

Program EVALPLOT  
(Version 2021-1)

by

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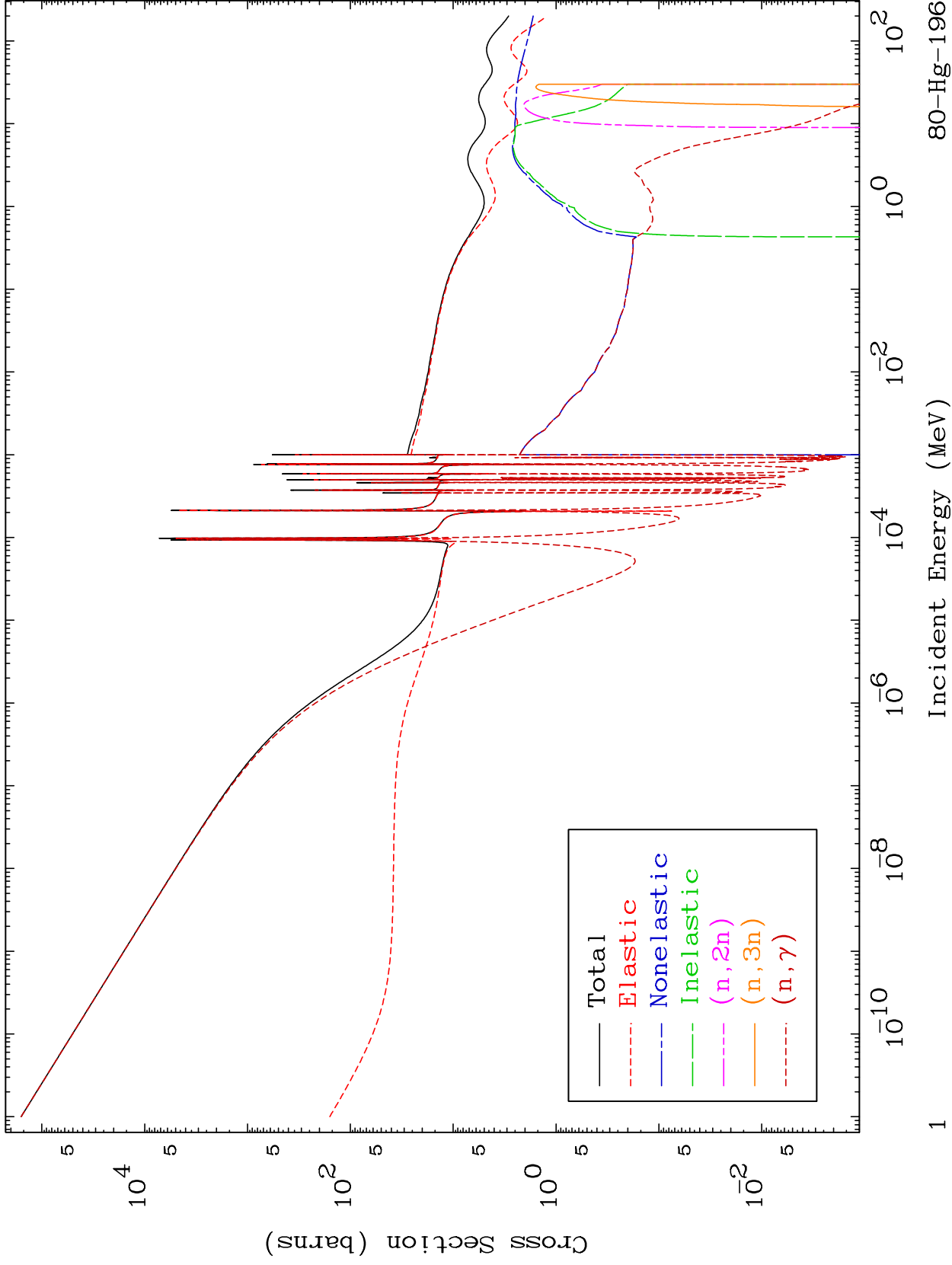
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8025

Neutron Major  
293 Kelvin Cross Sections

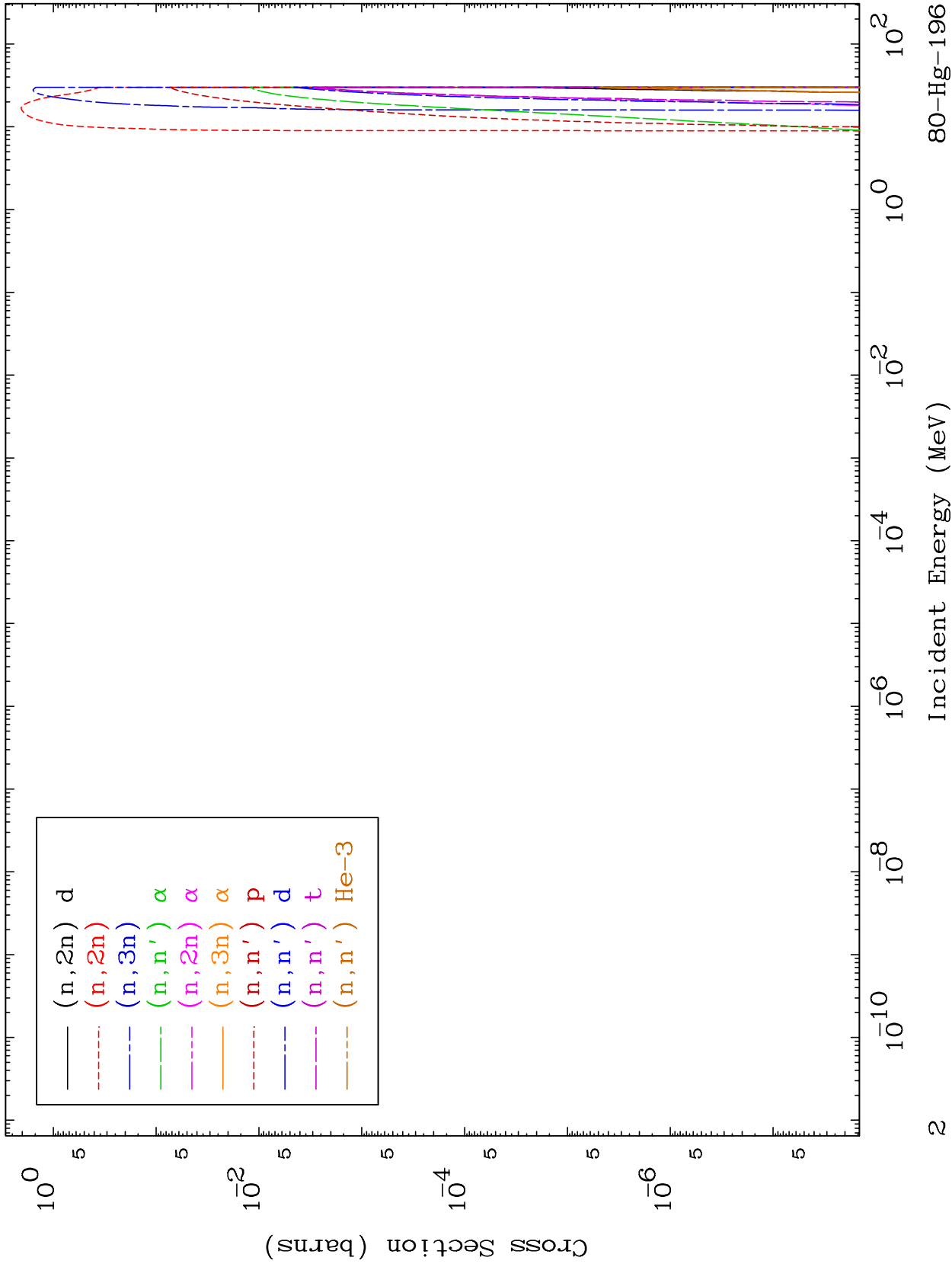
80-Hg-196



MAT 8025

Neutron Absorption  
293 Kelvin Cross Sections

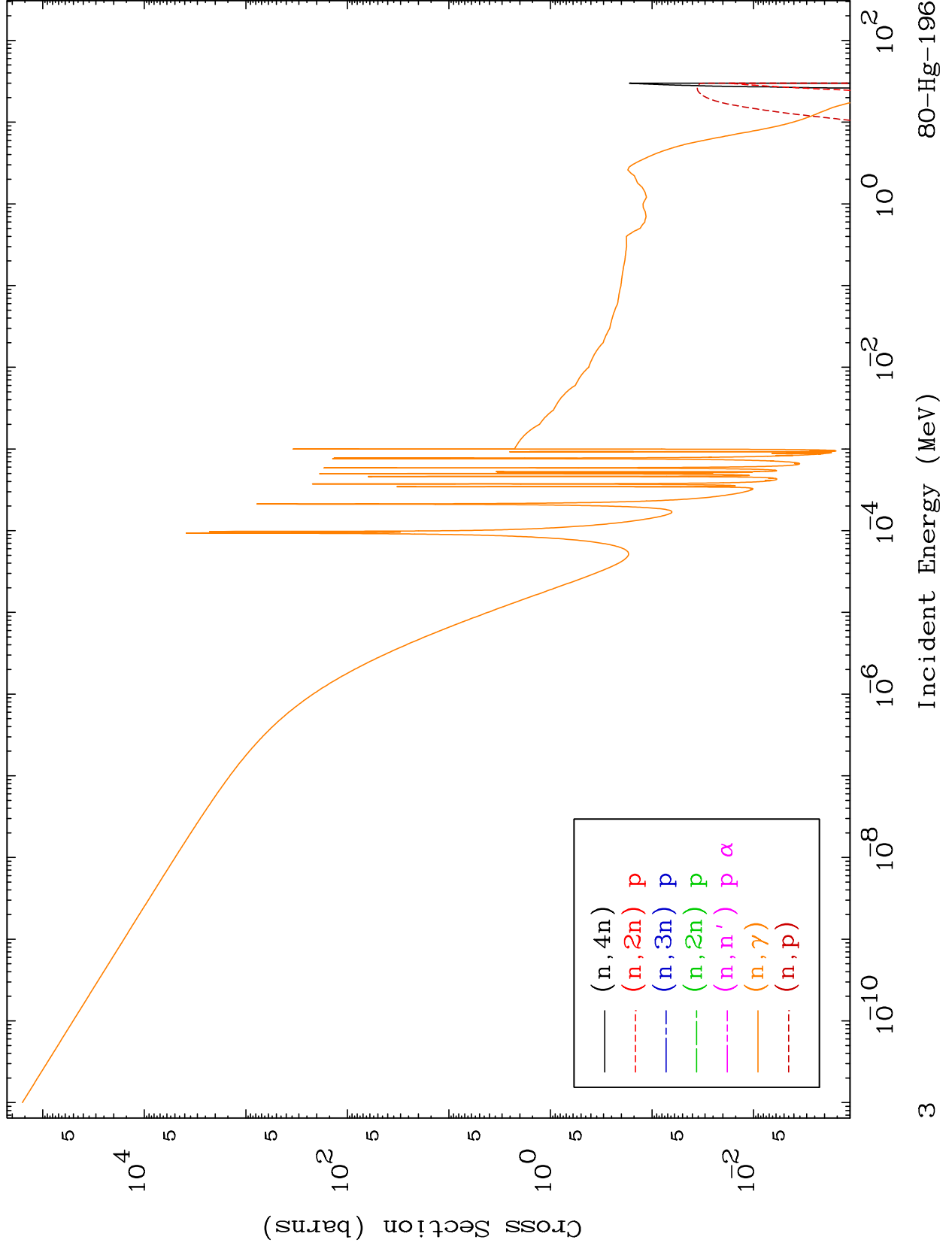
80-Hg-196



MAT 8025

Neutron Absorption  
293 Kelvin Cross Sections

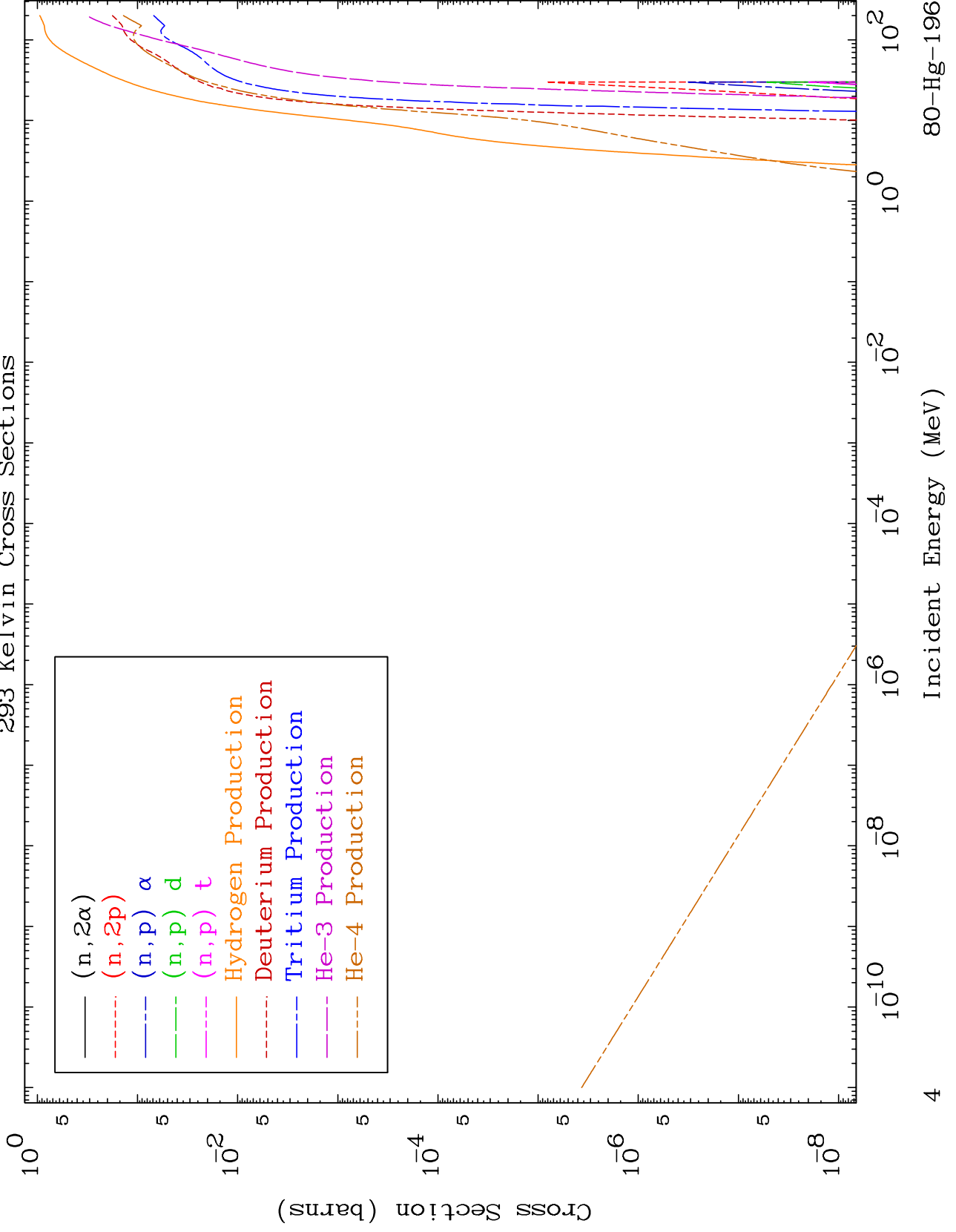
80-Hg-196



MAT 8025

Neutron Absorption  
293 Kelvin Cross Sections

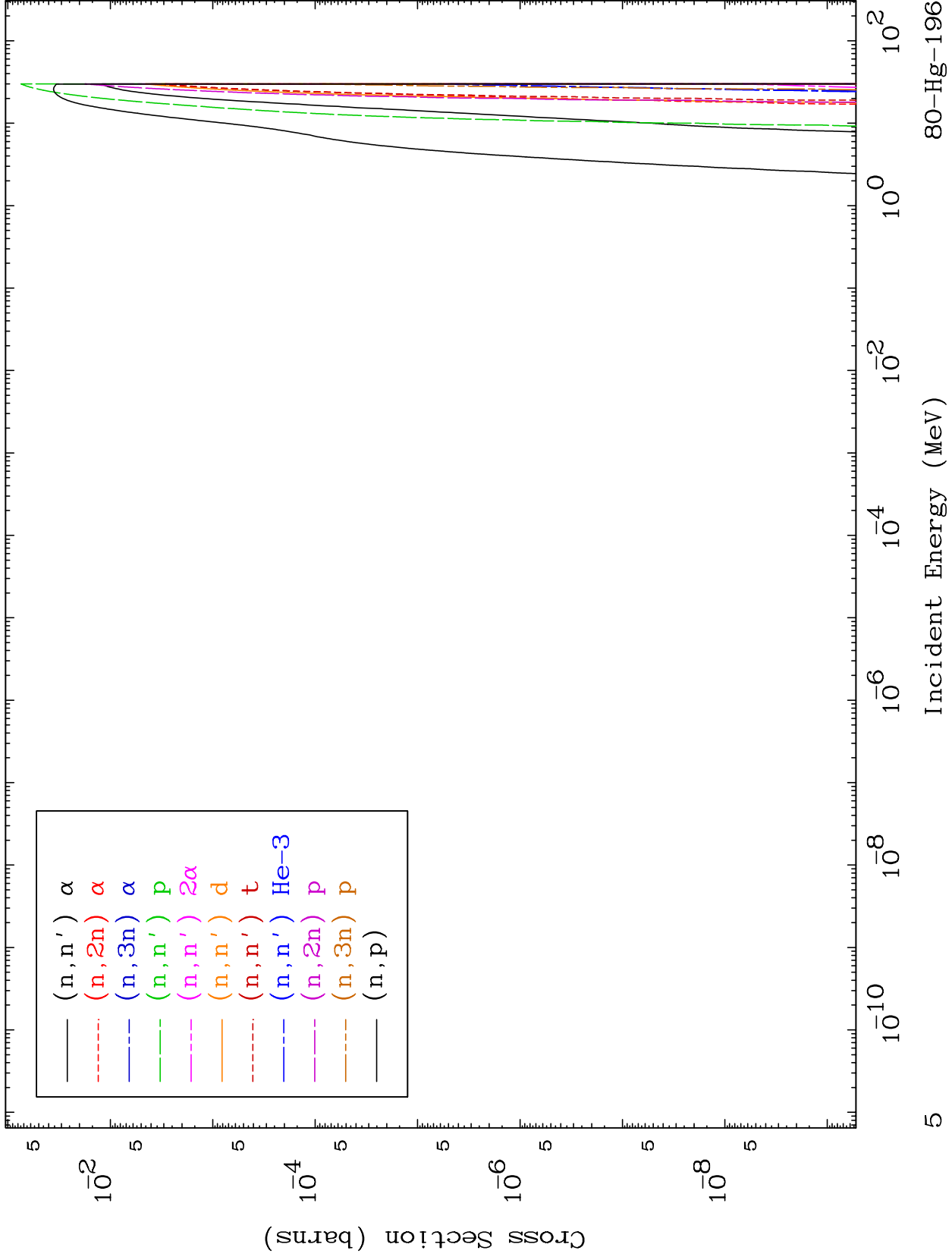
80-Hg-196



MAT 8025

Charged Particle  
293 Kelvin Cross Sections

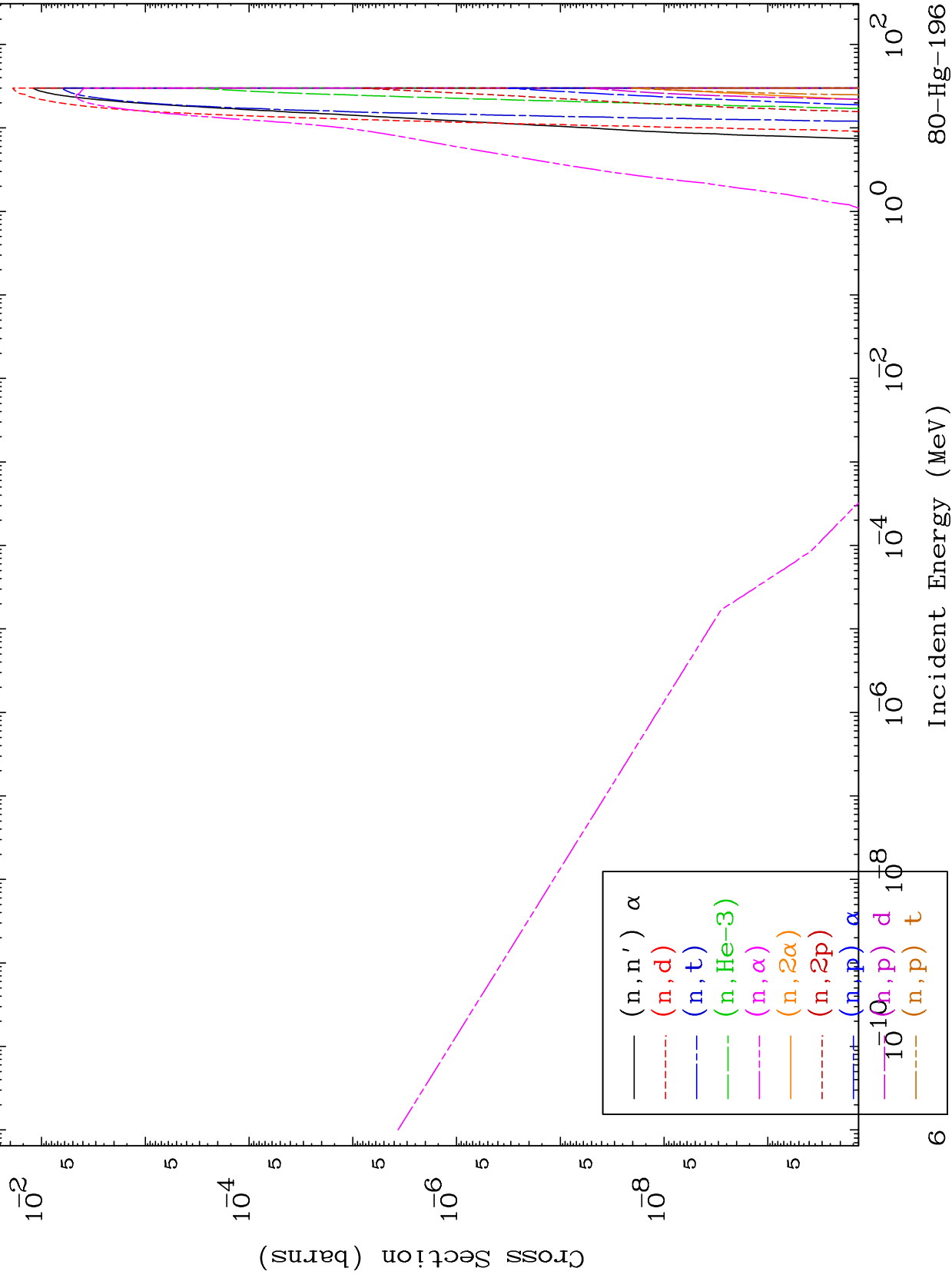
80-Hg-196



MAT 8025

Charged Particle  
293 Kelvin Cross Sections

80-Hg-196



80-Hg-196

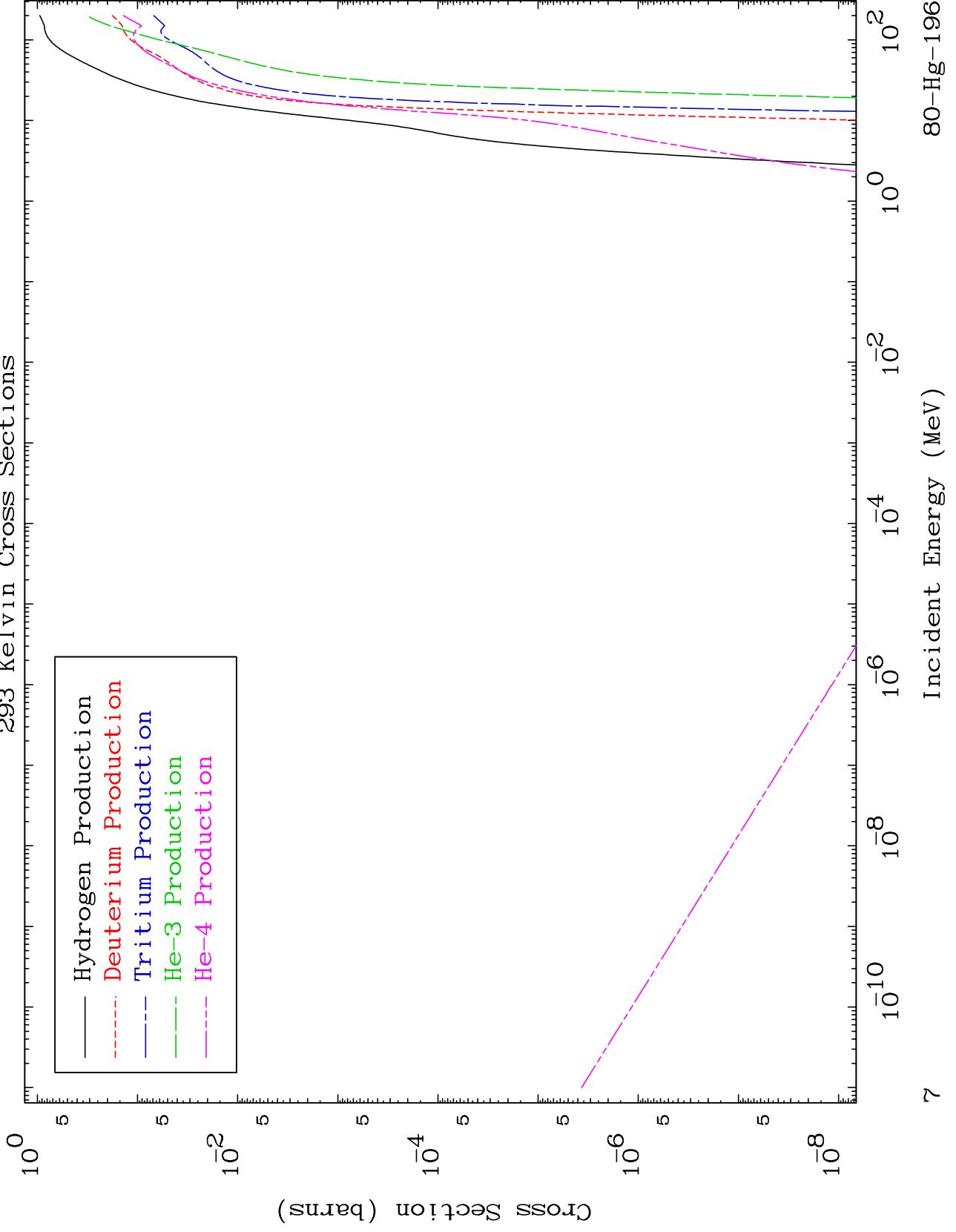
Incident Energy (MeV)

6

MAT 8025

Particle Production  
293 Kelvin Cross Sections

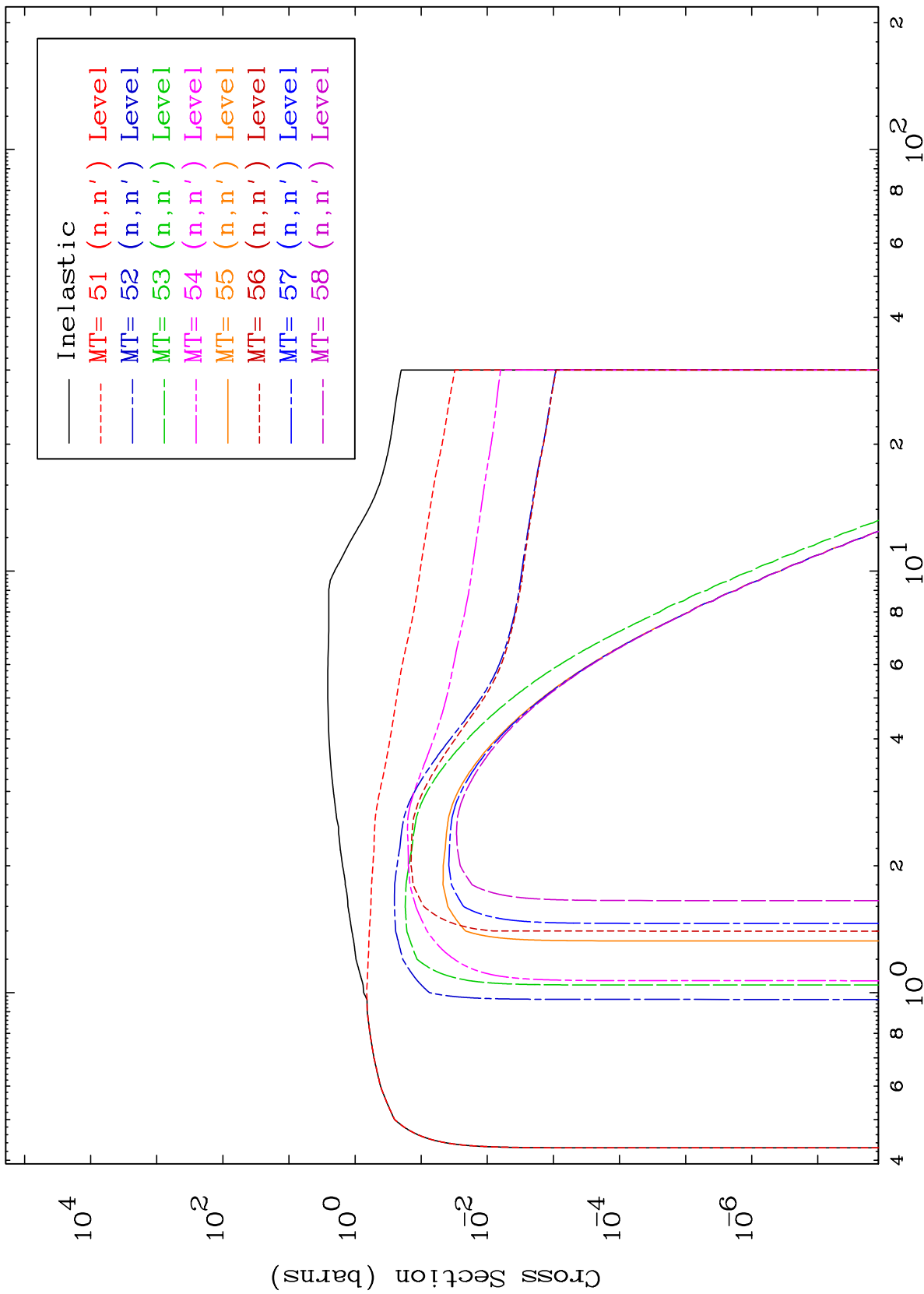
80-Hg-196



MAT 8025

80-Hg-196

(n,n') Levels  
293 Kelvin Cross Sections



8

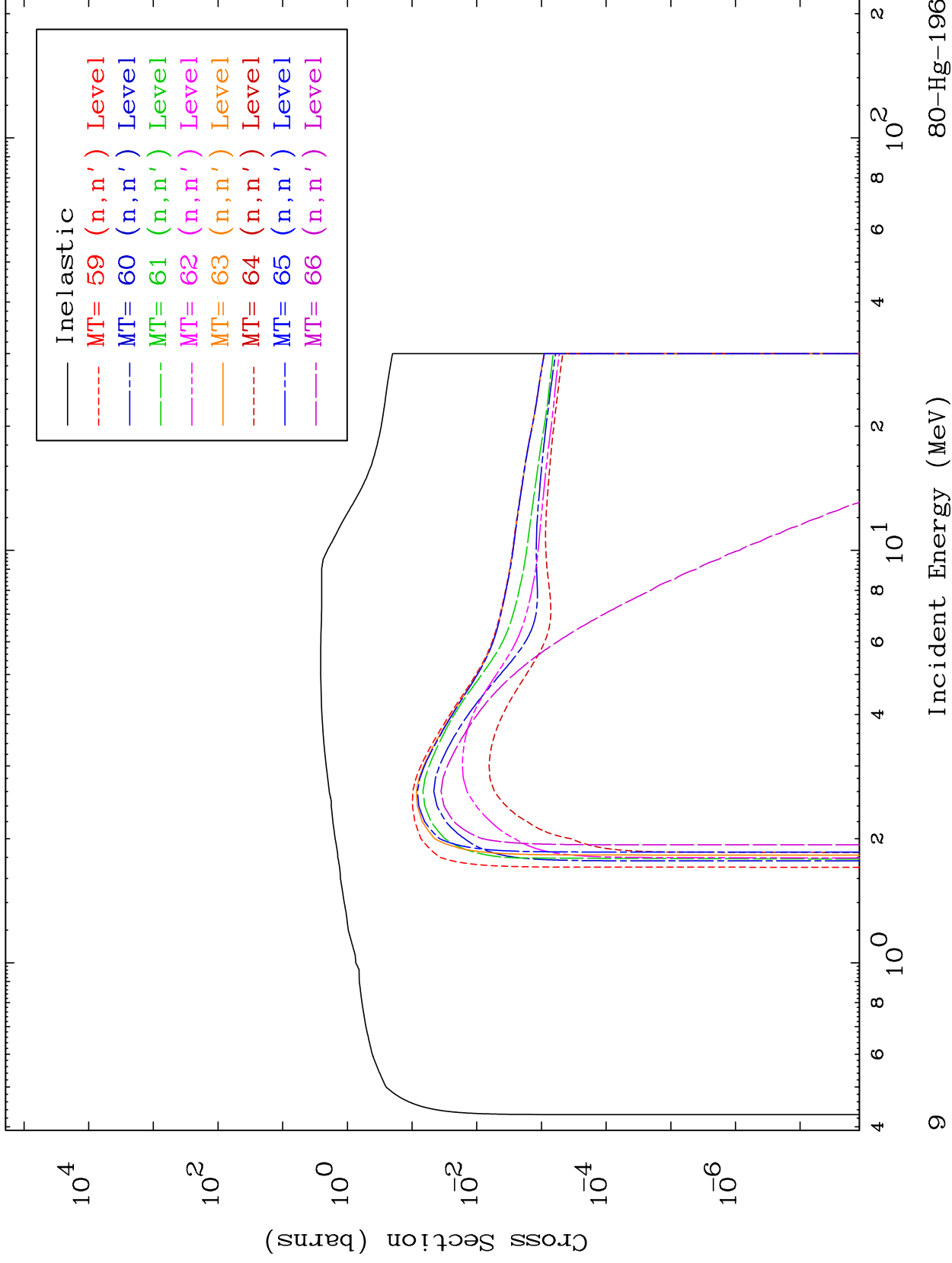
Incident Energy (MeV)

80-Hg-196

MAT 8025

(n,n') Levels  
293 Kelvin Cross Sections

80-Hg-196

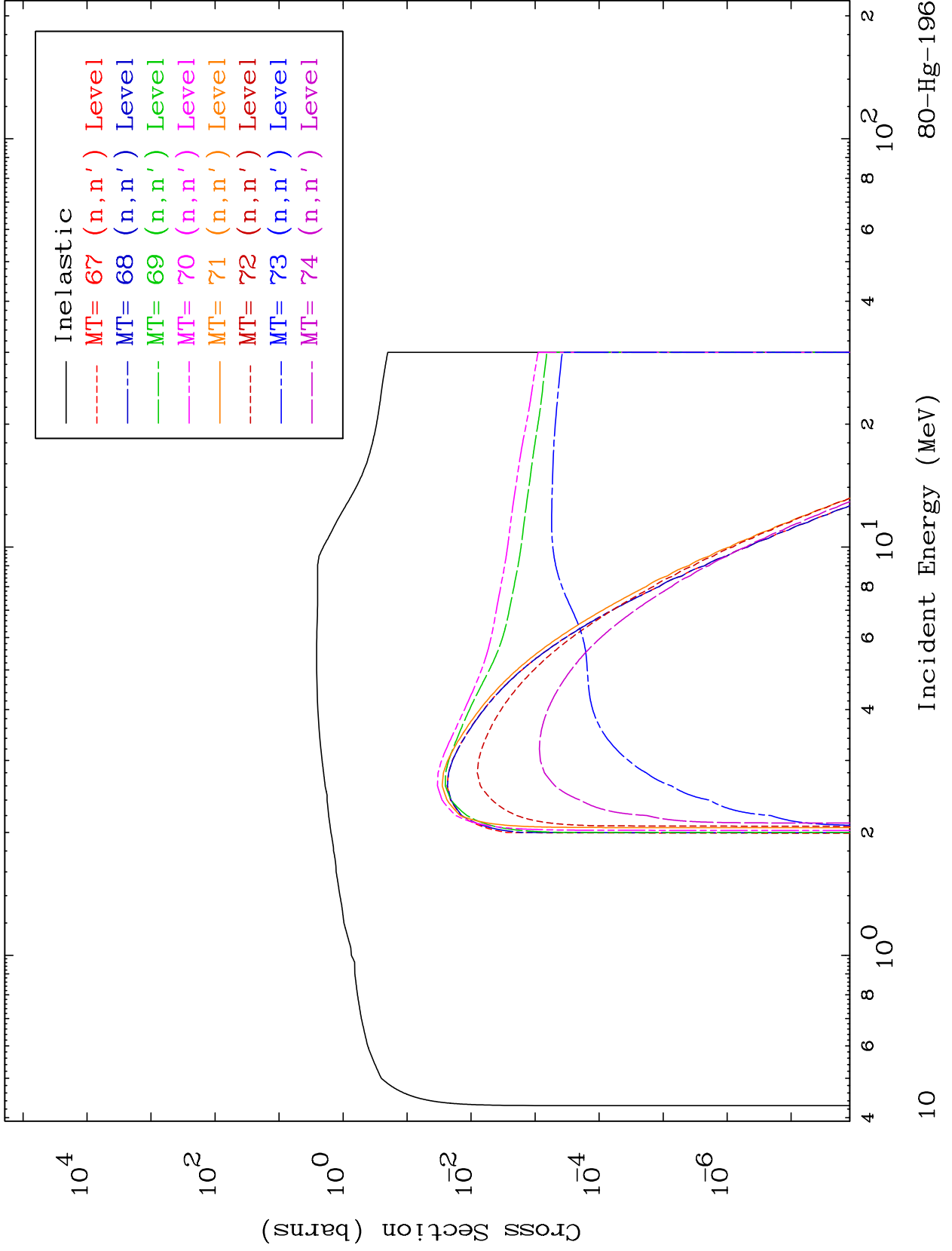


MAT 8025

(n,n') Levels

293 Kelvin Cross Sections

80-Hg-196

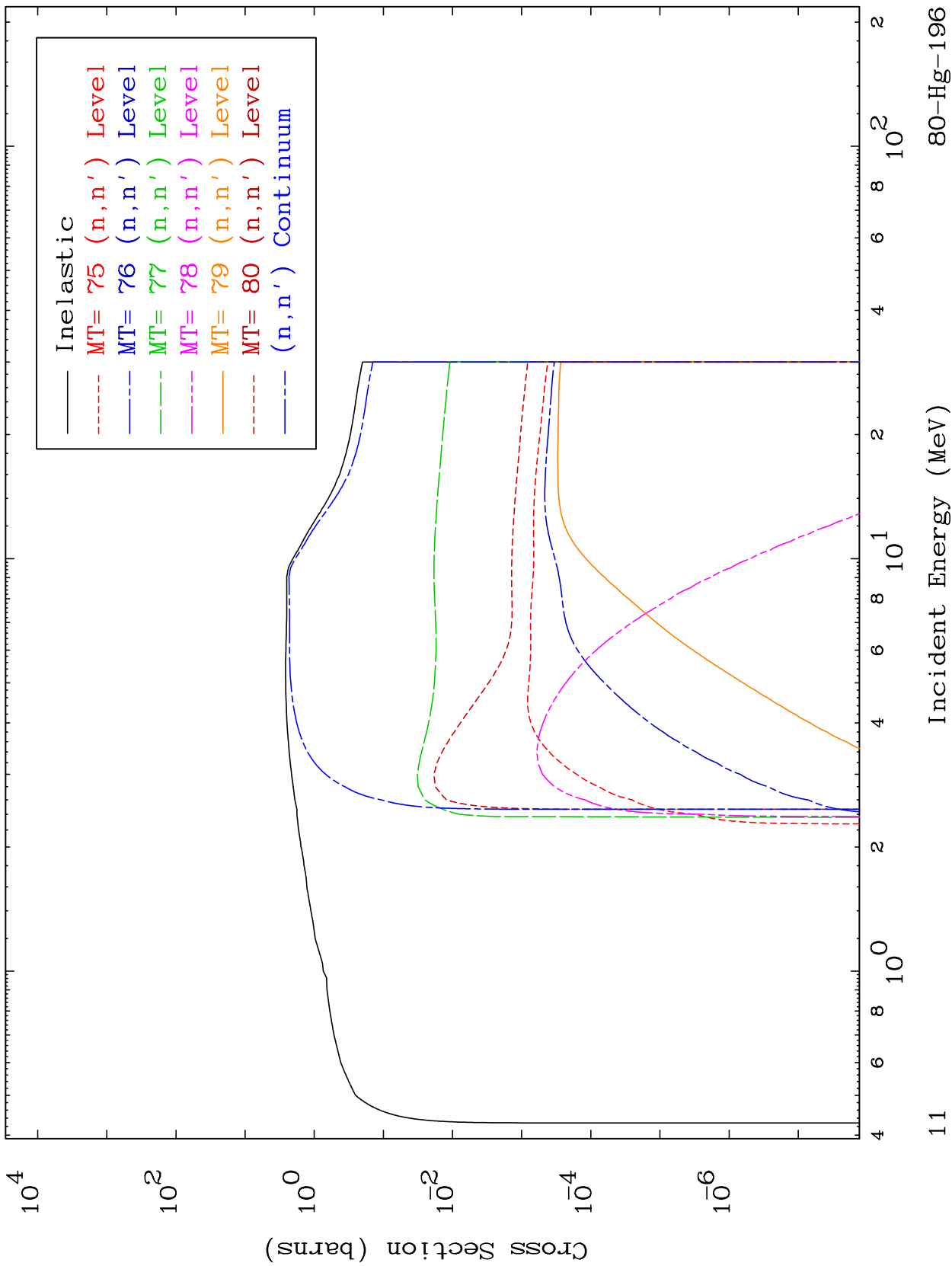


MAT 8025

(n,n') Levels

80-Hg-196

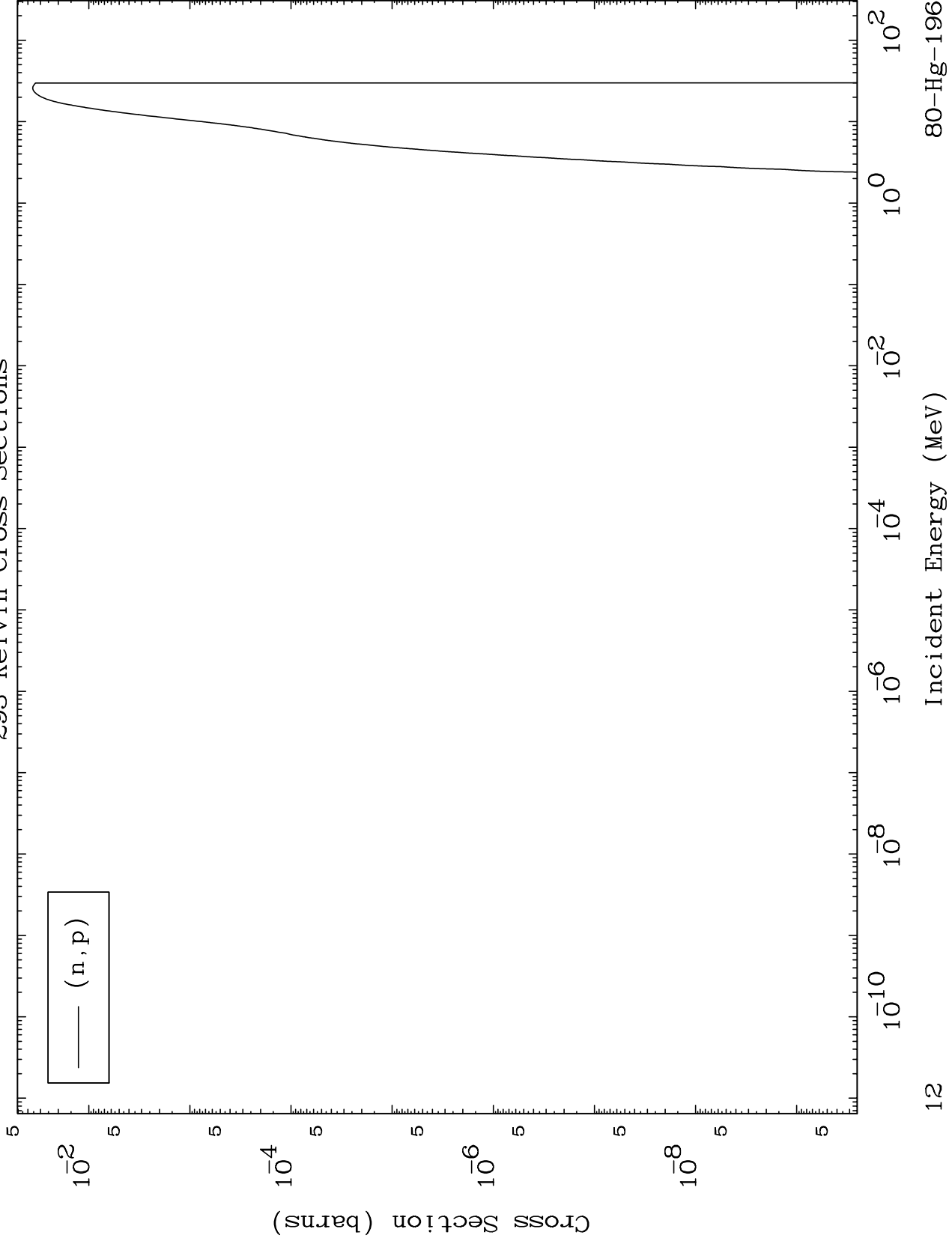
293 Kelvin Cross Sections



MAT 8025

(n,p) Levels  
293 Kelvin Cross Sections

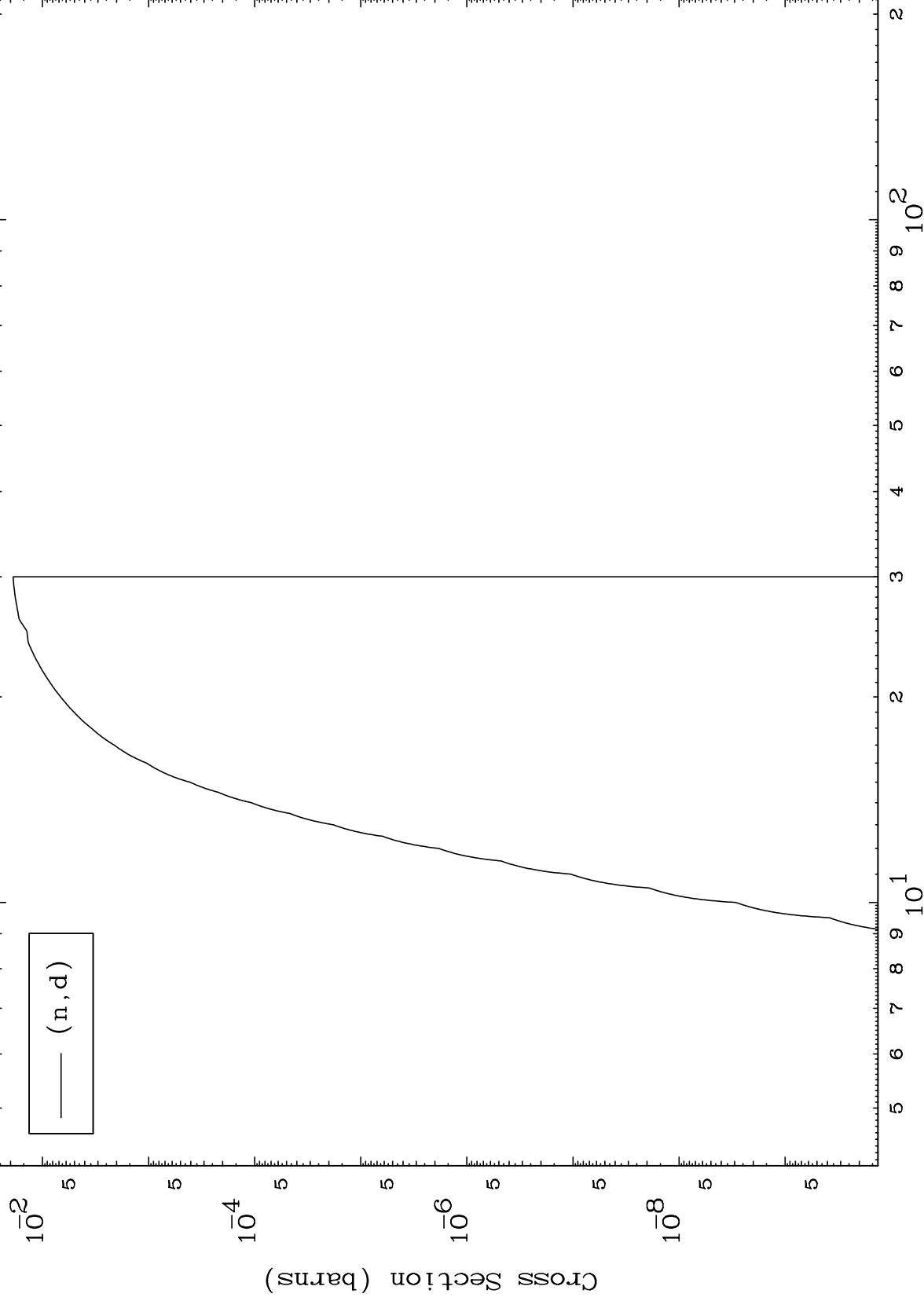
80-Hg-196



MAT 8025

(n,d) Levels  
293 Kelvin Cross Sections

80-Hg-196



13

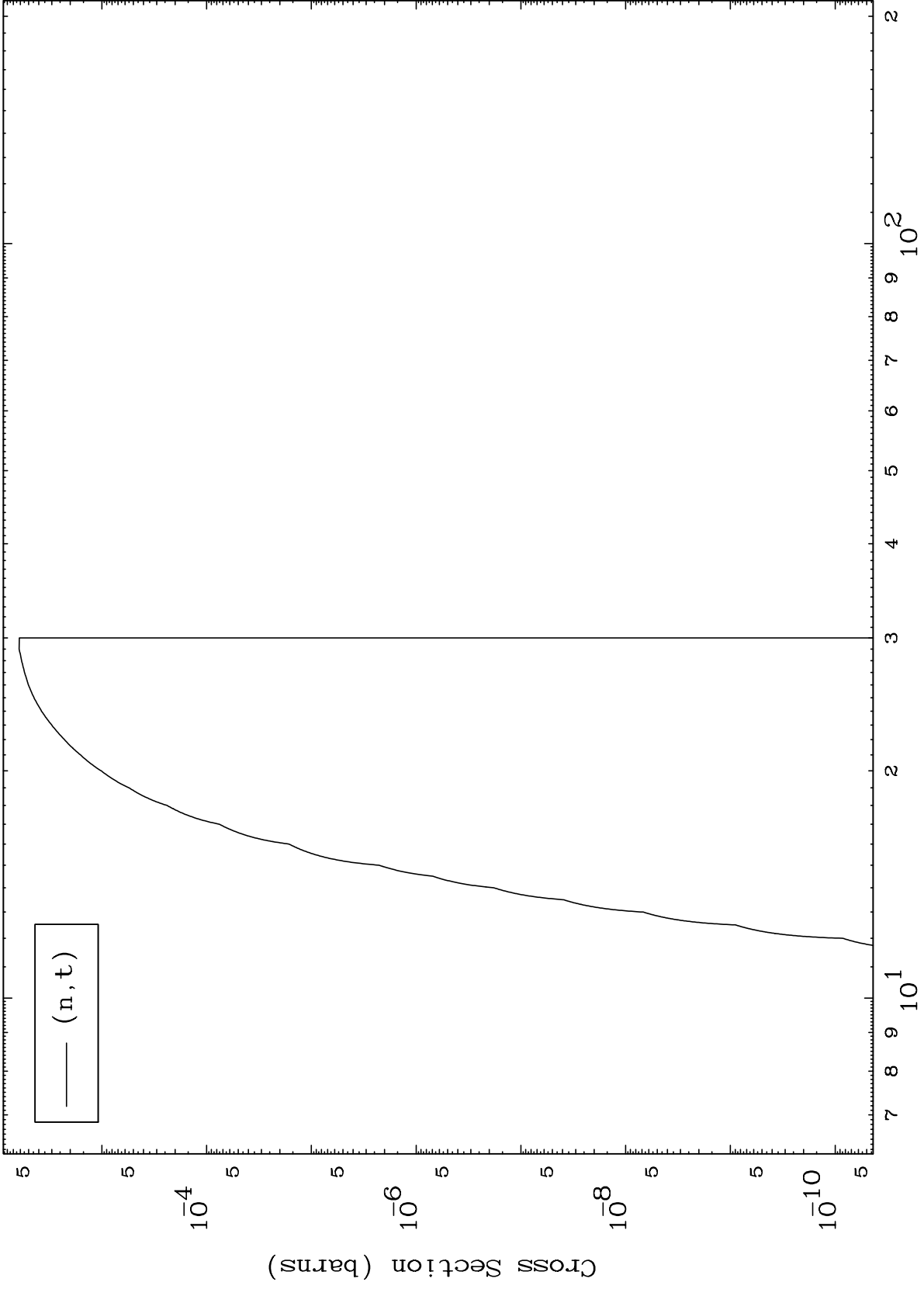
Incident Energy (MeV)

80-Hg-196

MAT 8025

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-196



14

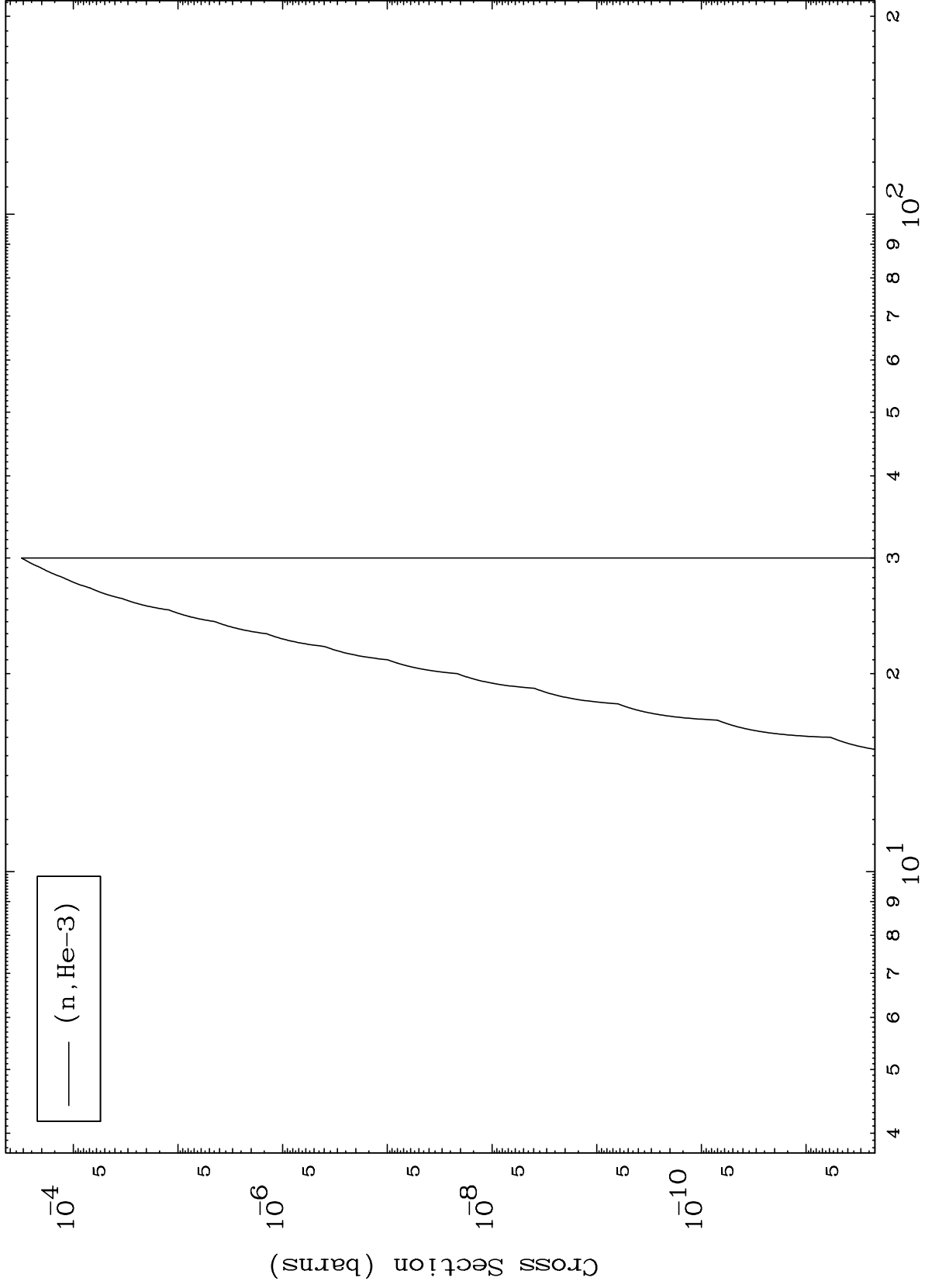
Incident Energy (MeV)

80-Hg-196

MAT 8025

(n,He3) Levels  
293 Kelvin Cross Sections

80-Hg-196



15

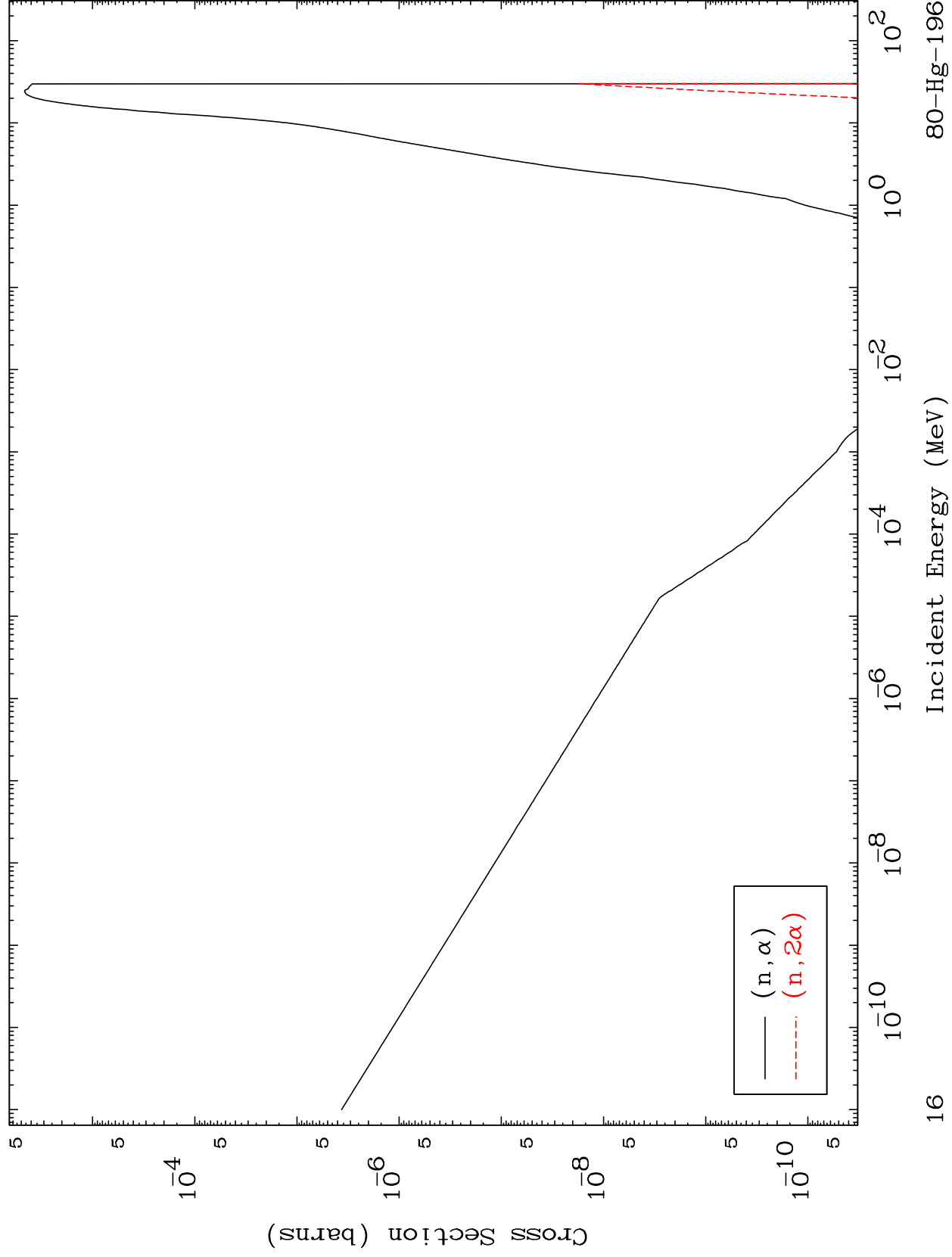
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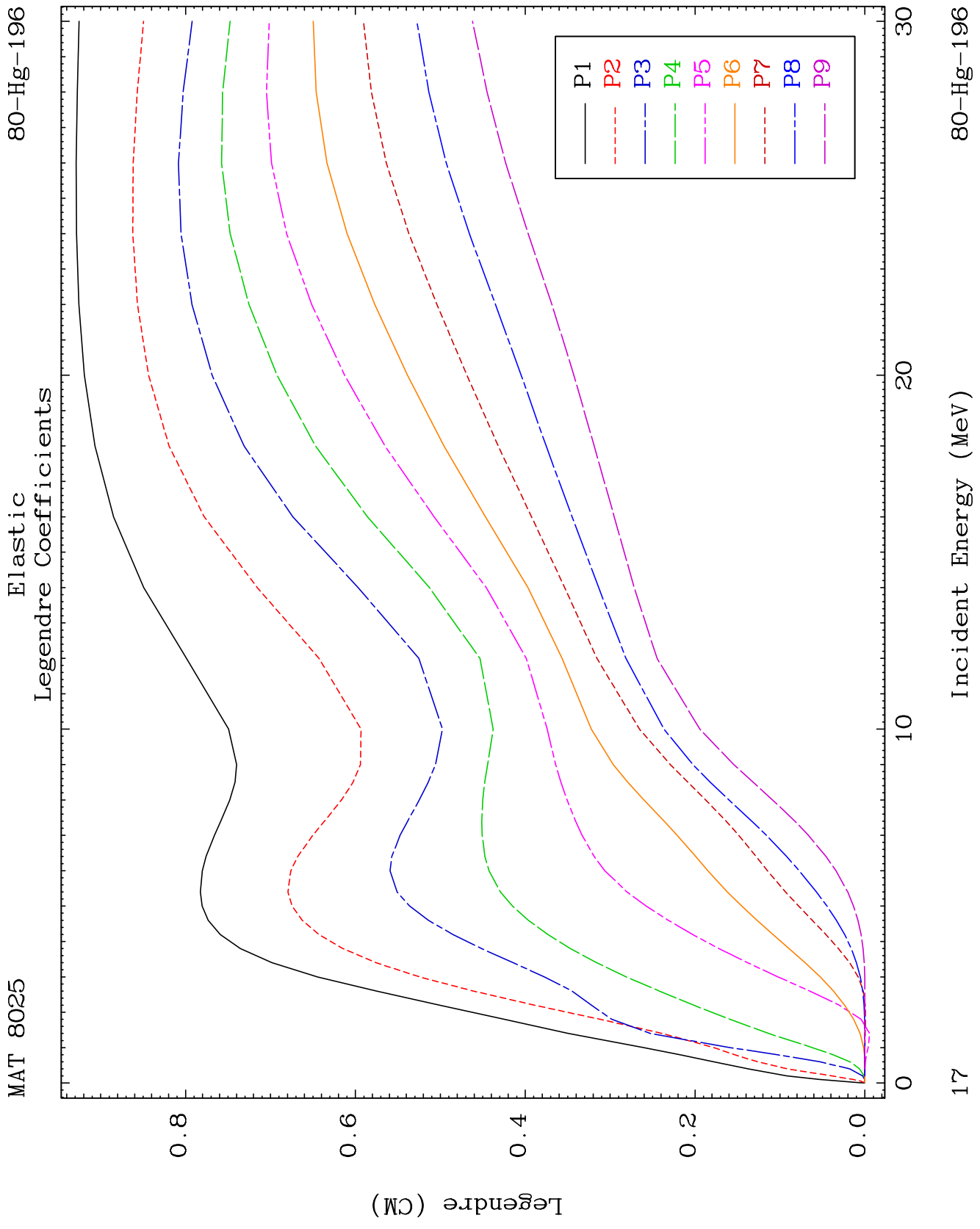
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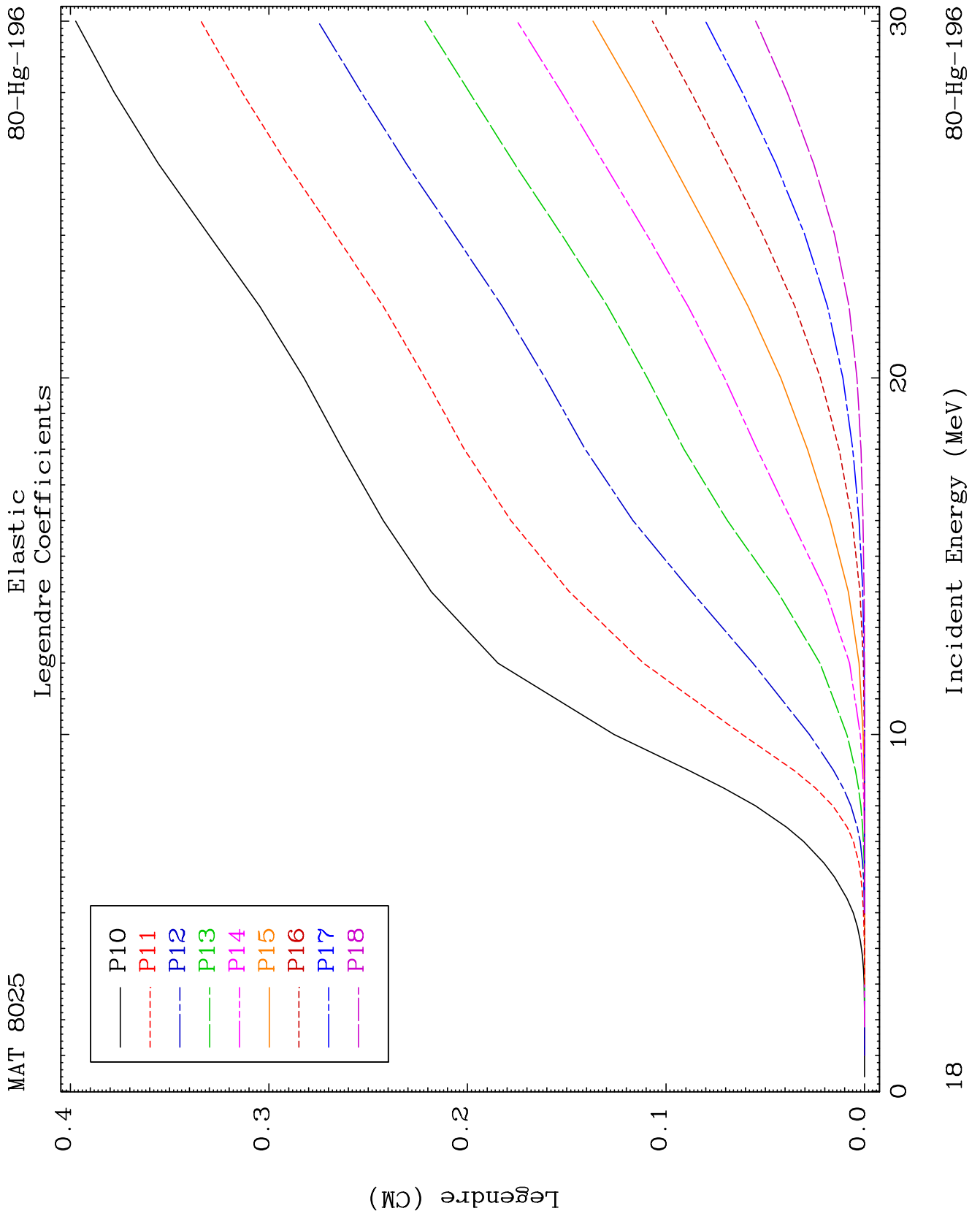
MAT 8025

