

Program EVALPLOT  
(Version 2021-1)

by

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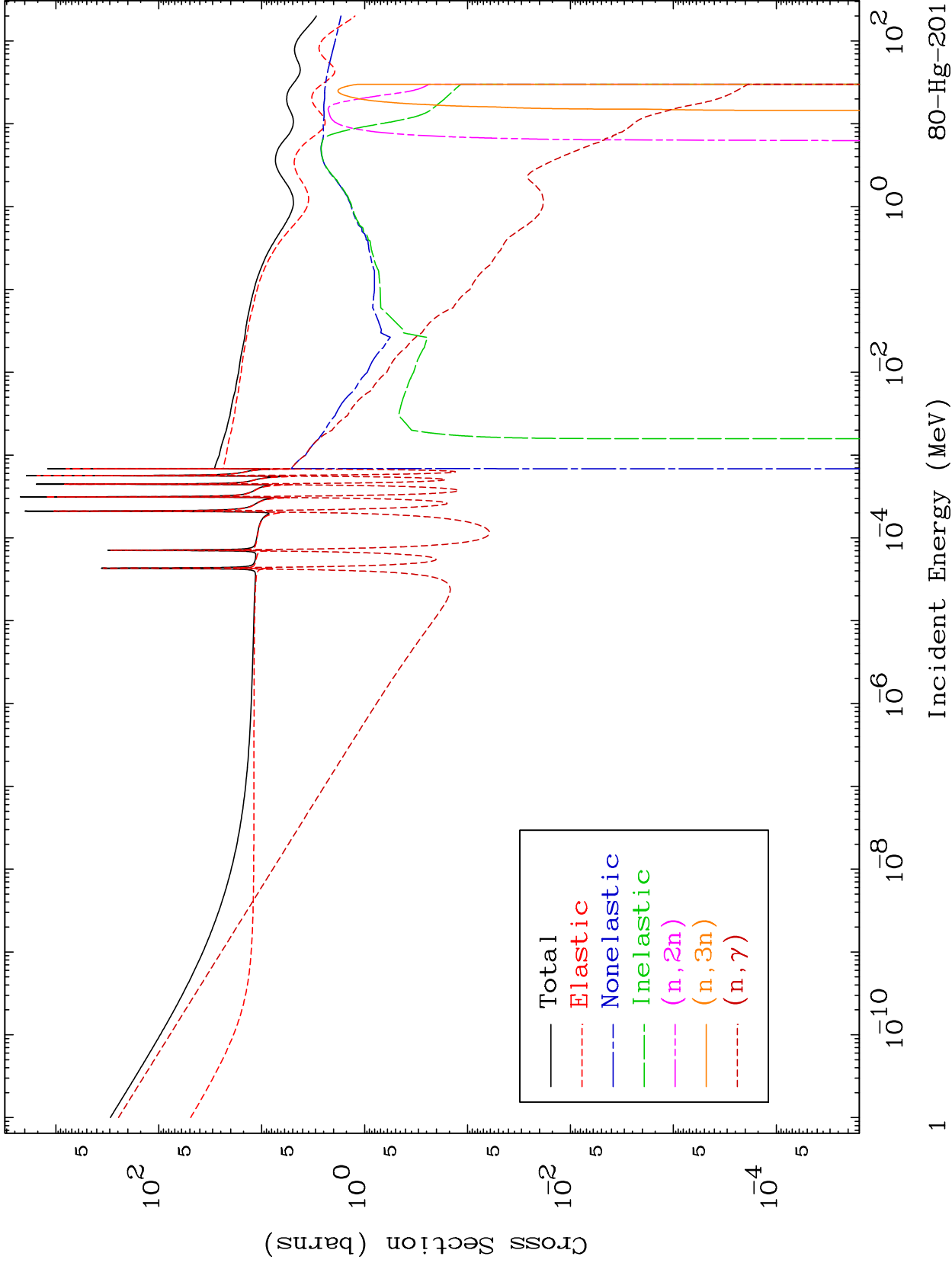
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8040

Neutron Major  
293 Kelvin Cross Sections

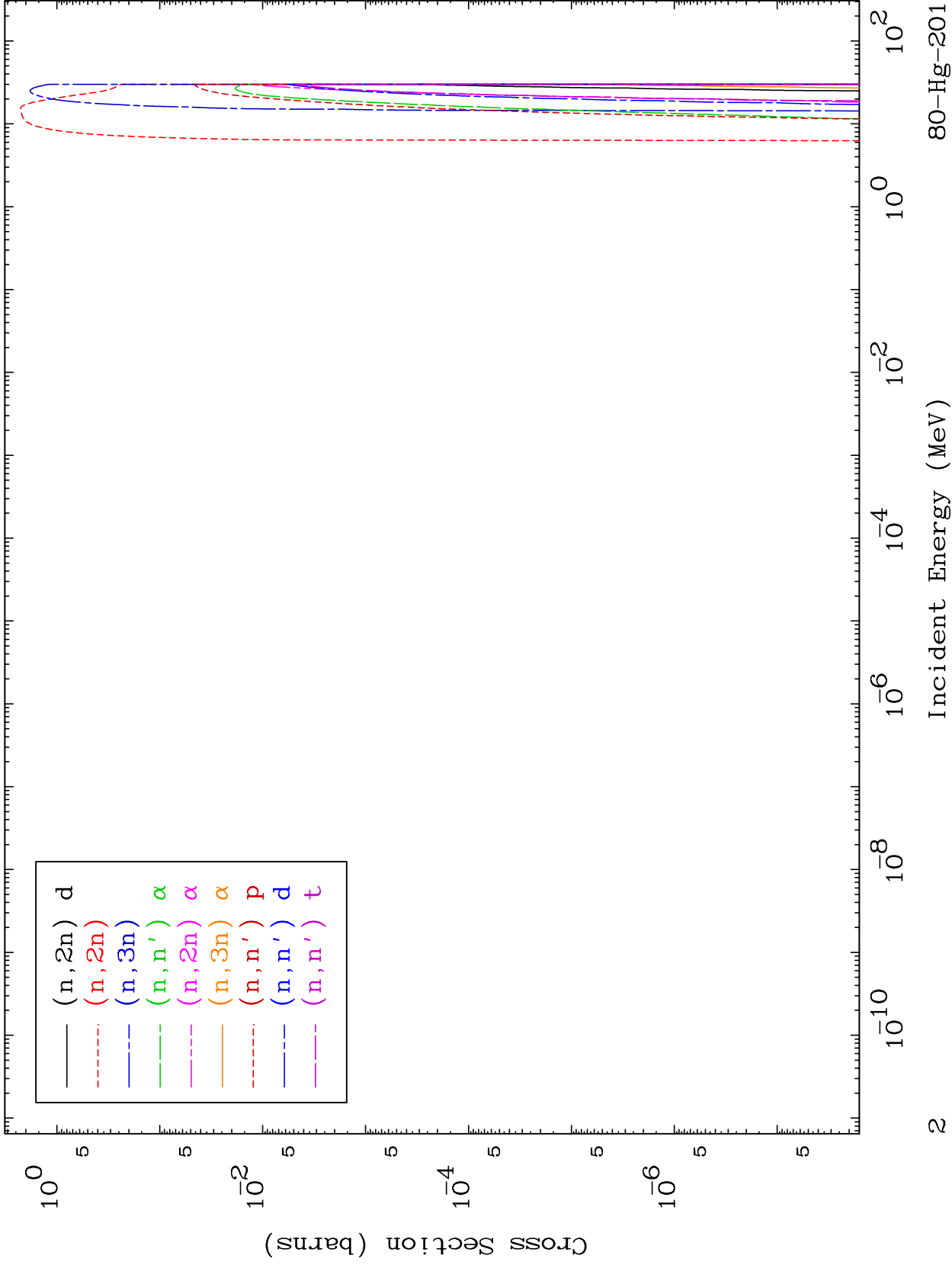
80-Hg-201



MAT 8040

Neutron Absorption  
293 Kelvin Cross Sections

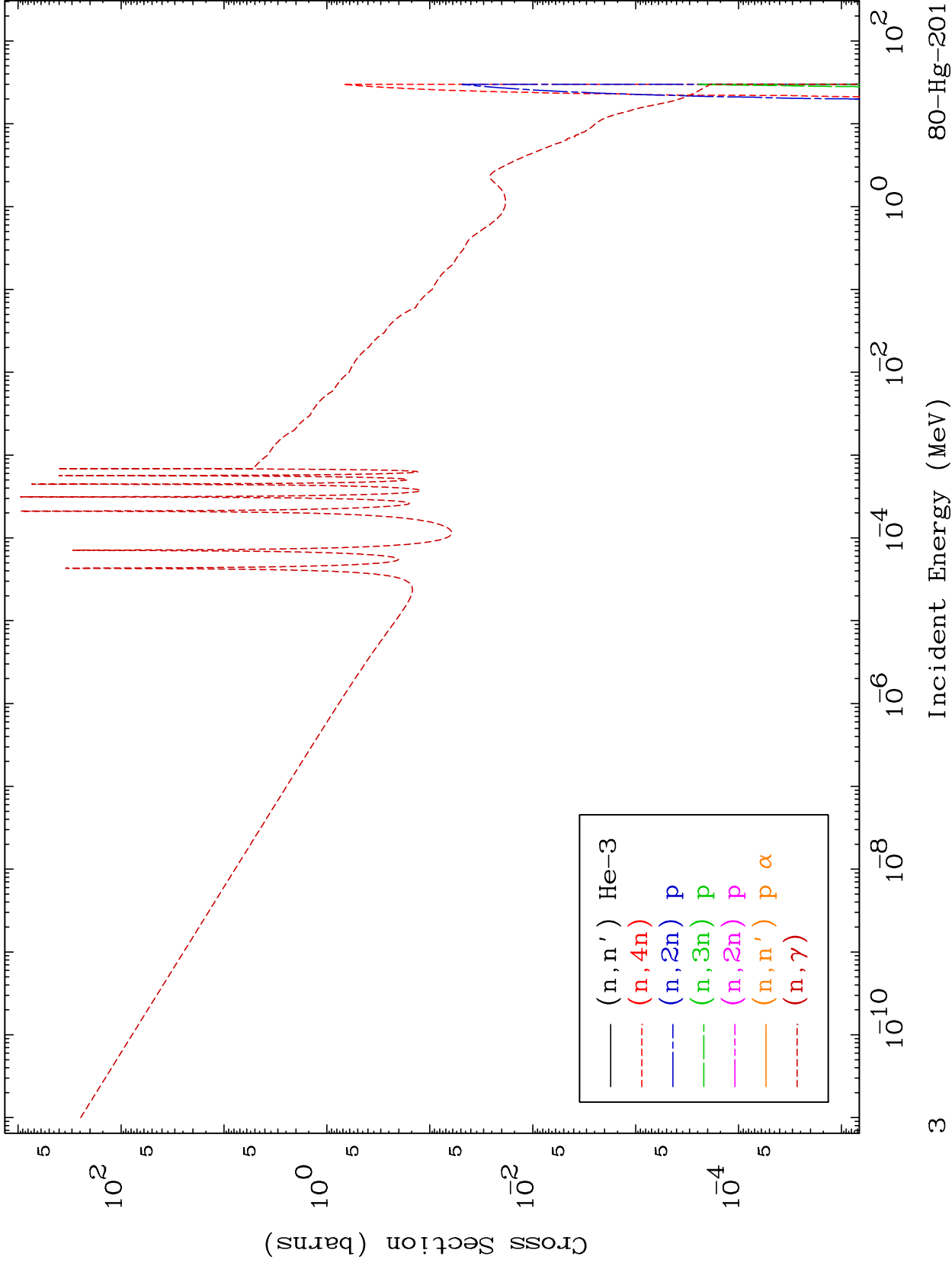
80-Hg-201



MAT 8040

Neutron Absorption  
293 Kelvin Cross Sections

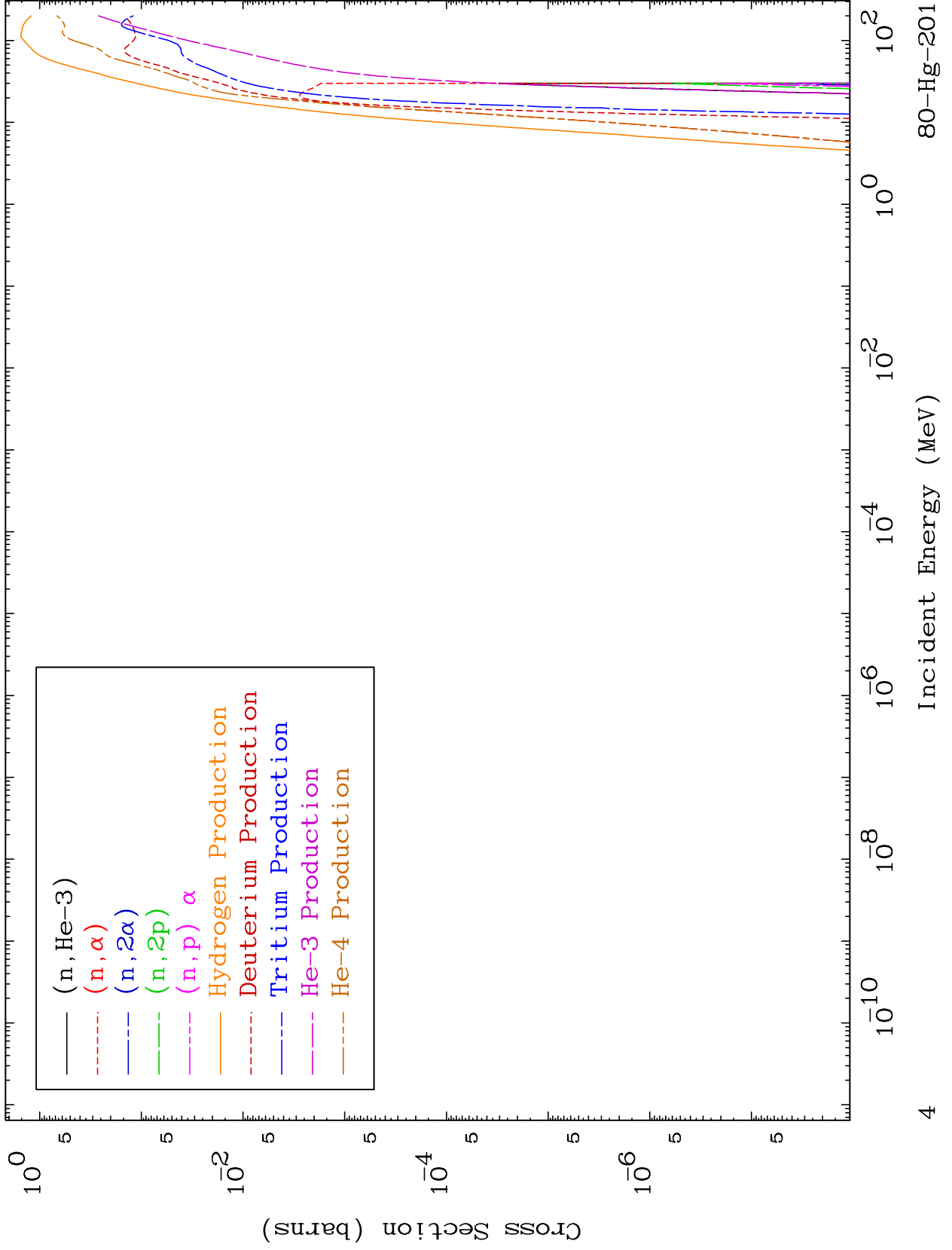
80-Hg-201



MAT 8040

Neutron Absorption  
293 Kelvin Cross Sections

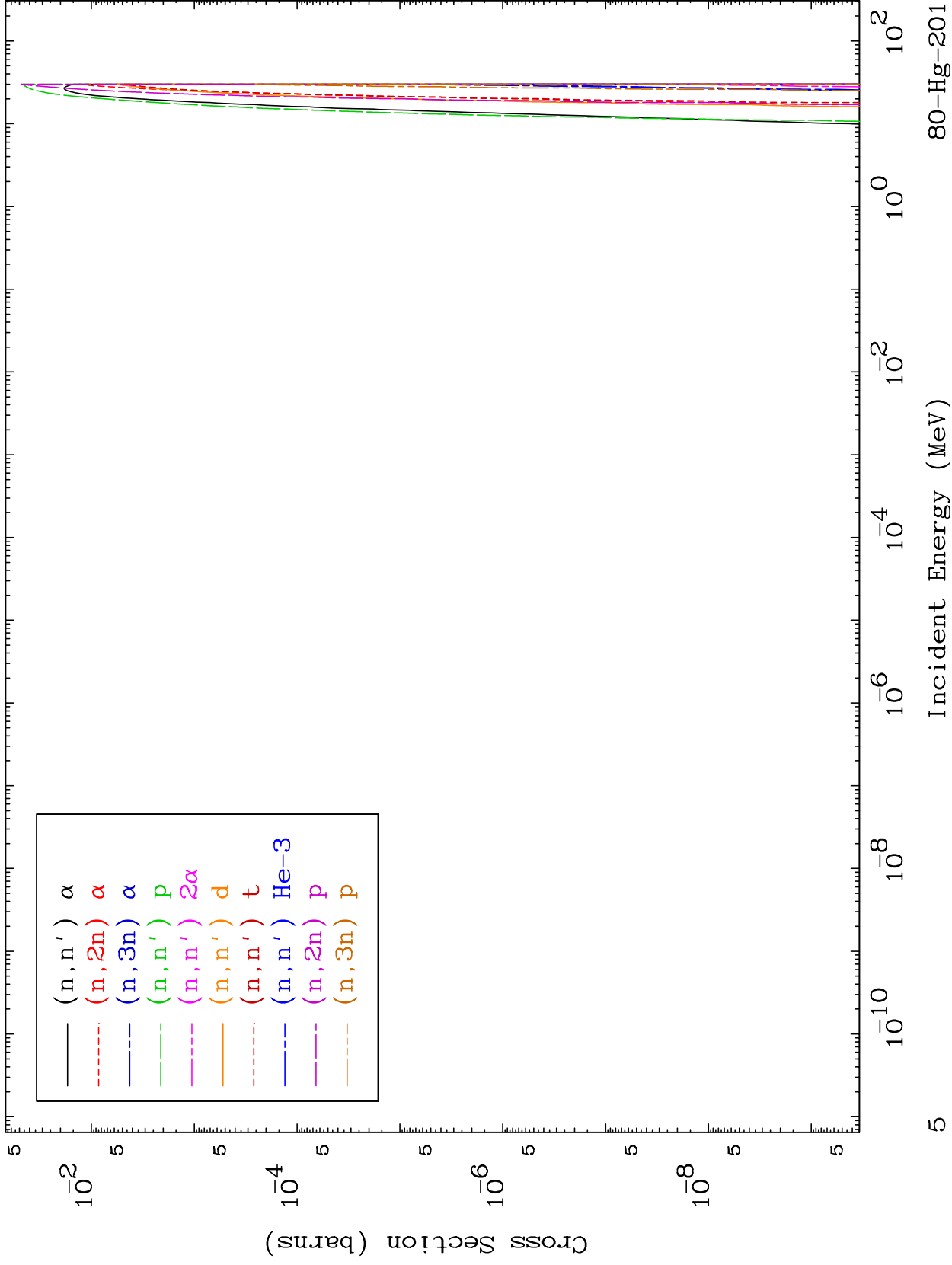
80-Hg-201



MAT 8040

Charged Particle  
293 Kelvin Cross Sections

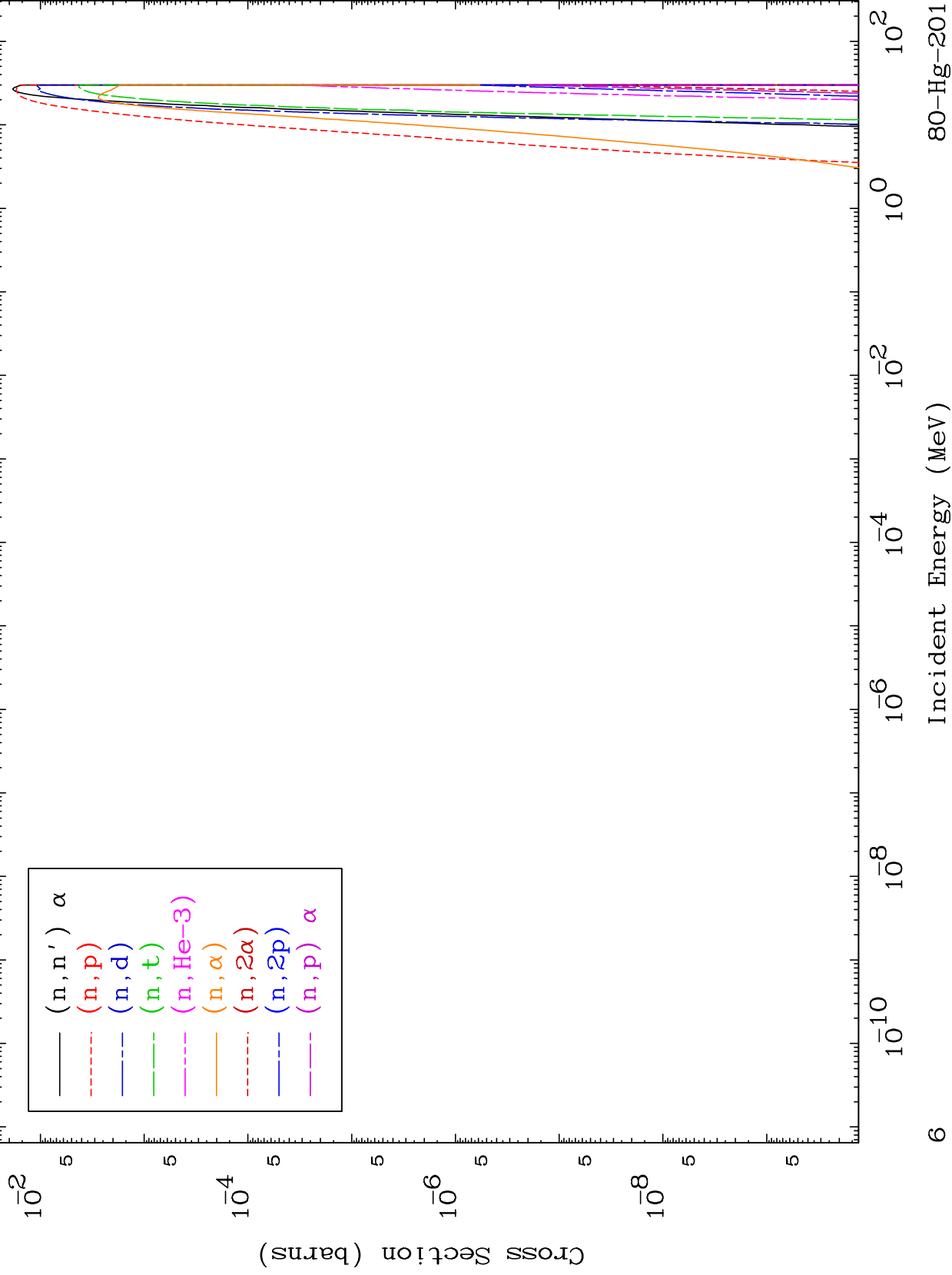
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MAT 8040

Charged Particle  
293 Kelvin Cross Sections

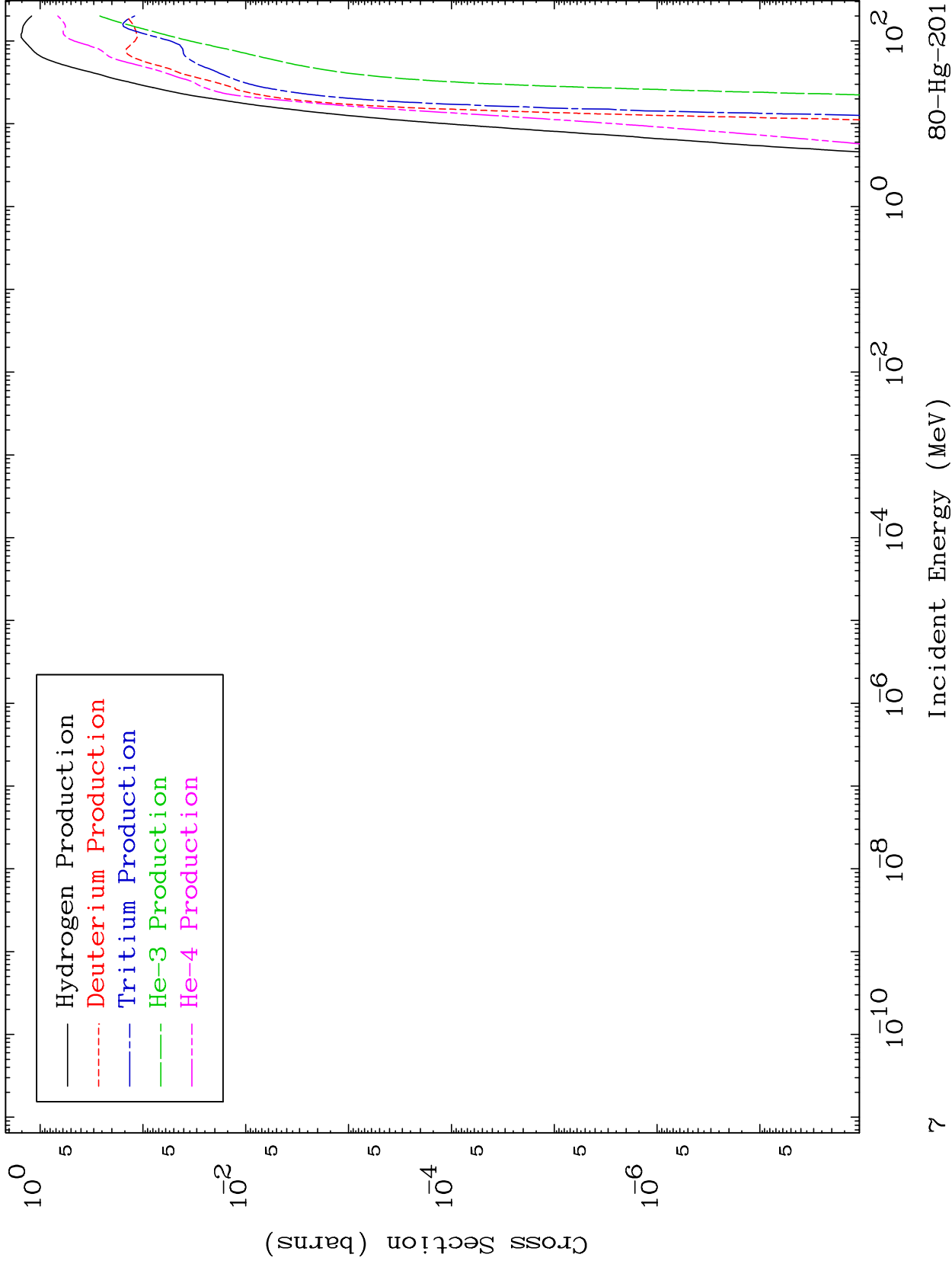
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MAT 8040

Particle Production  
293 Kelvin Cross Sections

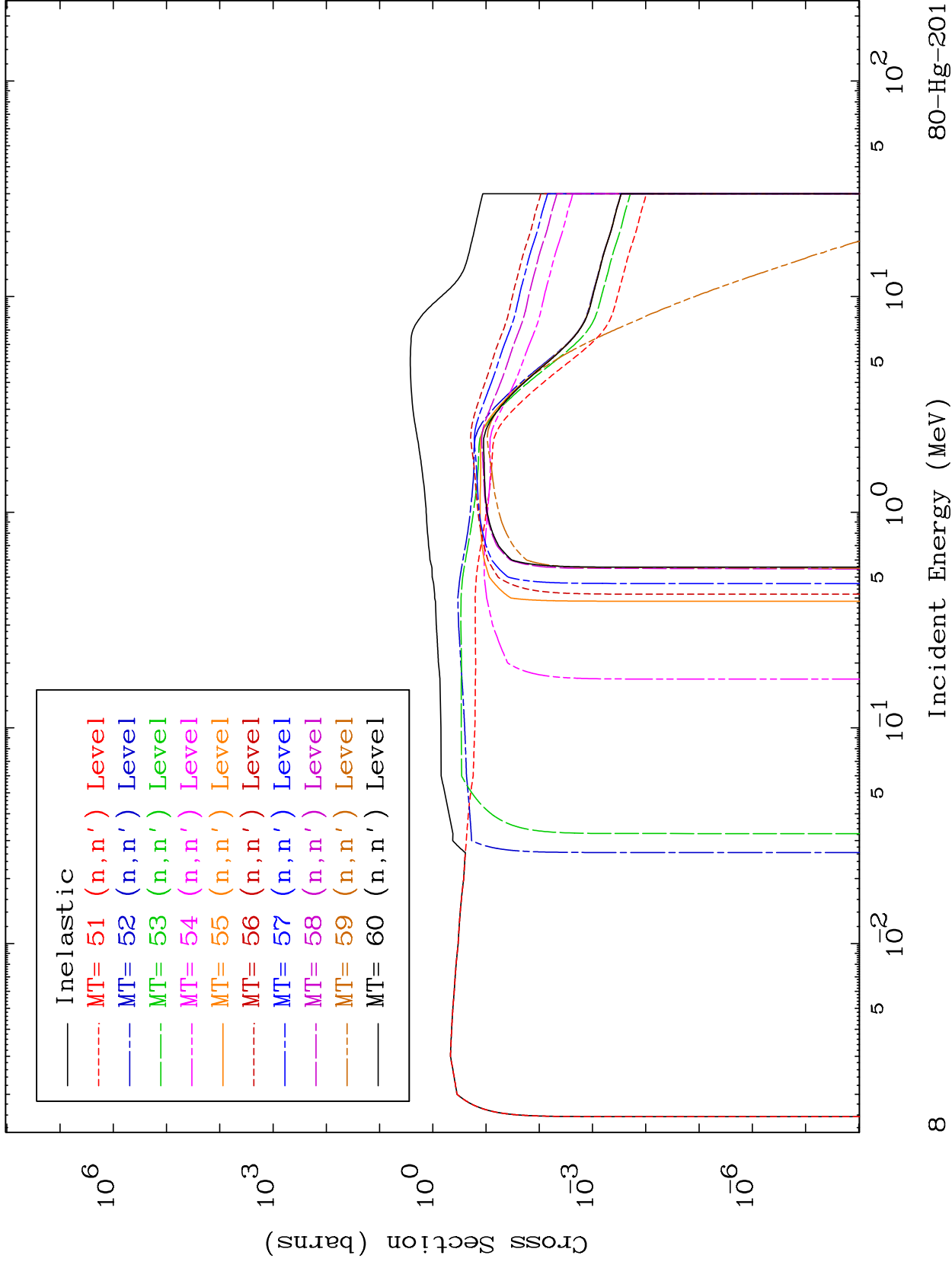
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MAT 8040

(n,n') Levels  
293 Kelvin Cross Sections

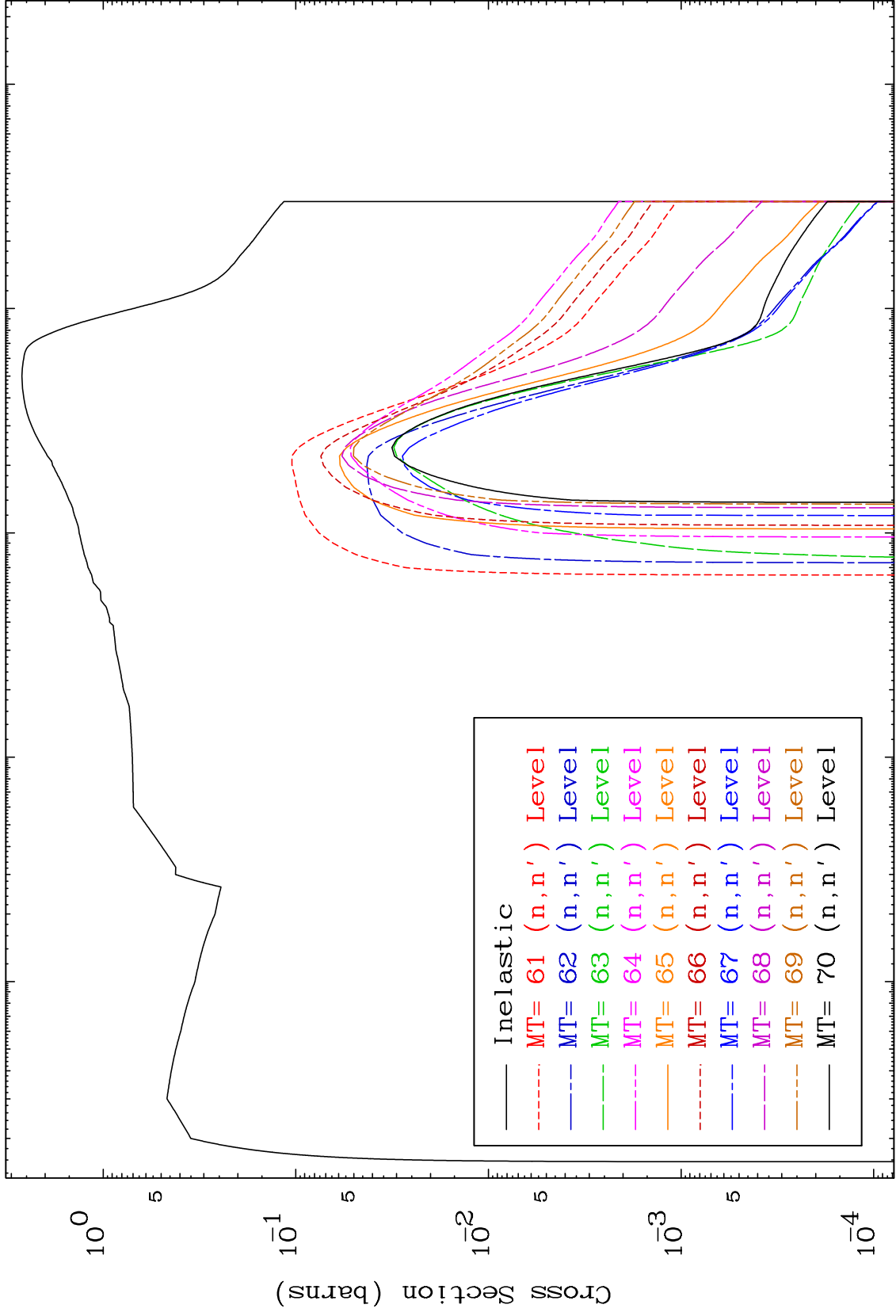
80-Hg-201



MAT 8040

(n,n') Levels  
293 Kelvin Cross Sections

80-Hg-201



5 10<sup>2</sup>

5 10<sup>1</sup>

5 10<sup>0</sup>

5 10<sup>-1</sup>

5 10<sup>-2</sup>

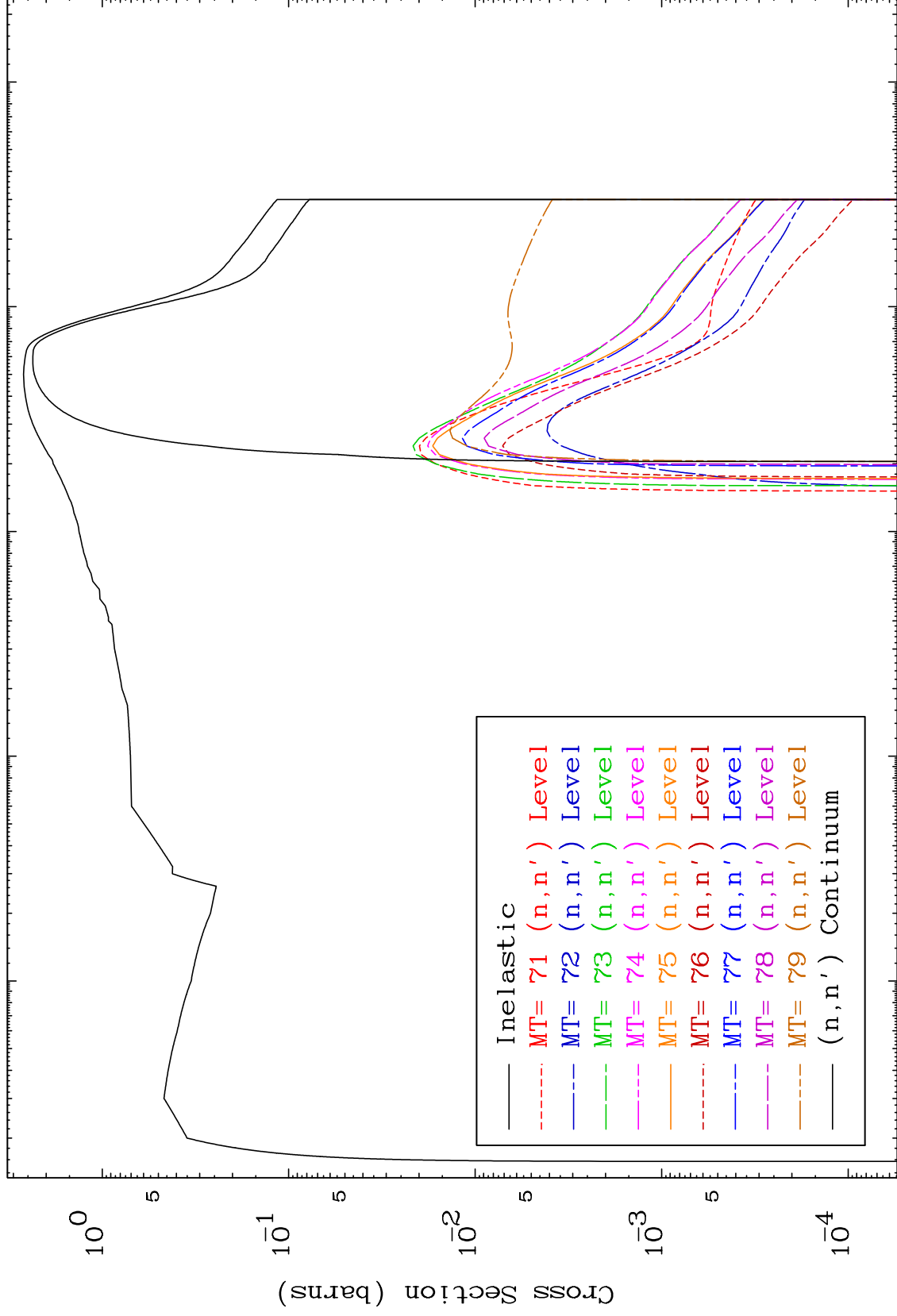
80-Hg-201

Incident Energy (MeV)

MAT 8040

80-Hg-201

(n,n') Levels  
293 Kelvin Cross Sections



10

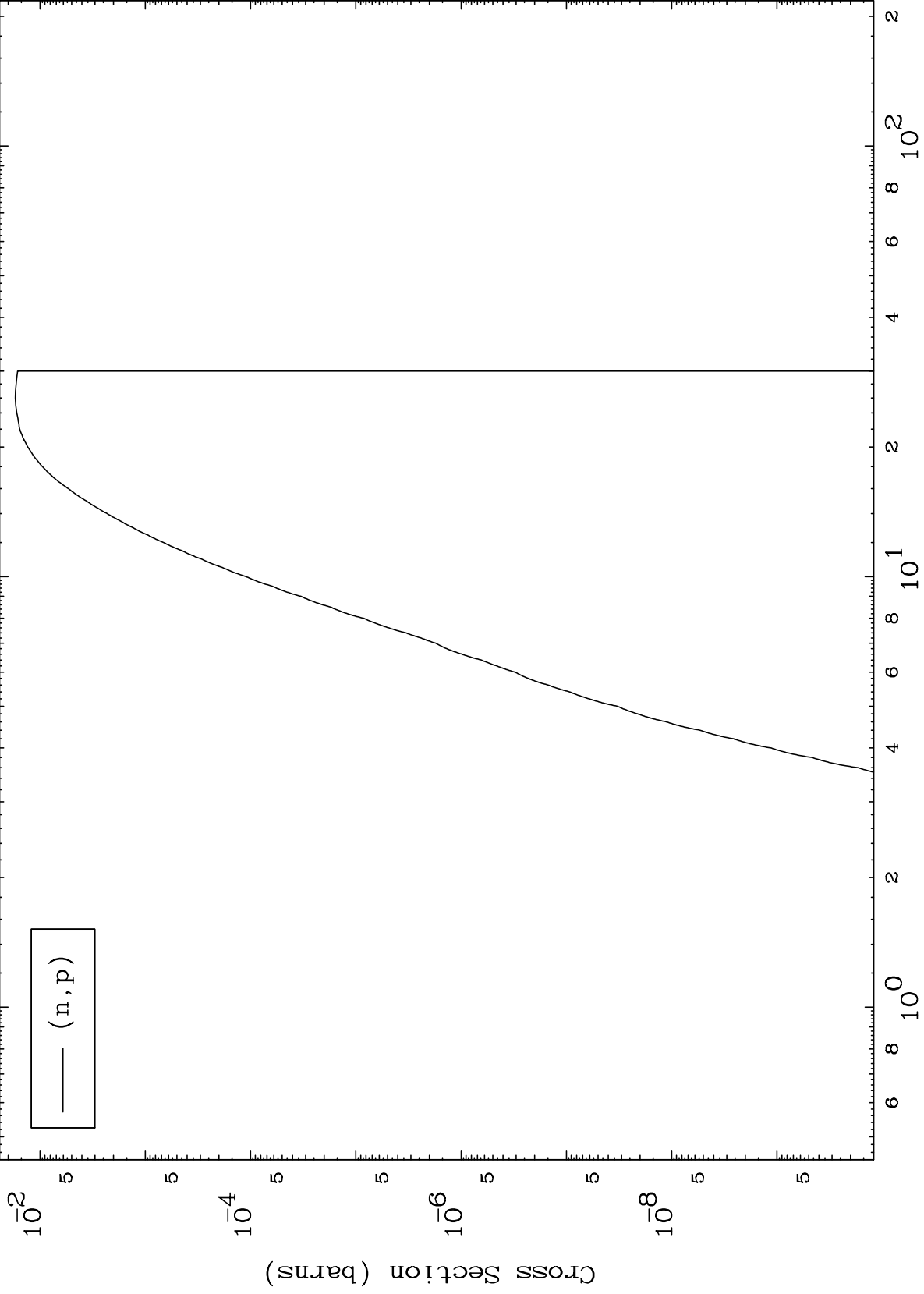
Incident Energy (MeV)

80-Hg-201

MAT 8040

(n,p) Levels  
293 Kelvin Cross Sections

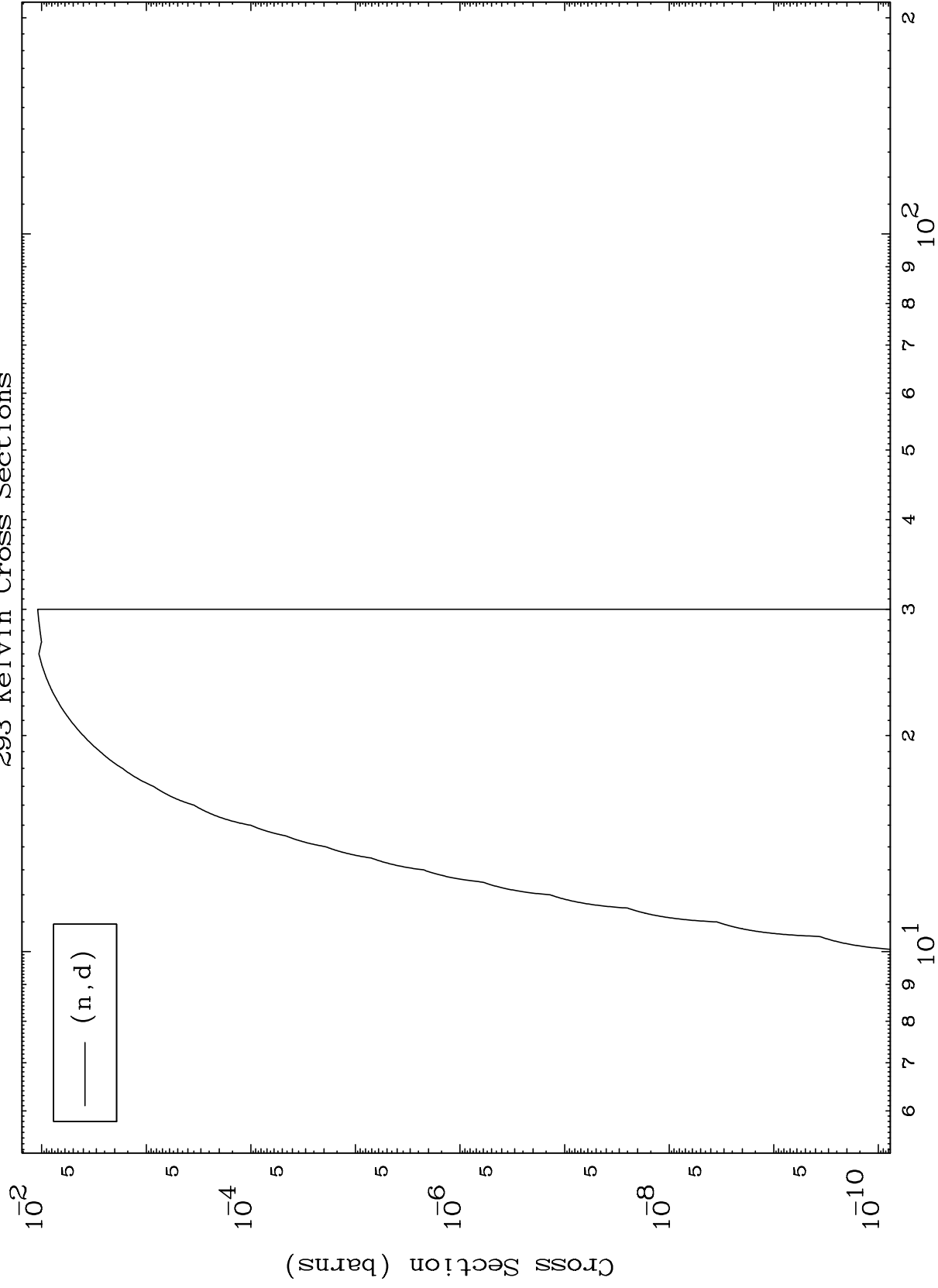
80-Hg-201



MAT 8040

(n,d) Levels  
293 Kelvin Cross Sections

80-Hg-201



12

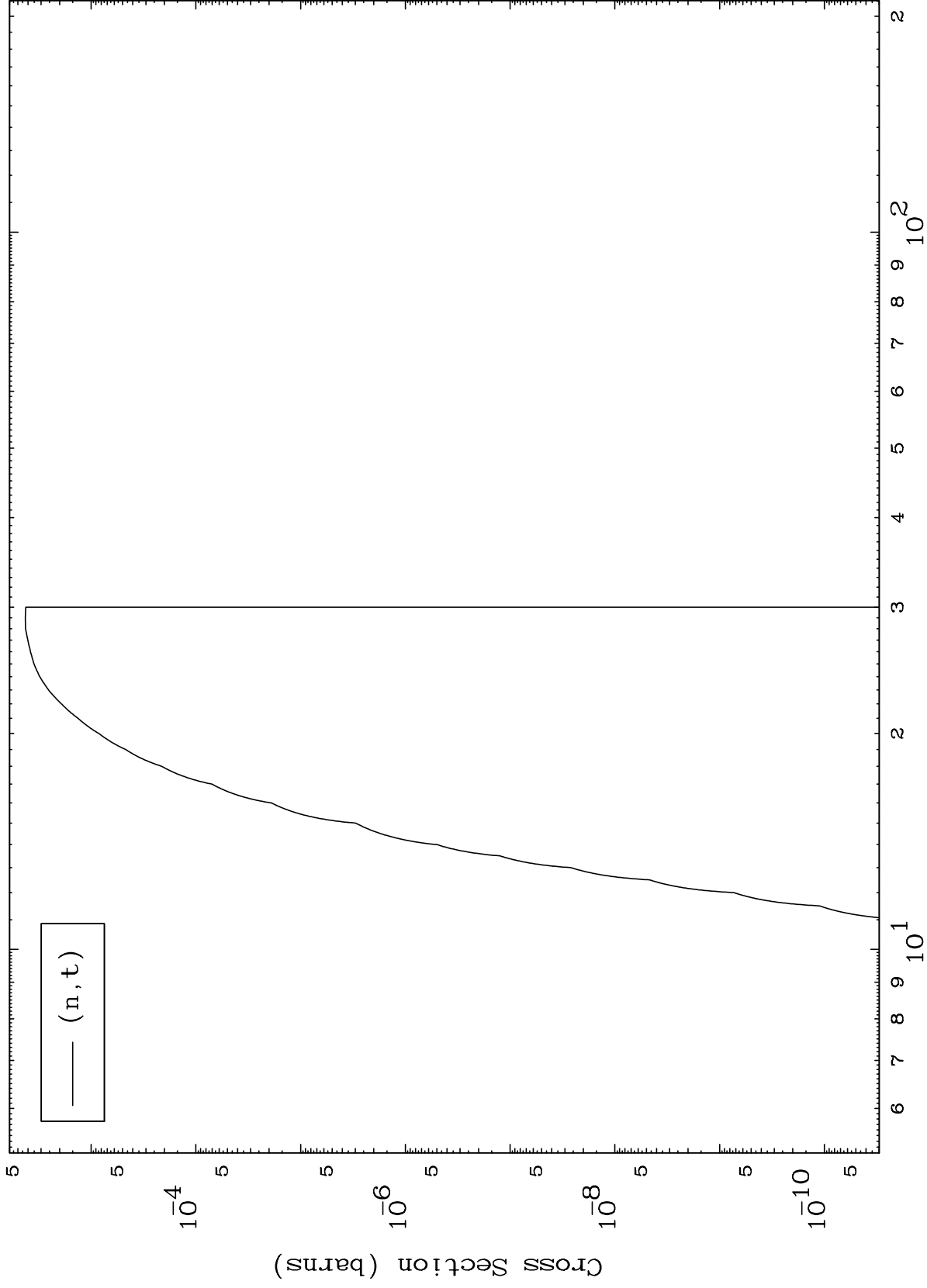
Incident Energy (MeV)

80-Hg-201

MAT 8040

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-201



13

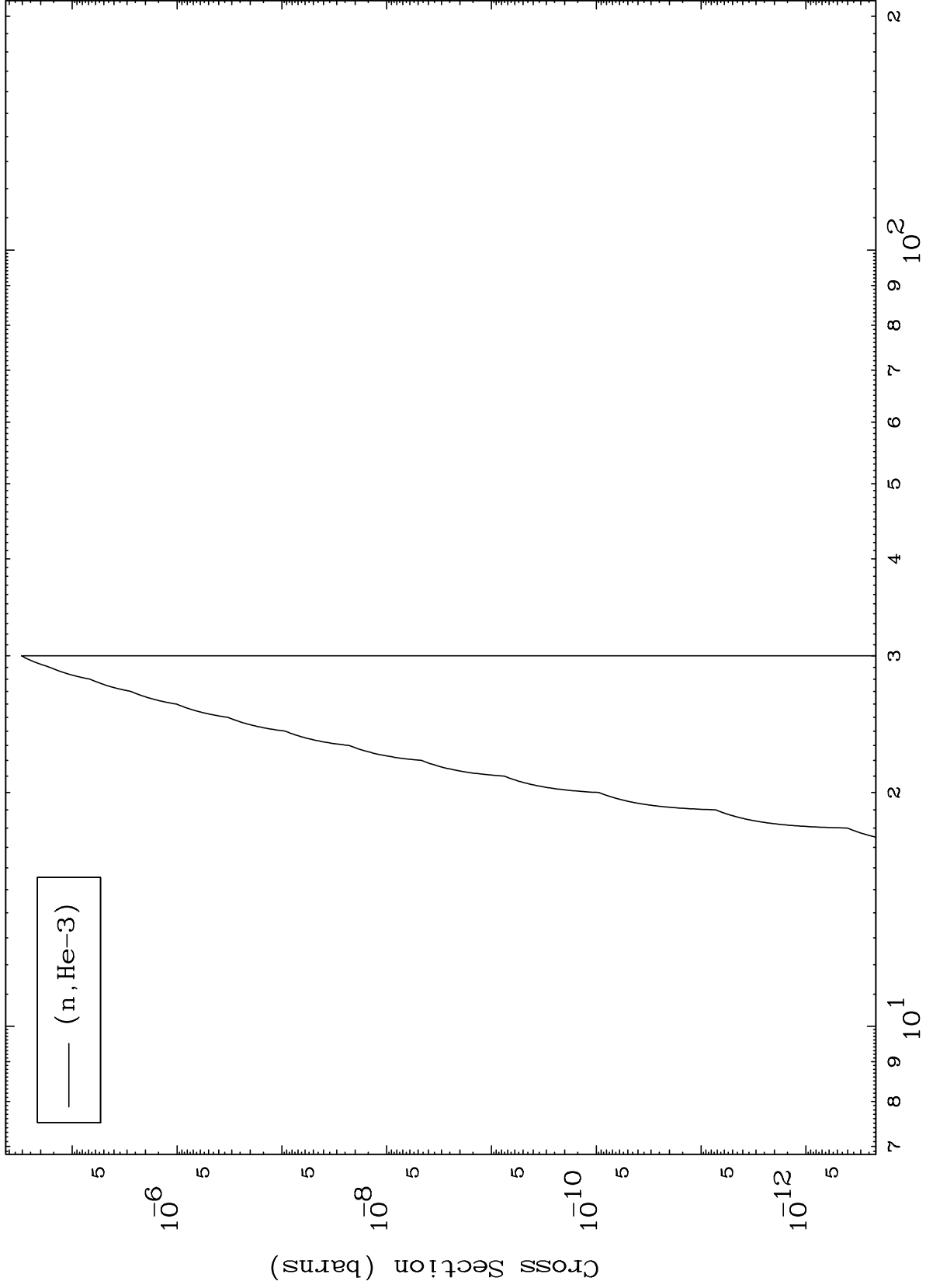
Incident Energy (MeV)

80-Hg-201

MAT 8040

(n,He3) Levels  
293 Kelvin Cross Sections

80-Hg-201



14

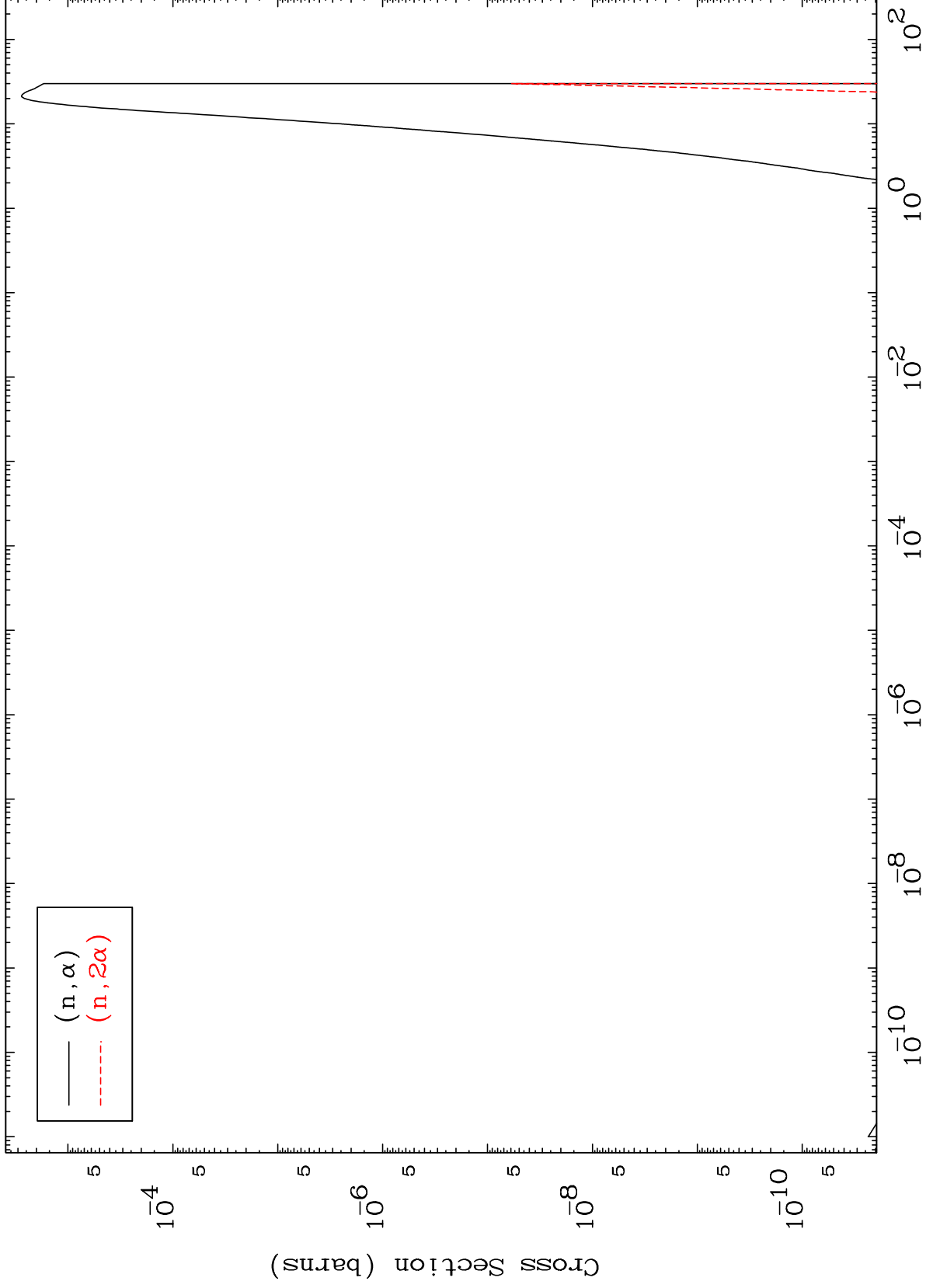
Incident Energy (MeV)

