

Program EVALPLOT
(Version 2018-1)

by

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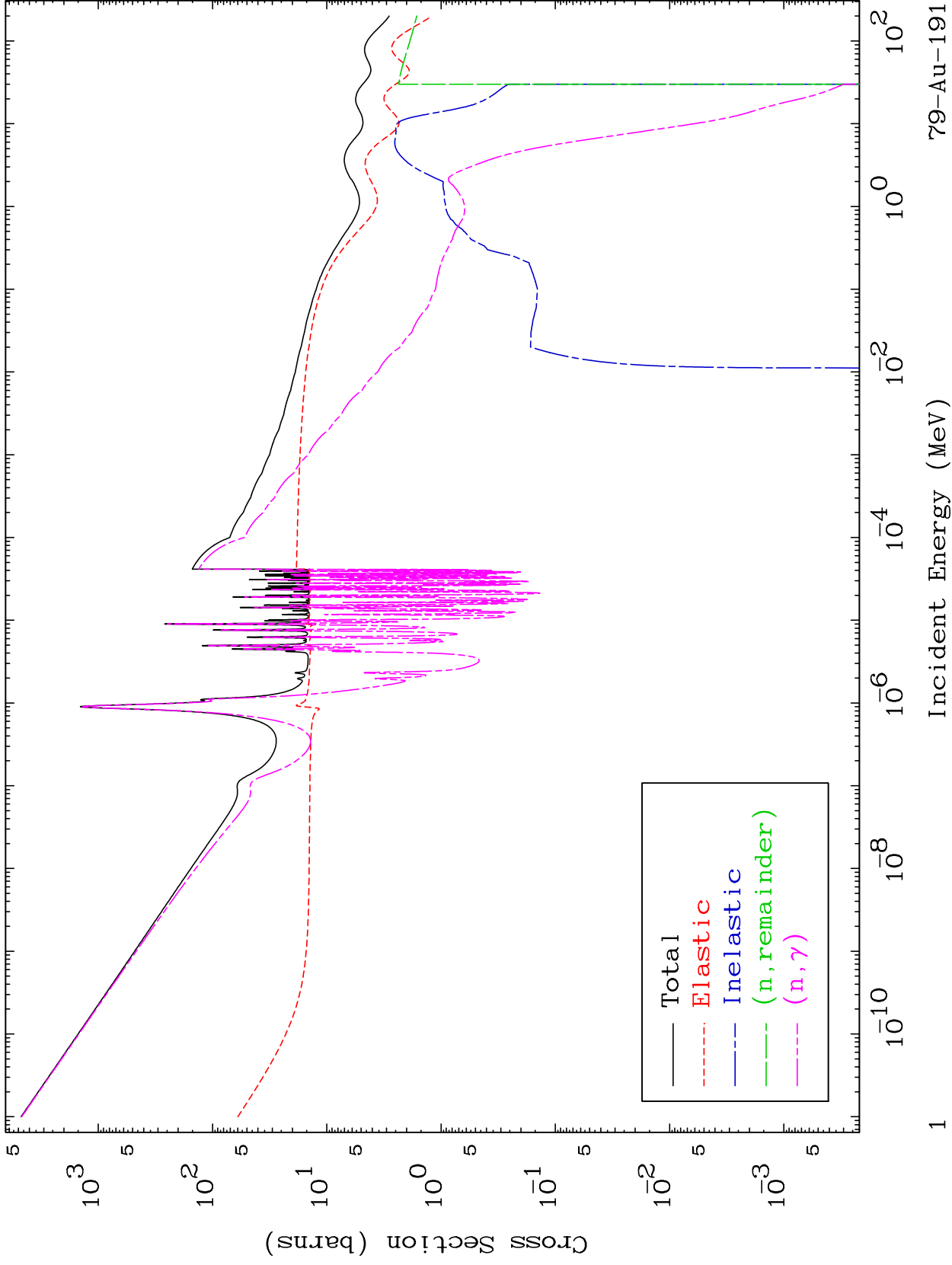
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7907

Major
293 Kelvin Cross Sections

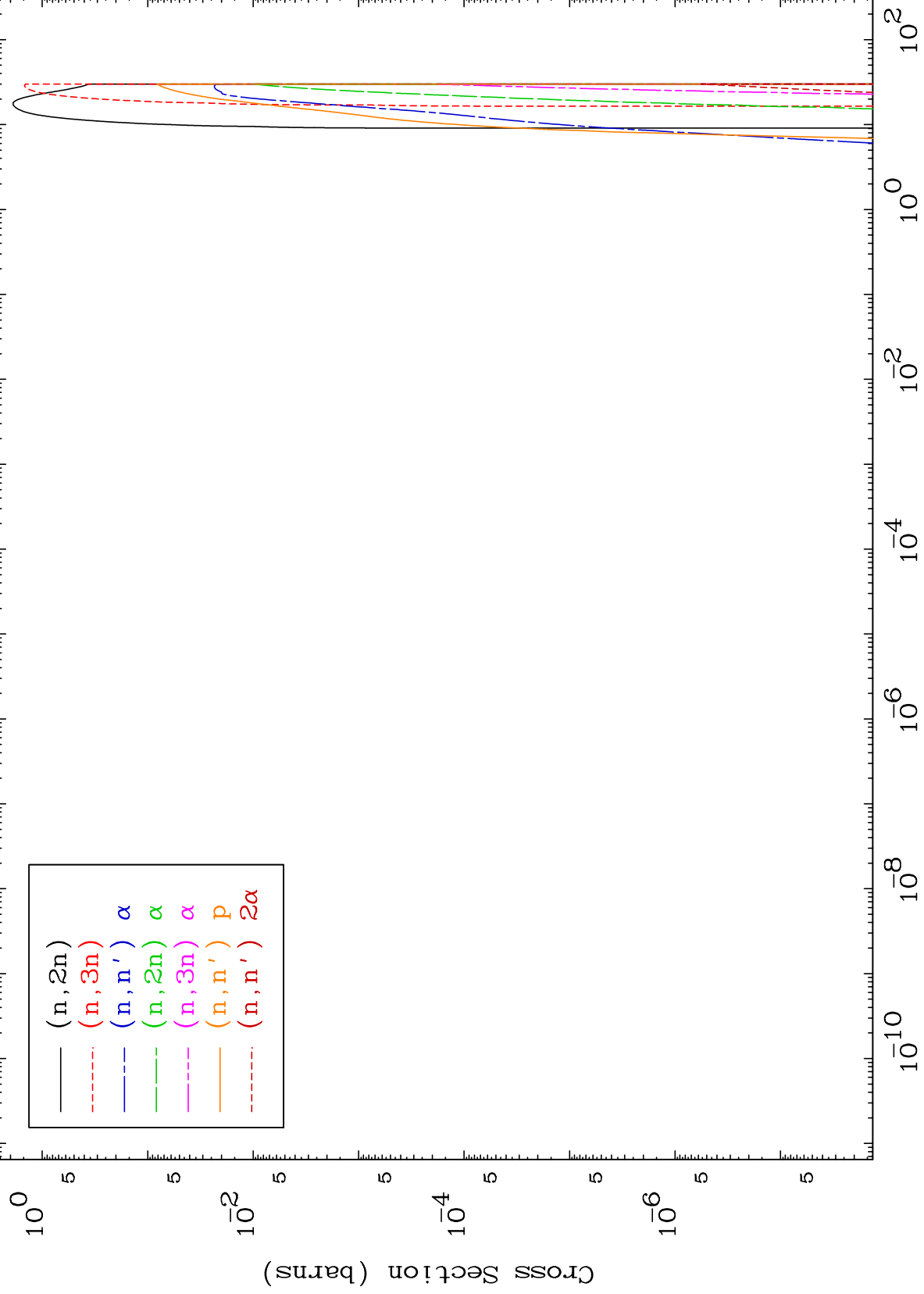
79-Au-191



MAT 7907

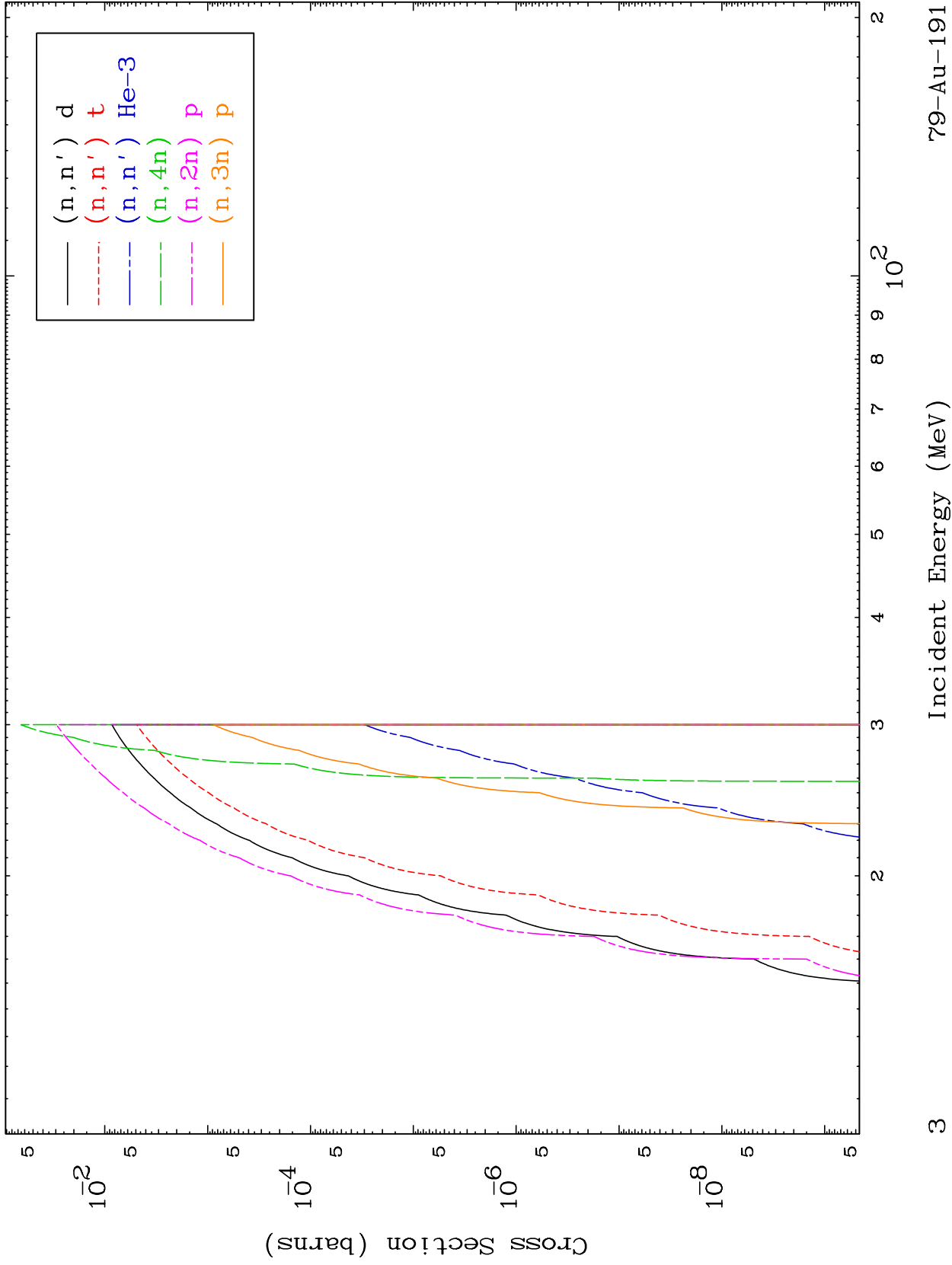
Neutron Production
293 Kelvin Cross Sections

79-Au-191



79-Au-191

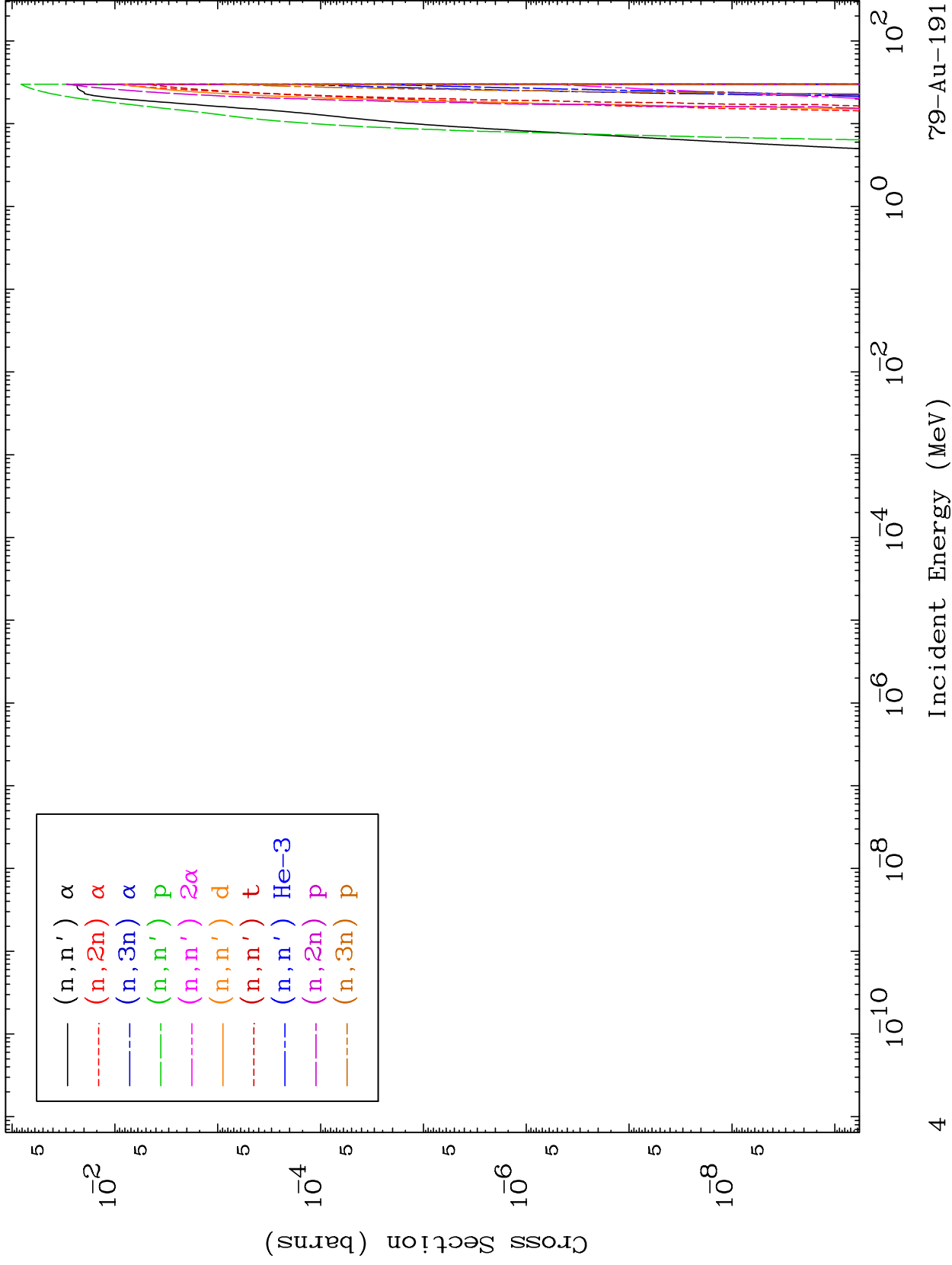
Incident Energy (MeV)



MAT 7907

Charged Particle
293 Kelvin Cross Sections

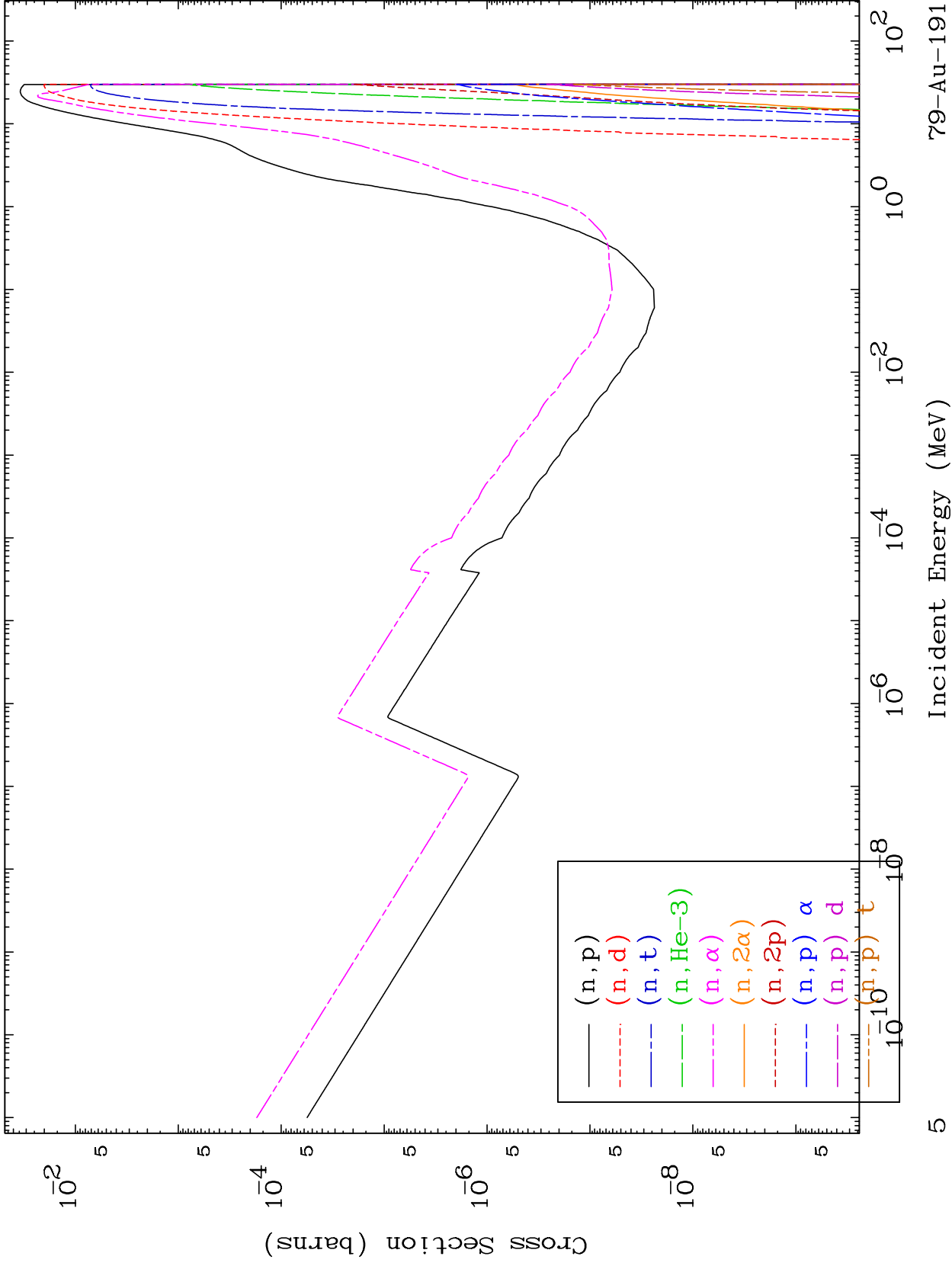
79-Au-191



MAT 7907

Charged Particle
293 Kelvin Cross Sections

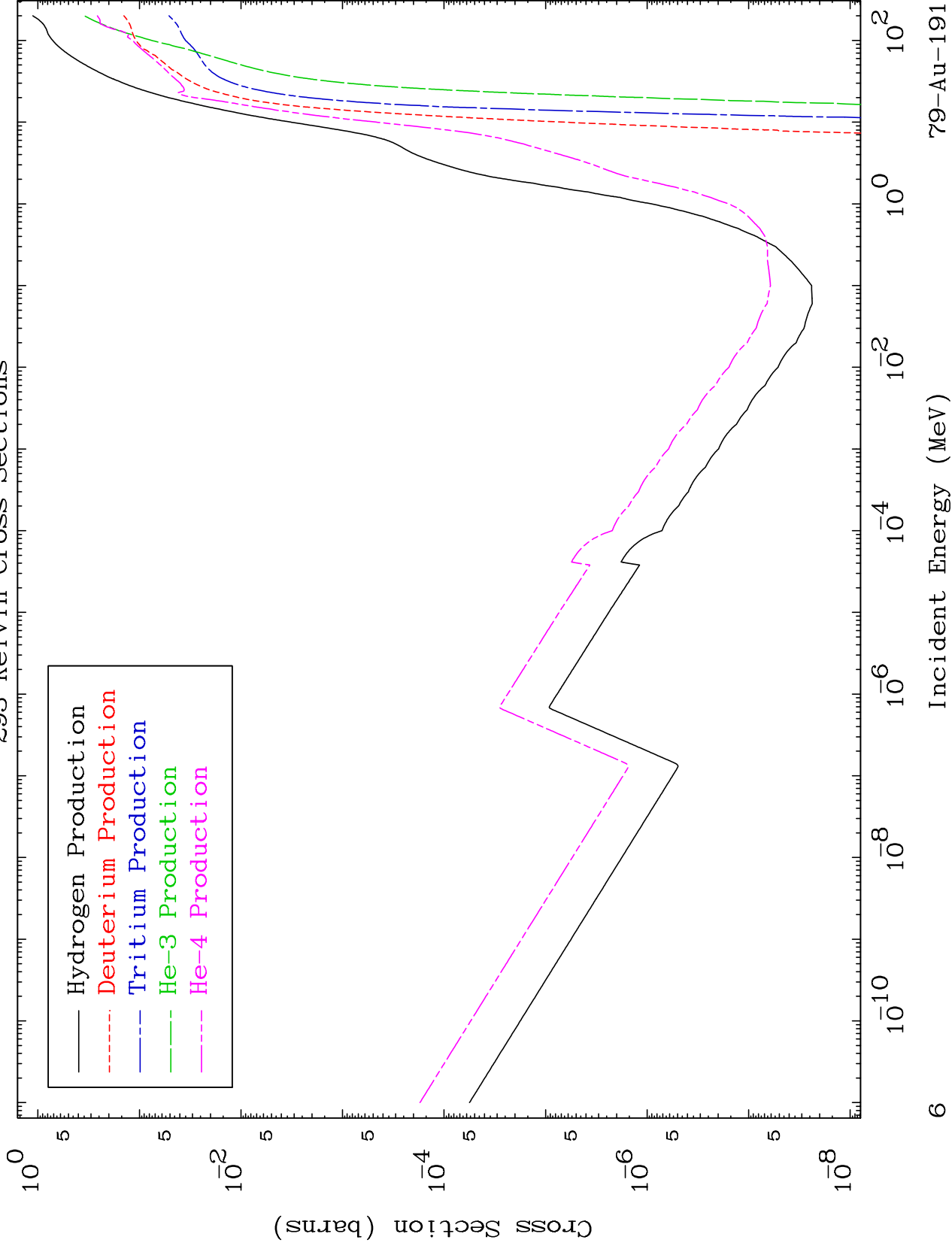
79-Au-191



MAT 7907

Particle Production
293 Kelvin Cross Sections

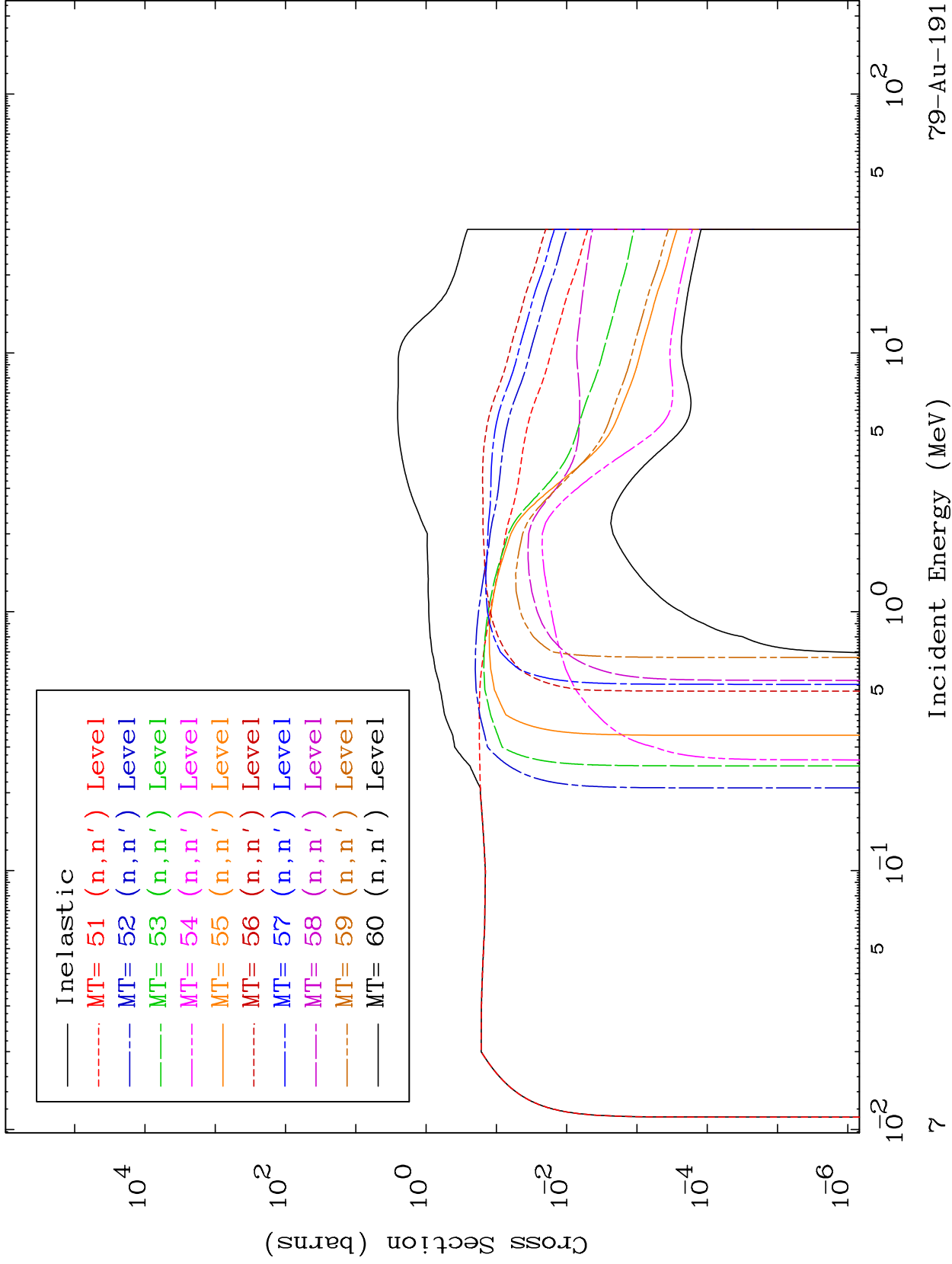
79-Au-191



MAT 7907

(n,n') Level
293 Kelvin Cross Sections

79-Au-191



79-Au-191

Incident Energy (MeV)

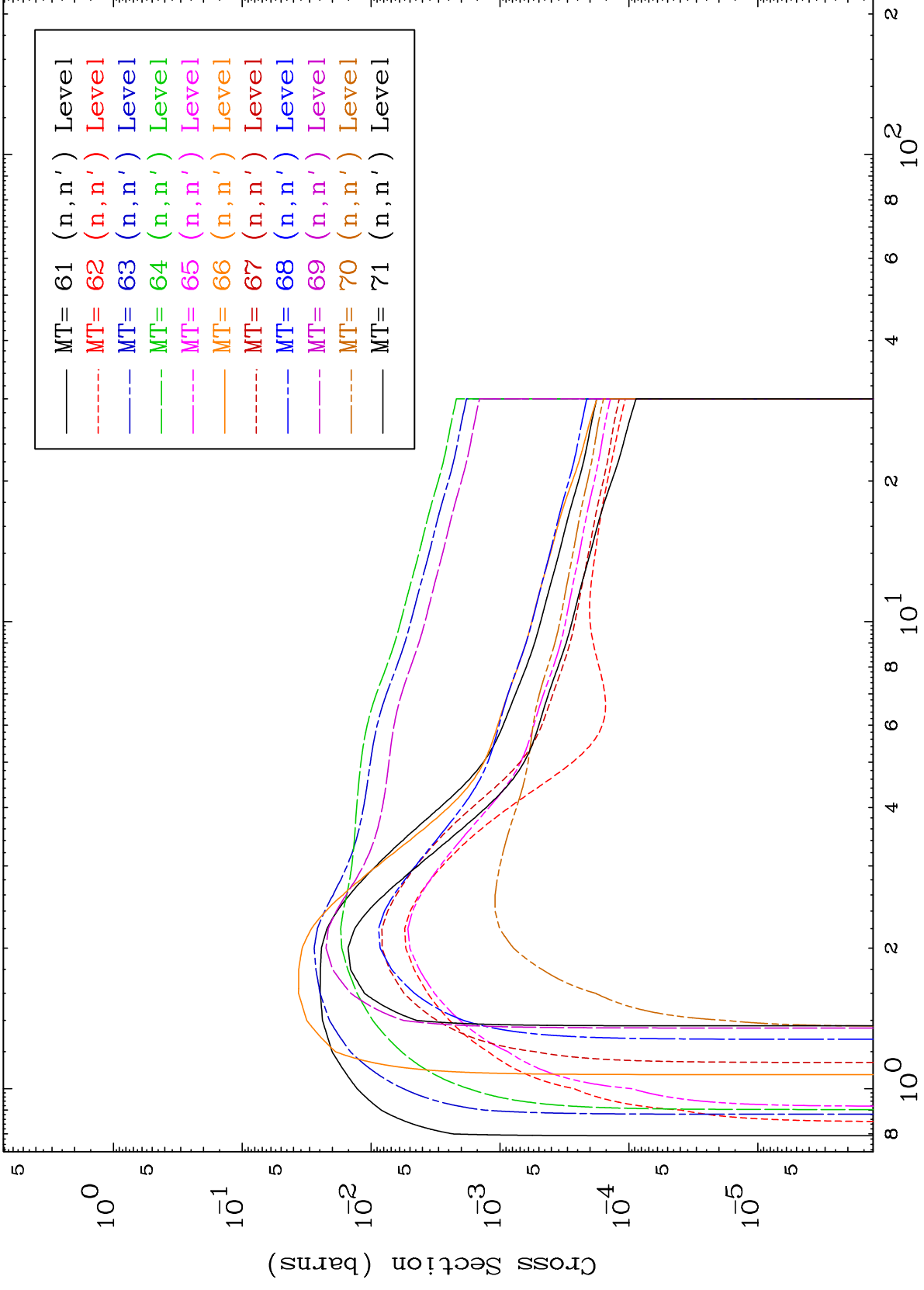
7

MAT 7907

(n,n') Level

79-Au-191

293 Kelvin Cross Sections

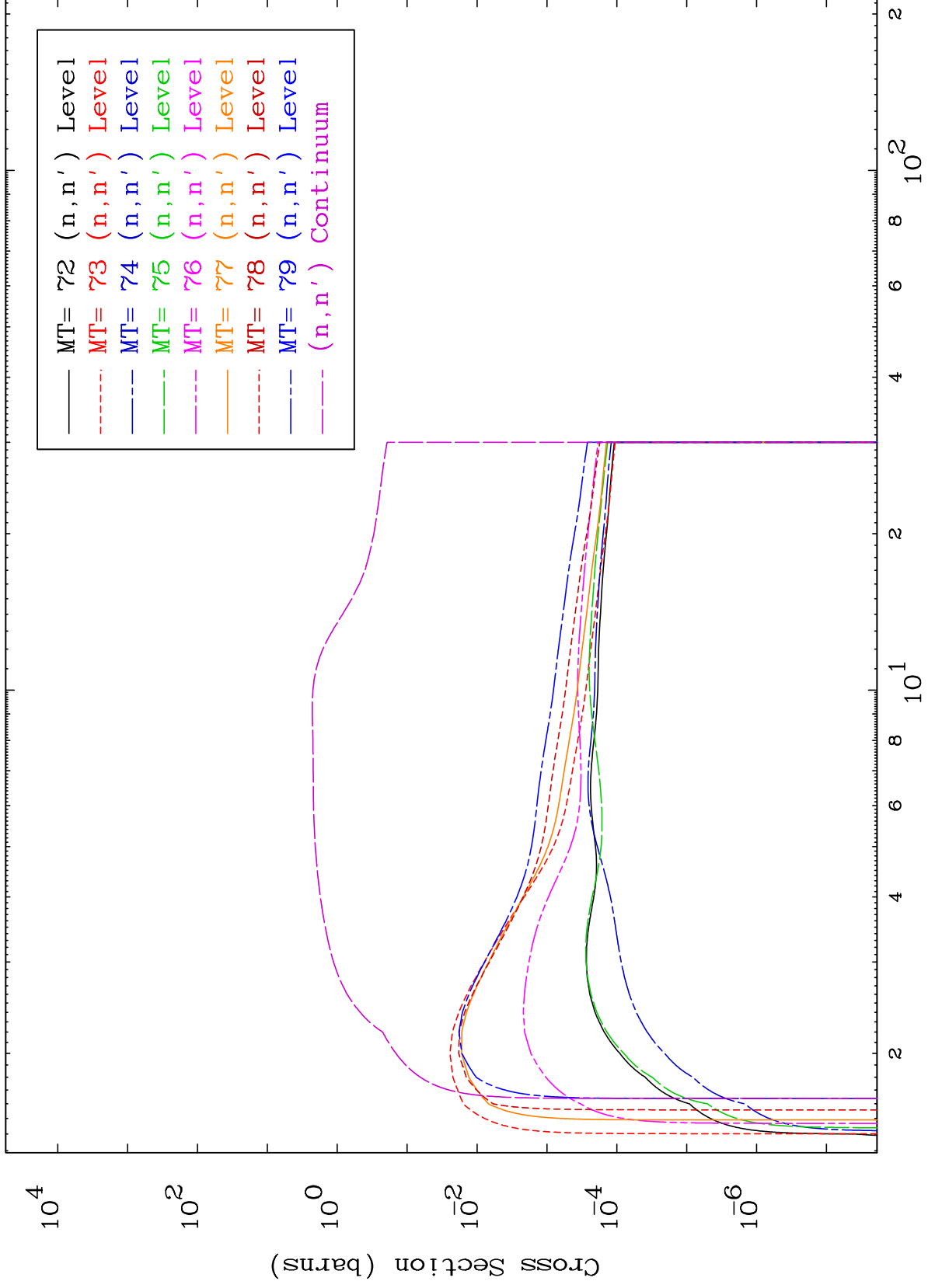


8

Incident Energy (MeV)

79-Au-191

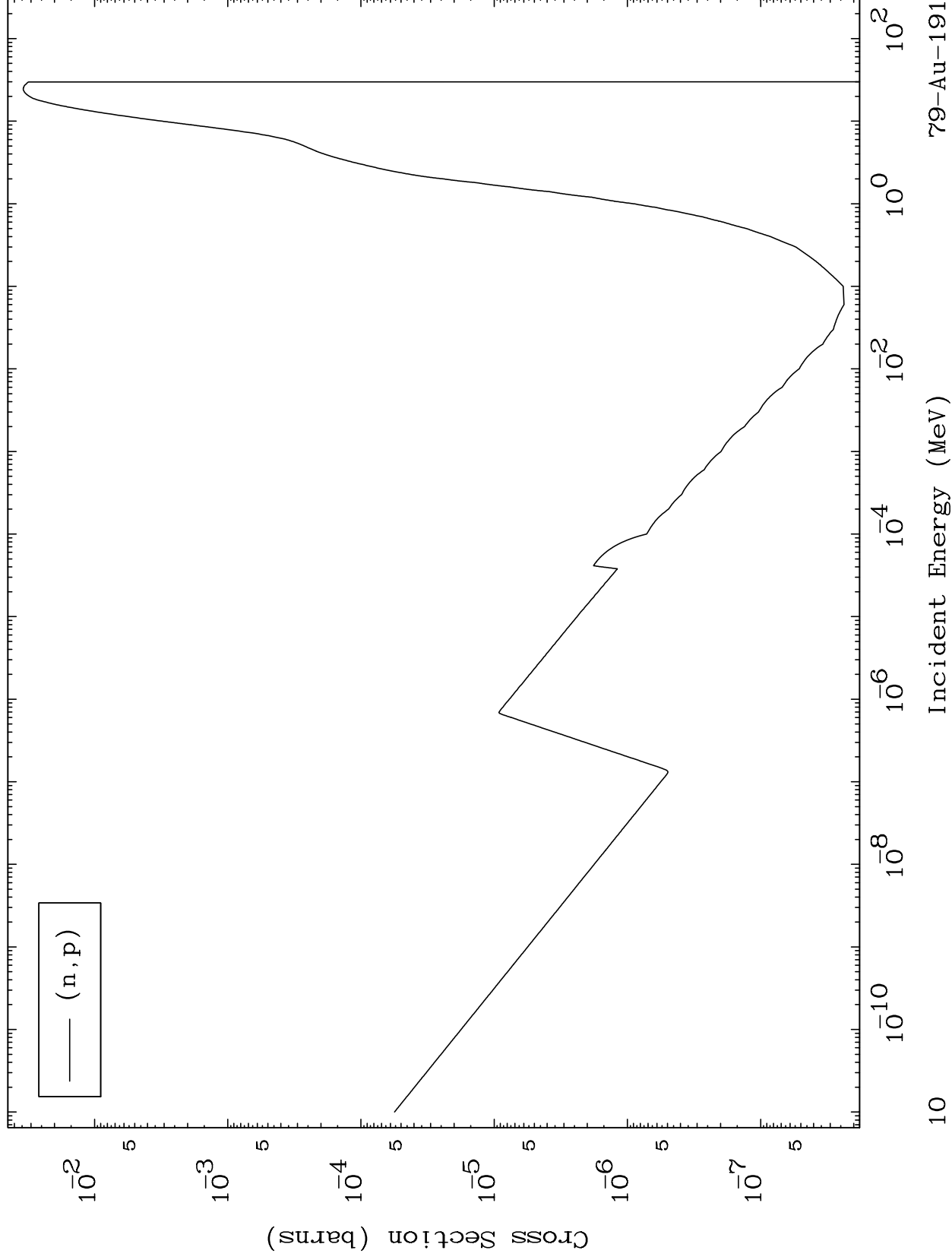
293 Kelvin Cross Sections



MAT 7907

(n,p) Levels
293 Kelvin Cross Sections

79-Au-191



79-Au-191

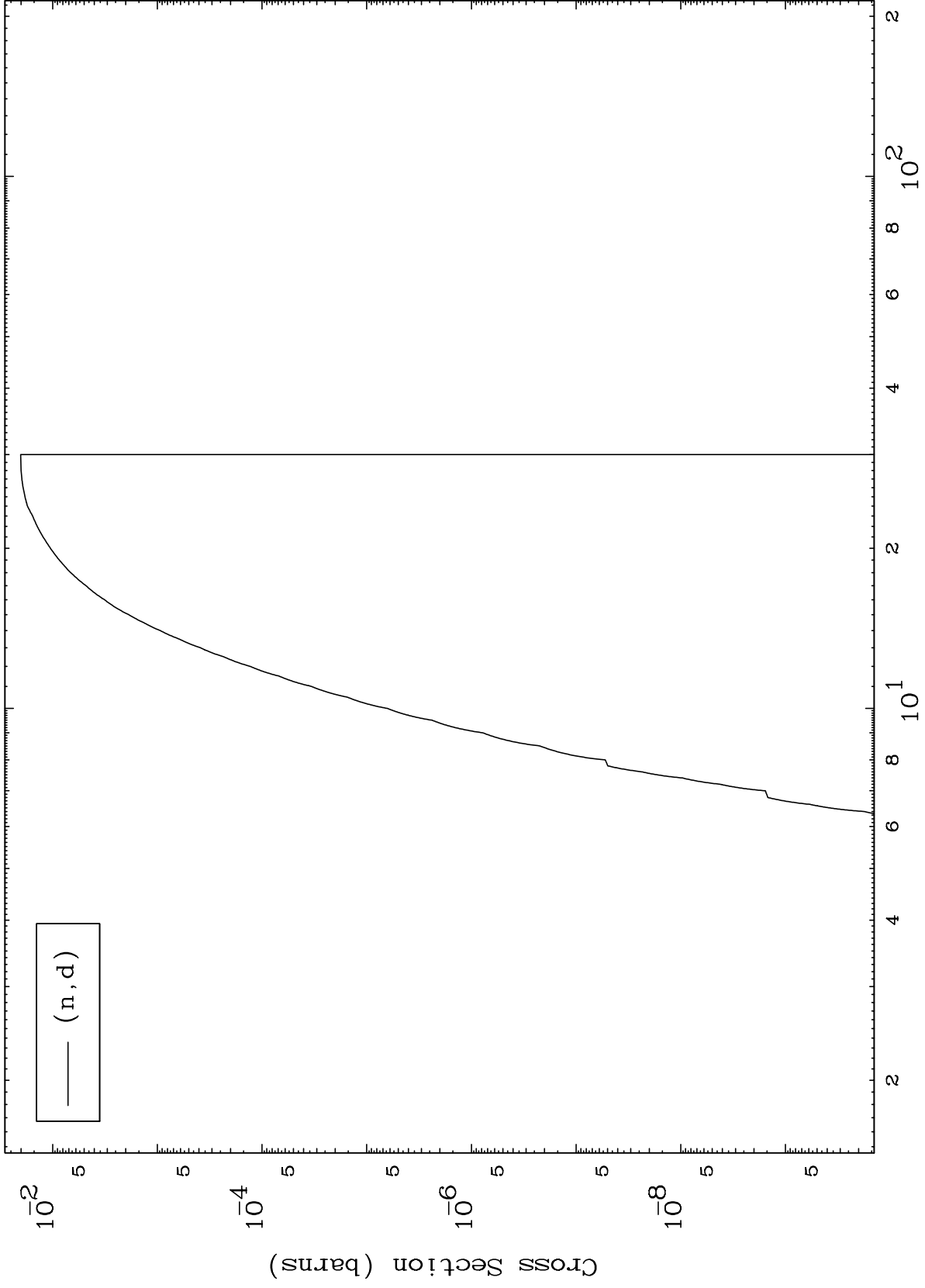
Incident Energy (MeV)

10

MAT 7907

(n,d) Levels
293 Kelvin Cross Sections

79-Au-191



11

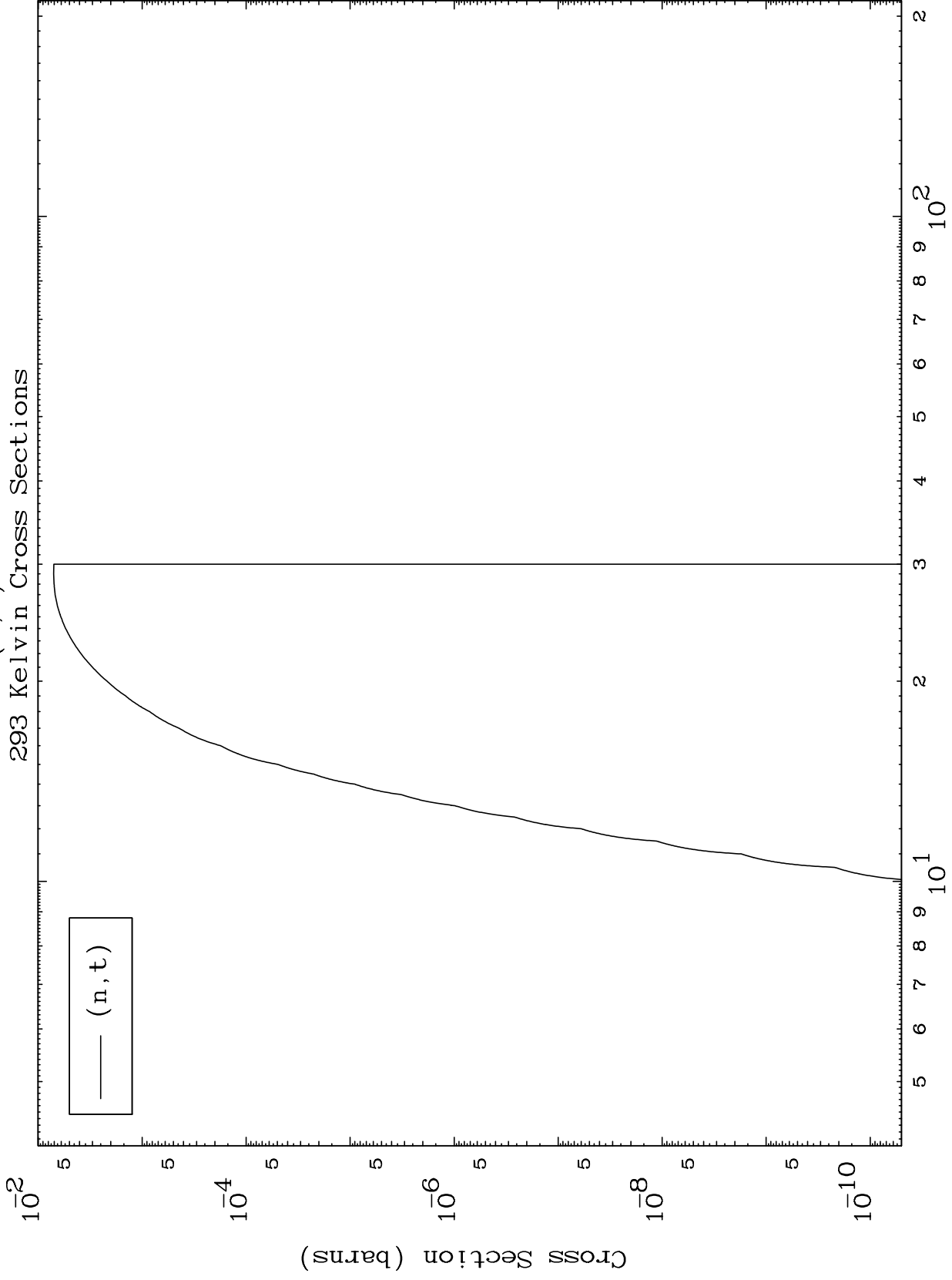
Incident Energy (MeV)

79-Au-191

MAT 7907

(n,t) Levels
293 Kelvin Cross Sections

79-Au-191



(n,t)

12

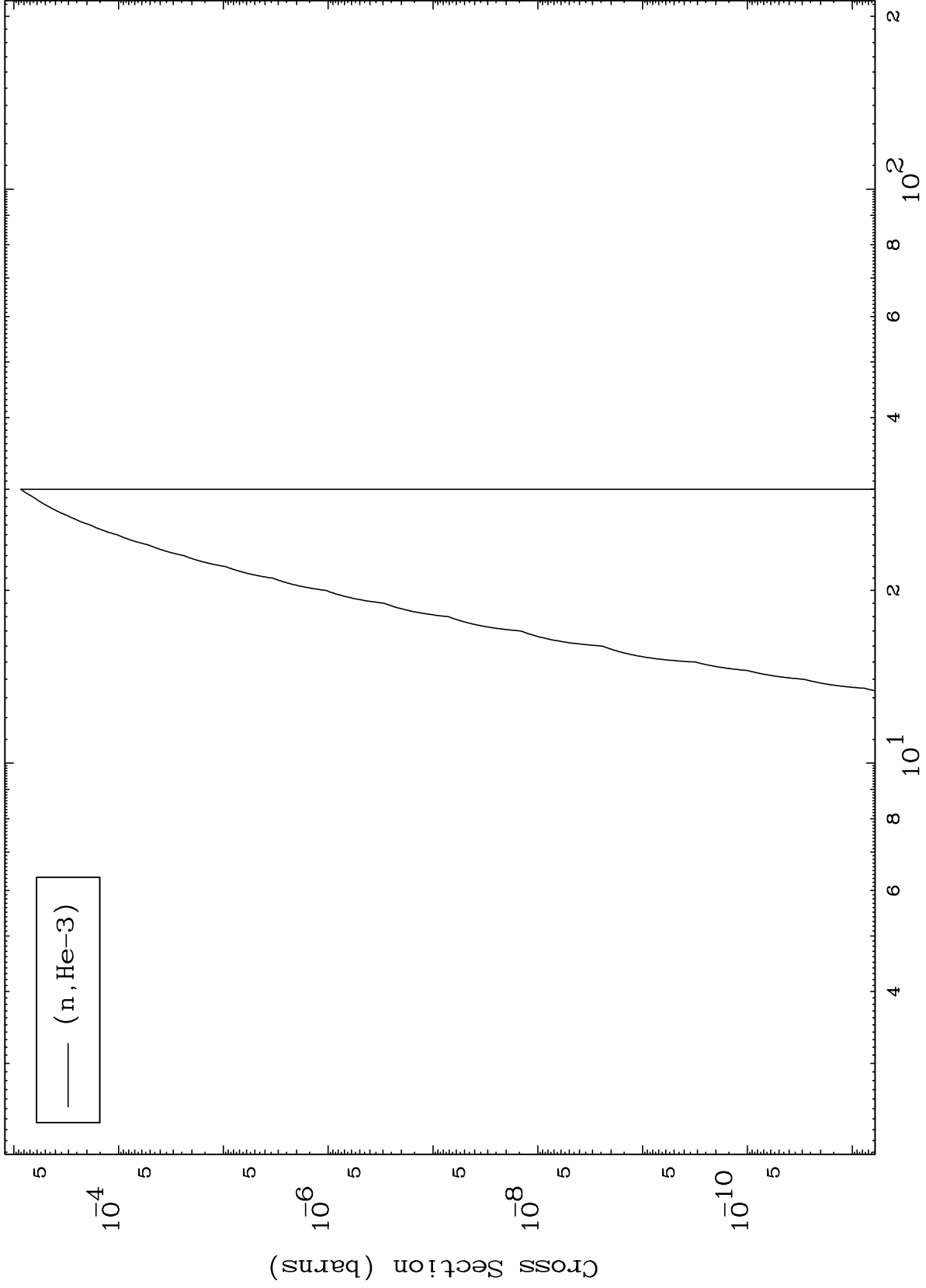
Incident Energy (MeV)

79-Au-191

MAT 7907

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-191



13

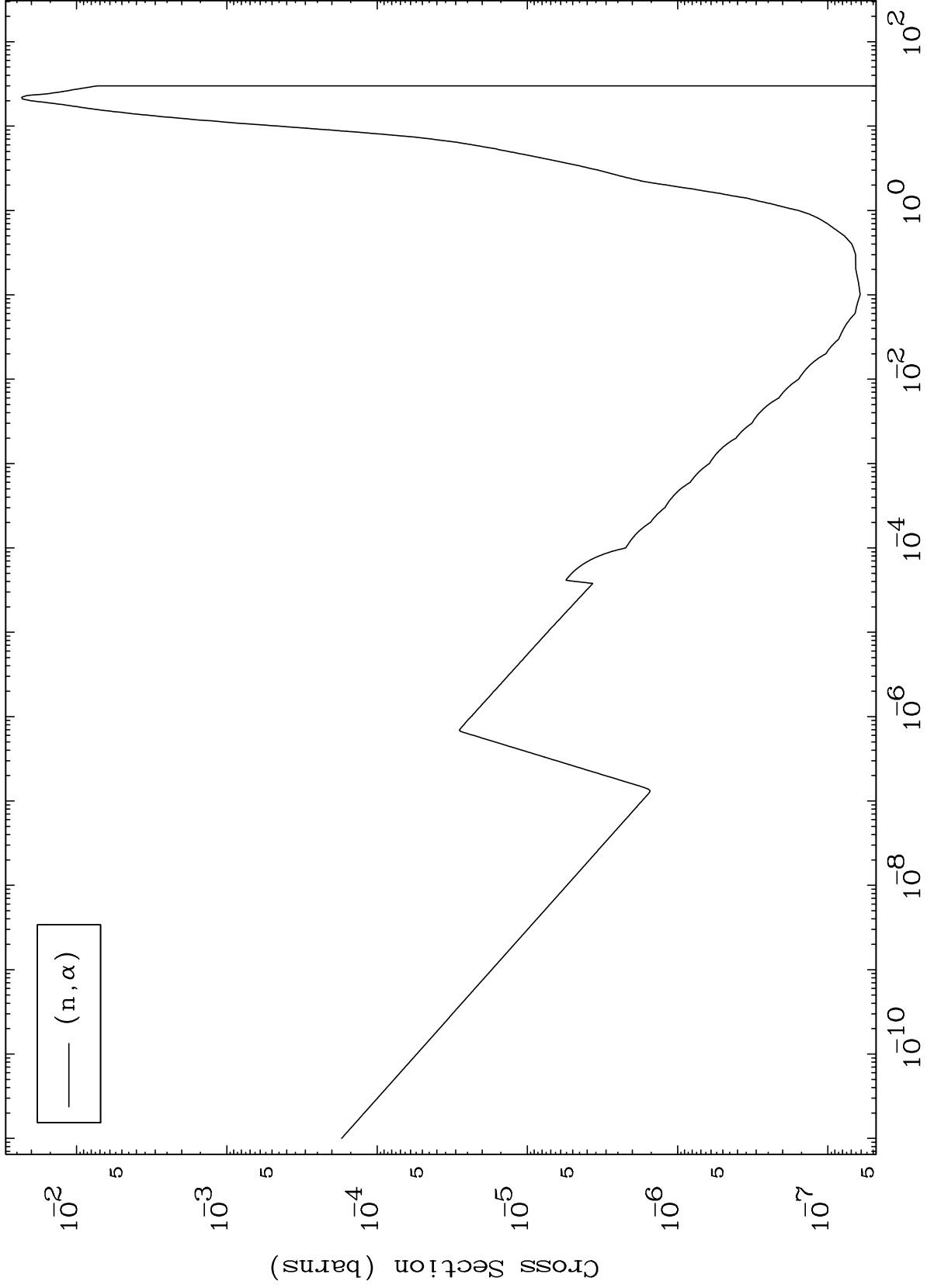
Incident Energy (MeV)

79-Au-191

MAT 7907

(n, α) Levels
293 Kelvin Cross Sections

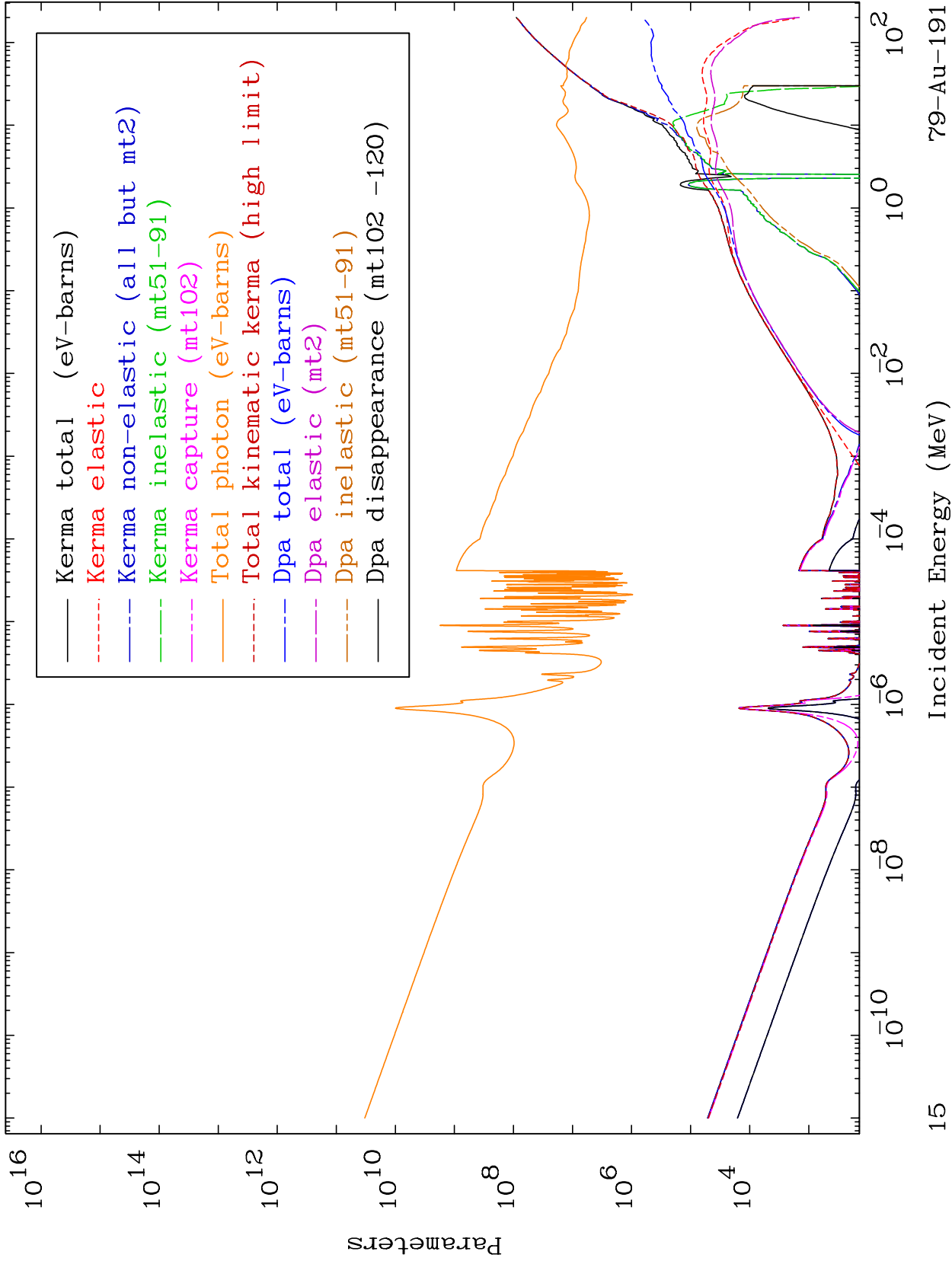
79-Au-191



14

Incident Energy (MeV)

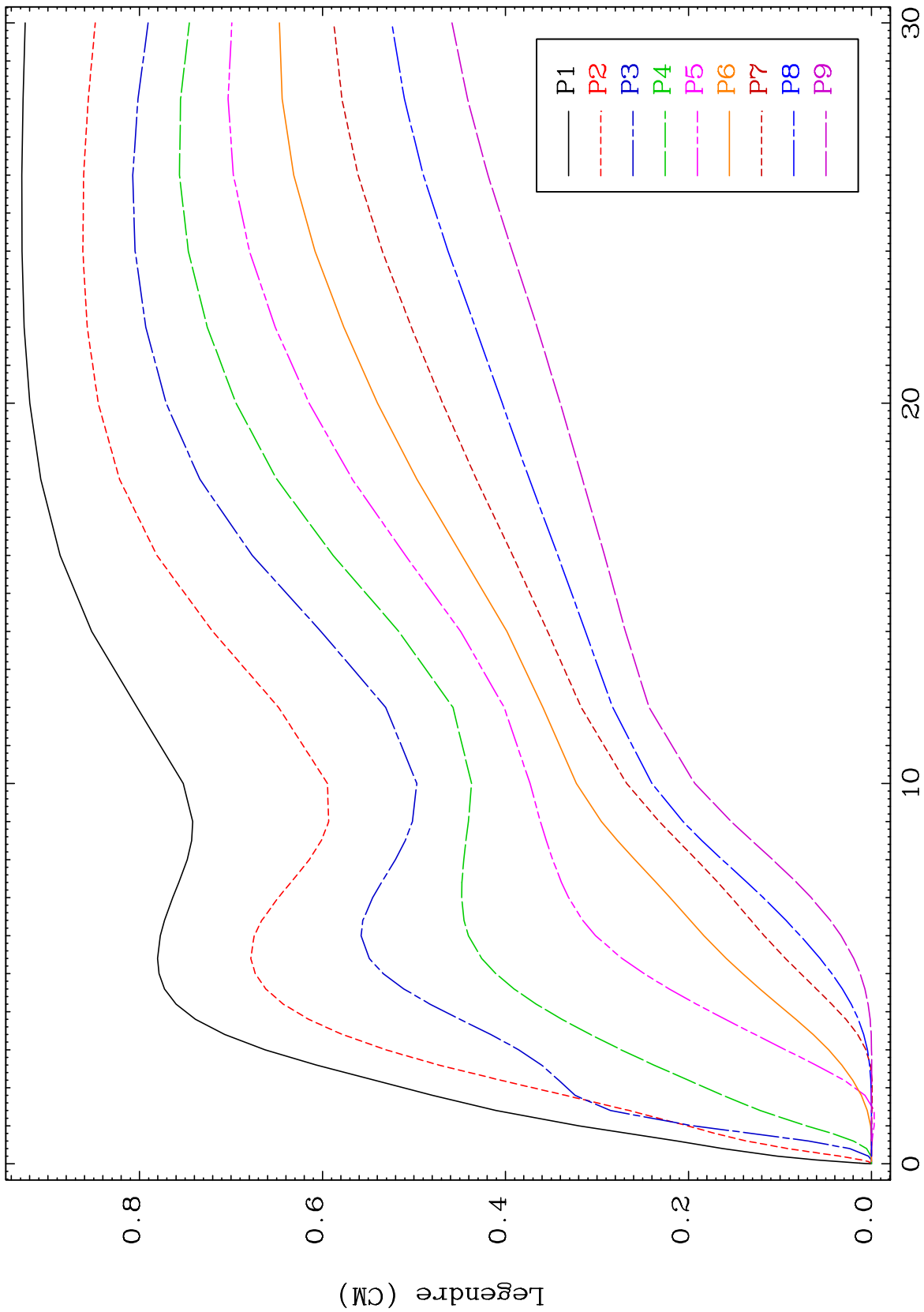
79-Au-191



MAT 7907

79-Au-191

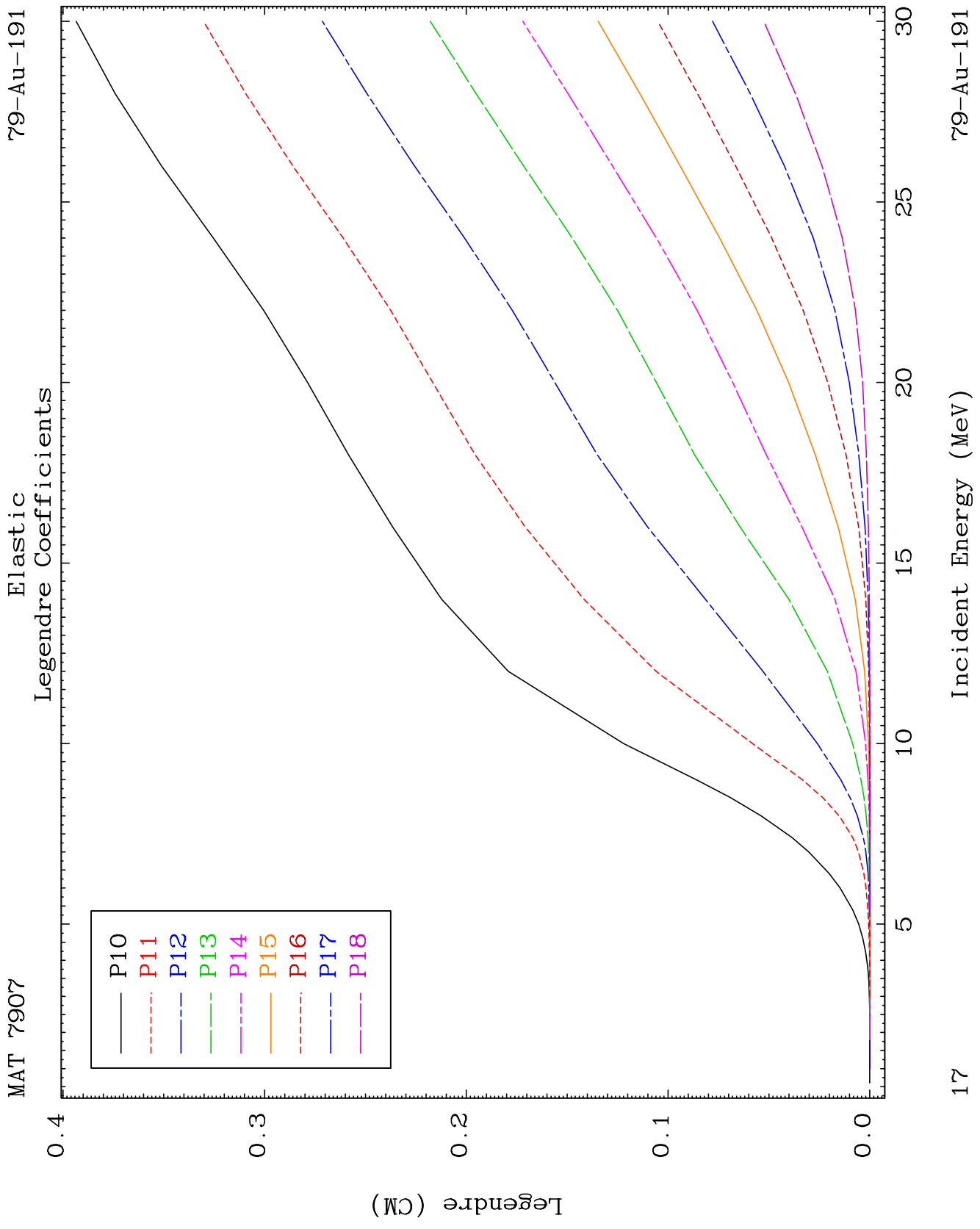
Elastic Legendre Coefficients



16

Incident Energy (MeV)

