

Program EVALPLOT
(Version 2021-1)

by

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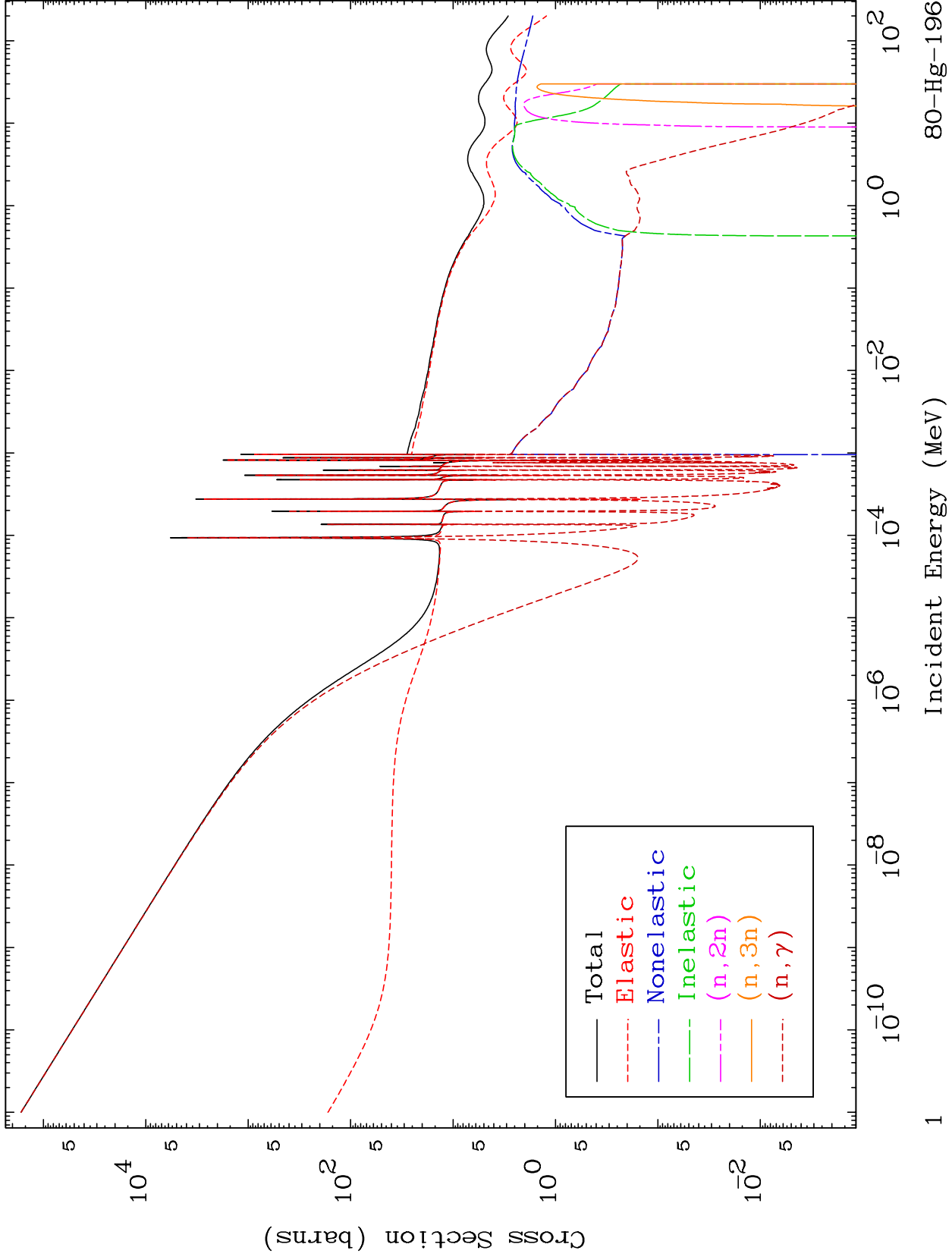
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8025

Neutron Major
293 Kelvin Cross Sections

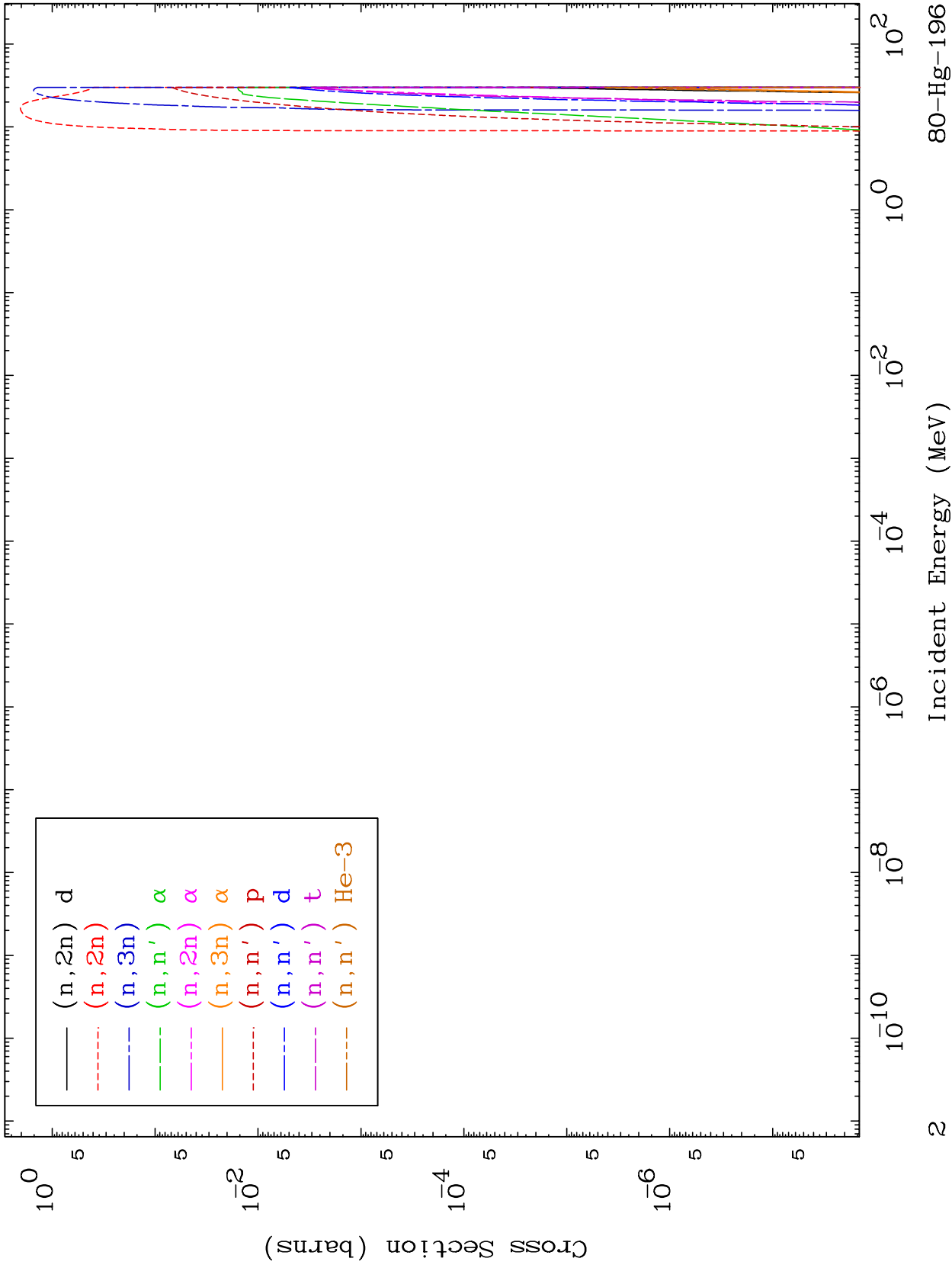
80-Hg-196



MAT 8025

Neutron Absorption
293 Kelvin Cross Sections

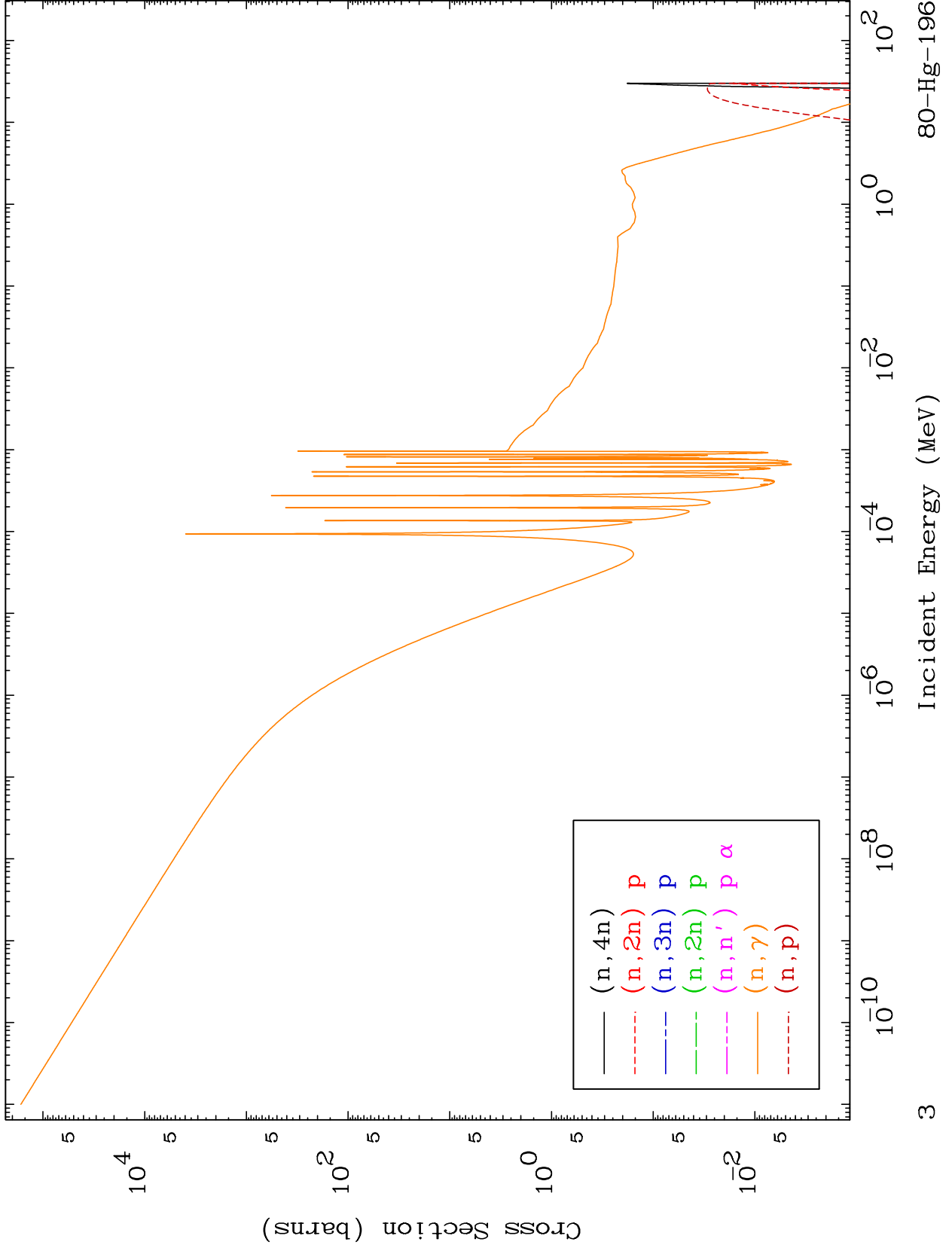
80-Hg-196

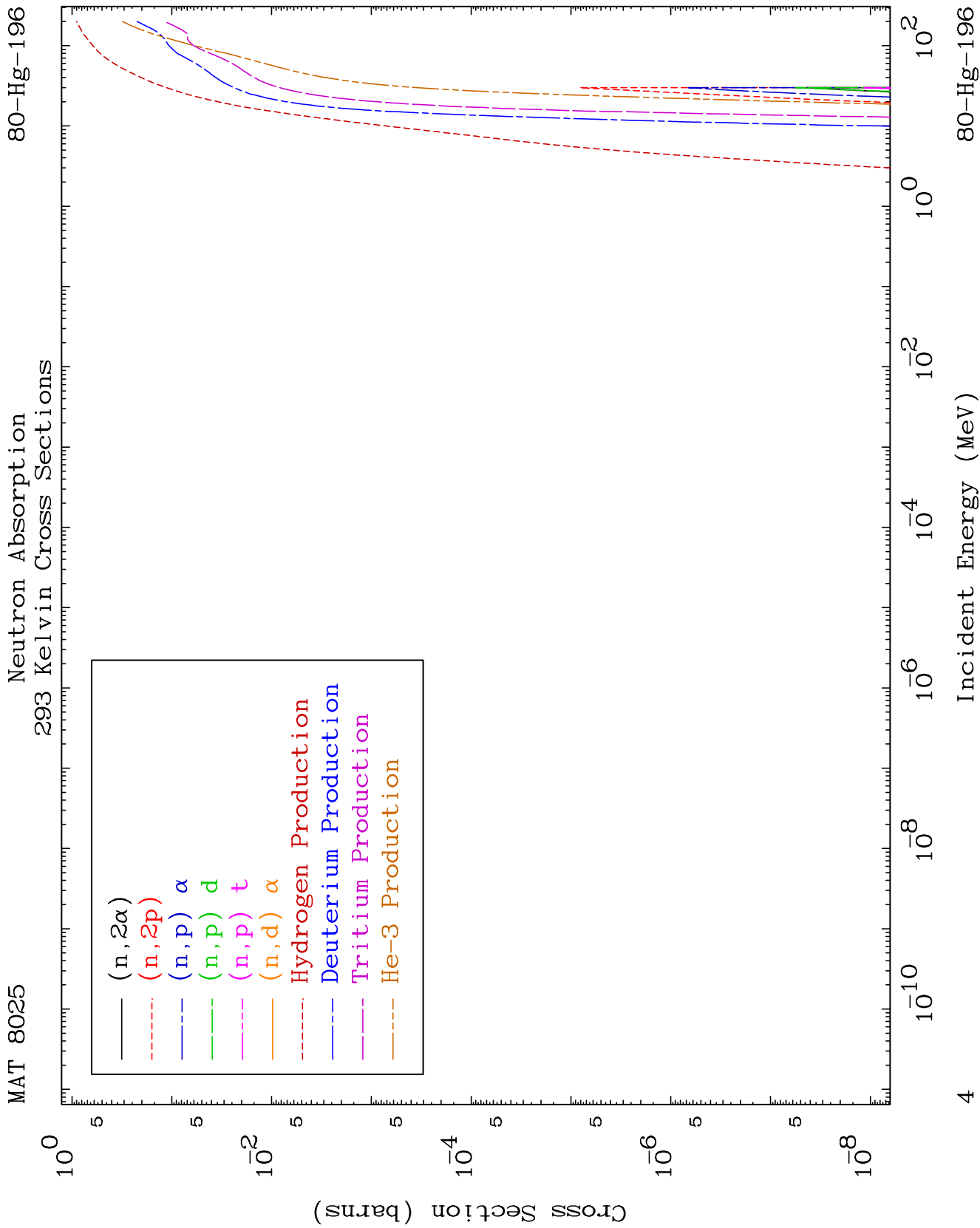


MAT 8025

Neutron Absorption
293 Kelvin Cross Sections

80-Hg-196

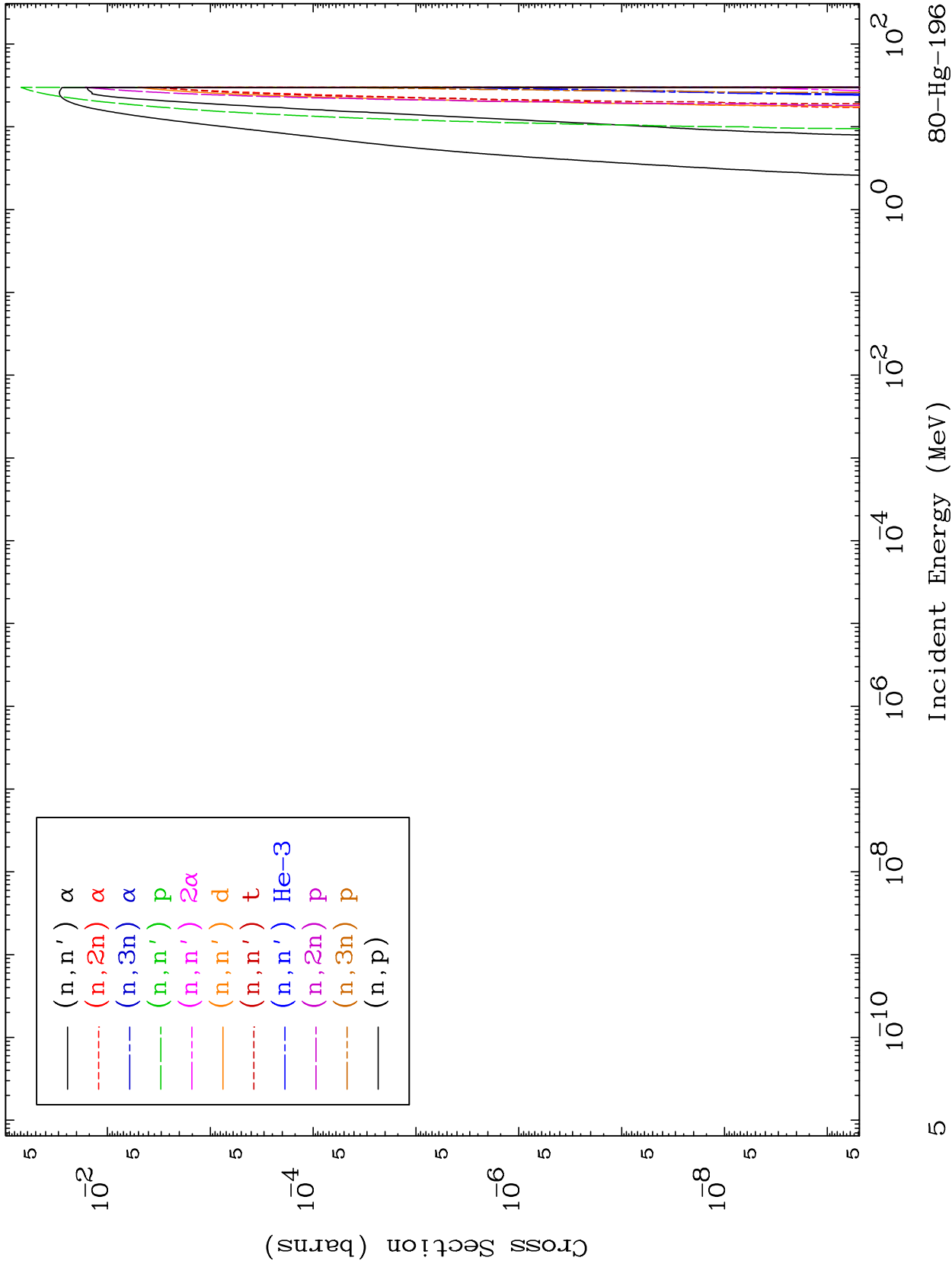




MAT 8025

Charged Particle
293 Kelvin Cross Sections

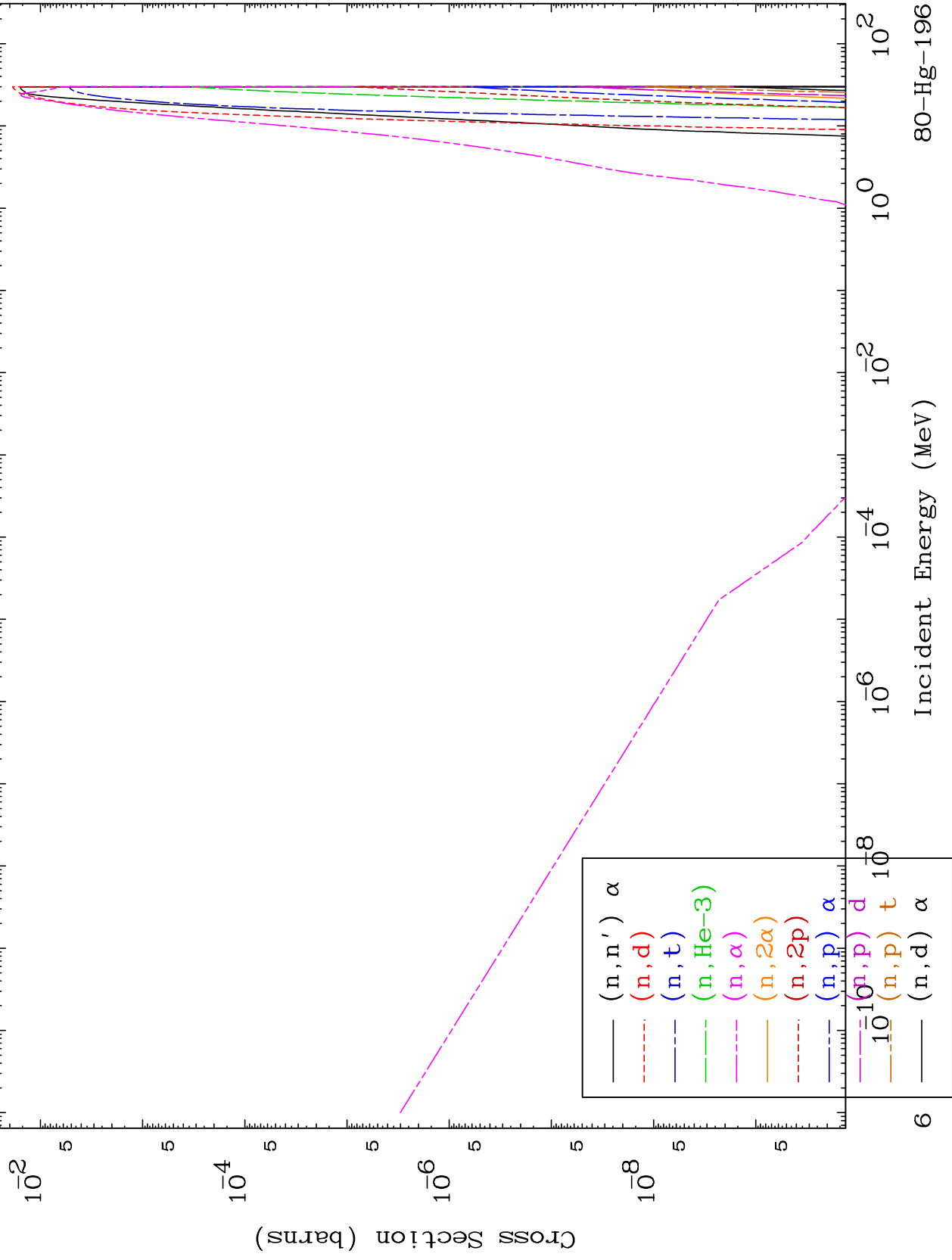
80-Hg-196



MAT 8025

Charged Particle
293 Kelvin Cross Sections

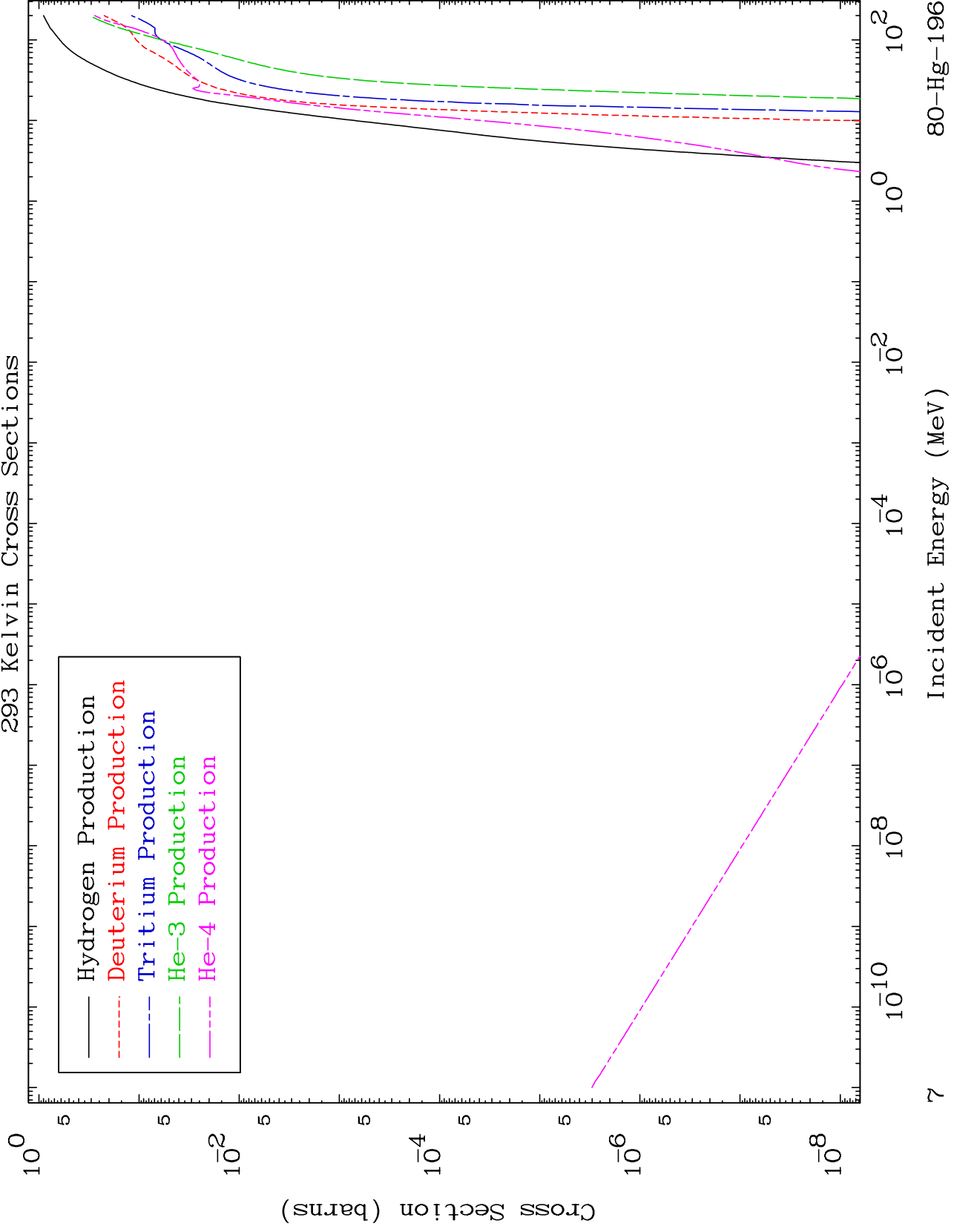
80-Hg-196



MAT 8025

Particle Production
293 Kelvin Cross Sections

80-Hg-196

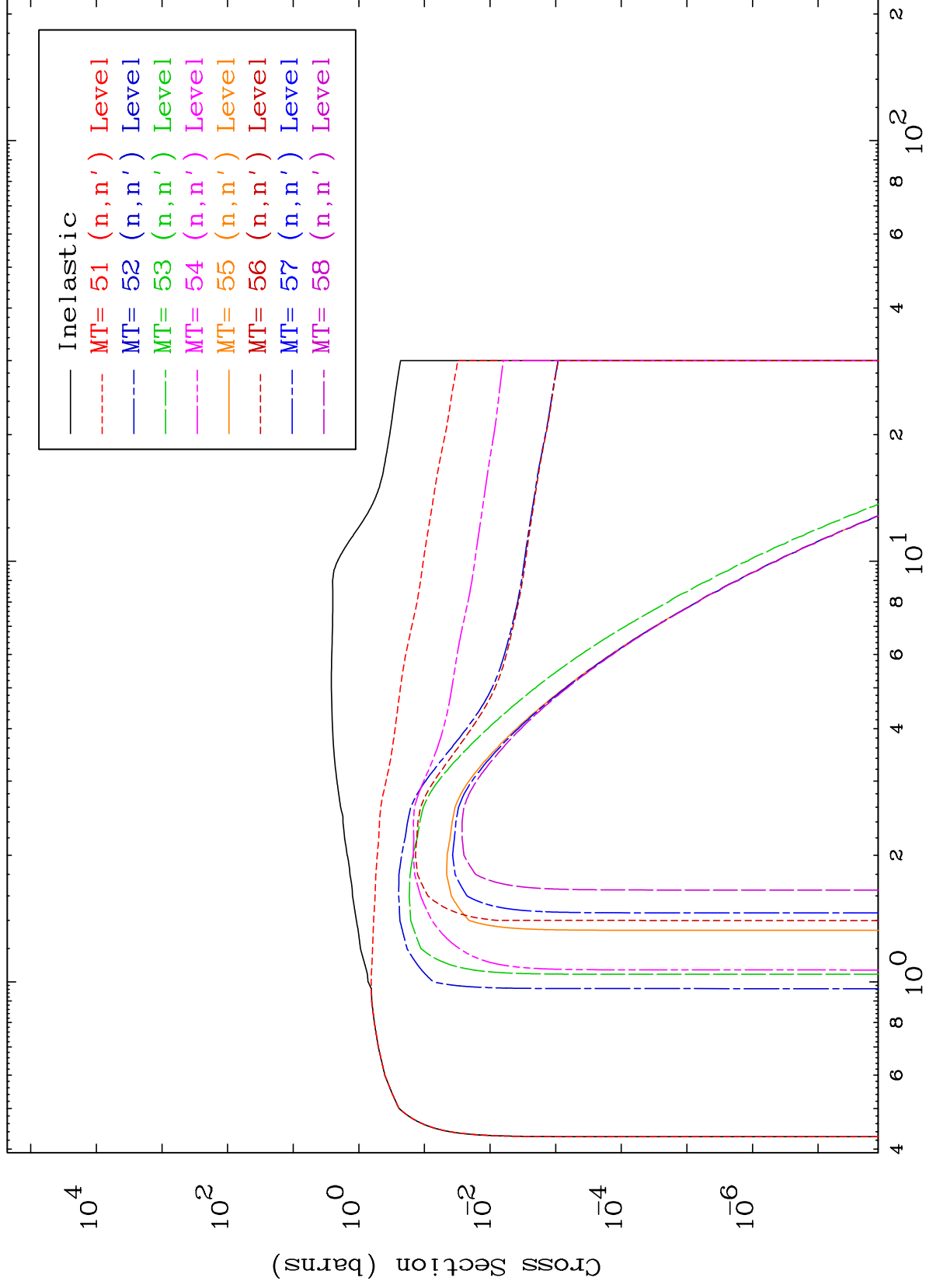


MAT 8025

(n,n') Levels

80-Hg-196

293 Kelvin Cross Sections



8

Incident Energy (MeV)

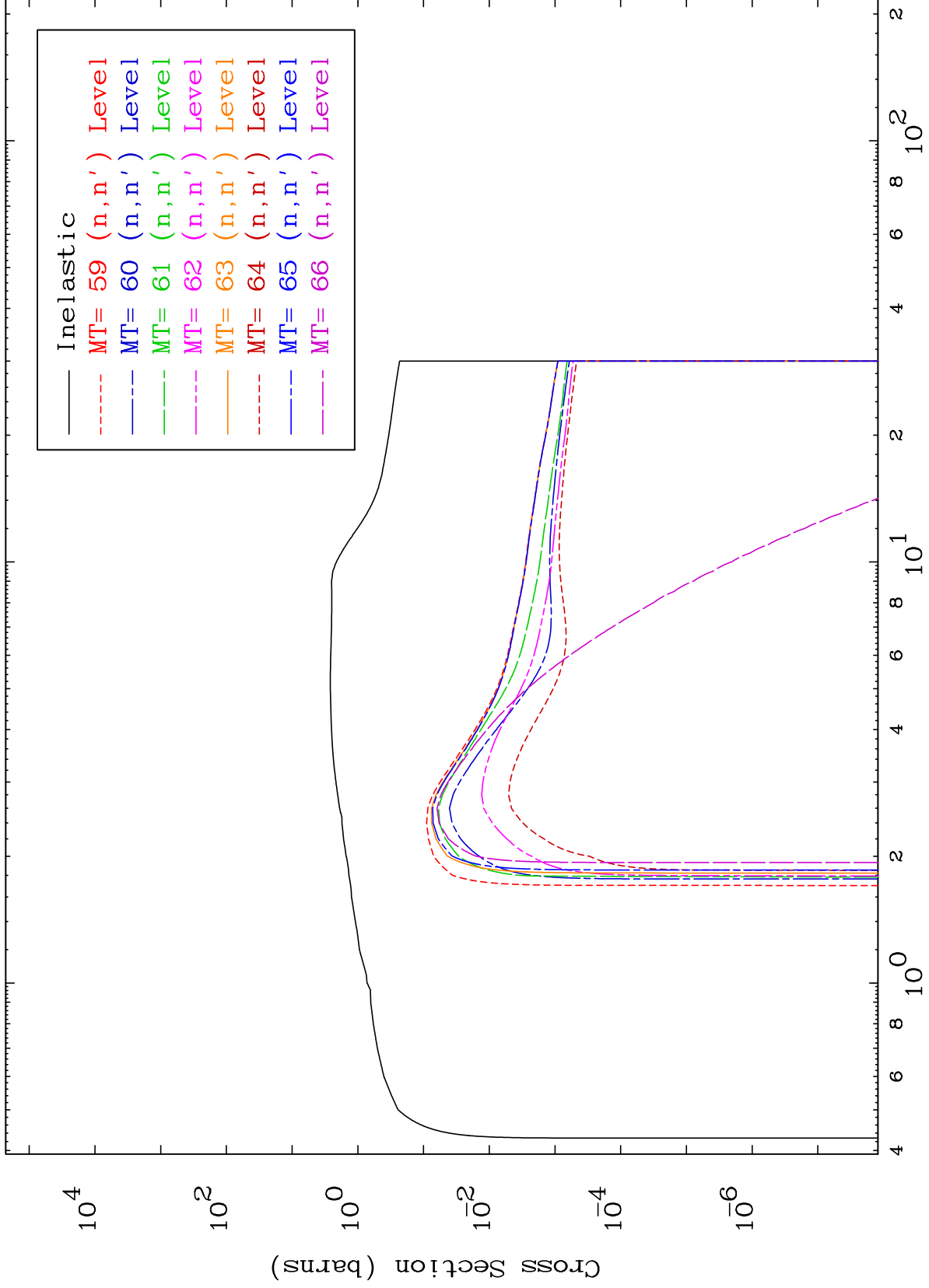
80-Hg-196

MAT 8025

(n,n') Levels

80-Hg-196

293 Kelvin Cross Sections



9

Incident Energy (MeV)

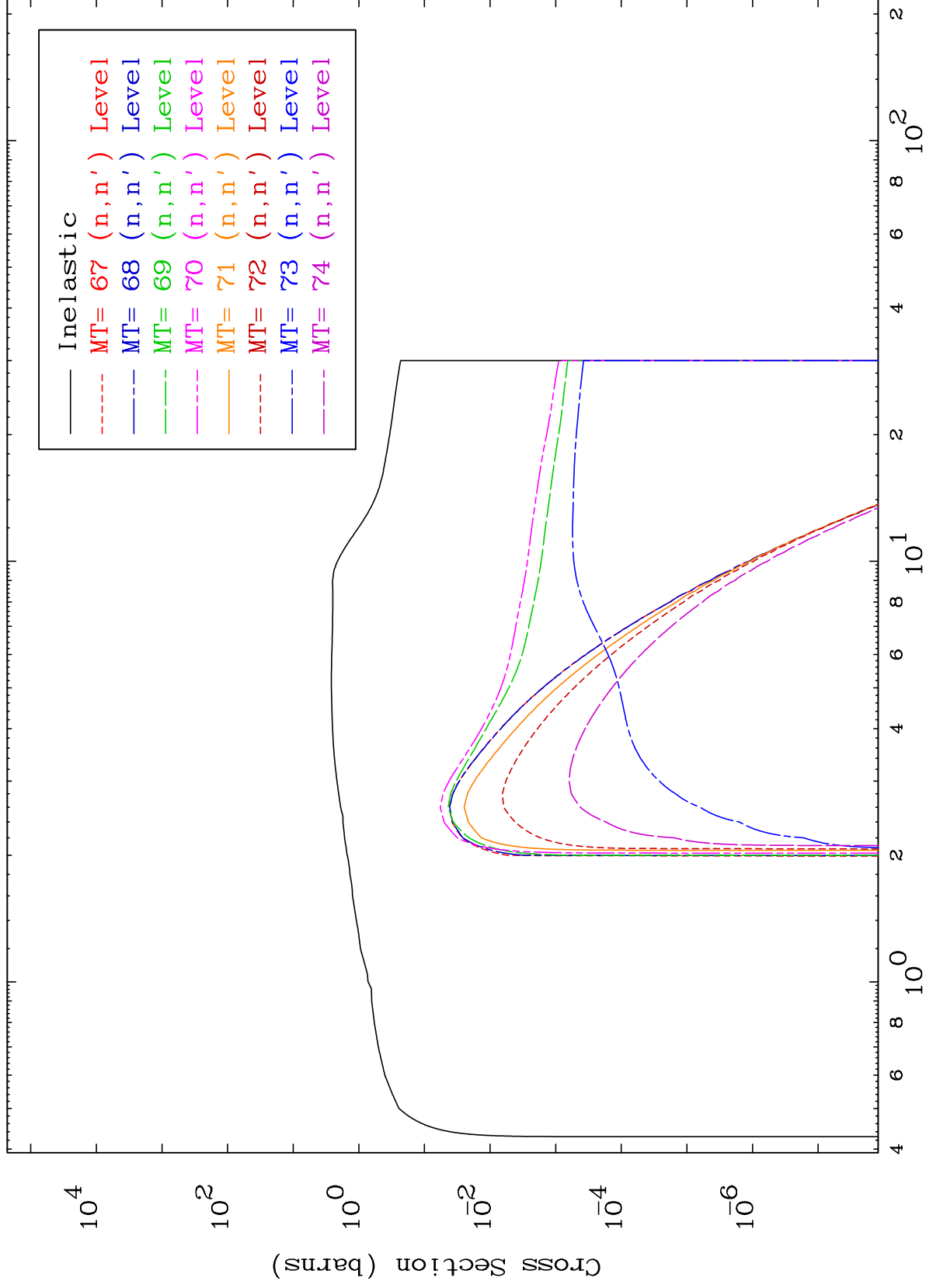
80-Hg-196

MAT 8025

(n,n') Levels

293 Kelvin Cross Sections

80-Hg-196



10

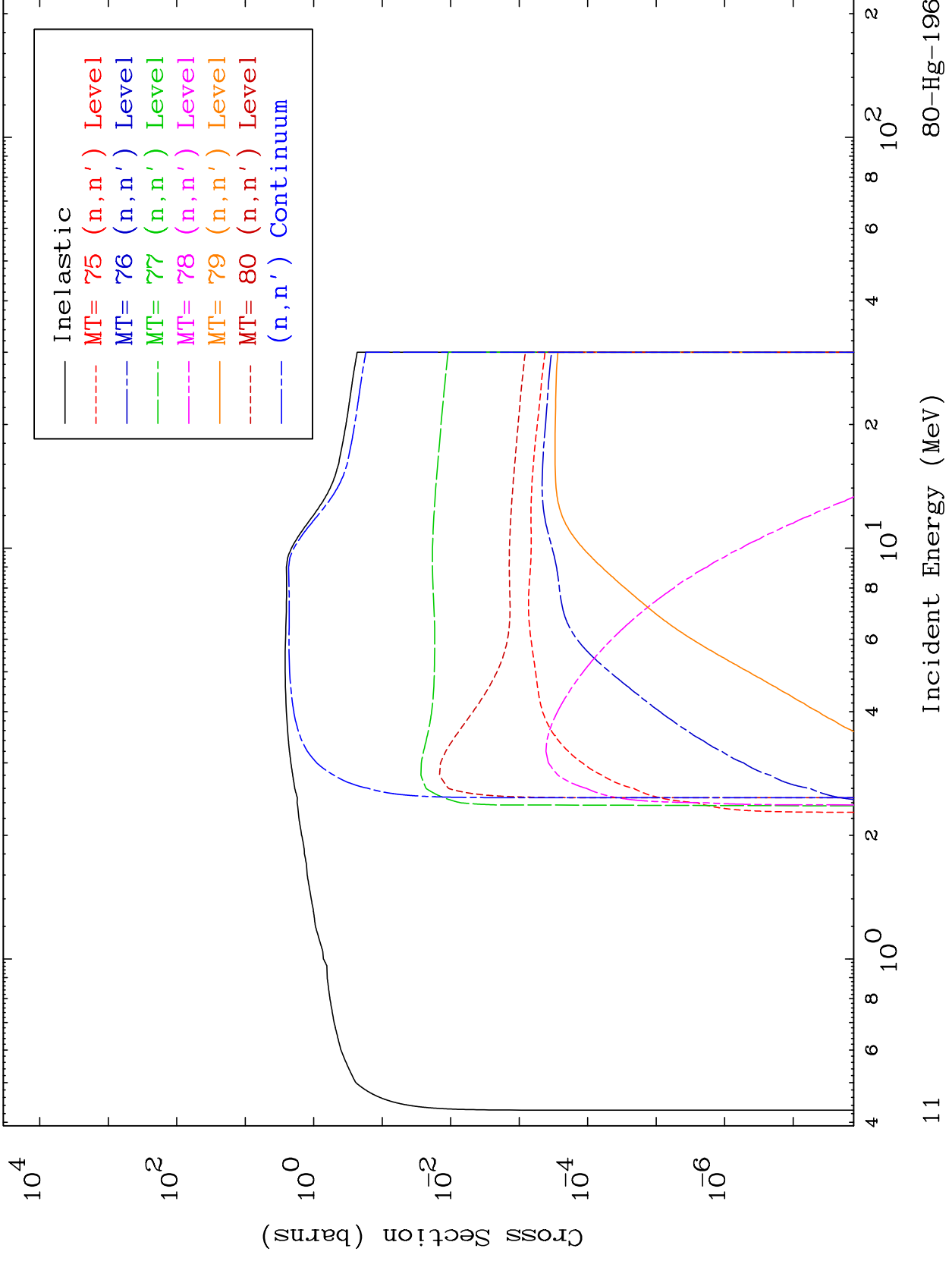
Incident Energy (MeV)

80-Hg-196

MAT 8025

(n,n') Levels
293 Kelvin Cross Sections

80-Hg-196



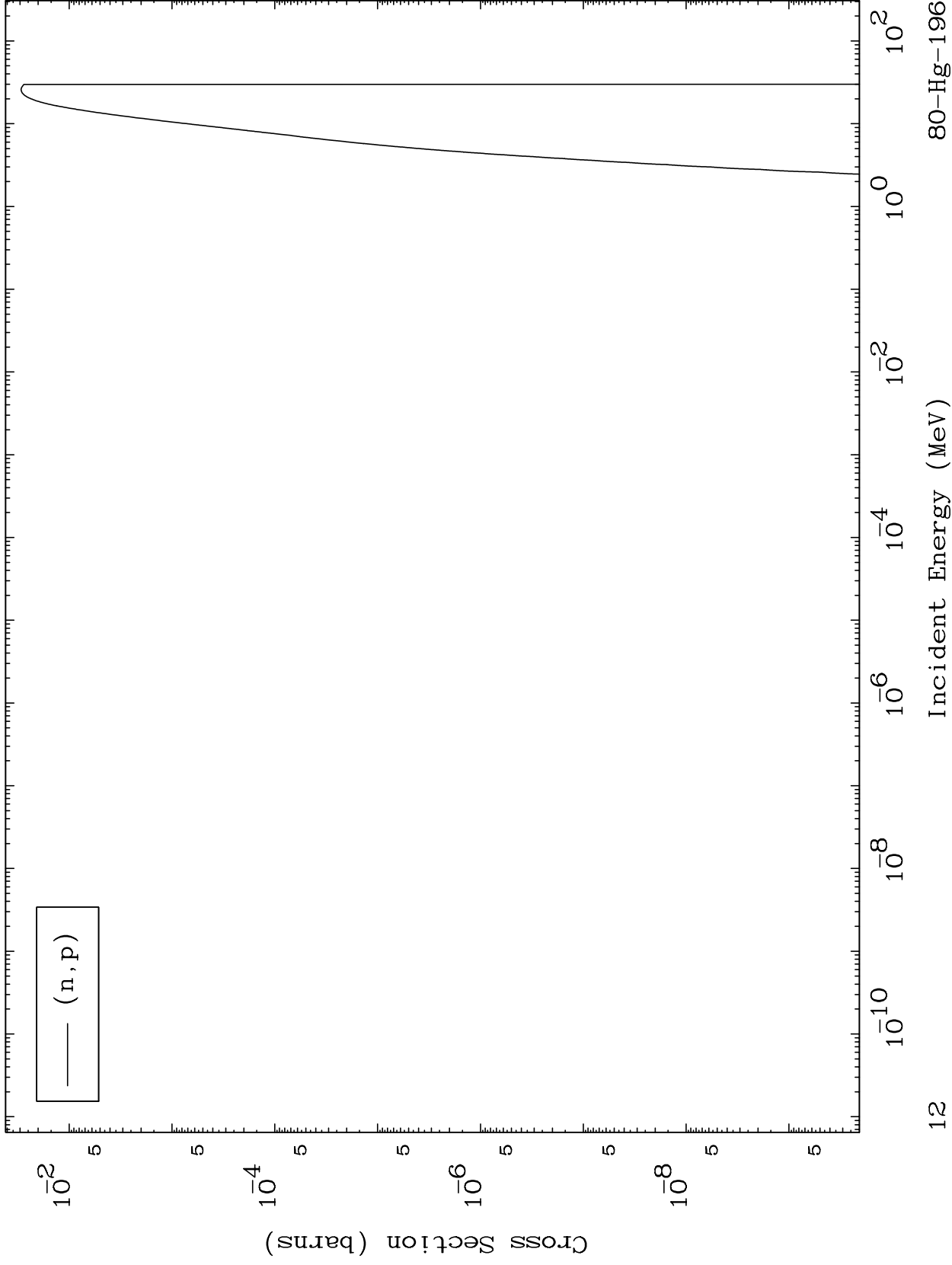
11

80-Hg-196

MAT 8025

(n,p) Levels
293 Kelvin Cross Sections

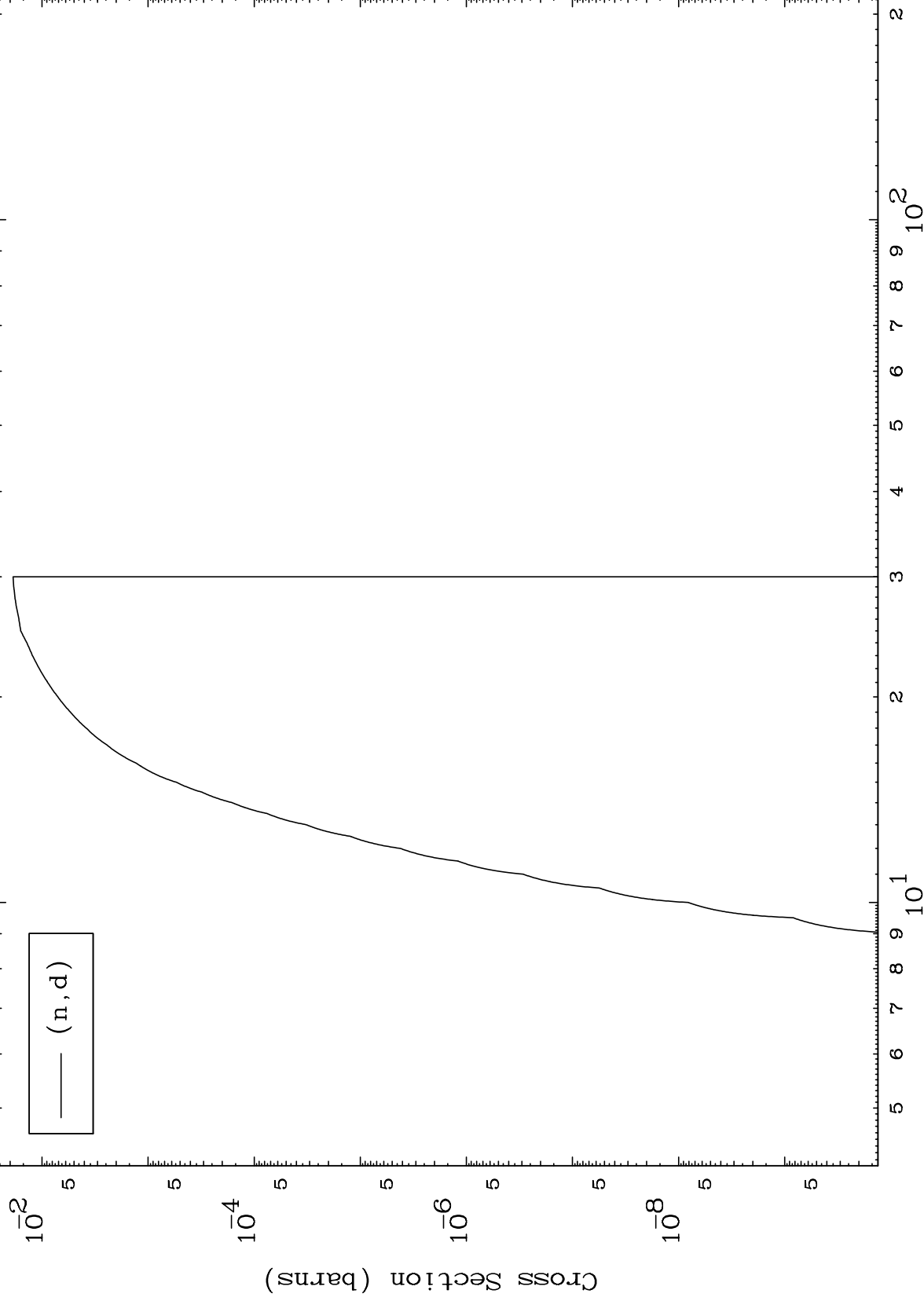
80-Hg-196



MAT 8025

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-196



13

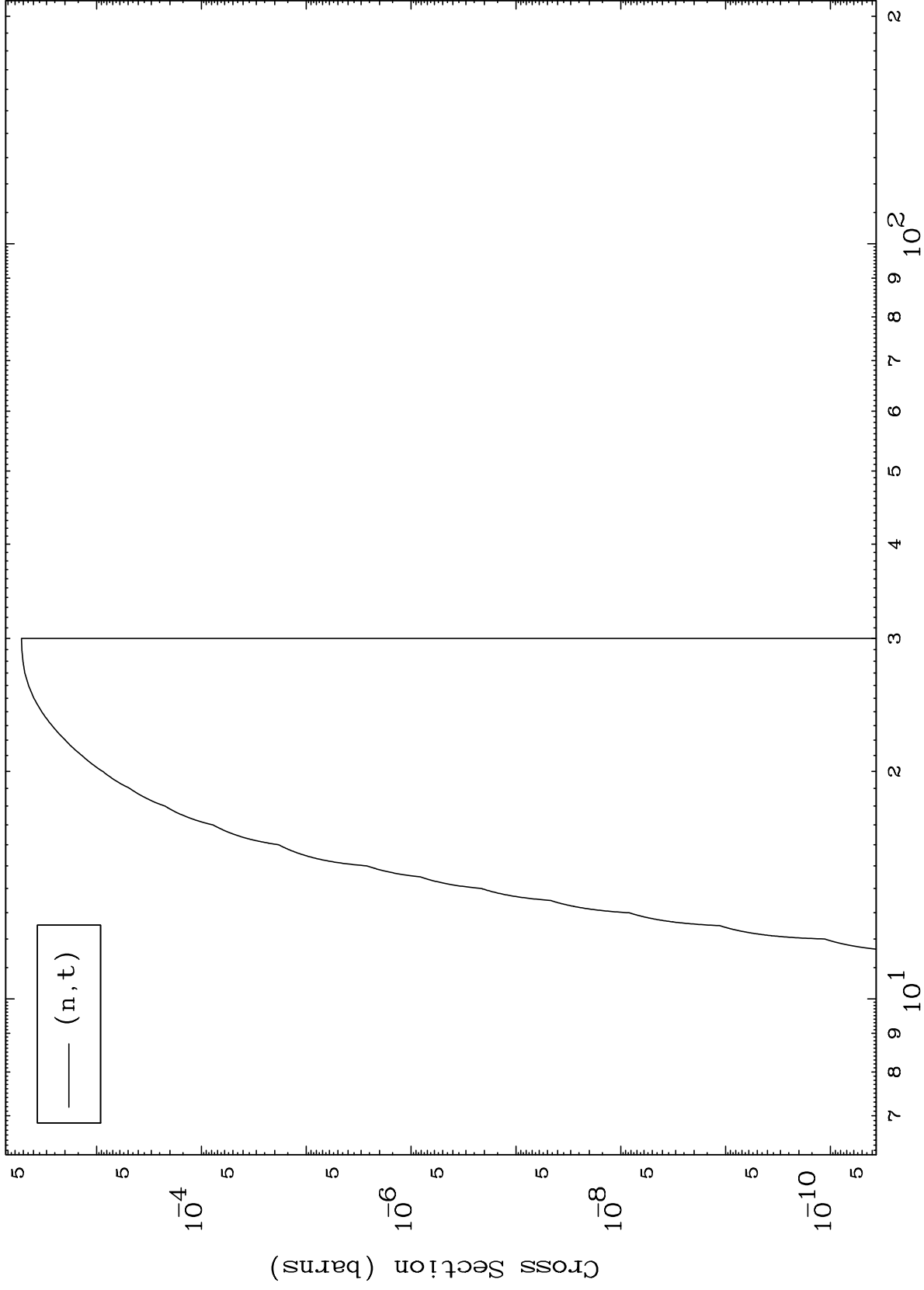
Incident Energy (MeV)

80-Hg-196

MAT 8025

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-196



14

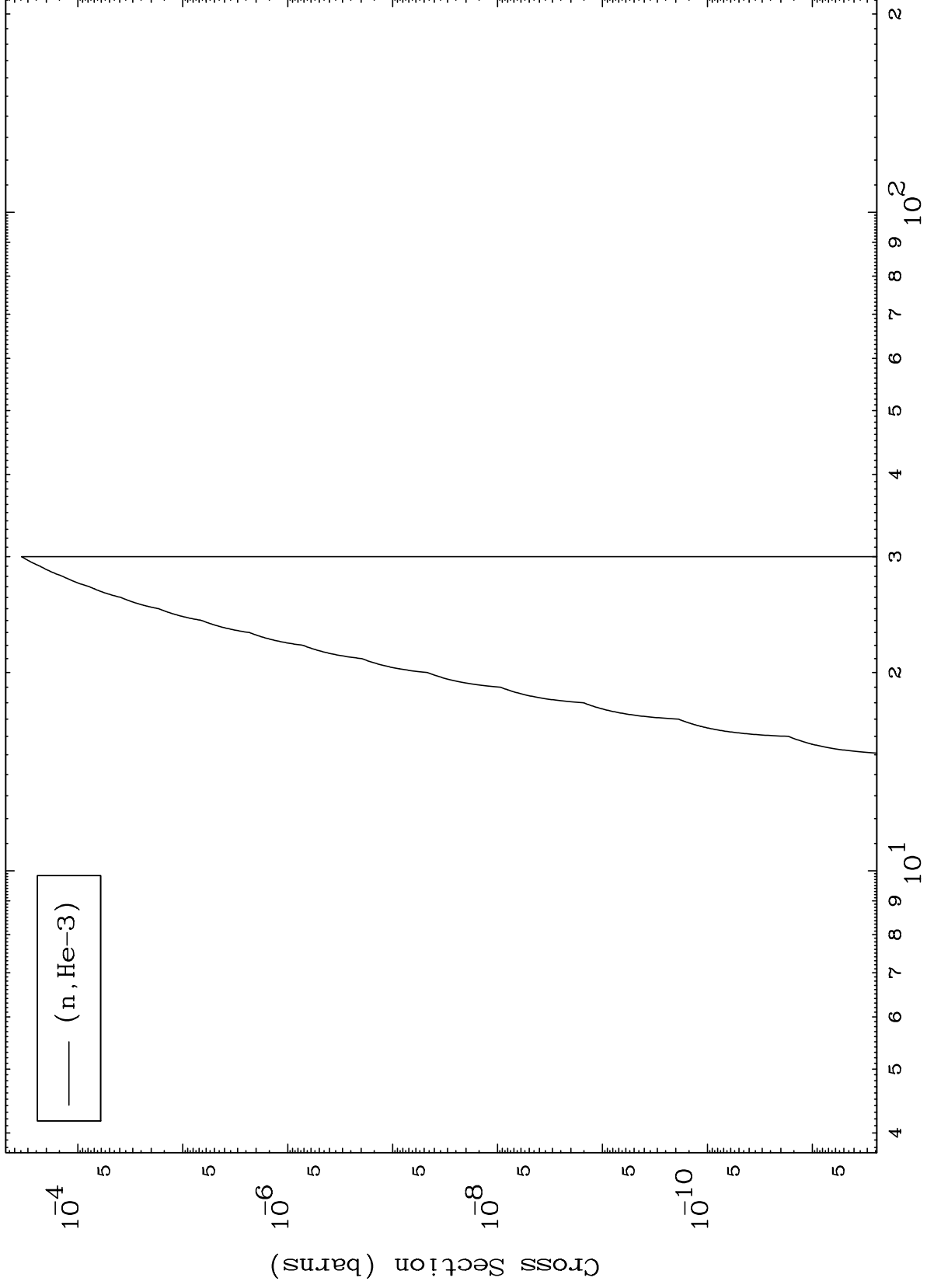
Incident Energy (MeV)

80-Hg-196

MAT 8025

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-196



15

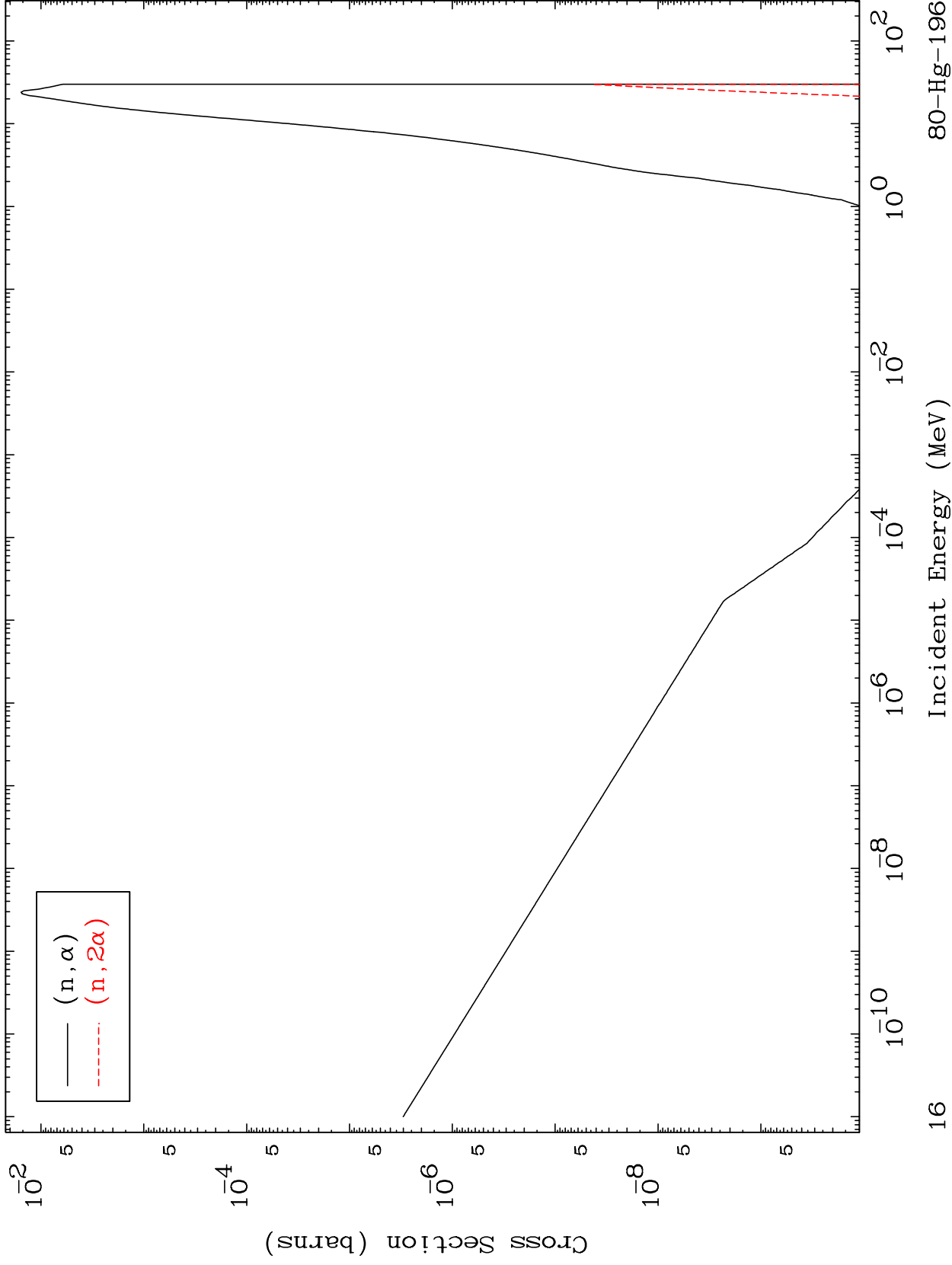
Incident Energy (MeV)

