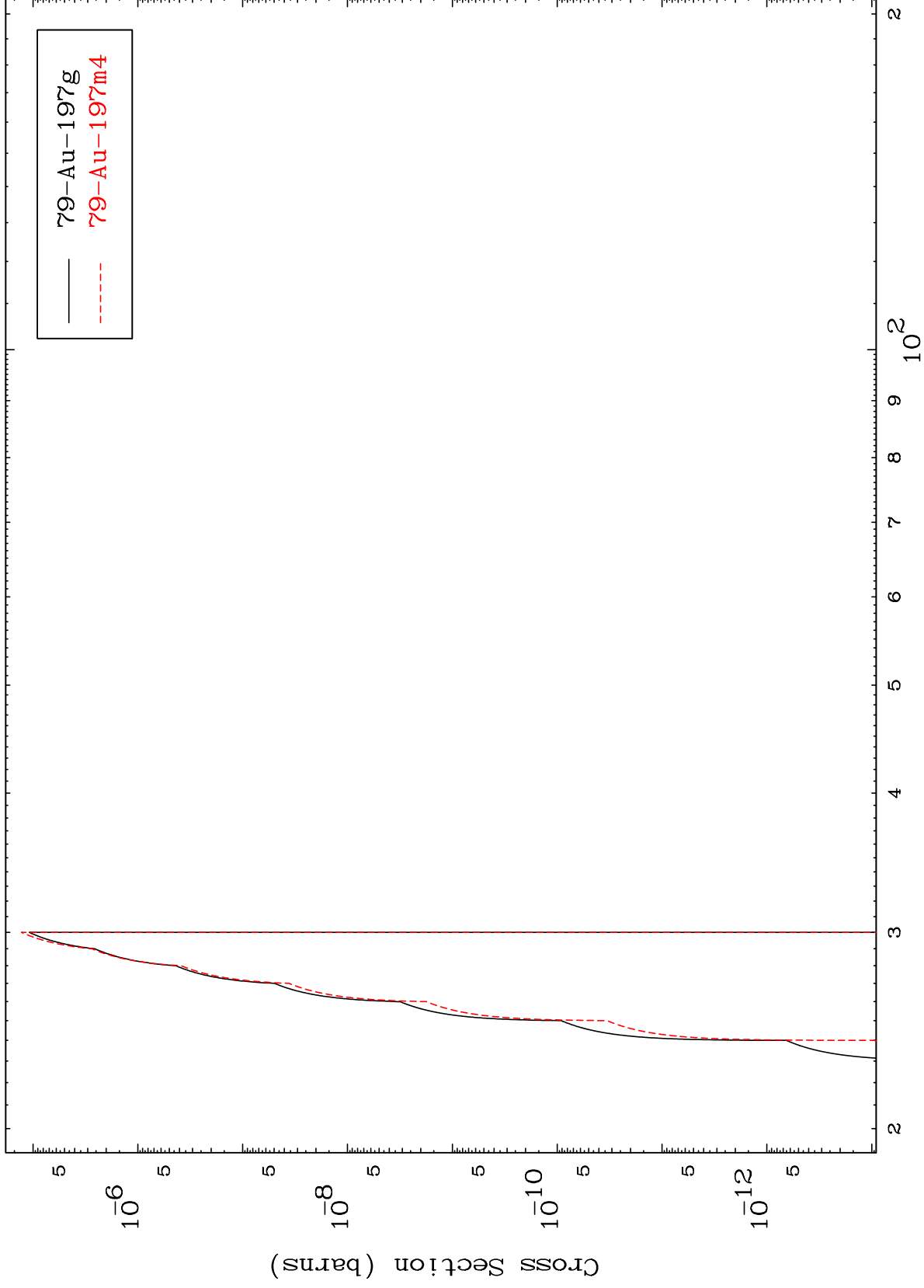


MAT 8037

(n,2n) d

80-Hg-200

Radionuclide Production Cross Section



126

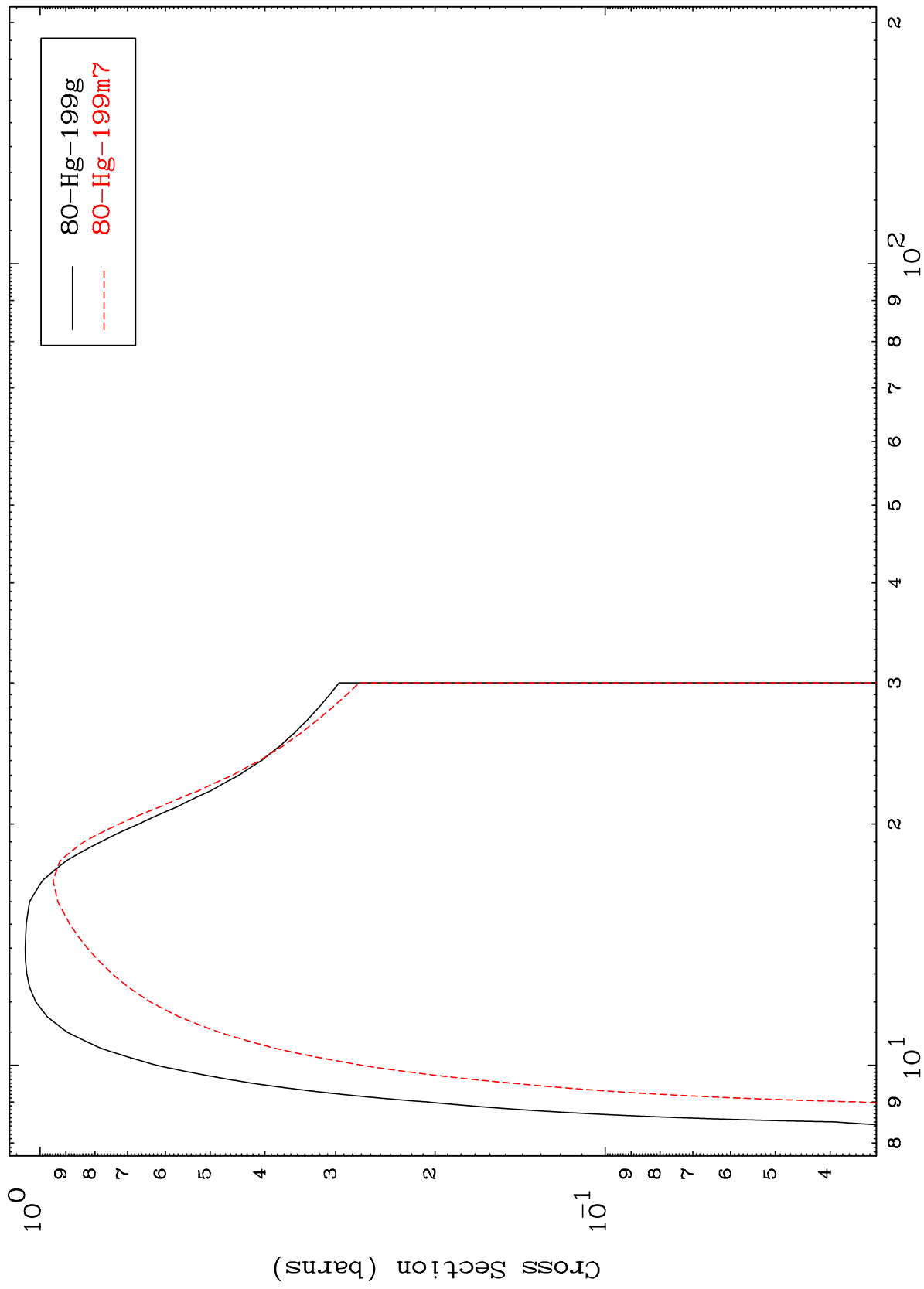
Incident Energy (MeV)

80-Hg-200

MAT 8037

80-Hg-200

(n,2n)  
Radionuclide Production Cross Section



127

Incident Energy (MeV)

