

Program EVALPLOT
(Version 2021-1)

by

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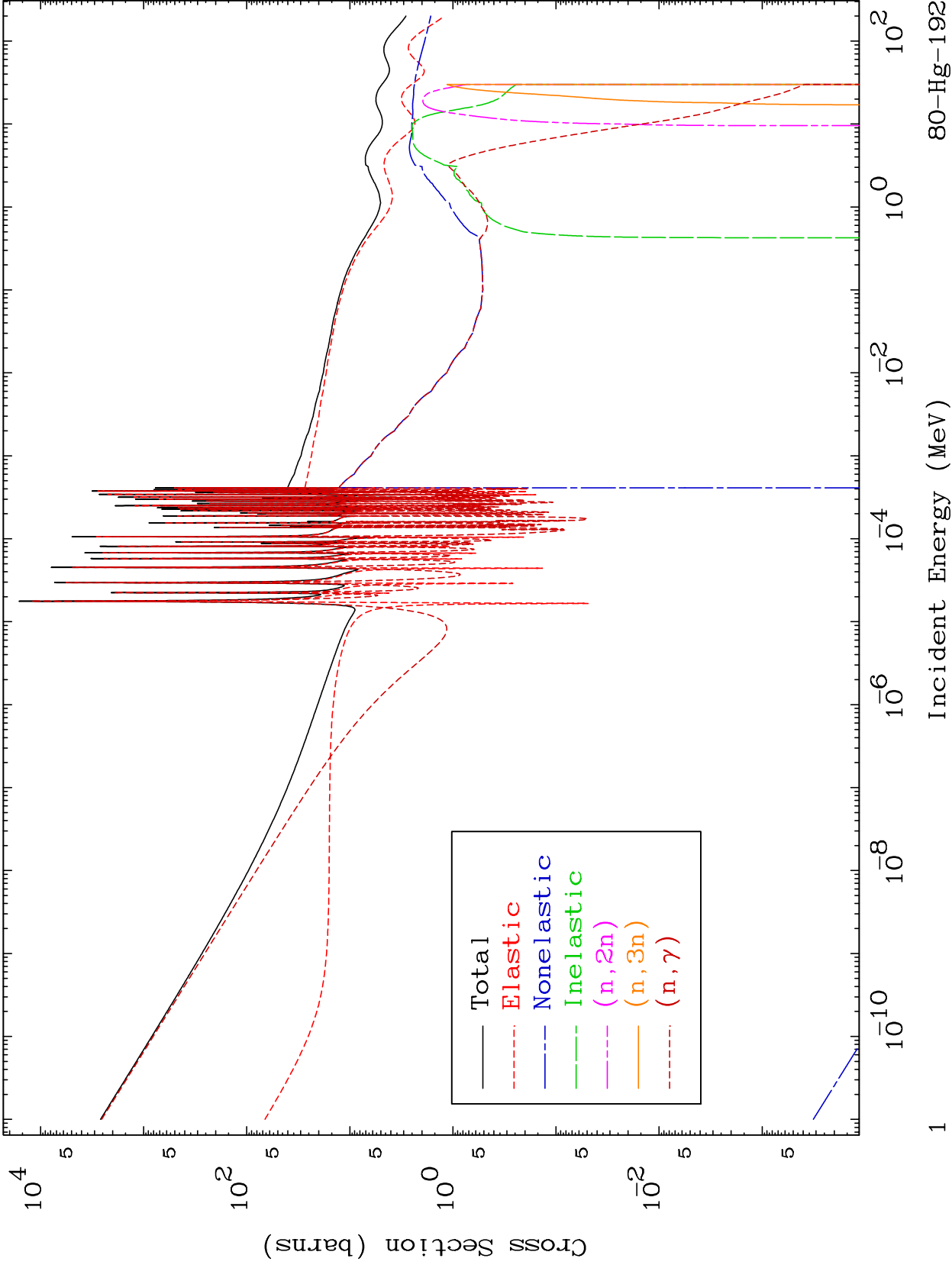
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8013

Neutron Major
293 Kelvin Cross Sections

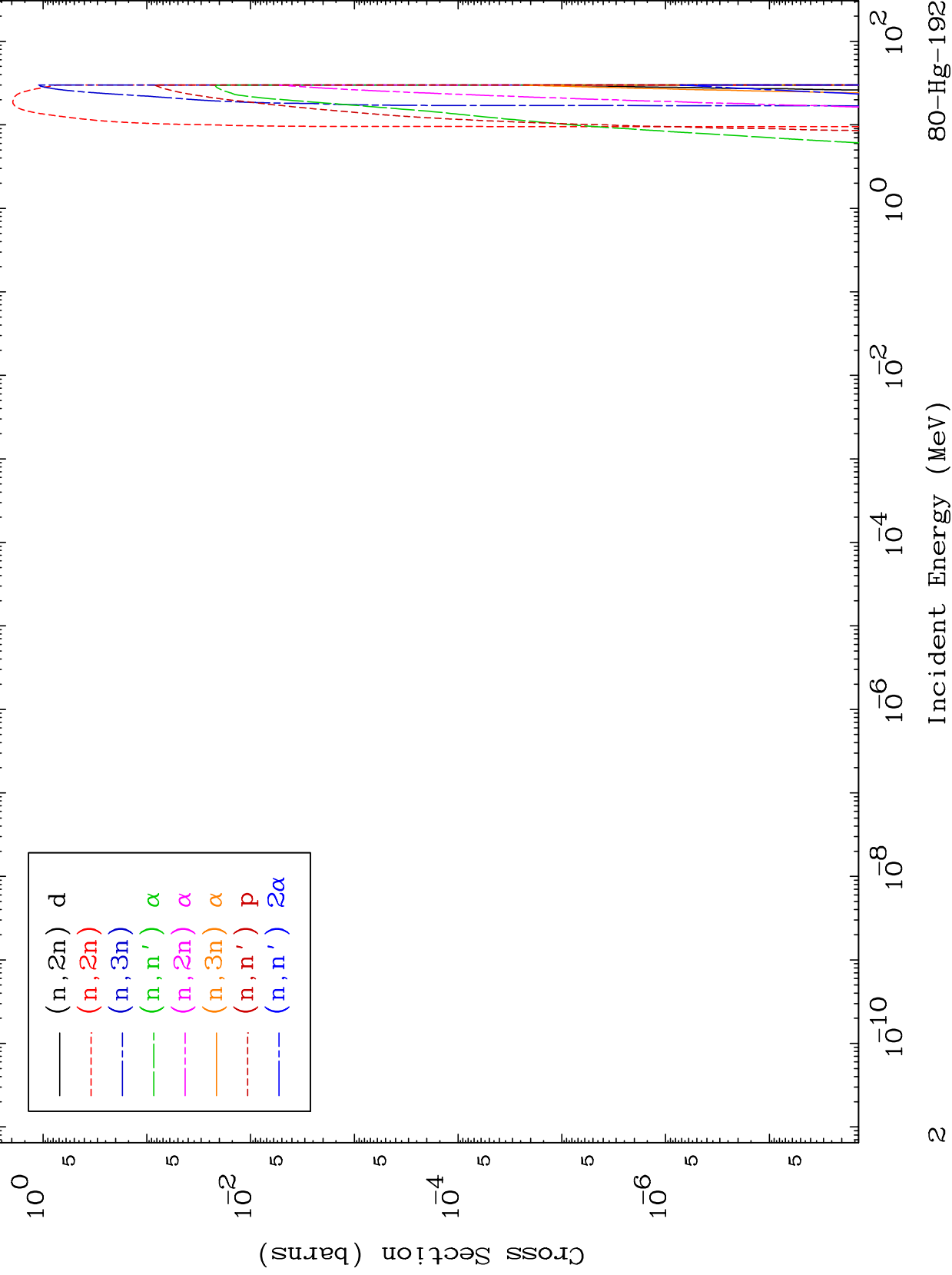
80-Hg-192



MAT 8013

Neutron Absorption
293 Kelvin Cross Sections

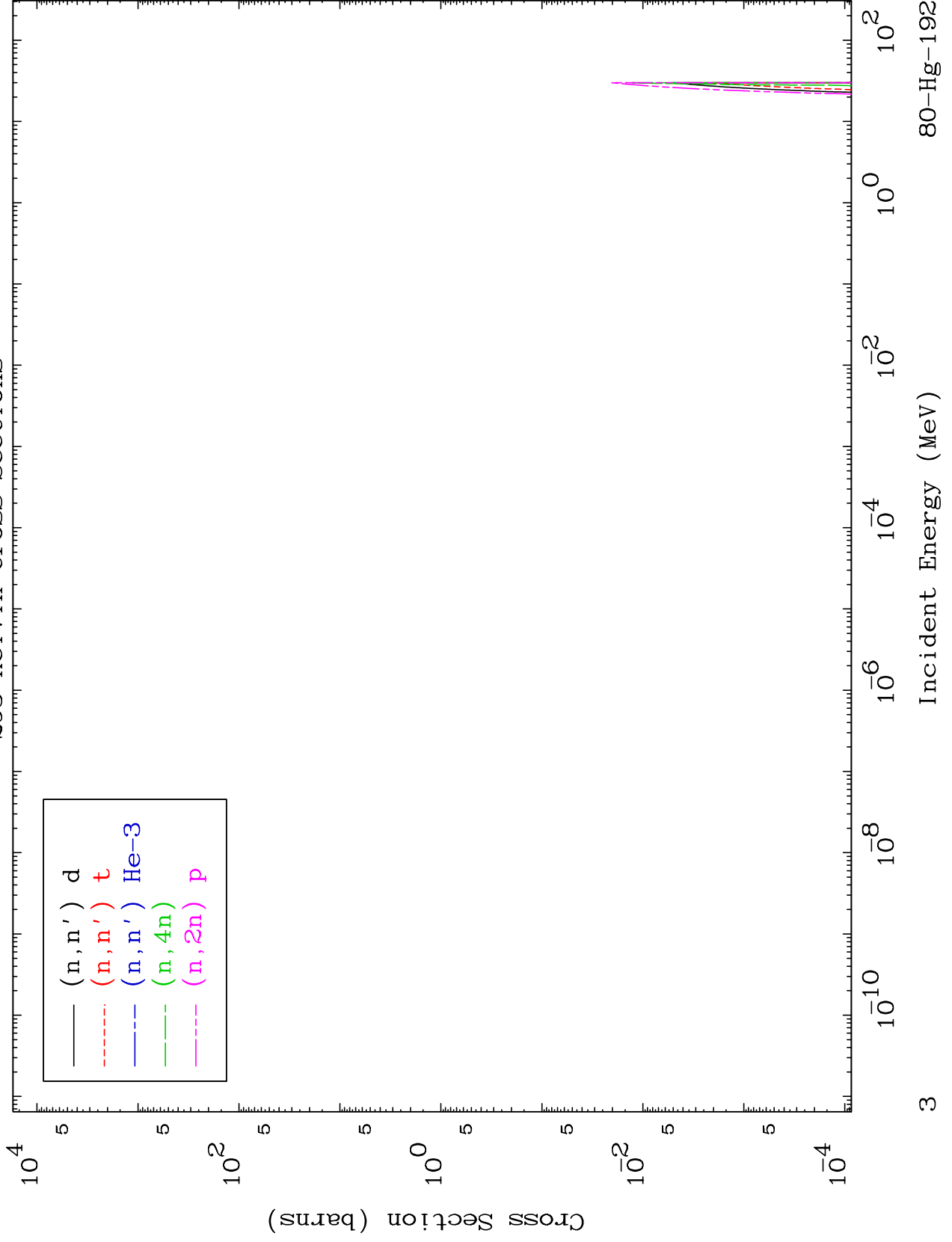
80-Hg-192



MAT 8013

Neutron Absorption
293 Kelvin Cross Sections

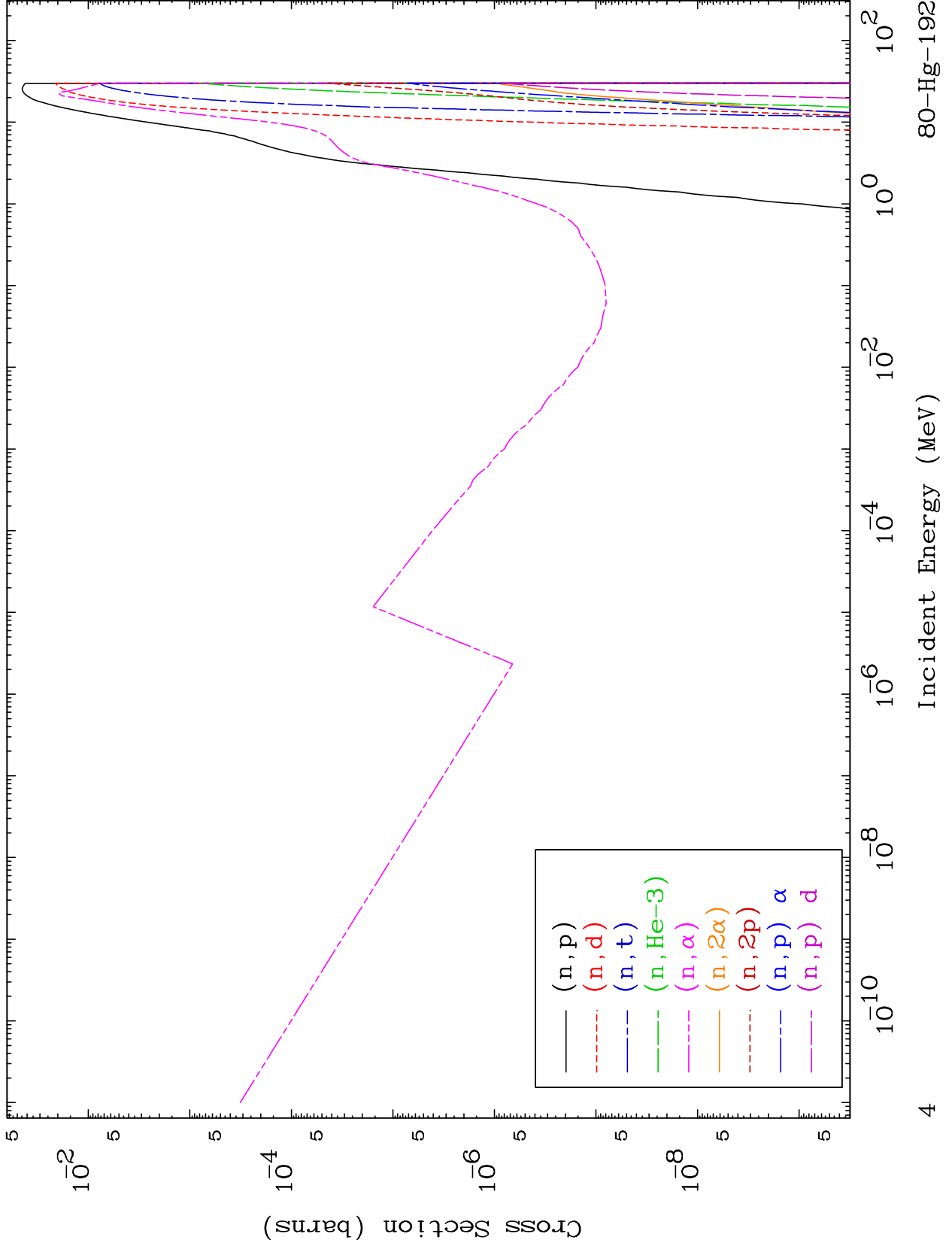
80-Hg-192



MAT 8013

Neutron Absorption
293 Kelvin Cross Sections

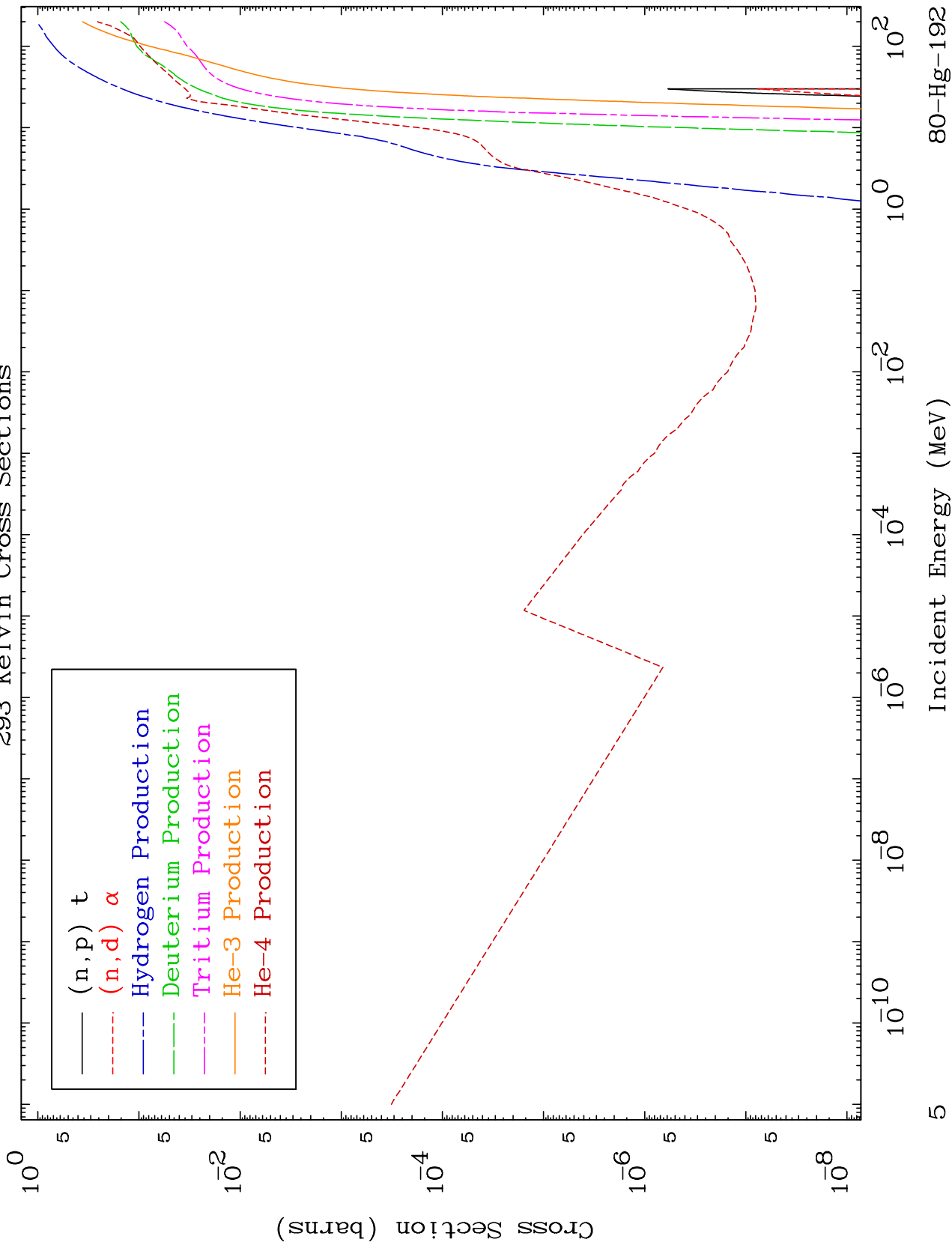
80-Hg-192



MAT 8013

Neutron Absorption
293 Kelvin Cross Sections

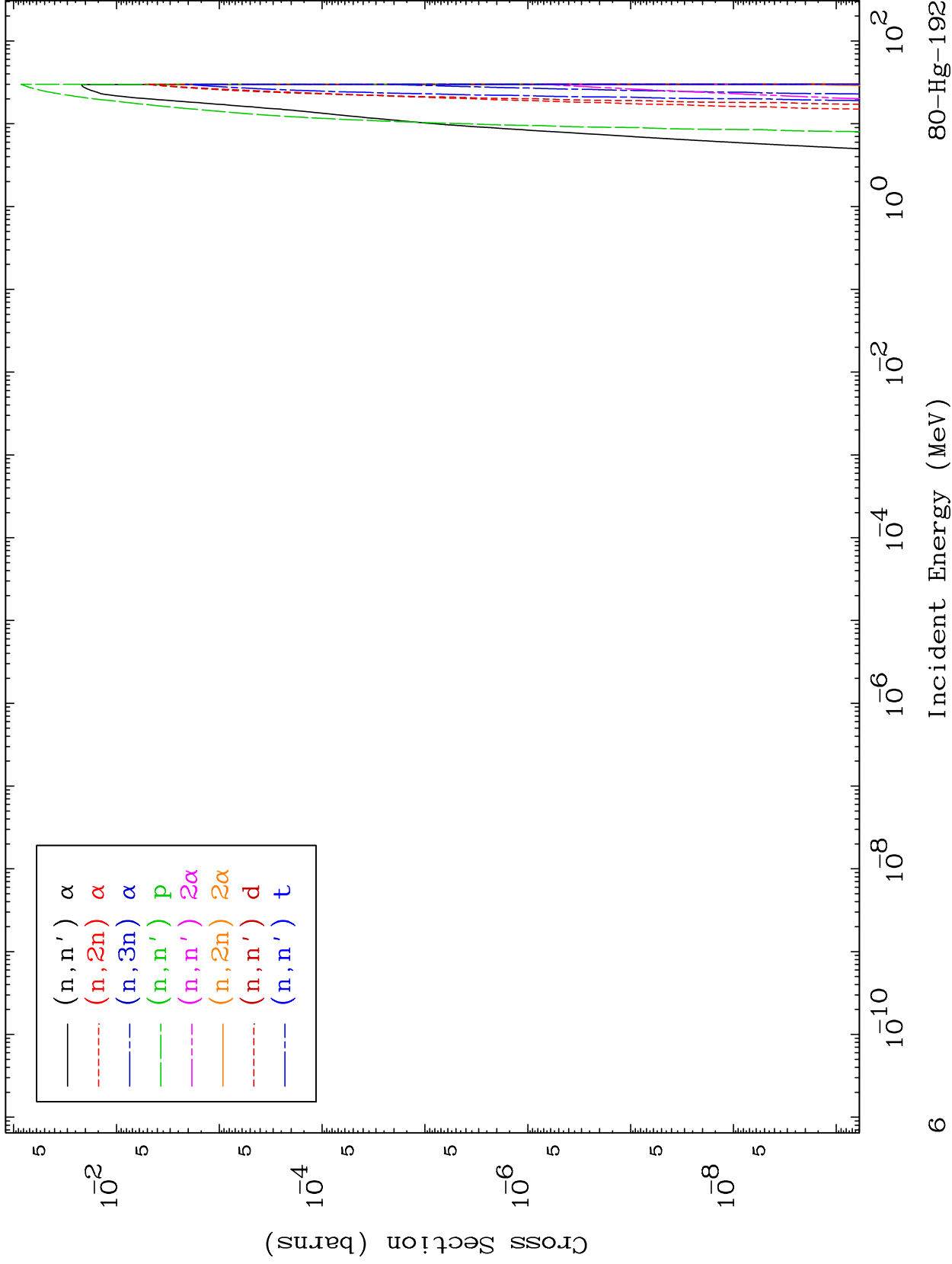
80-Hg-192



MAT 8013

Charged Particle
293 Kelvin Cross Sections

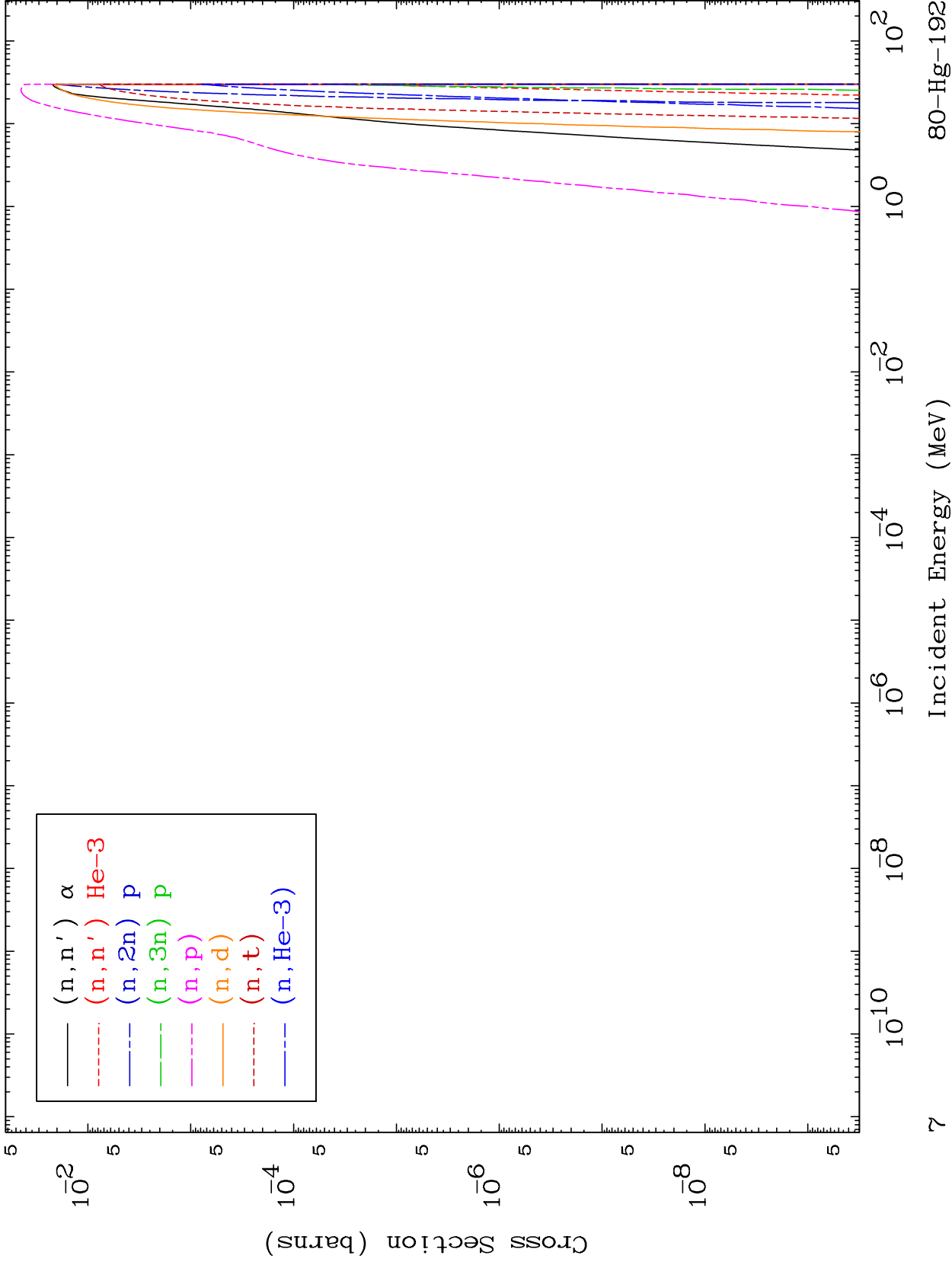
80-Hg-192



MAT 8013

Charged Particle
293 Kelvin Cross Sections

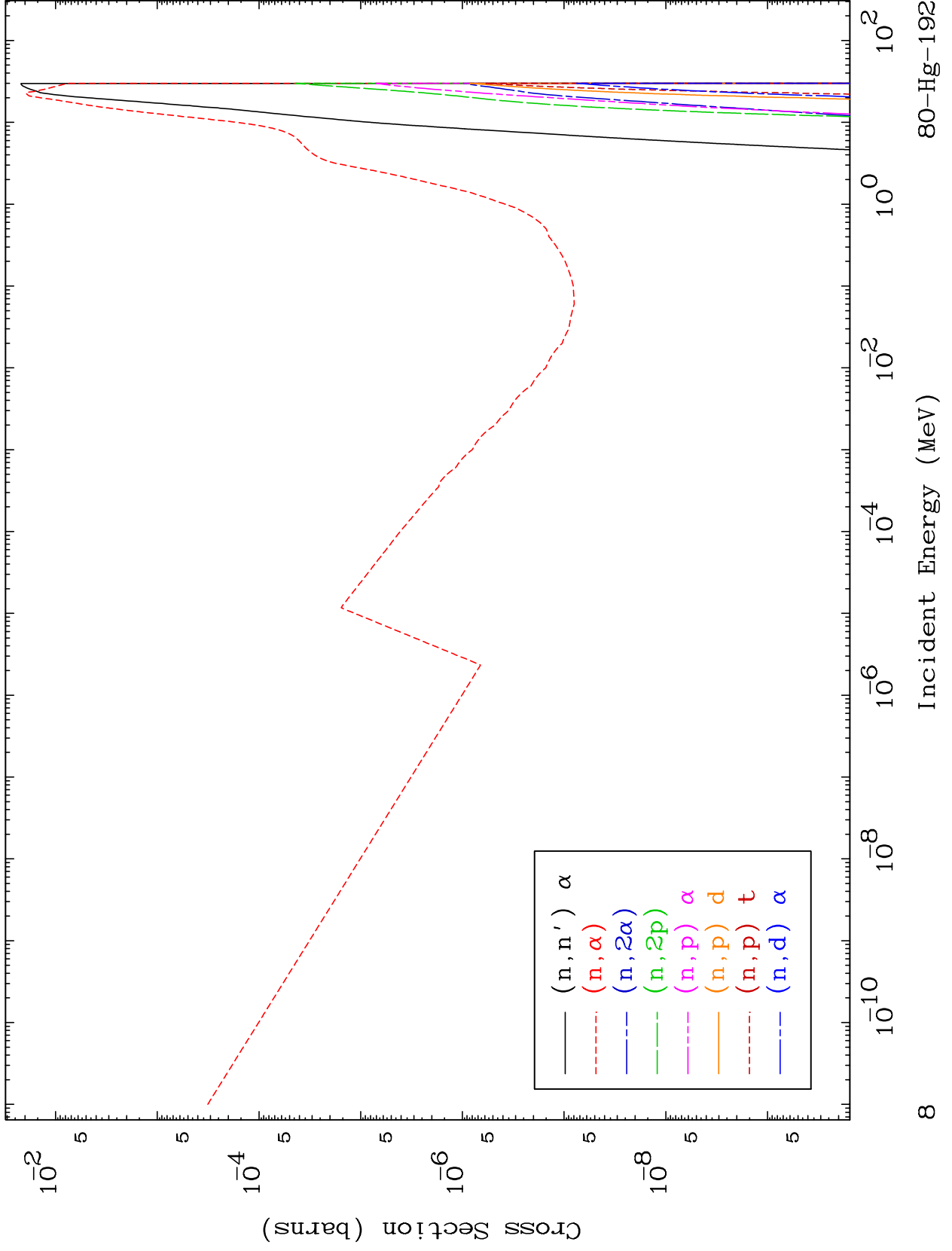
80-Hg-192



MAT 8013

Charged Particle
293 Kelvin Cross Sections

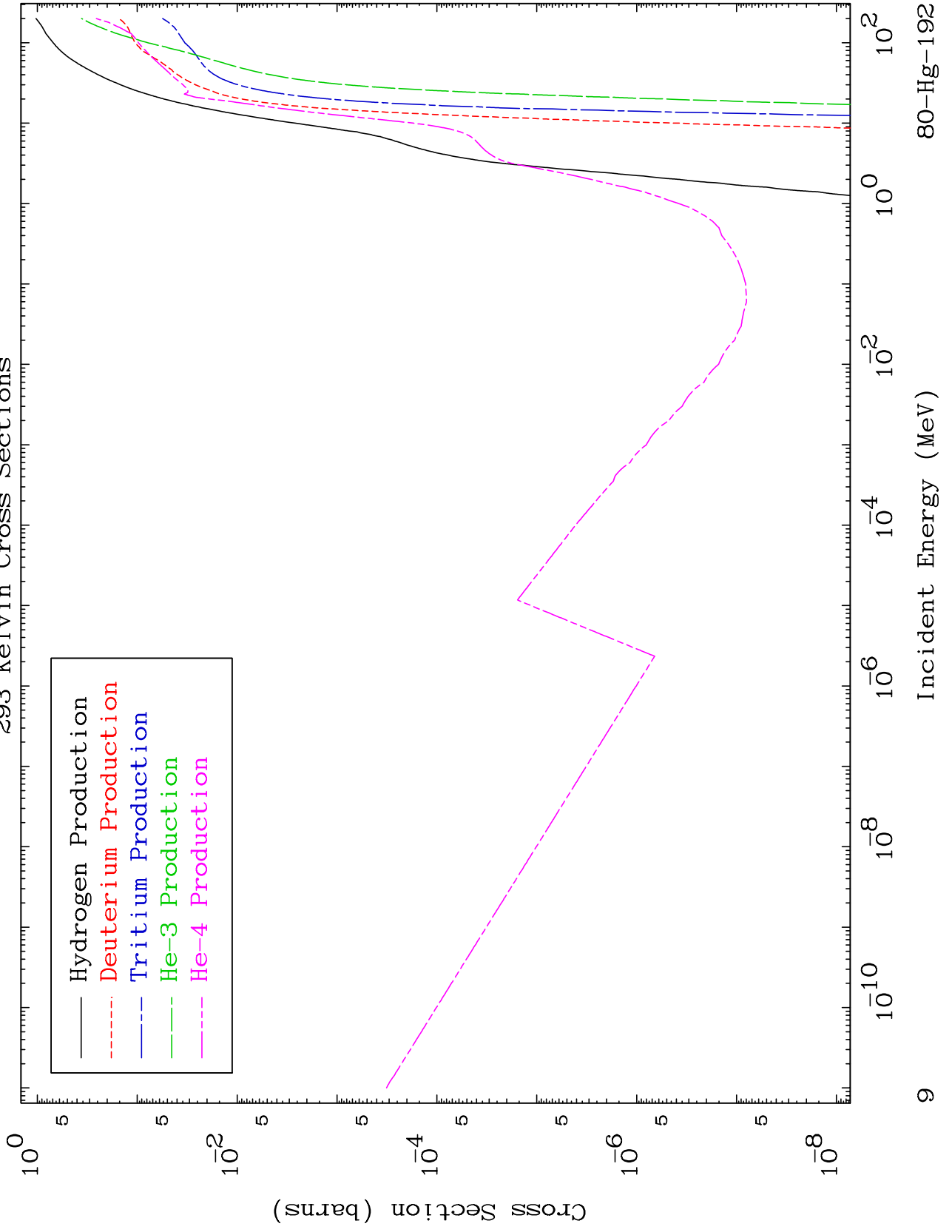
80-Hg-192



MAT 8013

Particle Production
293 Kelvin Cross Sections

80-Hg-192

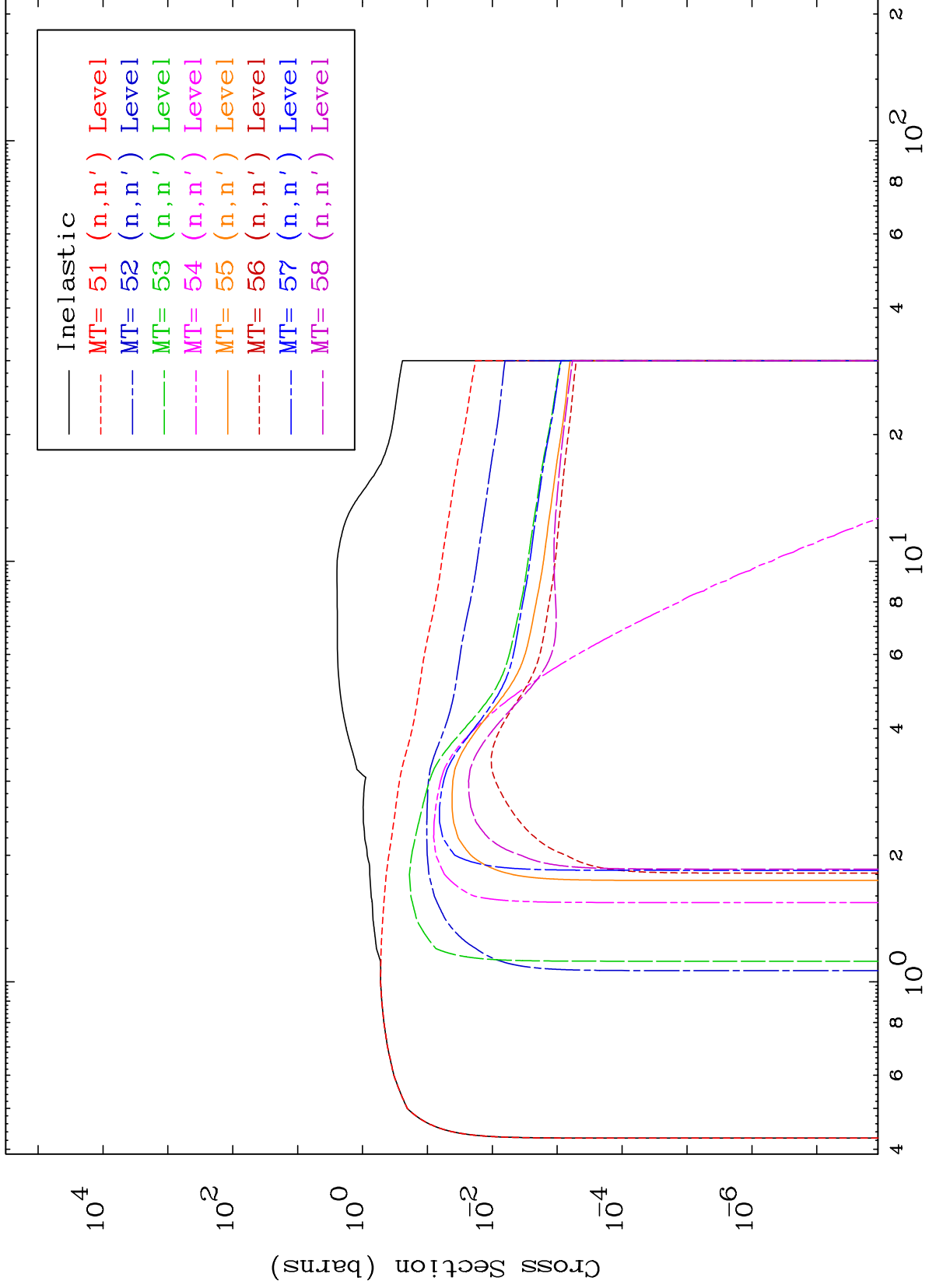


MAT 8013

(n,n') Levels

80-Hg-192

293 Kelvin Cross Sections



10

Incident Energy (MeV)

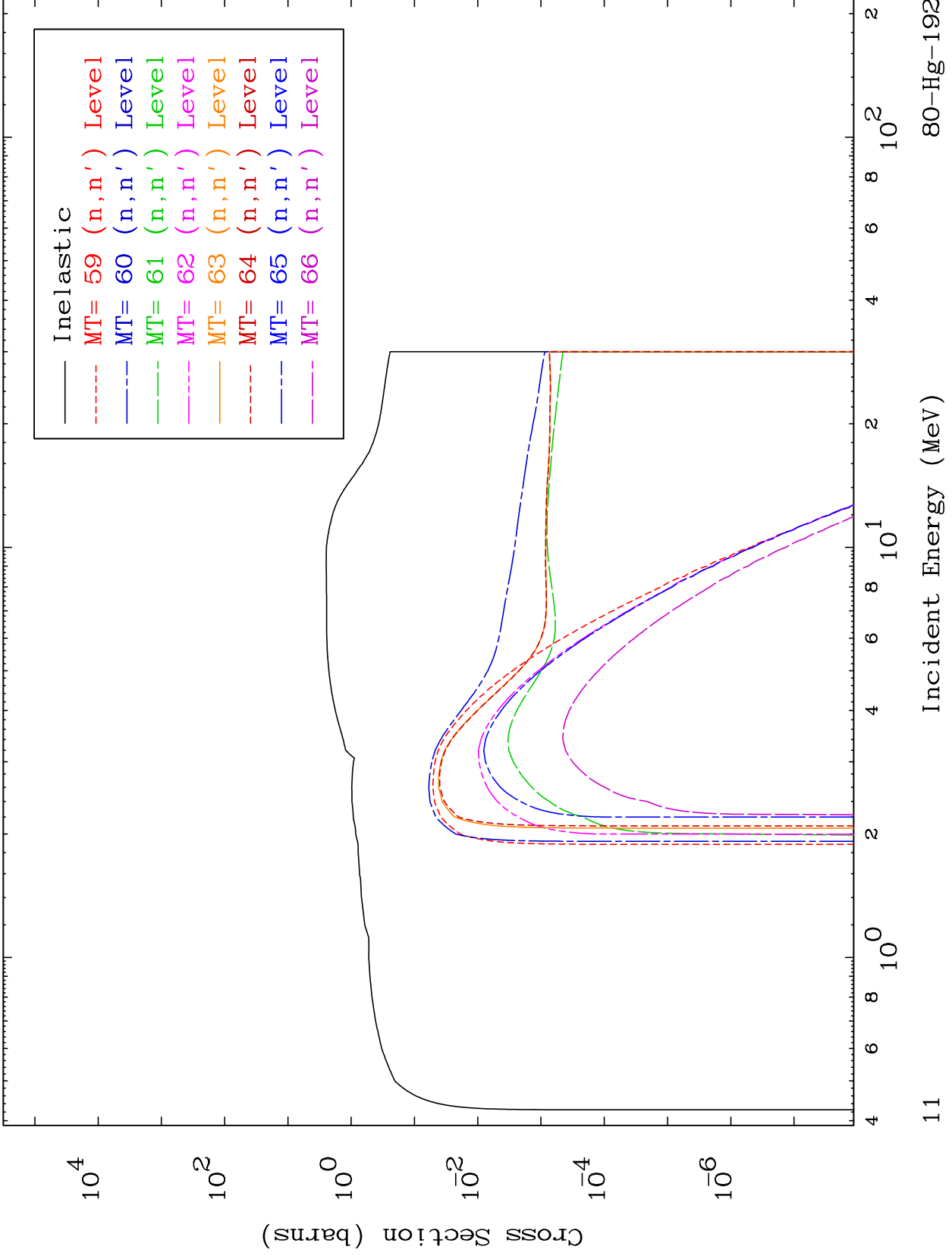
80-Hg-192

MAT 8013

(n,n') Levels

80-Hg-192

293 Kelvin Cross Sections

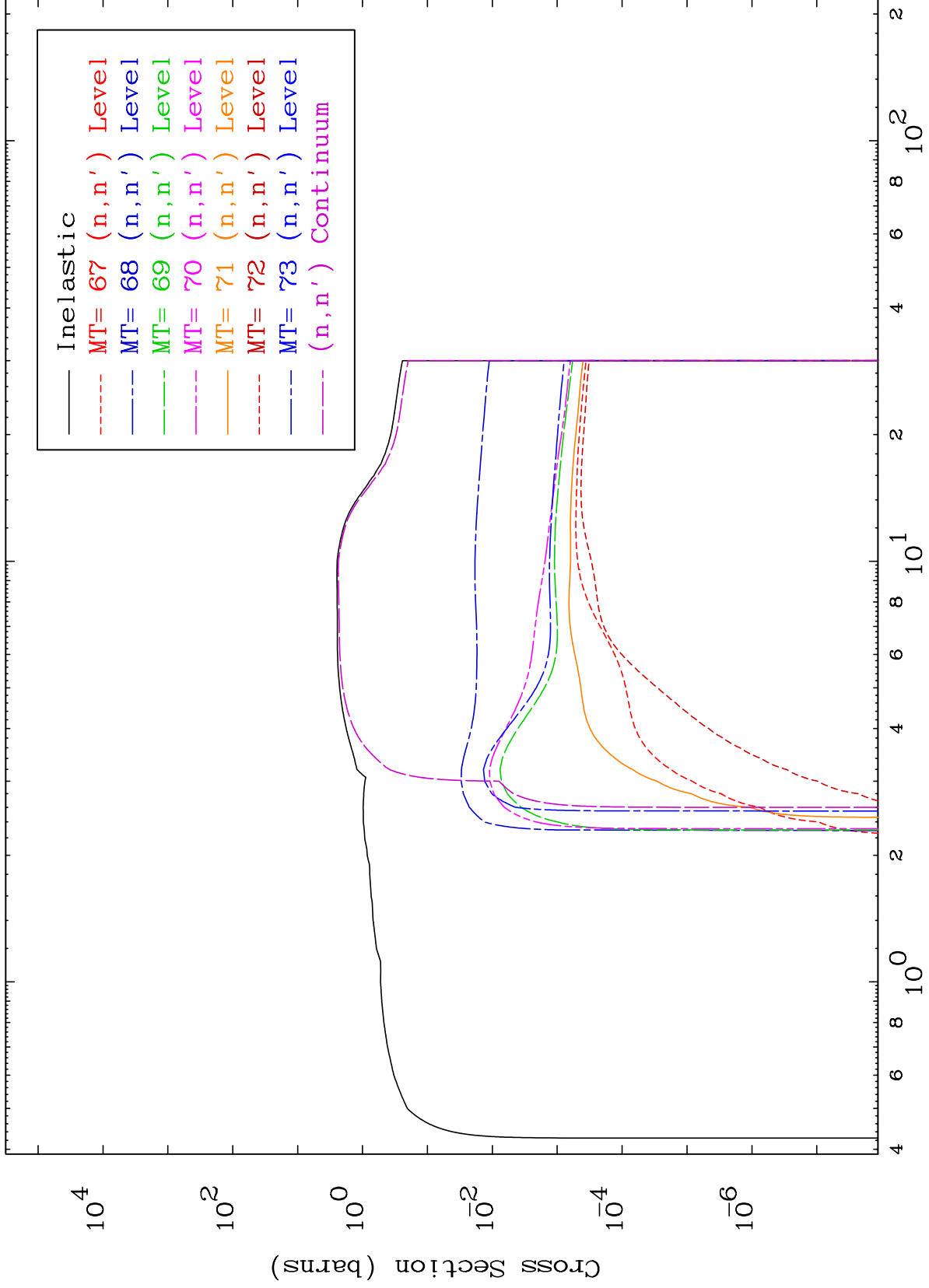


MAT 8013

(n,n') Levels

80-Hg-192

293 Kelvin Cross Sections



12

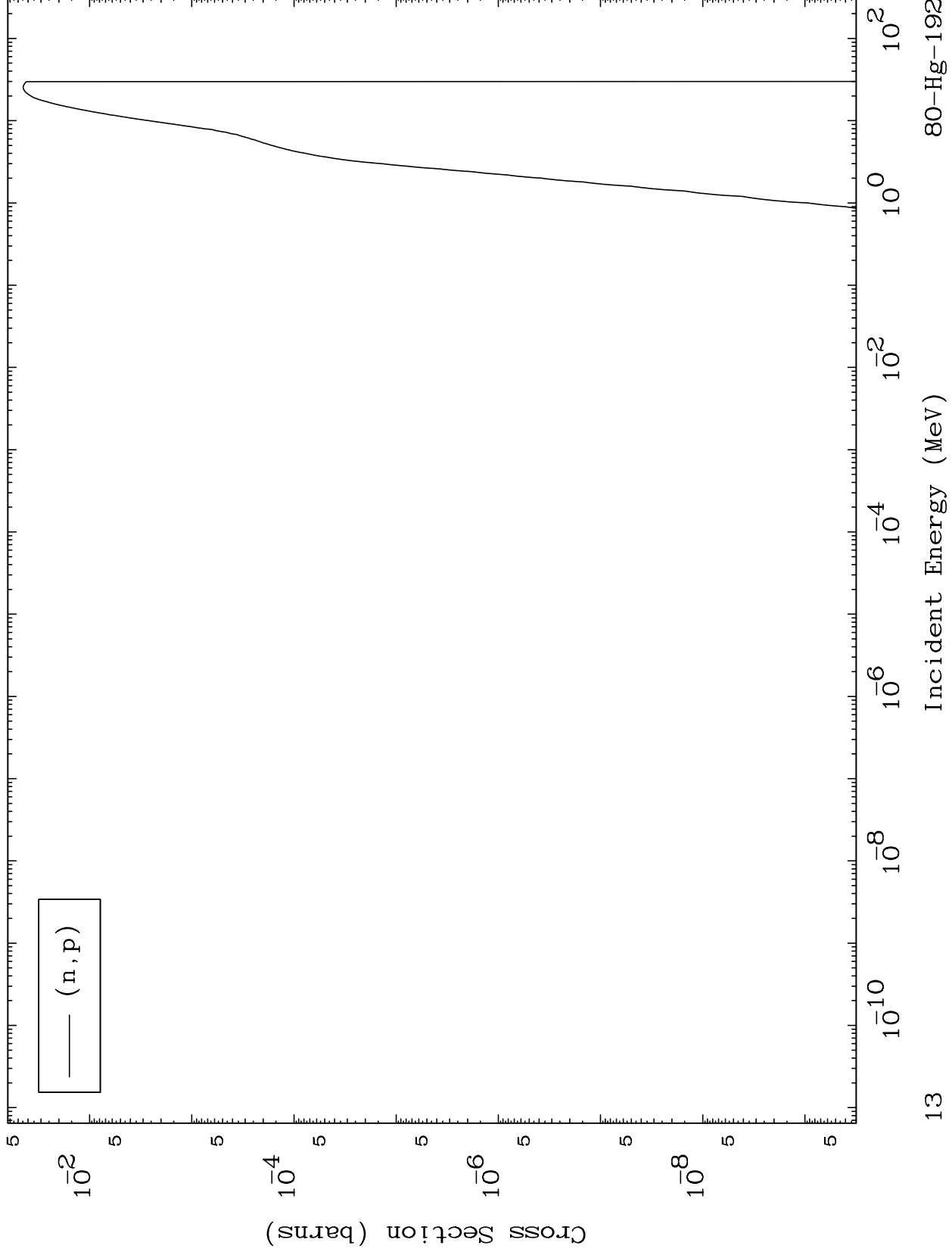
Incident Energy (MeV)