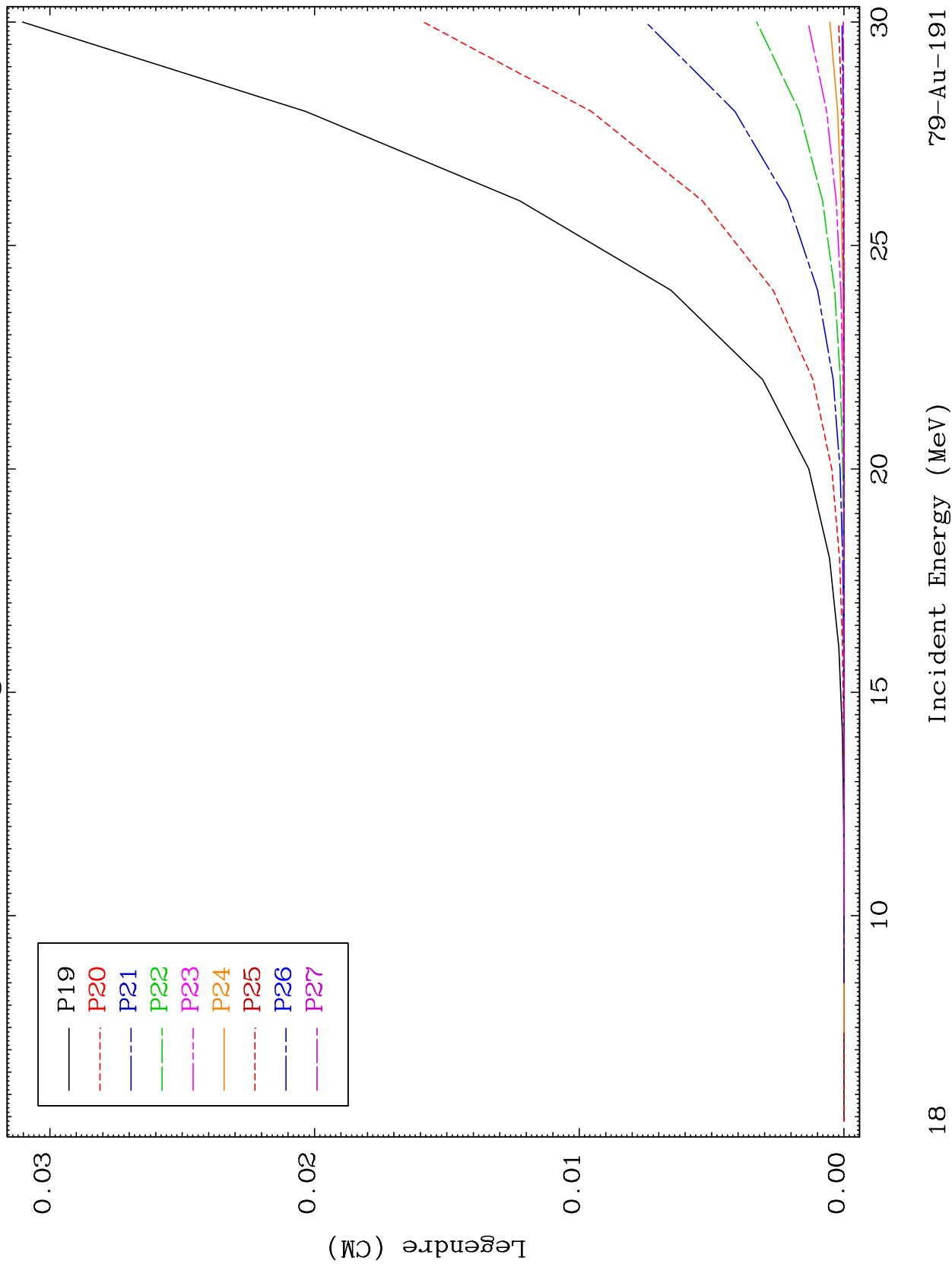
79-Au-191



MAT 7907

Elastic
Legendre Coefficients

79-Au-191



18

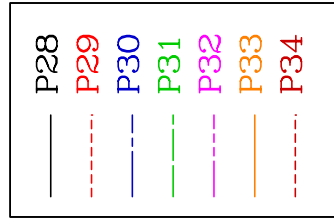
Incident Energy (MeV)

79-Au-191

MAT 7907

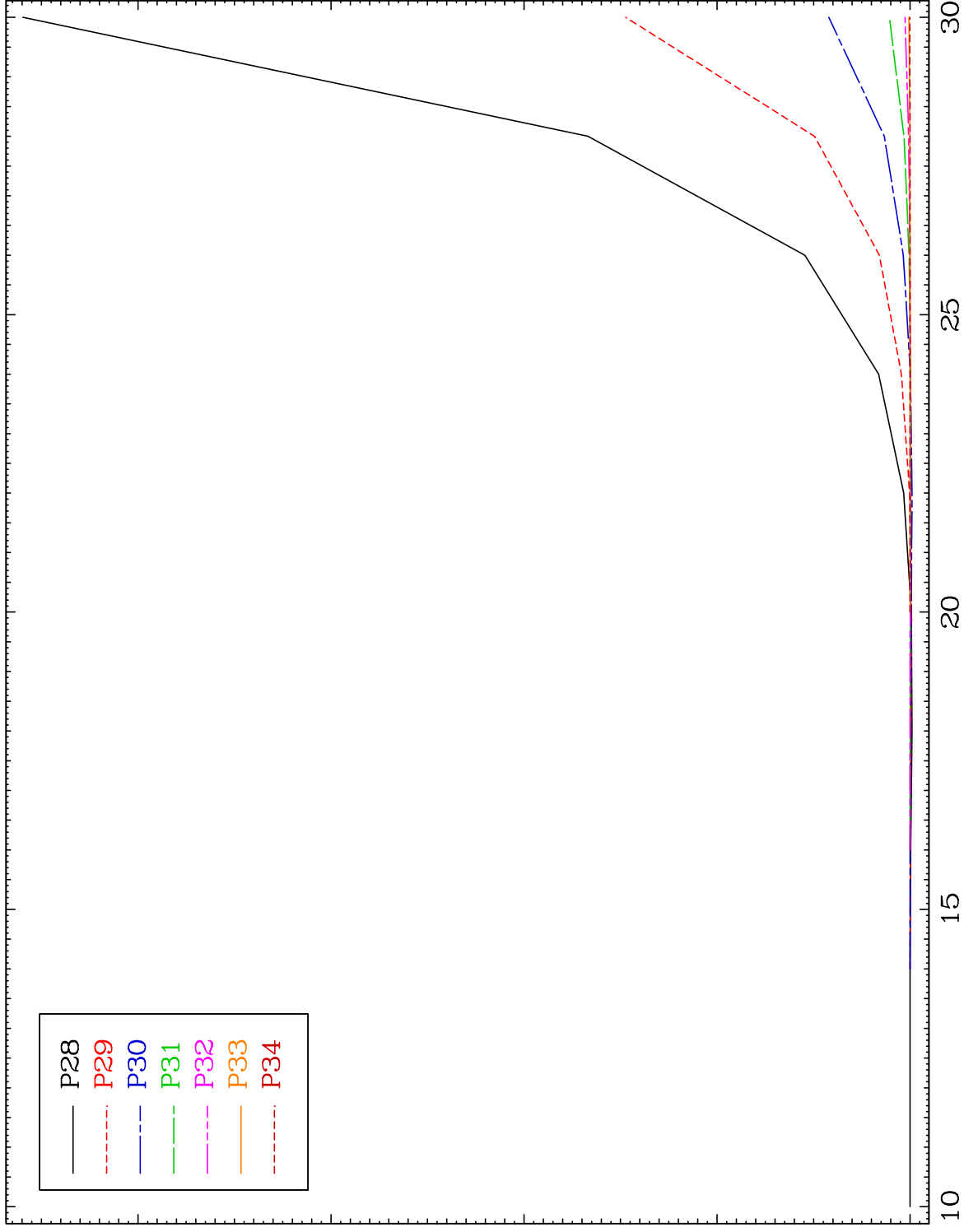
Elastic Legendre Coefficients

79-Au-191



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

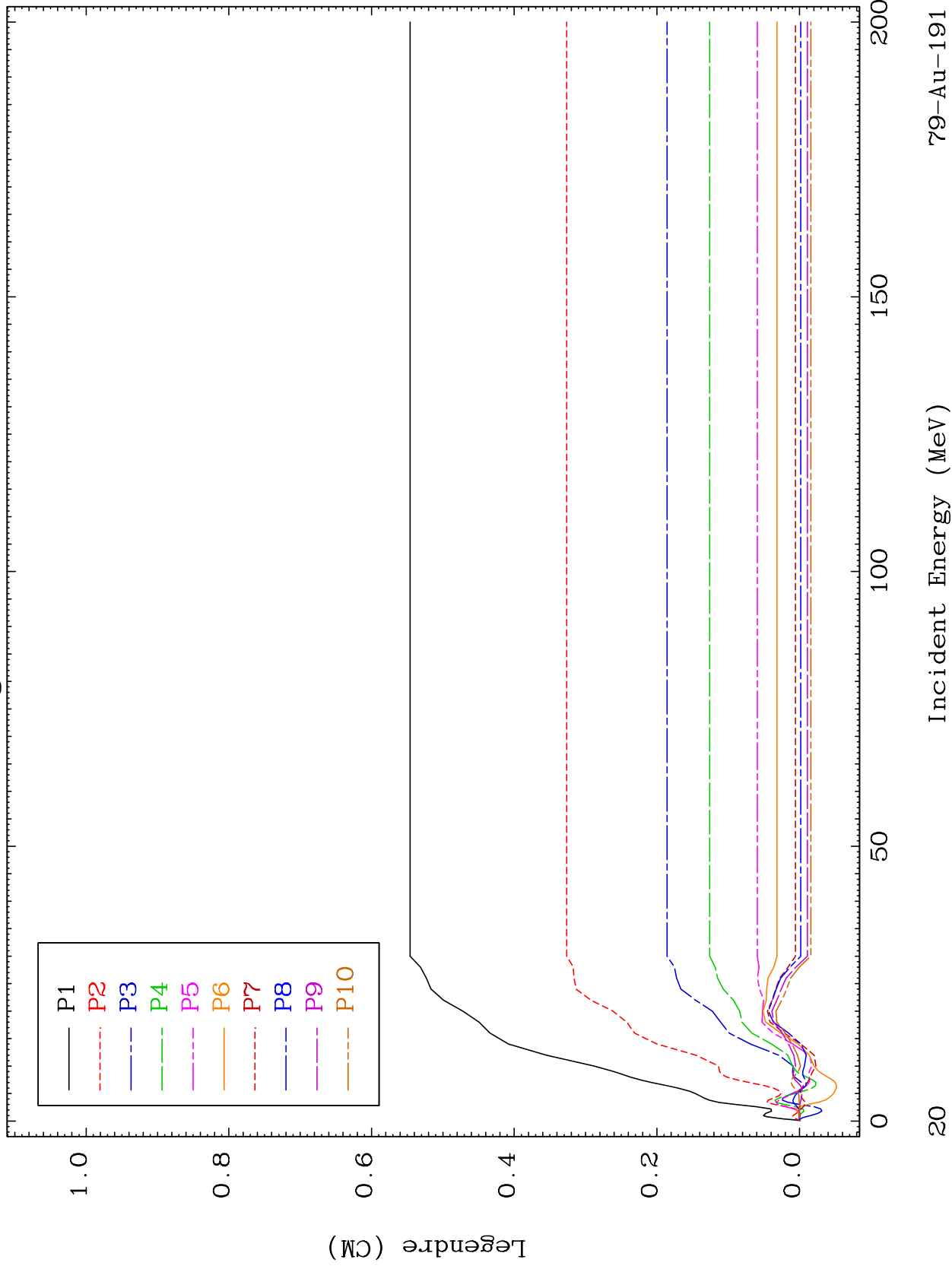
Incident Energy (MeV)

79-Au-191

MAT 7907

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

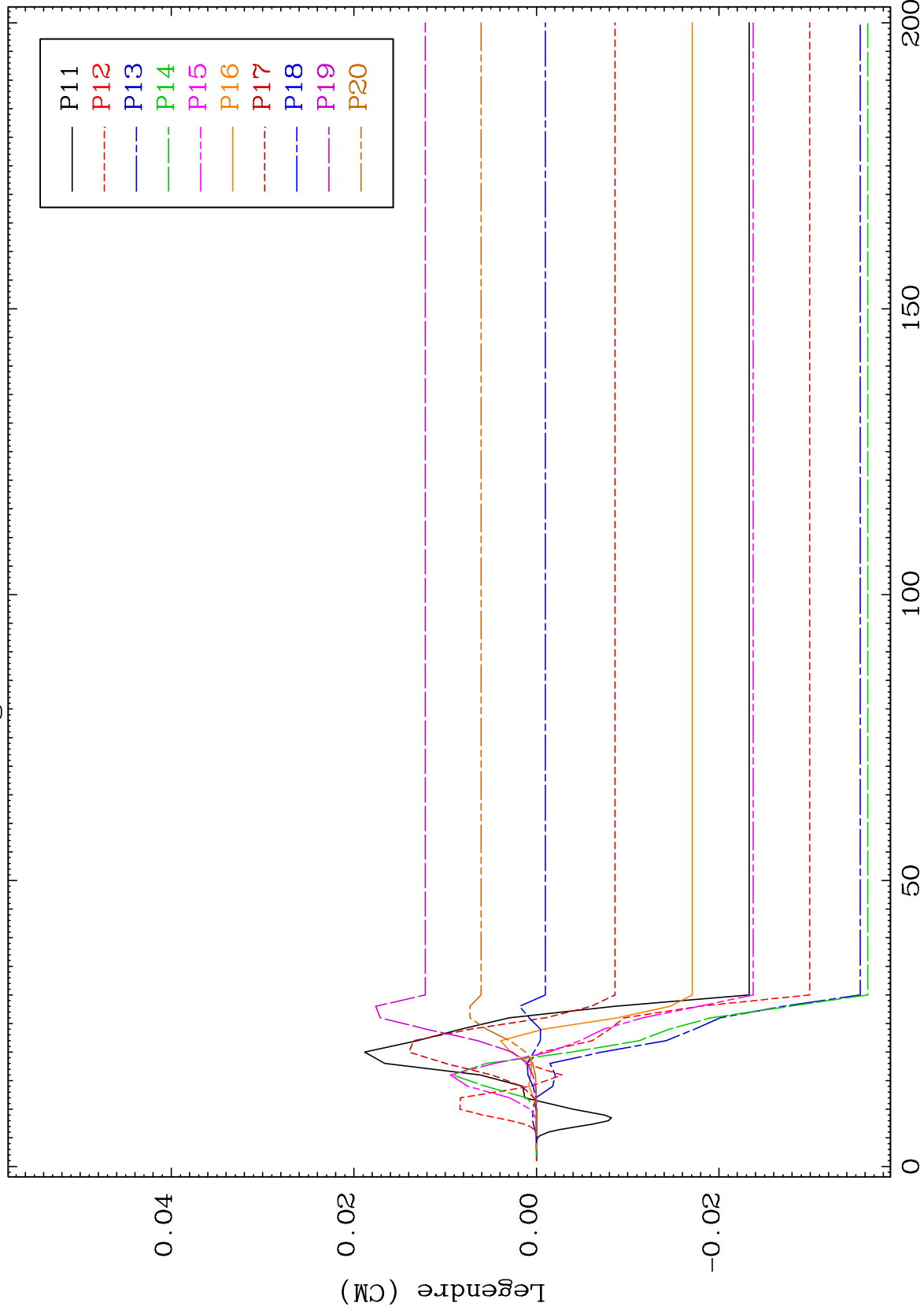
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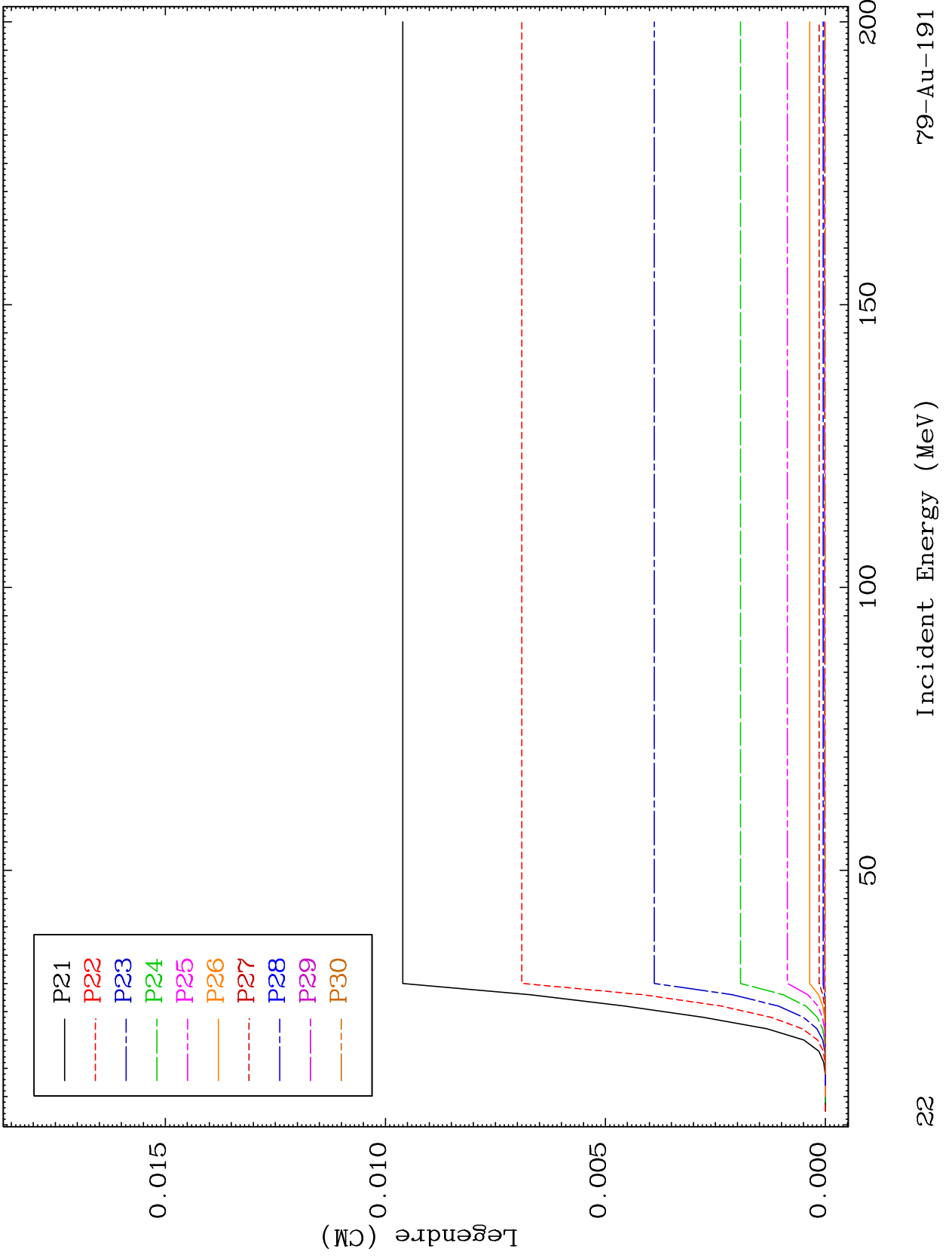


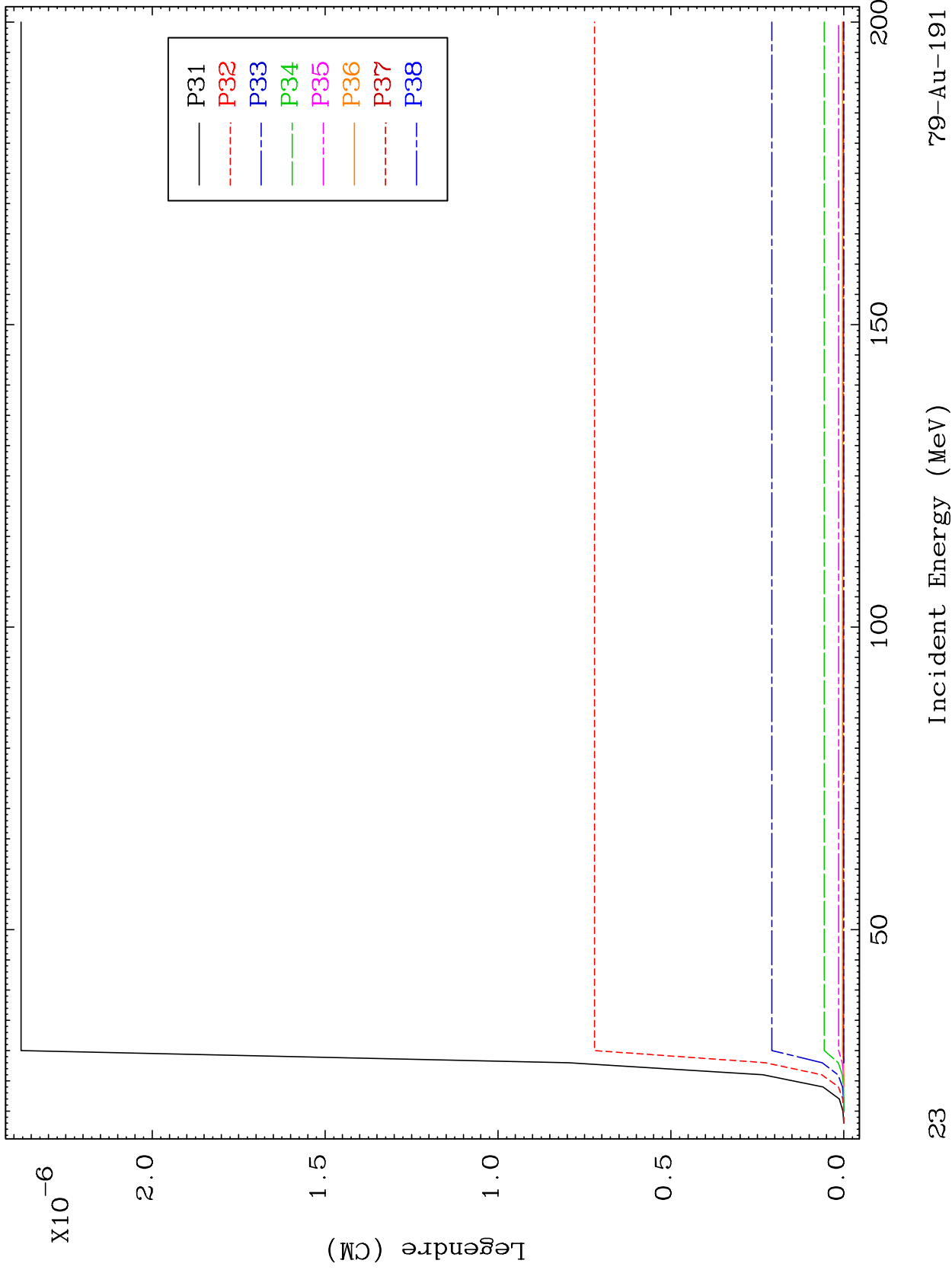
MAT 7907

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

79-Au-191



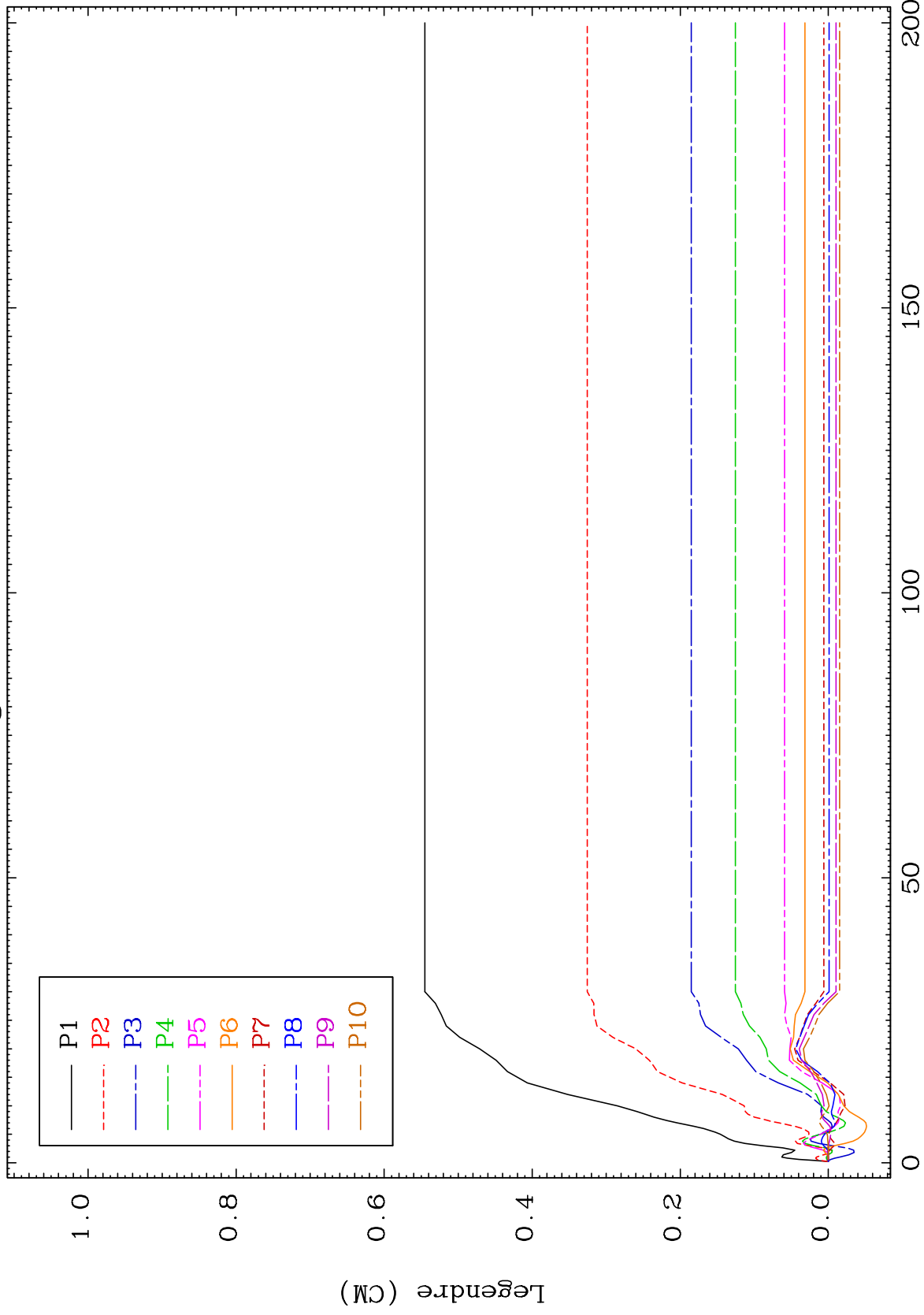




MAT 7907

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

79-Au-191



24

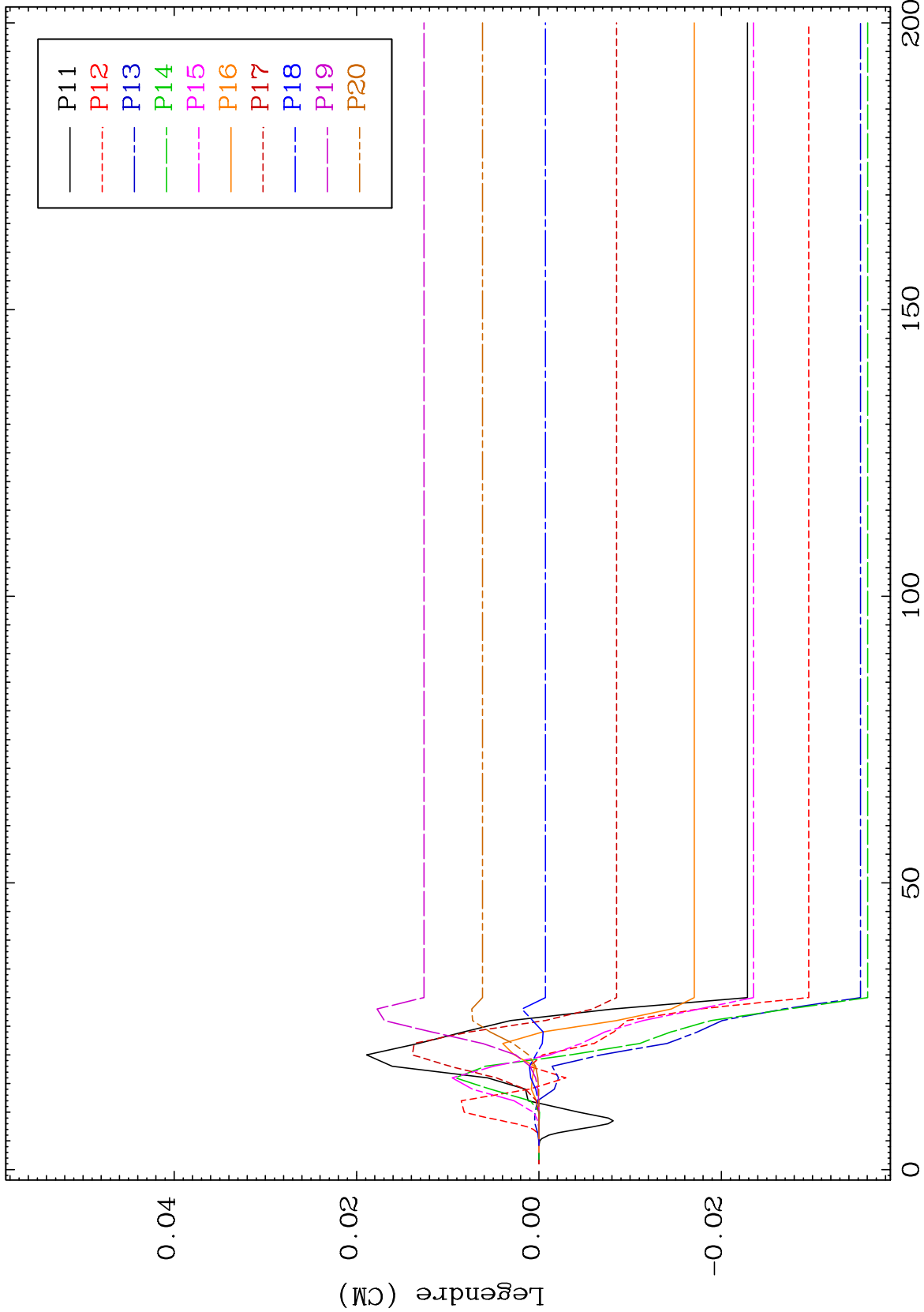
Incident Energy (MeV)

79-Au-191

MAT 7907

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

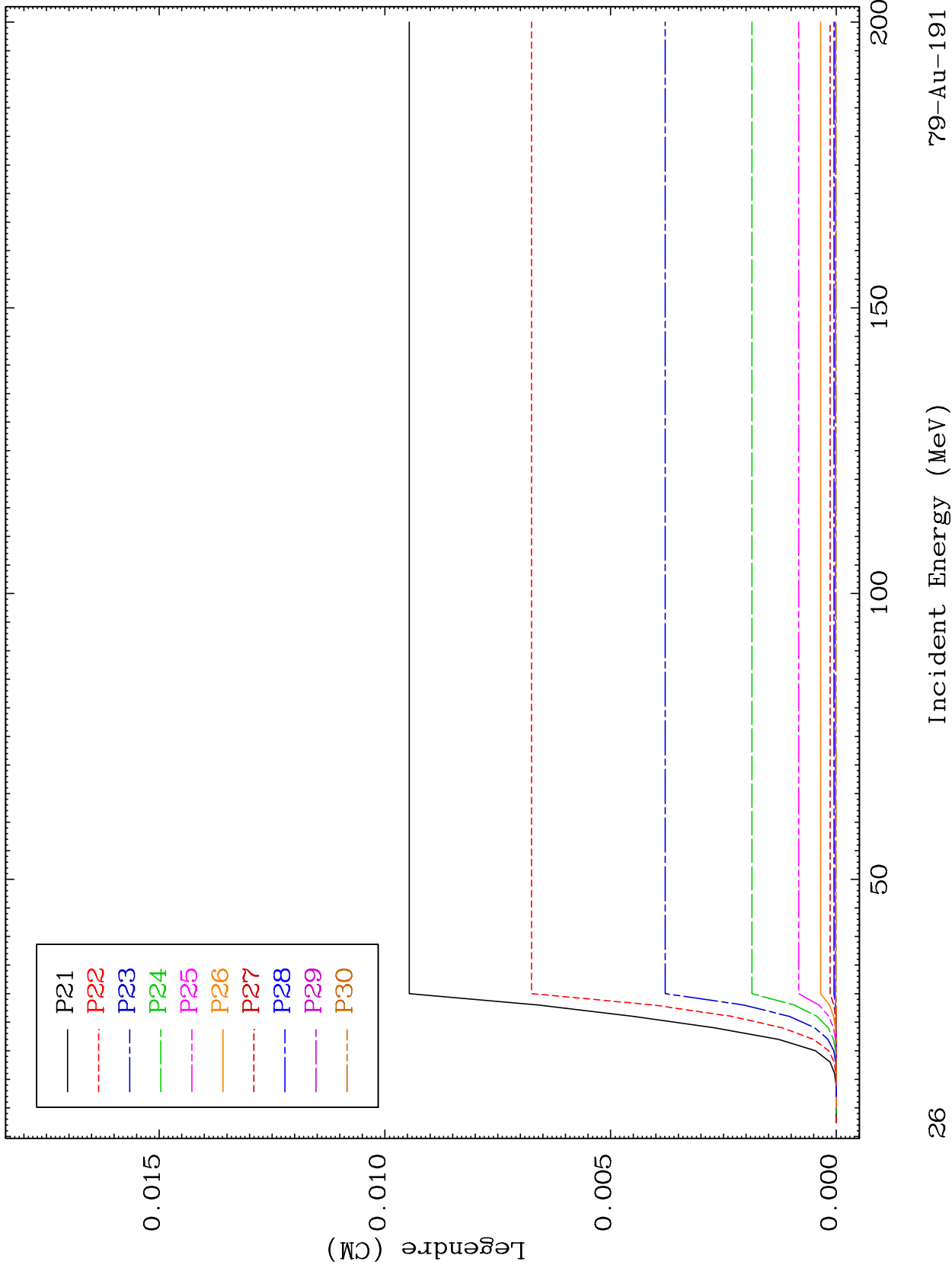
79-Au-191



25

Incident Energy (MeV)

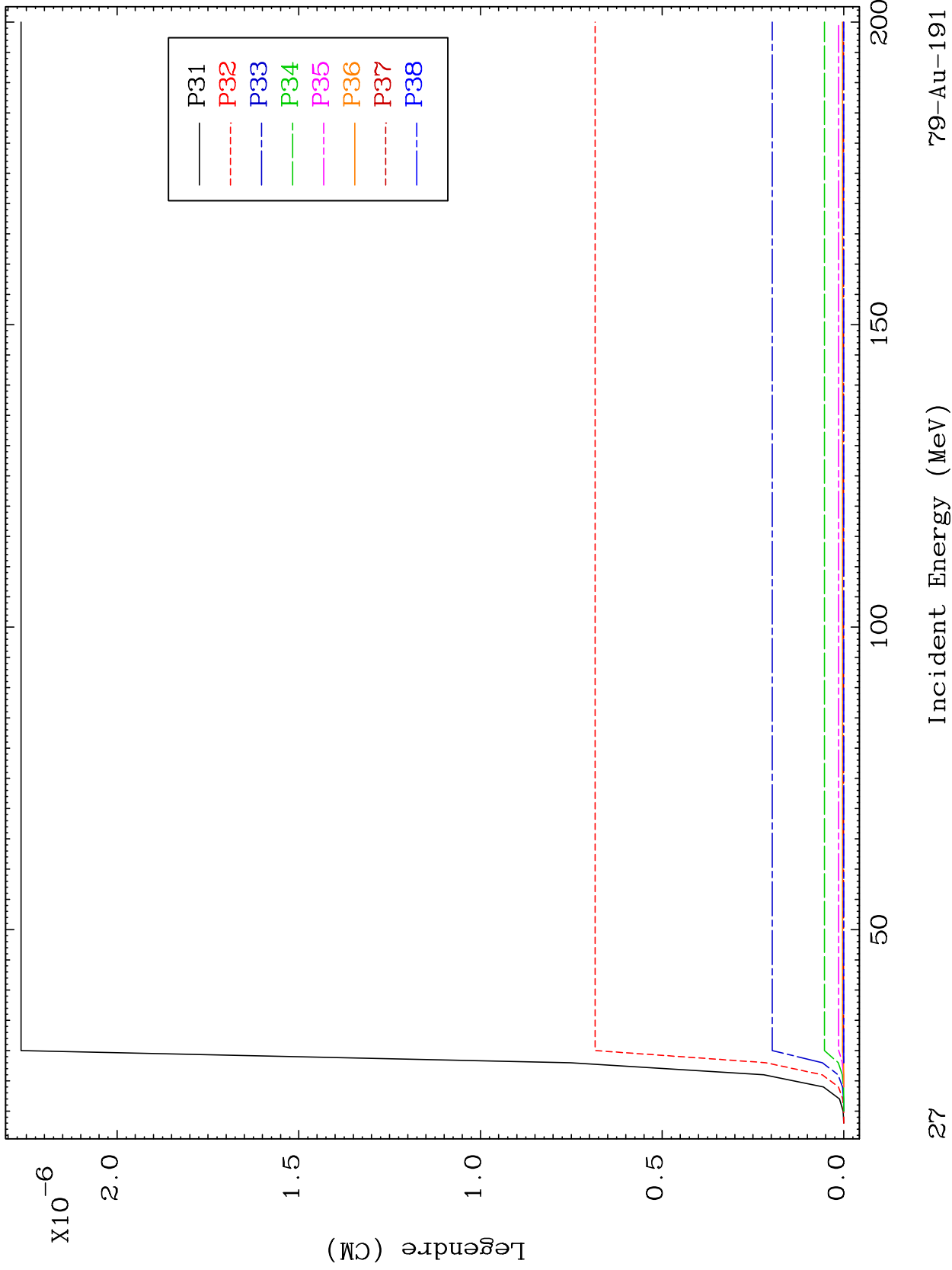
79-Au-191



MAT 7907

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

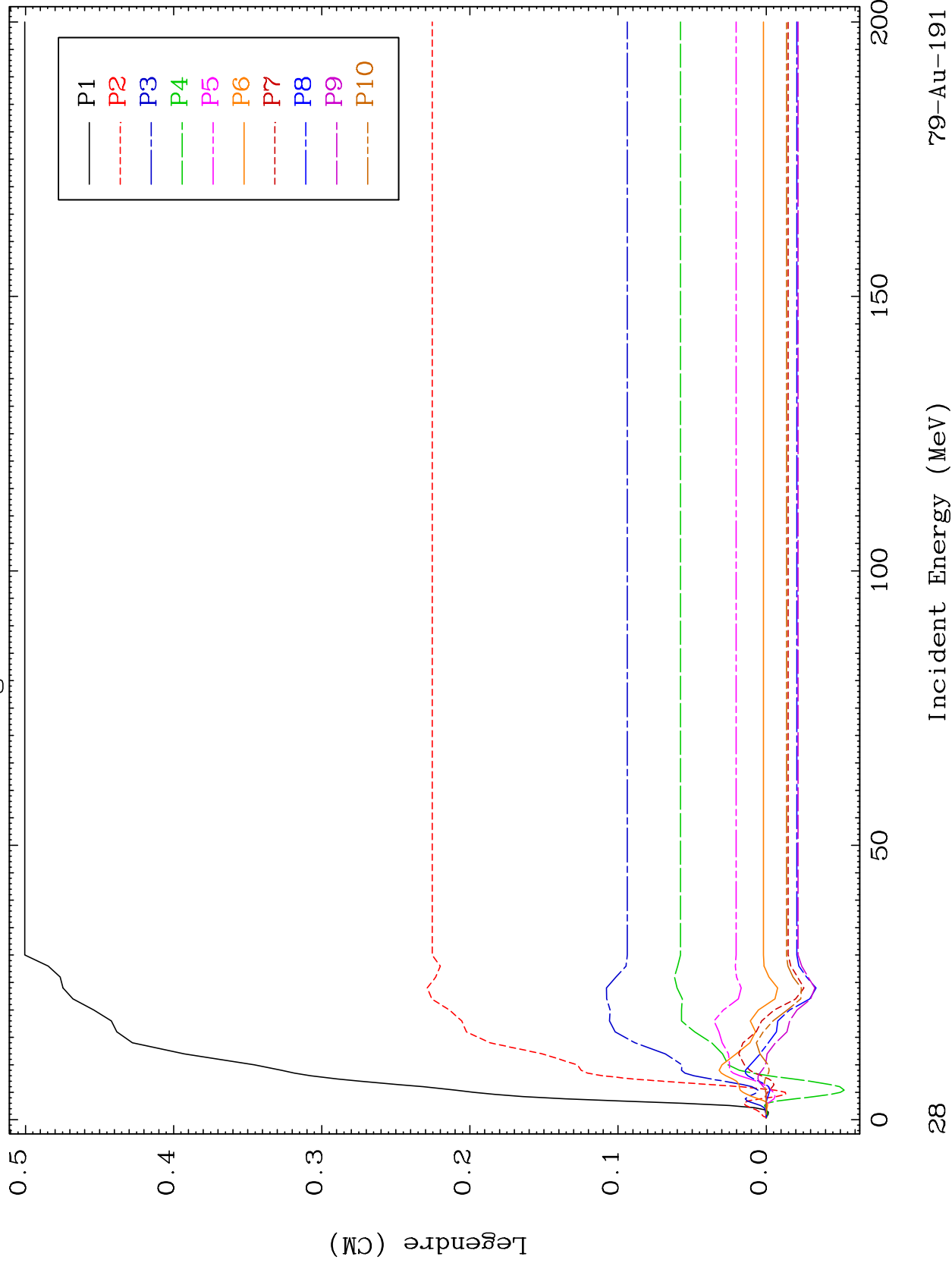
79-Au-191



MAT 7907

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

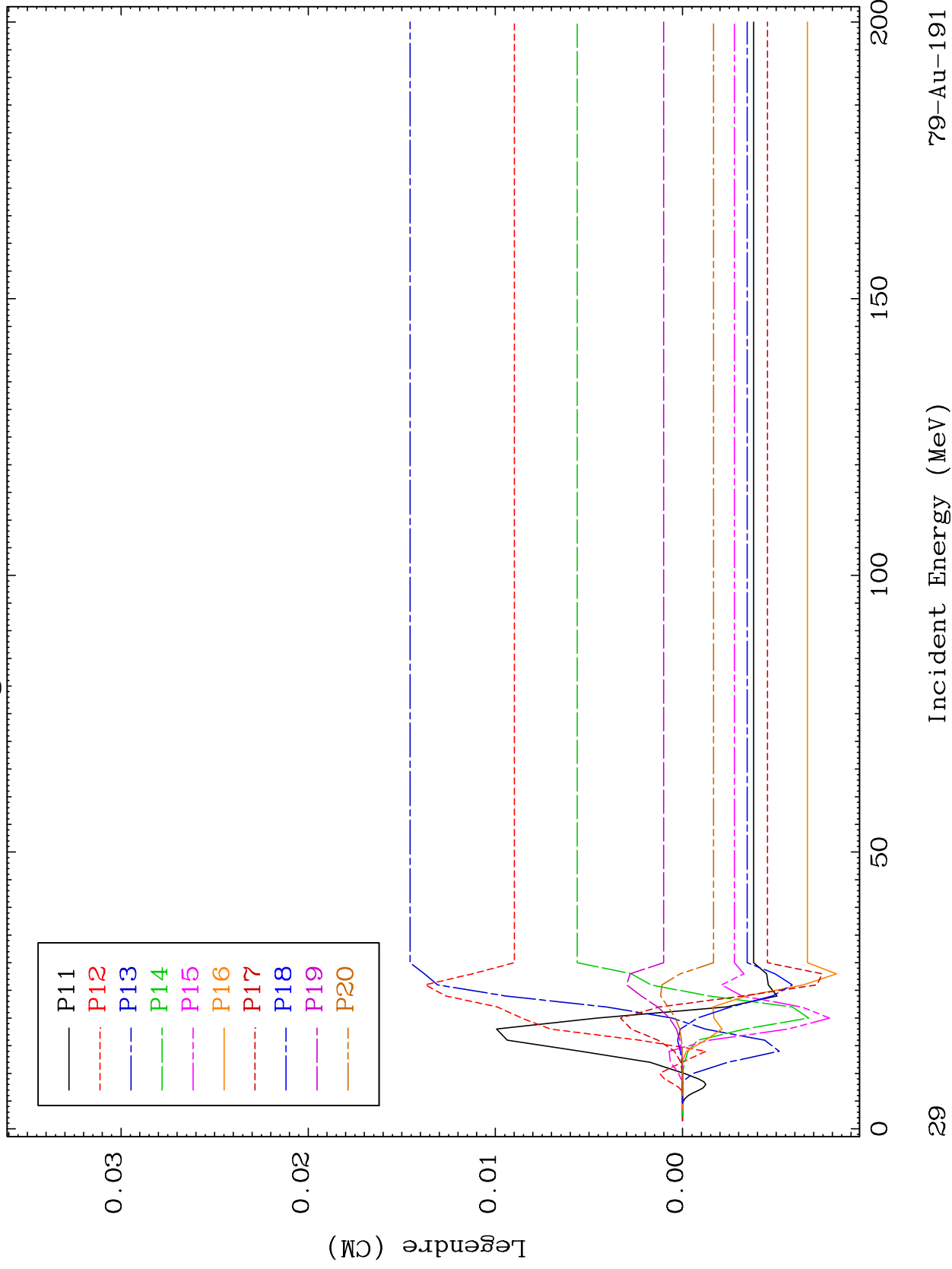
79-Au-191



MAT 7907

79-Au-191

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



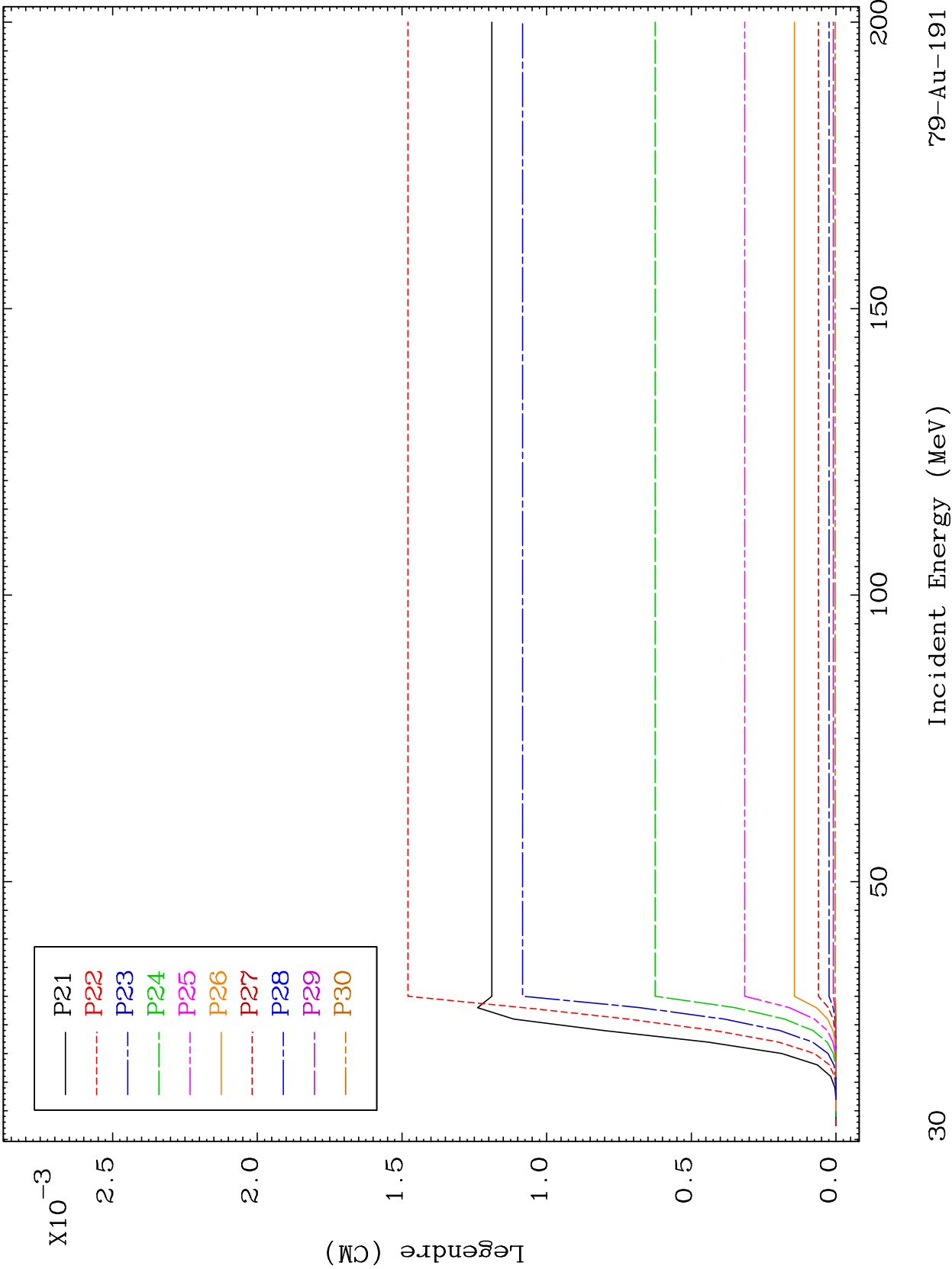
29

79-Au-191

MAT 7907

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

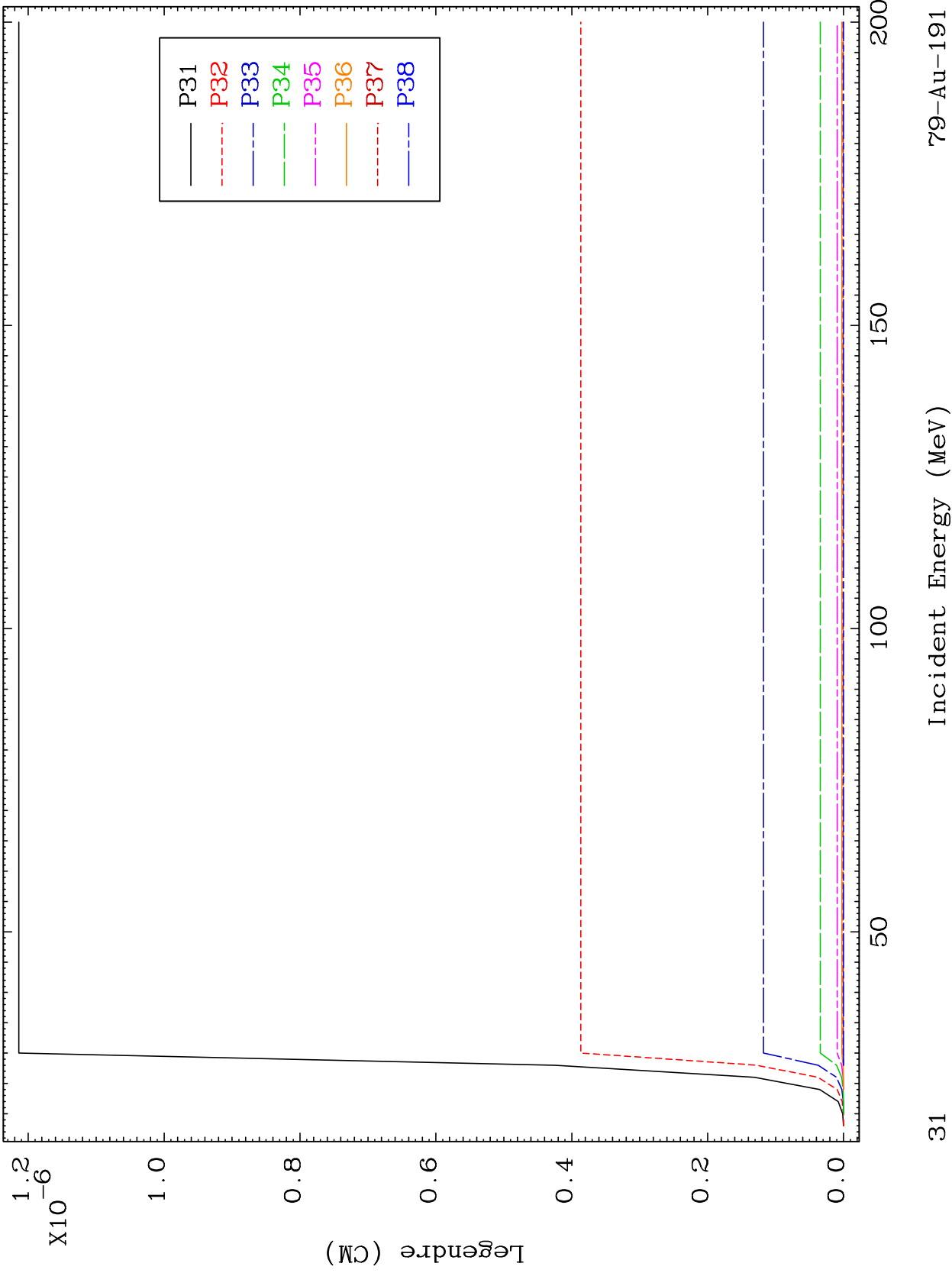
79-Au-191



79-Au-191

Incident Energy (MeV)

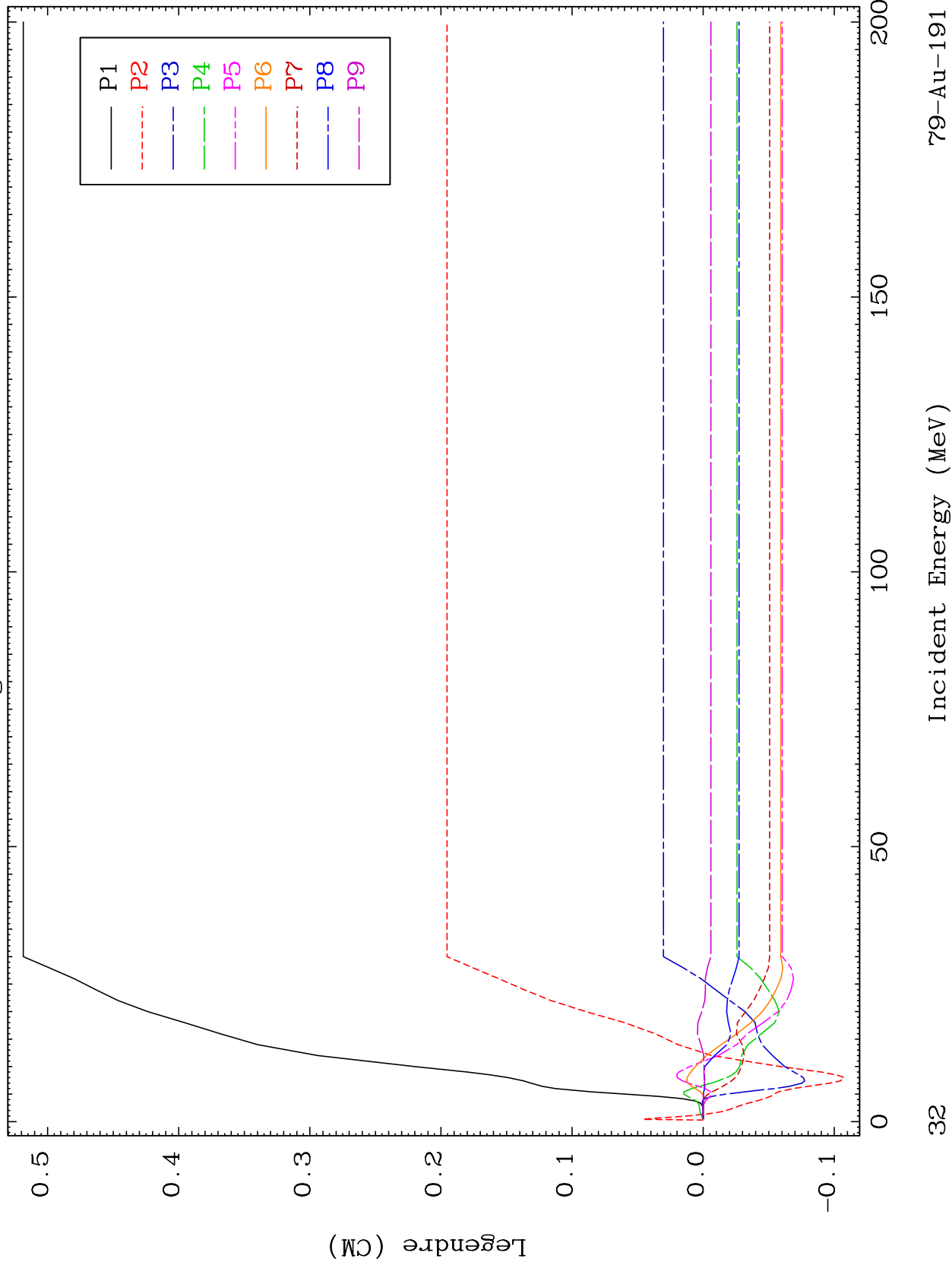
30



MAT 7907

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

79-Au-191



79-Au-191

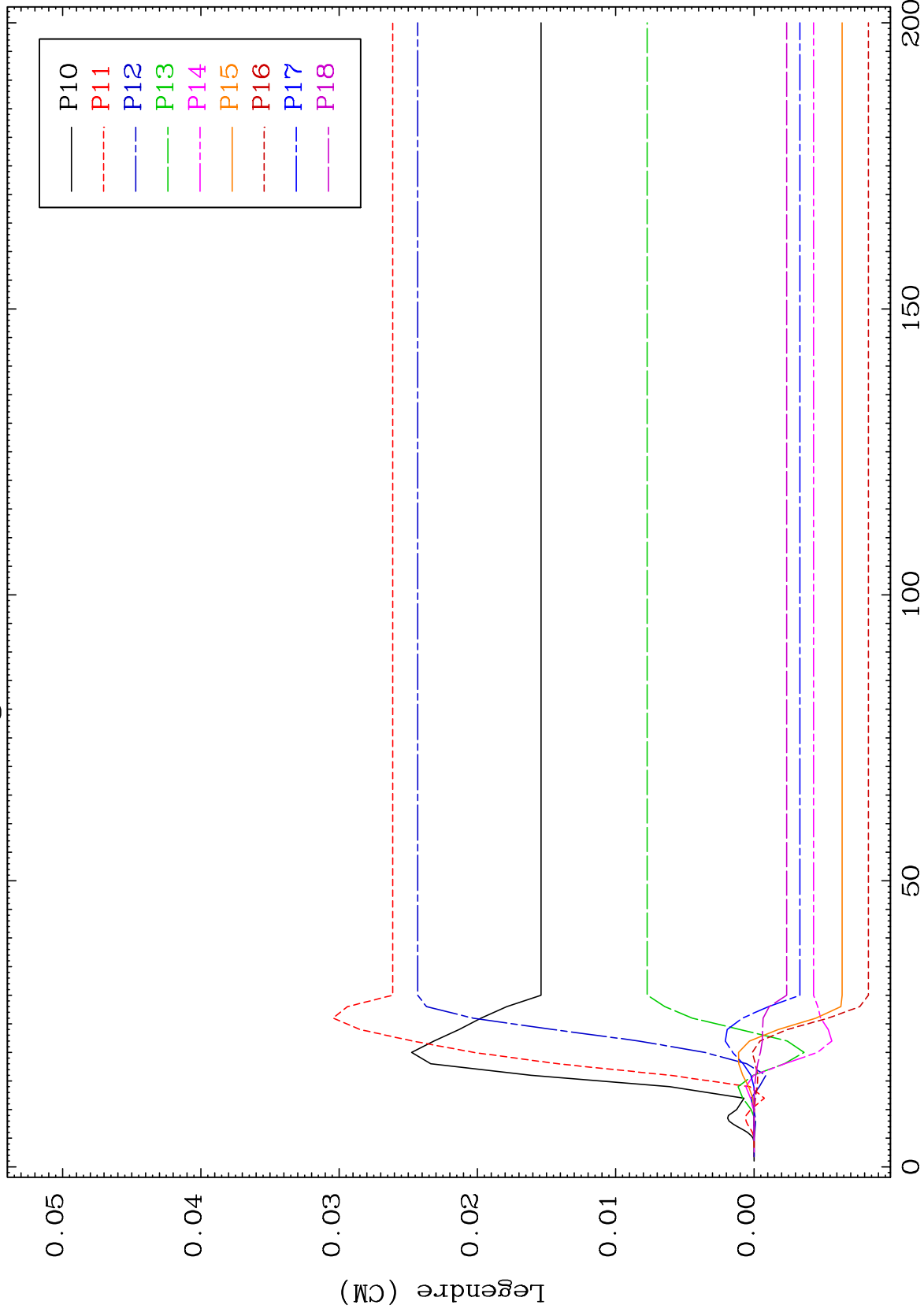
Incident Energy (MeV)

32

MAT 7907

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

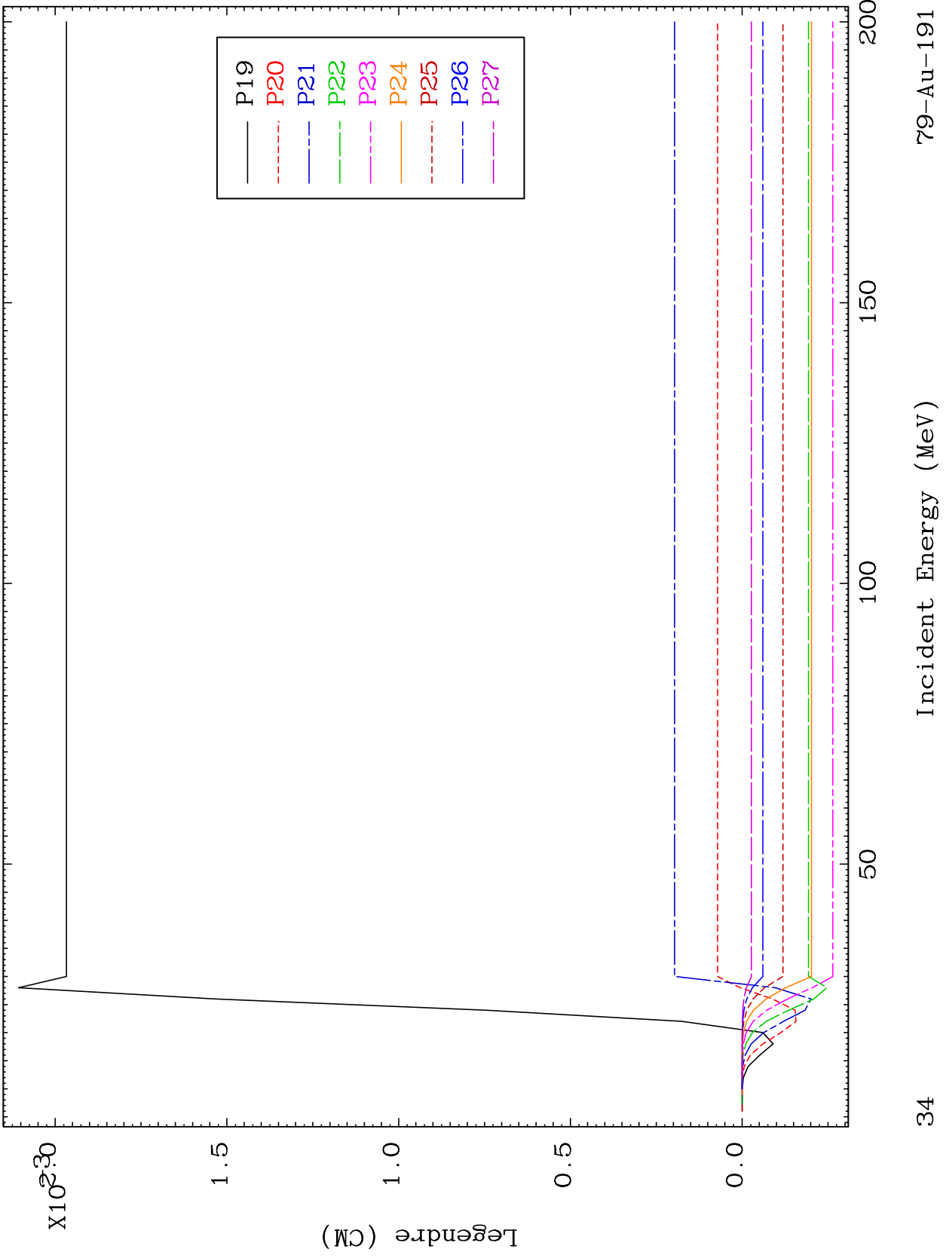
79-Au-191

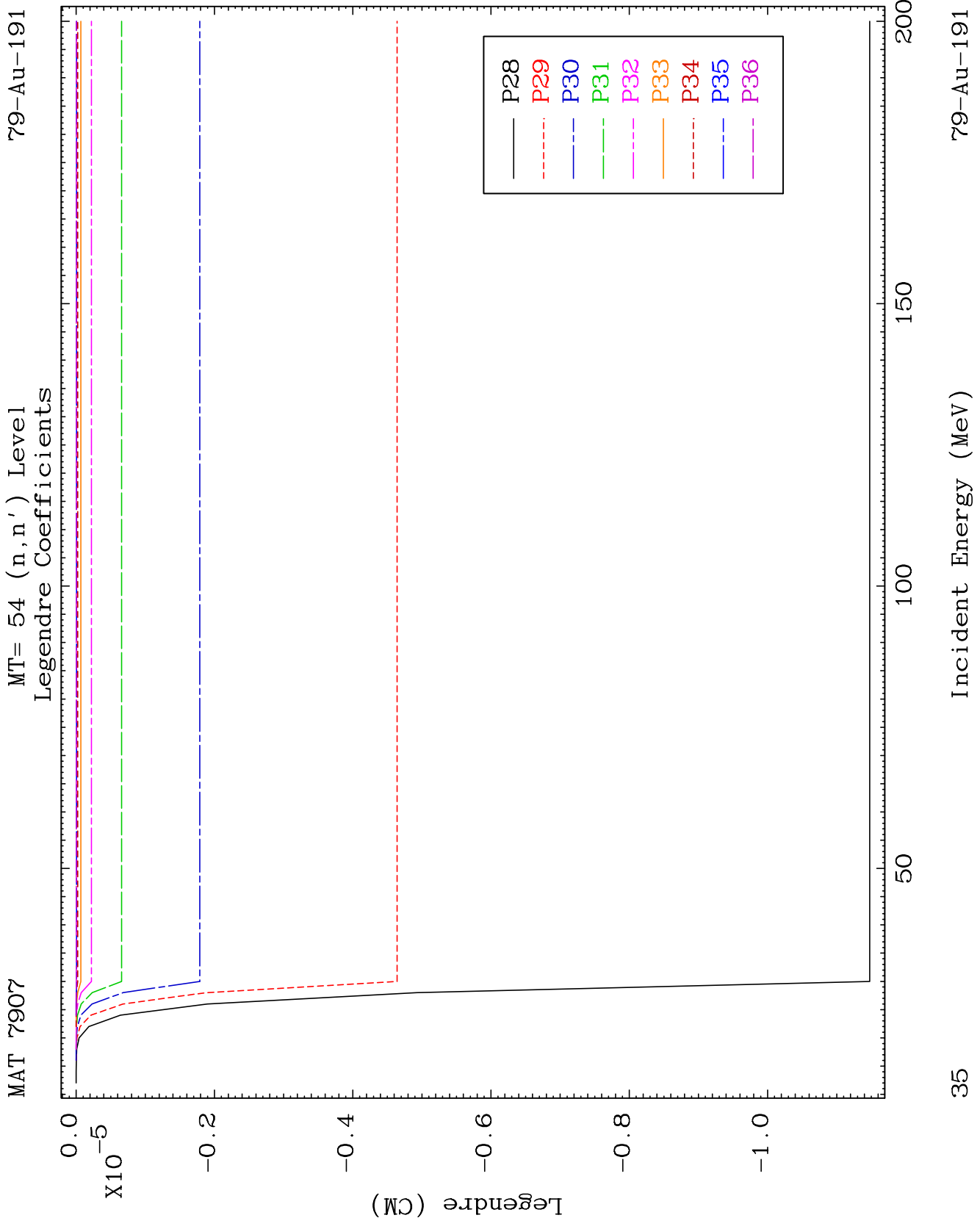


33

Incident Energy (MeV)

