

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

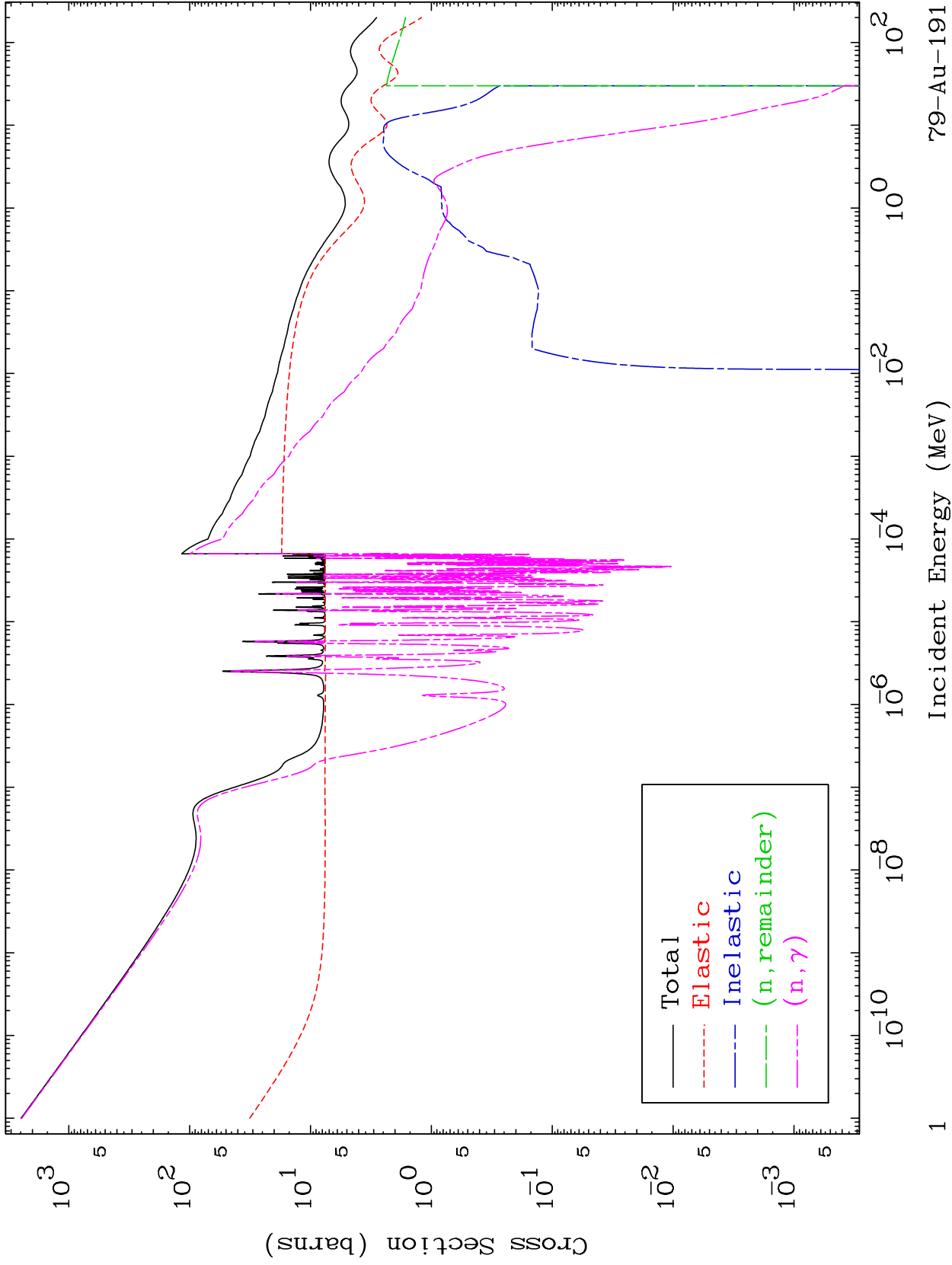
Press Mouse Button to Start

MAT 7907

Major

293 Kelvin Cross Sections

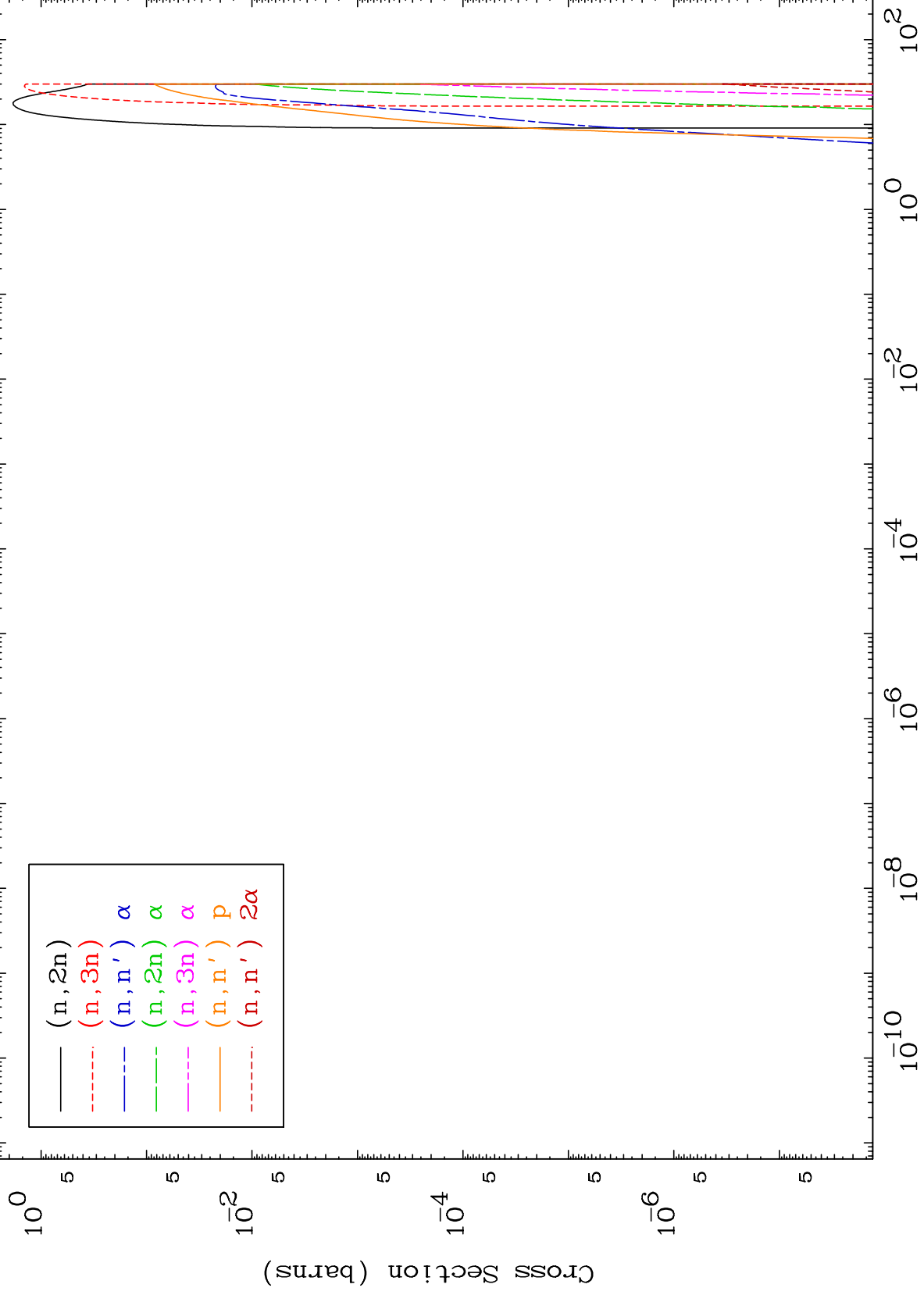
79-Au-191



MAT 7907

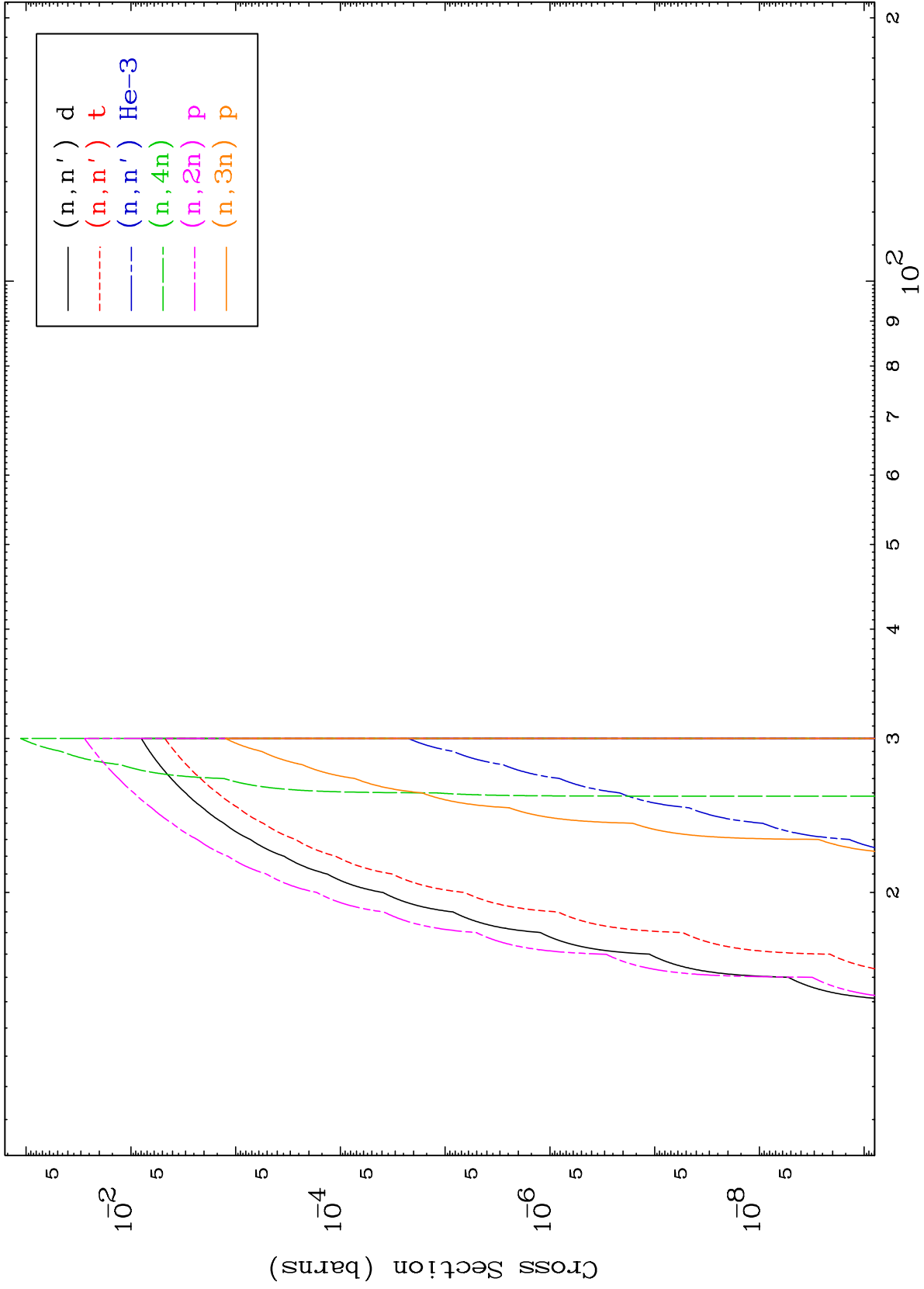
Neutron Production  
293 Kelvin Cross Sections

79-Au-191



79-Au-191

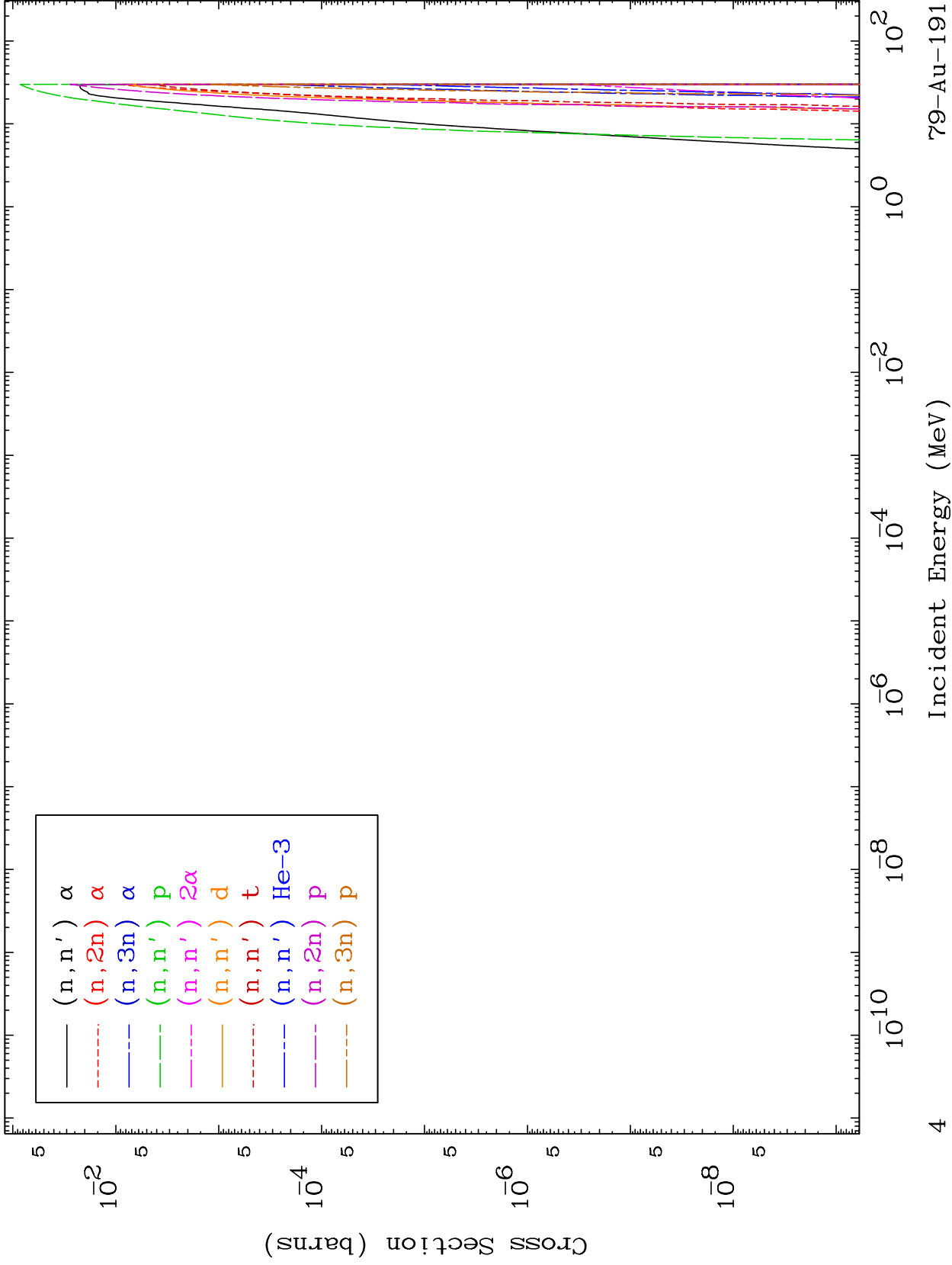
Incident Energy (MeV)

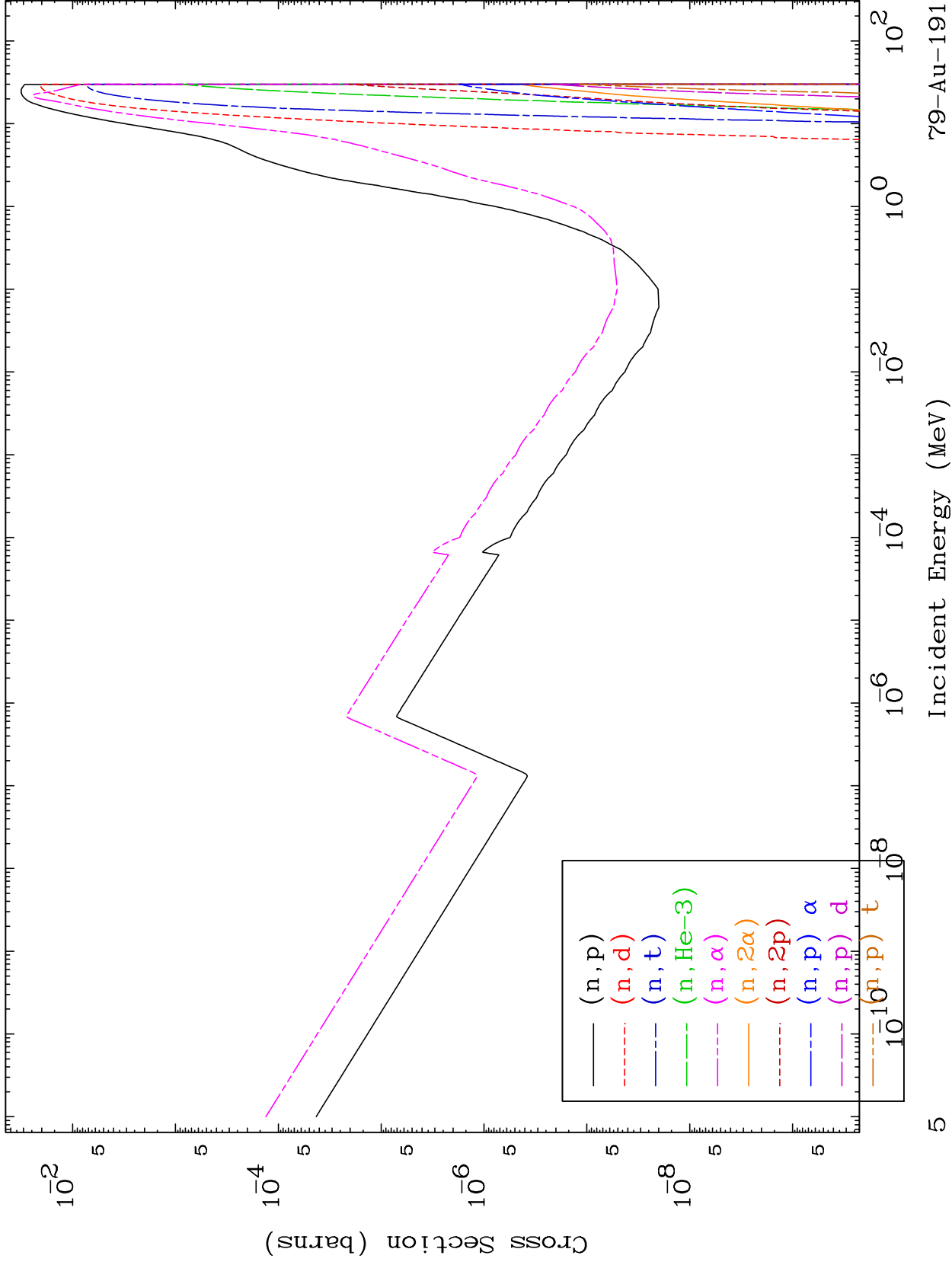


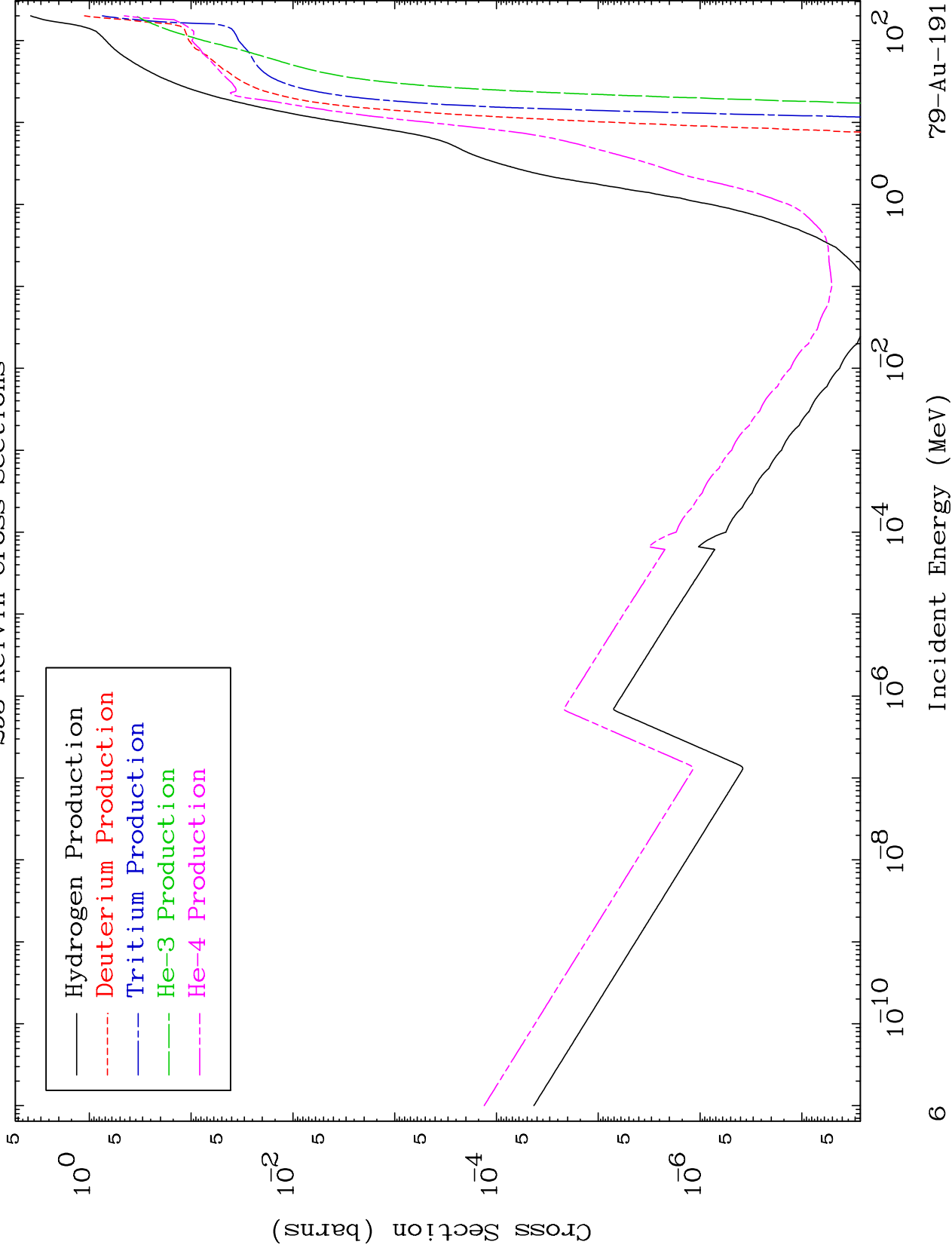
MAT 7907

Charged Particle  
293 Kelvin Cross Sections

79-Au-191



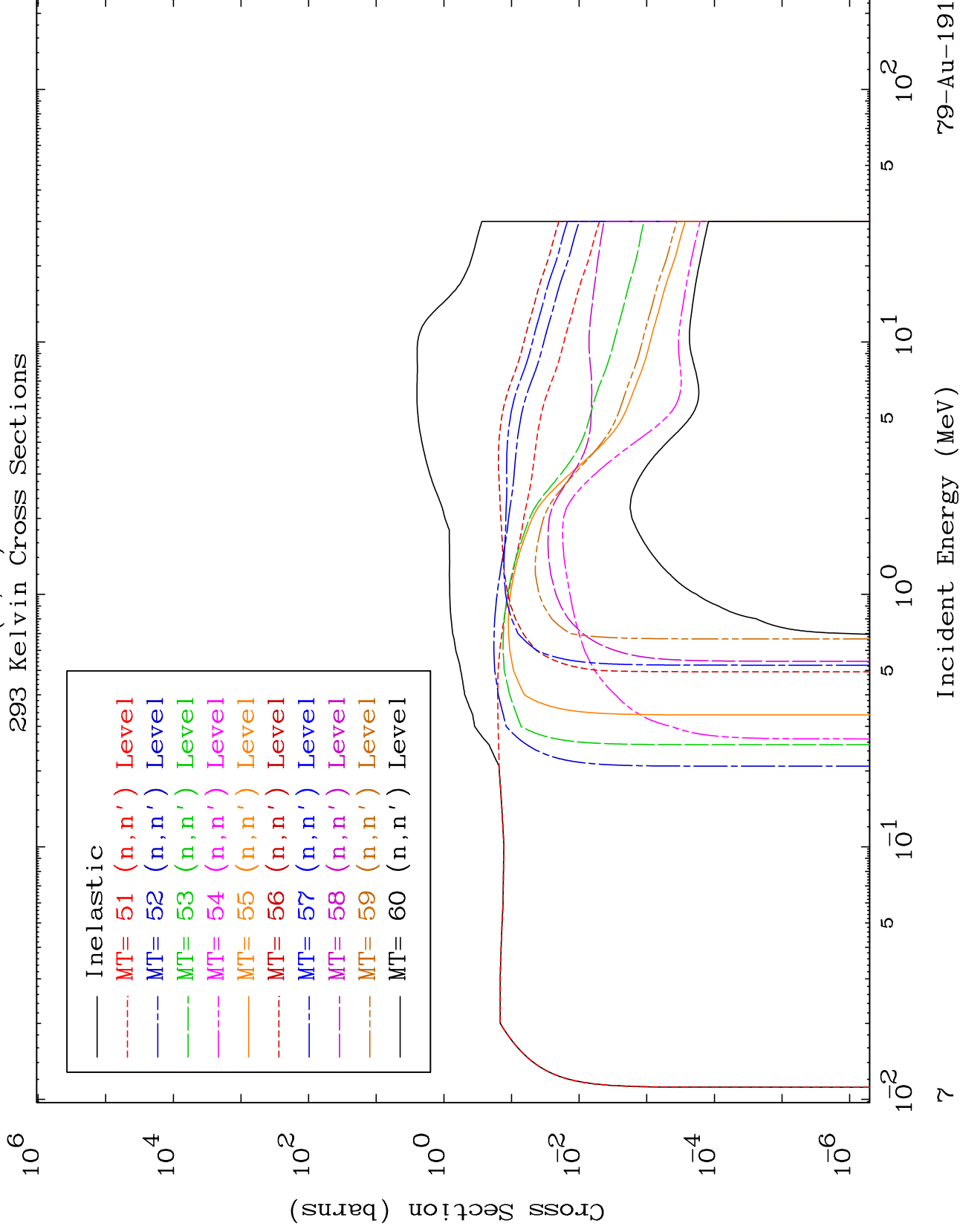




MAT 7907

(n,n') Level  
293 Kelvin Cross Sections

79-Au-191



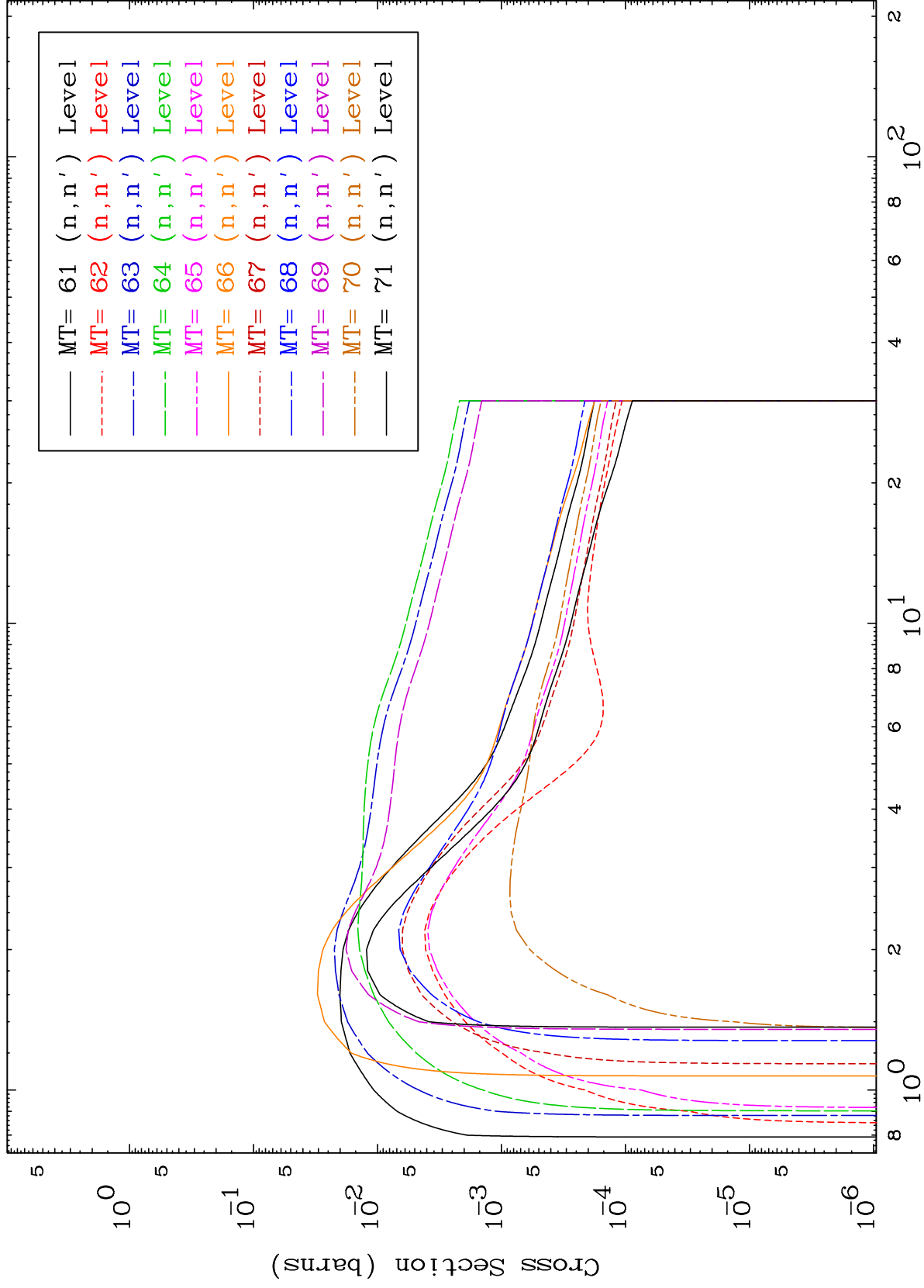


MAT 7907

(n,n') Level

79-Au-191

293 Kelvin Cross Sections

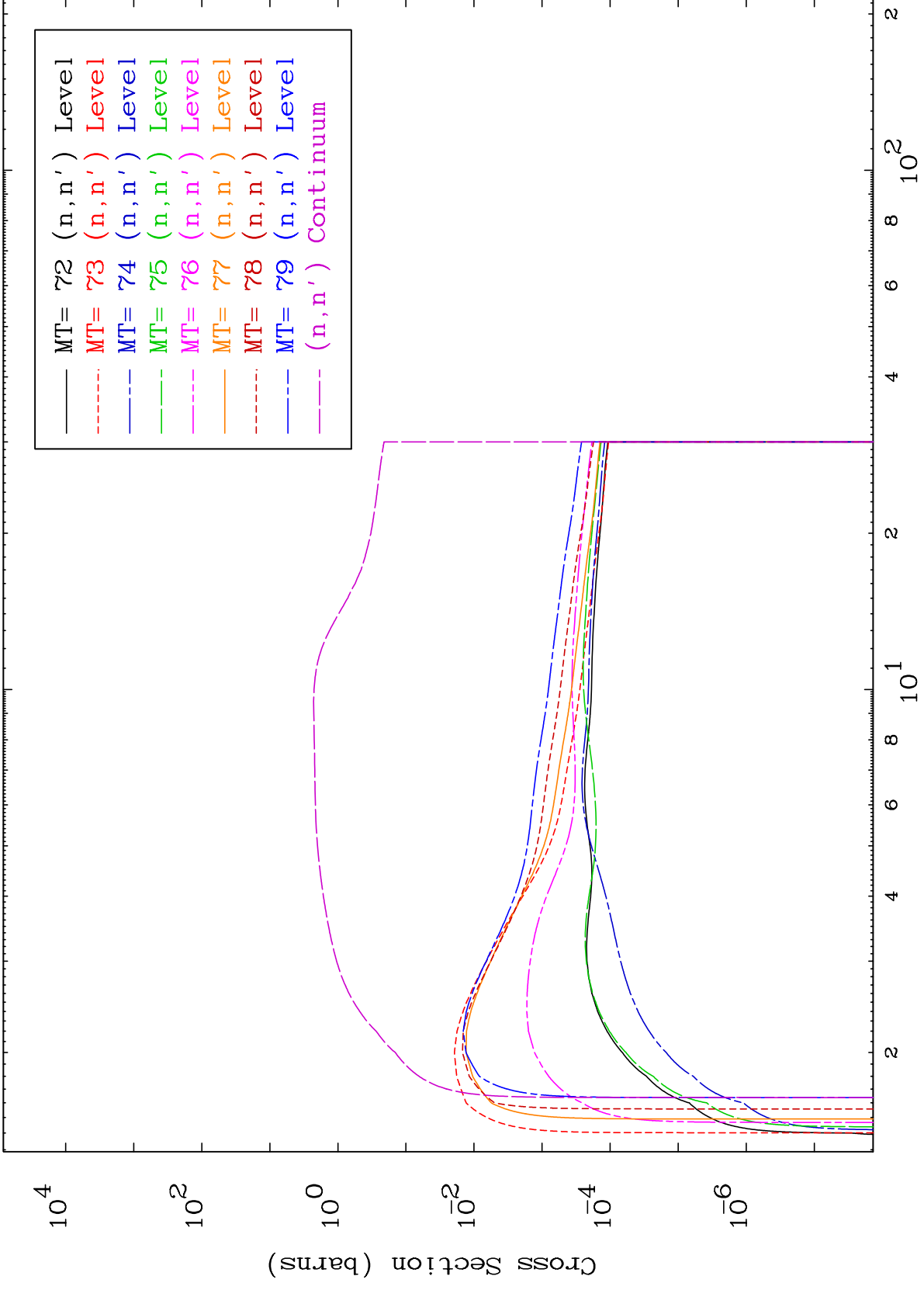


8

Incident Energy (MeV)

79-Au-191

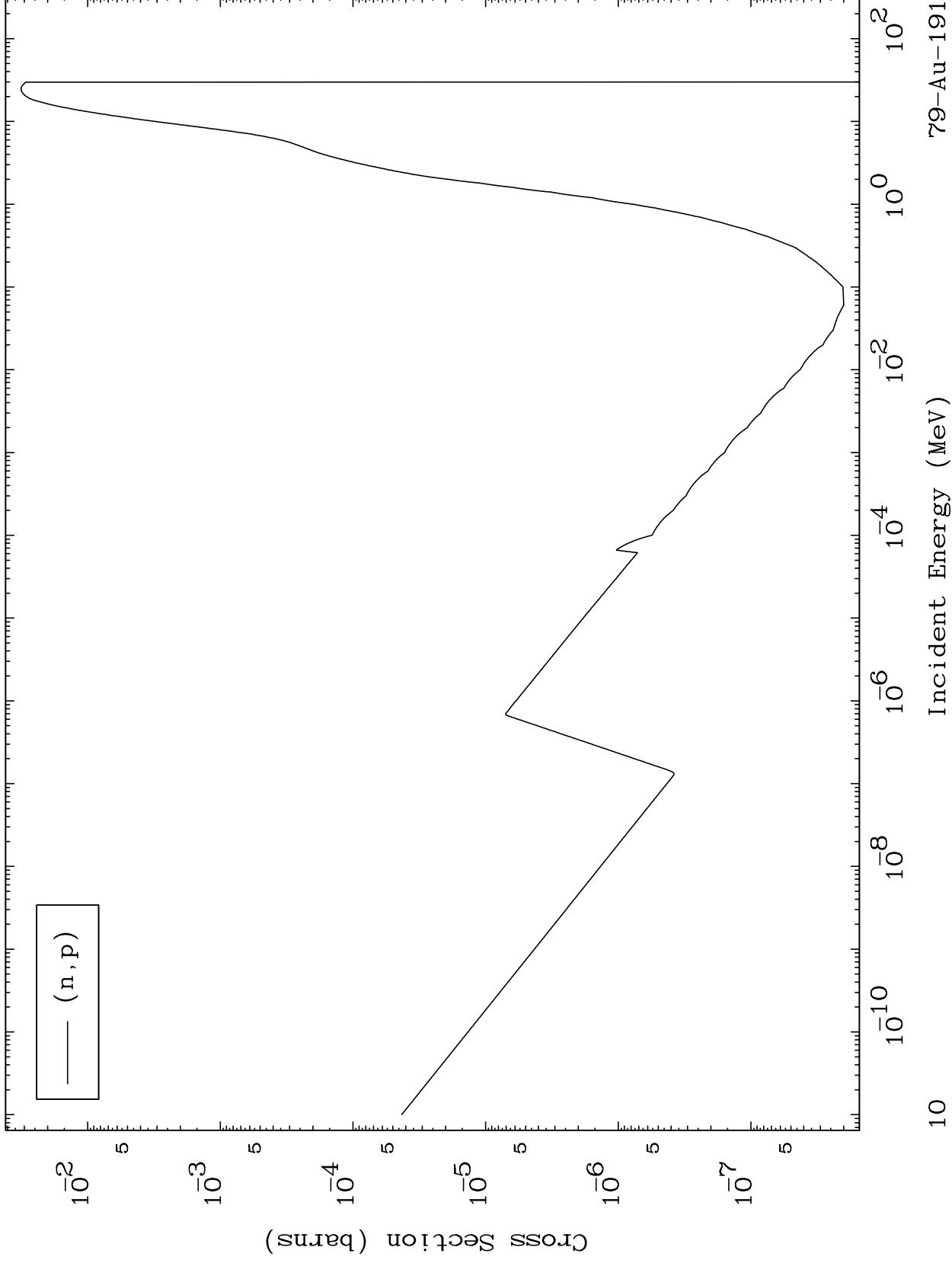
293 Kelvin Cross Sections



MAT 7907

(n,p) Levels  
293 Kelvin Cross Sections

79-Au-191



10

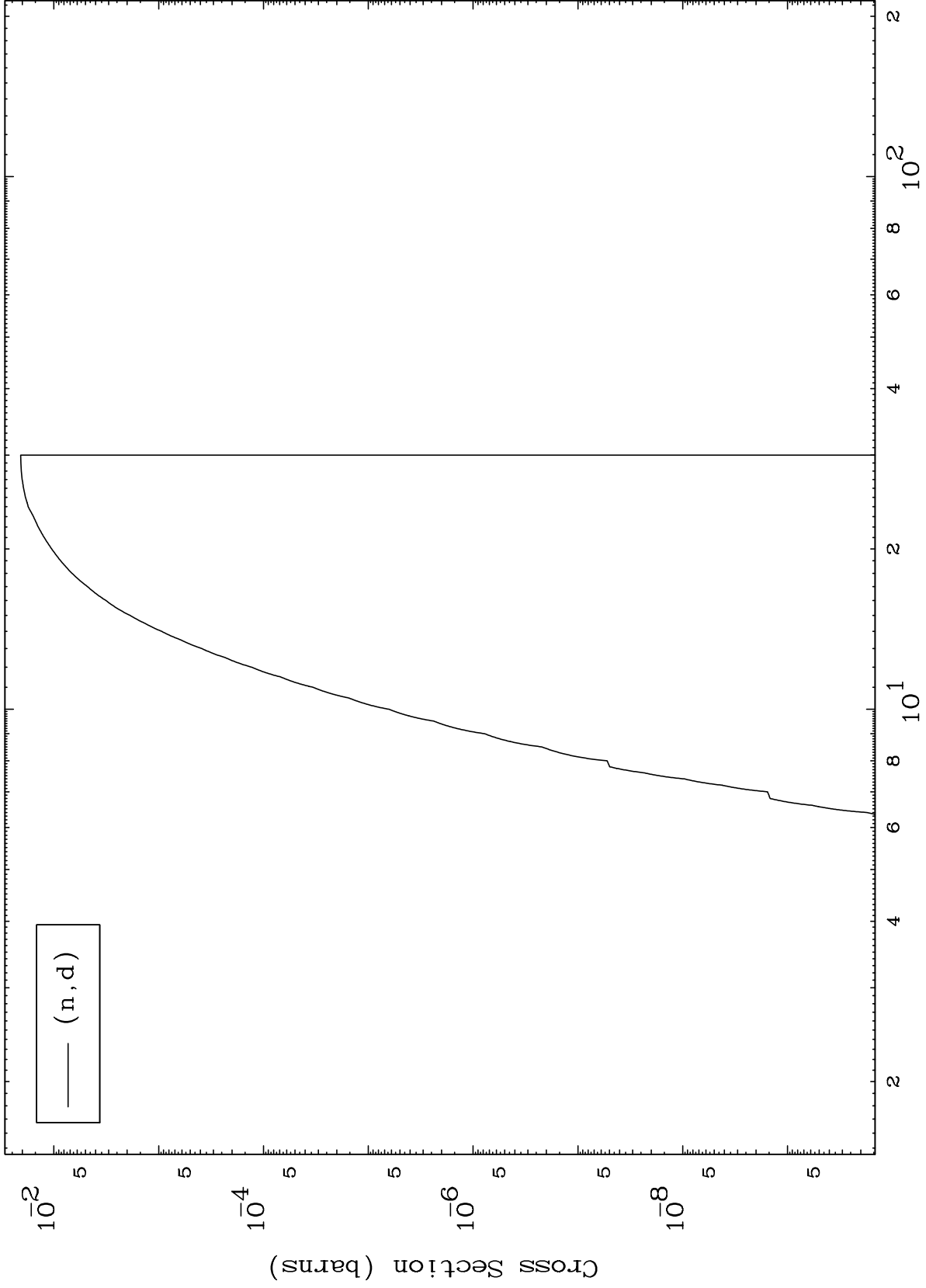
Incident Energy (MeV)

79-Au-191

MAT 7907

(n,d) Levels  
293 Kelvin Cross Sections

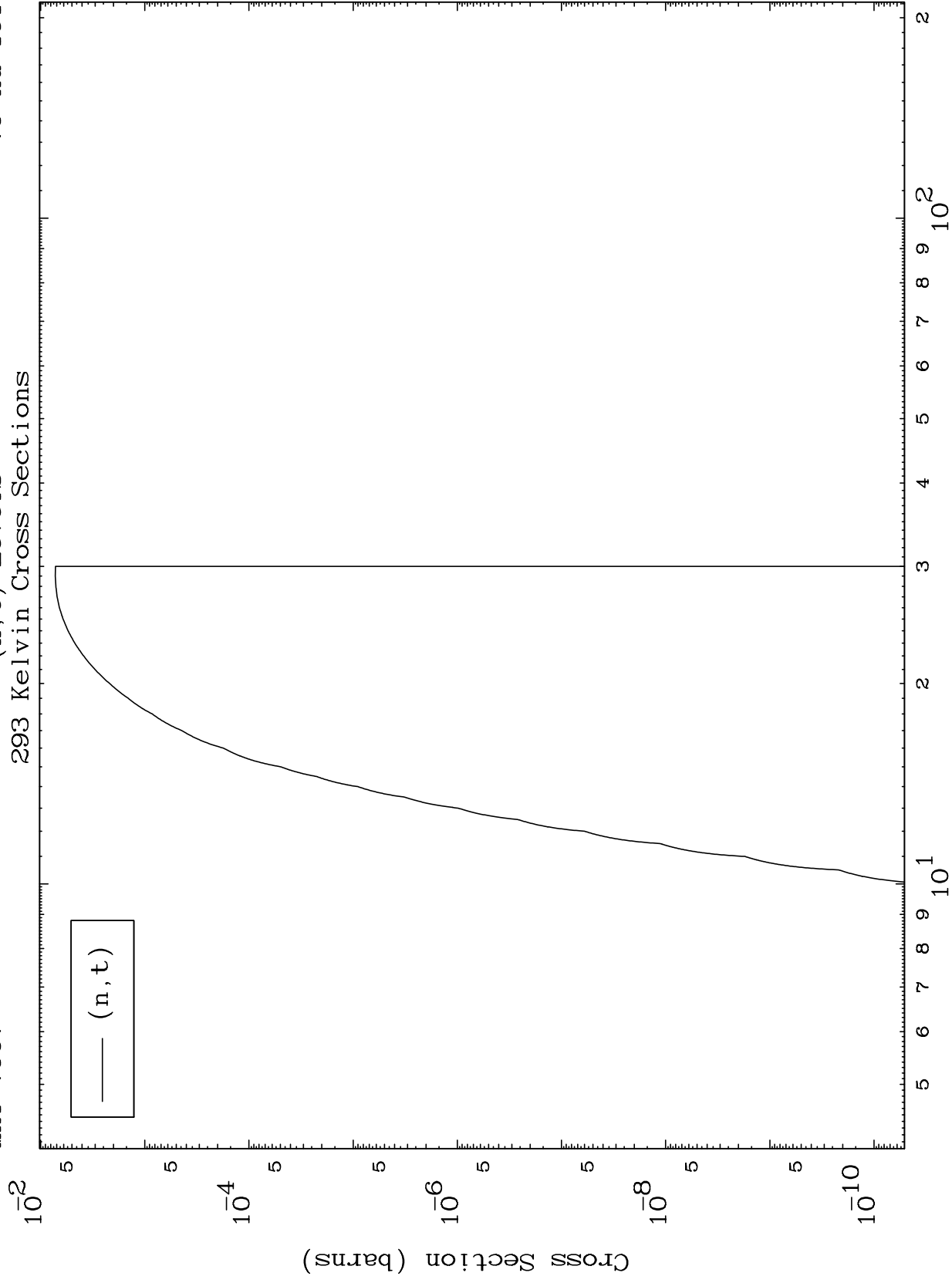
79-Au-191



MAT 7907

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-191



12

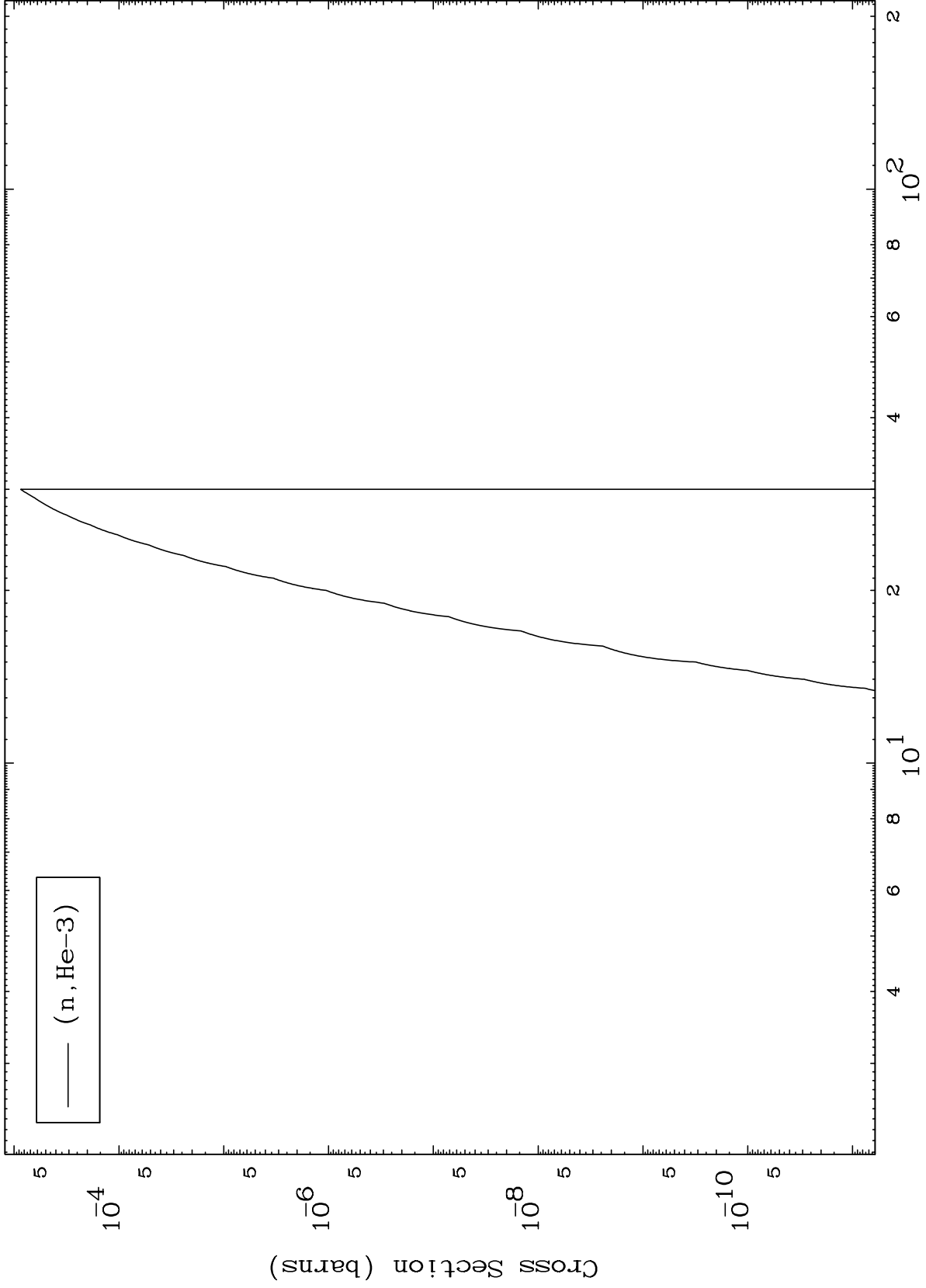
Incident Energy (MeV)

79-Au-191

MAT 7907

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-191



13

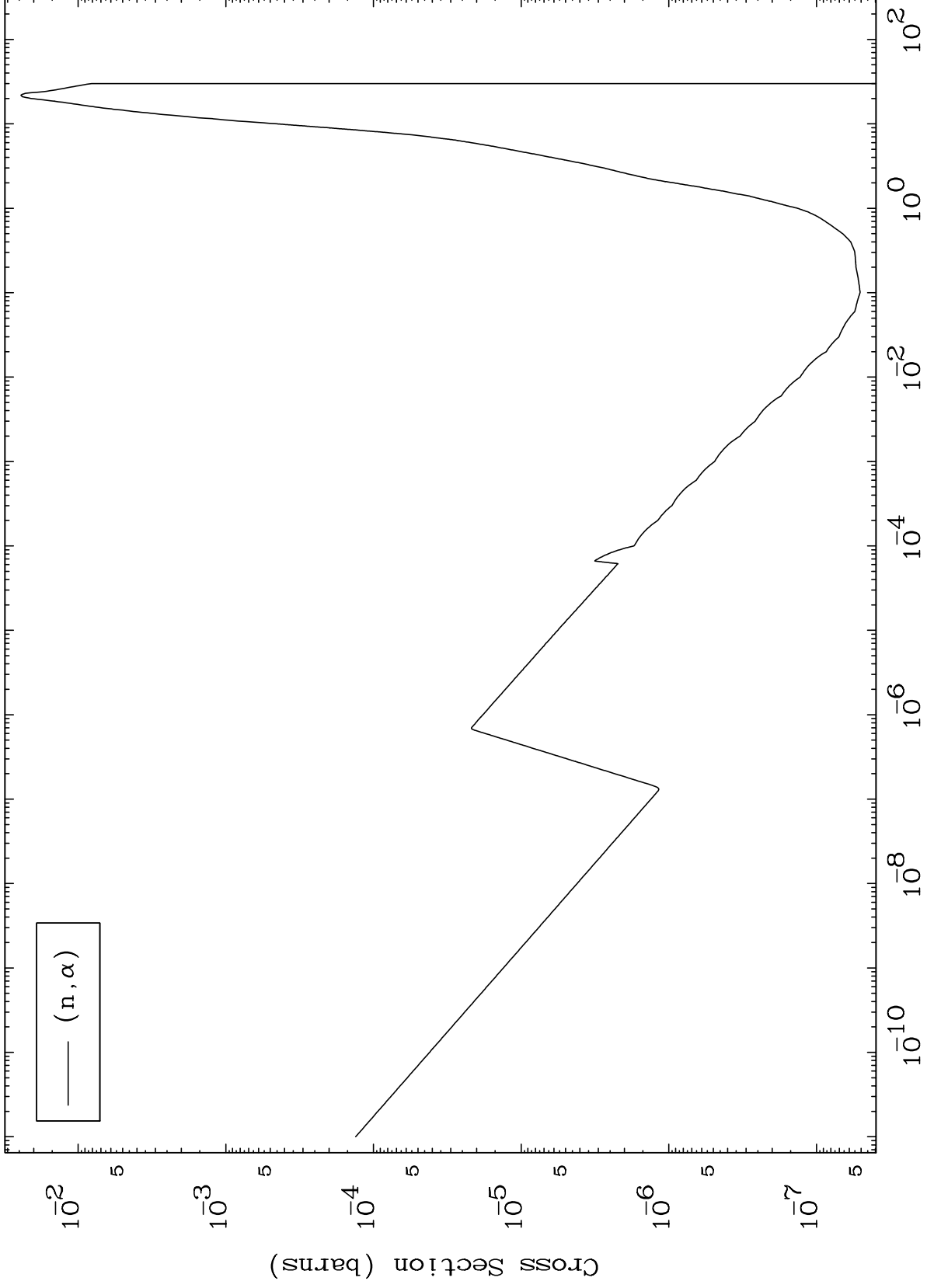
Incident Energy (MeV)

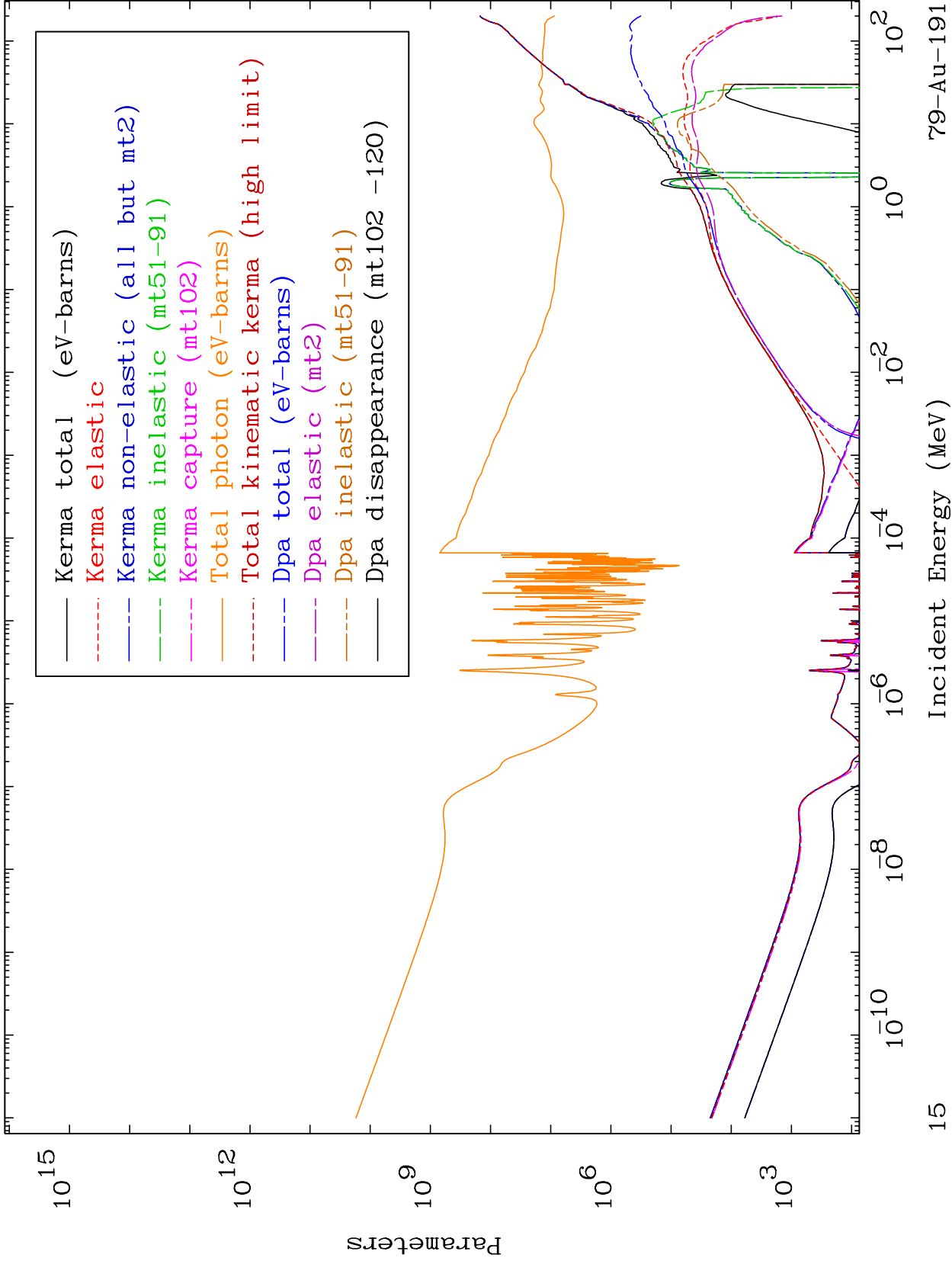
79-Au-191

MAT 7907

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

79-Au-191



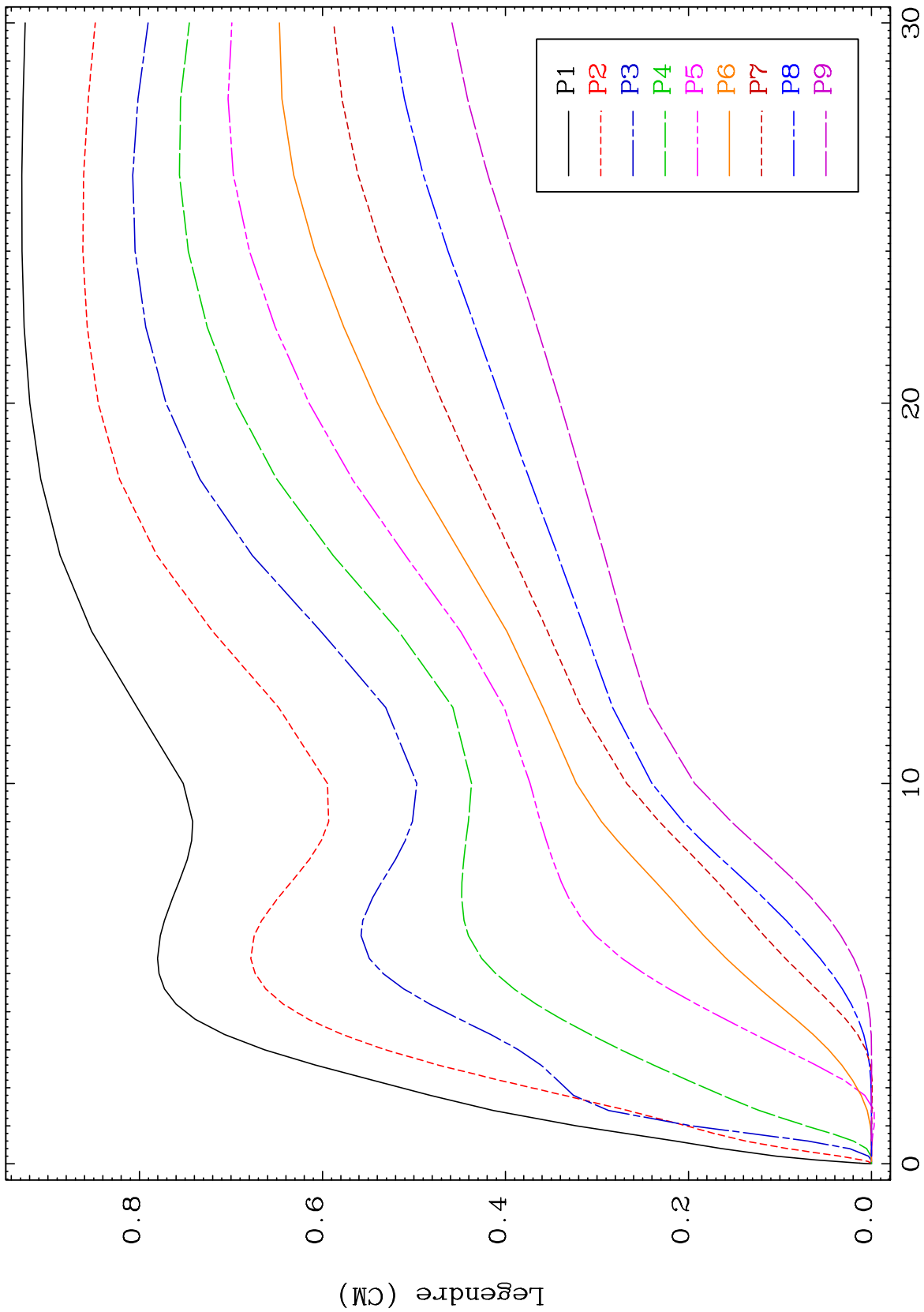




MAT 7907

79-Au-191

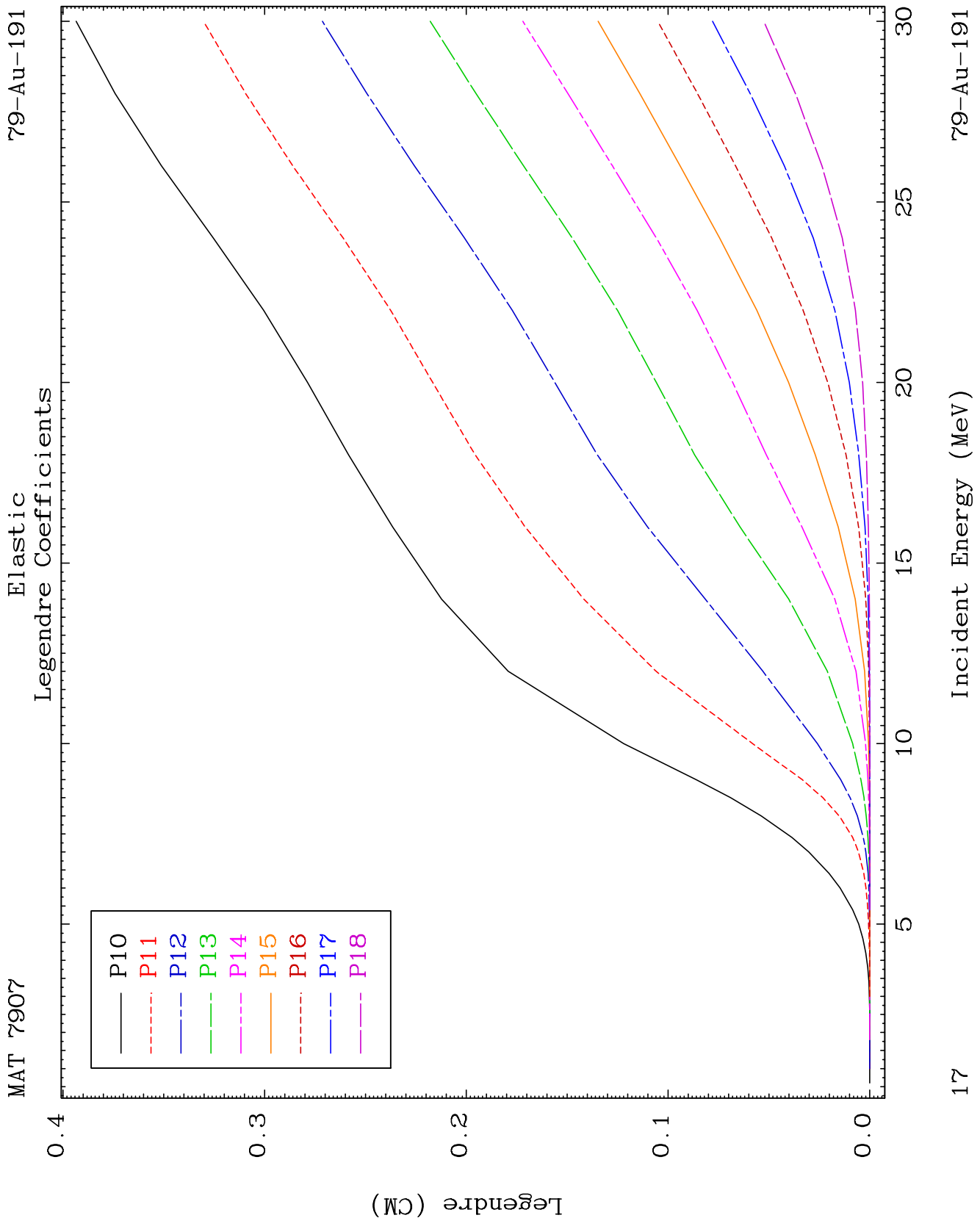
Elastic Legendre Coefficients



16

Incident Energy (MeV)

