

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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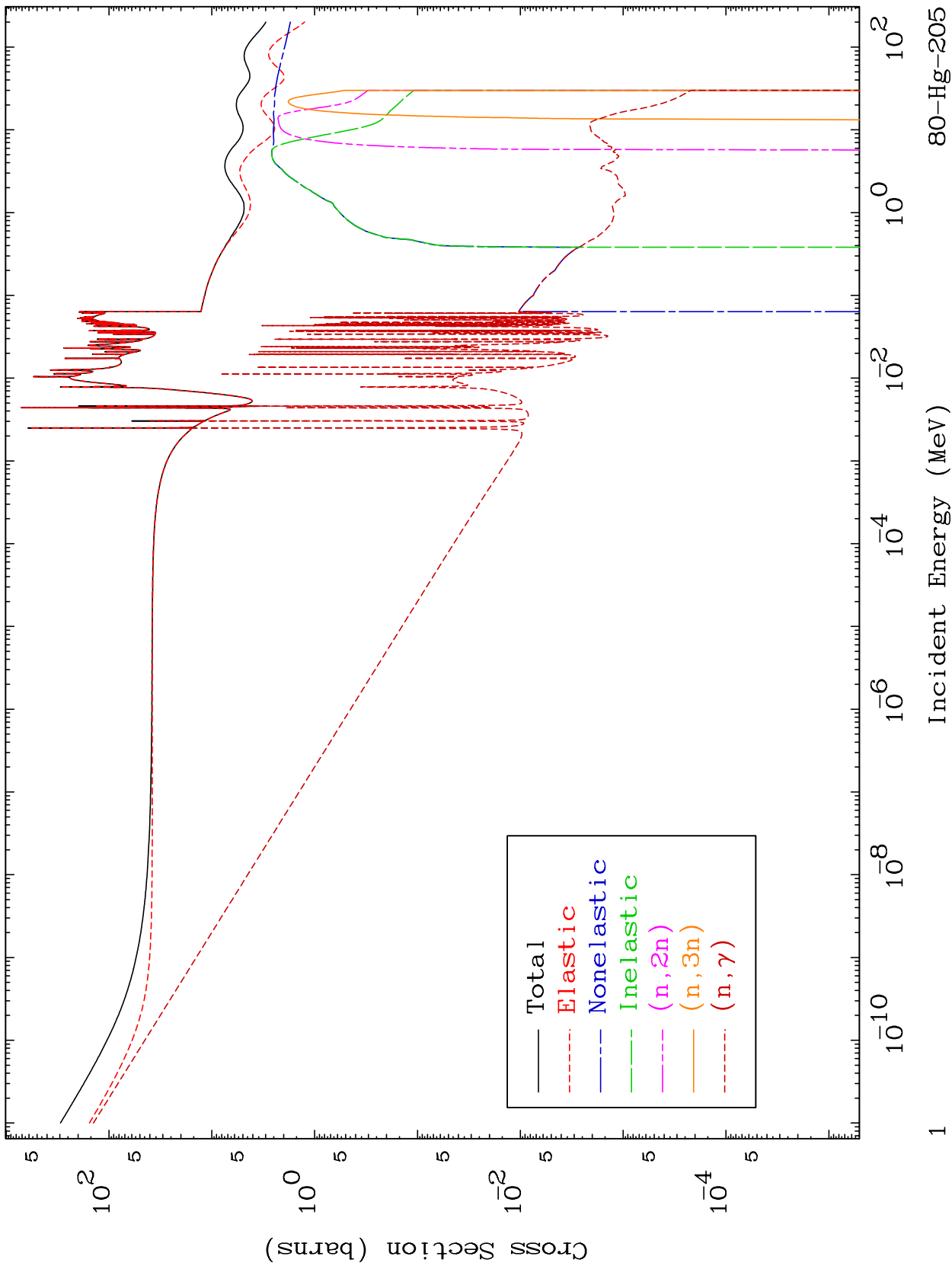
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8052

Neutron Major  
293 Kelvin Cross Sections

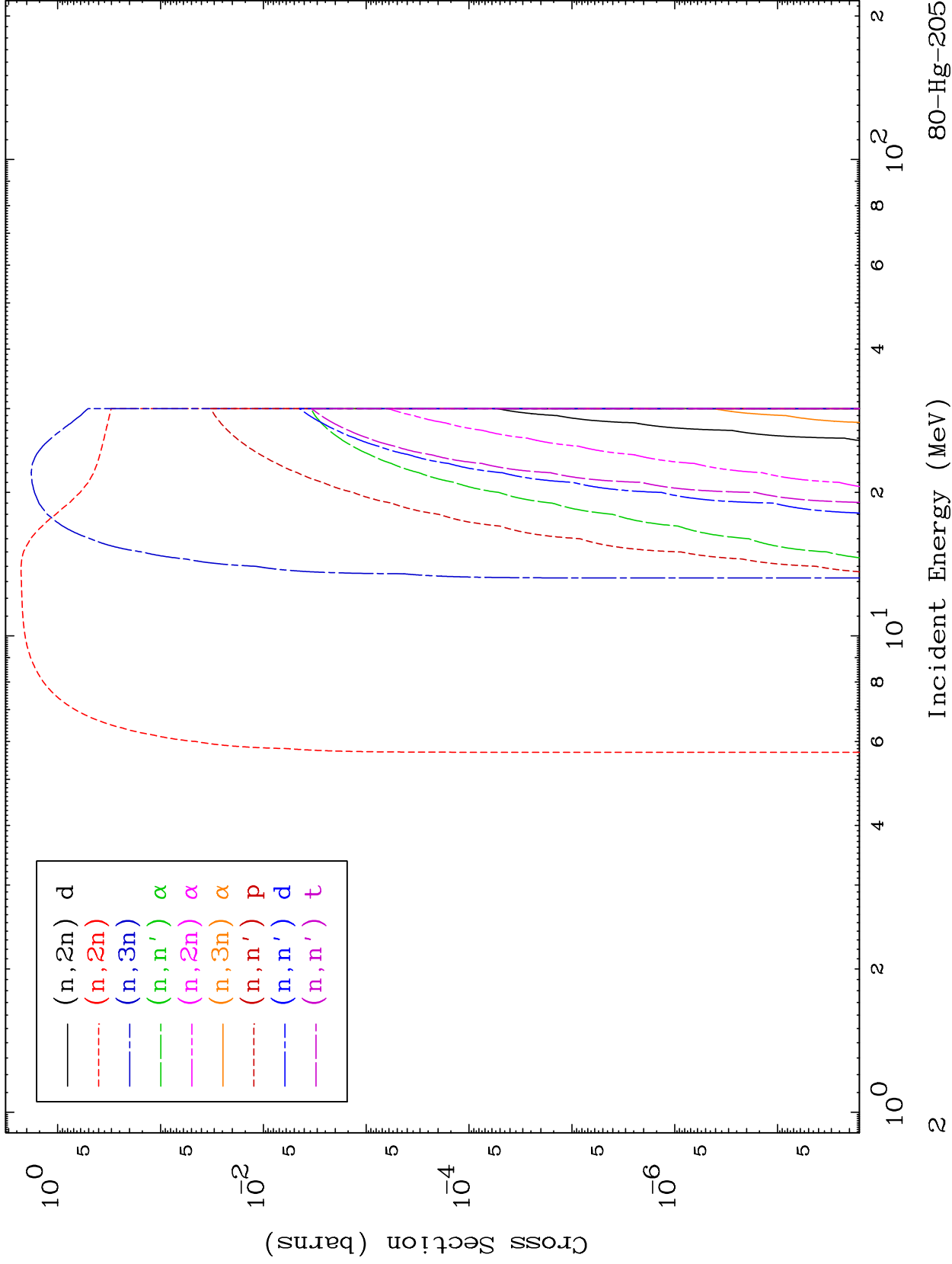
80-Hg-205



MAT 8052

Neutron Absorption  
293 Kelvin Cross Sections

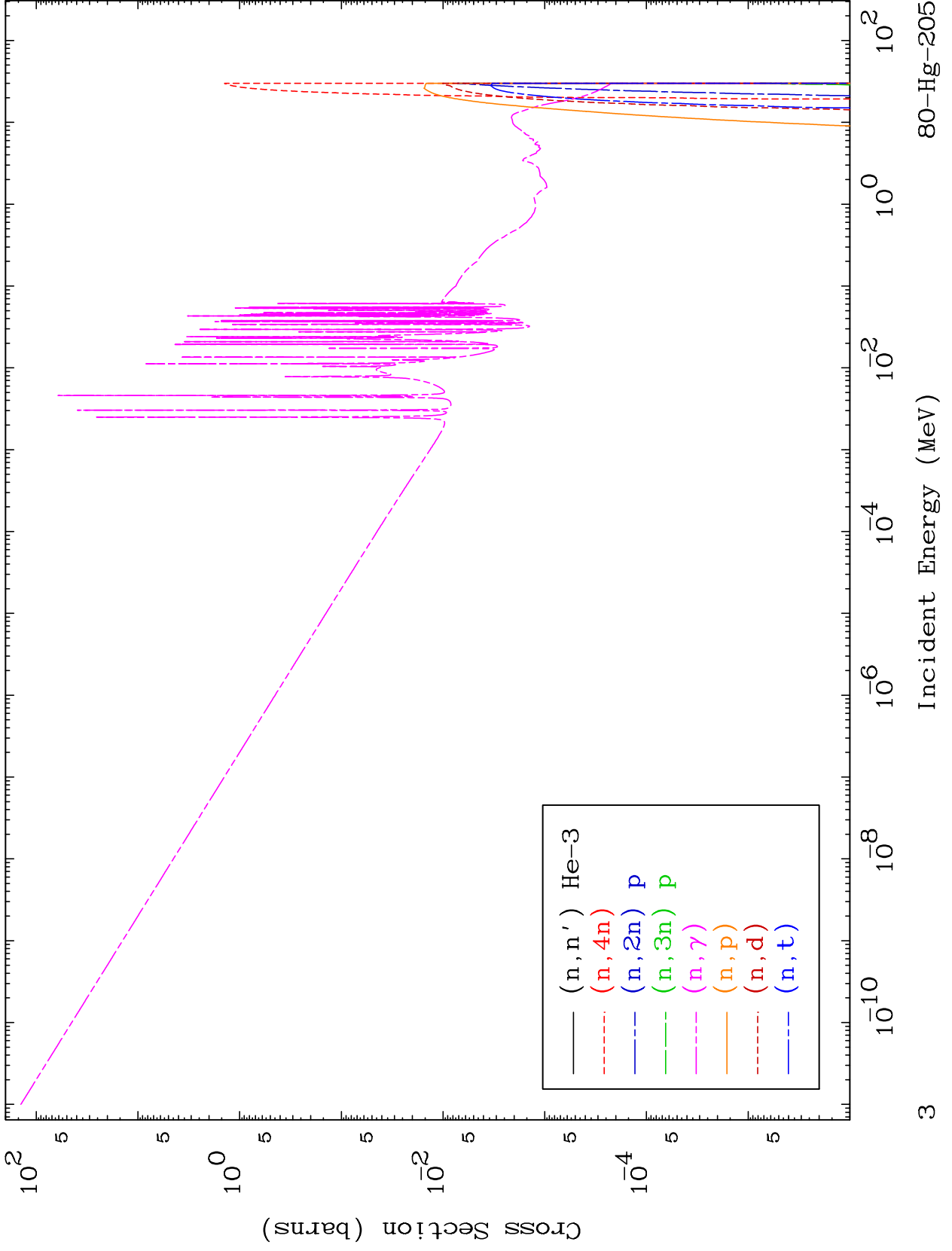
80-Hg-205

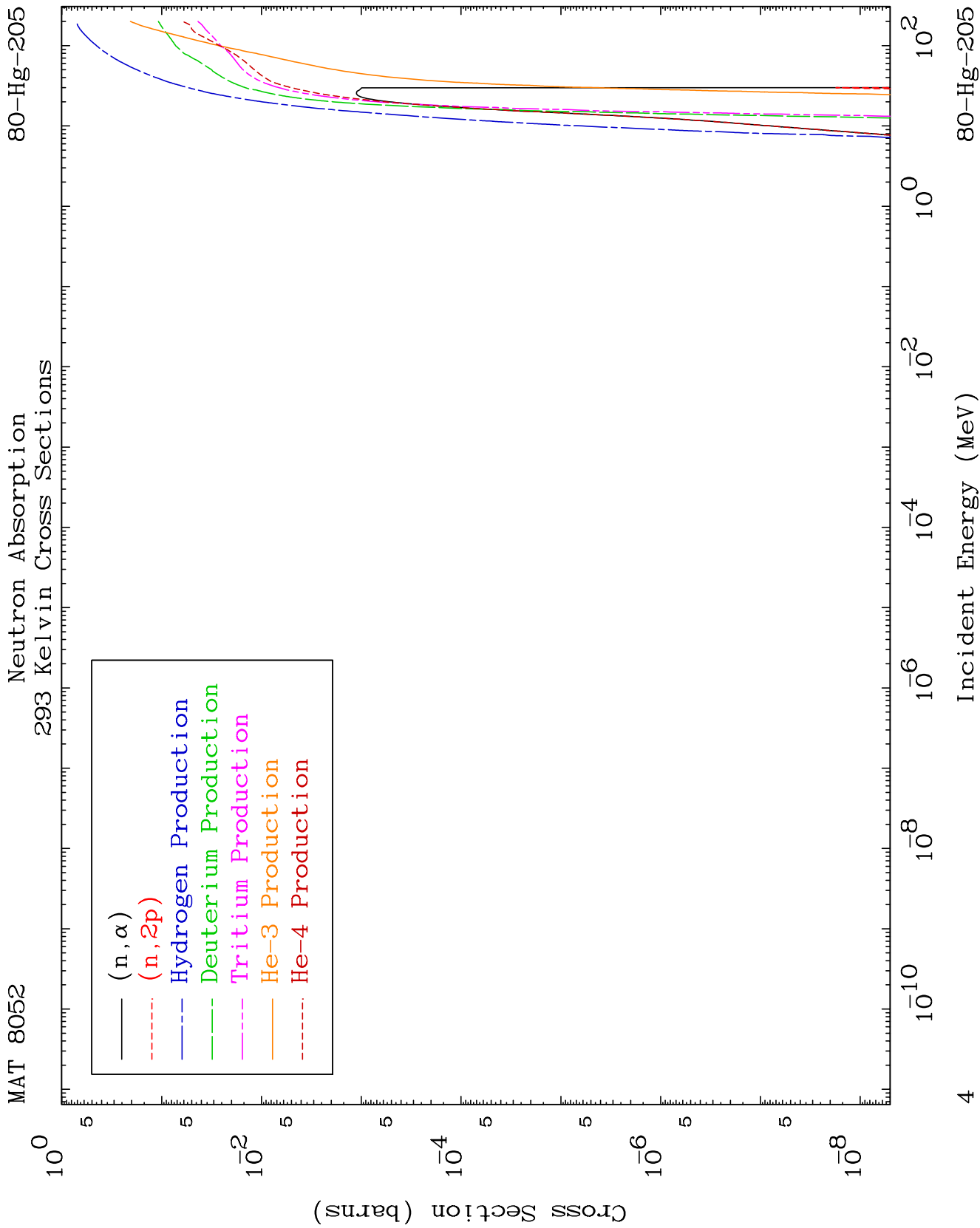


MAT 8052

Neutron Absorption  
293 Kelvin Cross Sections

80-Hg-205

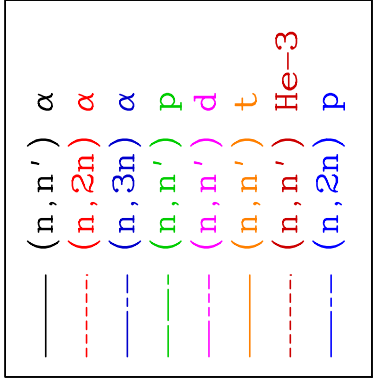
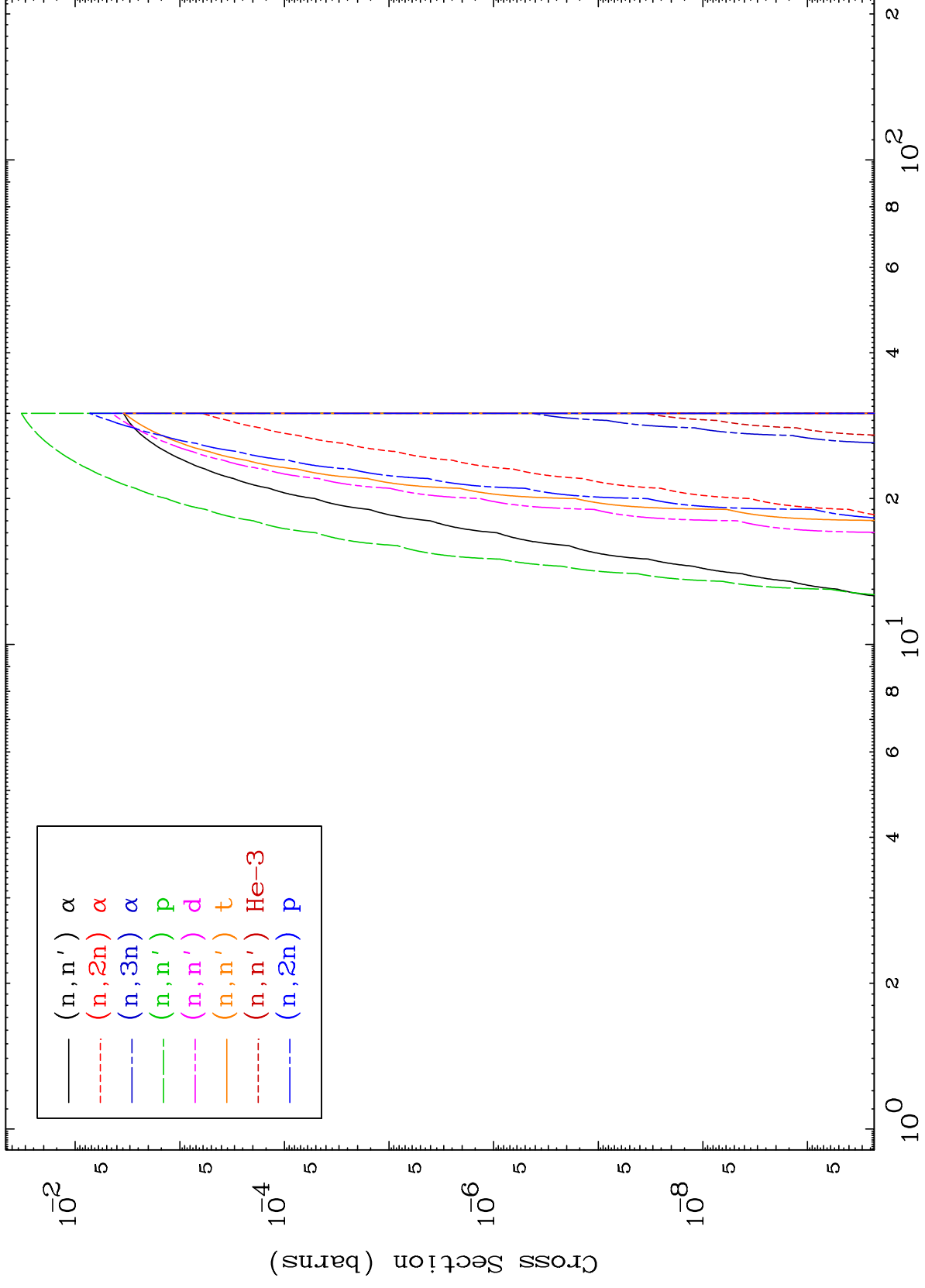




MAT 8052

Charged Particle  
293 Kelvin Cross Sections

80-Hg-205



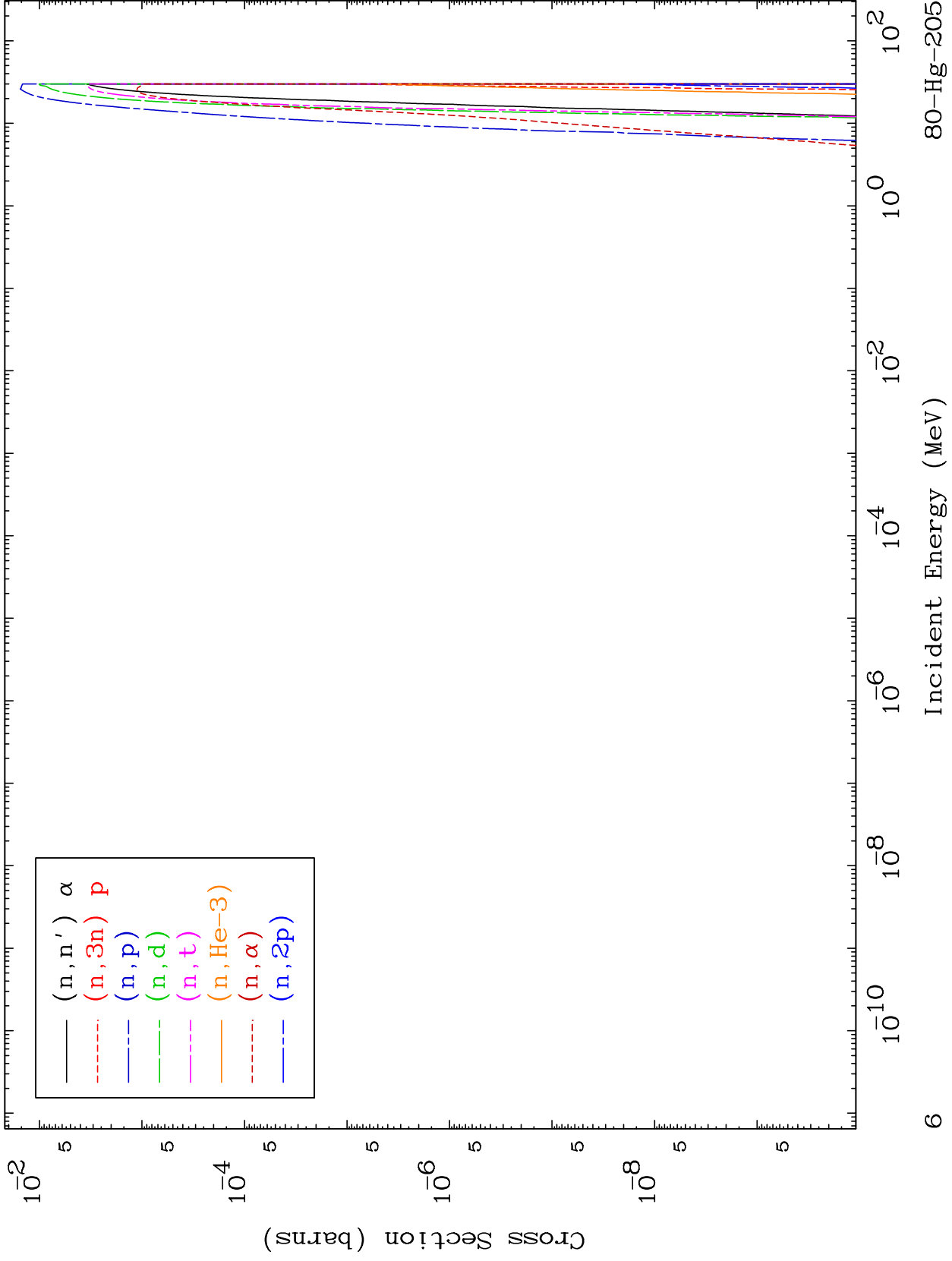
Incident Energy (MeV)

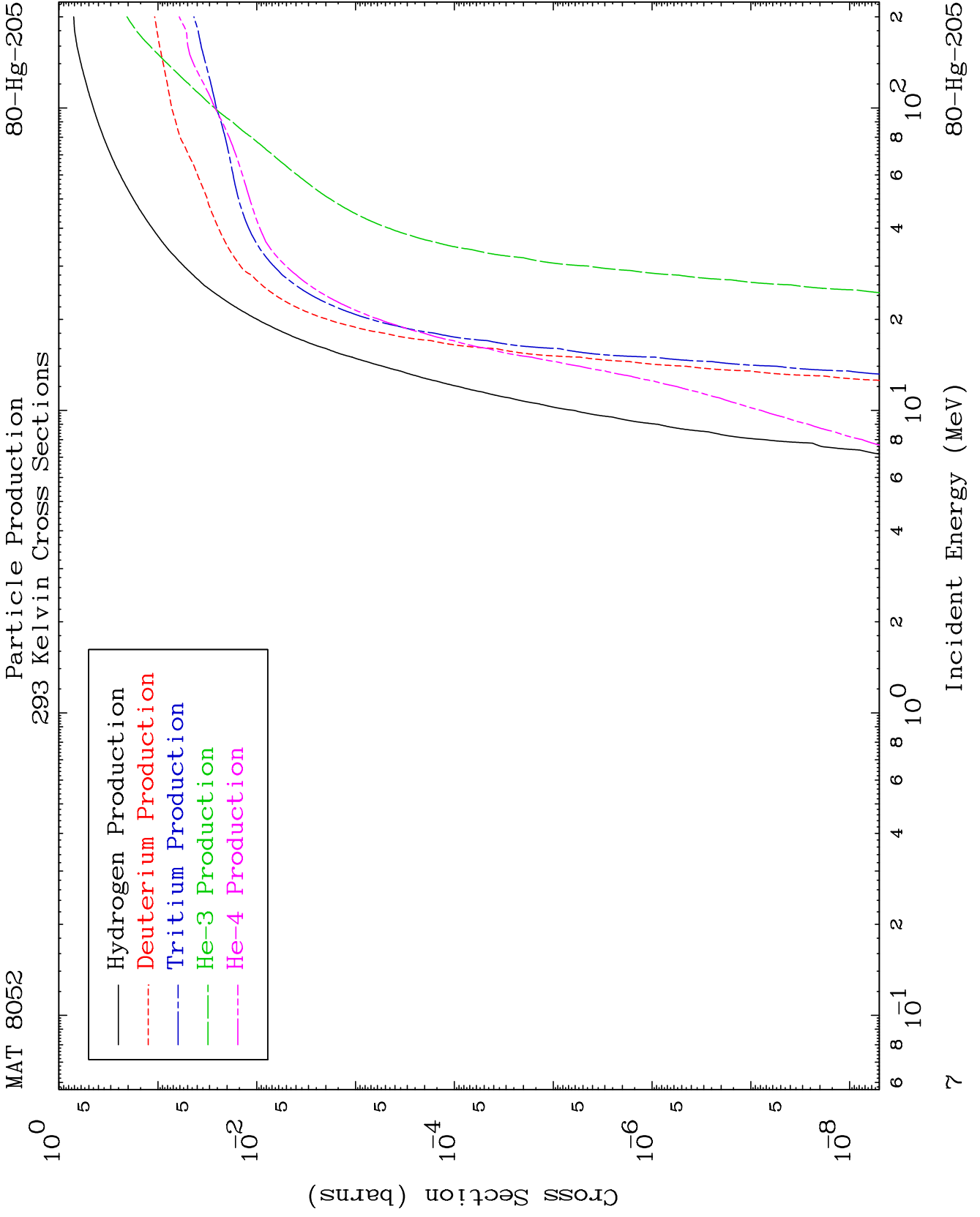
80-Hg-205

MAT 8052

Charged Particle  
293 Kelvin Cross Sections

80-Hg-205

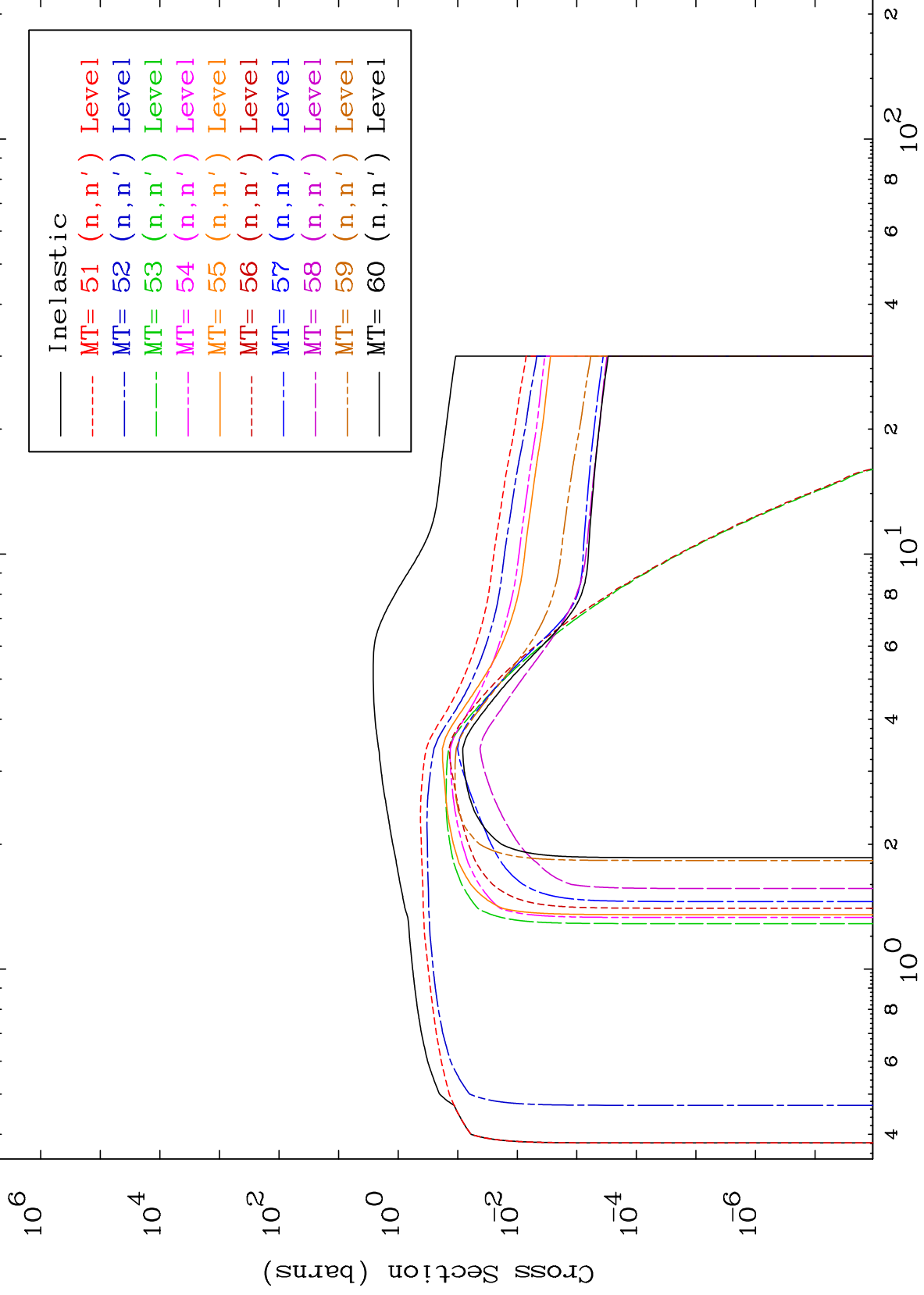




MAT 8052

(n,n') Levels  
293 Kelvin Cross Sections

80-Hg-205



8

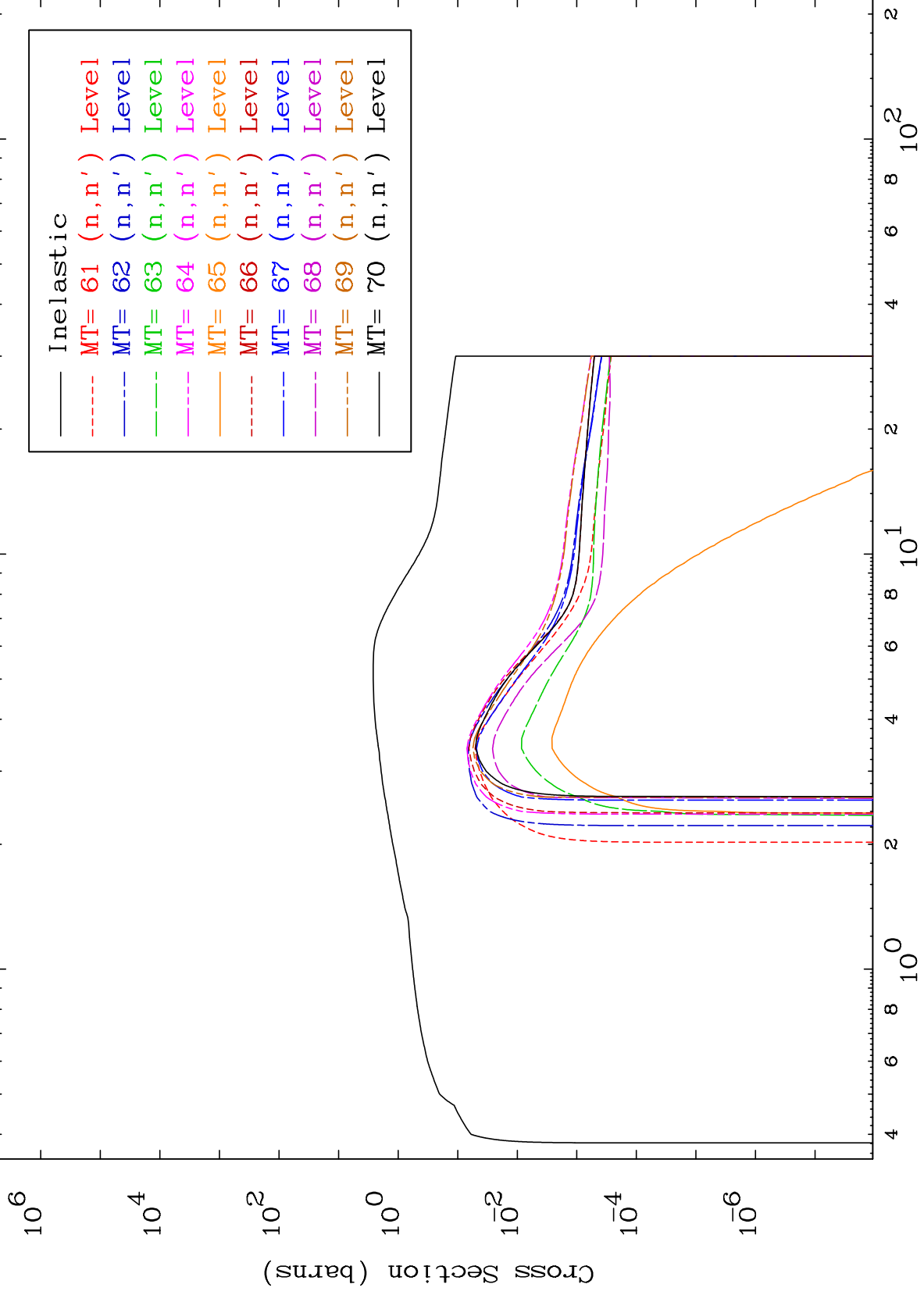
Incident Energy (MeV)

80-Hg-205

MAT 8052

(n,n') Levels  
293 Kelvin Cross Sections

80-Hg-205



9

Incident Energy (MeV)

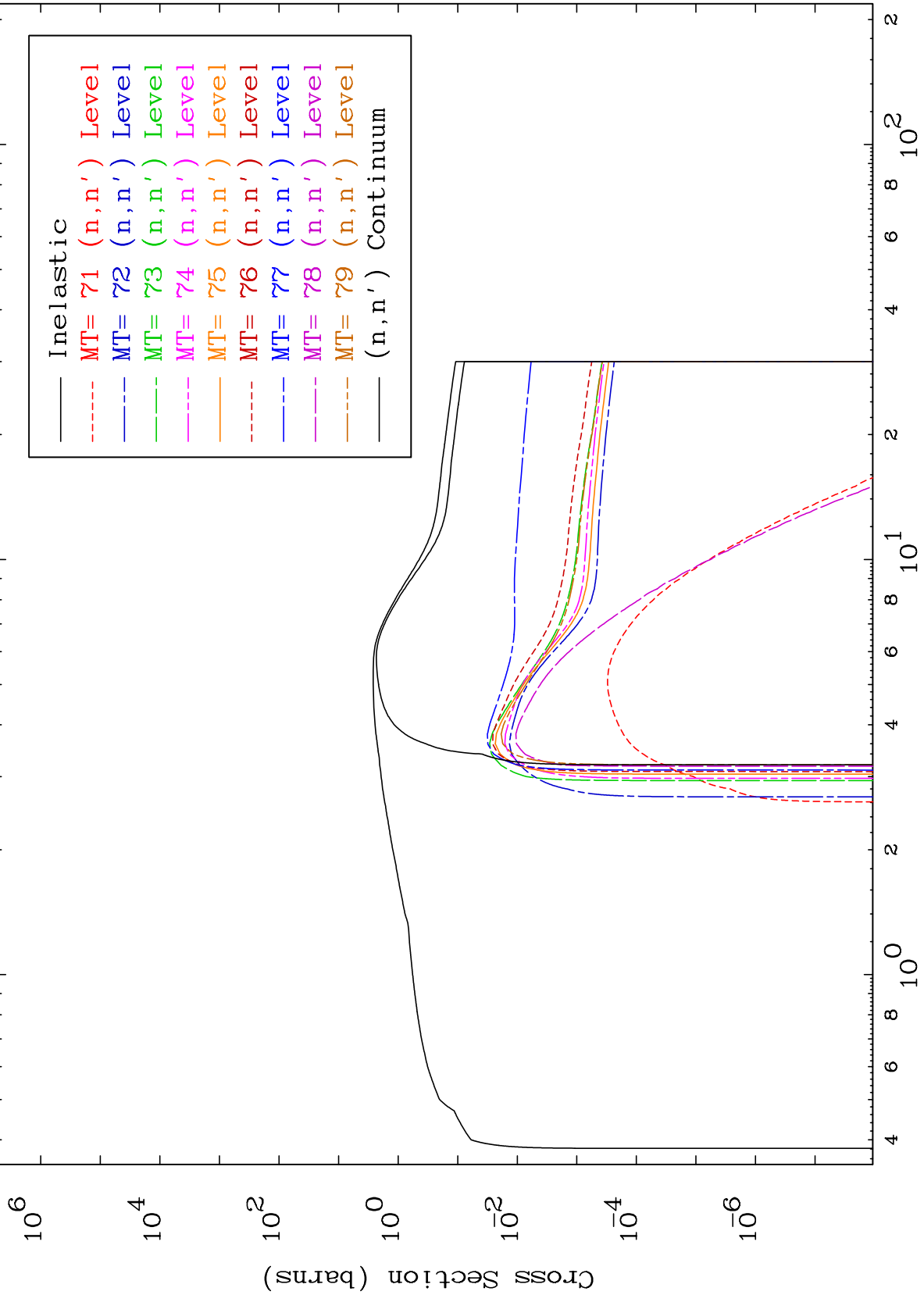
80-Hg-205

MAT 8052

(n,n') Levels

293 Kelvin Cross Sections

80-Hg-205



10

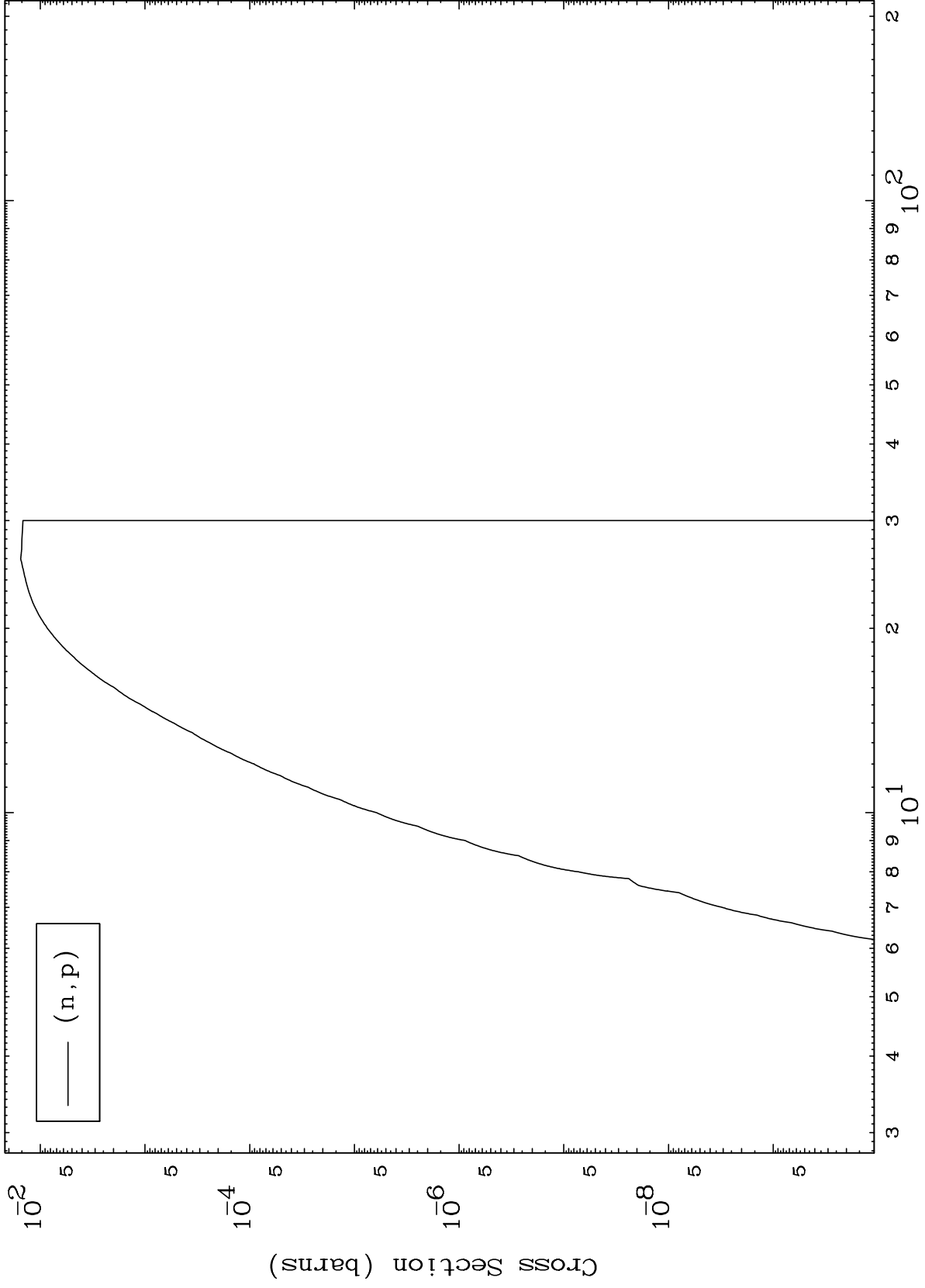
Incident Energy (MeV)

80-Hg-205

MAT 8052

(n,p) Levels  
293 Kelvin Cross Sections

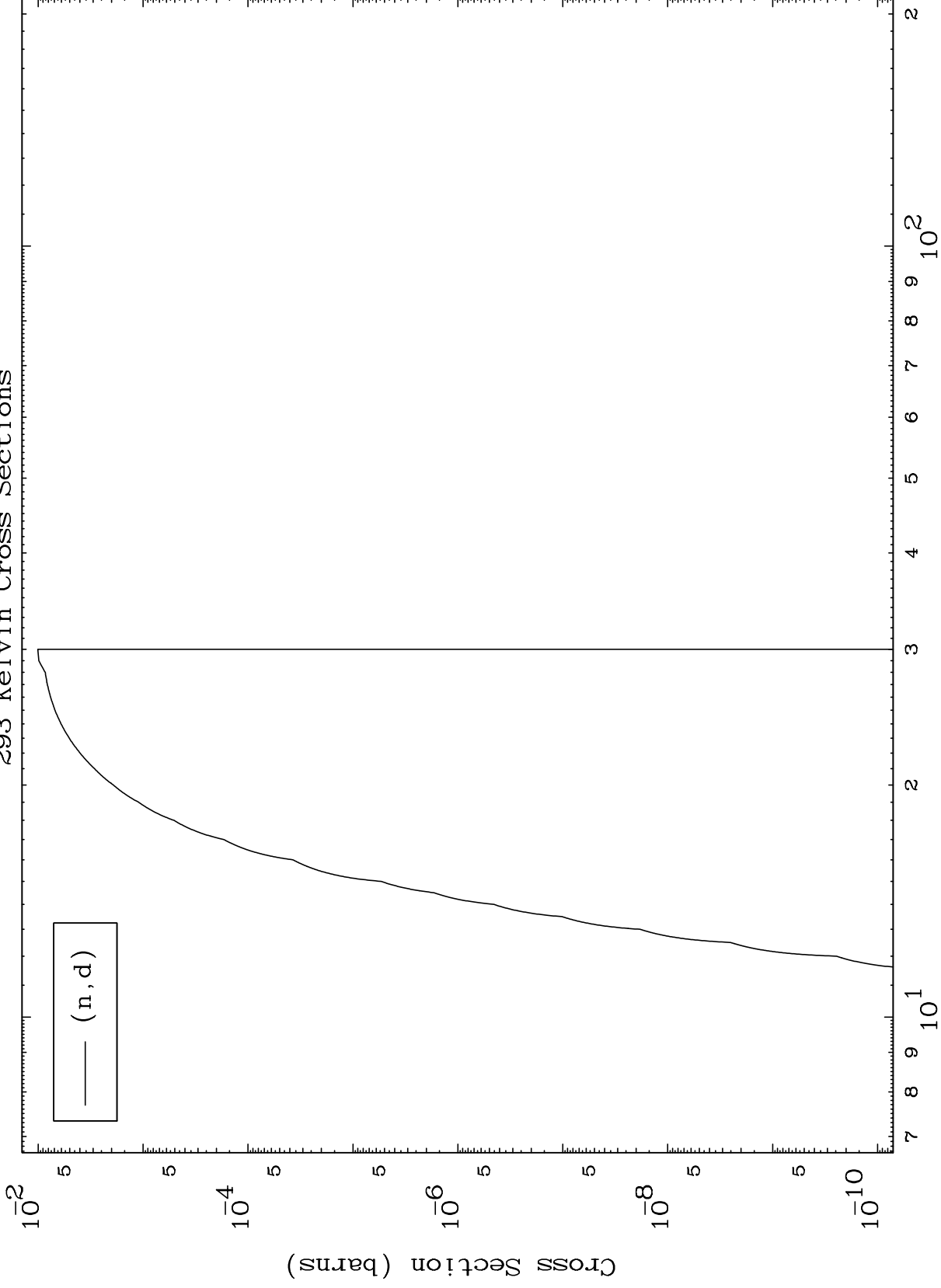
80-Hg-205



MAT 8052

(n,d) Levels  
293 Kelvin Cross Sections

80-Hg-205



12

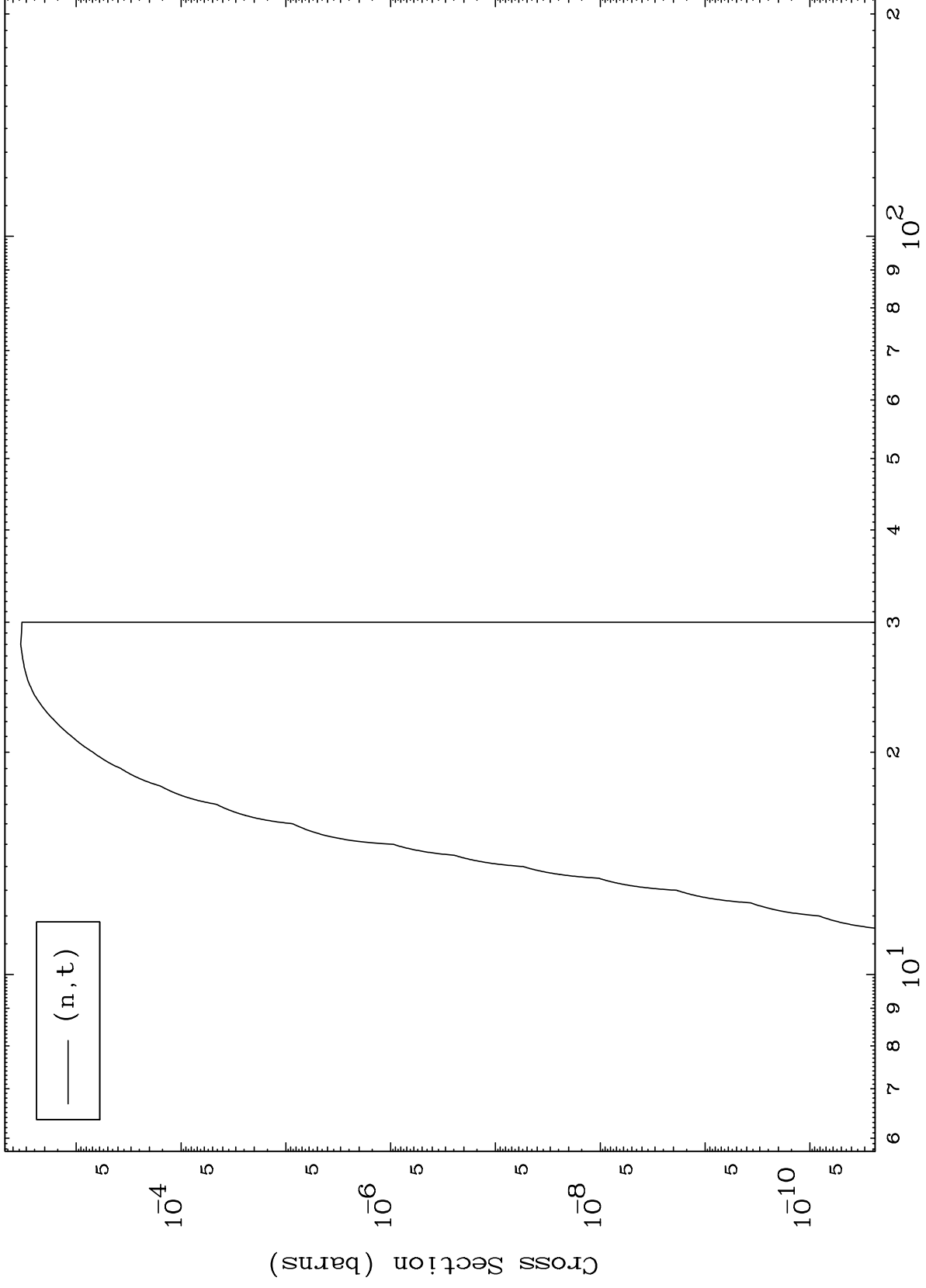
Incident Energy (MeV)

80-Hg-205

MAT 8052

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-205



13

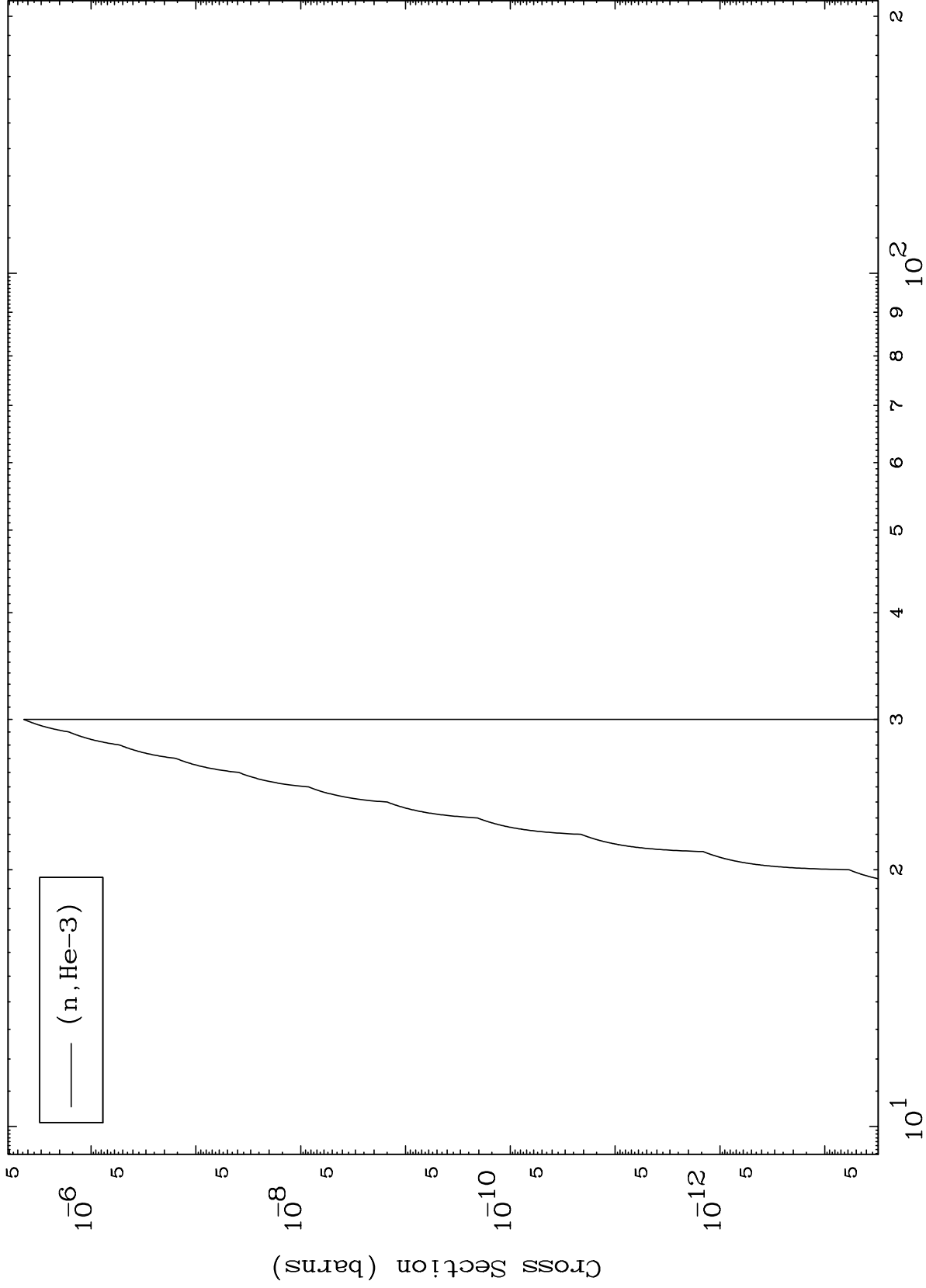
Incident Energy (MeV)

80-Hg-205

MAT 8052

(n,He3) Levels  
293 Kelvin Cross Sections

80-Hg-205



Incident Energy (MeV)

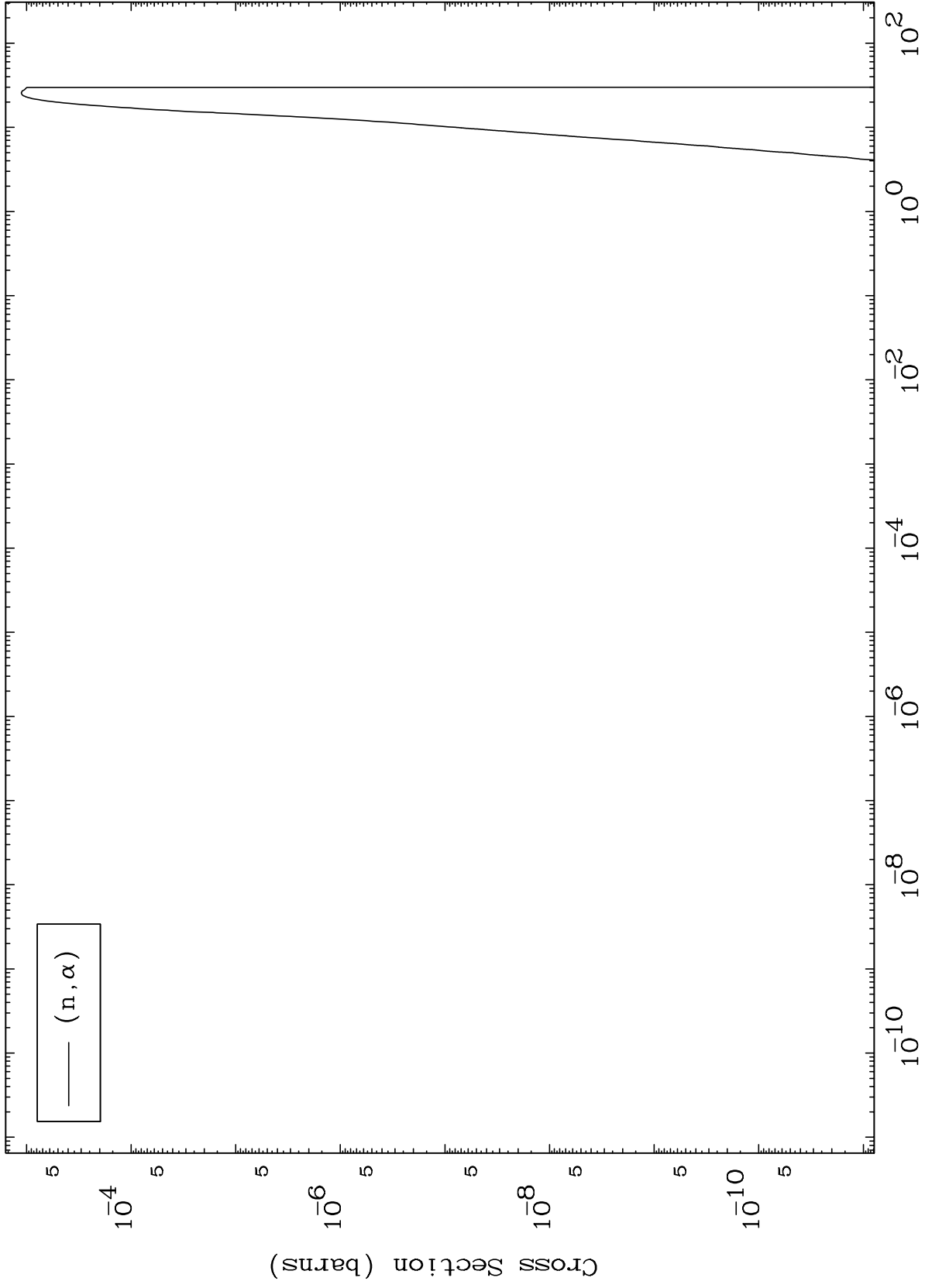
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14