79-Au-191

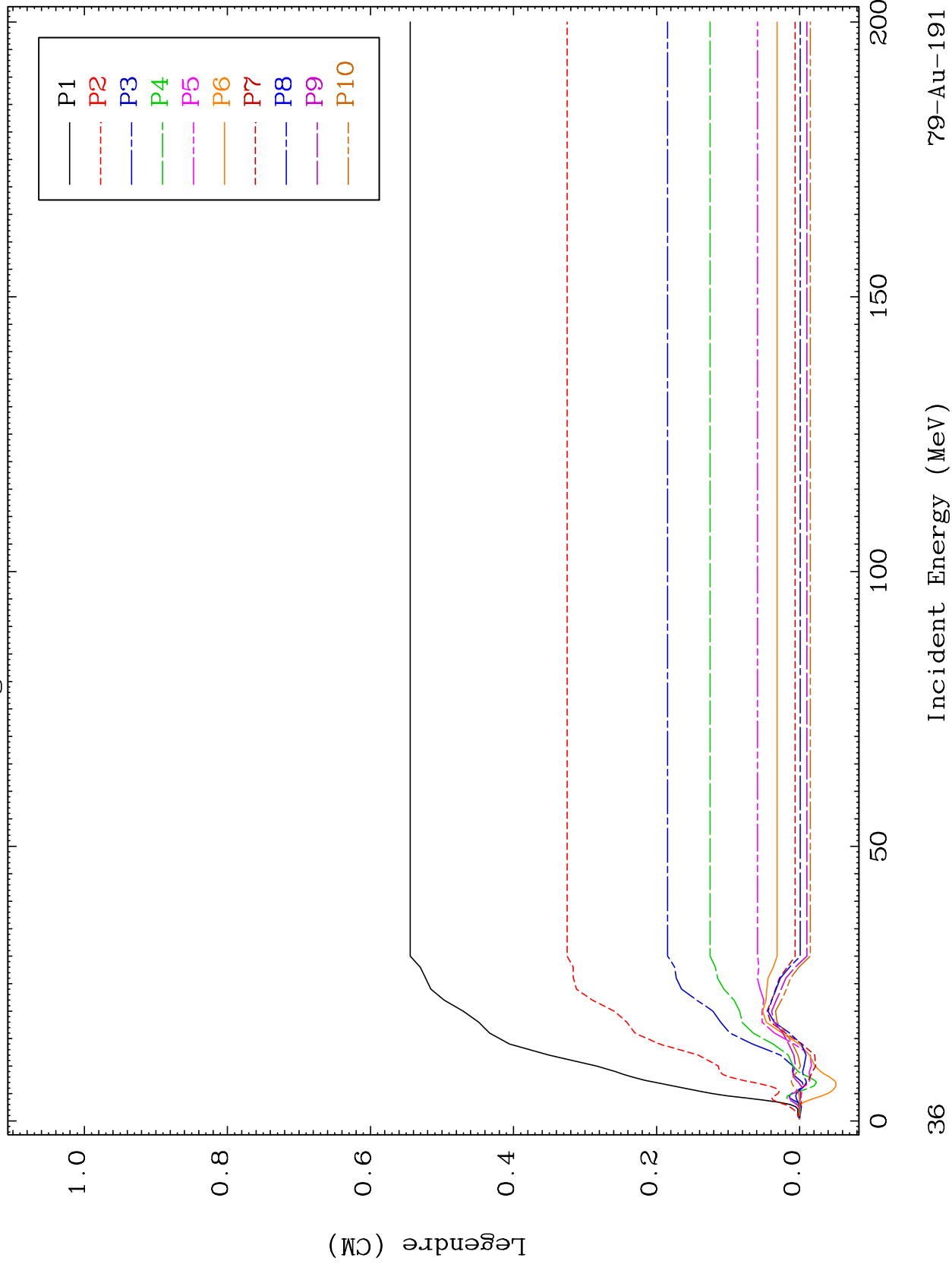




MAT 7907

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

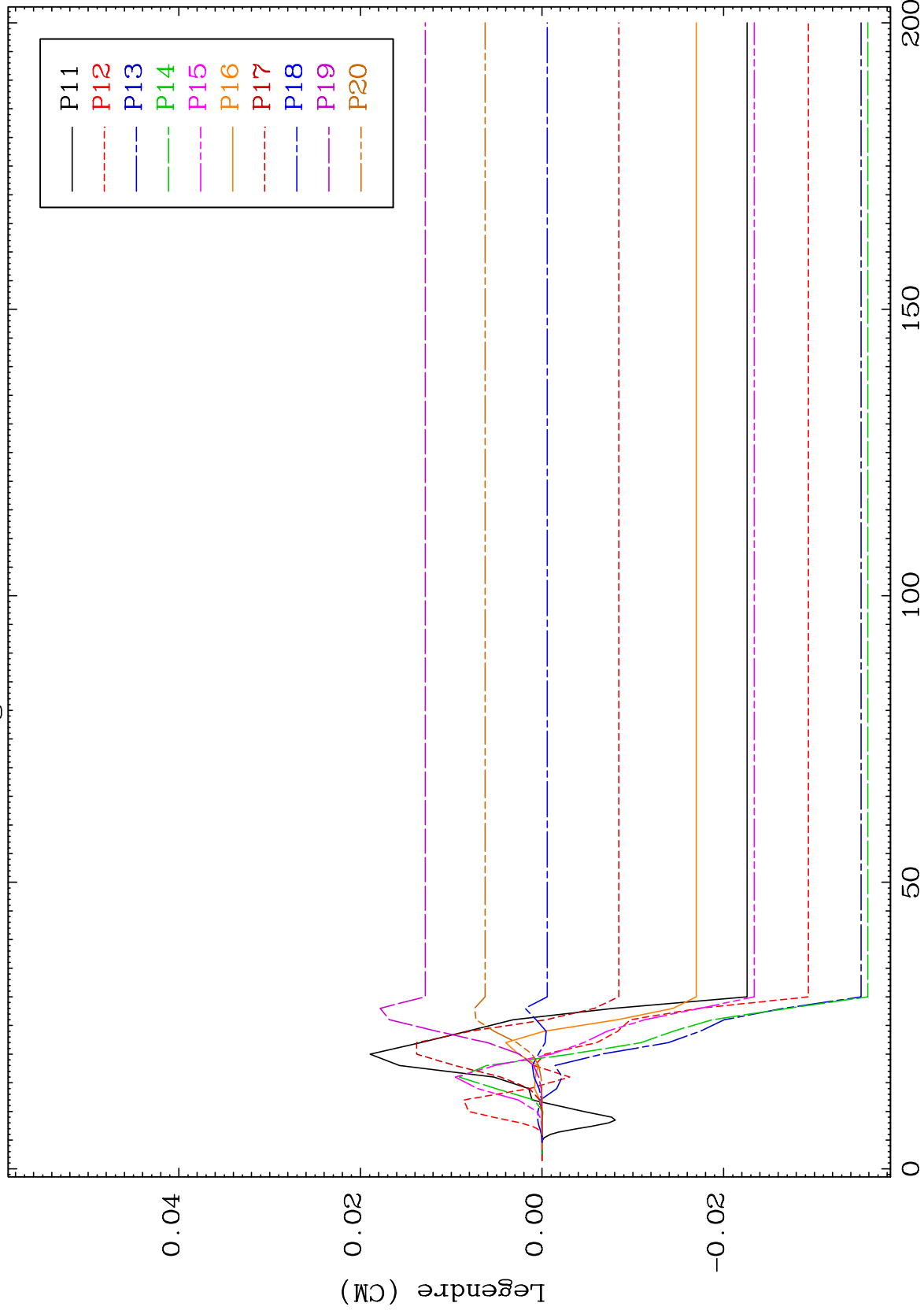
79-Au-191



MAT 7907

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

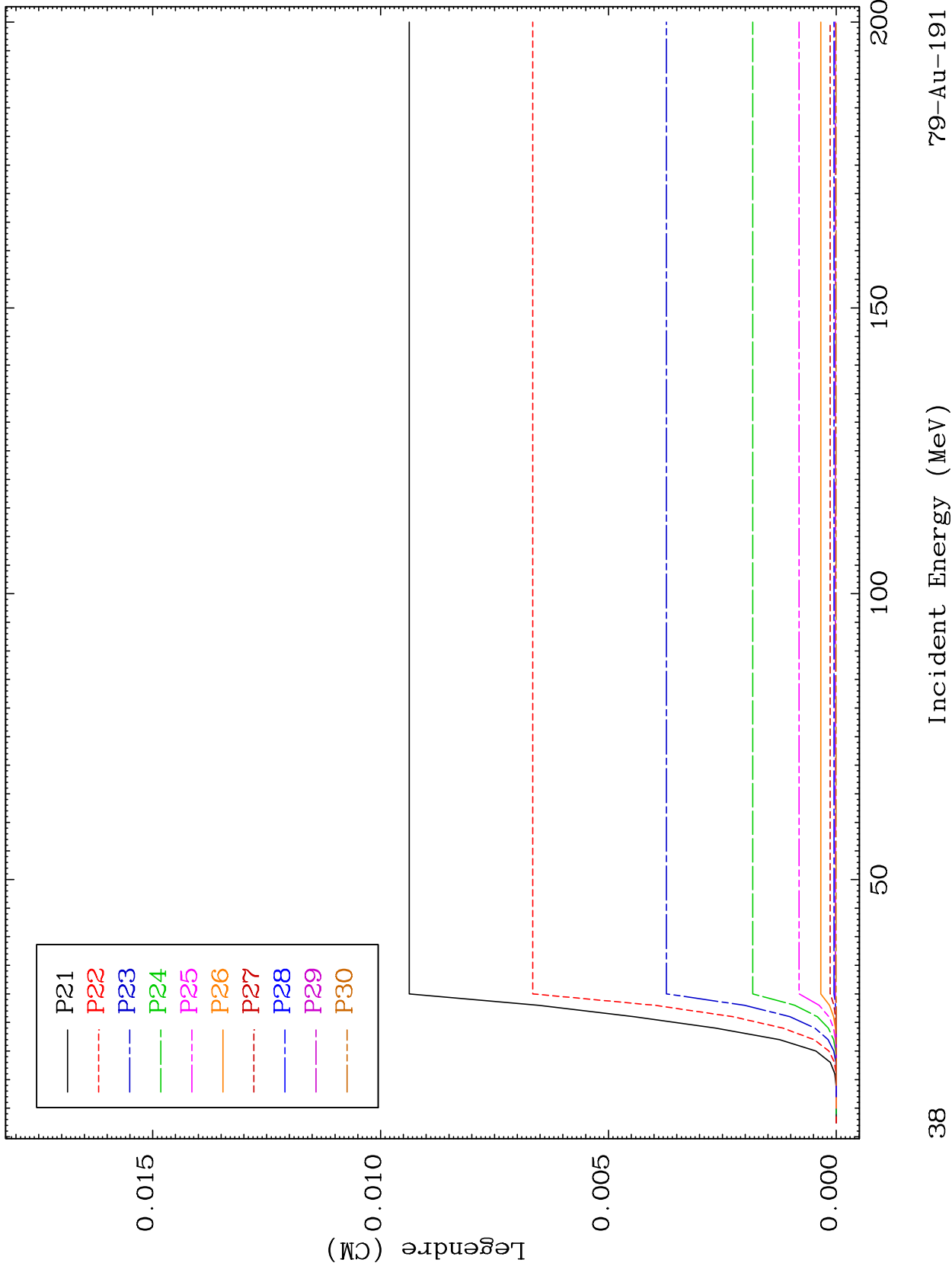
79-Au-191



37

Incident Energy (MeV)

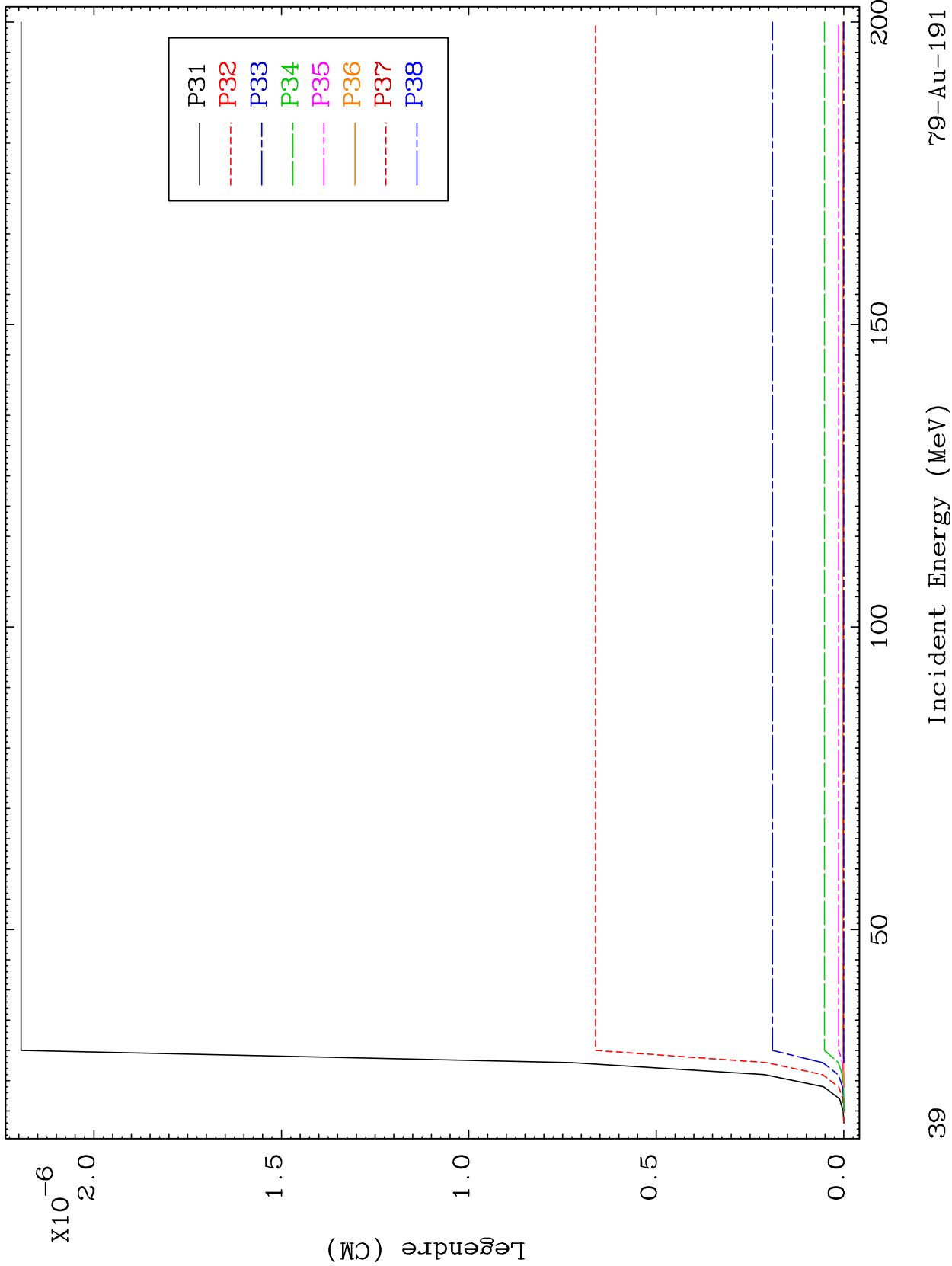
79-Au-191



MAT 7907

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

79-Au-191



39

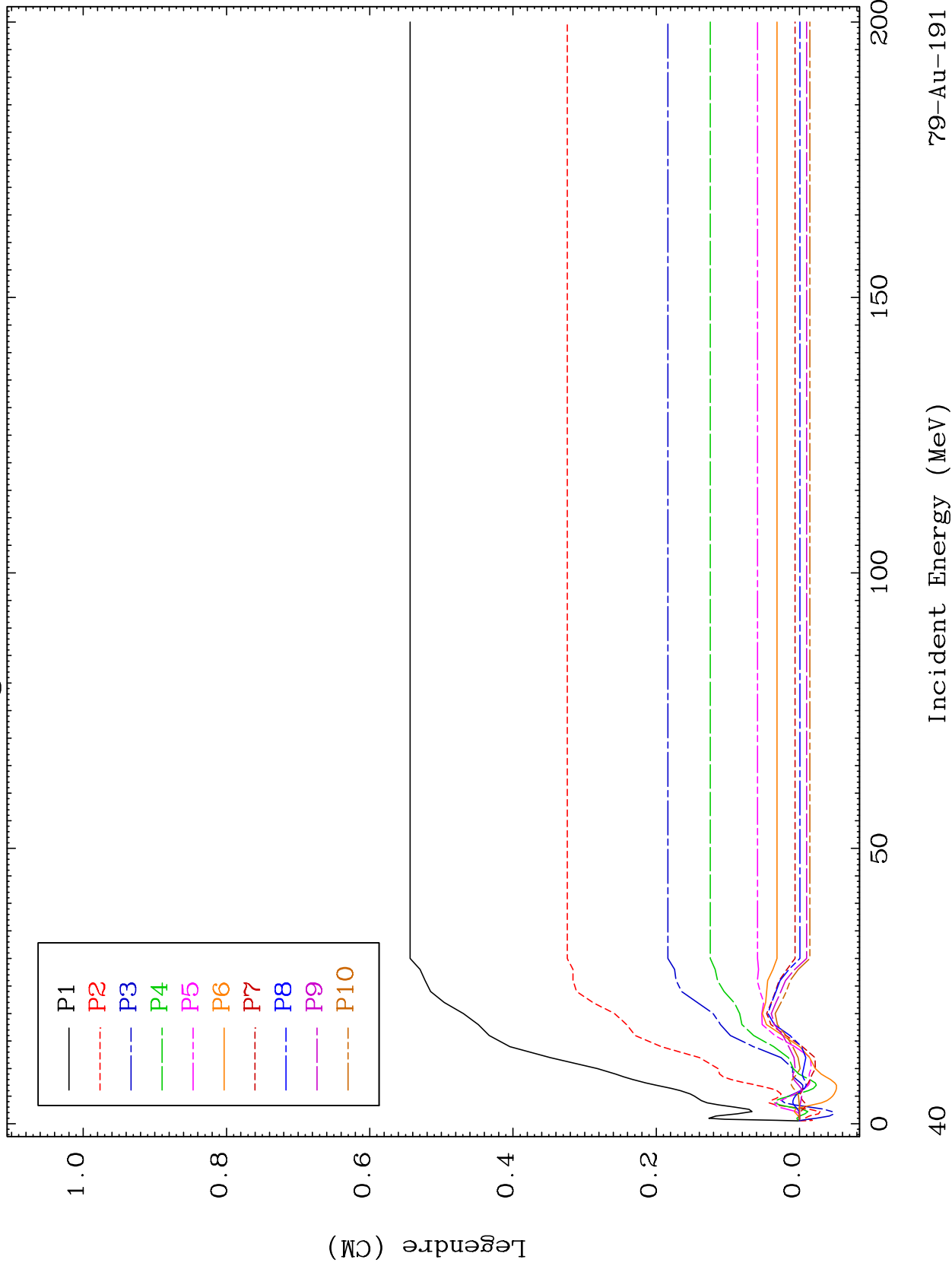
Incident Energy (MeV)

79-Au-191

MAT 7907

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

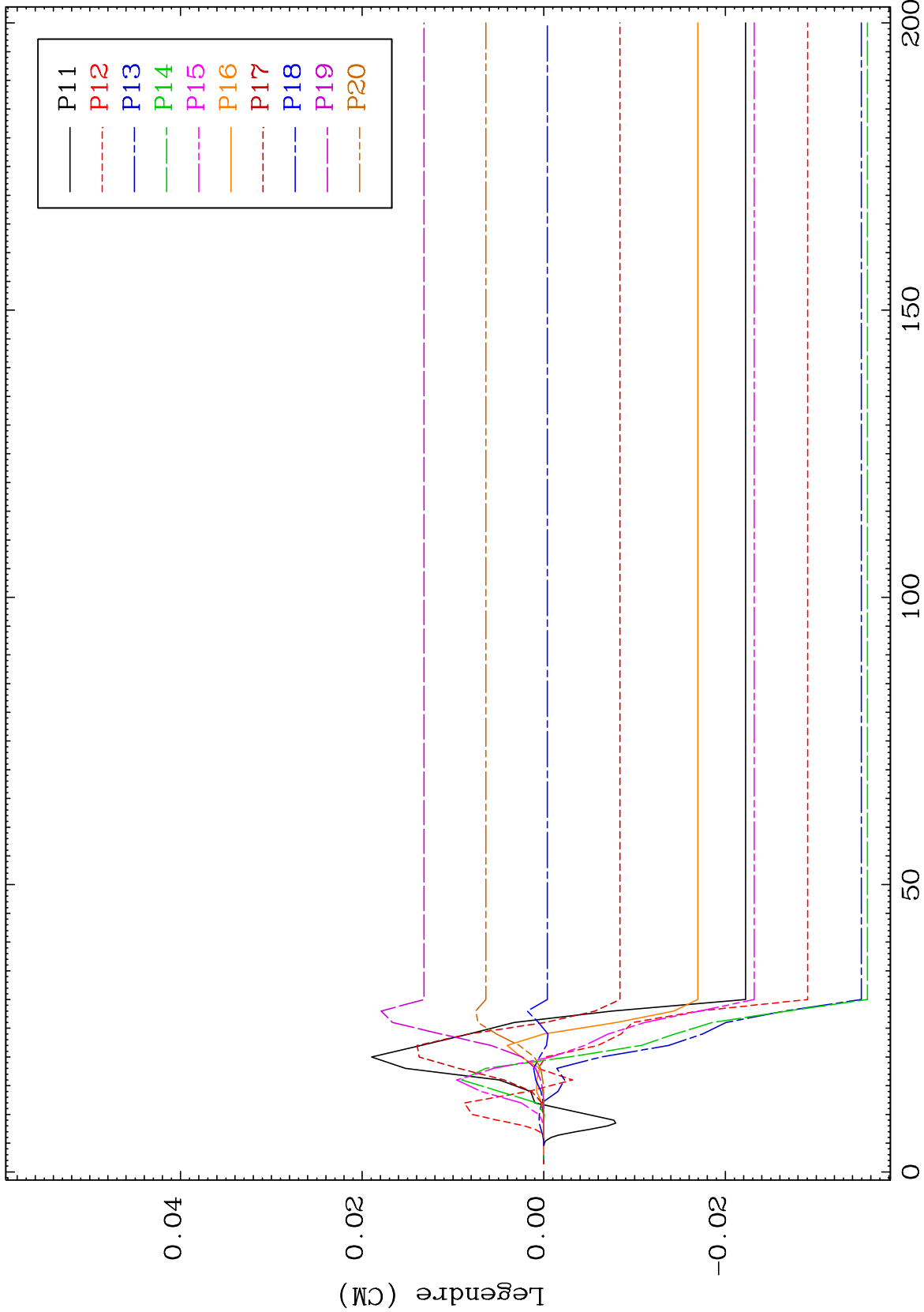
79-Au-191



MAT 7907

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

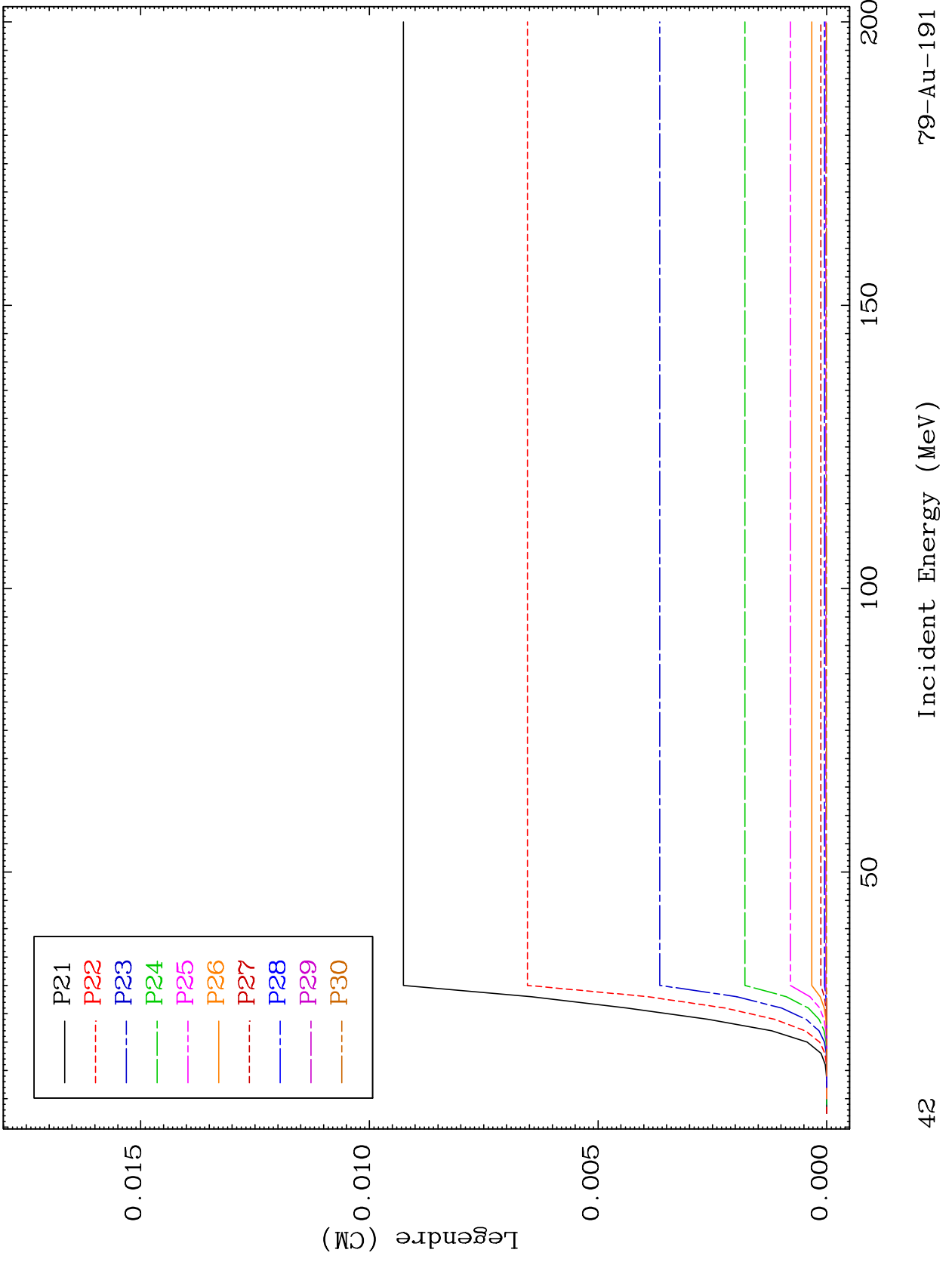
79-Au-191



MAT 7907

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

79-Au-191



42

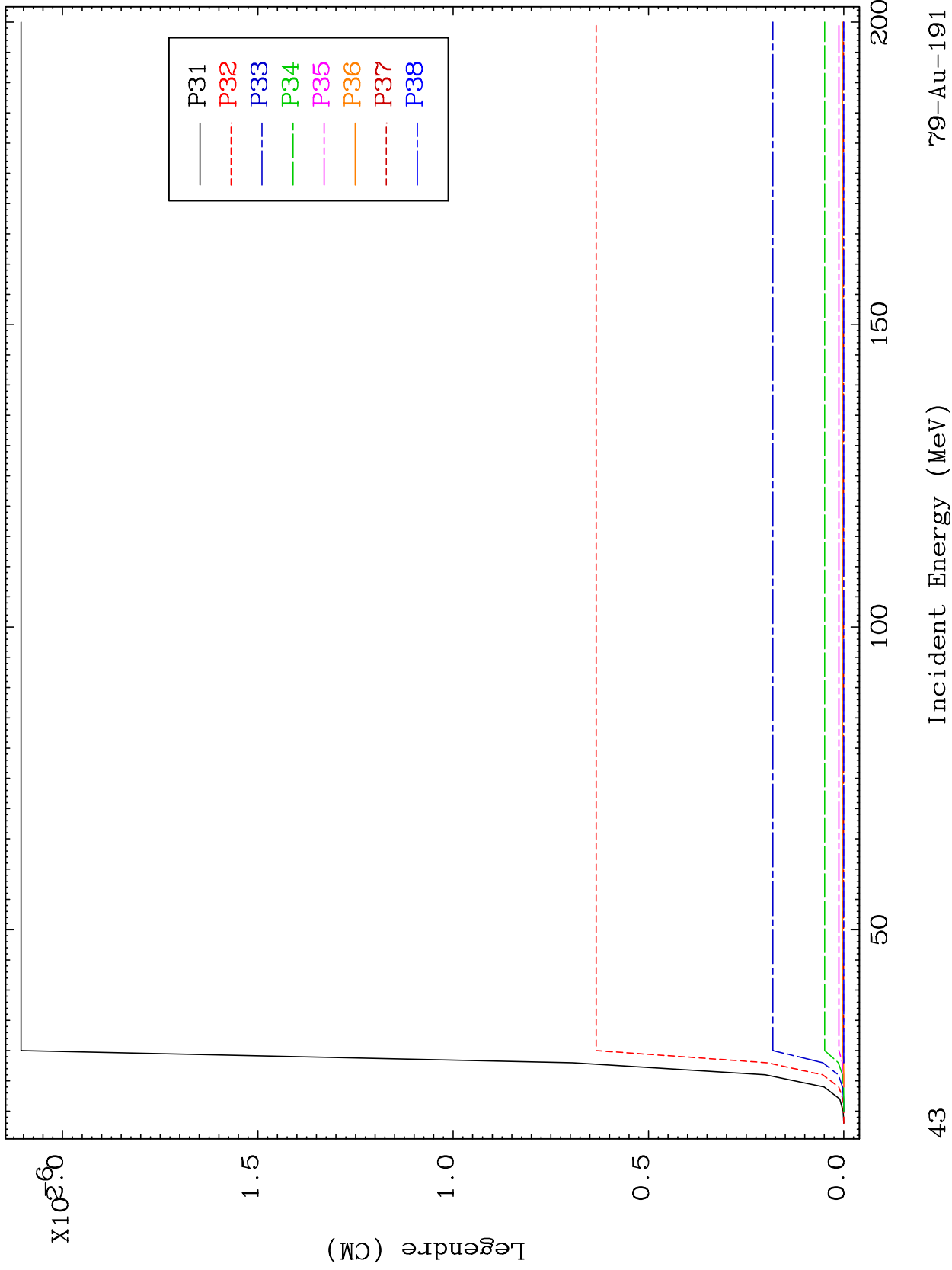
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



43

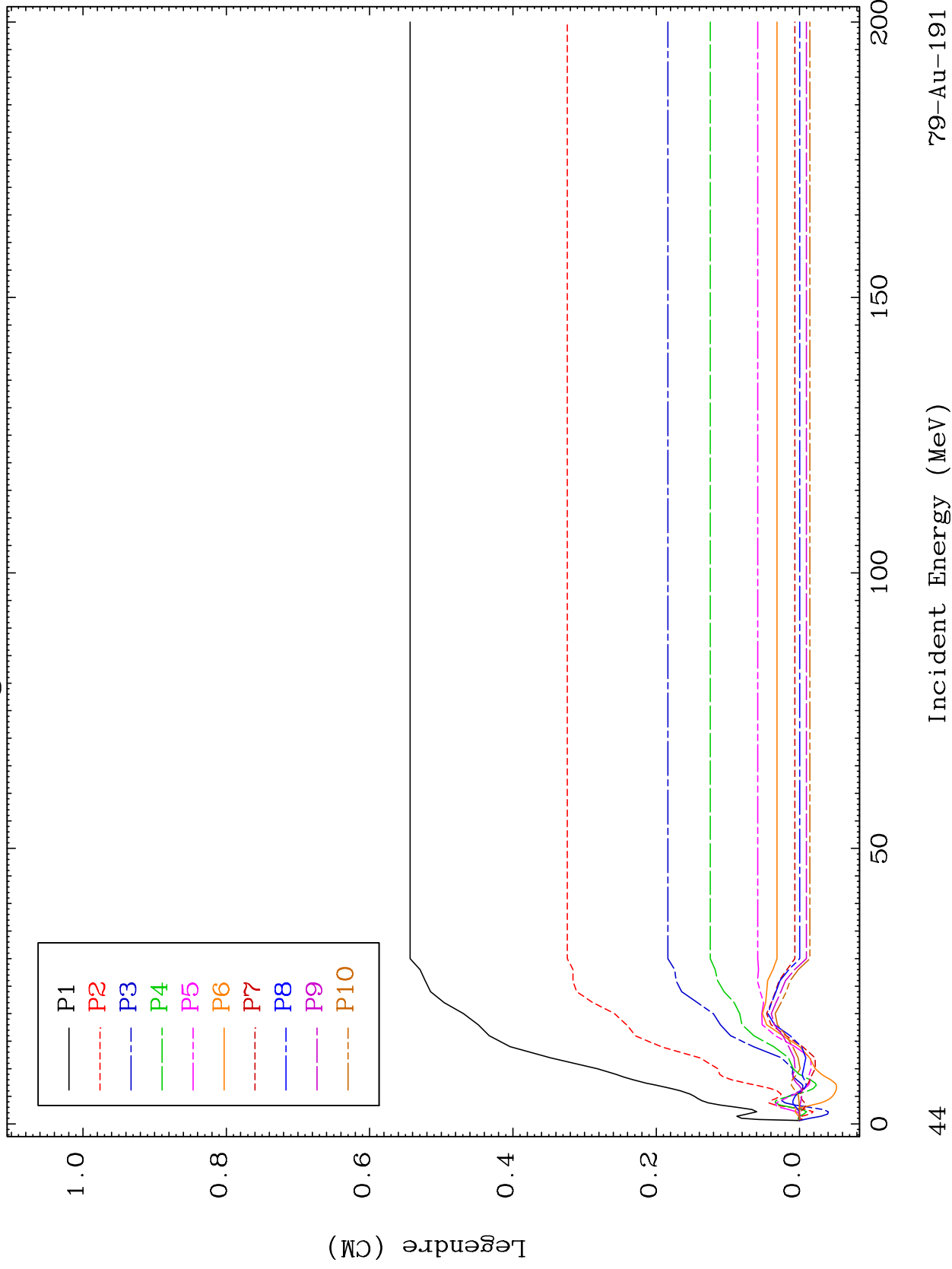
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



44

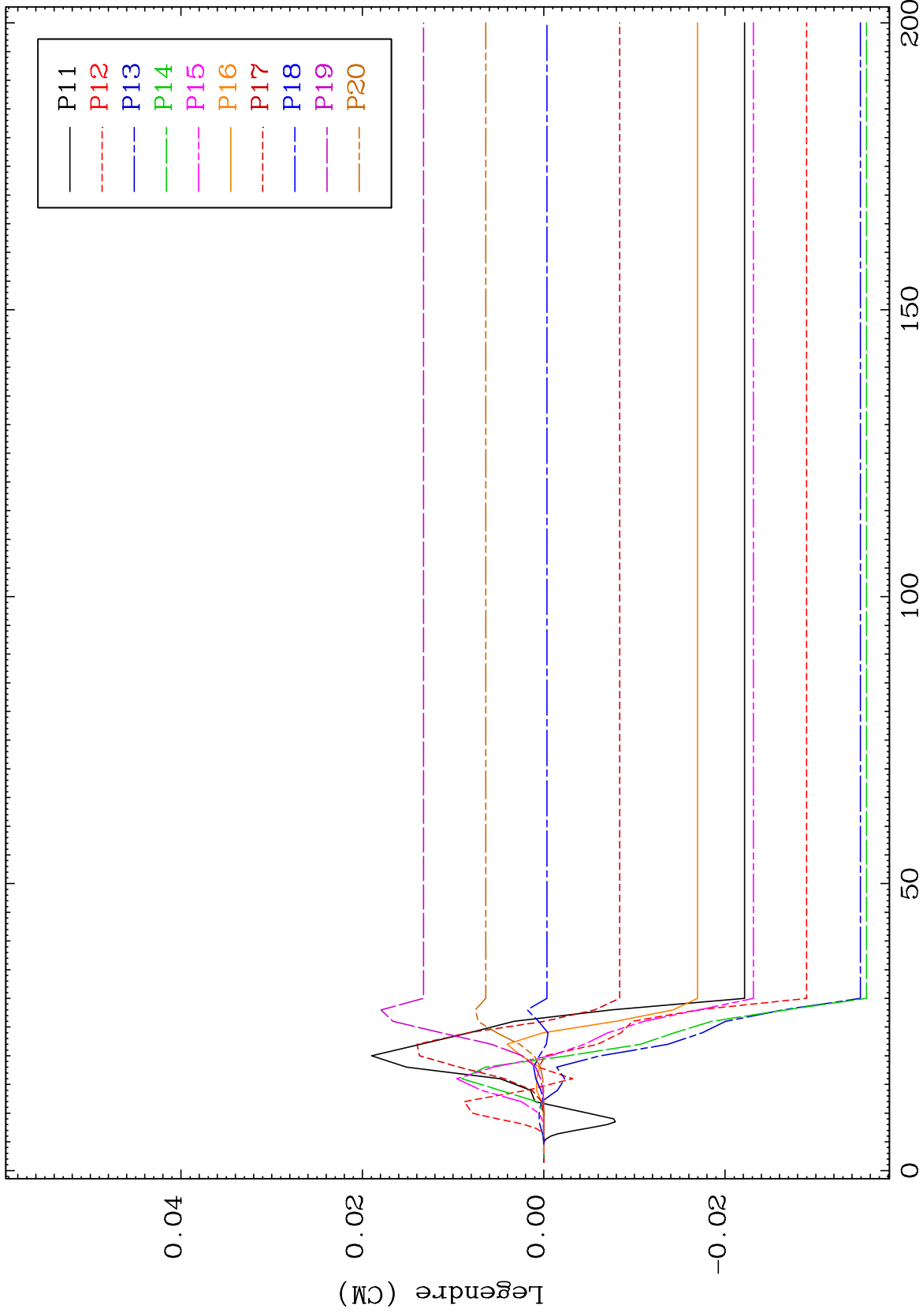
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



45

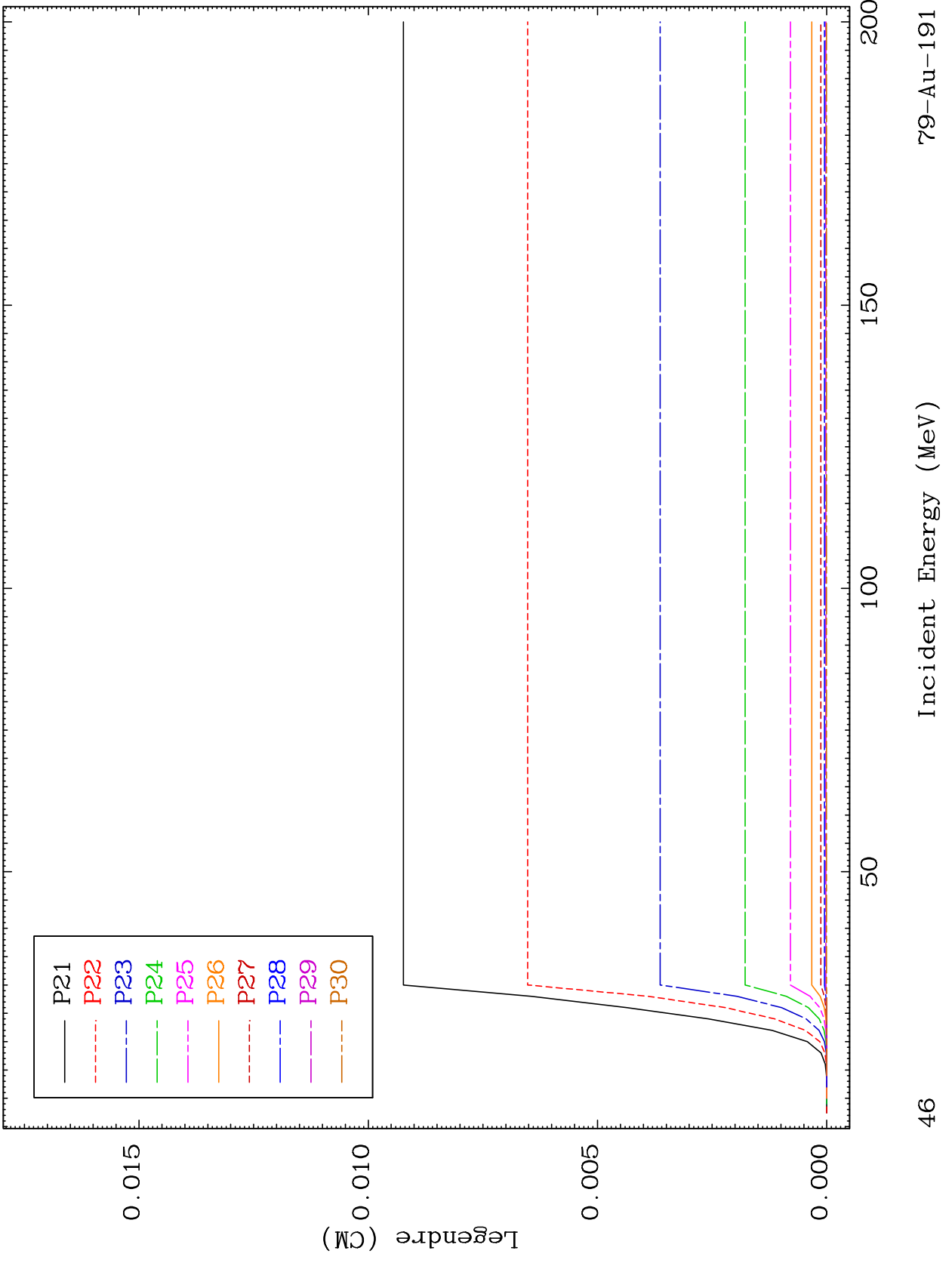
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



46

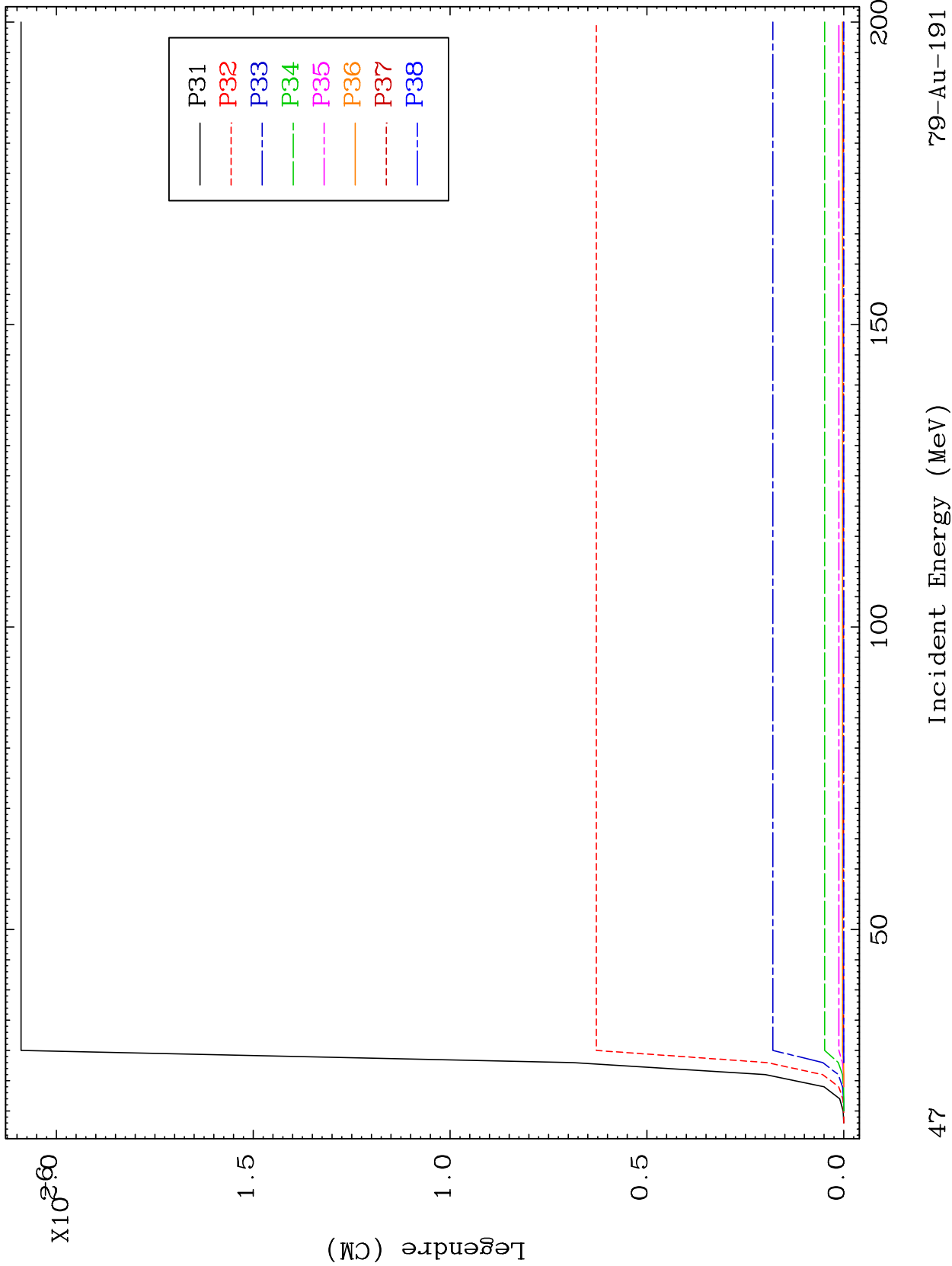
Incident Energy (MeV)

79-Au-191

MAT 7907

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

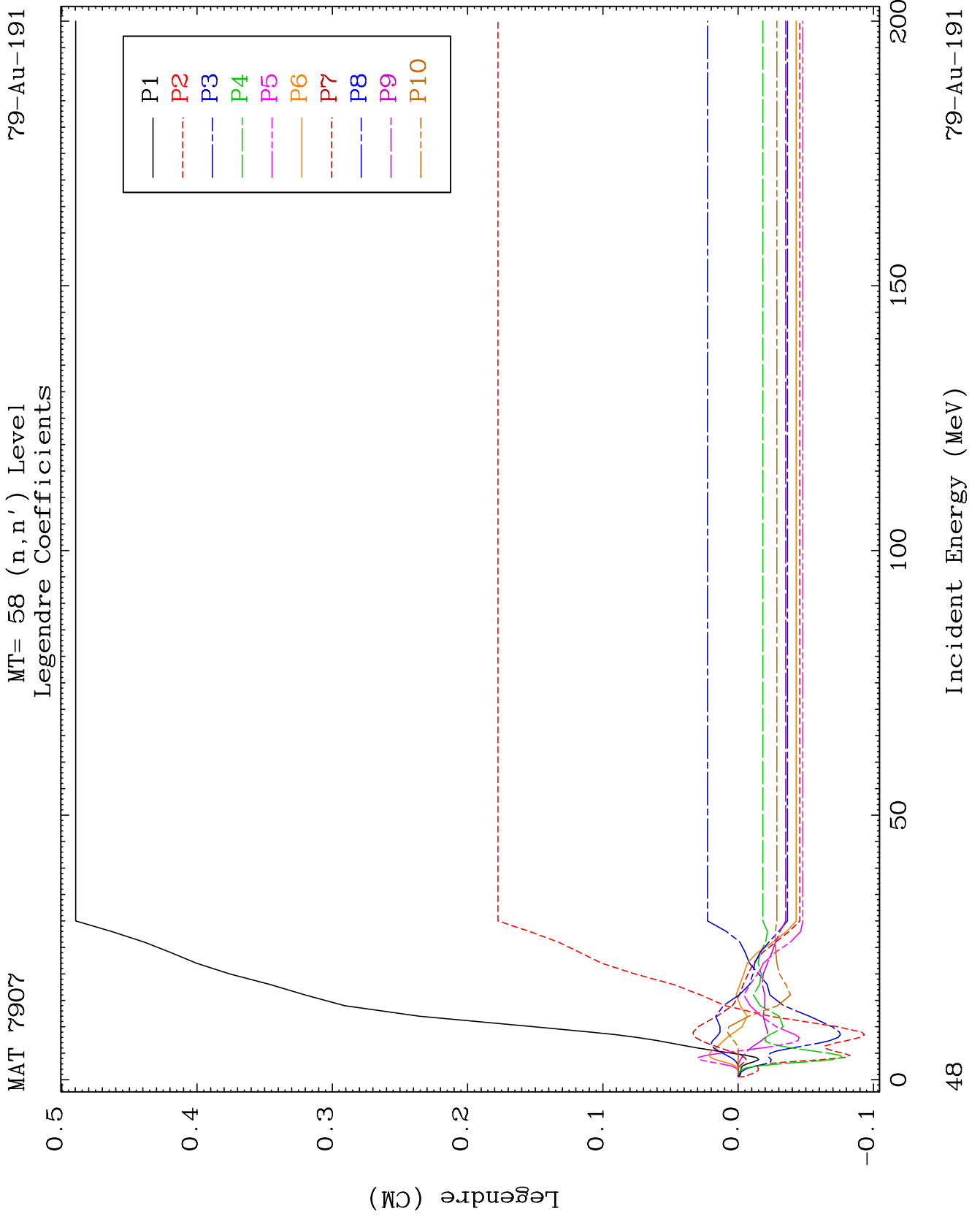
79-Au-191



47

Incident Energy (MeV)

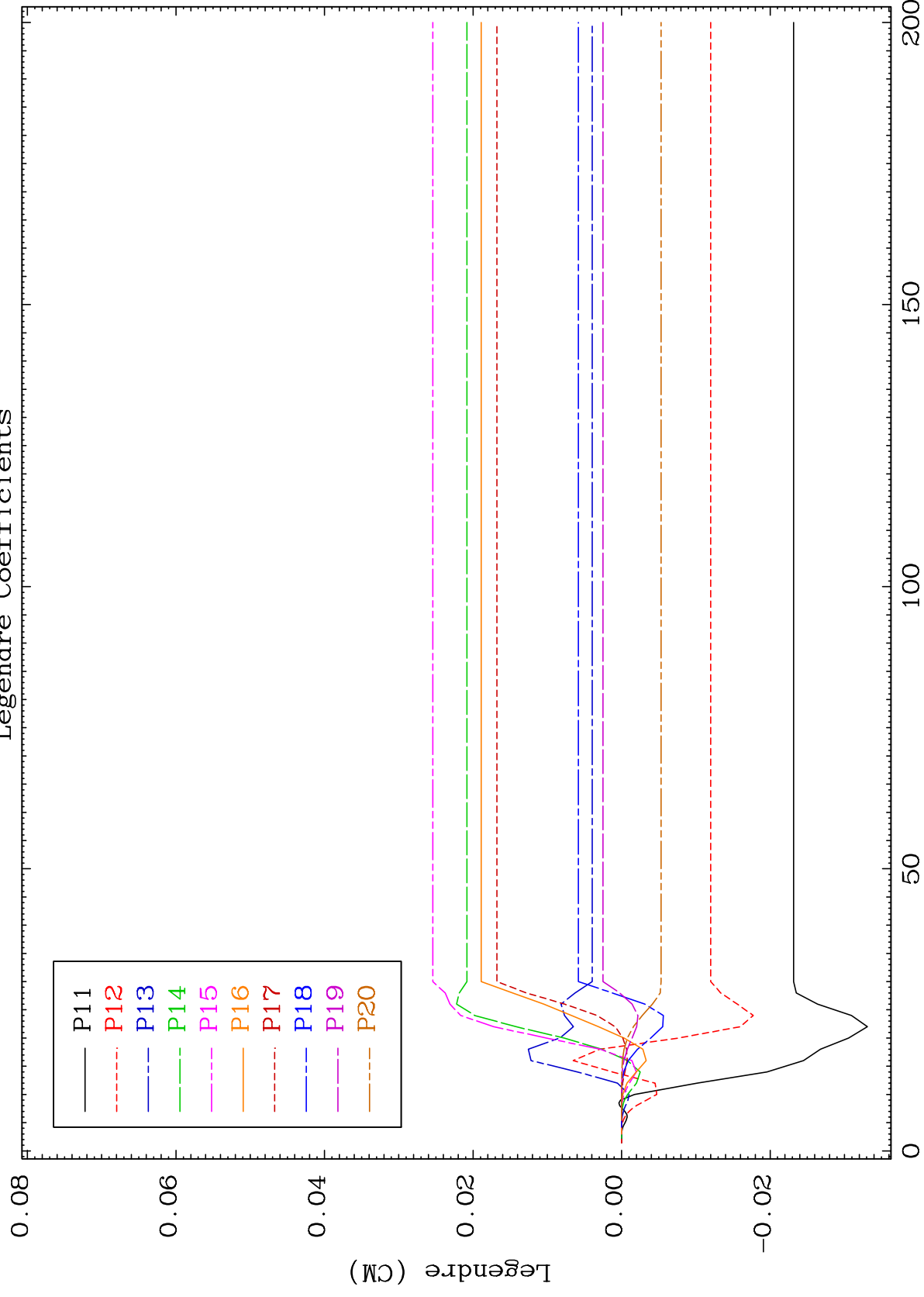
79-Au-191



MAT 7907

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

79-Au-191



49

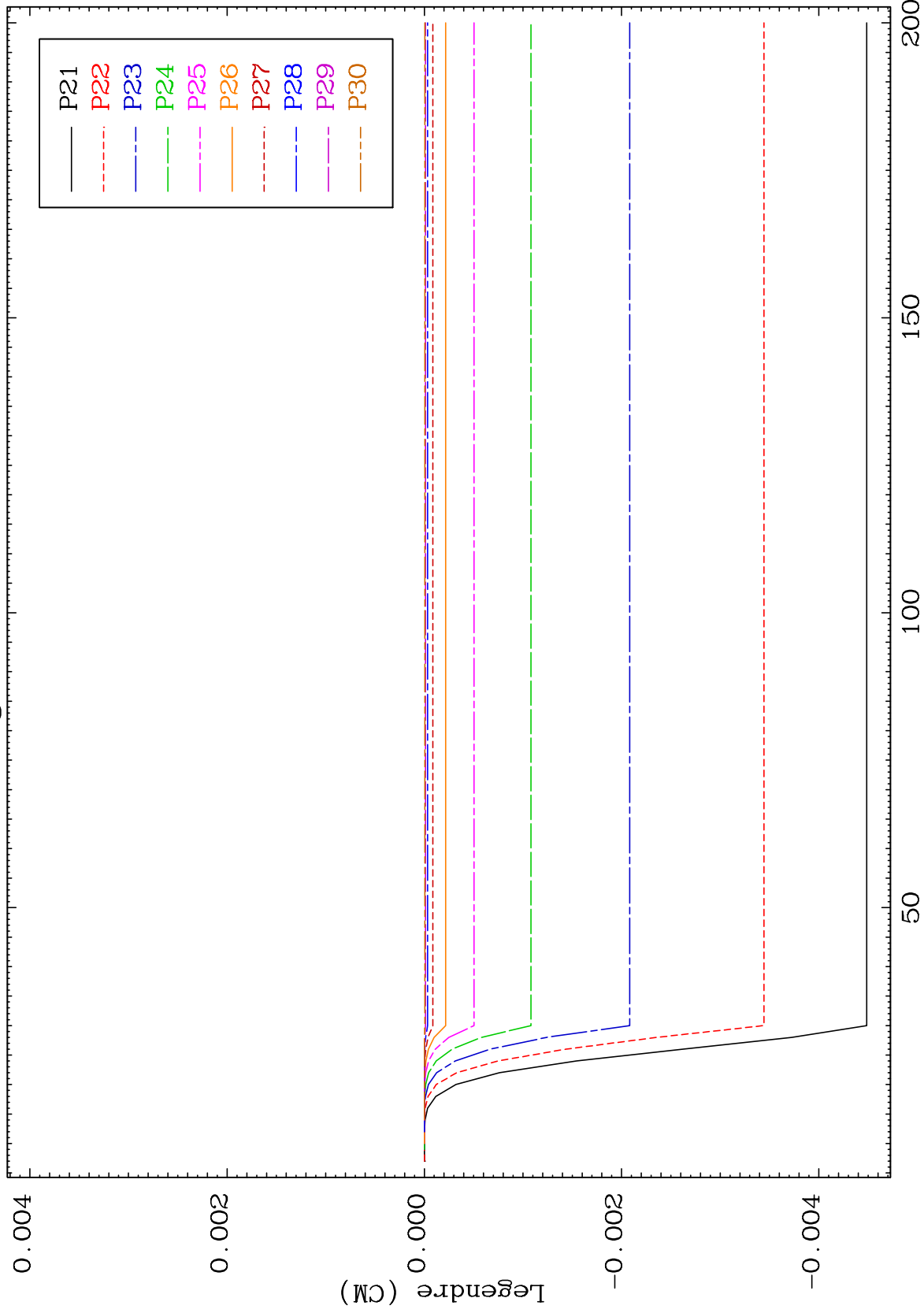
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



50

Incident Energy (MeV)