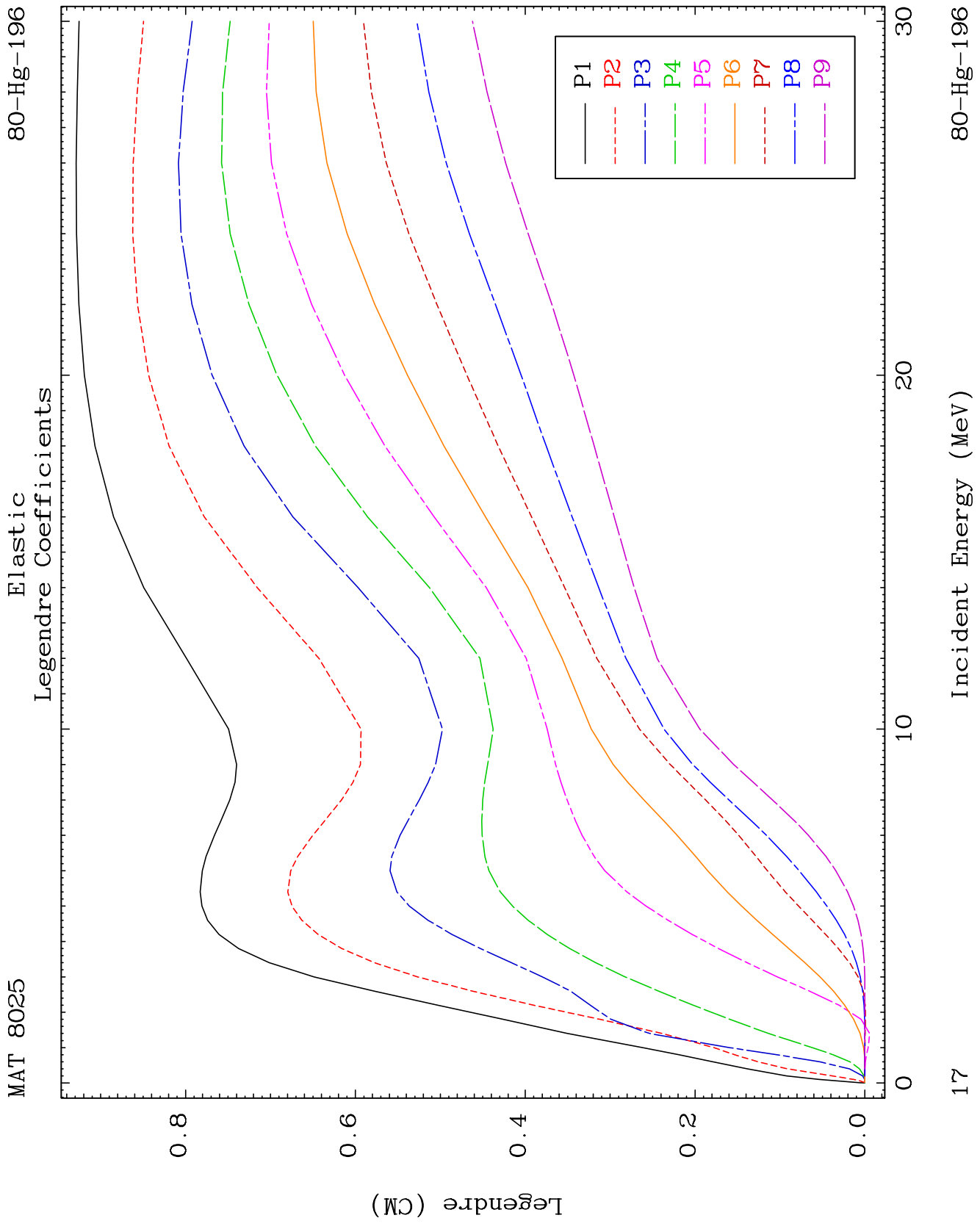
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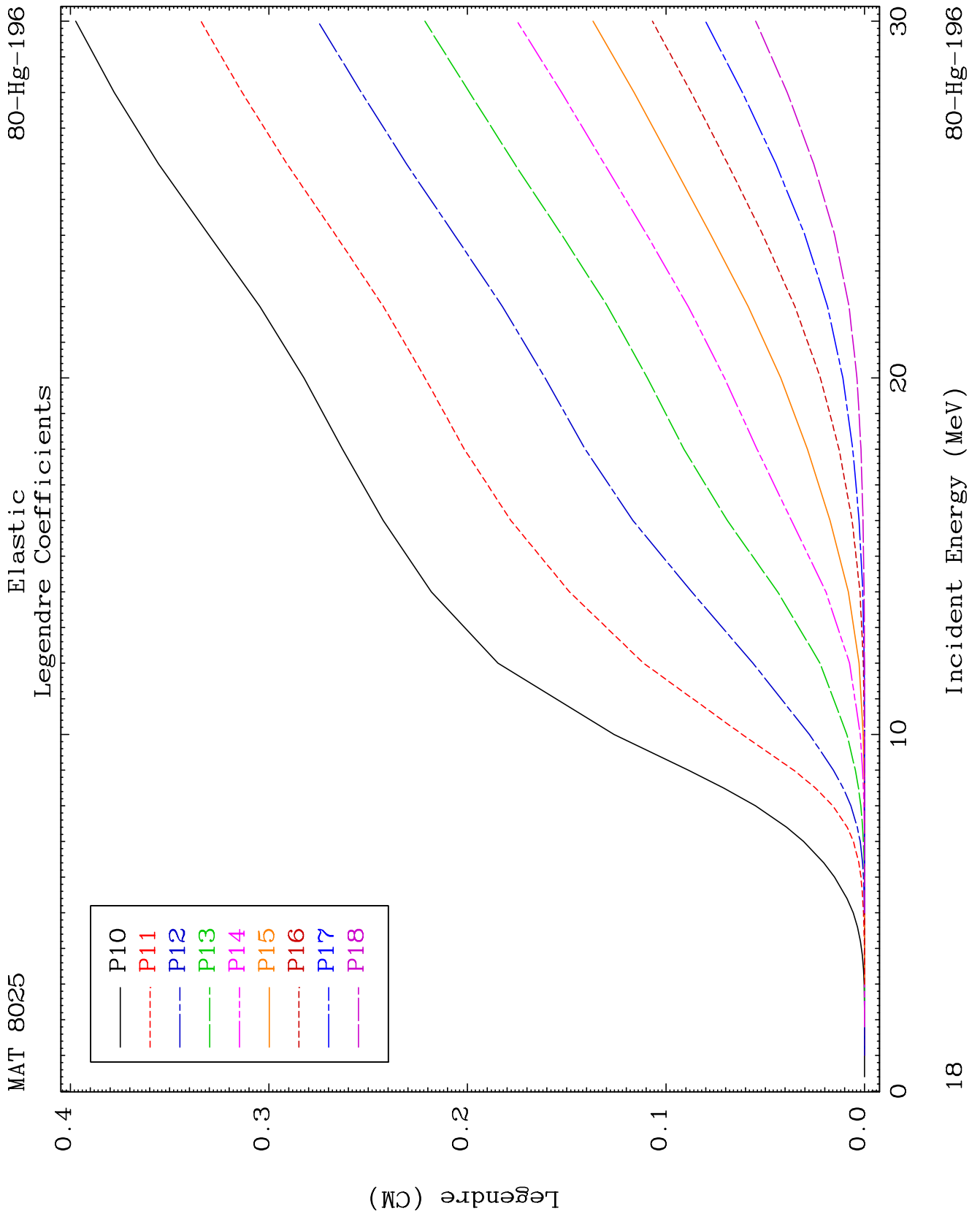
MAT 8025

(n, α) Levels
293 Kelvin Cross Sections

80-Hg-196



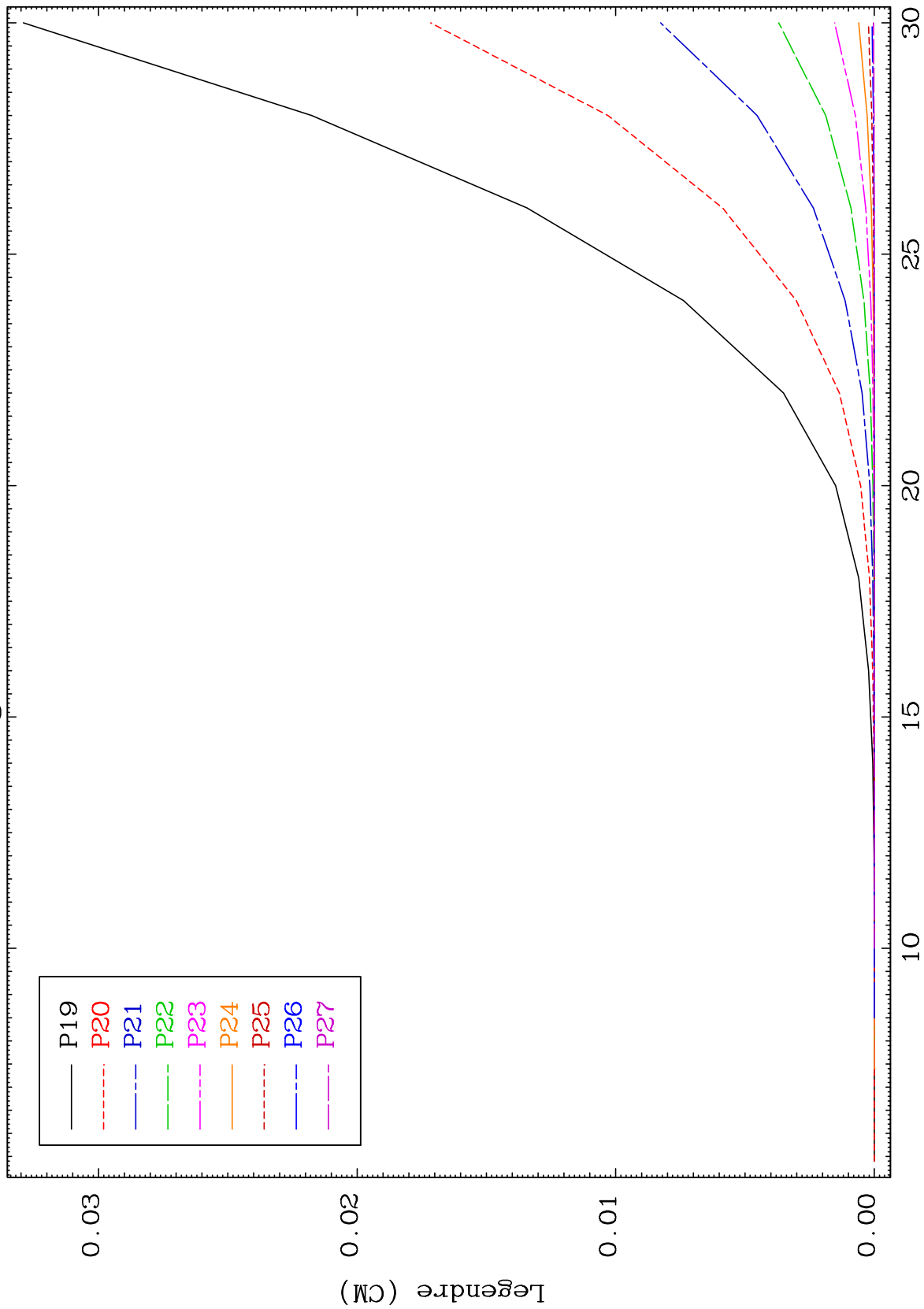




MAT 8025

Elastic Legendre Coefficients

80-Hg-196



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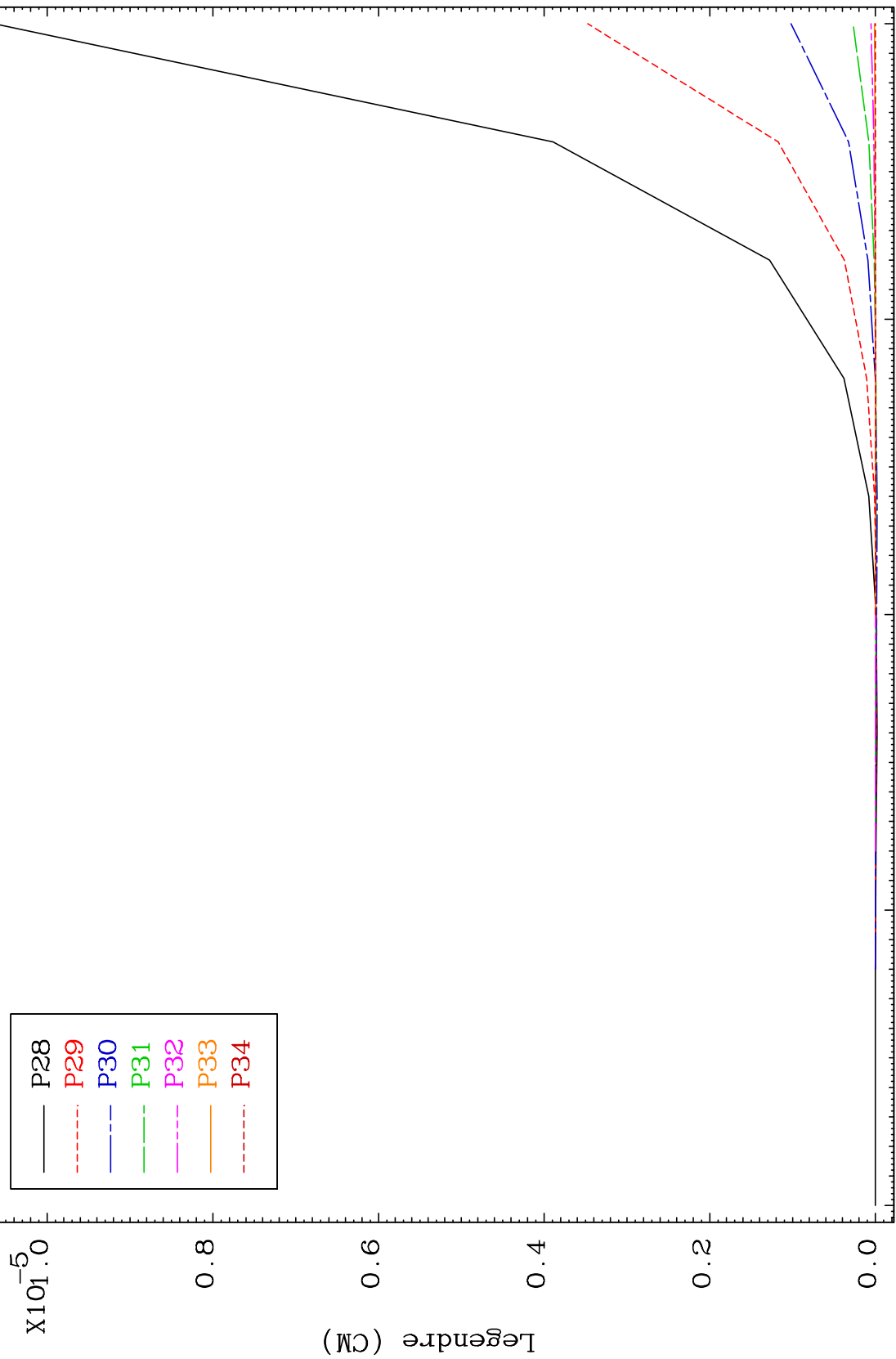
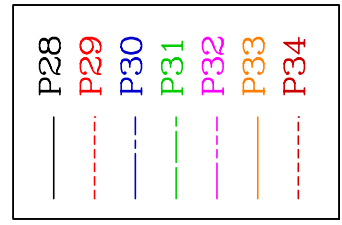
Incident Energy (MeV)

80-Hg-196

MAT 8025

Elastic Legendre Coefficients

80-Hg-196



80-Hg-196

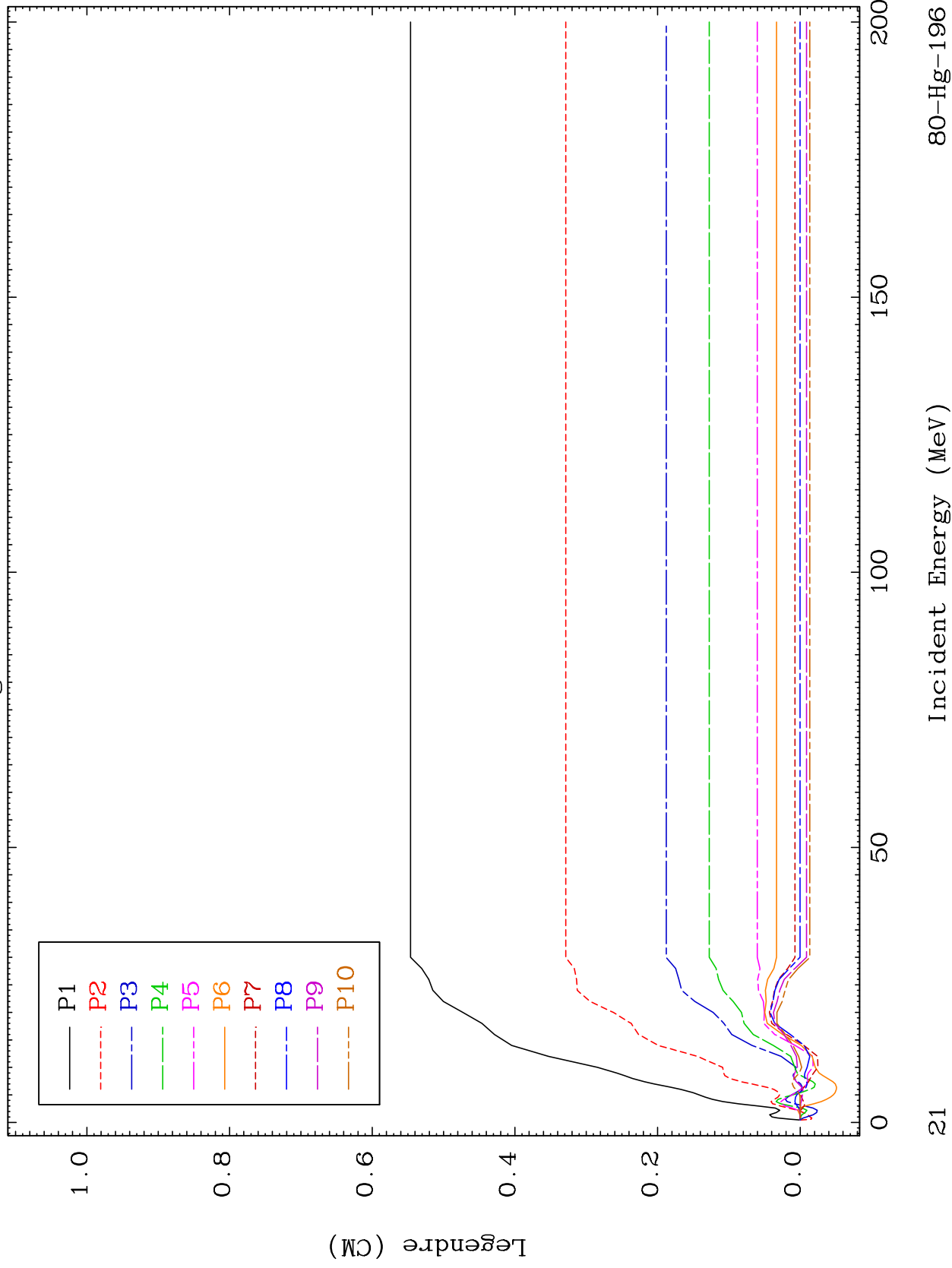
Incident Energy (MeV)

20

MAT 8025

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

80-Hg-196

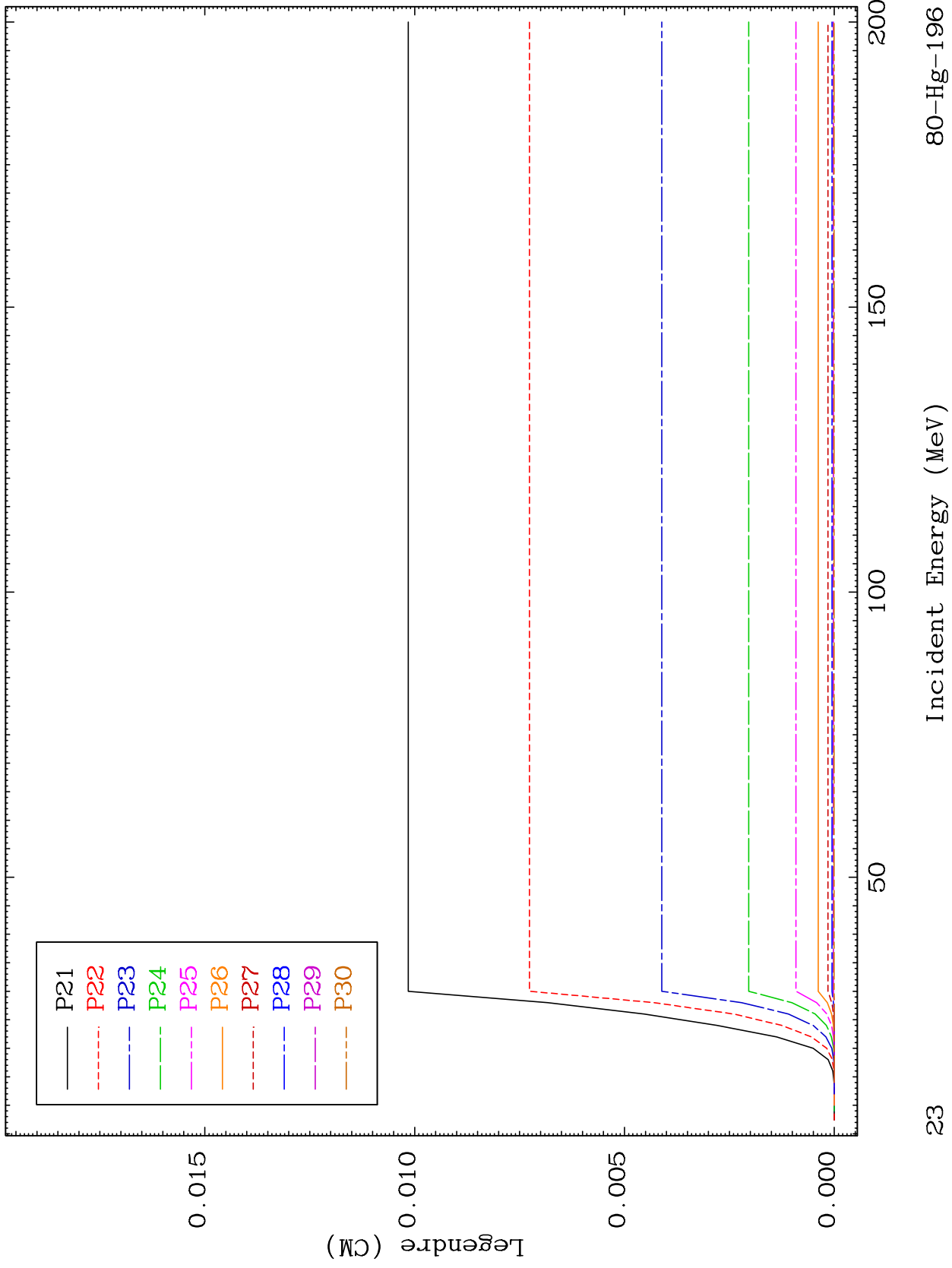


21

MAT 8025

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

80-Hg-196



23

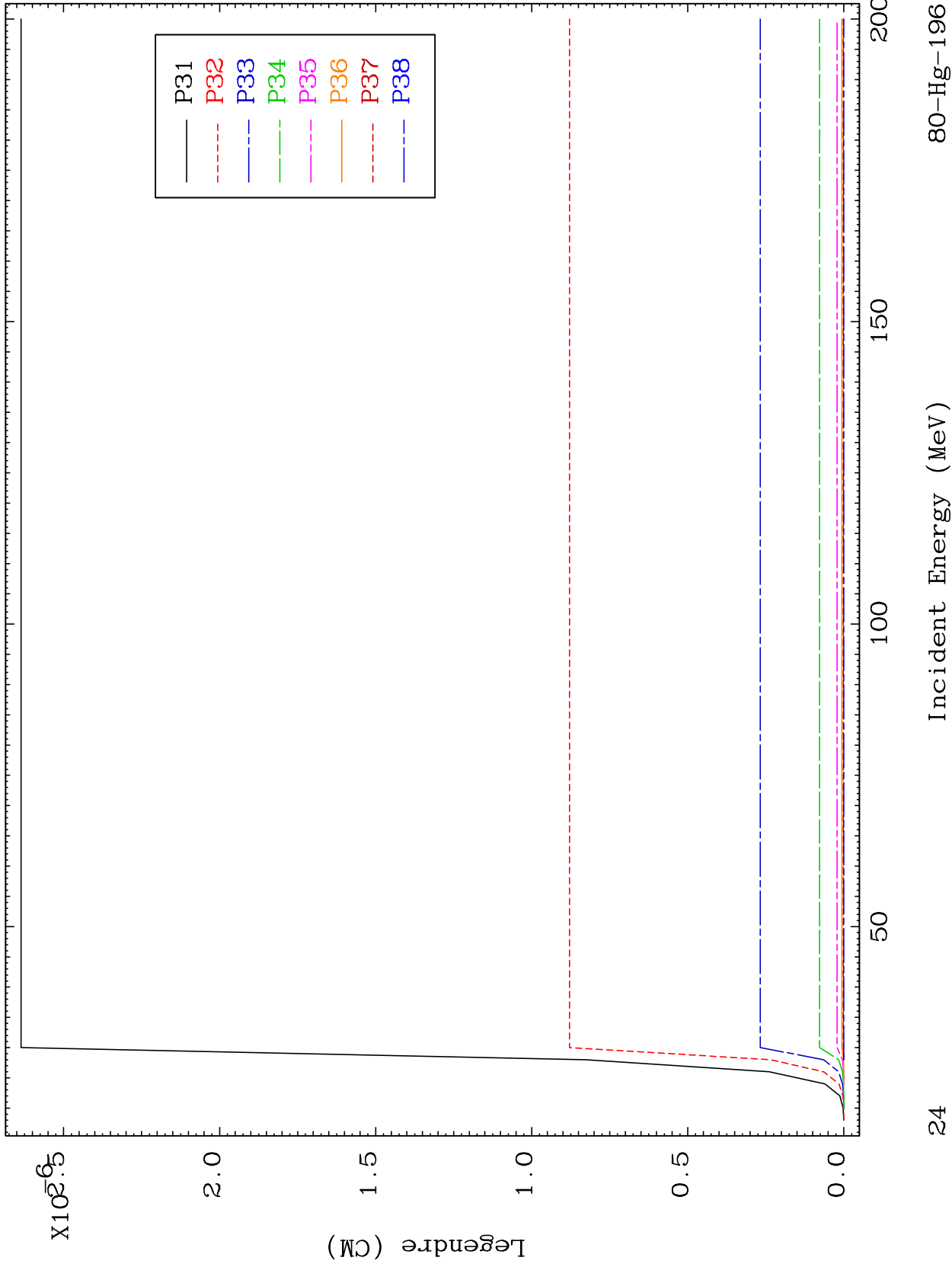
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



24

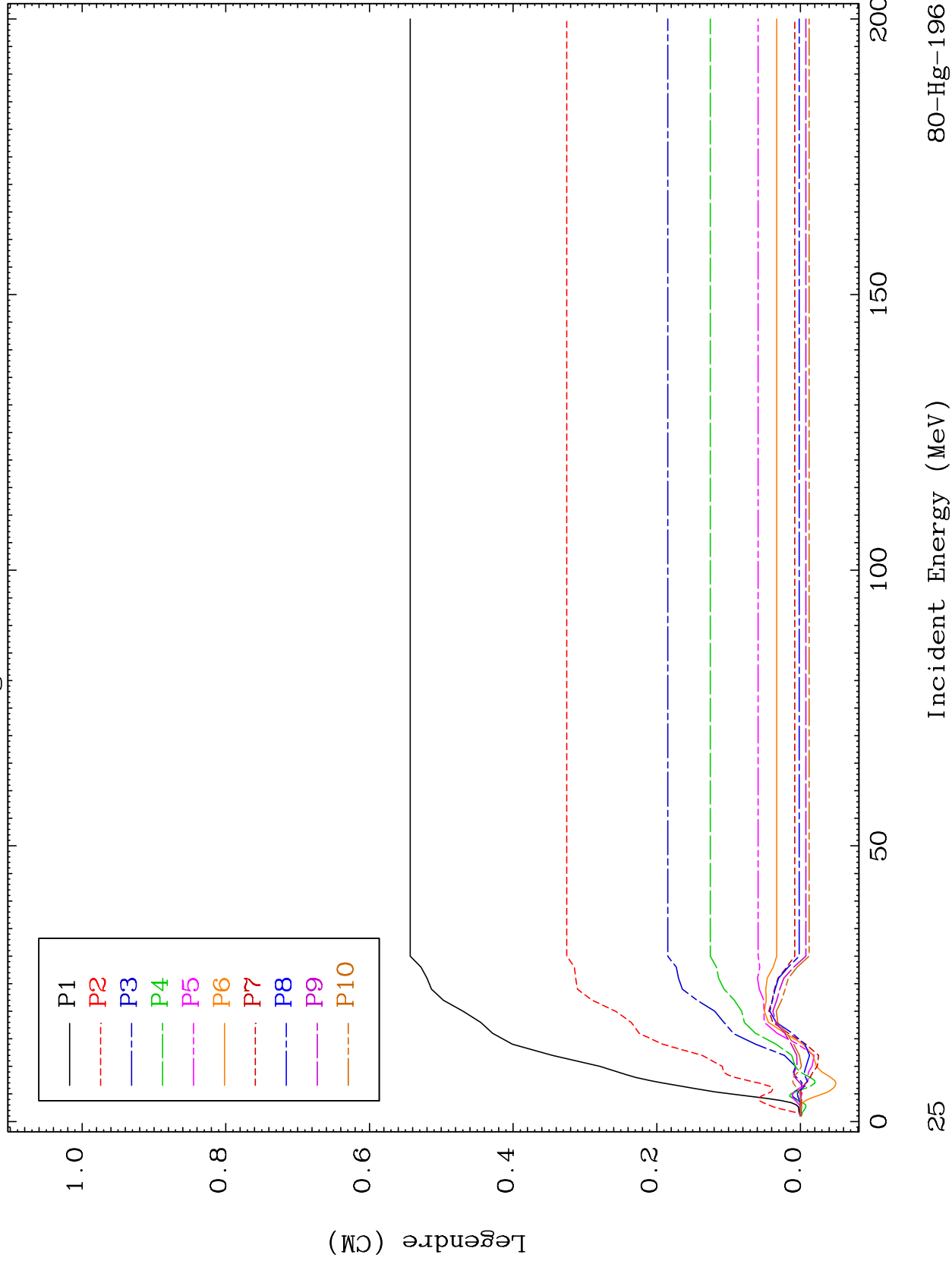
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



80-Hg-196

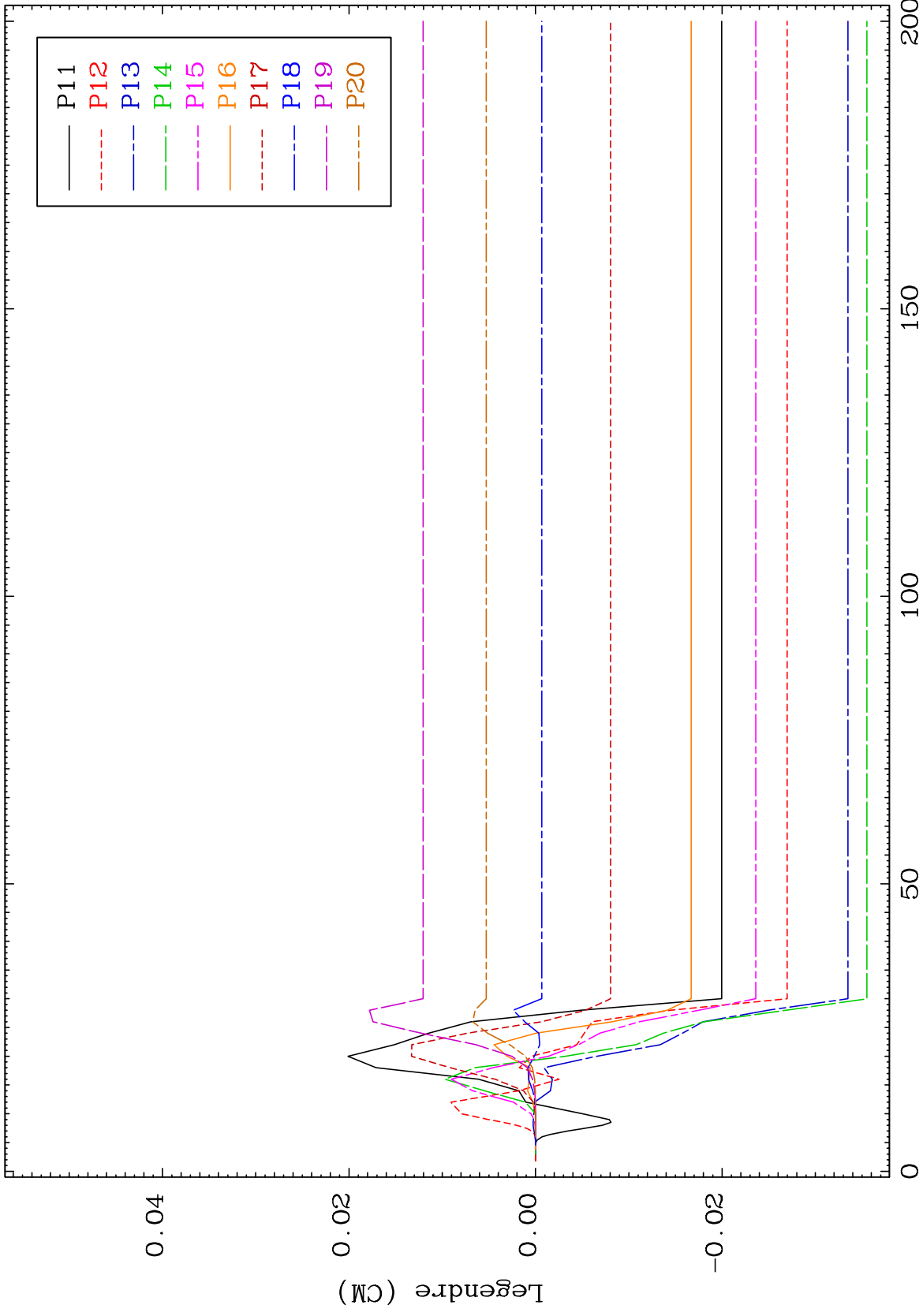
Incident Energy (MeV)

25

MAT 8025

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

80-Hg-196



26

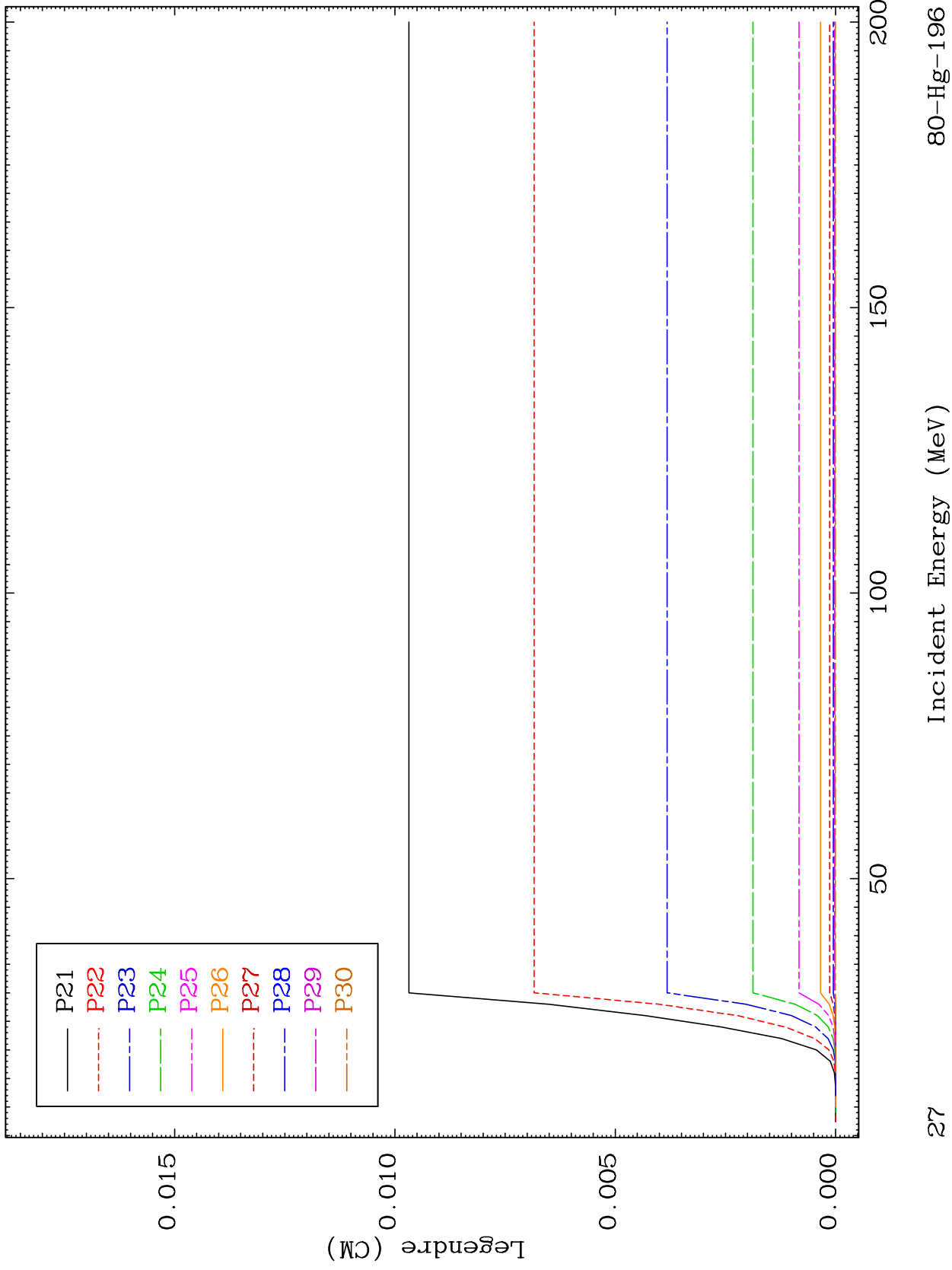
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



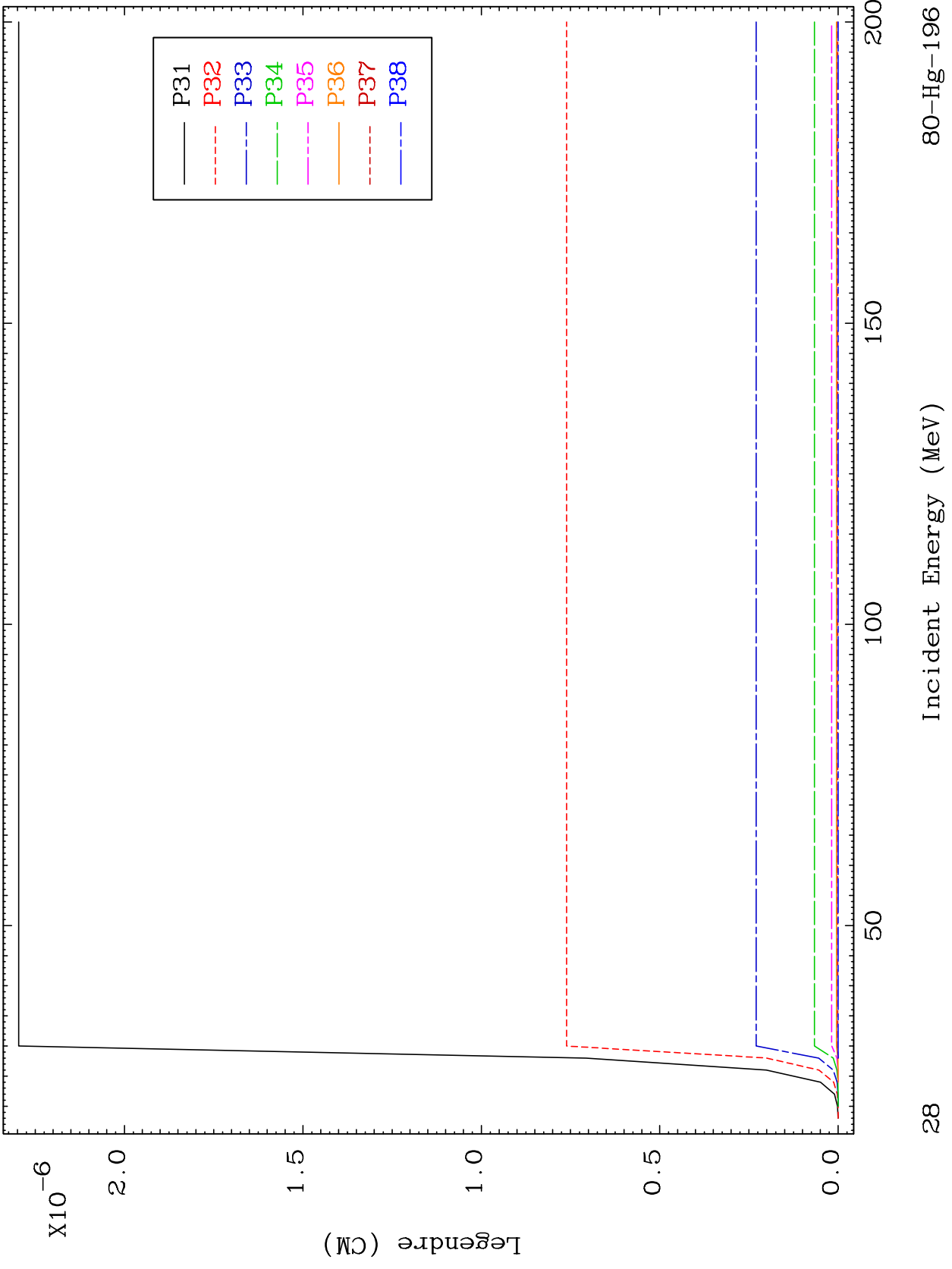
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80-Hg-196

MAT 8025

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

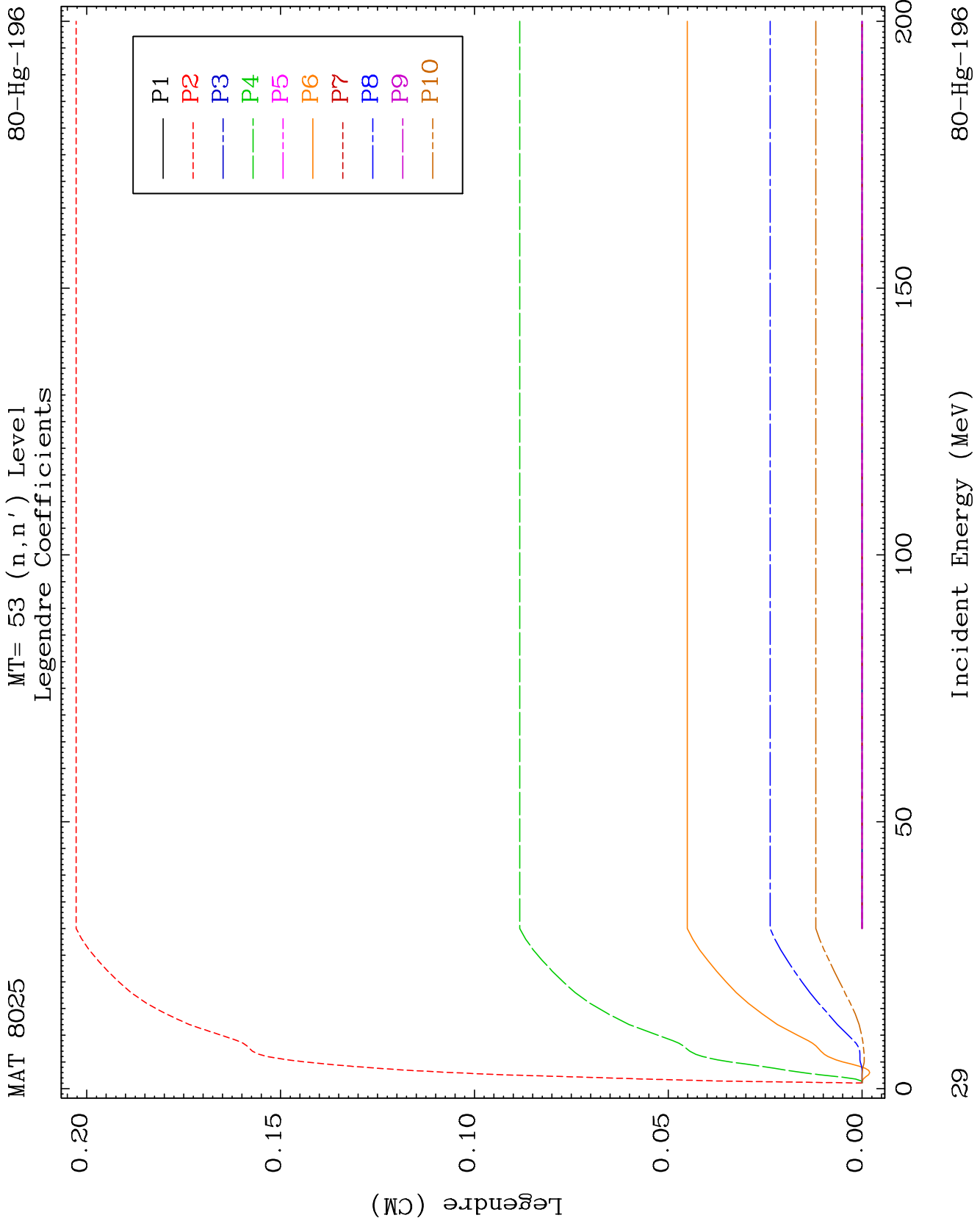
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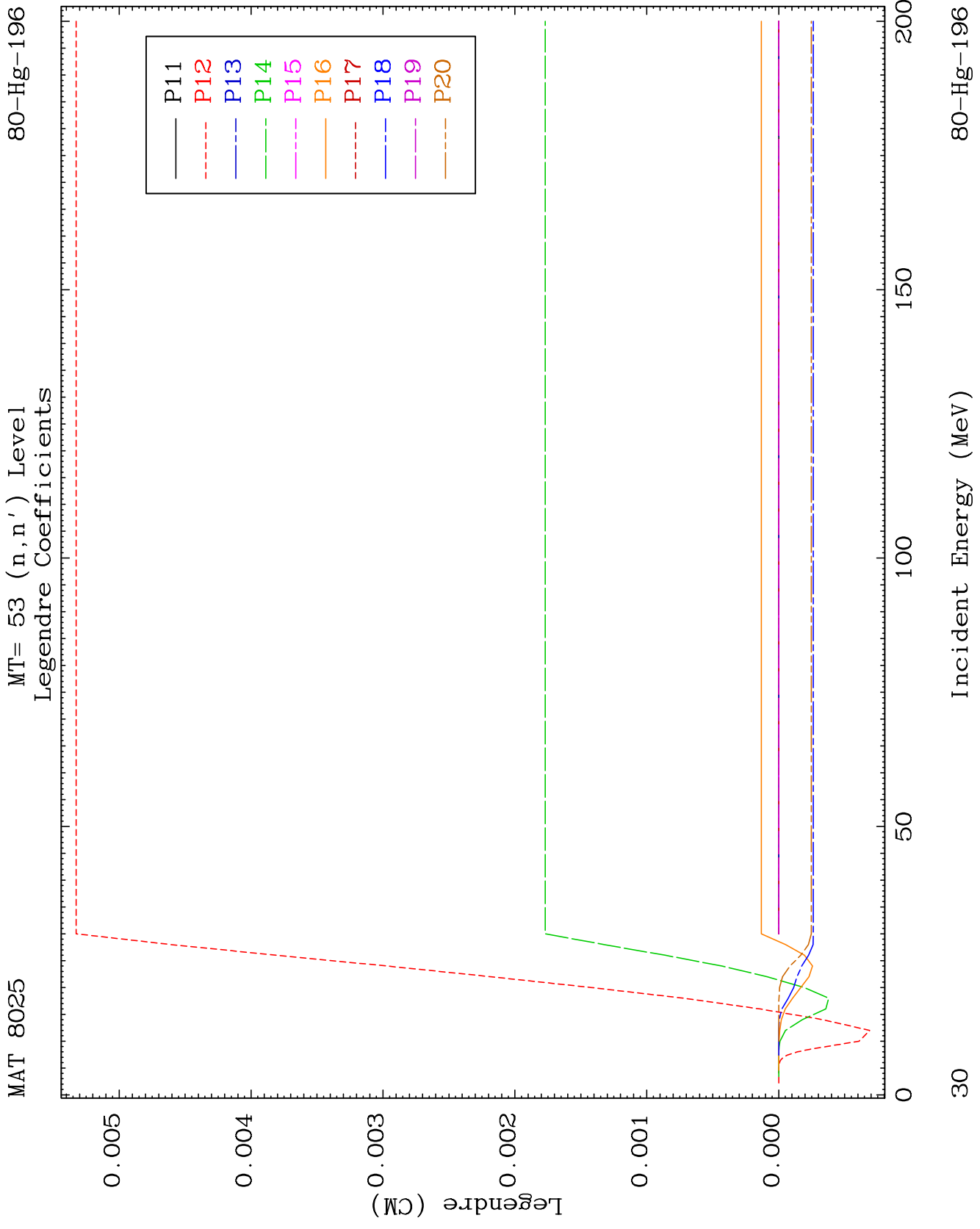


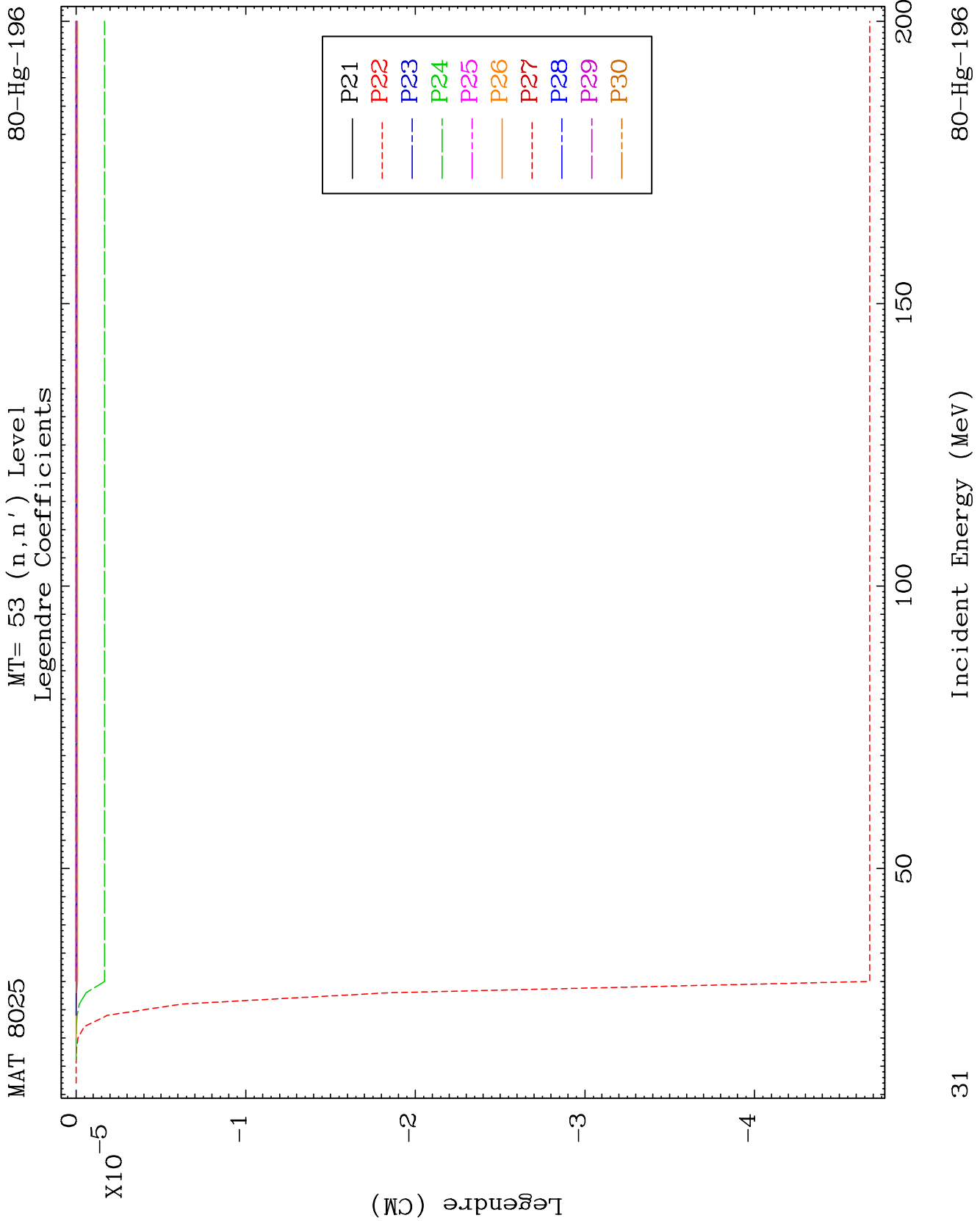
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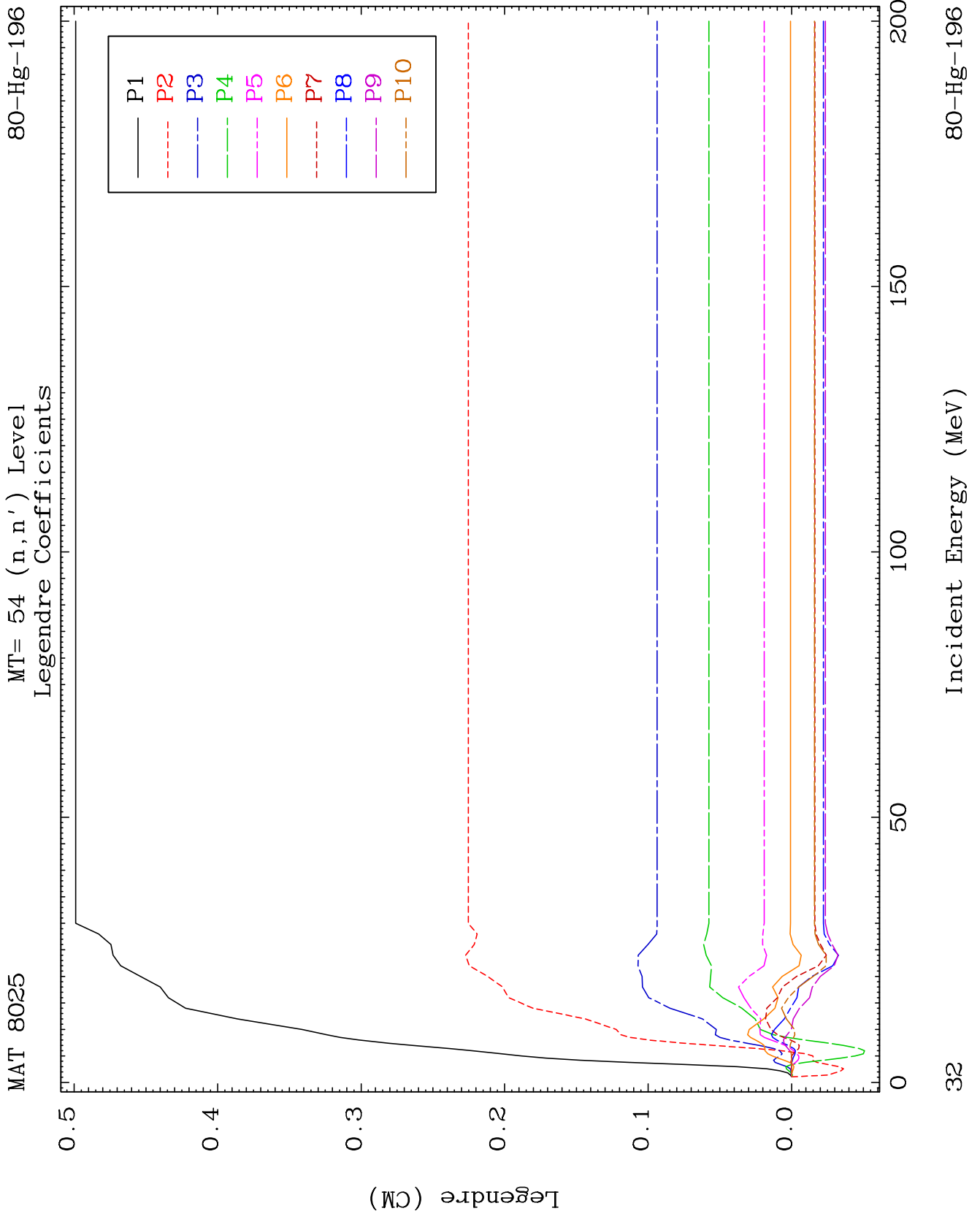
Incident Energy (MeV)

80-Hg-196





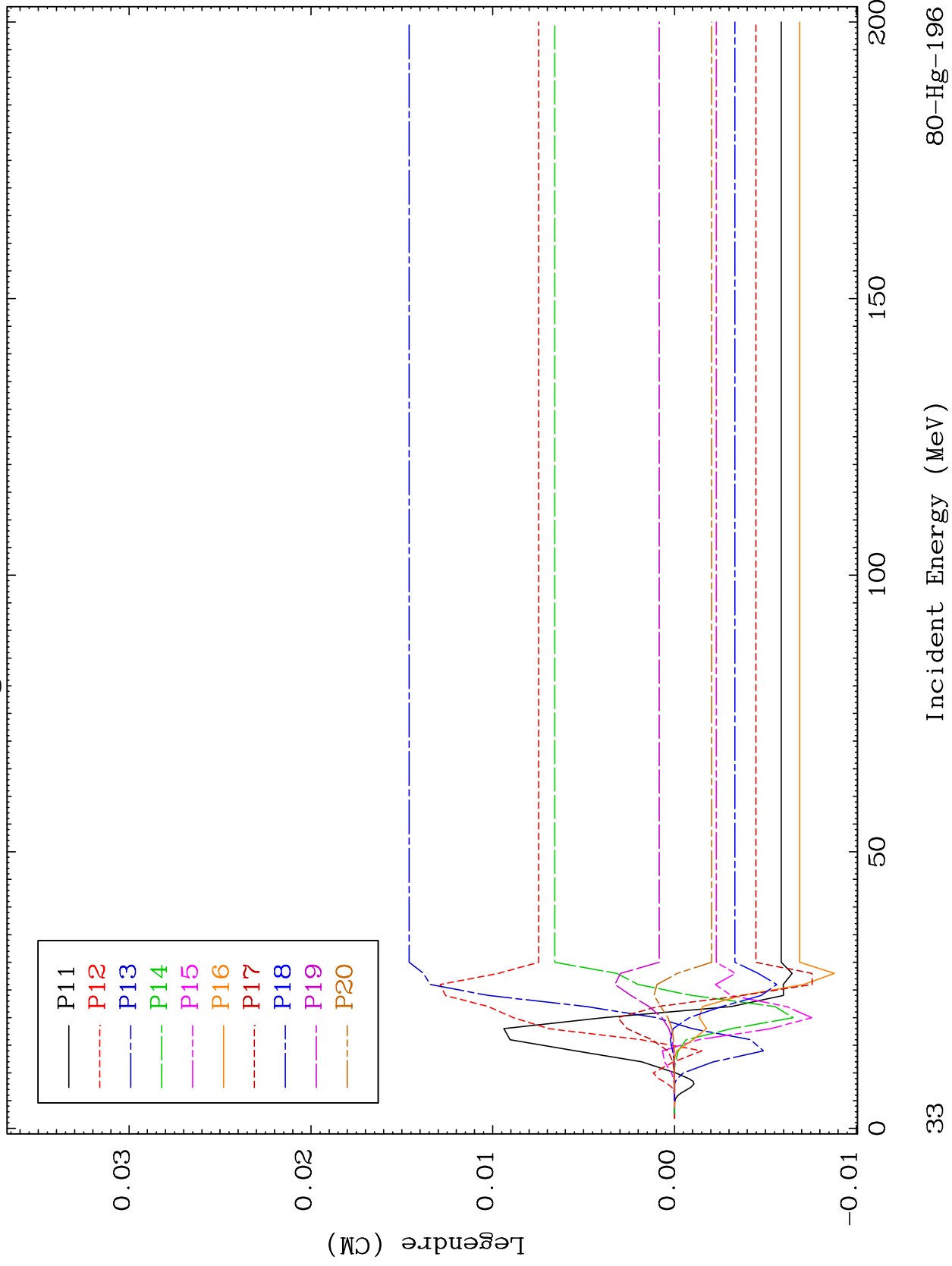




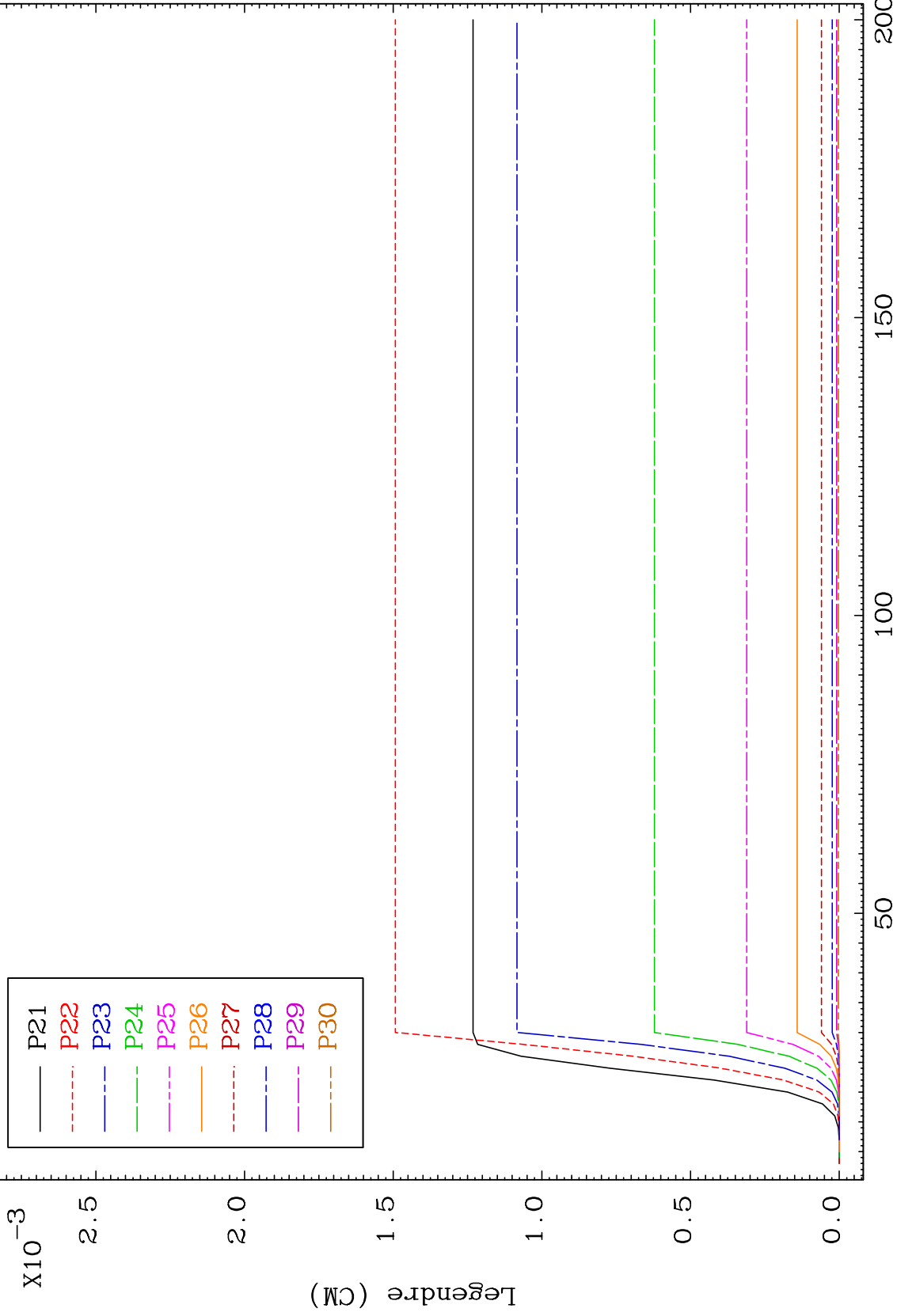
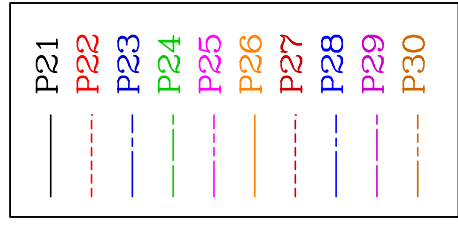
MAT 8025

