

Program EVALPLOT  
(Version 2018-1)

by

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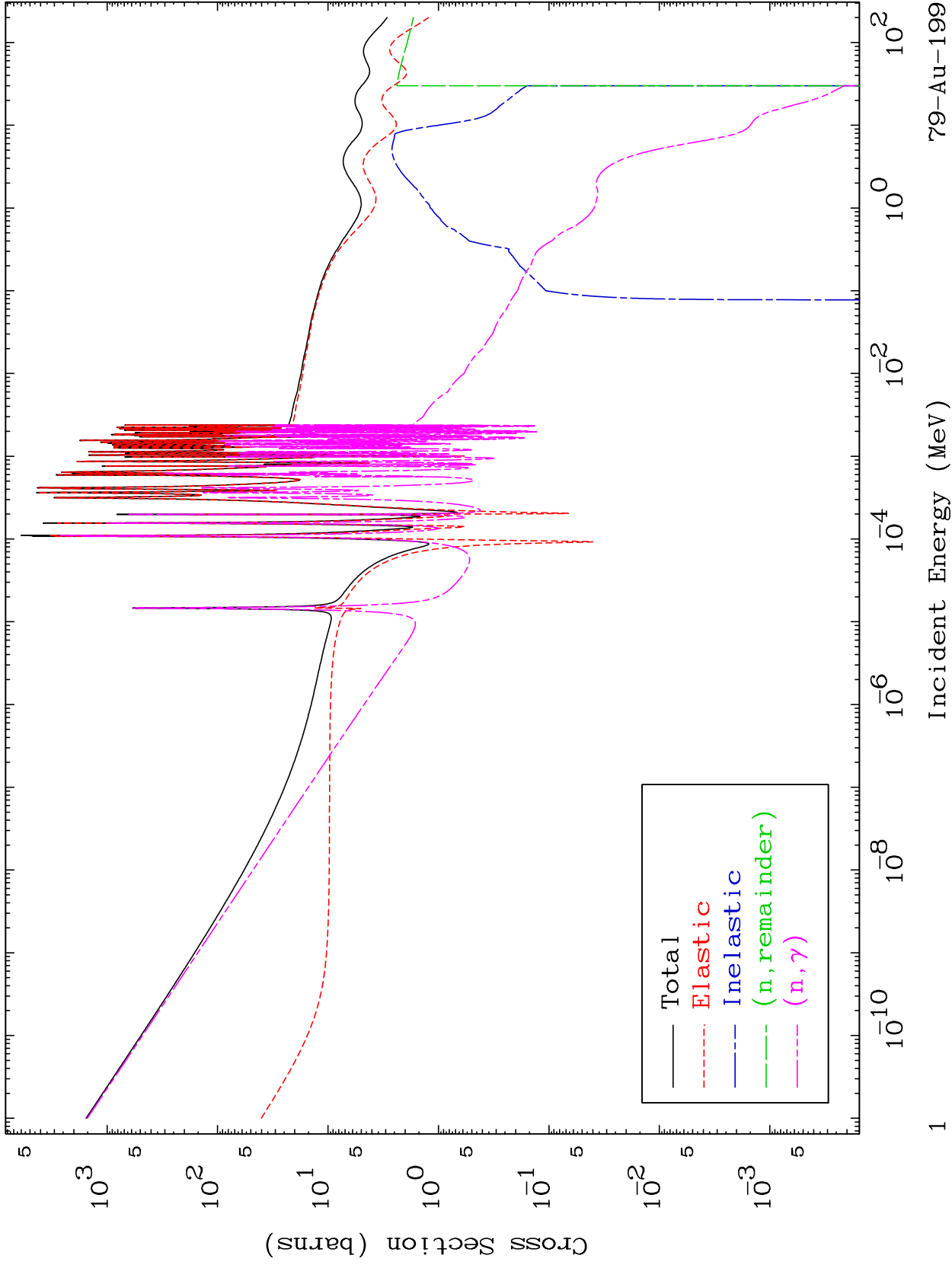
Press Mouse Button to Start