80-Hg-192

MAT 8013

(n,p) Levels
293 Kelvin Cross Sections

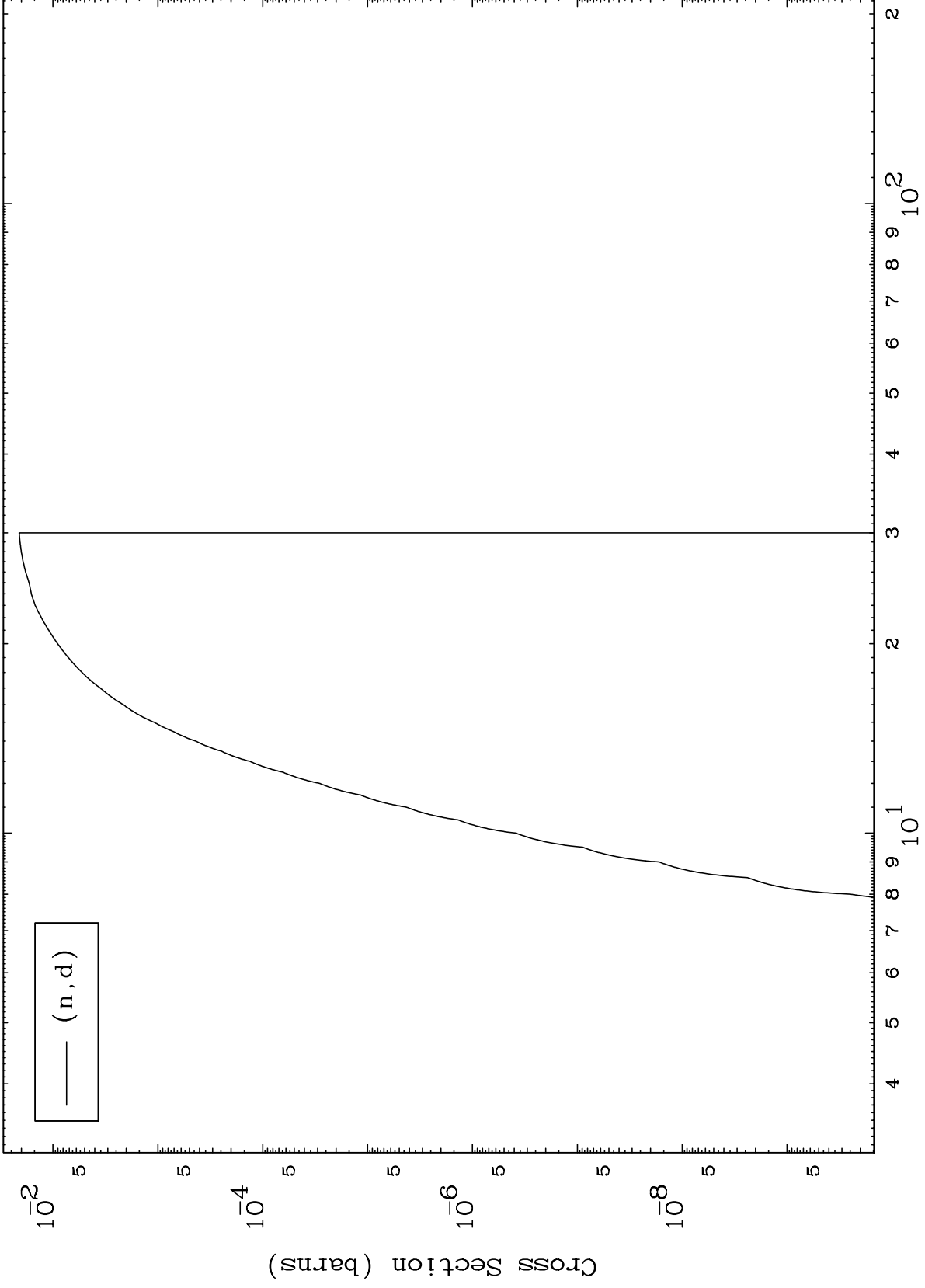
80-Hg-192



MAT 8013

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-192



14

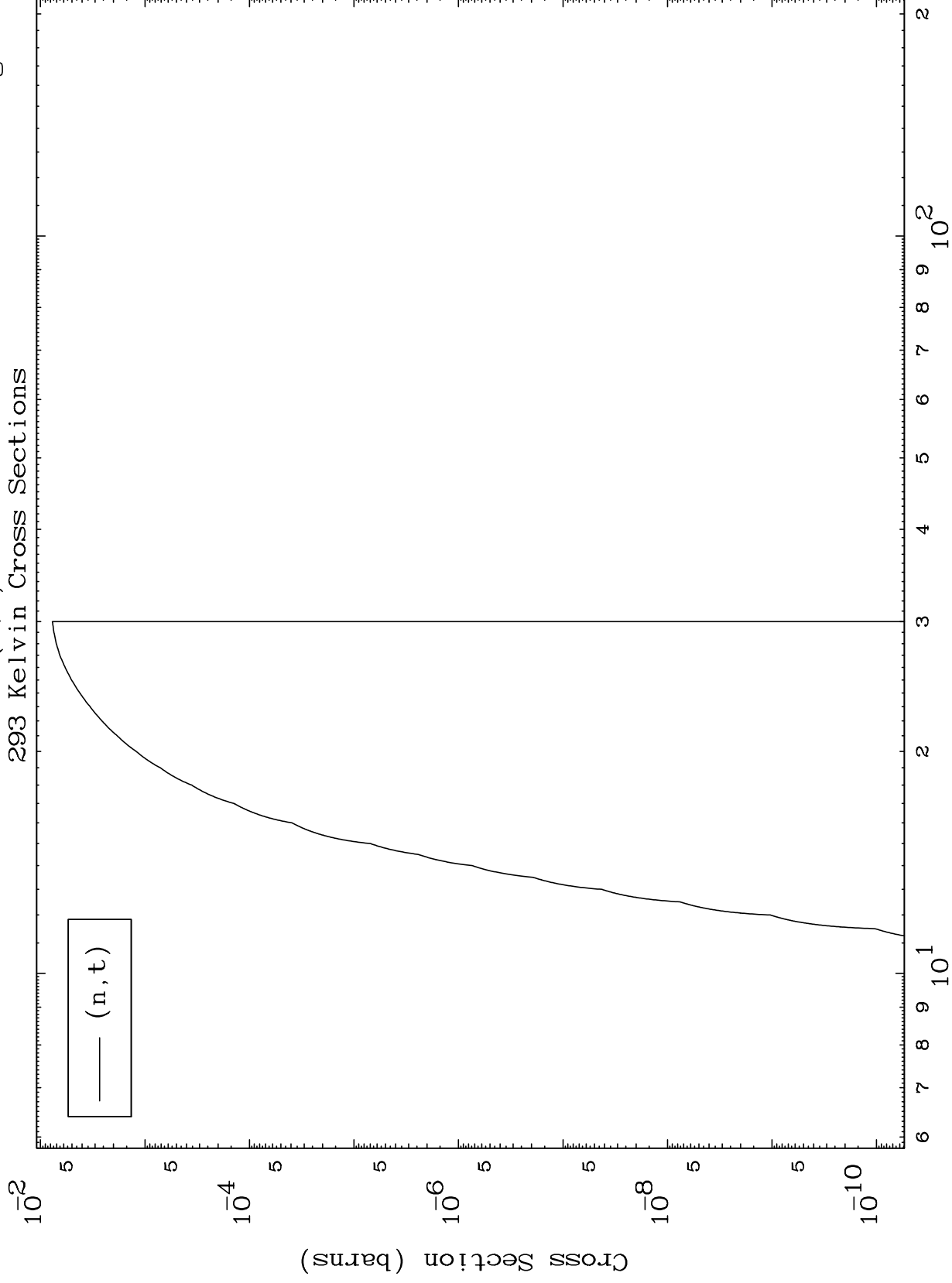
Incident Energy (MeV)

80-Hg-192

MAT 8013

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-192



15

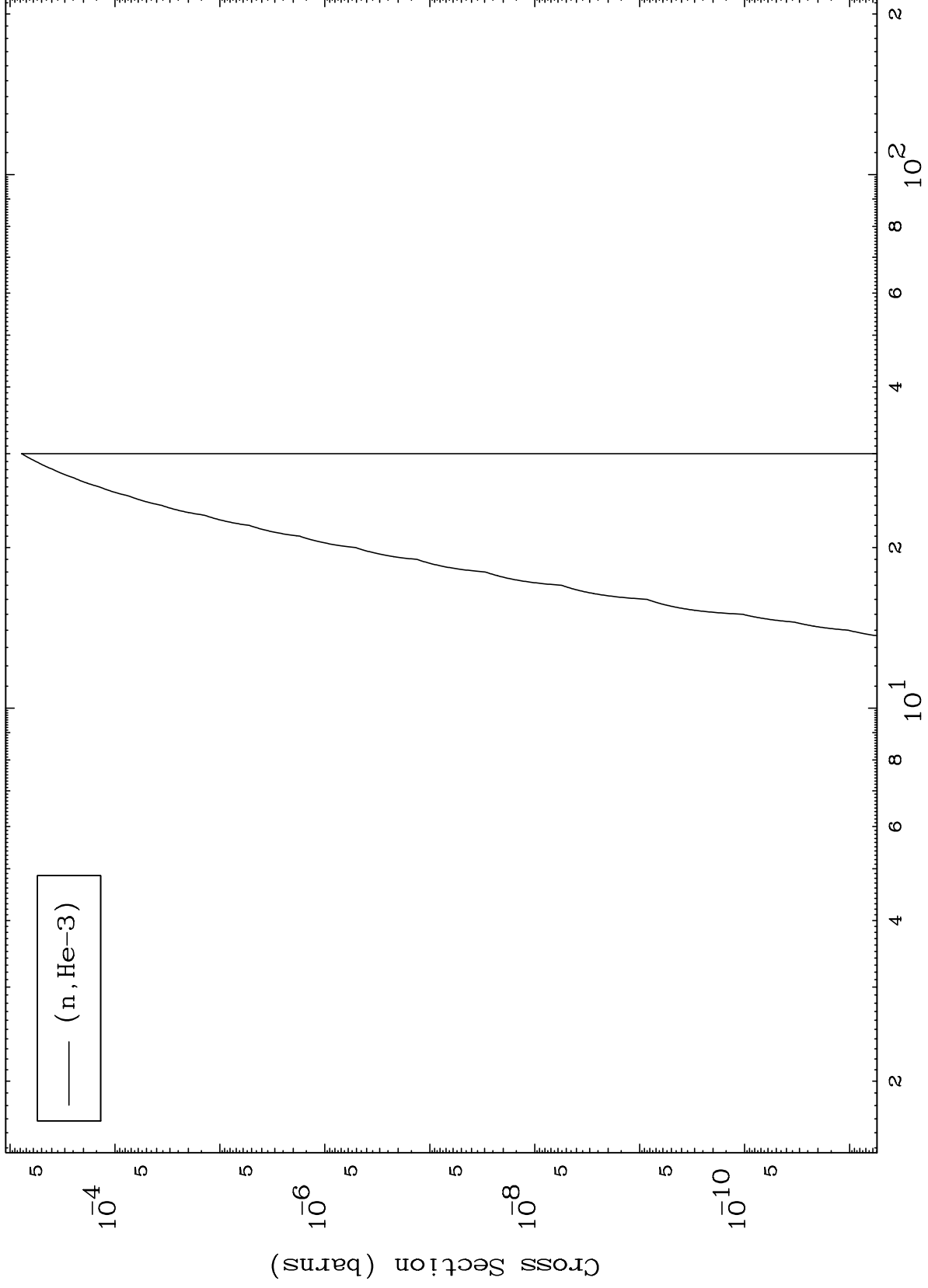
Incident Energy (MeV)

80-Hg-192

MAT 8013

(n,He3) Levels
293 Kelvin Cross Sections

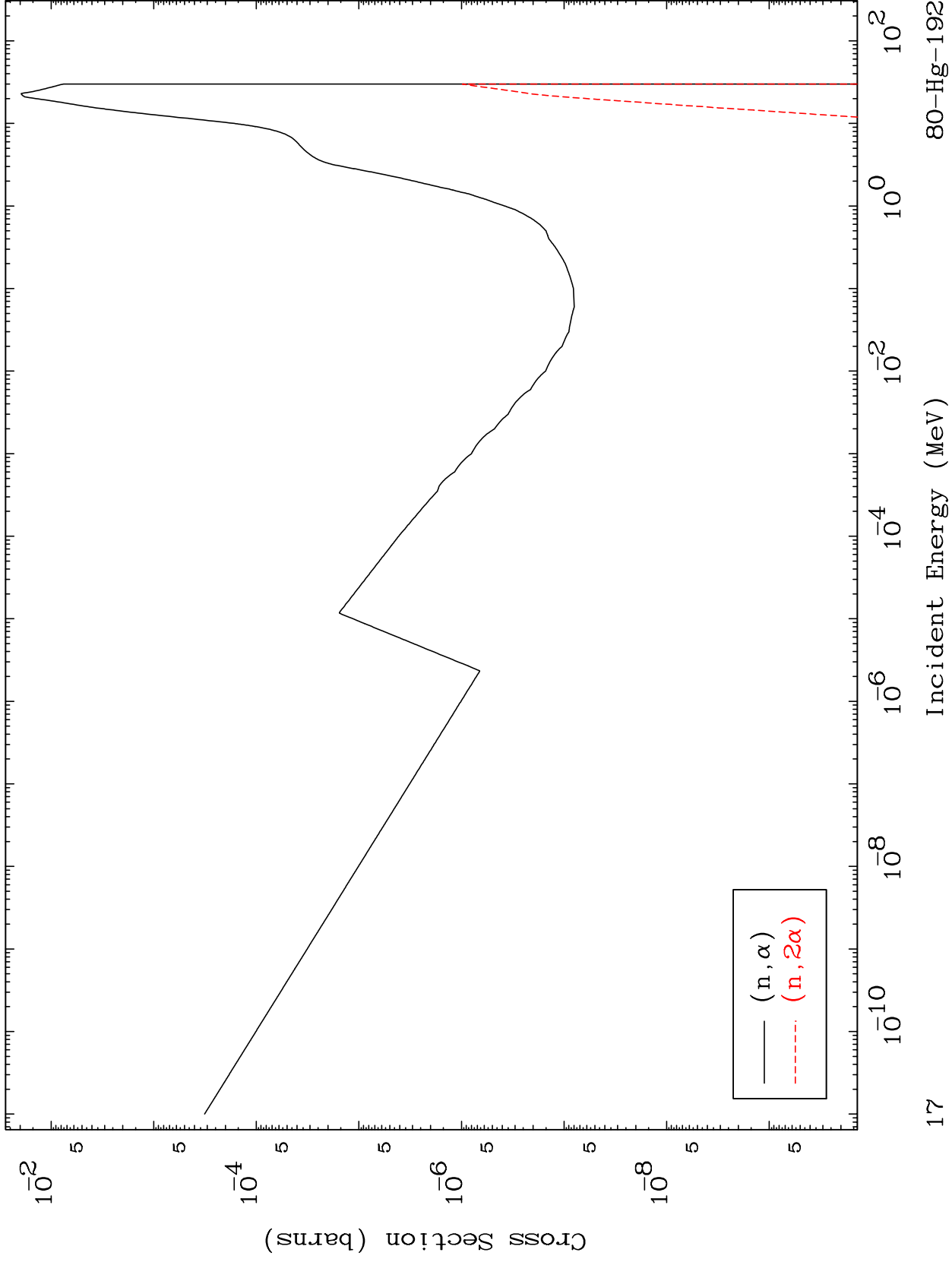
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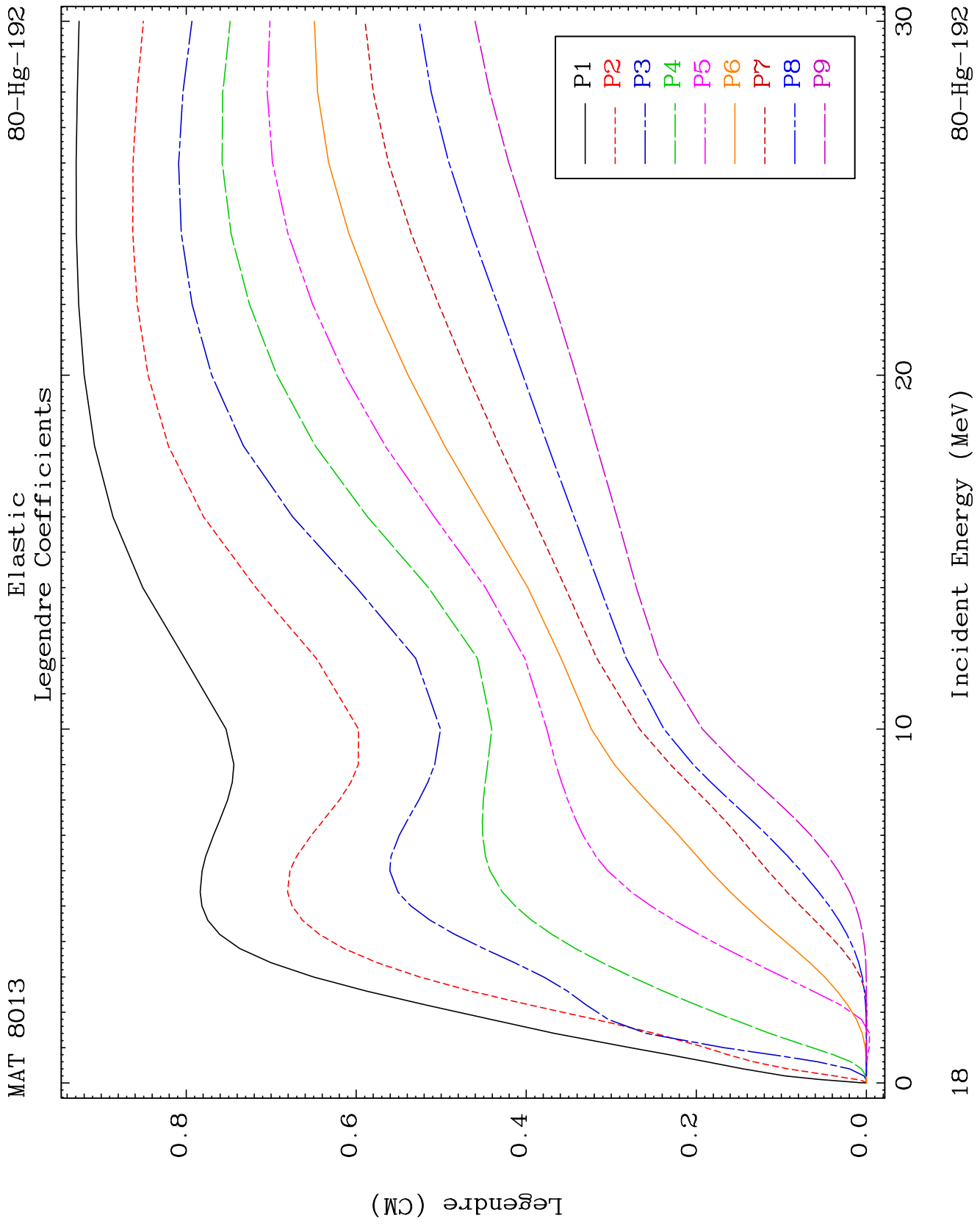


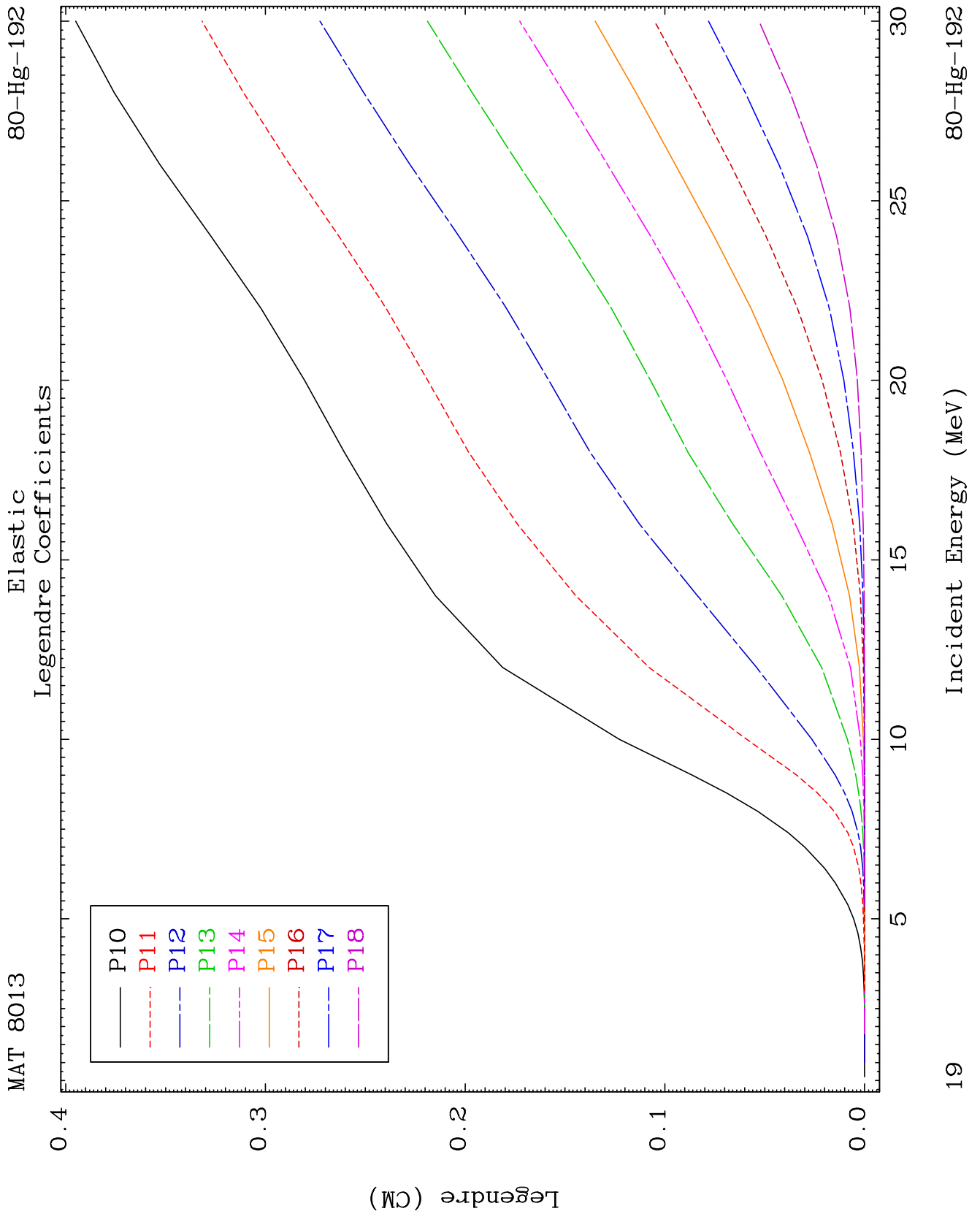
MAT 8013

(n, α) Levels
293 Kelvin Cross Sections

80-Hg-192



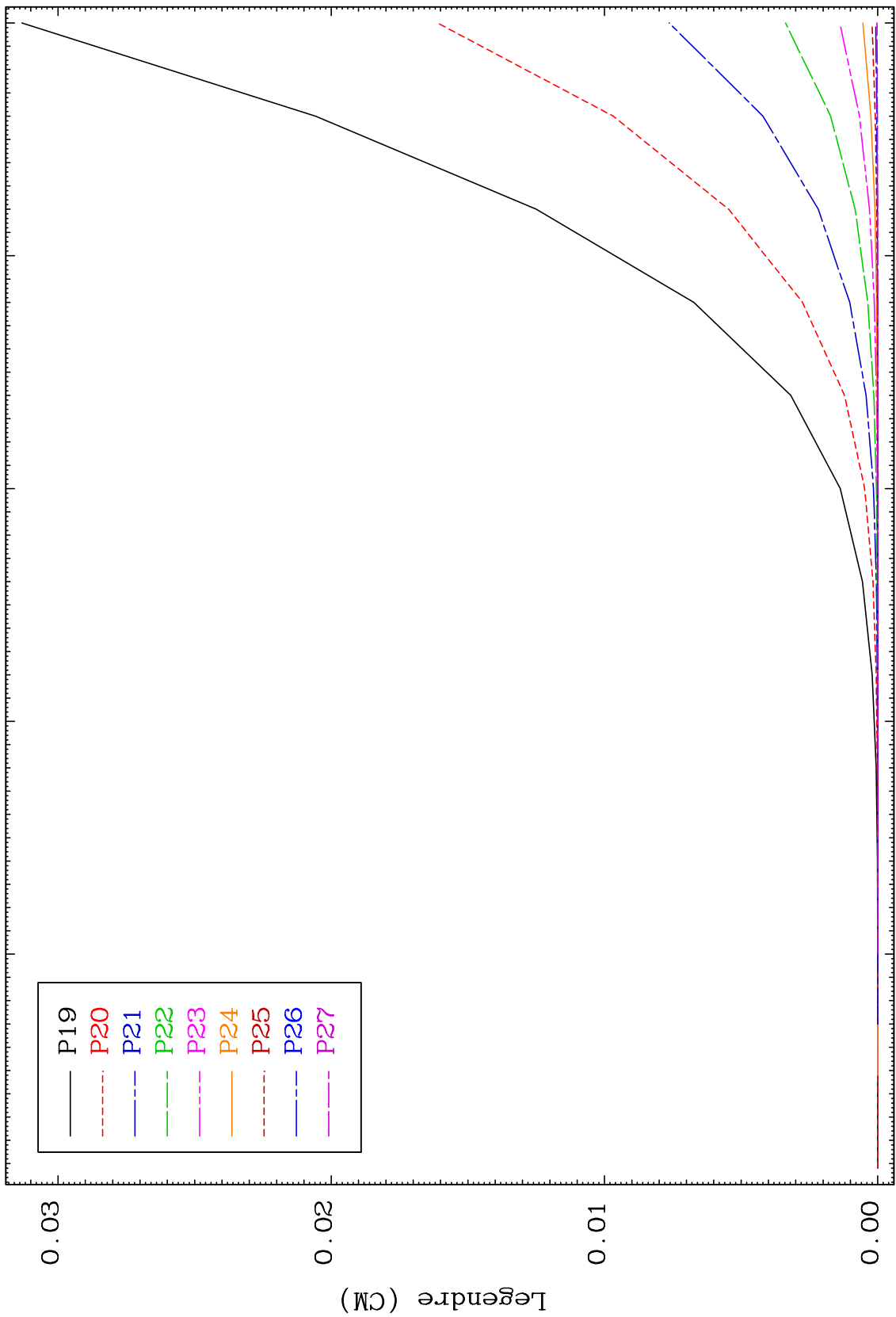




MAT 8013

Elastic Legendre Coefficients

80-Hg-192



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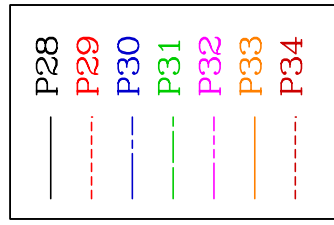
Incident Energy (MeV)

80-Hg-192

MAT 8013

Elastic
Legendre Coefficients

80-Hg-192



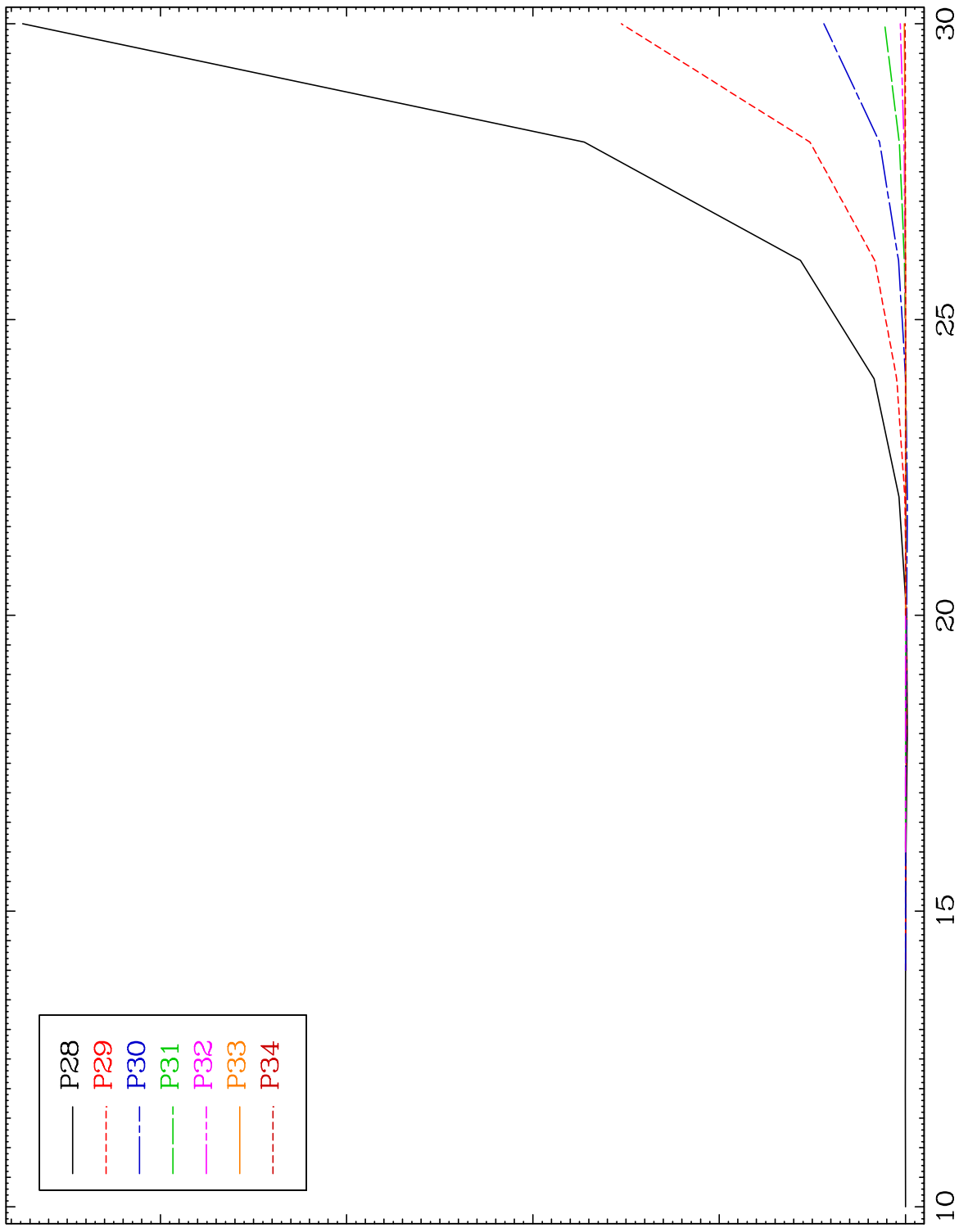
$\times 10^{-6}$

Legendre (CM)

21

Incident Energy (MeV)

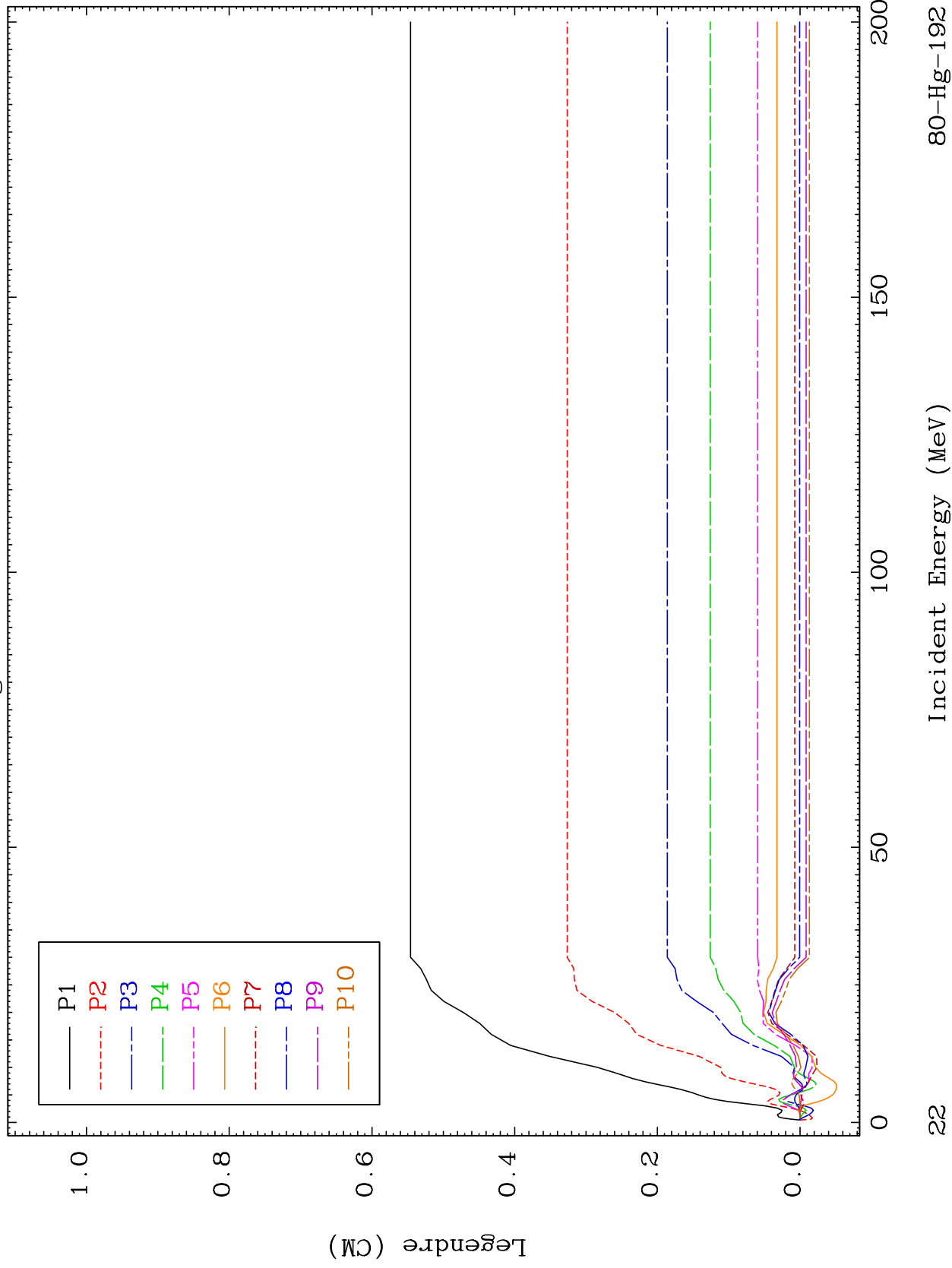
80-Hg-192



MAT 8013

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

80-Hg-192



22

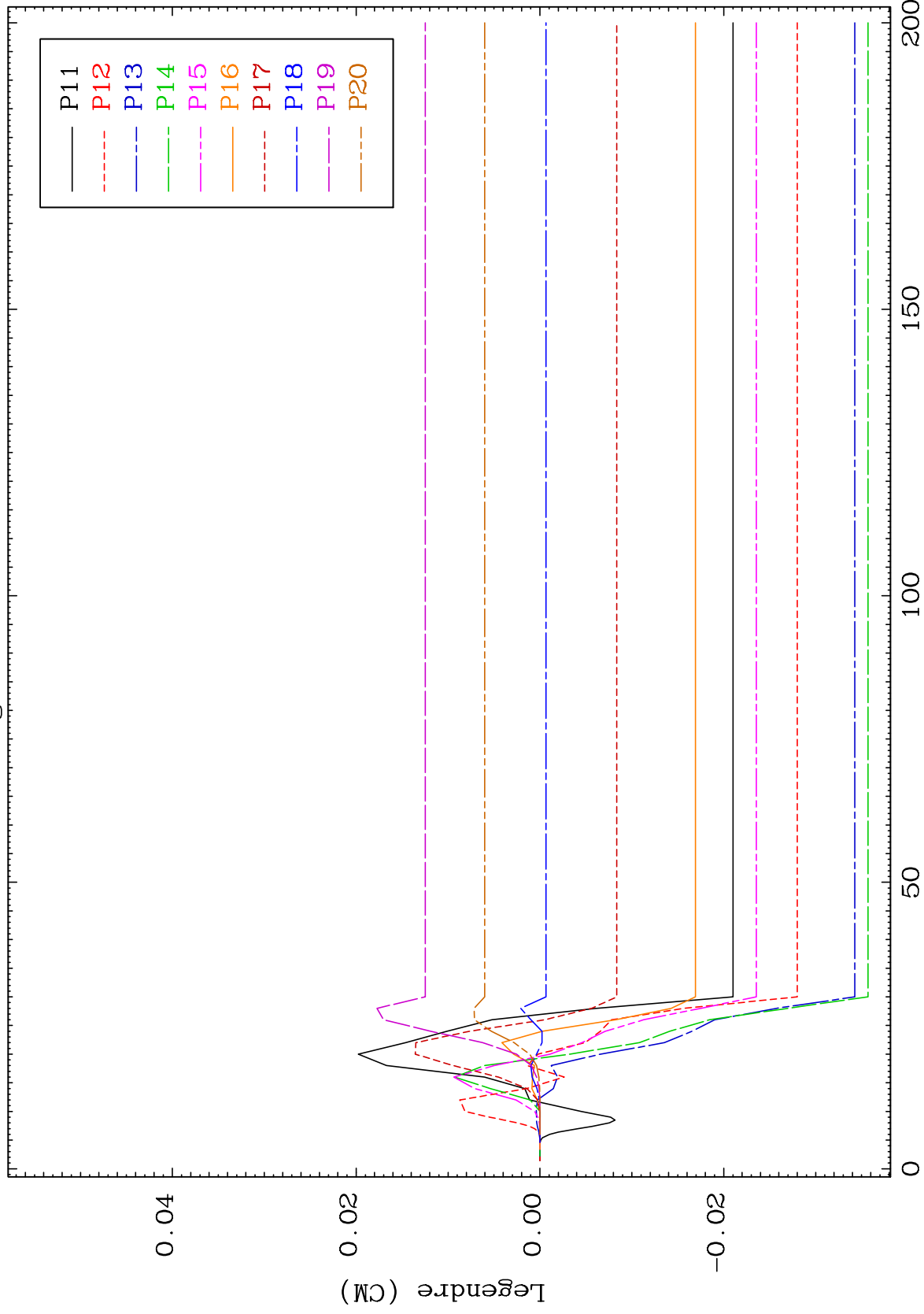
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



23

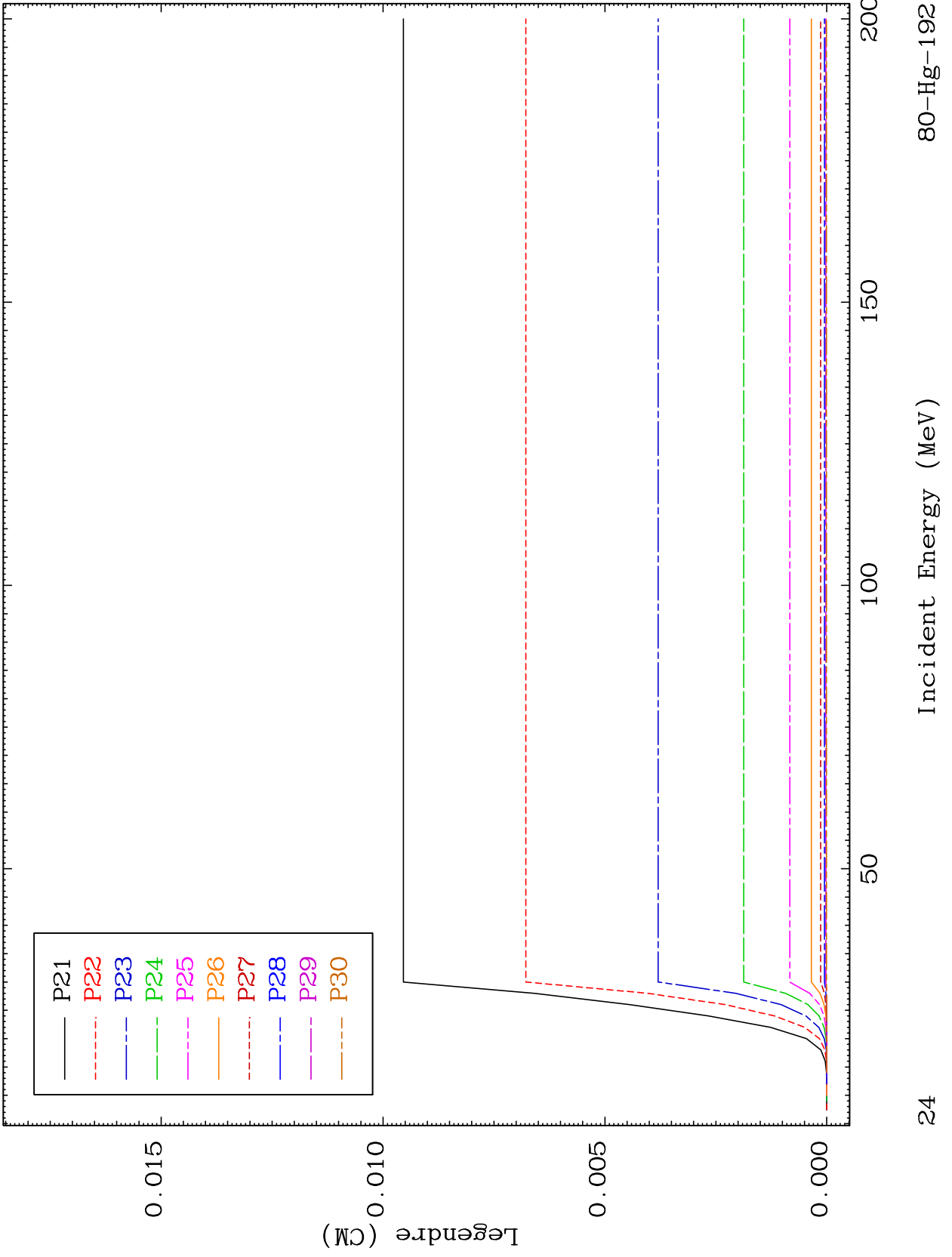
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

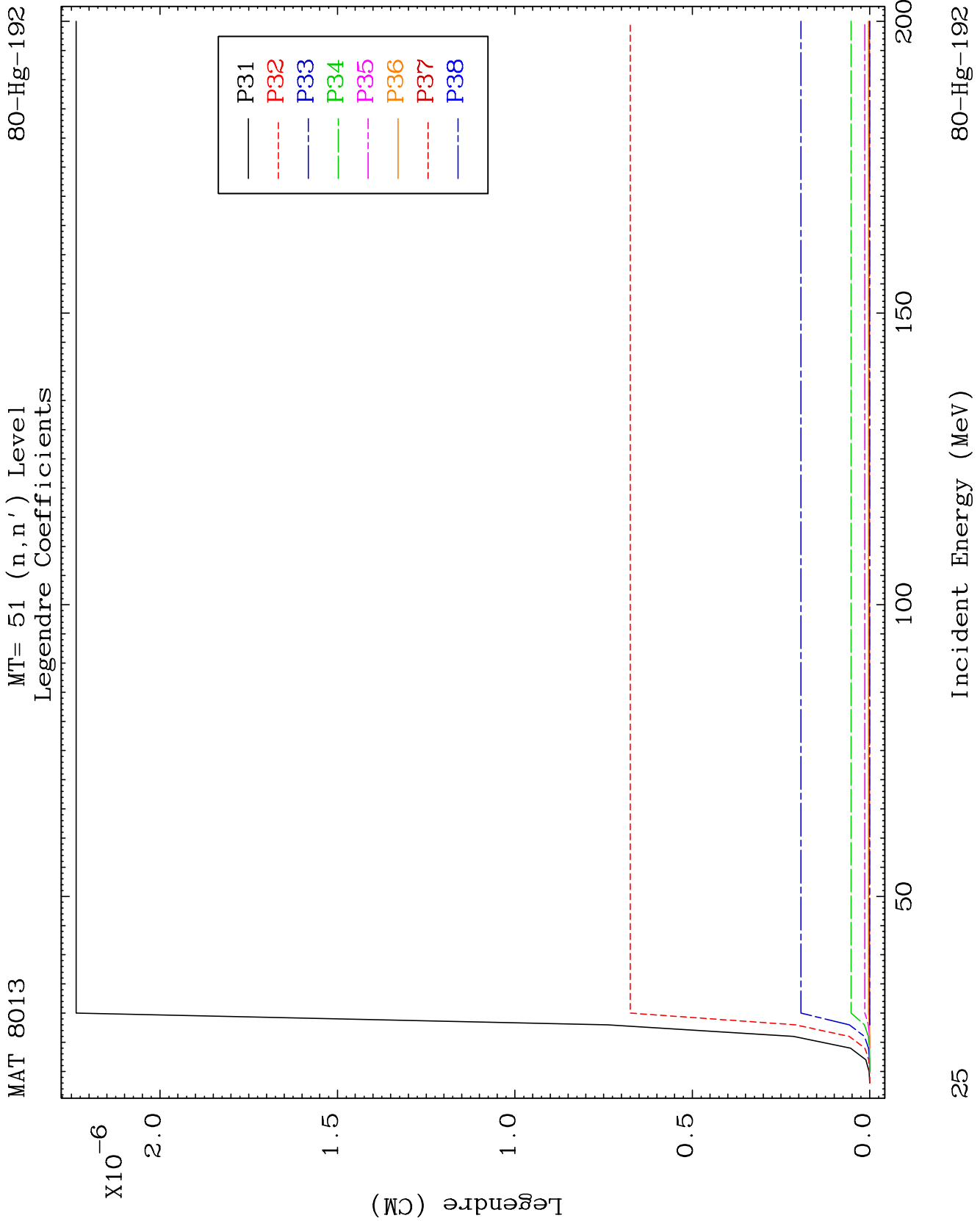
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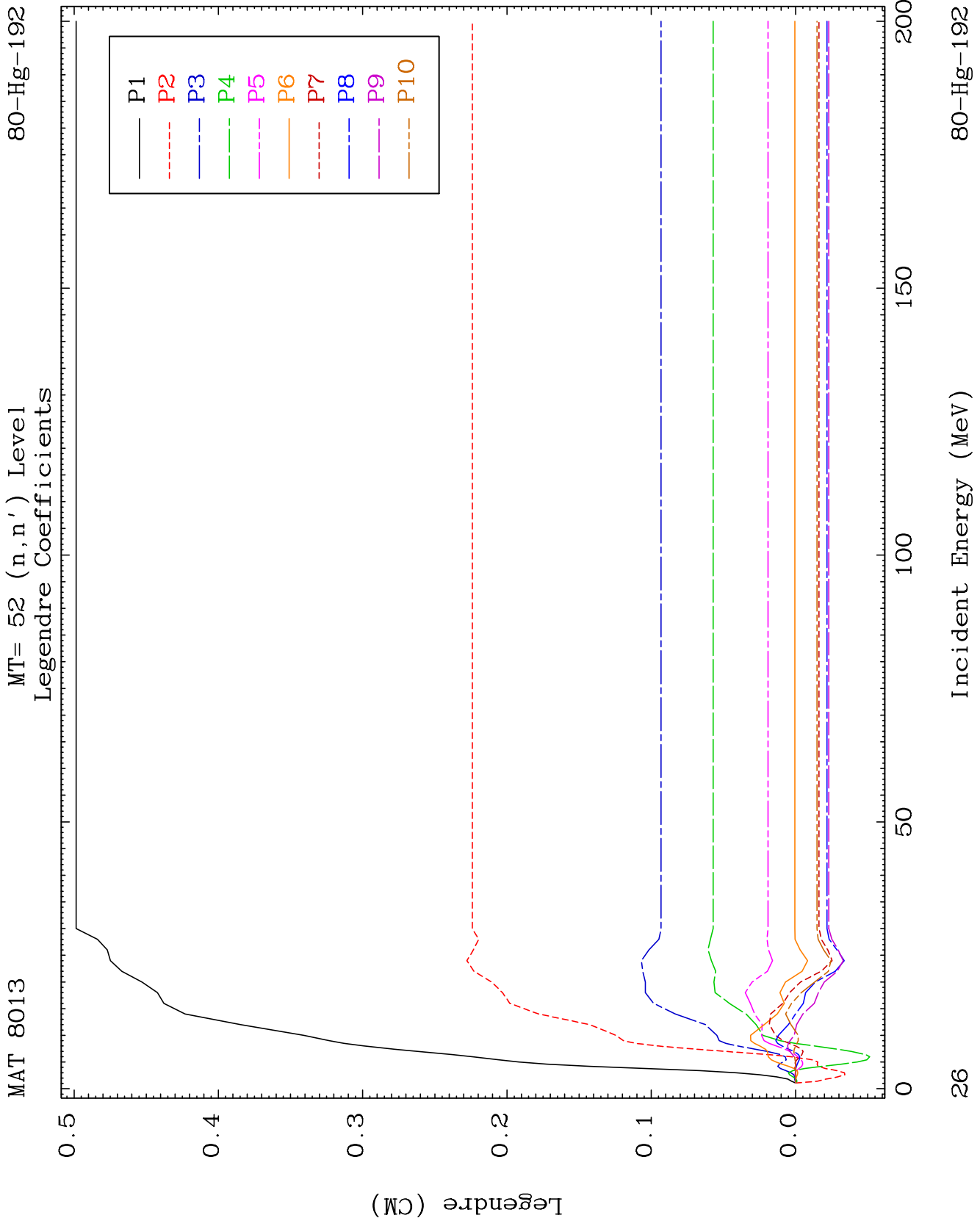


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Incident Energy (MeV)