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

80-Hg-196



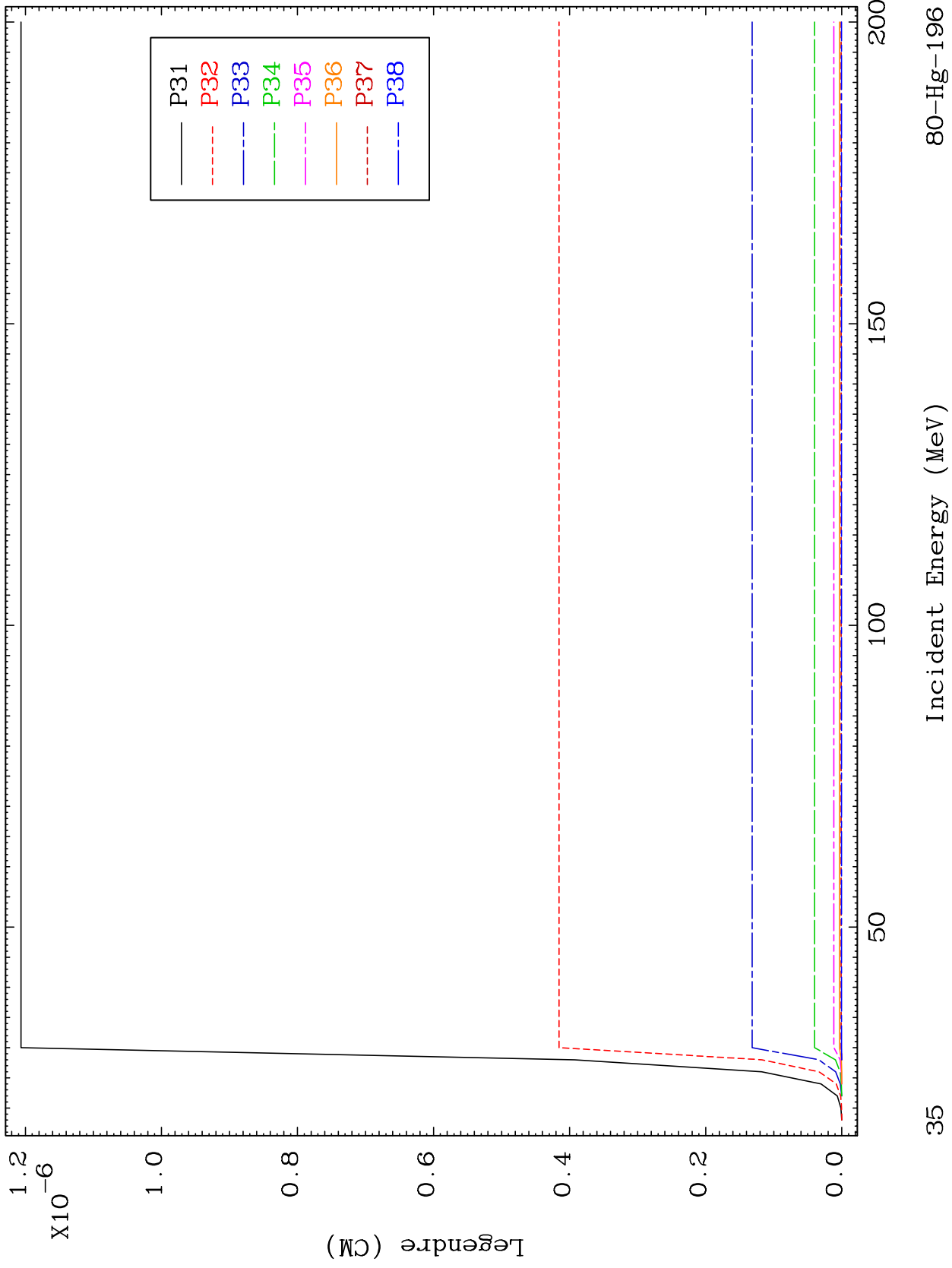
33



MAT 8025

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

80-Hg-196



35

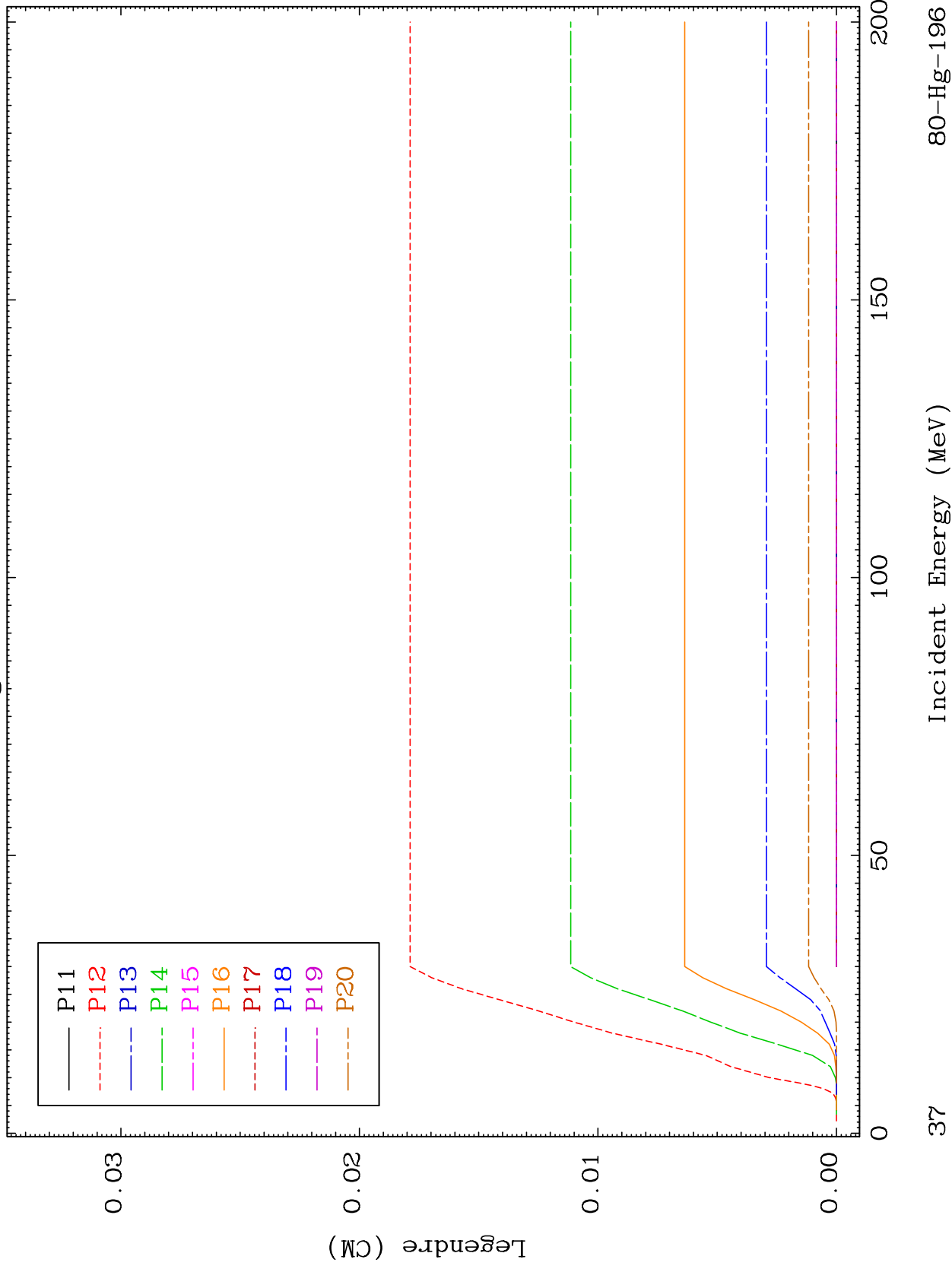
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



37

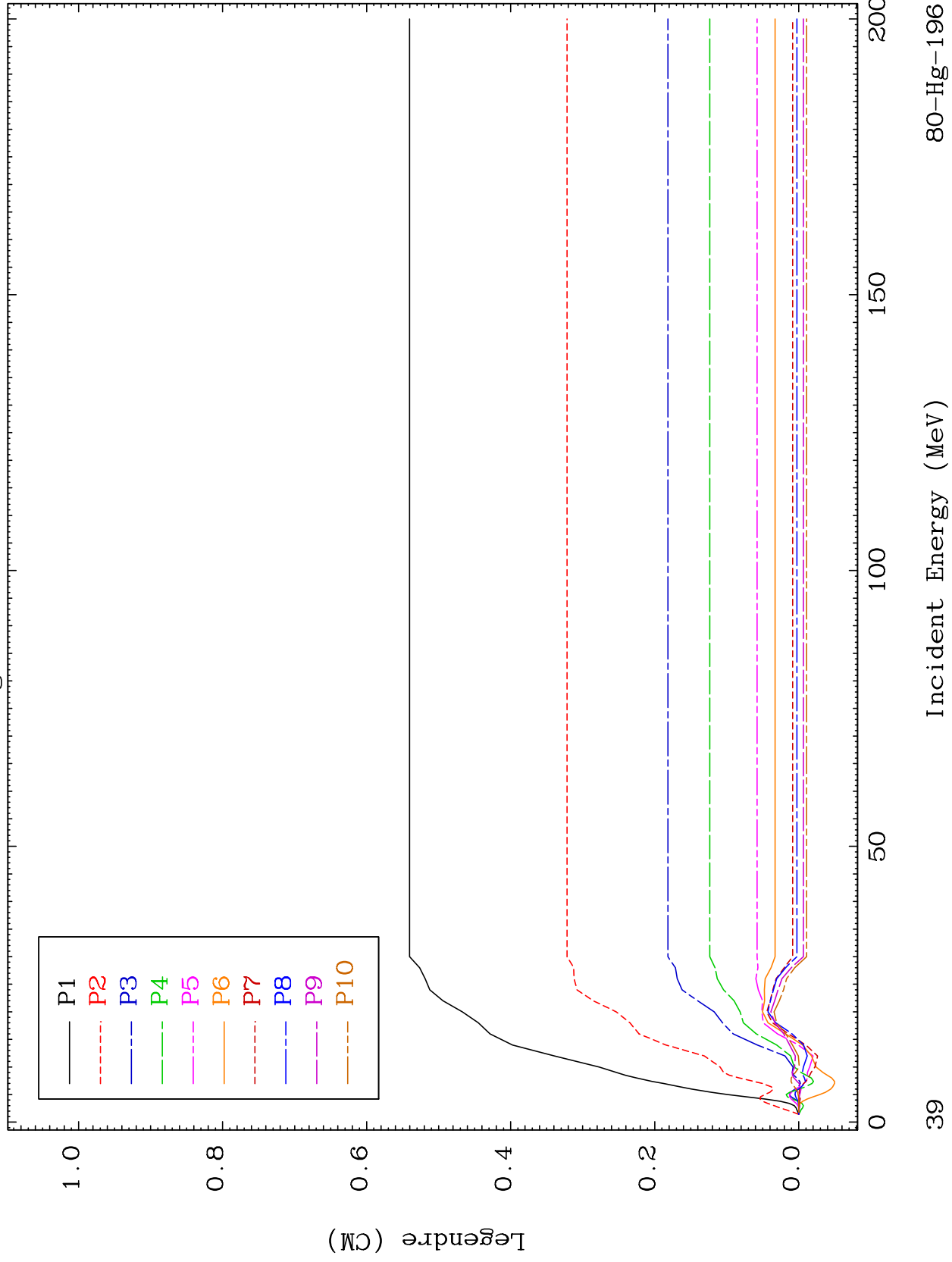
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

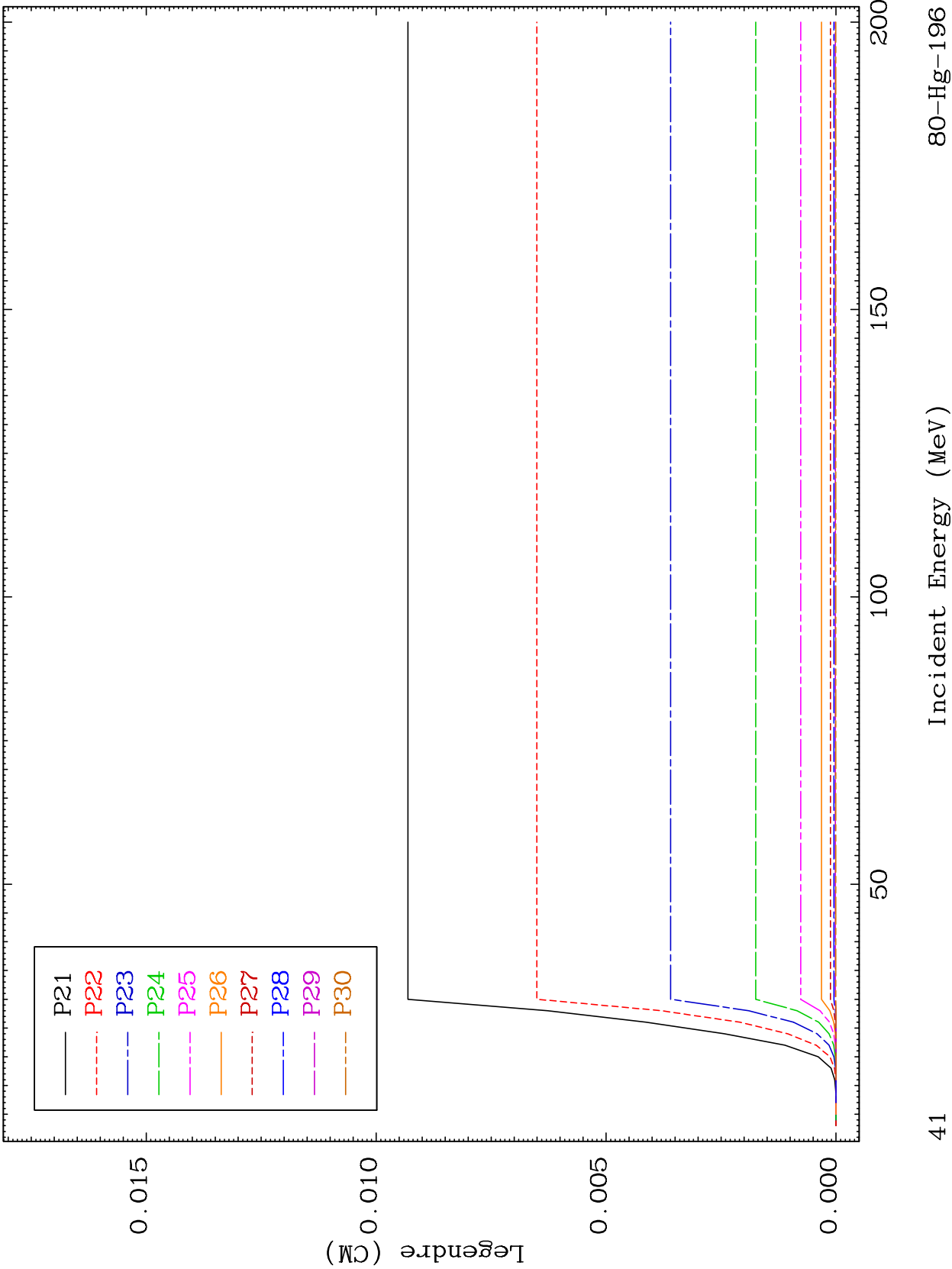
80-Hg-196



MAT 8025

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

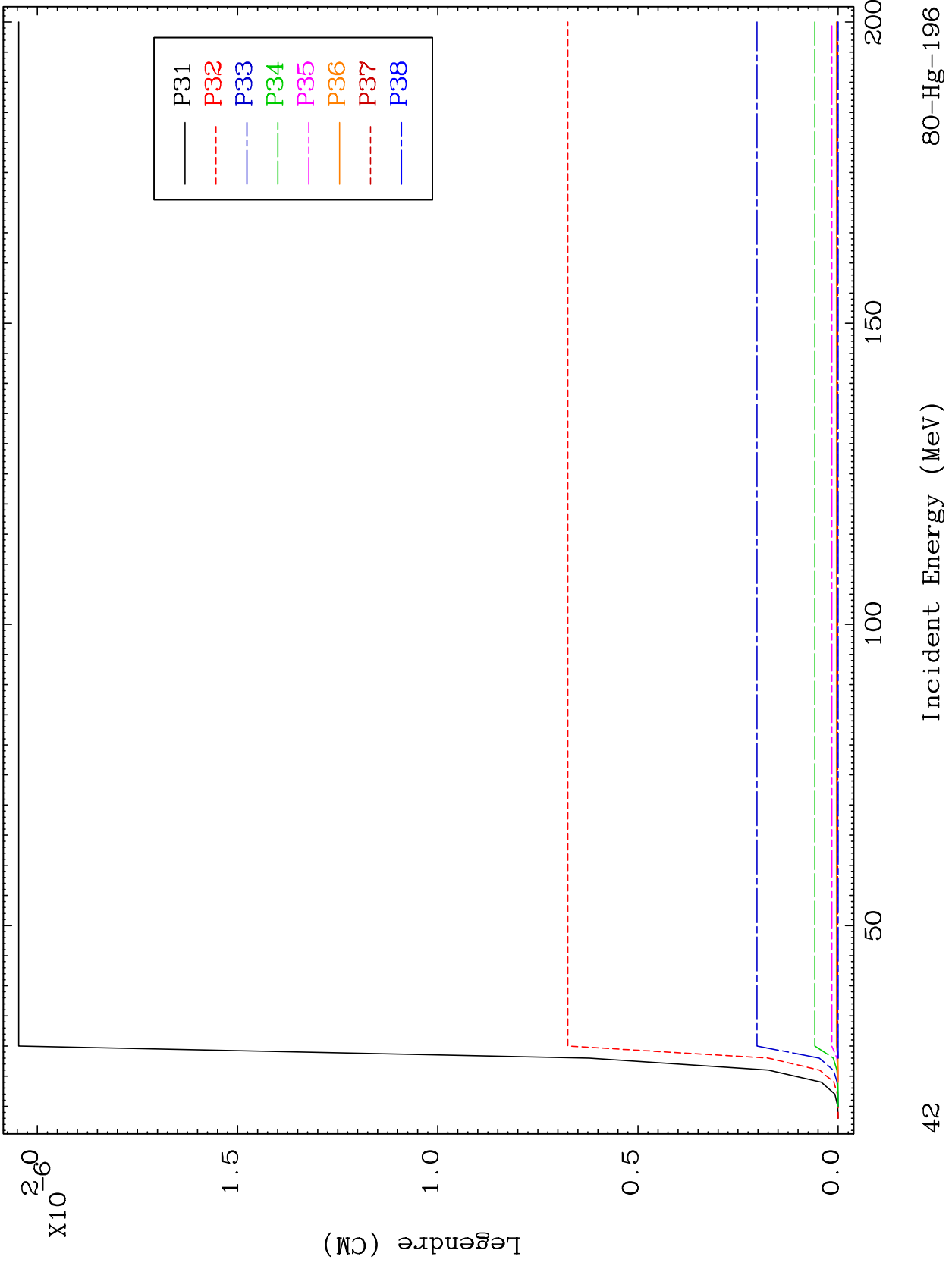
80-Hg-196



MAT 8025

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

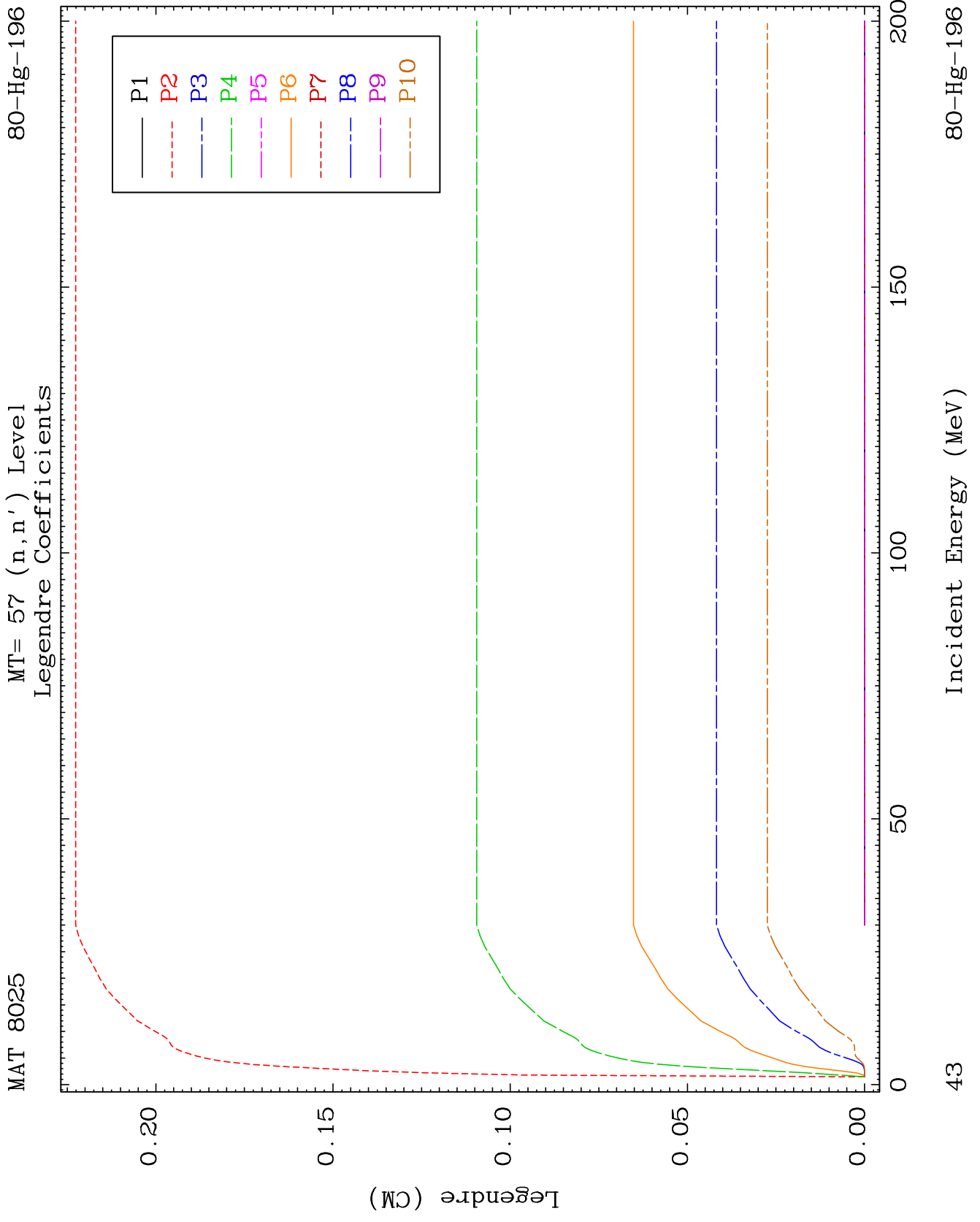
80-Hg-196



42

Incident Energy (MeV)

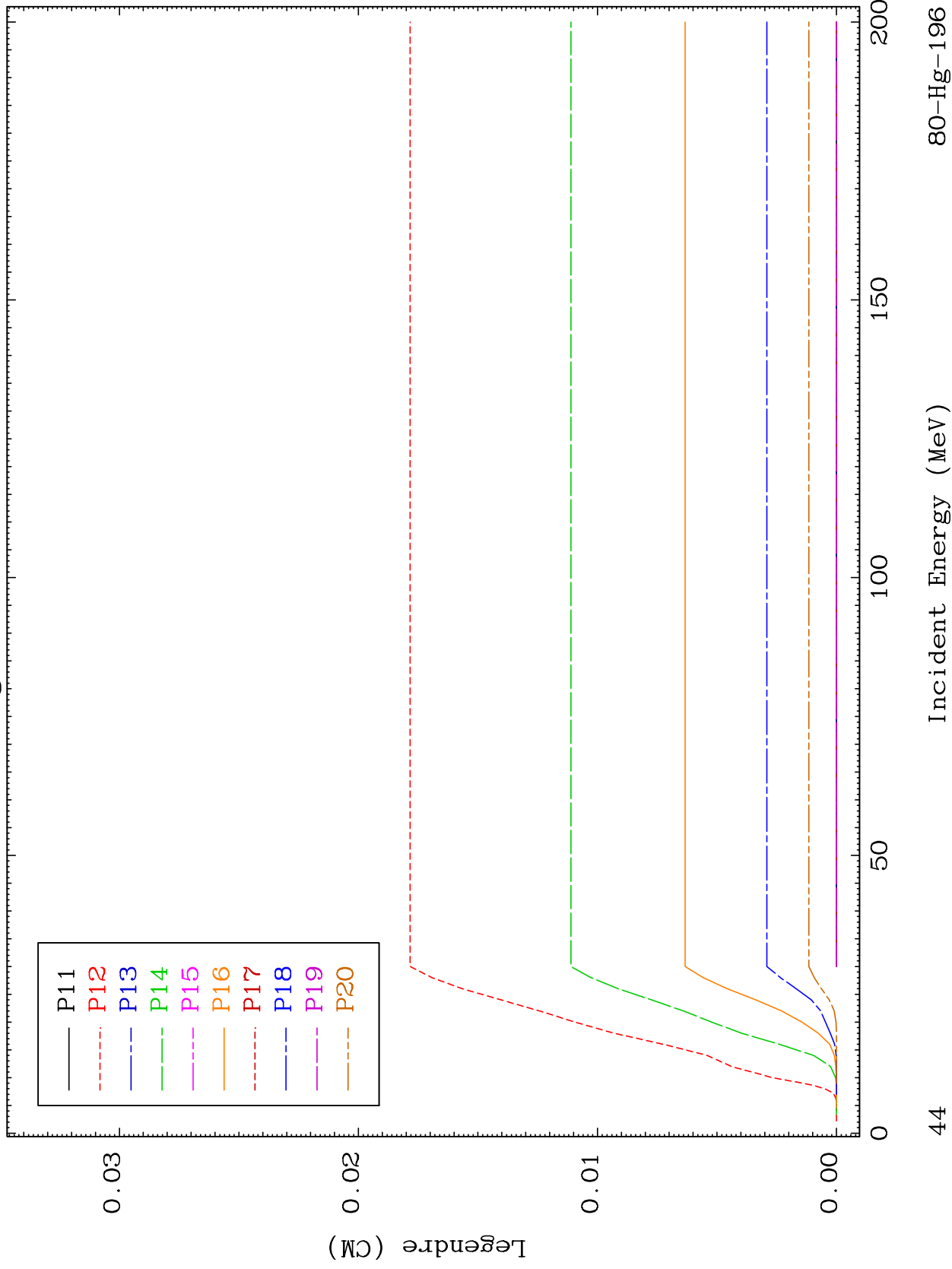
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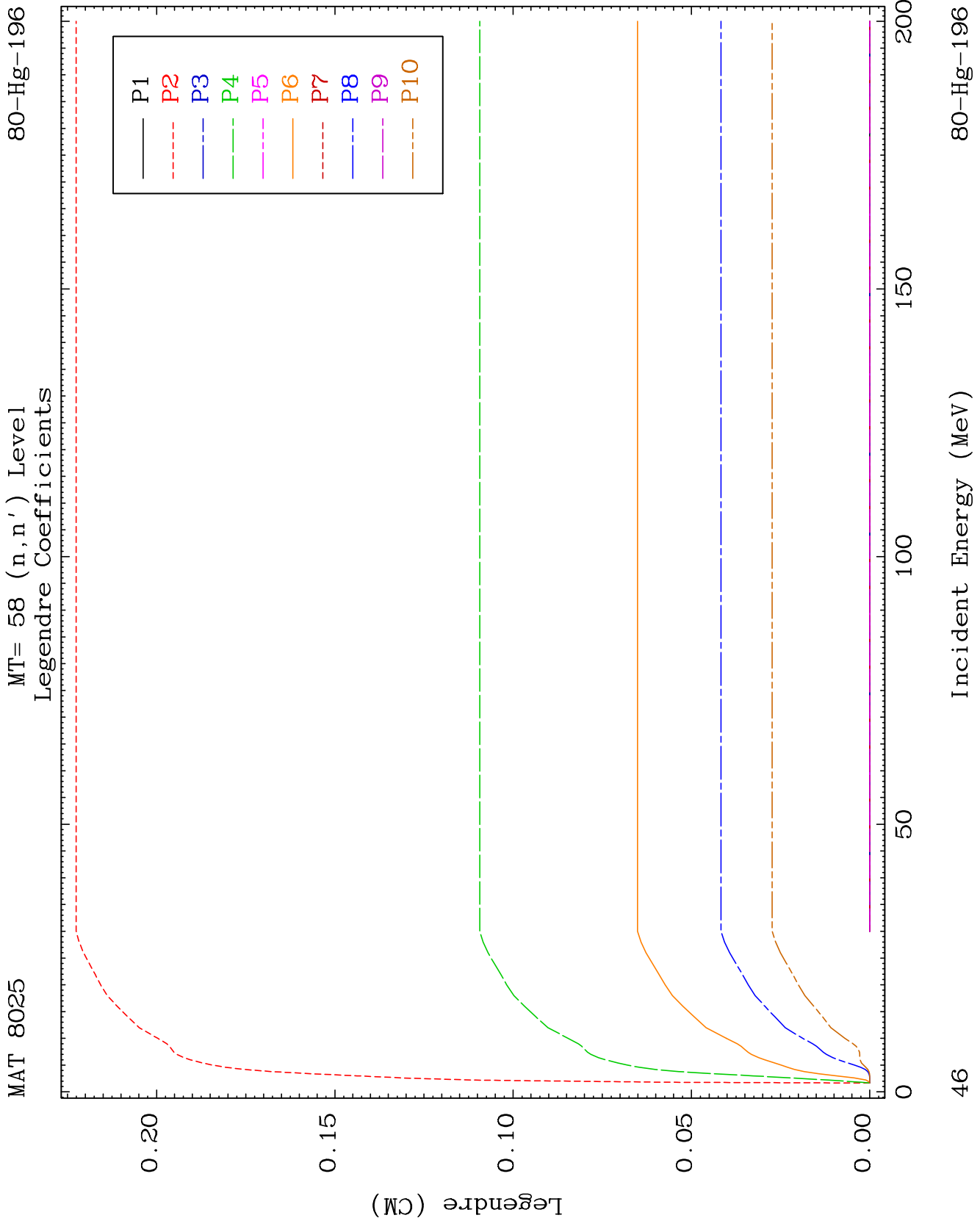
MAT 8025

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

80-Hg-196



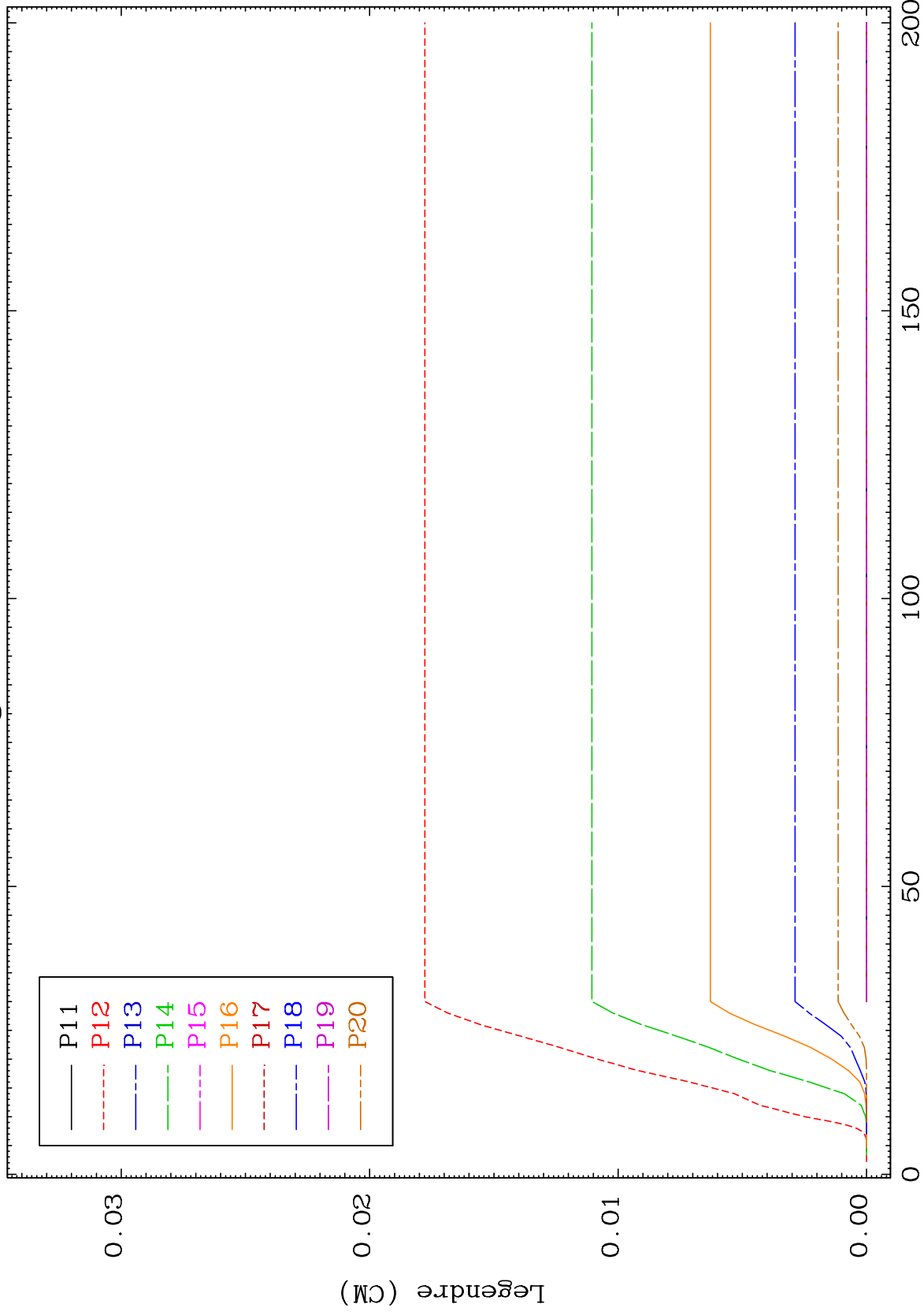
44



MAT 8025

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

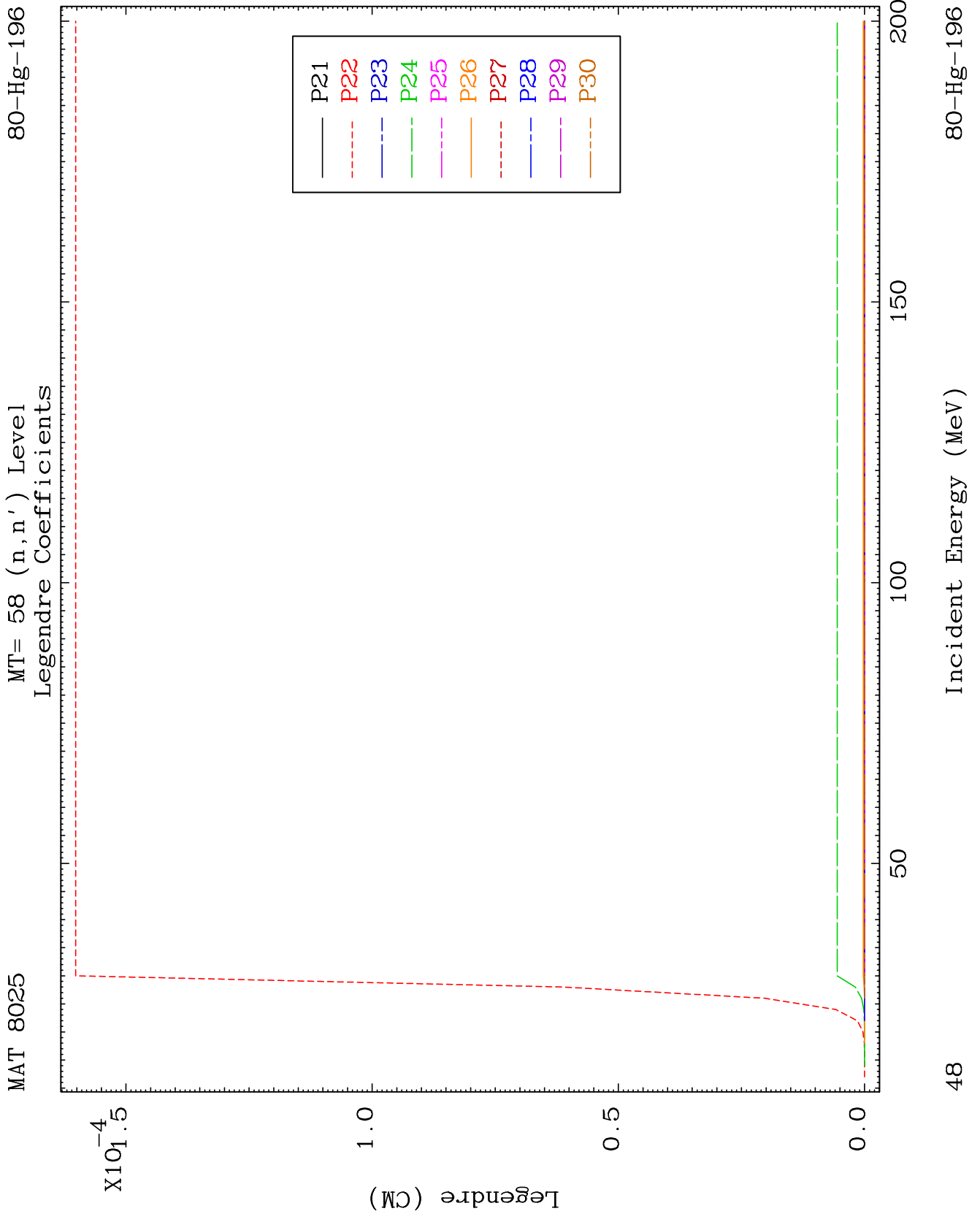
80-Hg-196



47

Incident Energy (MeV)

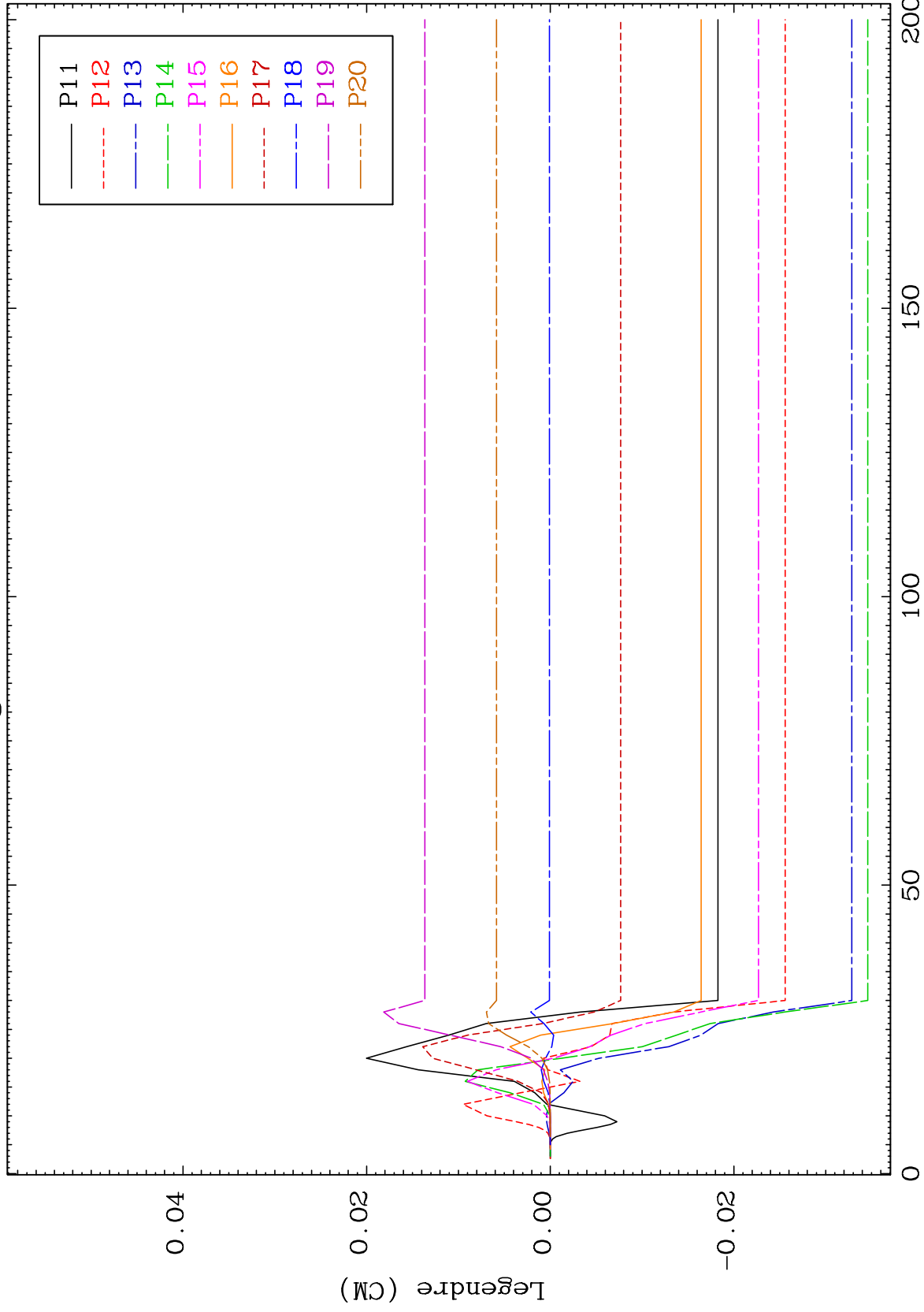
80-Hg-196



MAT 8025

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

80-Hg-196



80-Hg-196

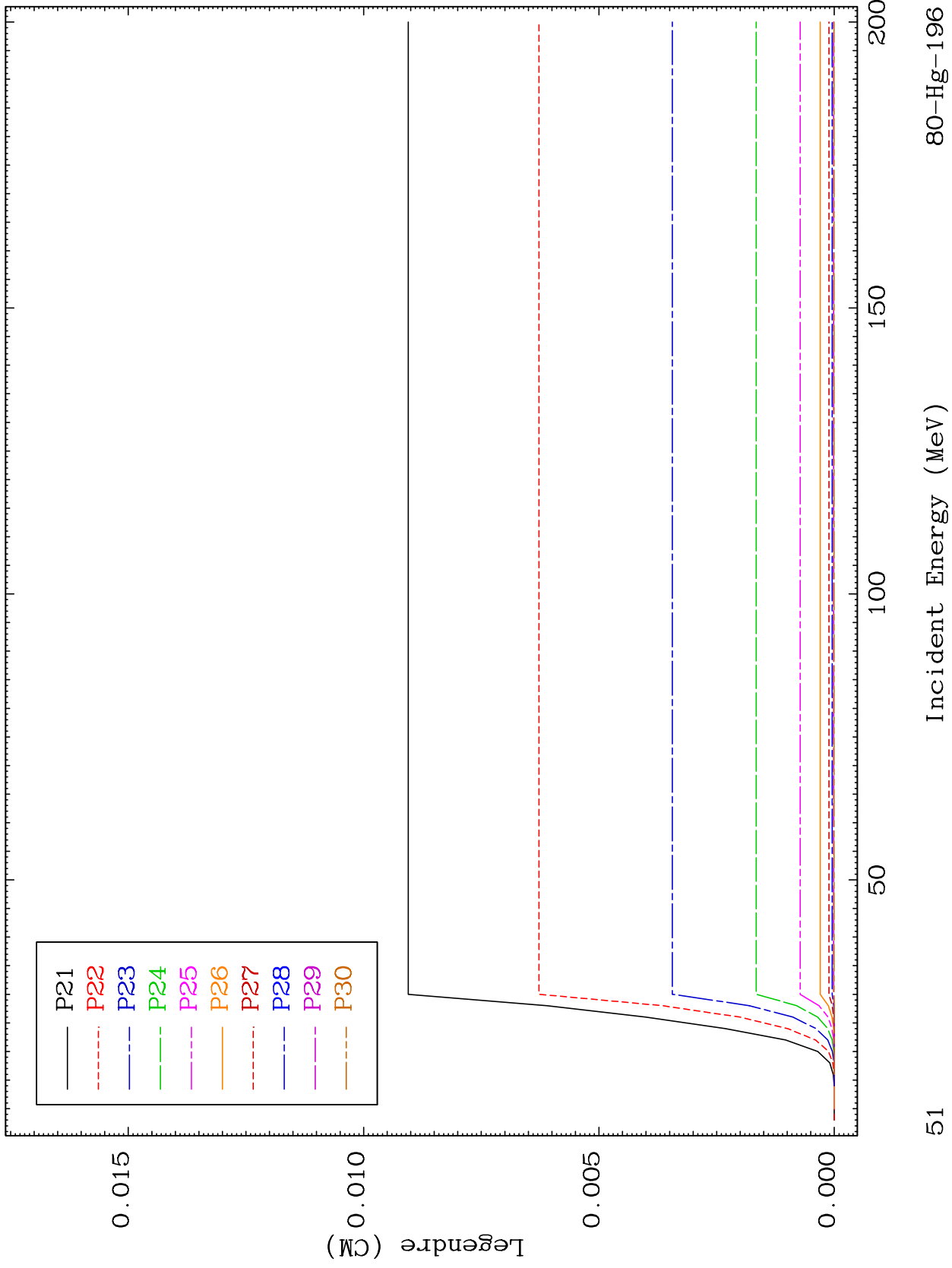
Incident Energy (MeV)

50

MAT 8025

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

80-Hg-196



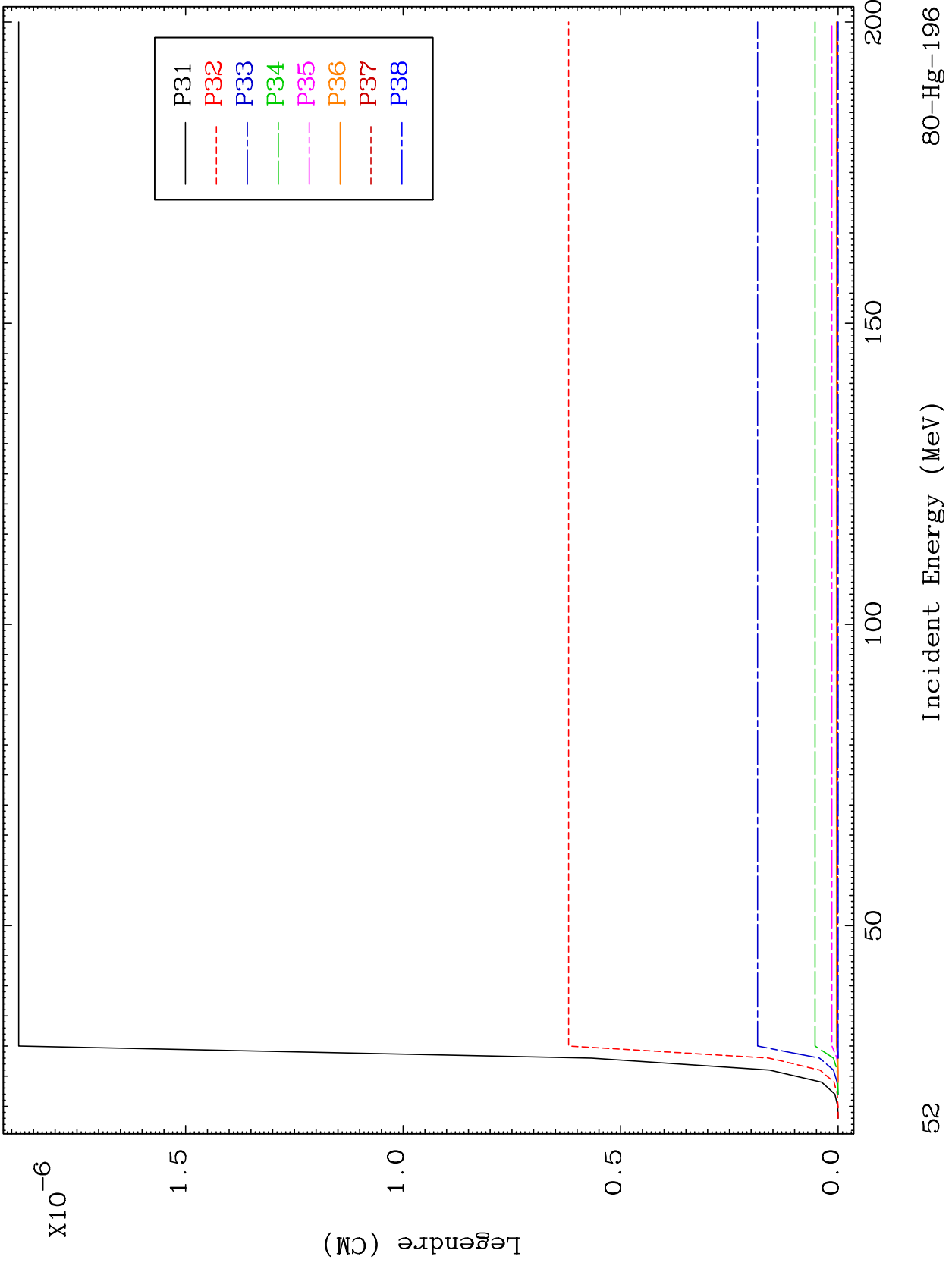
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80-Hg-196

MAT 8025

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

80-Hg-196



52

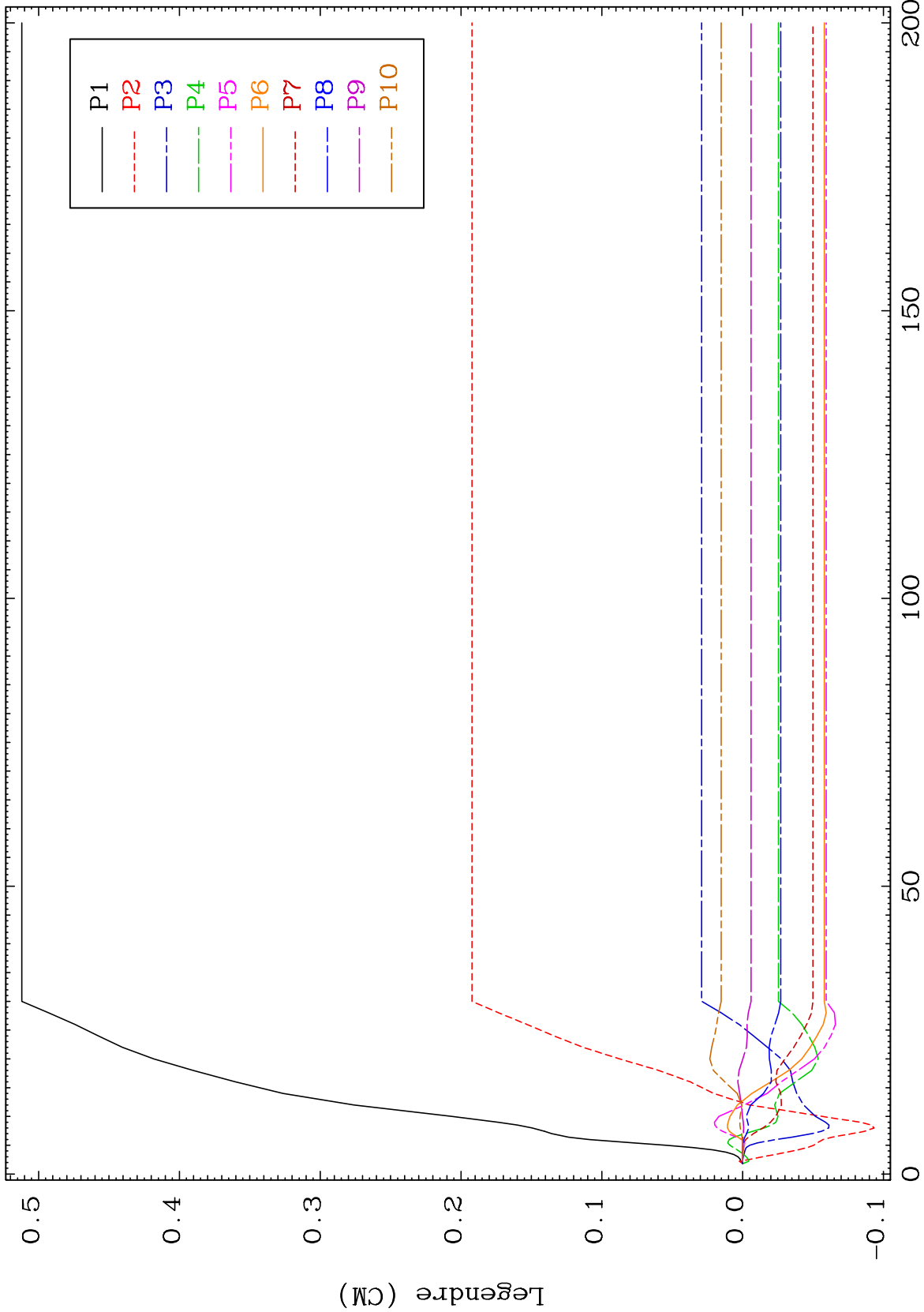
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

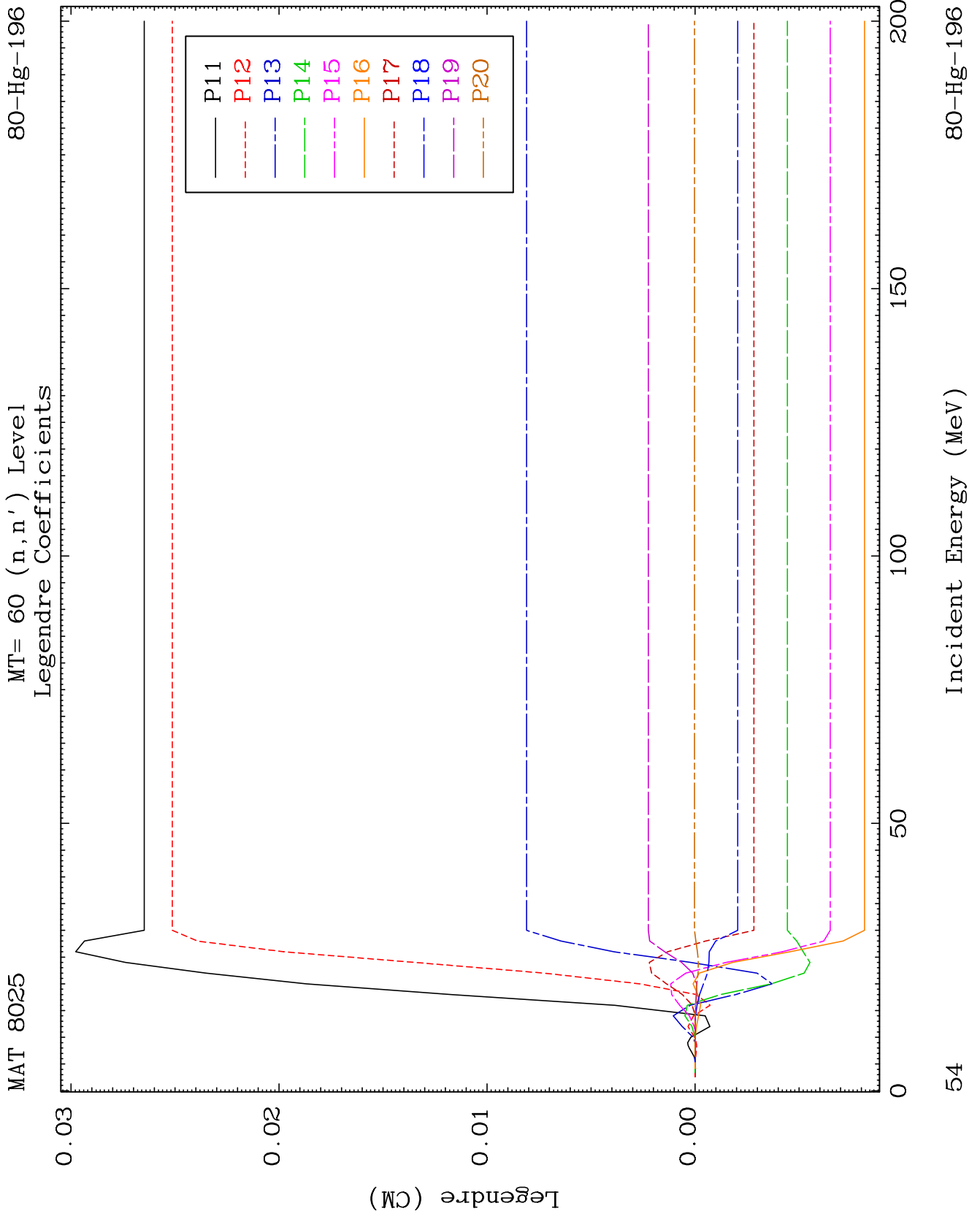
80-Hg-196



80-Hg-196

Incident Energy (MeV)

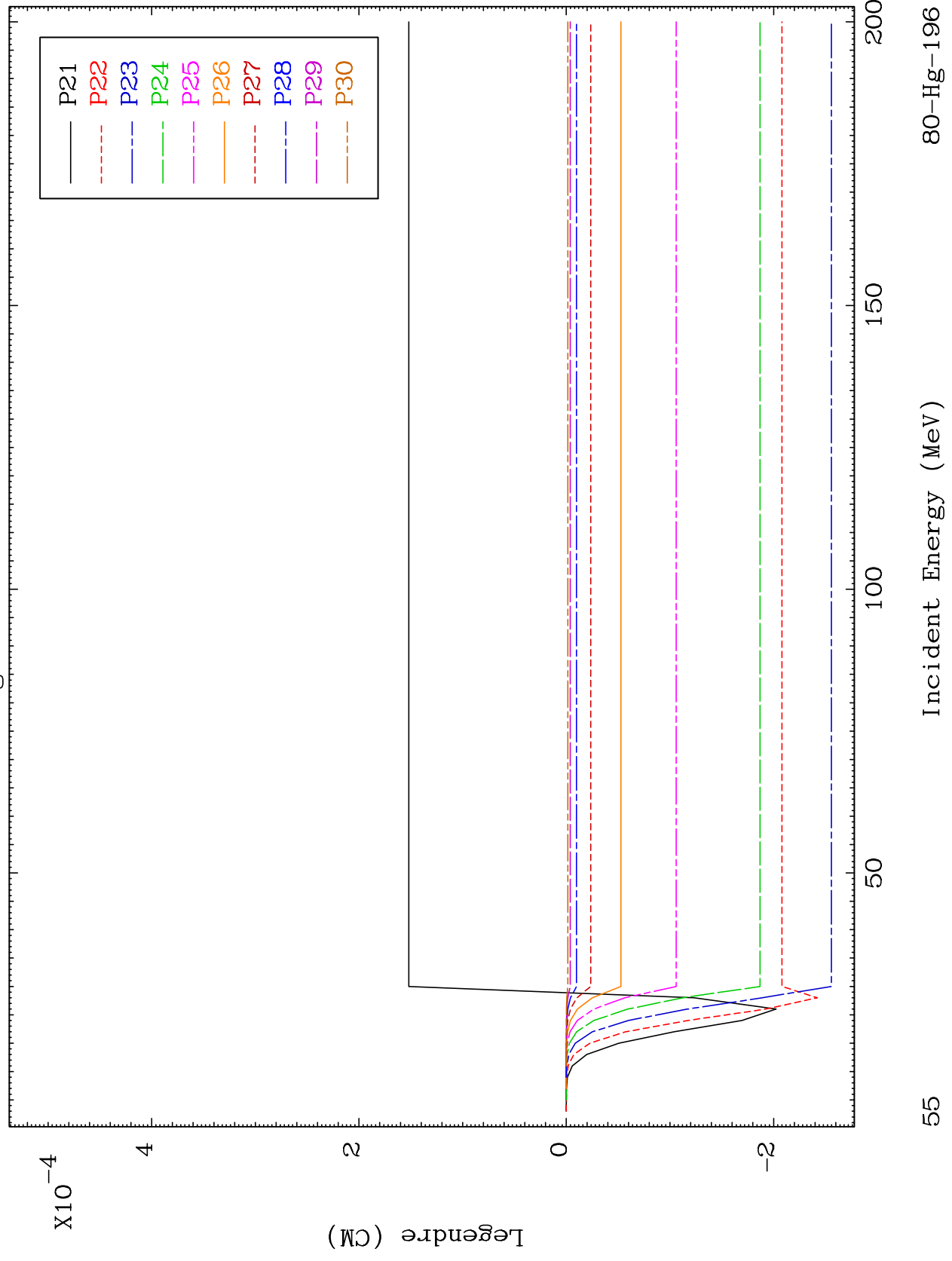
53



MAT 8025

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

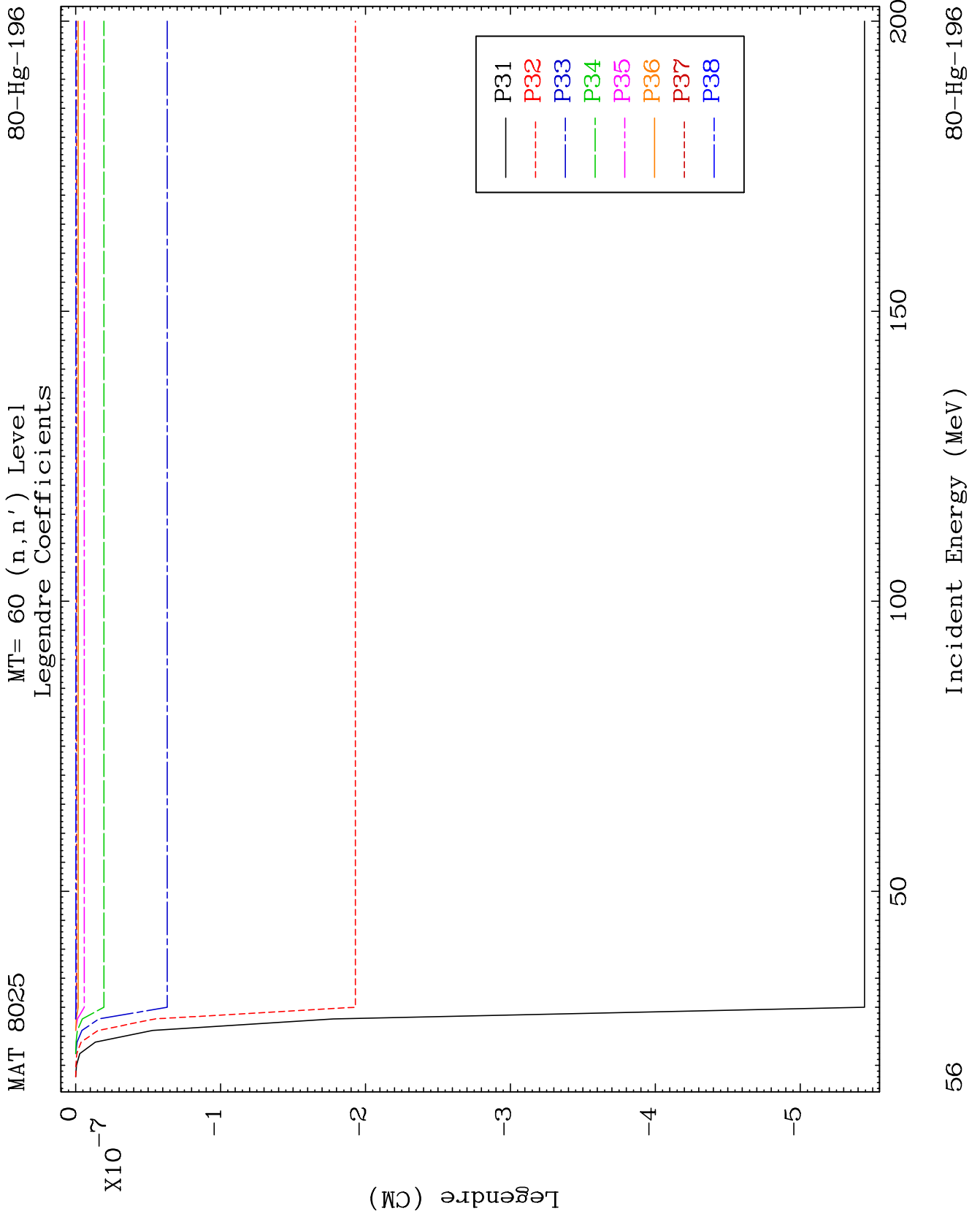
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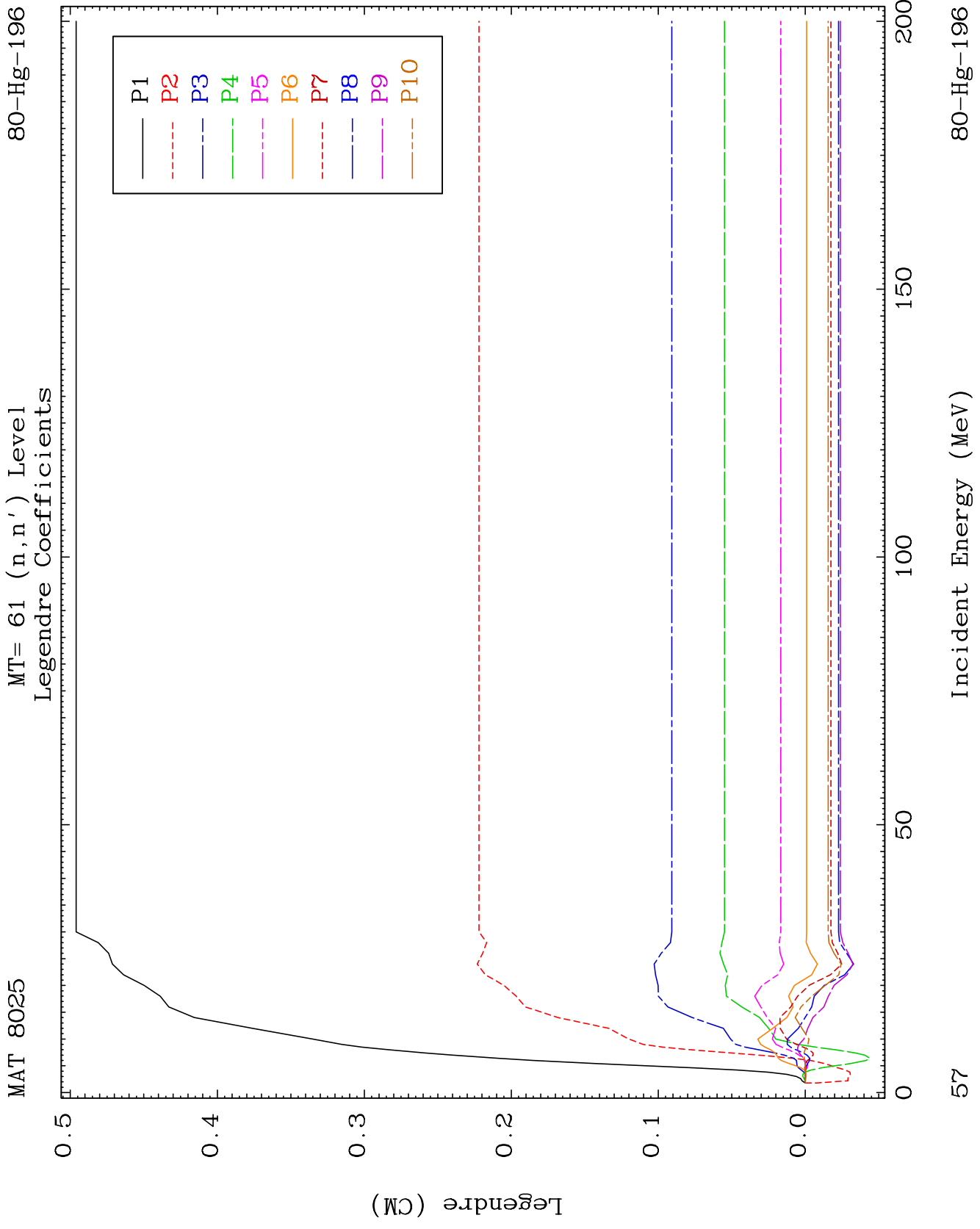