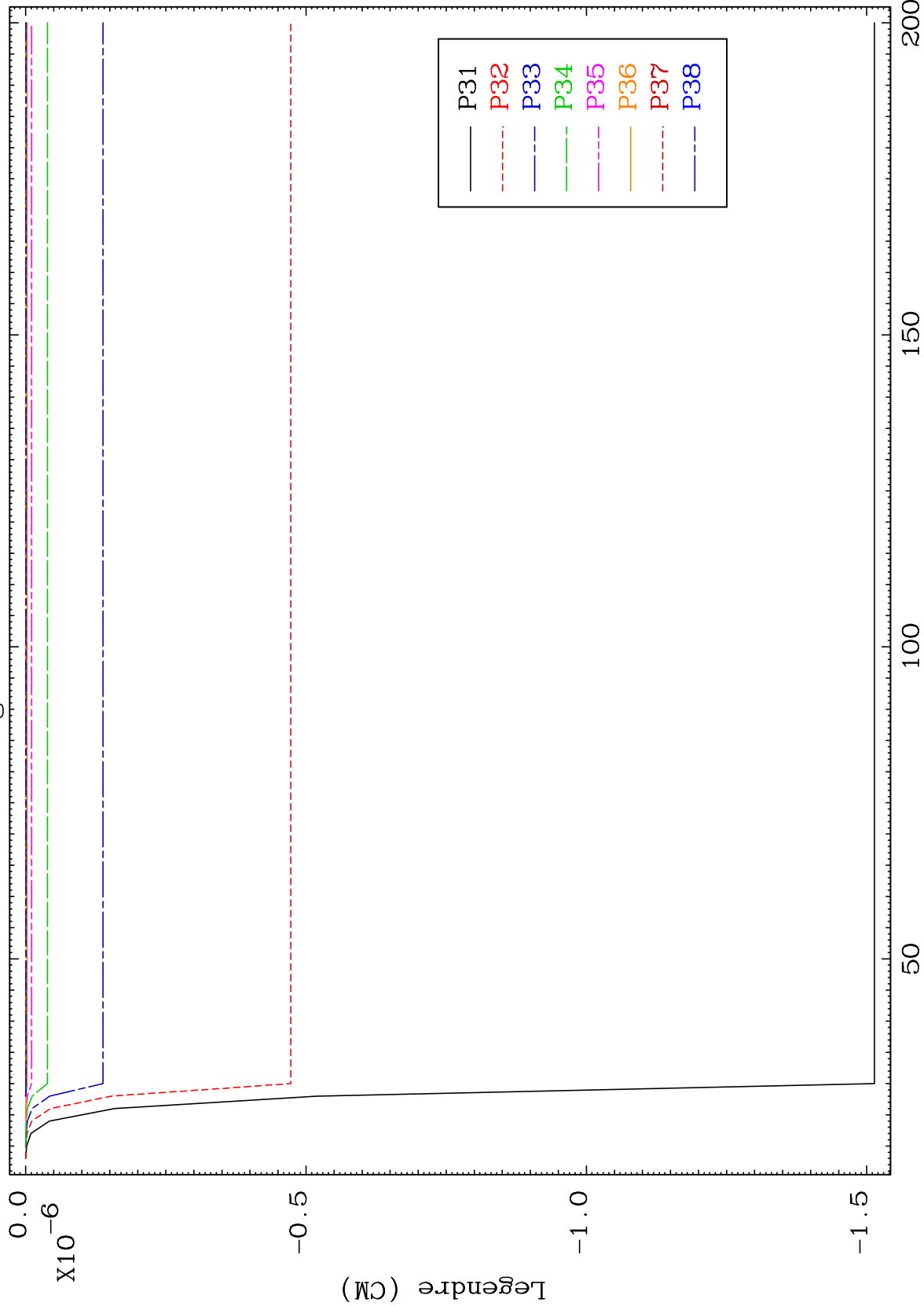
79-Au-191

MAT 7907

MT= 58 (n,n') Level

79-Au-191

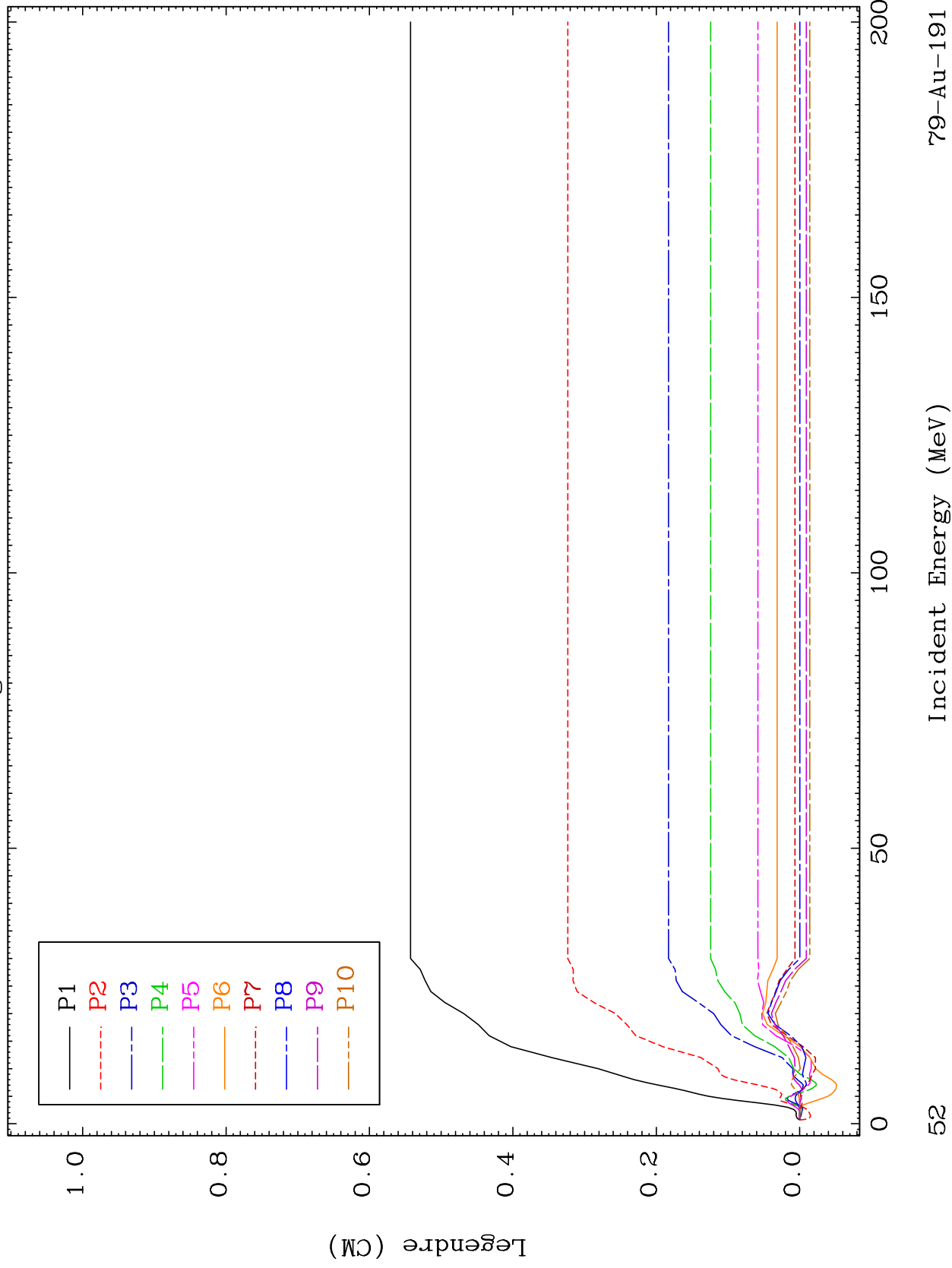
Legendre Coefficients



MAT 7907

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

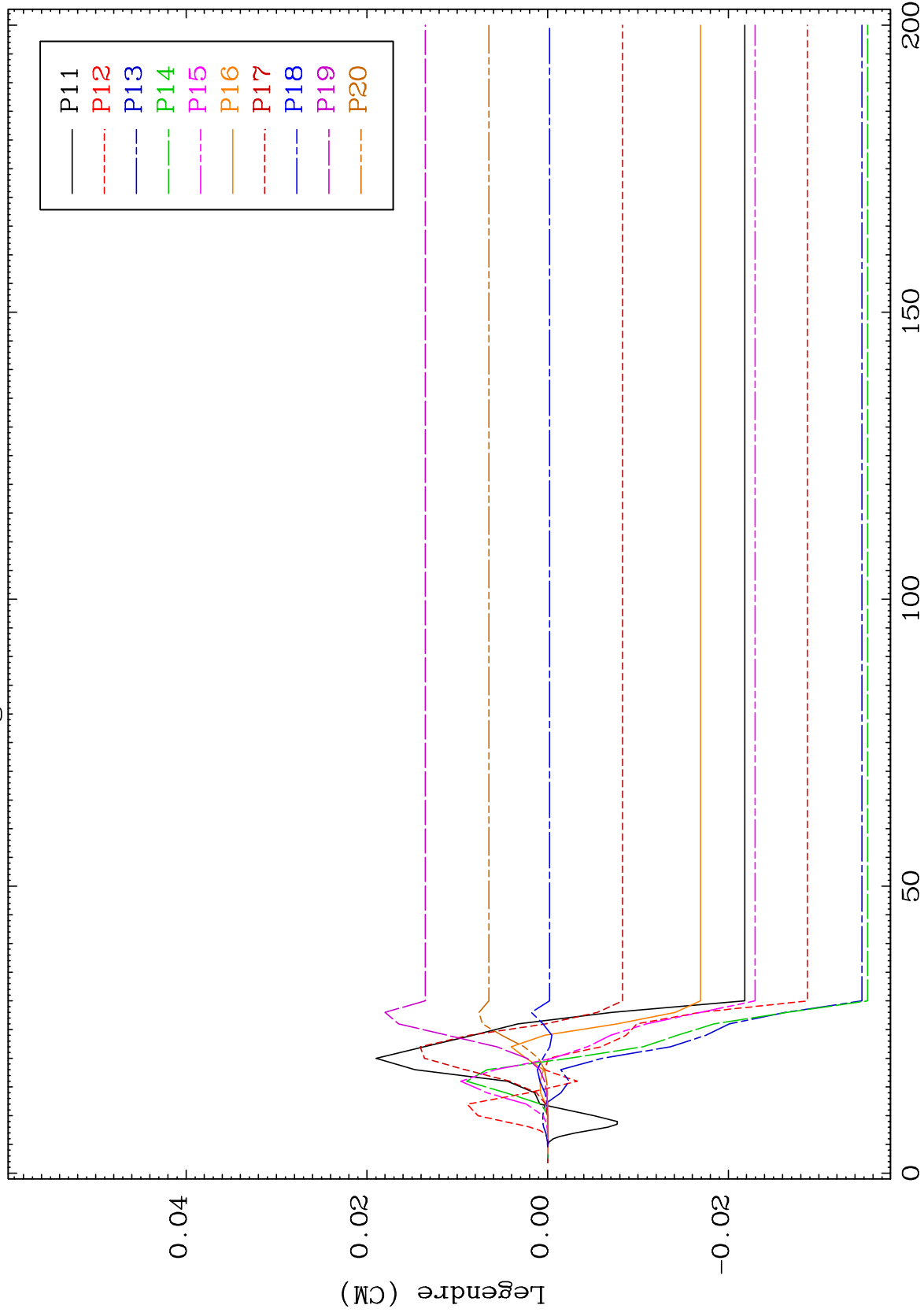
79-Au-191



MAT 7907

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

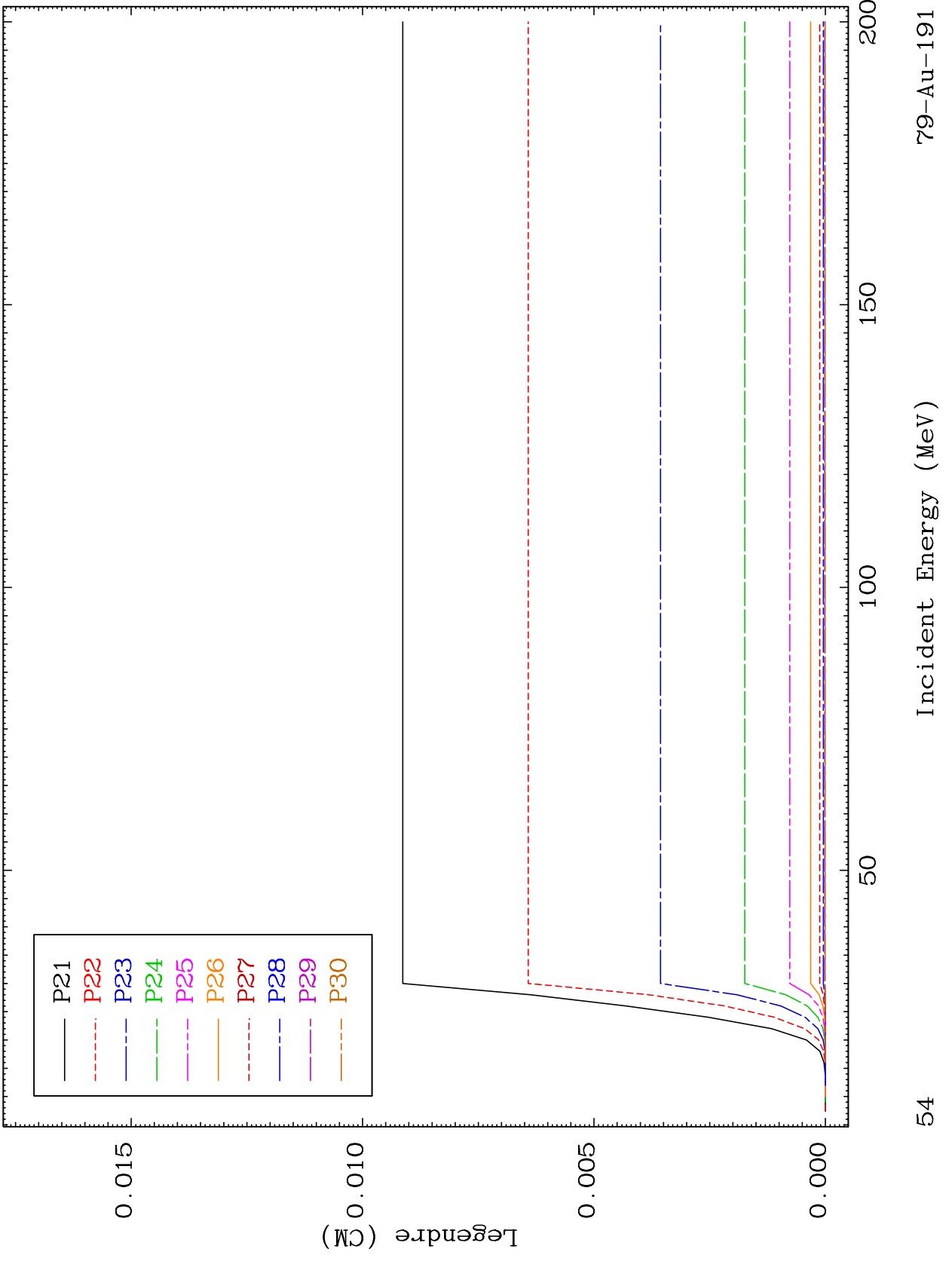
79-Au-191



53

Incident Energy (MeV)

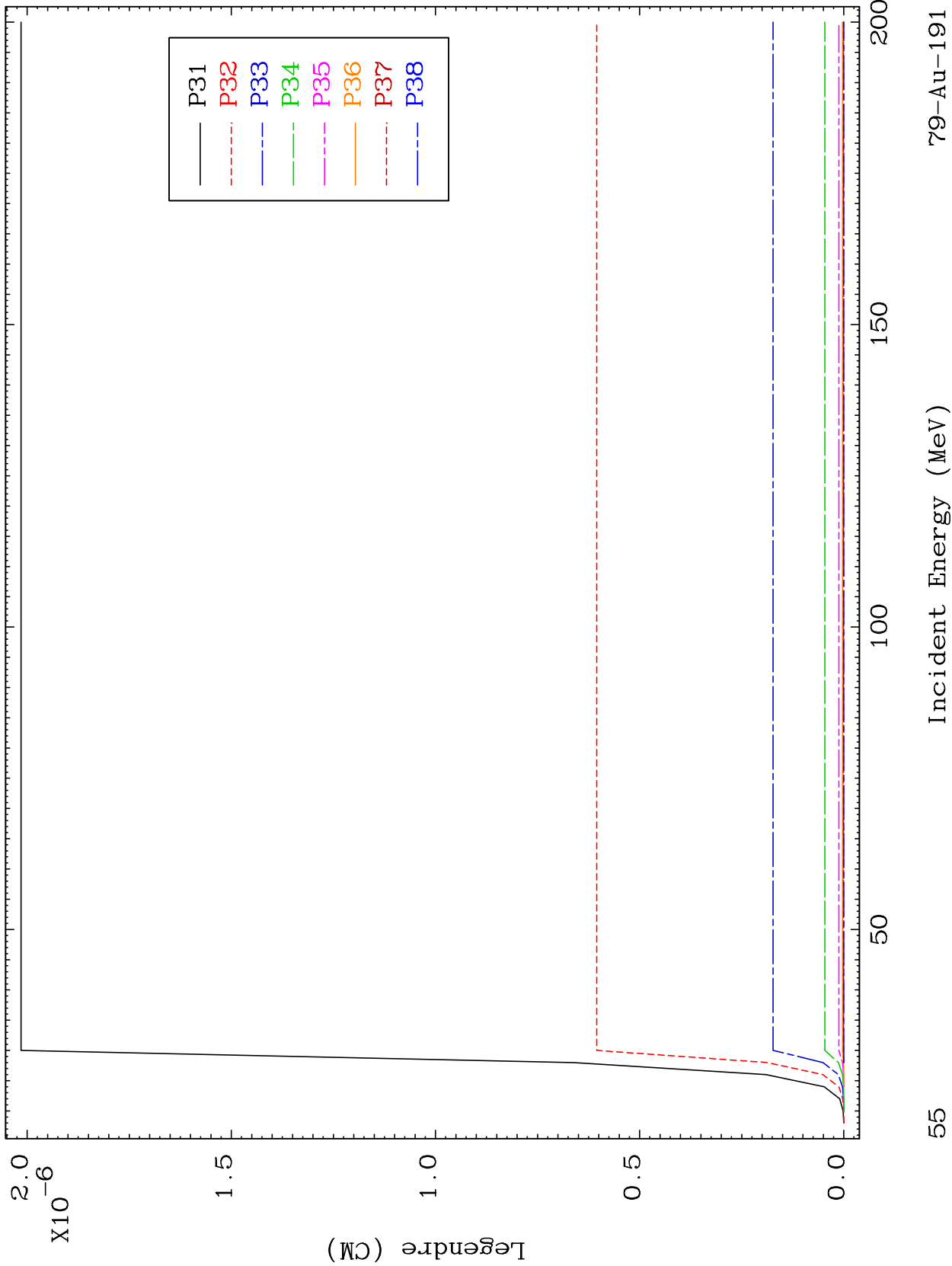
79-Au-191



MAT 7907

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

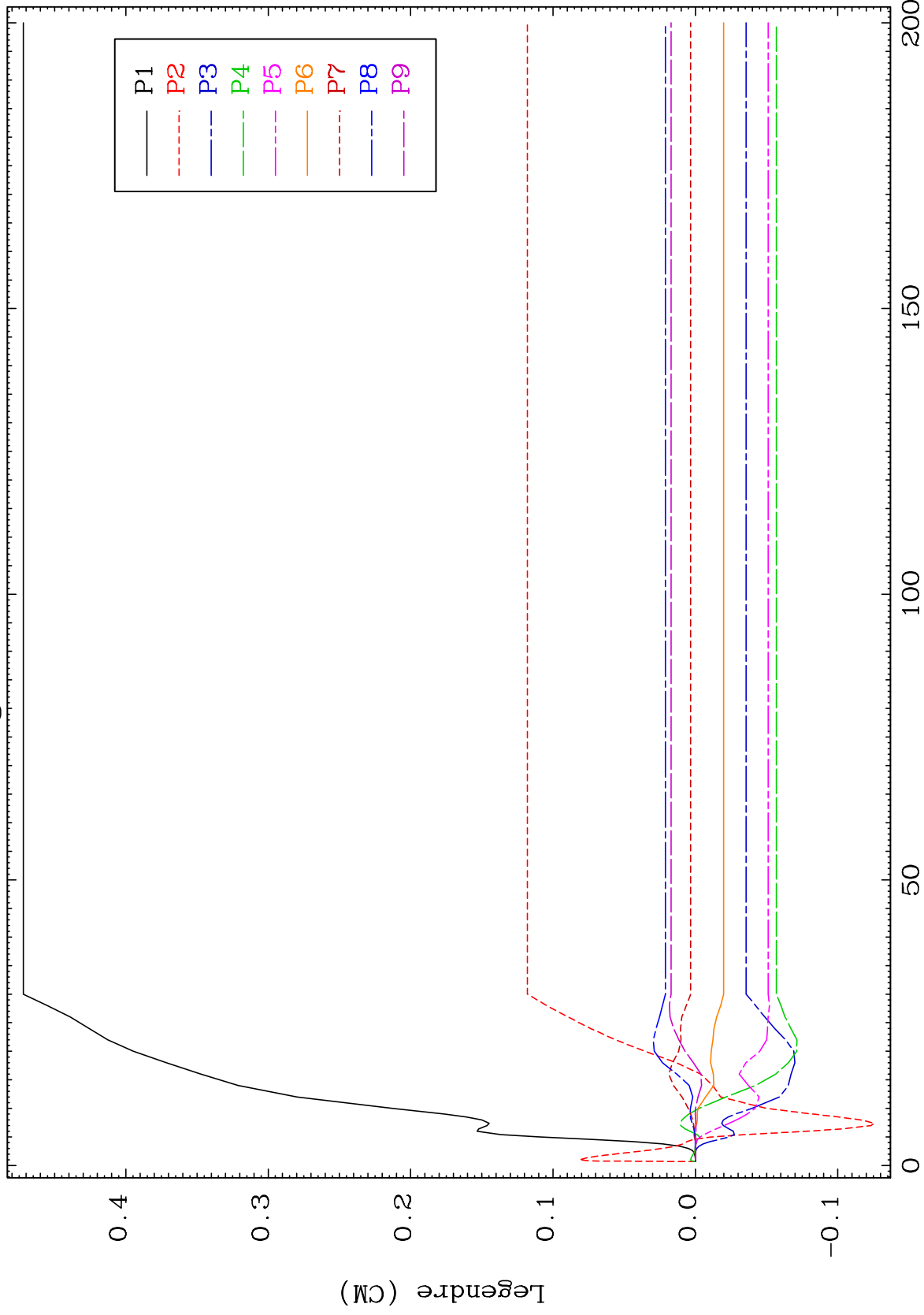
79-Au-191



MAT 7907

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

79-Au-191



56

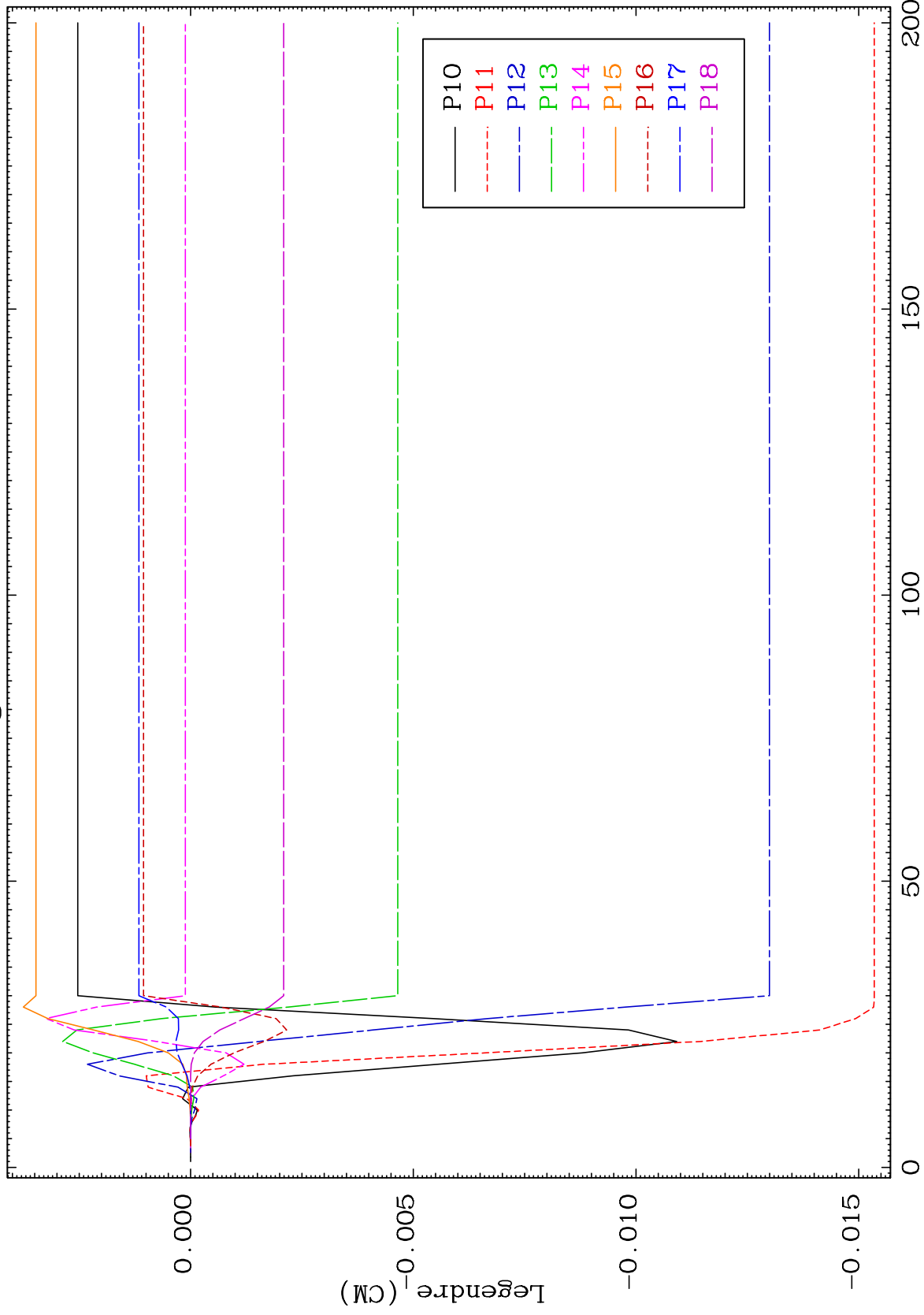
Incident Energy (MeV)

79-Au-191

MAT 7907

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

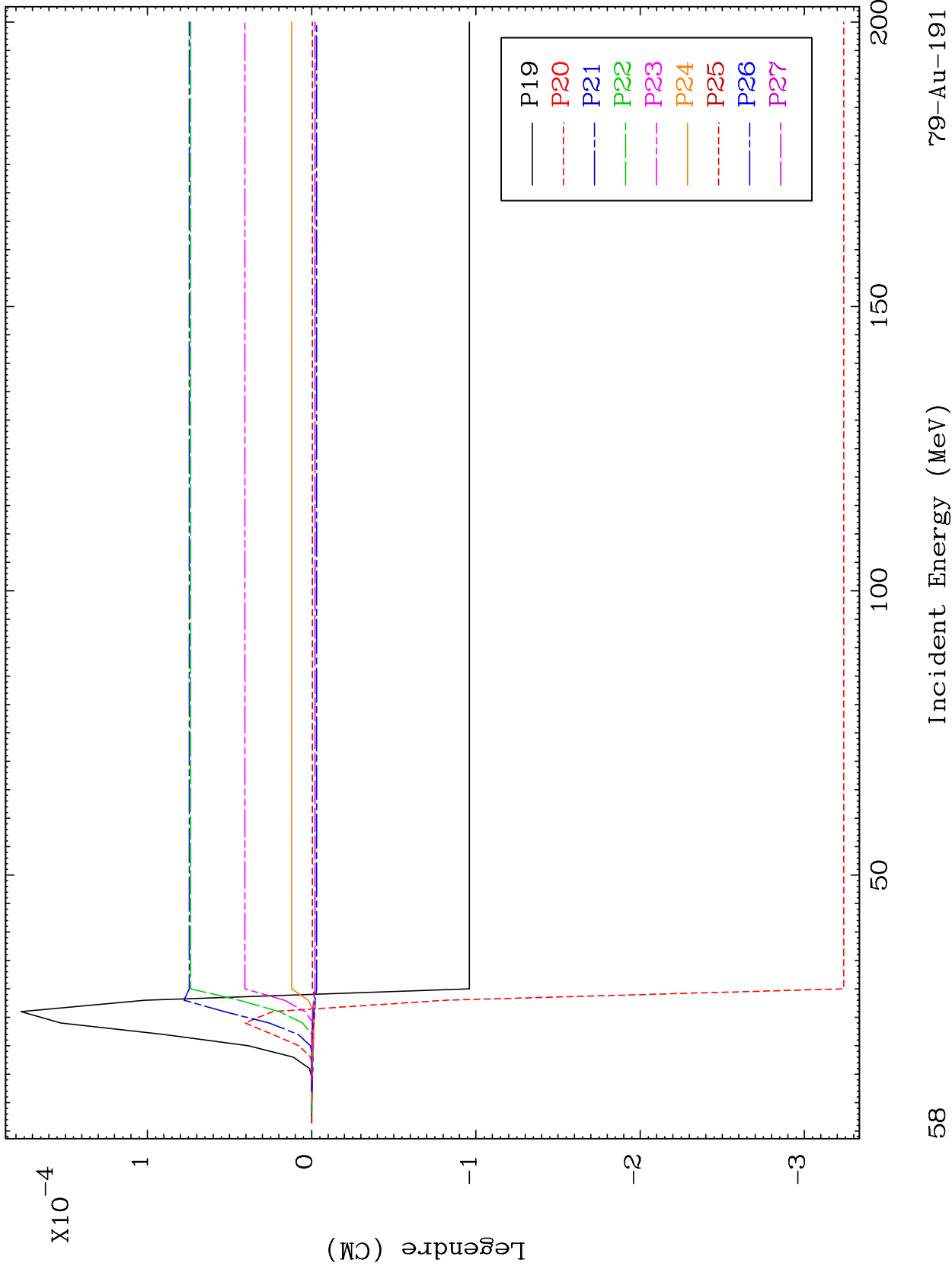
79-Au-191



57

Incident Energy (MeV)

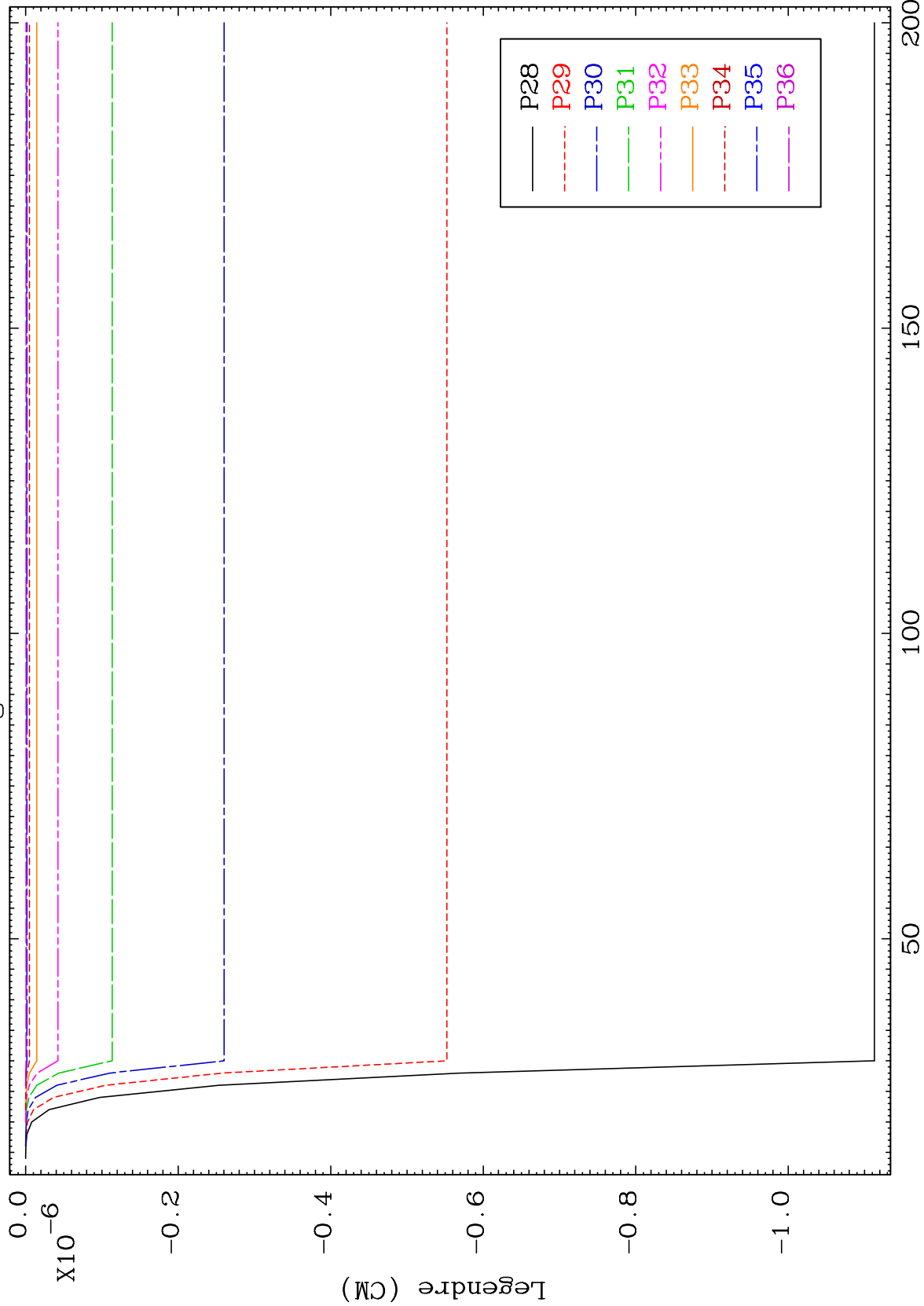
79-Au-191



MAT 7907

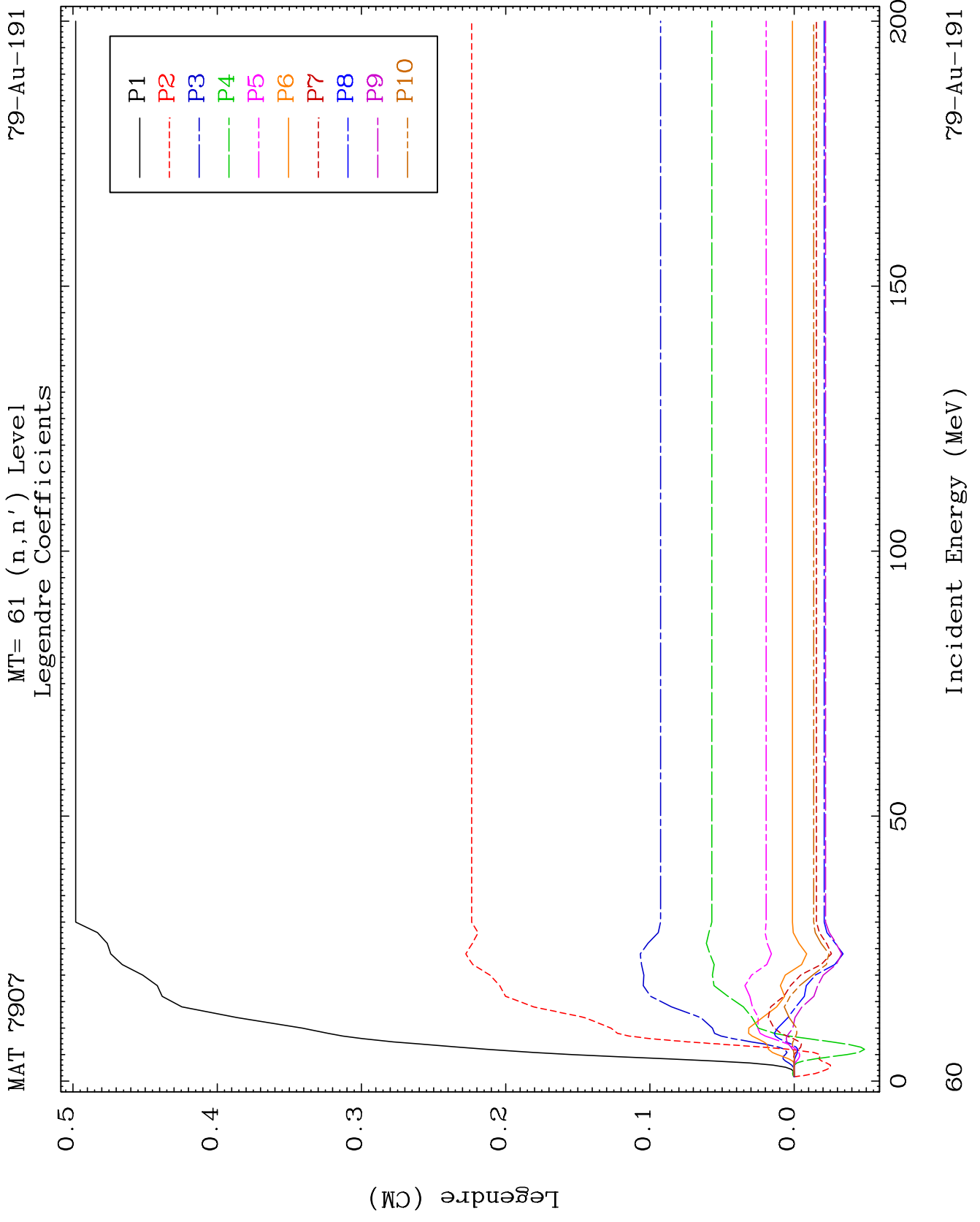
MT= 60 (n,n') Level
Legendre Coefficients

79-Au-191



59

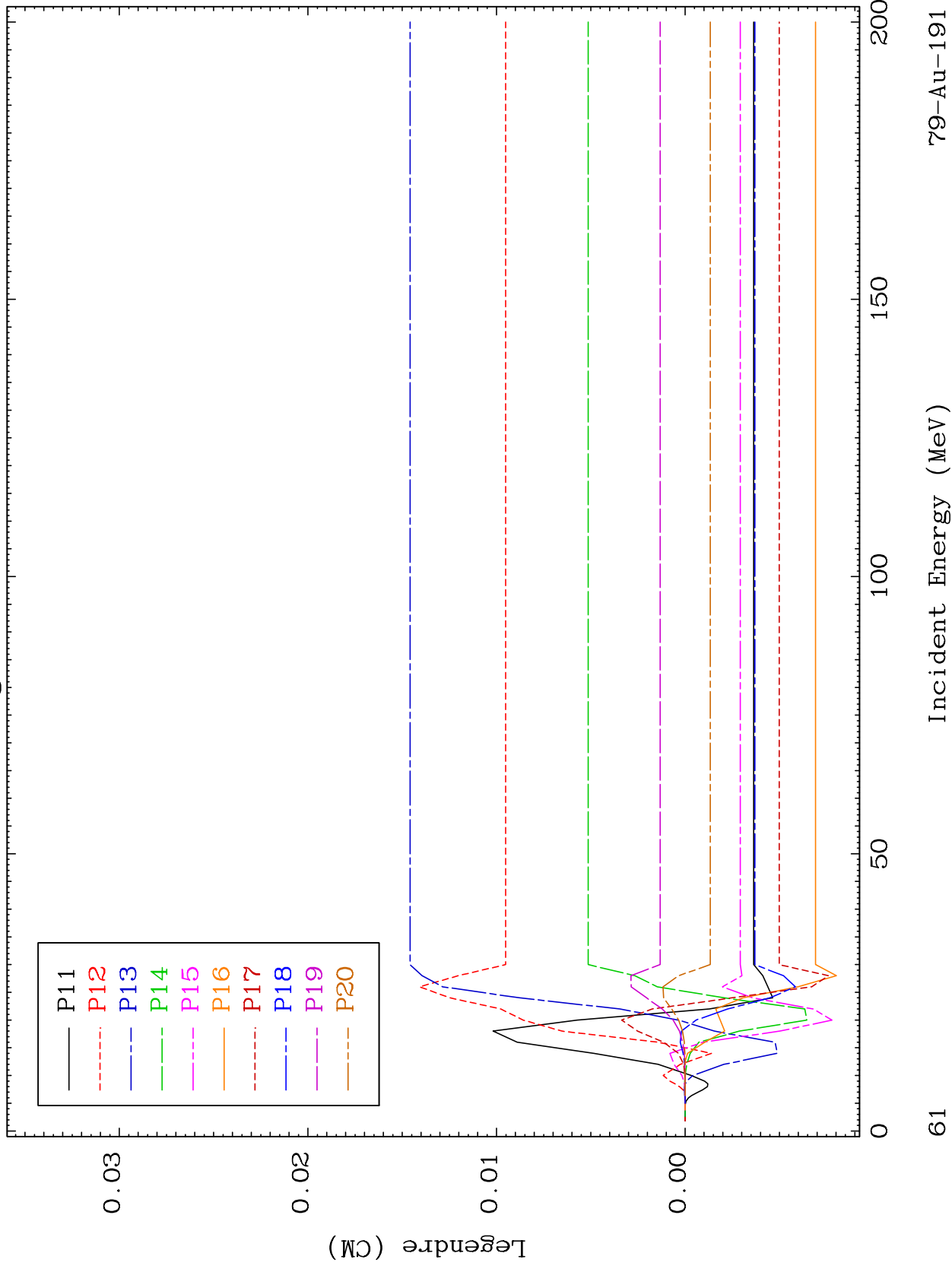
79-Au-191

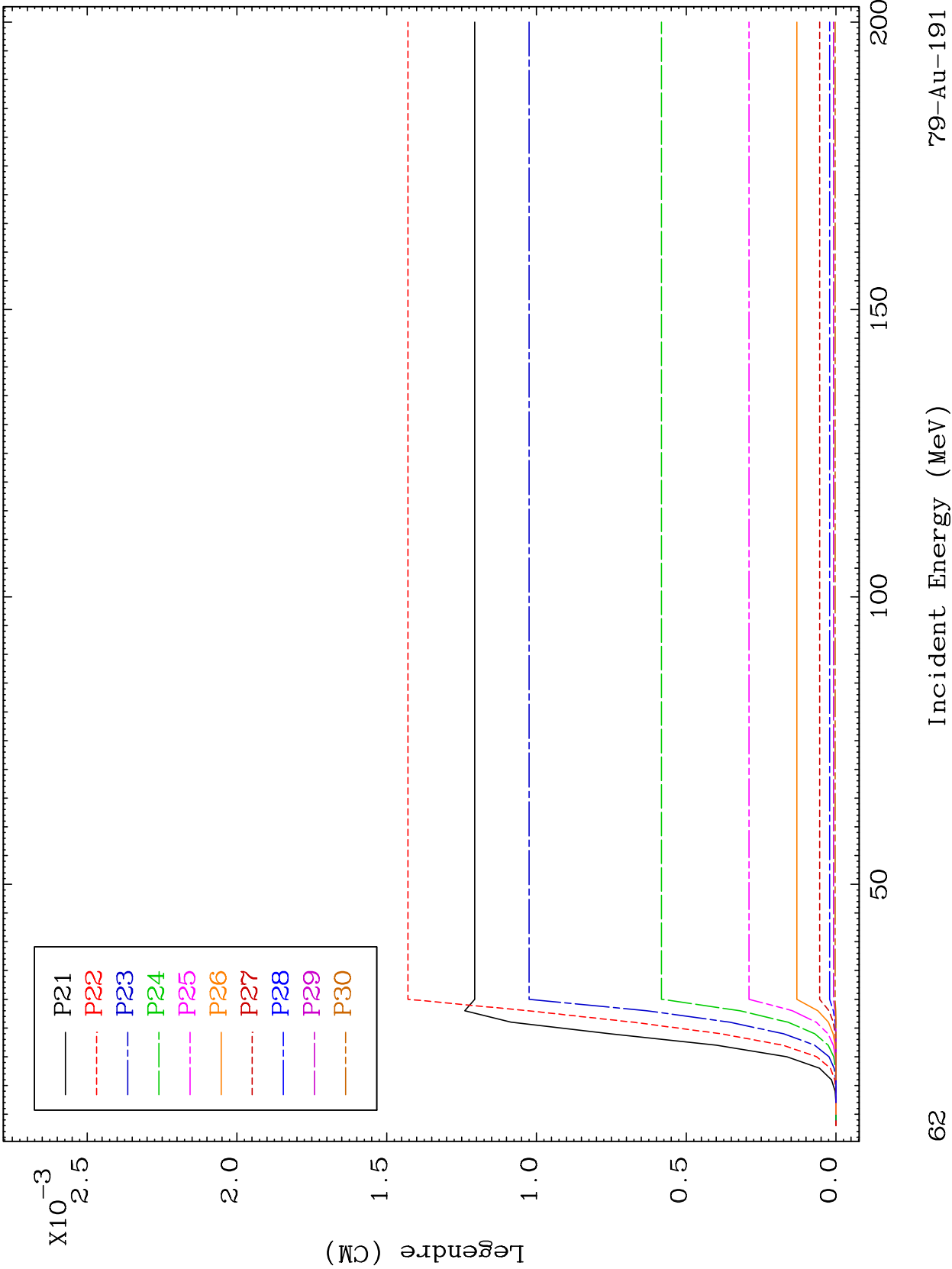


MAT 7907

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

79-Au-191

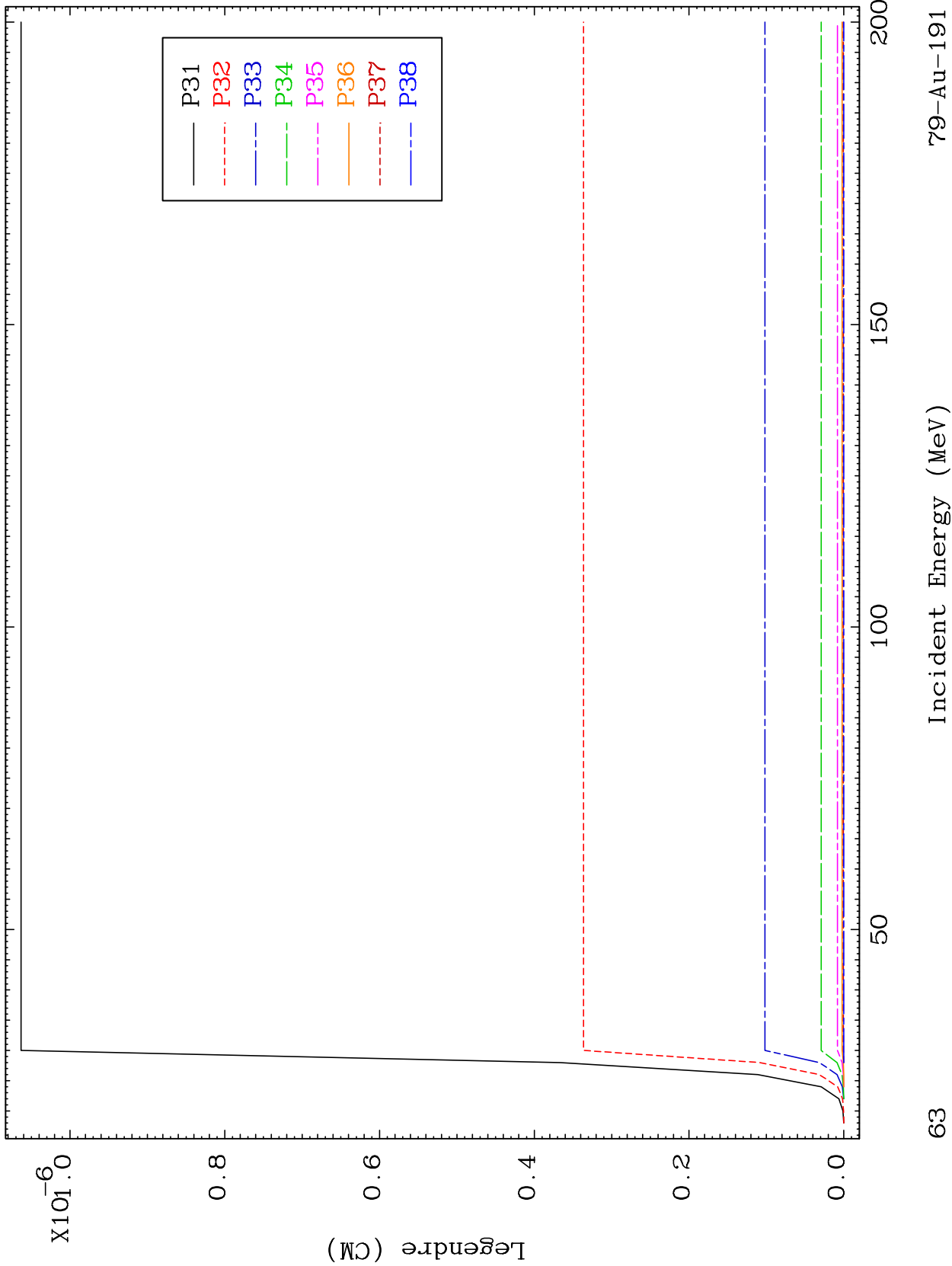




MAT 7907

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

79-Au-191



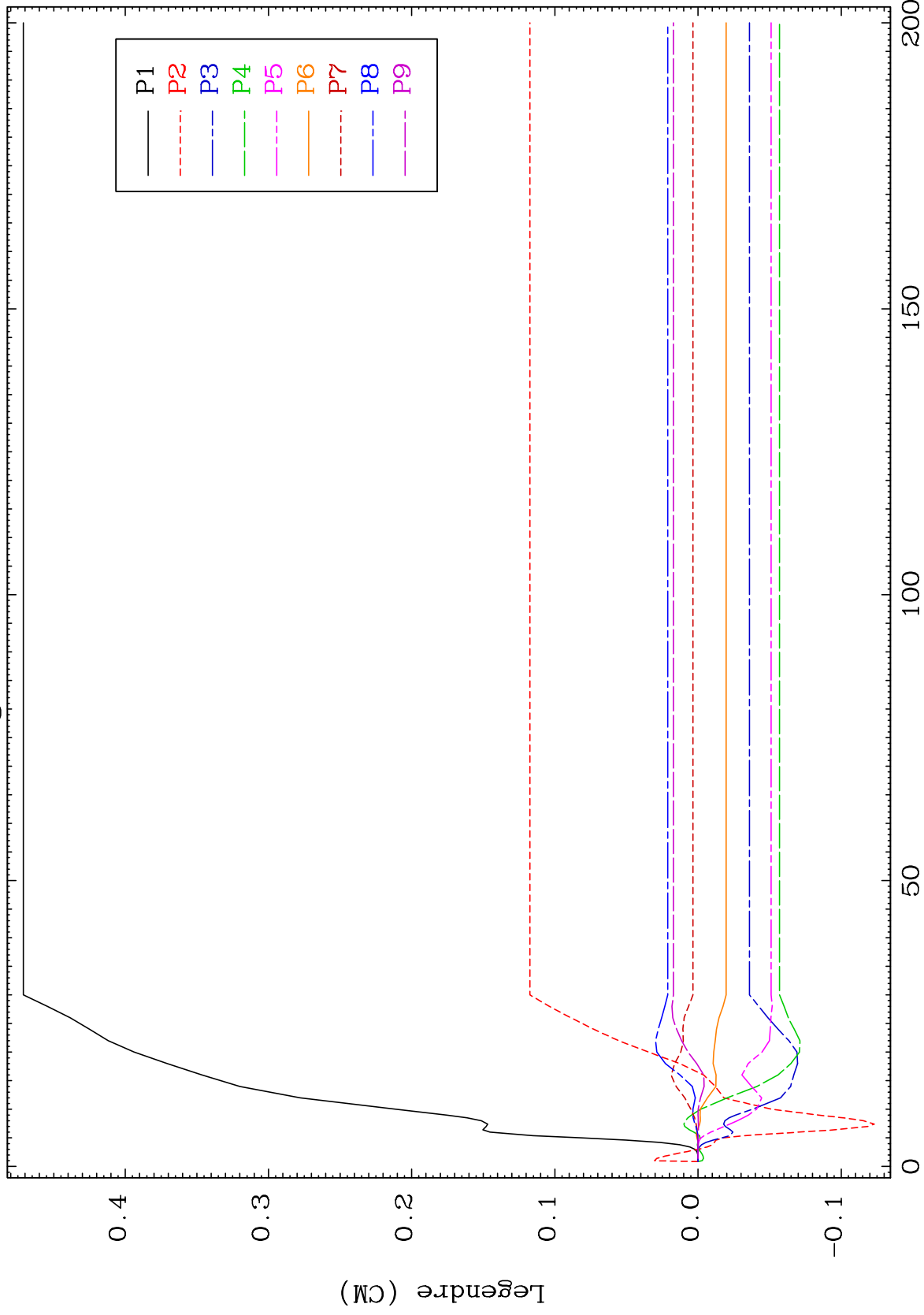
63

79-Au-191

MAT 7907

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

79-Au-191



79-Au-191

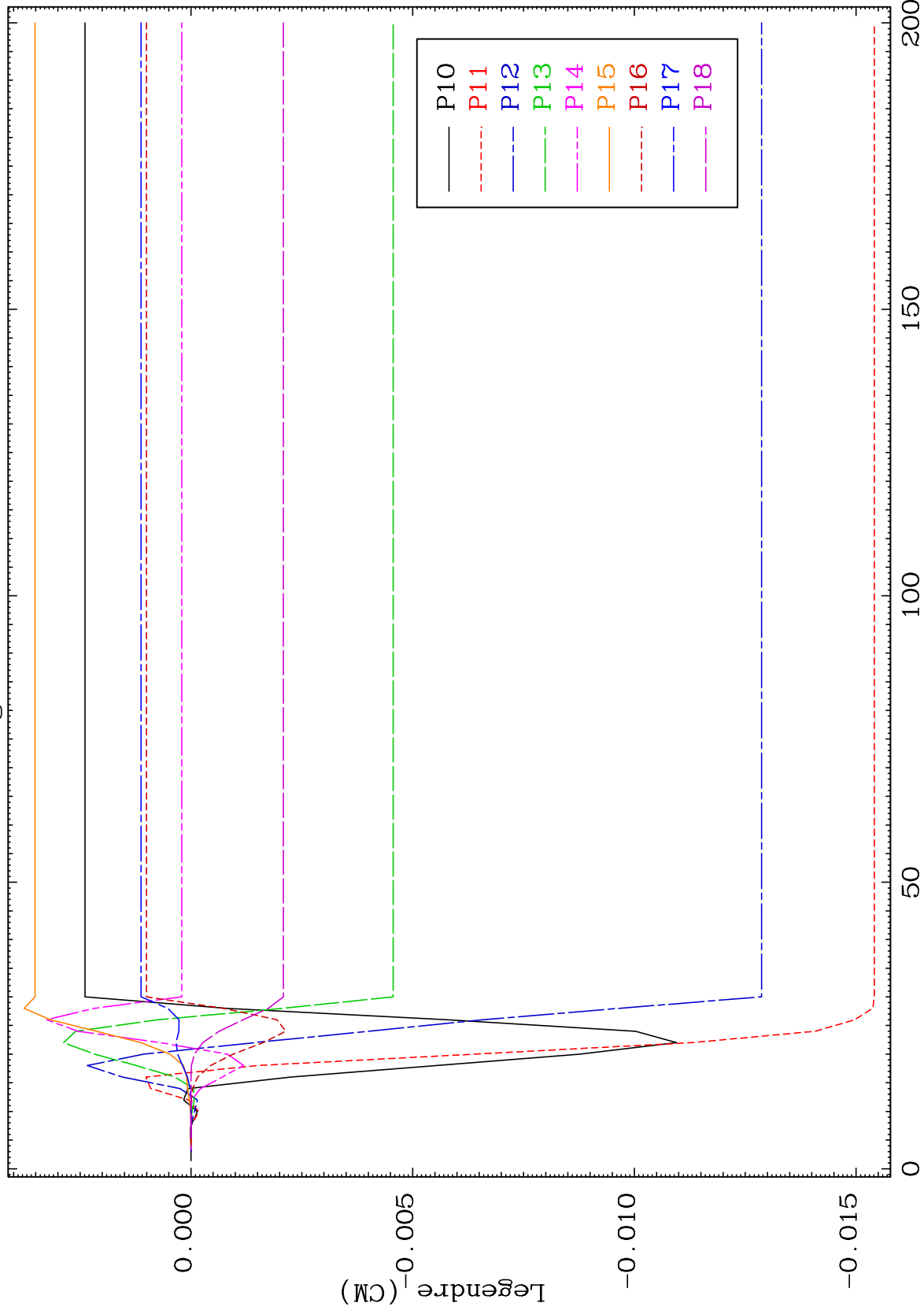
Incident Energy (MeV)

64

MAT 7907

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

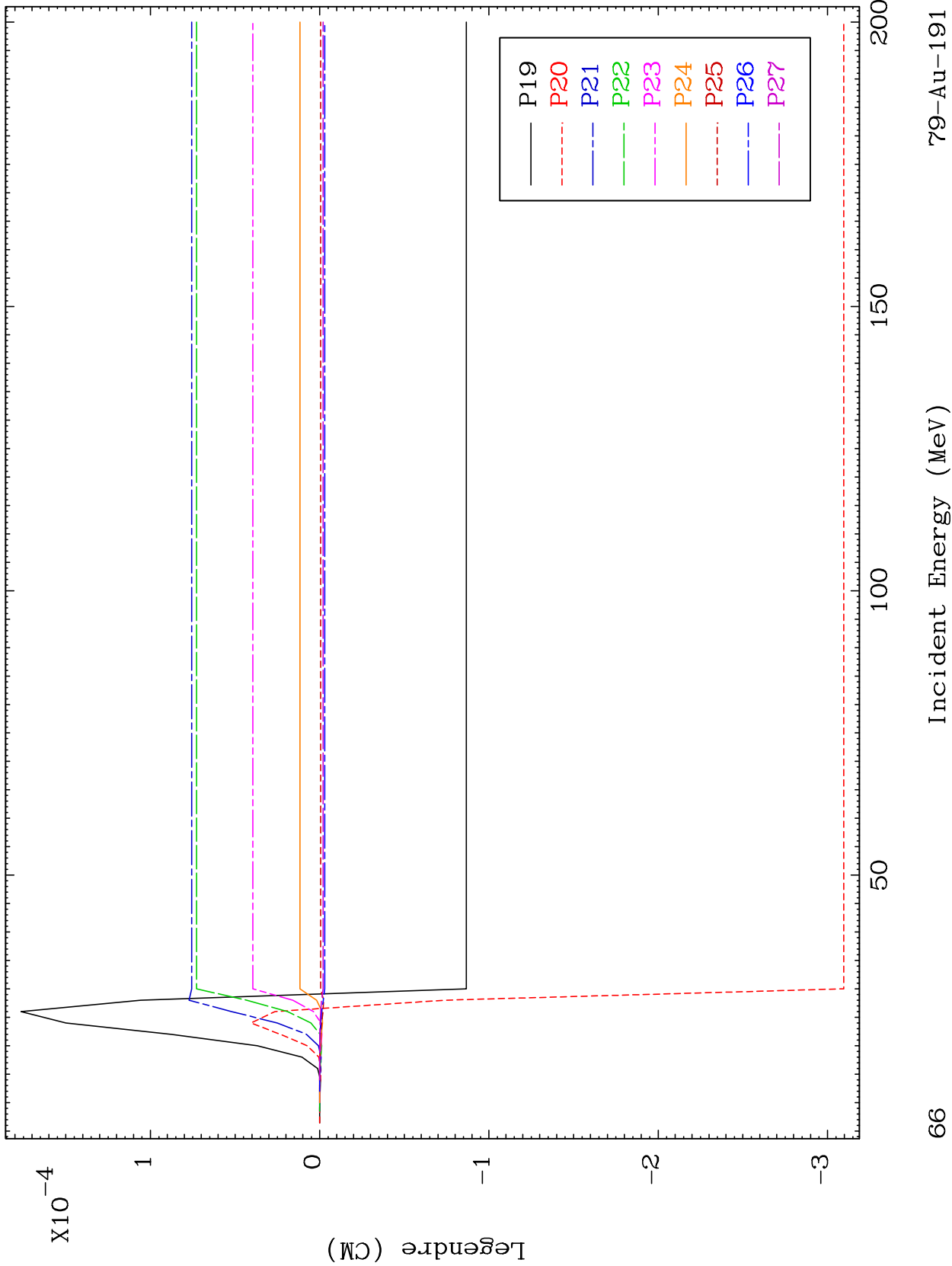
79-Au-191

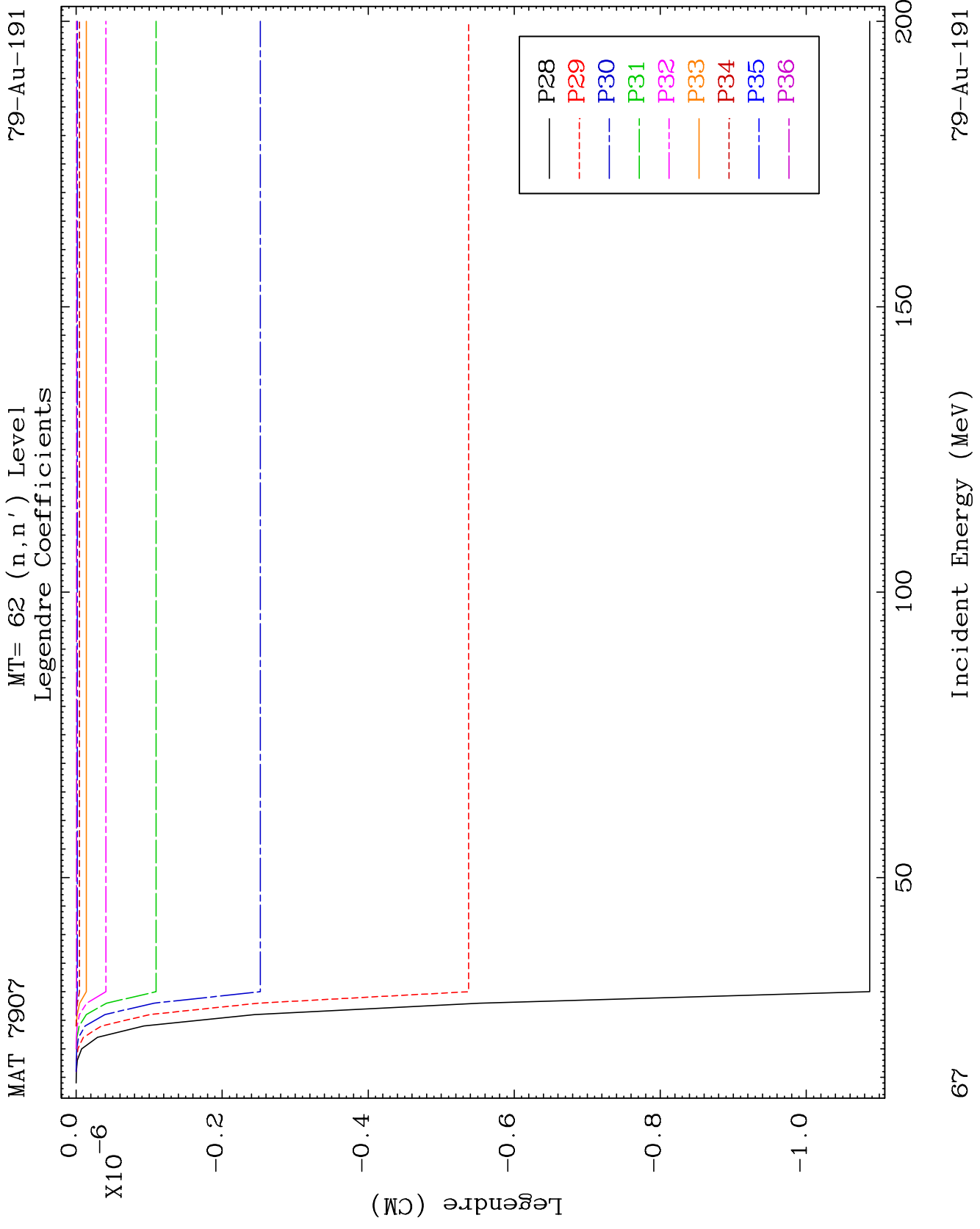


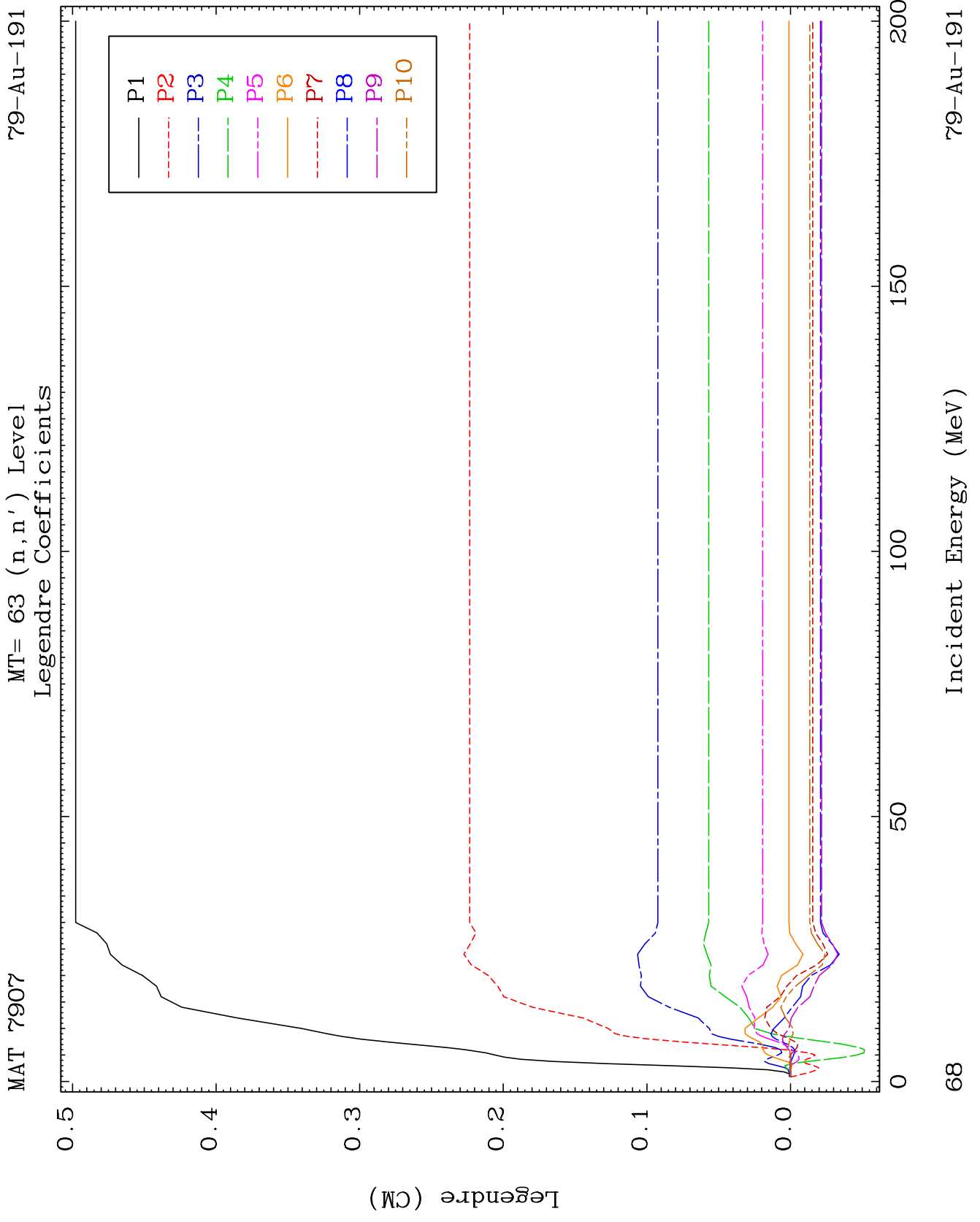
65

Incident Energy (MeV)