80-Hg-192

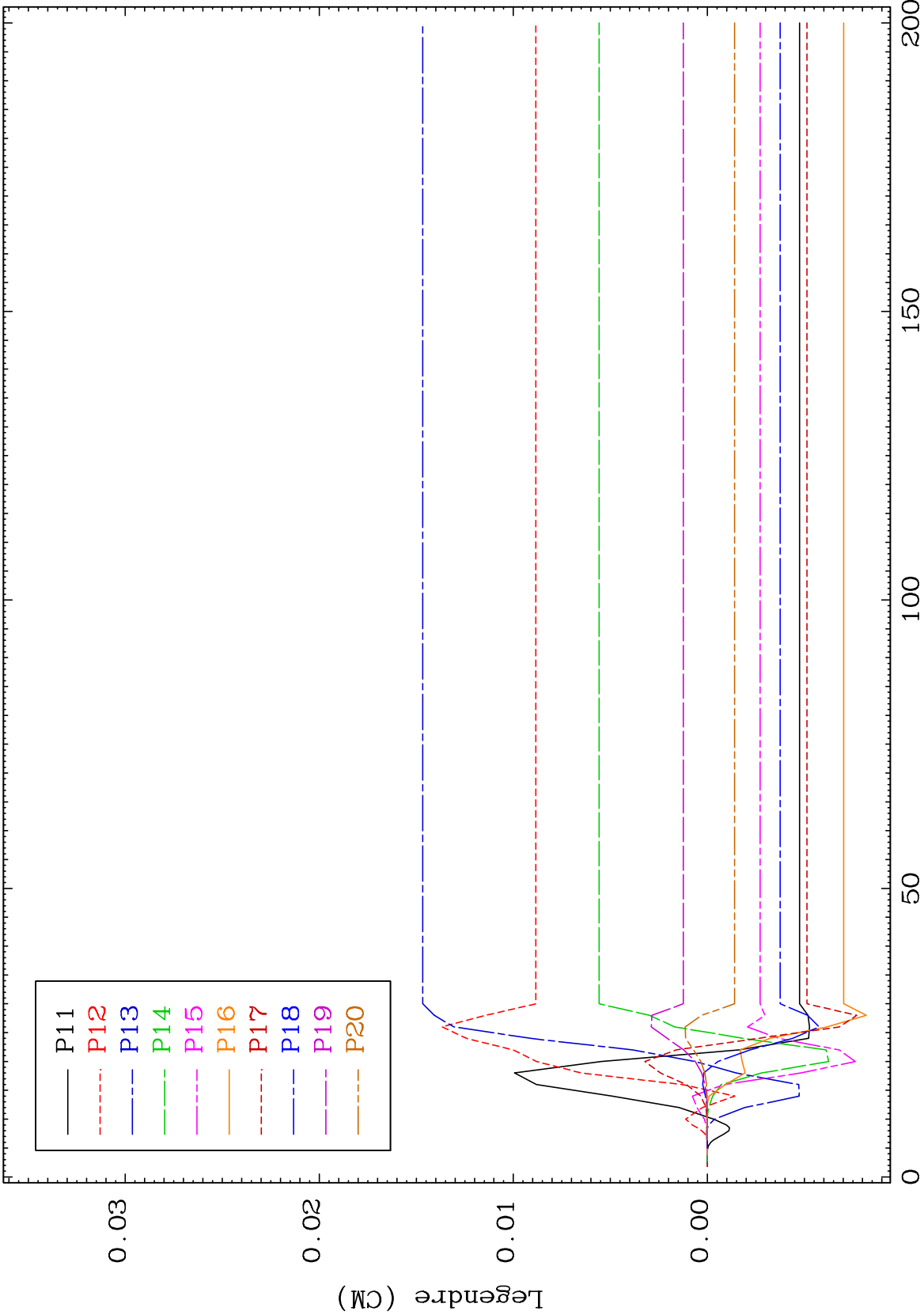




MAT 8013

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

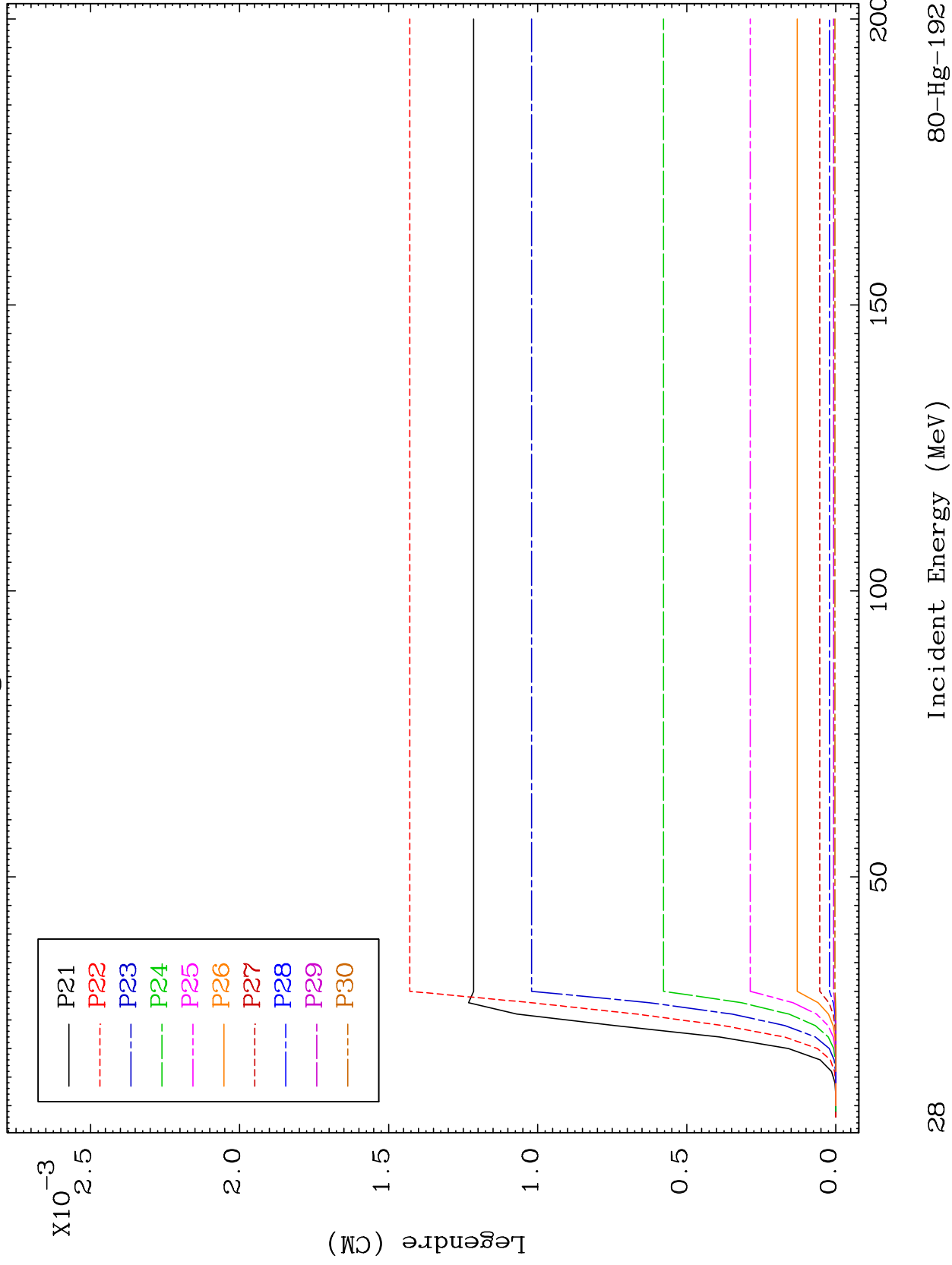
80-Hg-192



MAT 8013

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

80-Hg-192



28

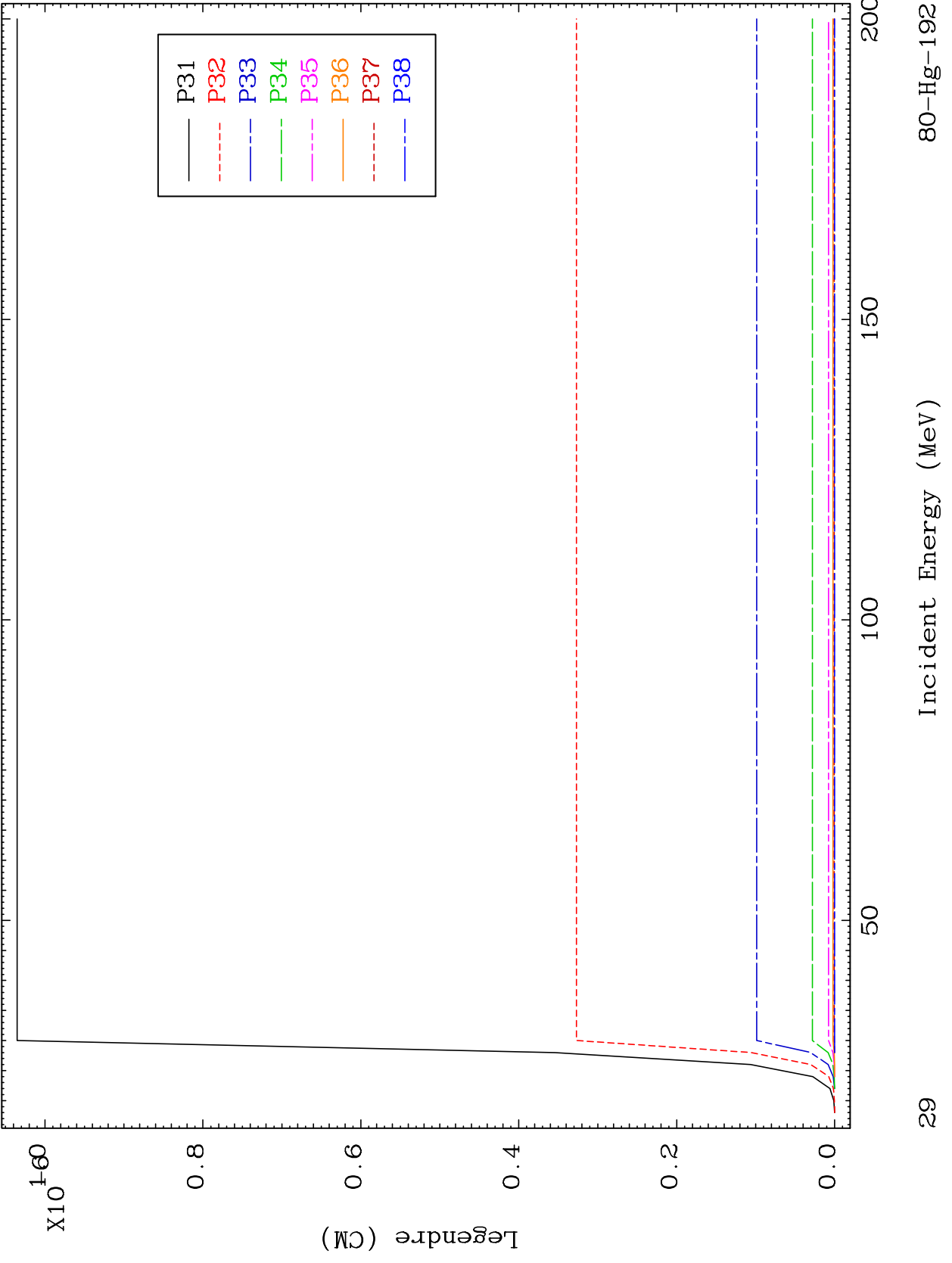
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192

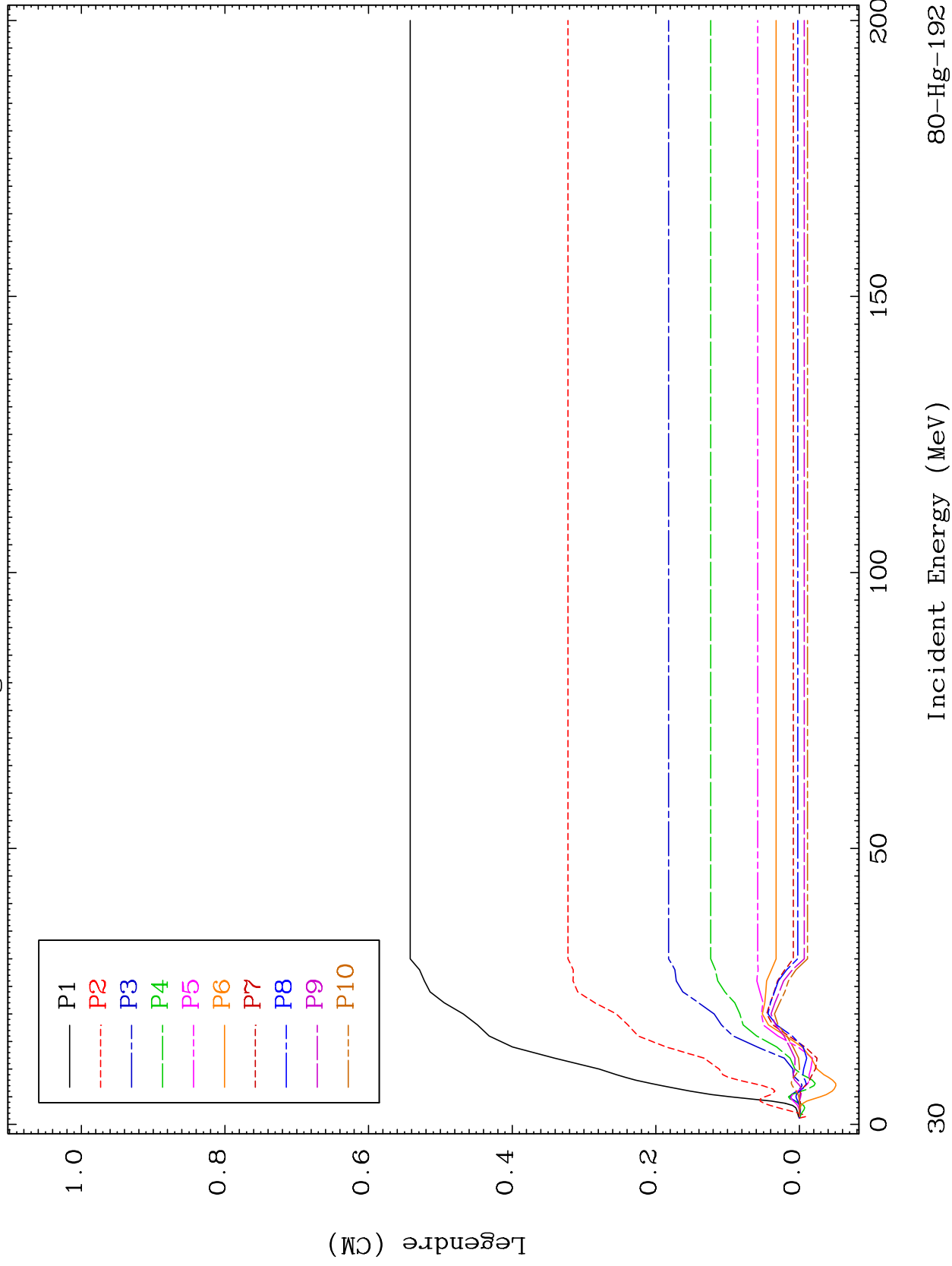


29

MAT 8013

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

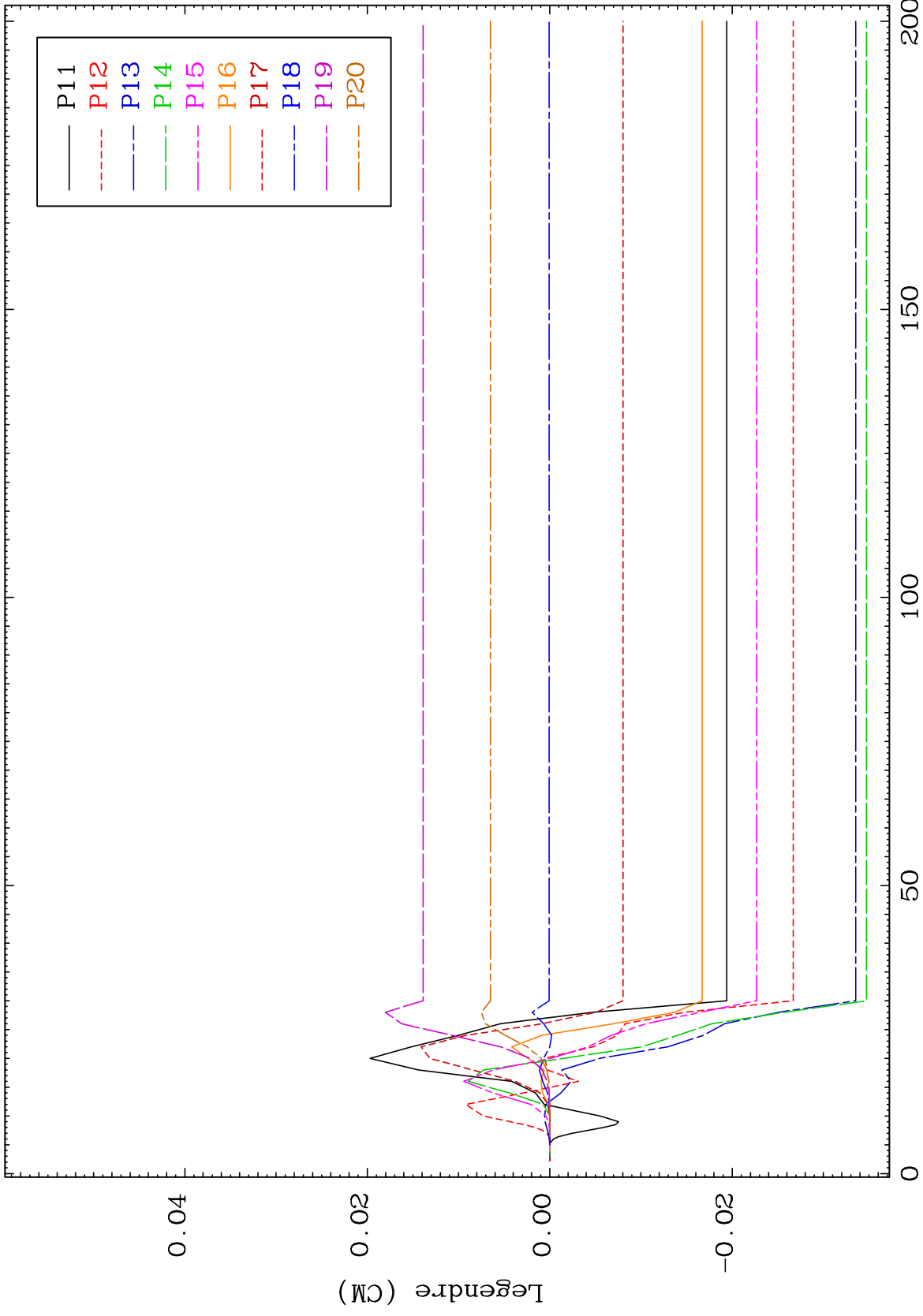
80-Hg-192



MAT 8013

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

80-Hg-192



31

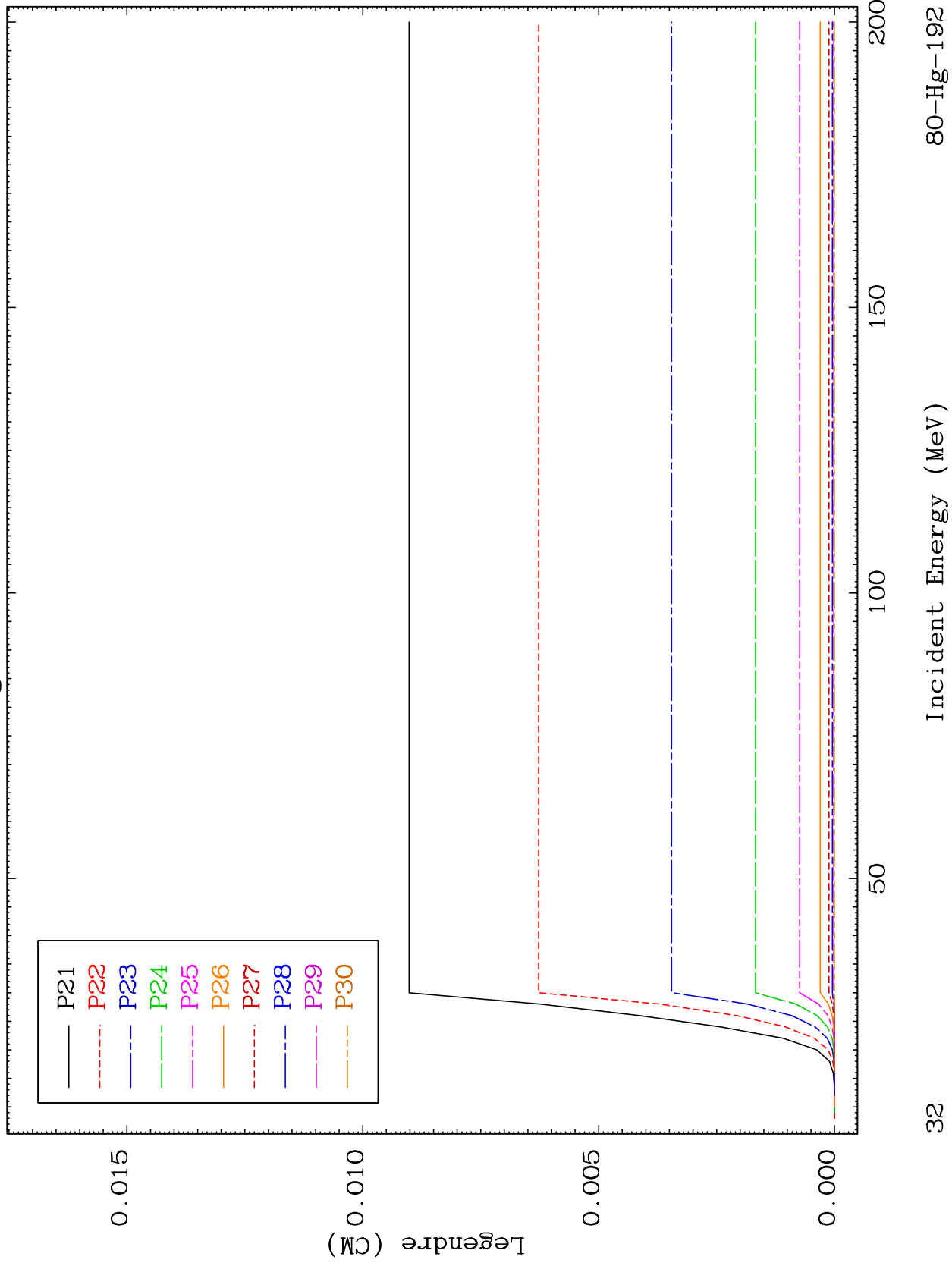
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



32

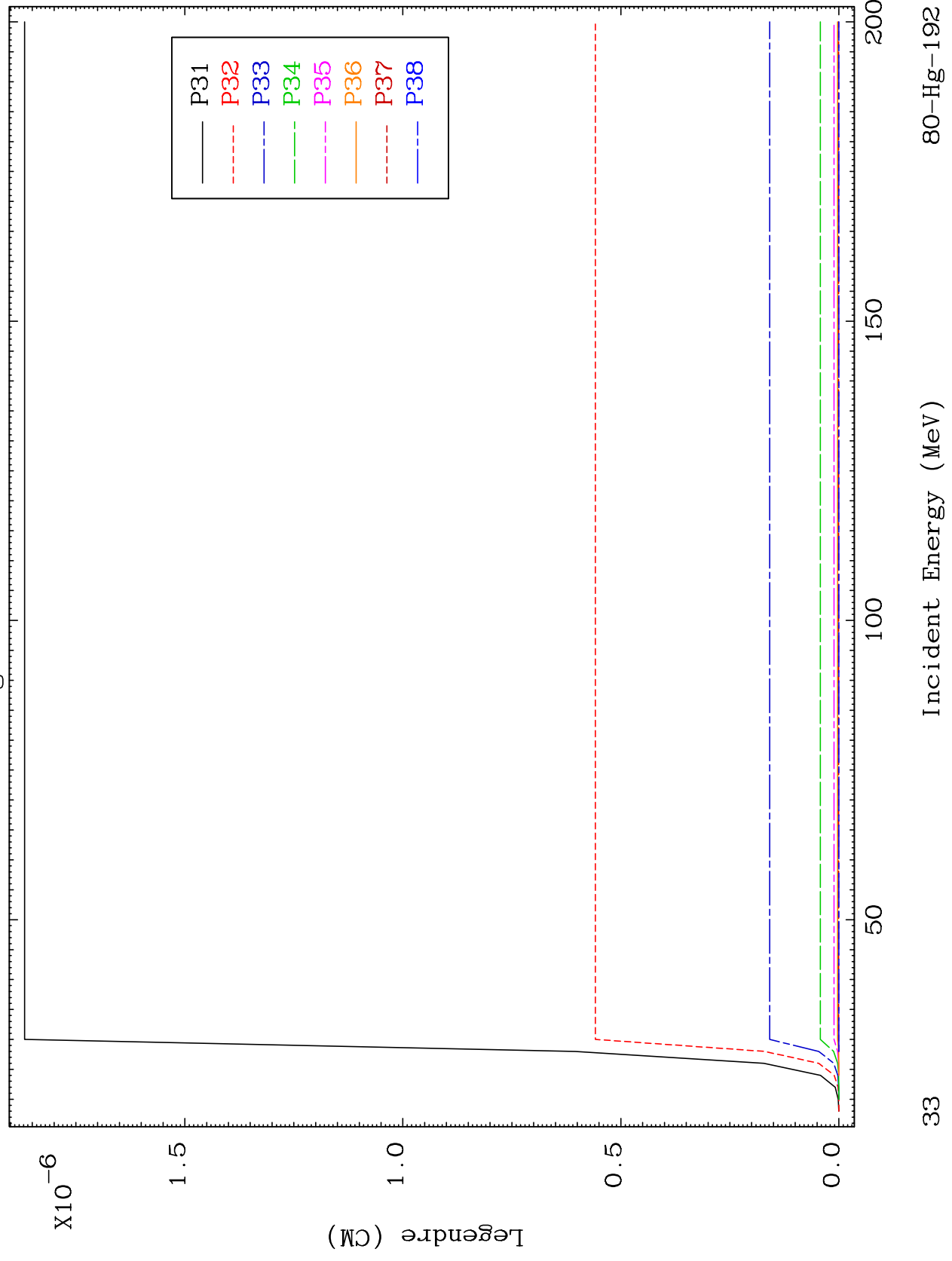
Incident Energy (MeV)

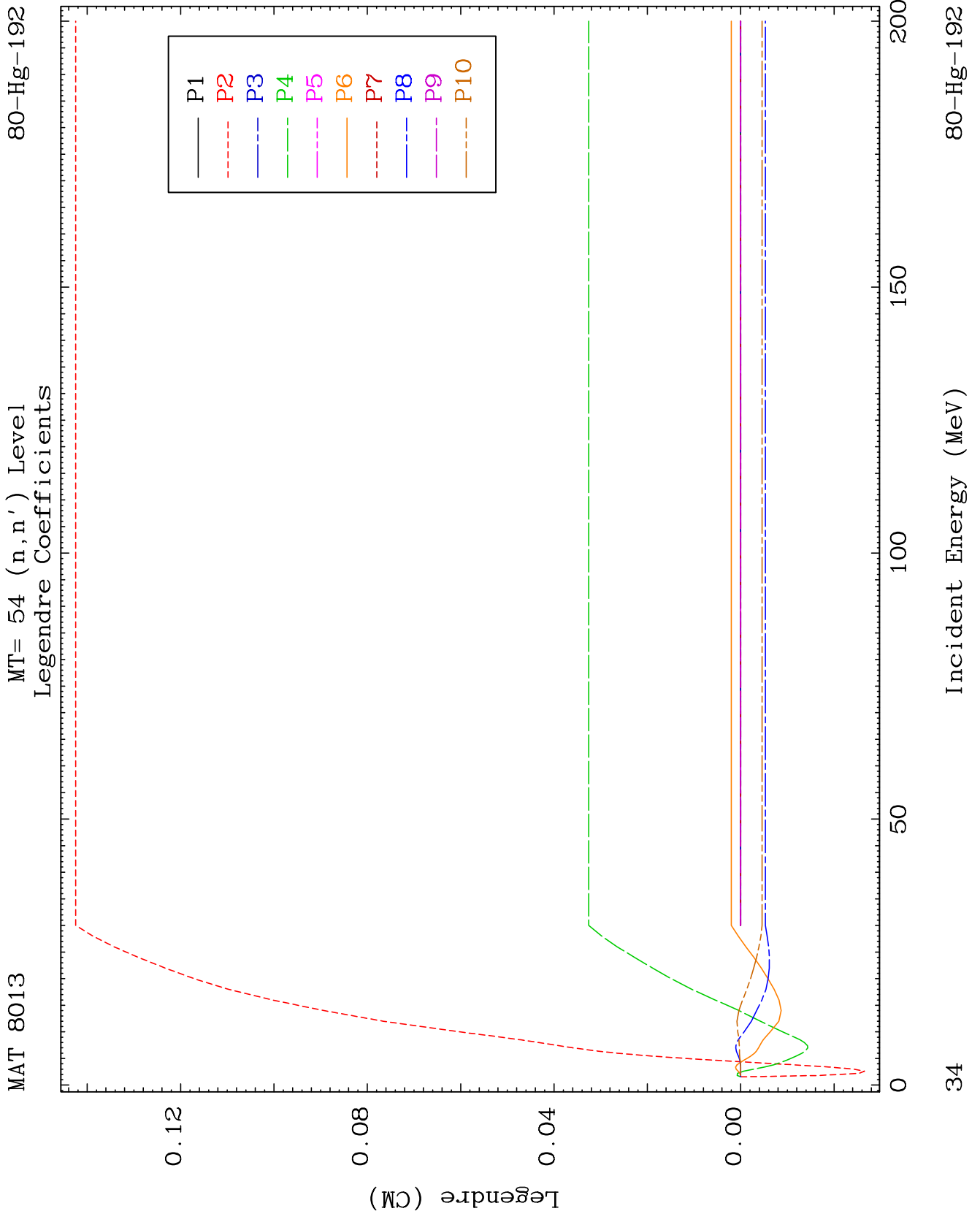
80-Hg-192

MAT 8013

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

80-Hg-192

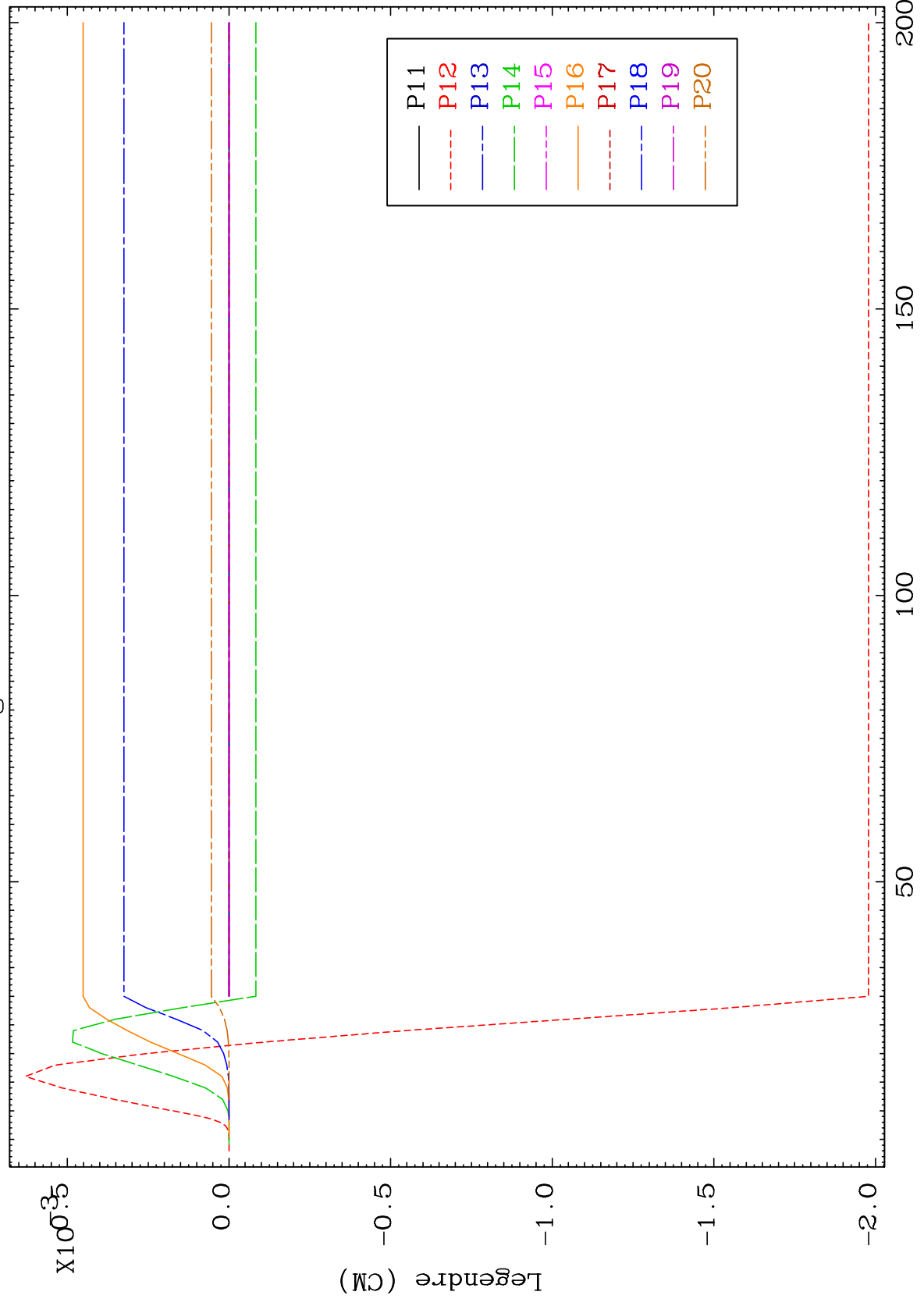




MAT 8013

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

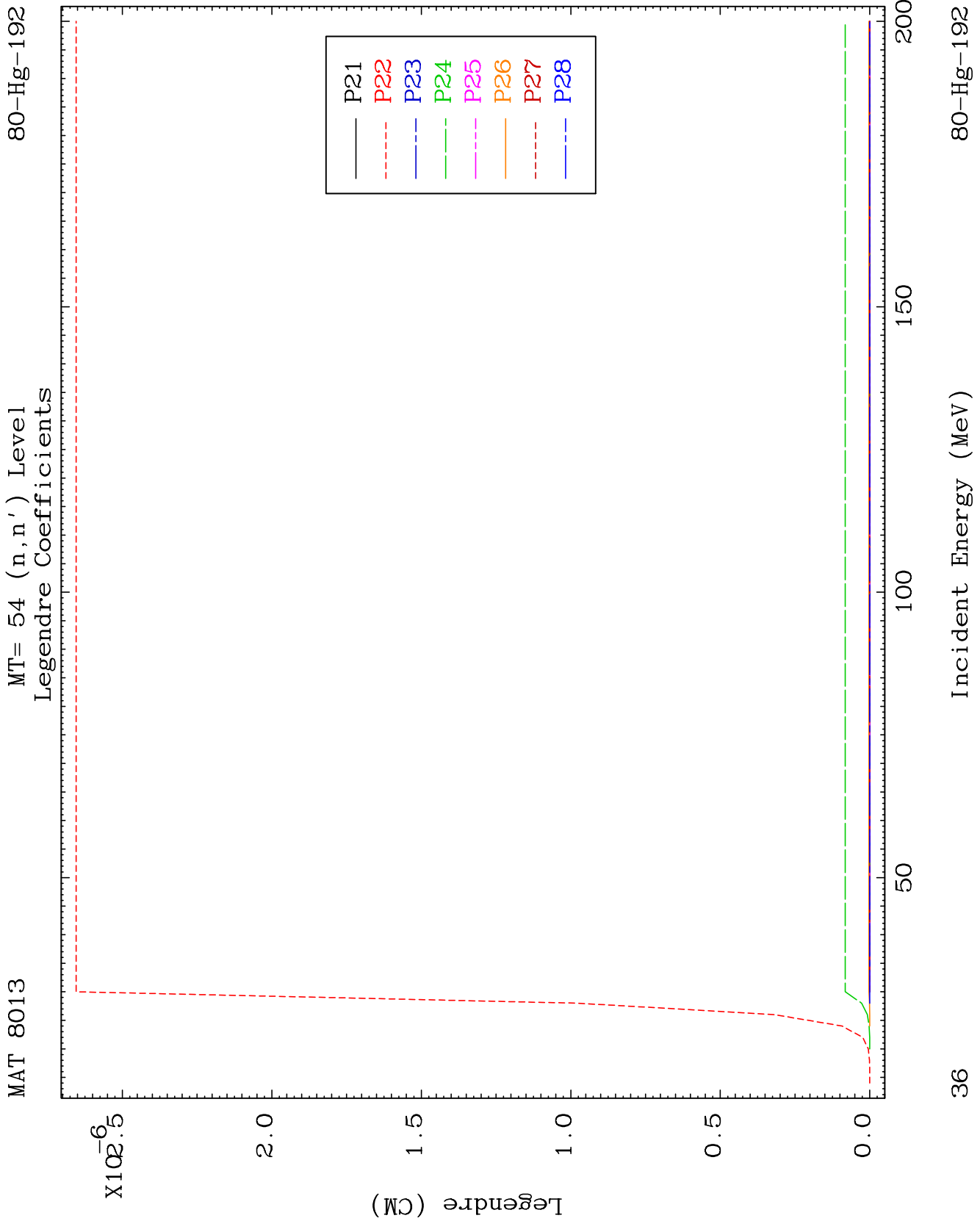
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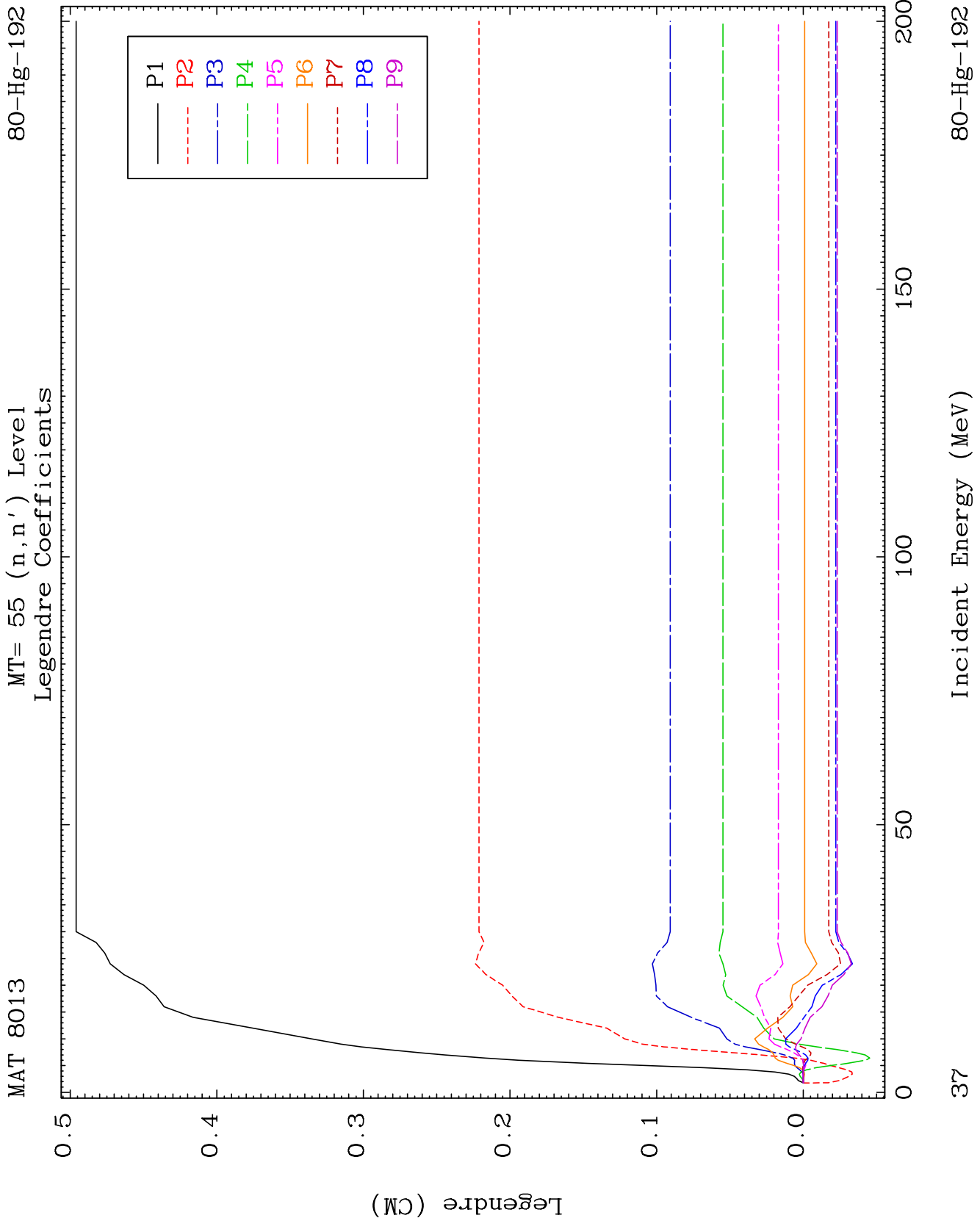


35

Incident Energy (MeV)

80-Hg-192

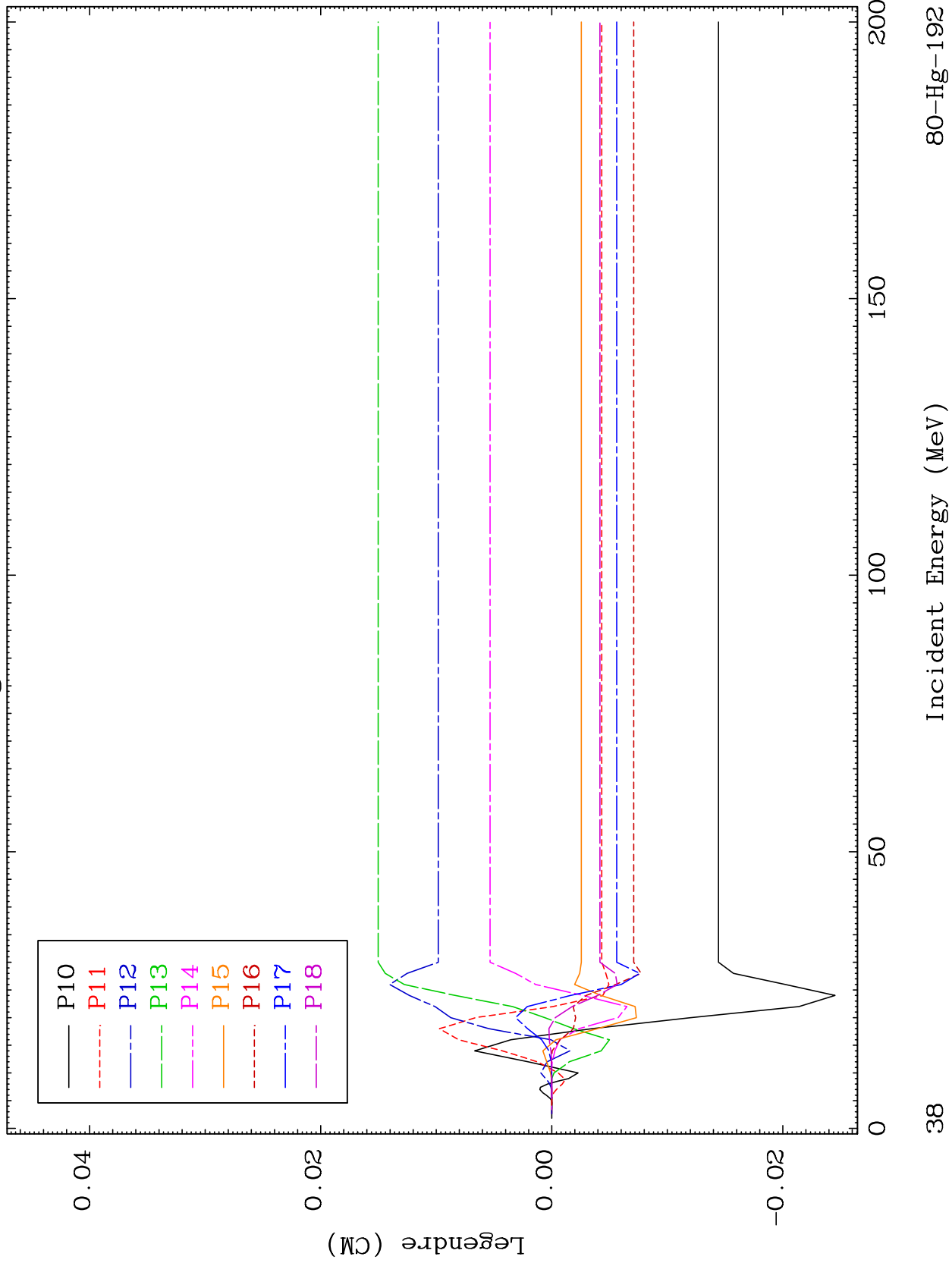




MAT 8013

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

80-Hg-192



80-Hg-192

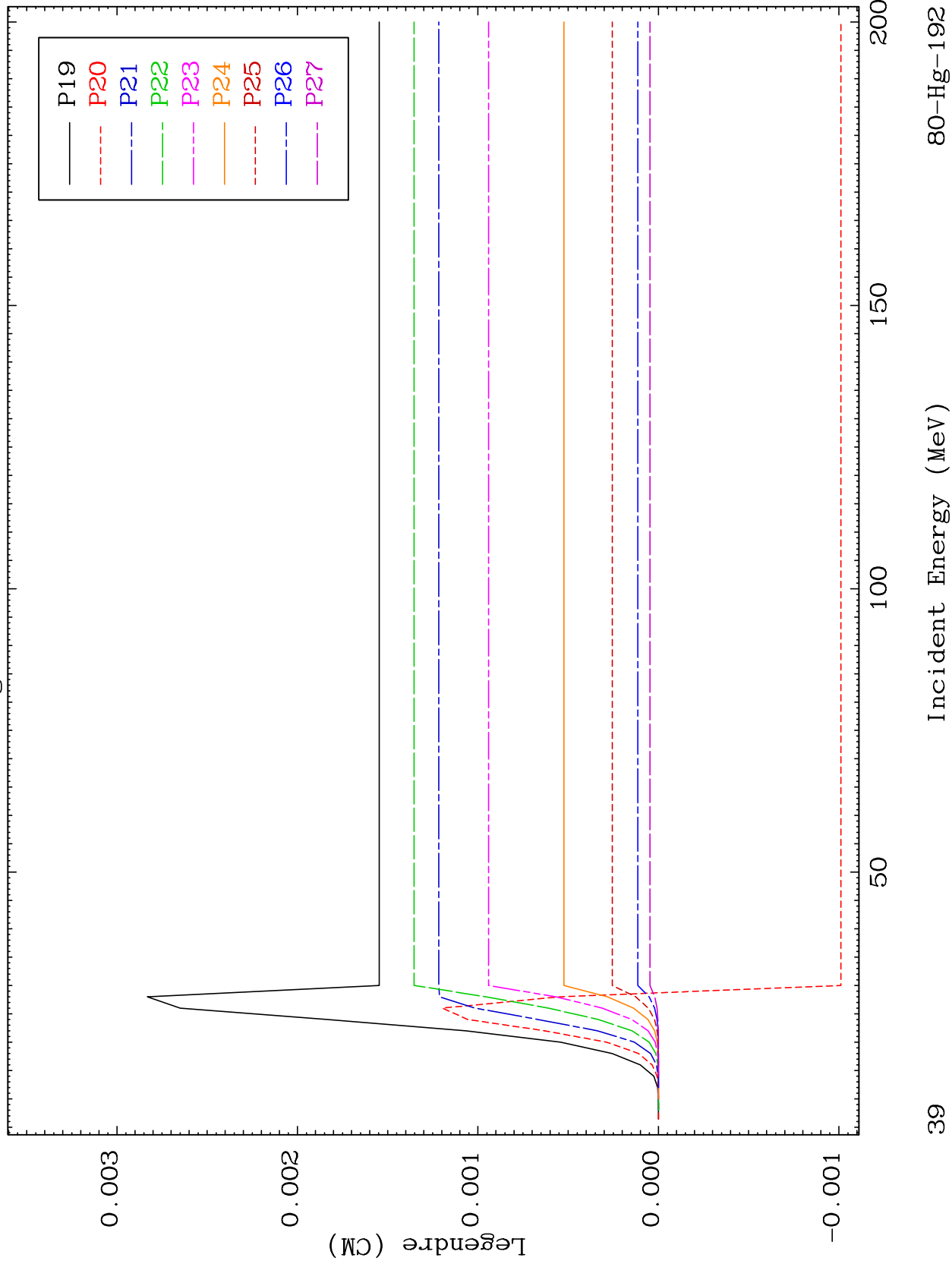
Incident Energy (MeV)

38

MAT 8013

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

80-Hg-192



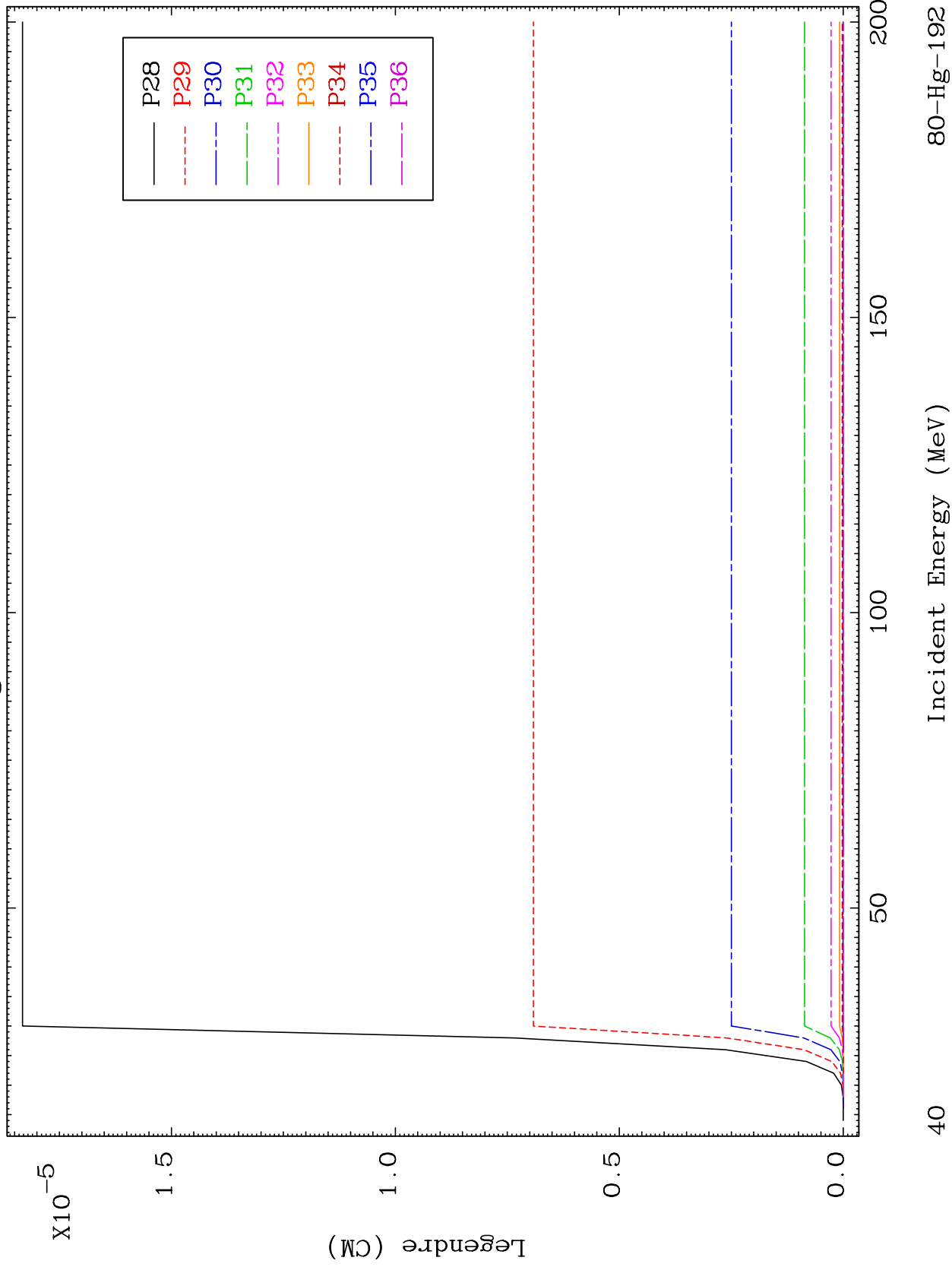
39

80-Hg-192

MAT 8013

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

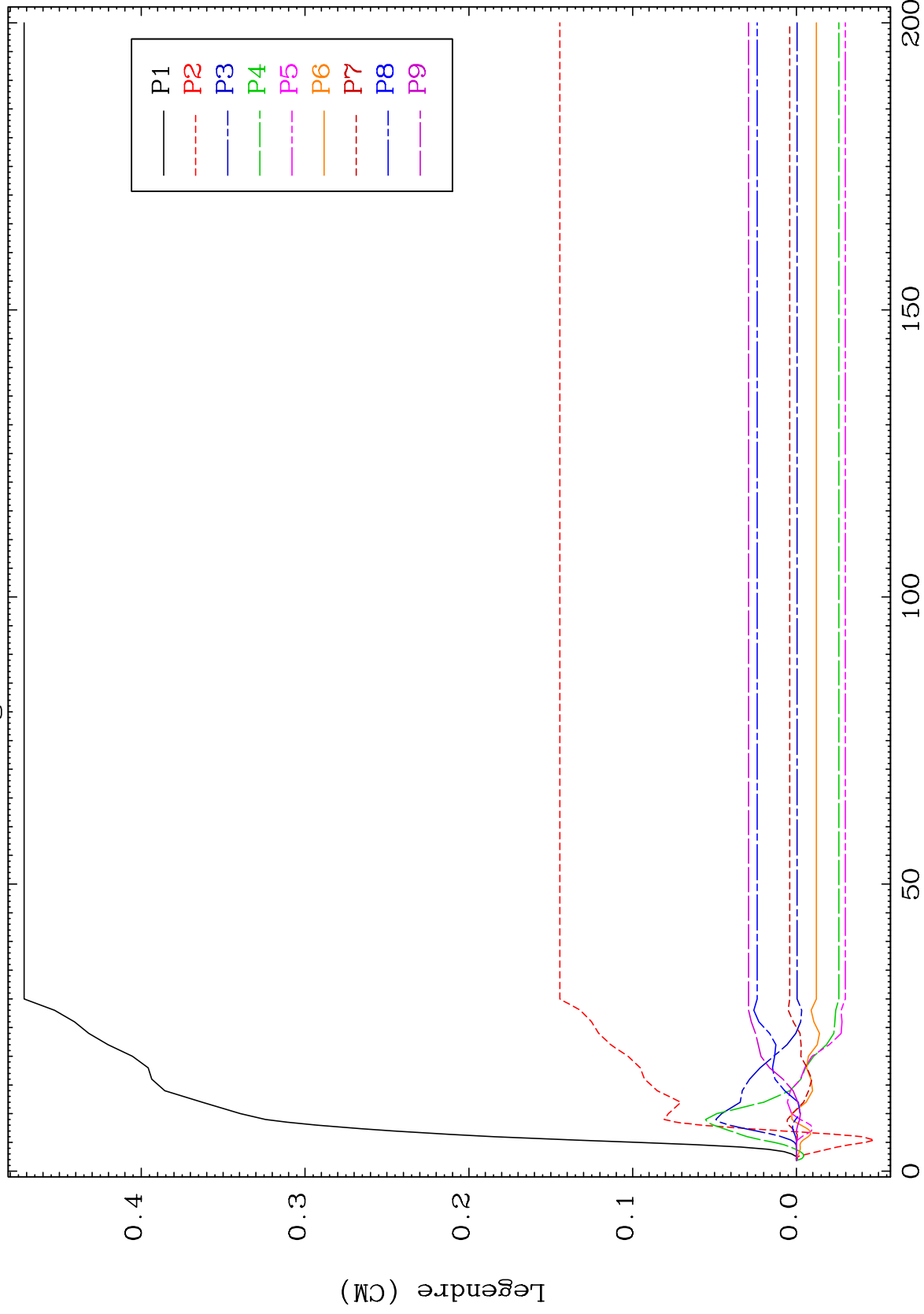
80-Hg-192



MAT 8013

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

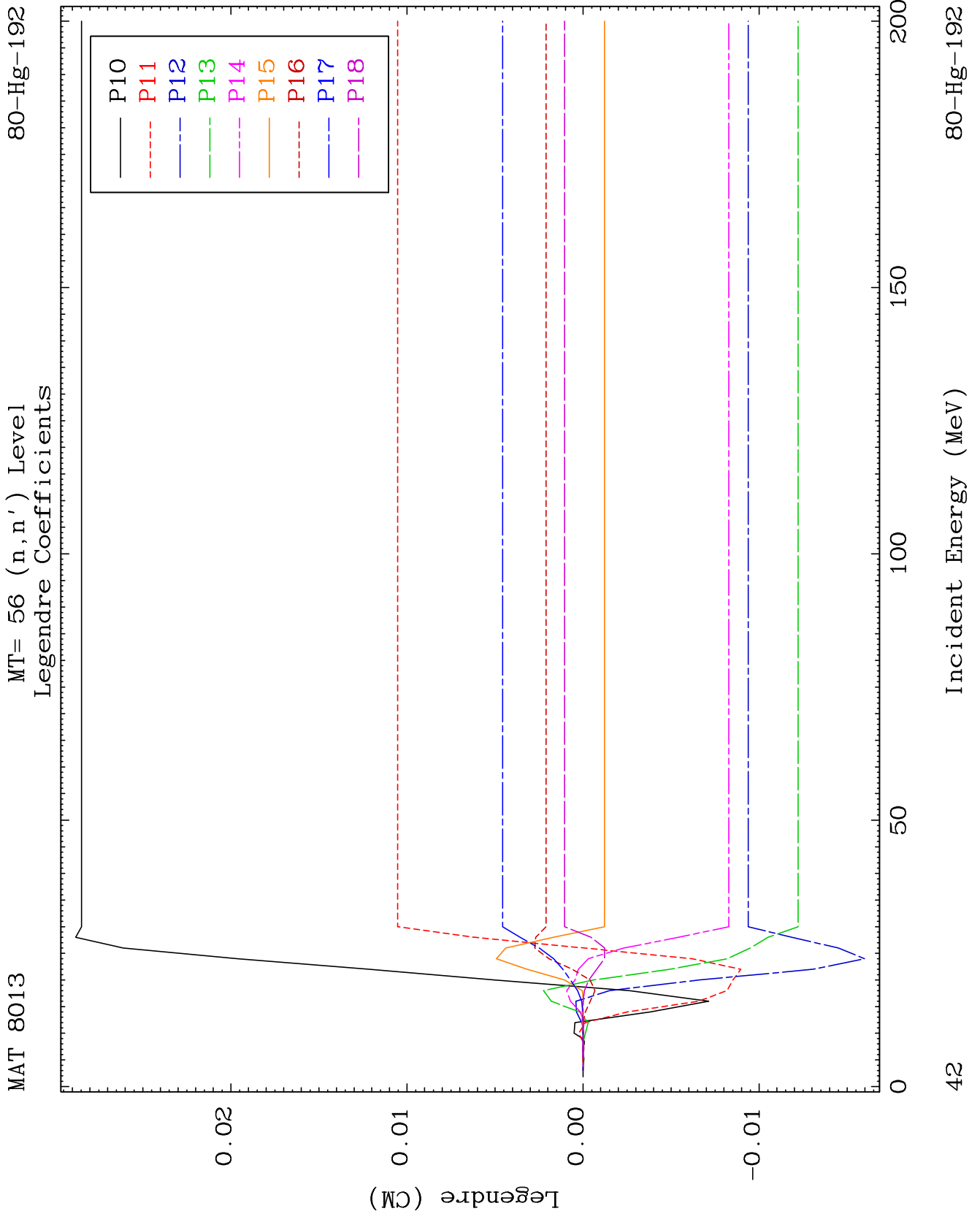
80-Hg-192



41

Incident Energy (MeV)