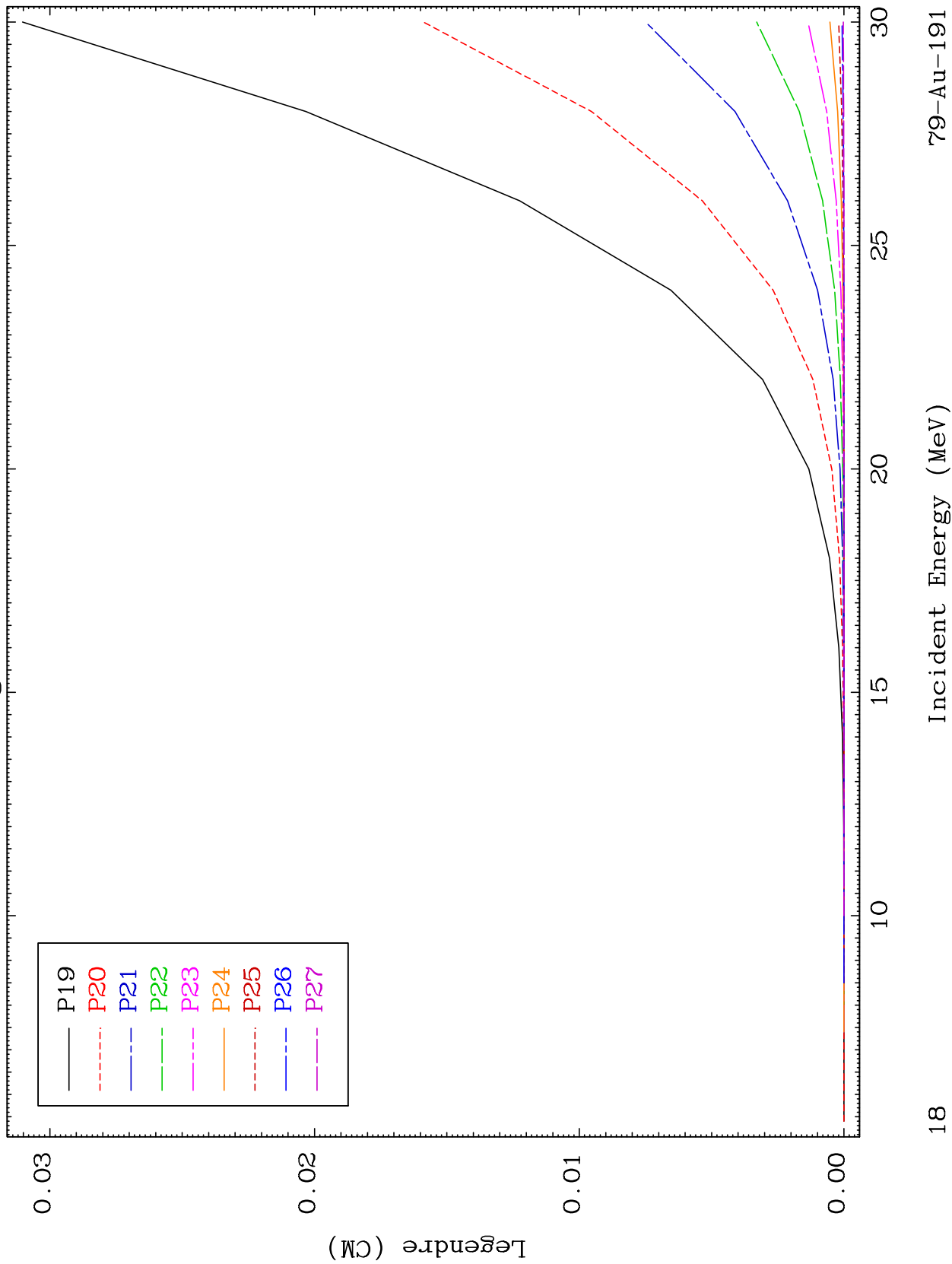
79-Au-191



MAT 7907

Elastic Legendre Coefficients

79-Au-191



18

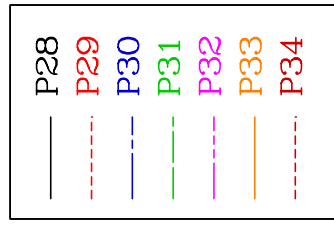
Incident Energy (MeV)

79-Au-191

MAT 7907

Elastic  
Legendre Coefficients

79-Au-191



$\times 10^{-6}$

Legendre (CM)

10

15

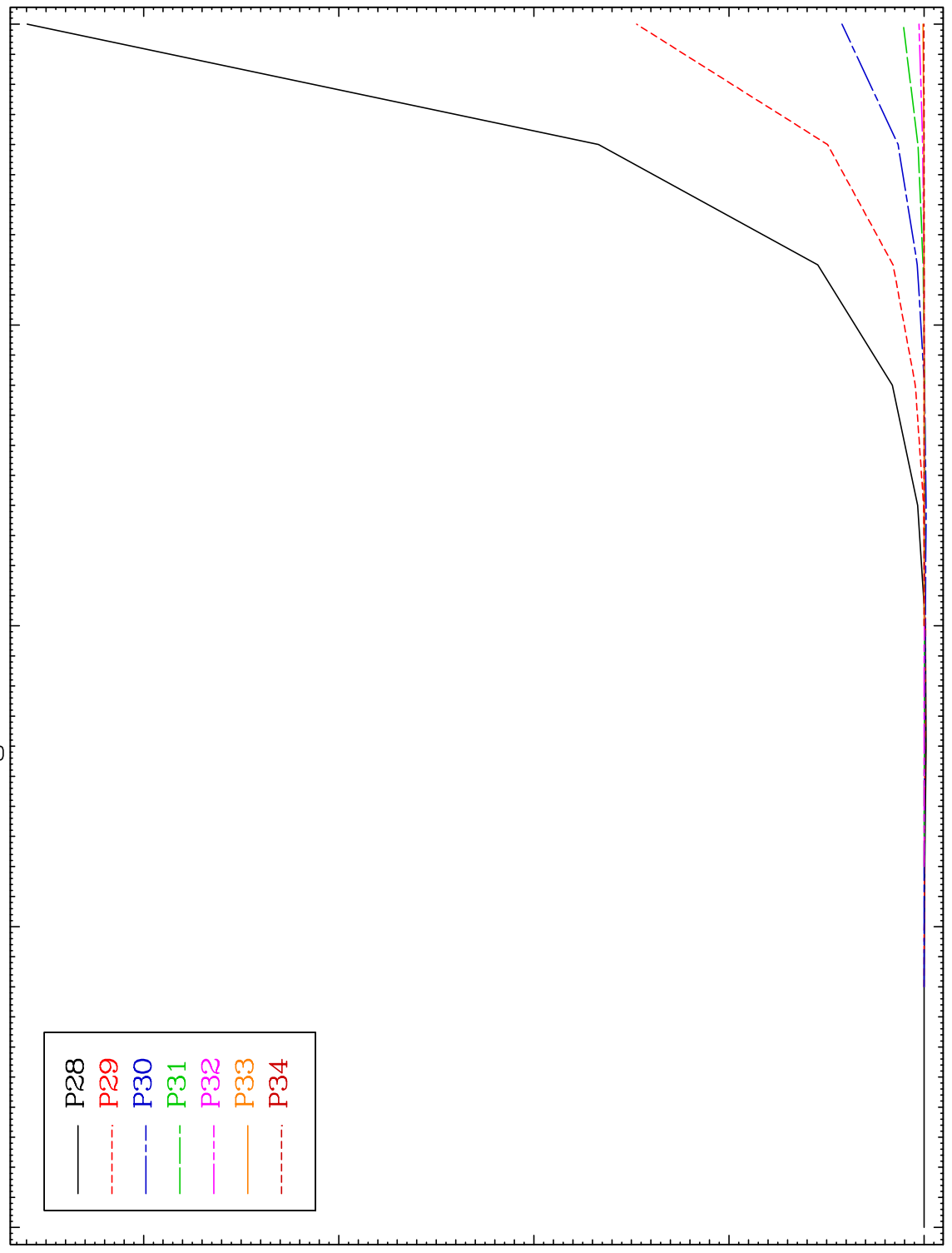
20

25

30

Incident Energy (MeV)

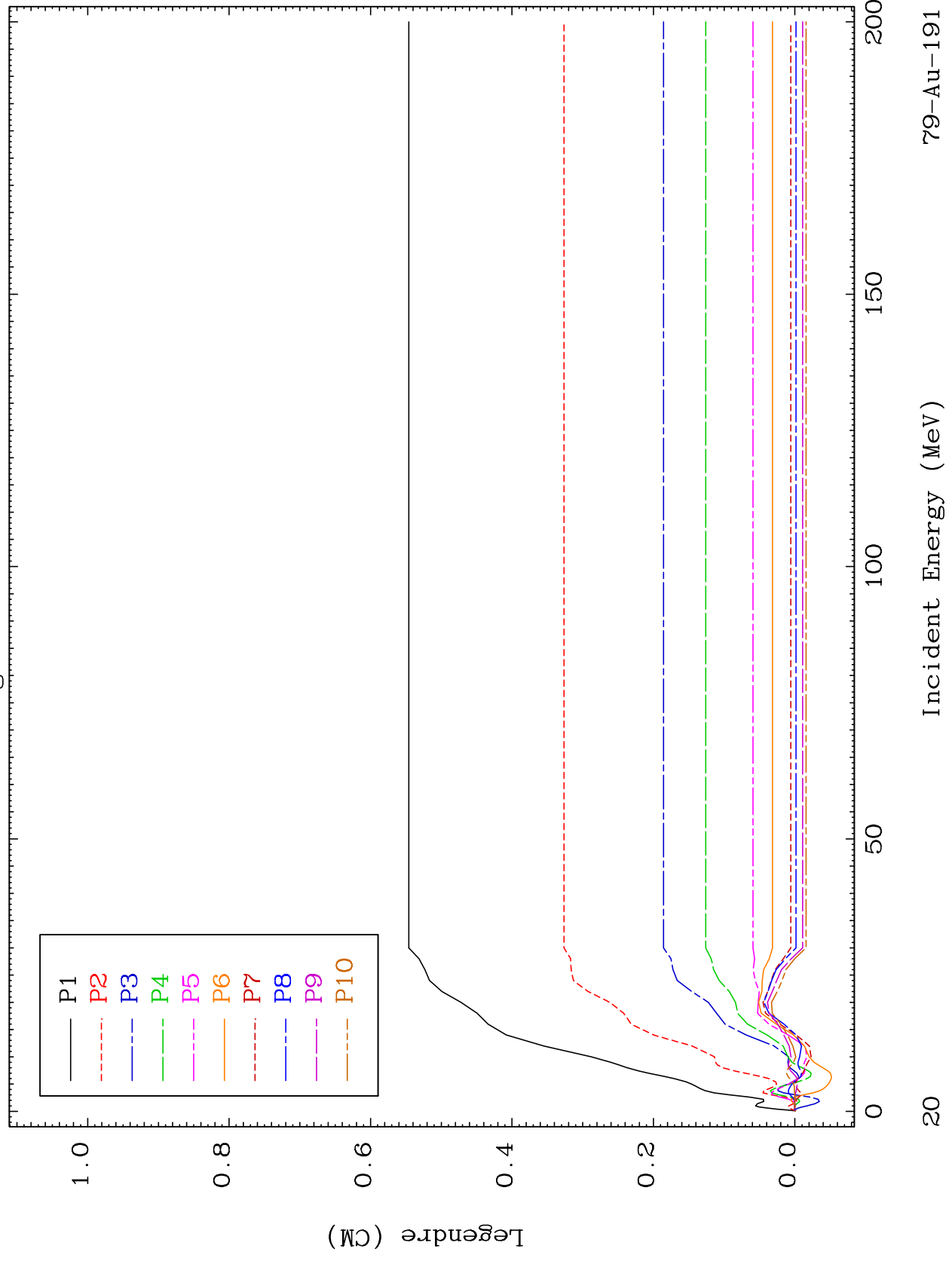
79-Au-191



MAT 7907

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

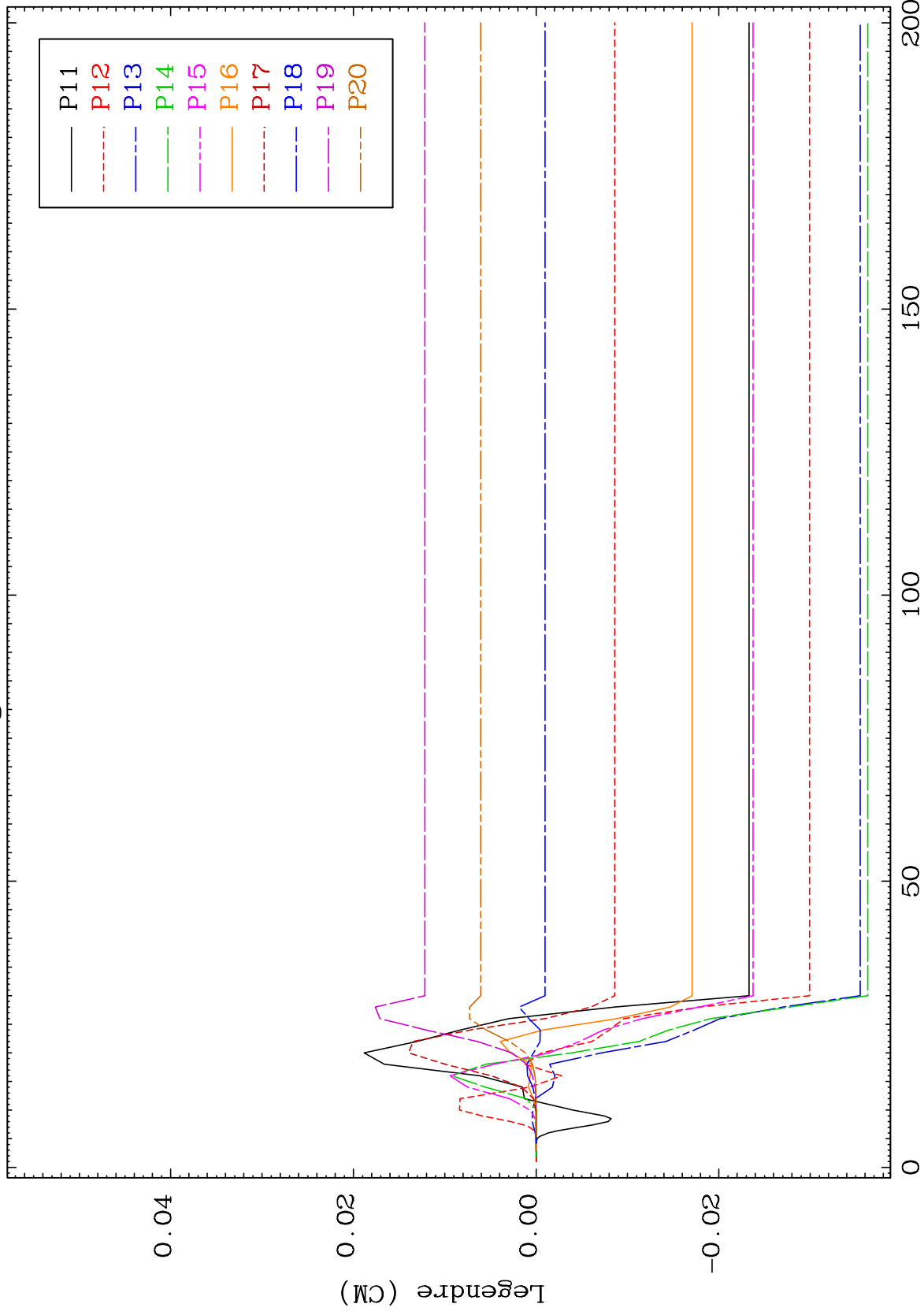
79-Au-191



MAT 7907

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

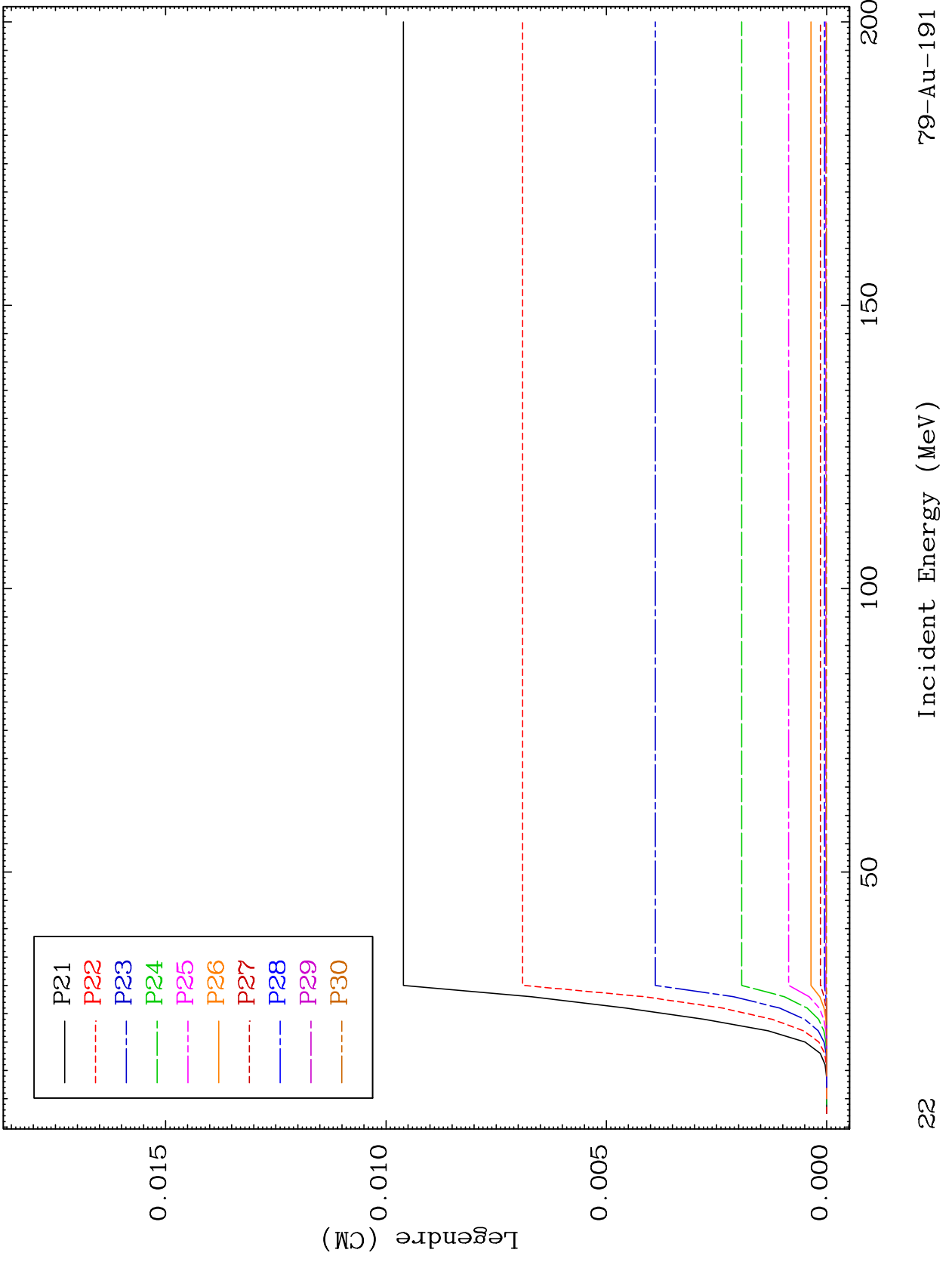
79-Au-191

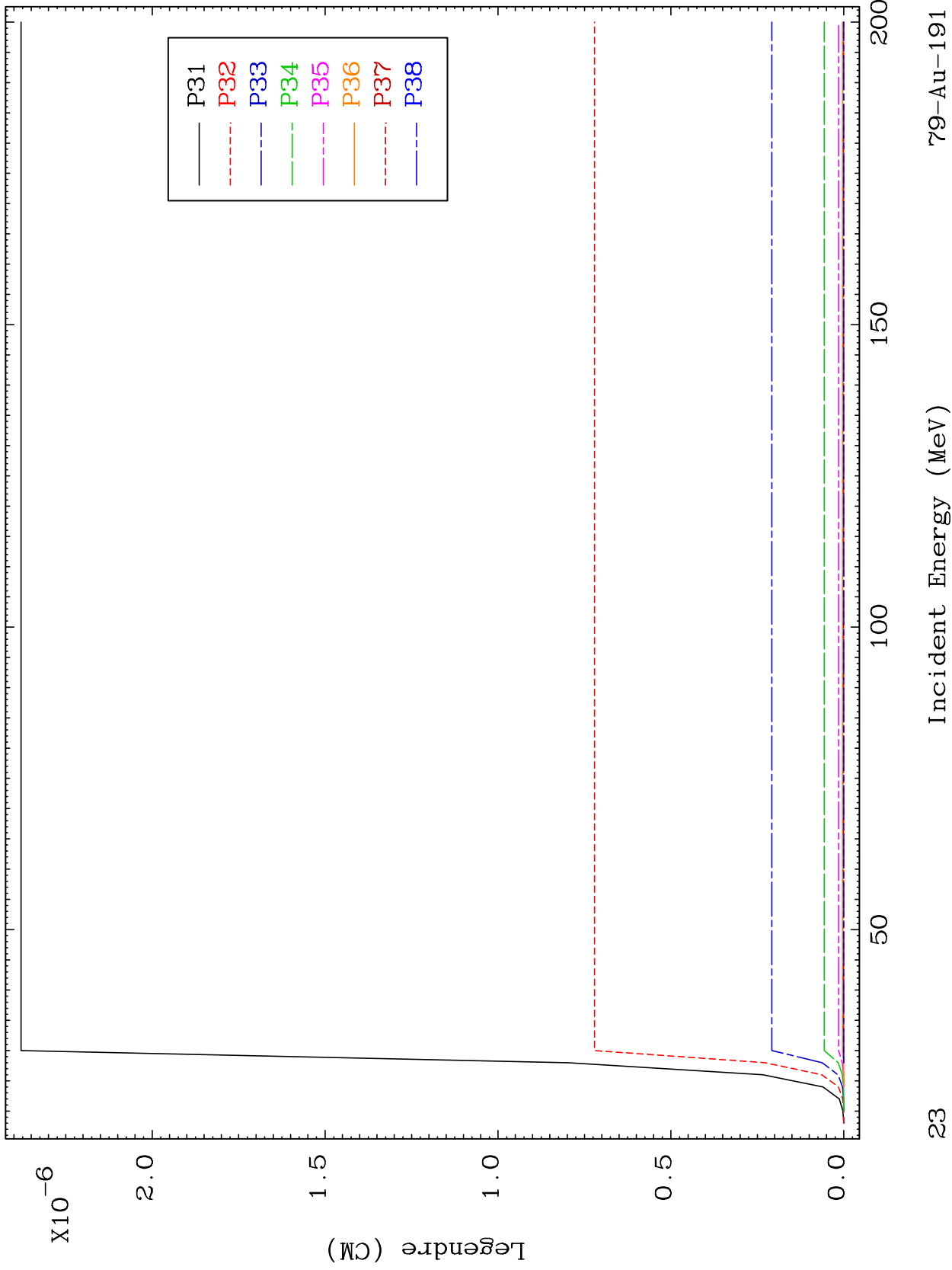


21

Incident Energy (MeV)

79-Au-191



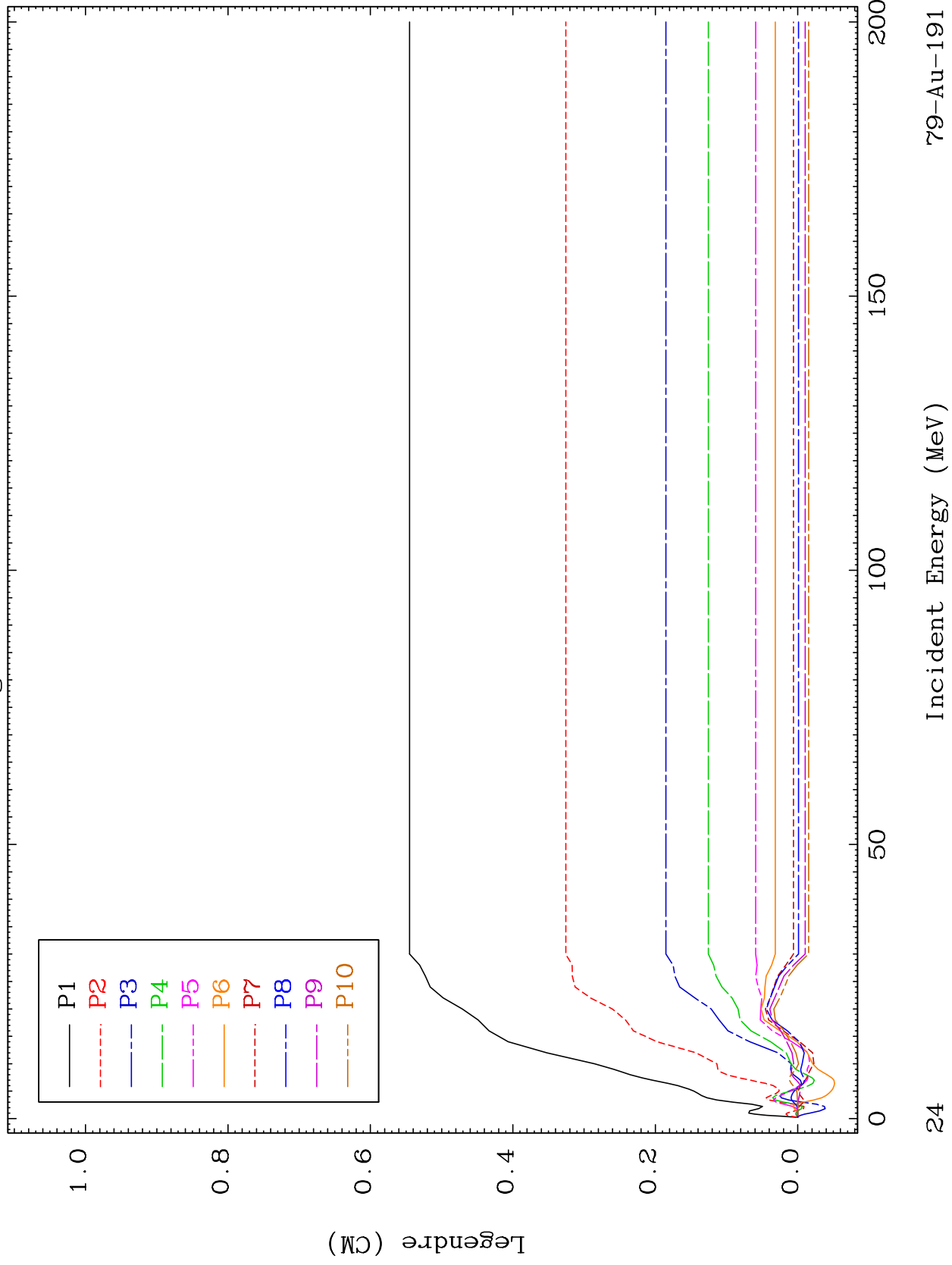




MAT 7907

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

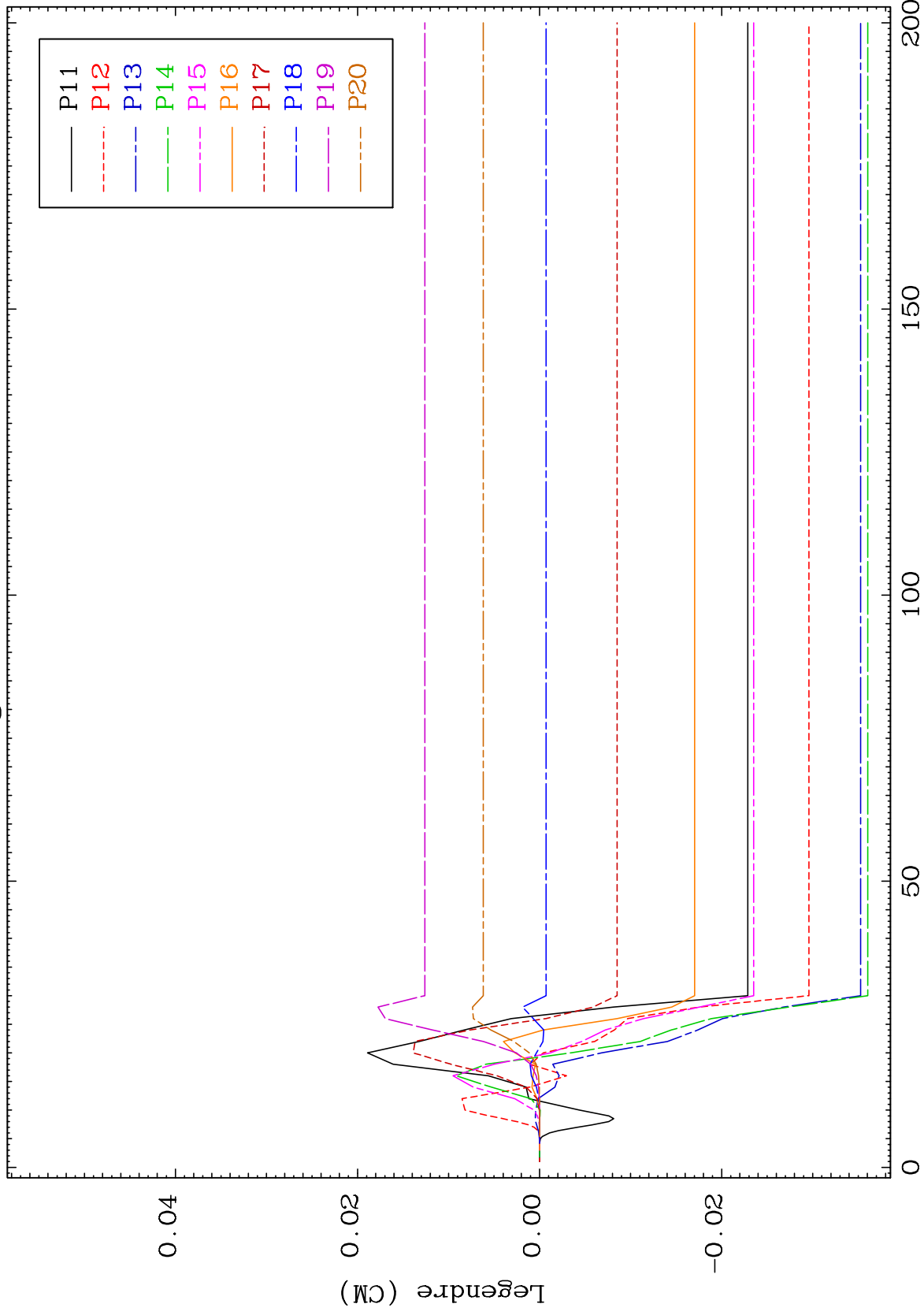
79-Au-191



MAT 7907

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

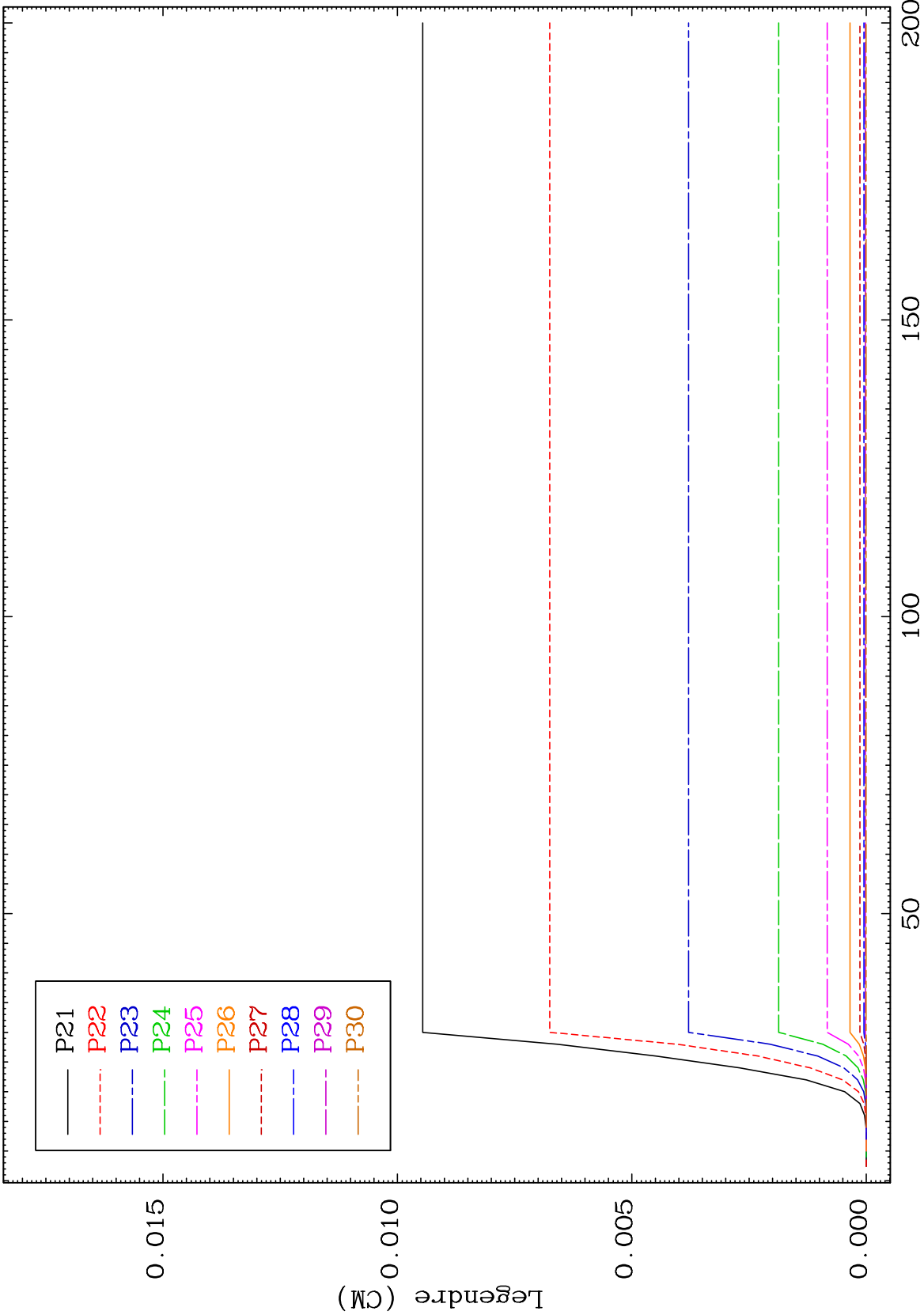
79-Au-191



25

Incident Energy (MeV)

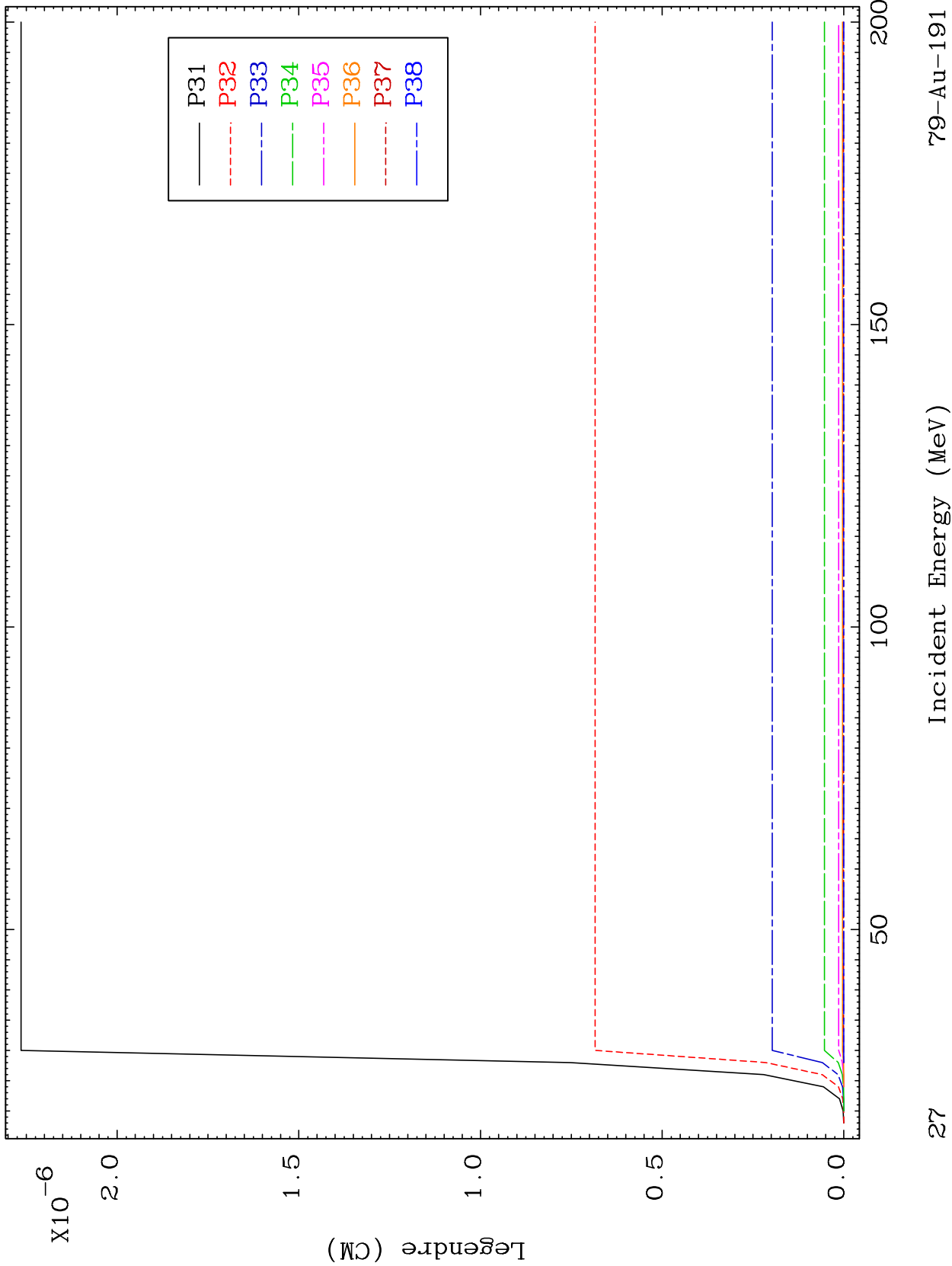
79-Au-191



MAT 7907

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

79-Au-191



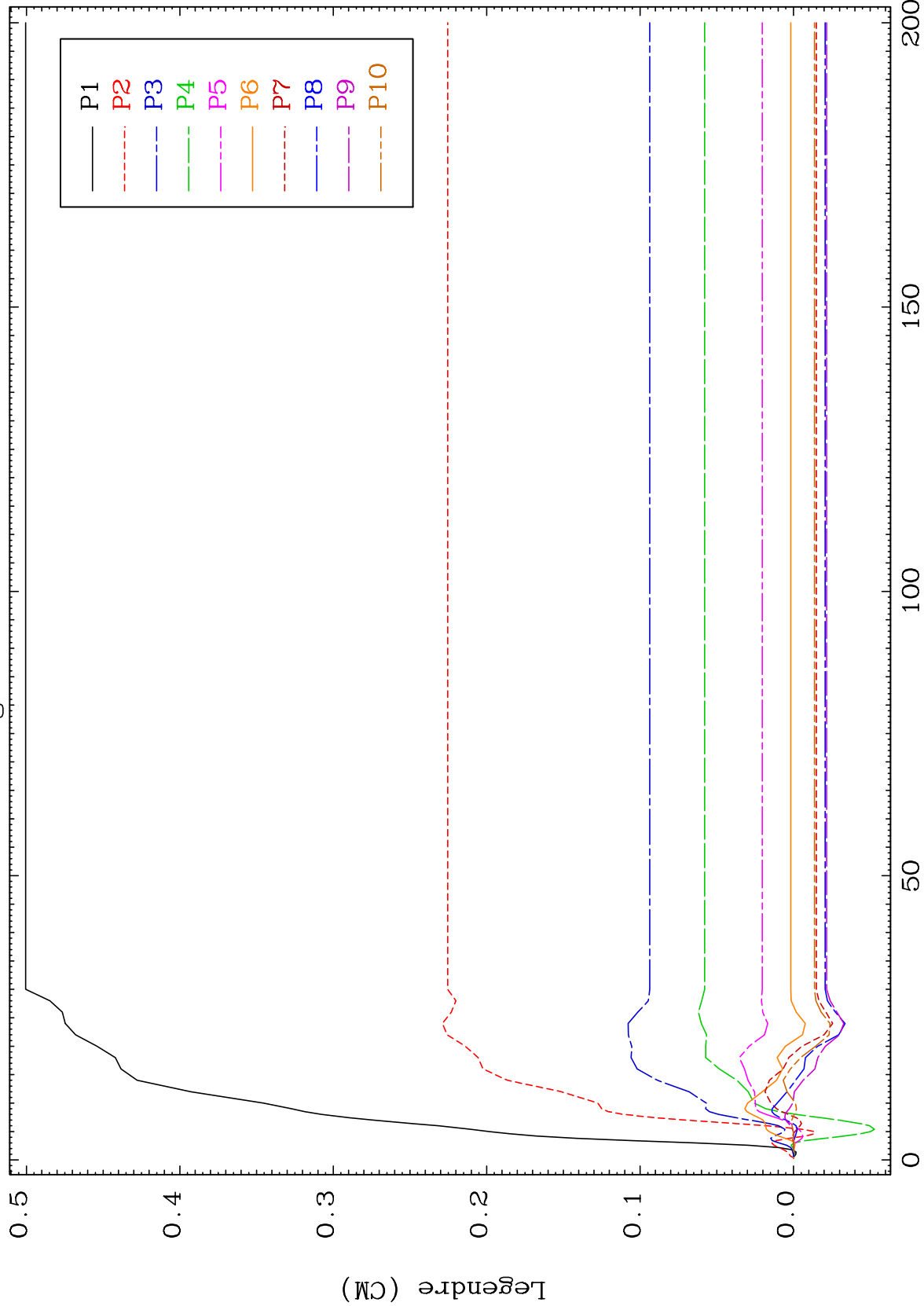
27

79-Au-191

MAT 7907

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

79-Au-191



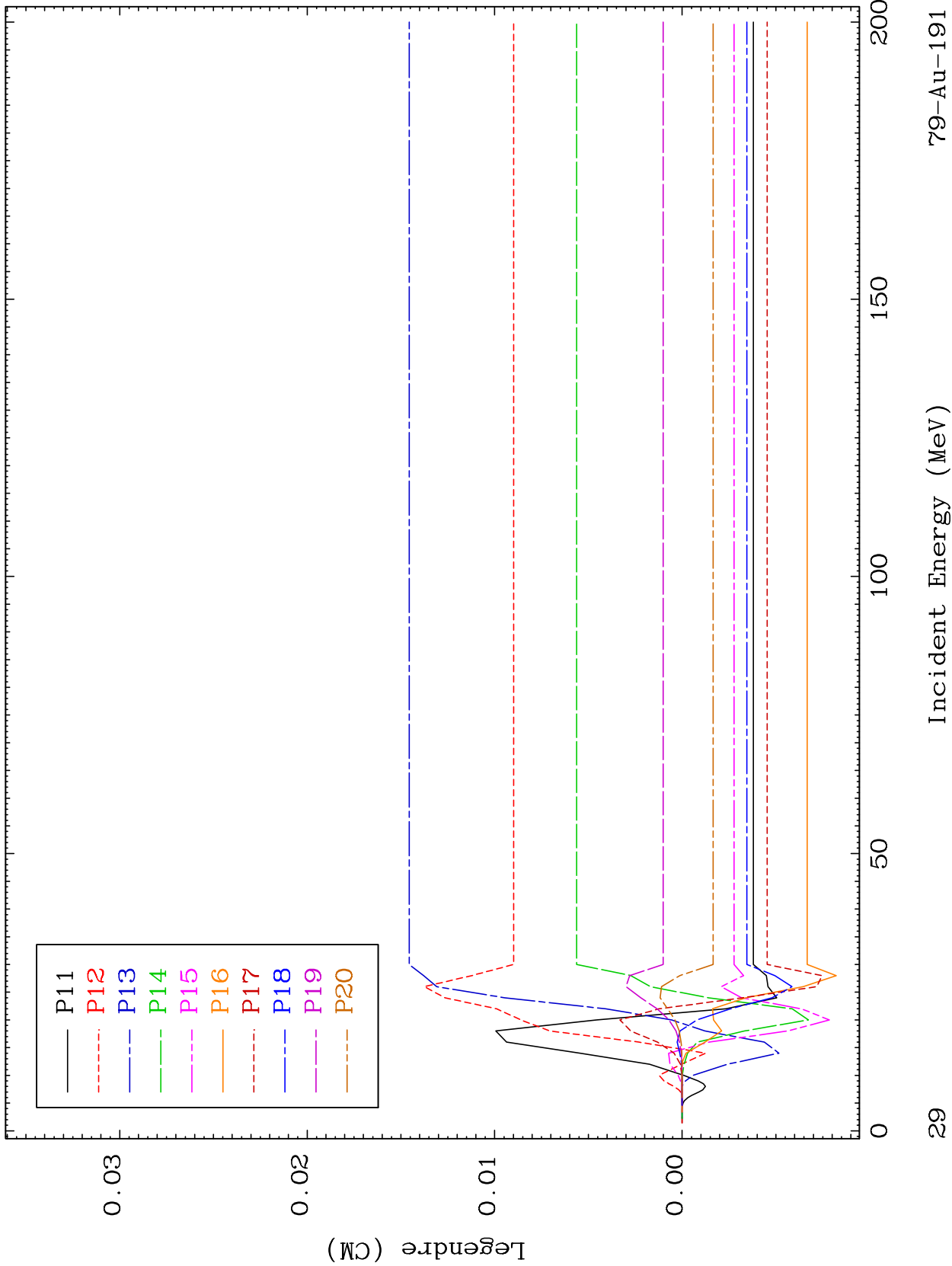
28

79-Au-191

MAT 7907

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

79-Au-191



29

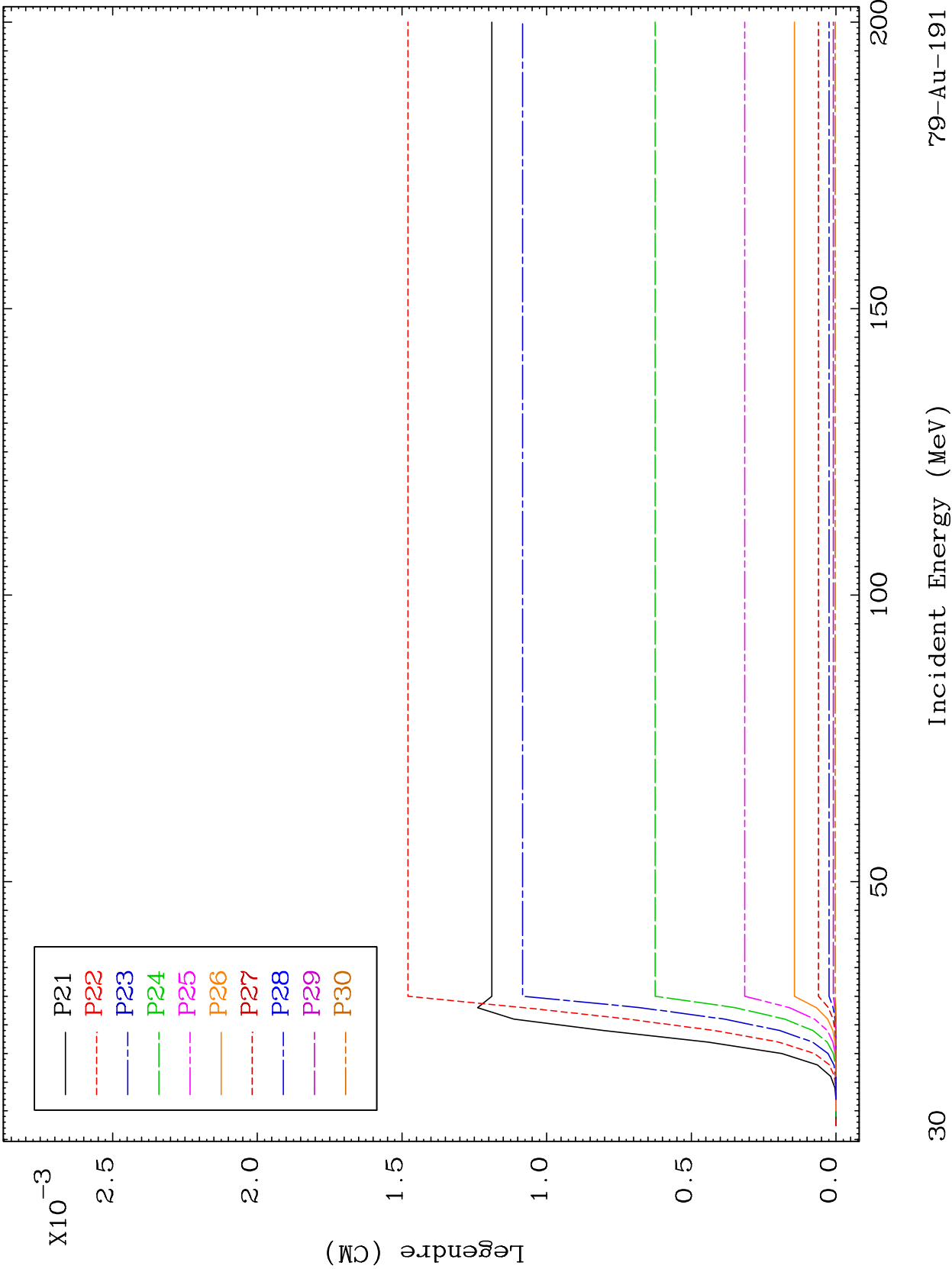
Incident Energy (MeV)

79-Au-191

MAT 7907

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

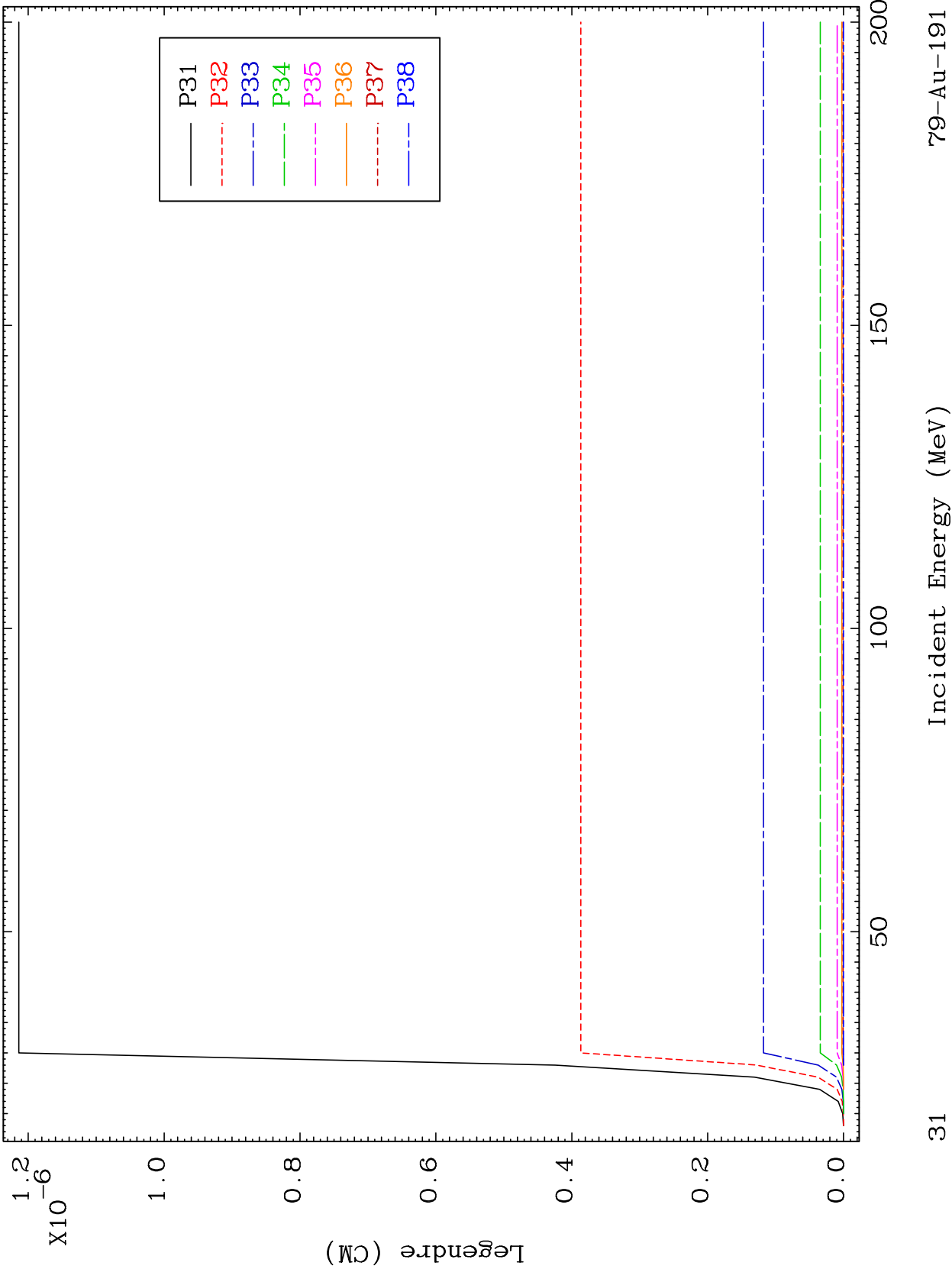
79-Au-191



30

Incident Energy (MeV)

79-Au-191

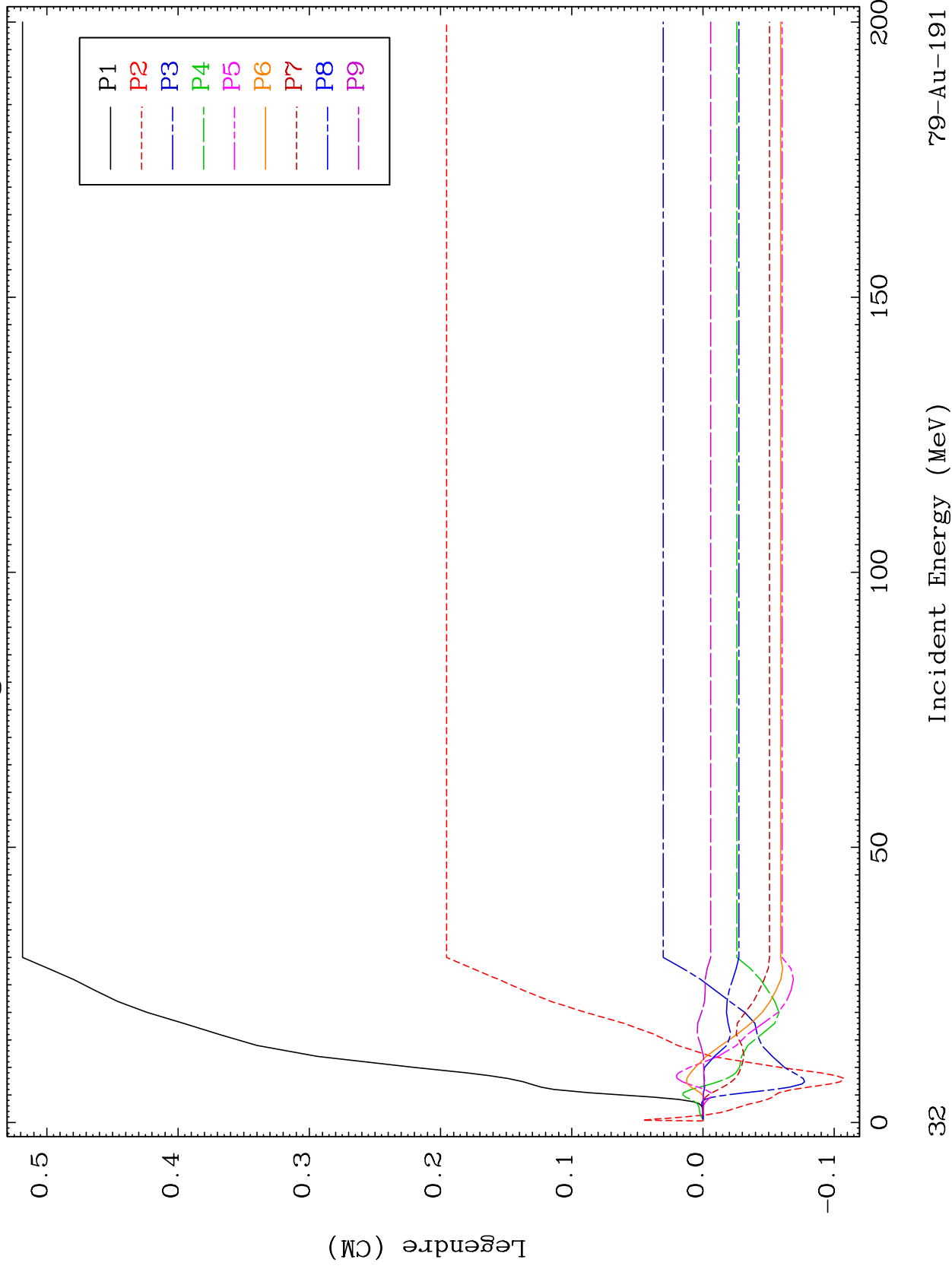




MAT 7907

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

79-Au-191



79-Au-191

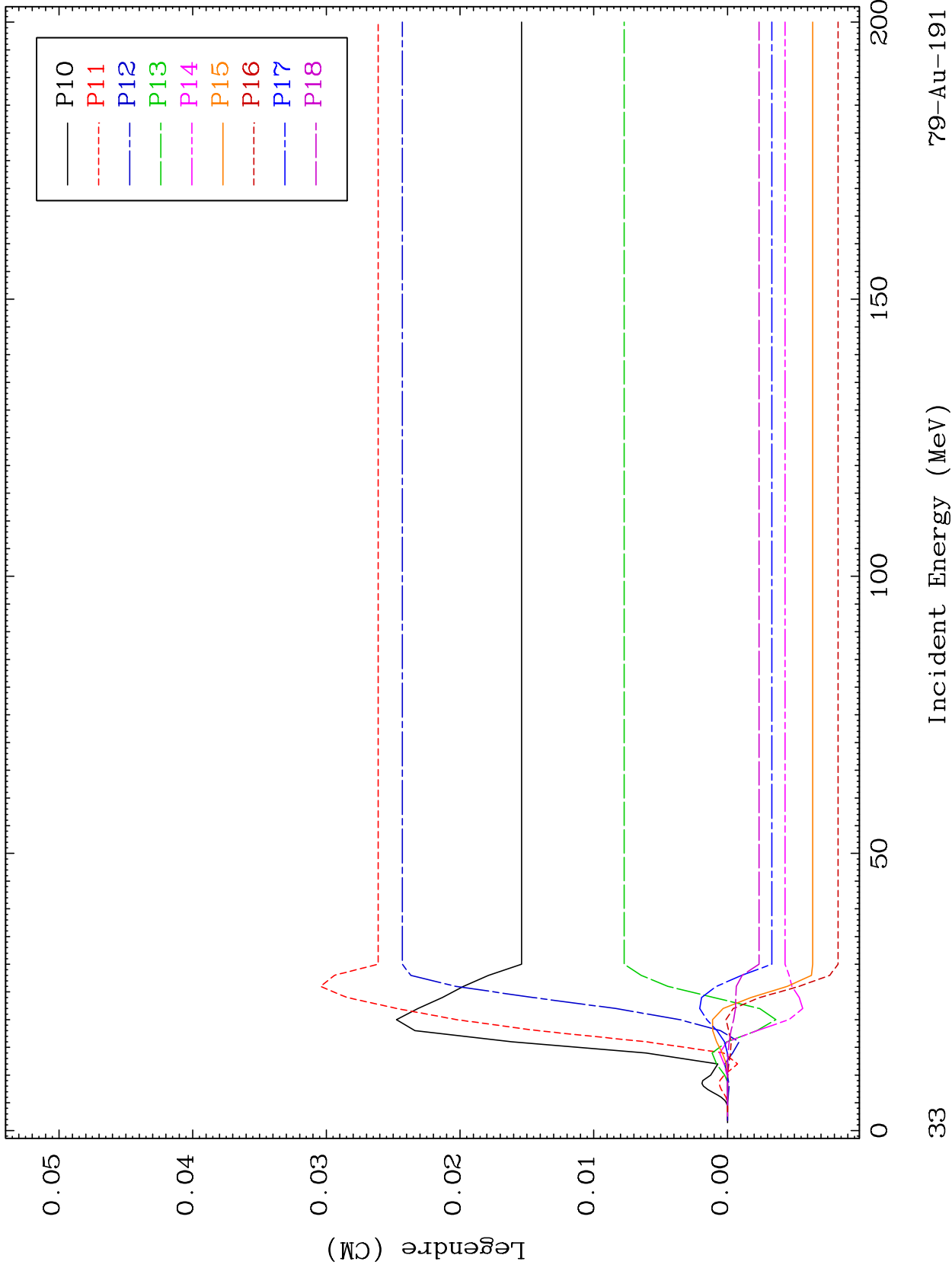
Incident Energy (MeV)

32

MAT 7907

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

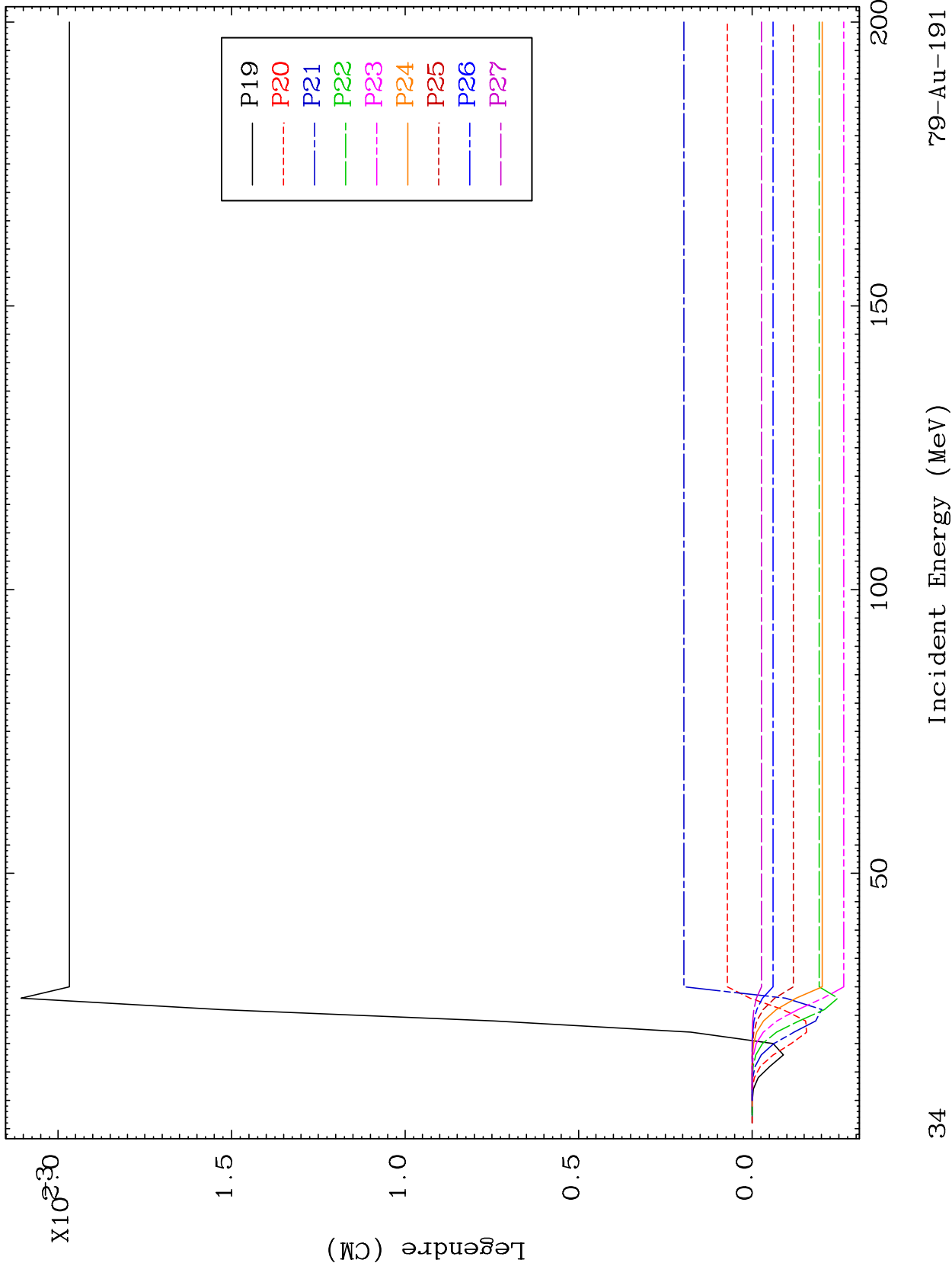
79-Au-191

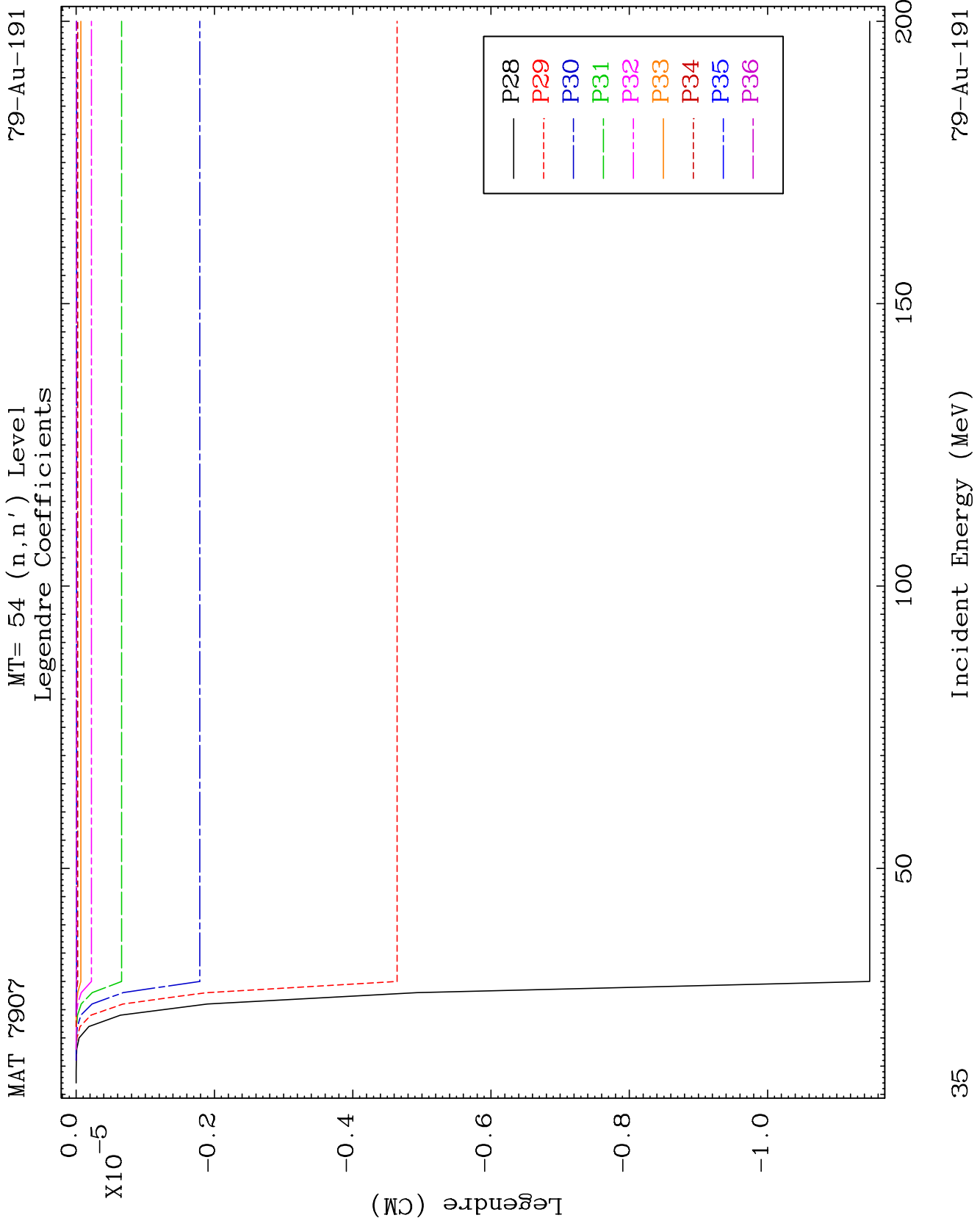


33

Incident Energy (MeV)