80-Hg-201

MAT 8040

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

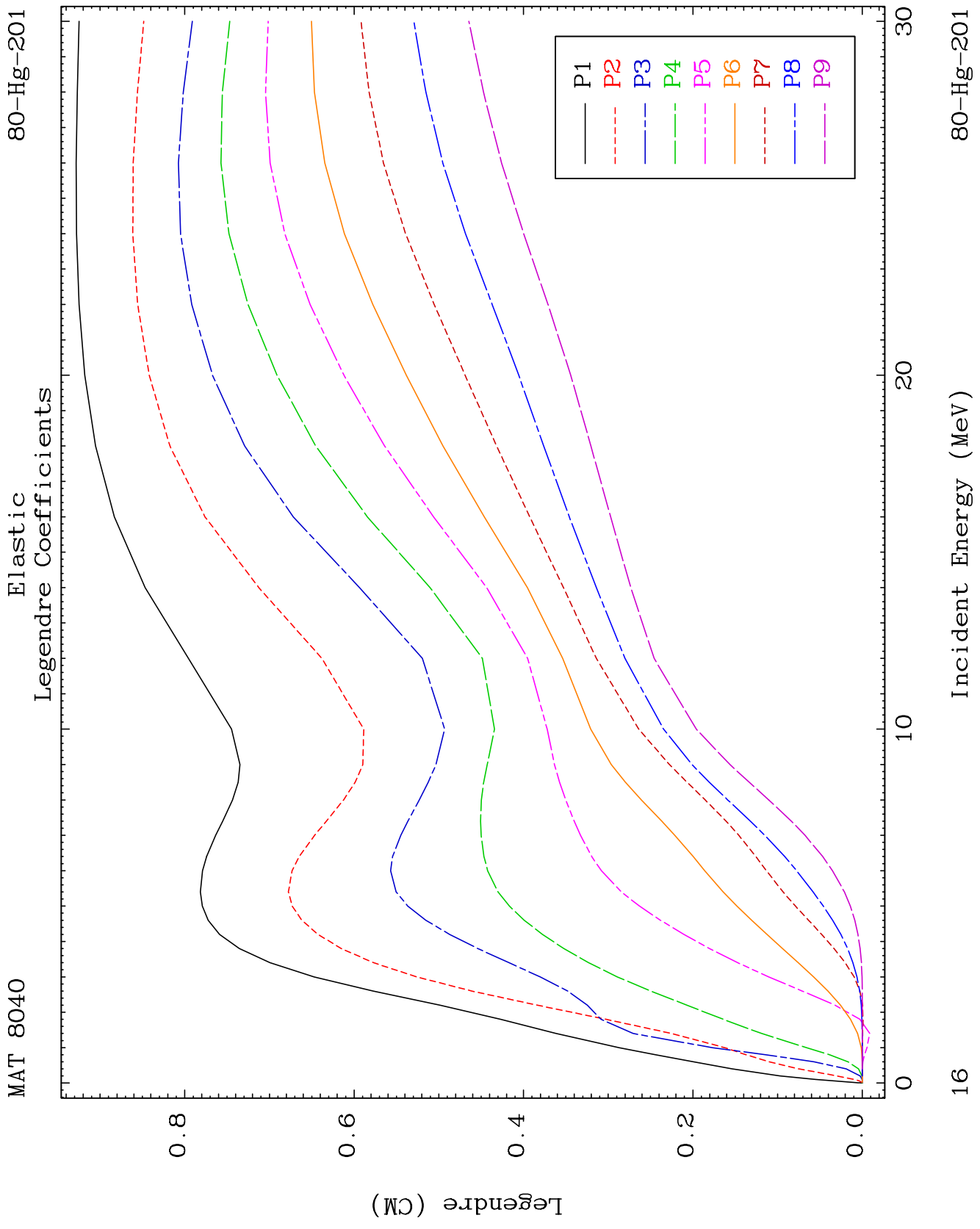
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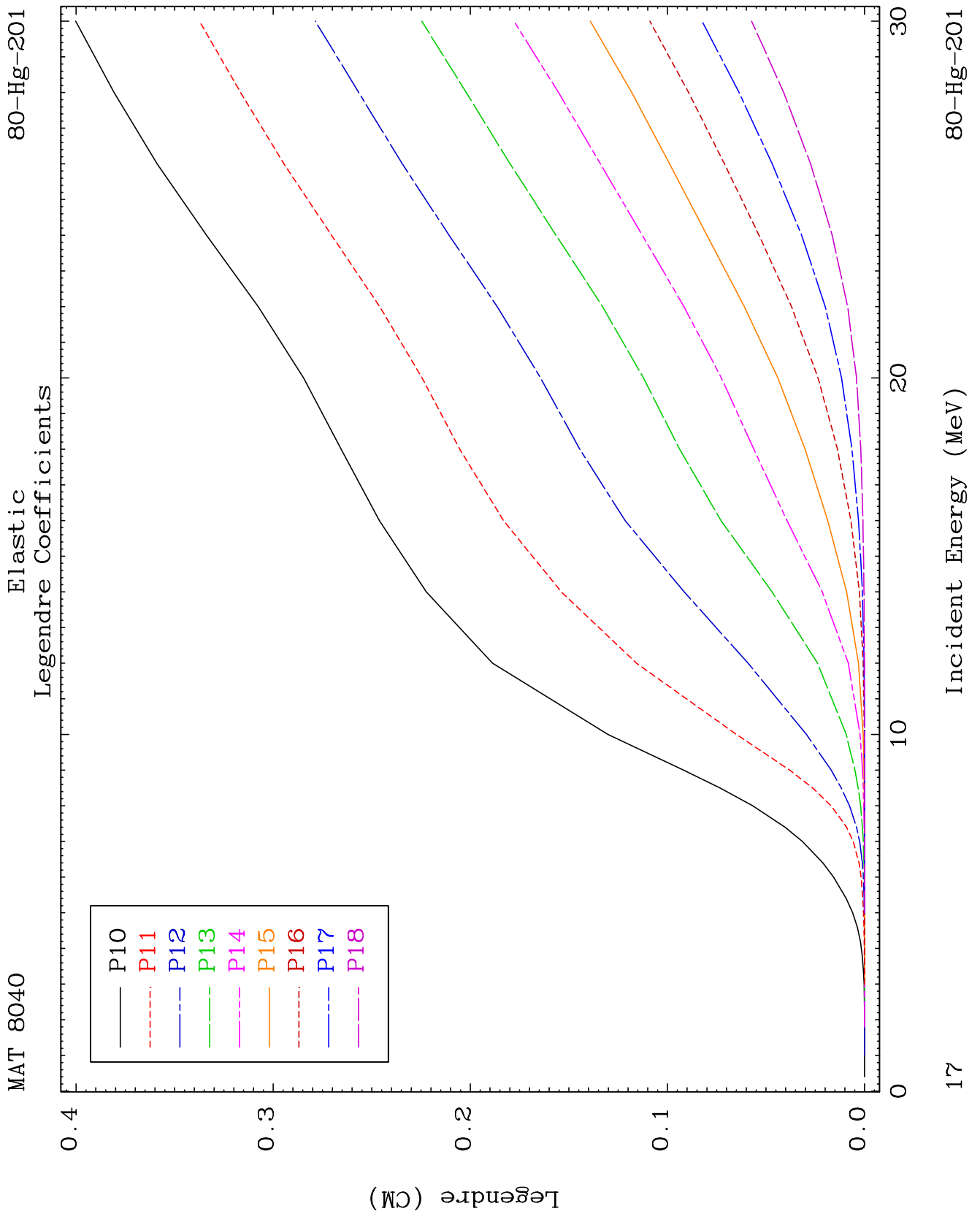


15

Incident Energy (MeV)

80-Hg-201

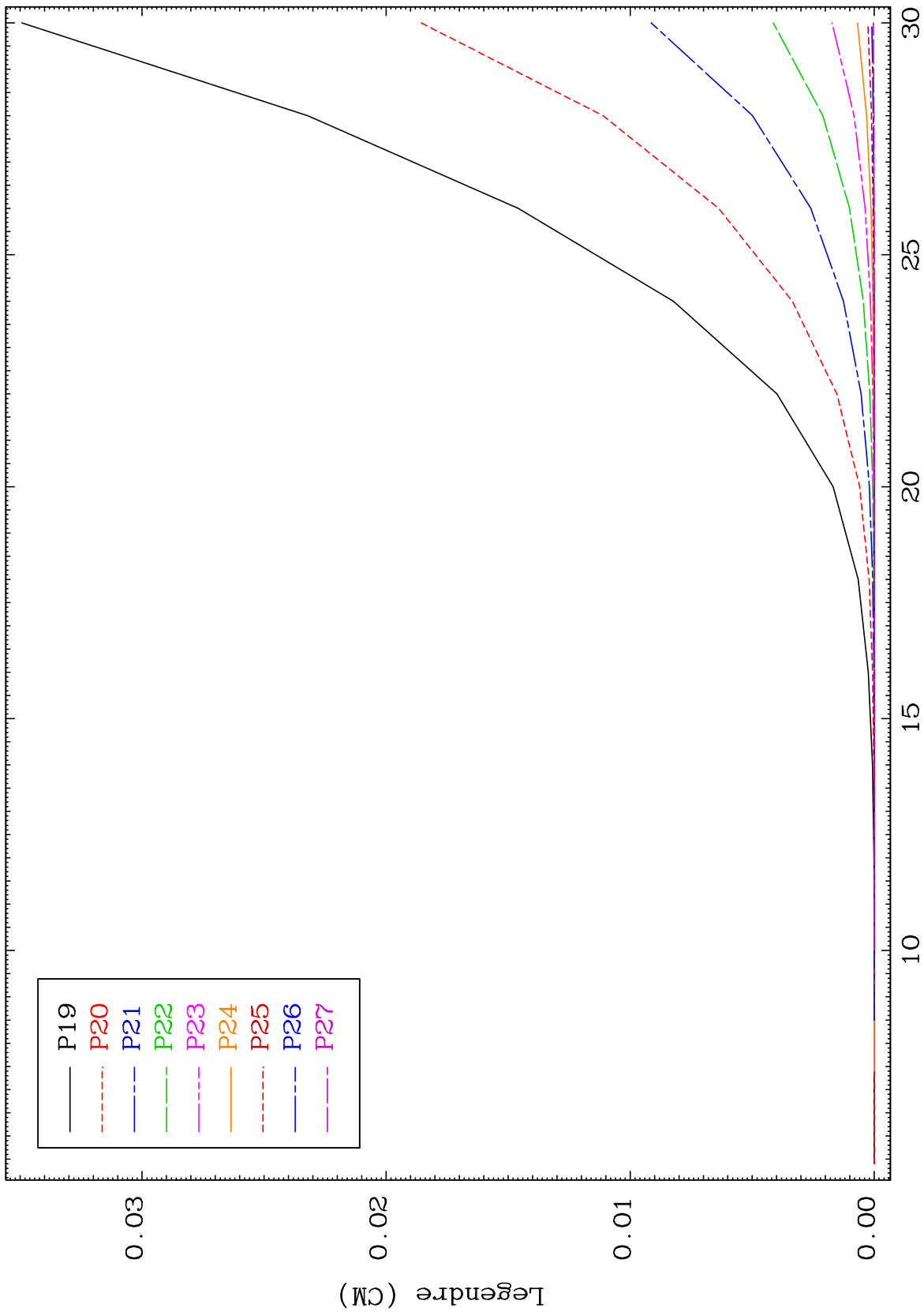




MAT 8040

Elastic Legendre Coefficients

80-Hg-201



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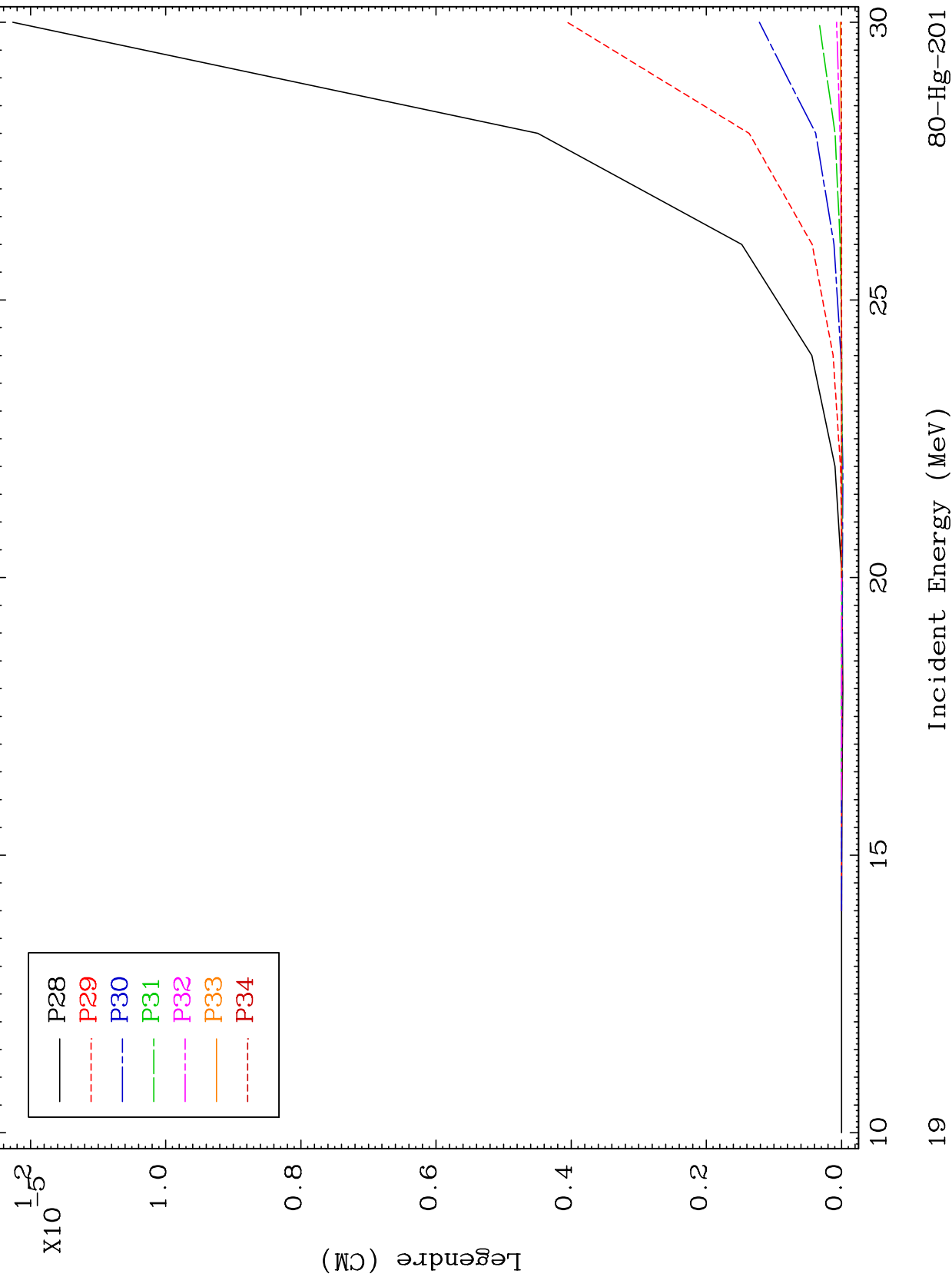
Incident Energy (MeV)

80-Hg-201

MAT 8040

Elastic Legendre Coefficients

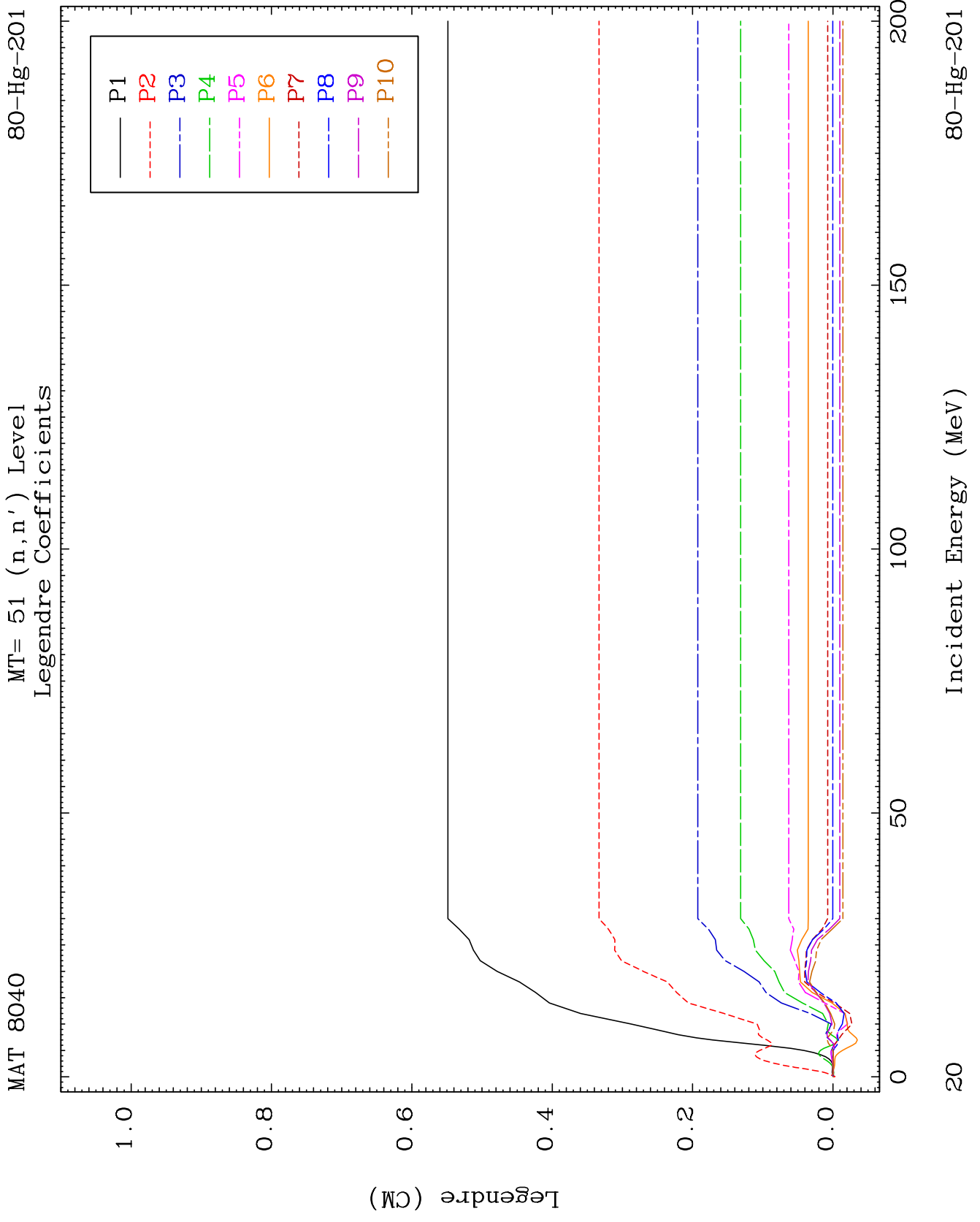
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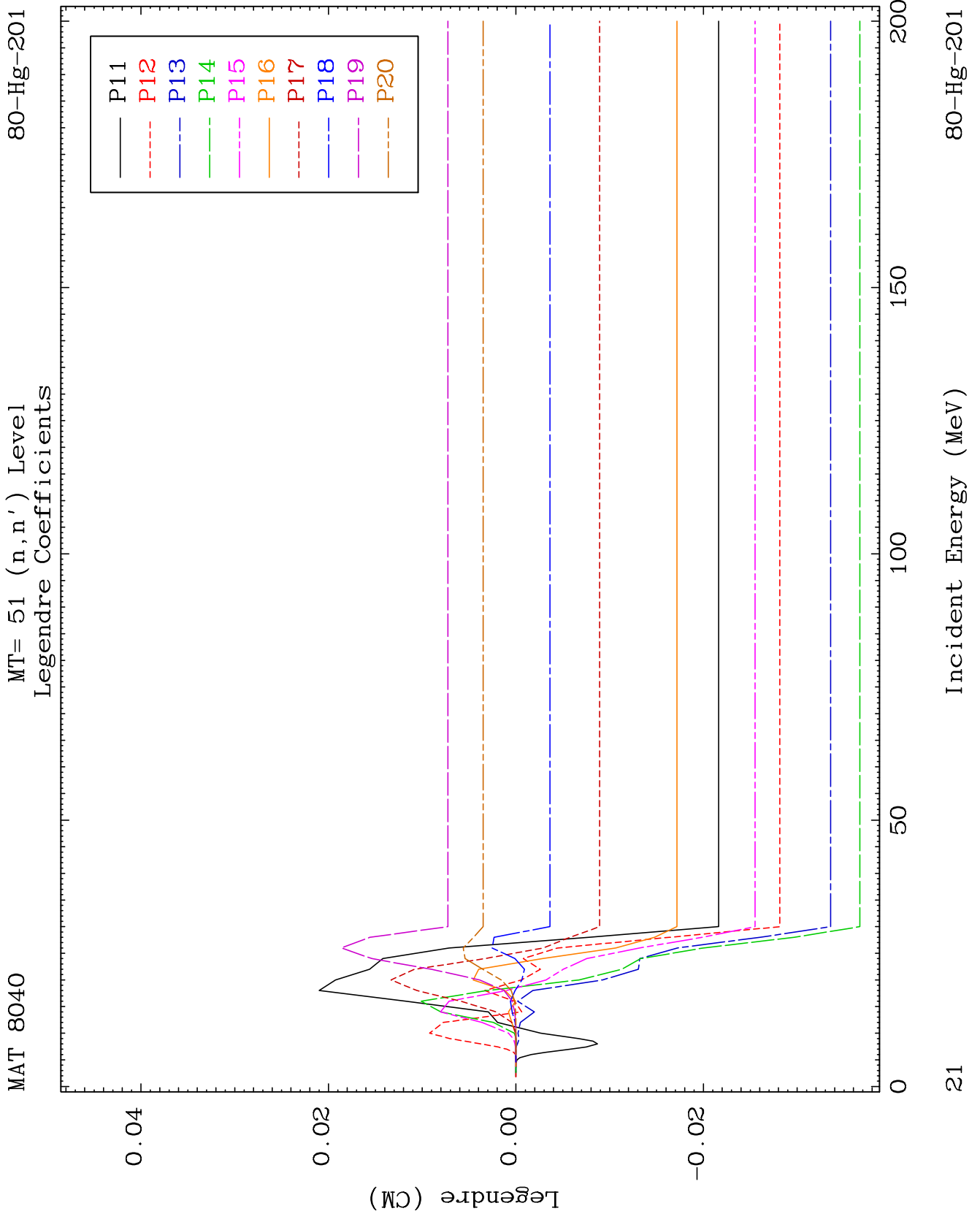


19

Incident Energy (MeV)

80-Hg-201

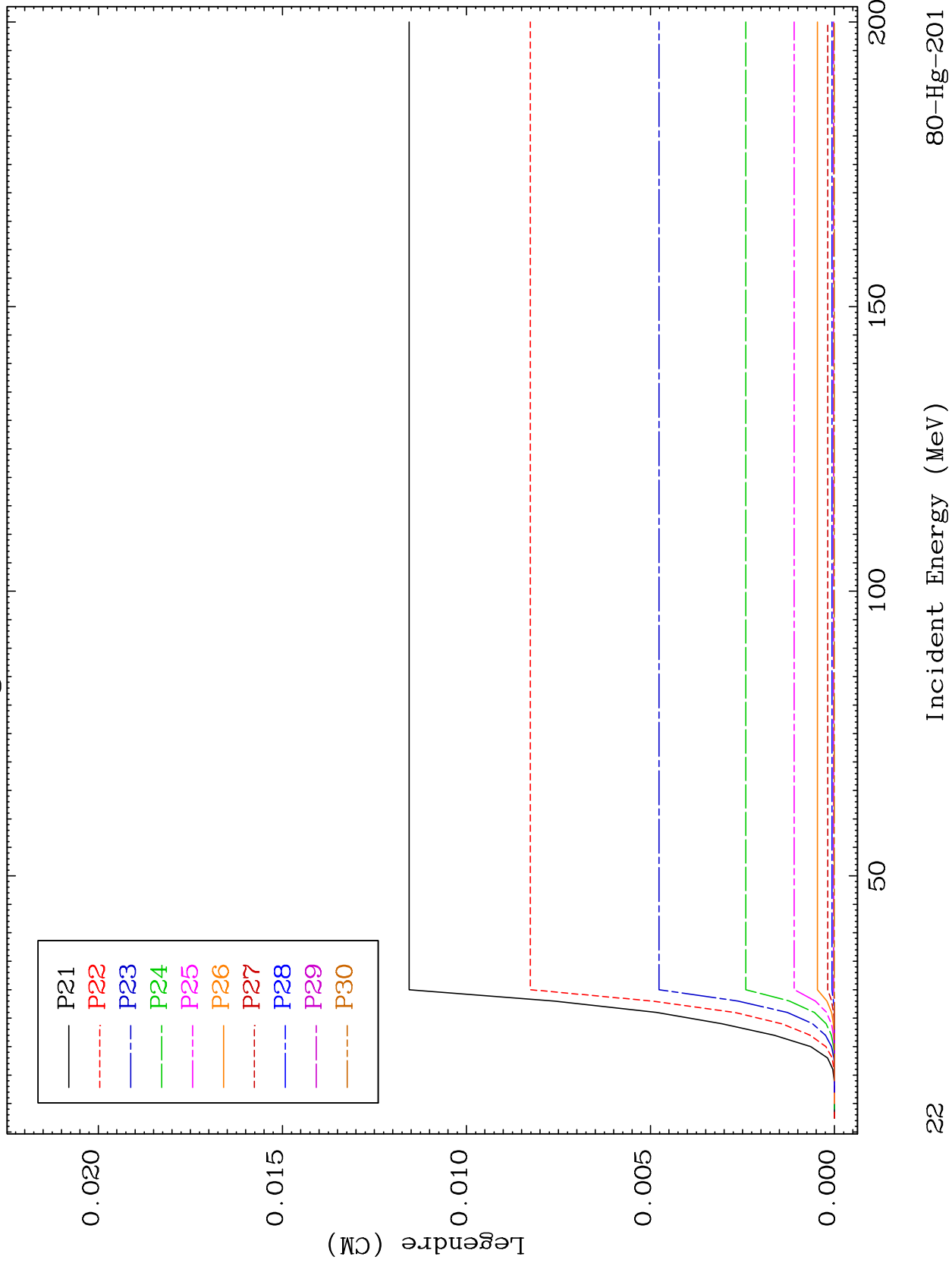




MAT 8040

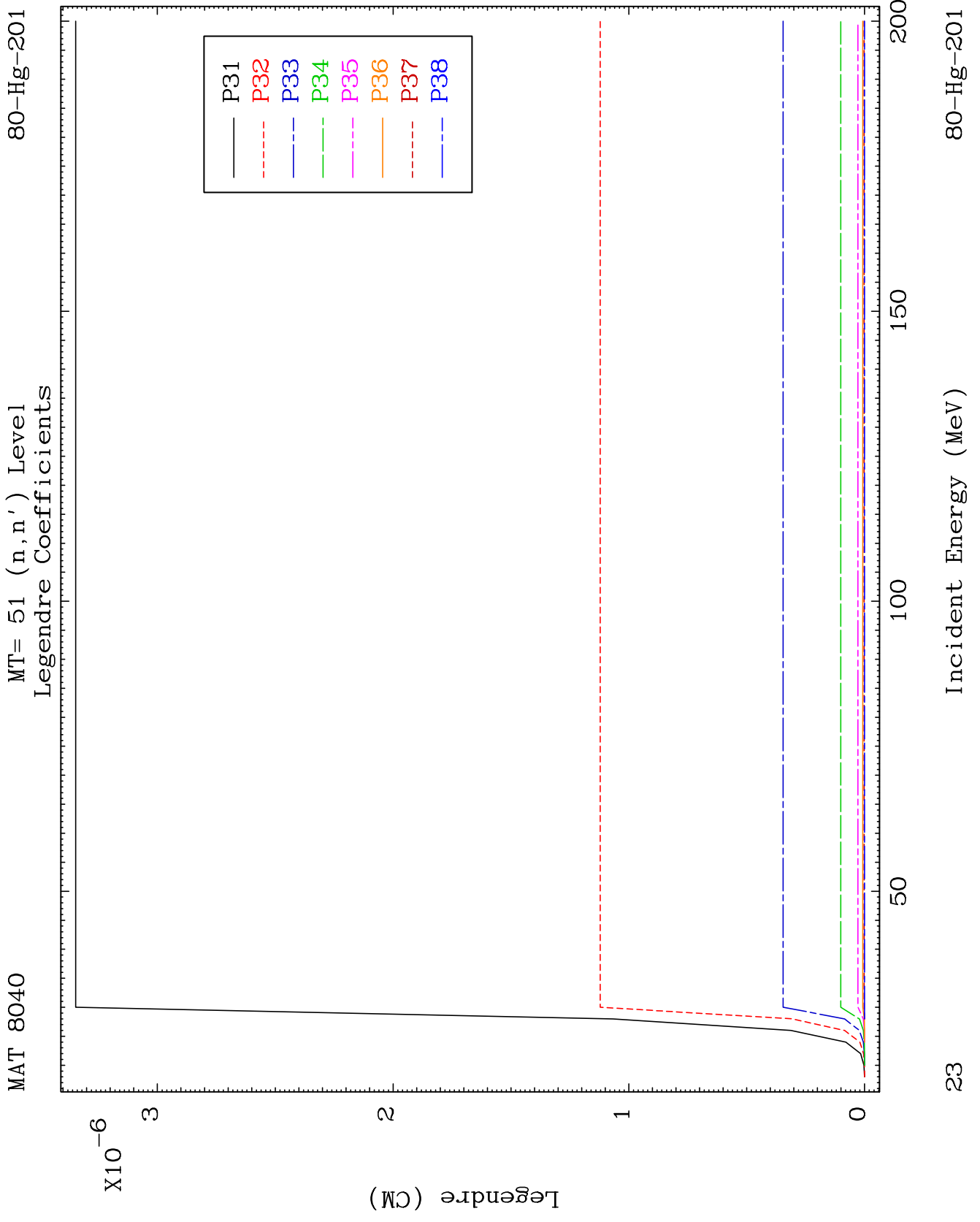
MT= 51 (n,n') Level  
Legendre Coefficients

80-Hg-201



22

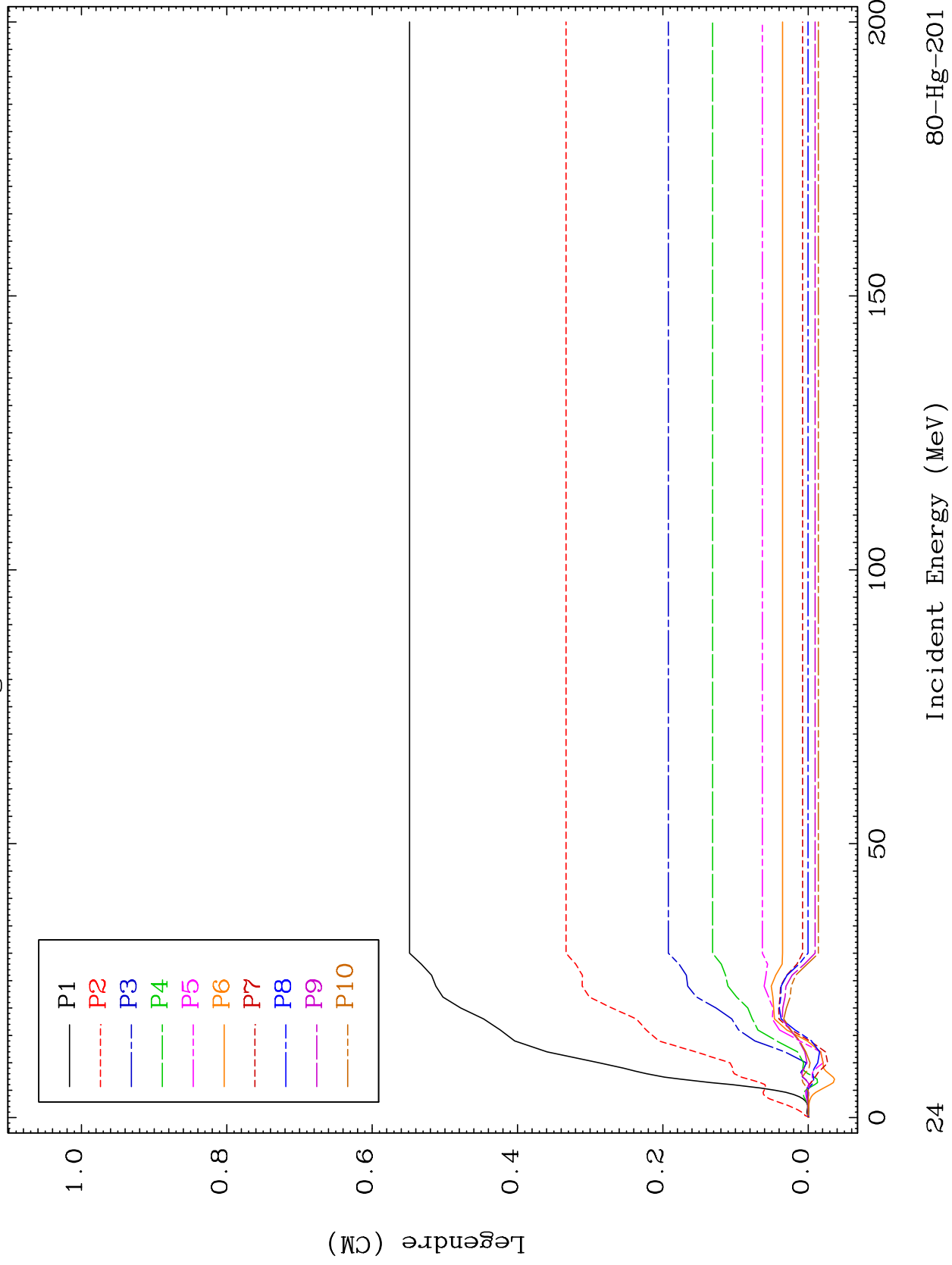
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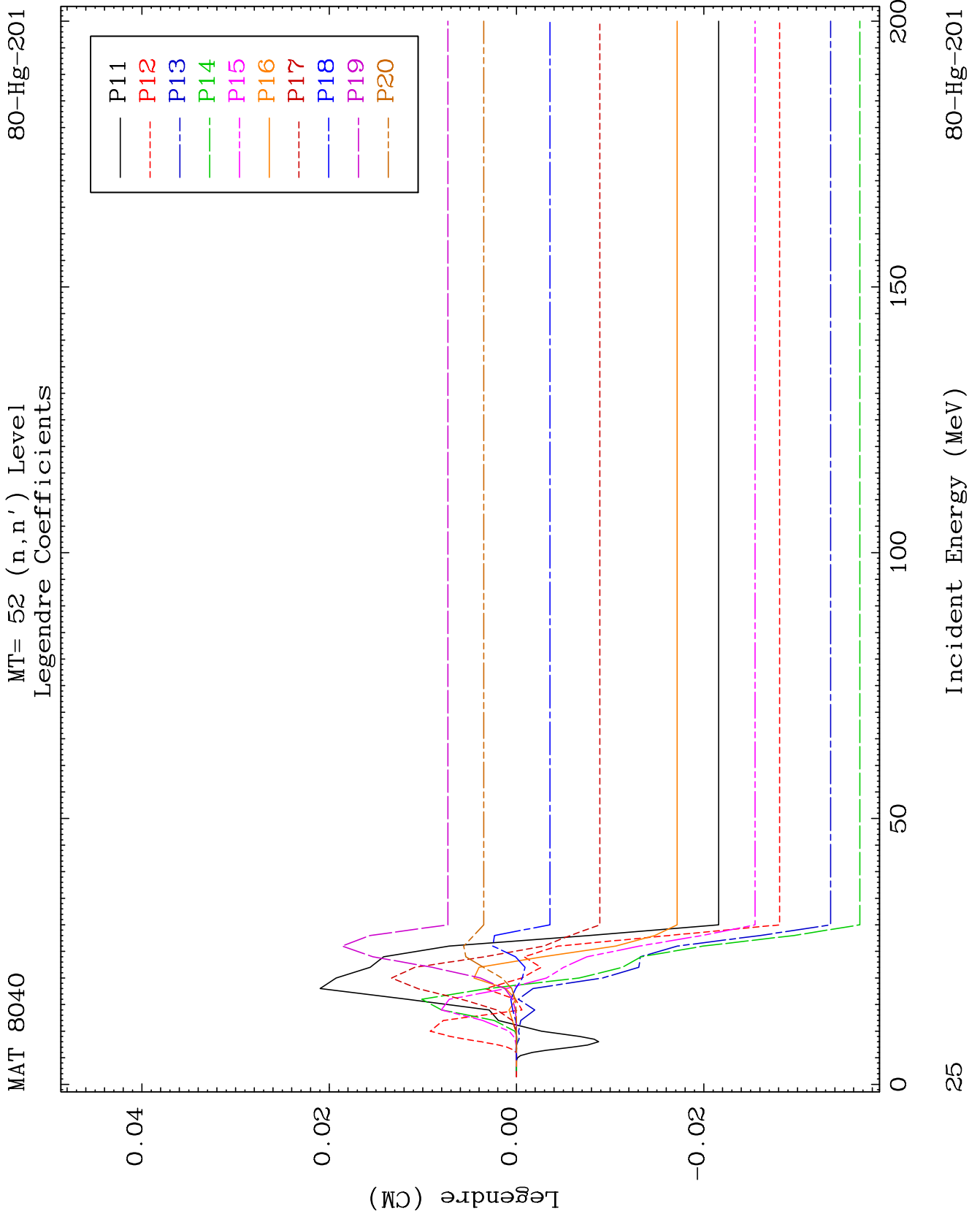
MAT 8040

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

80-Hg-201



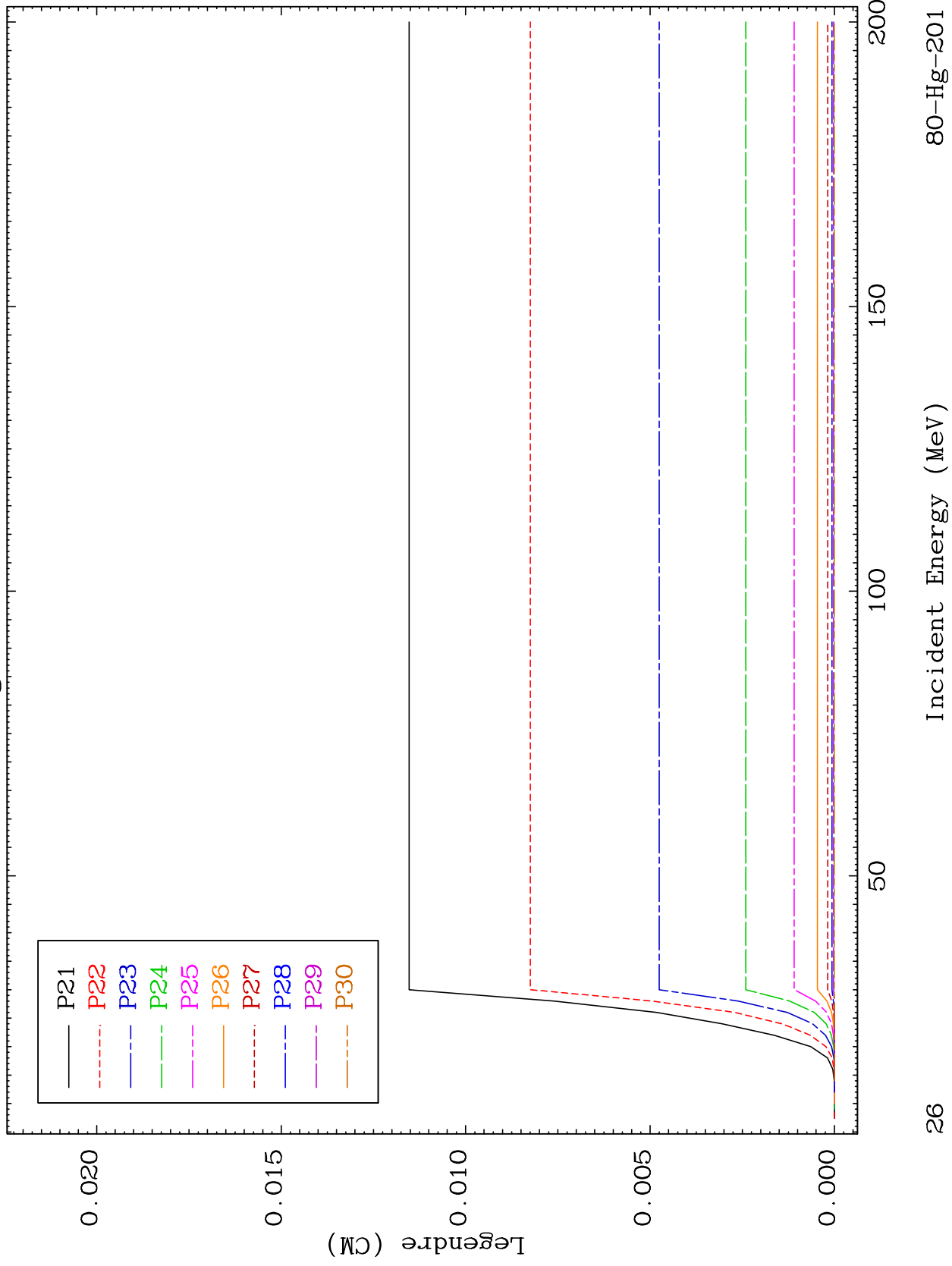
24



MAT 8040

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

80-Hg-201



26

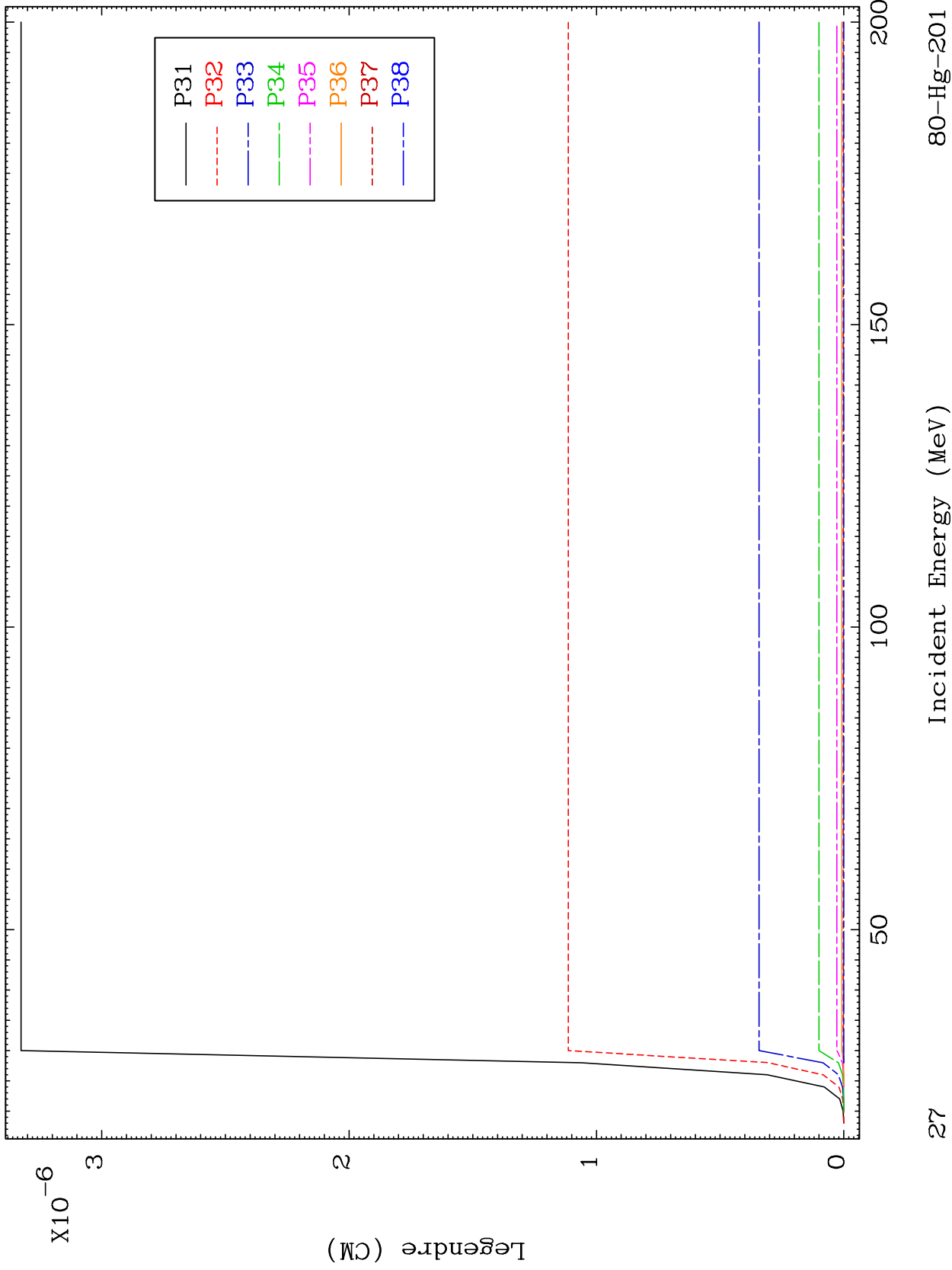
Incident Energy (MeV)

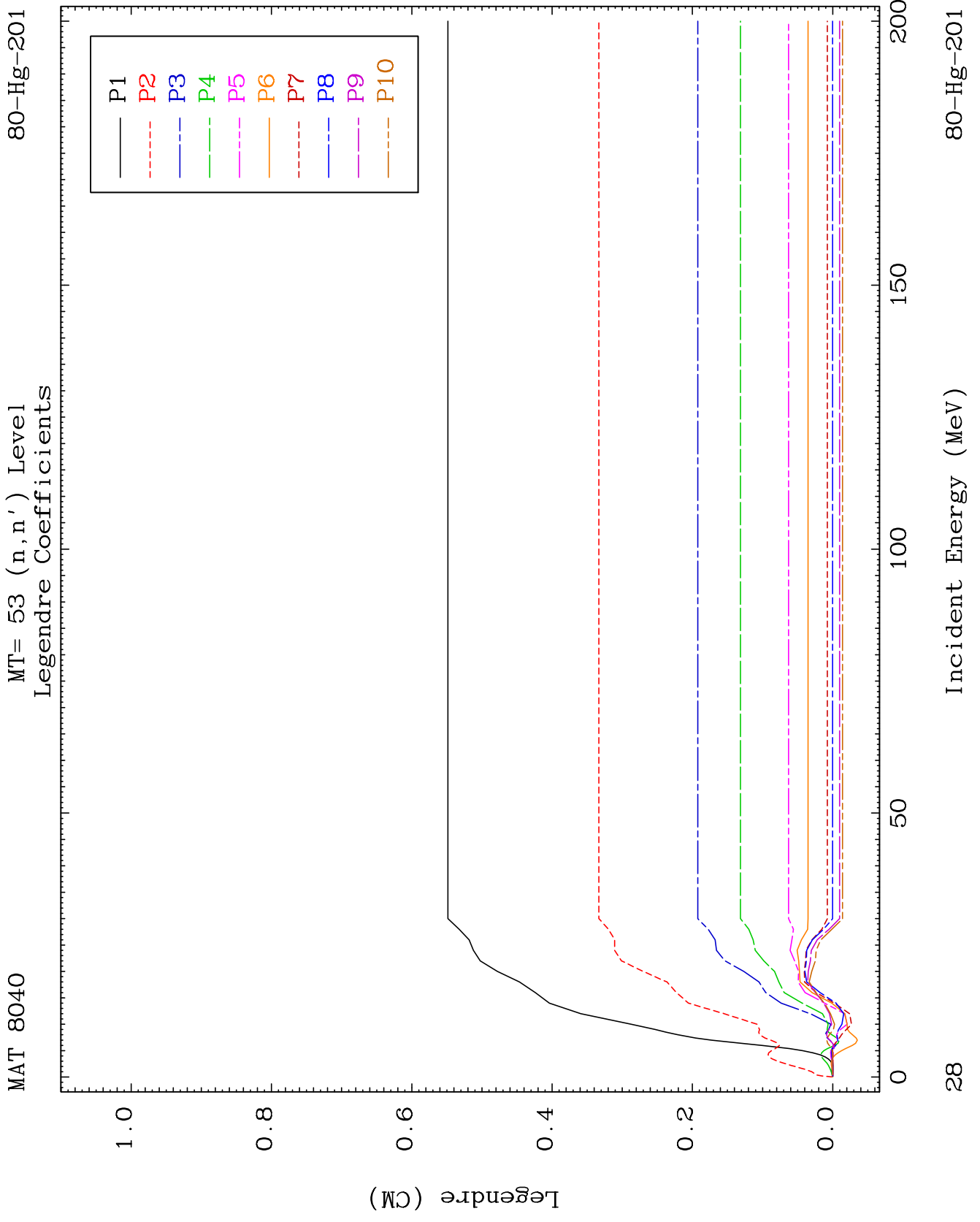
80-Hg-201

MAT 8040

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

80-Hg-201

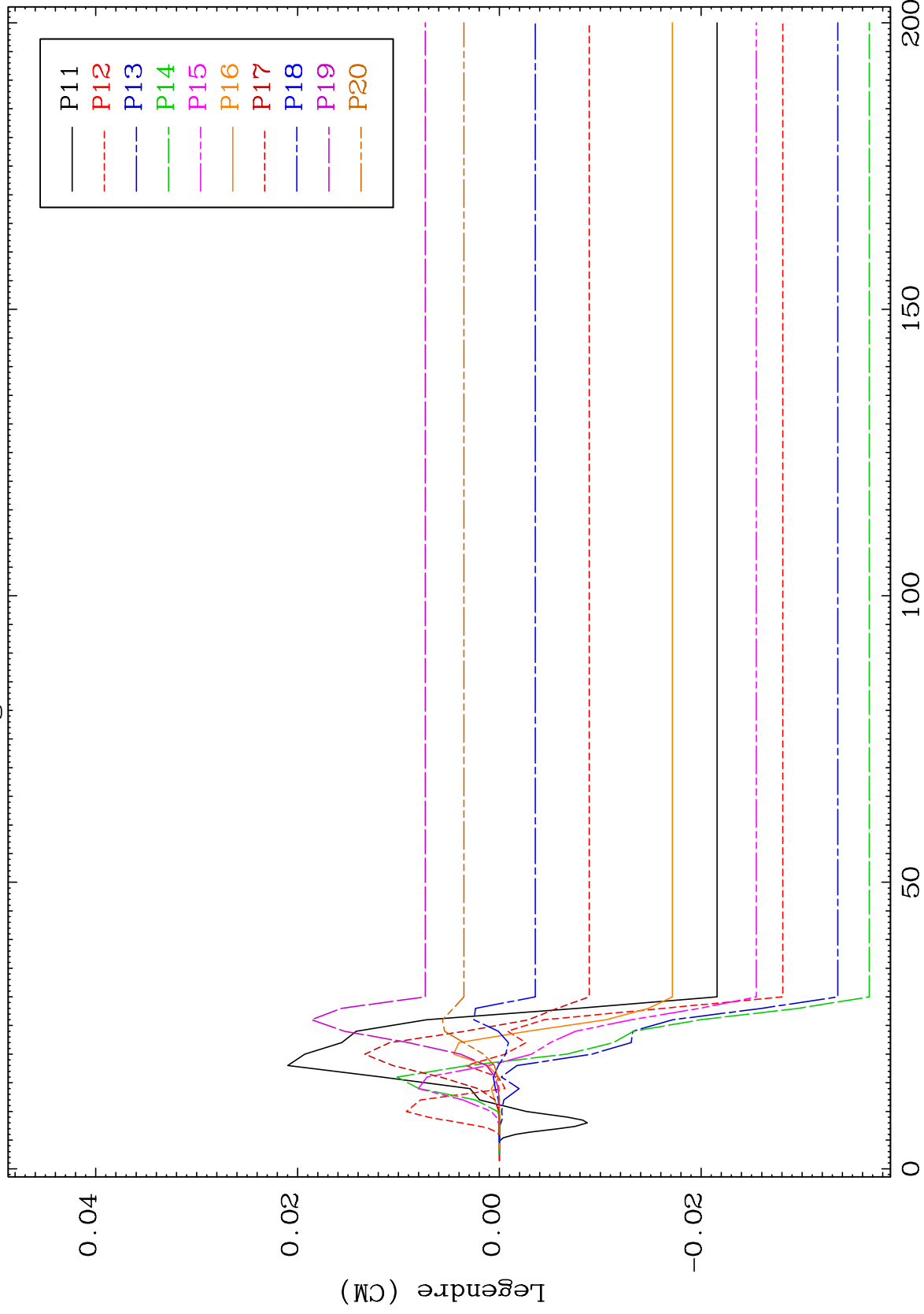




MAT 8040

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

80-Hg-201



29

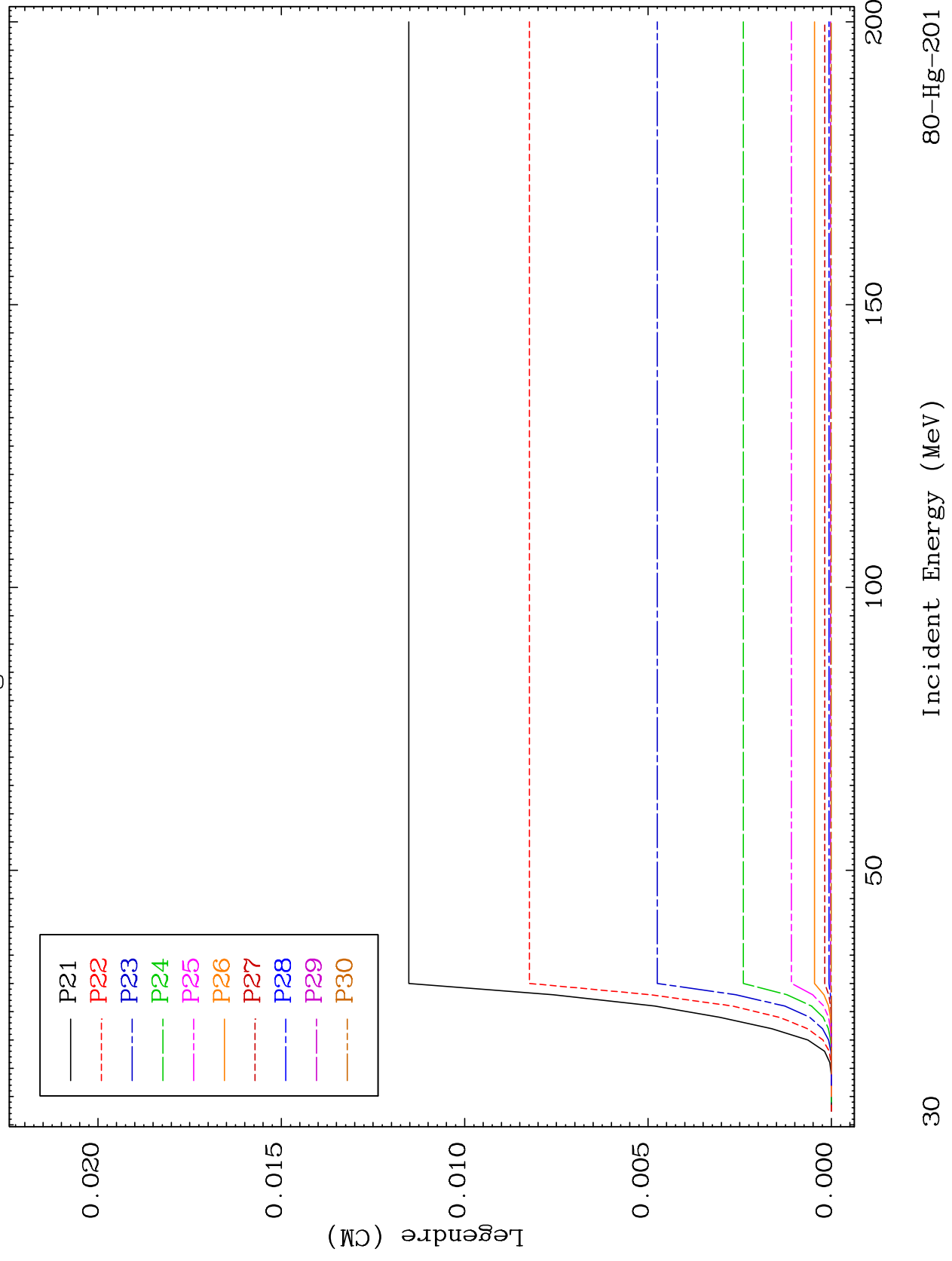
Incident Energy (MeV)

80-Hg-201

MAT 8040

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

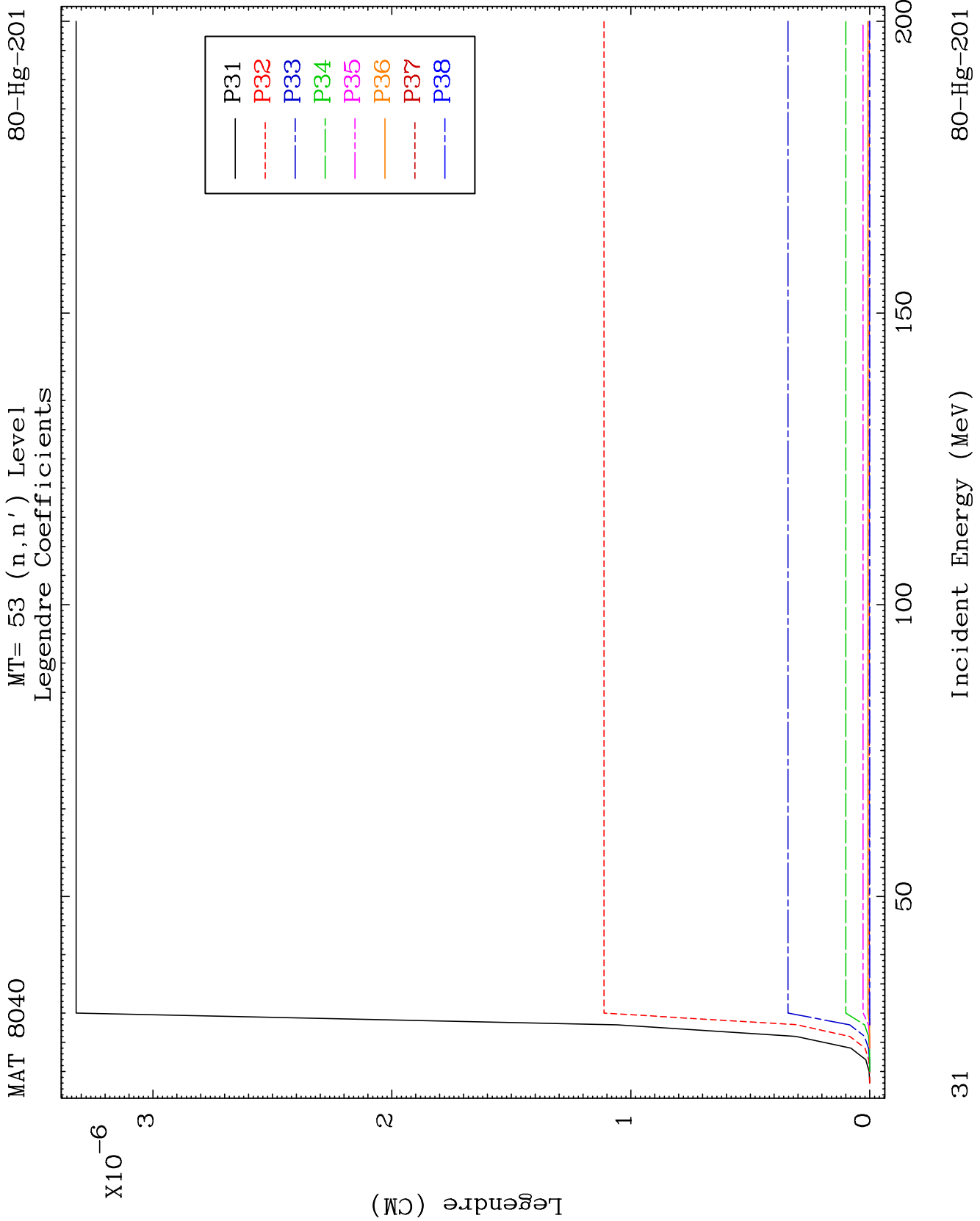
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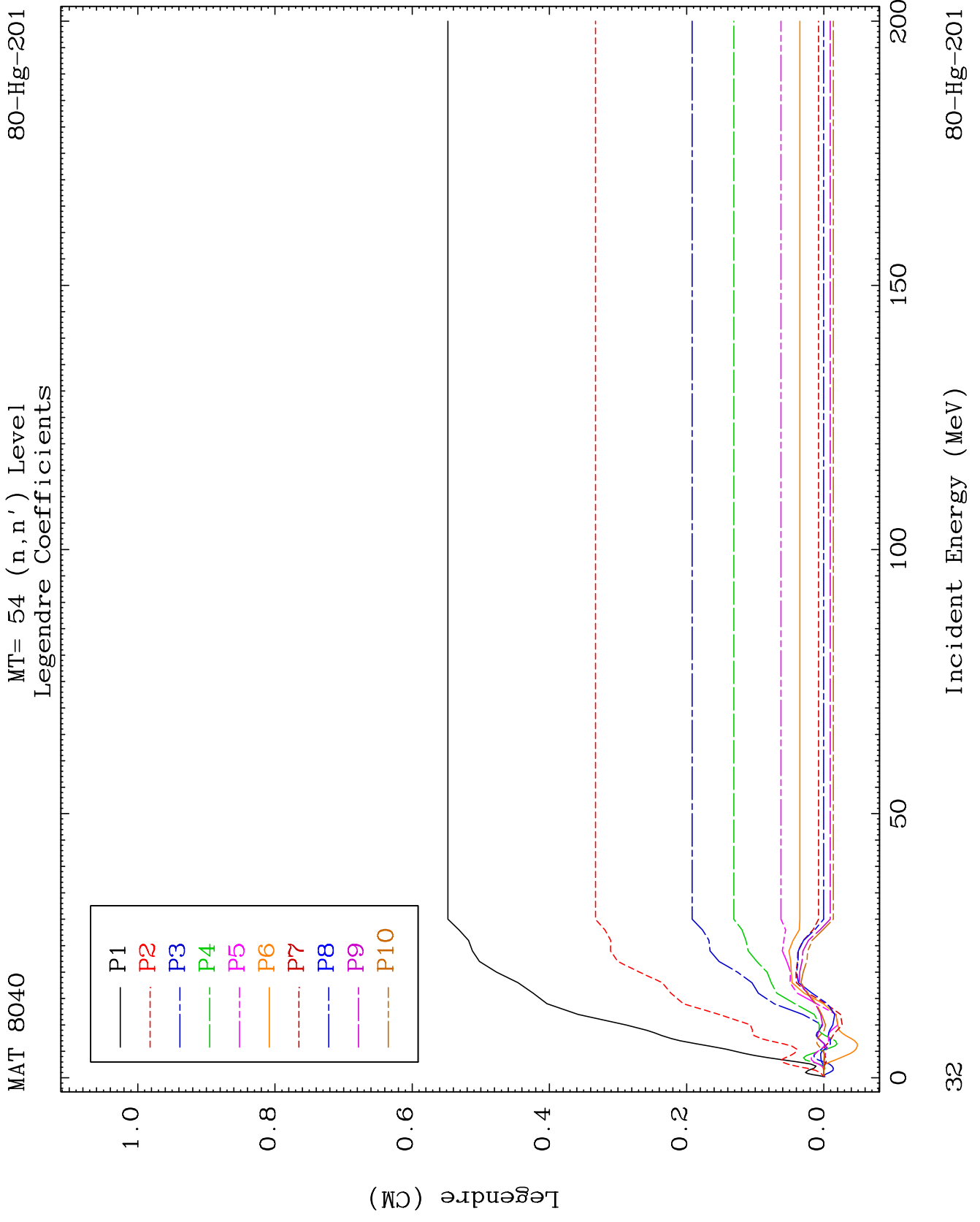


30

Incident Energy (MeV)