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

80-Hg-196







MAT 8025

Elastic Legendre Coefficients

80-Hg-196

18

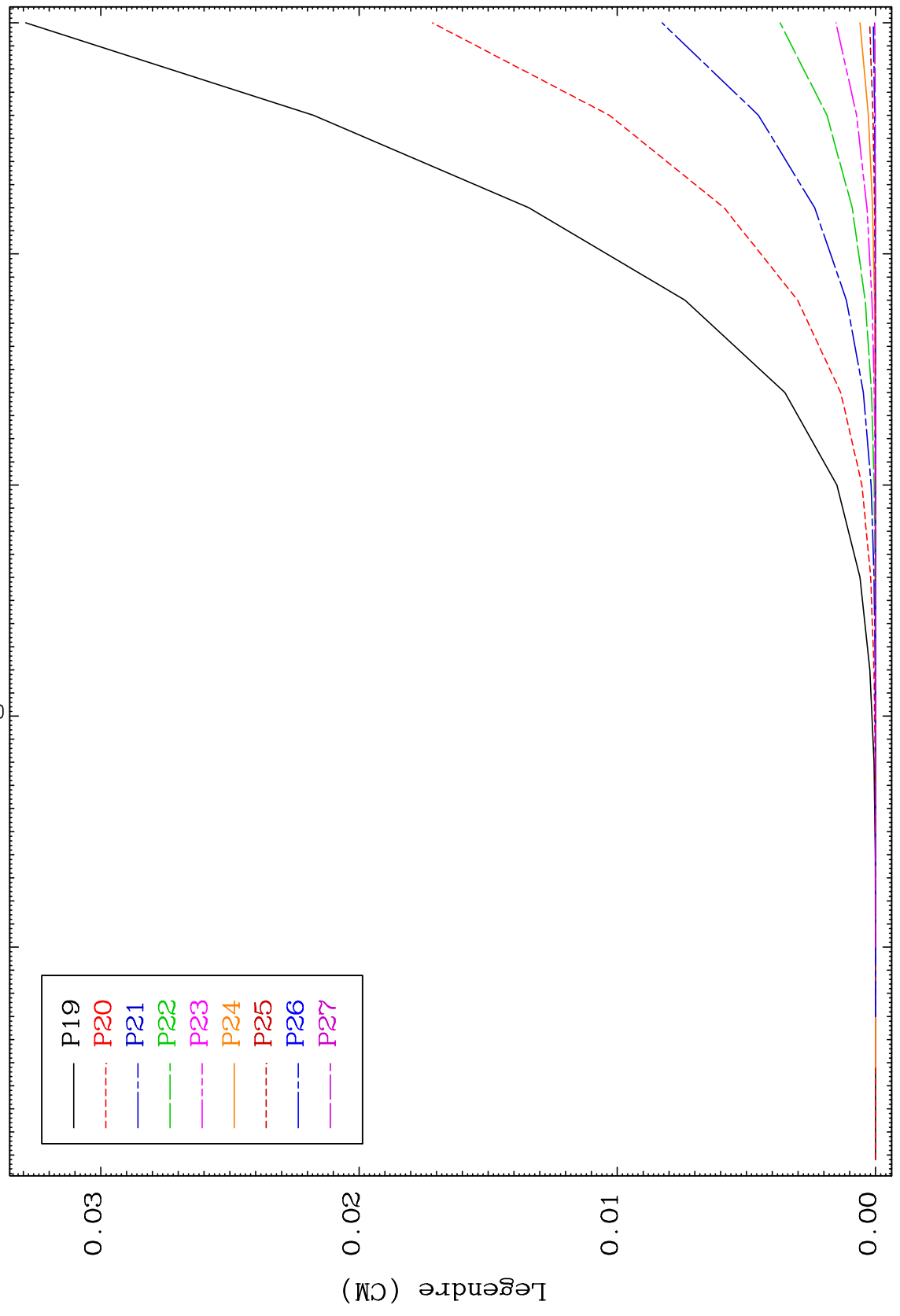
Incident Energy (MeV)

80-Hg-196

MAT 8025

Elastic Legendre Coefficients

80-Hg-196



19

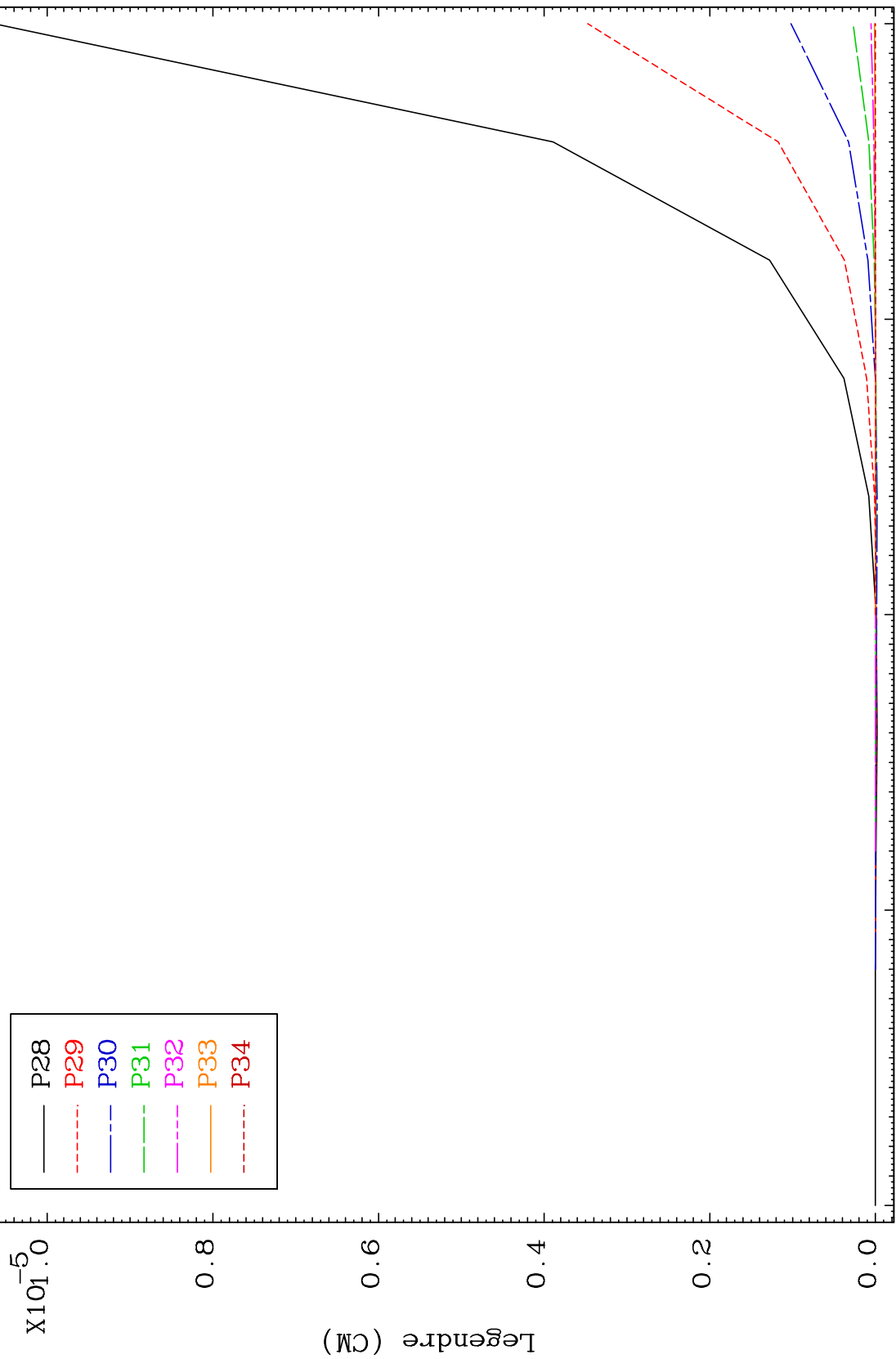
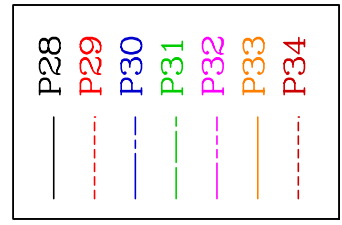
Incident Energy (MeV)

80-Hg-196

MAT 8025

Elastic Legendre Coefficients

80-Hg-196



80-Hg-196

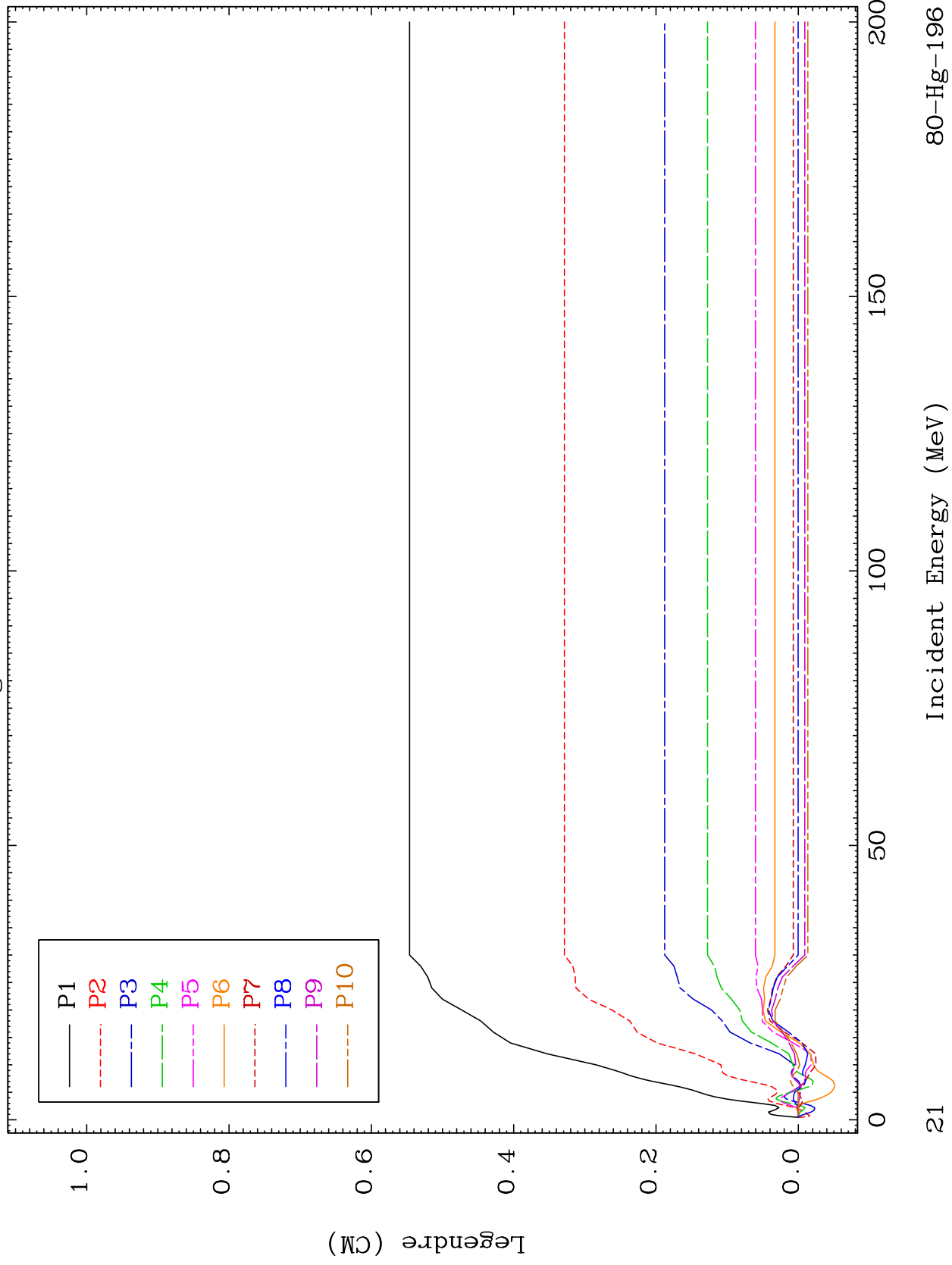
Incident Energy (MeV)

20

MAT 8025

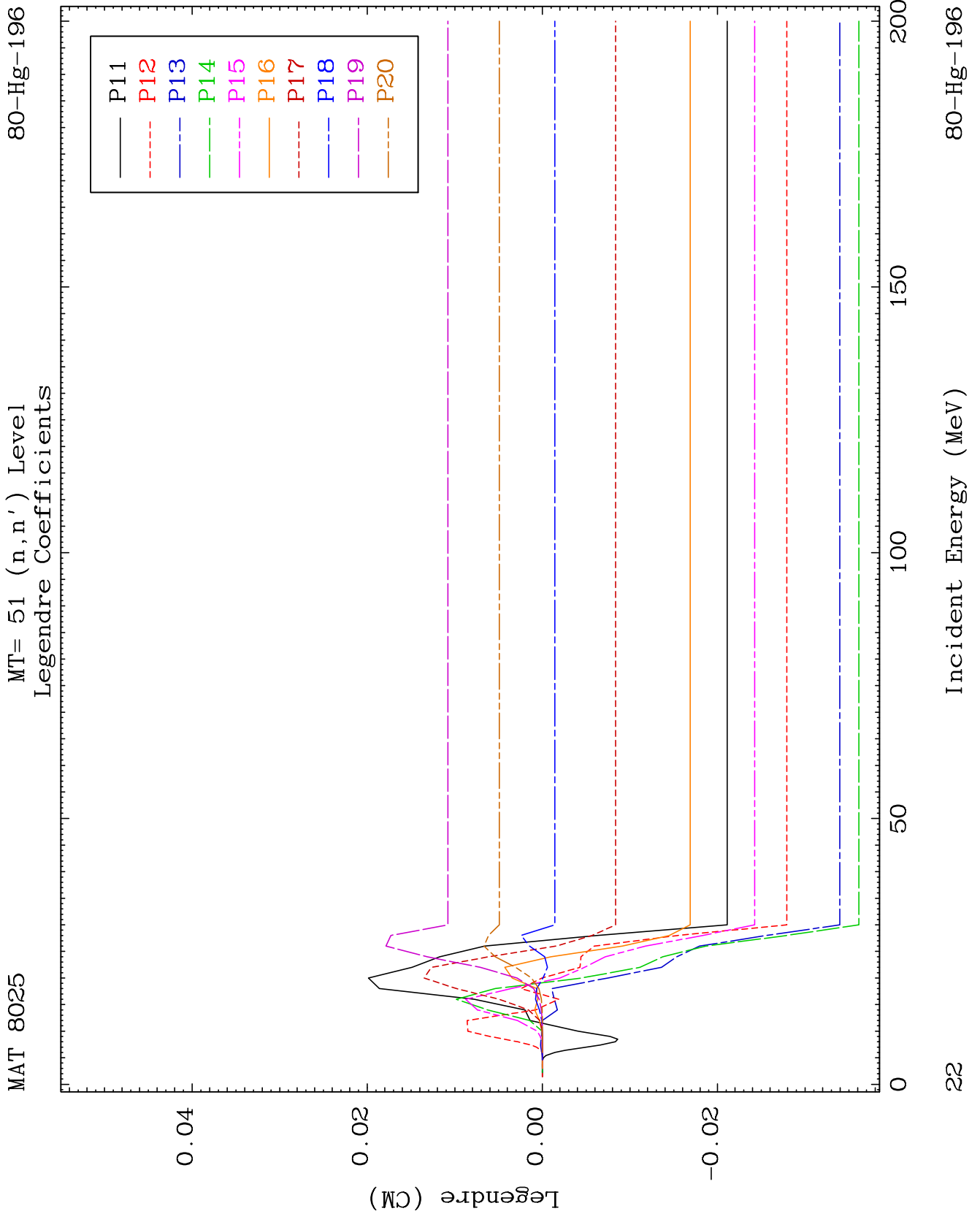
MT= 51 (n,n') Level  
Legendre Coefficients

80-Hg-196



21

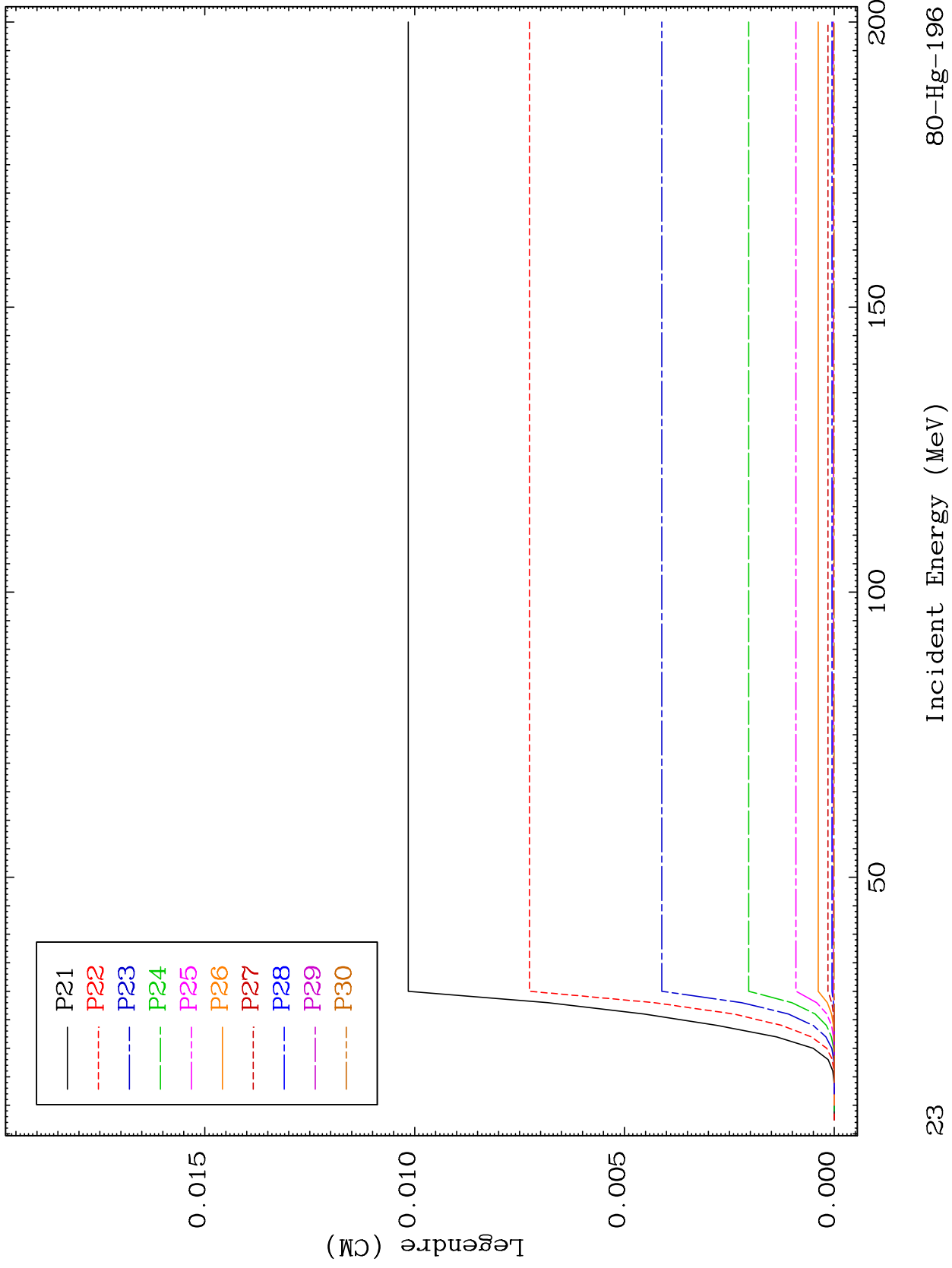
80-Hg-196



MAT 8025

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

80-Hg-196



23

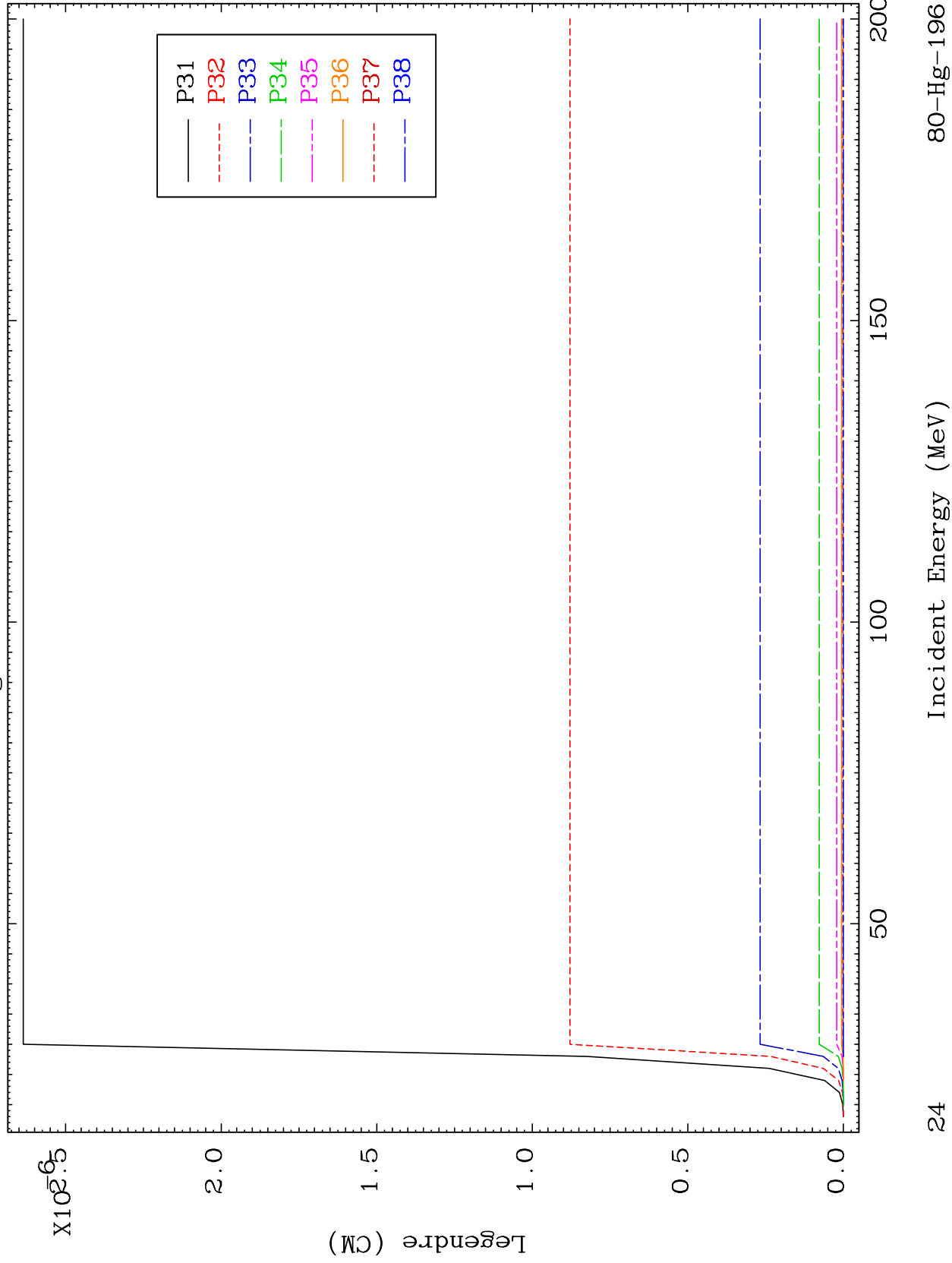
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



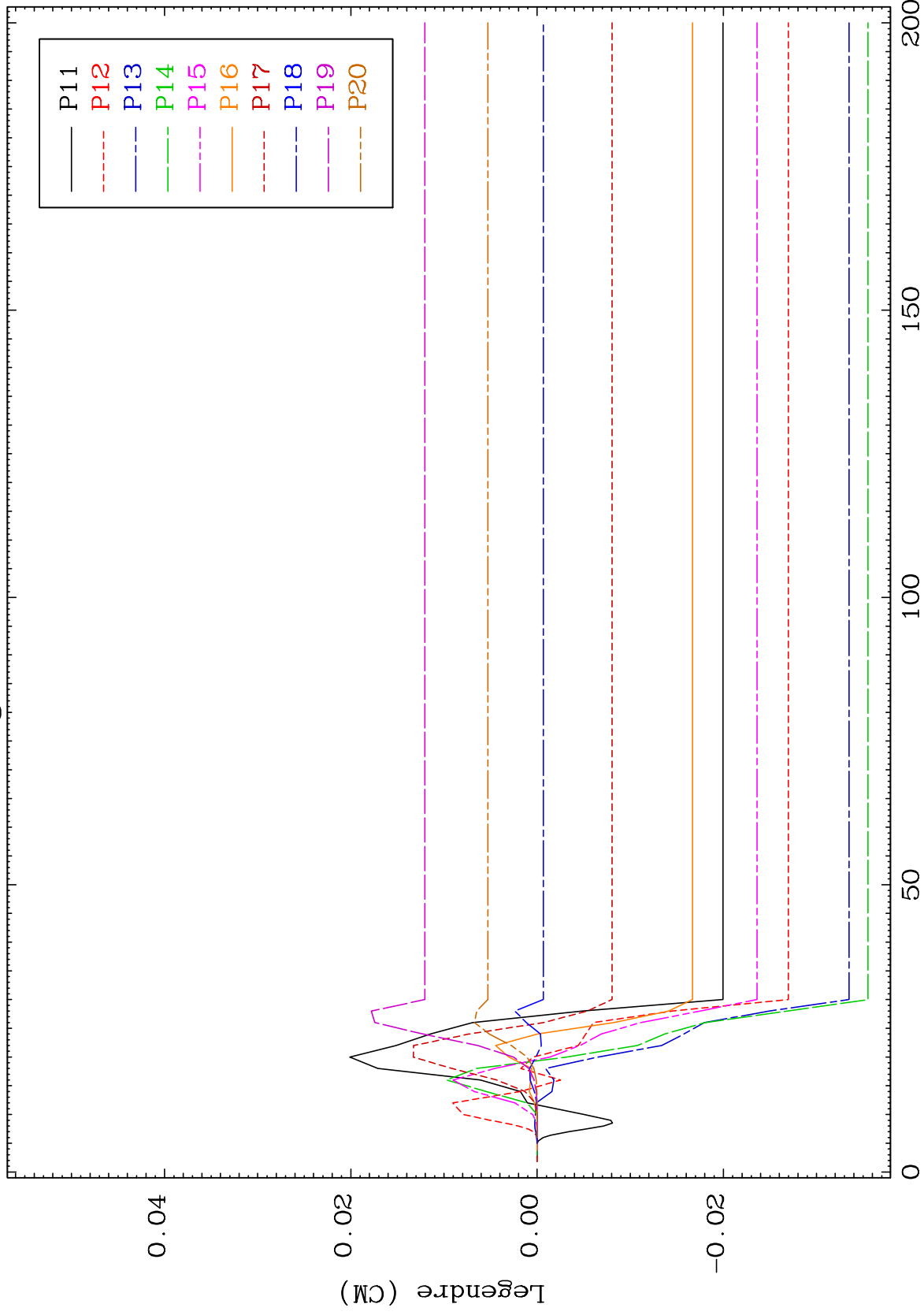
24



MAT 8025

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

80-Hg-196



26

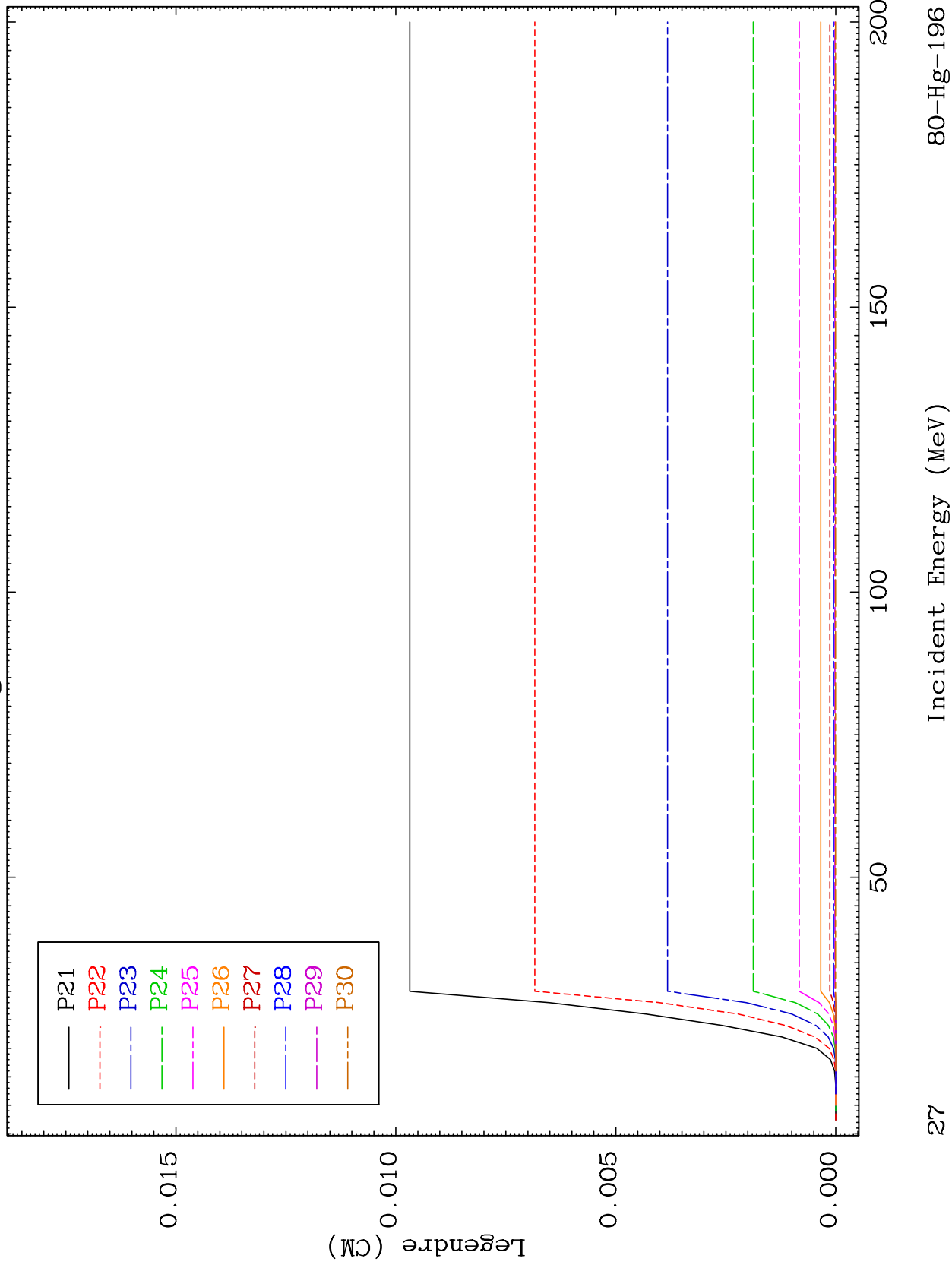
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



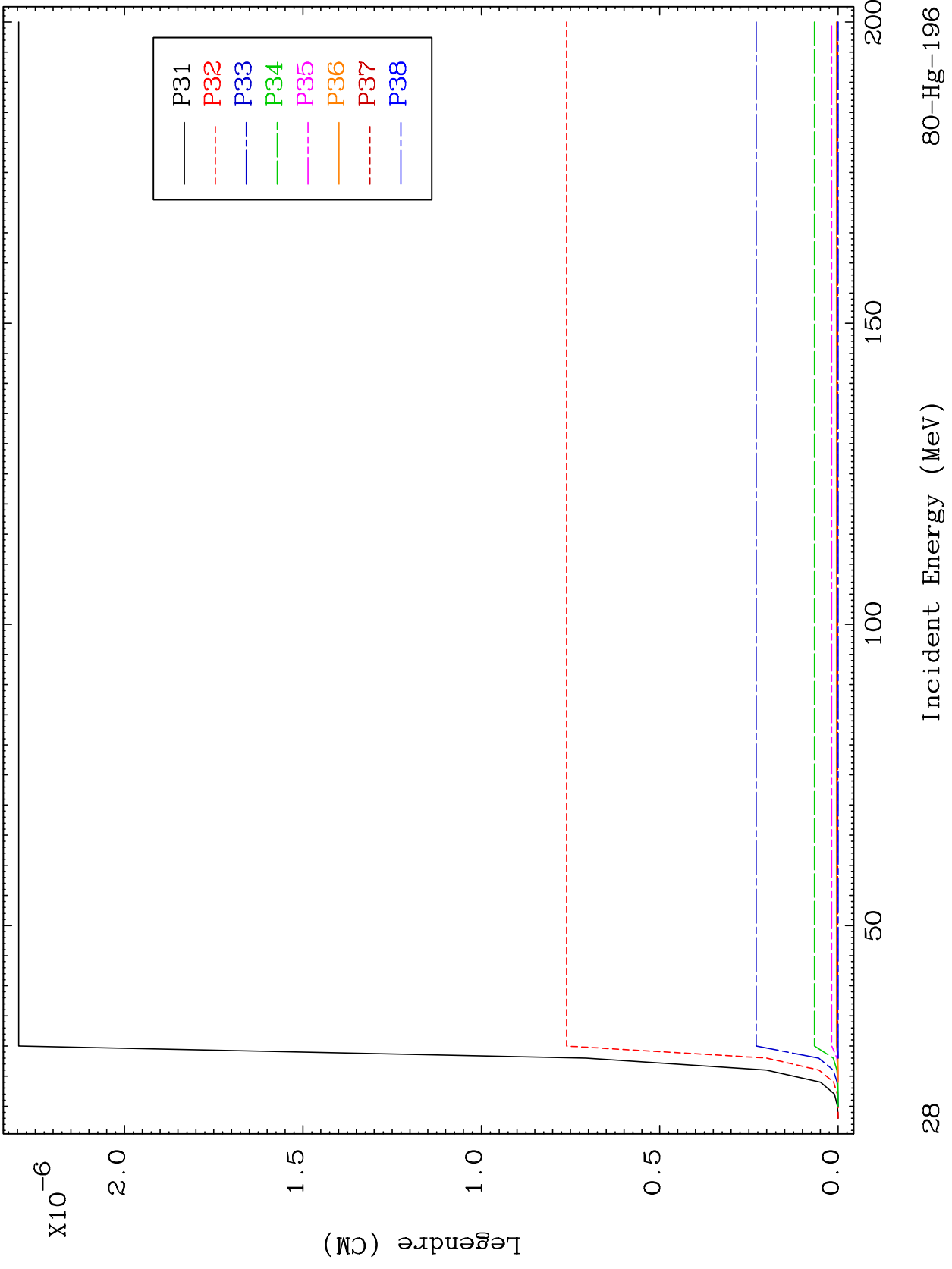
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80-Hg-196

MAT 8025

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

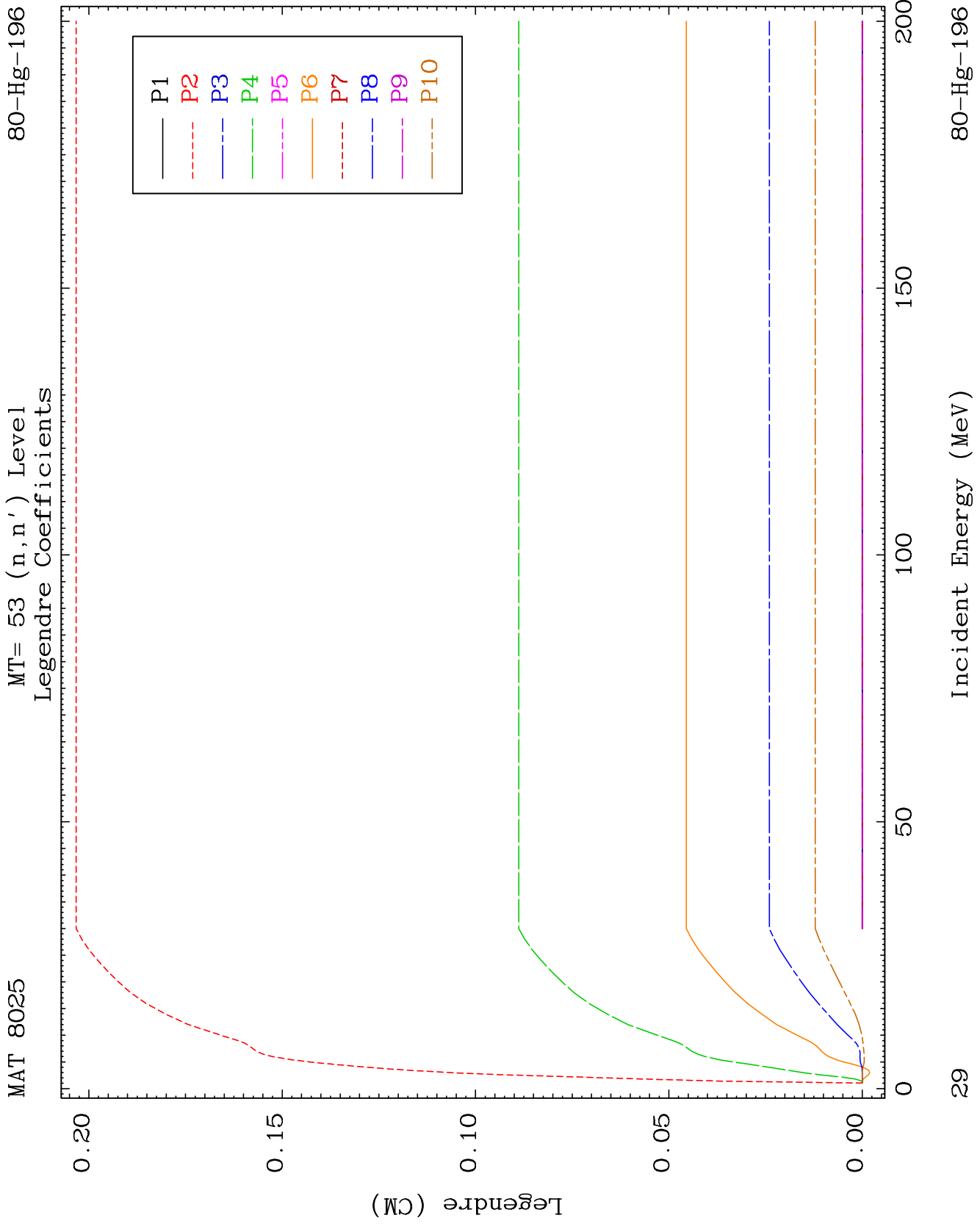
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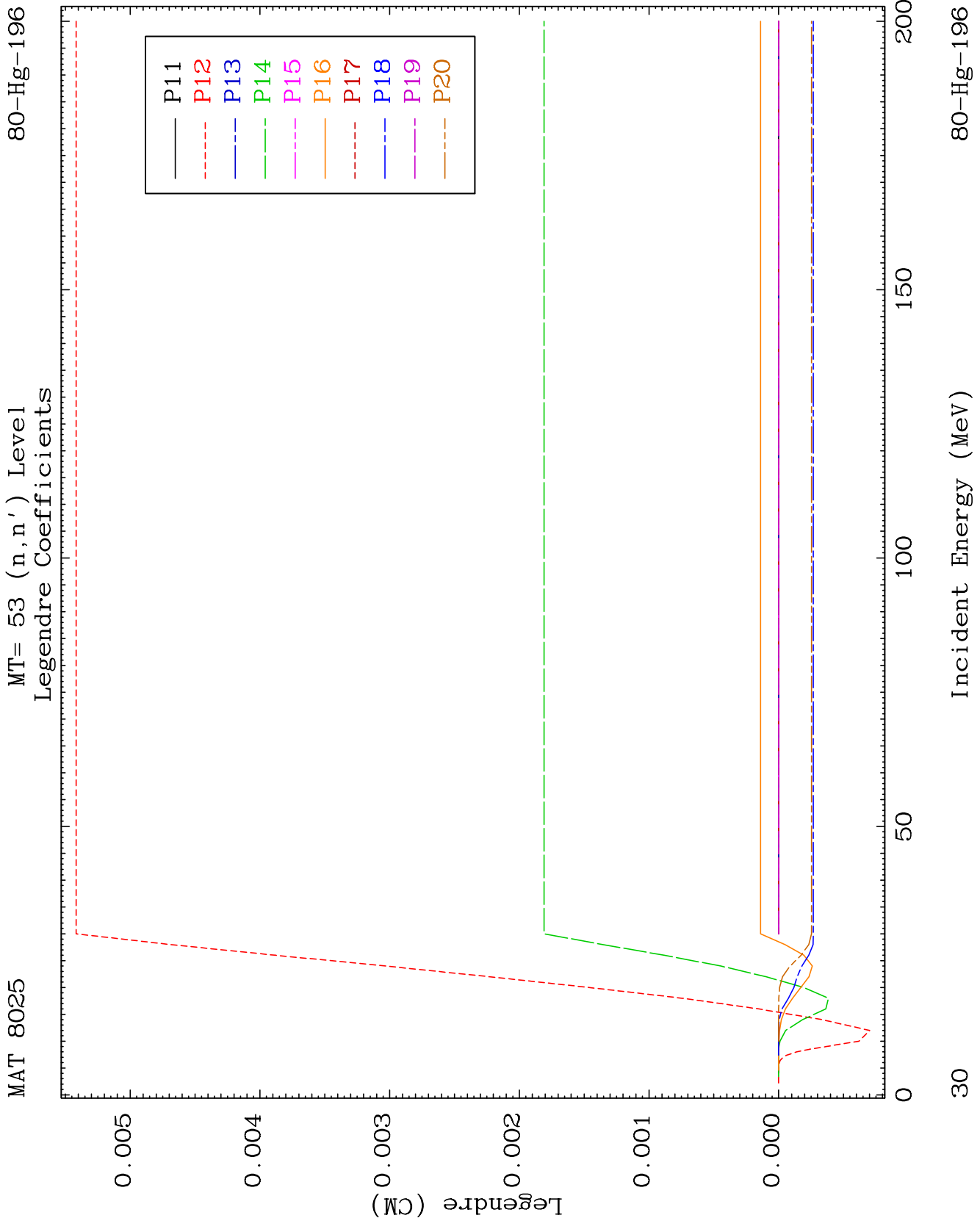


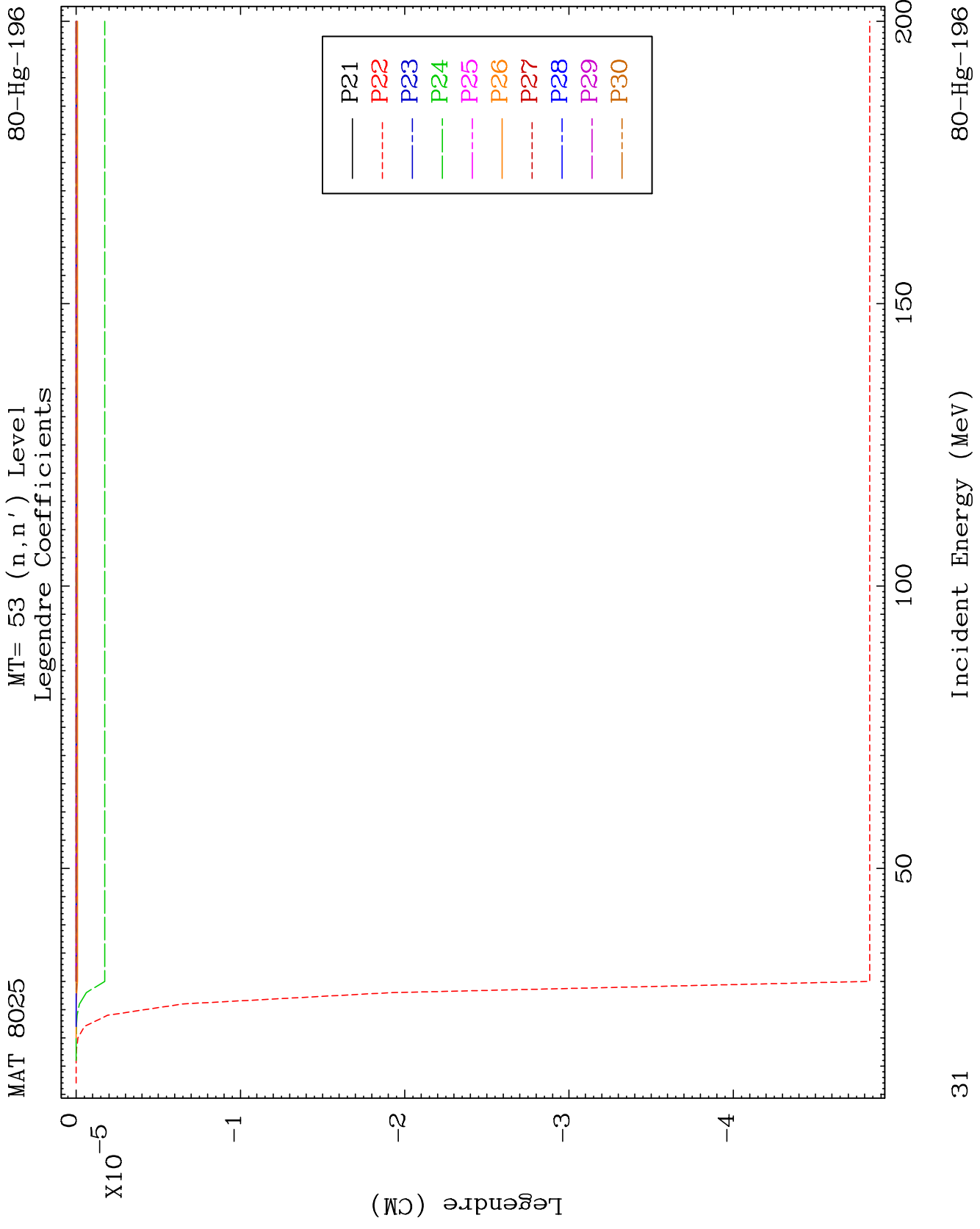
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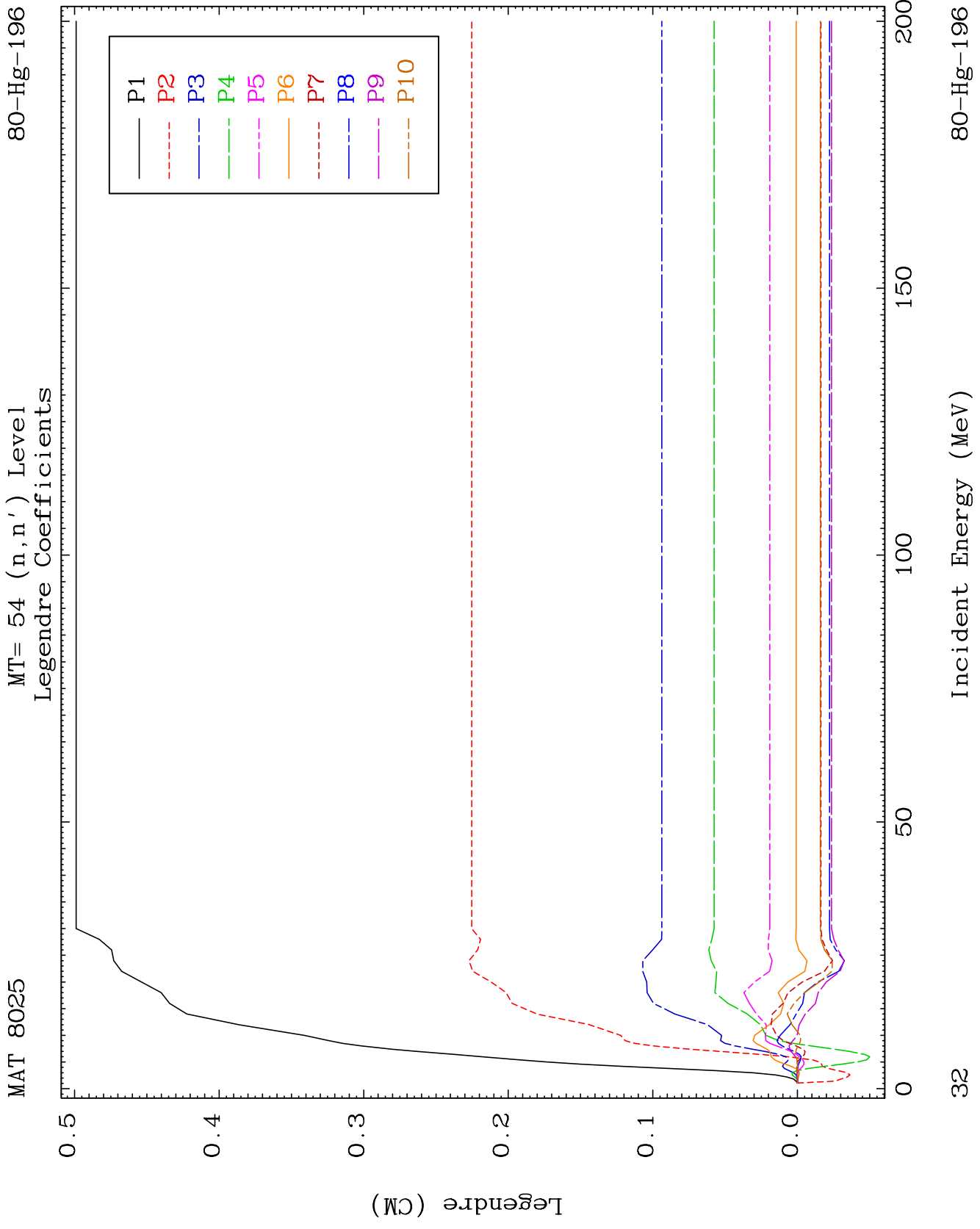
Incident Energy (MeV)

80-Hg-196





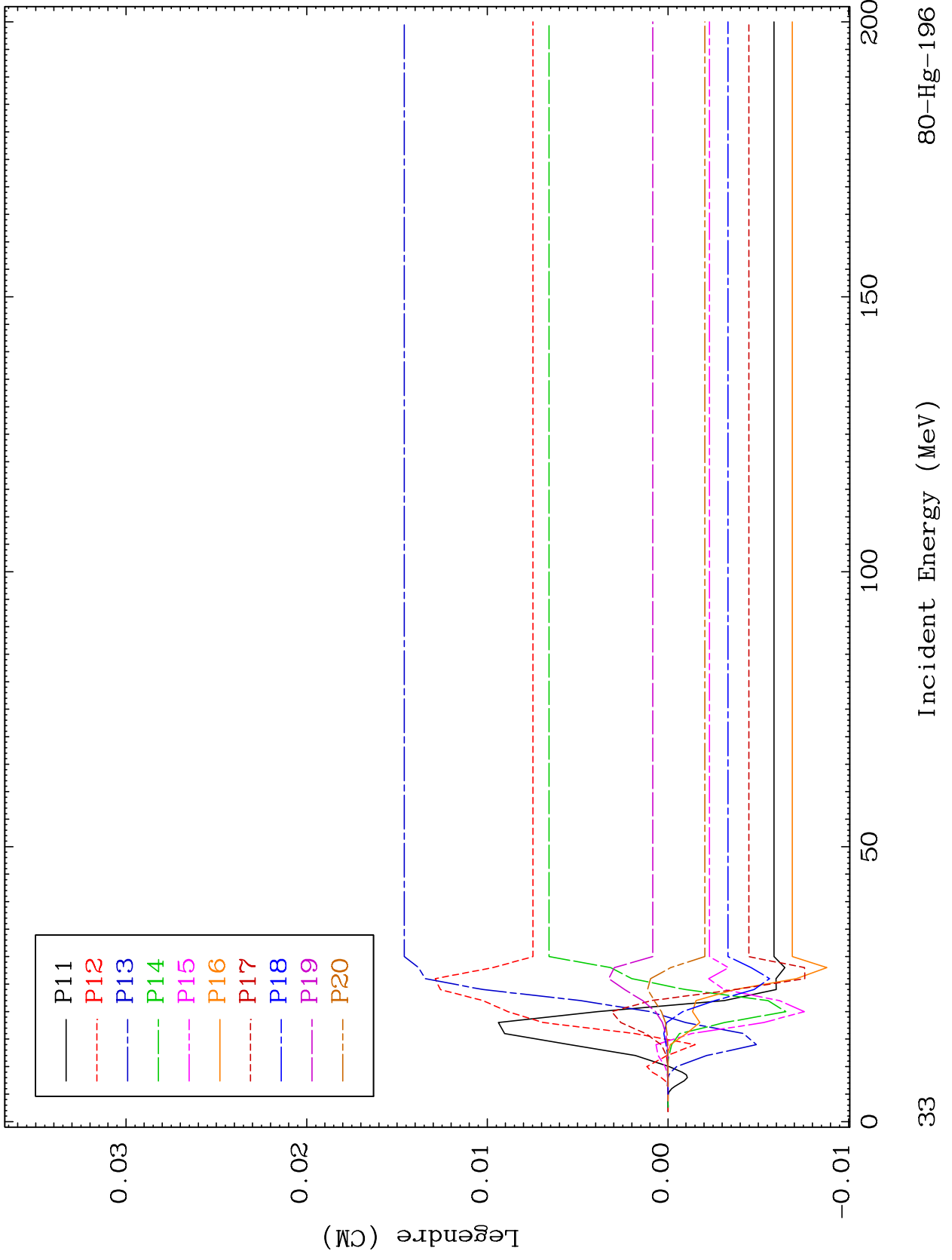


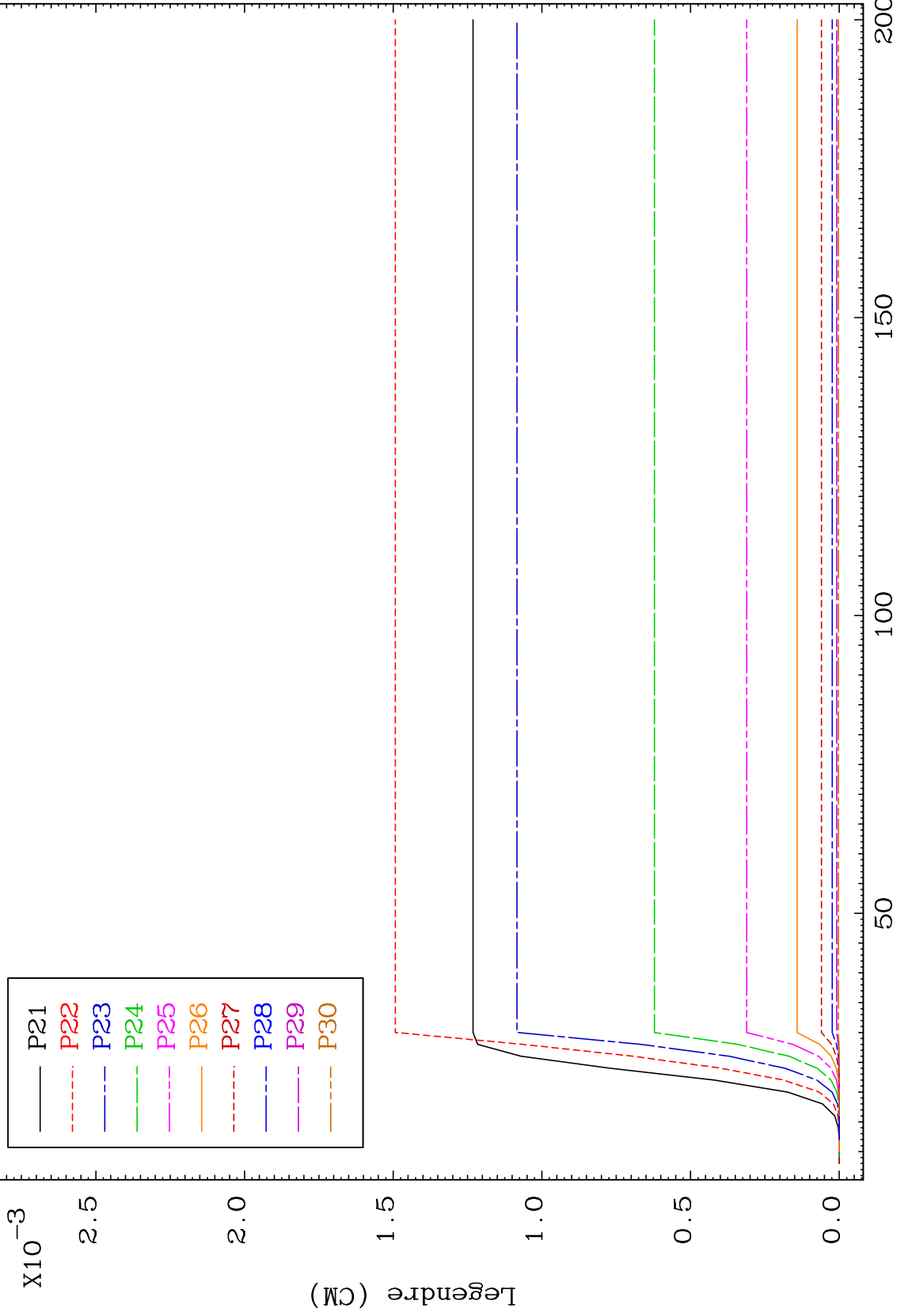


MAT 8025

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

80-Hg-196

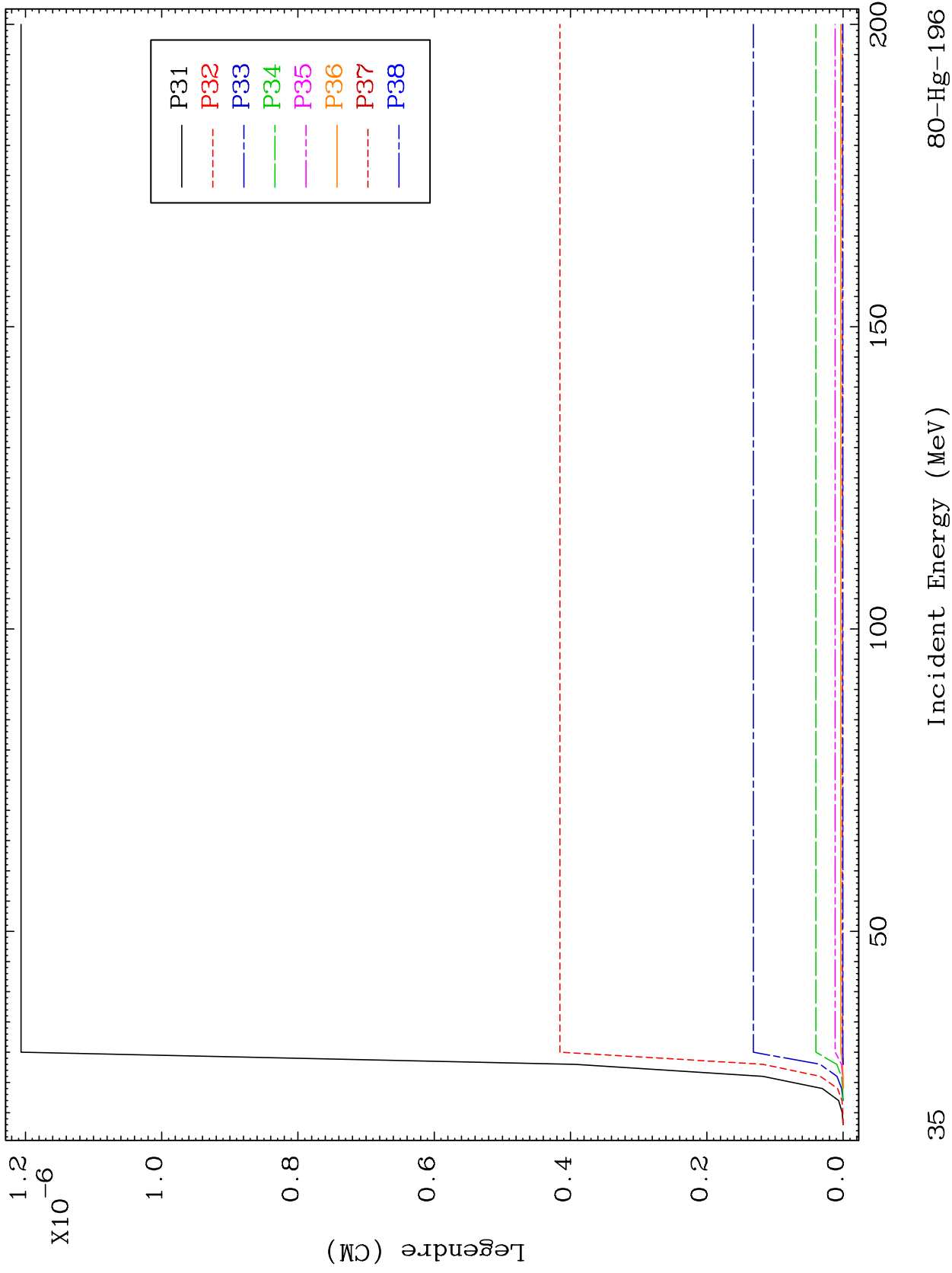




MAT 8025

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

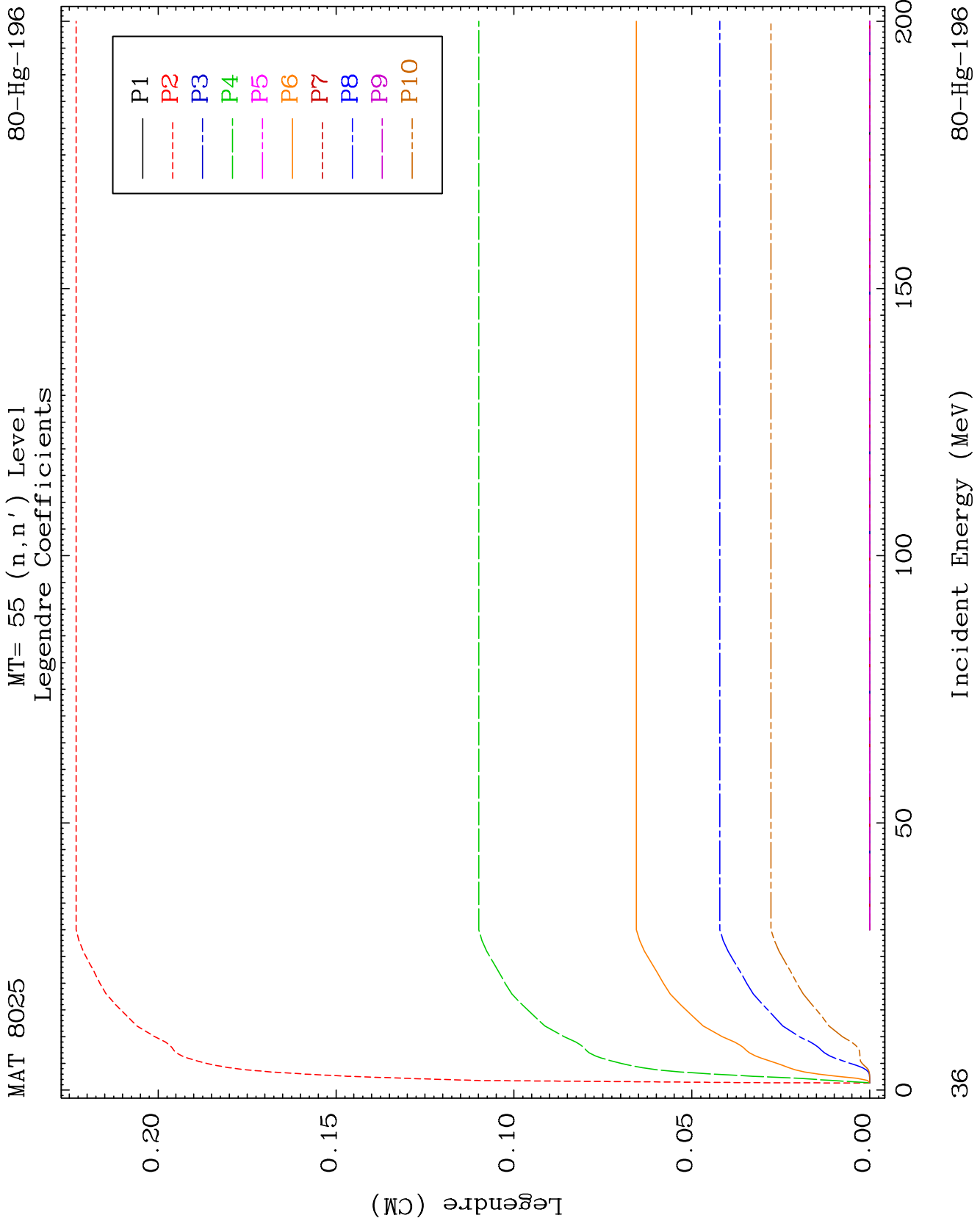
80-Hg-196



35

Incident Energy (MeV)