79-Au-191

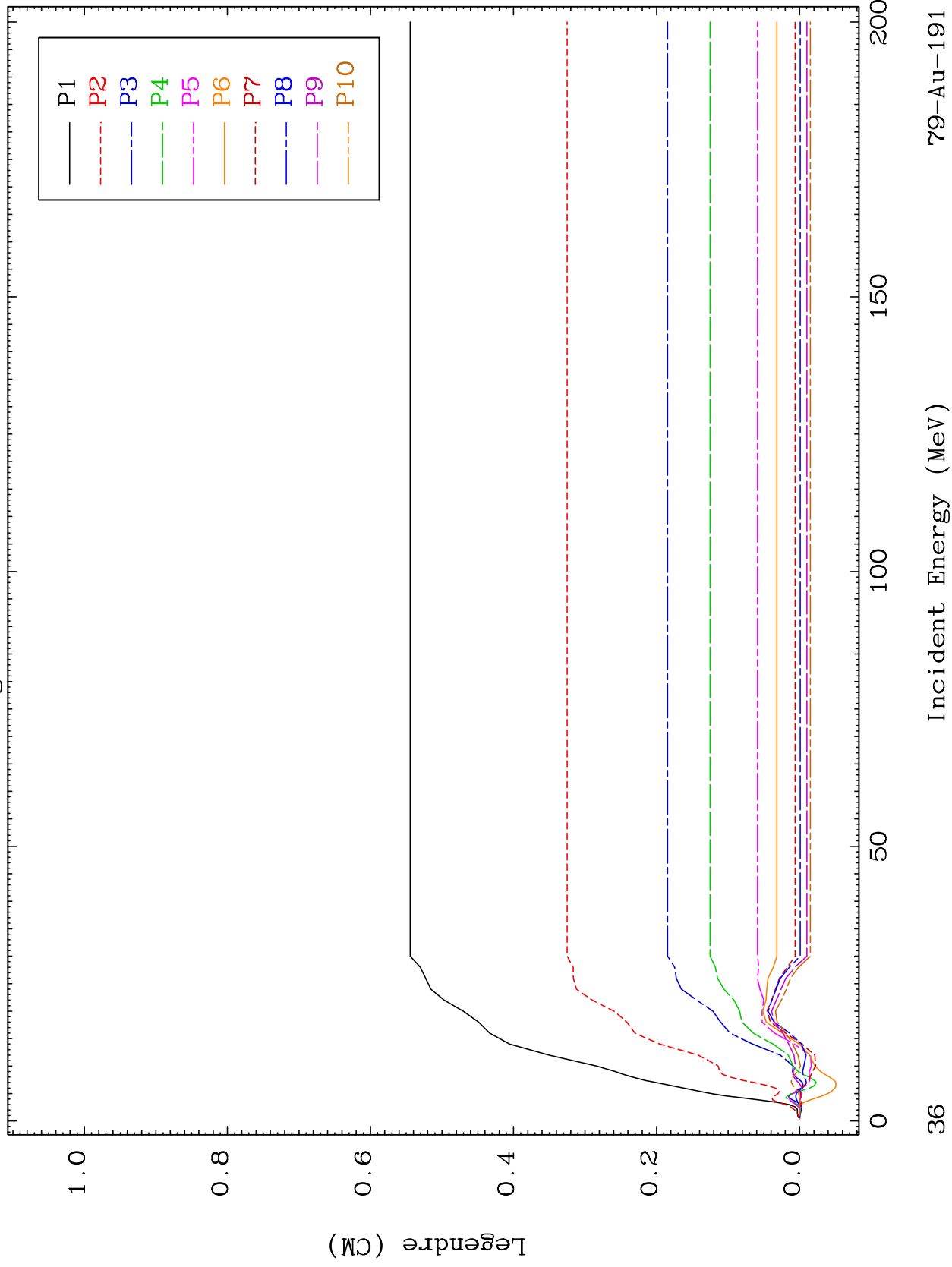




MAT 7907

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

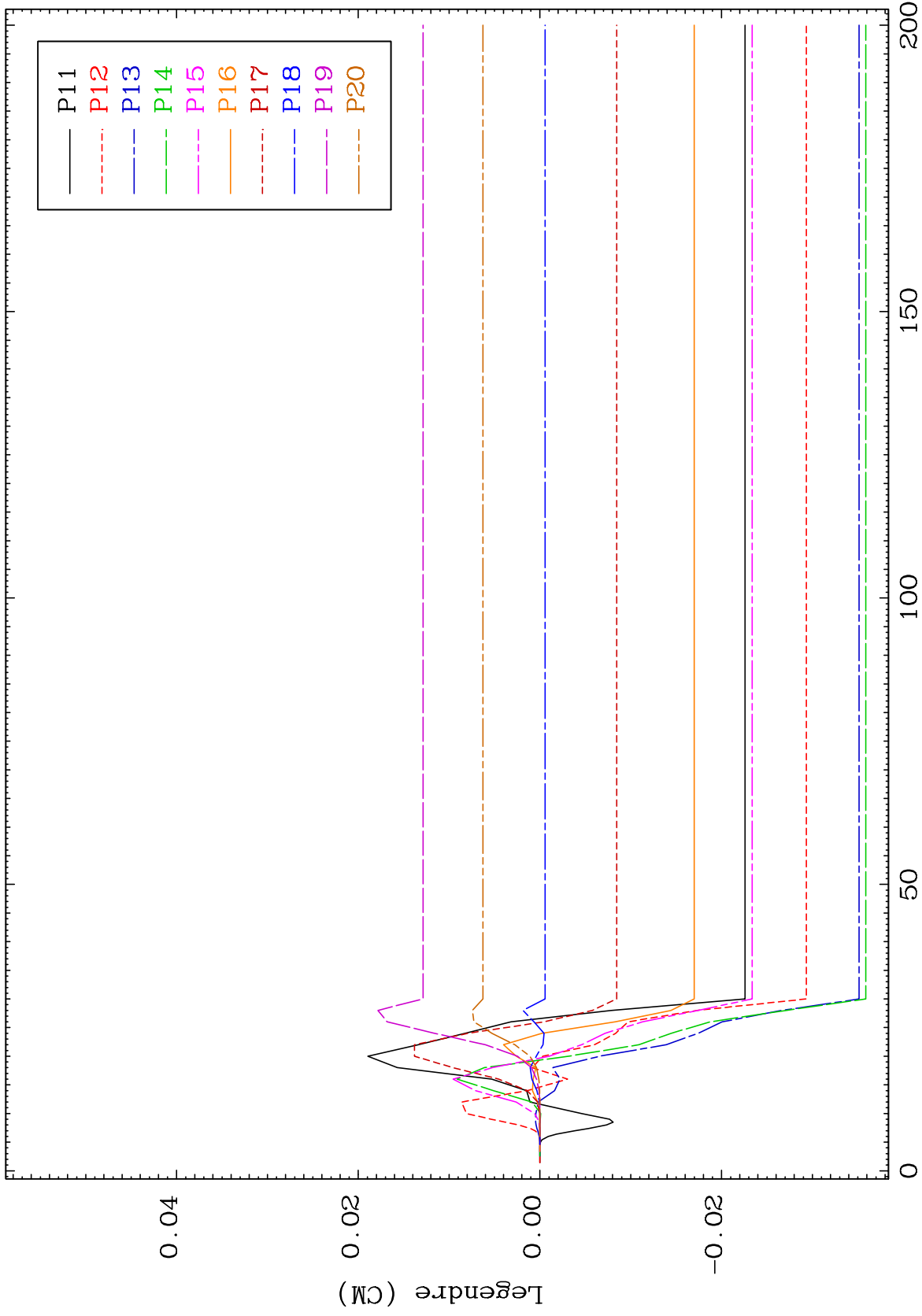
79-Au-191



MAT 7907

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

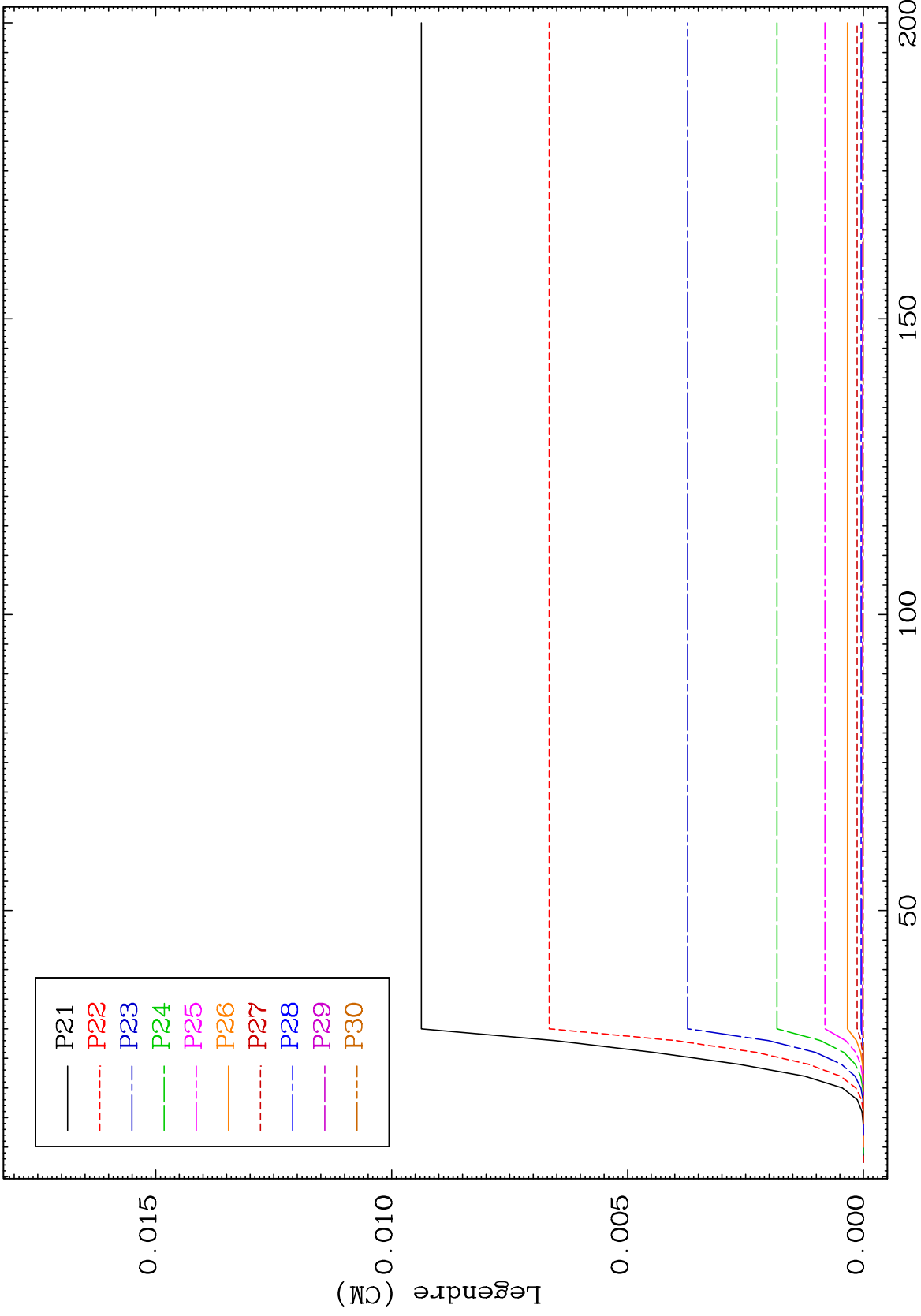
79-Au-191



37

Incident Energy (MeV)

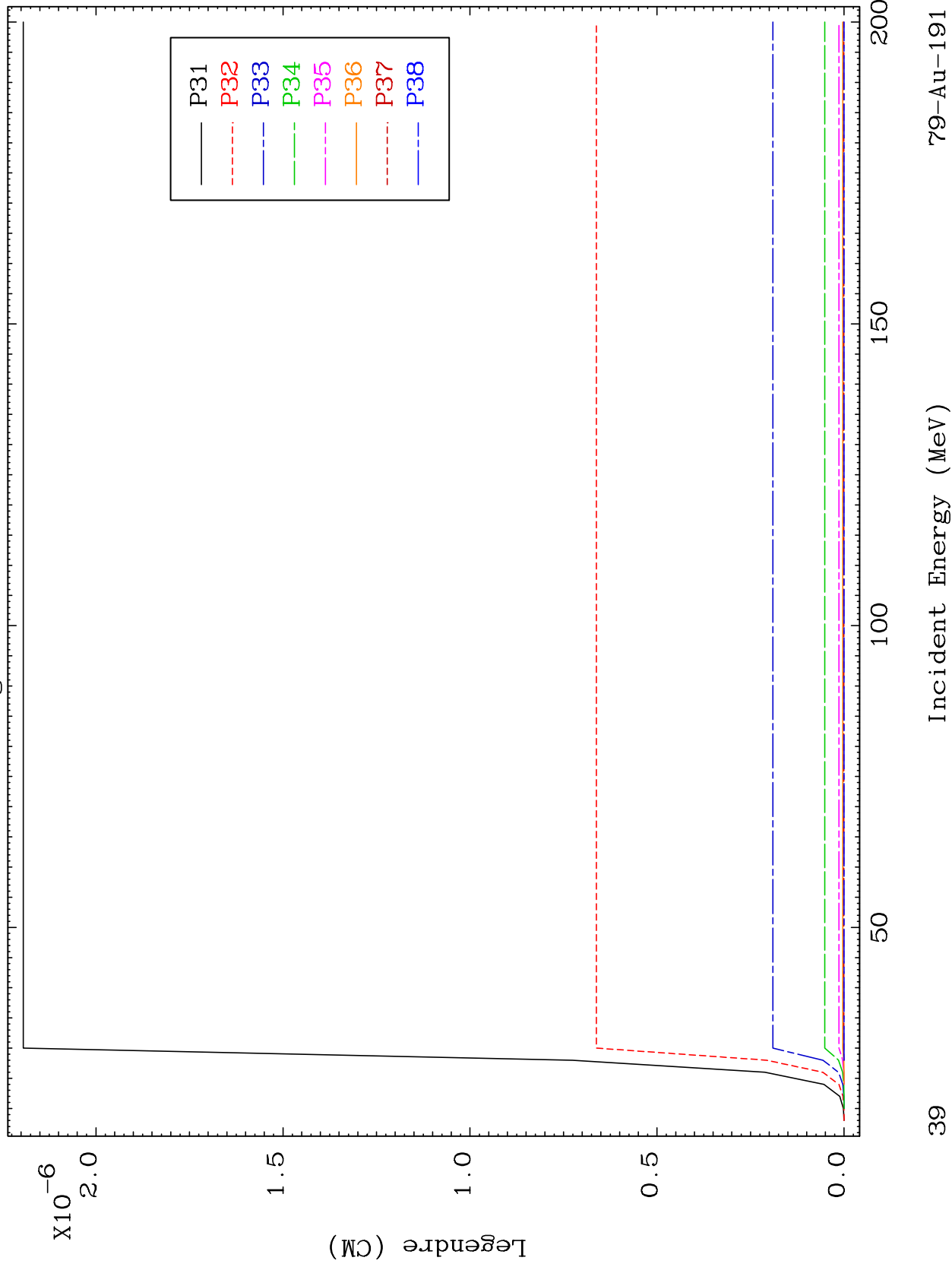
79-Au-191



MAT 7907

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

79-Au-191

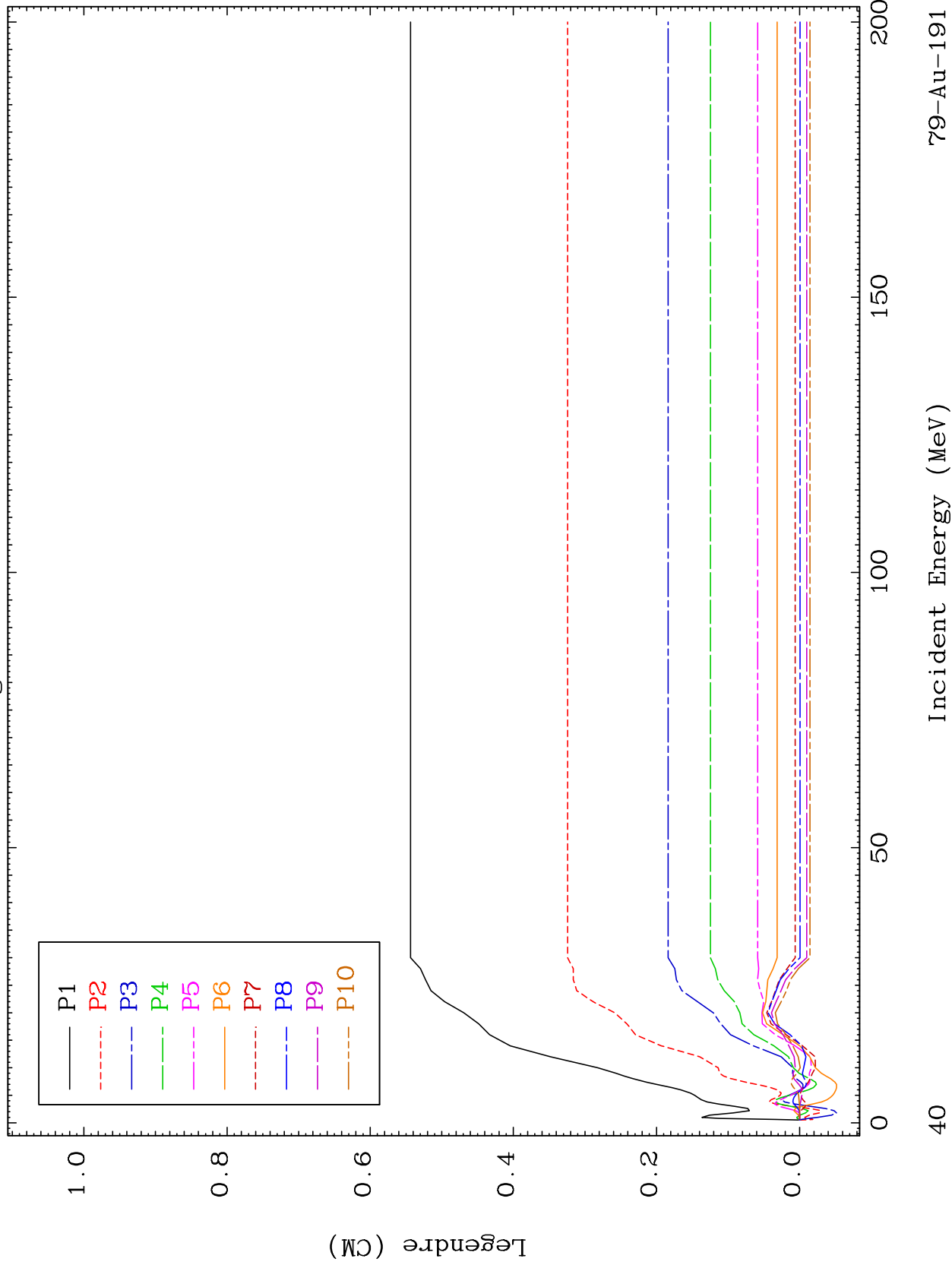




MAT 7907

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

79-Au-191



79-Au-191

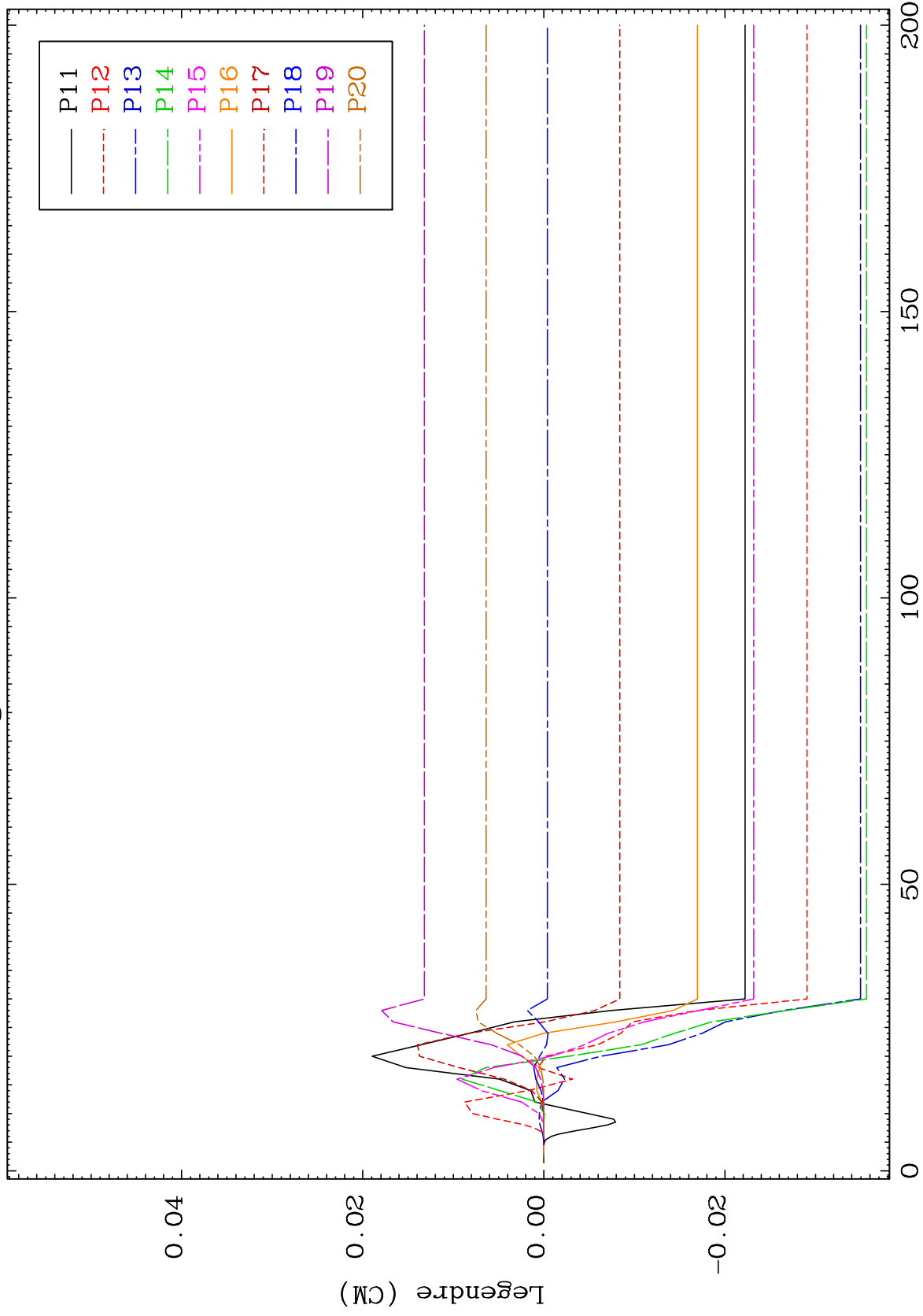
Incident Energy (MeV)

40

MAT 7907

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

79-Au-191



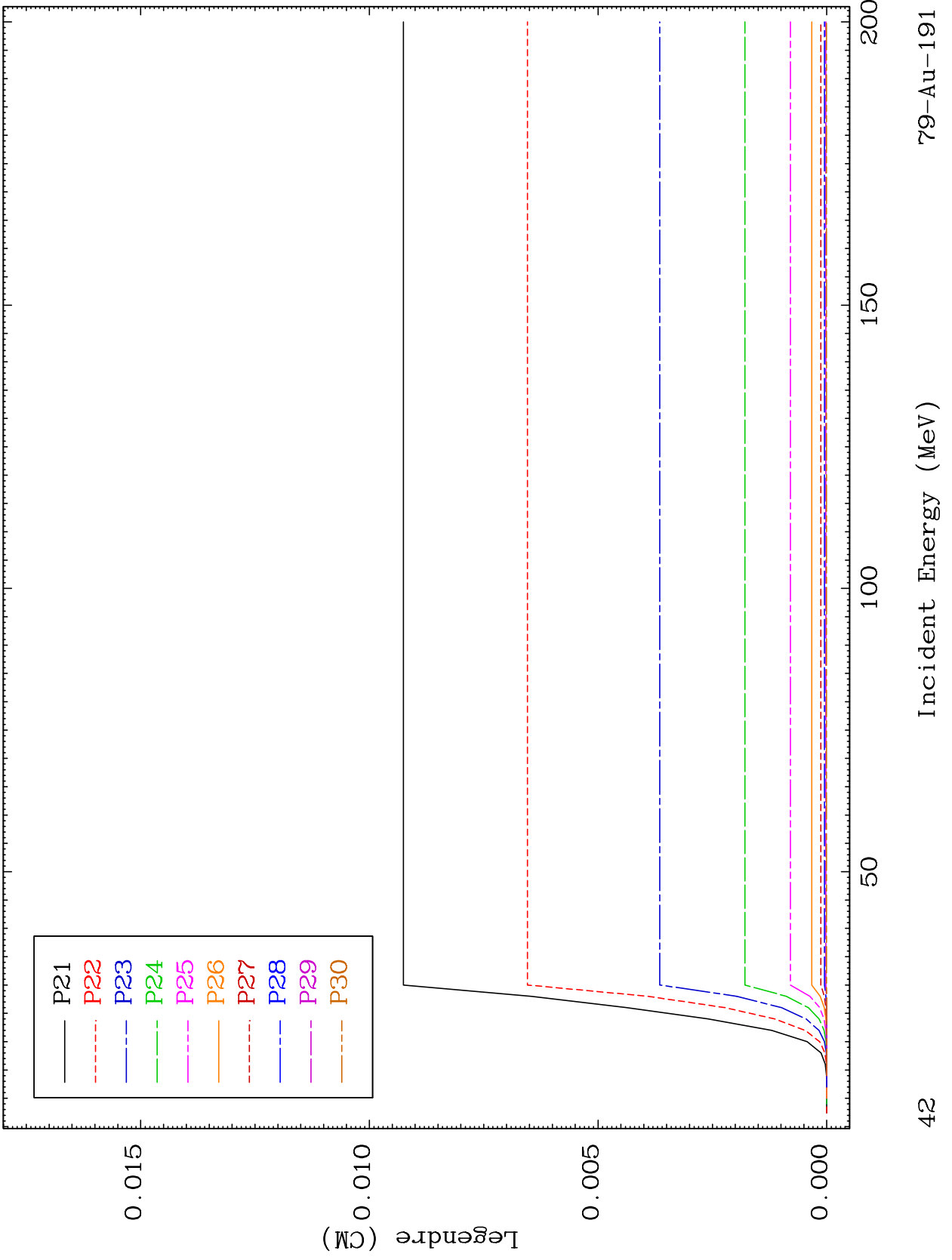
41

79-Au-191

MAT 7907

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

79-Au-191



42

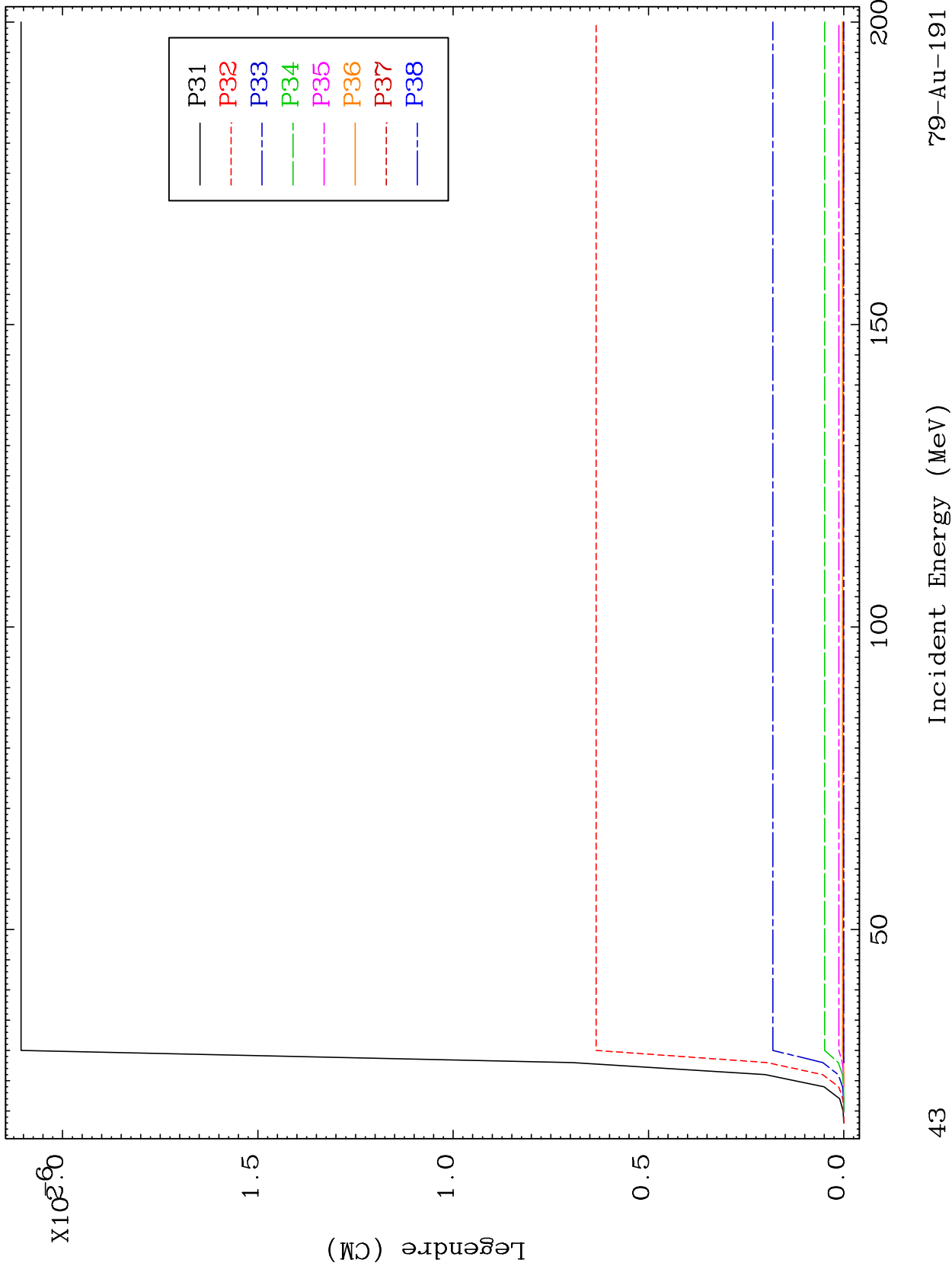
Incident Energy (MeV)

79-Au-191

MAT 7907

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

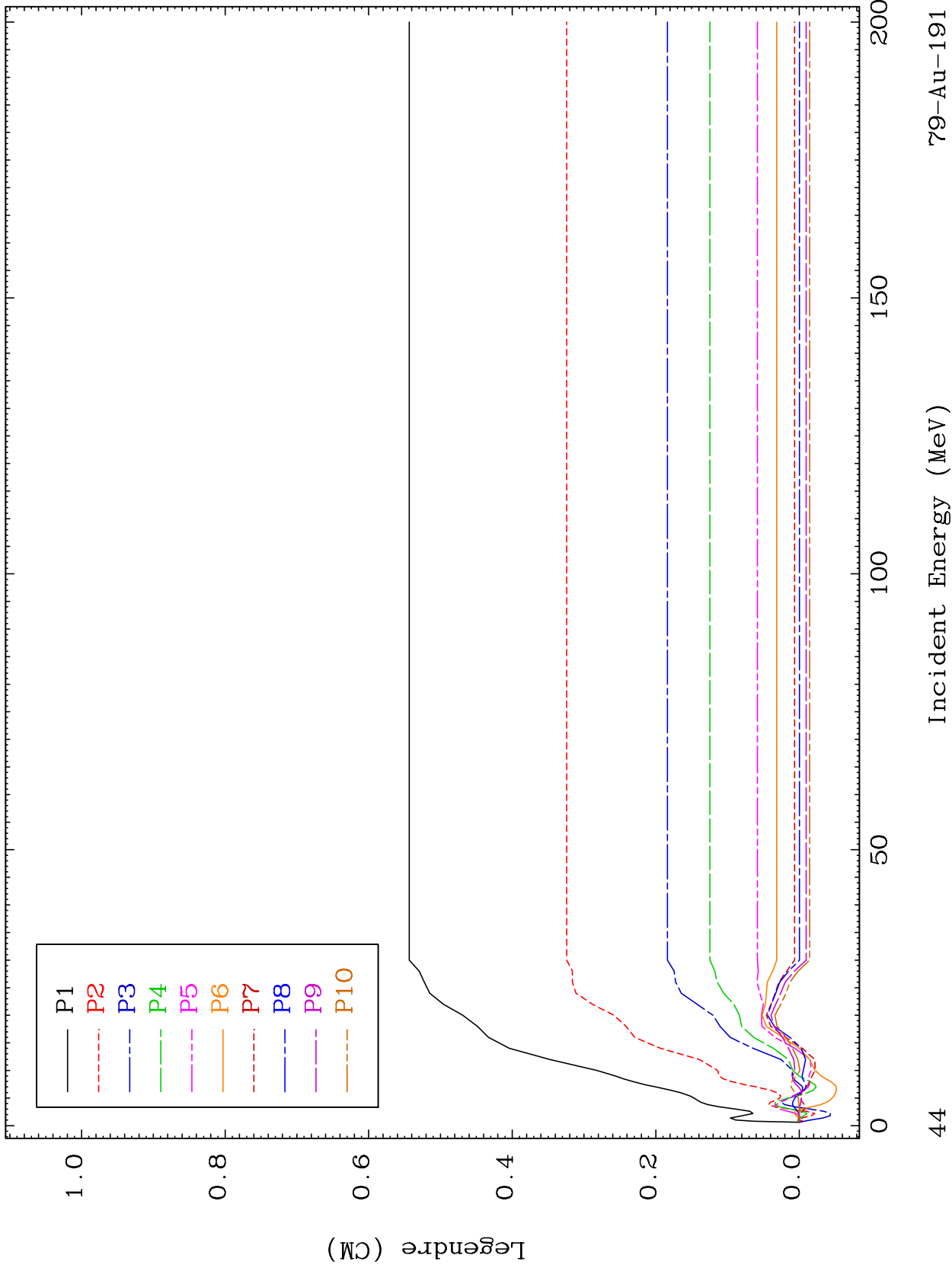
79-Au-191



43

Incident Energy (MeV)

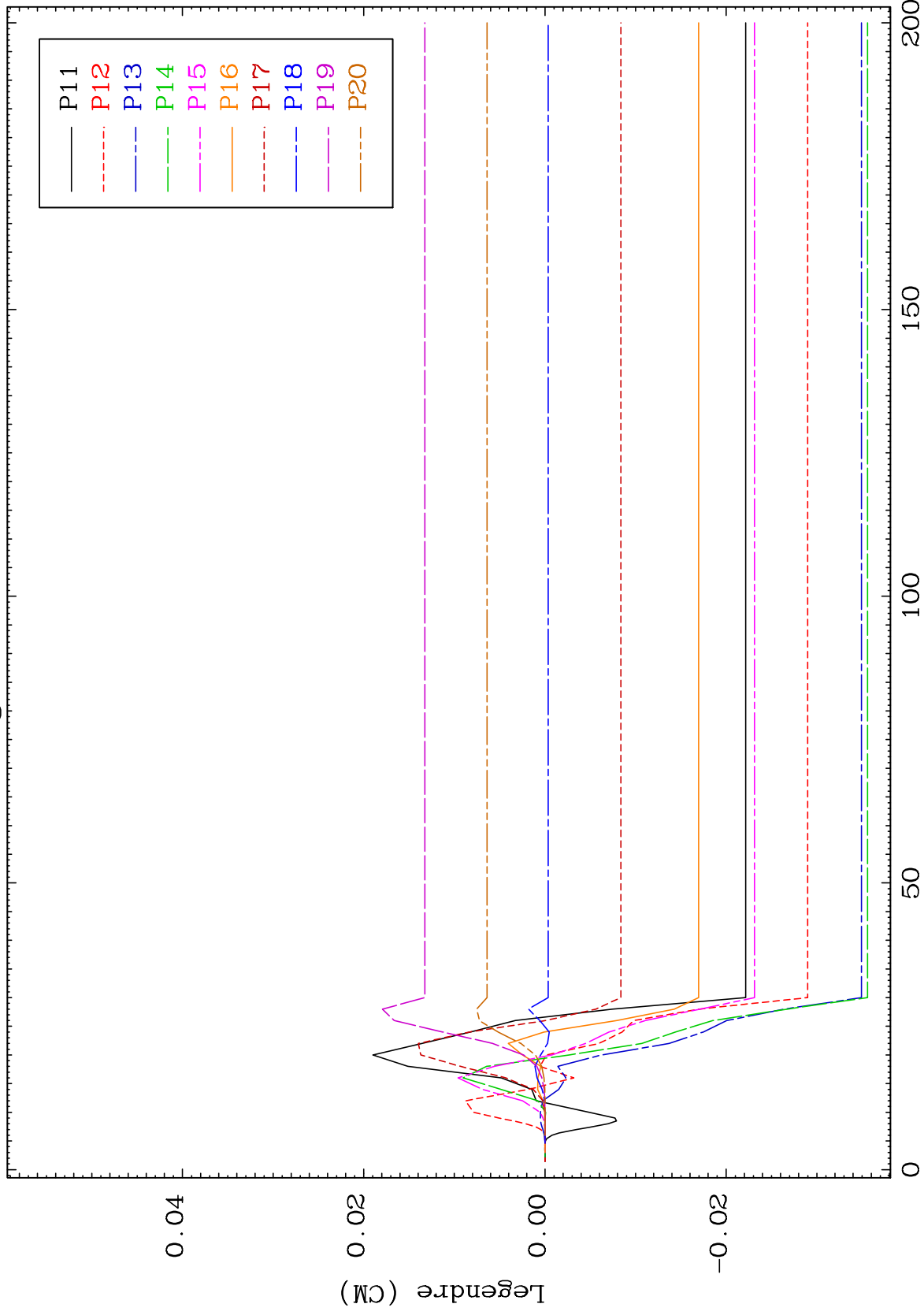
79-Au-191



MAT 7907

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

79-Au-191



45

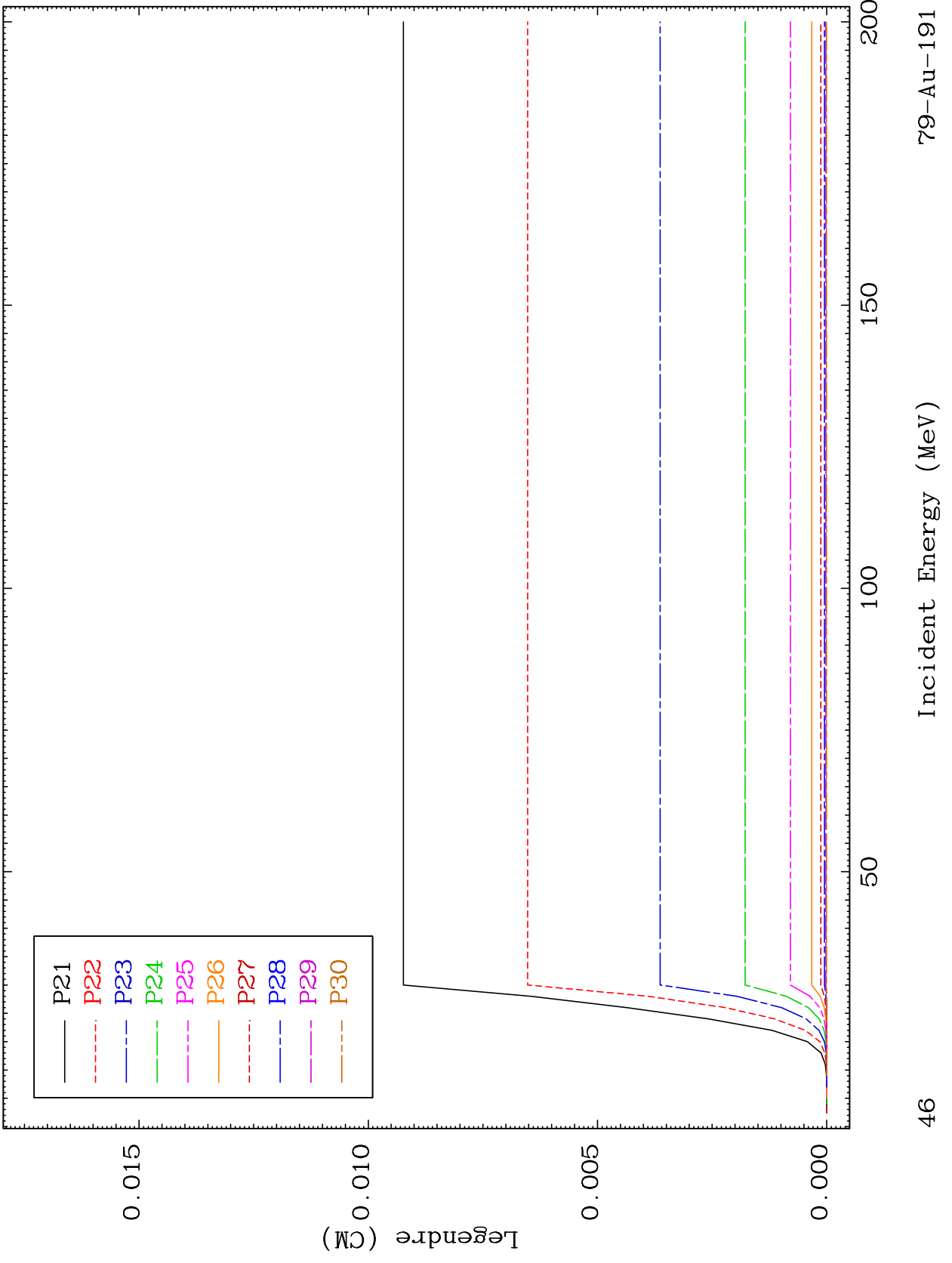
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



46

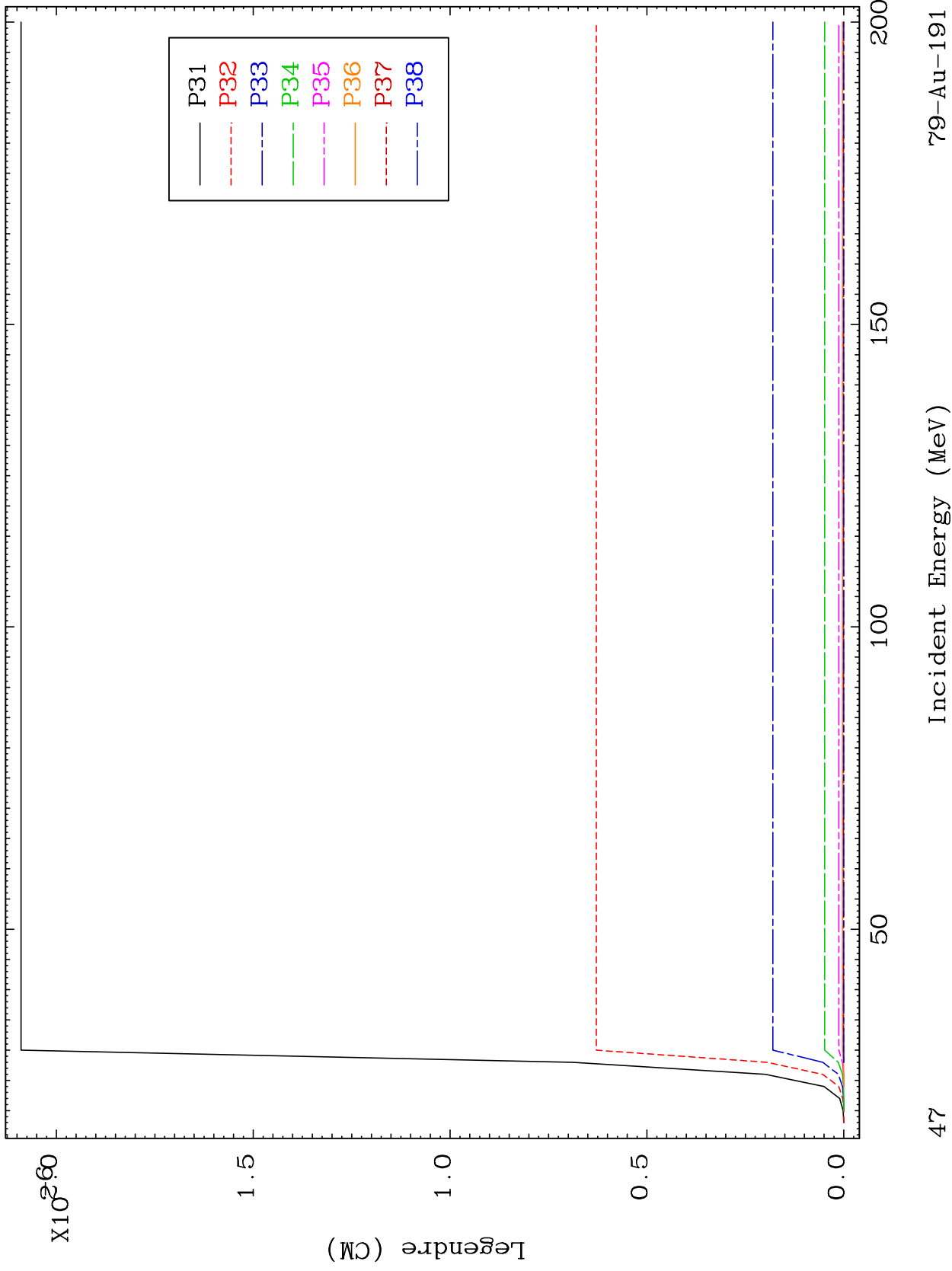
Incident Energy (MeV)

79-Au-191

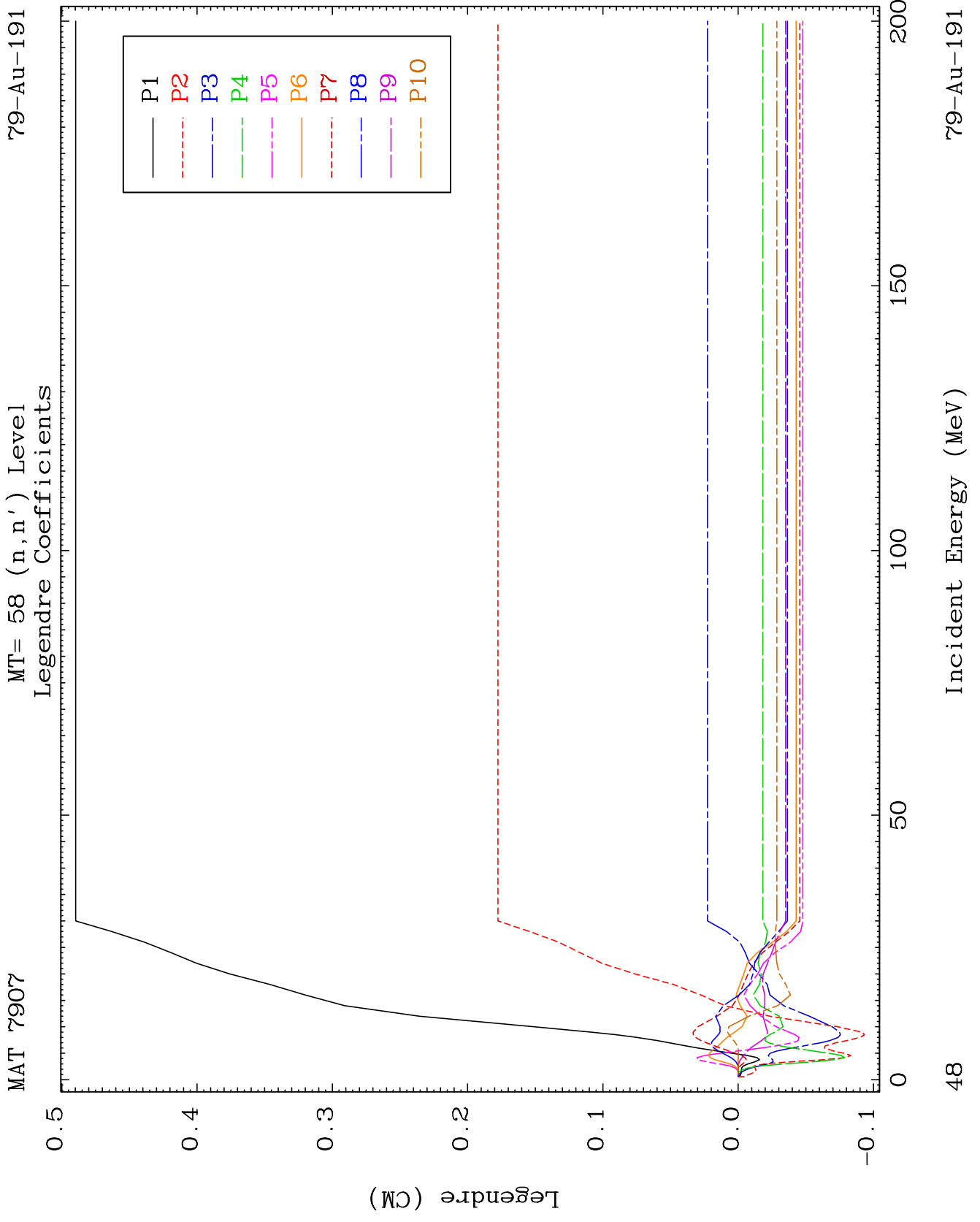
MAT 7907

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

79-Au-191



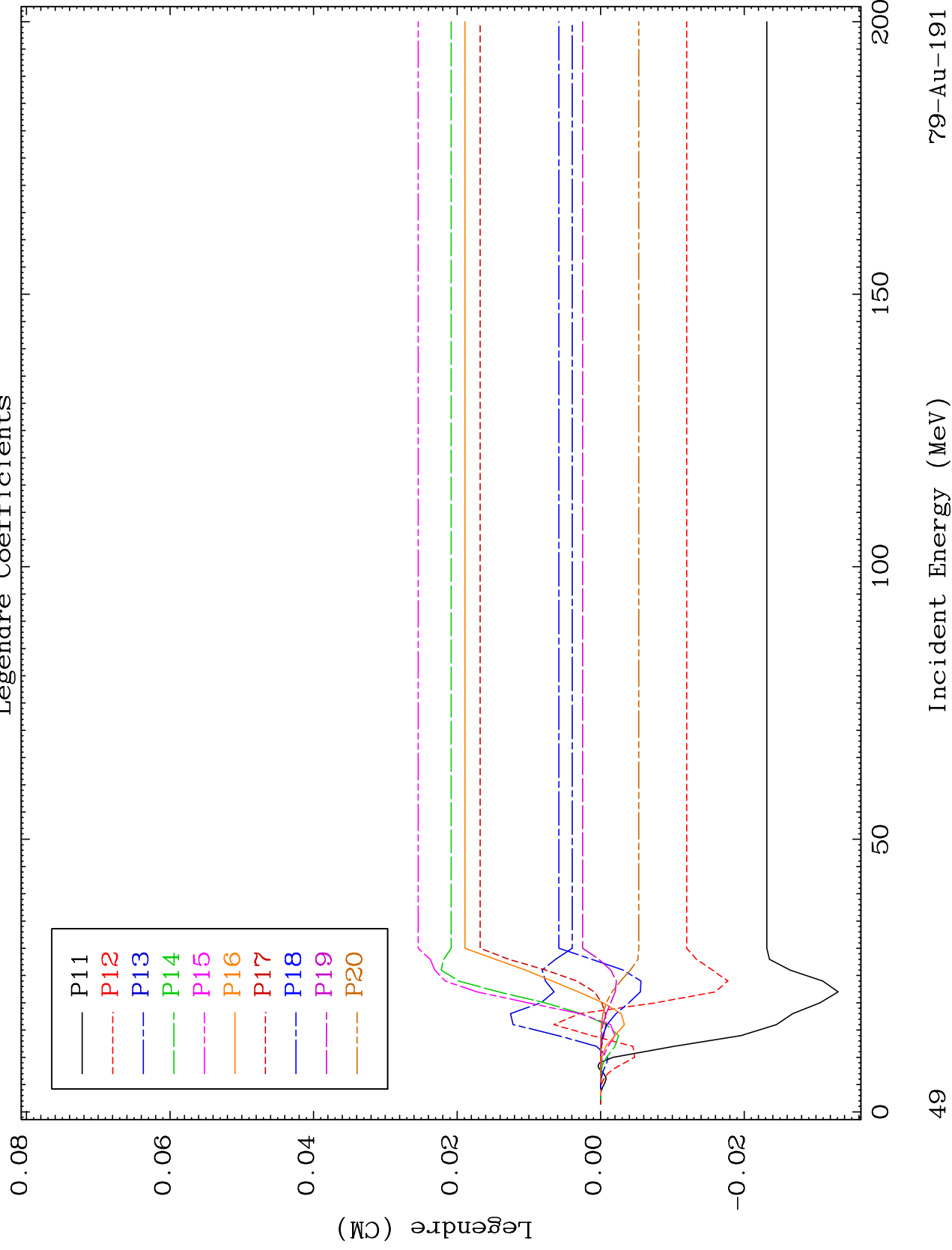




MAT 7907

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

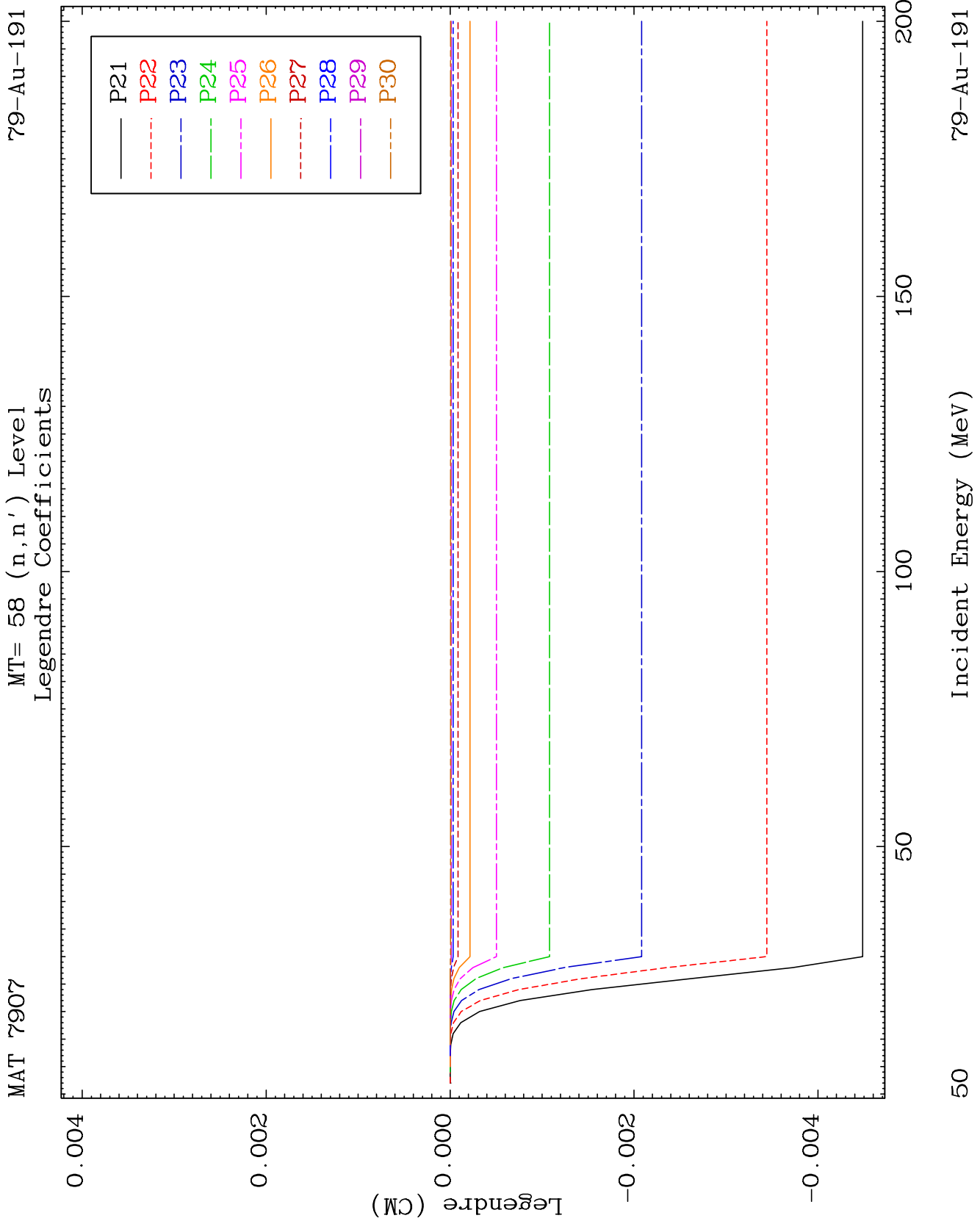
79-Au-191

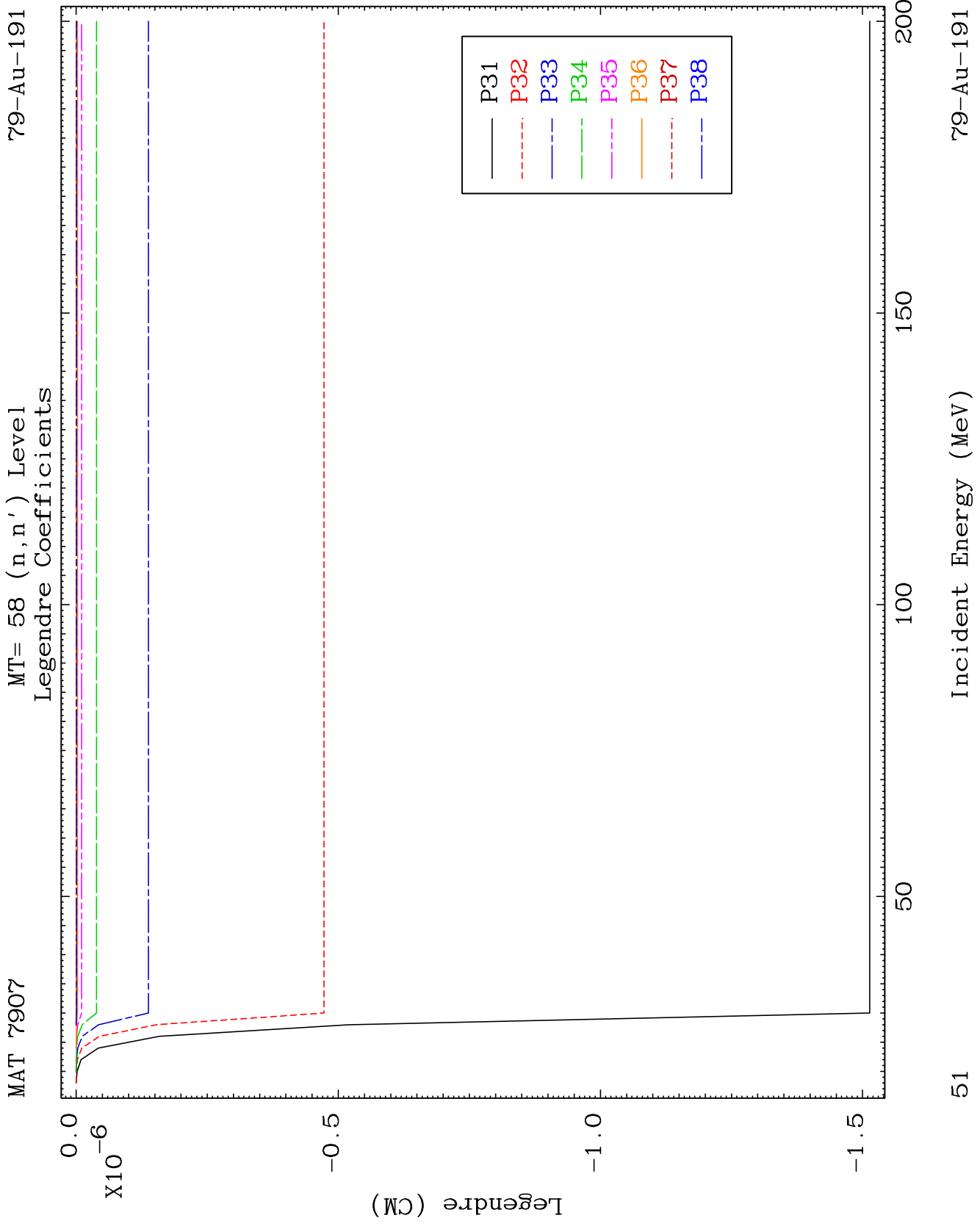


79-Au-191

Incident Energy (MeV)

49

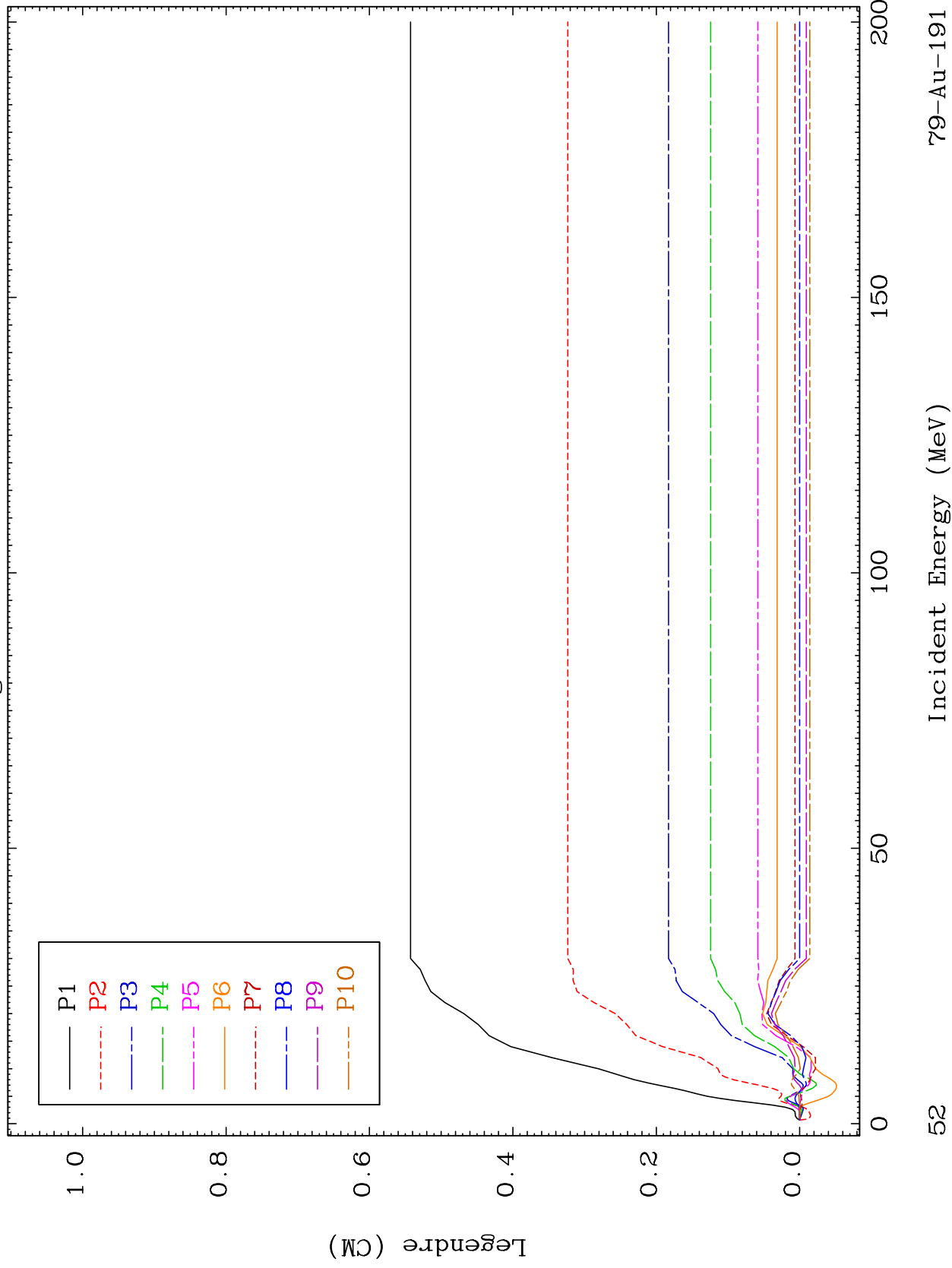




MAT 7907

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

79-Au-191



52

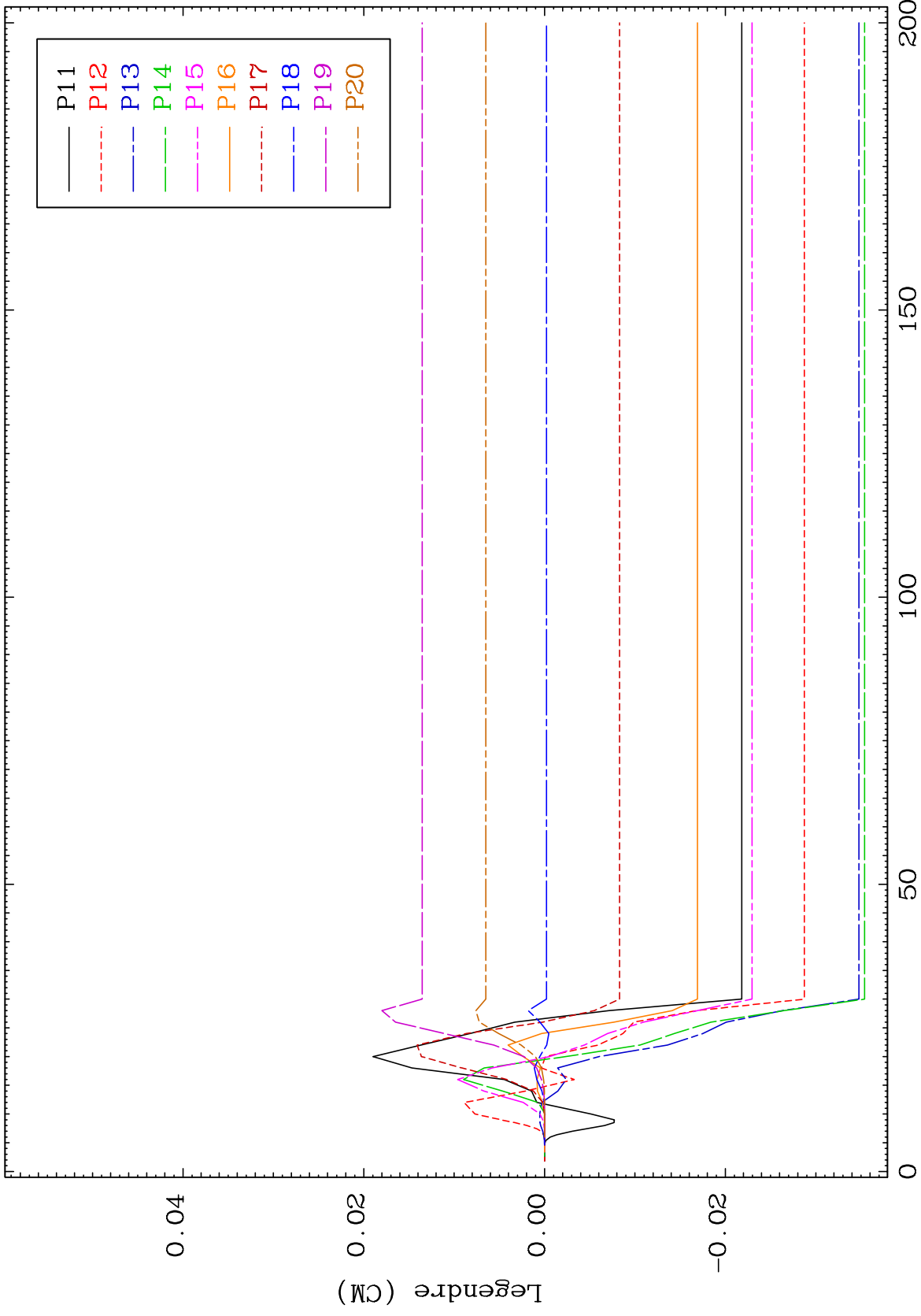
Incident Energy (MeV)