80-Hg-201



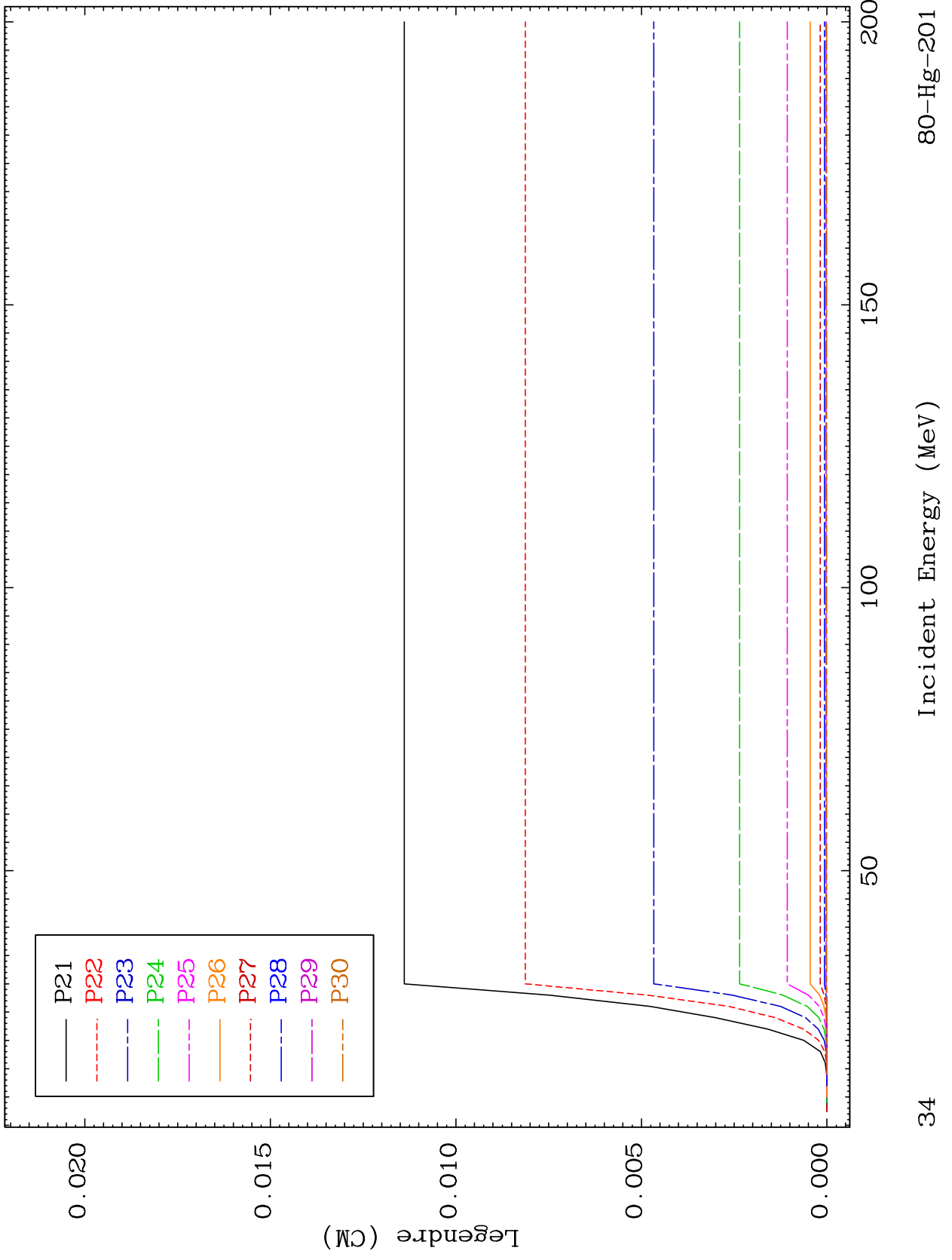


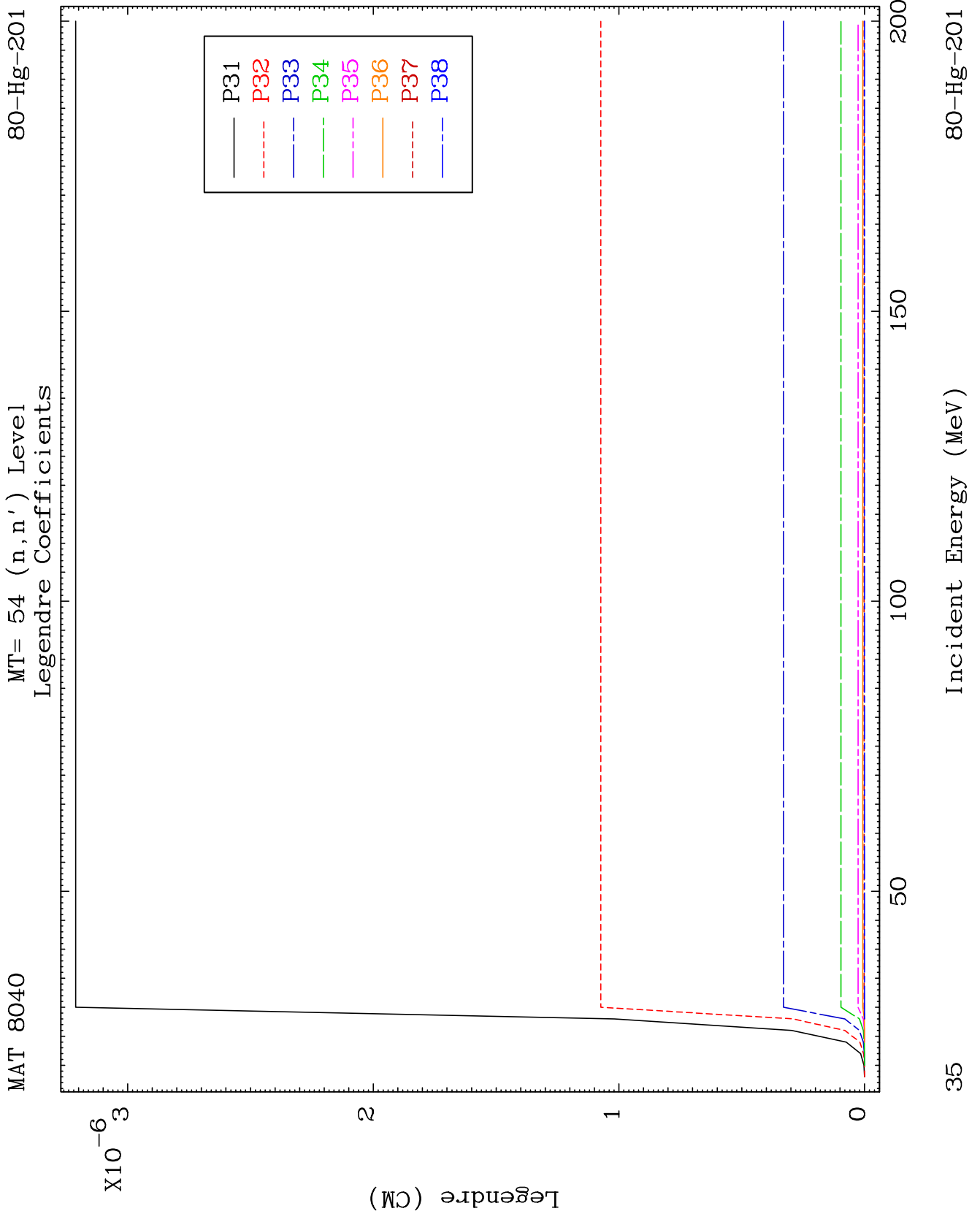


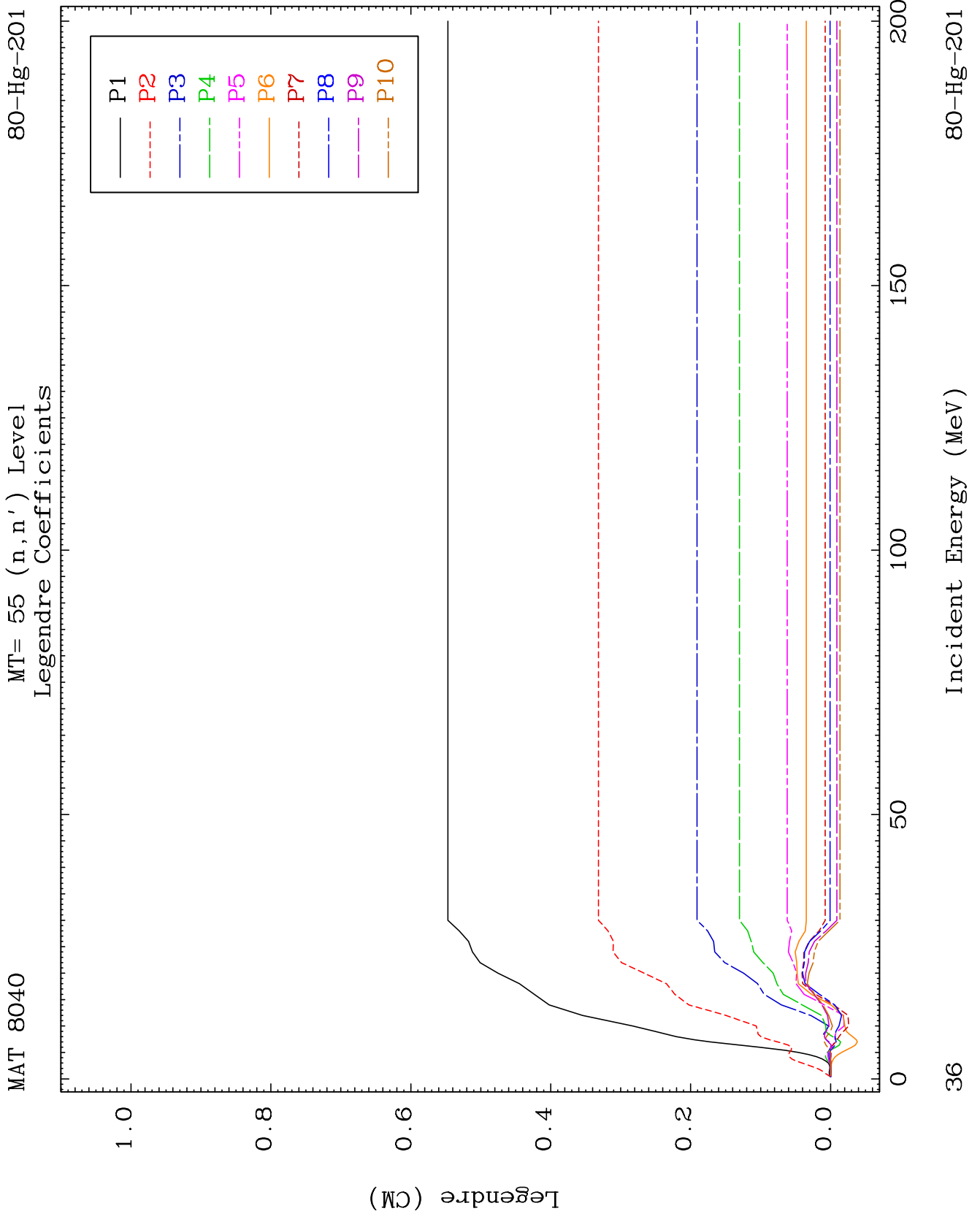
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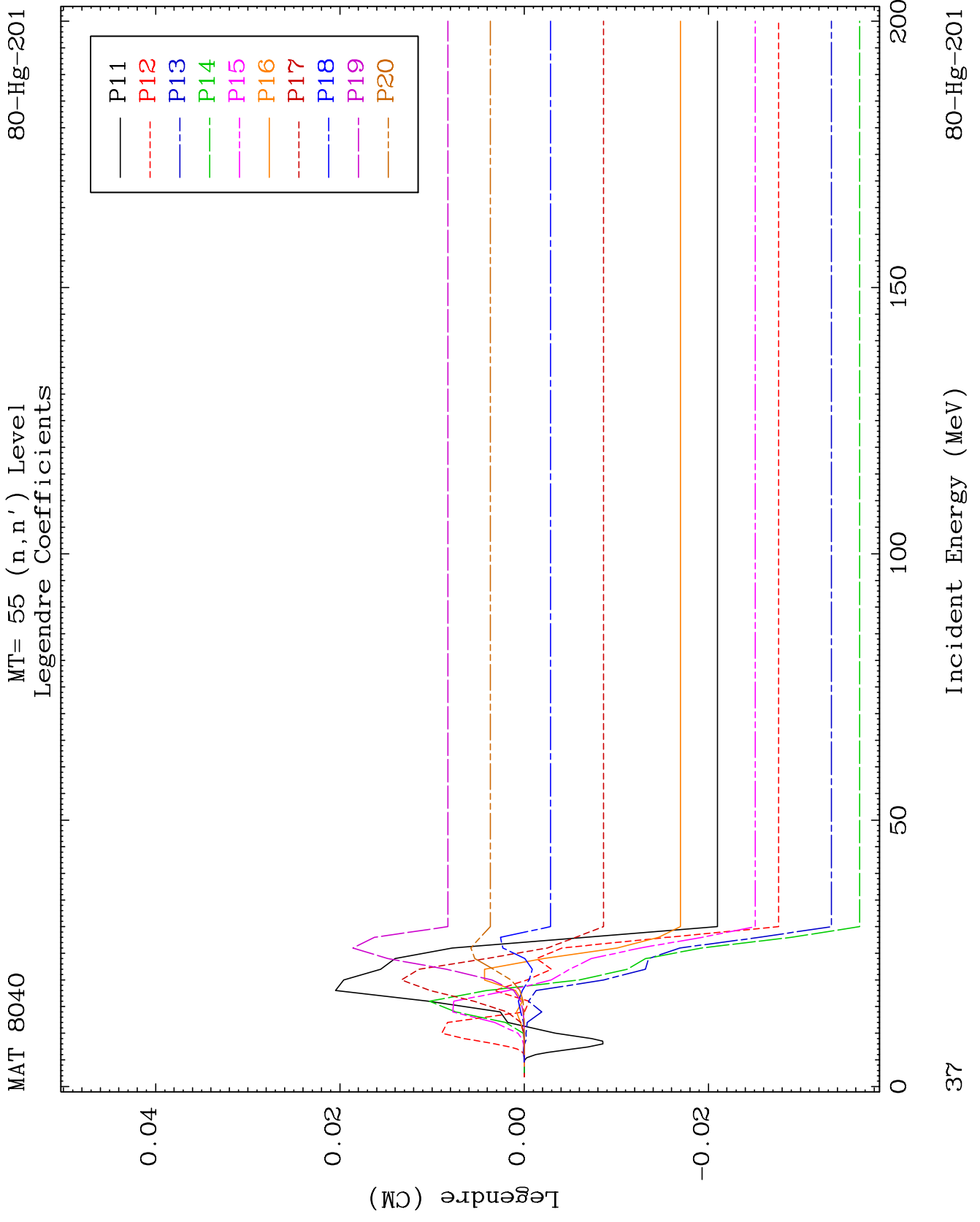
MT= 54 (n,n') Level  
Legendre Coefficients

80-Hg-201





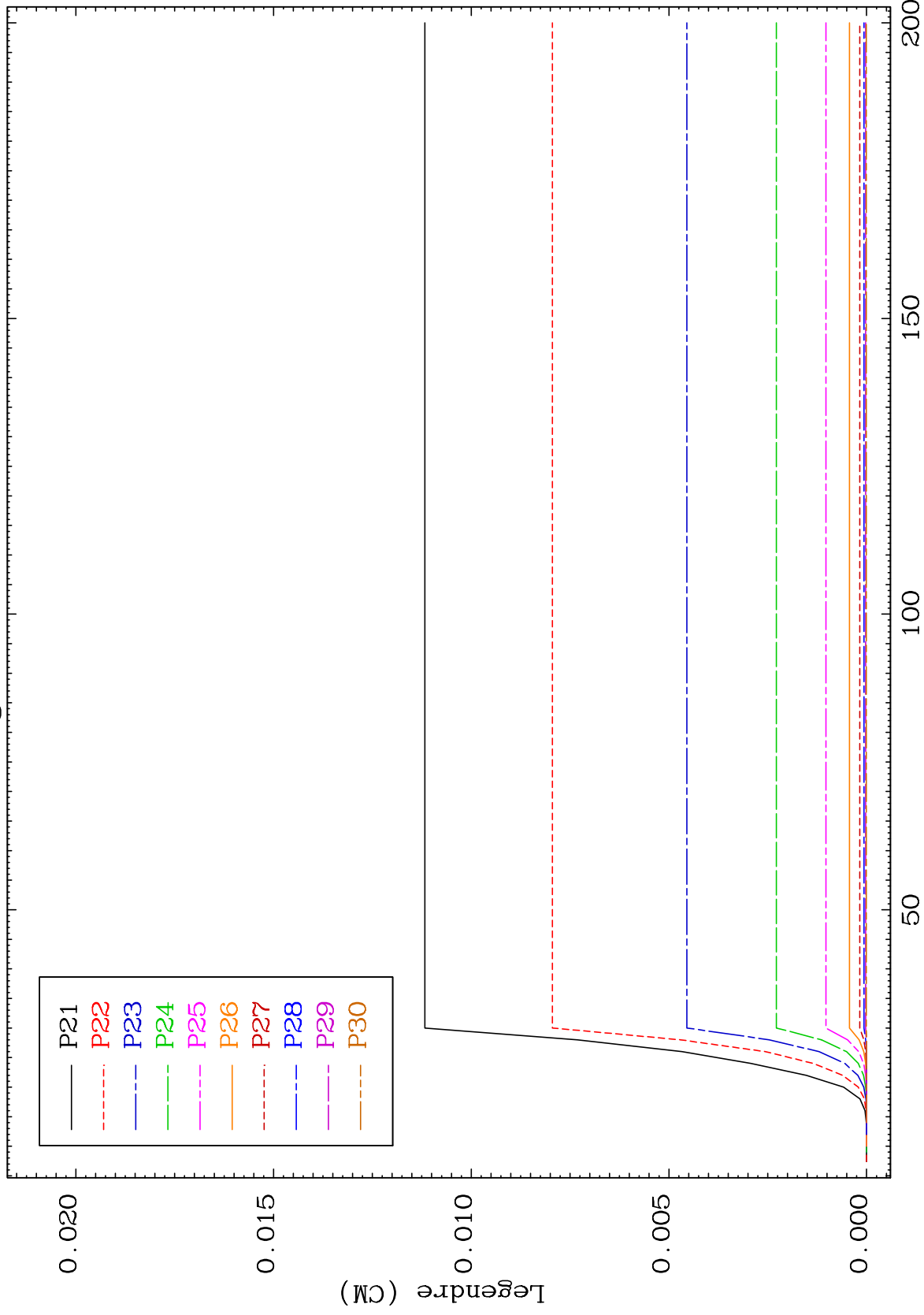




MAT 8040

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

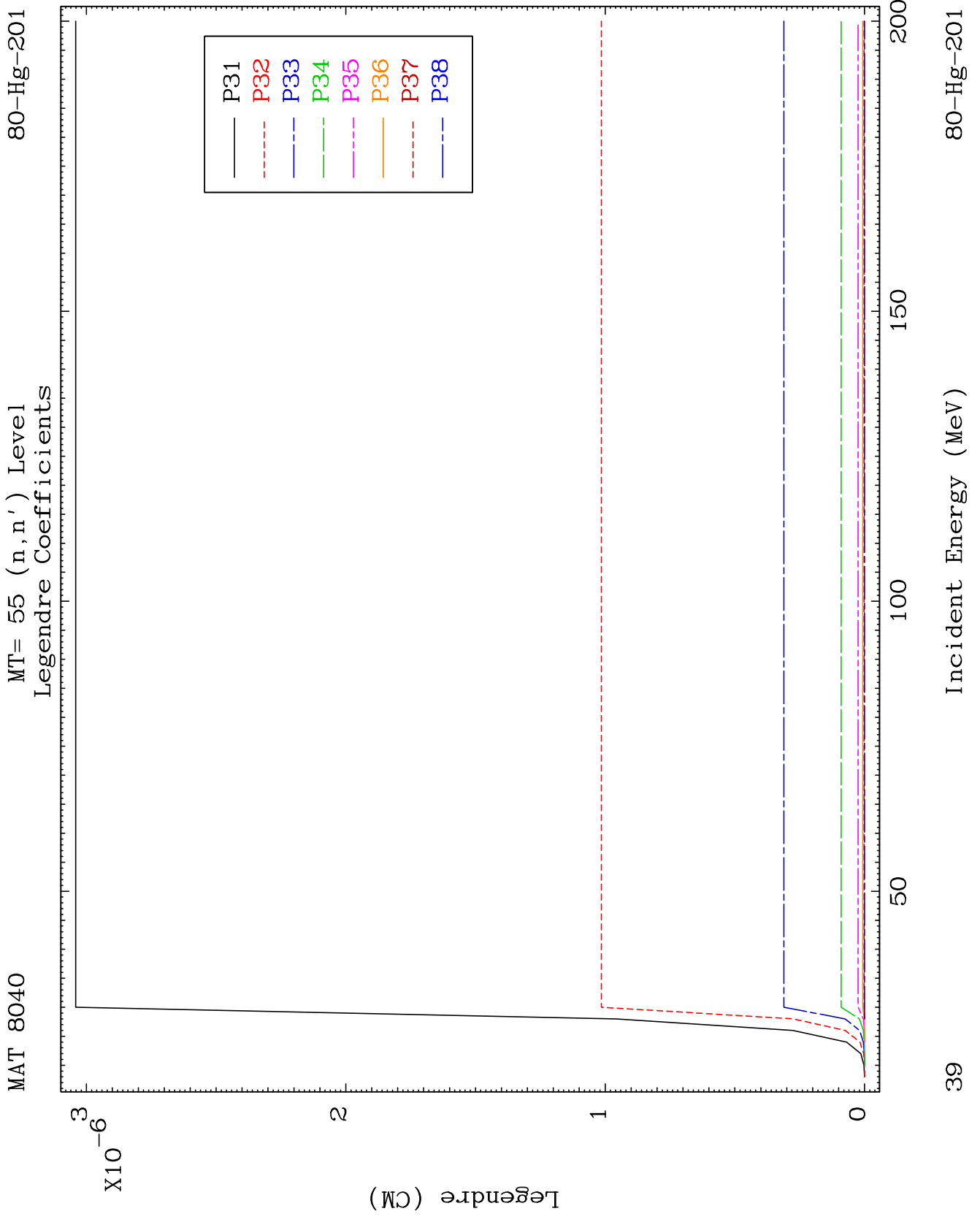
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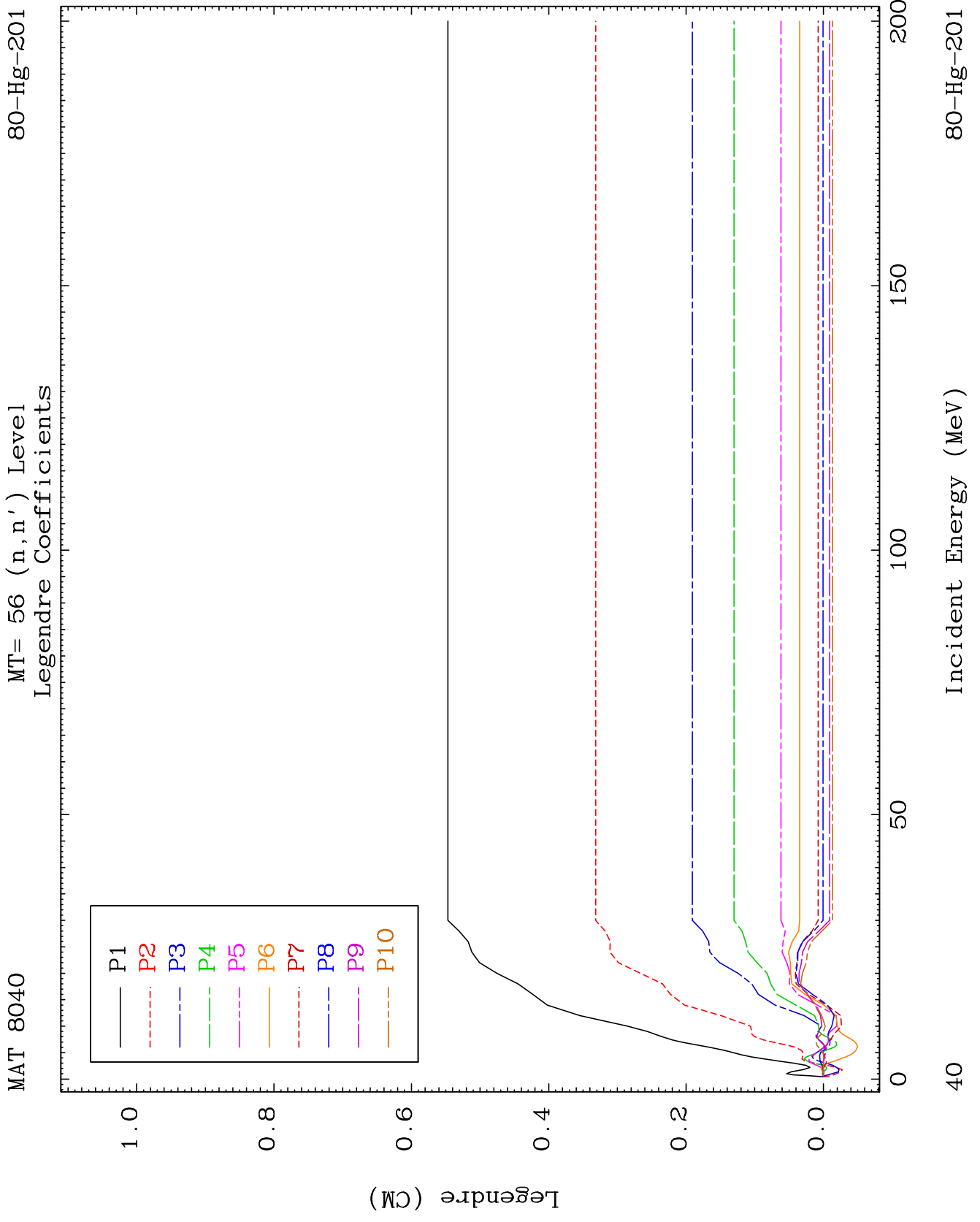


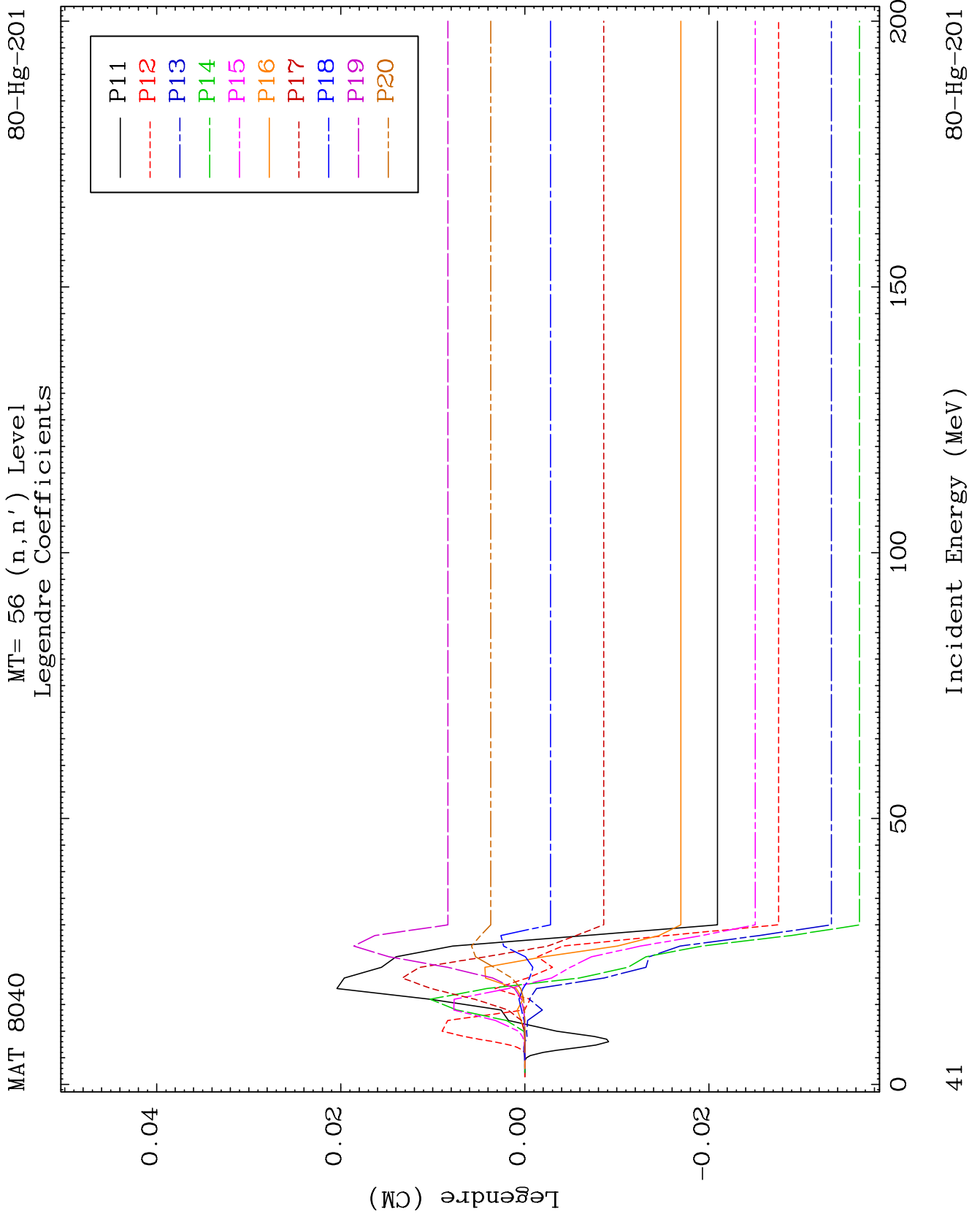
38

Incident Energy (MeV)

80-Hg-201



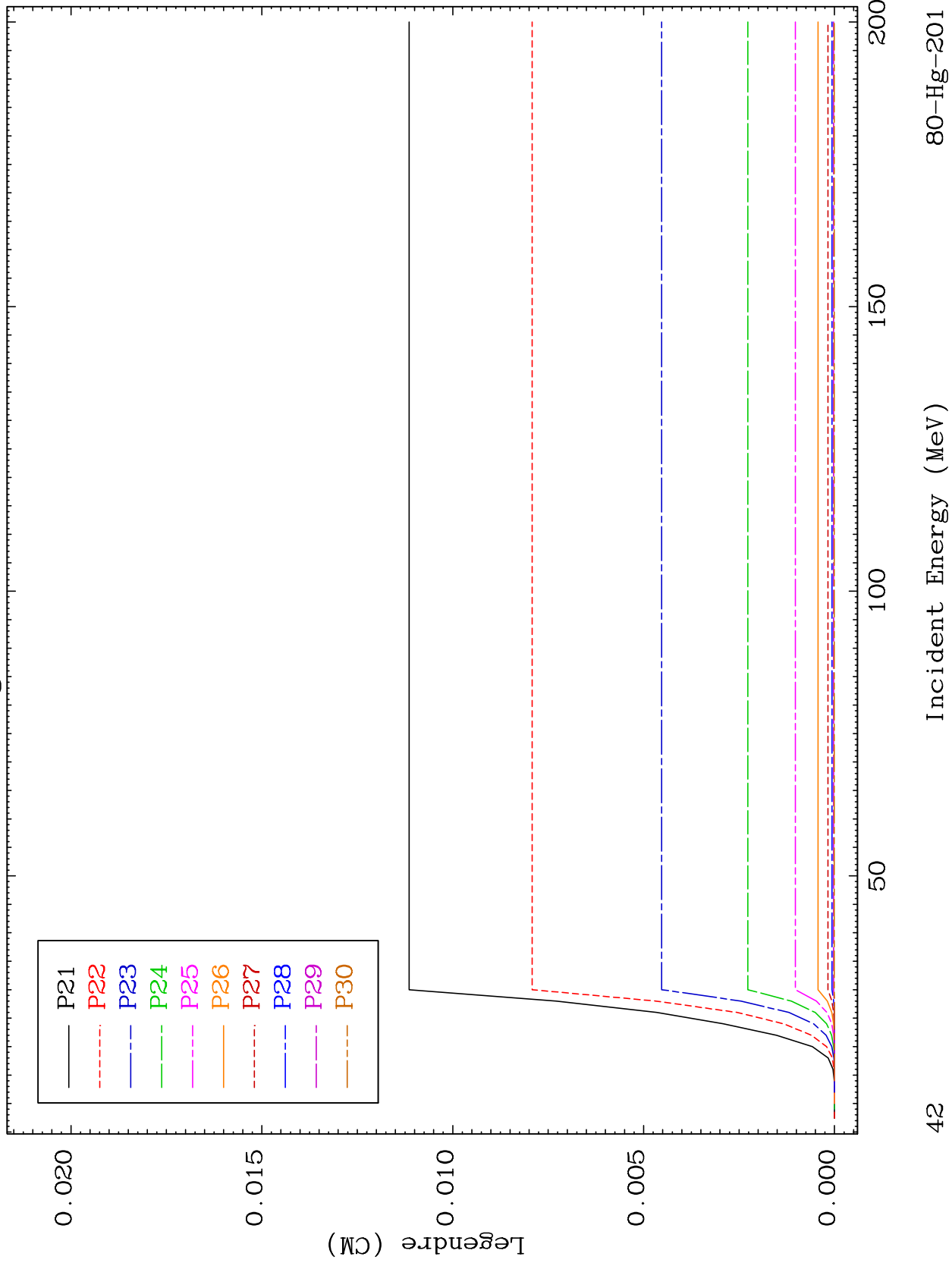




MAT 8040

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

80-Hg-201



42

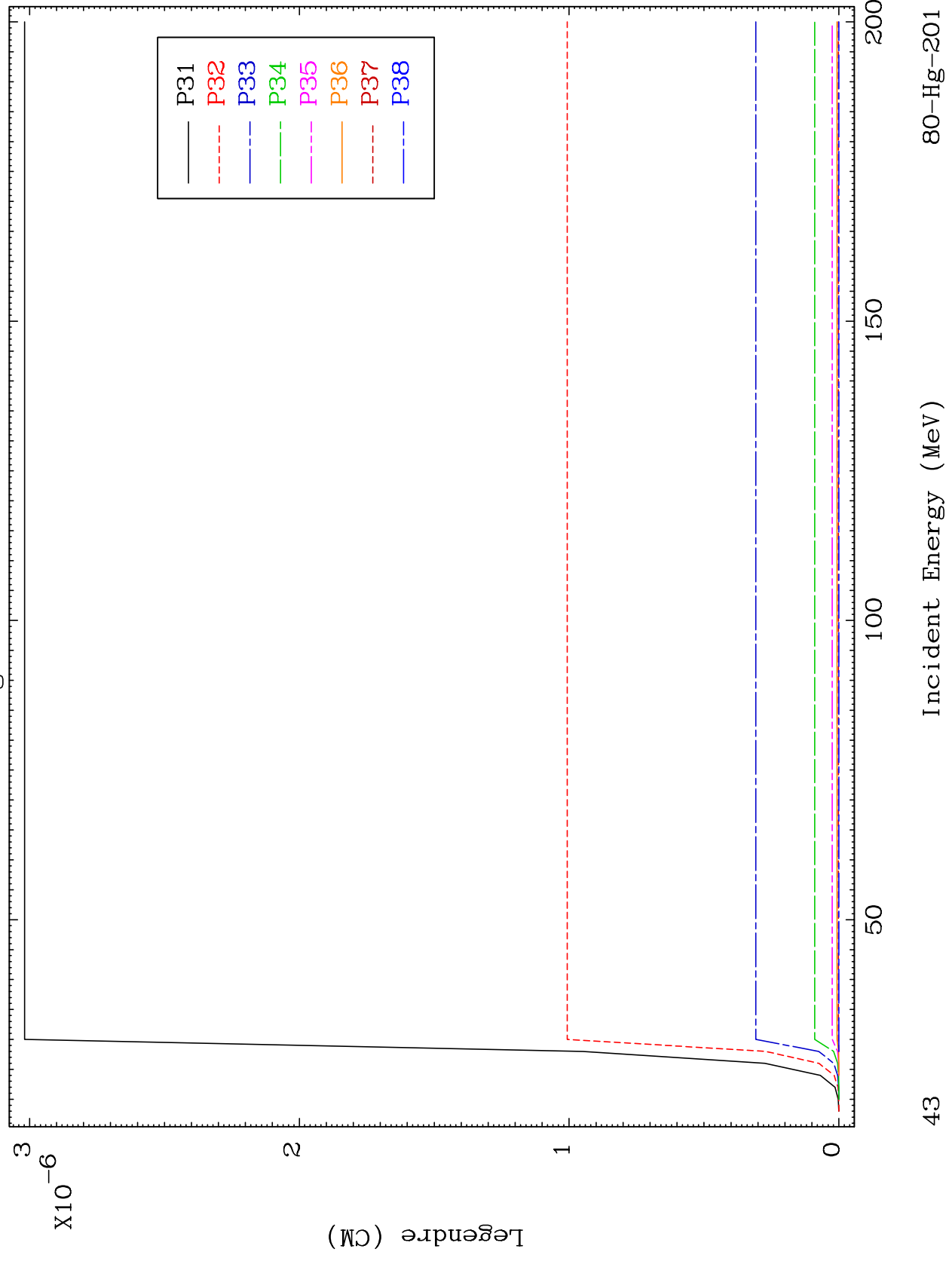
Incident Energy (MeV)

80-Hg-201

MAT 8040

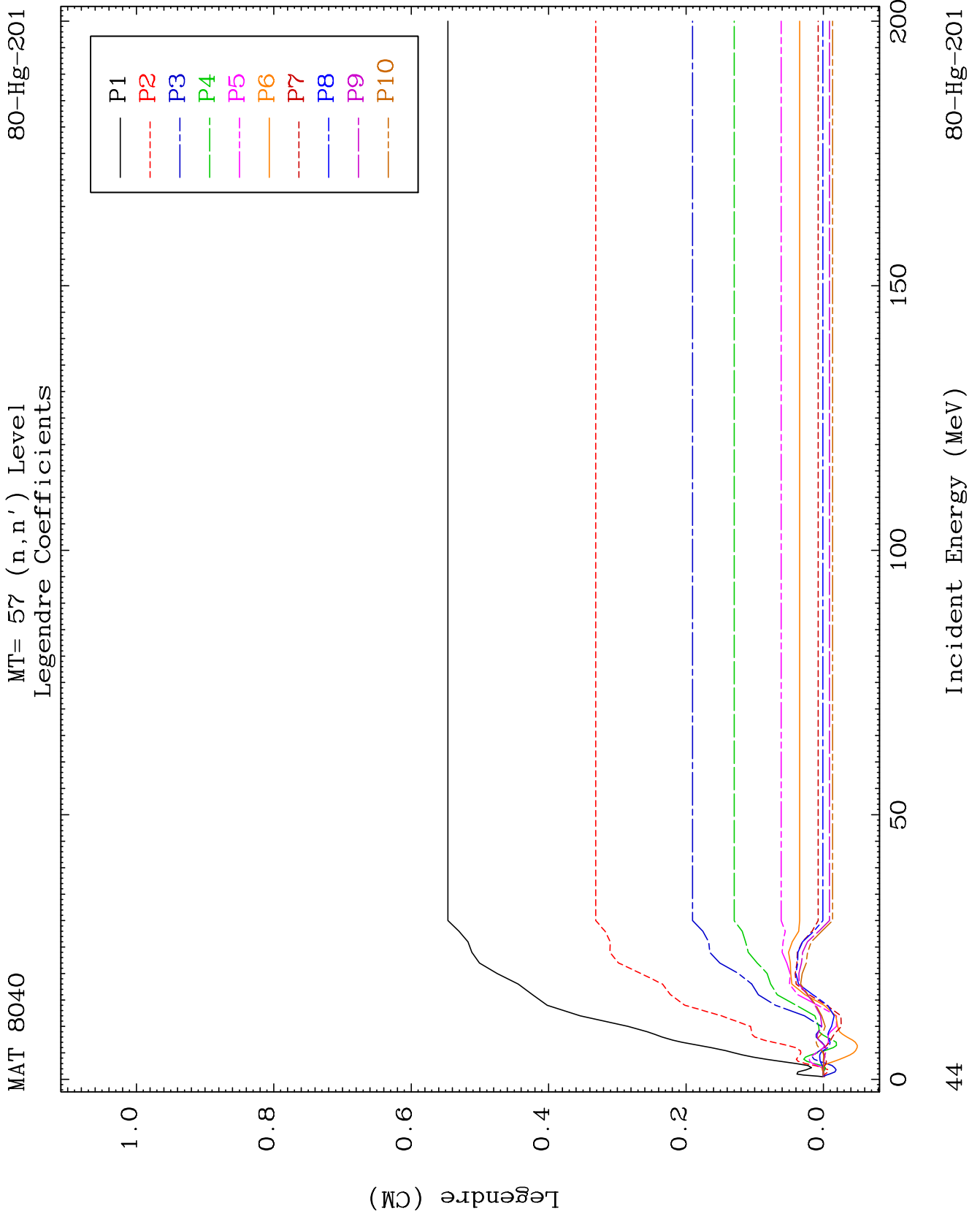
MT= 56 (n,n') Level  
Legendre Coefficients

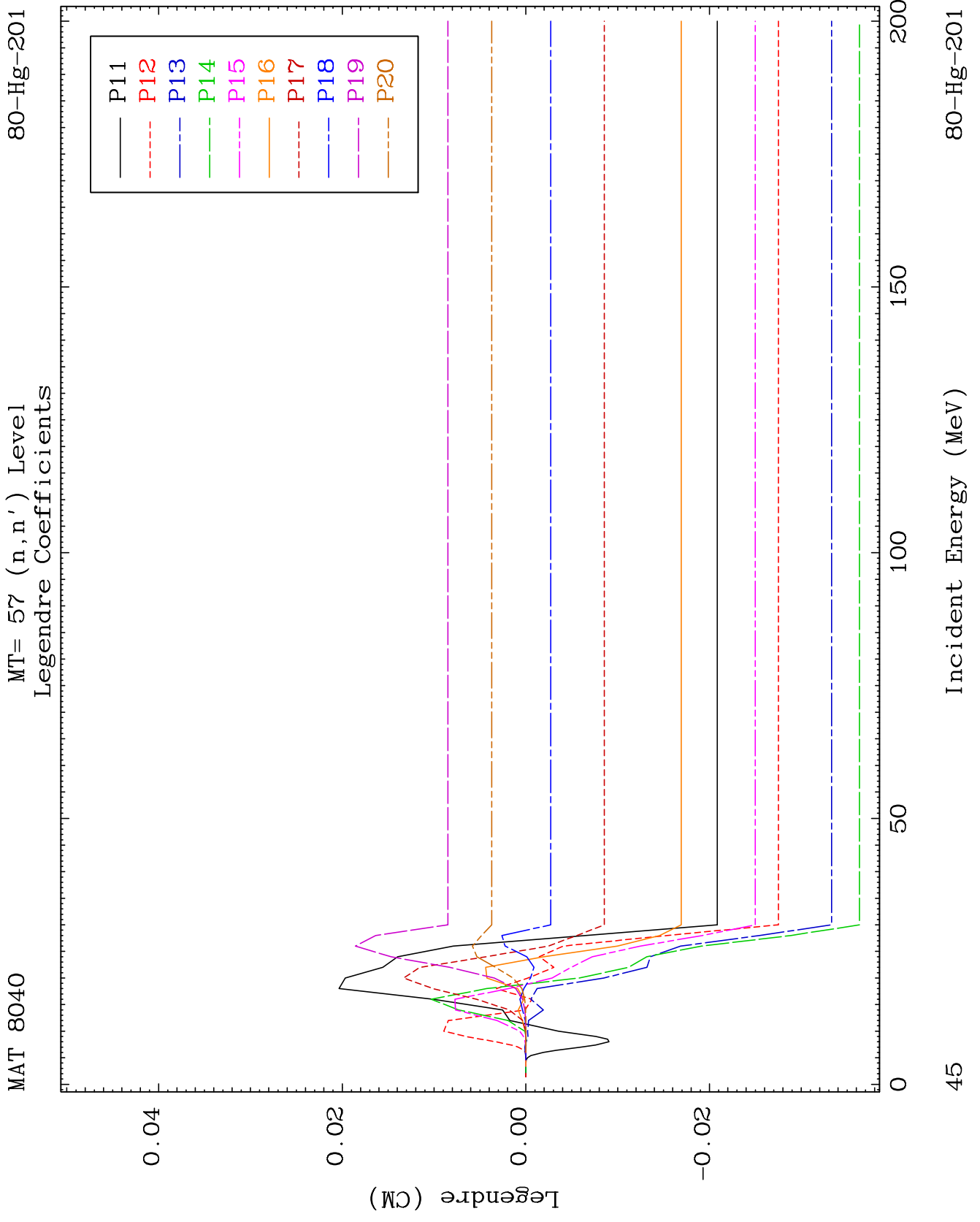
80-Hg-201



43

80-Hg-201

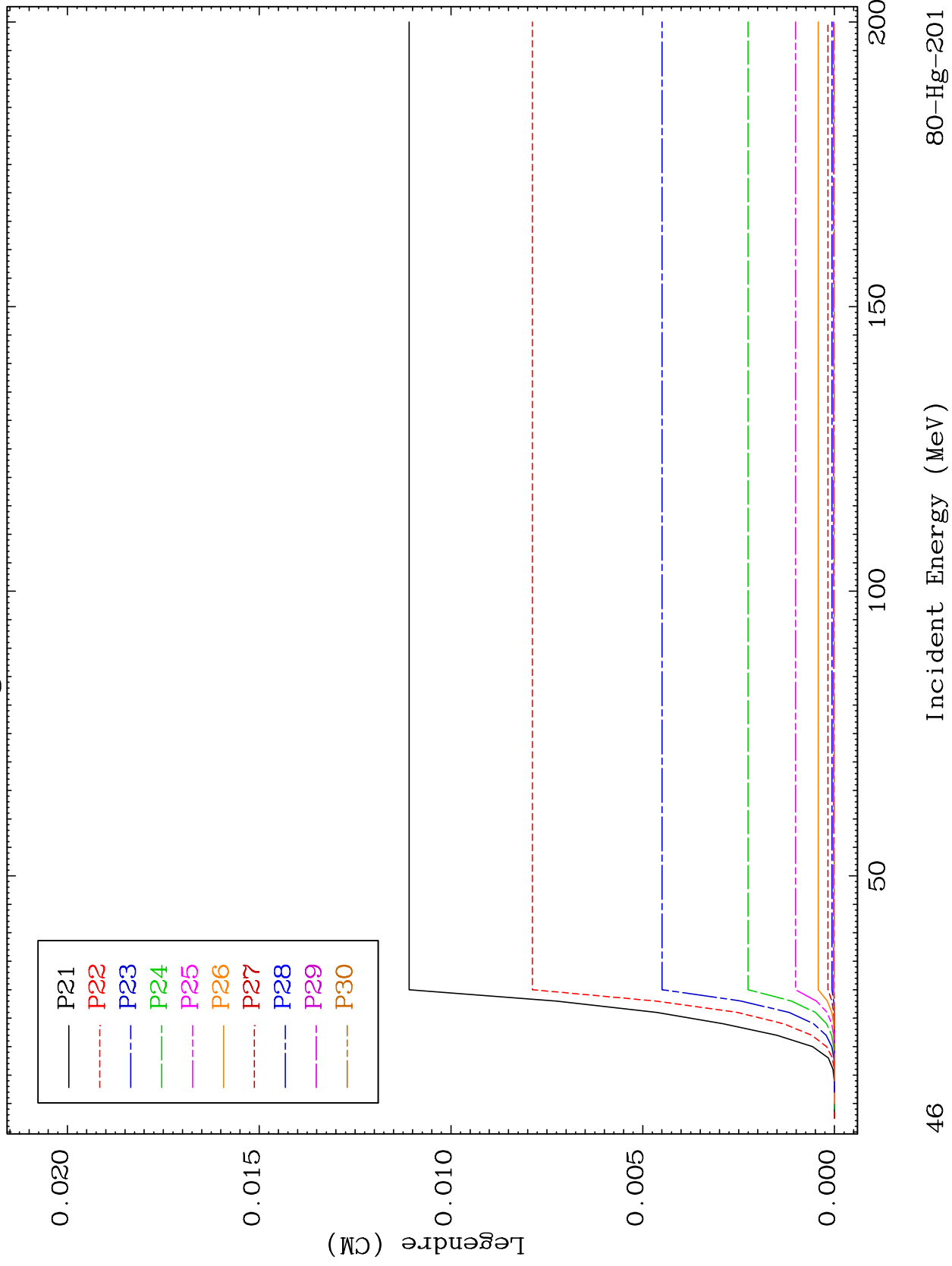




MAT 8040

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

80-Hg-201



46

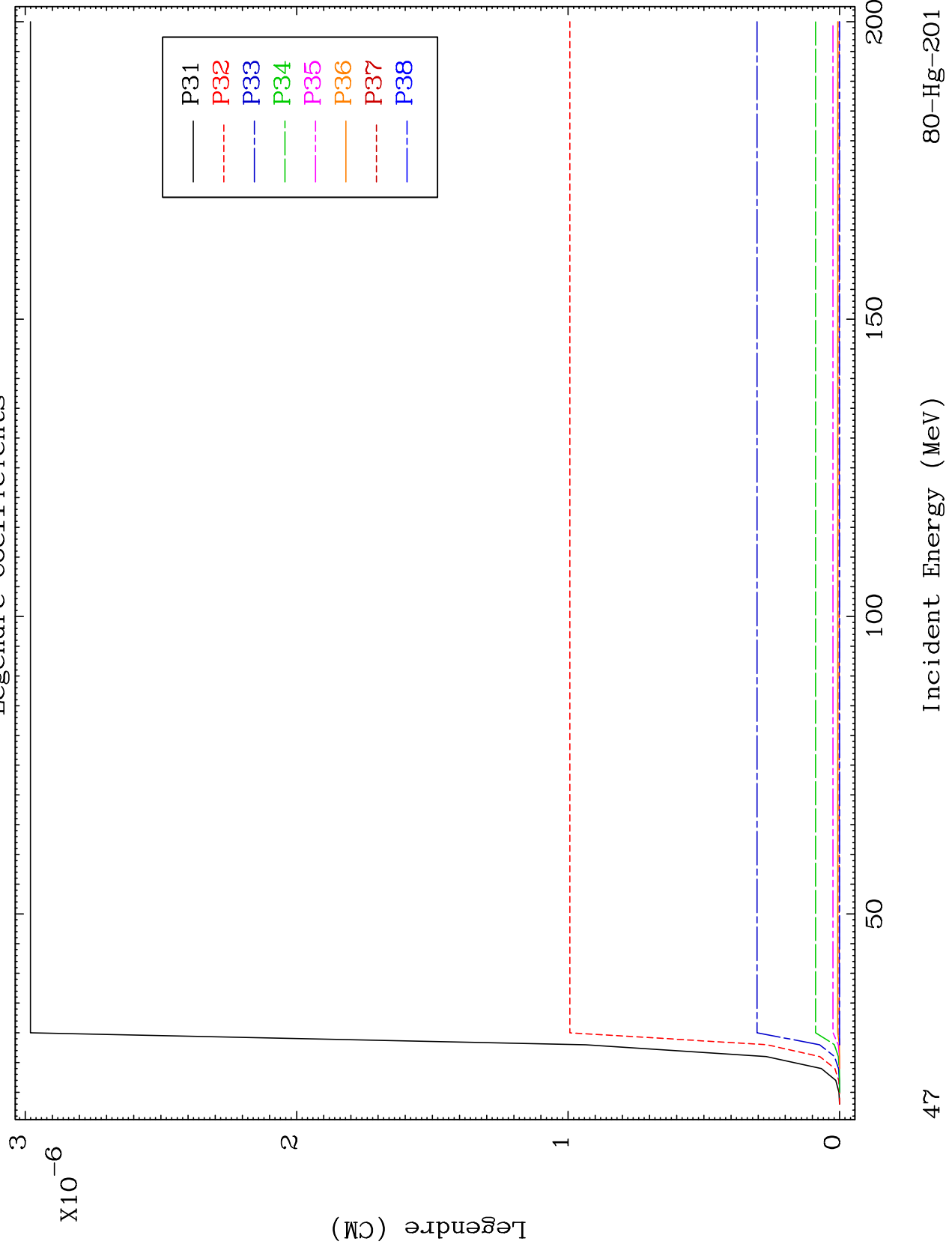
Incident Energy (MeV)

80-Hg-201

MAT 8040

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

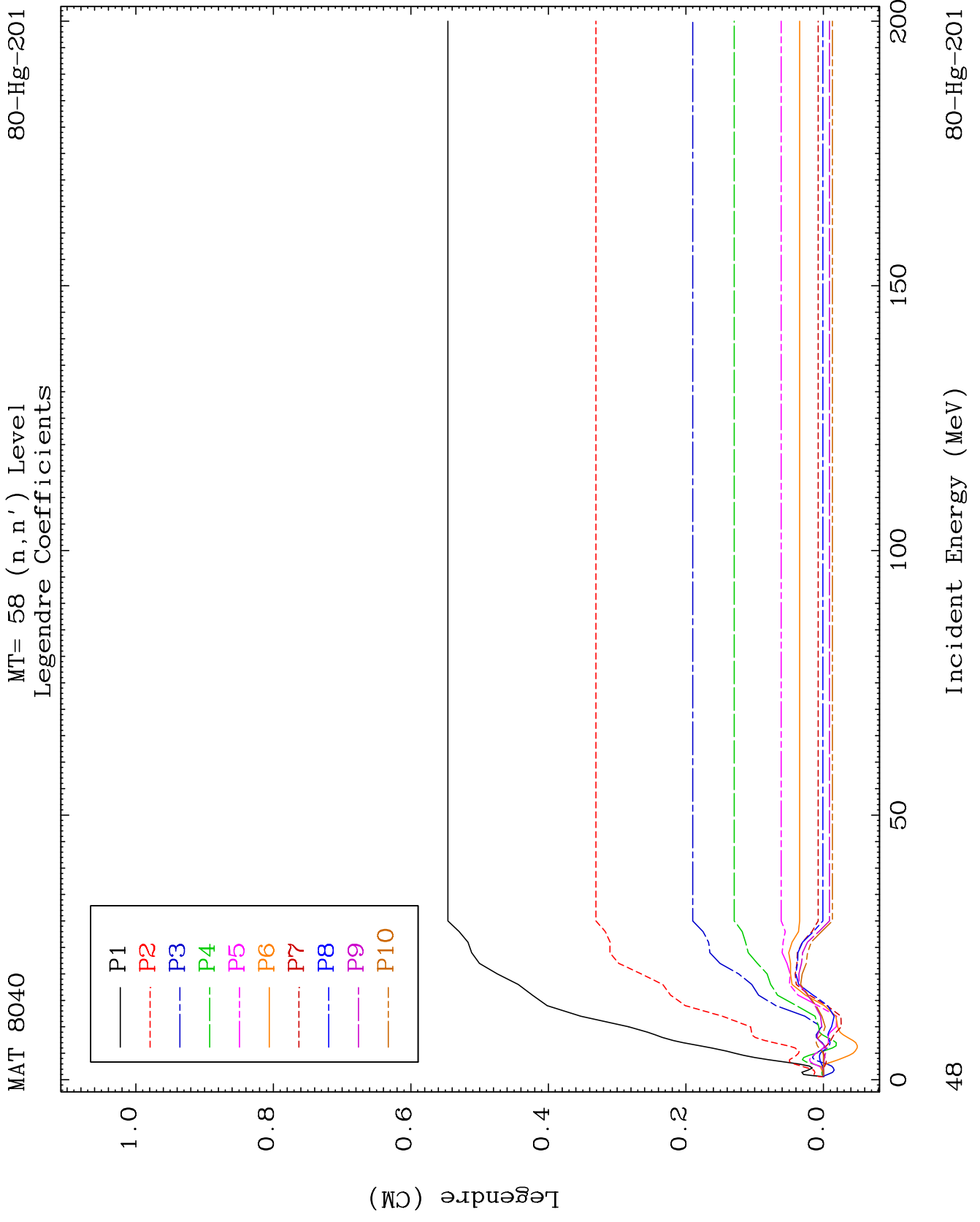
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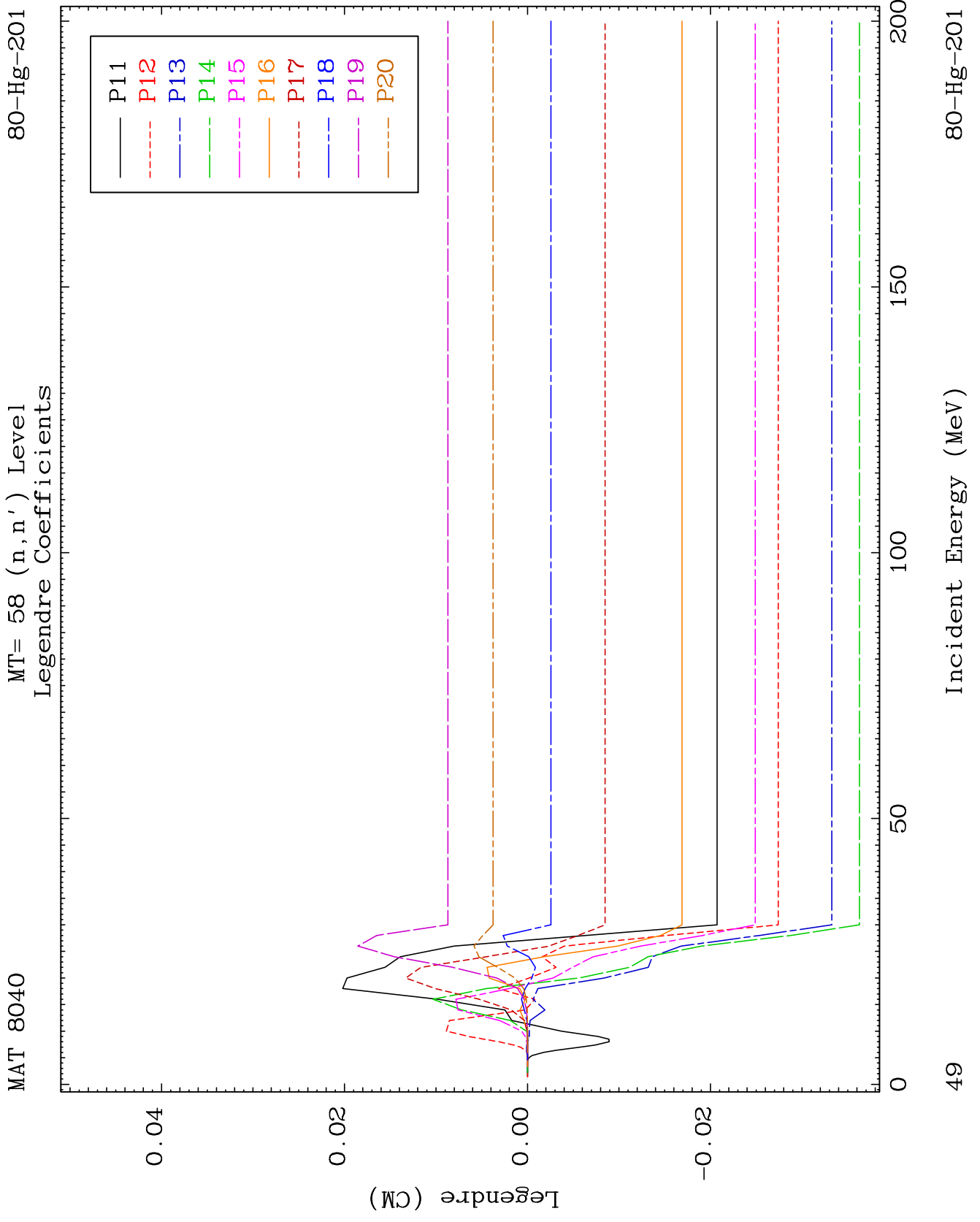


47

Incident Energy (MeV)