MAT 8052

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

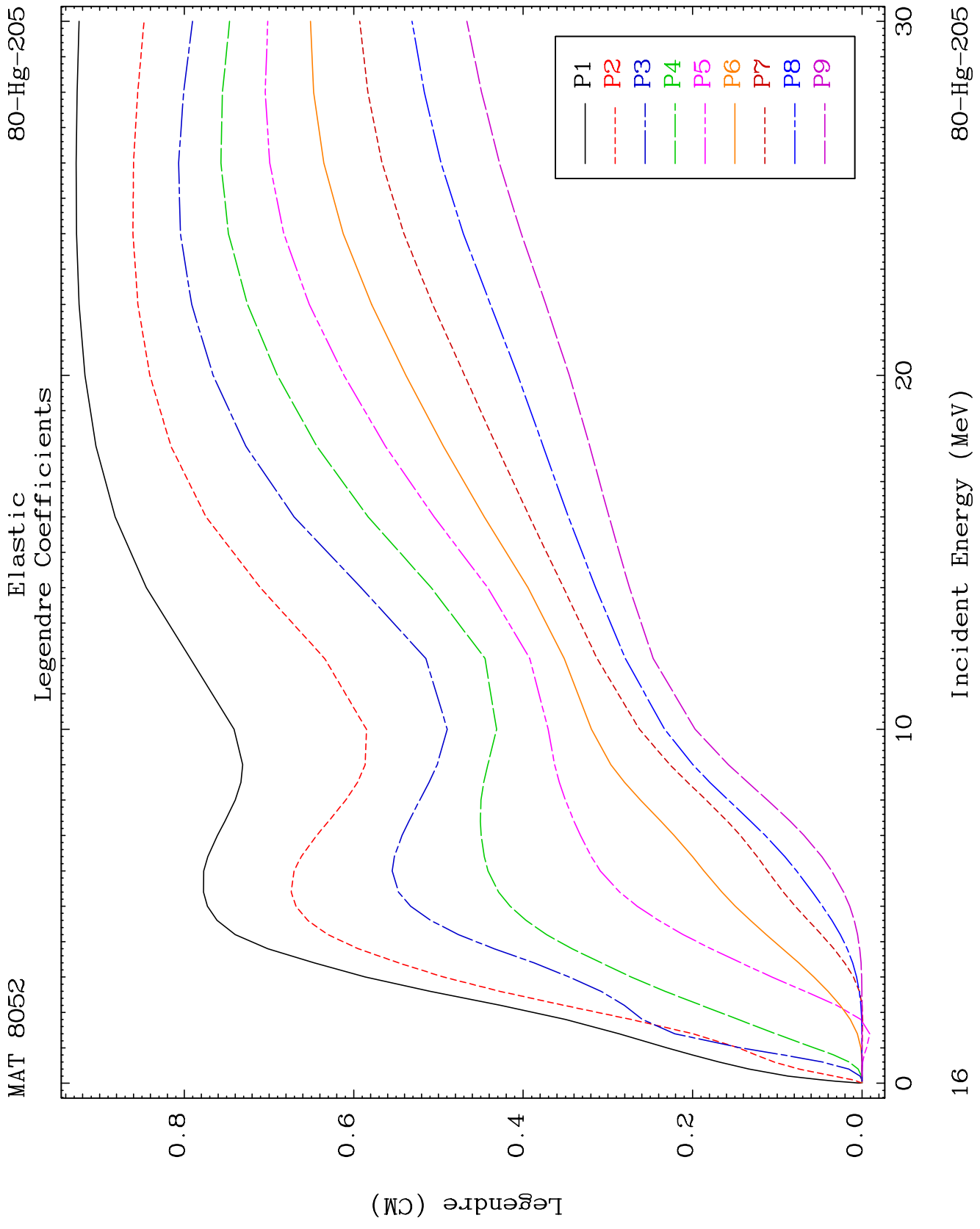
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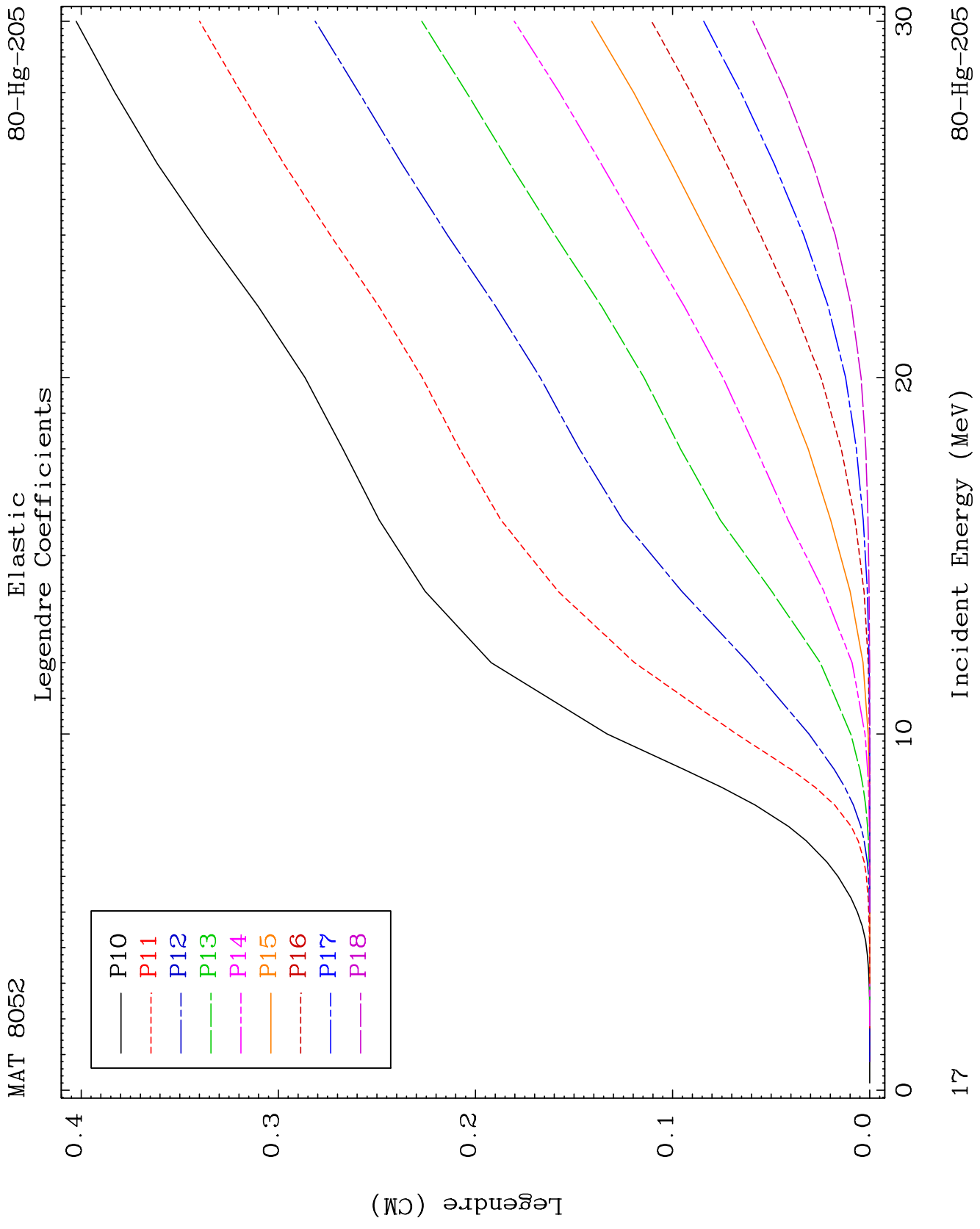


15

Incident Energy (MeV)

80-Hg-205

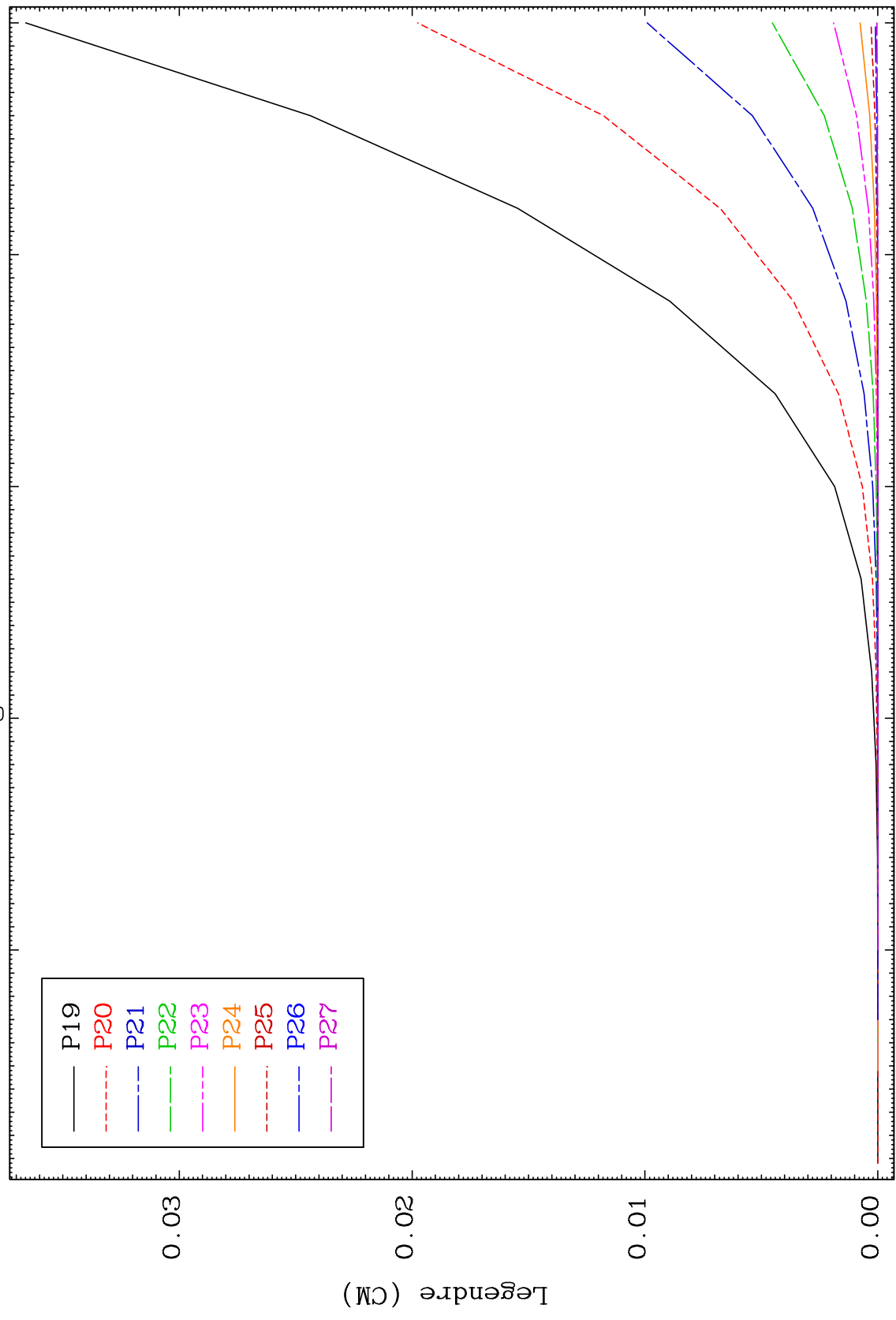




MAT 8052

Elastic Legendre Coefficients

80-Hg-205



18

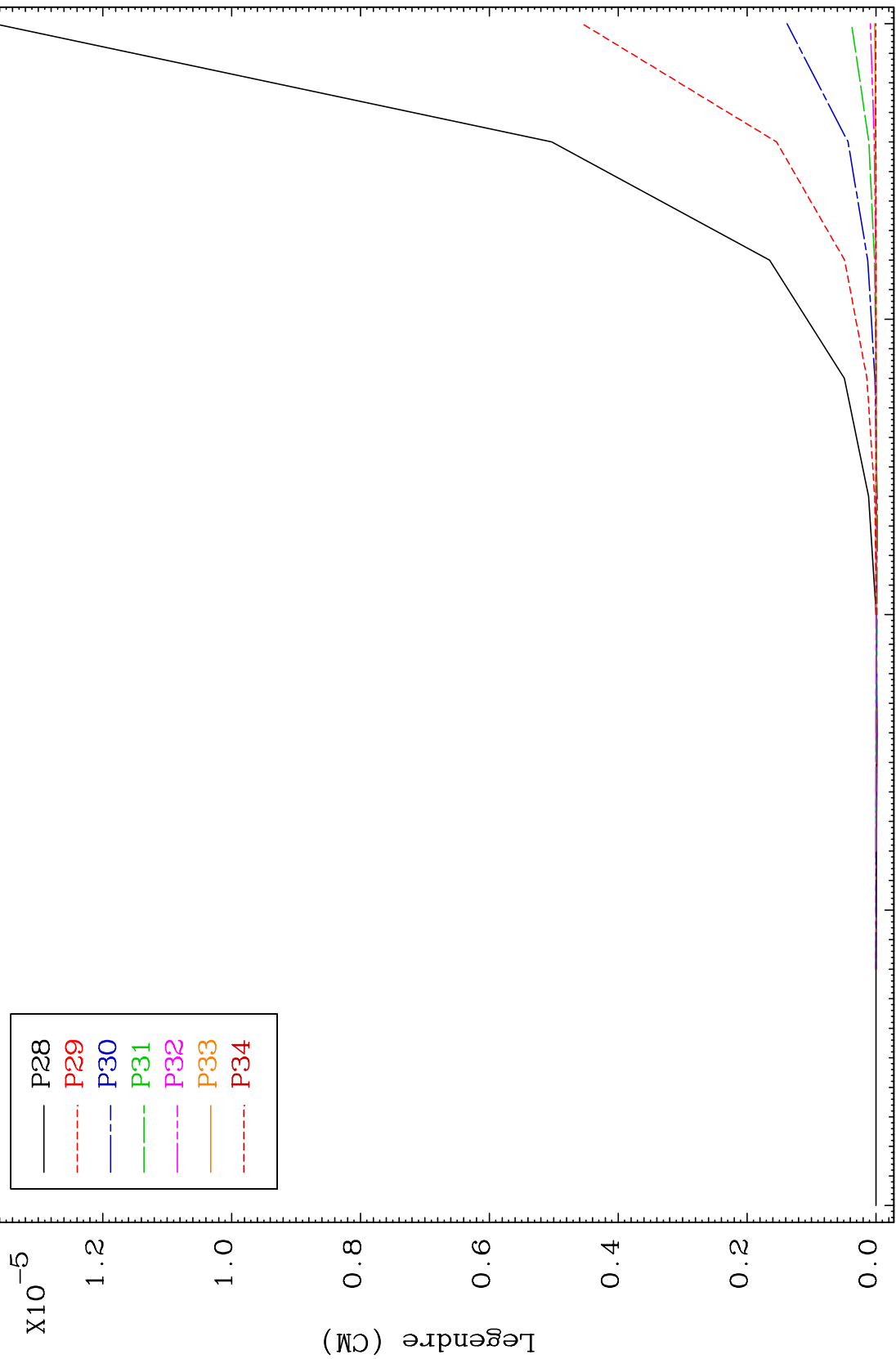
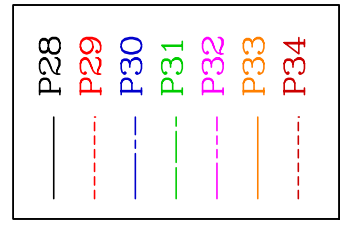
Incident Energy (MeV)

80-Hg-205

MAT 8052

Elastic Legendre Coefficients

80-Hg-205



80-Hg-205

Incident Energy (MeV)

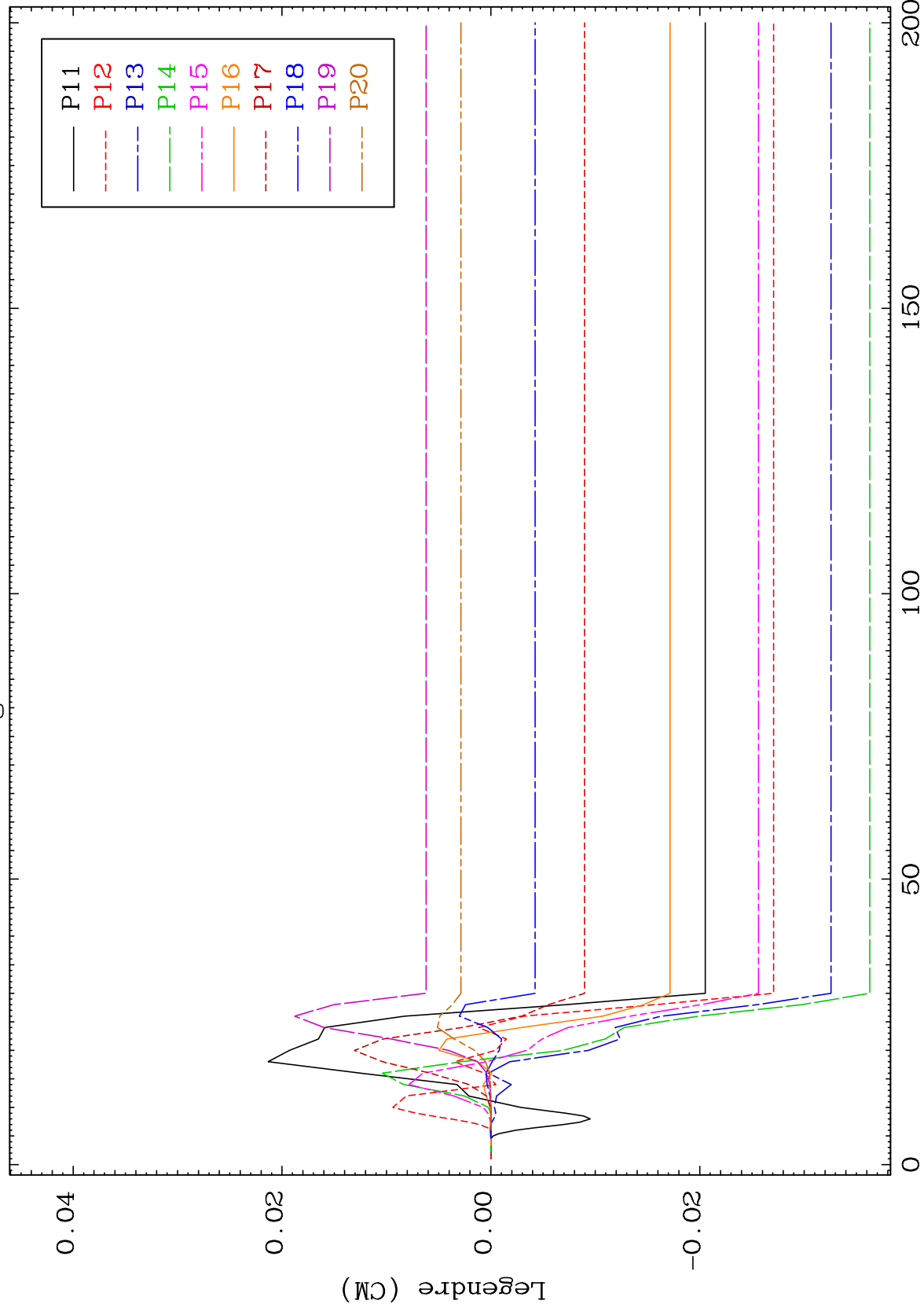
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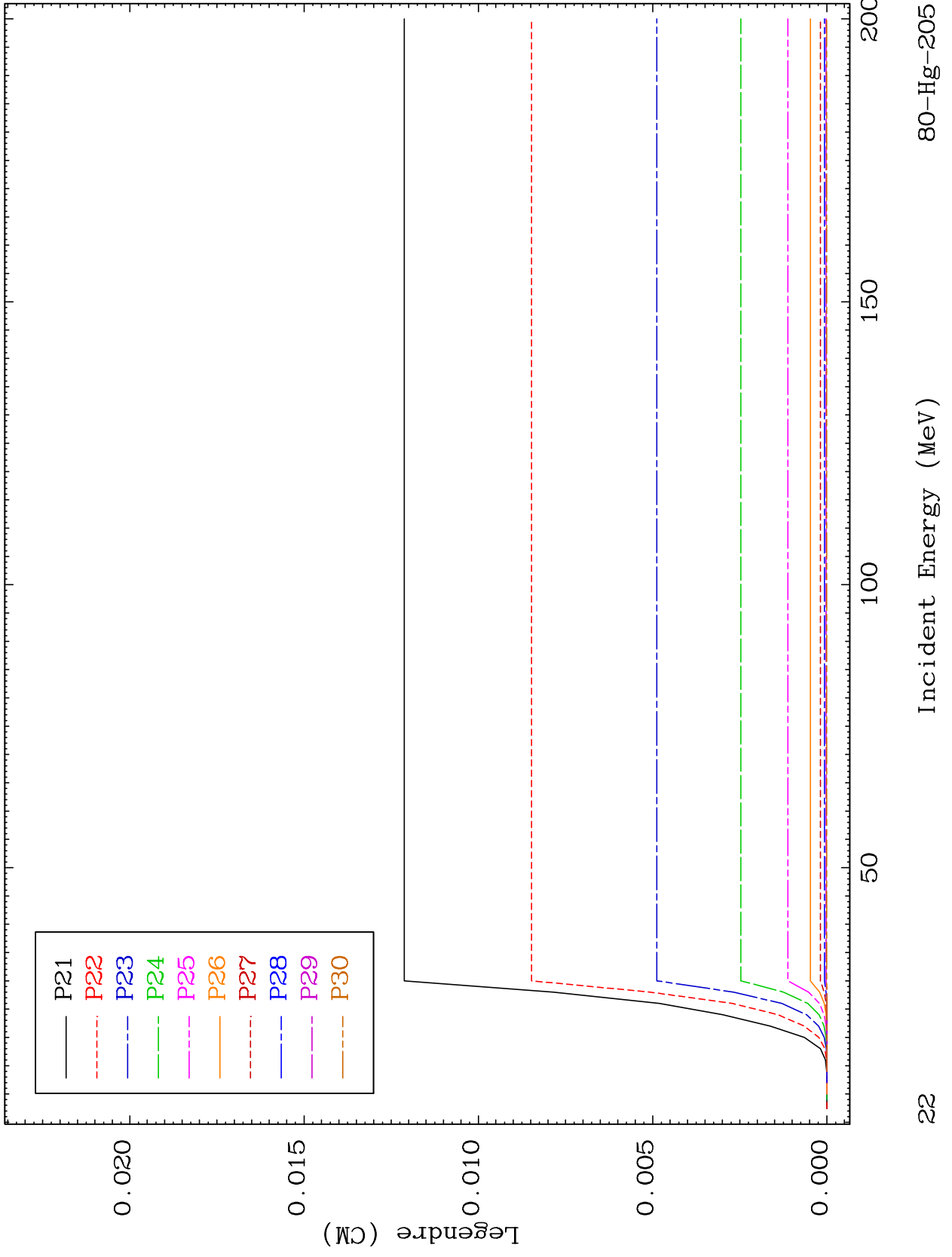


MAT 8052

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

80-Hg-205

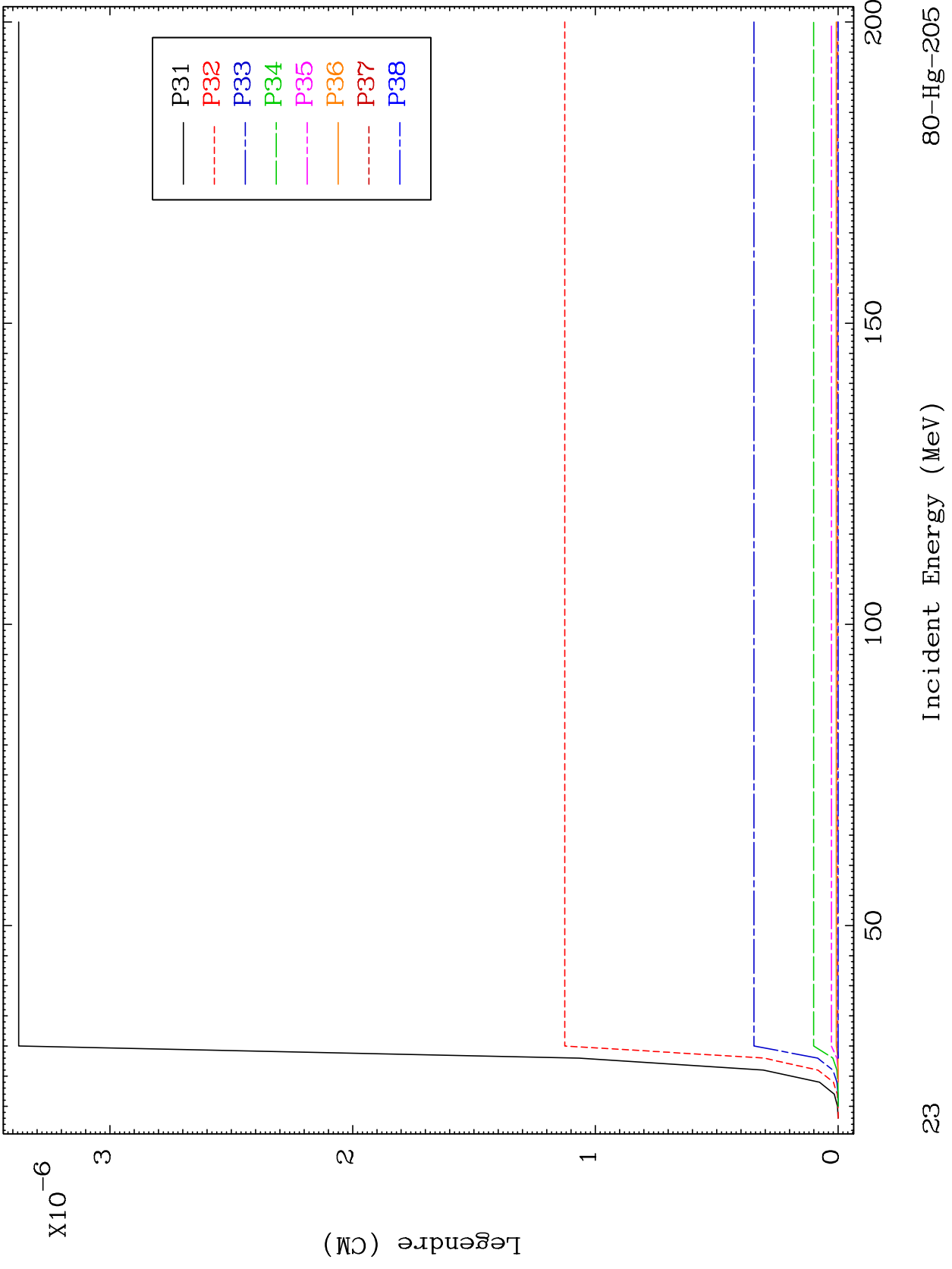




MAT 8052

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

80-Hg-205



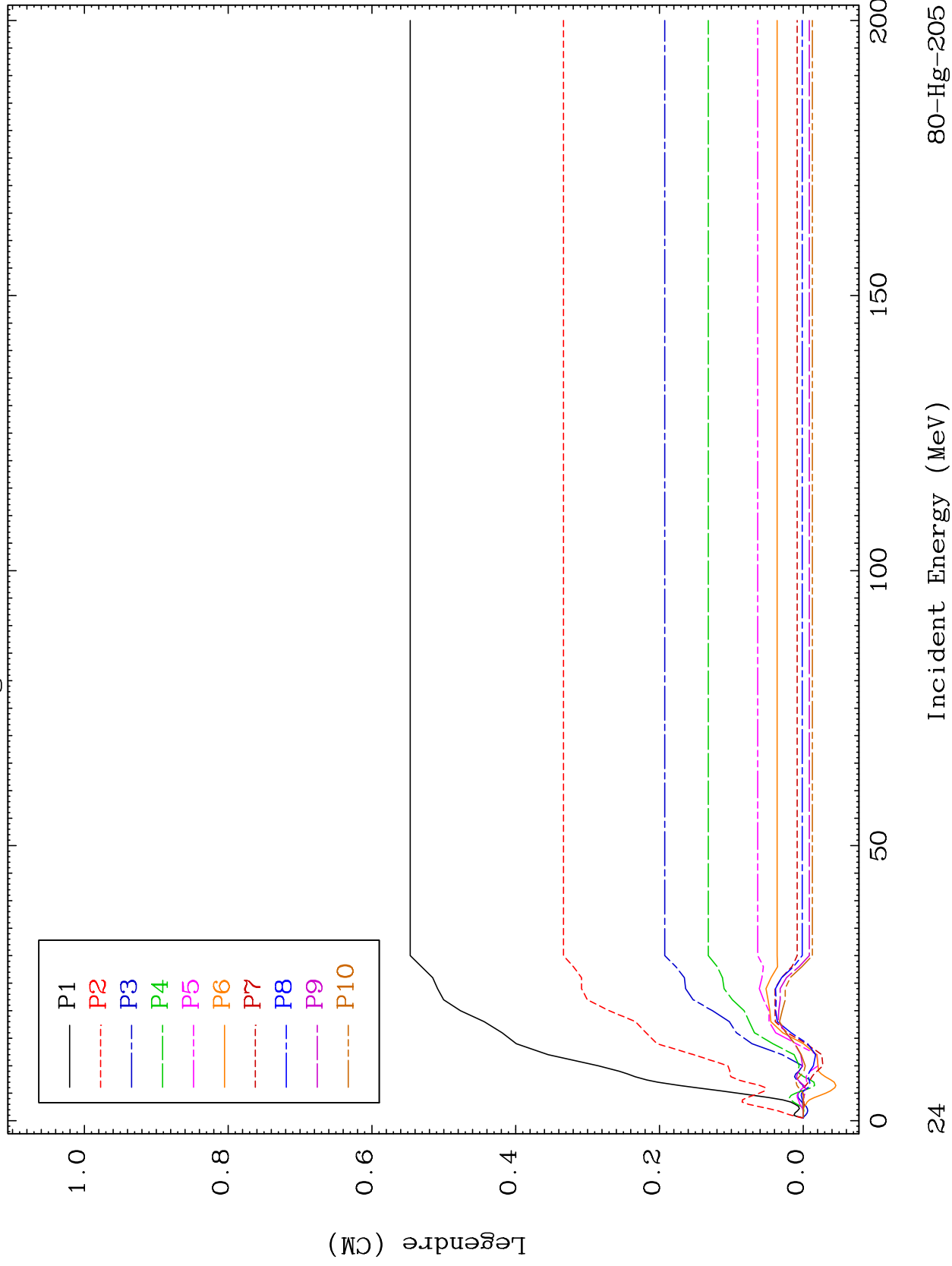
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80-Hg-205

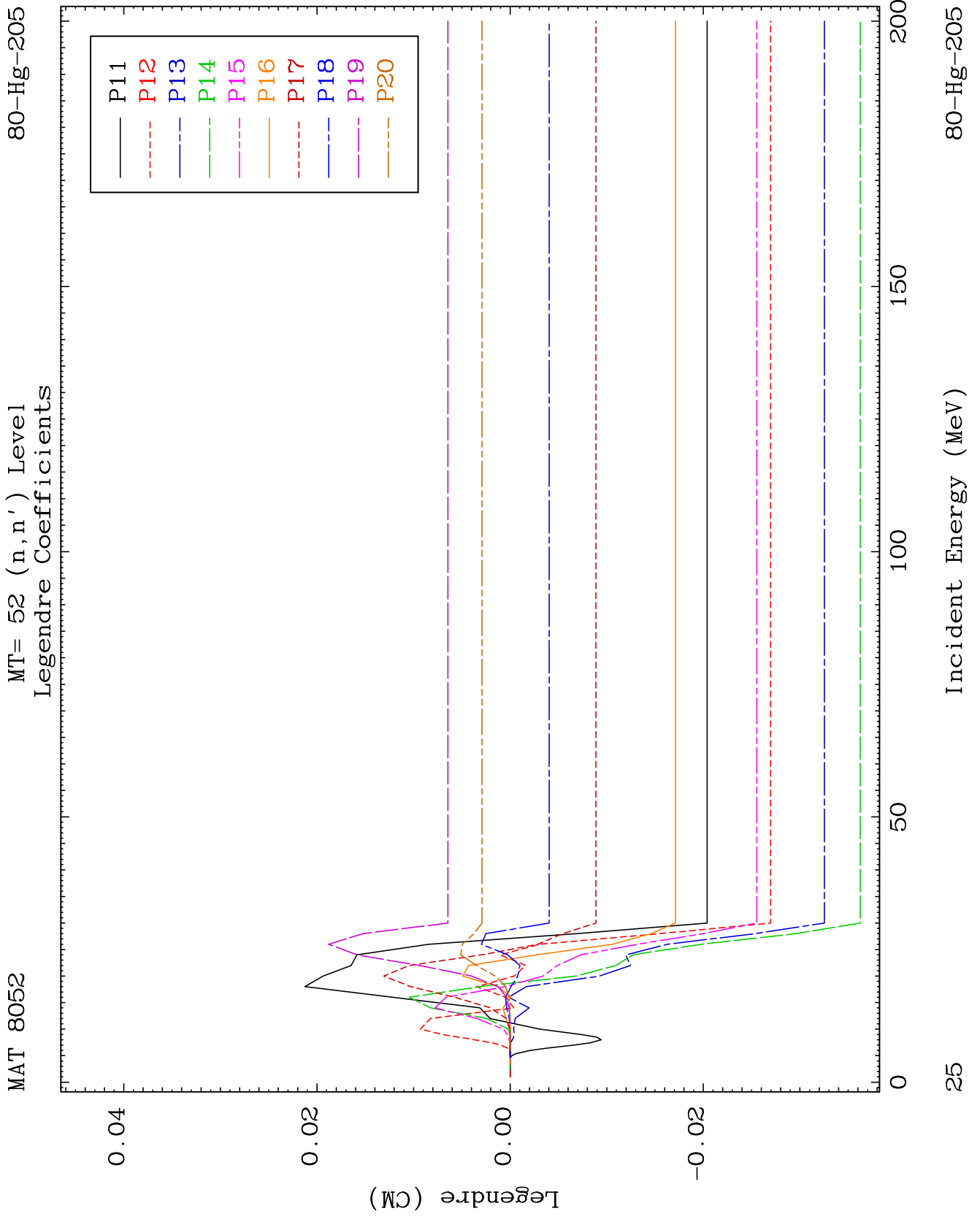
MAT 8052

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

80-Hg-205



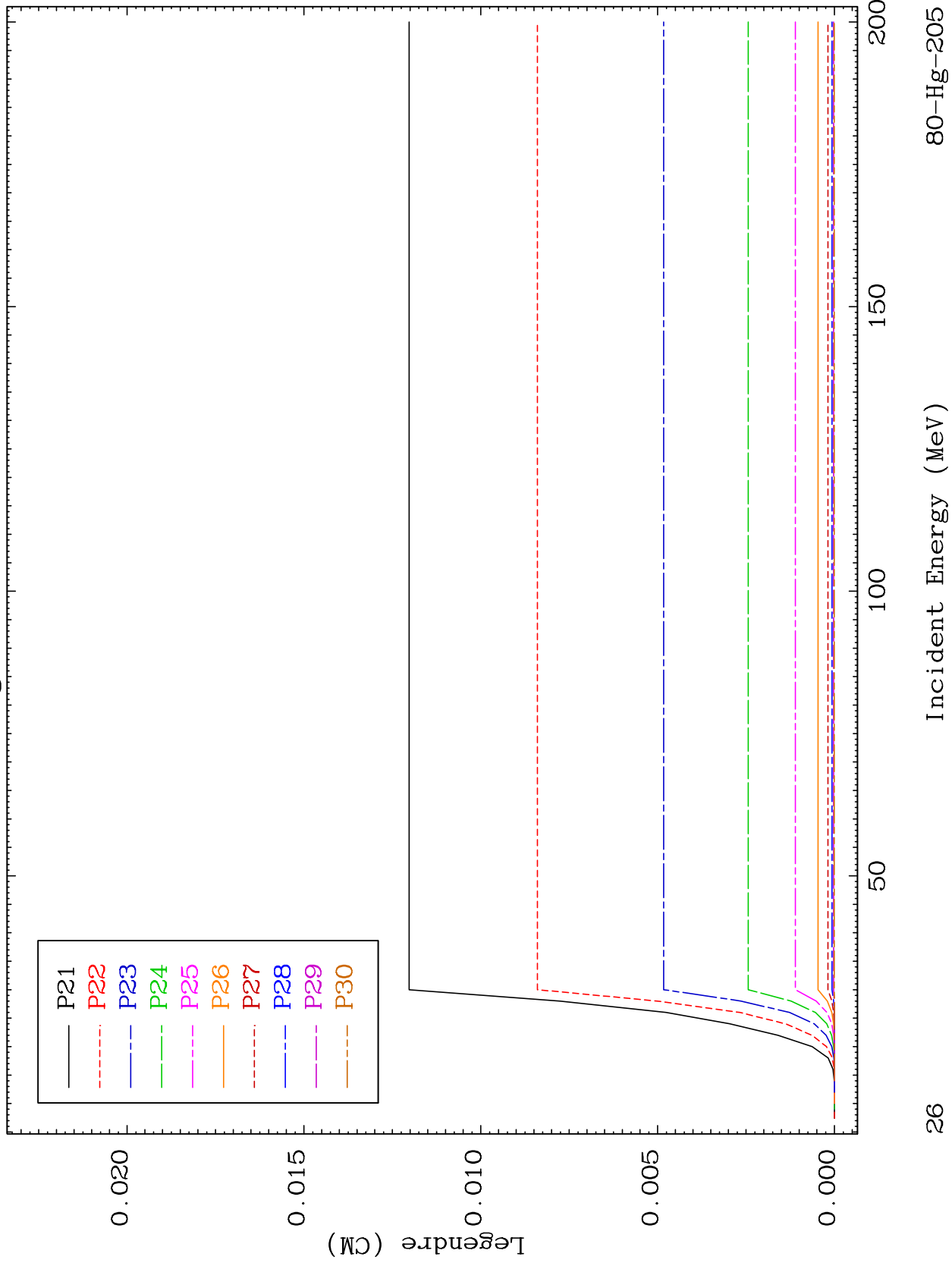
24



MAT 8052

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

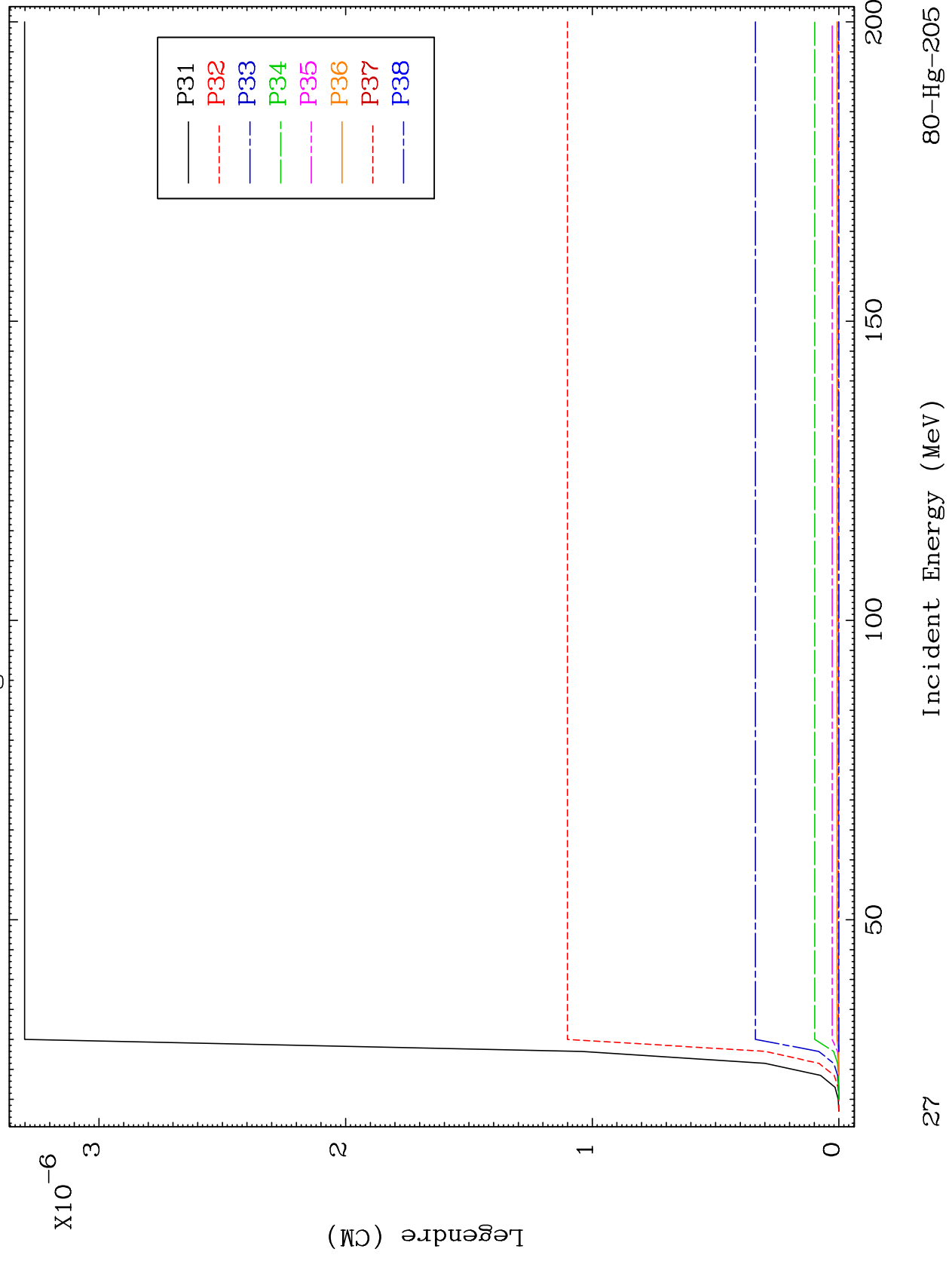
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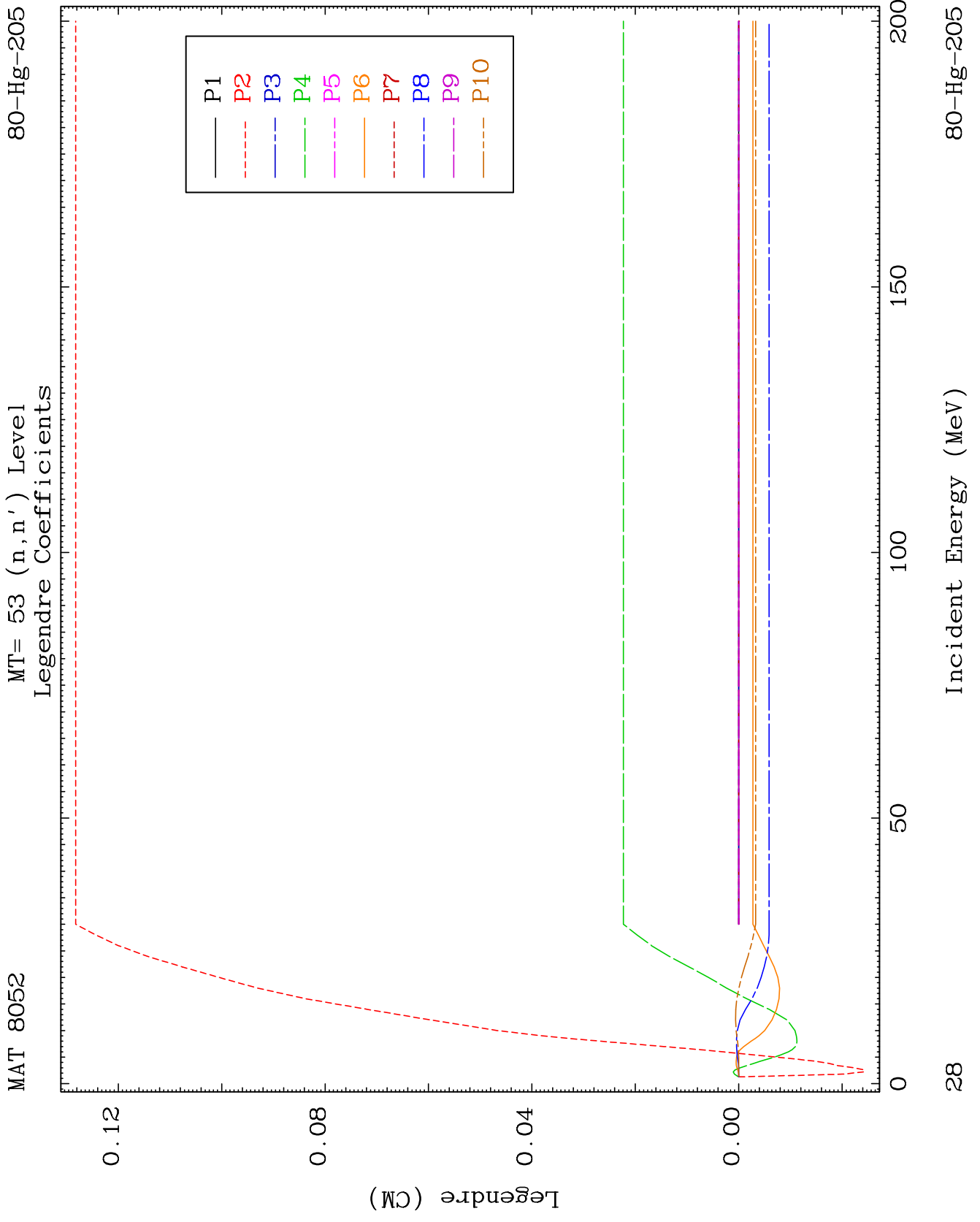


MAT 8052

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

80-Hg-205

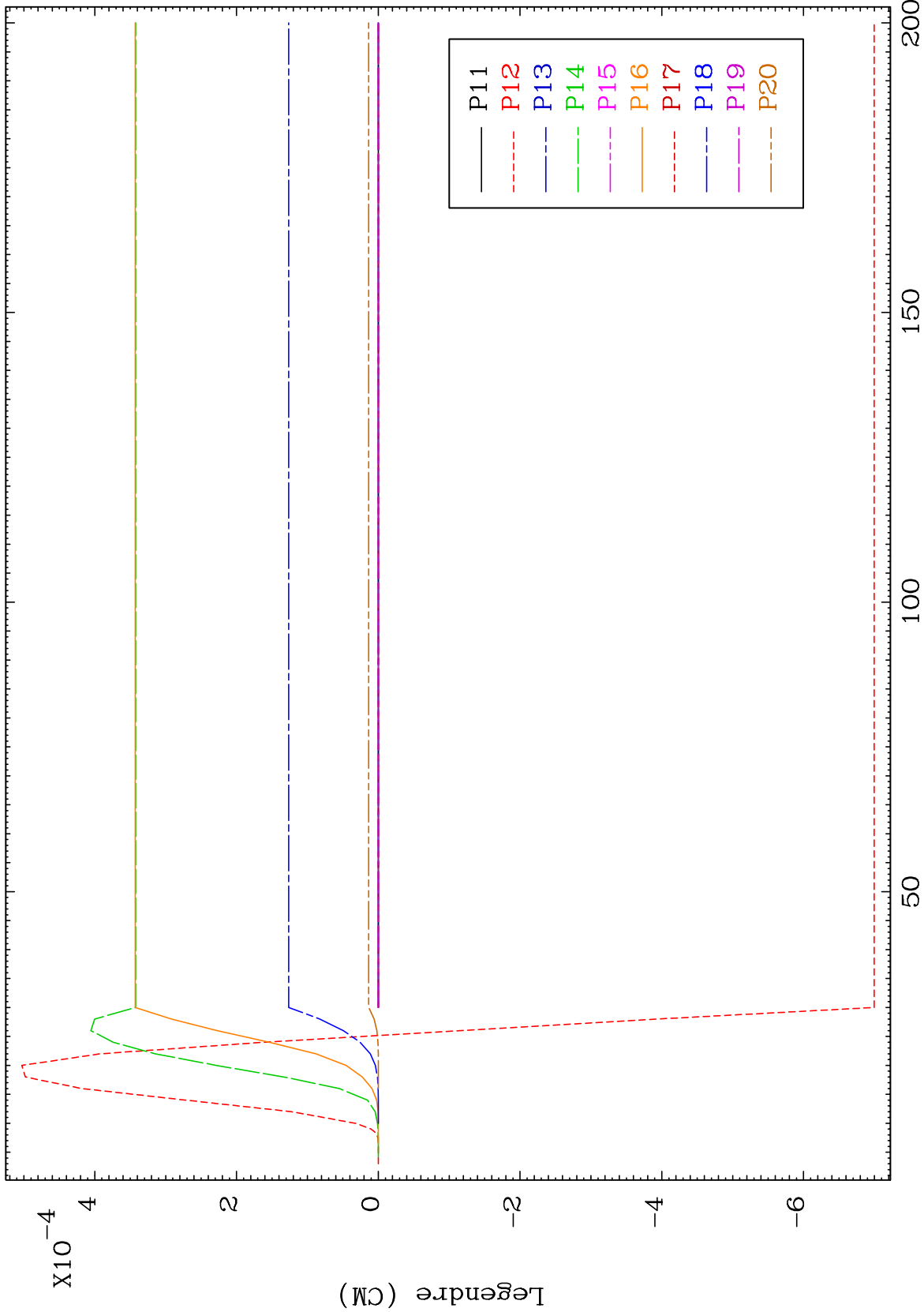




MAT 8052

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

80-Hg-205

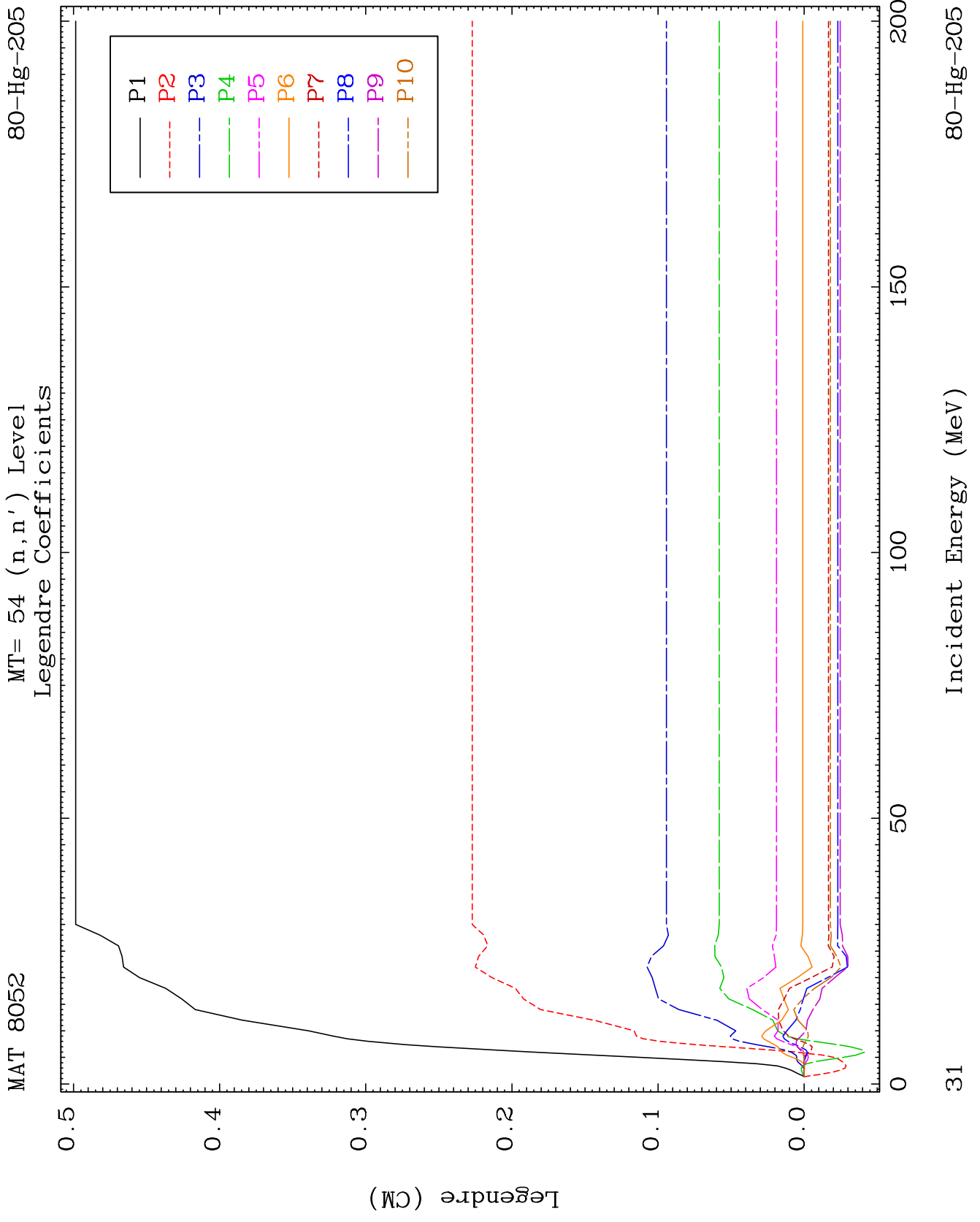


29

Incident Energy (MeV)

80-Hg-205

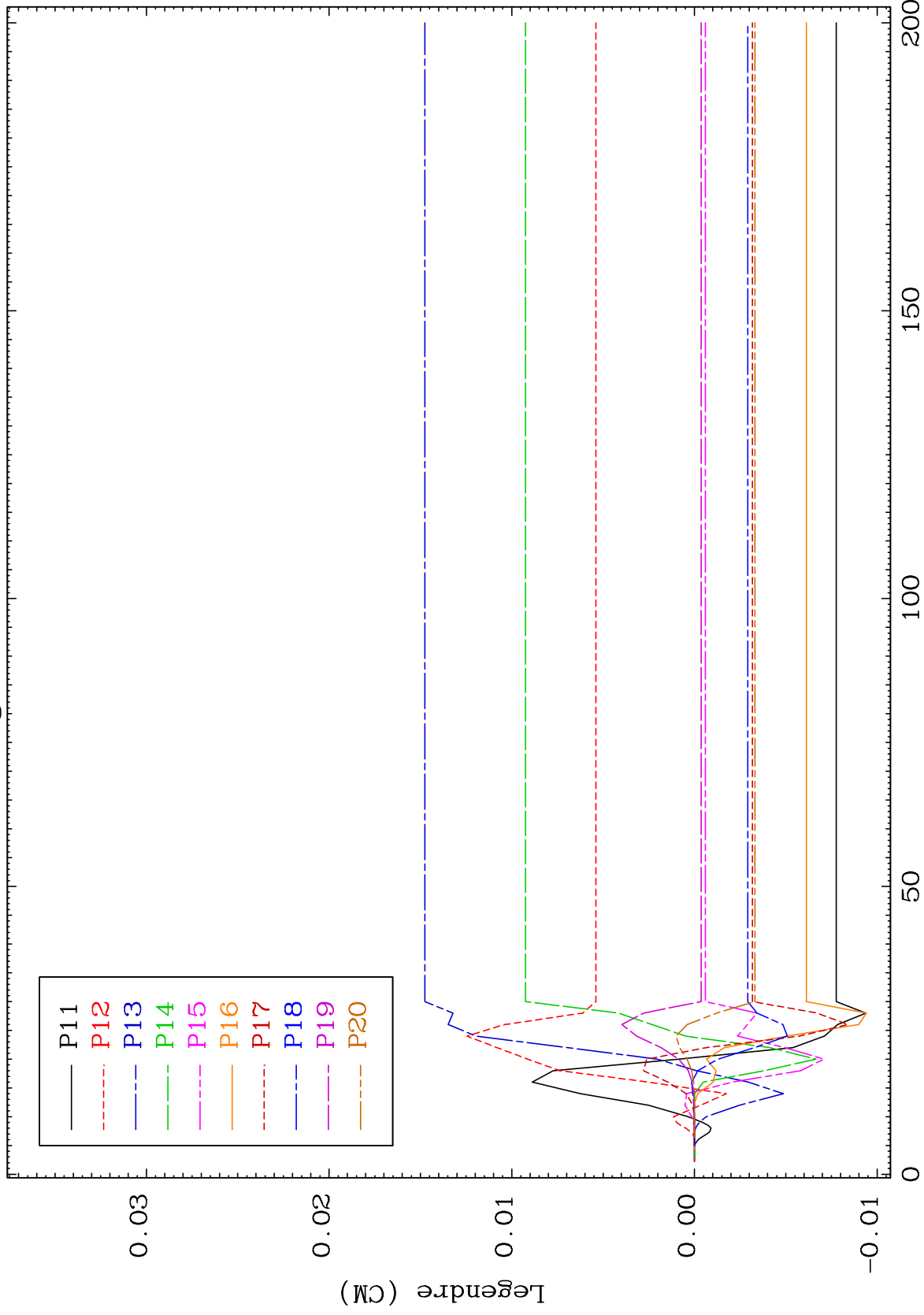




MAT 8052

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

80-Hg-205



32

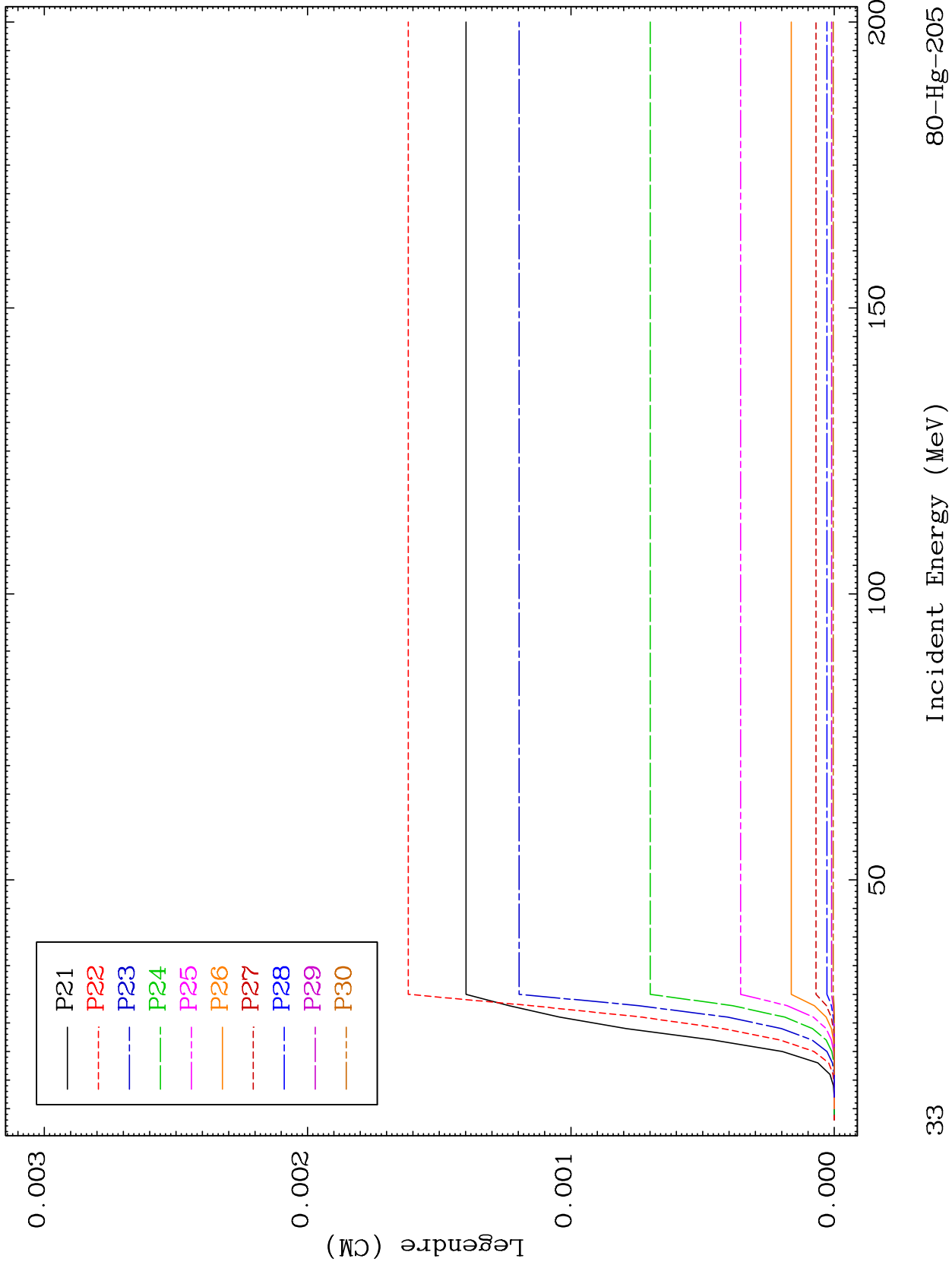
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