79-Au-191

MAT 7907

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

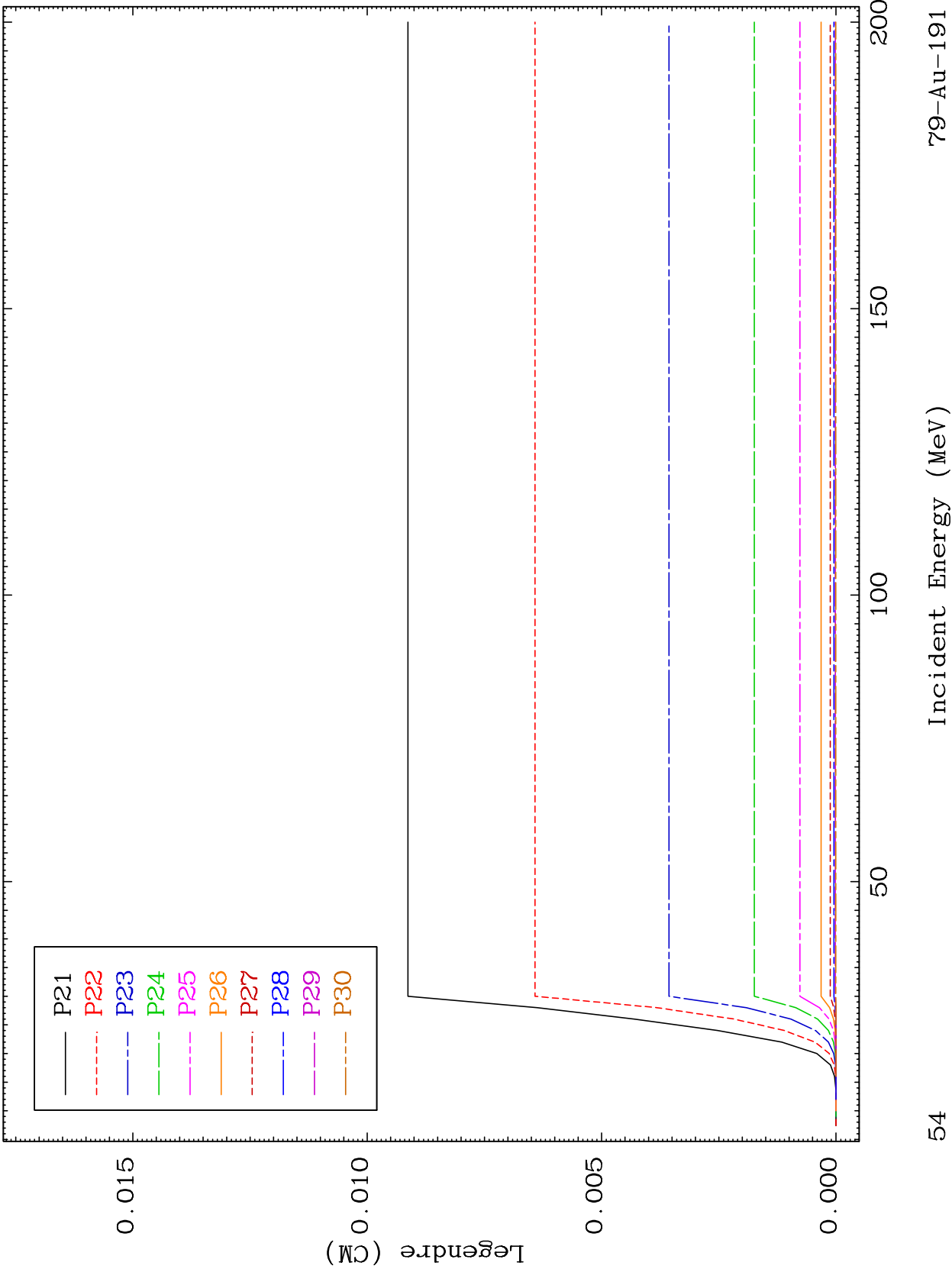
79-Au-191



53

Incident Energy (MeV)

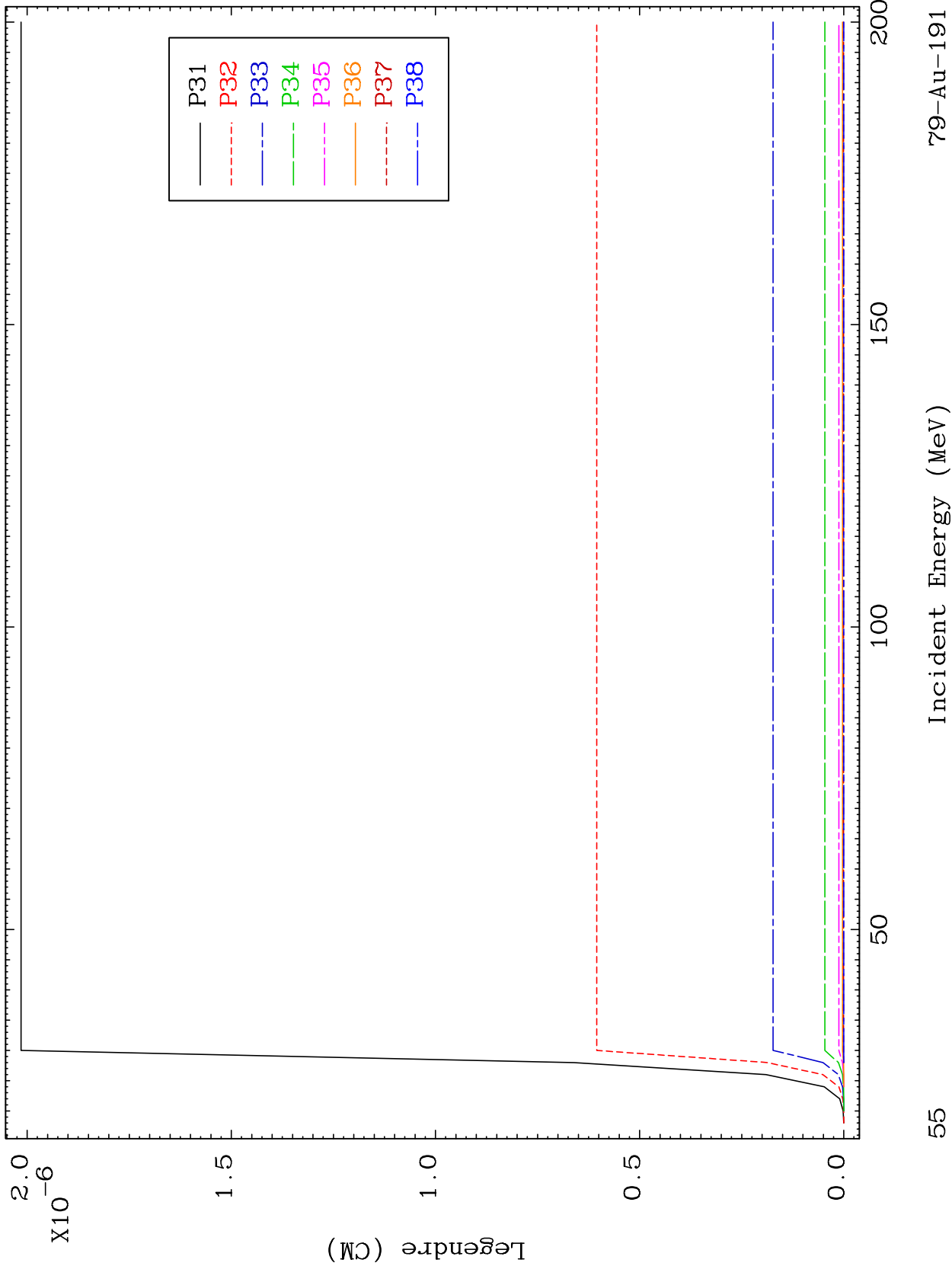
79-Au-191



MAT 7907

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

79-Au-191

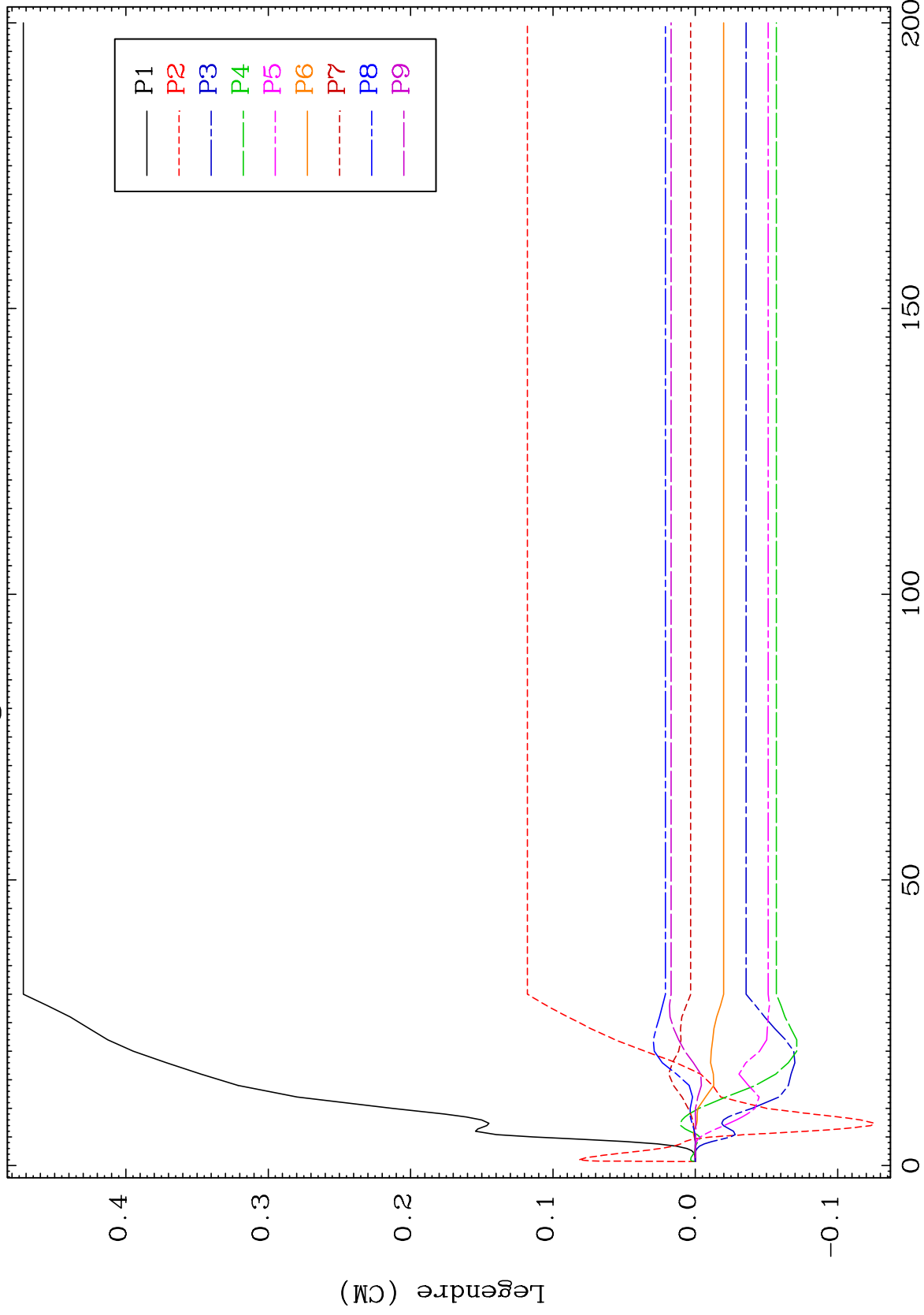




MAT 7907

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

79-Au-191



56

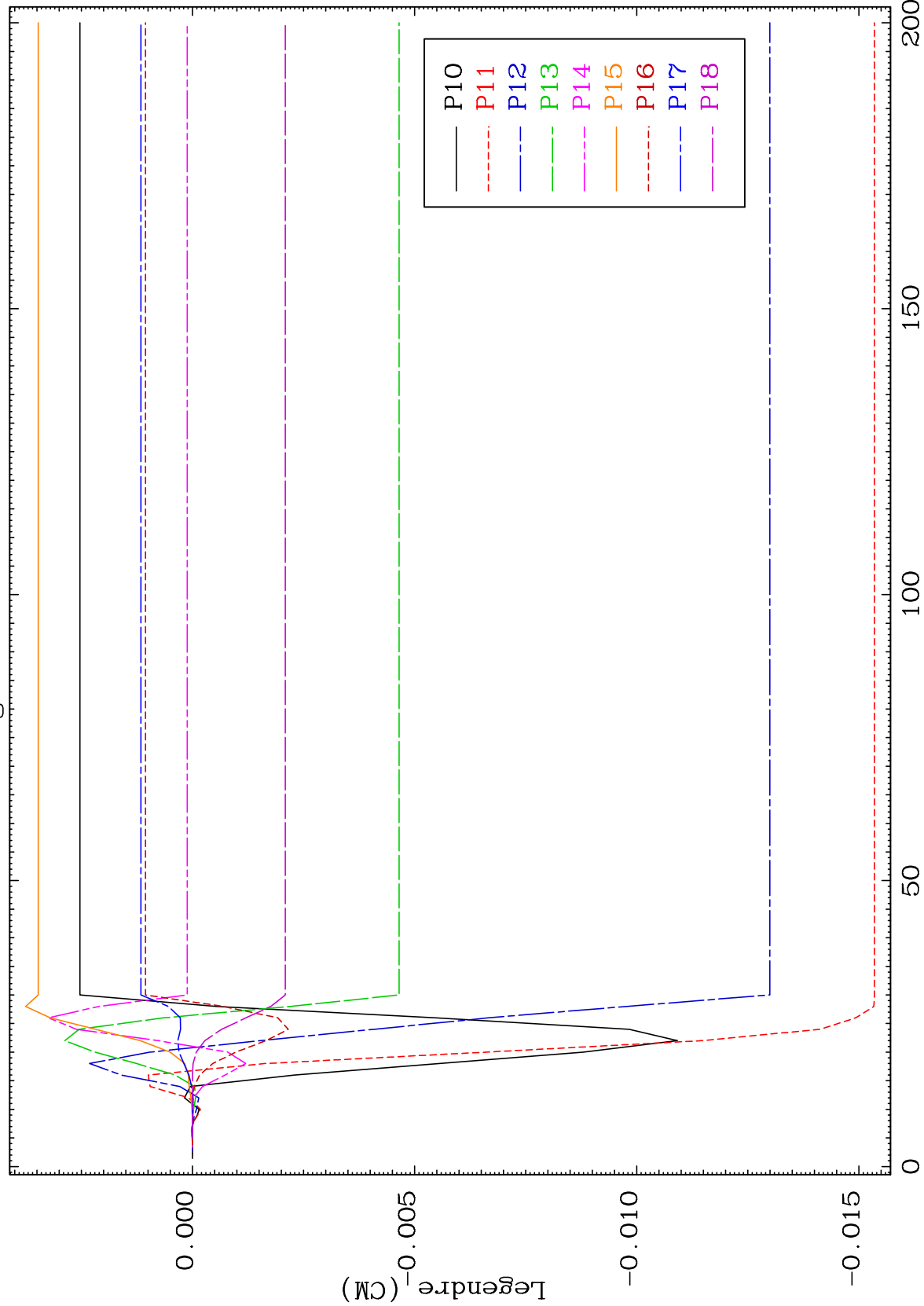
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



57

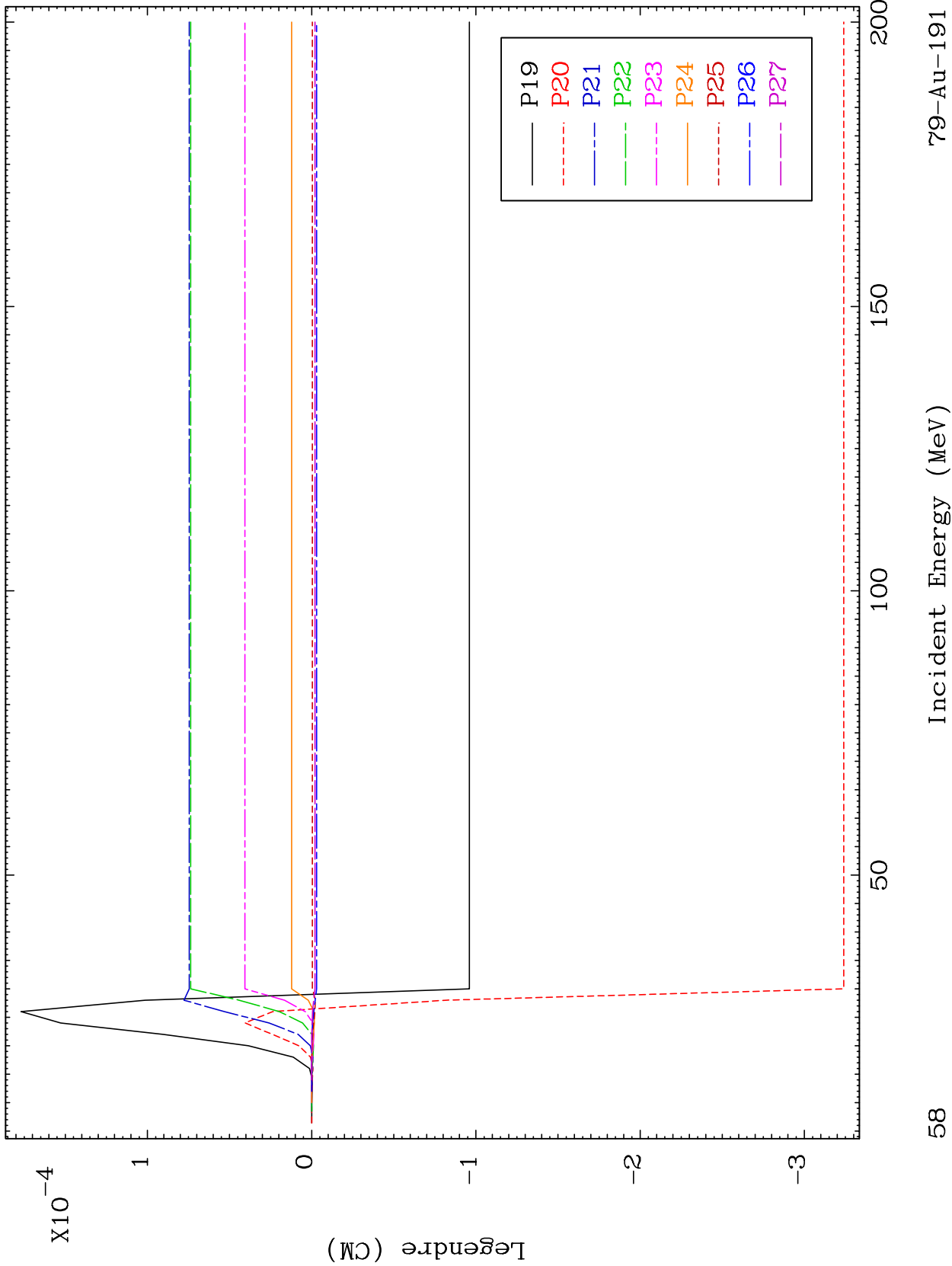
Incident Energy (MeV)

79-Au-191

MAT 7907

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

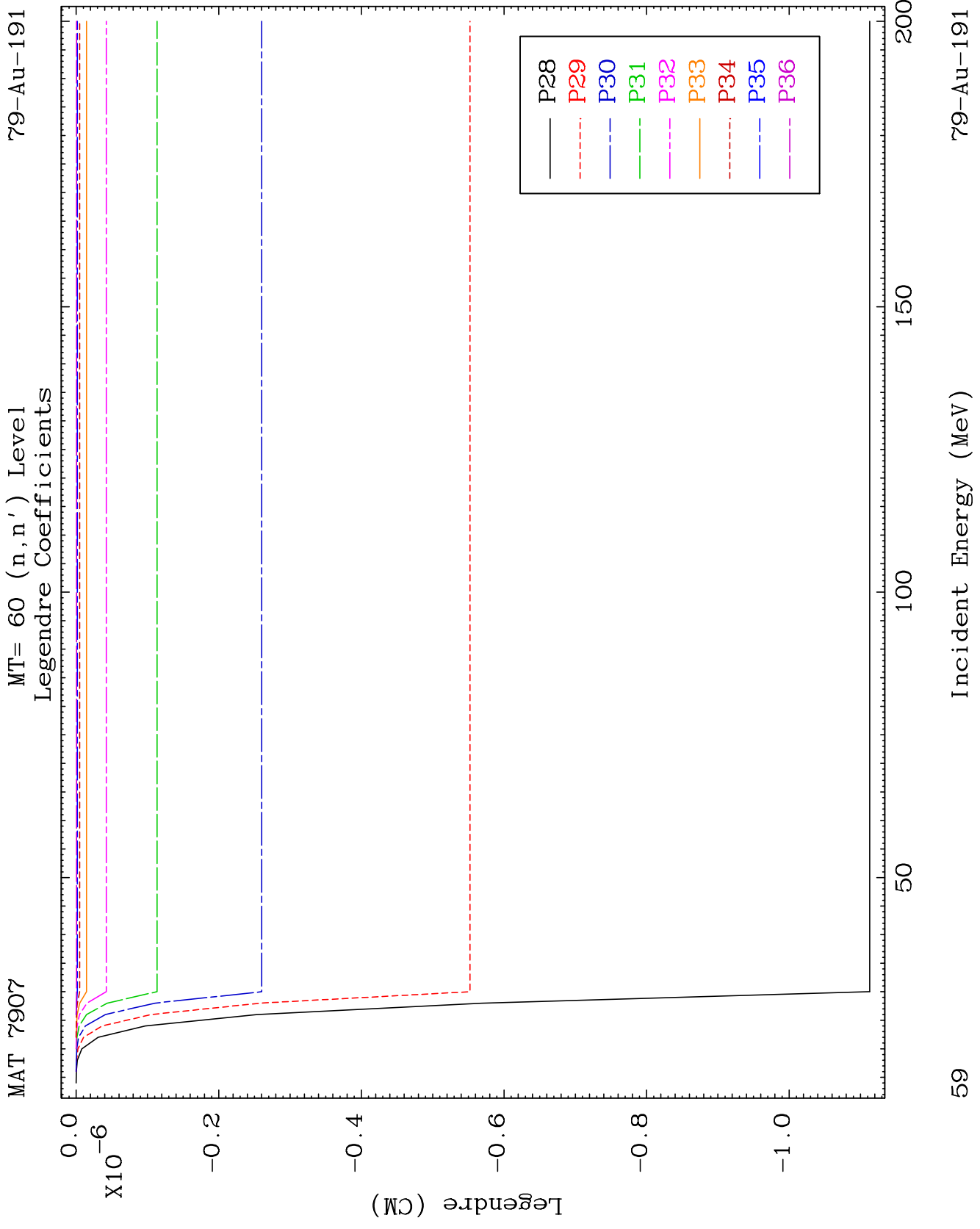
79-Au-191

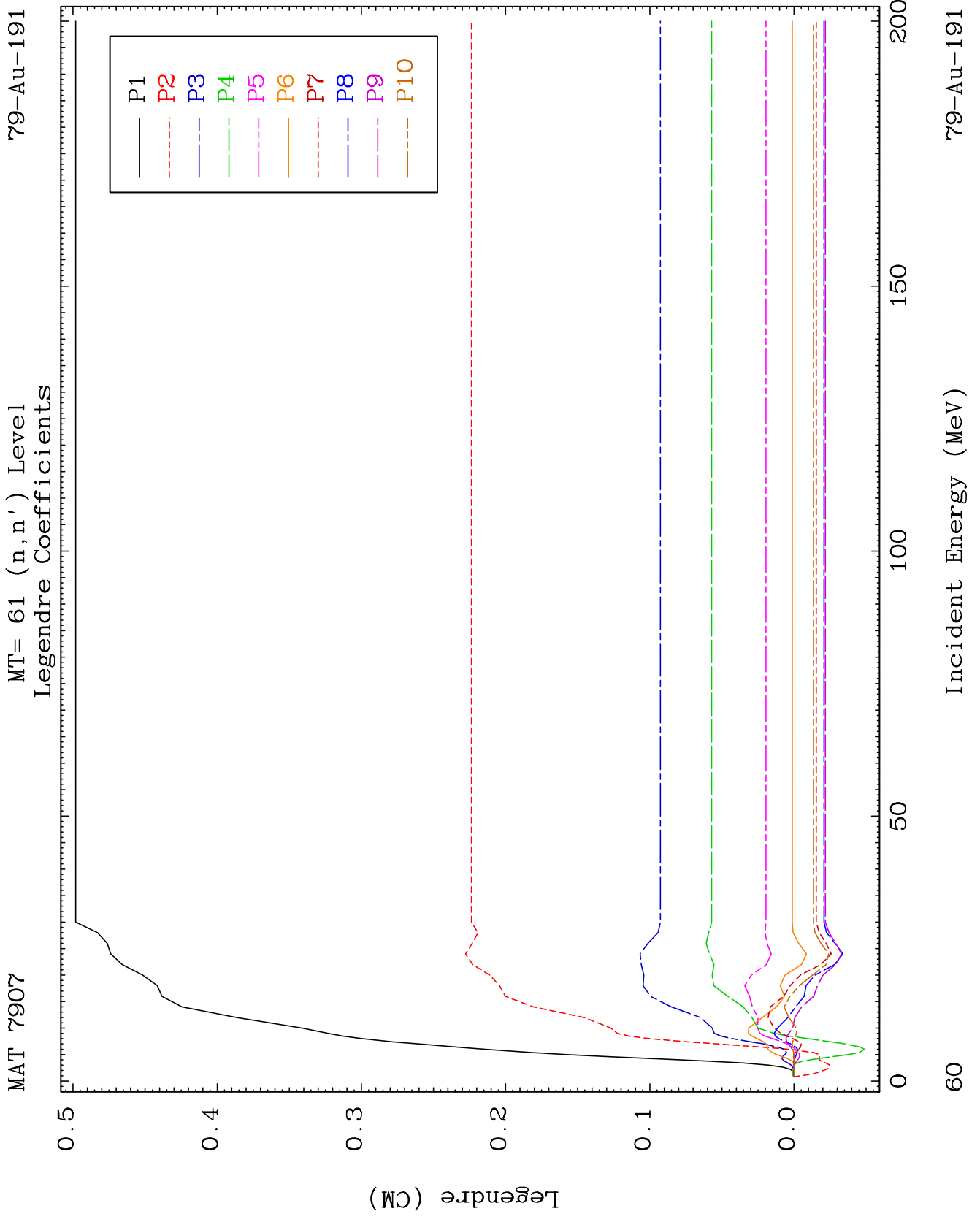


58

Incident Energy (MeV)

79-Au-191

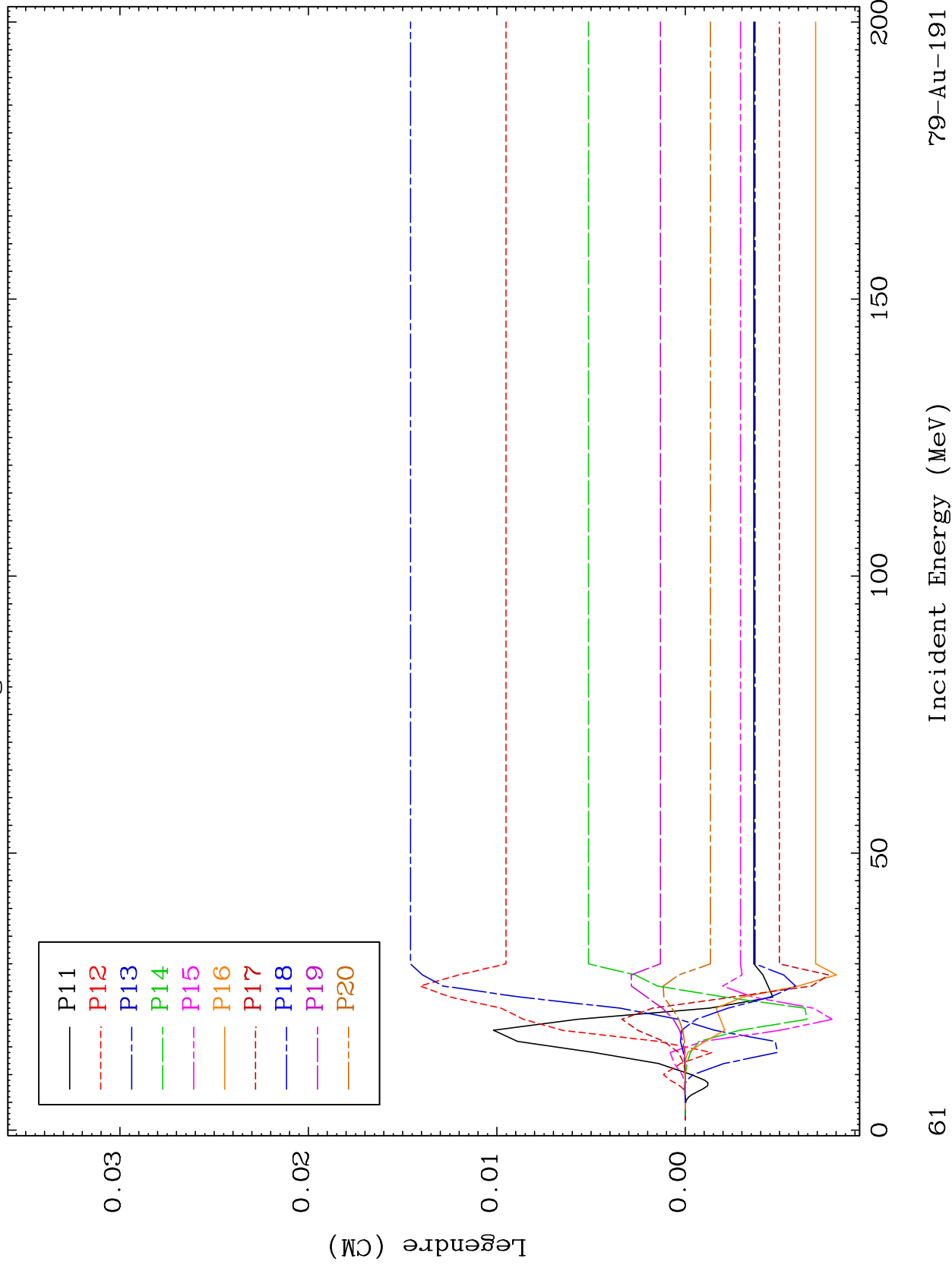


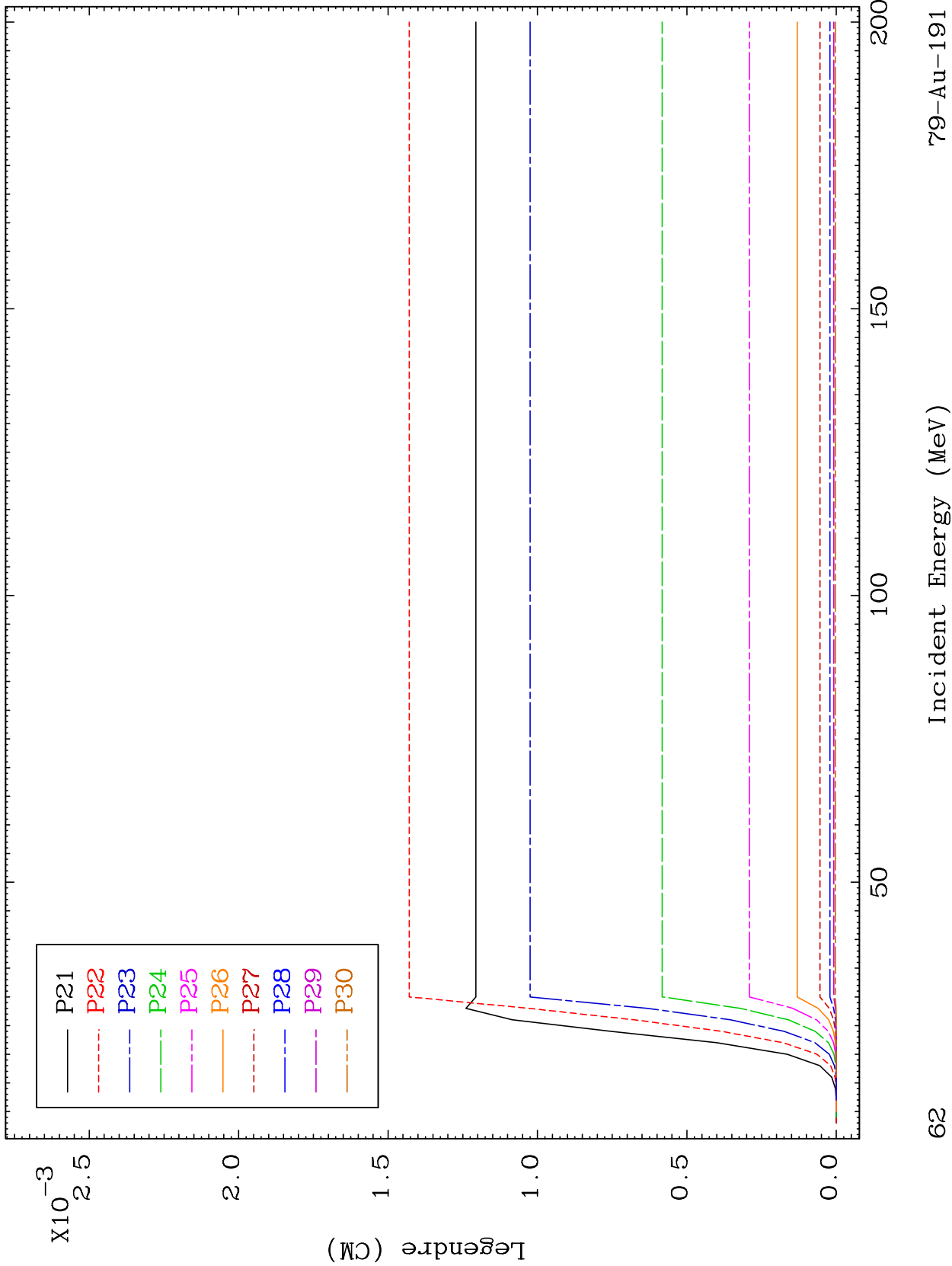


MAT 7907

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

79-Au-191

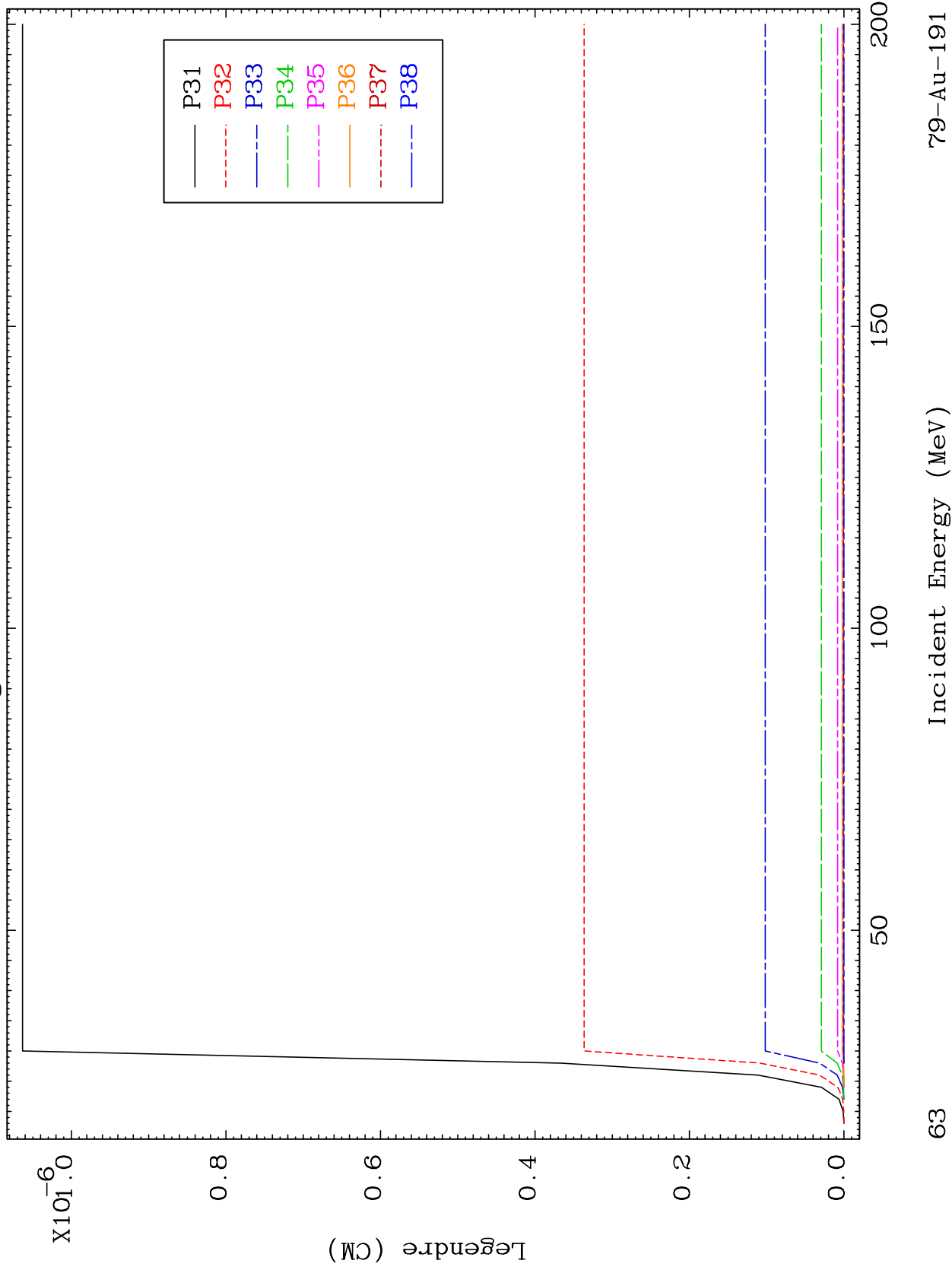




MAT 7907

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

79-Au-191

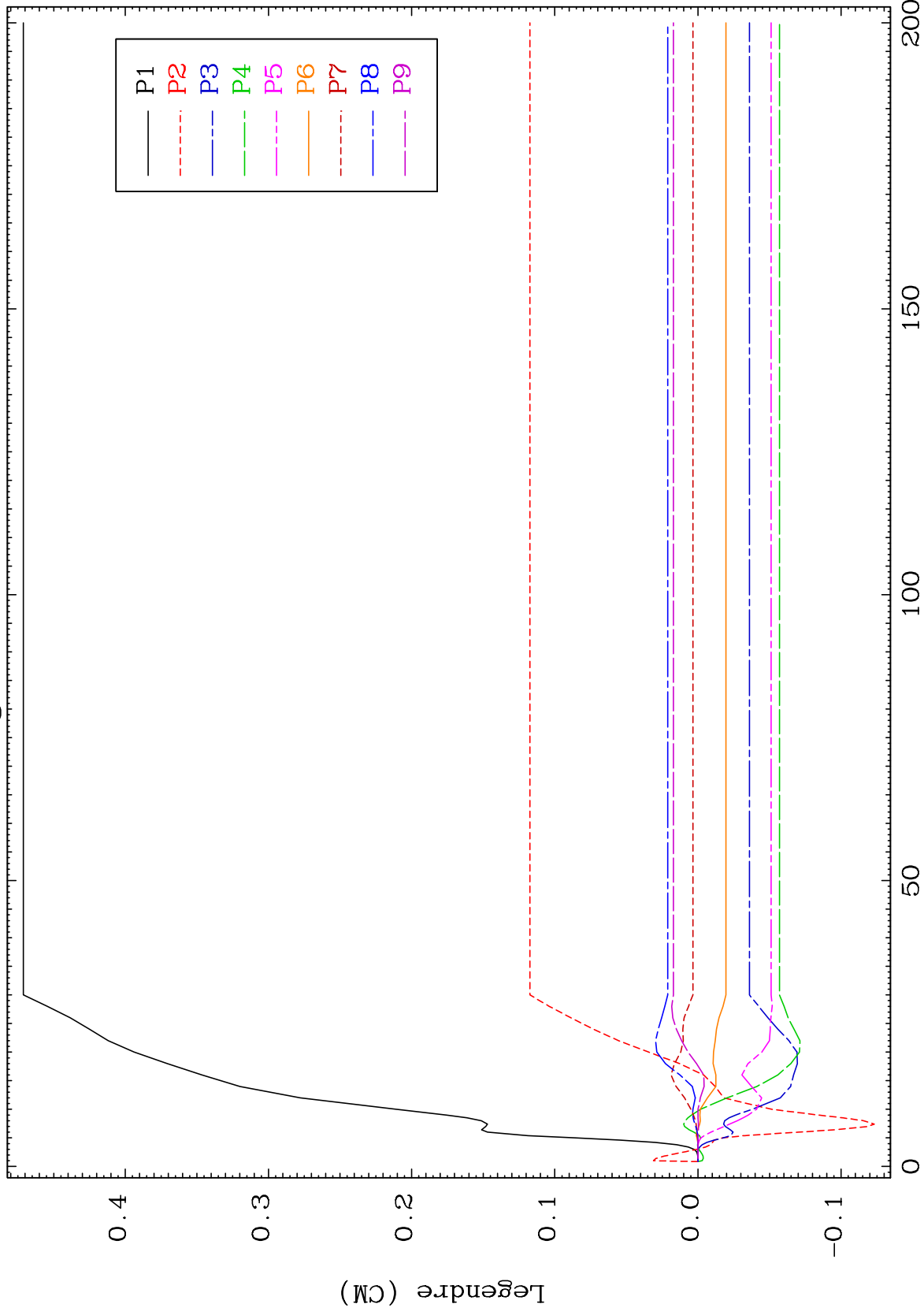




MAT 7907

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

79-Au-191



79-Au-191

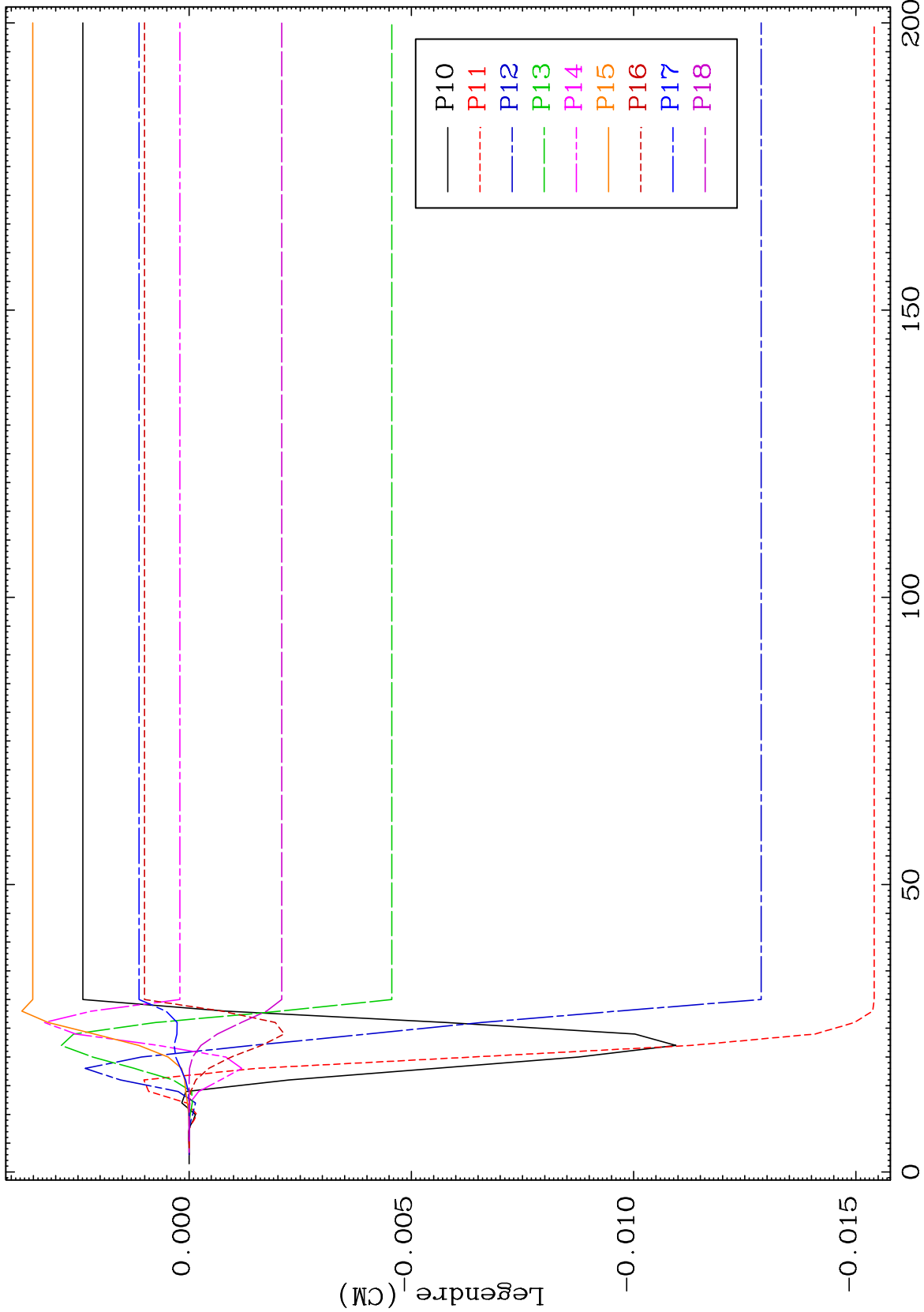
Incident Energy (MeV)

64

MAT 7907

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

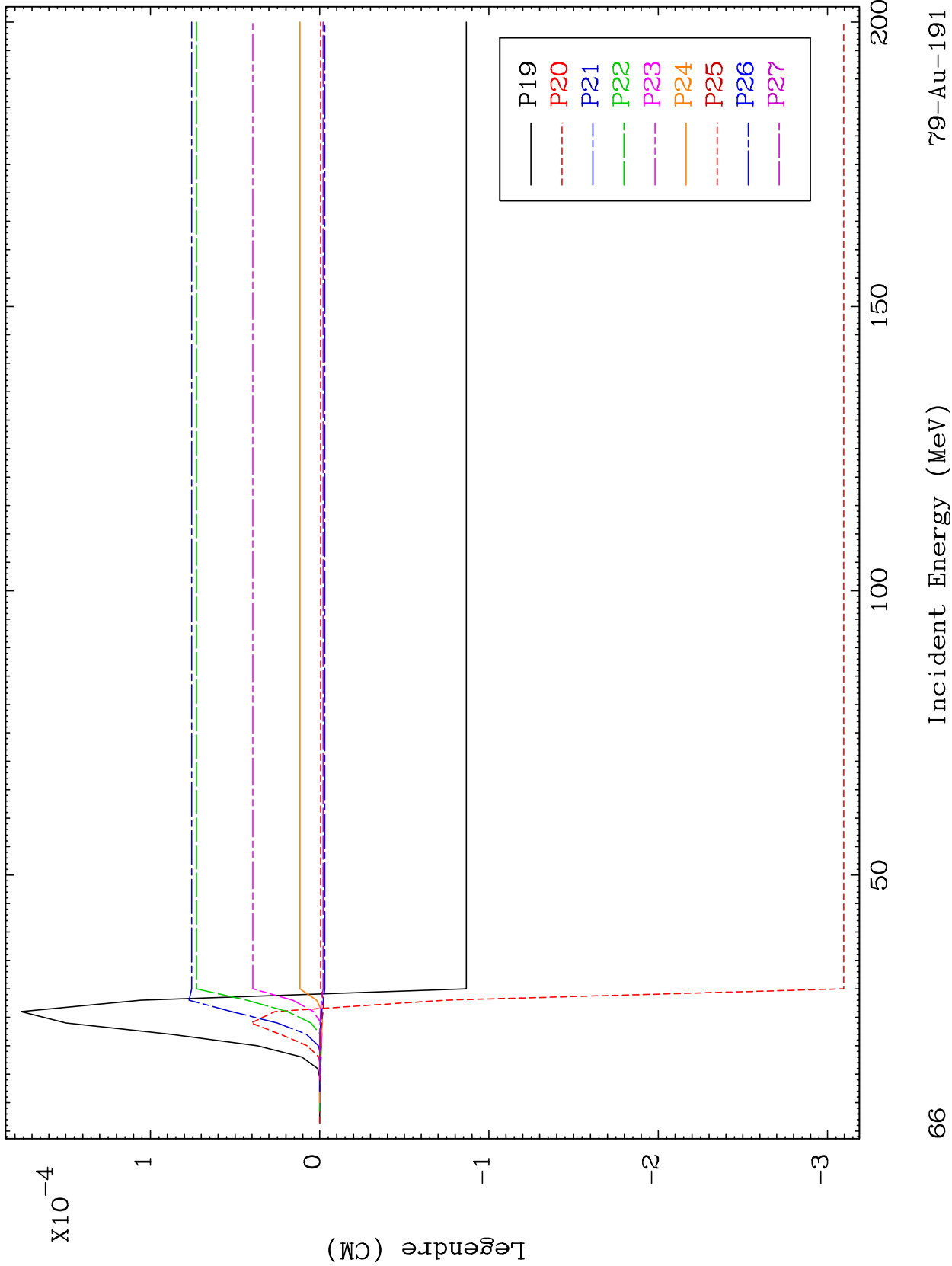
79-Au-191

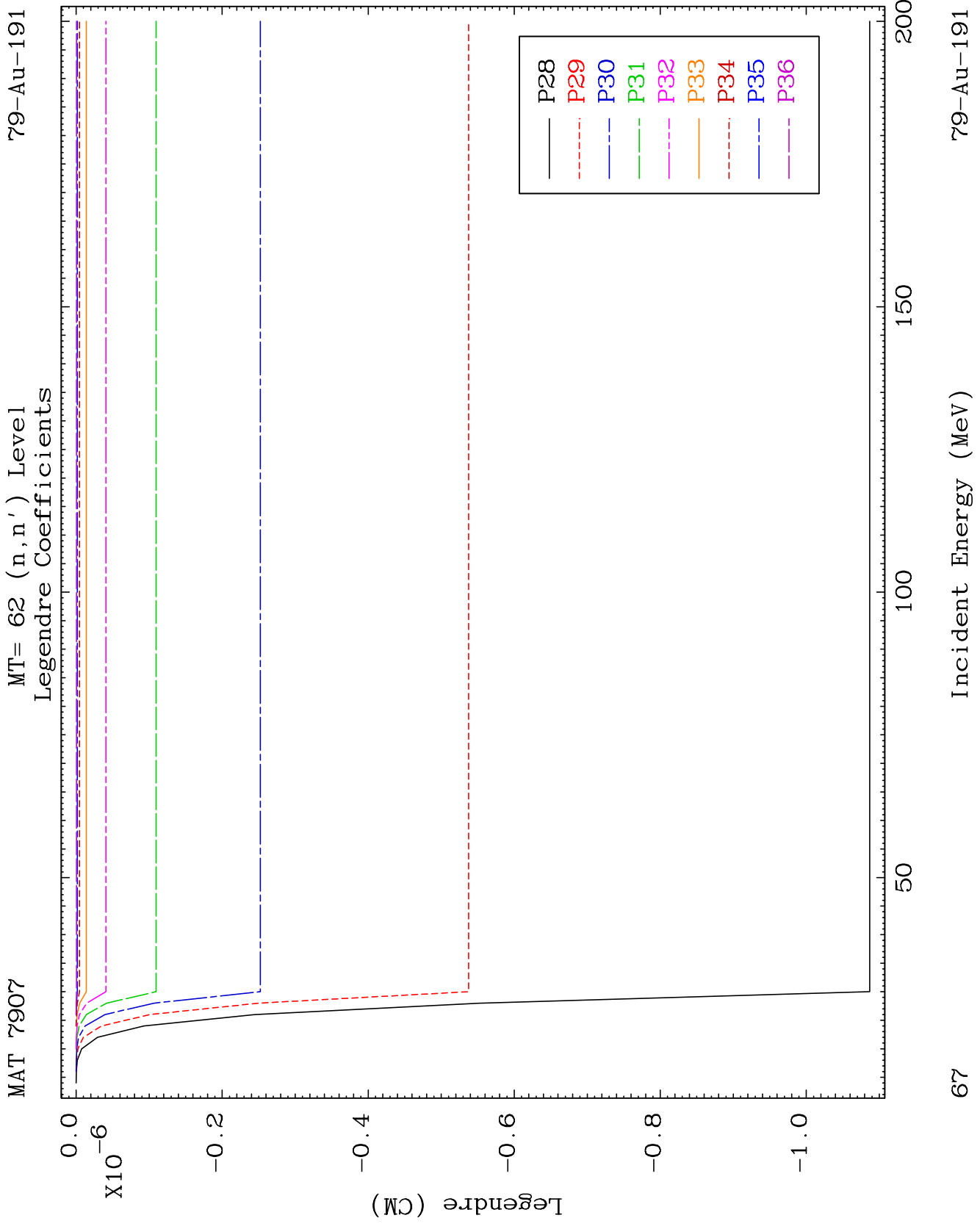


65

Incident Energy (MeV)

79-Au-191

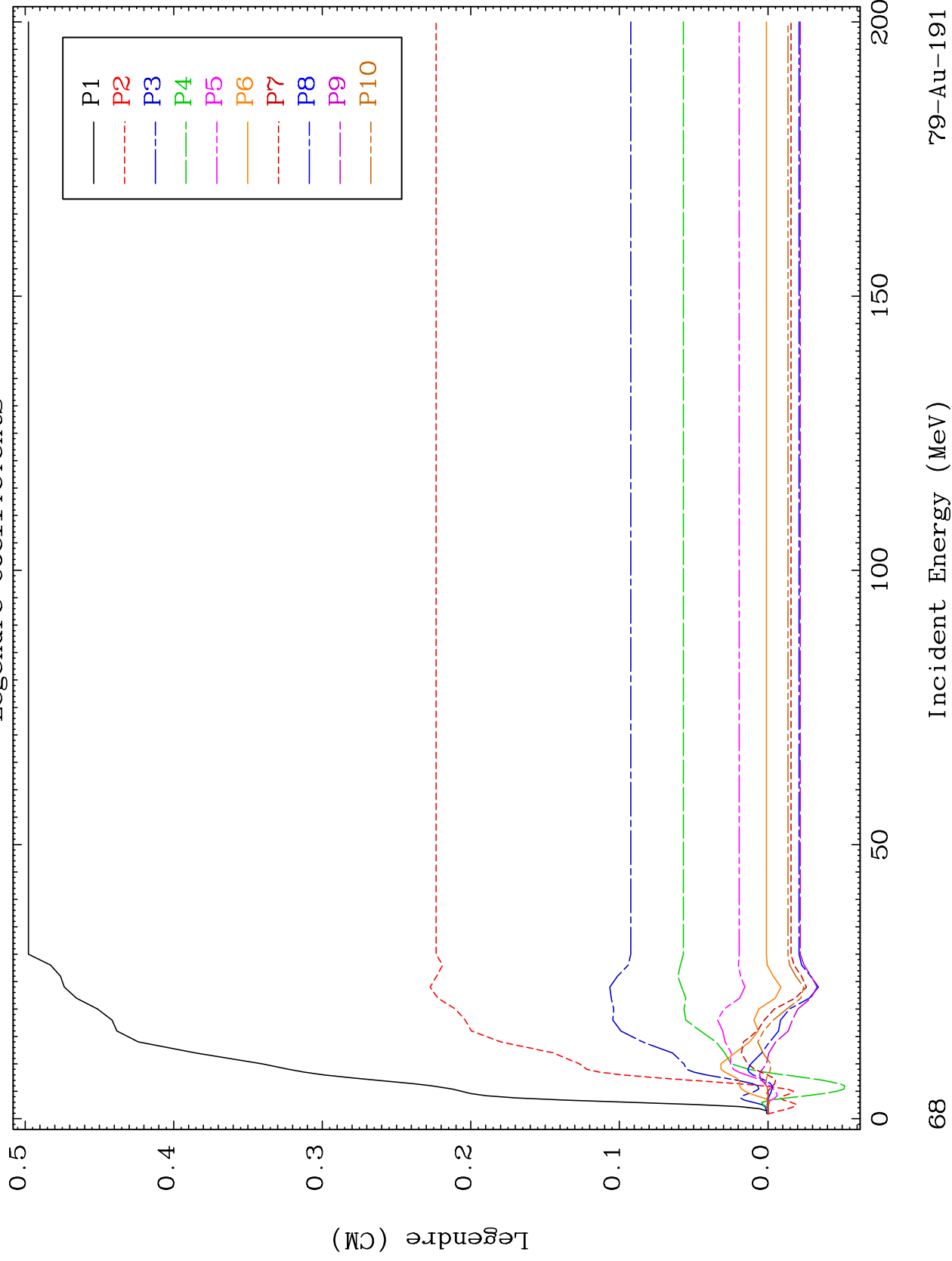




MAT 7907

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

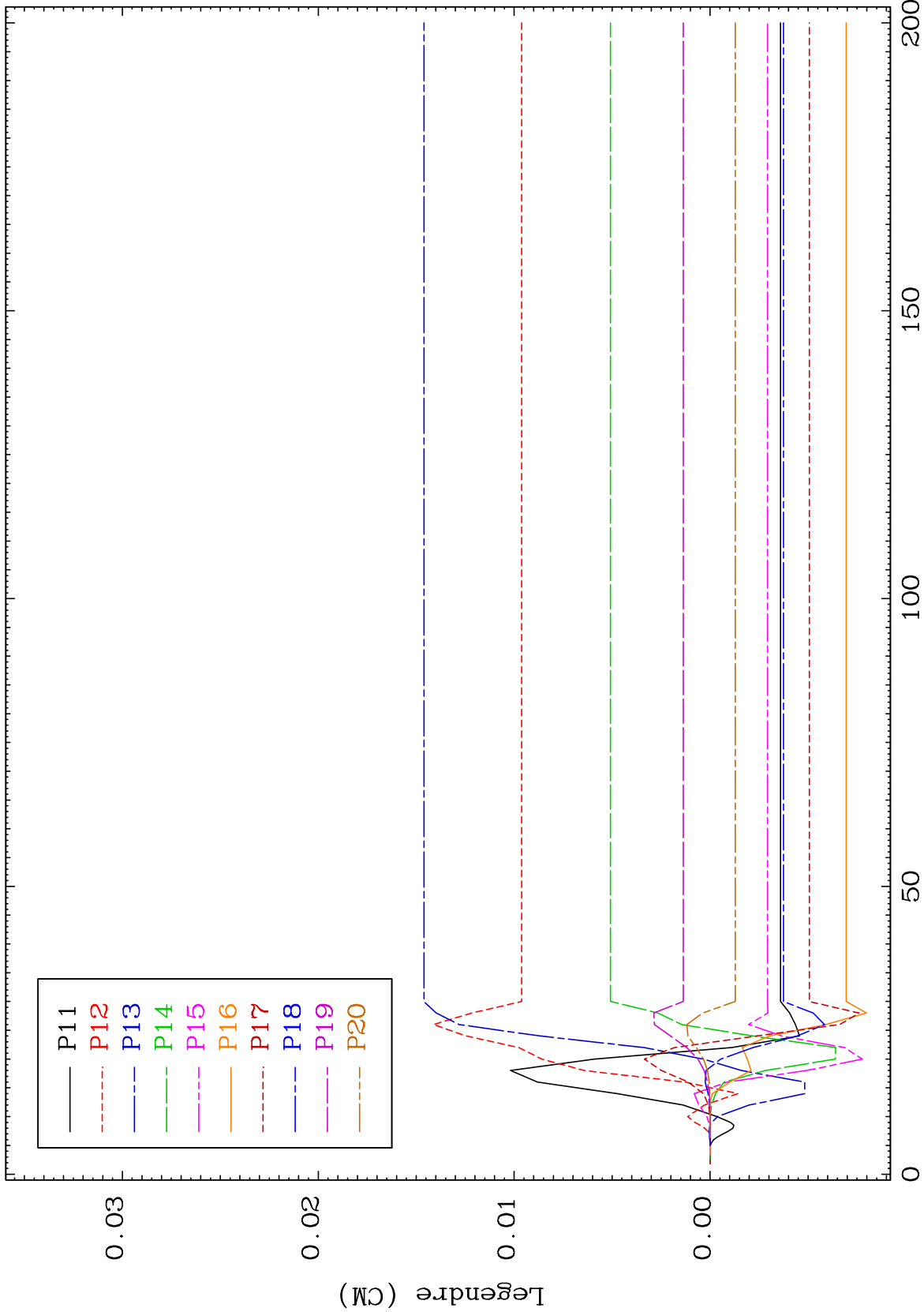
79-Au-191



MAT 7907

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

79-Au-191



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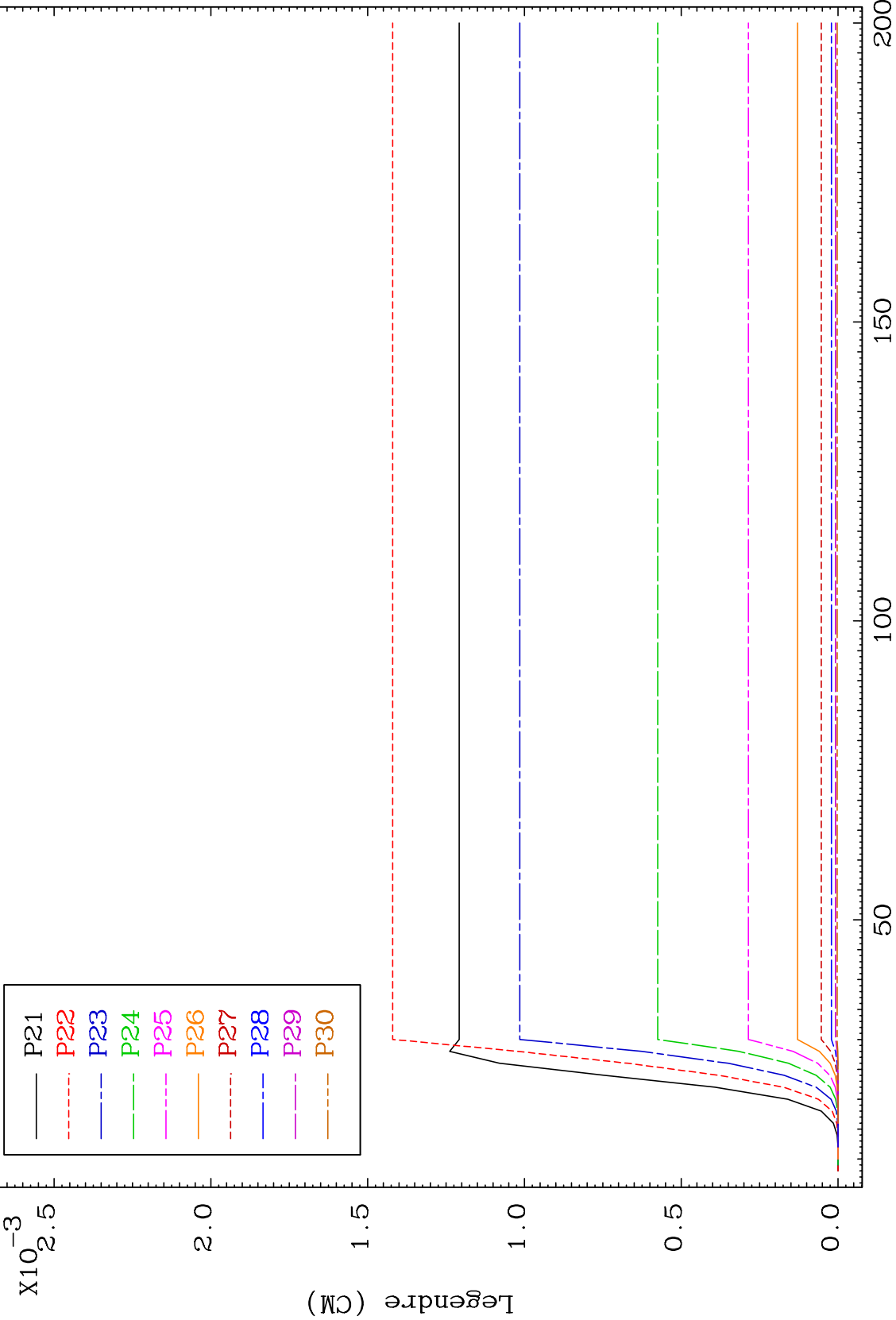
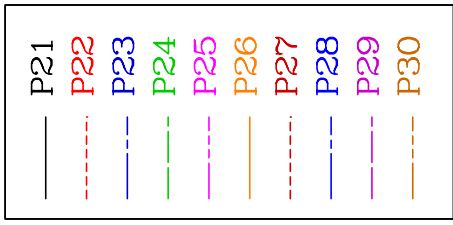
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