55

Incident Energy (MeV)

80-Hg-196

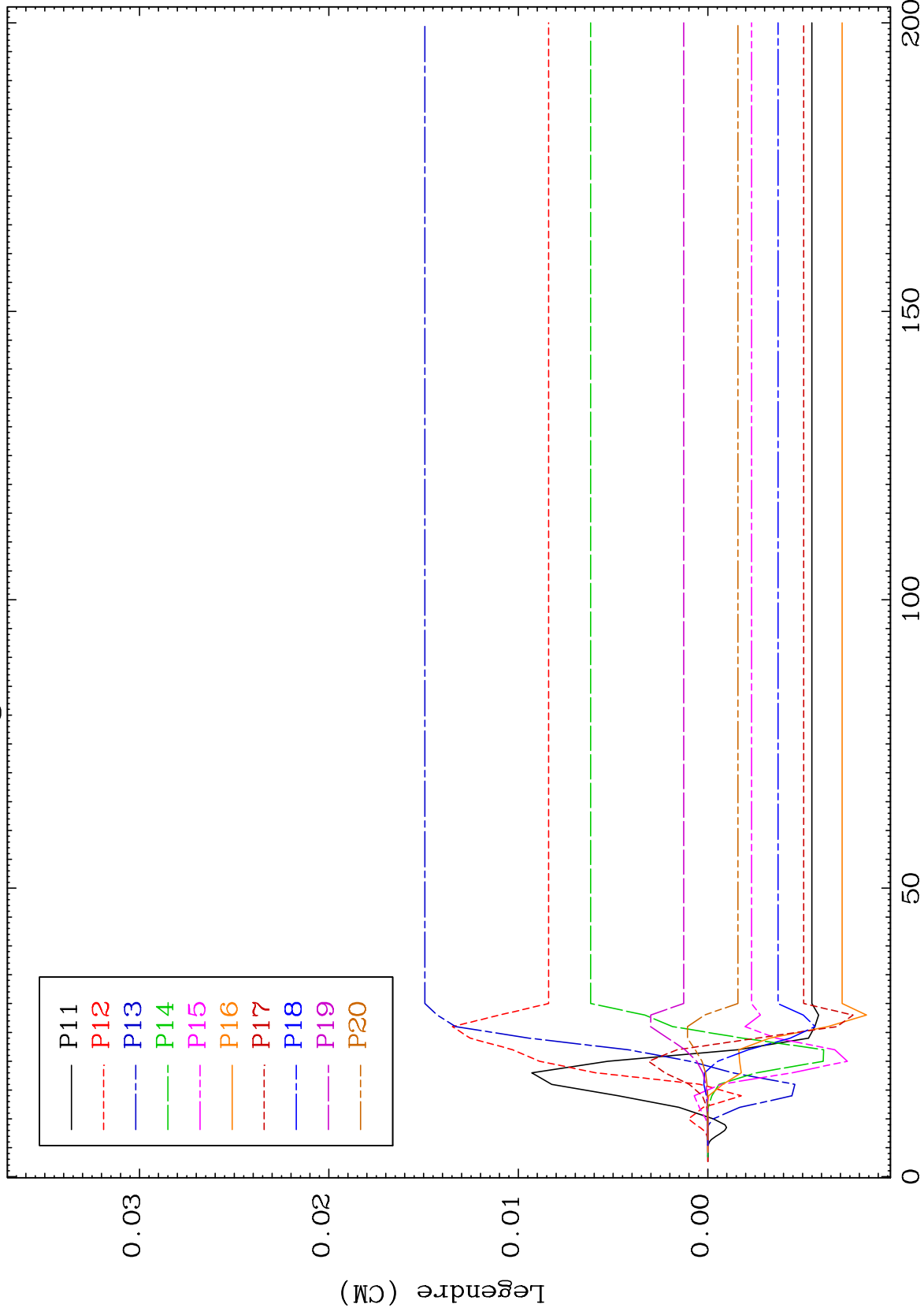




MAT 8025

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

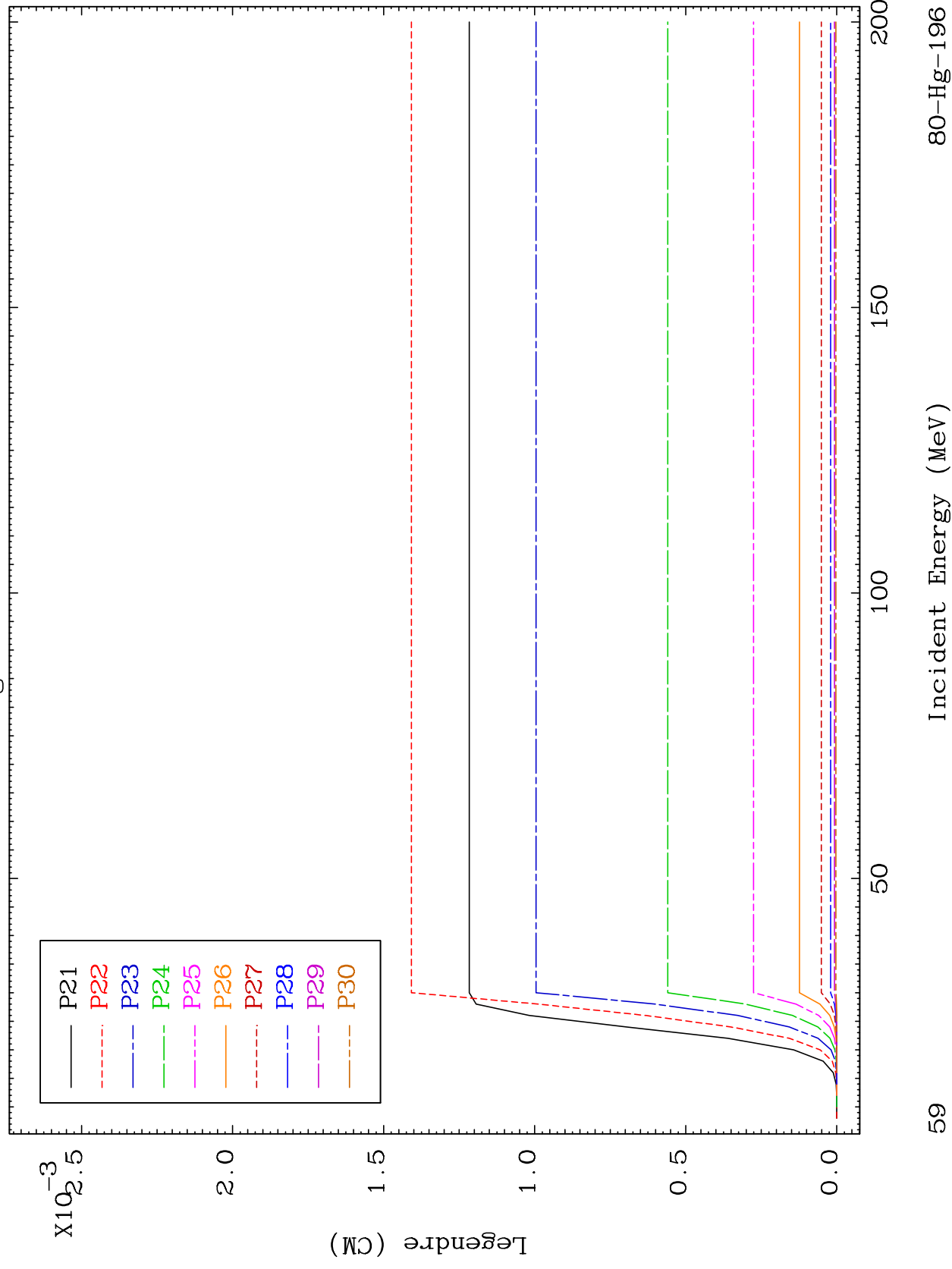
80-Hg-196



58

Incident Energy (MeV)

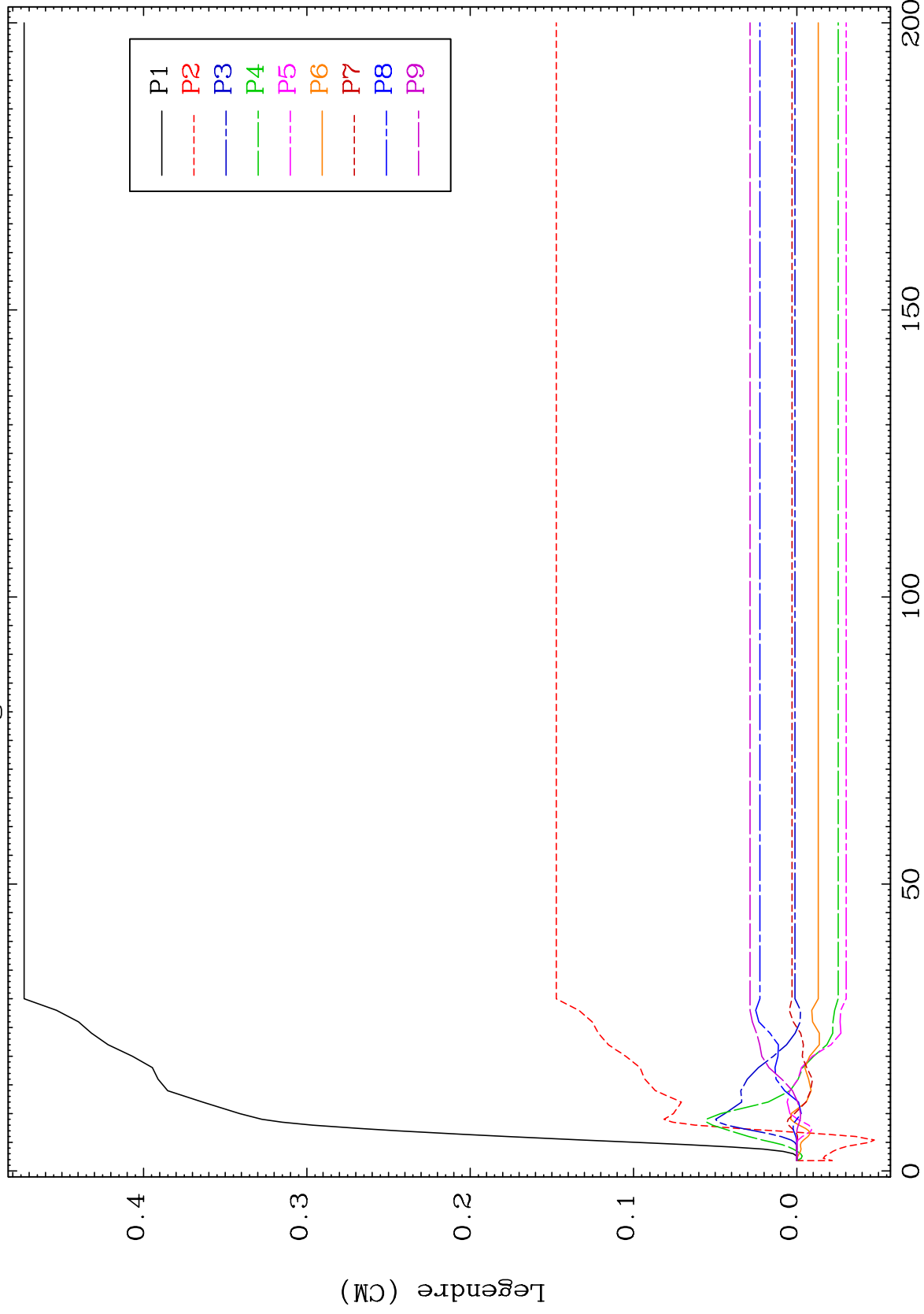
80-Hg-196



MAT 8025

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

80-Hg-196



61

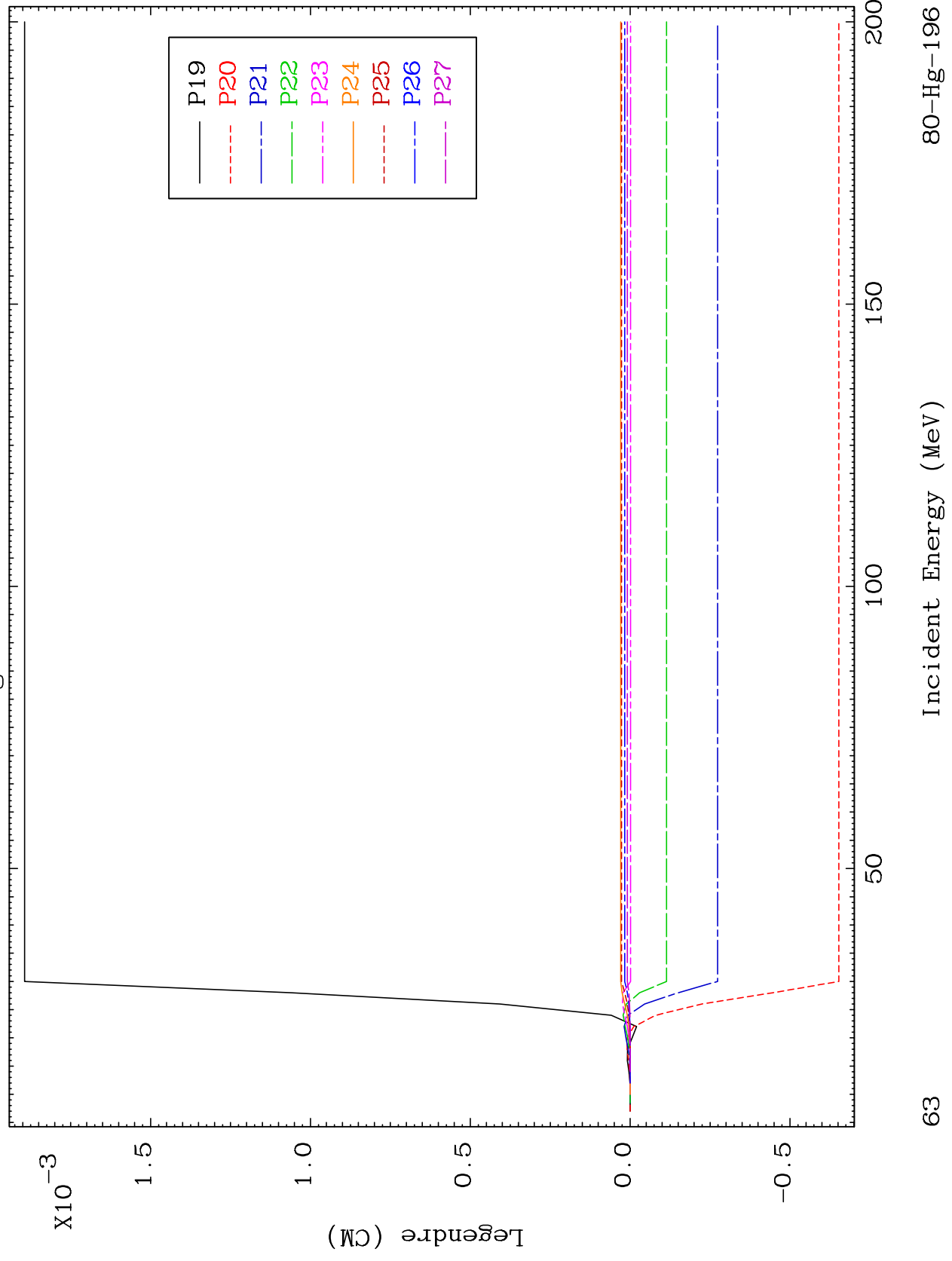
Incident Energy (MeV)

80-Hg-196

MAT 8025

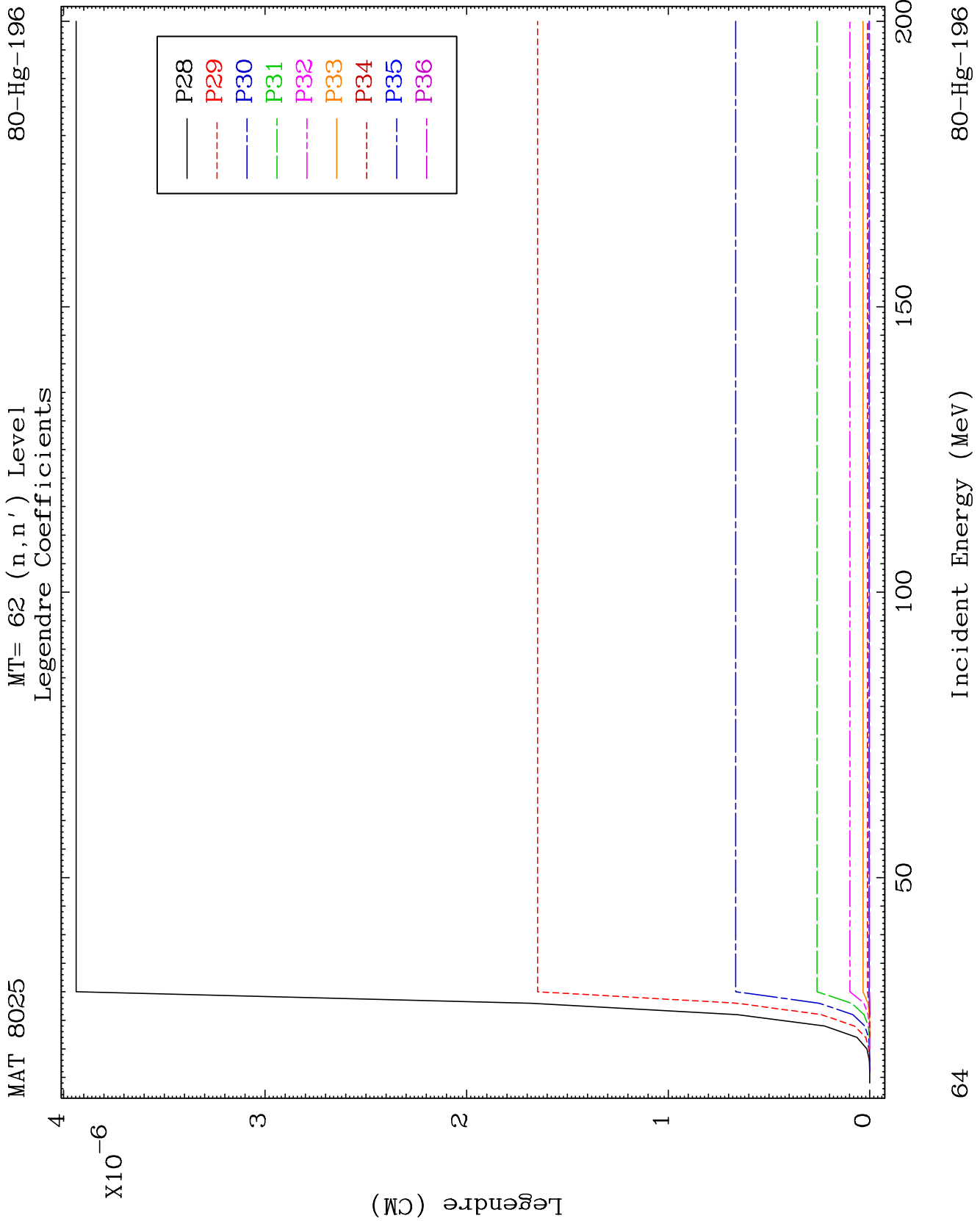
MT= 62 (n,n') Level
Legendre Coefficients

80-Hg-196



63

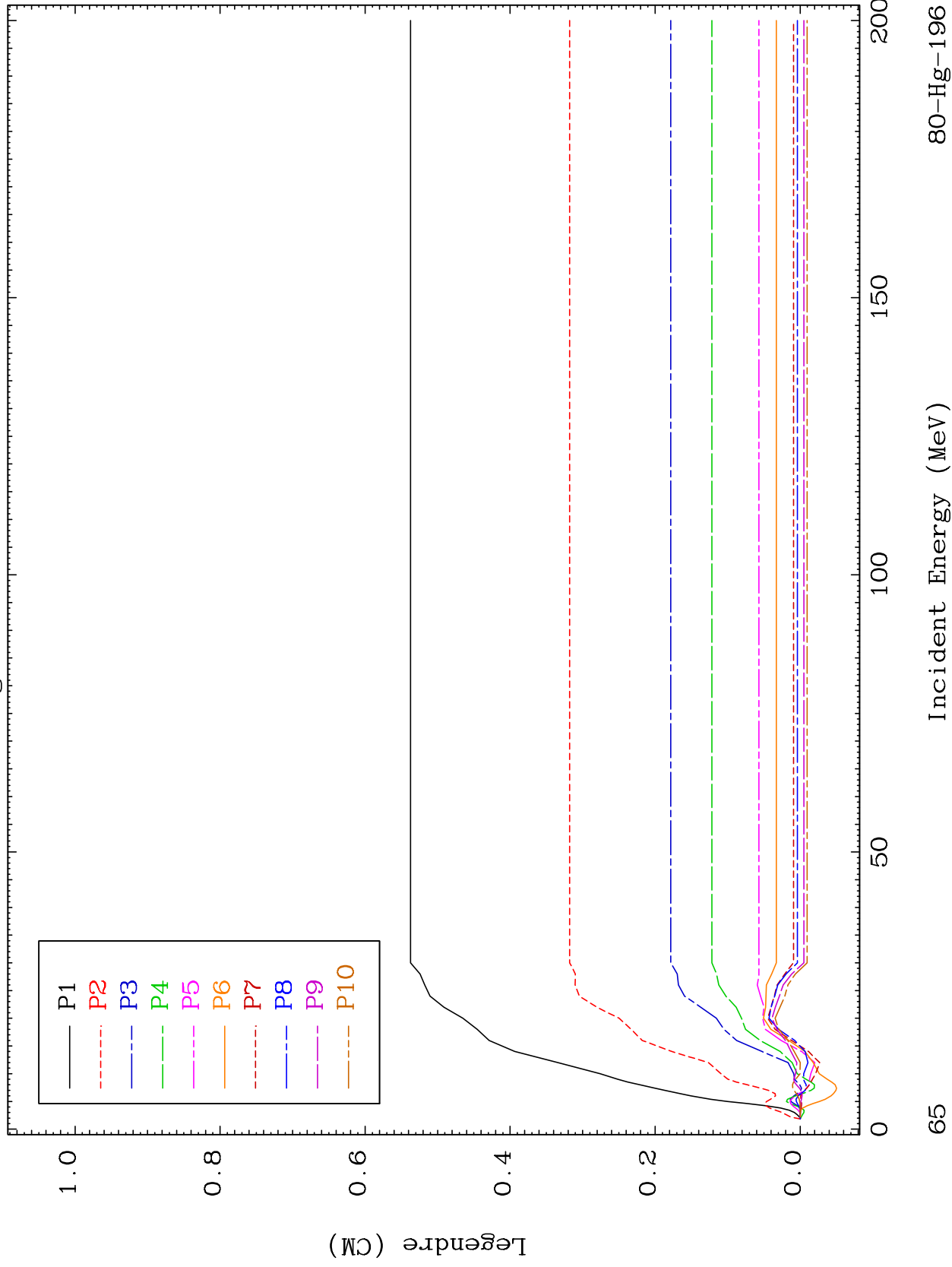
80-Hg-196



MAT 8025

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

80-Hg-196



80-Hg-196

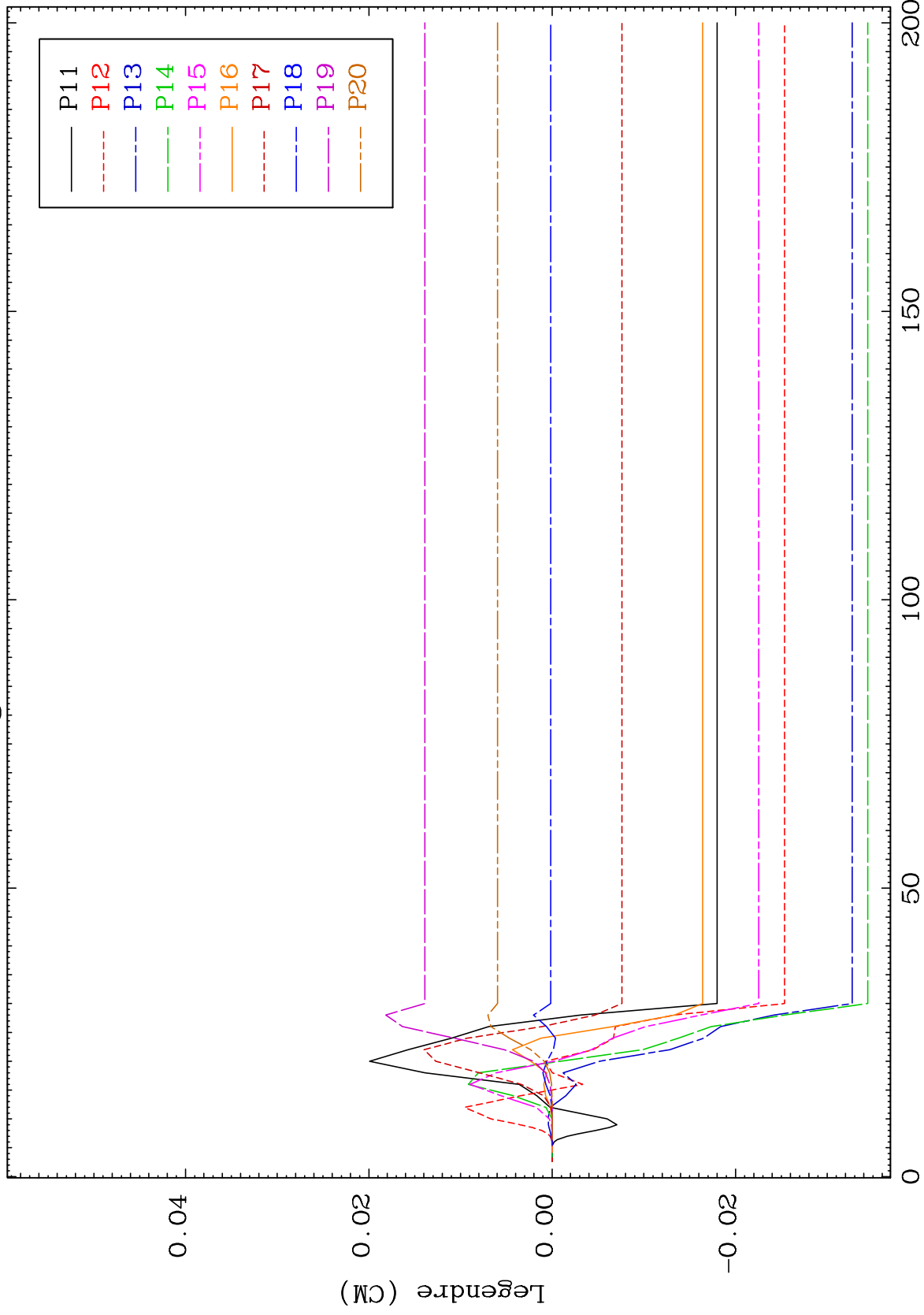
Incident Energy (MeV)

65

MAT 8025

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

80-Hg-196



66

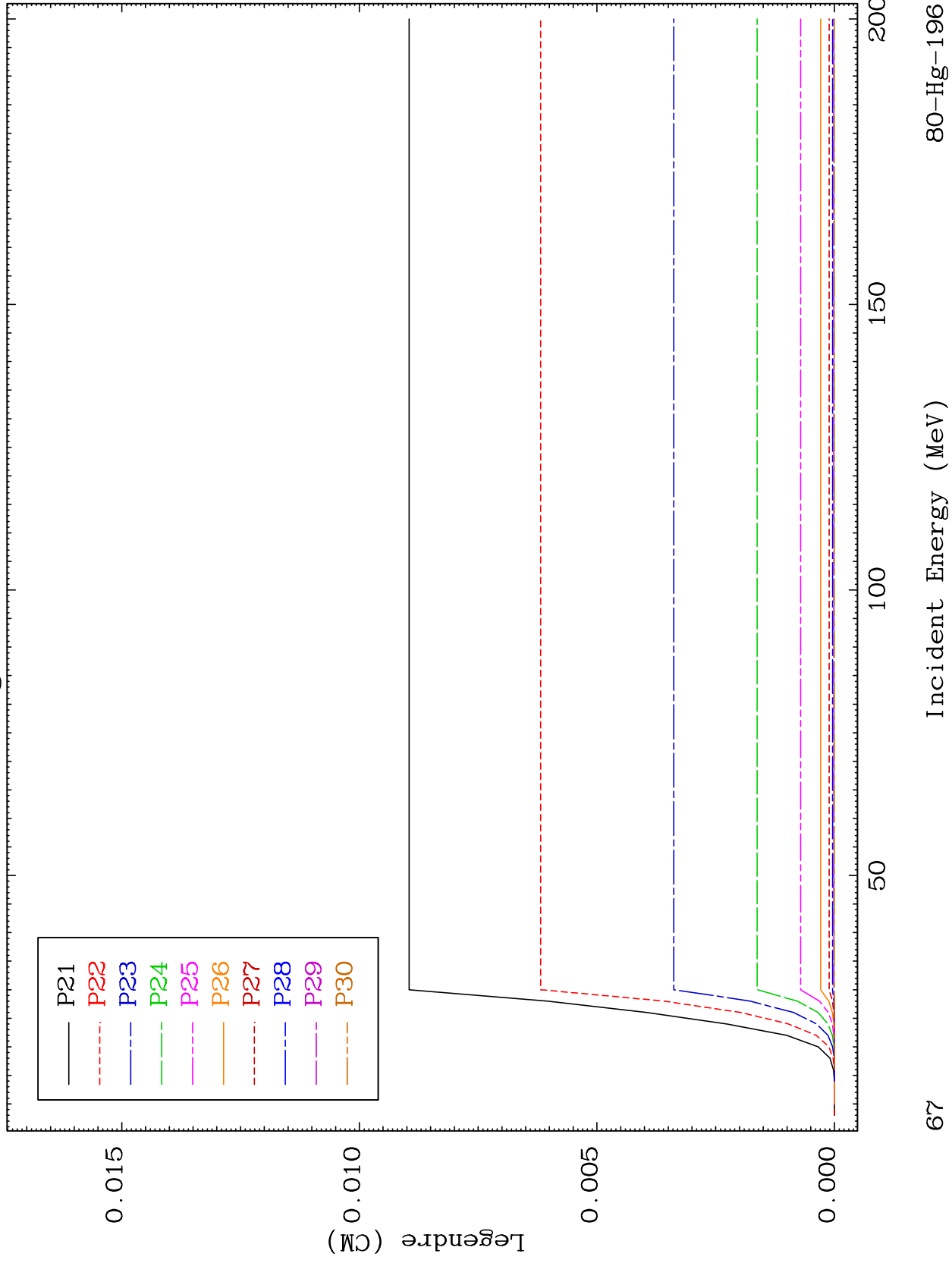
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196

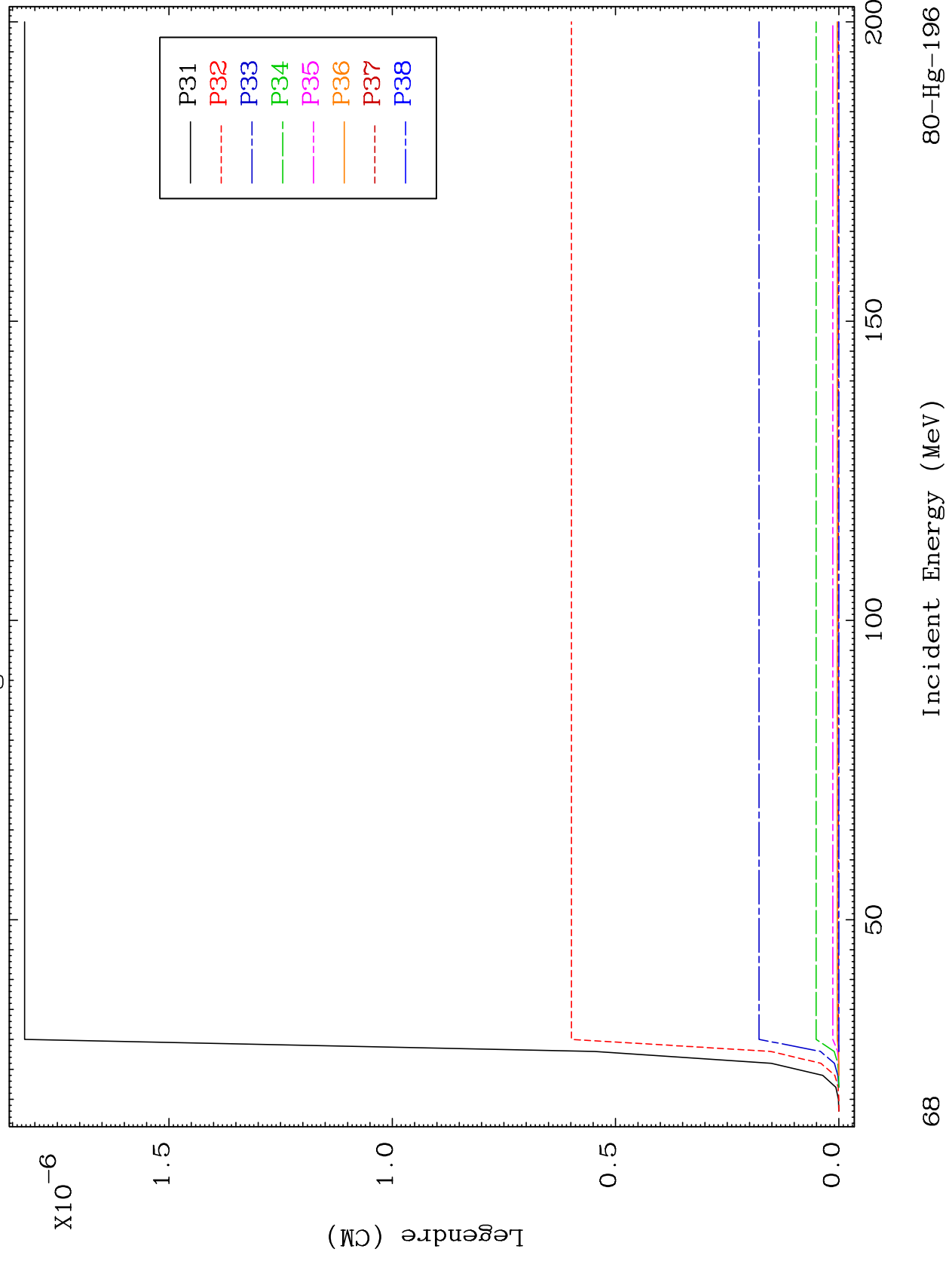


67

MAT 8025

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

80-Hg-196



68

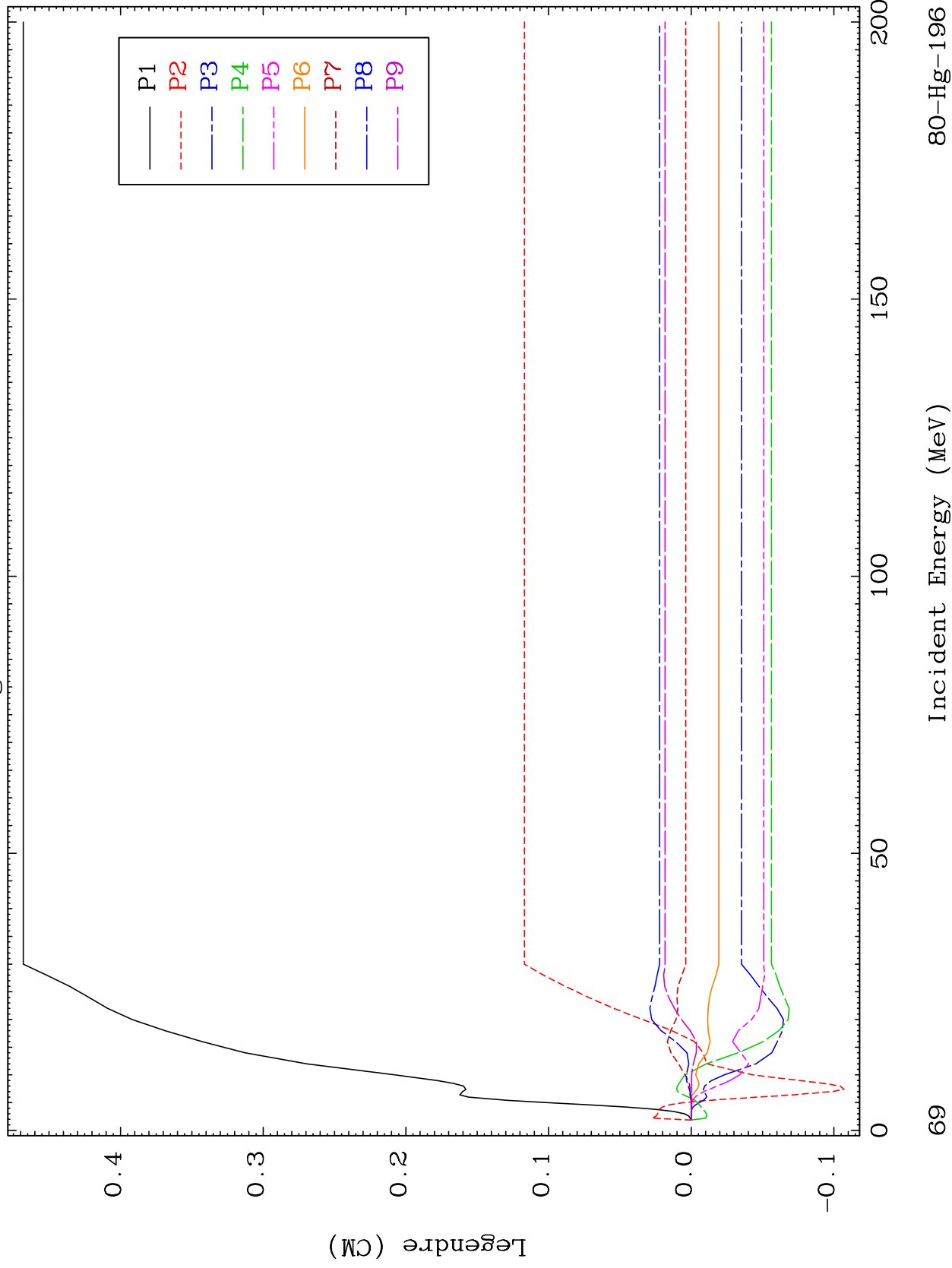
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



80-Hg-196

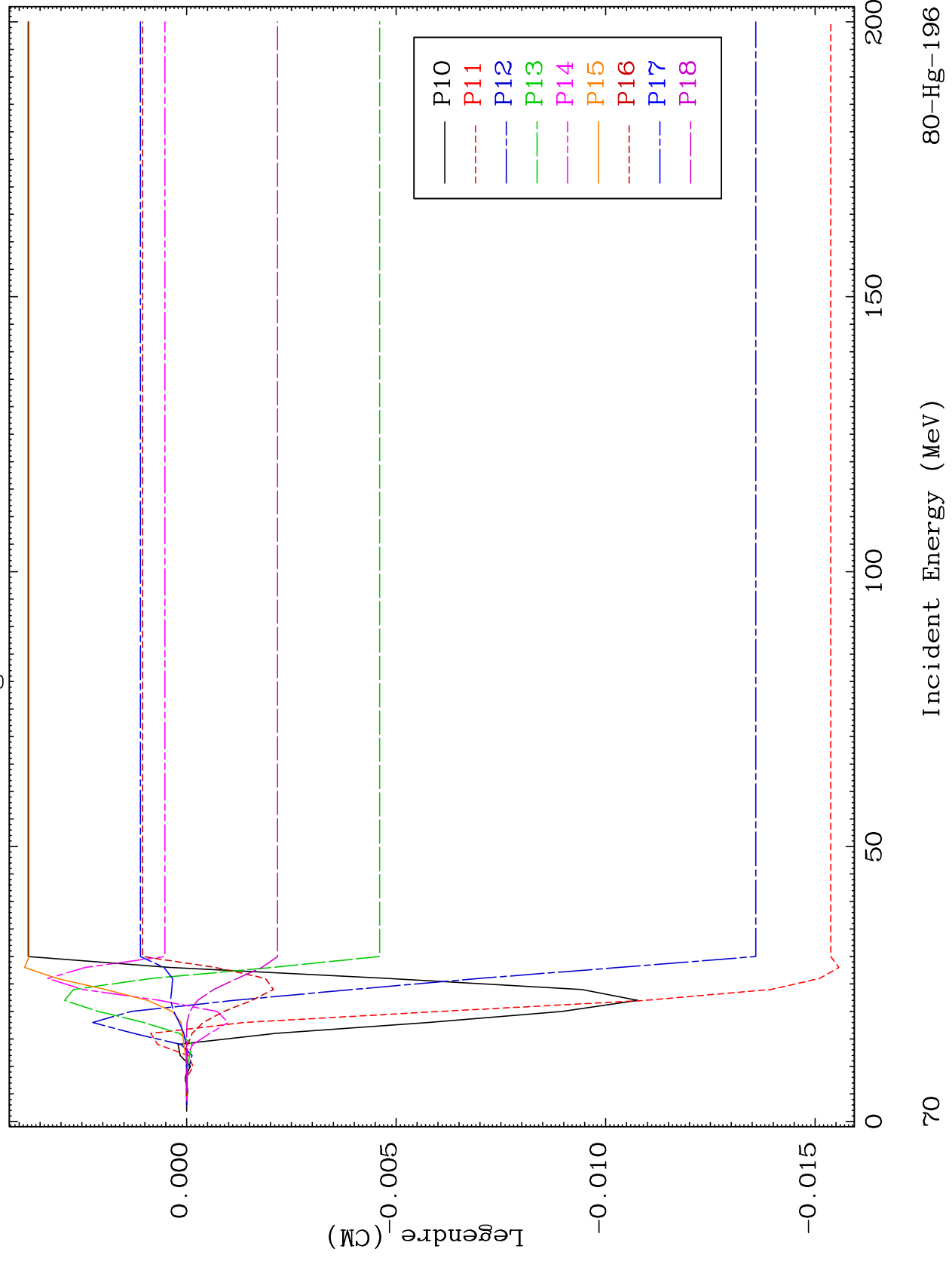
Incident Energy (MeV)

69

MAT 8025

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

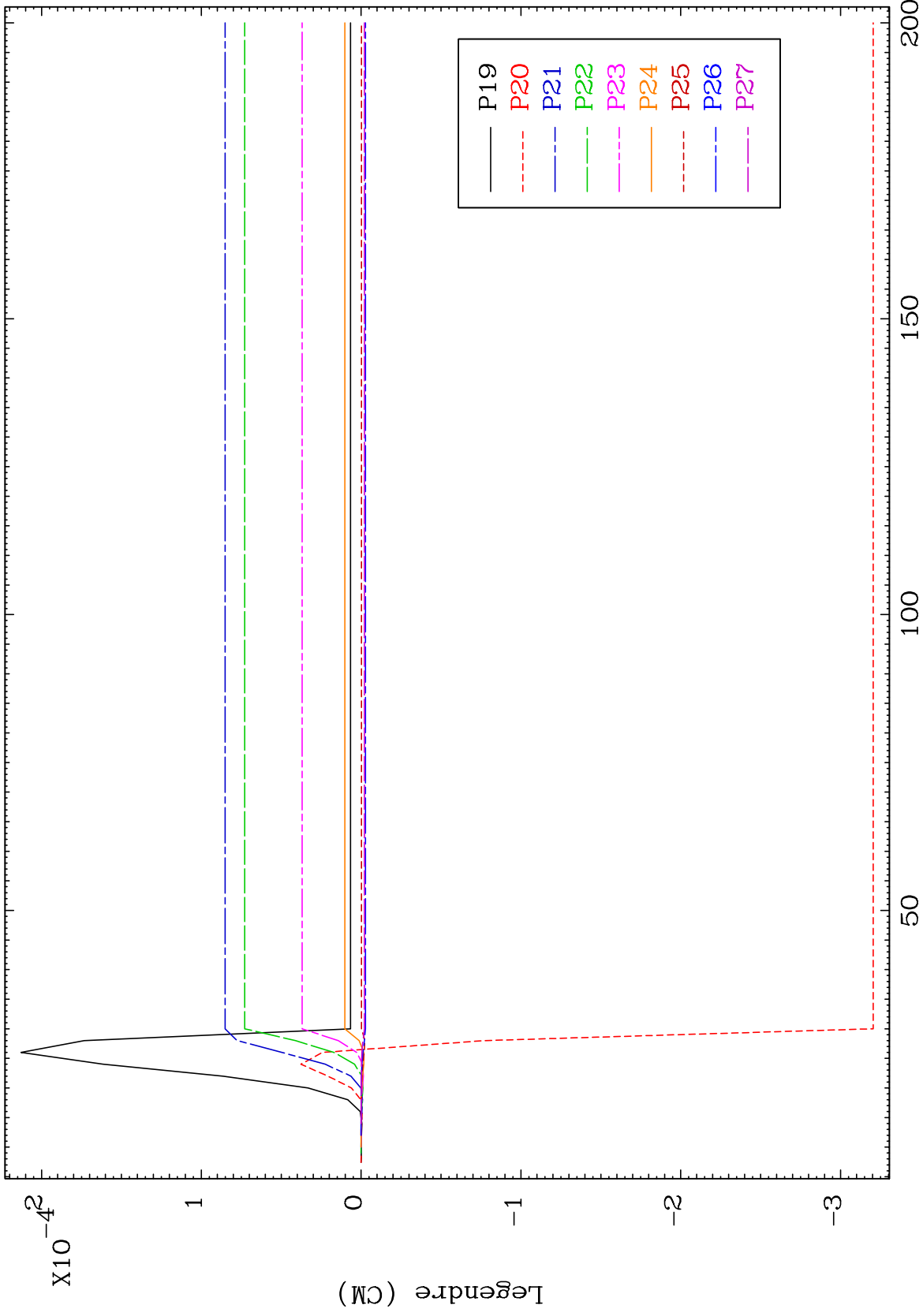
80-Hg-196

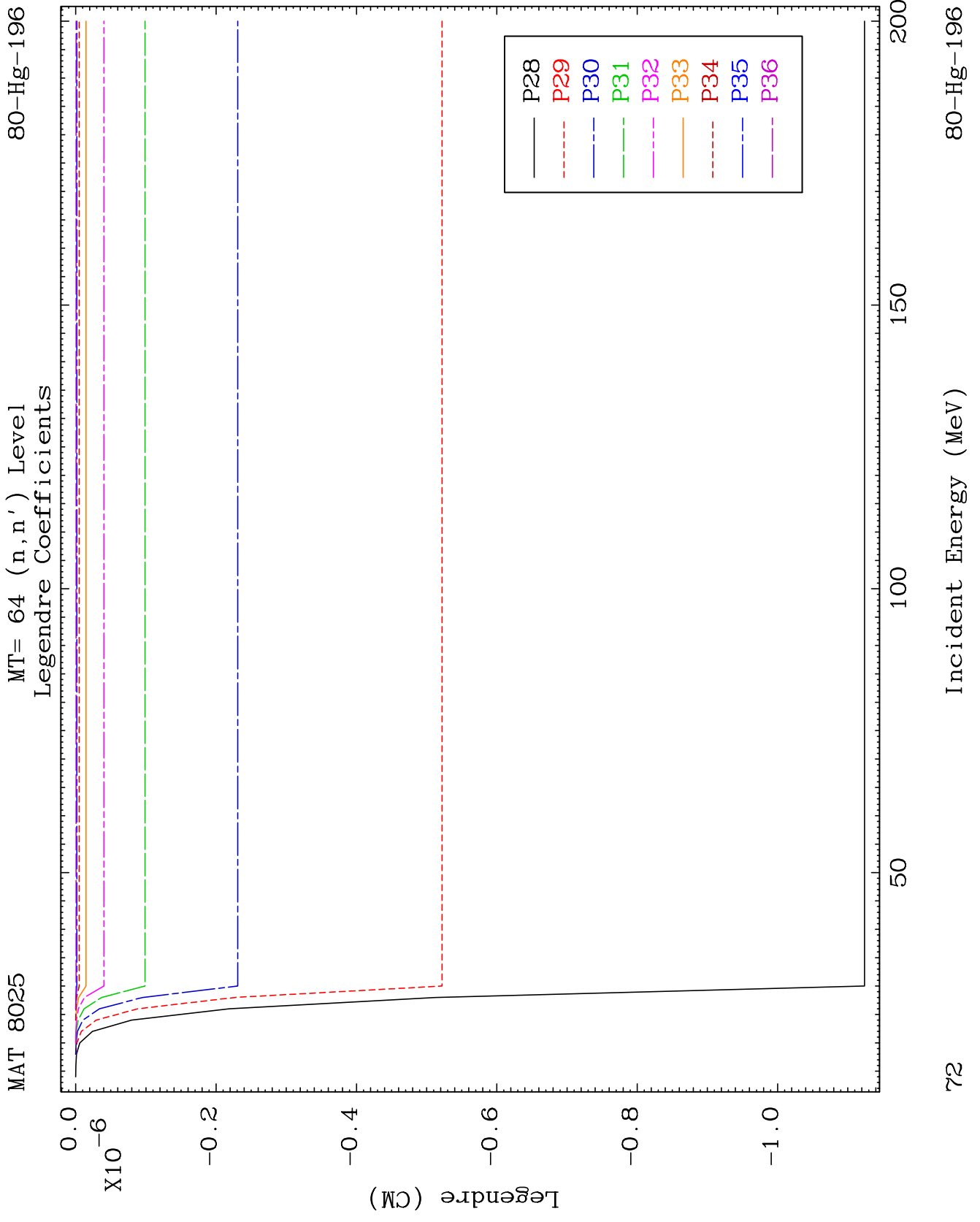


80-Hg-196

Incident Energy (MeV)

70

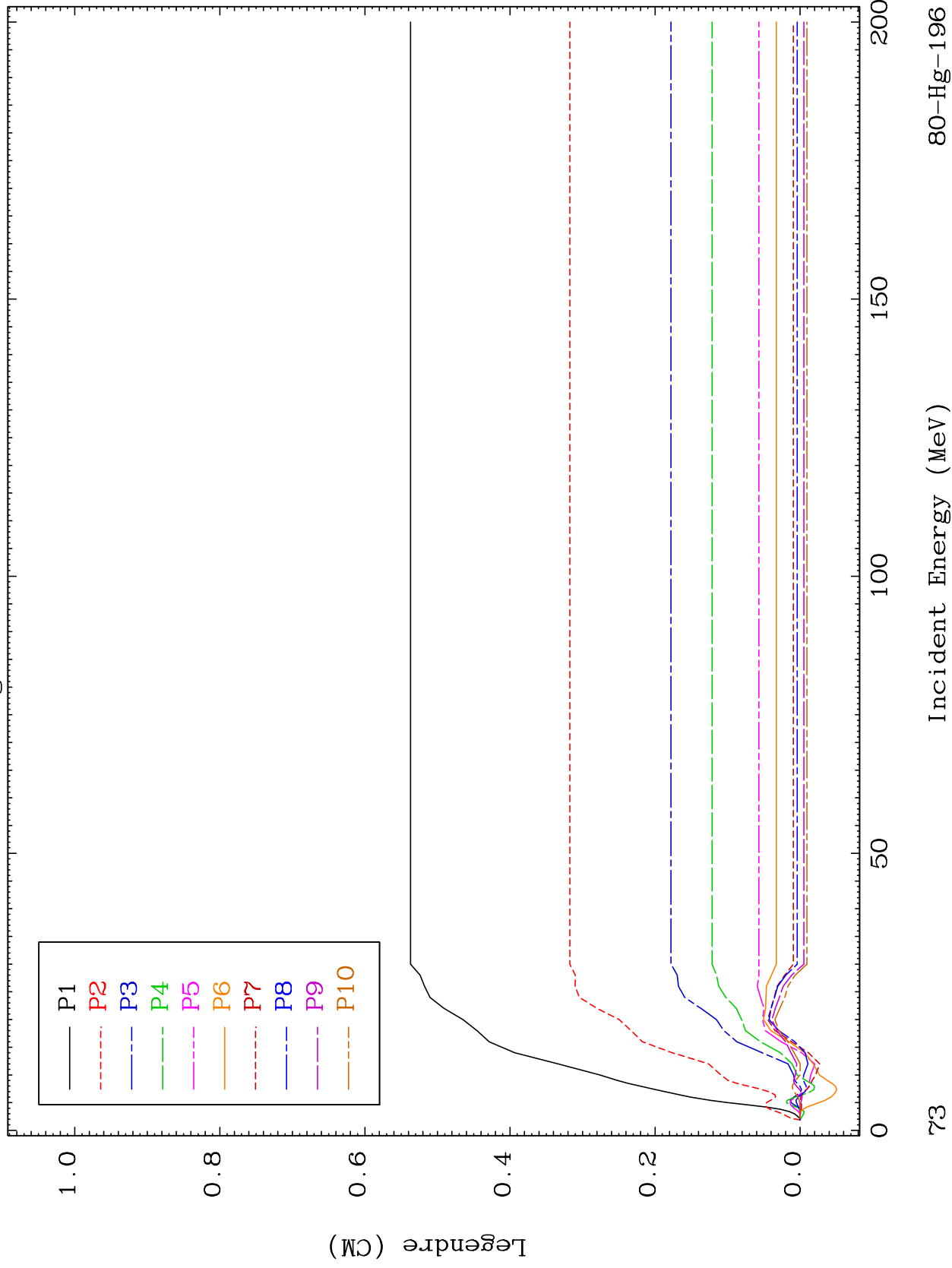




MAT 8025

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

80-Hg-196



73

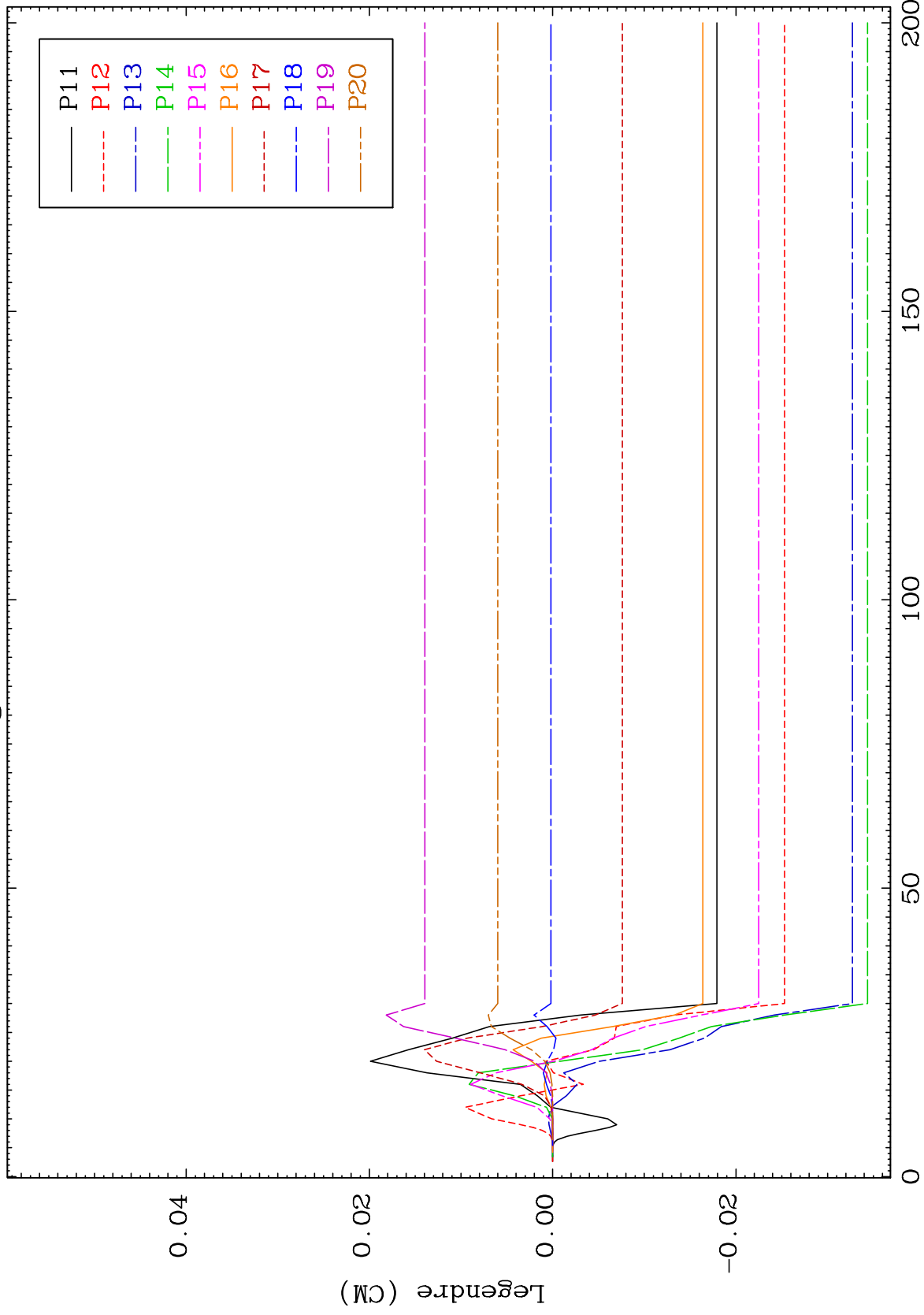
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



74

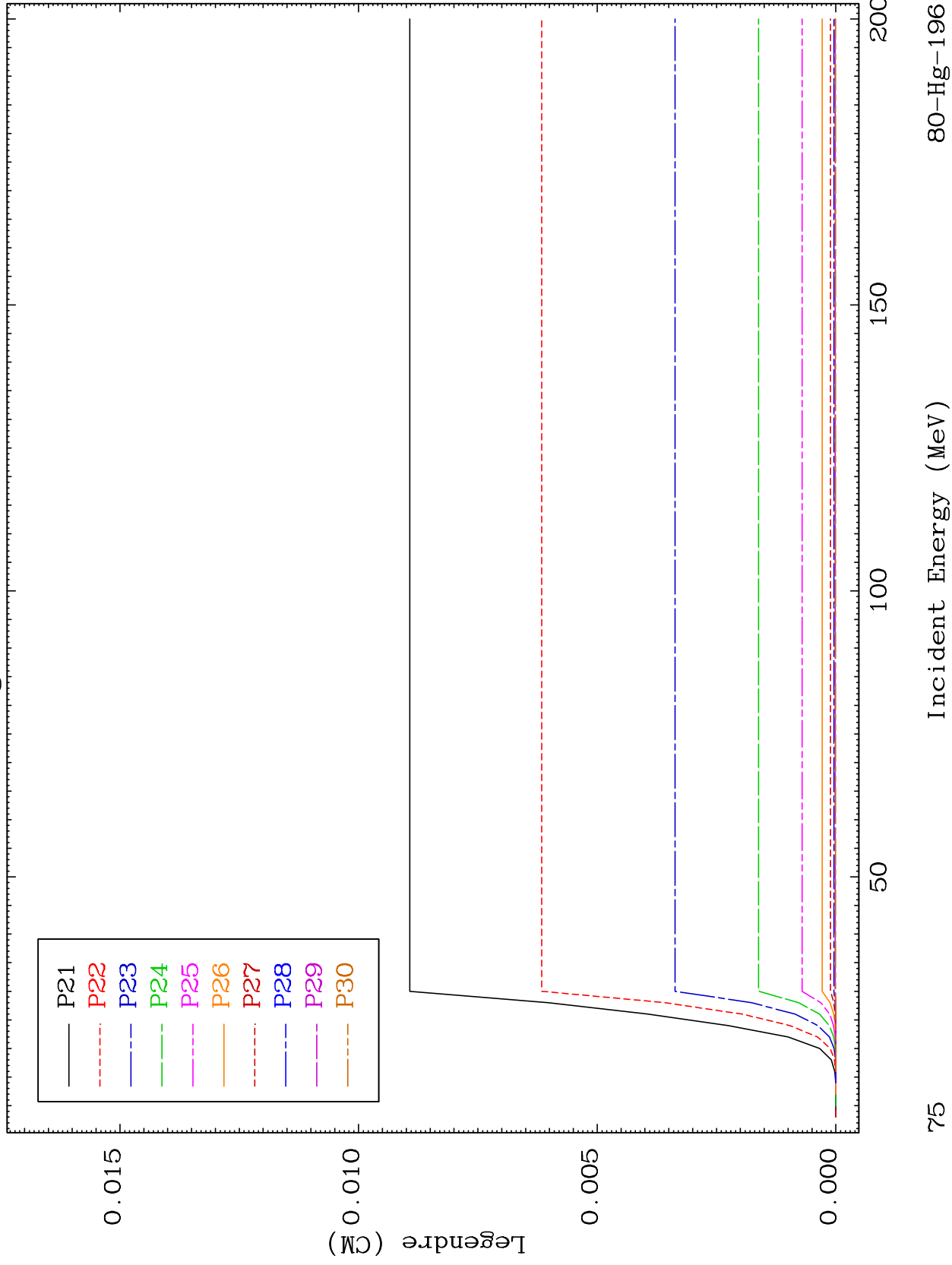
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