80-Hg-201

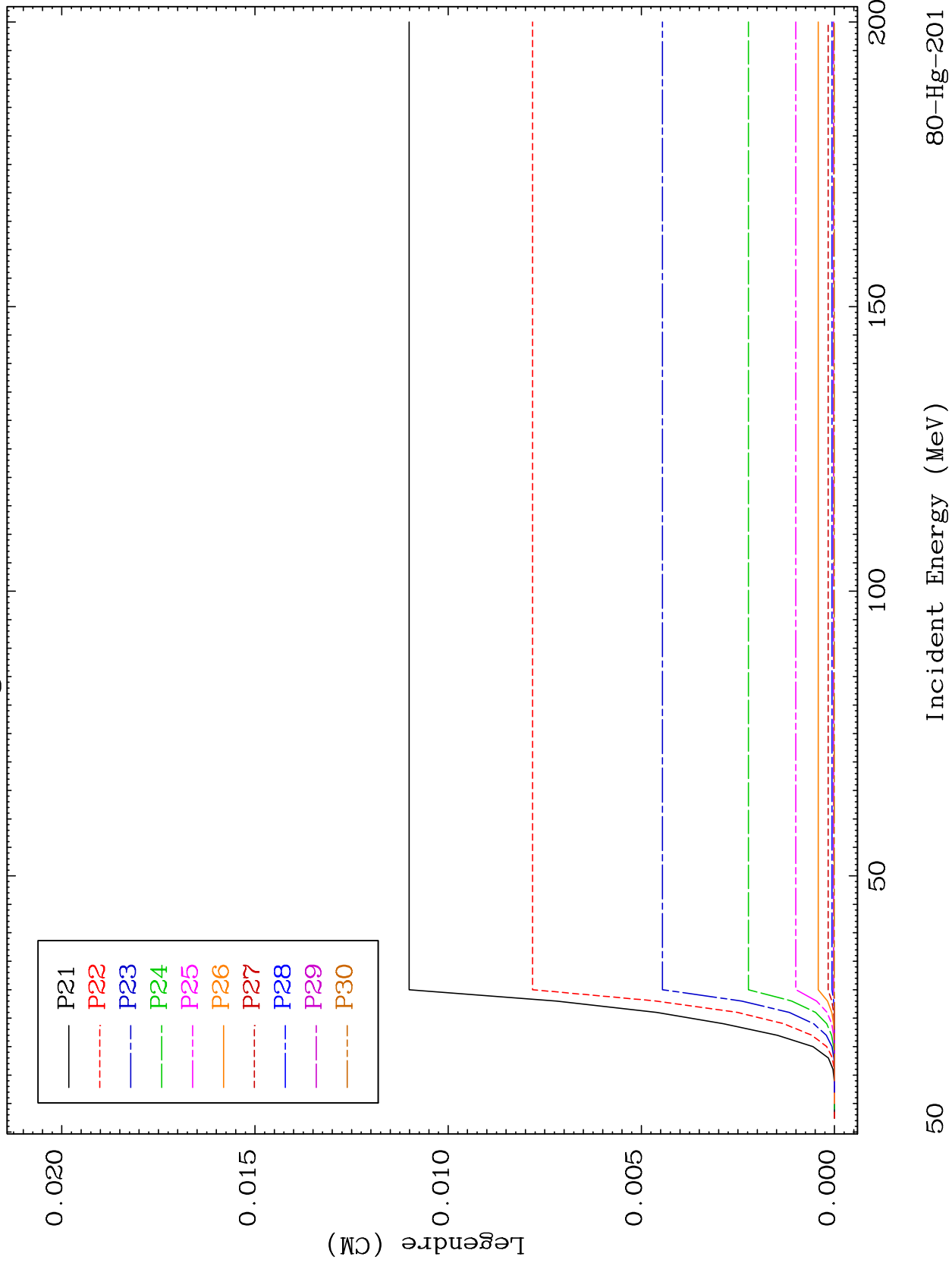




MAT 8040

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

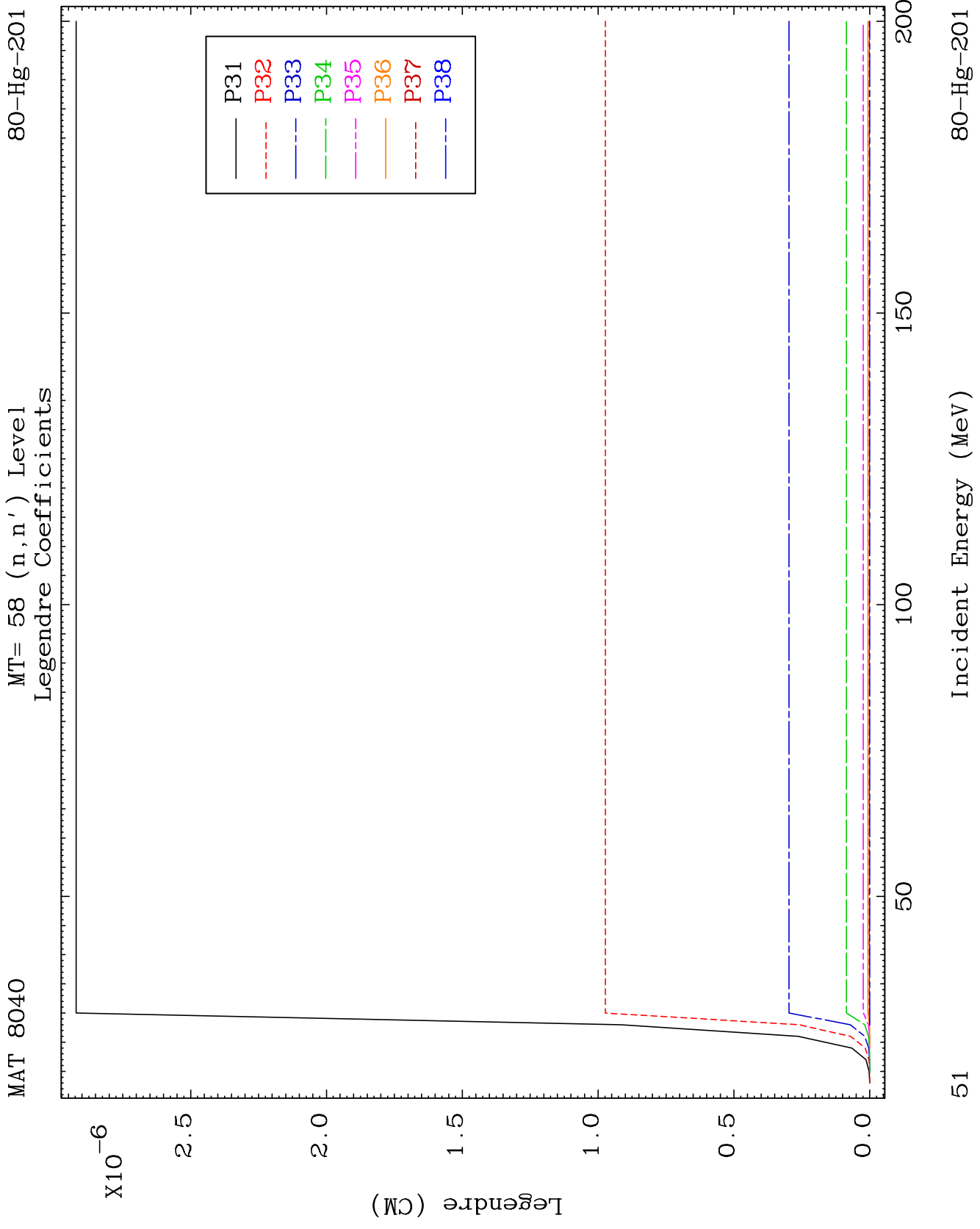
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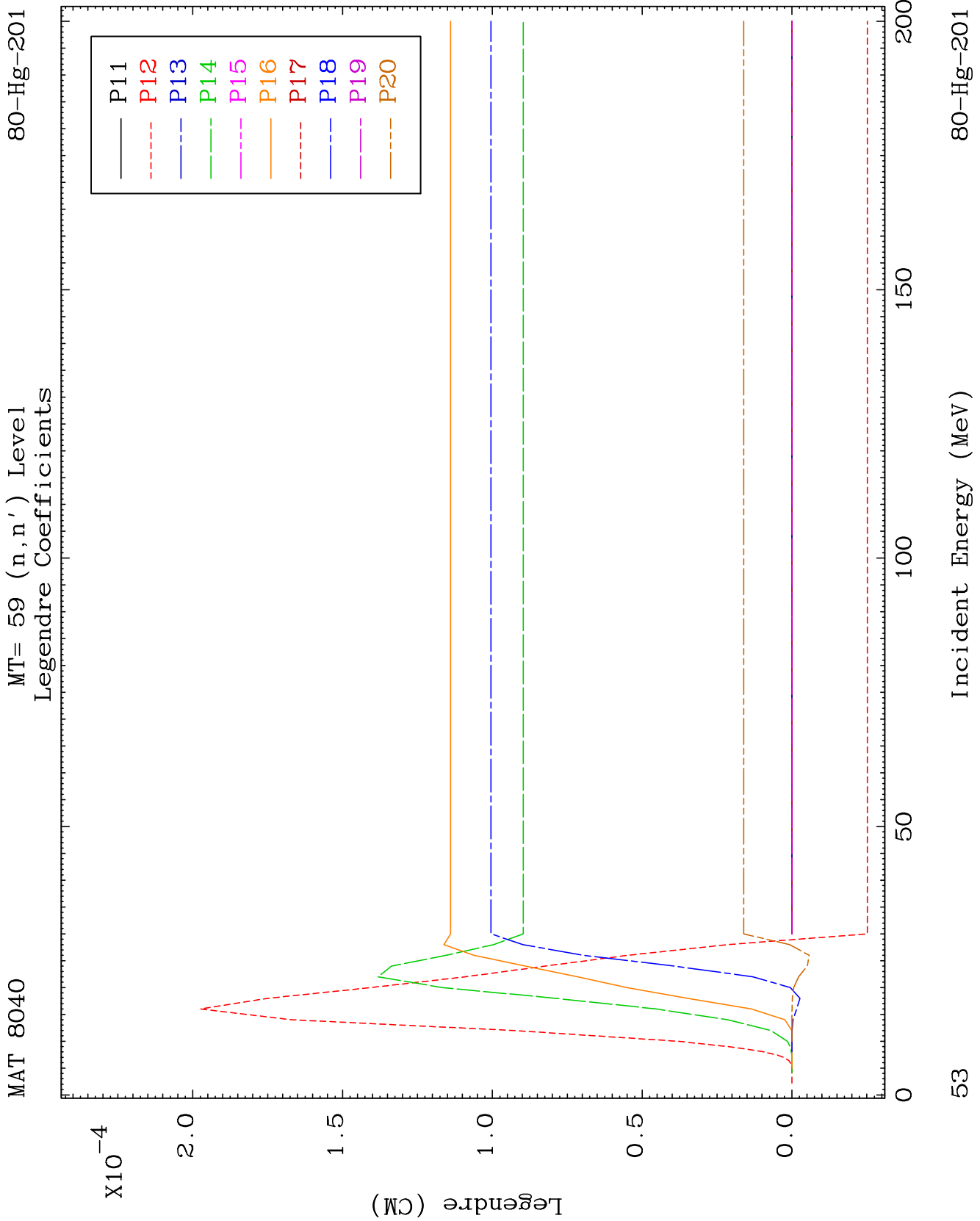
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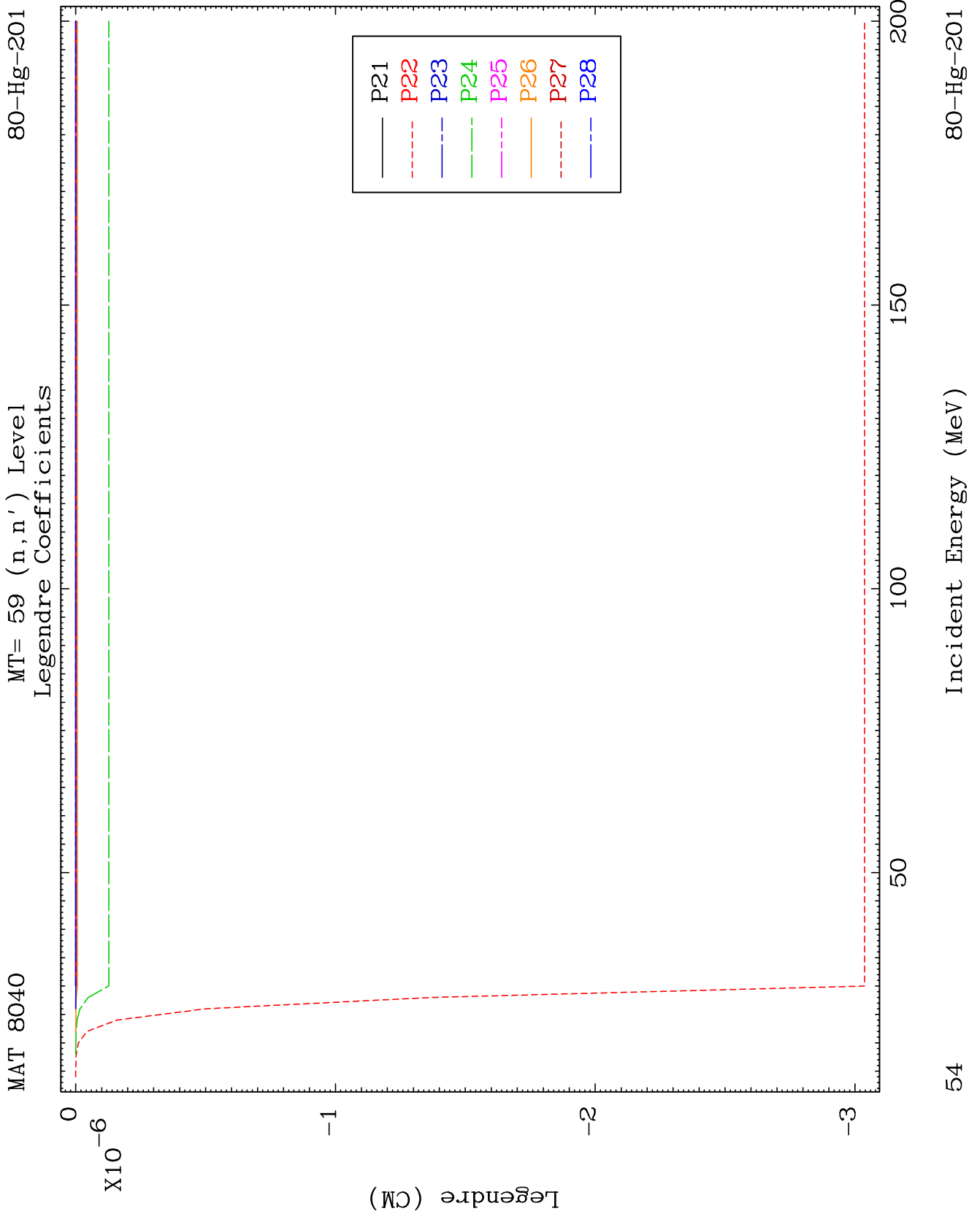
Incident Energy (MeV)

50

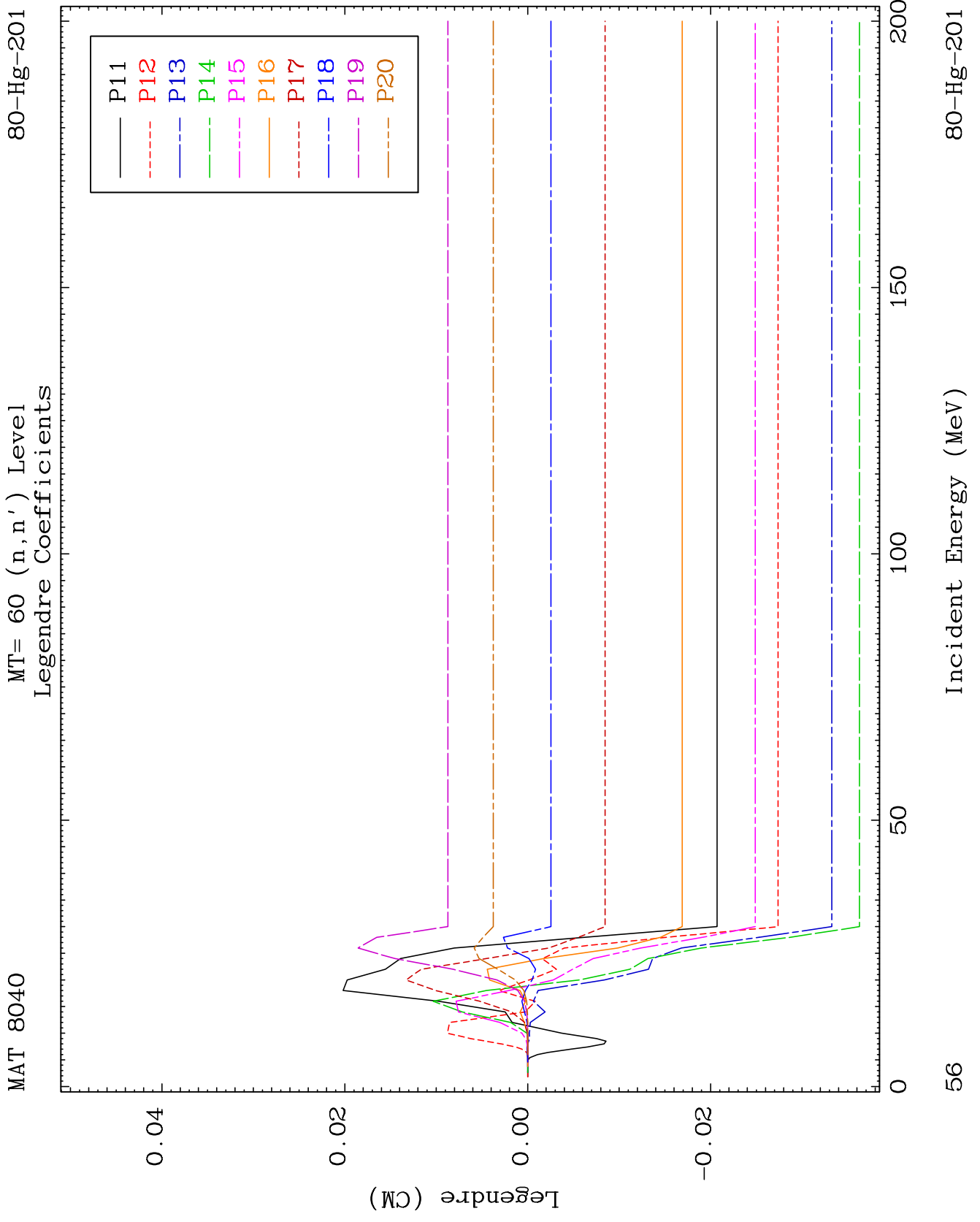








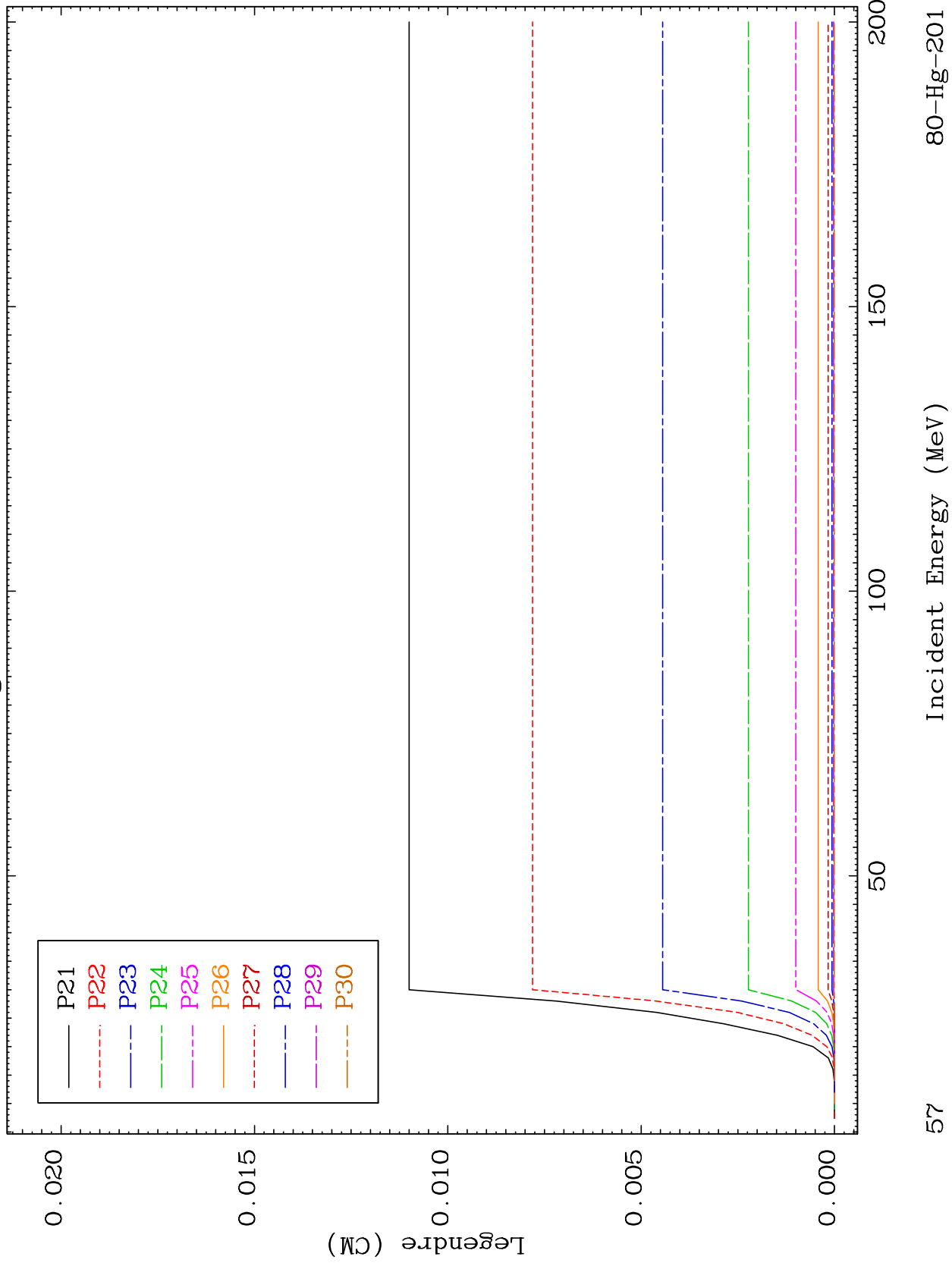




MAT 8040

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

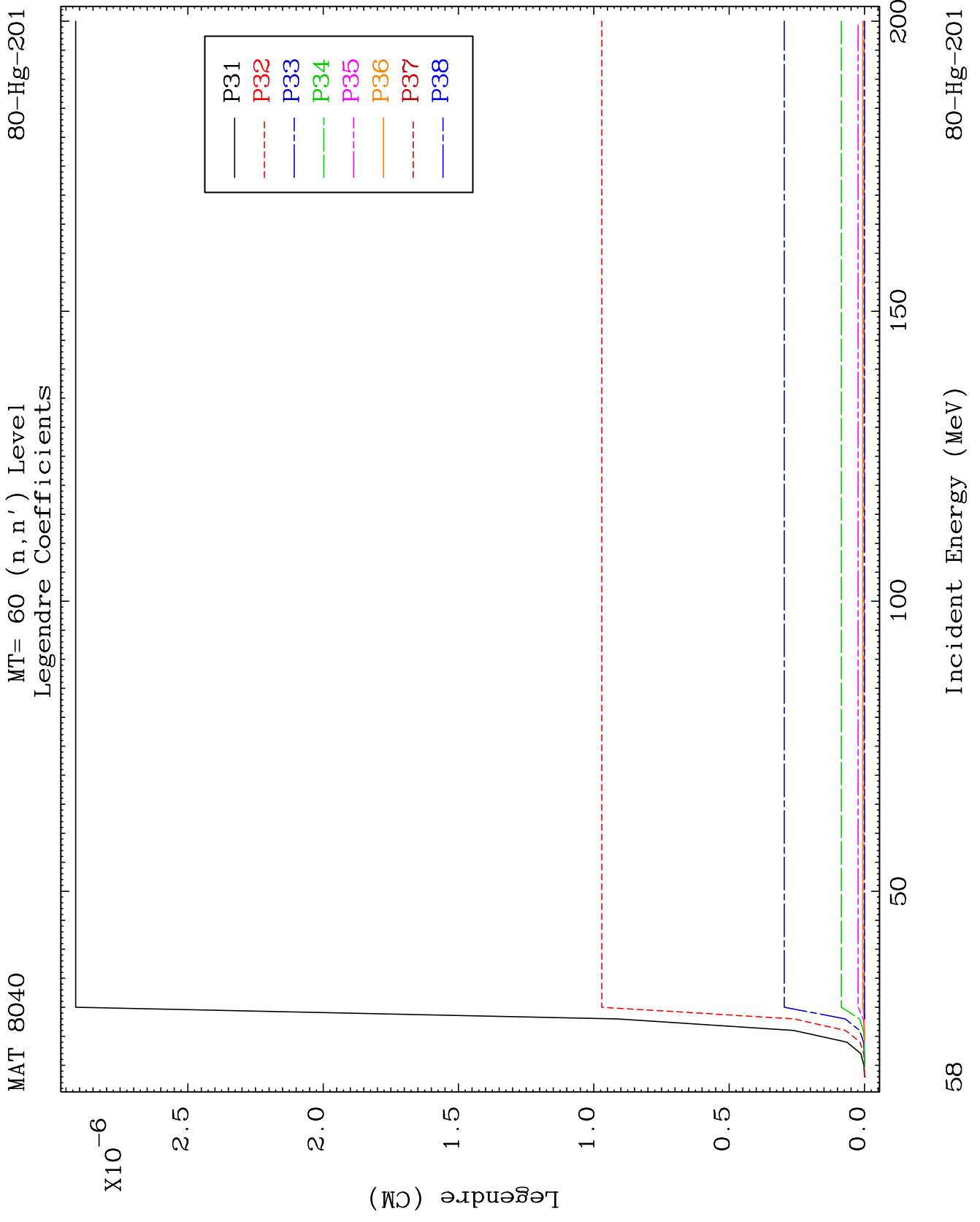
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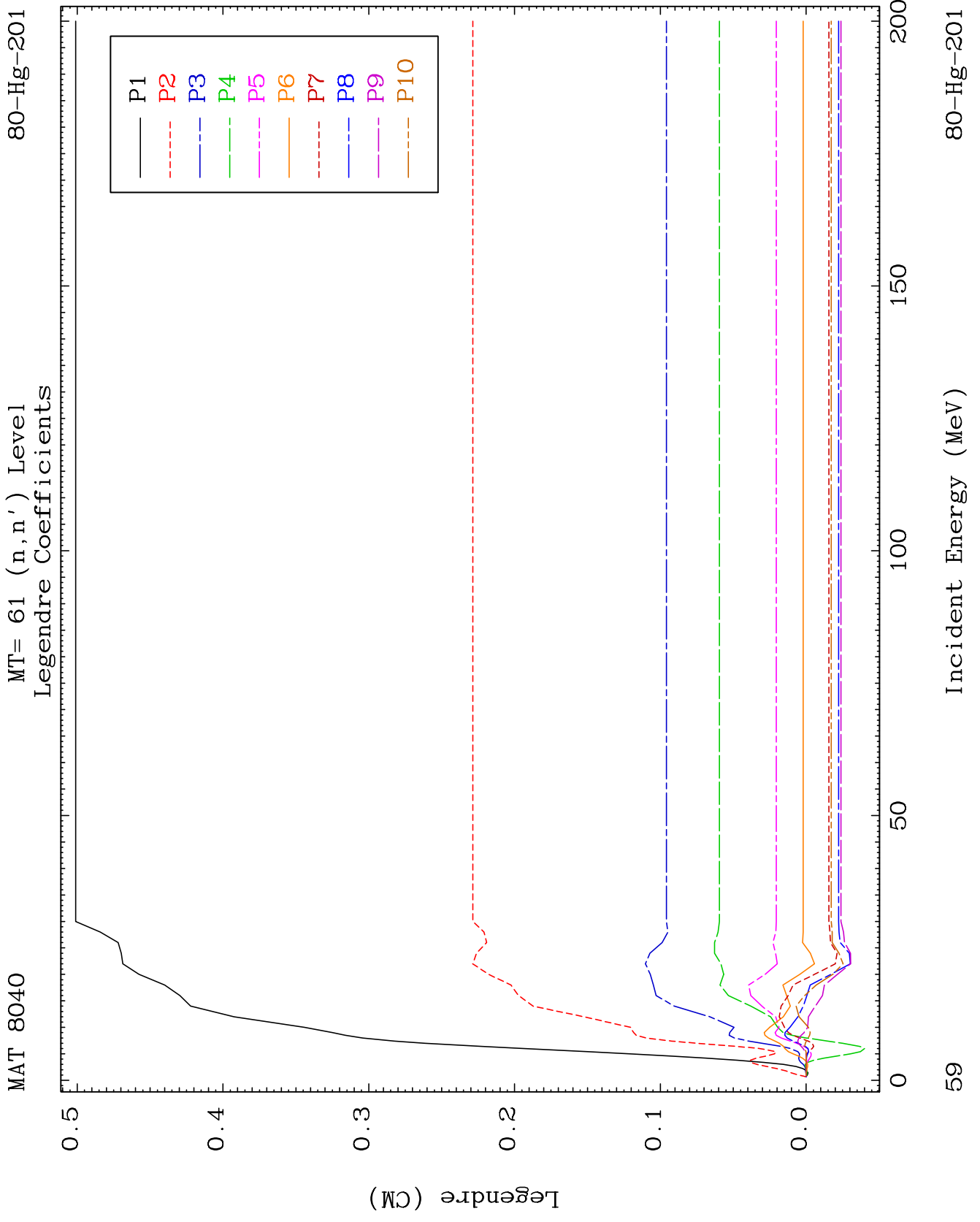


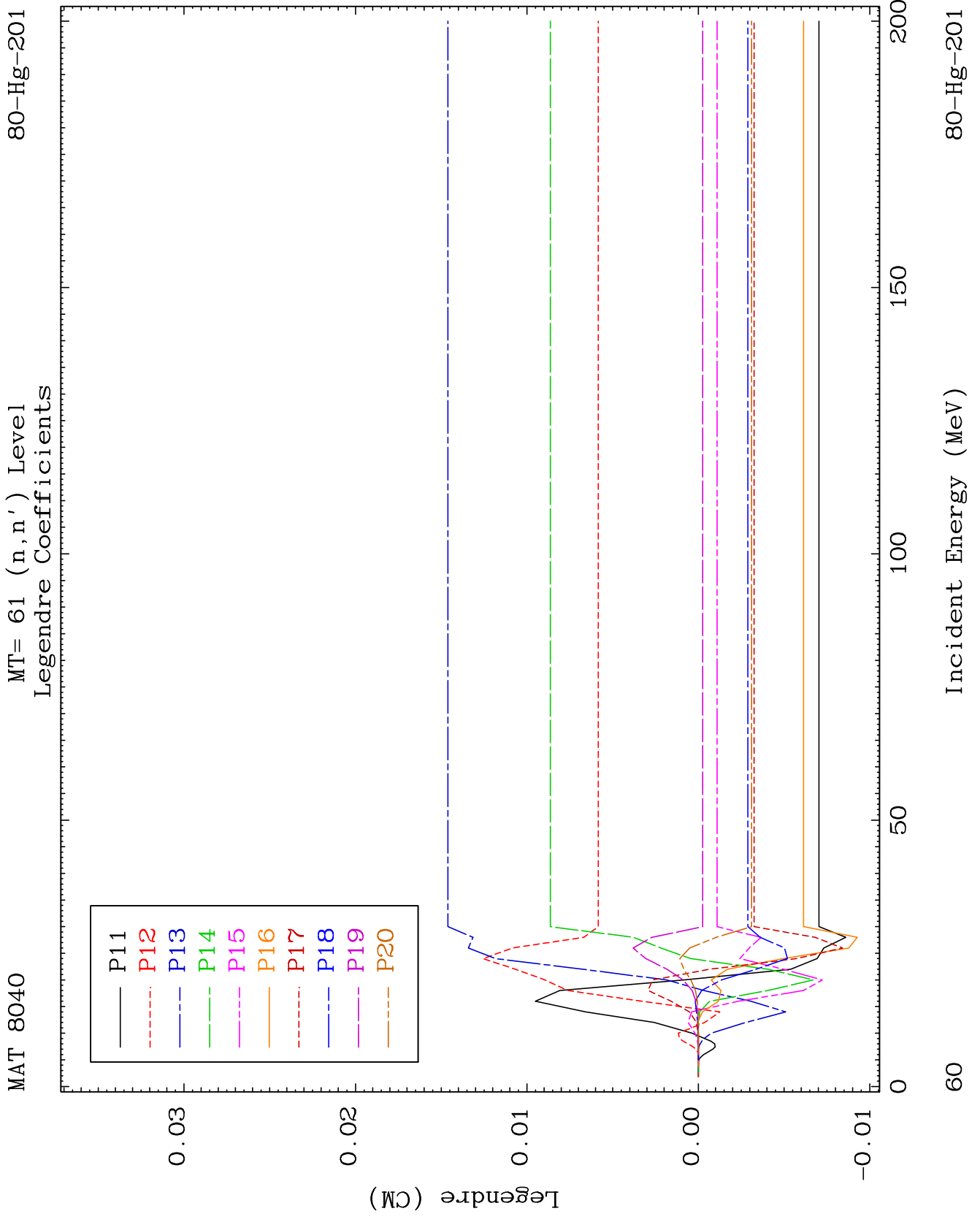
57

Incident Energy (MeV)

80-Hg-201



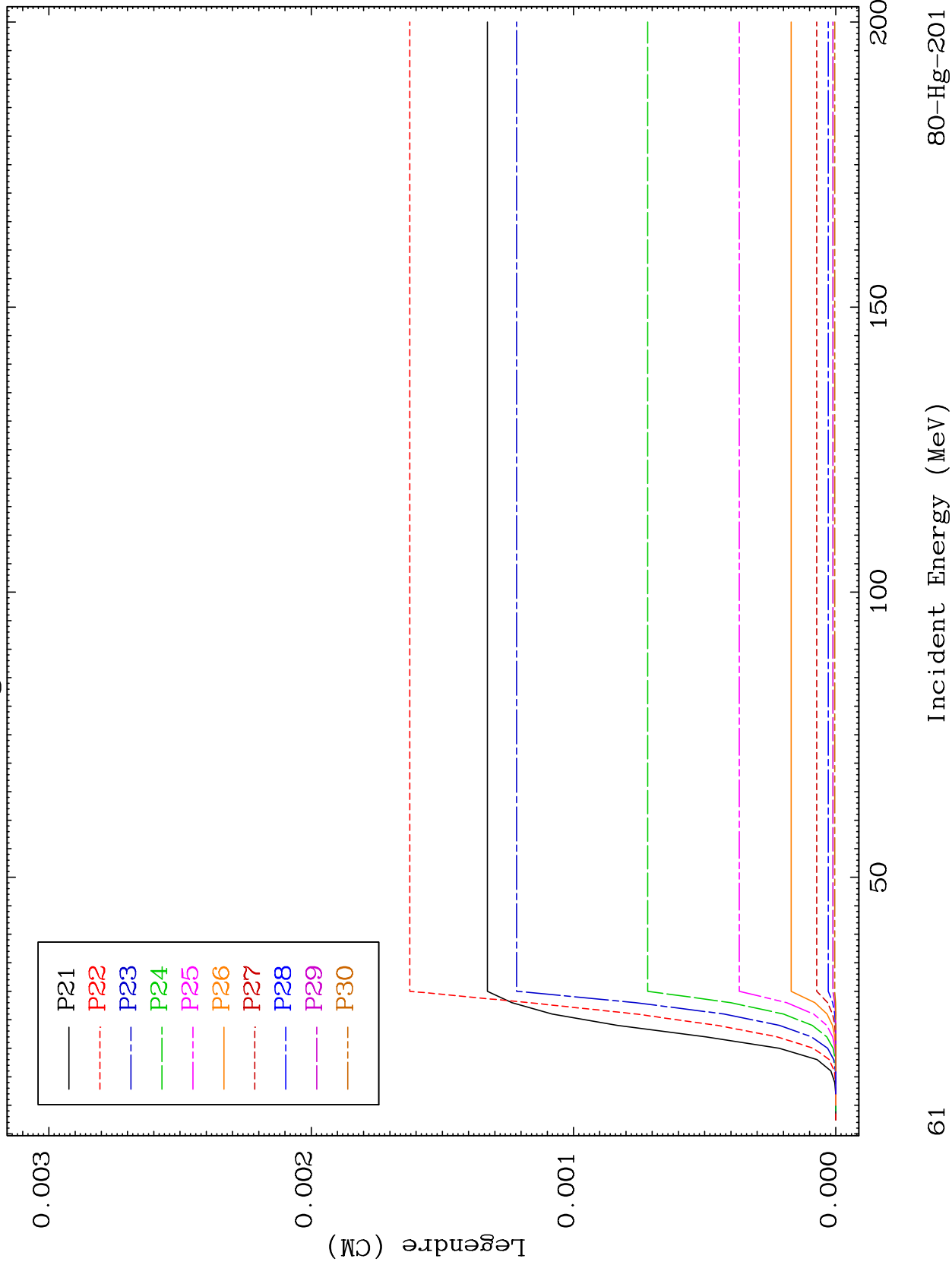




MAT 8040

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

80-Hg-201



61

Incident Energy (MeV)

80-Hg-201



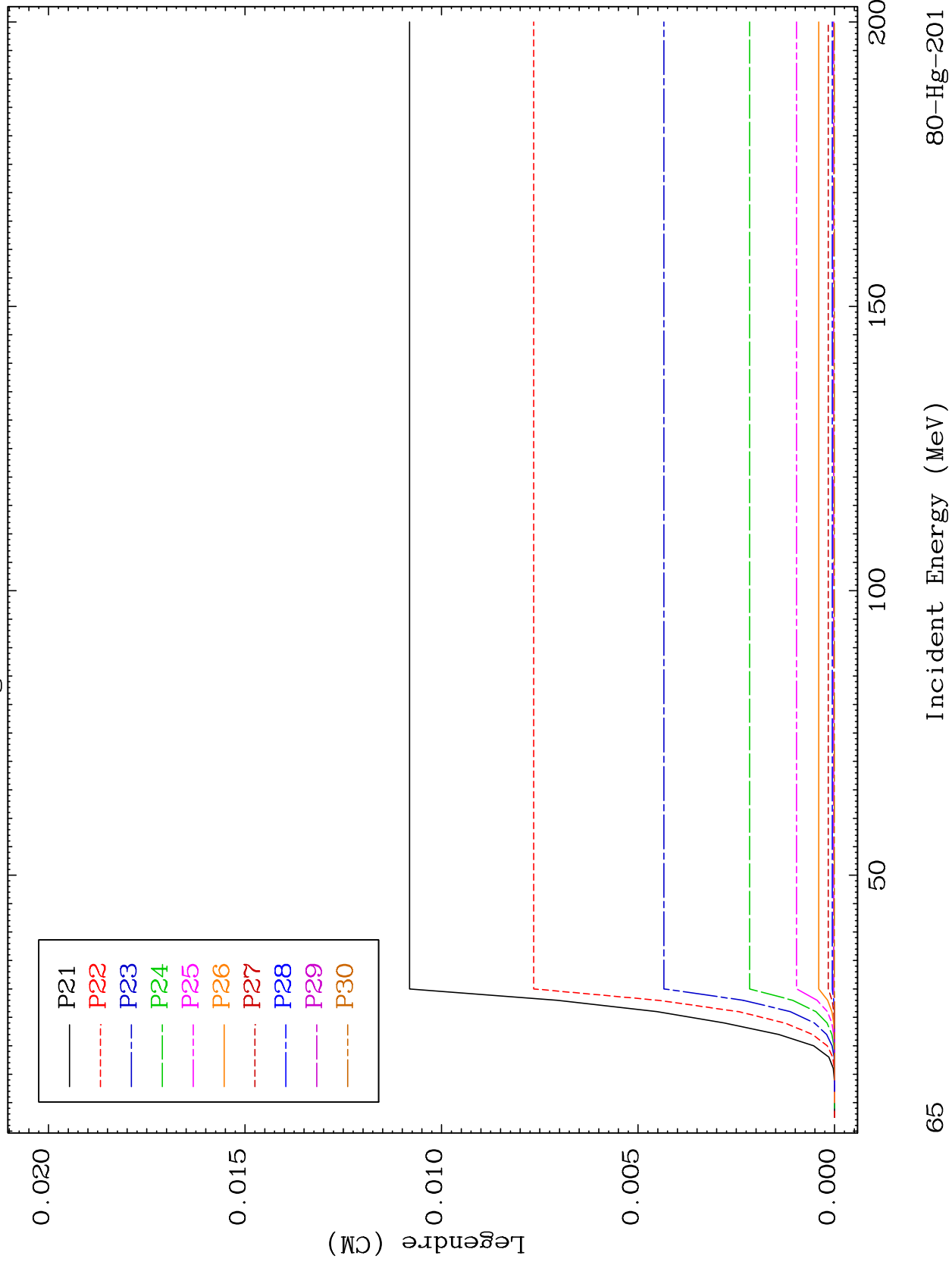




MAT 8040

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

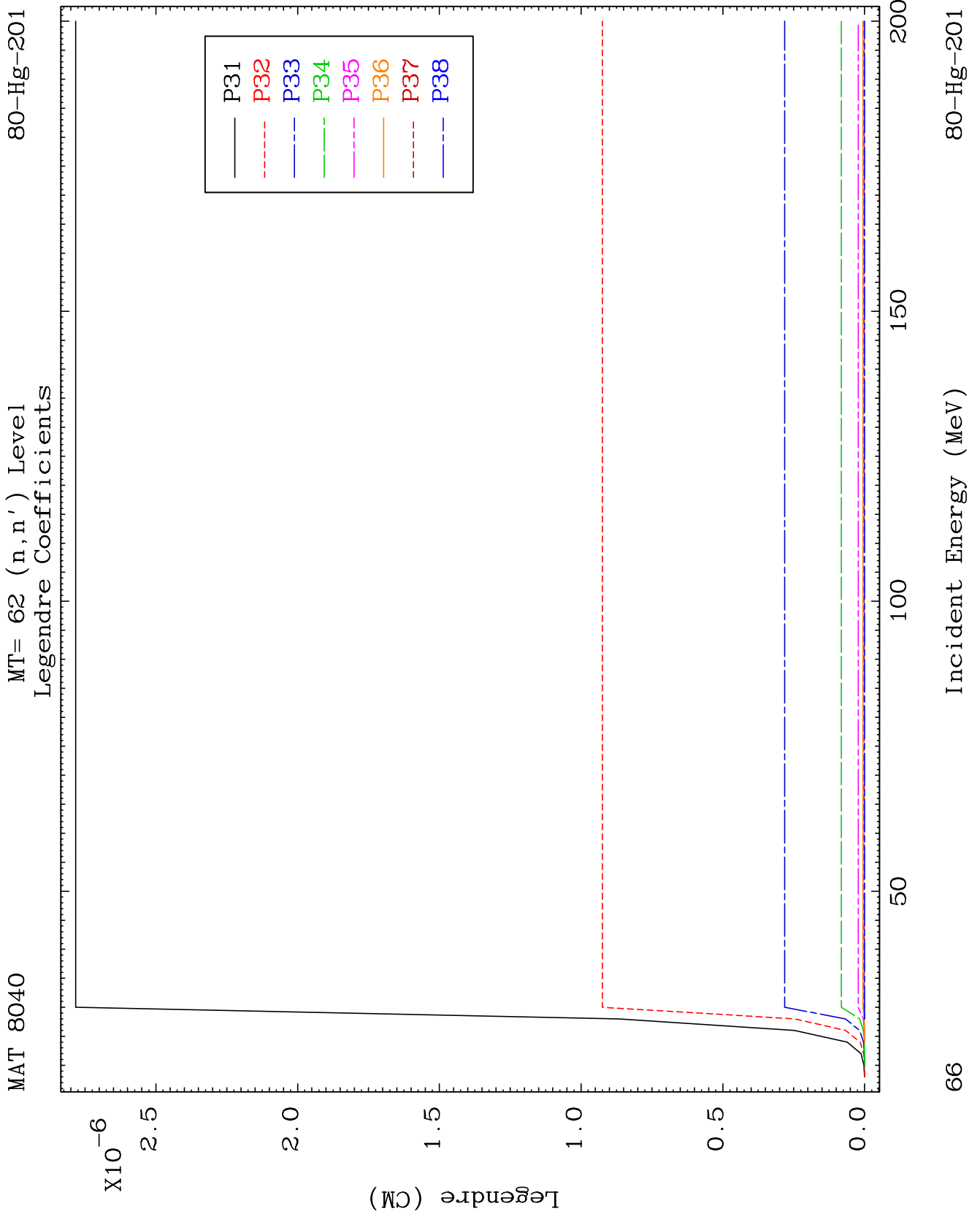
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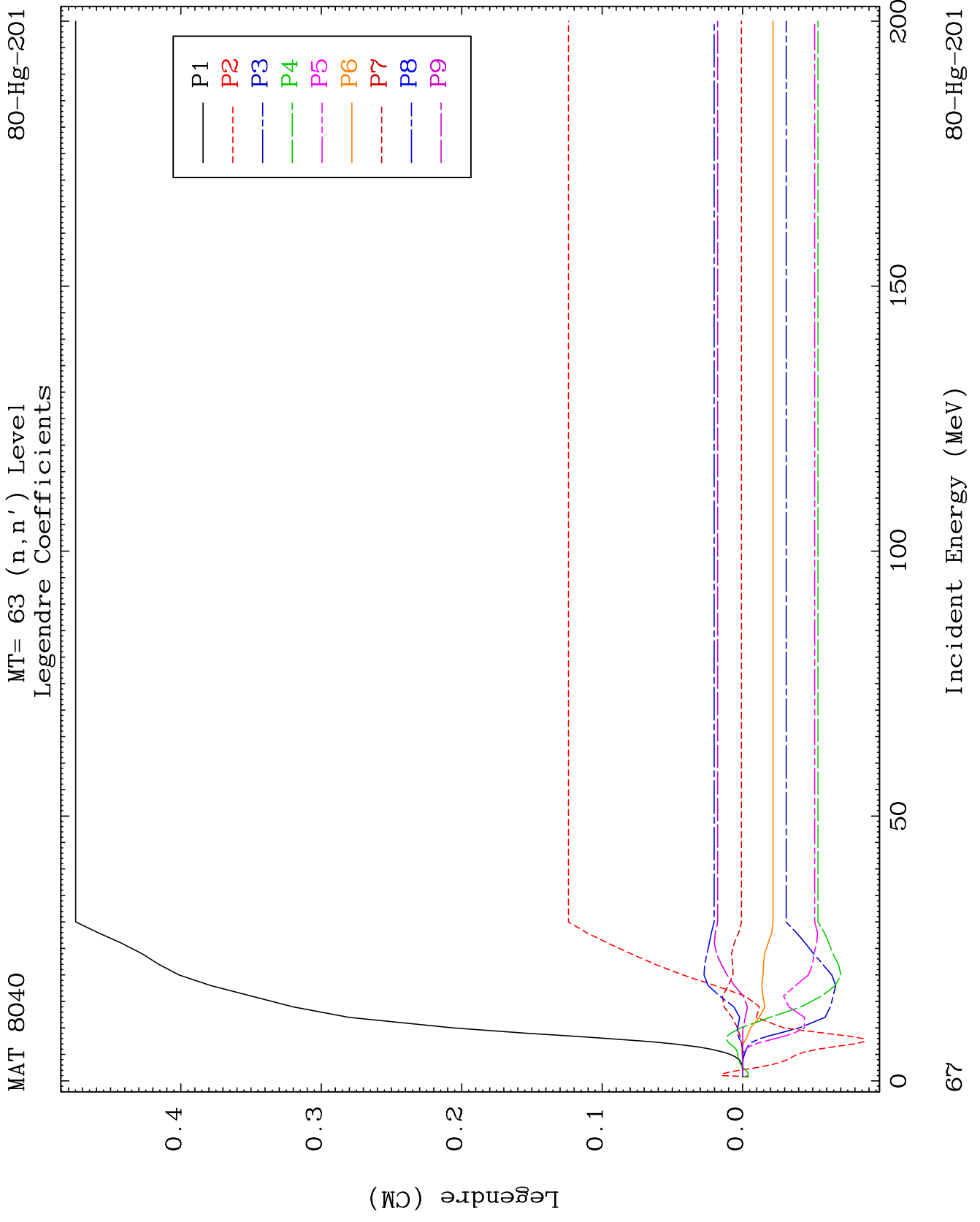


65

Incident Energy (MeV)

80-Hg-201

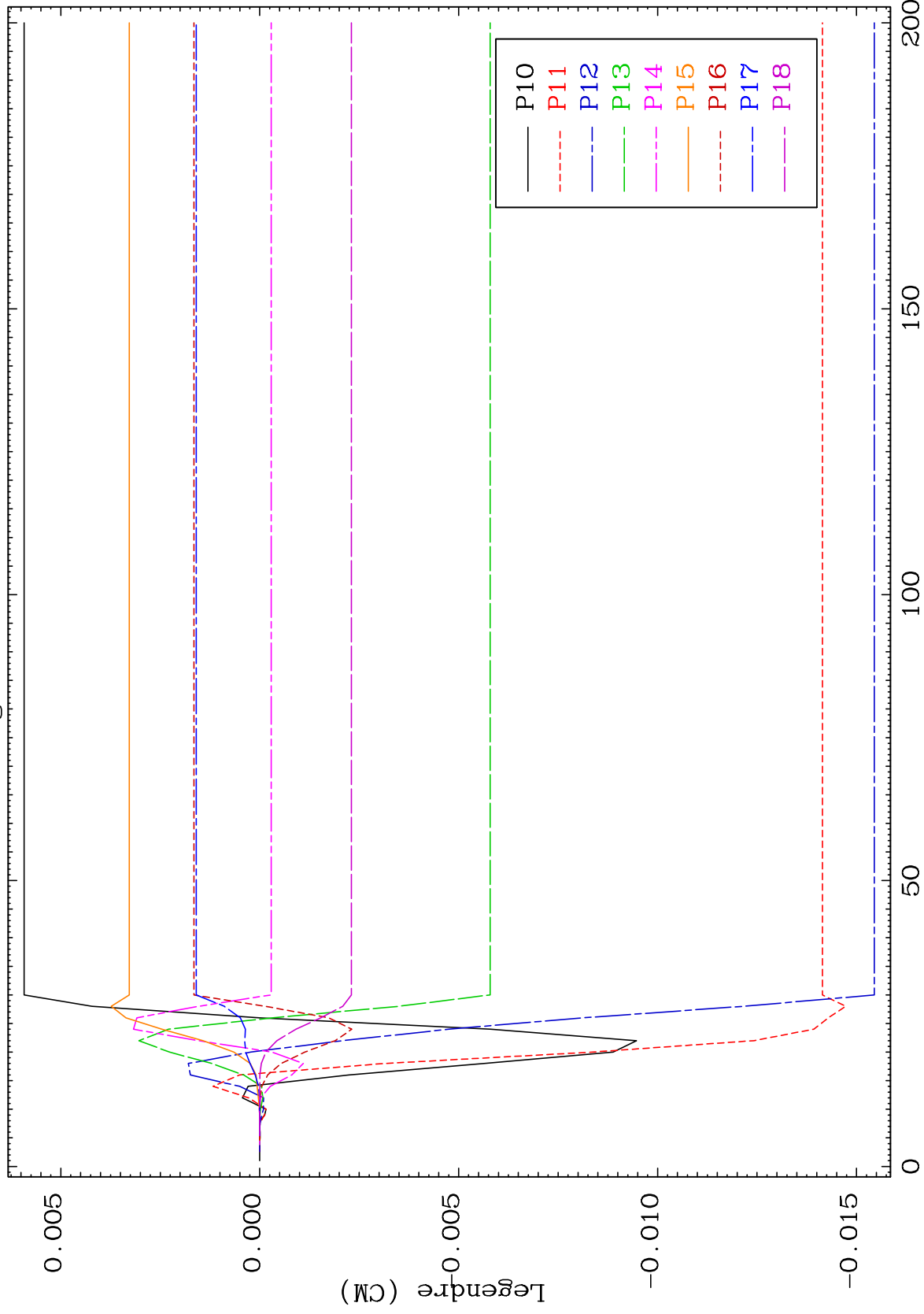




MAT 8040

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

80-Hg-201



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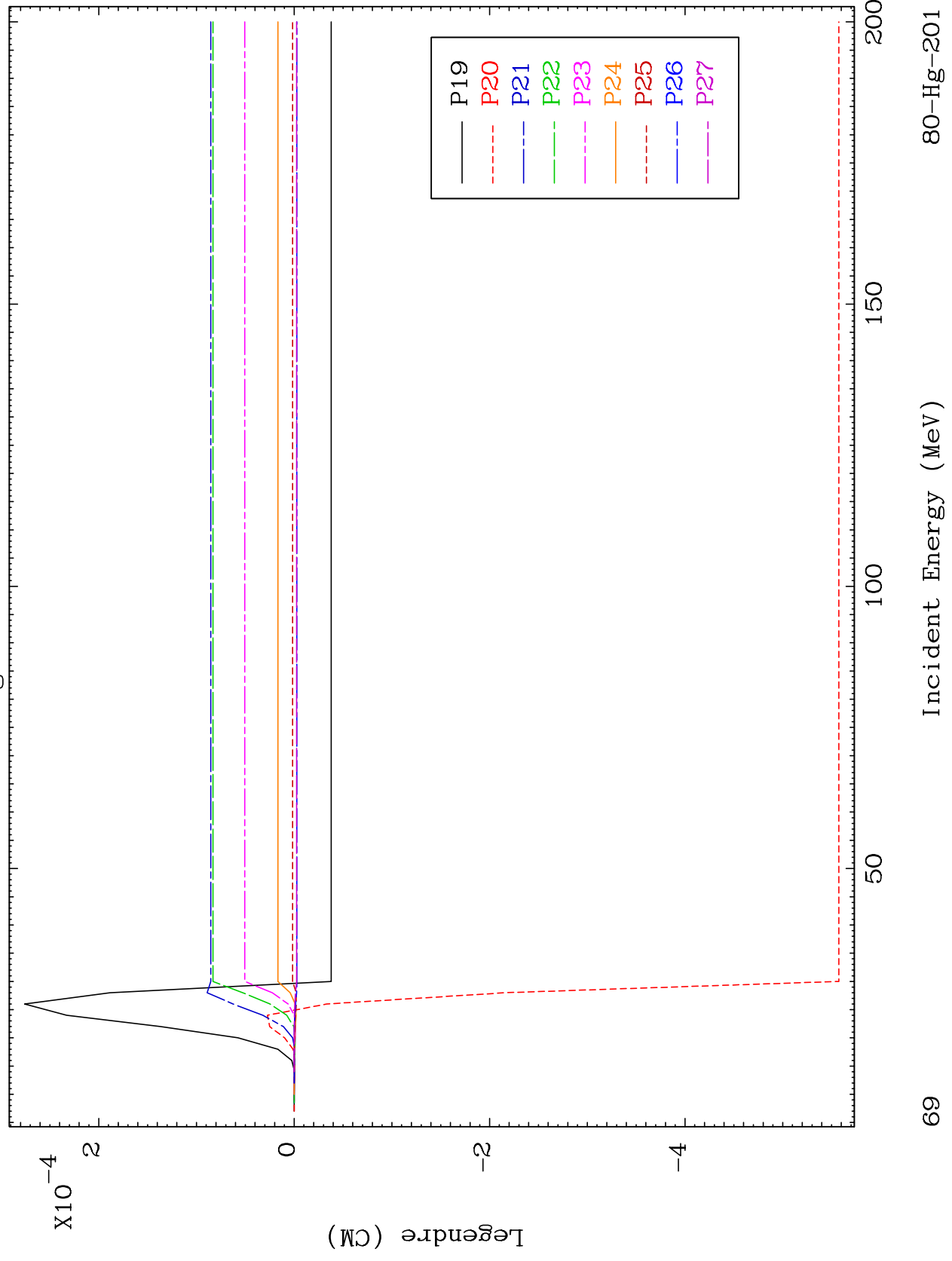
Incident Energy (MeV)

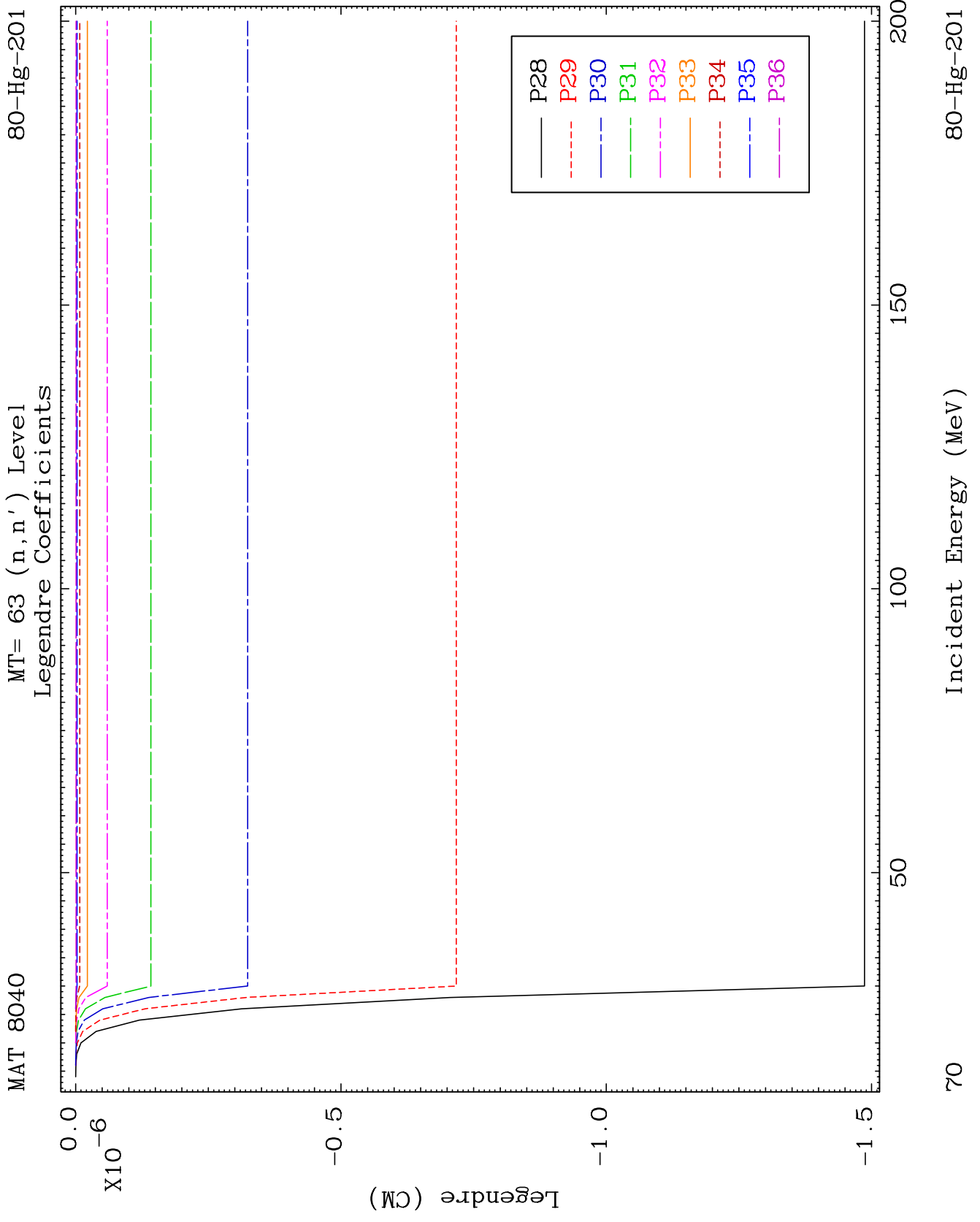
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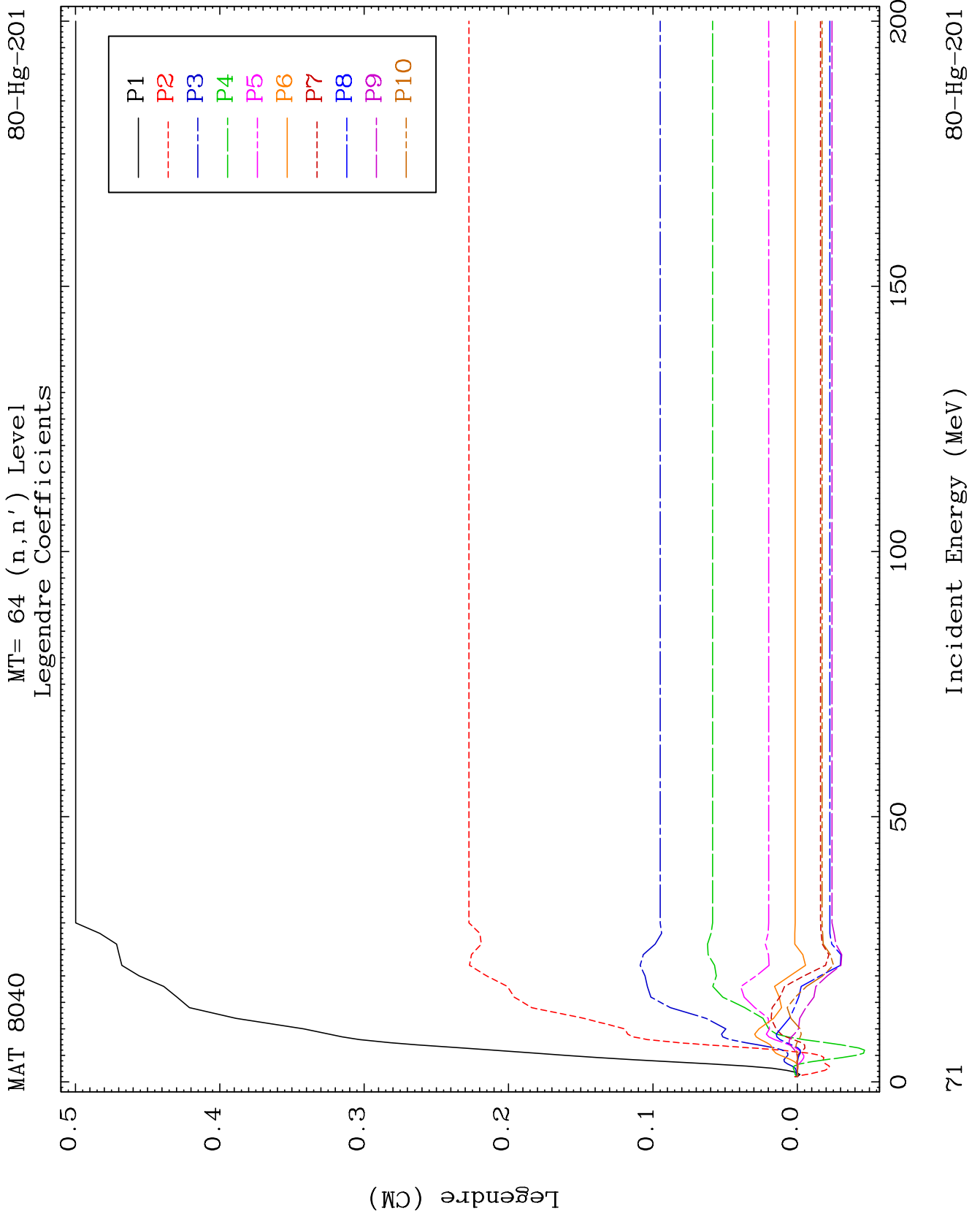
MAT 8040