70

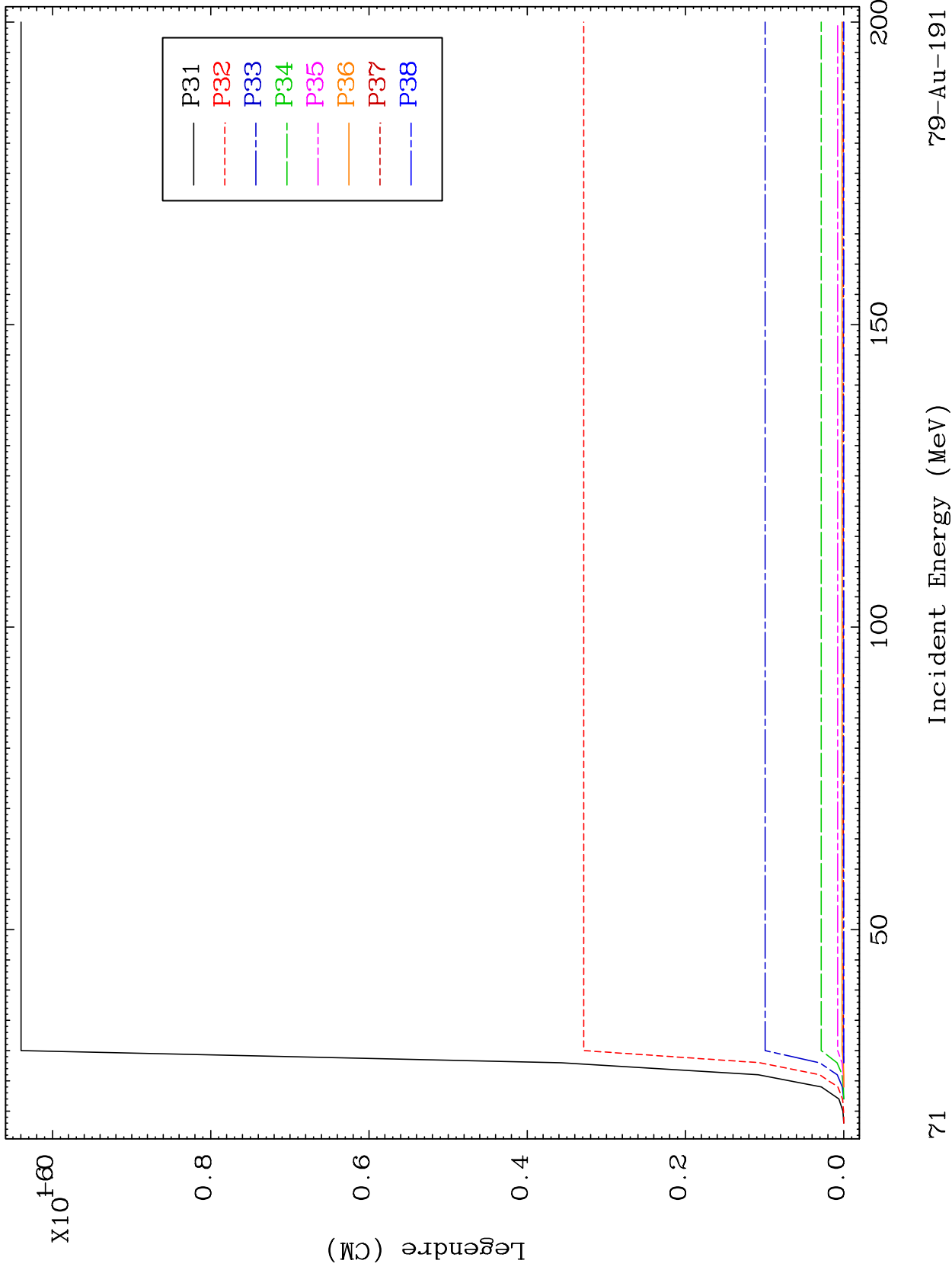
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



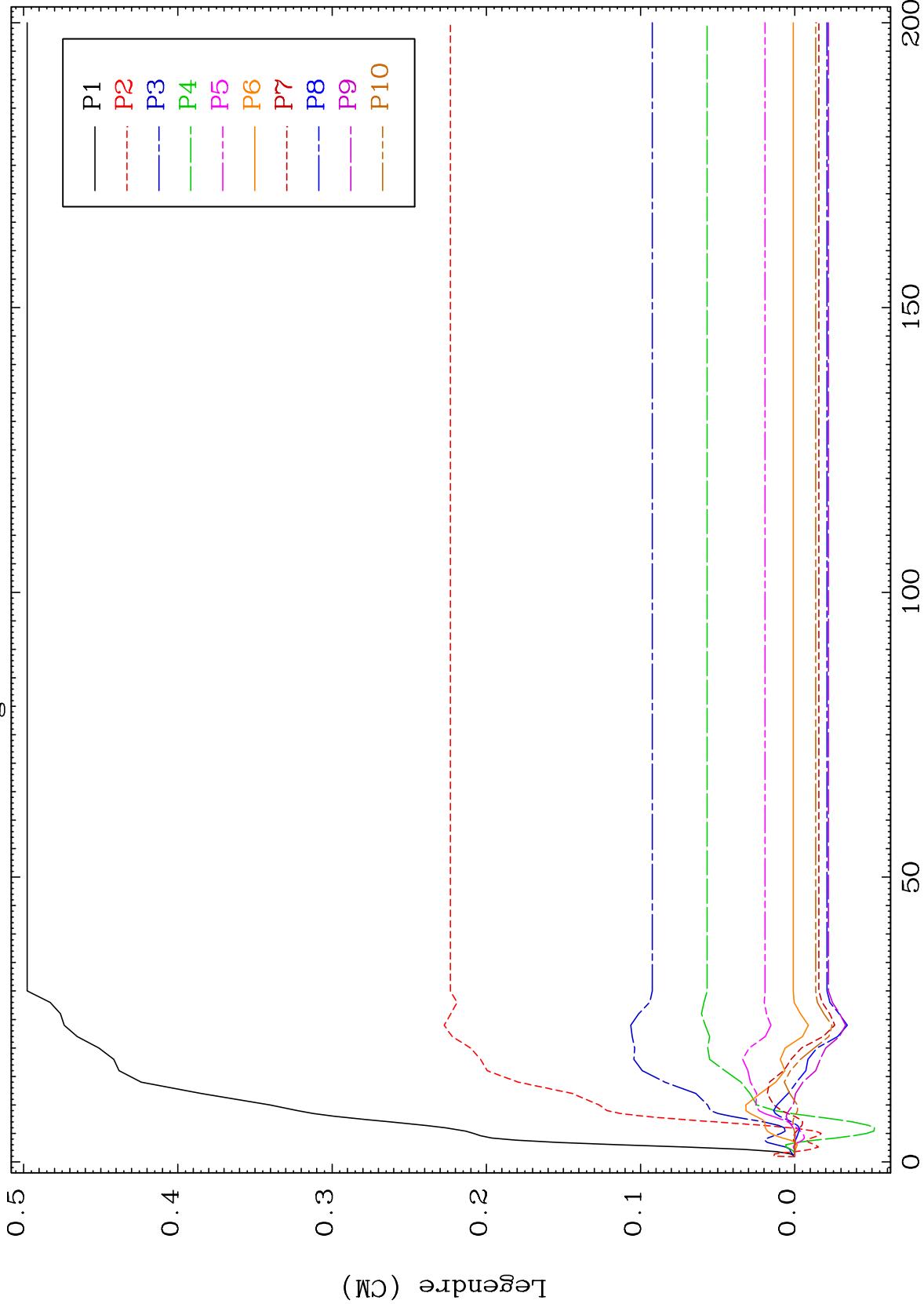


MAT 7907

MT= 64 (n,n') Level

79-Au-191

Legendre Coefficients



72

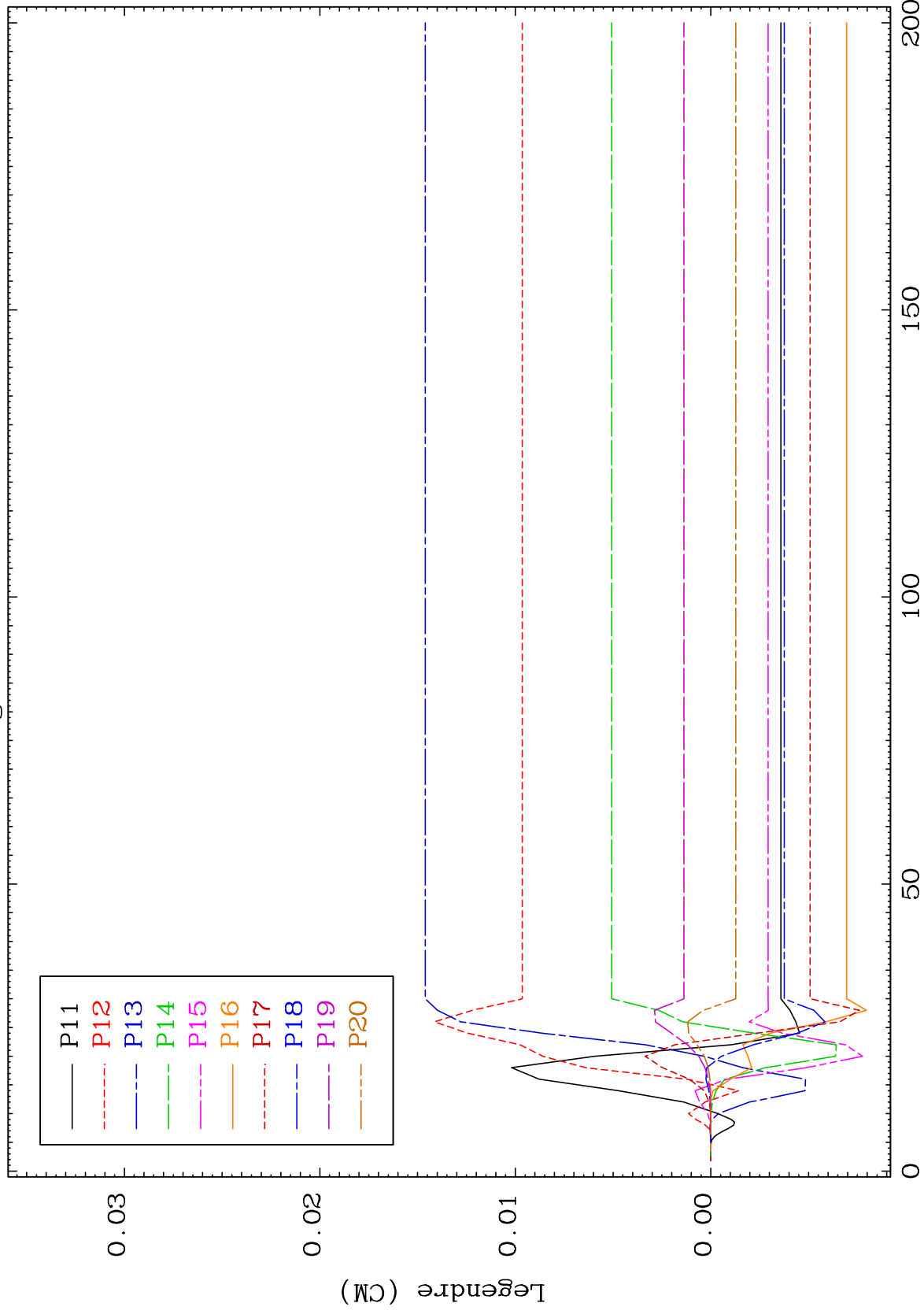
Incident Energy (MeV)

79-Au-191

MAT 7907

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

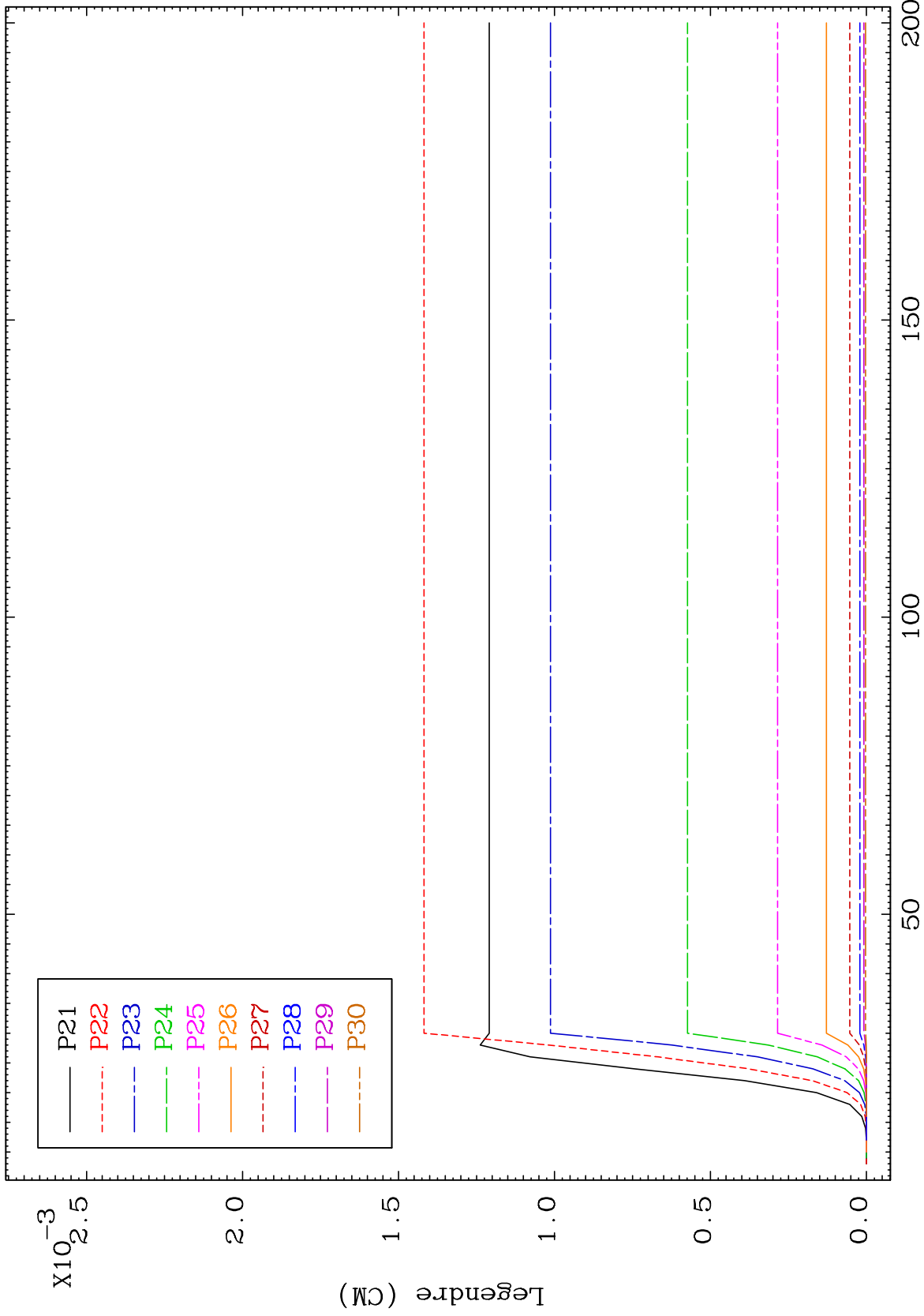
79-Au-191



73

Incident Energy (MeV)

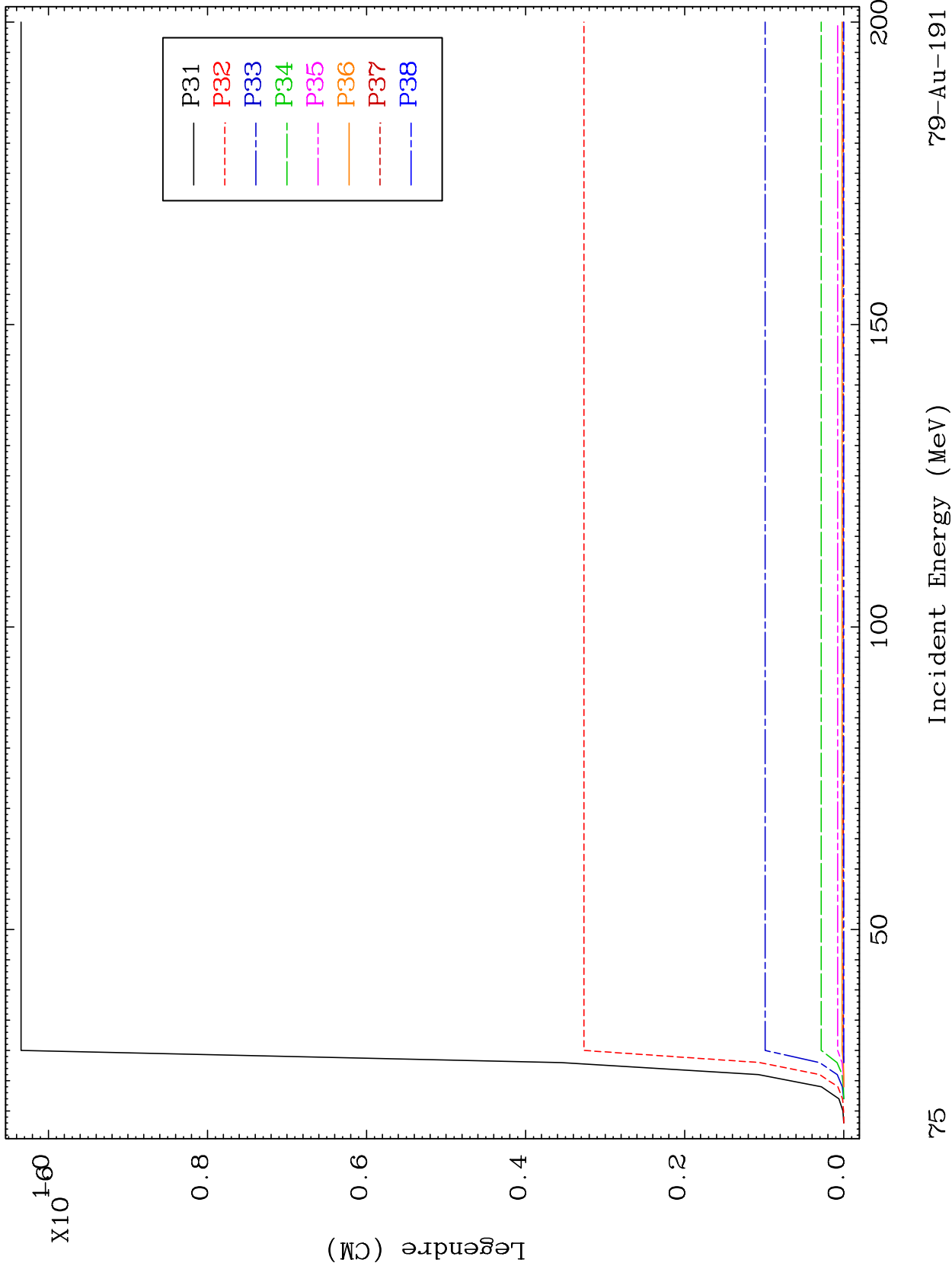
79-Au-191



MAT 7907

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

79-Au-191



75

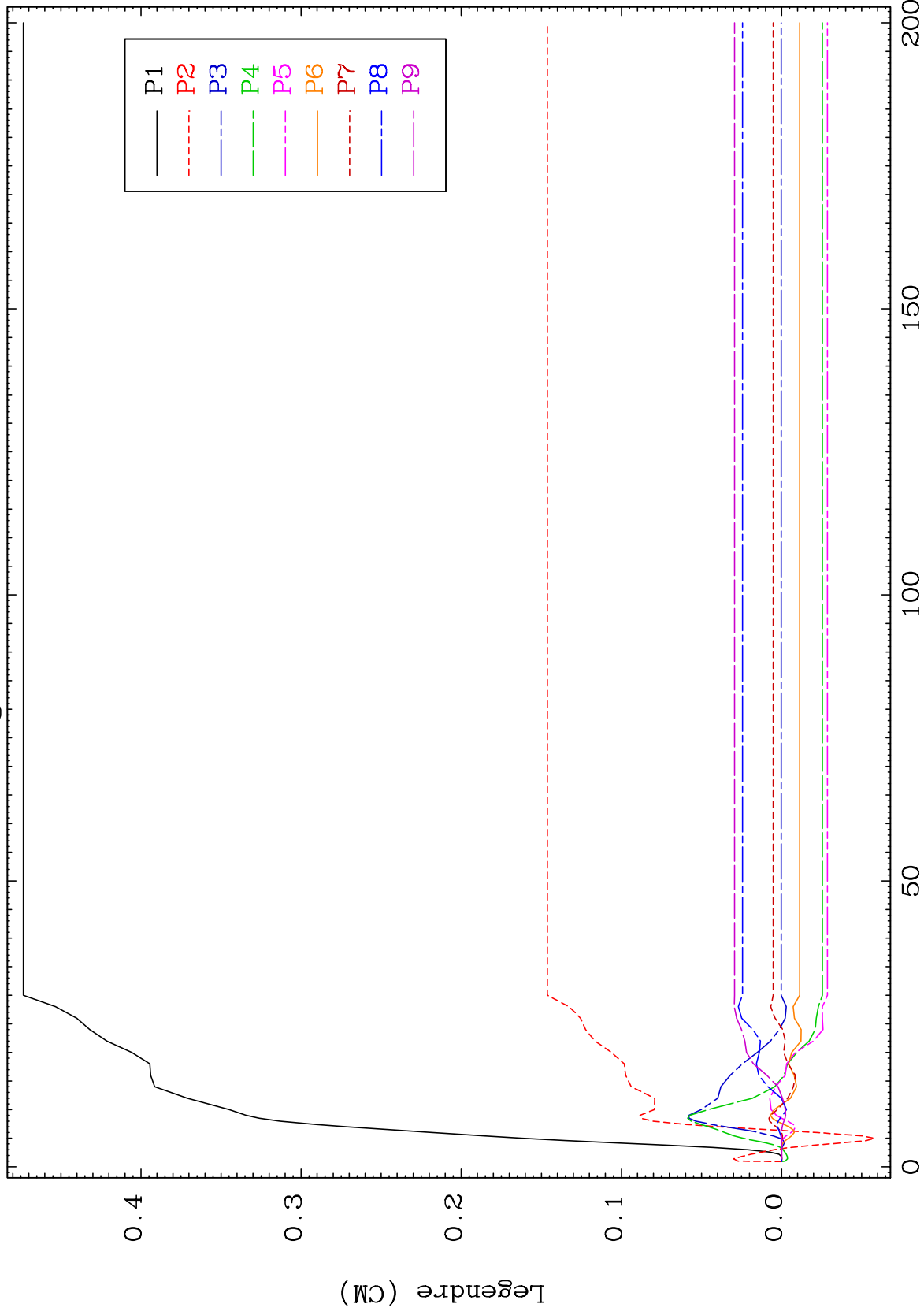
Incident Energy (MeV)

79-Au-191

MAT 7907

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

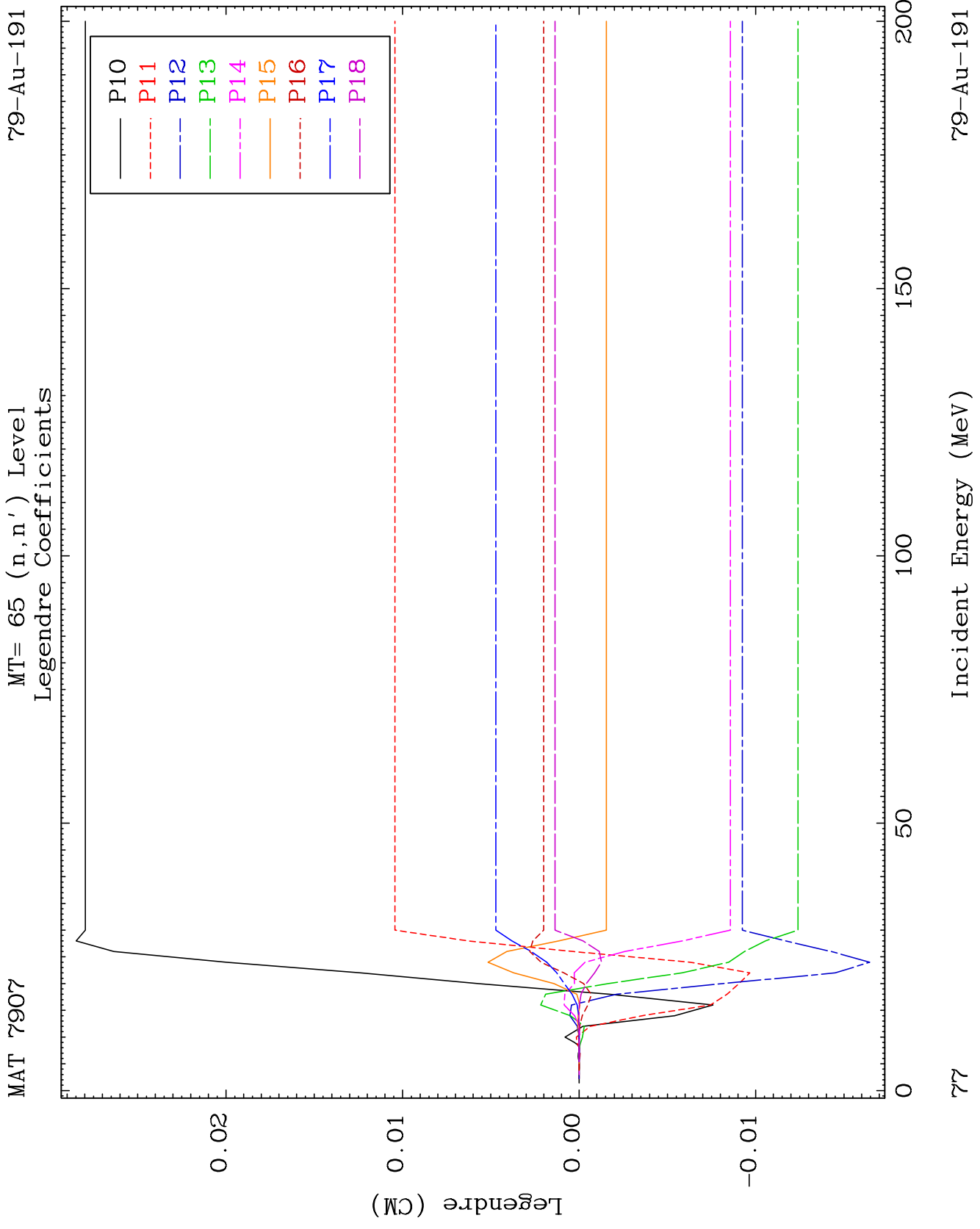
79-Au-191



76

Incident Energy (MeV)

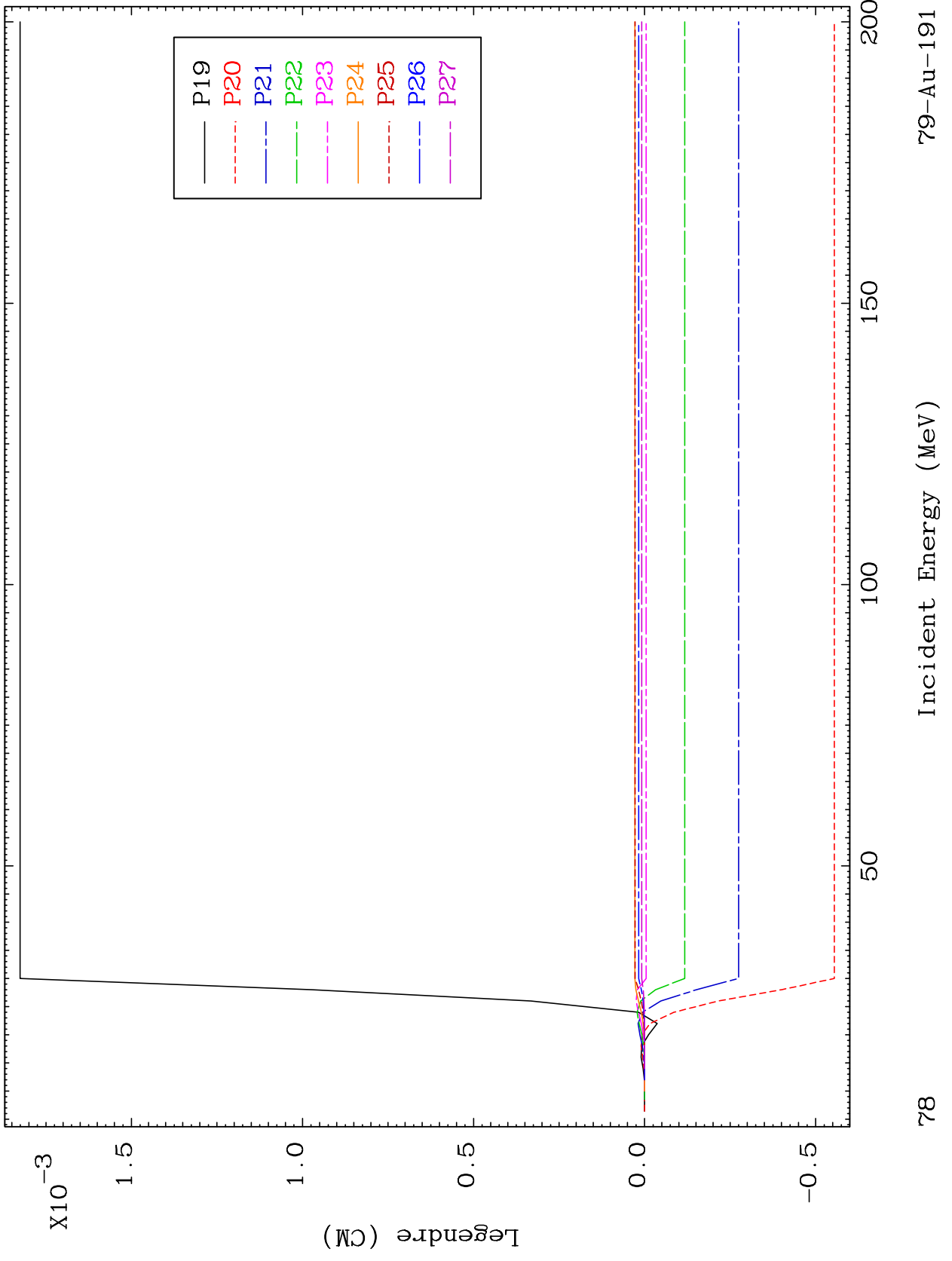
79-Au-191

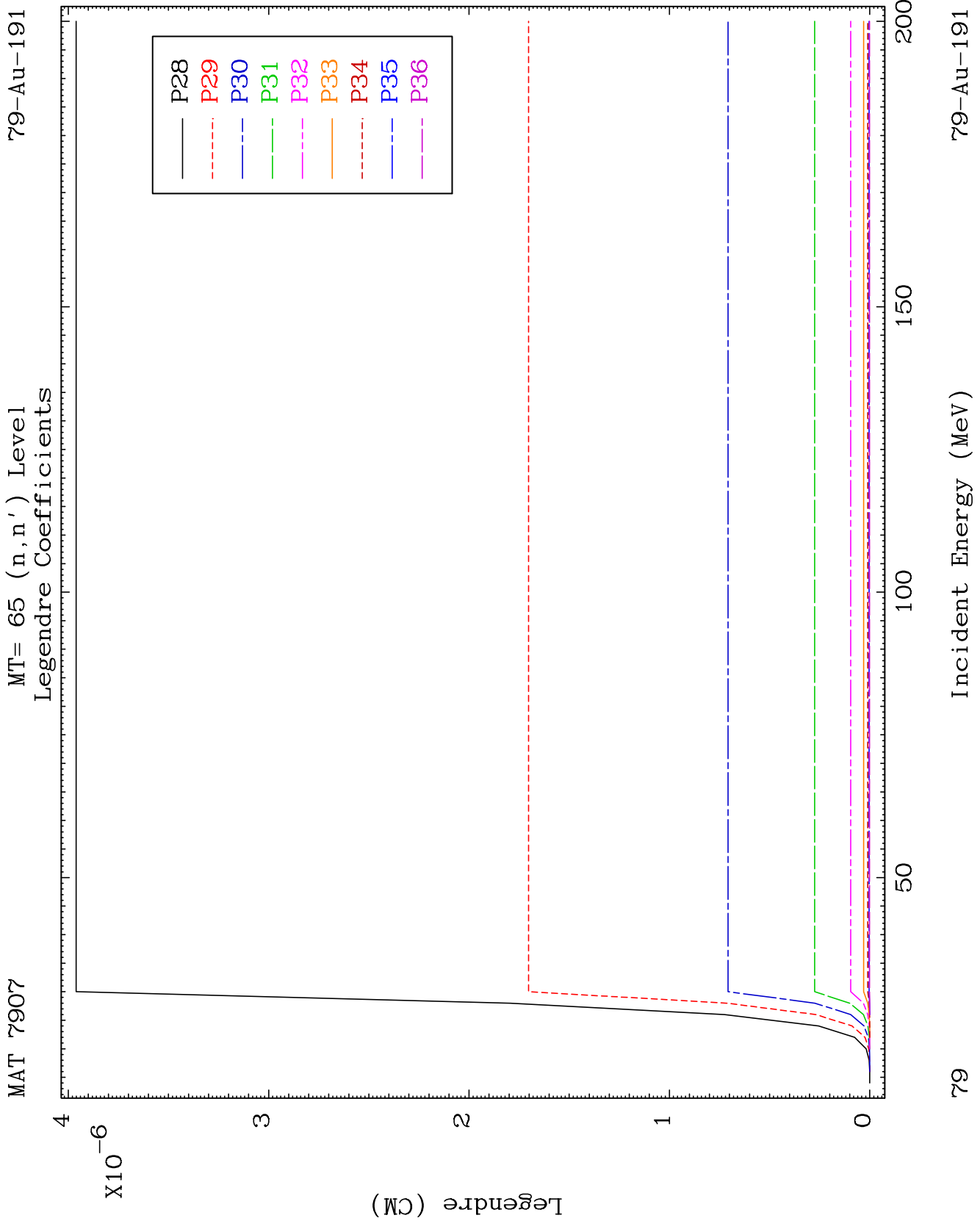


MAT 7907

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

79-Au-191



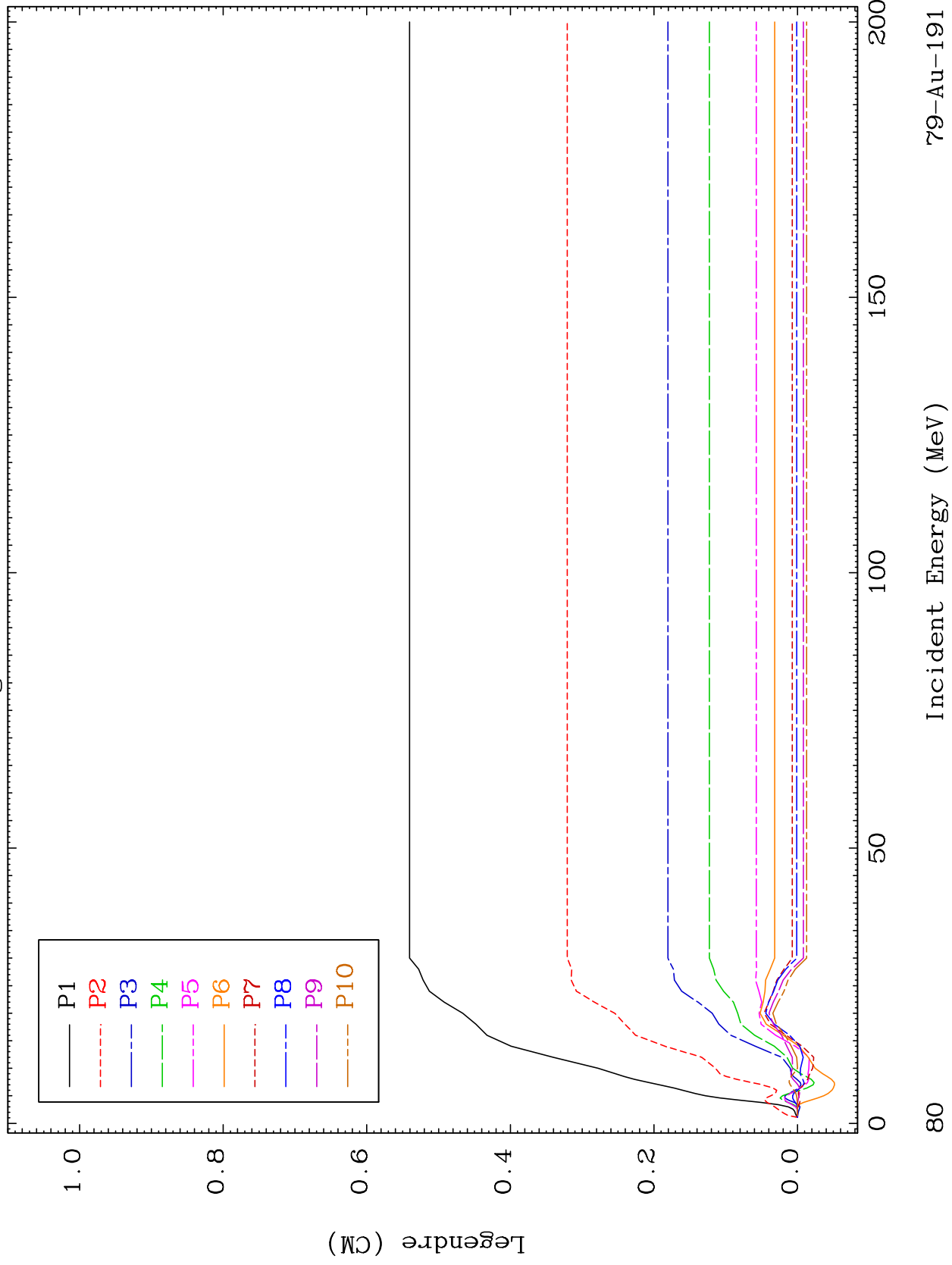




MAT 7907

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

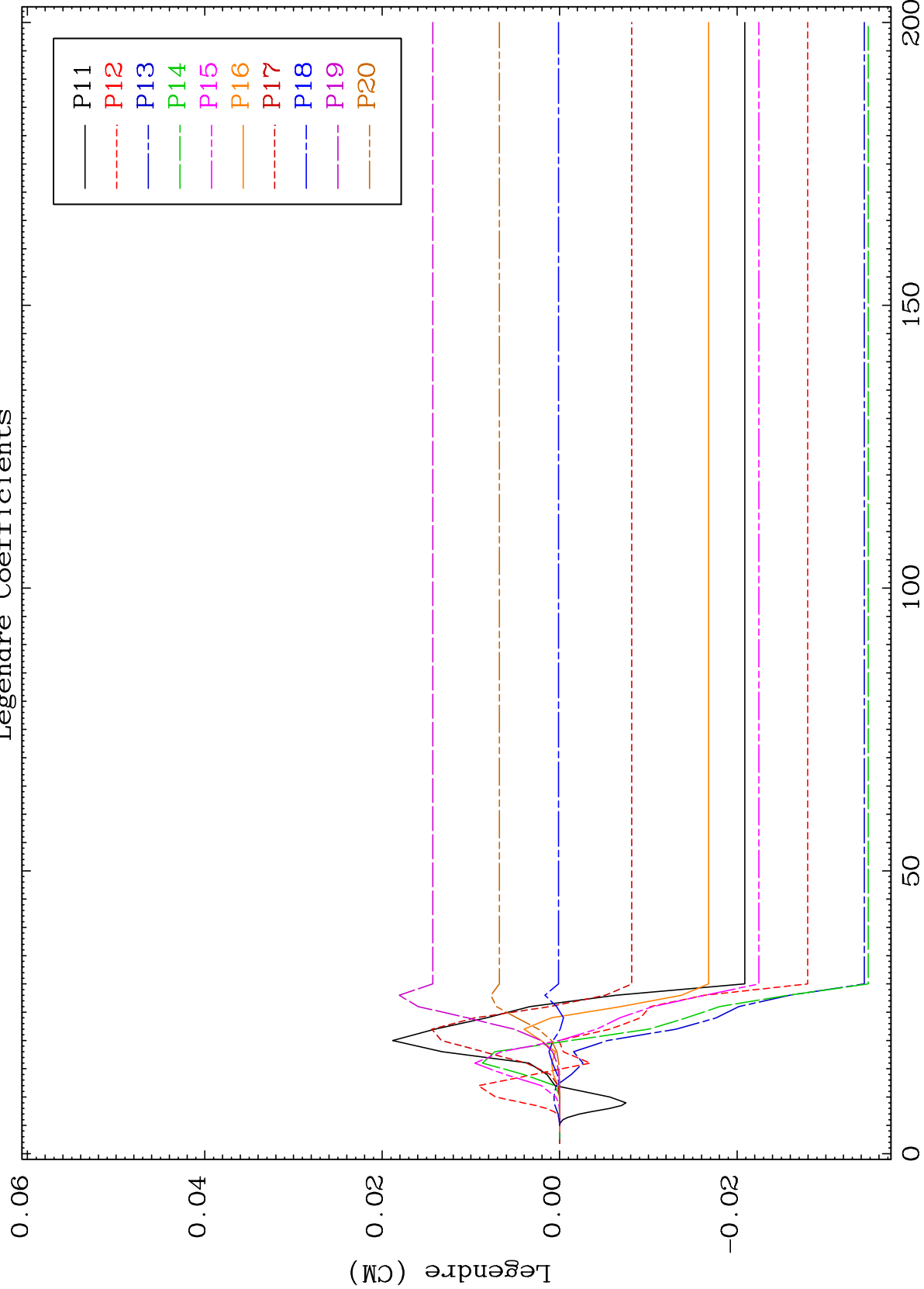
79-Au-191



MAT 7907

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

79-Au-191



81

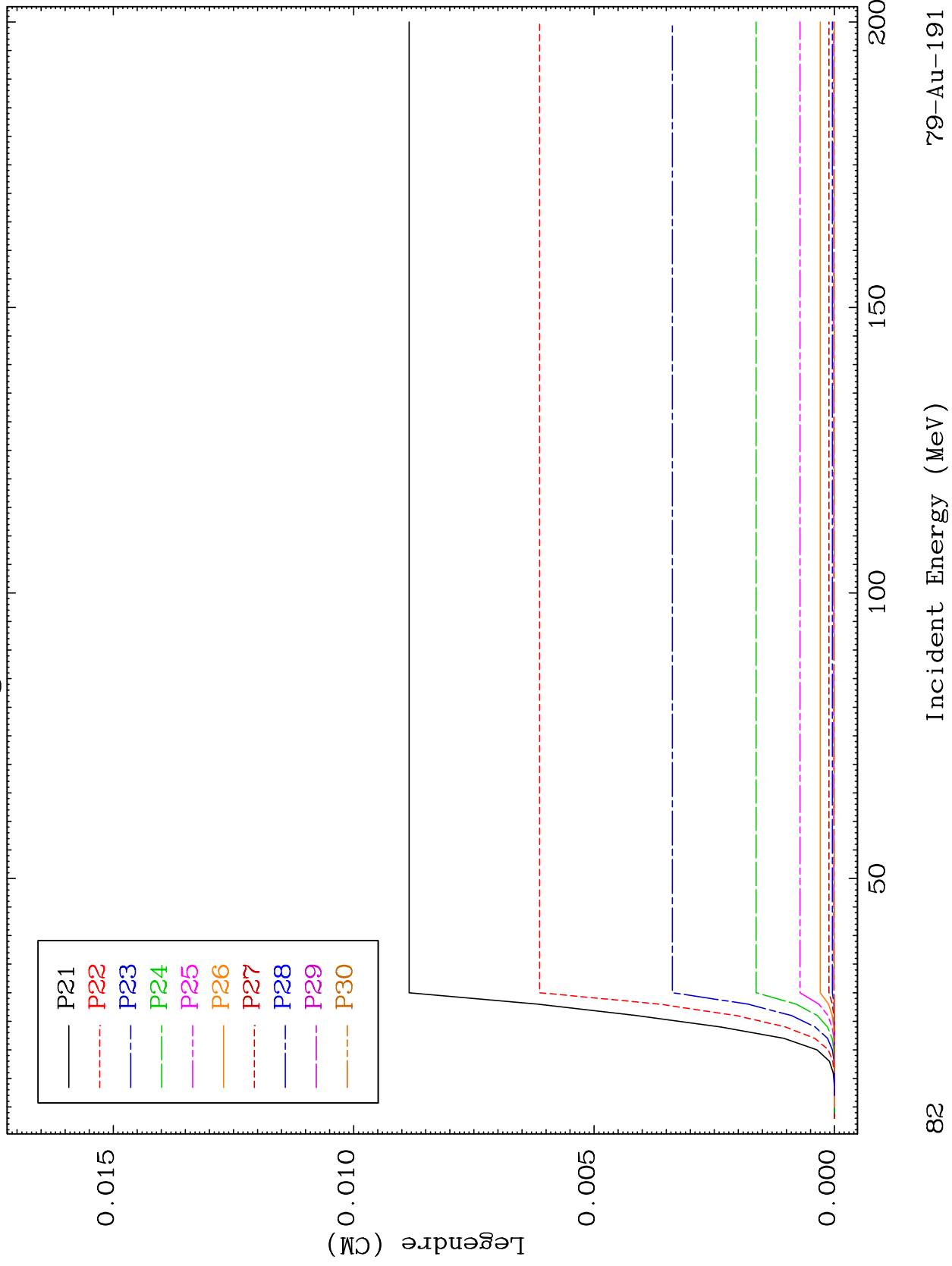
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



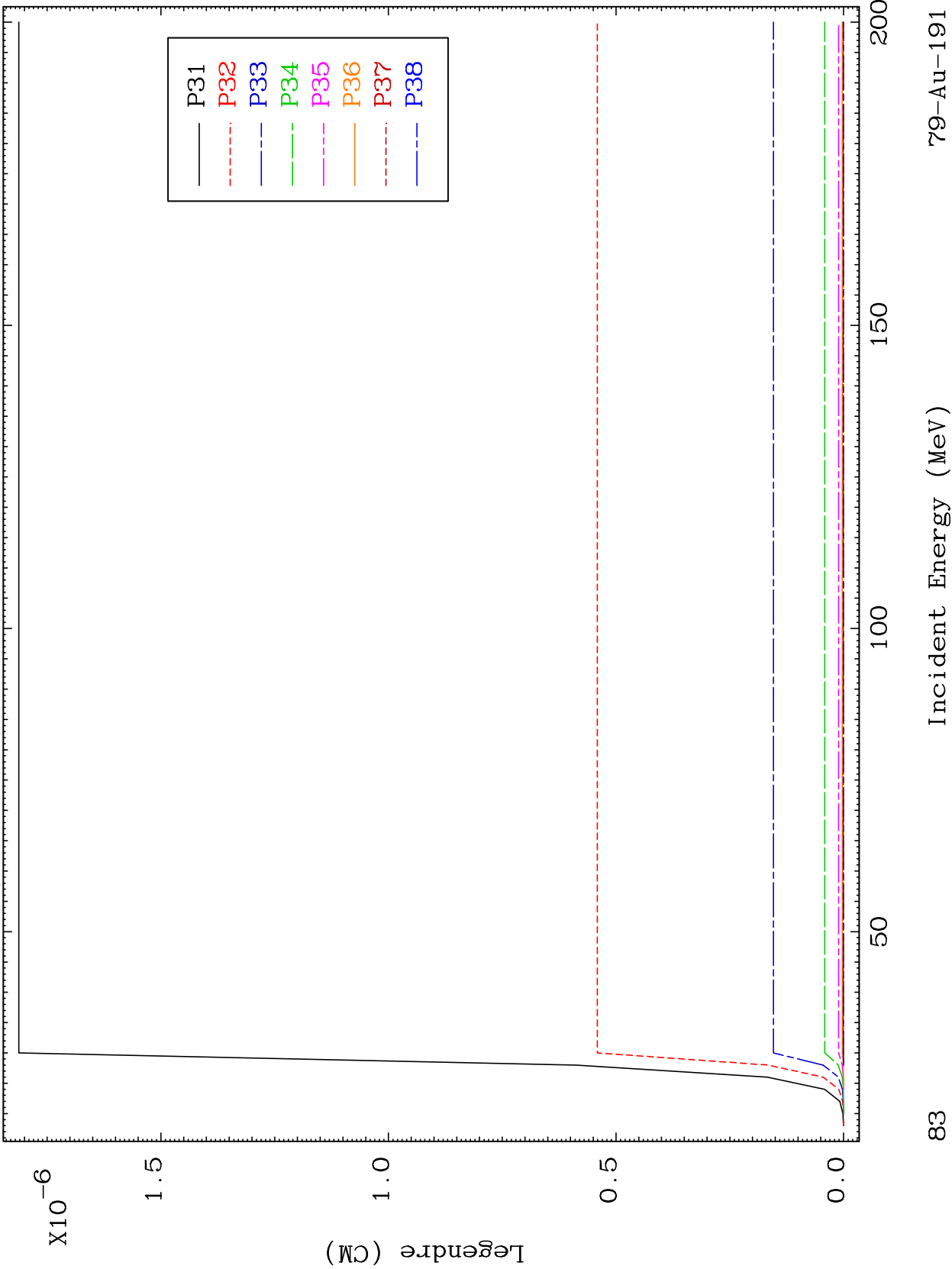
82

79-Au-191

MAT 7907

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

79-Au-191



83

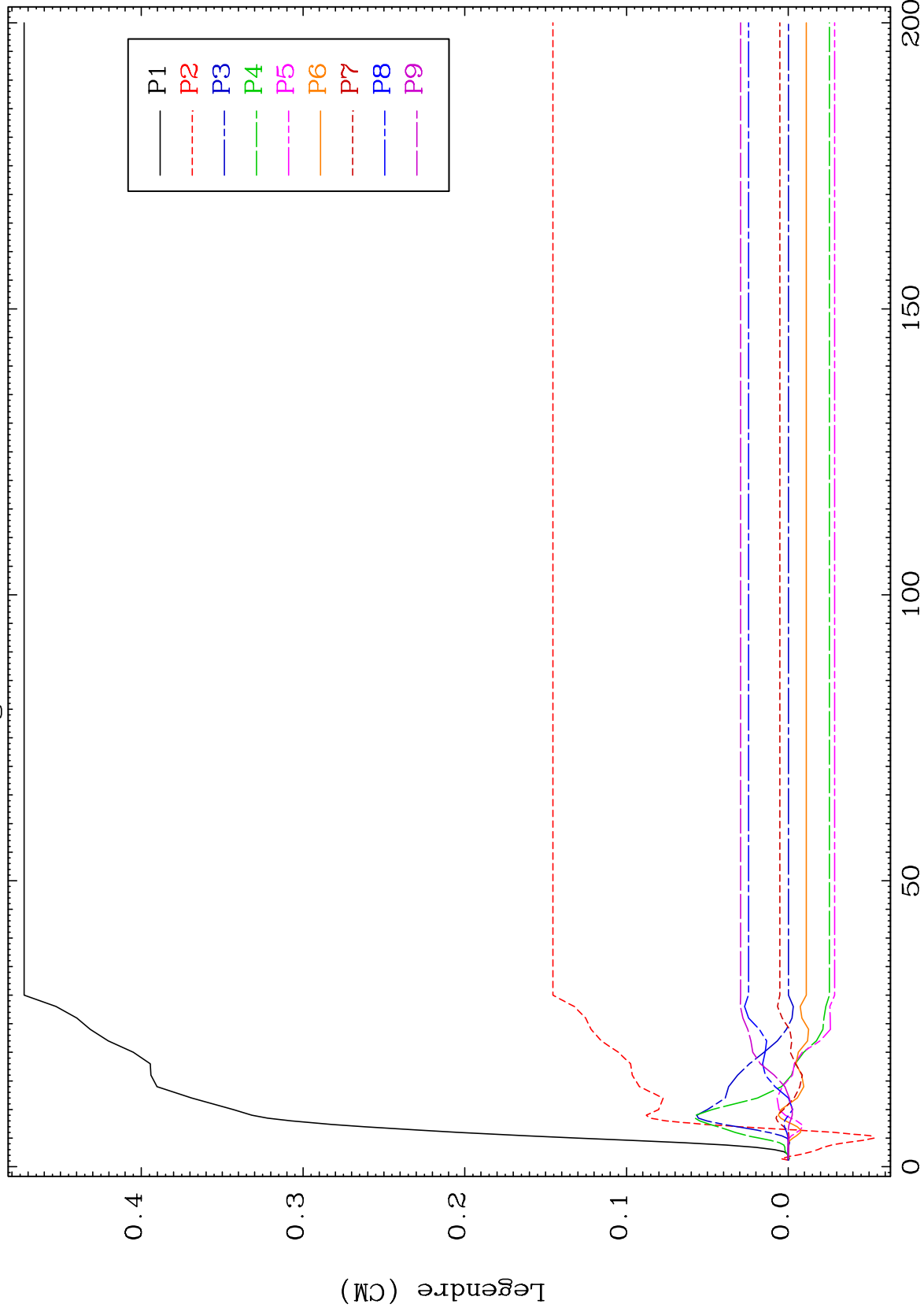
Incident Energy (MeV)

79-Au-191

MAT 7907

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

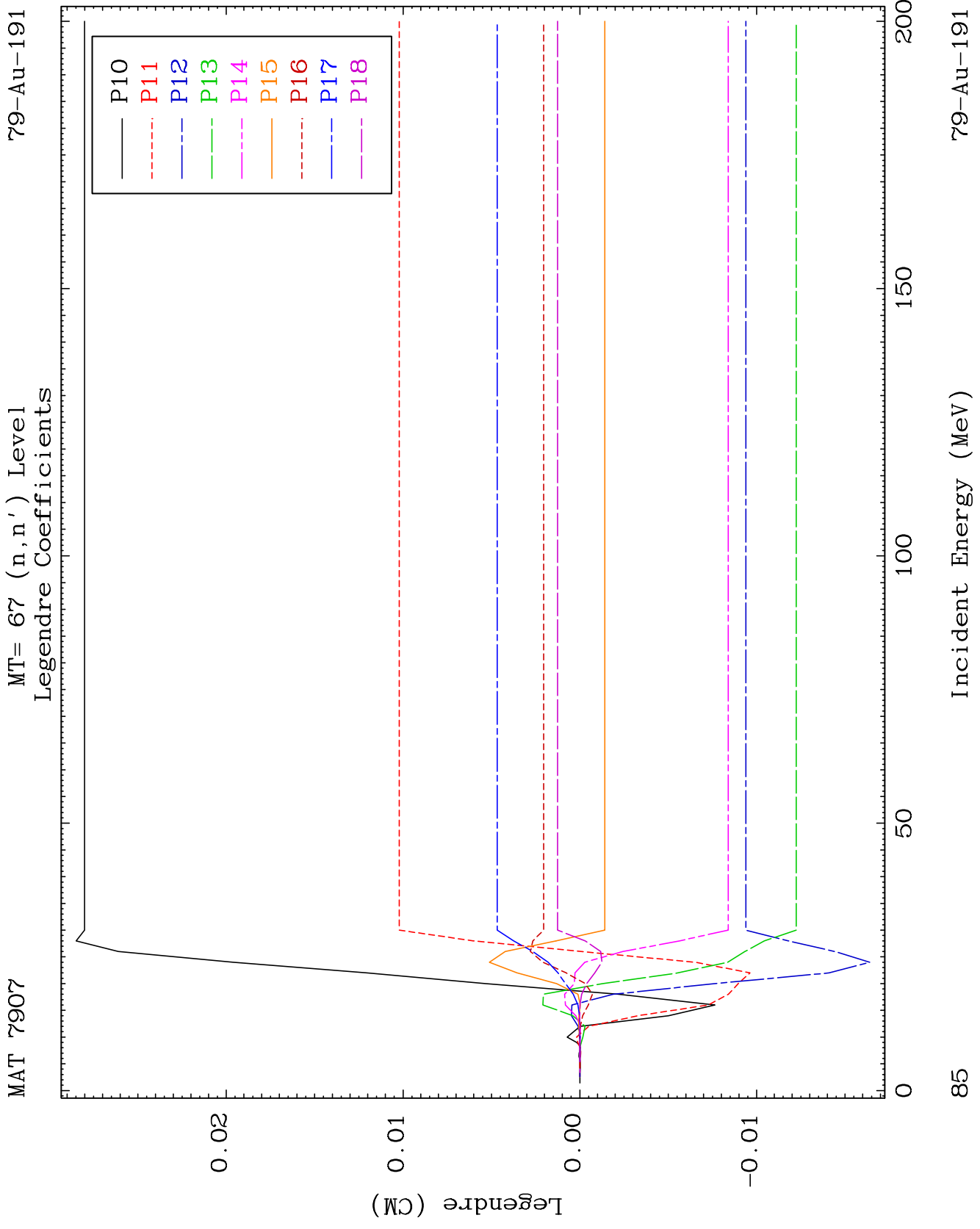
79-Au-191



84

Incident Energy (MeV)

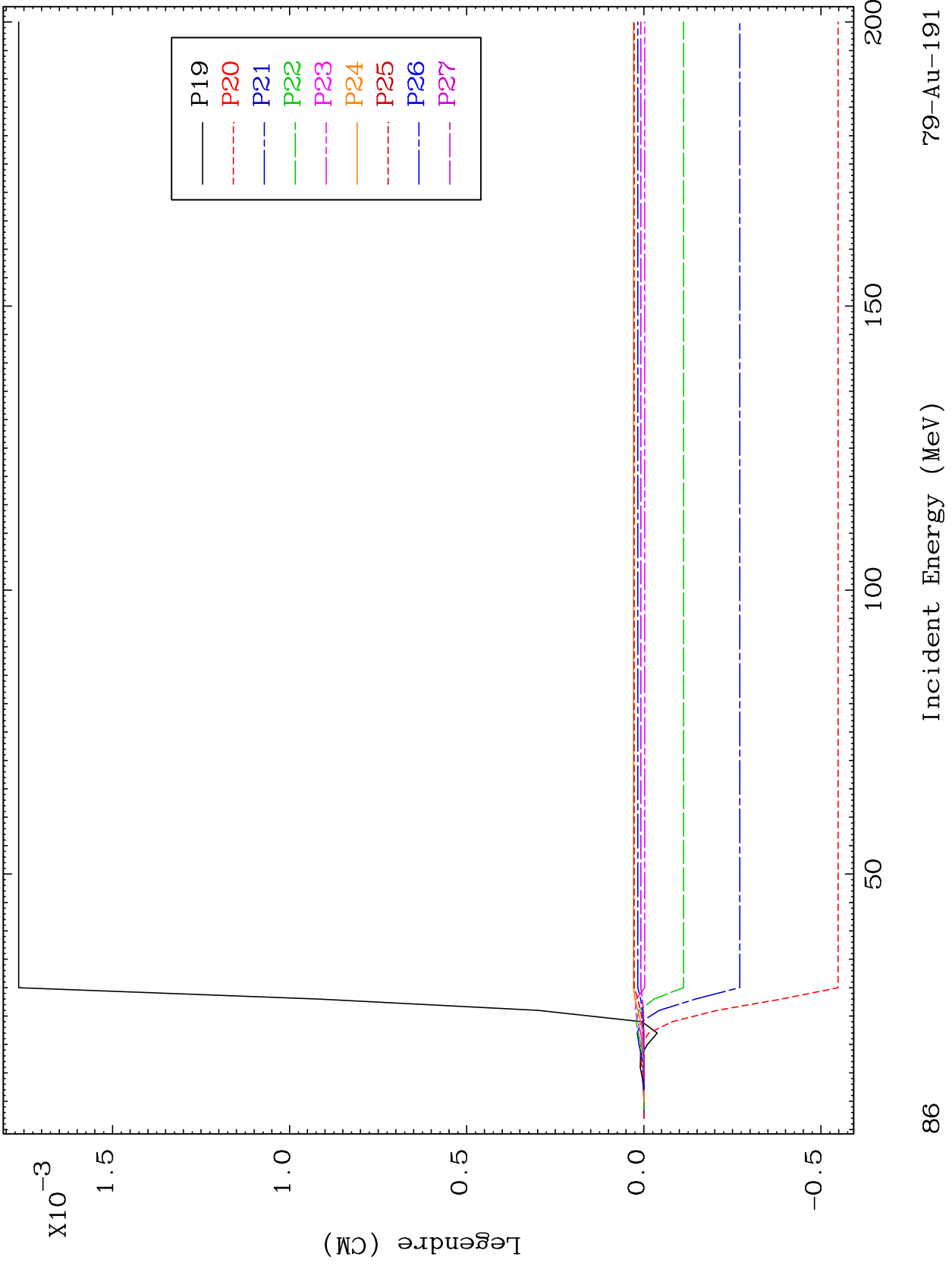
79-Au-191



MAT 7907

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

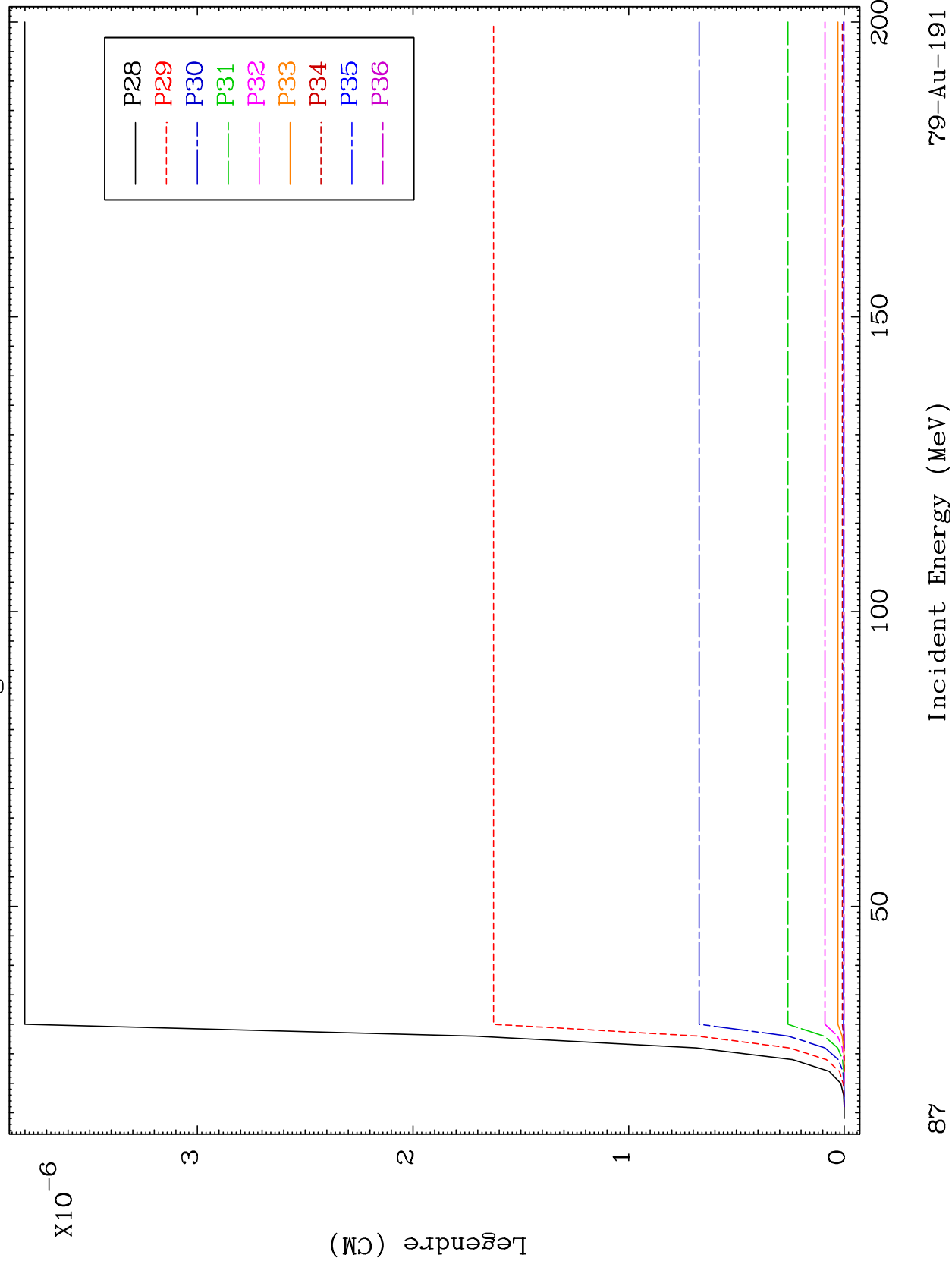
79-Au-191



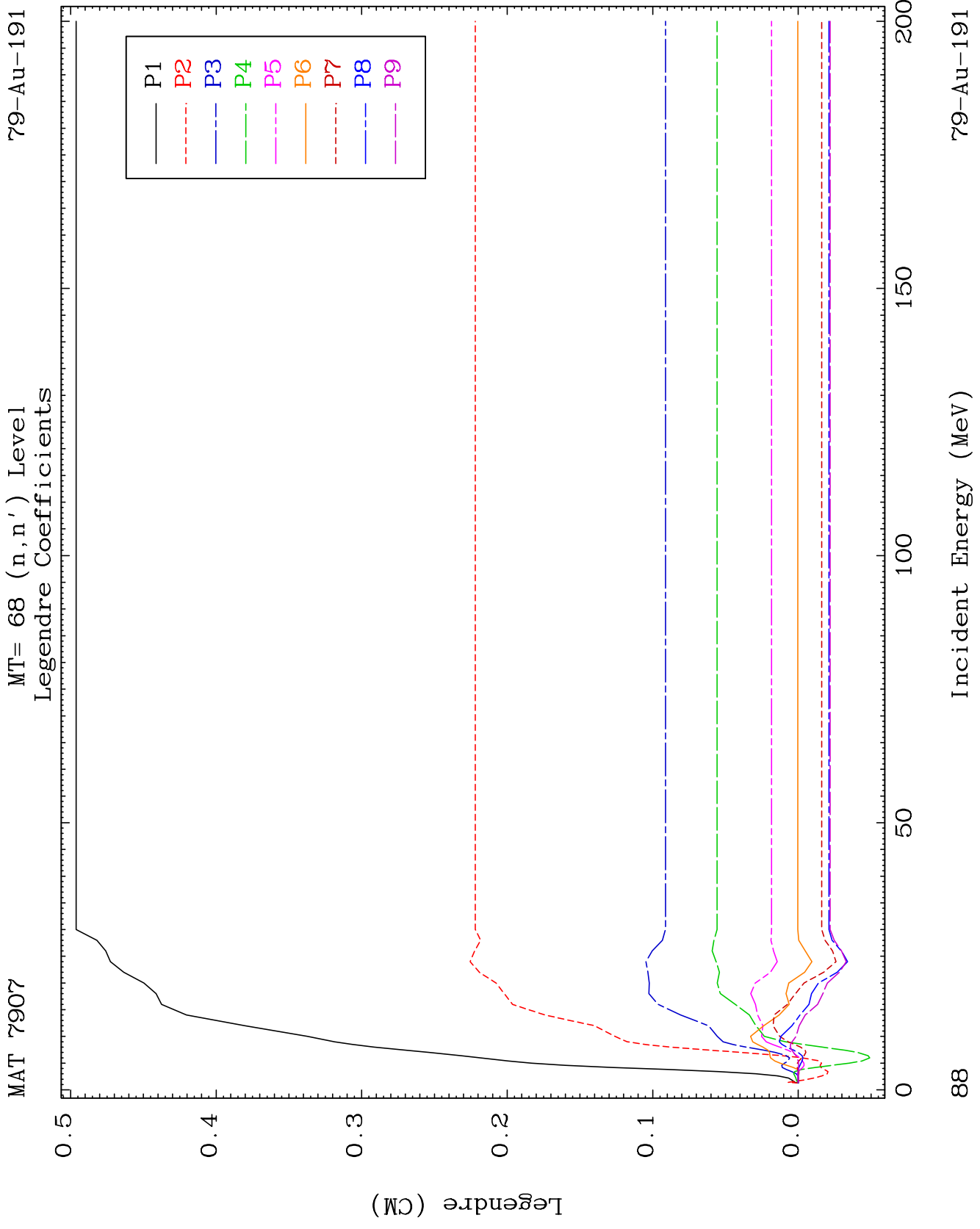
MAT 7907

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

79-Au-191



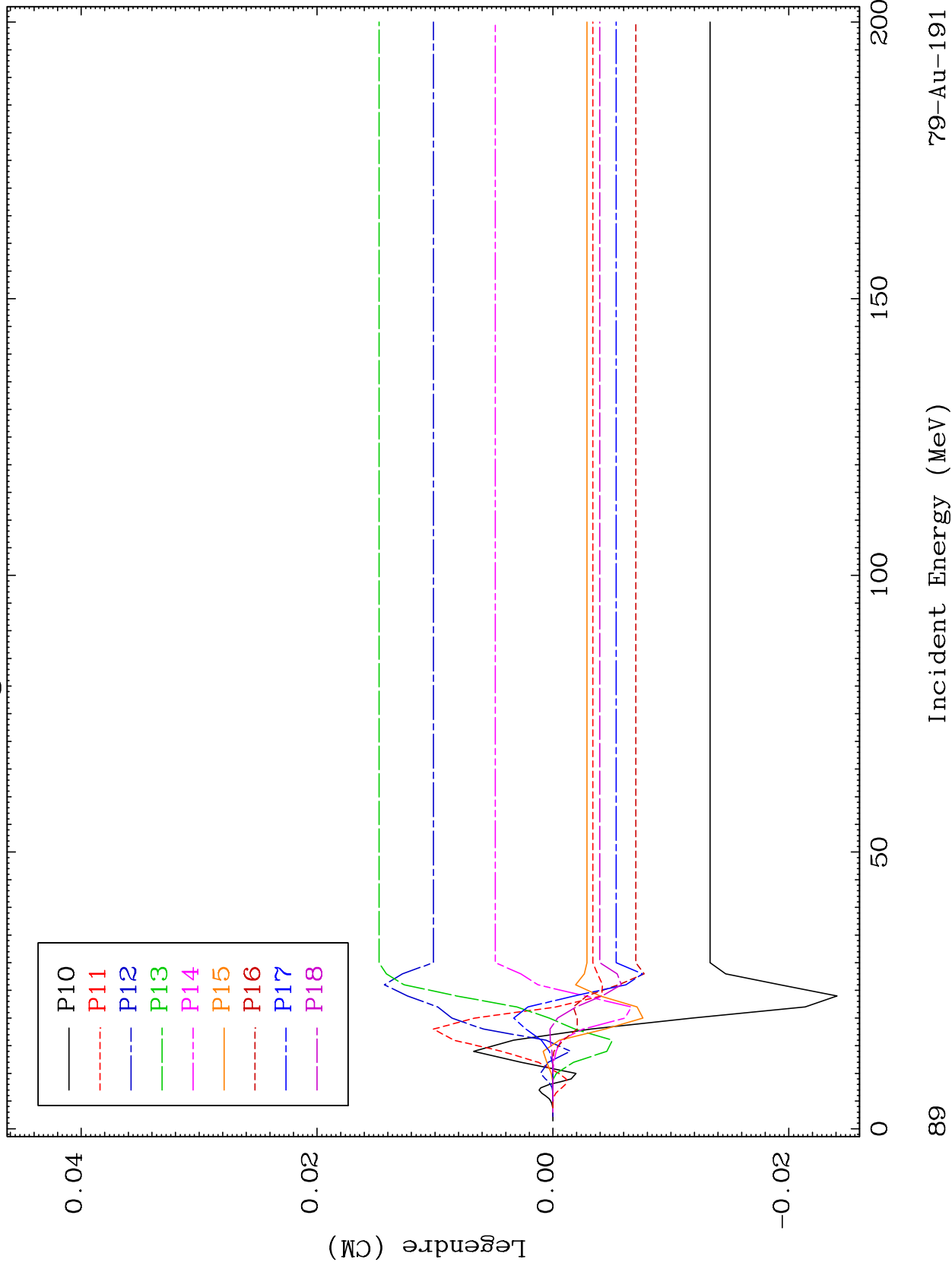




MAT 7907

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

79-Au-191



89

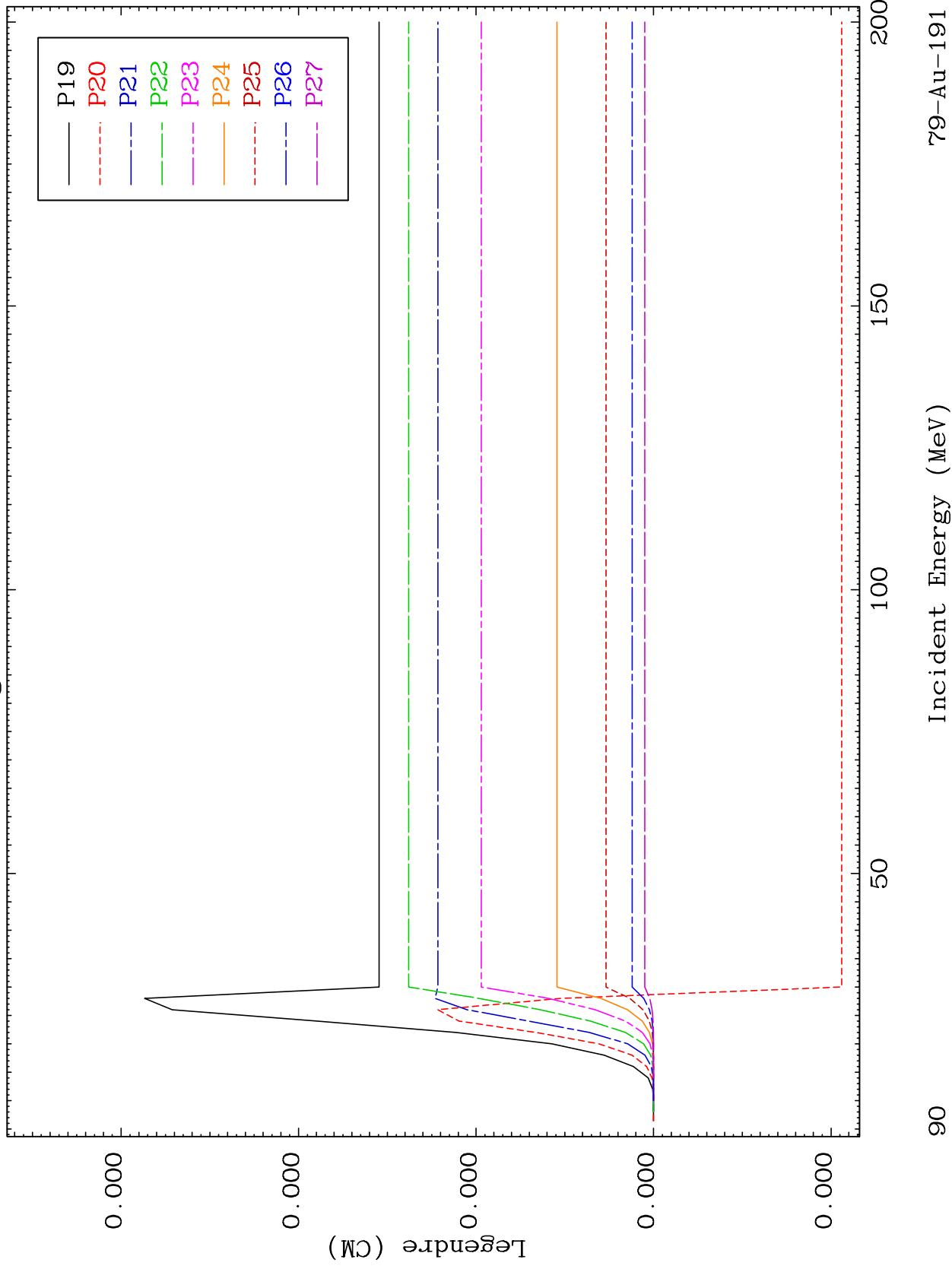
Incident Energy (MeV)