80-Hg-200

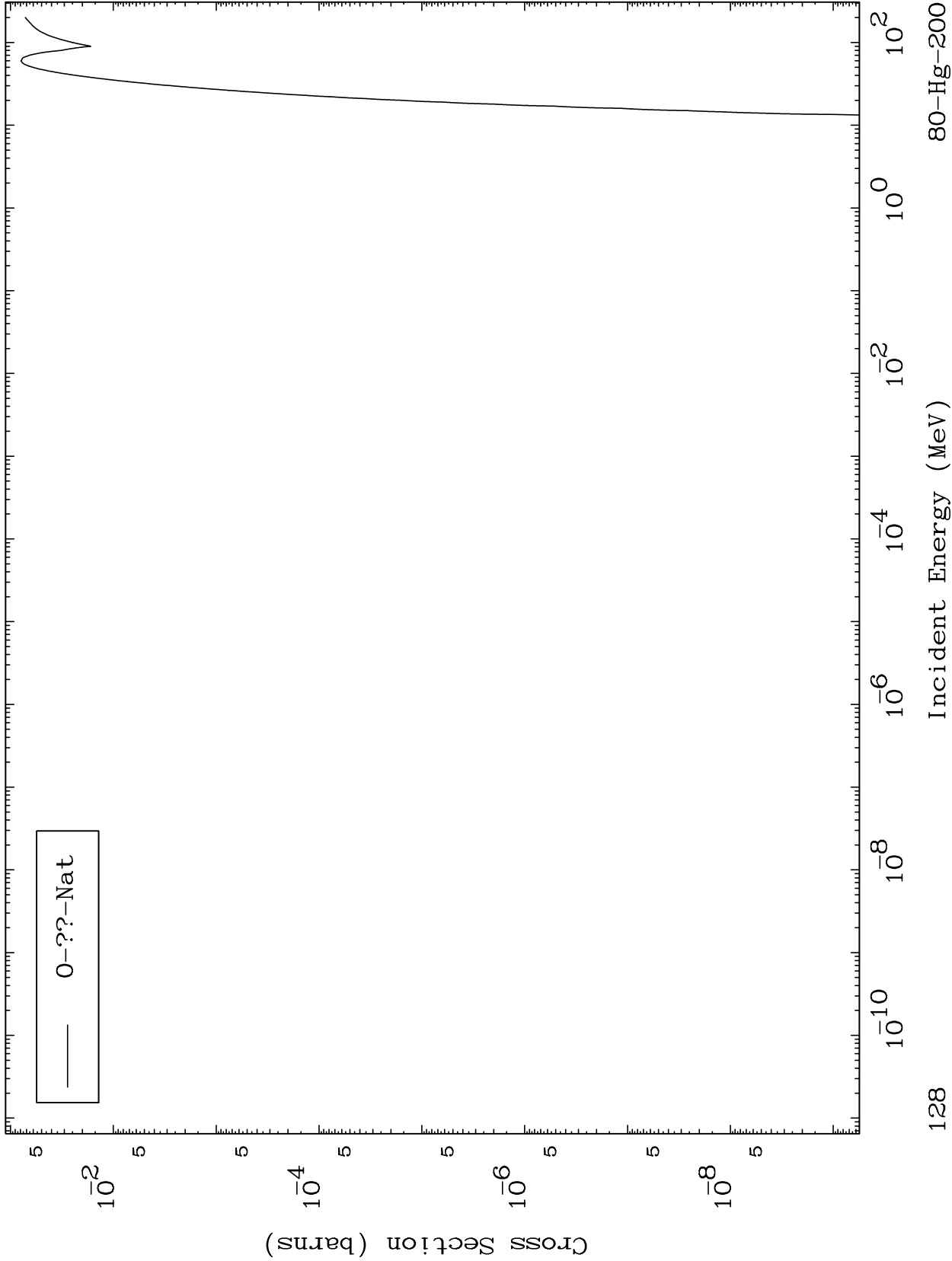


MAT 8037

Fission

80-Hg-200

Radionuclide Production Cross Section