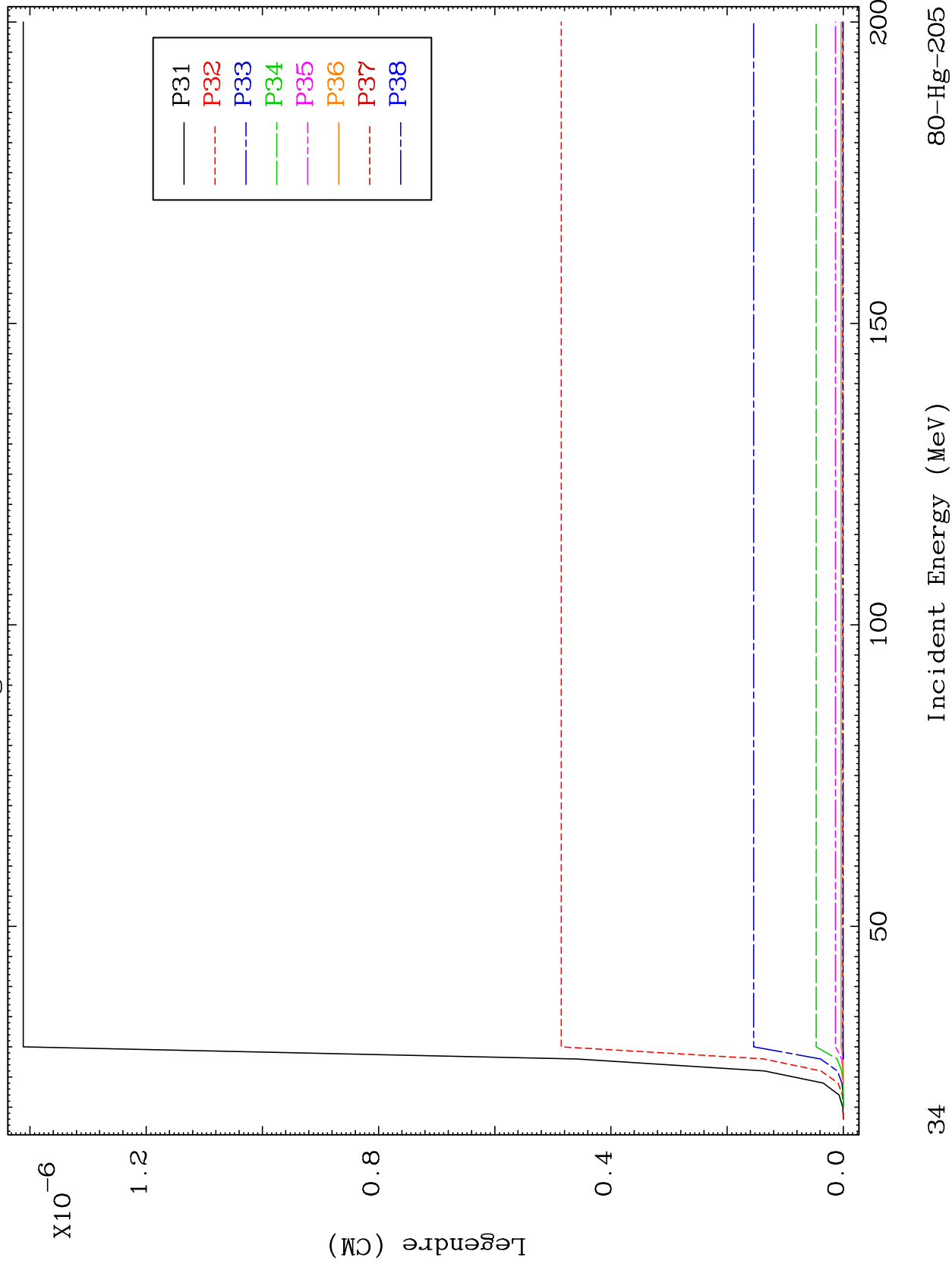
80-Hg-205



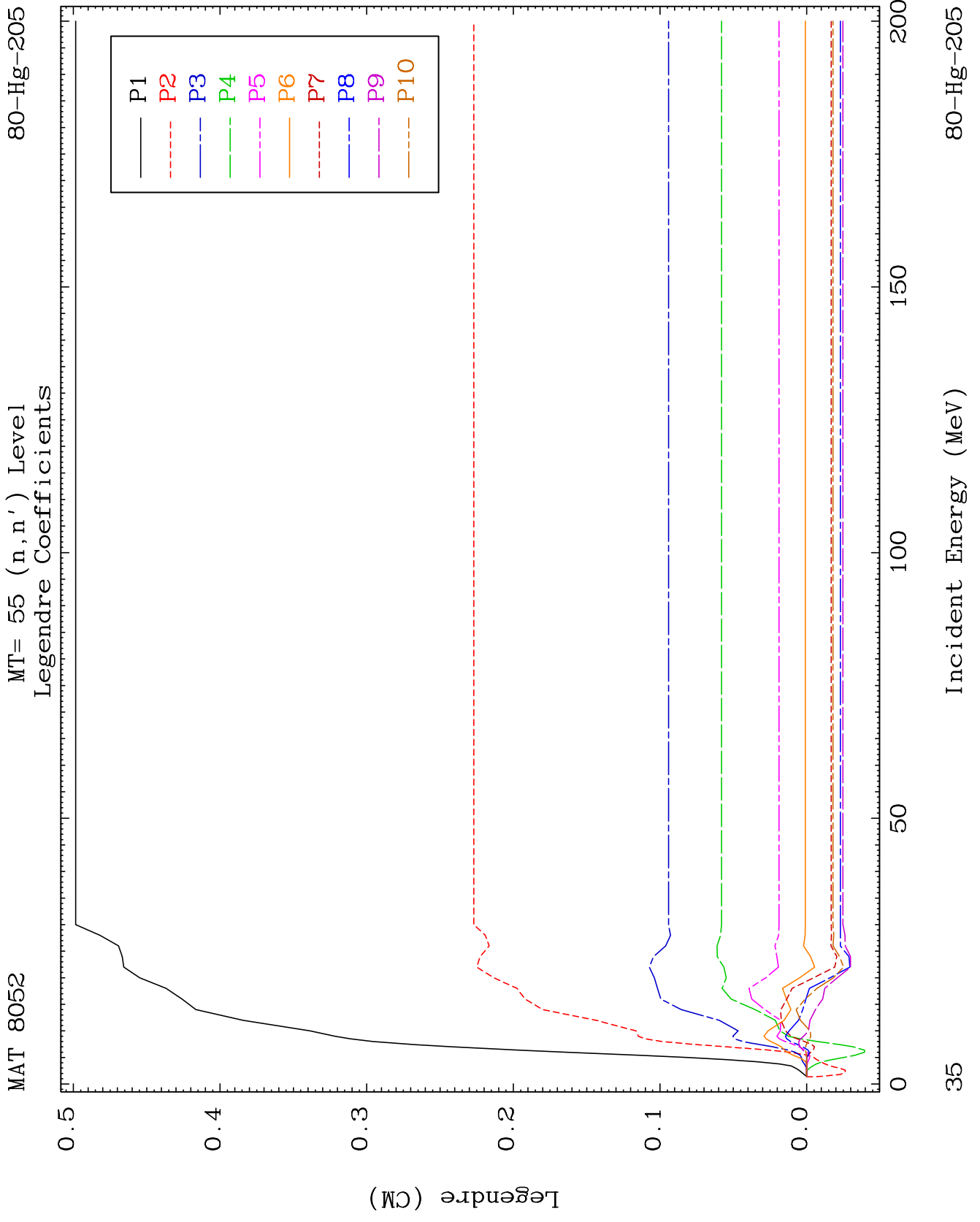
MAT 8052

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

80-Hg-205



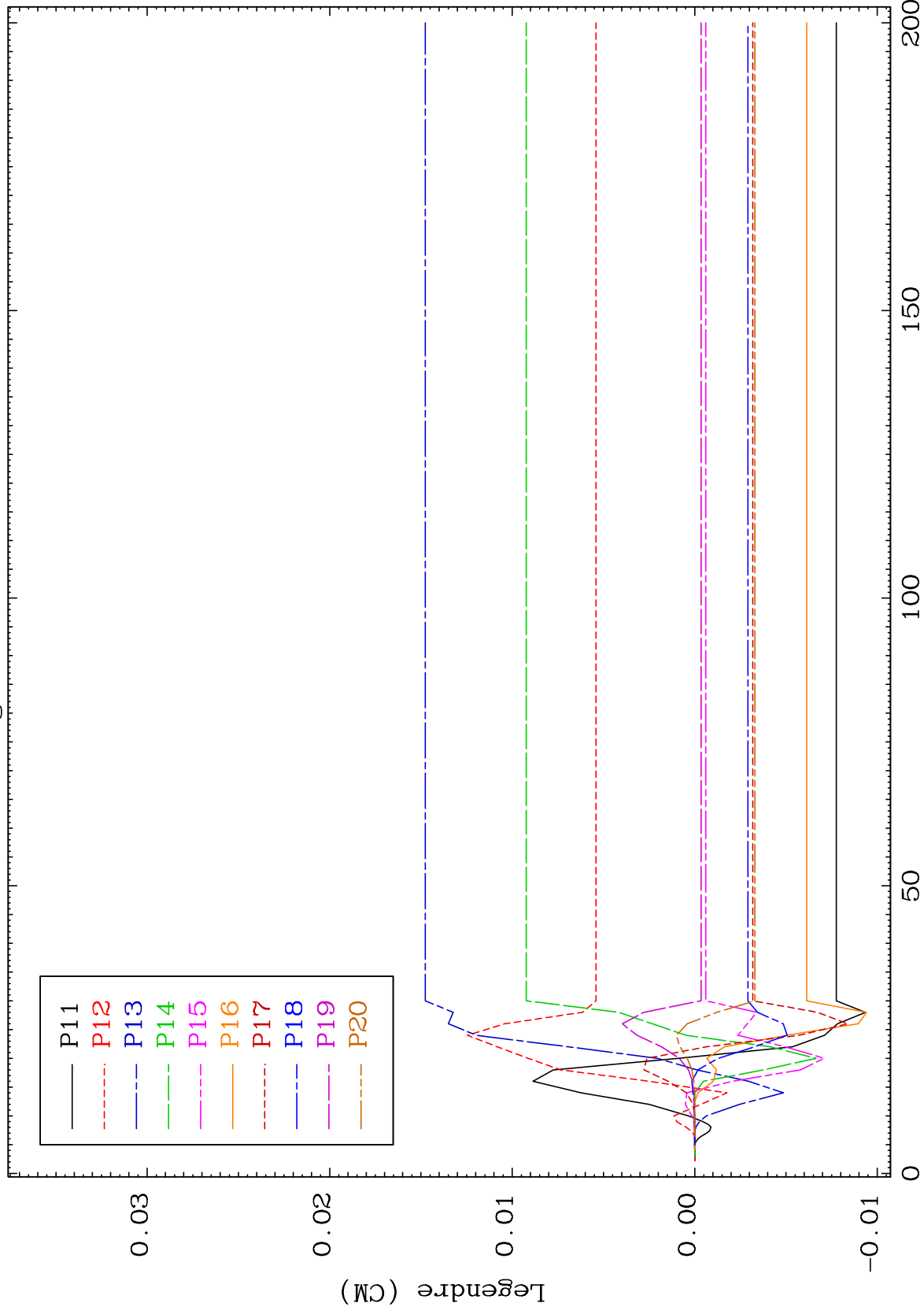
34



MAT 8052

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

80-Hg-205



36

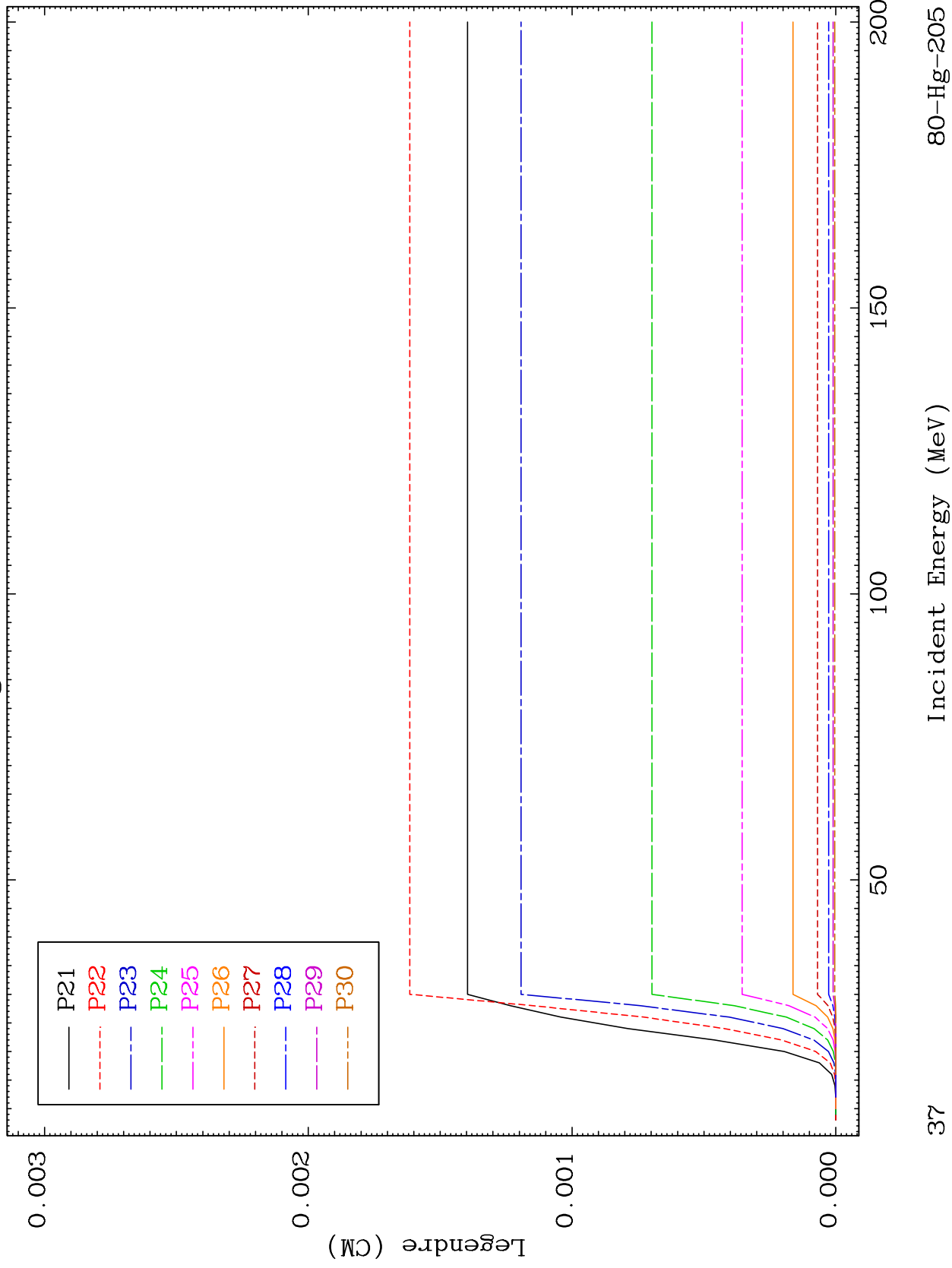
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

80-Hg-205



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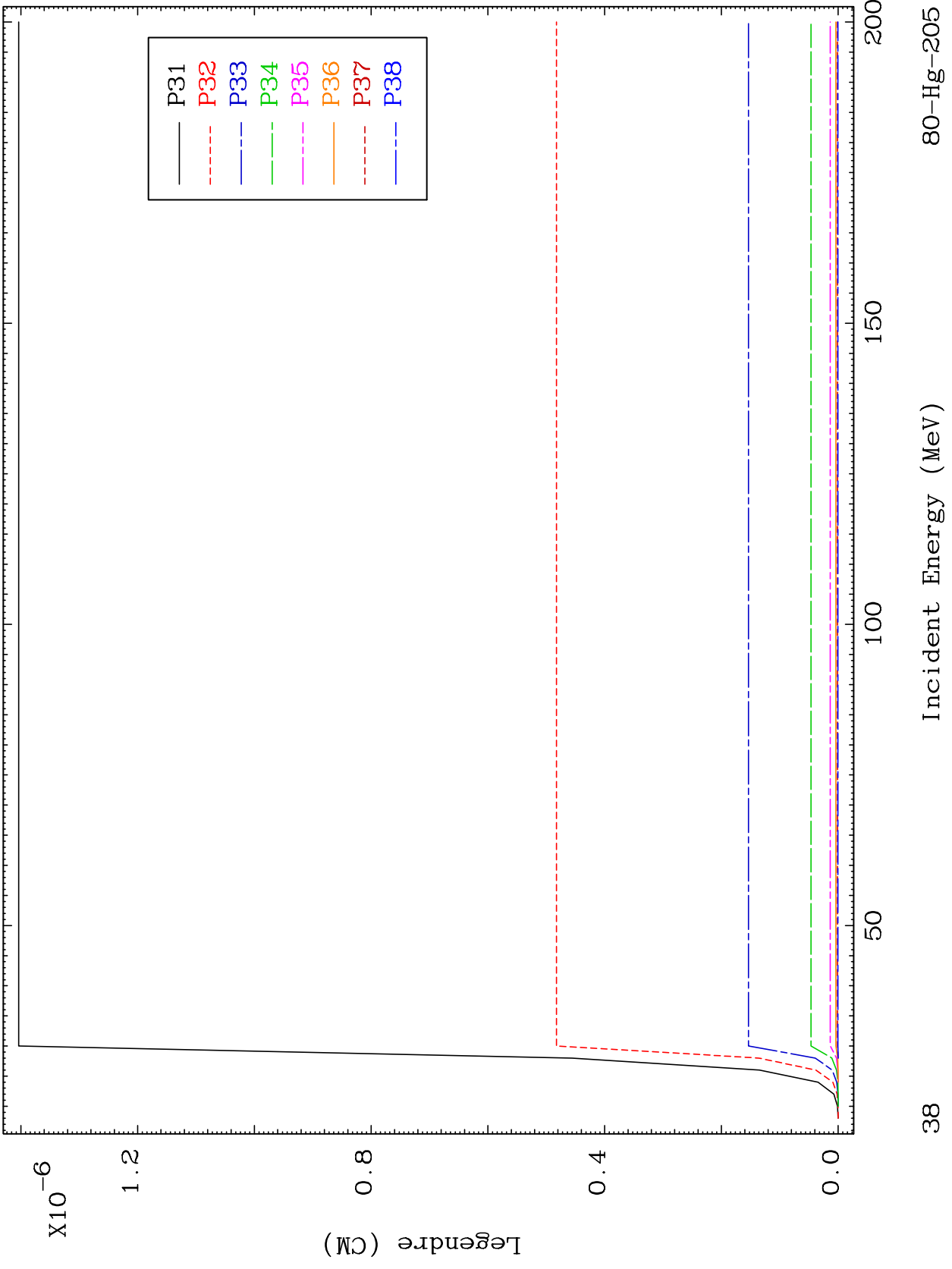
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

80-Hg-205

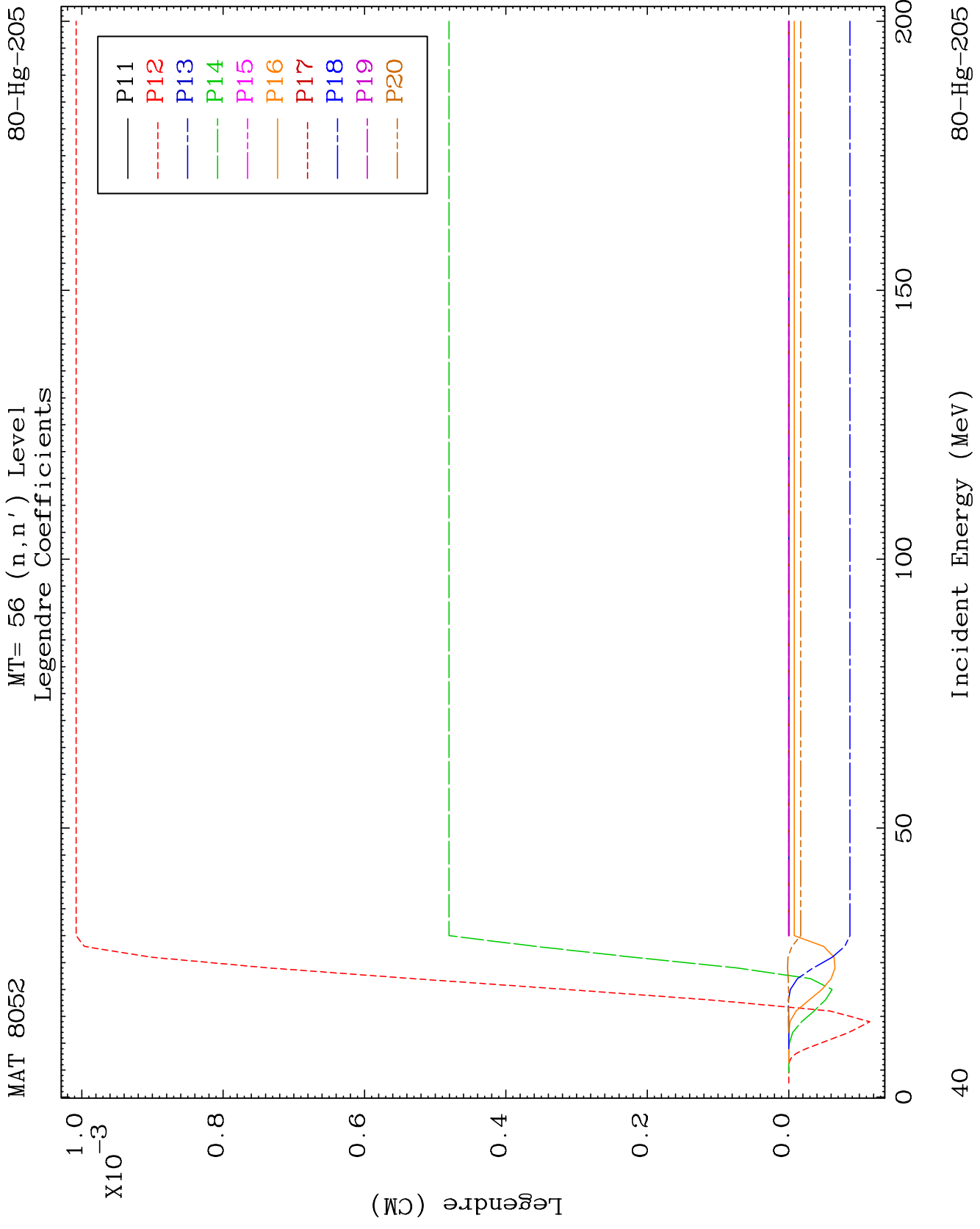


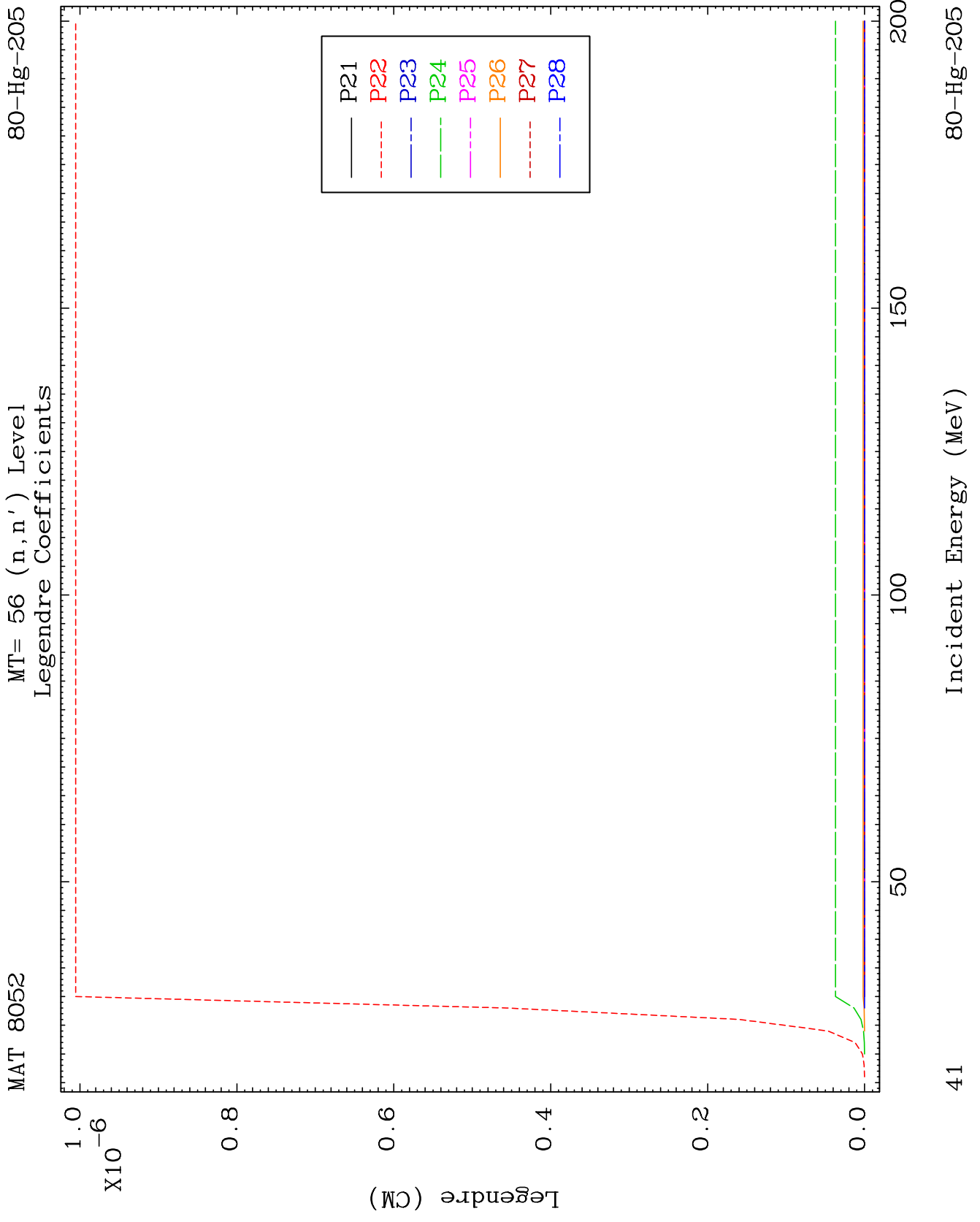
38

Incident Energy (MeV)

80-Hg-205



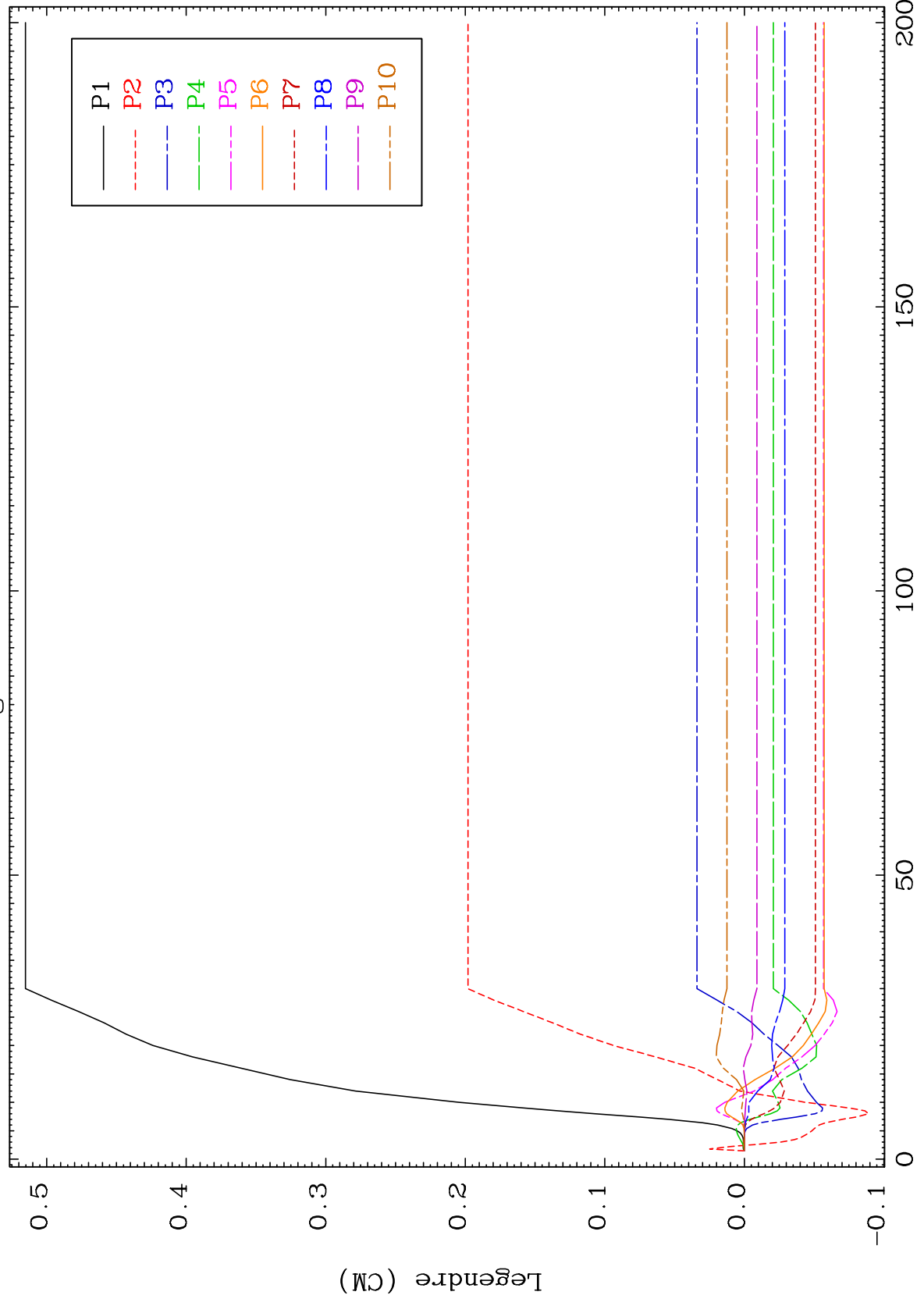




MAT 8052

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

80-Hg-205



80-Hg-205

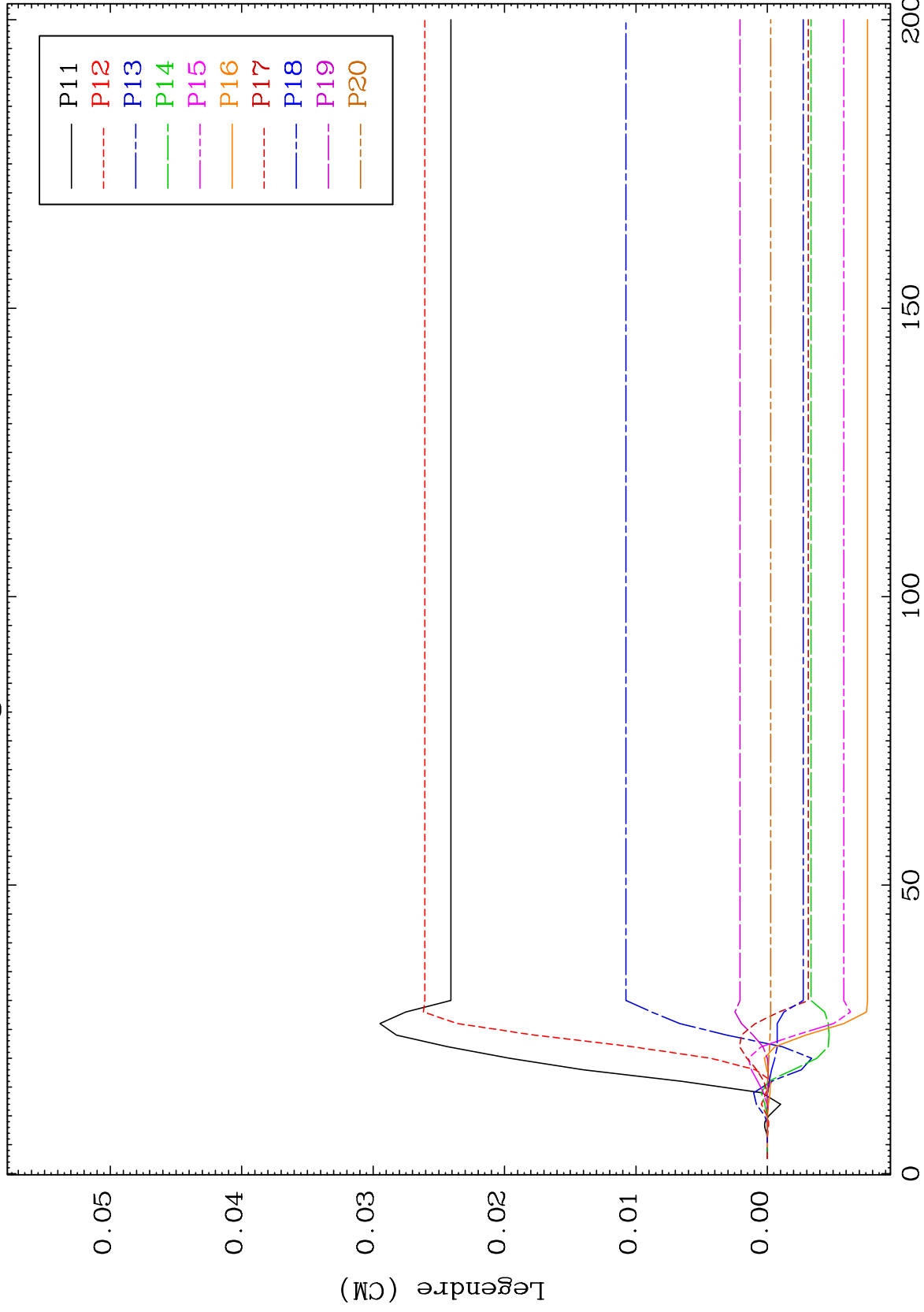
Incident Energy (MeV)

42

MAT 8052

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

80-Hg-205



43

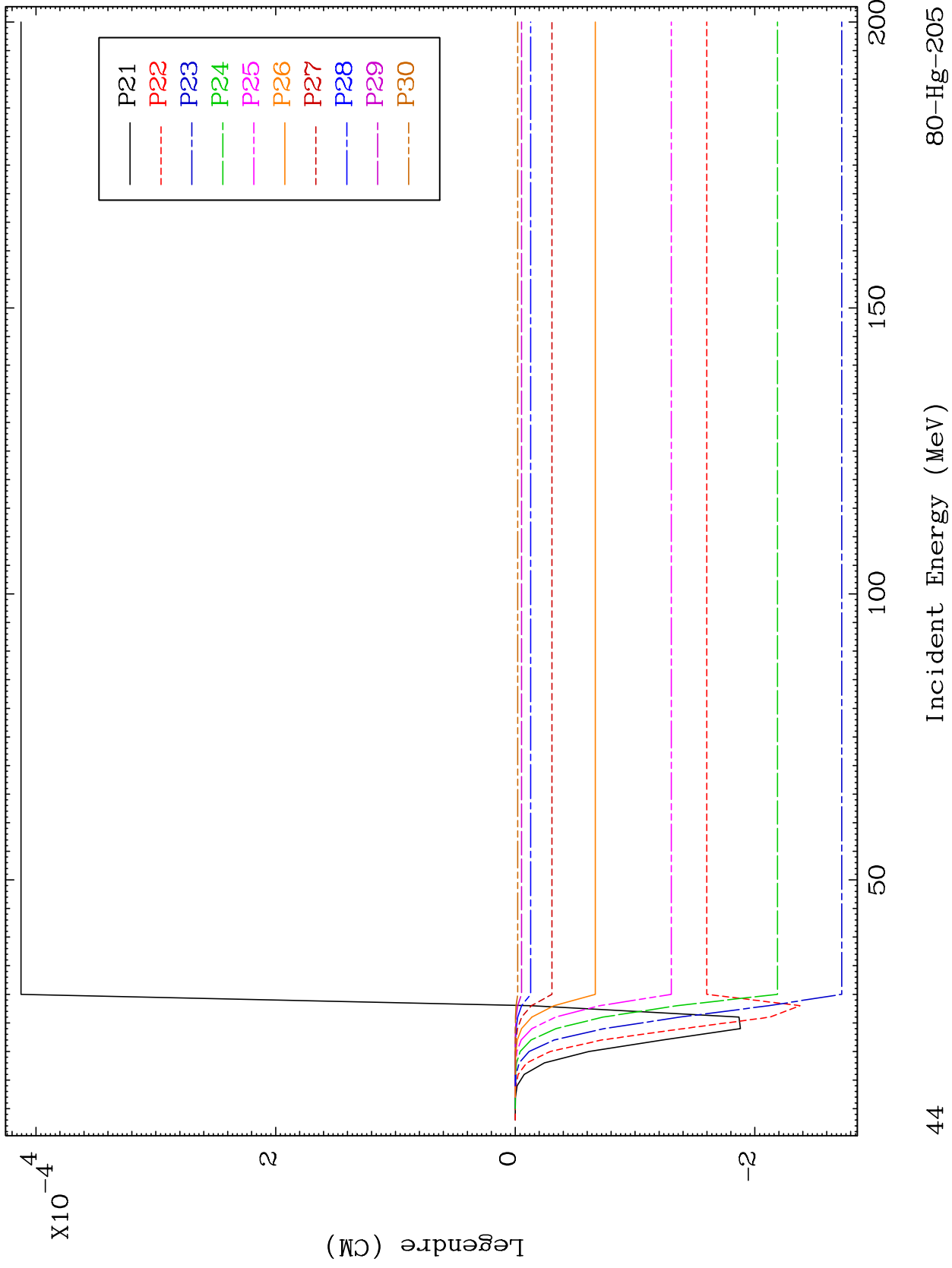
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

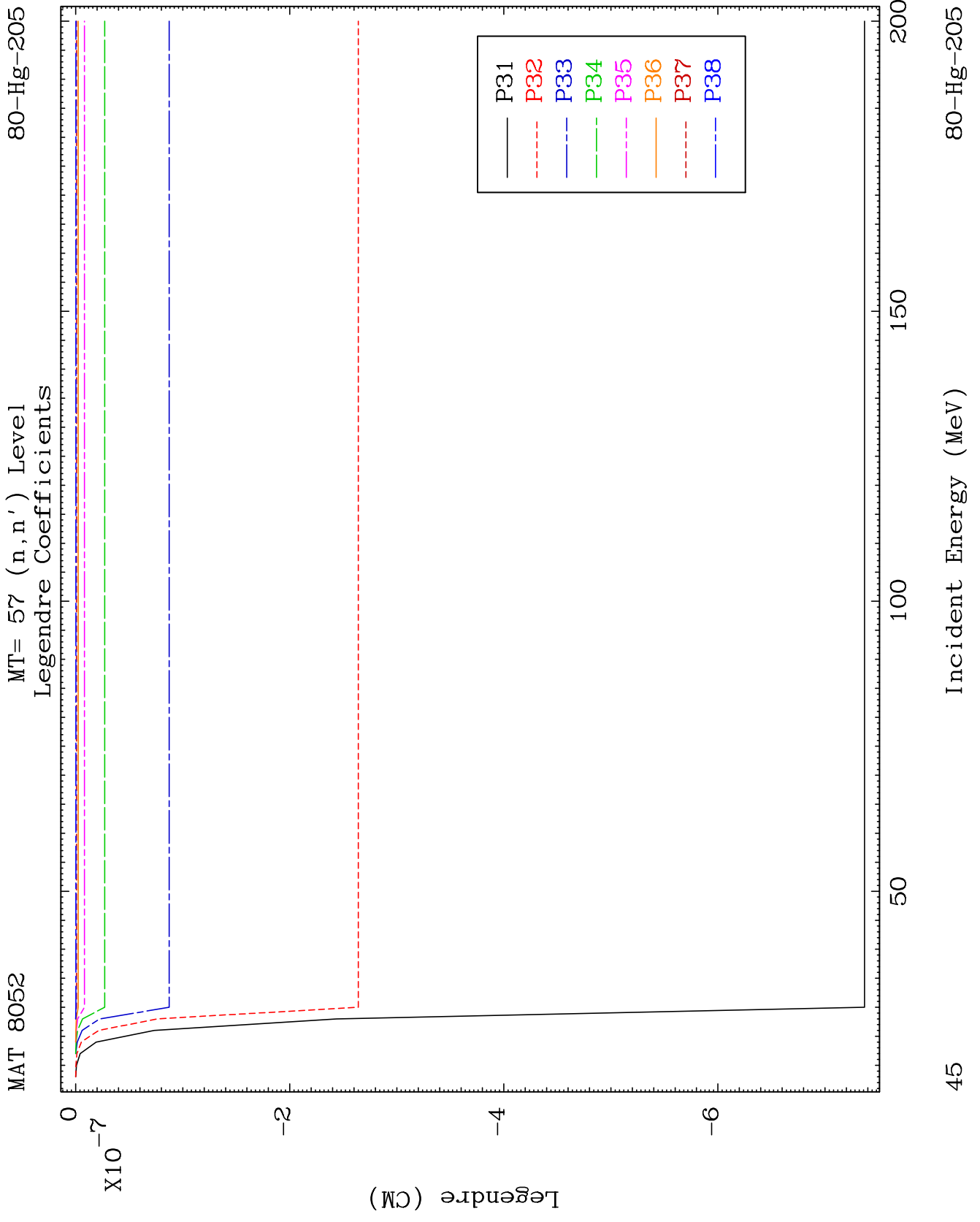
80-Hg-205



44

Incident Energy (MeV)

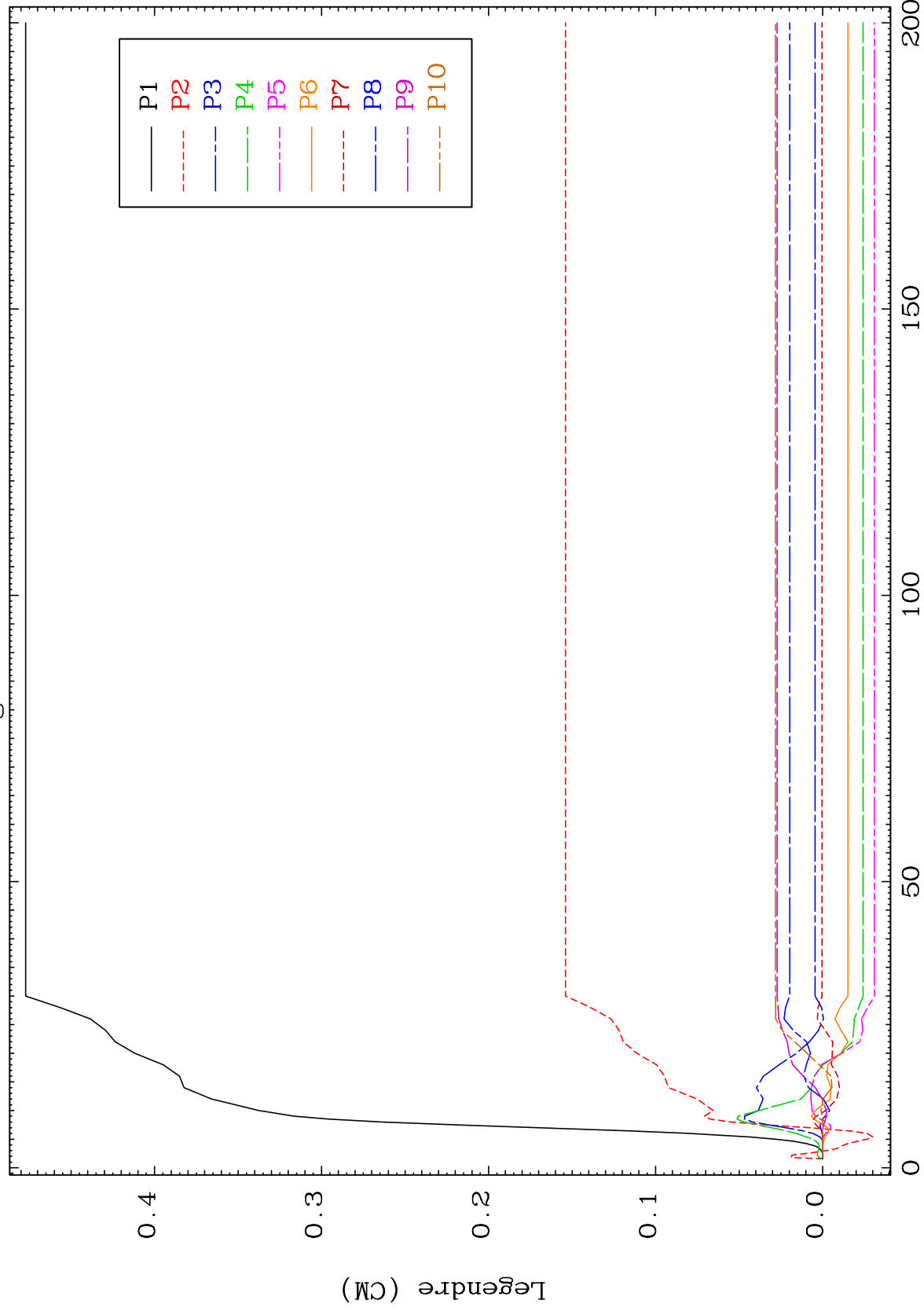
80-Hg-205



MAT 8052

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

80-Hg-205



46

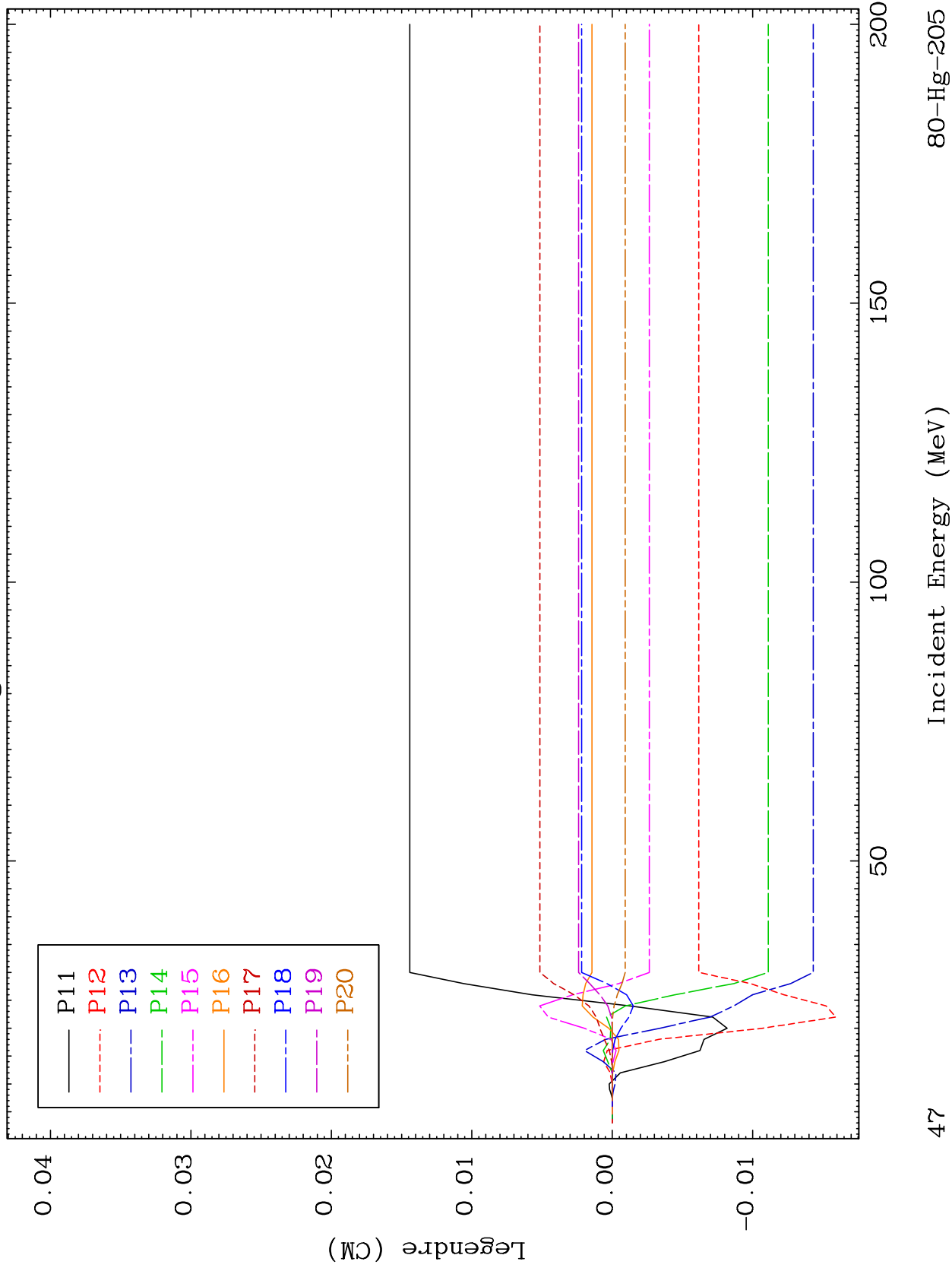
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

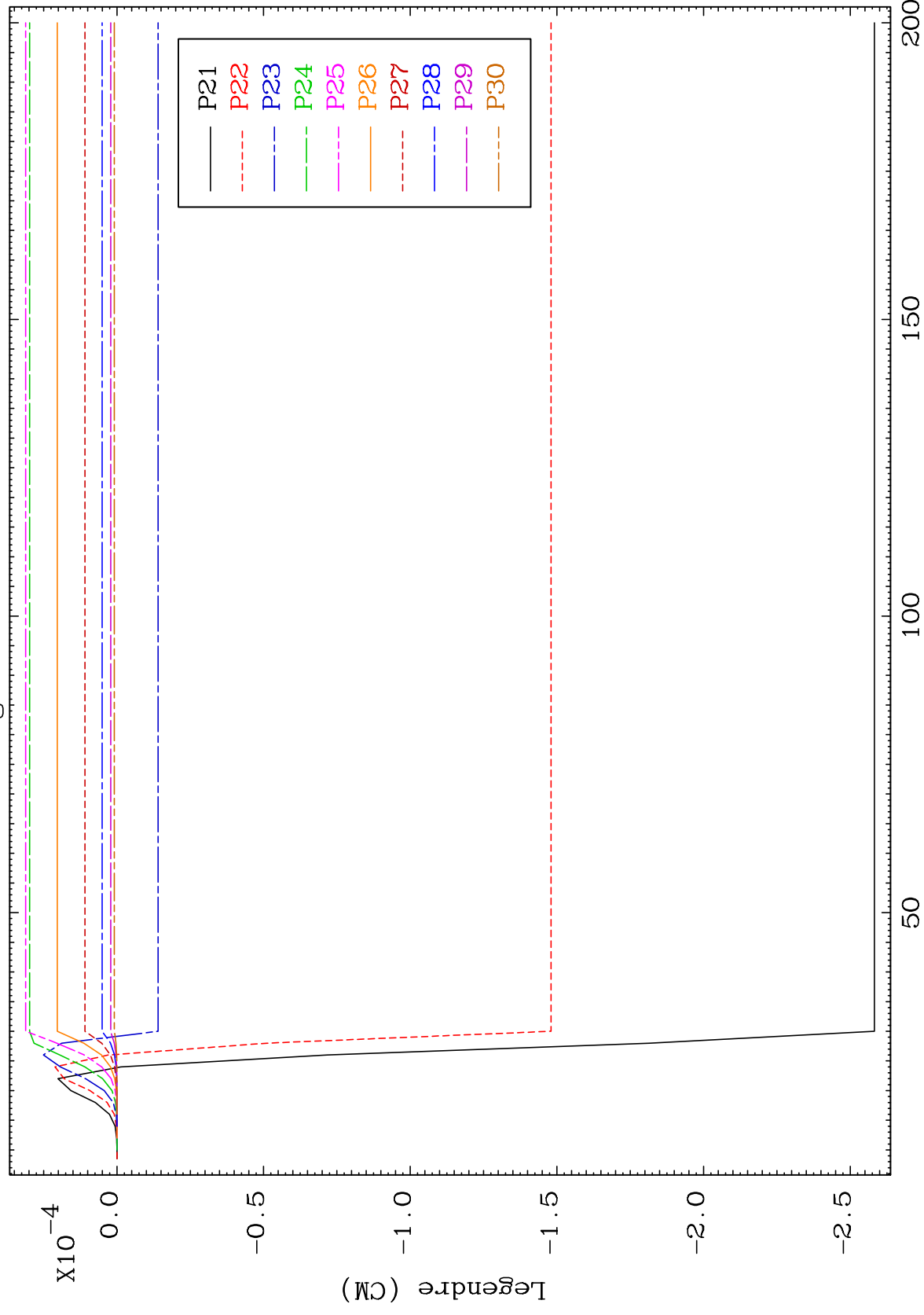
80-Hg-205



MAT 8052

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

80-Hg-205



48

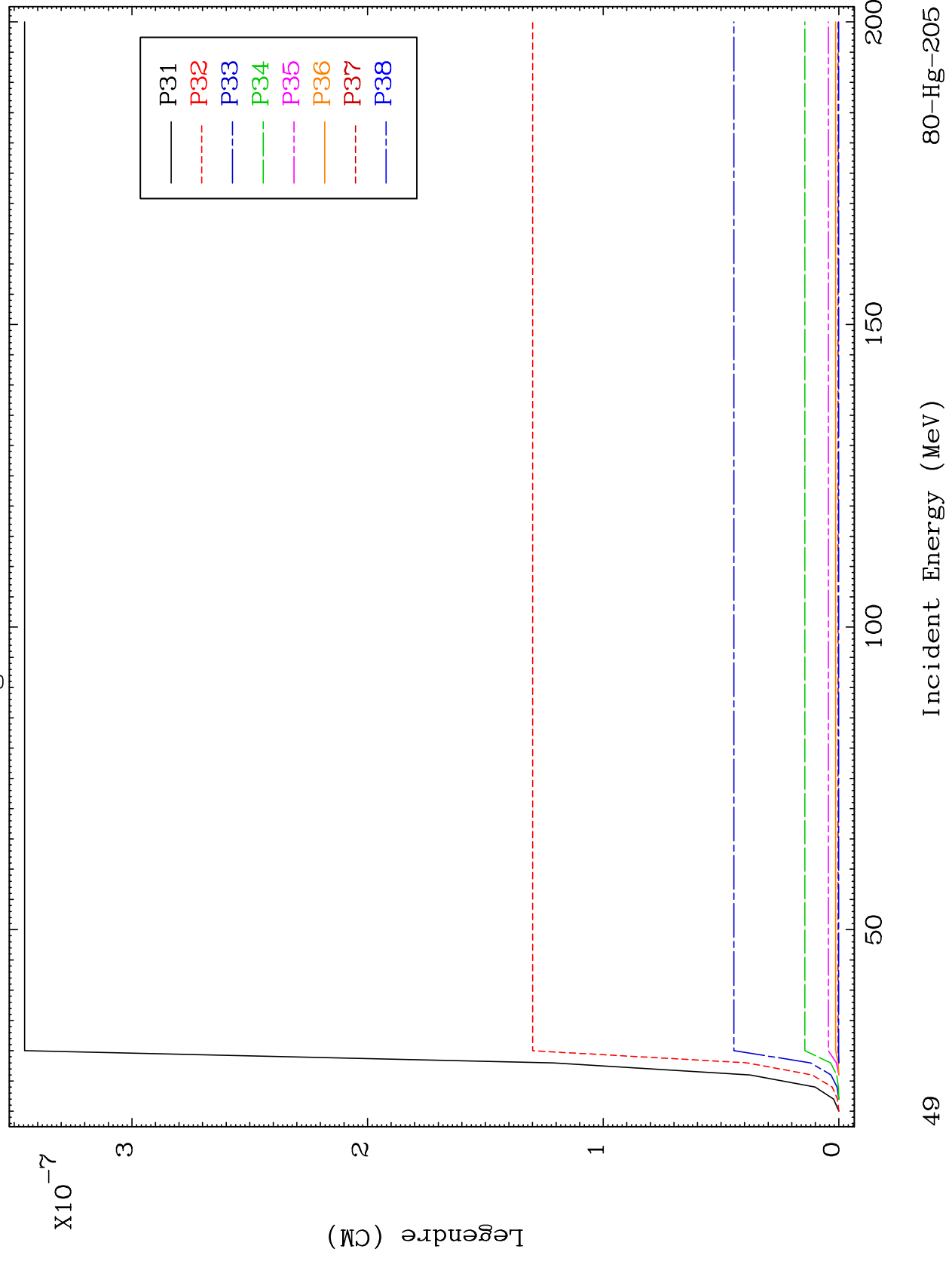
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