79-Au-191

MAT 7907

79-Au-191

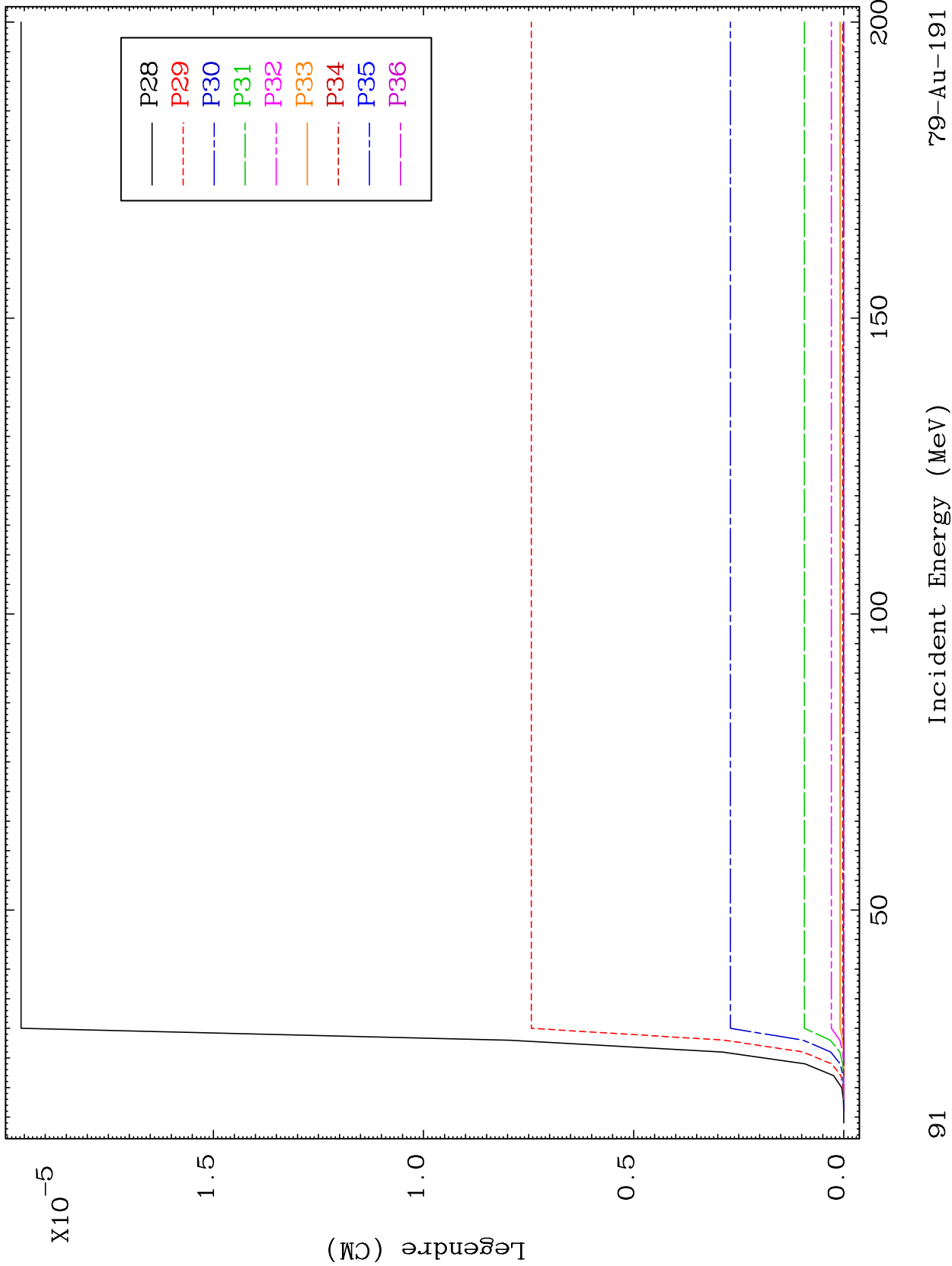
MT= 68 (n,n') Level  
Legendre Coefficients



MAT 7907

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

79-Au-191

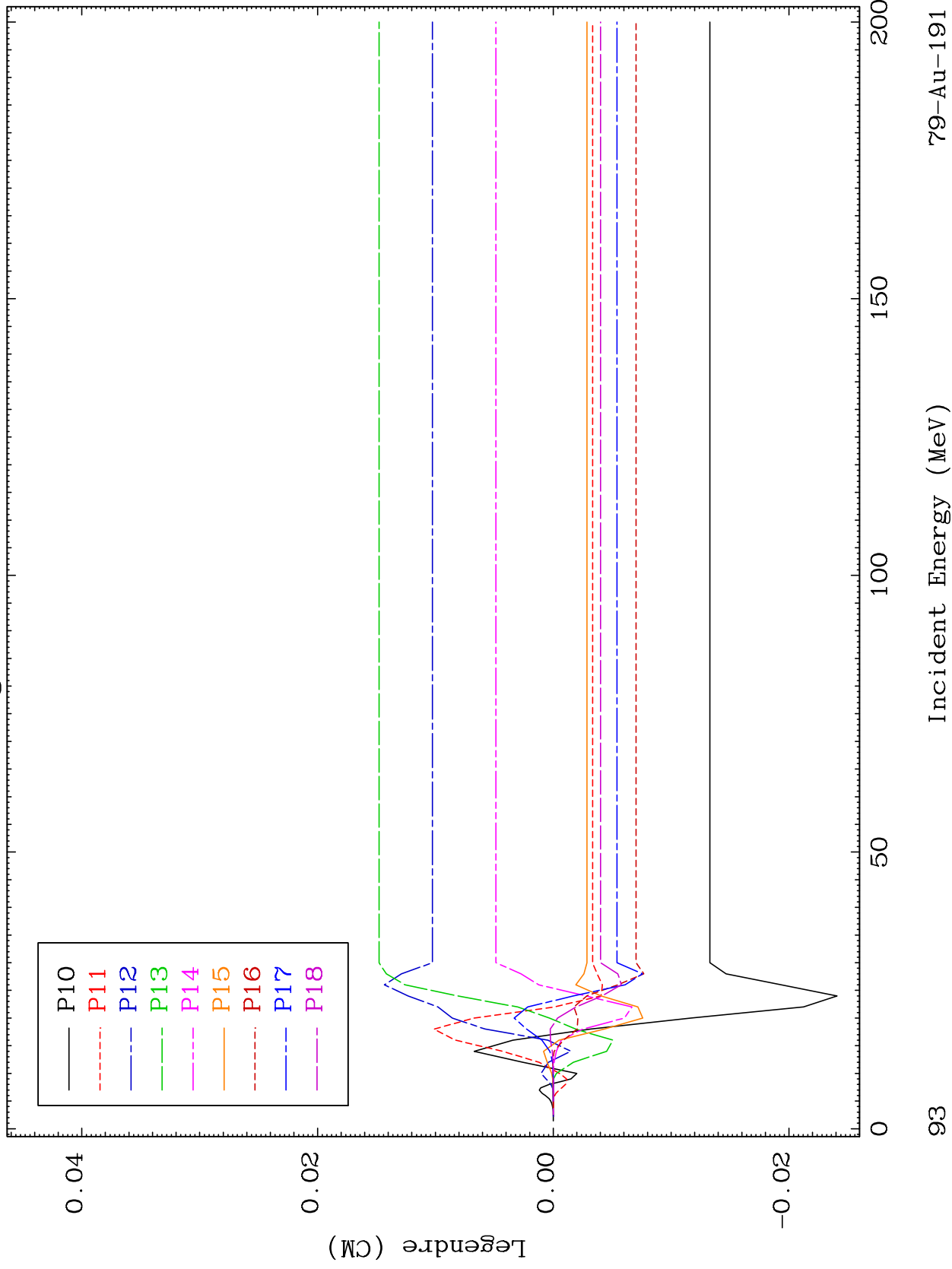




MAT 7907

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

79-Au-191



93

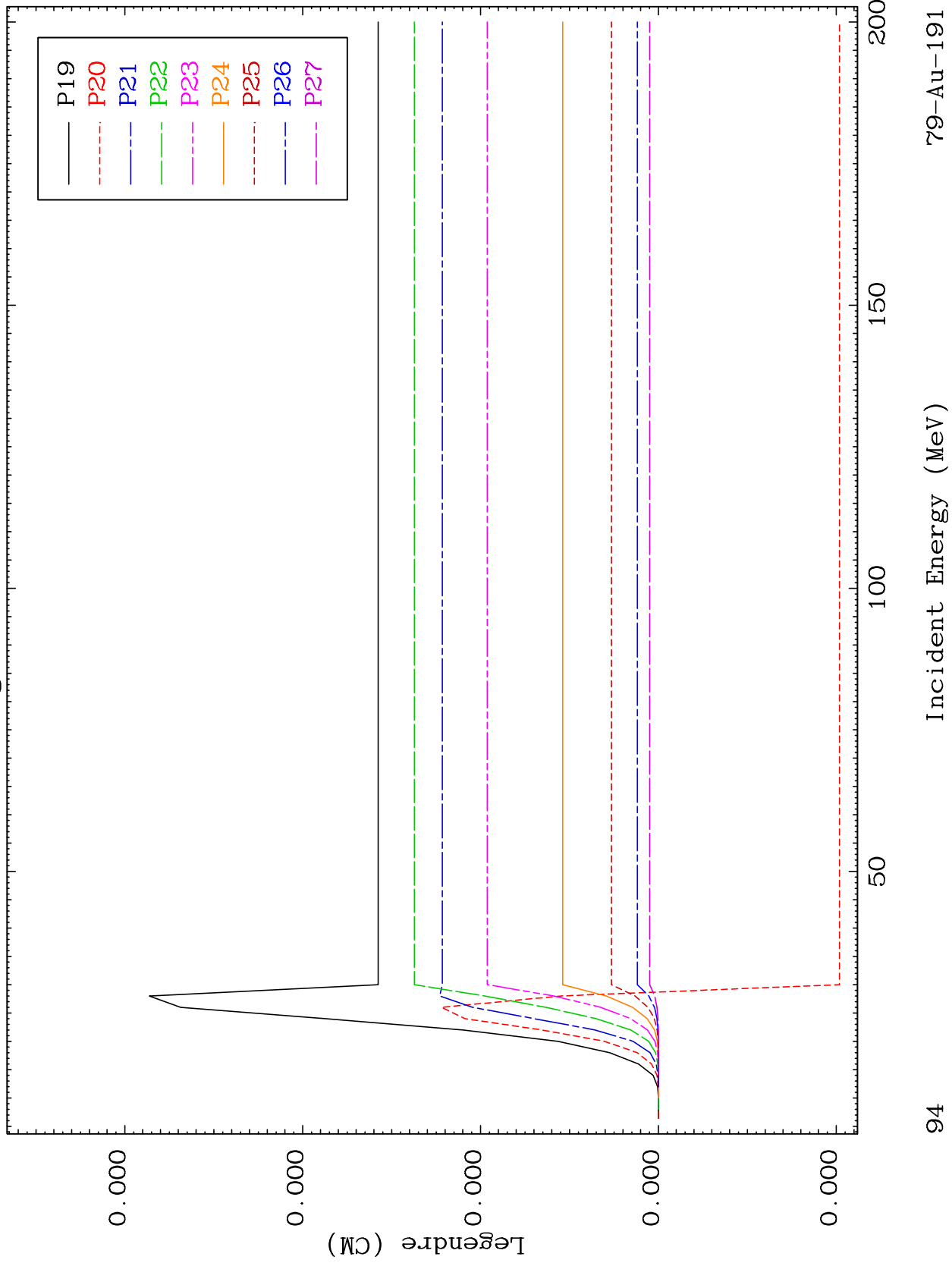
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



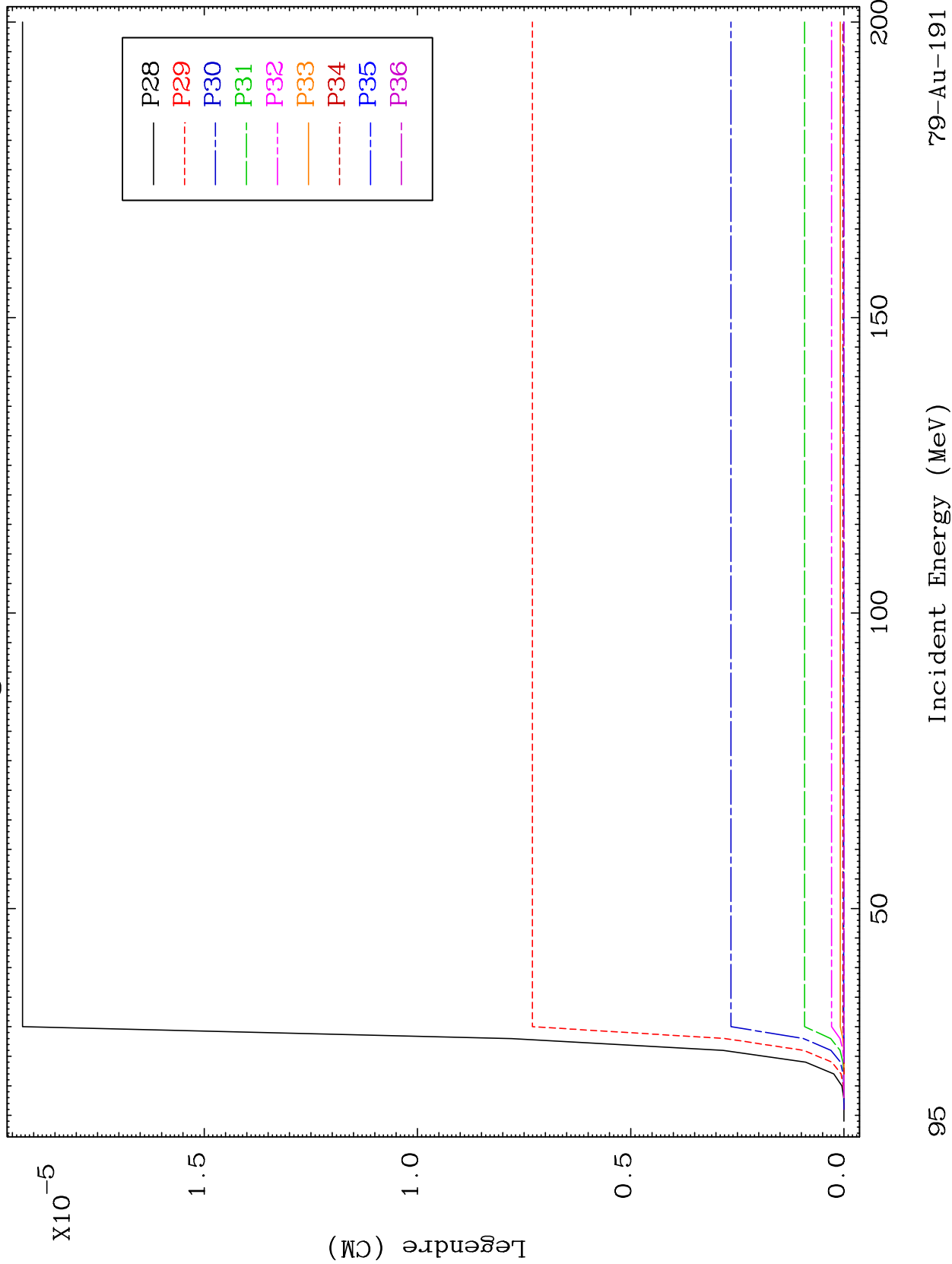
94

79-Au-191

MAT 7907

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

79-Au-191

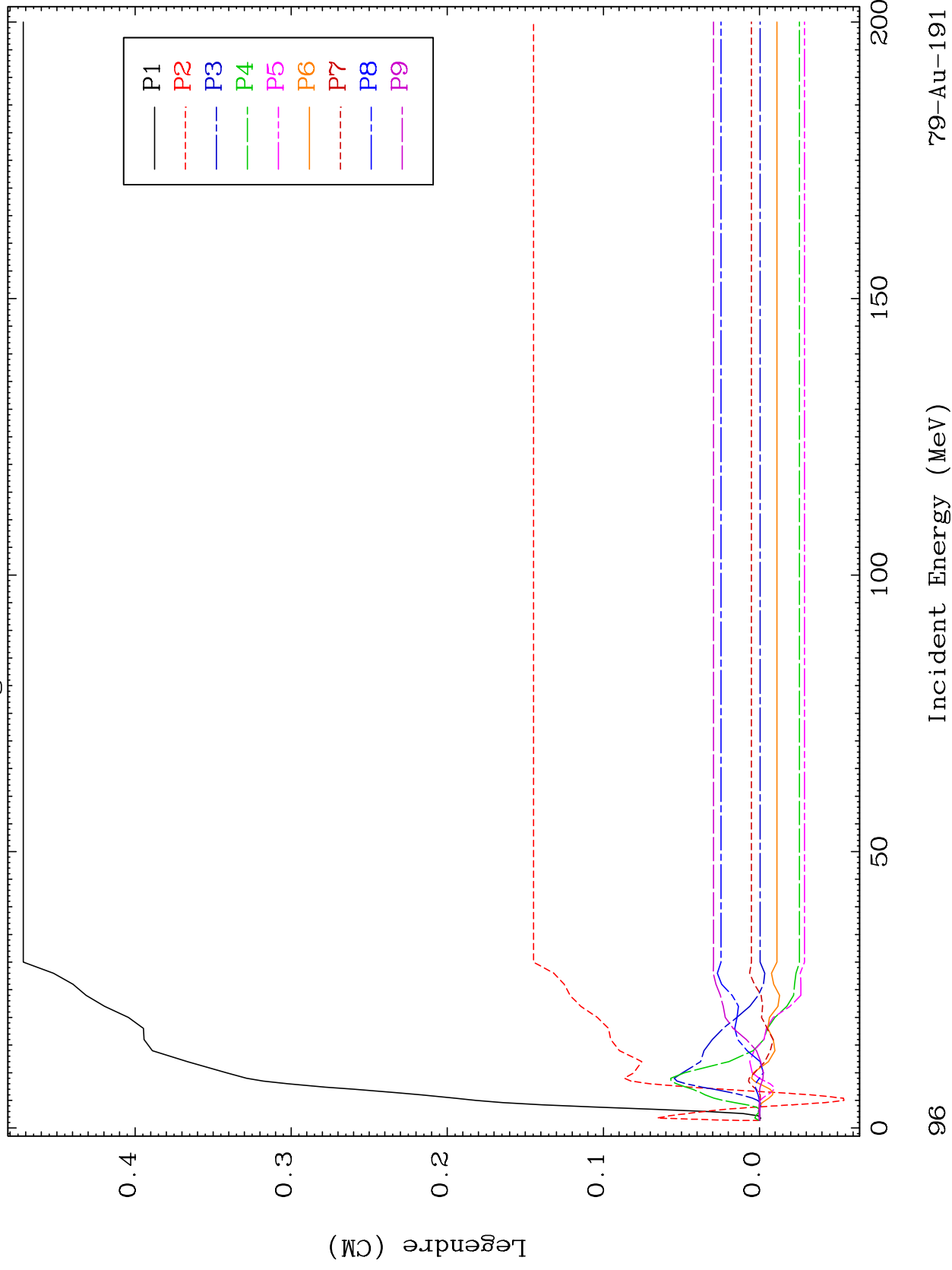




MAT 7907

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

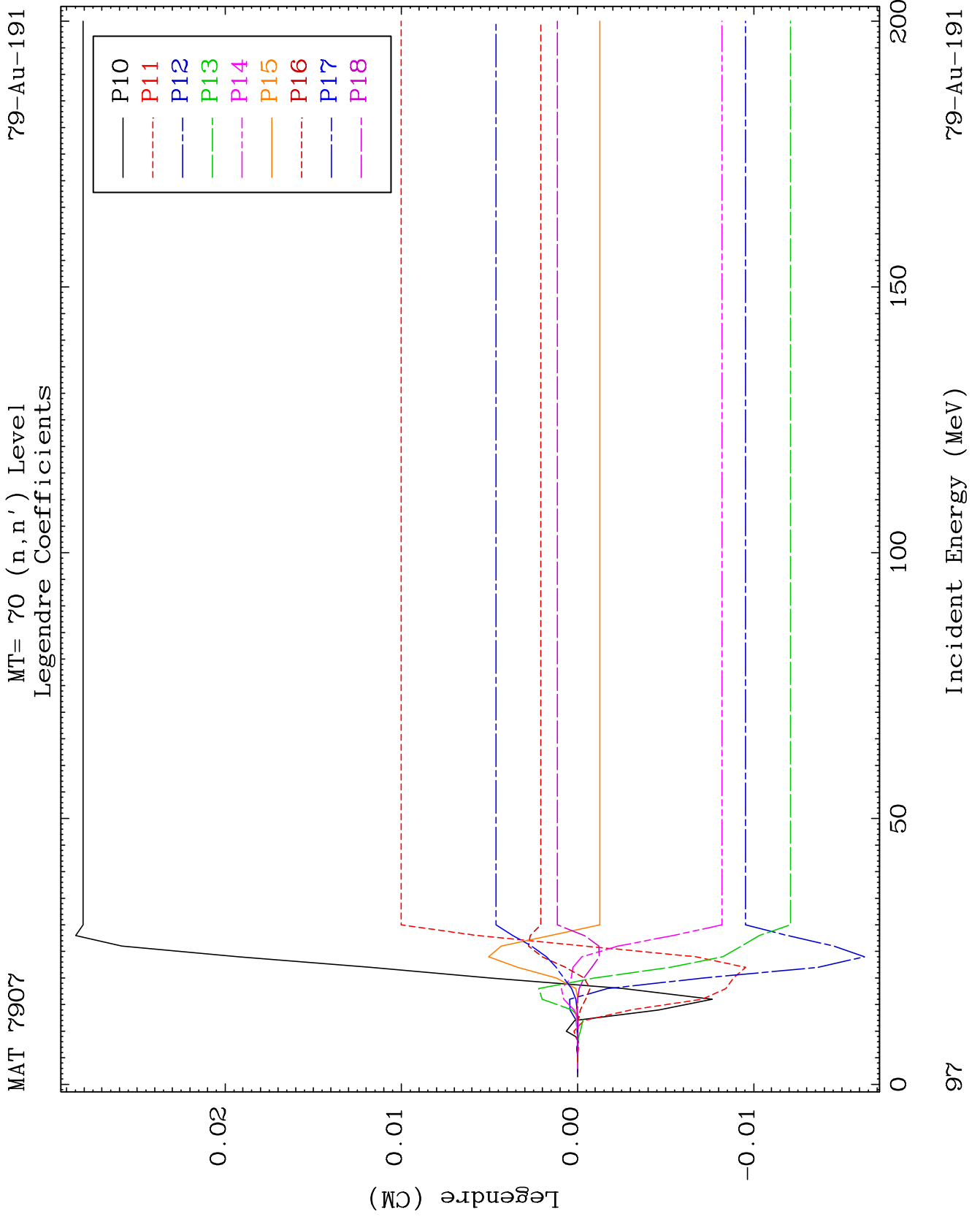
79-Au-191



79-Au-191

Incident Energy (MeV)

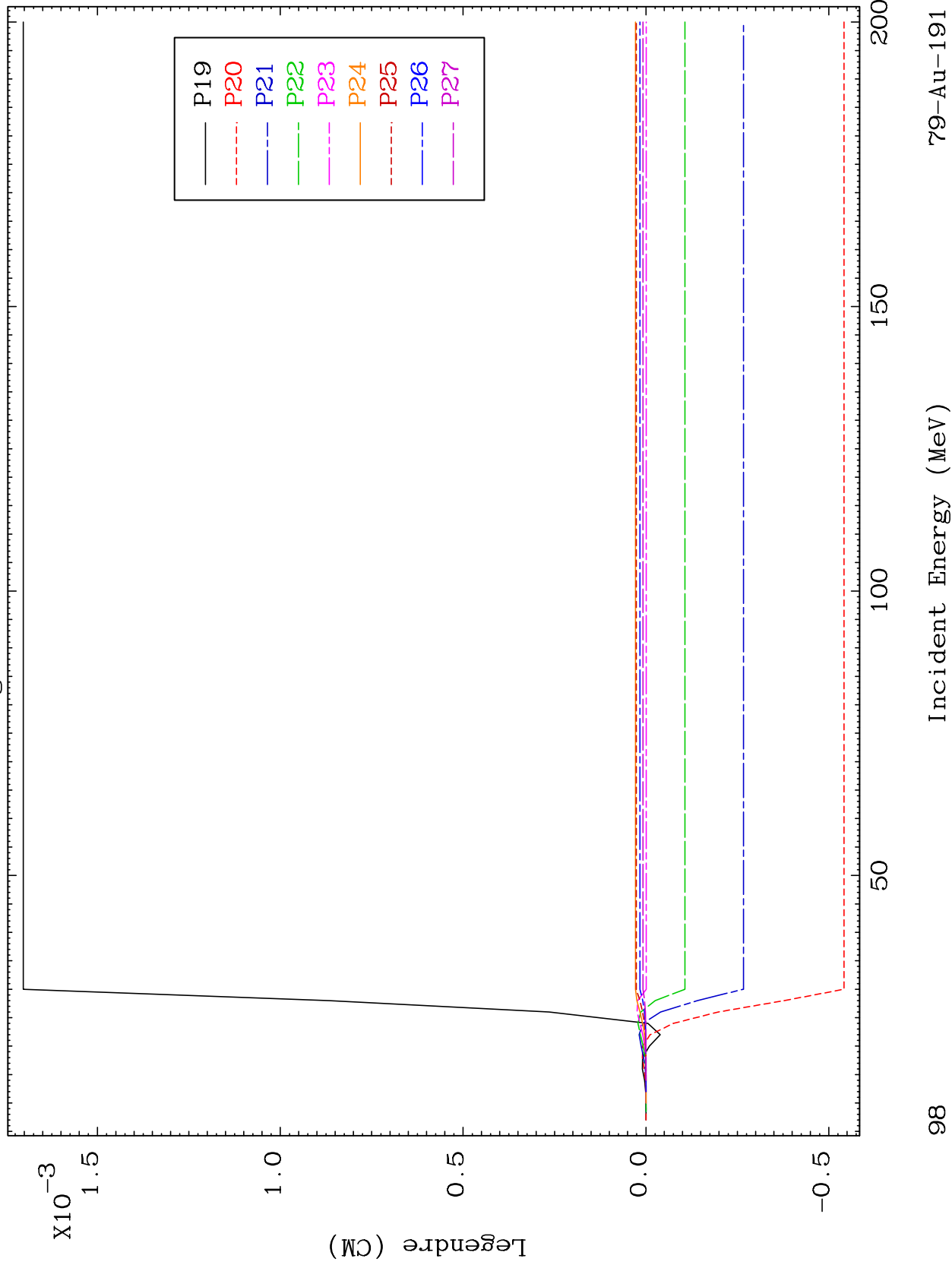
96



MAT 7907

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

79-Au-191



98

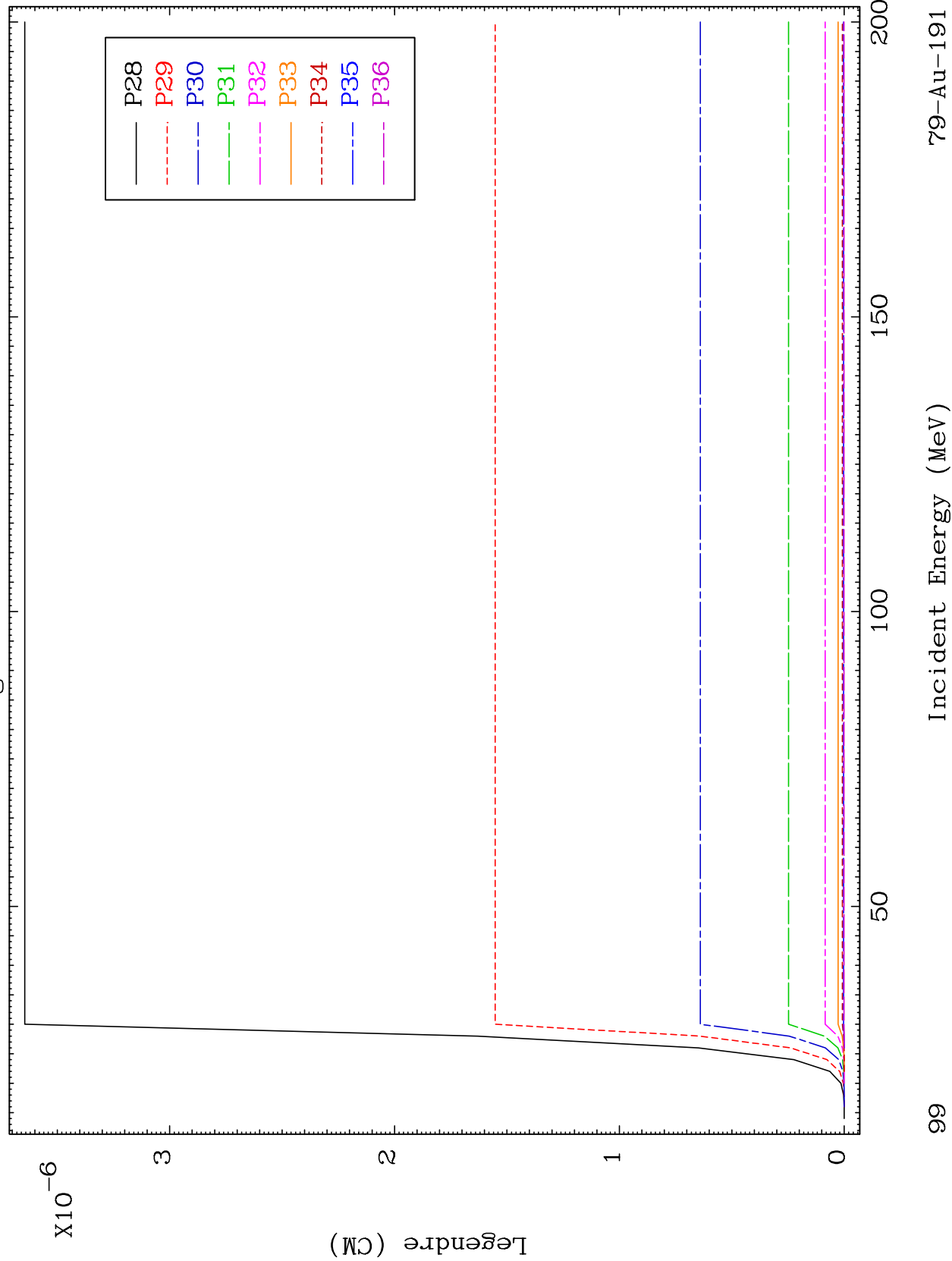
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



99

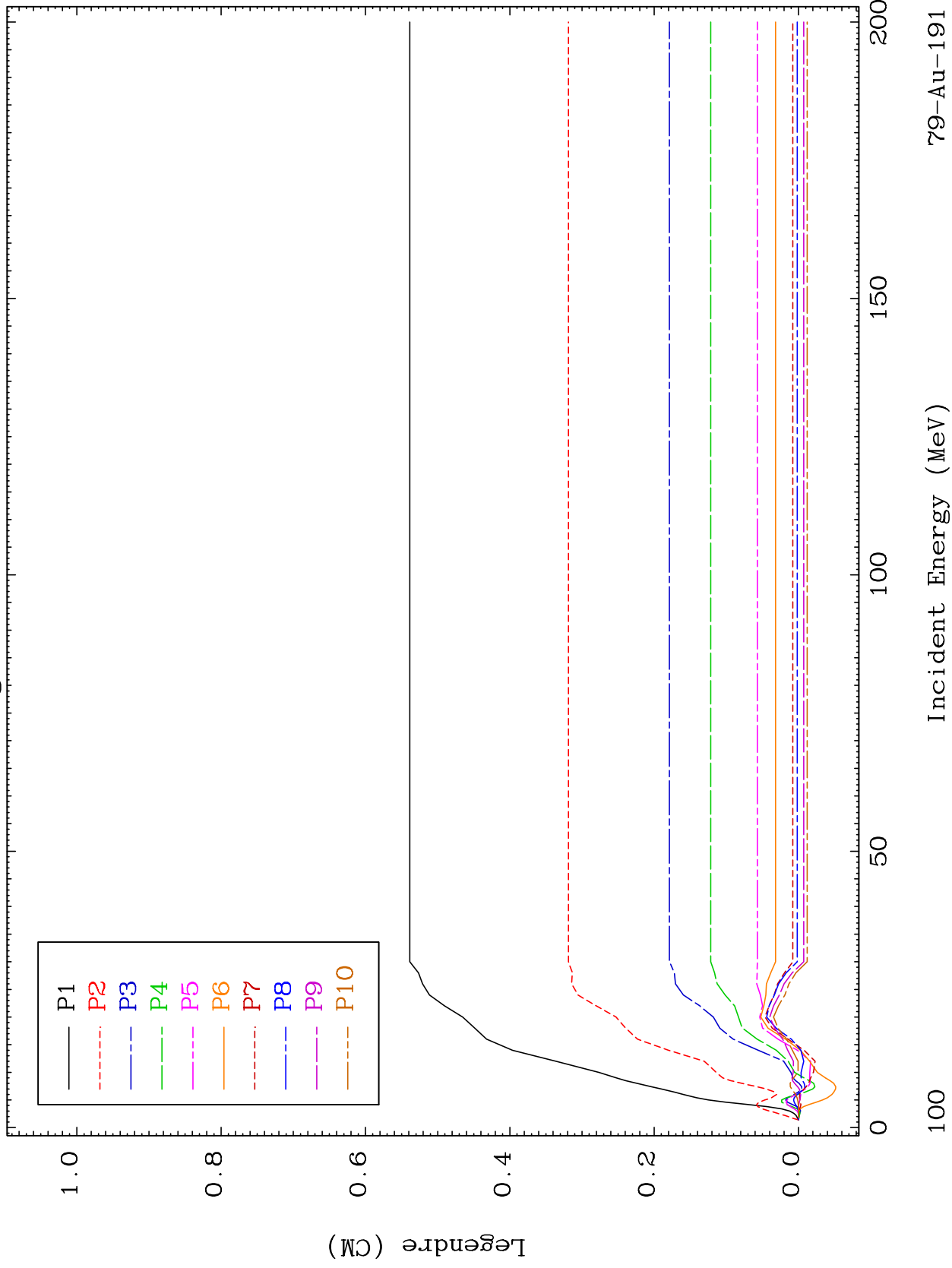
Incident Energy (MeV)

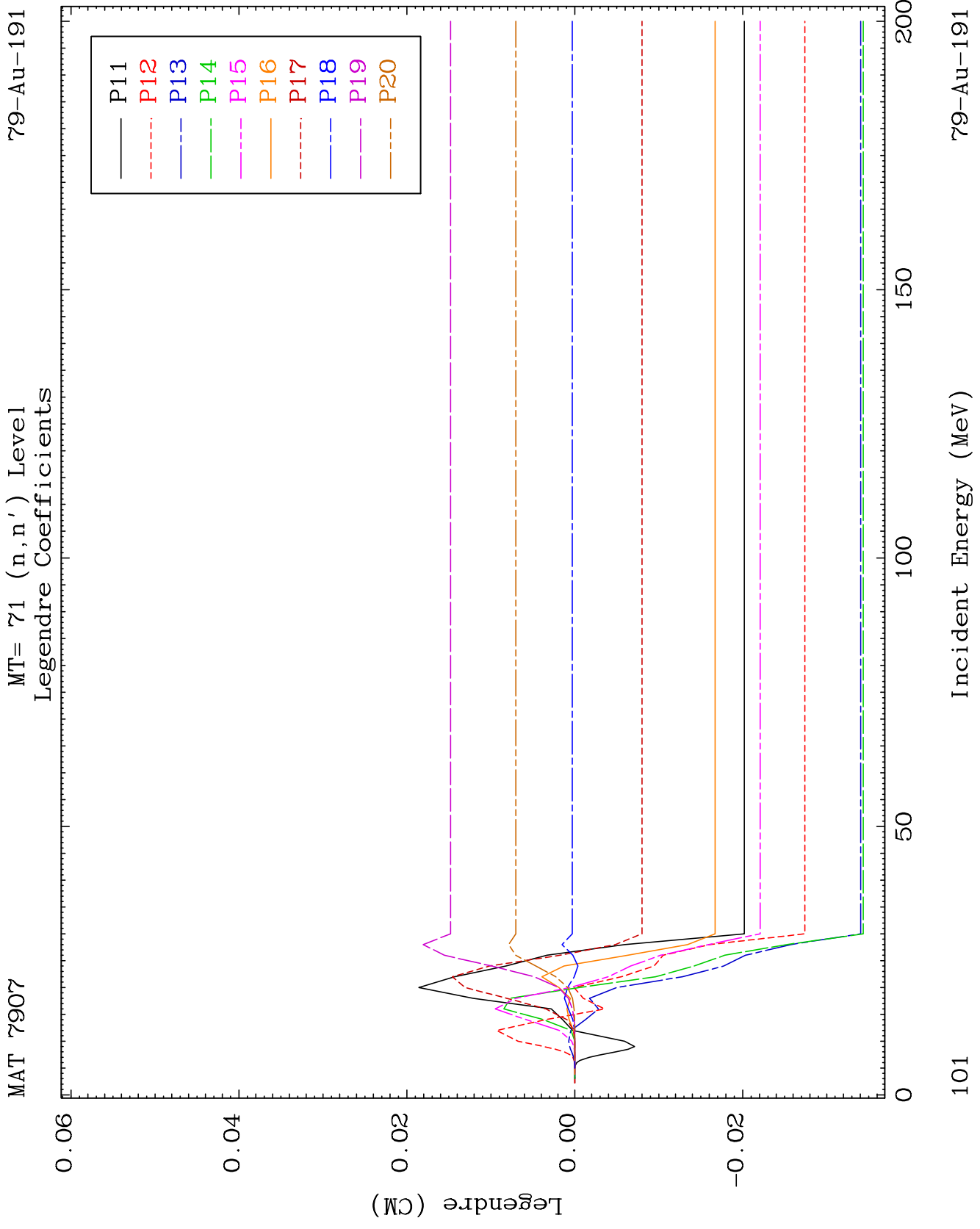
79-Au-191

MAT 7907

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

79-Au-191

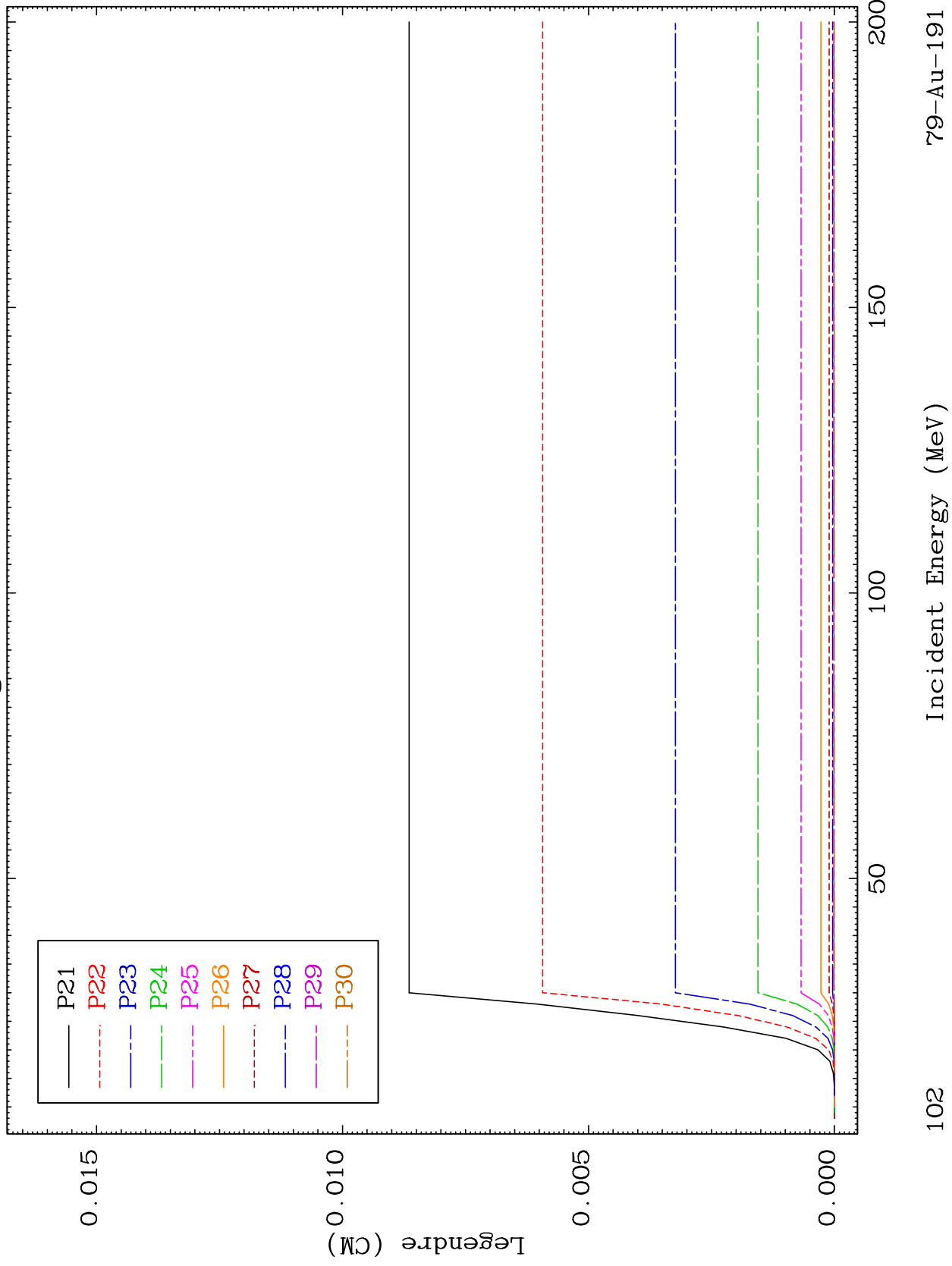




MAT 7907

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

79-Au-191



102

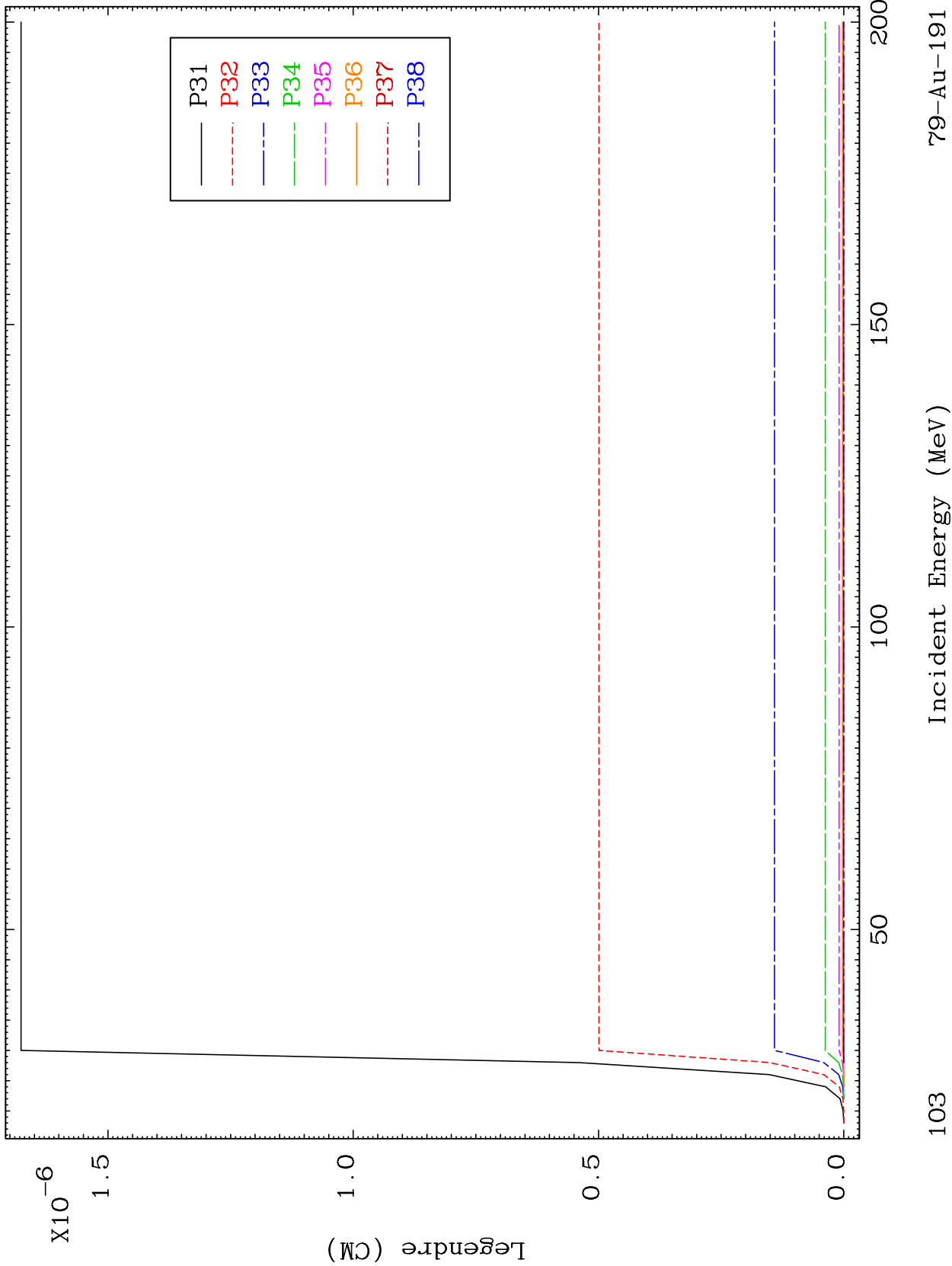
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



103

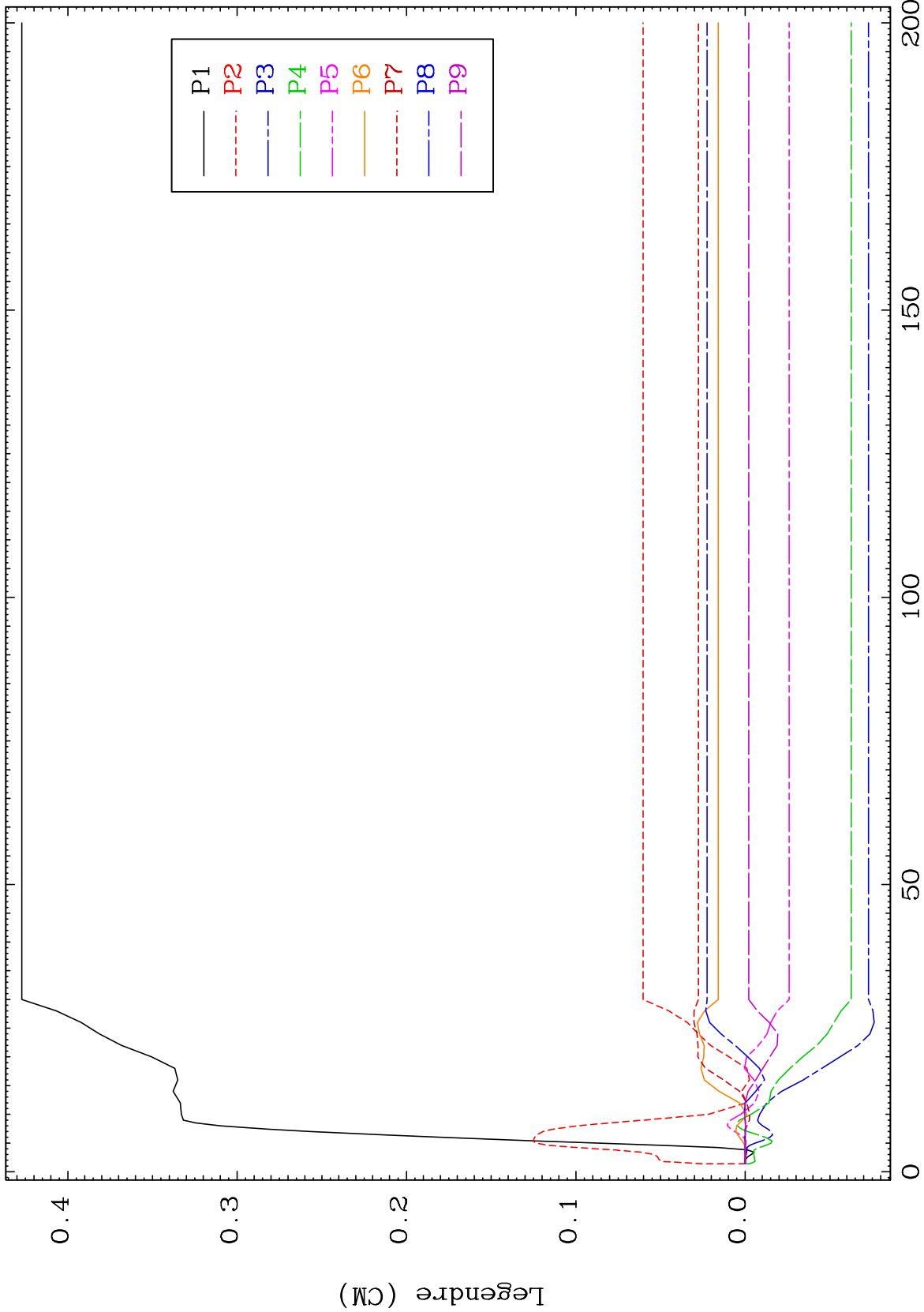
79-Au-191



MAT 7907

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

79-Au-191



104

Incident Energy (MeV)

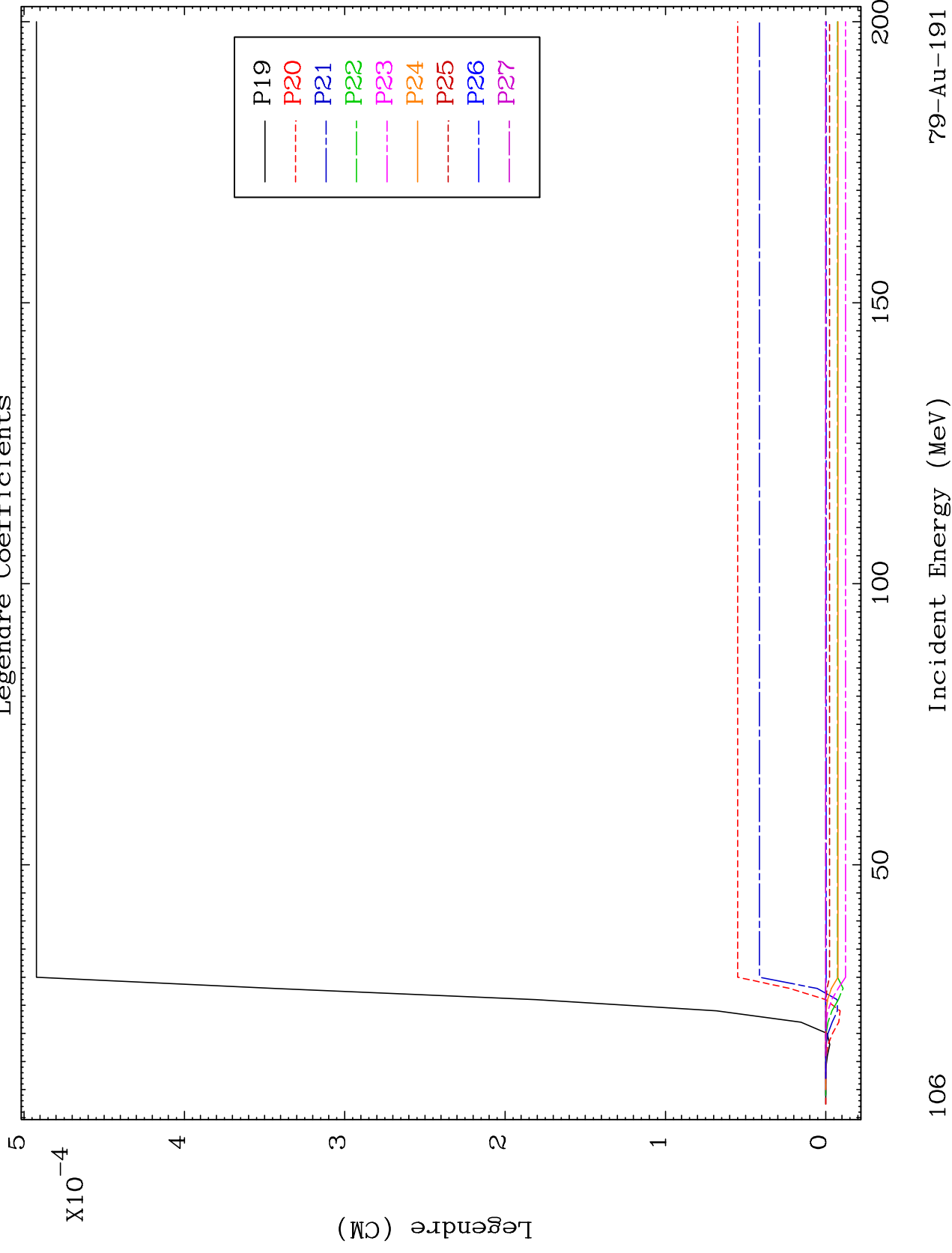
79-Au-191



MAT 7907

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

79-Au-191



106

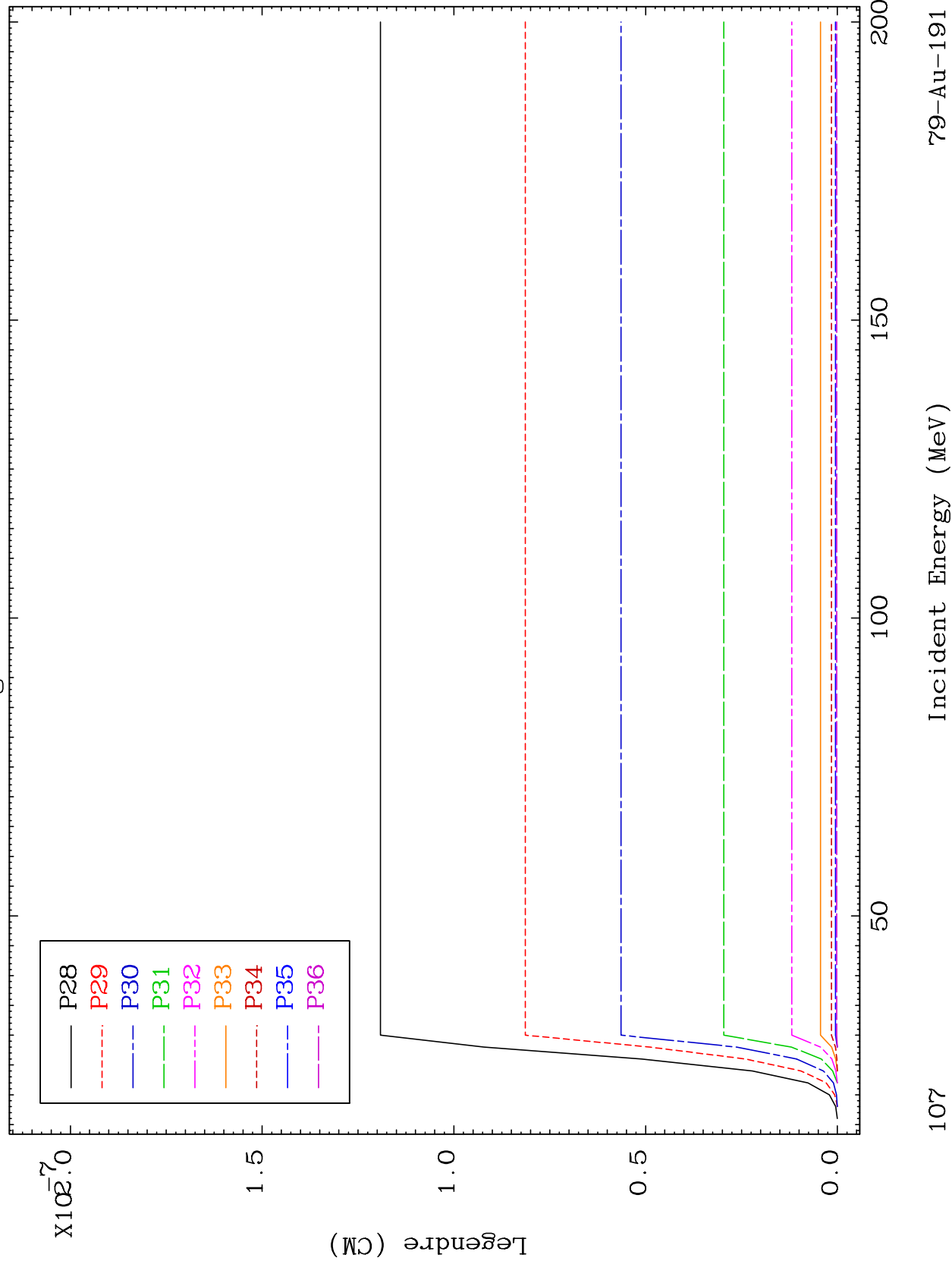
Incident Energy (MeV)