MAT 7931

Major

293 Kelvin Cross Sections

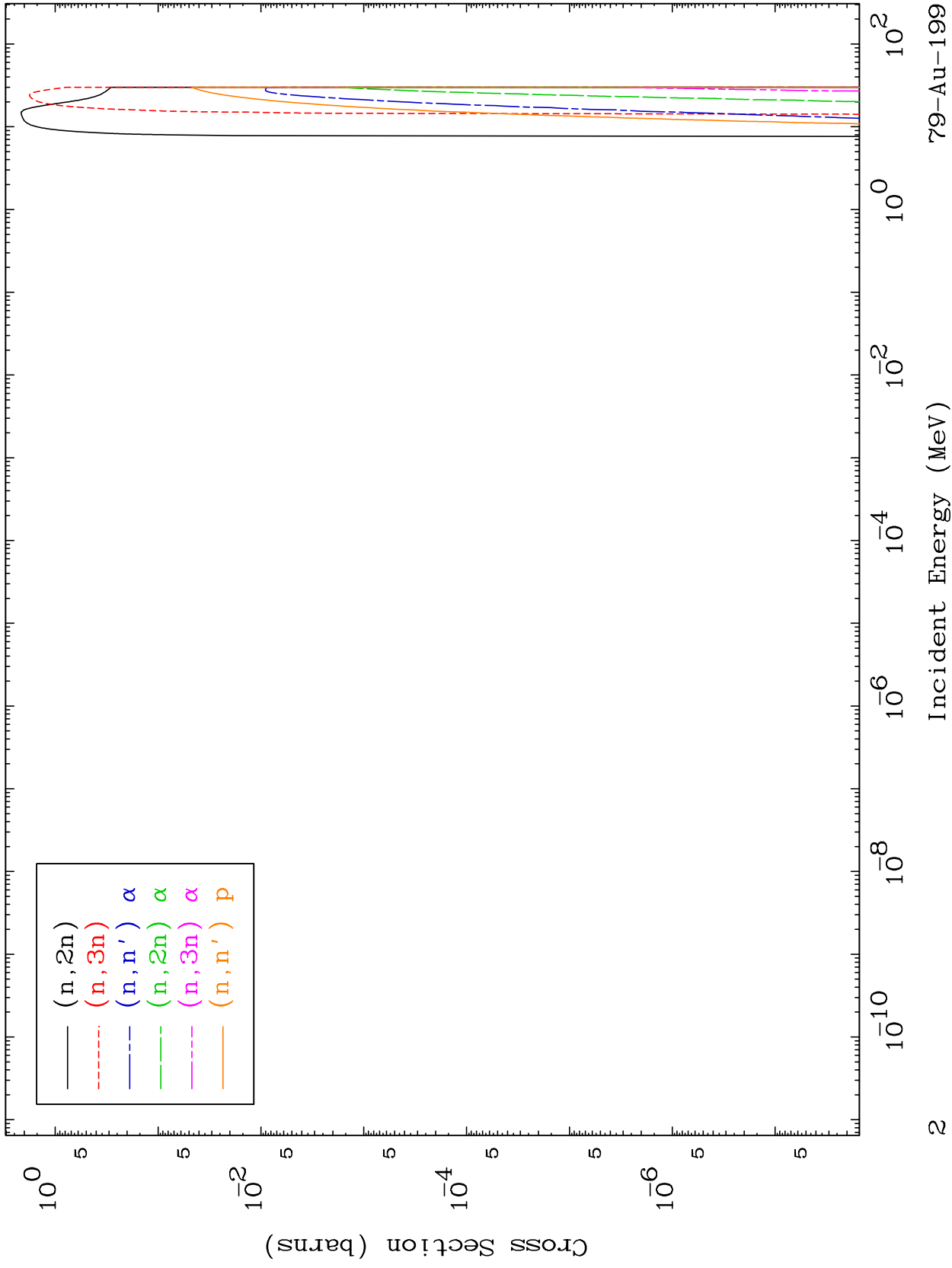
79-Au-199

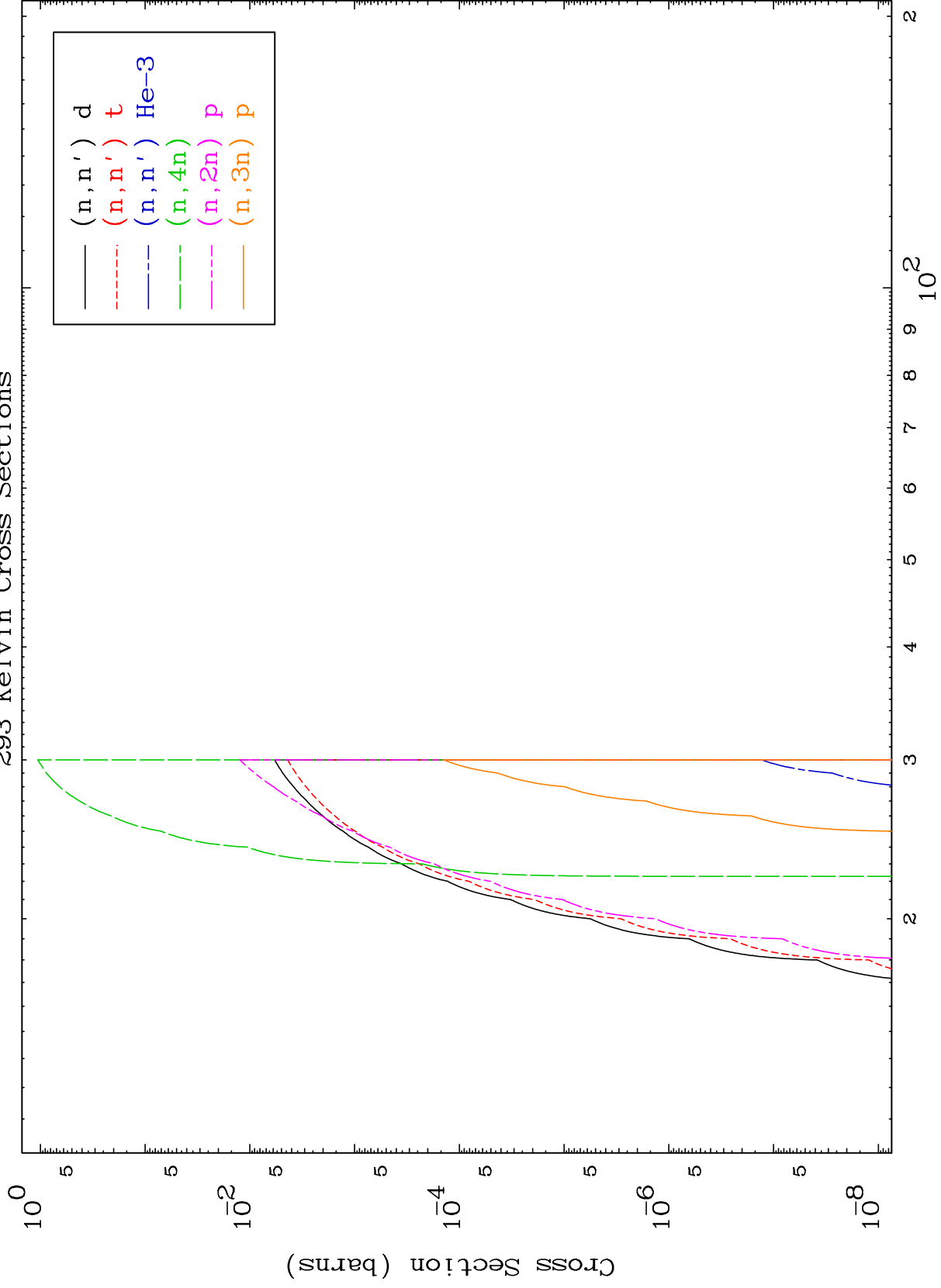


MAT 7931

Neutron Production  
293 Kelvin Cross Sections

79-Au-199

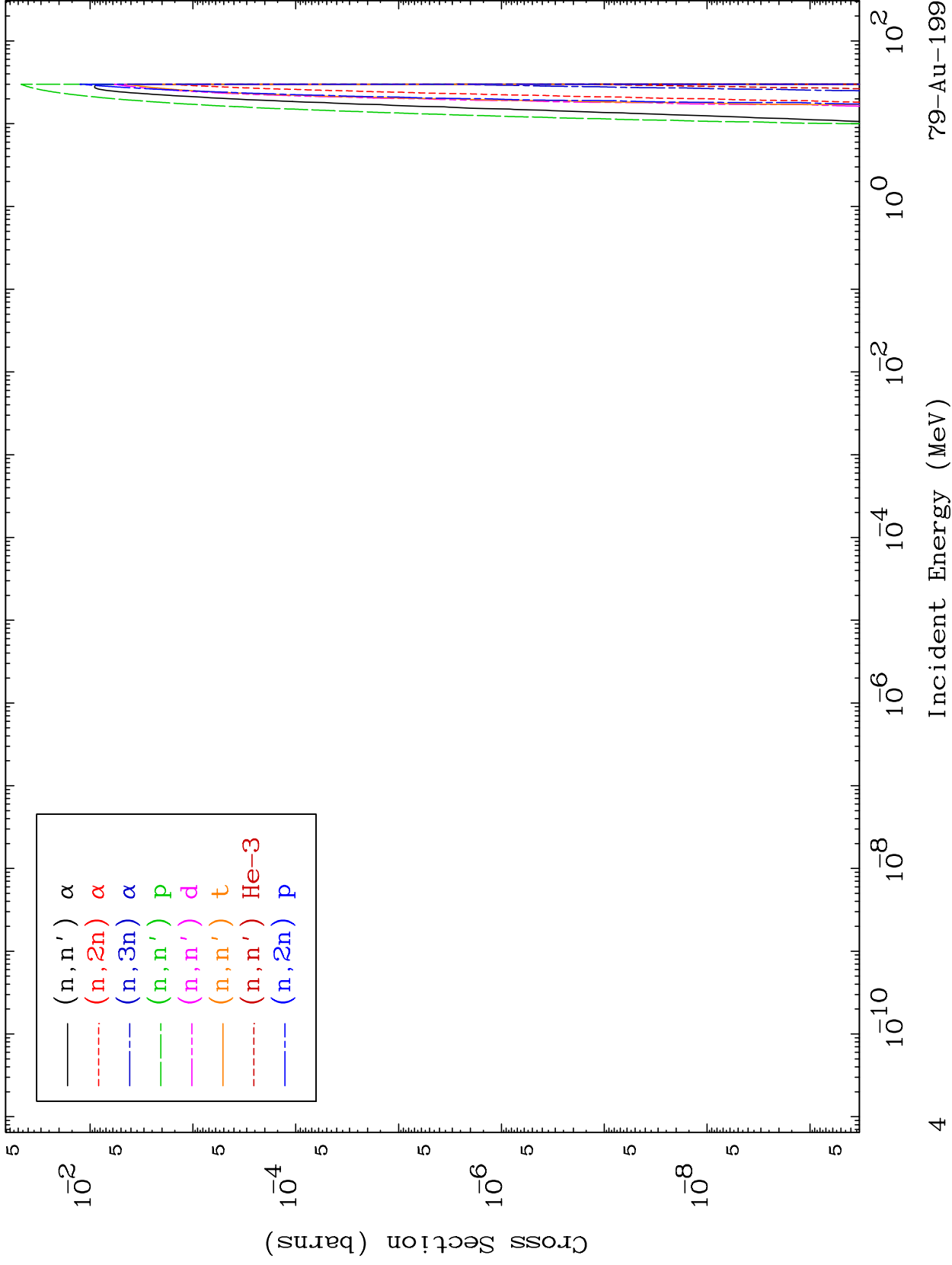




MAT 7931

Charged Particle  
293 Kelvin Cross Sections

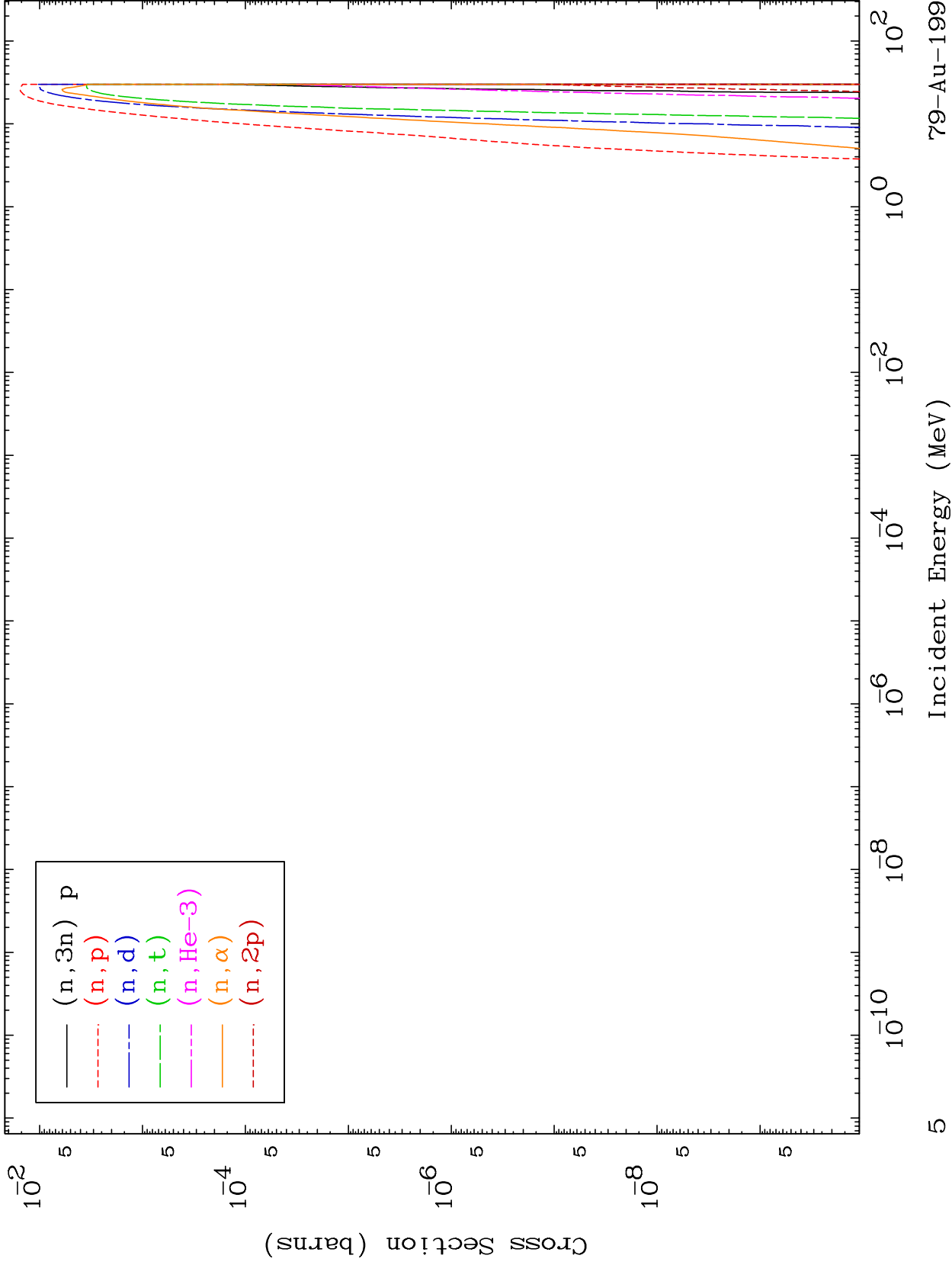
79-Au-199



MAT 7931

Charged Particle  