79-Au-191



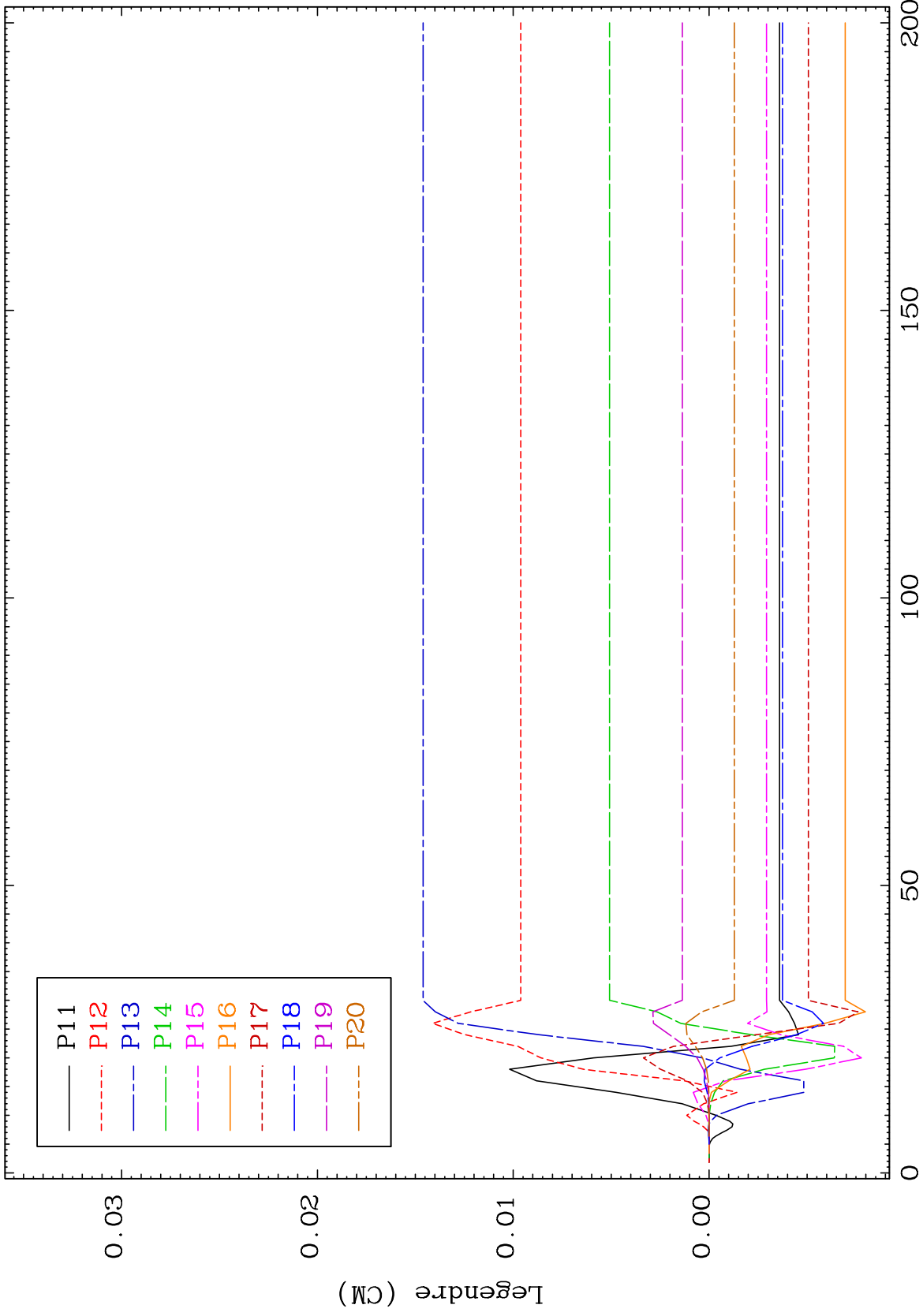




MAT 7907

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

79-Au-191



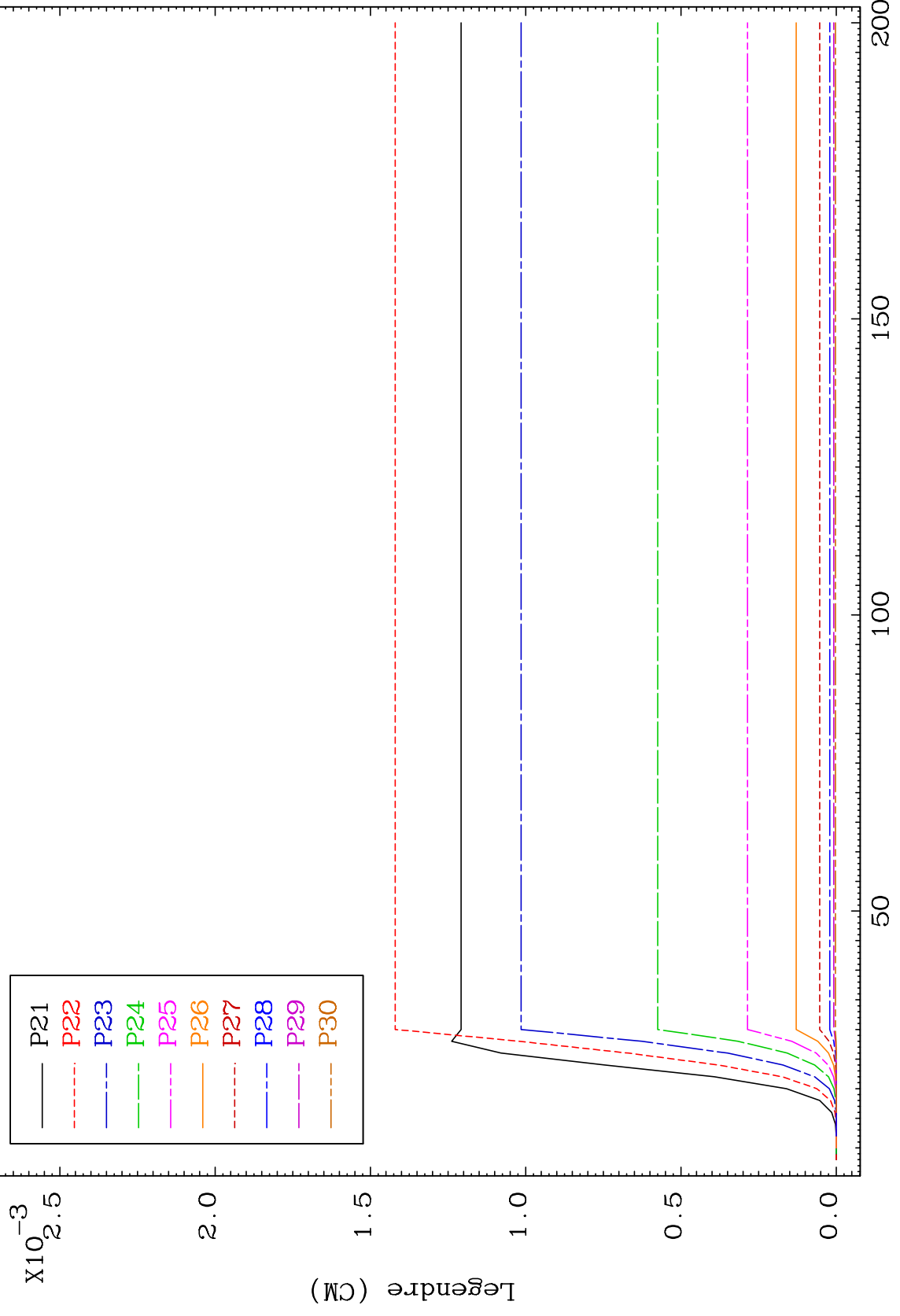
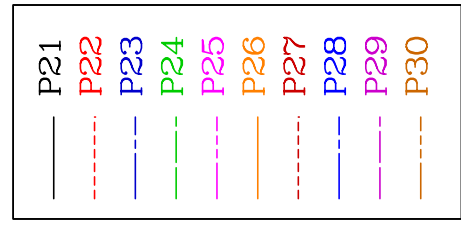
69

79-Au-191

MAT 7907

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

79-Au-191



70

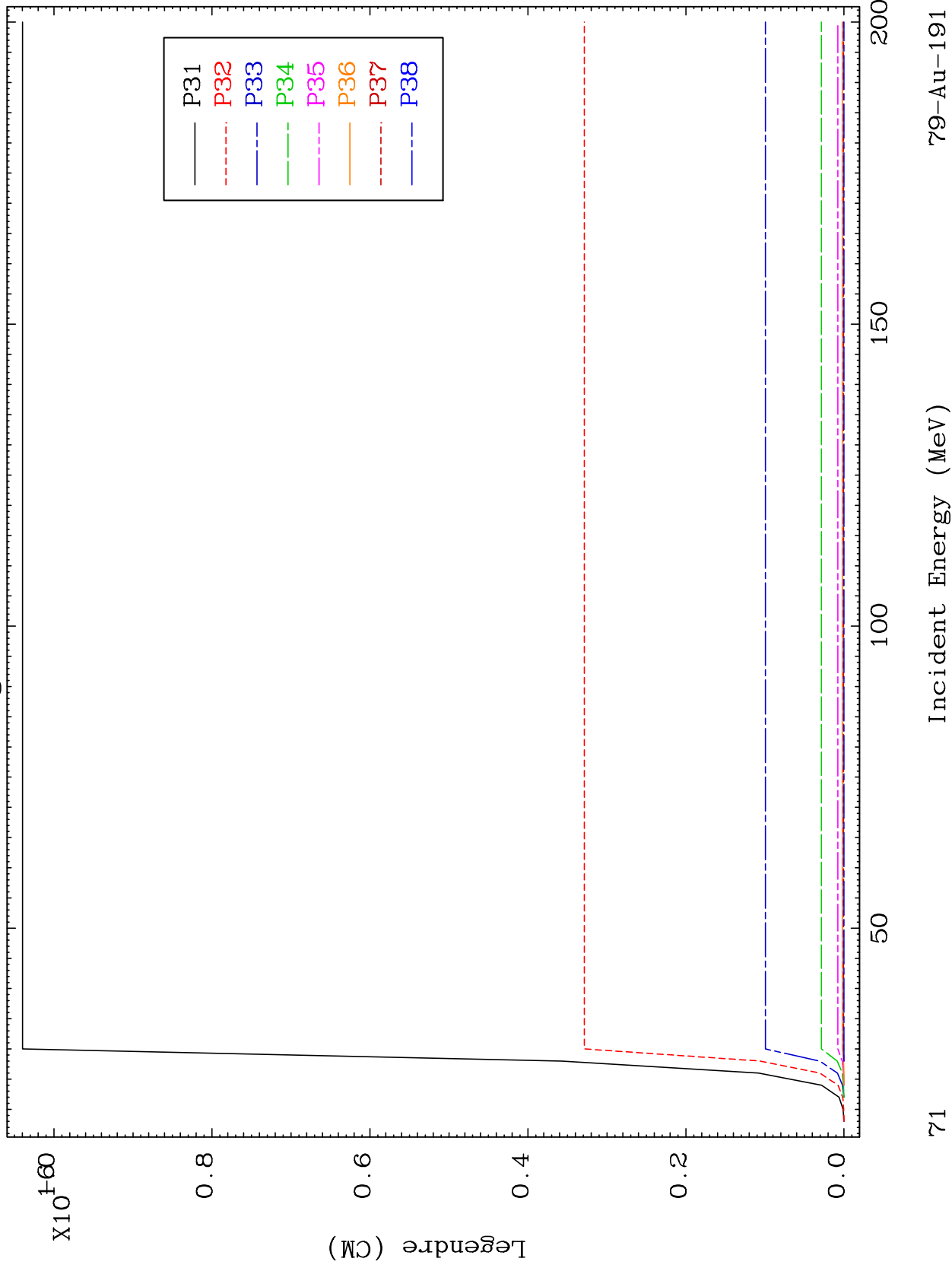
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



71

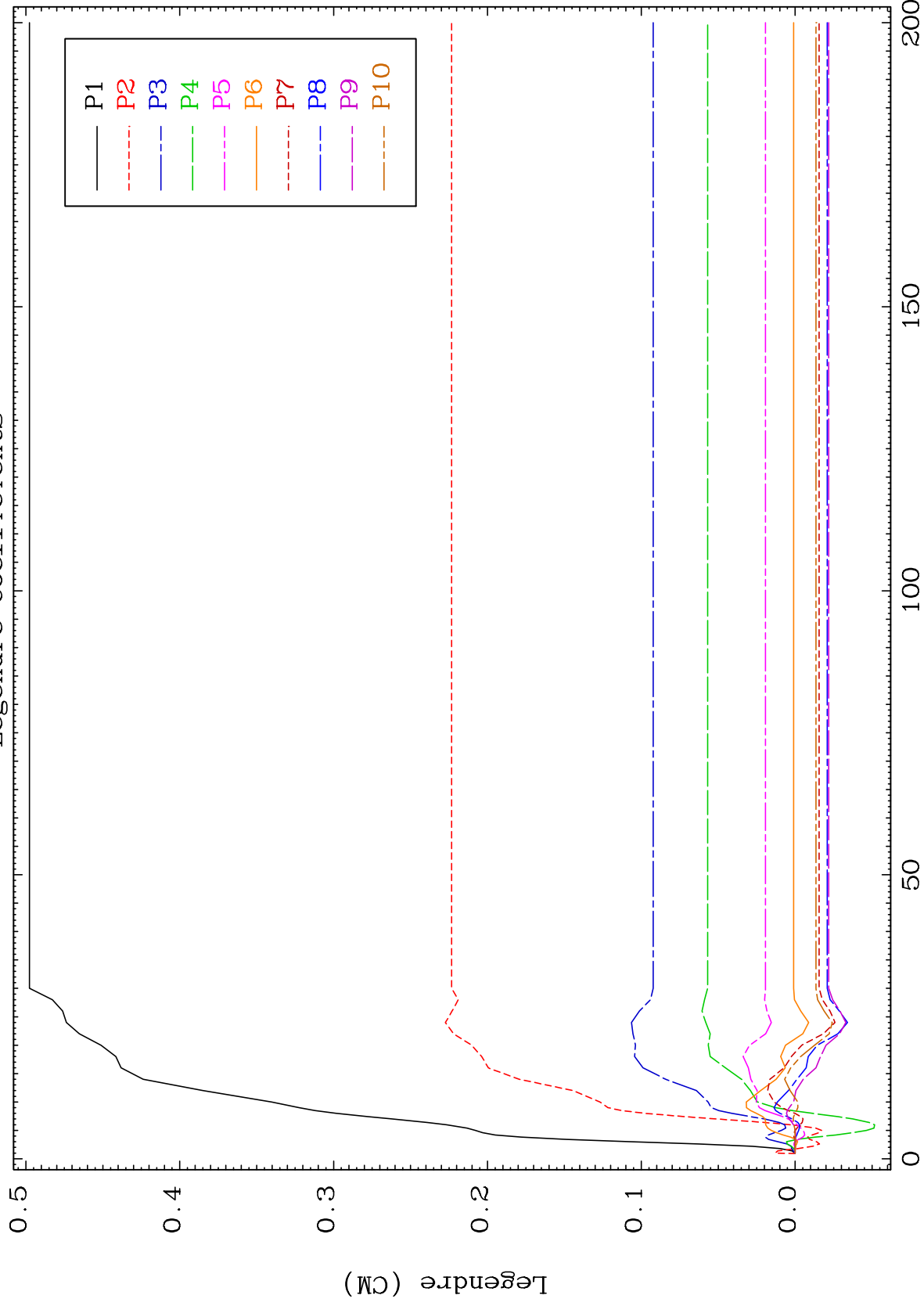
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



72

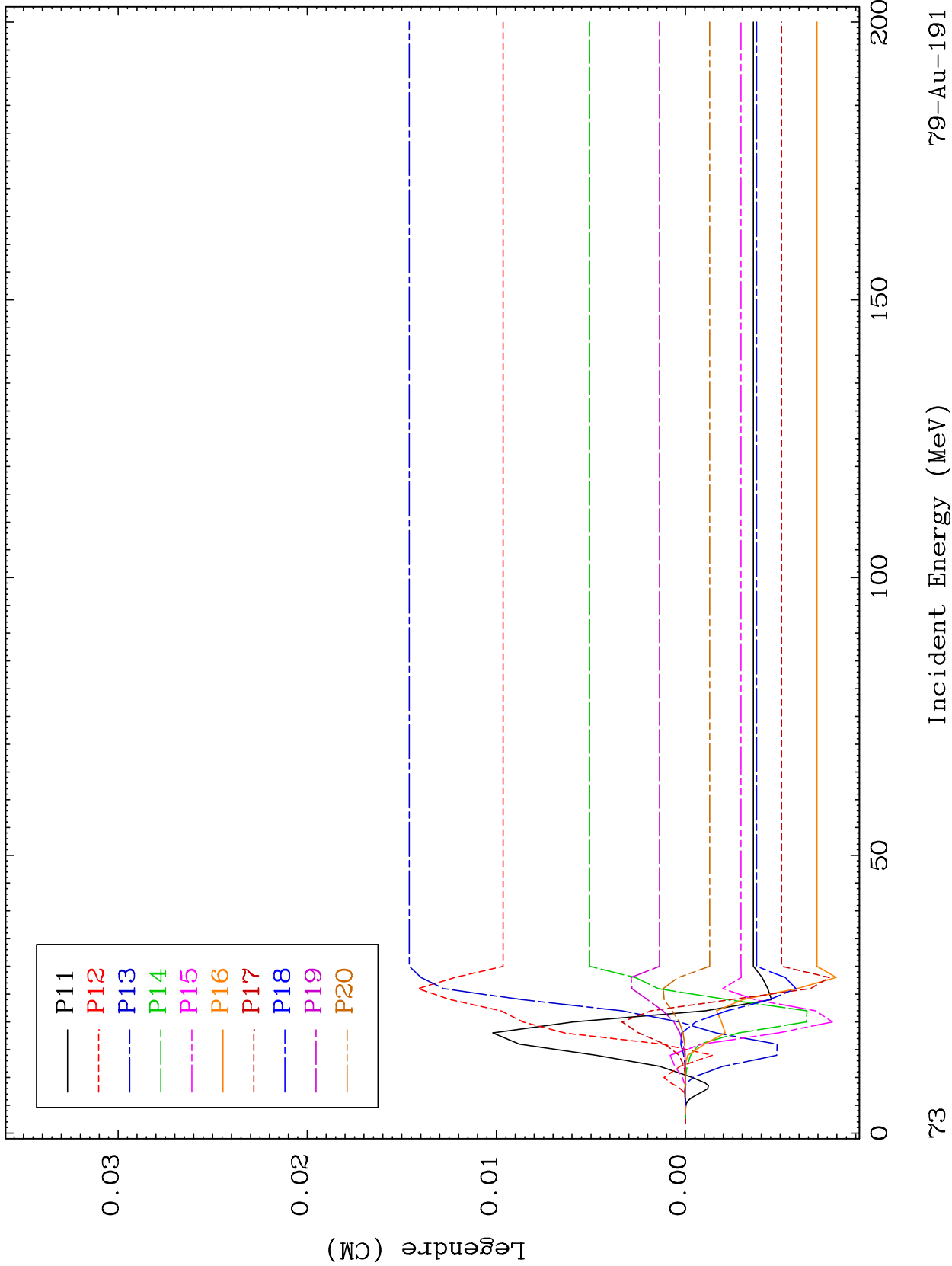
Incident Energy (MeV)

79-Au-191

MAT 7907

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

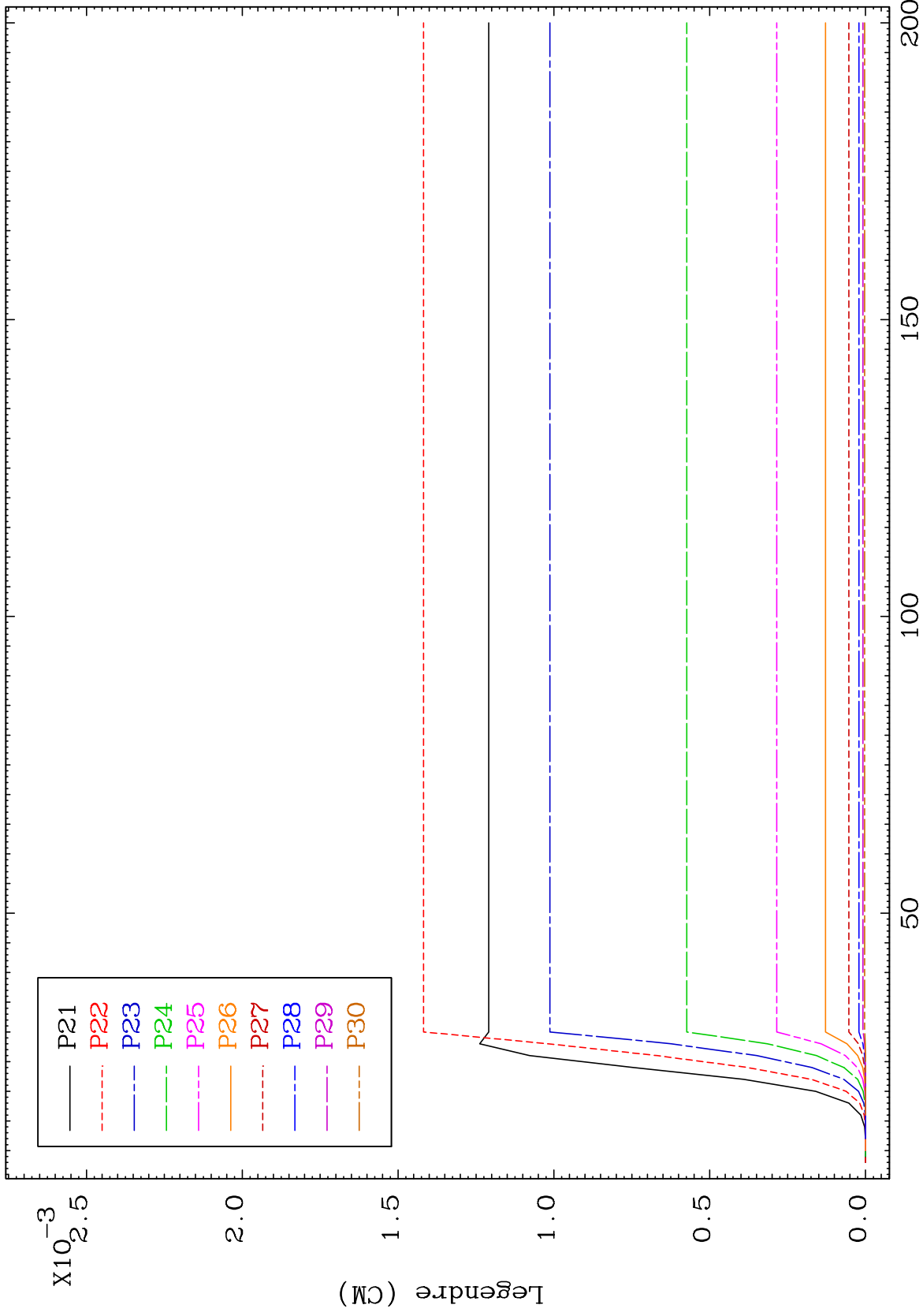
79-Au-191



73

Incident Energy (MeV)

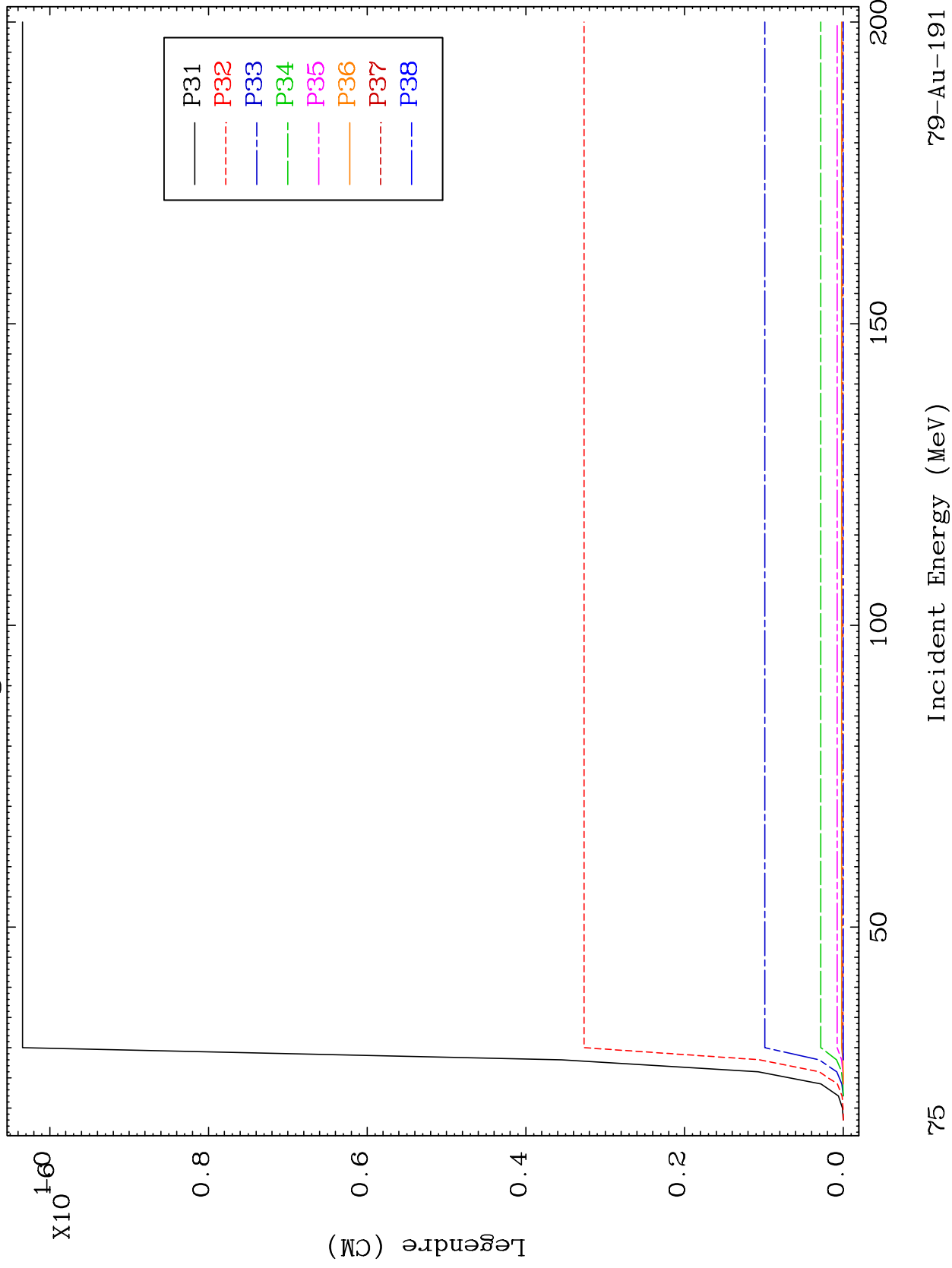
79-Au-191



MAT 7907

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

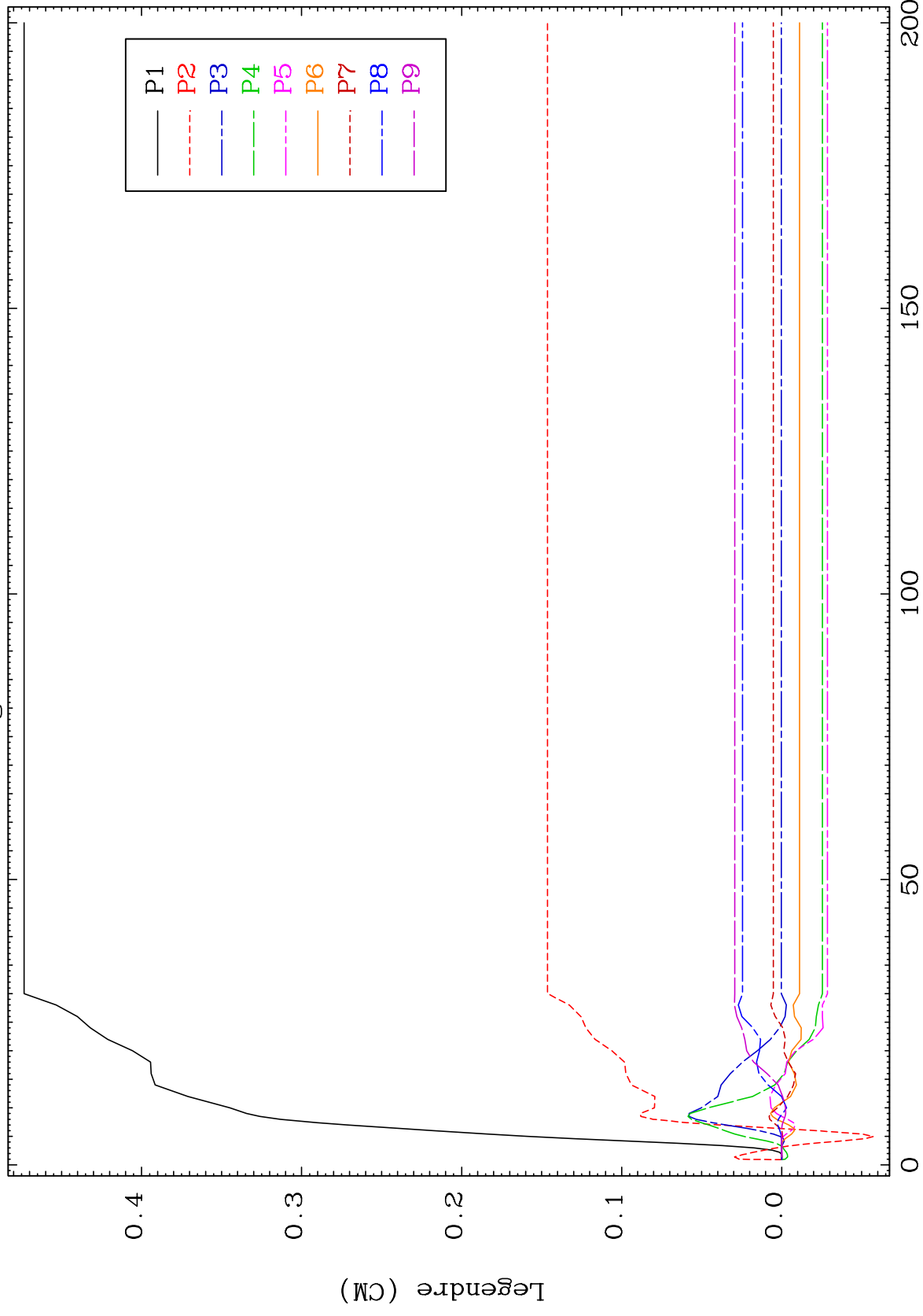
79-Au-191



MAT 7907

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

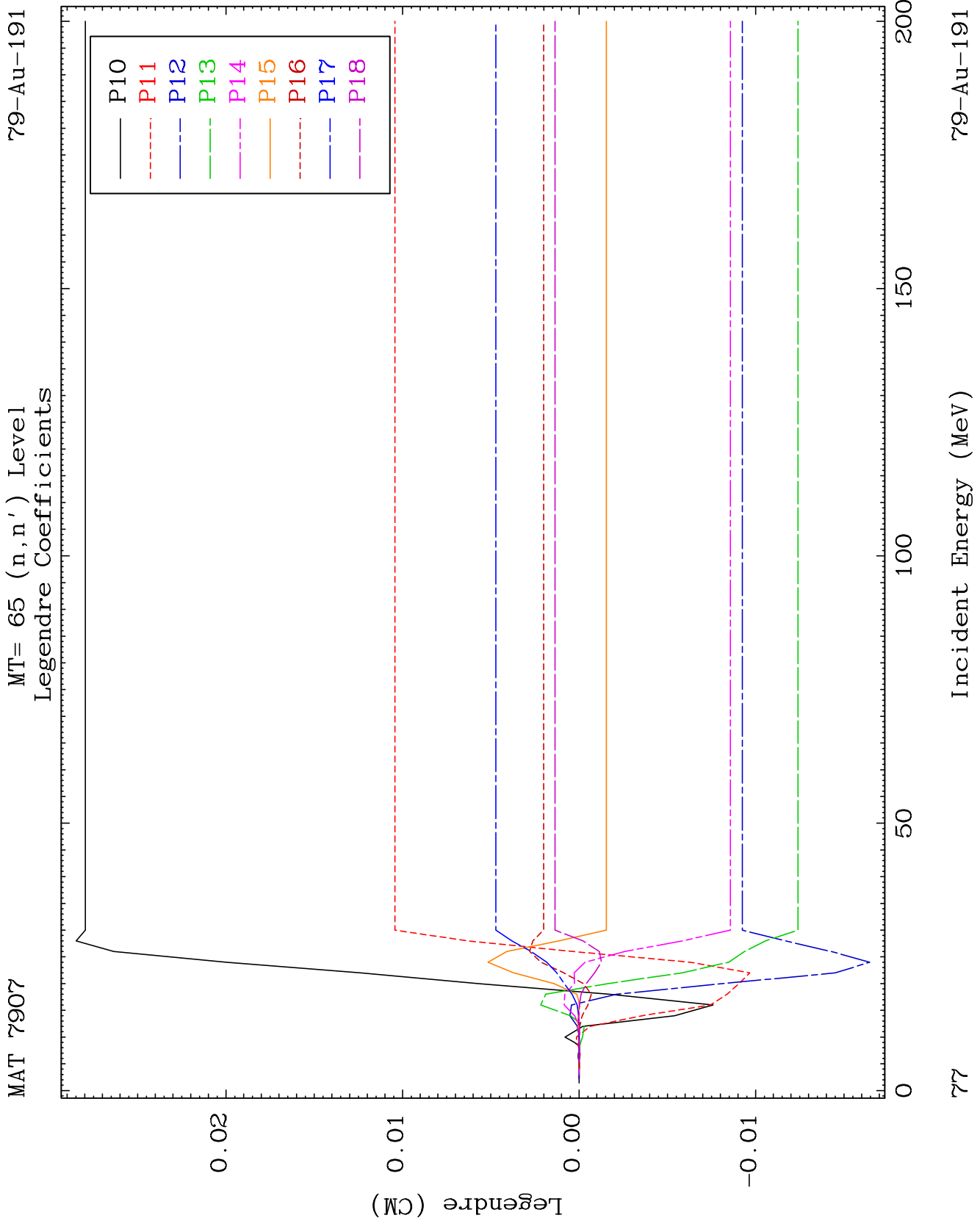
79-Au-191



76

Incident Energy (MeV)

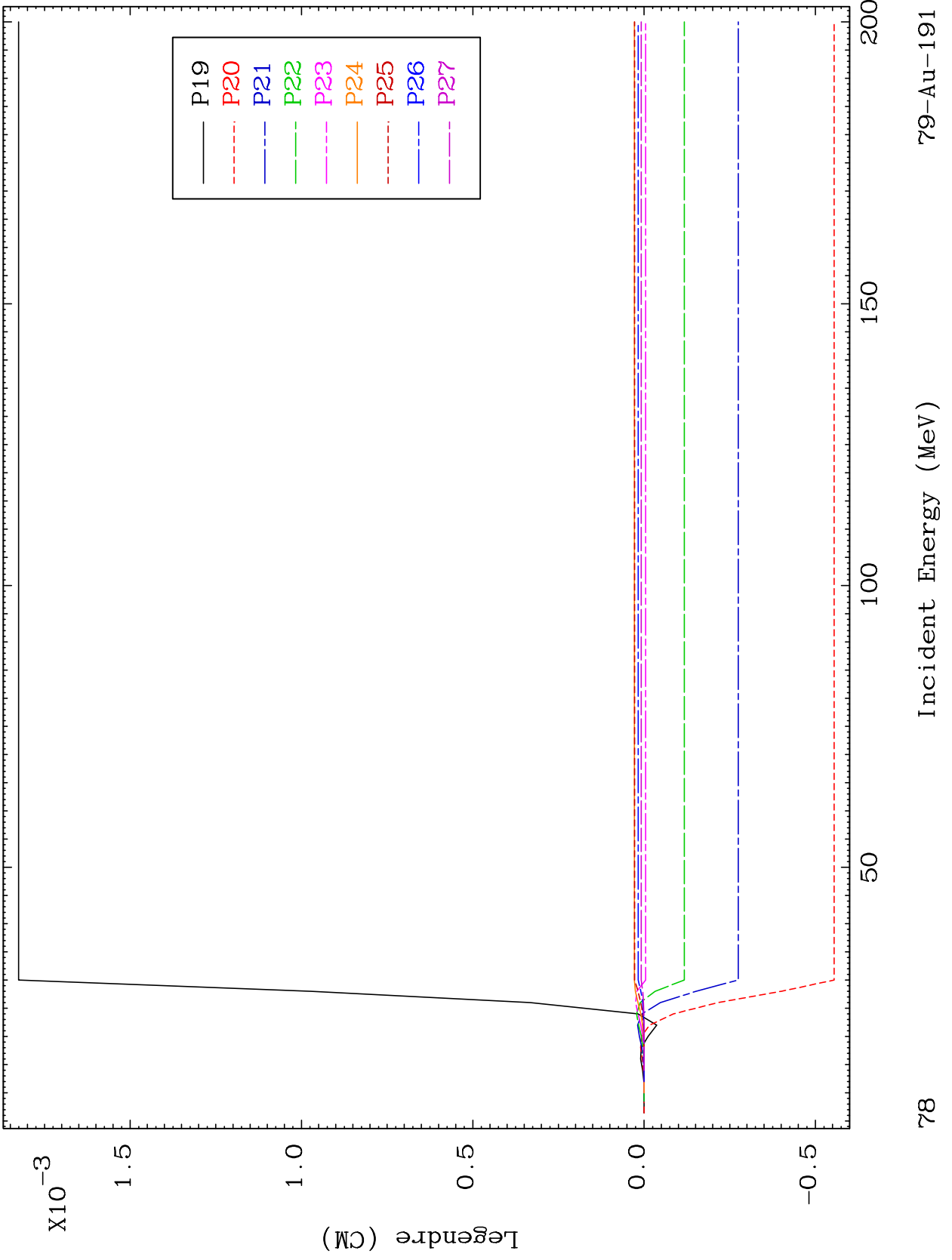
79-Au-191



MAT 7907

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

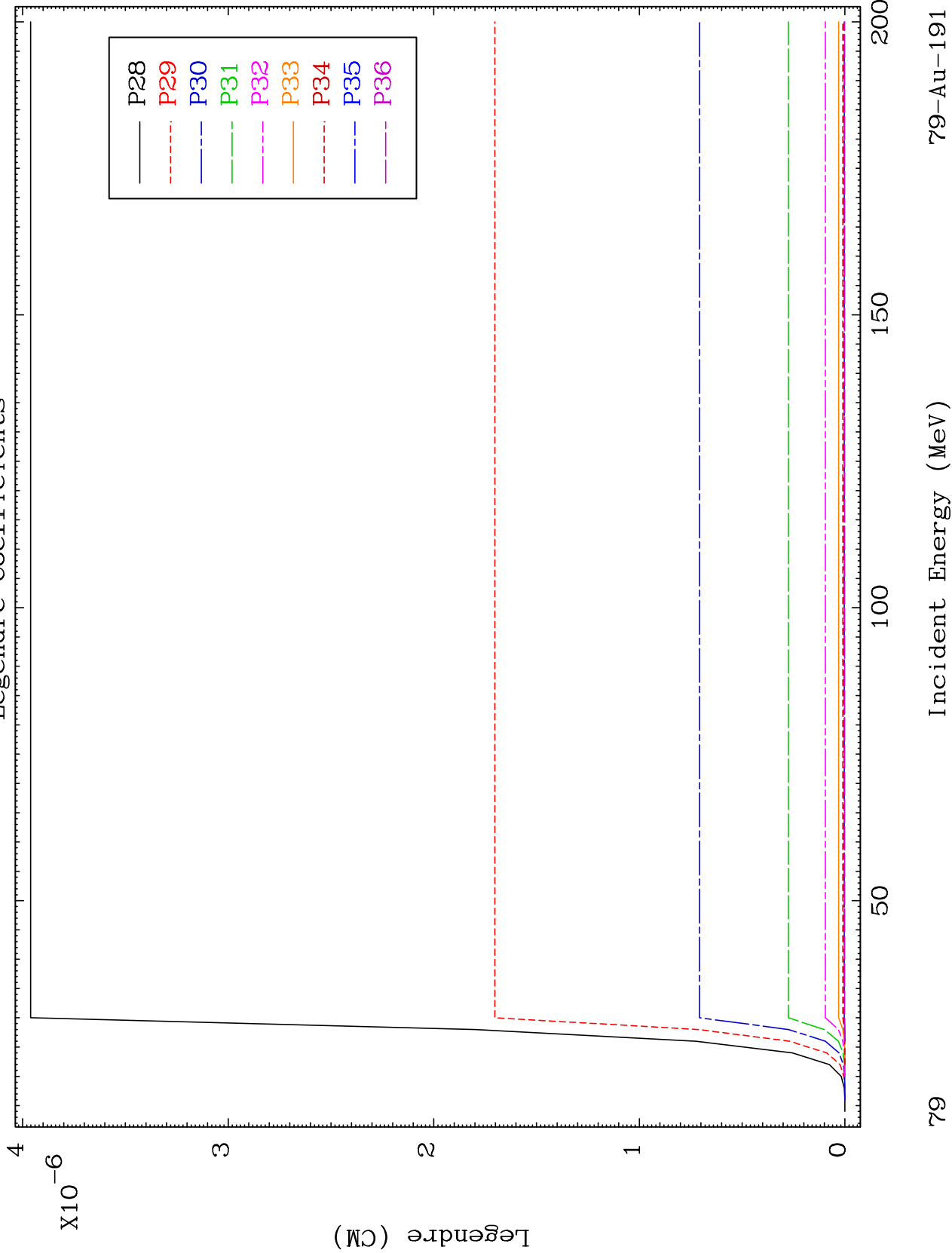
79-Au-191



MAT 7907

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

79-Au-191



79

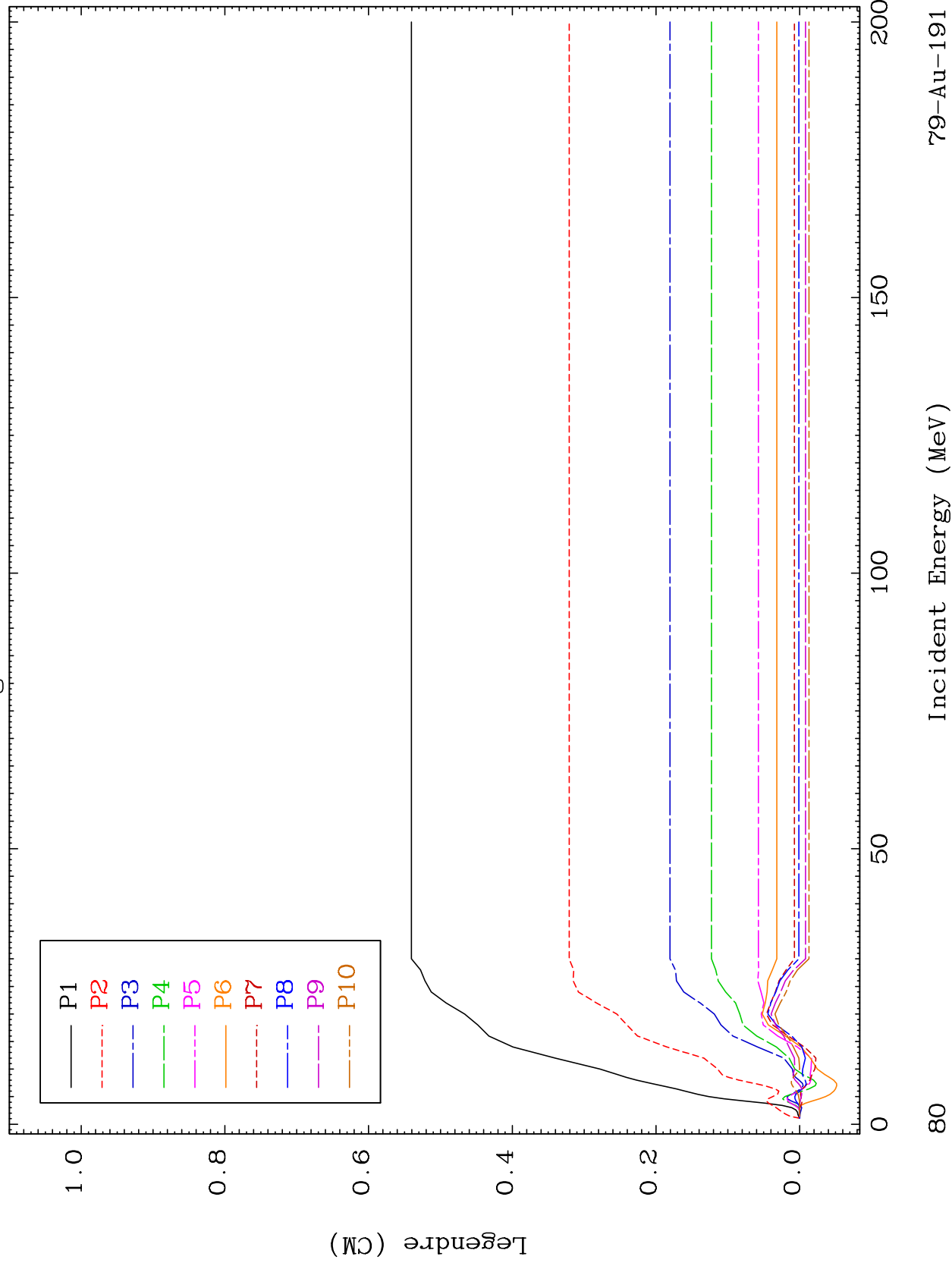
Incident Energy (MeV)

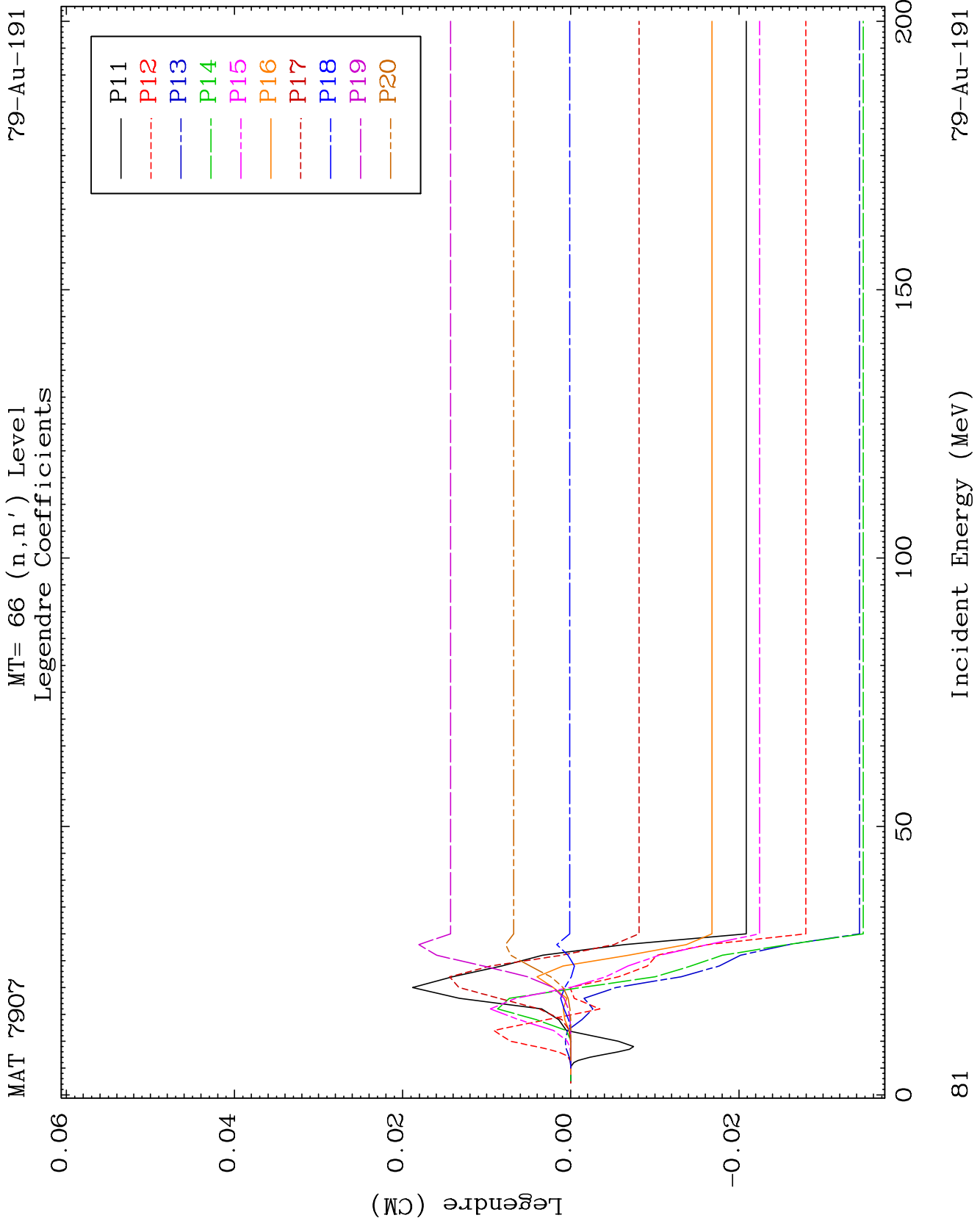
79-Au-191

MAT 7907

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

79-Au-191

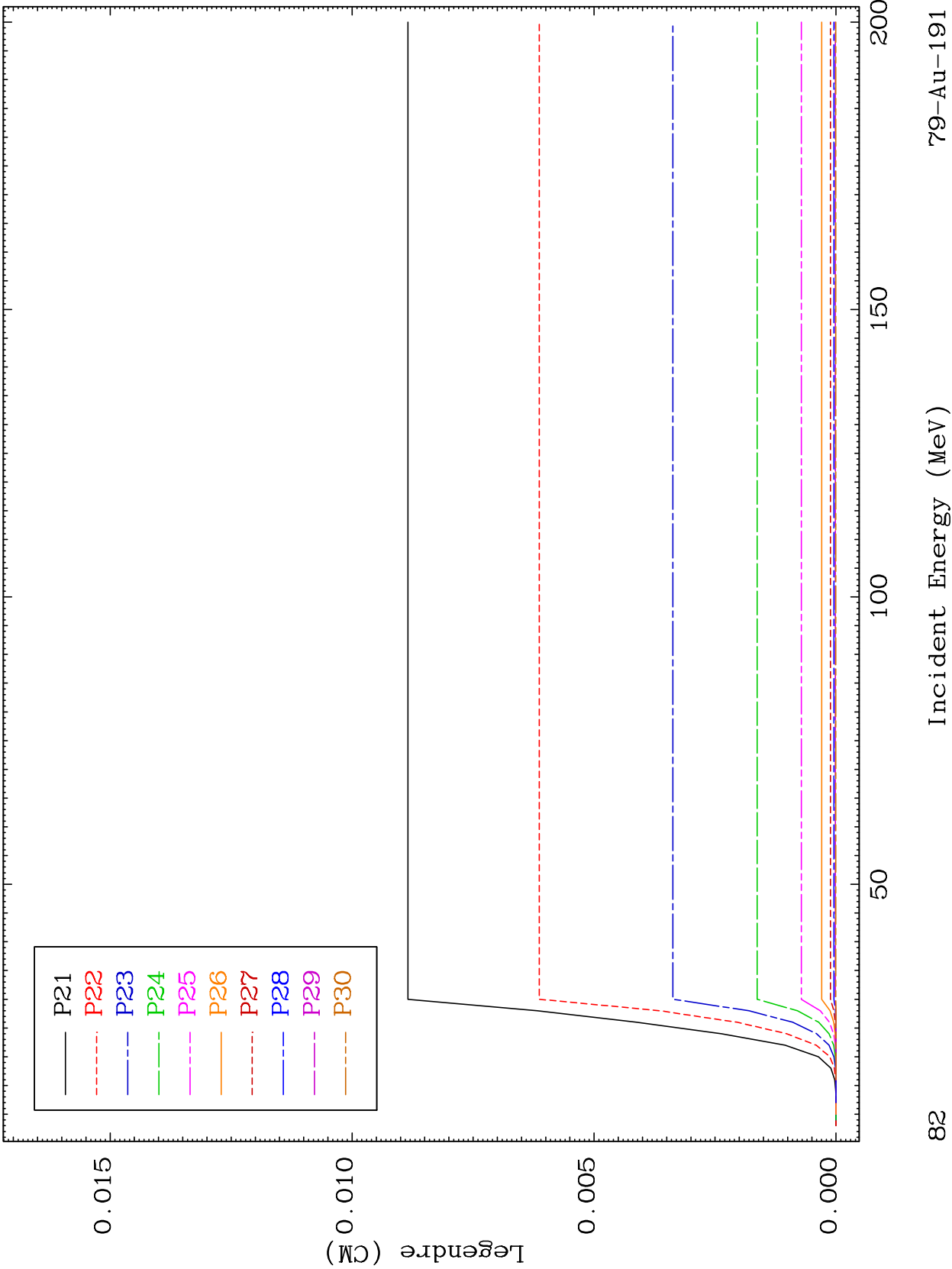




MAT 7907

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

79-Au-191



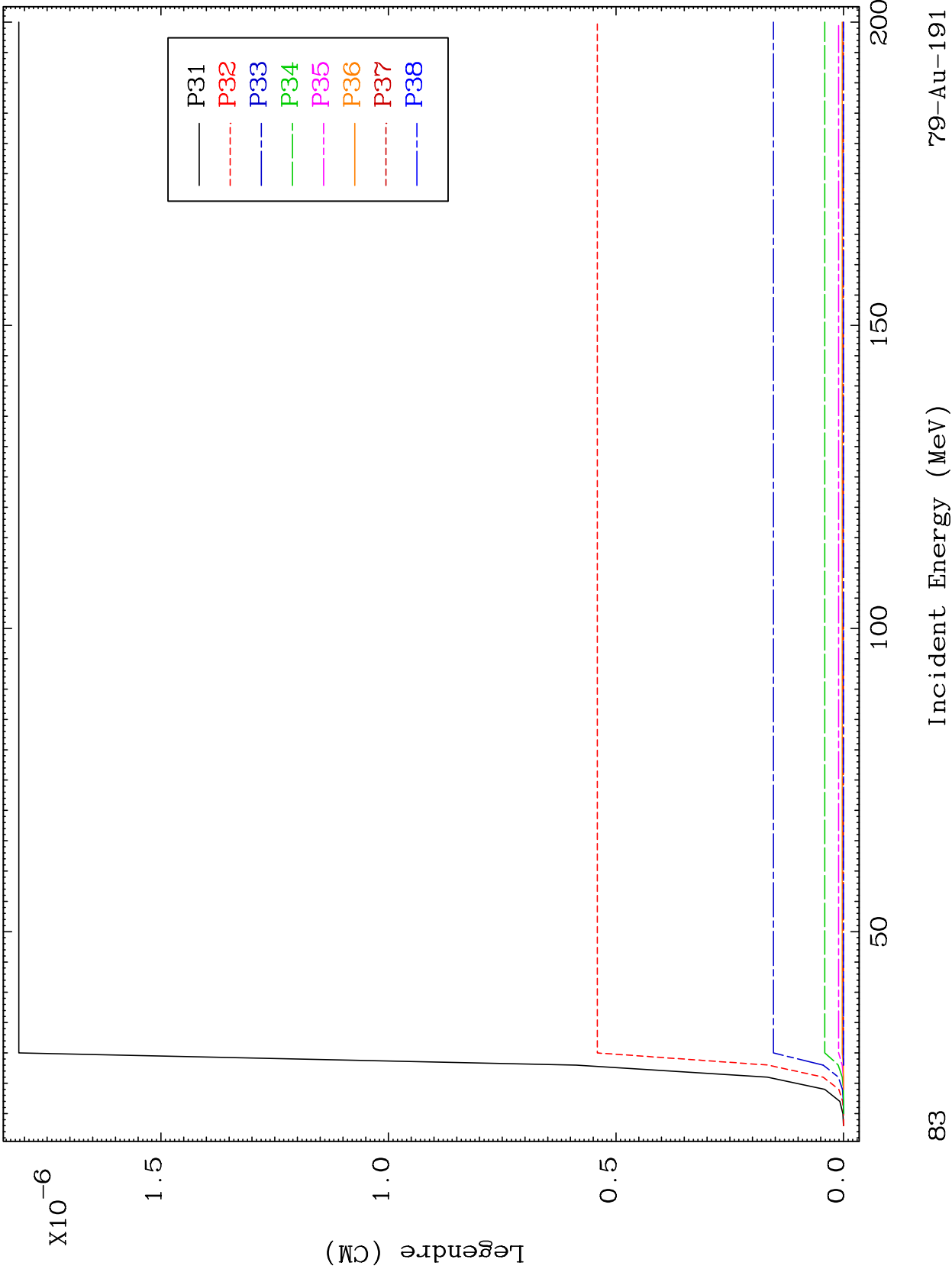
82

79-Au-191

MAT 7907

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

79-Au-191



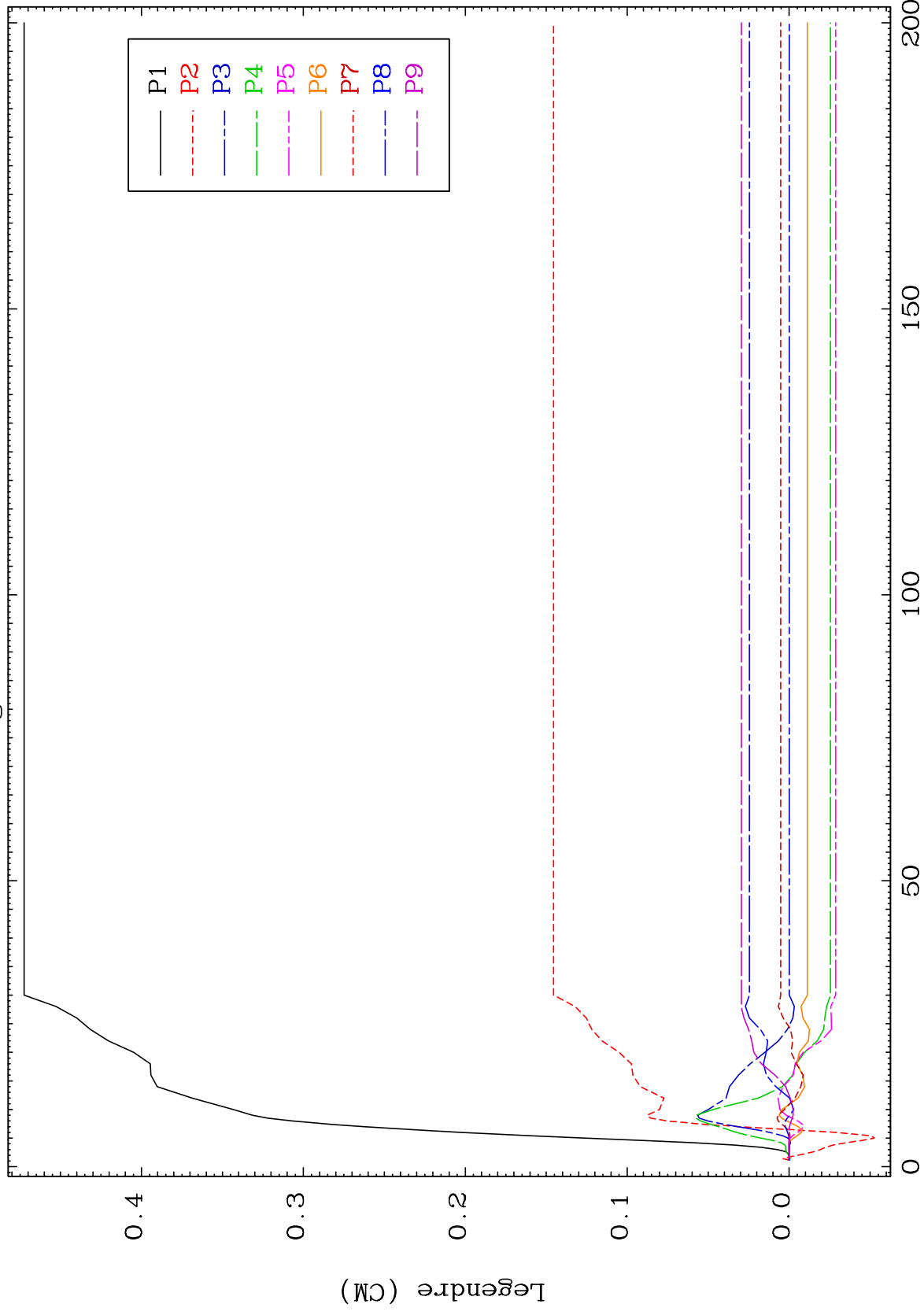
83

79-Au-191

MAT 7907

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

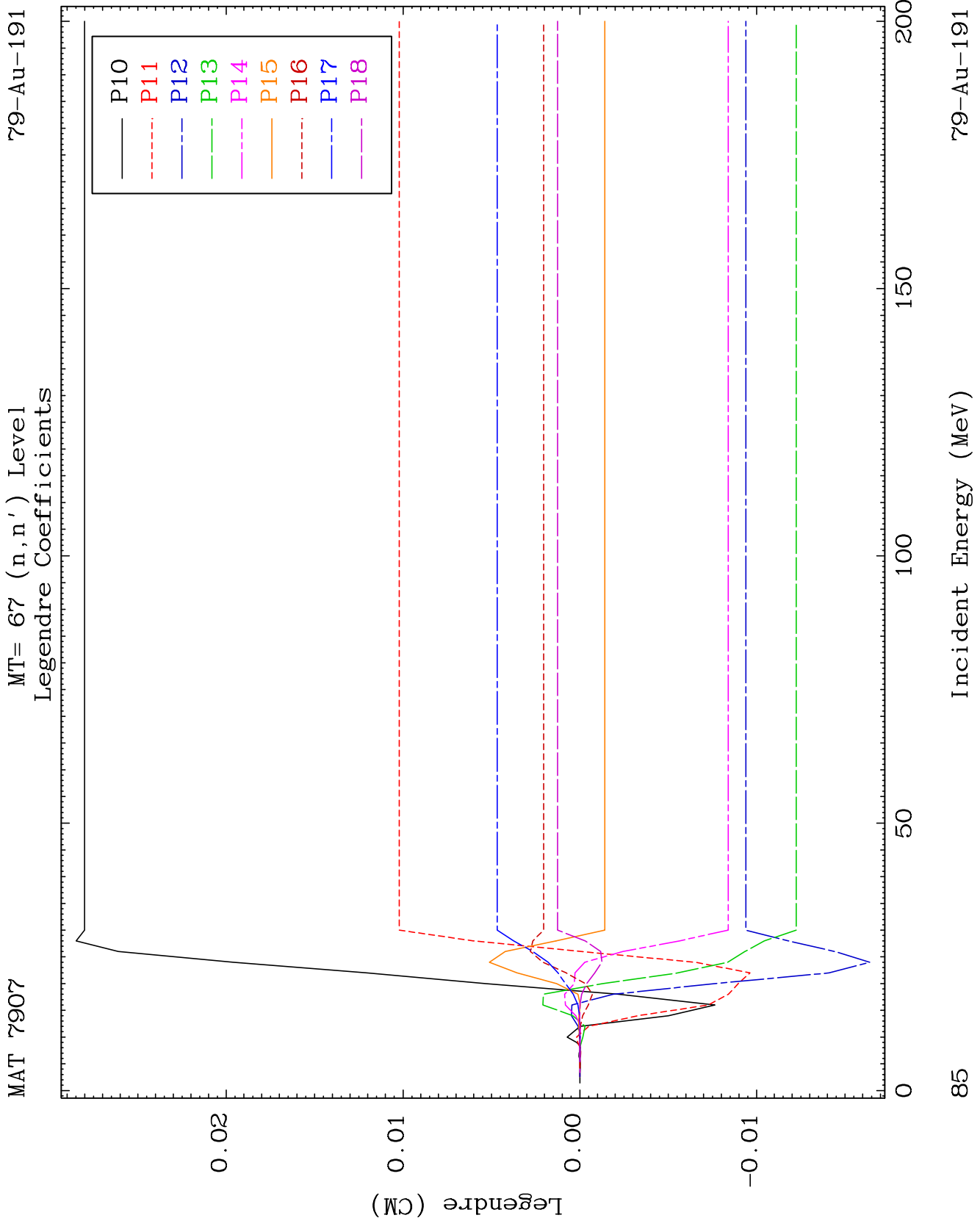
79-Au-191

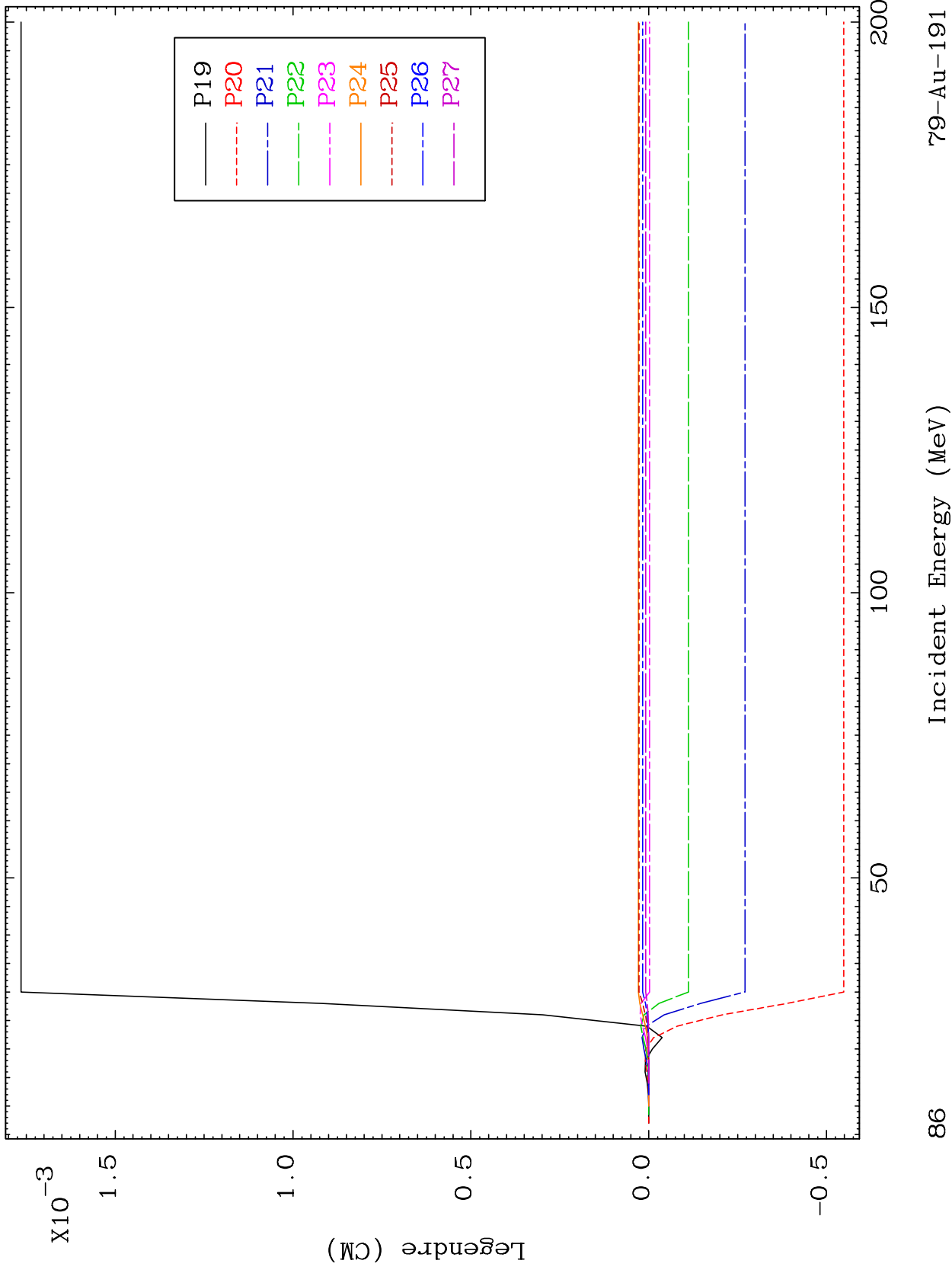


84

Incident Energy (MeV)