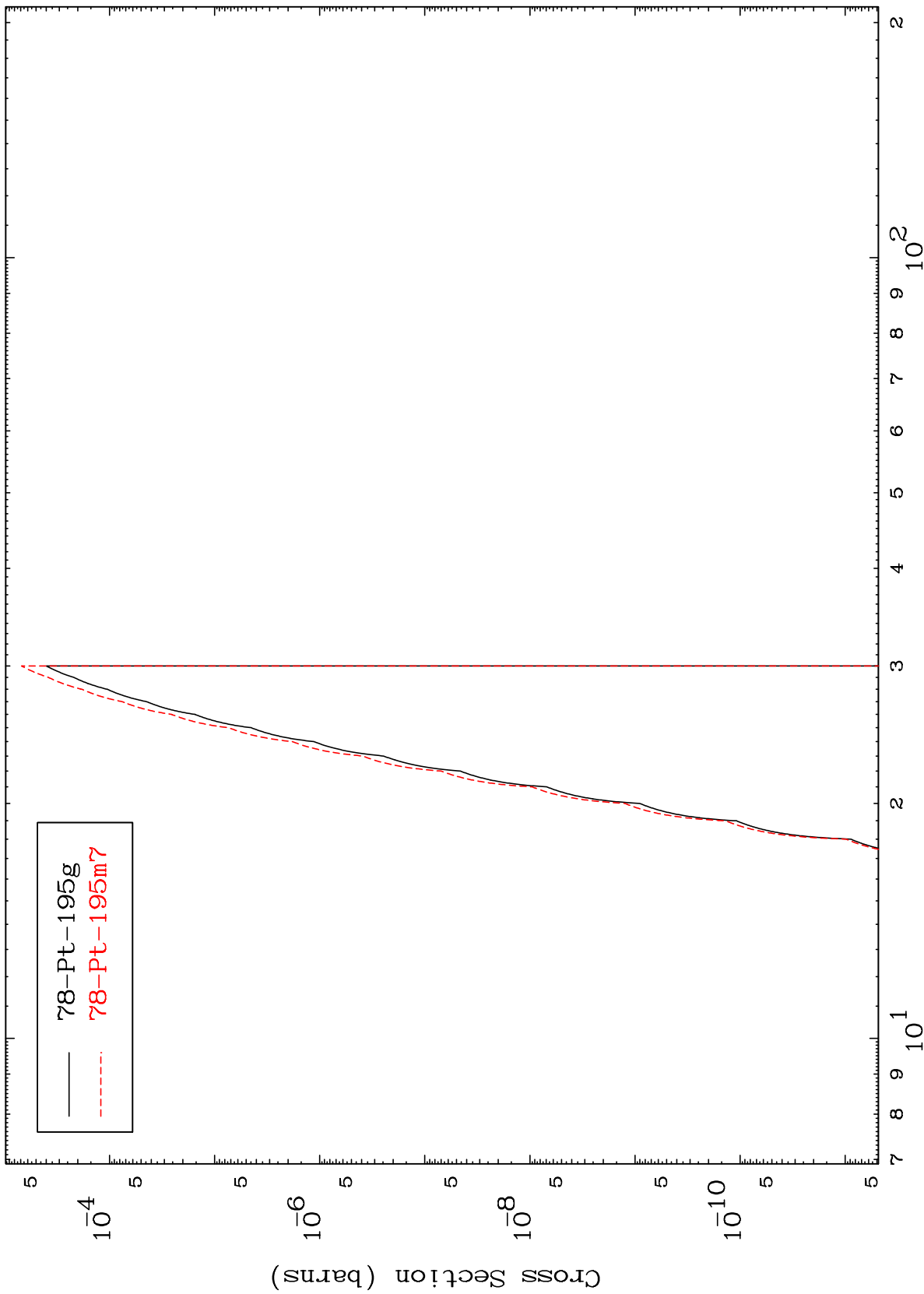


MAT 8037

(n,2n)  $\alpha$

80-Hg-200

Radionuclide Production Cross Section



129

Incident Energy (MeV)