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

80-Hg-201





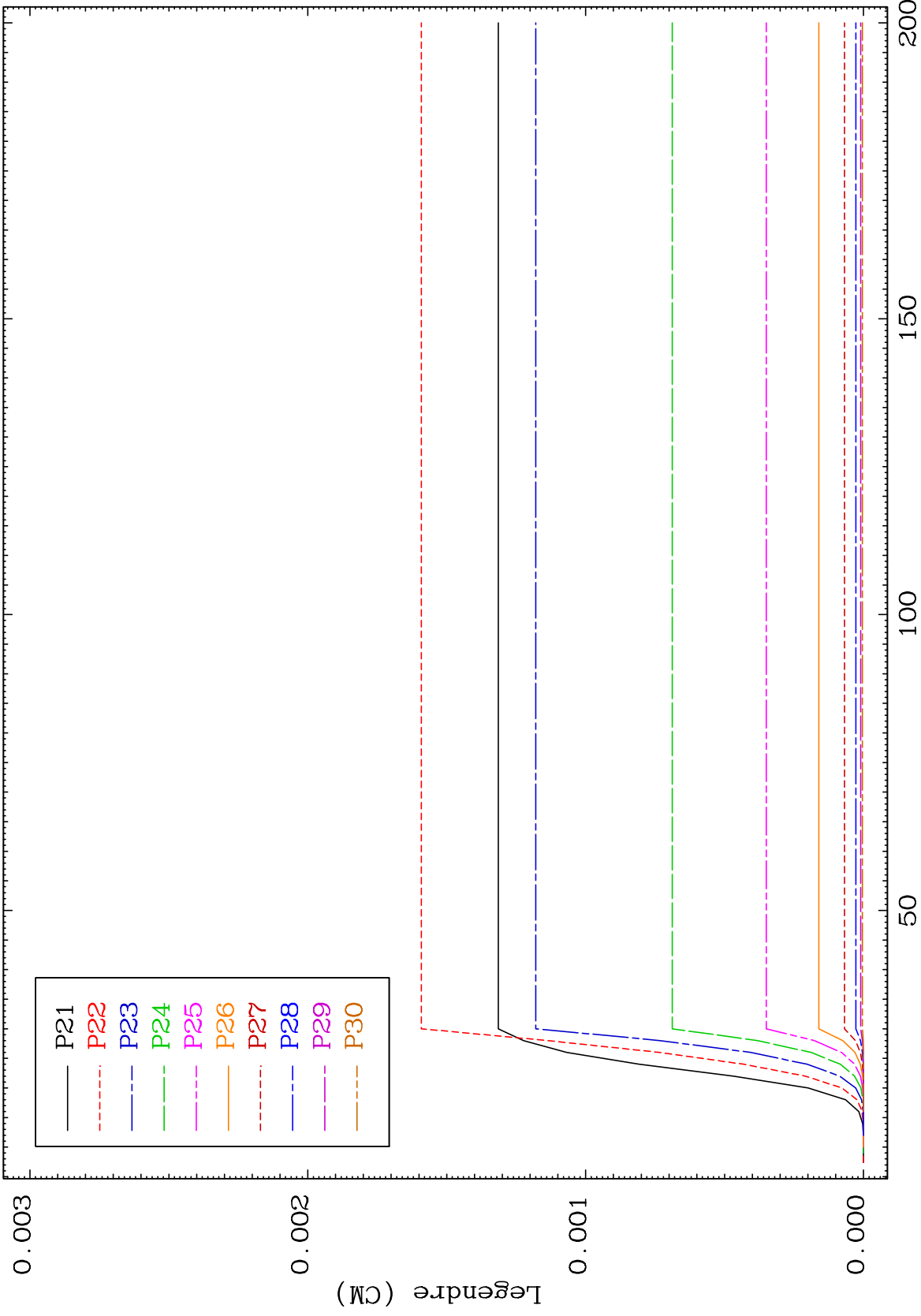




MAT 8040

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

80-Hg-201



73

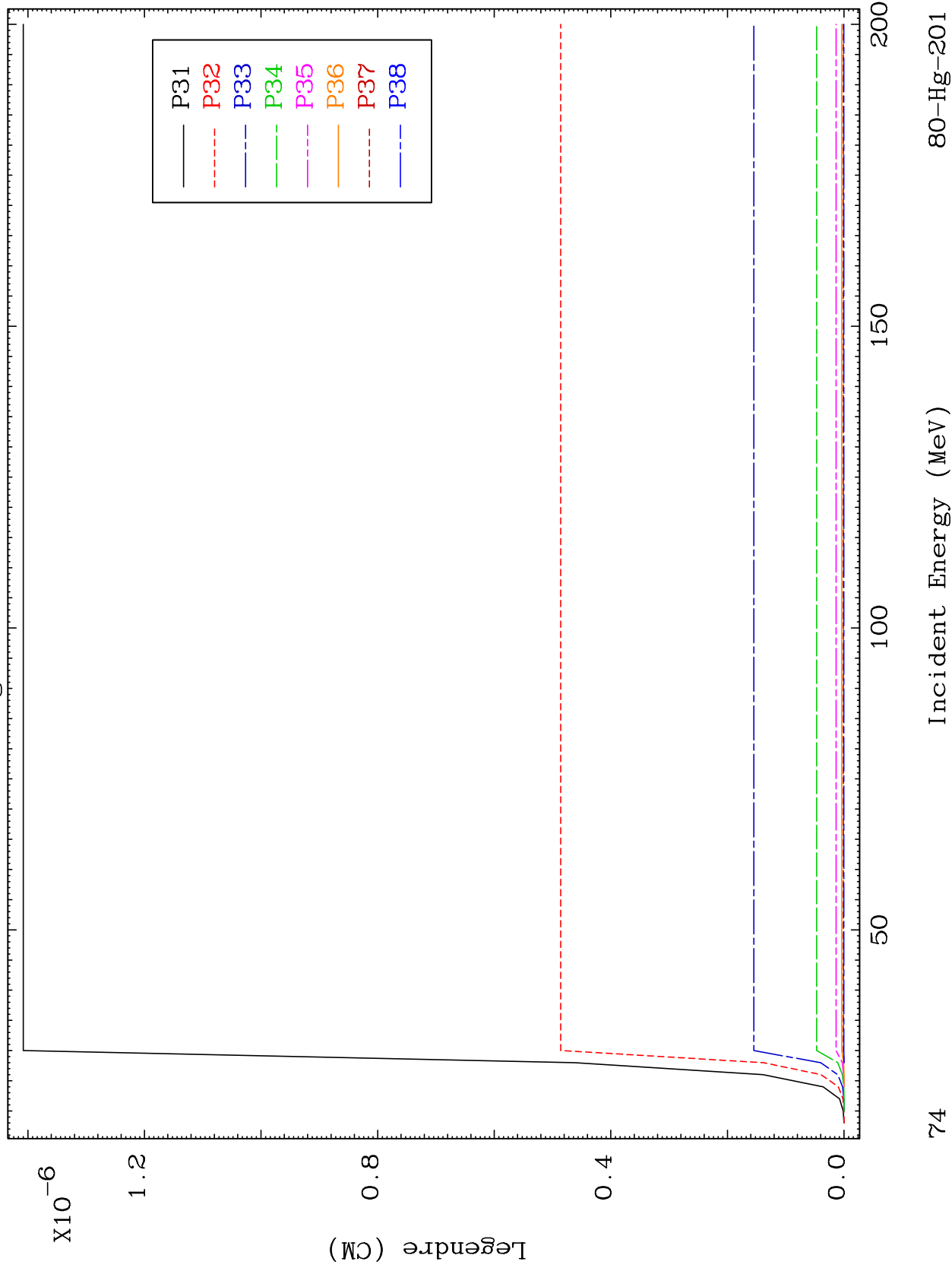
Incident Energy (MeV)

80-Hg-201

MAT 8040

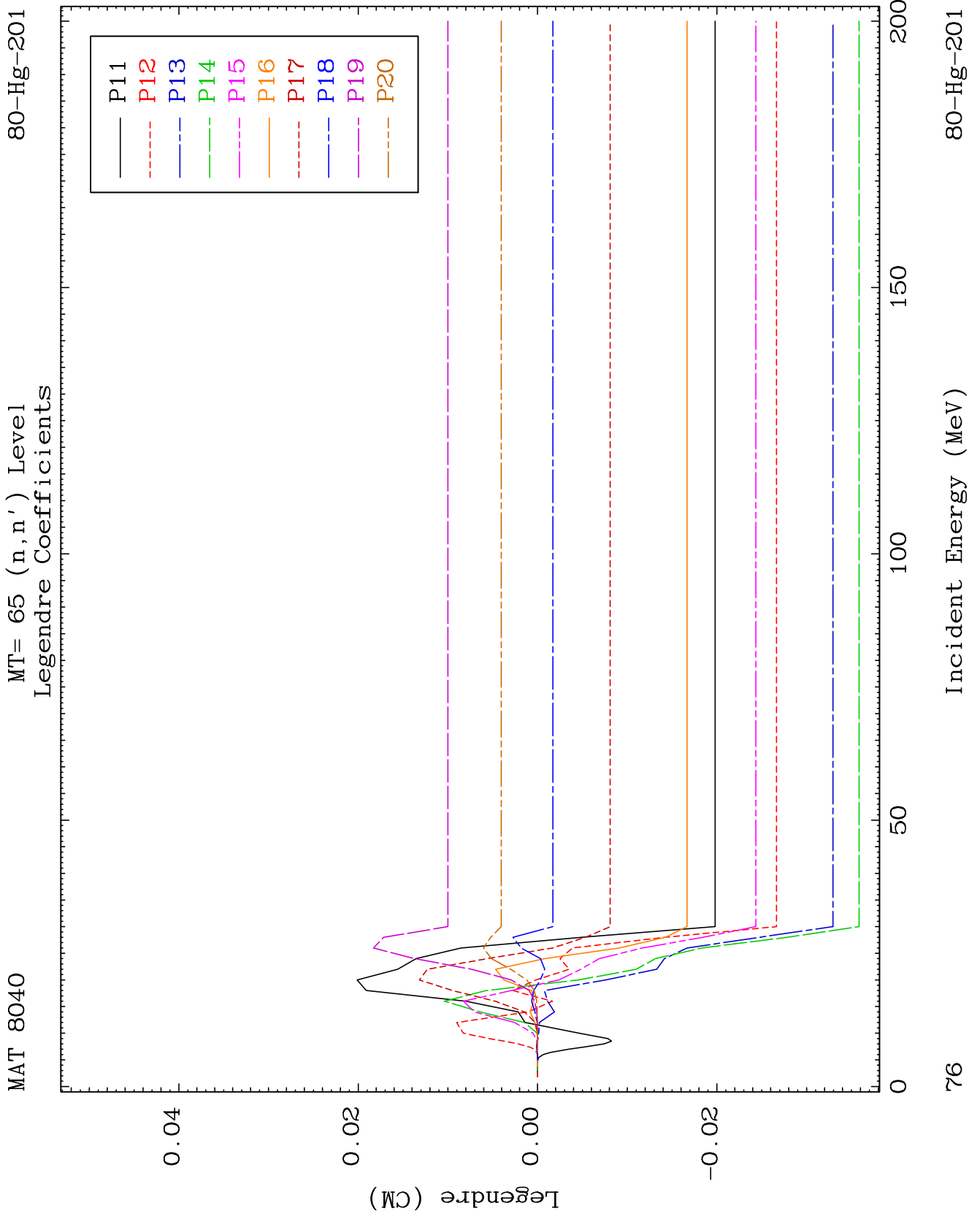
MT= 64 (n,n') Level  
Legendre Coefficients

80-Hg-201



74

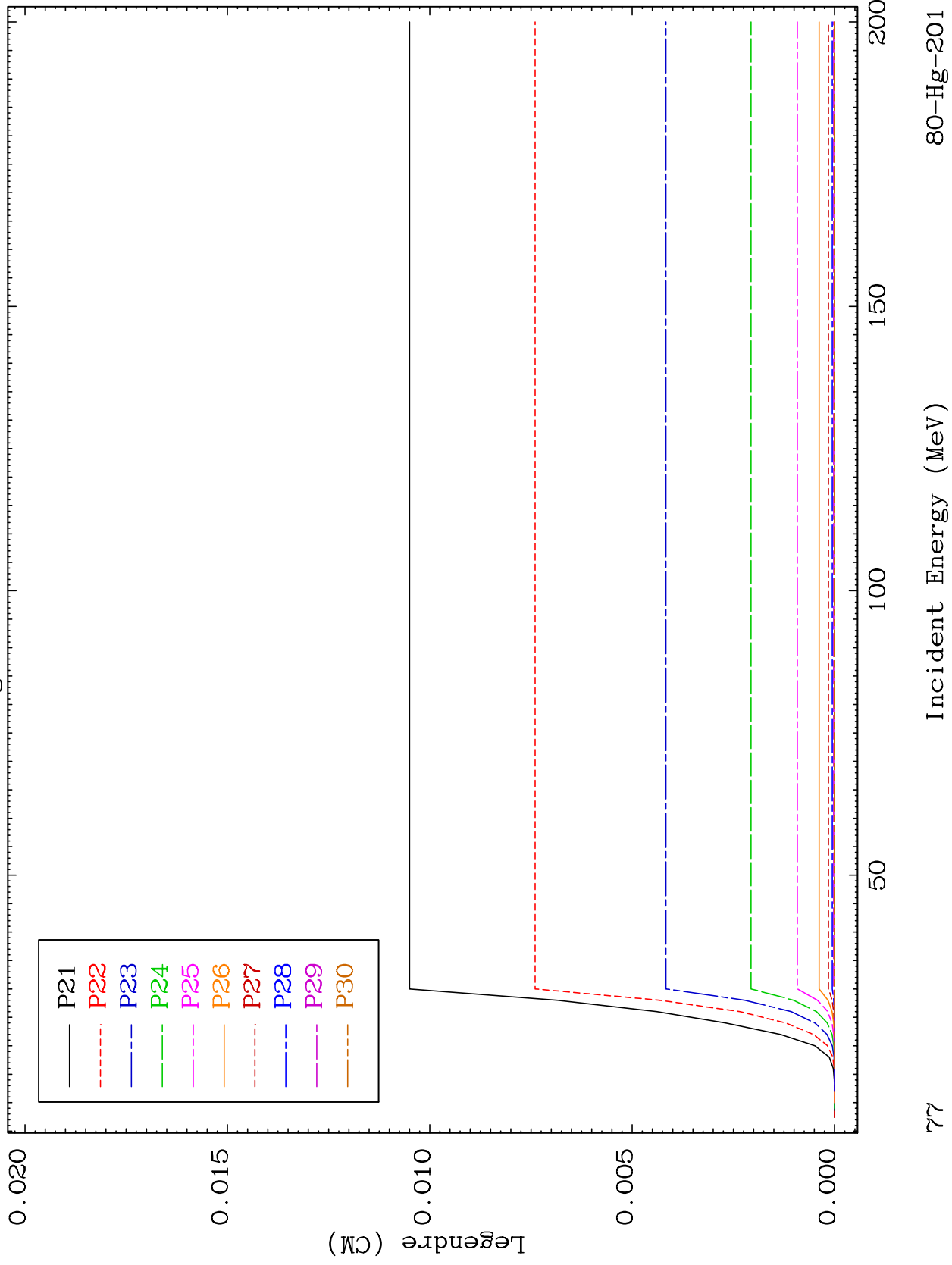




MAT 8040

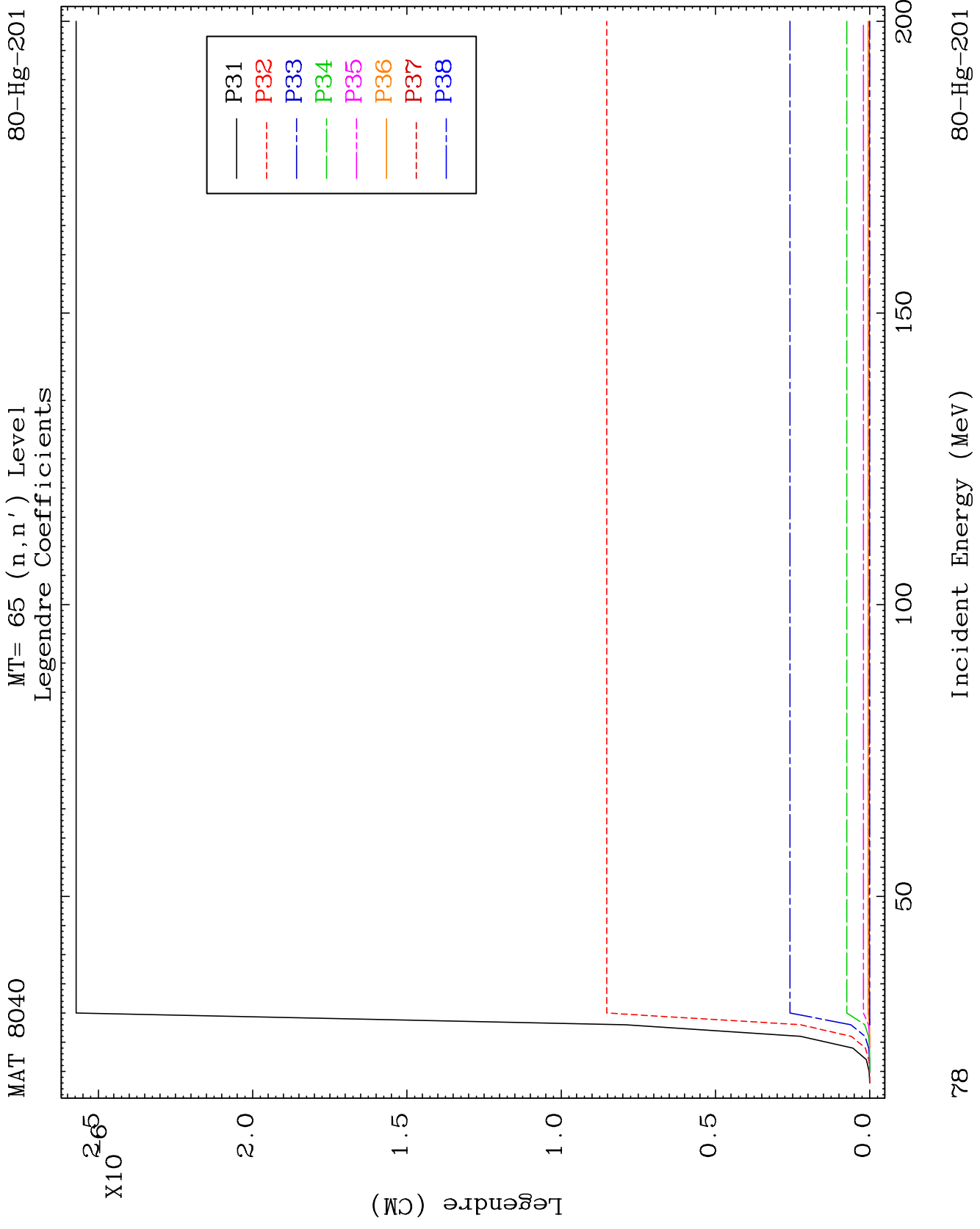
MT= 65 (n,n') Level  
Legendre Coefficients

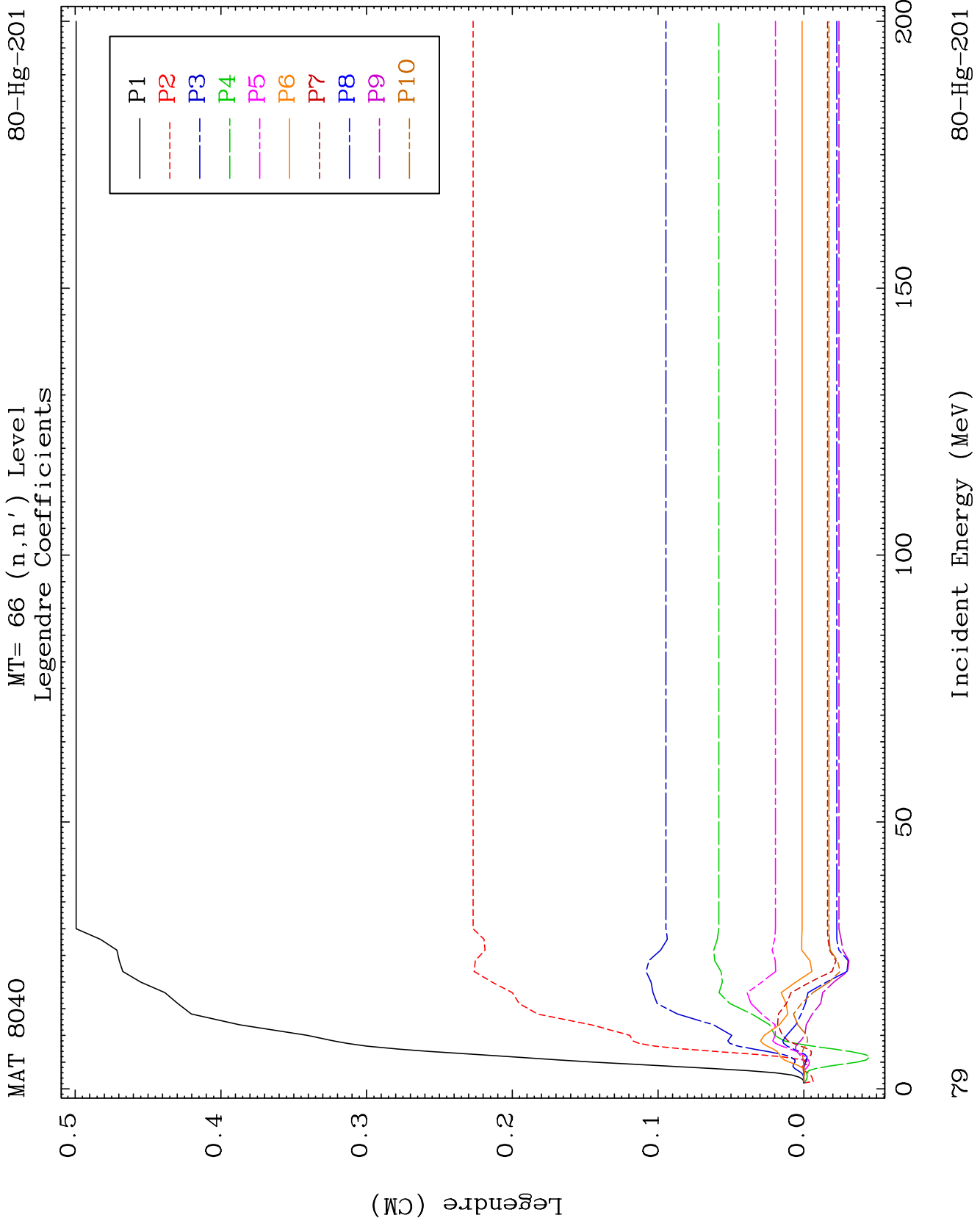
80-Hg-201

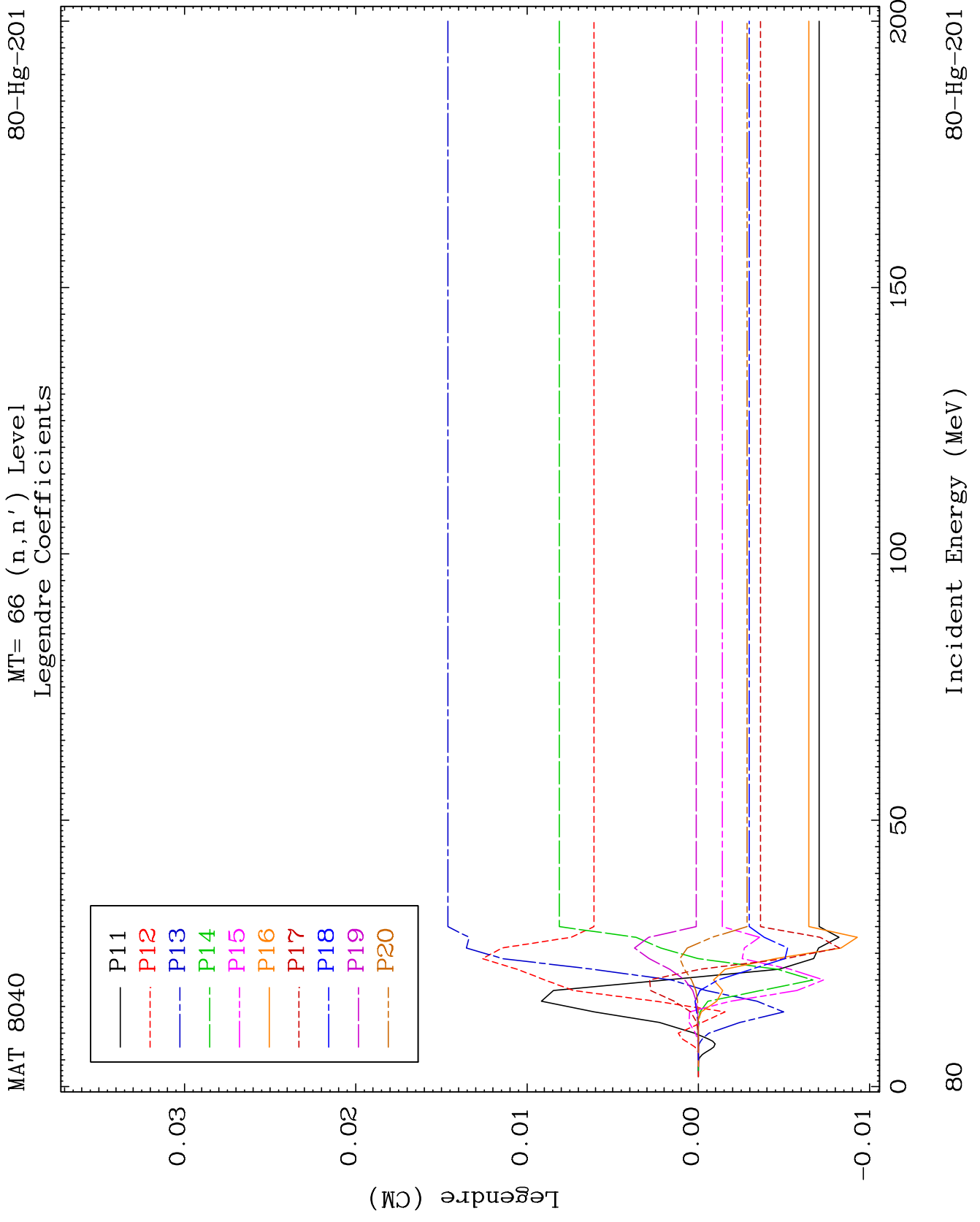


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80-Hg-201



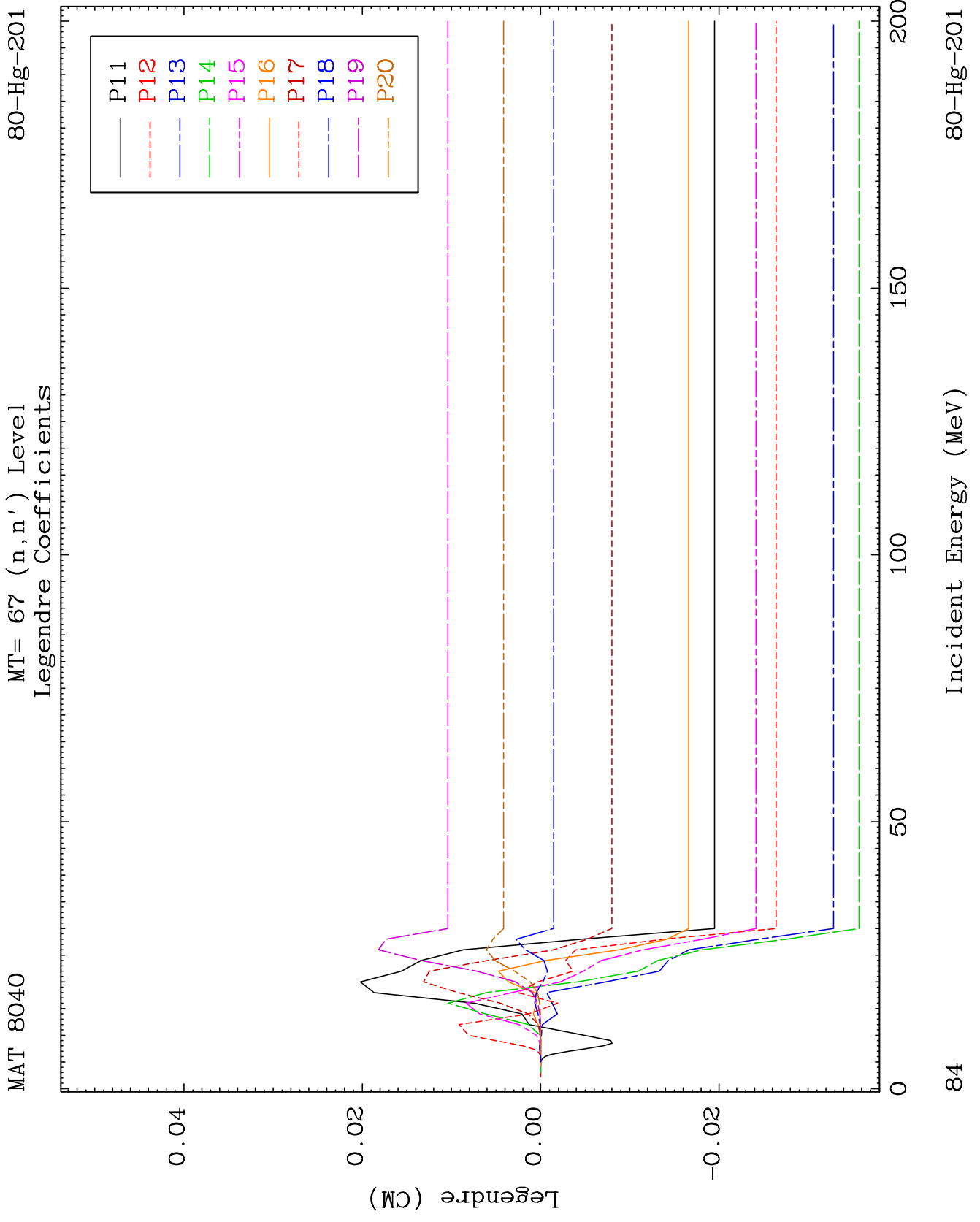


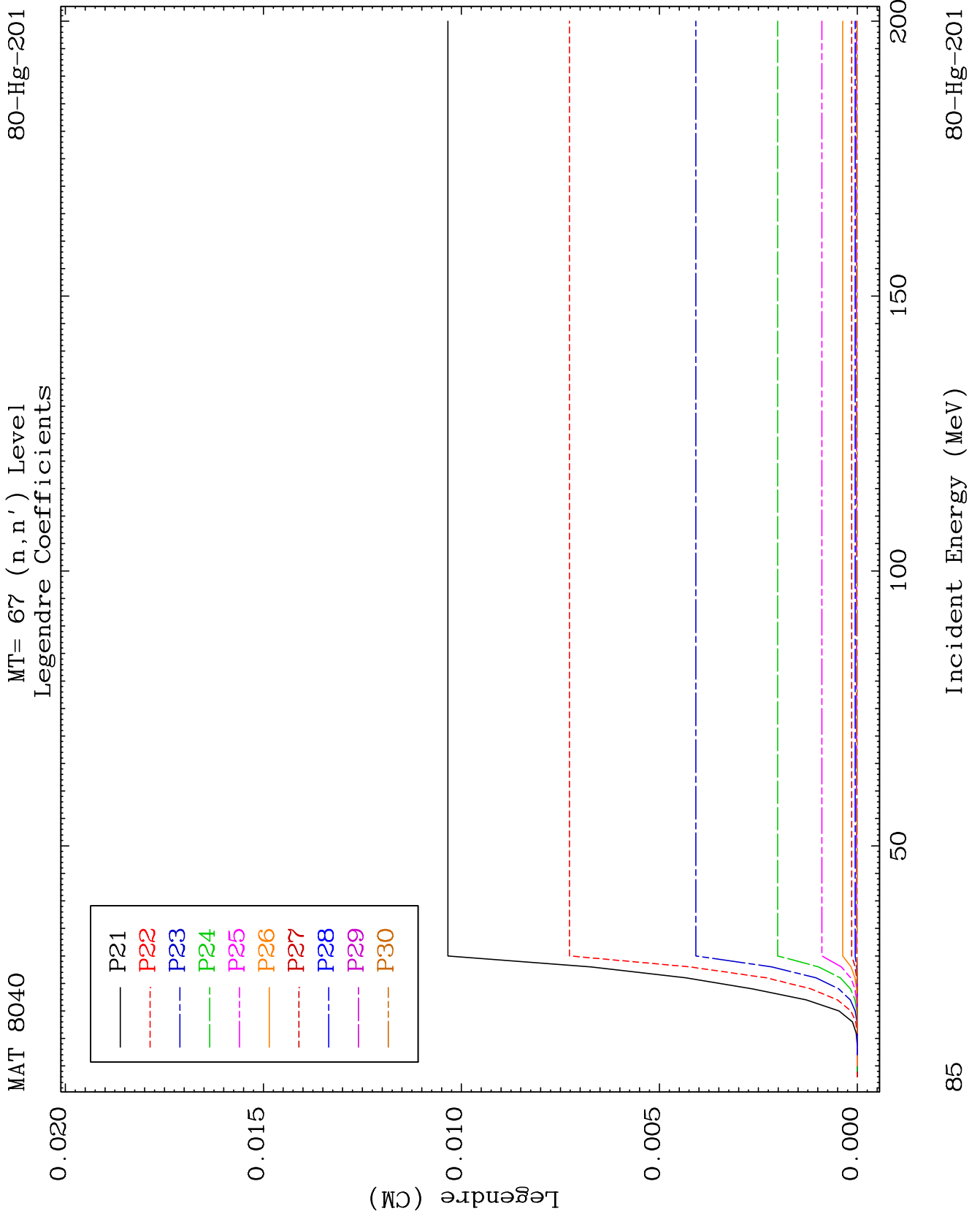






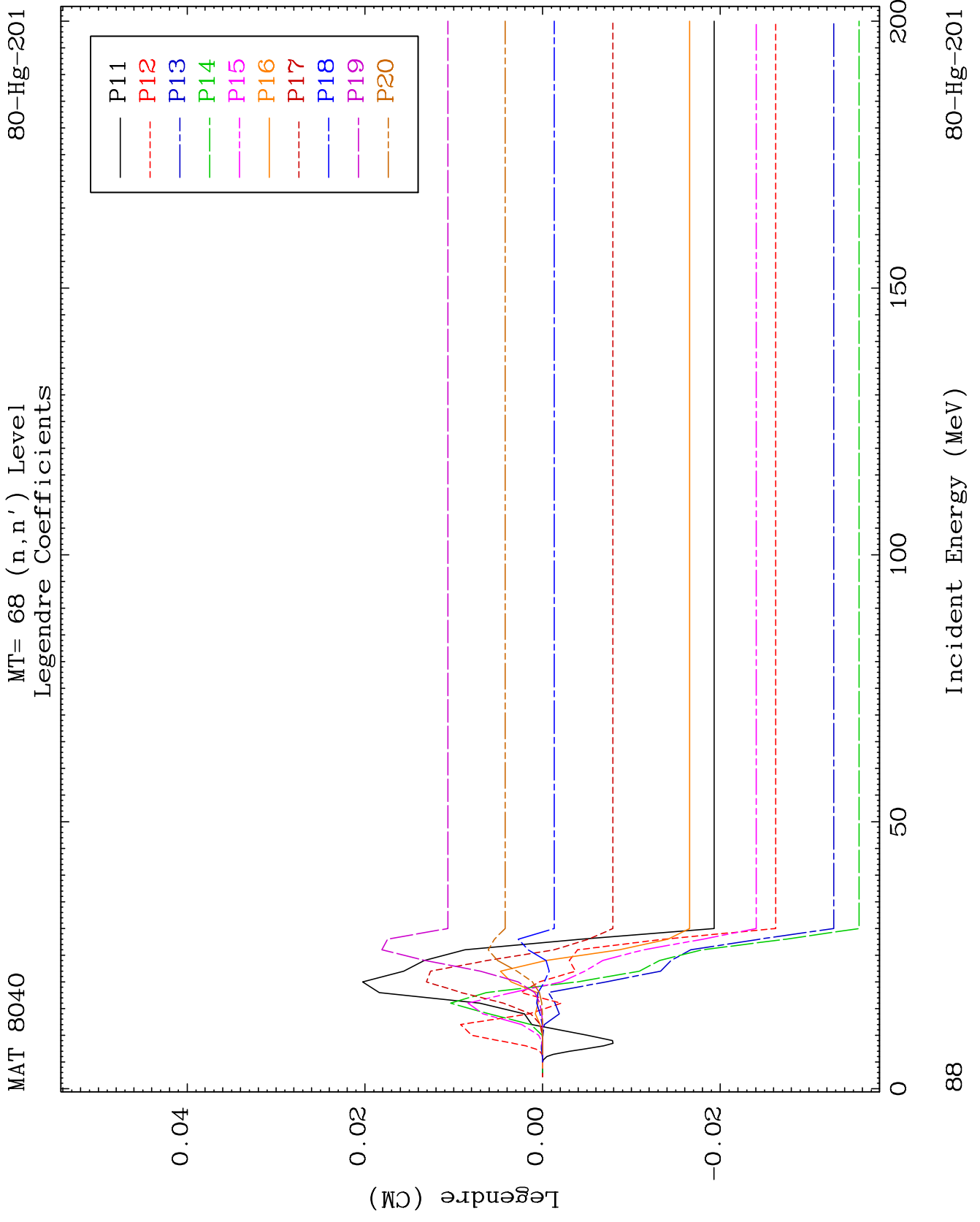








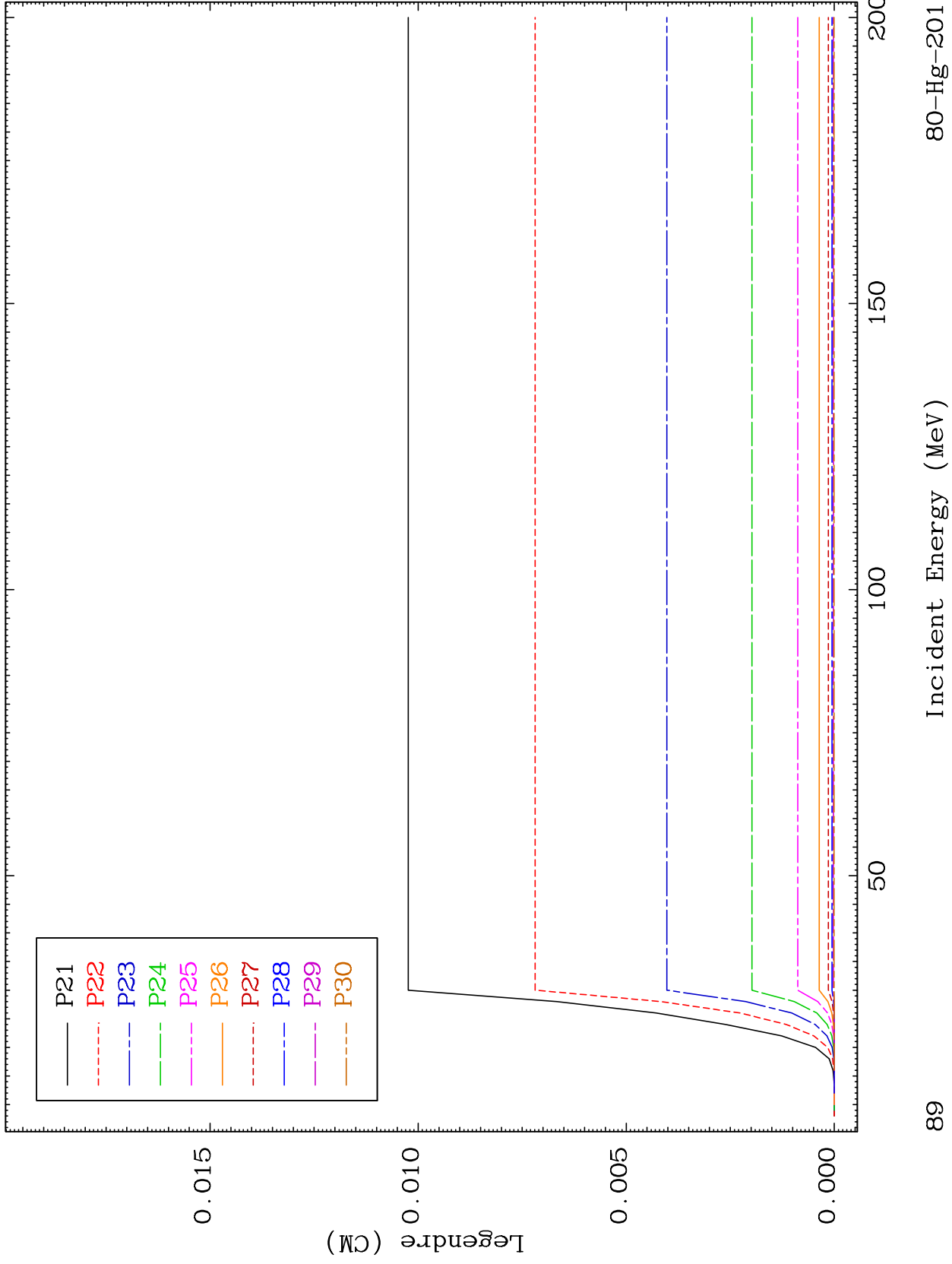




MAT 8040

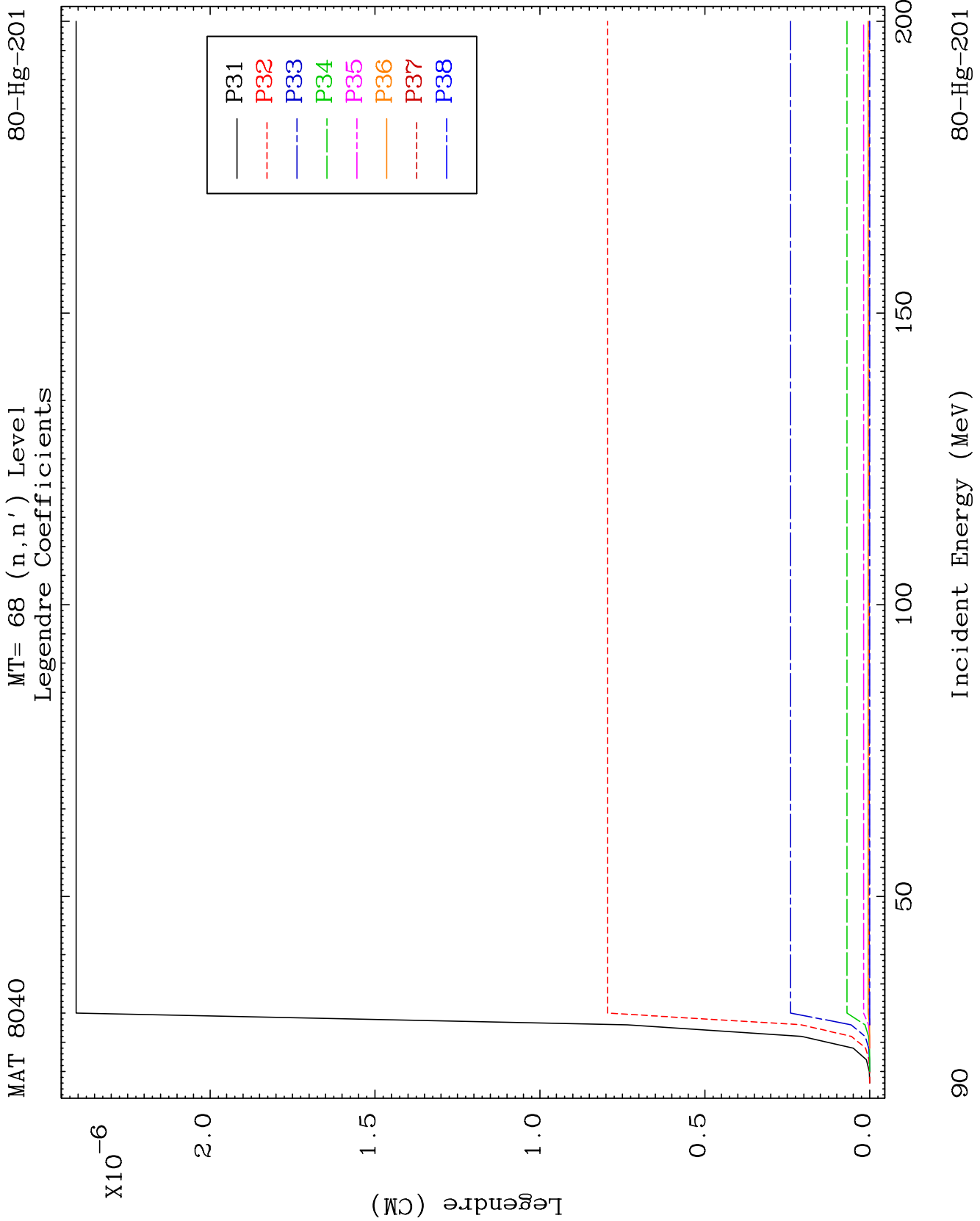
MT= 68 (n,n') Level  
Legendre Coefficients

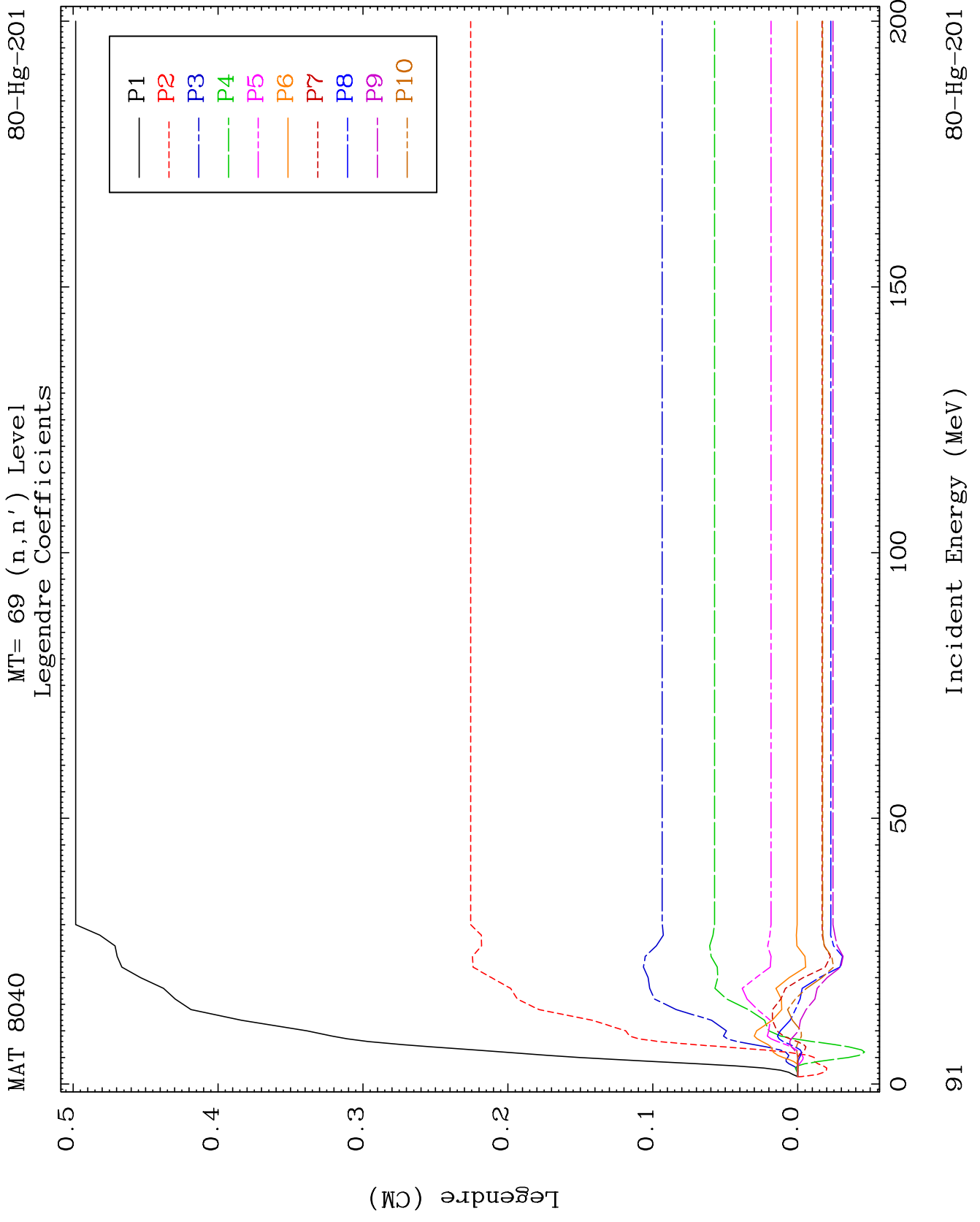
80-Hg-201



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80-Hg-201

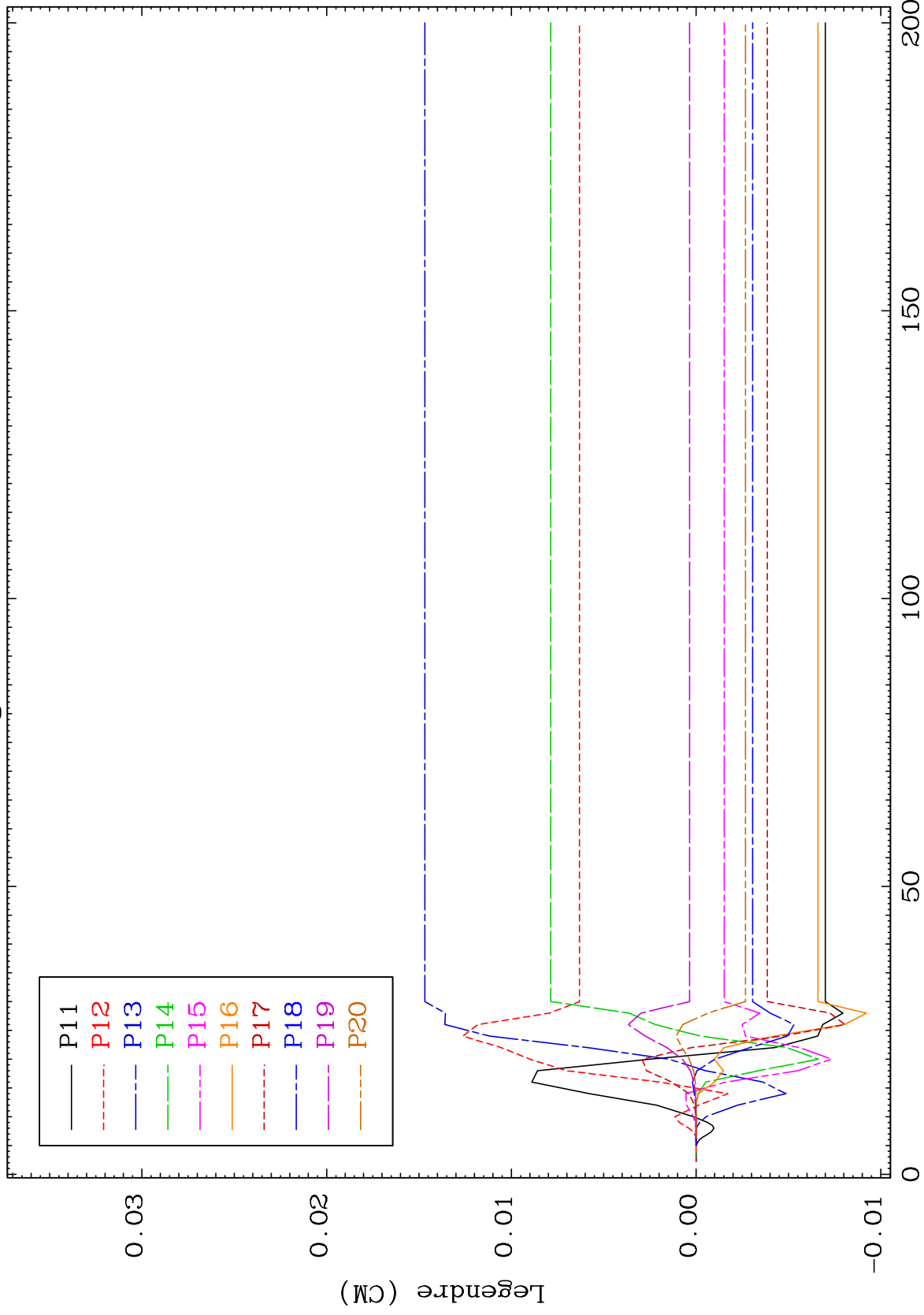




MAT 8040

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

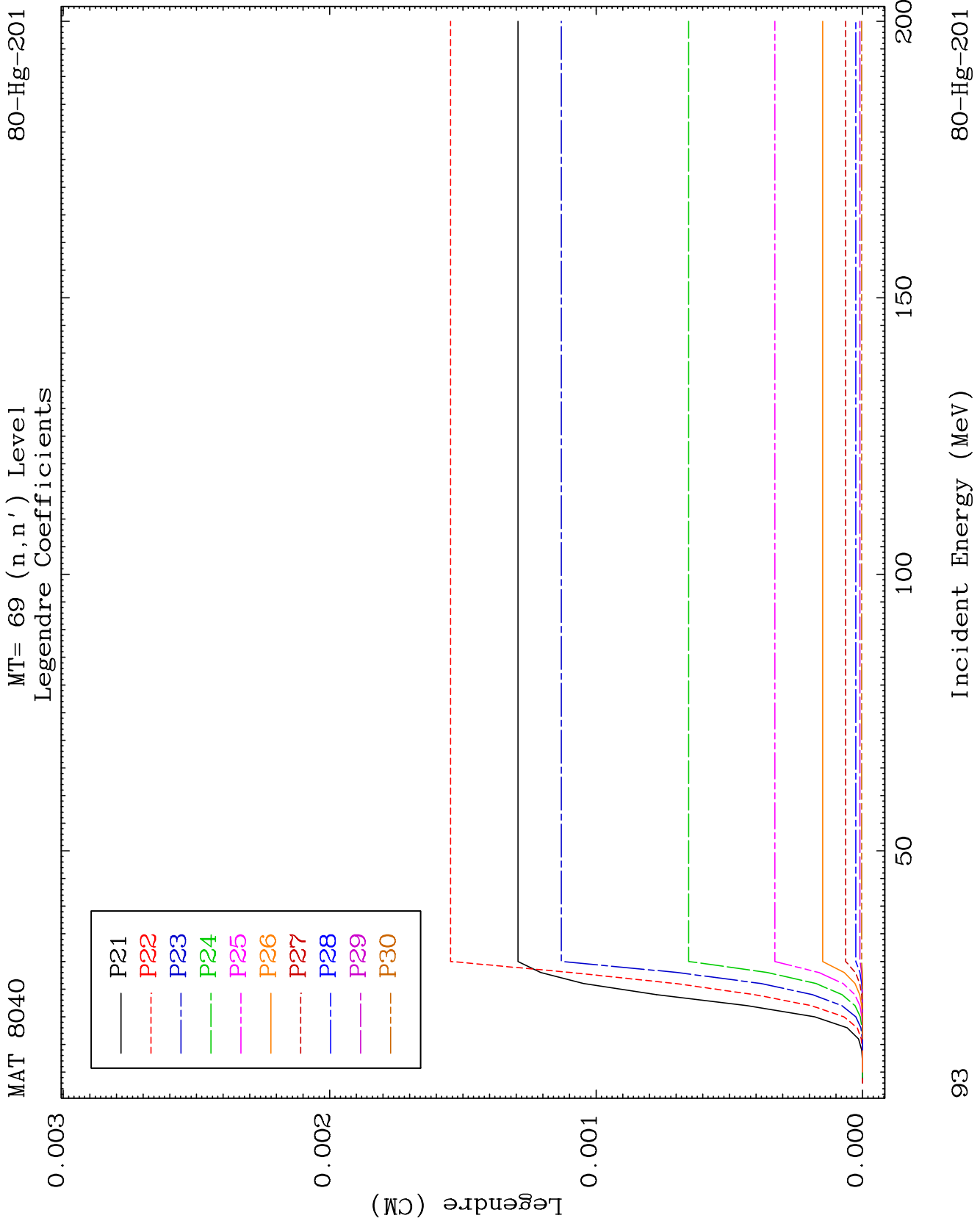
80-Hg-201

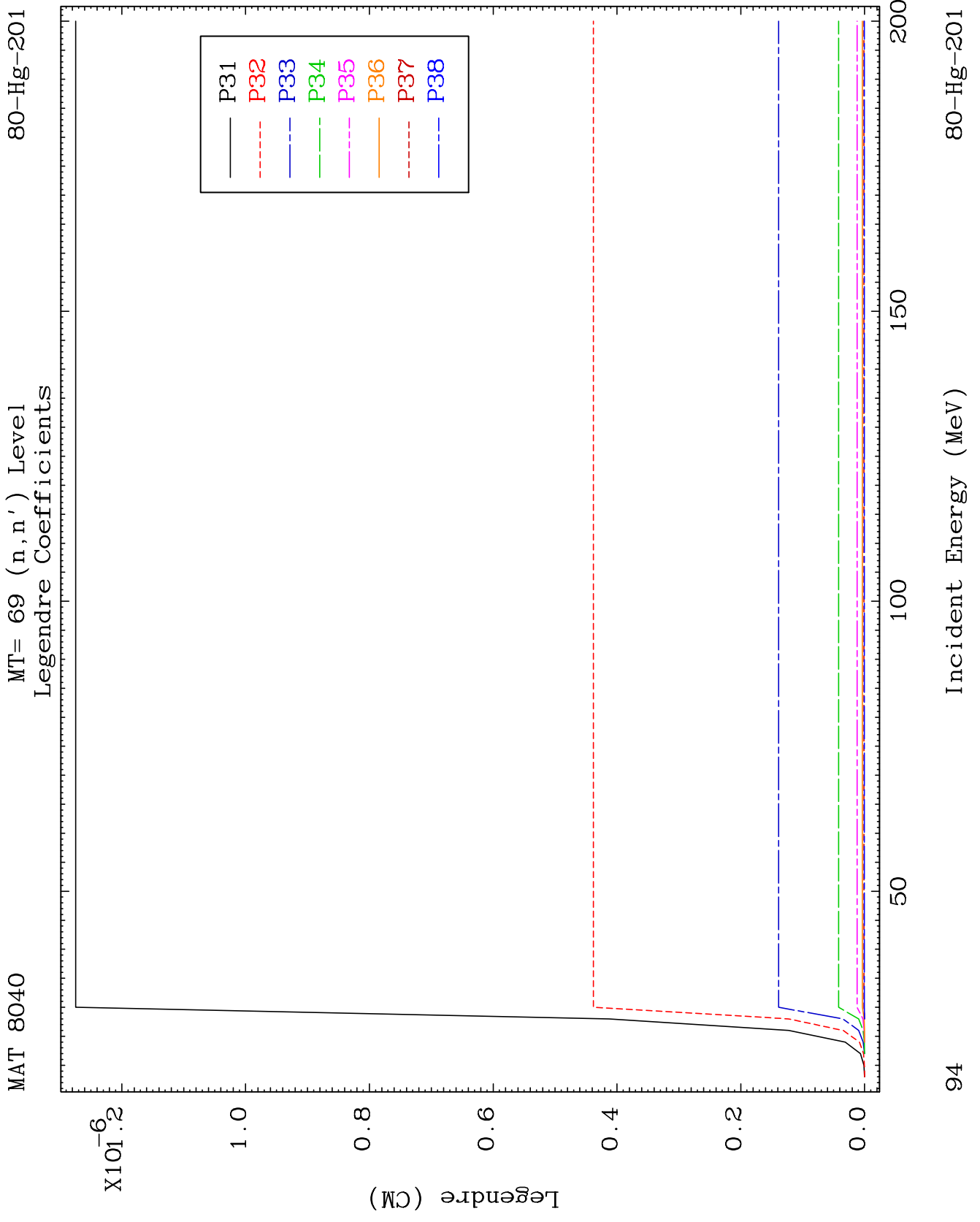


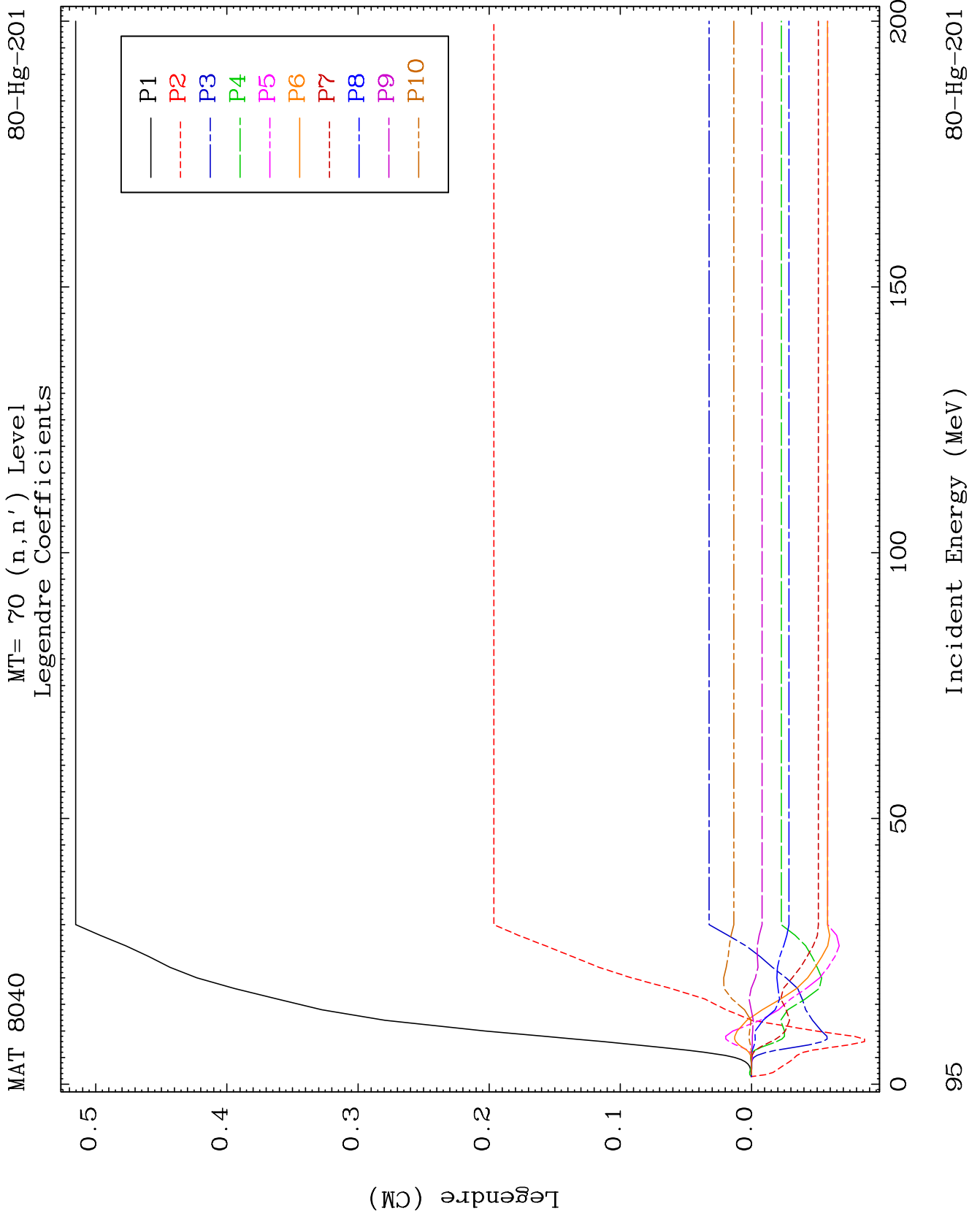
92

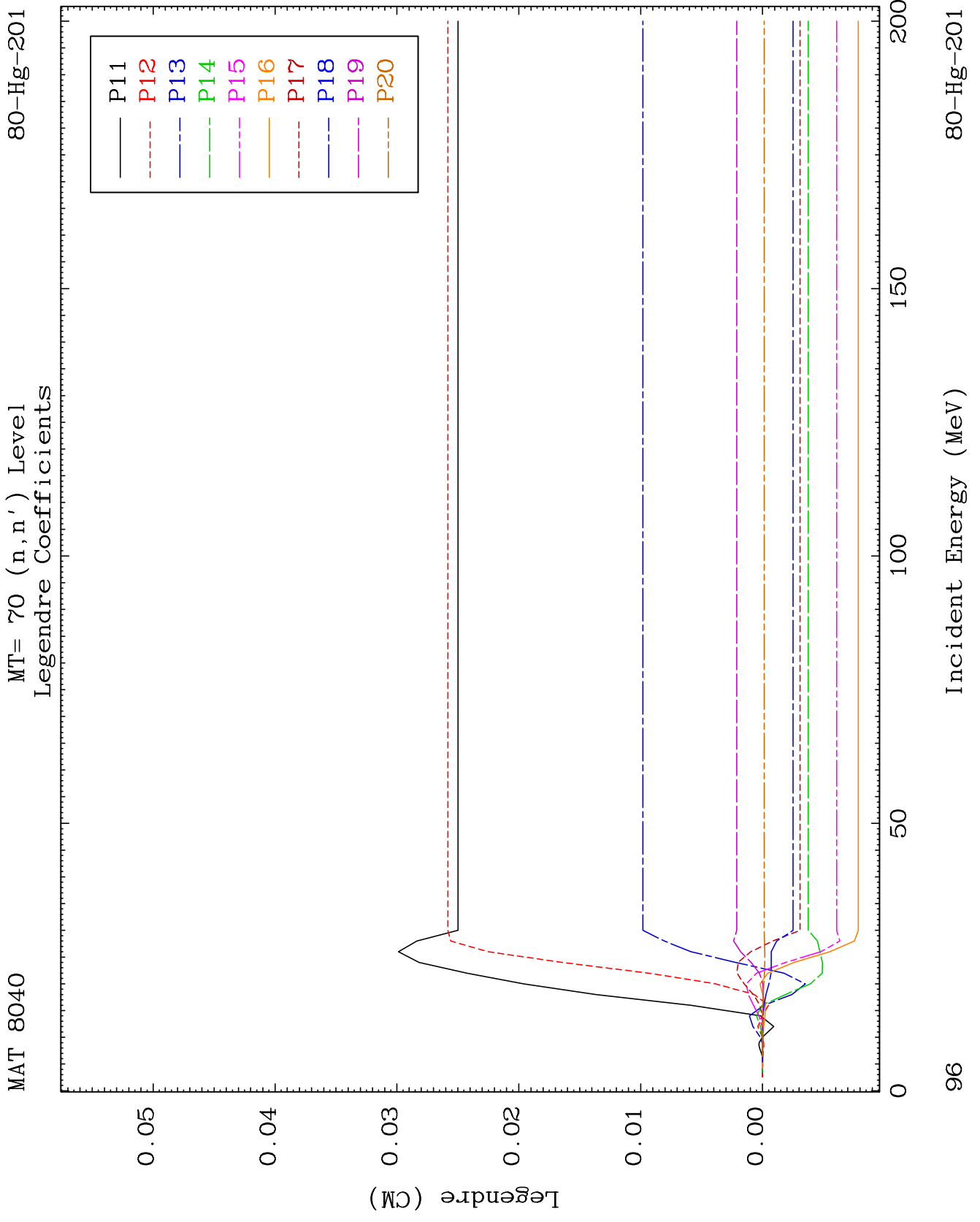
Incident Energy (MeV)