80-Hg-205



49

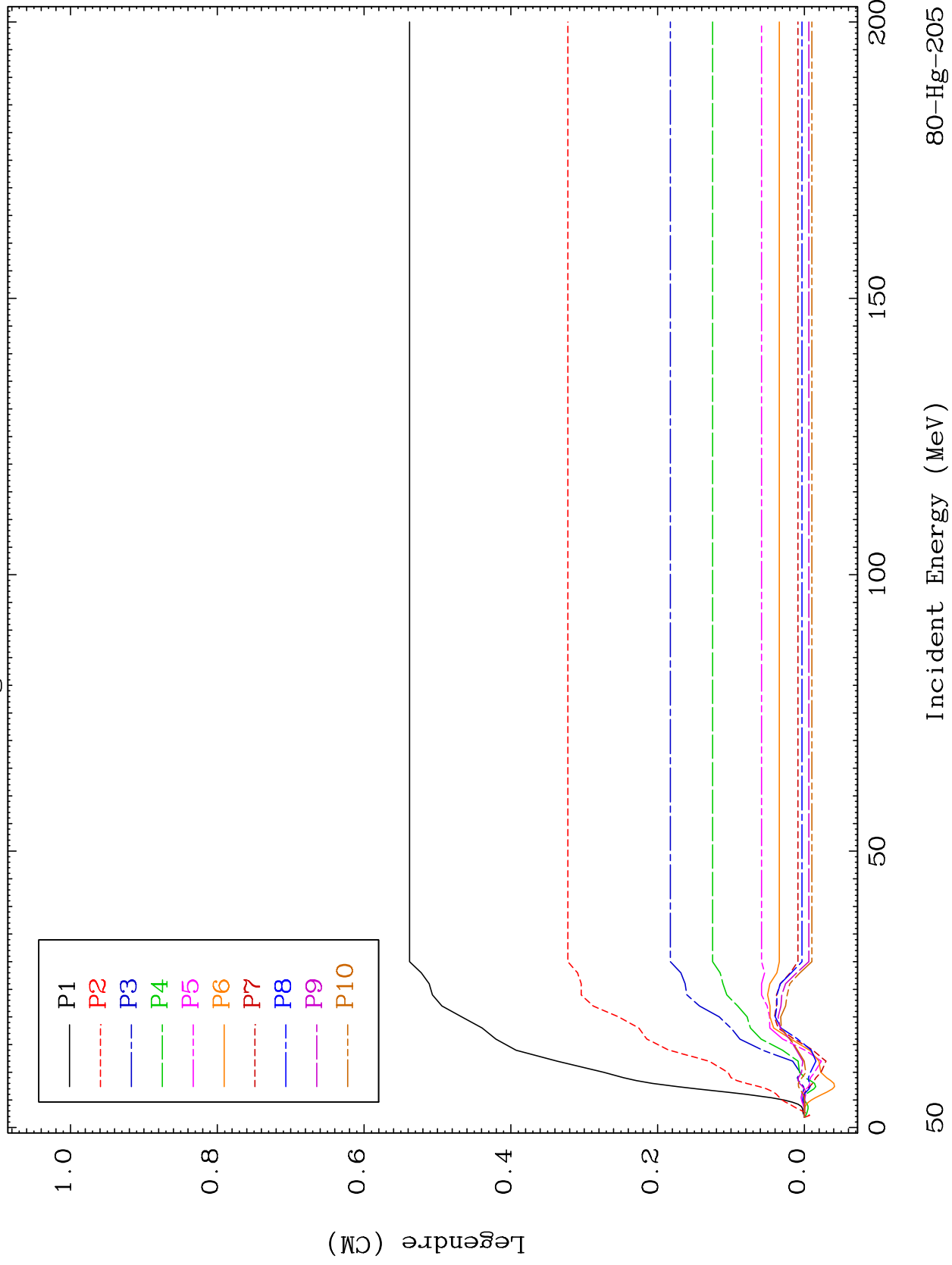
Incident Energy (MeV)

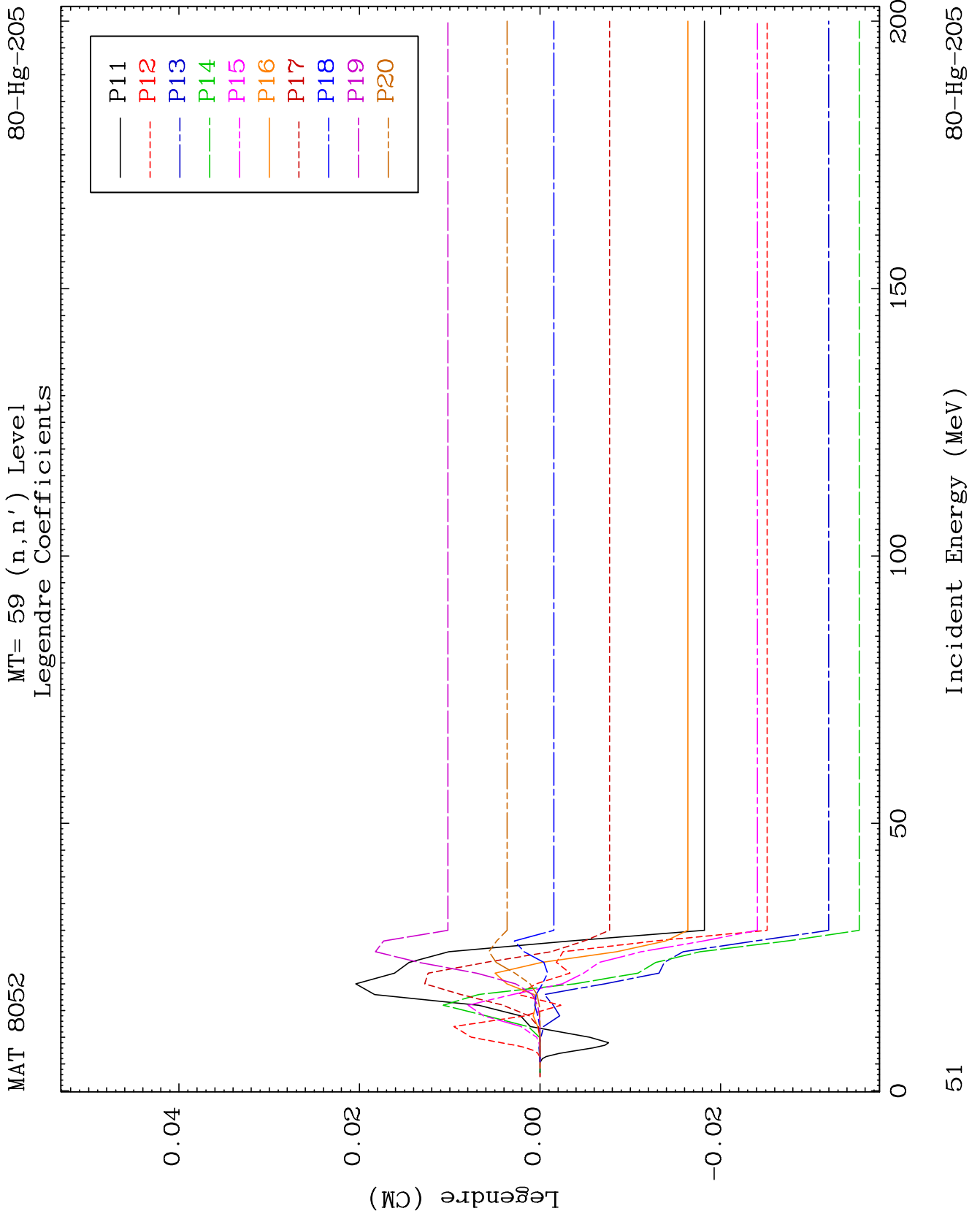
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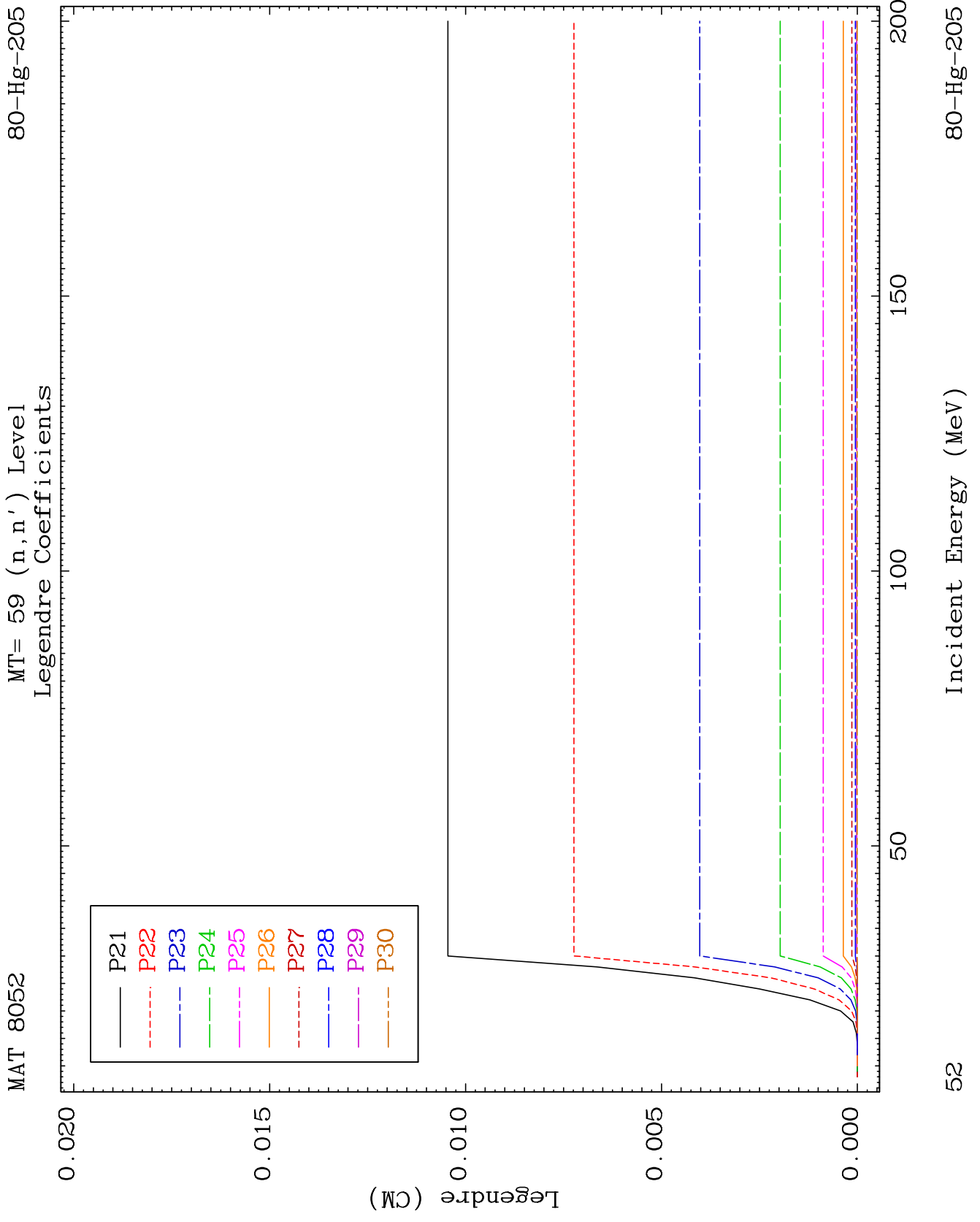
MAT 8052

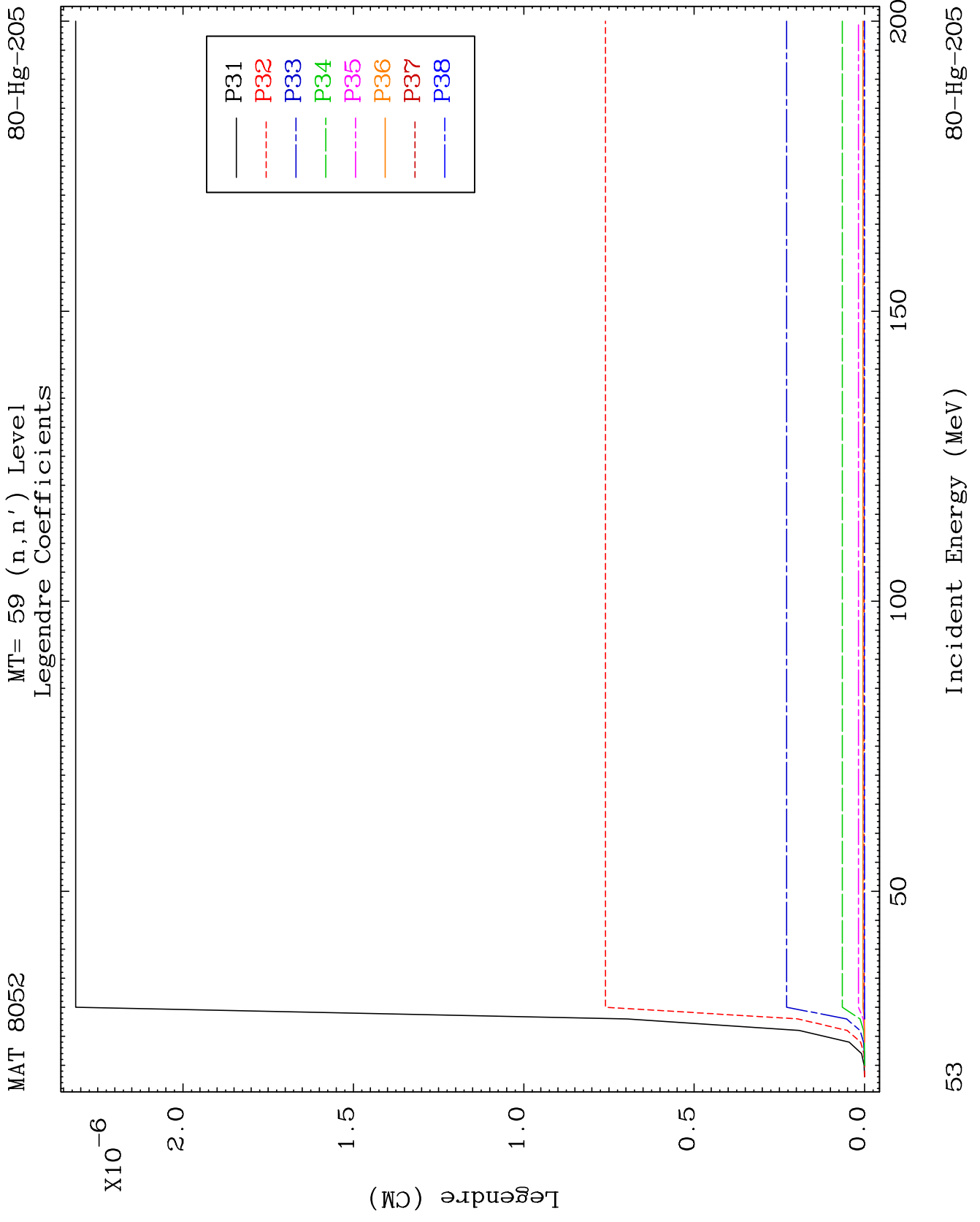
MT= 59 (n,n') Level  
Legendre Coefficients

80-Hg-205







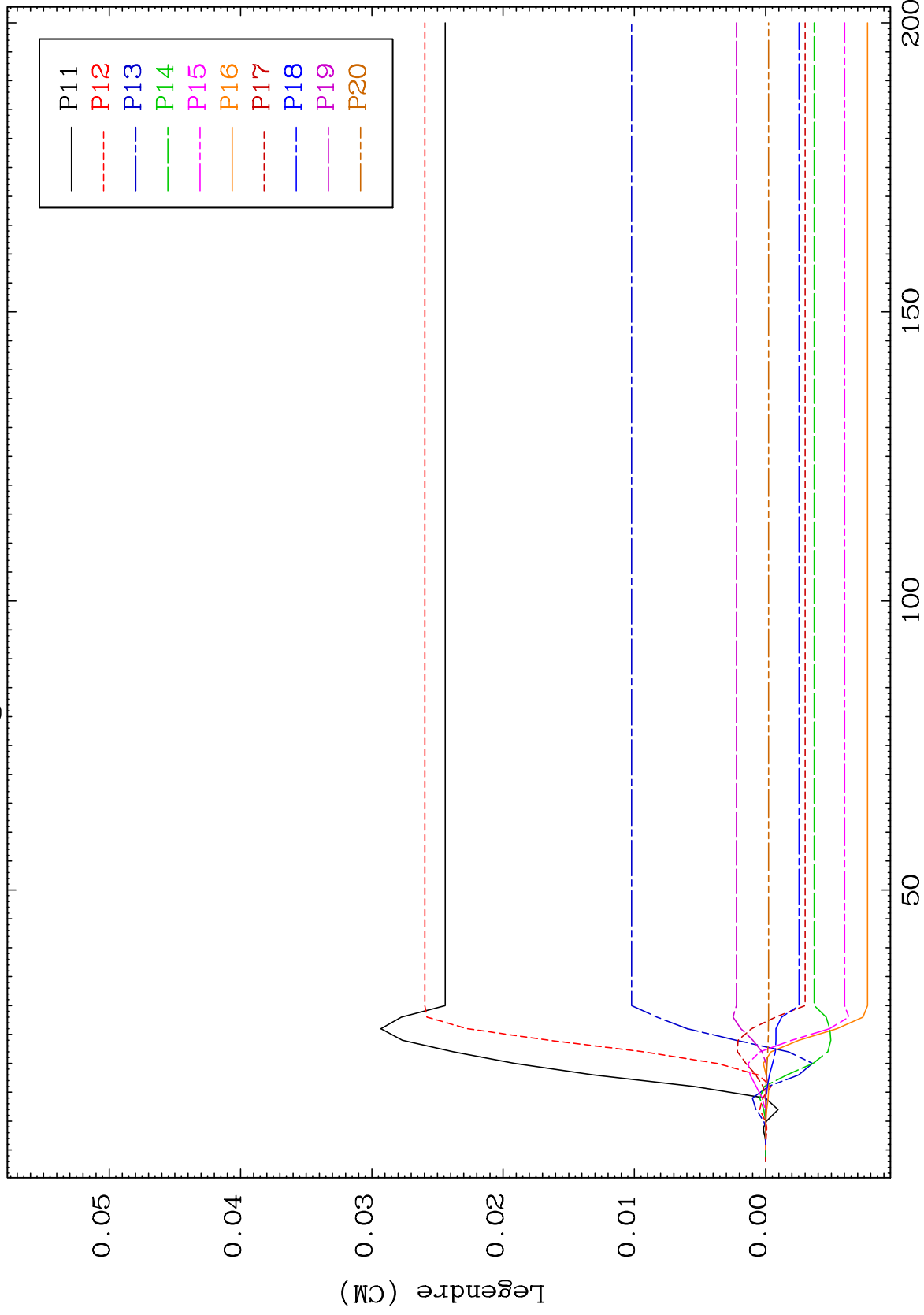




MAT 8052

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

80-Hg-205



55

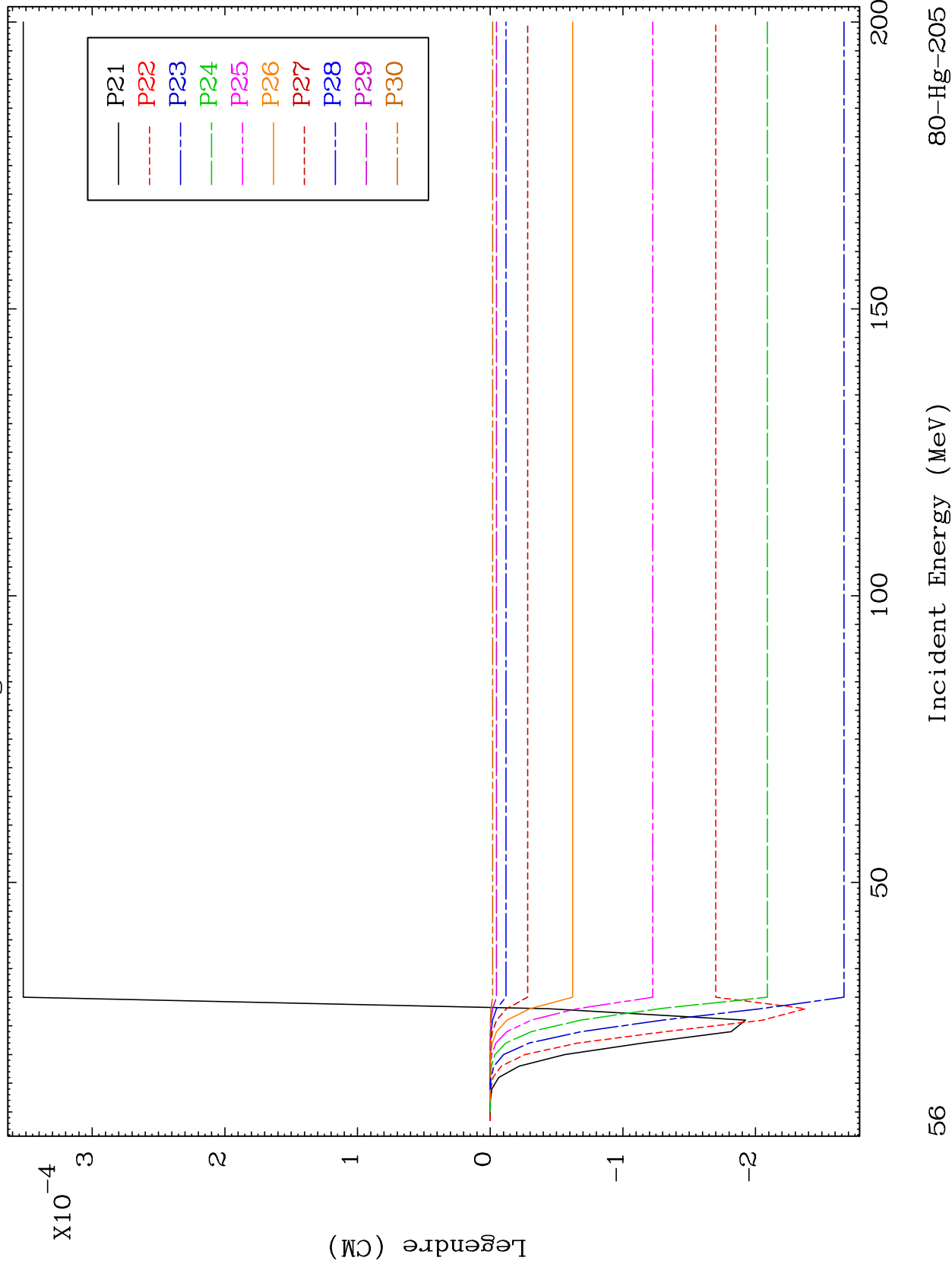
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

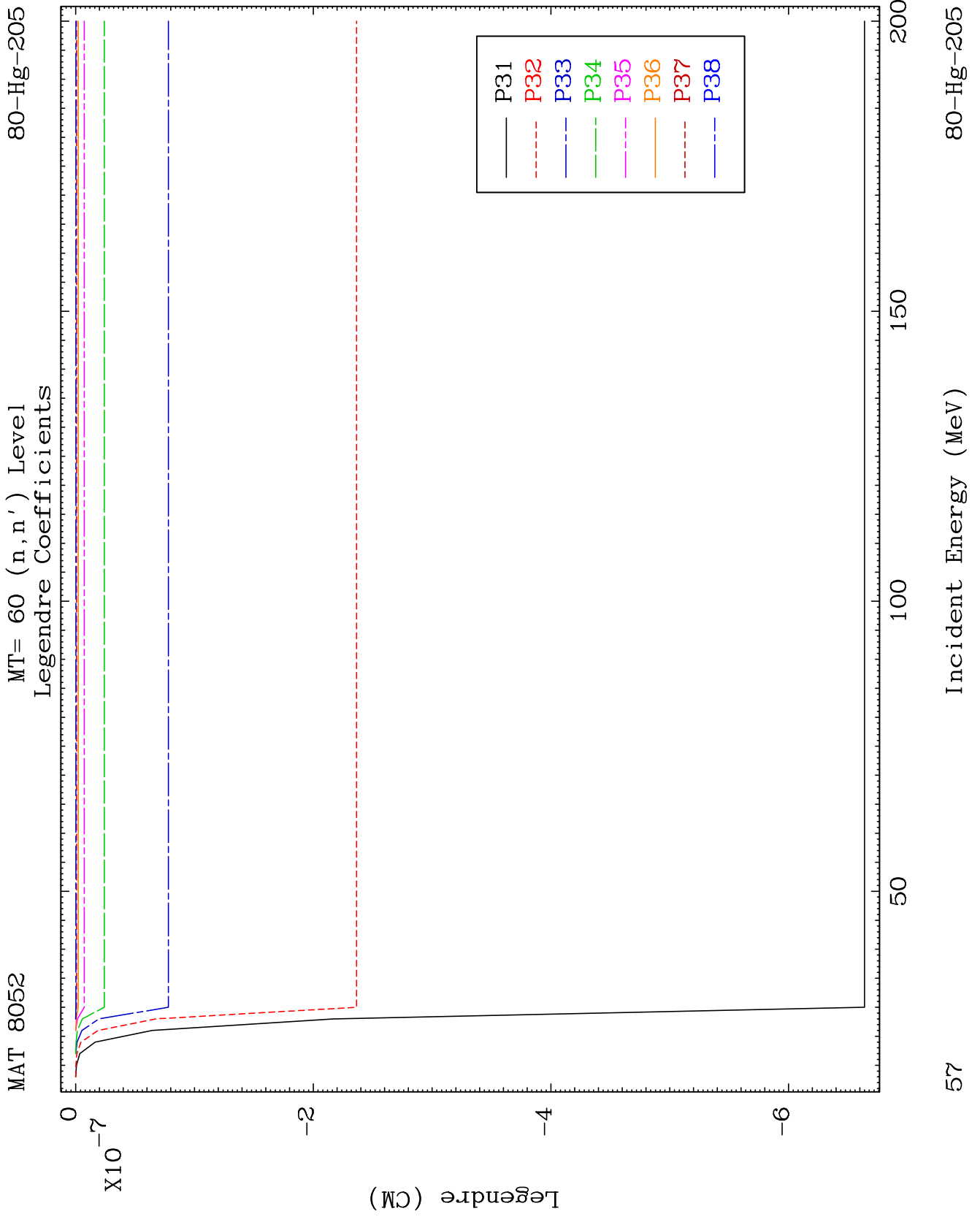
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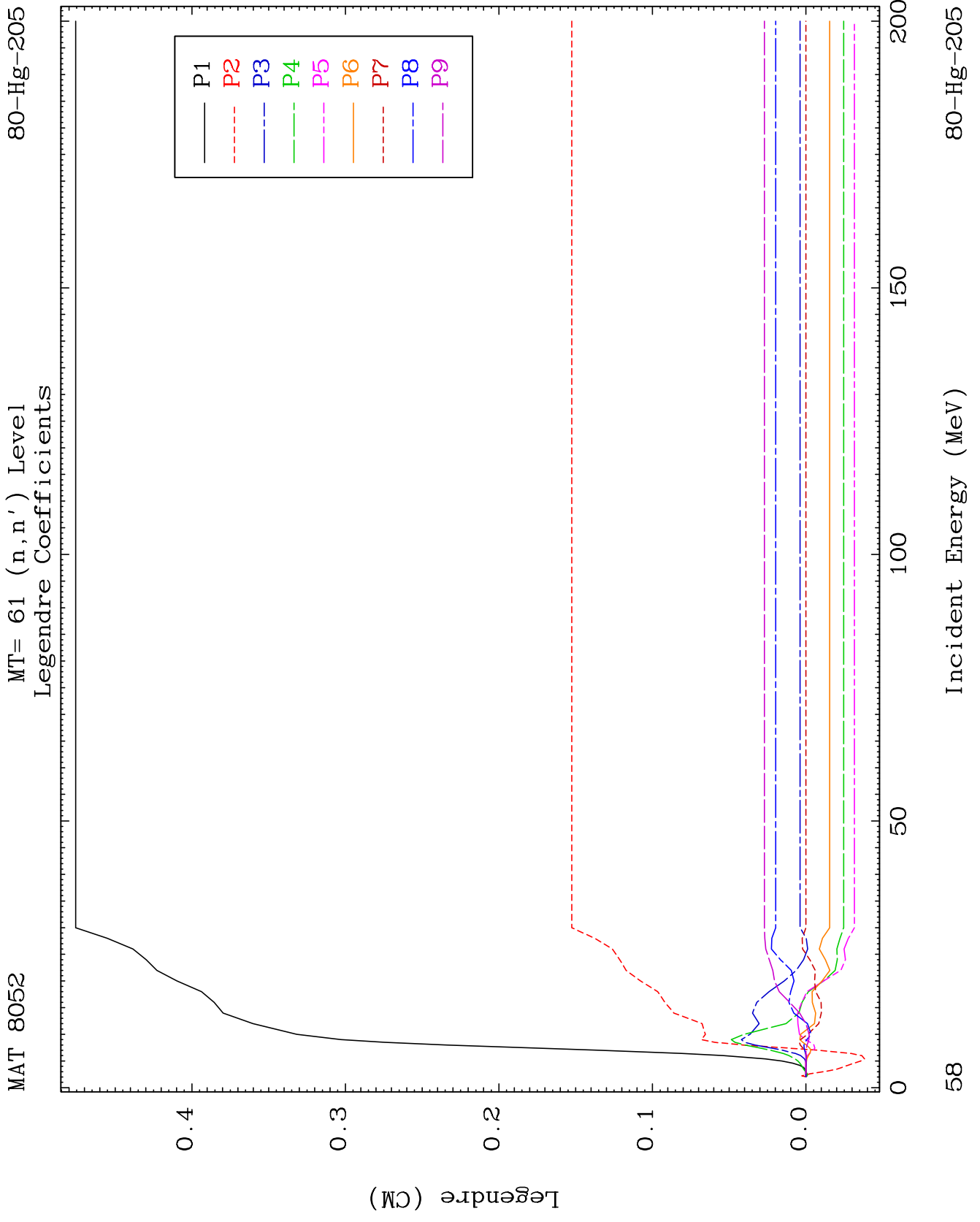


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Incident Energy (MeV)

80-Hg-205

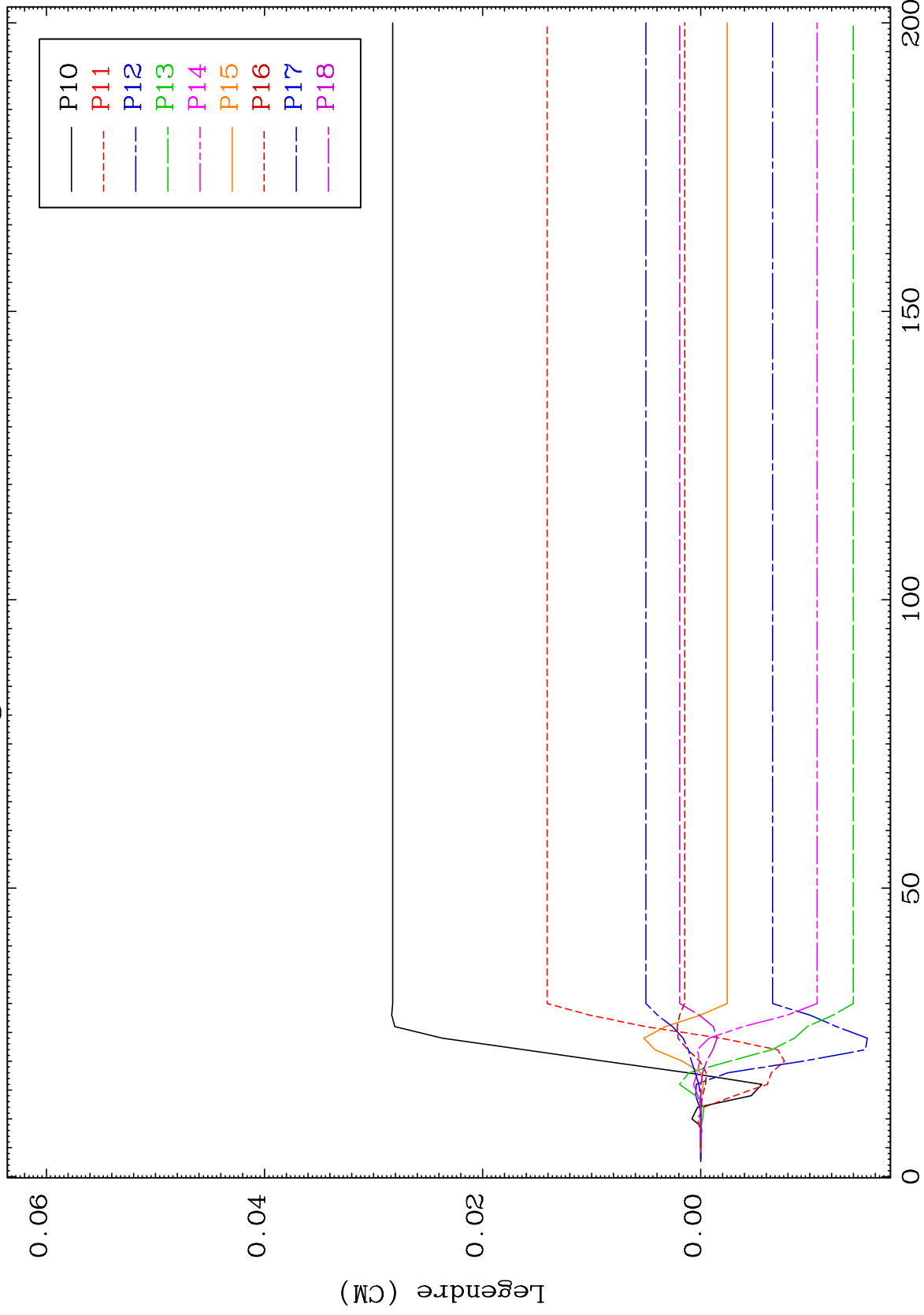




MAT 8052

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

80-Hg-205



59

Incident Energy (MeV)

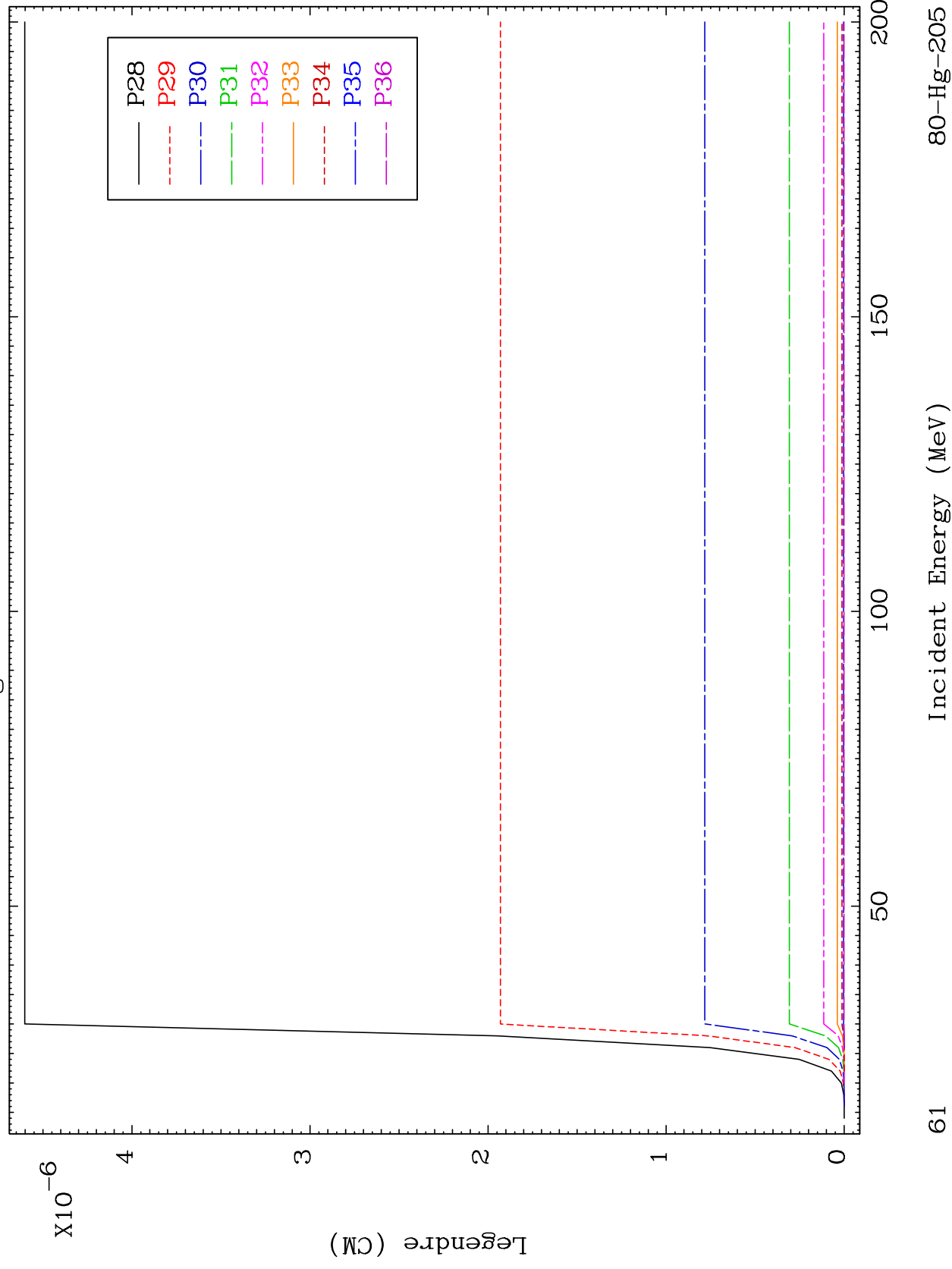
80-Hg-205



MAT 8052

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

80-Hg-205



61

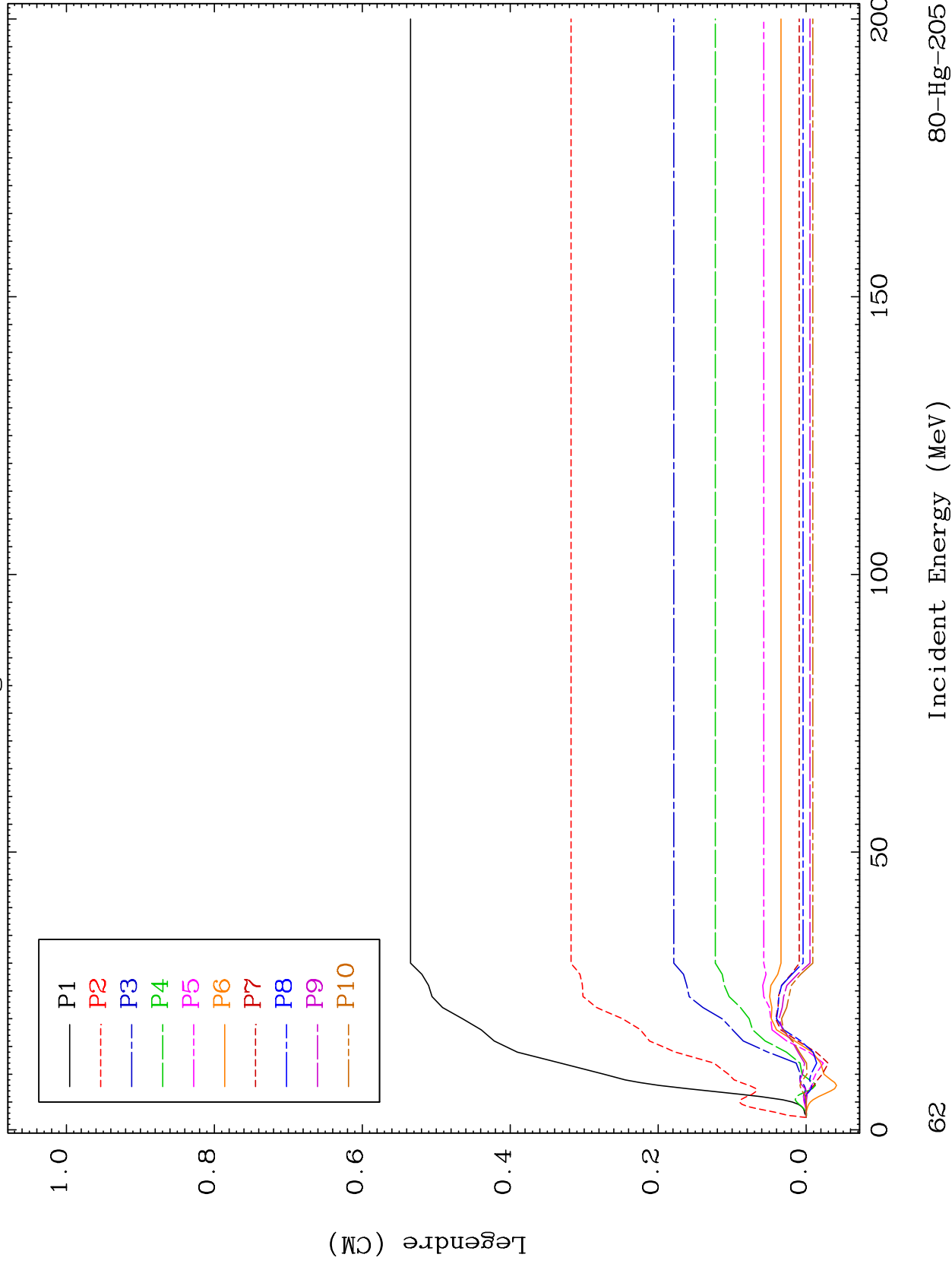
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

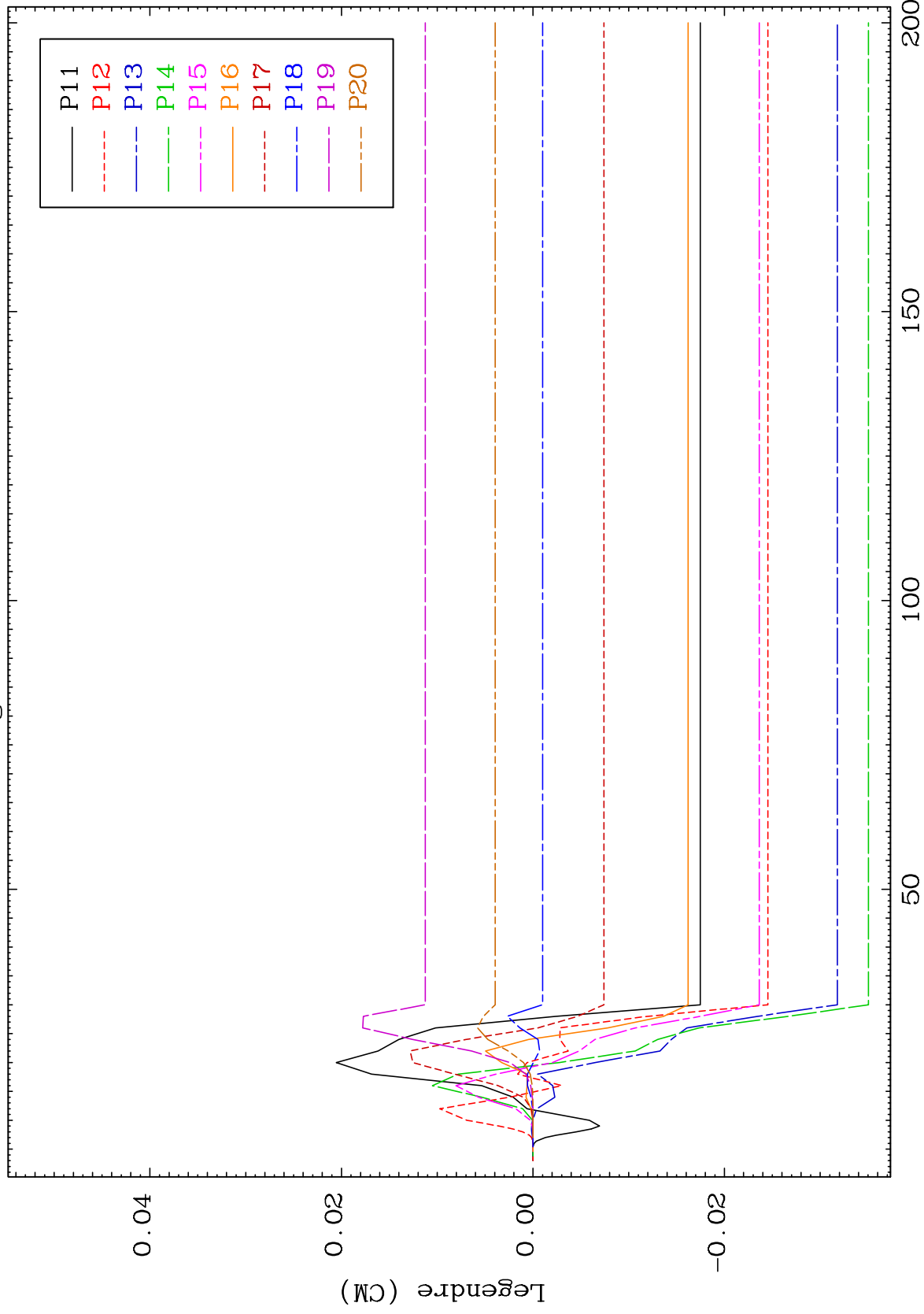
80-Hg-205



MAT 8052

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

80-Hg-205



63

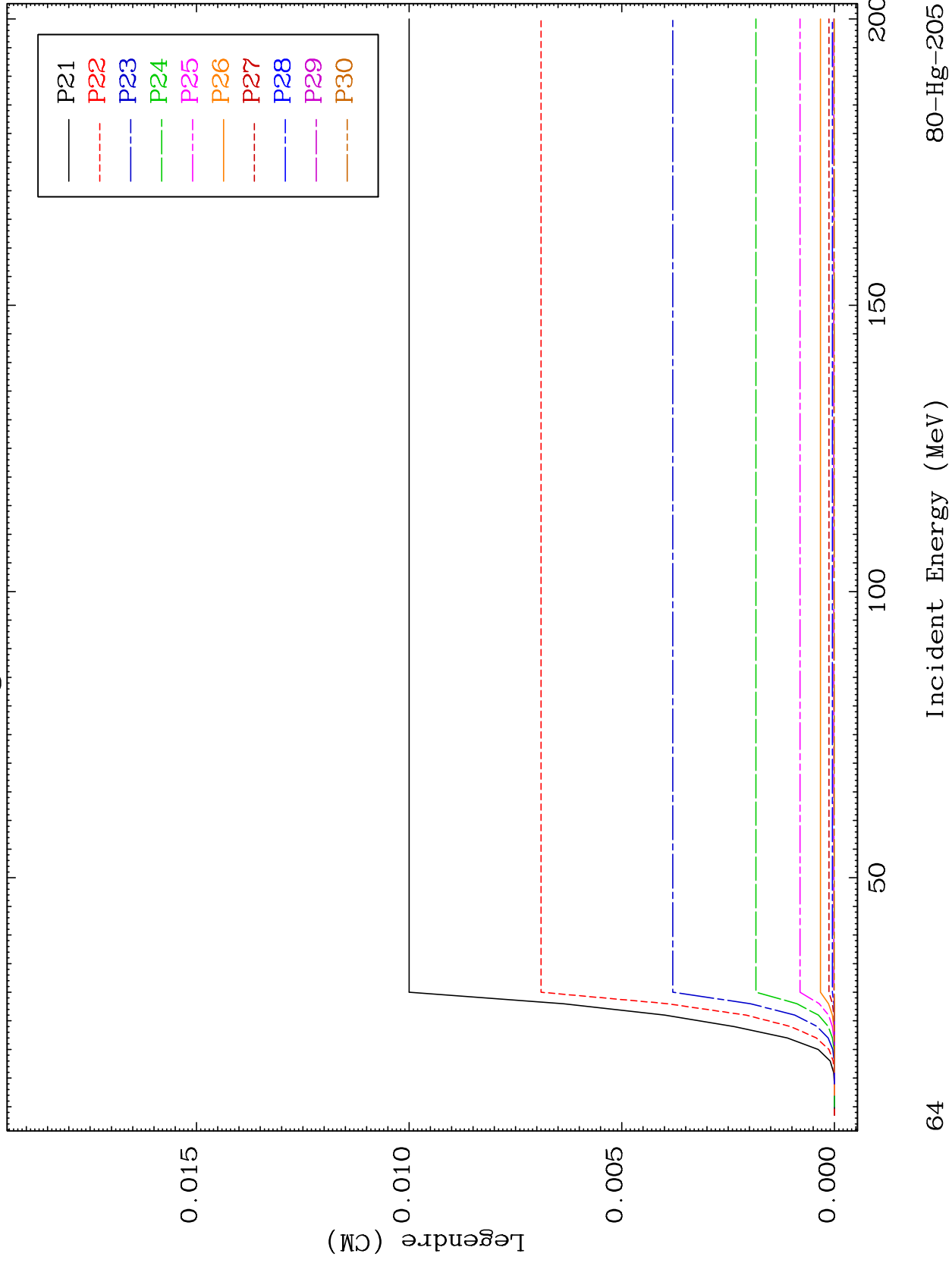
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

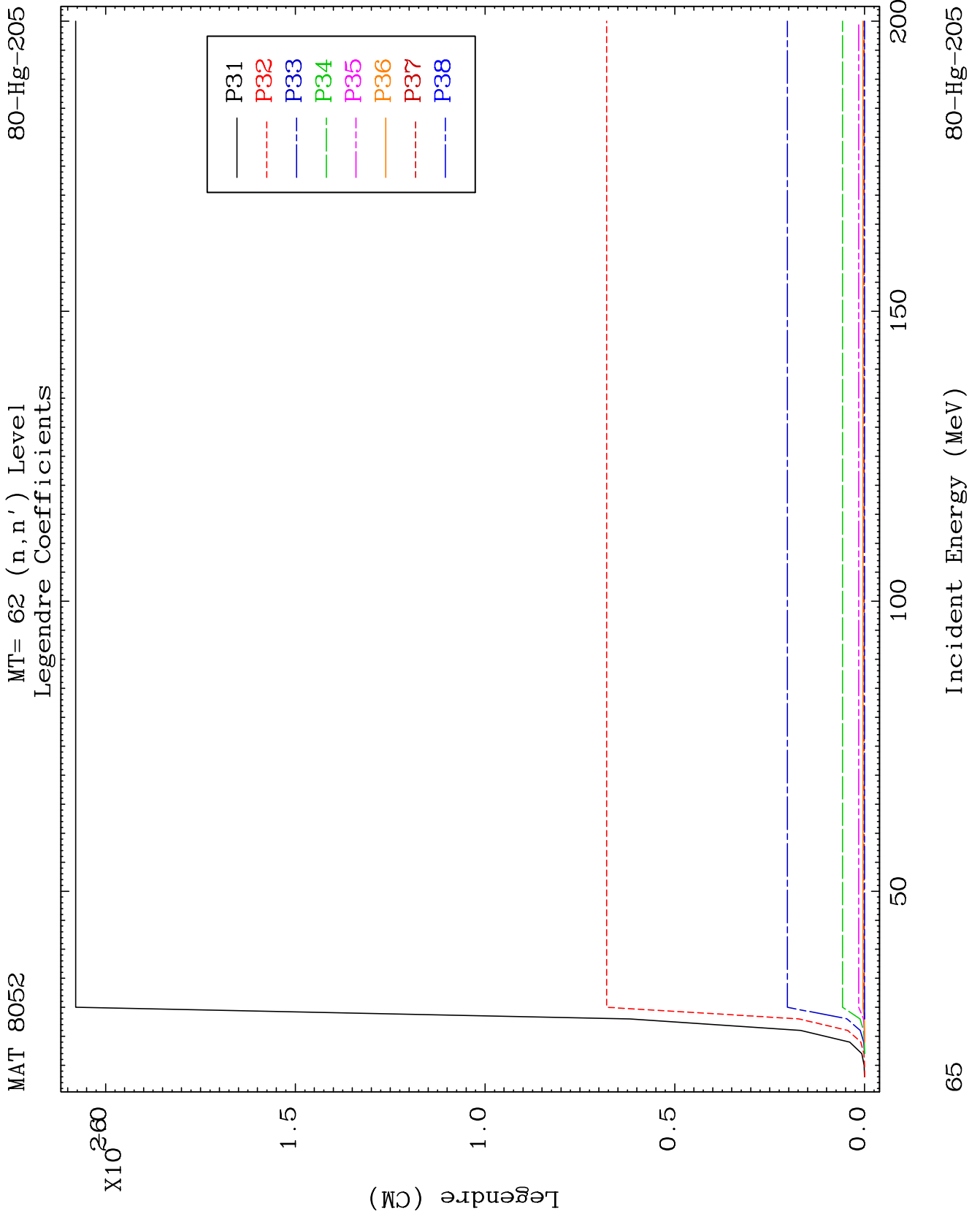
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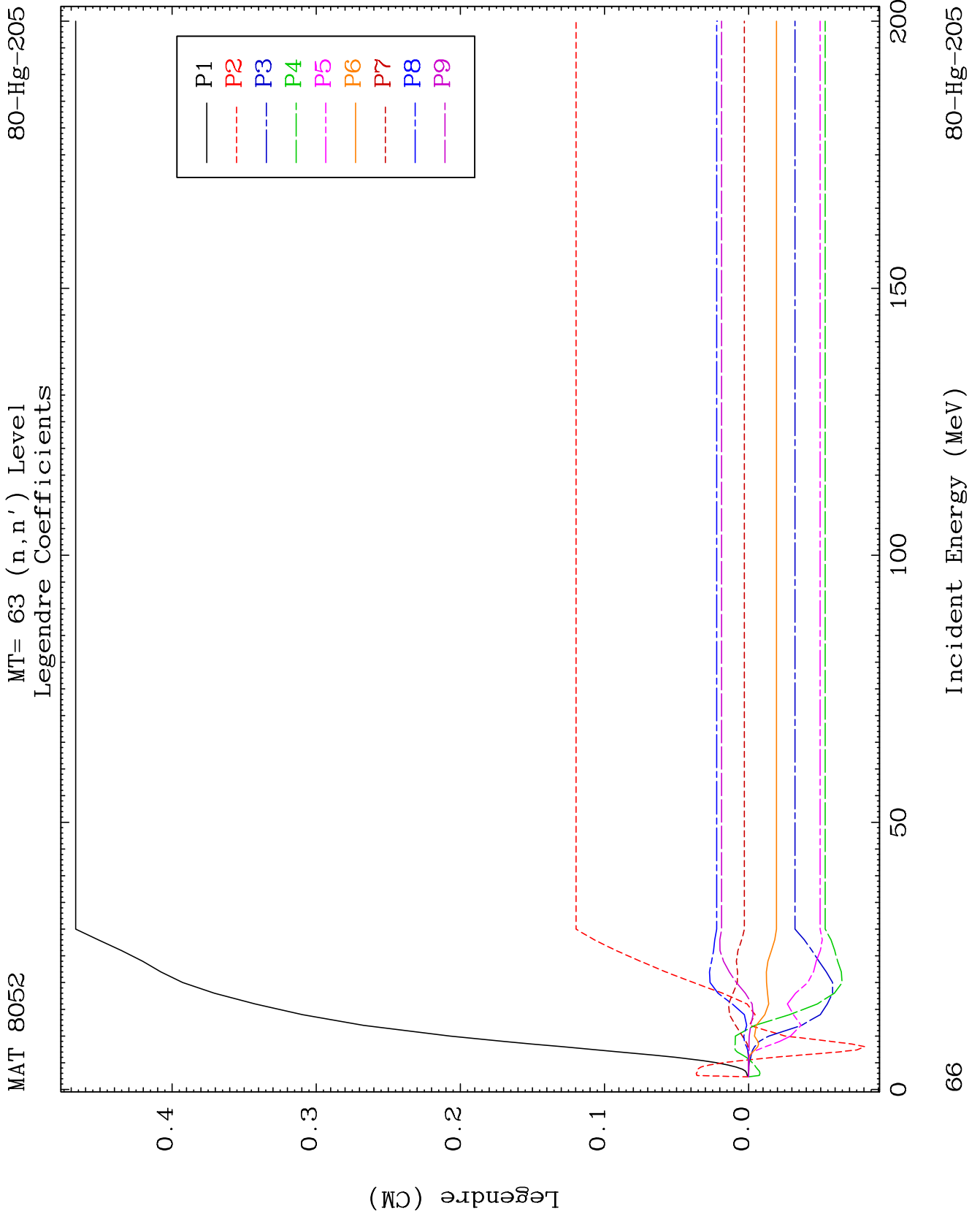


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Incident Energy (MeV)