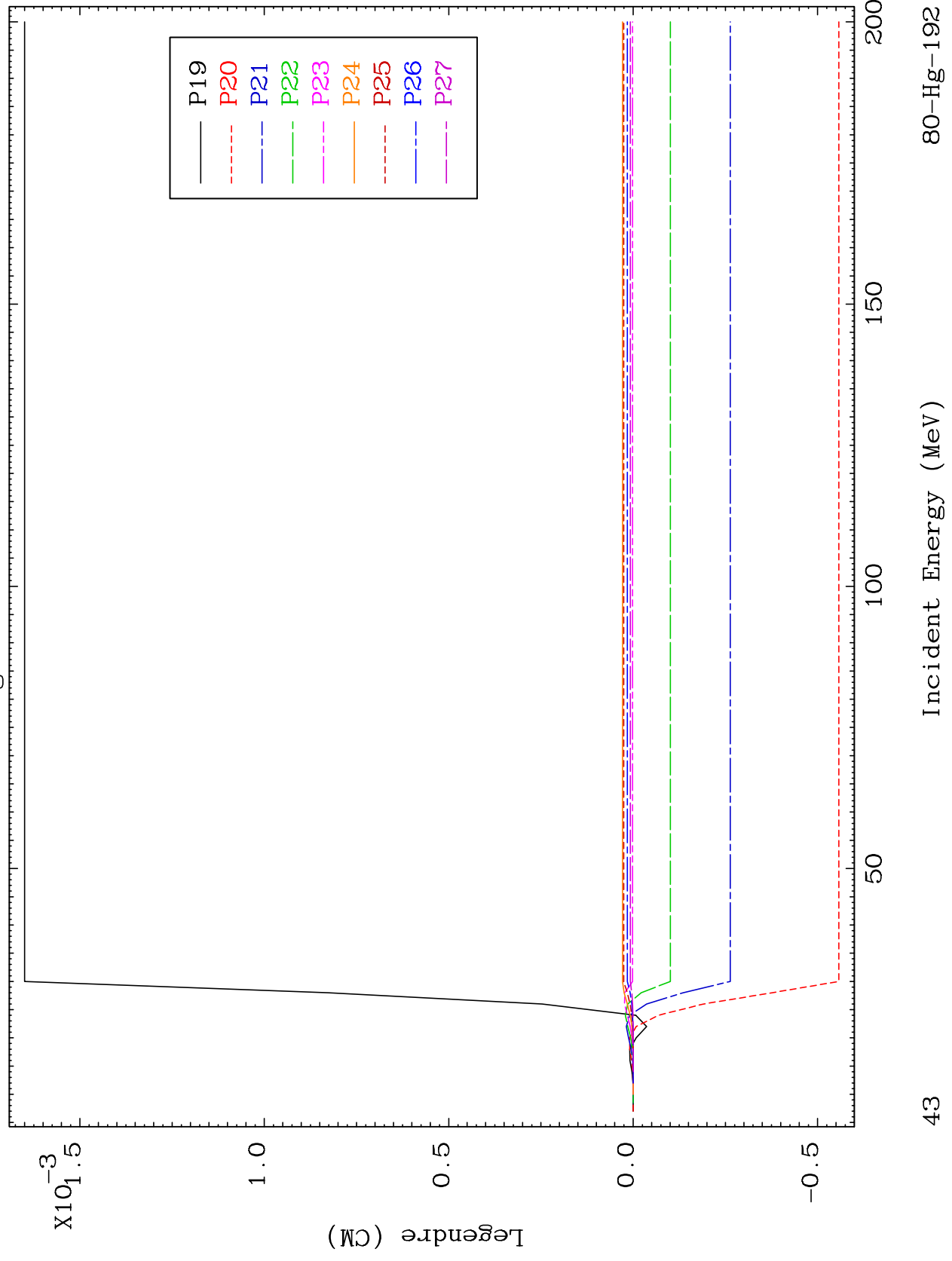
80-Hg-192



MAT 8013

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

80-Hg-192



43

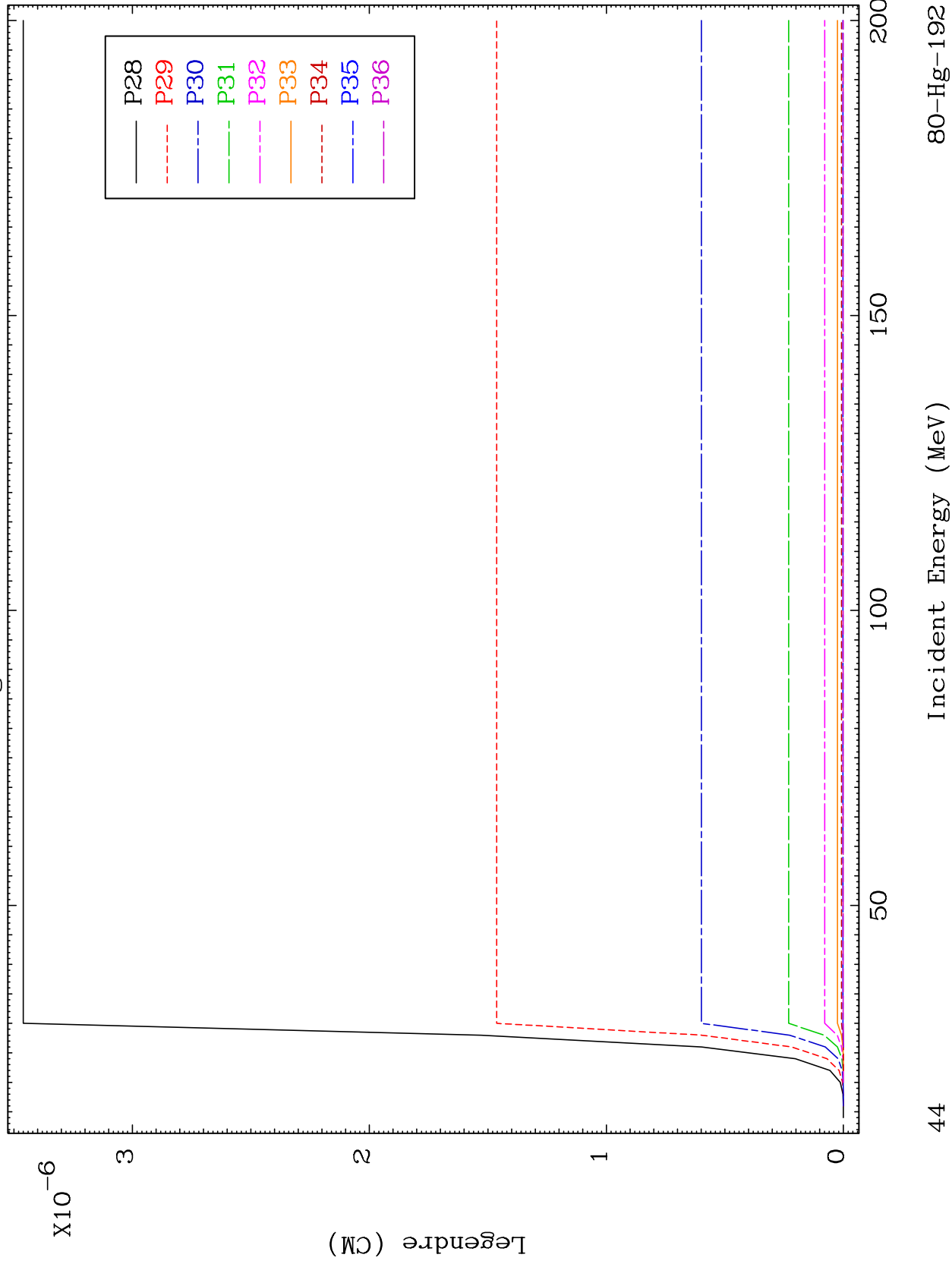
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



44

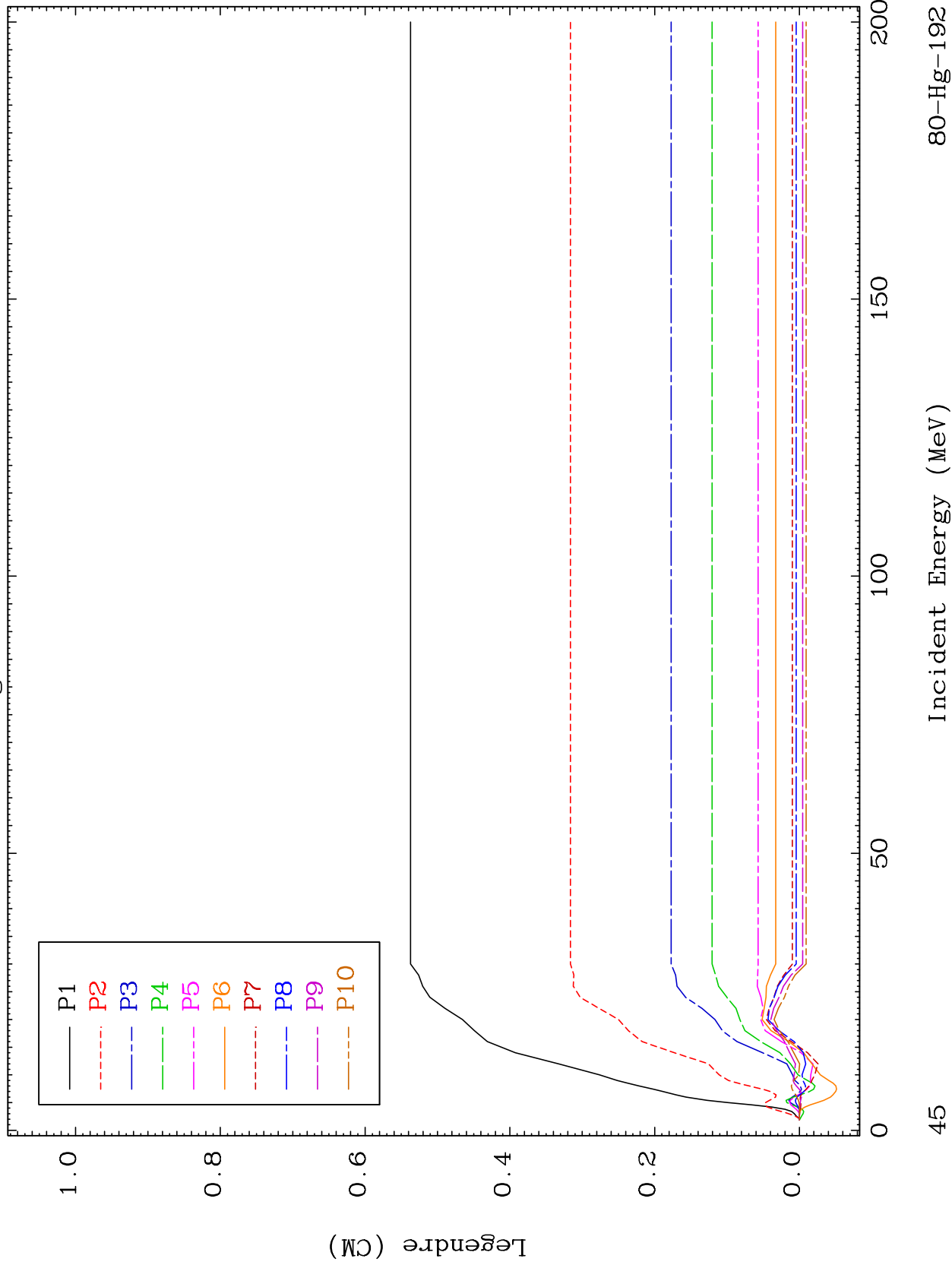
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

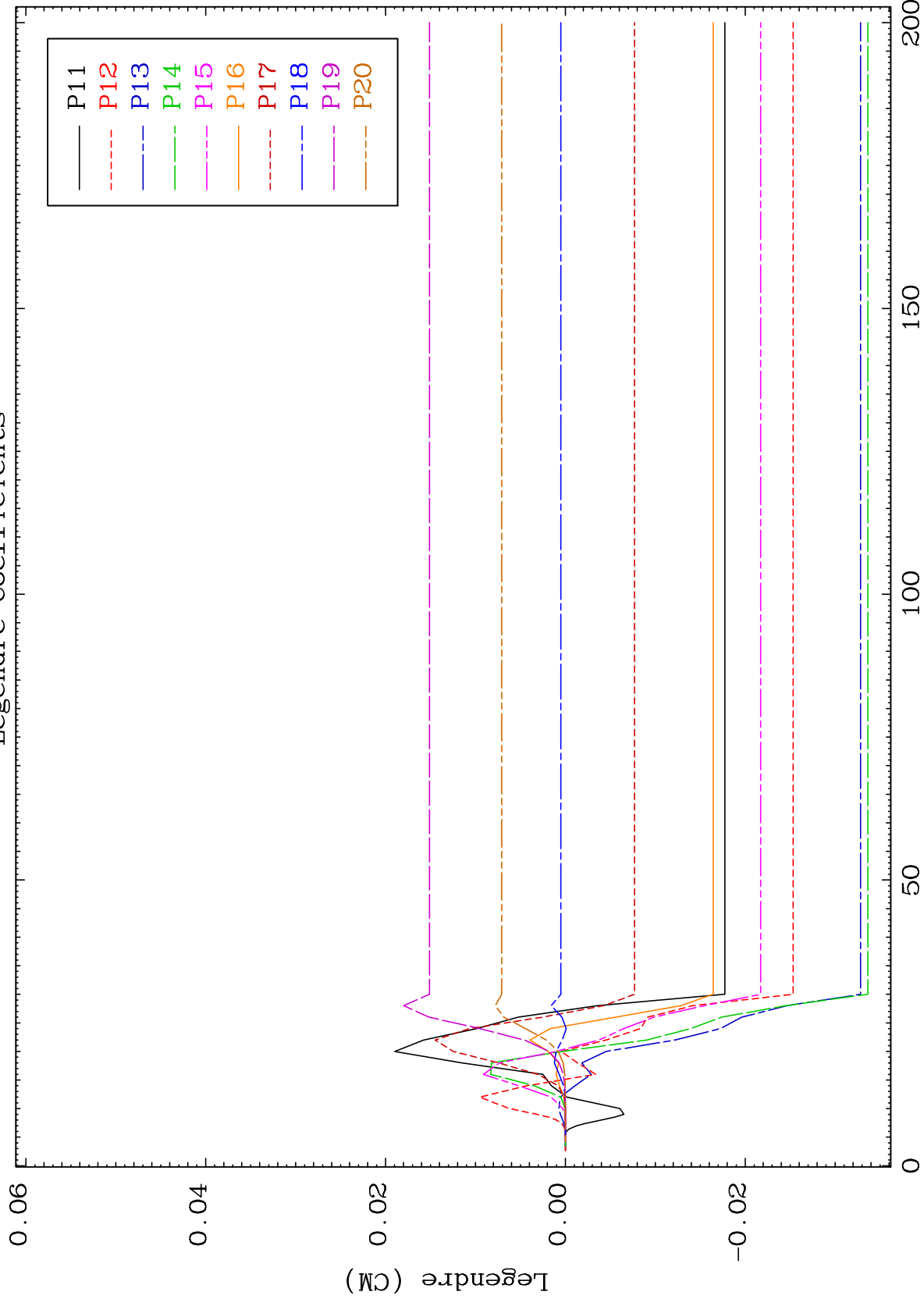
80-Hg-192



MAT 8013

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

80-Hg-192



46

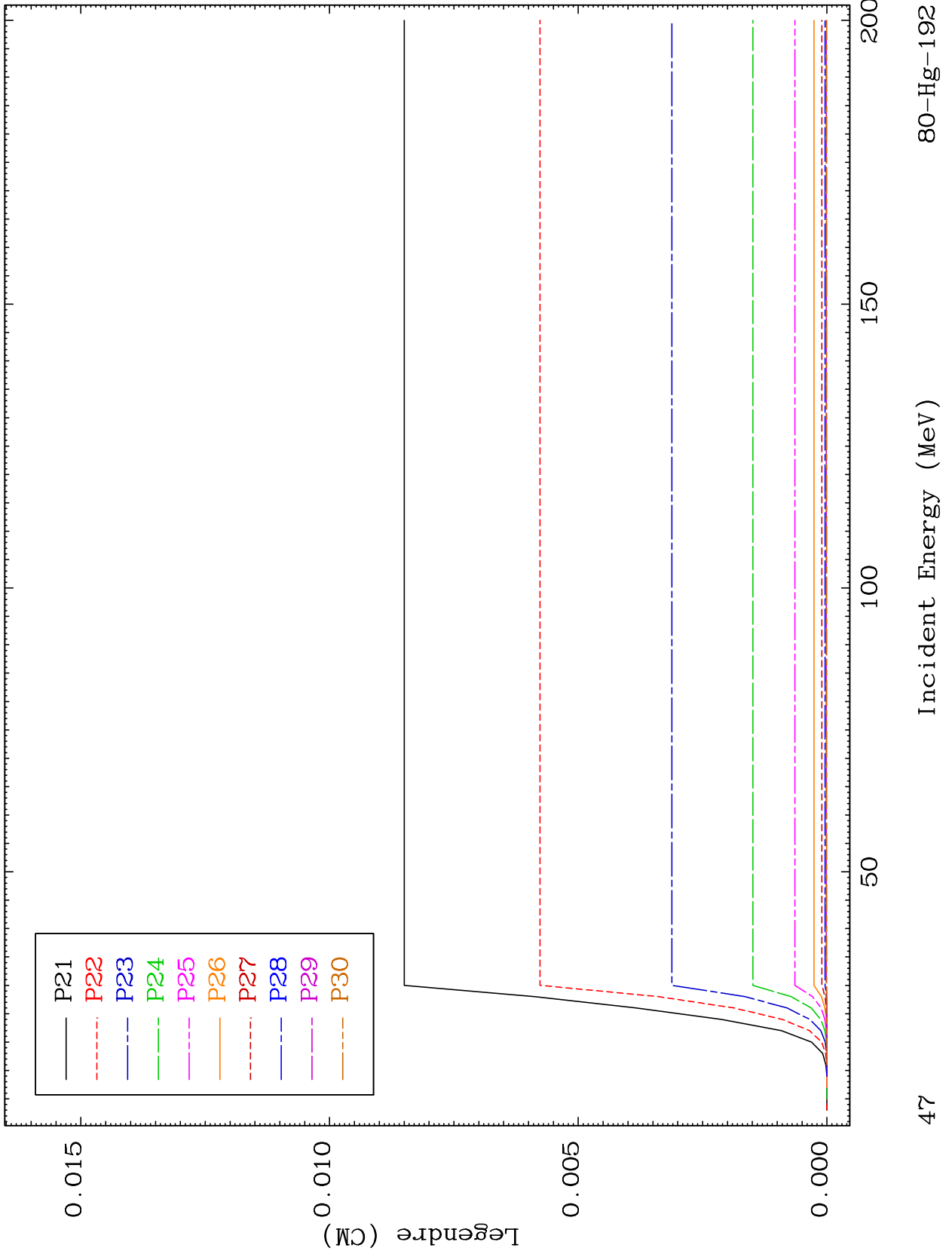
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



47

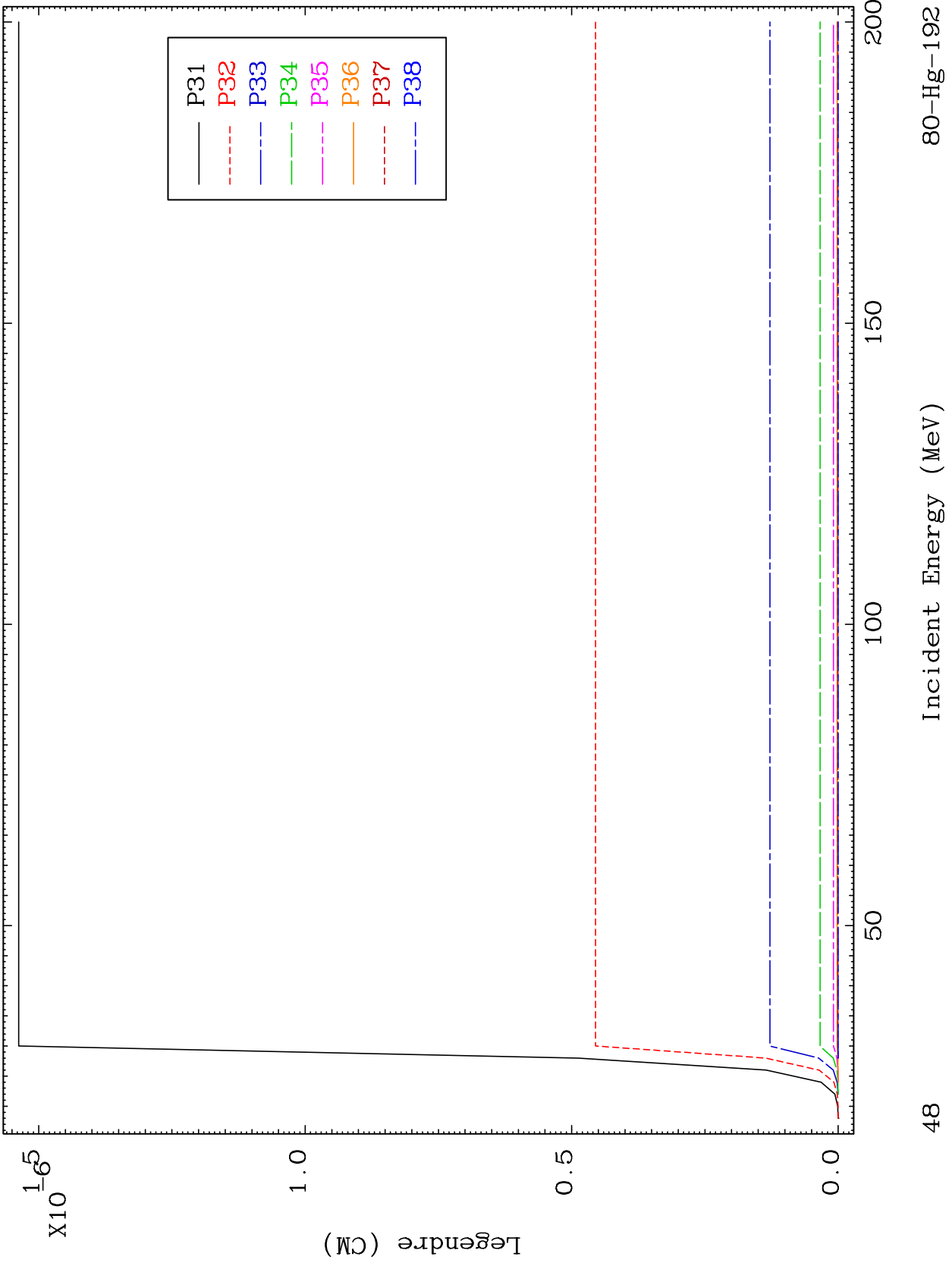
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



48

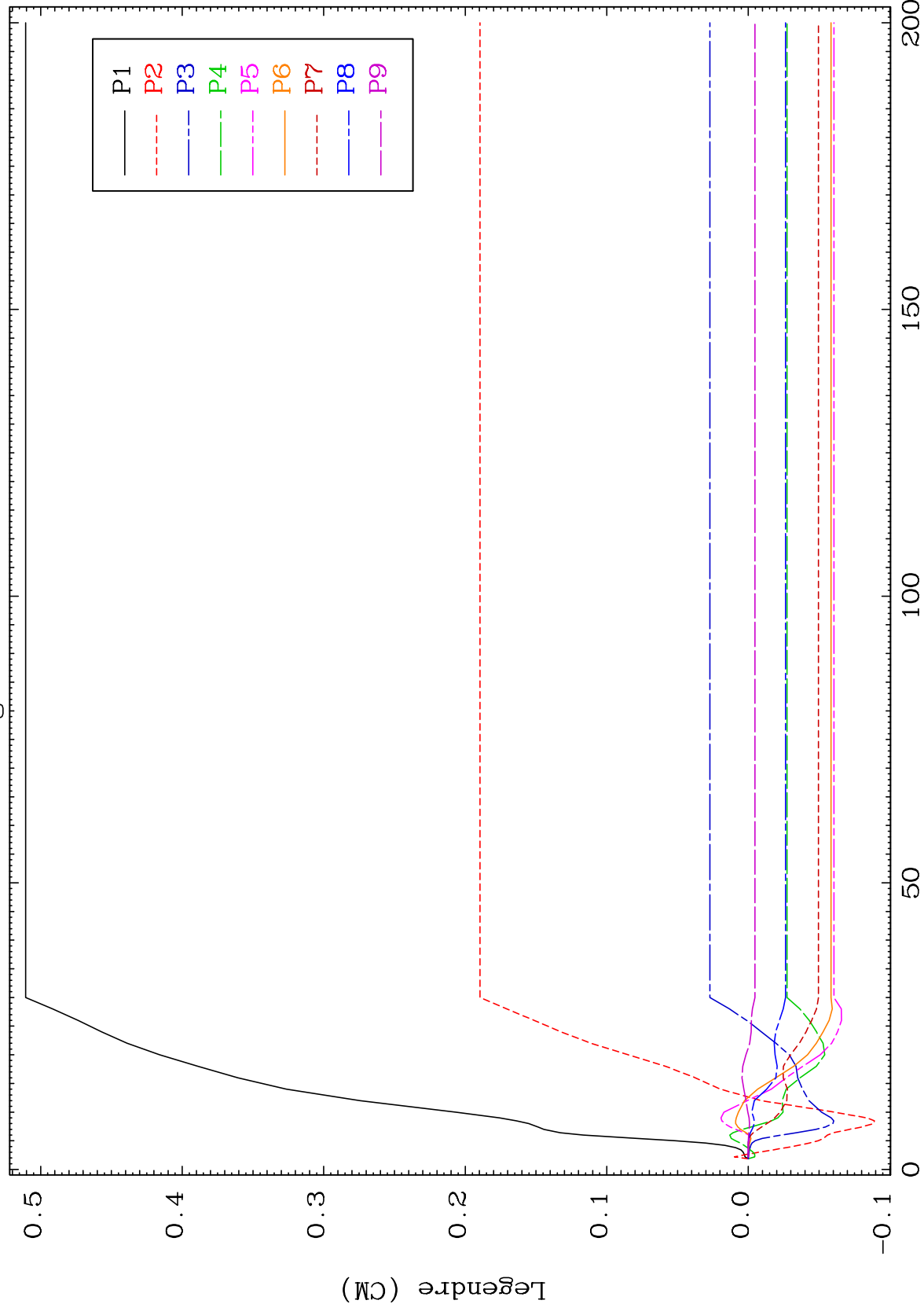
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

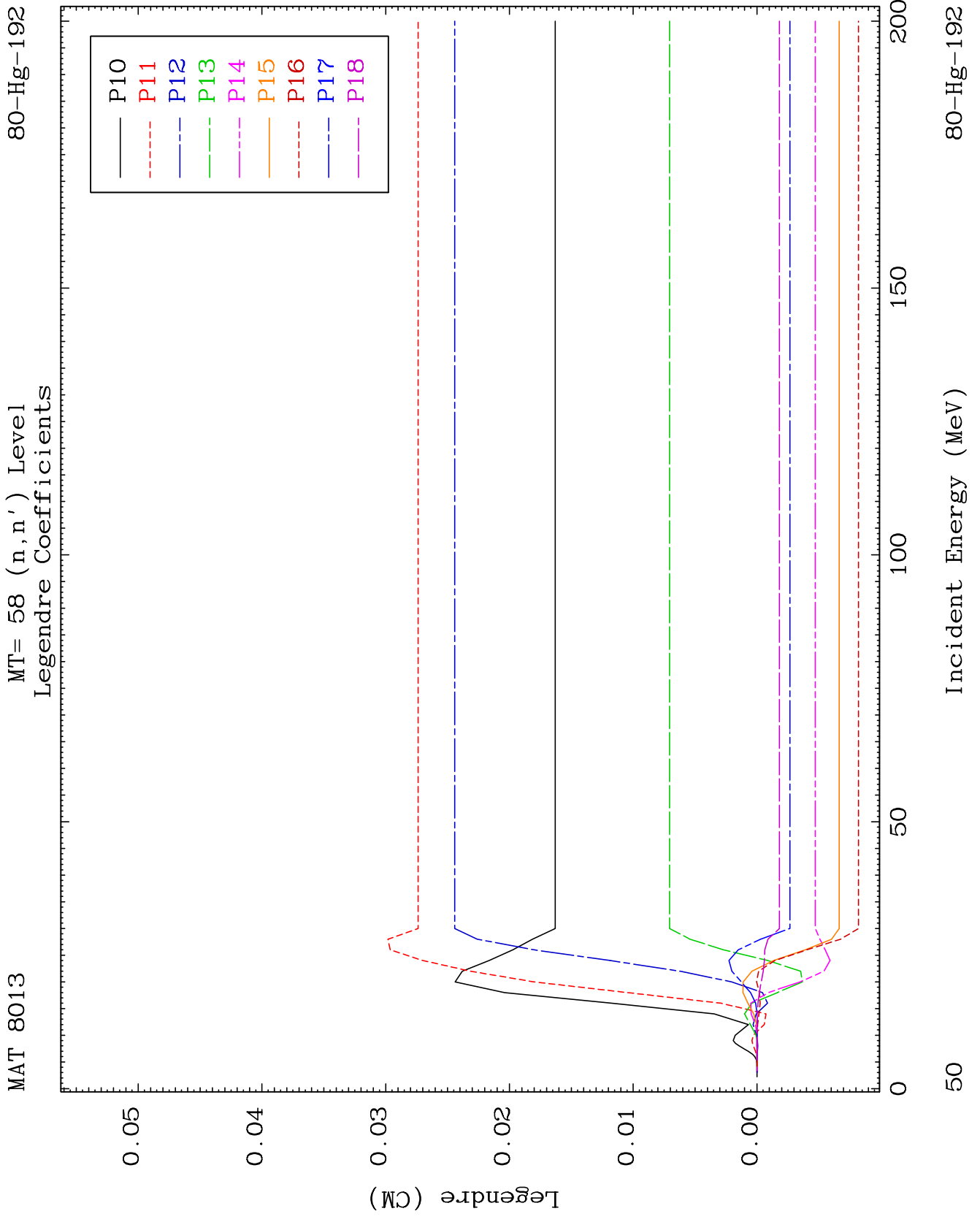
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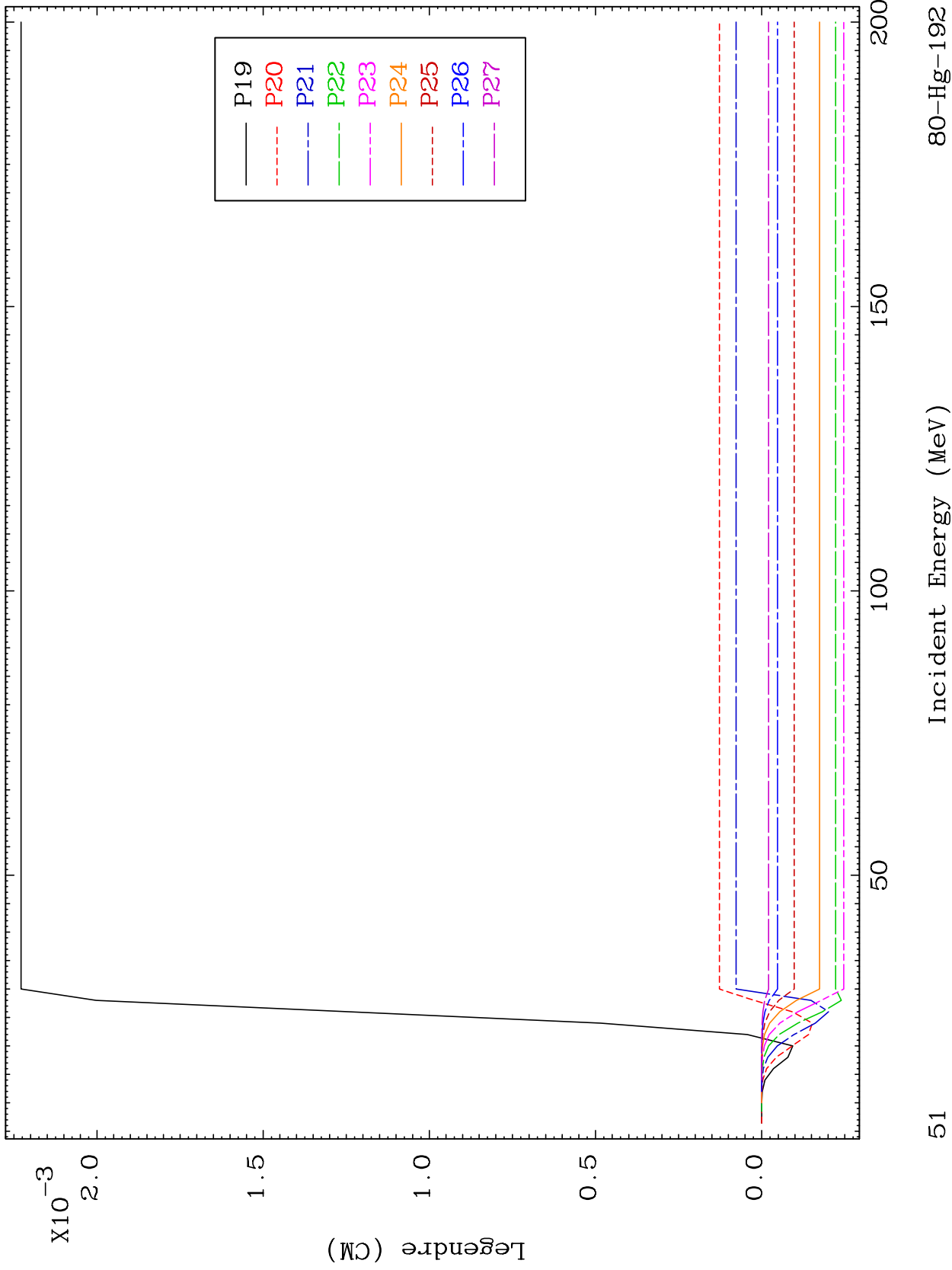


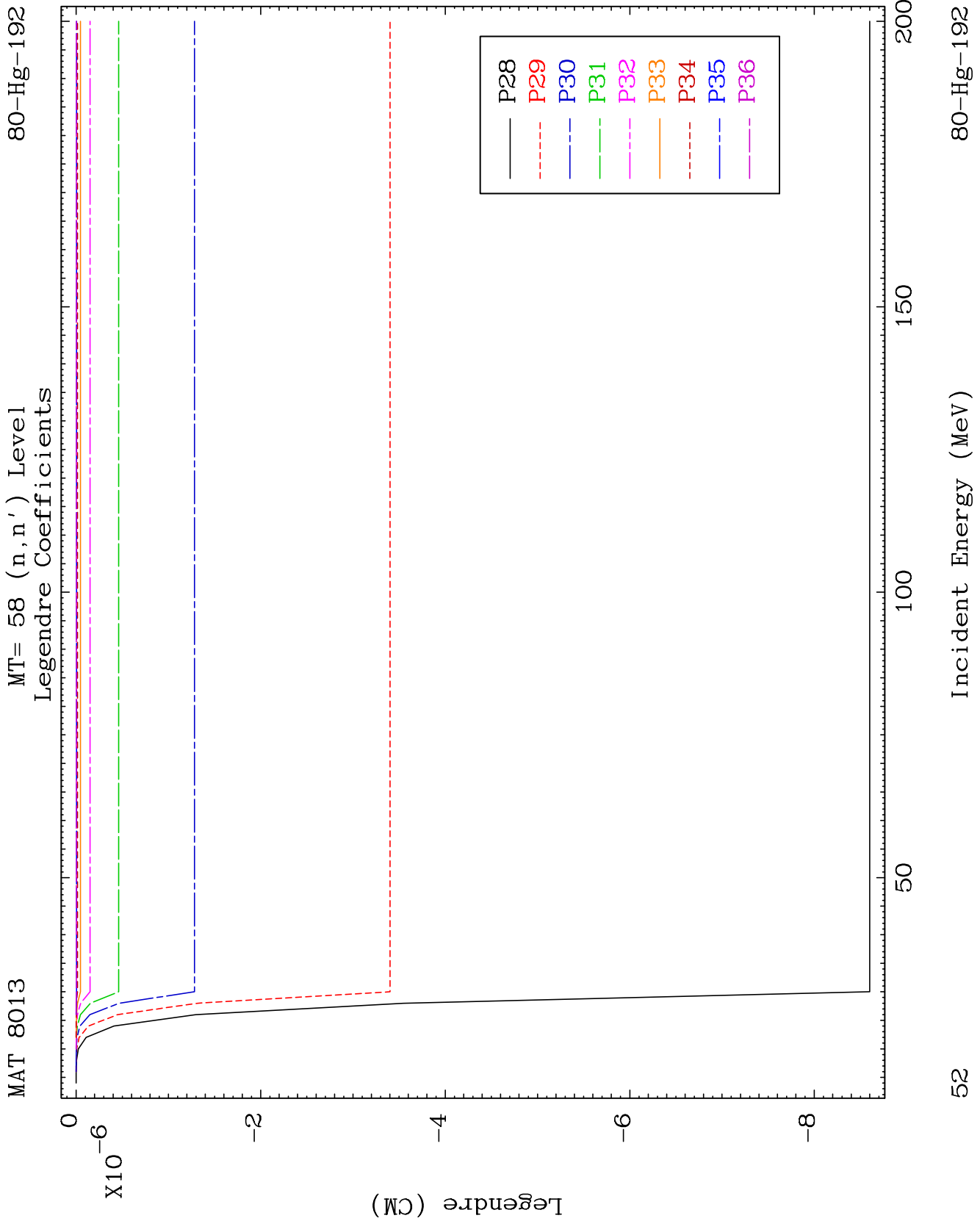
80-Hg-192

Incident Energy (MeV)

49



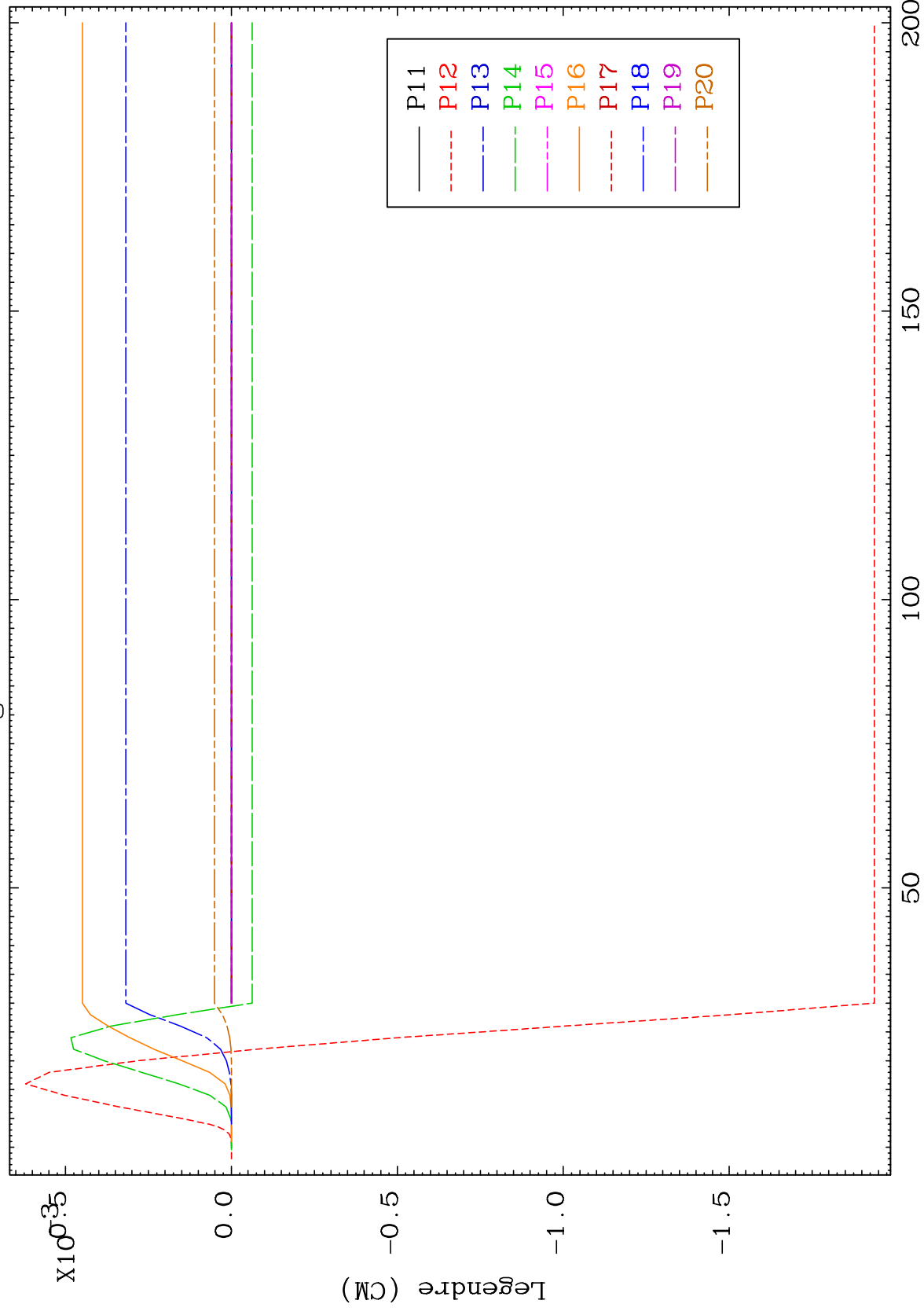




MAT 8013

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

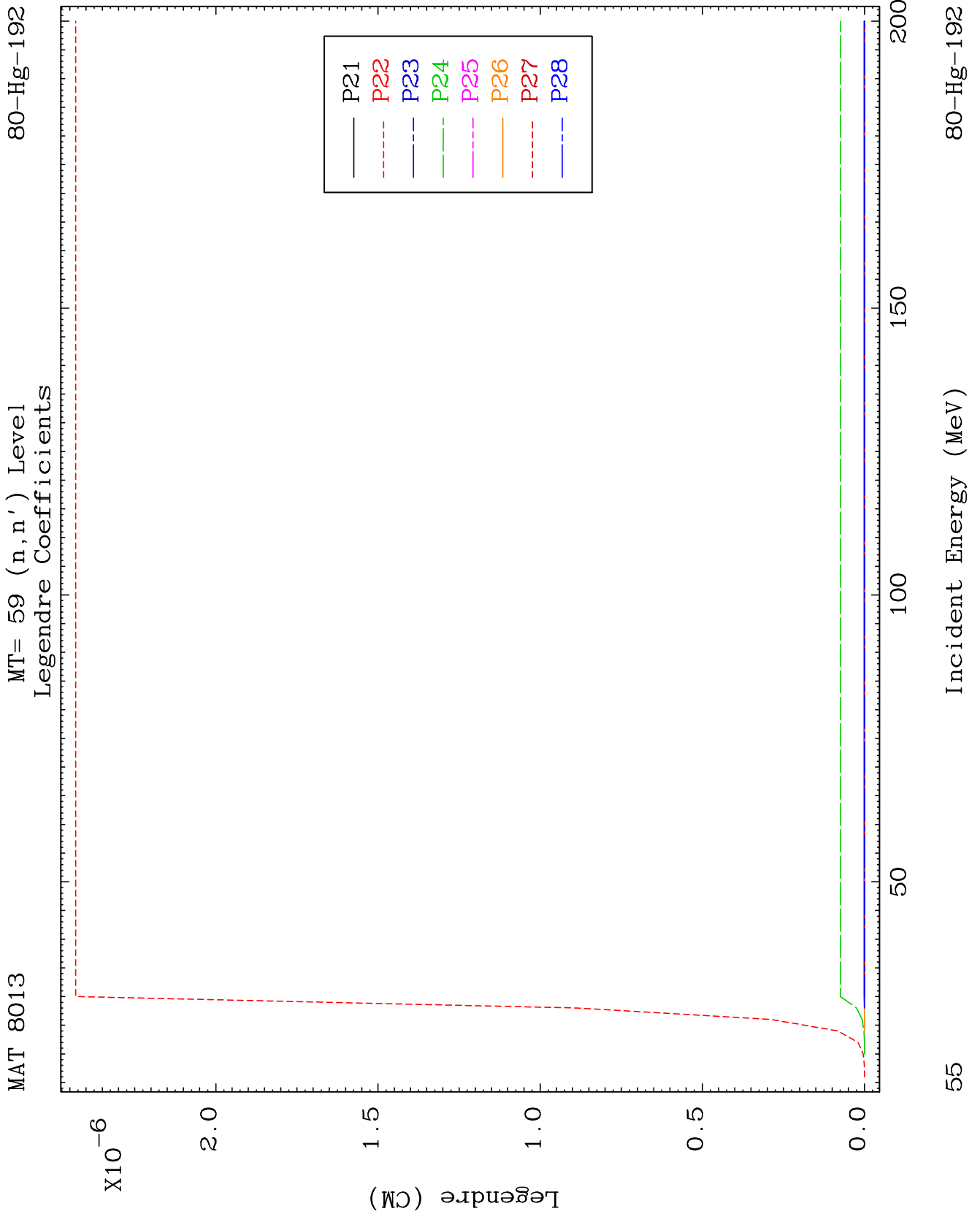
80-Hg-192

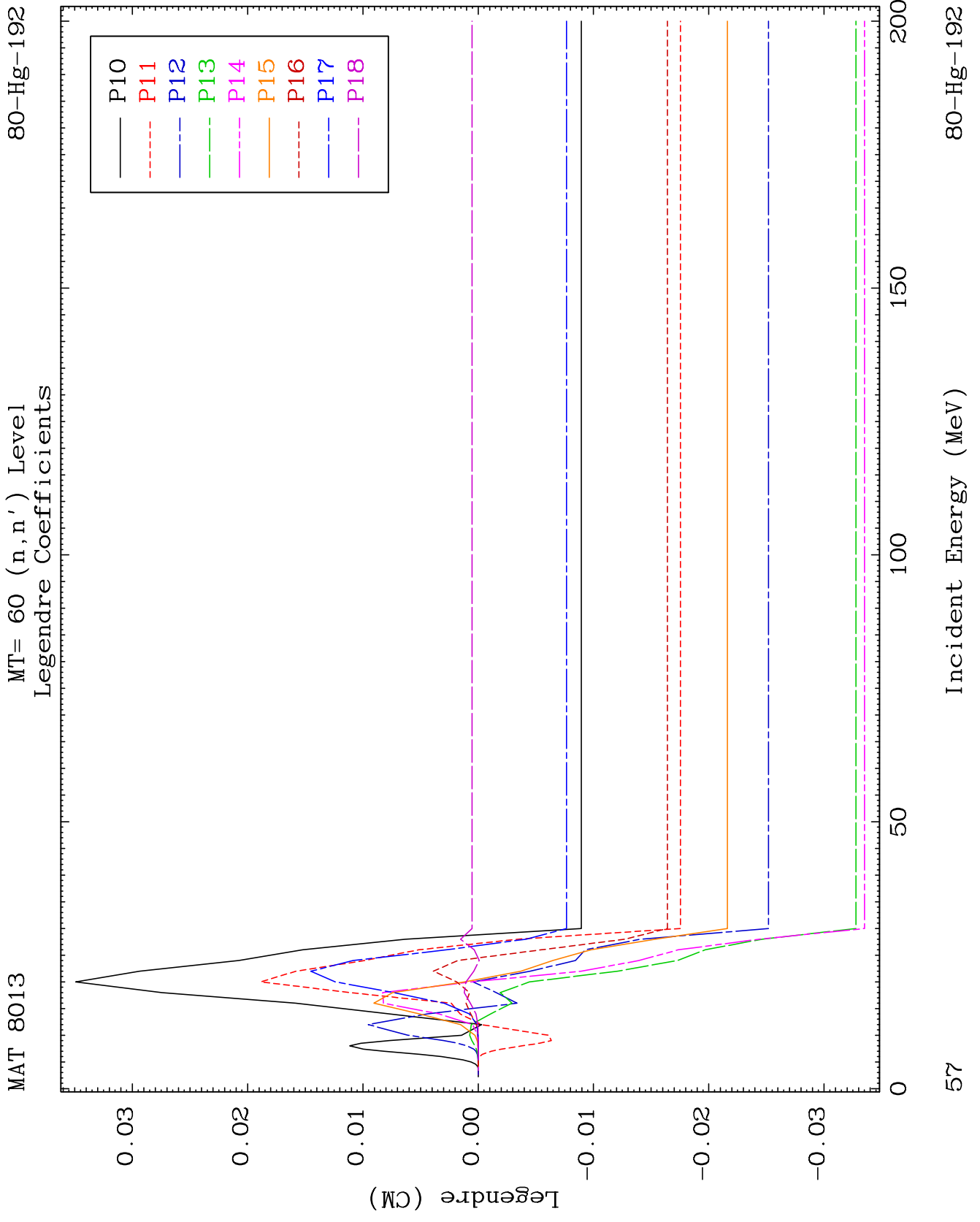


54

Incident Energy (MeV)