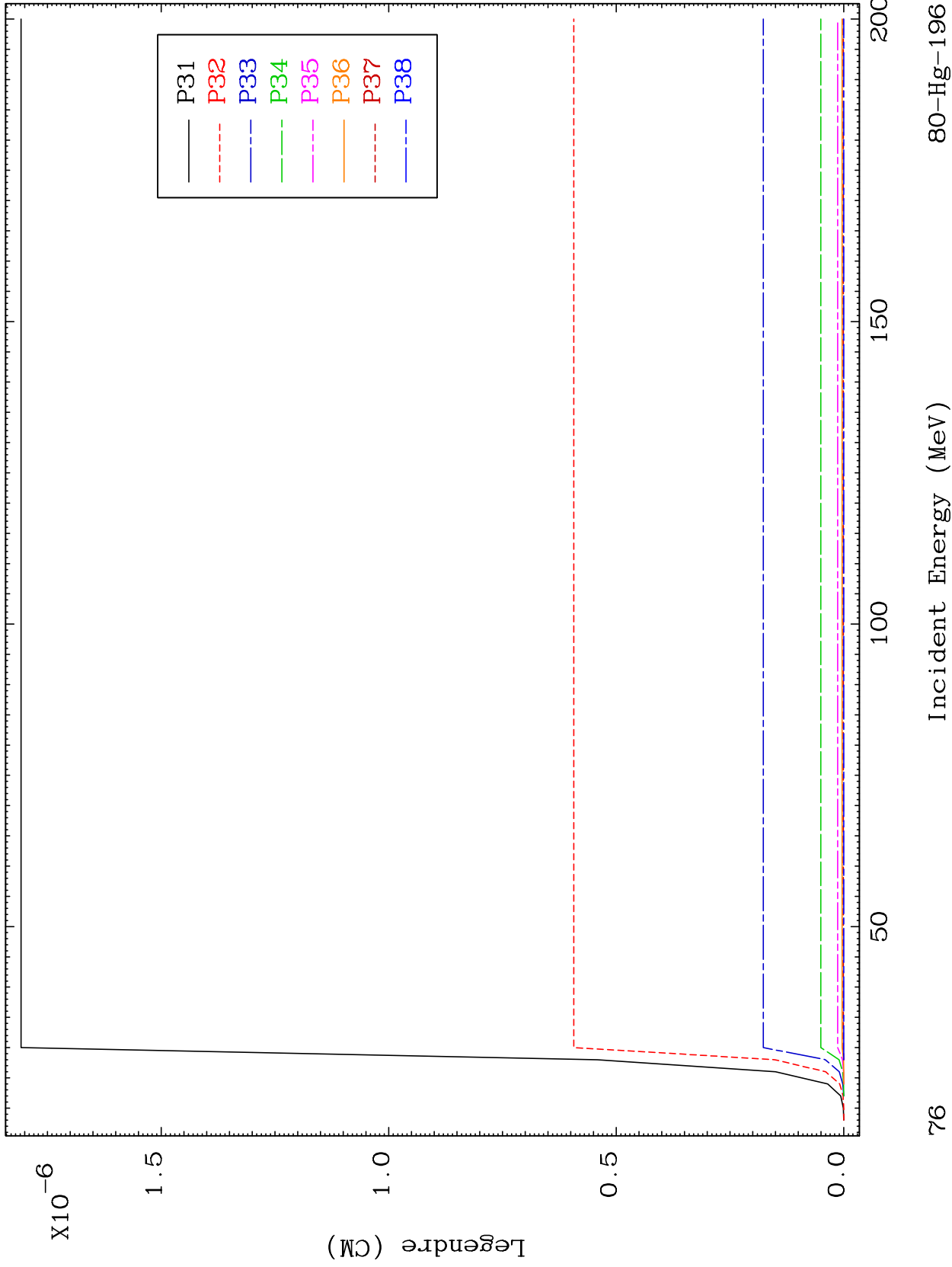
80-Hg-196



MAT 8025

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

80-Hg-196



76

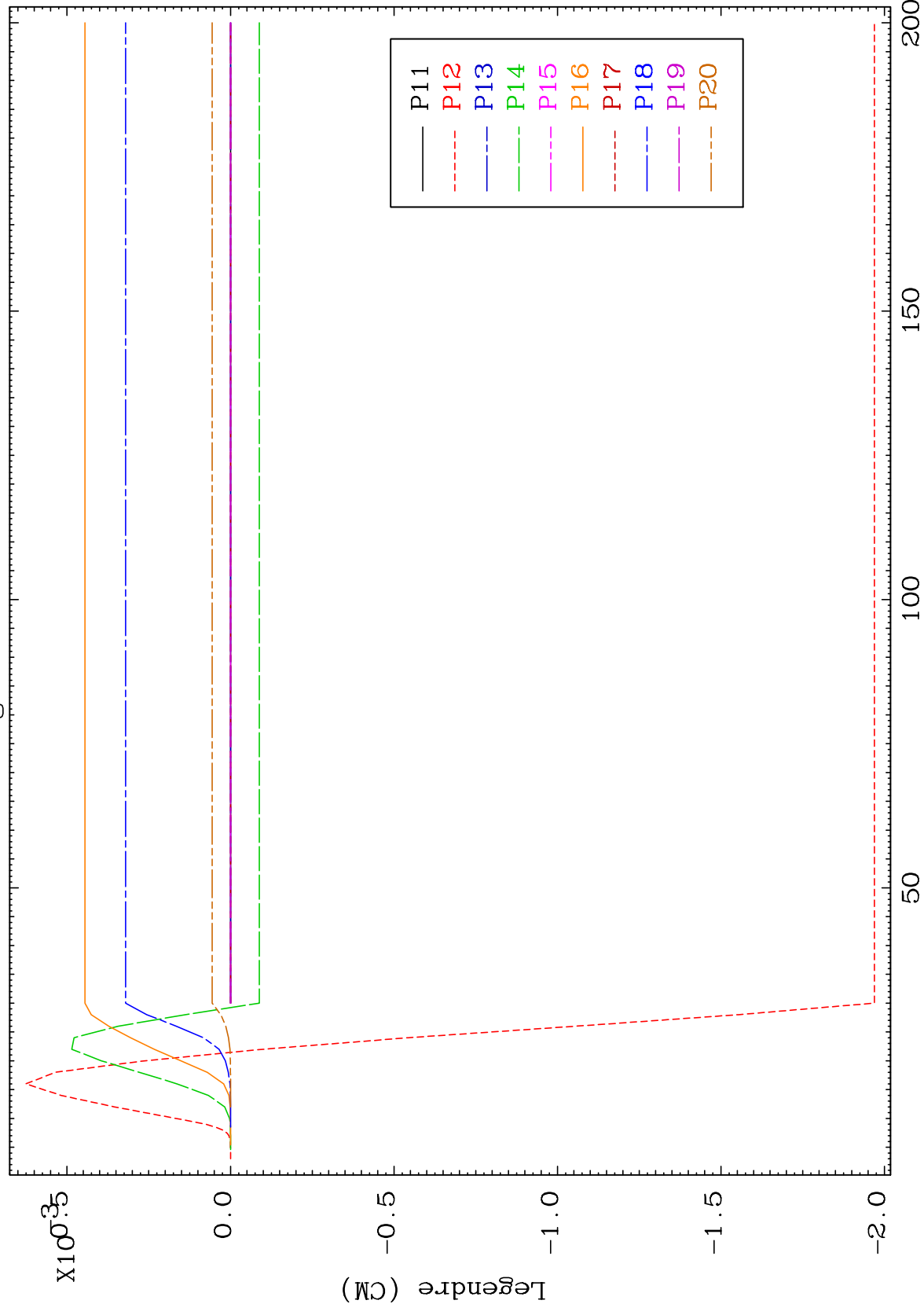
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

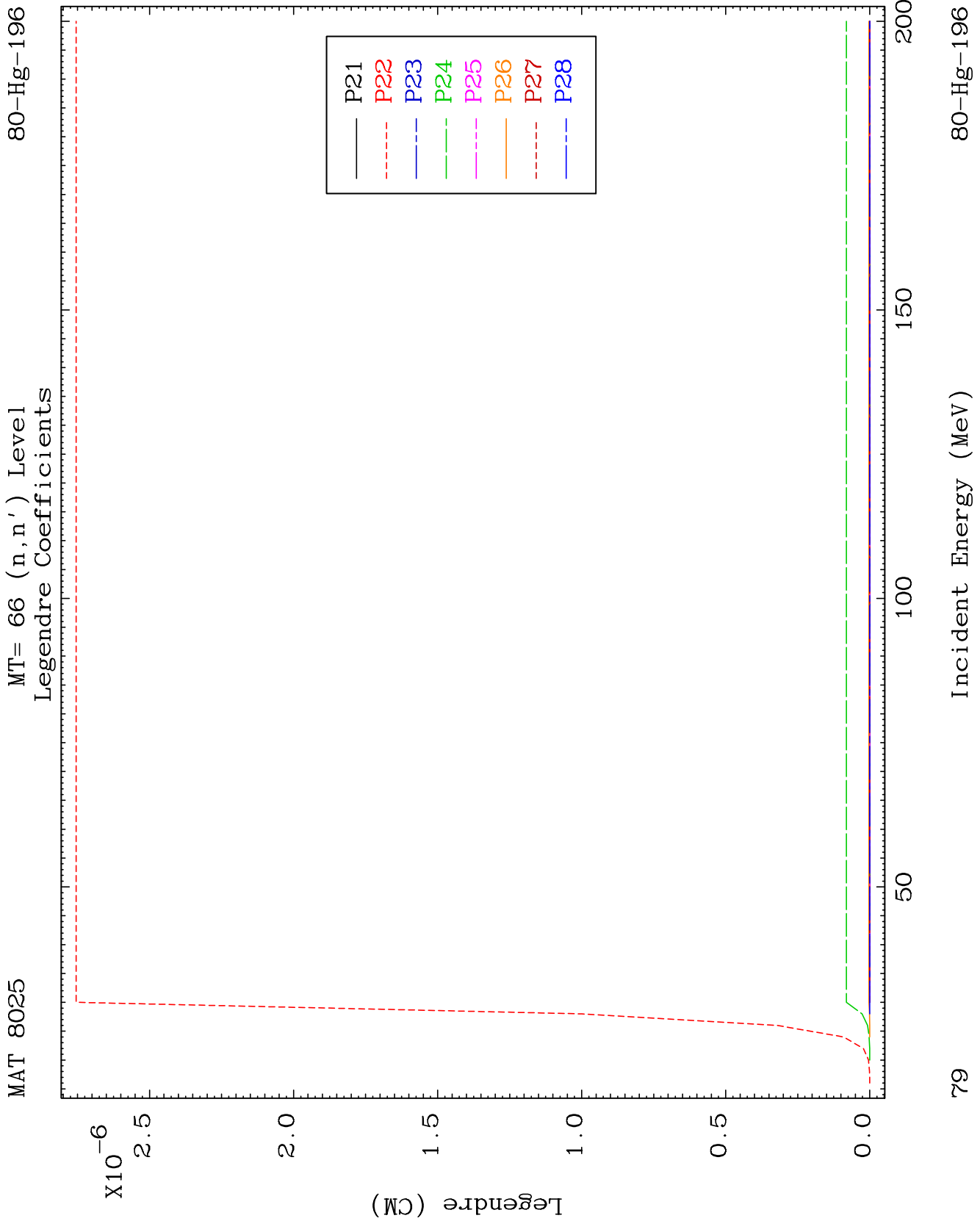
80-Hg-196

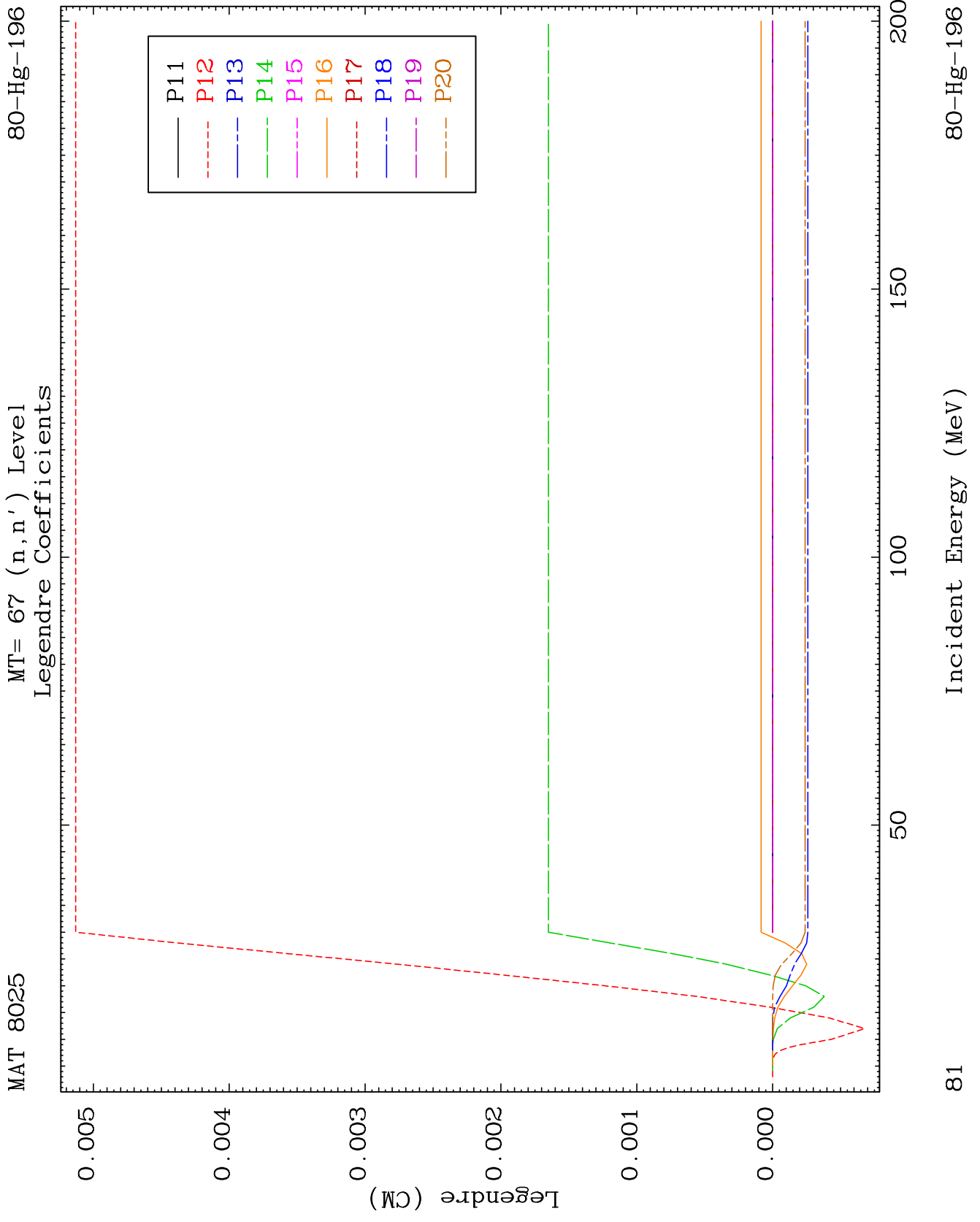


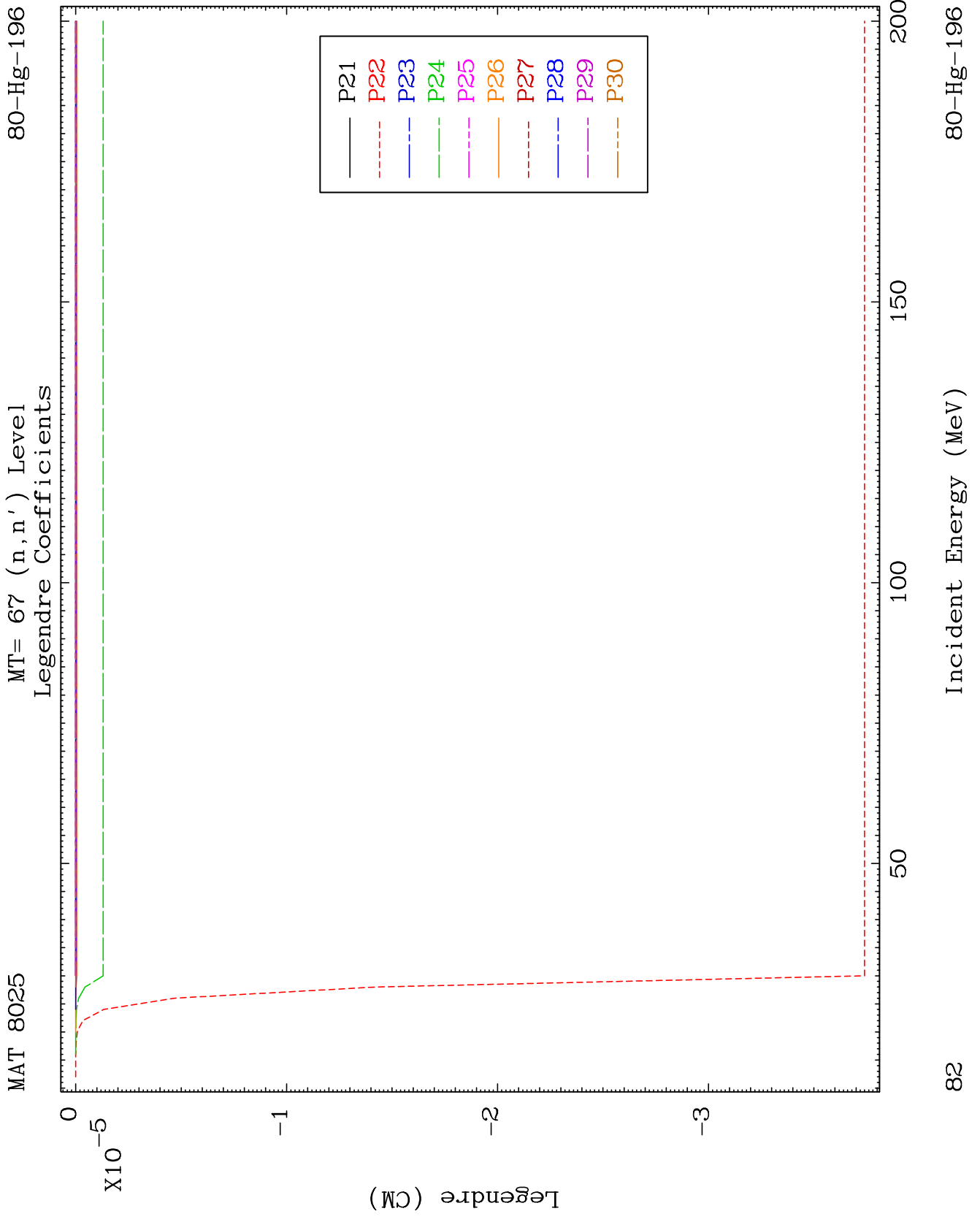
78

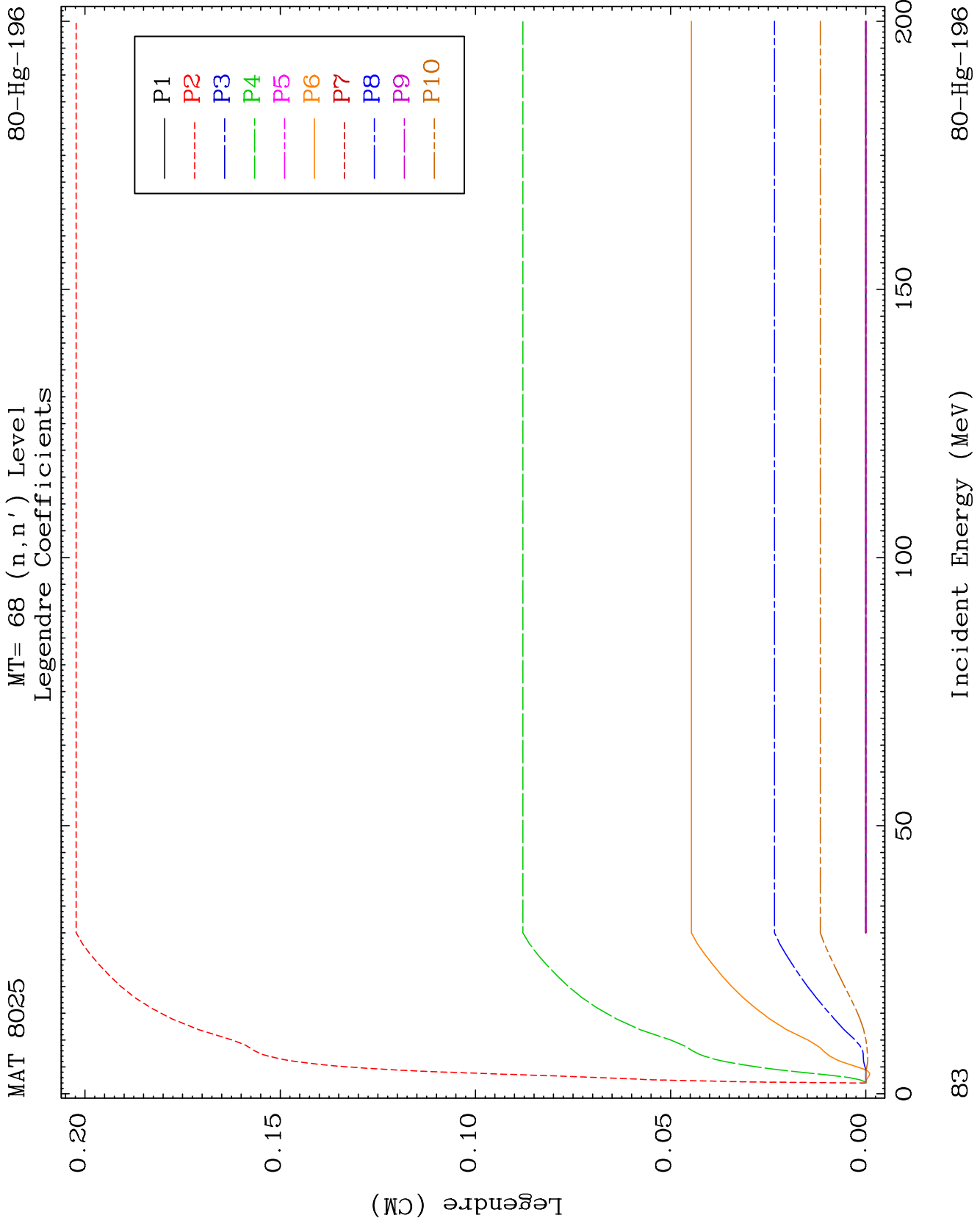
Incident Energy (MeV)

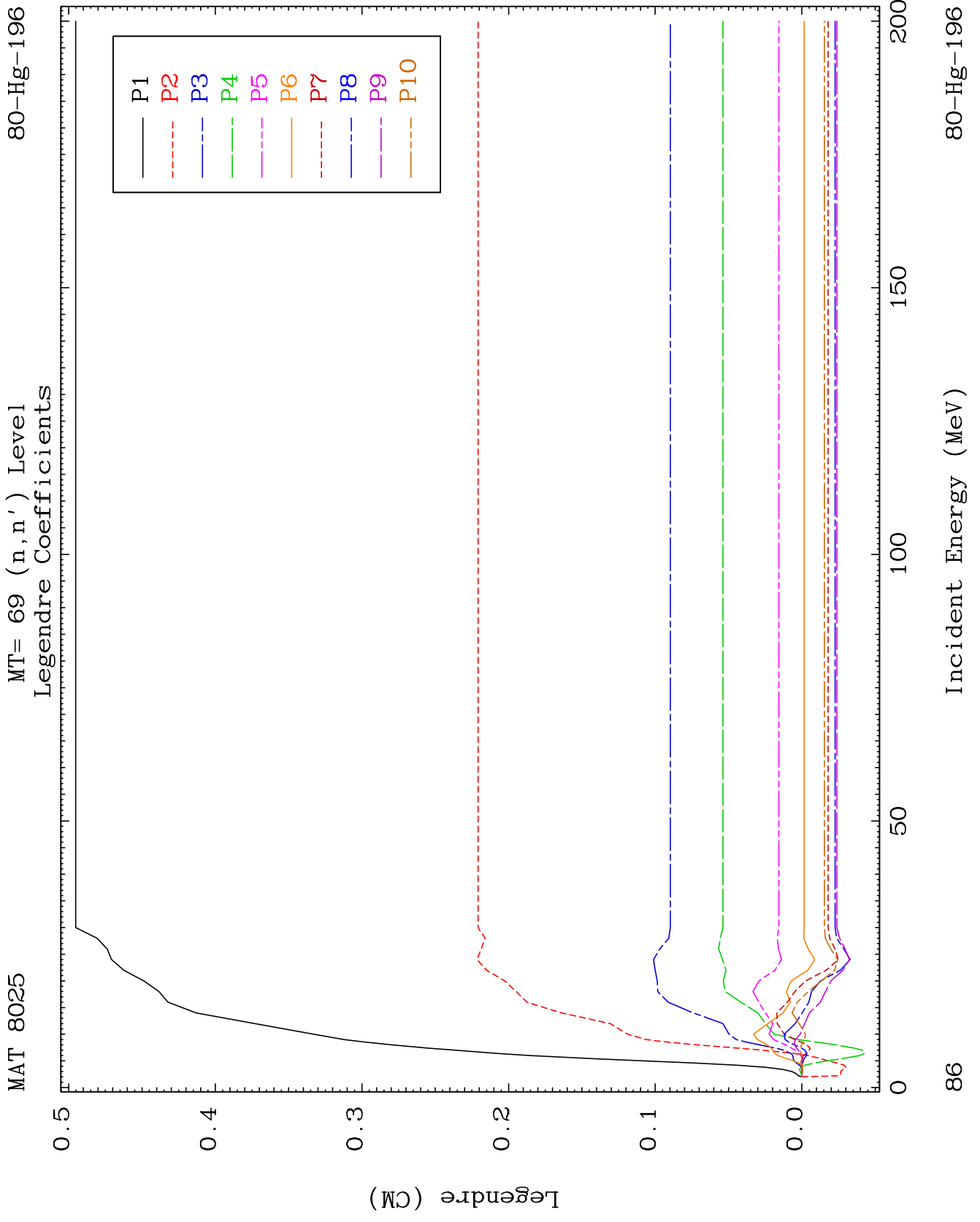
80-Hg-196







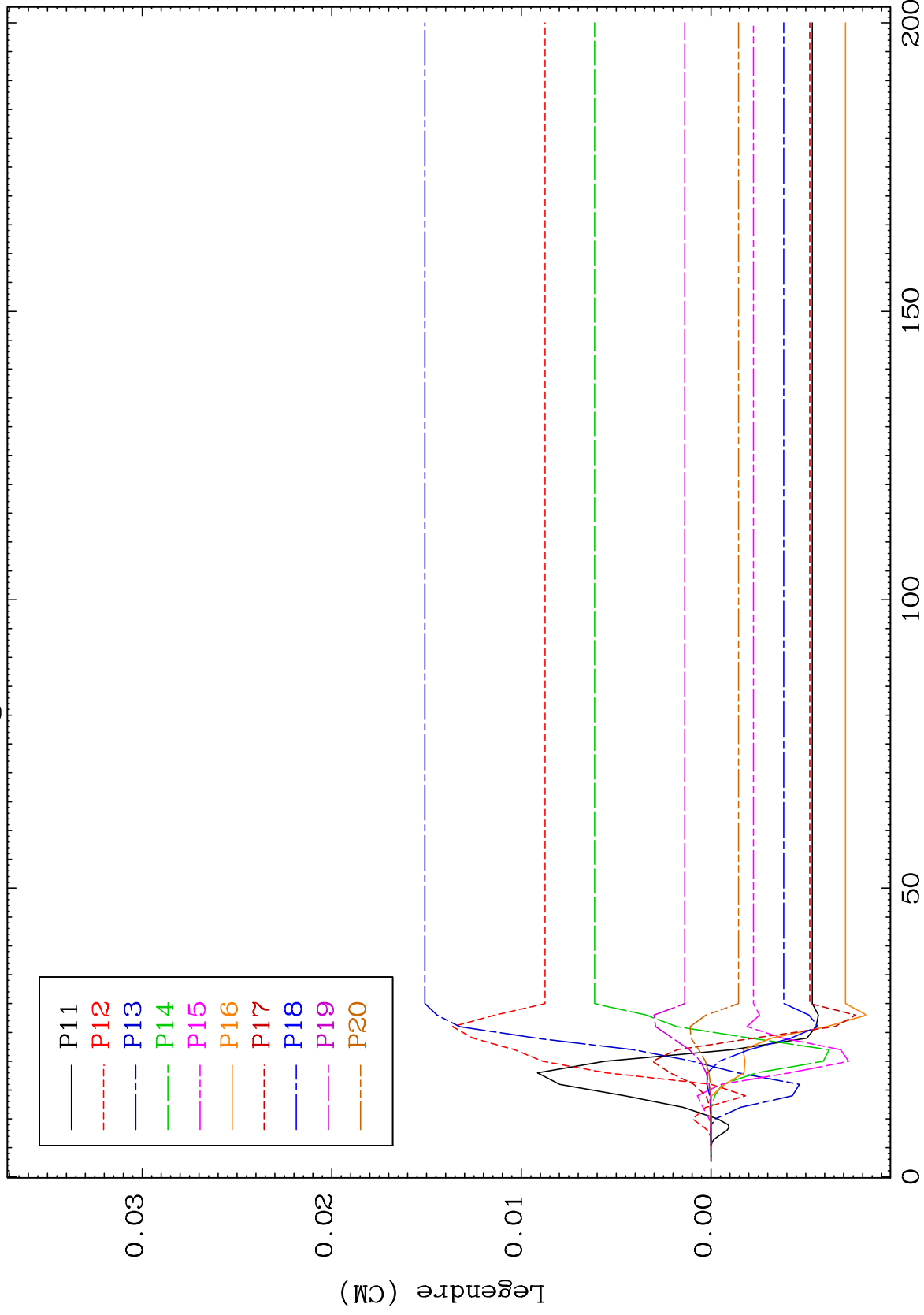




MAT 8025

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

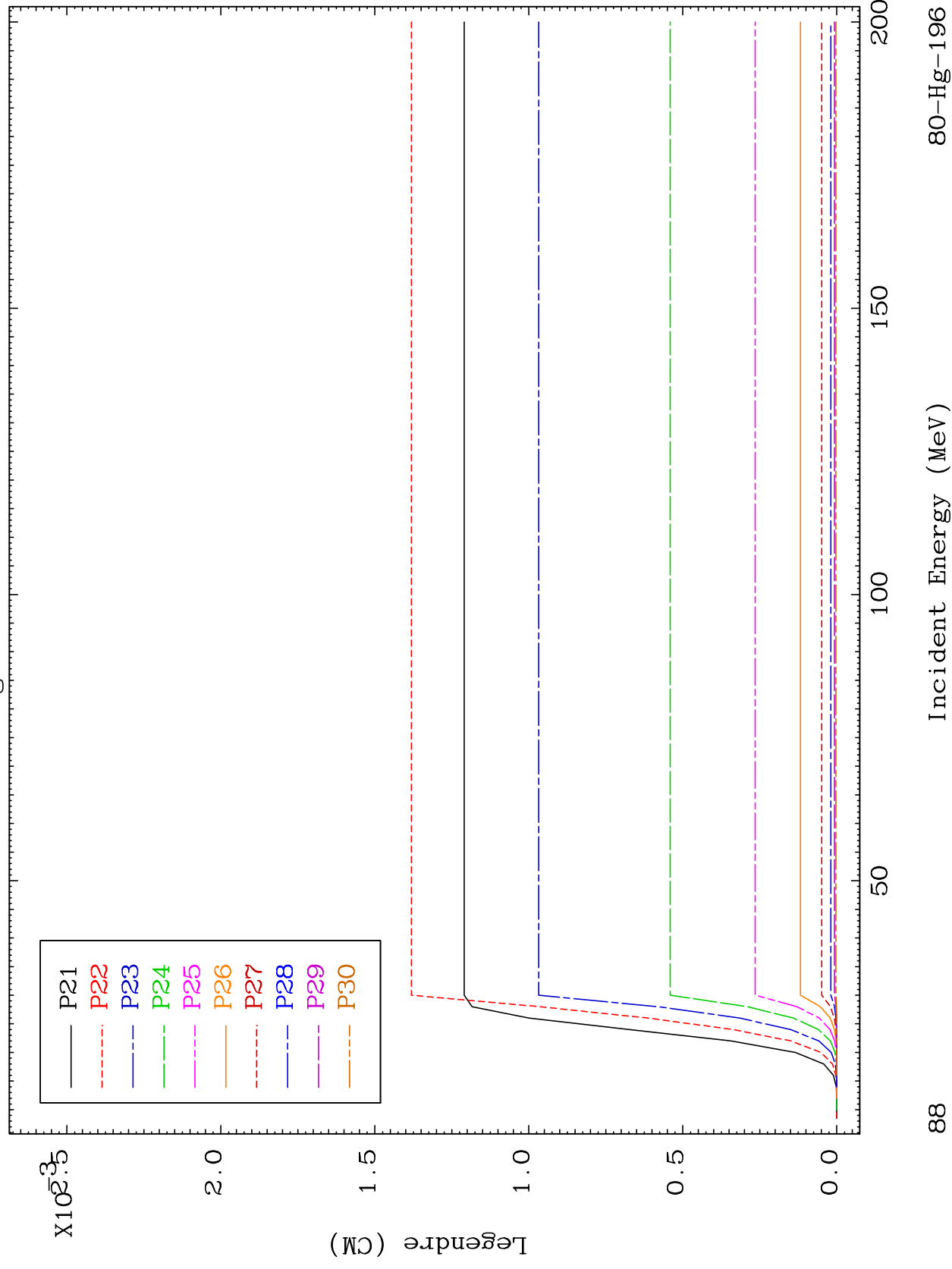
80-Hg-196



87

Incident Energy (MeV)

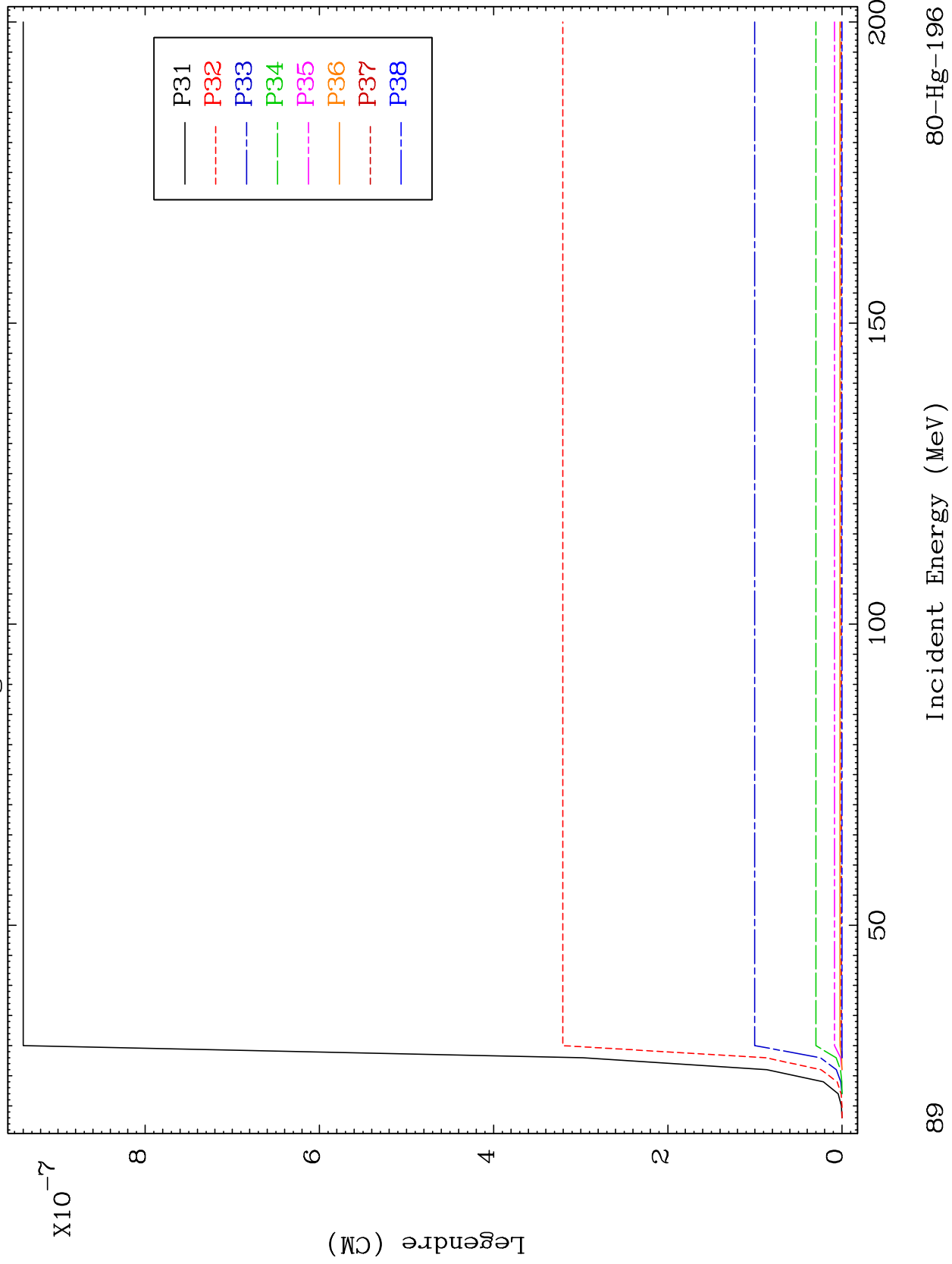
80-Hg-196



MAT 8025

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

80-Hg-196



89

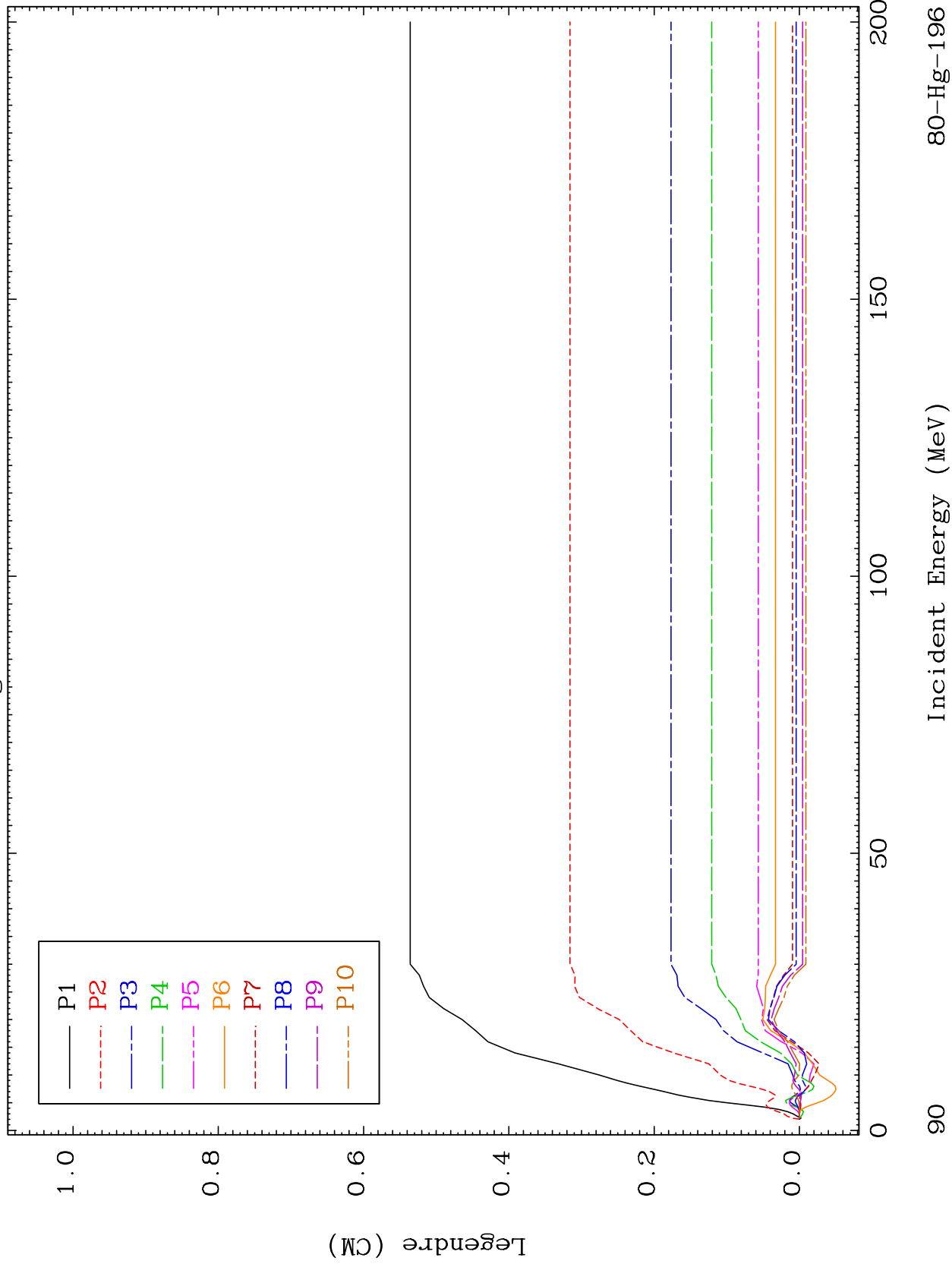
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

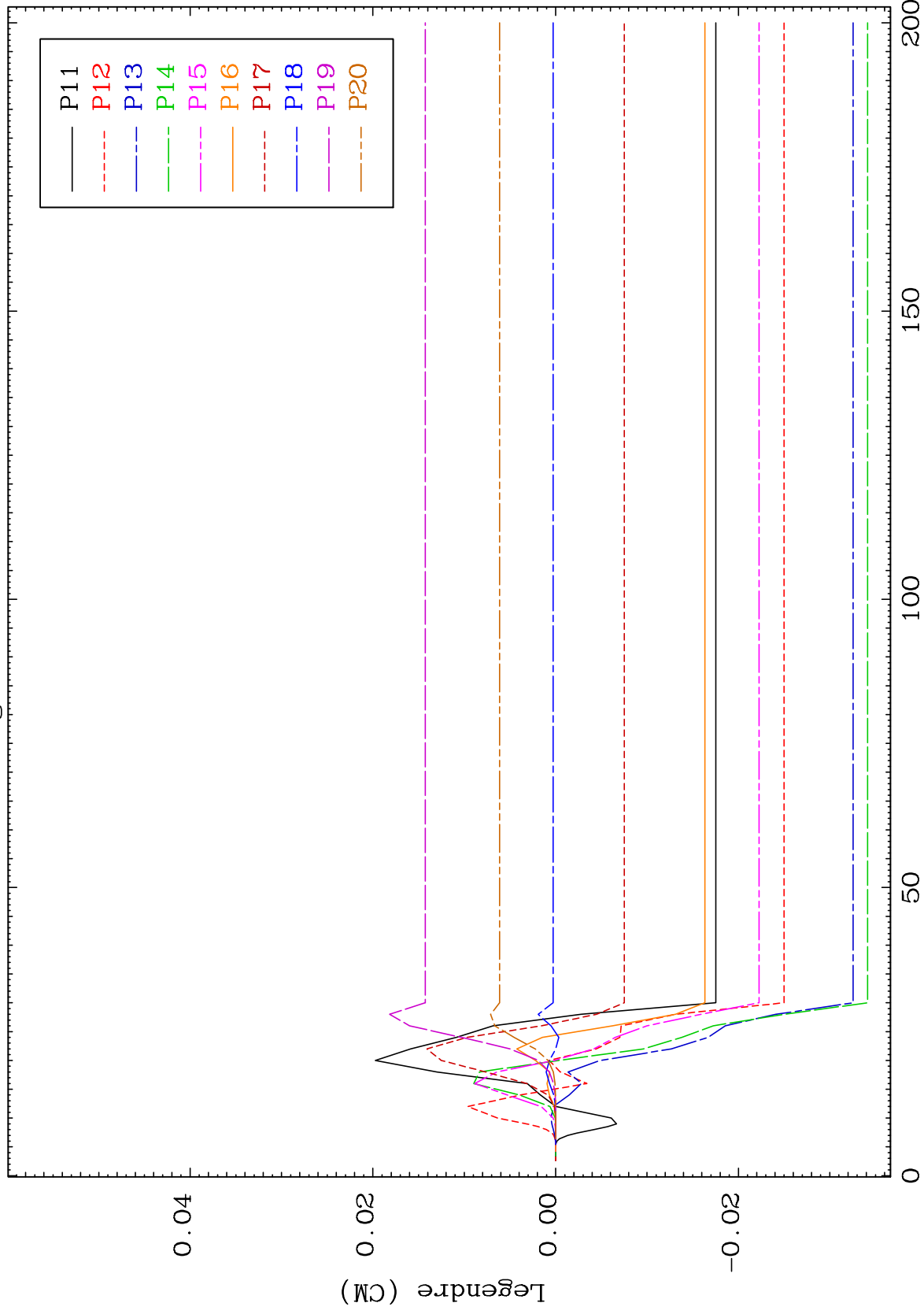
80-Hg-196



MAT 8025

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

80-Hg-196



91

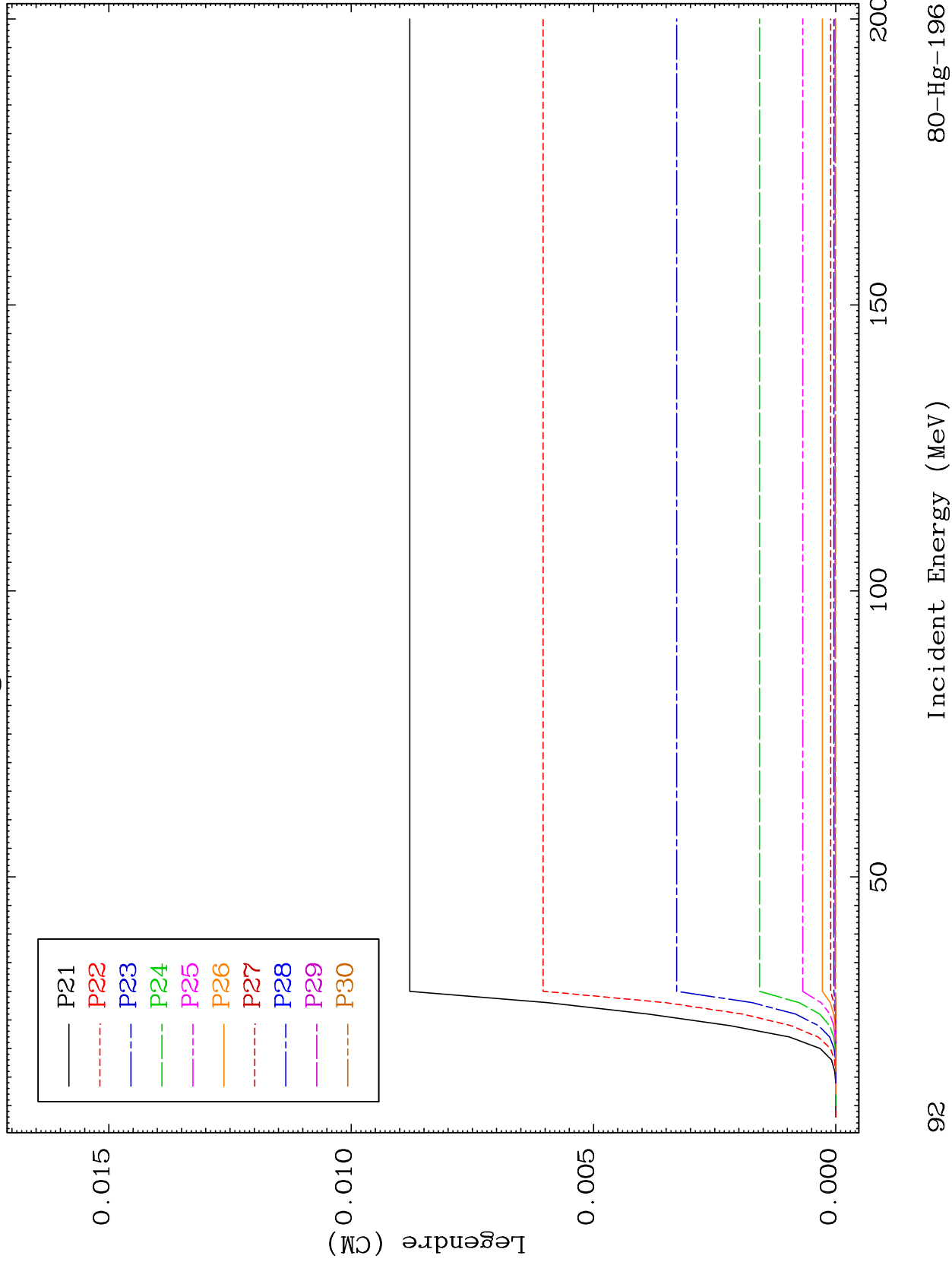
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



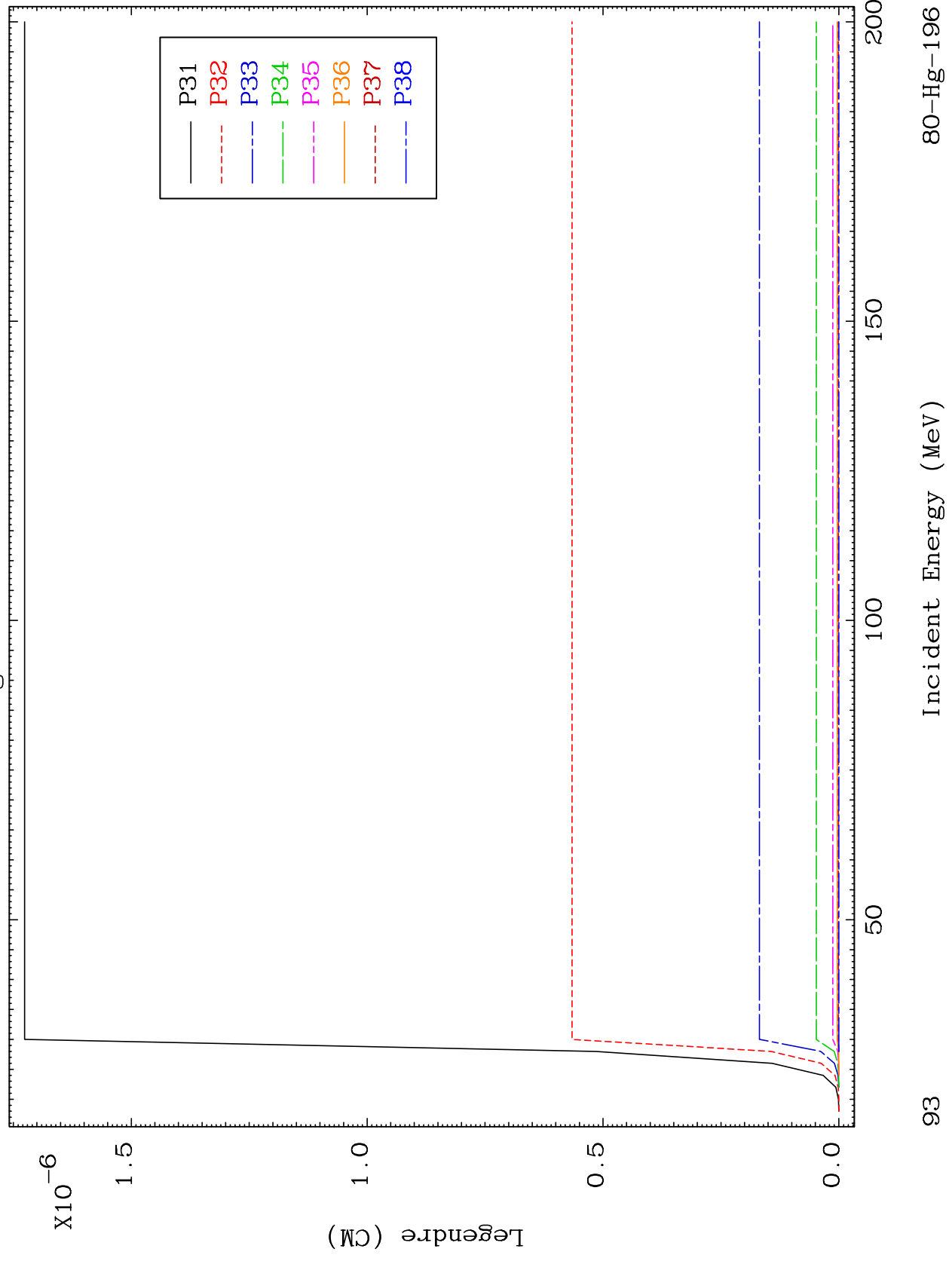
92

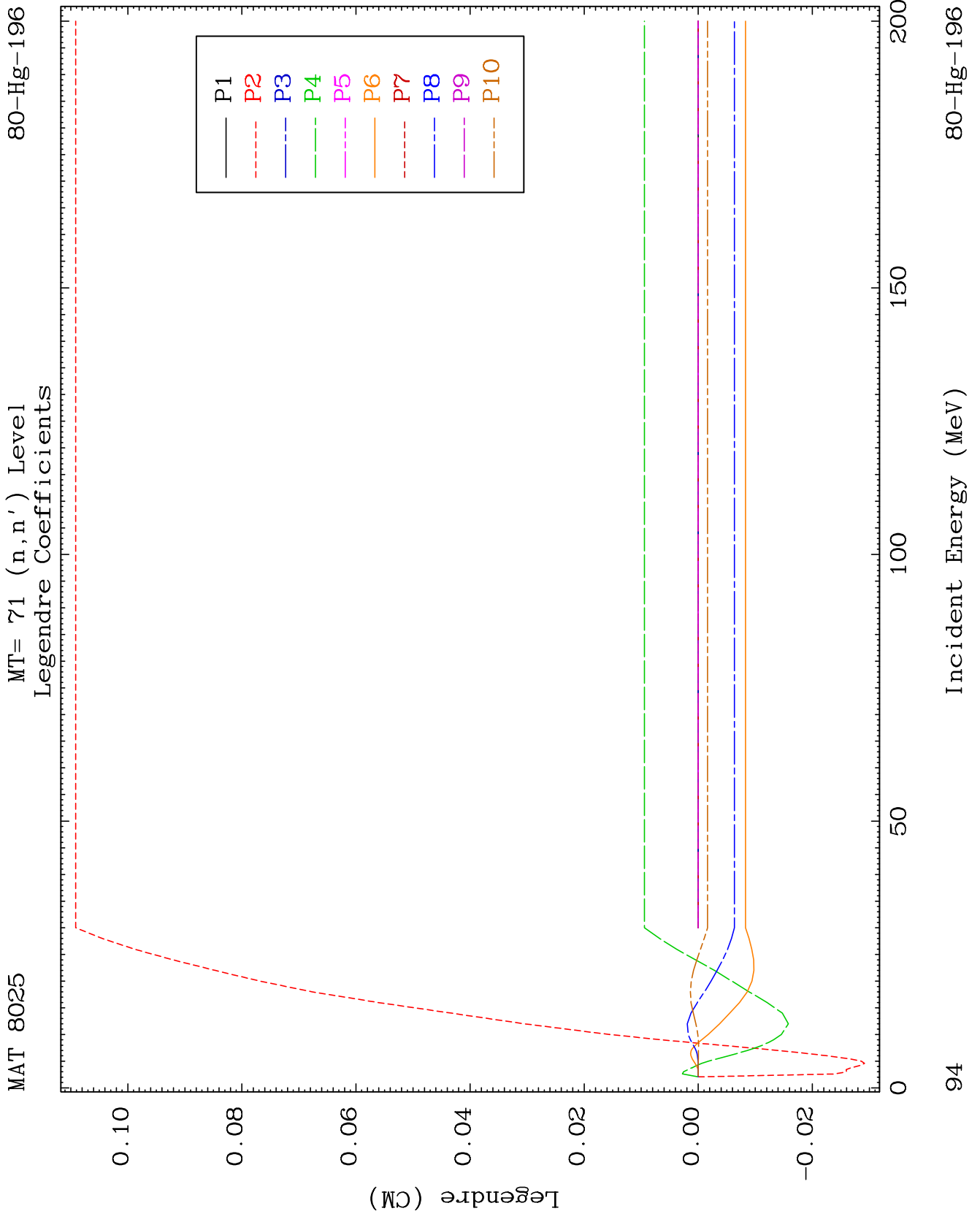
80-Hg-196

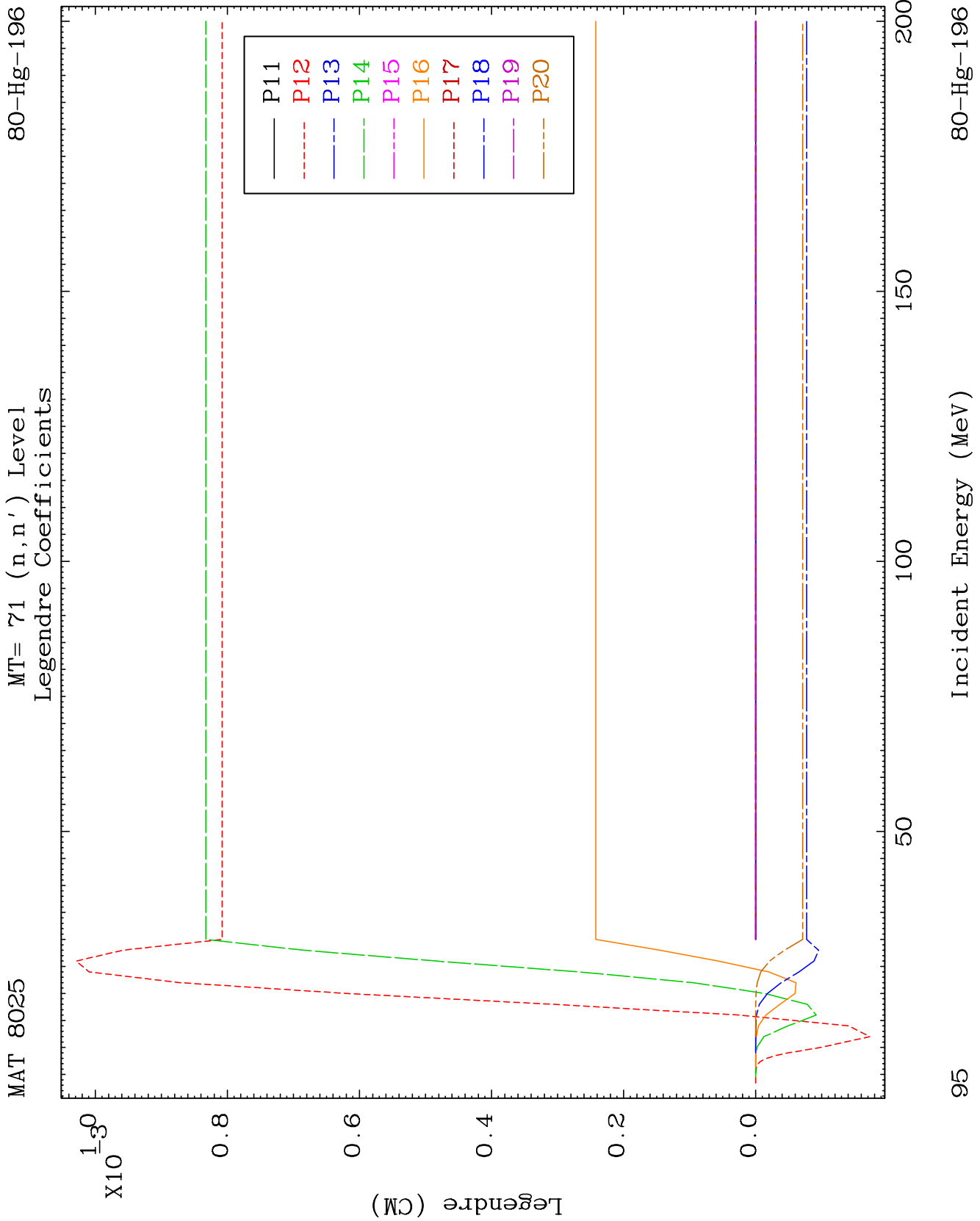
MAT 8025

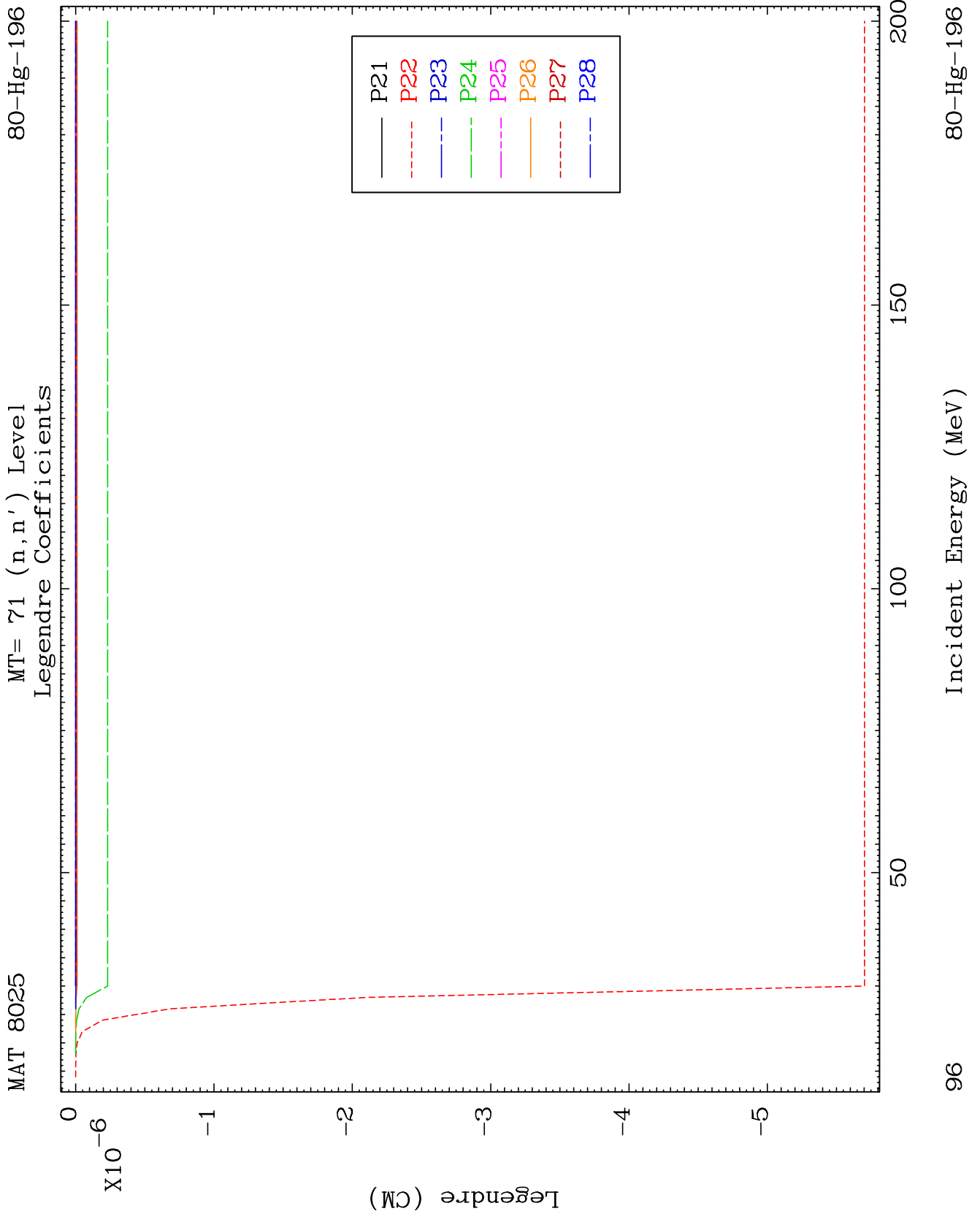
MT= 70 (n,n') Level
Legendre Coefficients