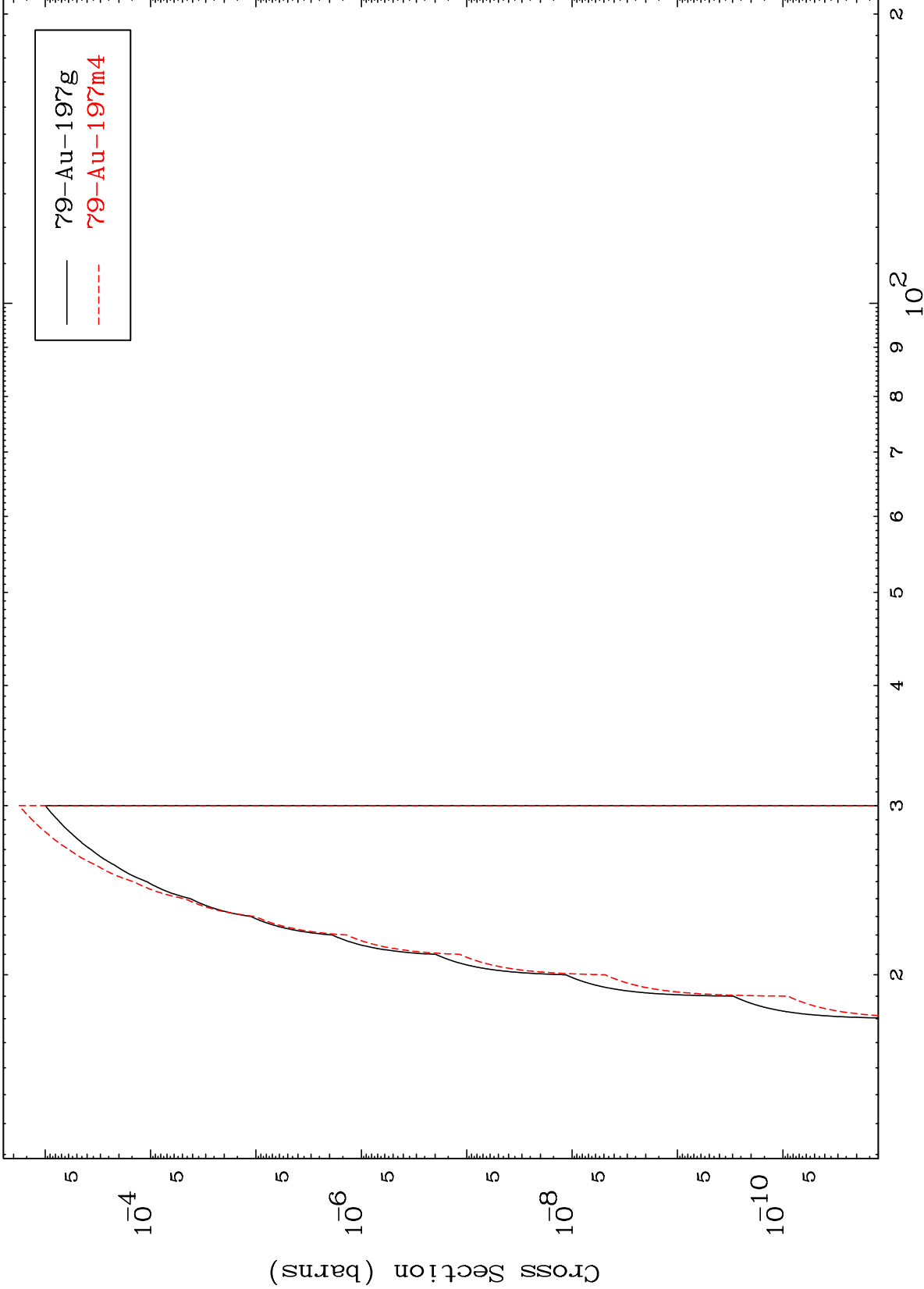
80-Hg-200

MAT 8037

(n,n') t

80-Hg-200

Radionuclide Production Cross Section



79-Au-197g  
79-Au-197m4

130

Incident Energy (MeV)