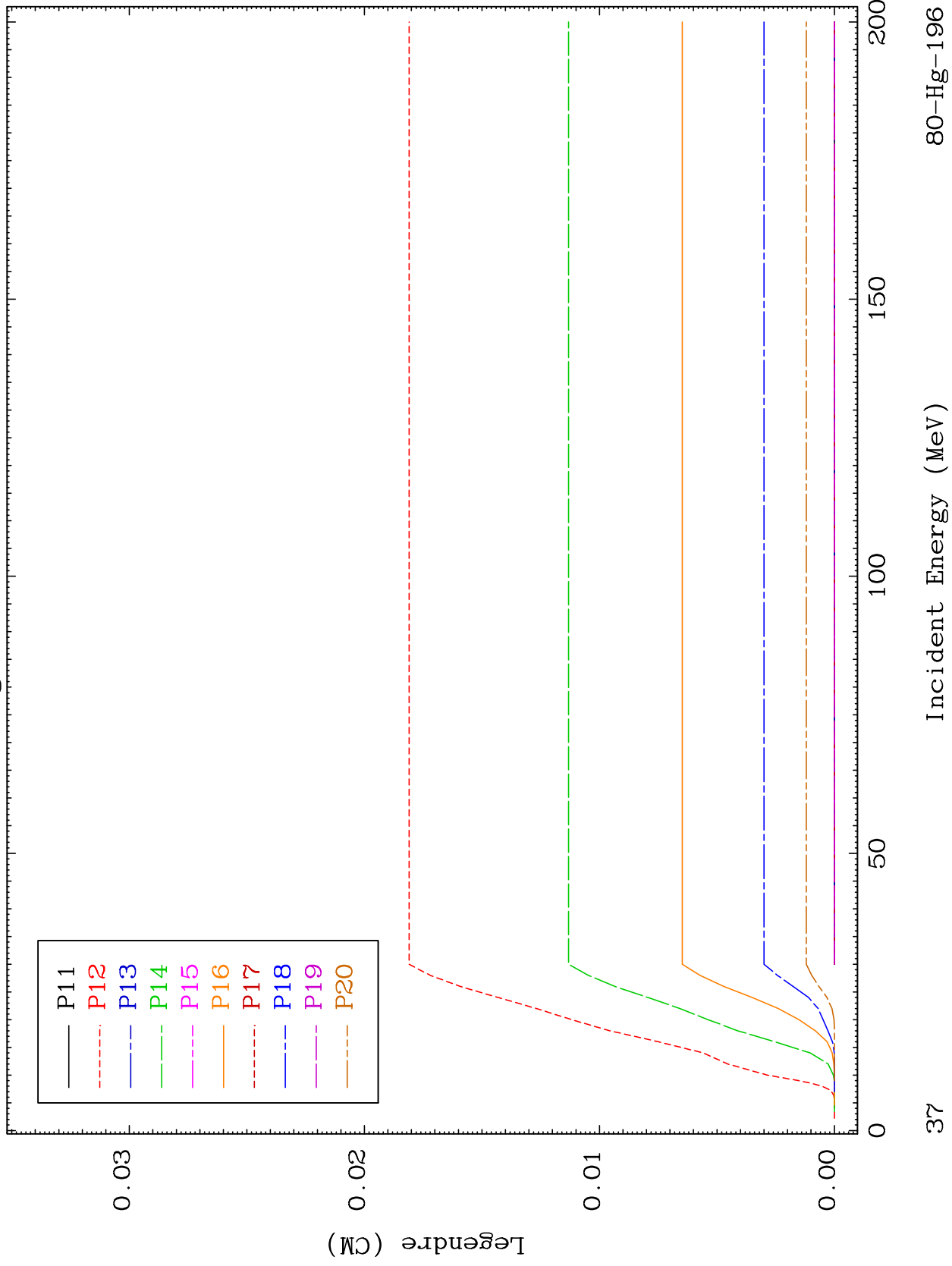
80-Hg-196

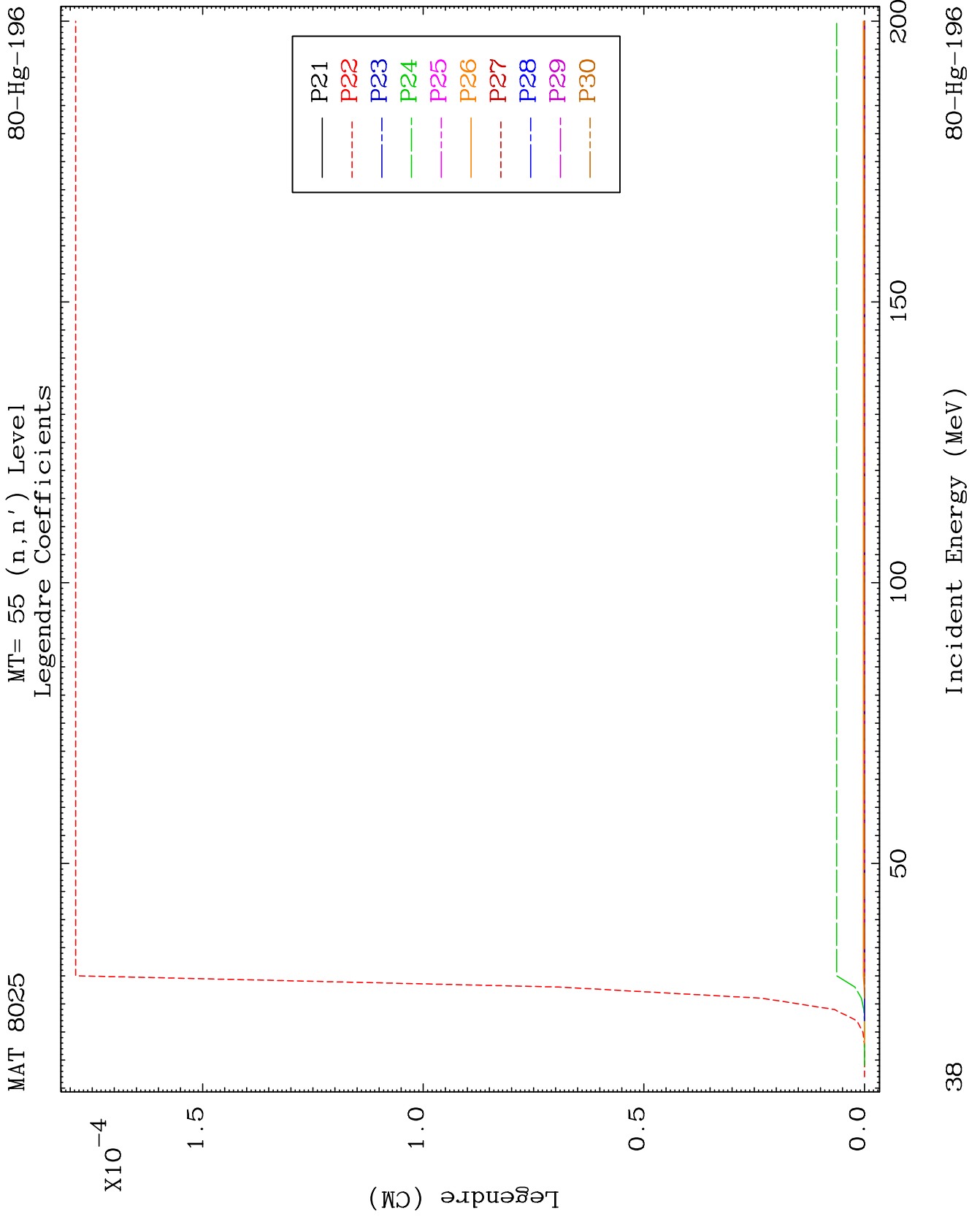


MAT 8025

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

80-Hg-196

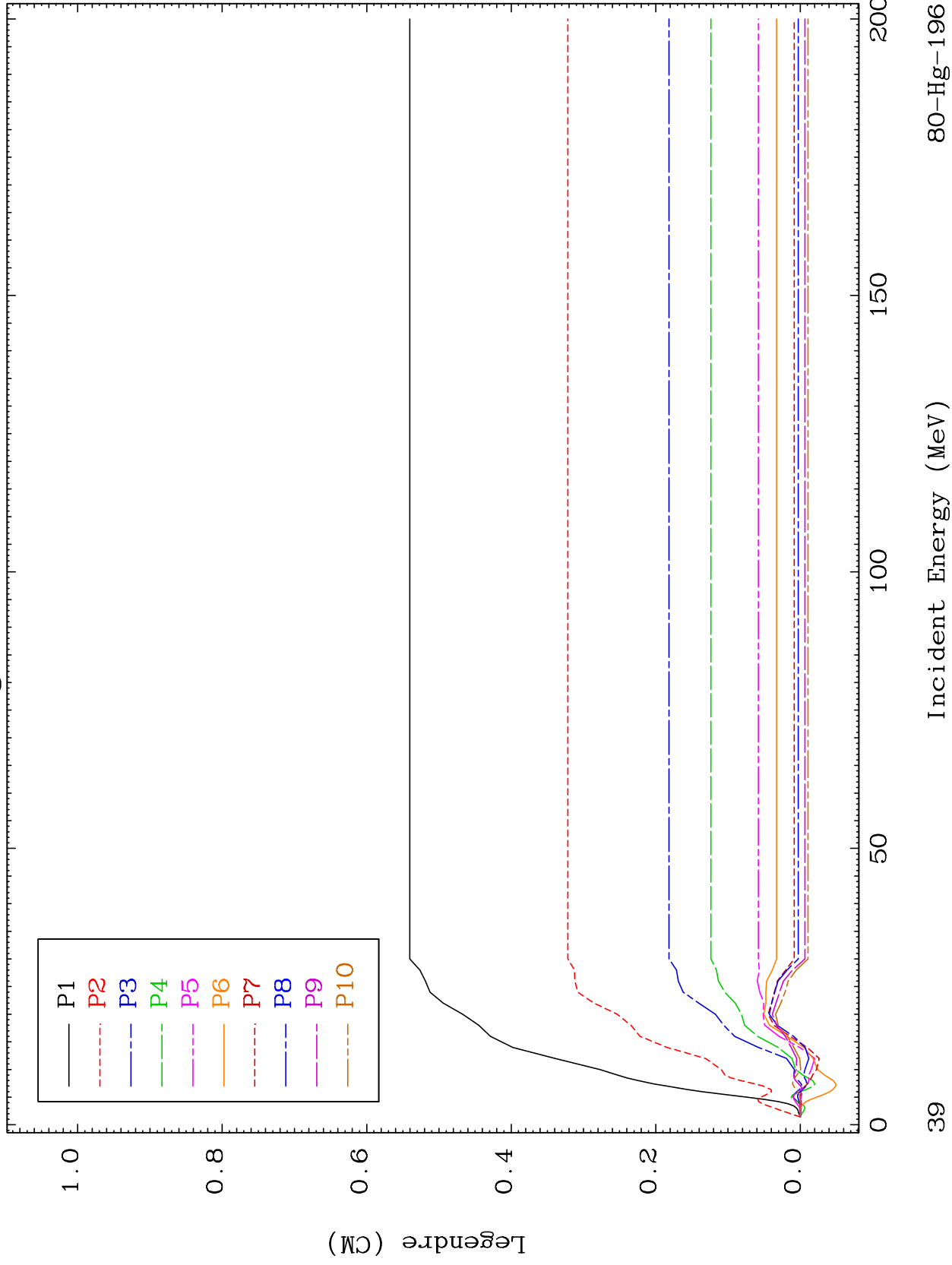




MAT 8025

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

80-Hg-196



39

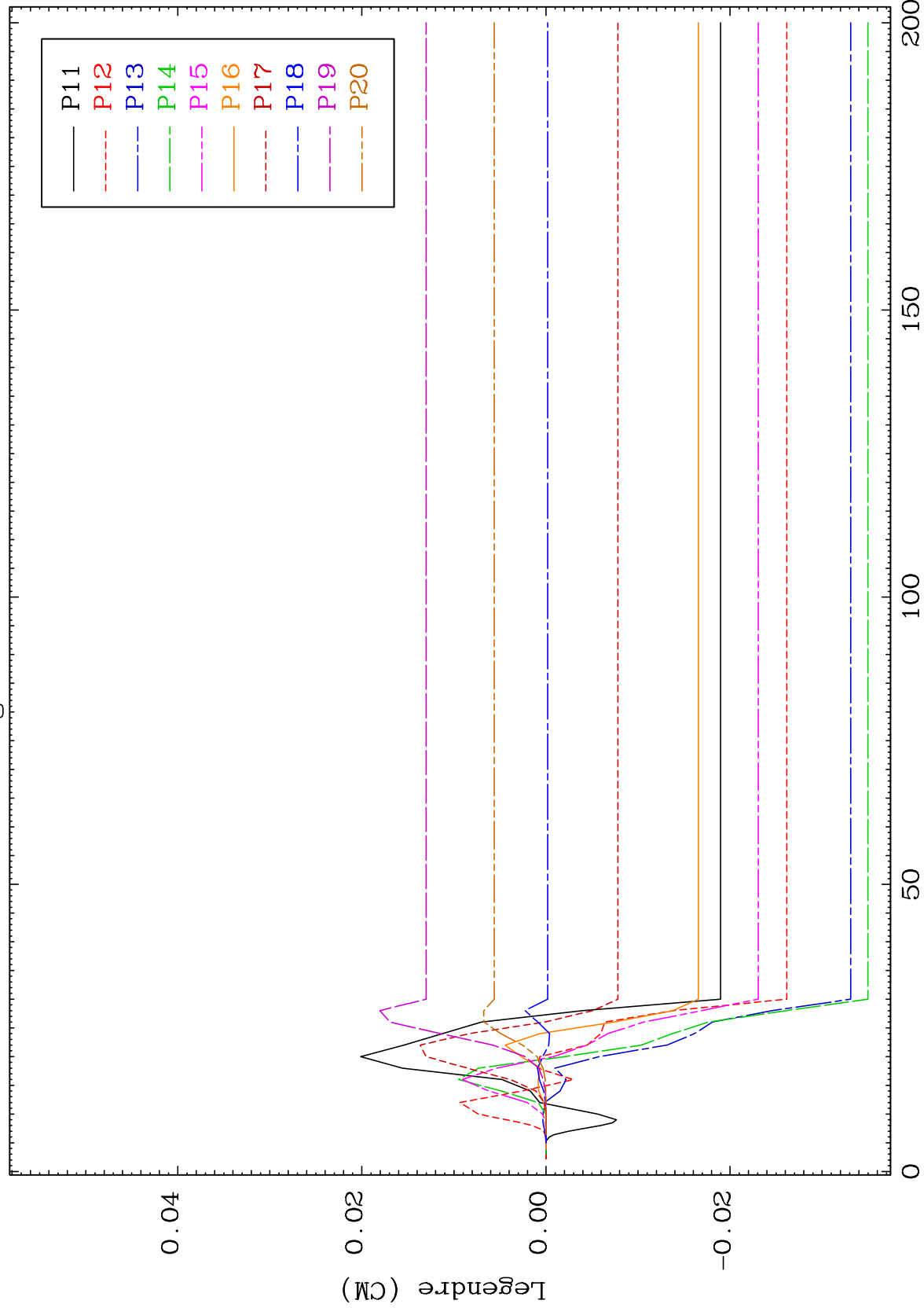
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



80-Hg-196

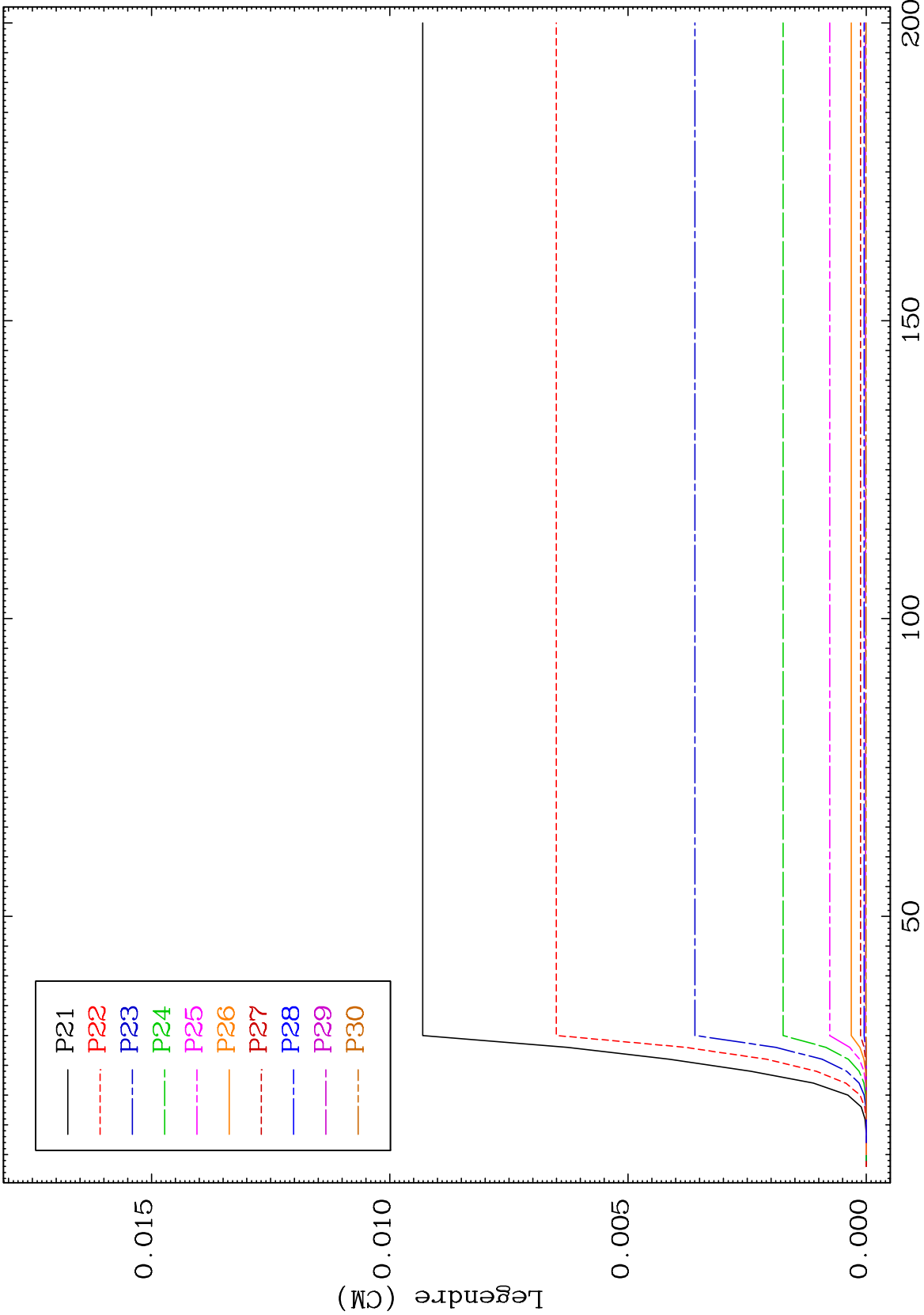
Incident Energy (MeV)

40

MAT 8025

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

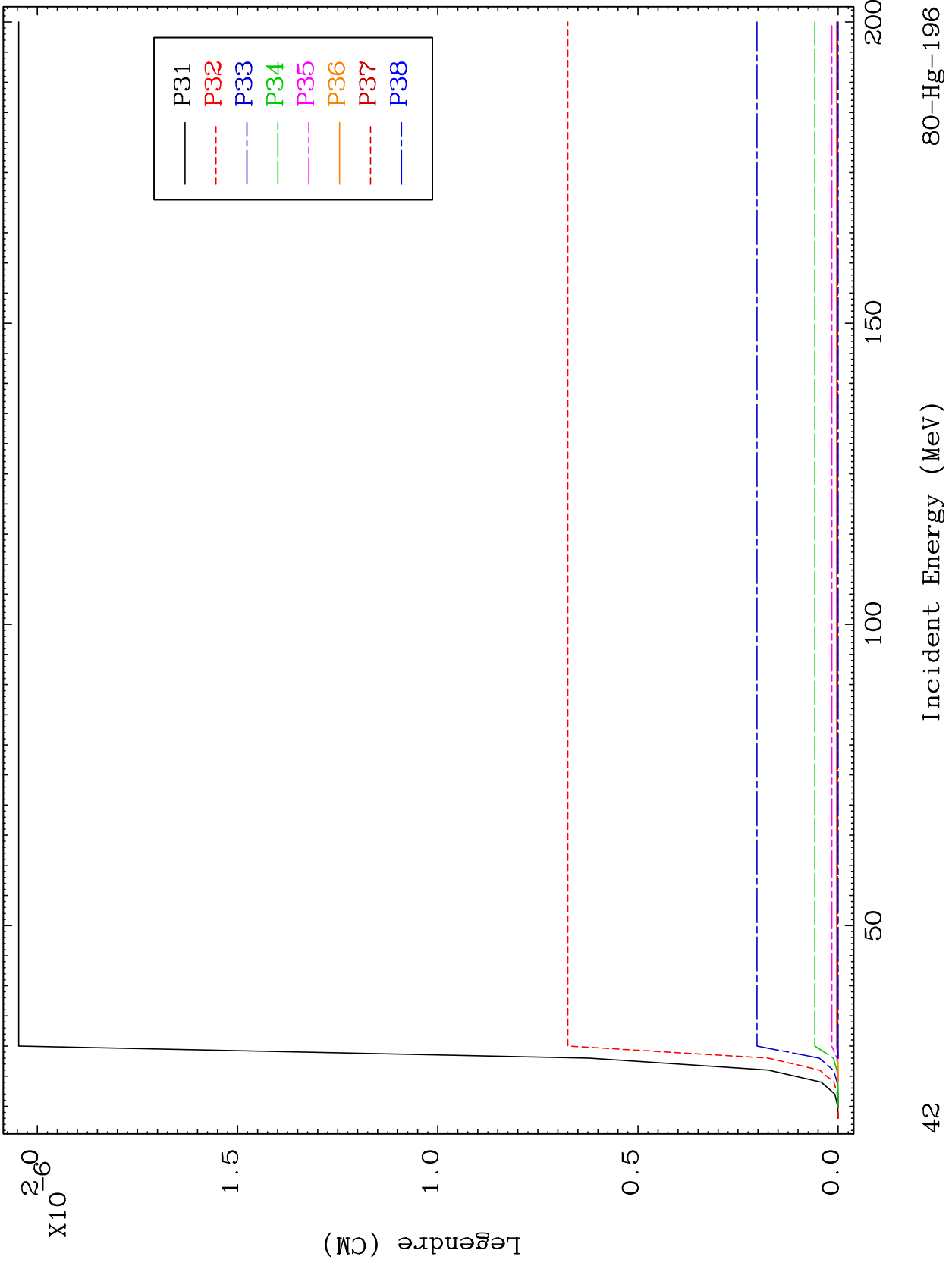
80-Hg-196



MAT 8025

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

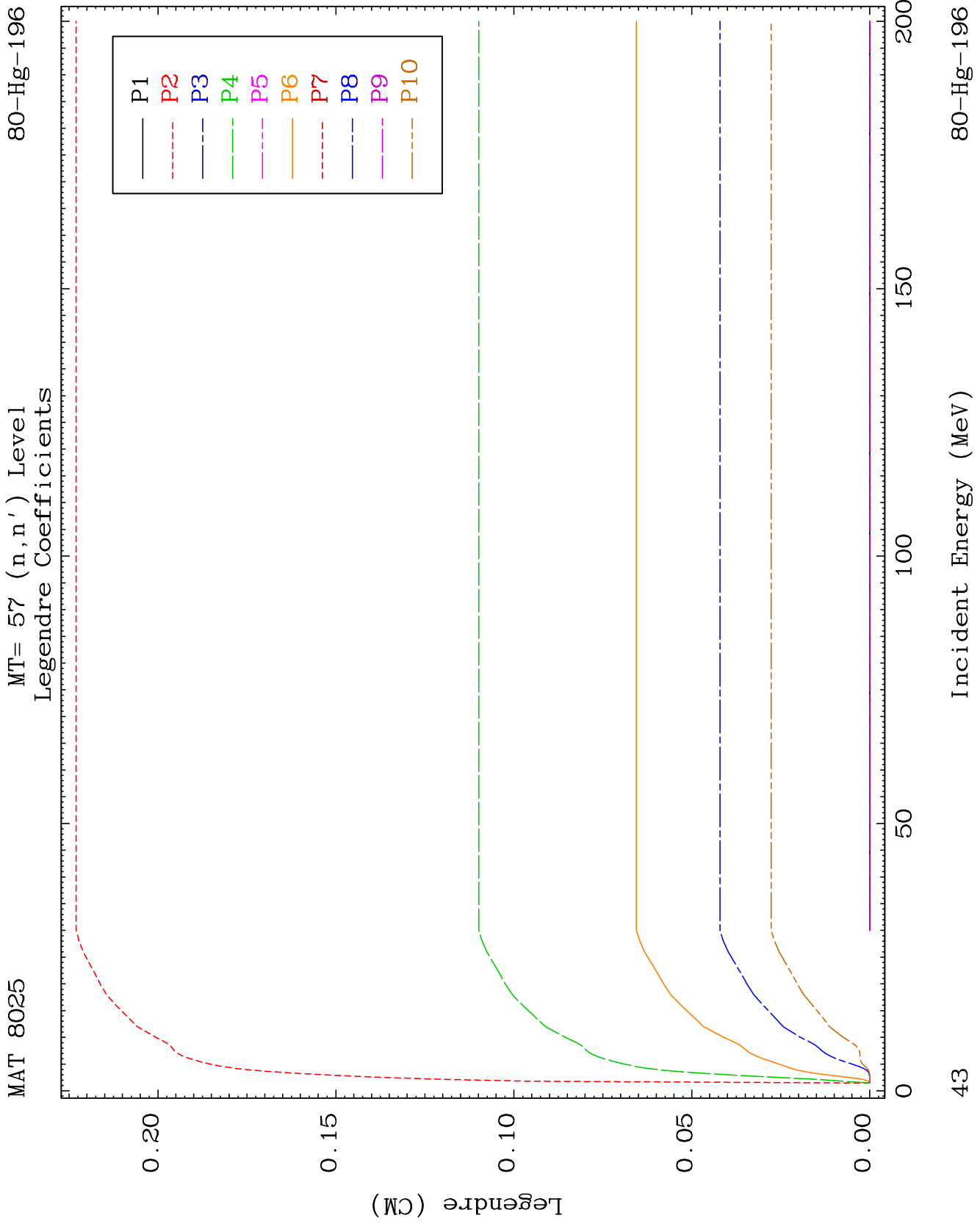
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42

Incident Energy (MeV)

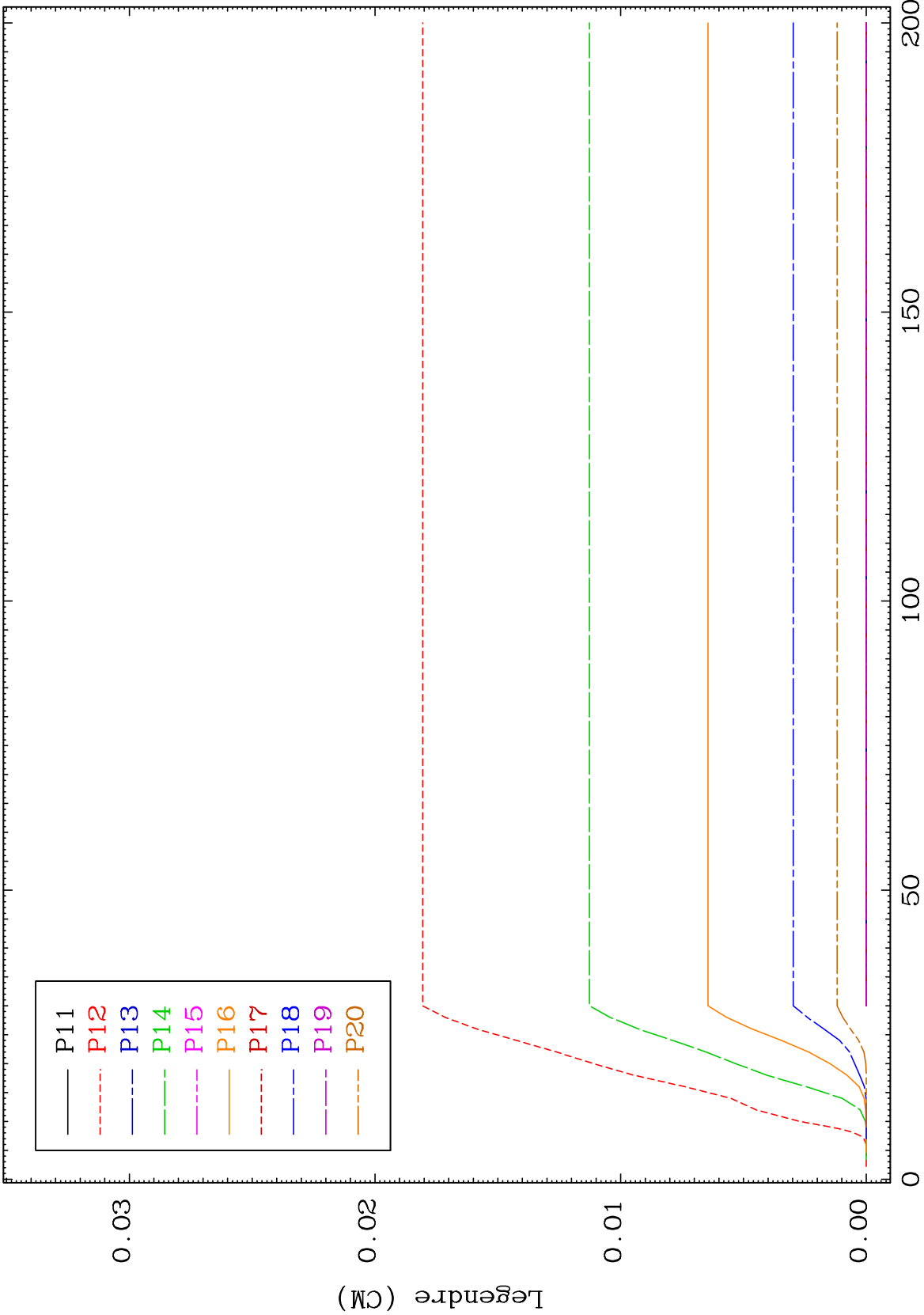
80-Hg-196



MAT 8025

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

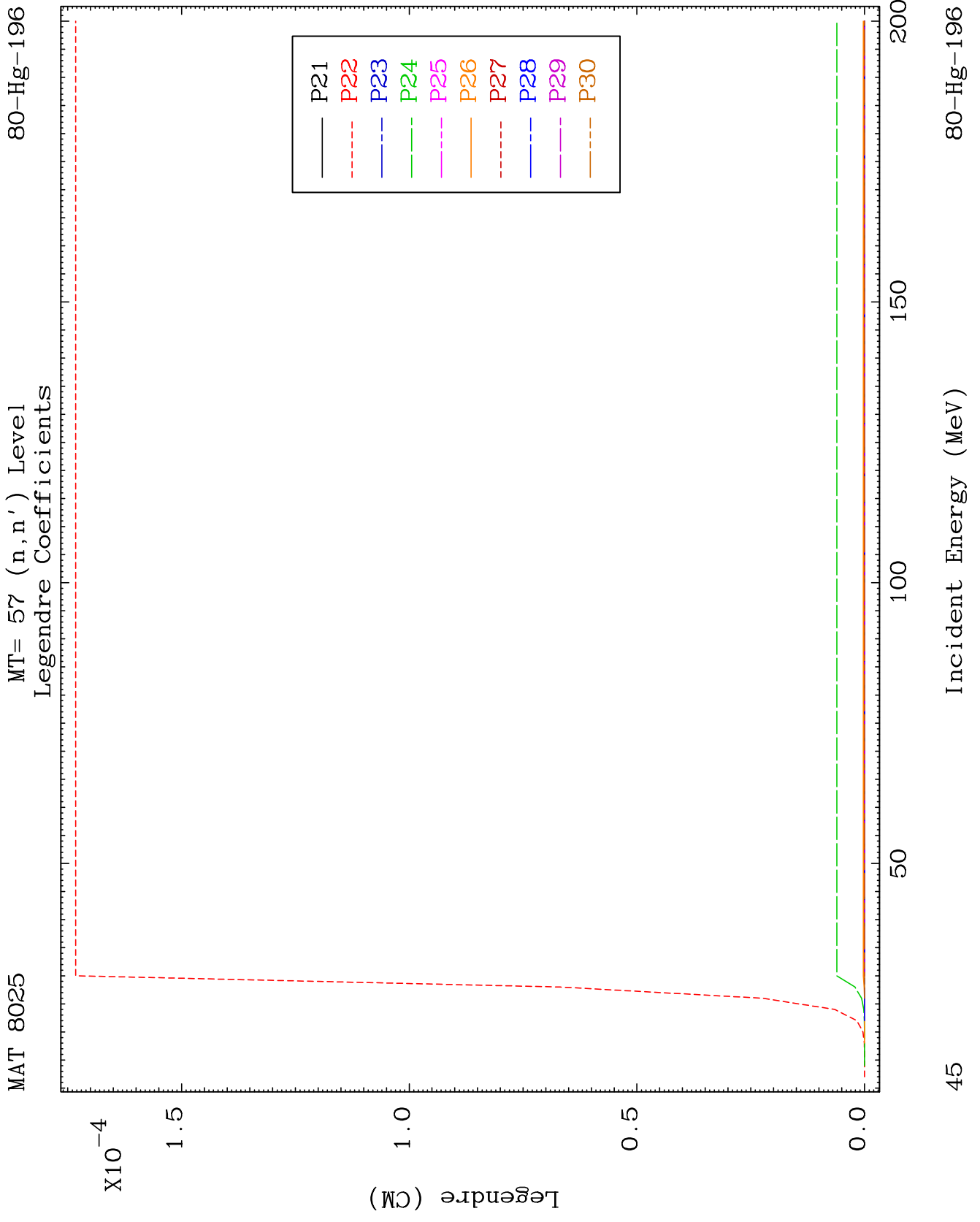
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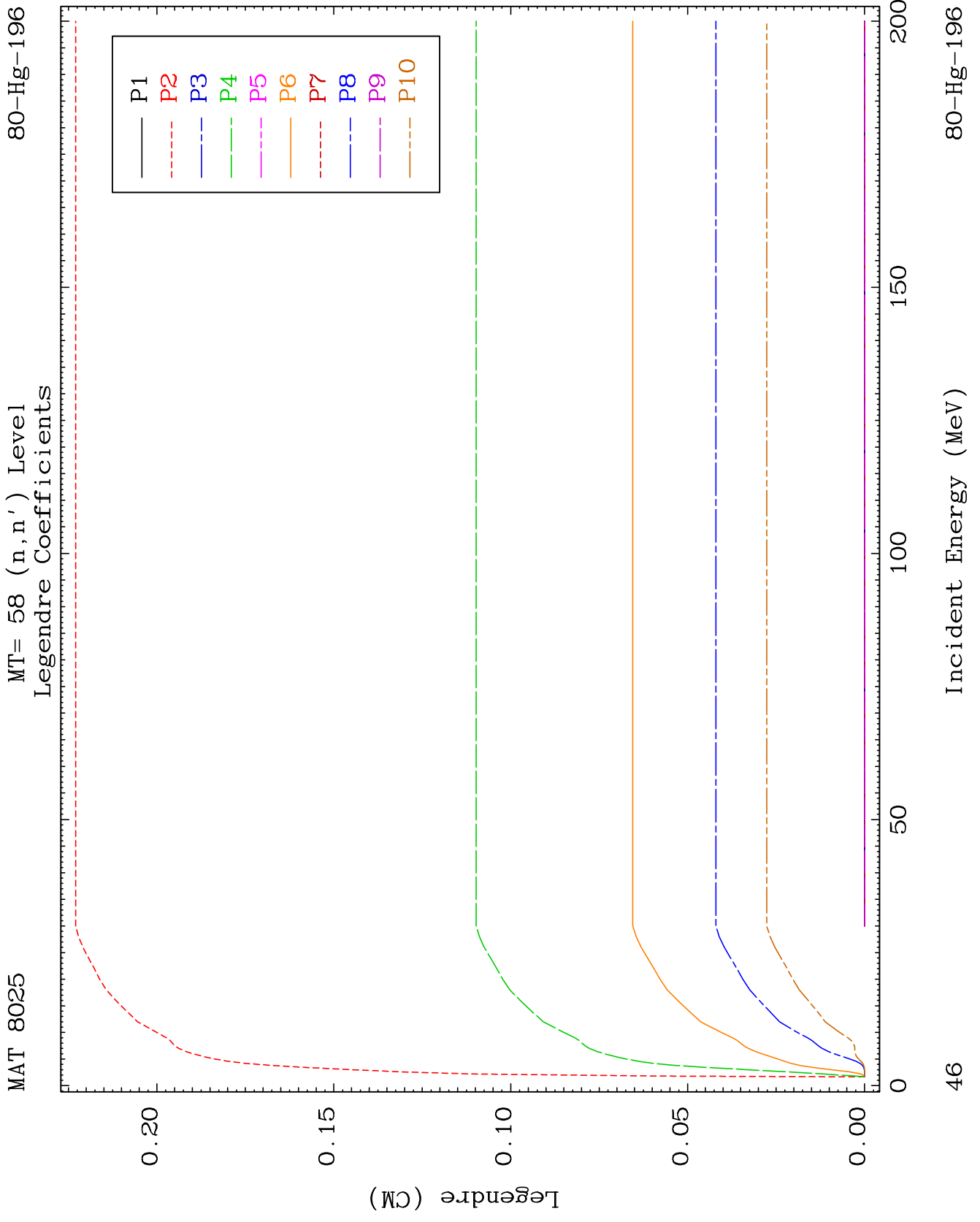


44

Incident Energy (MeV)

80-Hg-196

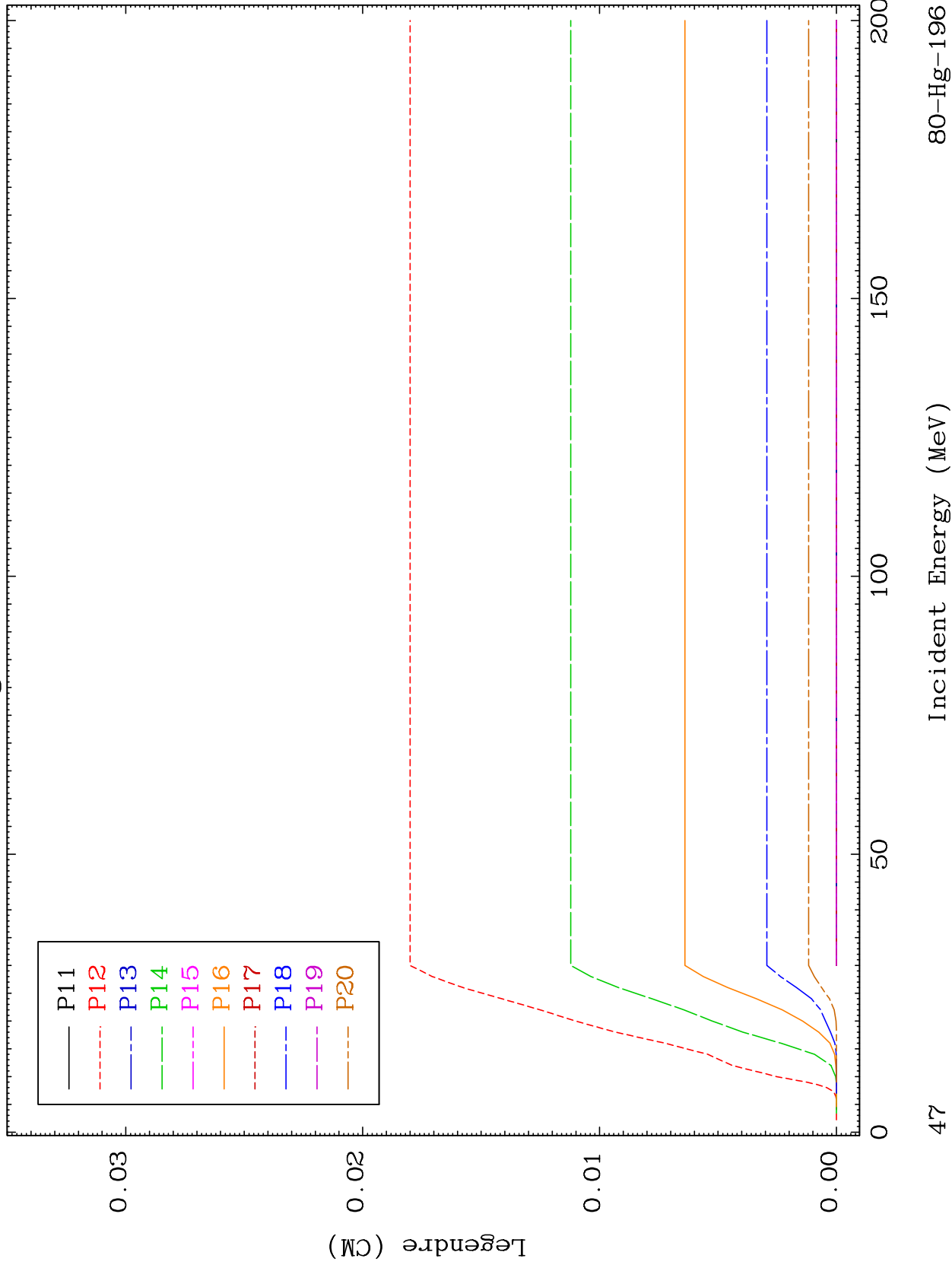




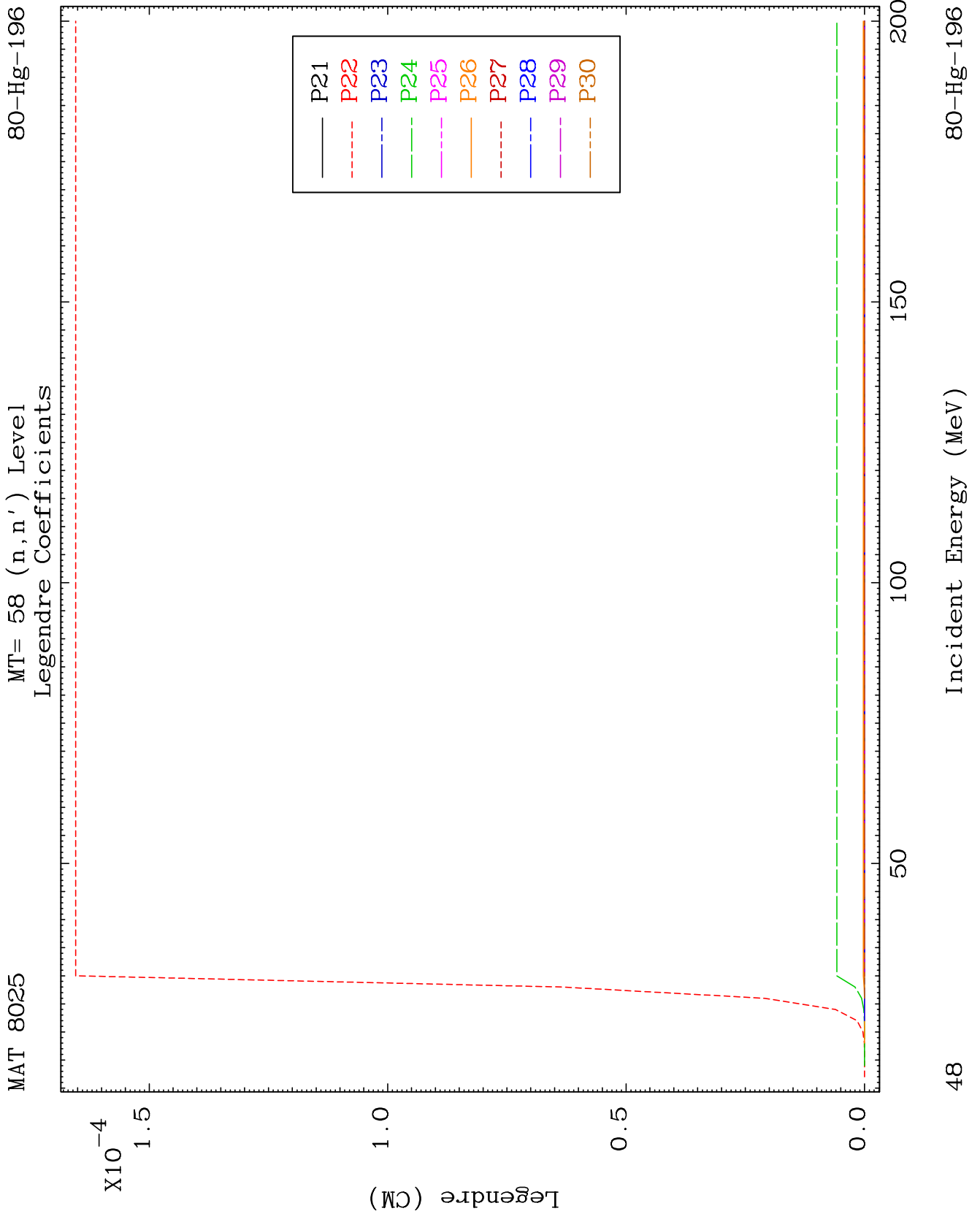
MAT 8025

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

80-Hg-196



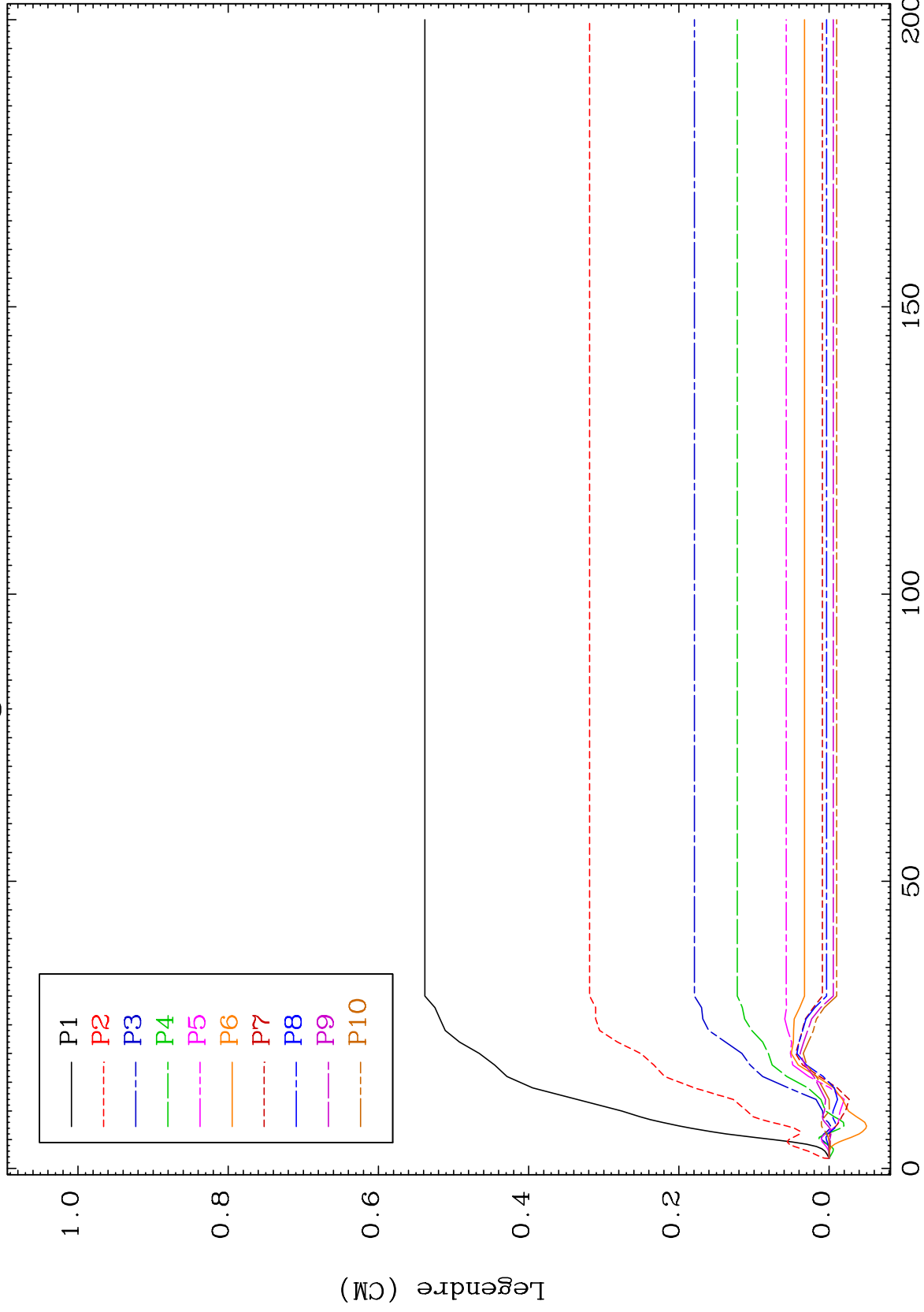
47



MAT 8025

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

80-Hg-196



49

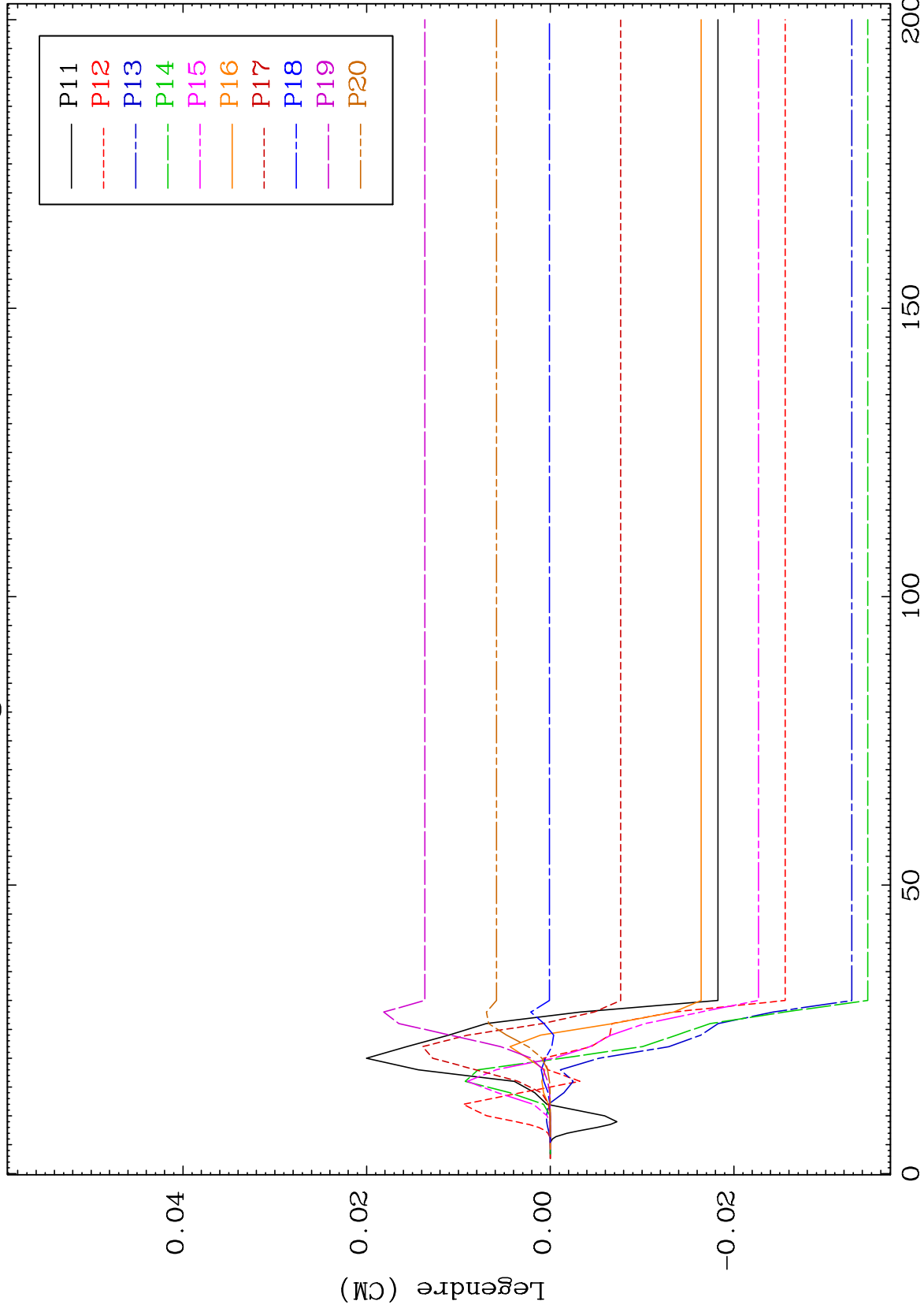
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

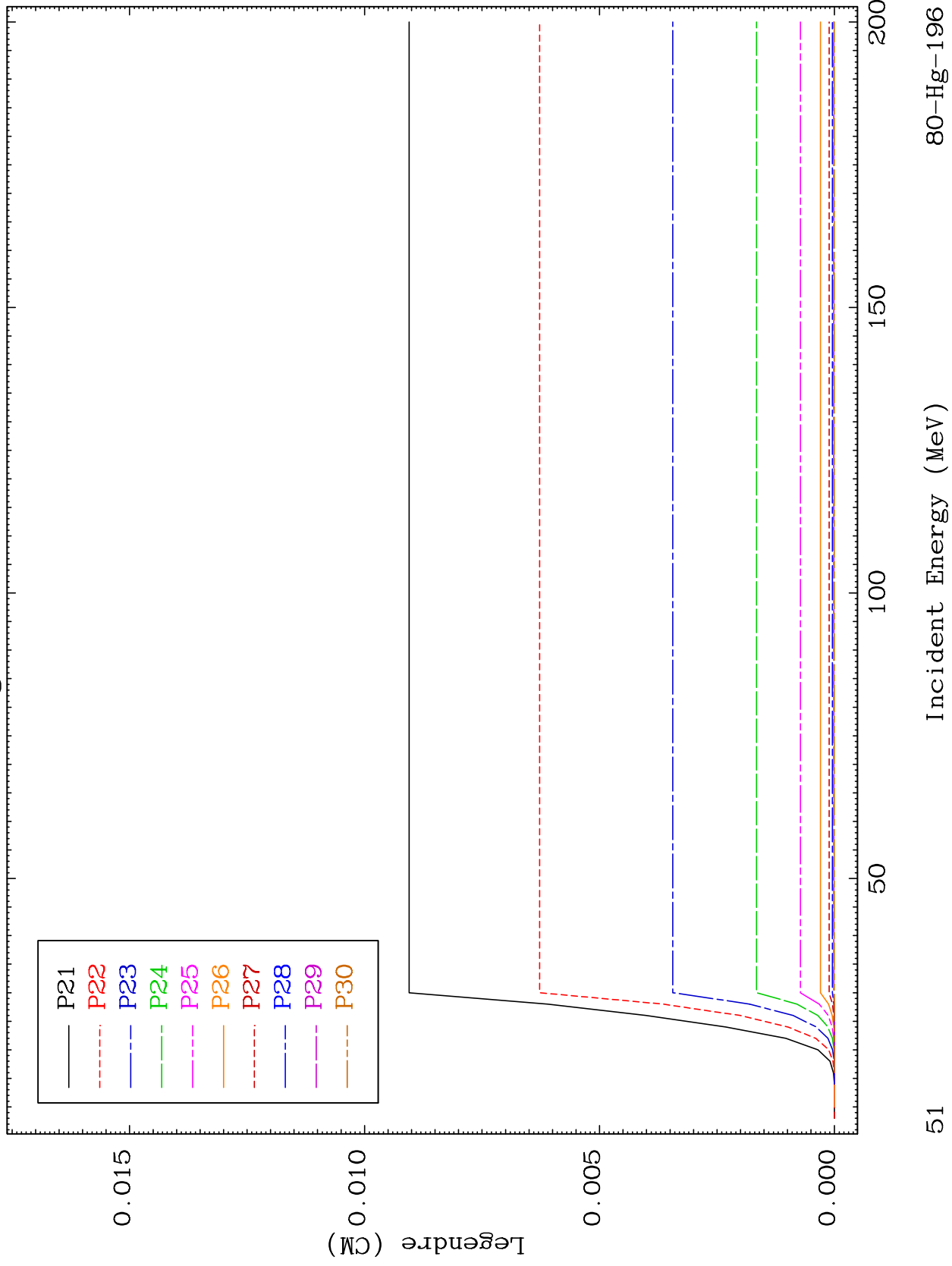
80-Hg-196



80-Hg-196

Incident Energy (MeV)

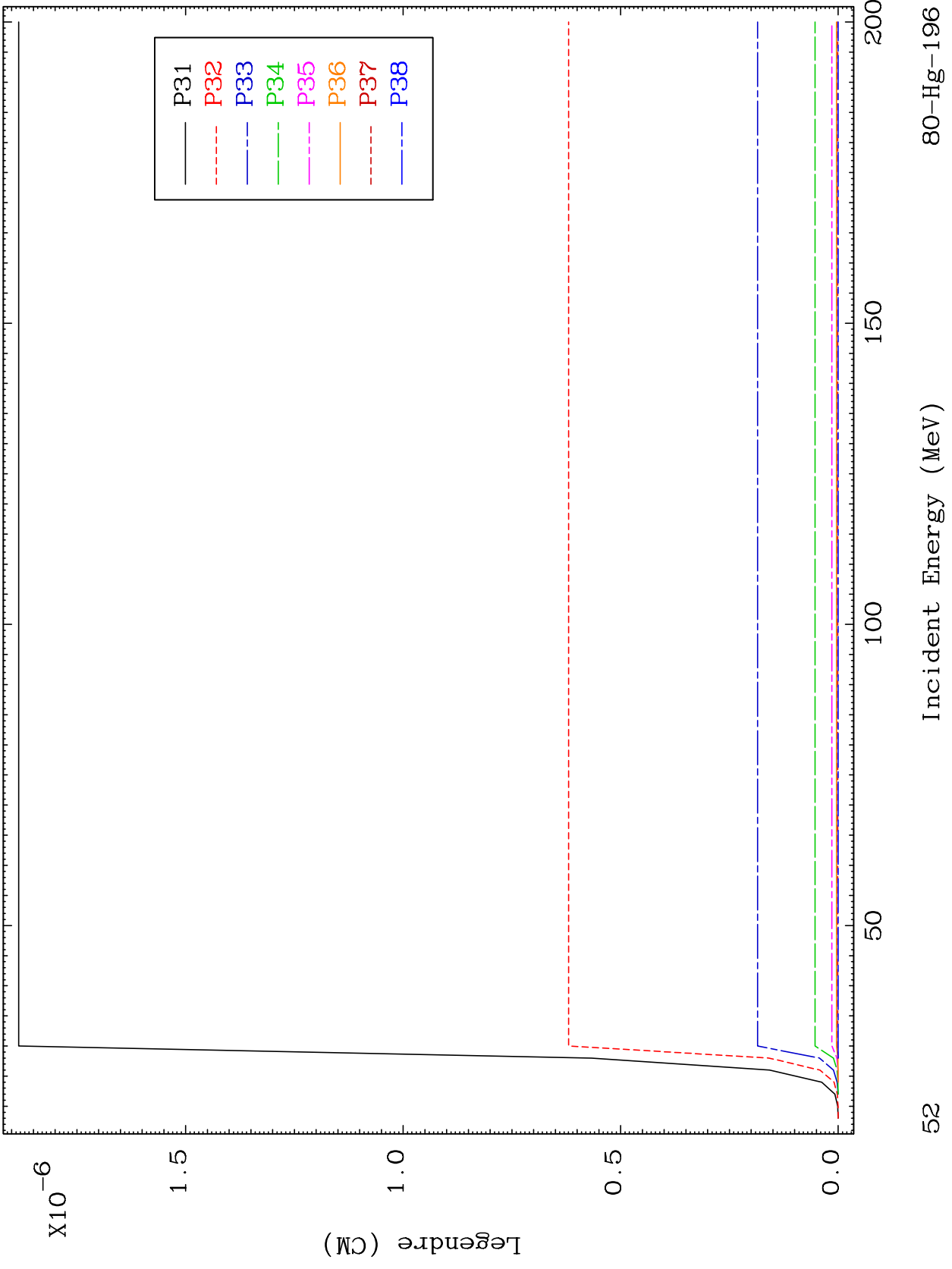
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MAT 8025