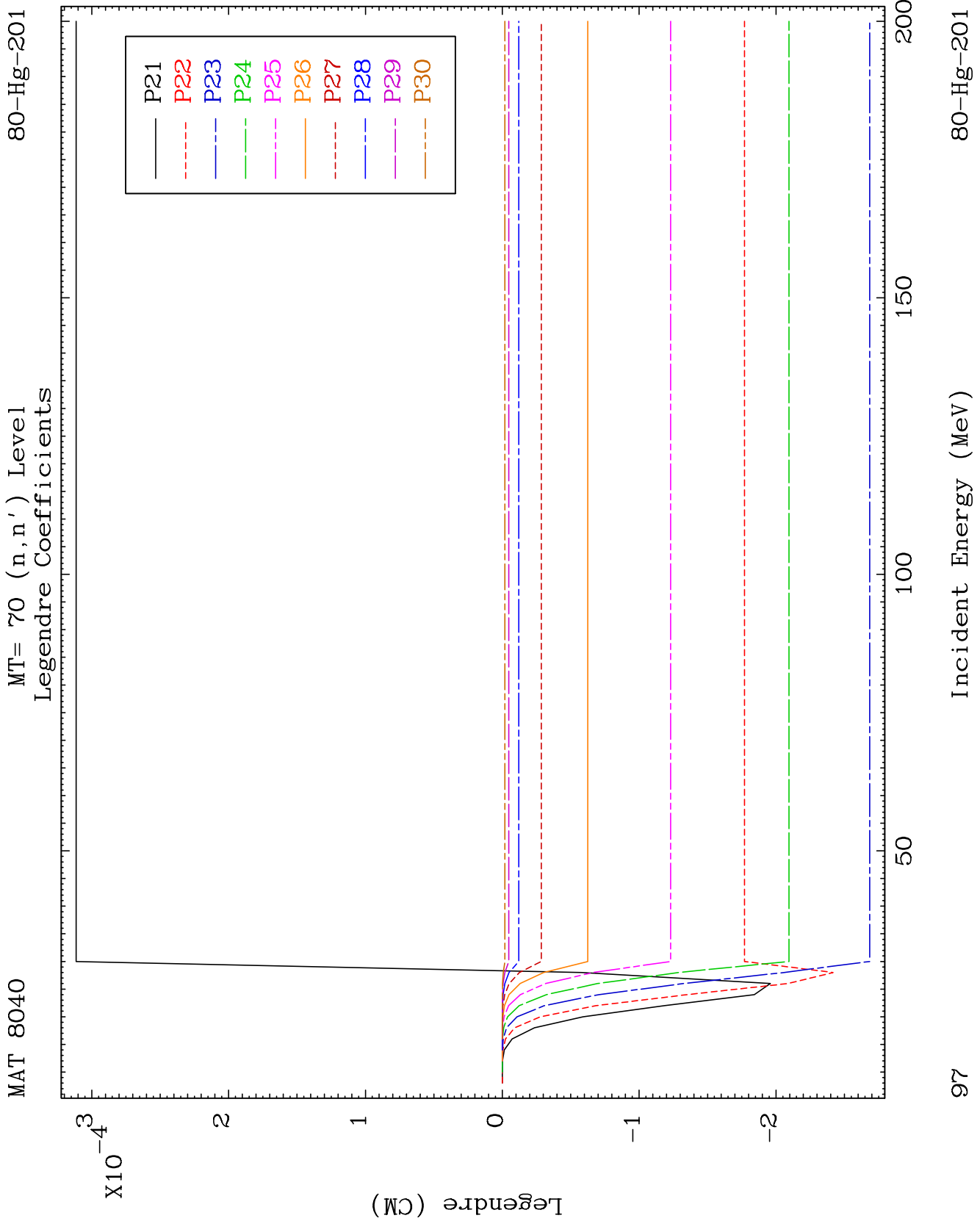
80-Hg-201



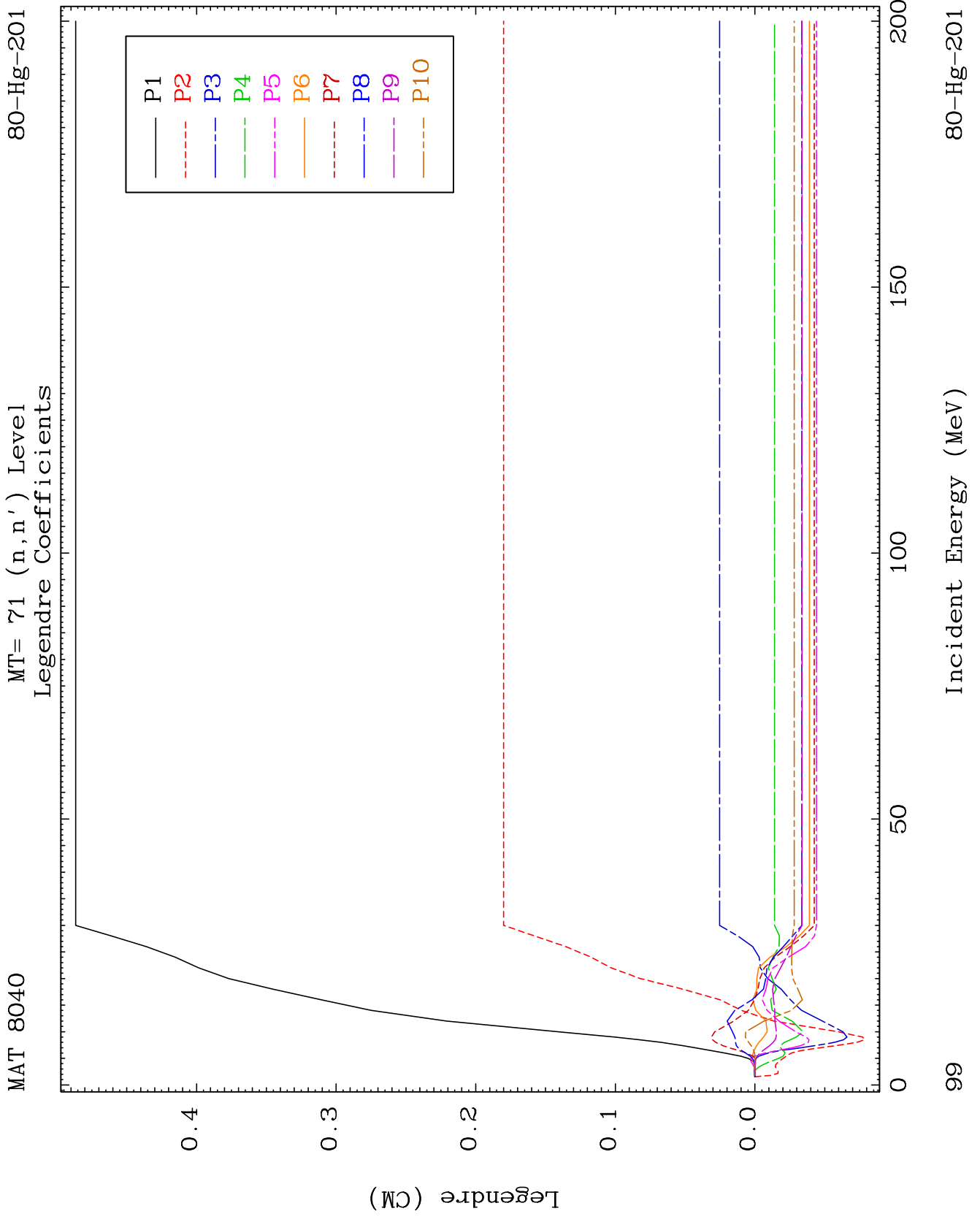


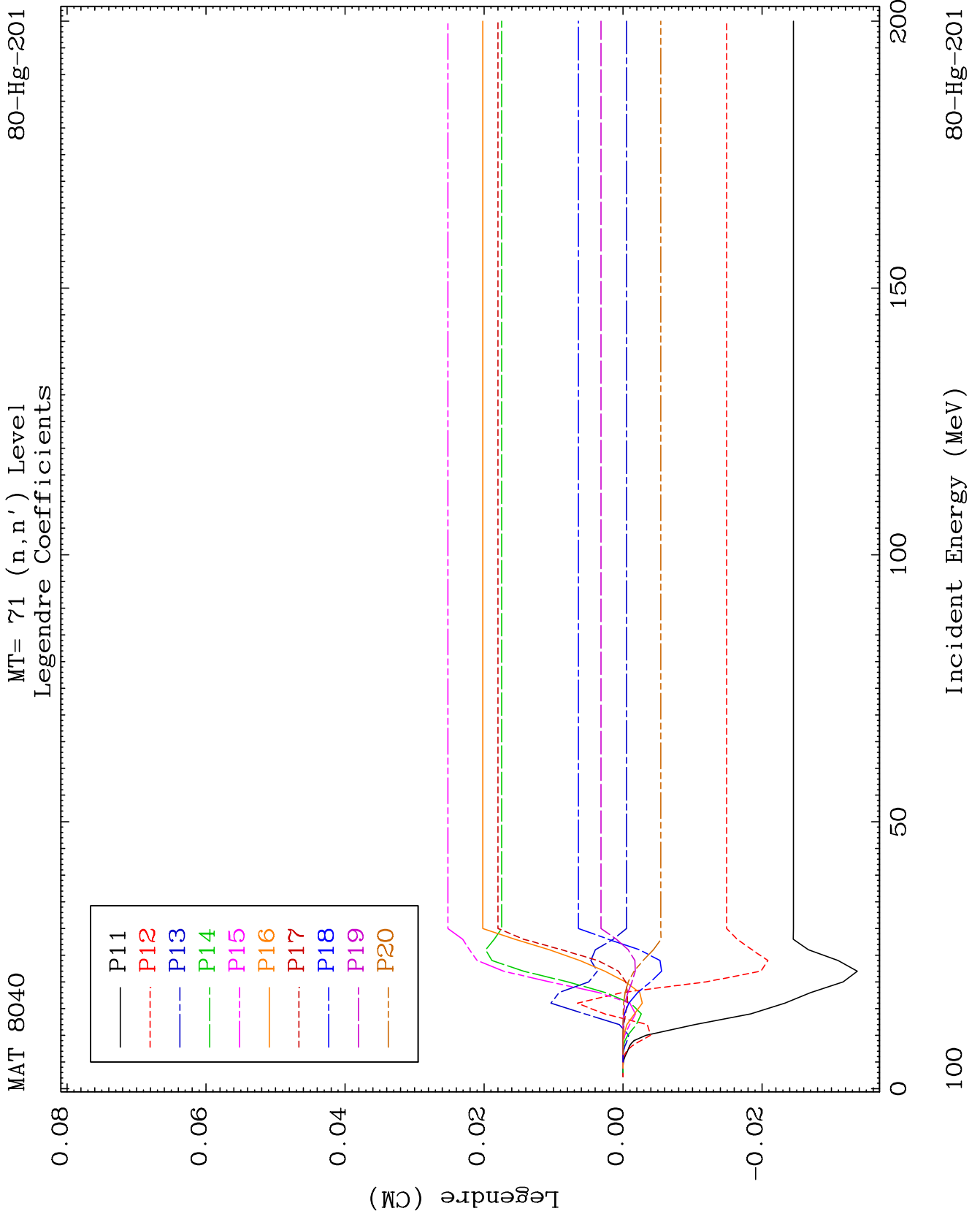


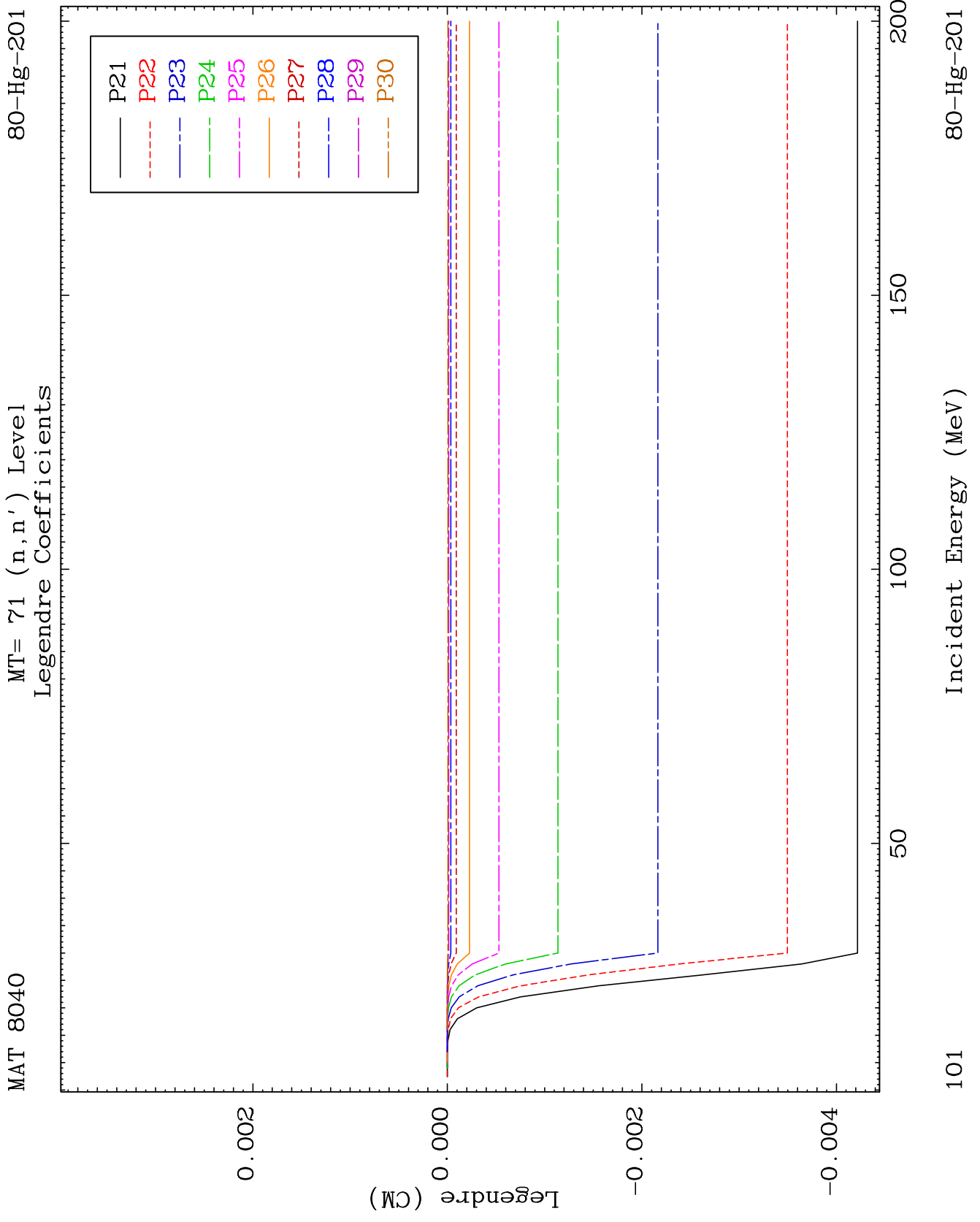


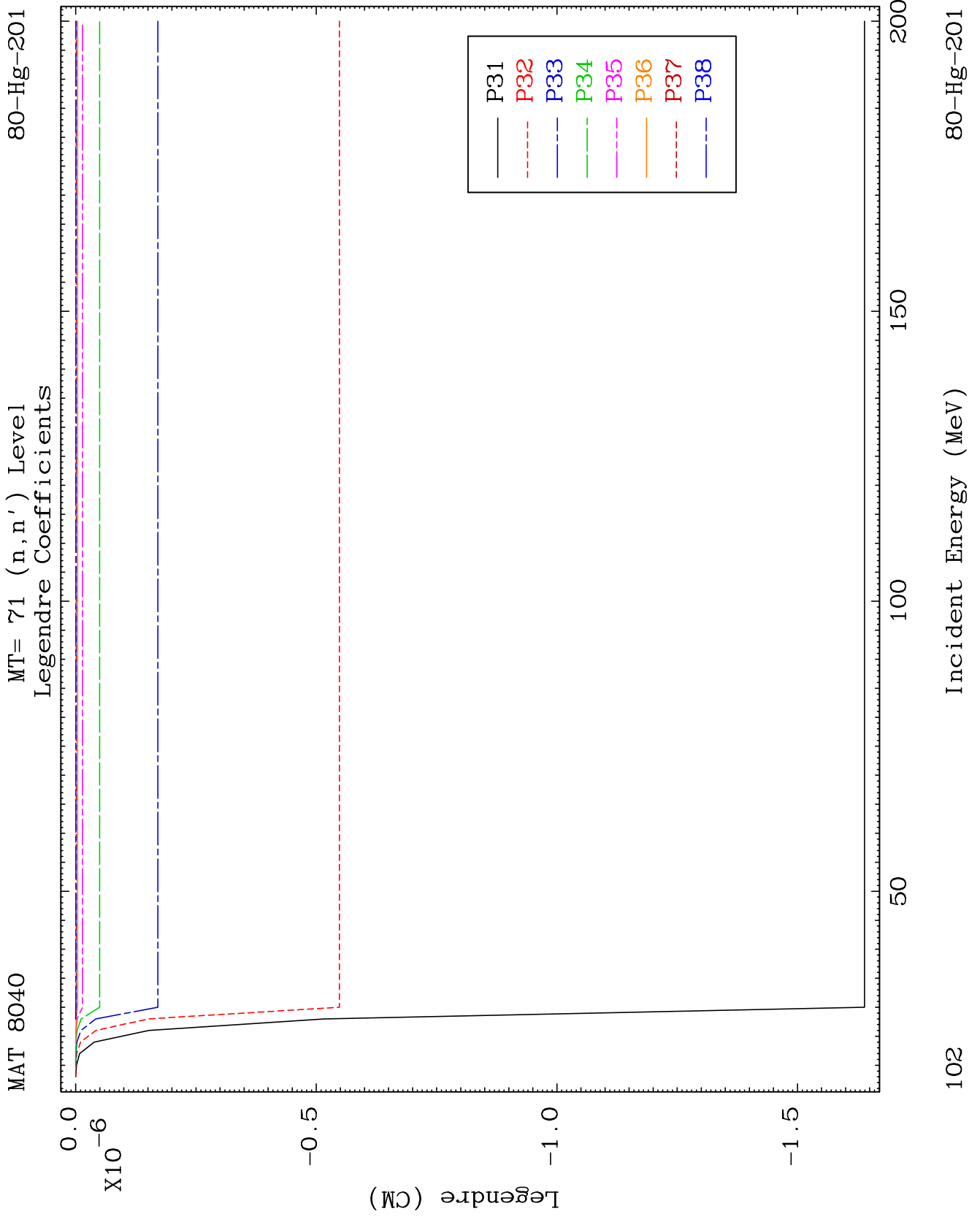


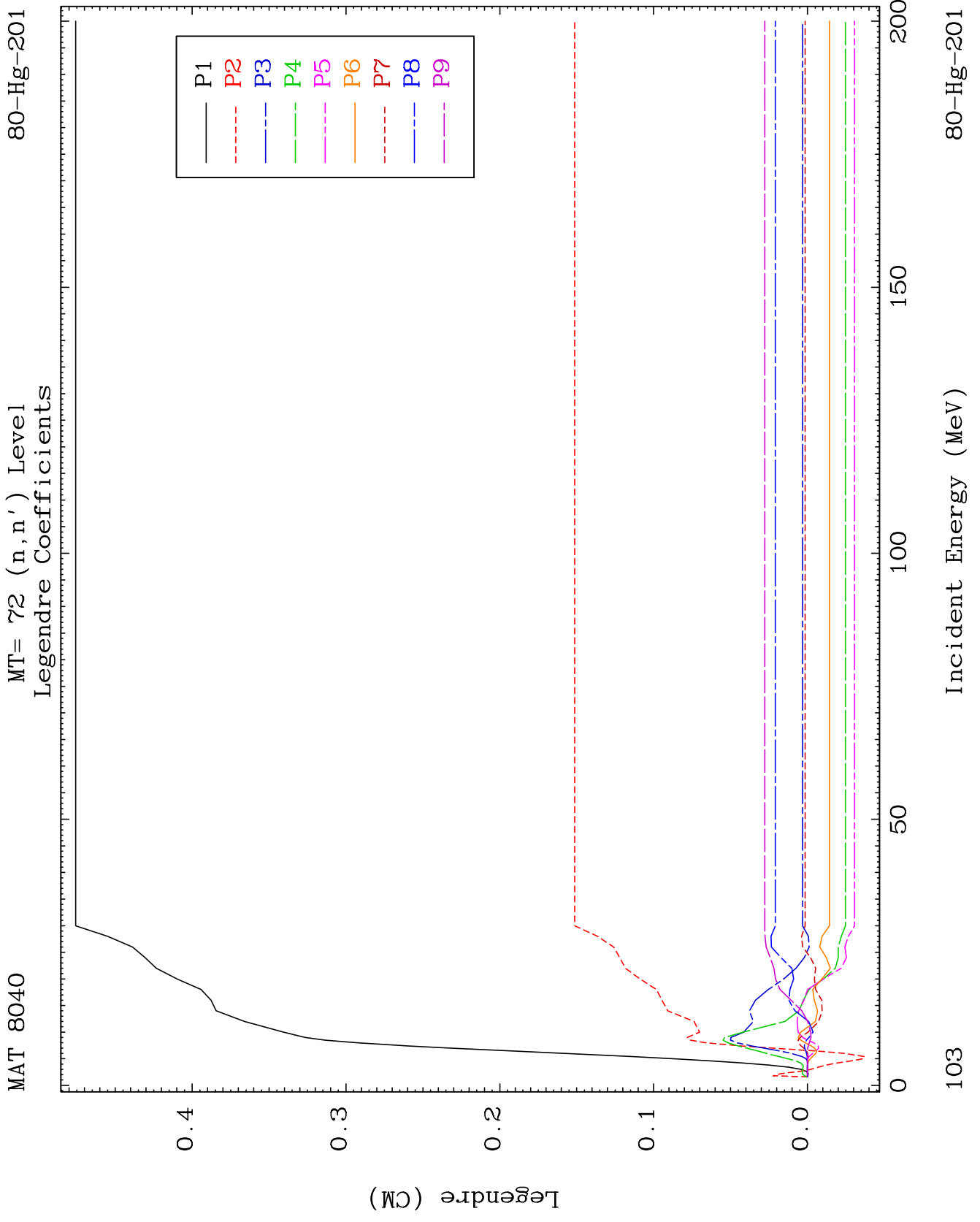


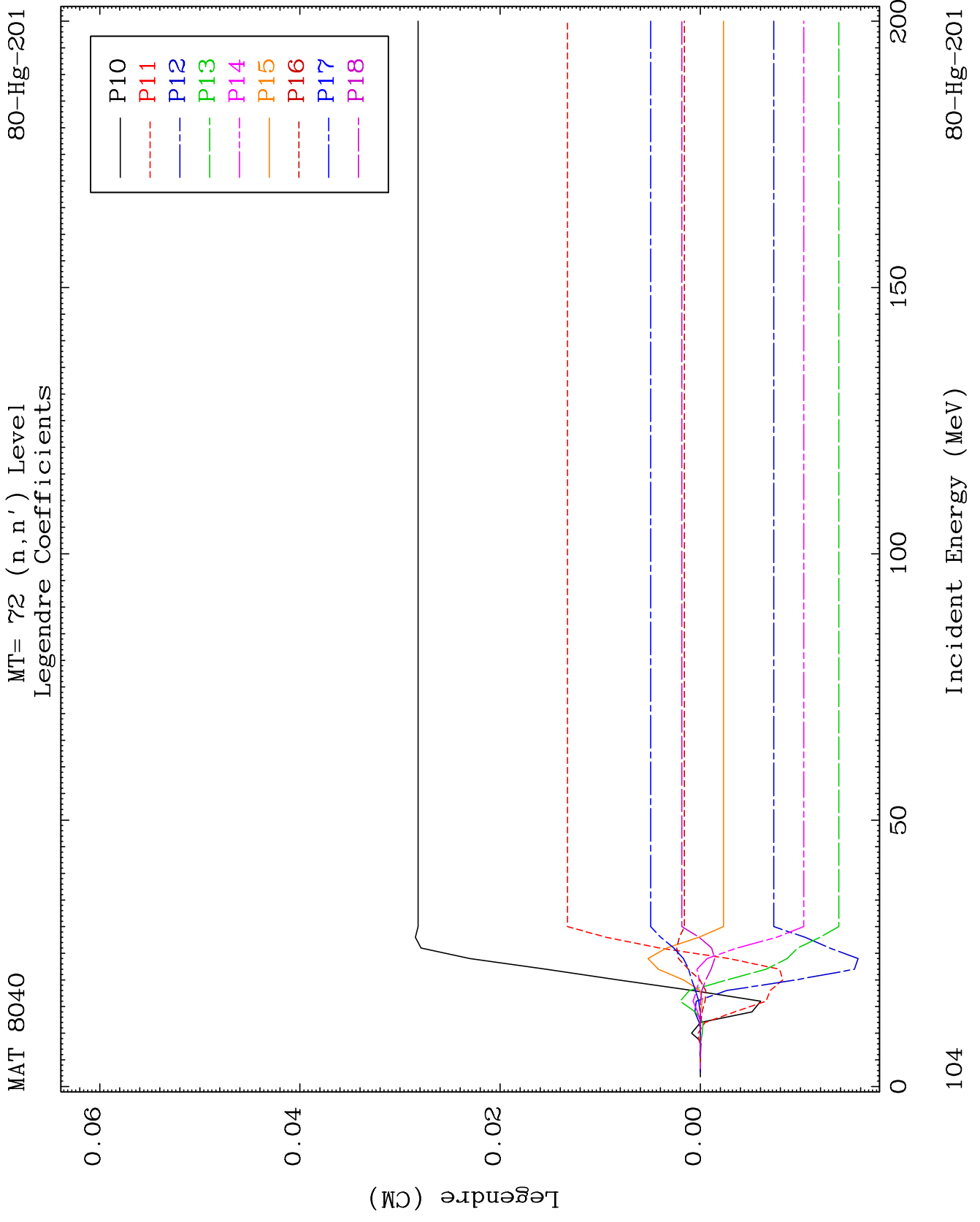








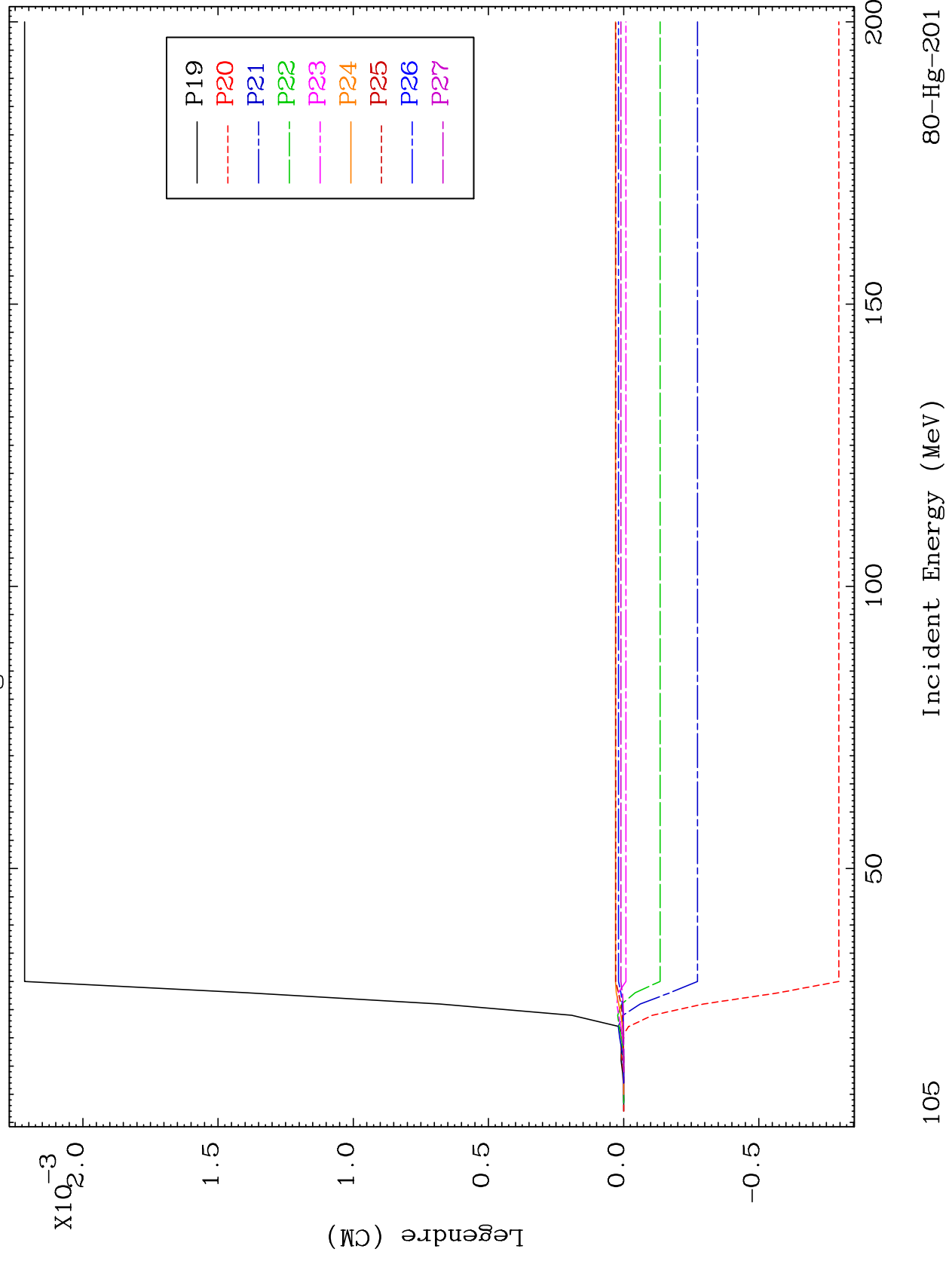




MAT 8040

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

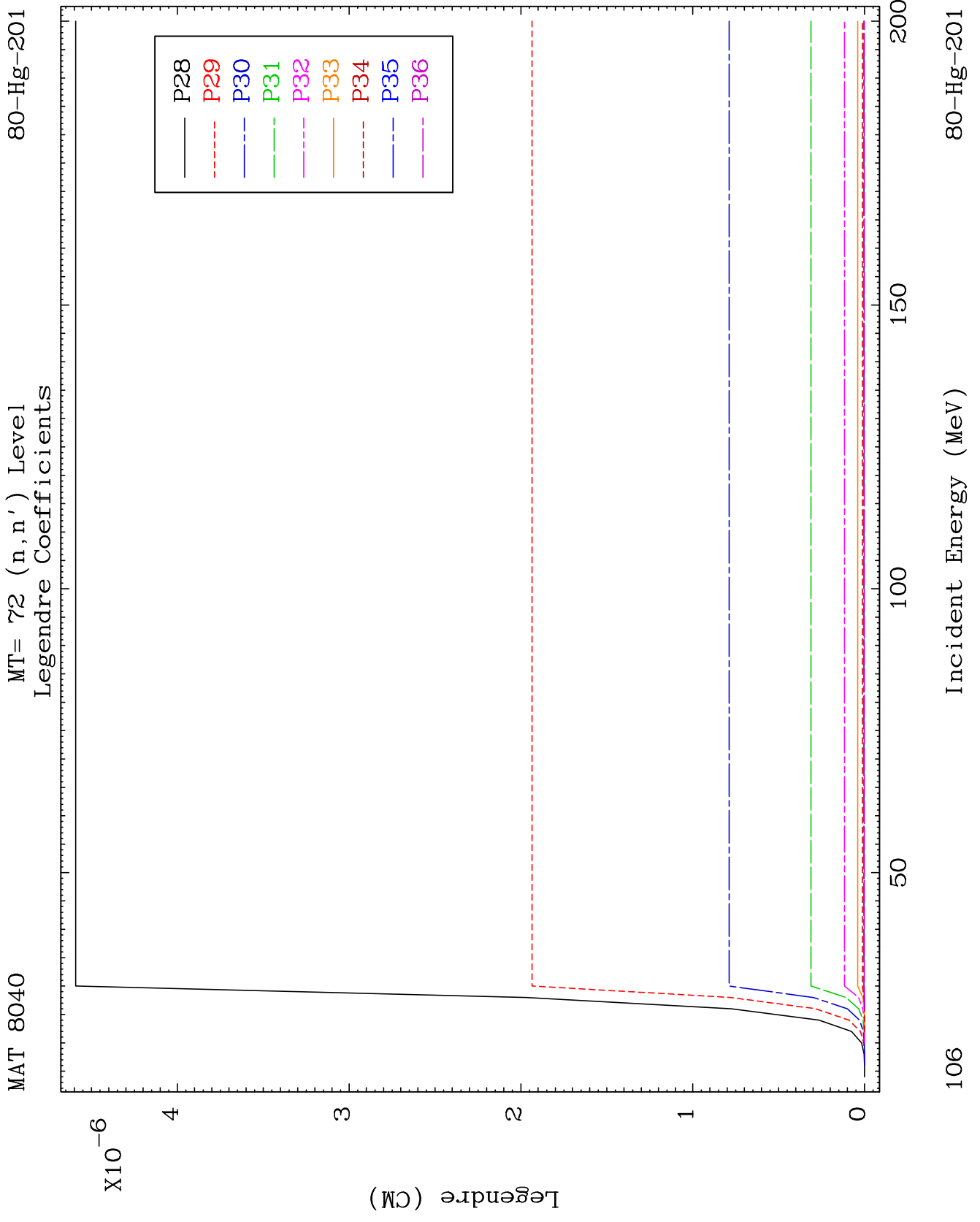
80-Hg-201



105

Incident Energy (MeV)

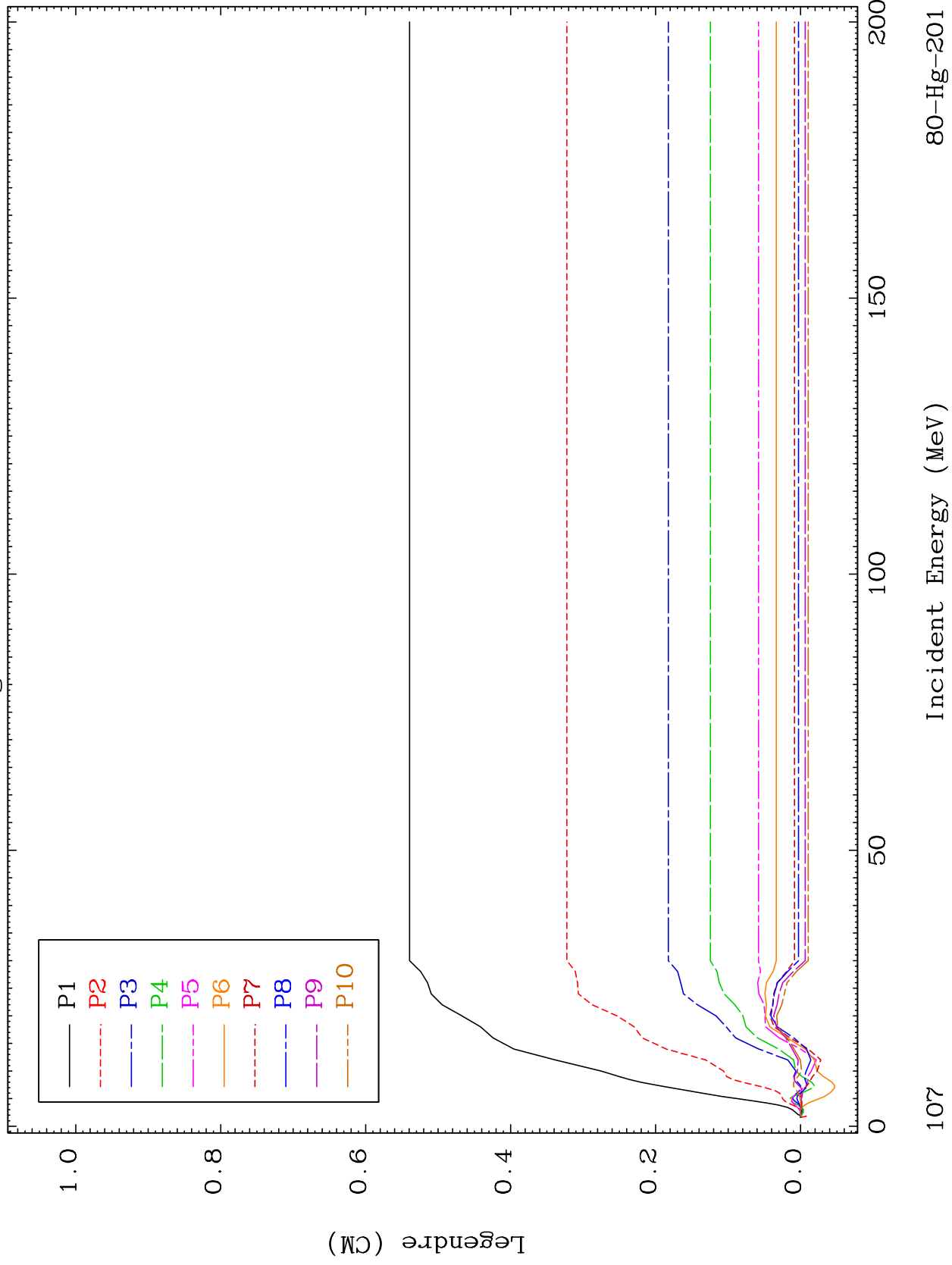
80-Hg-201



MAT 8040

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

80-Hg-201



80-Hg-201

Incident Energy (MeV)

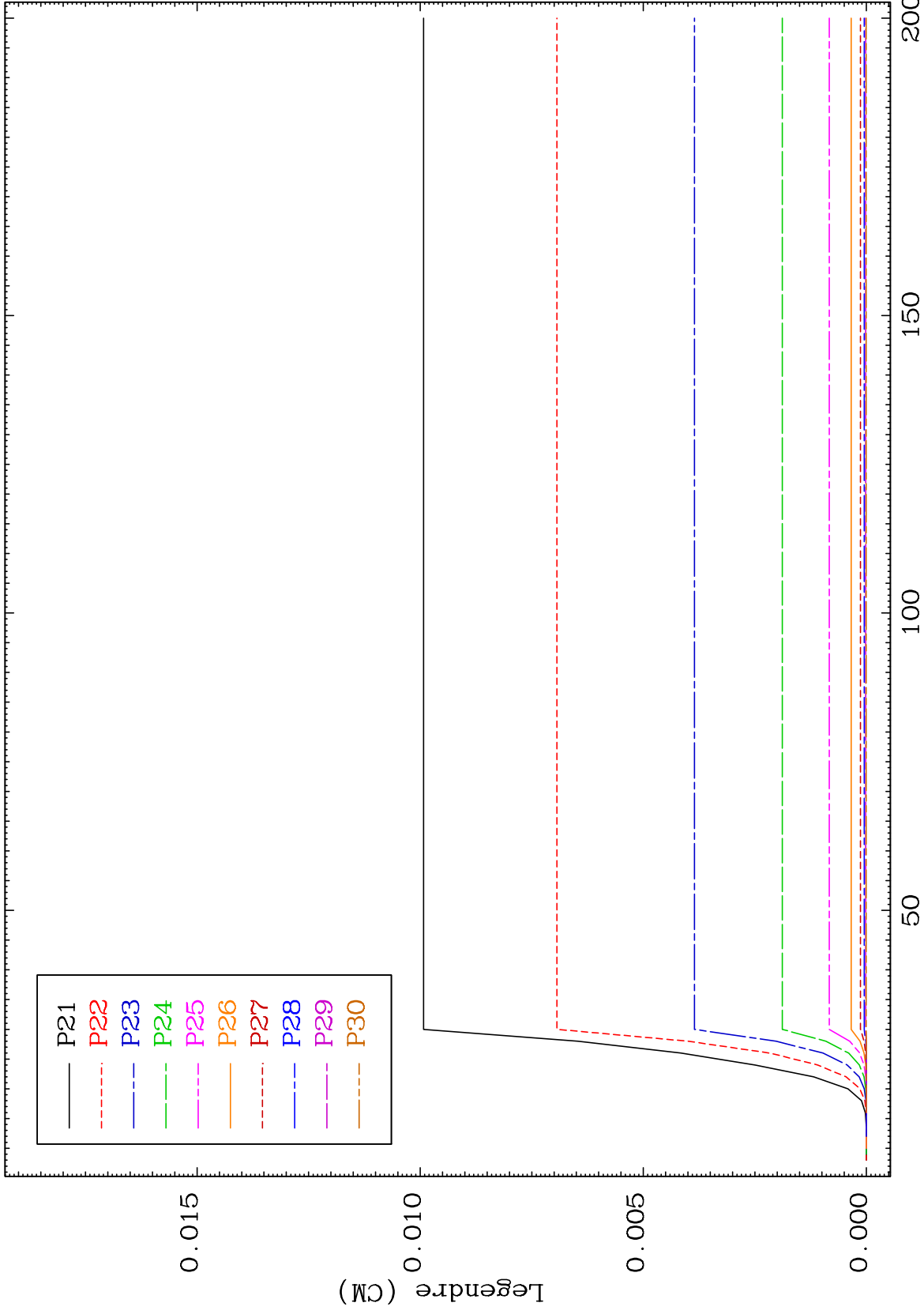
107



MAT 8040

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

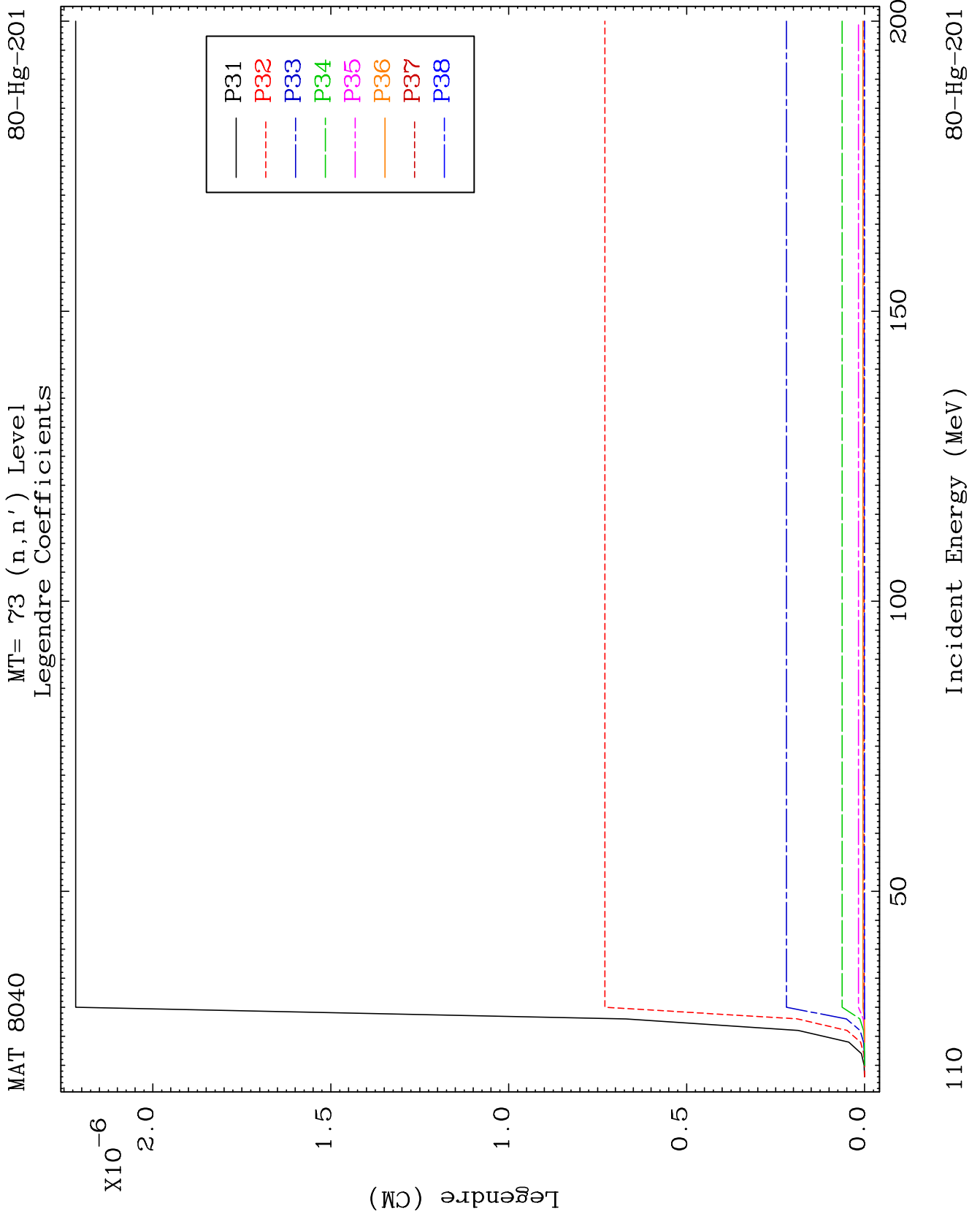
80-Hg-201



109

Incident Energy (MeV)

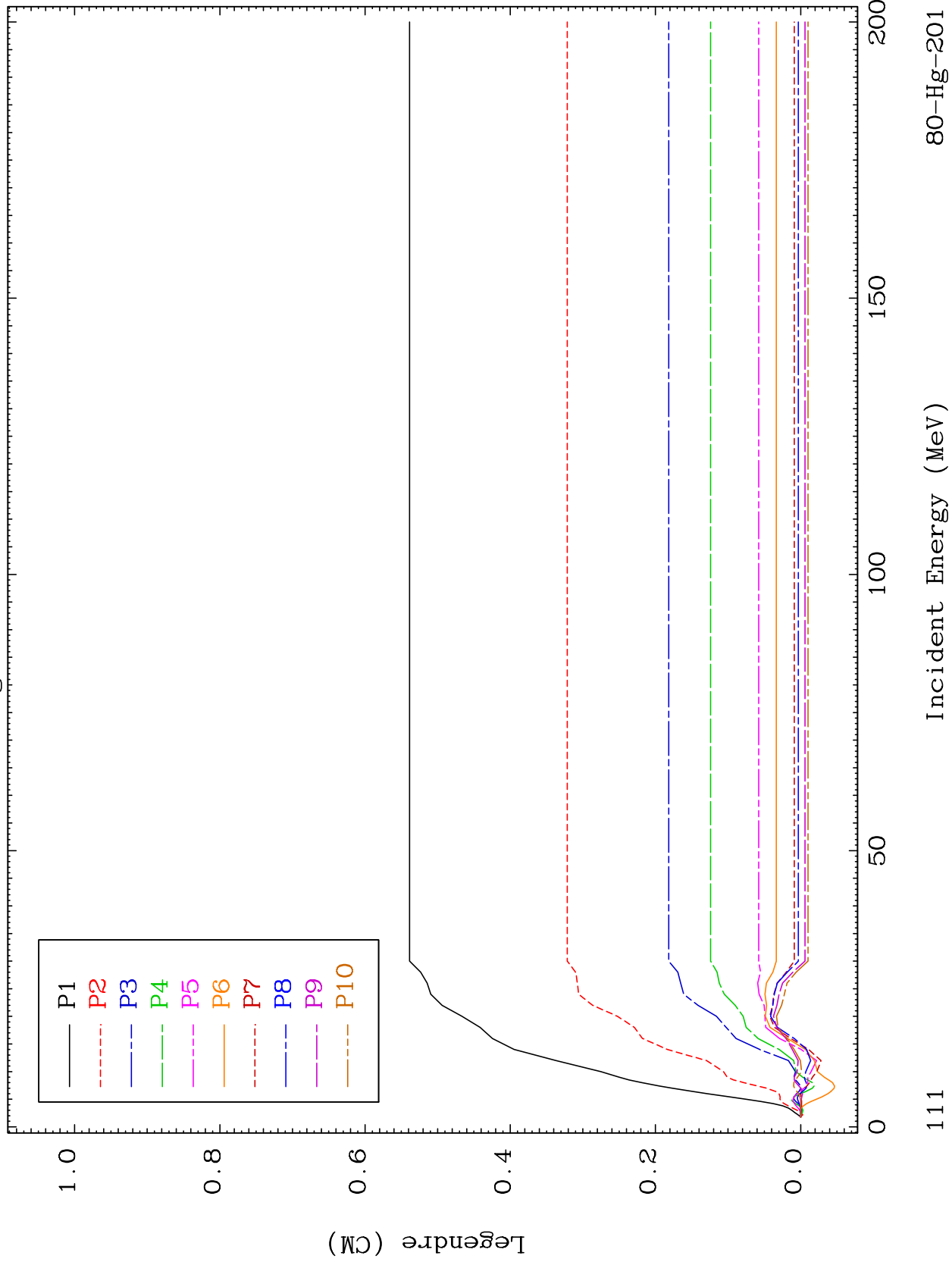
80-Hg-201



MAT 8040

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

80-Hg-201



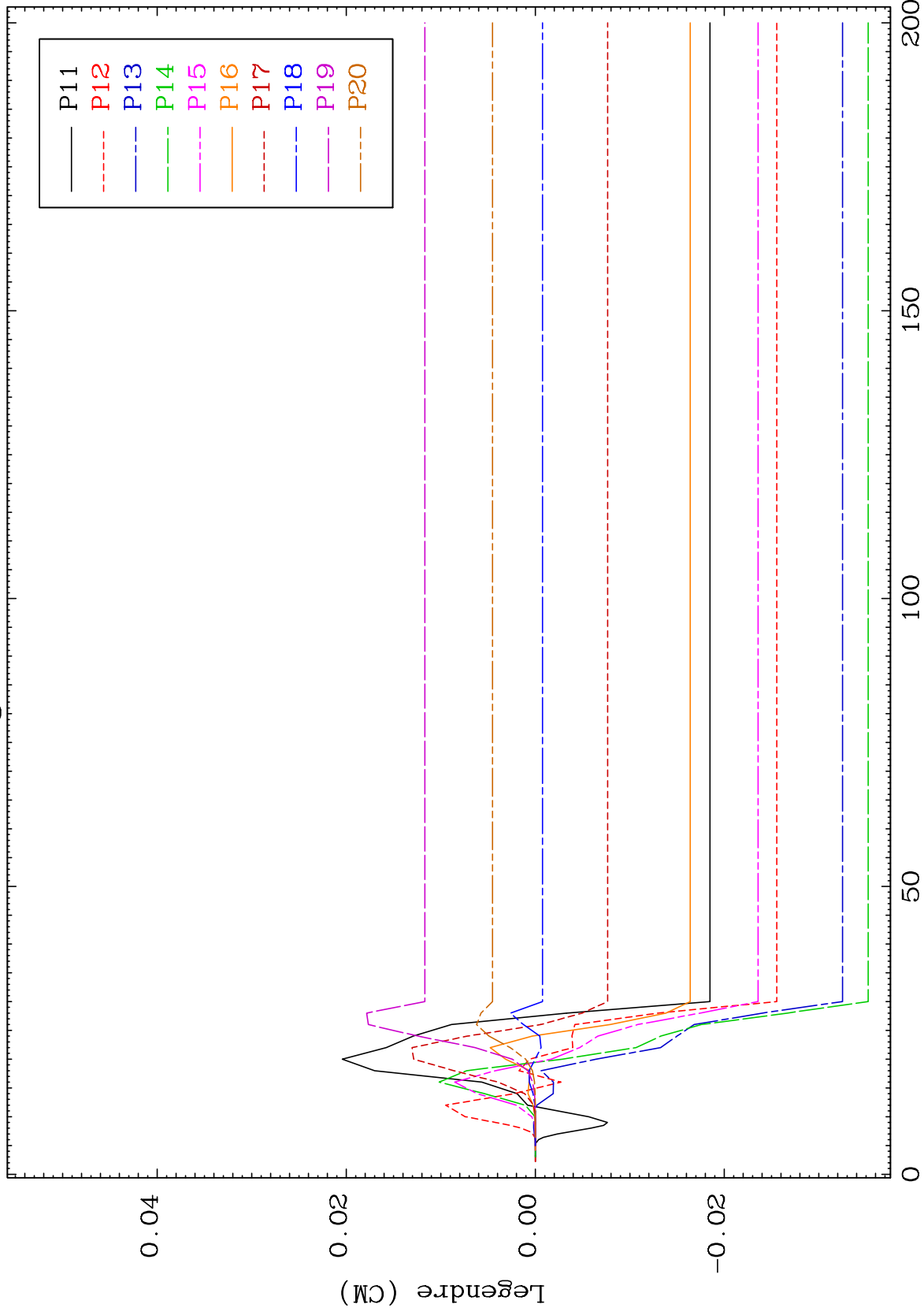
111

80-Hg-201

MAT 8040

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

80-Hg-201



112

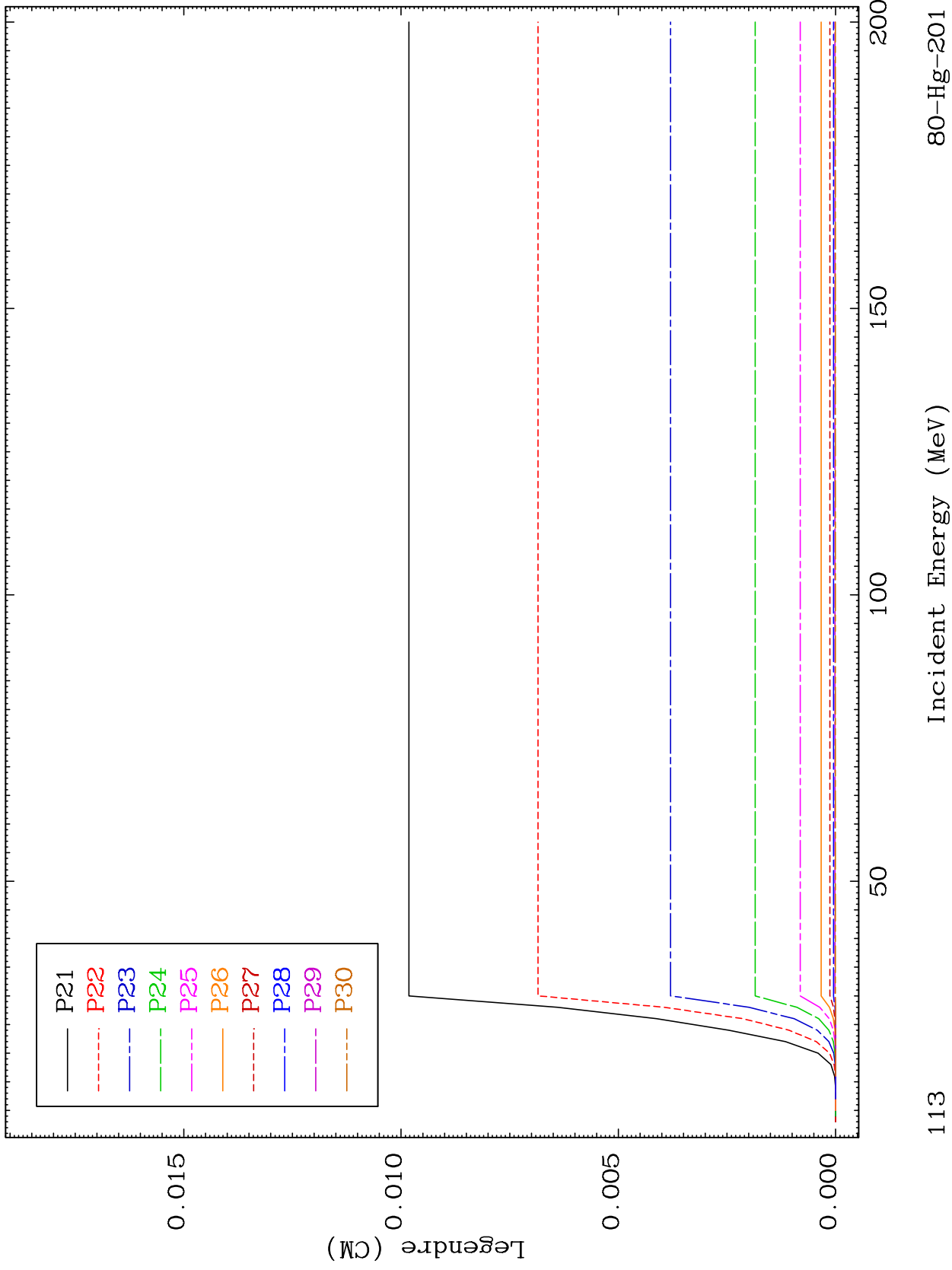
Incident Energy (MeV)