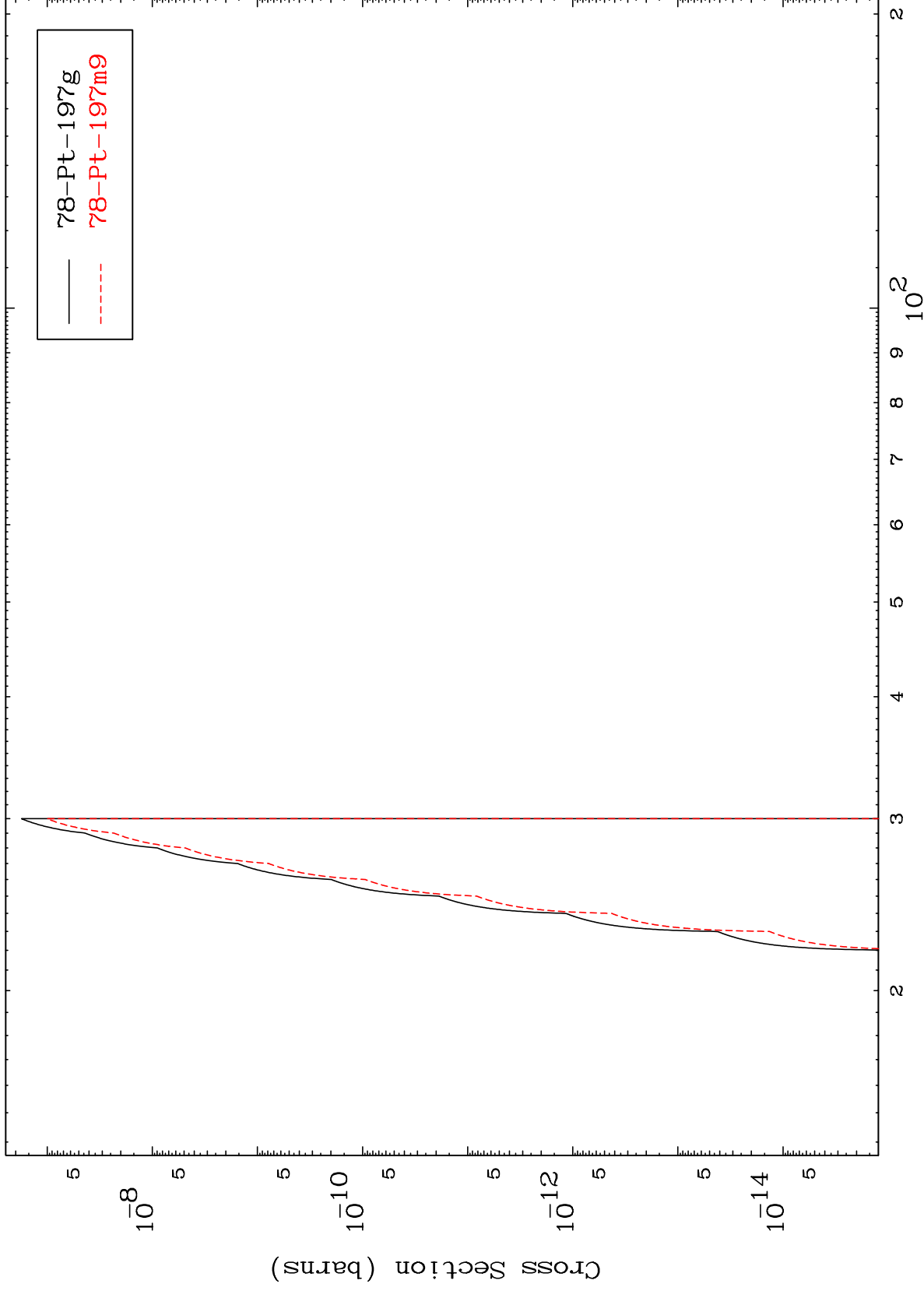
80-Hg-200

MAT 8037

(n,n') He-3

80-Hg-200

Radionuclide Production Cross Section



131

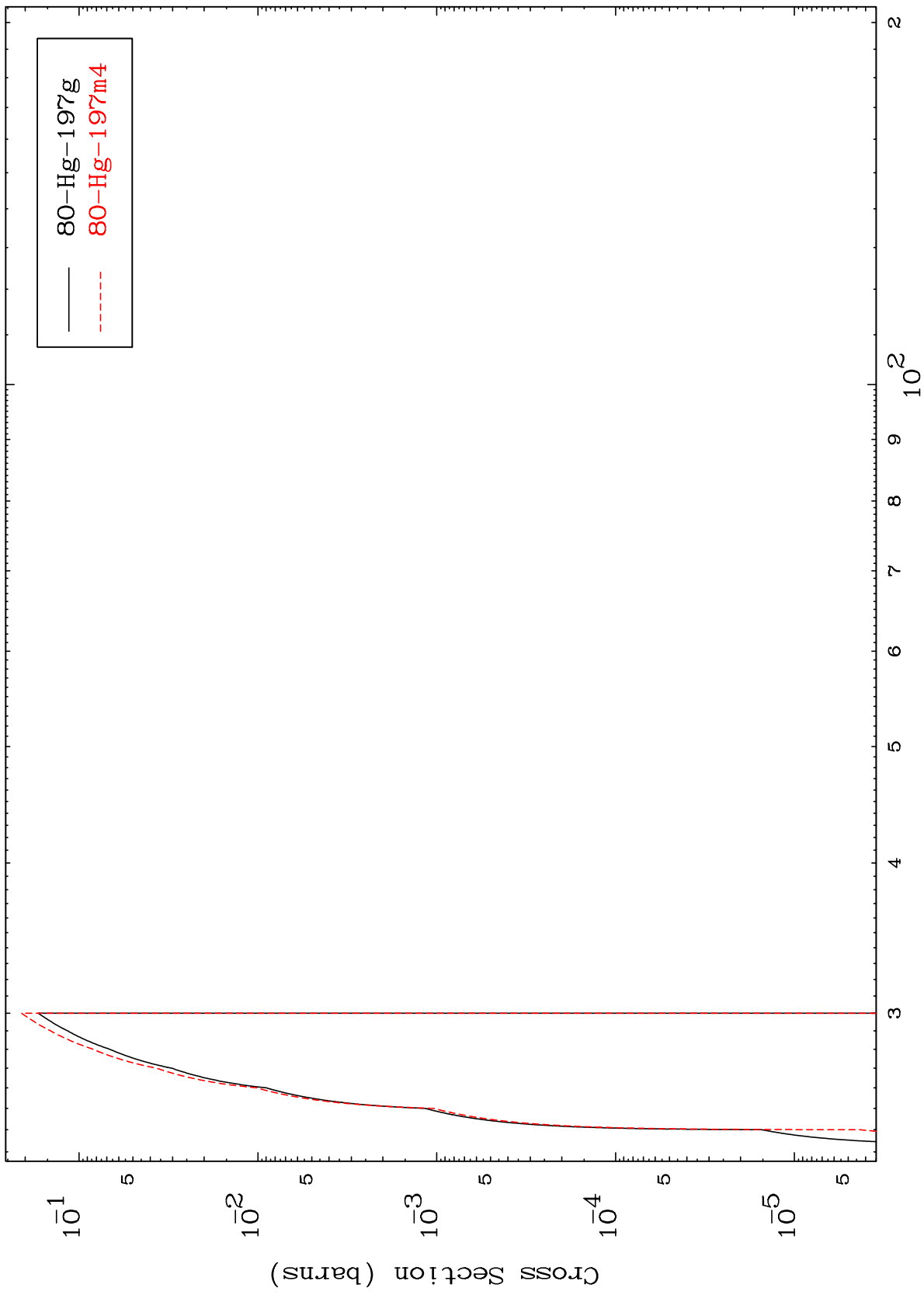
Incident Energy (MeV)