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

80-Hg-196

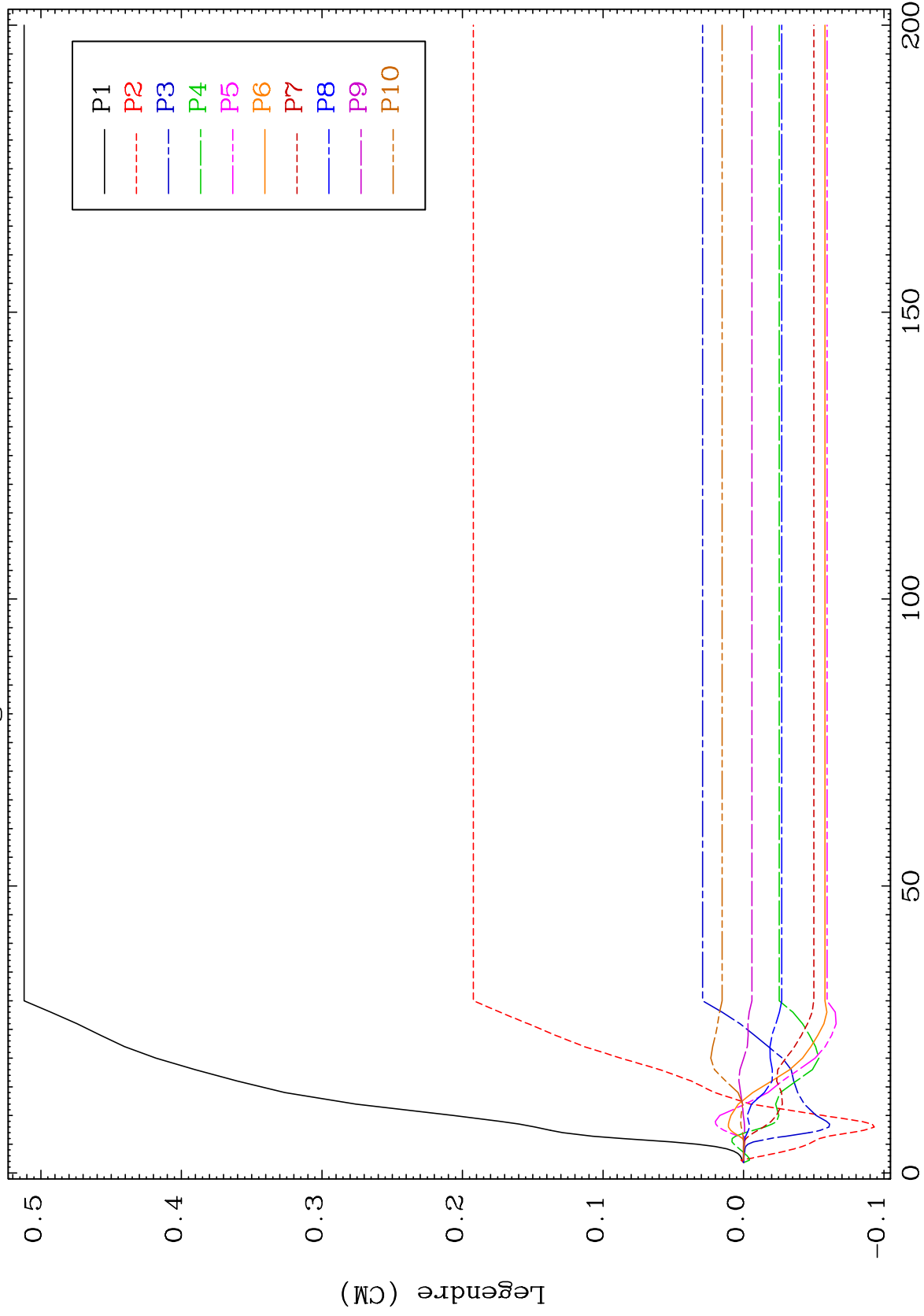


52

MAT 8025

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

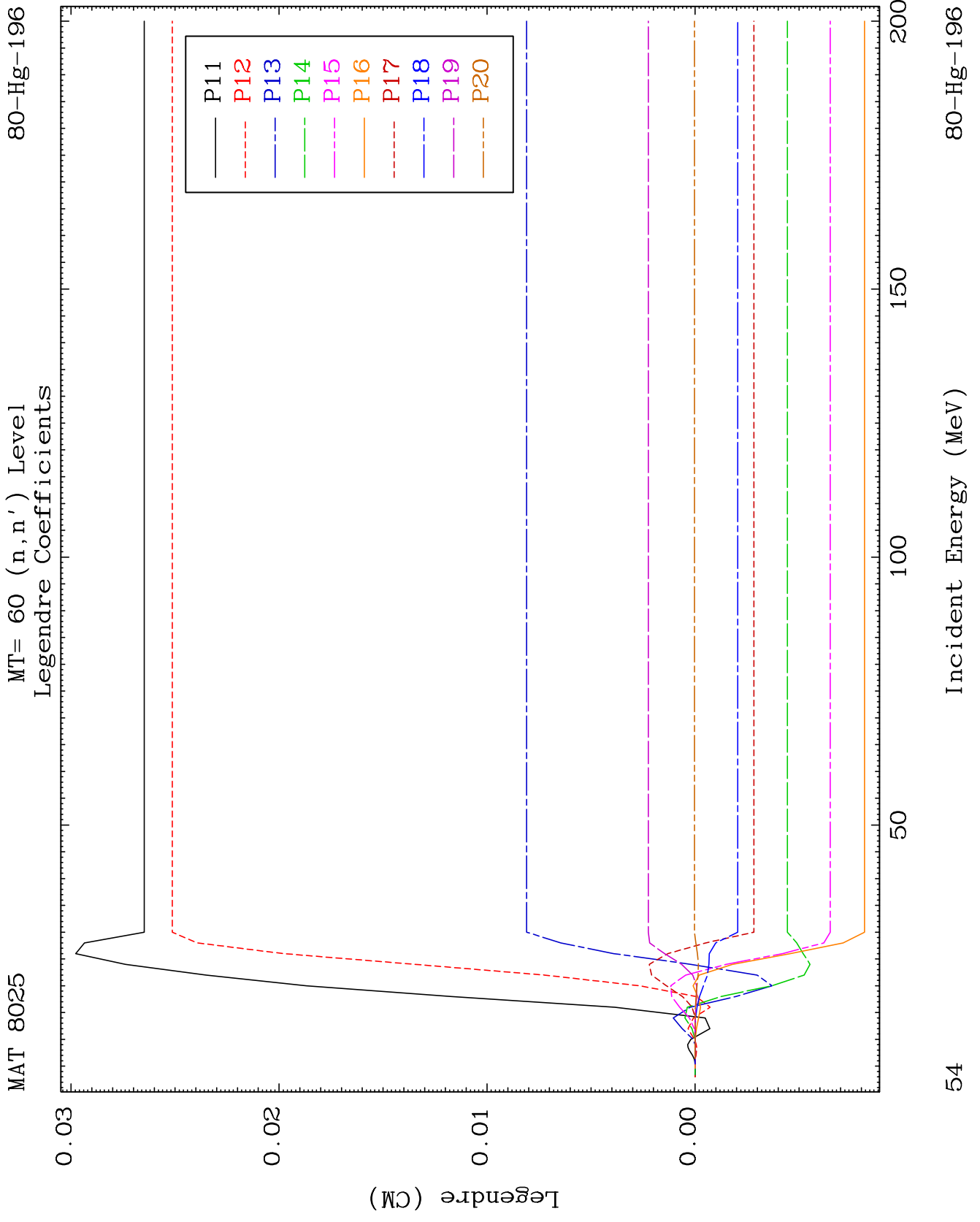
80-Hg-196



53

Incident Energy (MeV)

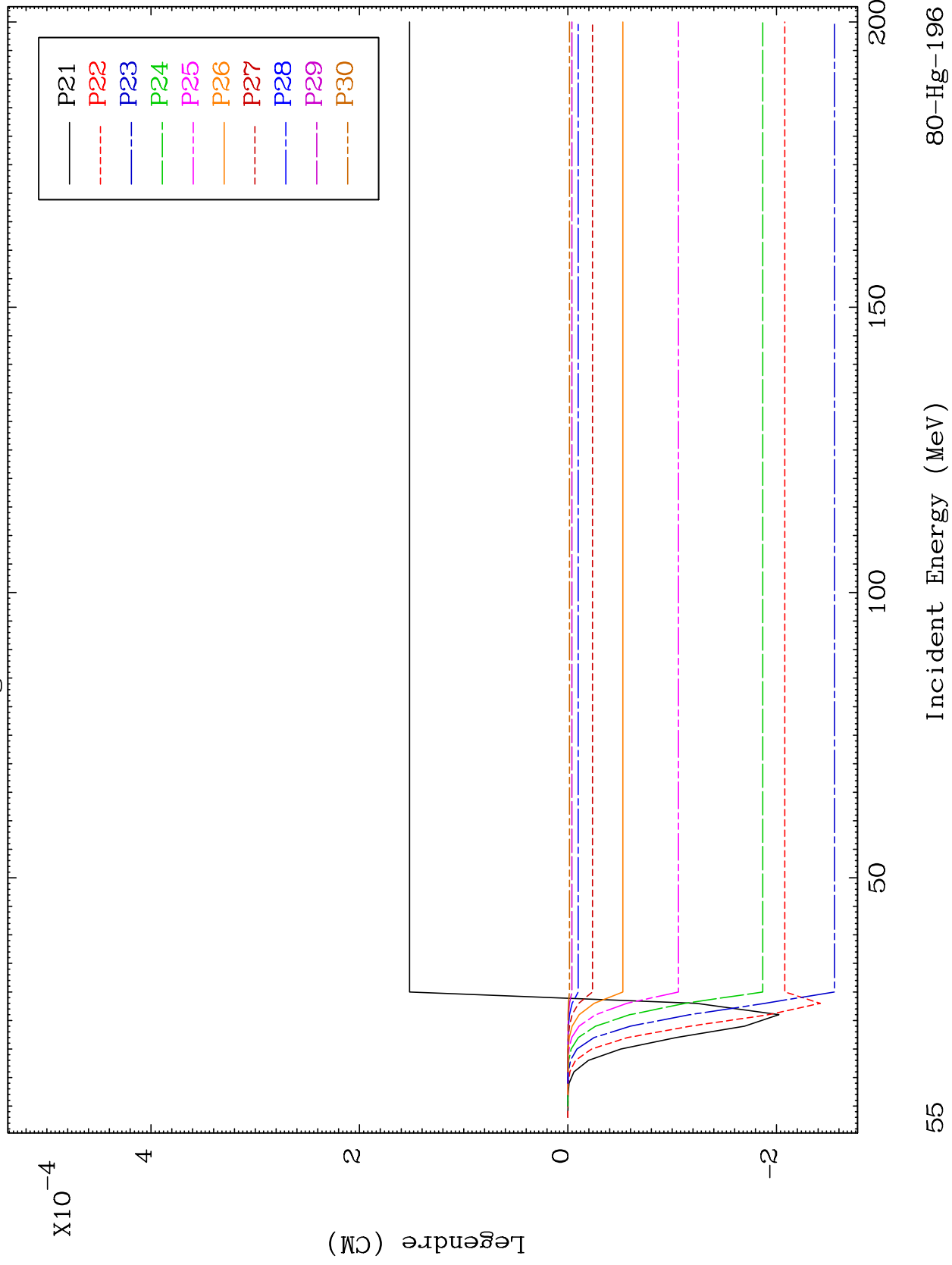
80-Hg-196



MAT 8025

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

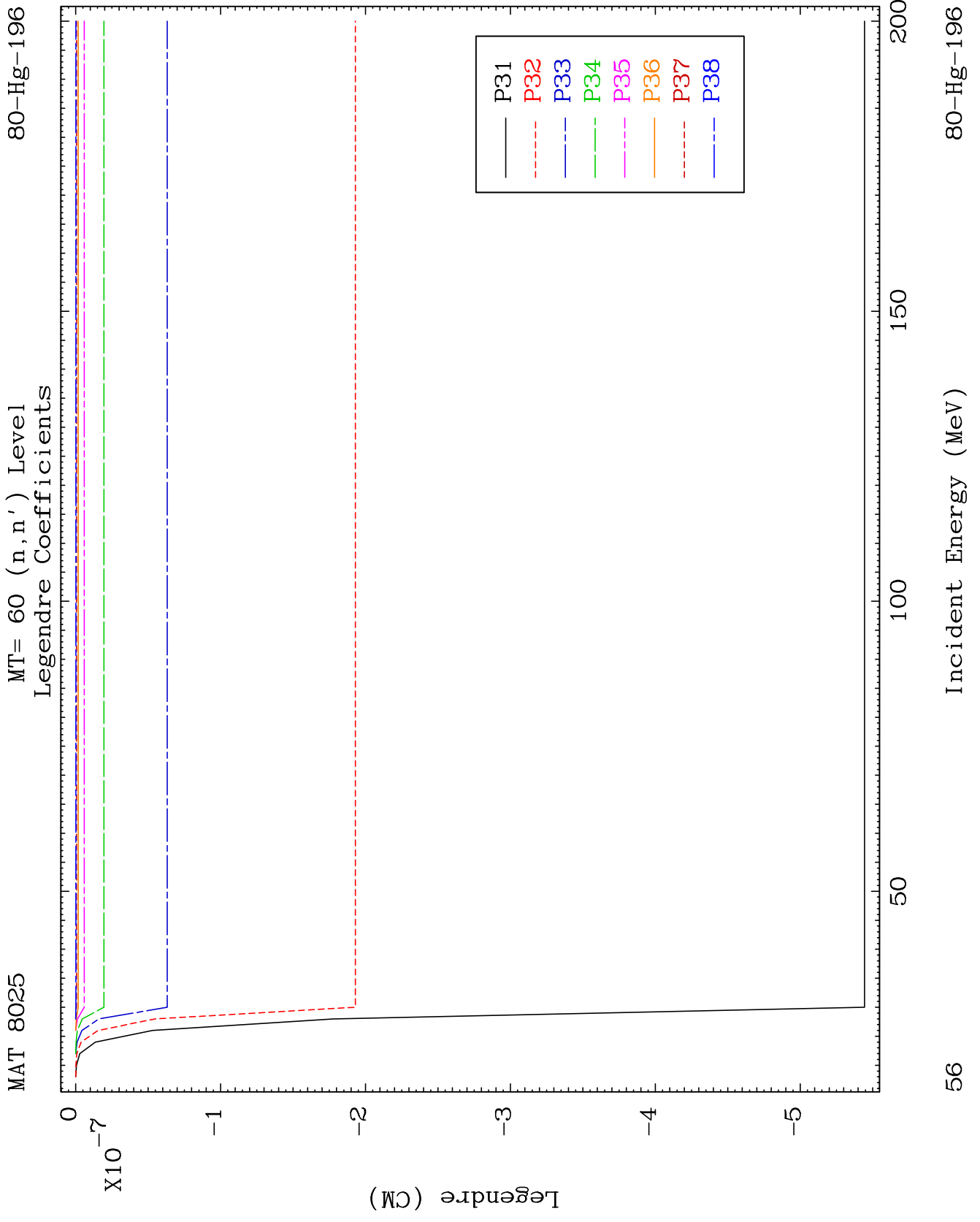
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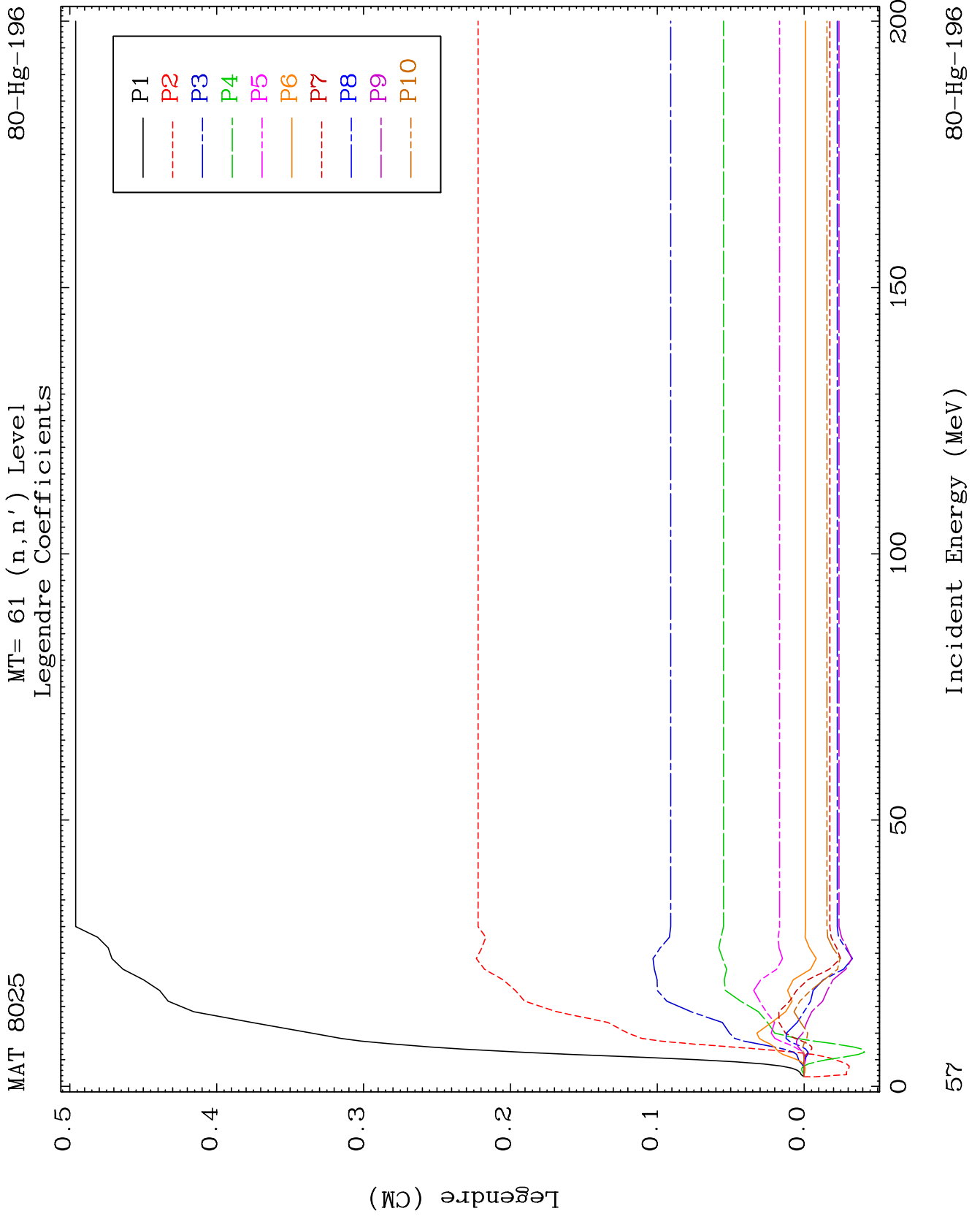


55

Incident Energy (MeV)

80-Hg-196

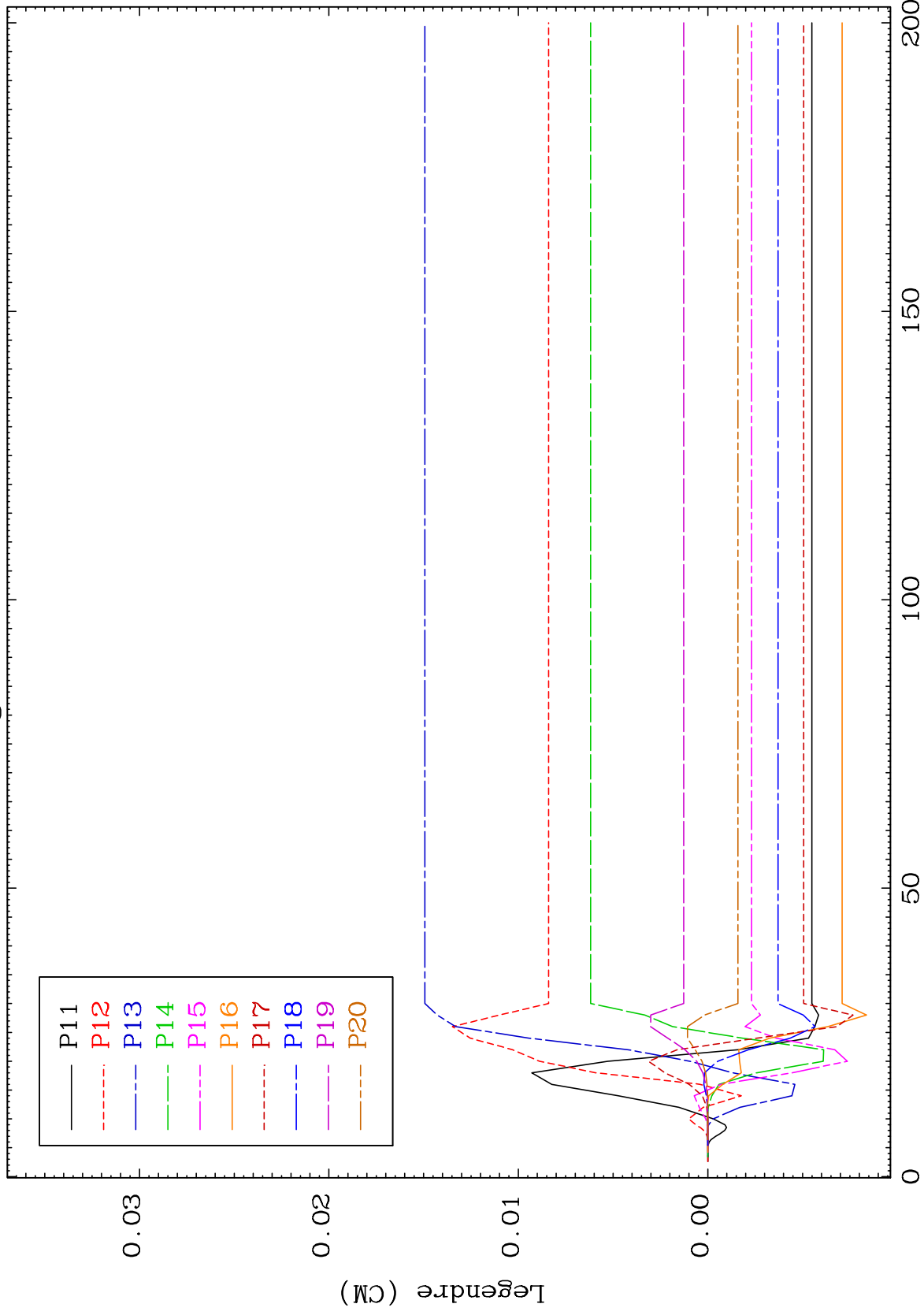




MAT 8025

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

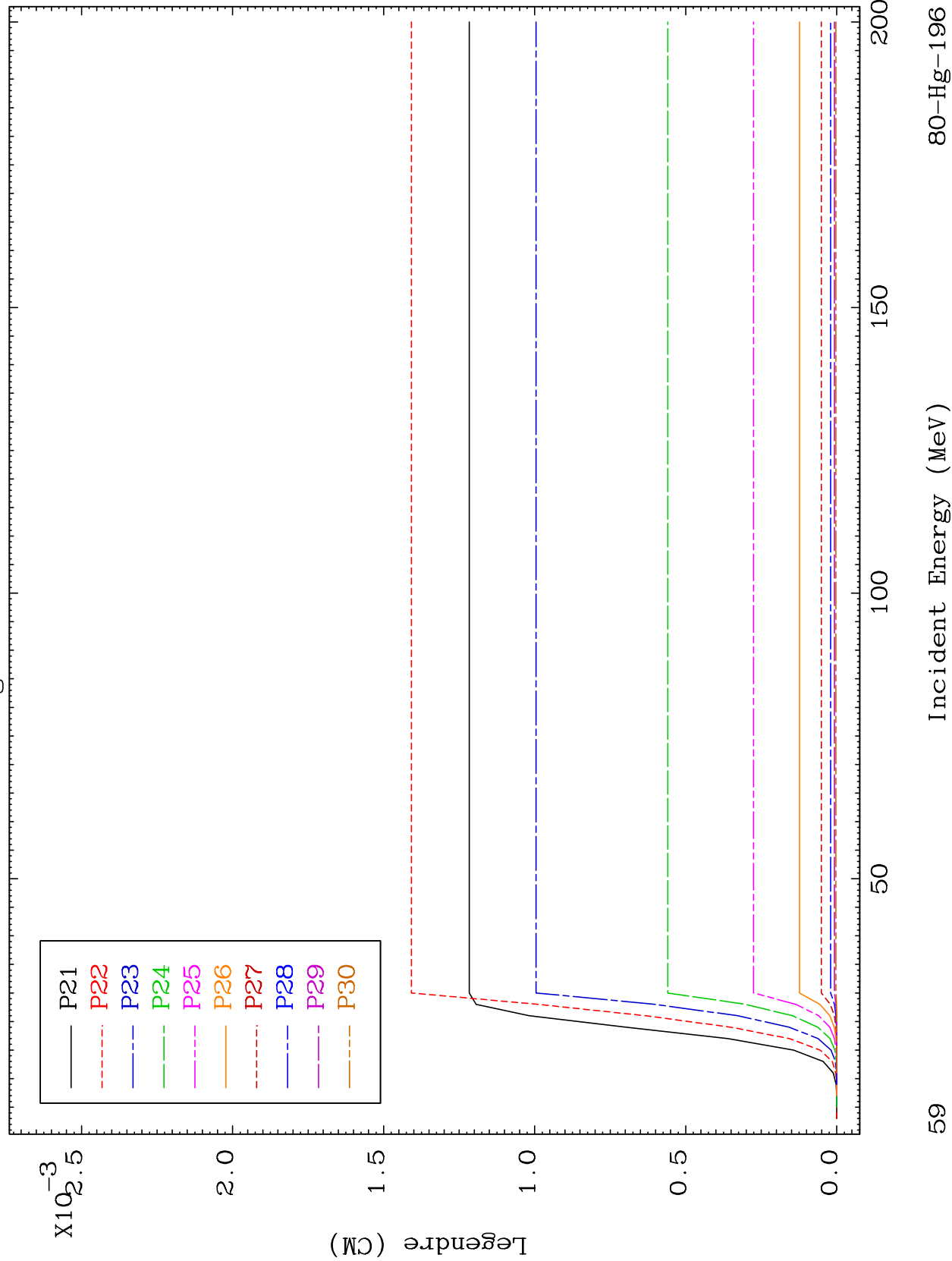
80-Hg-196



58

Incident Energy (MeV)

80-Hg-196

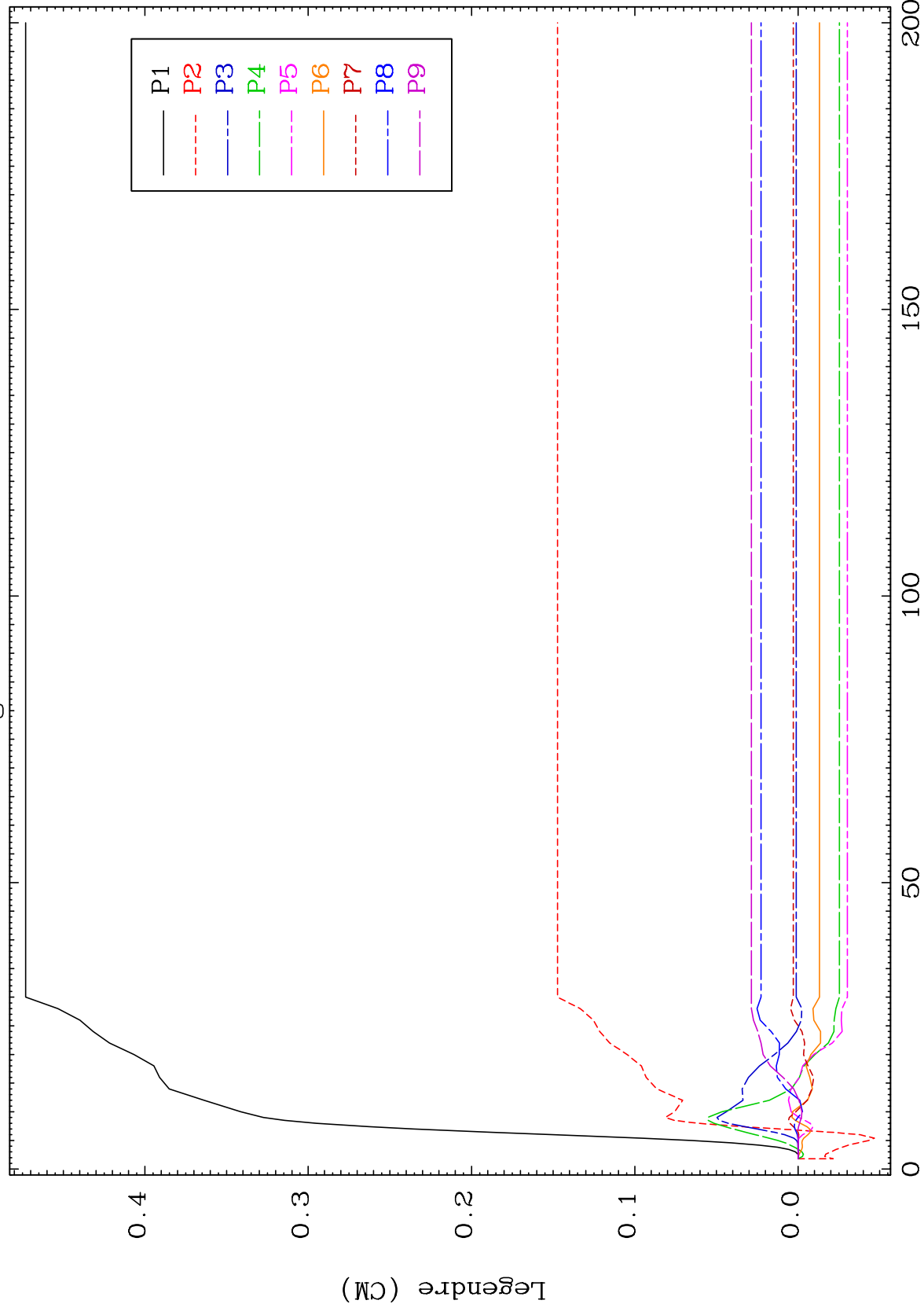




MAT 8025

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

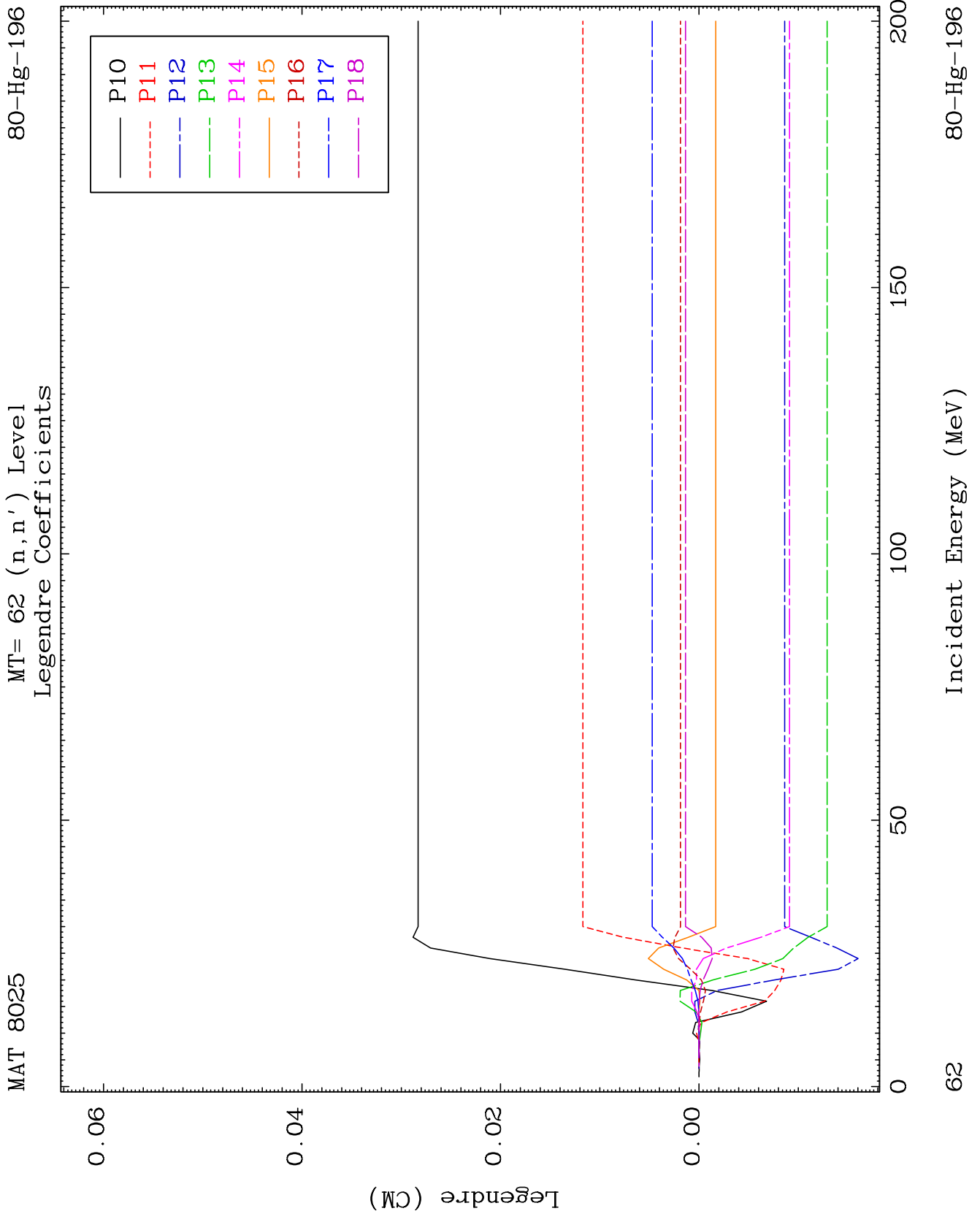
80-Hg-196



61

Incident Energy (MeV)

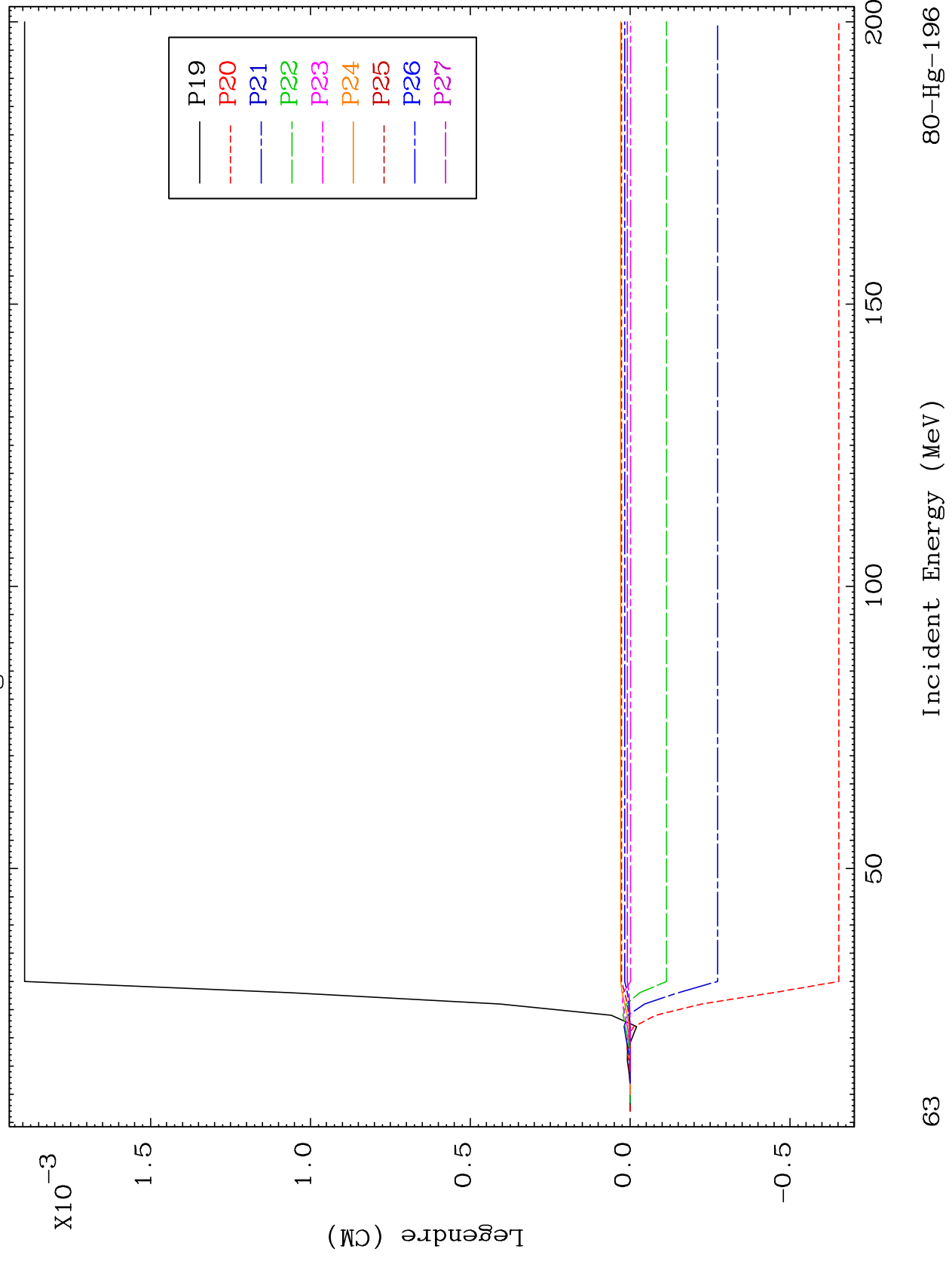
80-Hg-196

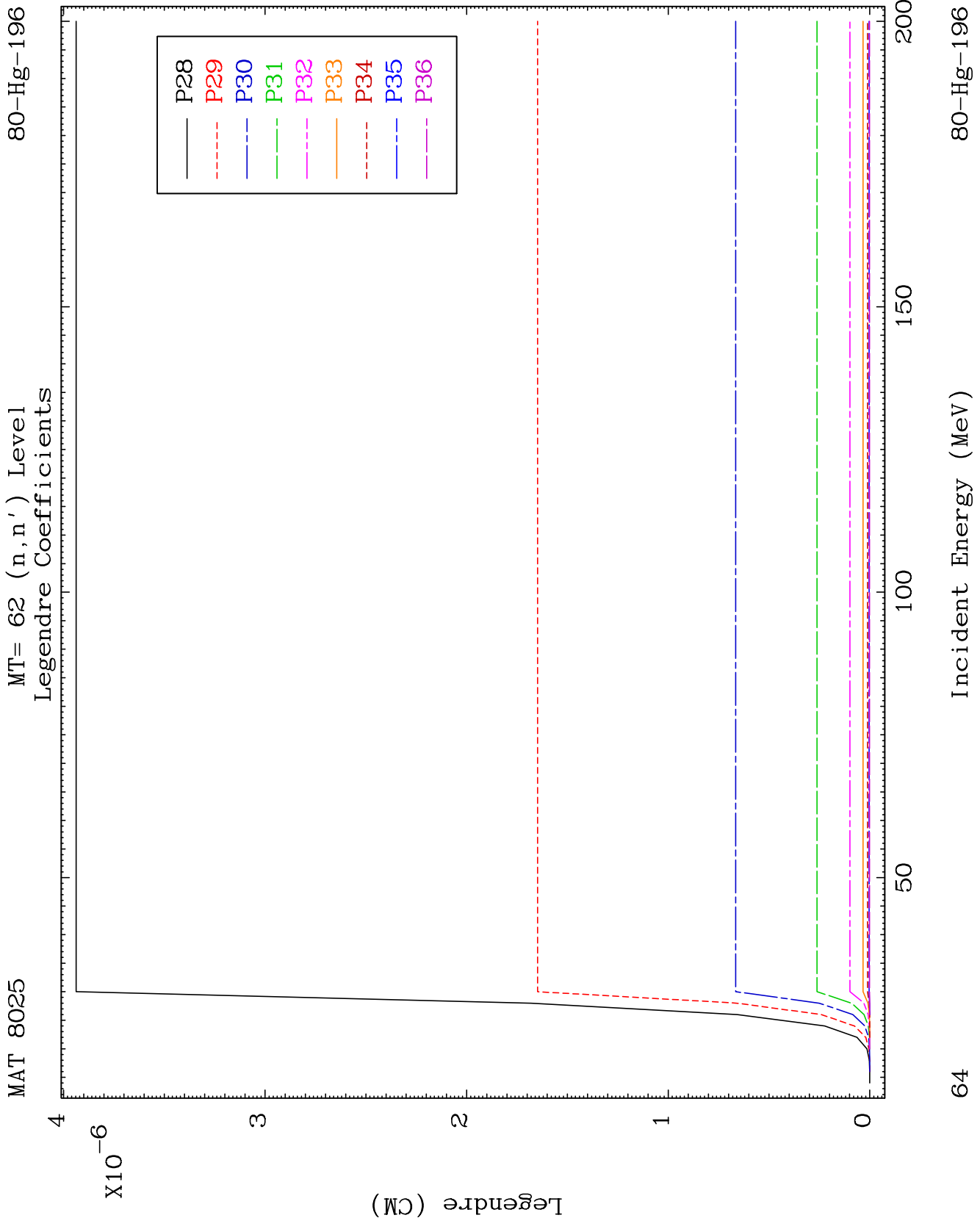


MAT 8025

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

80-Hg-196

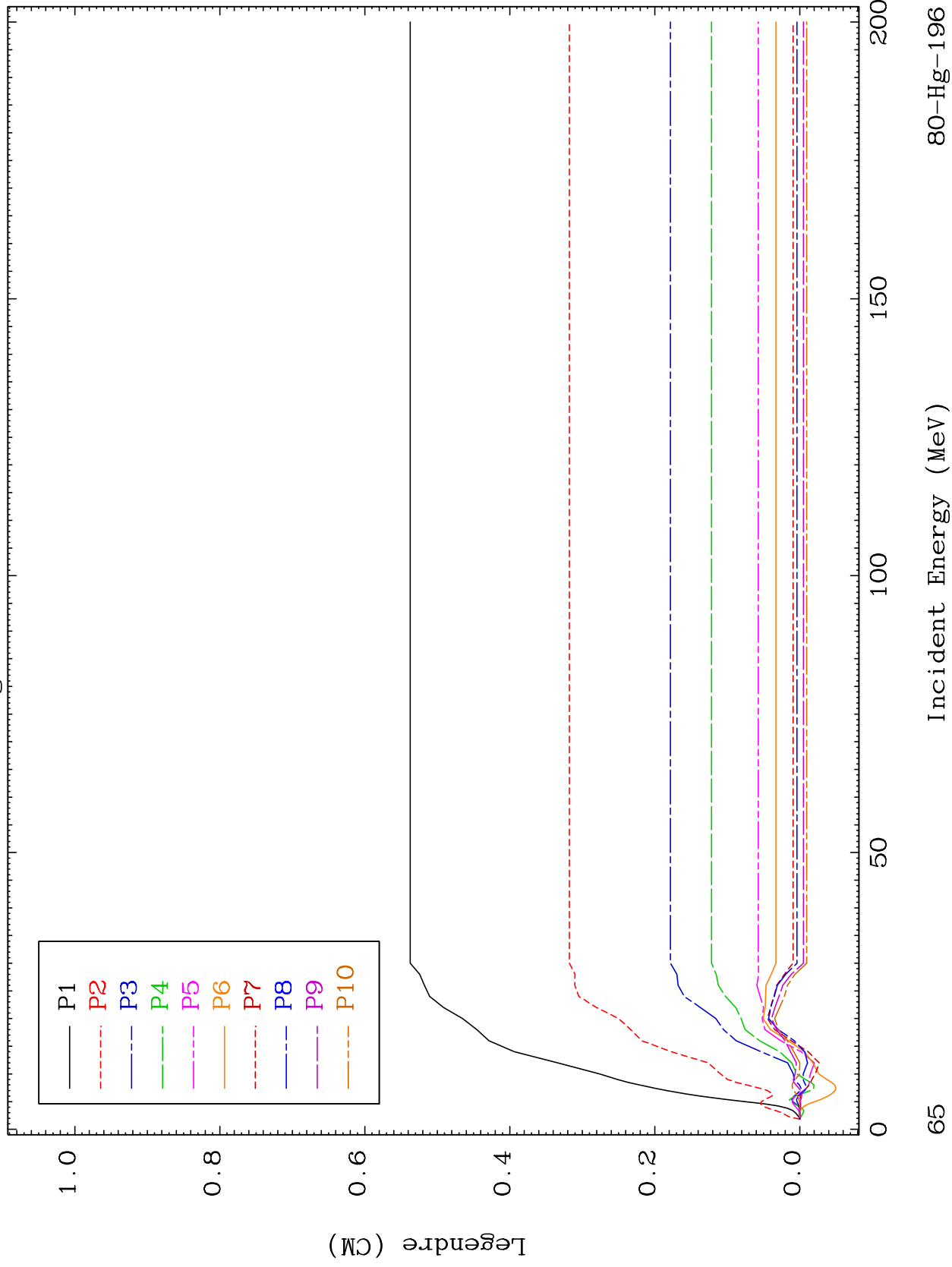




MAT 8025

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

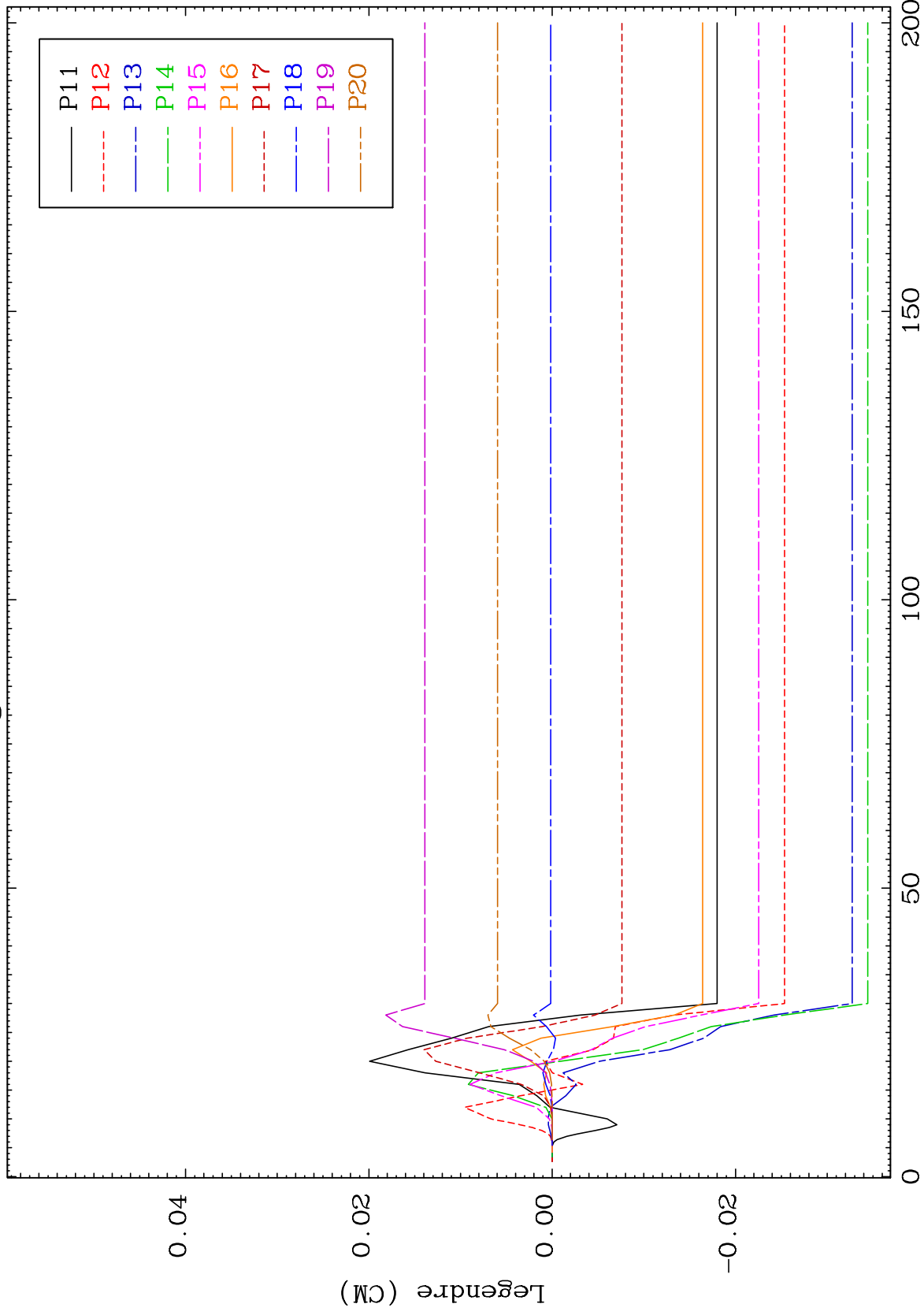
80-Hg-196



MAT 8025

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

80-Hg-196



66

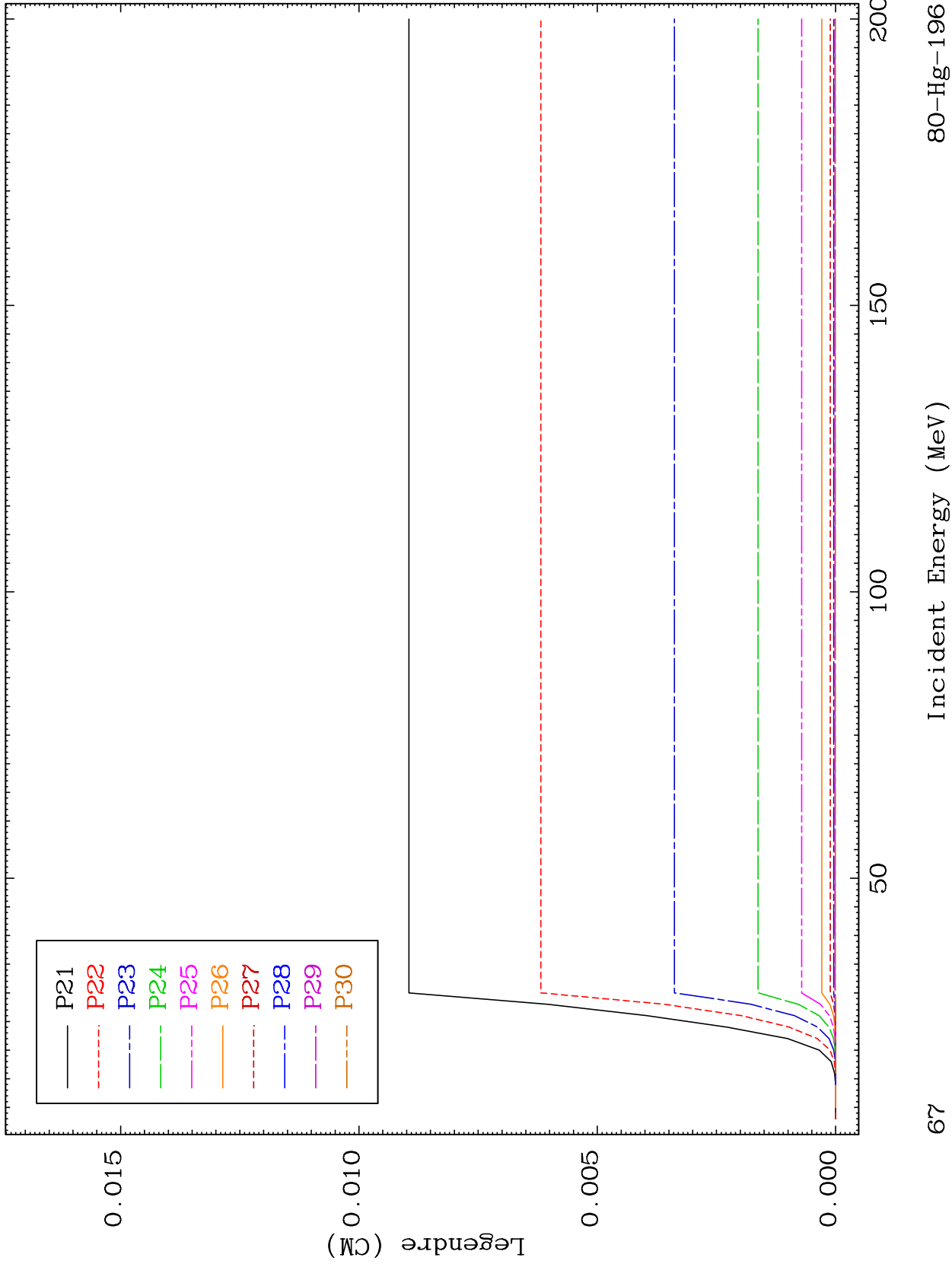
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196

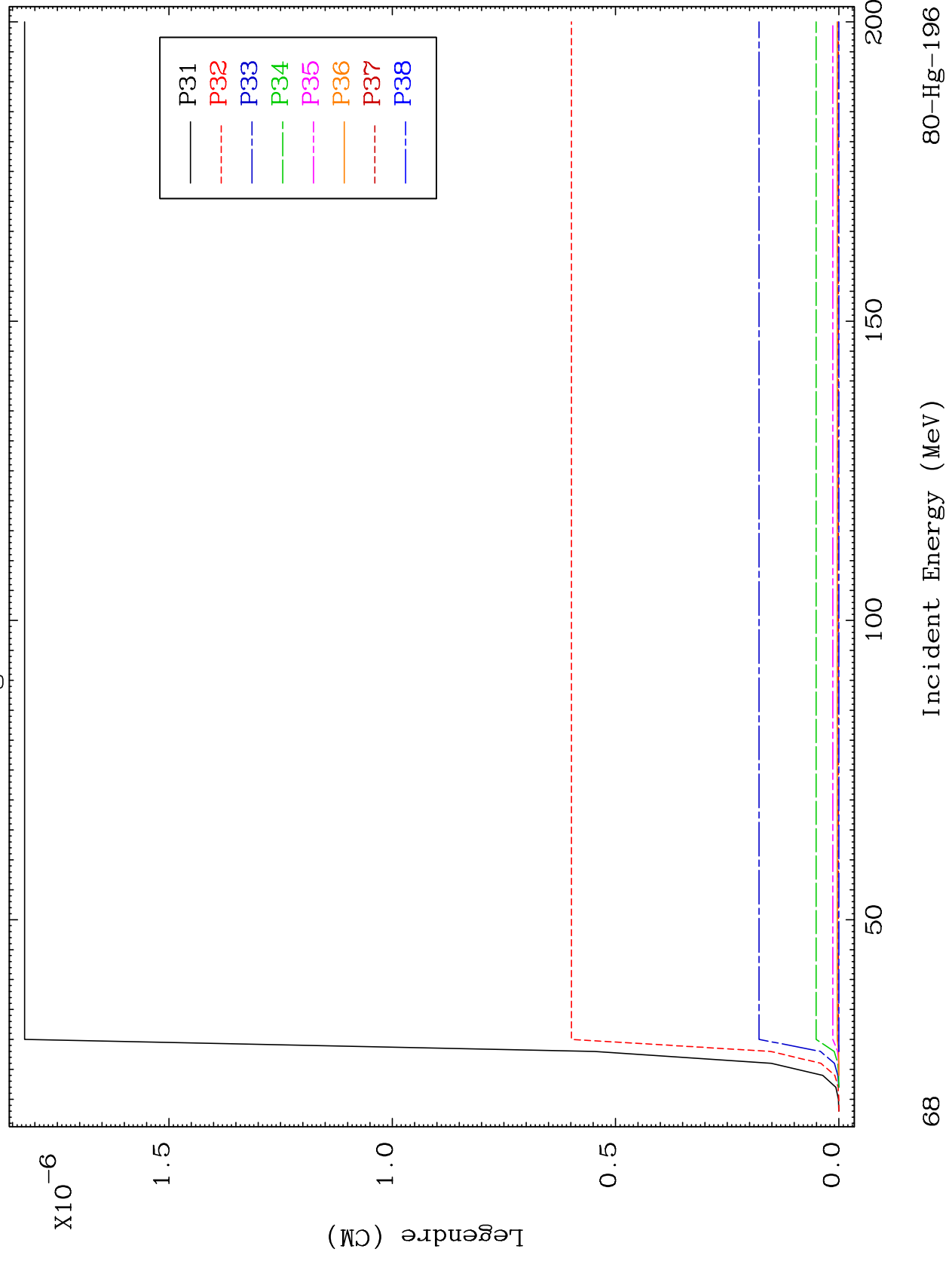


67

MAT 8025

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

80-Hg-196



68

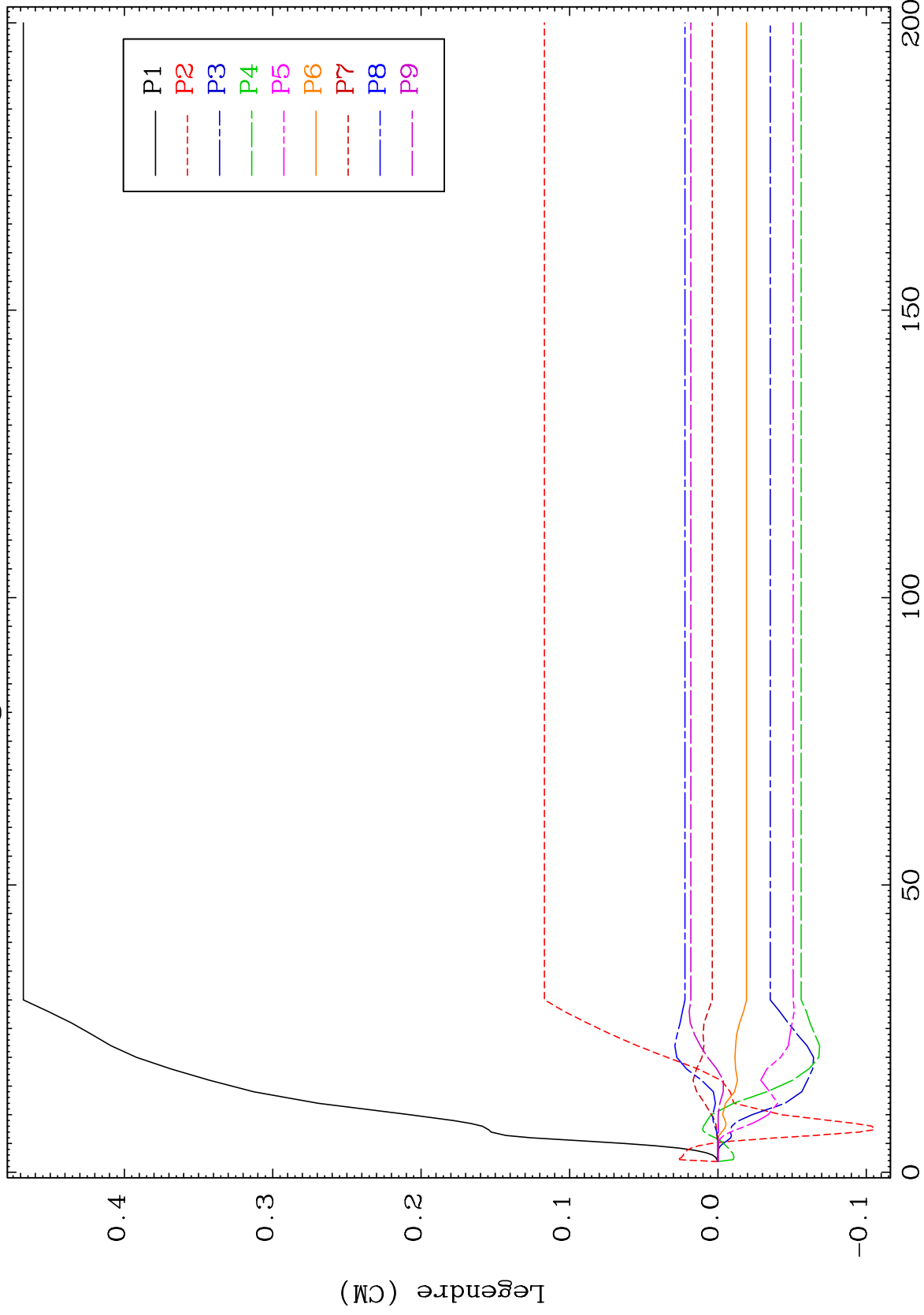
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



69

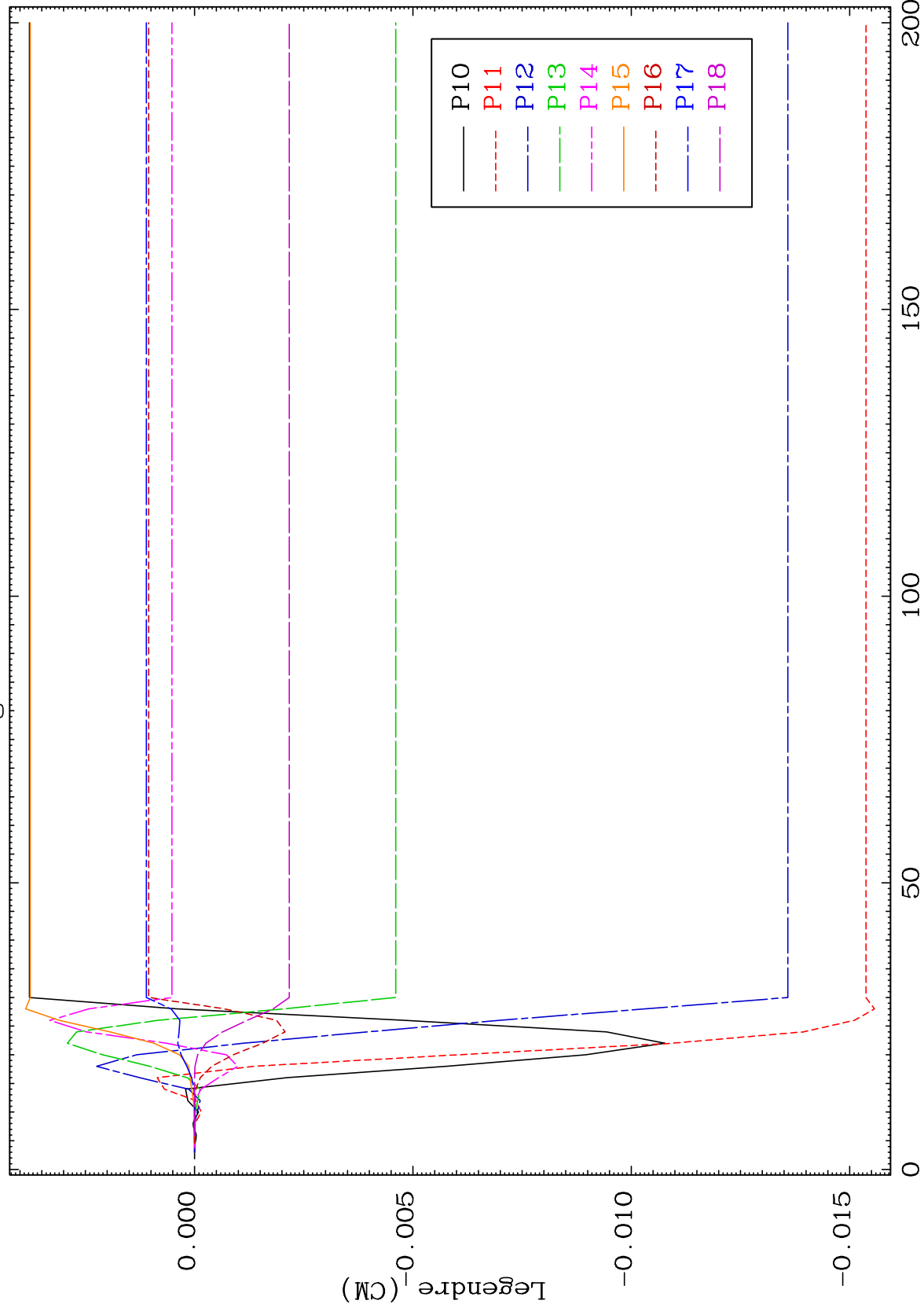
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