80-Hg-205

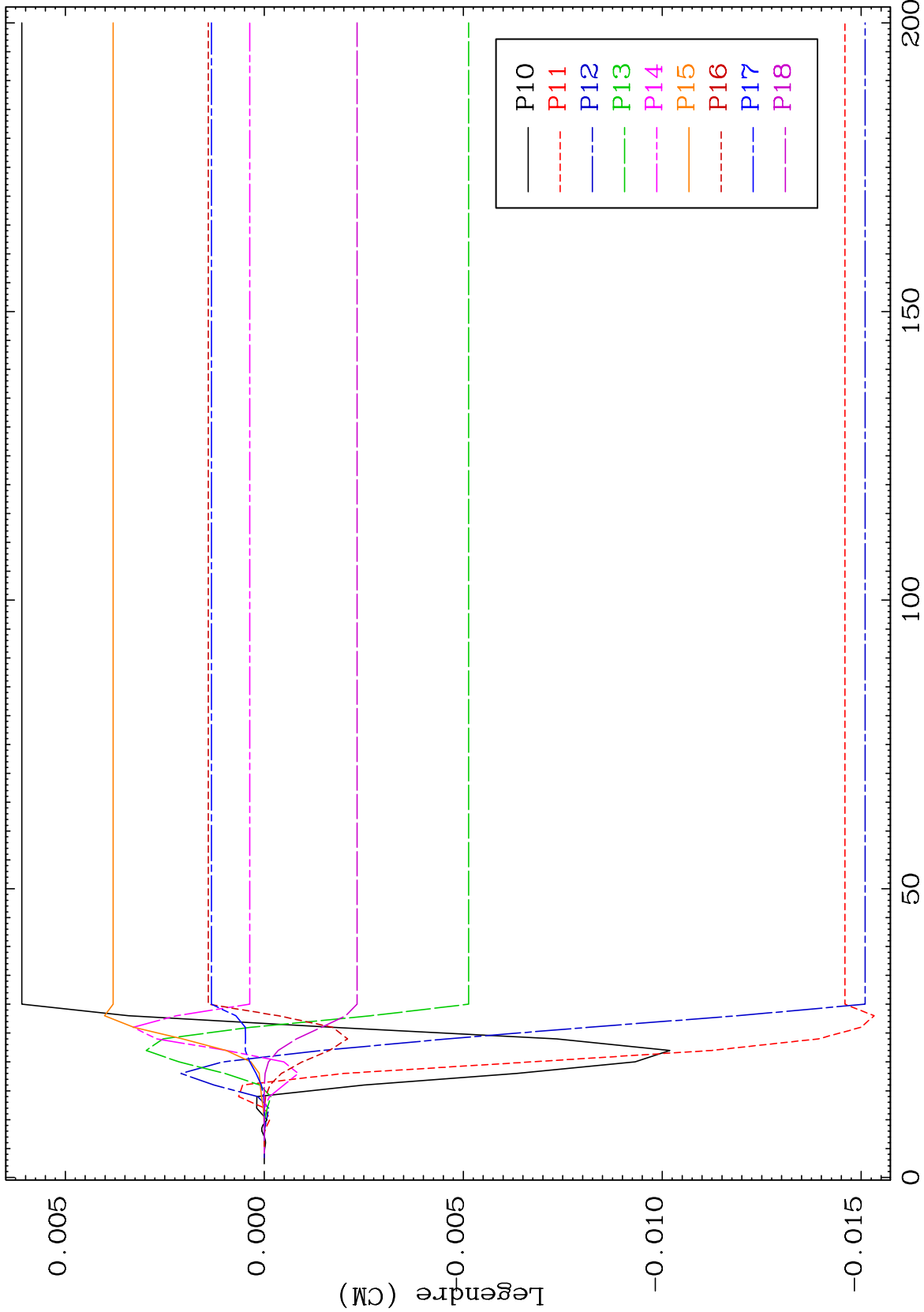




MAT 8052

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

80-Hg-205



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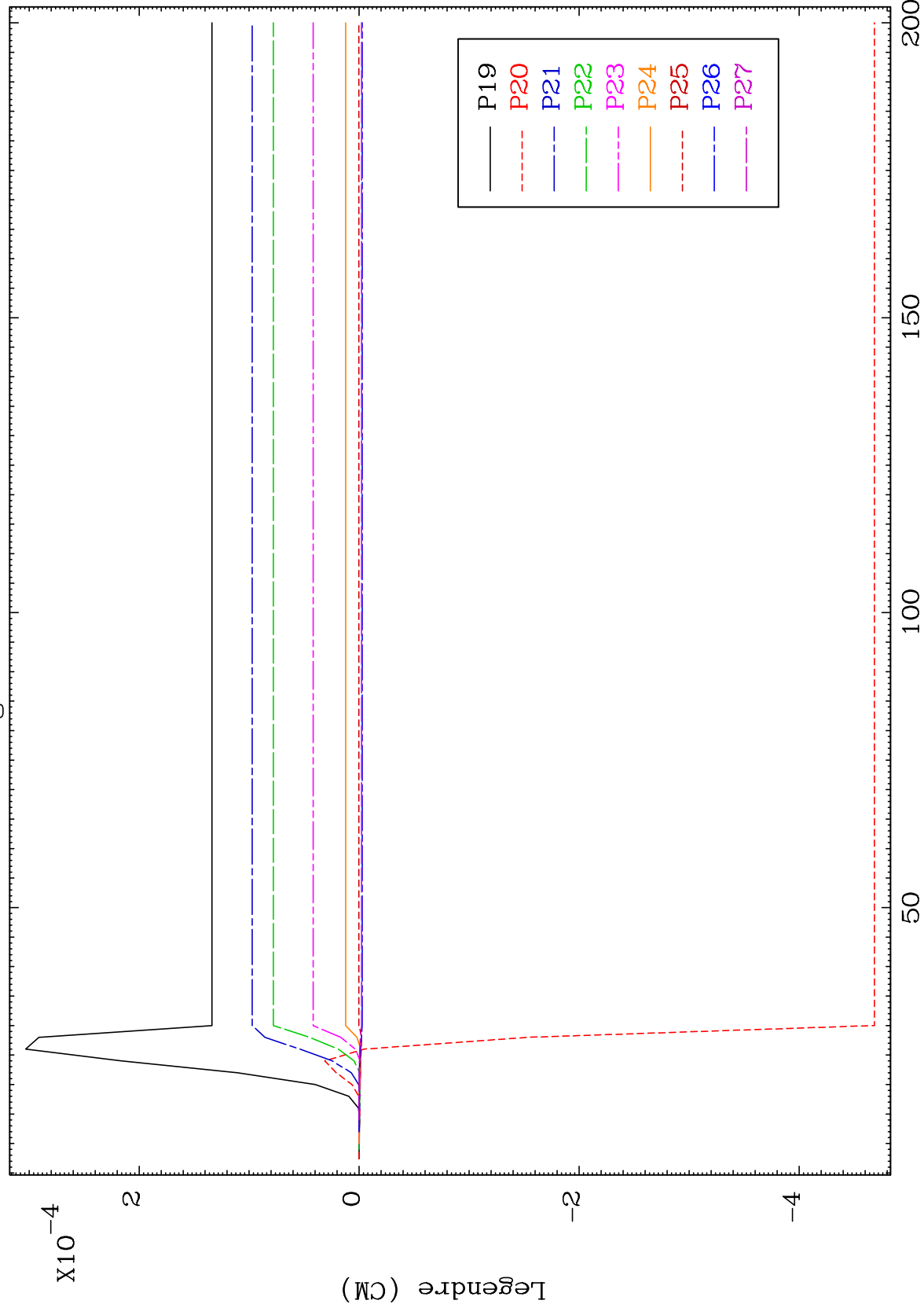
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

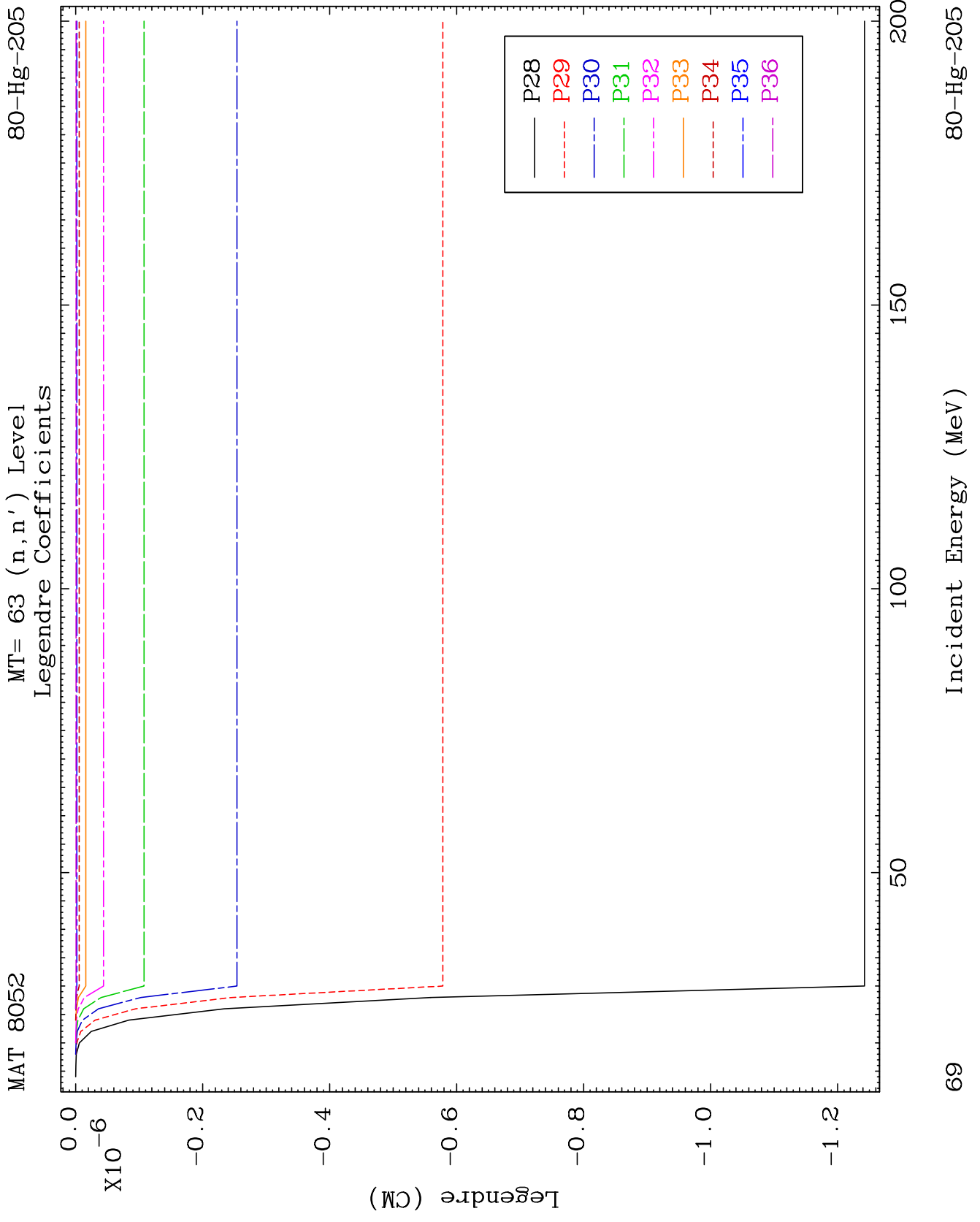
80-Hg-205



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Incident Energy (MeV)

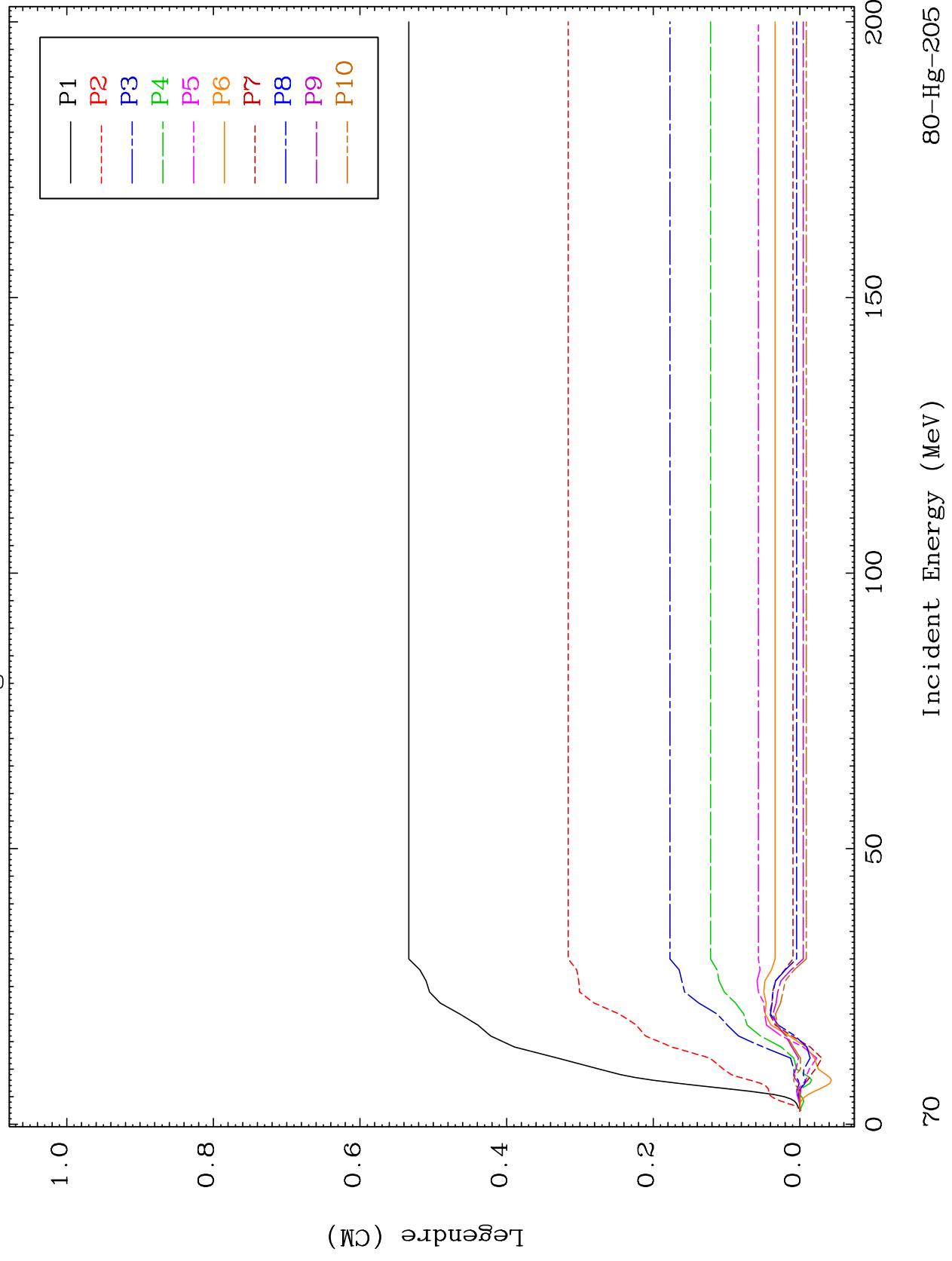
80-Hg-205



MAT 8052

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

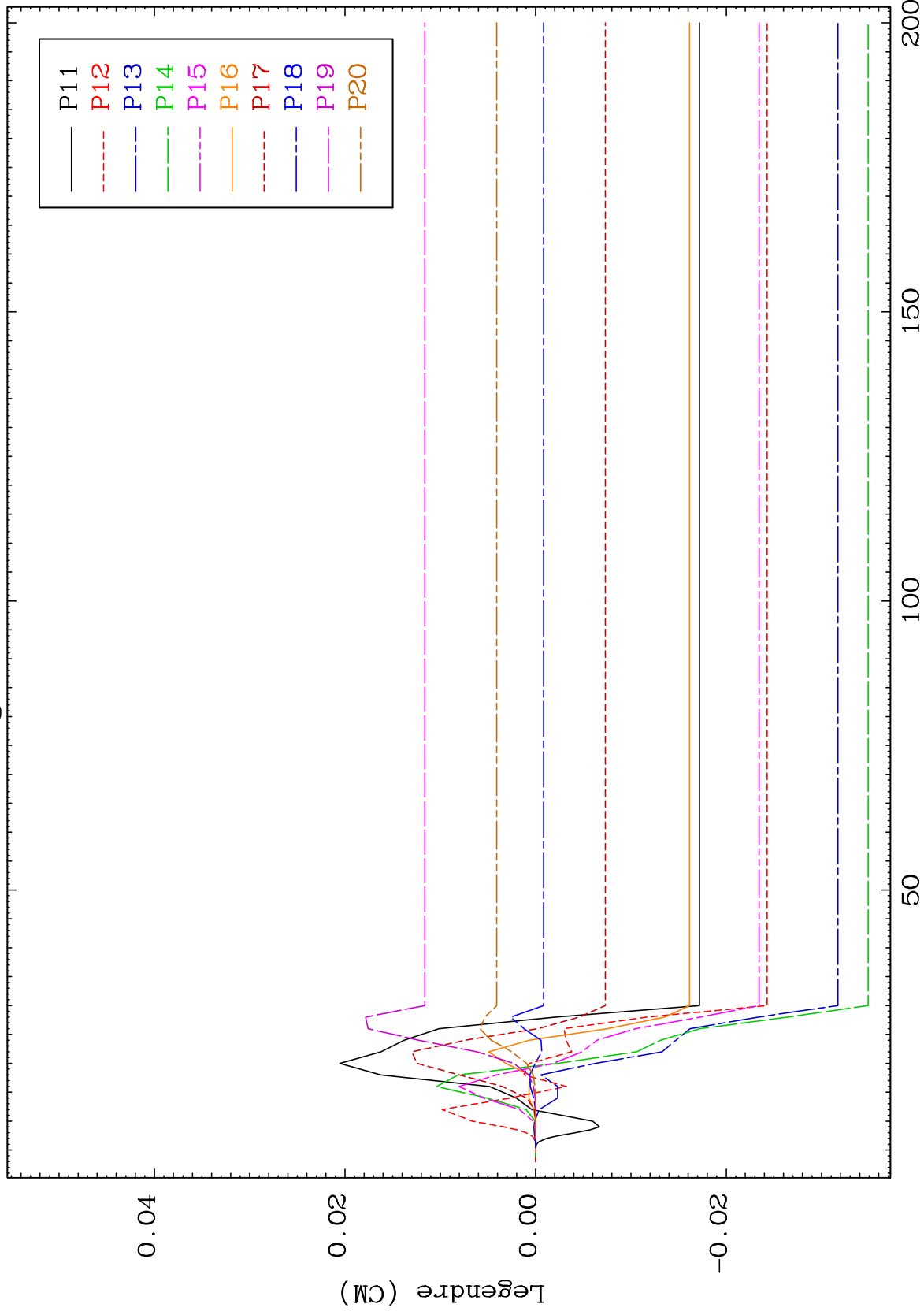
80-Hg-205



MAT 8052

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

80-Hg-205



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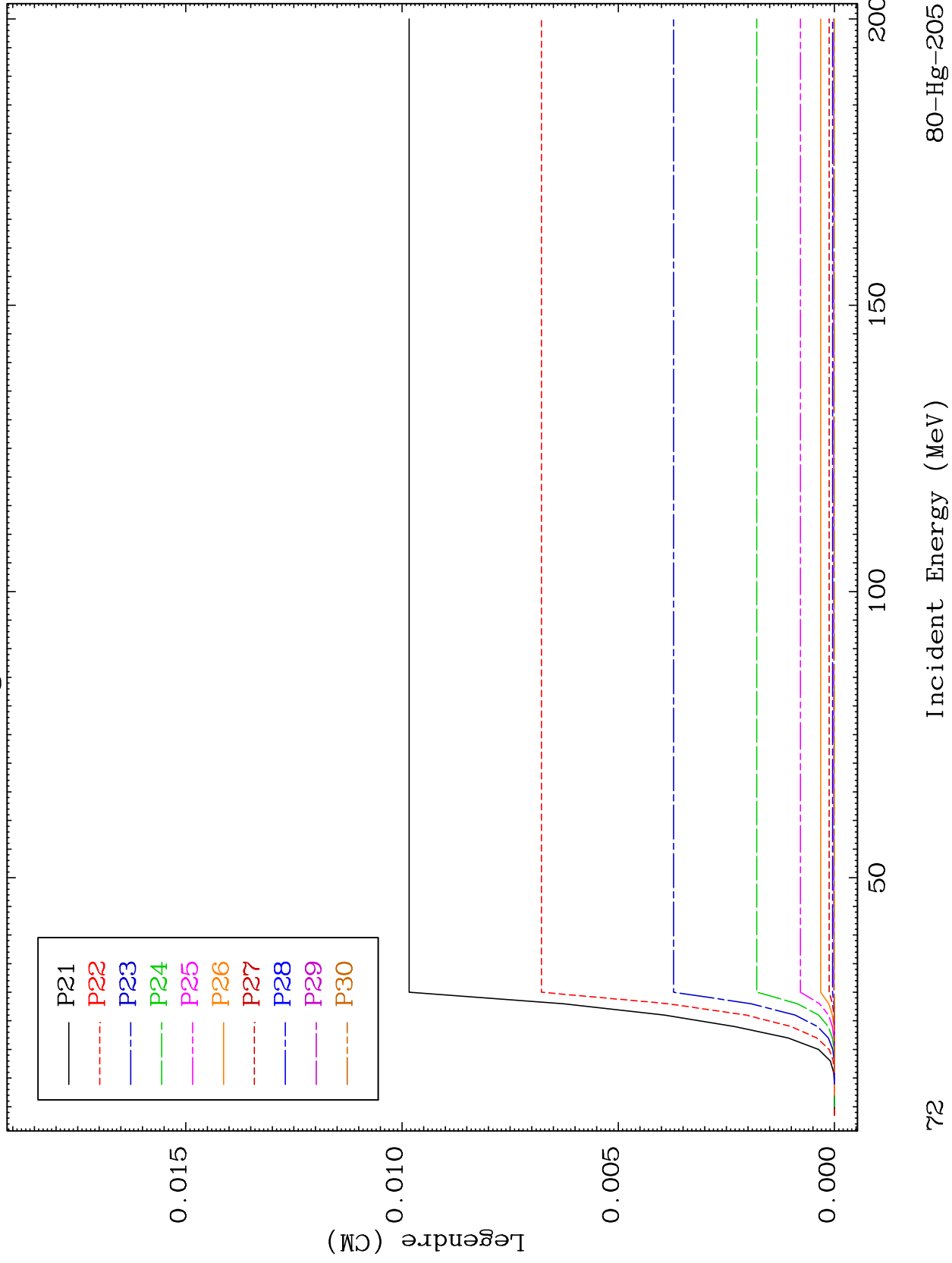
Incident Energy (MeV)

80-Hg-205

MAT 8052

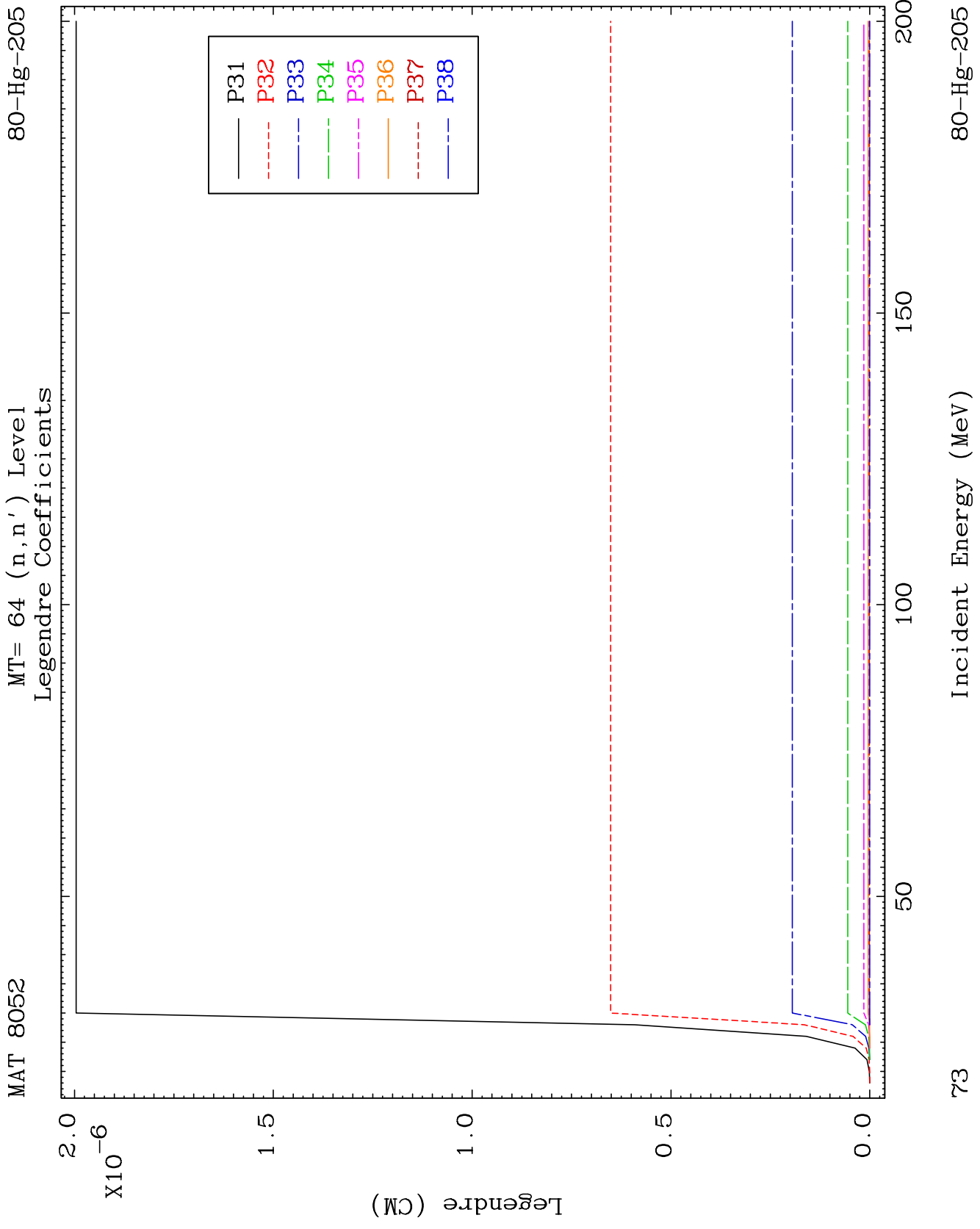
MT= 64 (n,n') Level  
Legendre Coefficients

80-Hg-205



72

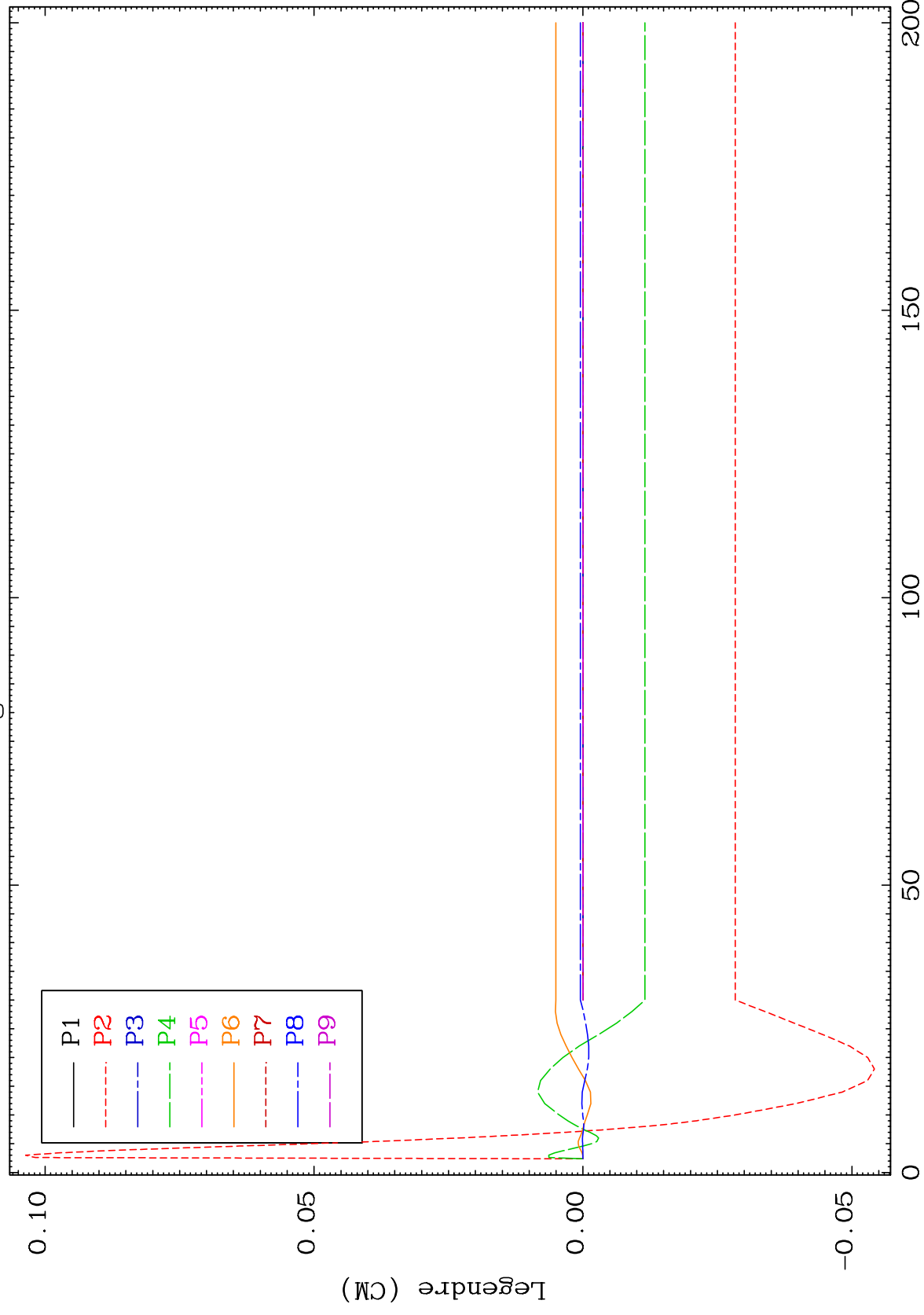
80-Hg-205



MAT 8052

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

80-Hg-205



74

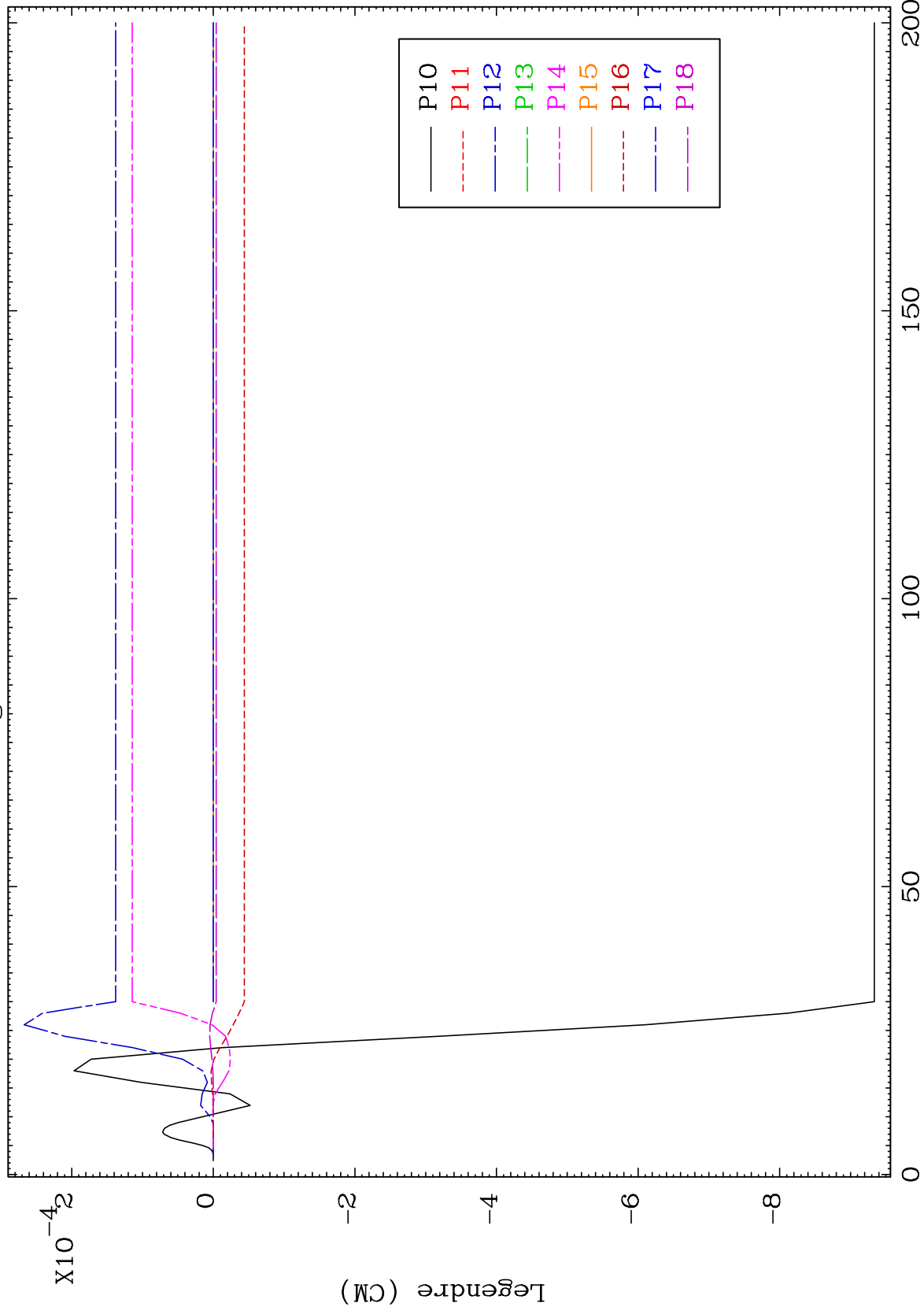
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

80-Hg-205

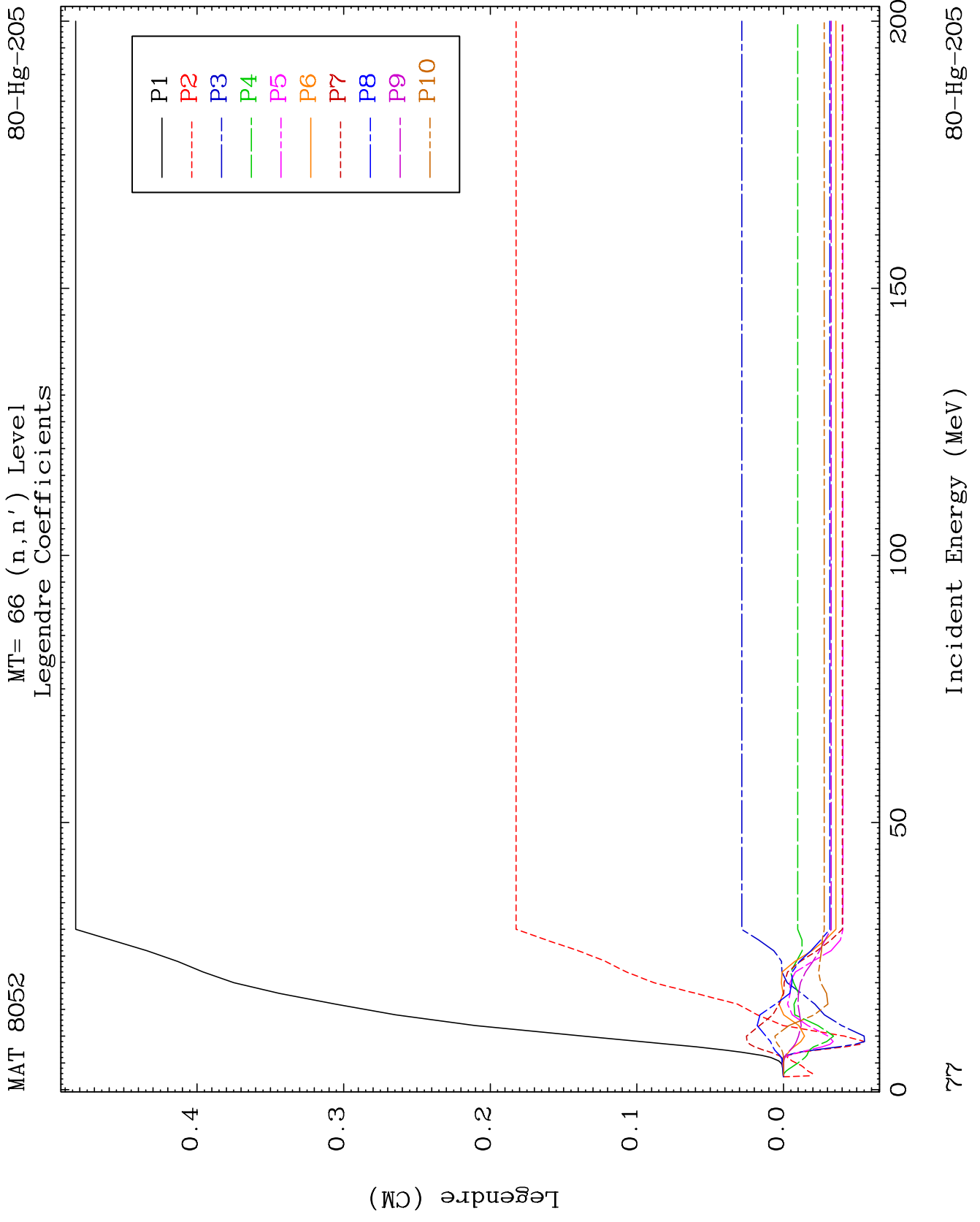


75

Incident Energy (MeV)

80-Hg-205

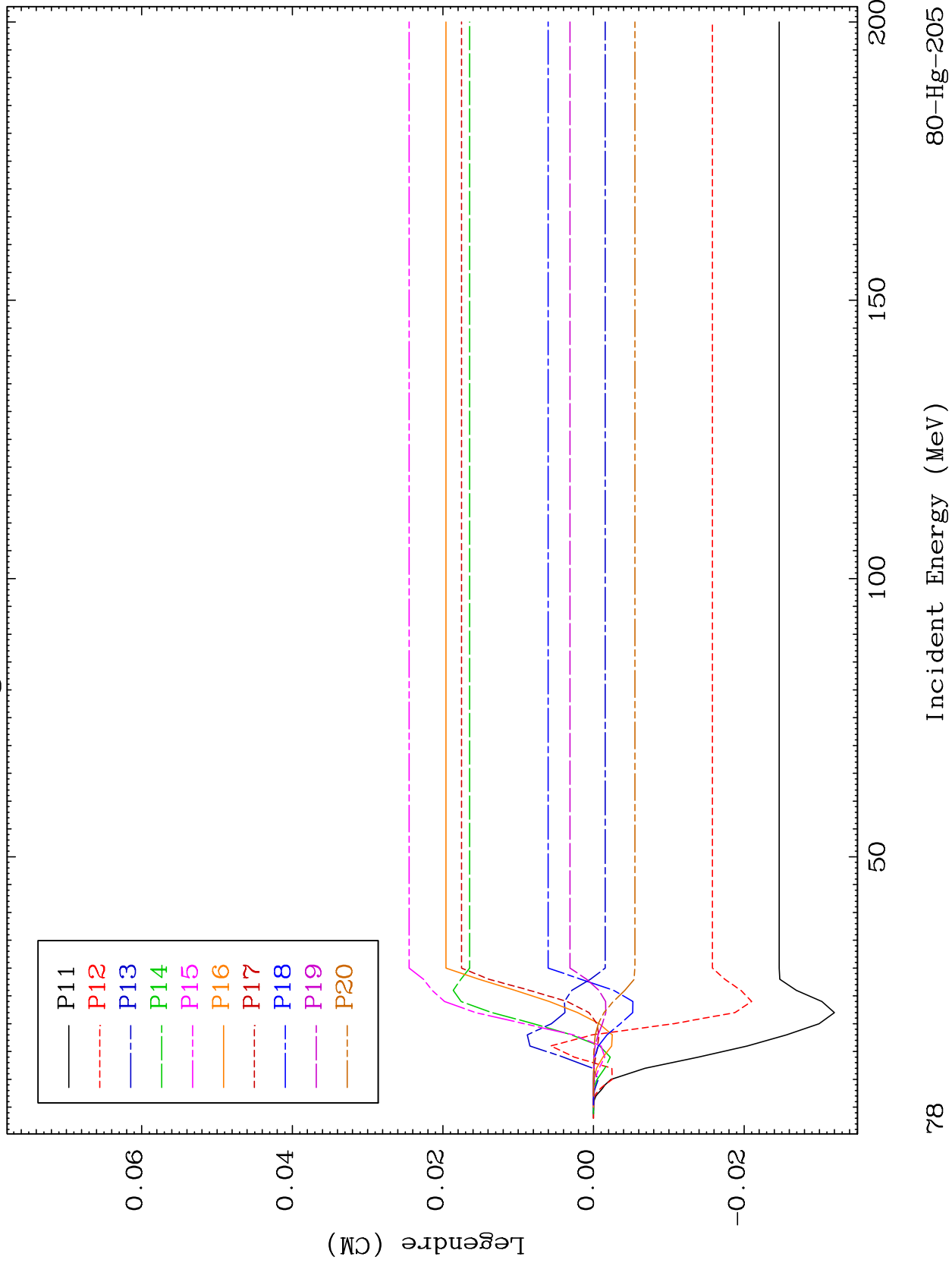




MAT 8052

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

80-Hg-205



78

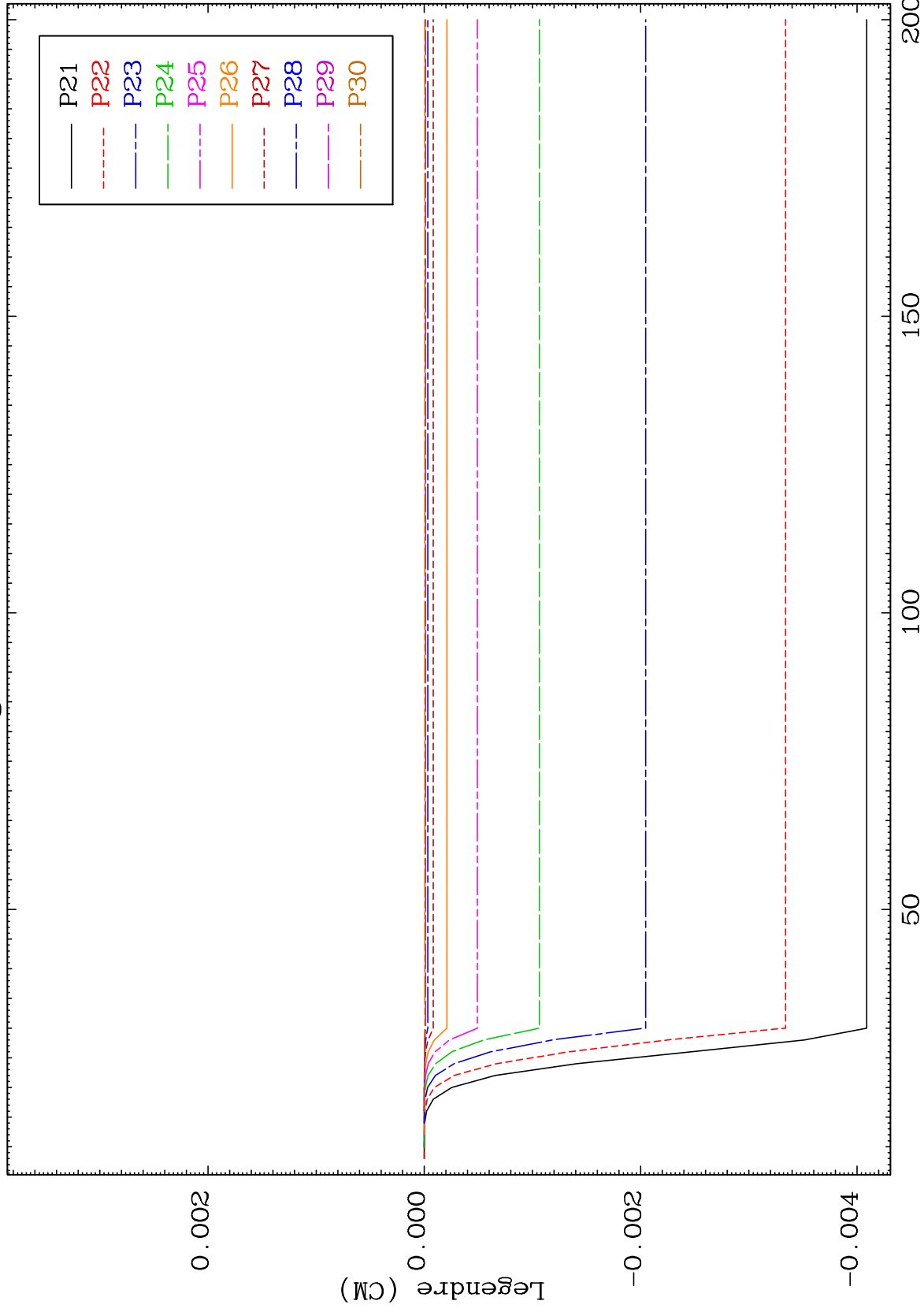
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

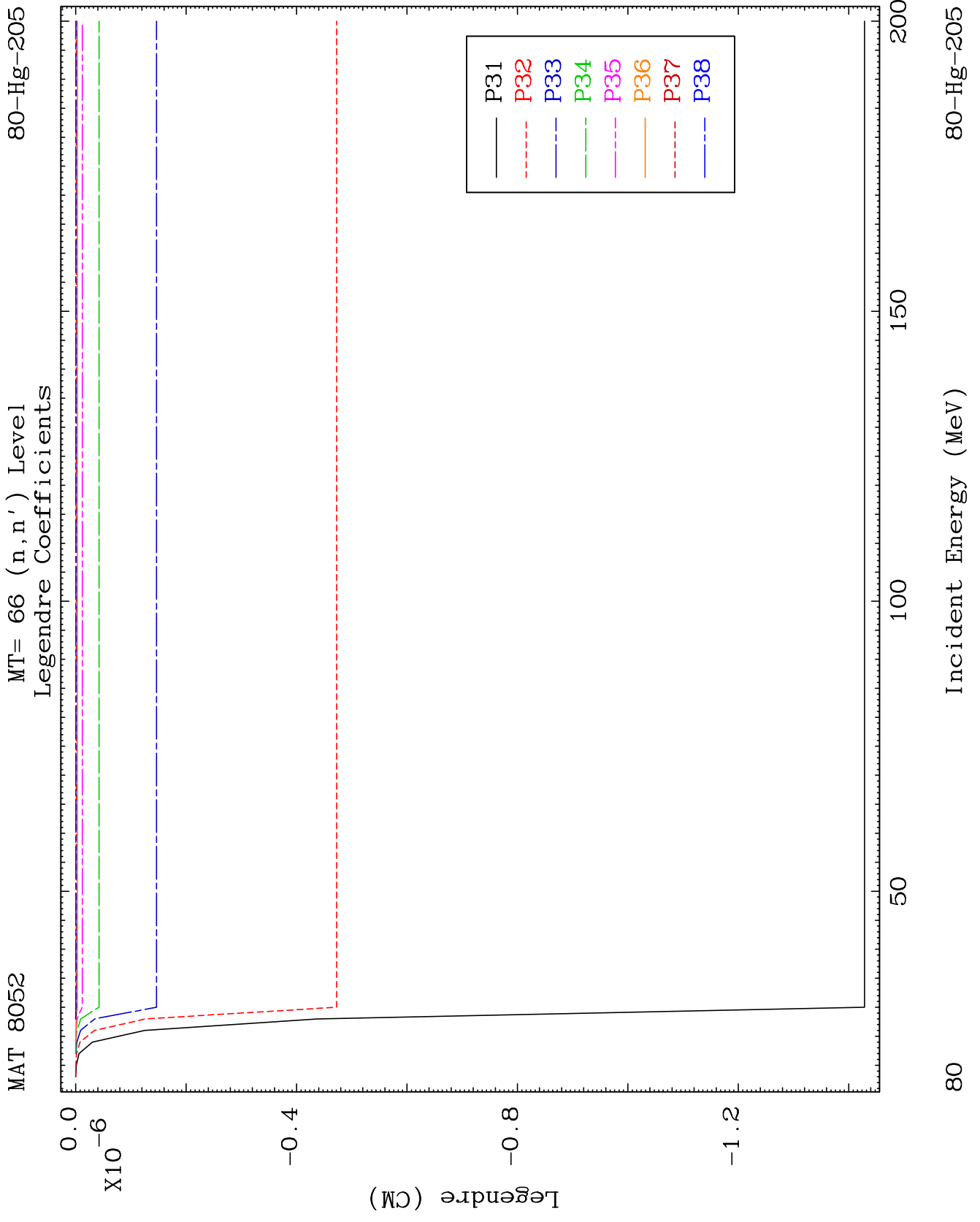
80-Hg-205



79

Incident Energy (MeV)

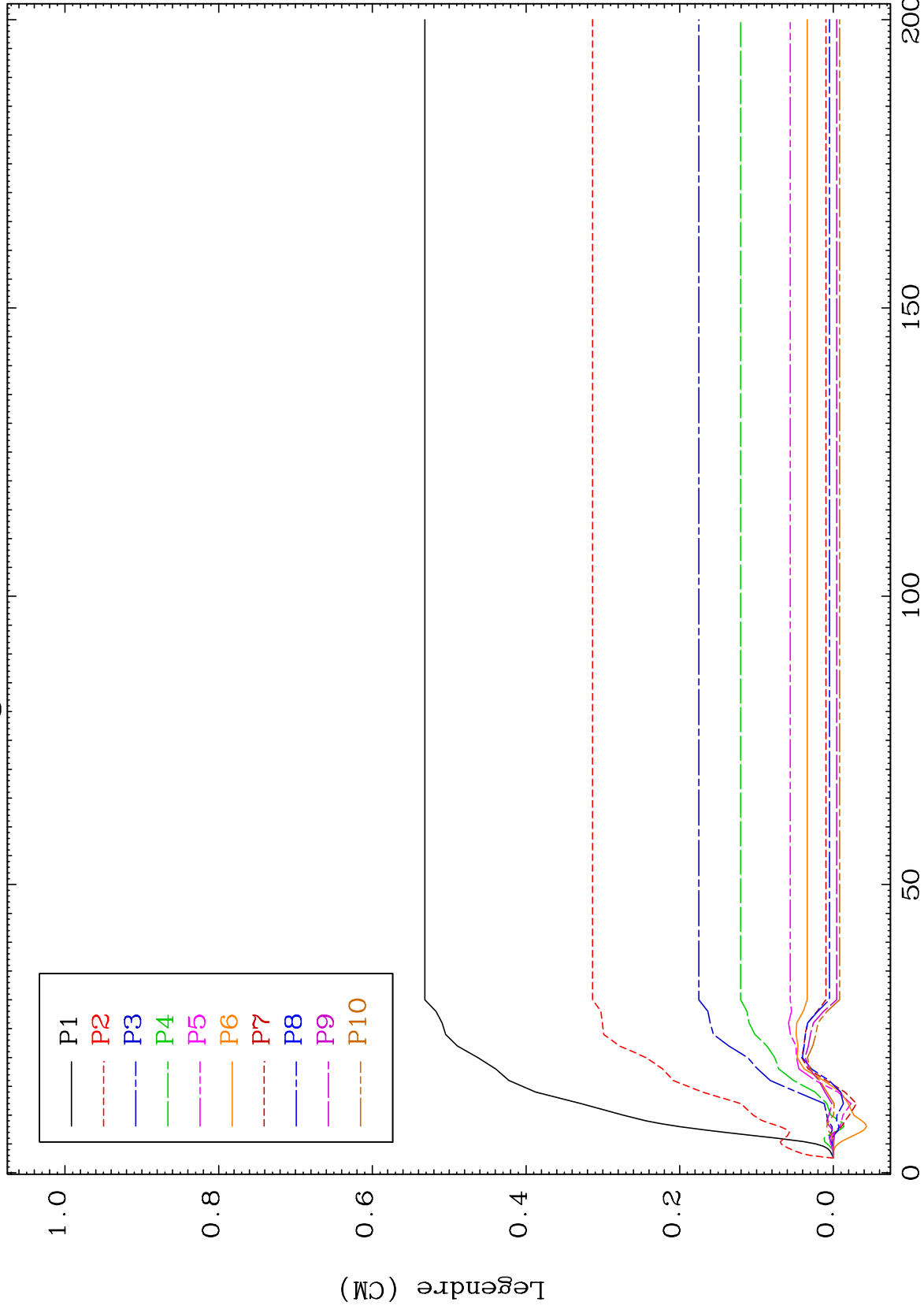
80-Hg-205



MAT 8052

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

80-Hg-205



81

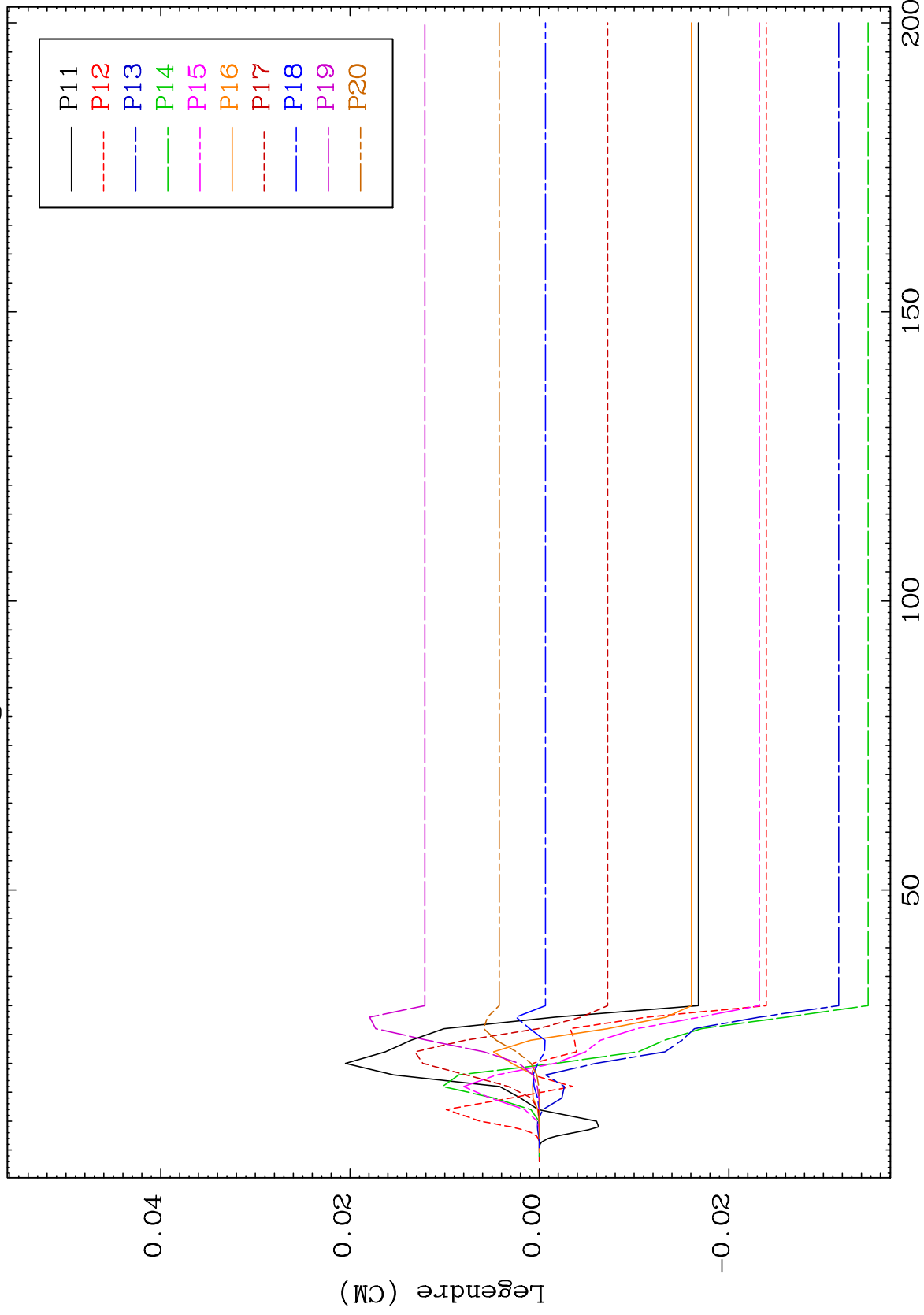
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

80-Hg-205



82

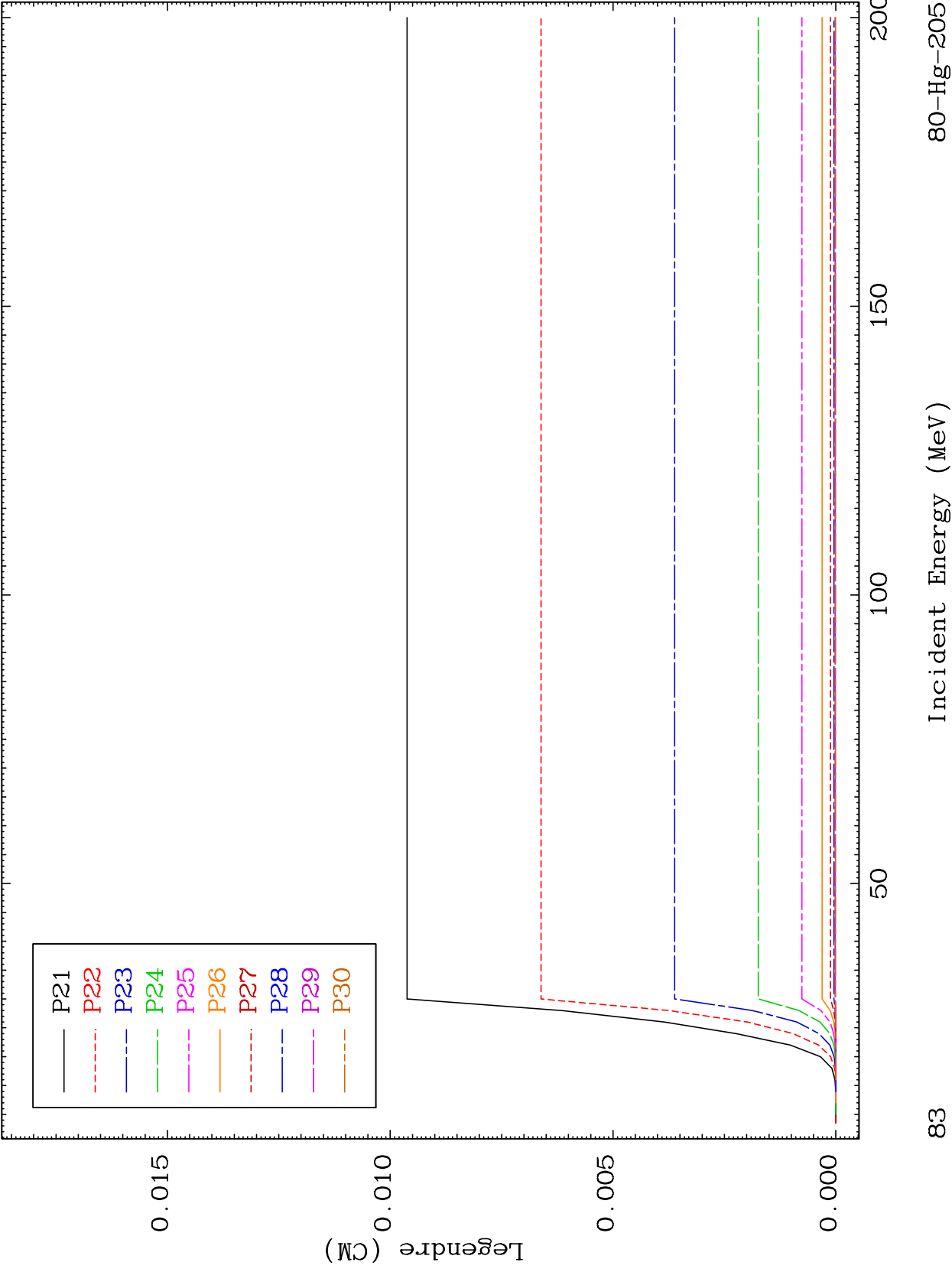
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