80-Hg-192

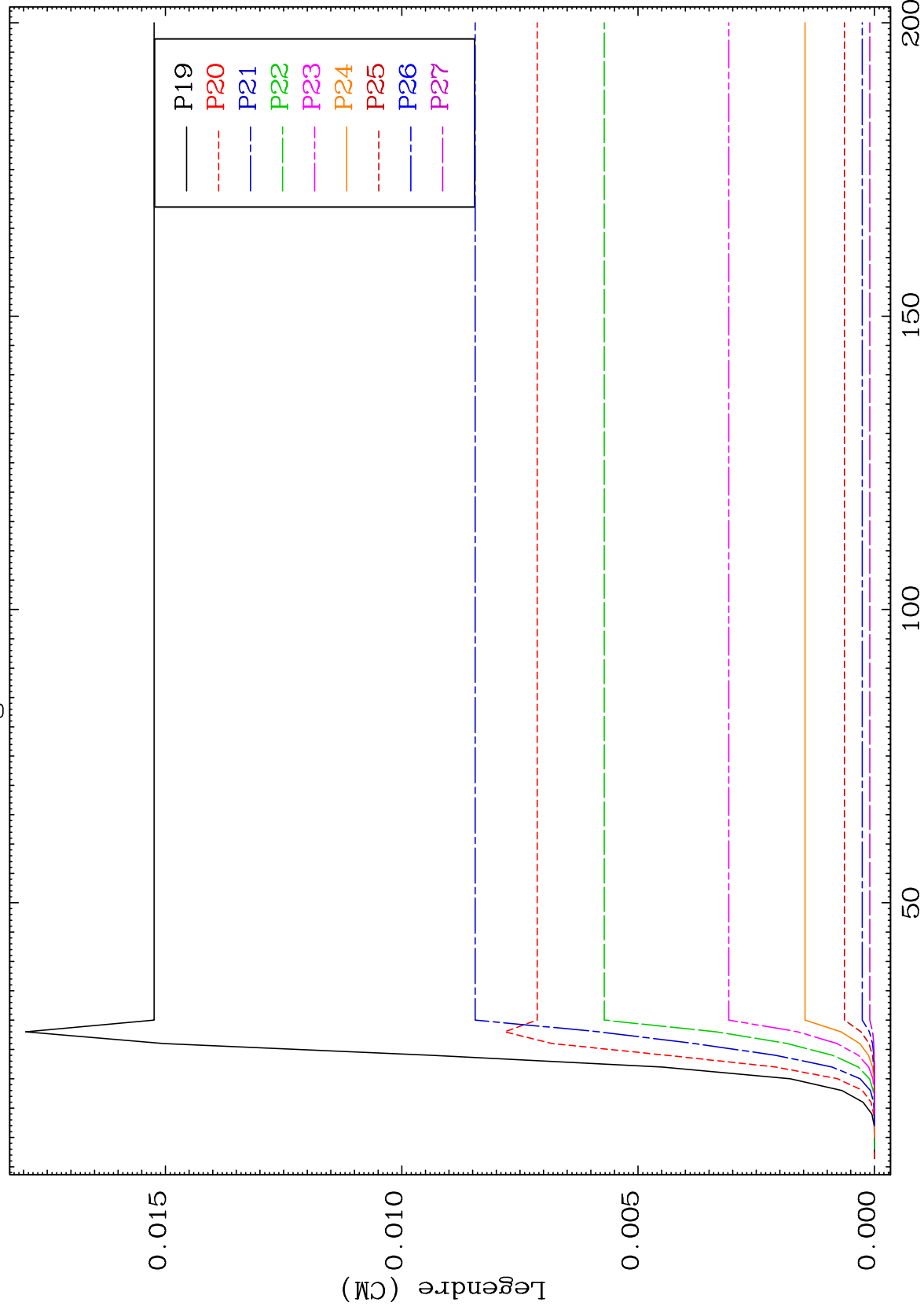




MAT 8013

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

80-Hg-192



58

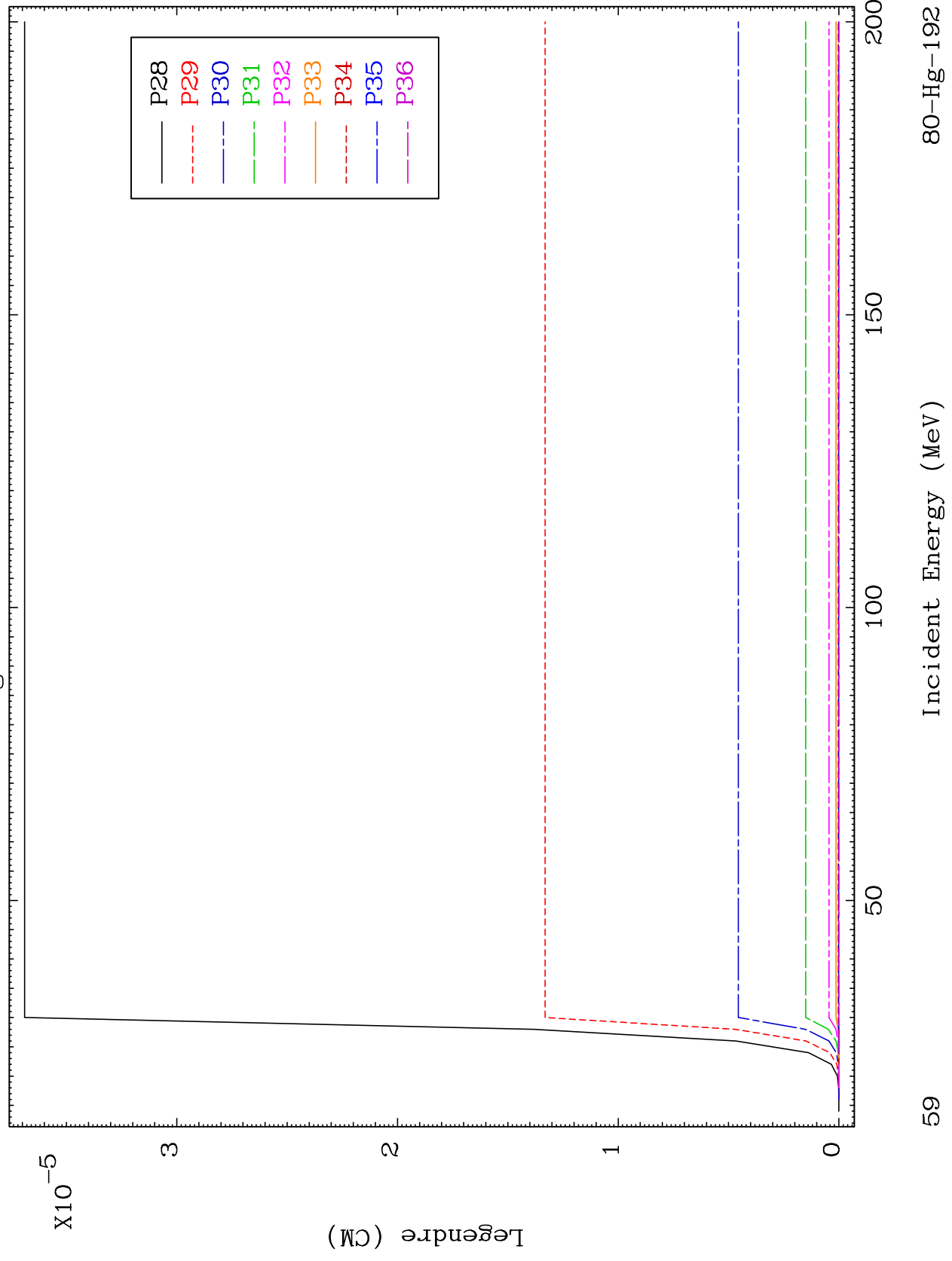
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



59

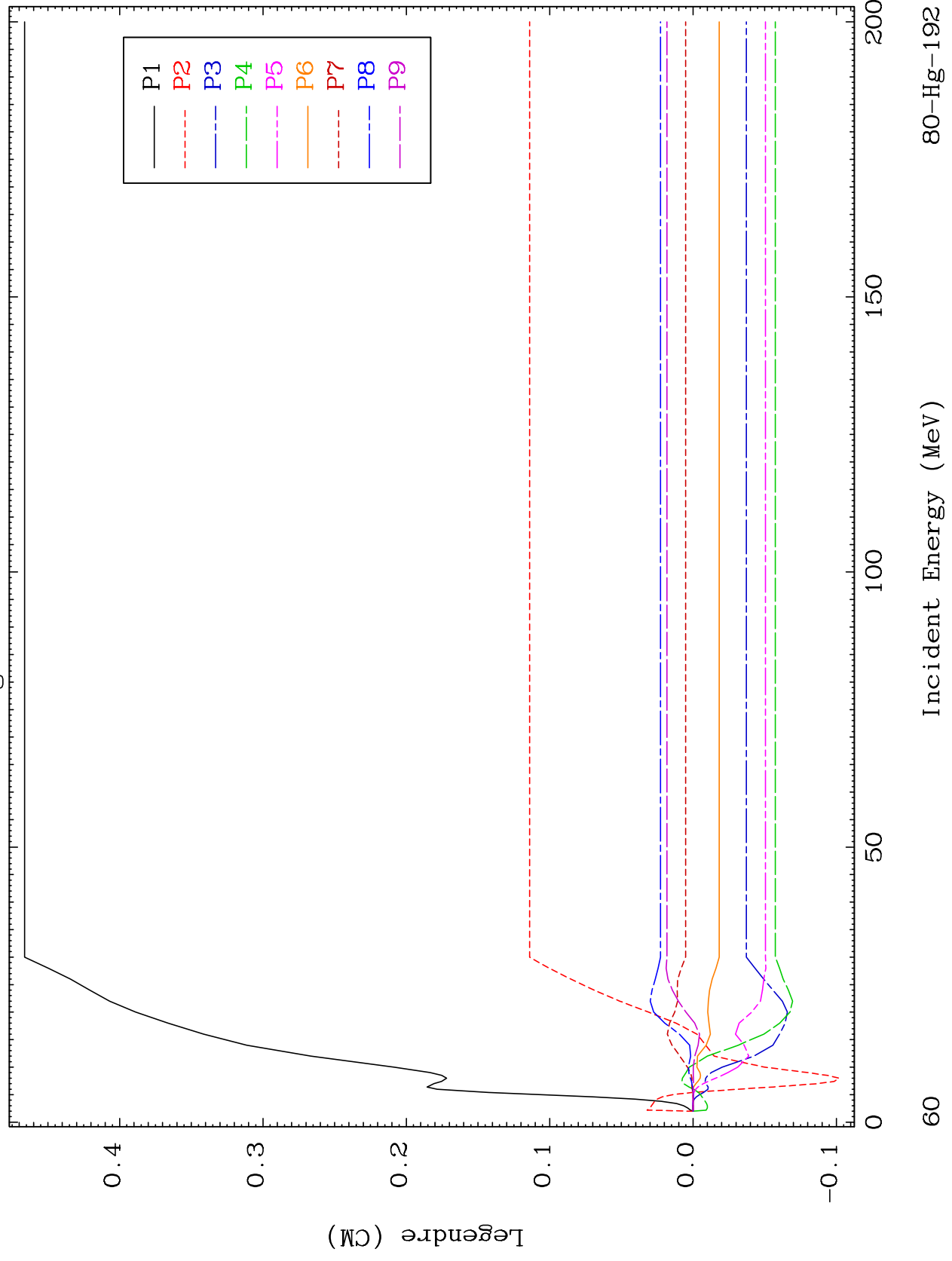
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



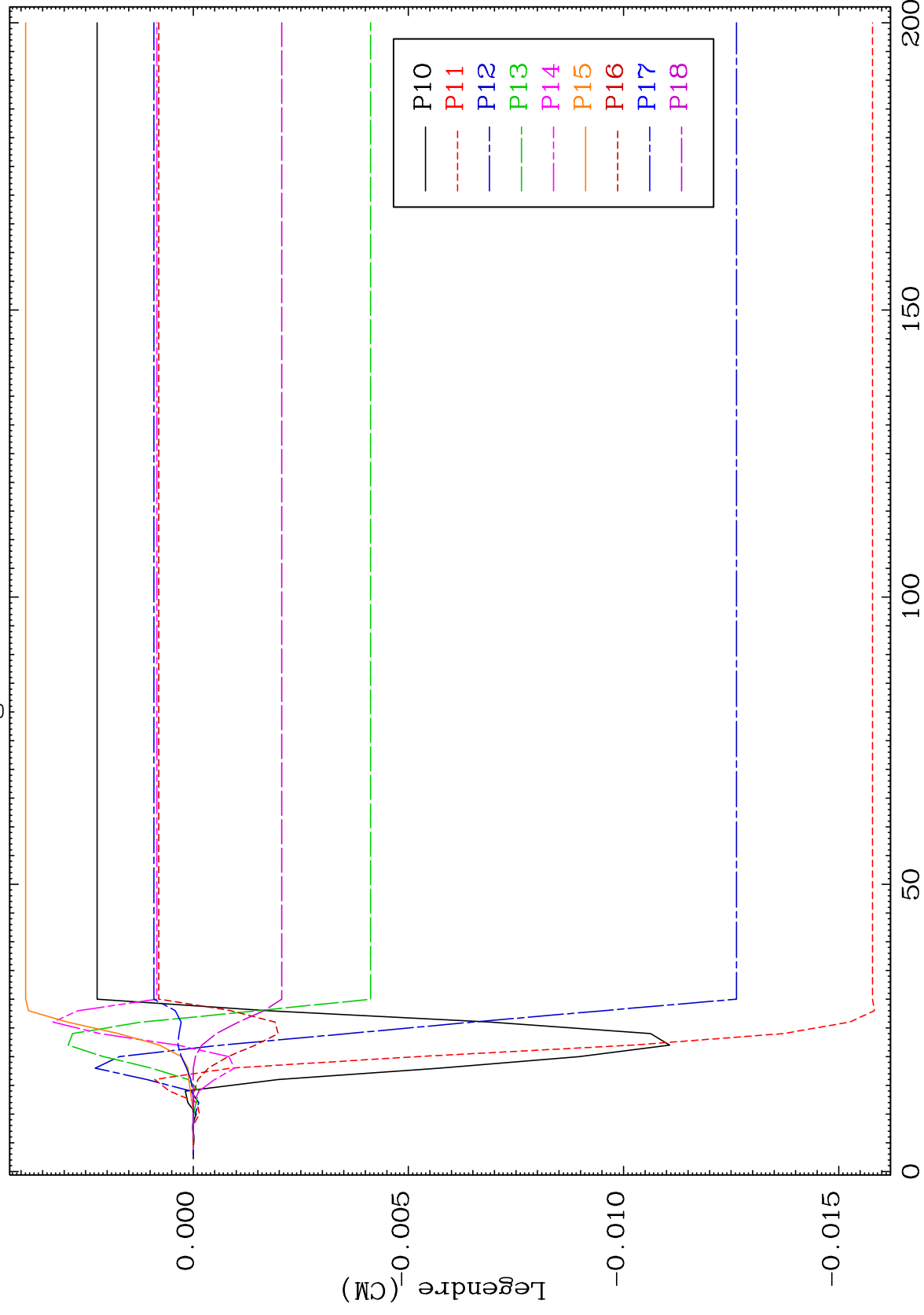
80-Hg-192

Incident Energy (MeV)

MAT 8013

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

80-Hg-192



61

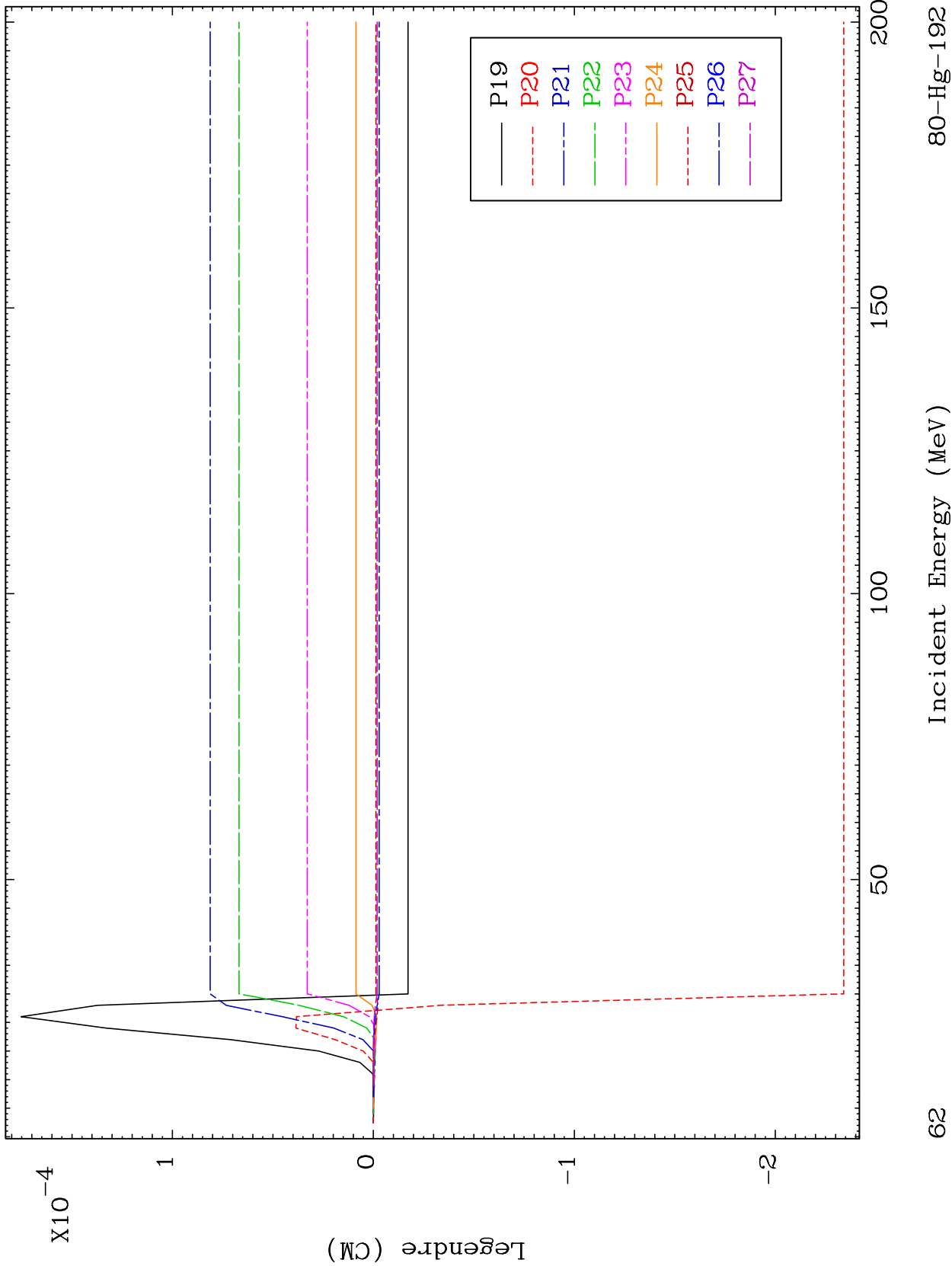
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

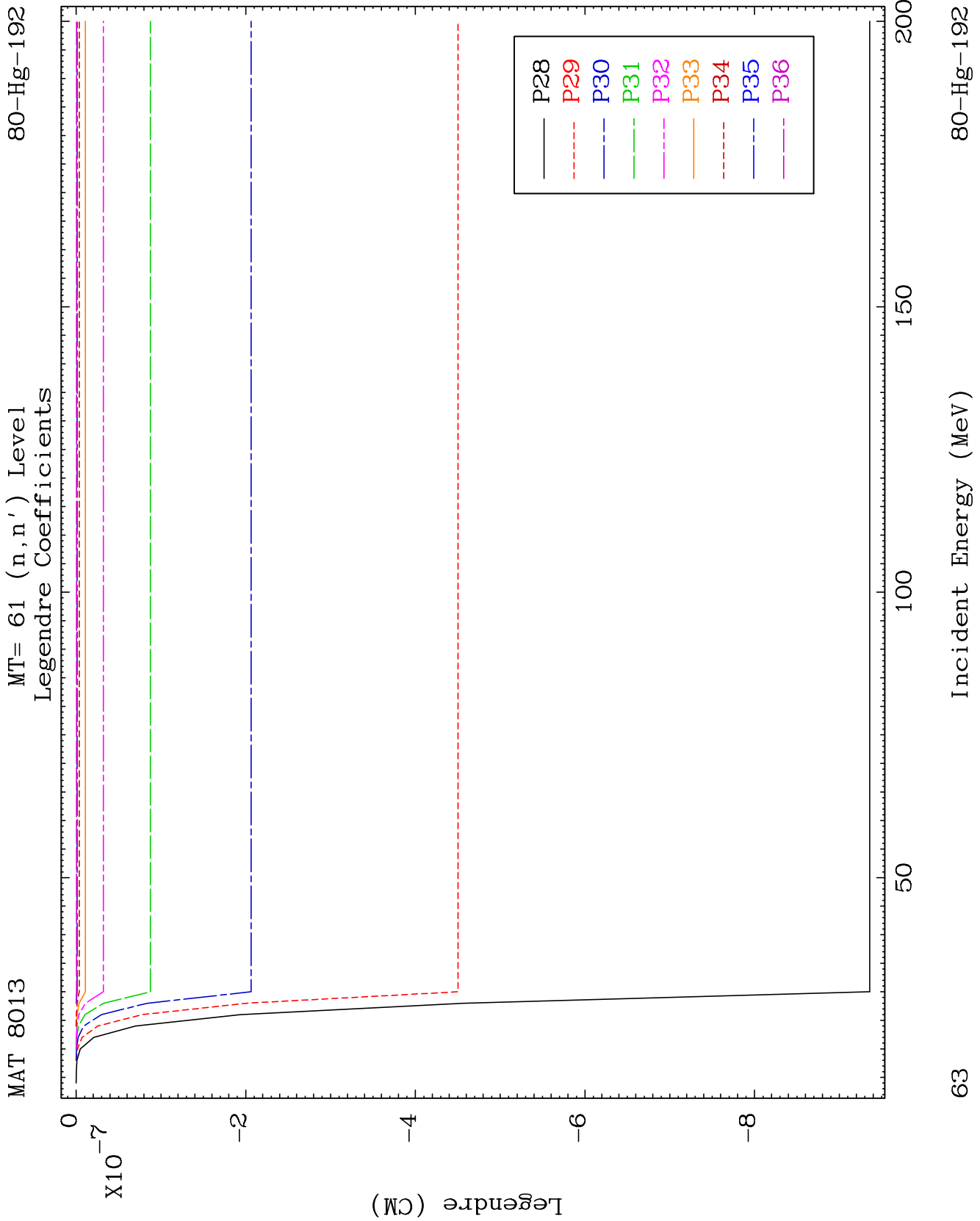
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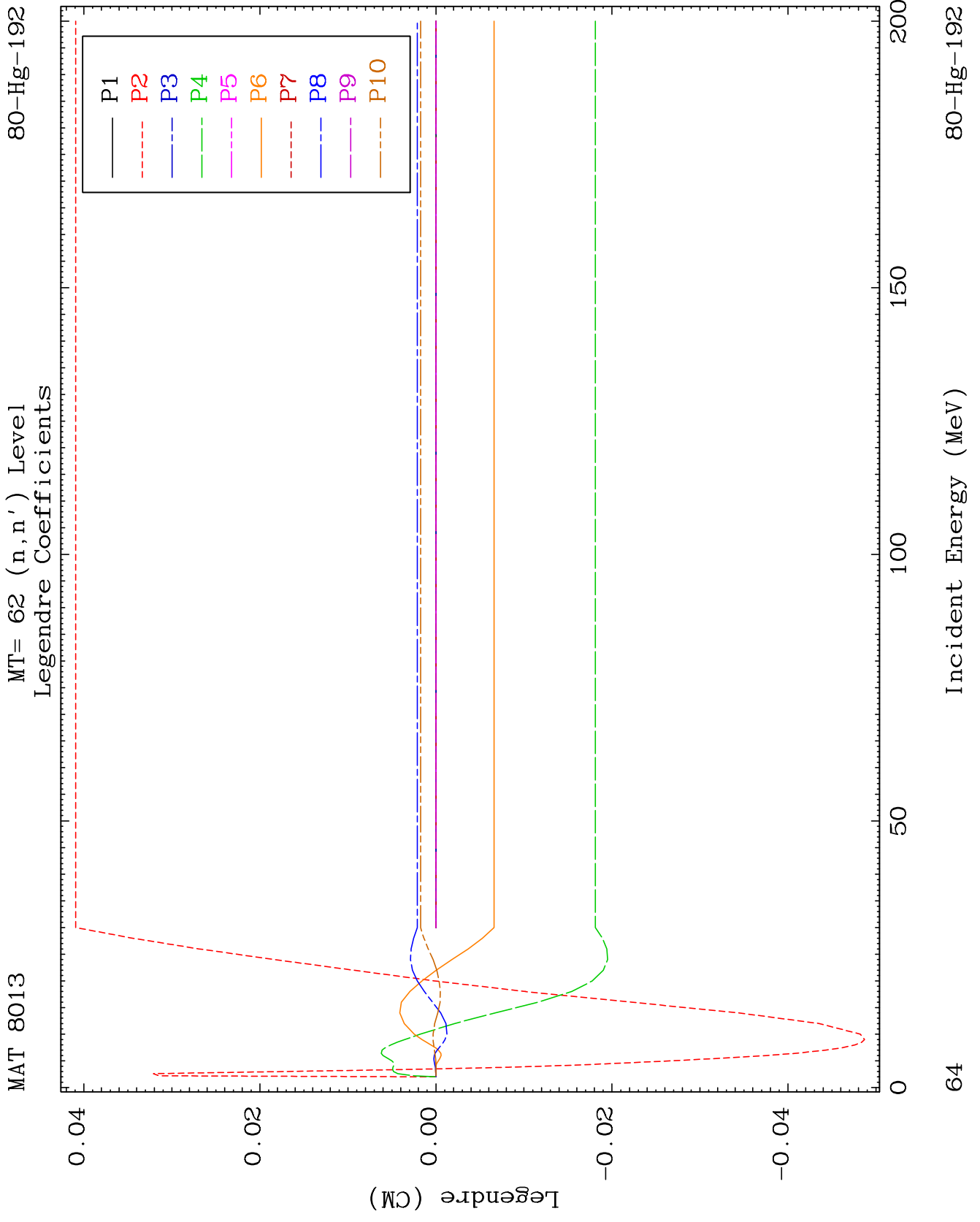


62

Incident Energy (MeV)

80-Hg-192

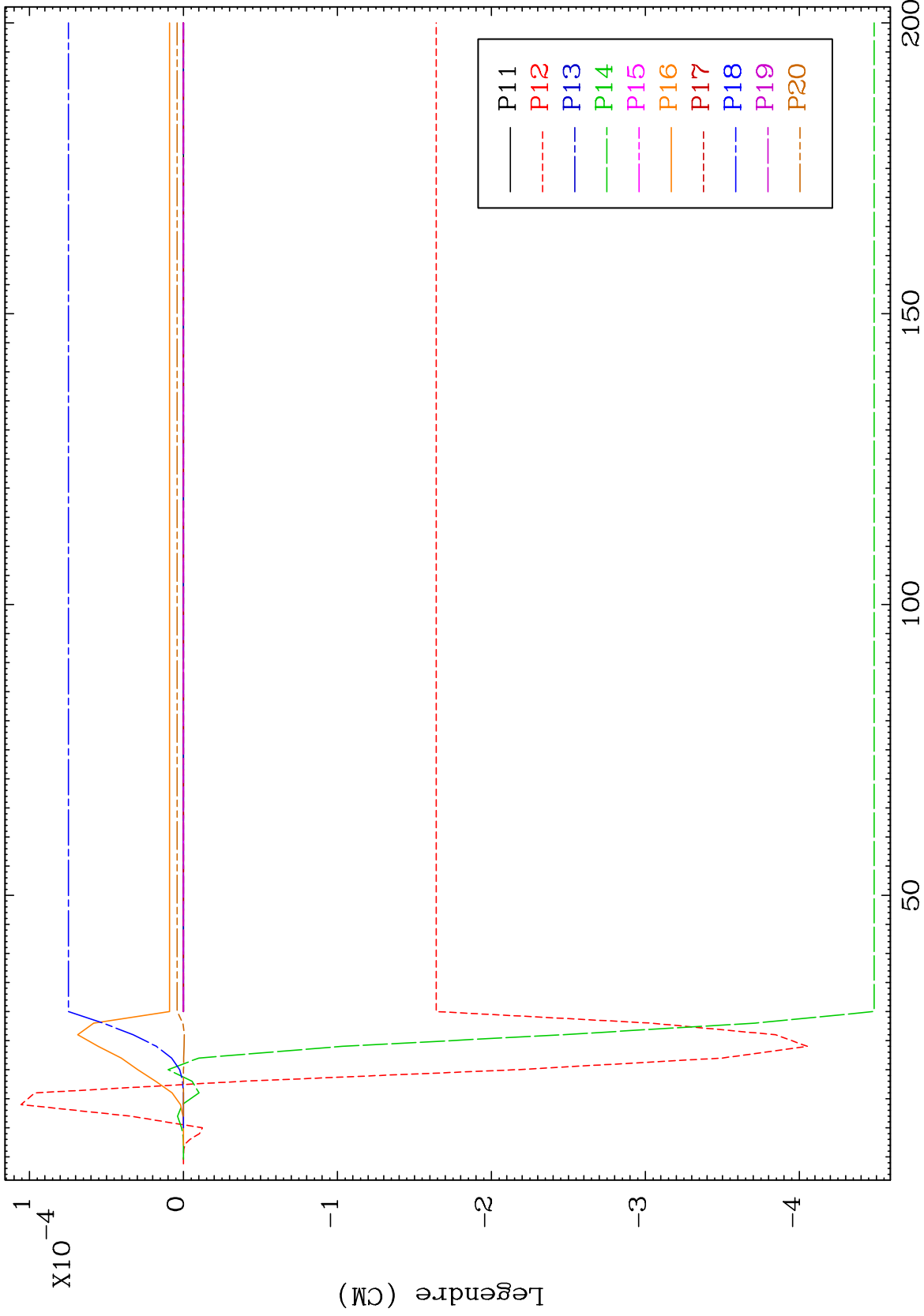




MAT 8013

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

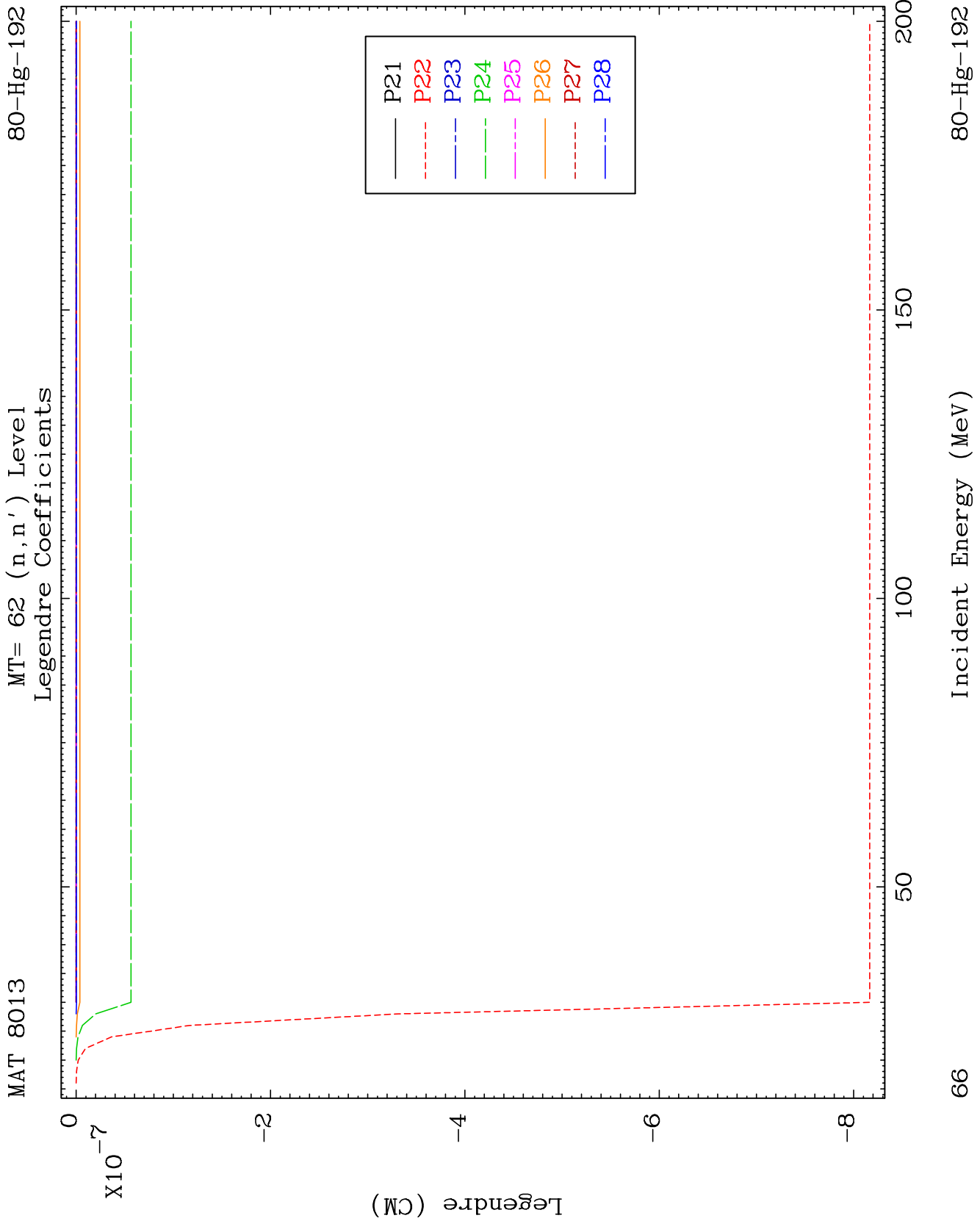
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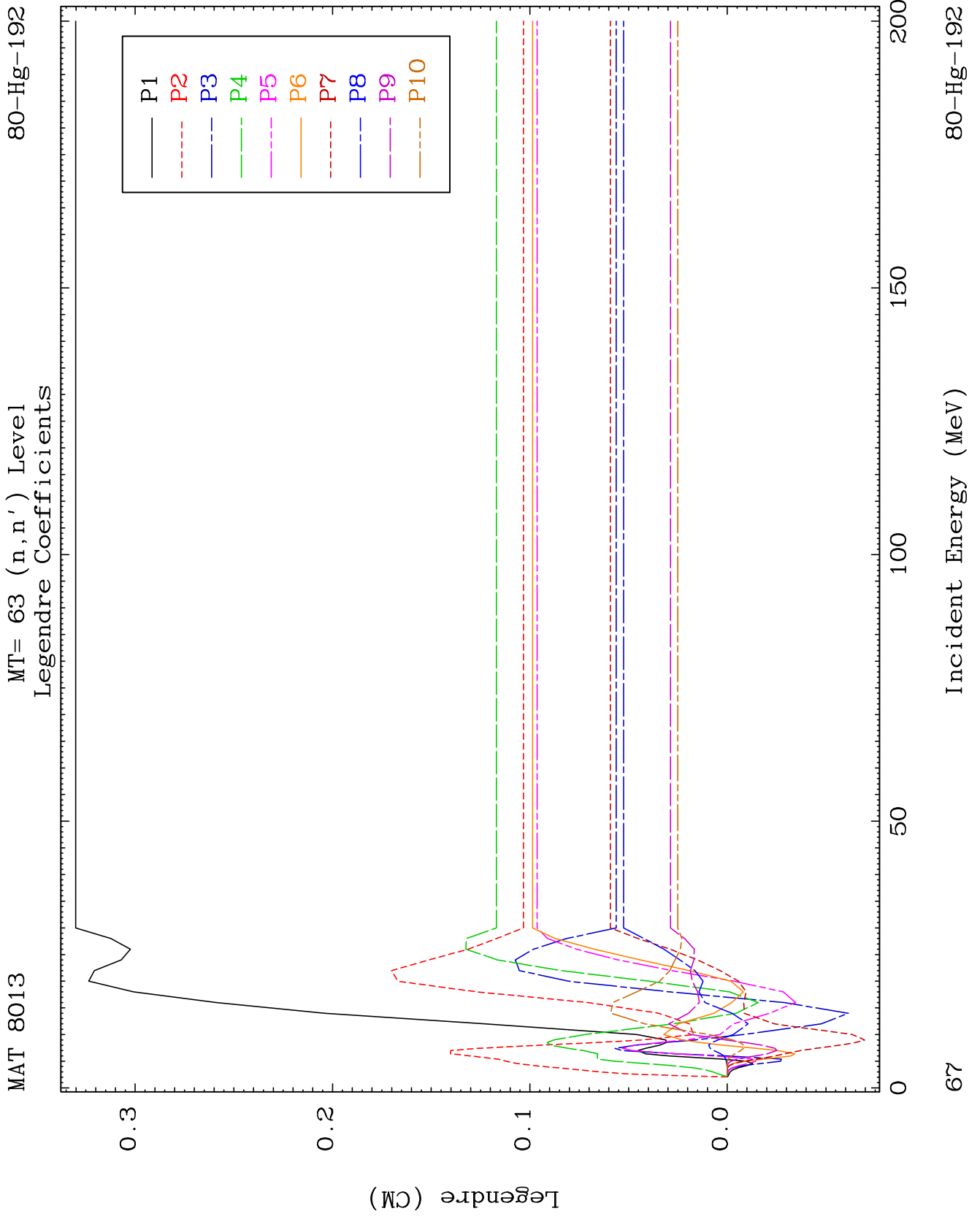


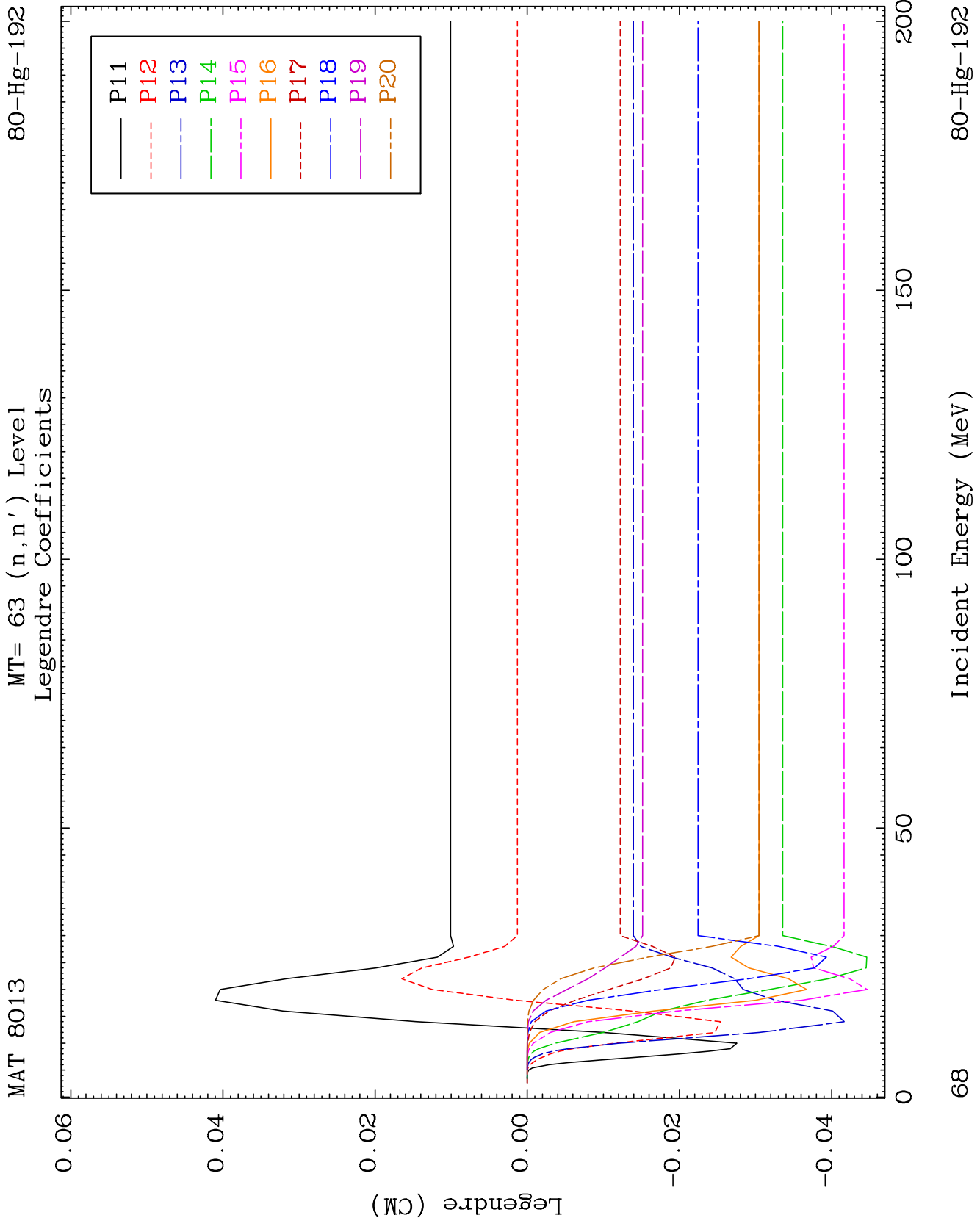
65

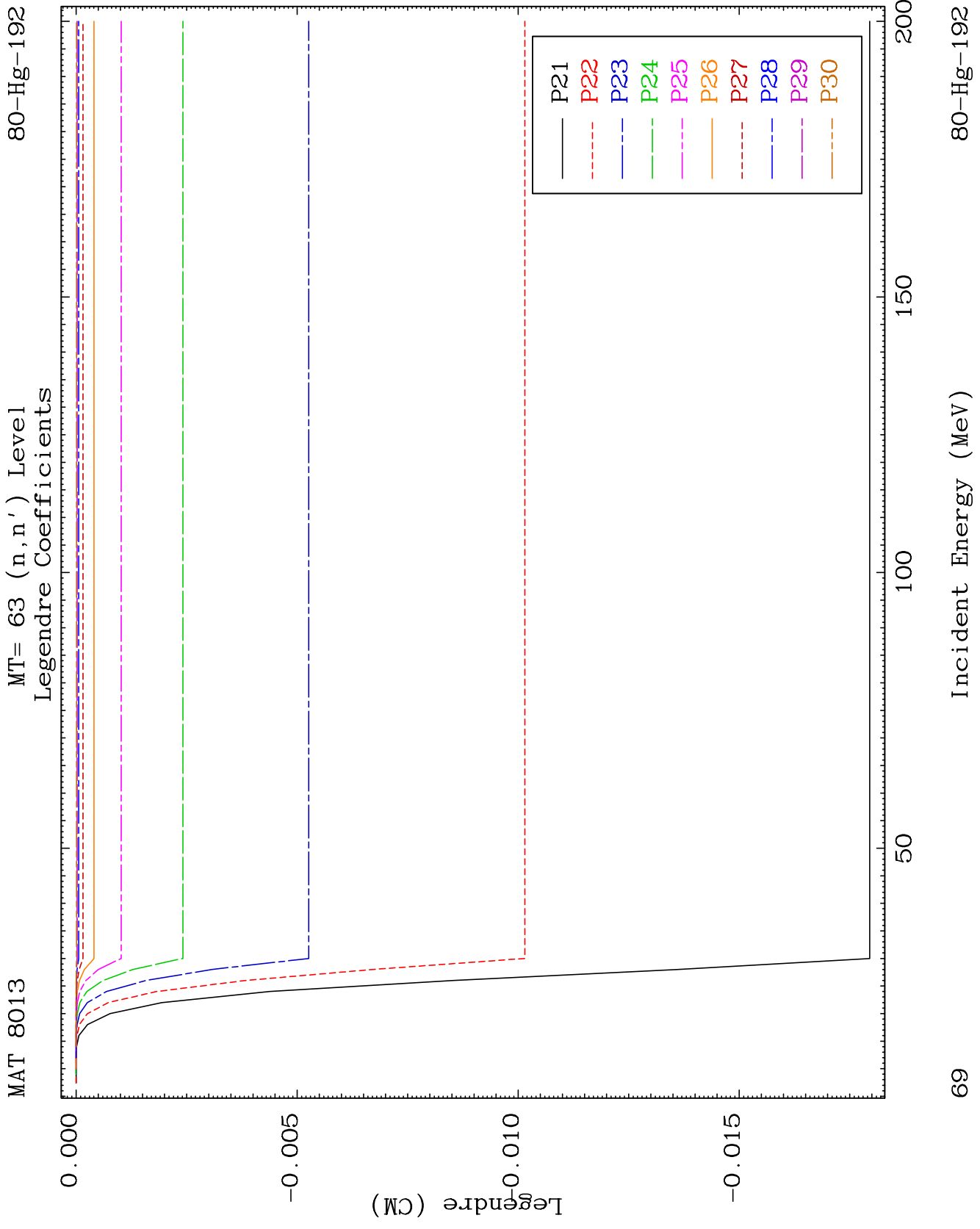
Incident Energy (MeV)