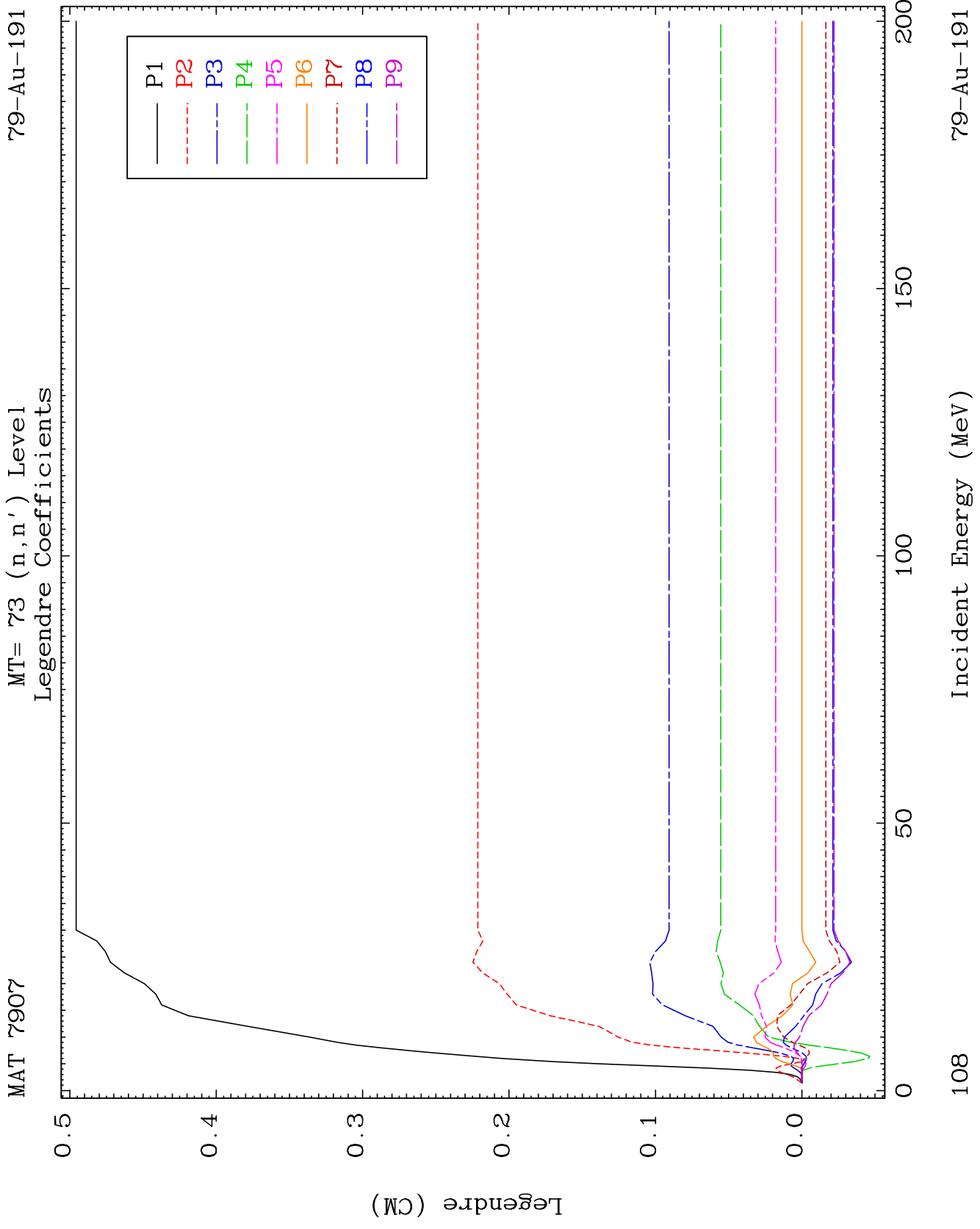
79-Au-191

MAT 7907

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

79-Au-191

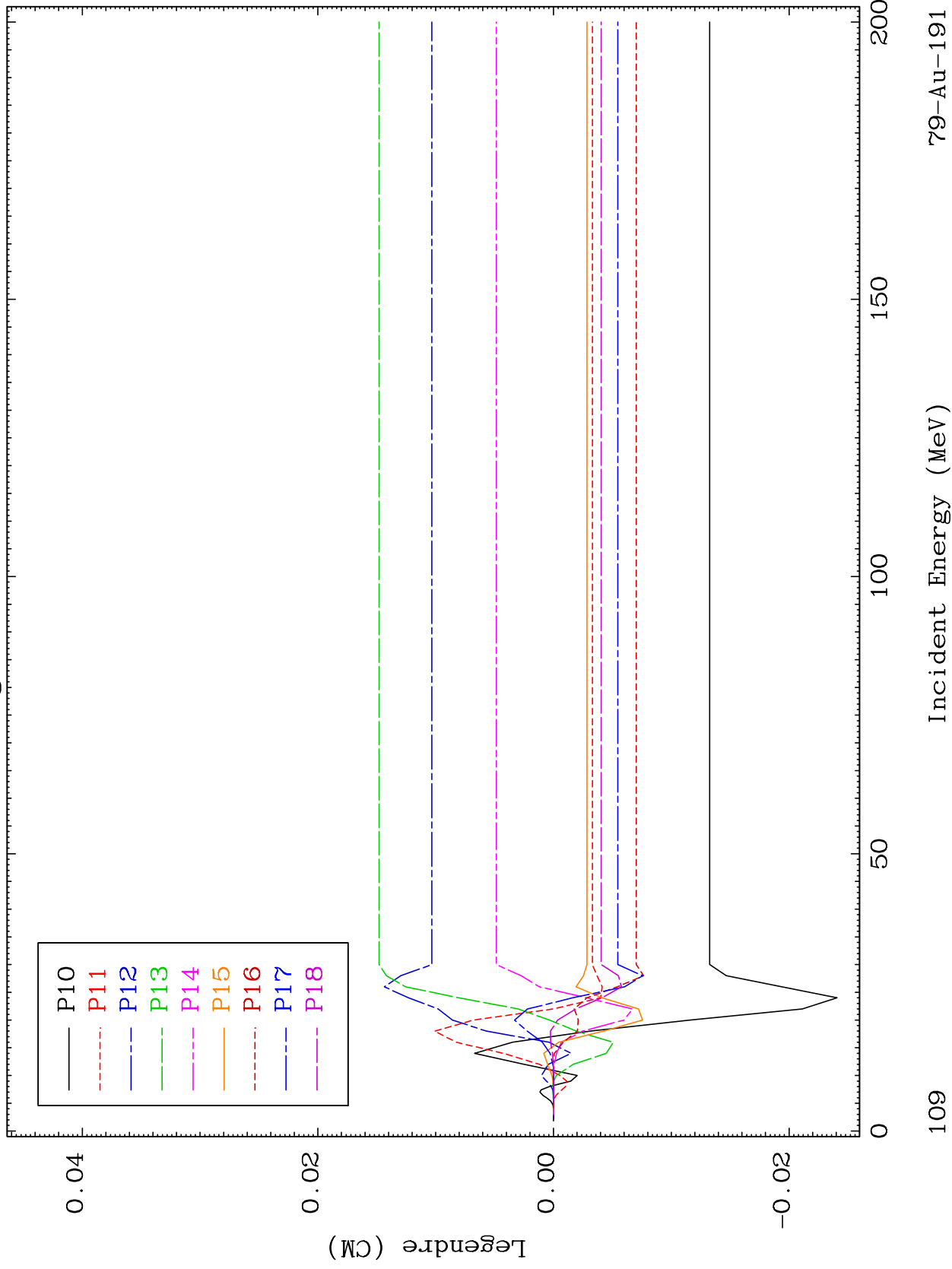




MAT 7907

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

79-Au-191



79-Au-191

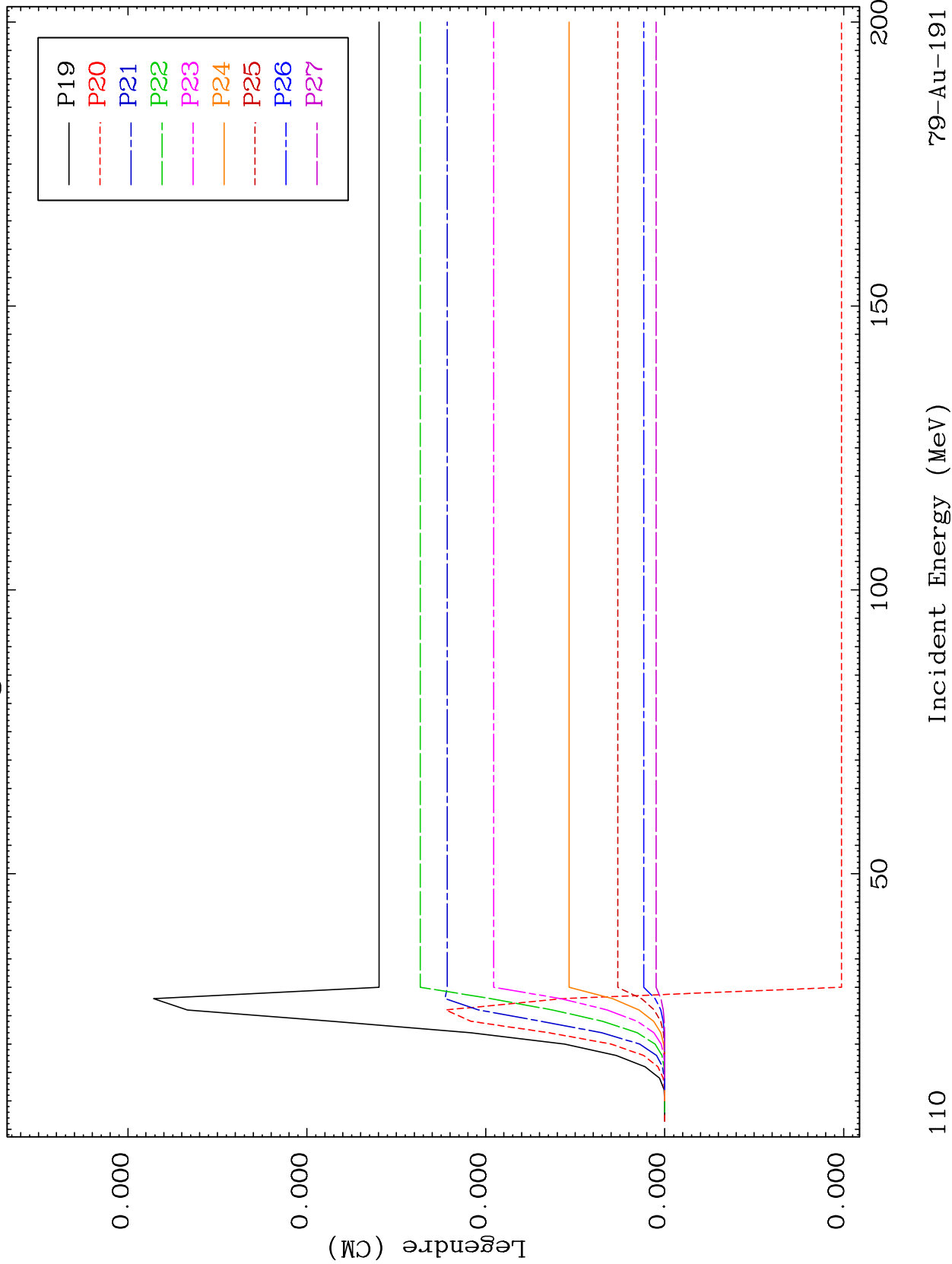
Incident Energy (MeV)

109

MAT 7907

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

79-Au-191



110

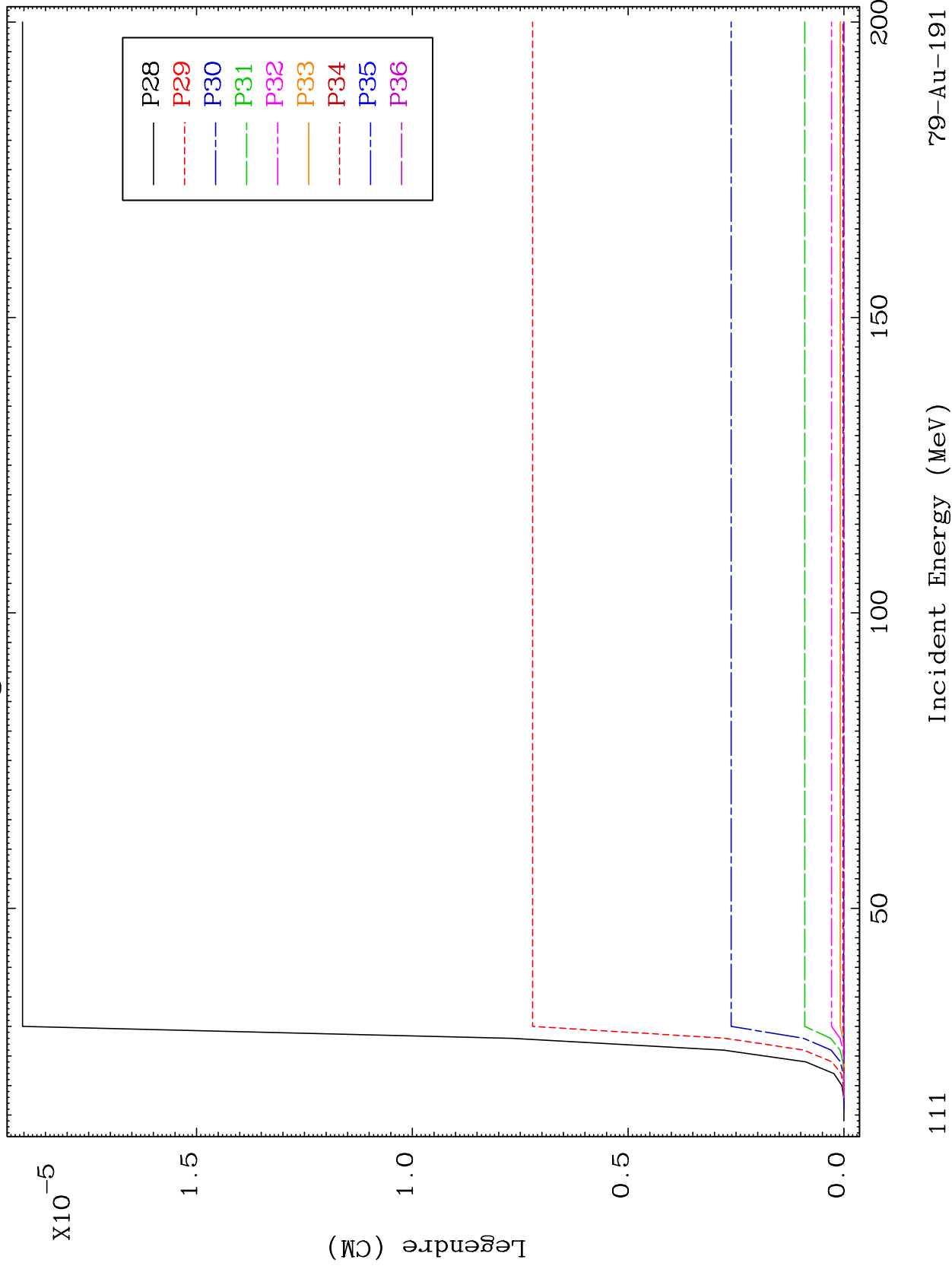
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



111

Incident Energy (MeV)

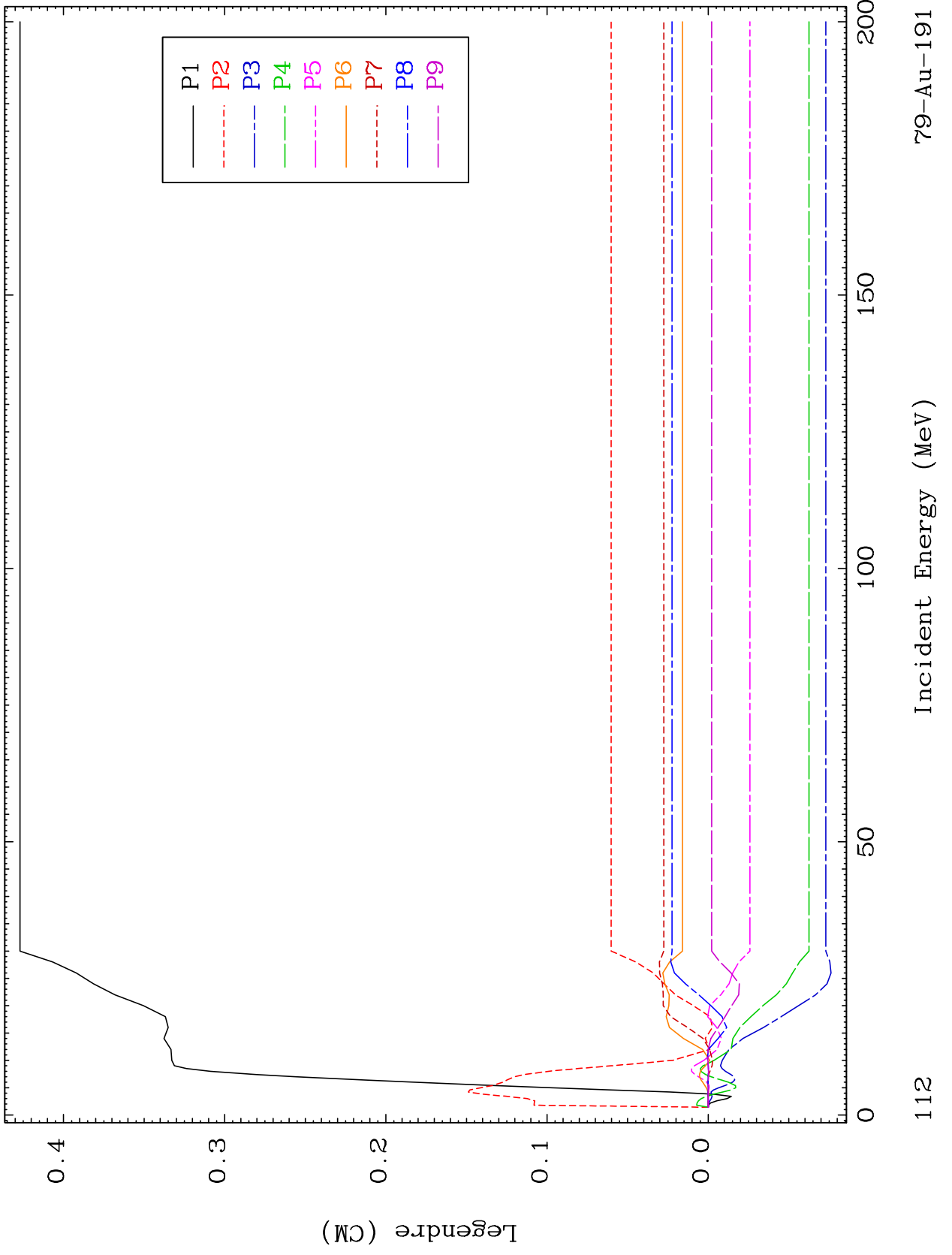
79-Au-191



MAT 7907

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

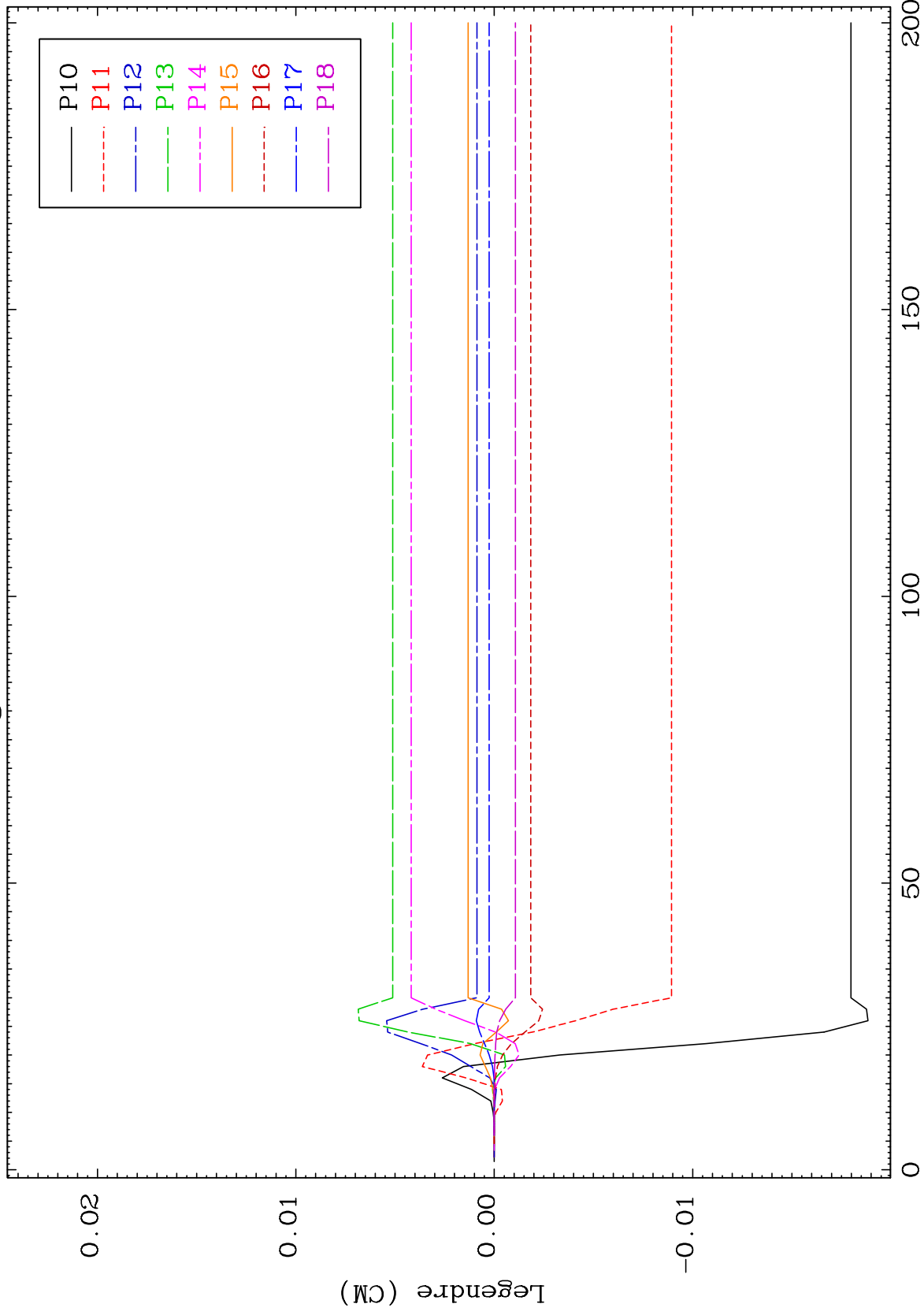
79-Au-191



MAT 7907

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

79-Au-191



113

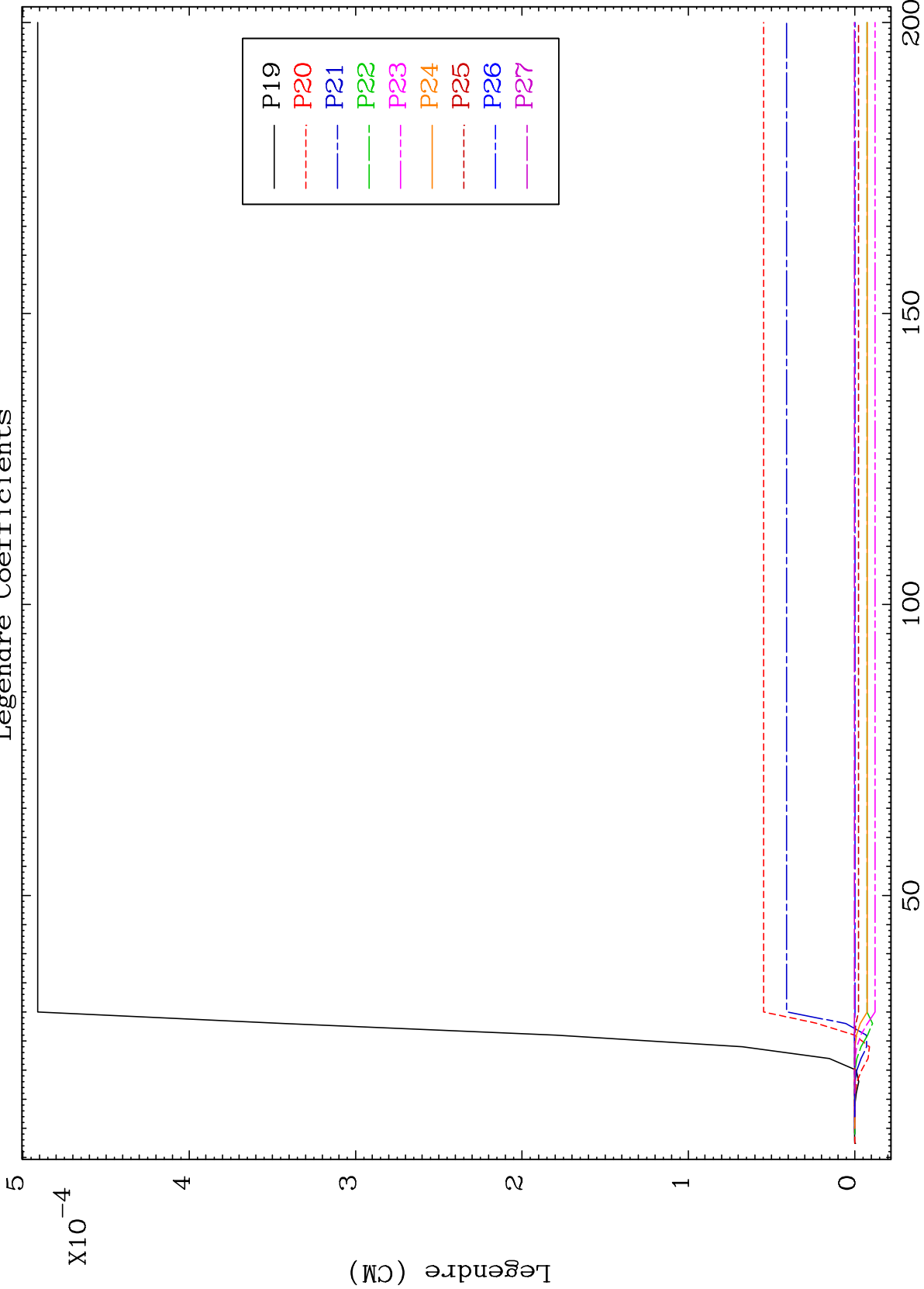
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



114

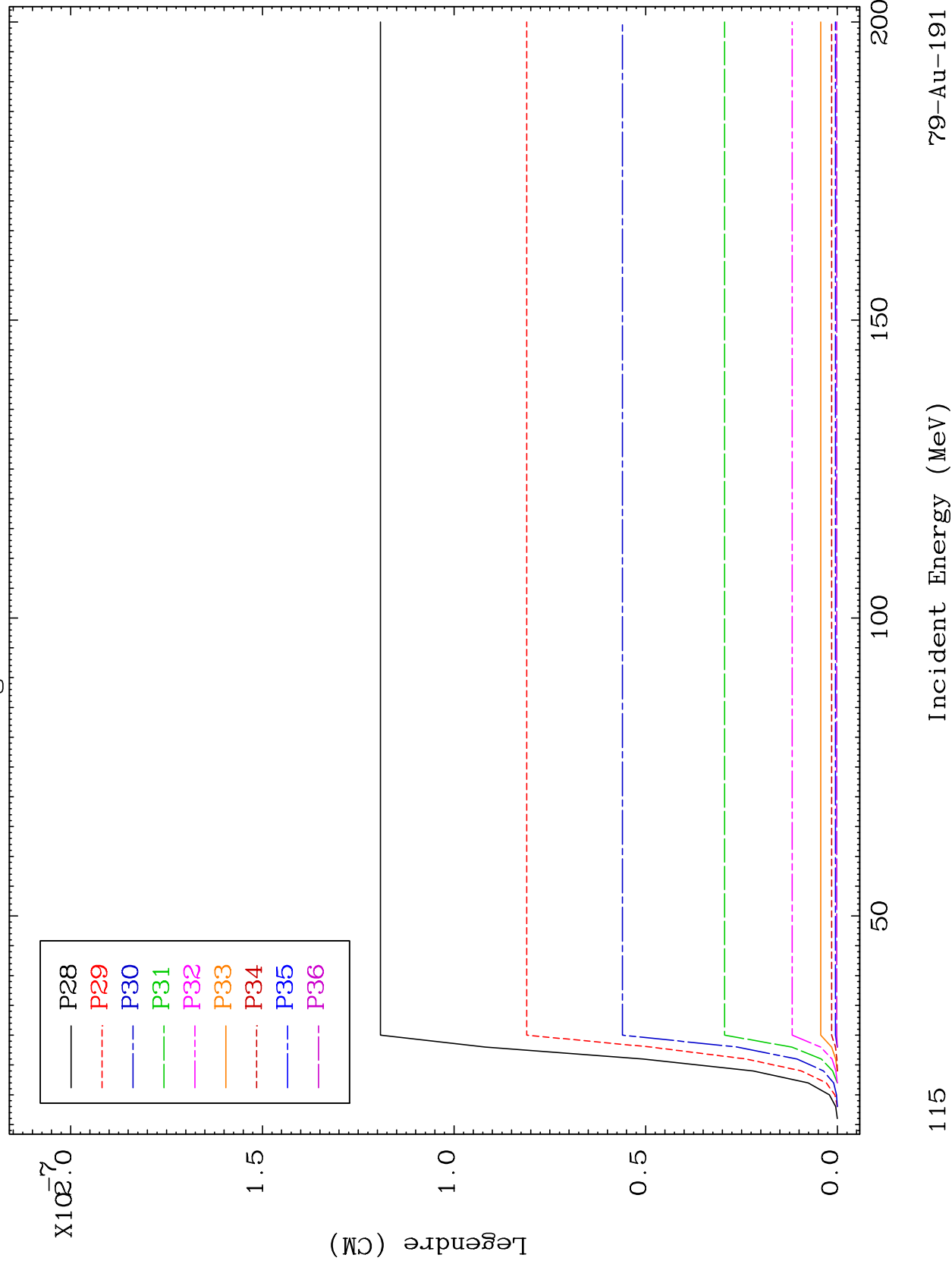
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



115

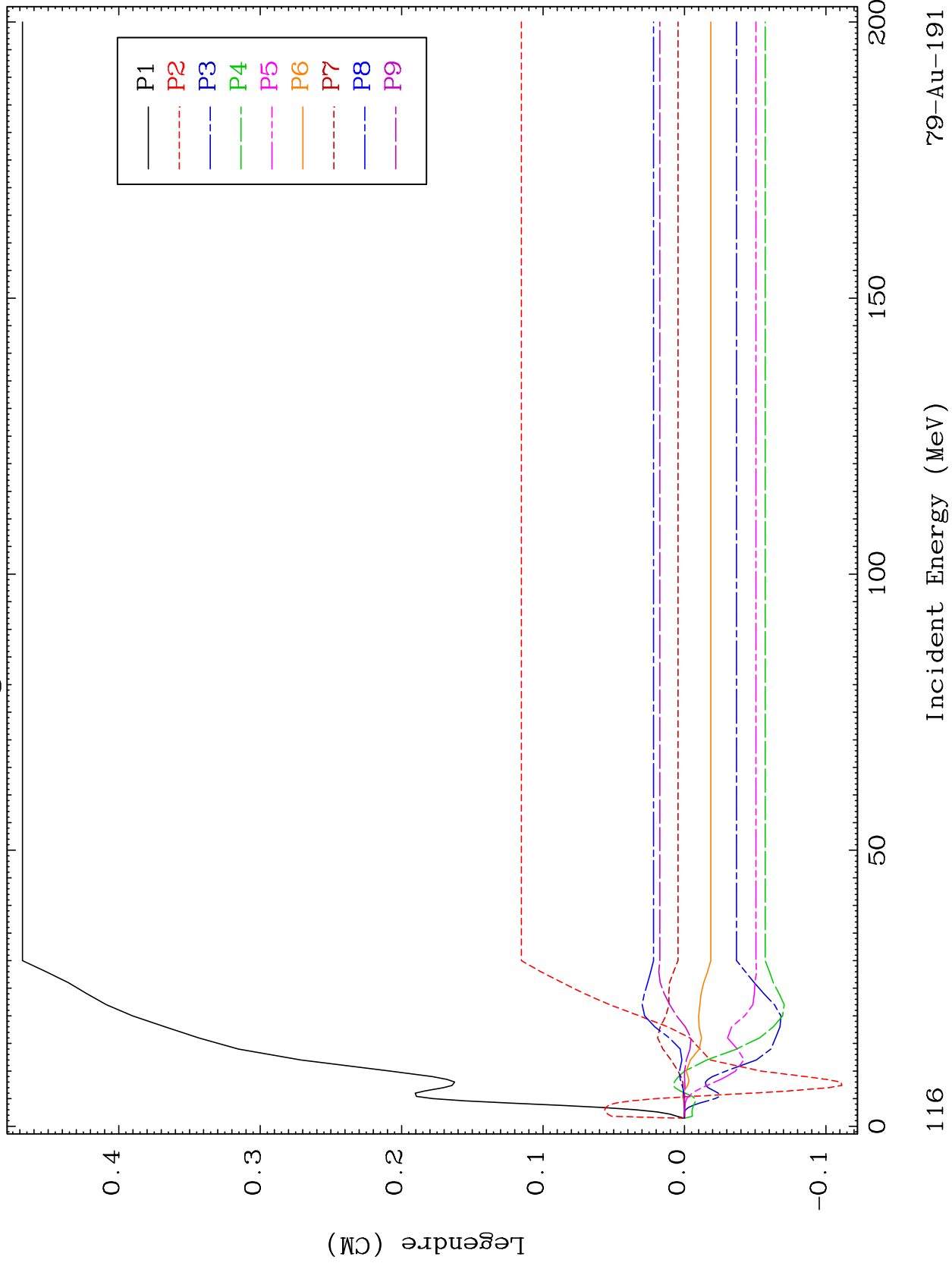
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



79-Au-191

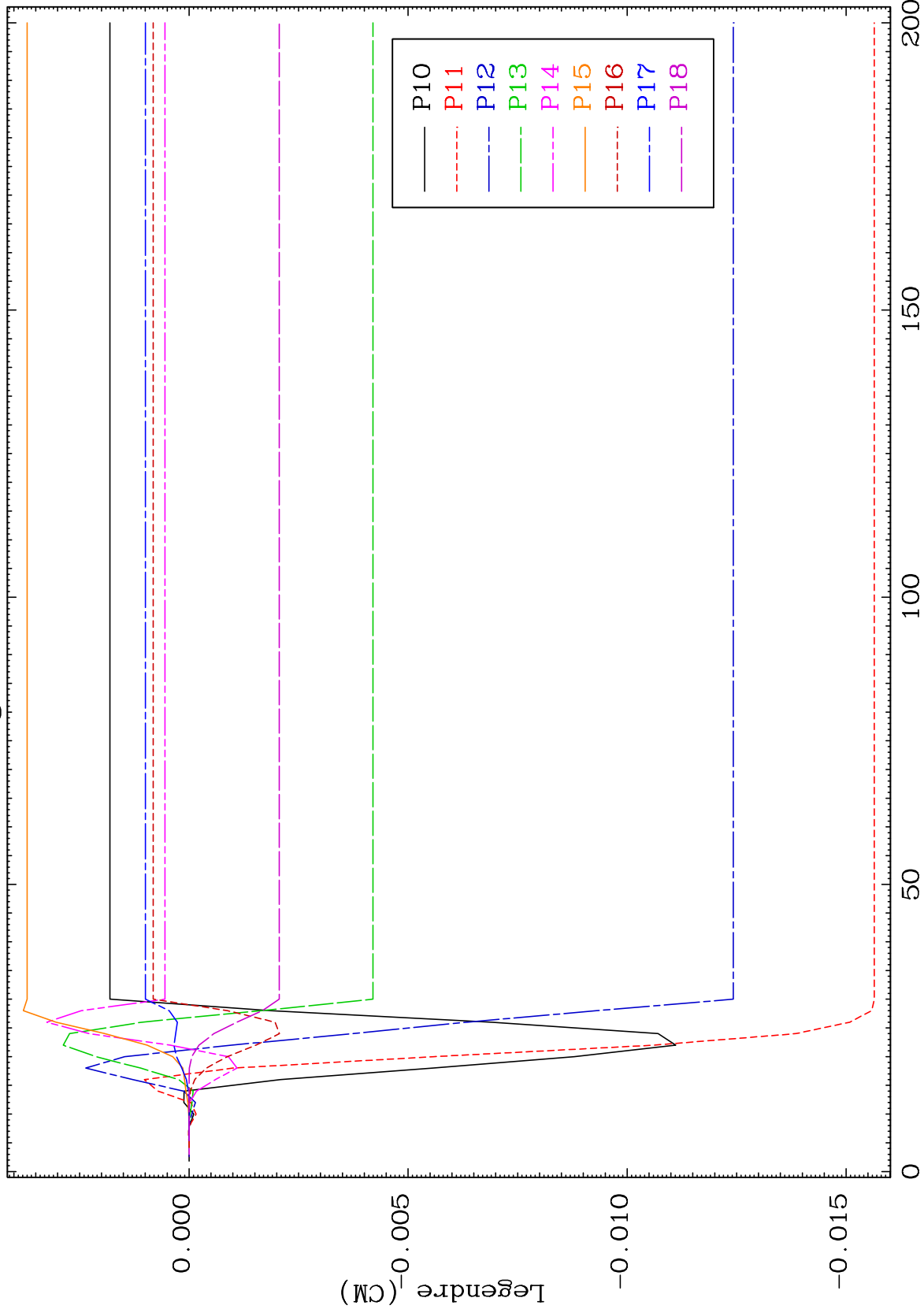
Incident Energy (MeV)

116

MAT 7907

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

79-Au-191



117

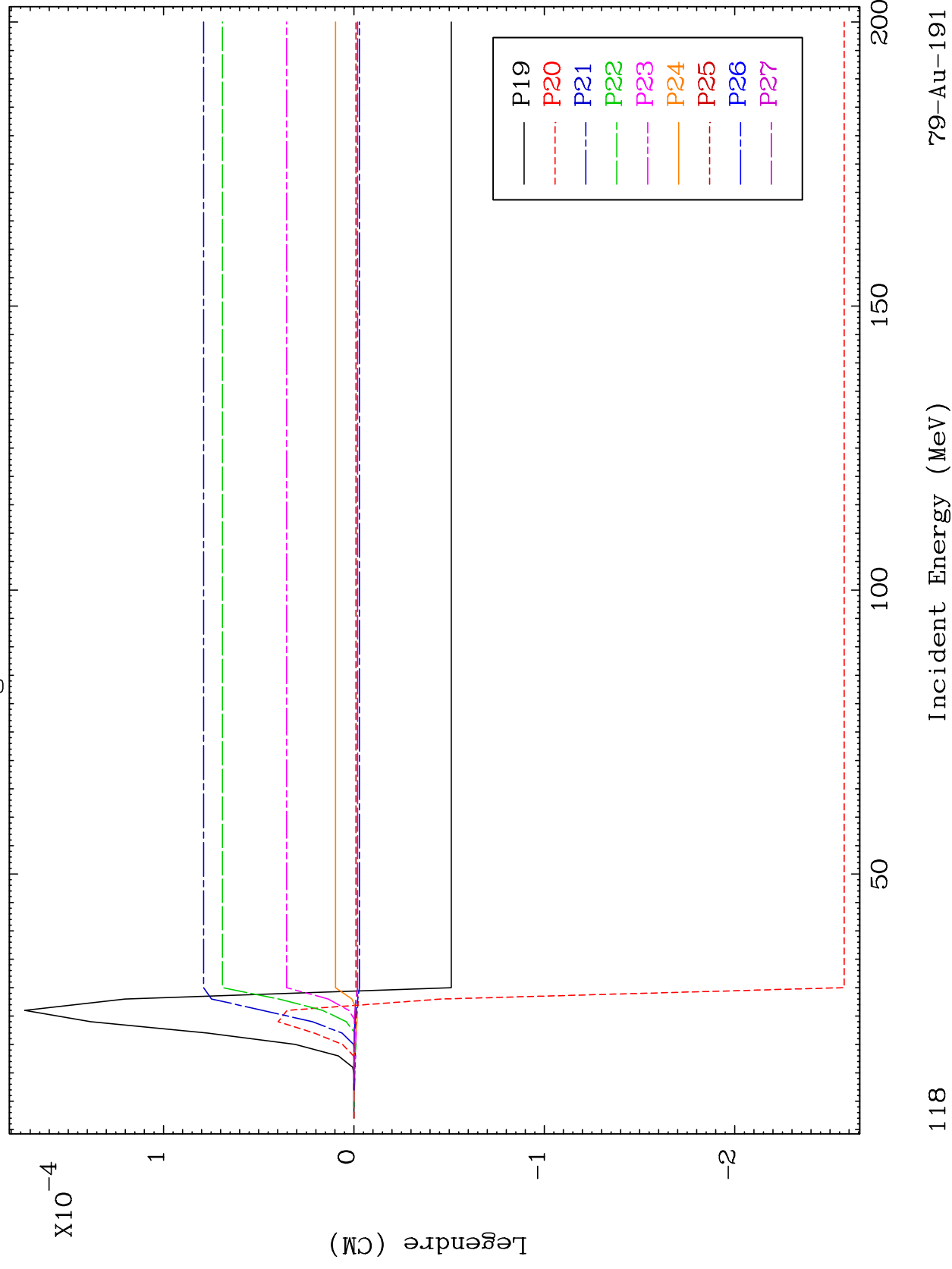
Incident Energy (MeV)

79-Au-191

MAT 7907

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

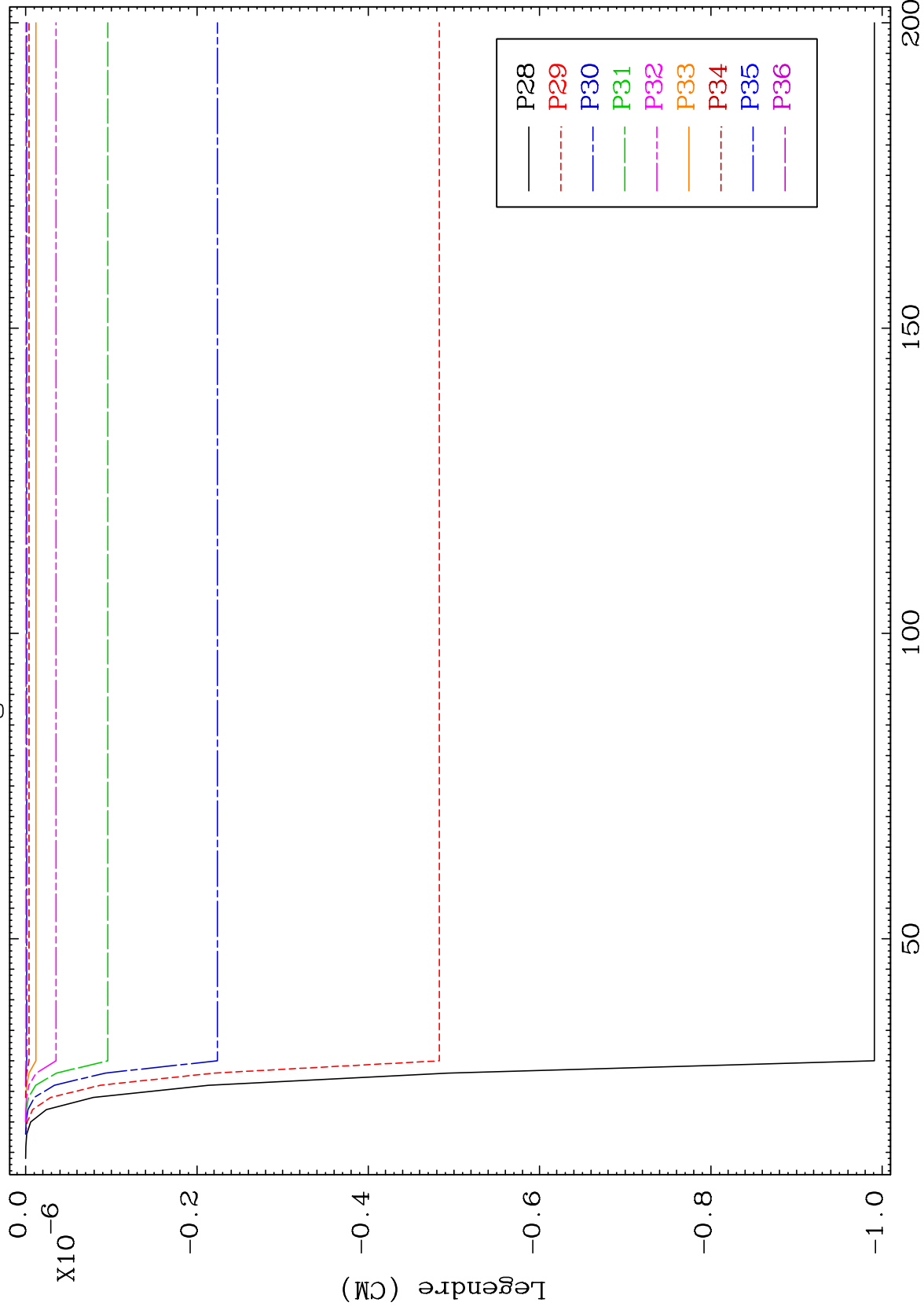
79-Au-191



MAT 7907

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

79-Au-191

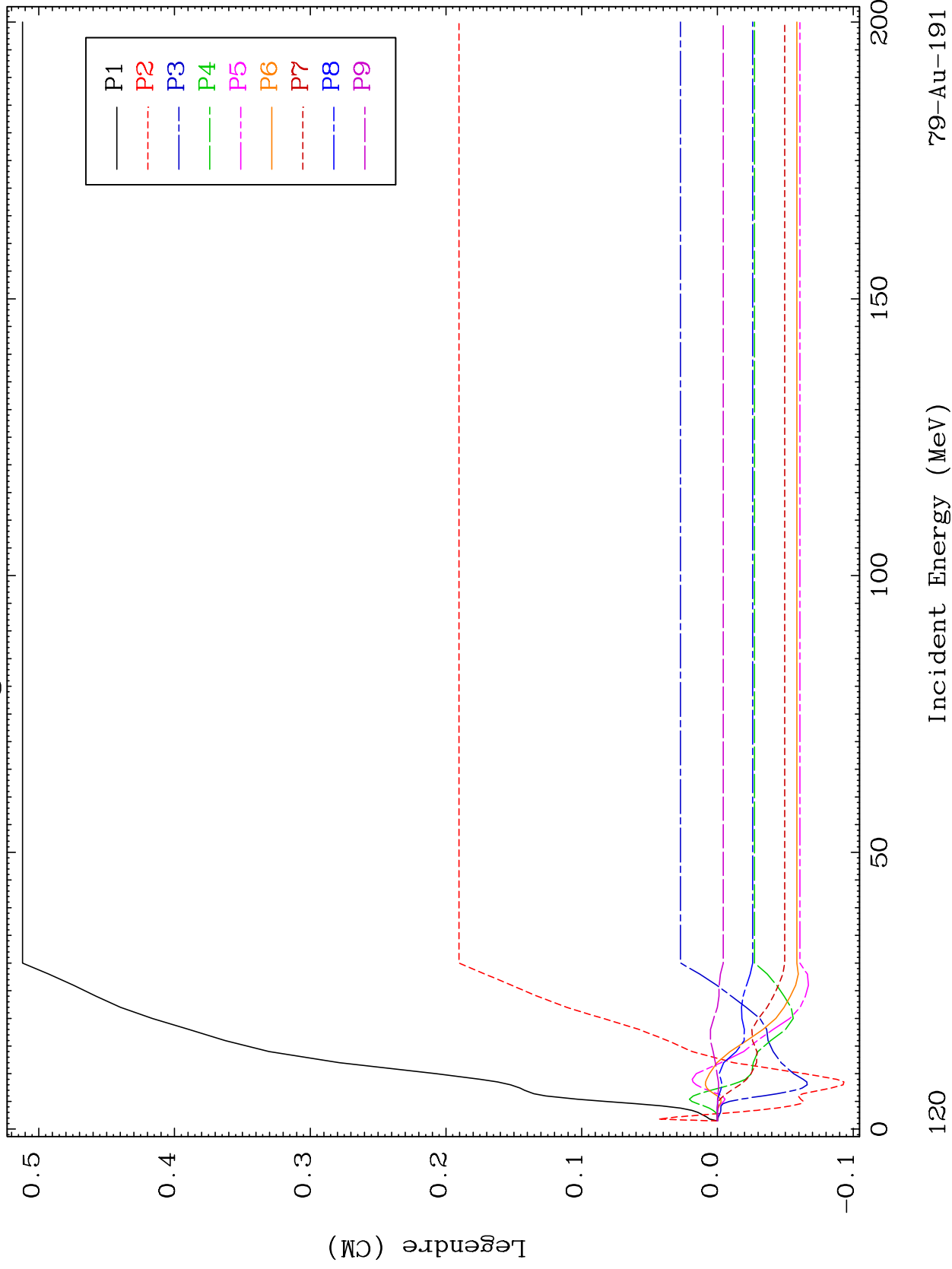




MAT 7907

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

79-Au-191



79-Au-191

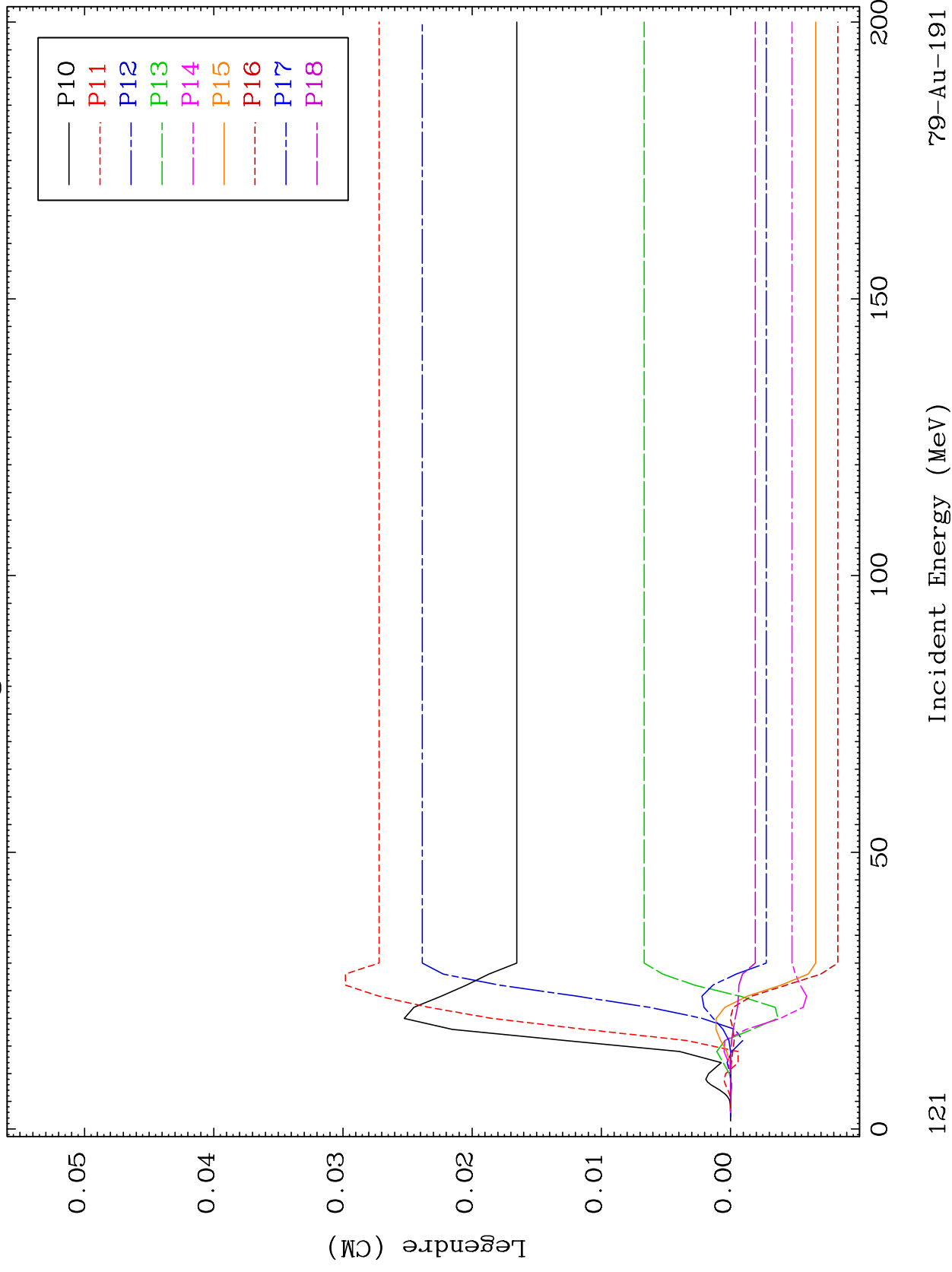
Incident Energy (MeV)

120

MAT 7907

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

79-Au-191



121

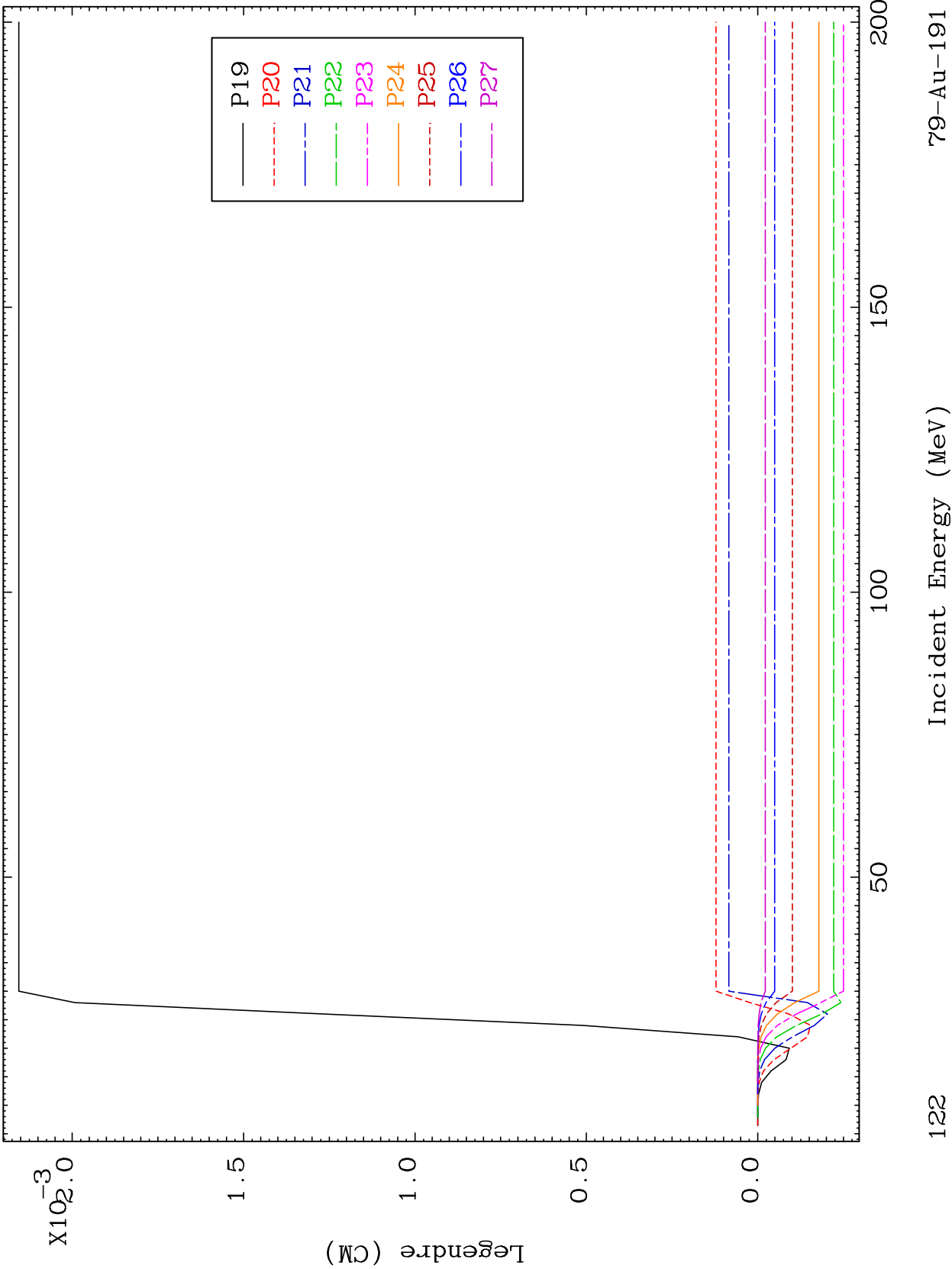
Incident Energy (MeV)

79-Au-191

MAT 7907

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

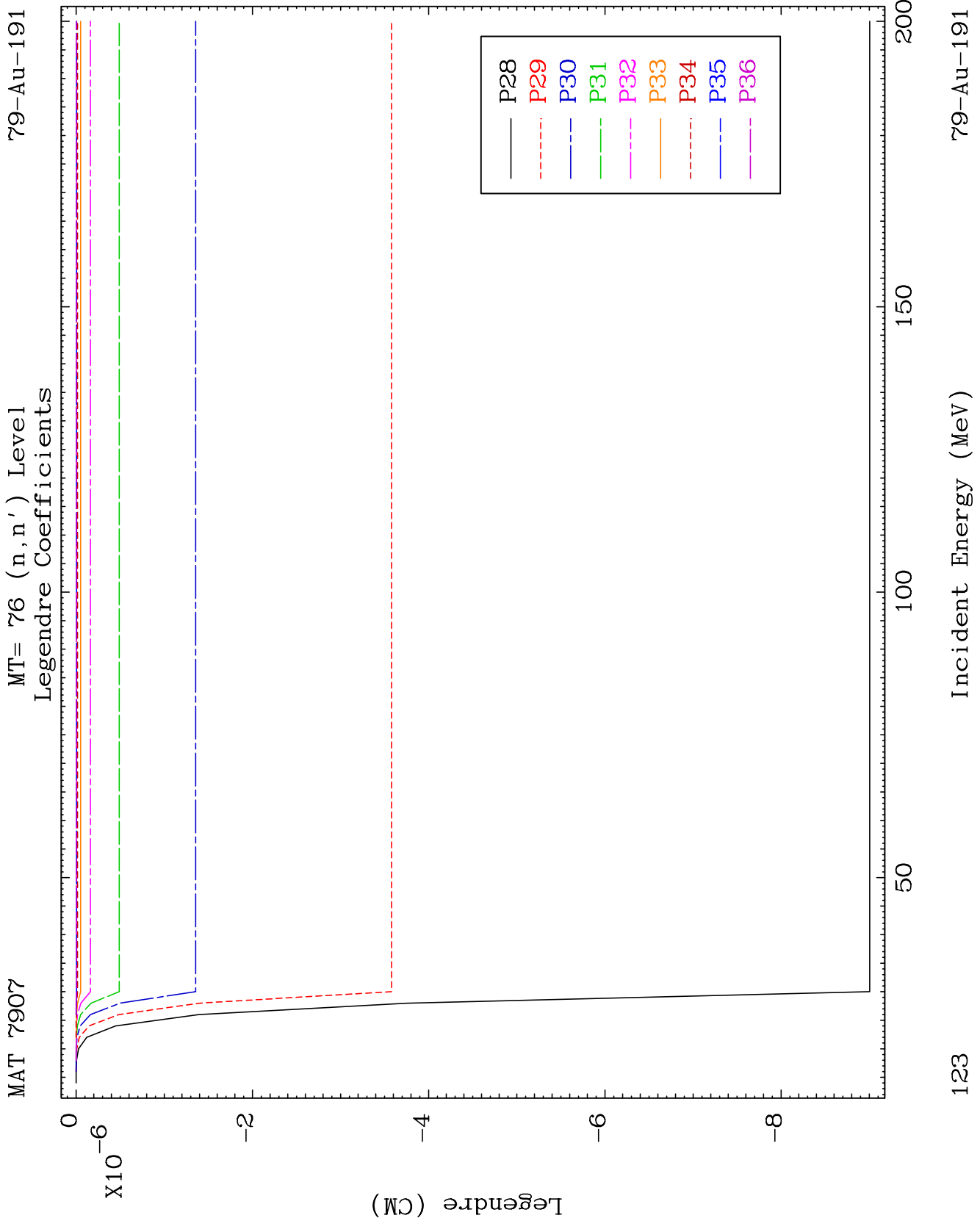
79-Au-191

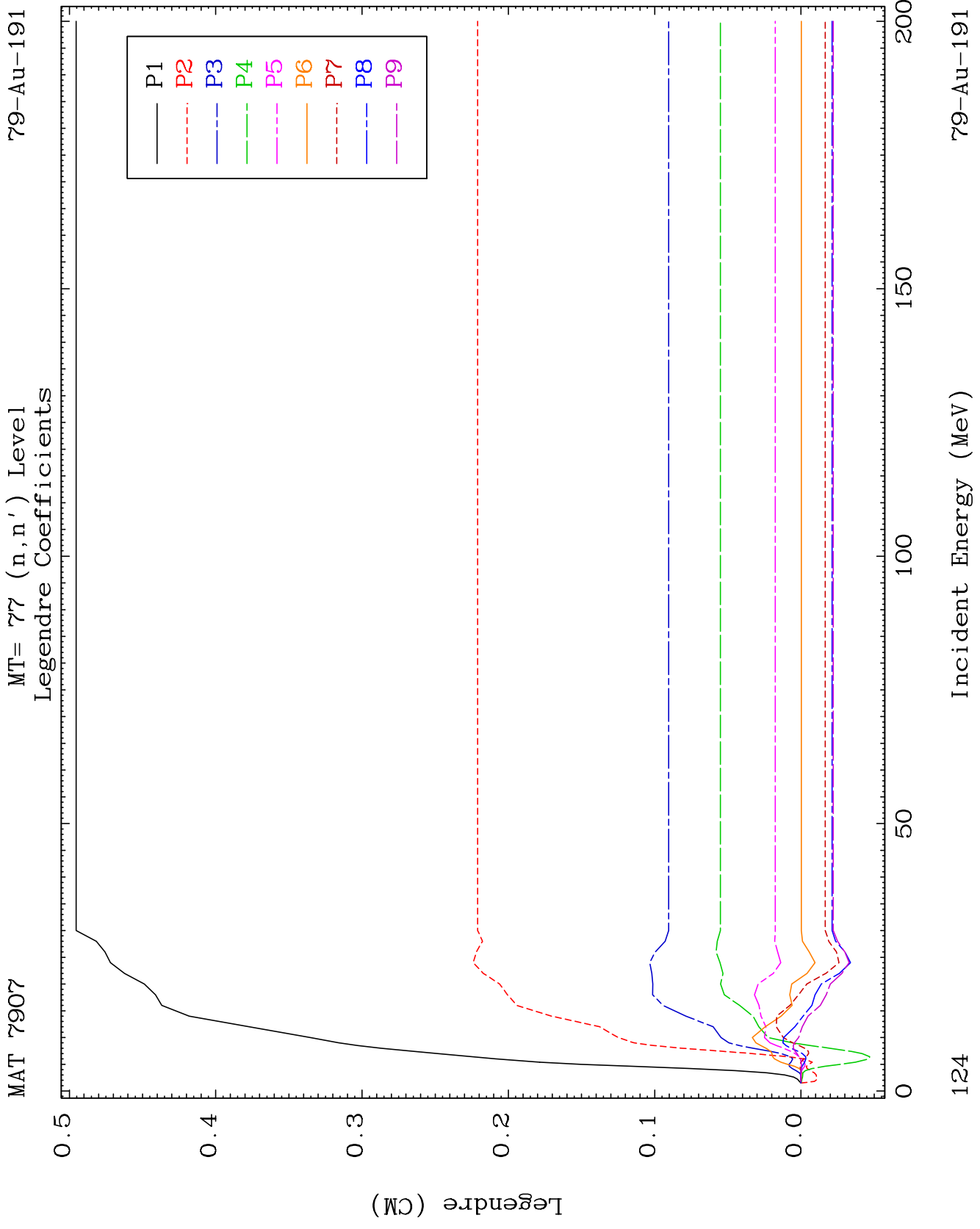


122

Incident Energy (MeV)