80-Hg-205



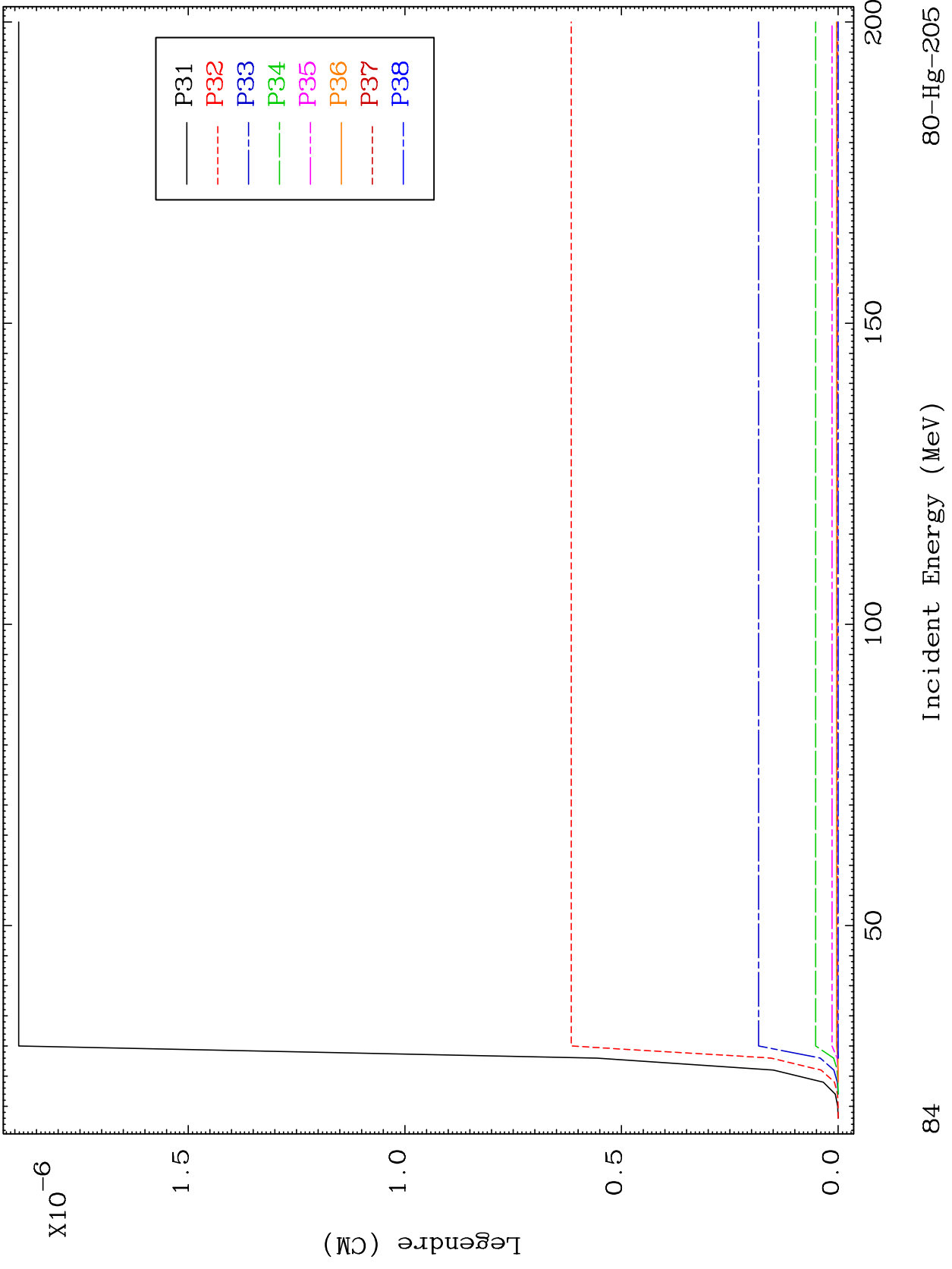
83

80-Hg-205

MAT 8052

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

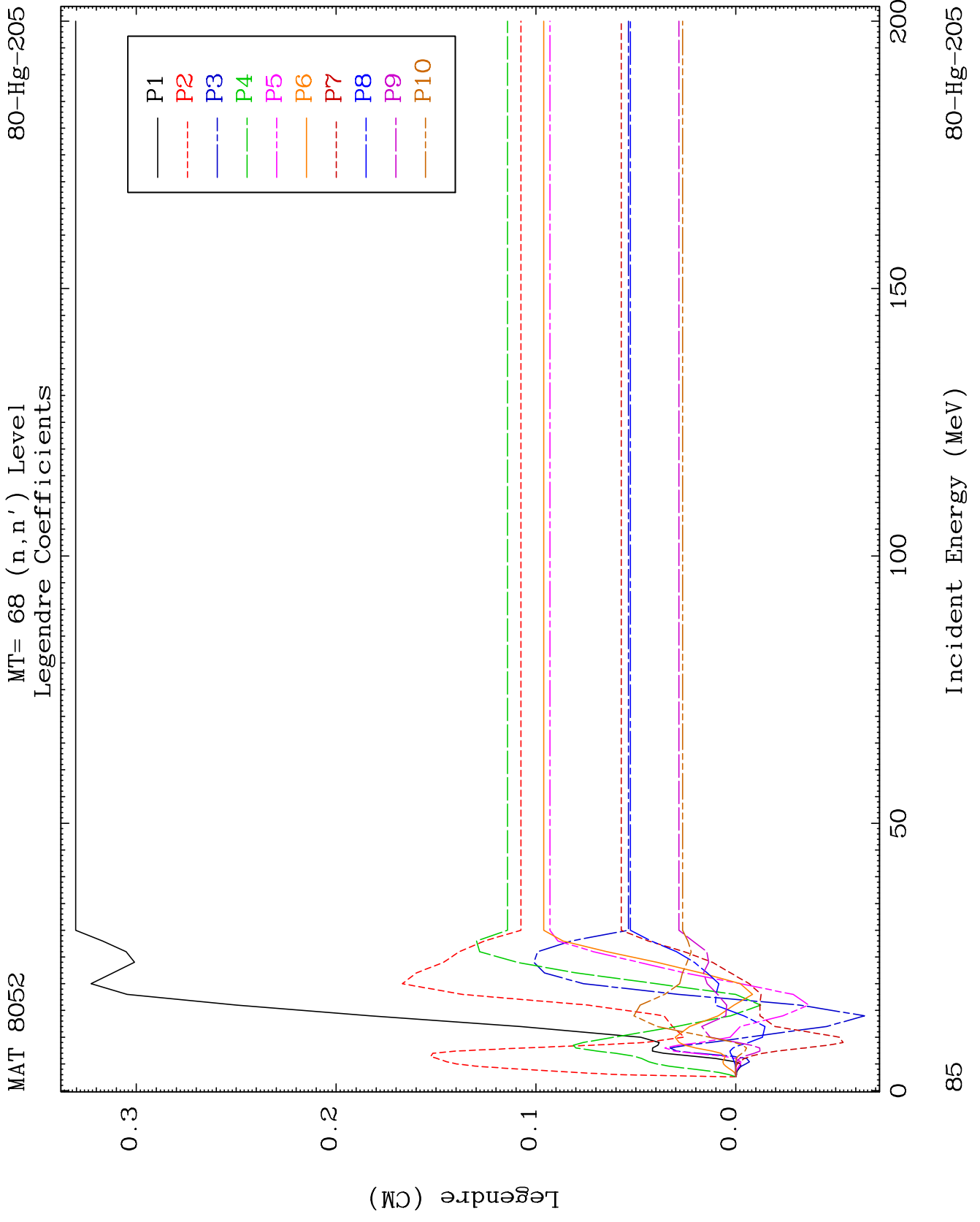
80-Hg-205



84

Incident Energy (MeV)

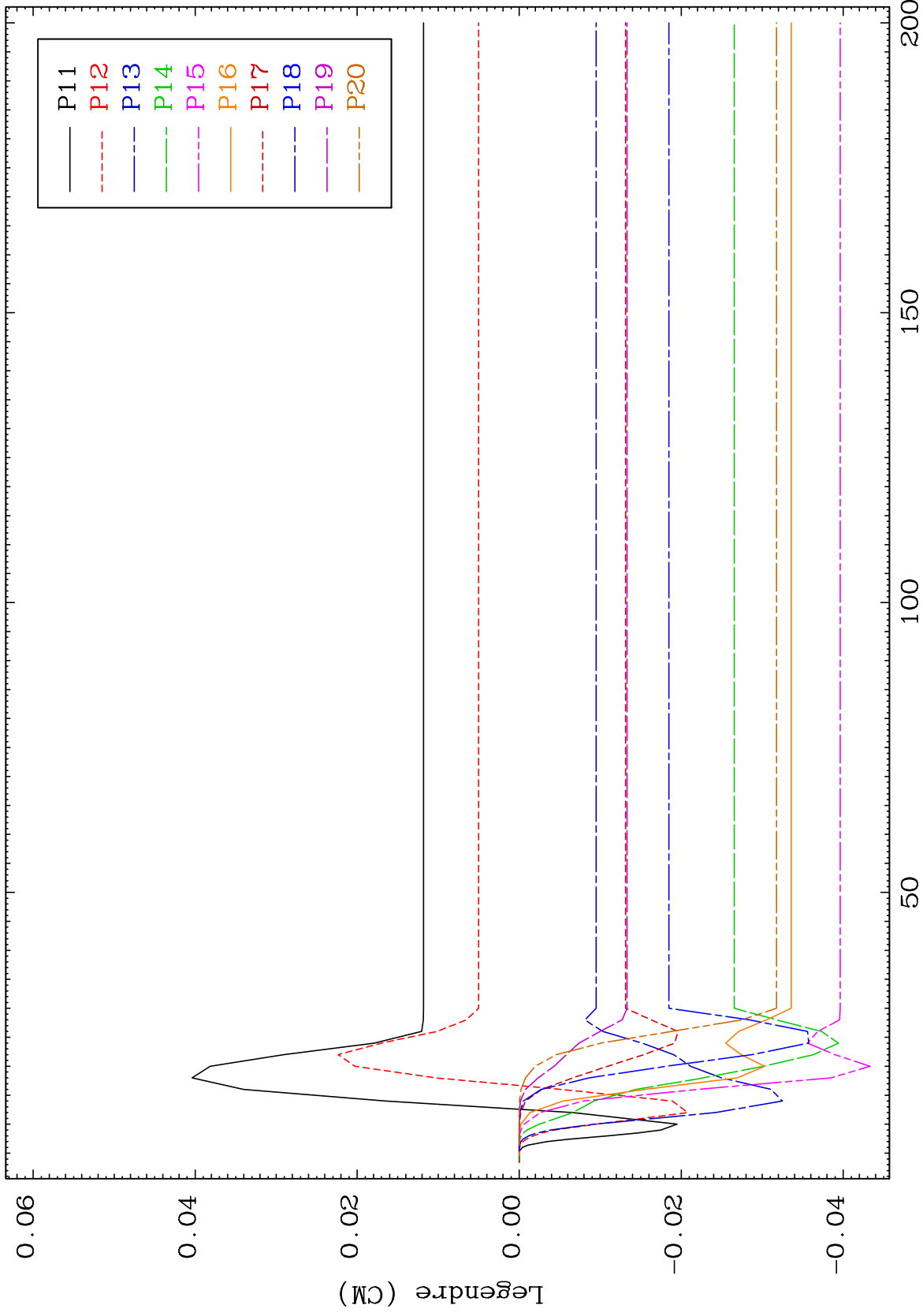
80-Hg-205



MAT 8052

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

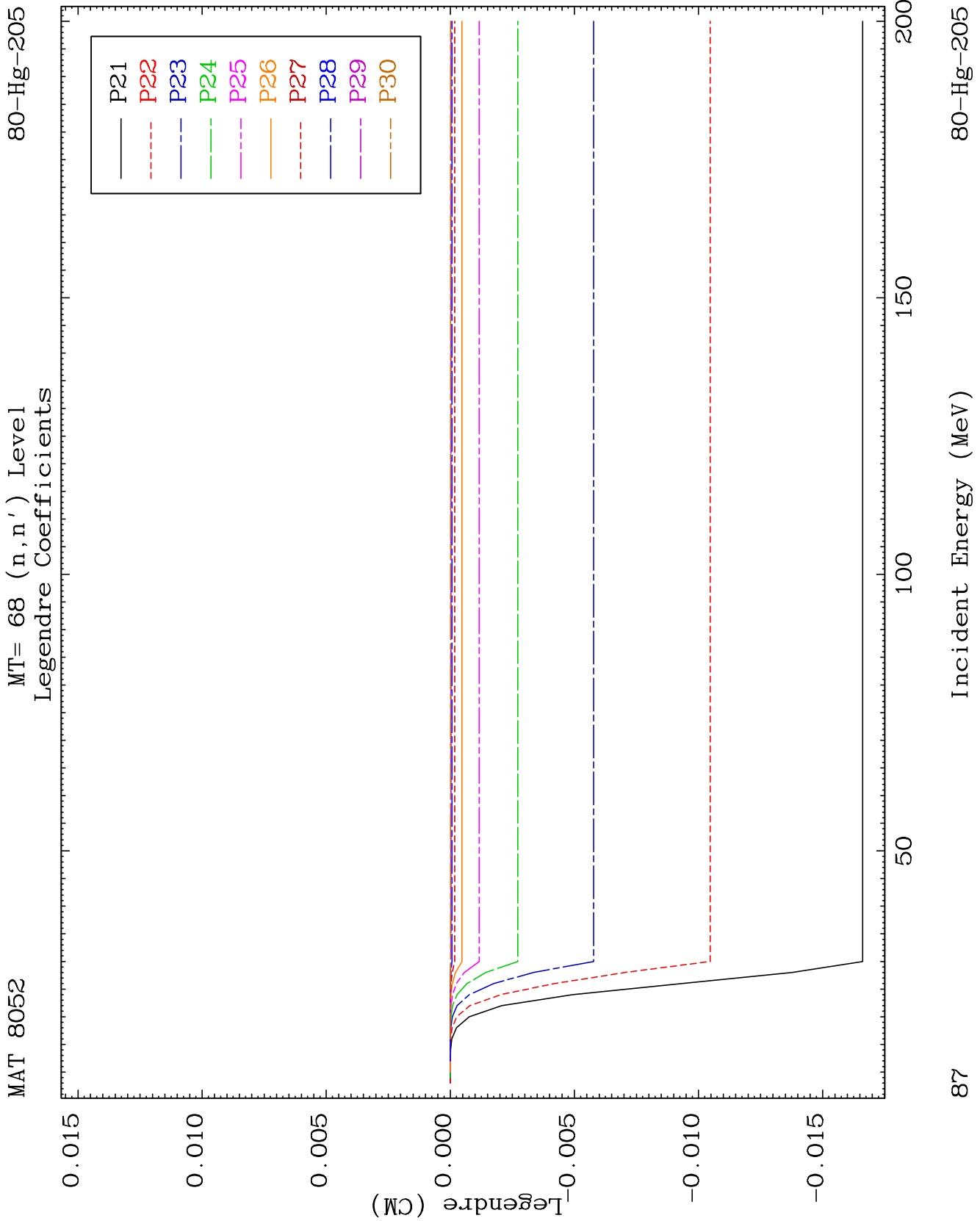
80-Hg-205



86

Incident Energy (MeV)

80-Hg-205

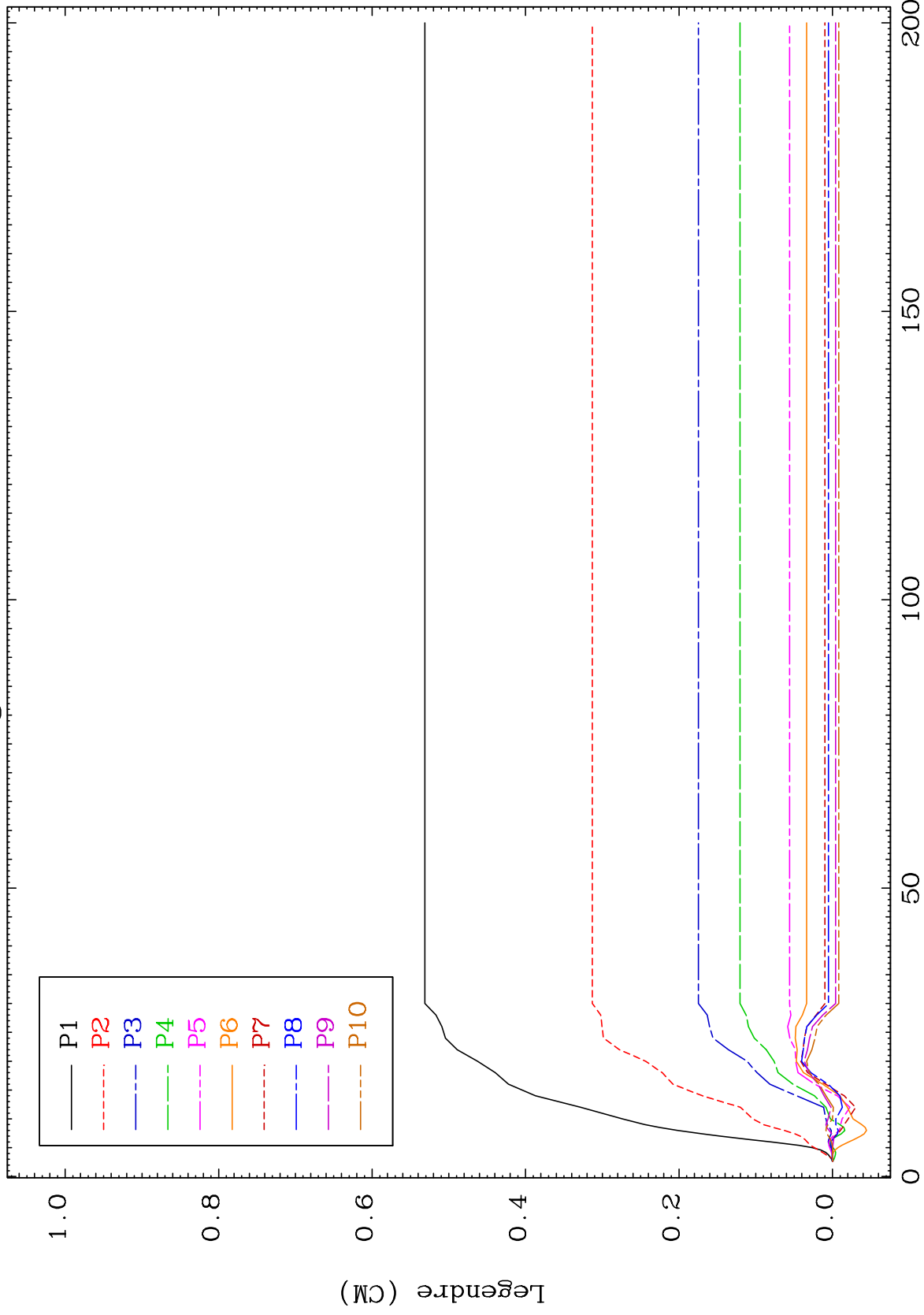




MAT 8052

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

80-Hg-205



89

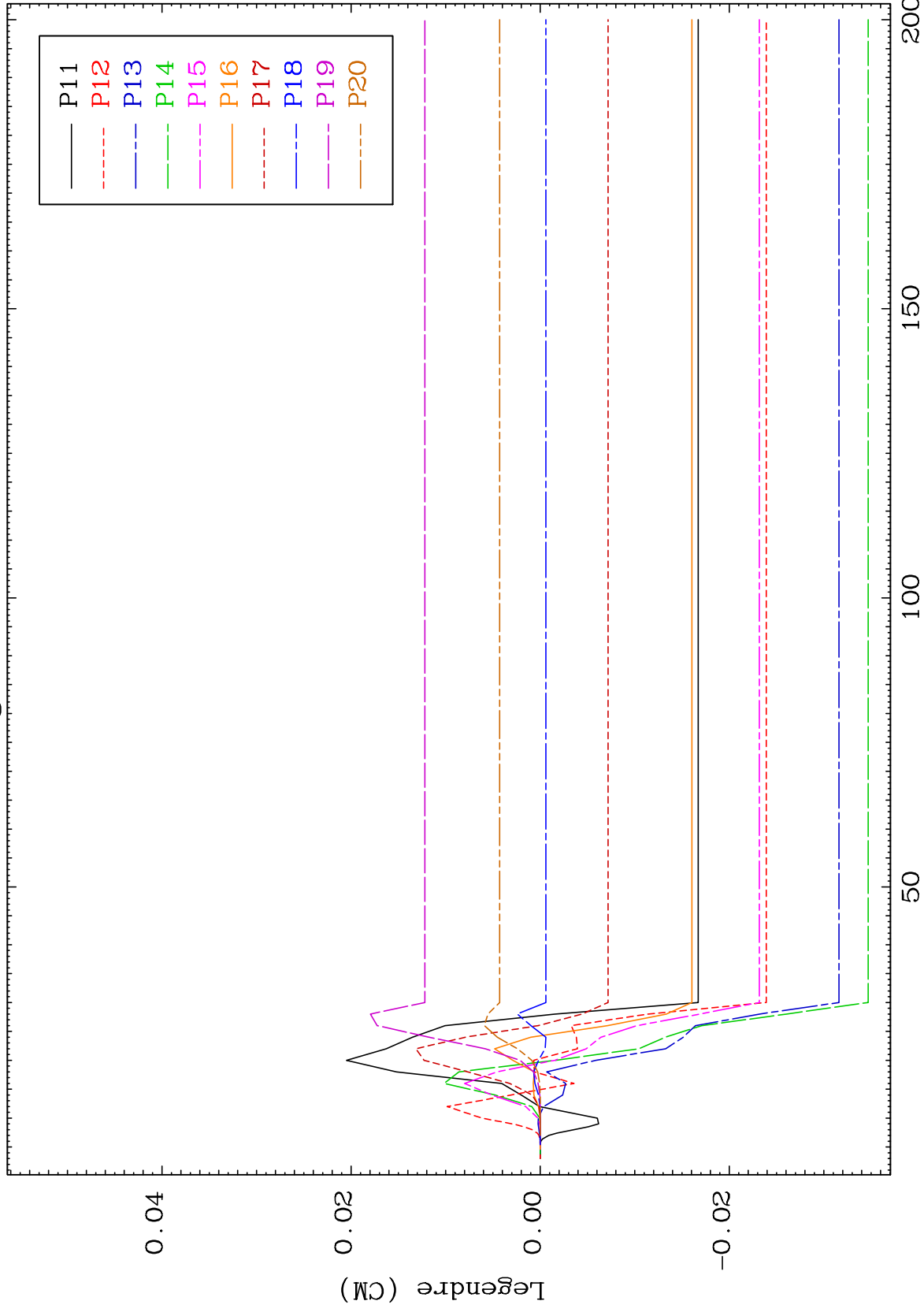
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

80-Hg-205



90

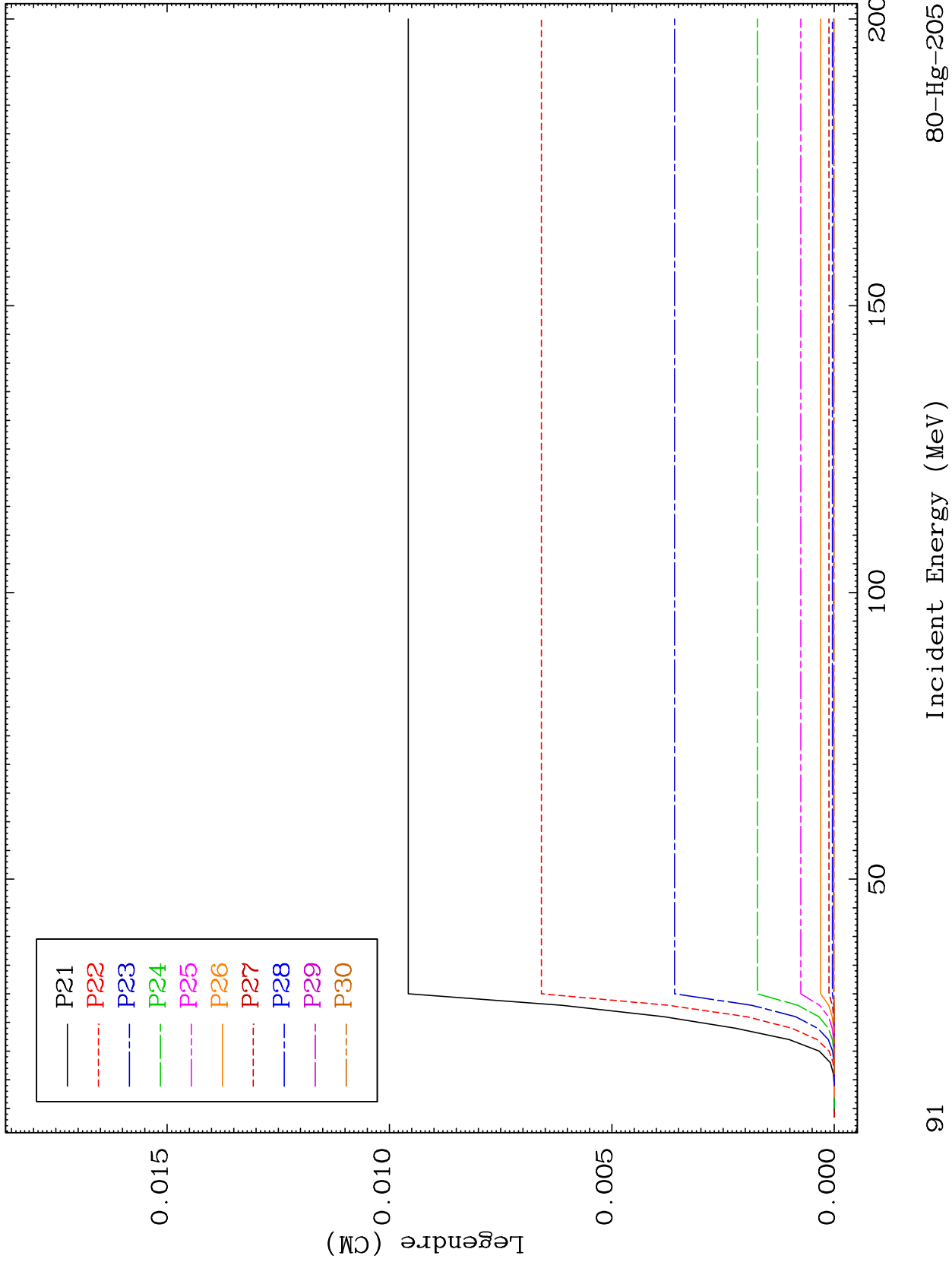
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

80-Hg-205

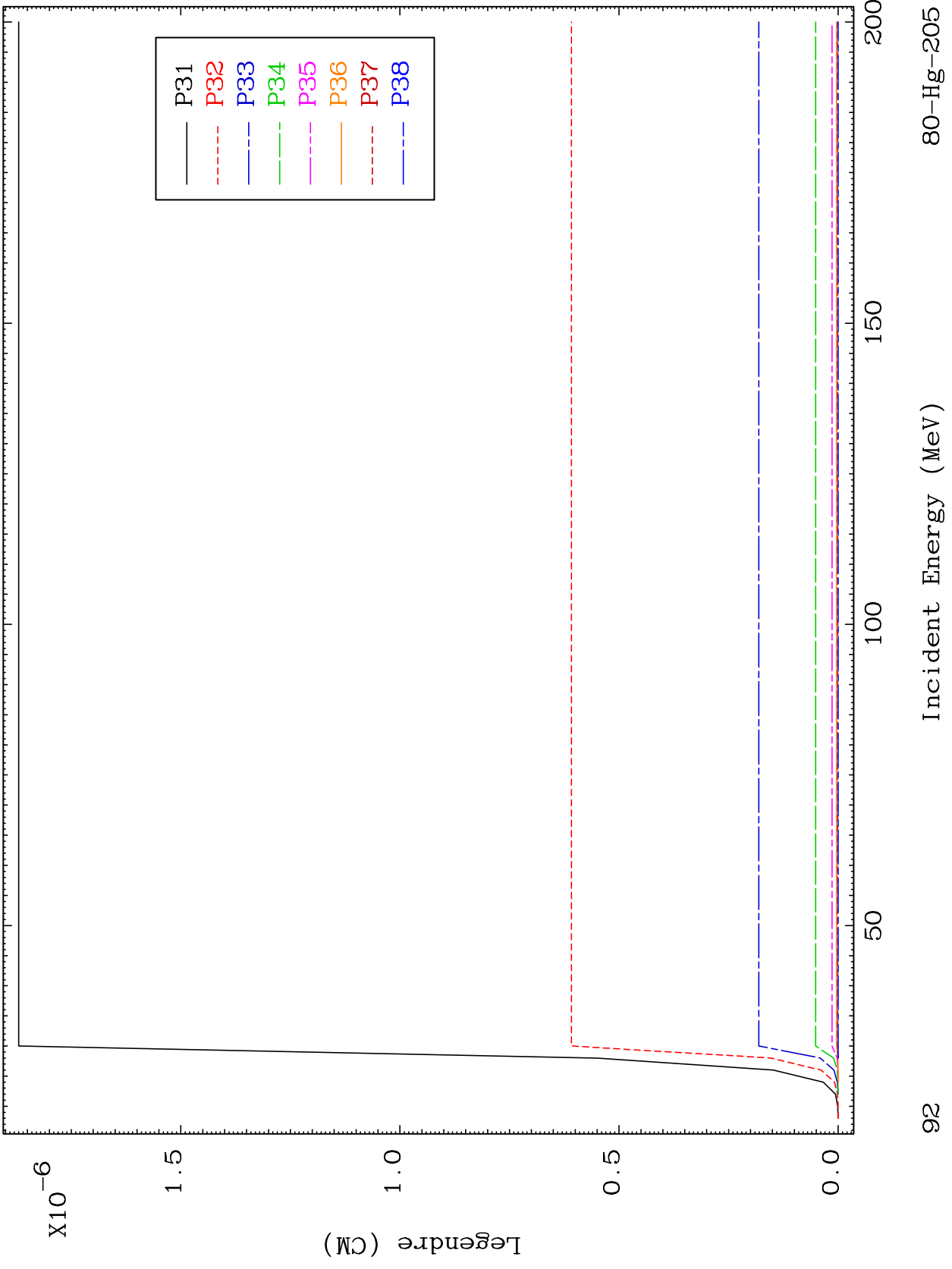


91

MAT 8052

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

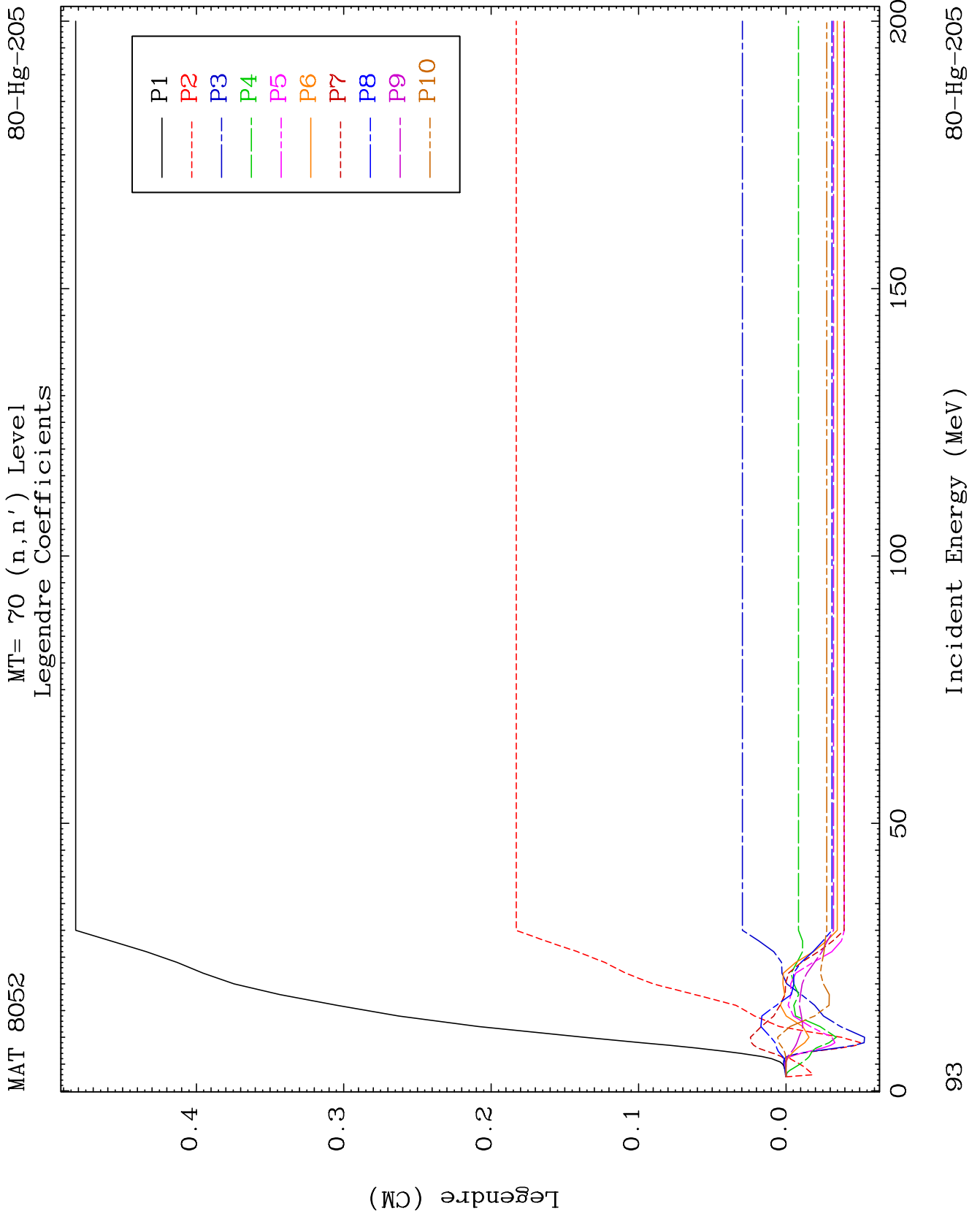
80-Hg-205



92

Incident Energy (MeV)

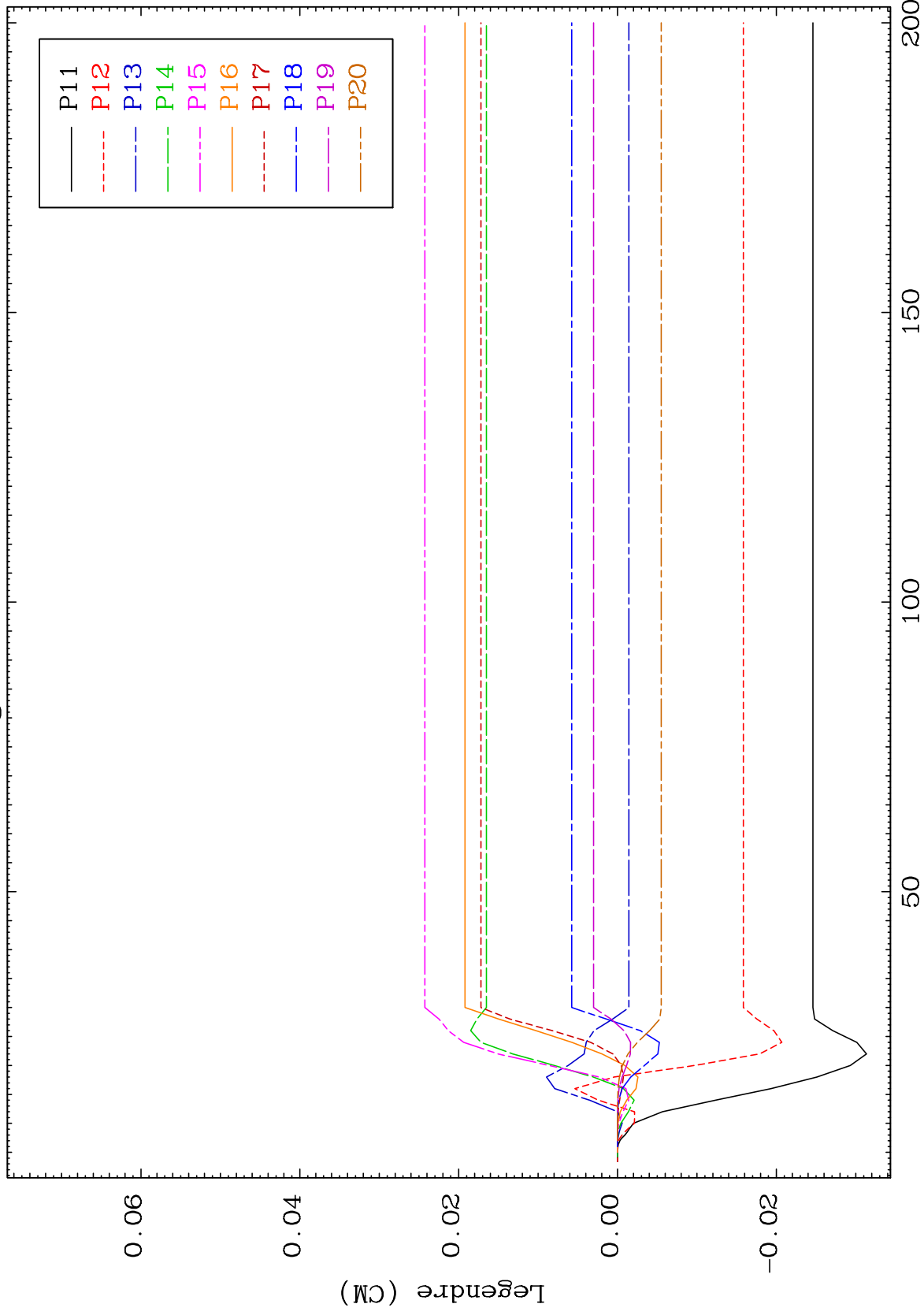
80-Hg-205



MAT 8052

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

80-Hg-205



94

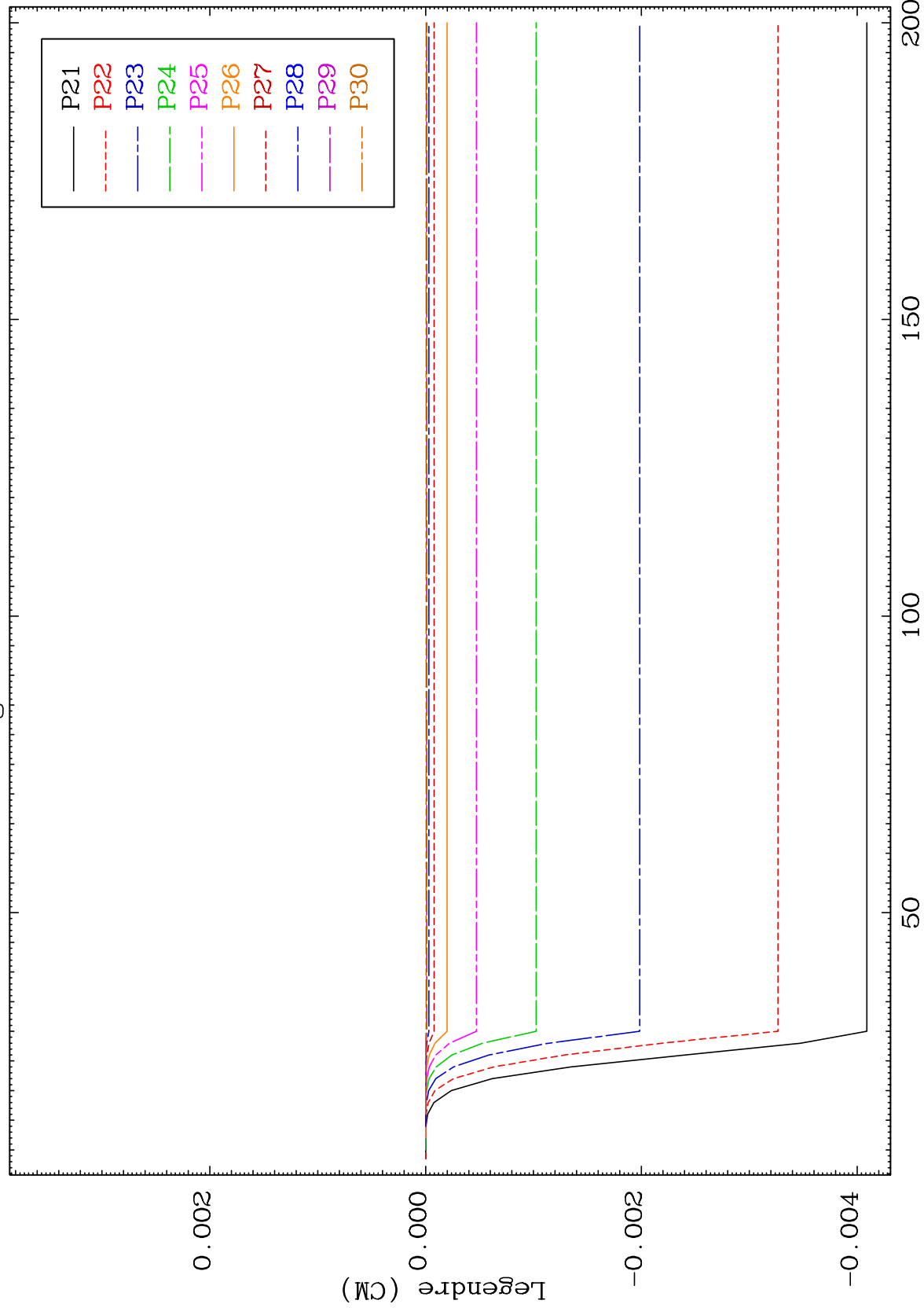
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

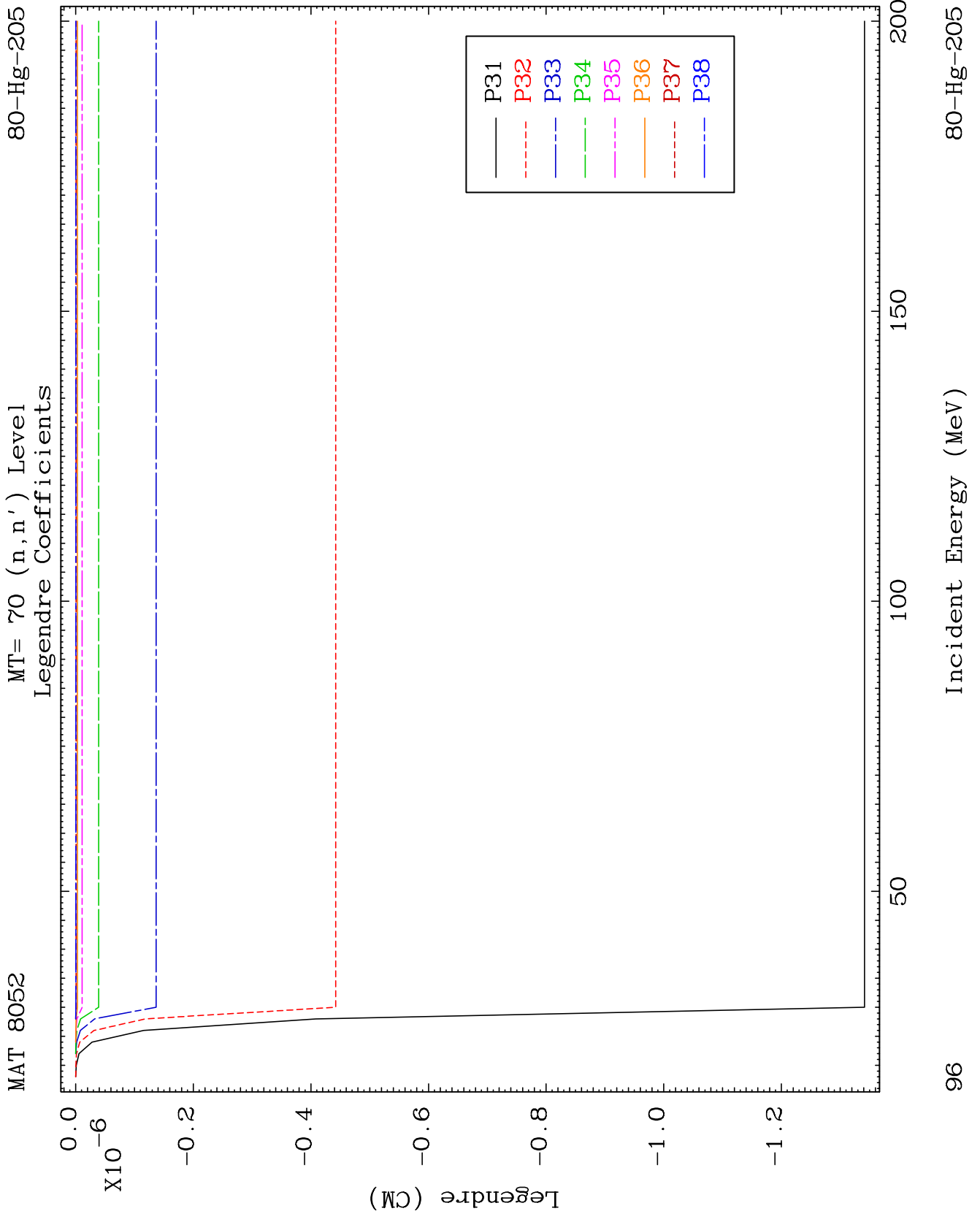
80-Hg-205



95

Incident Energy (MeV)

80-Hg-205

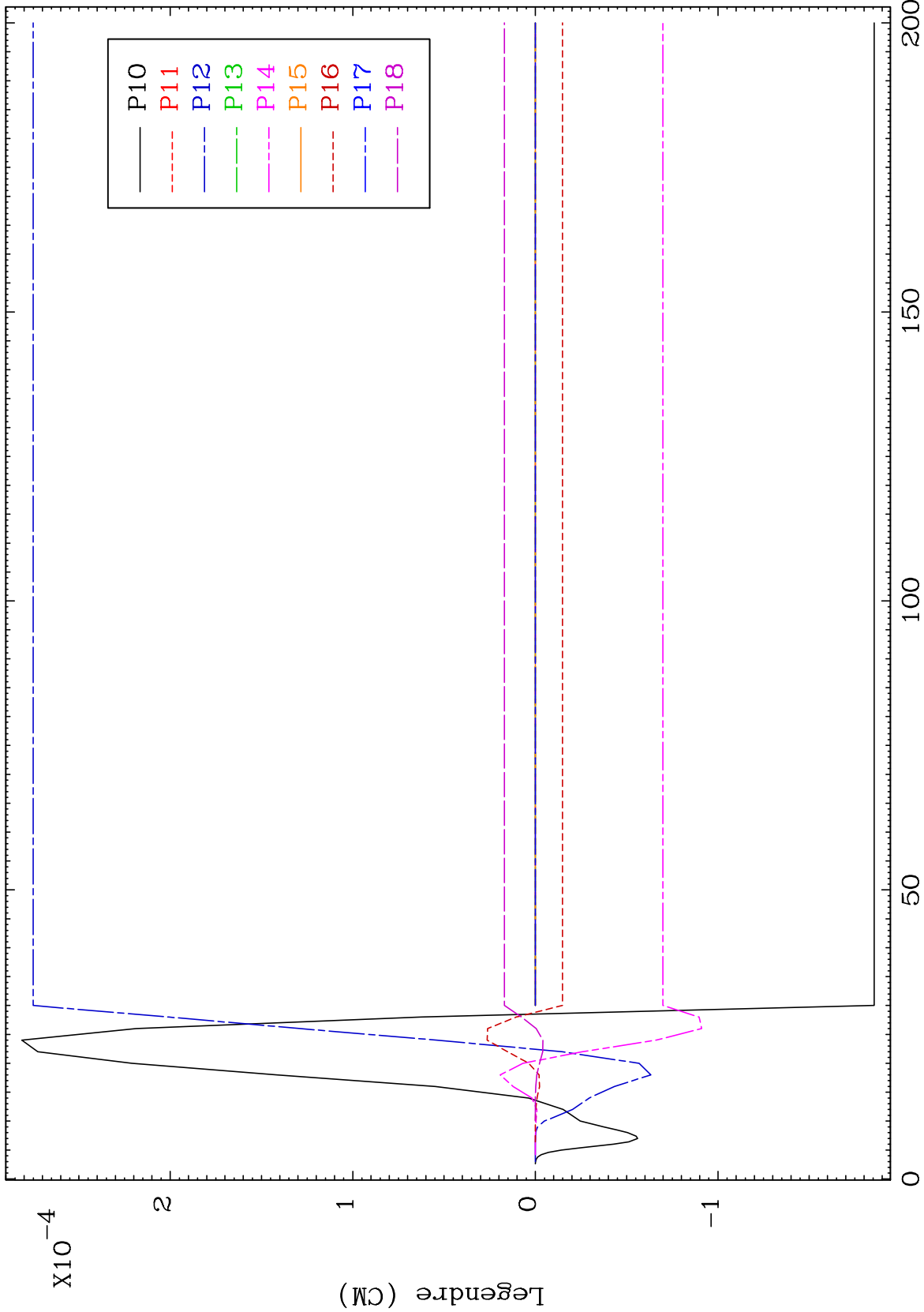




MAT 8052

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

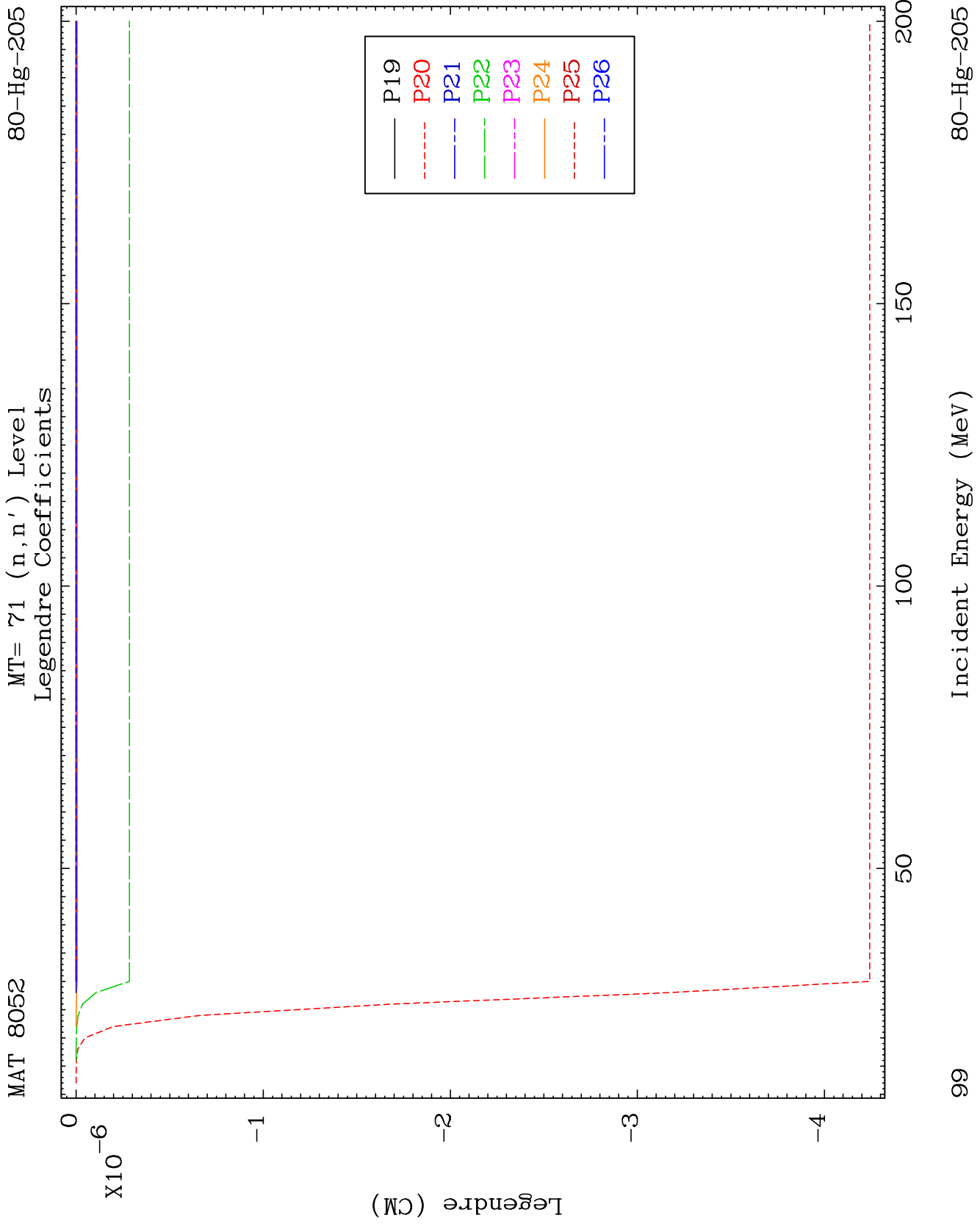
80-Hg-205



98

Incident Energy (MeV)

80-Hg-205

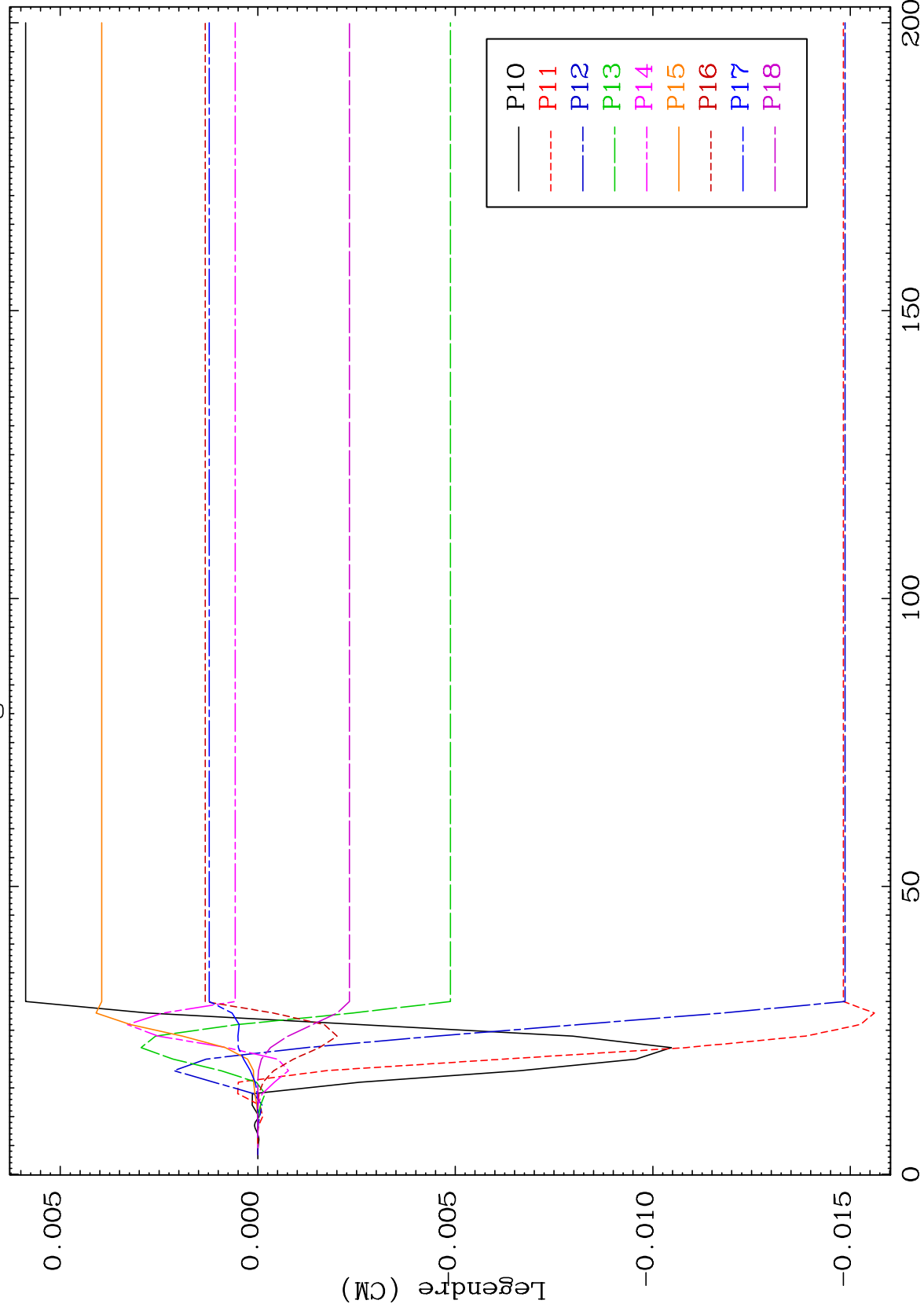




MAT 8052

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

80-Hg-205



101

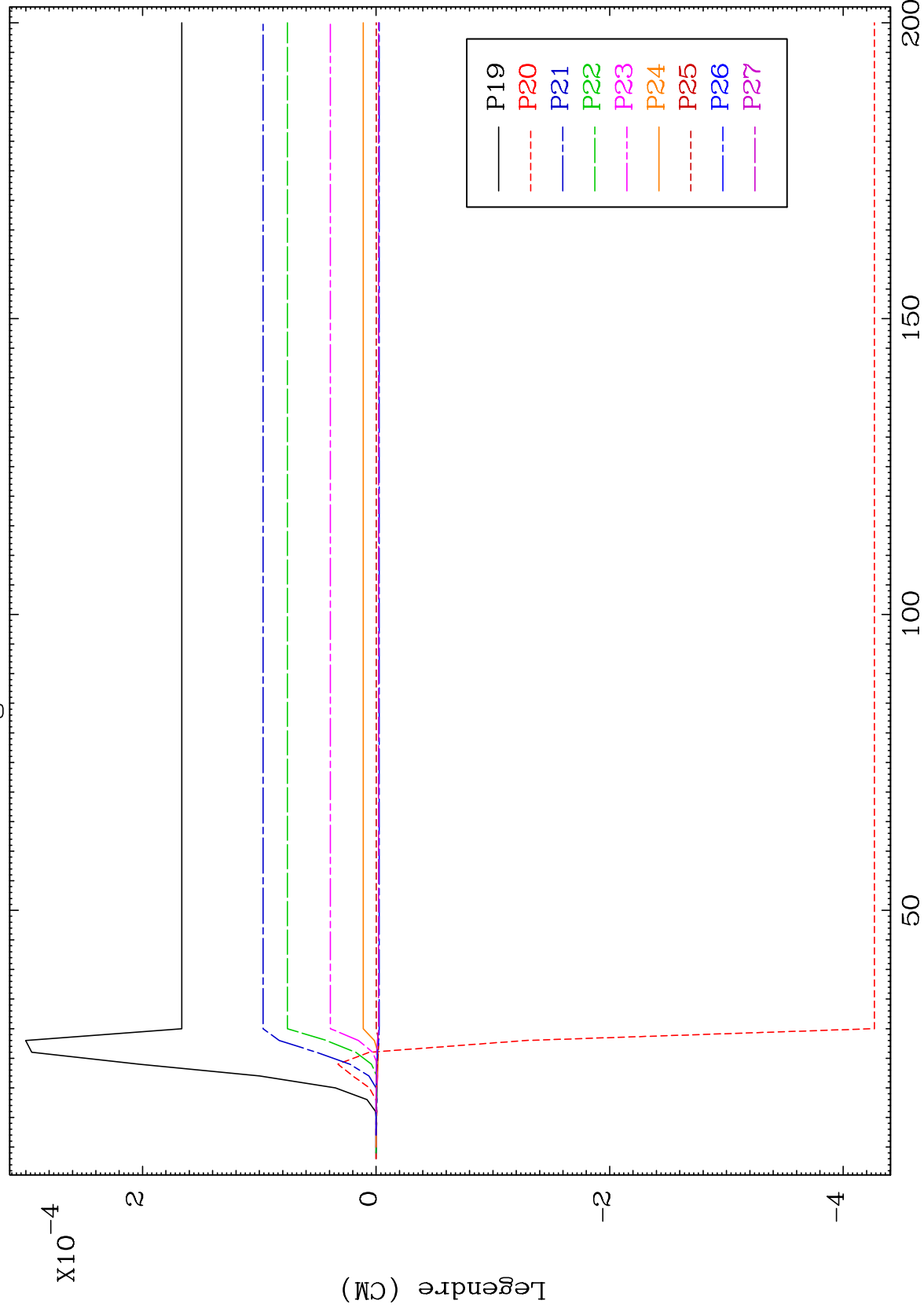
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