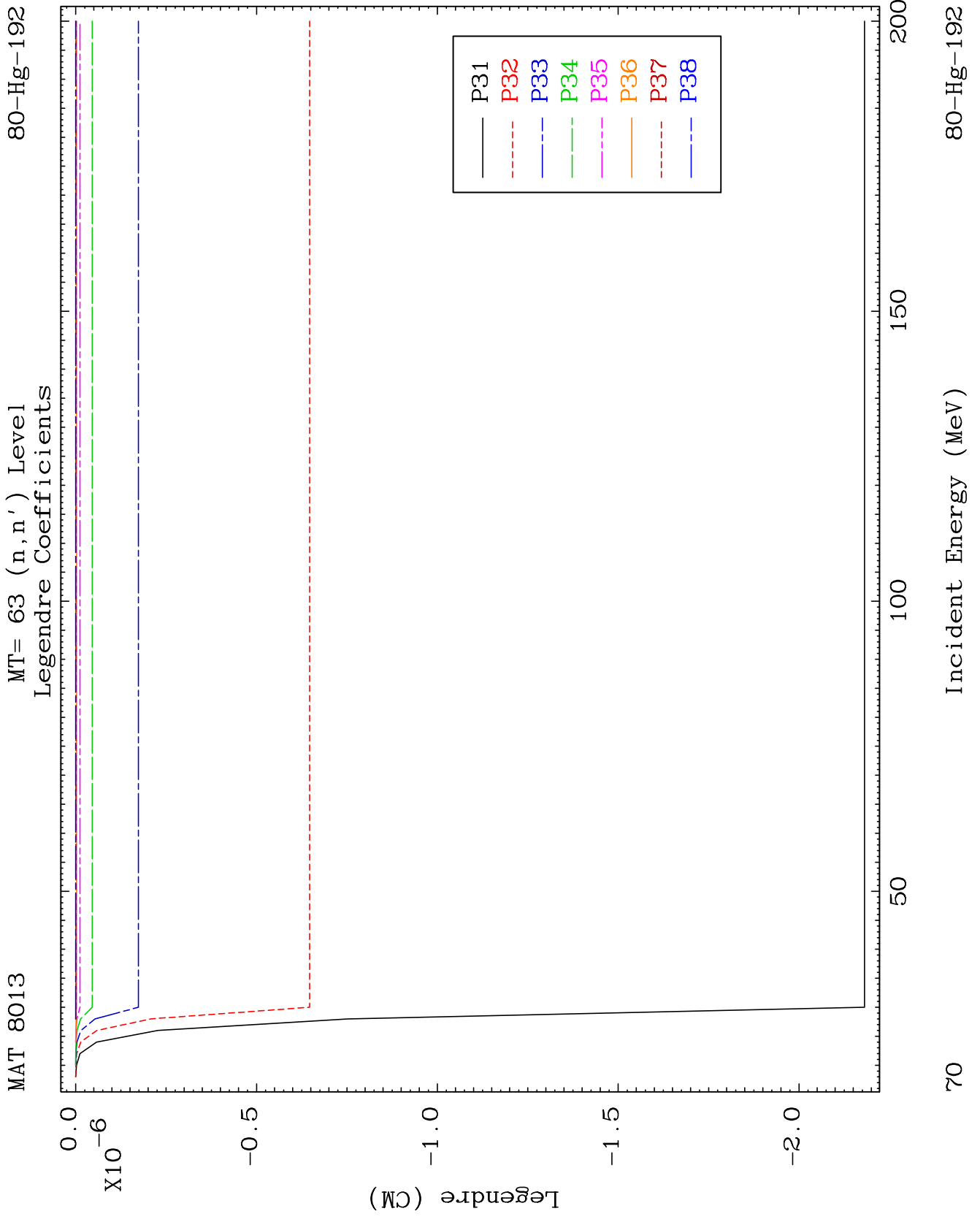
80-Hg-192

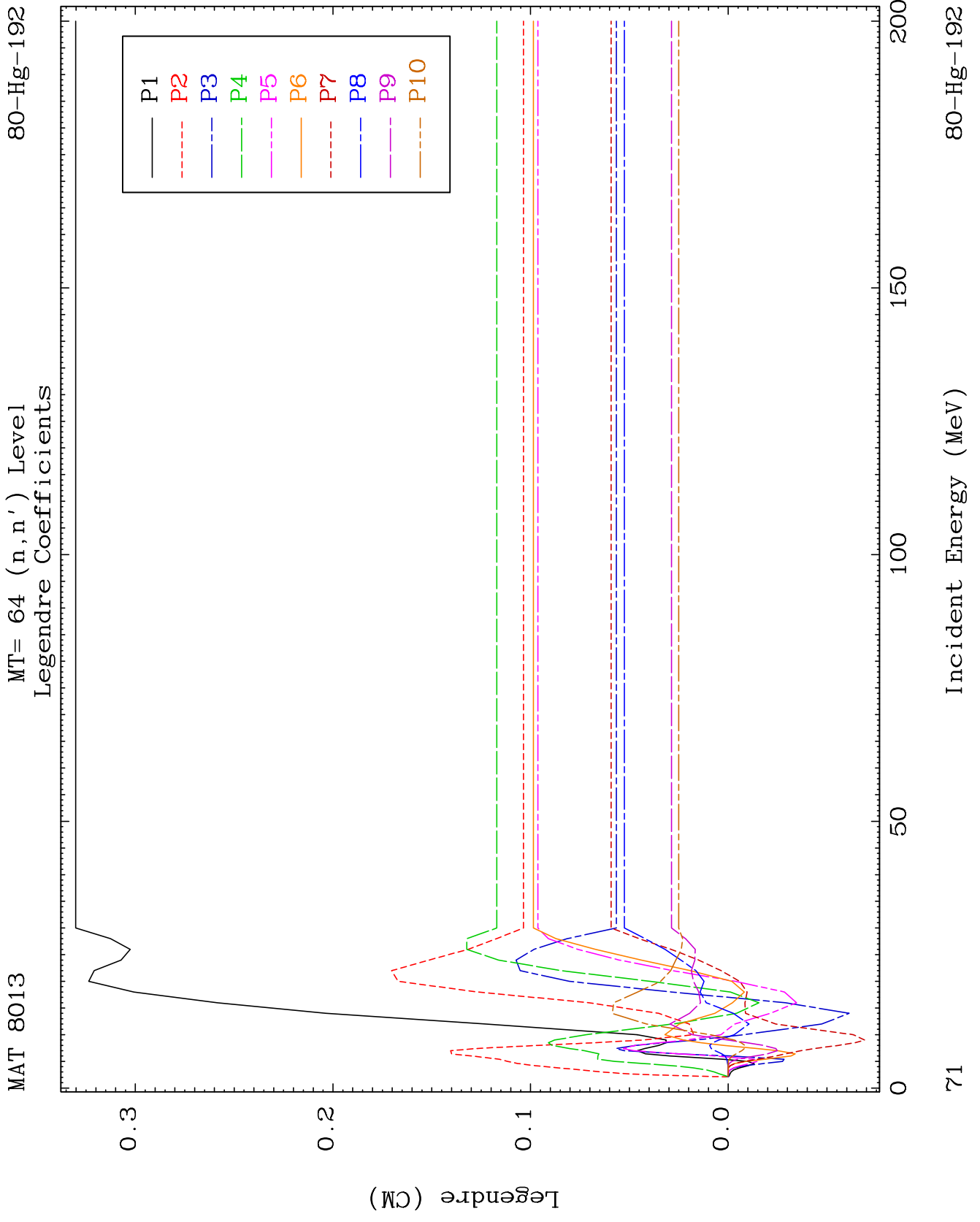


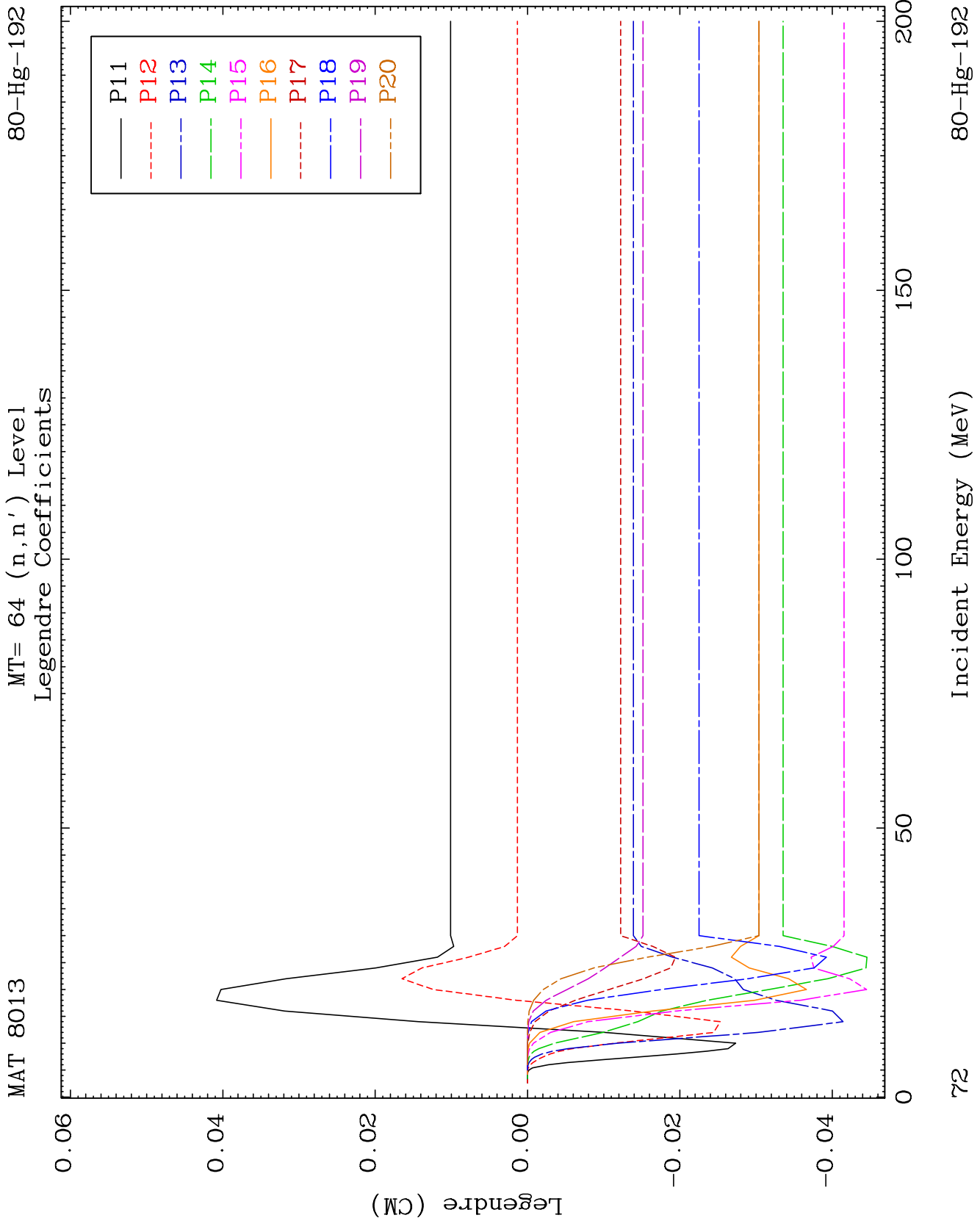


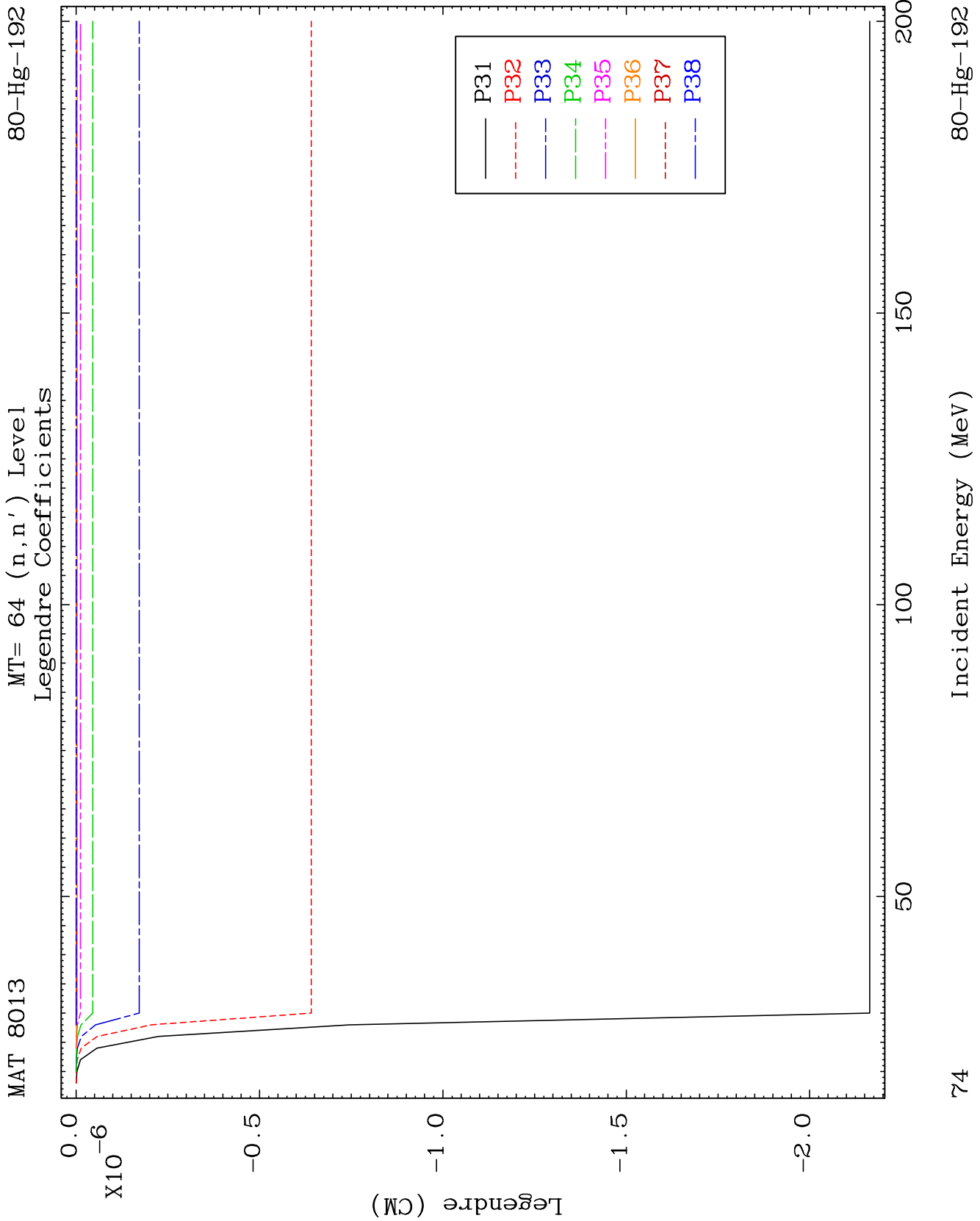








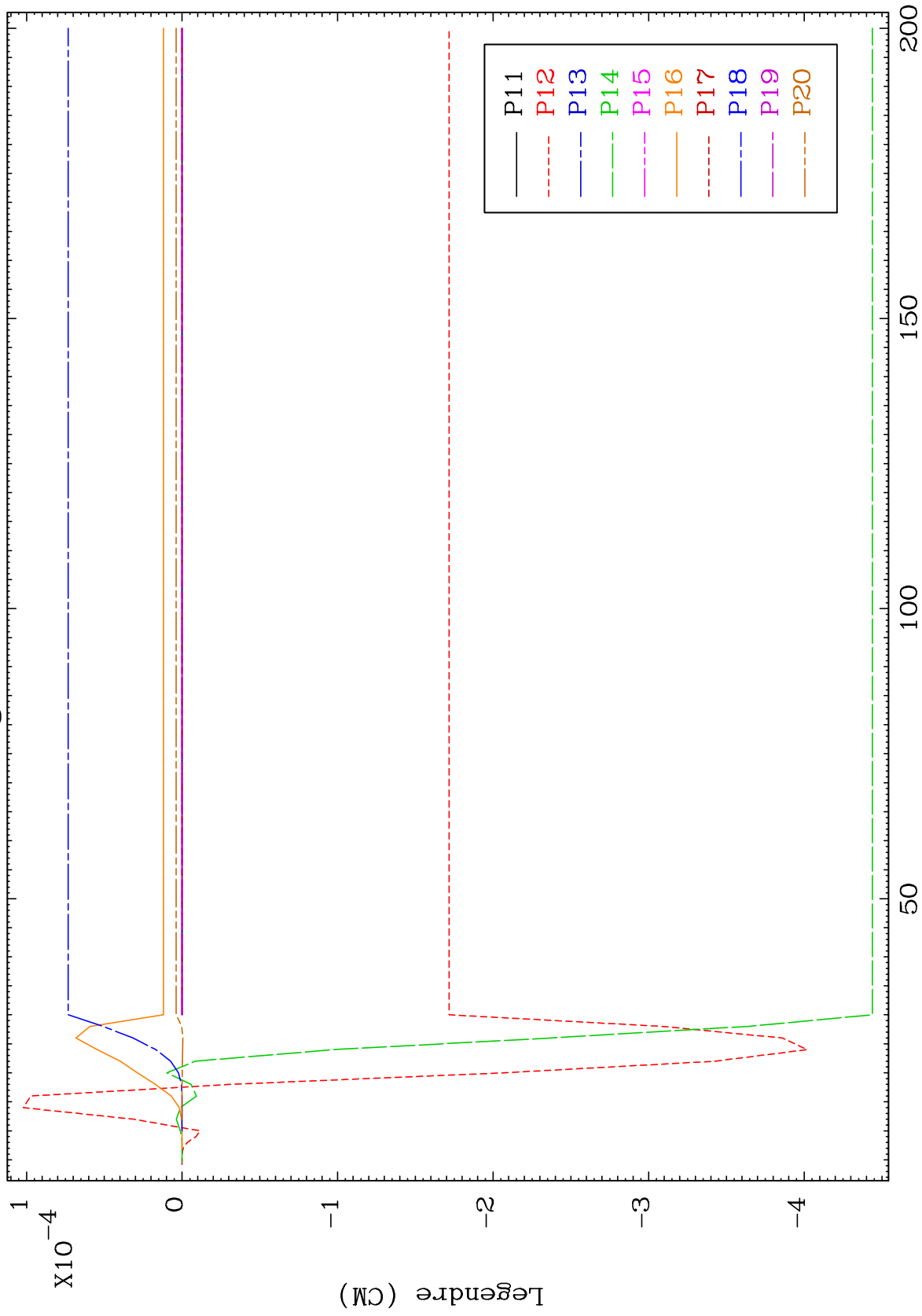




MAT 8013

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

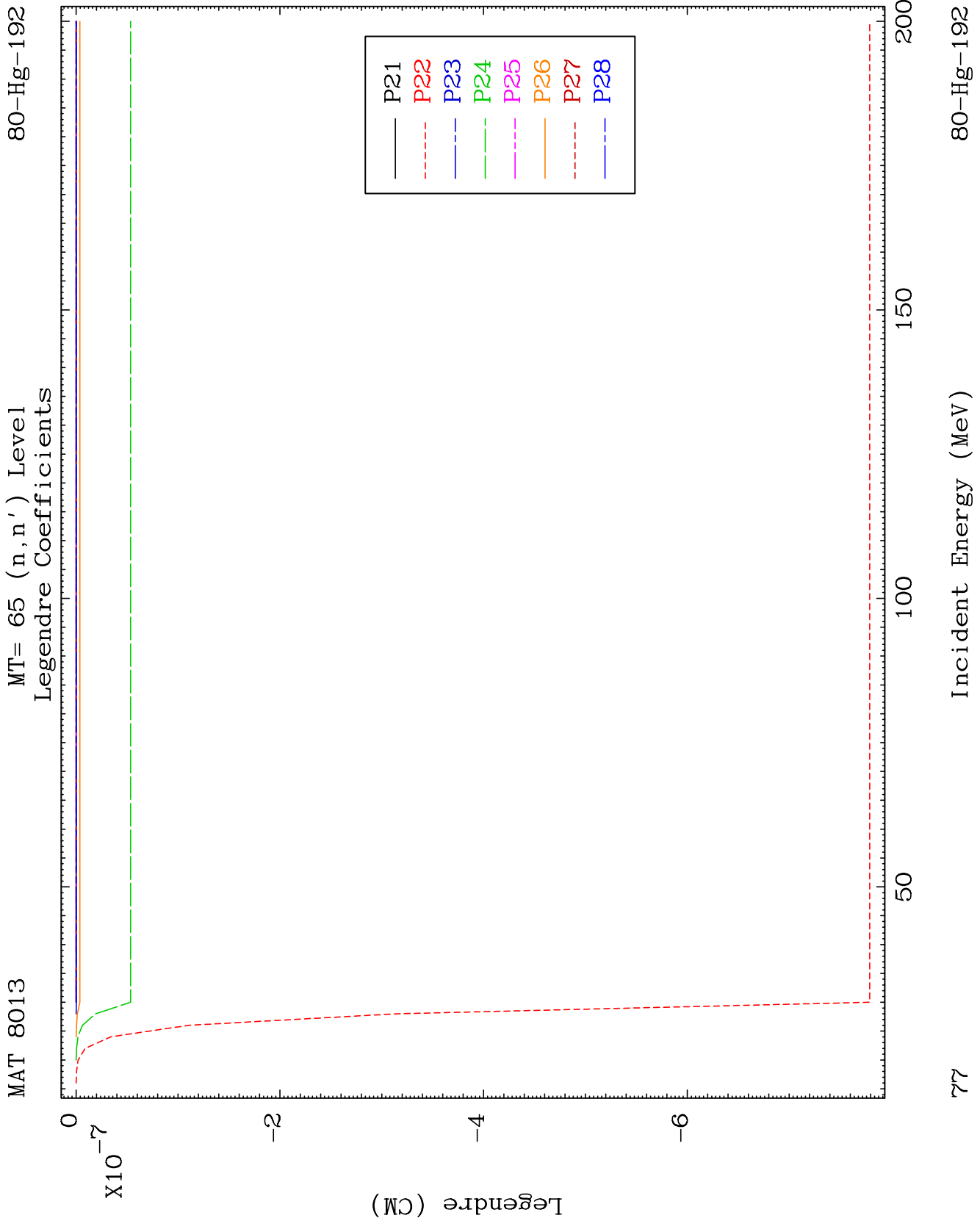
80-Hg-192



76

Incident Energy (MeV)

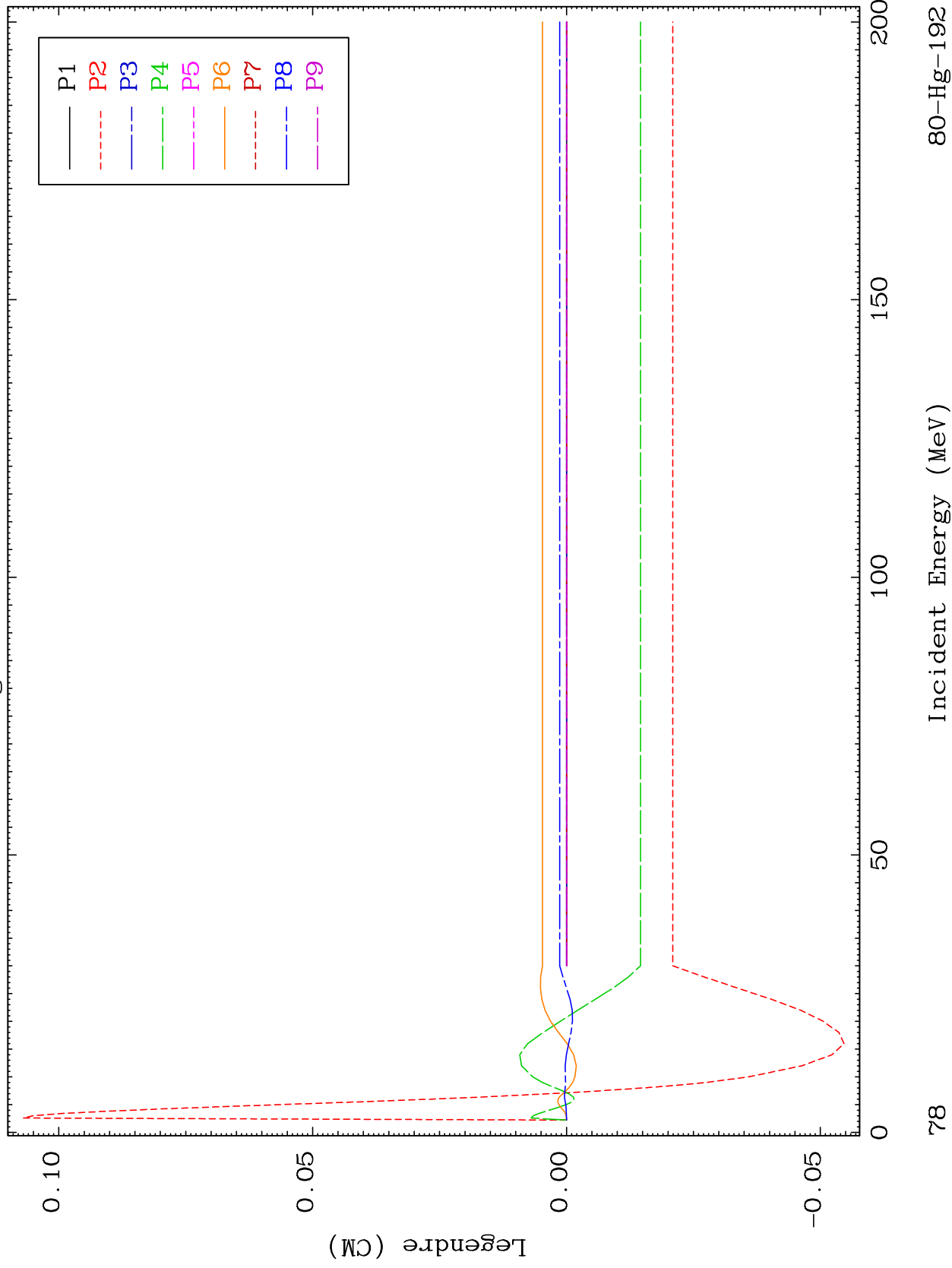
80-Hg-192



MAT 8013

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

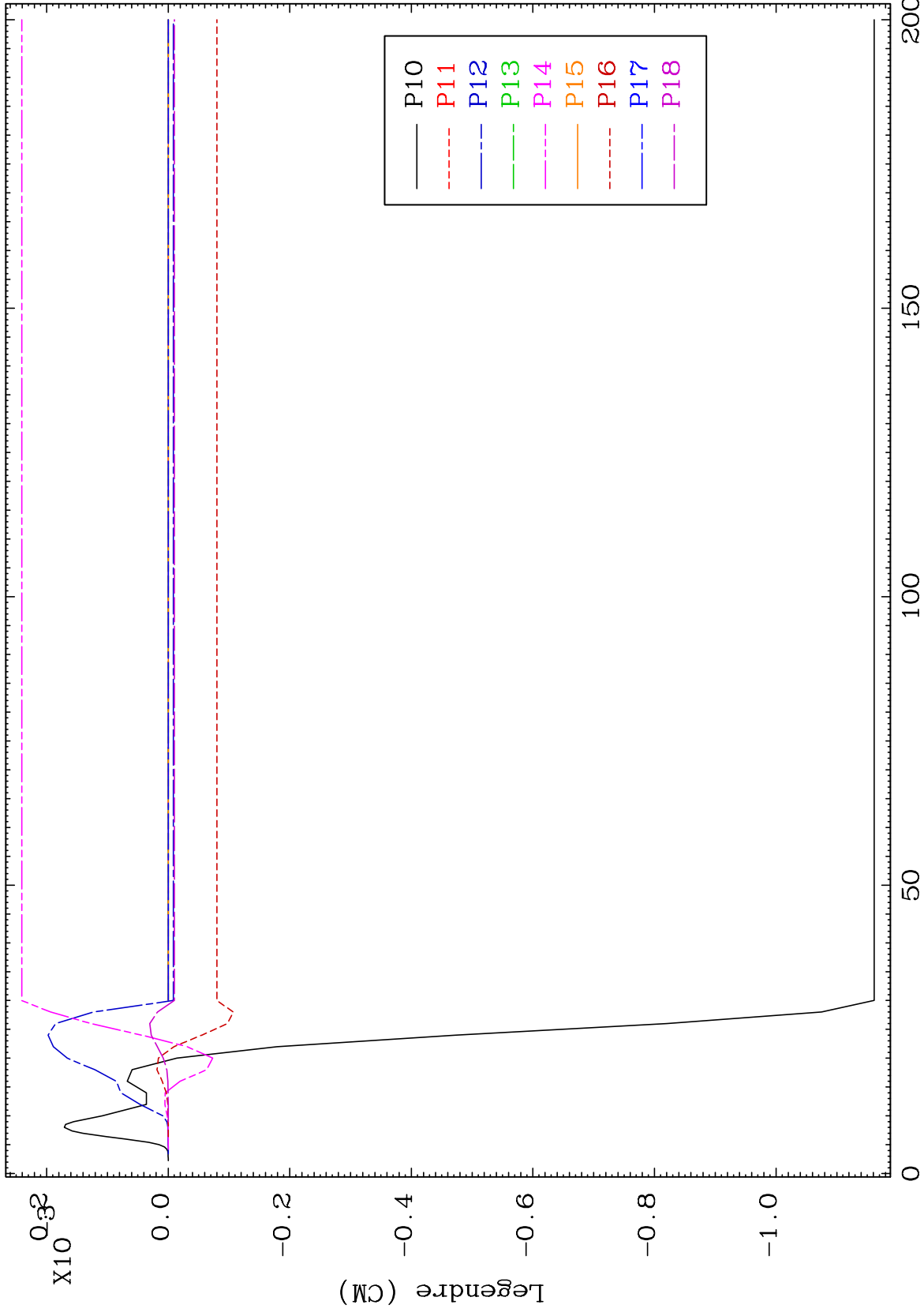
80-Hg-192



MAT 8013

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

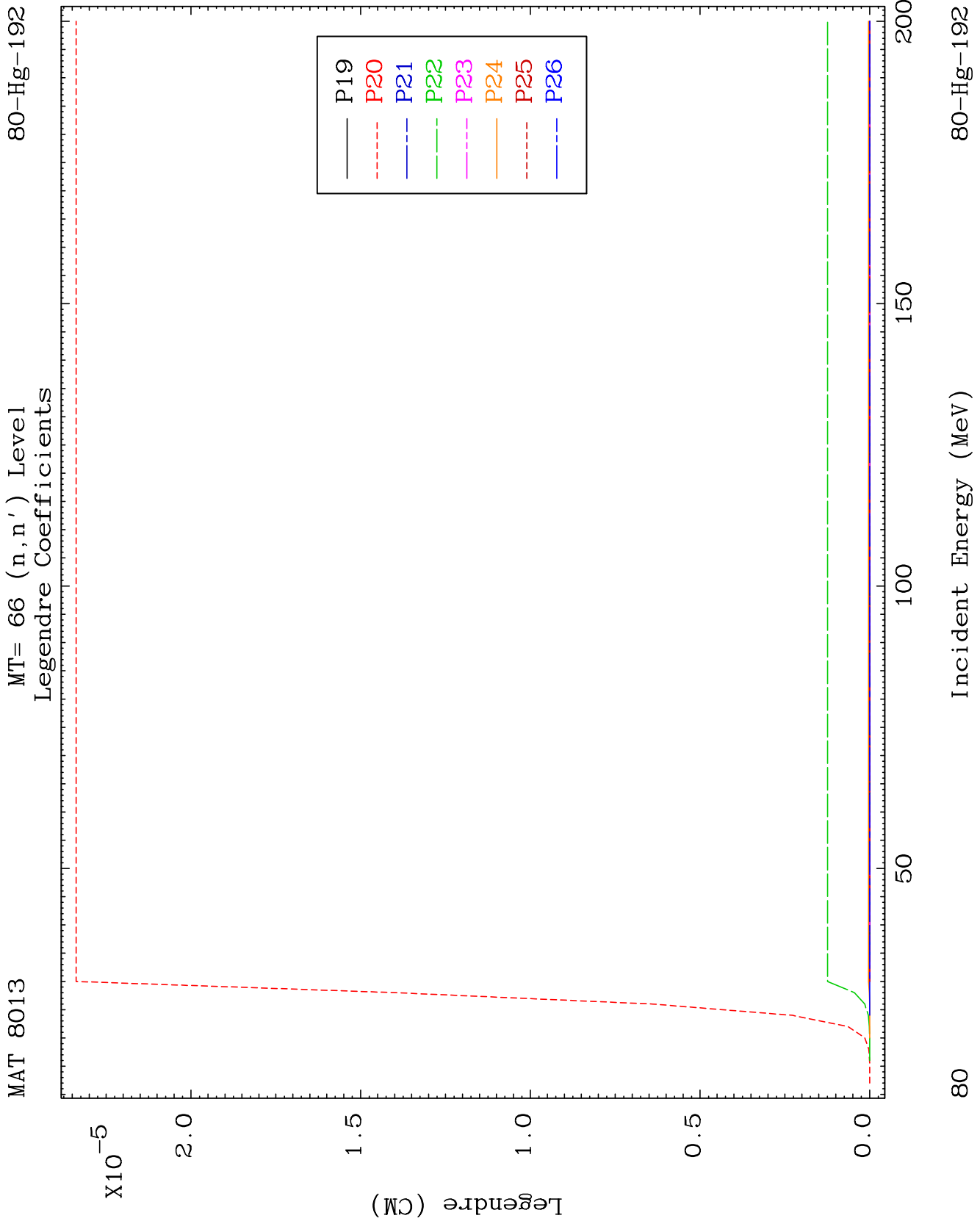
80-Hg-192



79

Incident Energy (MeV)

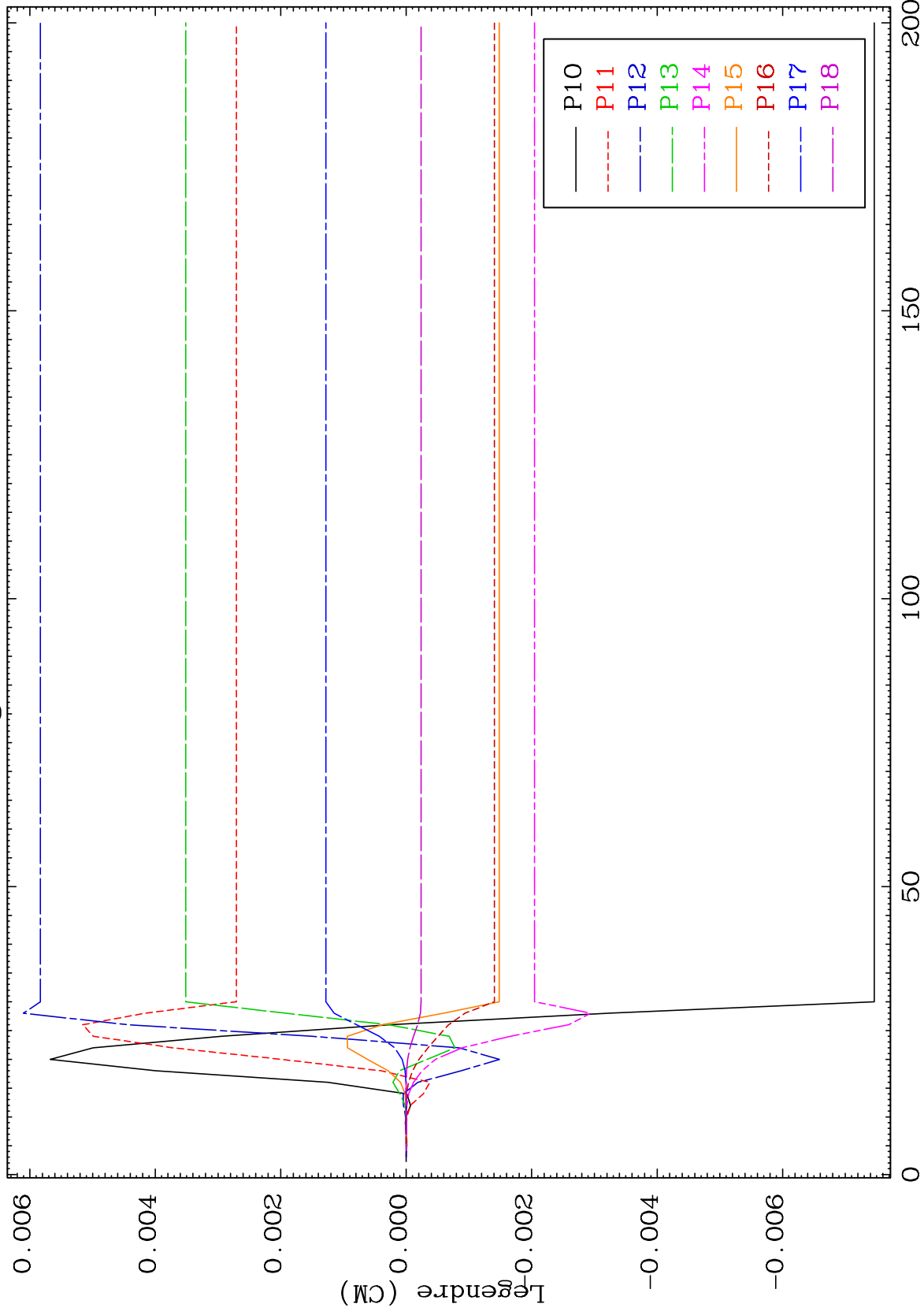
80-Hg-192



MAT 8013

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

80-Hg-192



82

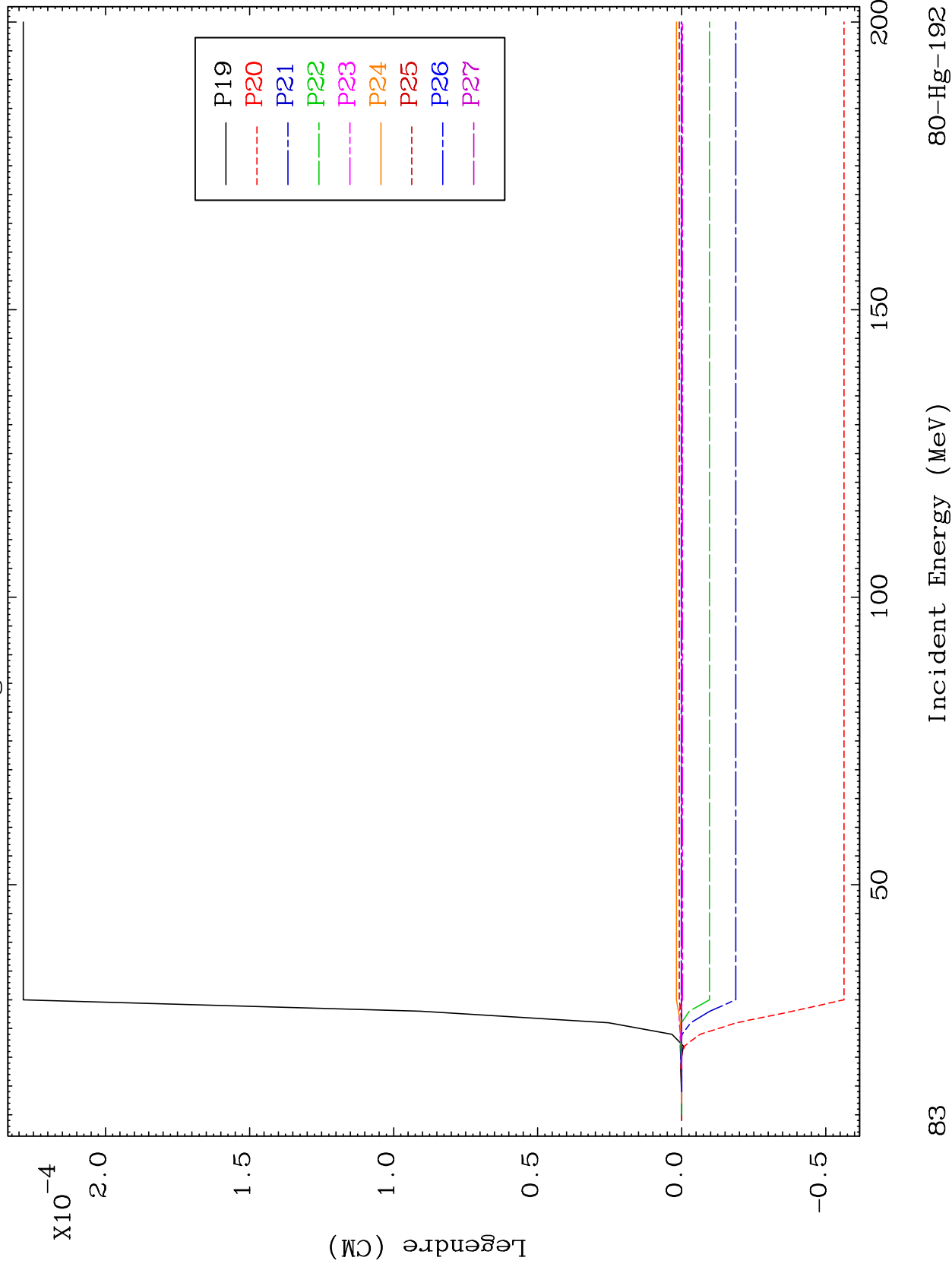
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

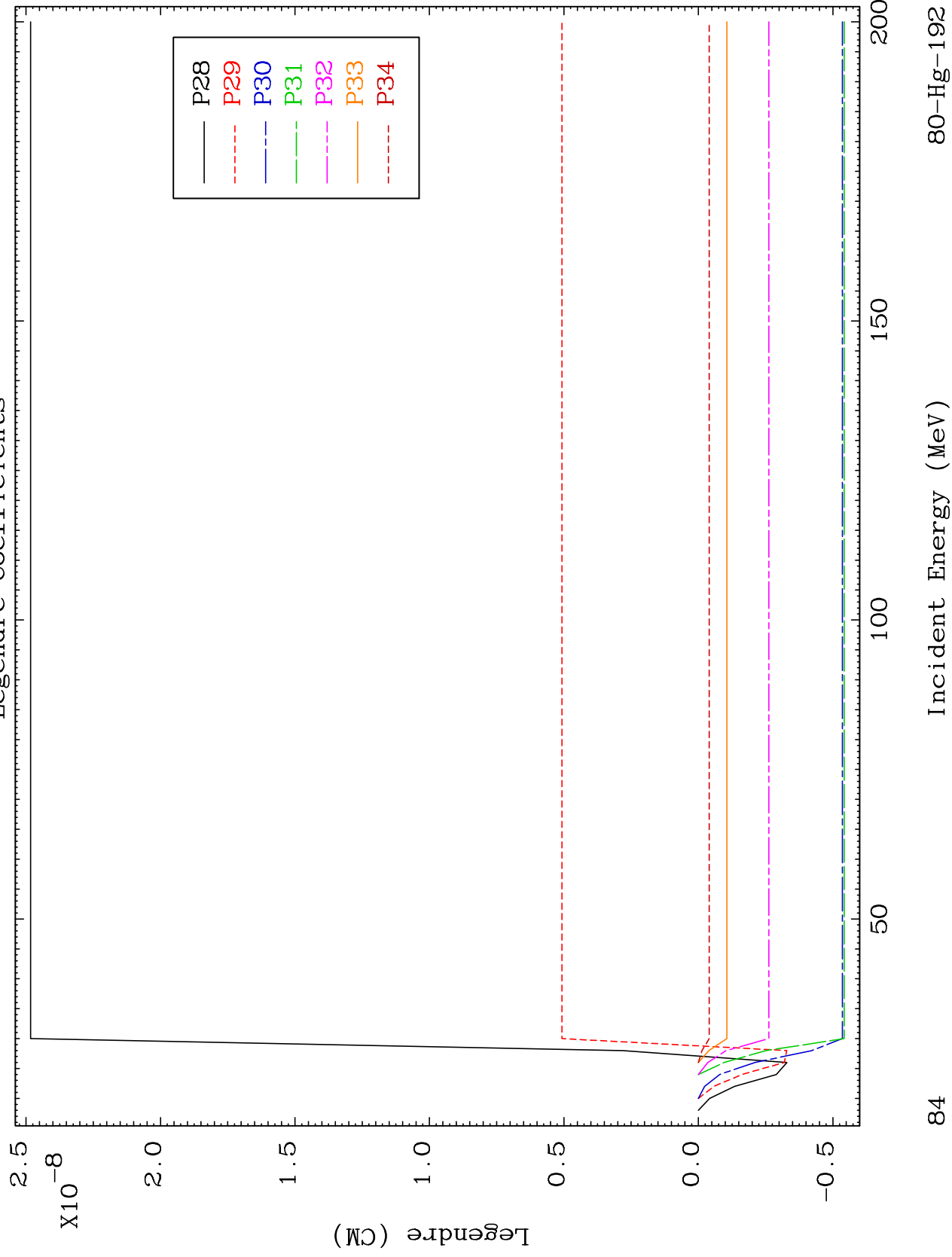
80-Hg-192



MAT 8013

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

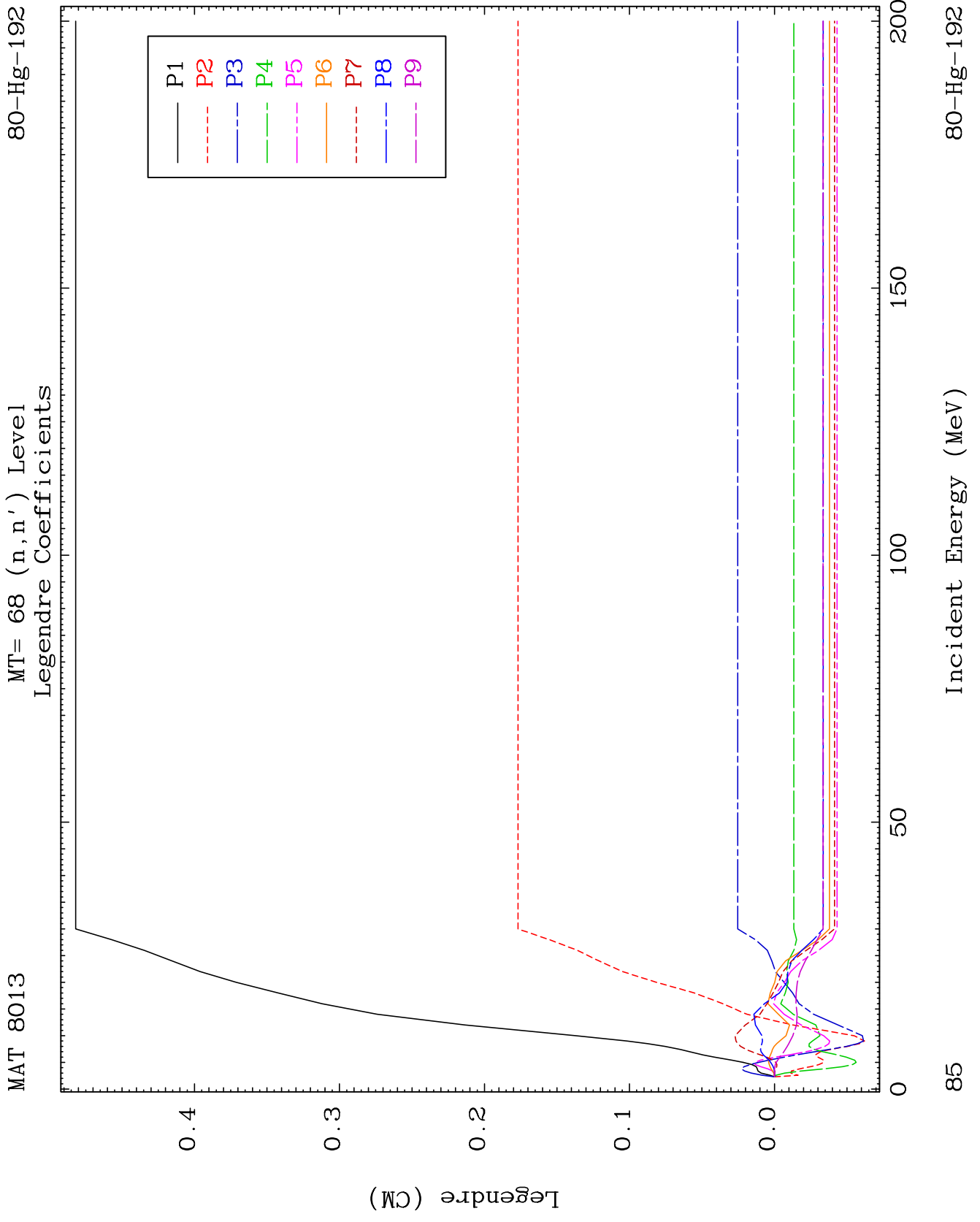
80-Hg-192



84

Incident Energy (MeV)

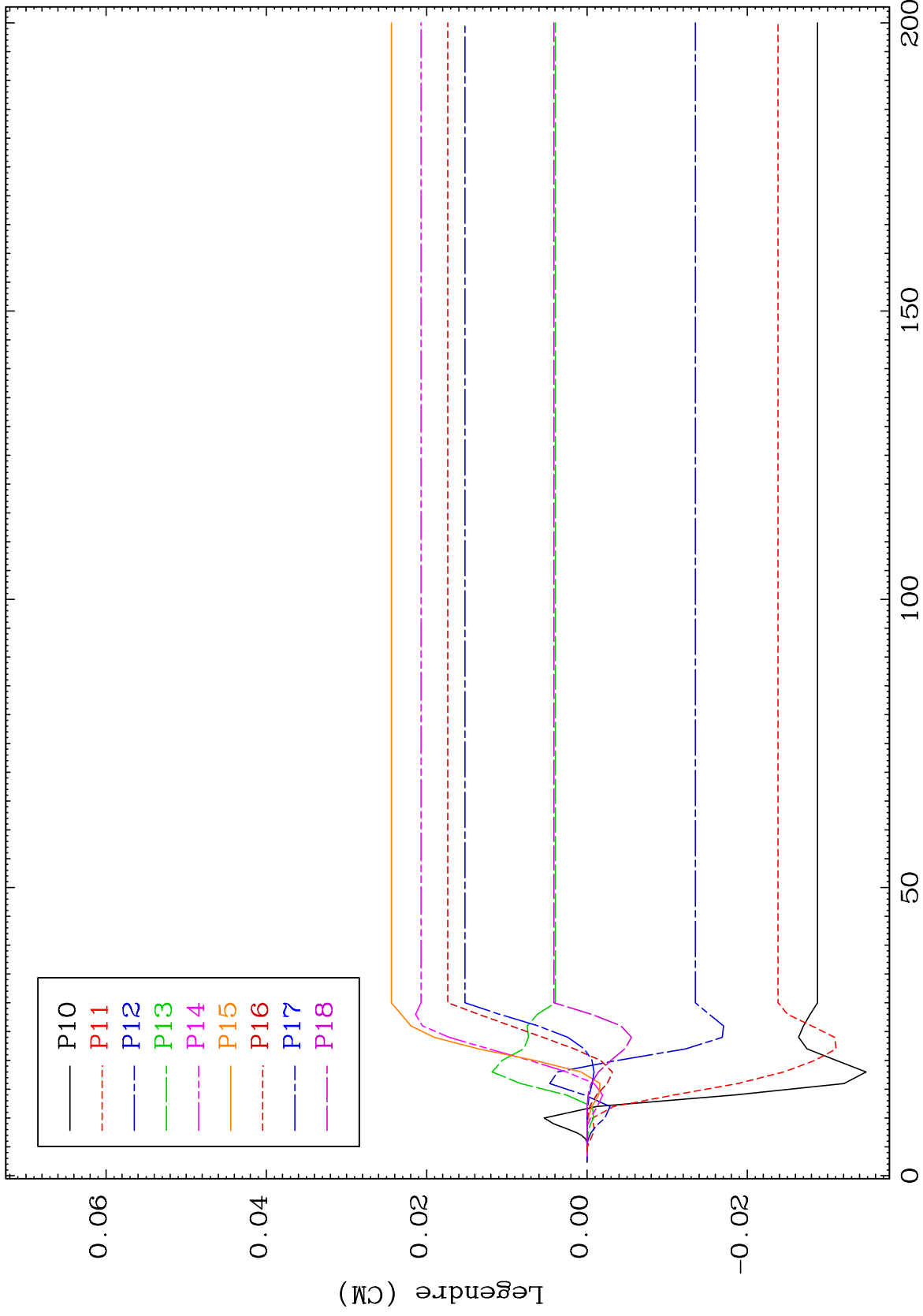
80-Hg-192



MAT 8013

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

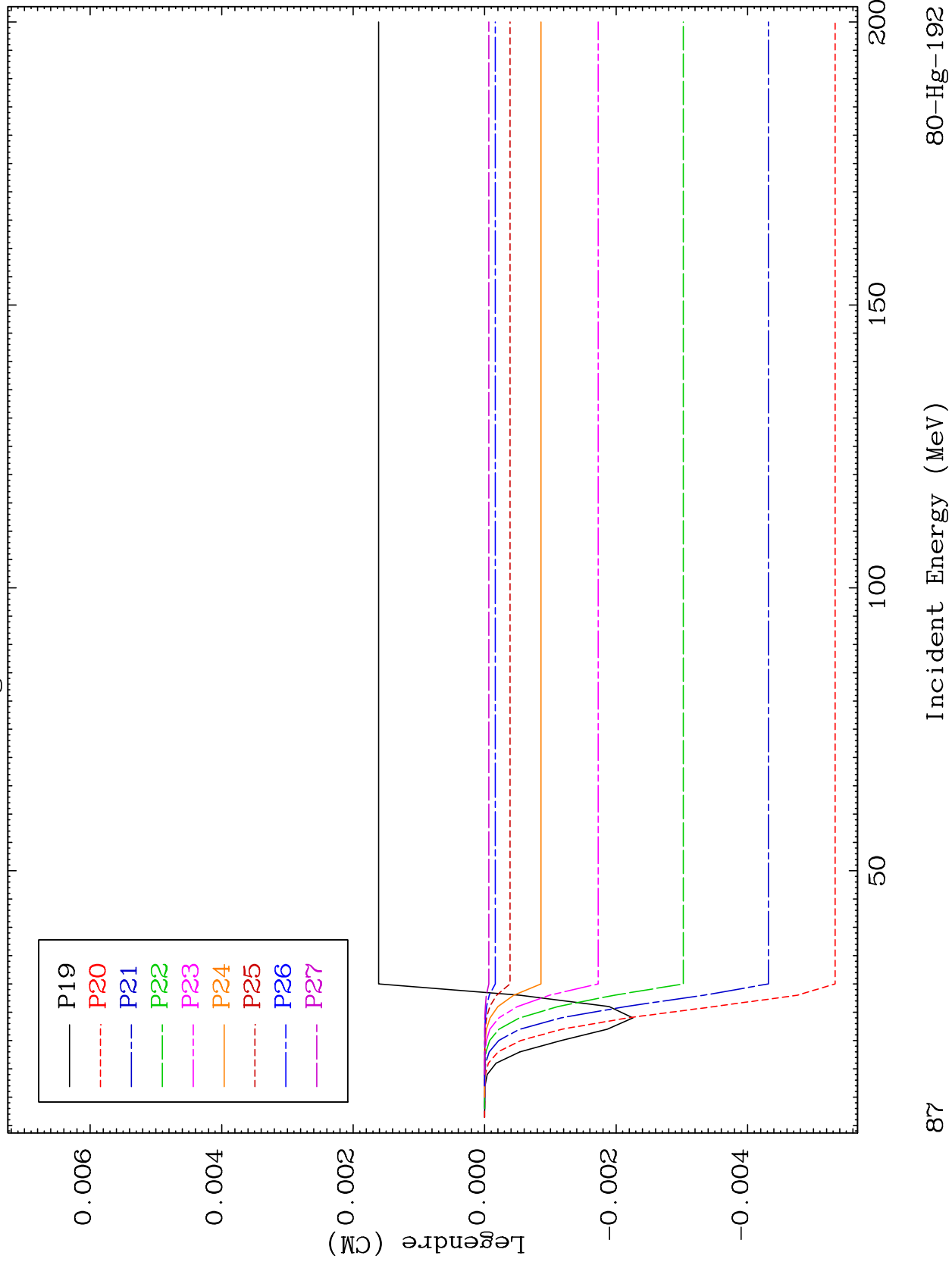
80-Hg-192



86

Incident Energy (MeV)