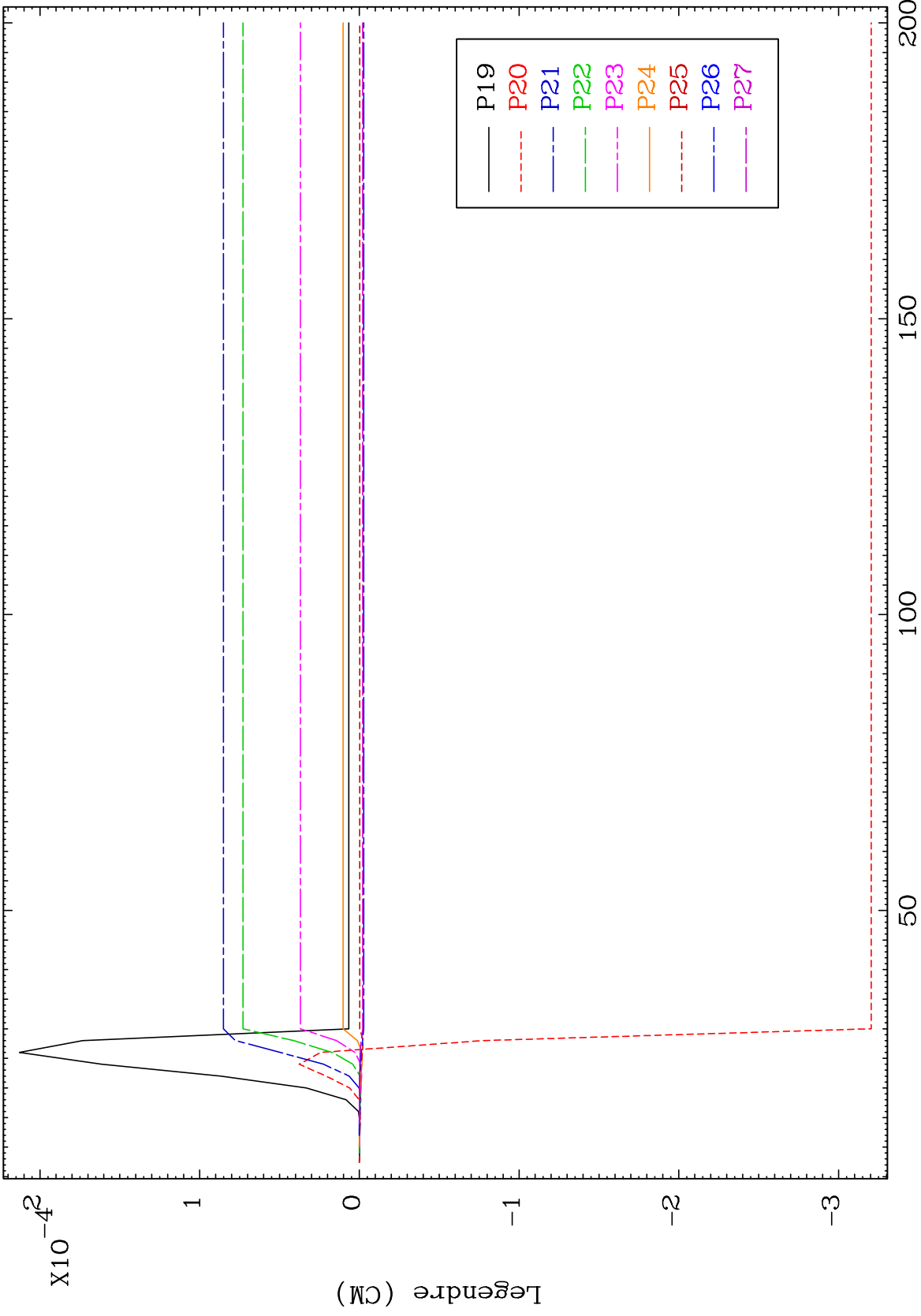
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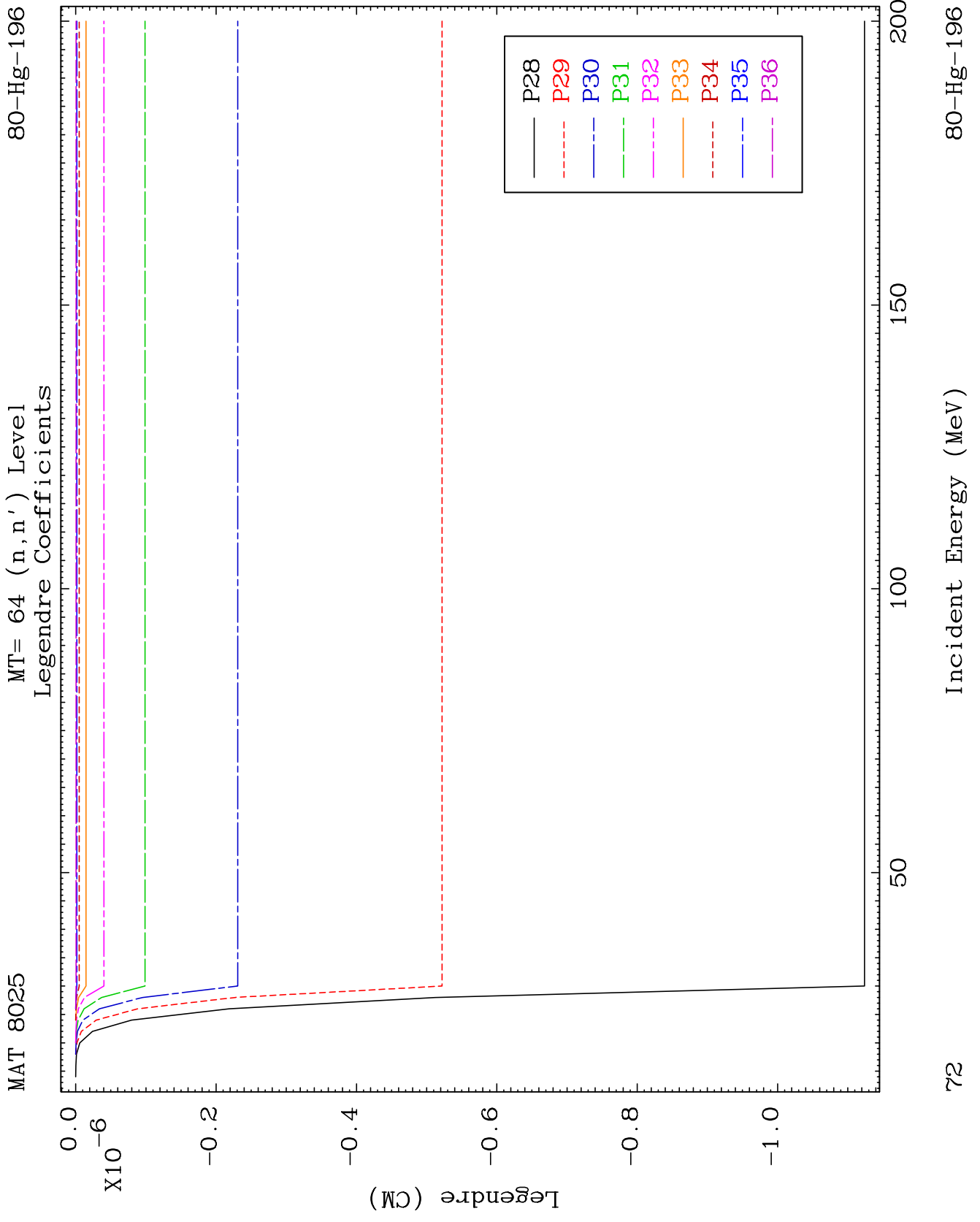


70

Incident Energy (MeV)

80-Hg-196

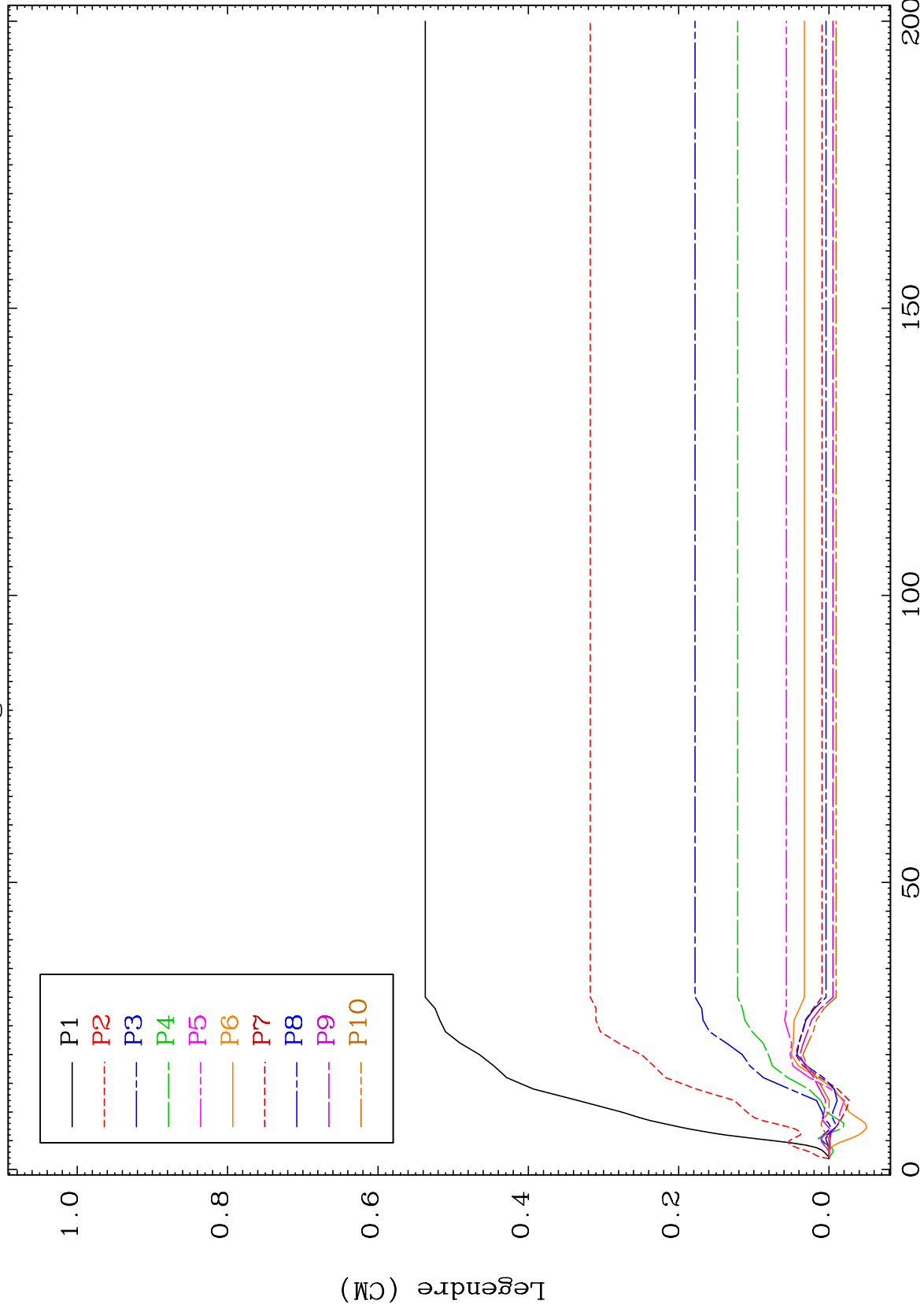




MAT 8025

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

80-Hg-196



73

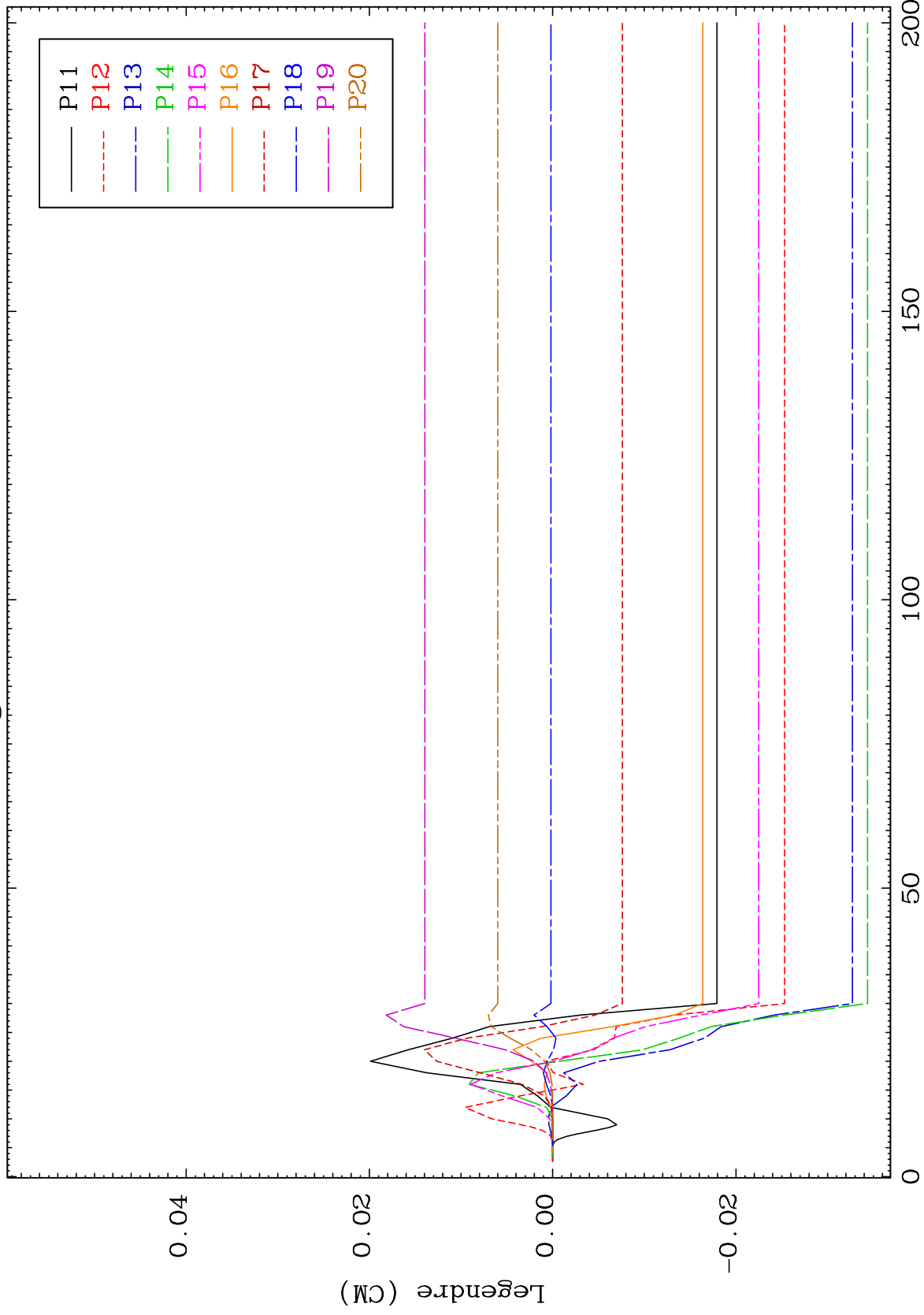
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



74

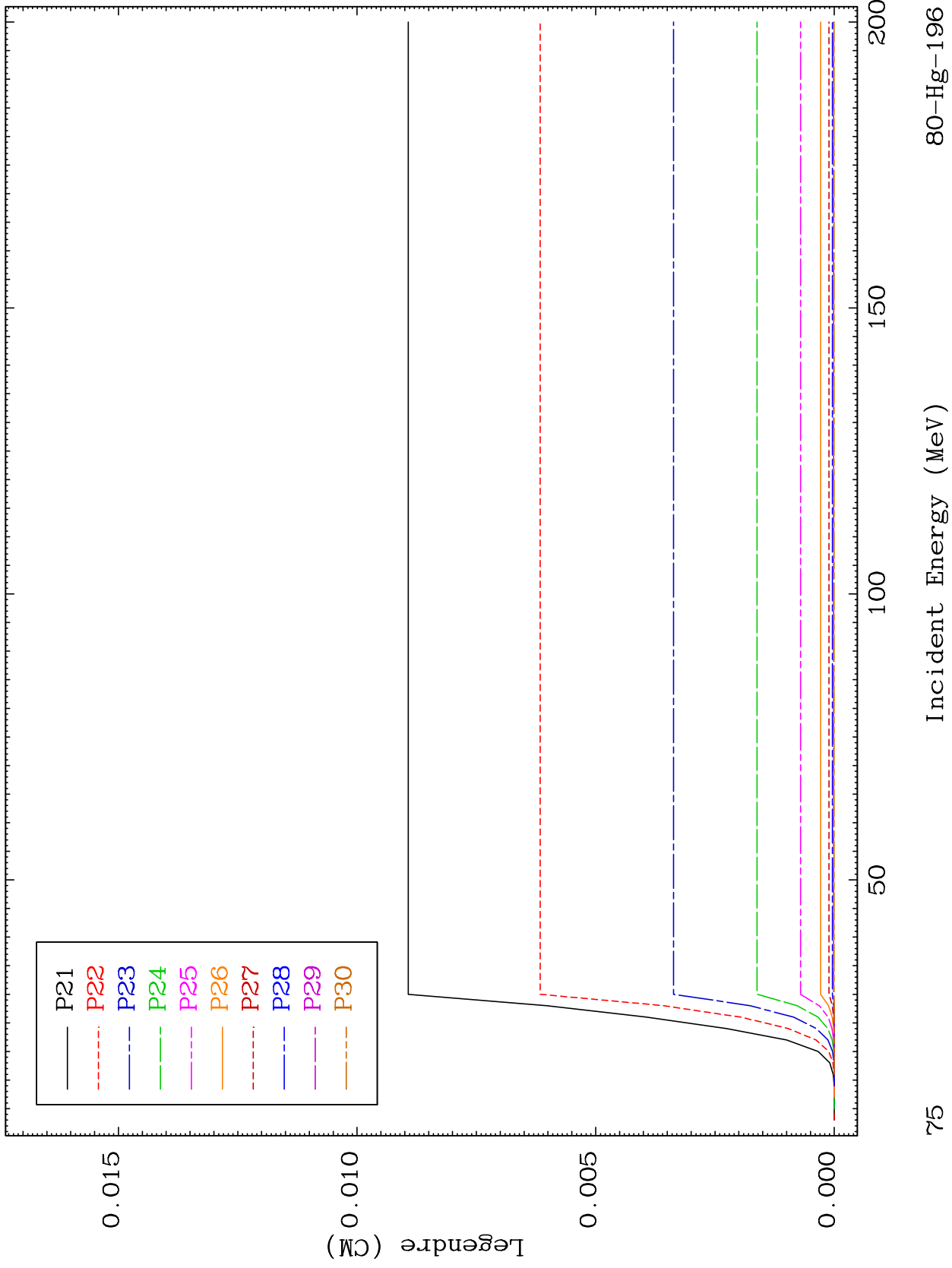
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

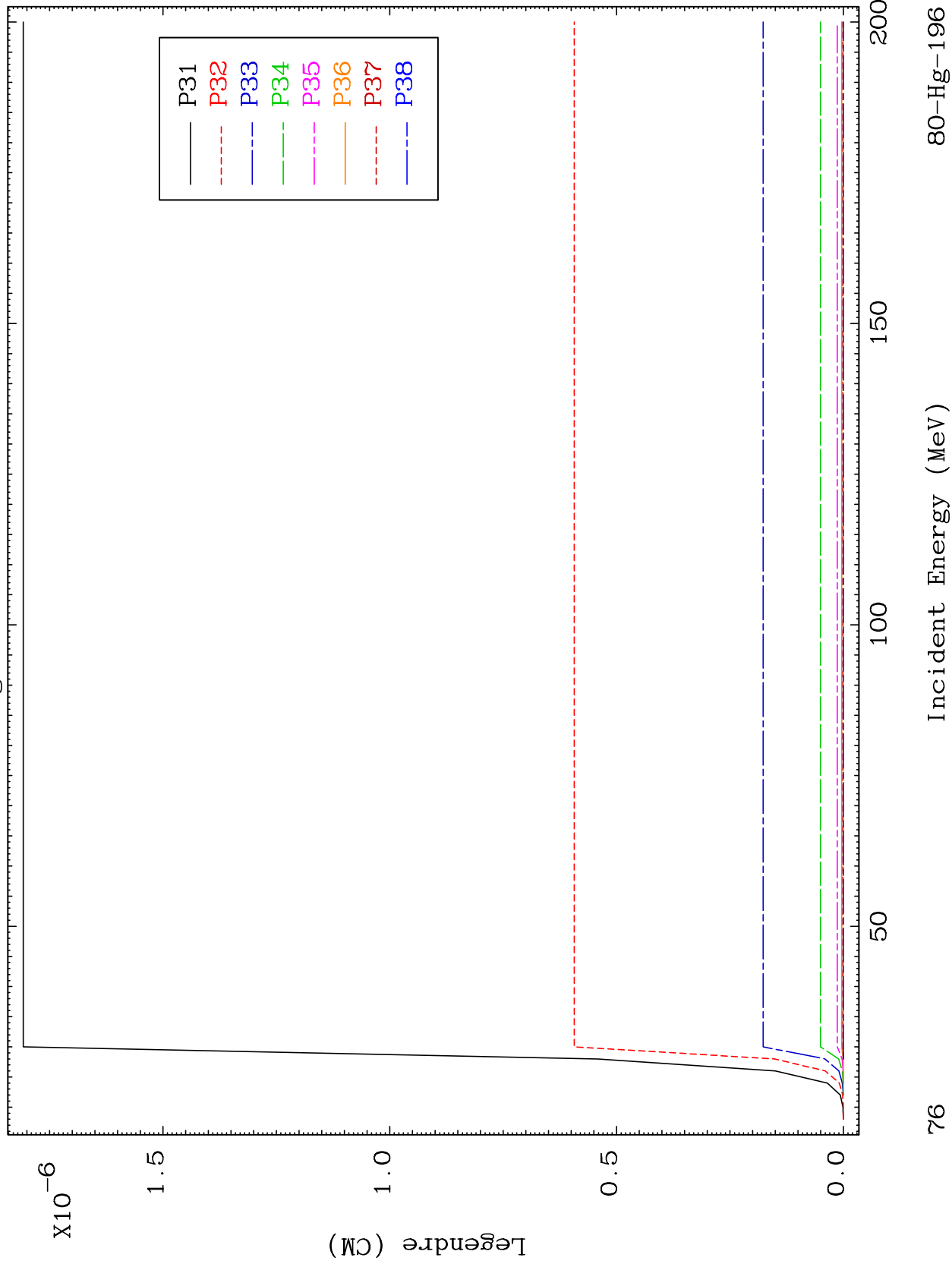
80-Hg-196



MAT 8025

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

80-Hg-196

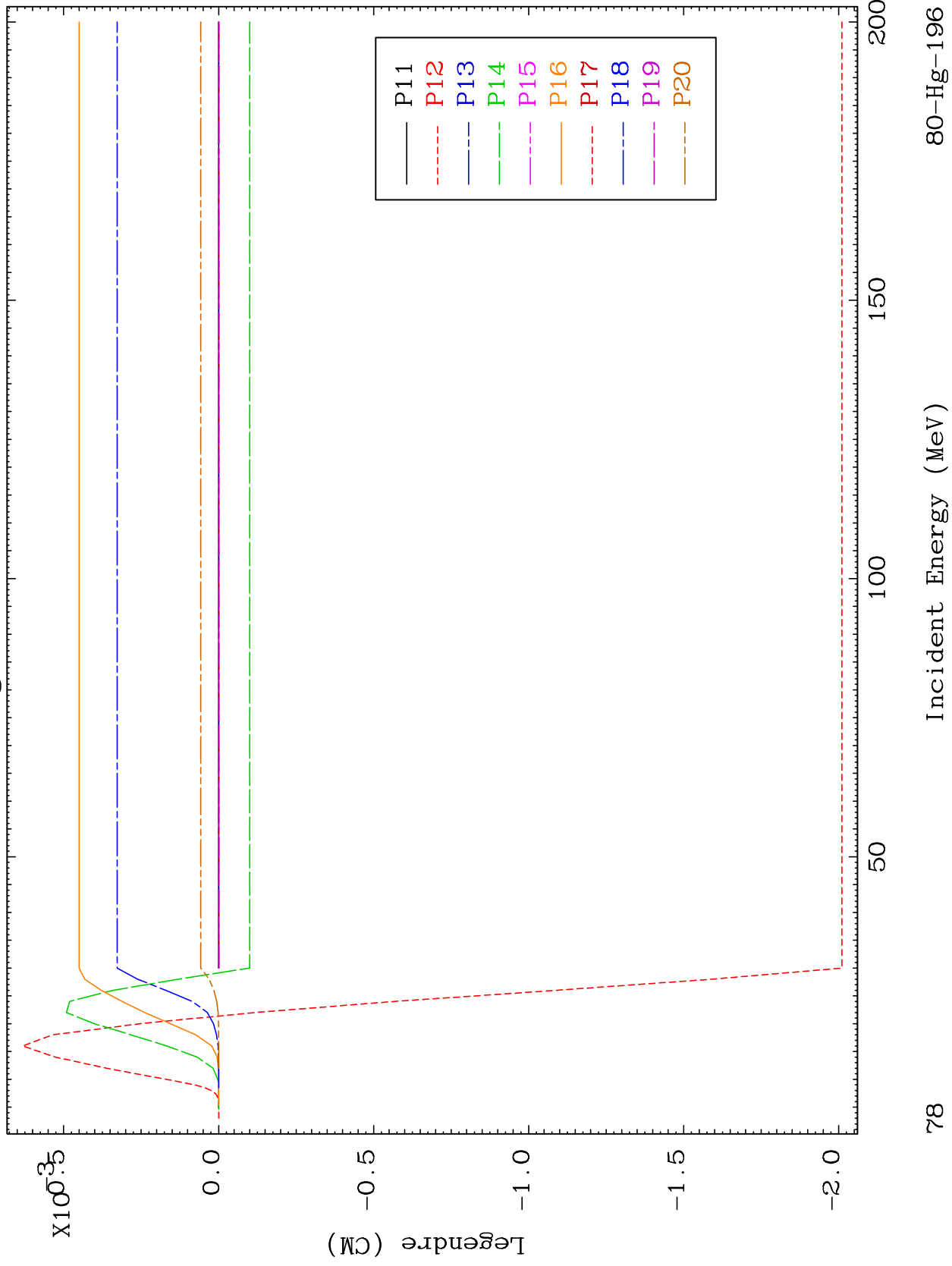




MAT 8025

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

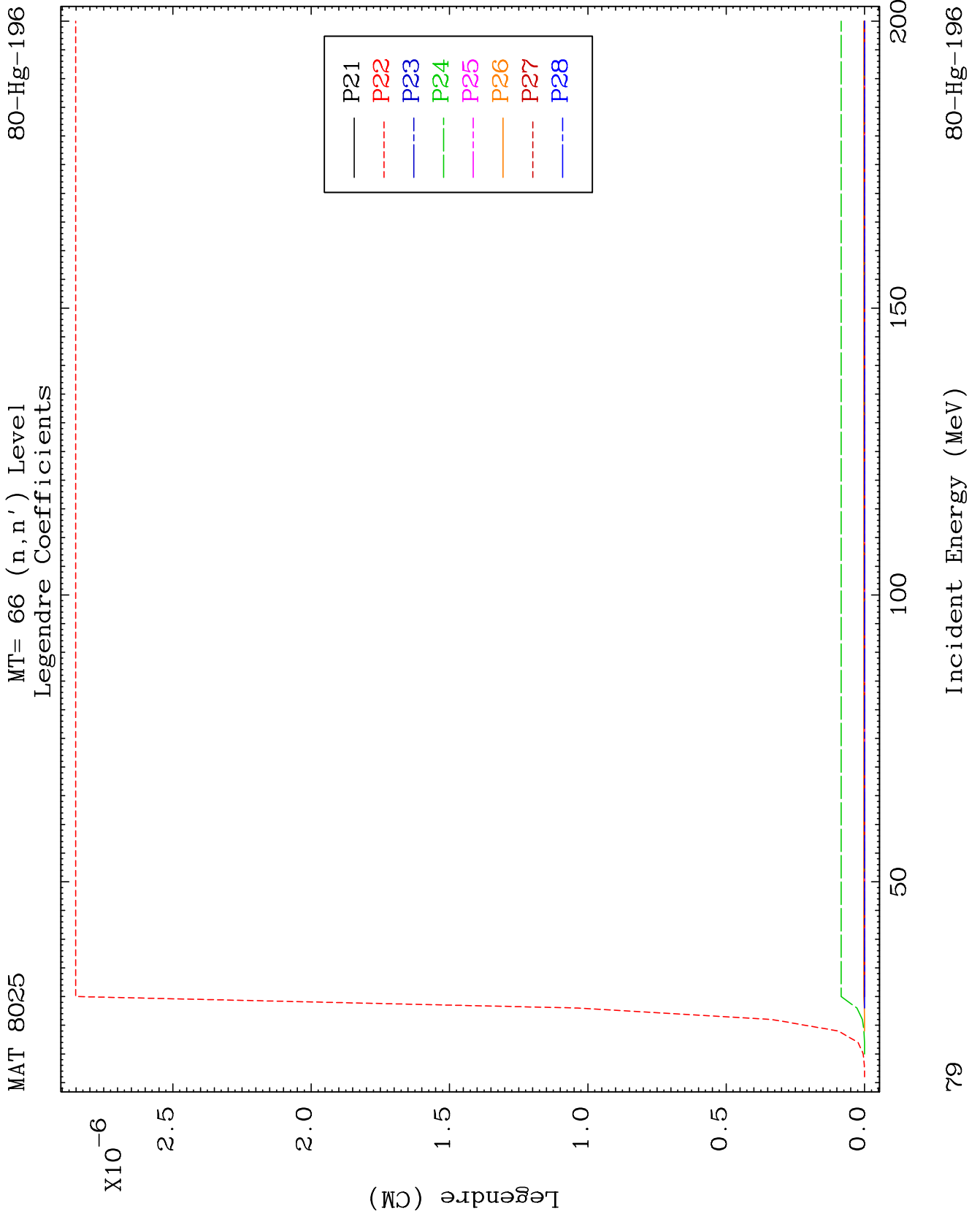
80-Hg-196

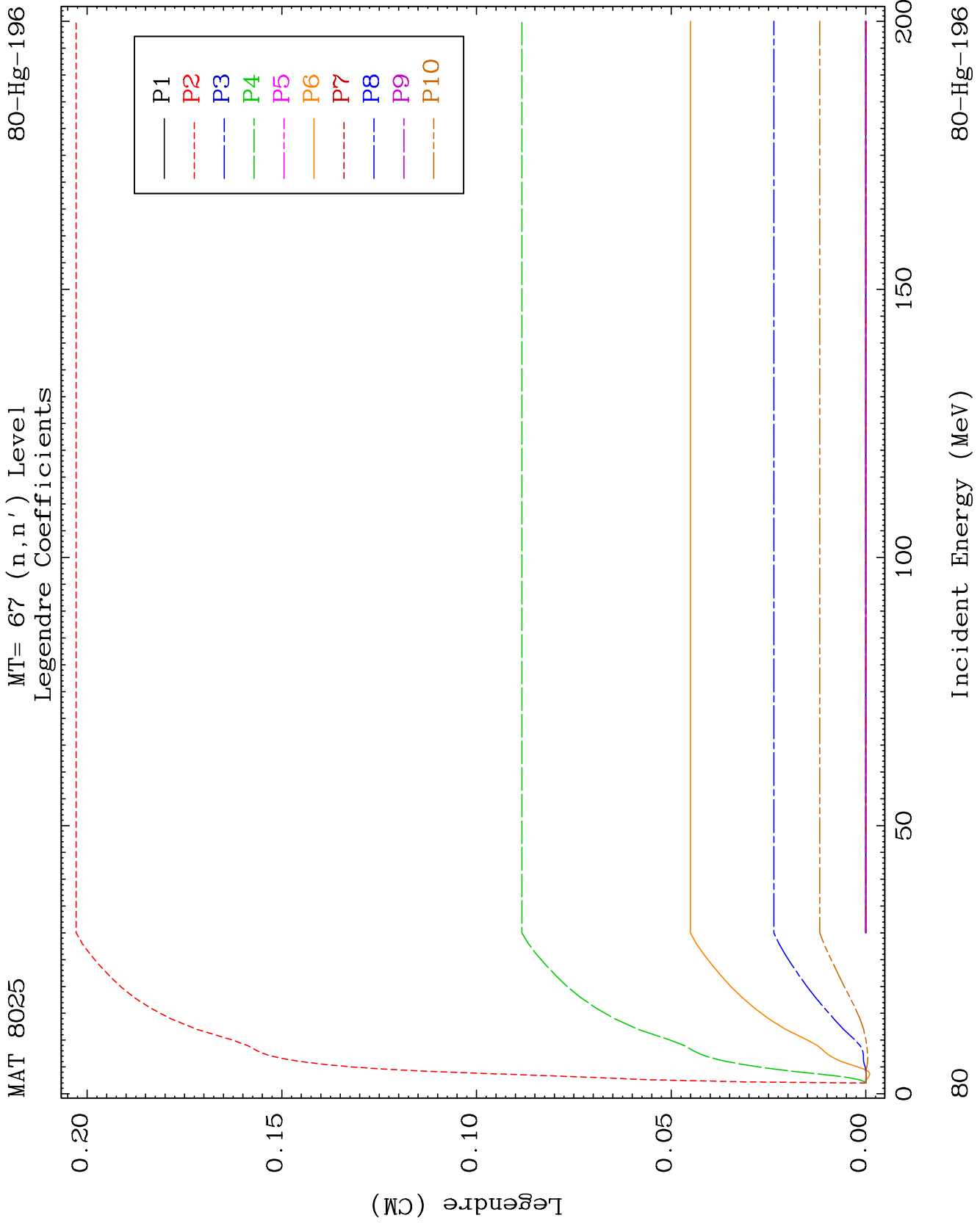


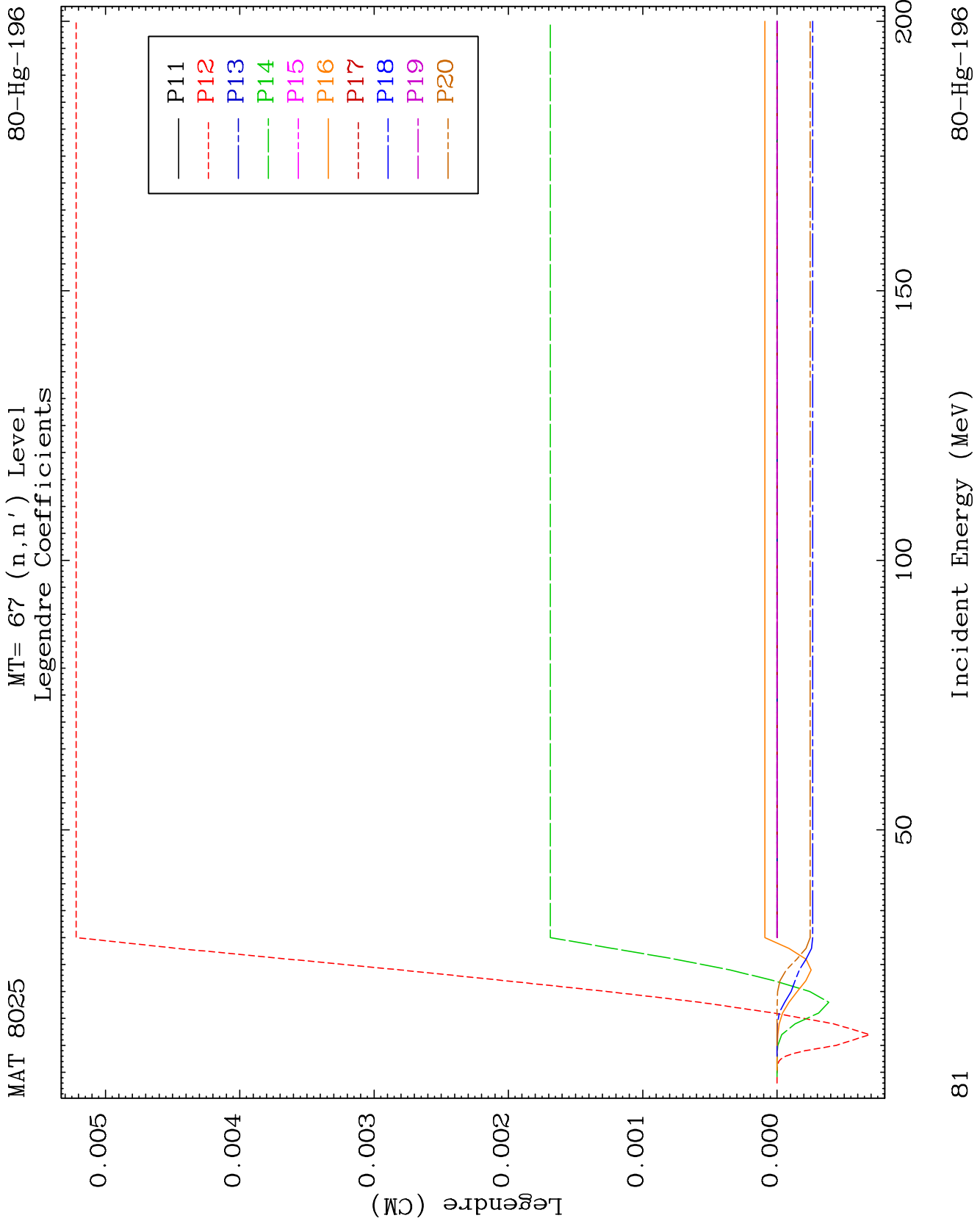
78

Incident Energy (MeV)

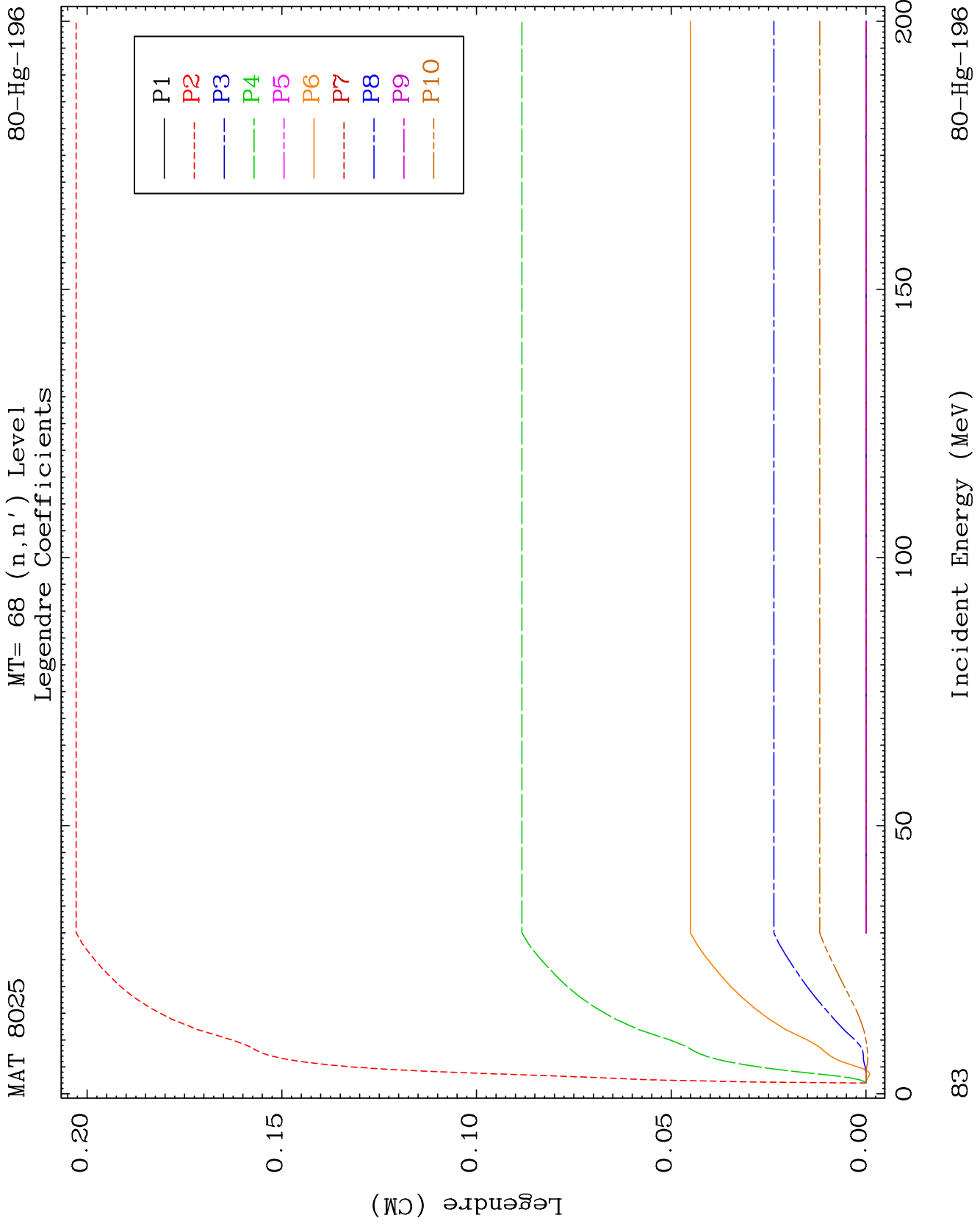
80-Hg-196



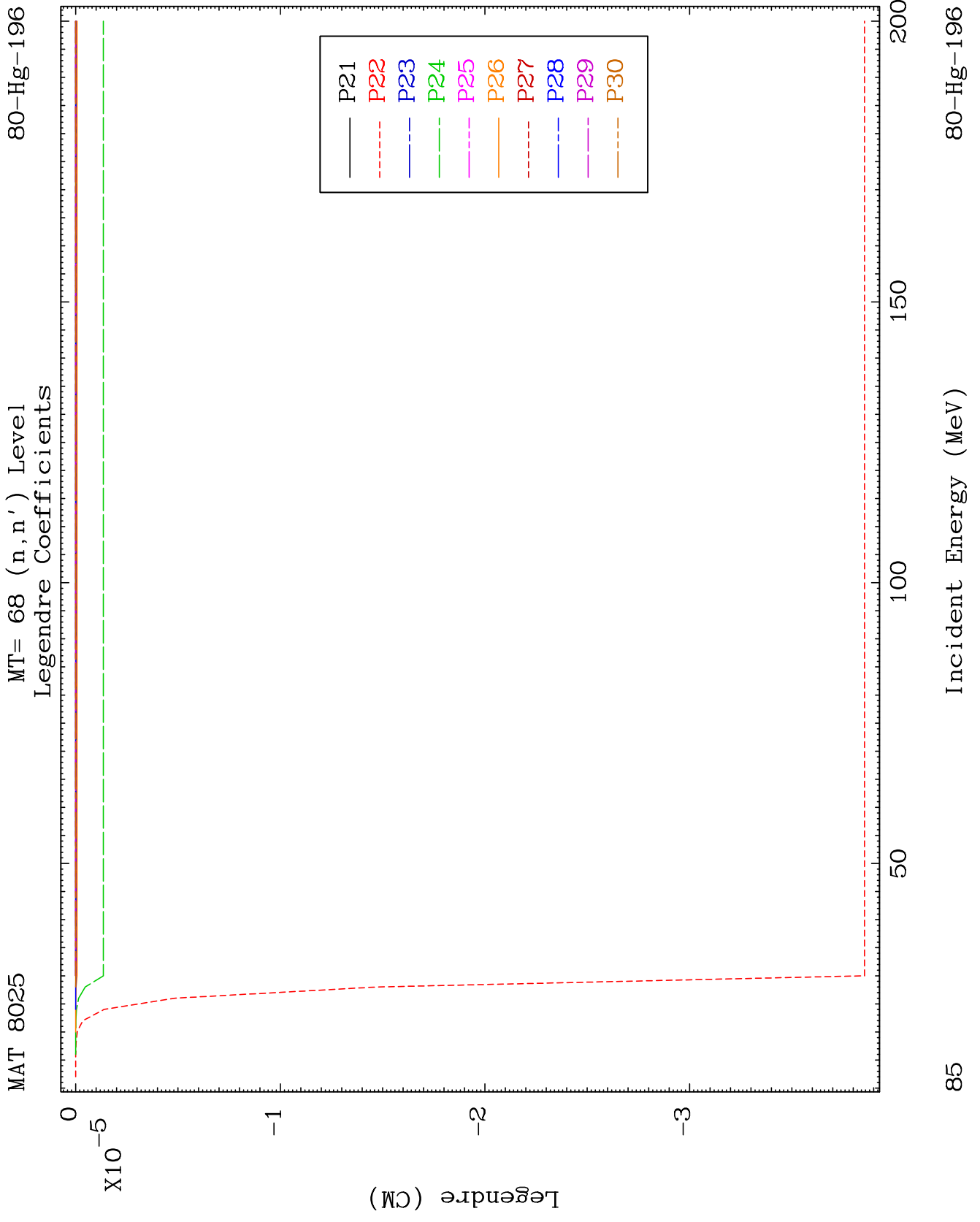


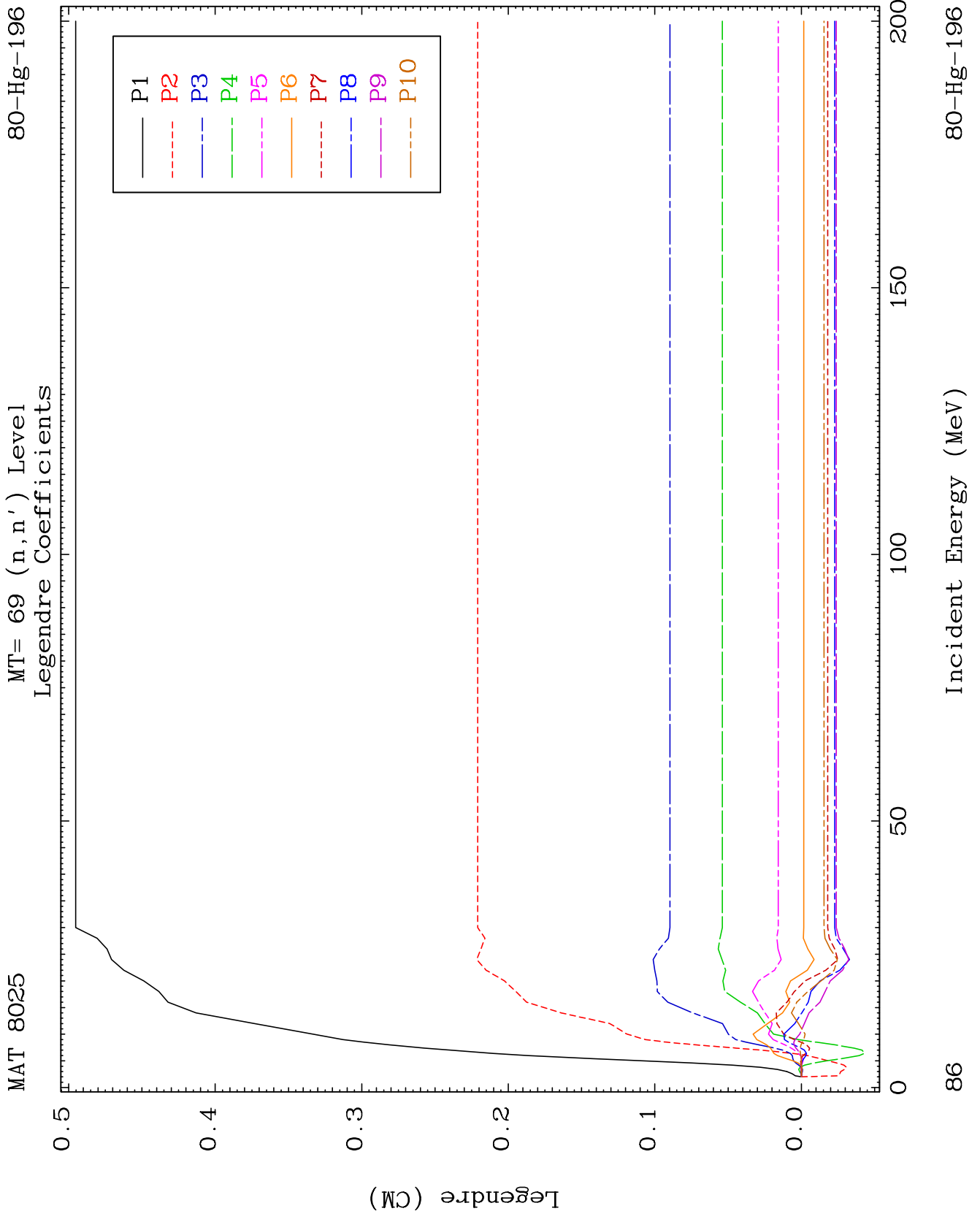








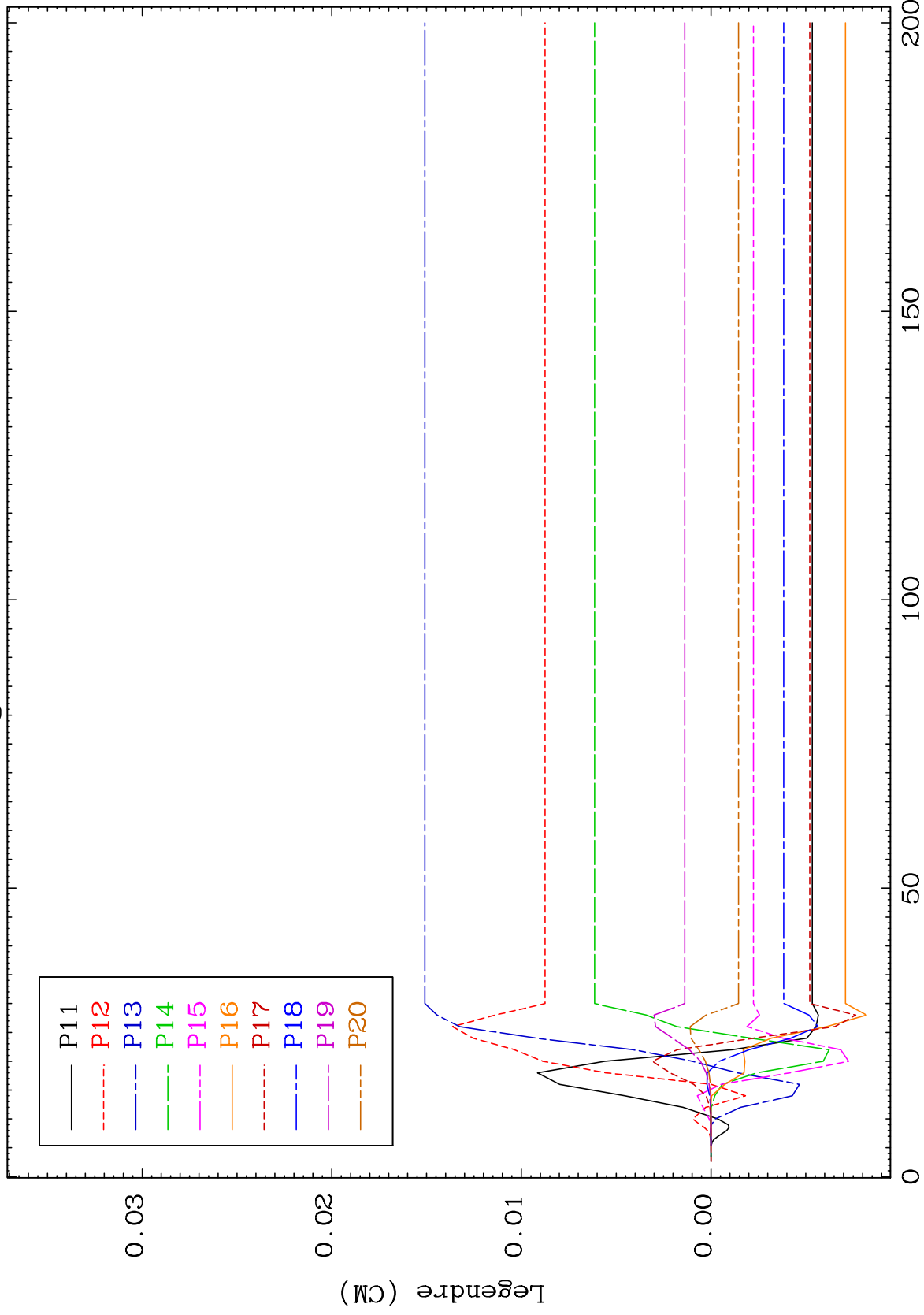




MAT 8025

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

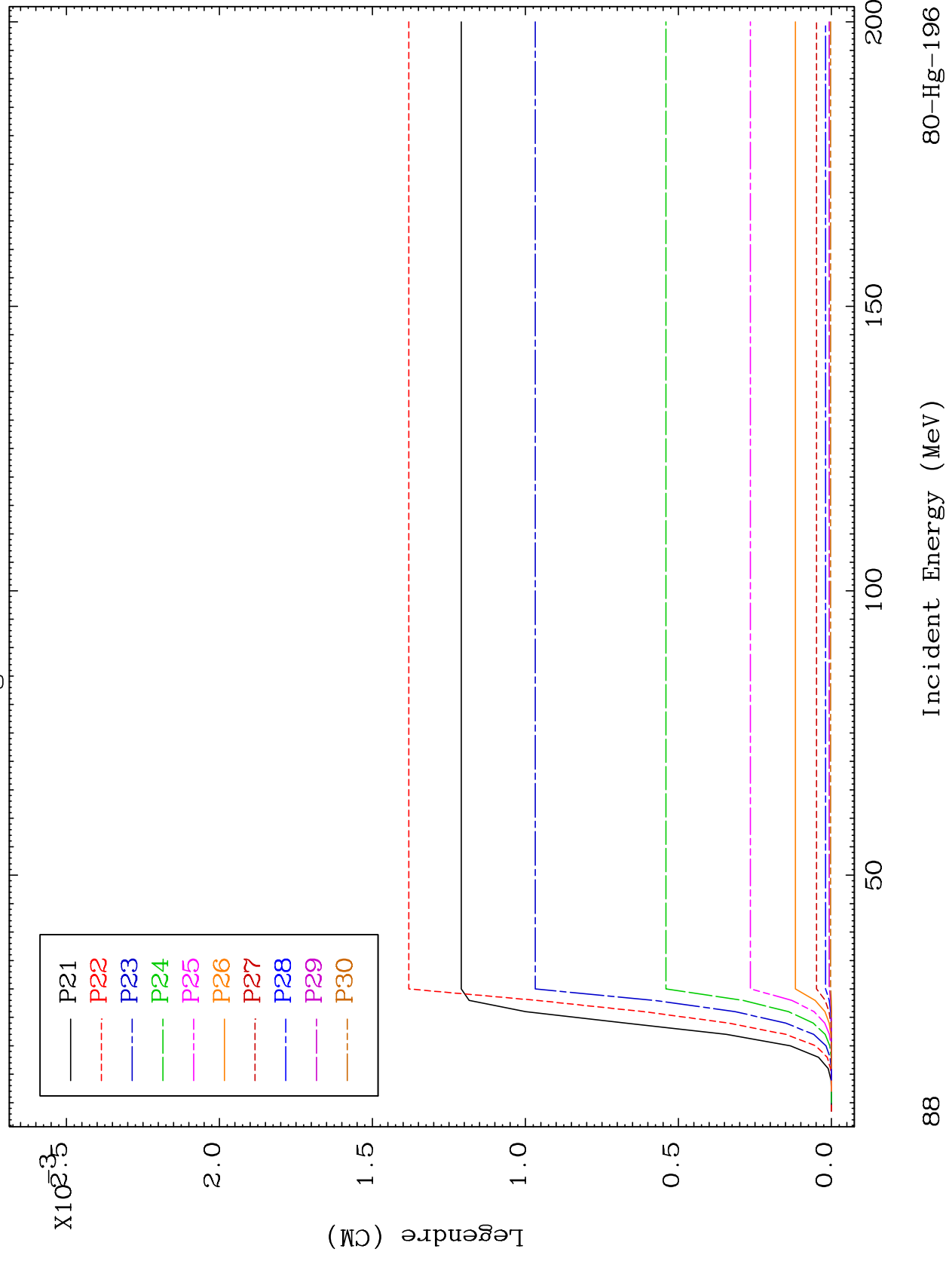
80-Hg-196



87

Incident Energy (MeV)

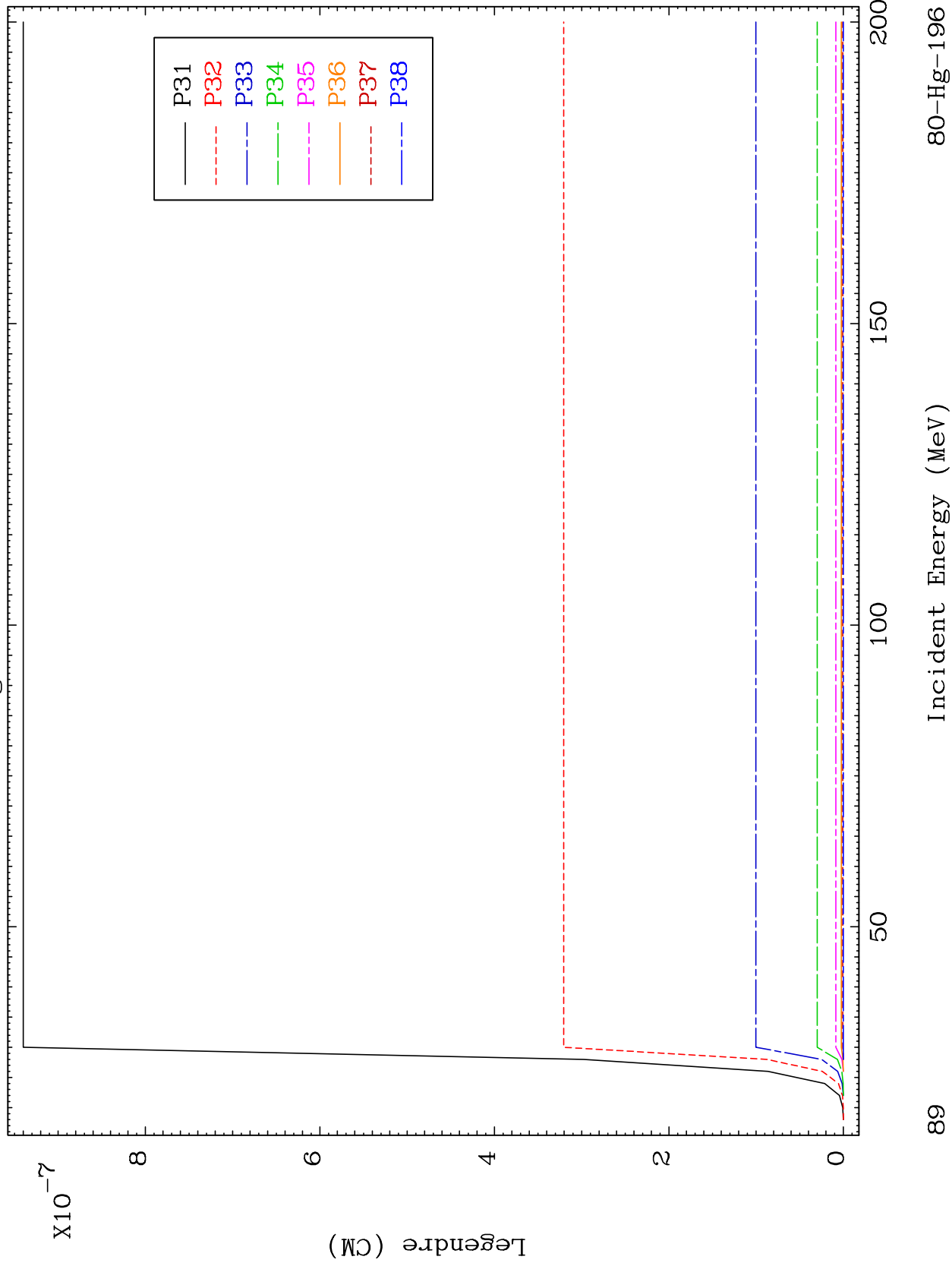
80-Hg-196



MAT 8025

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

80-Hg-196

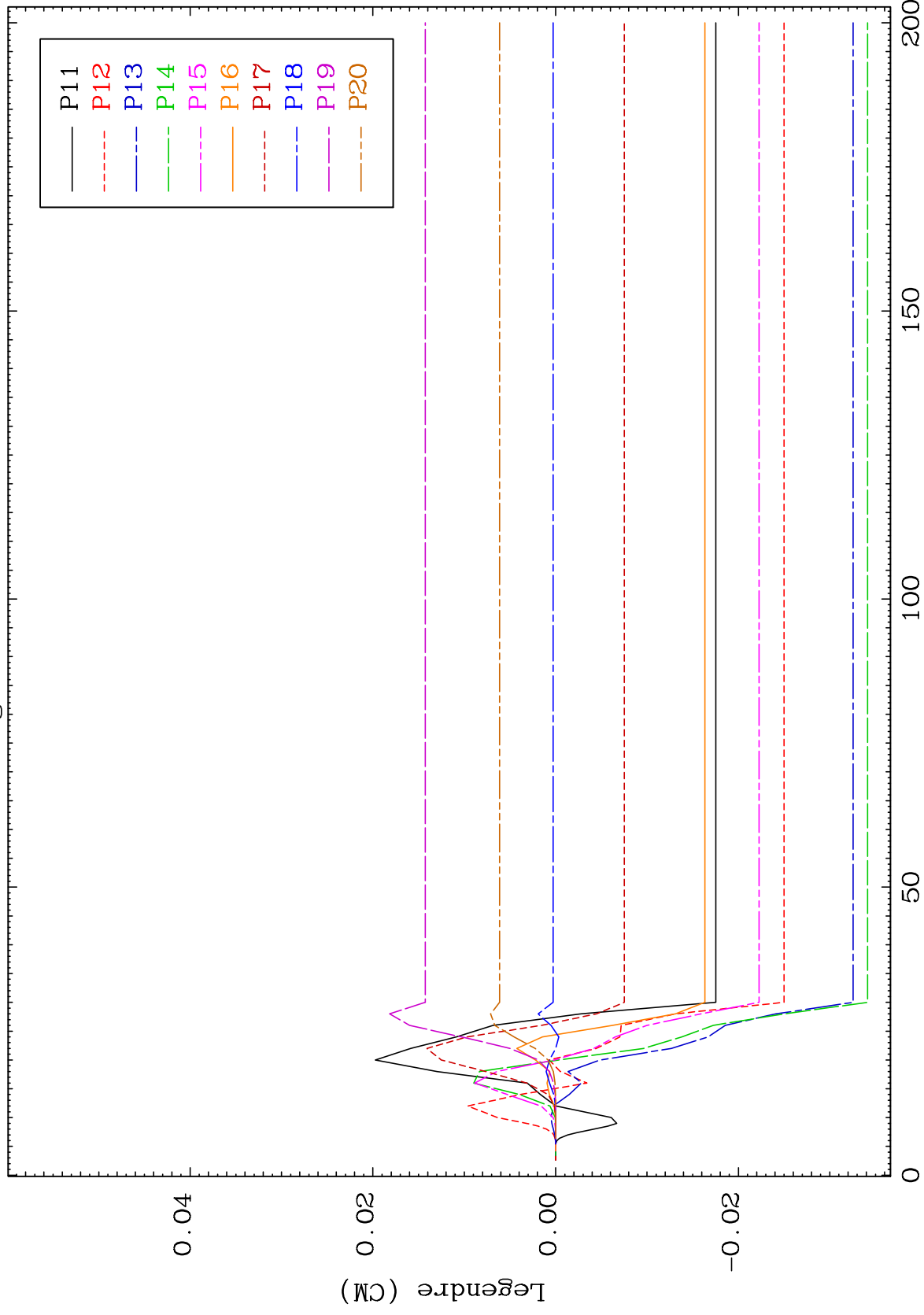




MAT 8025

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

80-Hg-196



91

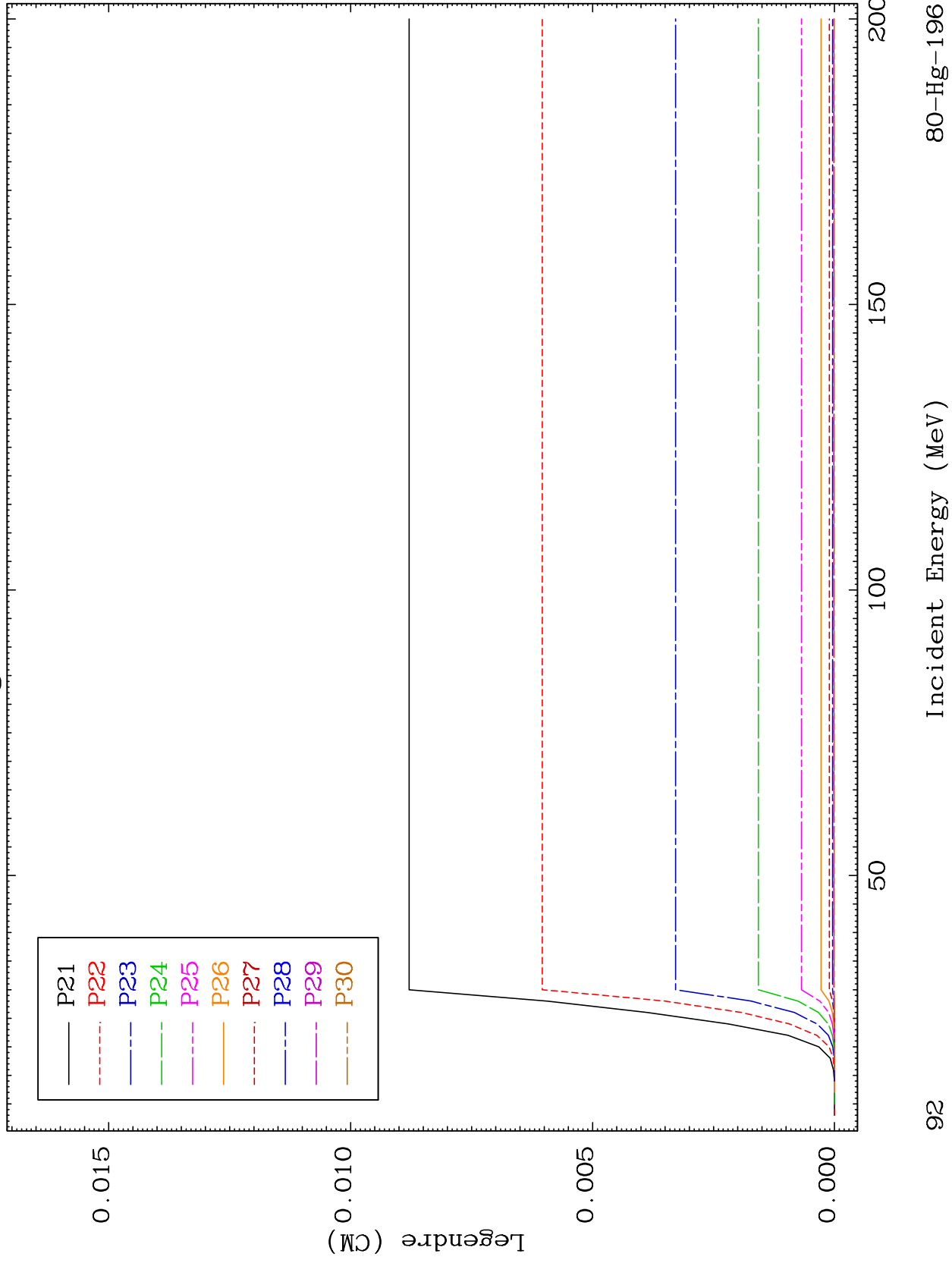
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