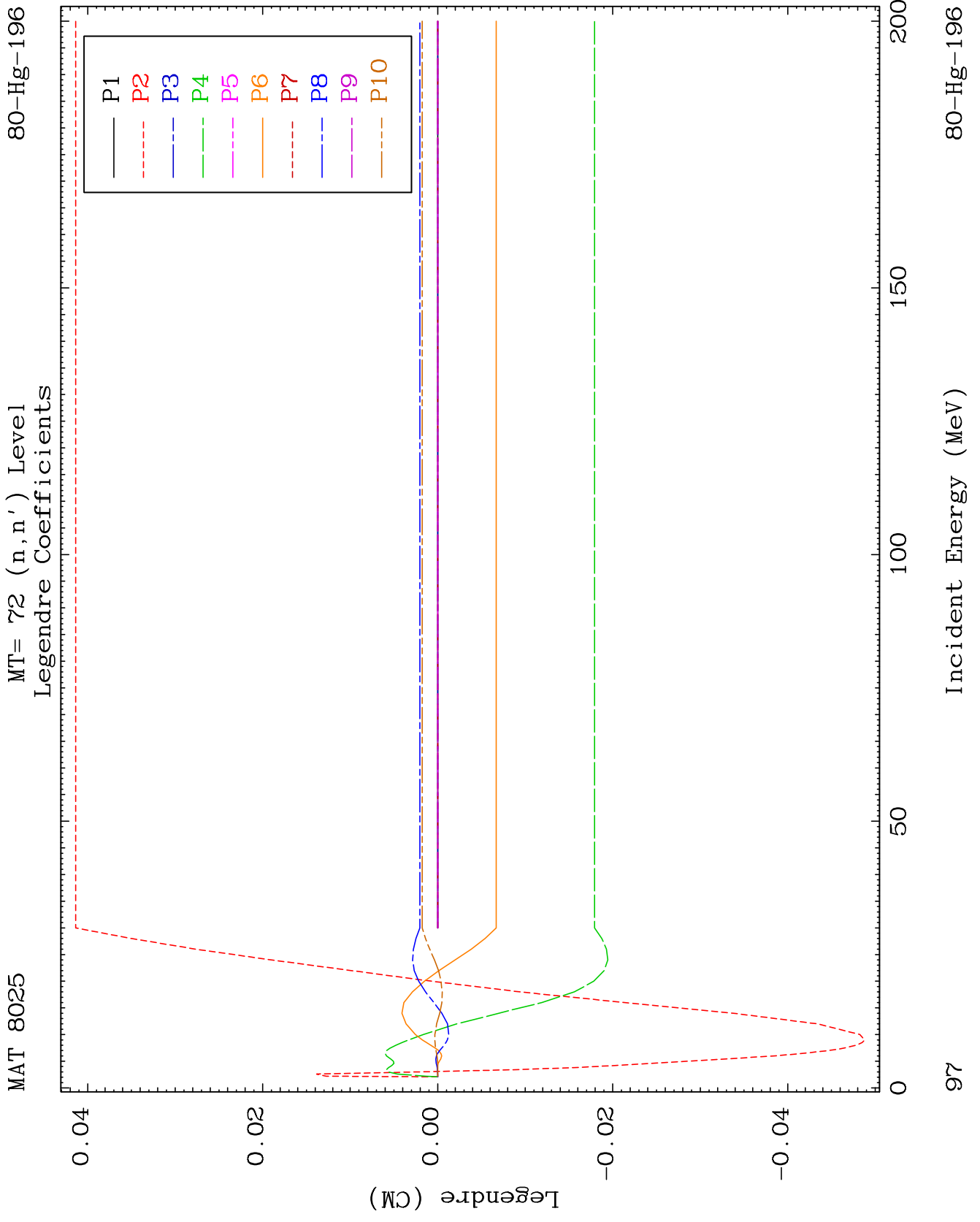
80-Hg-196







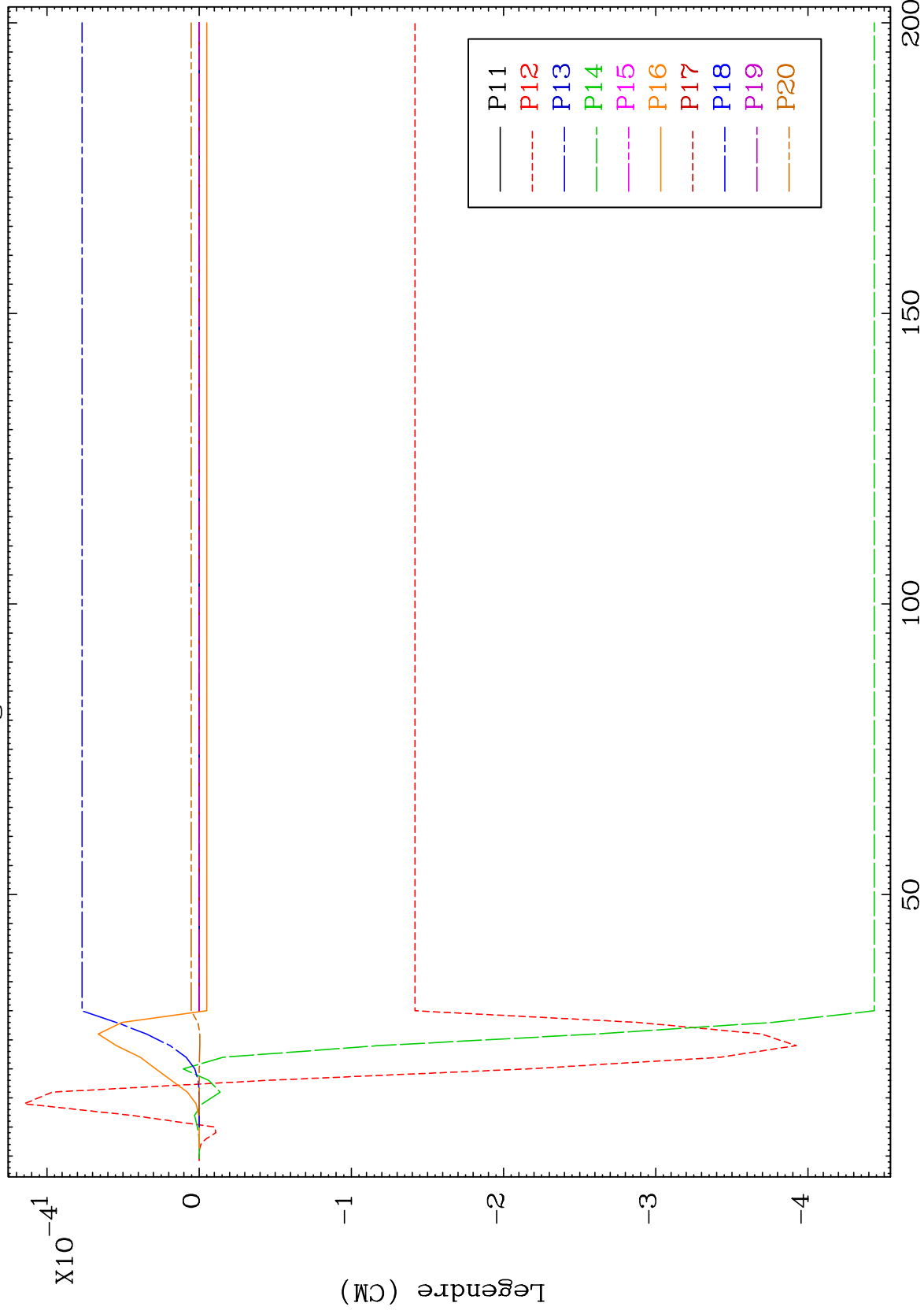




MAT 8025

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

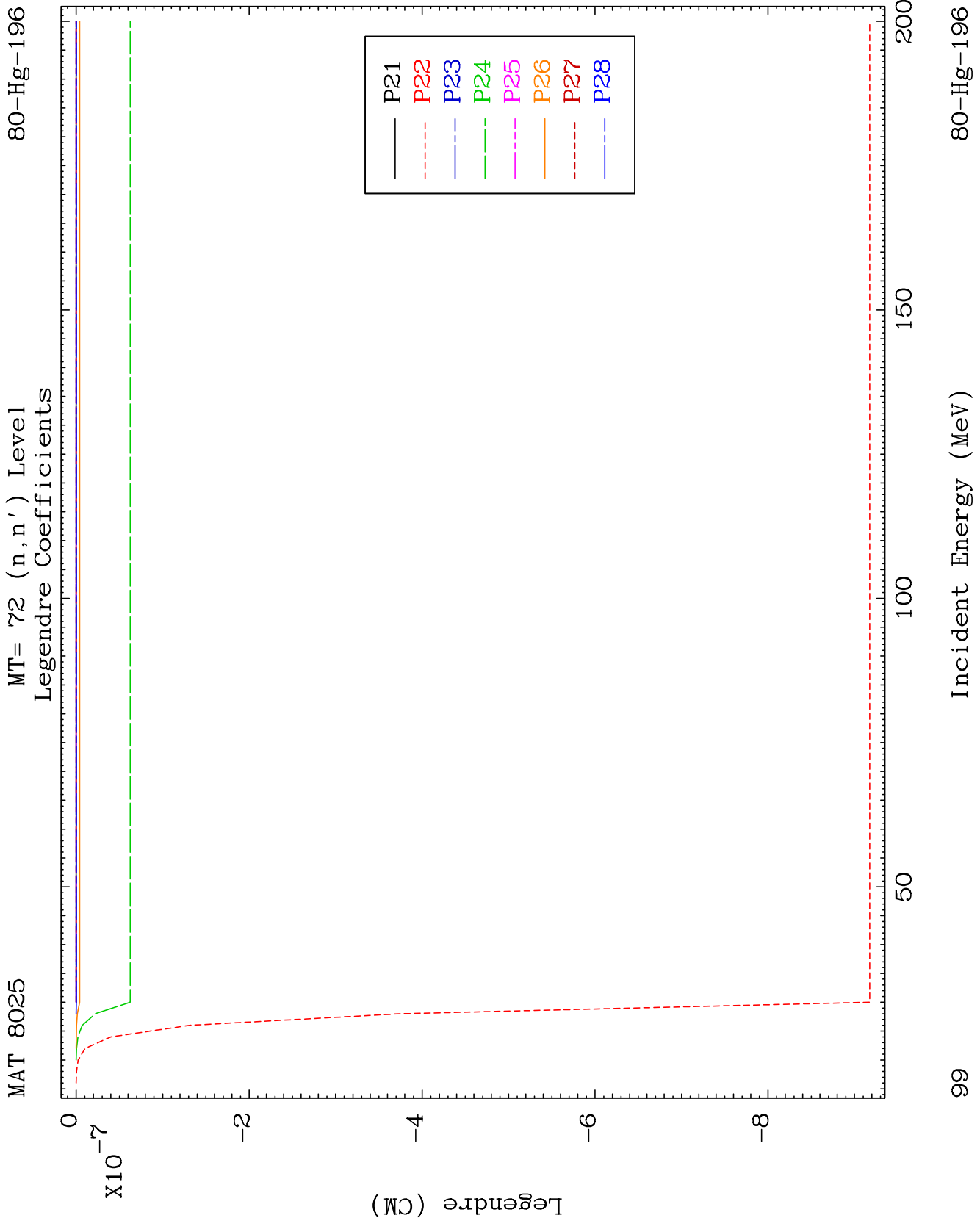
80-Hg-196

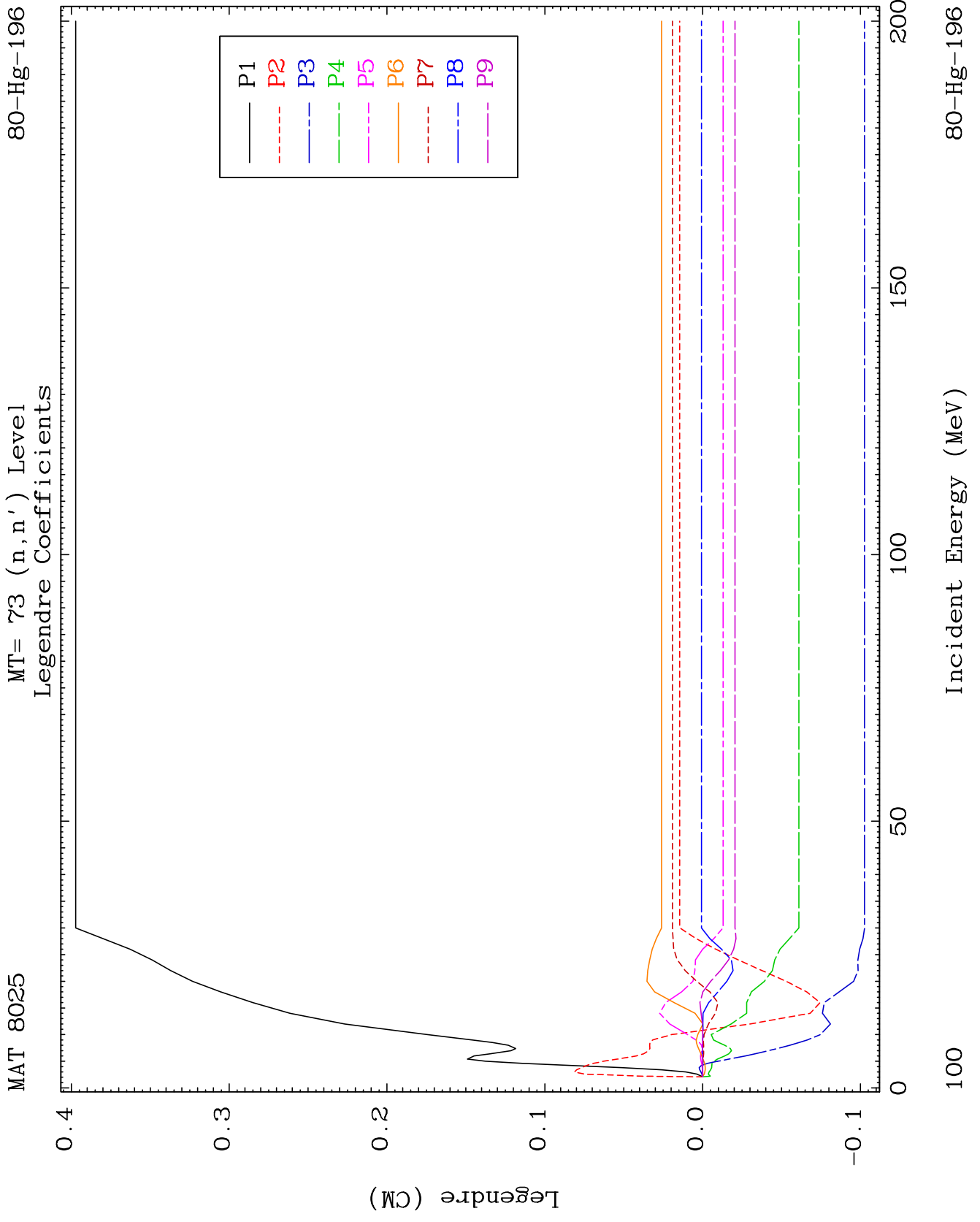


98

Incident Energy (MeV)

80-Hg-196

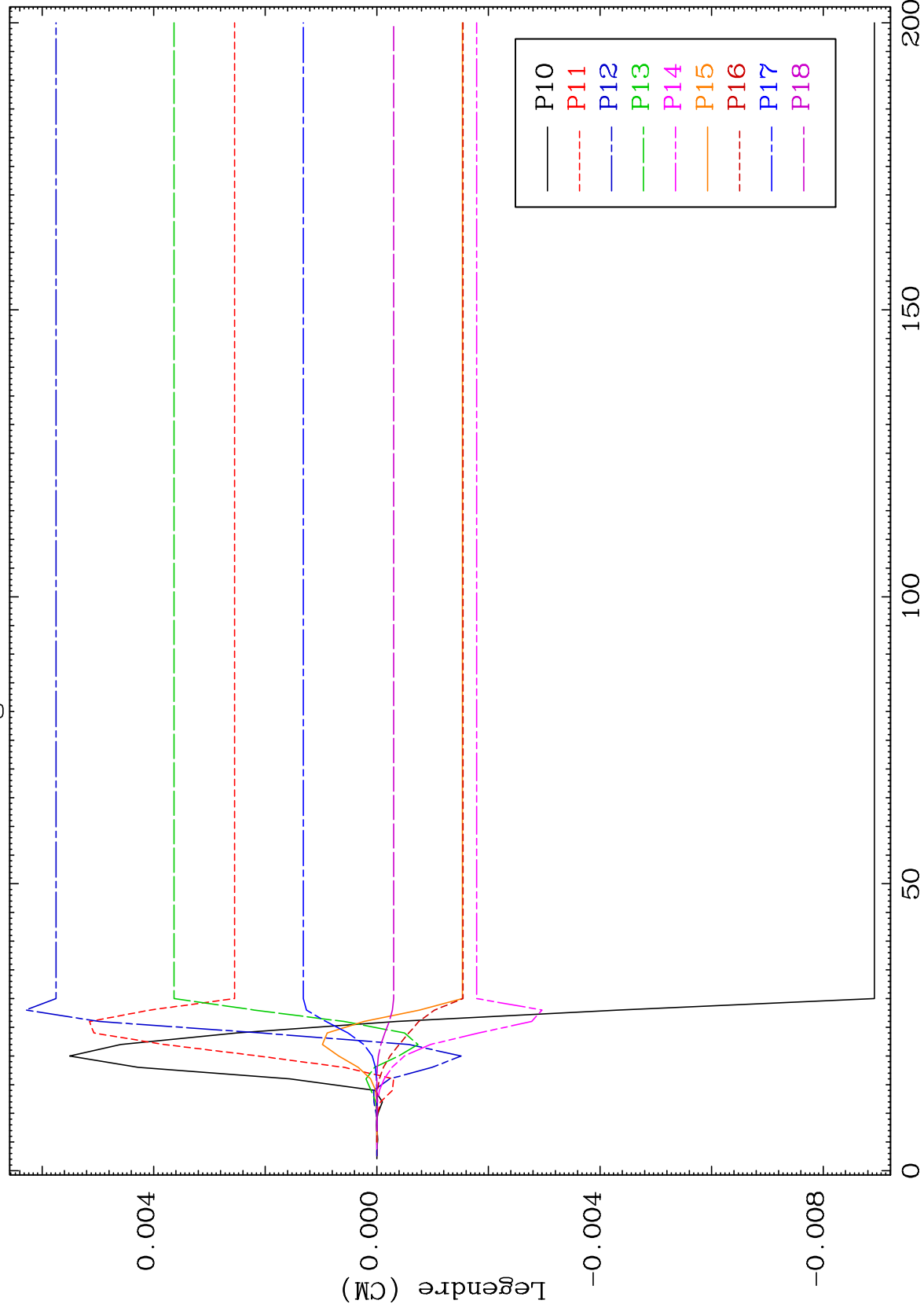




MAT 8025

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

80-Hg-196



101

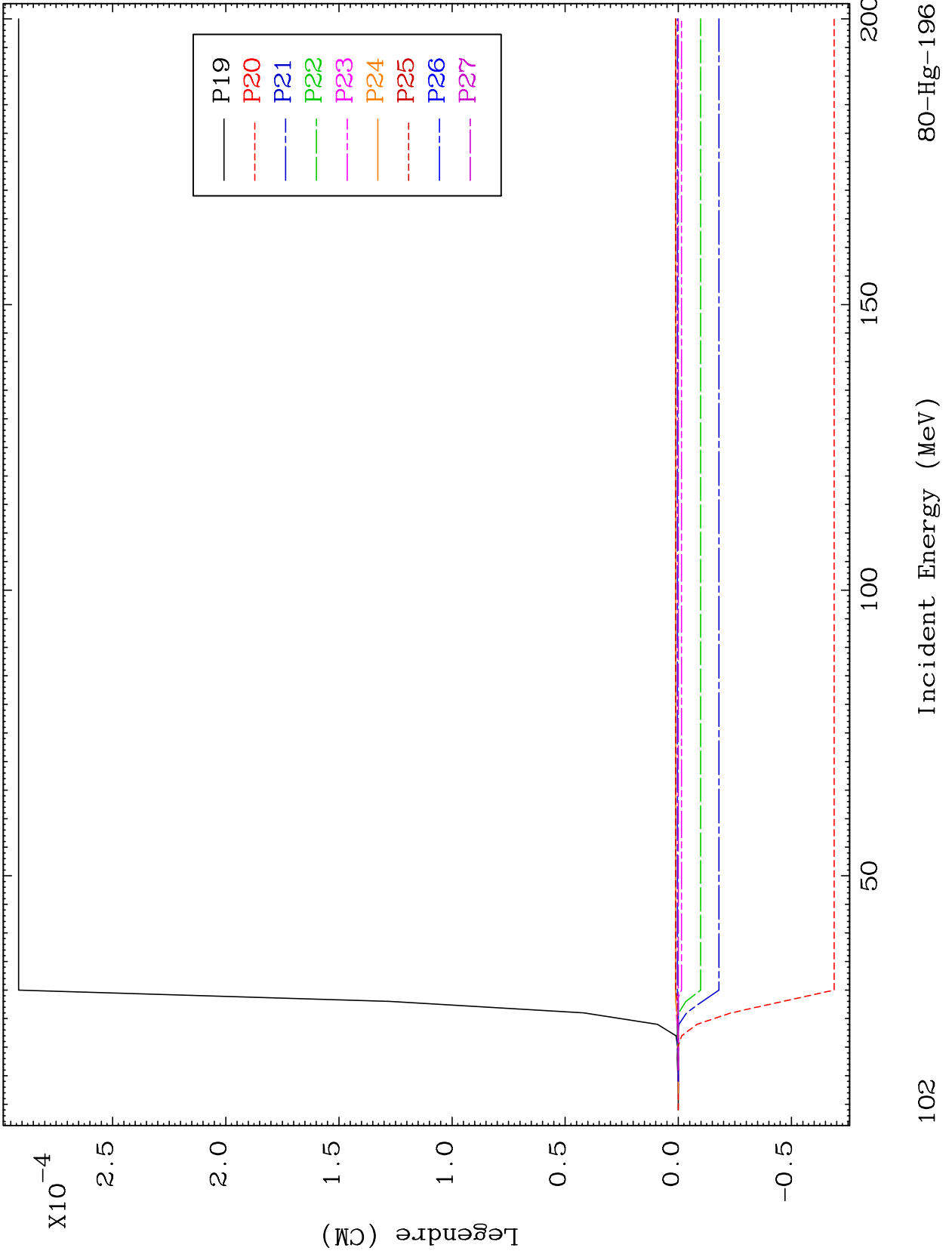
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



102

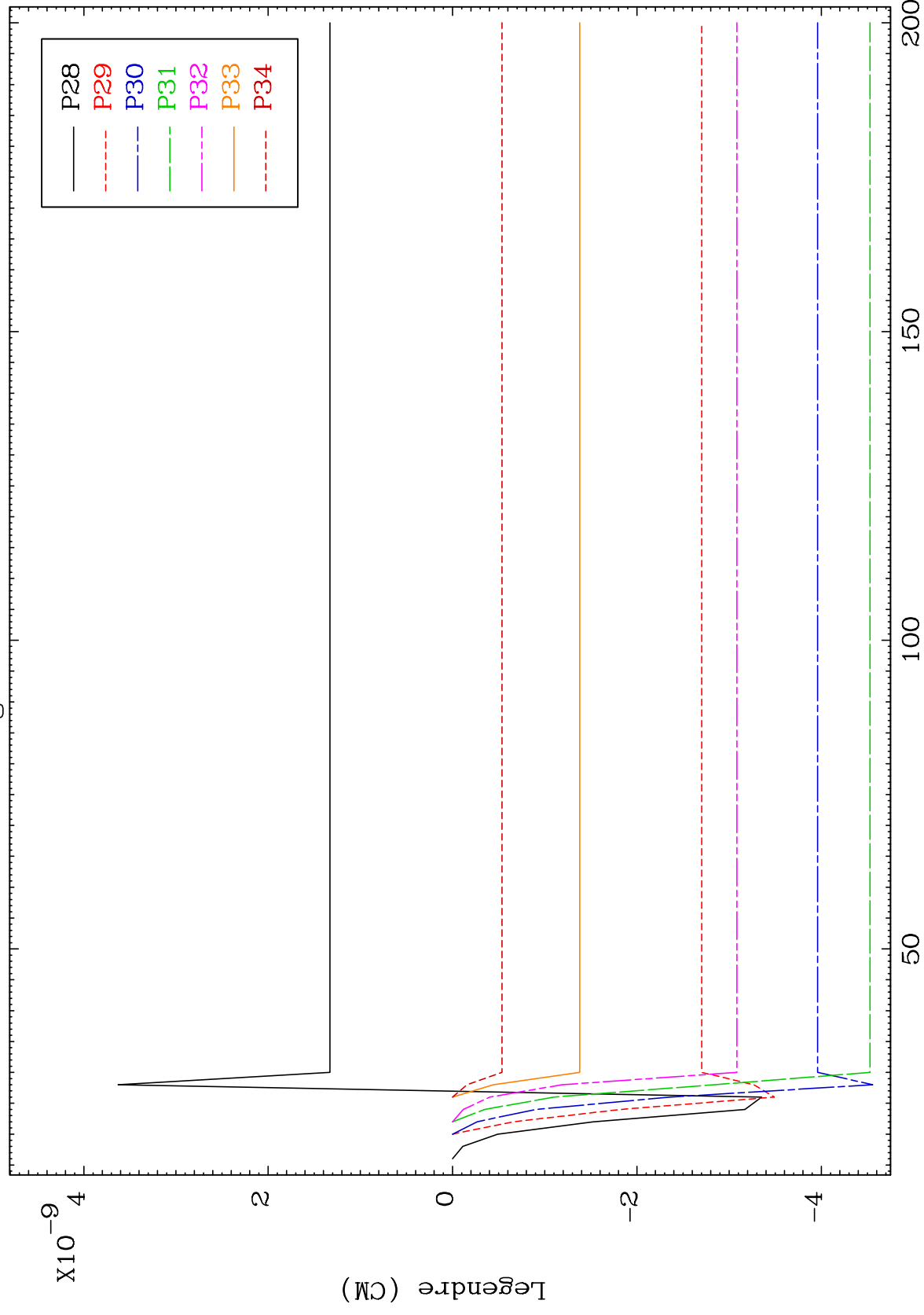
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



103

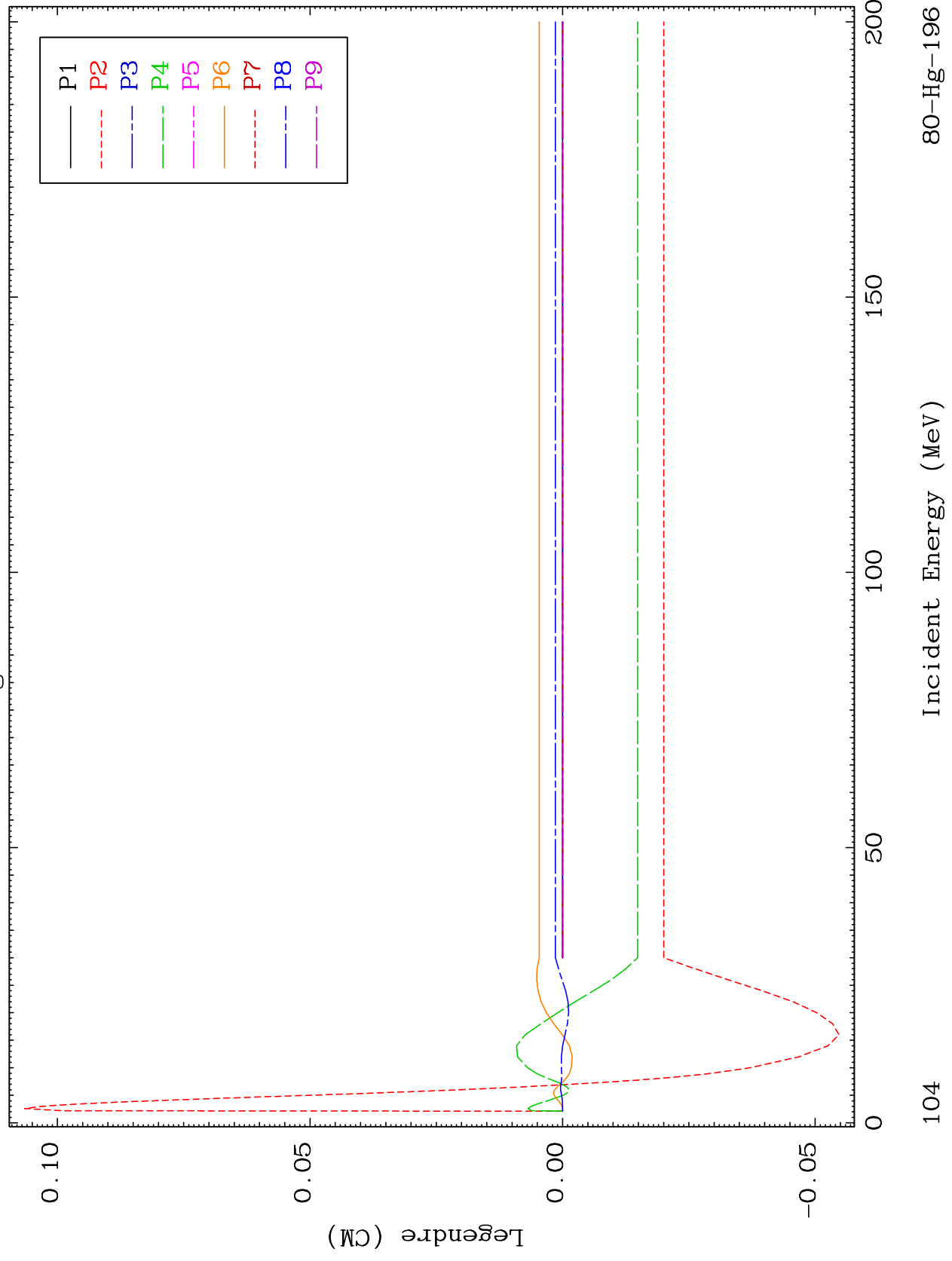
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

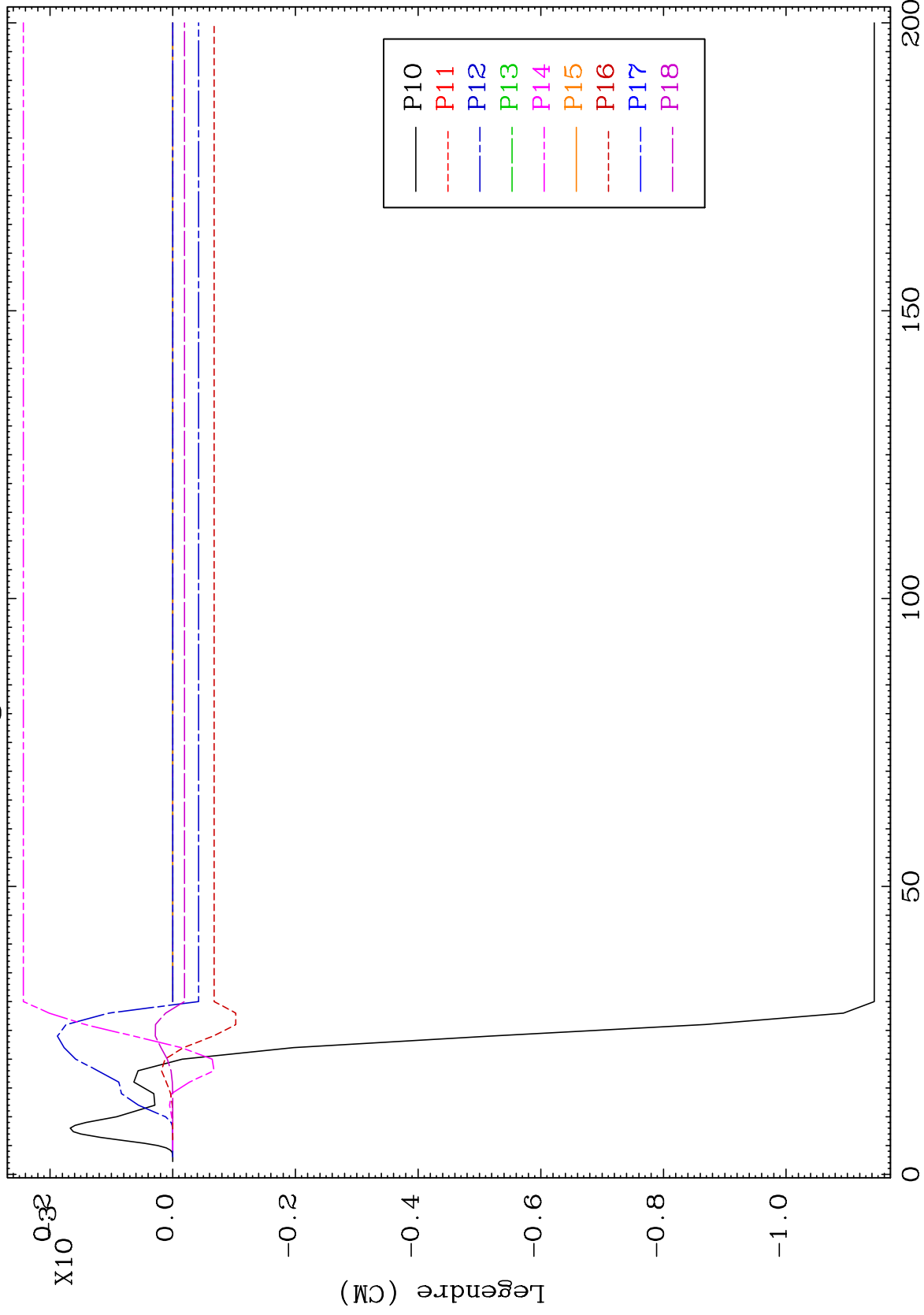
80-Hg-196



MAT 8025

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

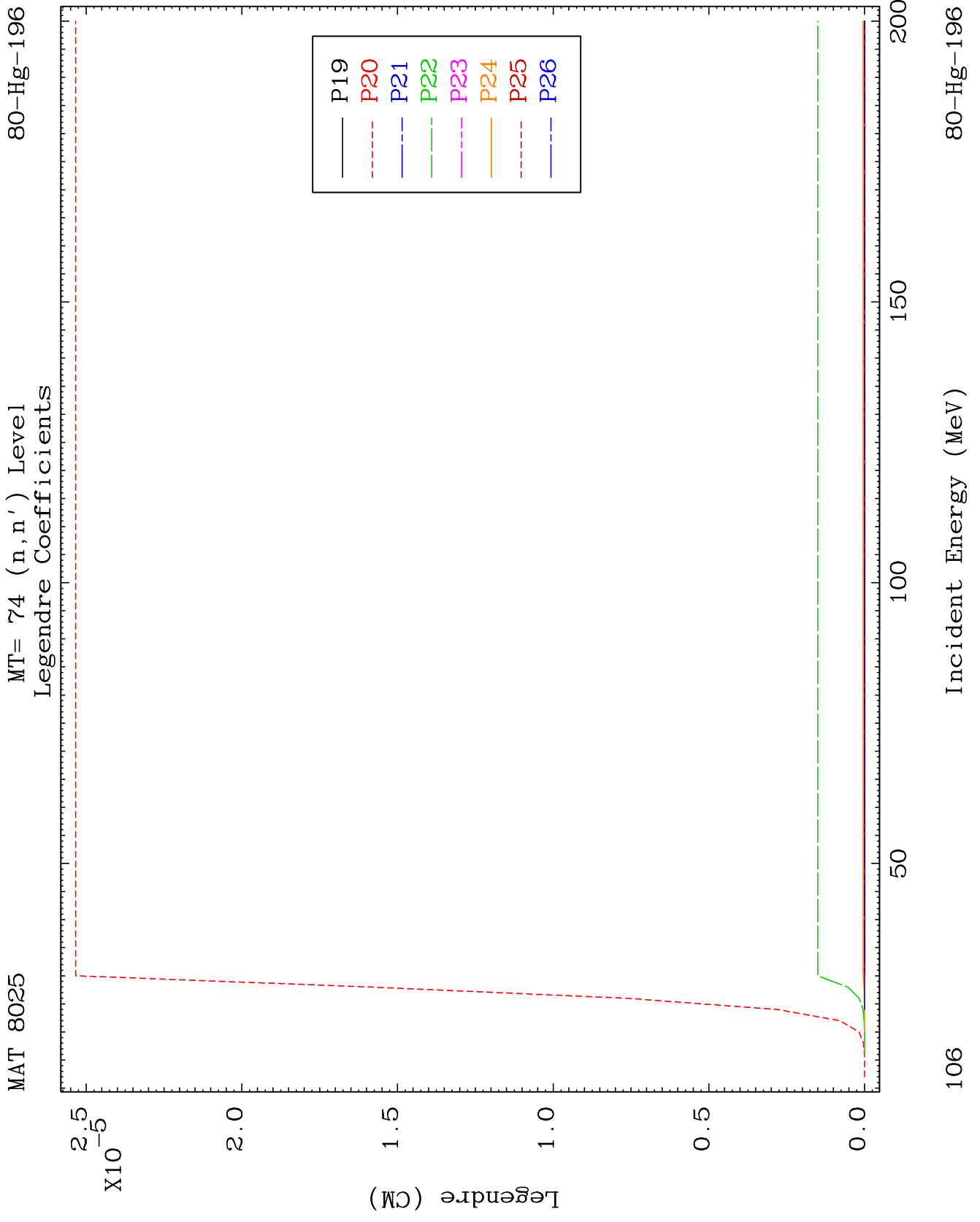
80-Hg-196



105

Incident Energy (MeV)

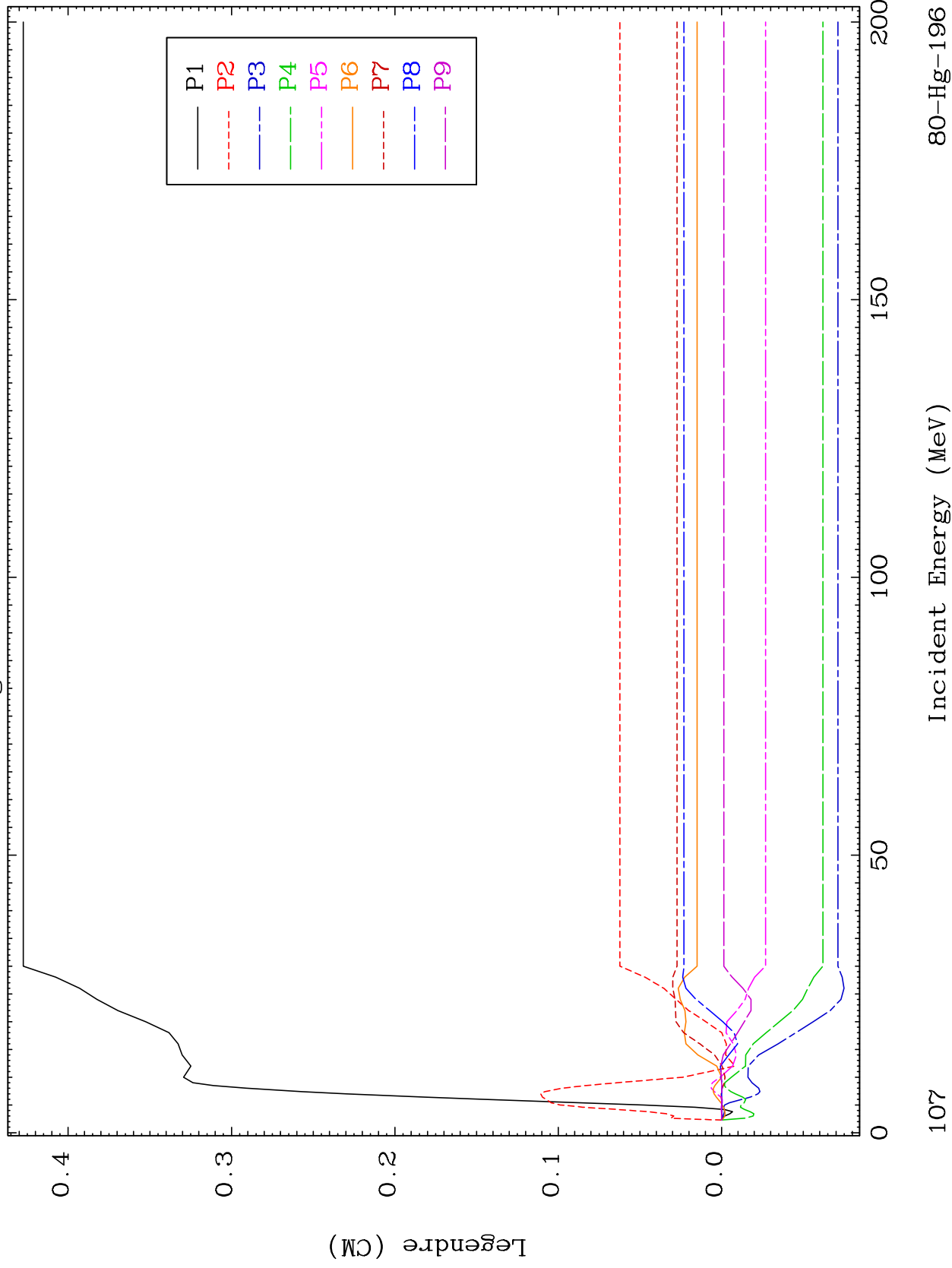
80-Hg-196



MAT 8025

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

80-Hg-196



80-Hg-196

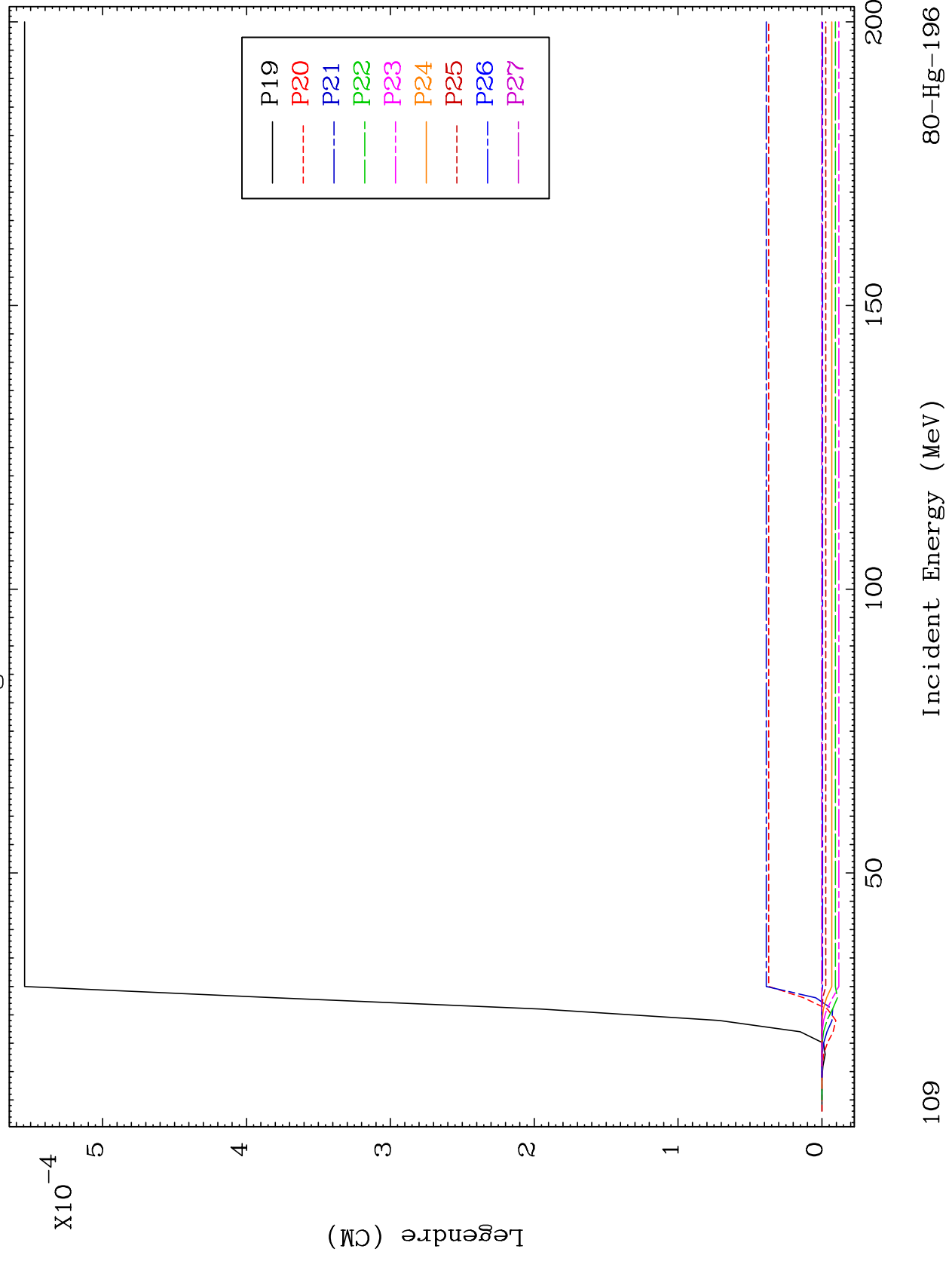
Incident Energy (MeV)

107

MAT 8025

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

80-Hg-196

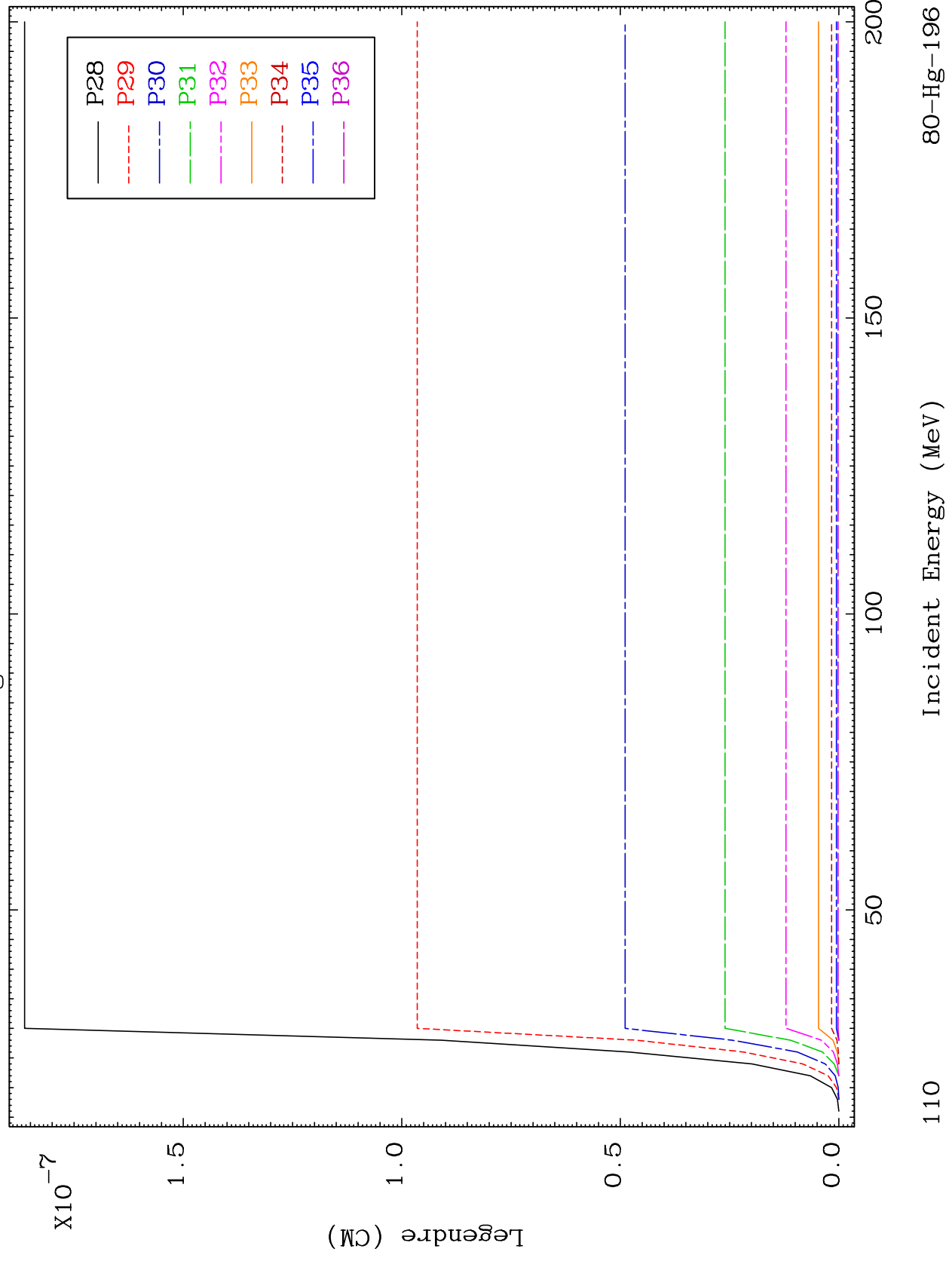


109

MAT 8025

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

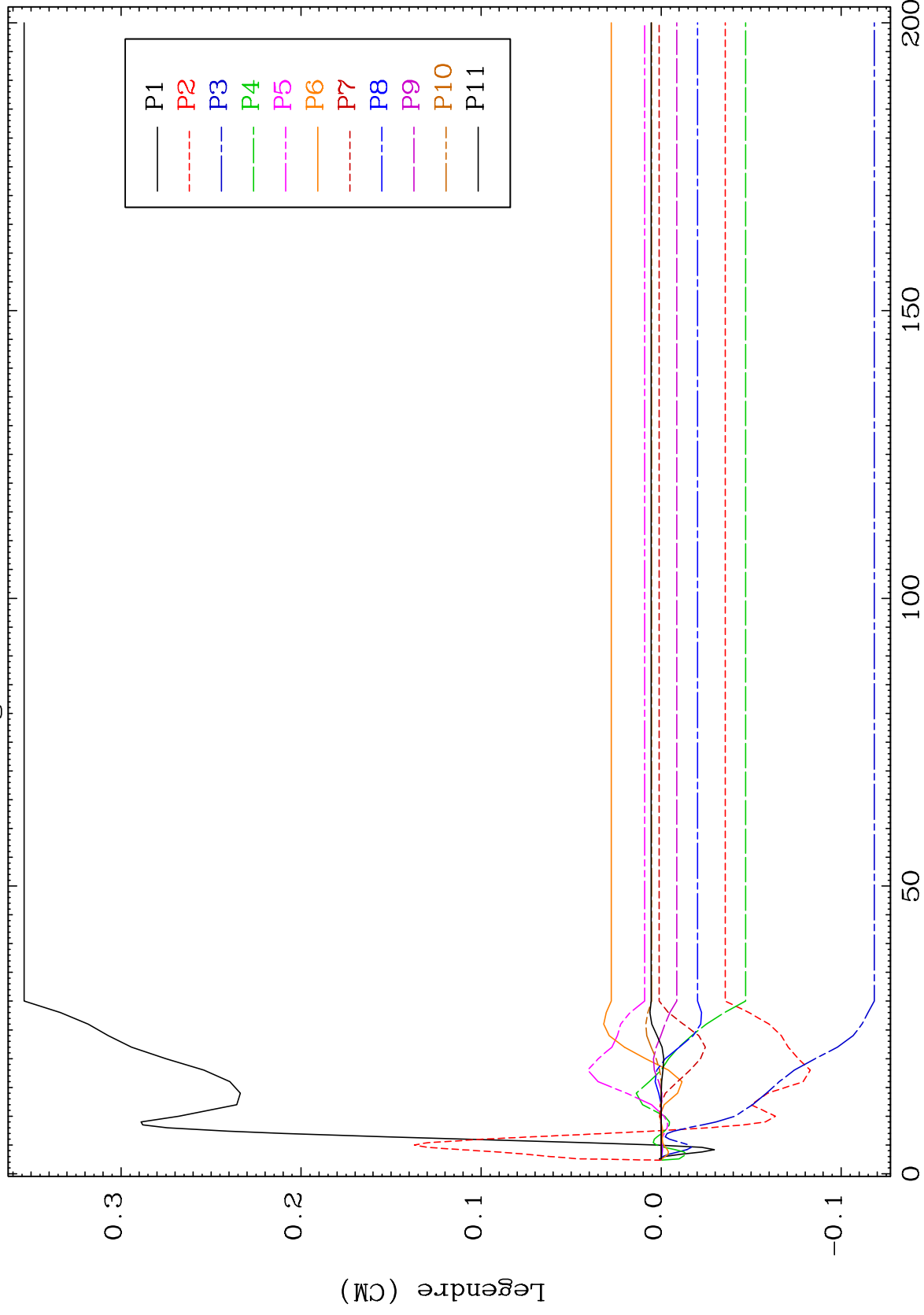
80-Hg-196



MAT 8025

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

80-Hg-196



111

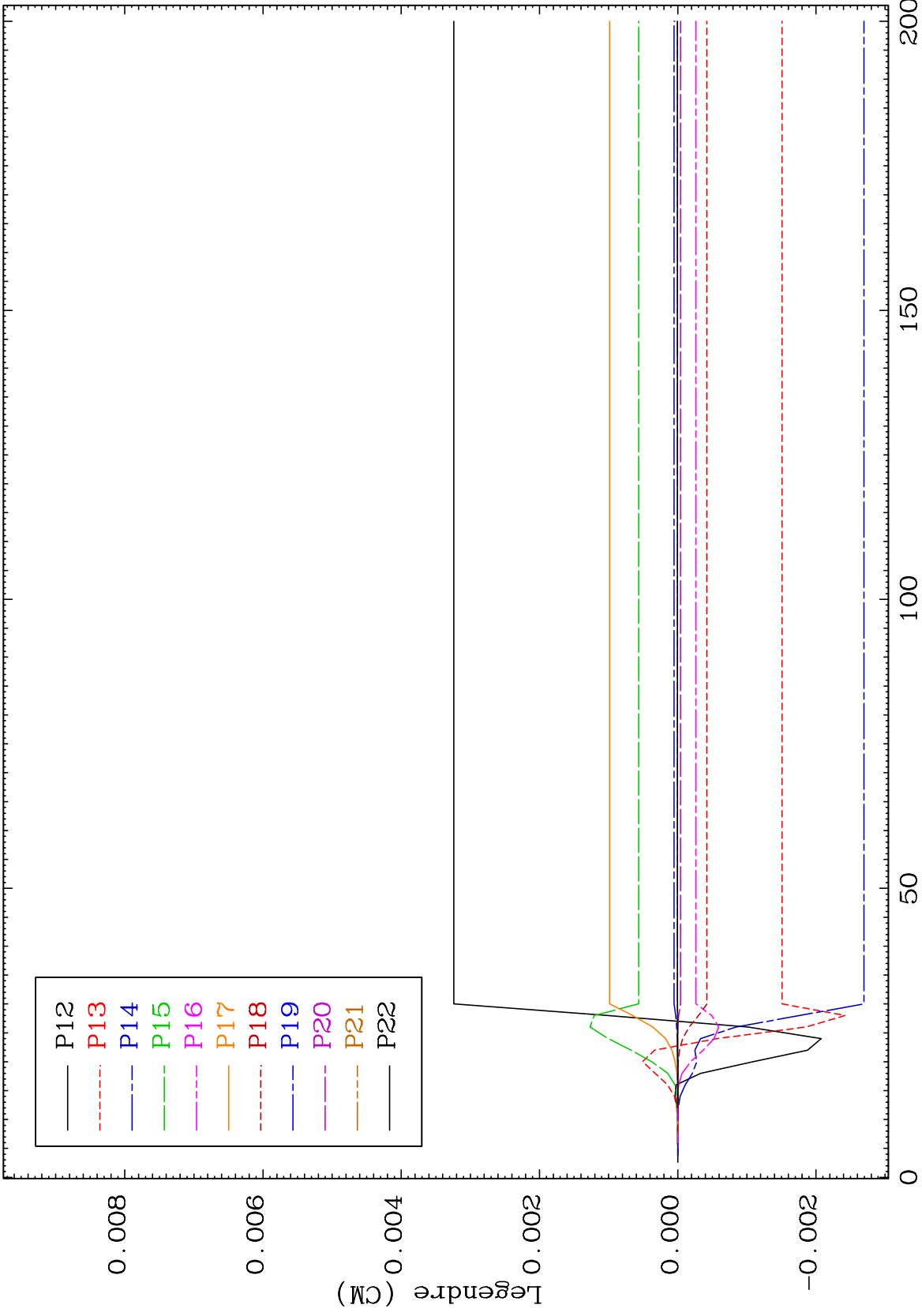
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

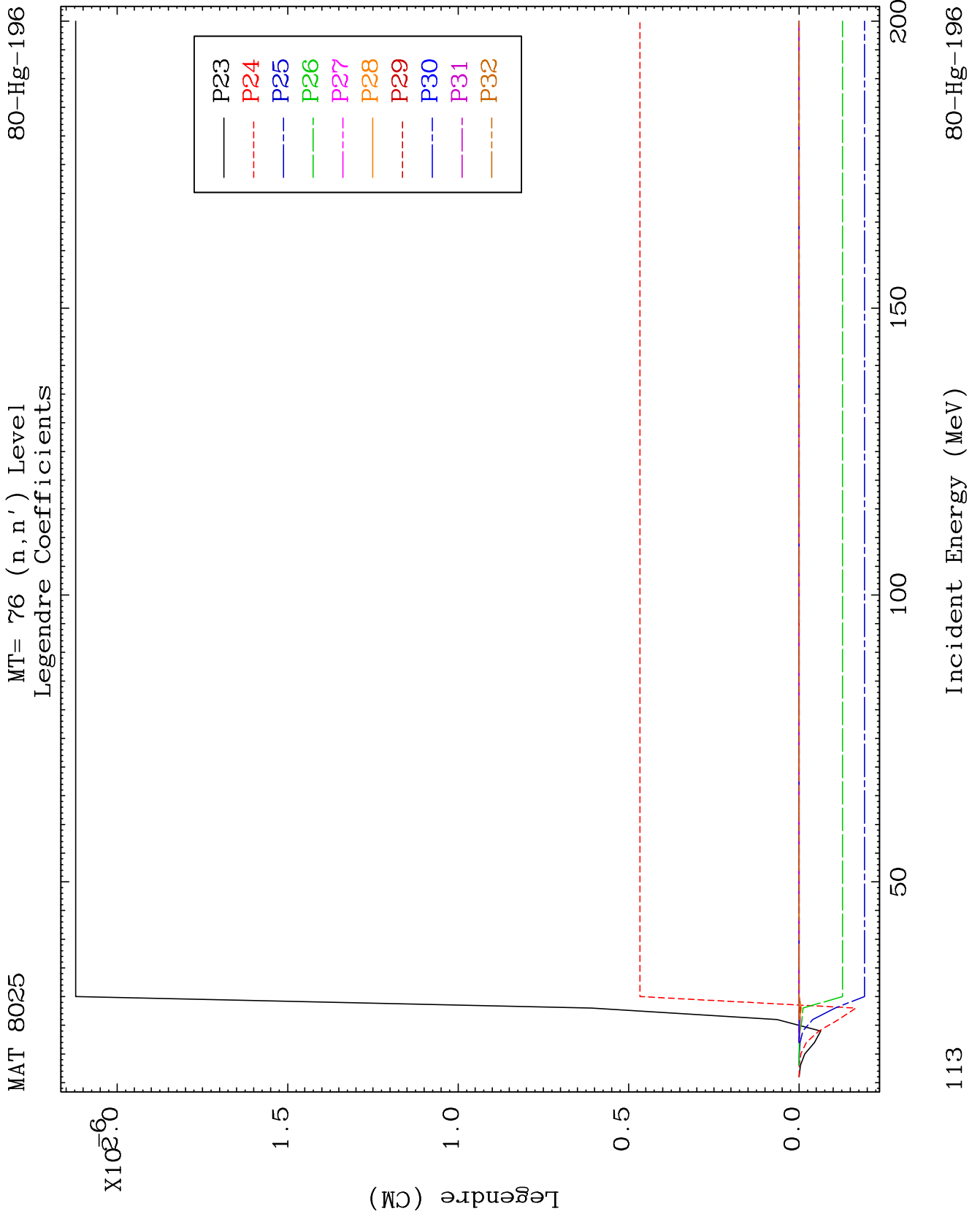
80-Hg-196



112

Incident Energy (MeV)

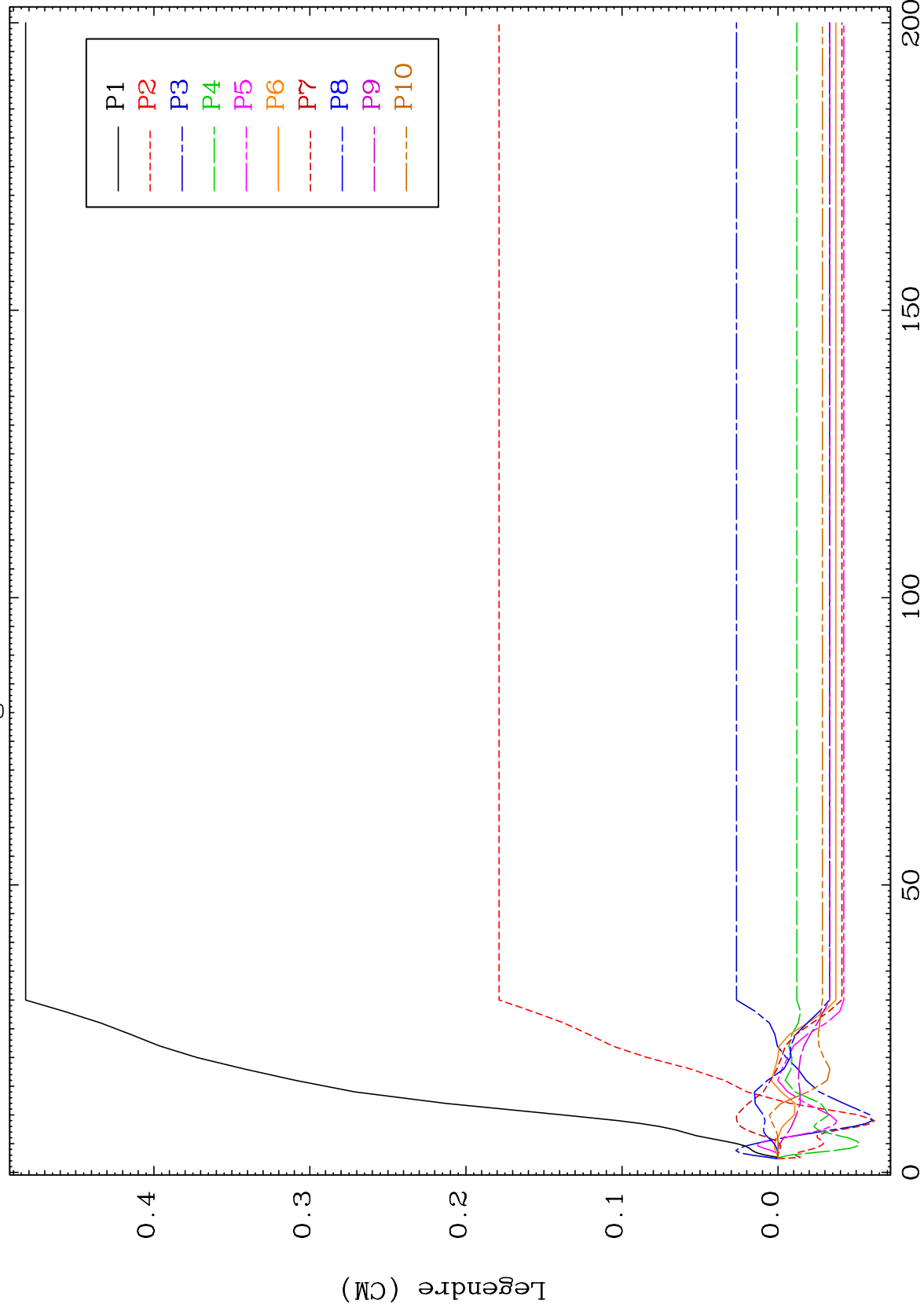
80-Hg-196



MAT 8025

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

80-Hg-196



114

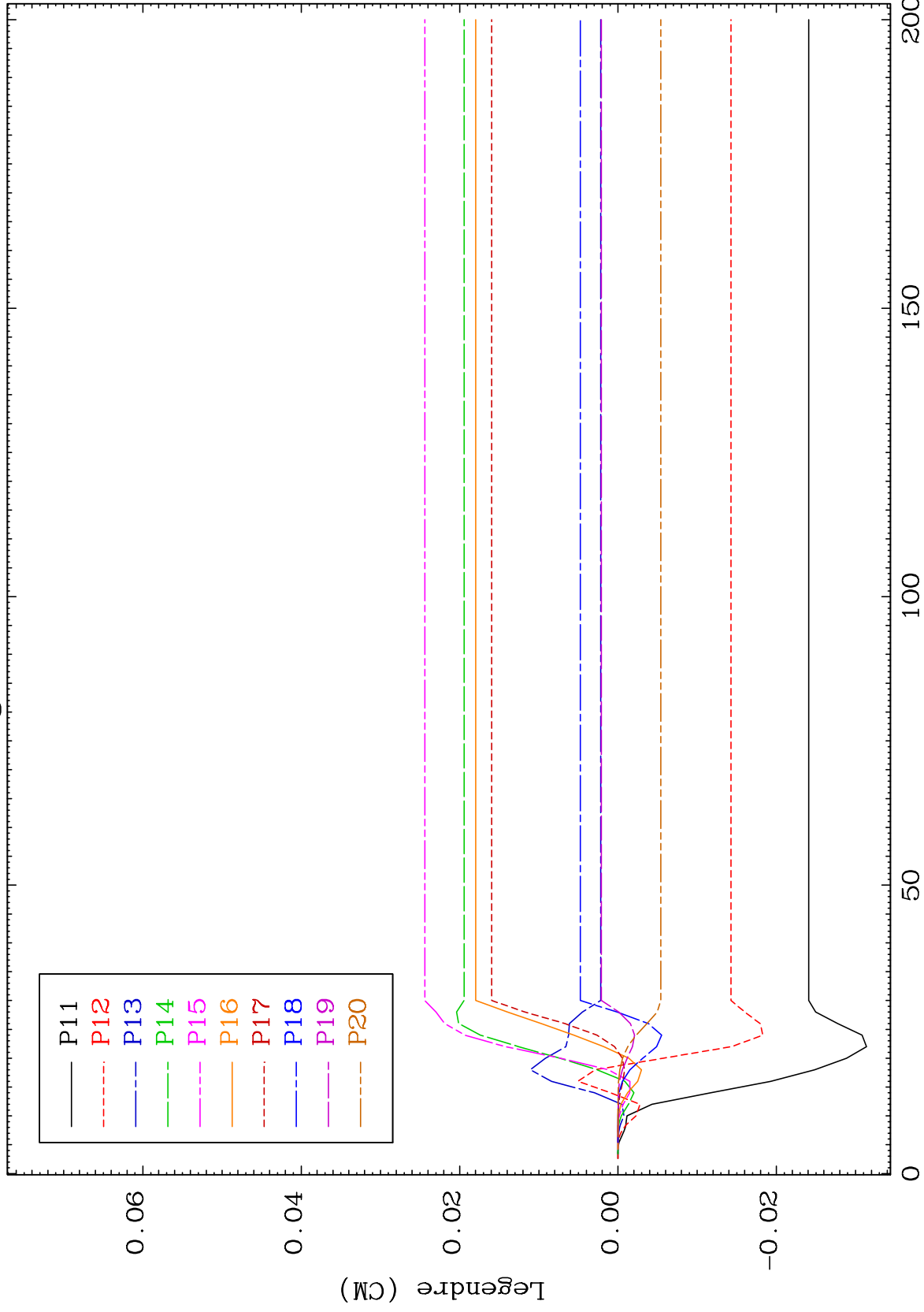
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