293 Kelvin Cross Sections

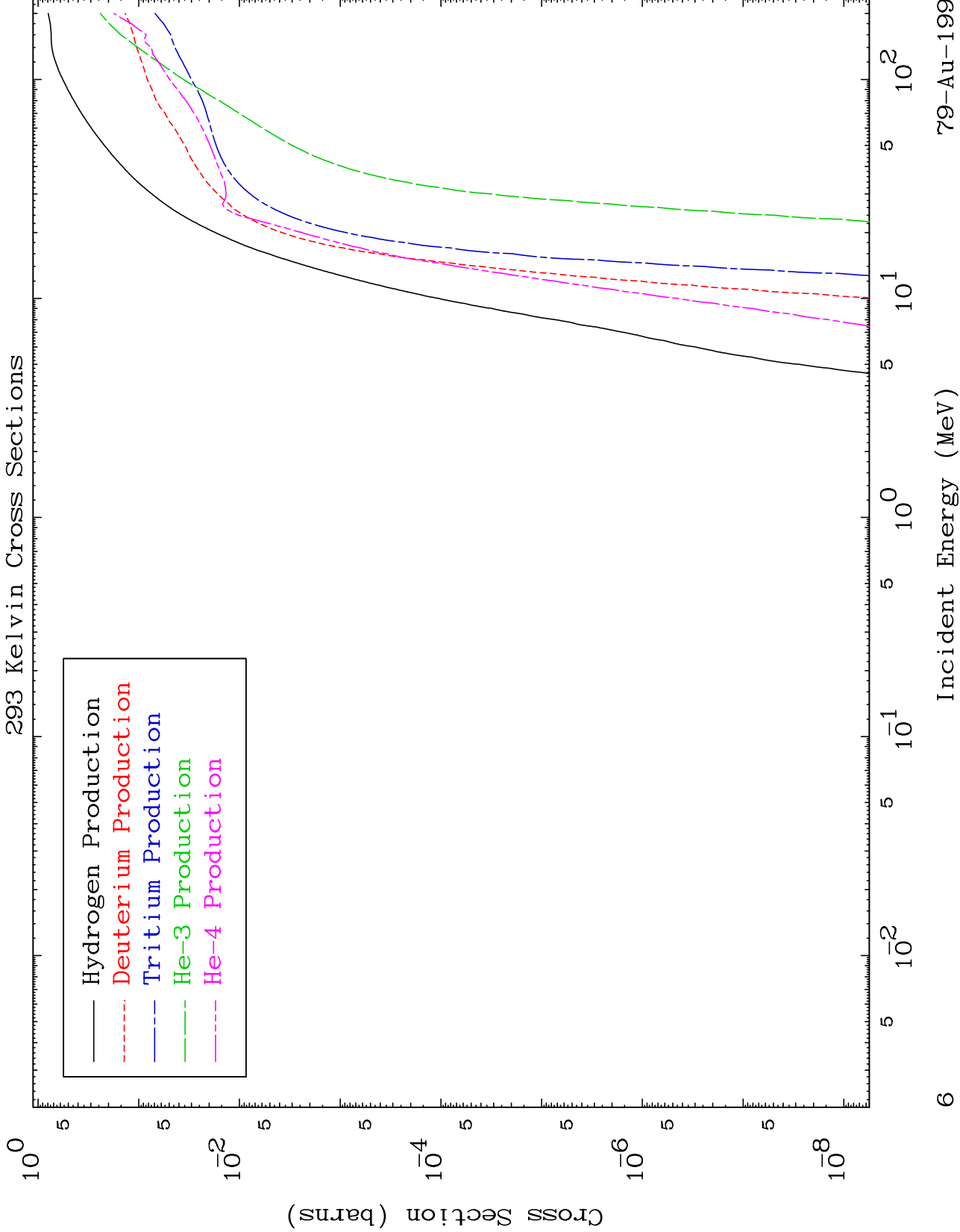
79-Au-199



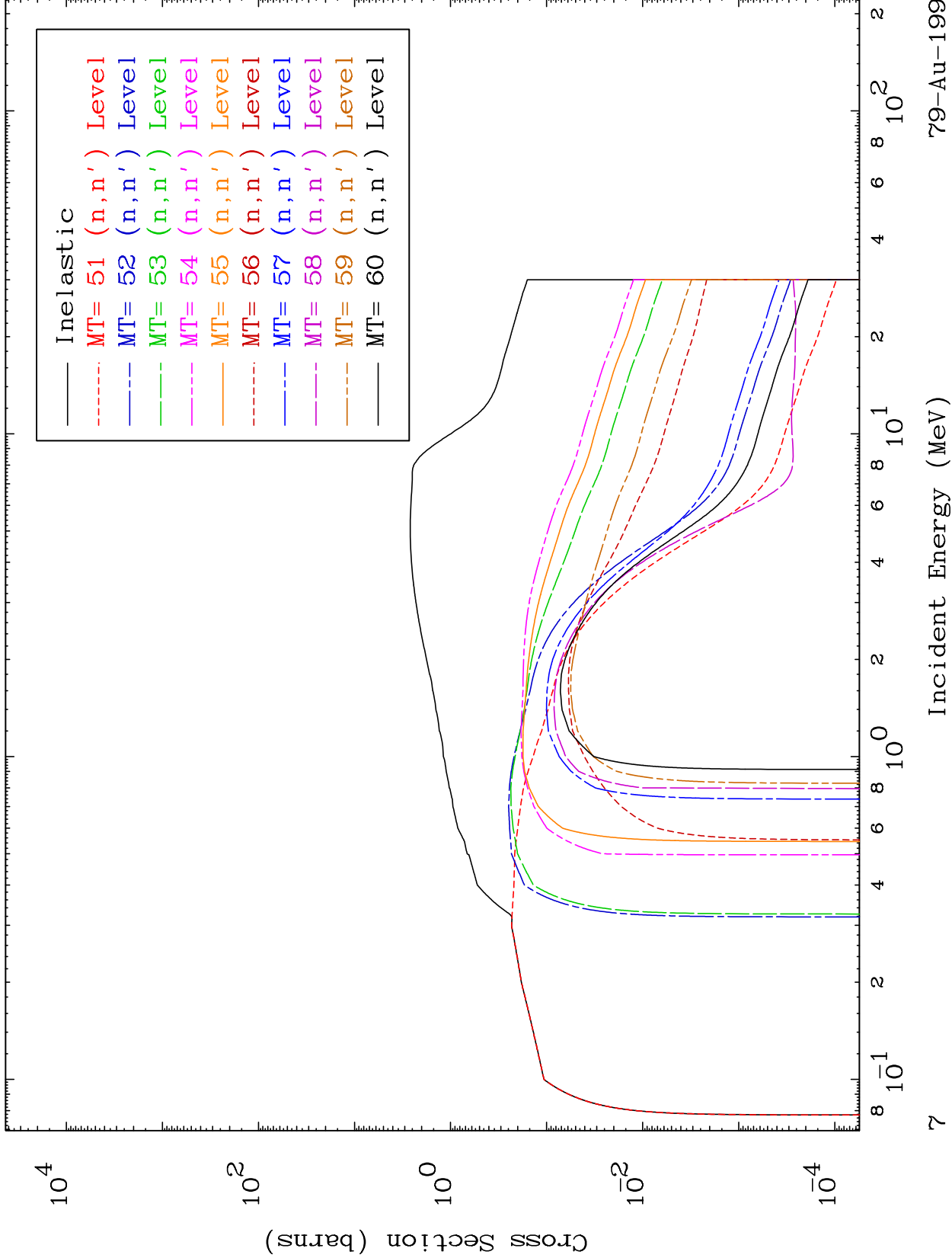
MAT 7931

Particle Production  
293 Kelvin Cross Sections

79-Au-199



293 Kelvin Cross Sections



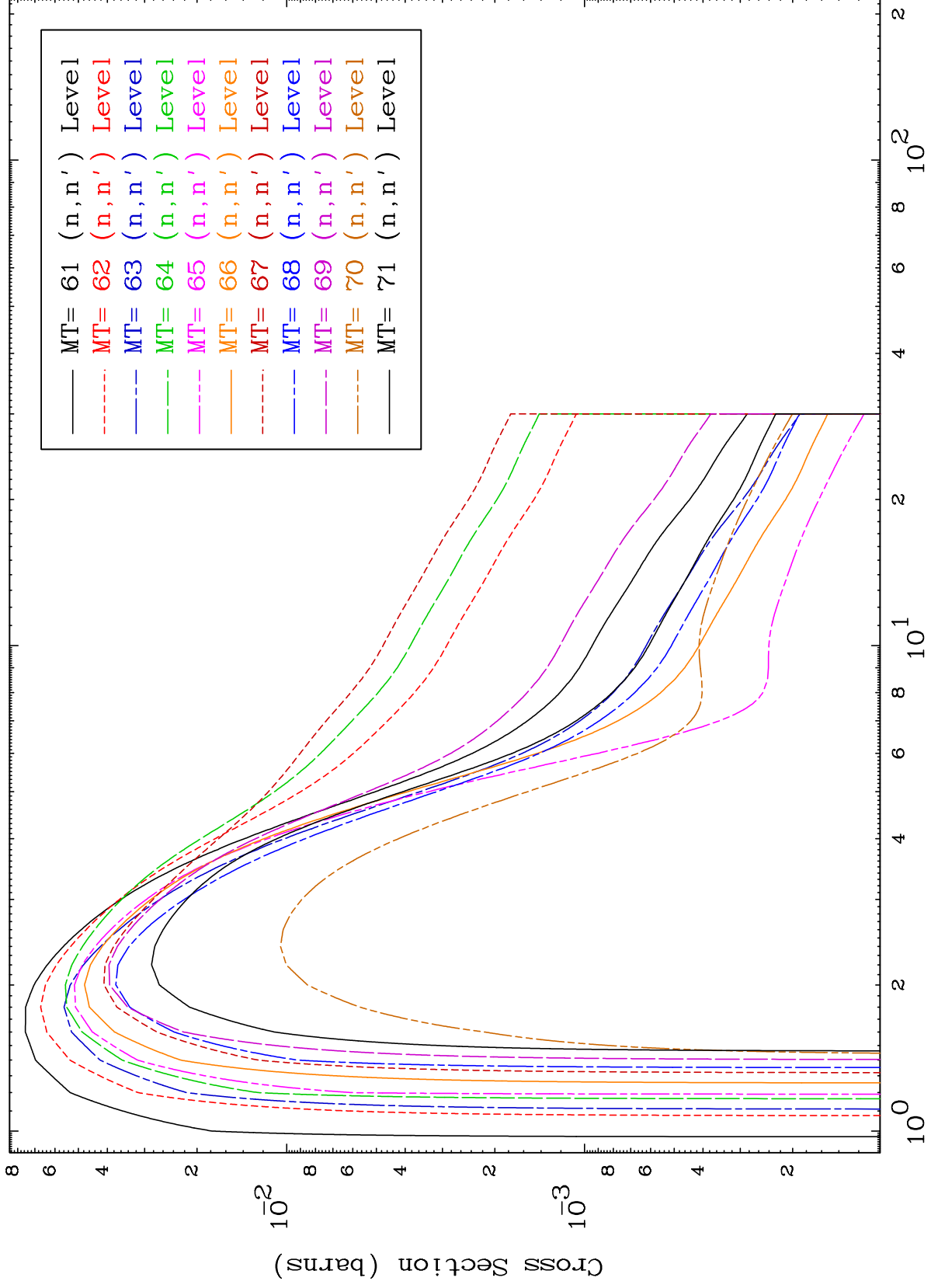


MAT 7931

(n,n') Level

79-Au-199

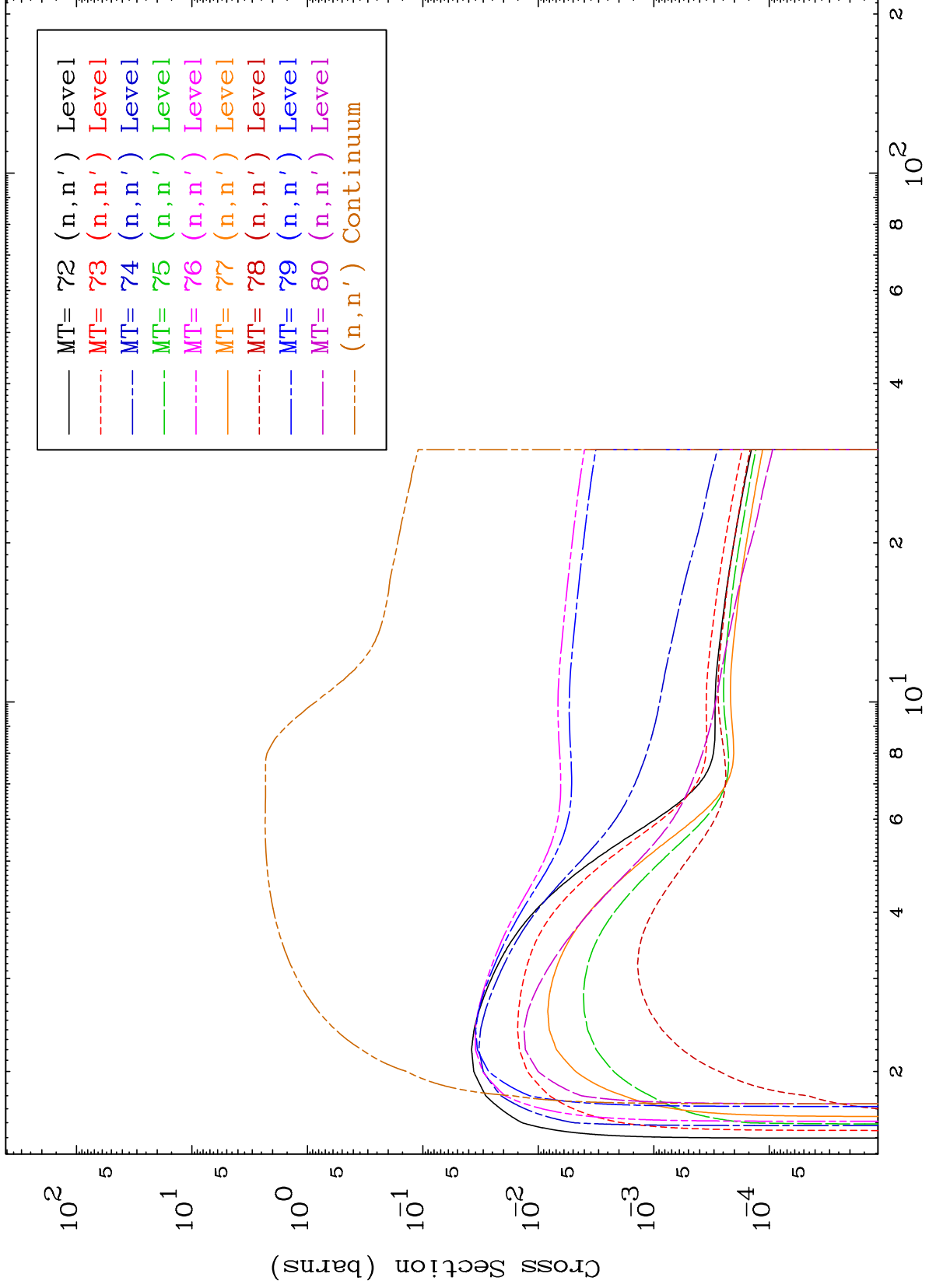
293 Kelvins Cross Sections



Incident Energy (MeV)