79-Au-191

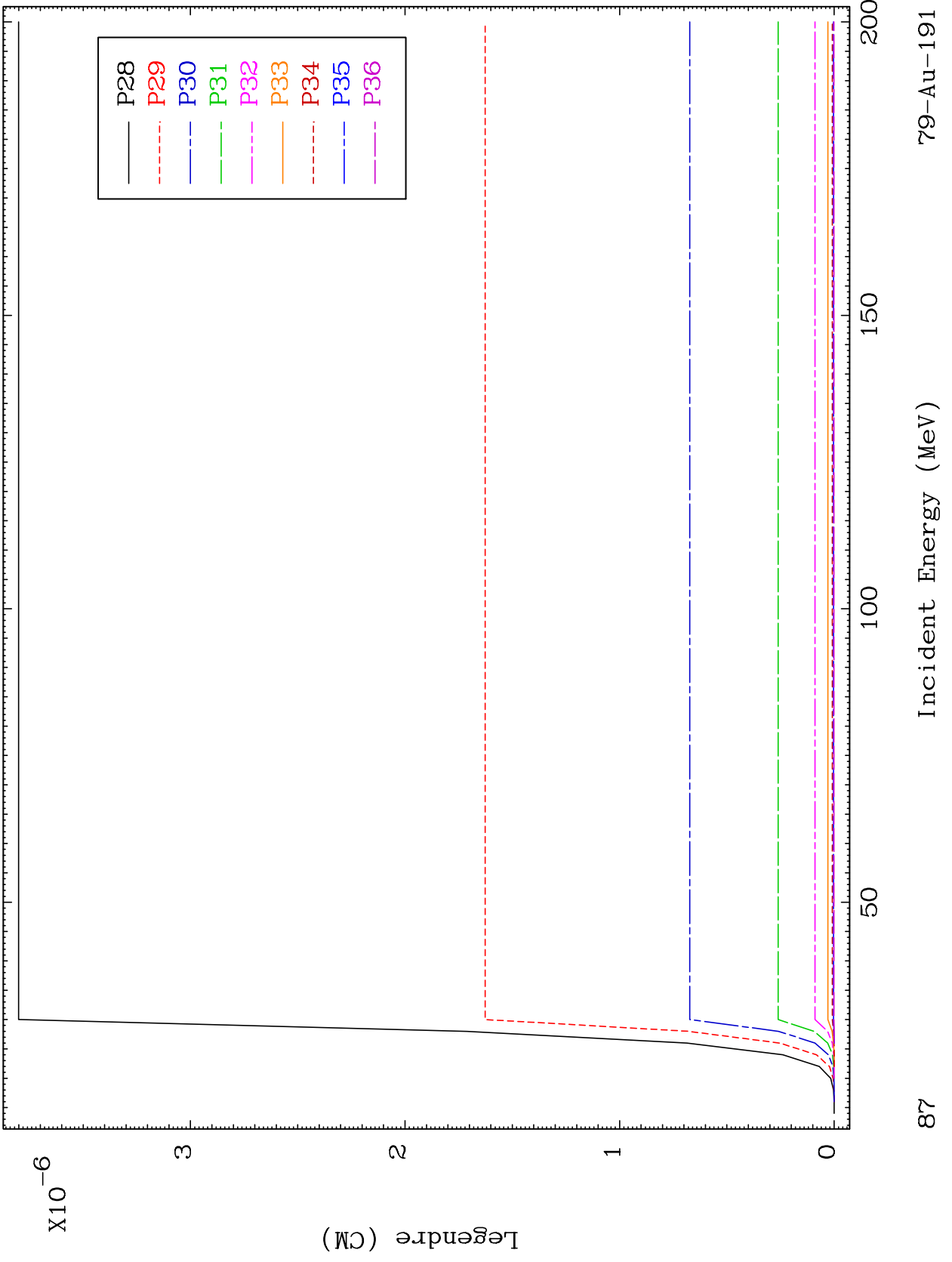


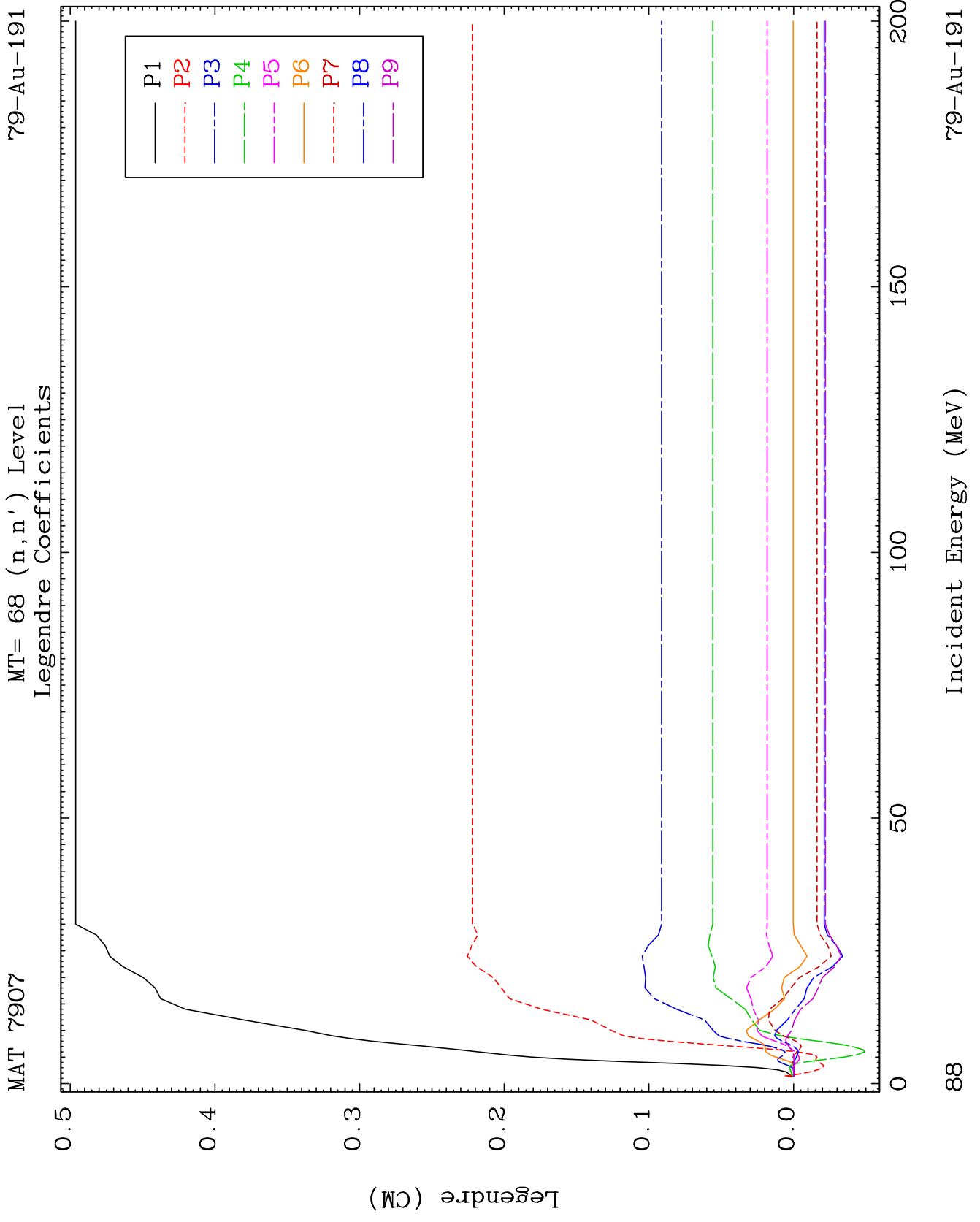


MAT 7907

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

79-Au-191

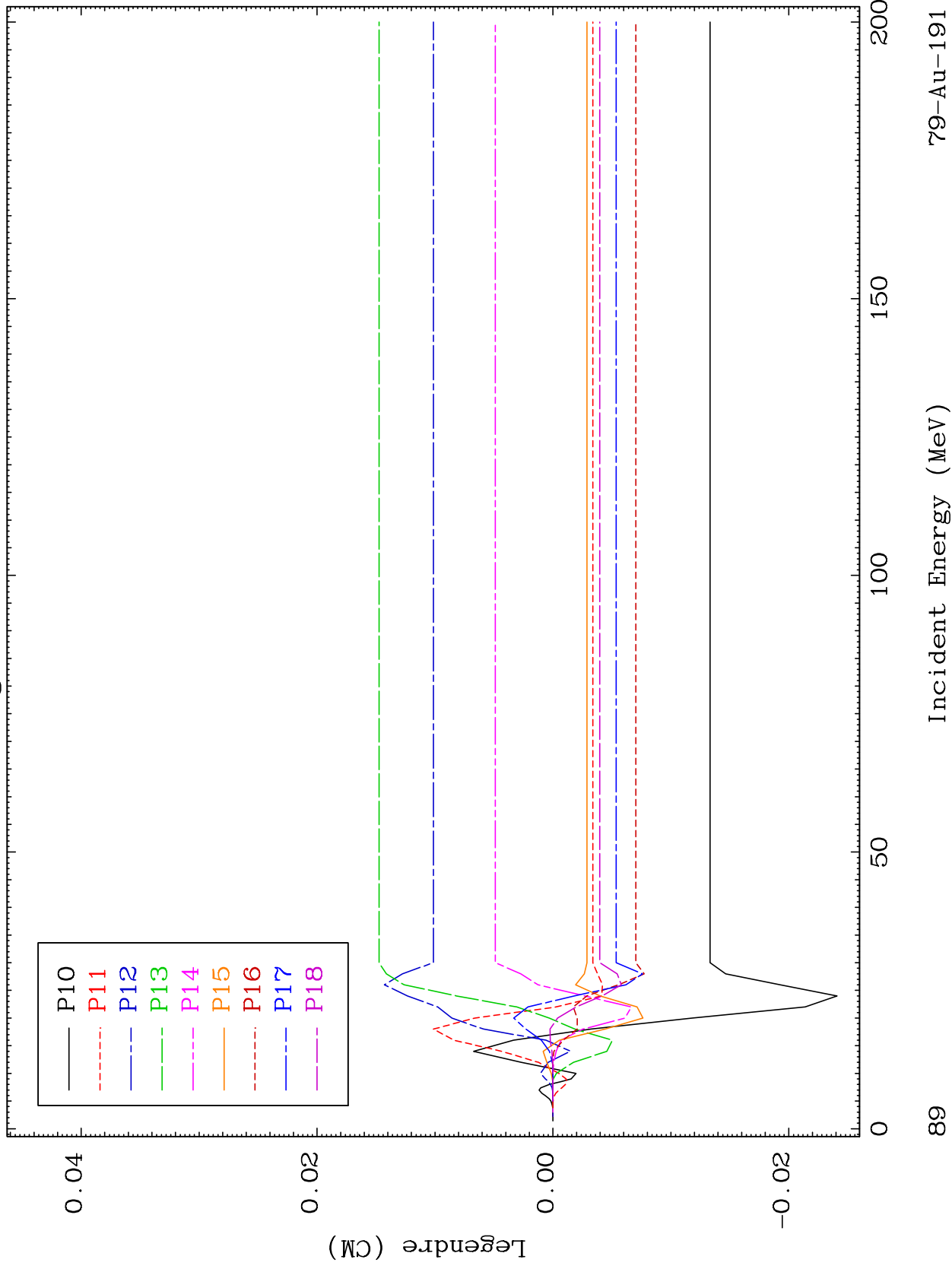




MAT 7907

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

79-Au-191



79-Au-191

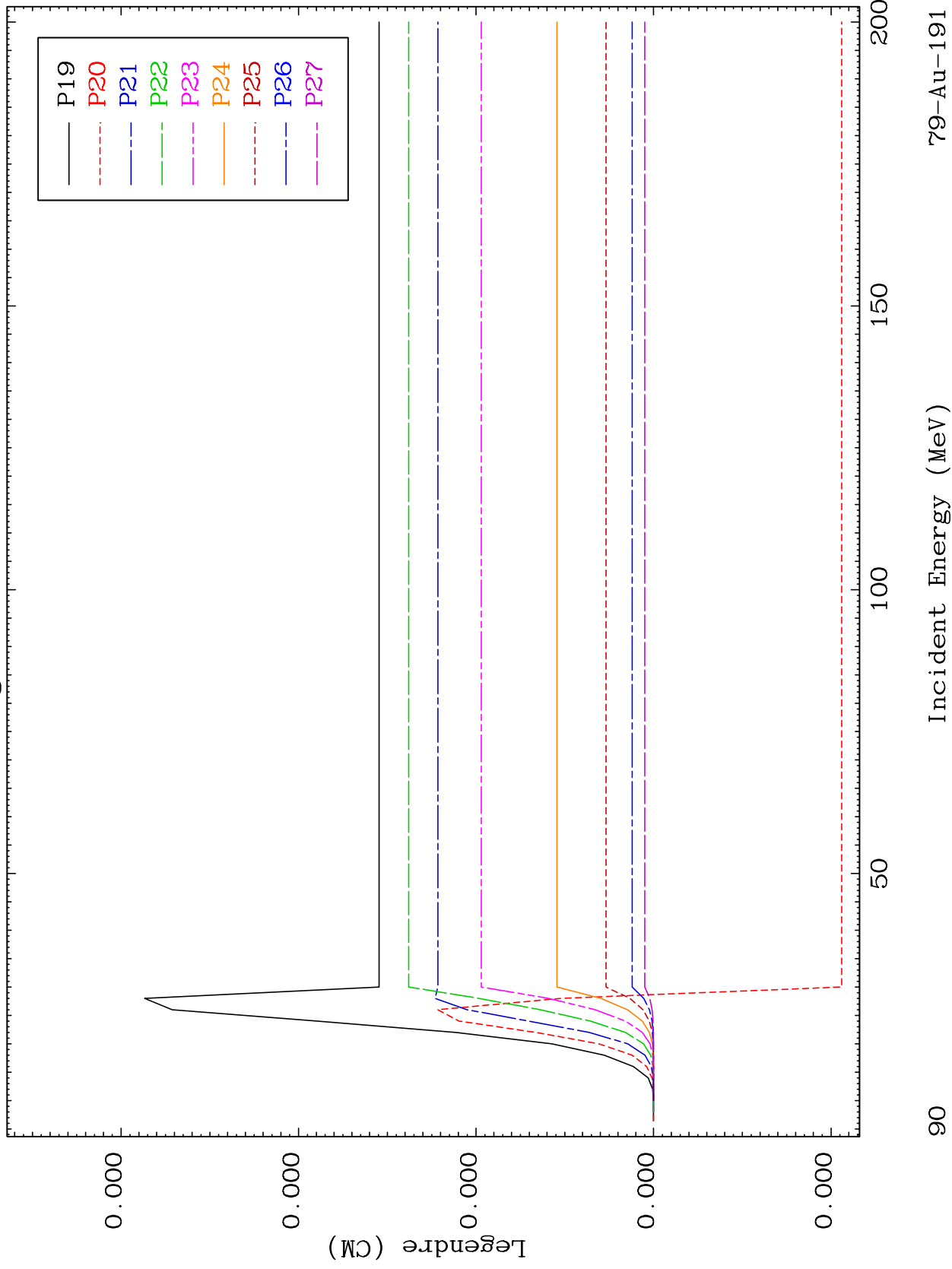
Incident Energy (MeV)

89

MAT 7907

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

79-Au-191



90

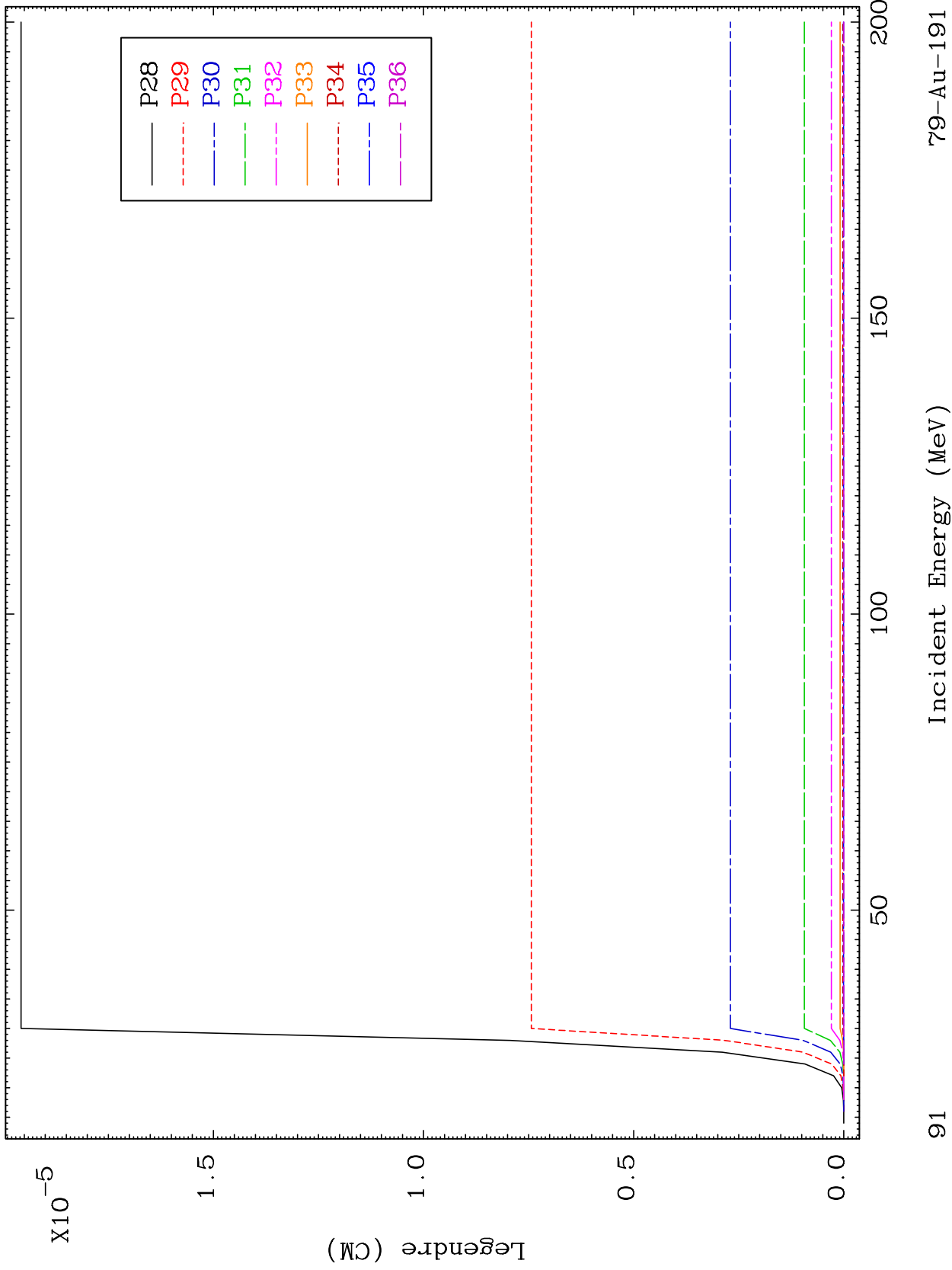
Incident Energy (MeV)

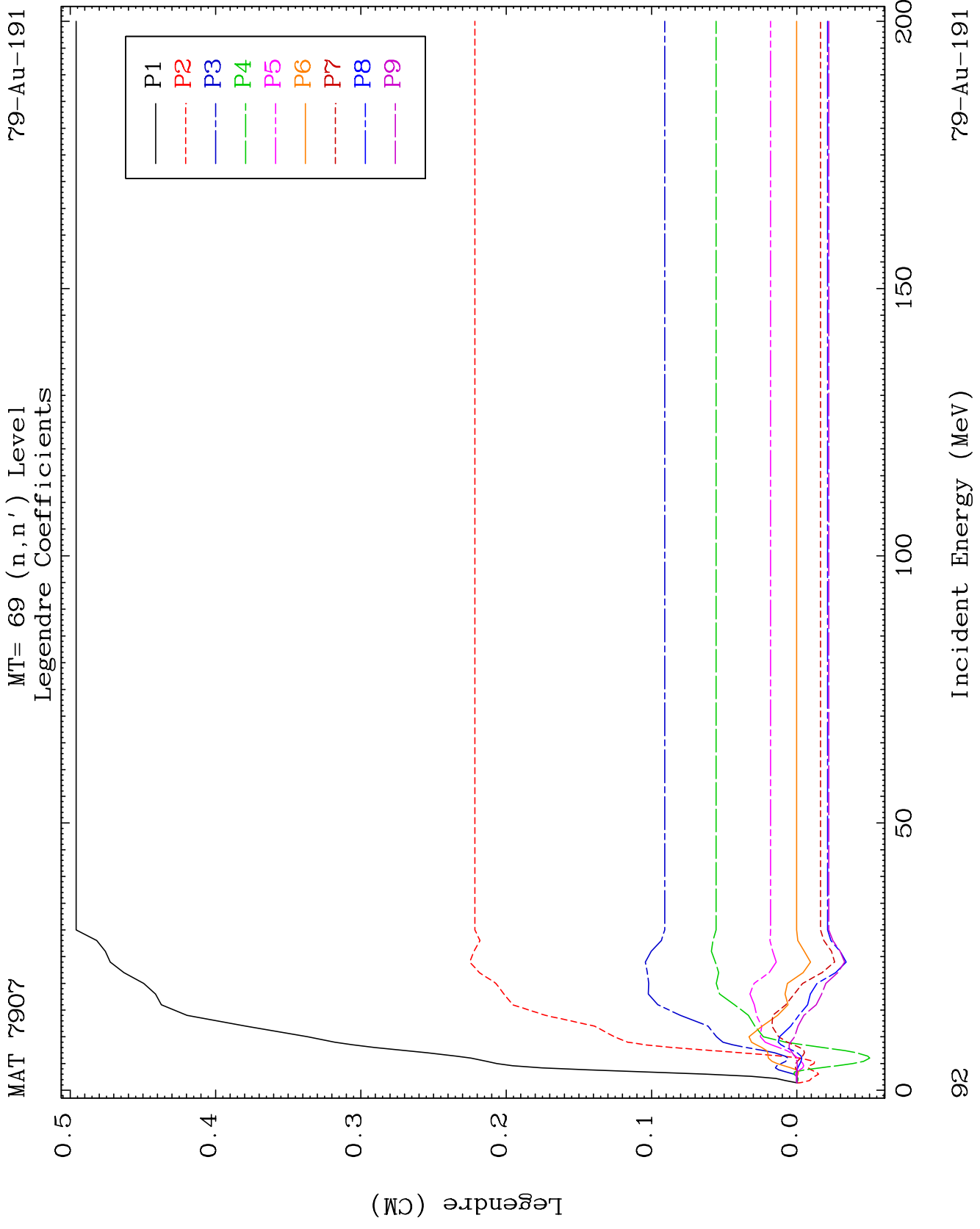
79-Au-191

MAT 7907

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

79-Au-191

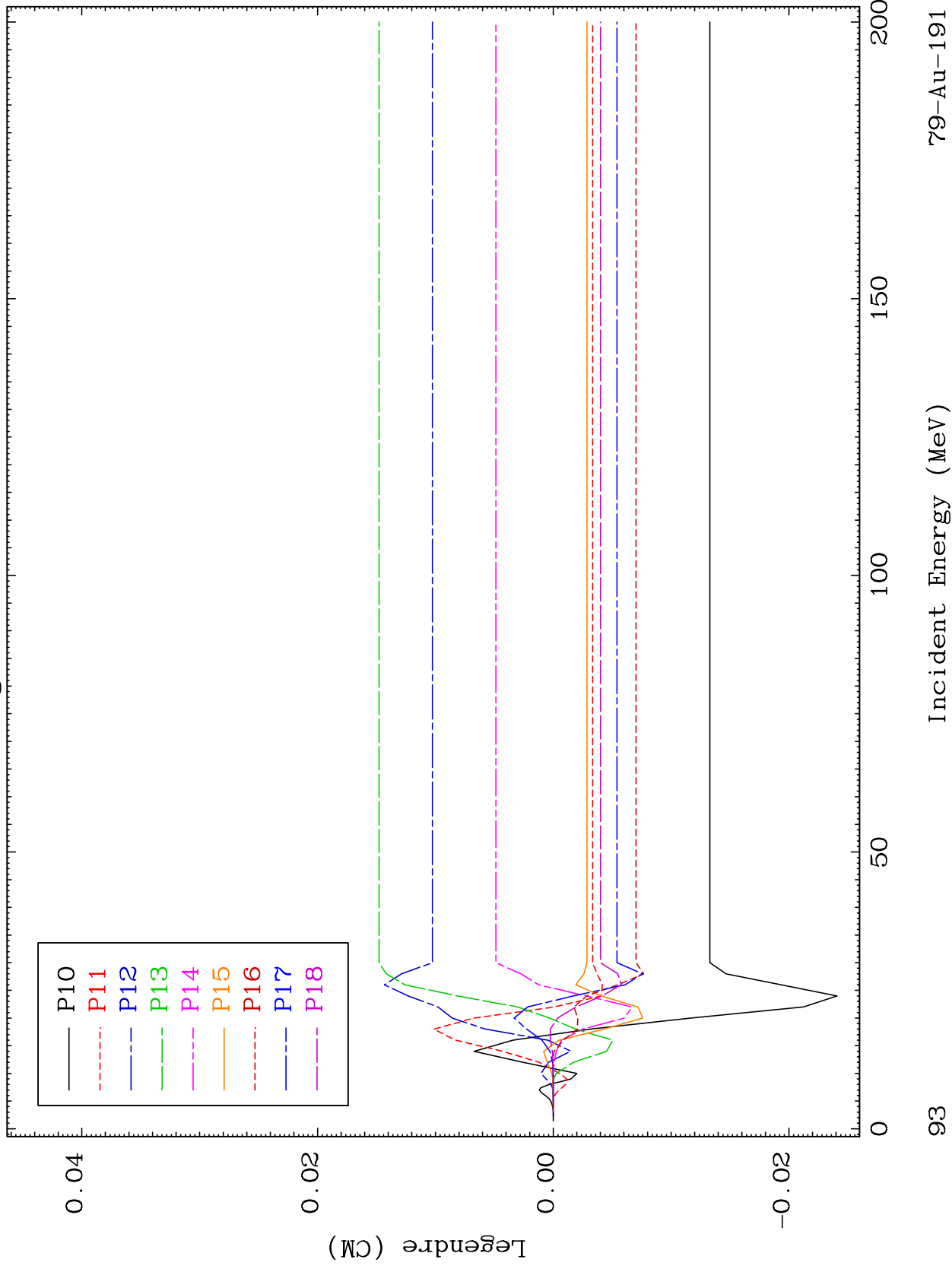




MAT 7907

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

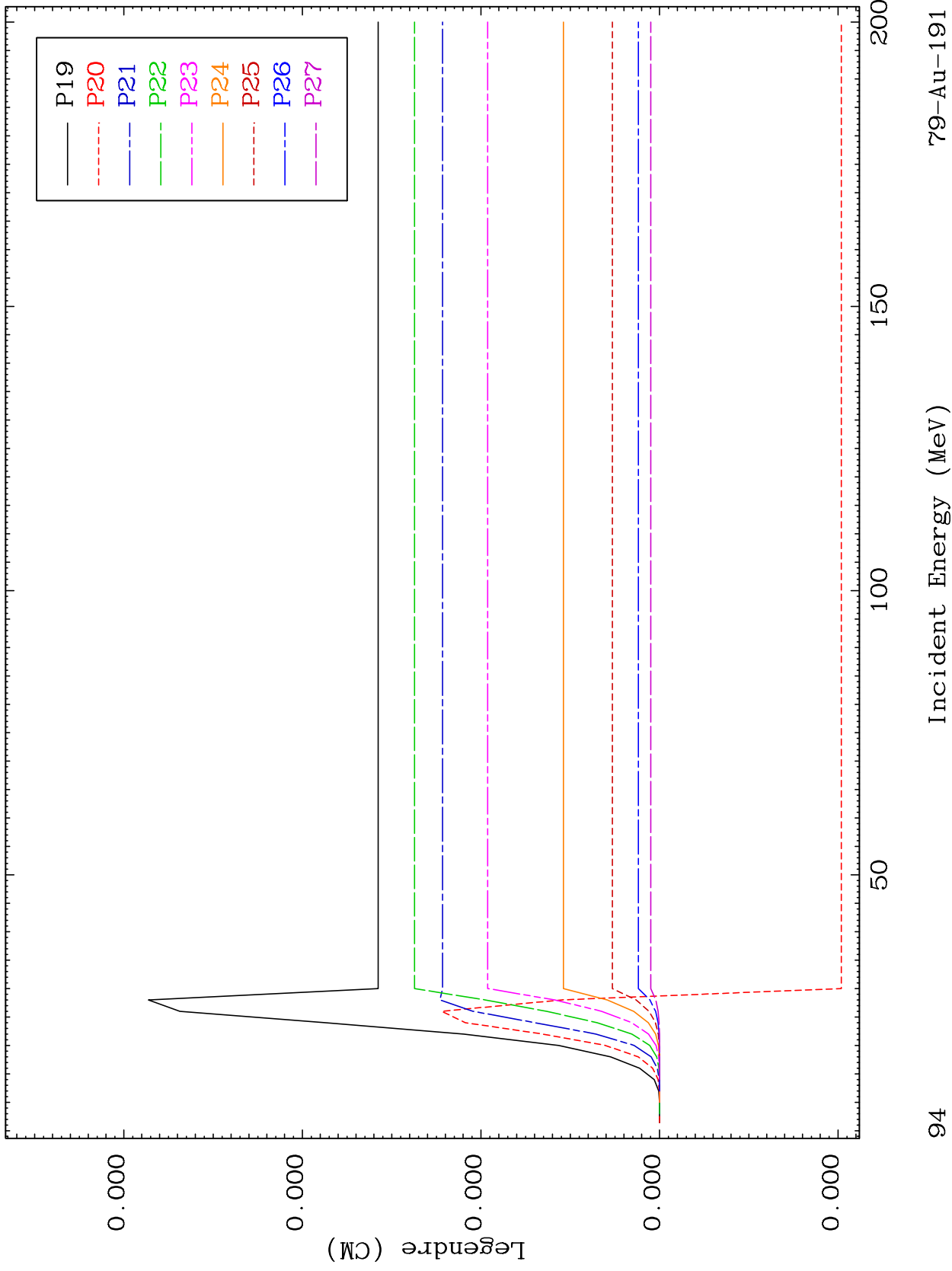
79-Au-191



MAT 7907

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

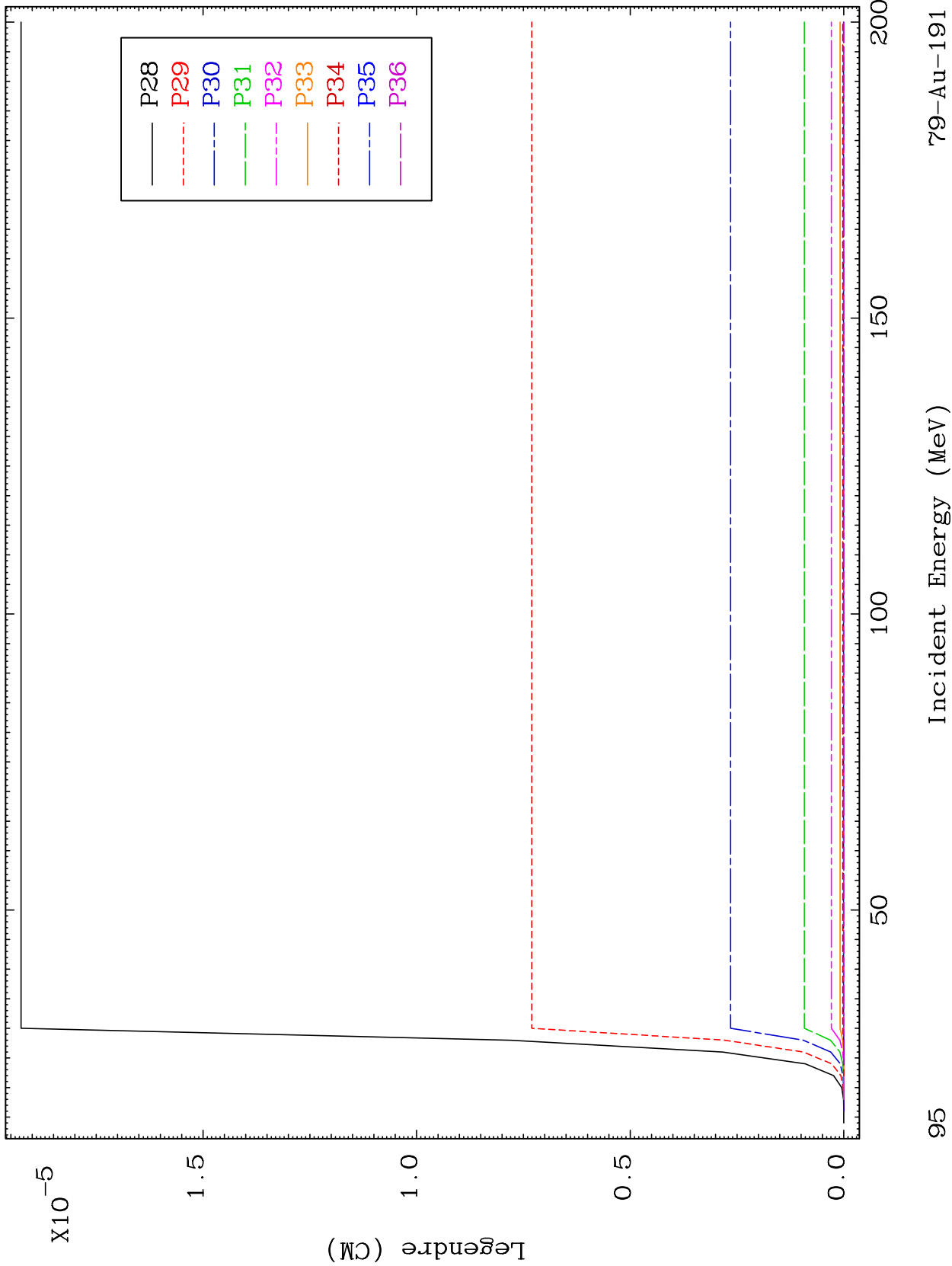
79-Au-191



MAT 7907

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

79-Au-191



95

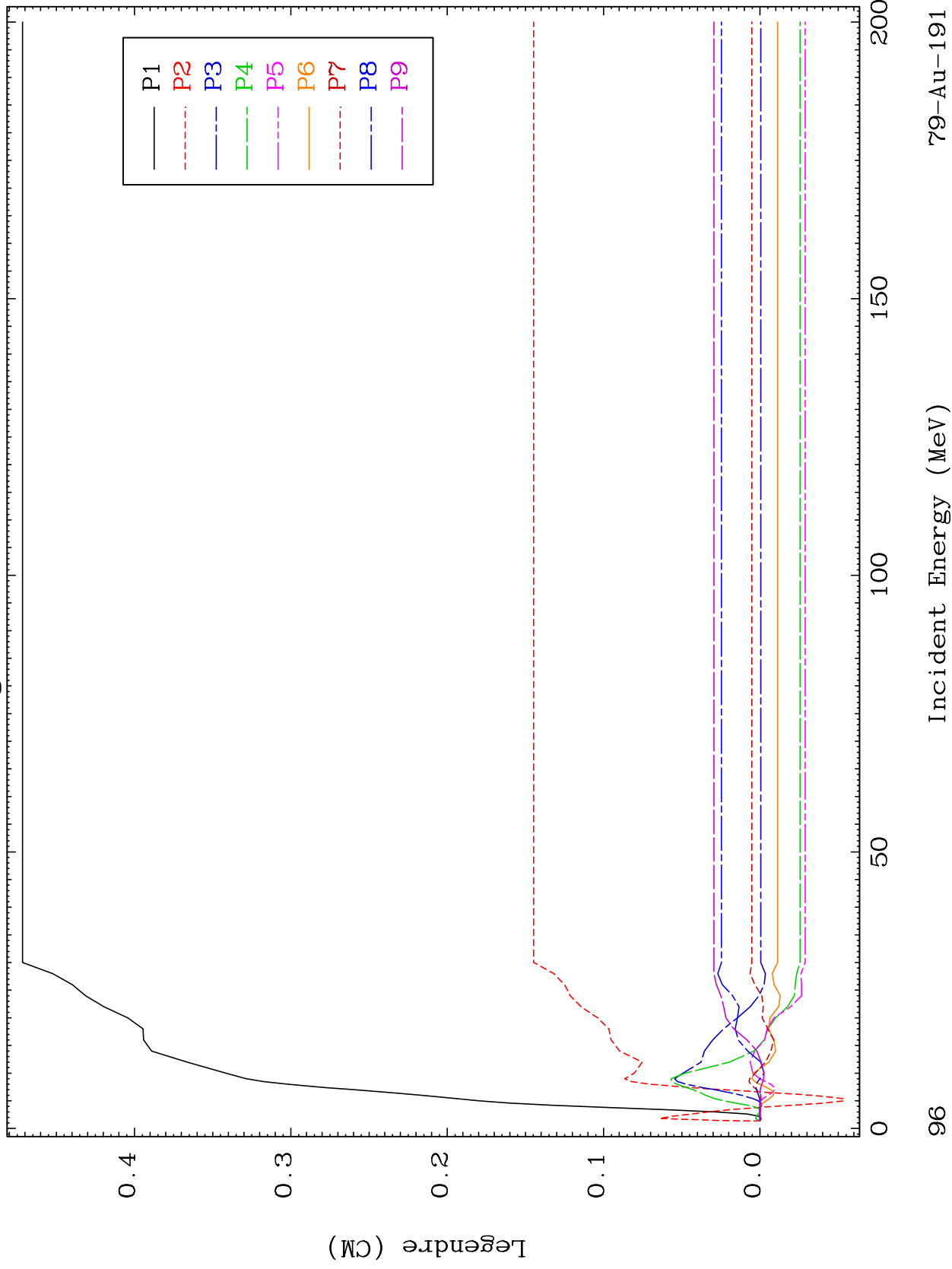
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



79-Au-191

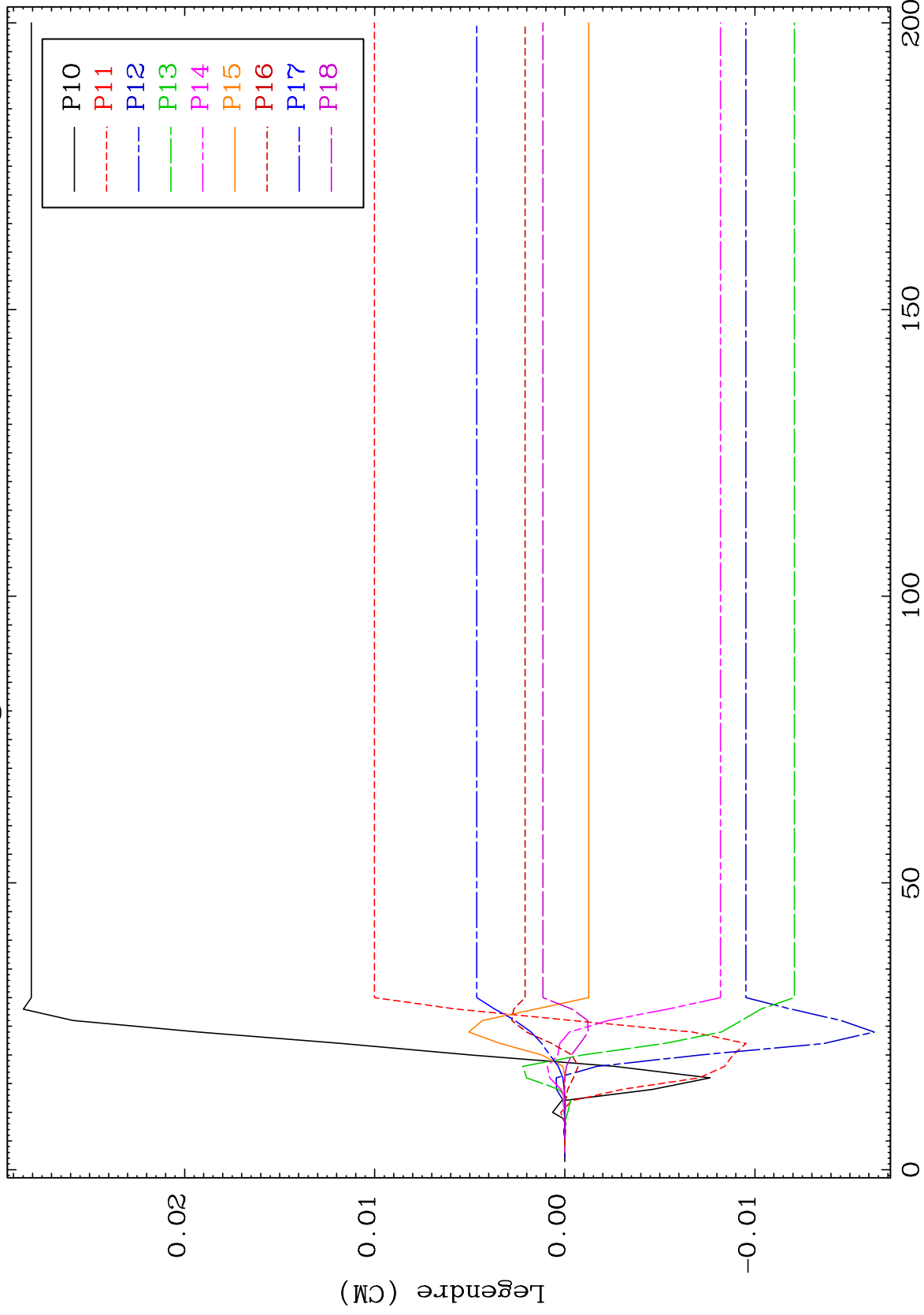
Incident Energy (MeV)

96

MAT 7907

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

79-Au-191



97

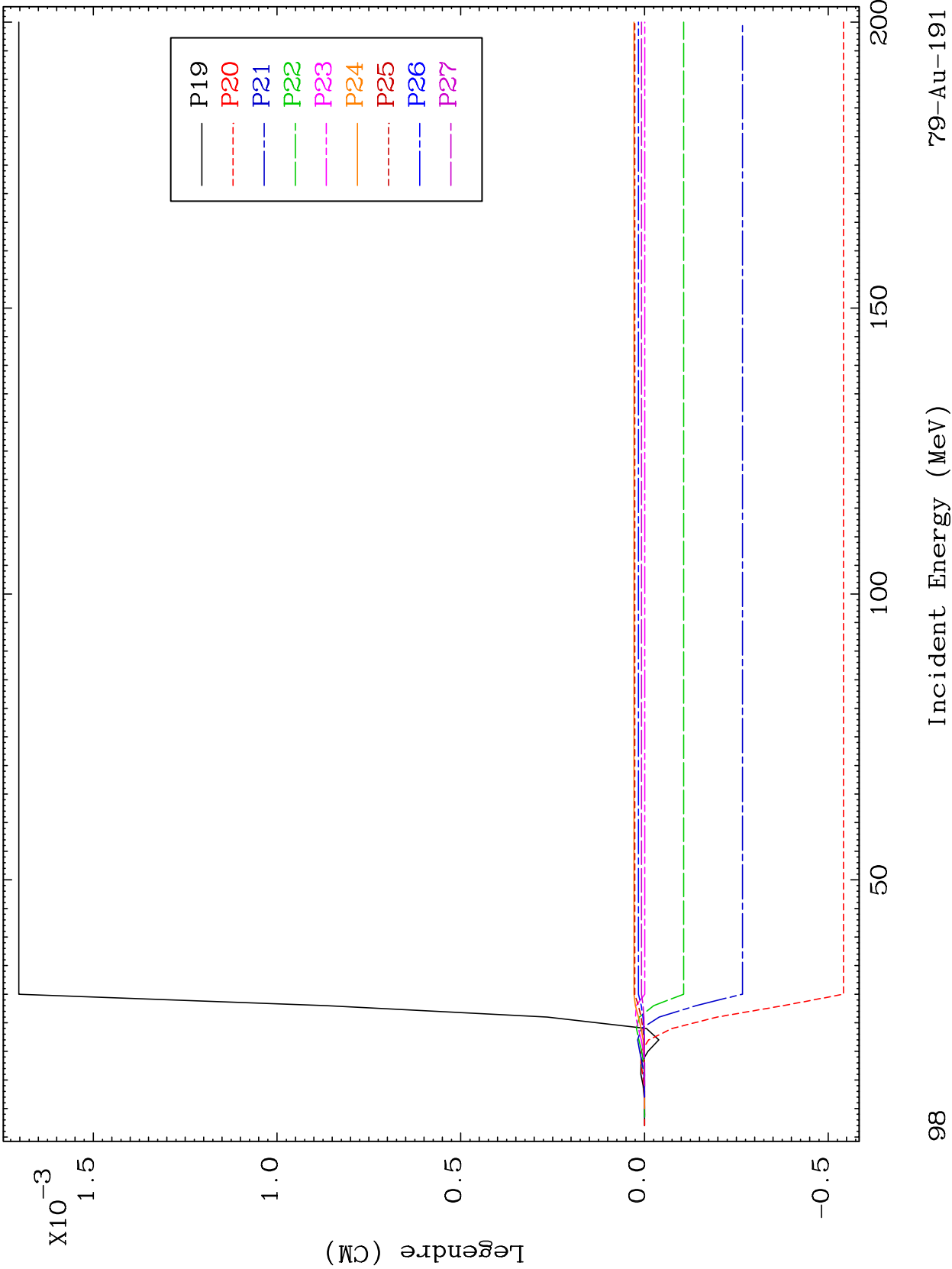
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



98

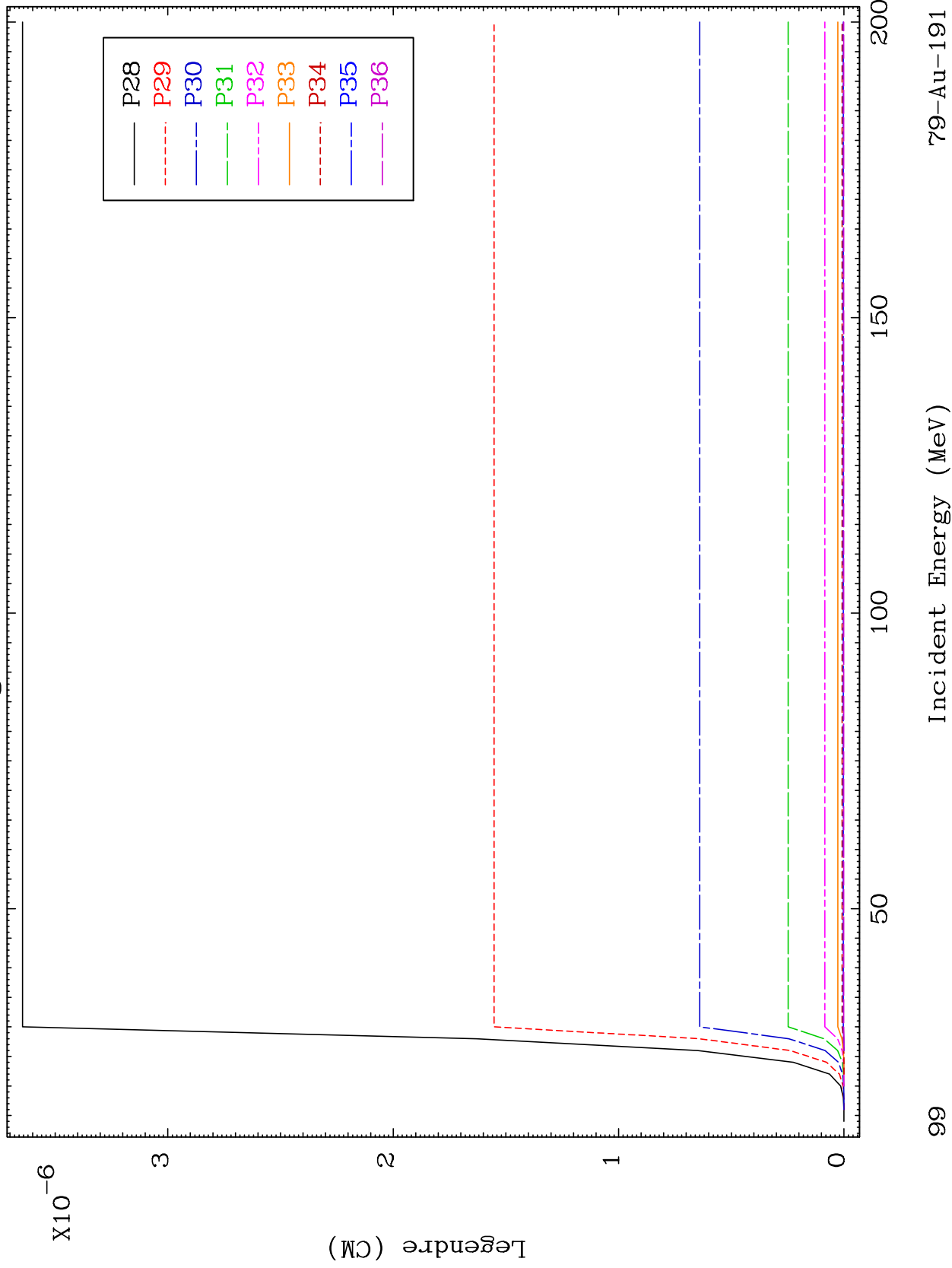
Incident Energy (MeV)

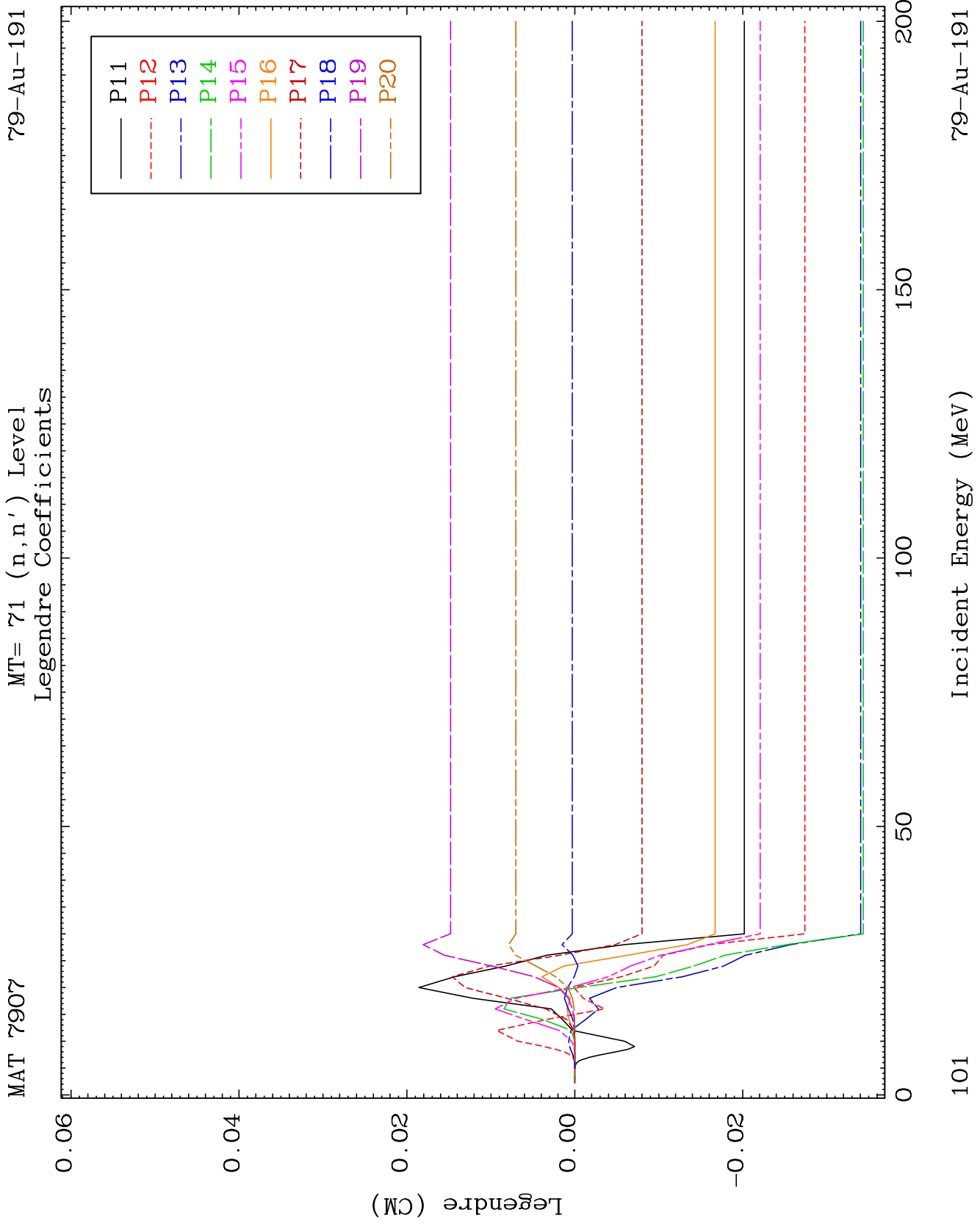
79-Au-191

MAT 7907

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

79-Au-191

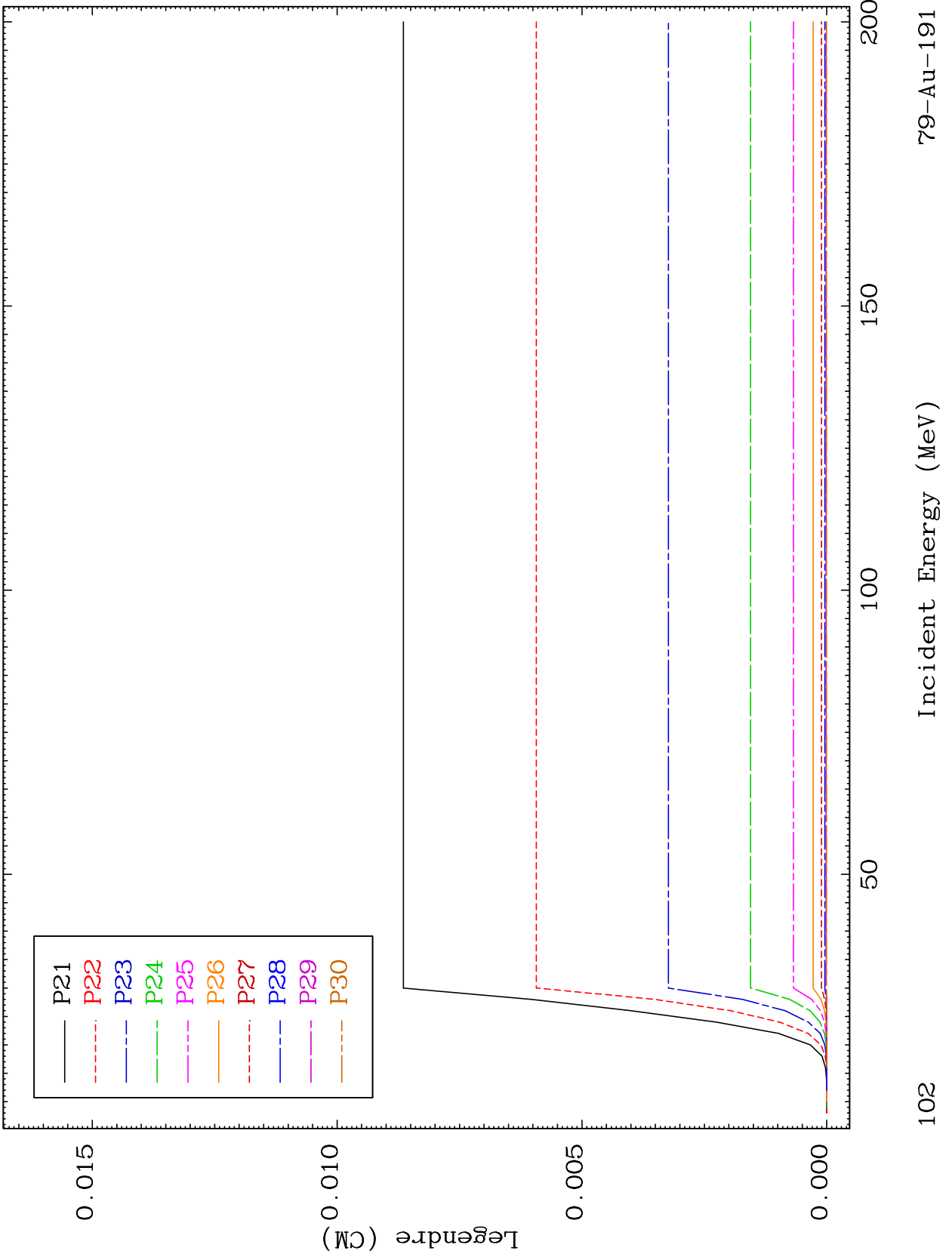




MAT 7907

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

79-Au-191



102

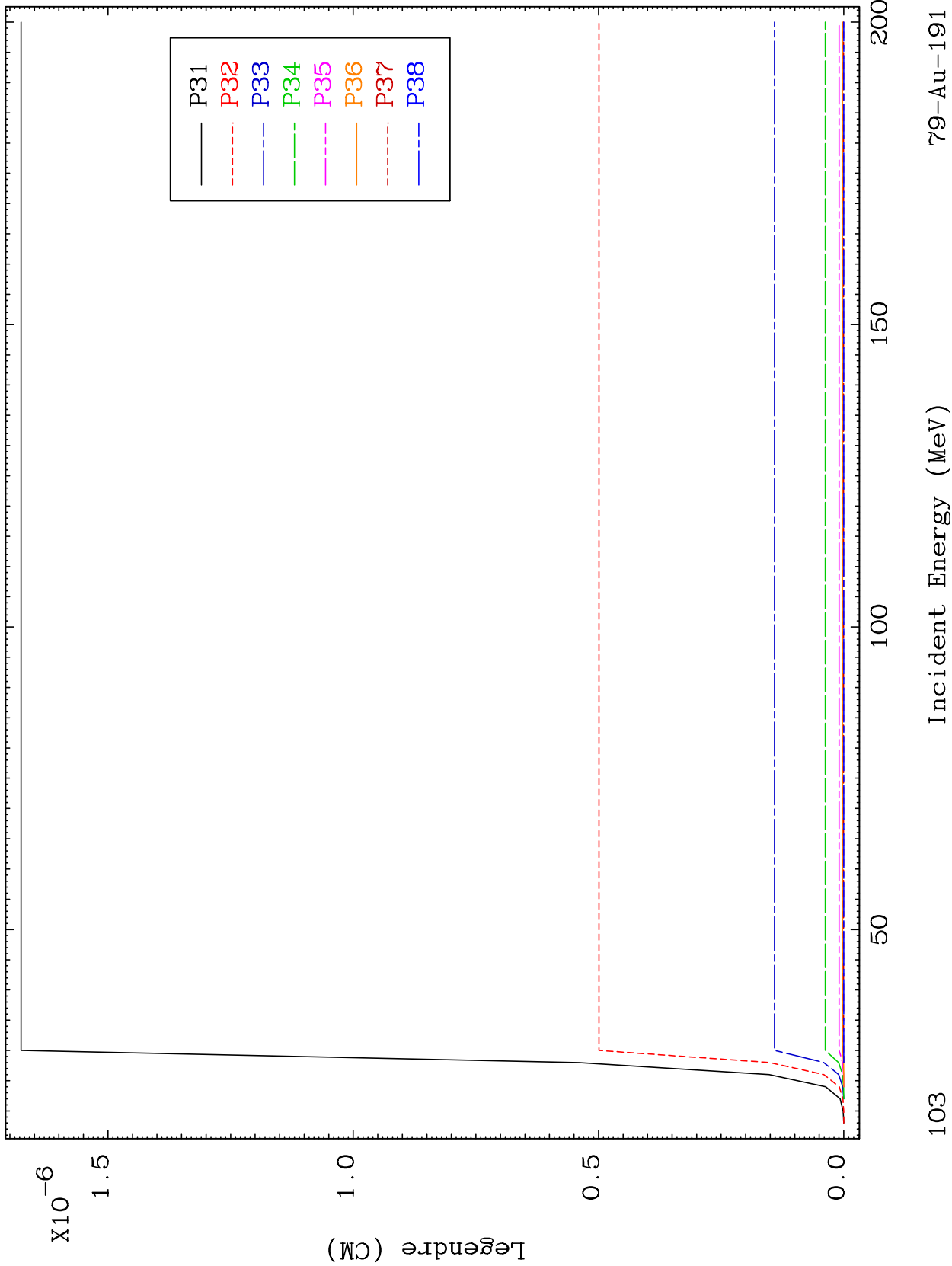
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



103

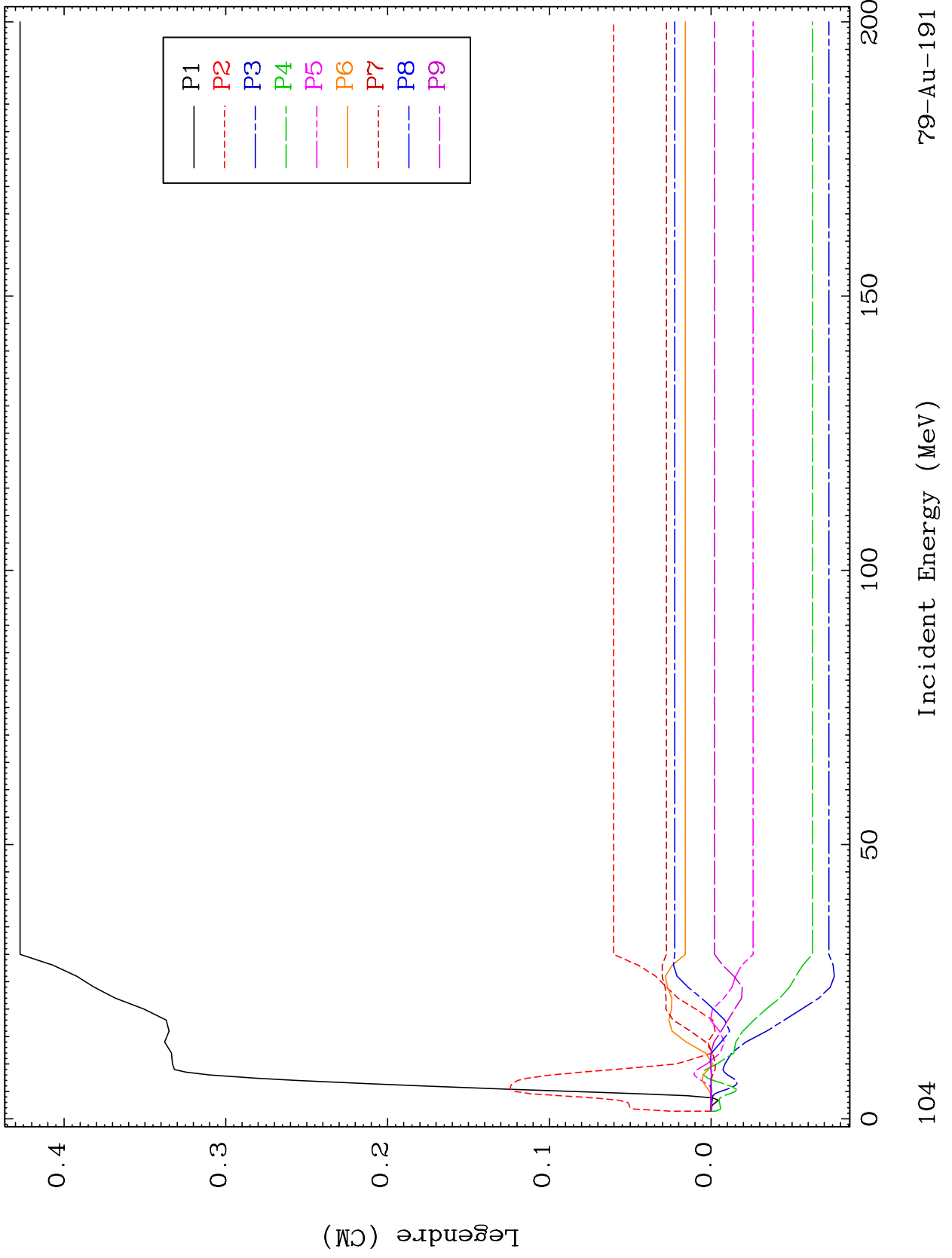
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