79-Au-191

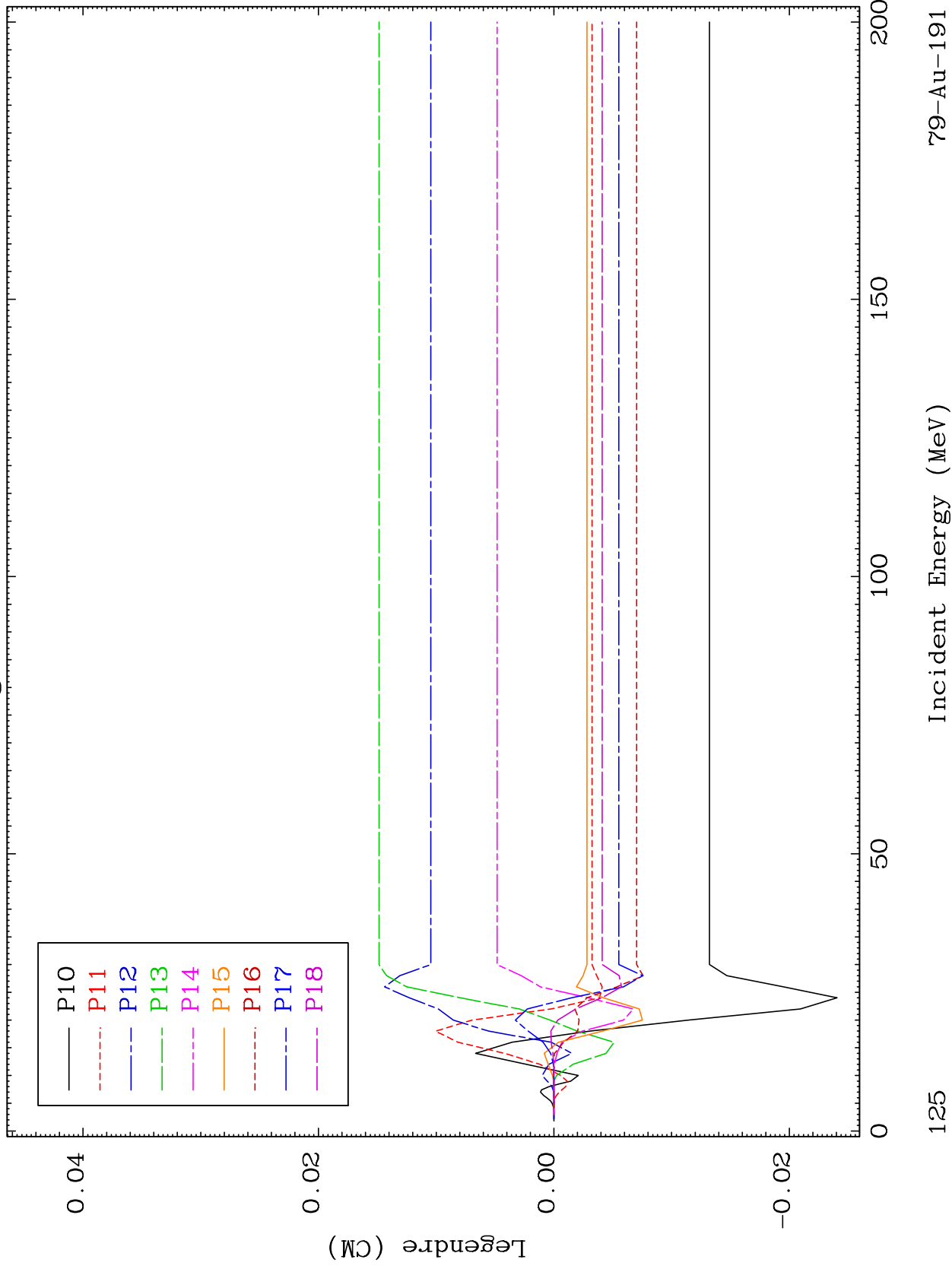




MAT 7907

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

79-Au-191



79-Au-191

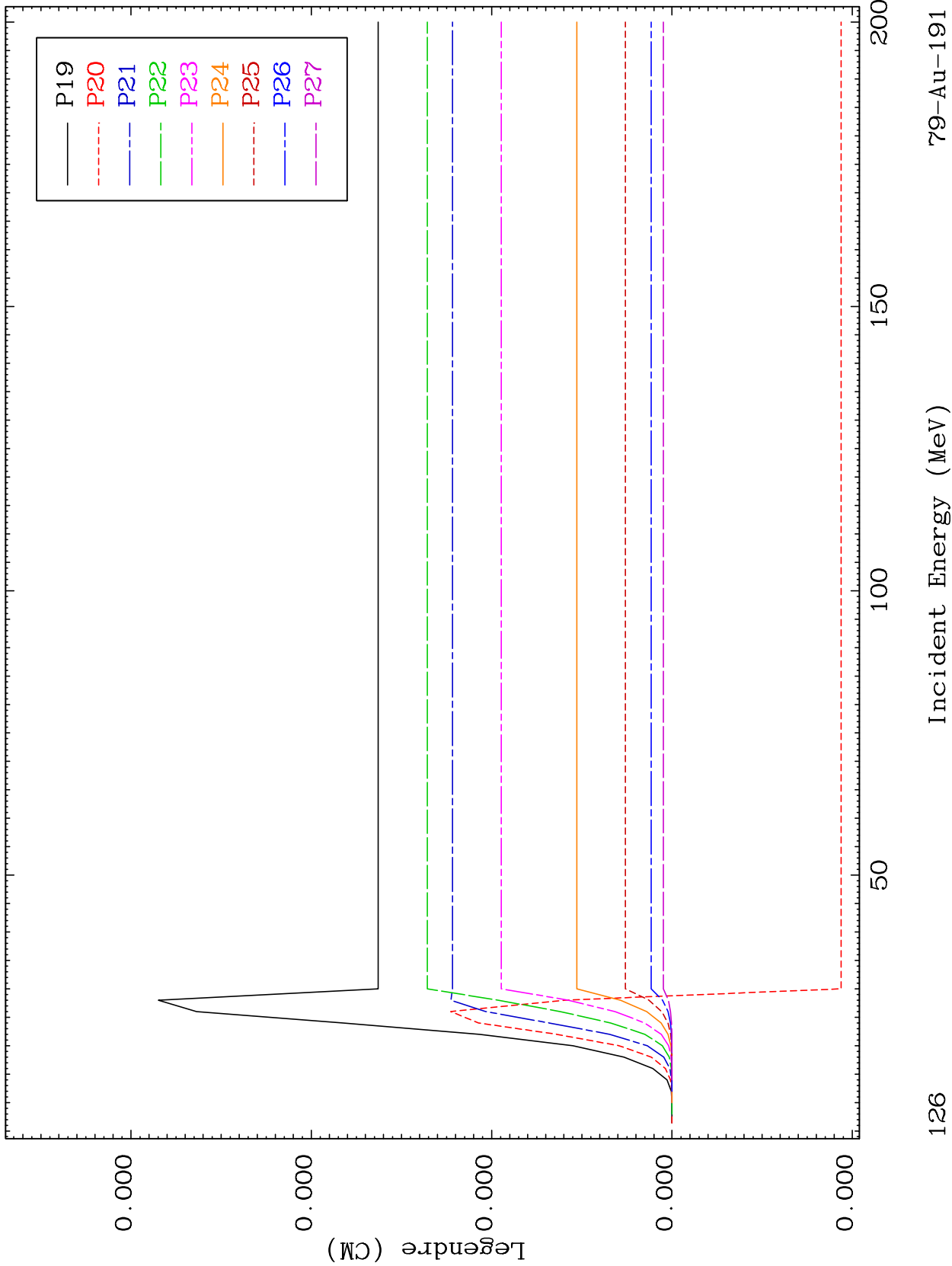
Incident Energy (MeV)

125

MAT 7907

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

79-Au-191



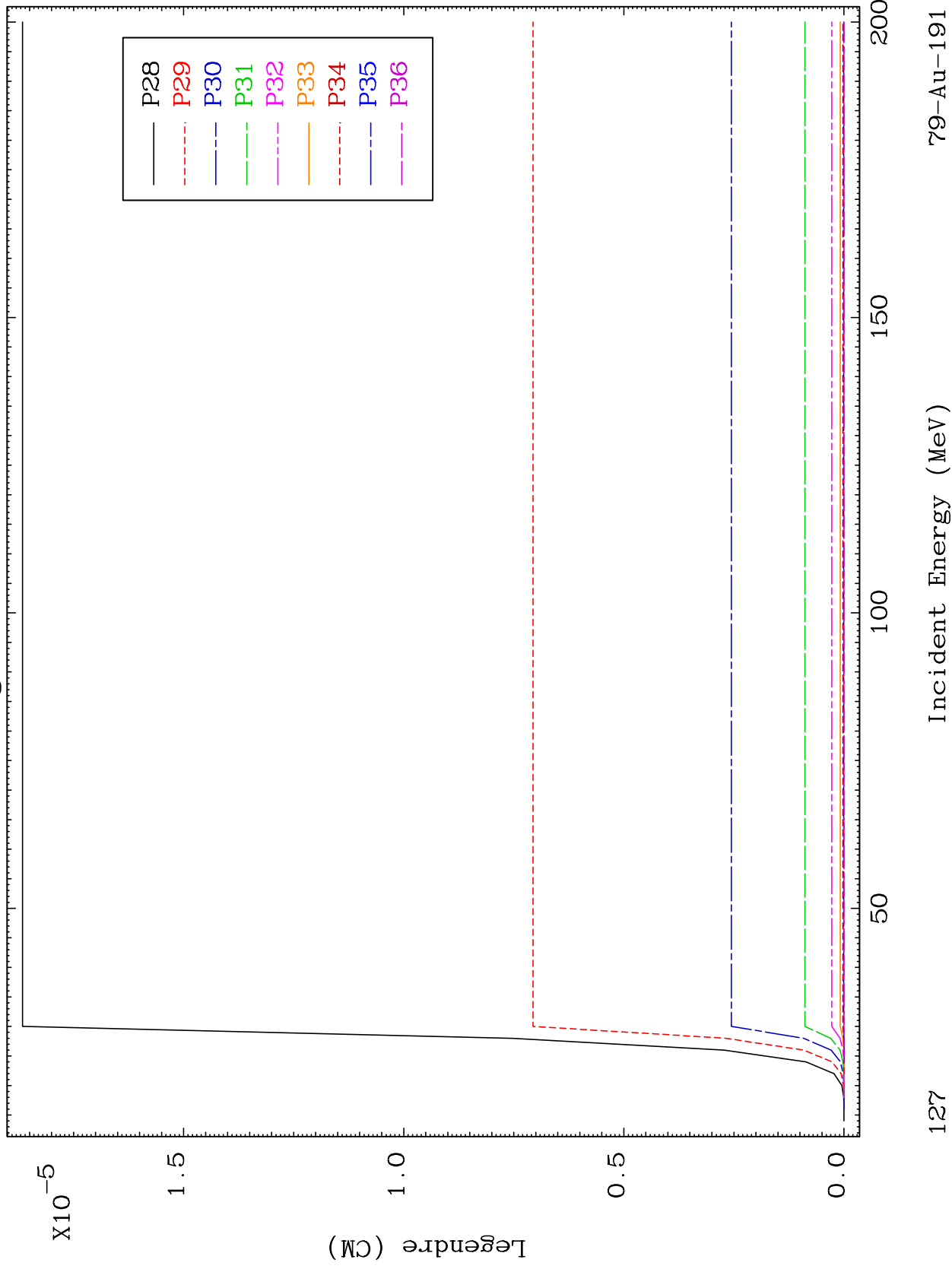
126

79-Au-191

MAT 7907

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

79-Au-191



127

Incident Energy (MeV)

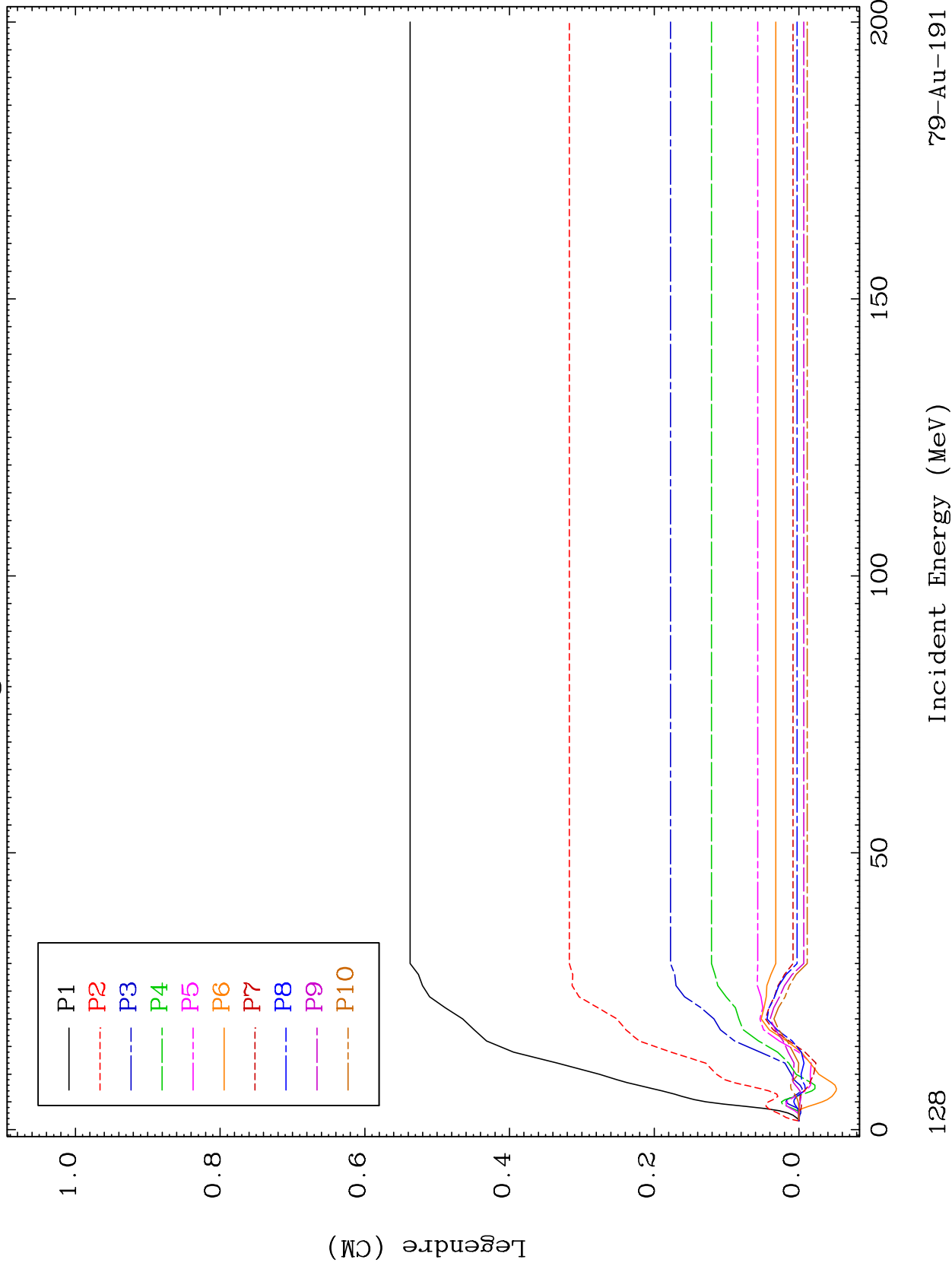
79-Au-191



MAT 7907

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

79-Au-191



79-Au-191

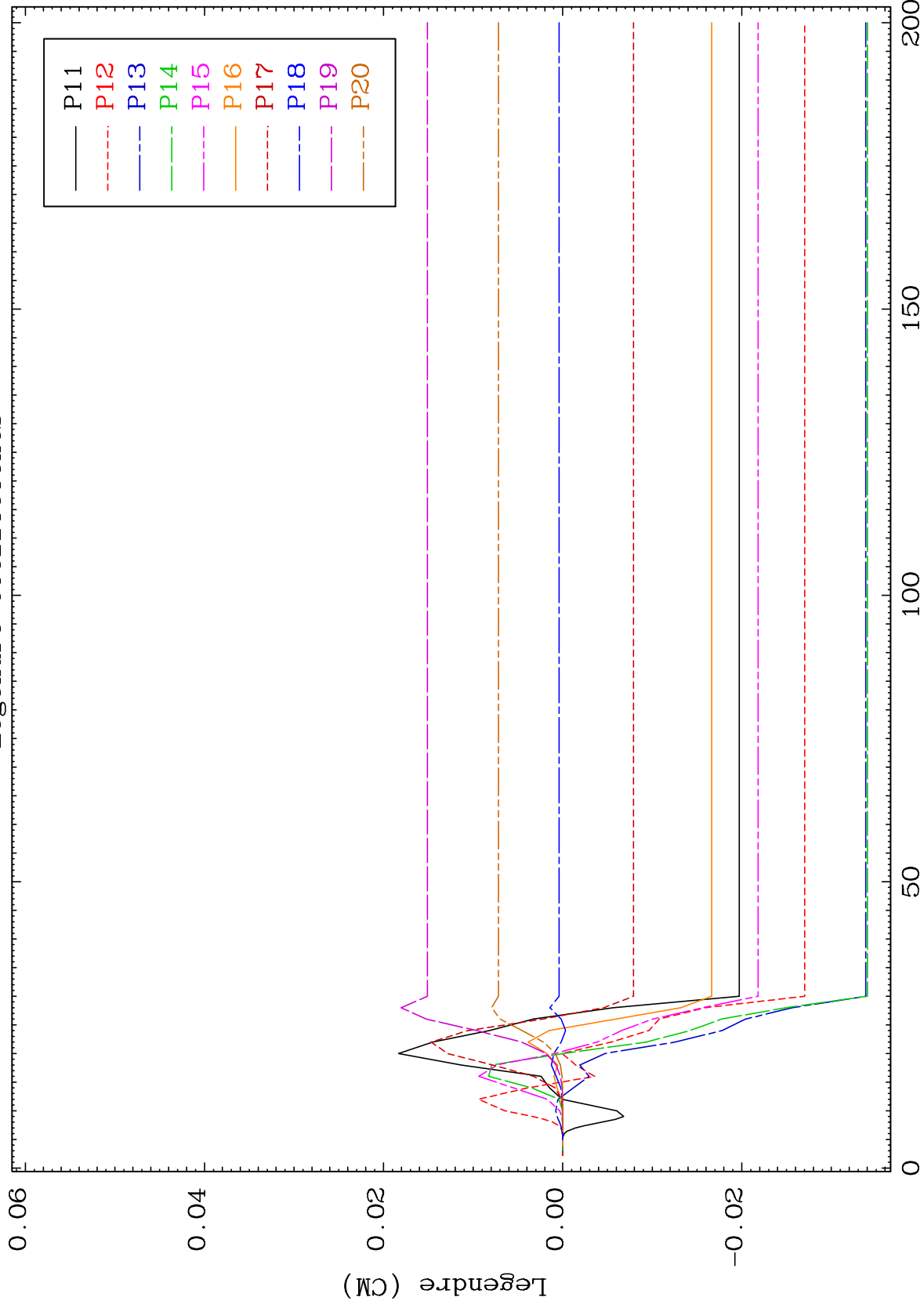
Incident Energy (MeV)

128

MAT 7907

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

79-Au-191



129

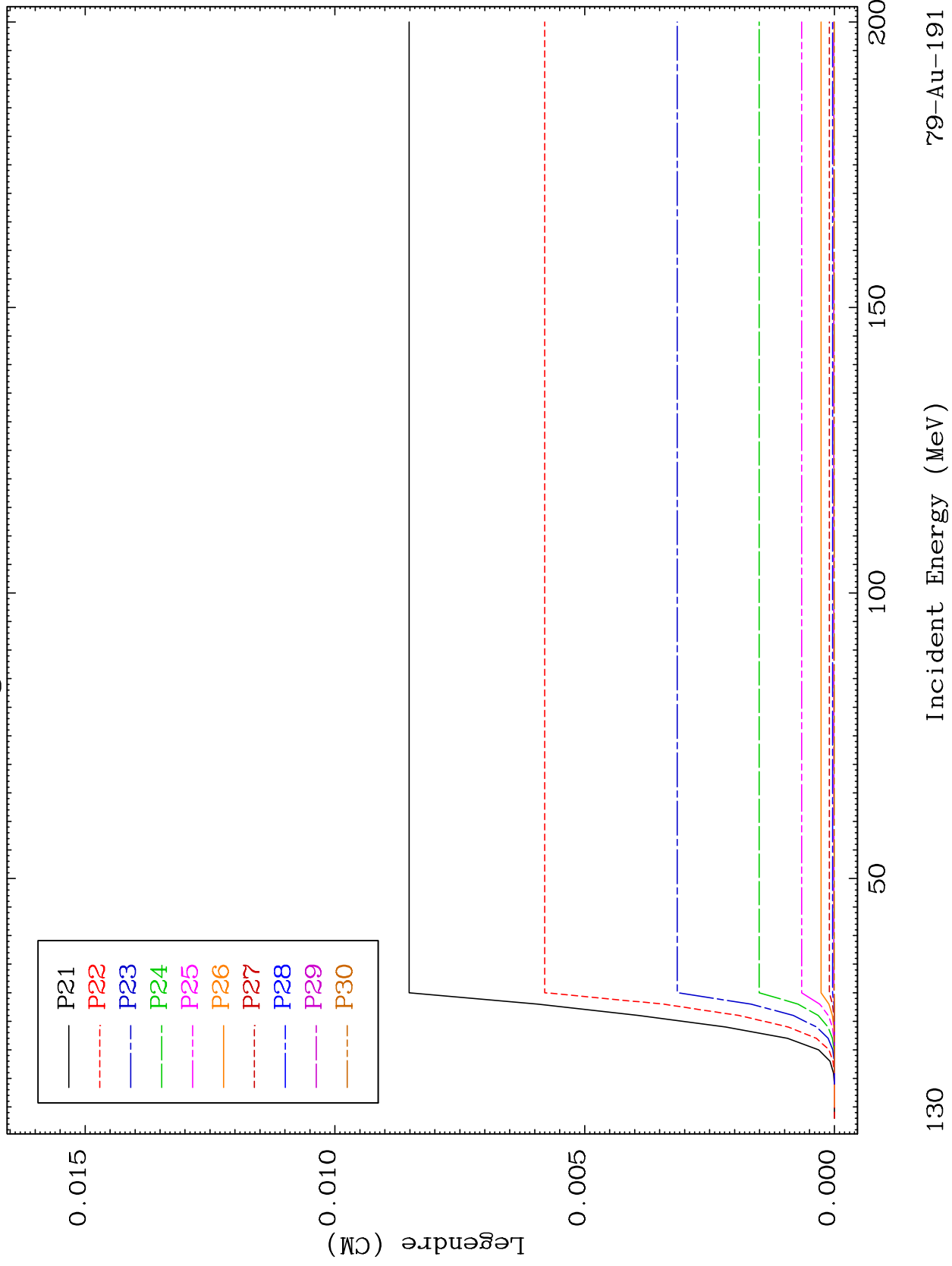
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



130

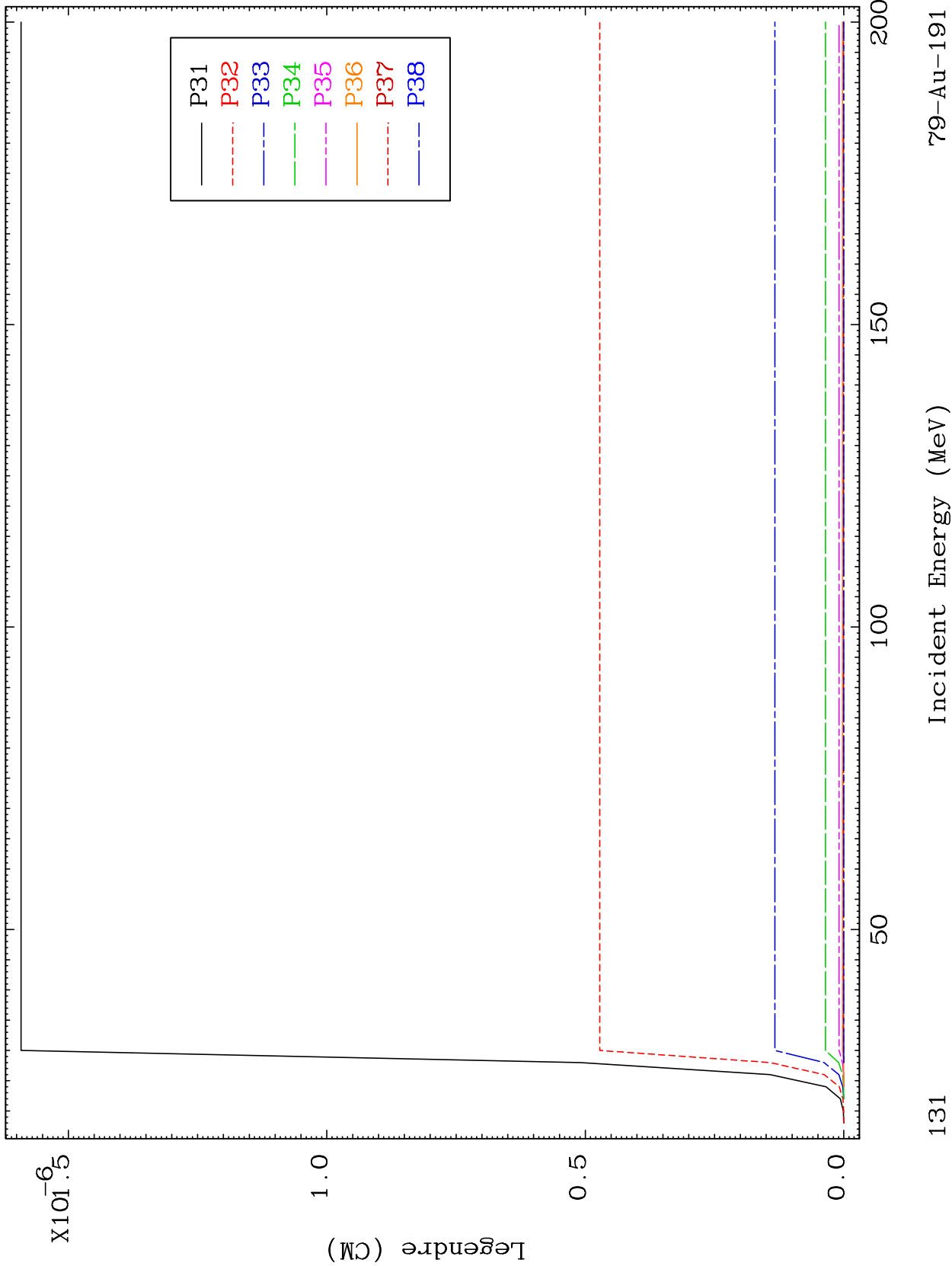
Incident Energy (MeV)

79-Au-191

MAT 7907

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

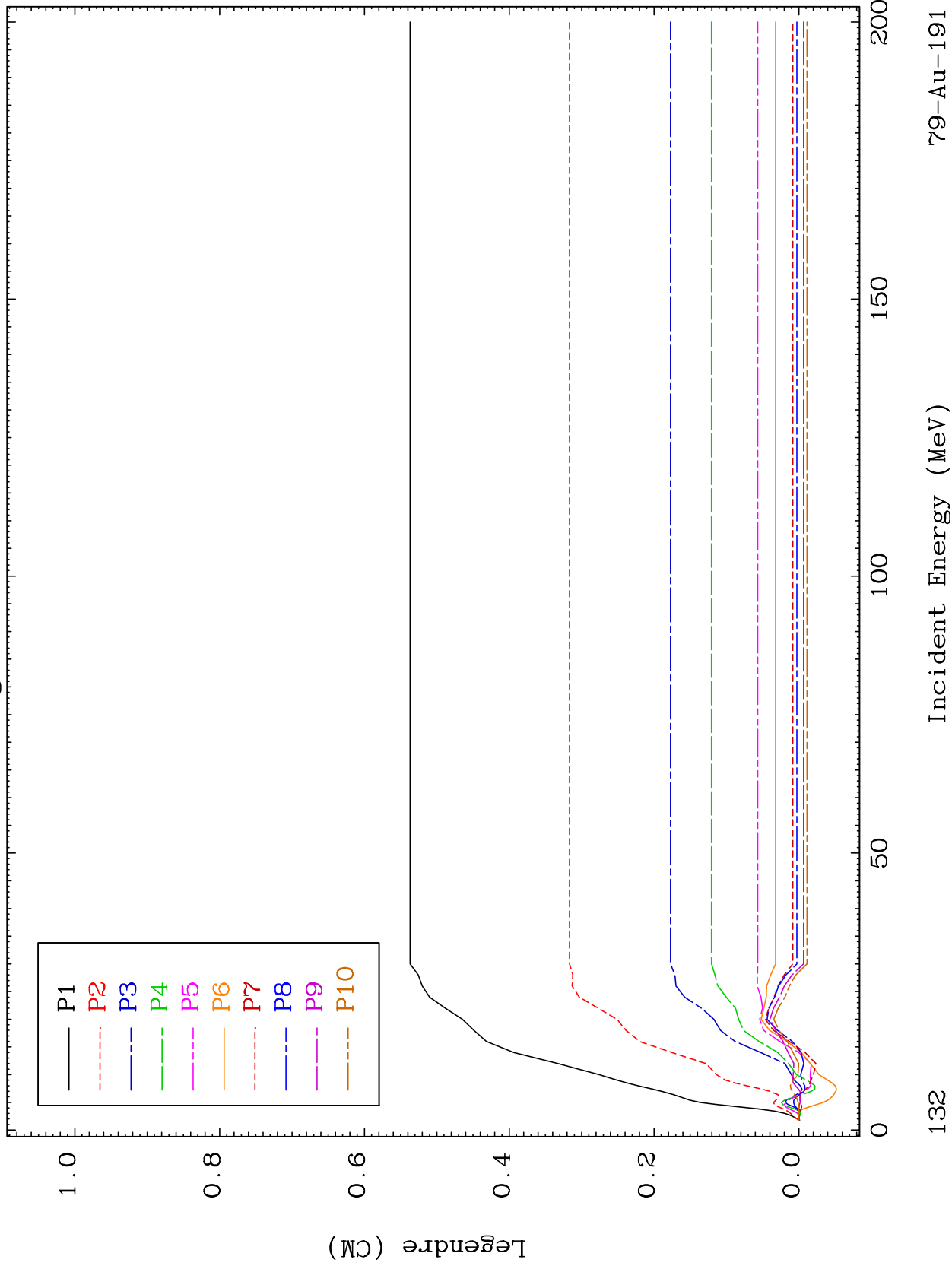
79-Au-191



MAT 7907

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

79-Au-191

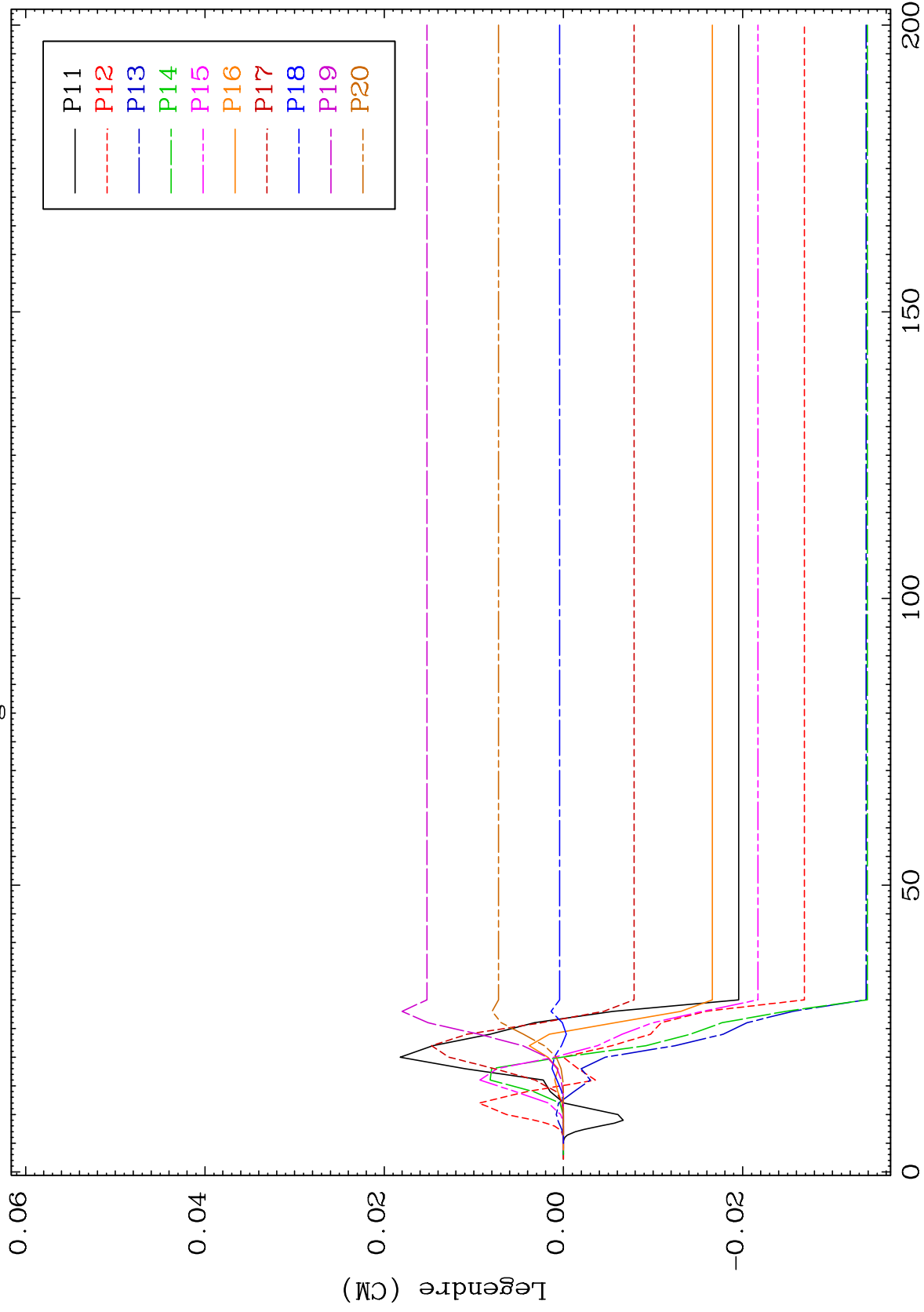


132

MAT 7907

79-Au-191

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



133

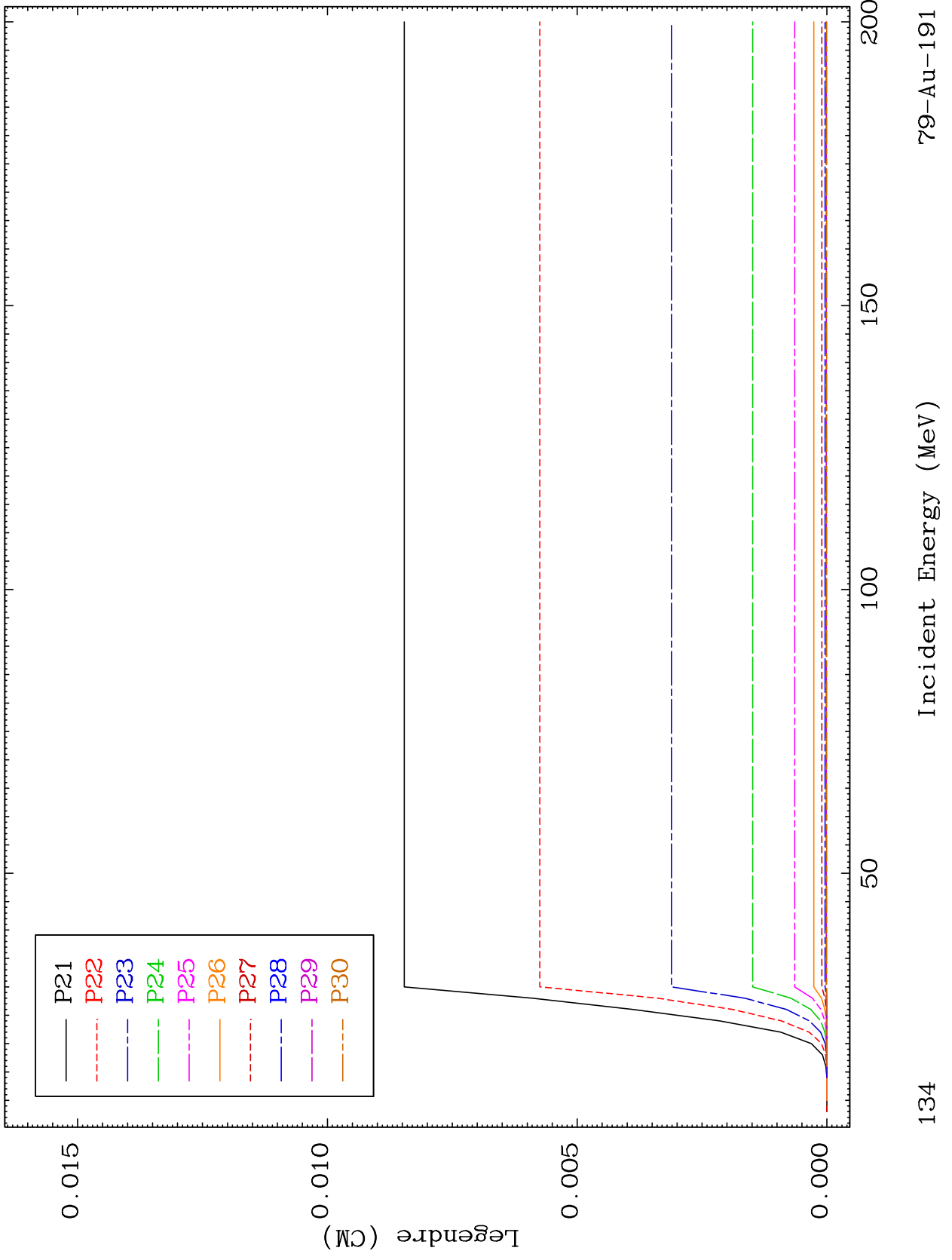
Incident Energy (MeV)

79-Au-191

MAT 7907

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

79-Au-191



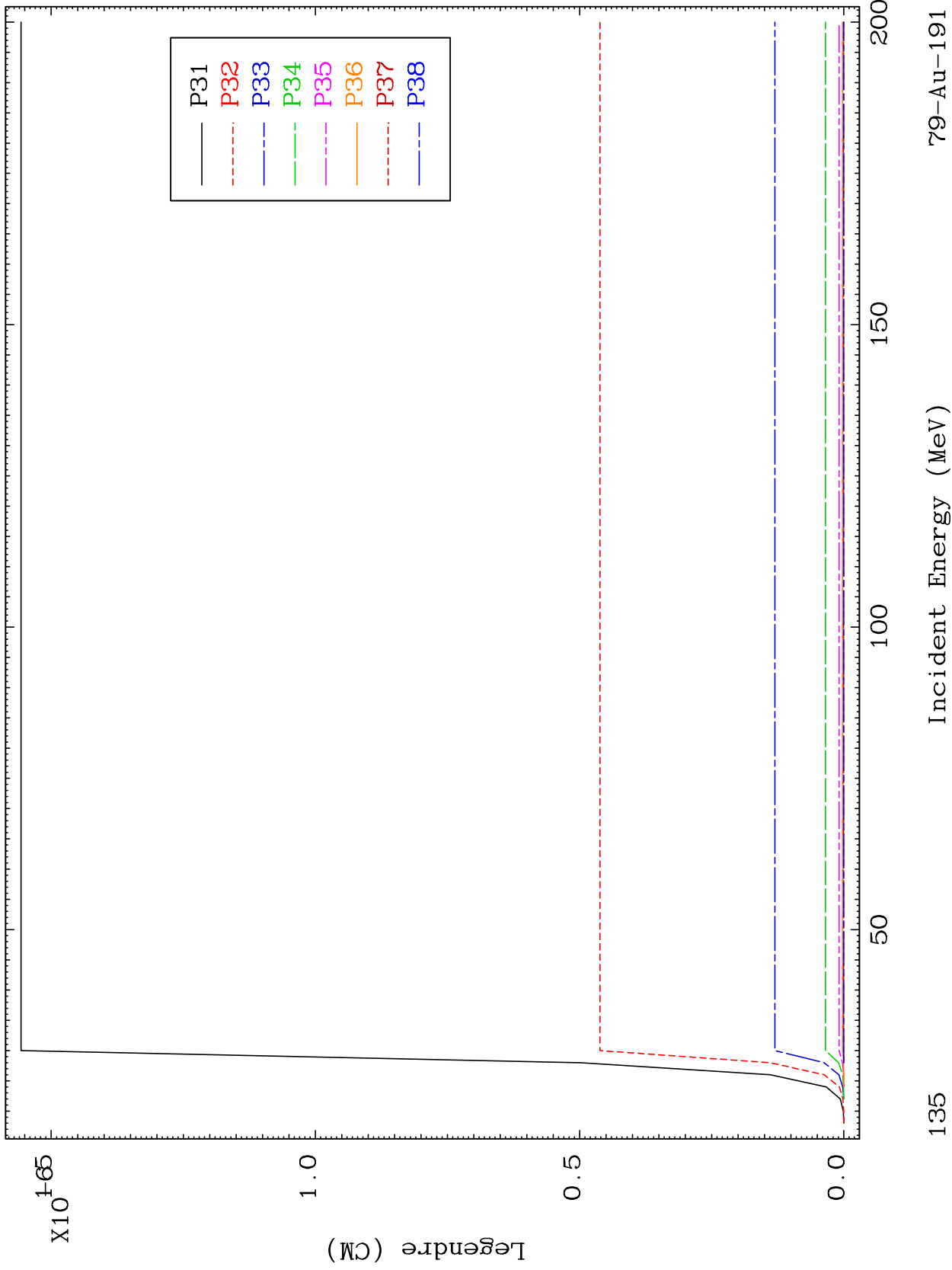
134

79-Au-191

MAT 7907

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

79-Au-191



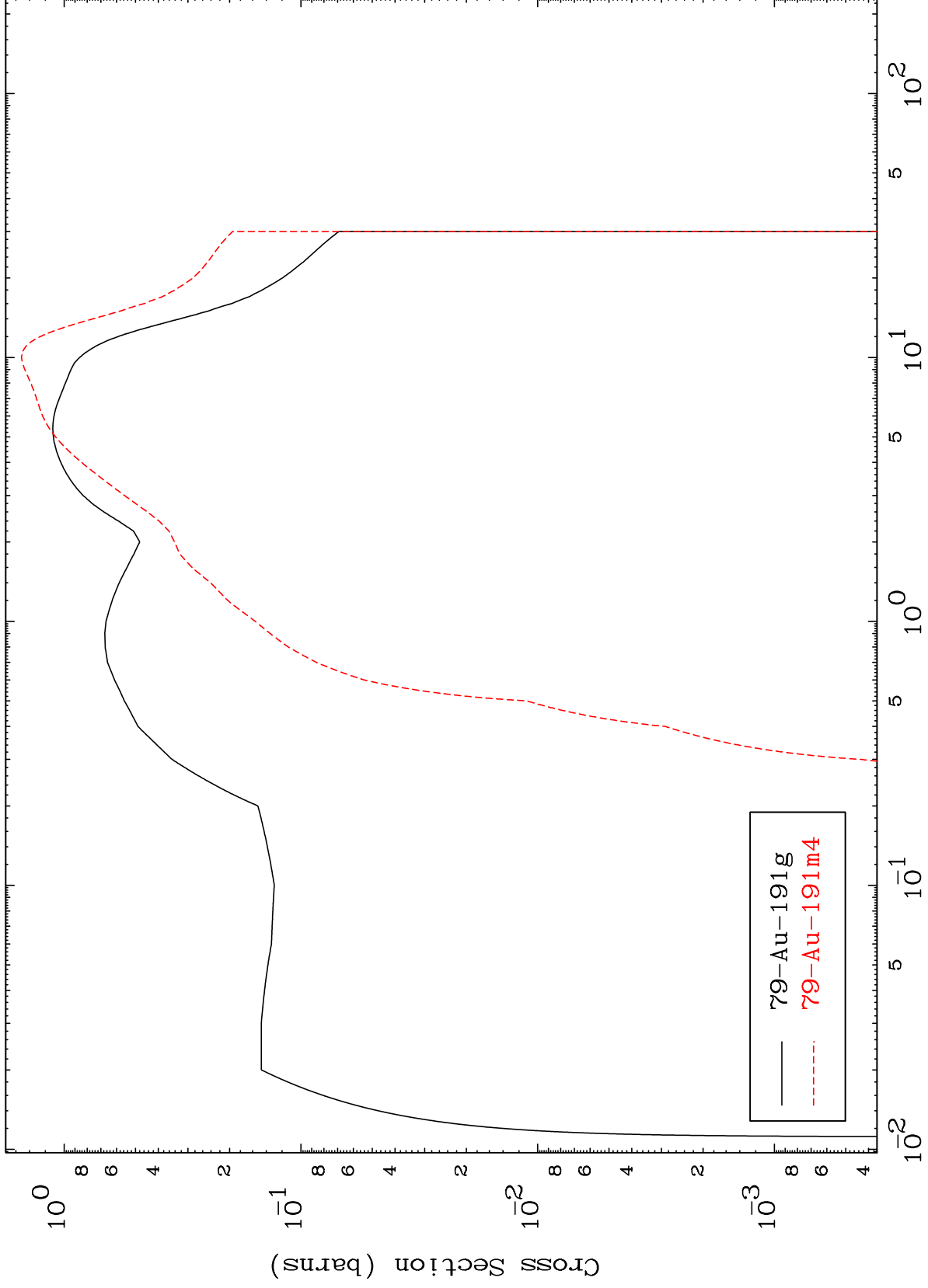
135

Incident Energy (MeV)

79-Au-191



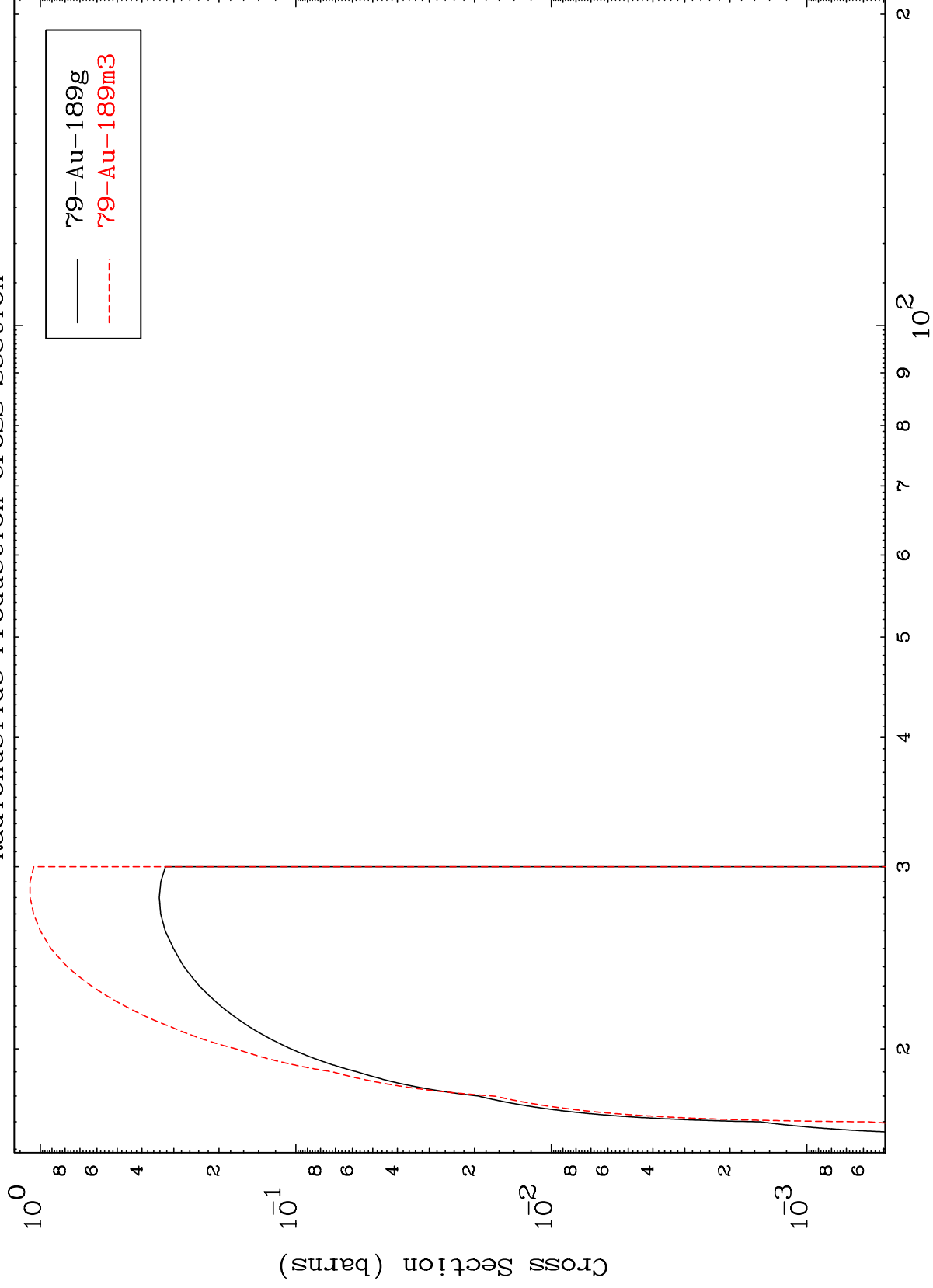
Inelastic  
Radionuclide Production Cross Section



MAT 7907

79-Au-191

(n,3n)  
Radionuclide Production Cross Section



137

Incident Energy (MeV)

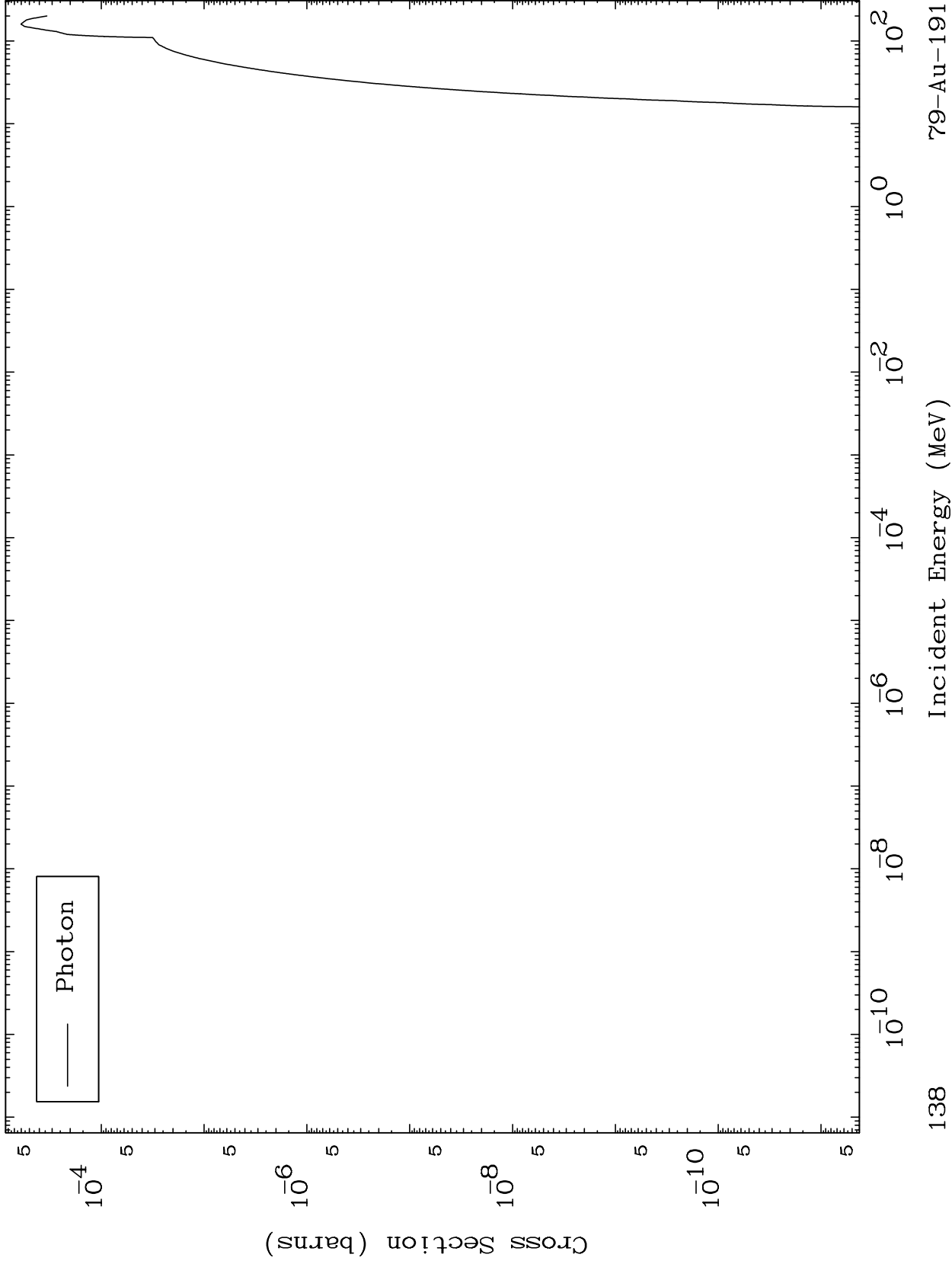
79-Au-191

MAT 7907

Fission

79-Au-191

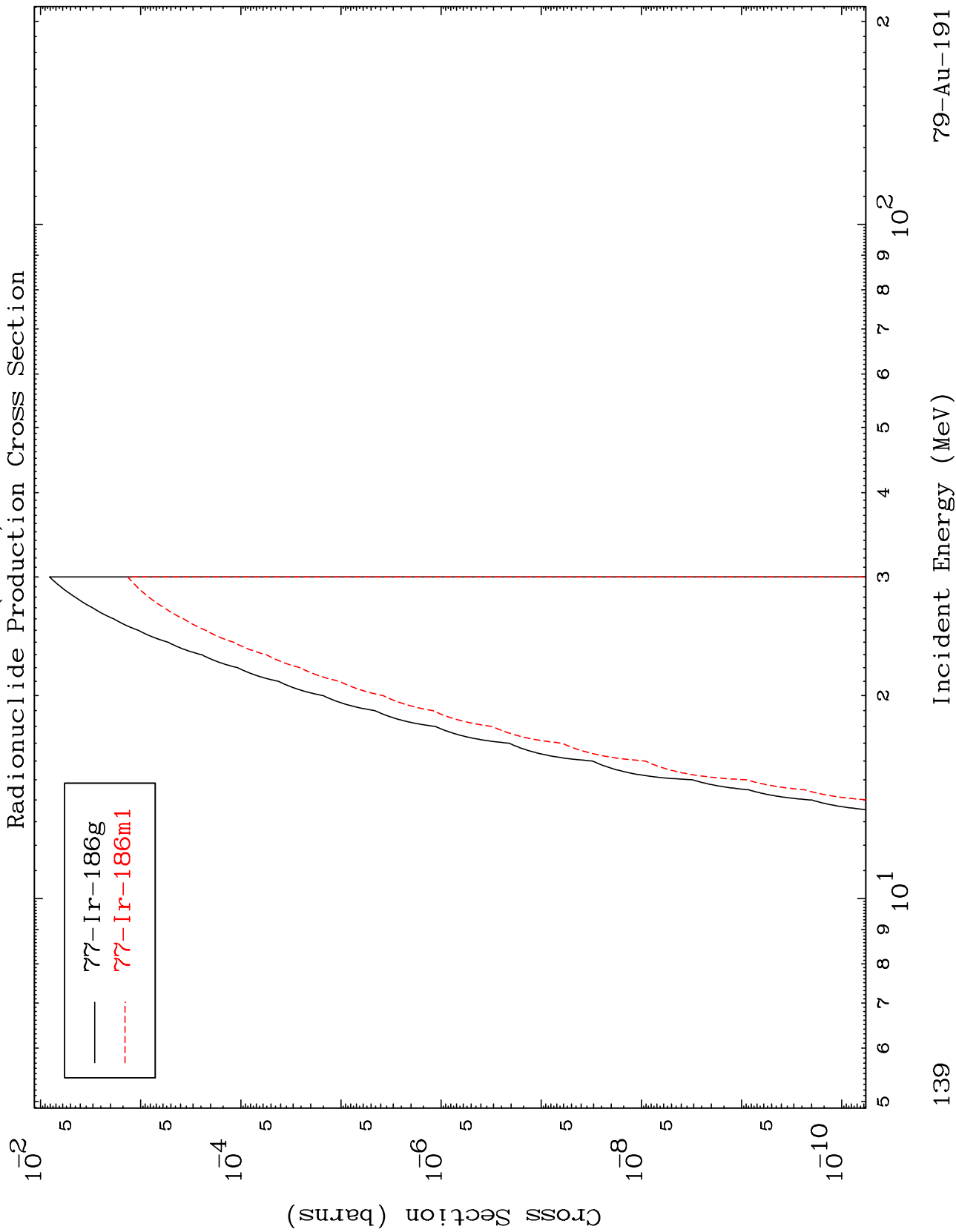
Radionuclide Production Cross Section



MAT 7907

$(n, 2n)$   $\alpha$

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



139

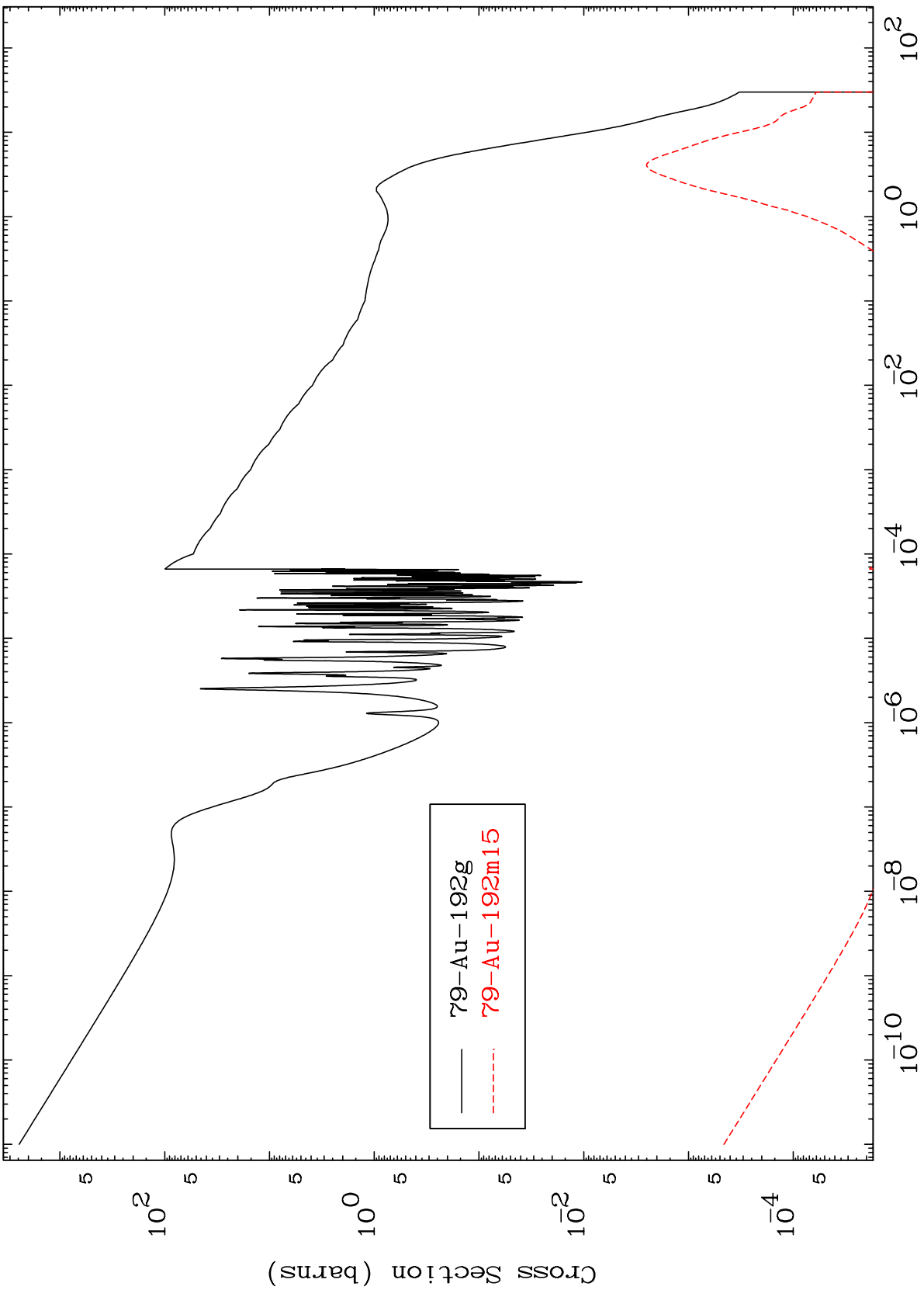
$^{79}\text{Au-191}$

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

MAT 7907

<sup>79</sup>Au-191

Radionuclide Production Cross Section



<sup>79</sup>Au-191

Incident Energy (MeV)

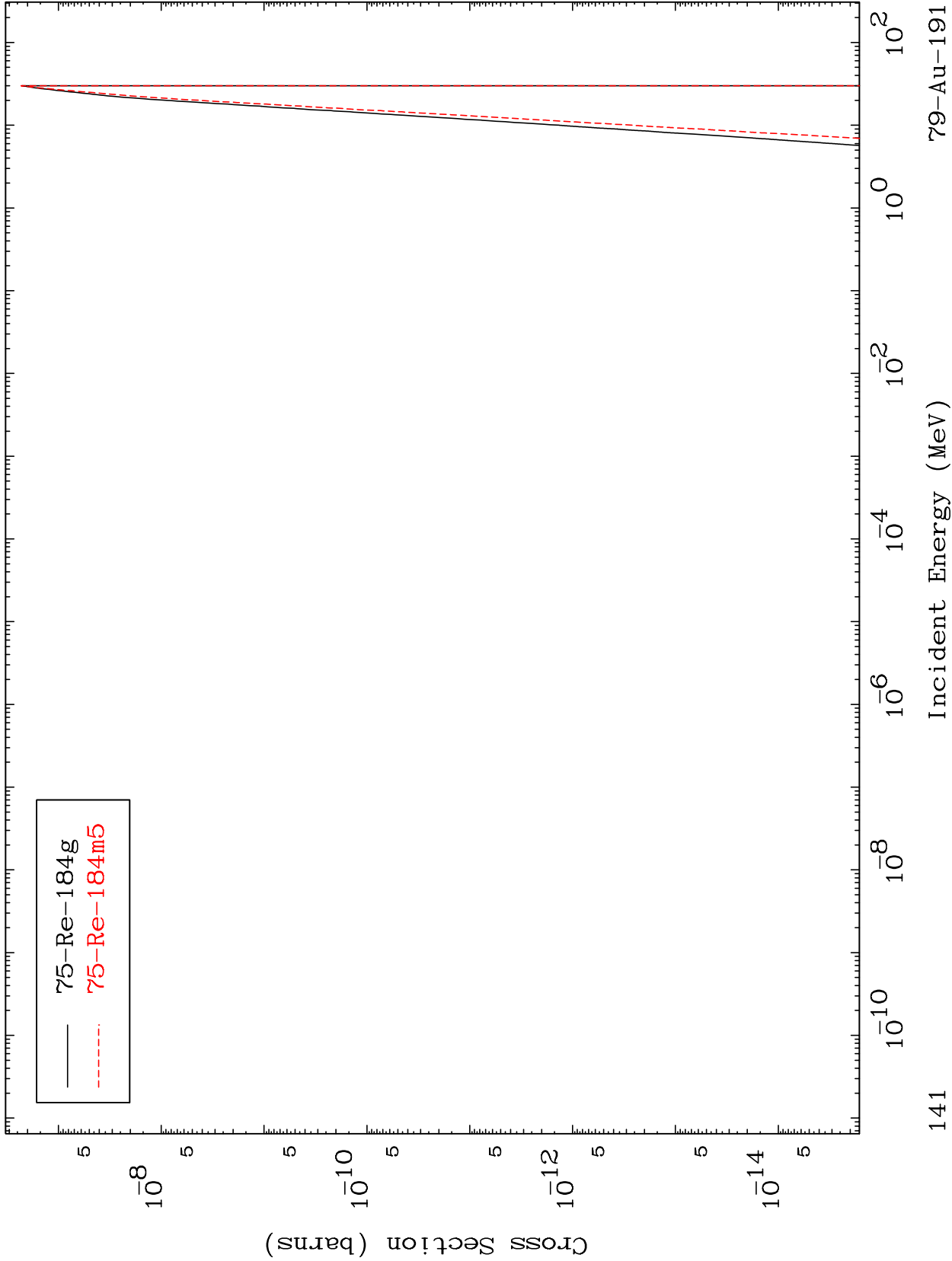
140

MAT 7907

(n,2α)

<sup>79</sup>Au-191

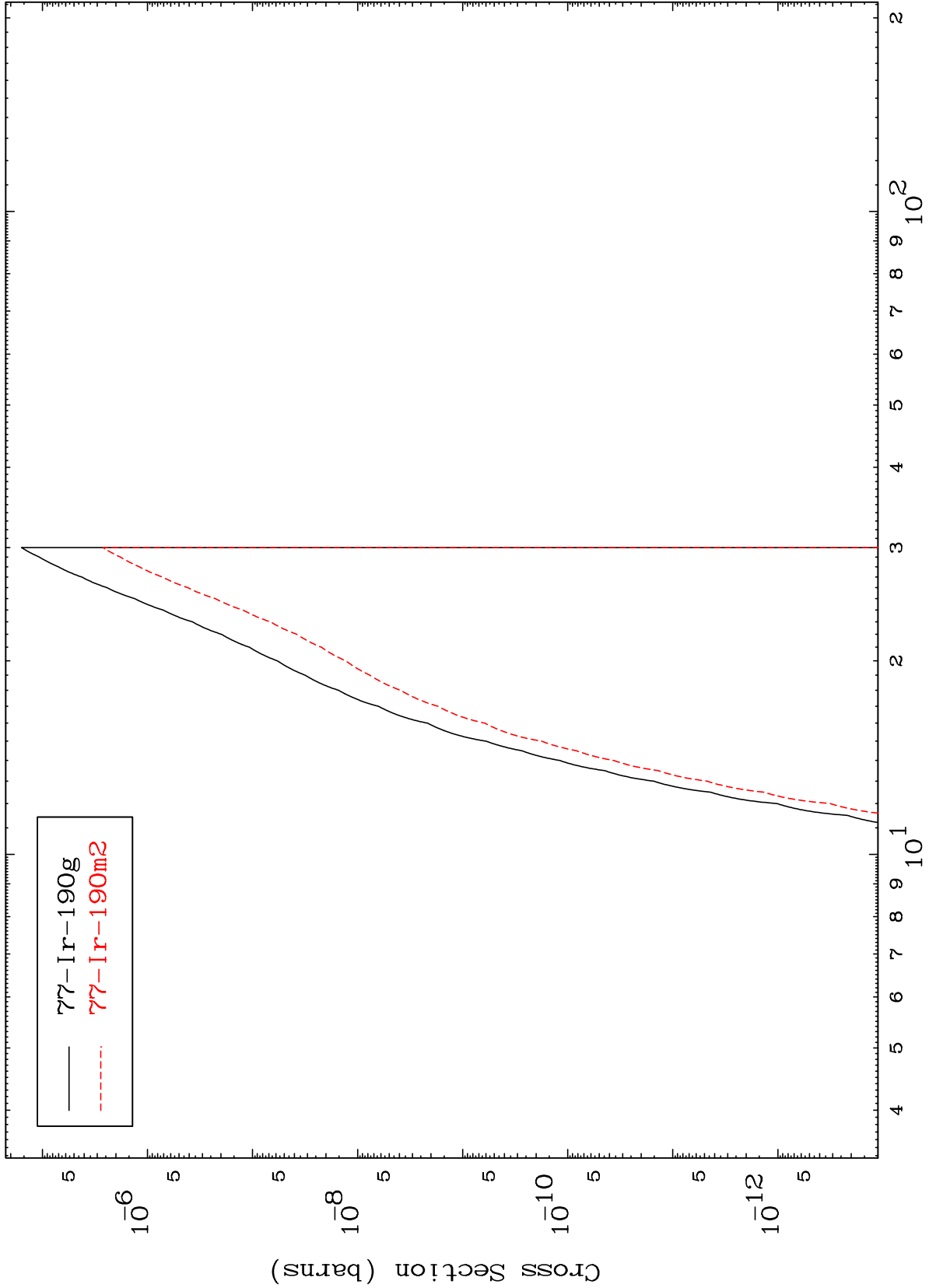
Radionuclide Production Cross Section



MAT 7907

79-Au-191

Radionuclide Production Cross Section  
(n,2p)



142

Incident Energy (MeV)

79-Au-191