79-Au-199

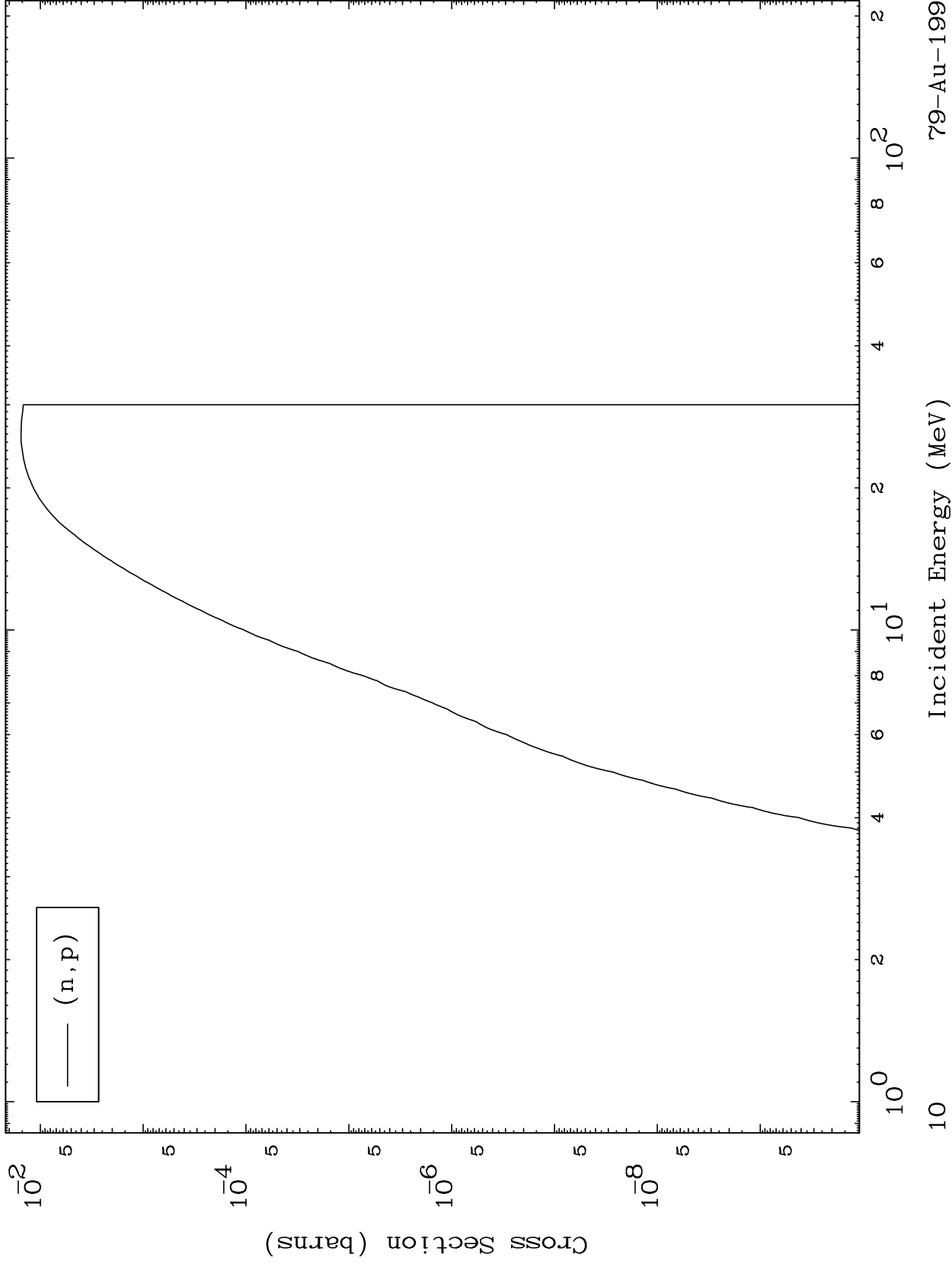
293 Kelvin Cross Sections



MAT 7931

(n,p) Levels  
293 Kelvin Cross Sections

79-Au-199



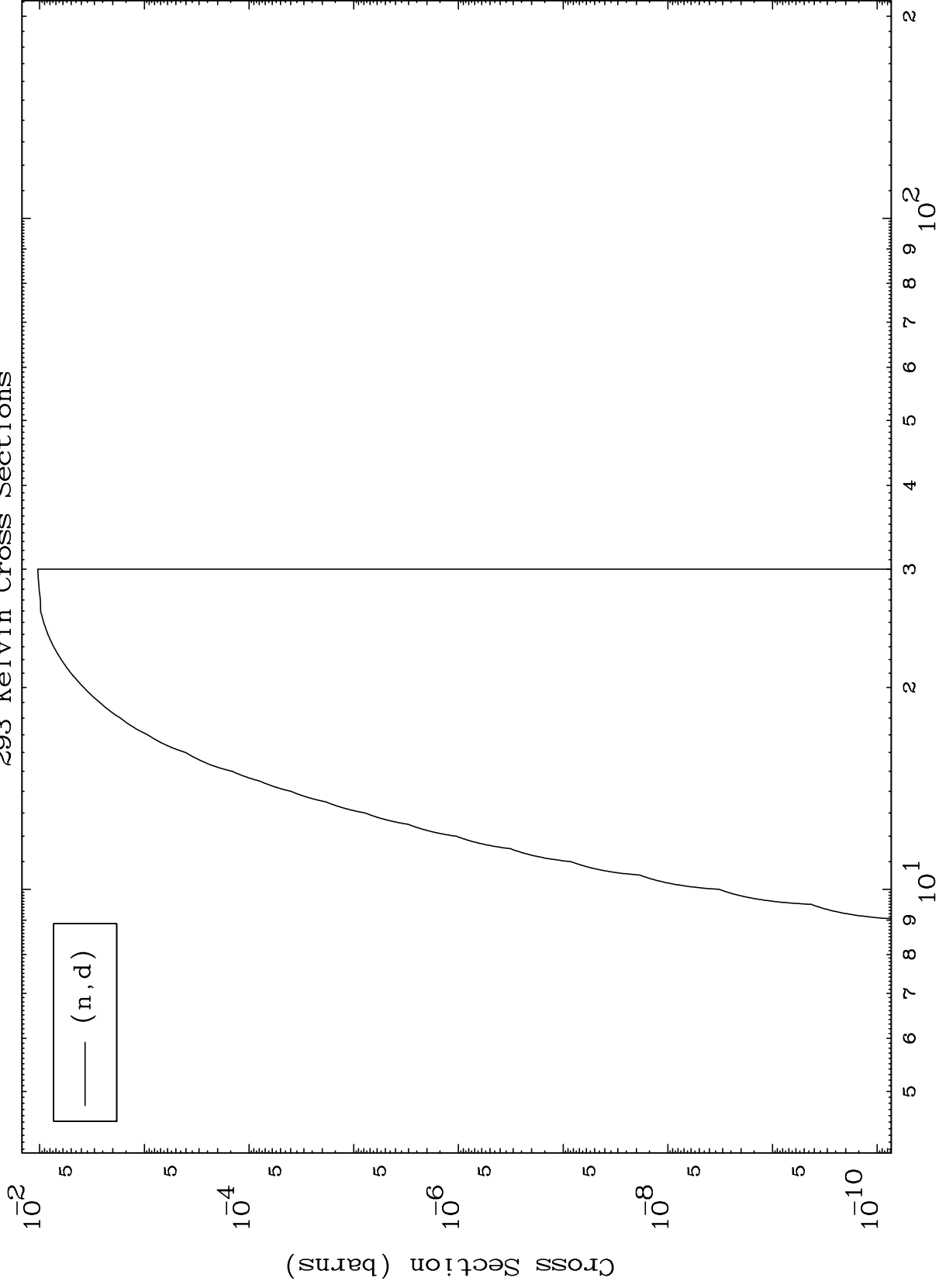
Incident Energy (MeV)

79-Au-199

MAT 7931

(n,d) Levels  
293 Kelvin Cross Sections

79-Au-199



11

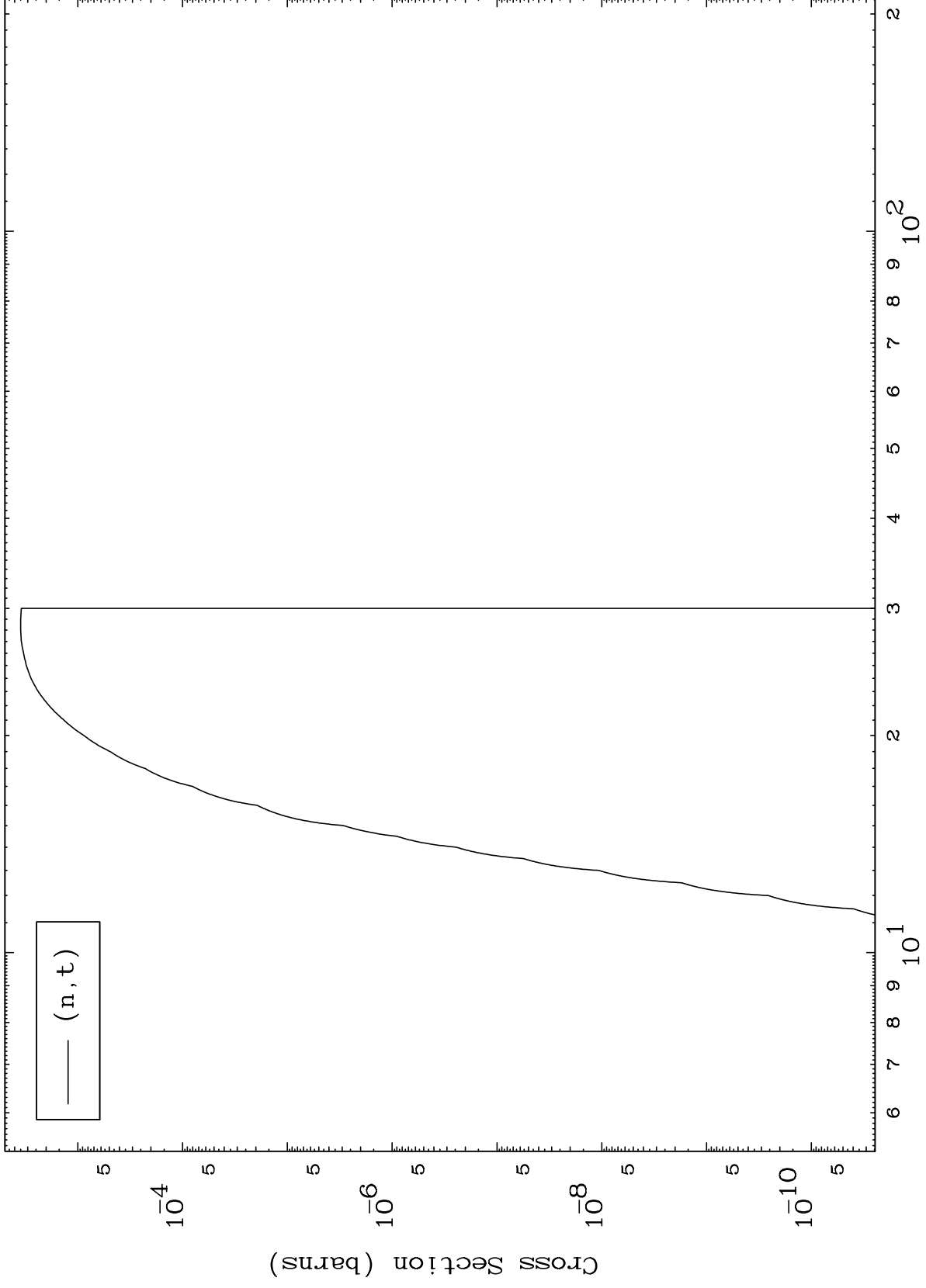
Incident Energy (MeV)

79-Au-199

MAT 7931

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-199



12

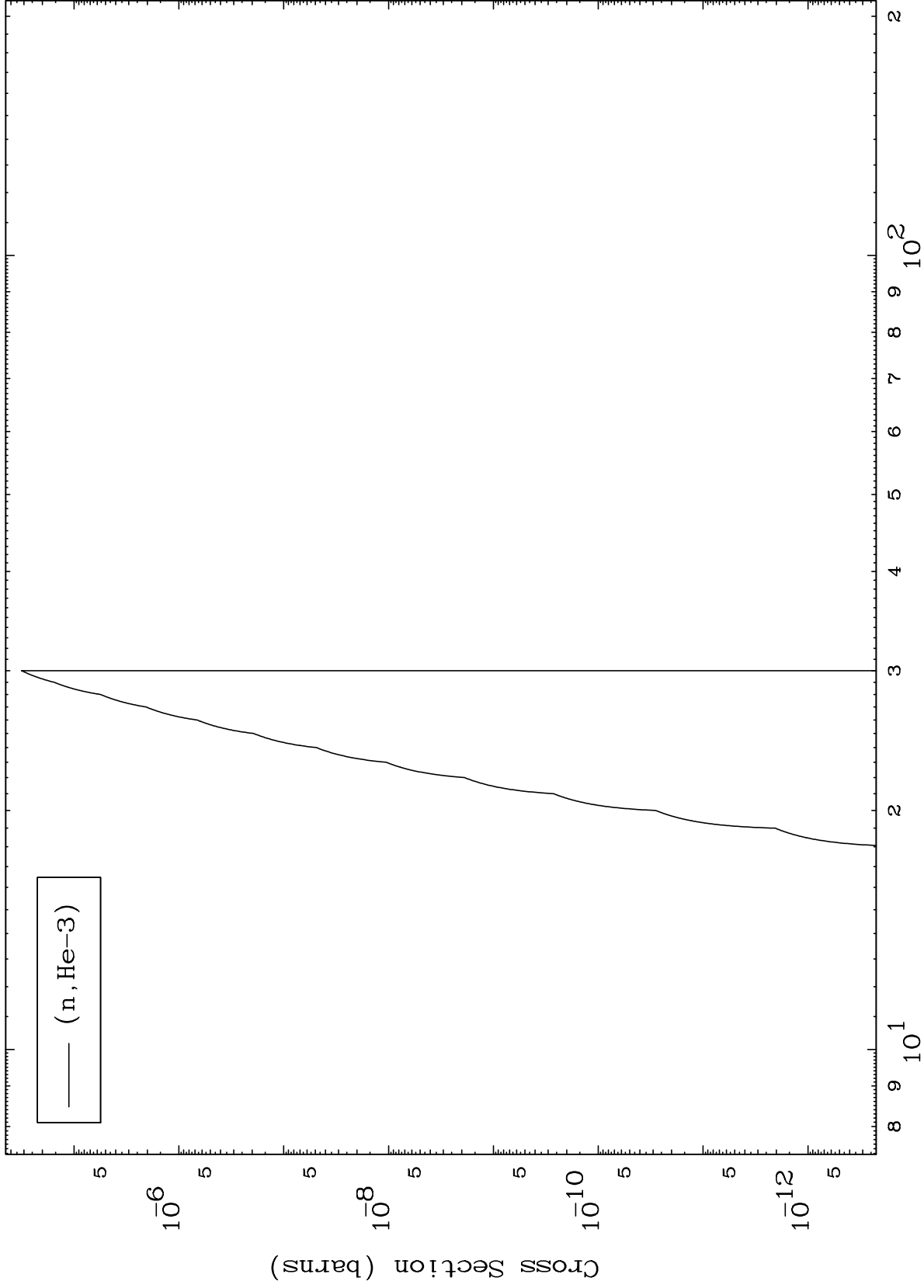
Incident Energy (MeV)