80-Hg-201

MAT 8040

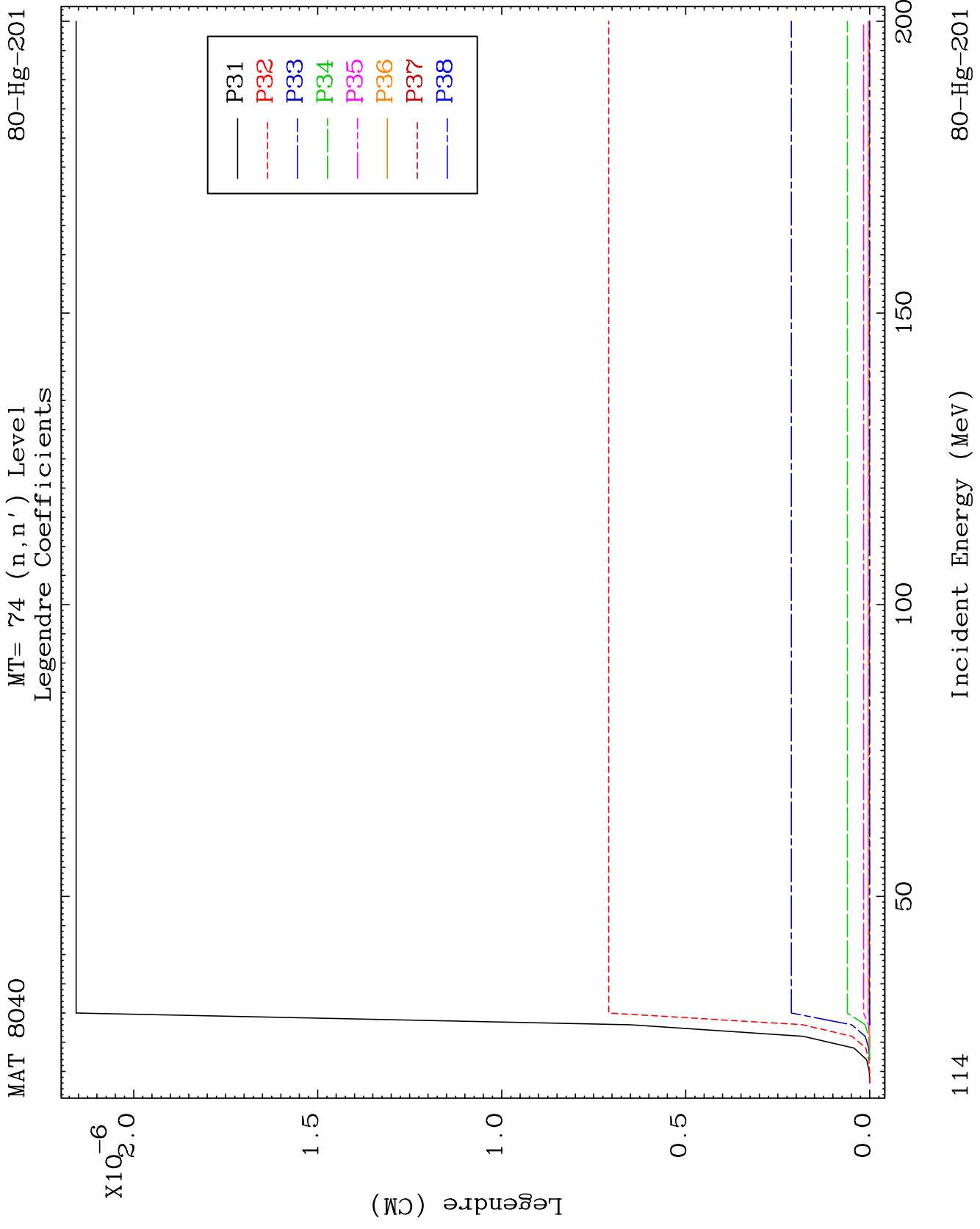
MT= 74 (n,n') Level  
Legendre Coefficients

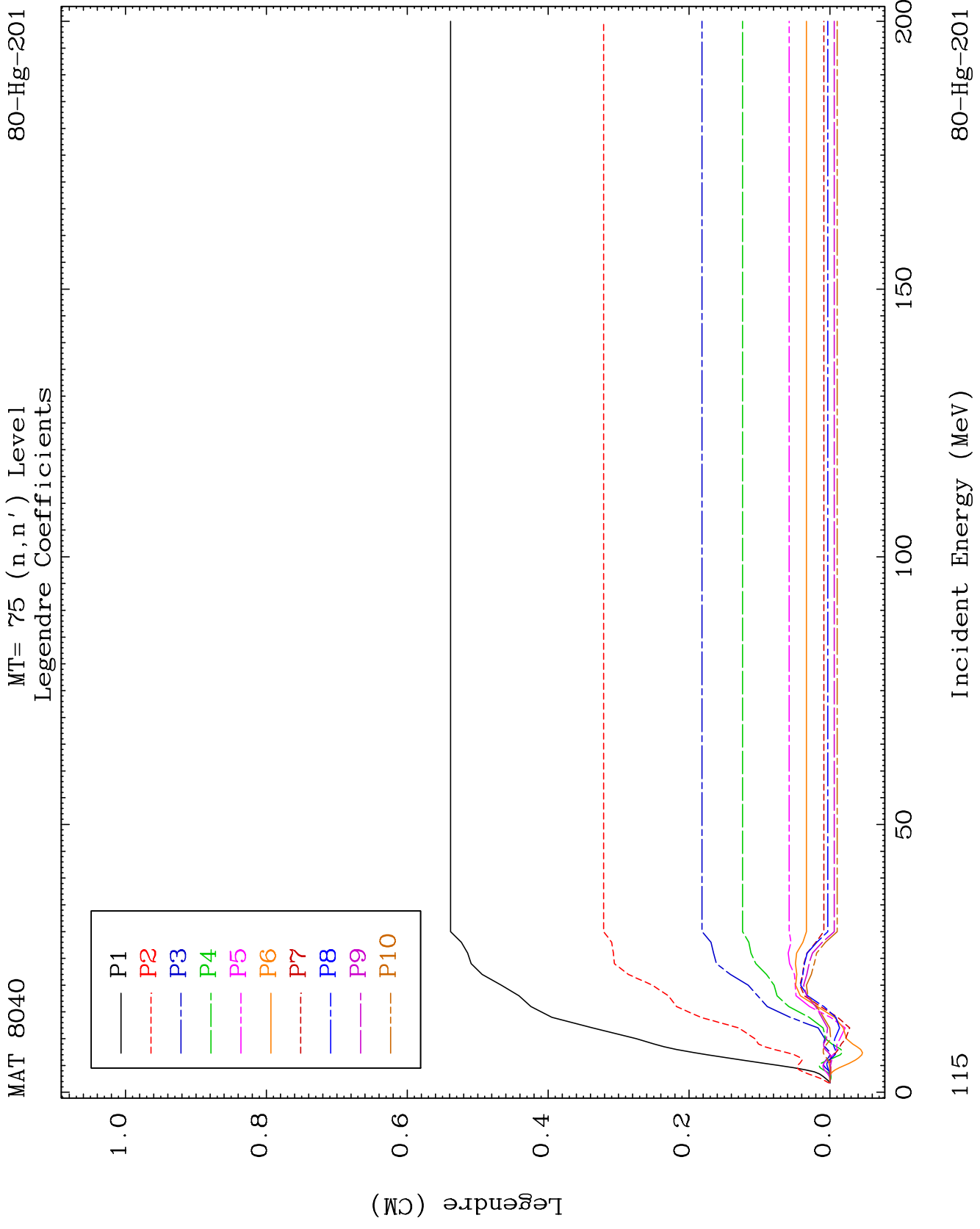
80-Hg-201

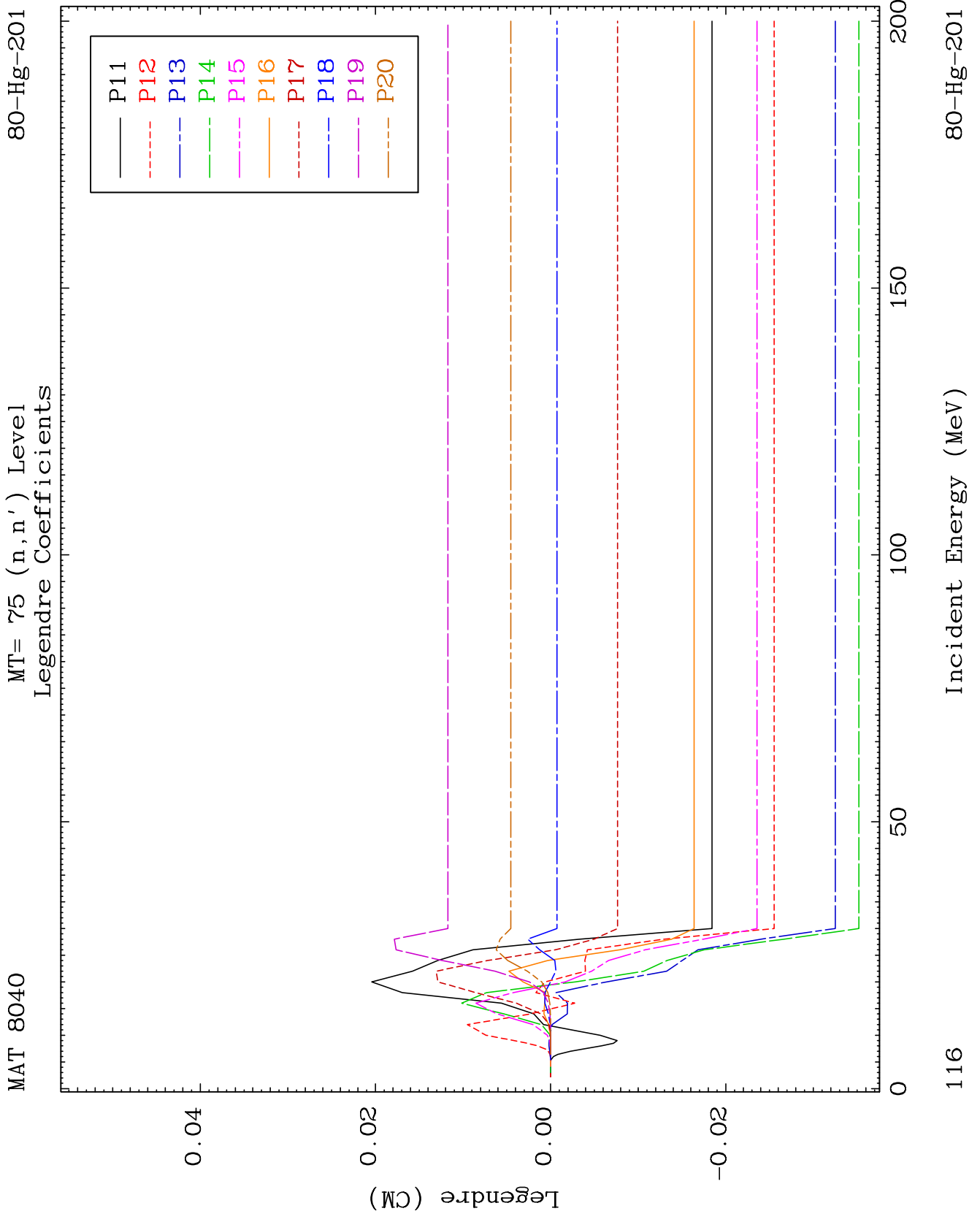


113

80-Hg-201



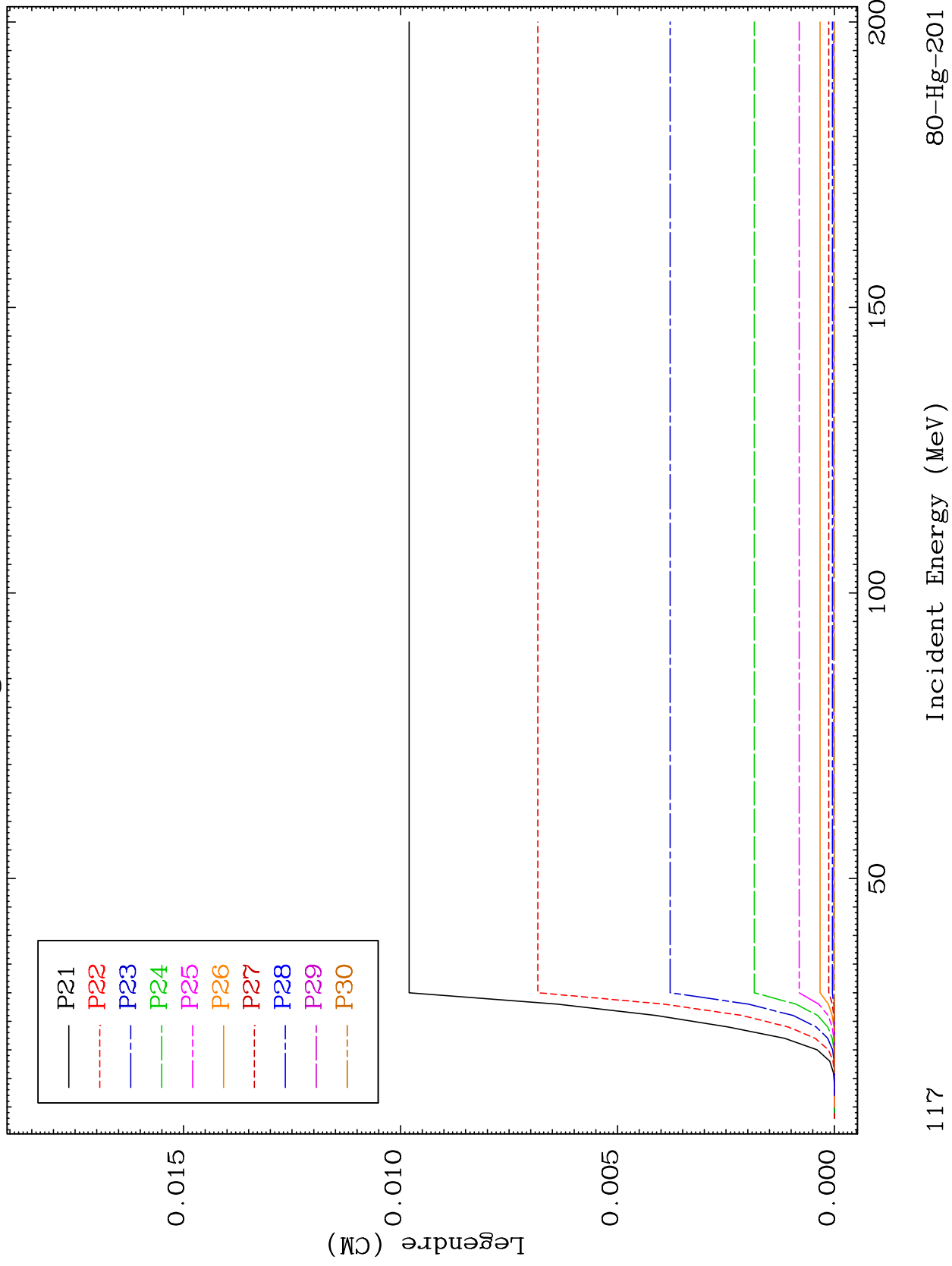




MAT 8040

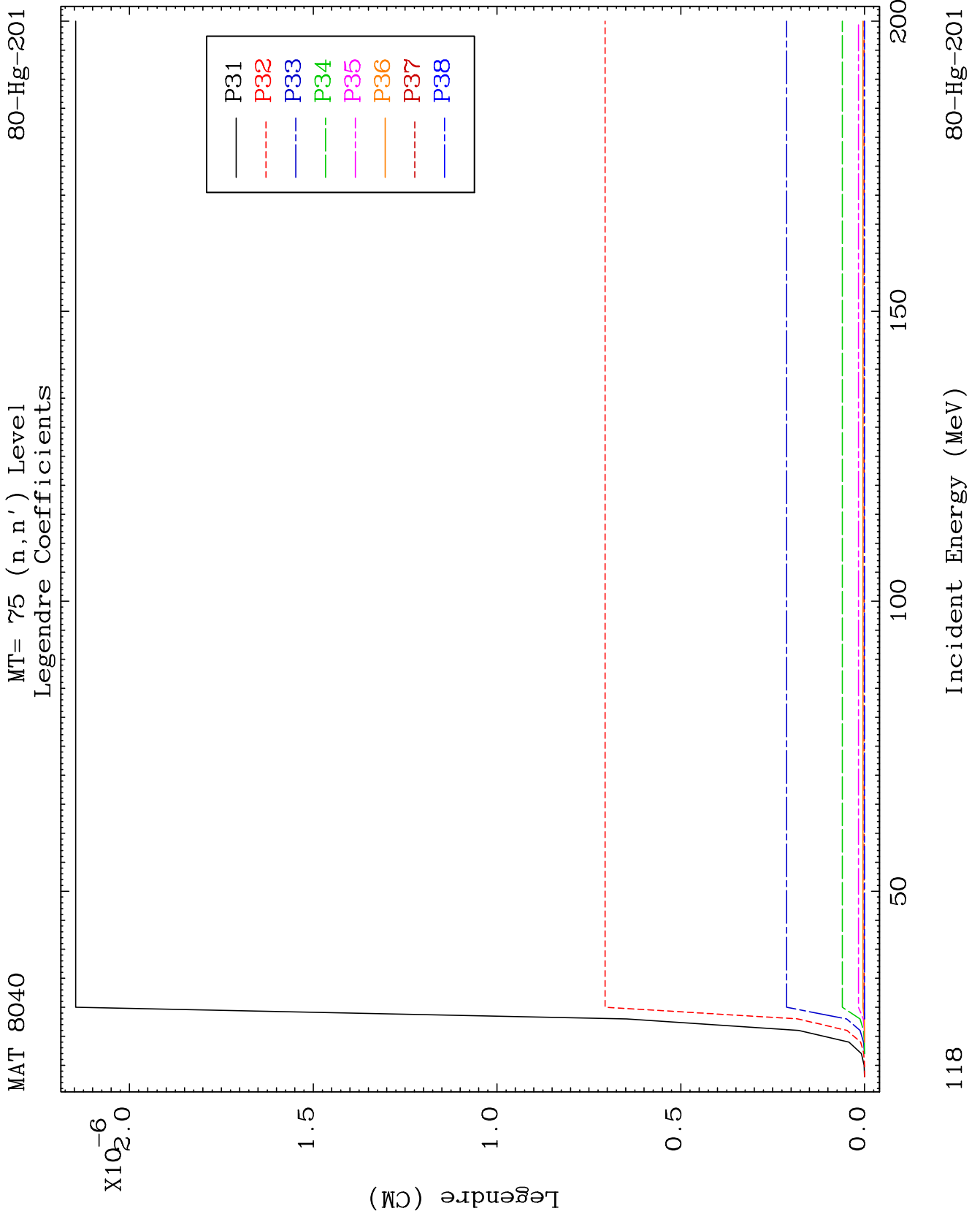
MT= 75 (n,n') Level  
Legendre Coefficients

80-Hg-201



117

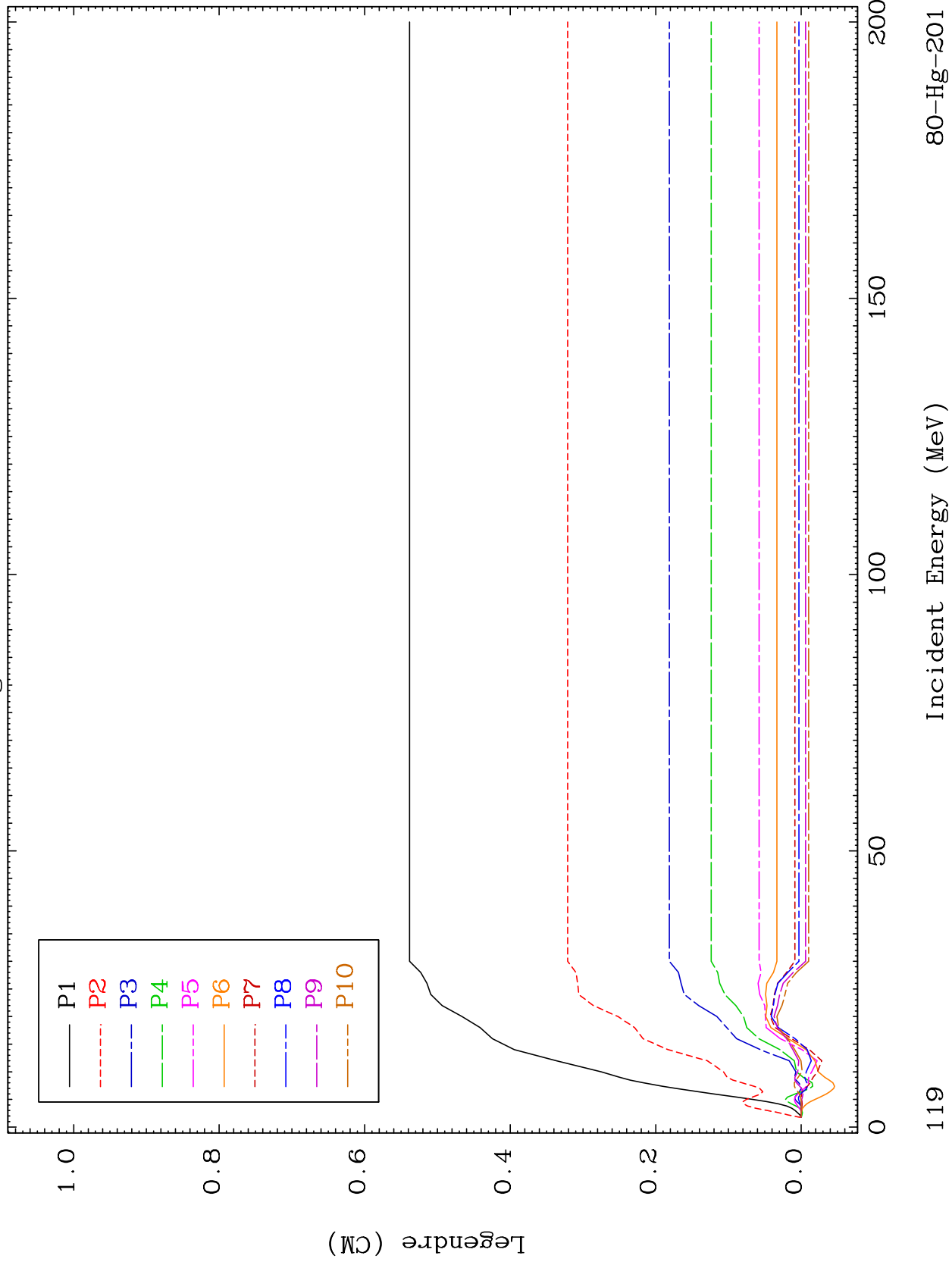
80-Hg-201



MAT 8040

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

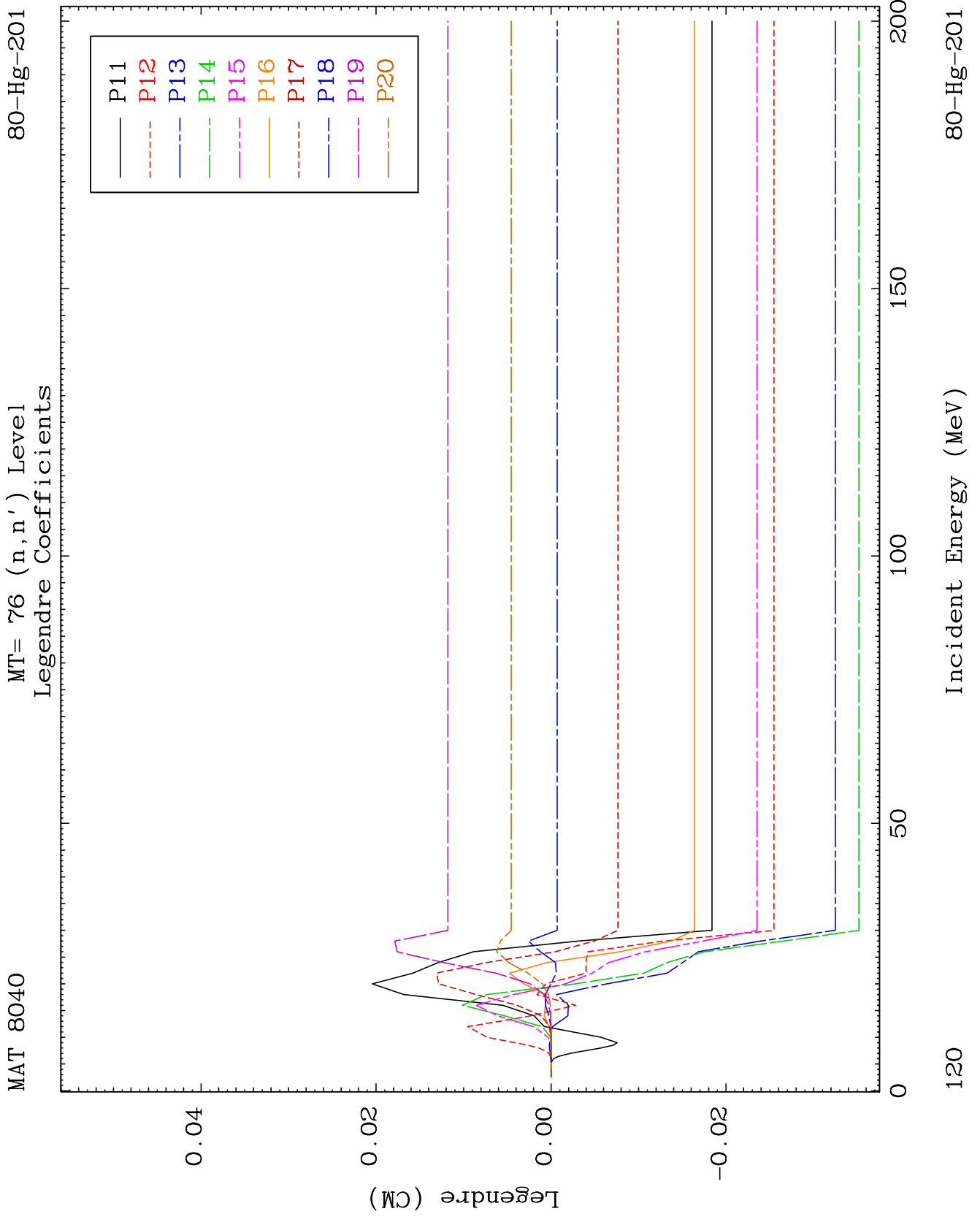
80-Hg-201



119

Incident Energy (MeV)

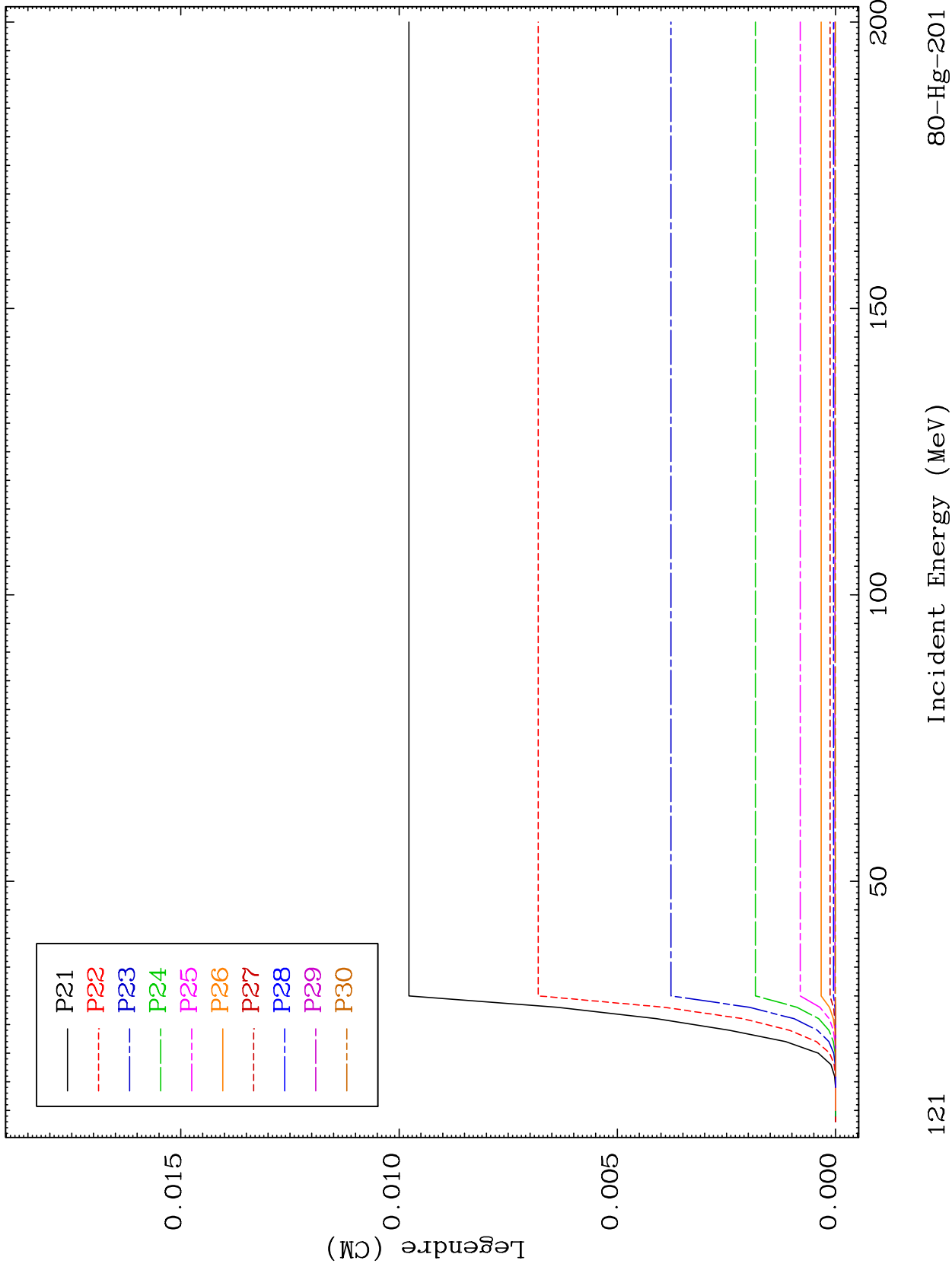
80-Hg-201



MAT 8040

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

80-Hg-201



121

80-Hg-201

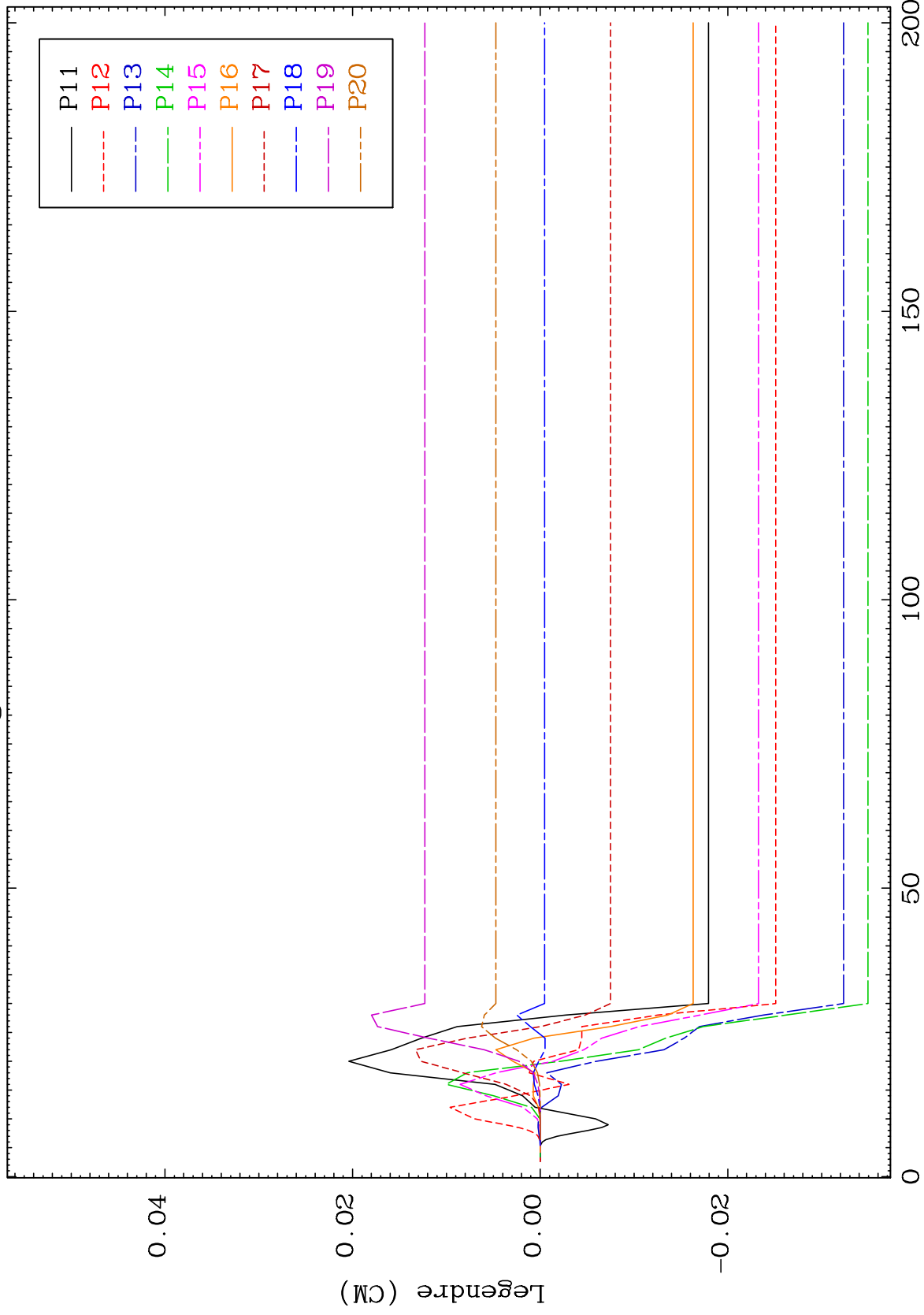




MAT 8040

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

80-Hg-201



124

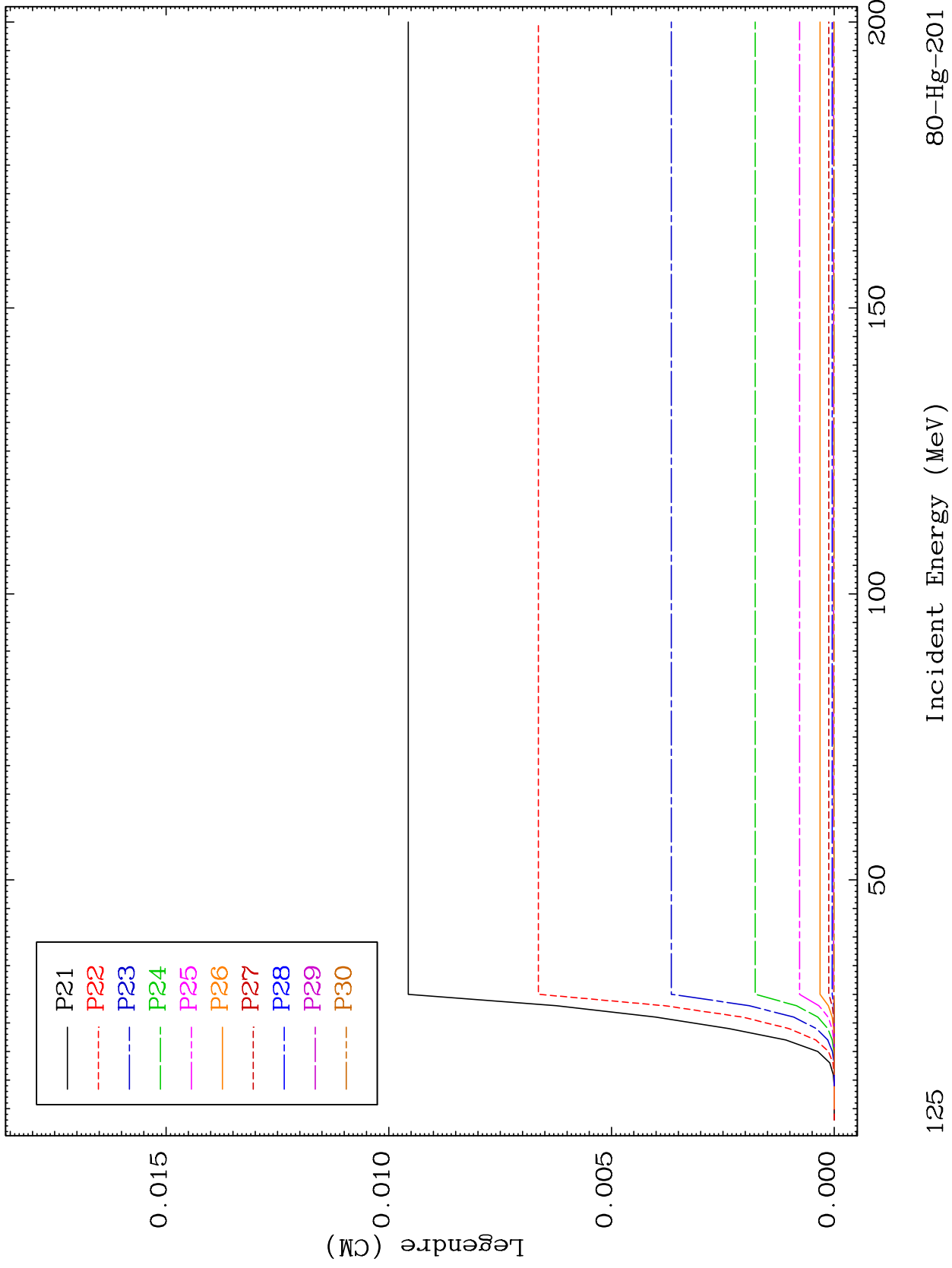
Incident Energy (MeV)

80-Hg-201

MAT 8040

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

80-Hg-201



80-Hg-201

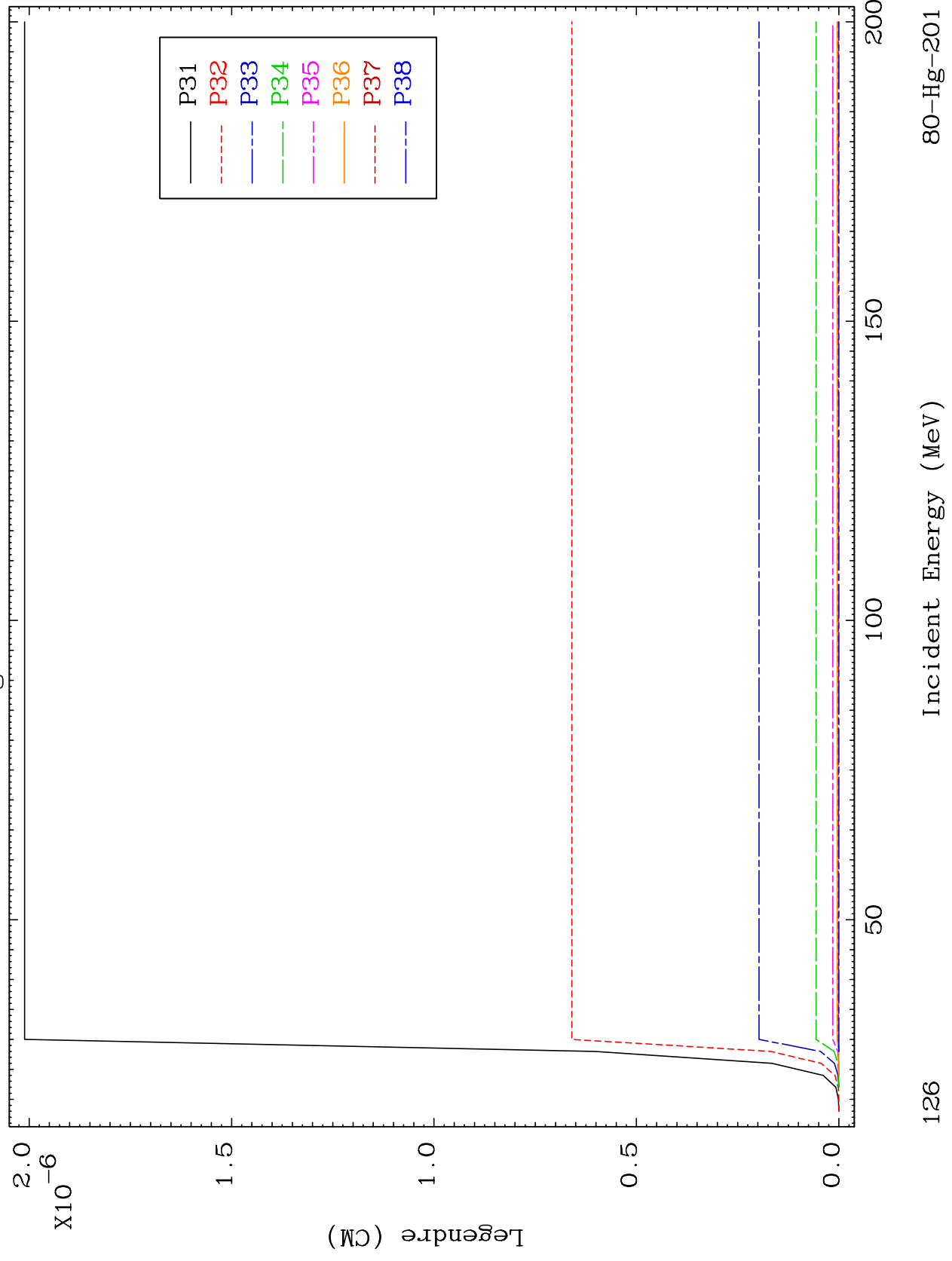
Incident Energy (MeV)

125

MAT 8040

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

80-Hg-201



126

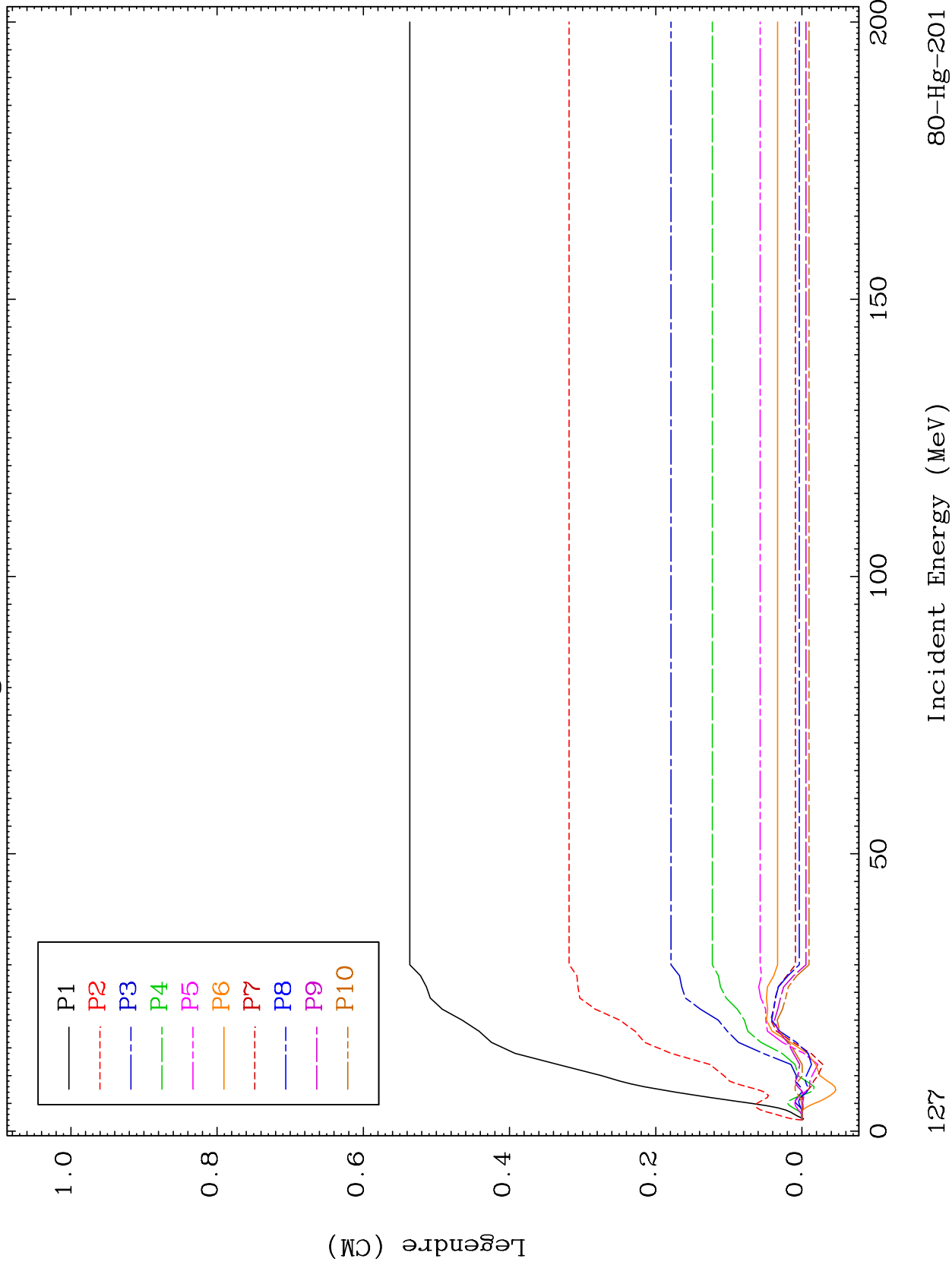
Incident Energy (MeV)

80-Hg-201

MAT 8040

MT= 78 (n,n') Level  
Legendre Coefficients

80-Hg-201



127

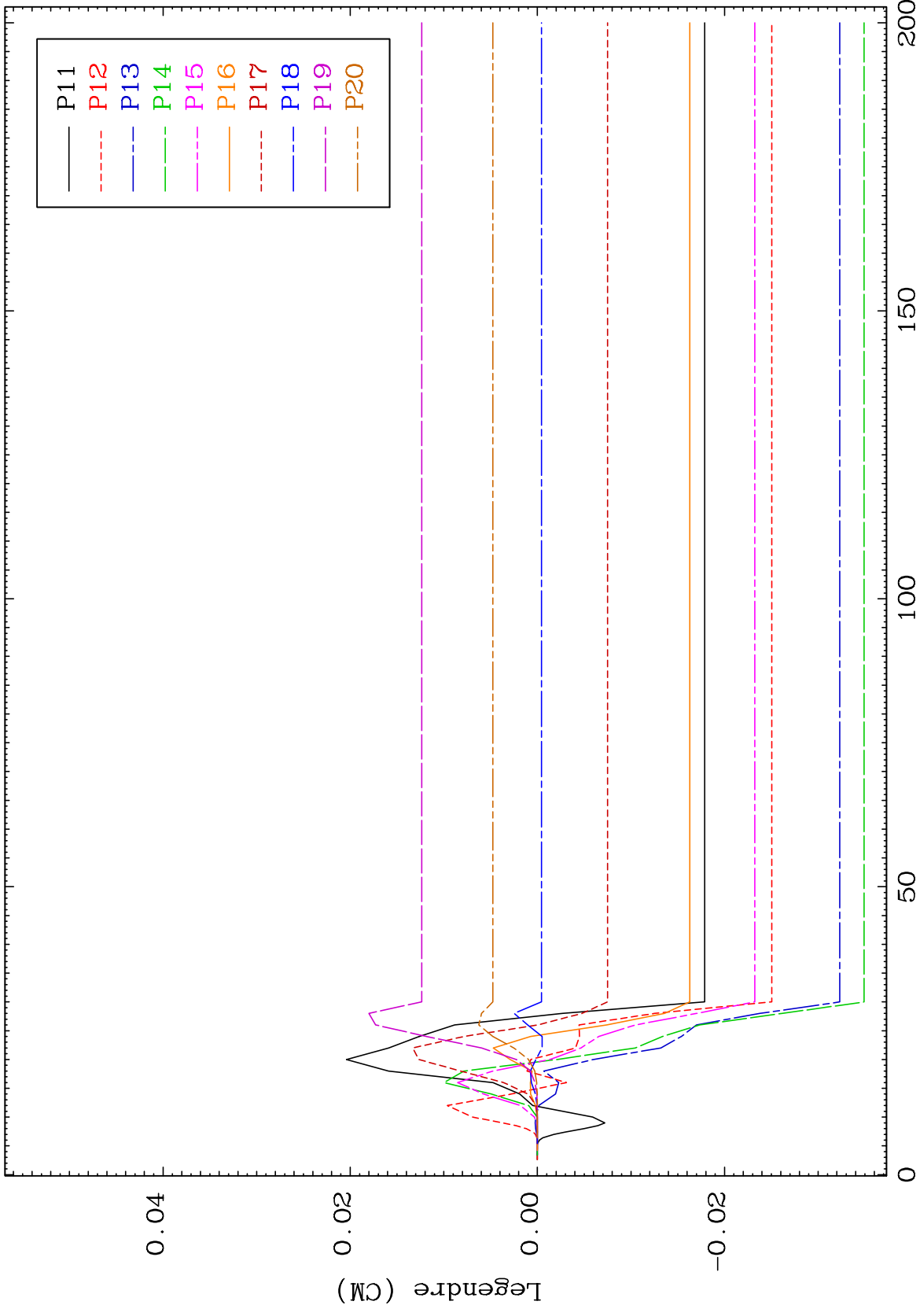
Incident Energy (MeV)

80-Hg-201

MAT 8040

MT= 78 (n,n') Level  
Legendre Coefficients

80-Hg-201



128

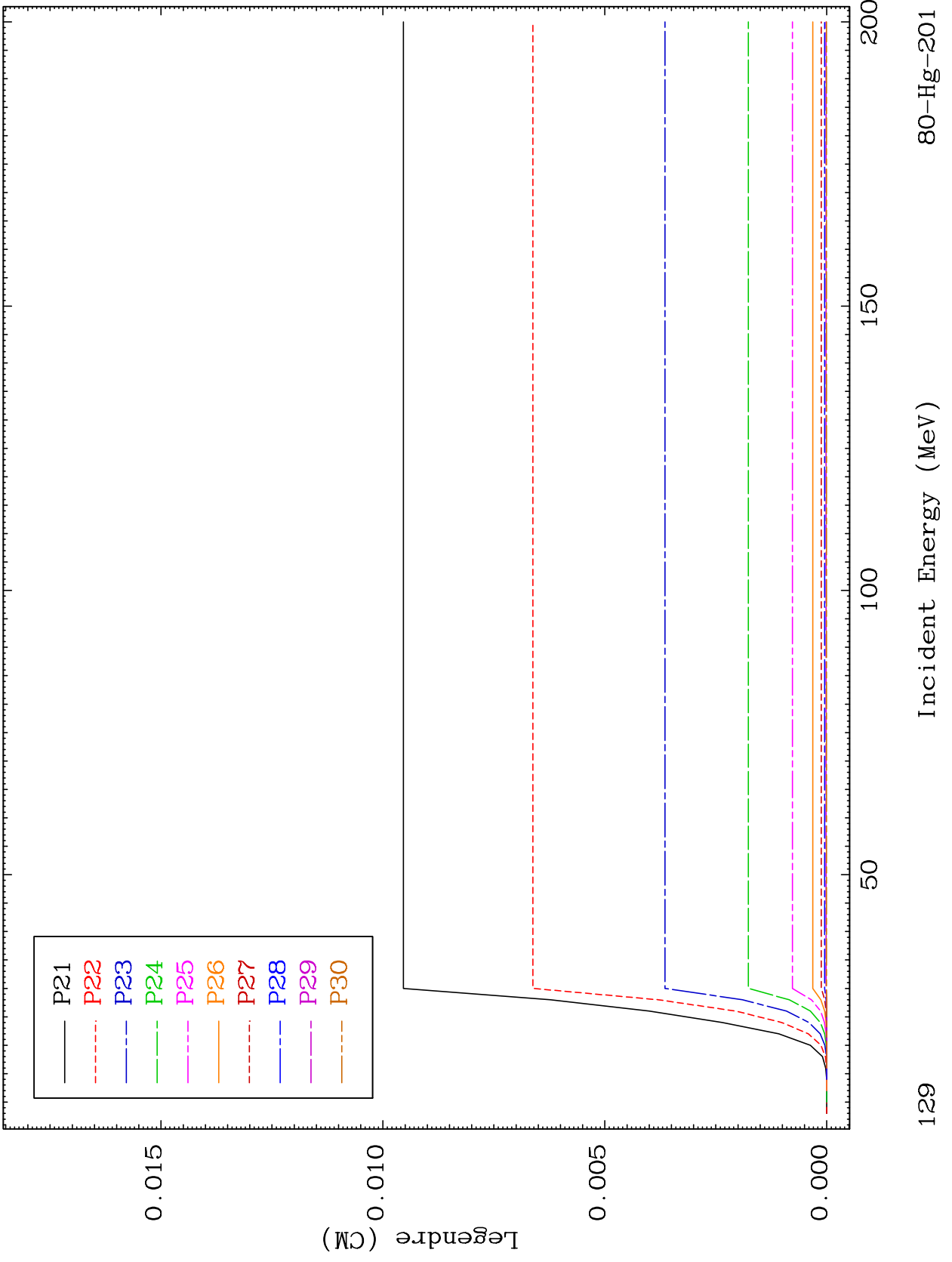
Incident Energy (MeV)