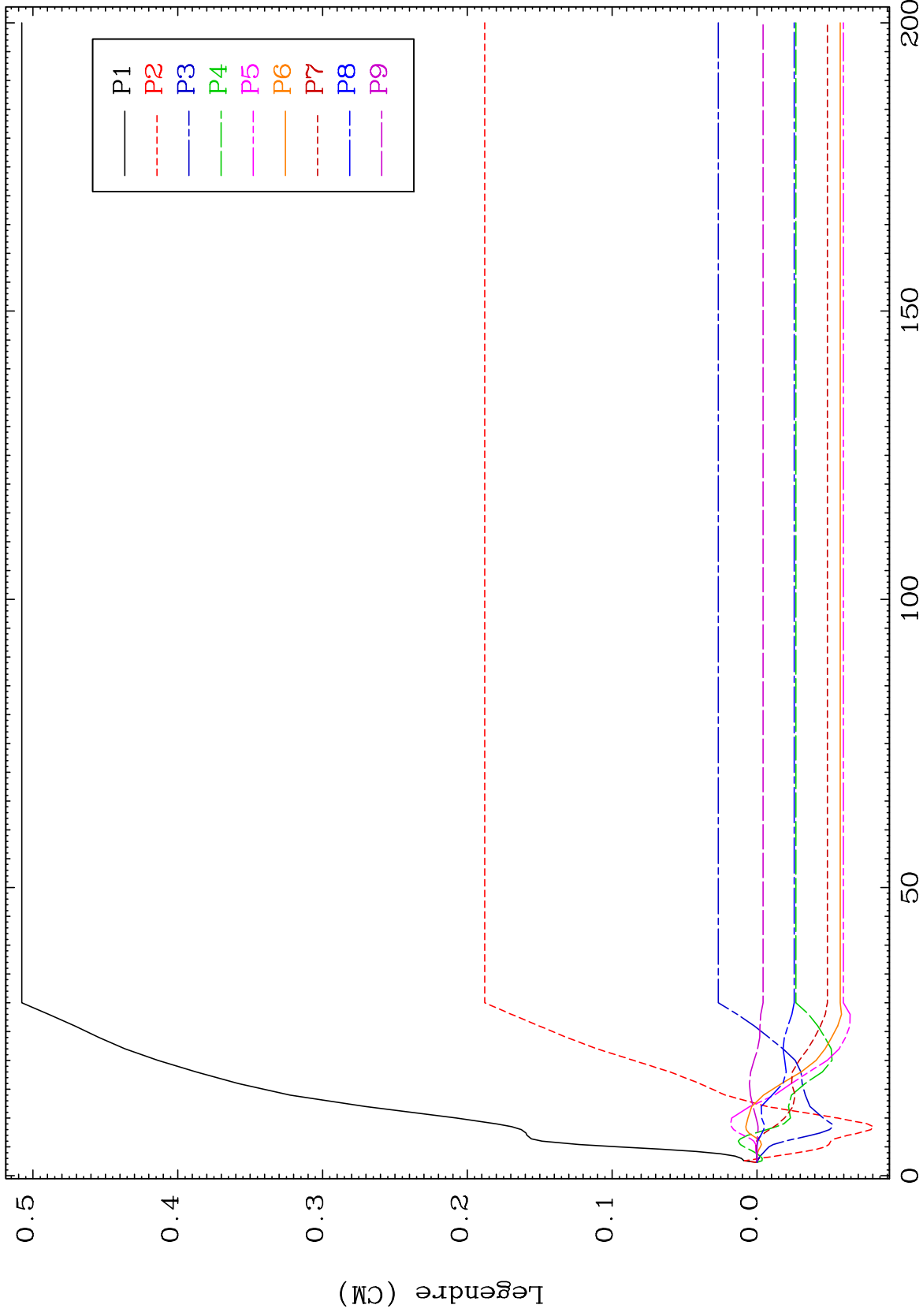
80-Hg-192



MAT 8013

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

80-Hg-192



89

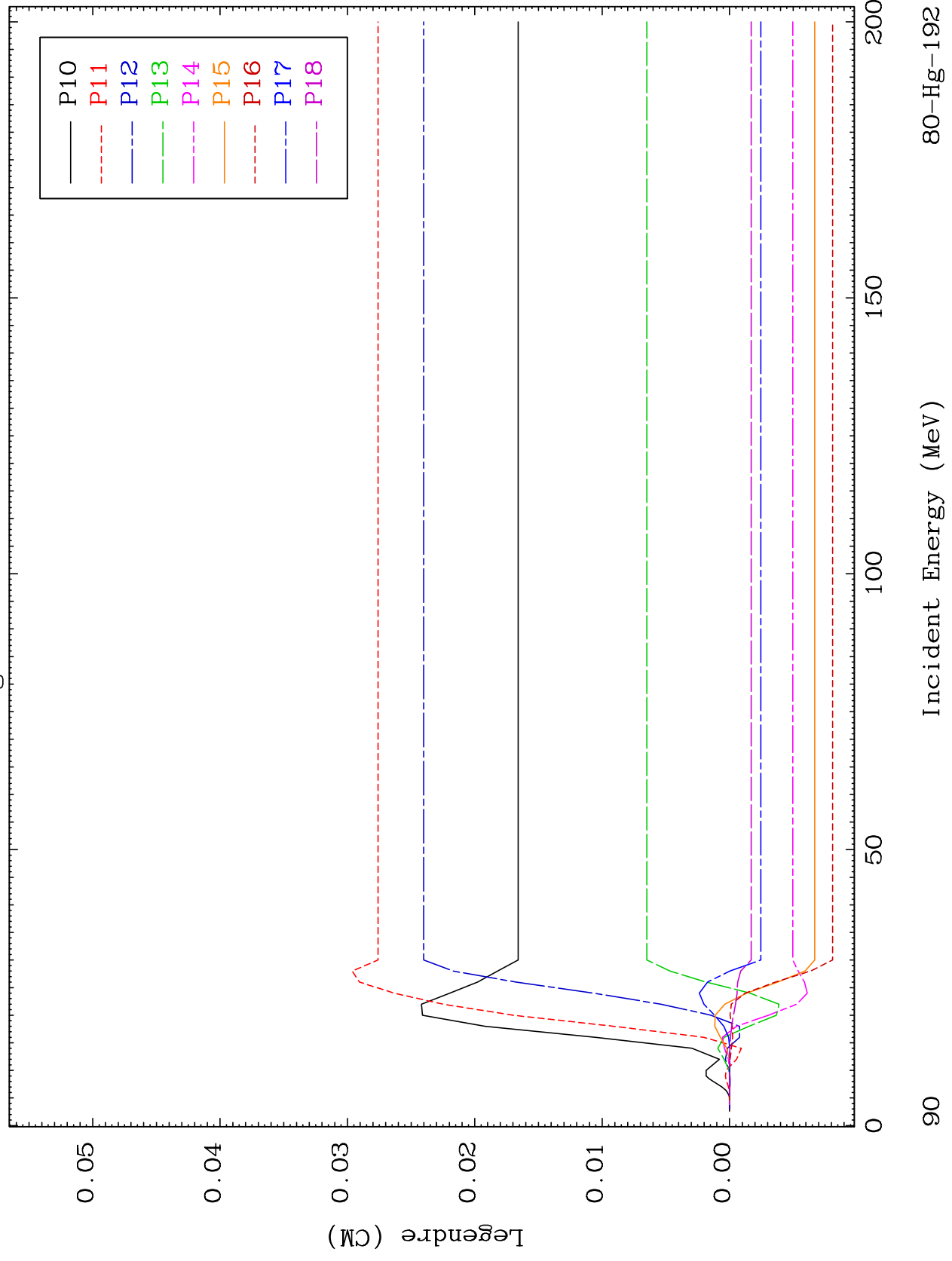
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



90

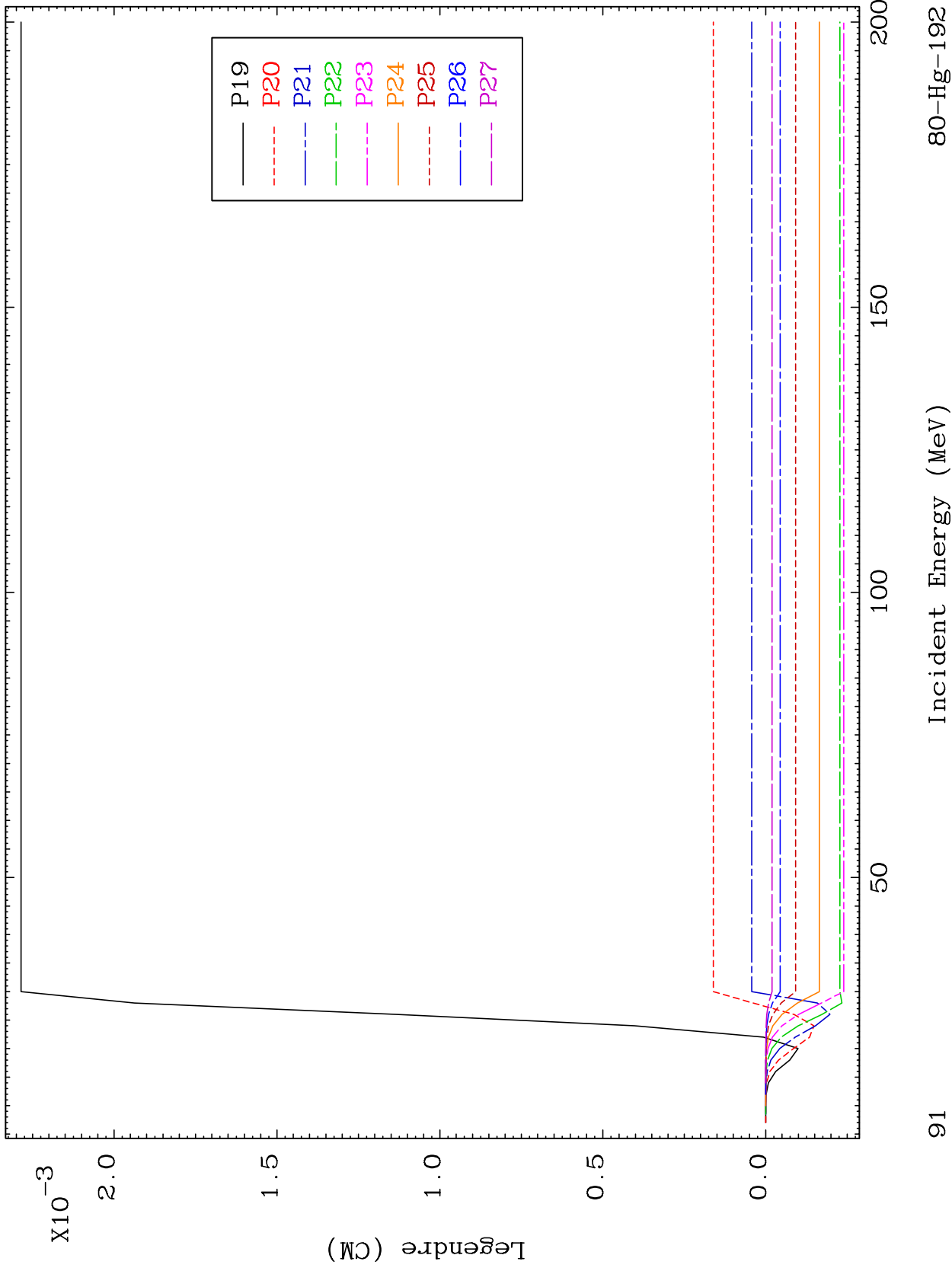
Incident Energy (MeV)

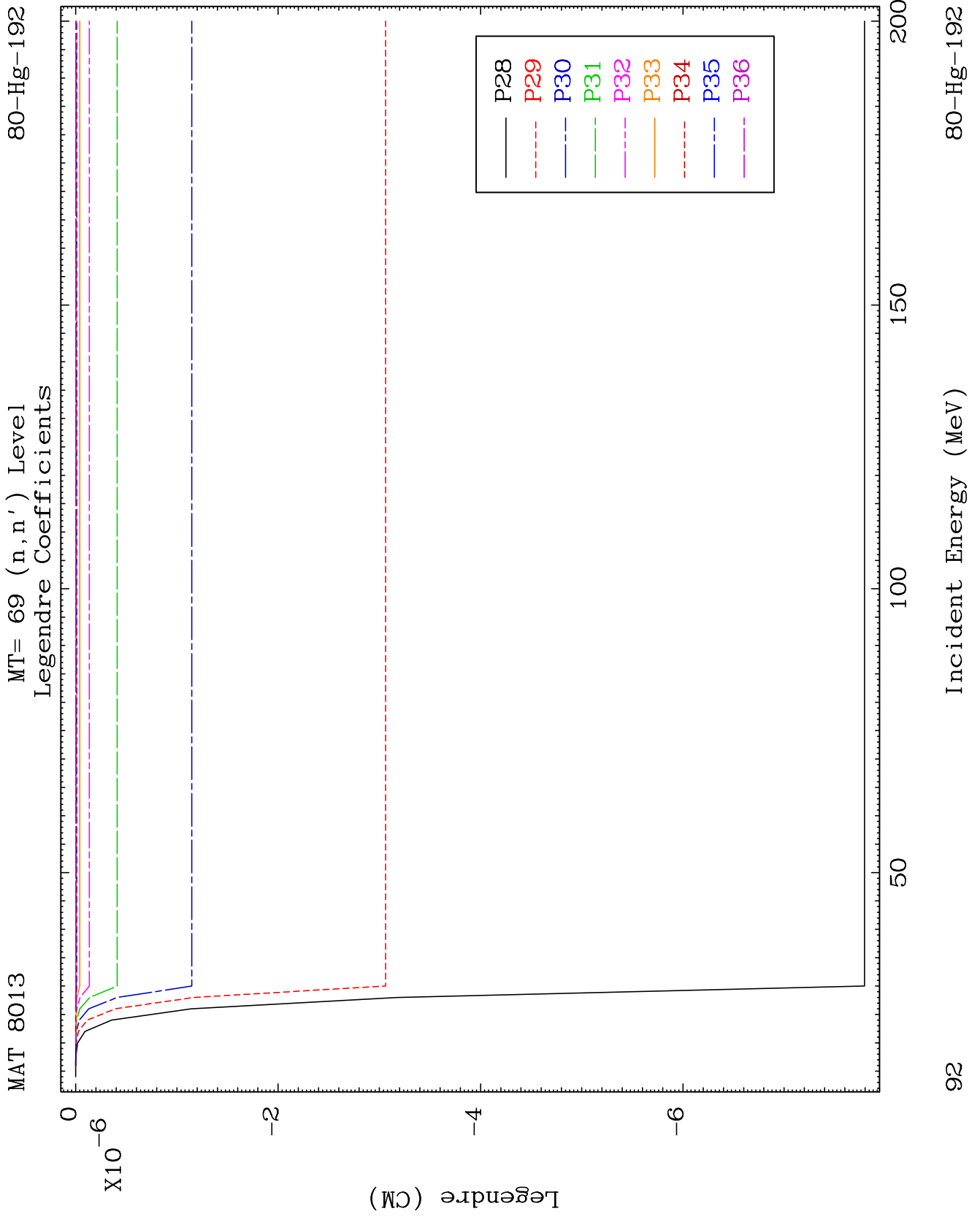
80-Hg-192

MAT 8013

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

80-Hg-192

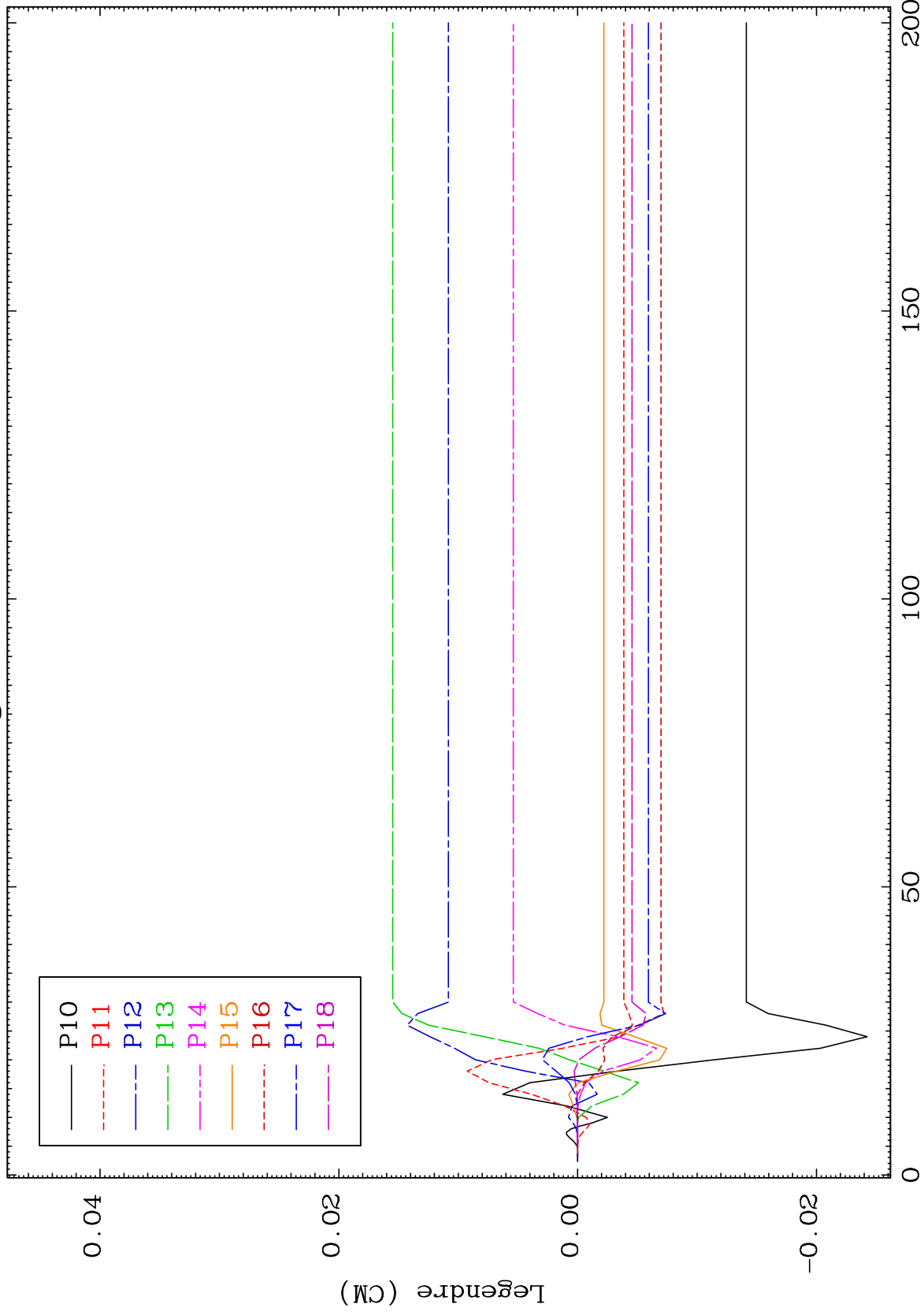




MAT 8013

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

80-Hg-192



94

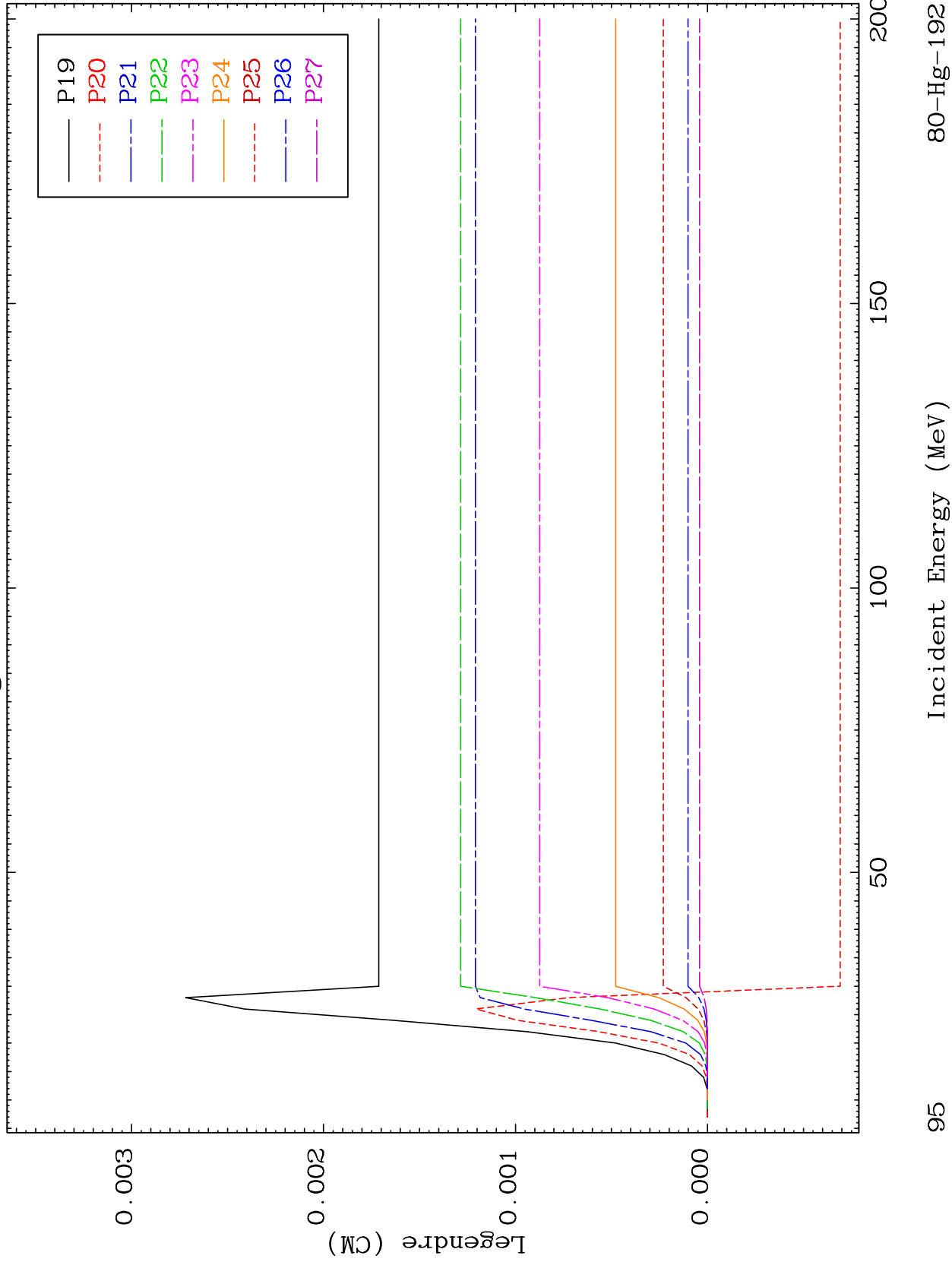
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



95

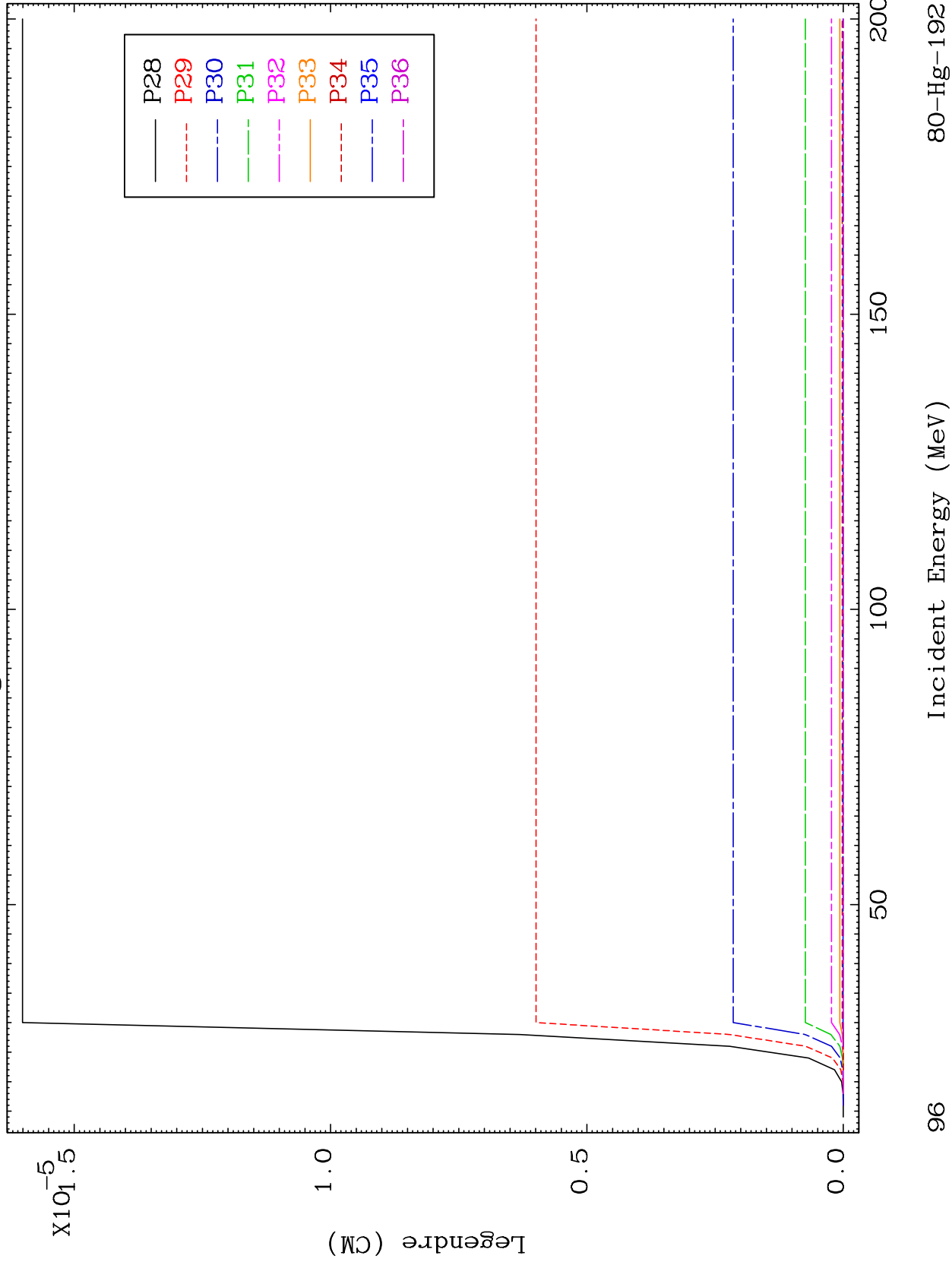
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

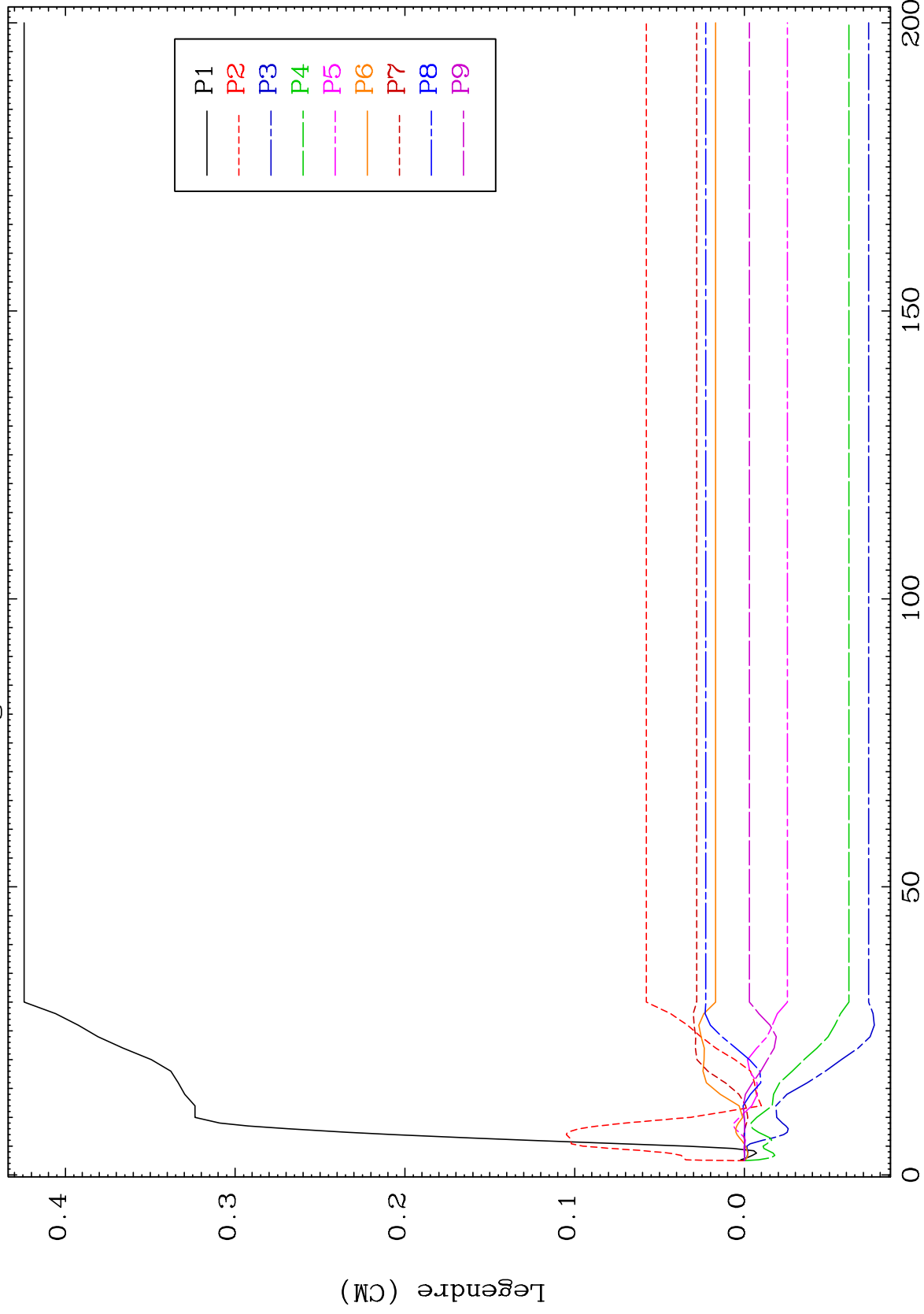
80-Hg-192



MAT 8013

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

80-Hg-192



97

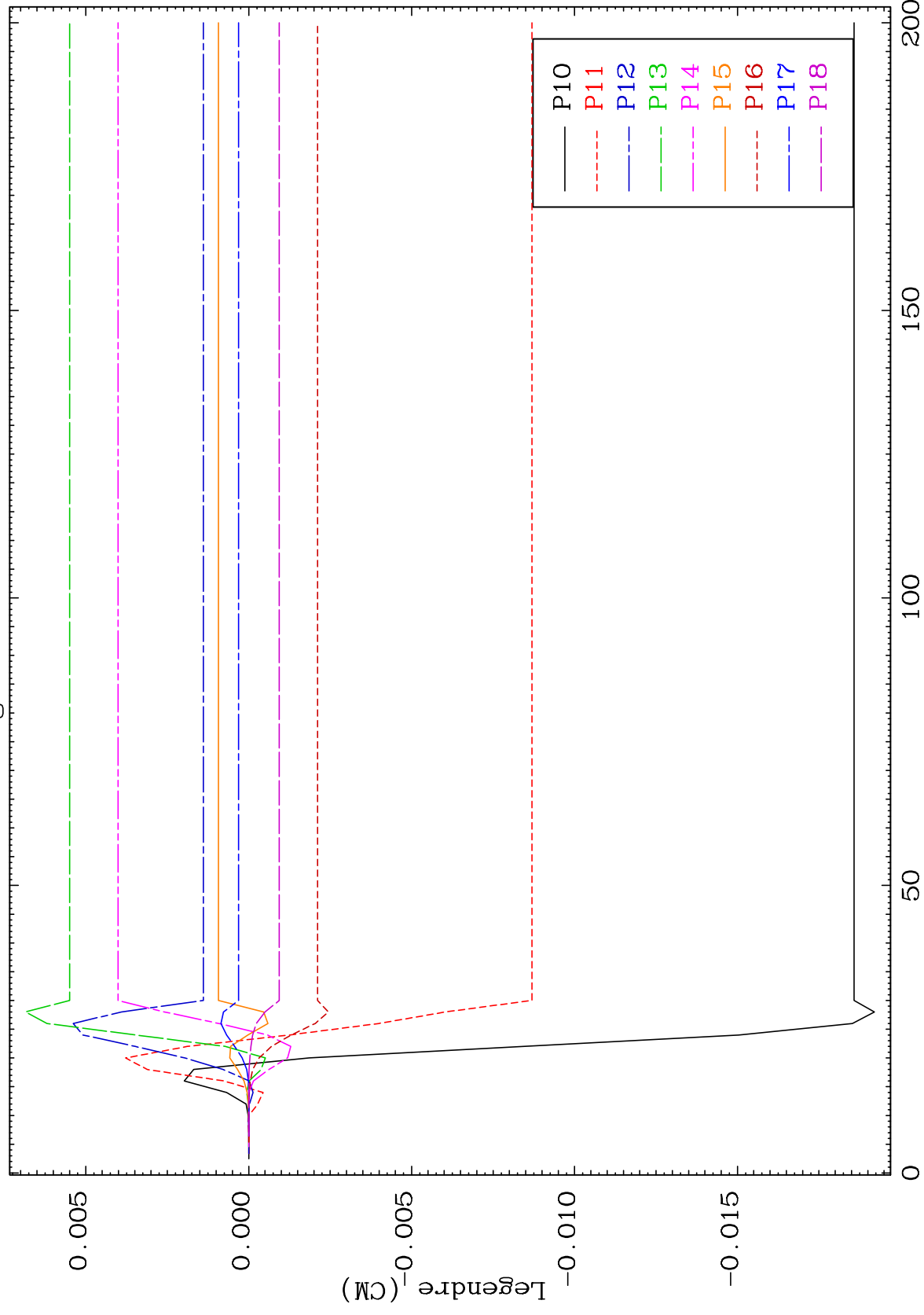
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



98

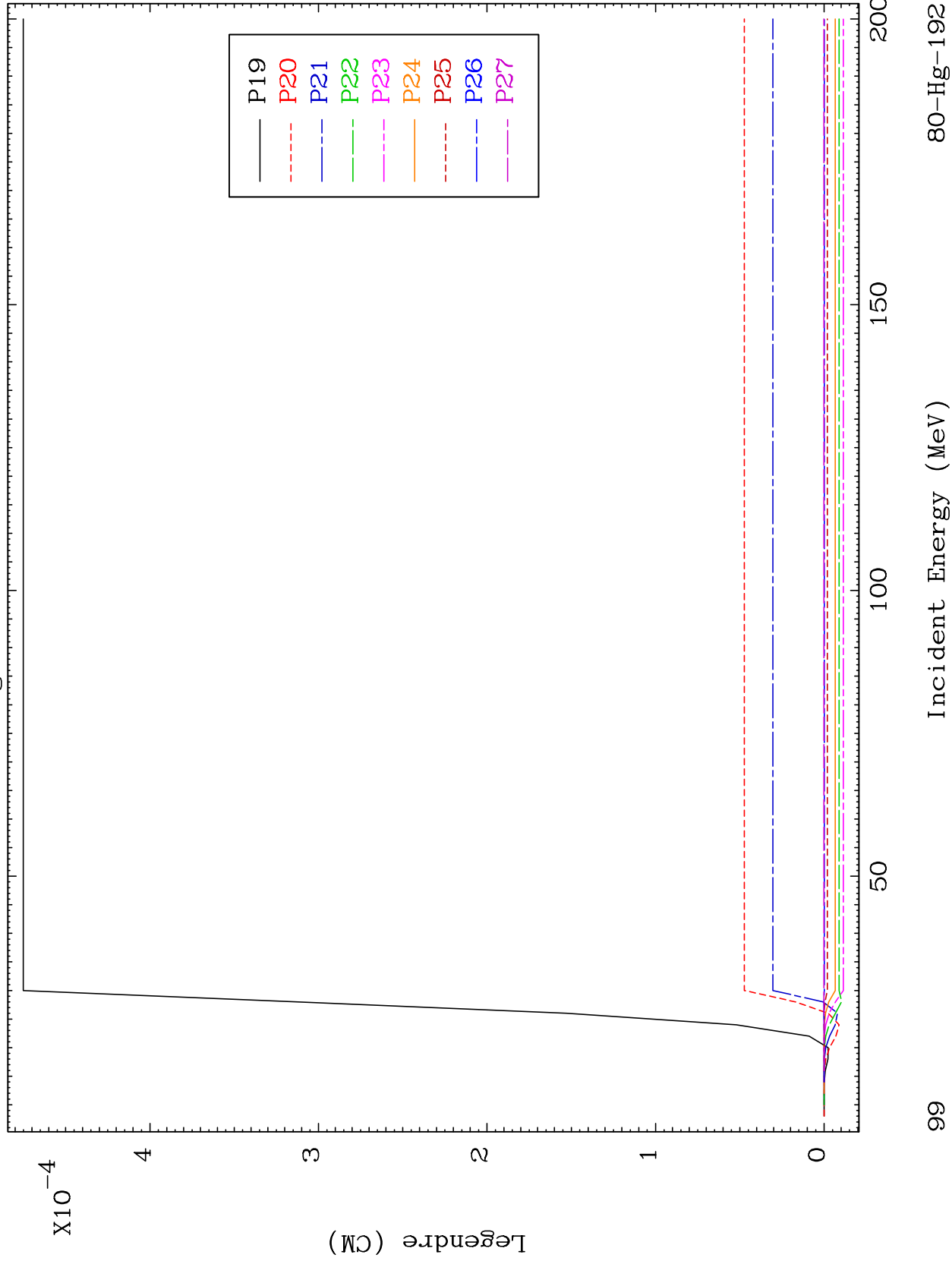
Incident Energy (MeV)

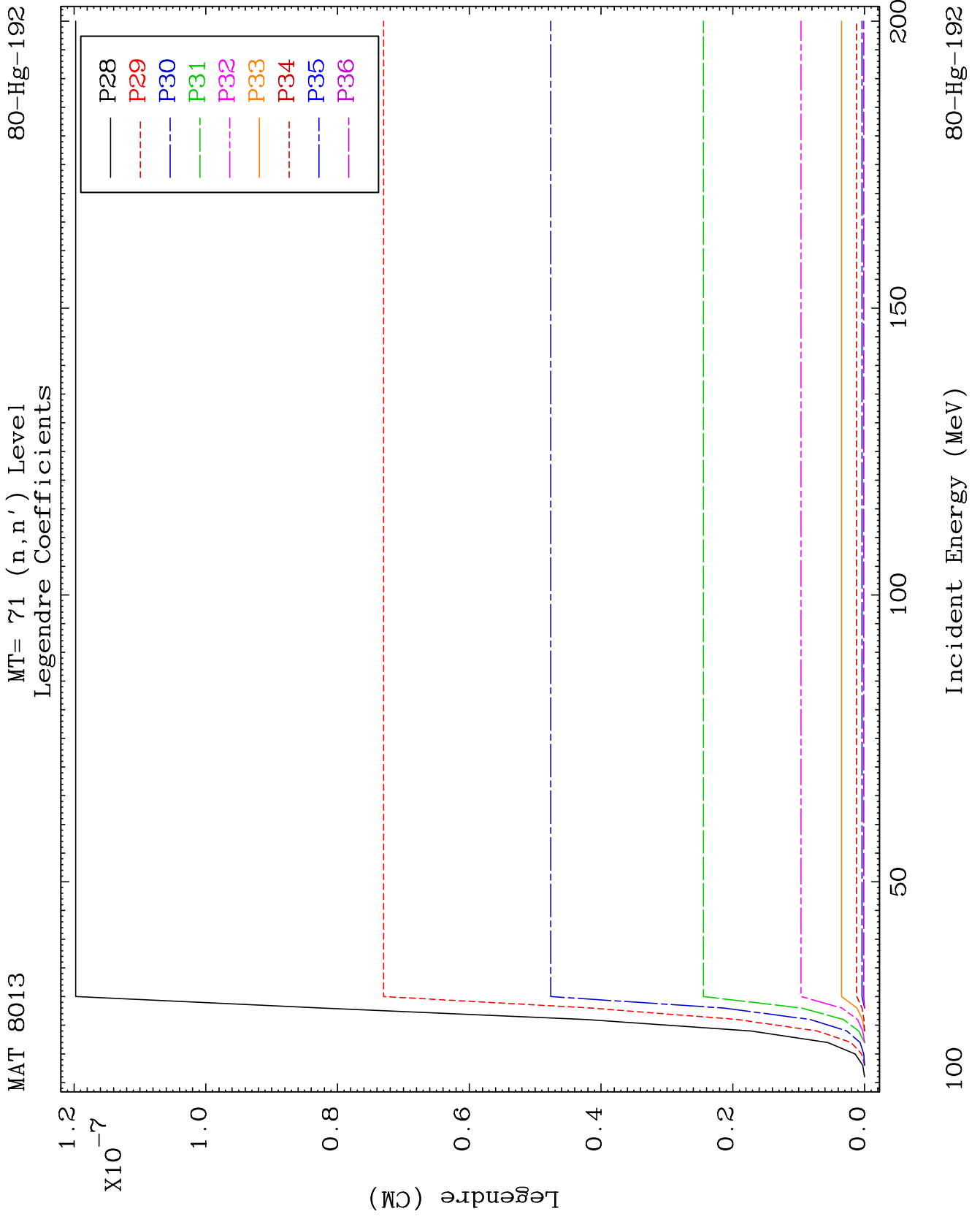
80-Hg-192

MAT 8013

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

80-Hg-192

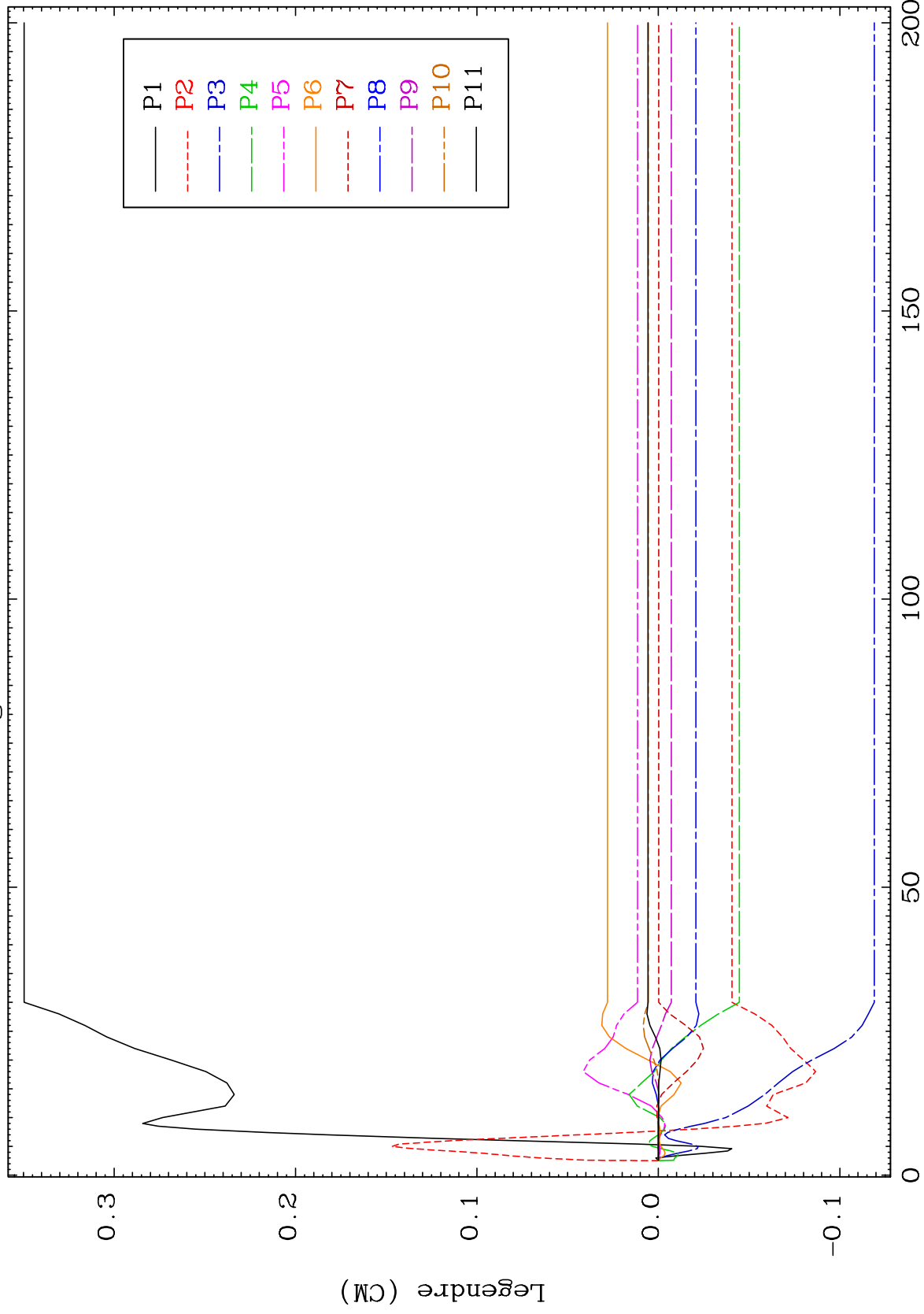




MAT 8013

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

80-Hg-192



101

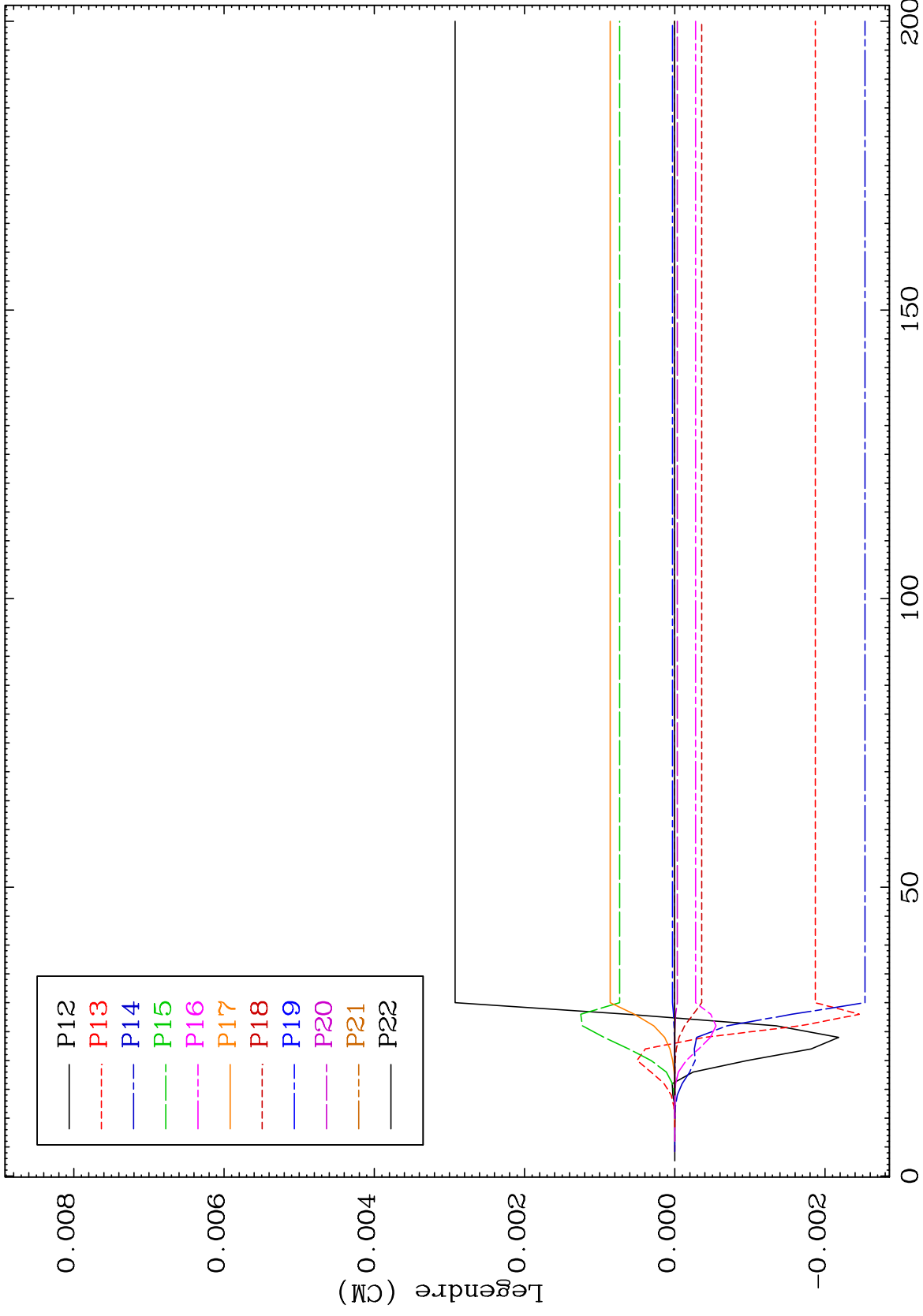
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



102

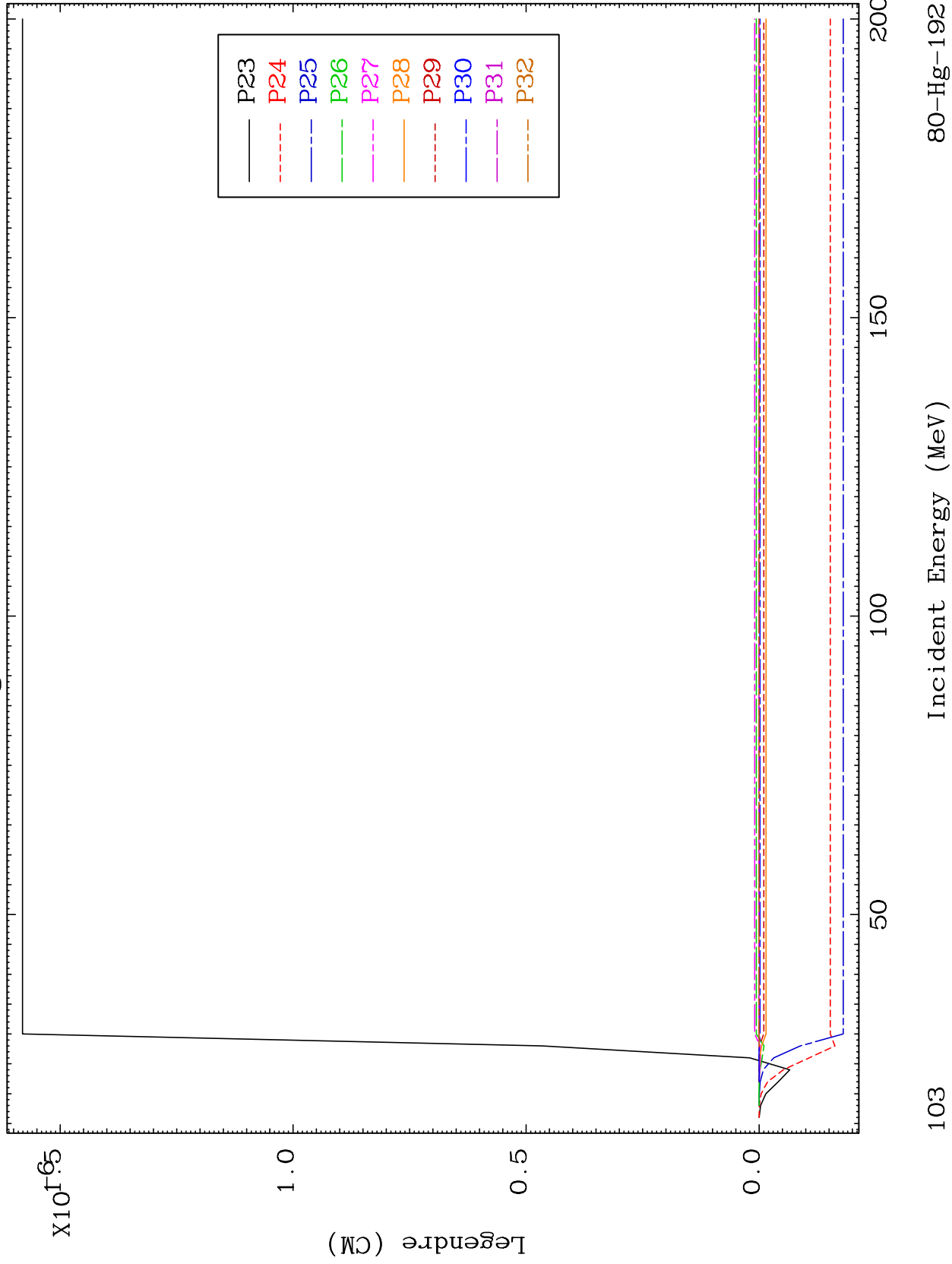
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