79-Au-199

MAT 7931

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-199



13

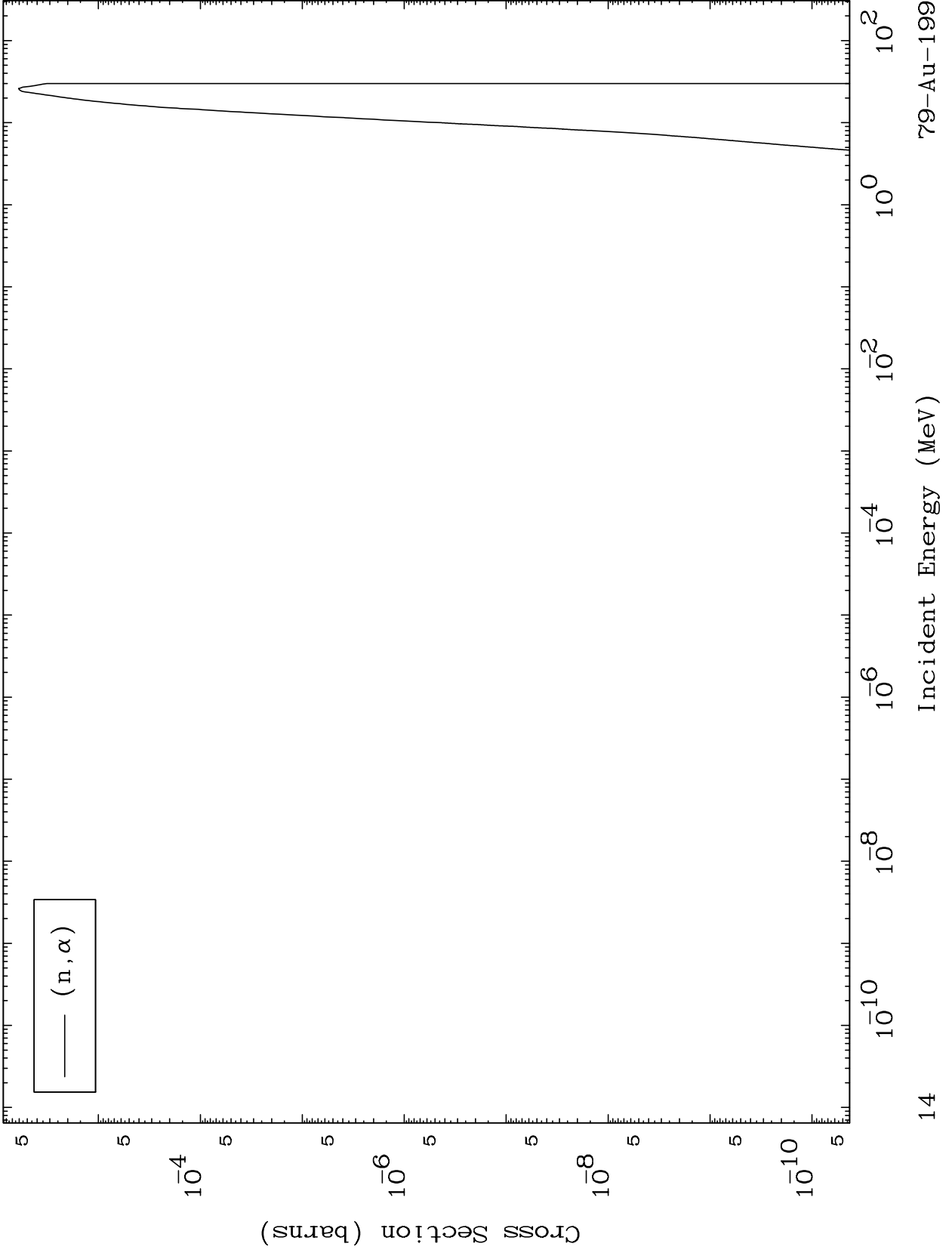
Incident Energy (MeV)