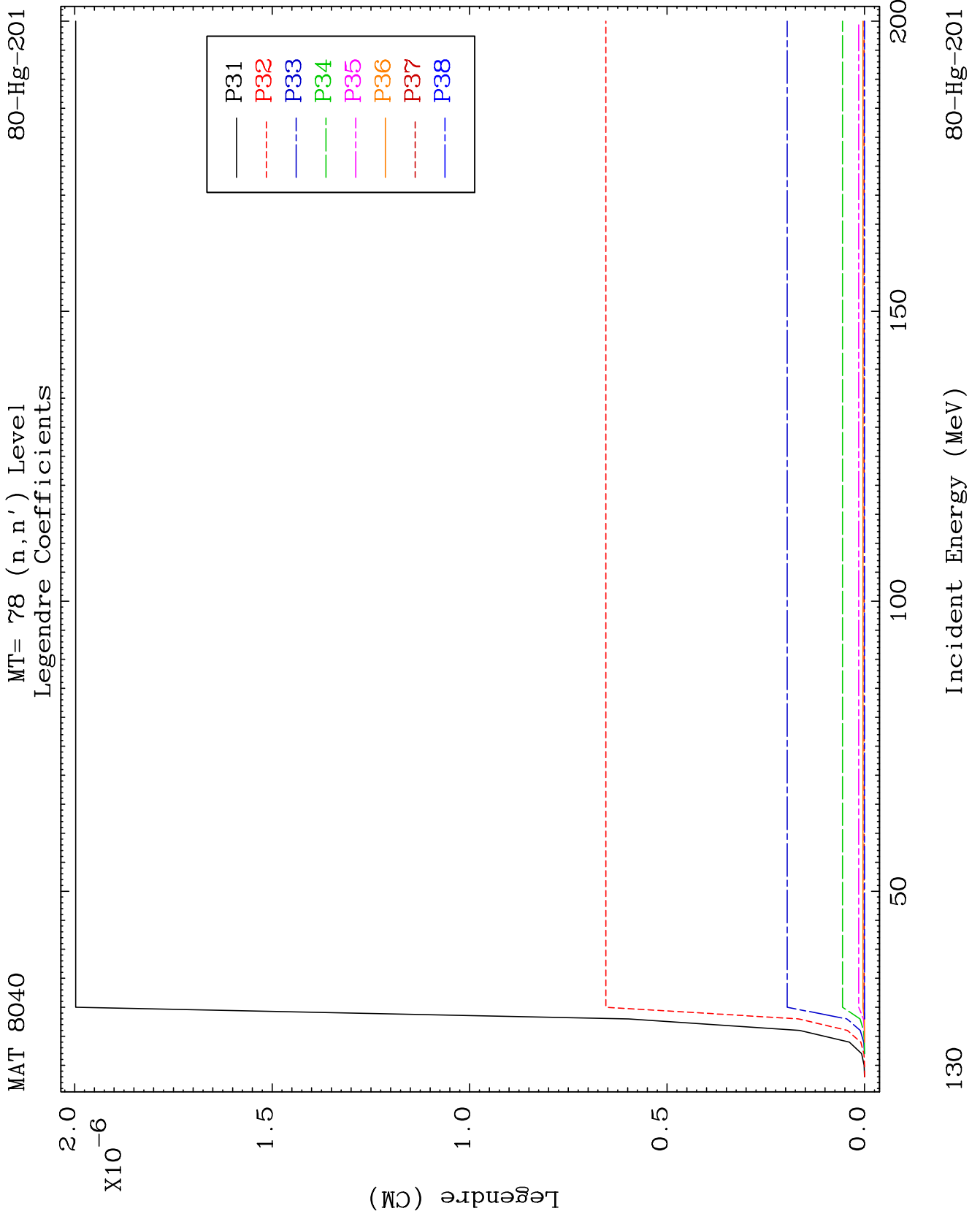
80-Hg-201

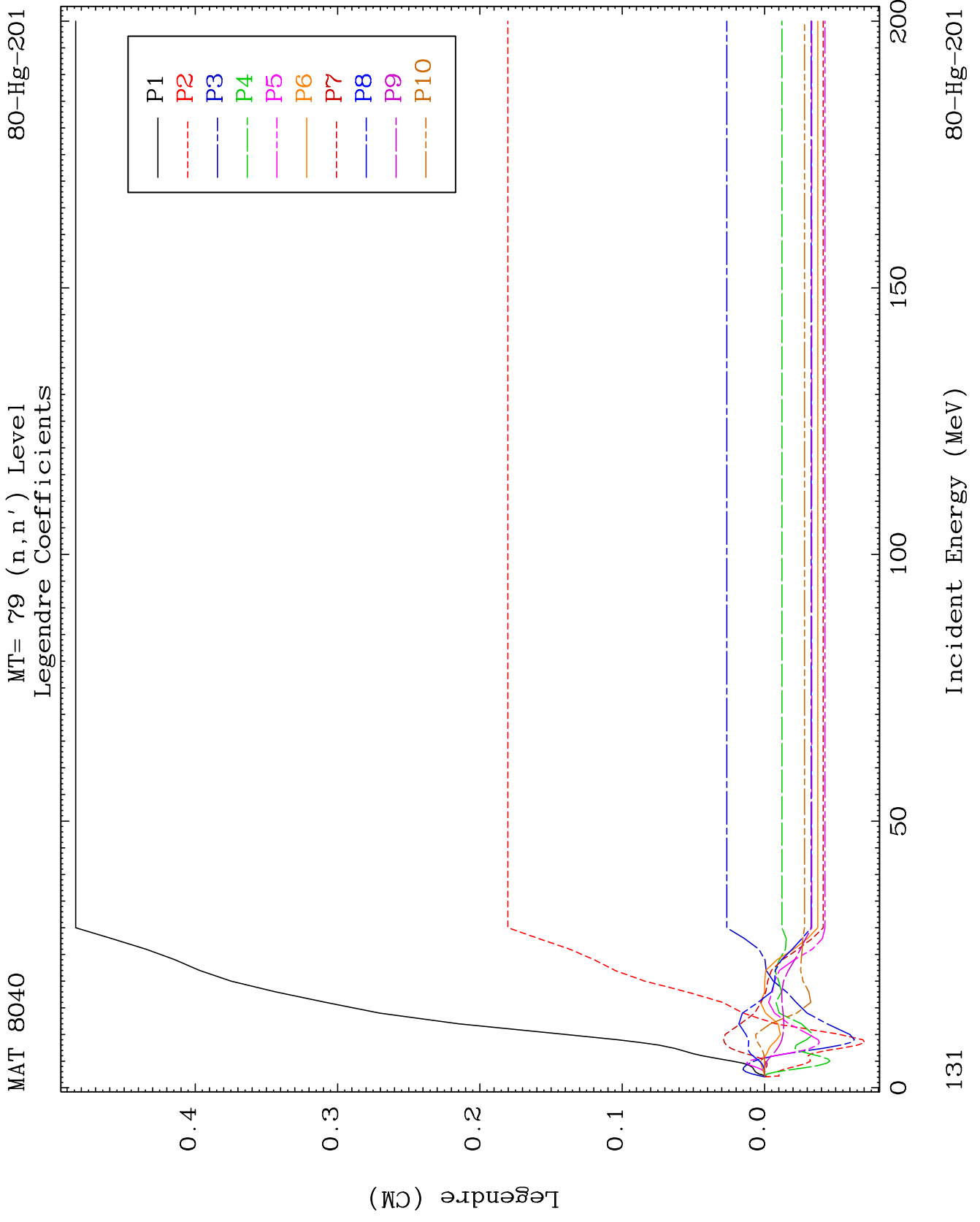
MAT 8040

MT= 78 (n,n') Level  
Legendre Coefficients

80-Hg-201







80-Hg-201

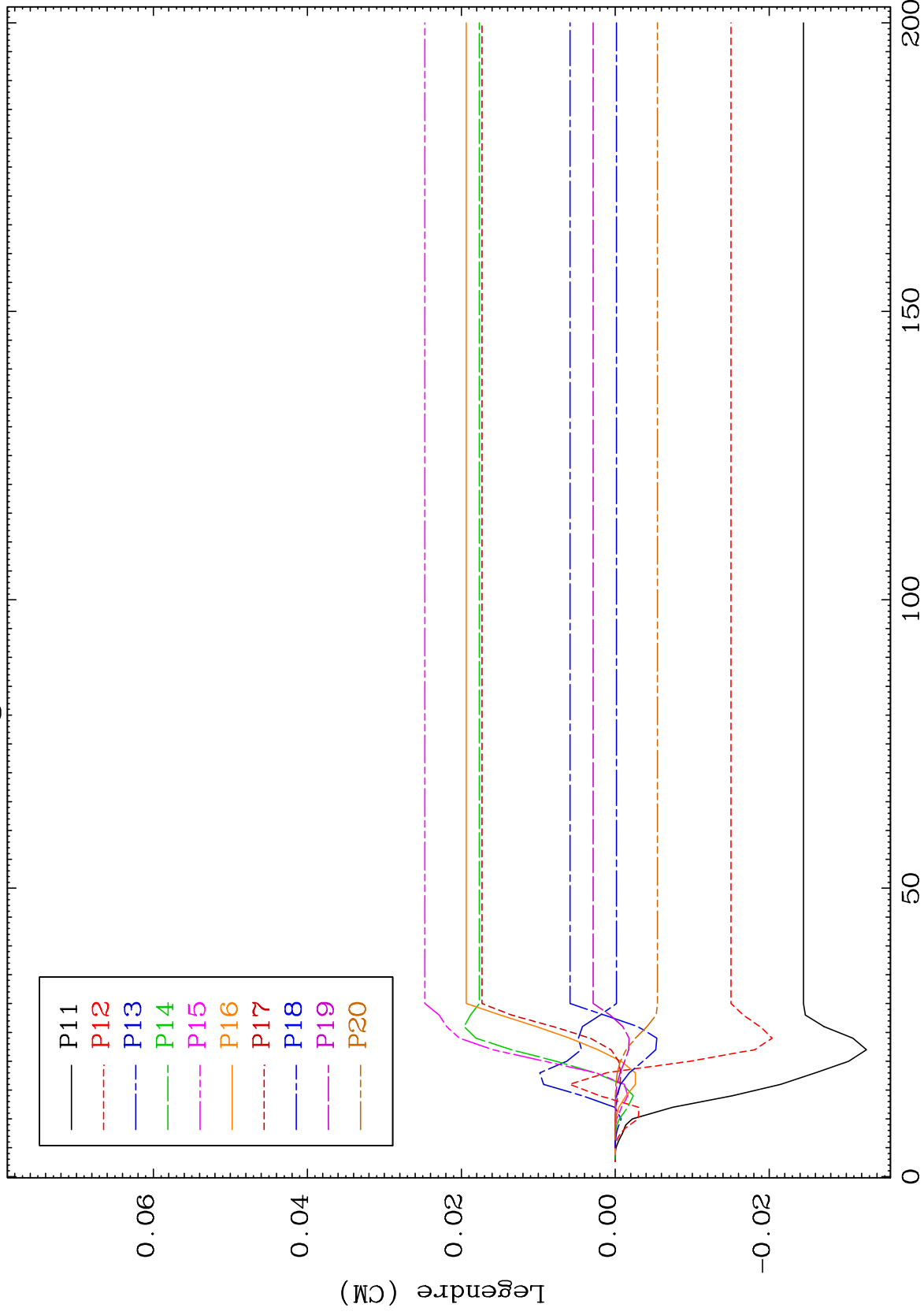
Incident Energy (MeV)

131

MAT 8040

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

80-Hg-201

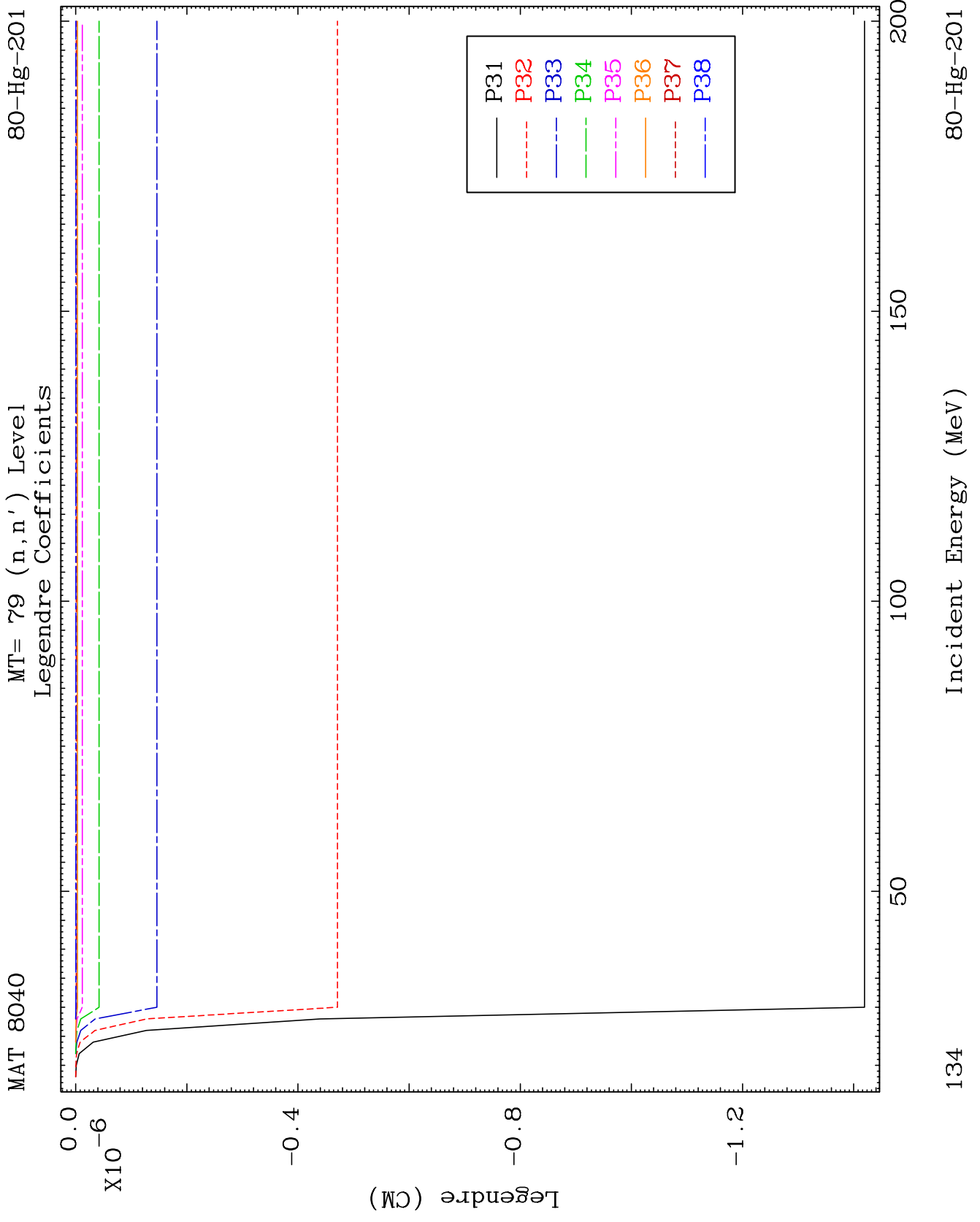


132

Incident Energy (MeV)

80-Hg-201



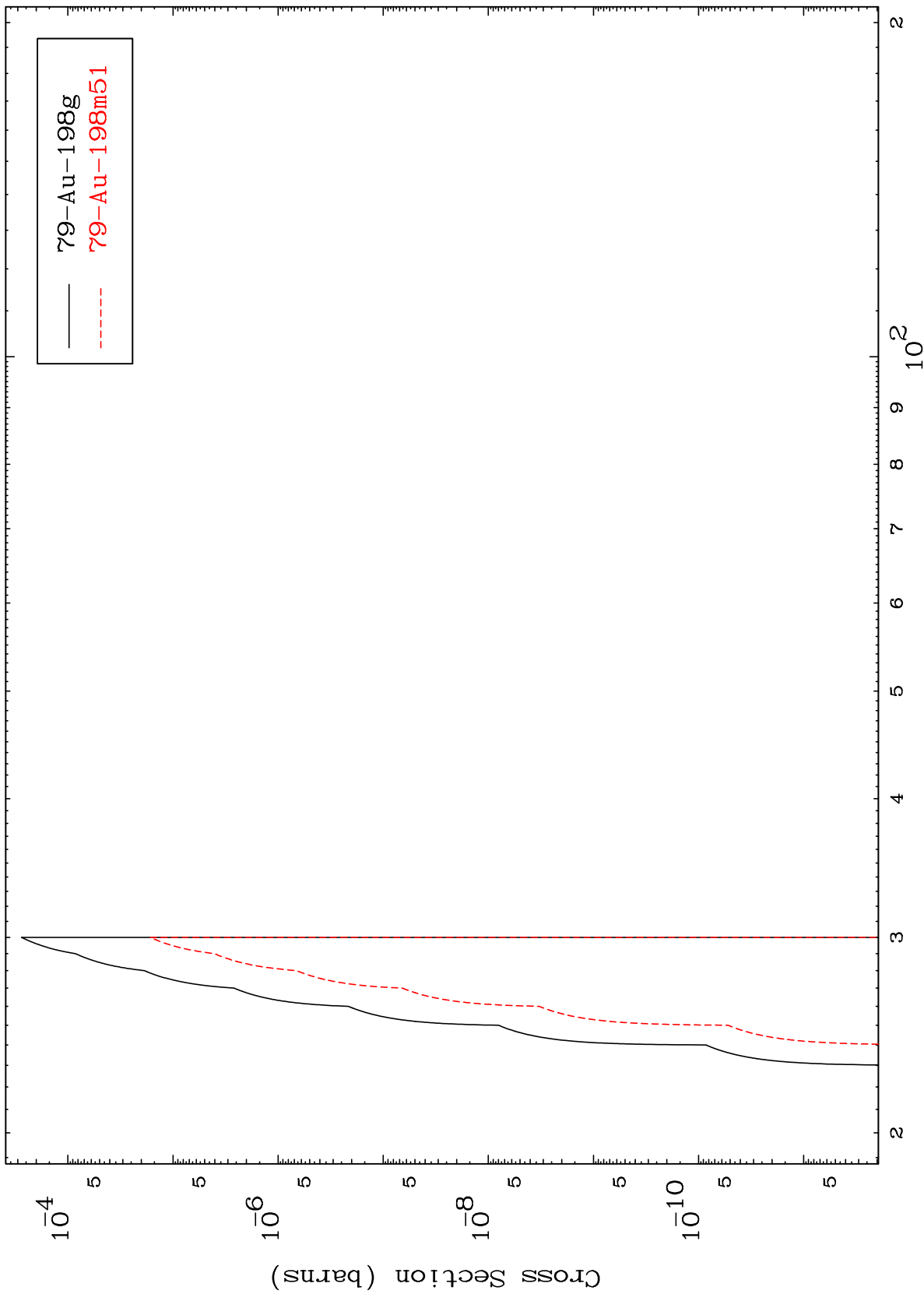


MAT 8040

(n,2n) d

80-Hg-201

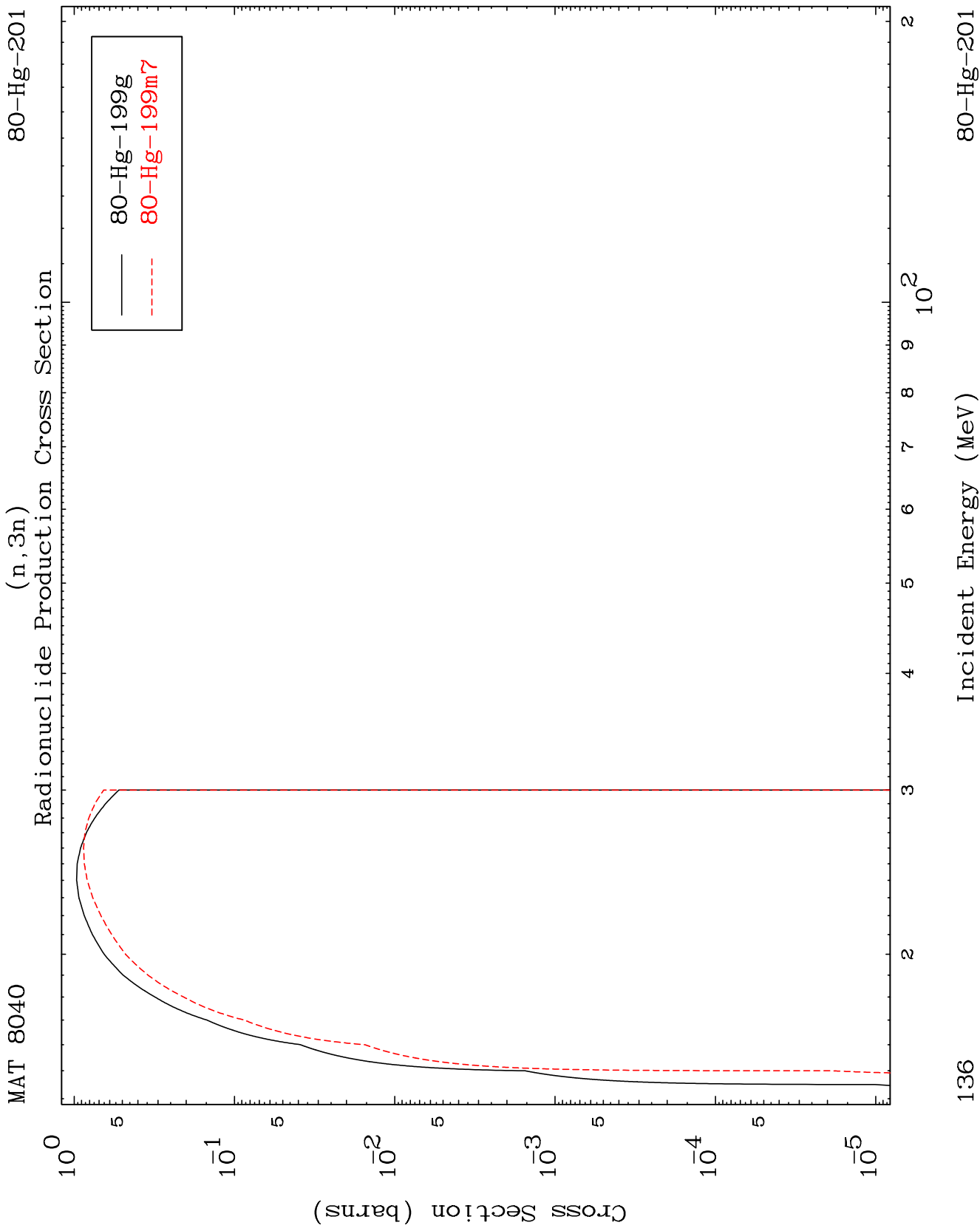
Radionuclide Production Cross Section



135

Incident Energy (MeV)

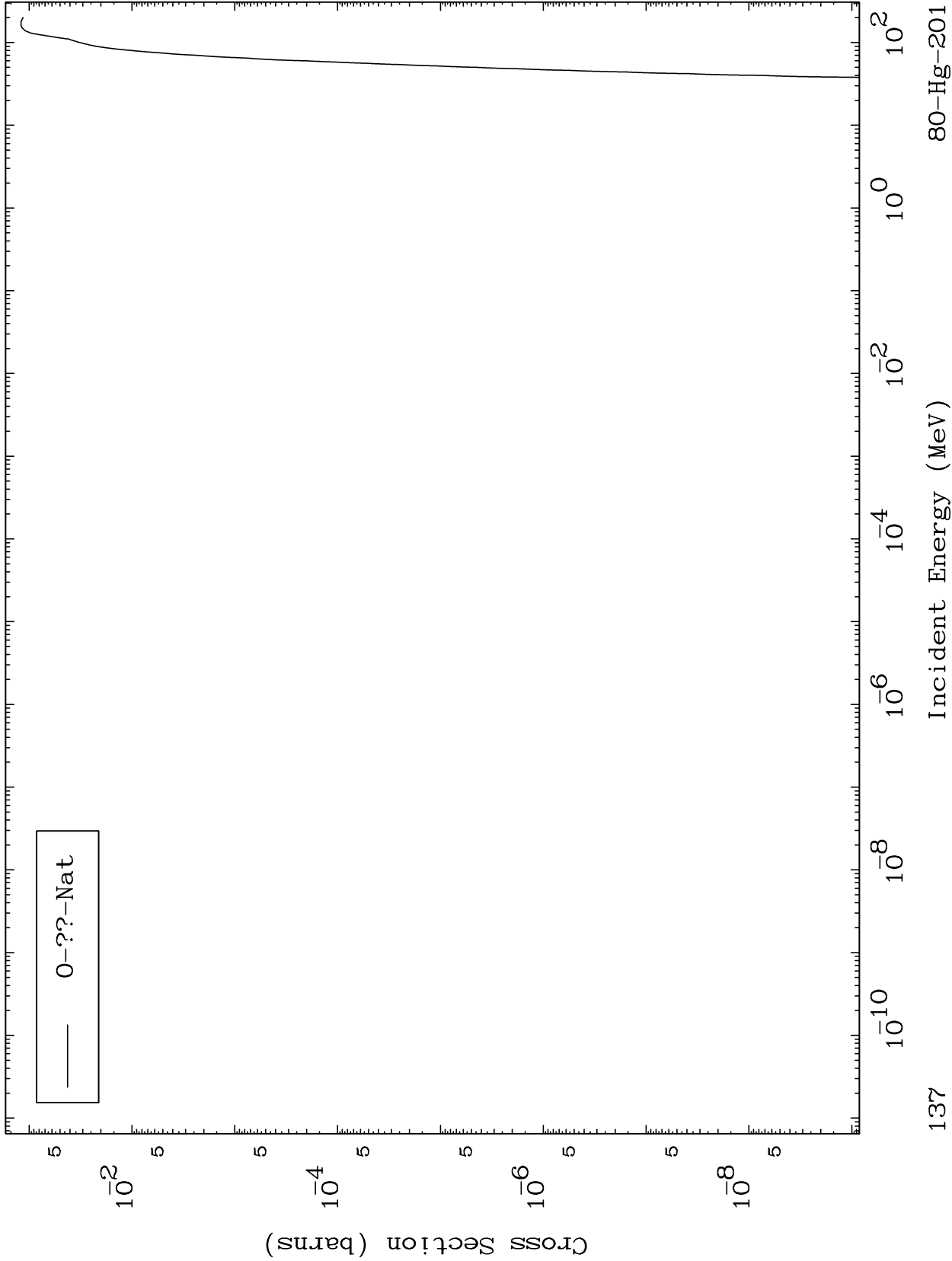
80-Hg-201



MAT 8040

Fission  
Radionuclide Production Cross Section

80-Hg-201

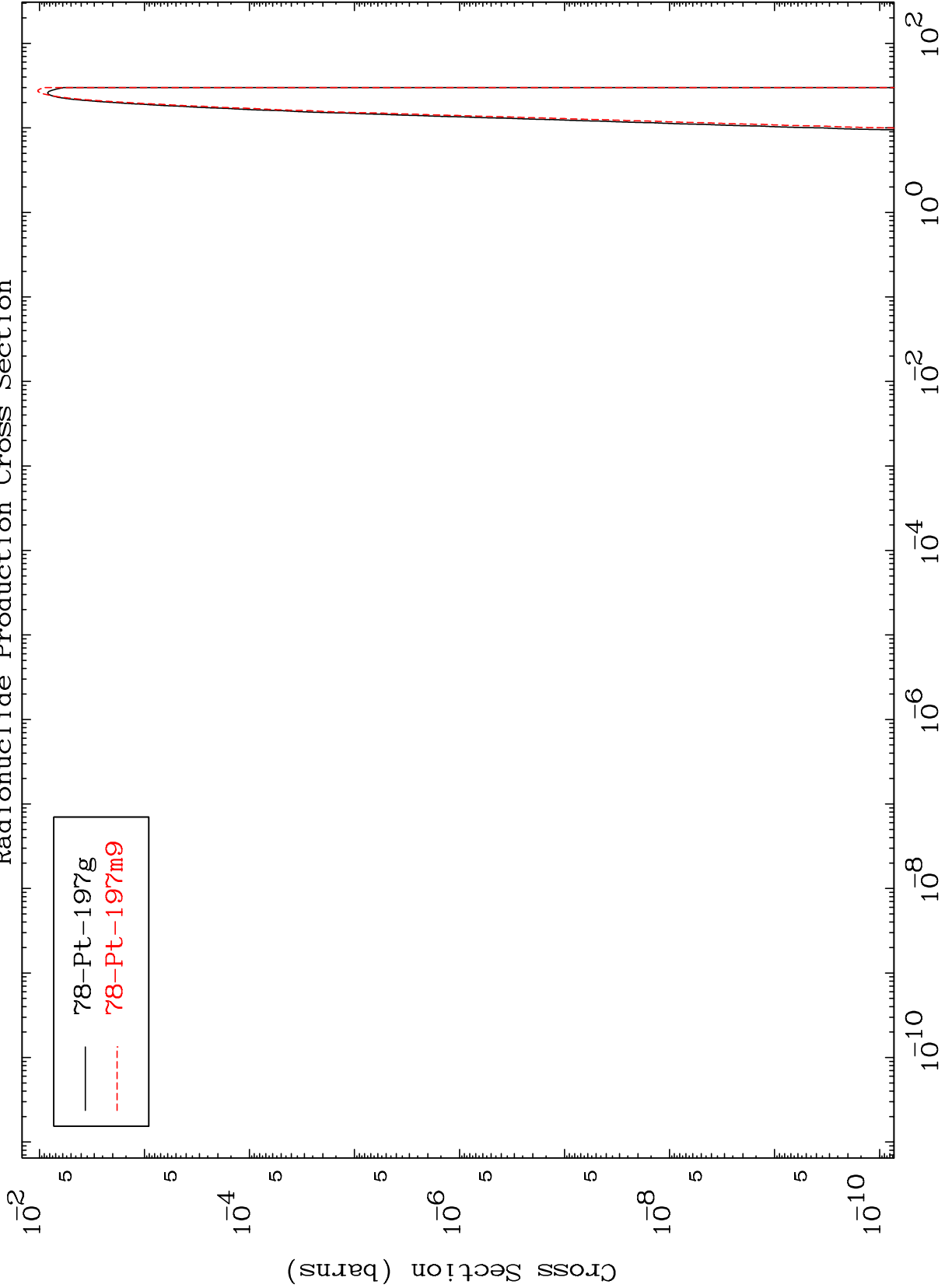


MAT 8040

$(n, n') \alpha$

80-Hg-201

Radionuclide Production Cross Section

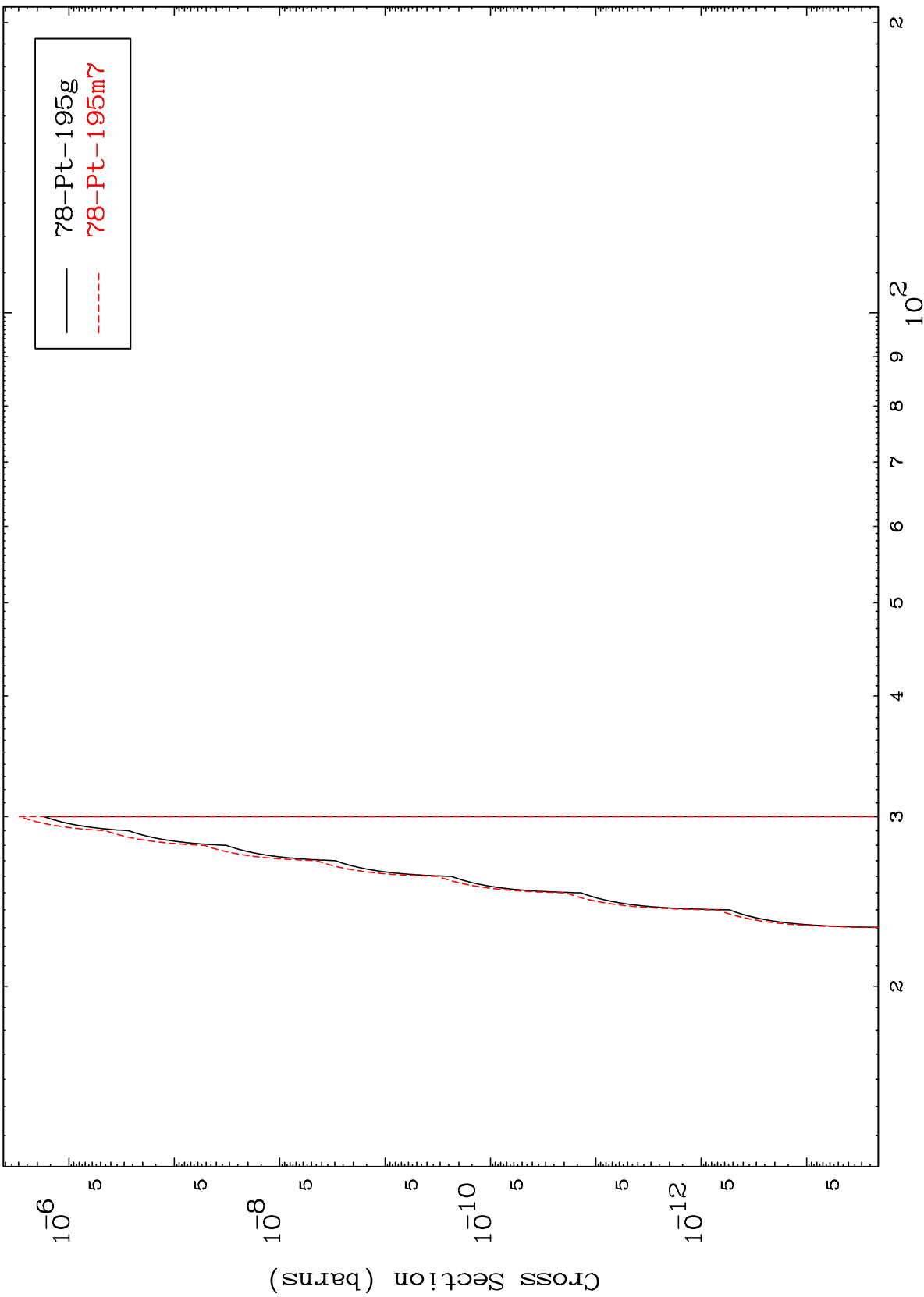


MAT 8040

(n,3n)  $\alpha$

80-Hg-201

Radionuclide Production Cross Section



139

Incident Energy (MeV)

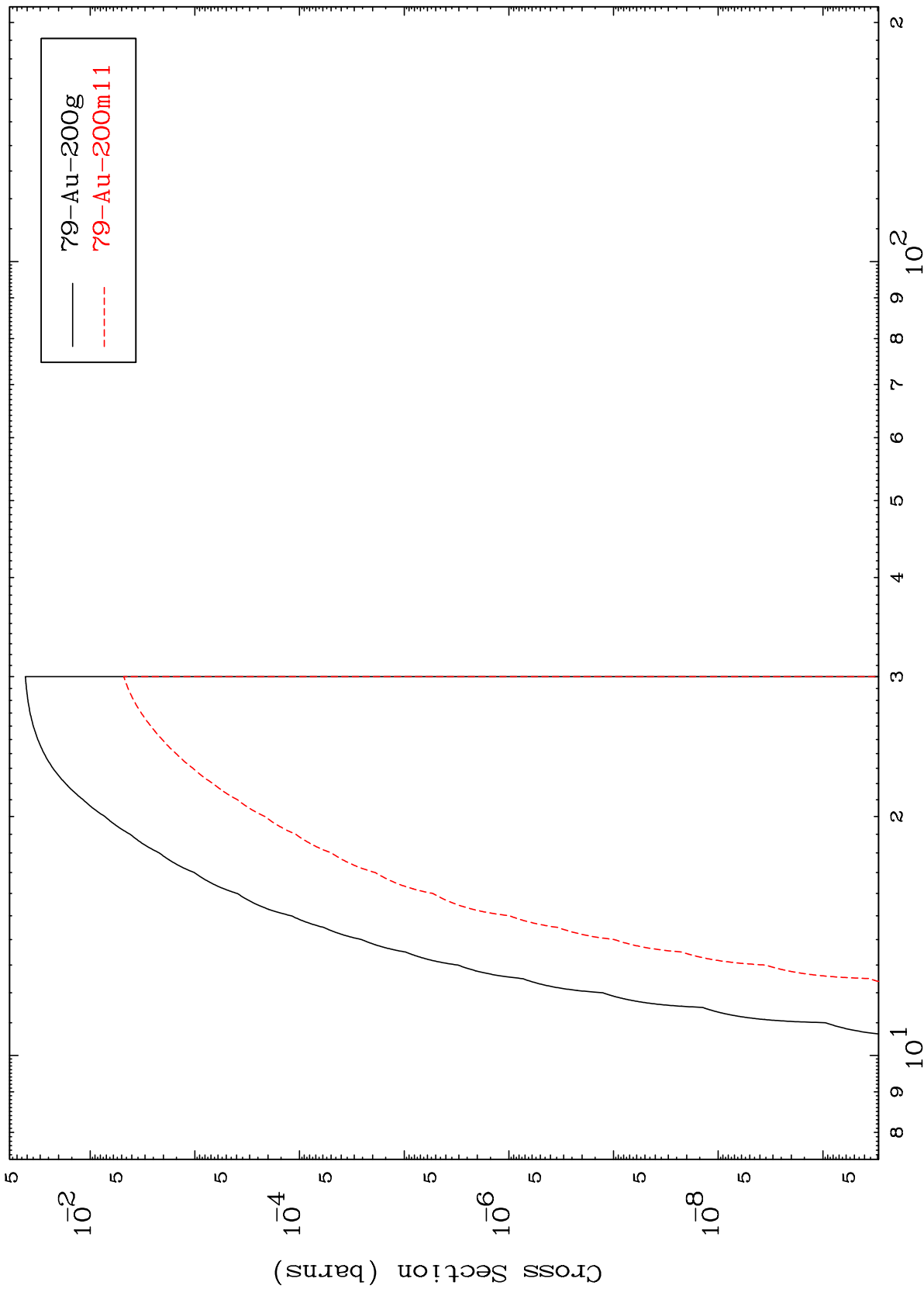
80-Hg-201

MAT 8040

(n,n') p

80-Hg-201

Radionuclide Production Cross Section



140

Incident Energy (MeV)

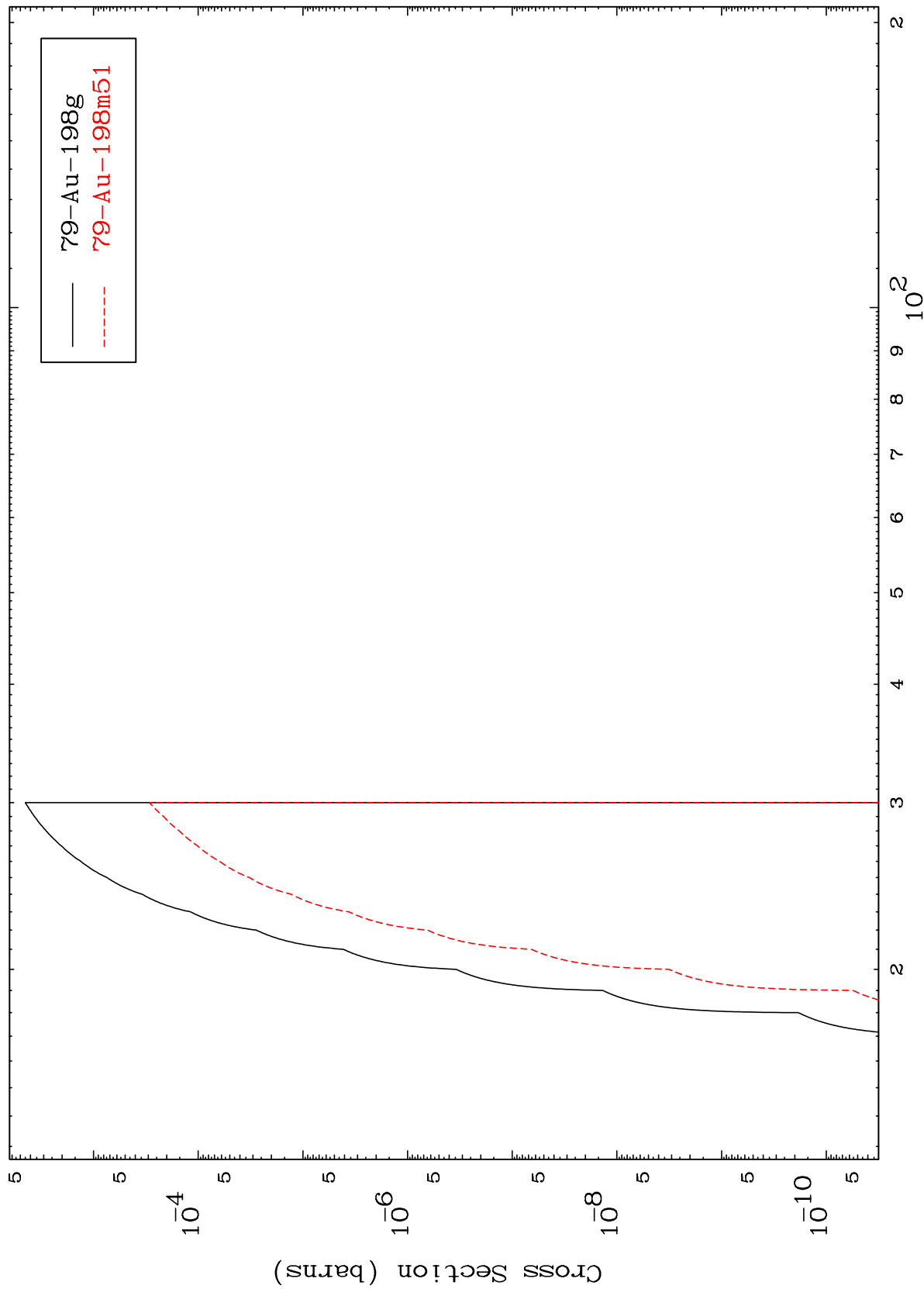
80-Hg-201

MAT 8040

(n,n') t

80-Hg-201

Radionuclide Production Cross Section



141

Incident Energy (MeV)

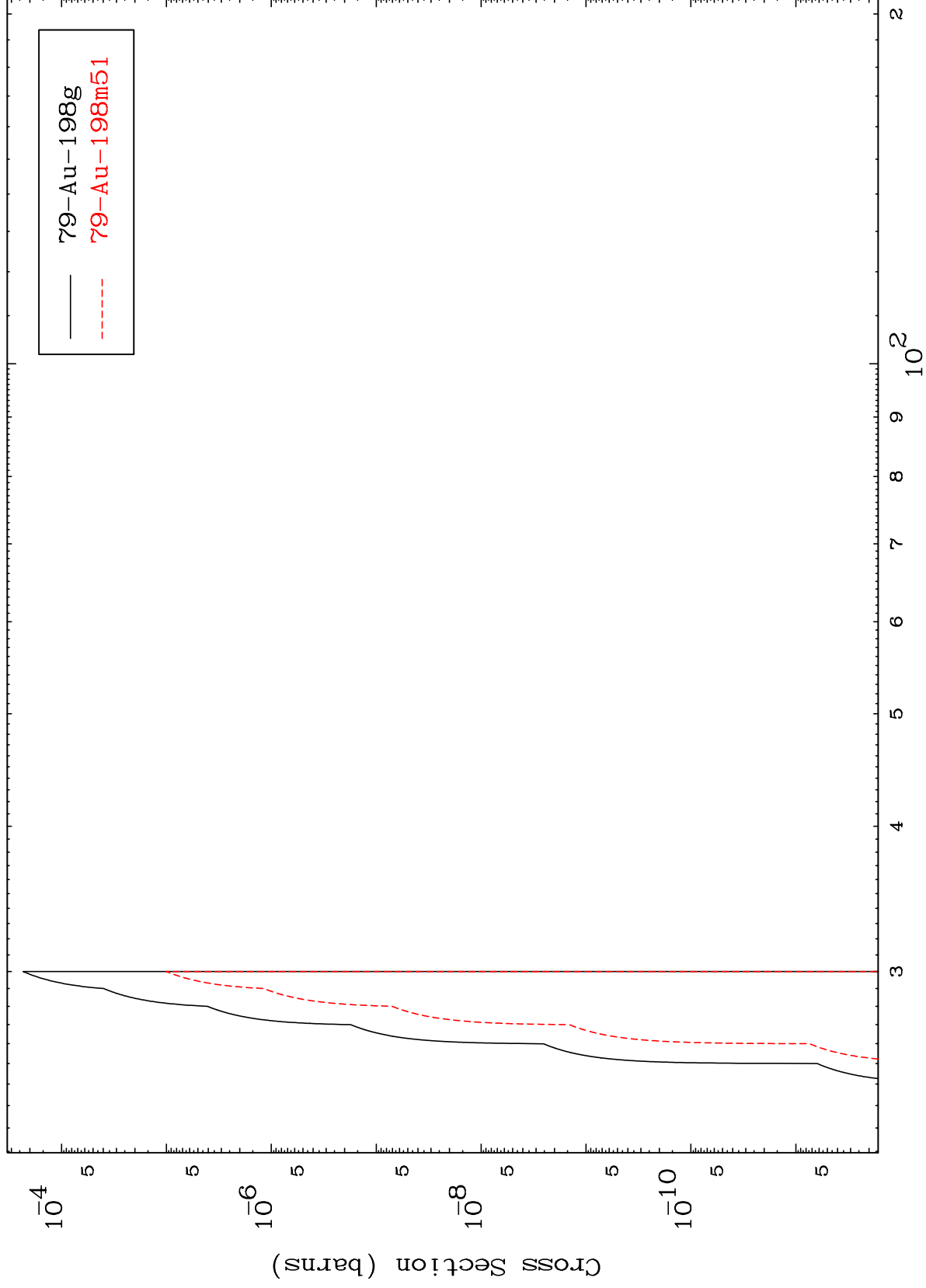
80-Hg-201

MAT 8040

(n,3n) p

80-Hg-201

Radionuclide Production Cross Section



142

Incident Energy (MeV)

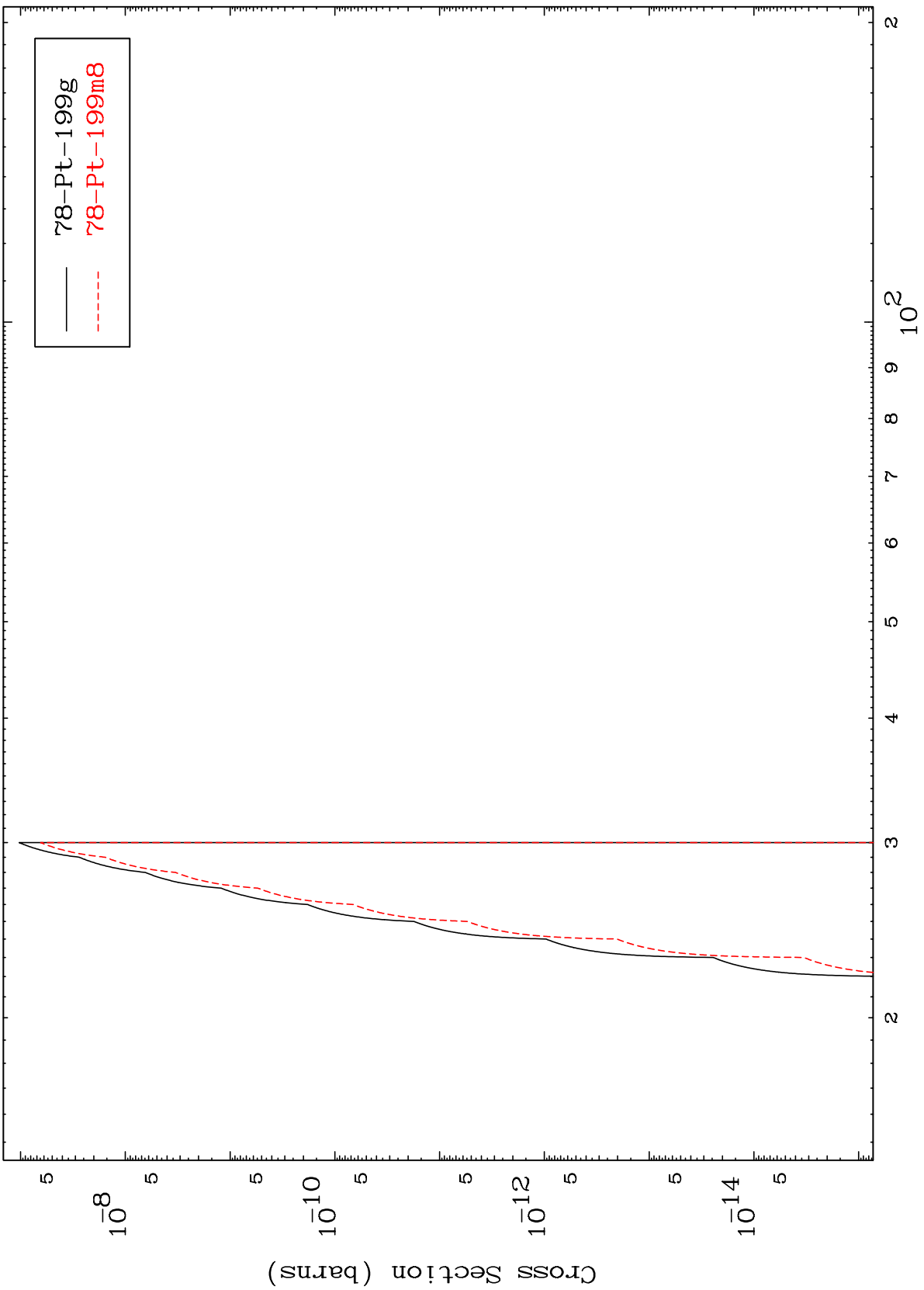
80-Hg-201

MAT 8040

(n,2n) p

80-Hg-201

Radionuclide Production Cross Section



78-Pt-199g  
78-Pt-199m8

143

Incident Energy (MeV)

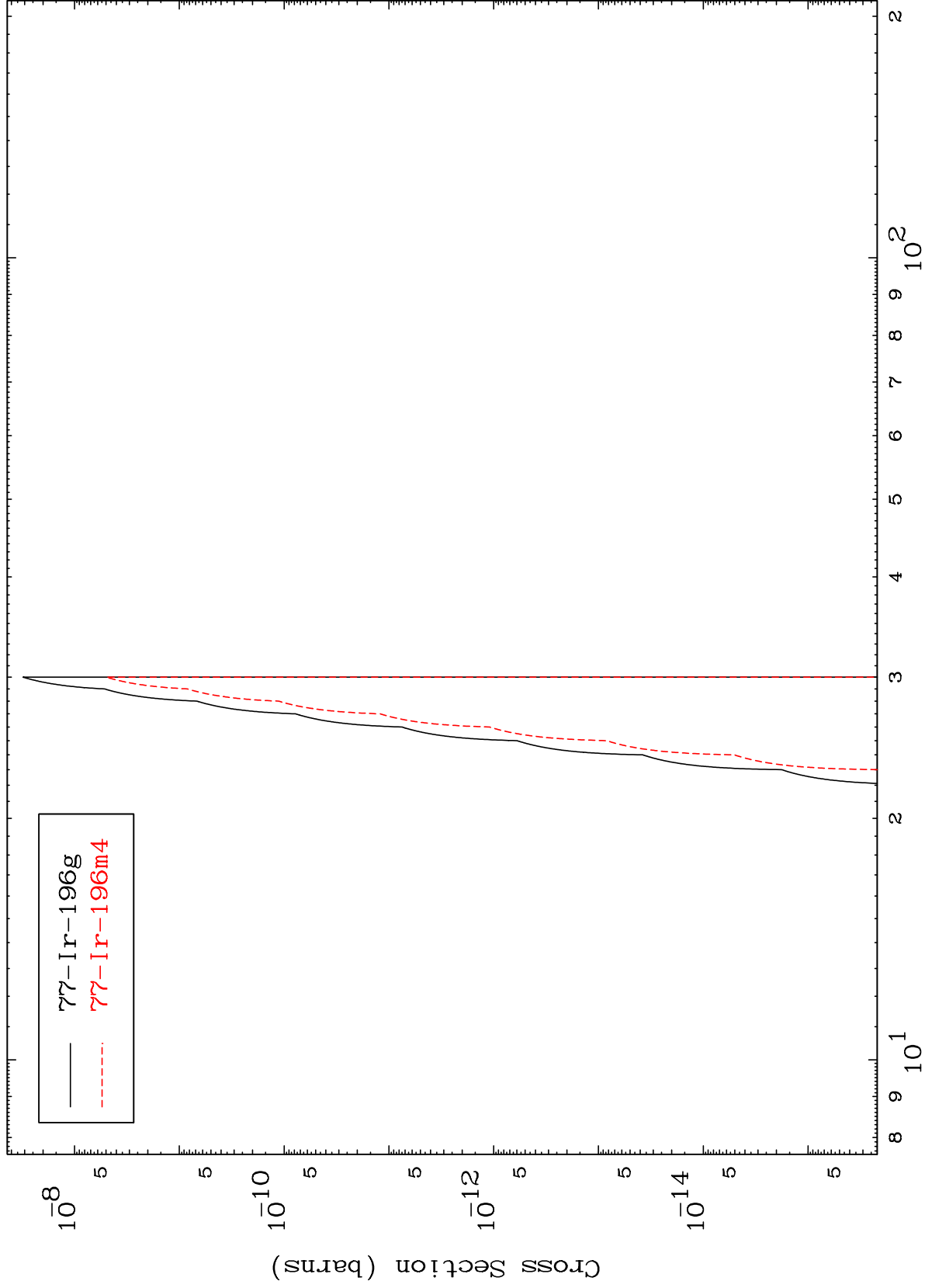
80-Hg-201

MAT 8040

(n,n') p  $\alpha$

80-Hg-201

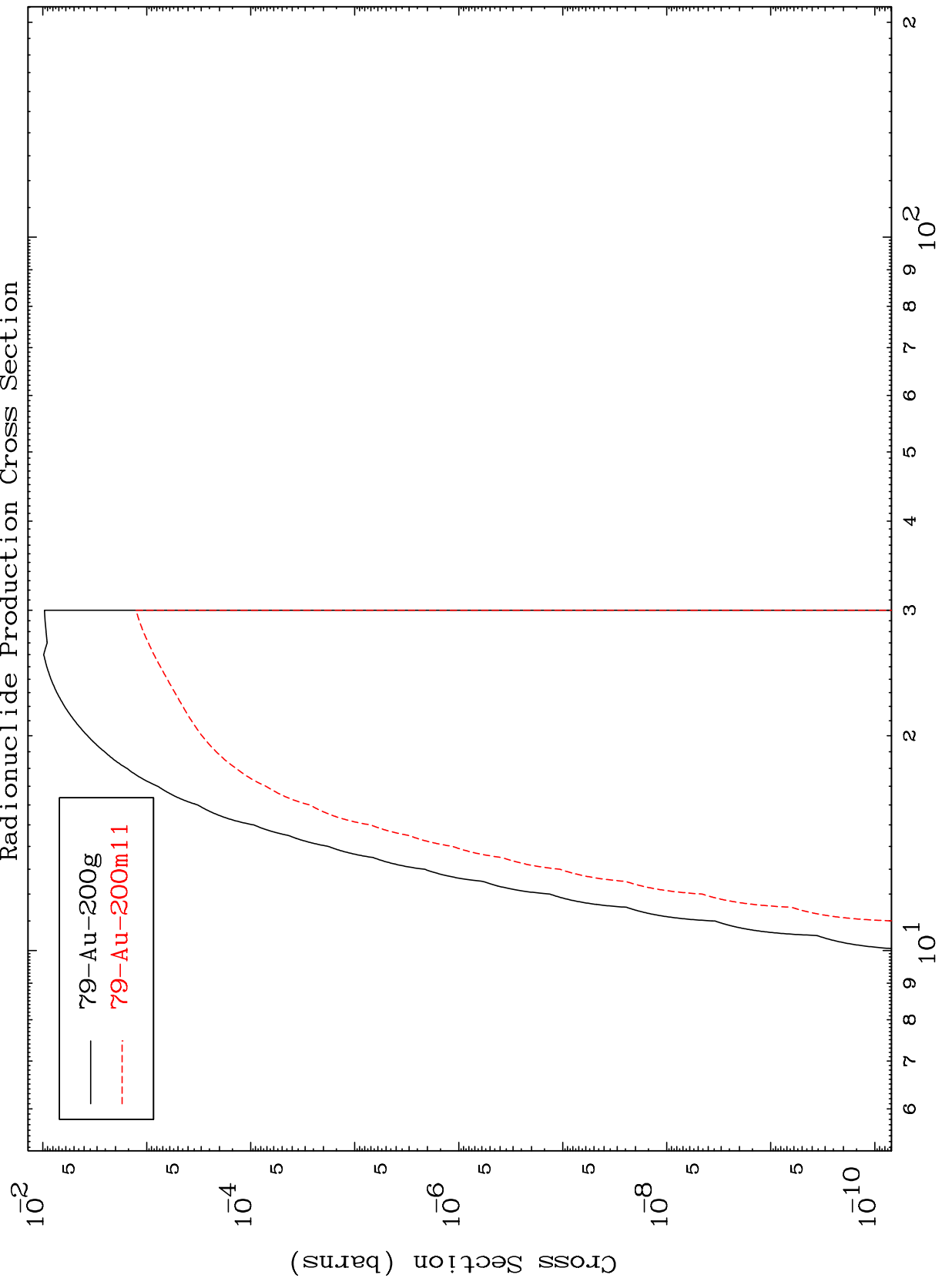
Radionuclide Production Cross Section



MAT 8040

80-Hg-201

Radionuclide Production Cross Section (n,d)



145

Incident Energy (MeV)

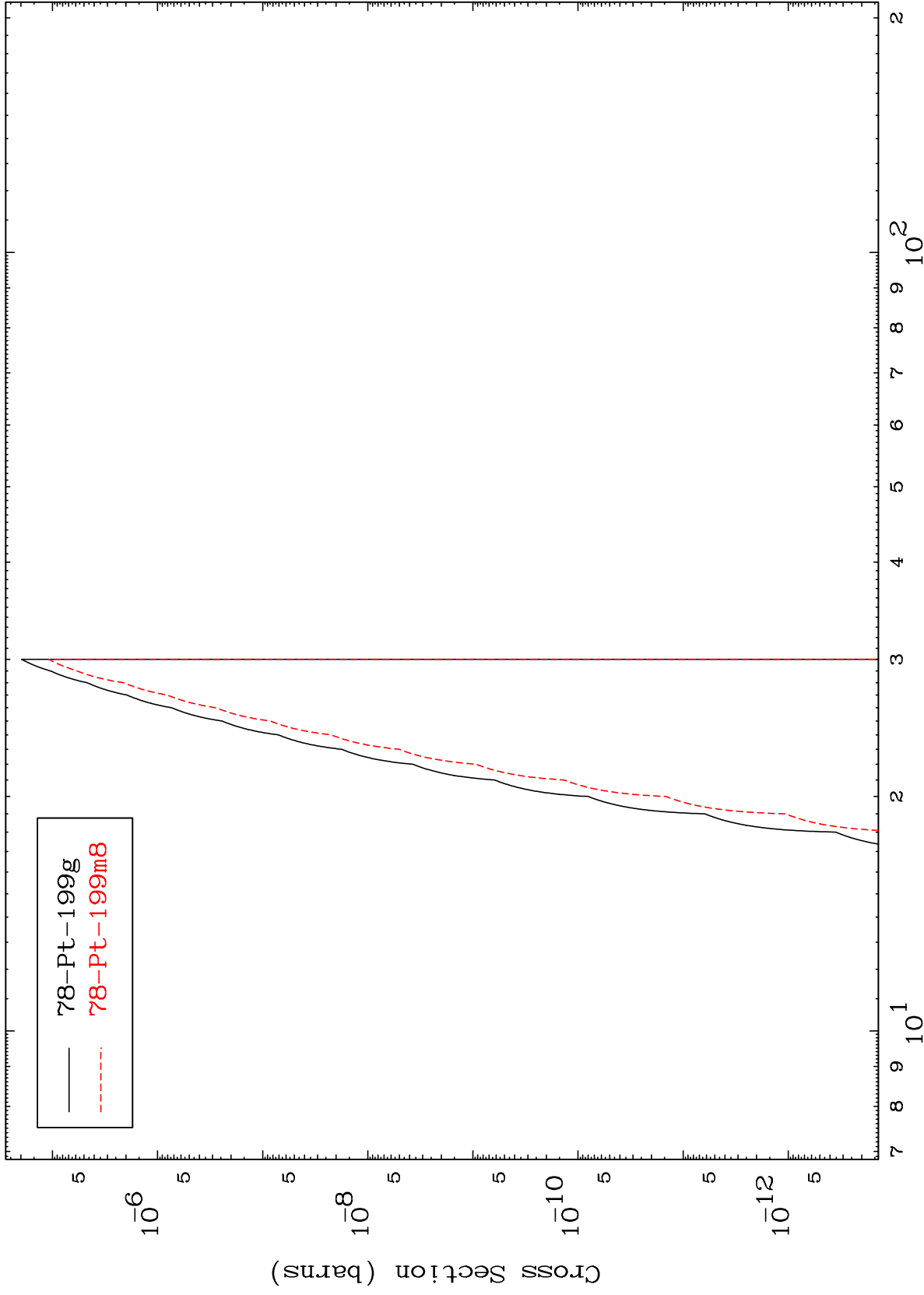
80-Hg-201

MAT 8040

(n,He-3)

80-Hg-201

Radionuclide Production Cross Section



78-Pt-199g  
78-Pt-199m8

146

Incident Energy (MeV)

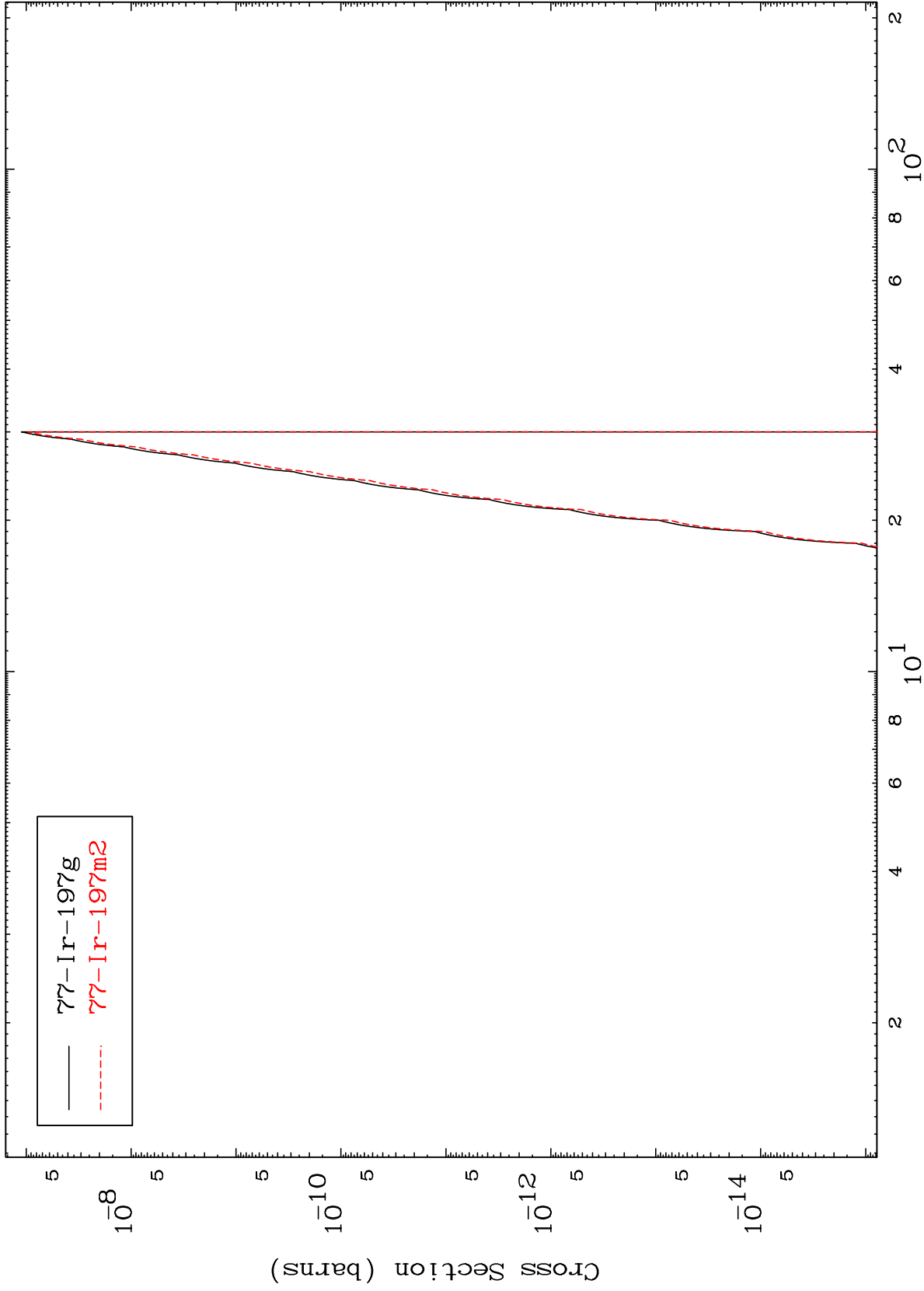
80-Hg-201

MAT 8040

80-Hg-201

(n,p)  $\alpha$

Radionuclide Production Cross Section



147

Incident Energy (MeV)

80-Hg-201