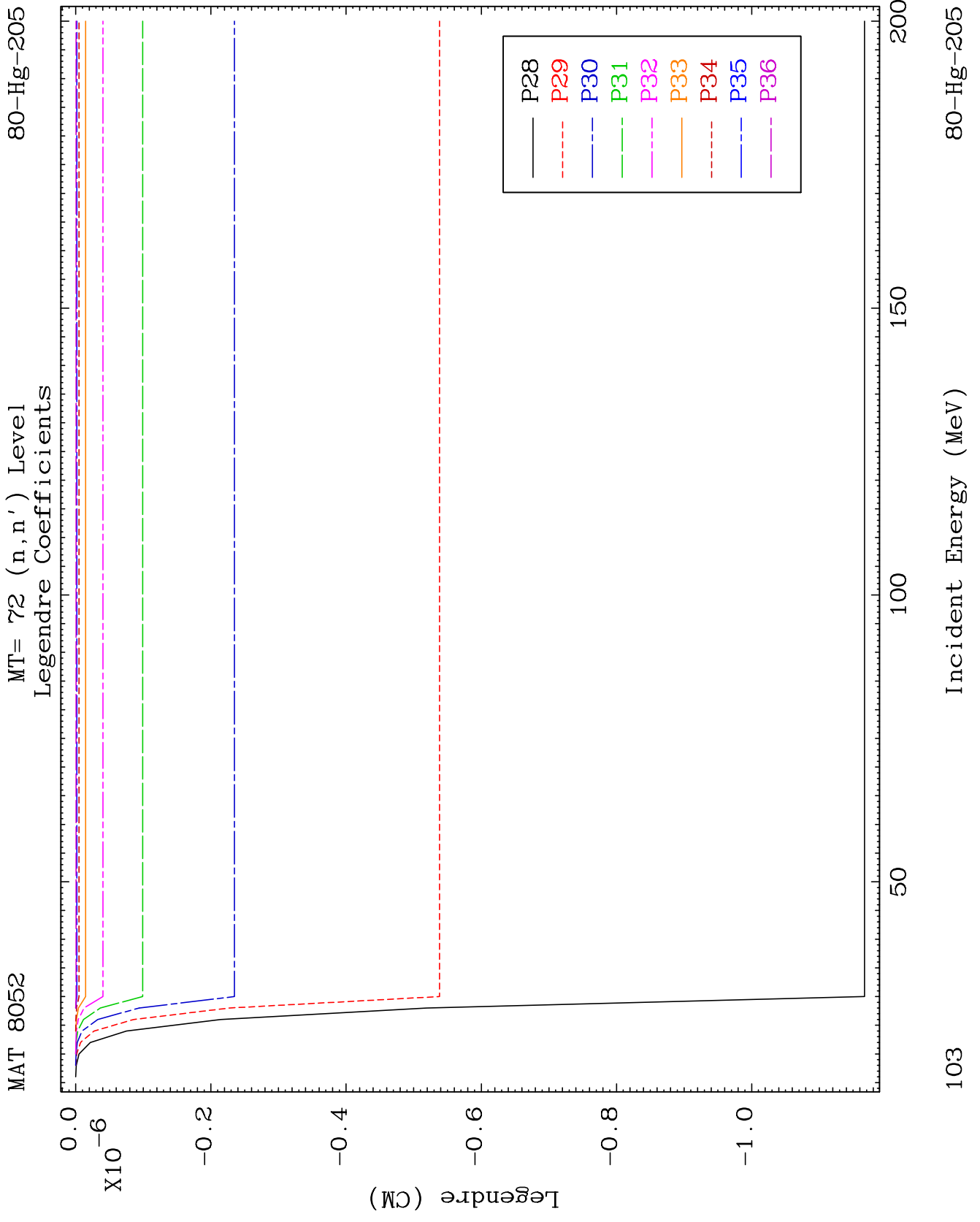
80-Hg-205



102

Incident Energy (MeV)

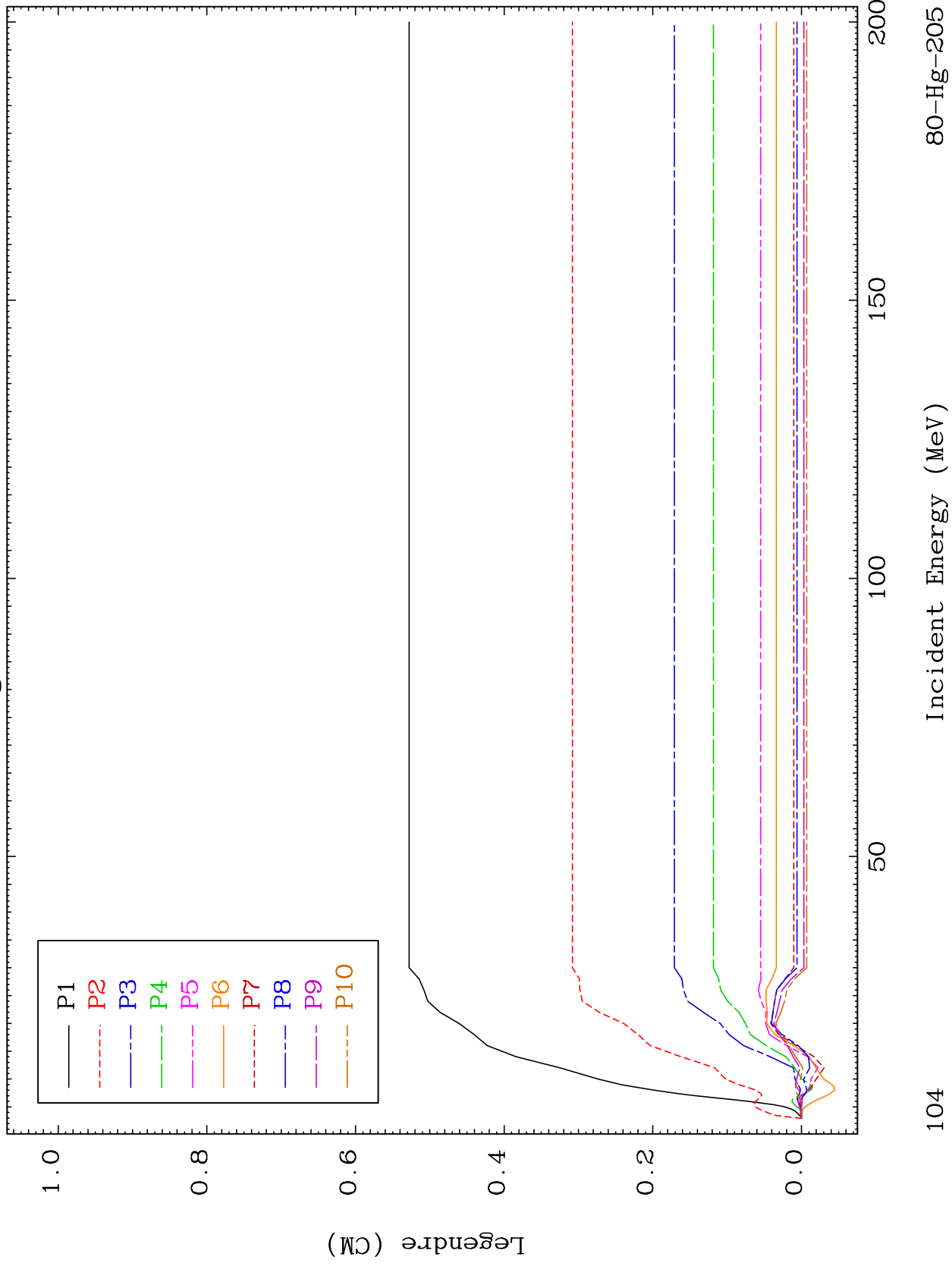
80-Hg-205



MAT 8052

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

80-Hg-205



104

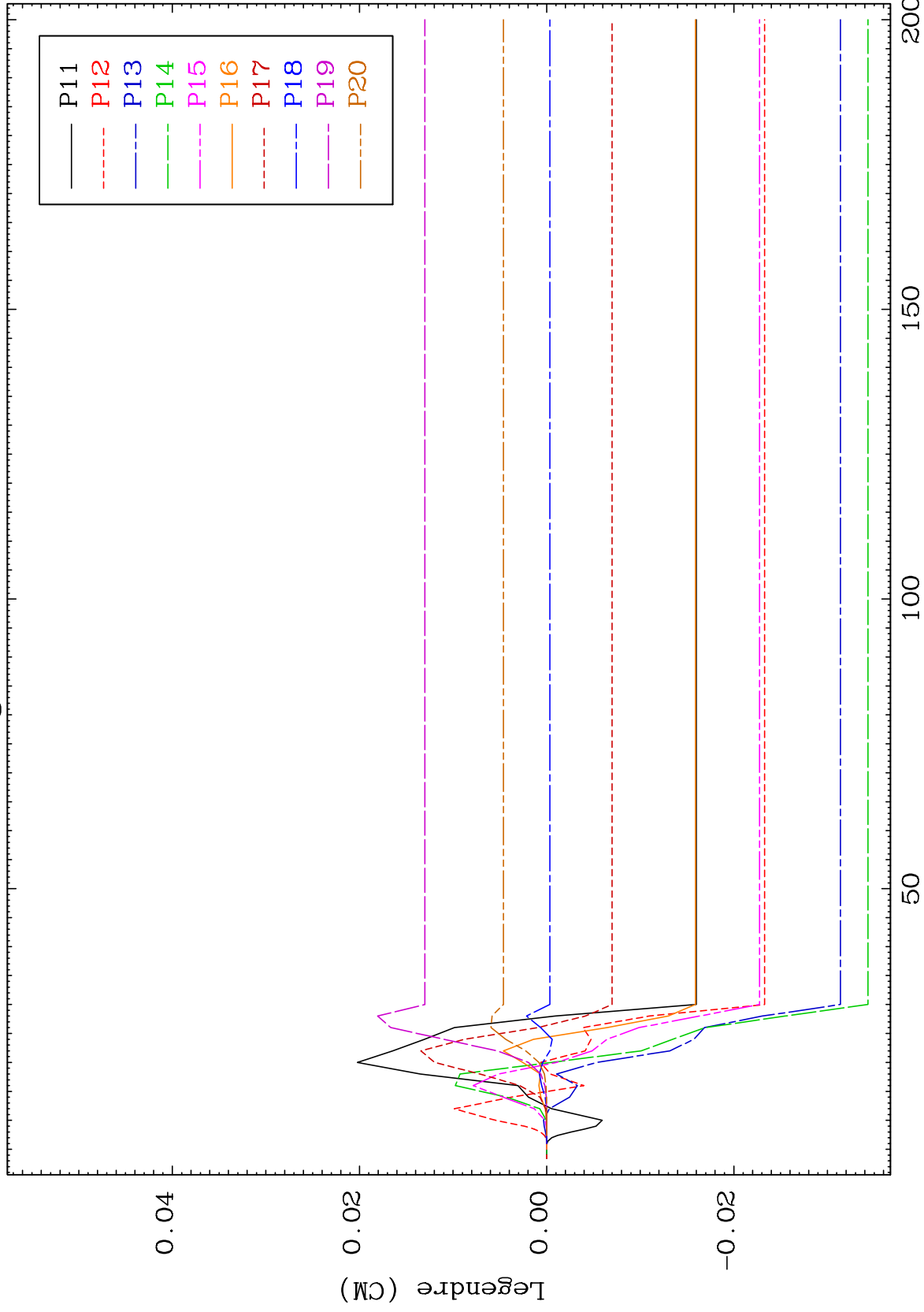
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

80-Hg-205



105

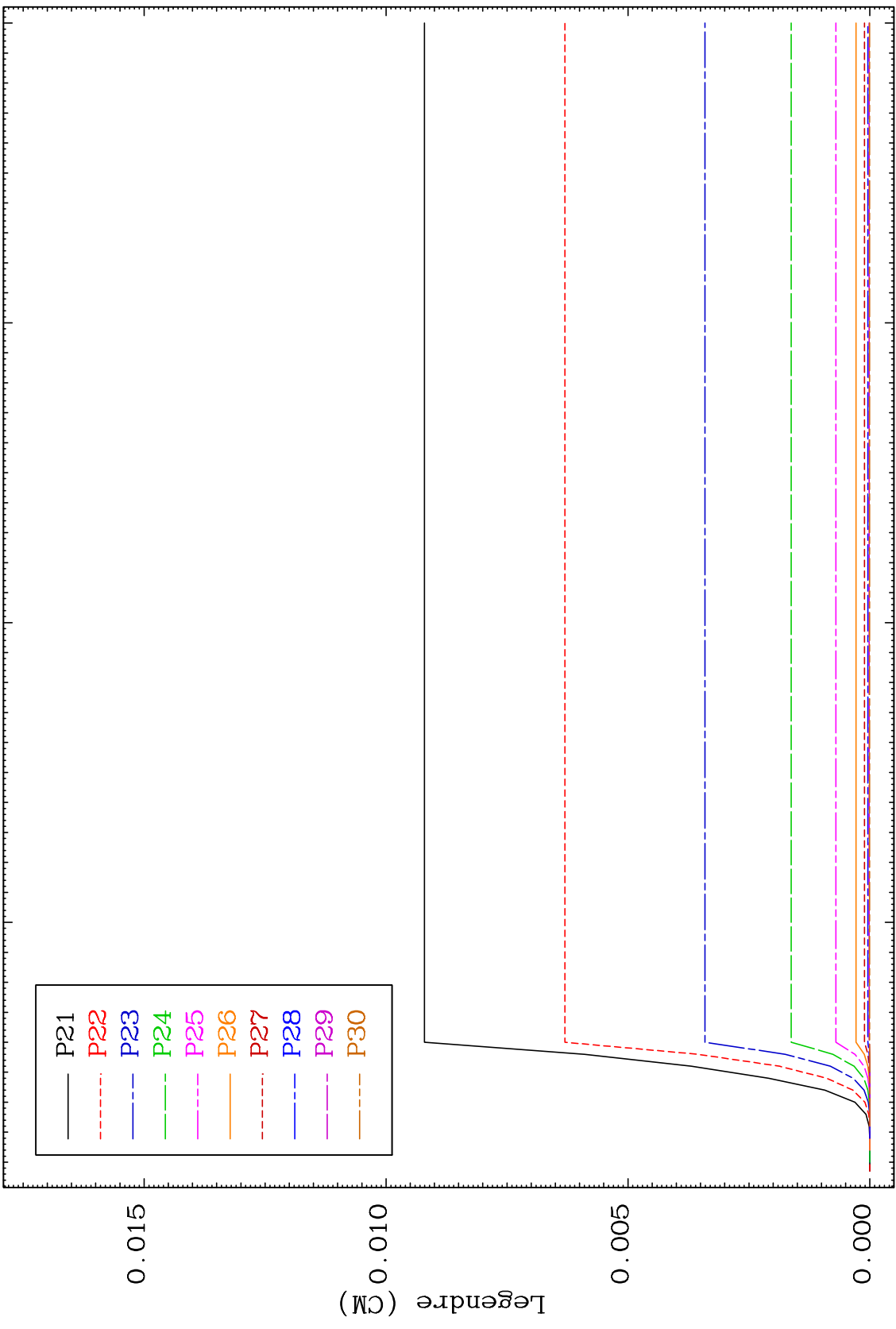
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

80-Hg-205



106

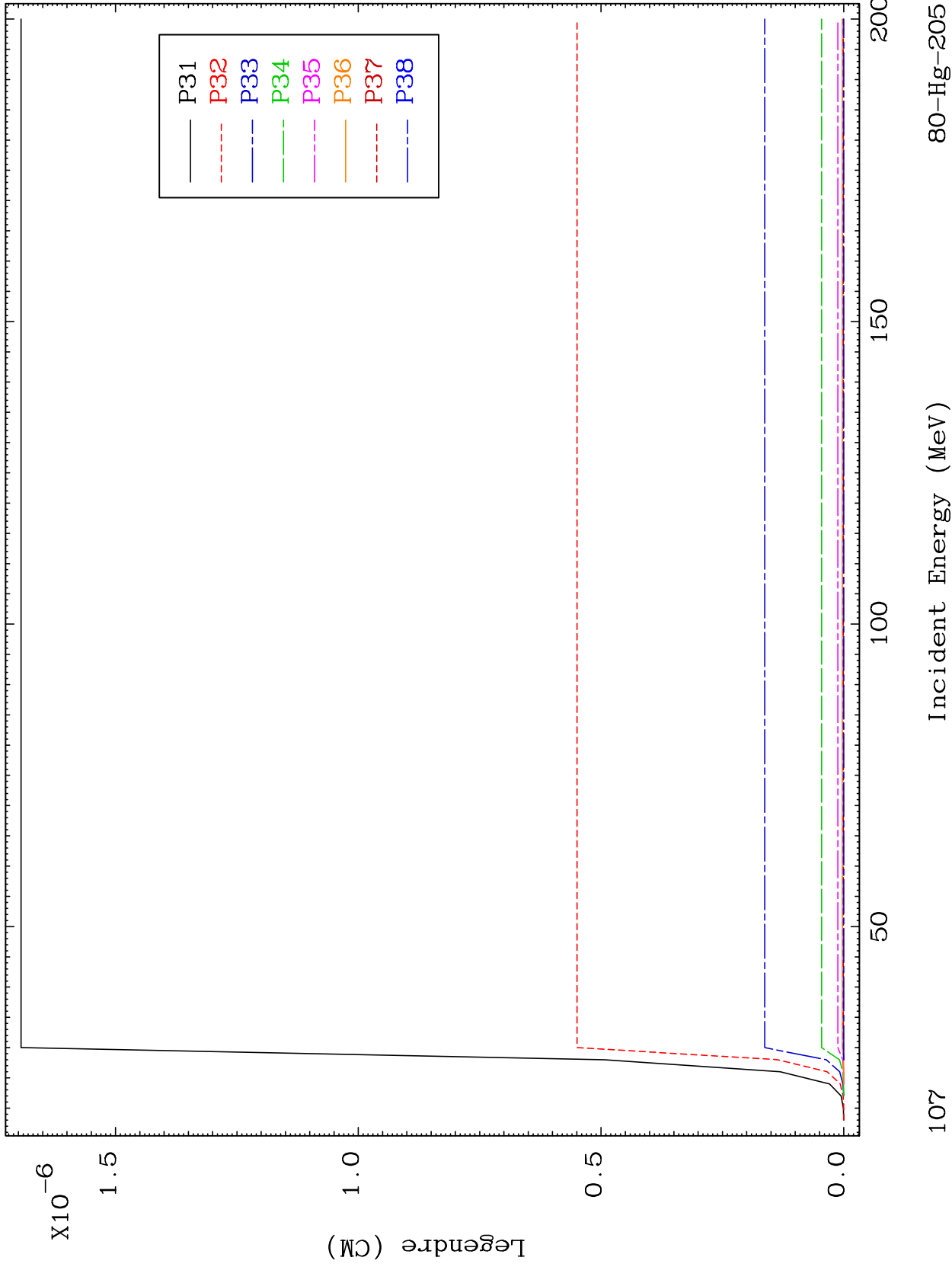
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

80-Hg-205



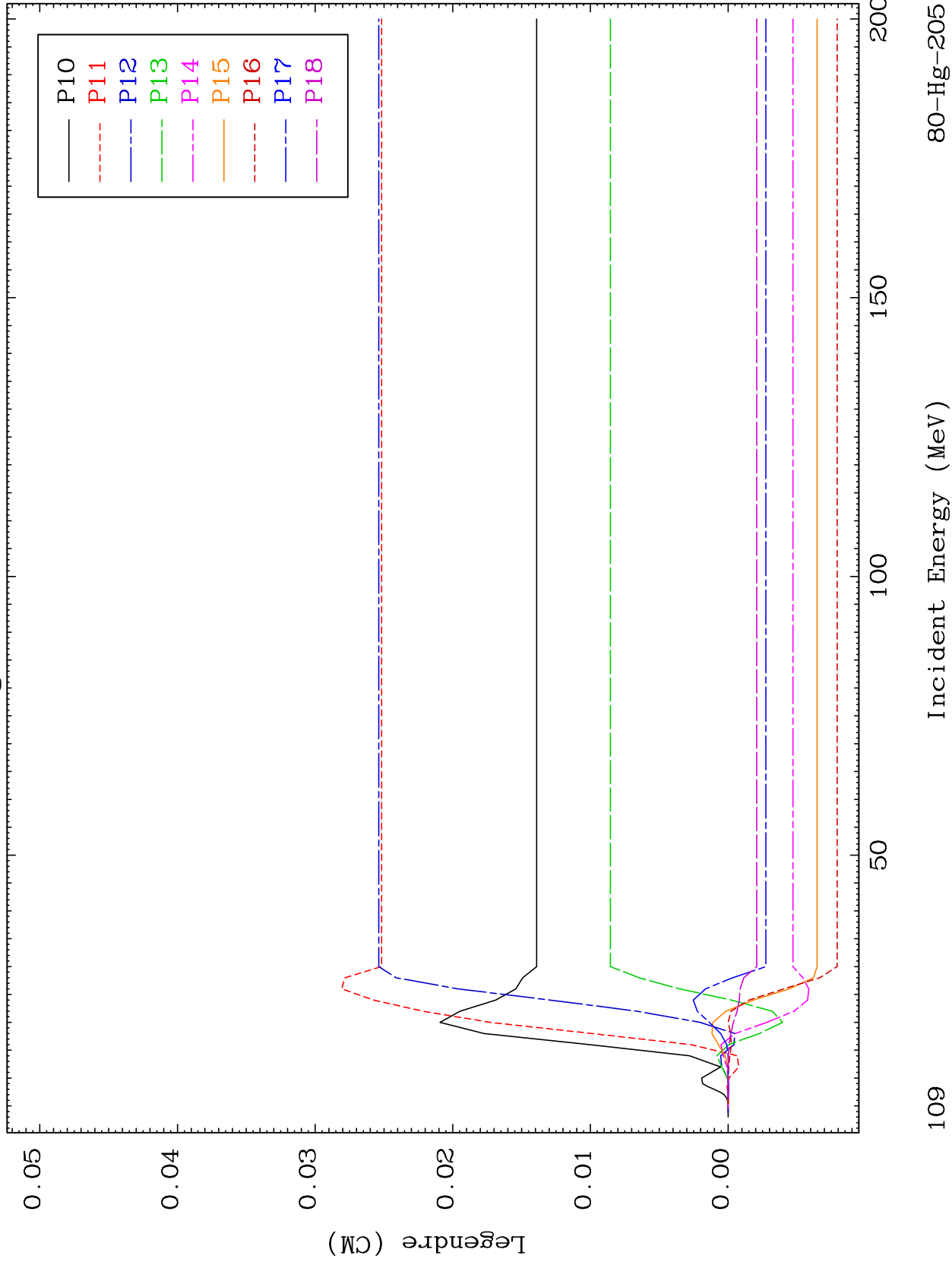
107



MAT 8052

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

80-Hg-205



109

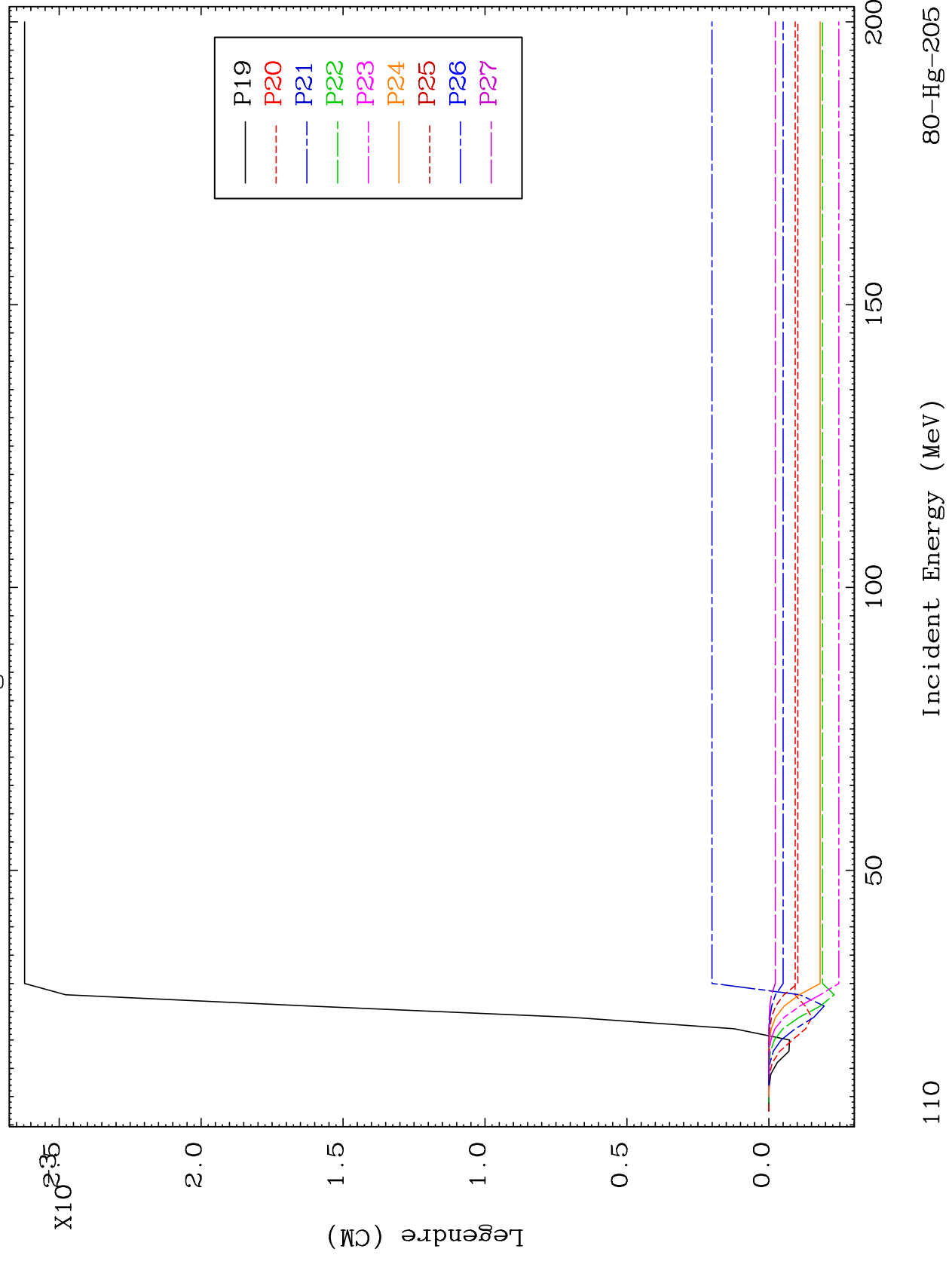
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

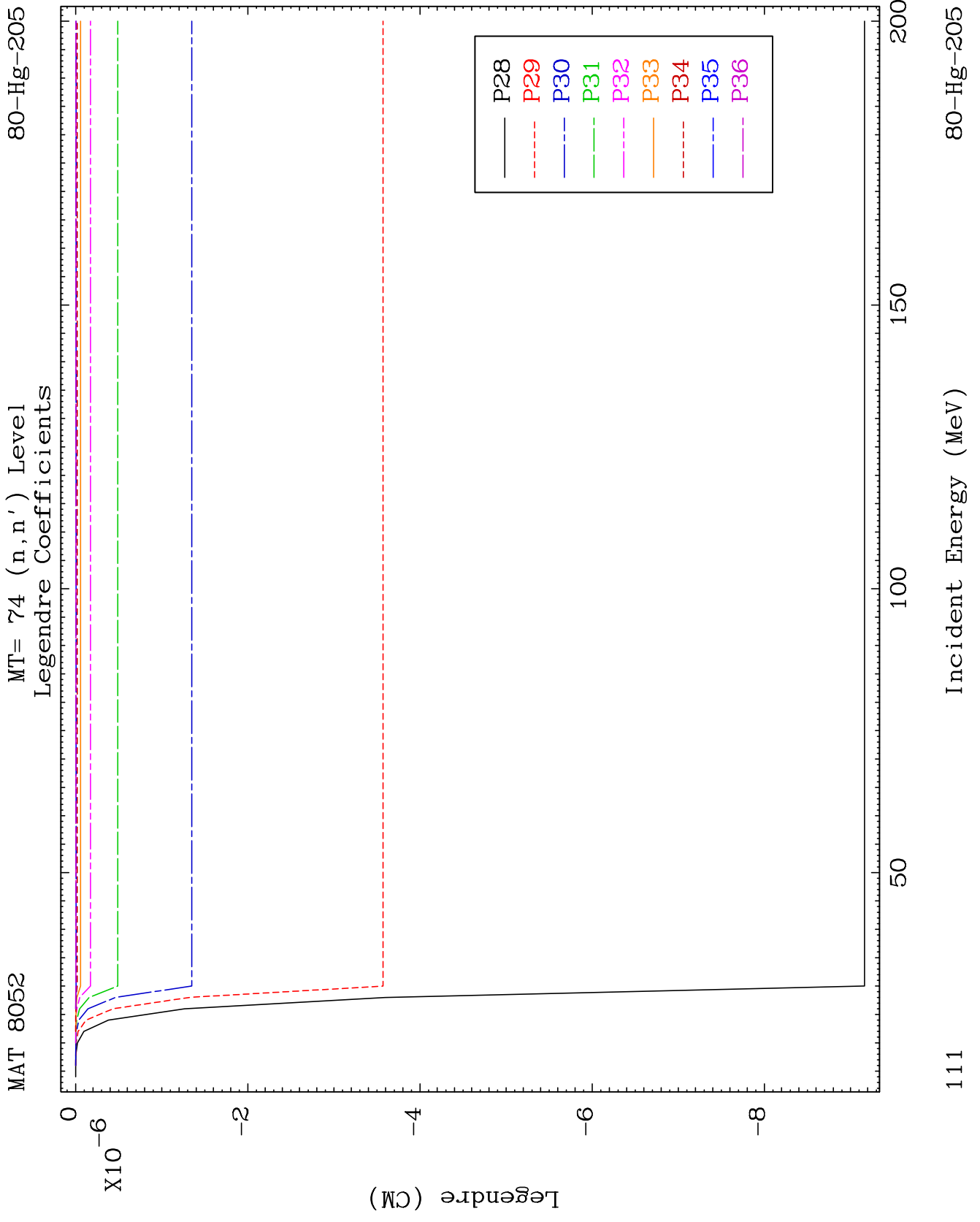
80-Hg-205

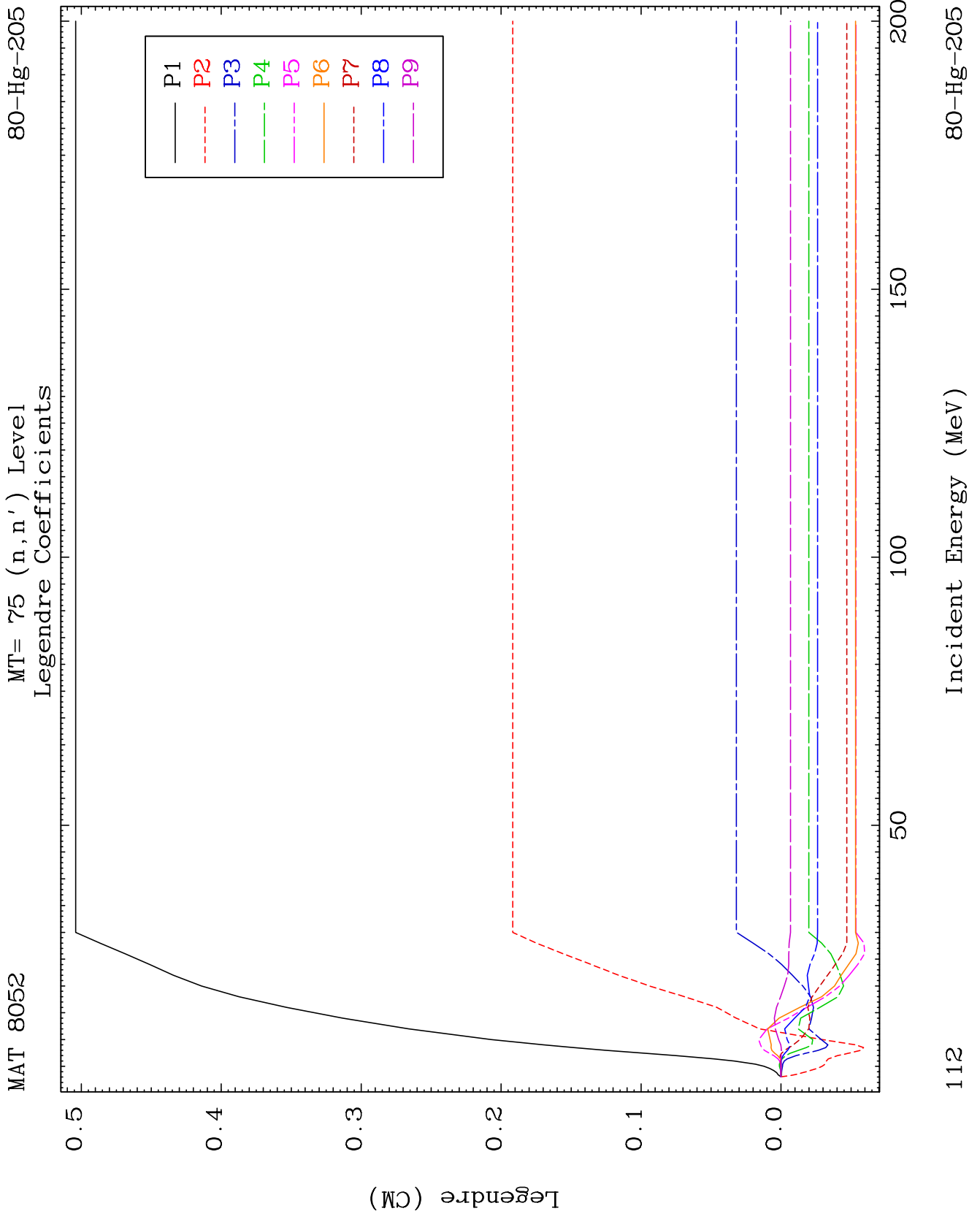


110

Incident Energy (MeV)

80-Hg-205

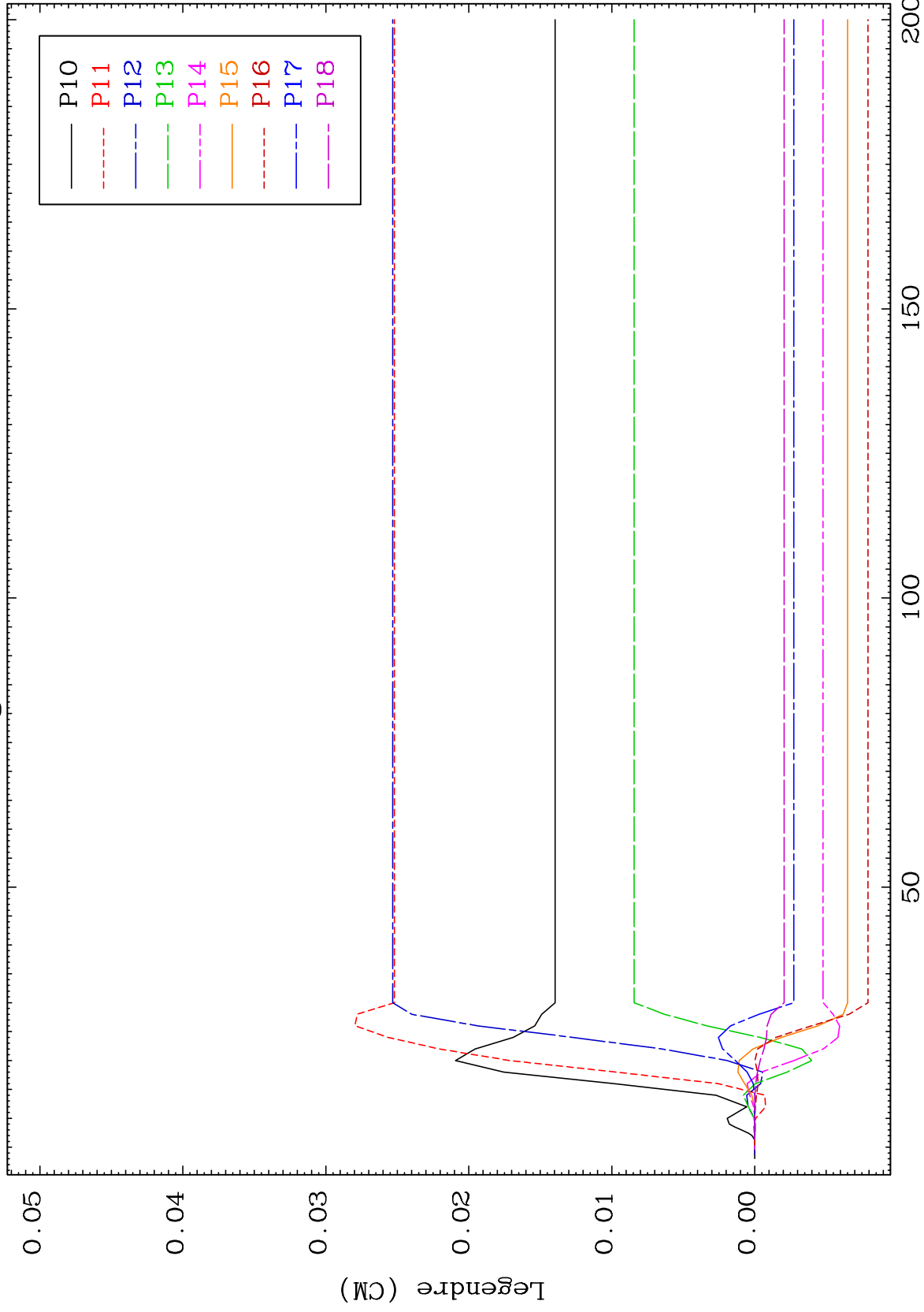




MAT 8052

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

80-Hg-205



113

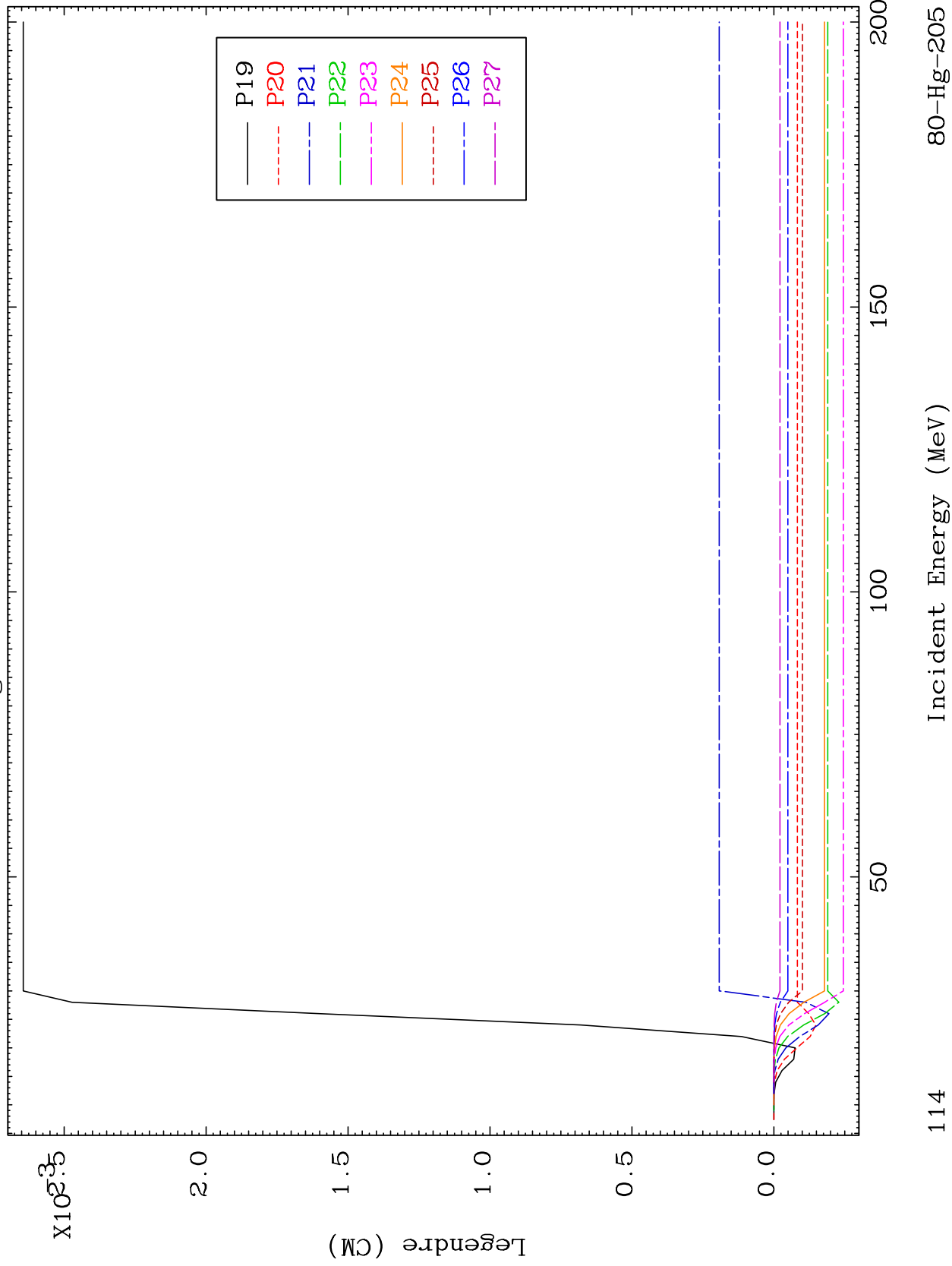
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

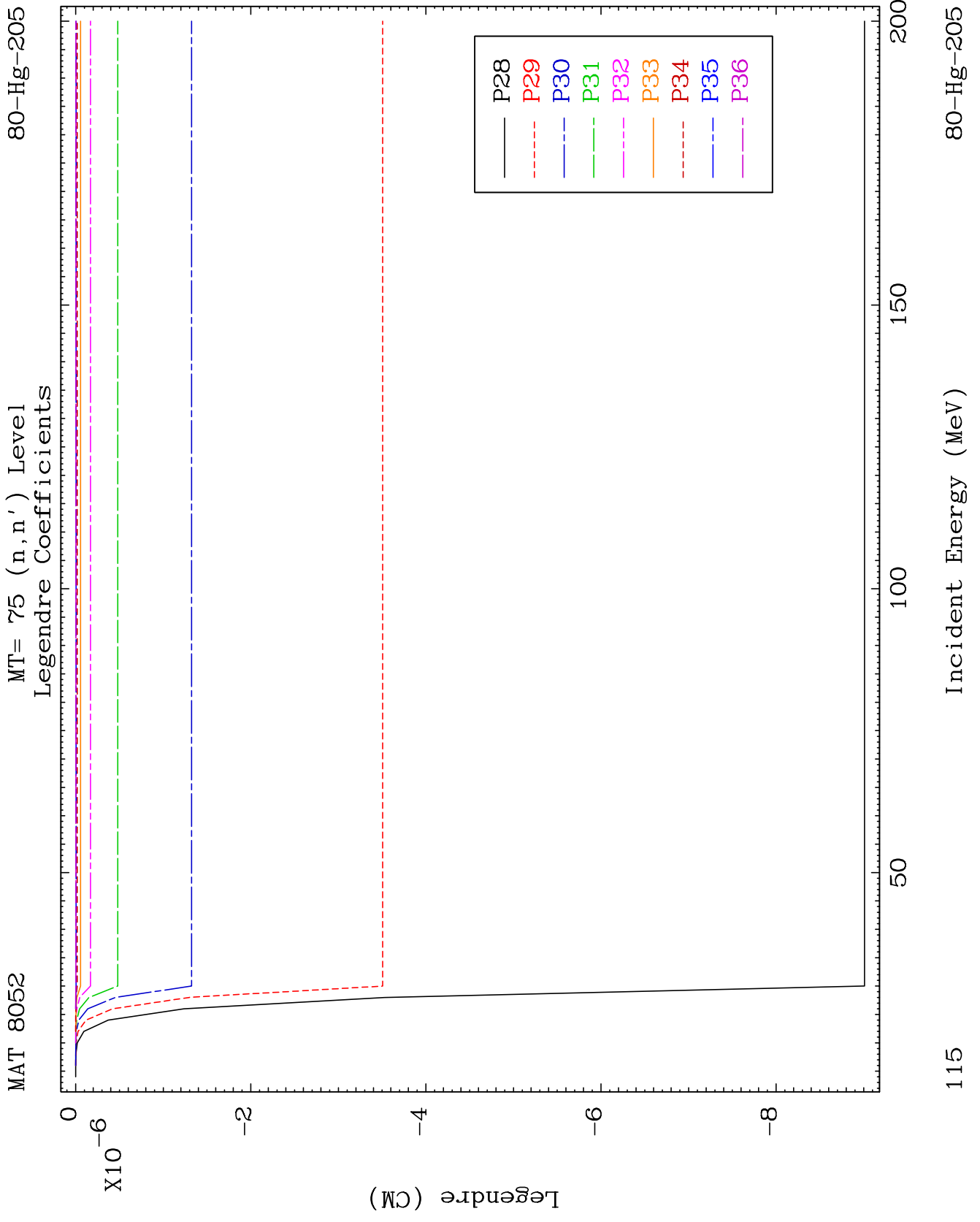
80-Hg-205



114

Incident Energy (MeV)

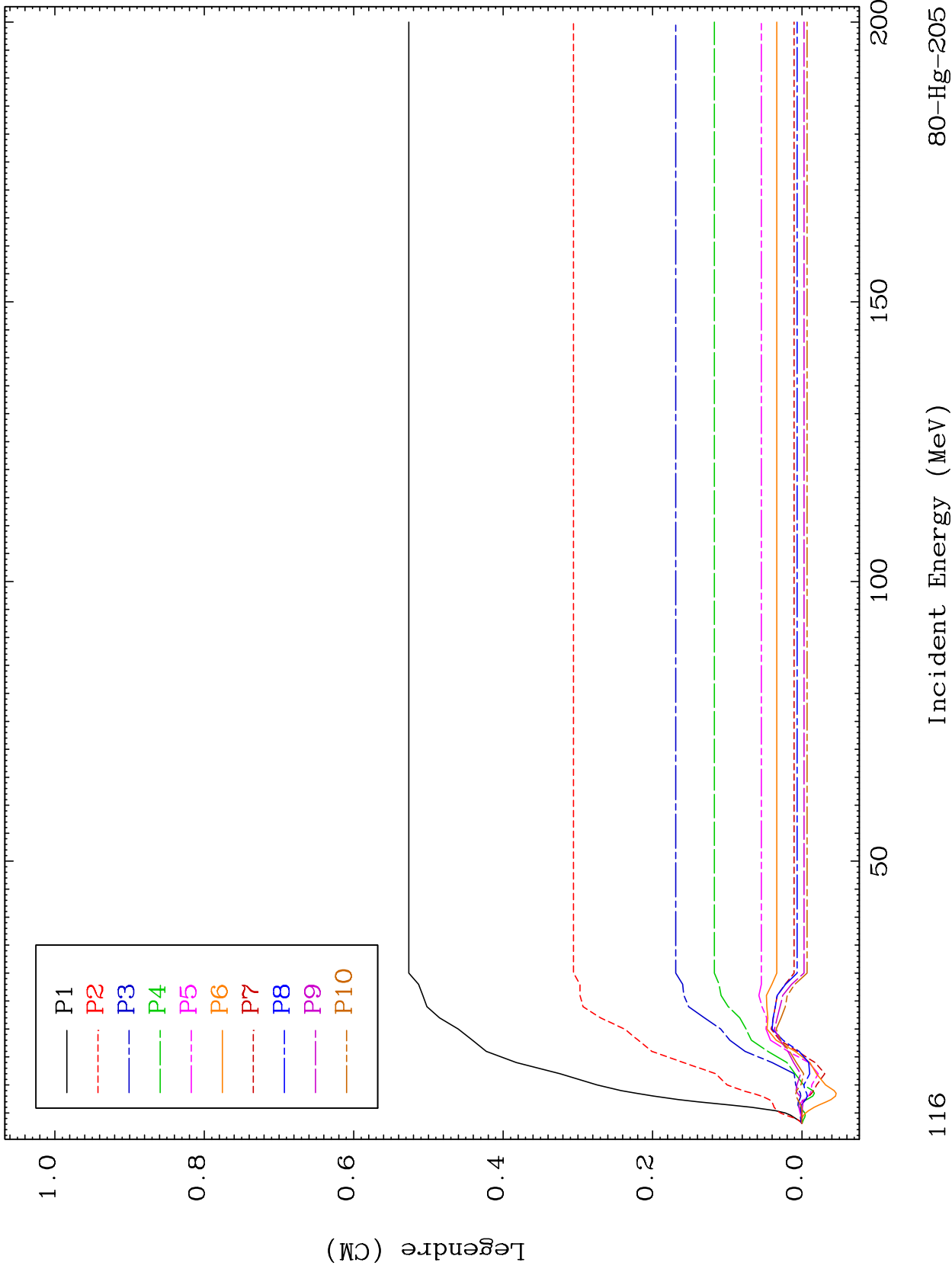
80-Hg-205



MAT 8052

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

80-Hg-205

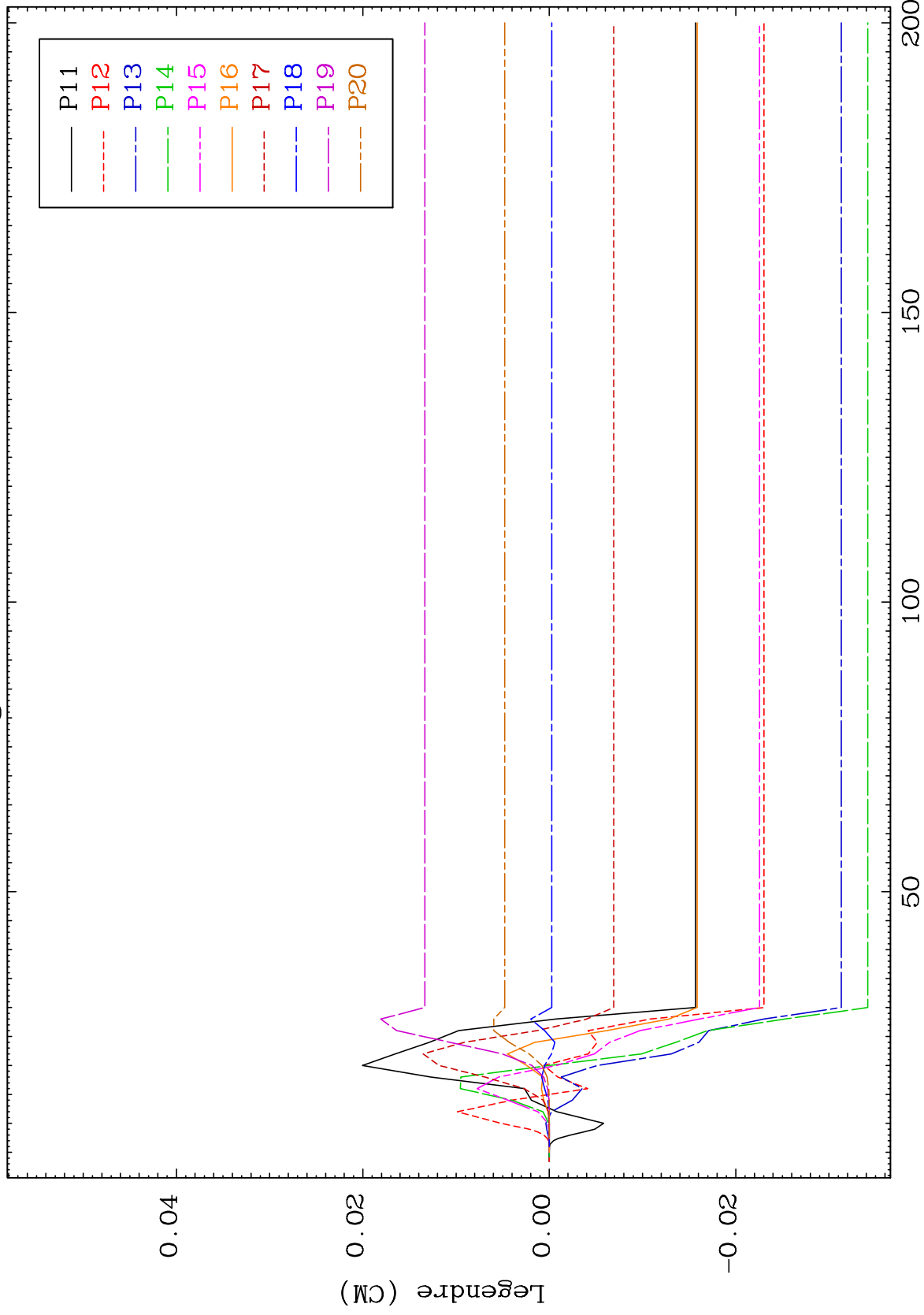


116

MAT 8052

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

80-Hg-205



117

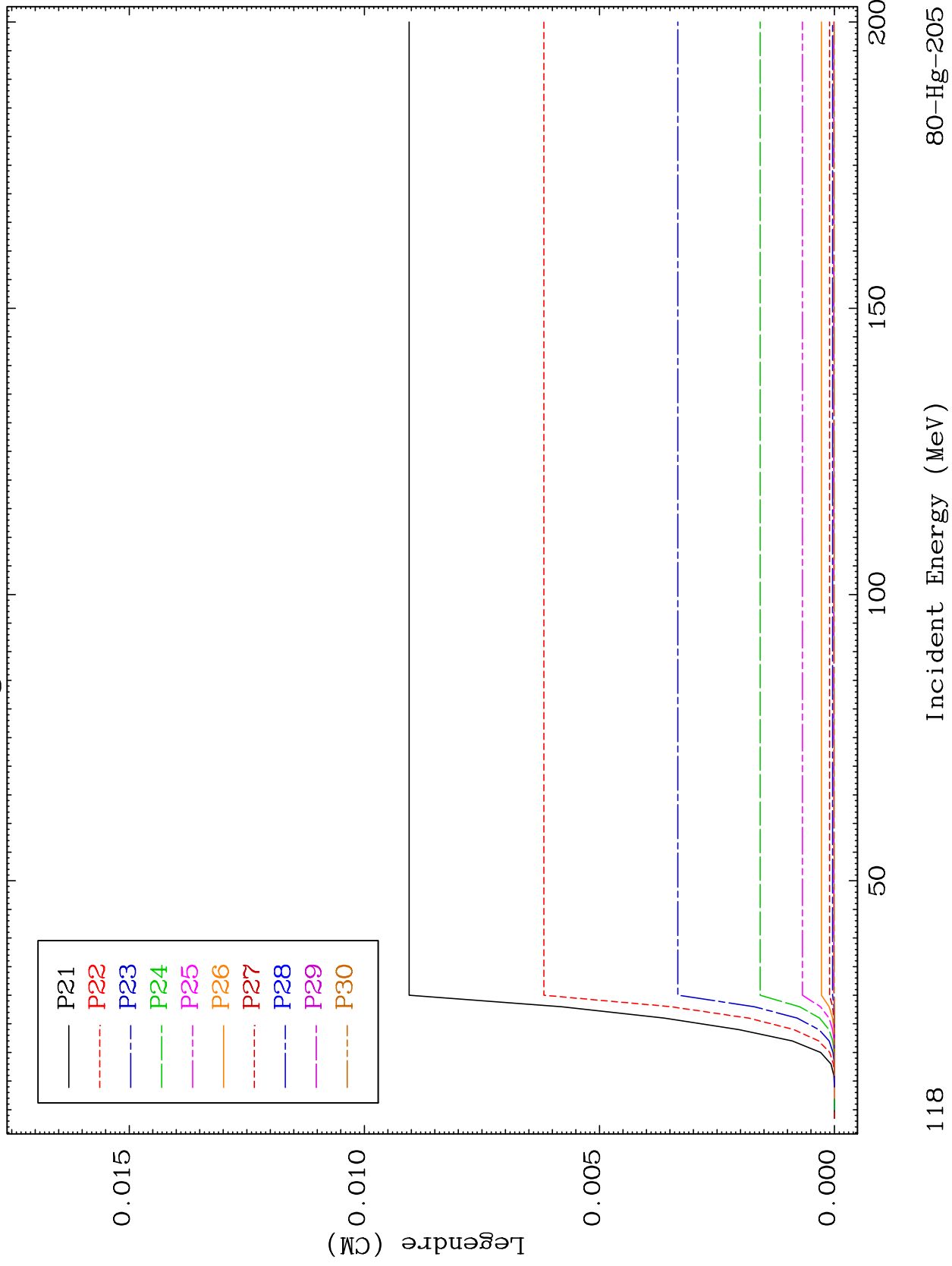
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