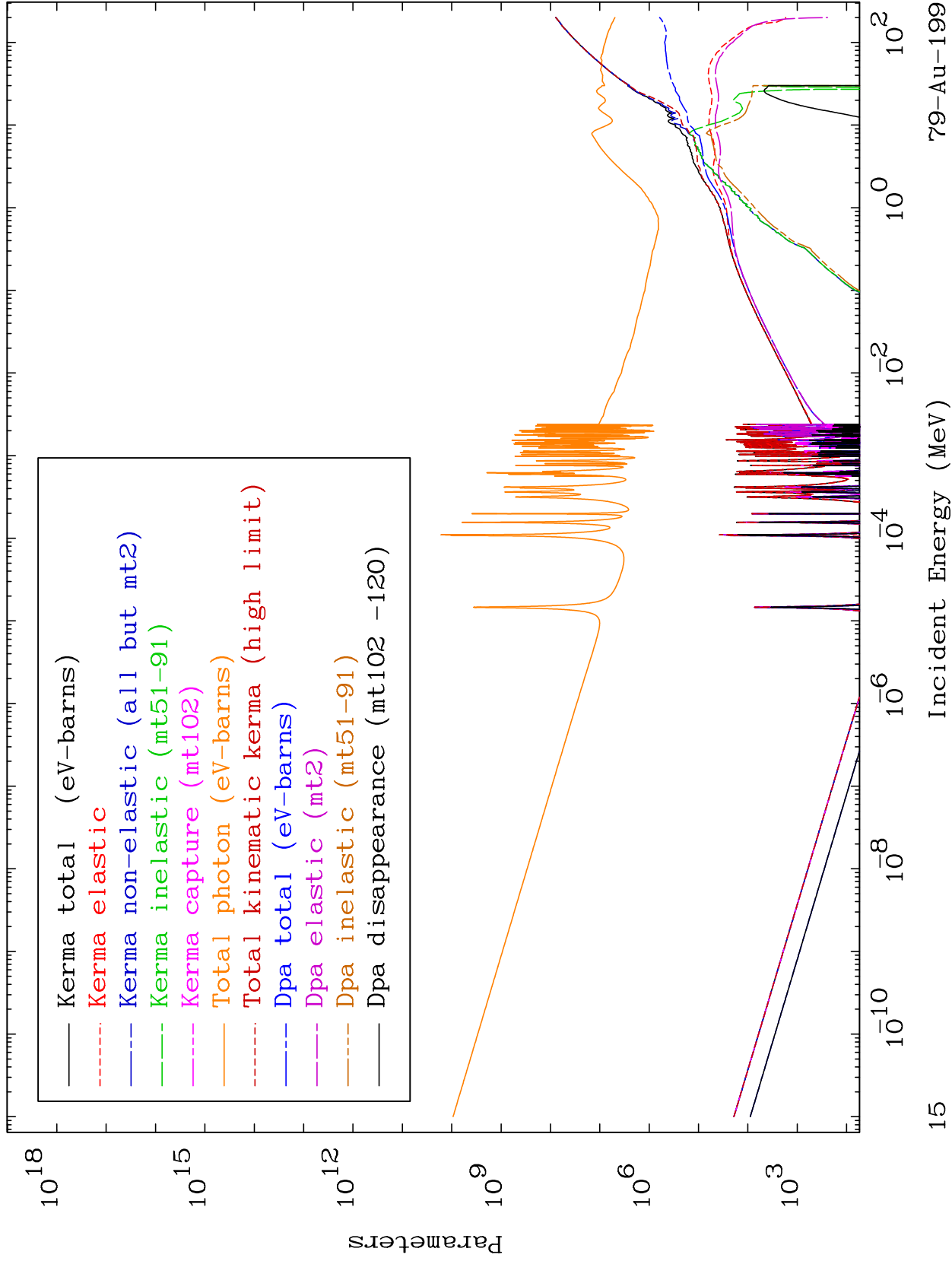
79-Au-199

MAT 7931

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

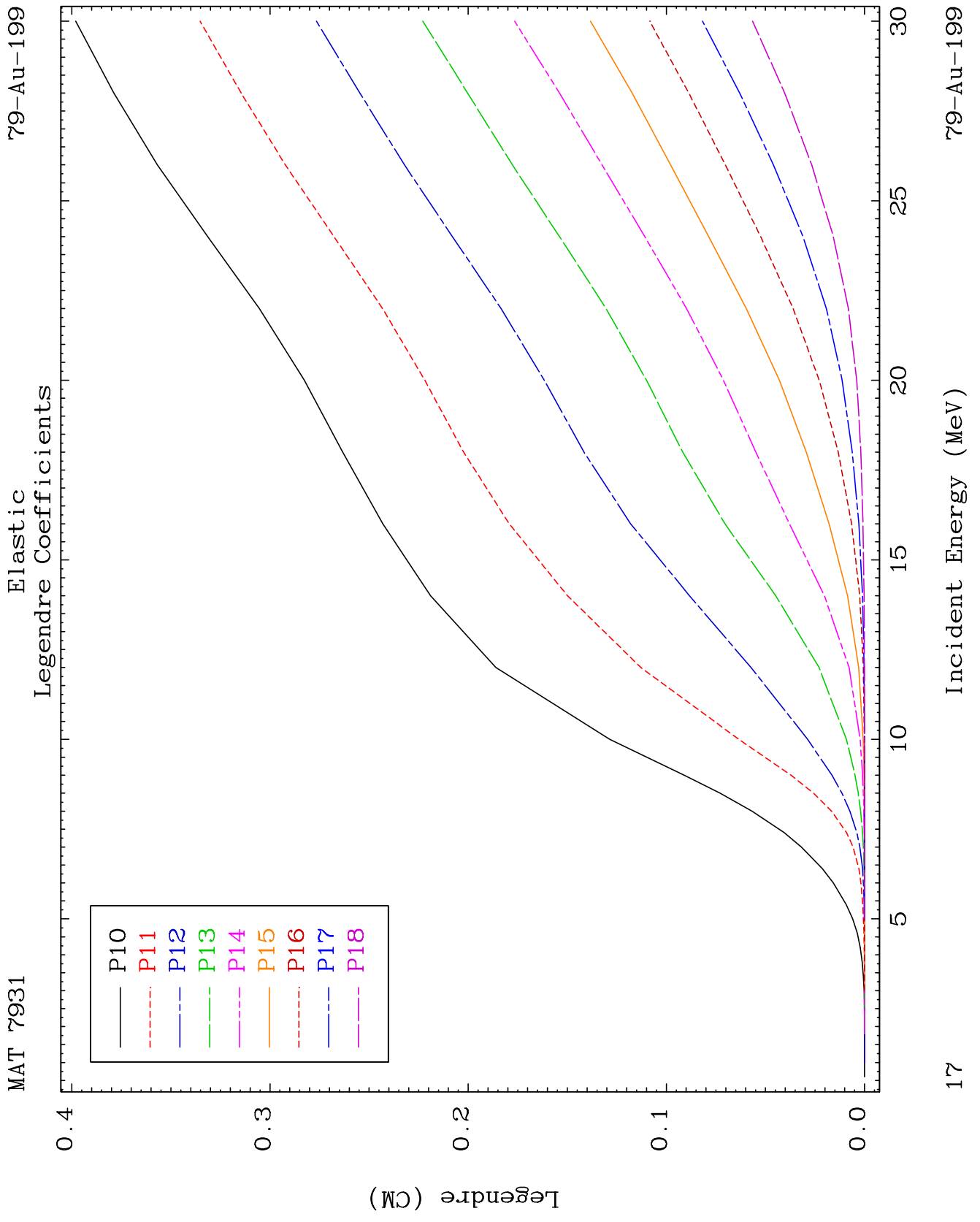
79-Au-199







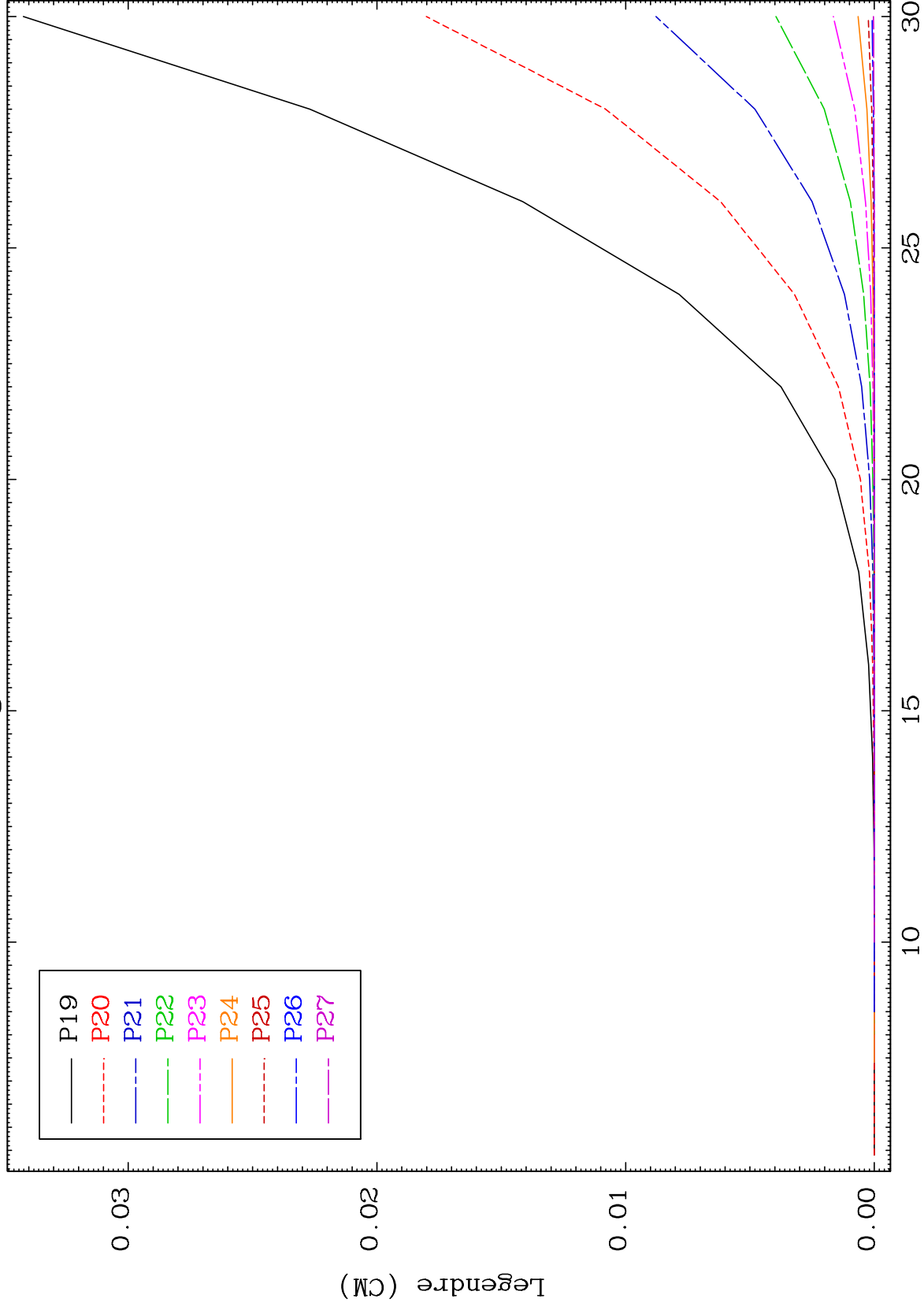




MAT 7931

Elastic Legendre Coefficients

79-Au-199



18

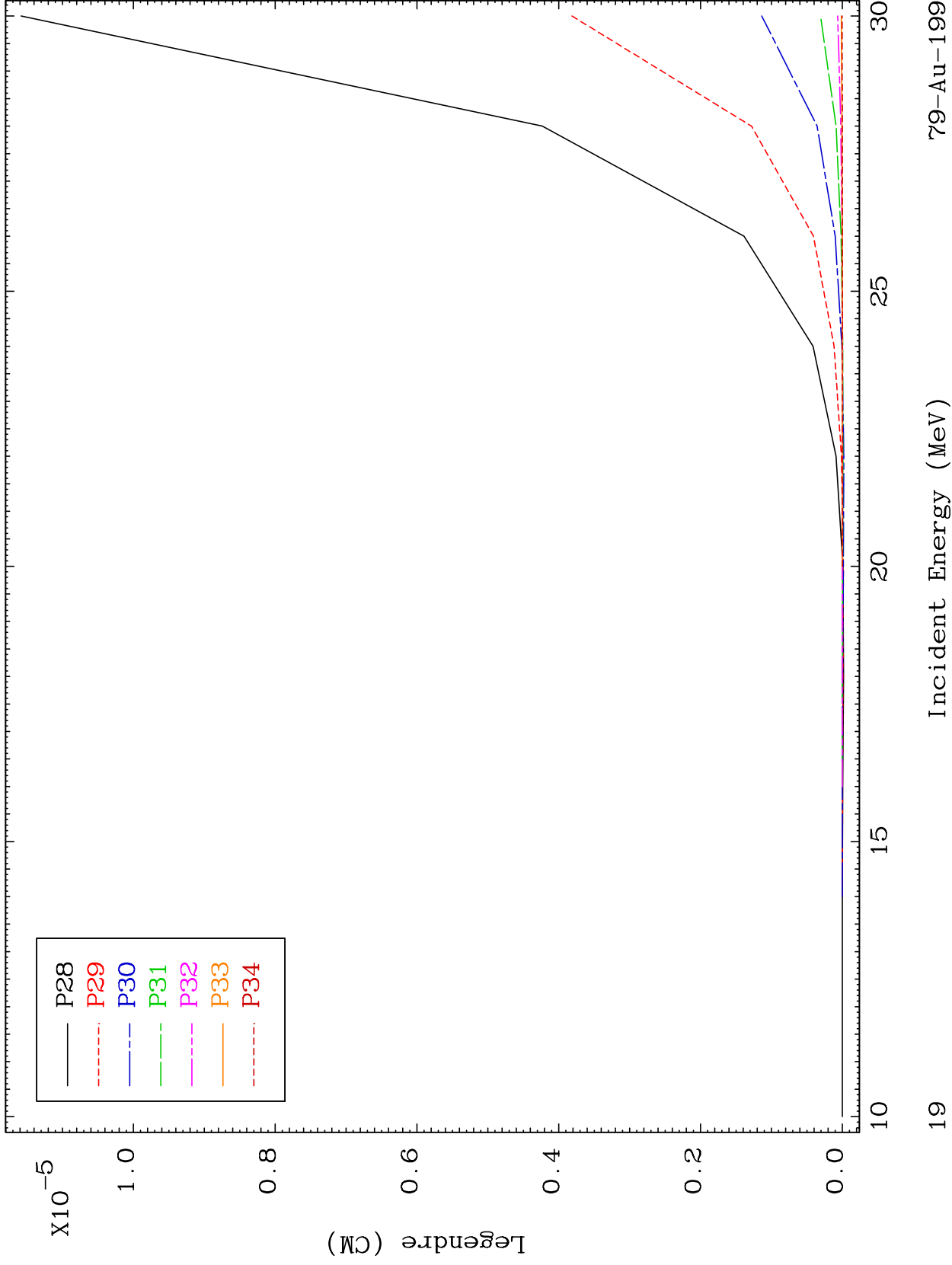
Incident Energy (MeV)

79-Au-199

MAT 7931

Elastic  
Legendre Coefficients

79-Au-199



19

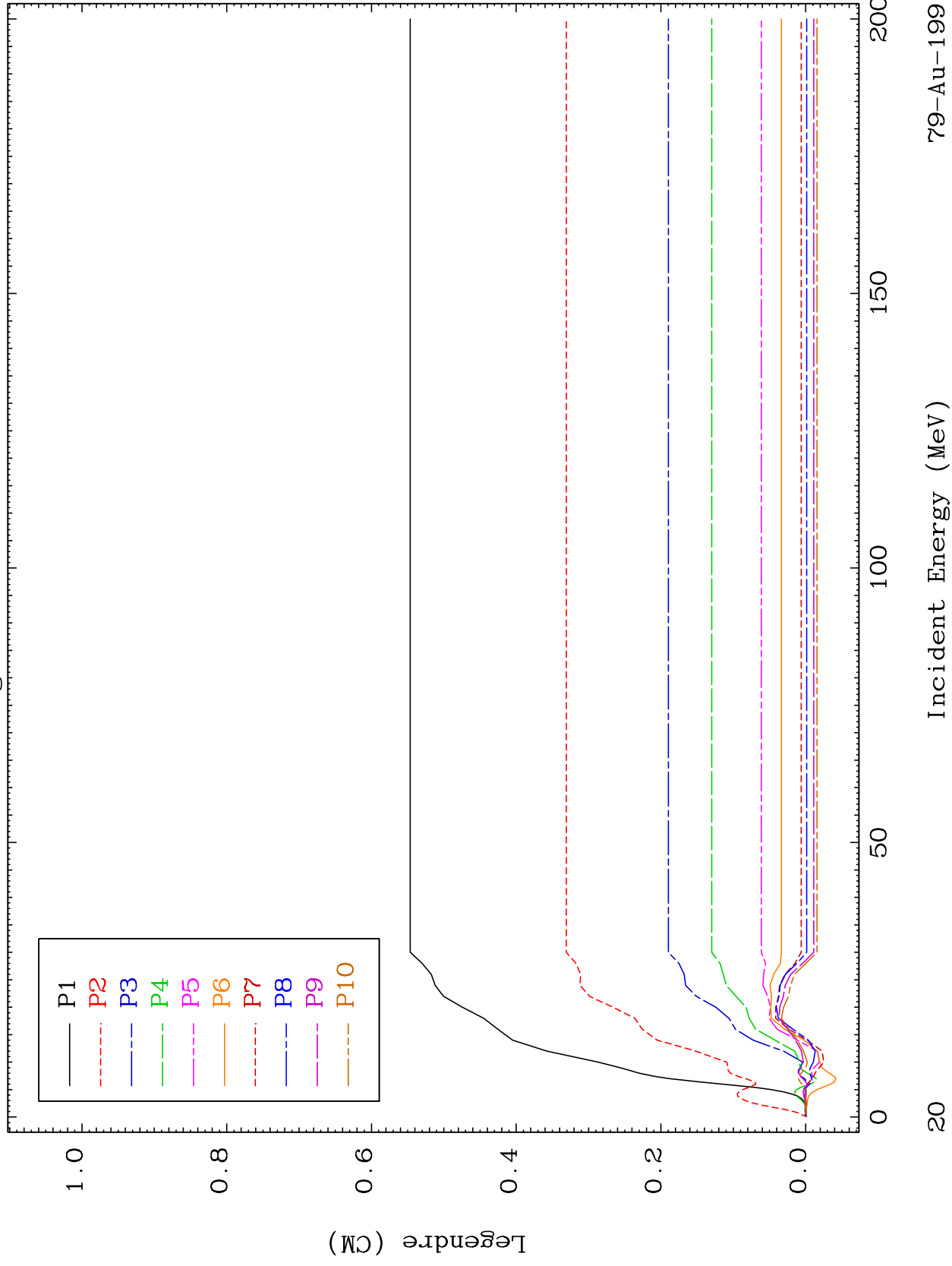
Incident Energy (MeV)