80-Hg-200

MAT 8037

80-Hg-200

(n,4n)  
Radionuclide Production Cross Section



132

80-Hg-200

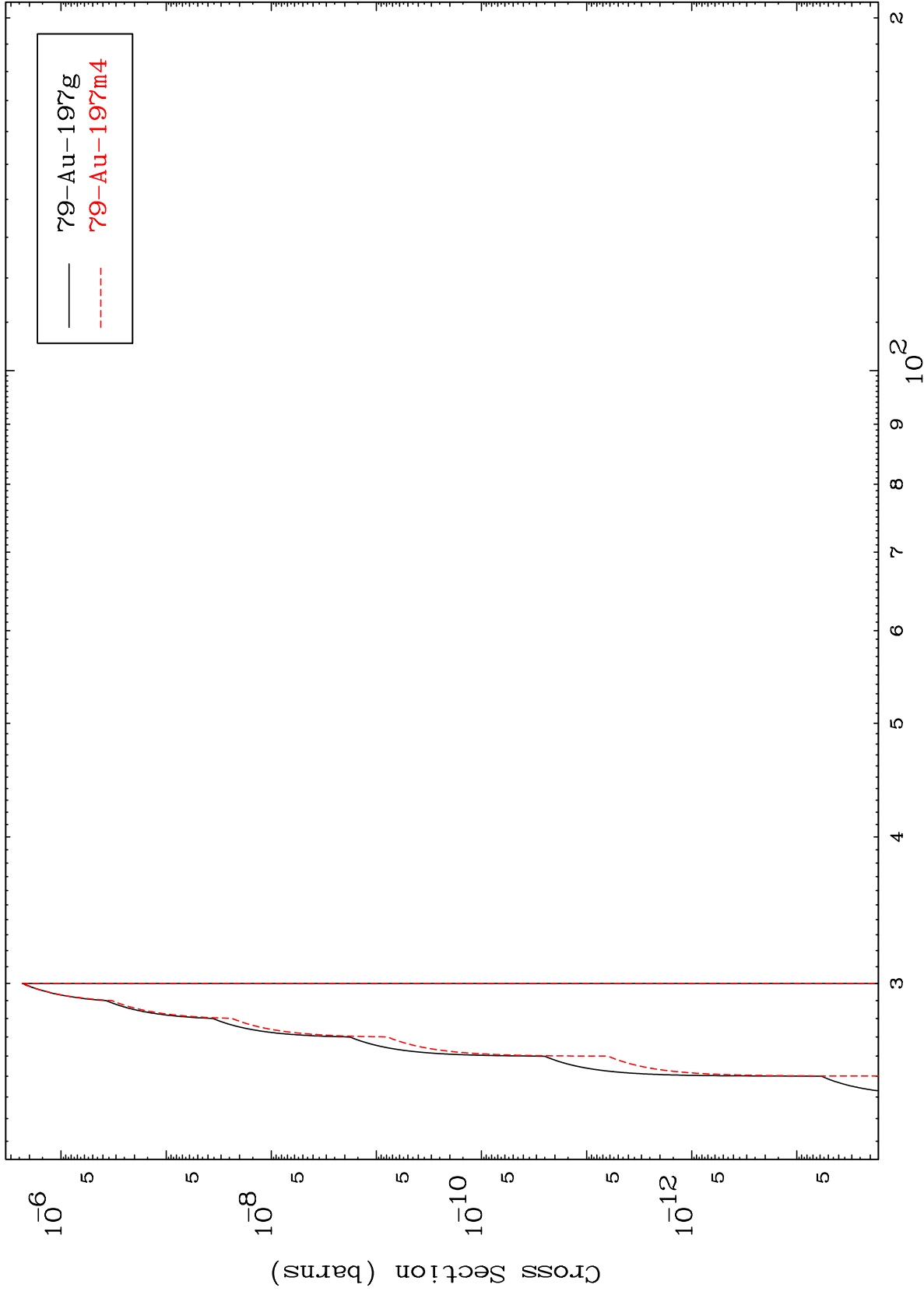
Incident Energy (MeV)

MAT 8037

(n,3n) p

80-Hg-200

Radionuclide Production Cross Section



133

Incident Energy (MeV)