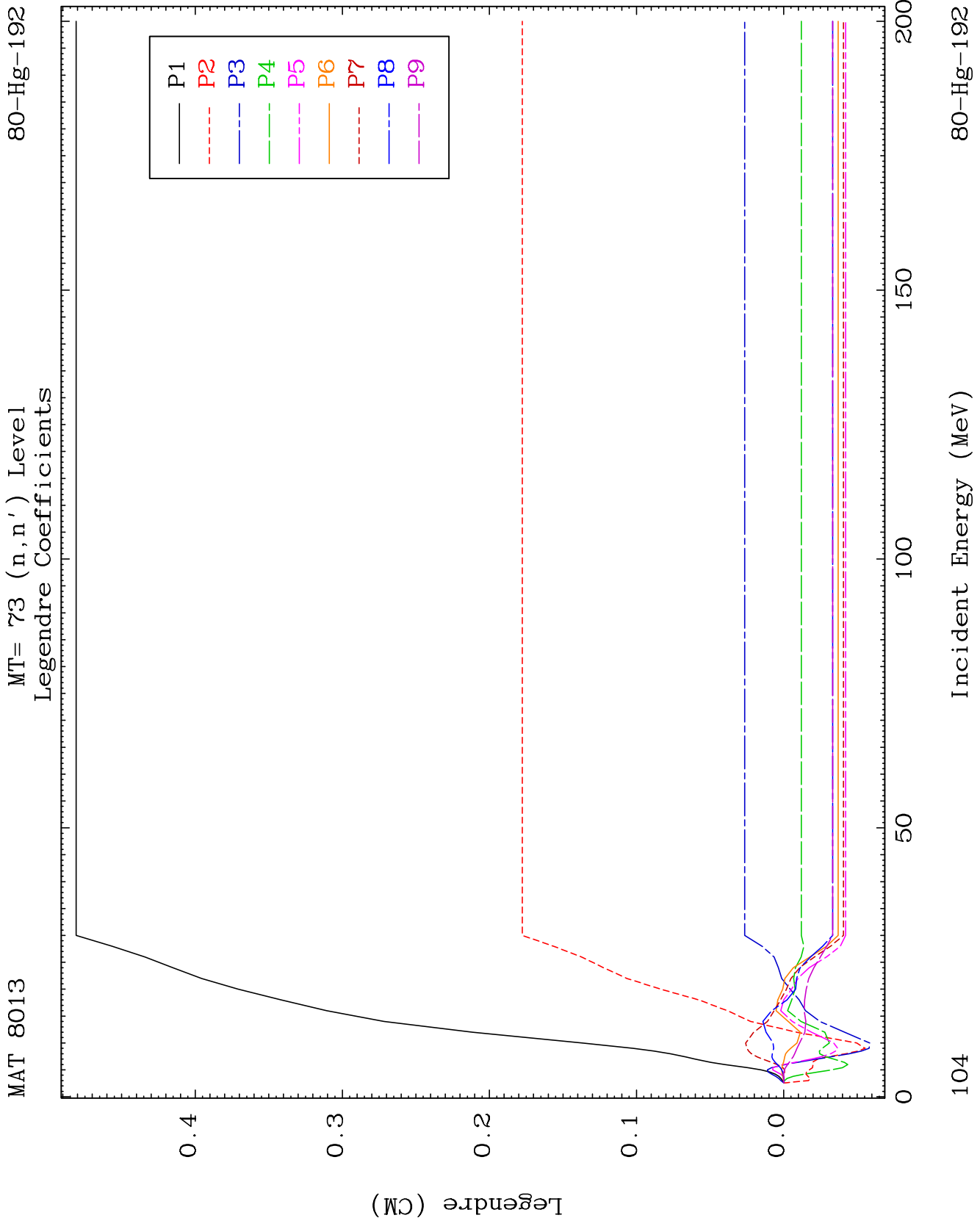
80-Hg-192



103

Incident Energy (MeV)

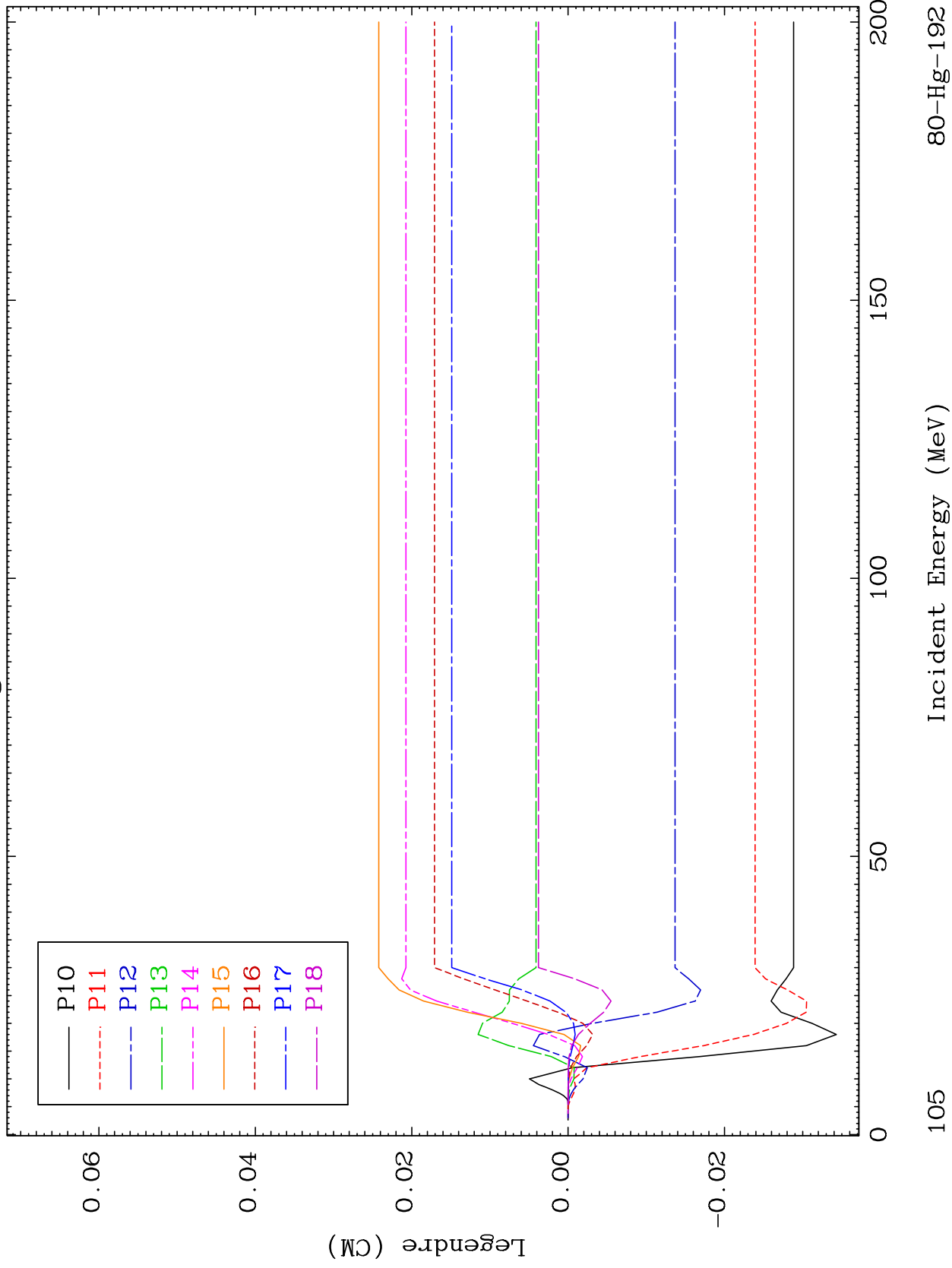
80-Hg-192



MAT 8013

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

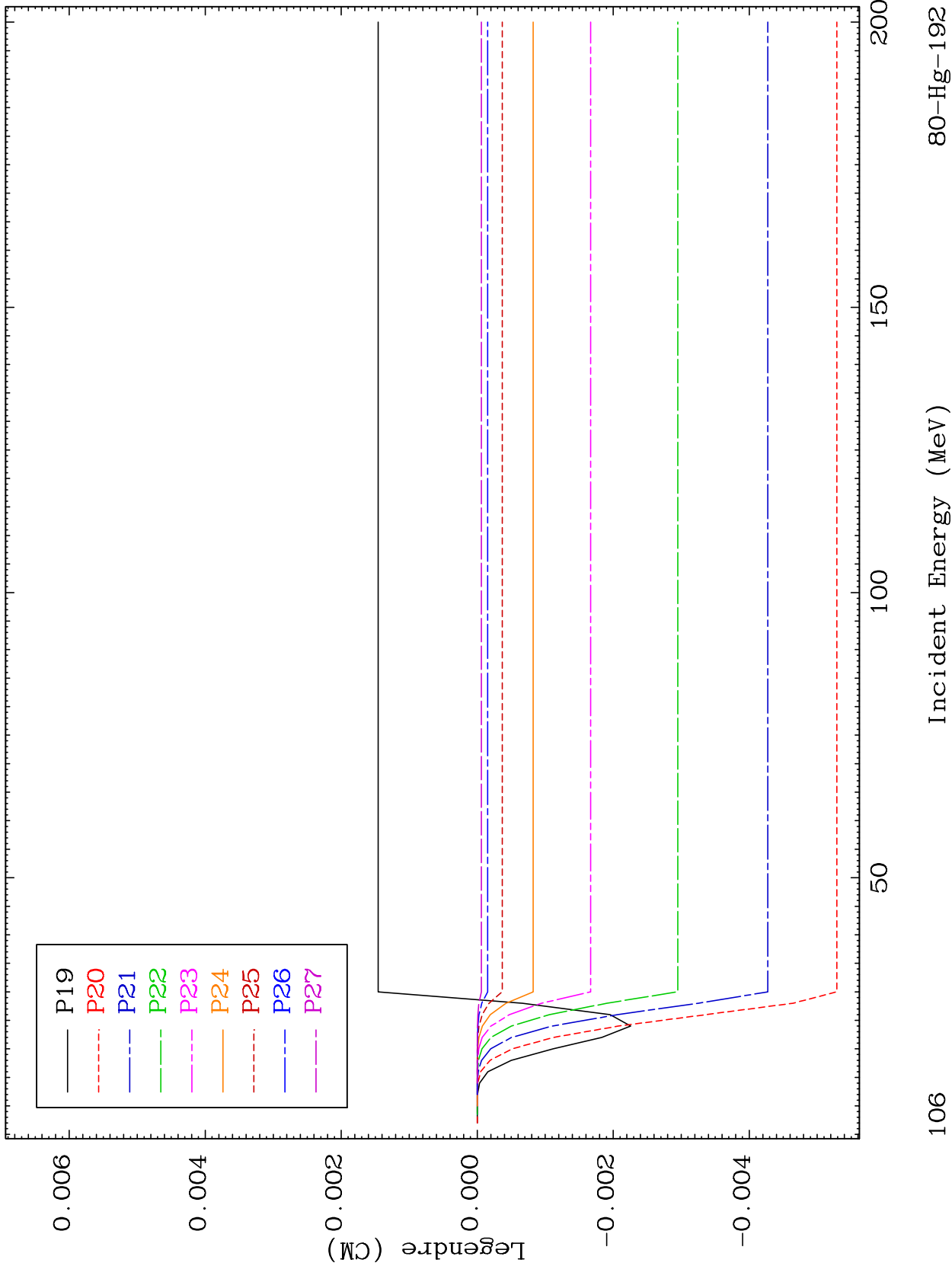
80-Hg-192



MAT 8013

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

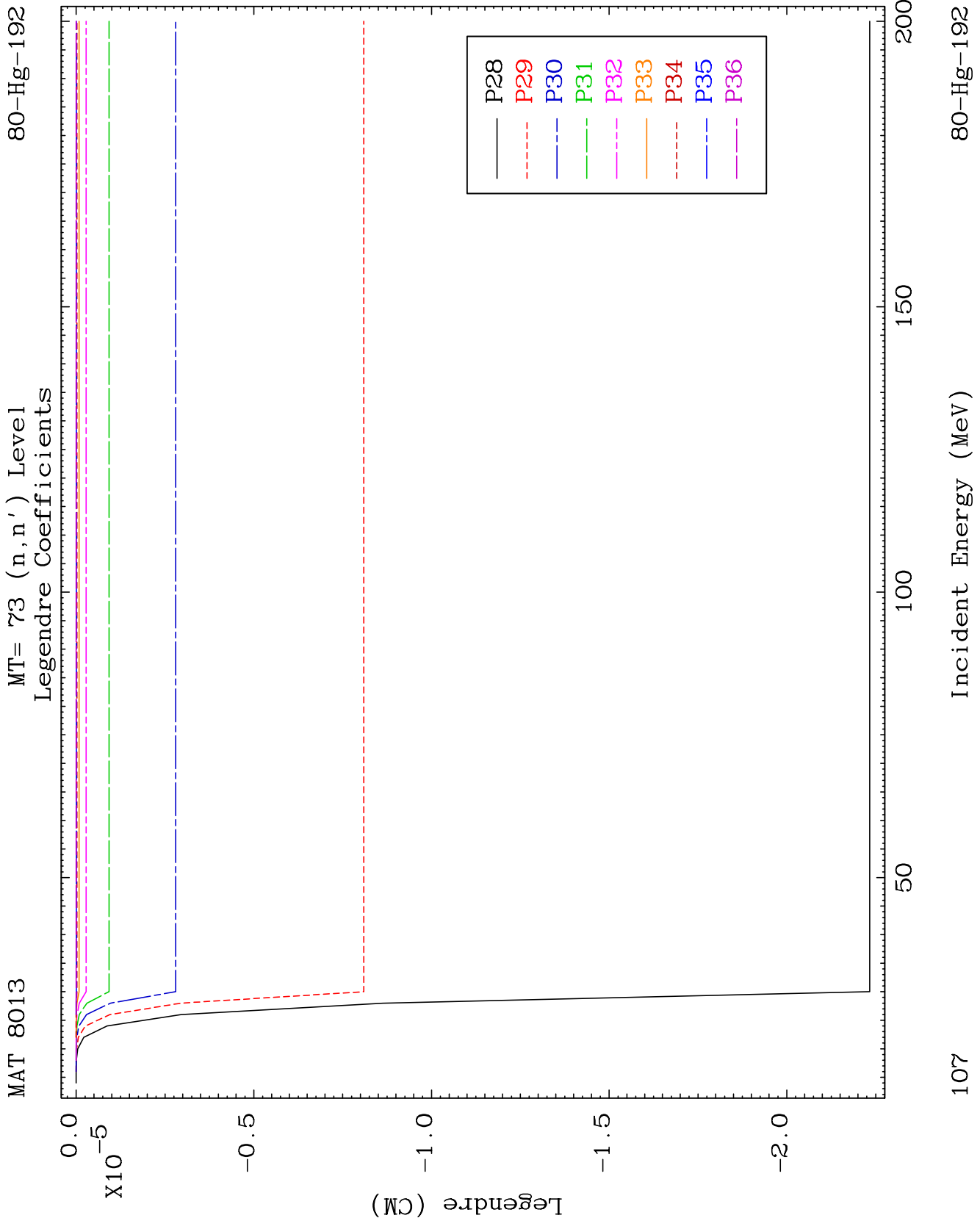
80-Hg-192



106

Incident Energy (MeV)

80-Hg-192

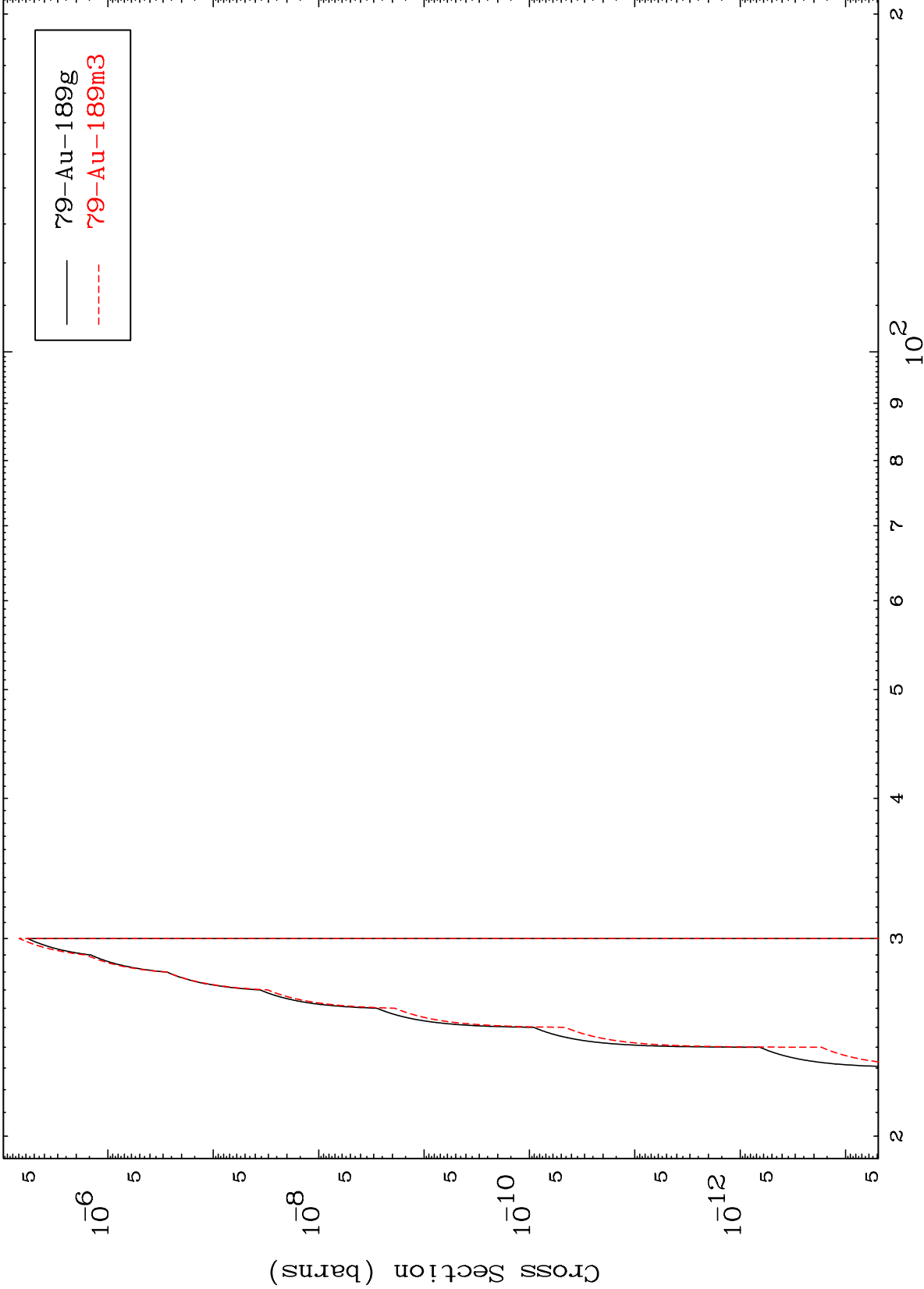


MAT 8013

(n,2n) d

80-Hg-192

Radionuclide Production Cross Section



108

Incident Energy (MeV)

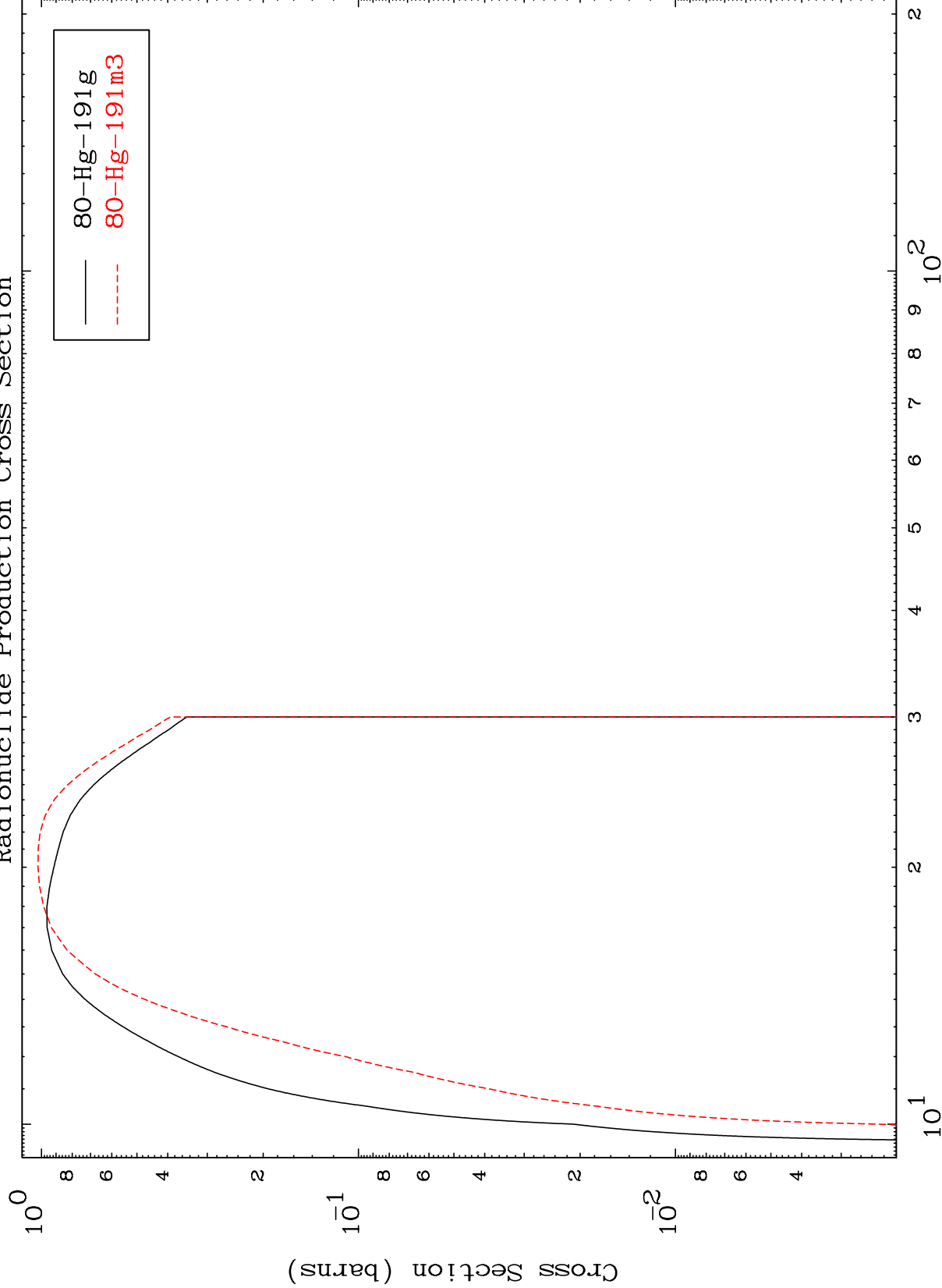
80-Hg-192

MAT 8013

(n,2n)

80-Hg-192

Radionuclide Production Cross Section



80-Hg-191 g
80-Hg-191 m3

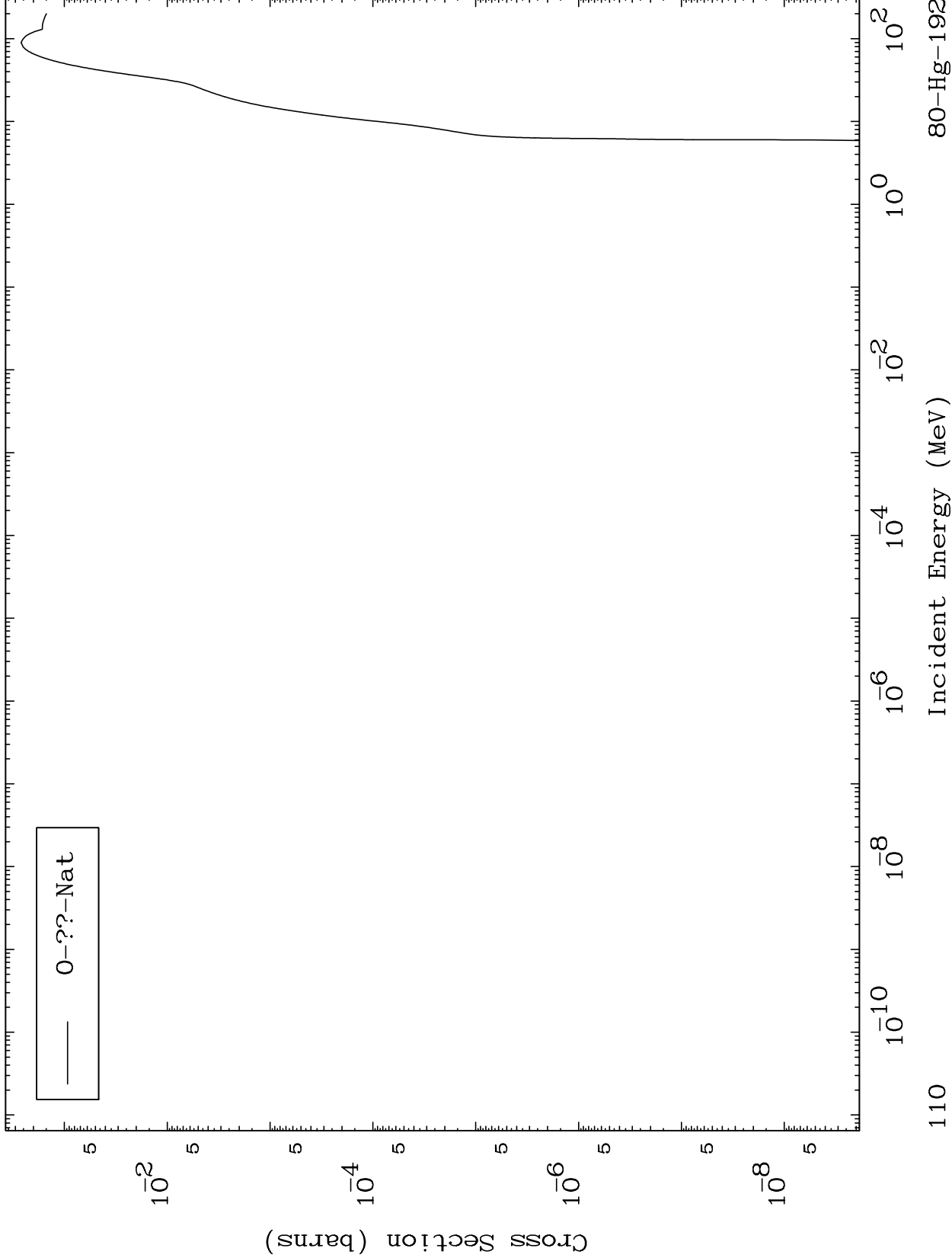
Incident Energy (MeV)

80-Hg-192

MAT 8013

Fission
Radionuclide Production Cross Section

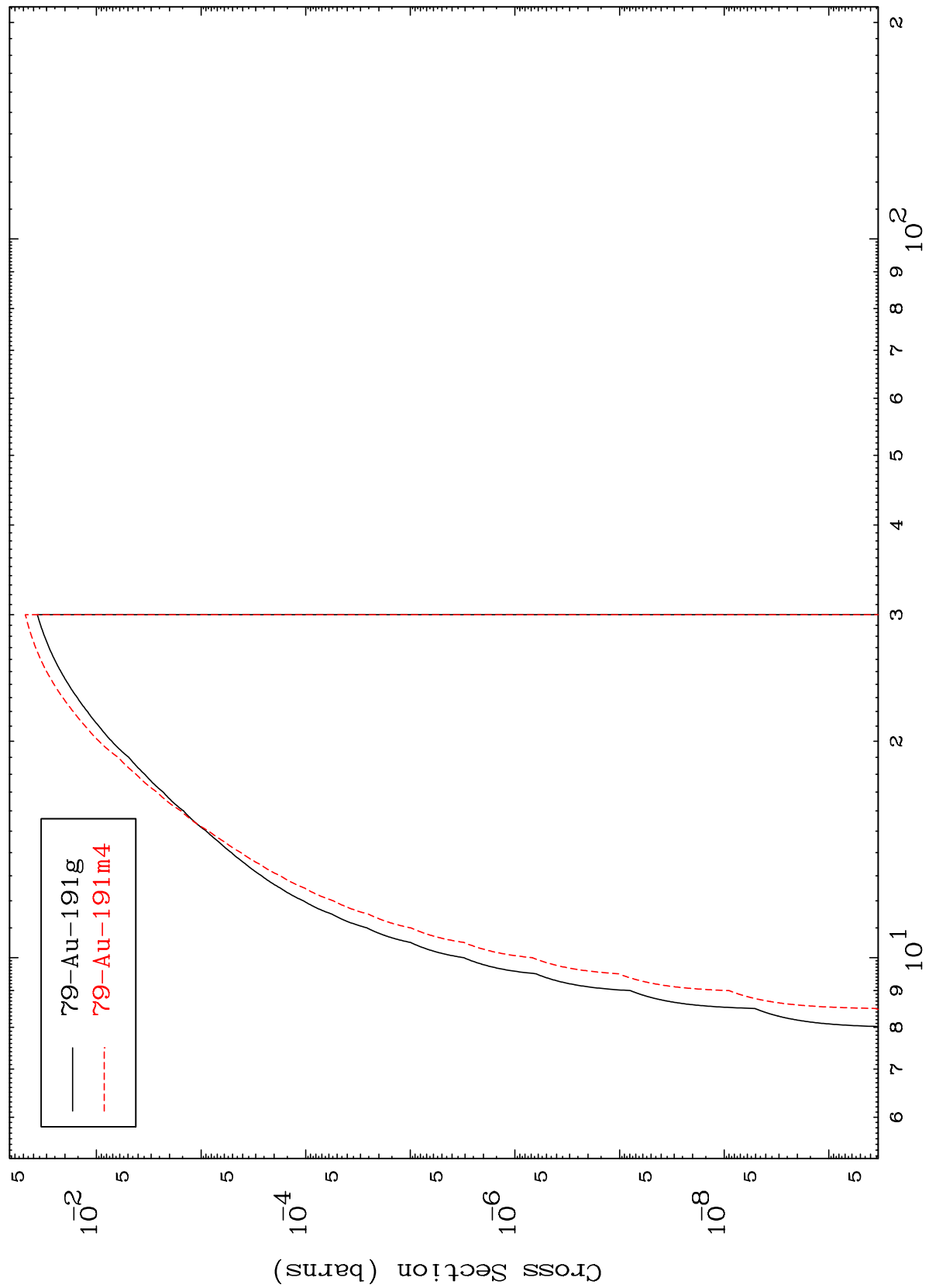
80-Hg-192



MAT 8013

80-Hg-192

(n,n') p
Radionuclide Production Cross Section



111

Incident Energy (MeV)

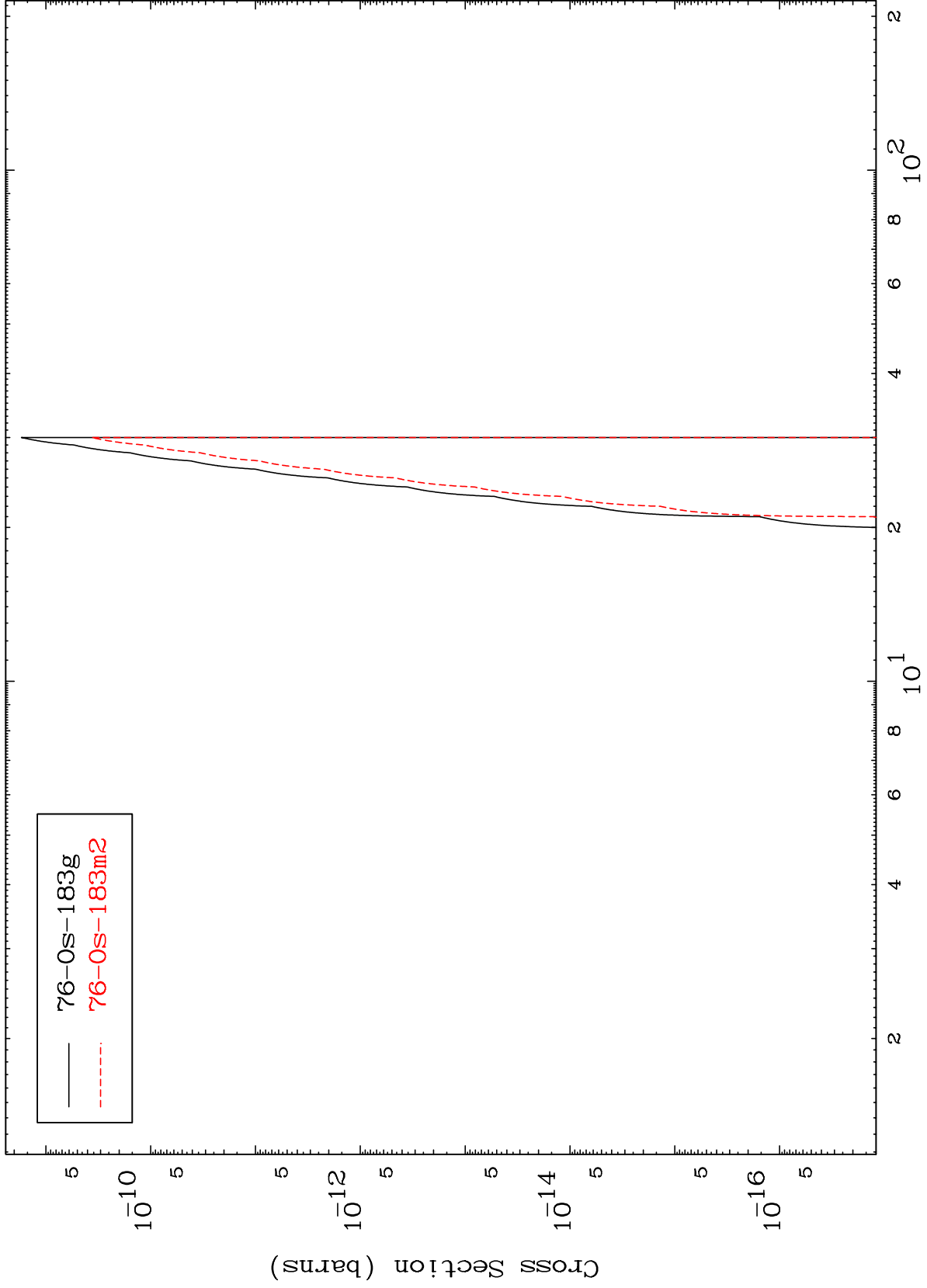
80-Hg-192

MAT 8013

$(n,2n) 2\alpha$

$^{80}\text{Hg-192}$

Radionuclide Production Cross Section

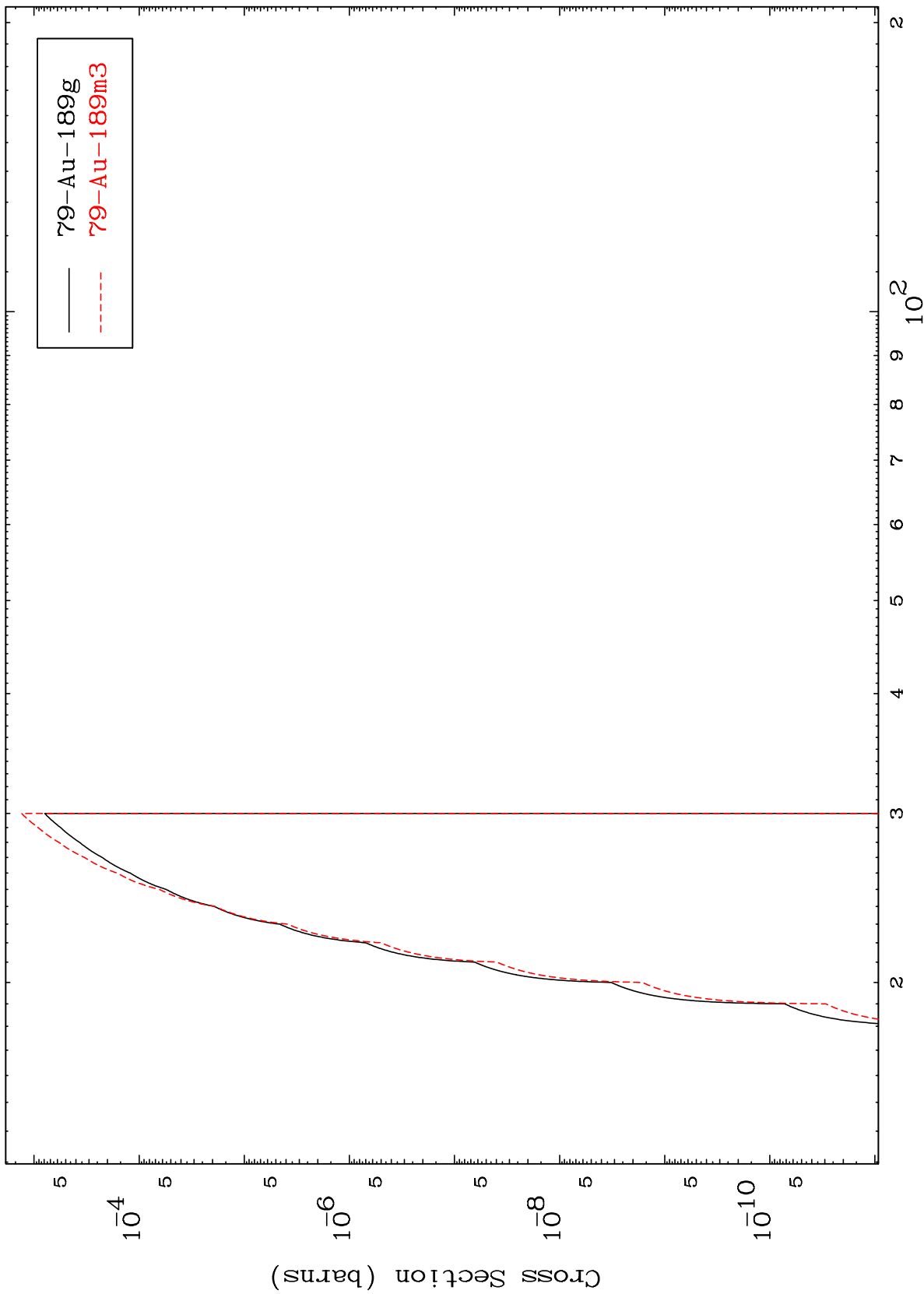


MAT 8013

(n,n') t

80-Hg-192

Radionuclide Production Cross Section



113

Incident Energy (MeV)

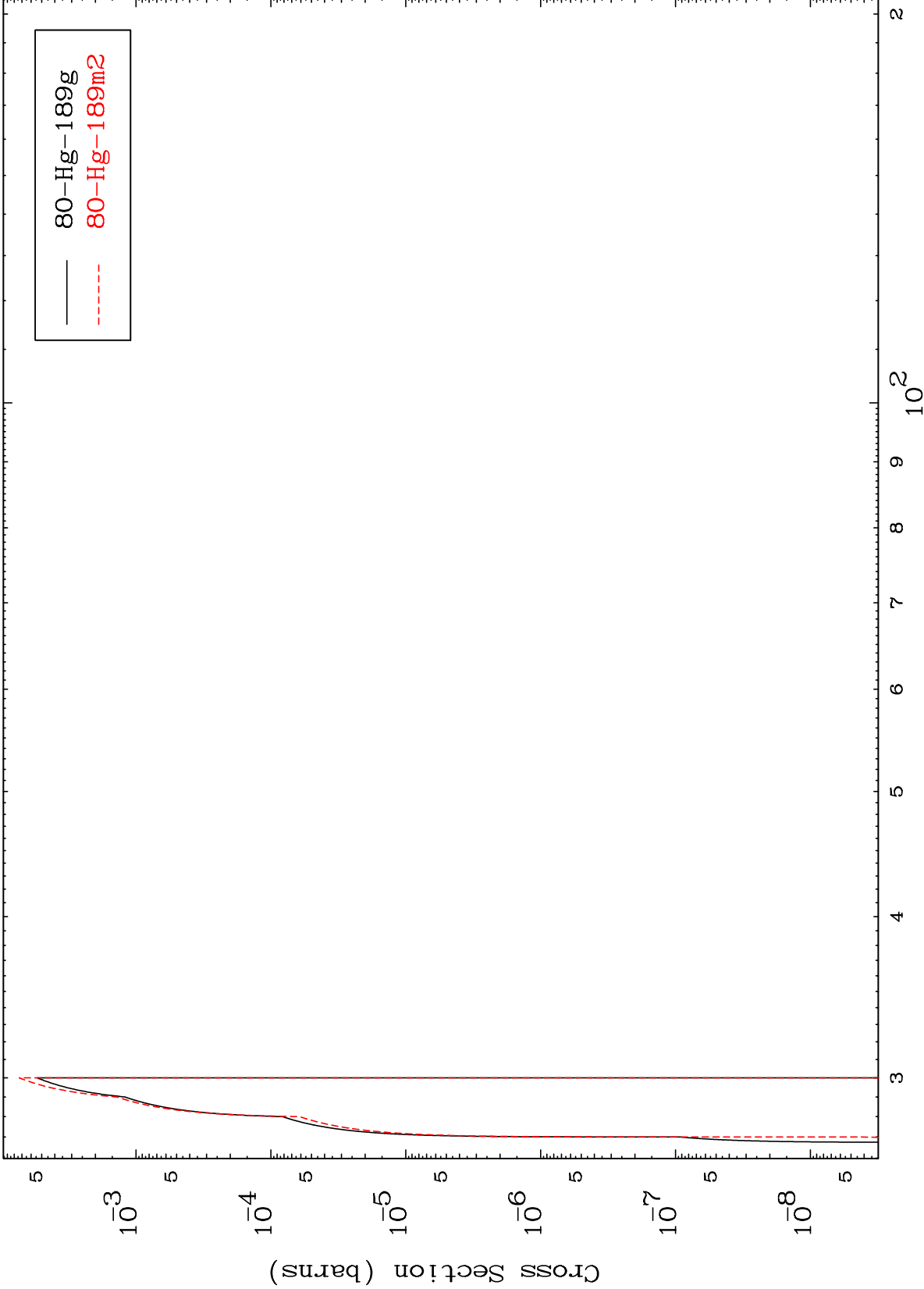
80-Hg-192

MAT 8013

(n,4n)

80-Hg-192

Radionuclide Production Cross Section



80-Hg-189g
80-Hg-189m2

114

Incident Energy (MeV)

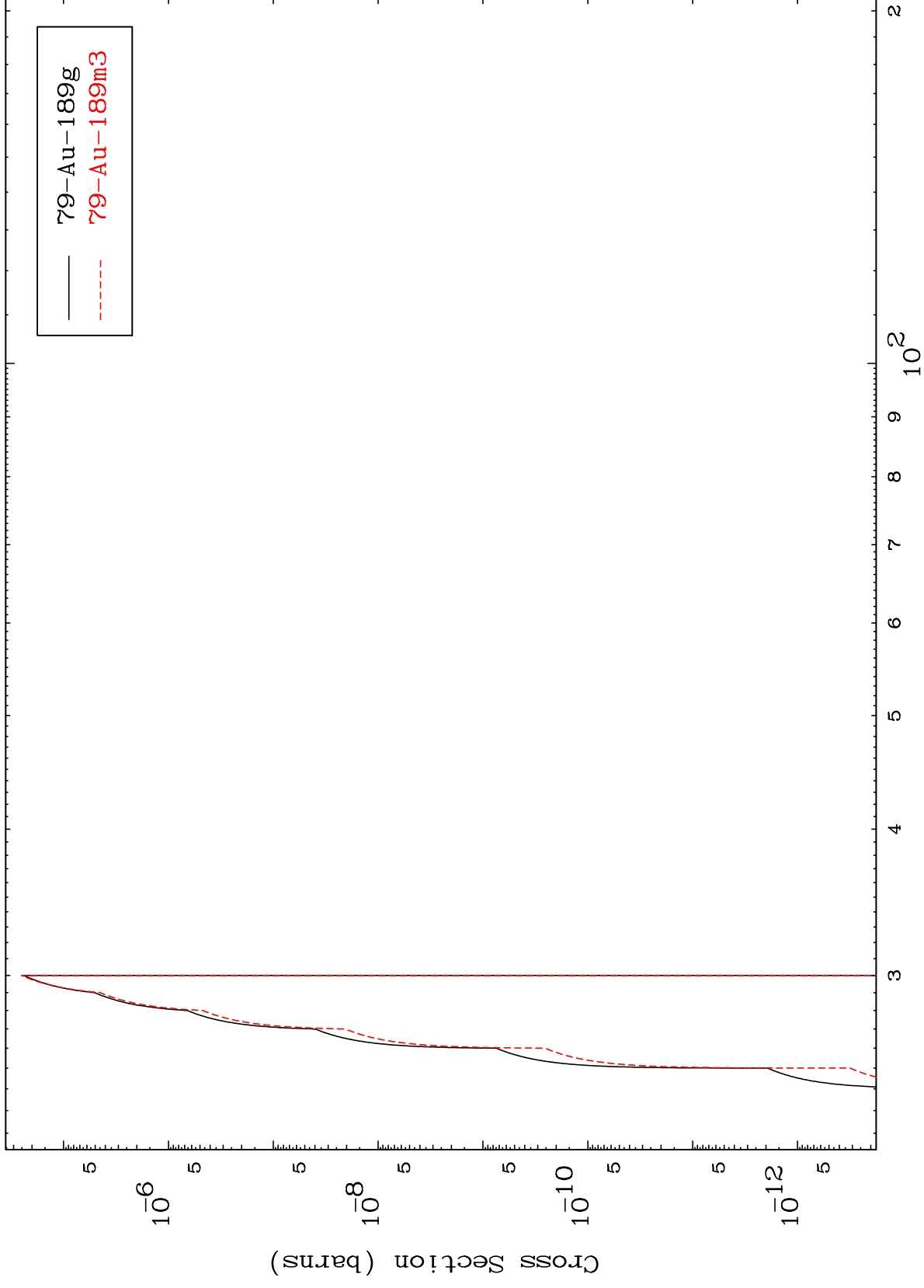
80-Hg-192

MAT 8013

(n,3n) p

80-Hg-192

Radionuclide Production Cross Section



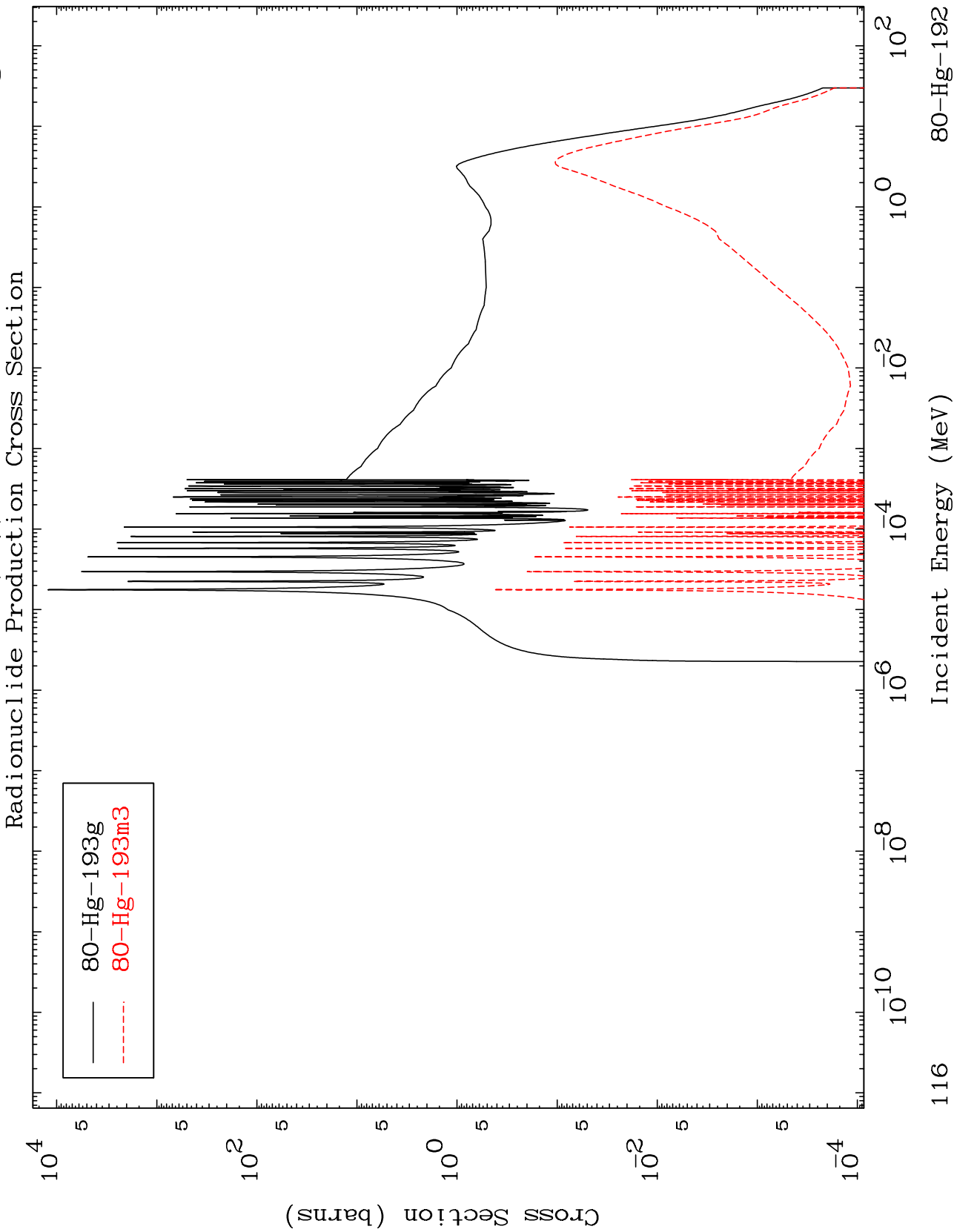
115

Incident Energy (MeV)

80-Hg-192

MAT 8013

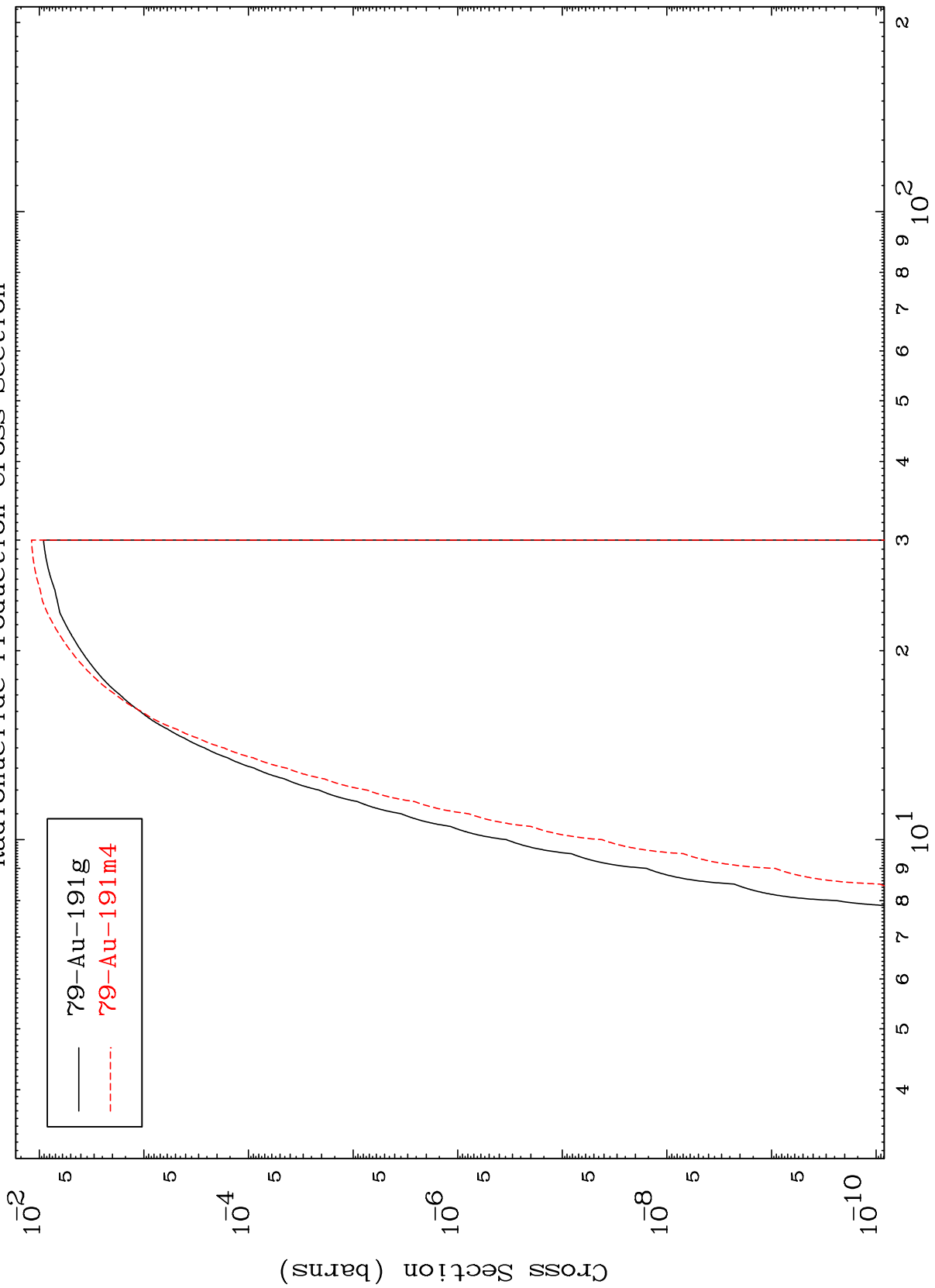
80-Hg-192



MAT 8013

80-Hg-192

(n, d)
Radionuclide Production Cross Section



117

Incident Energy (MeV)

80-Hg-192