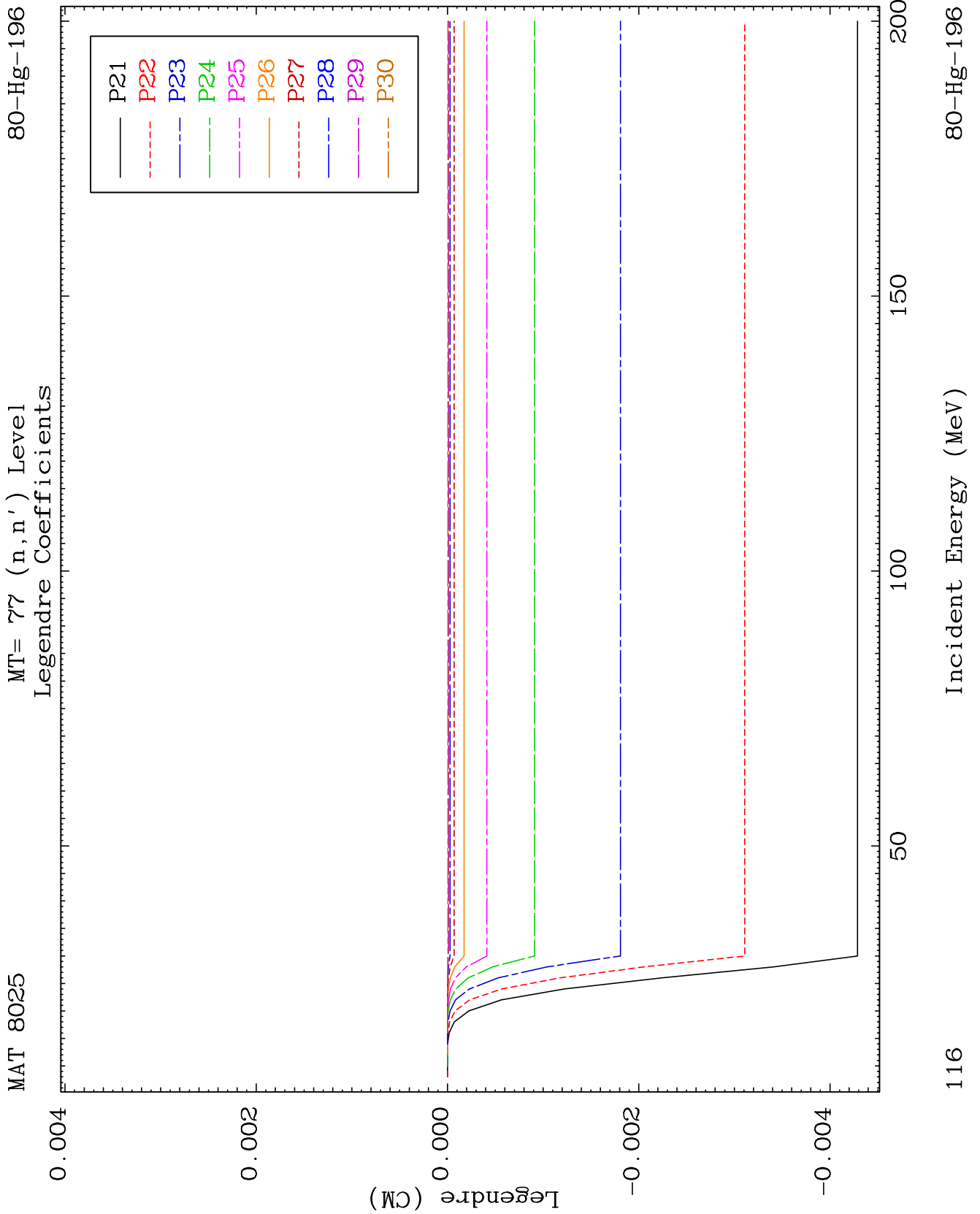
80-Hg-196

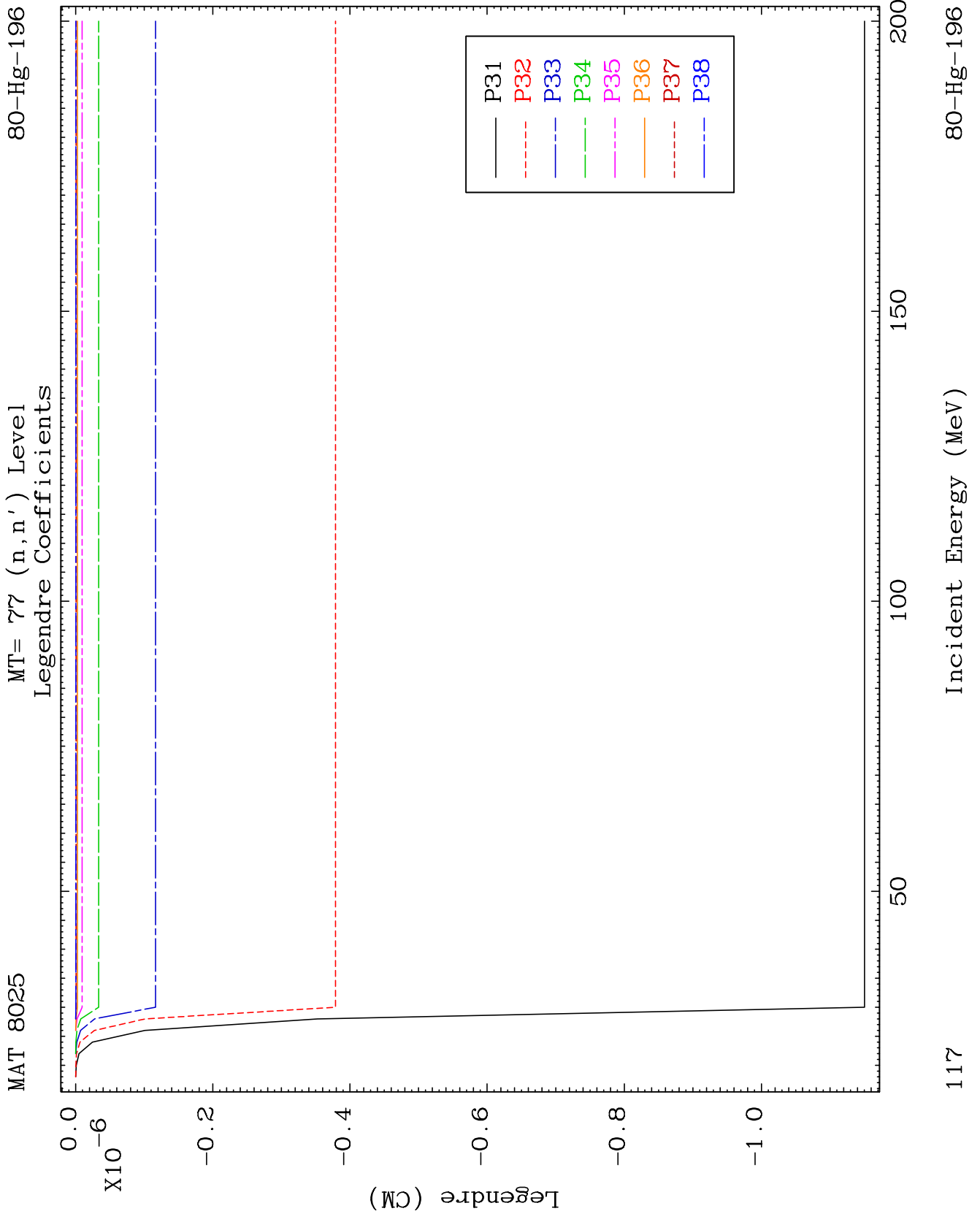


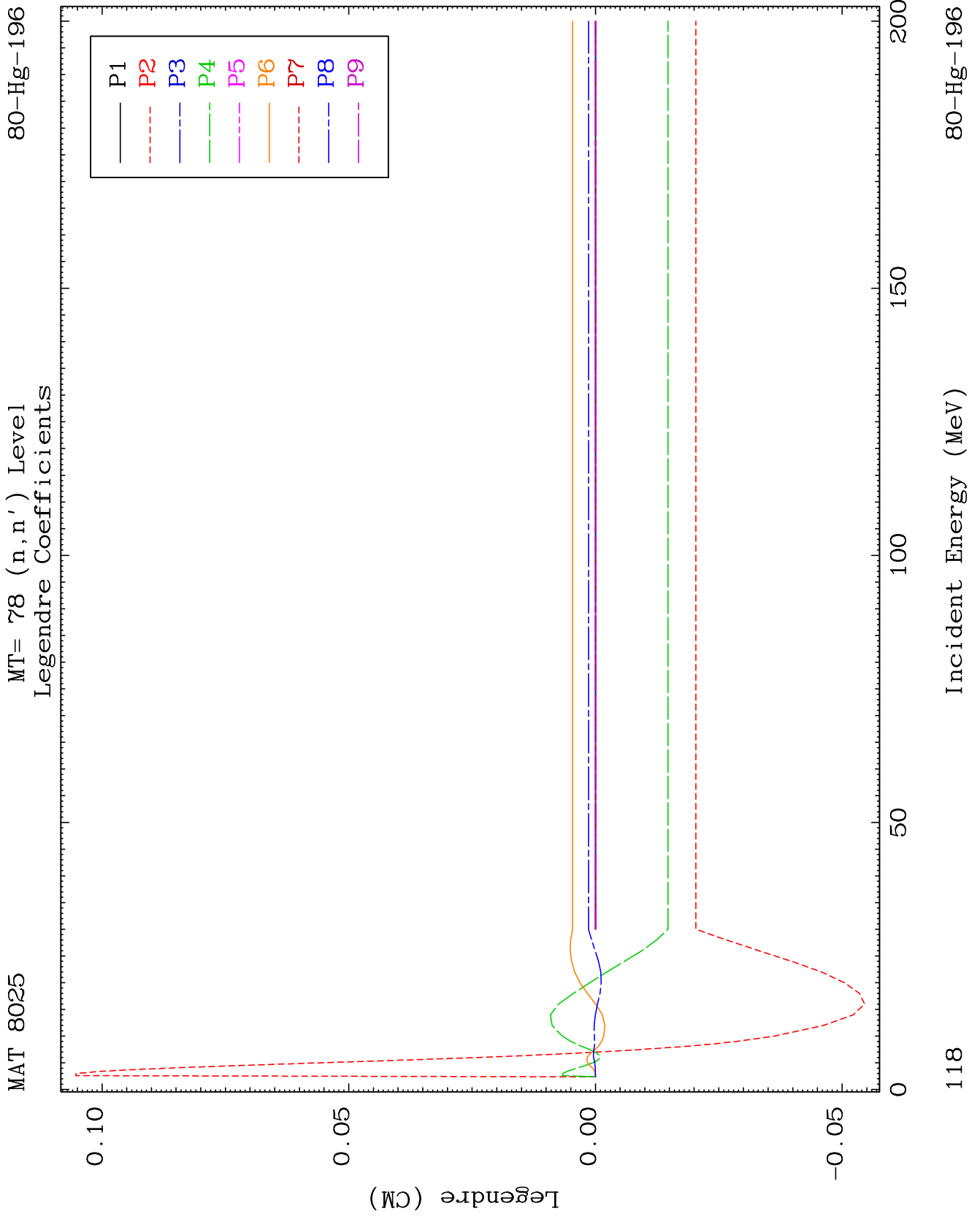
115

Incident Energy (MeV)

80-Hg-196



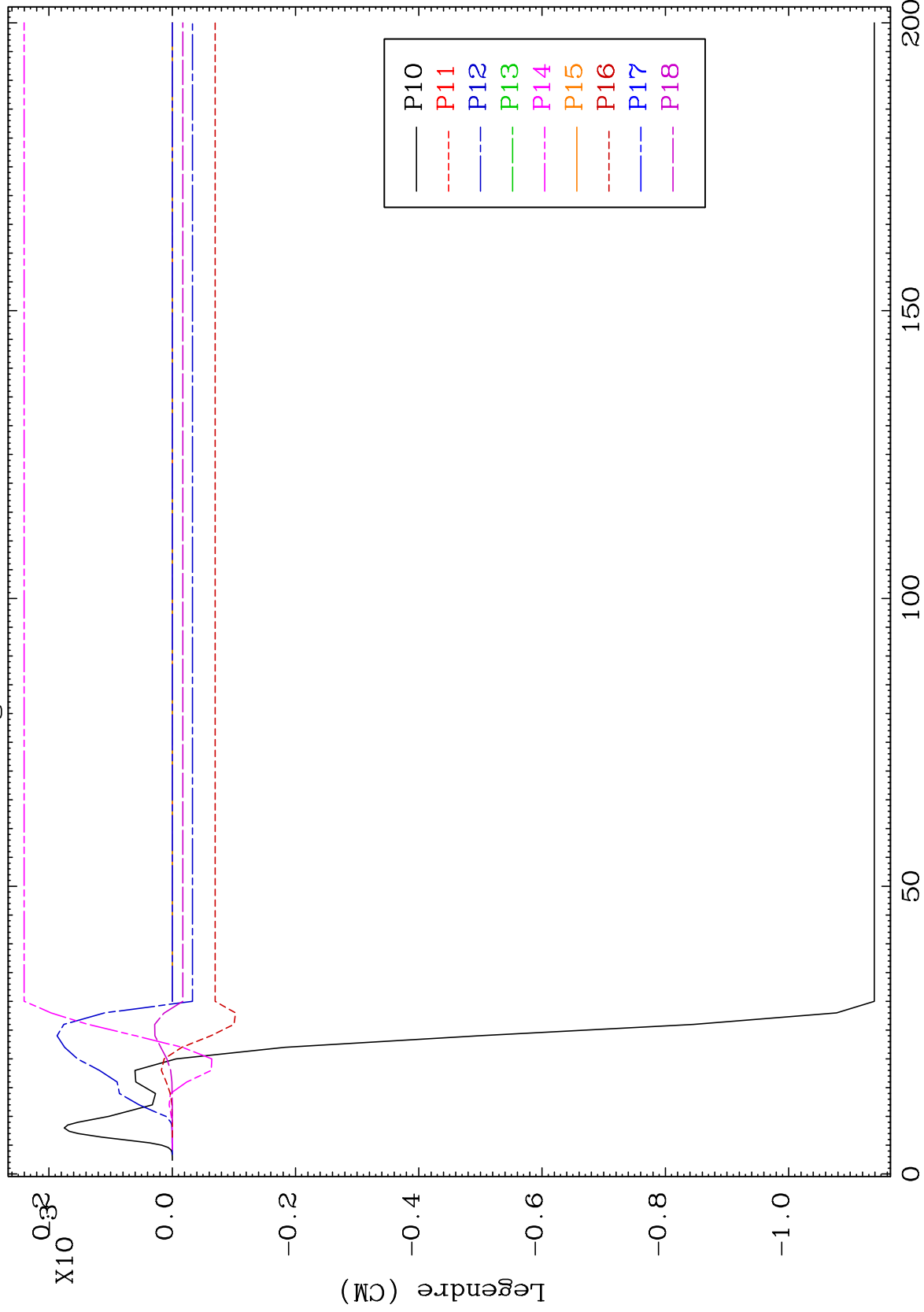




MAT 8025

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

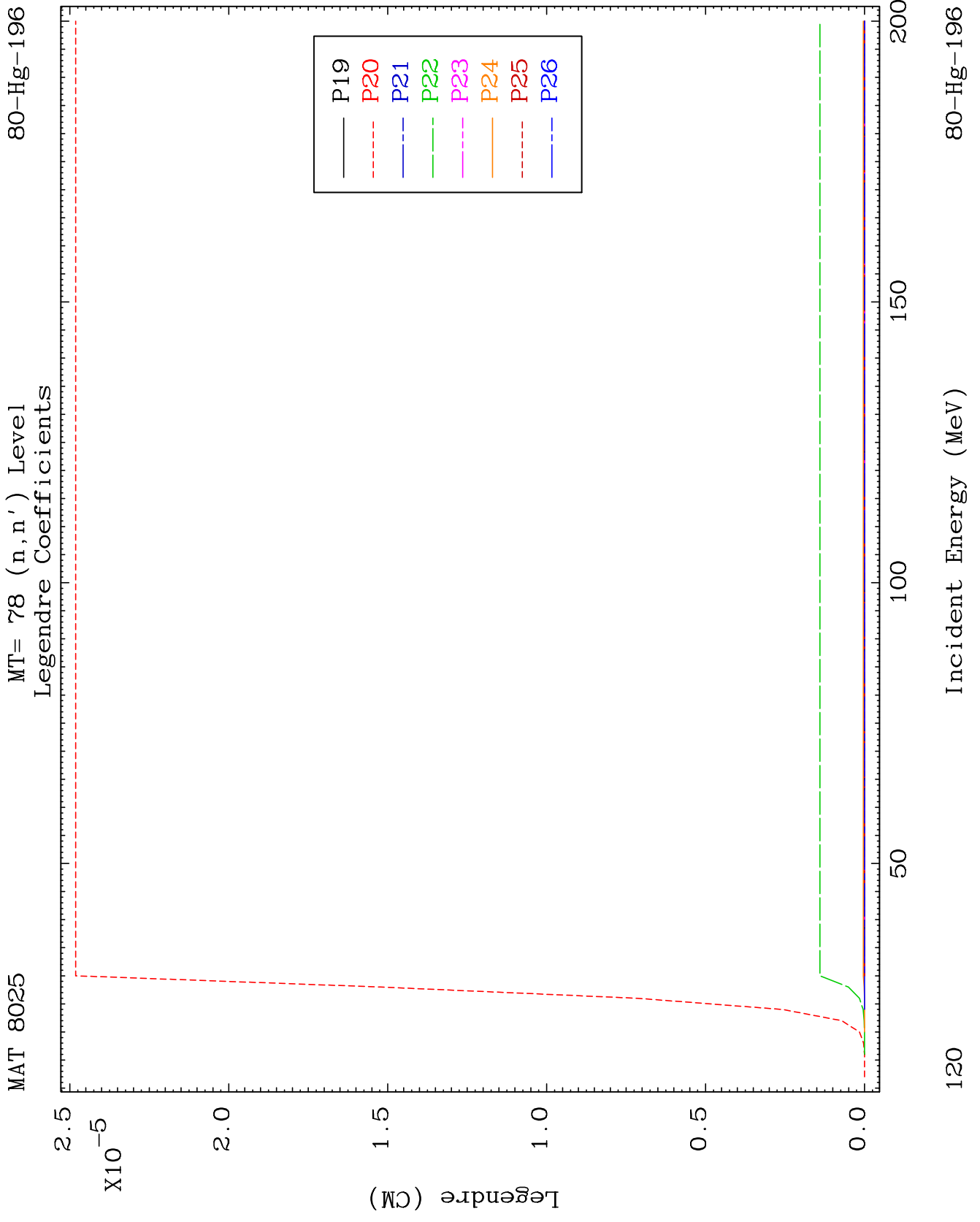
80-Hg-196



119

Incident Energy (MeV)

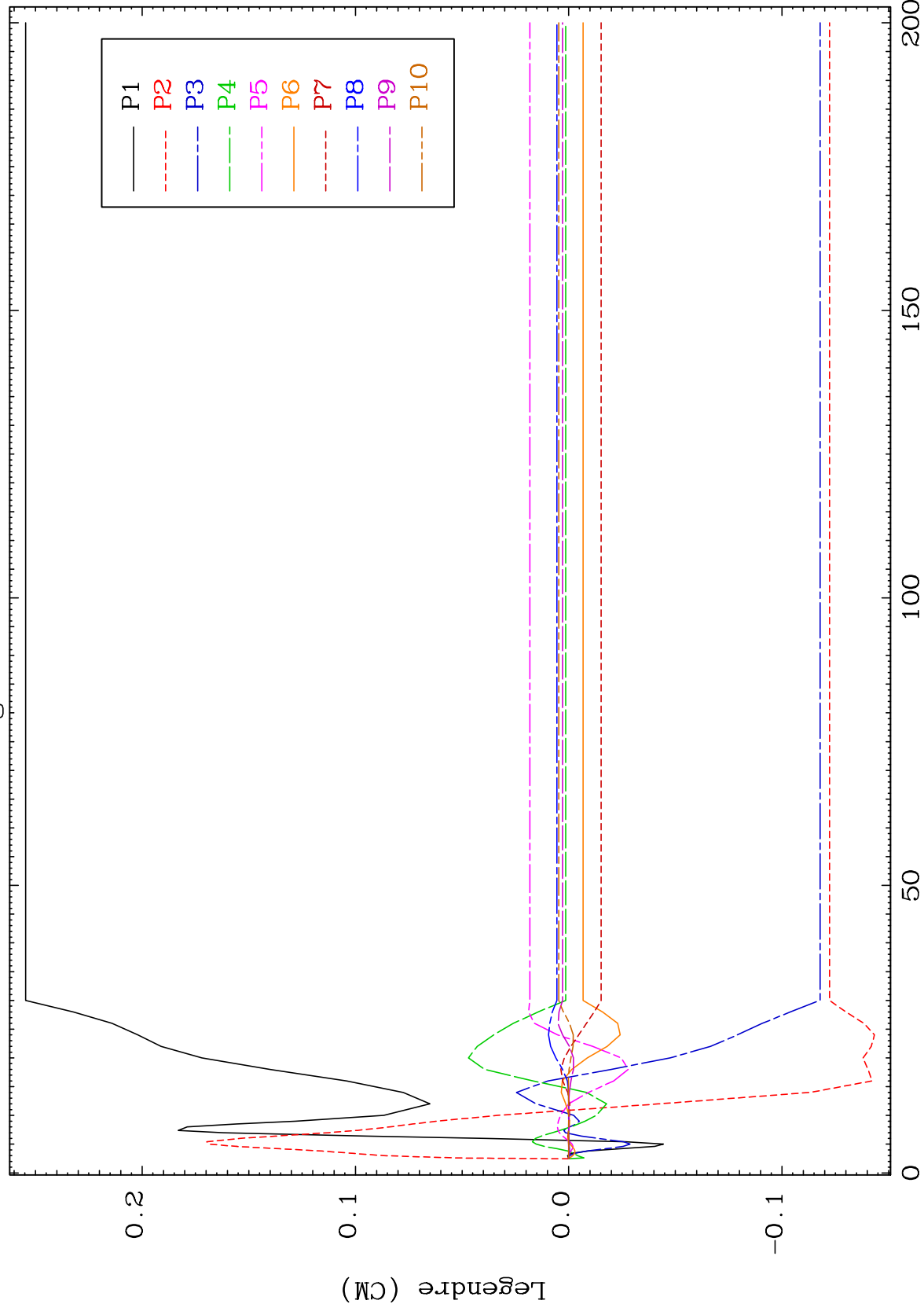
80-Hg-196



MAT 8025

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

80-Hg-196



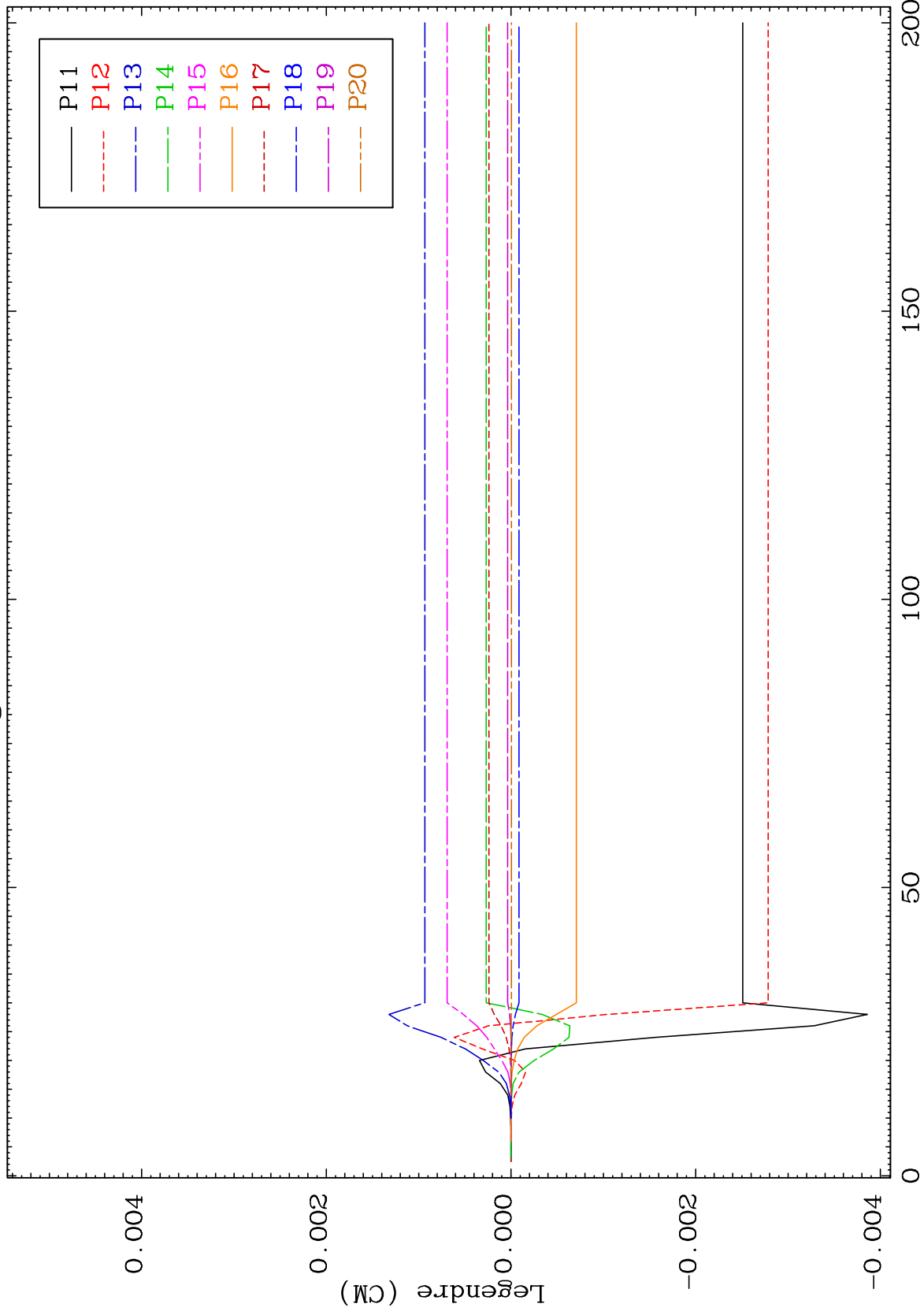
121

80-Hg-196

MAT 8025

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

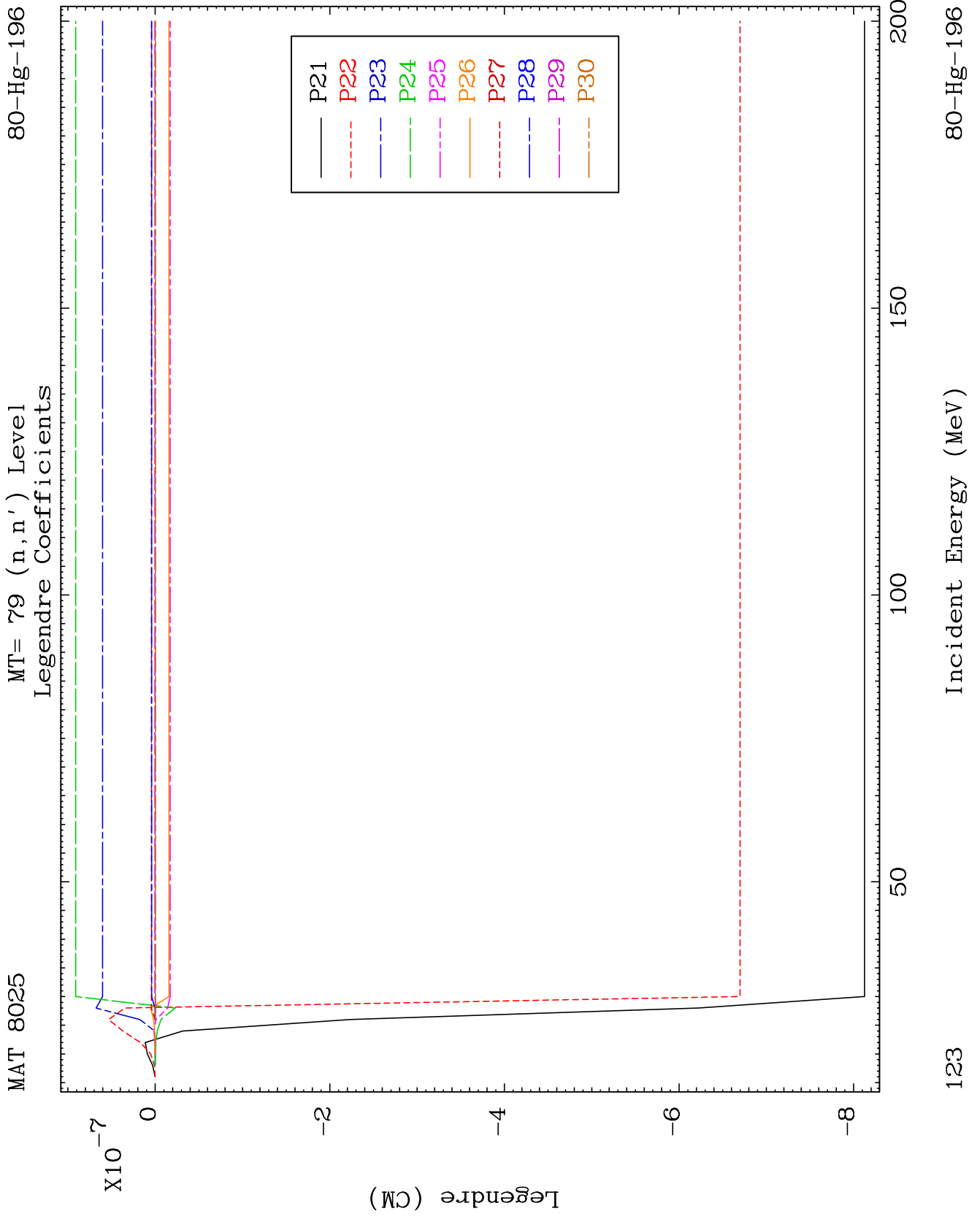
80-Hg-196

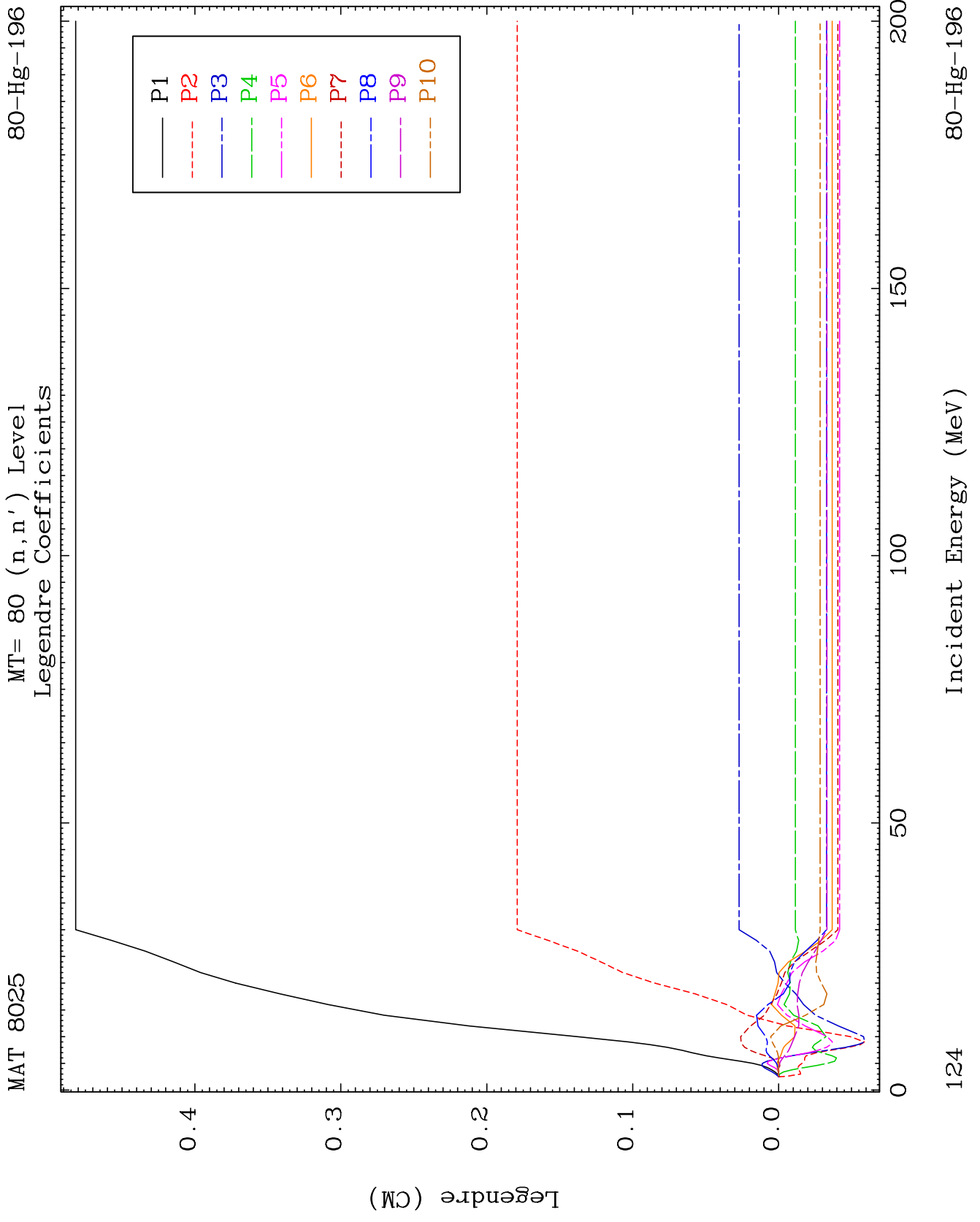


122

Incident Energy (MeV)

80-Hg-196

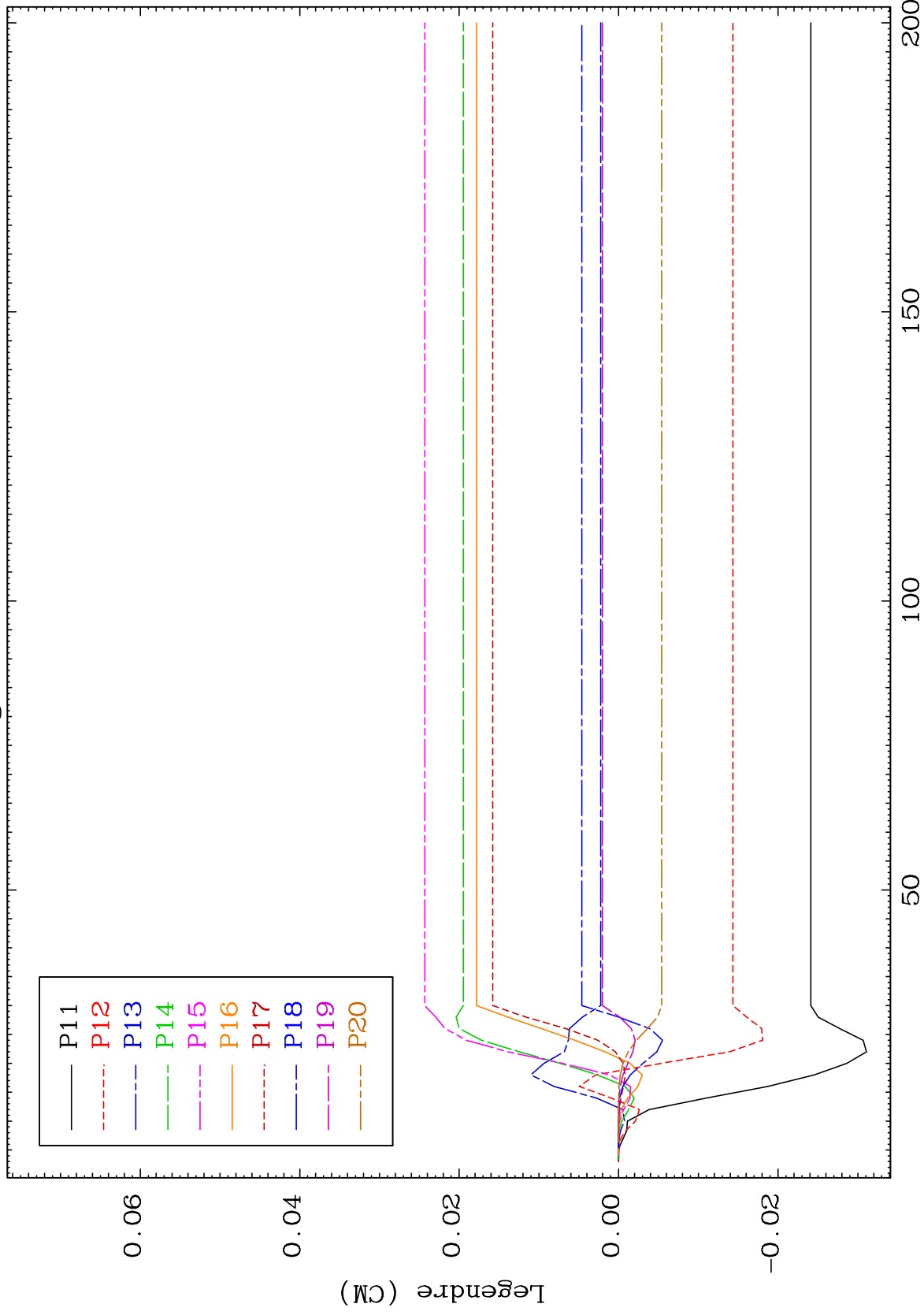




MAT 8025

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

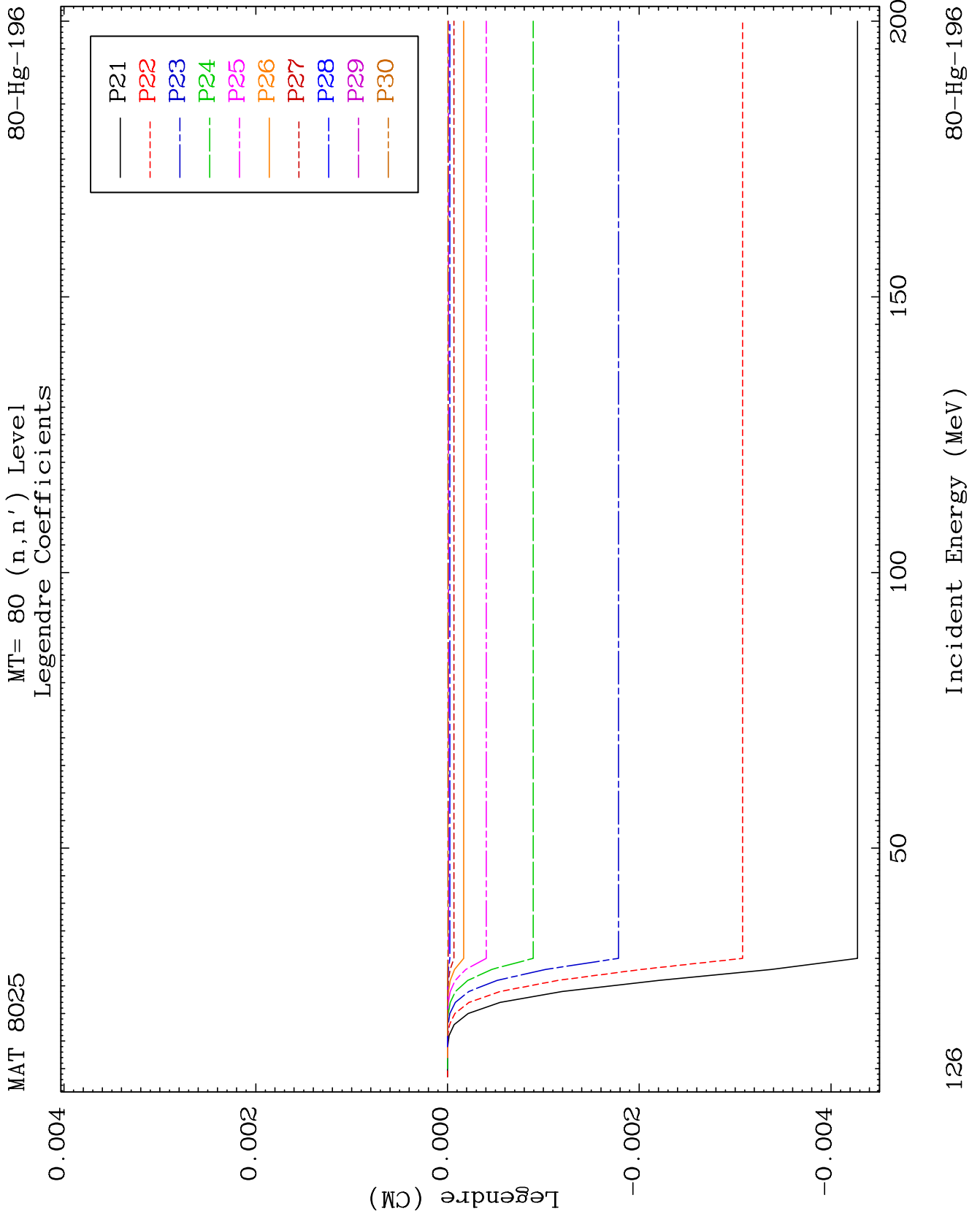
80-Hg-196

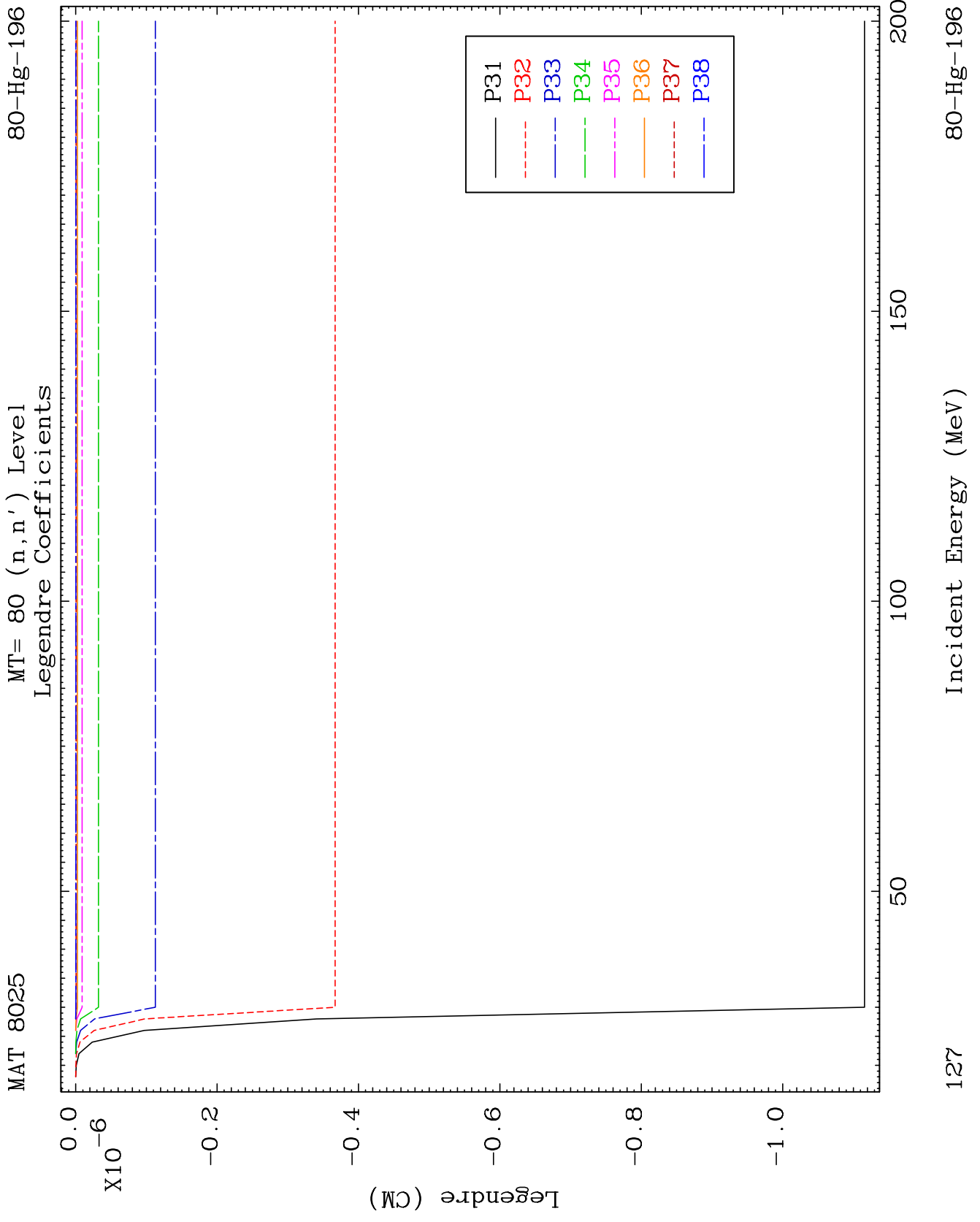


125

Incident Energy (MeV)

80-Hg-196



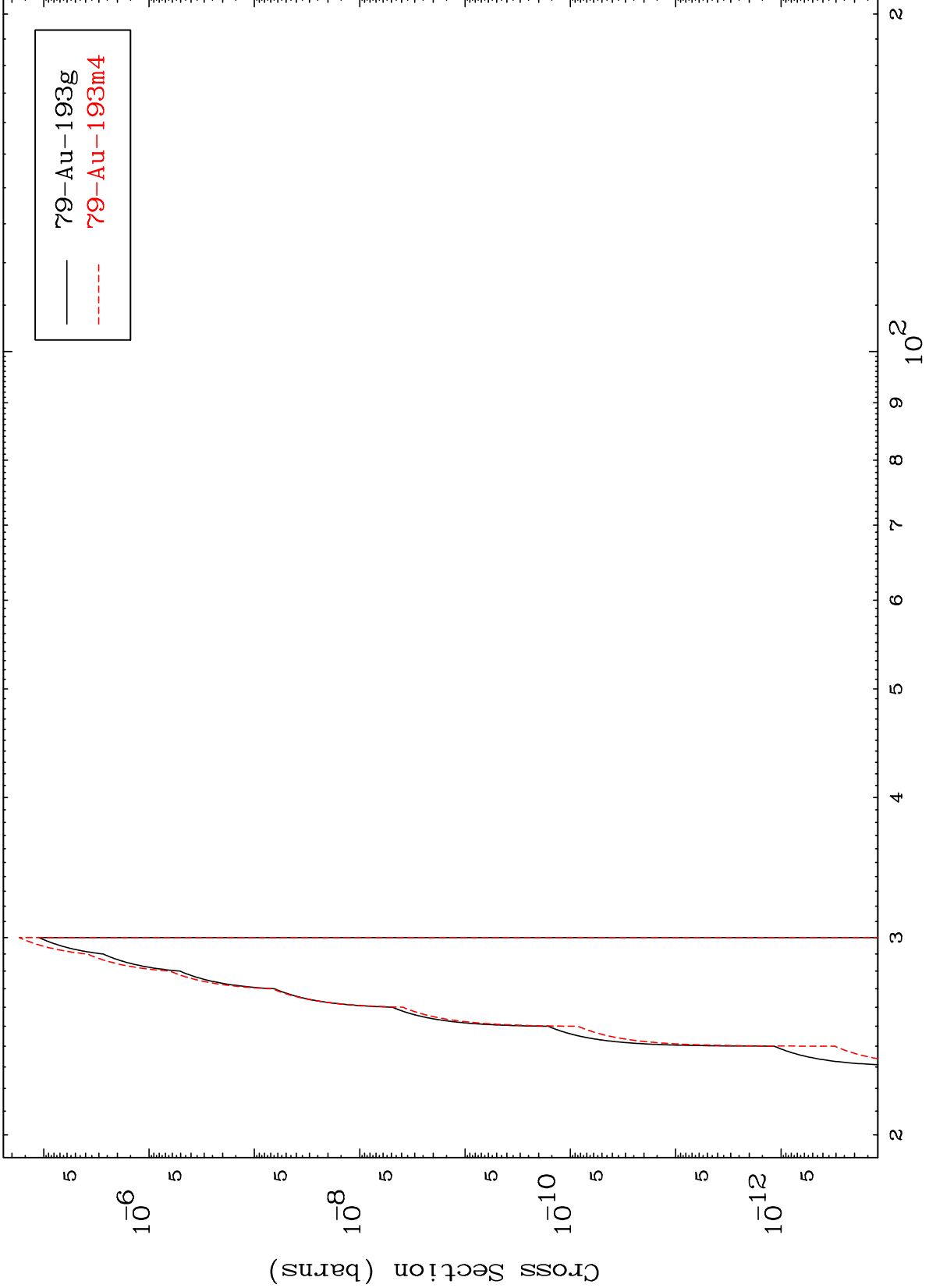


MAT 8025

(n,2n) d

80-Hg-196

Radionuclide Production Cross Section



128

Incident Energy (MeV)

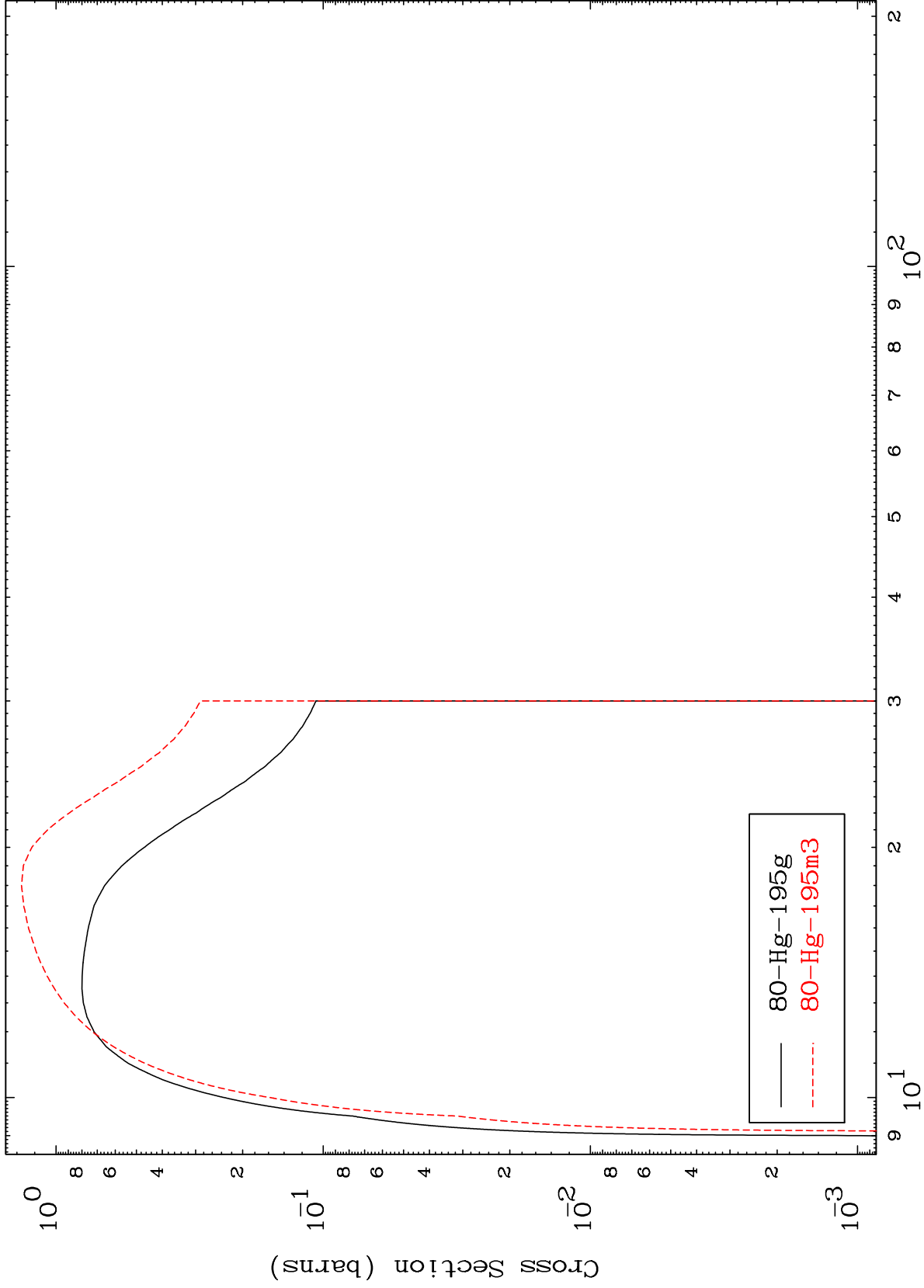
80-Hg-196

MAT 8025

(n,2n)

80-Hg-196

Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-196

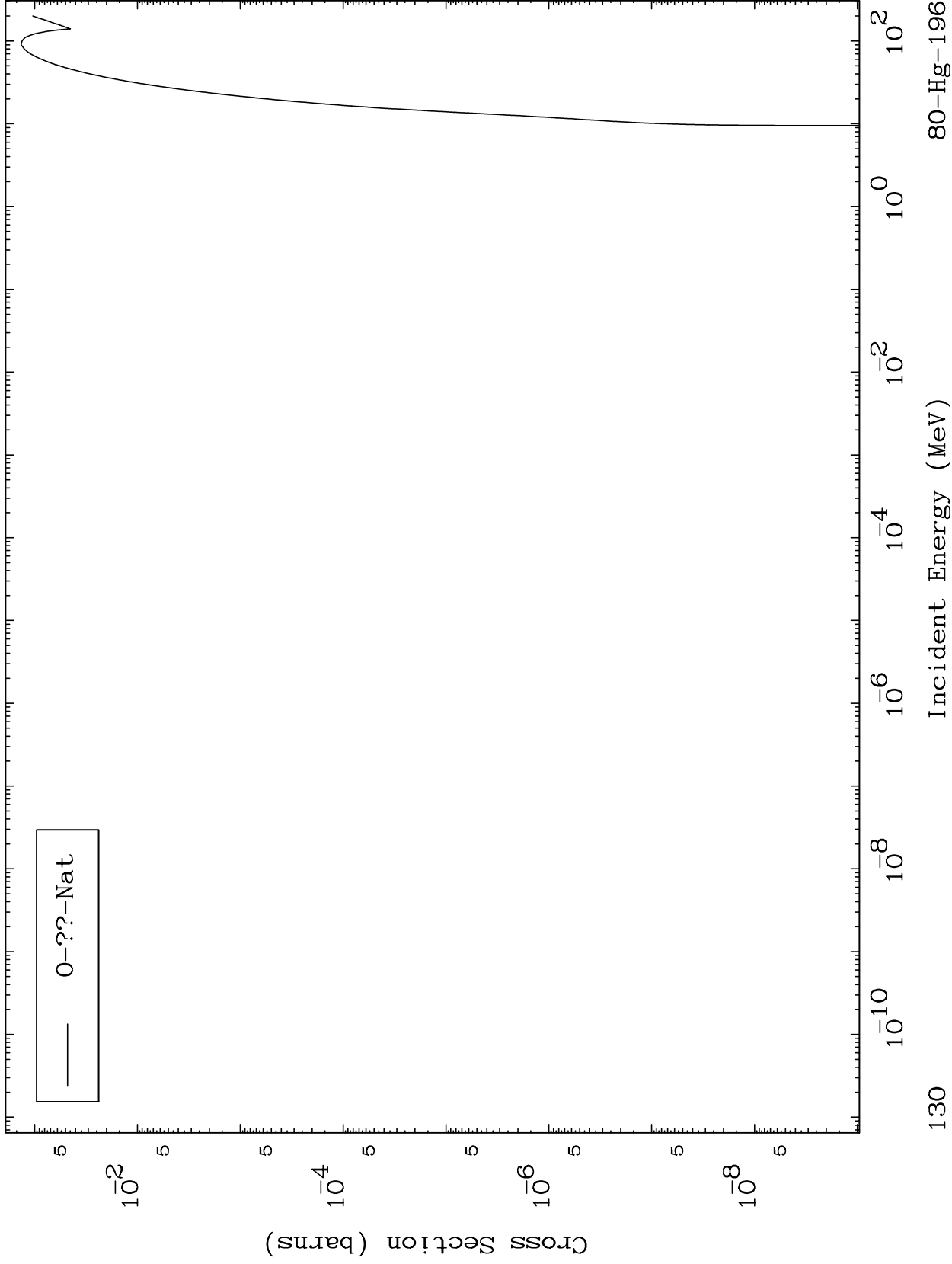
129

MAT 8025

Fission

80-Hg-196

Radionuclide Production Cross Section

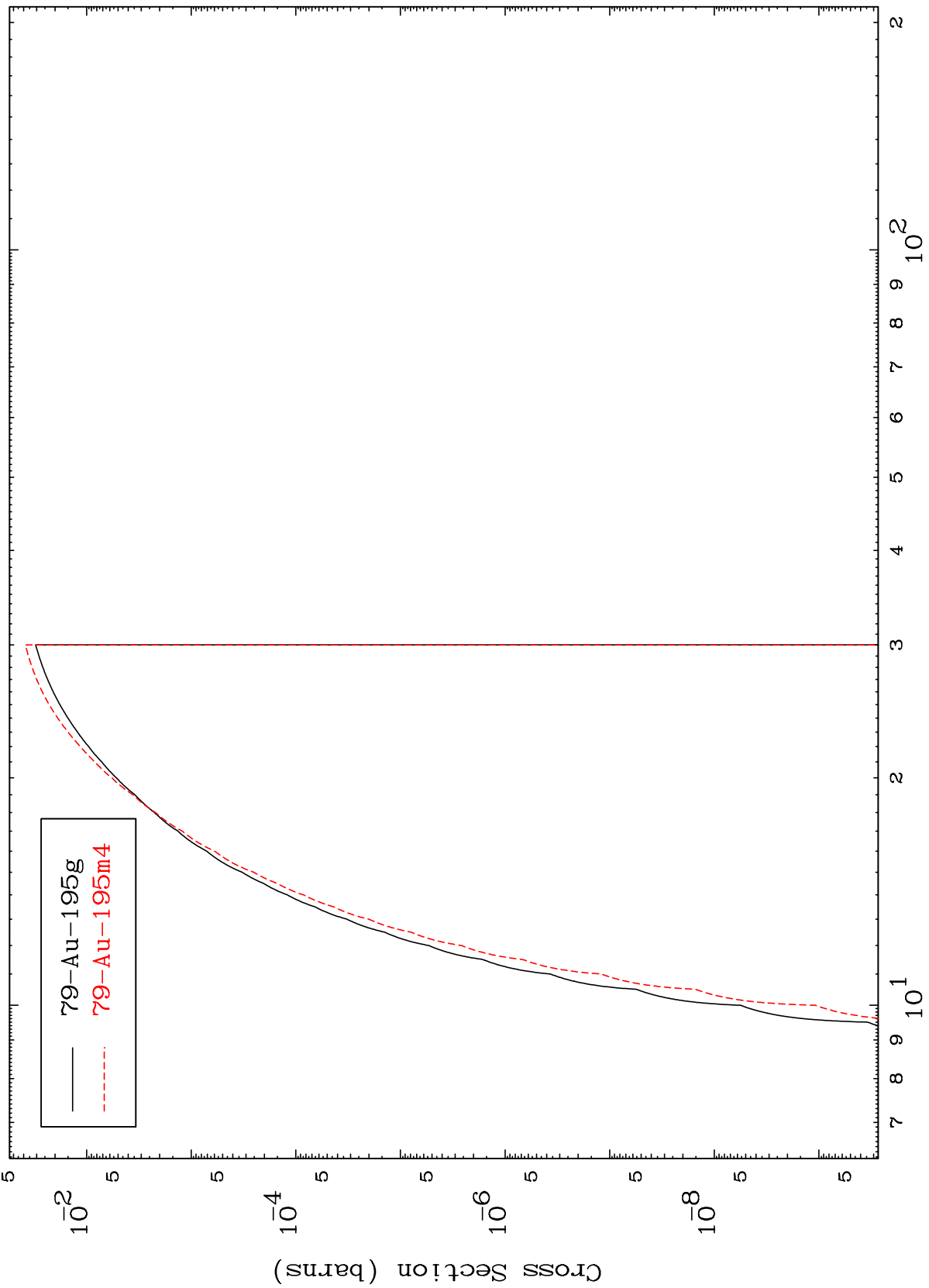


MAT 8025

(n,n') p

80-Hg-196

Radionuclide Production Cross Section



131

Incident Energy (MeV)