80-Hg-205



118

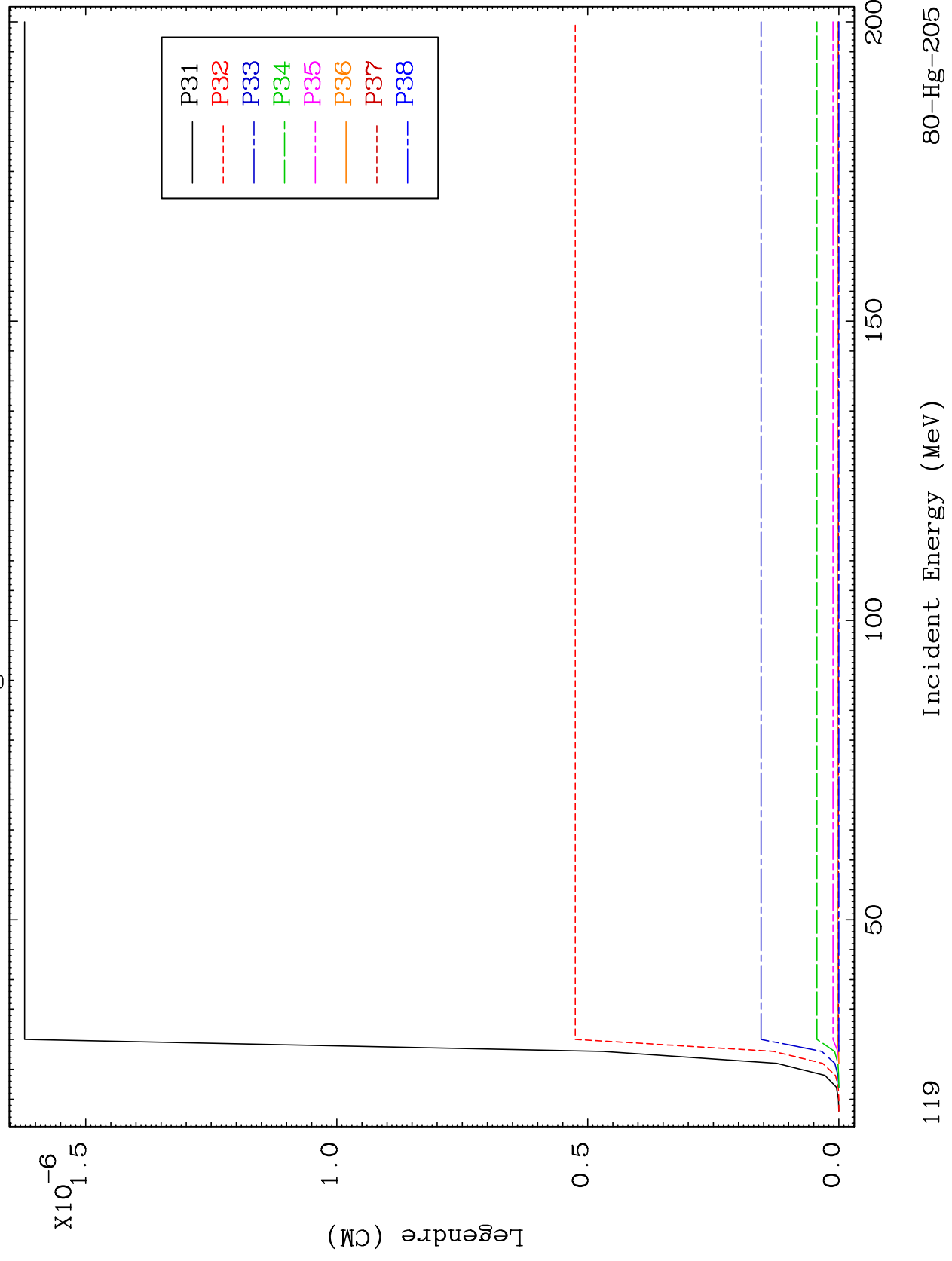
Incident Energy (MeV)

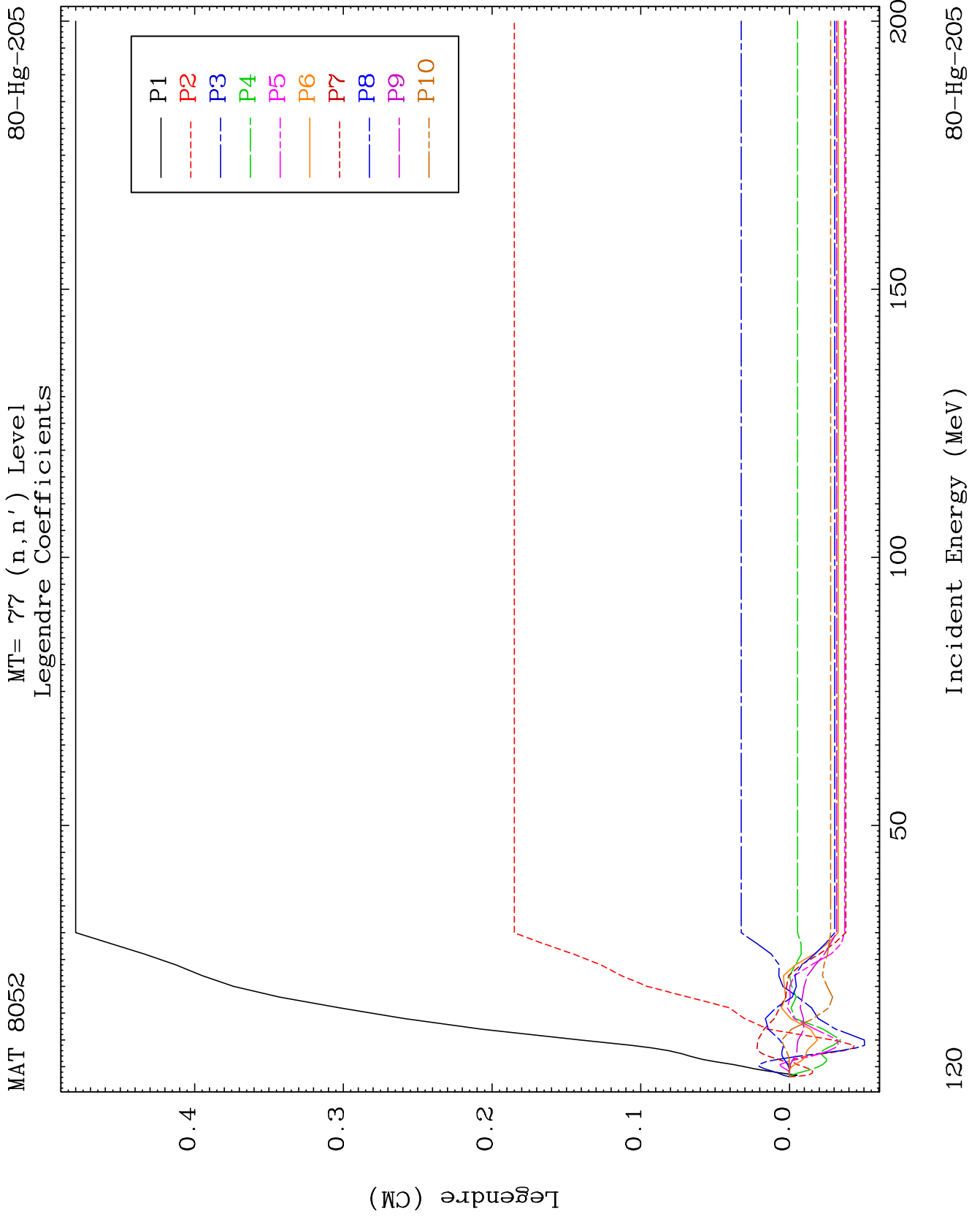
80-Hg-205

MAT 8052

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

80-Hg-205

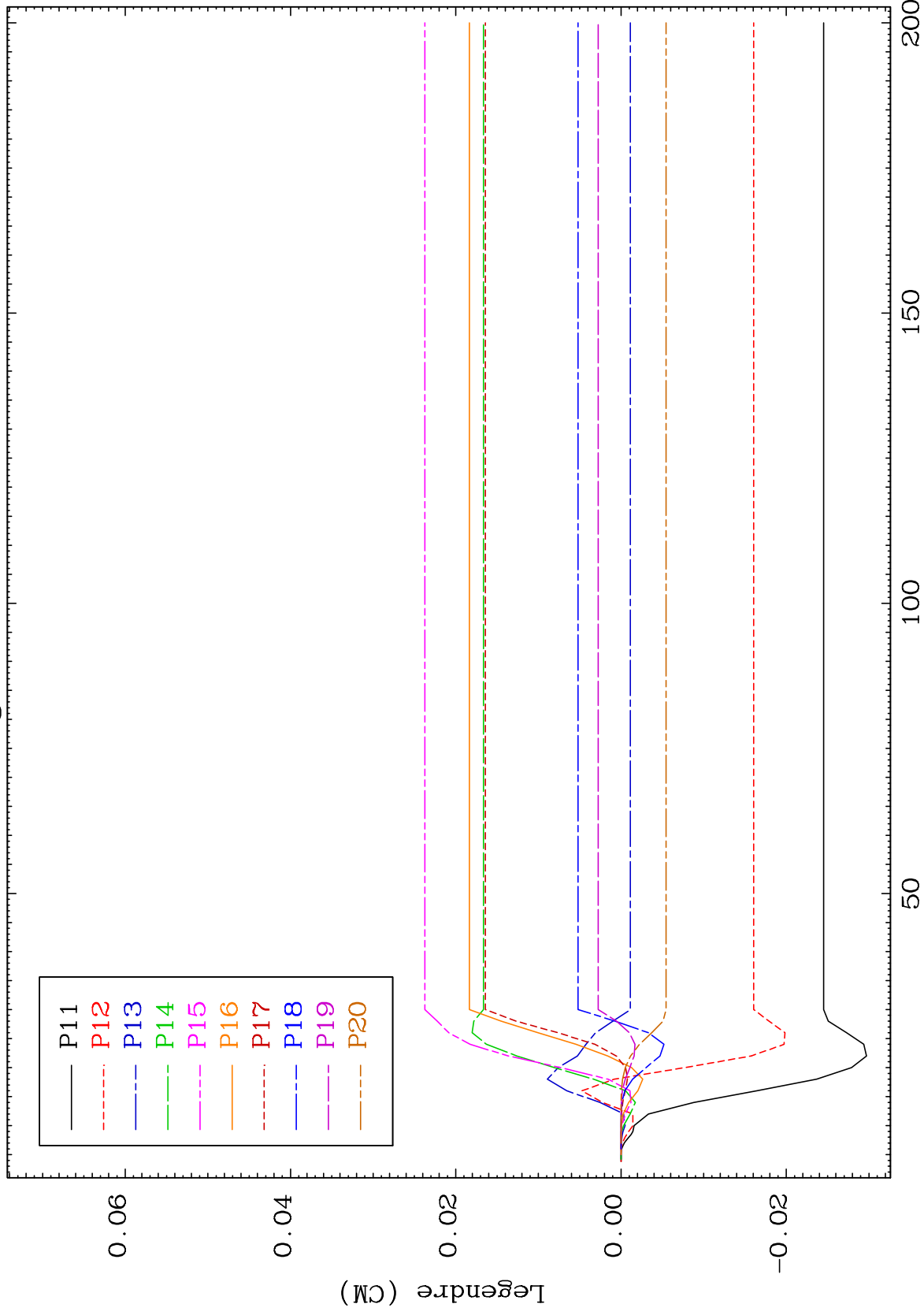




MAT 8052

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

80-Hg-205



121

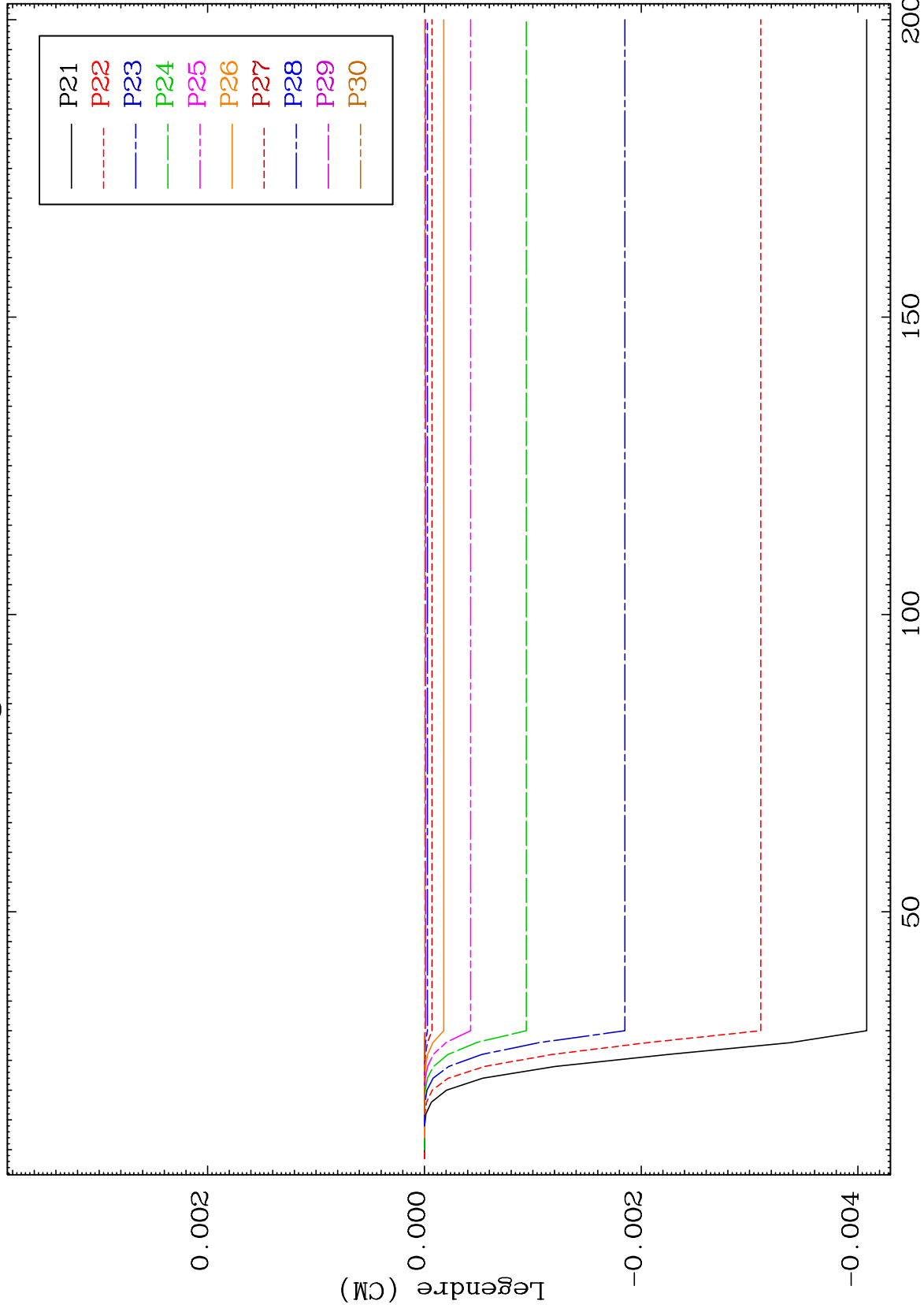
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

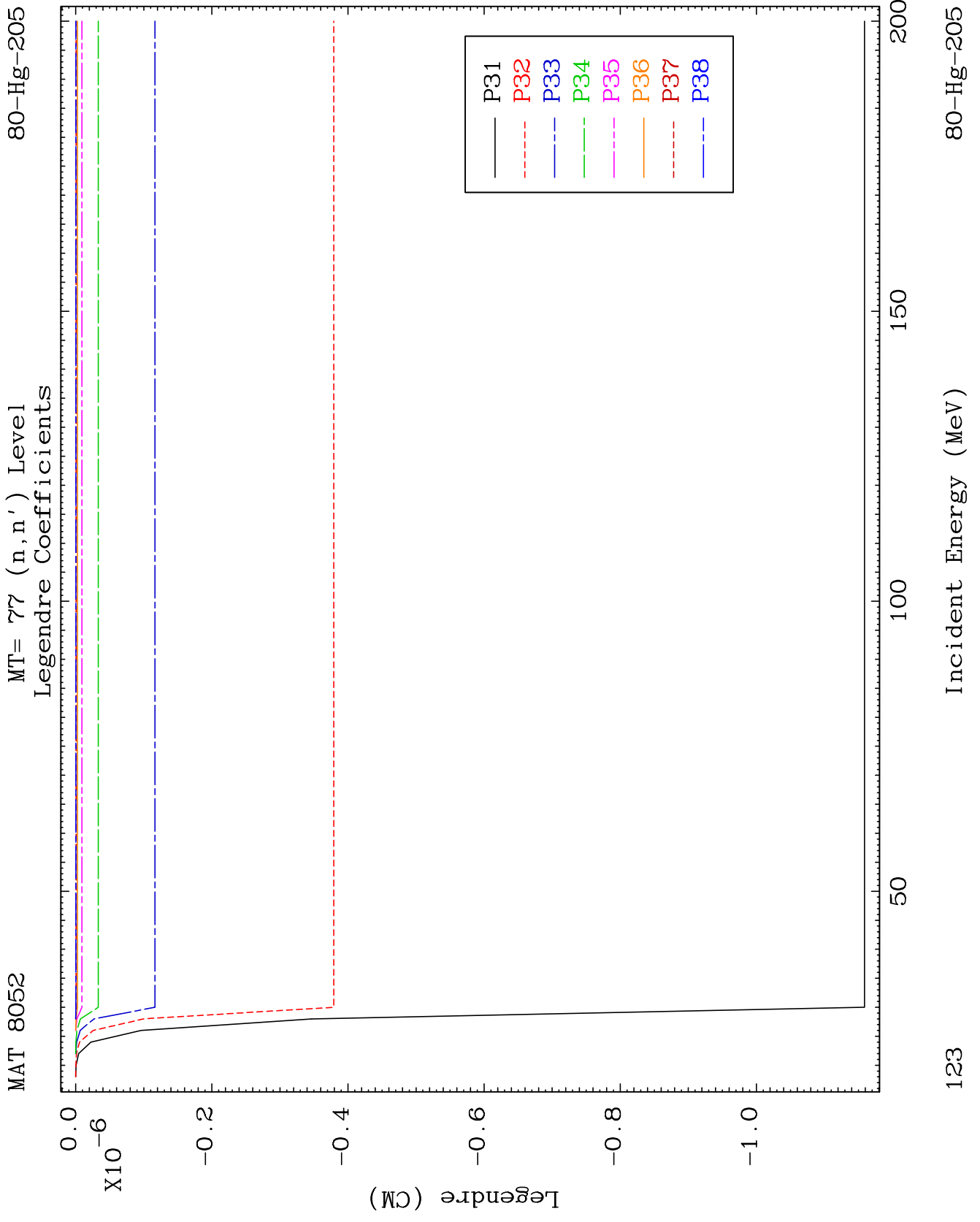
80-Hg-205



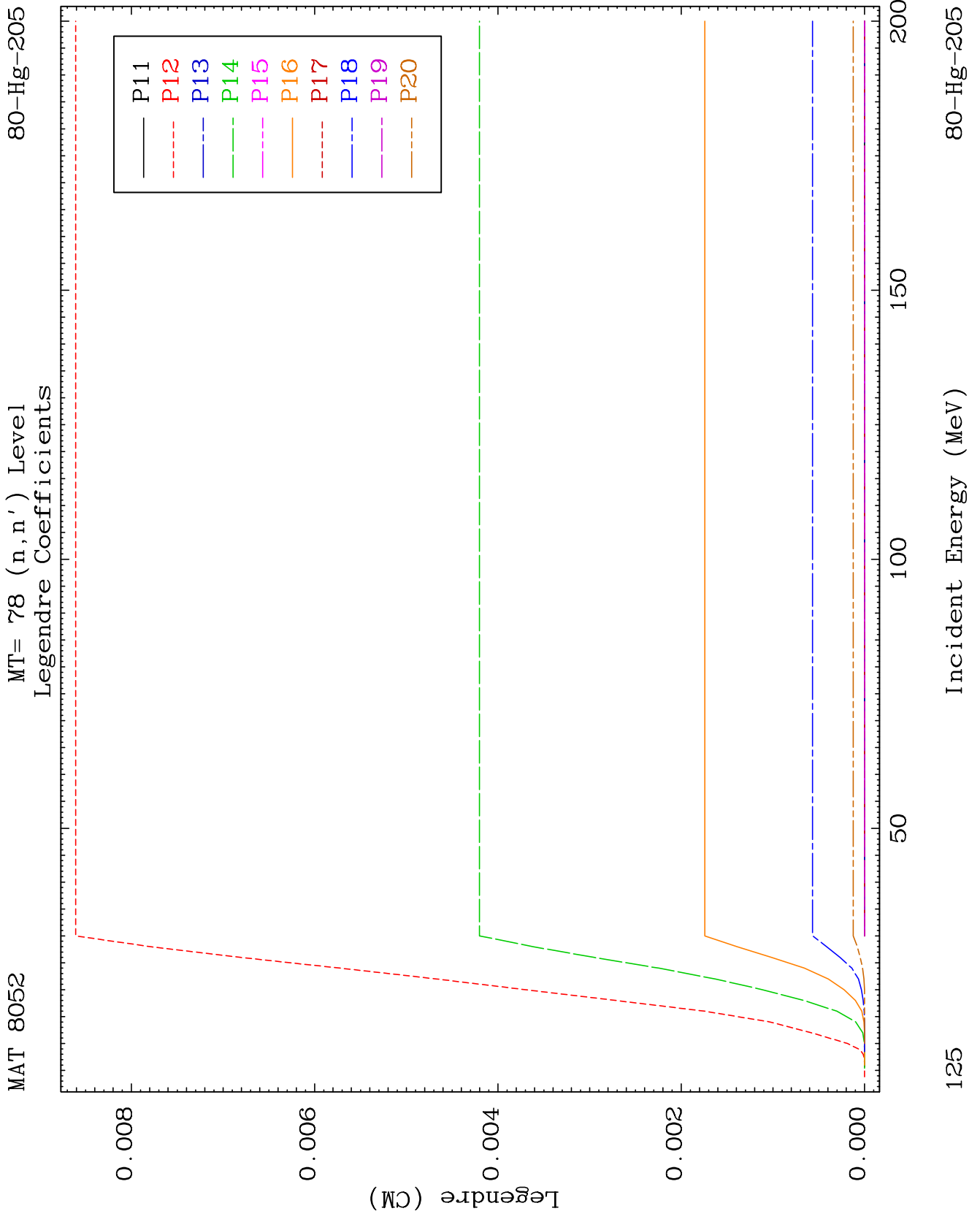
122

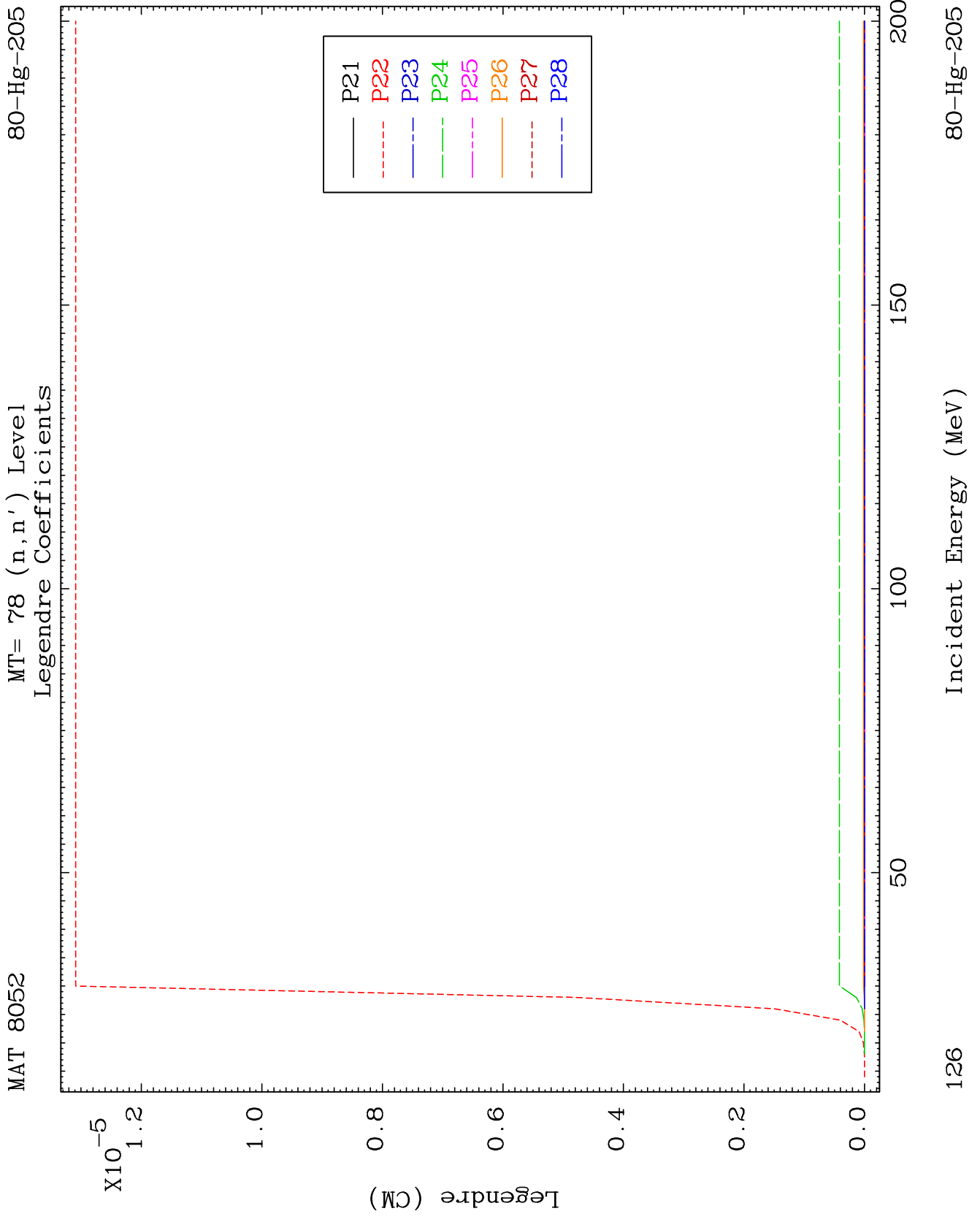
Incident Energy (MeV)

80-Hg-205





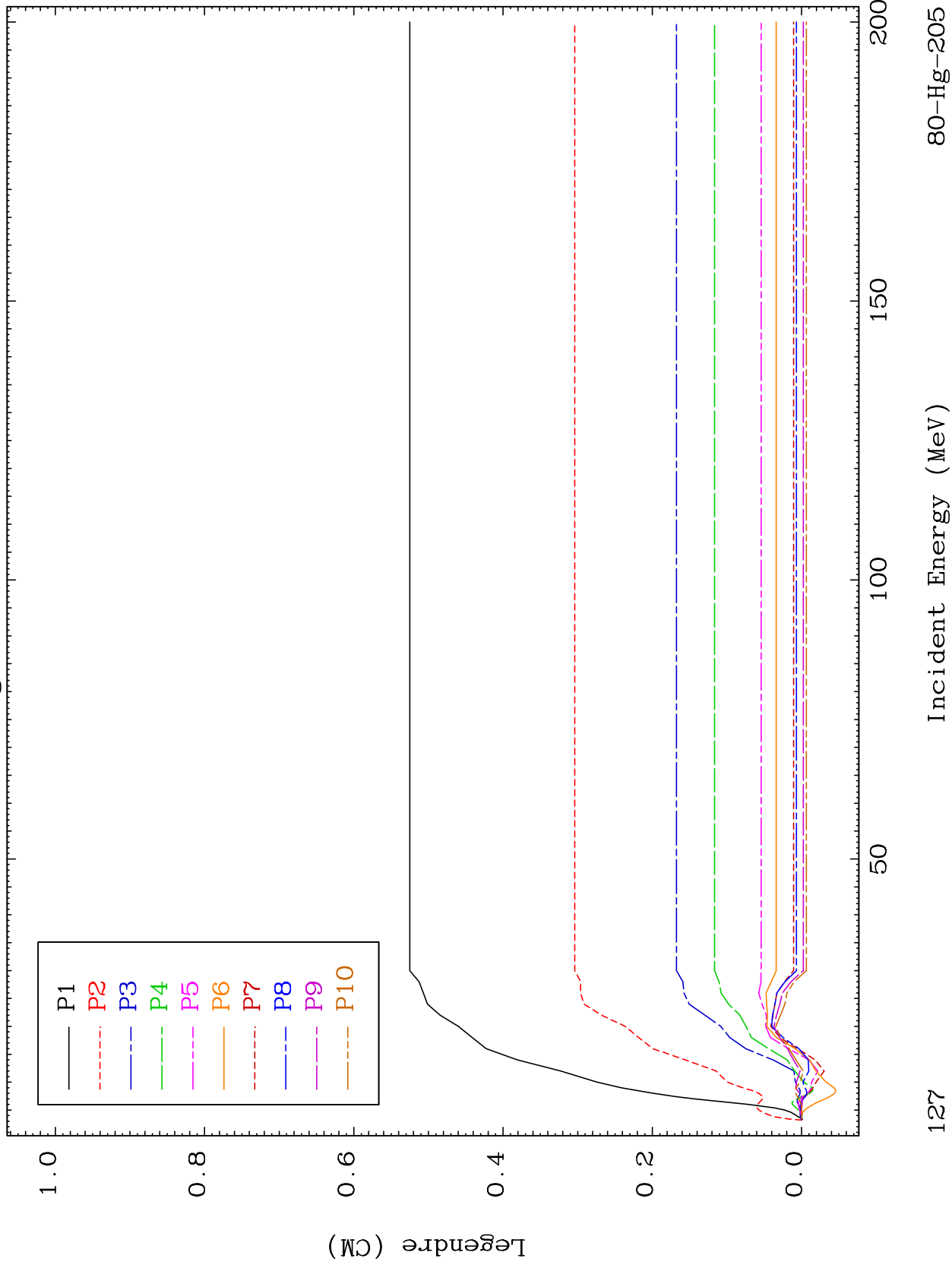




MAT 8052

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

80-Hg-205



127

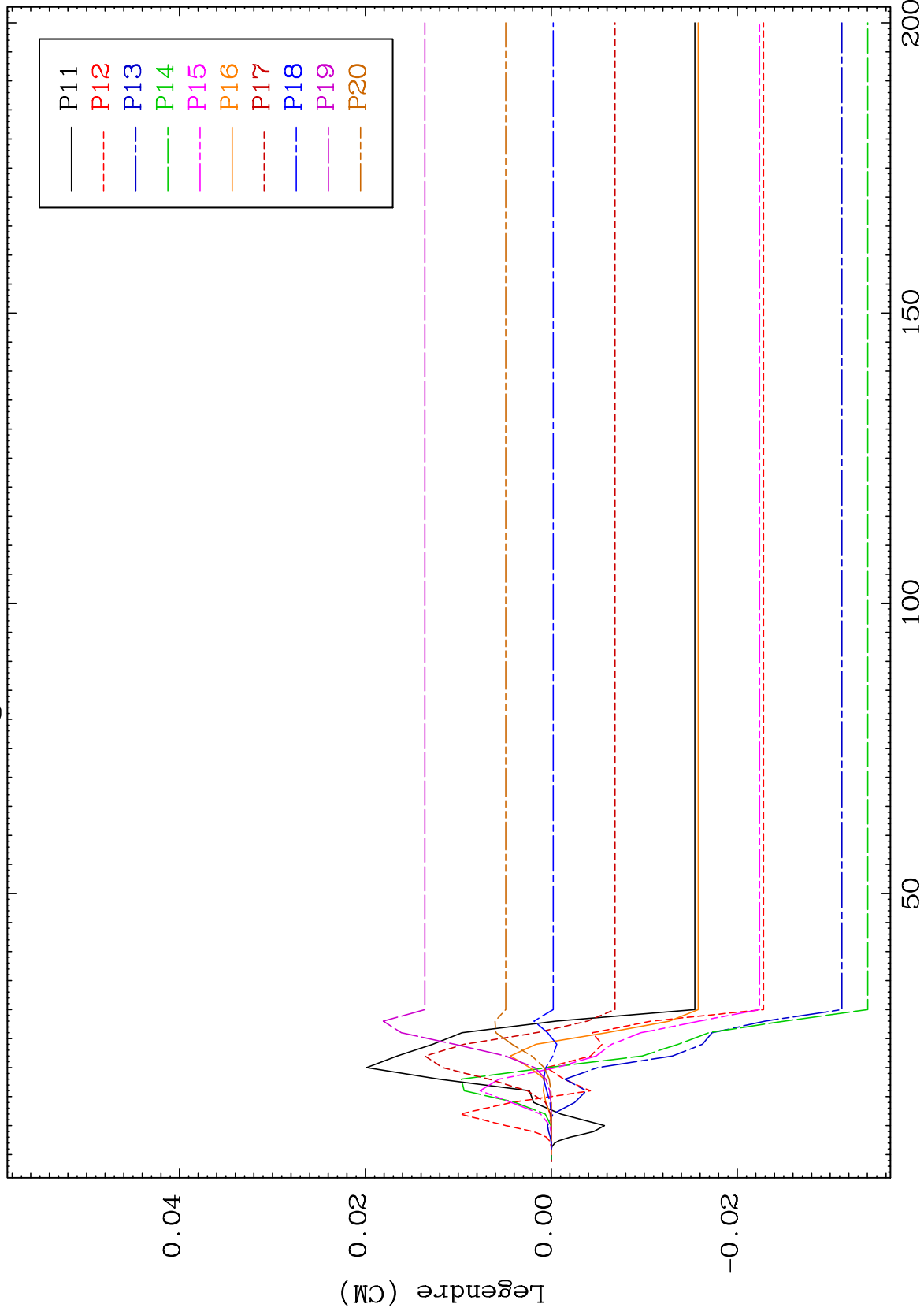
Incident Energy (MeV)

80-Hg-205

MAT 8052

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

80-Hg-205



128

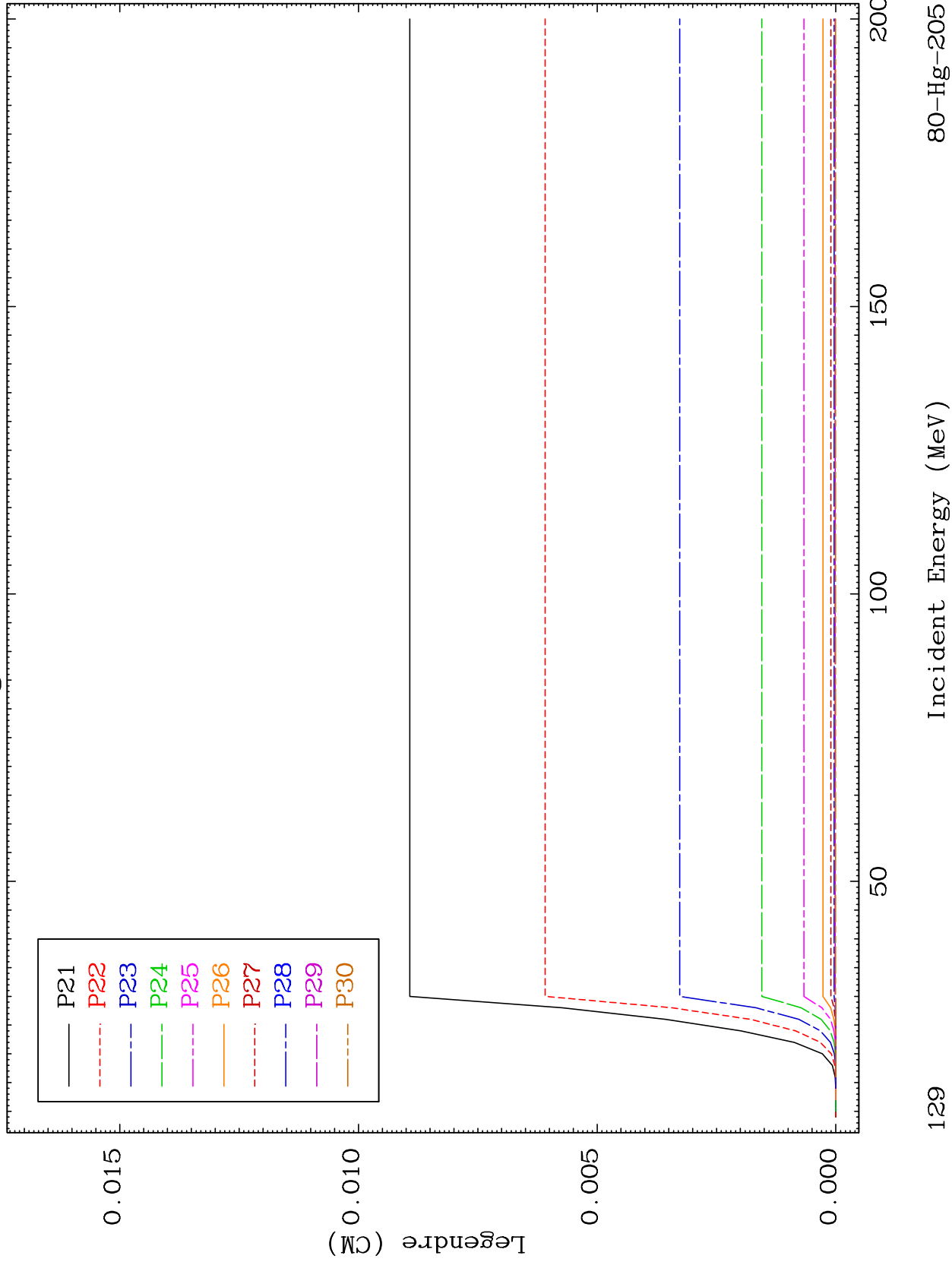
Incident Energy (MeV)

80-Hg-205

MAT 8052

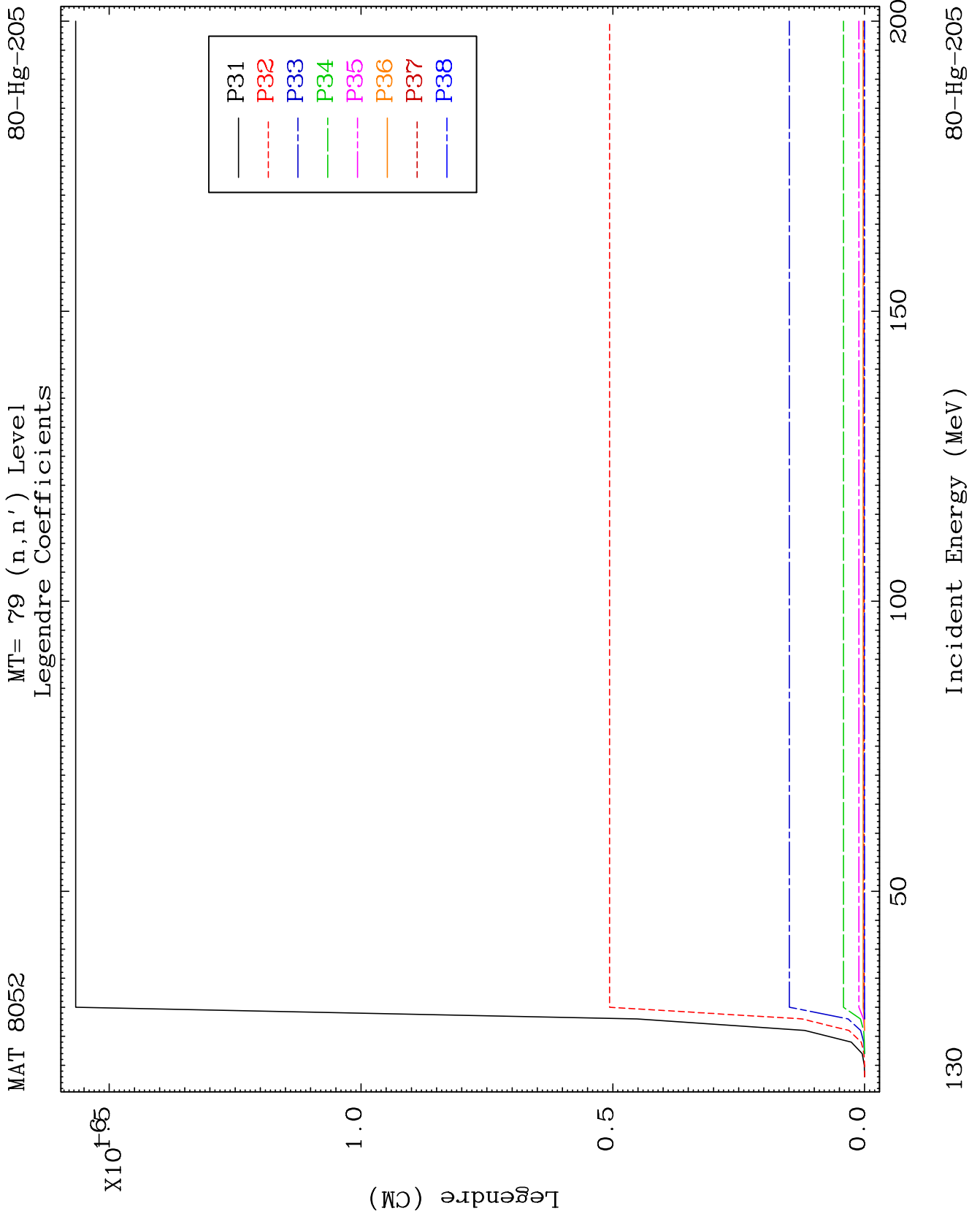
MT= 79 (n,n') Level  
Legendre Coefficients

80-Hg-205



129

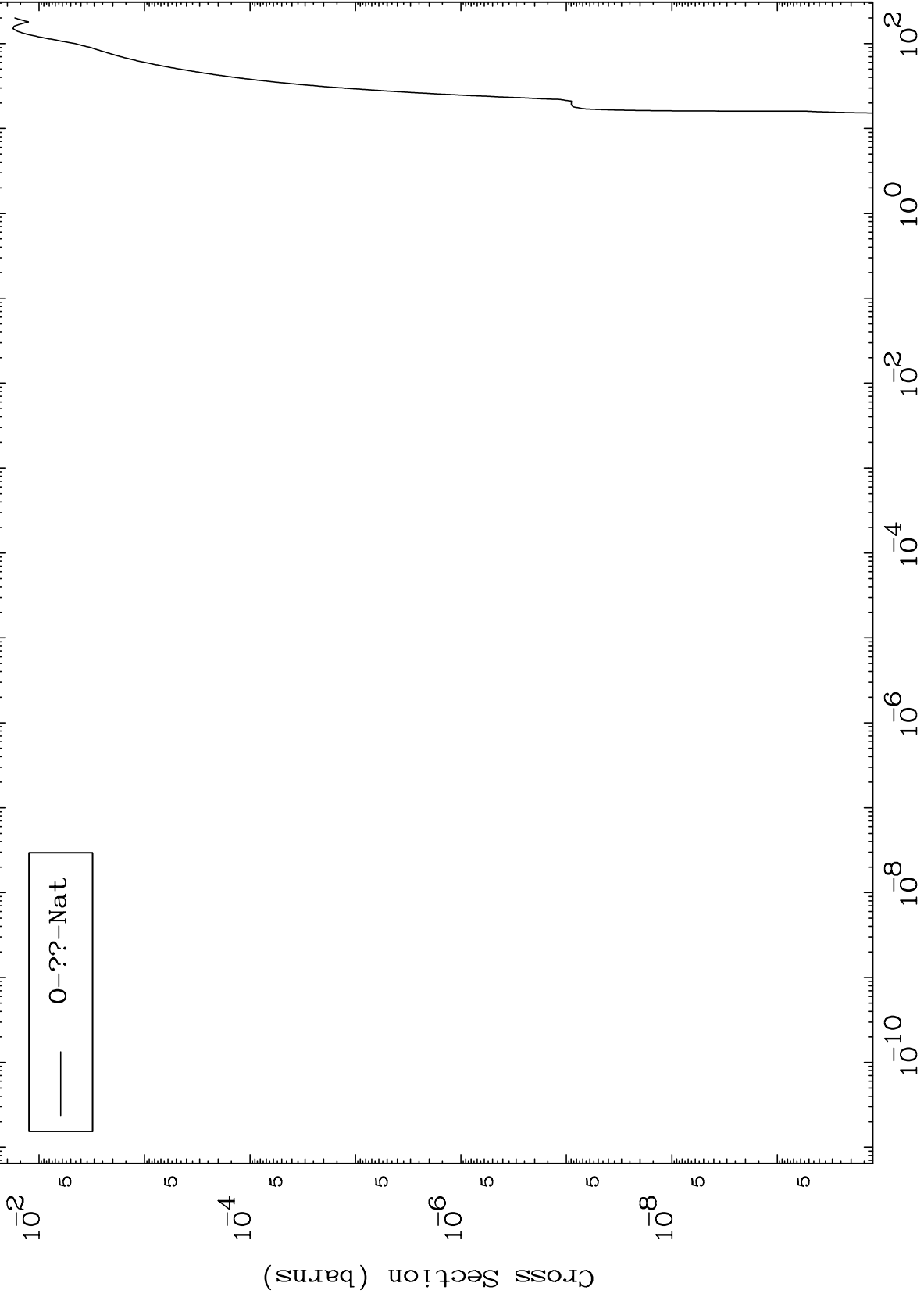
80-Hg-205



MAT 8052

Fission  
Radionuclide Production Cross Section

80-Hg-205



80-Hg-205

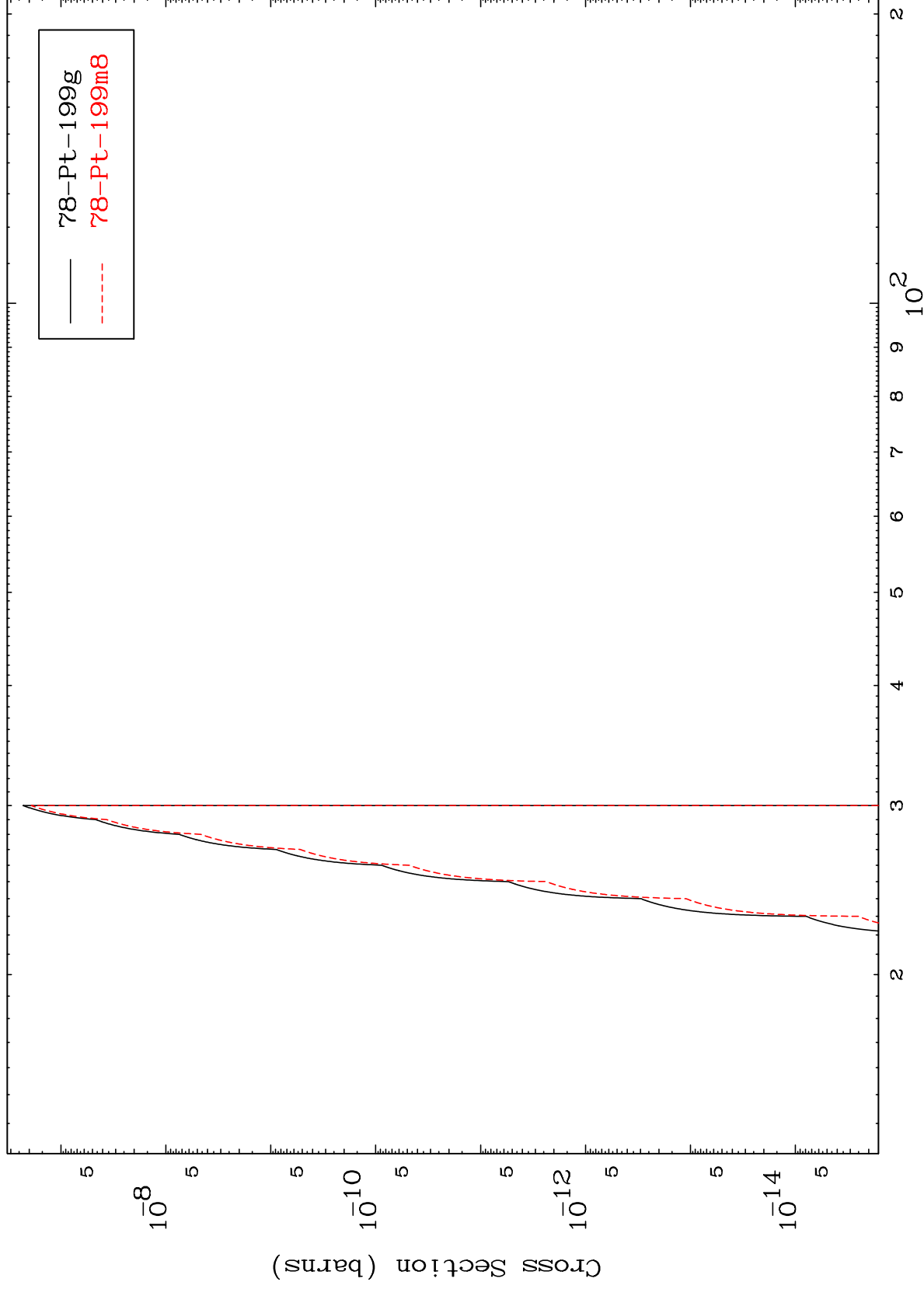
Incident Energy (MeV)

MAT 8052

80-Hg-205

(n,3n)  $\alpha$

Radionuclide Production Cross Section



132

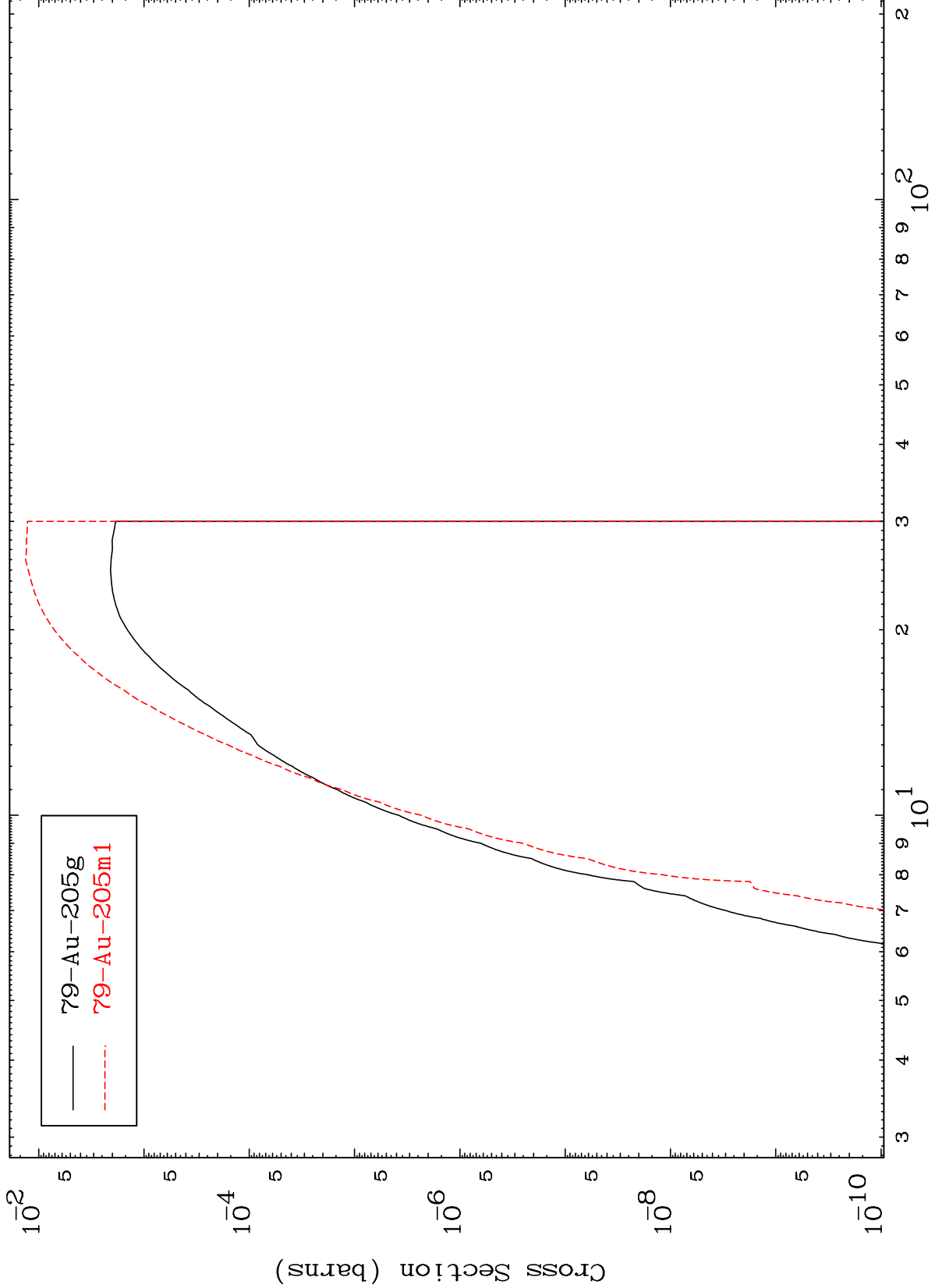
Incident Energy (MeV)

80-Hg-205

MAT 8052

80-Hg-205

(n,p)  
Radionuclide Production Cross Section



— 79-Au-205g  
- - - 79-Au-205m1

80-Hg-205

Incident Energy (MeV)

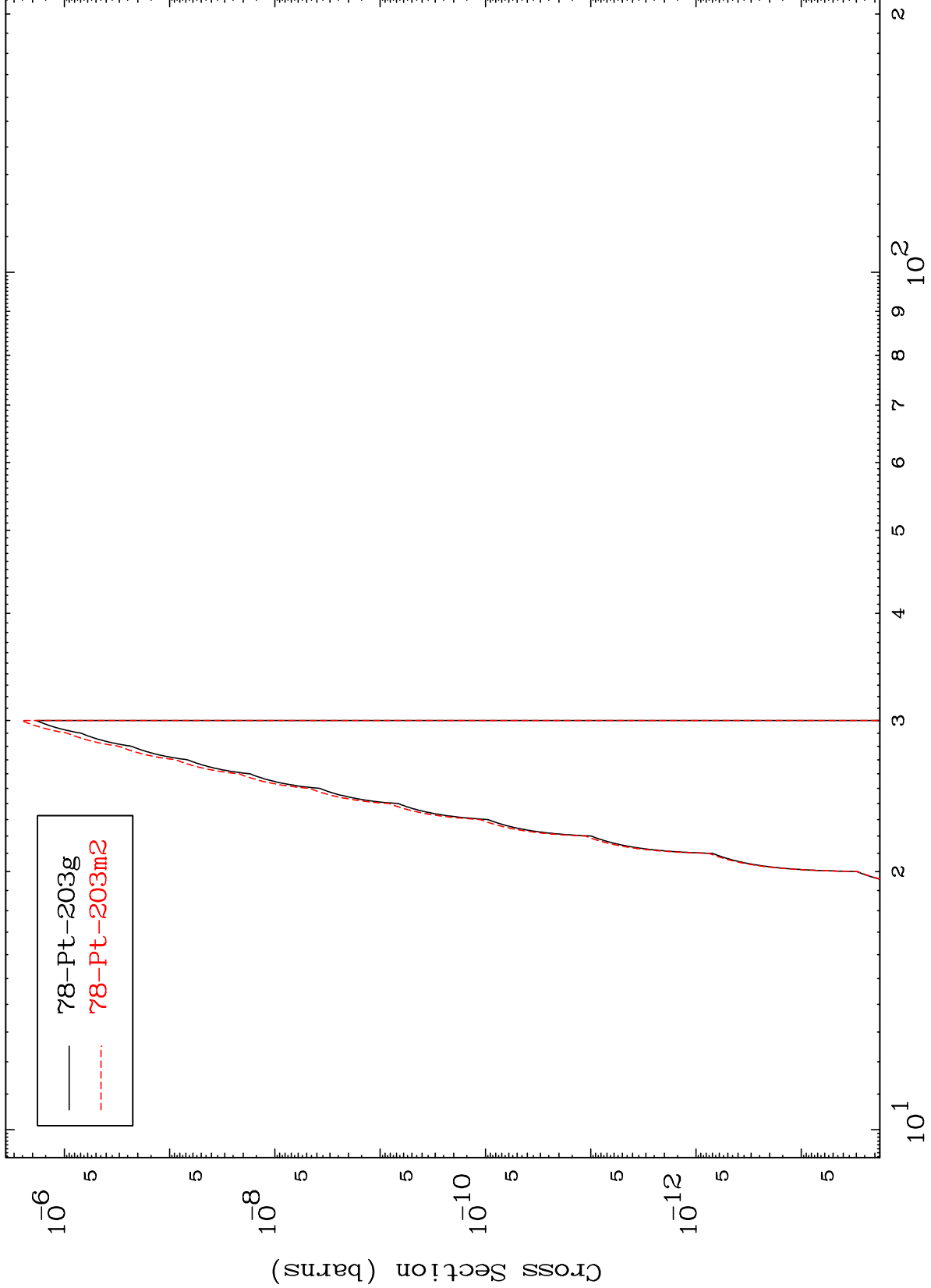
133

MAT 8052

(n,He-3)

80-Hg-205

Radionuclide Production Cross Section



78-Pt-203g  
78-Pt-203m2

134

Incident Energy (MeV)

80-Hg-205