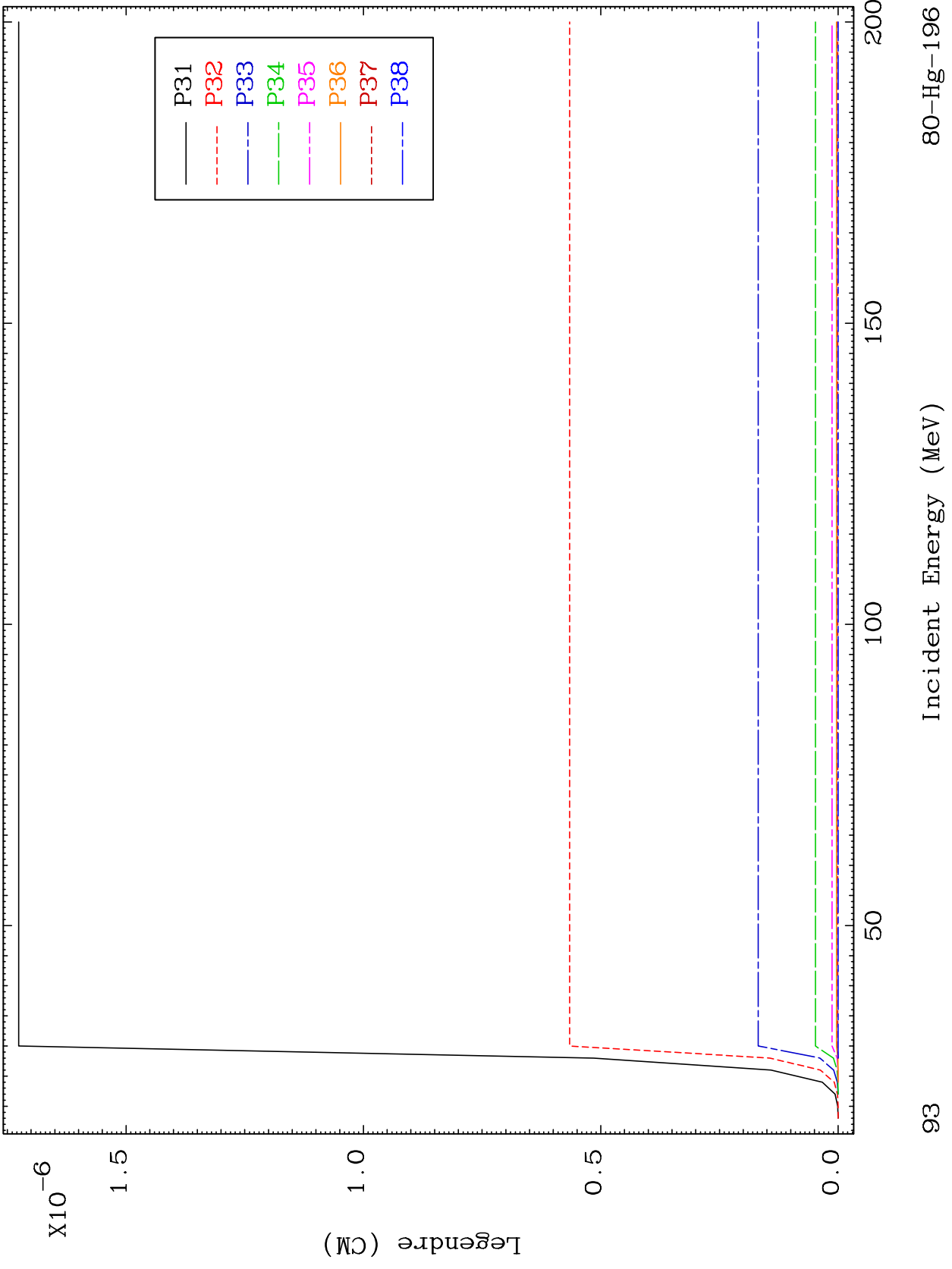
80-Hg-196

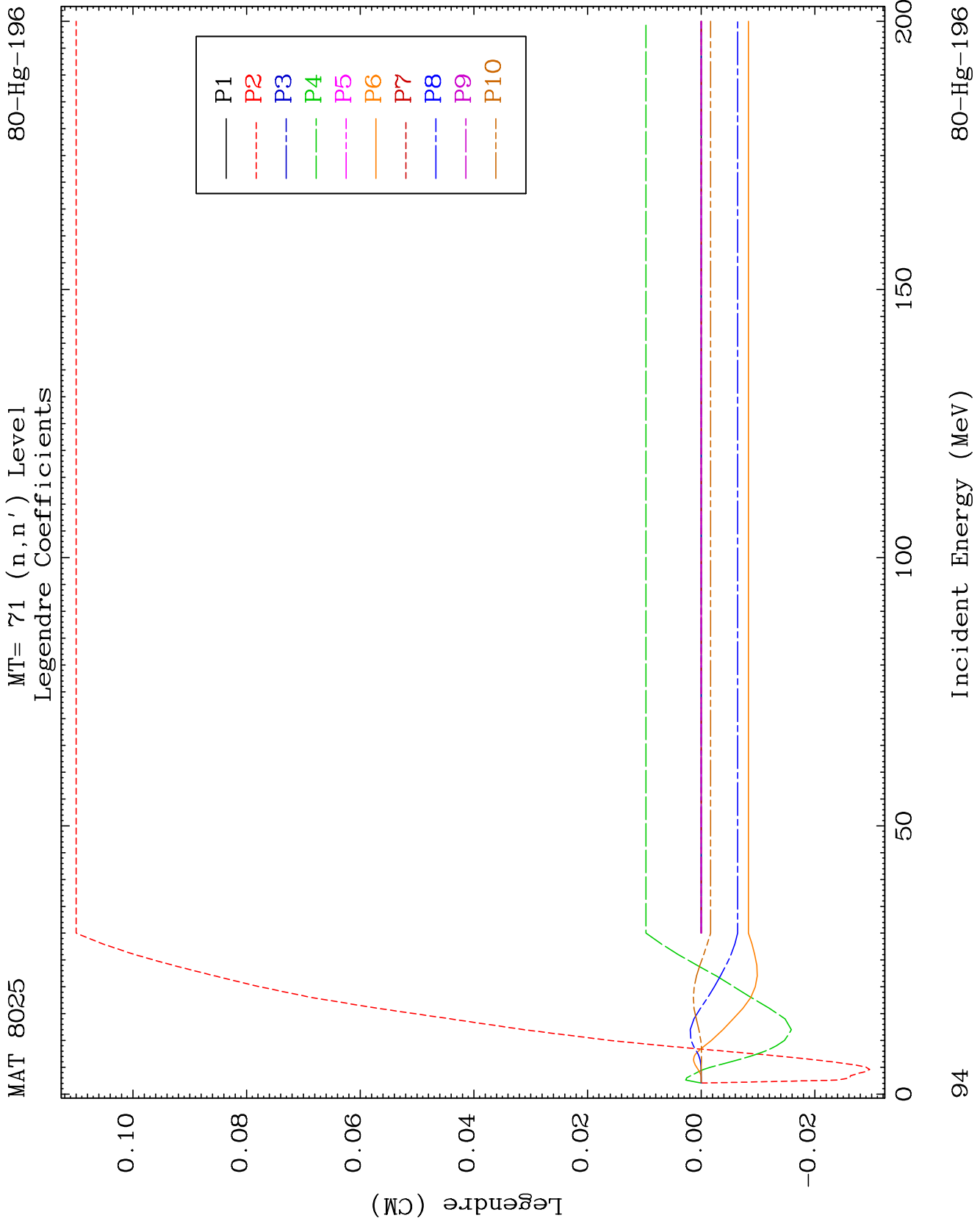


MAT 8025

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

80-Hg-196

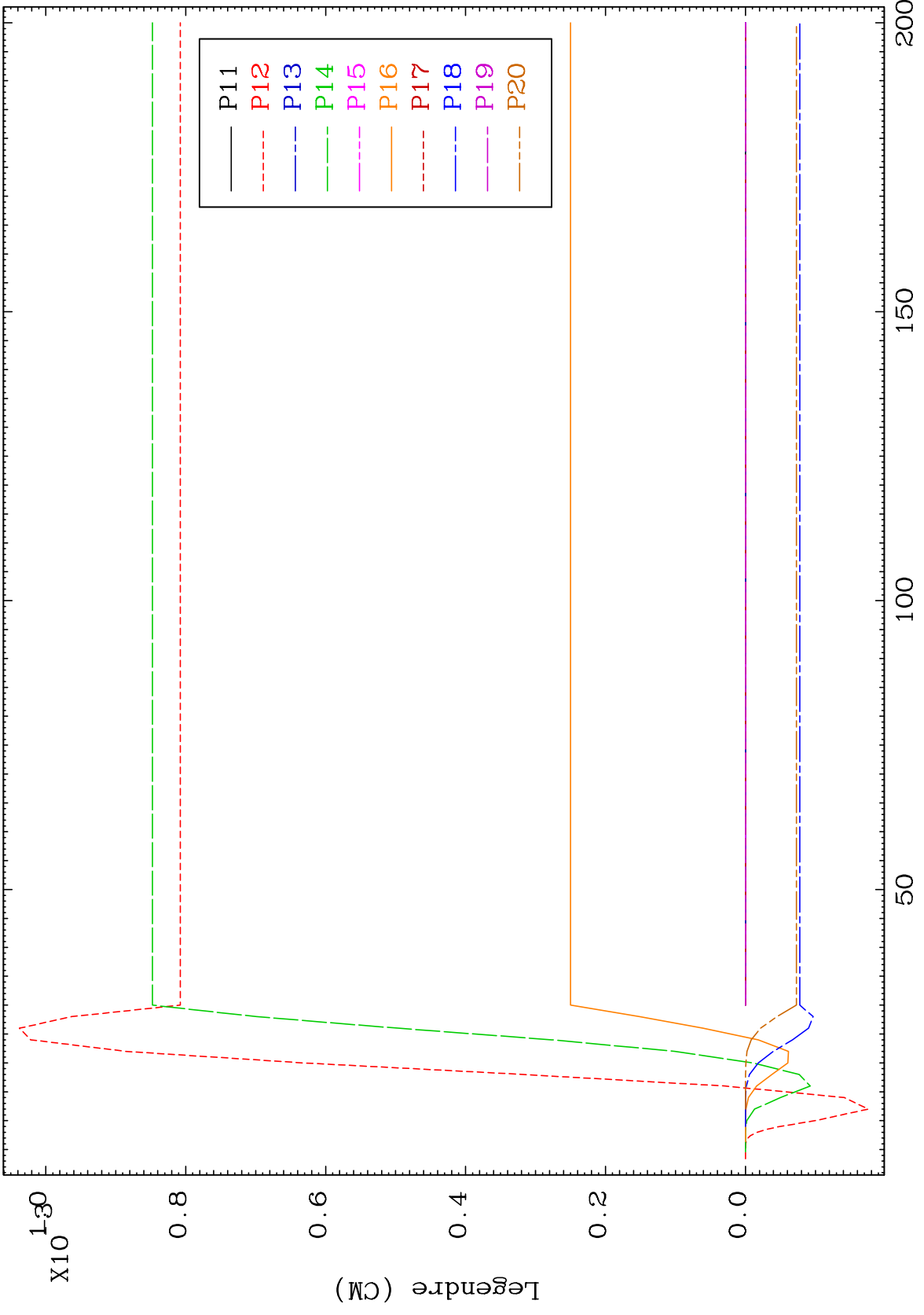




MAT 8025

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

80-Hg-196



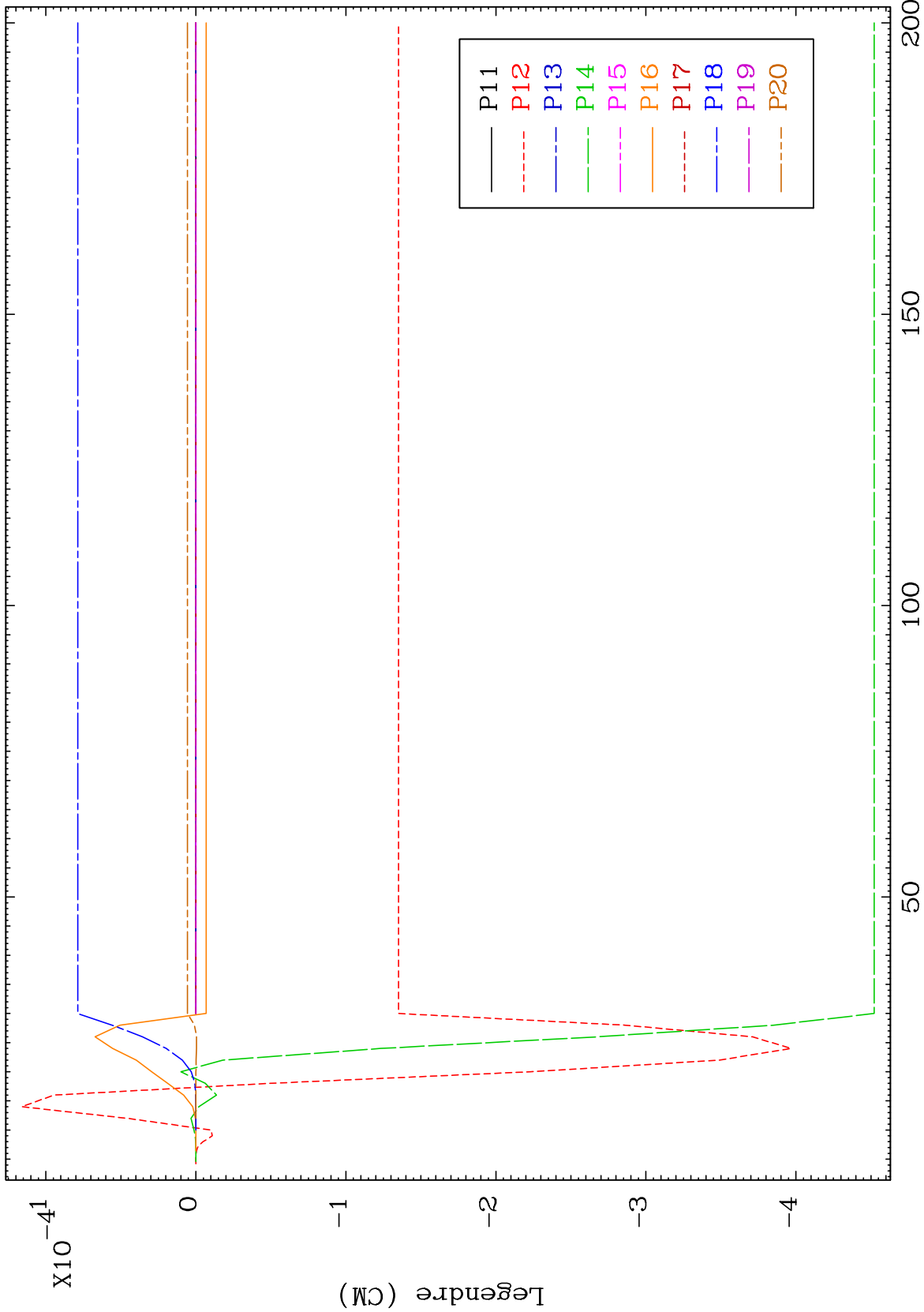
95

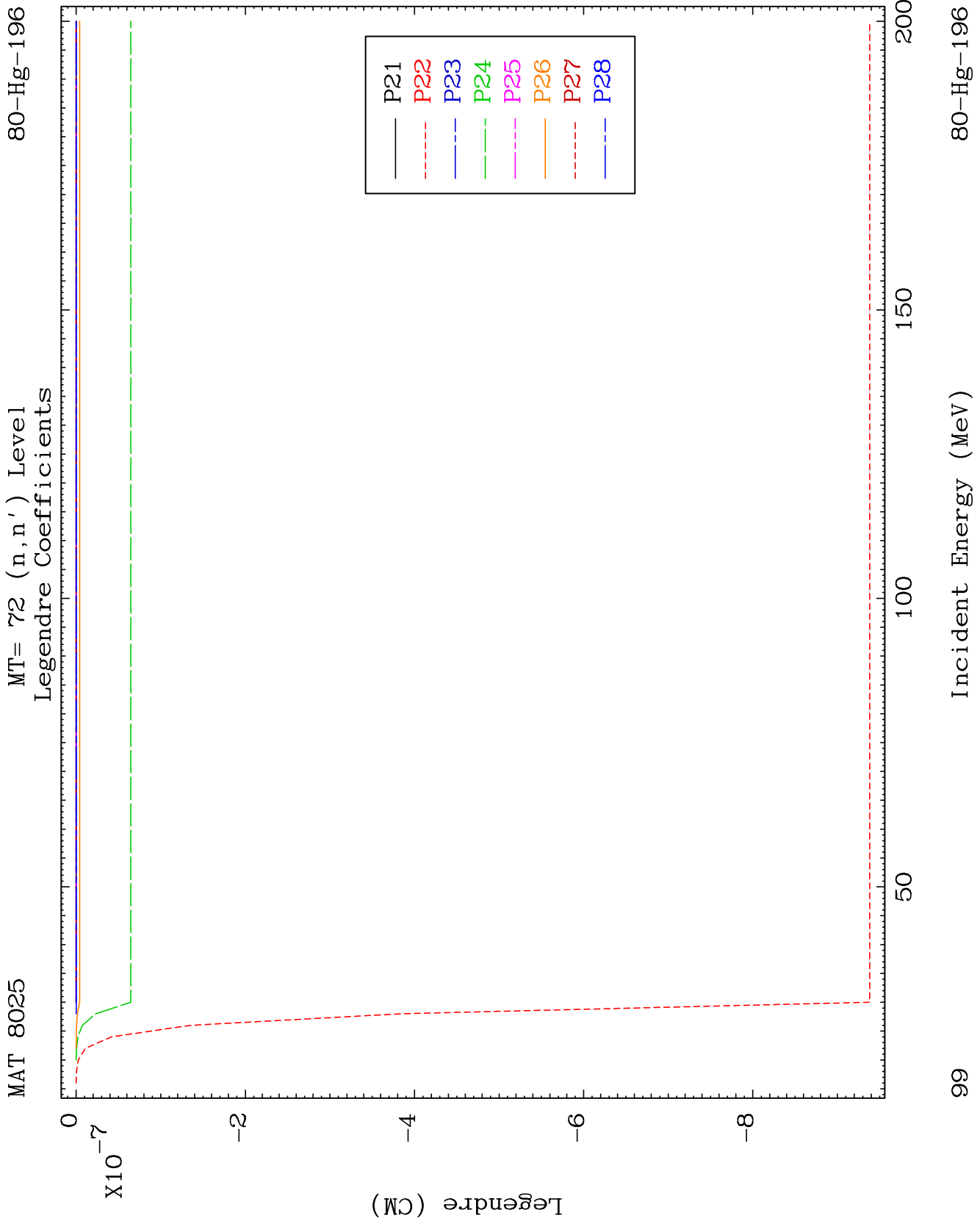
Incident Energy (MeV)

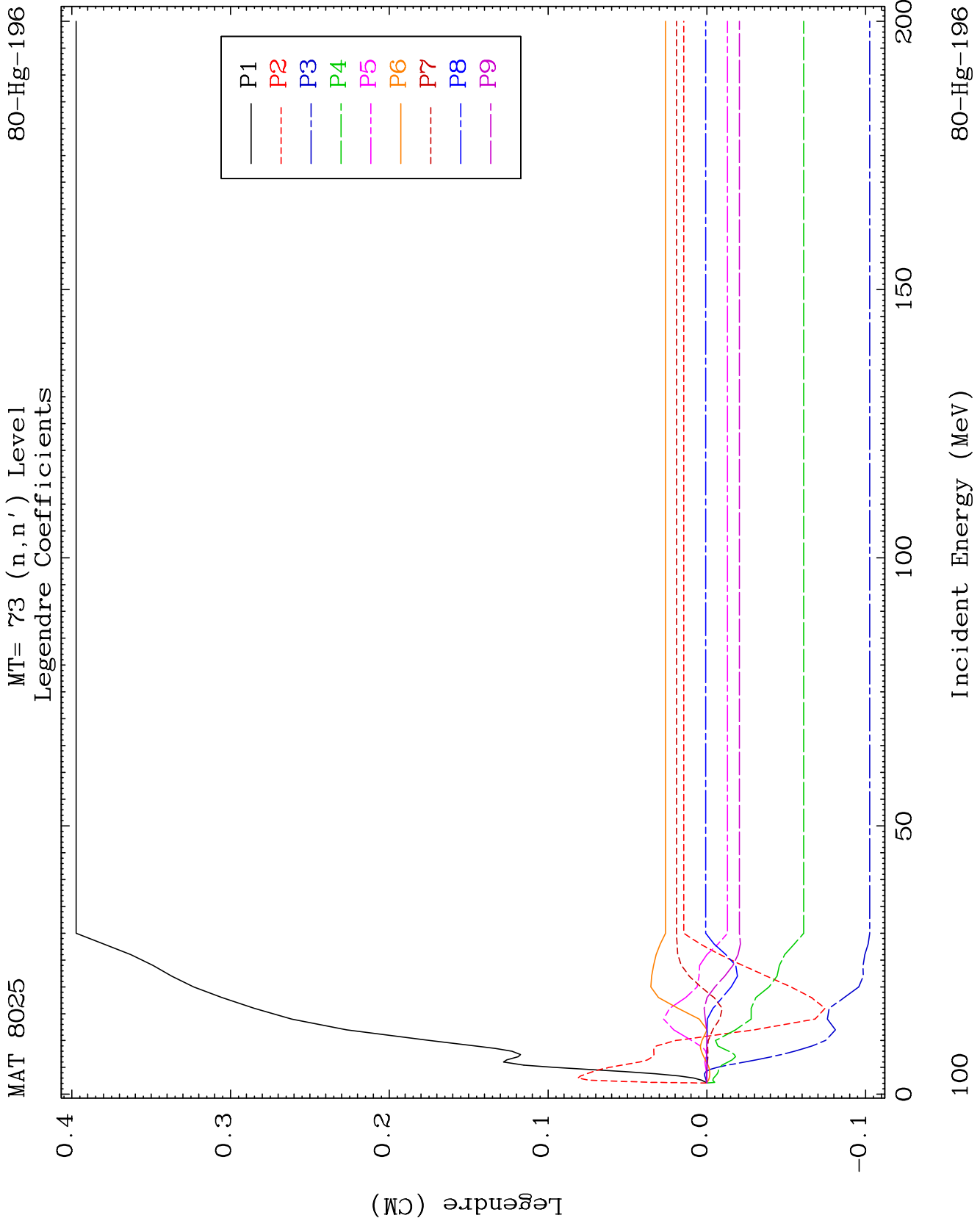
80-Hg-196







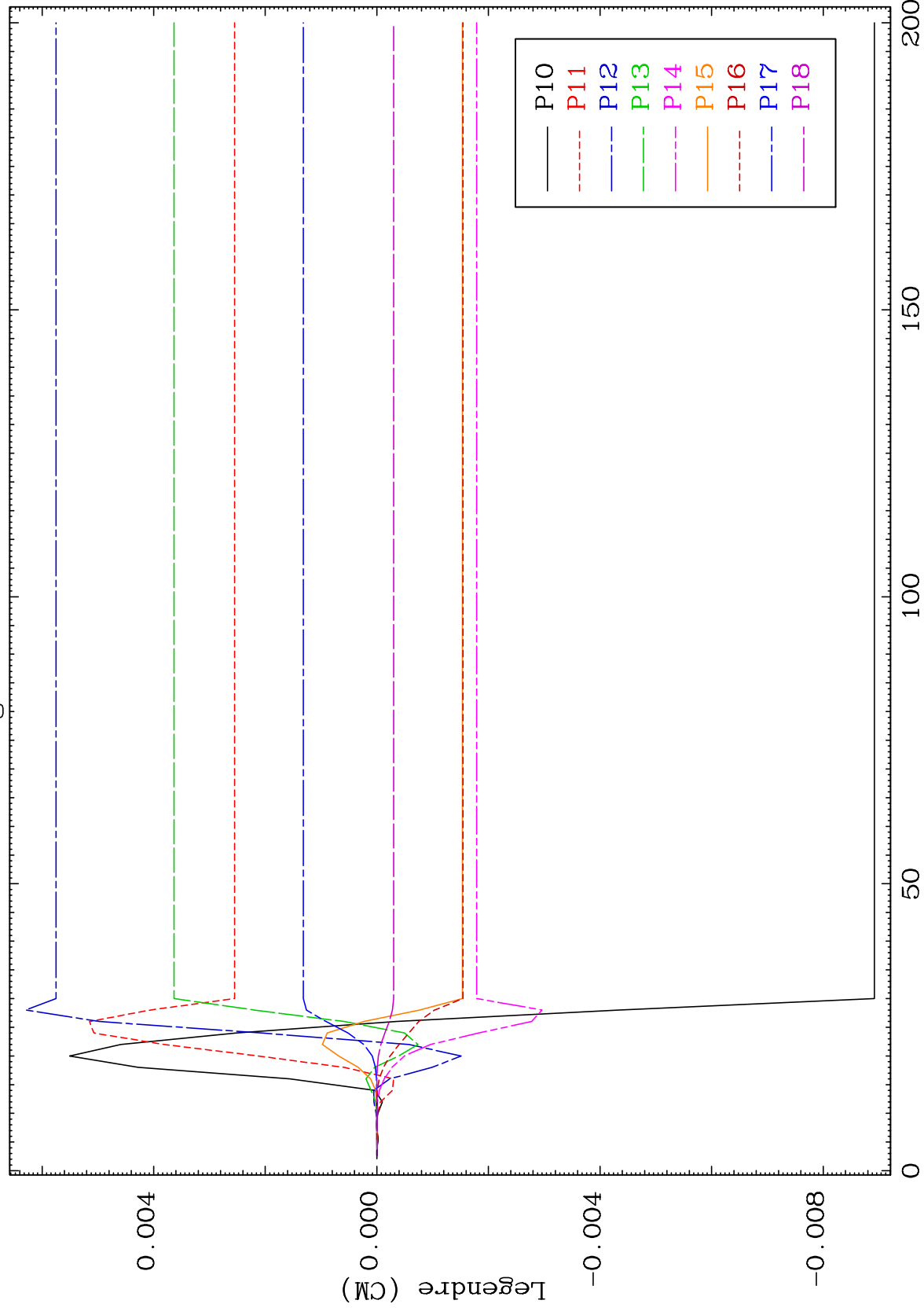




MAT 8025

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

80-Hg-196



101

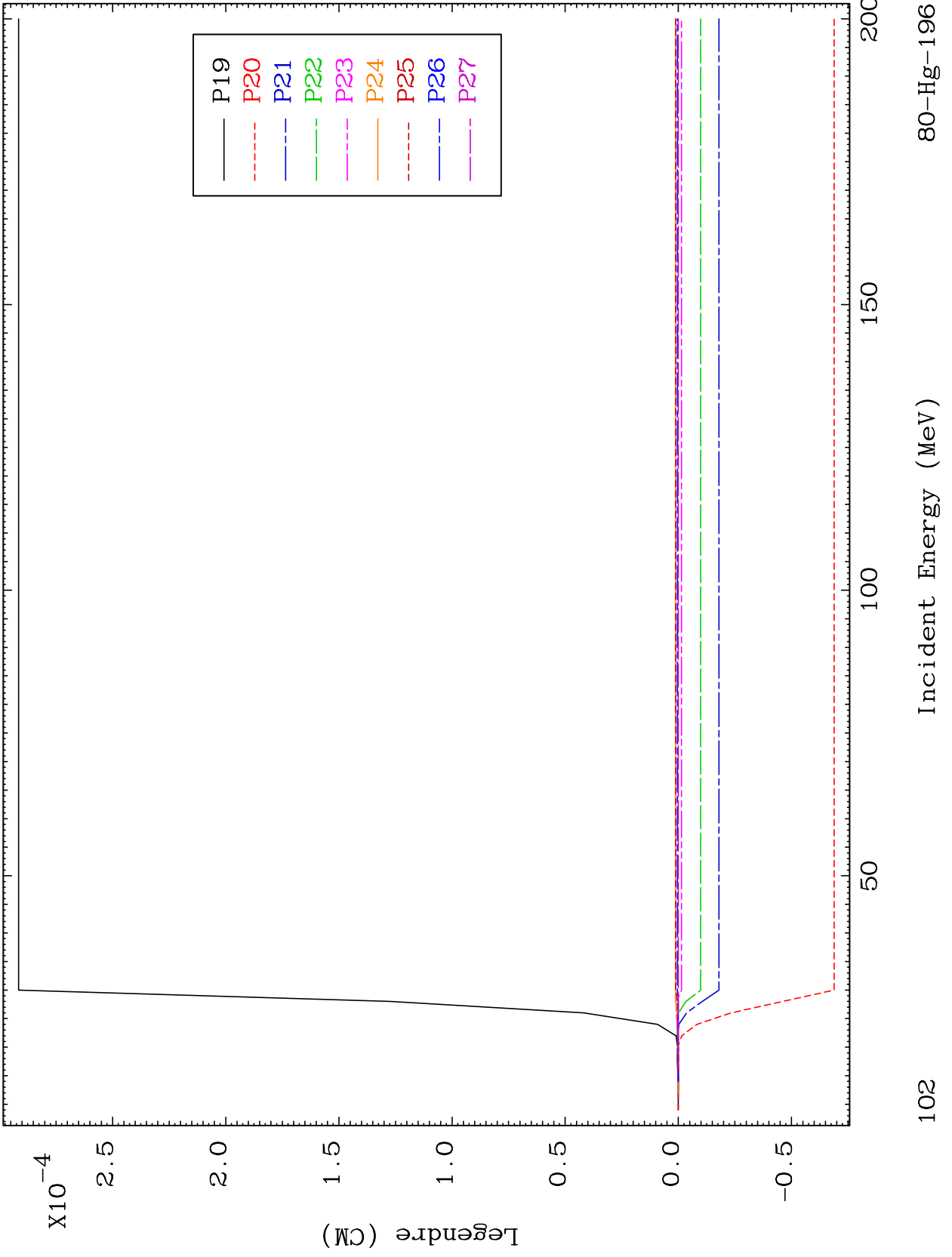
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



102

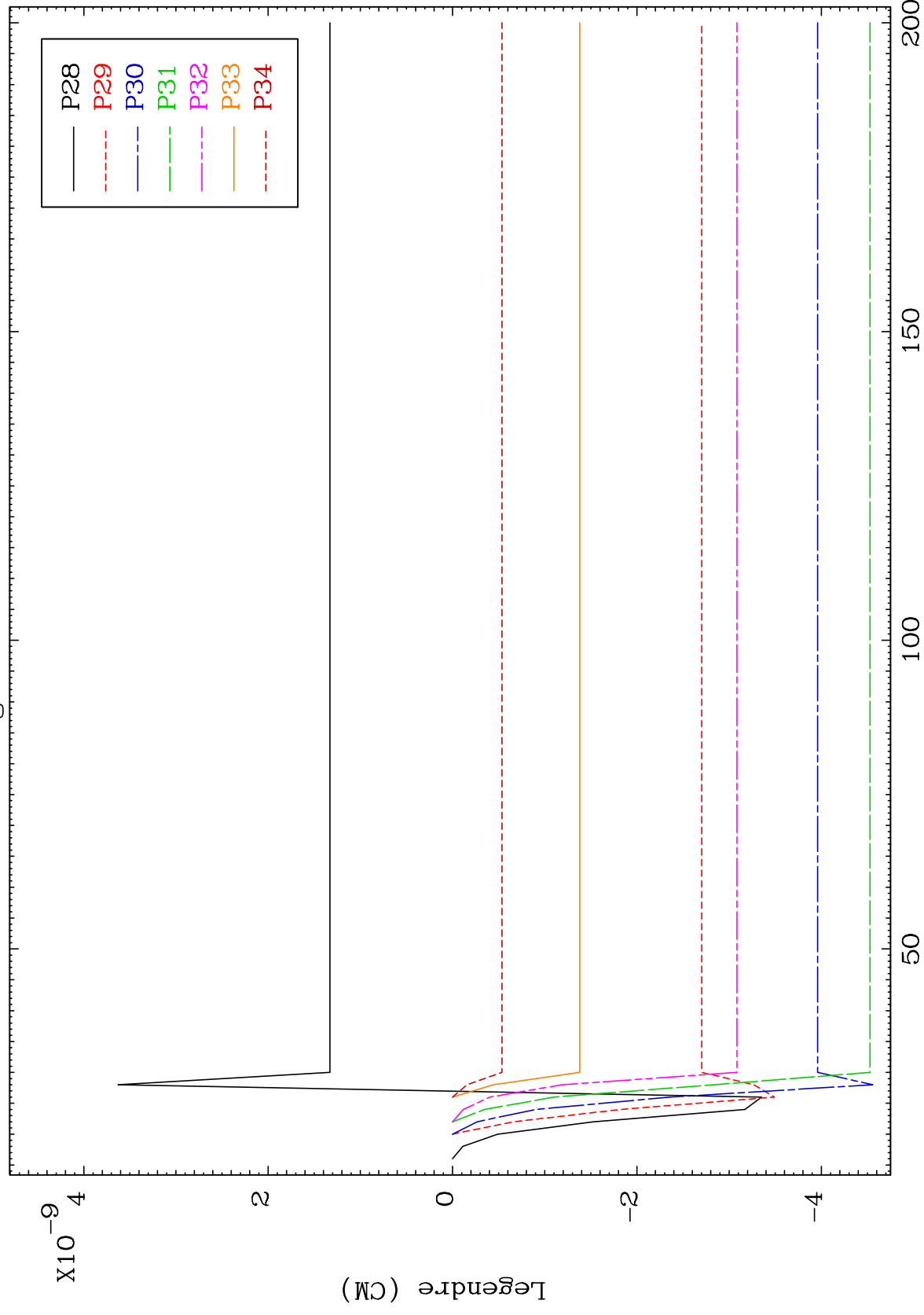
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



103

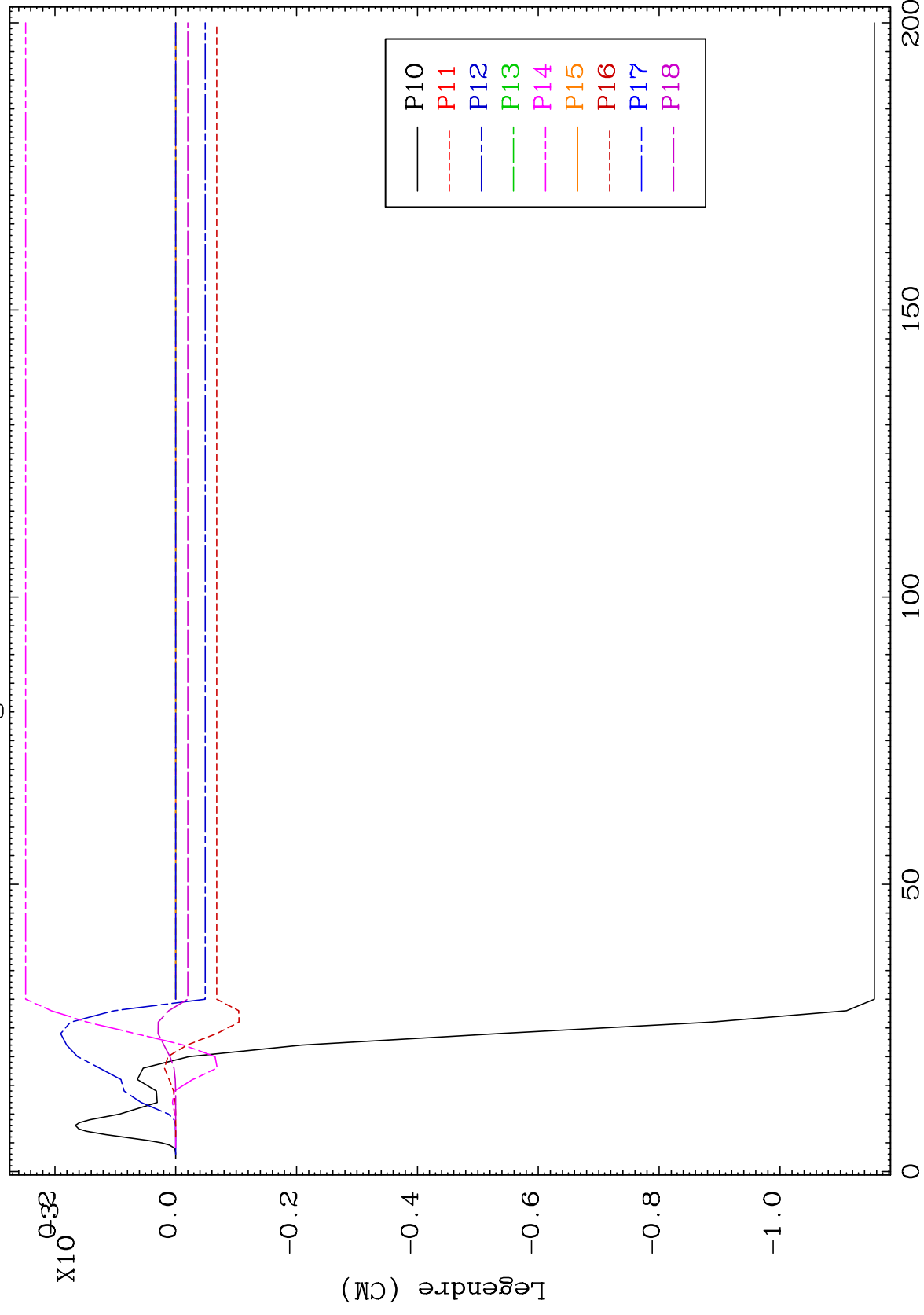
80-Hg-196



MAT 8025

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

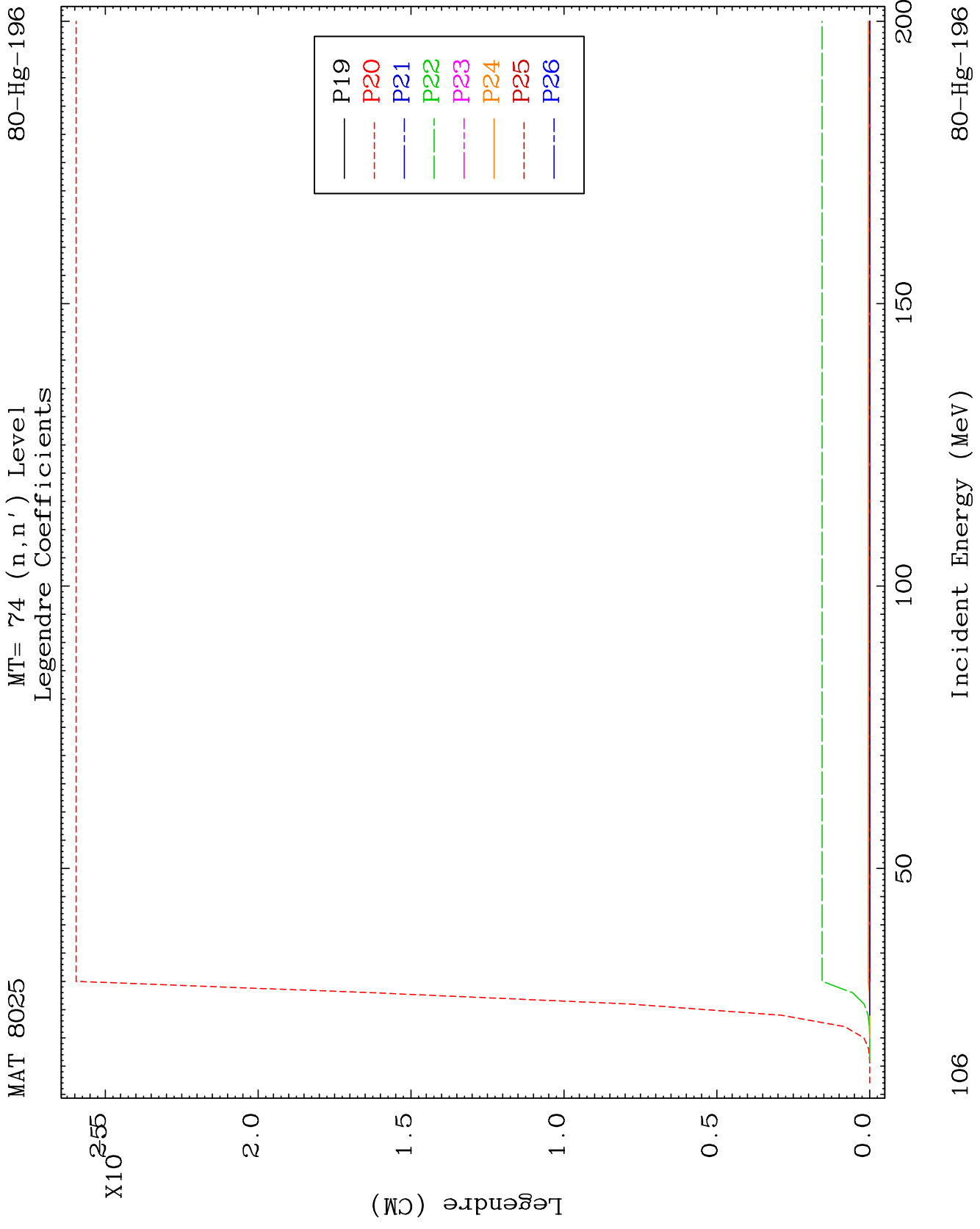
80-Hg-196



105

Incident Energy (MeV)

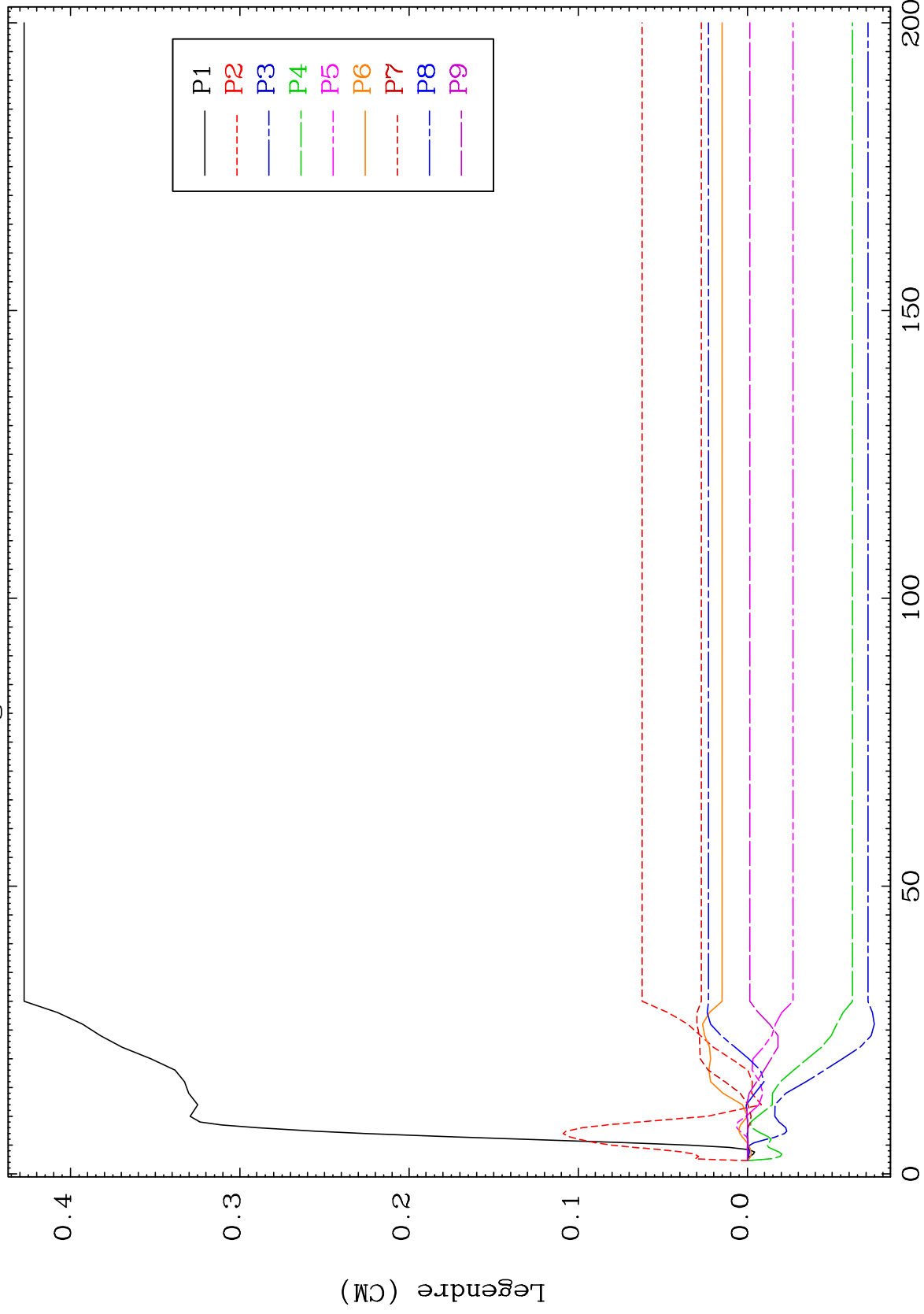
80-Hg-196



MAT 8025

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

80-Hg-196



107

Incident Energy (MeV)

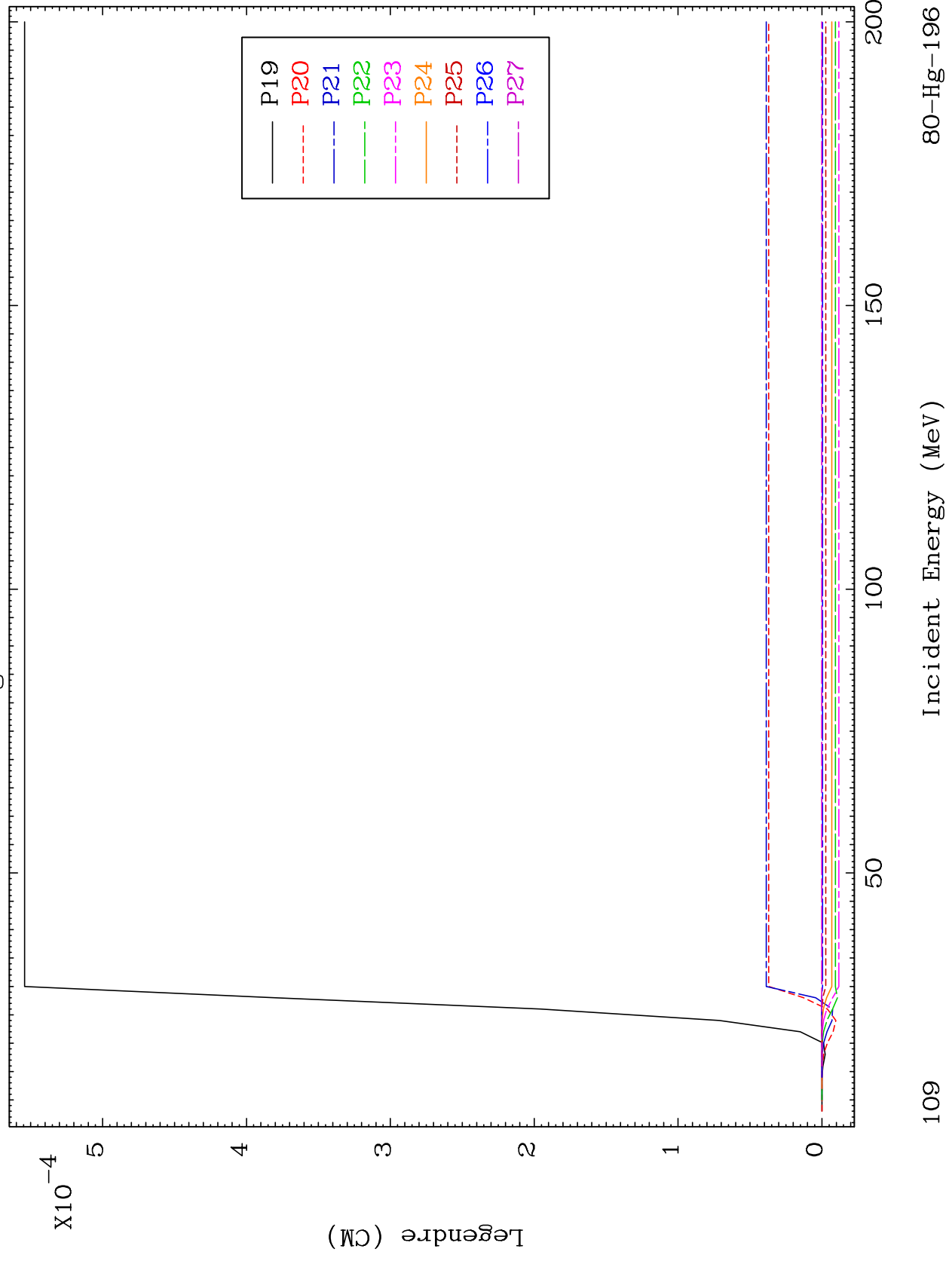
80-Hg-196



MAT 8025

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

80-Hg-196



109

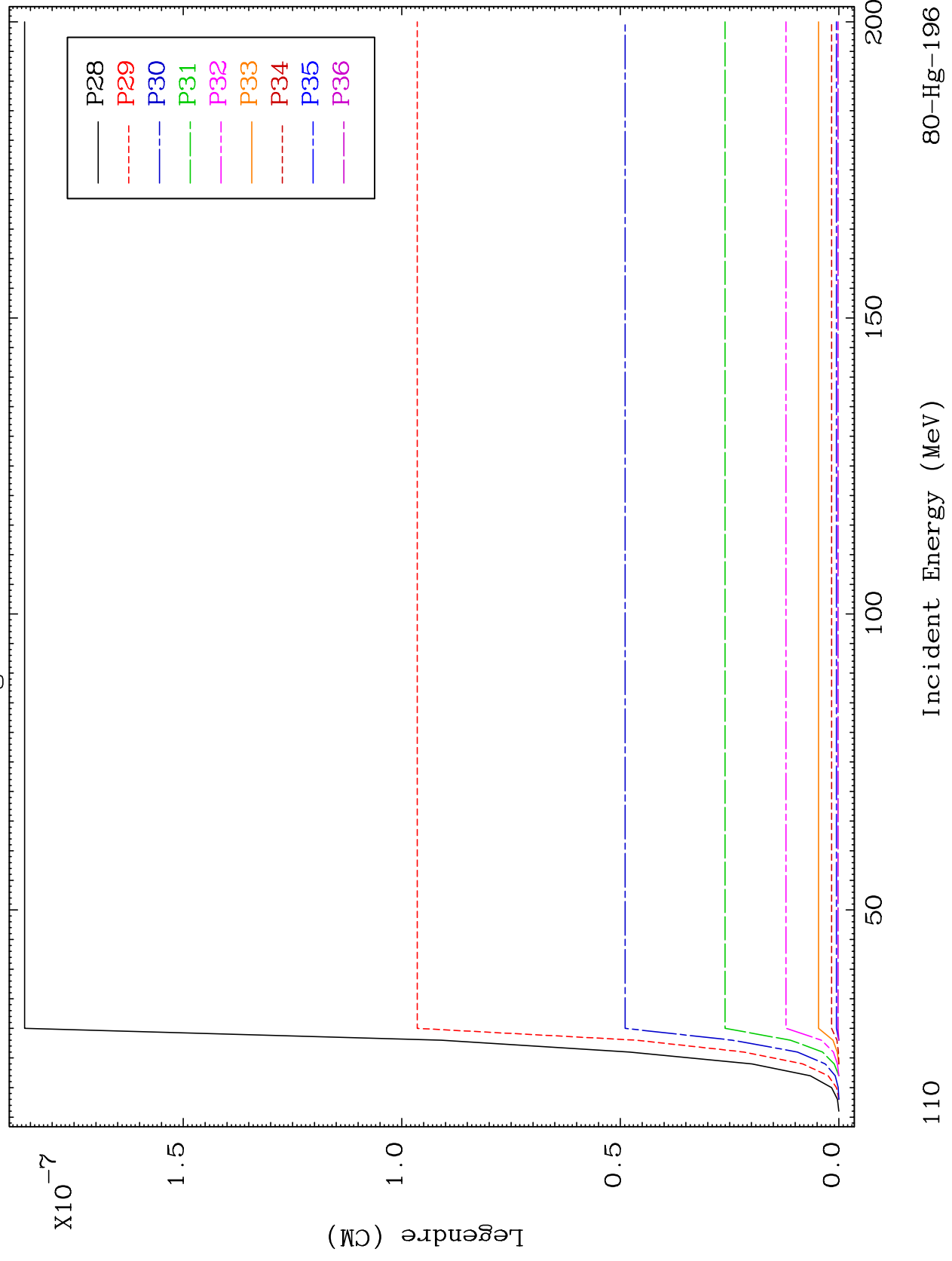
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

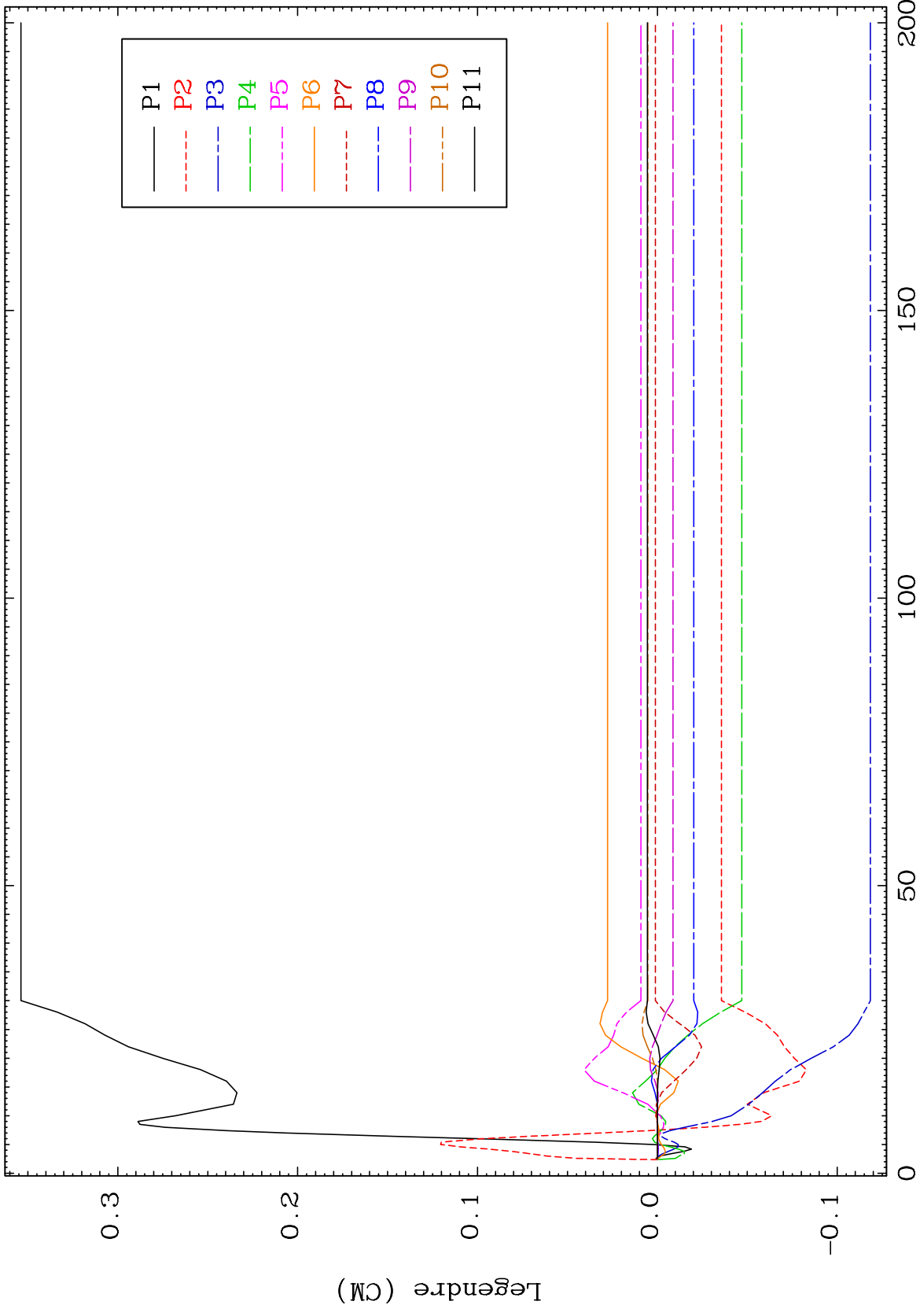
80-Hg-196



MAT 8025

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

80-Hg-196



111

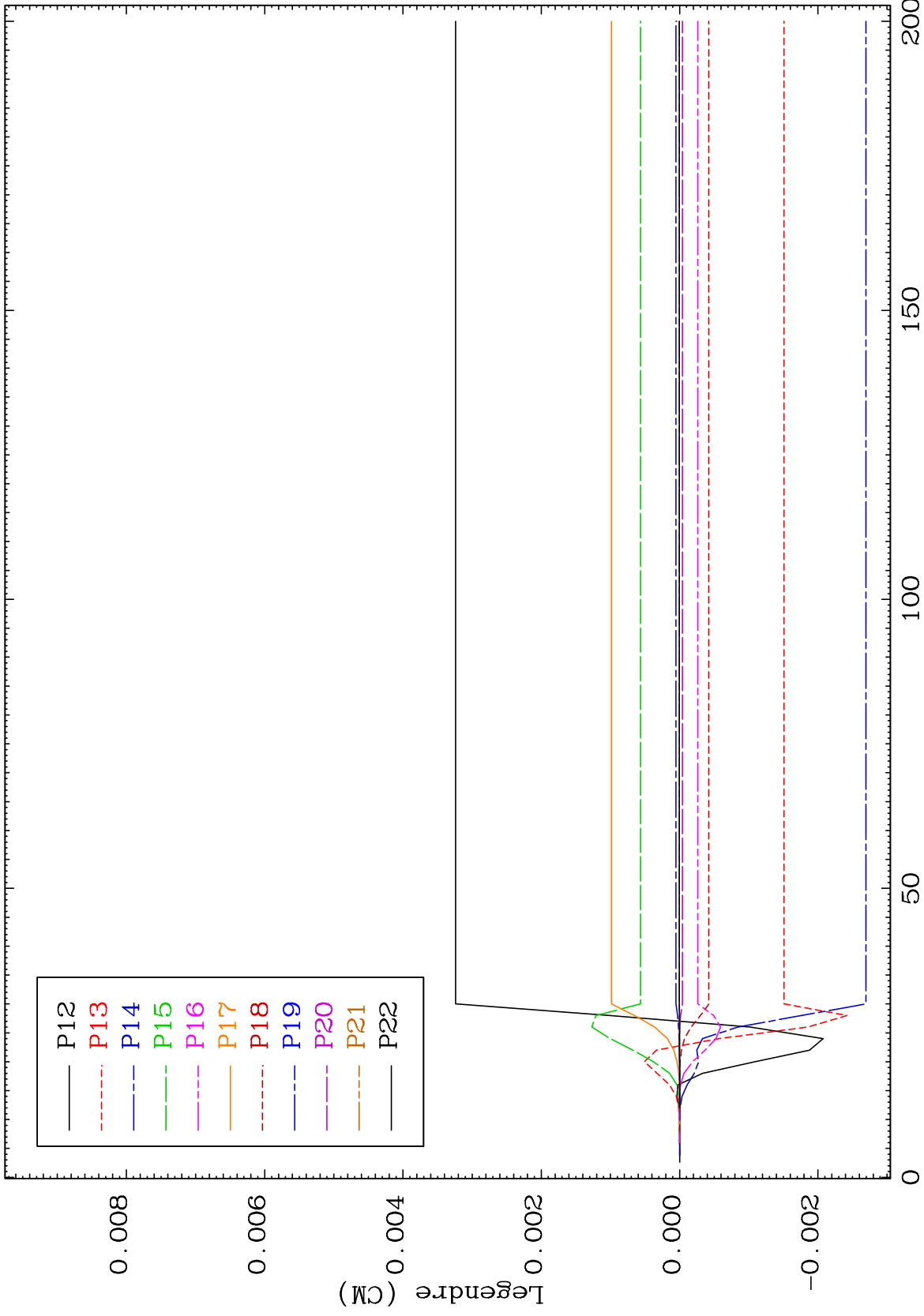
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



112

Incident Energy (MeV)