79-Au-199

MAT 7931

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

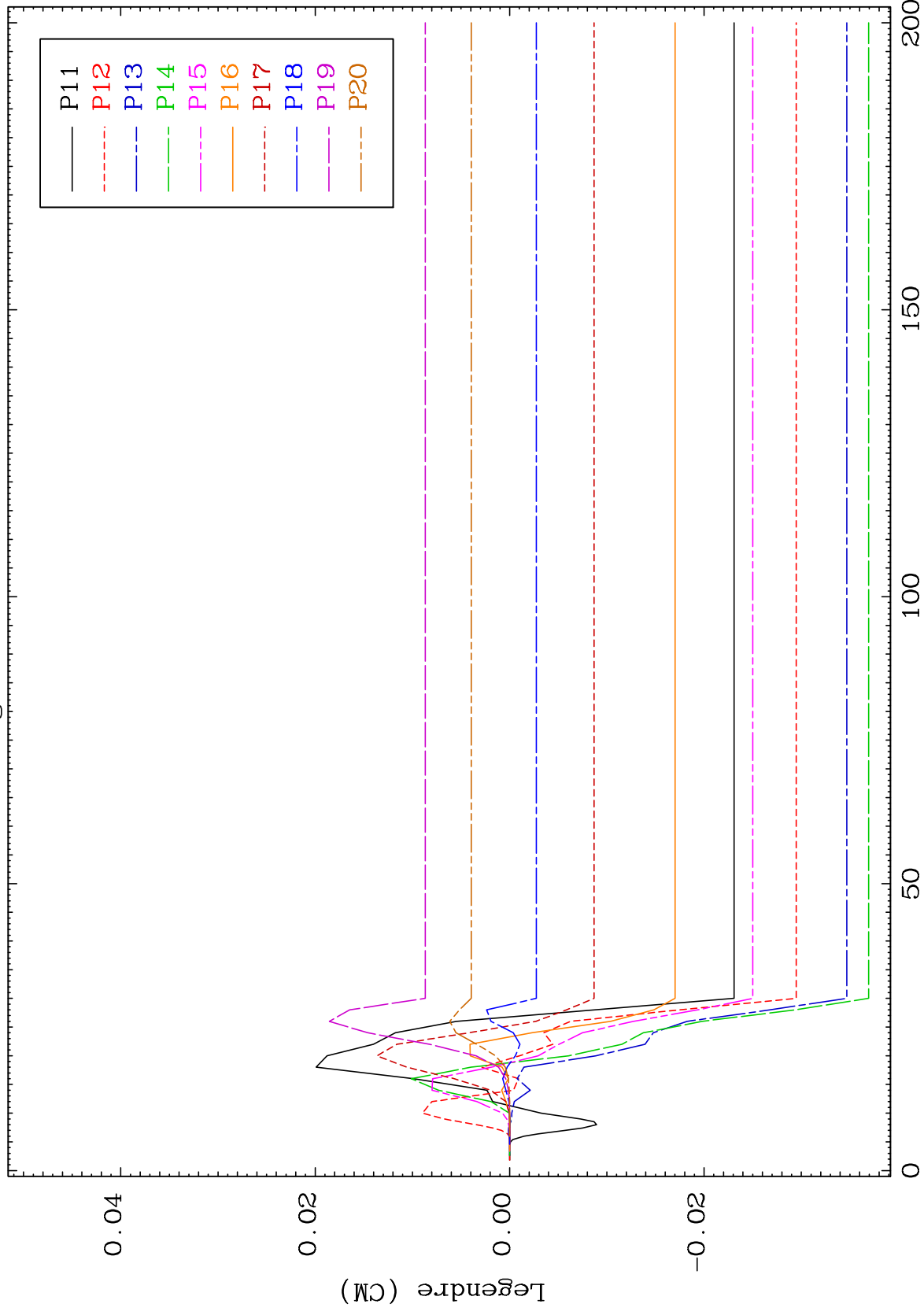
79-Au-199



MAT 7931

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

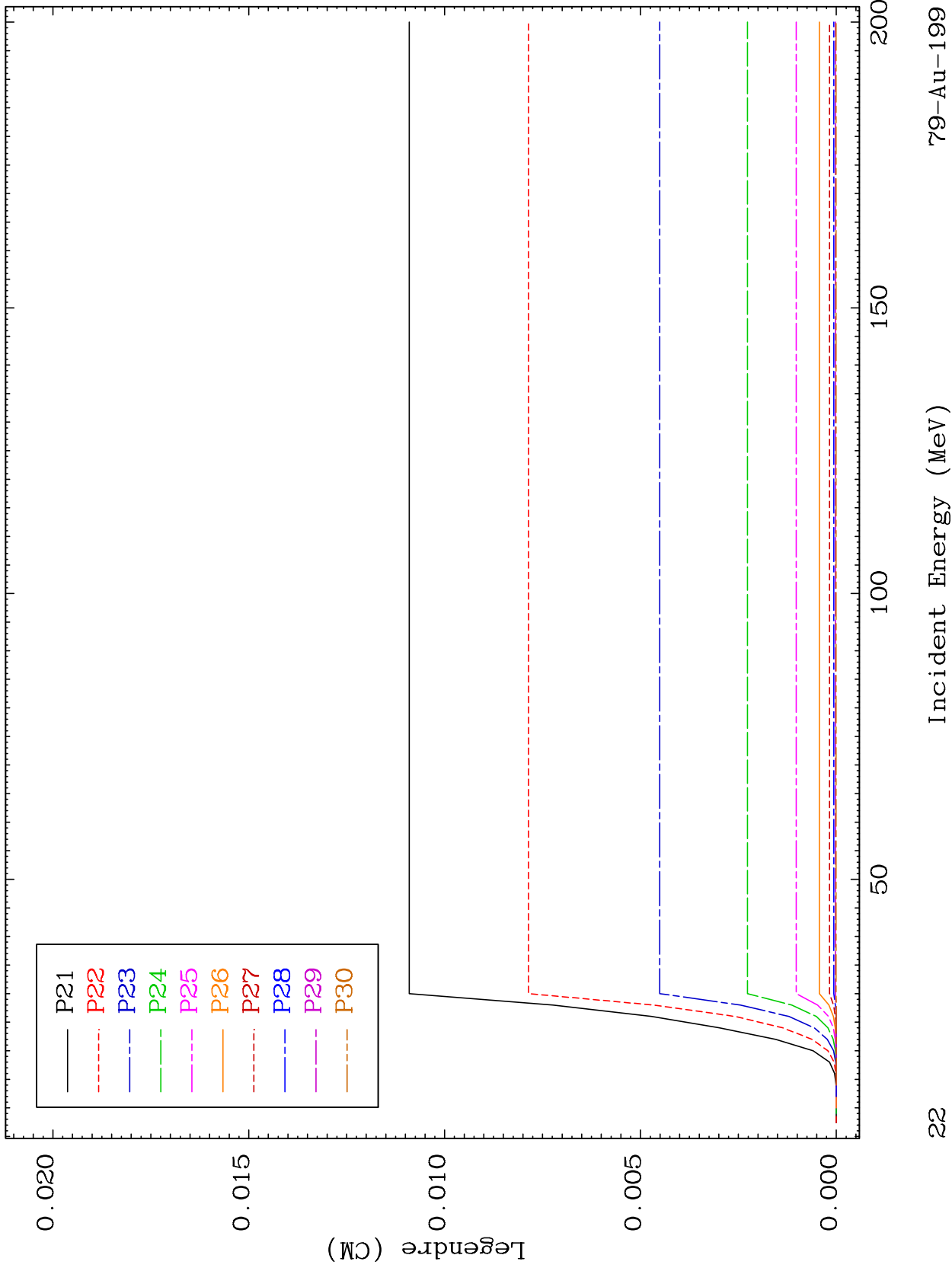
79-Au-199



21

Incident Energy (MeV)

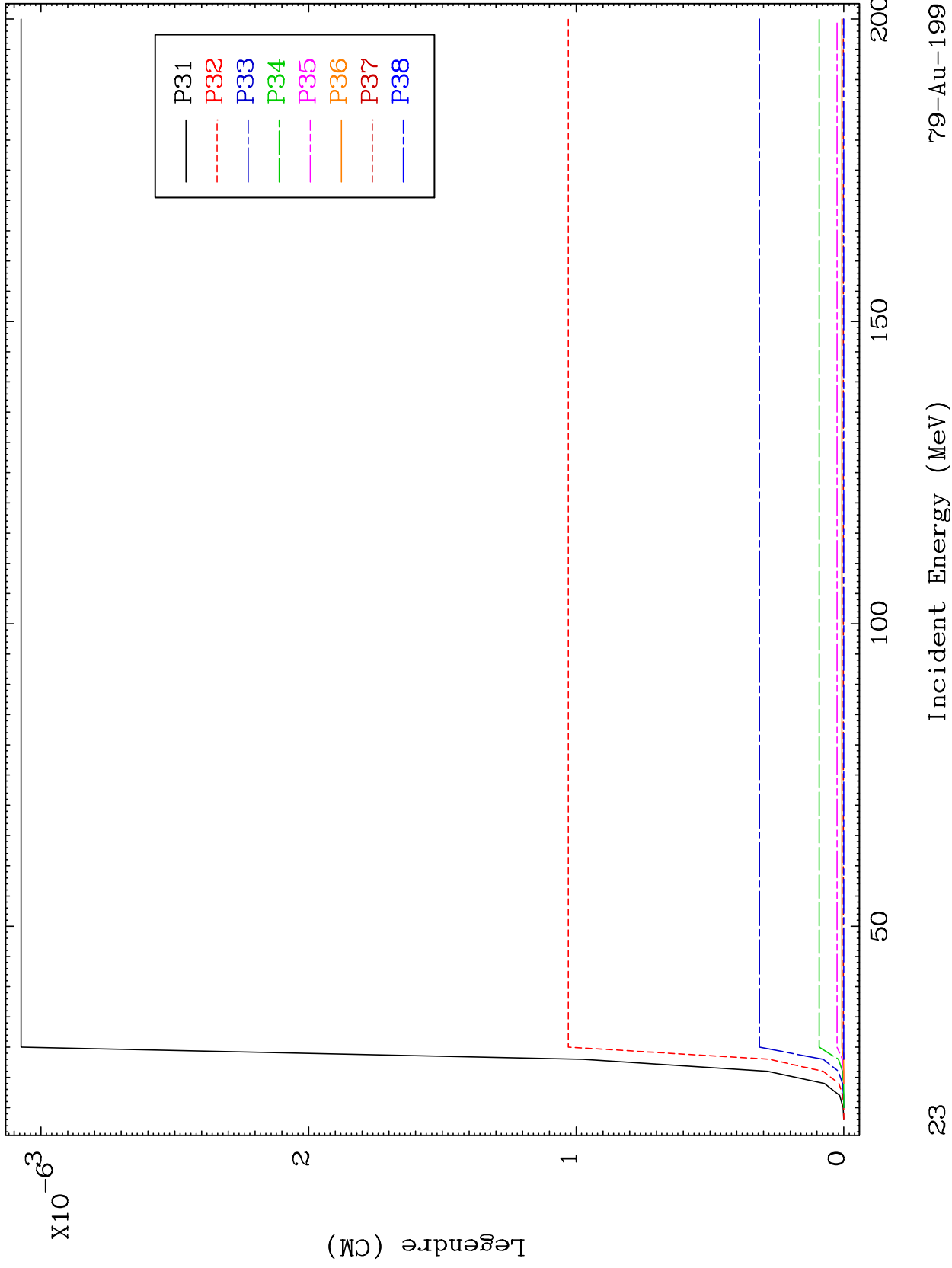
79-Au-199



MAT 7931

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

79-Au-199



23

Incident Energy (MeV)