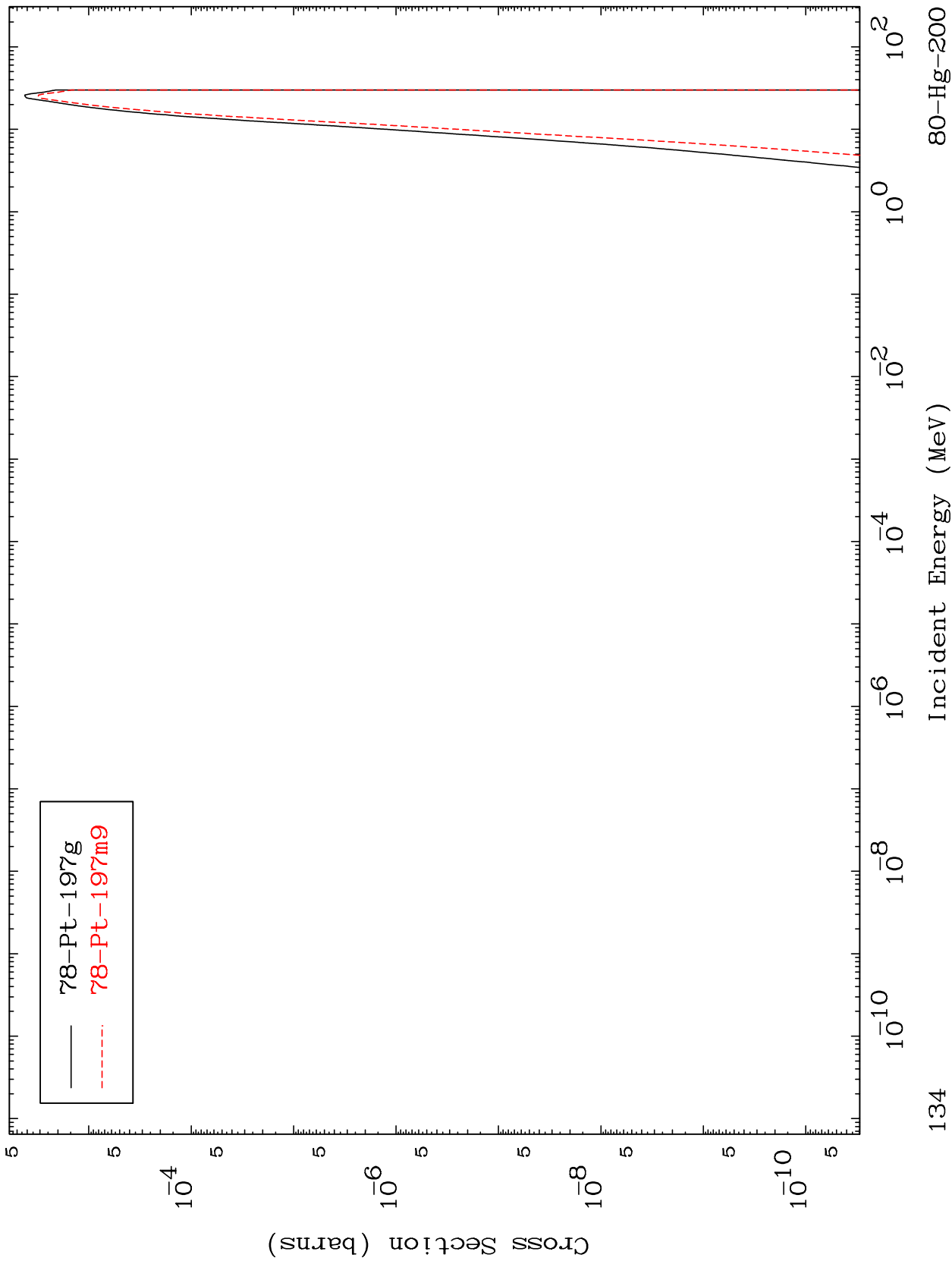
80-Hg-200

MAT 8037

(n,  $\alpha$ )

80-Hg-200

Radionuclide Production Cross Section



134

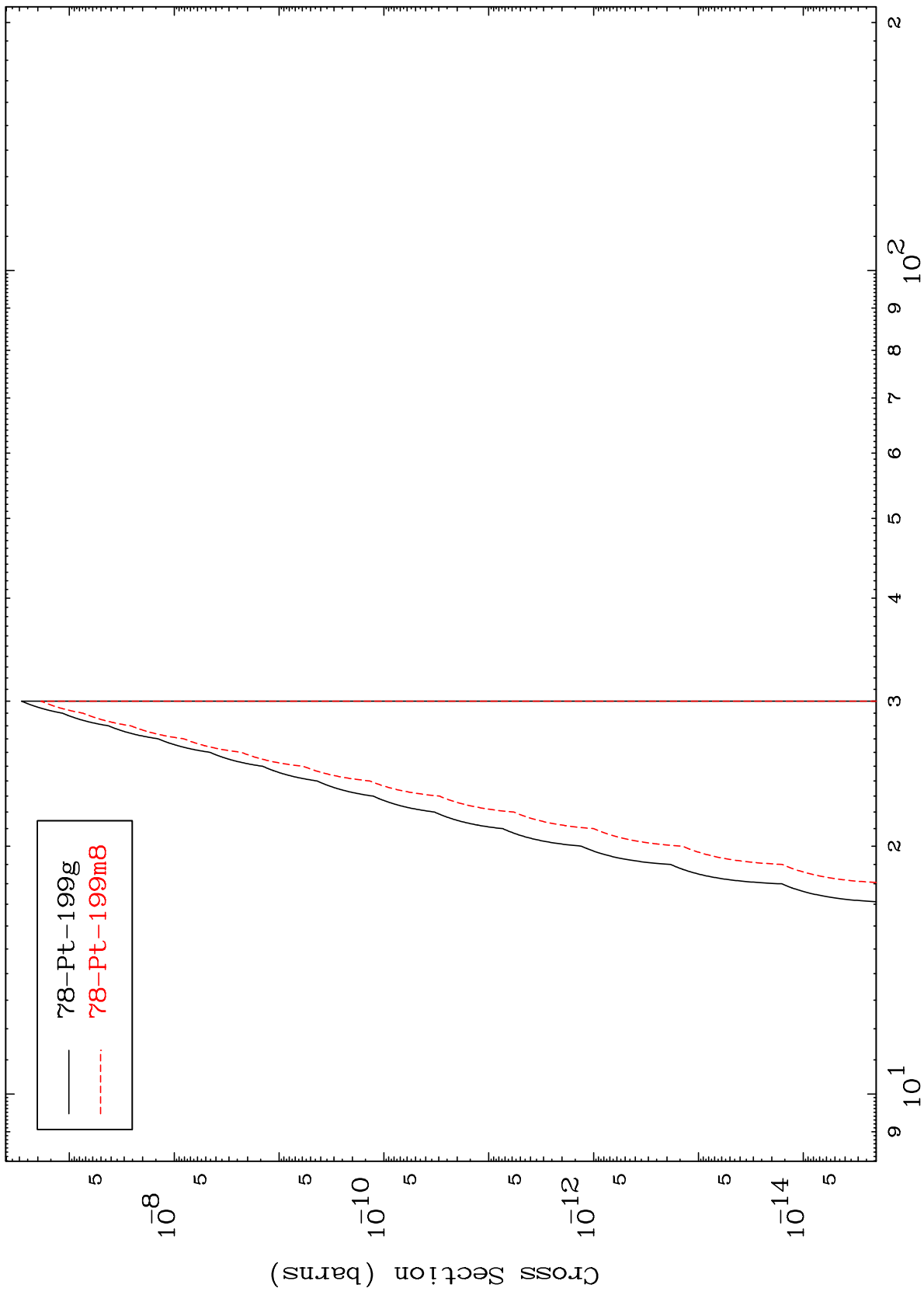
Incident Energy (MeV)