104

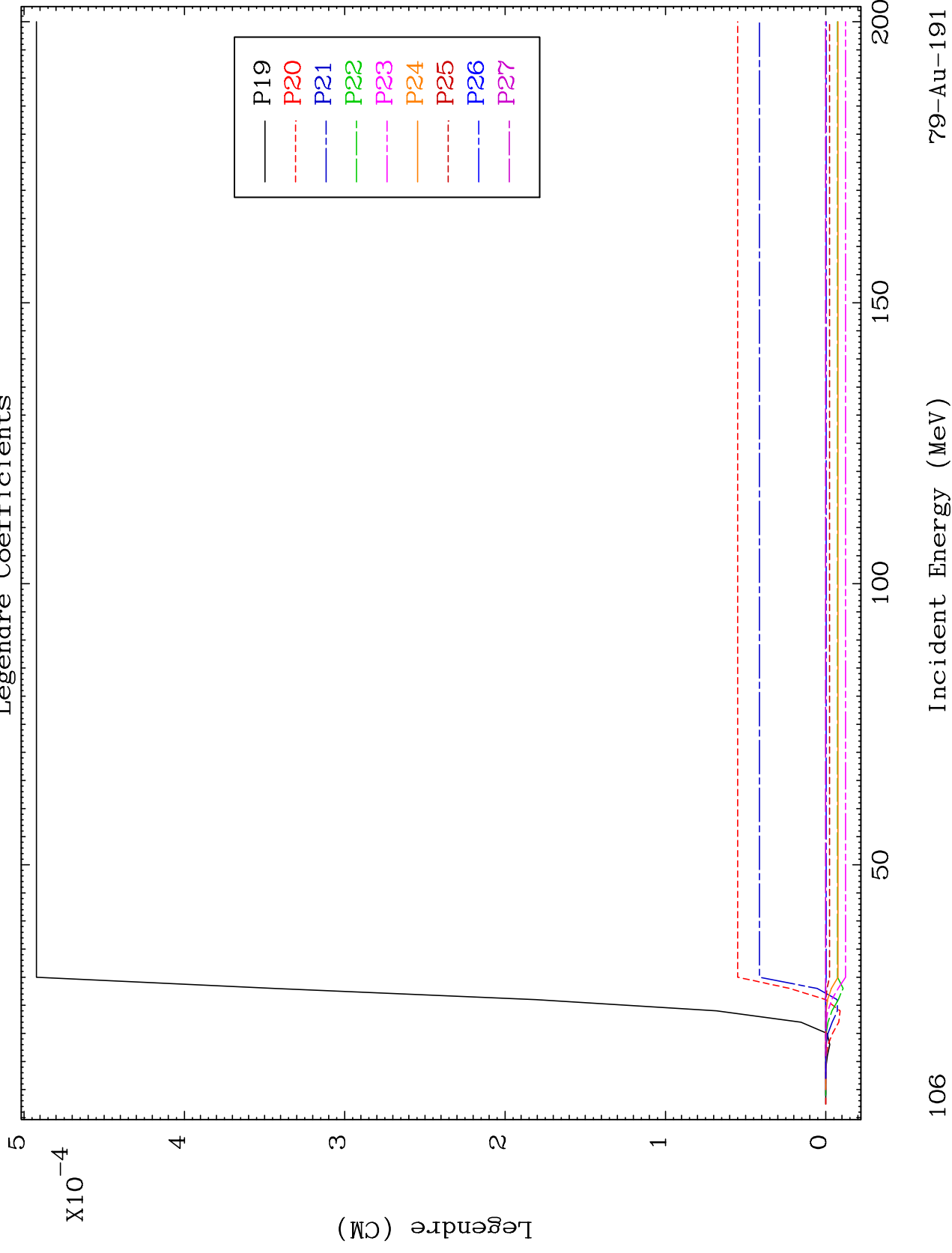
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



106

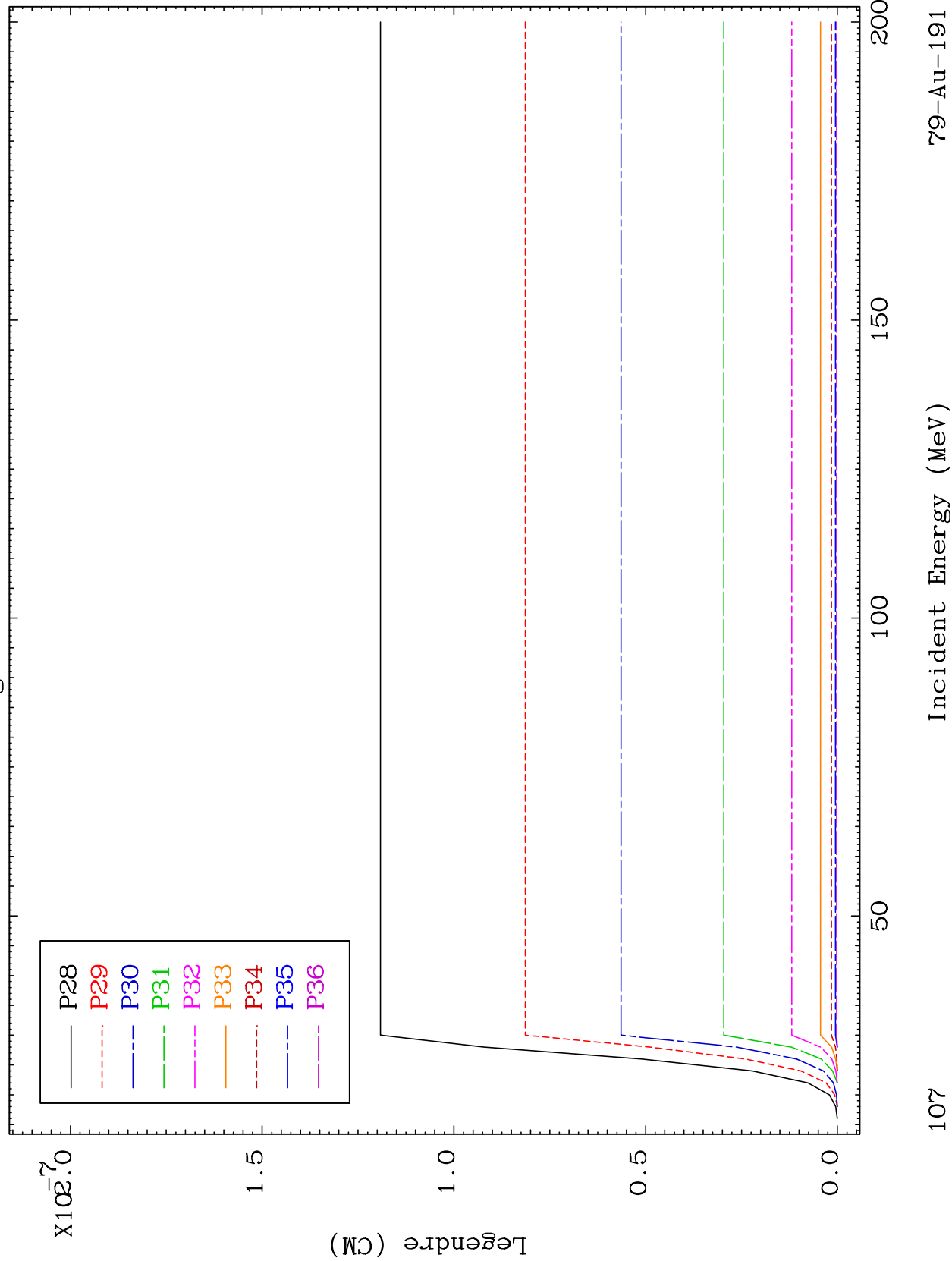
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



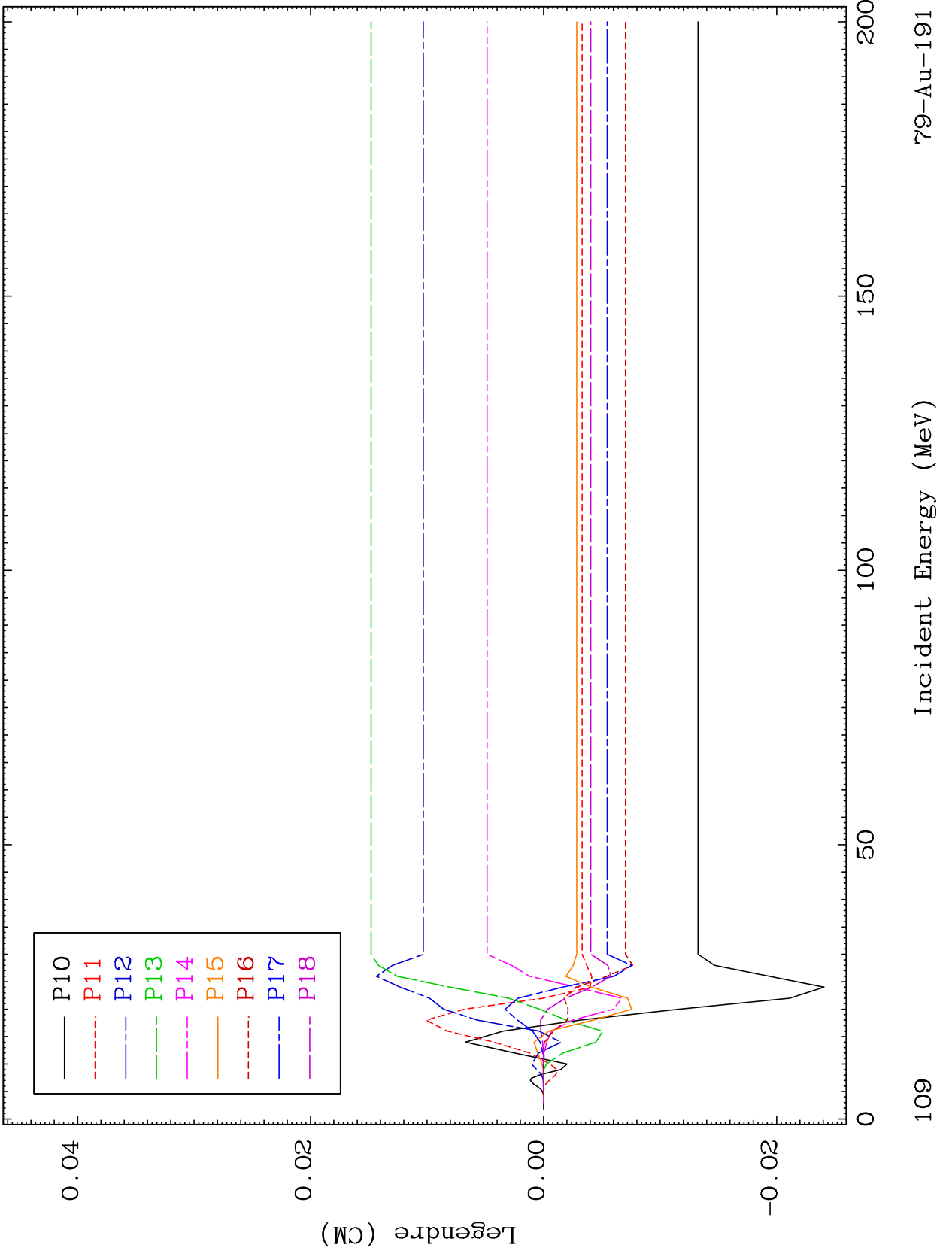
107

79-Au-191

MAT 7907

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

79-Au-191



109

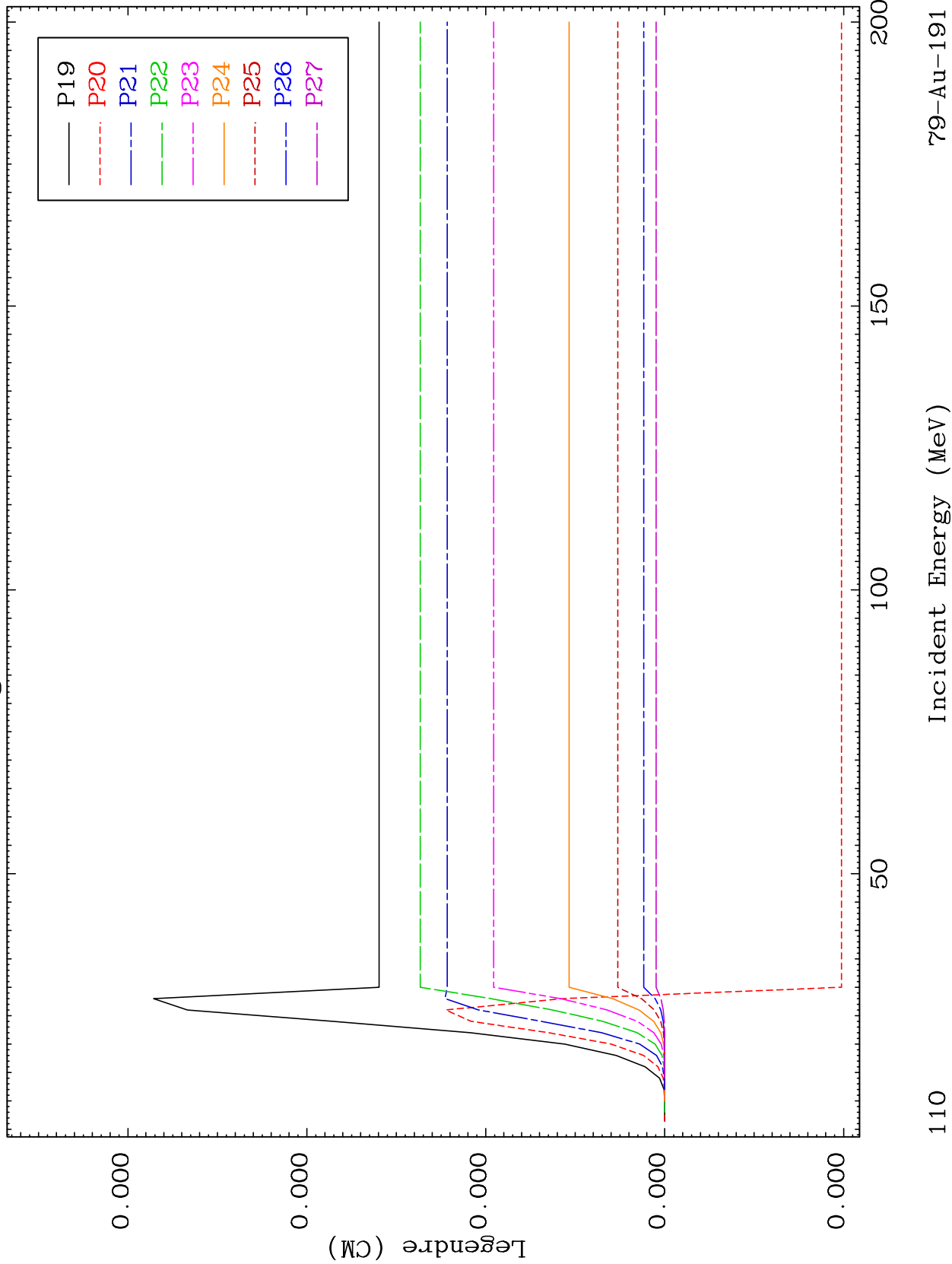
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



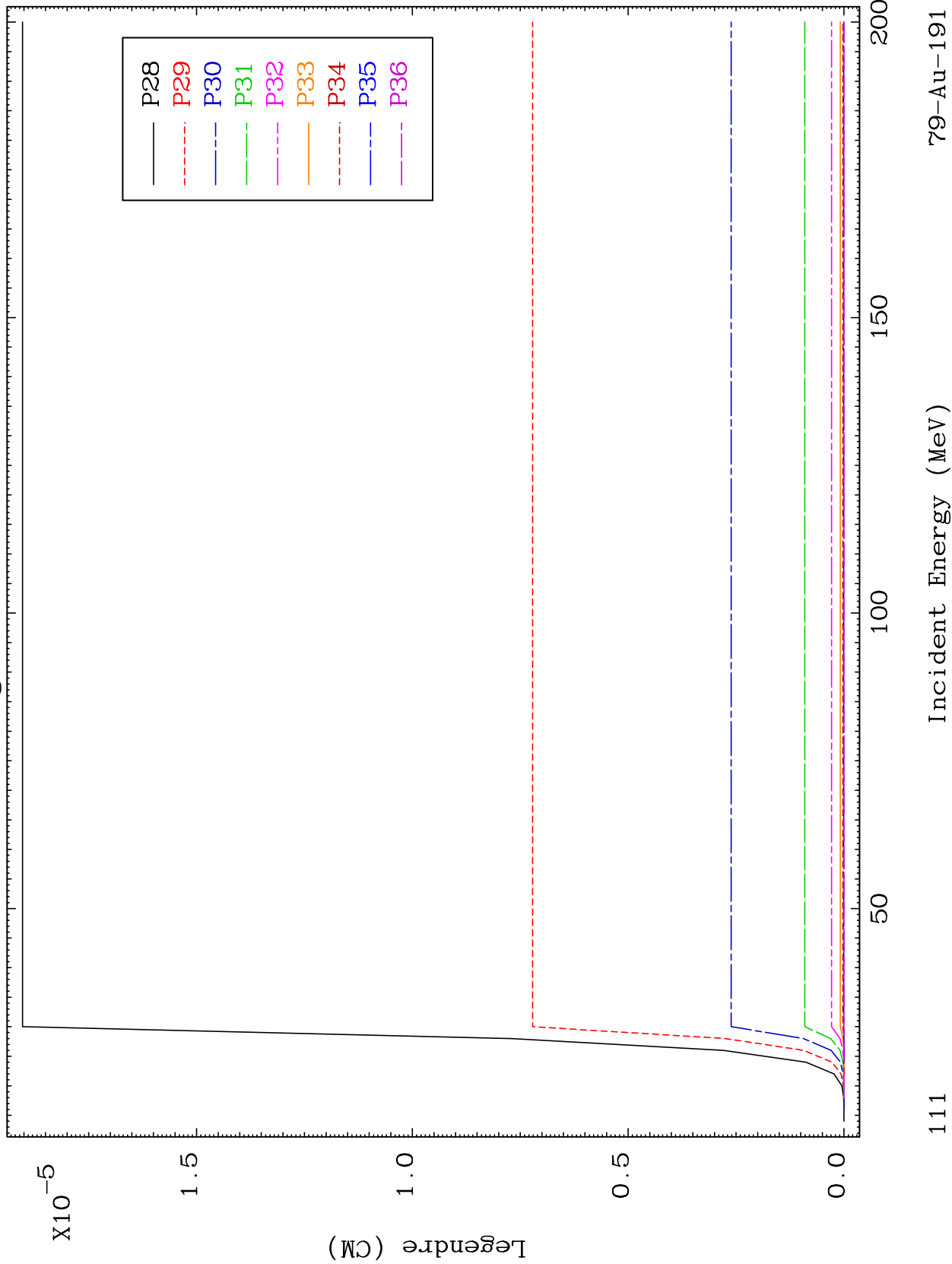
110

79-Au-191

MAT 7907

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

79-Au-191



111

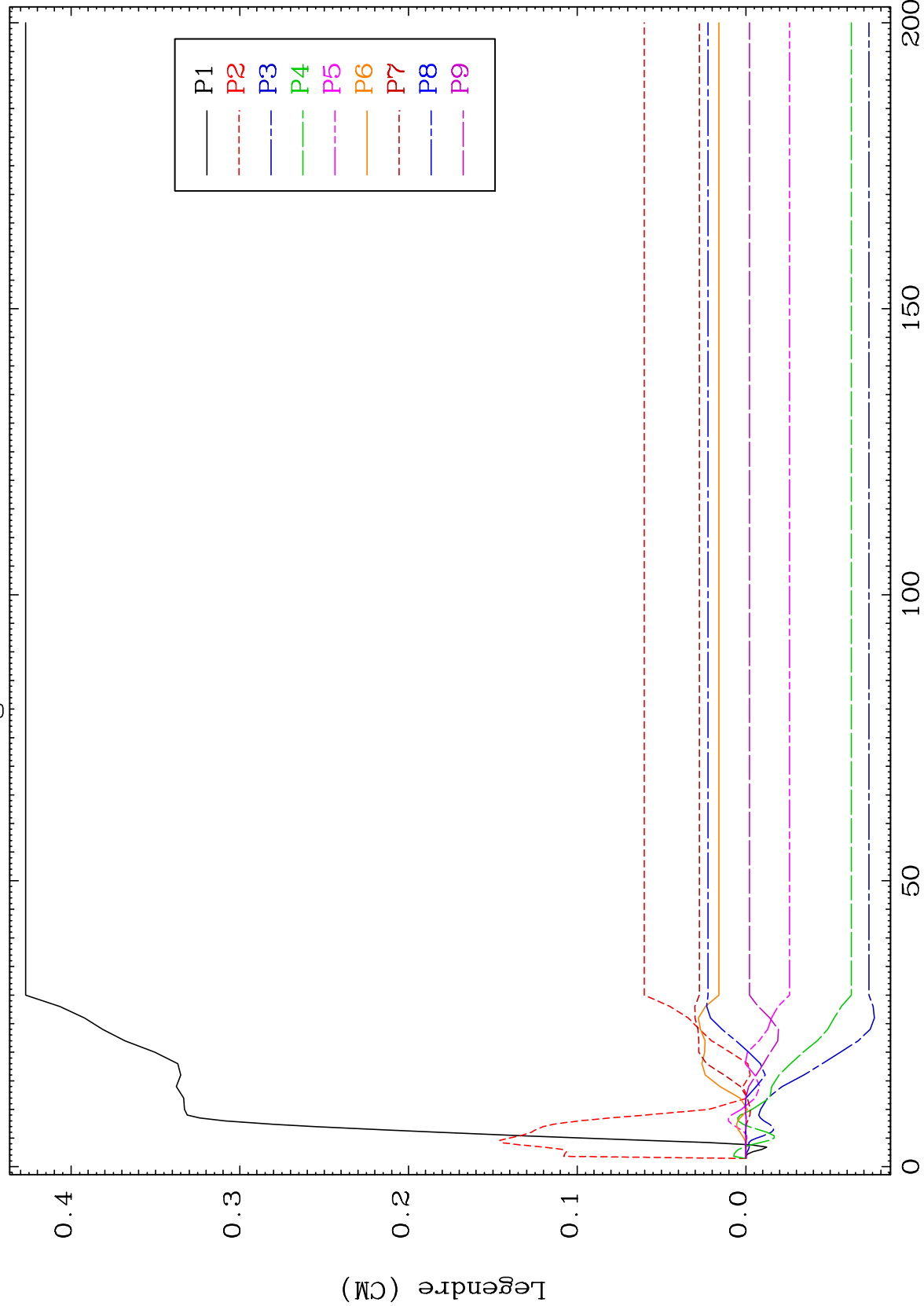
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



79-Au-191

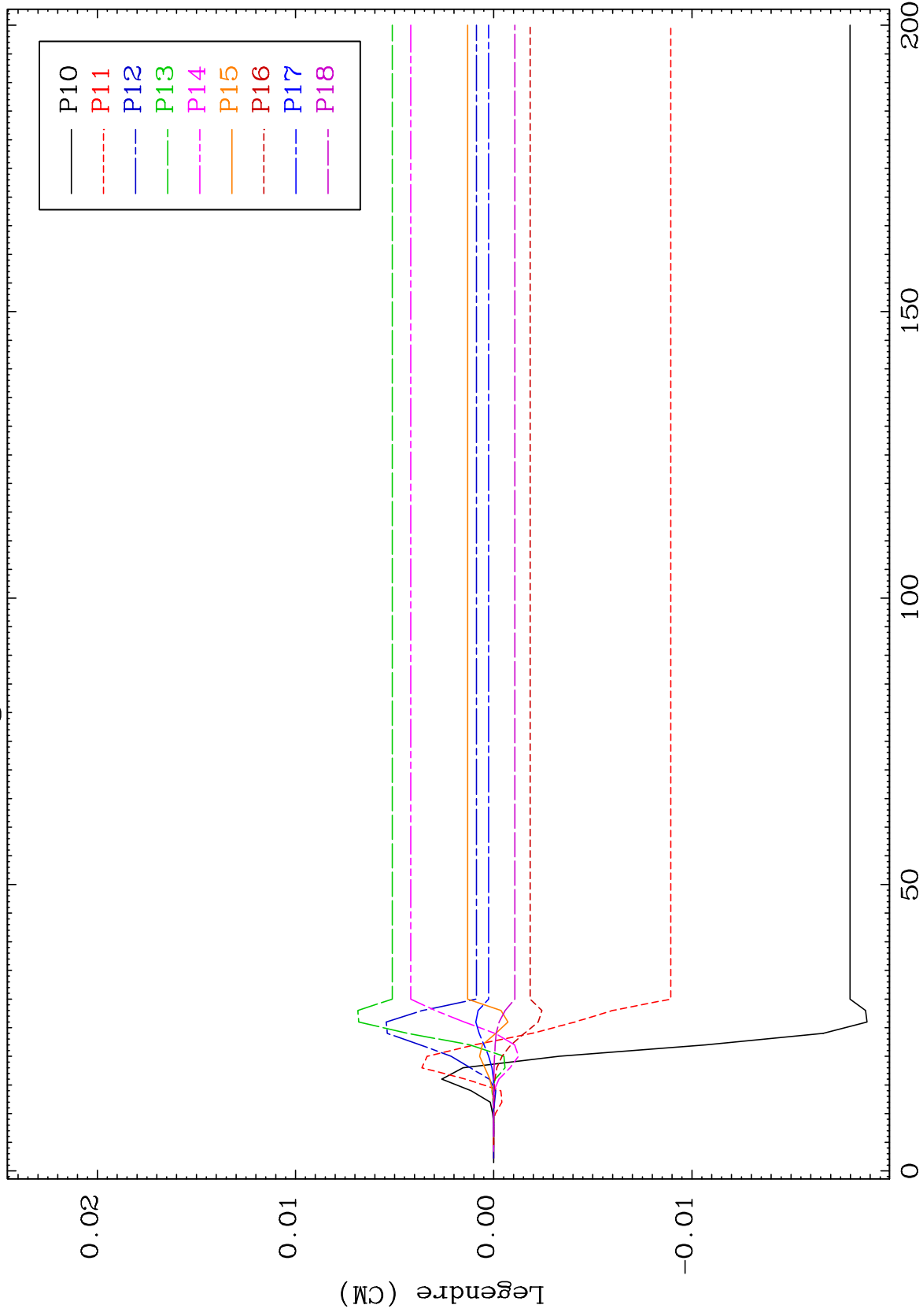
Incident Energy (MeV)

112

MAT 7907

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

79-Au-191



113

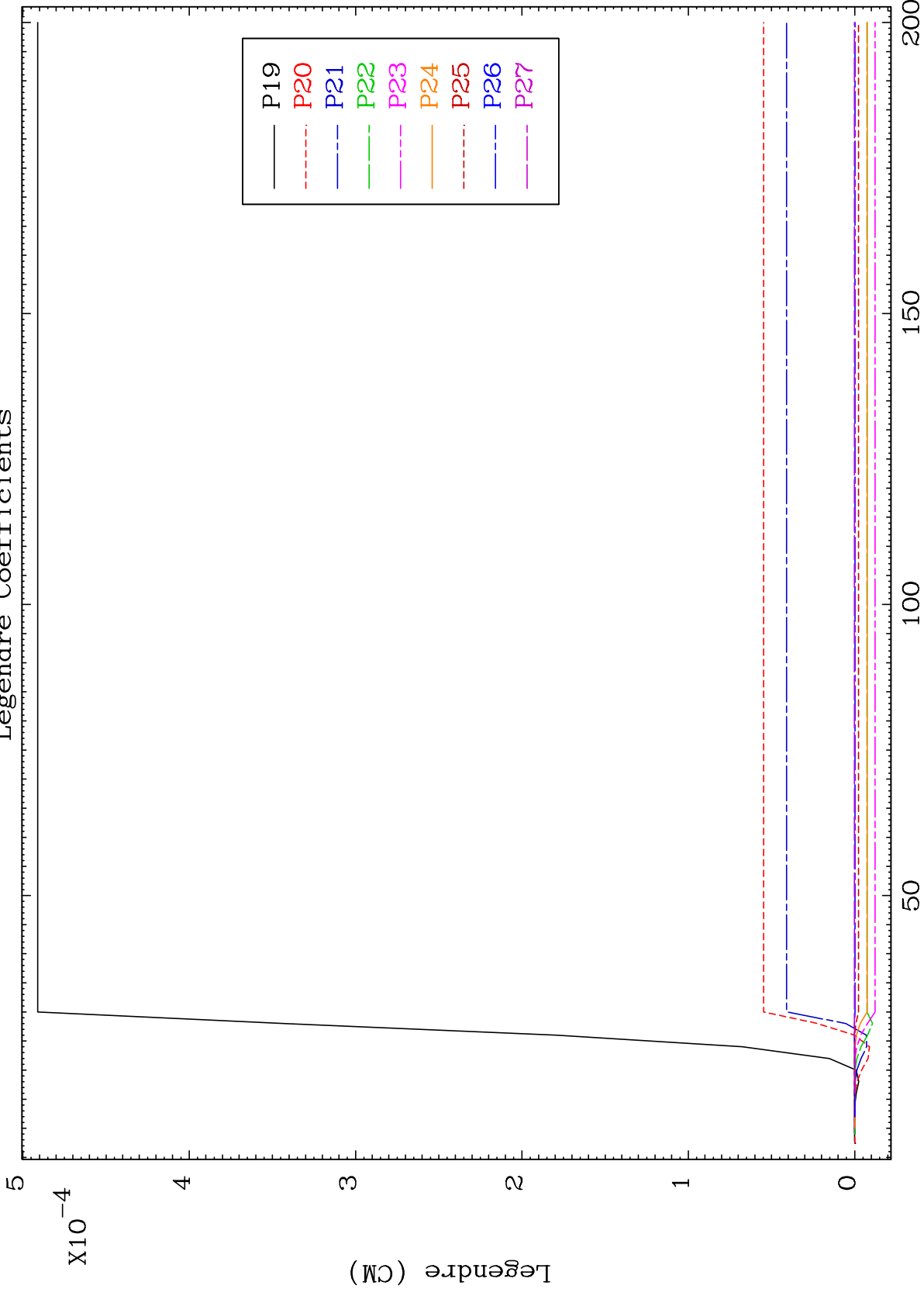
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



114

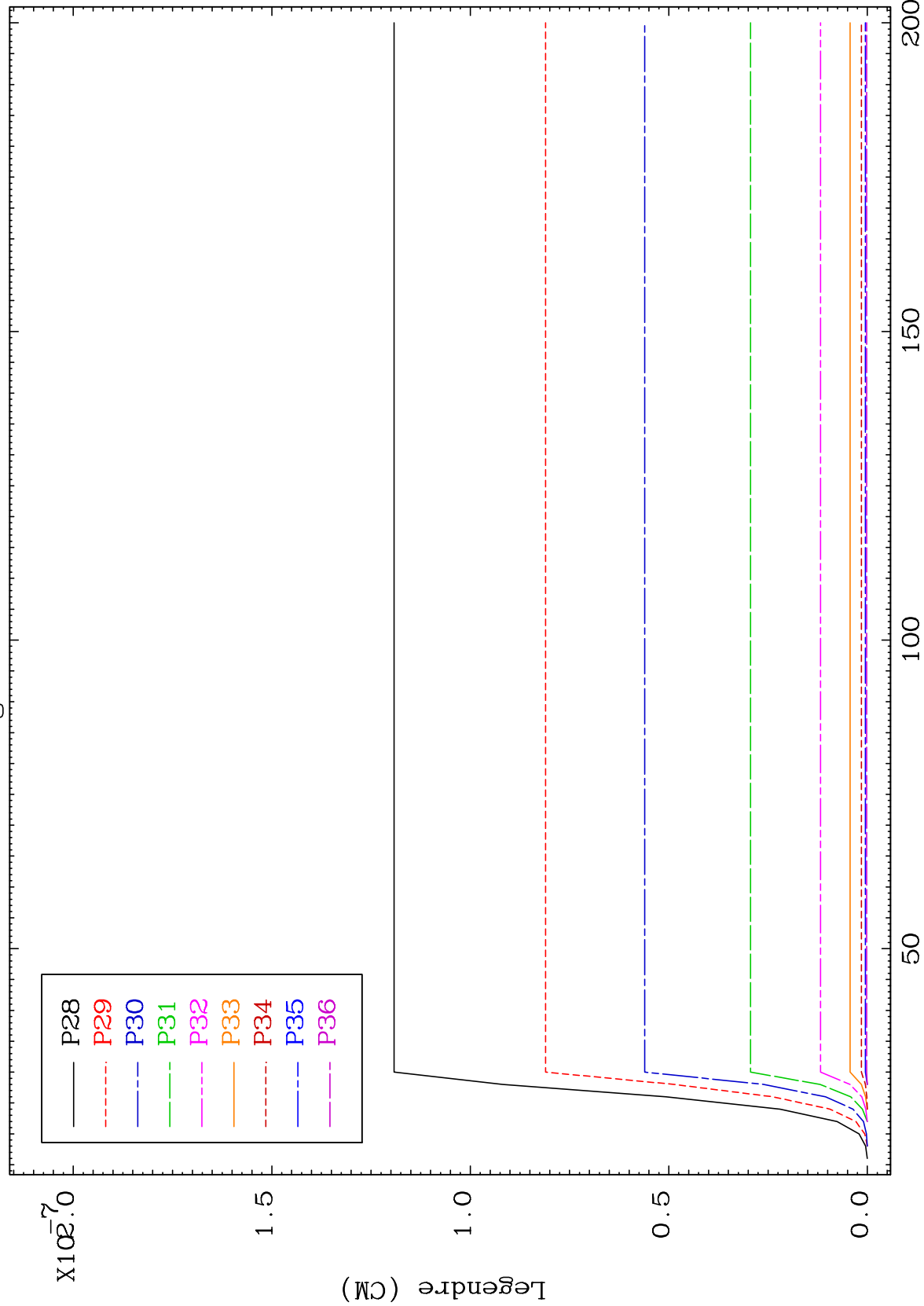
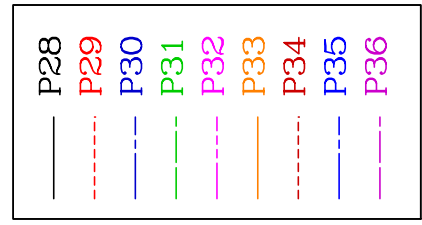
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



115

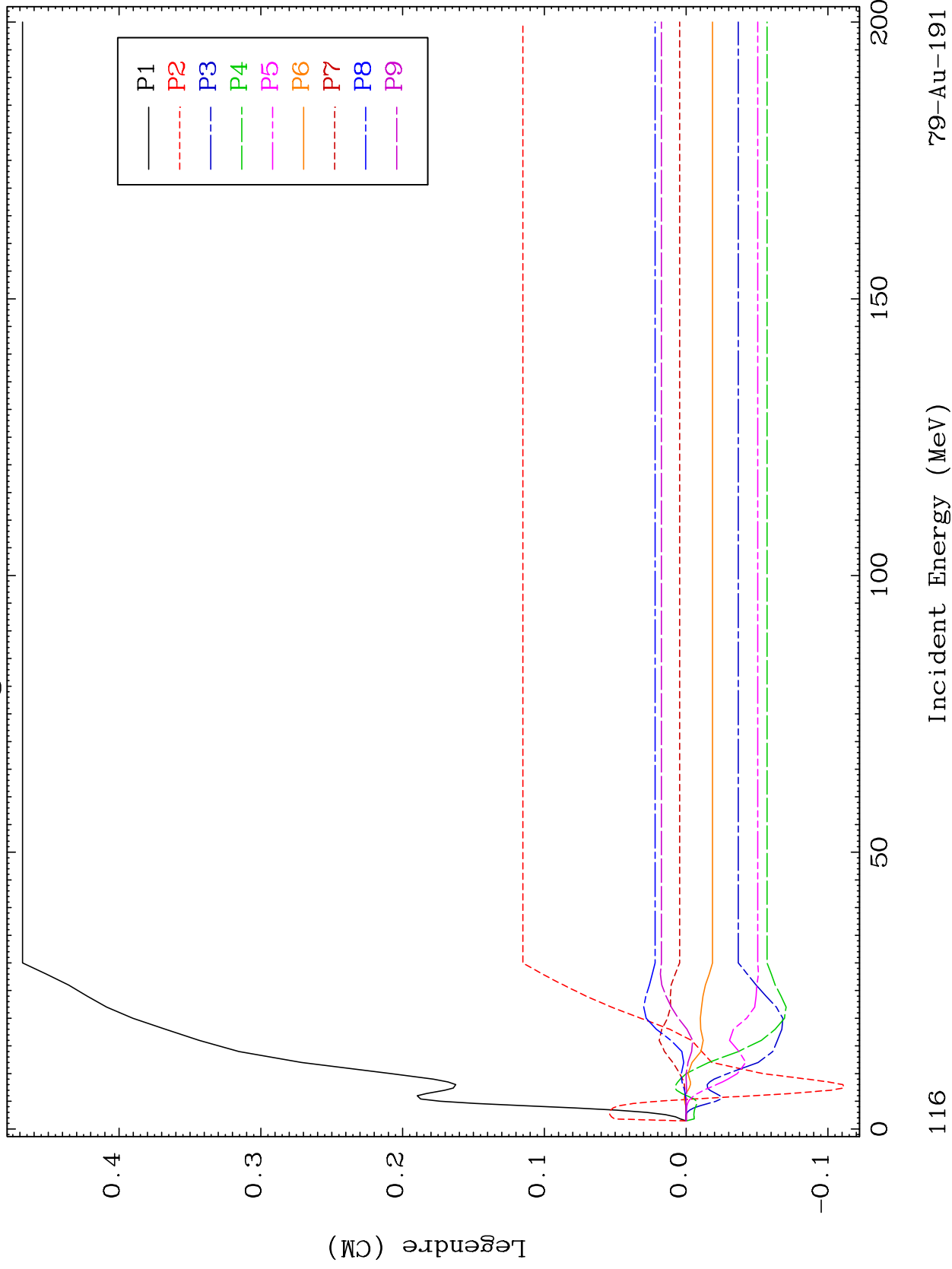
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



79-Au-191

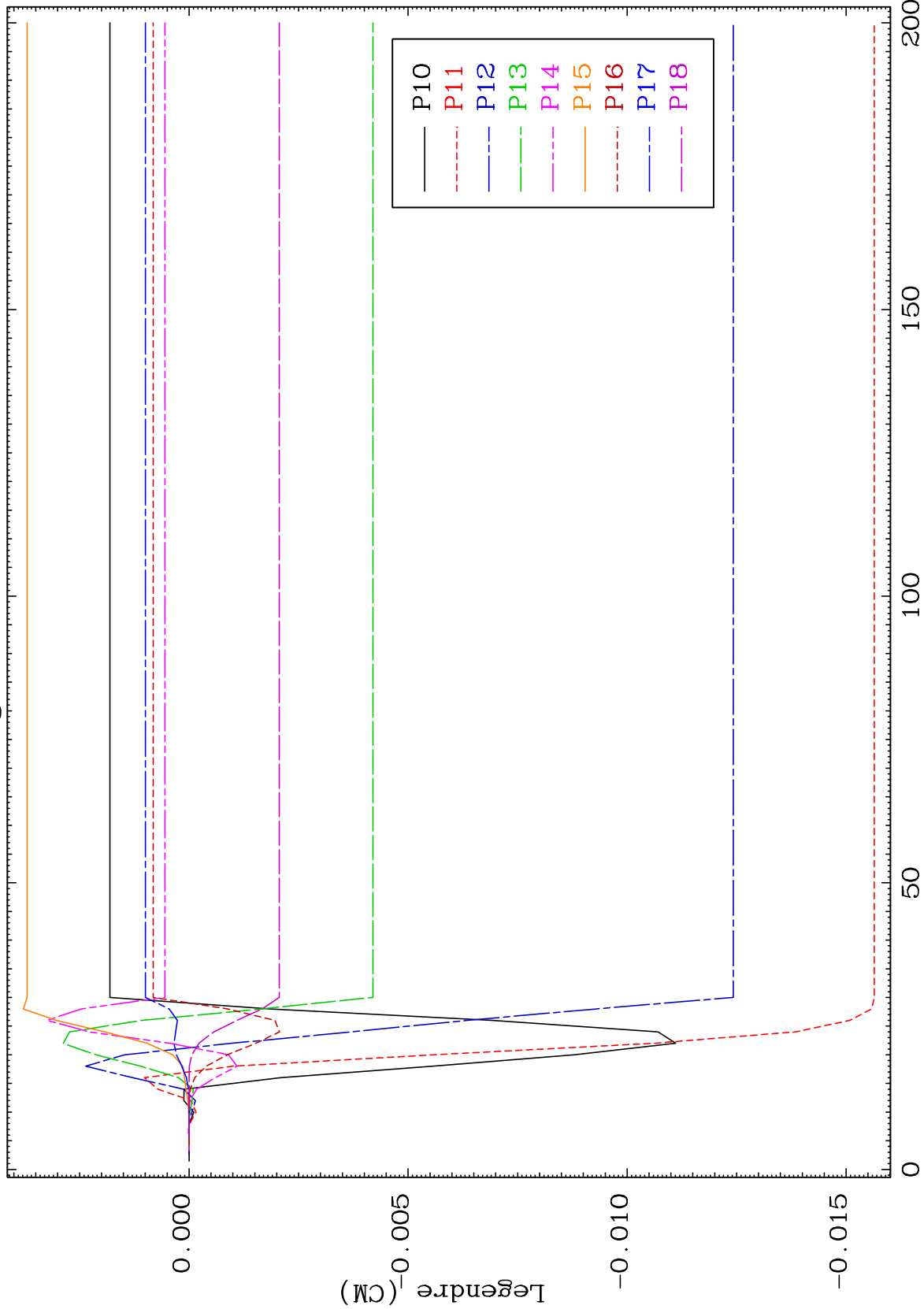
Incident Energy (MeV)

116

MAT 7907

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

79-Au-191



117

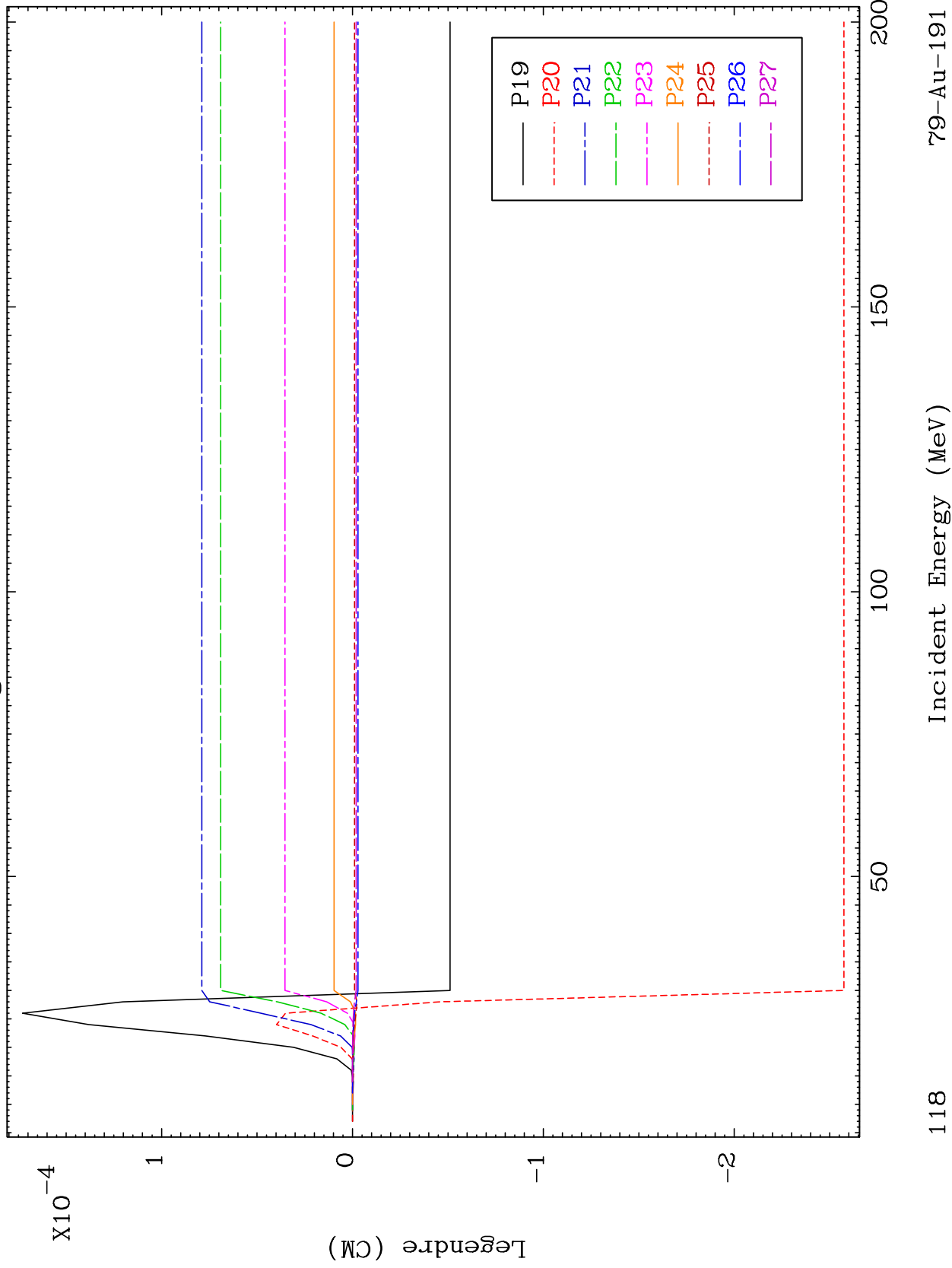
Incident Energy (MeV)

79-Au-191

MAT 7907

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

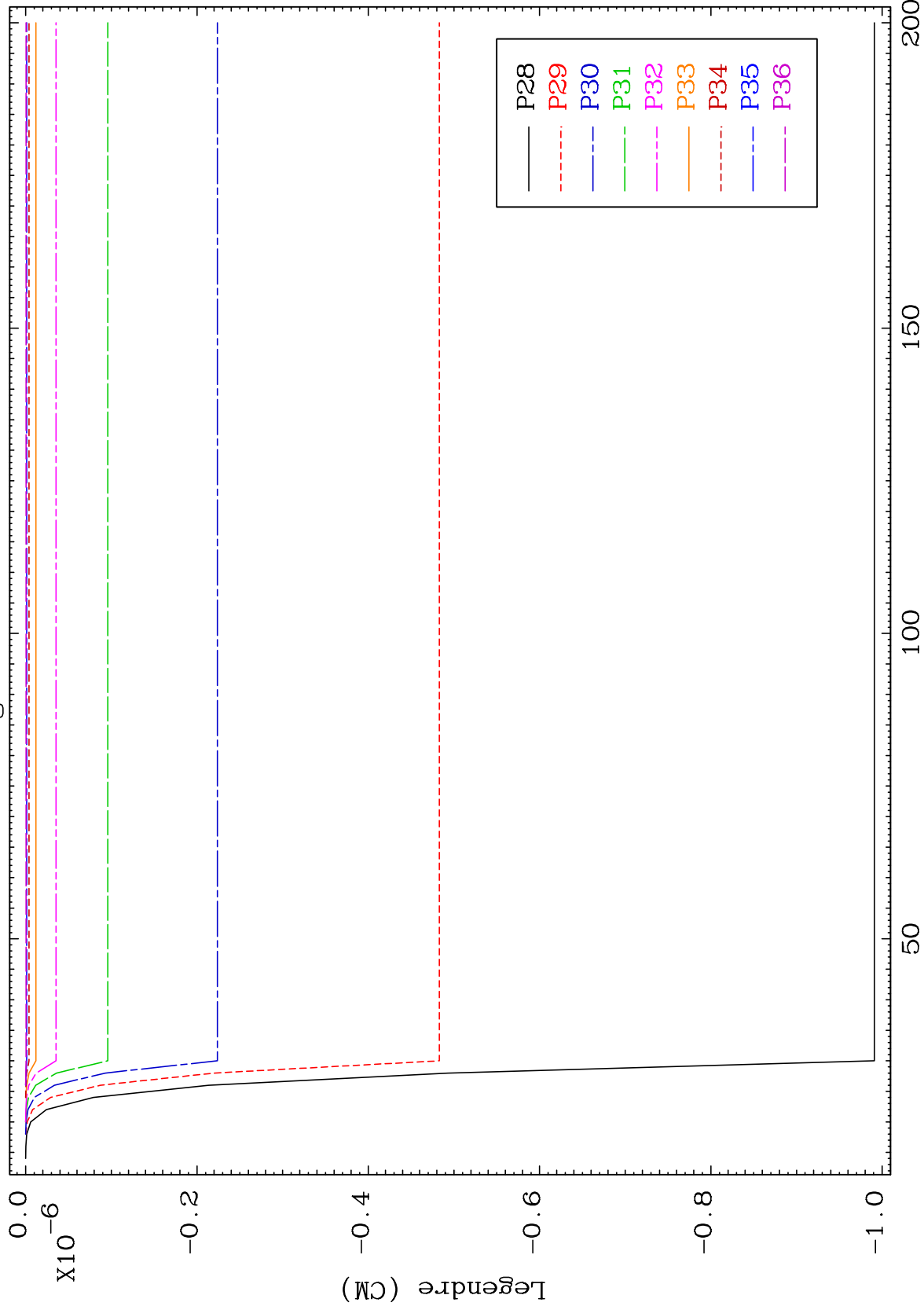
79-Au-191



MAT 7907

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

79-Au-191



119

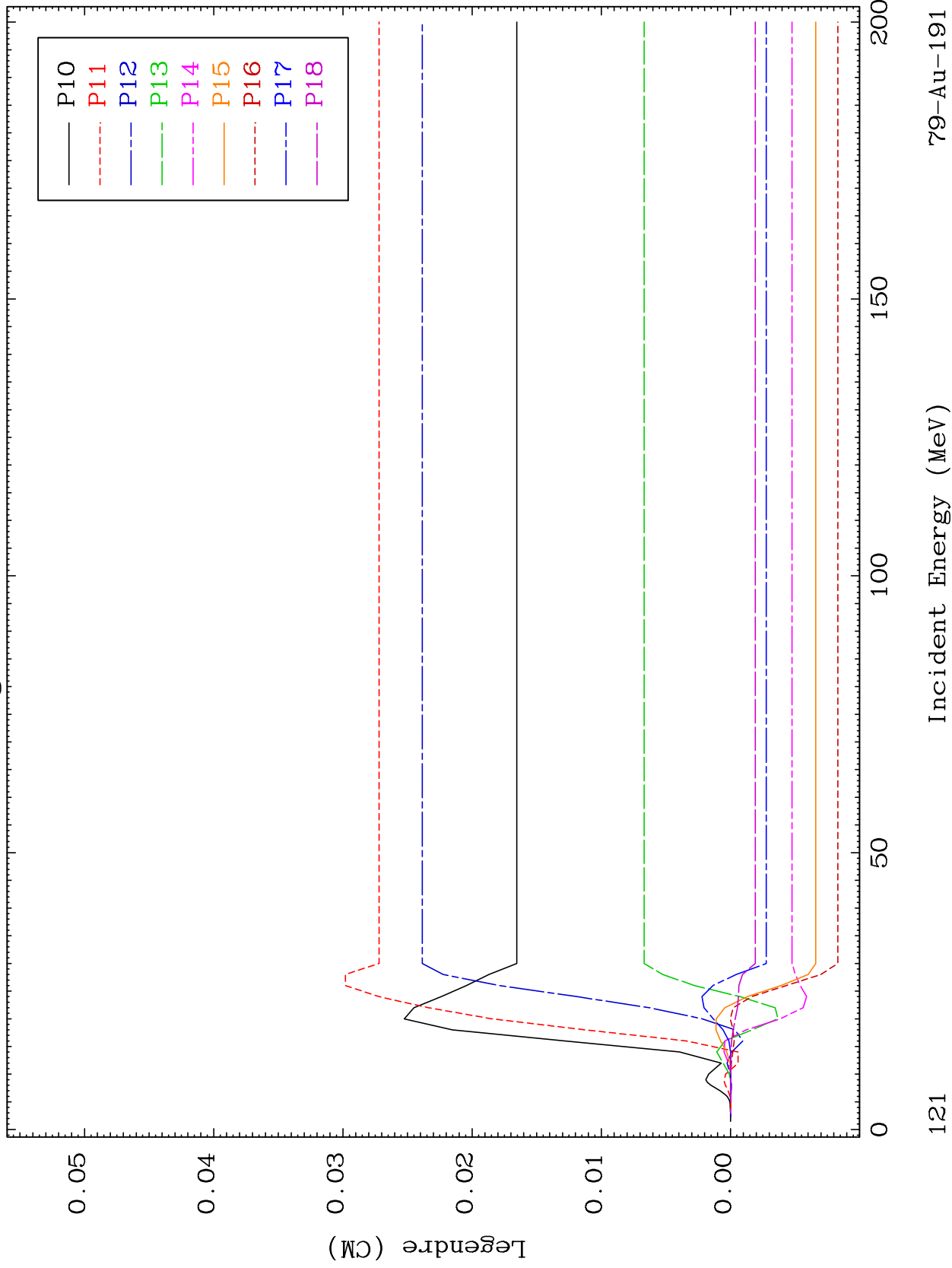
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



121

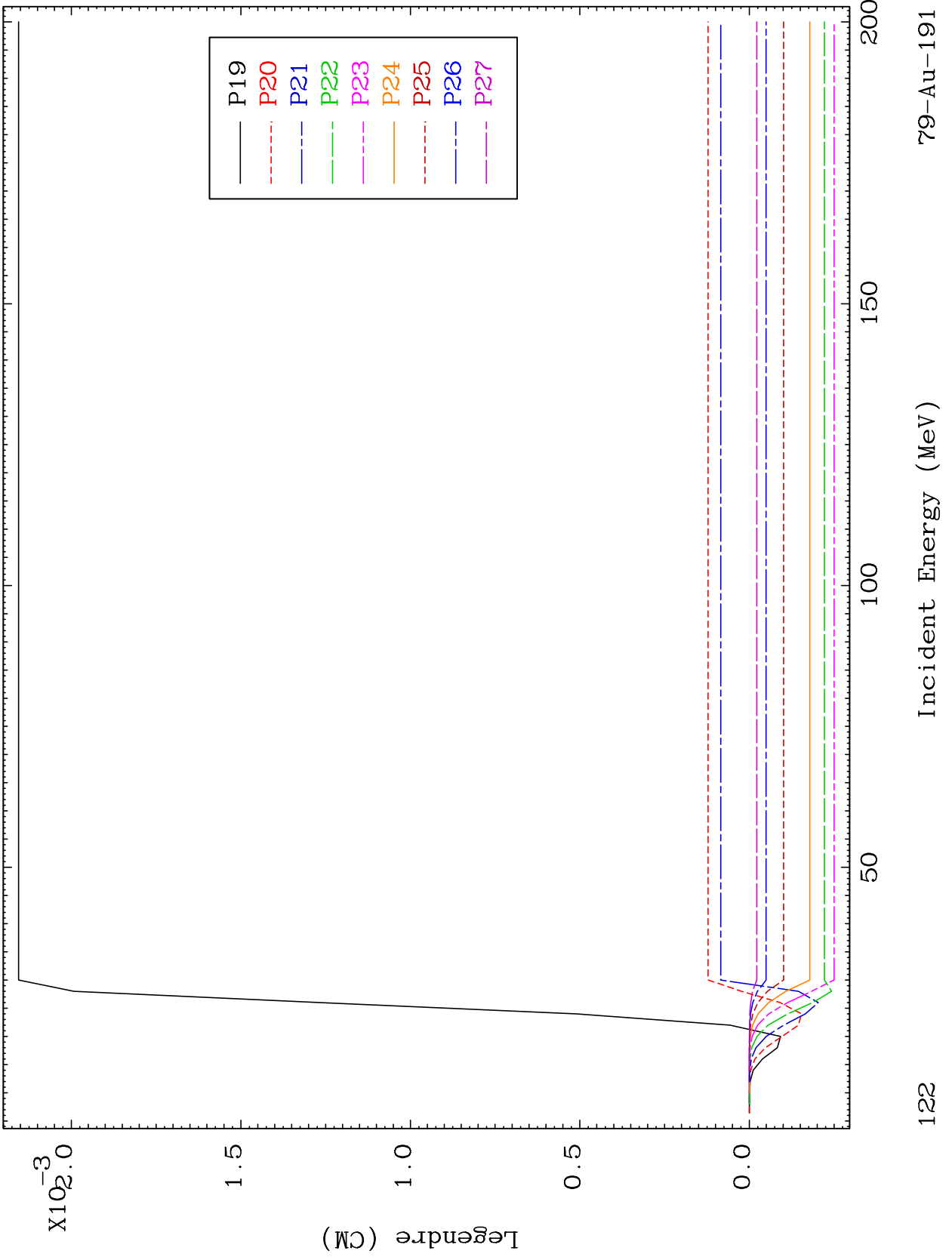
Incident Energy (MeV)

79-Au-191

MAT 7907

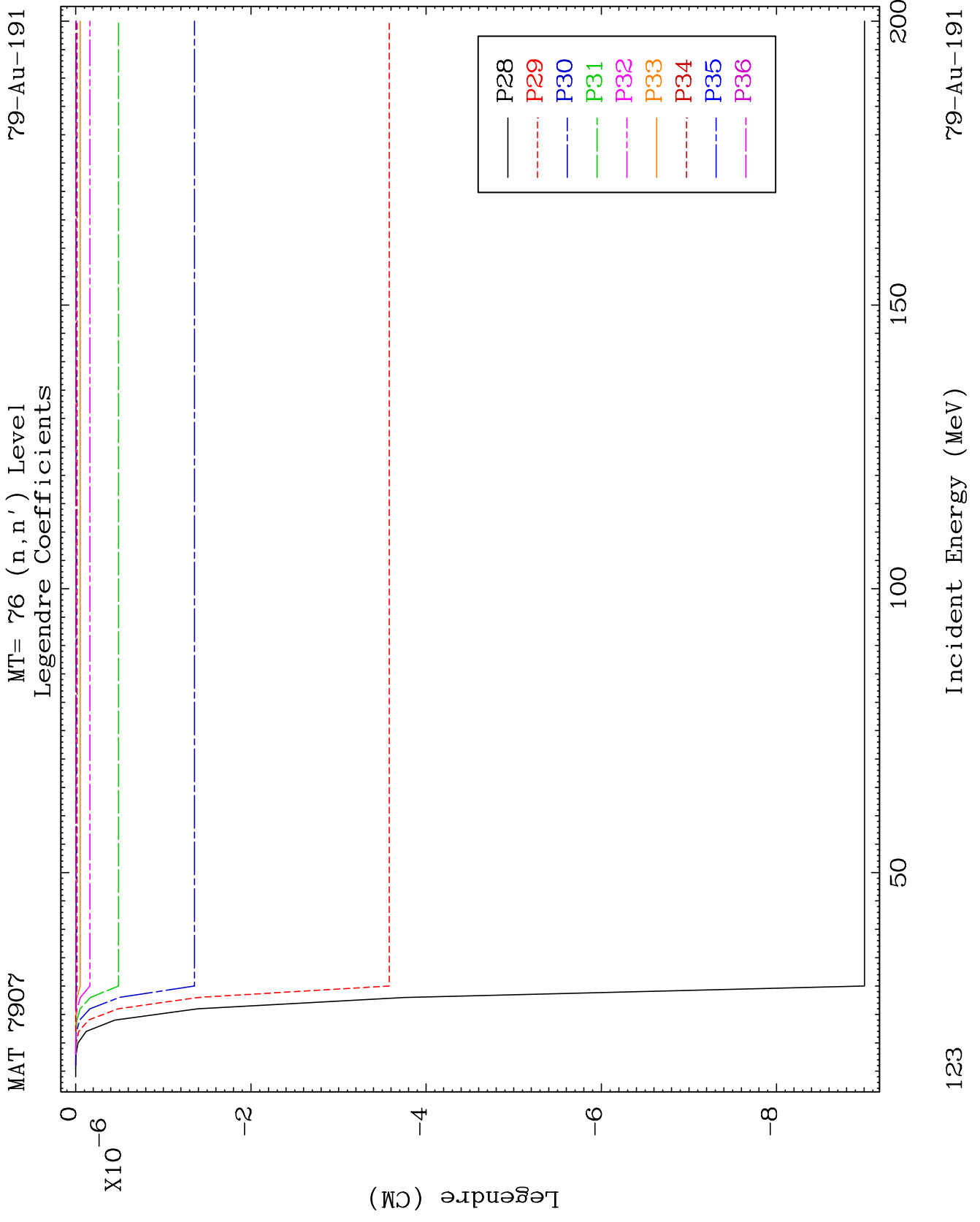
MT= 76 (n,n') Level
Legendre Coefficients