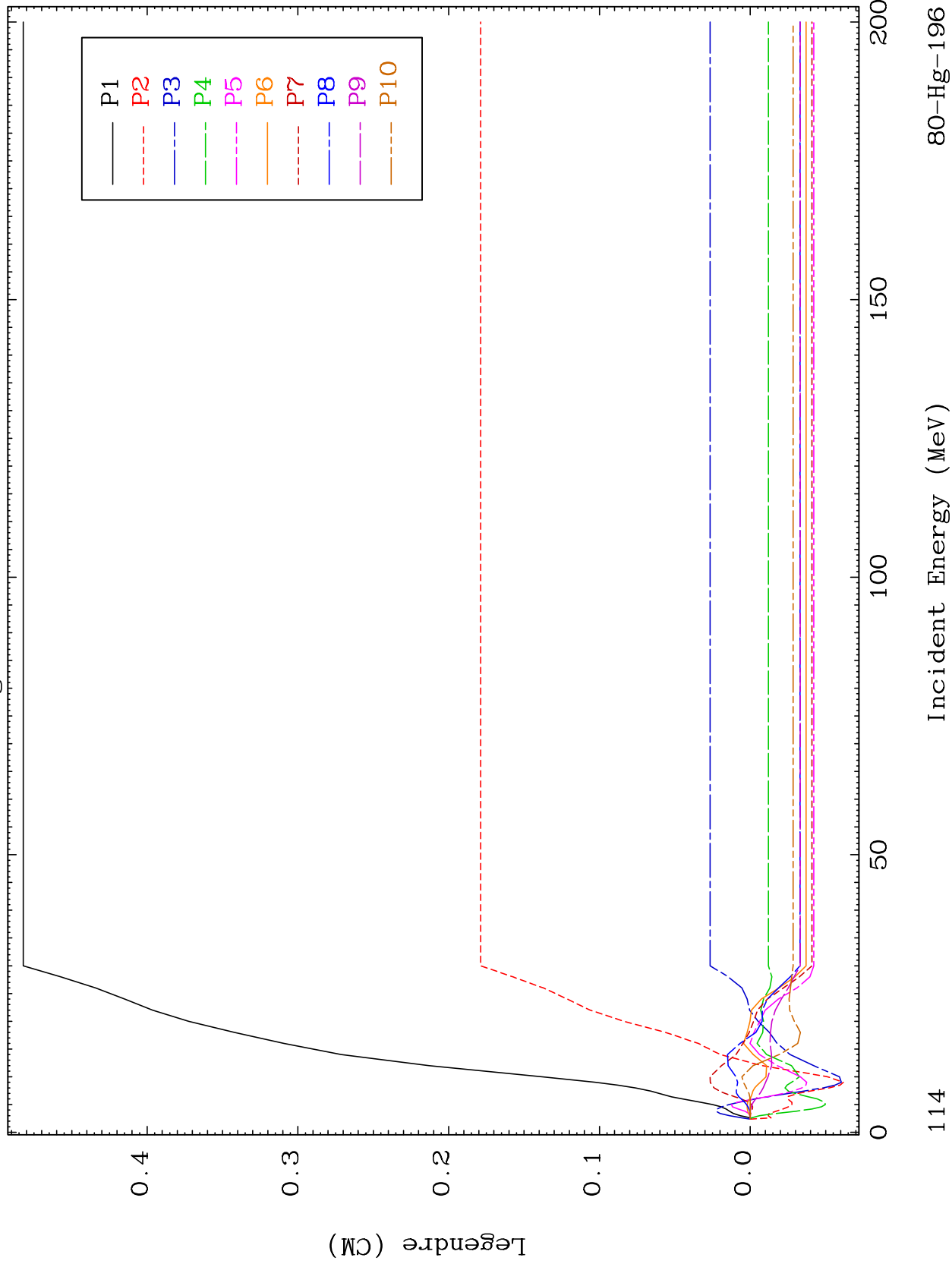
80-Hg-196



MAT 8025

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

80-Hg-196



114

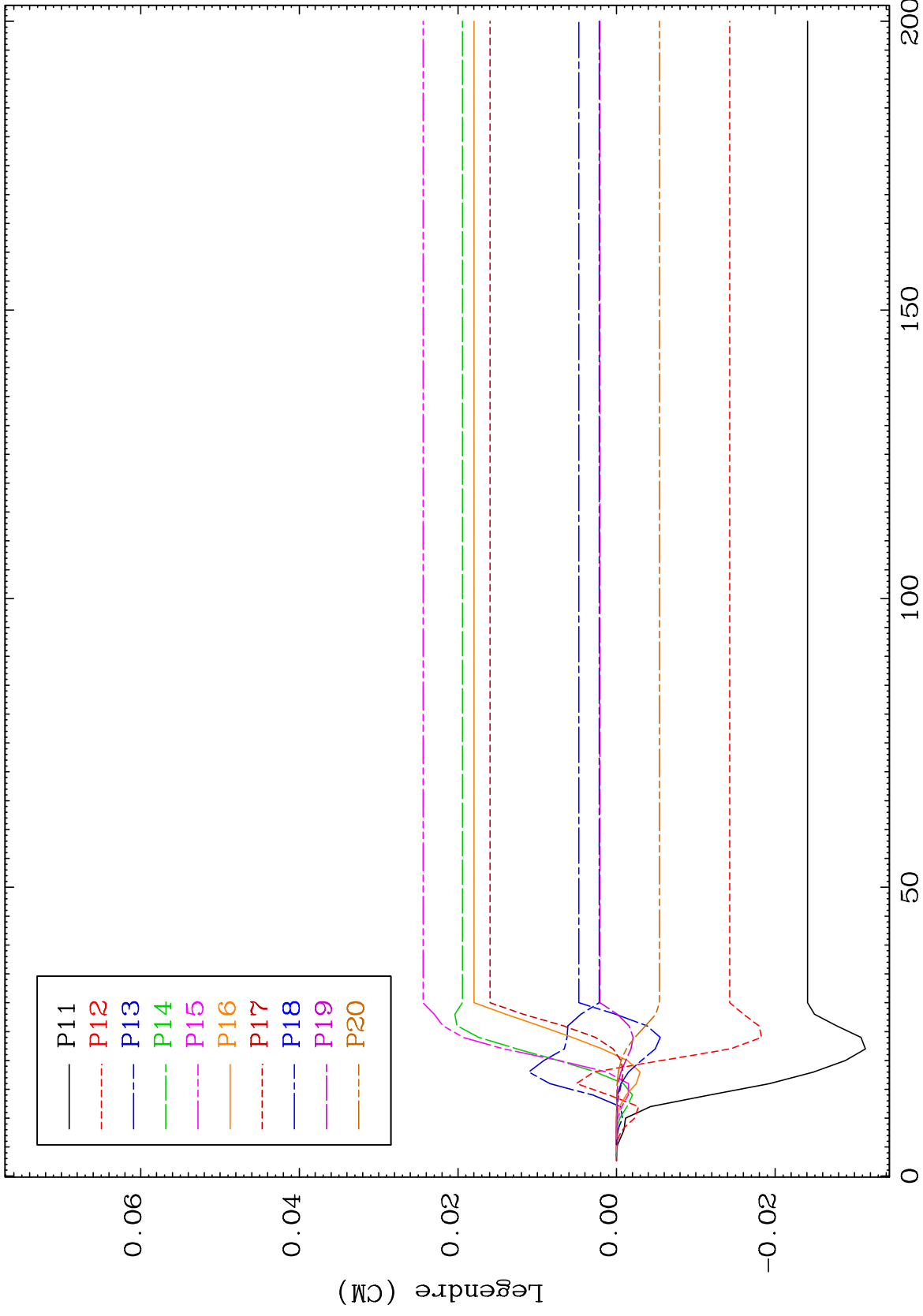
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

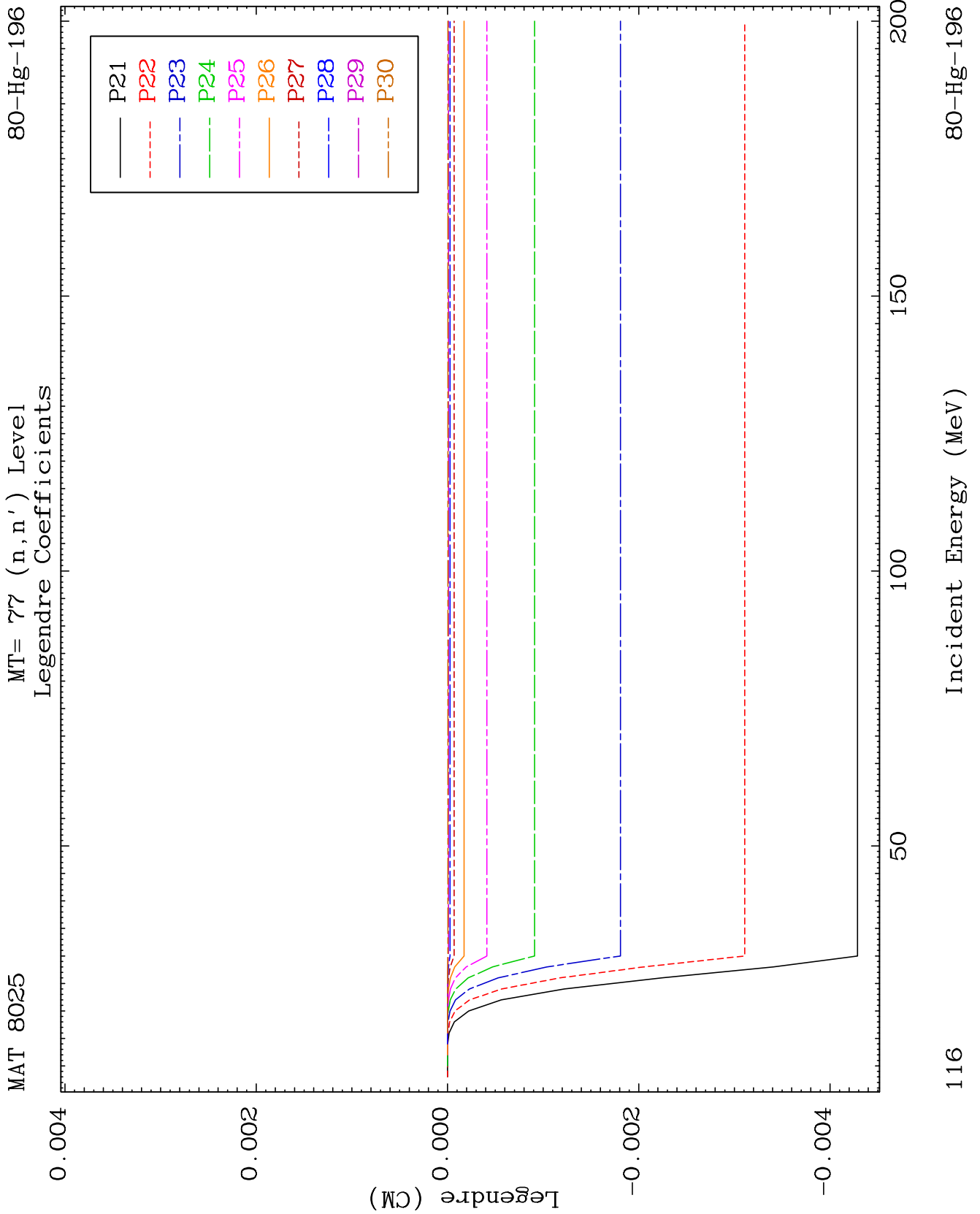
80-Hg-196

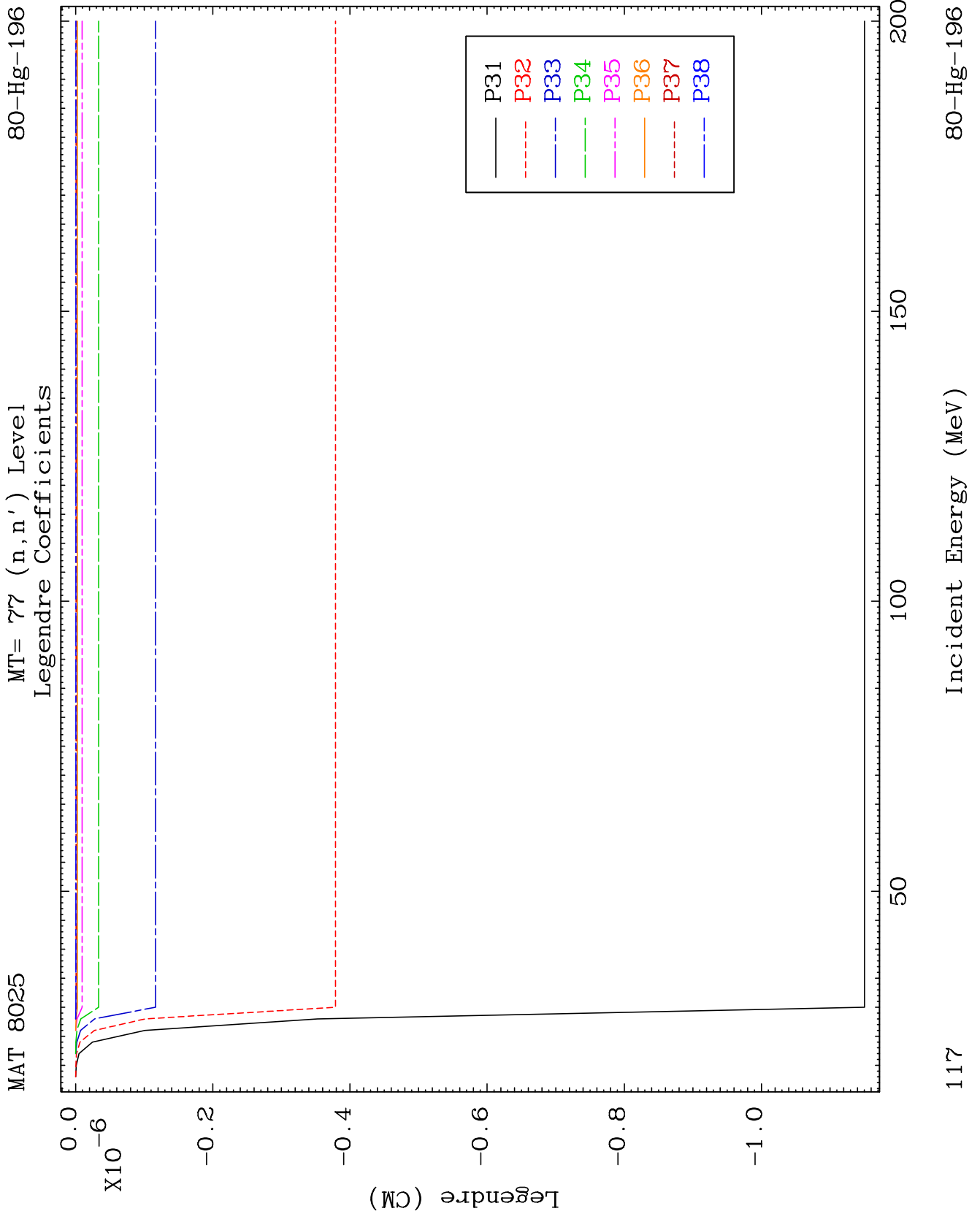


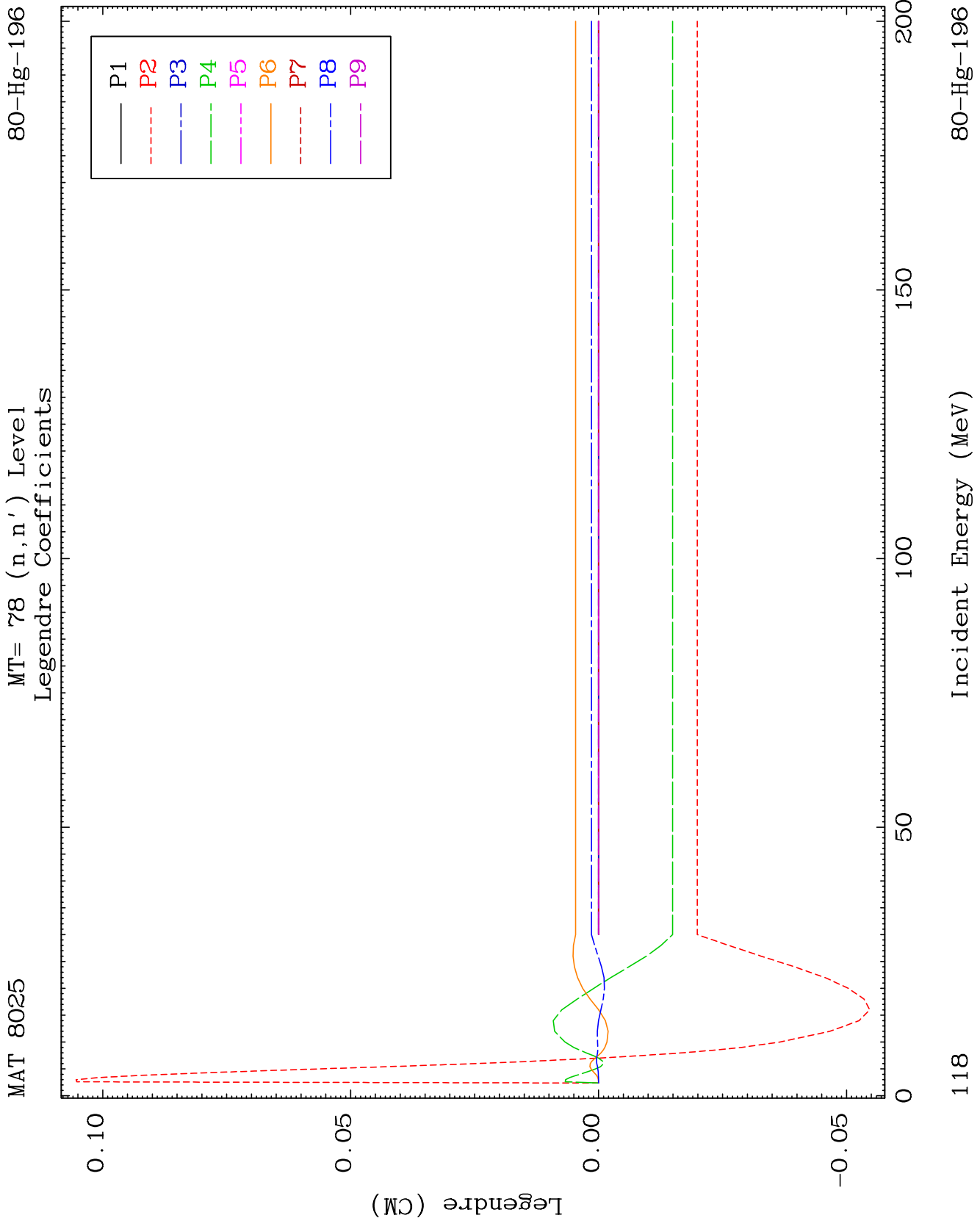
115

Incident Energy (MeV)

80-Hg-196



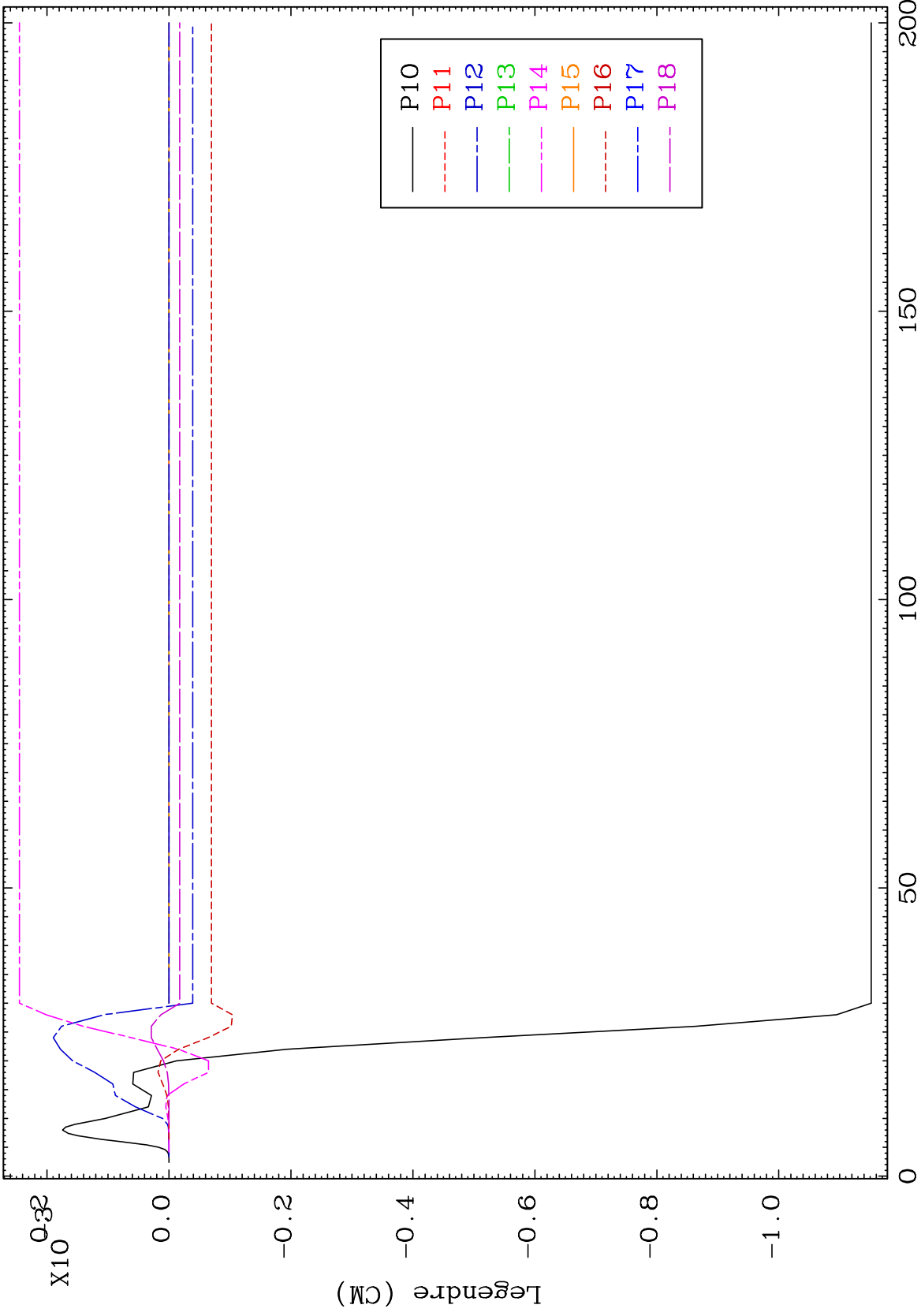


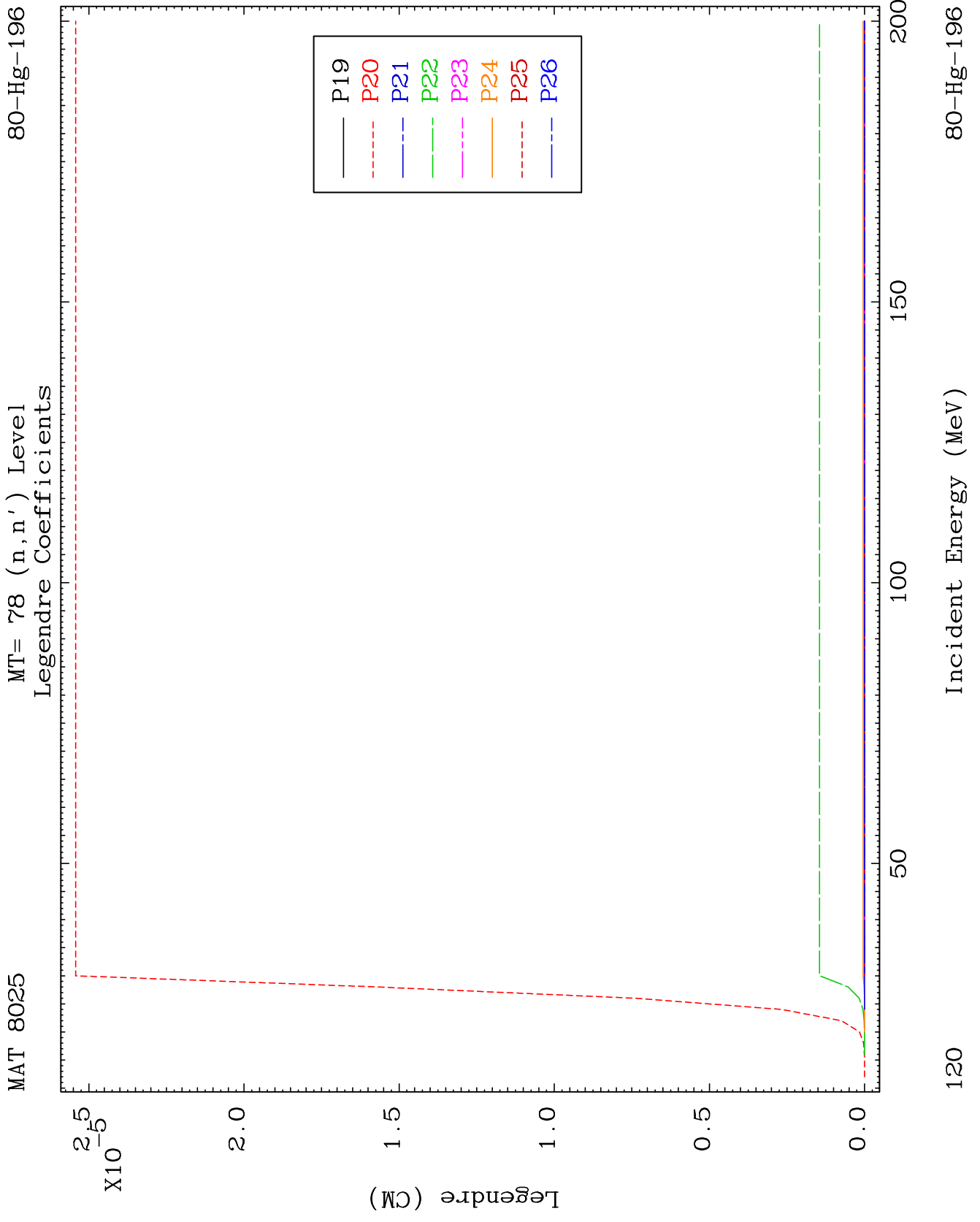


MAT 8025

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

80-Hg-196

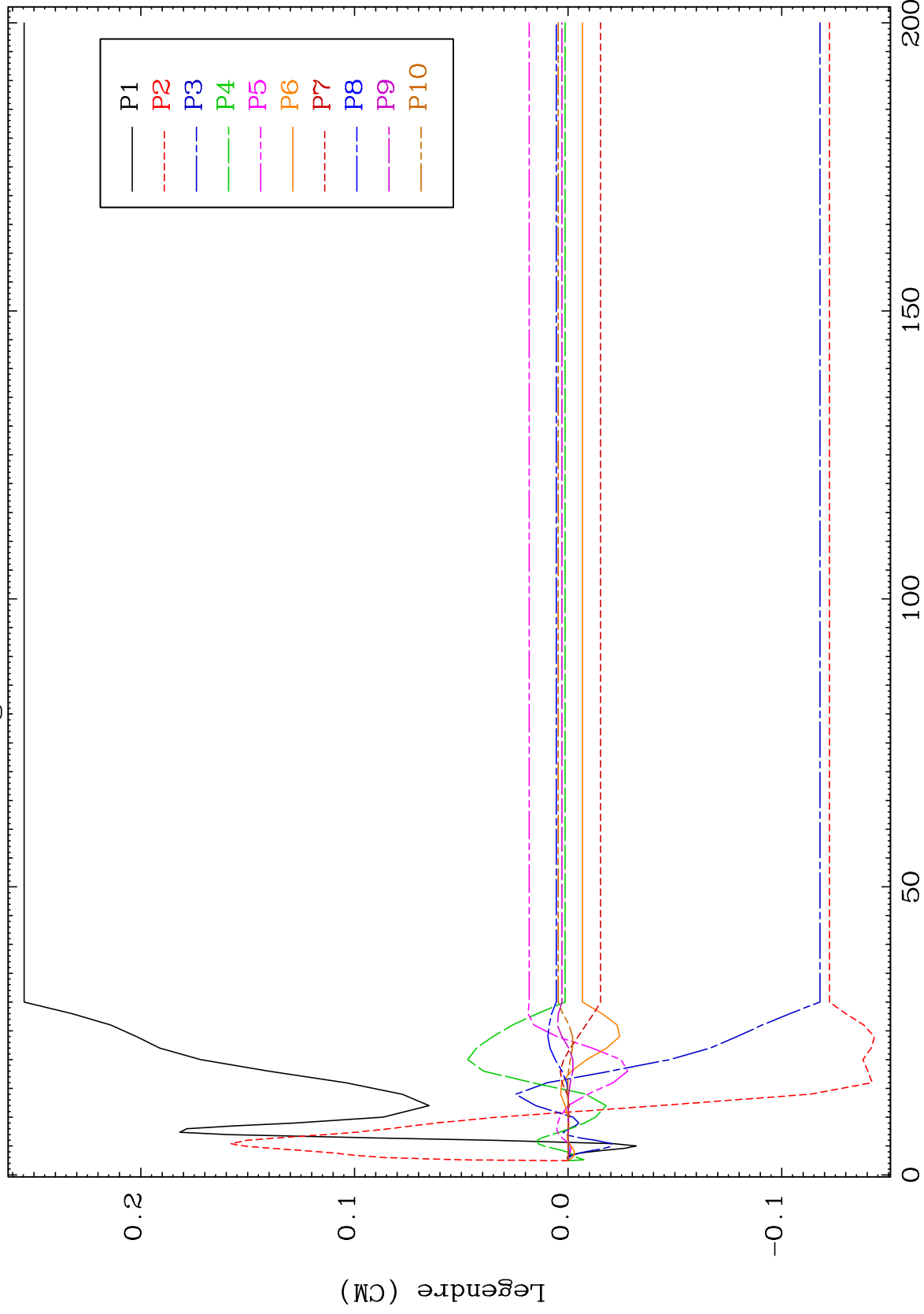




MAT 8025

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

80-Hg-196



121

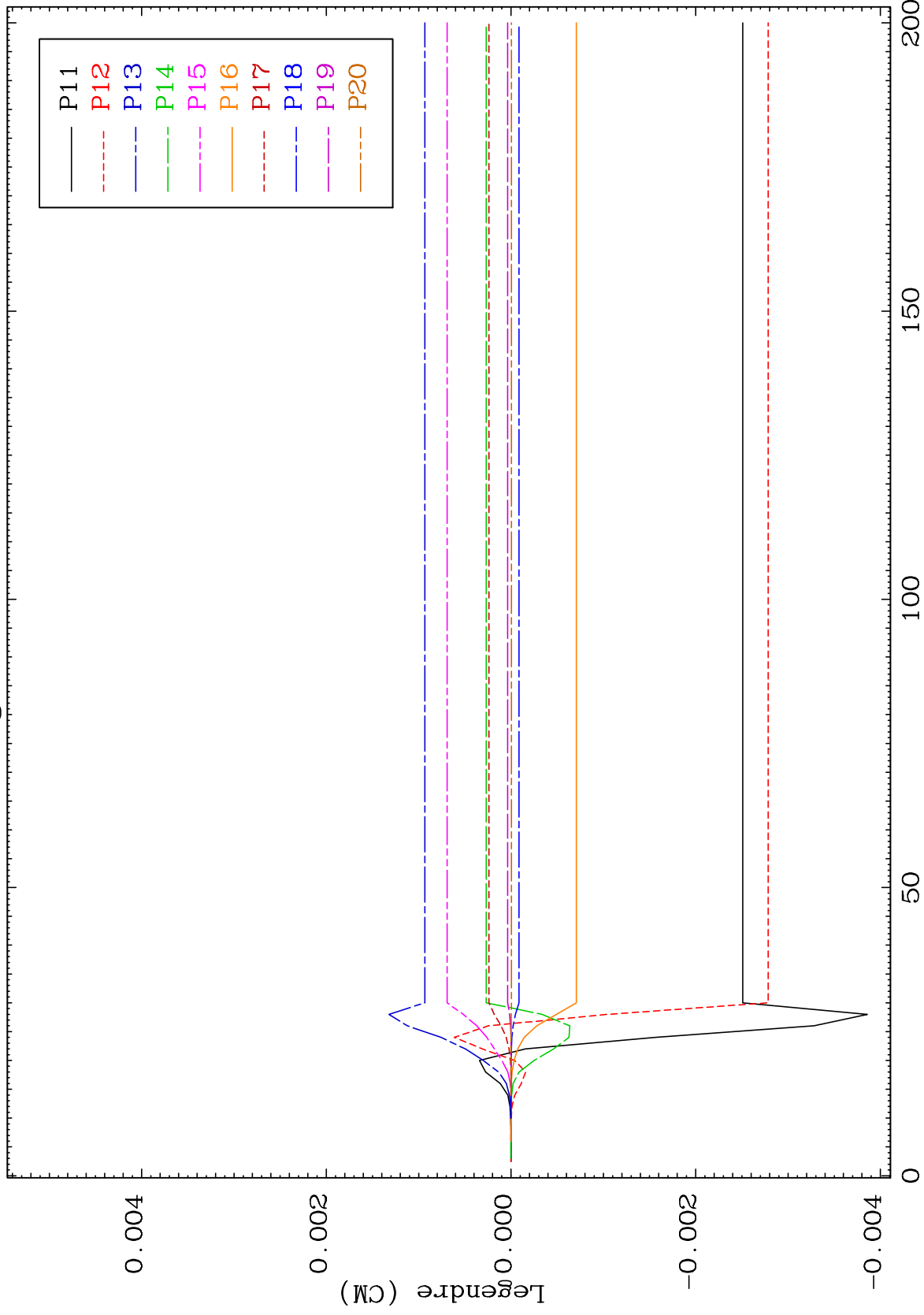
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

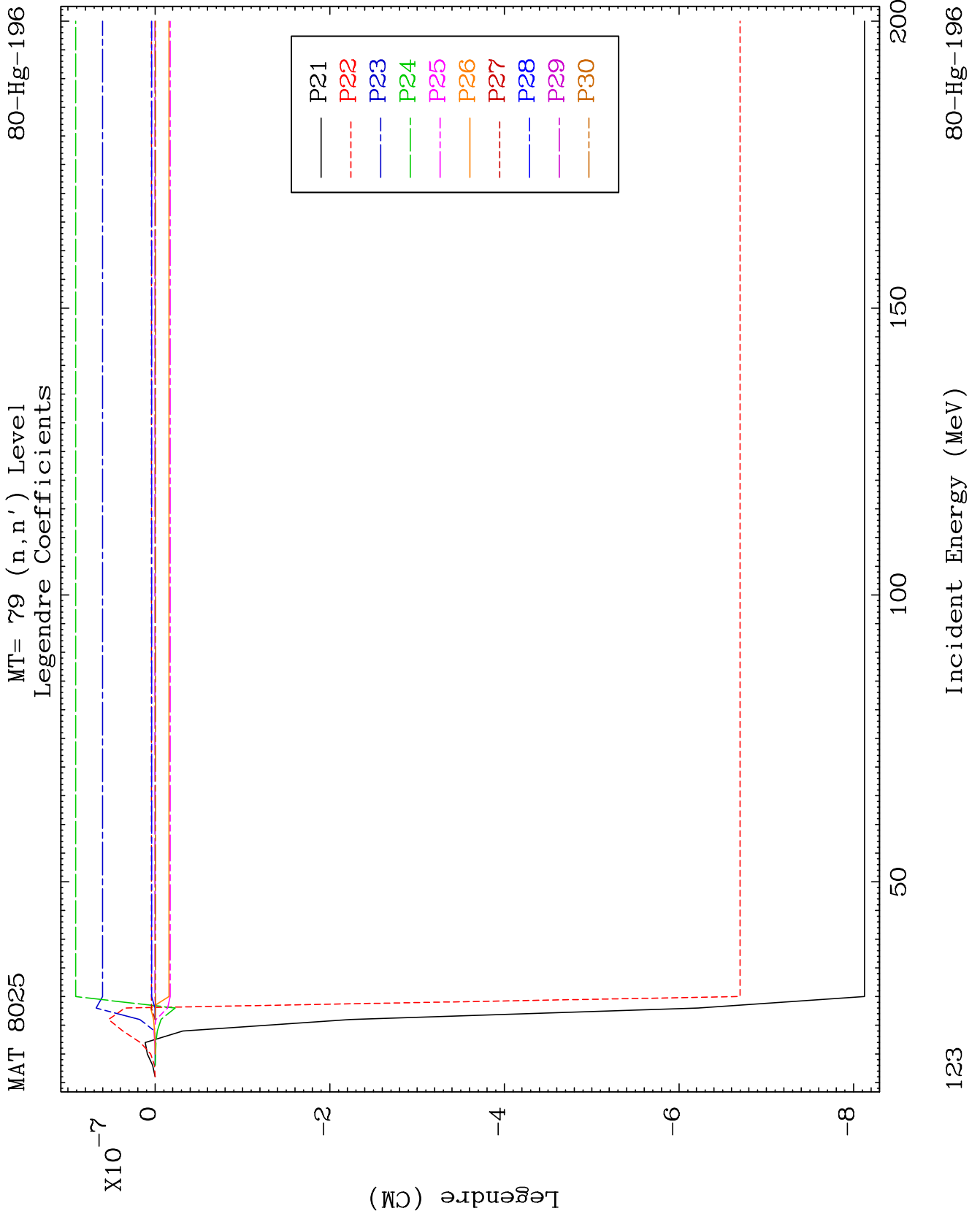
80-Hg-196

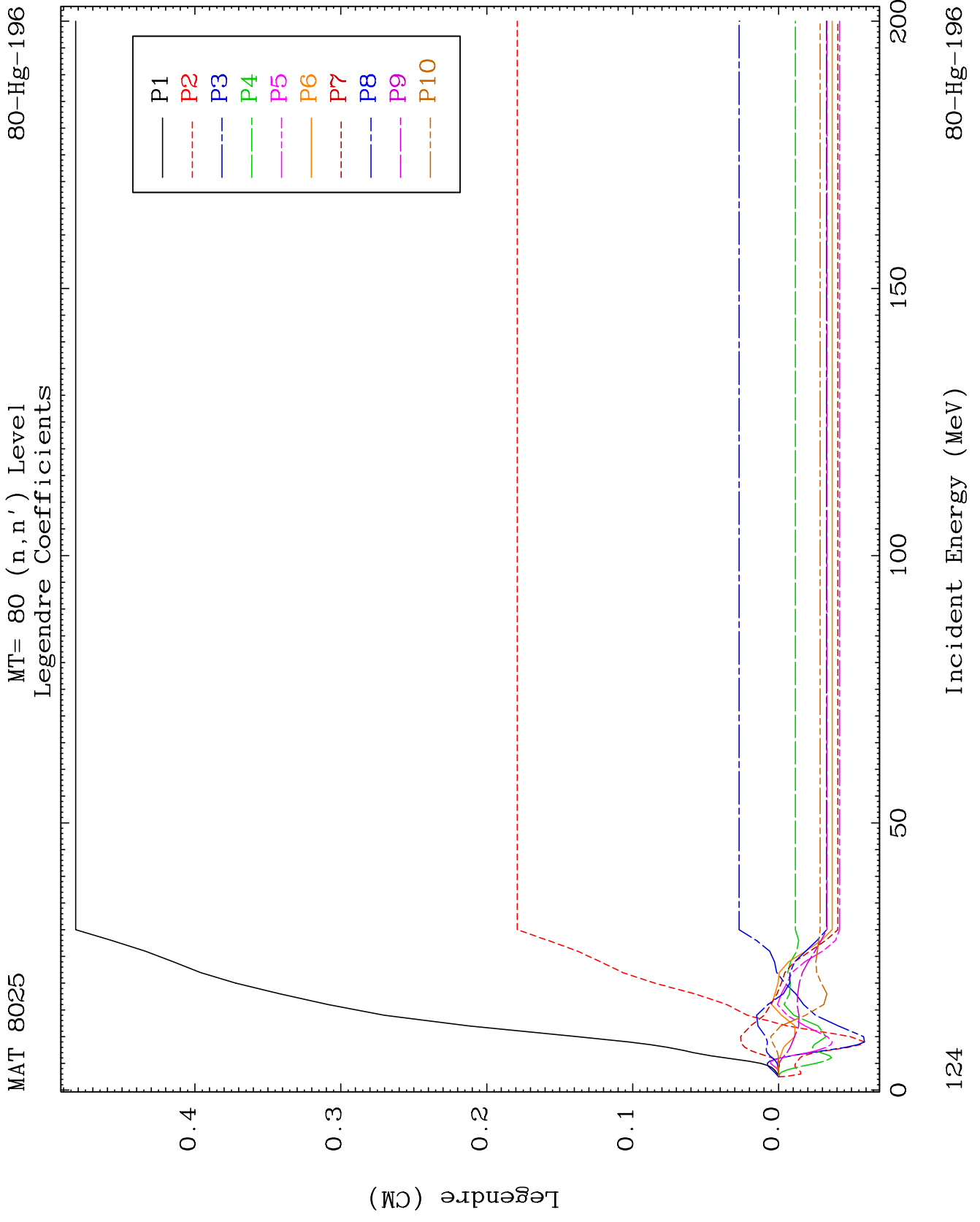


122

Incident Energy (MeV)

80-Hg-196

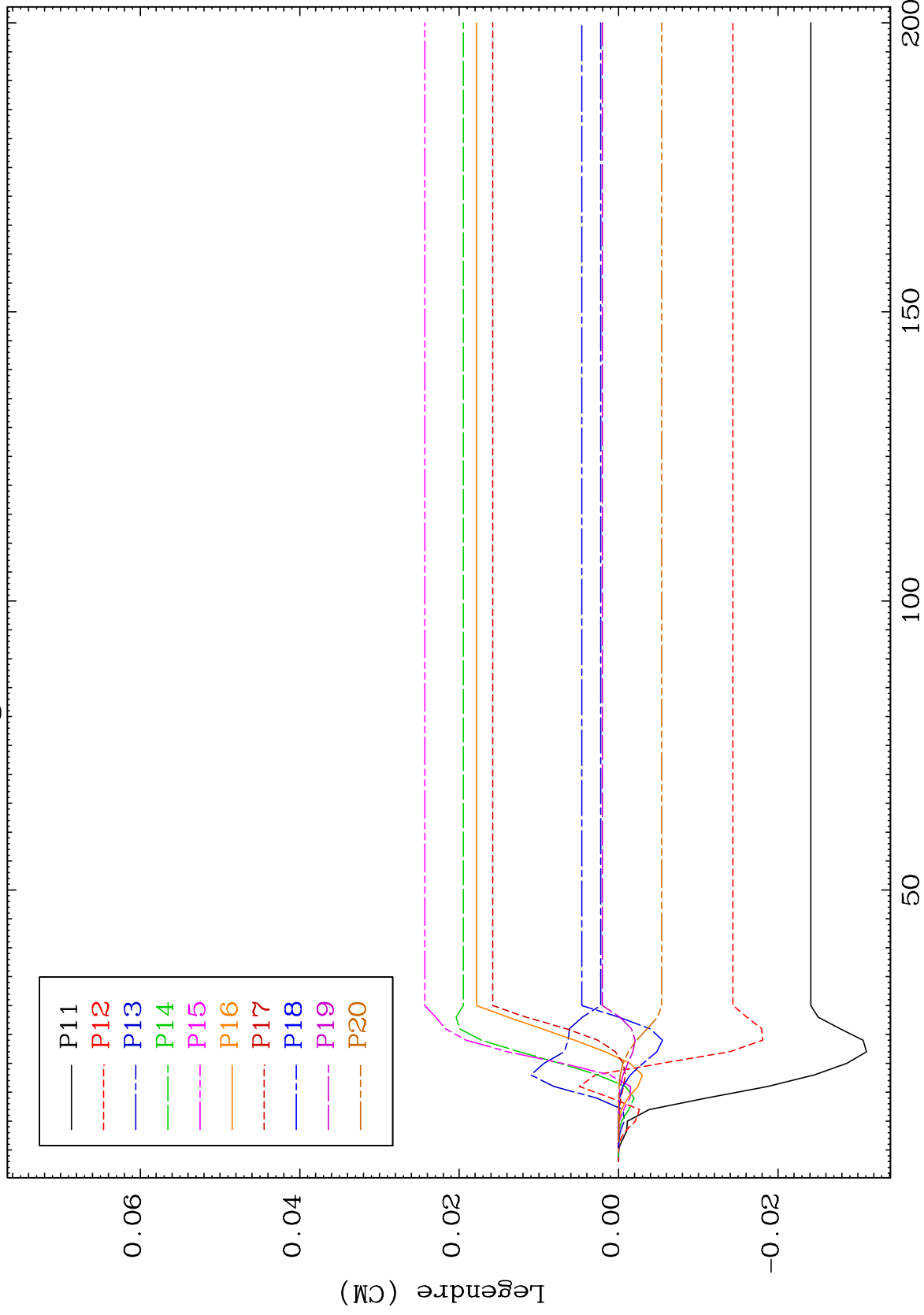




MAT 8025

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

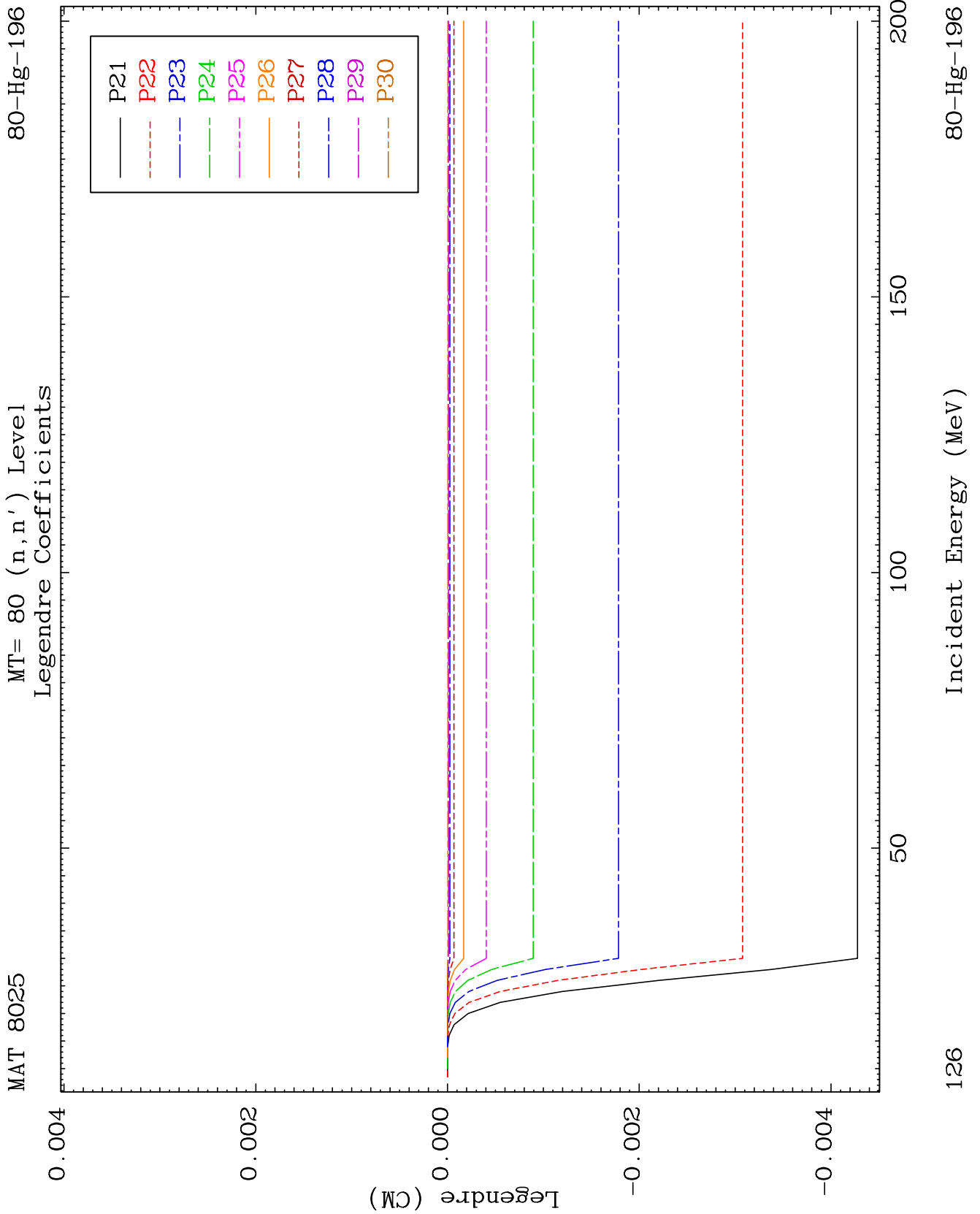
80-Hg-196

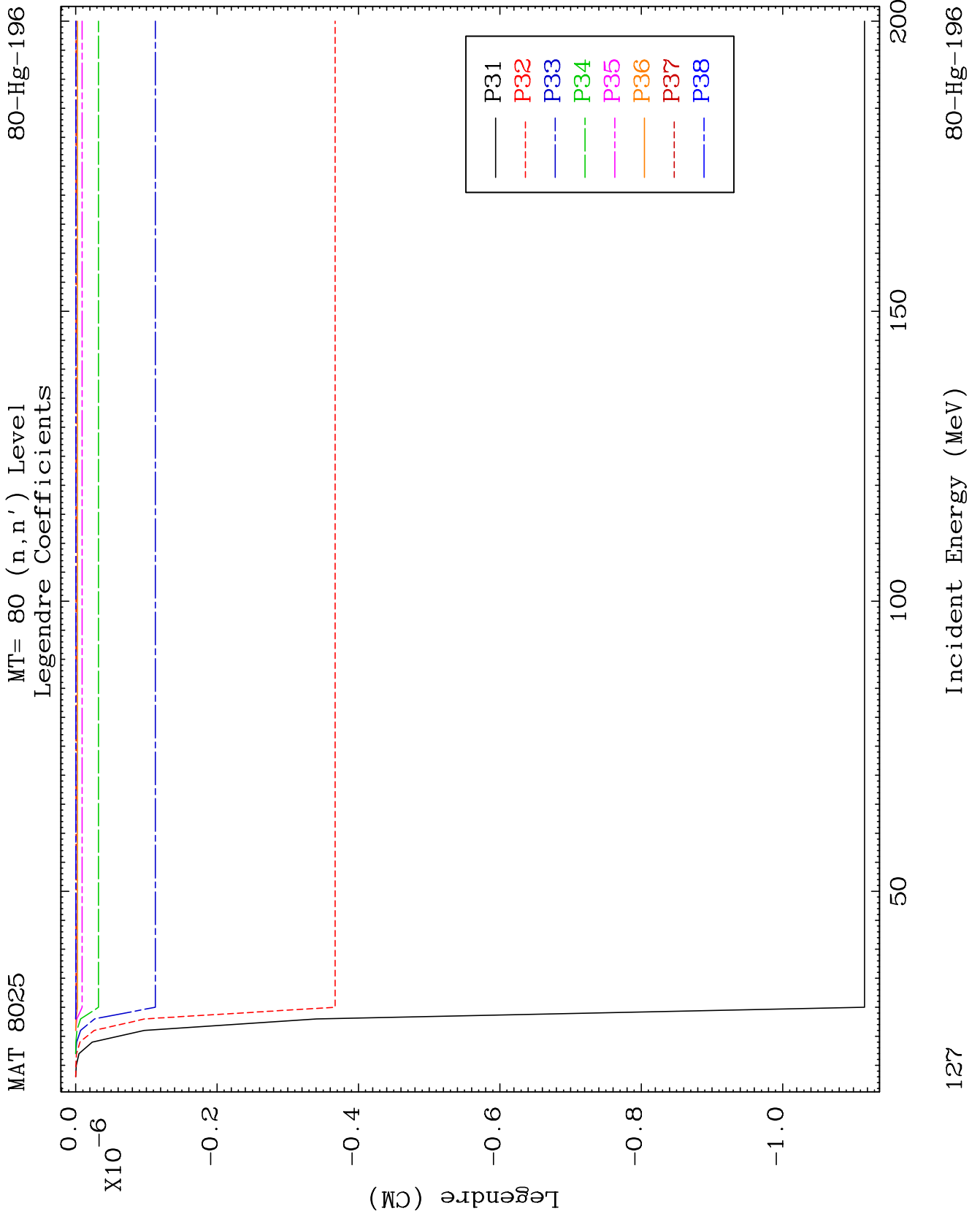


125

Incident Energy (MeV)

80-Hg-196



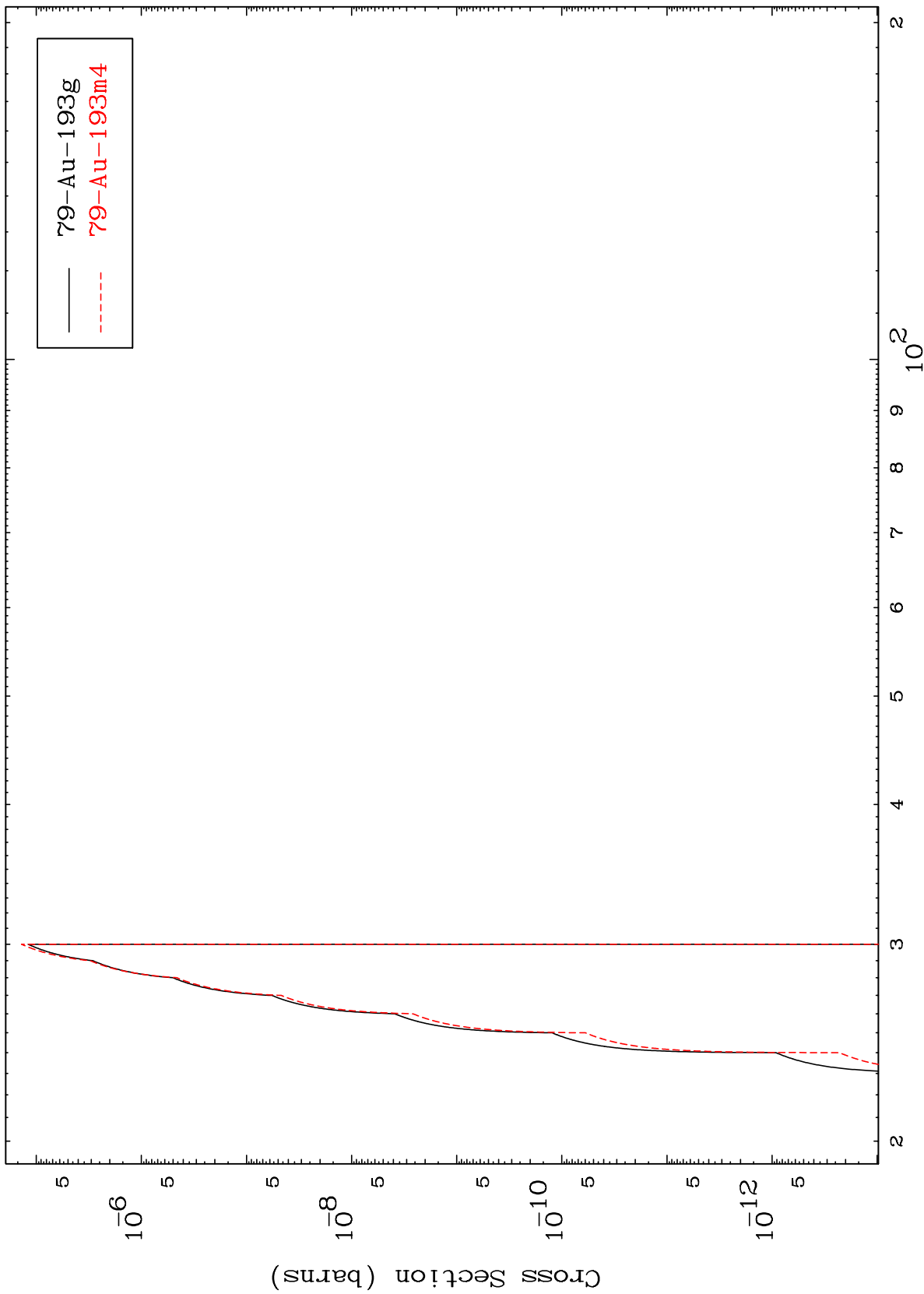


MAT 8025

(n,2n) d

80-Hg-196

Radionuclide Production Cross Section



128

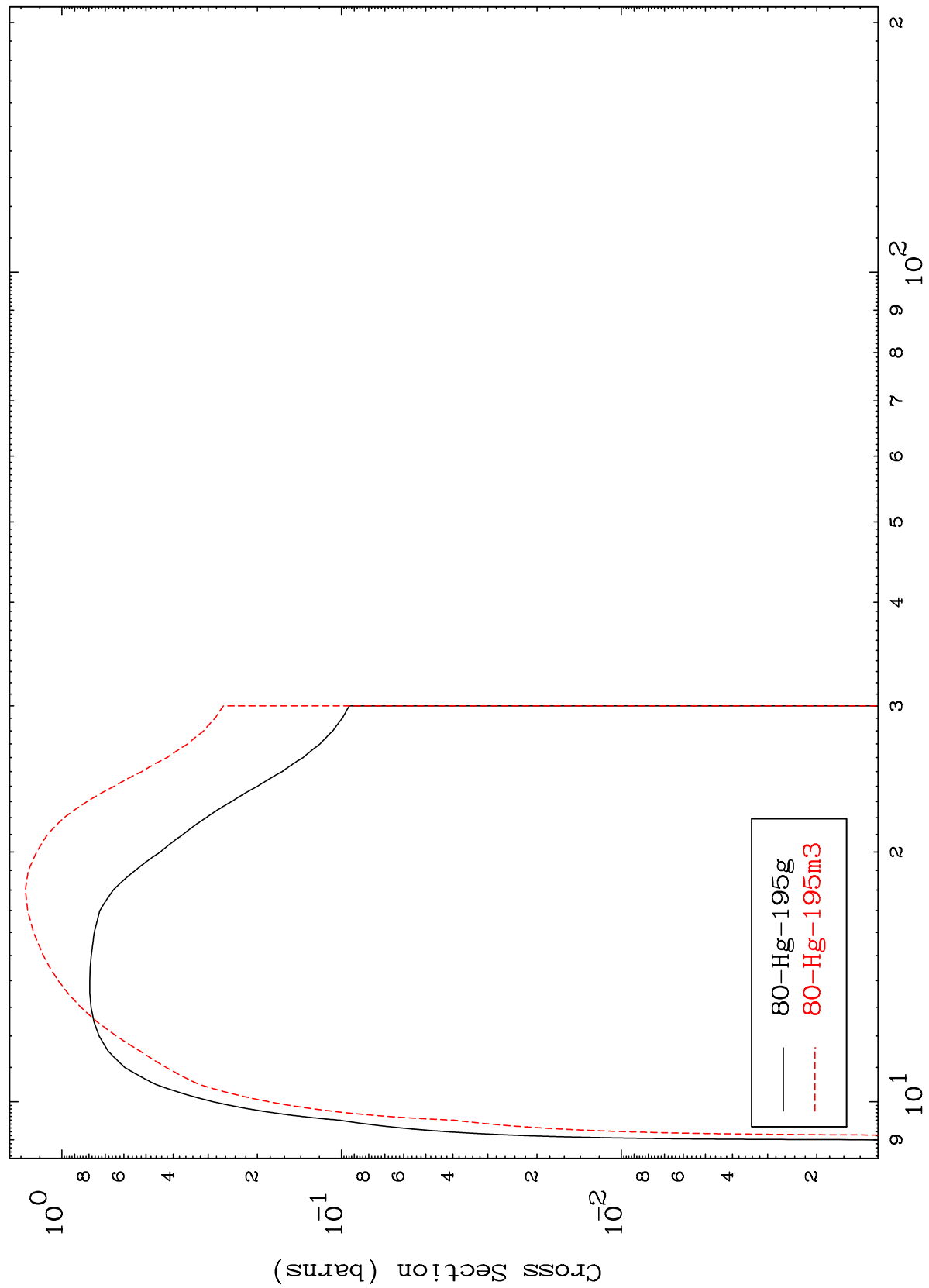
Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196

(n,2n)  
Radionuclide Production Cross Section



80-Hg-196

Incident Energy (MeV)