80-Hg-200

MAT 8037

80-Hg-200

(n,2p)  
Radionuclide Production Cross Section



135

Incident Energy (MeV)

80-Hg-200

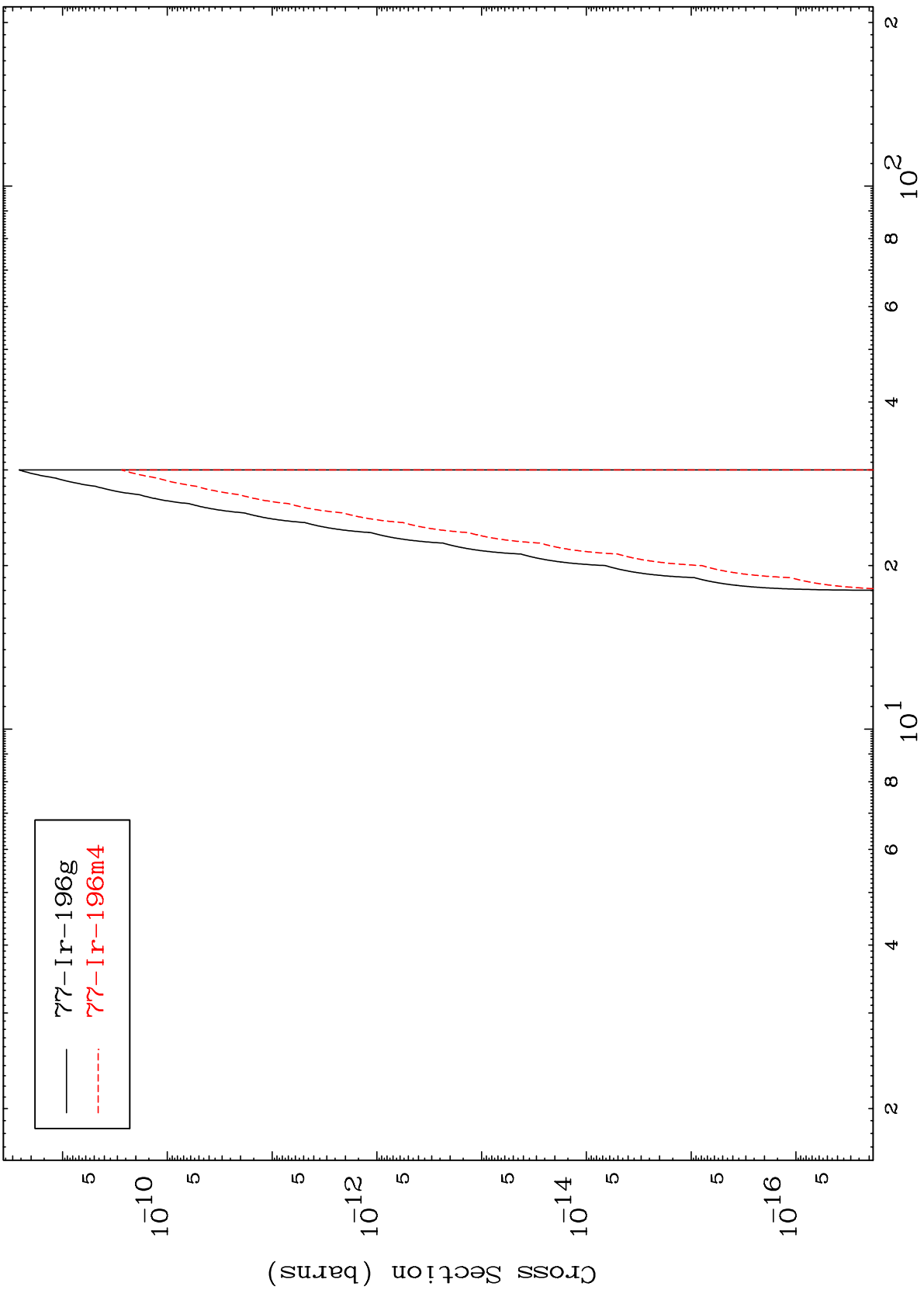


MAT 8037

(n,p)  $\alpha$

80-Hg-200

Radionuclide Production Cross Section



—  $^{77}\text{Ir-196g}$   
- - -  $^{77}\text{Ir-196m4}$

136

Incident Energy (MeV)

80-Hg-200