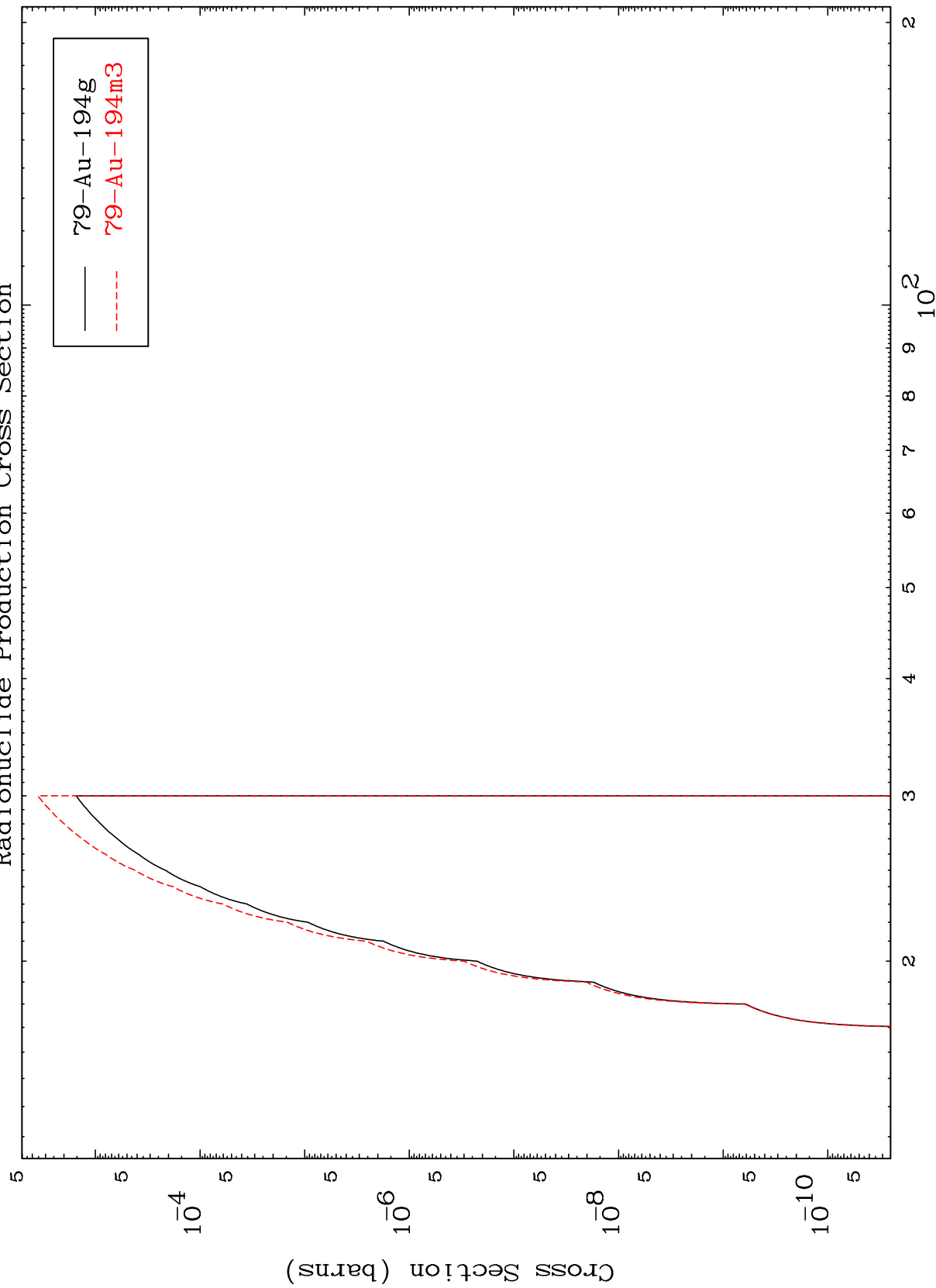
80-Hg-196

MAT 8025

(n,n') d

80-Hg-196

Radionuclide Production Cross Section



132

Incident Energy (MeV)

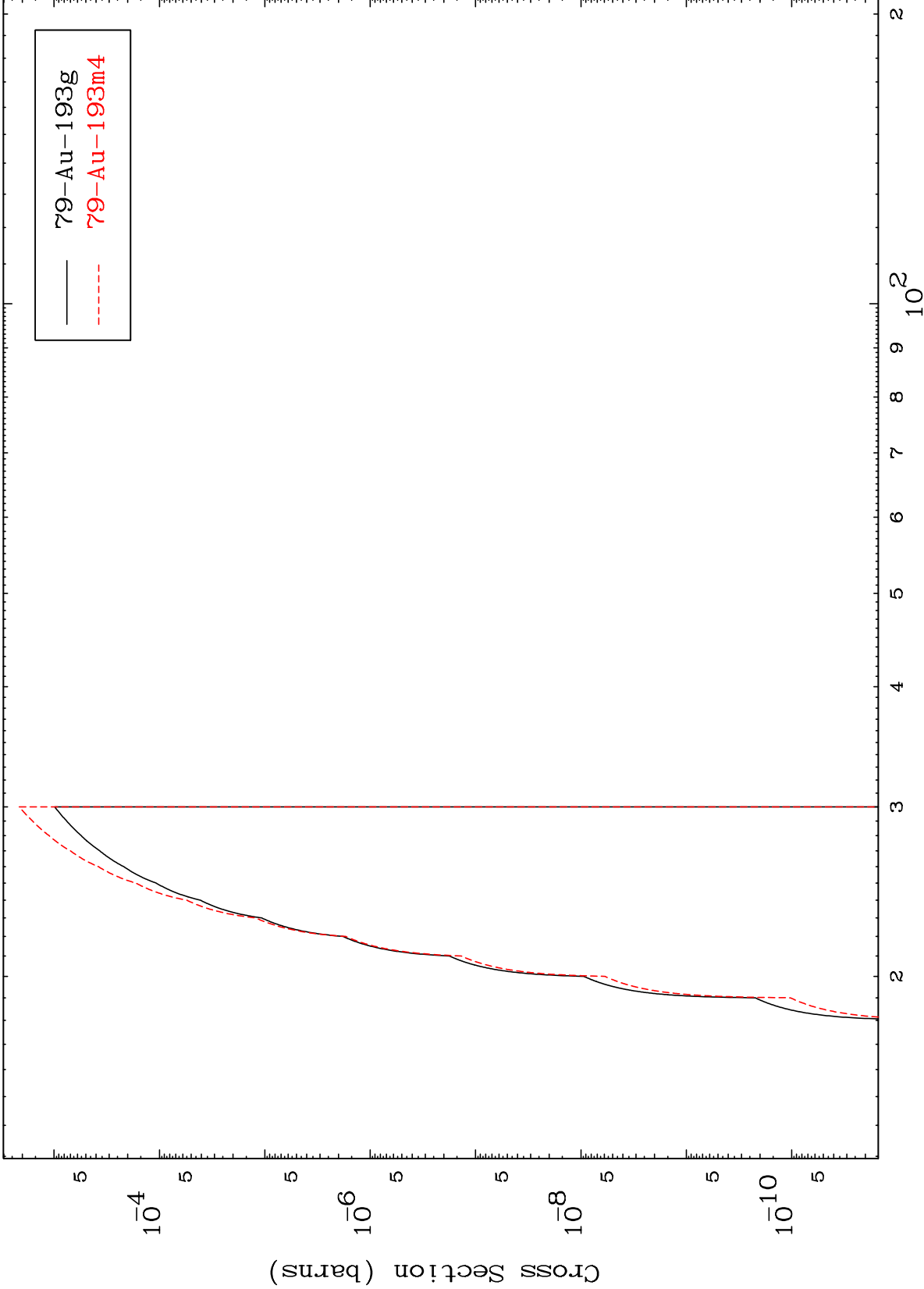
80-Hg-196

MAT 8025

(n,n') t

80-Hg-196

Radionuclide Production Cross Section

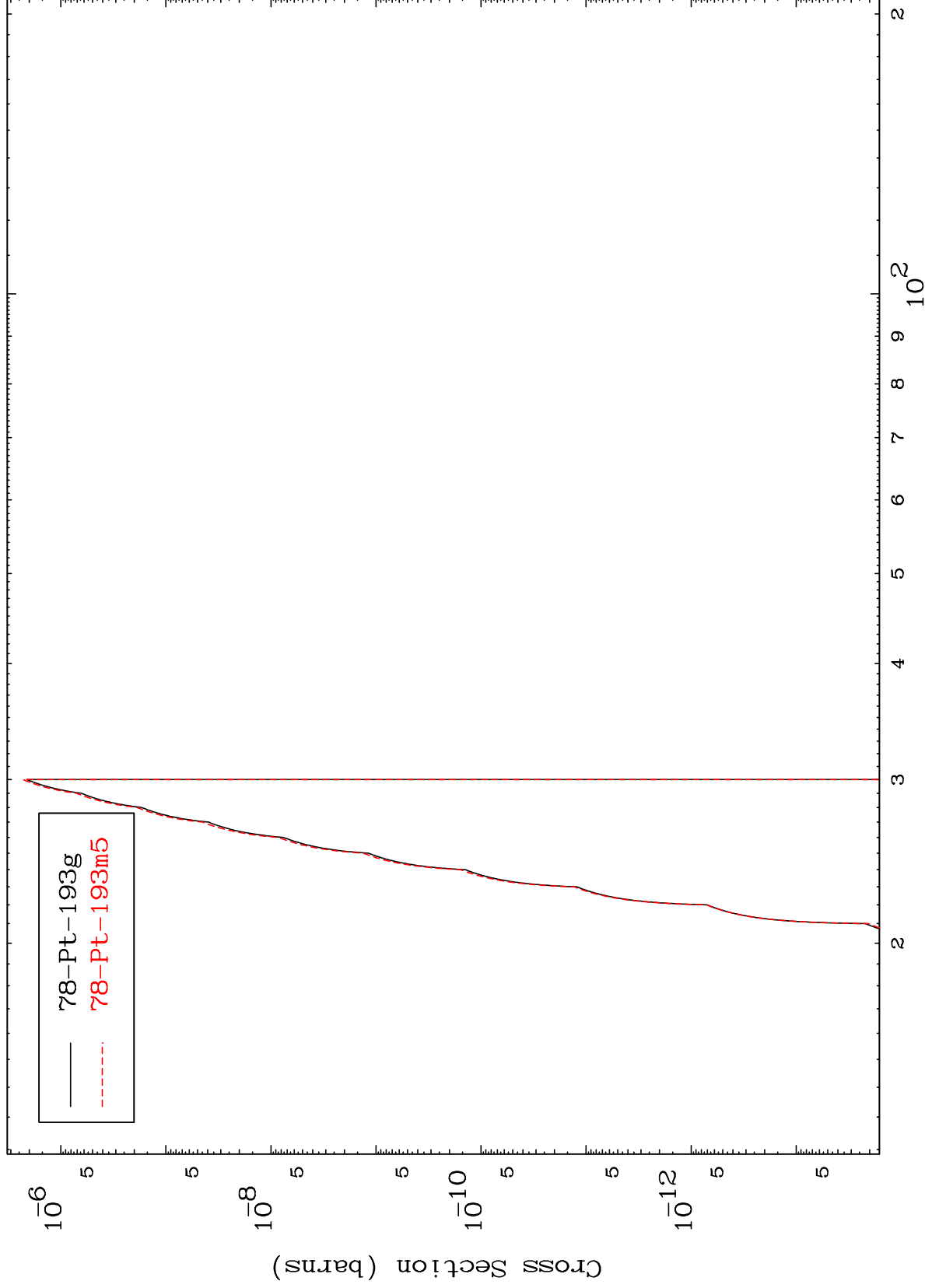


133

Incident Energy (MeV)

80-Hg-196

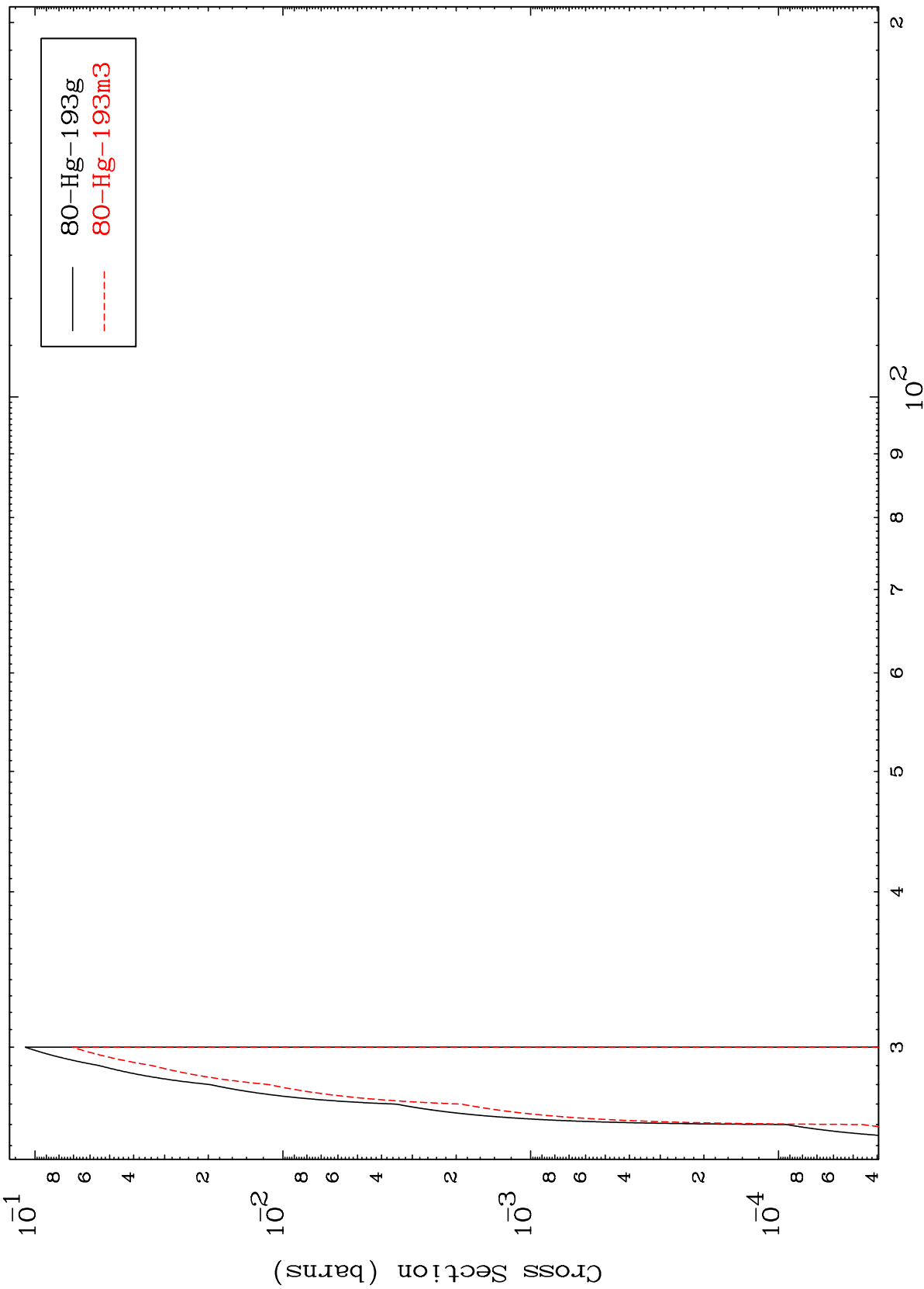
Radionuclide Production Cross Section



MAT 8025

80-Hg-196

(n,4n)
Radionuclide Production Cross Section



135

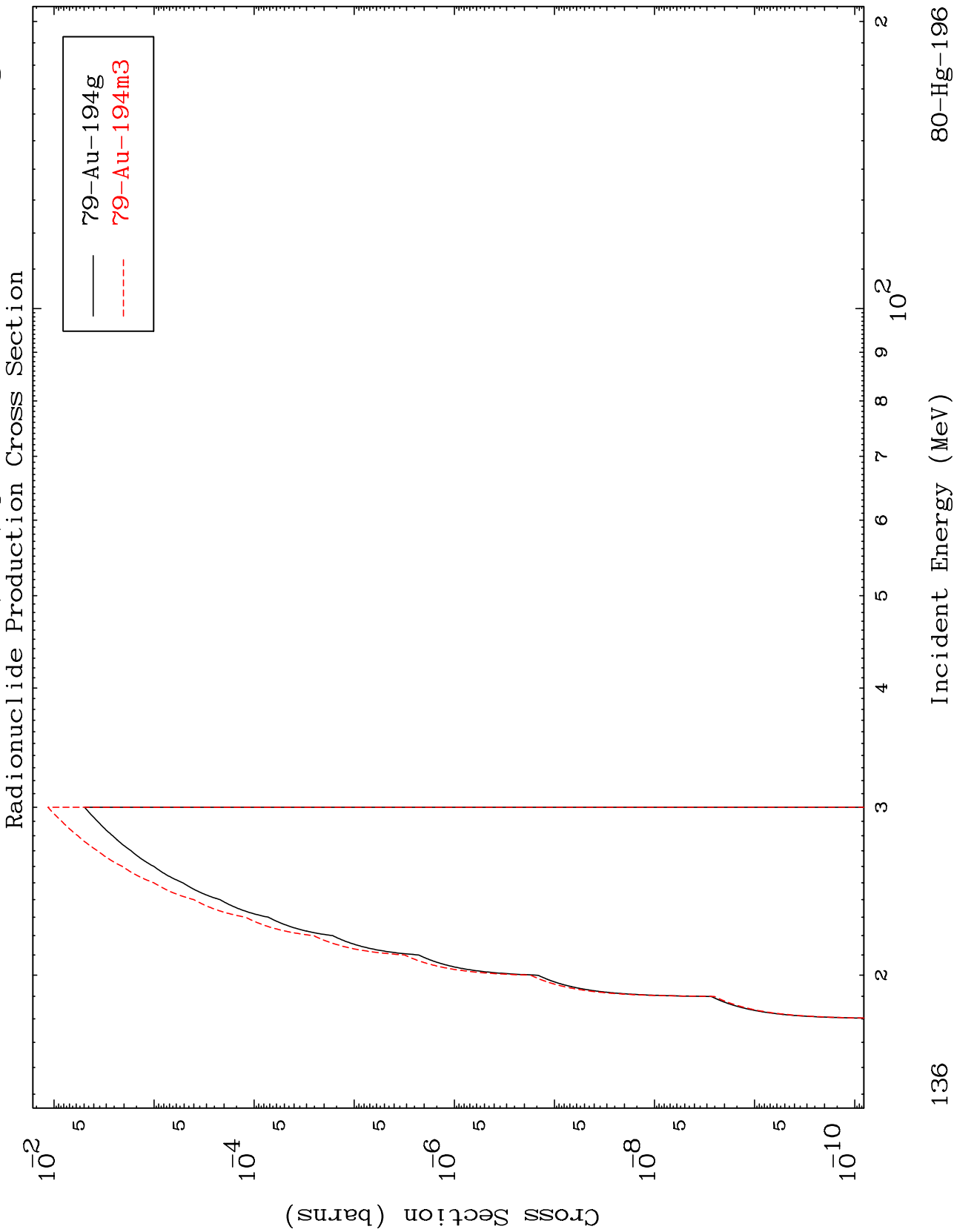
80-Hg-196

Incident Energy (MeV)

MAT 8025

(n,2n) p

80-Hg-196



136

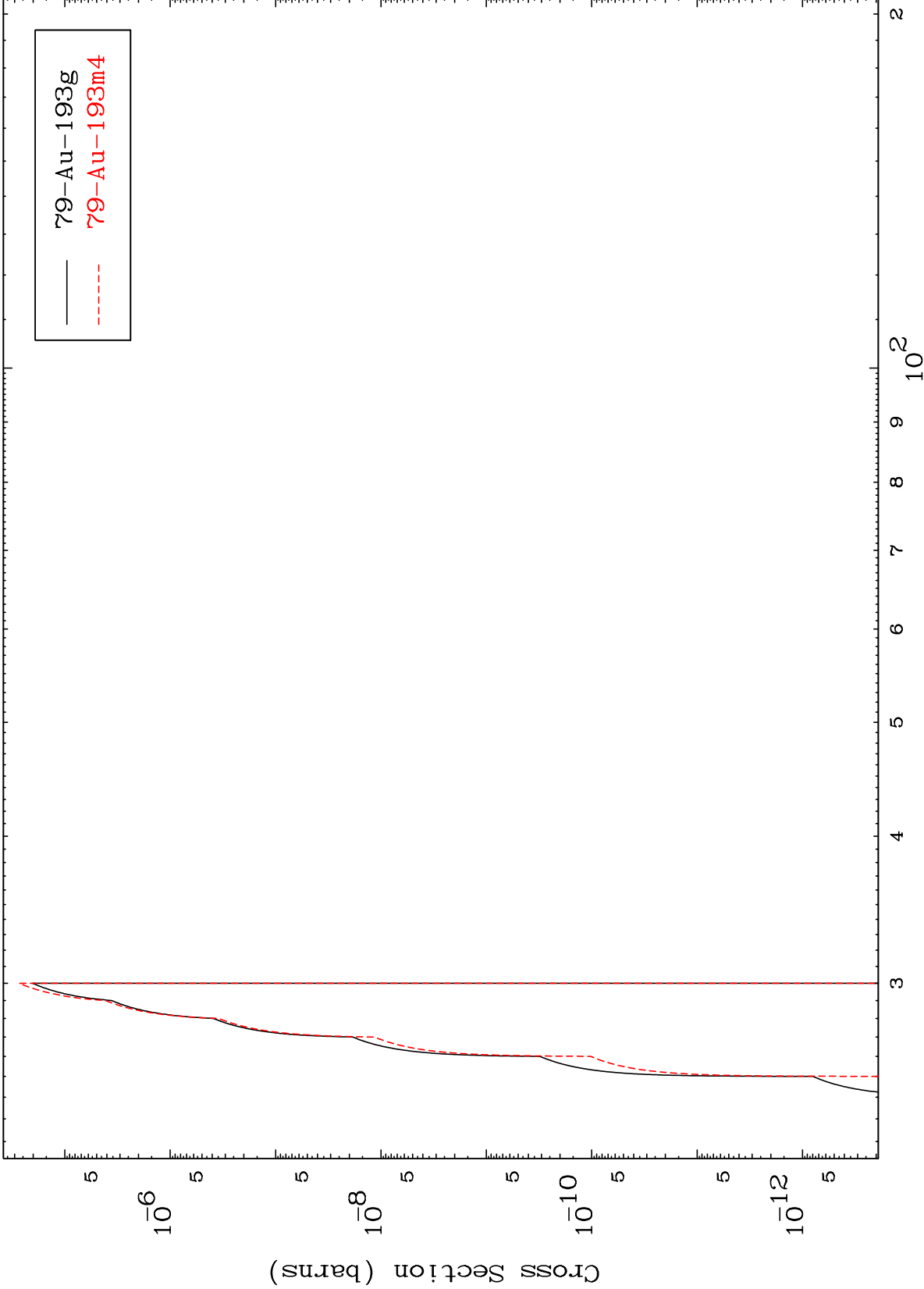
80-Hg-196

MAT 8025

(n,3n) p

80-Hg-196

Radionuclide Production Cross Section



137

Incident Energy (MeV)

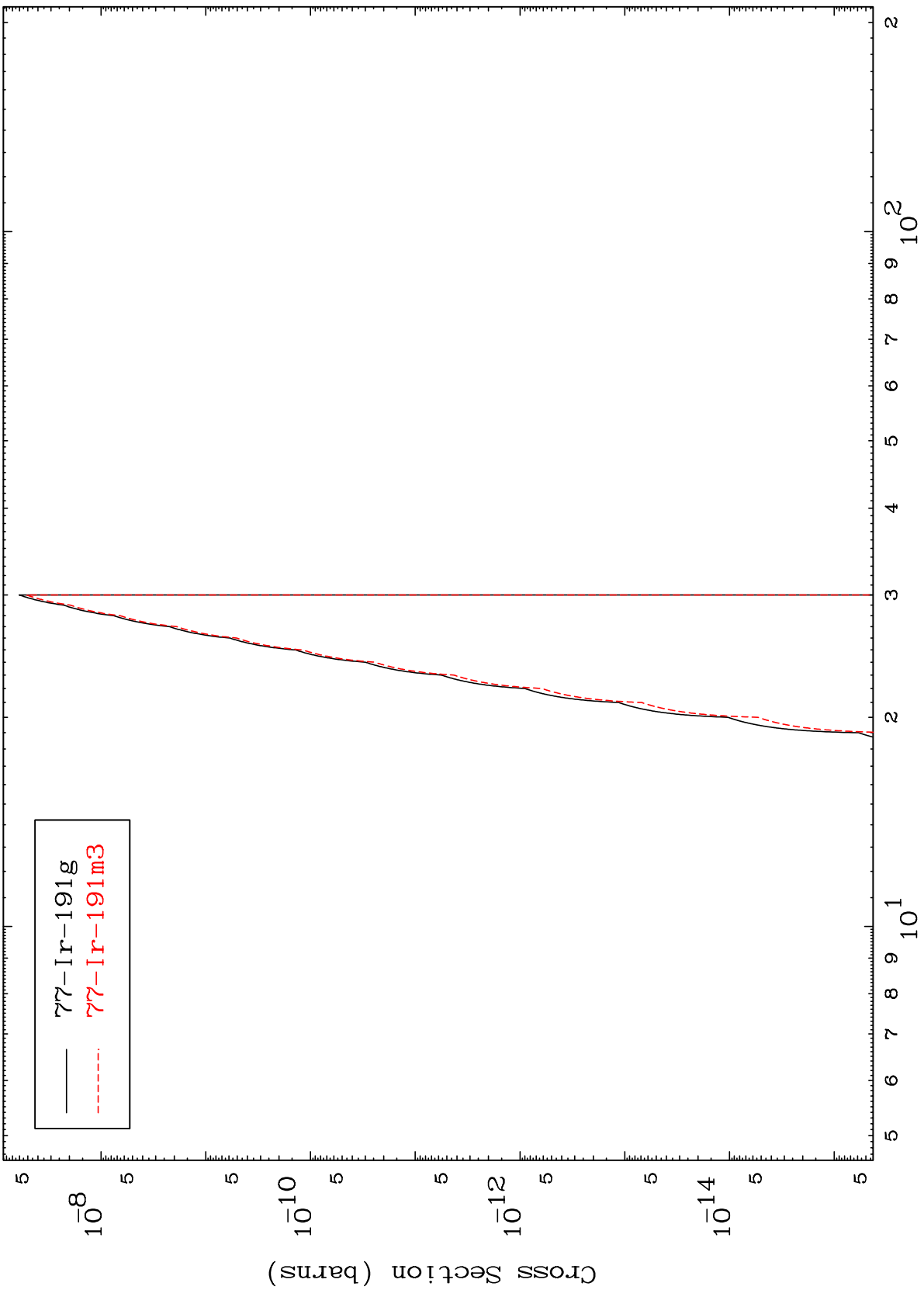
80-Hg-196

MAT 8025

(n,n') p α

80-Hg-196

Radionuclide Production Cross Section



— $^{77}\text{Ir-191g}$
- - - $^{77}\text{Ir-191m3}$

138

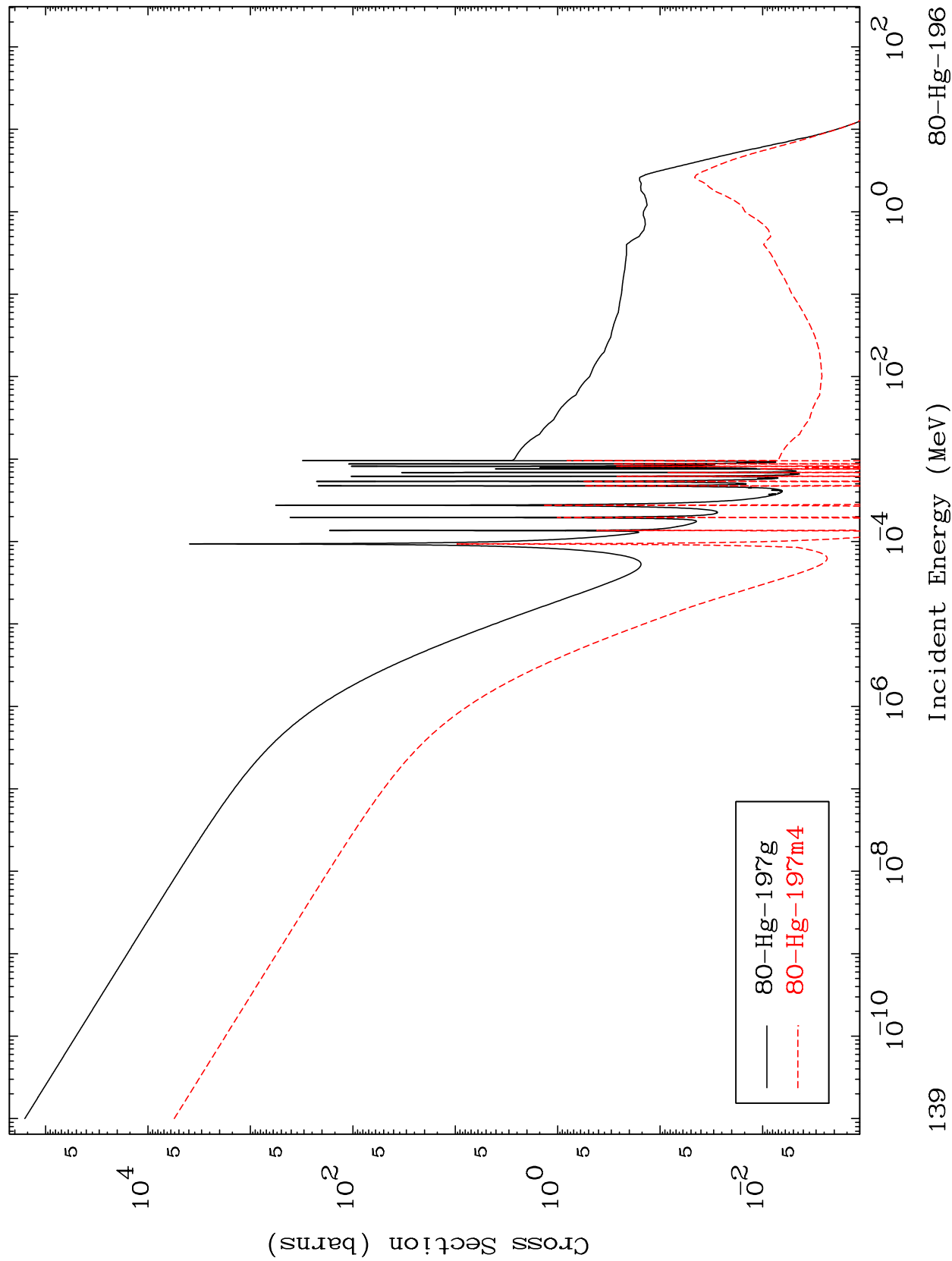
Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196

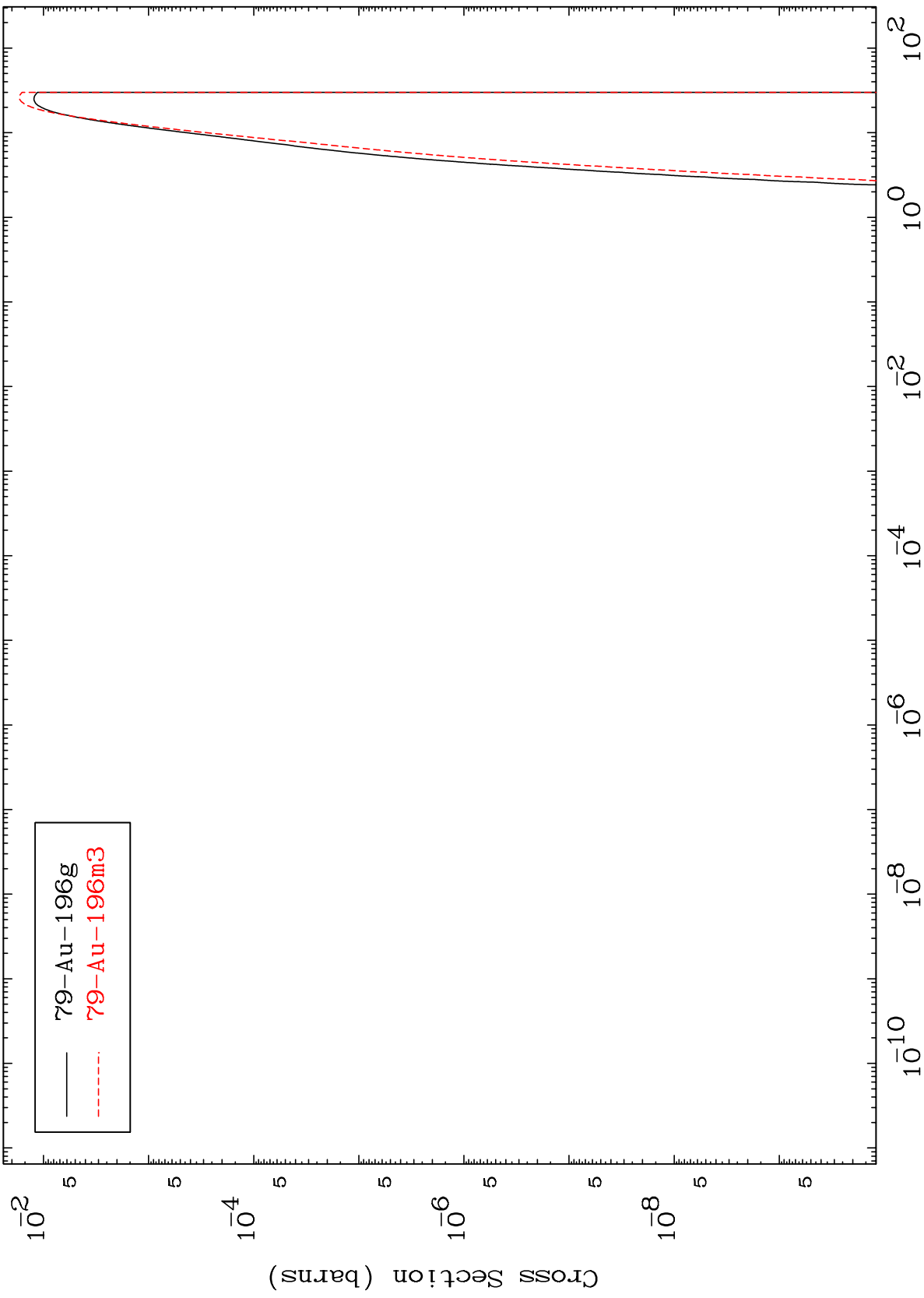
(n, γ)
Radionuclide Production Cross Section



MAT 8025

80-Hg-196

(n,p)
Radionuclide Production Cross Section

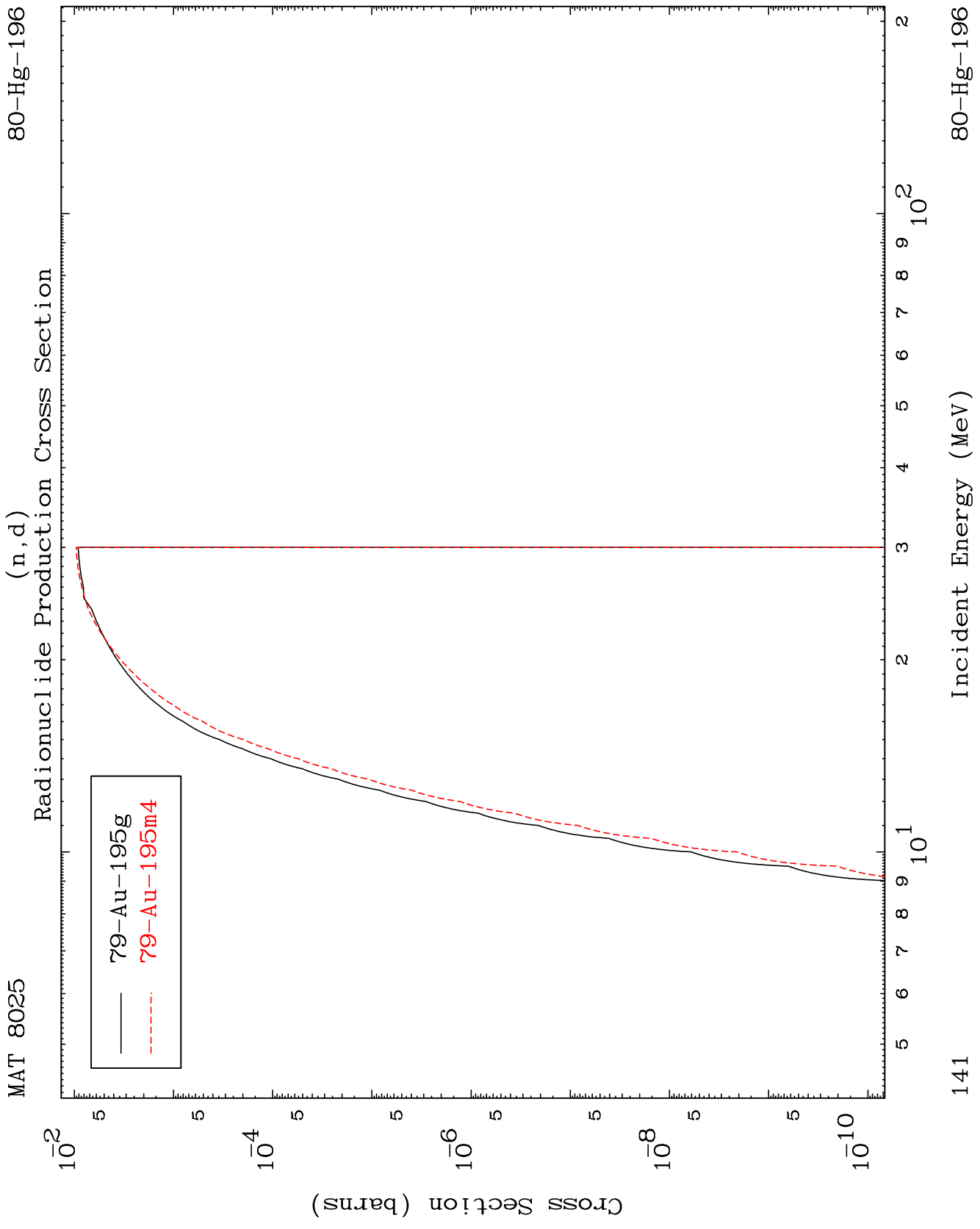


79-Au-196g
79-Au-196m3

80-Hg-196

Incident Energy (MeV)

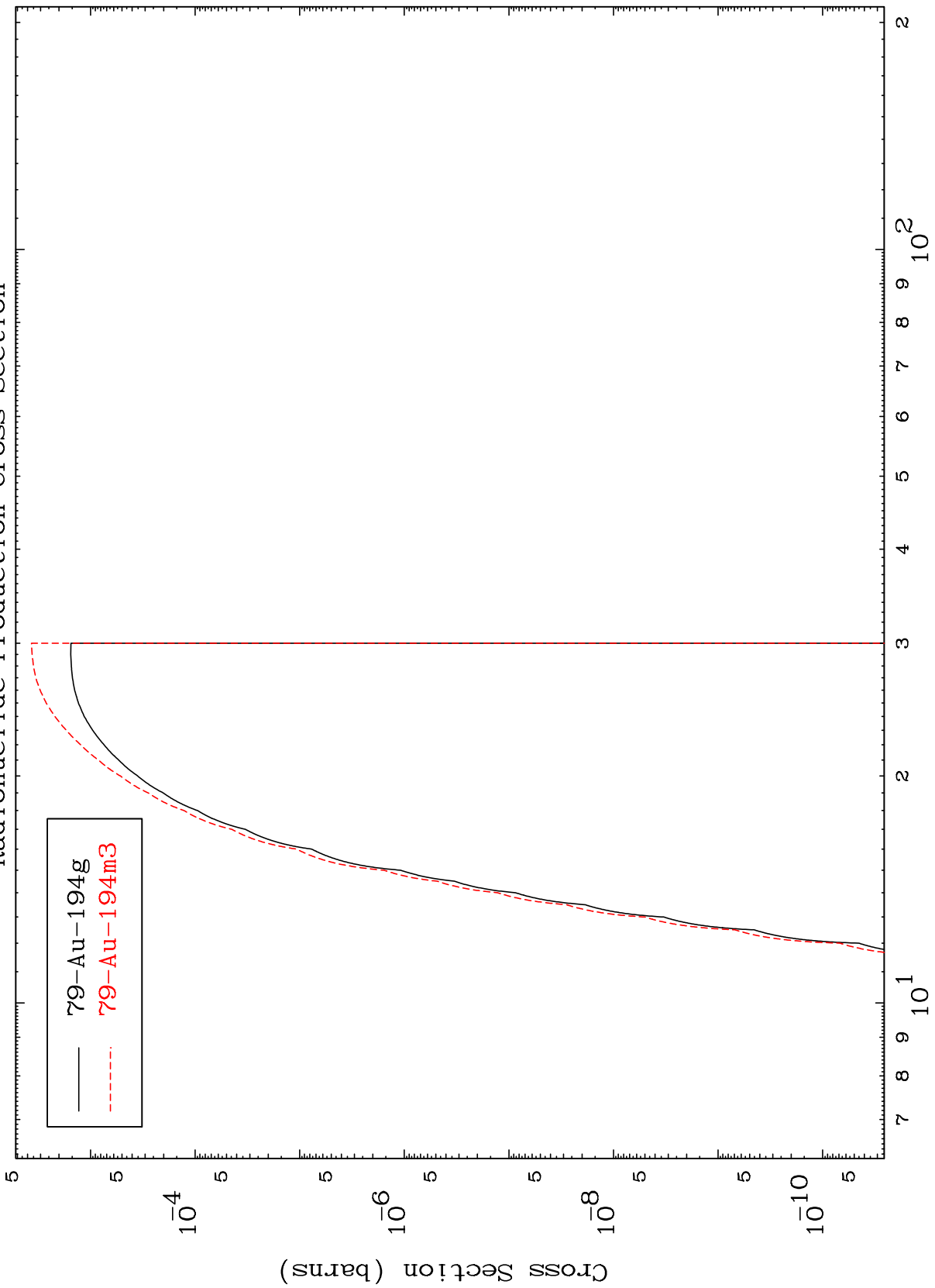
140



MAT 8025

80-Hg-196

(n, t)
Radionuclide Production Cross Section

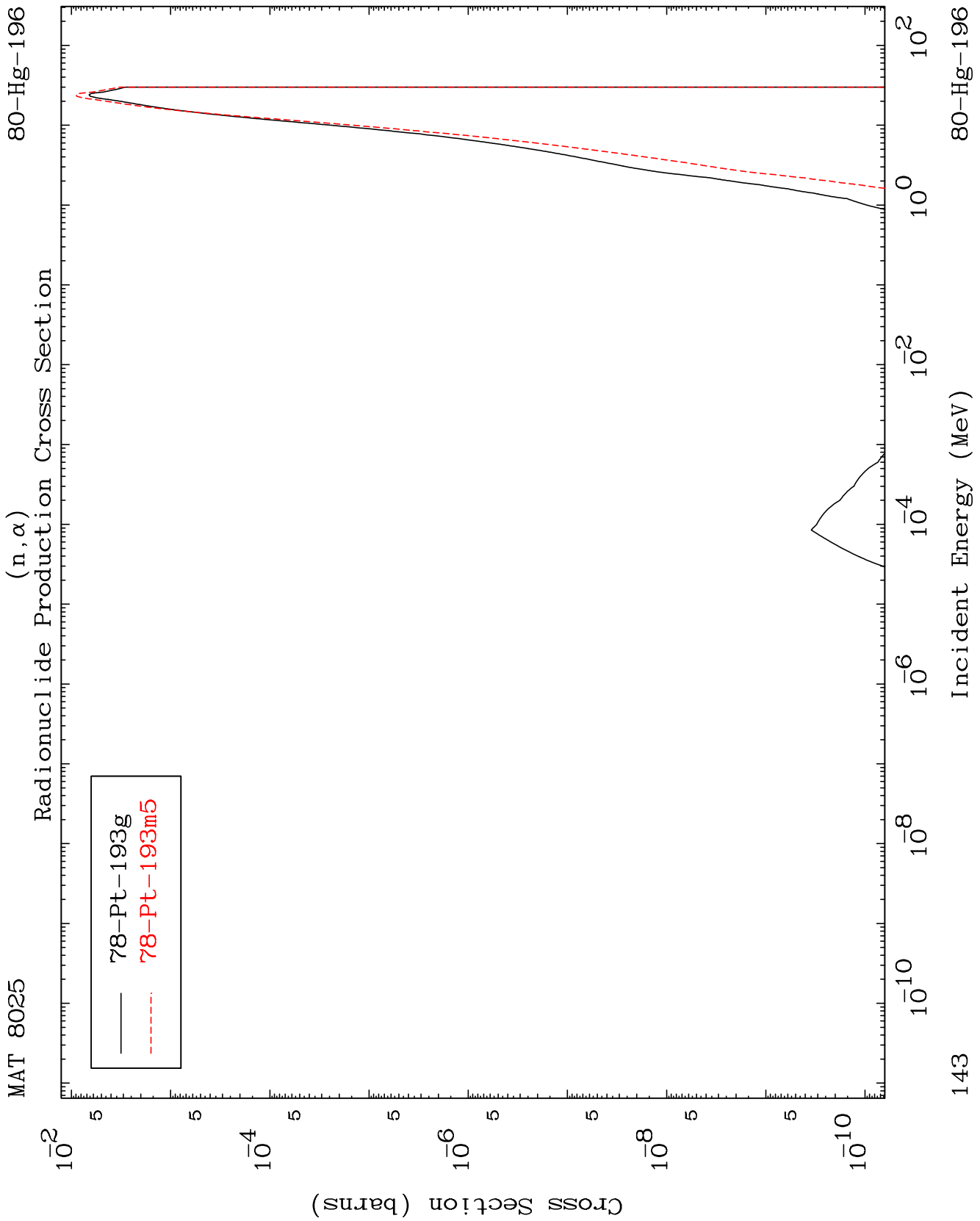


79-Au-194g
79-Au-194m3

80-Hg-196

Incident Energy (MeV)

142

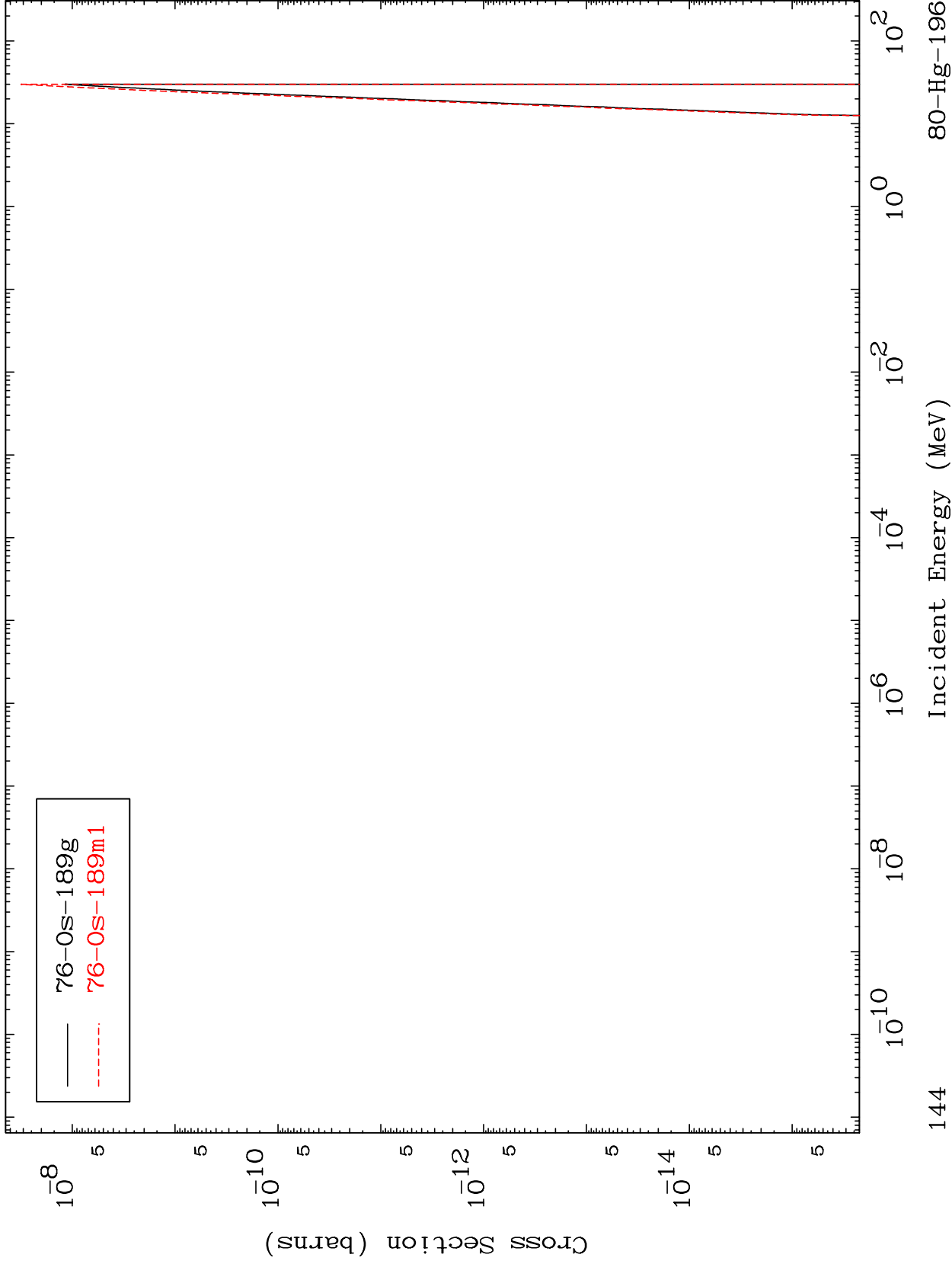


MAT 8025

(n,2α)

80-Hg-196

Radionuclide Production Cross Section

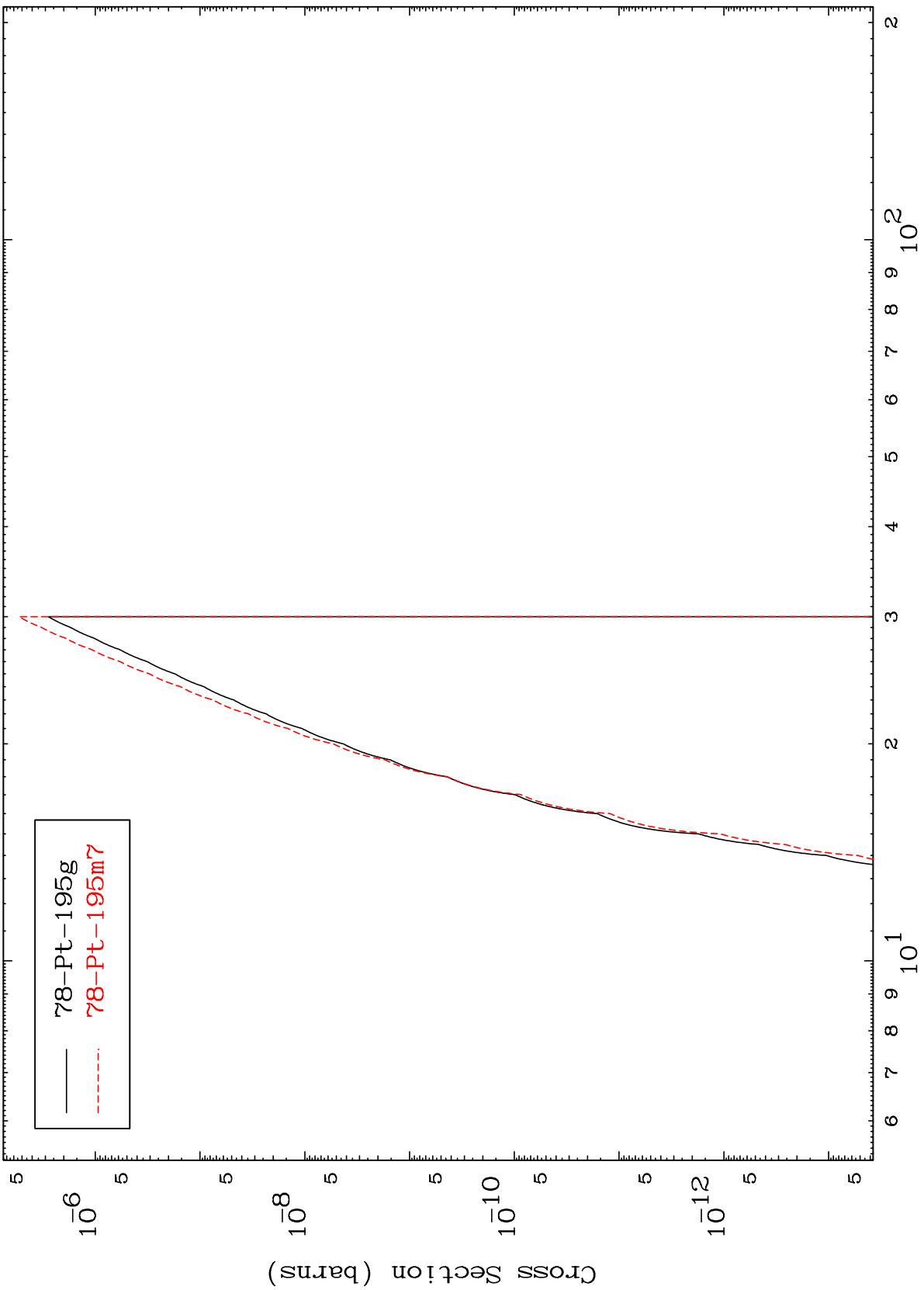


144

MAT 8025

80-Hg-196

Radionuclide Production Cross Section
(n,2p)



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

145

Incident Energy (MeV)

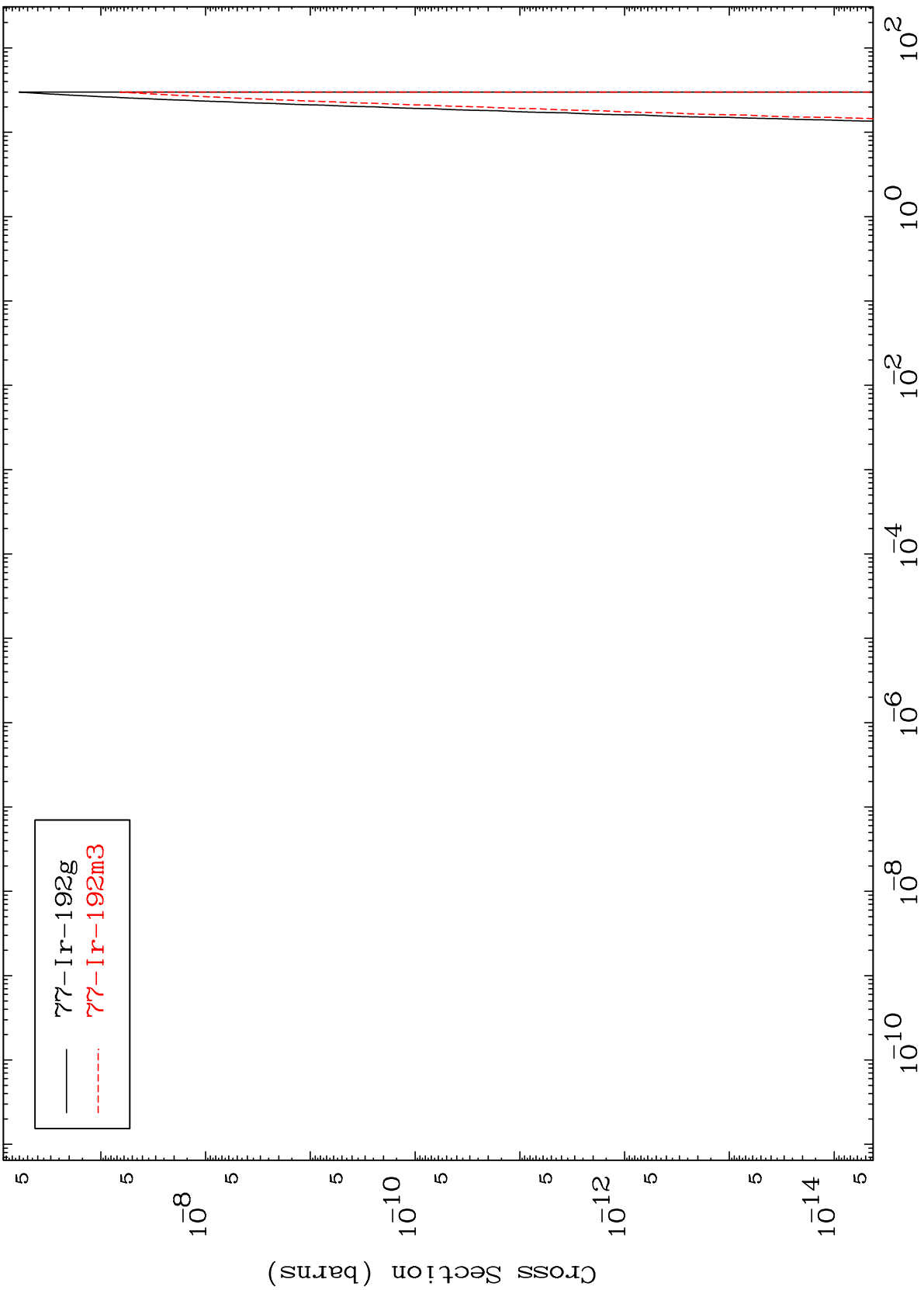
80-Hg-196

MAT 8025

(n,p) α

80-Hg-196

Radionuclide Production Cross Section



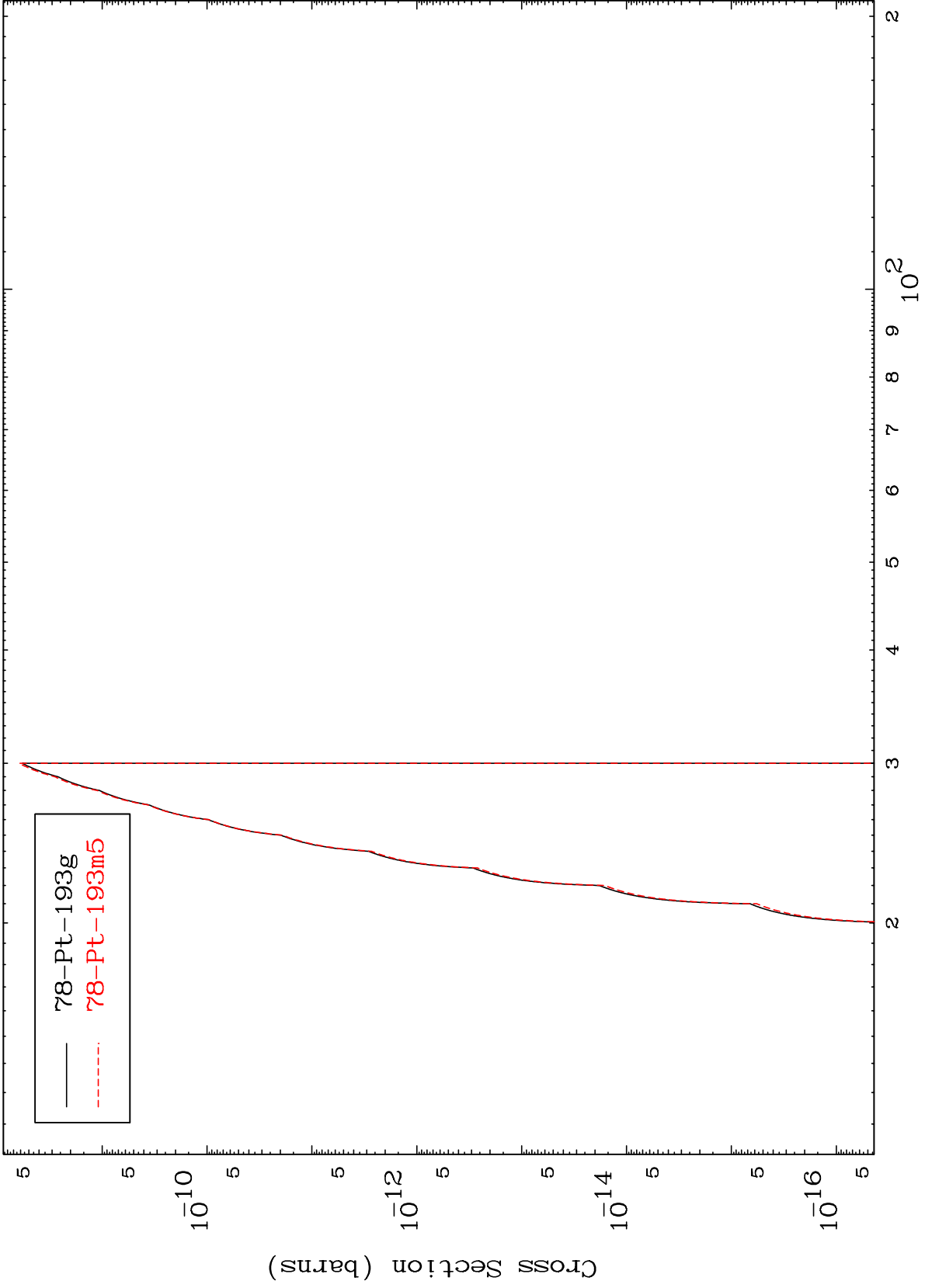
— $^{77}\text{Ir-192g}$
- - - $^{77}\text{Ir-192m3}$

MAT 8025

(n,p) t

80-Hg-196

Radionuclide Production Cross Section



147

Incident Energy (MeV)

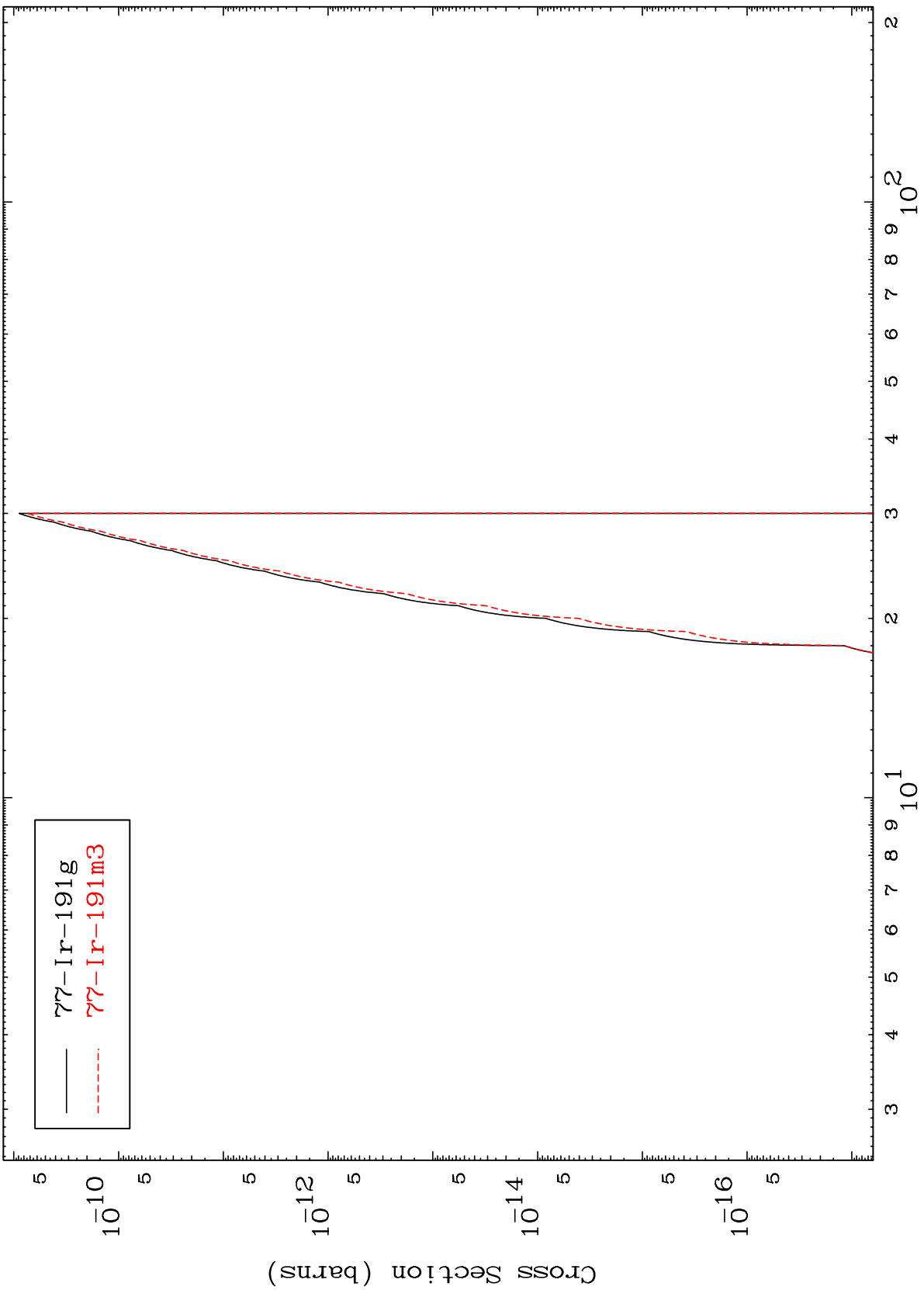
80-Hg-196

MAT 8025

(n,d) α

80-Hg-196

Radionuclide Production Cross Section



— $^{77}\text{Ir-191g}$
- - - $^{77}\text{Ir-191m3}$

148

Incident Energy (MeV)

80-Hg-196