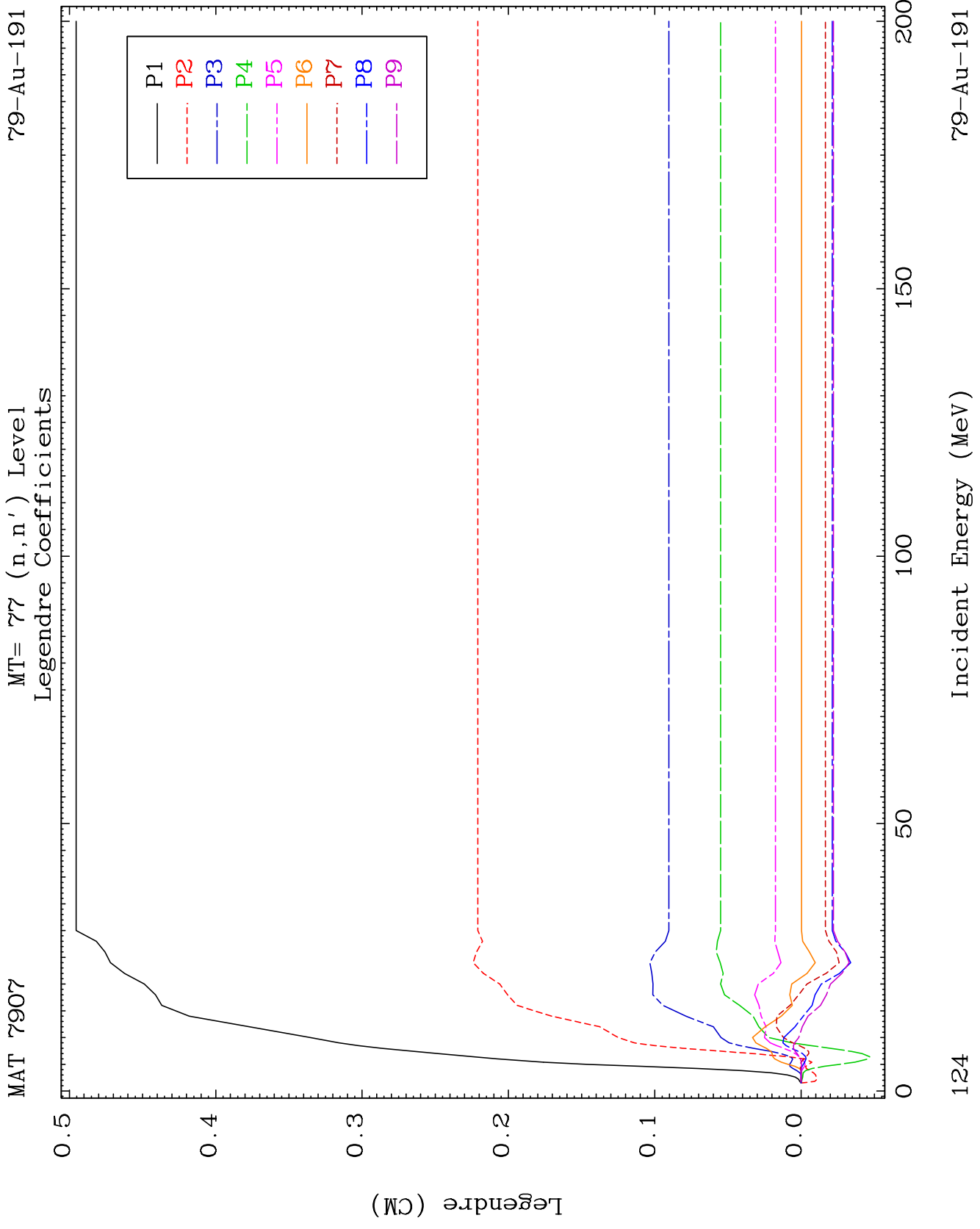
79-Au-191



122

79-Au-191

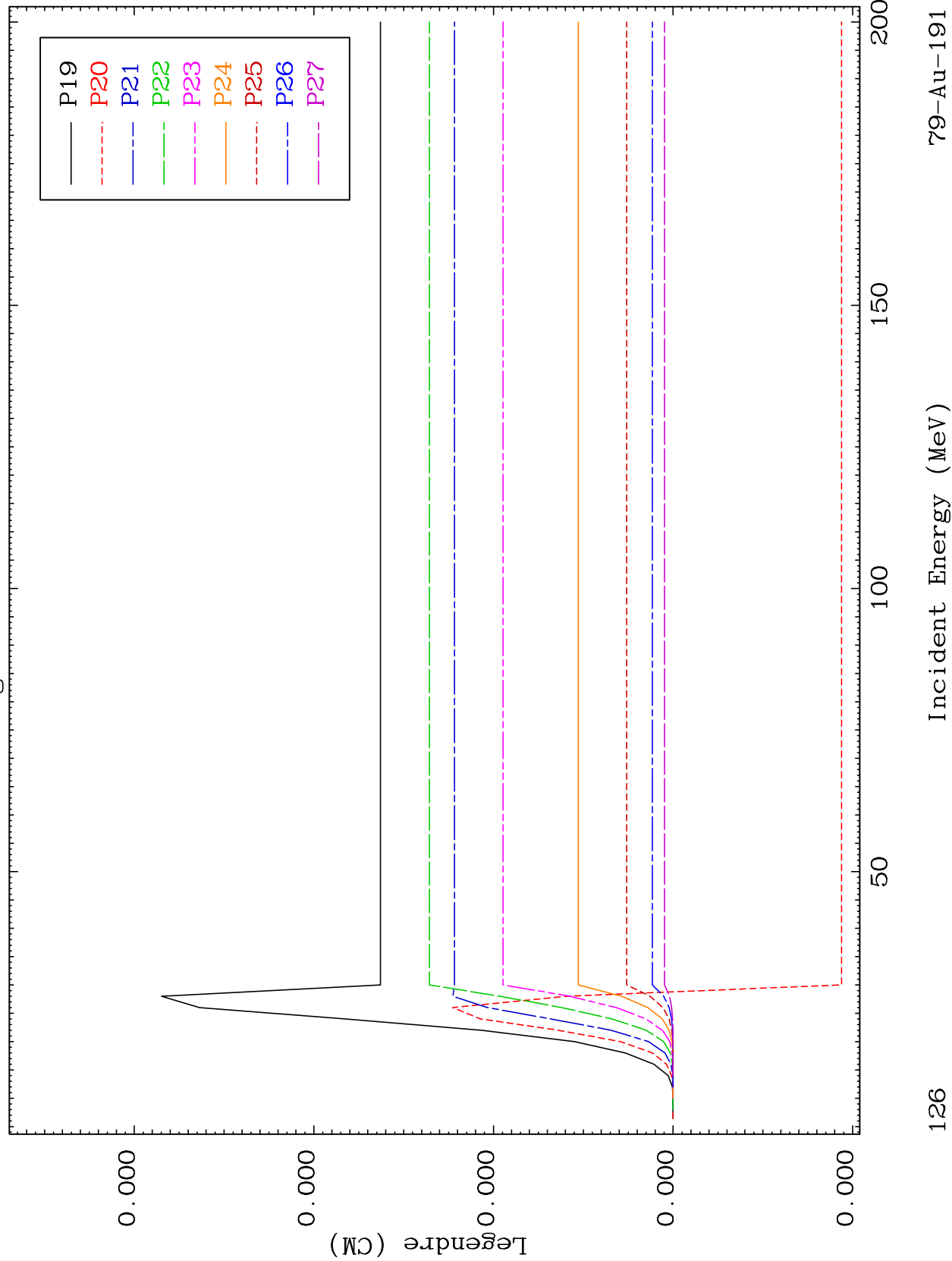




MAT 7907

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

79-Au-191



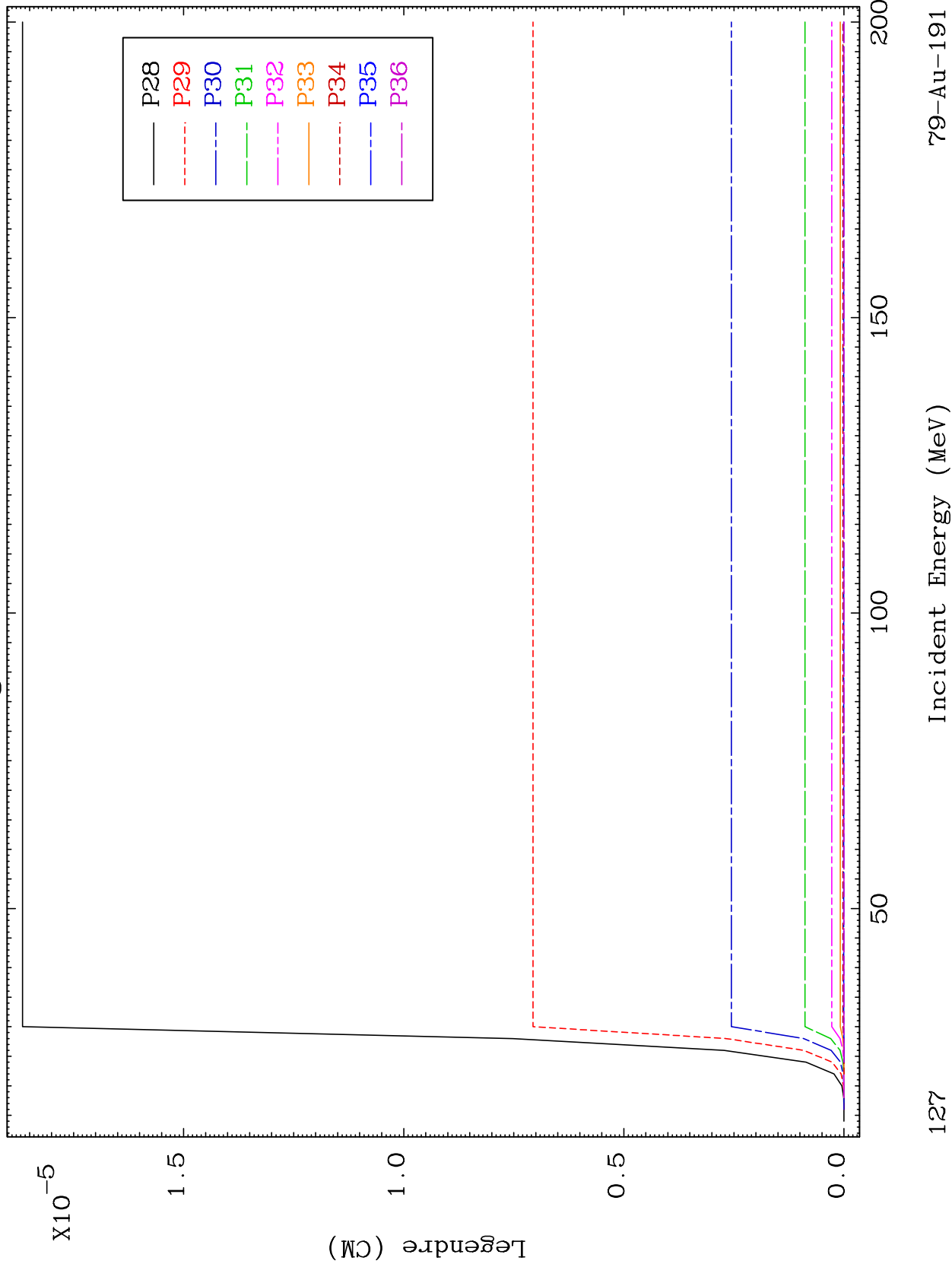
126

79-Au-191

MAT 7907

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

79-Au-191



127

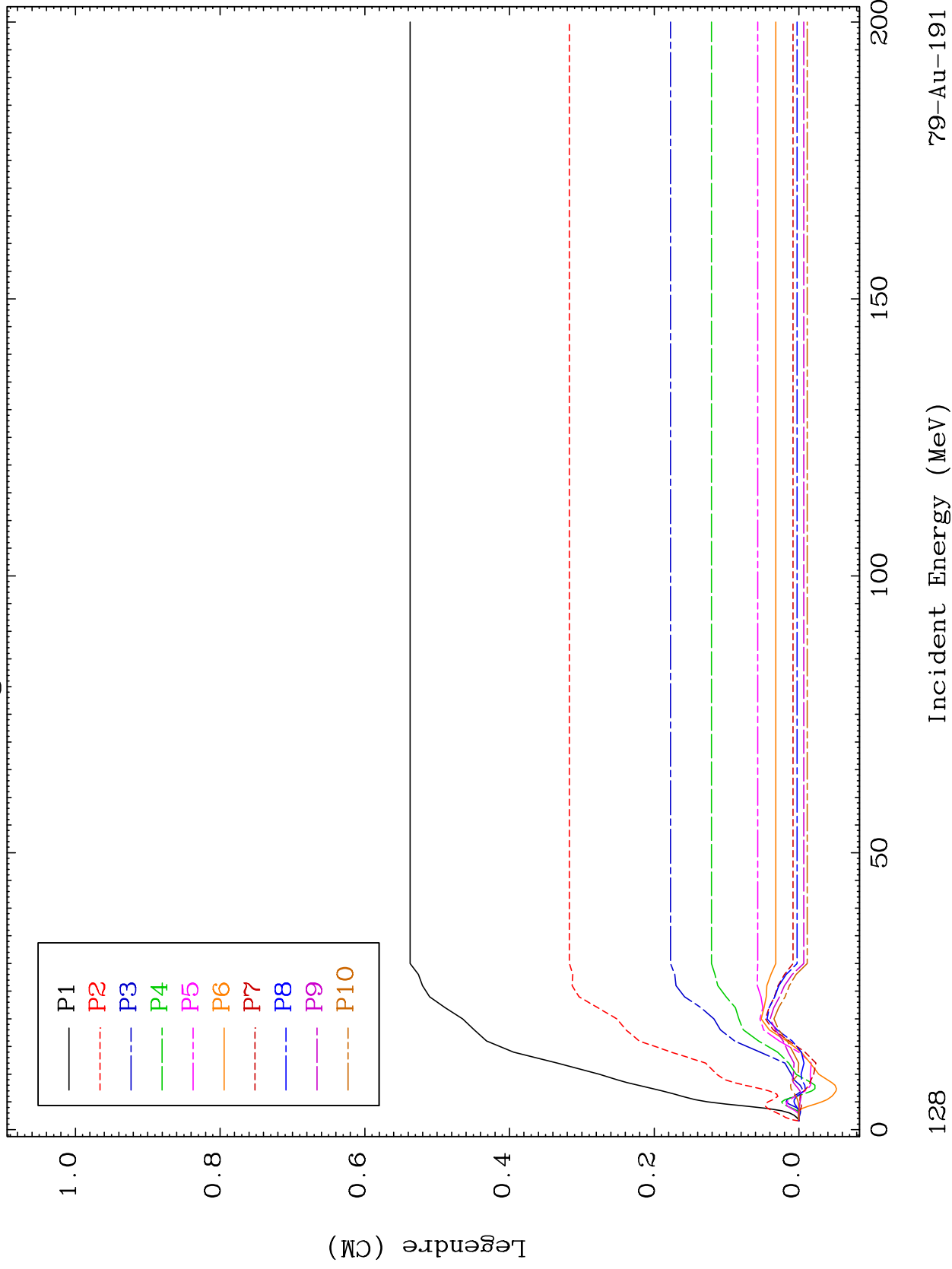
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191

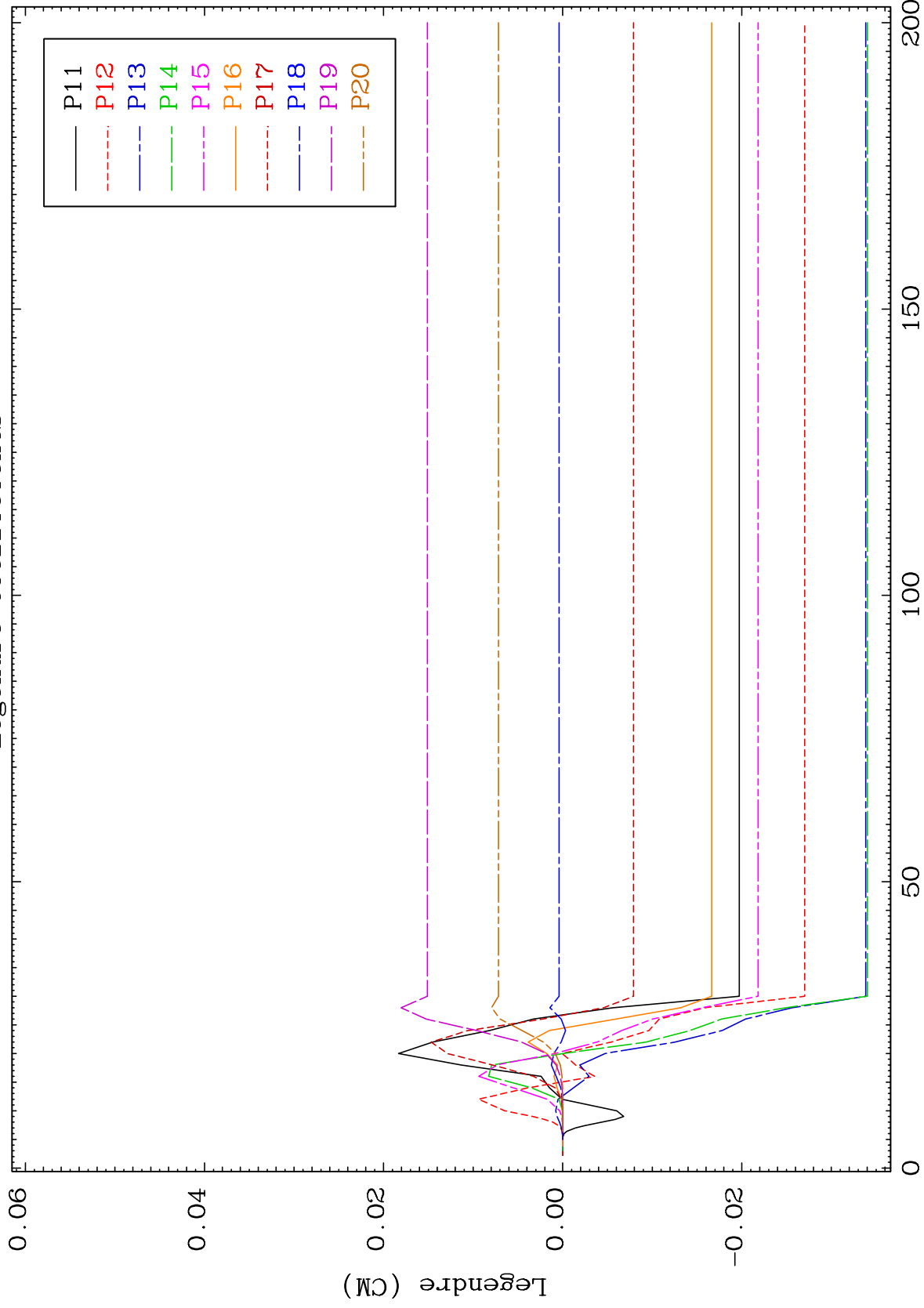


128

MAT 7907

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

79-Au-191



129

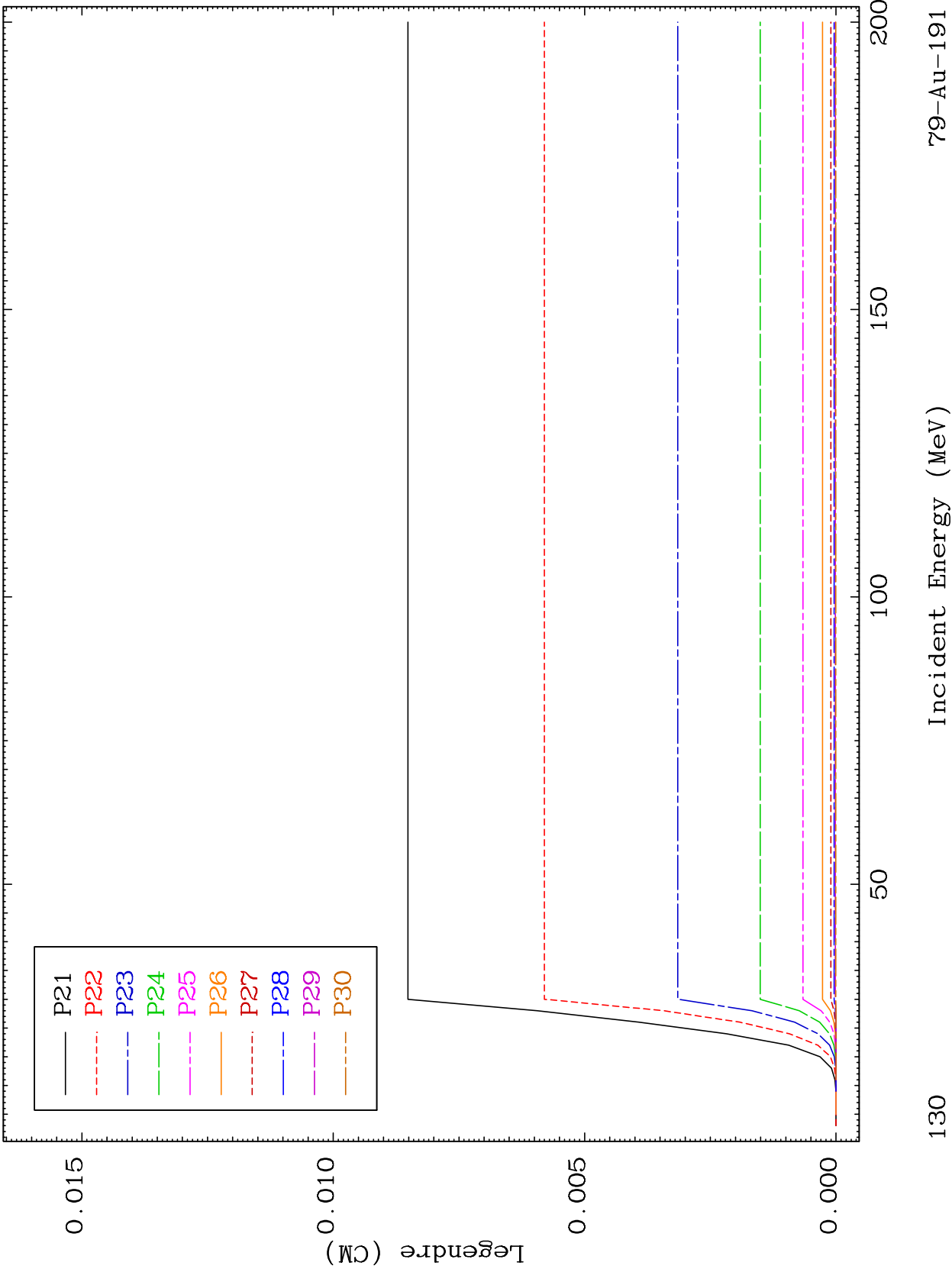
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



130

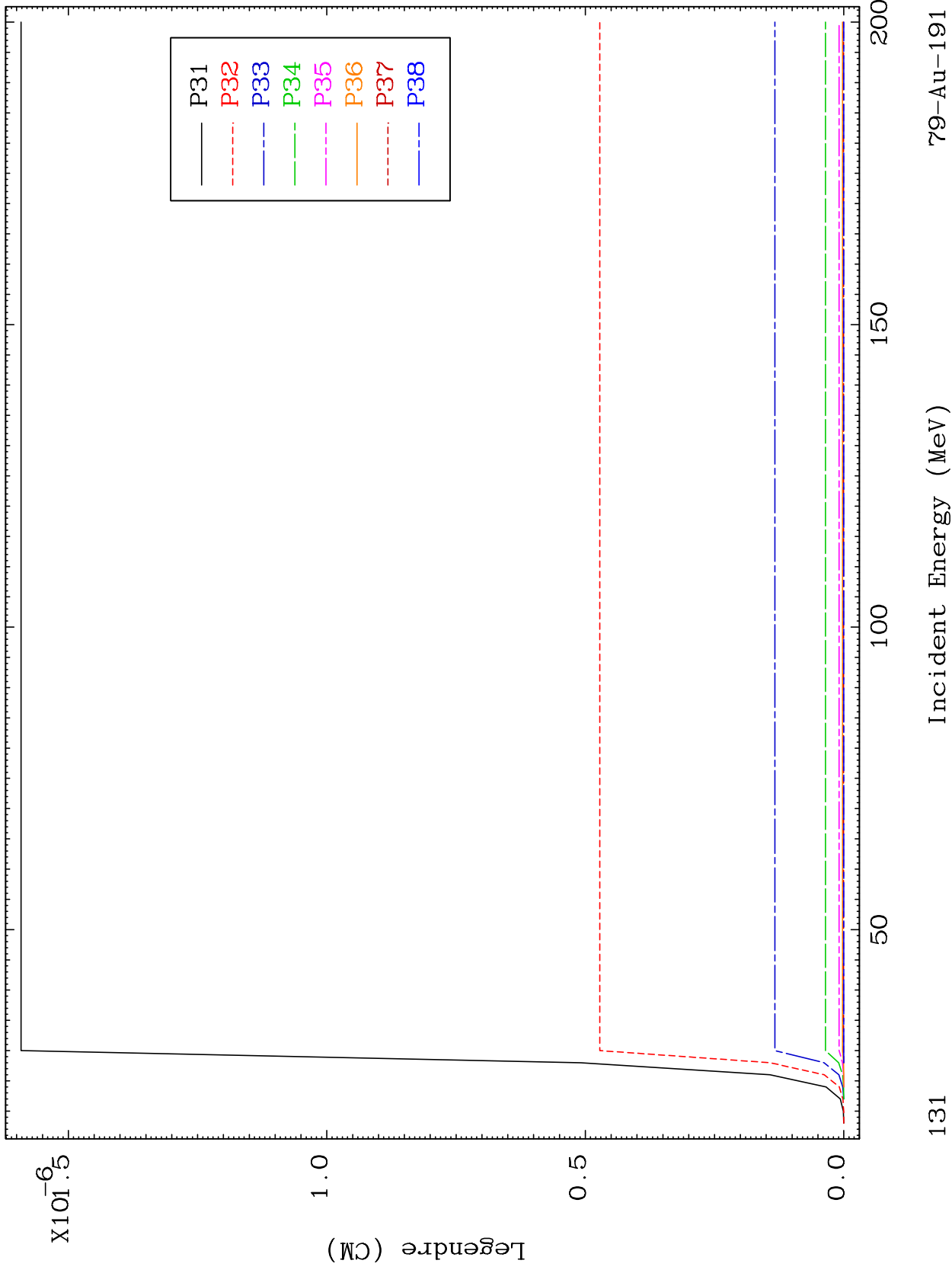
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



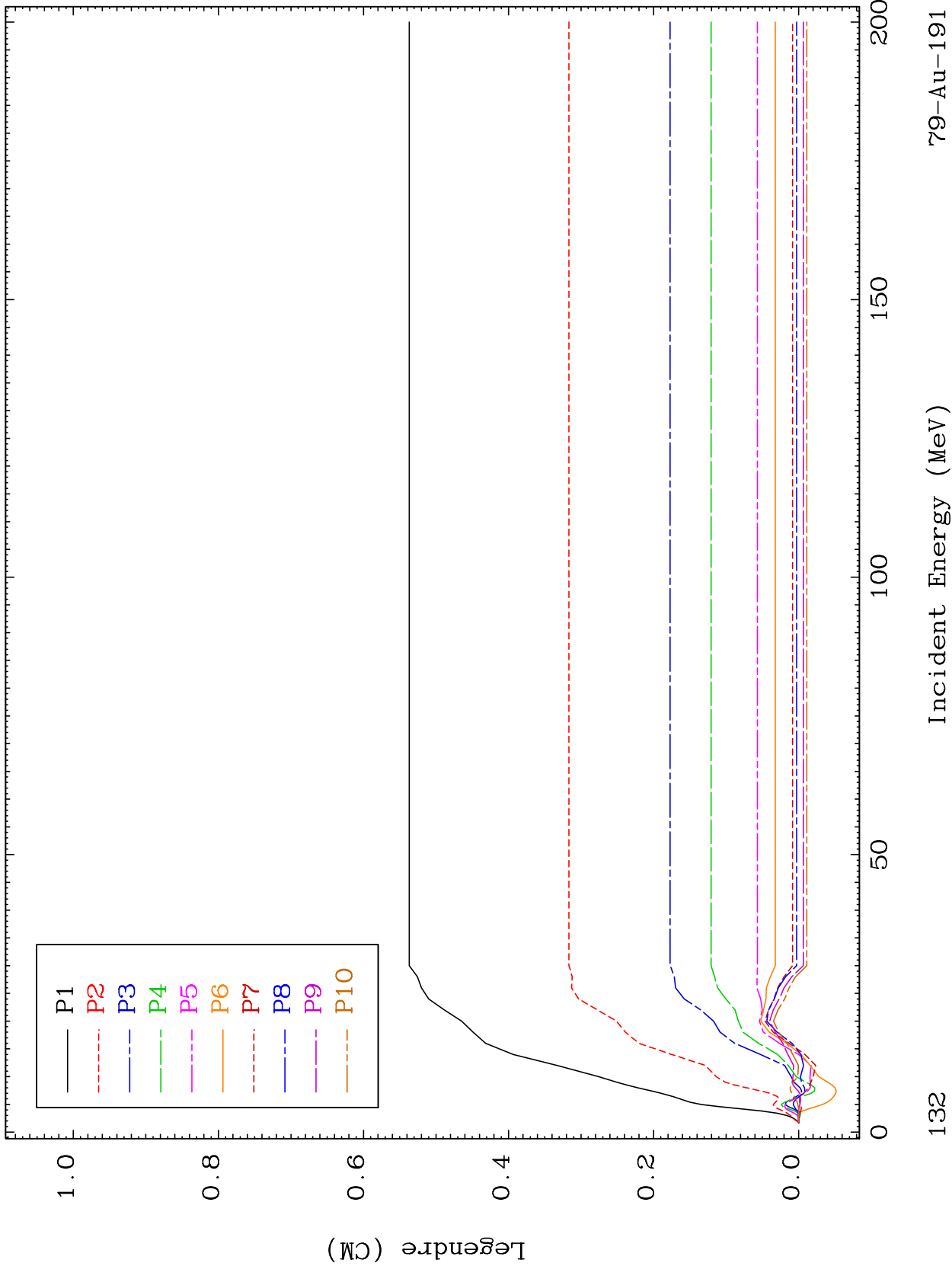
131

79-Au-191

MAT 7907

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

79-Au-191

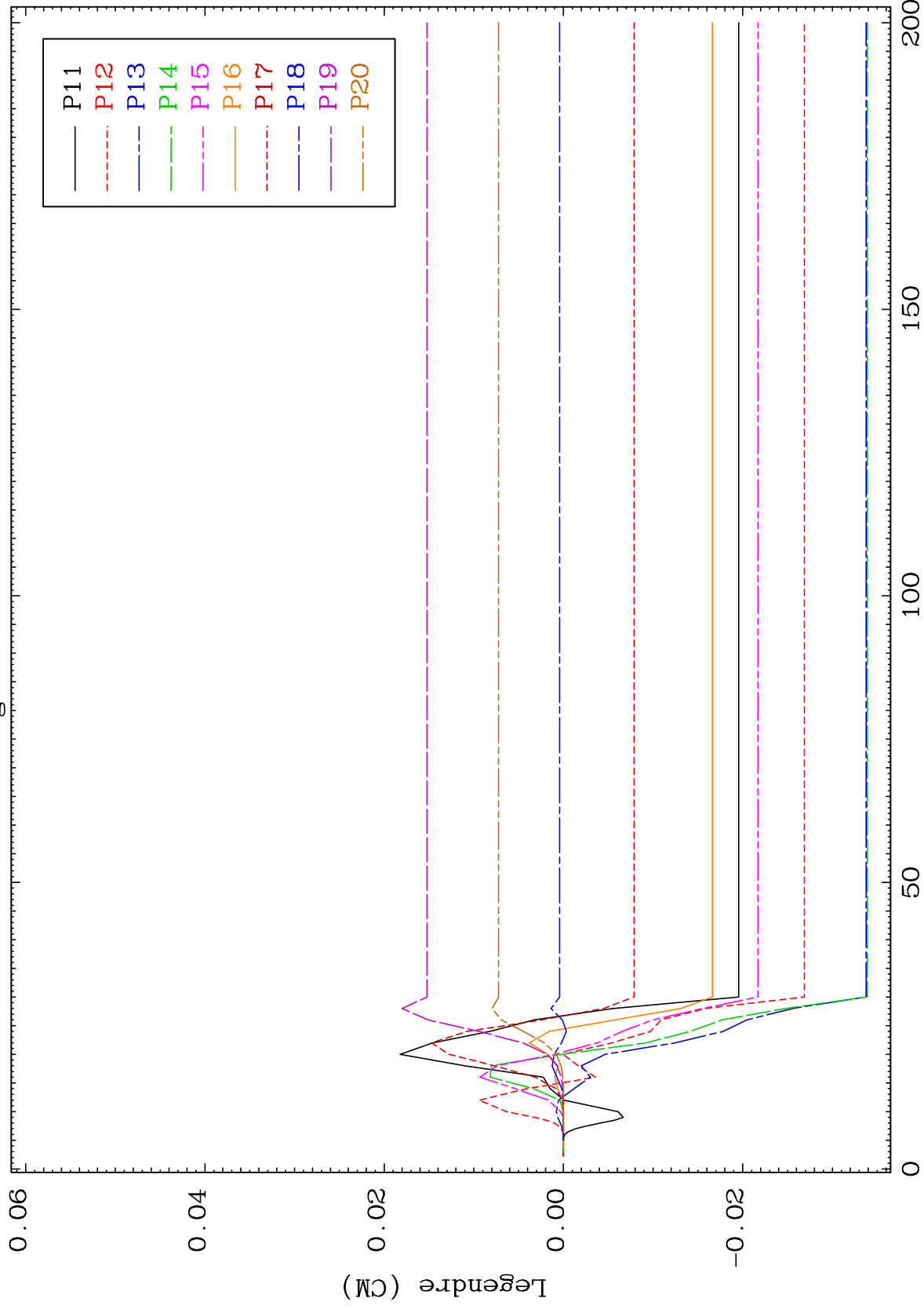


132

MAT 7907

79-Au-191

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



133

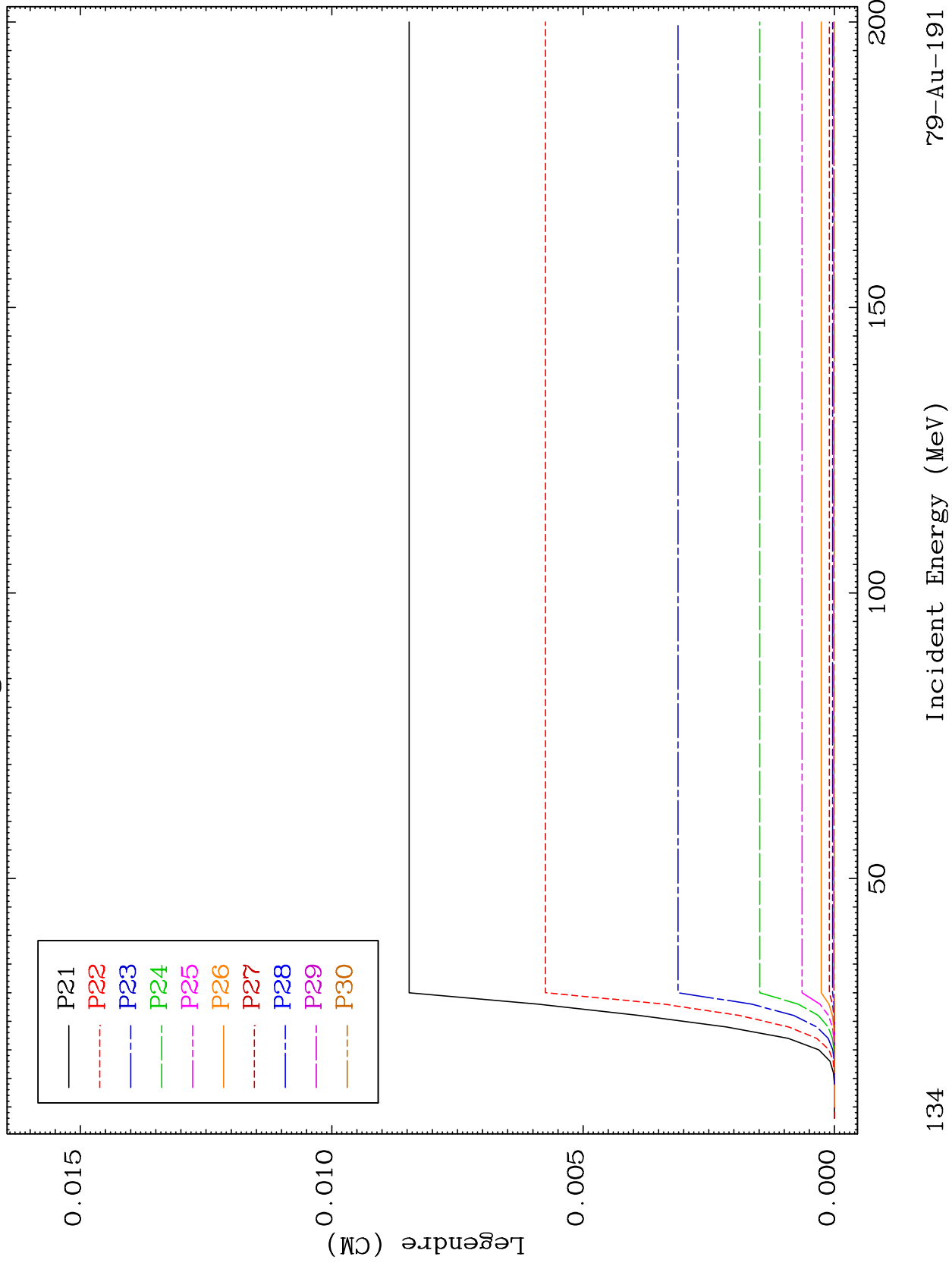
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



134

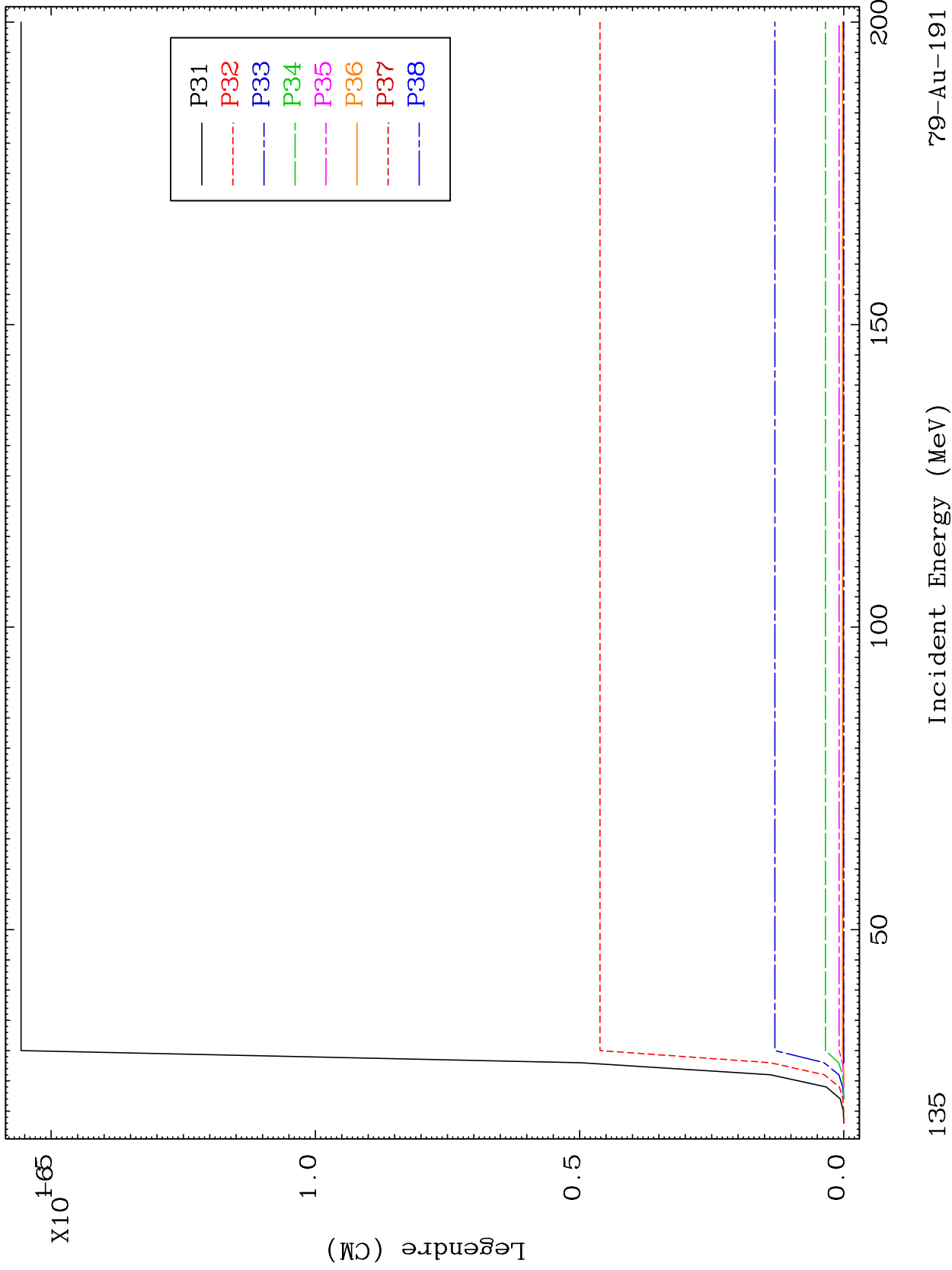
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



135

Incident Energy (MeV)

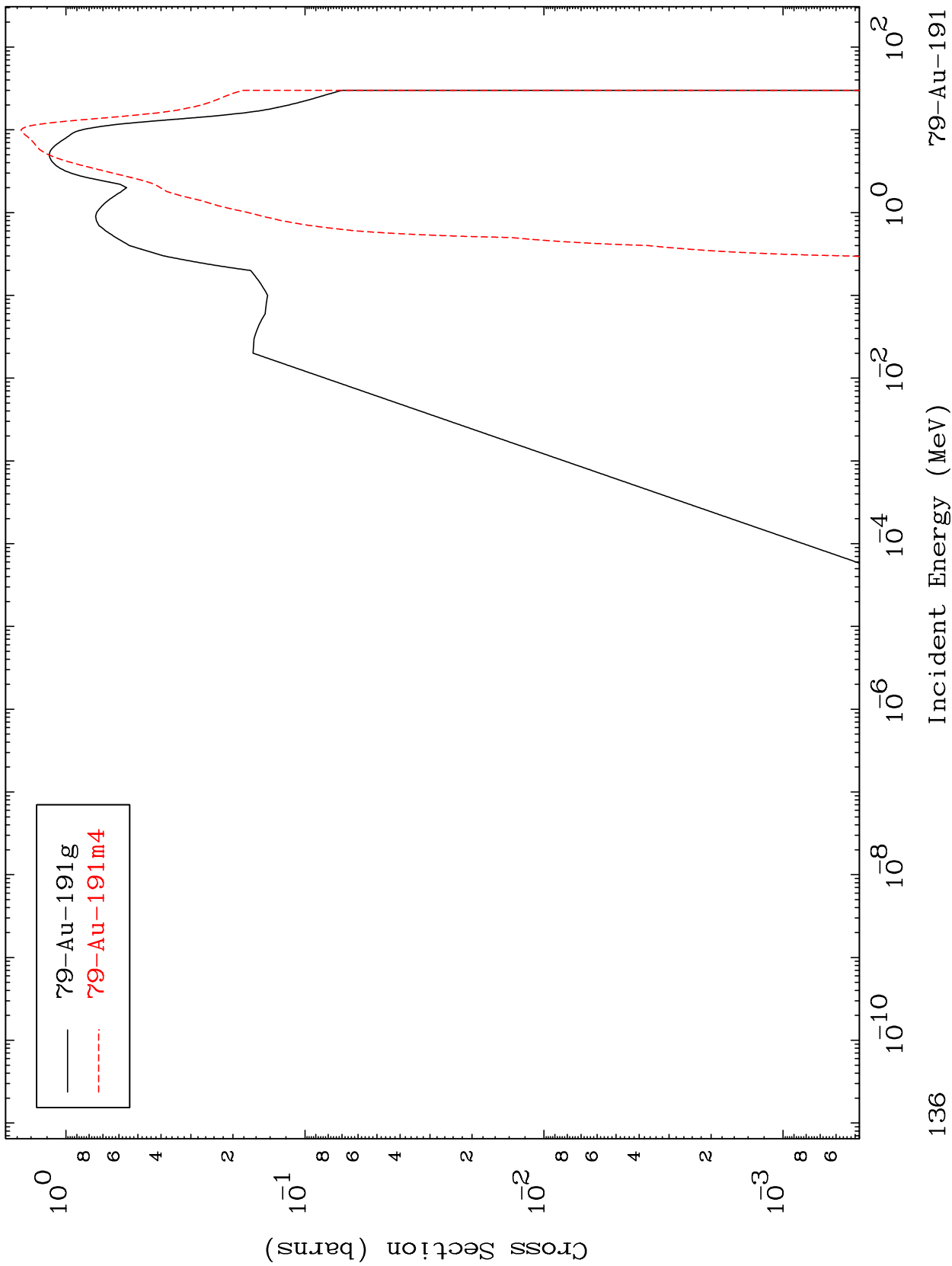
79-Au-191

MAT 7907

Inelastic

79-Au-191

Radionuclide Production Cross Section



136

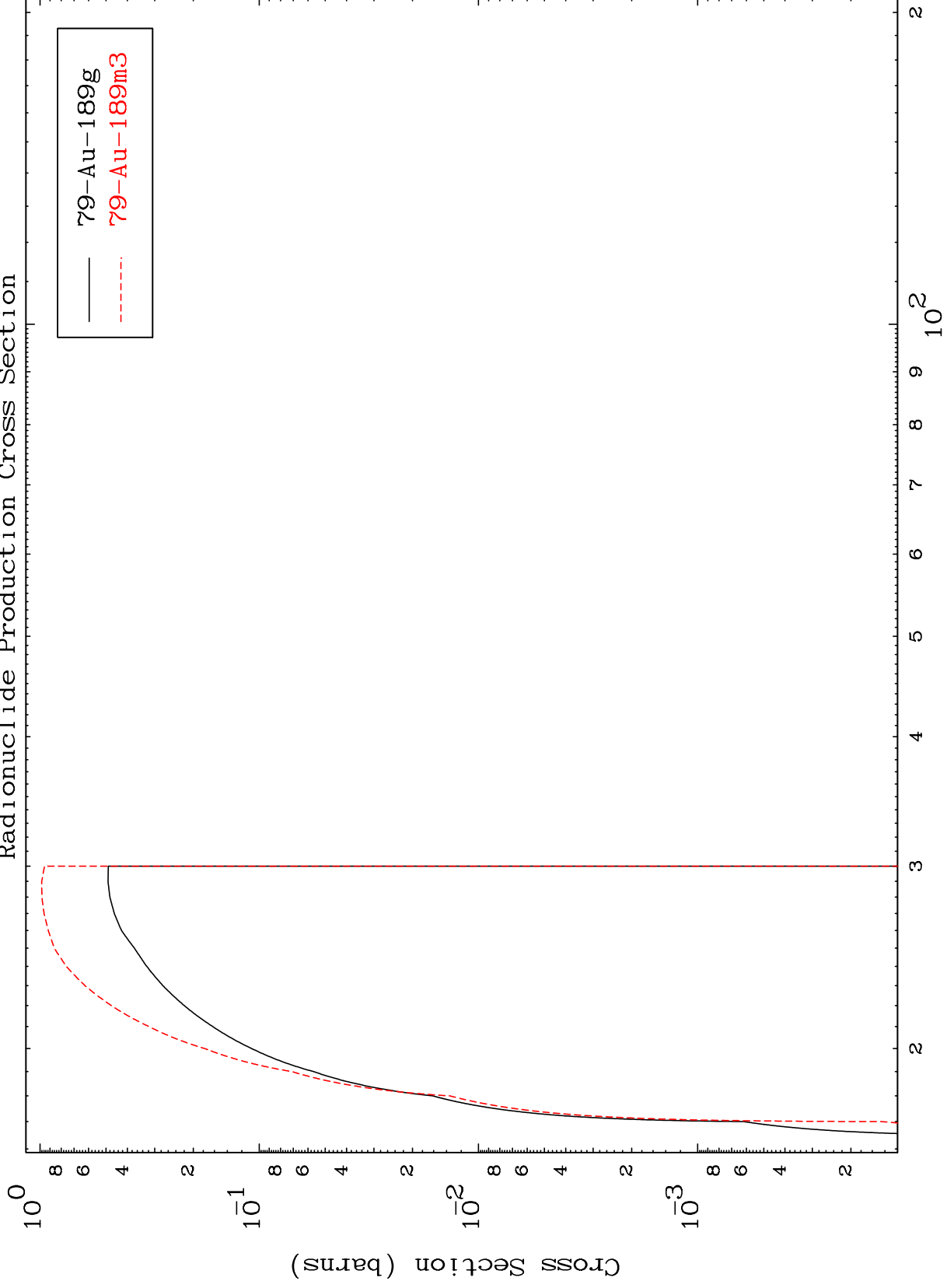
79-Au-191

MAT 7907

(n,3n)

79-Au-191

Radionuclide Production Cross Section



79-Au-189g
79-Au-189m3

137

Incident Energy (MeV)

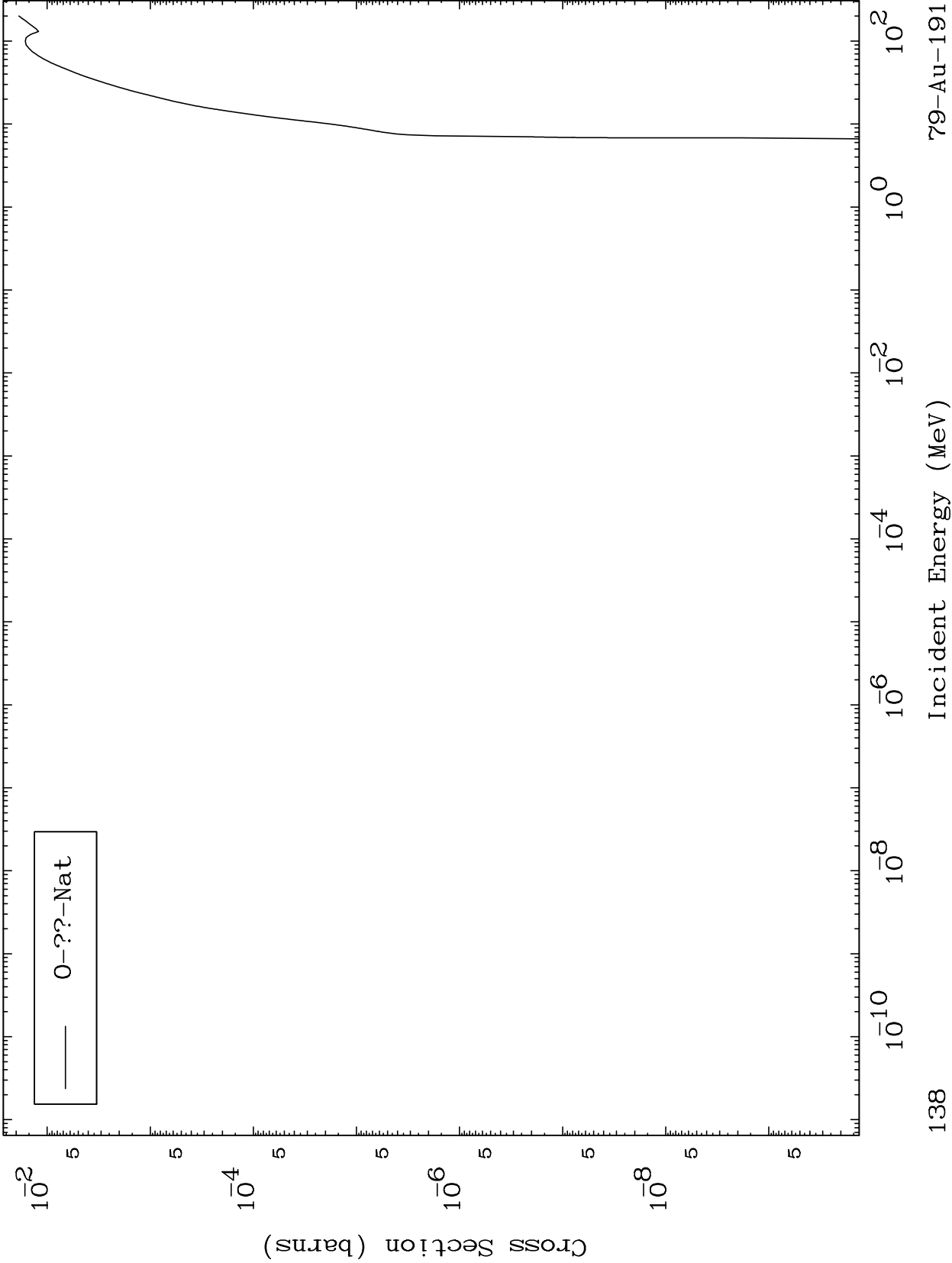
79-Au-191

MAT 7907

Fission

⁷⁹Au-191

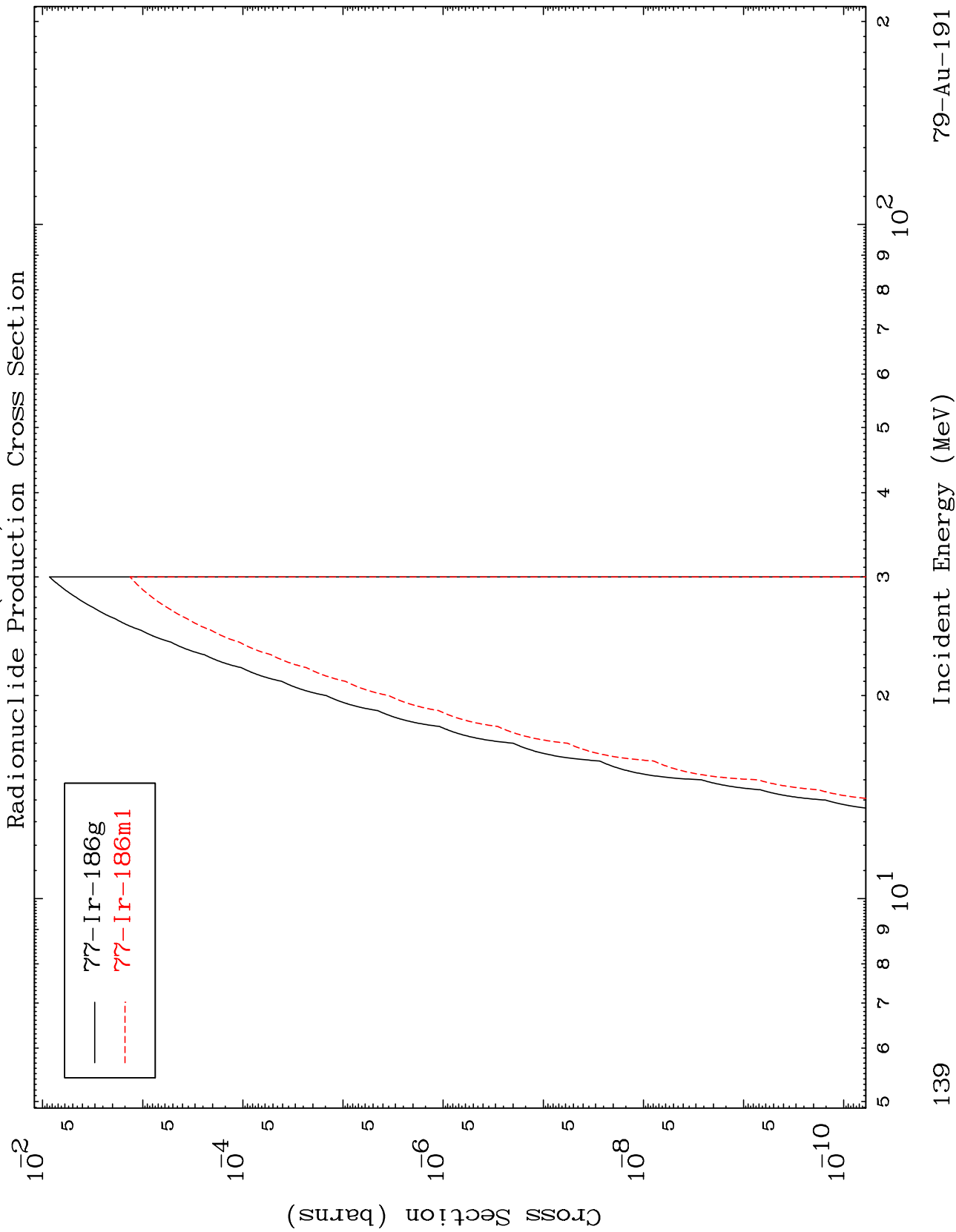
Radionuclide Production Cross Section



MAT 7907

$(n, 2n) \alpha$

$^{79}\text{Au-191}$



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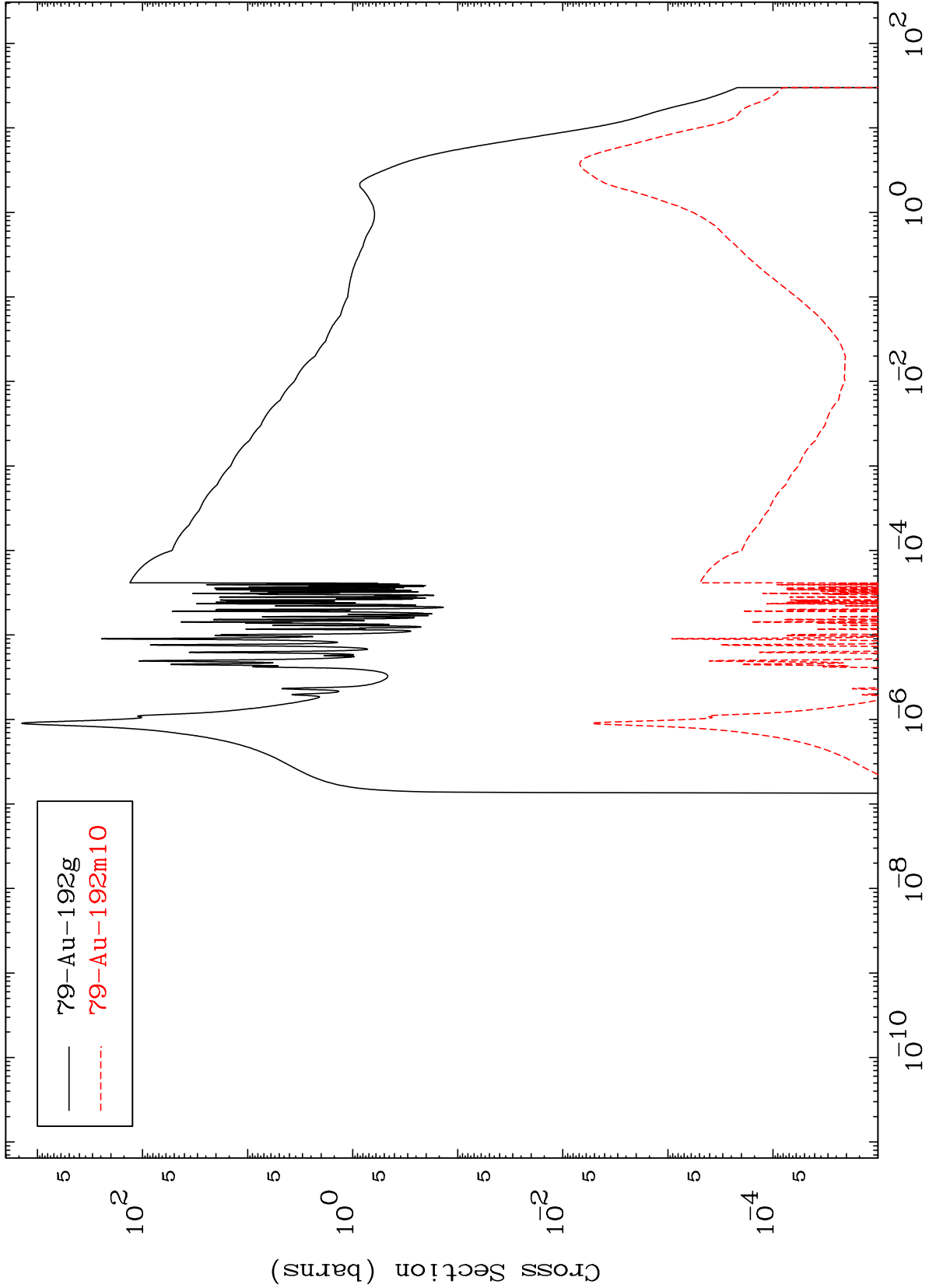
Incident Energy (MeV)

$^{79}\text{Au-191}$

MAT 7907

⁷⁹Au-191

Radionuclide Production Cross Section



⁷⁹Au-191

Incident Energy (MeV)

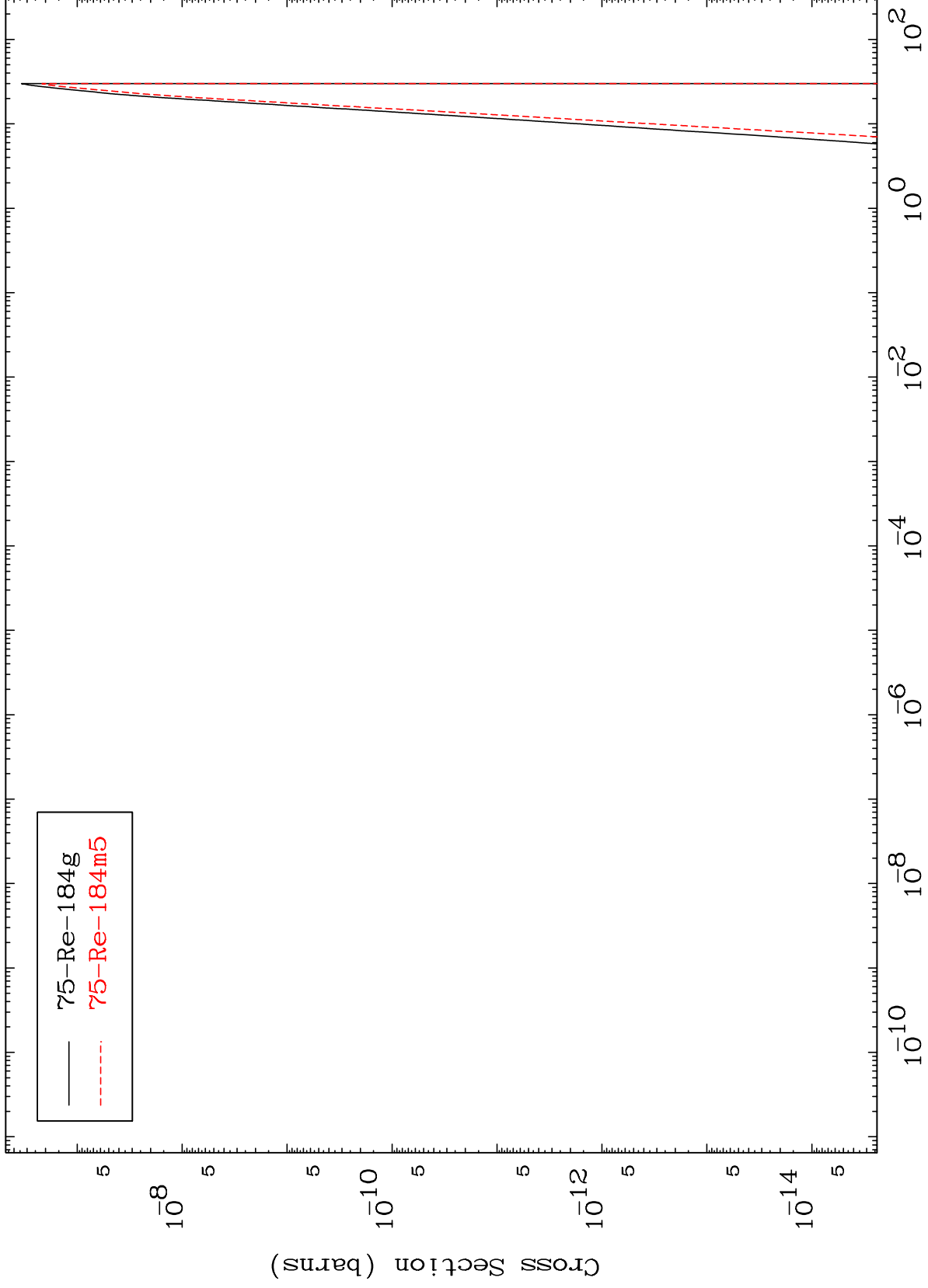
140

MAT 7907

(n,2α)

79-Au-191

Radionuclide Production Cross Section



— 75-Re-184g
- - - 75-Re-184m5

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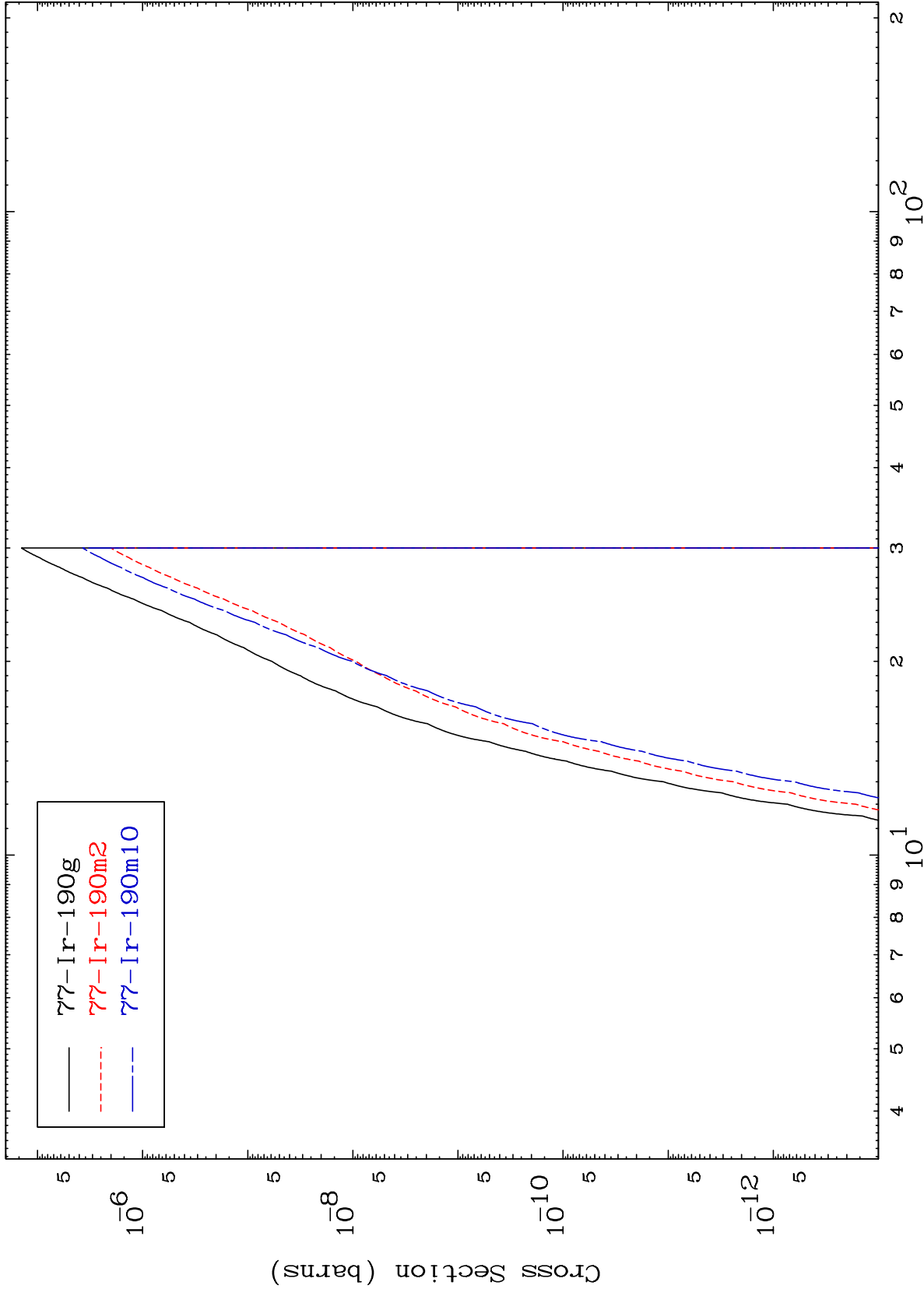
Incident Energy (MeV)

79-Au-191

MAT 7907

79-Au-191

(n,2p)
Radionuclide Production Cross Section



79-Au-191

Incident Energy (MeV)

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