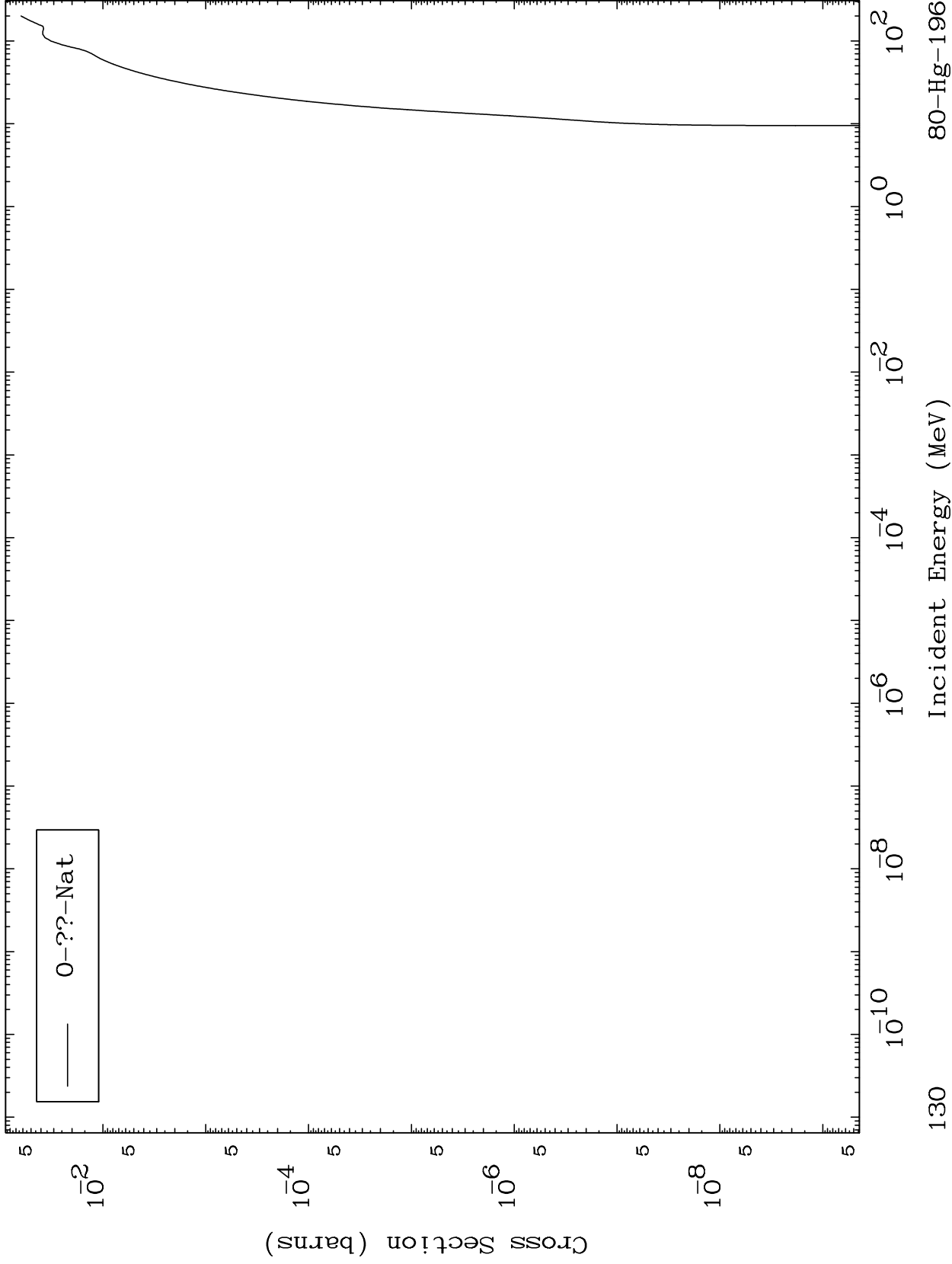
129

MAT 8025

Fission

80-Hg-196

Radionuclide Production Cross Section



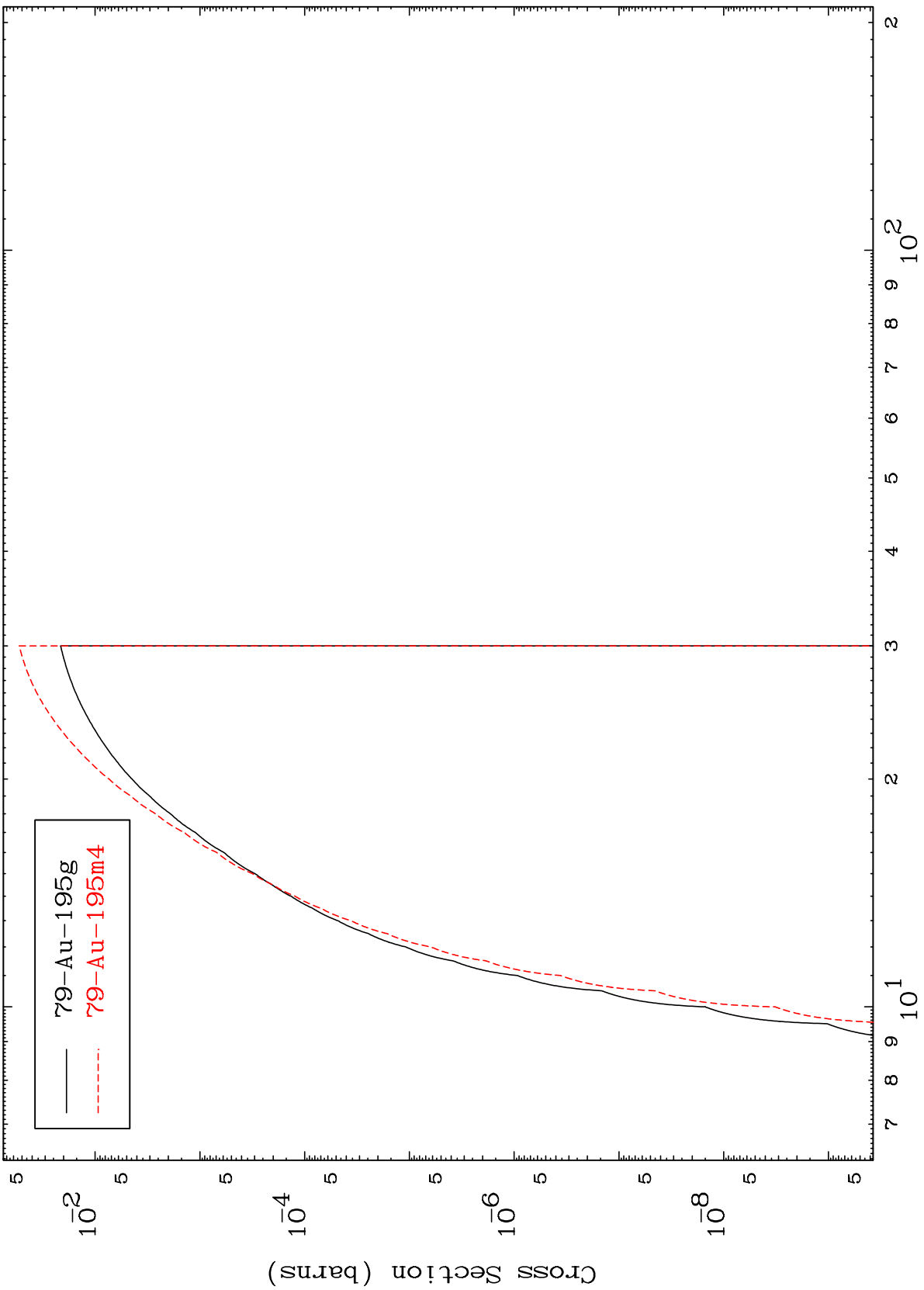
130

MAT 8025

(n,n') p

80-Hg-196

Radionuclide Production Cross Section



131

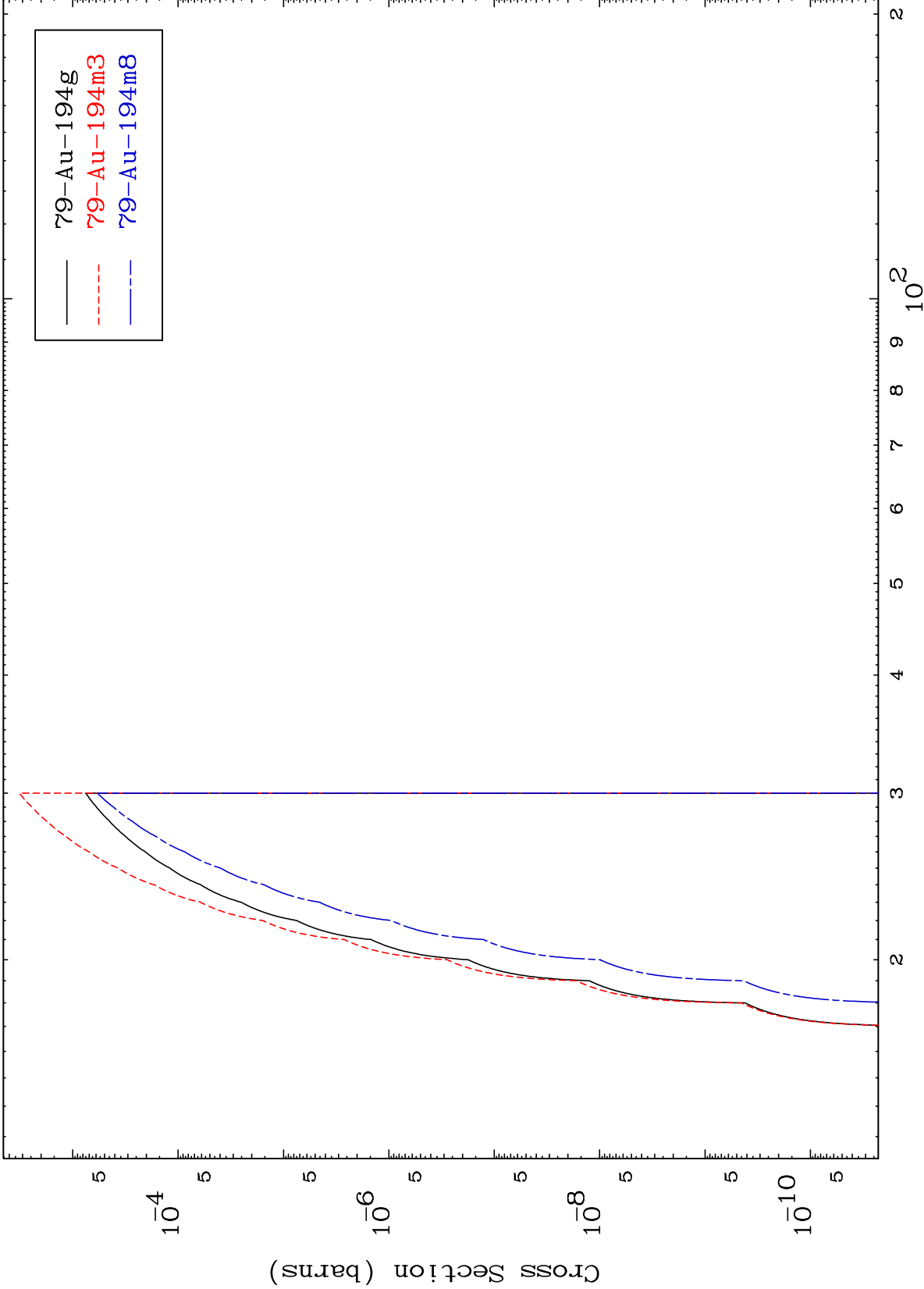
80-Hg-196

MAT 8025

(n,n') d

80-Hg-196

Radionuclide Production Cross Section



132

Incident Energy (MeV)

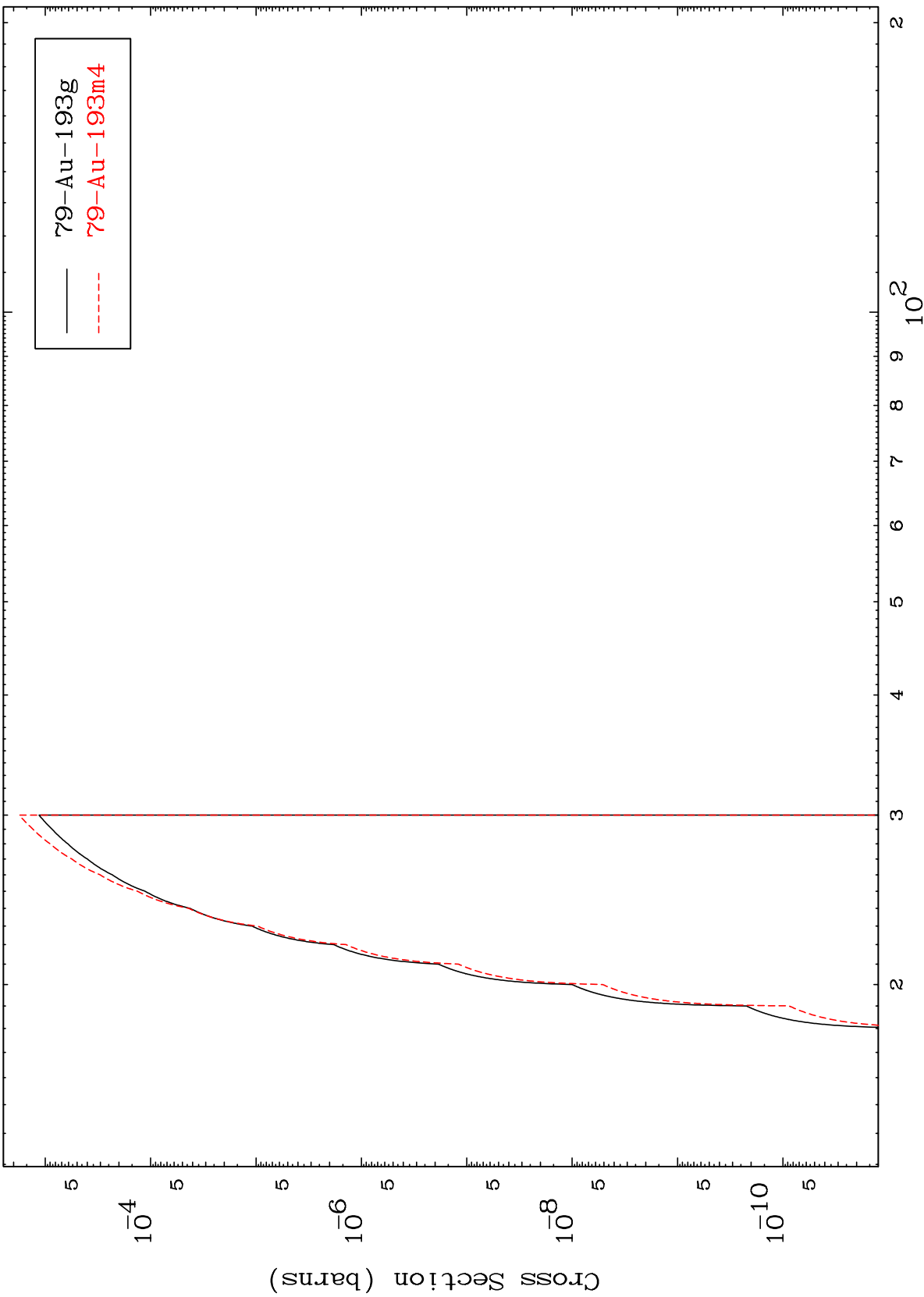
80-Hg-196

MAT 8025

(n,n') t

80-Hg-196

Radionuclide Production Cross Section



133

Incident Energy (MeV)

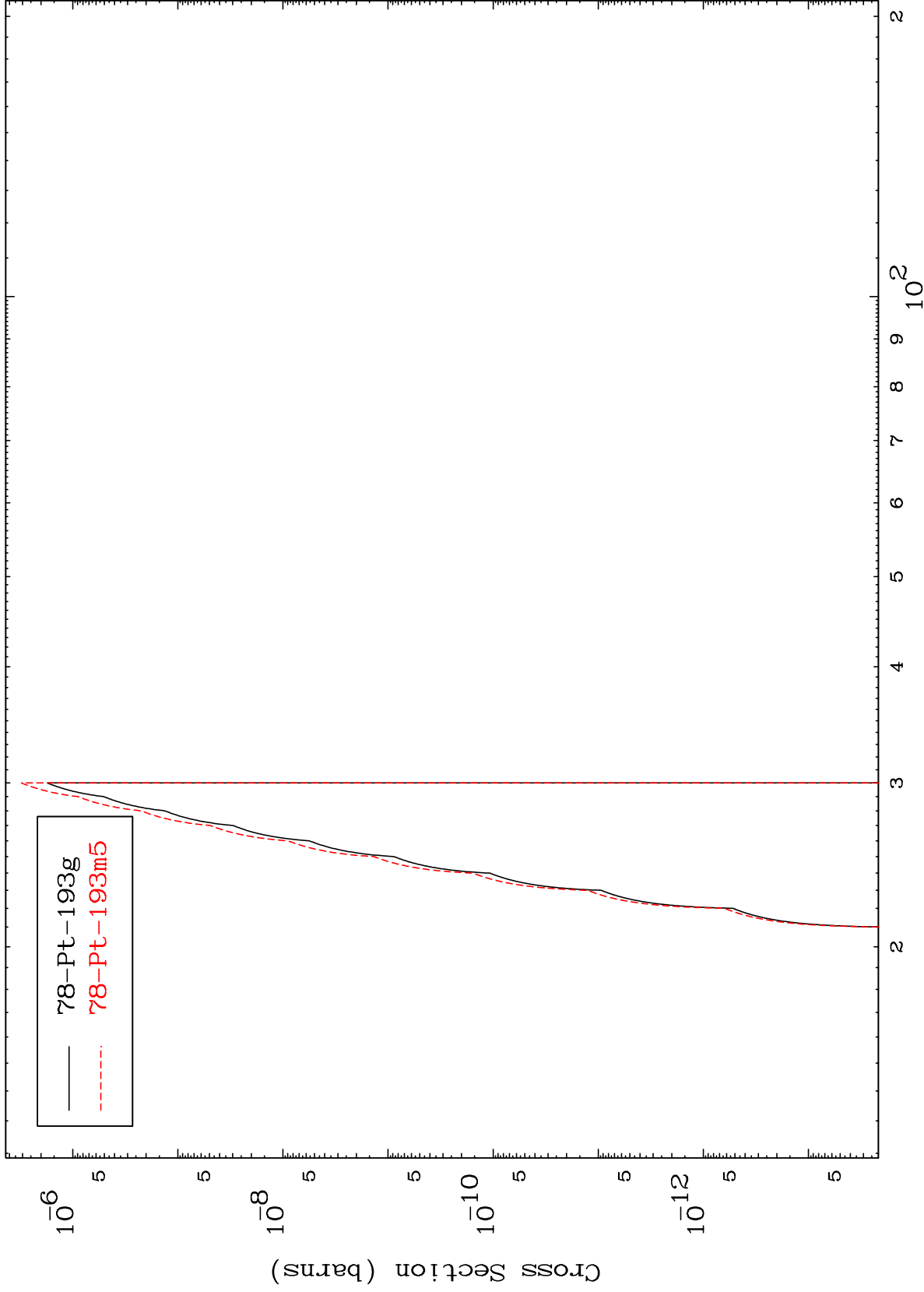
80-Hg-196

MAT 8025

(n,n') He-3

80-Hg-196

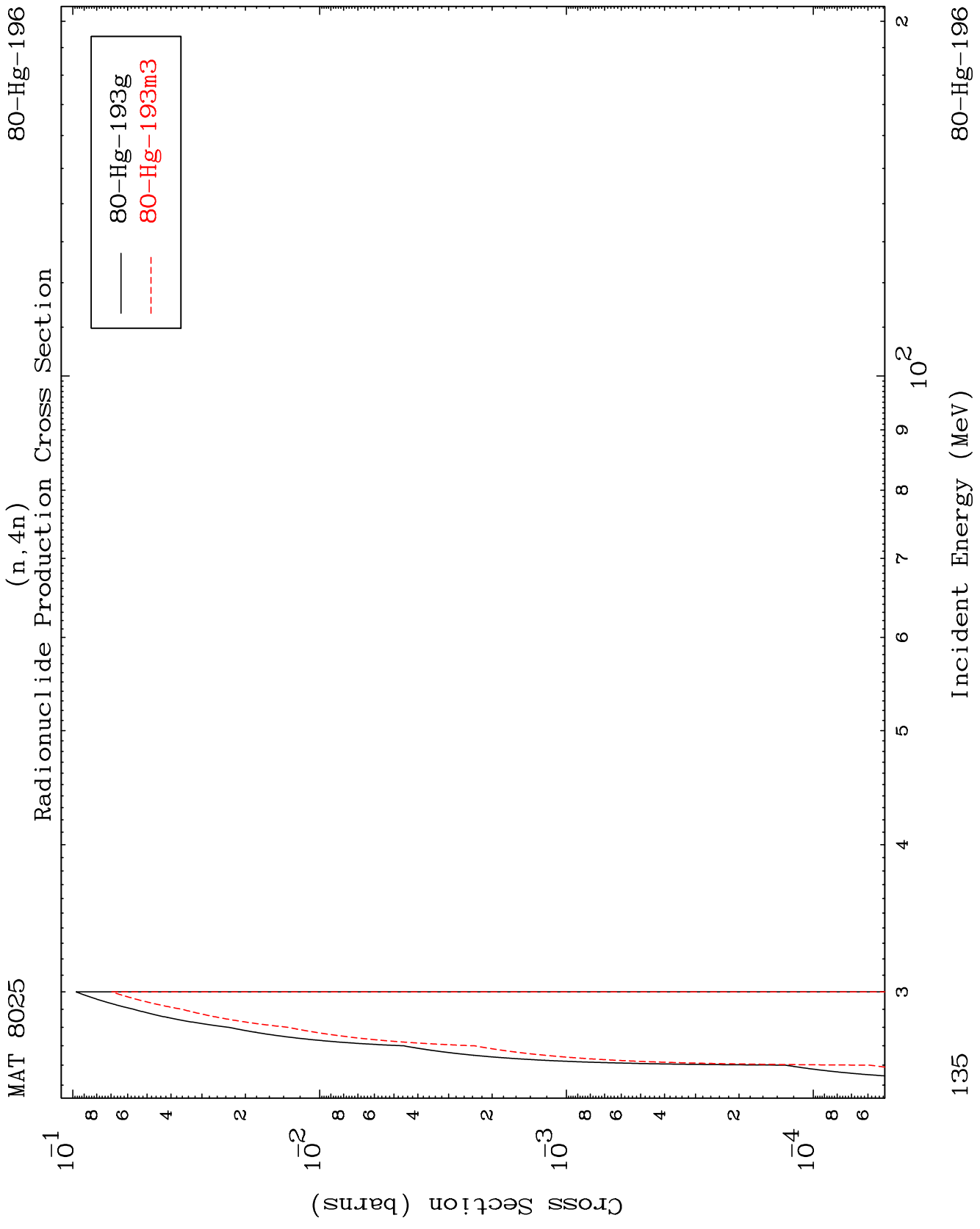
Radionuclide Production Cross Section

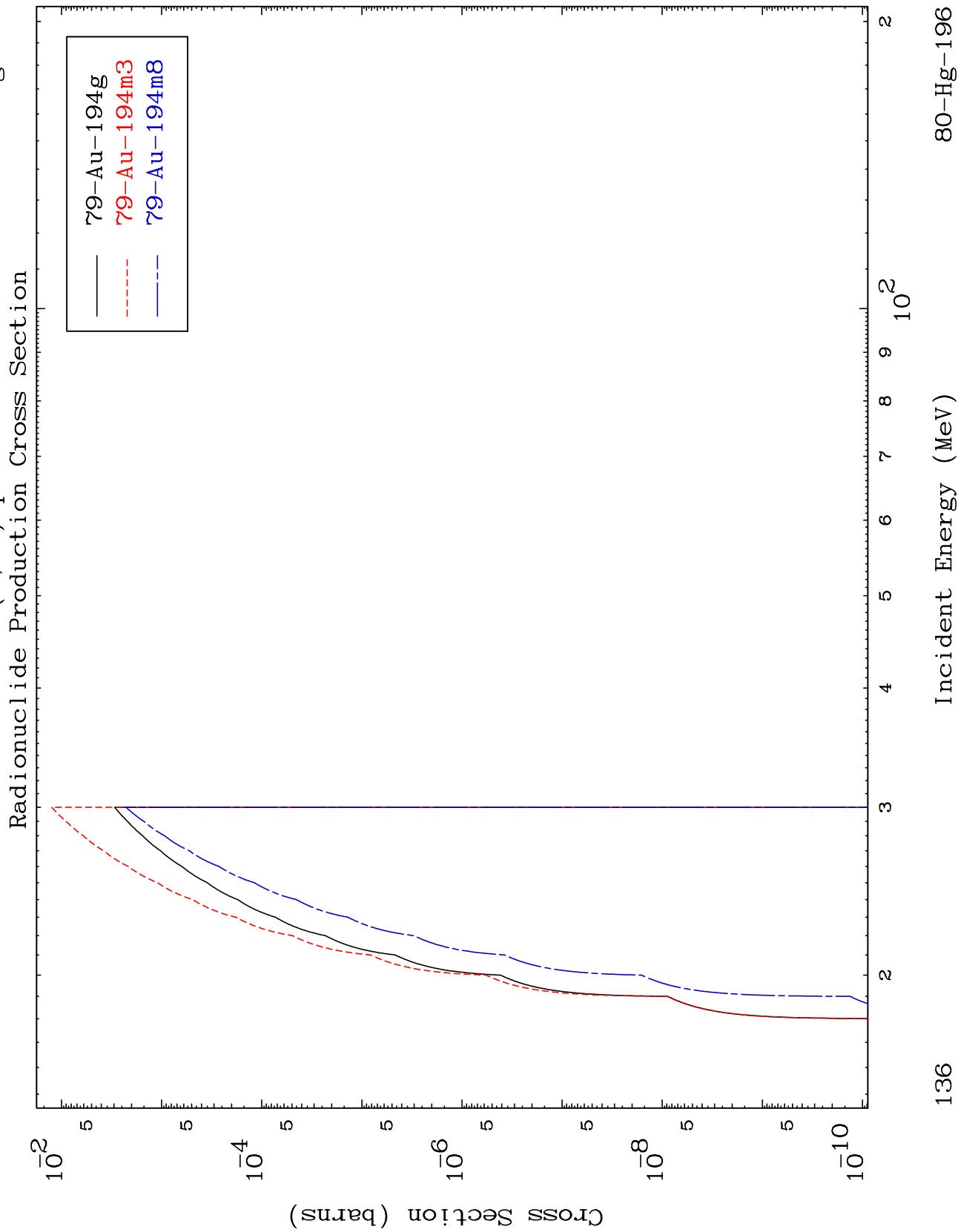


134

Incident Energy (MeV)

80-Hg-196



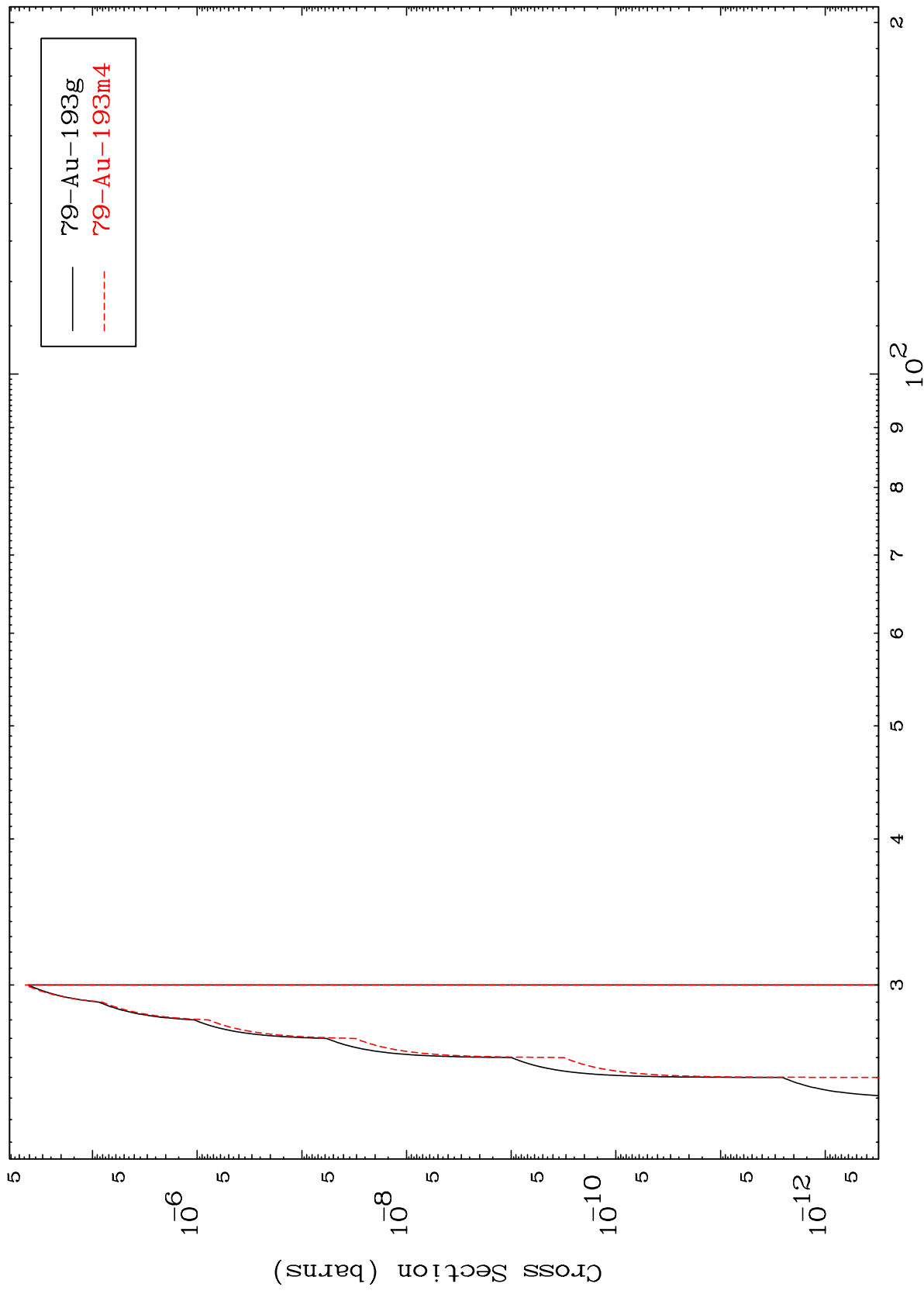


MAT 8025

(n,3n) p

80-Hg-196

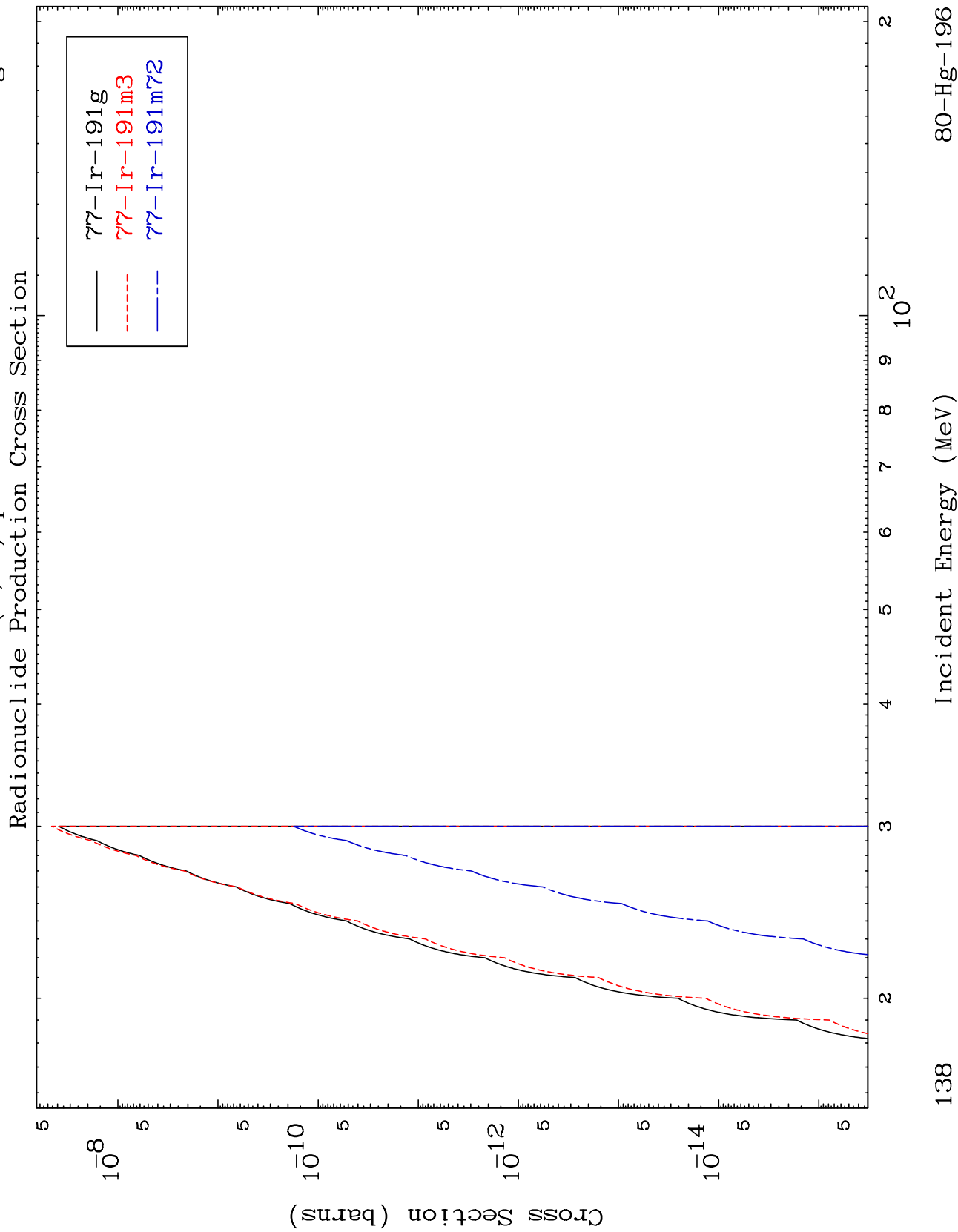
Radionuclide Production Cross Section



137

Incident Energy (MeV)

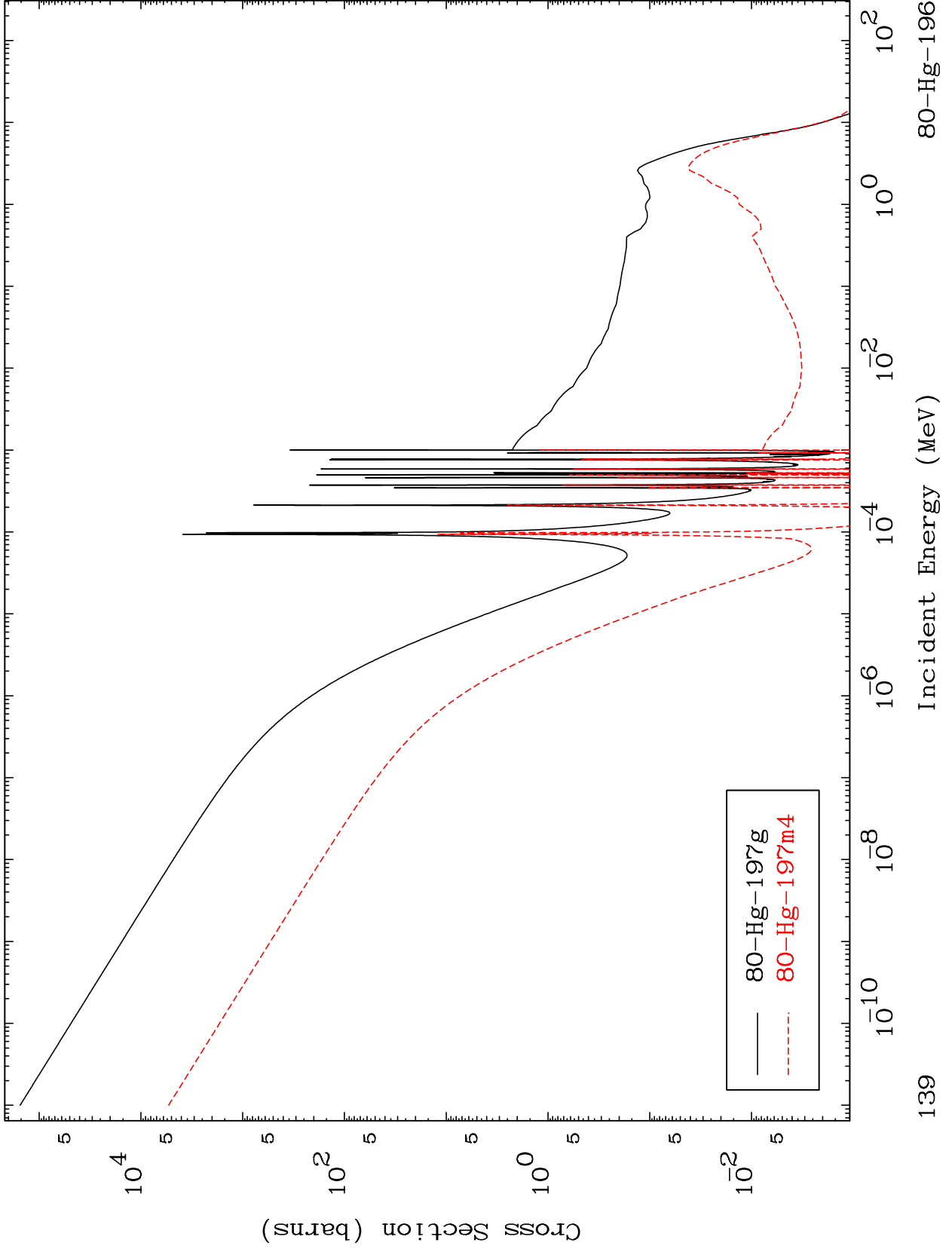
80-Hg-196



MAT 8025

80-Hg-196

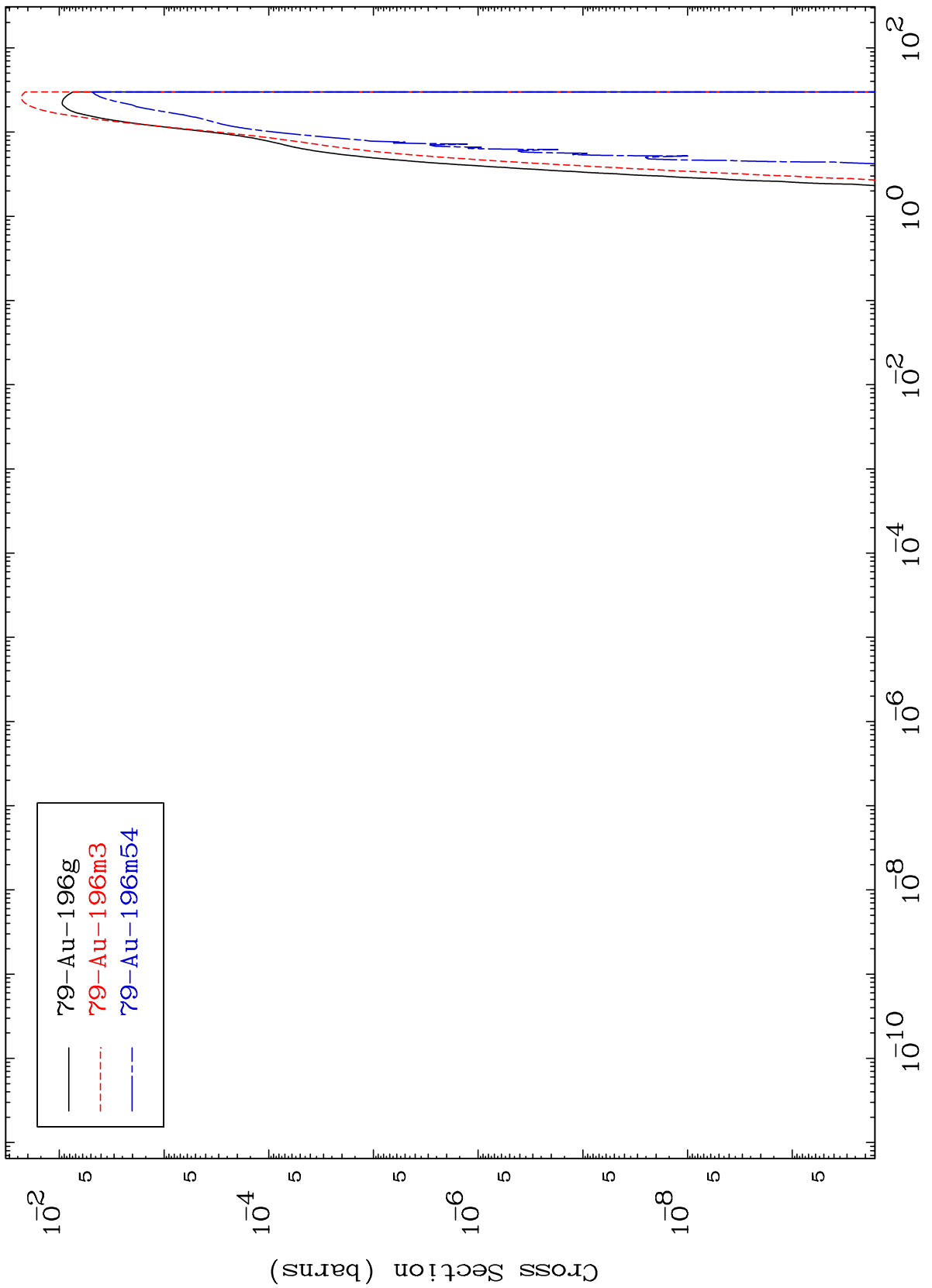
(n,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 8025

(n,p)  
Radionuclide Production Cross Section

80-Hg-196



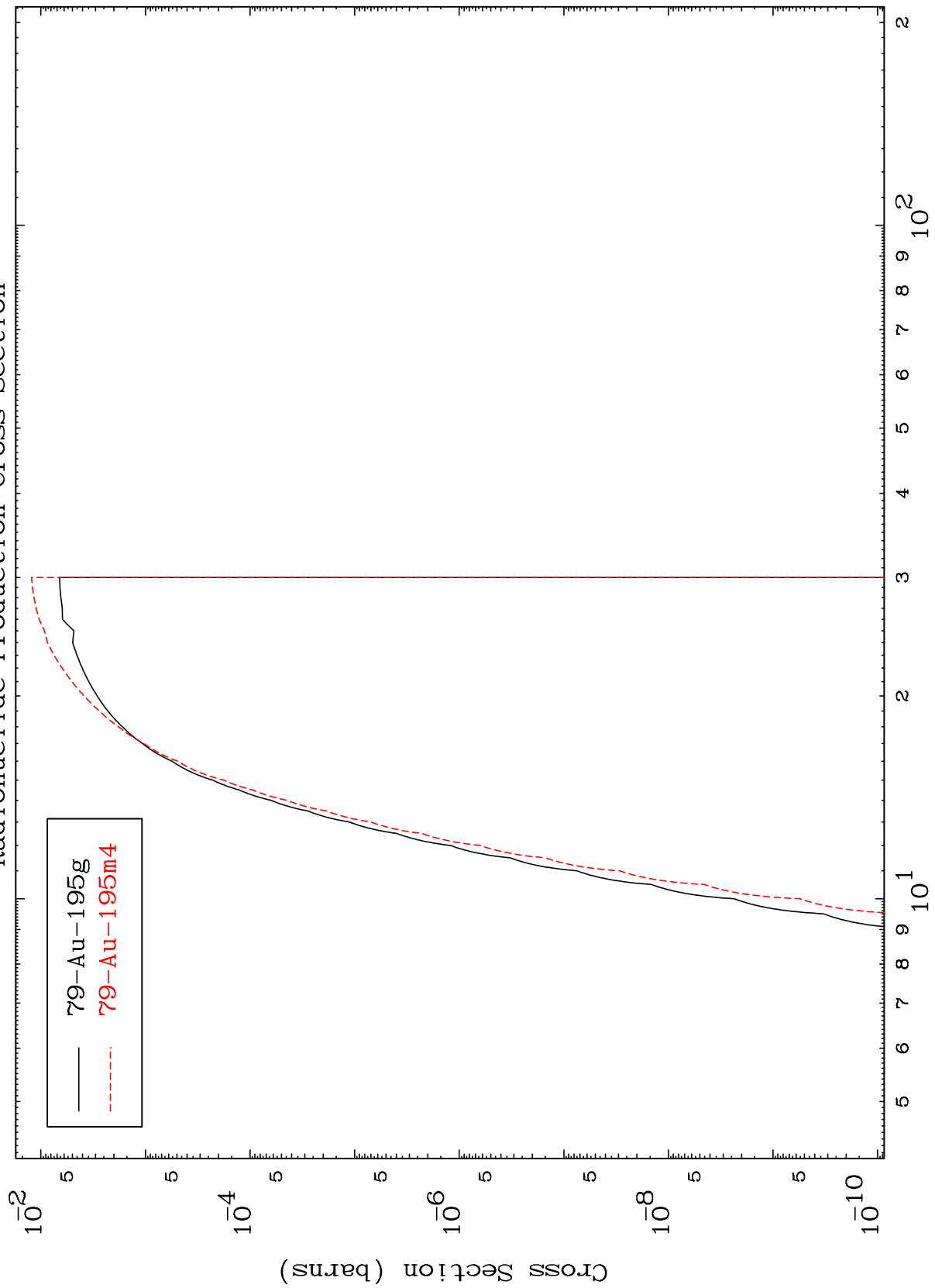
140

80-Hg-196

MAT 8025

80-Hg-196

(n,d)  
Radionuclide Production Cross Section



79-Au-195g  
79-Au-195m4

80-Hg-196

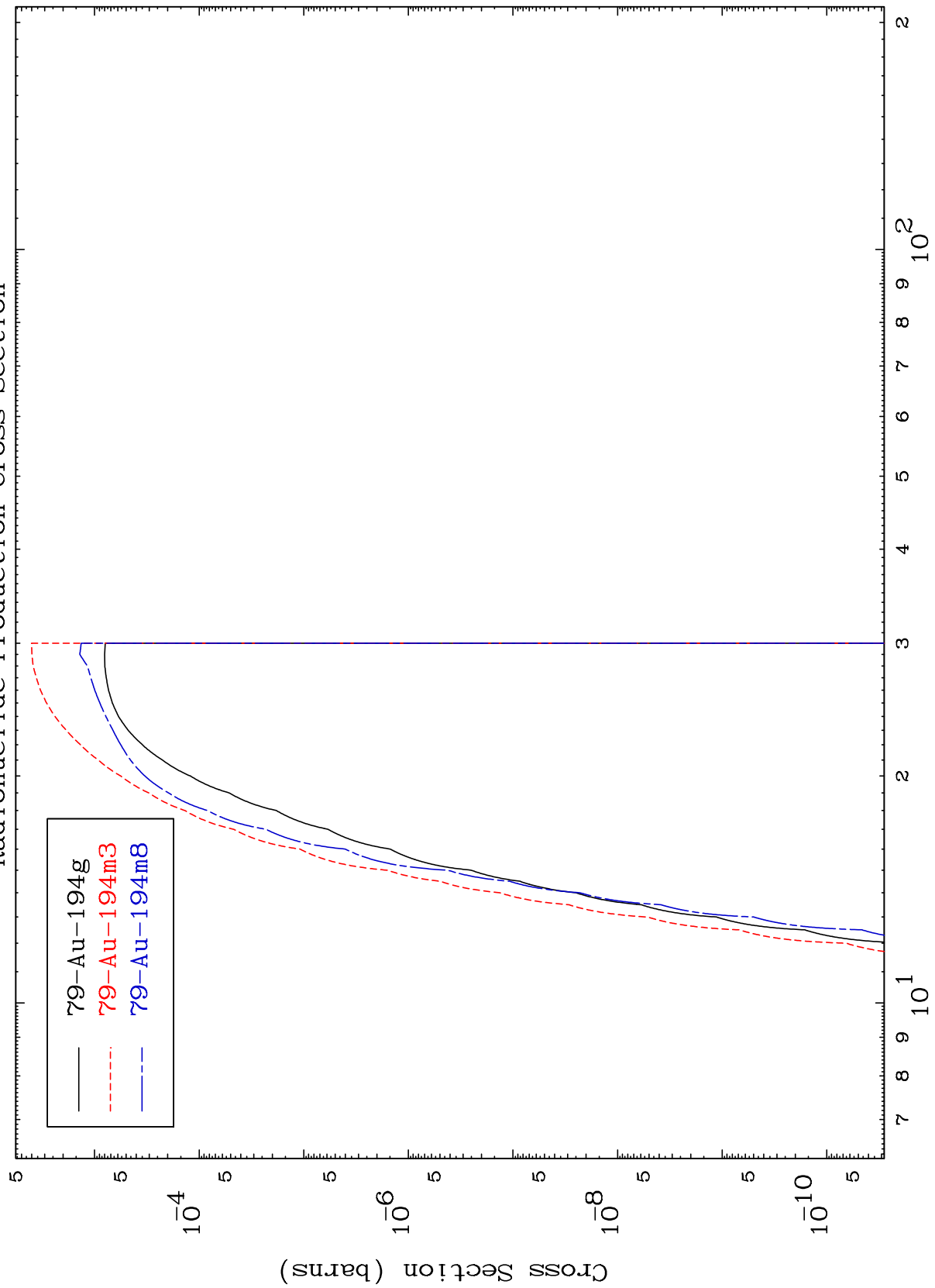
Incident Energy (MeV)

141

MAT 8025

80-Hg-196

(n, t)  
Radionuclide Production Cross Section



142

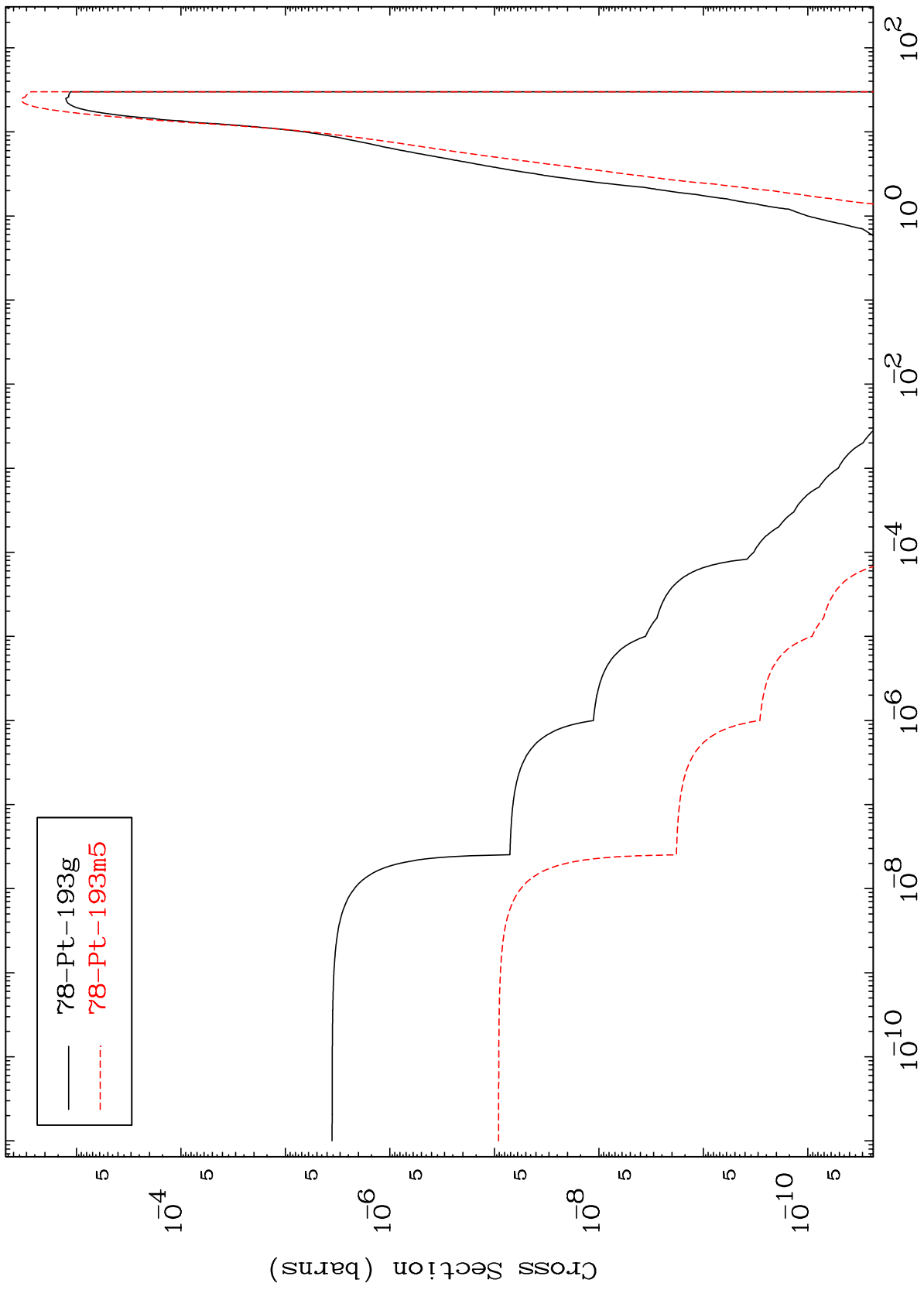
Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196

Radionuclide Production Cross Section  
(n,  $\alpha$ )

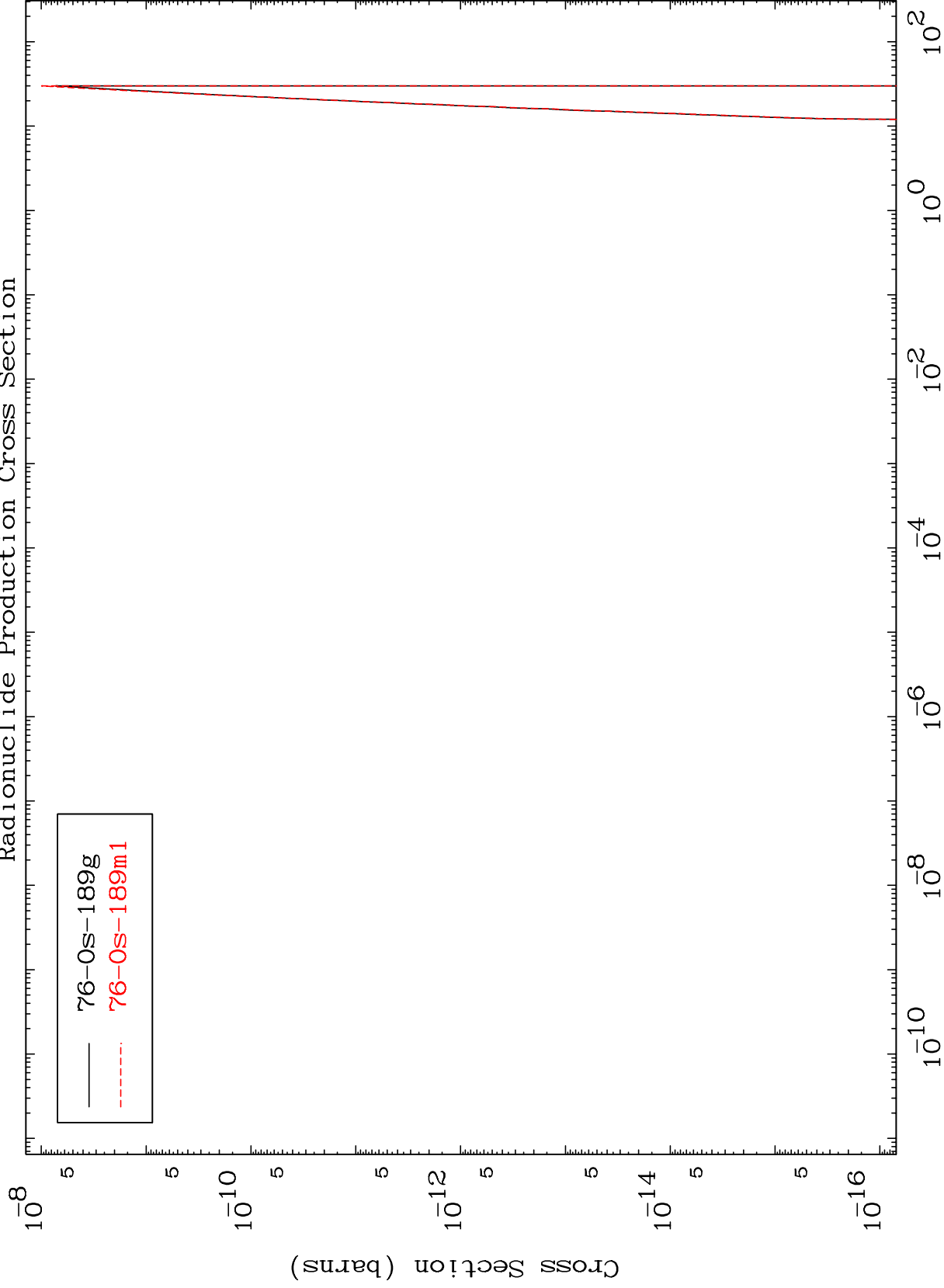


MAT 8025

(n,2α)

80-Hg-196

Radionuclide Production Cross Section



144

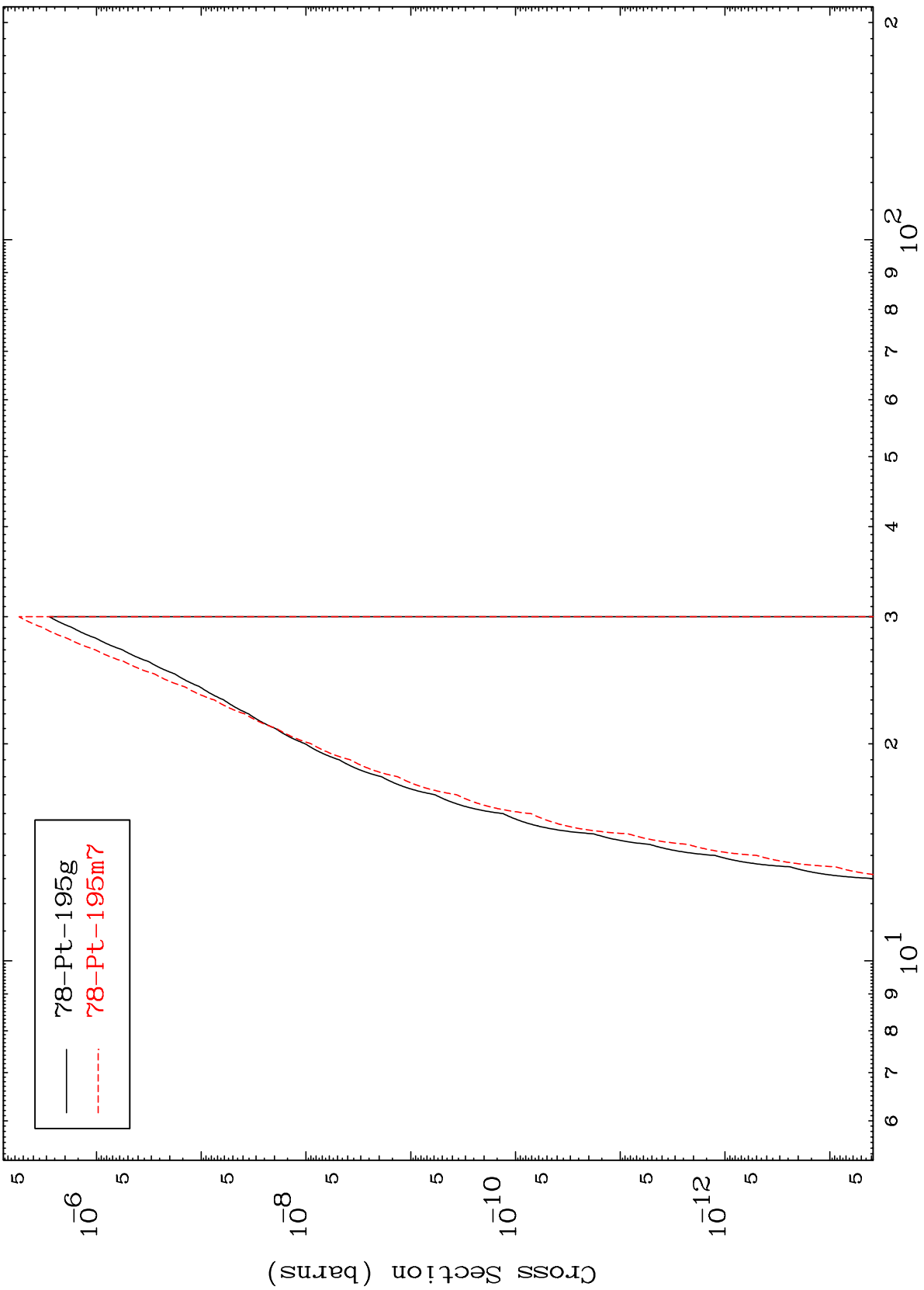
Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196

(n,2p)  
Radionuclide Production Cross Section



78-Pt-195g  
78-Pt-195m7

145

Incident Energy (MeV)

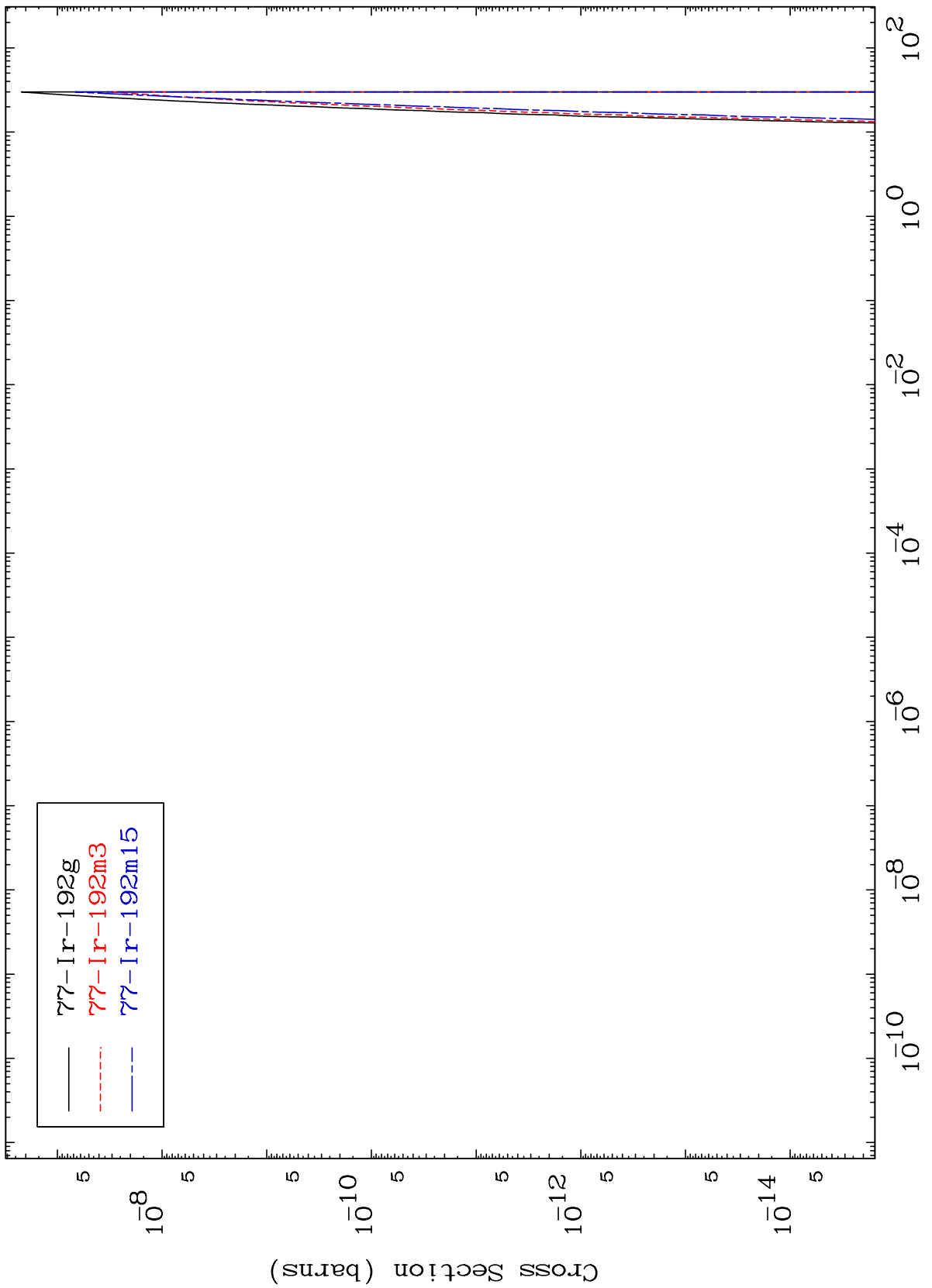
80-Hg-196

MAT 8025

(n,p)  $\alpha$

80-Hg-196

Radionuclide Production Cross Section



146

Incident Energy (MeV)

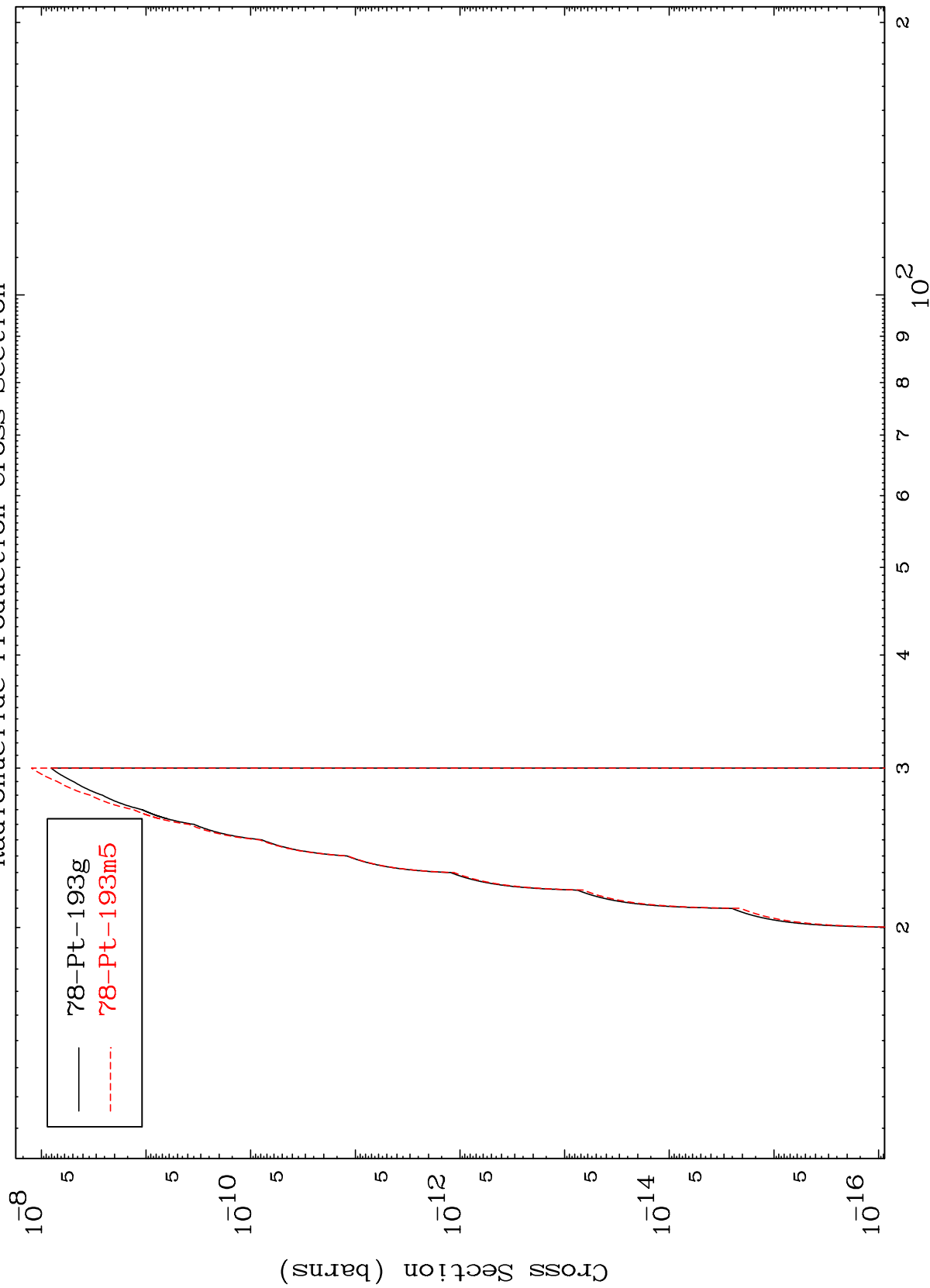
80-Hg-196

MAT 8025

(n,p) t

80-Hg-196

Radionuclide Production Cross Section



147

Incident Energy (MeV)

80-Hg-196