79-Au-199

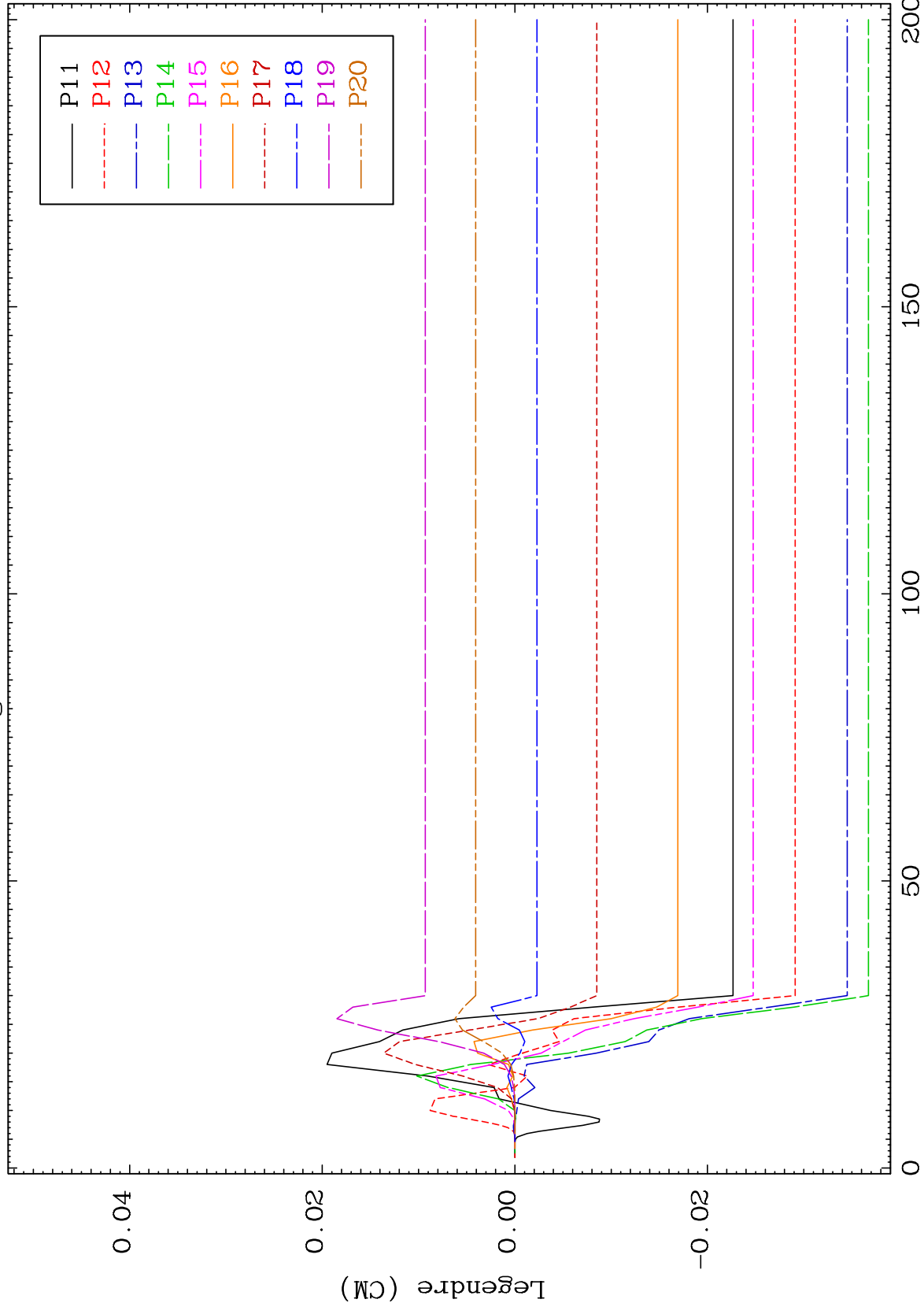




MAT 7931

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

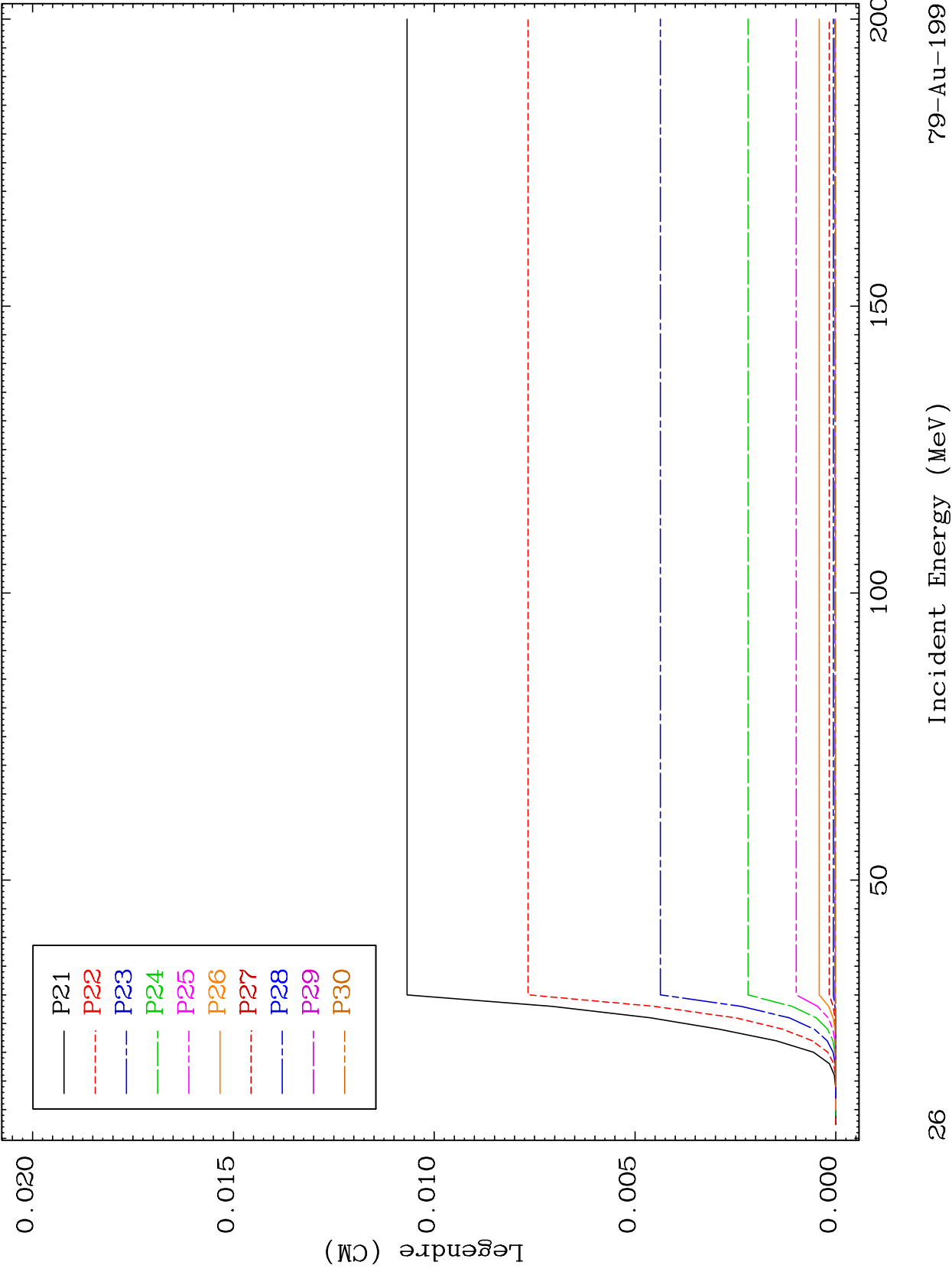
79-Au-199



25

Incident Energy (MeV)

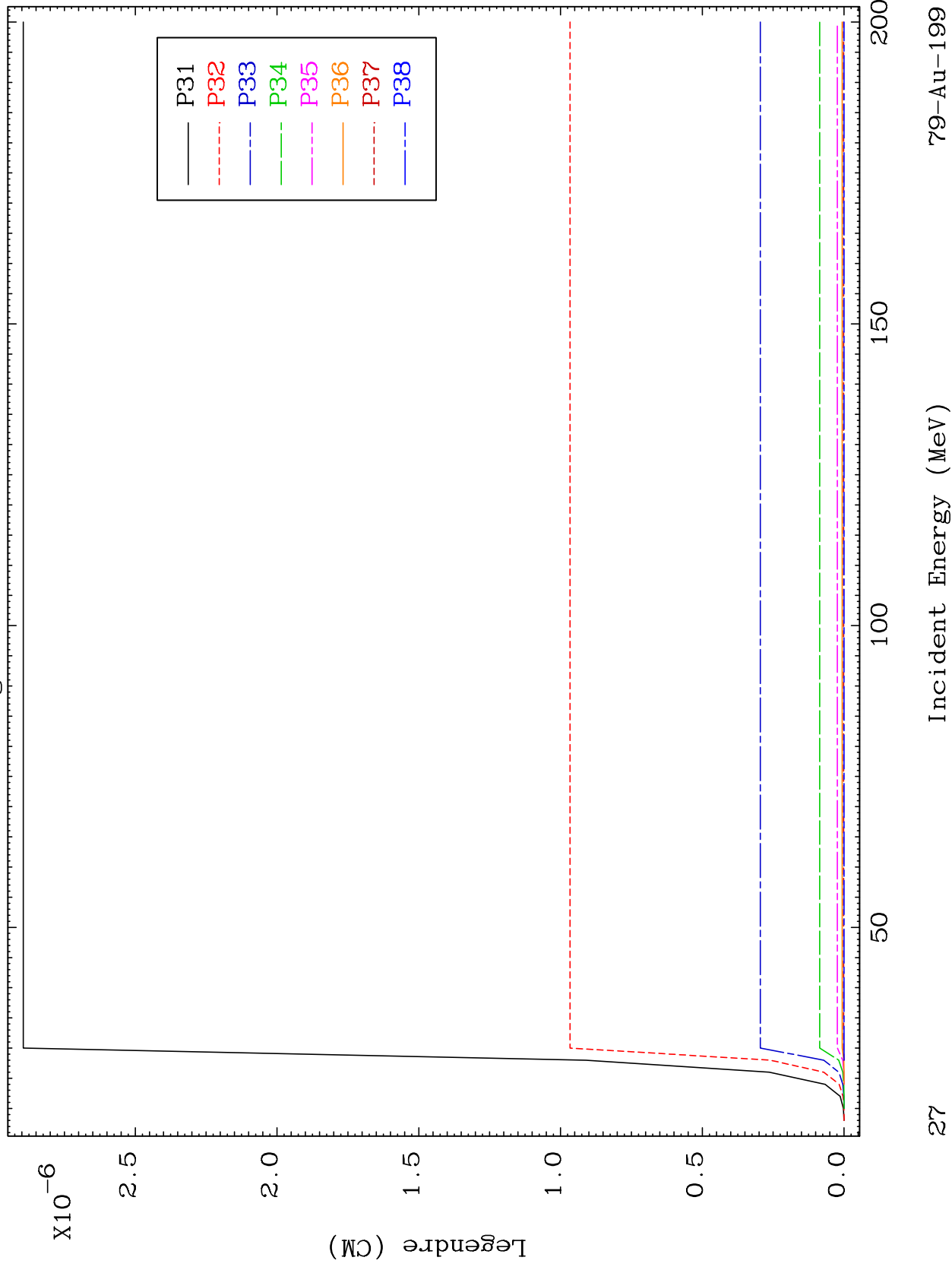
79-Au-199



MAT 7931

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

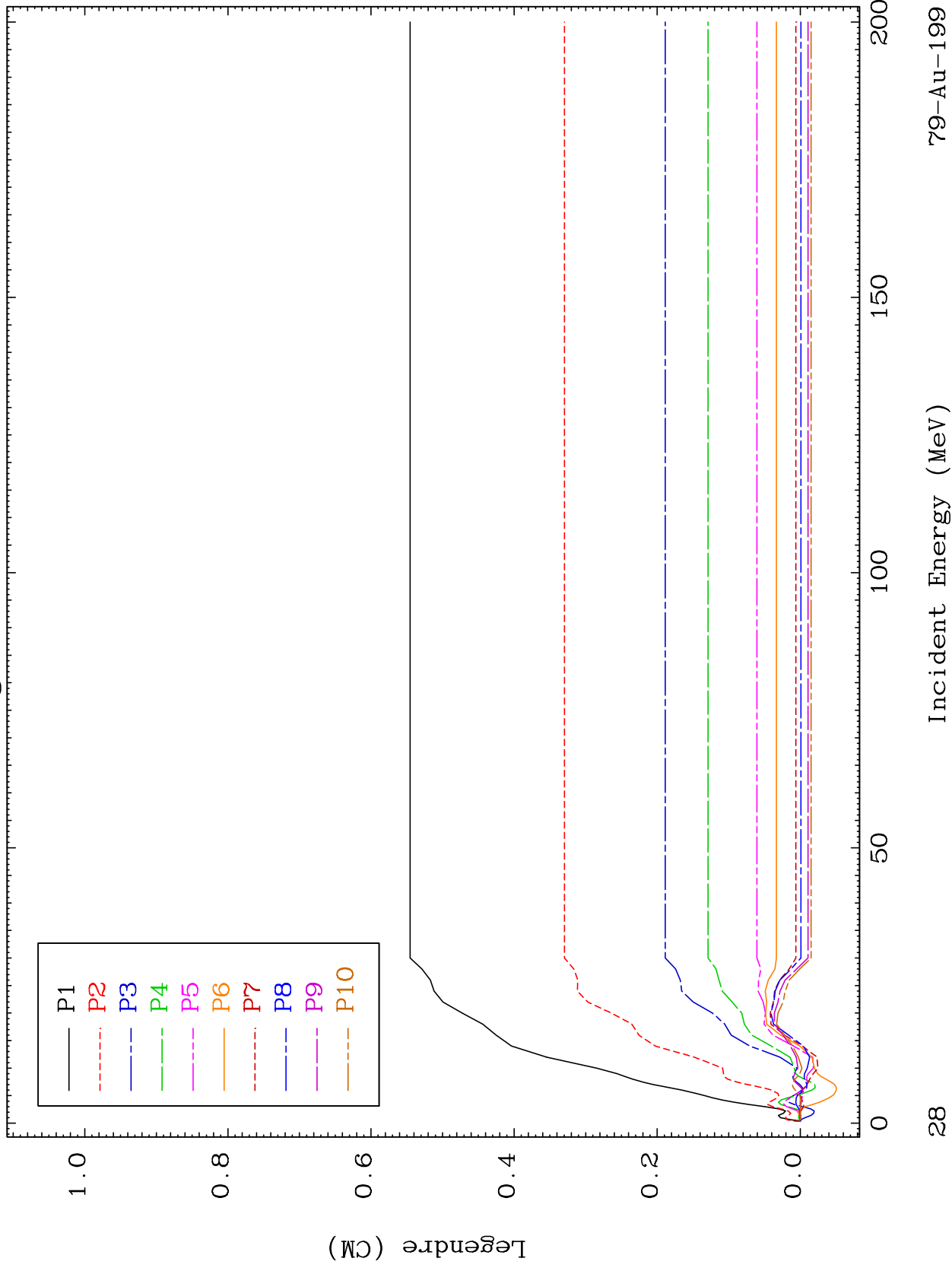
79-Au-199



MAT 7931

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

79-Au-199



79-Au-199

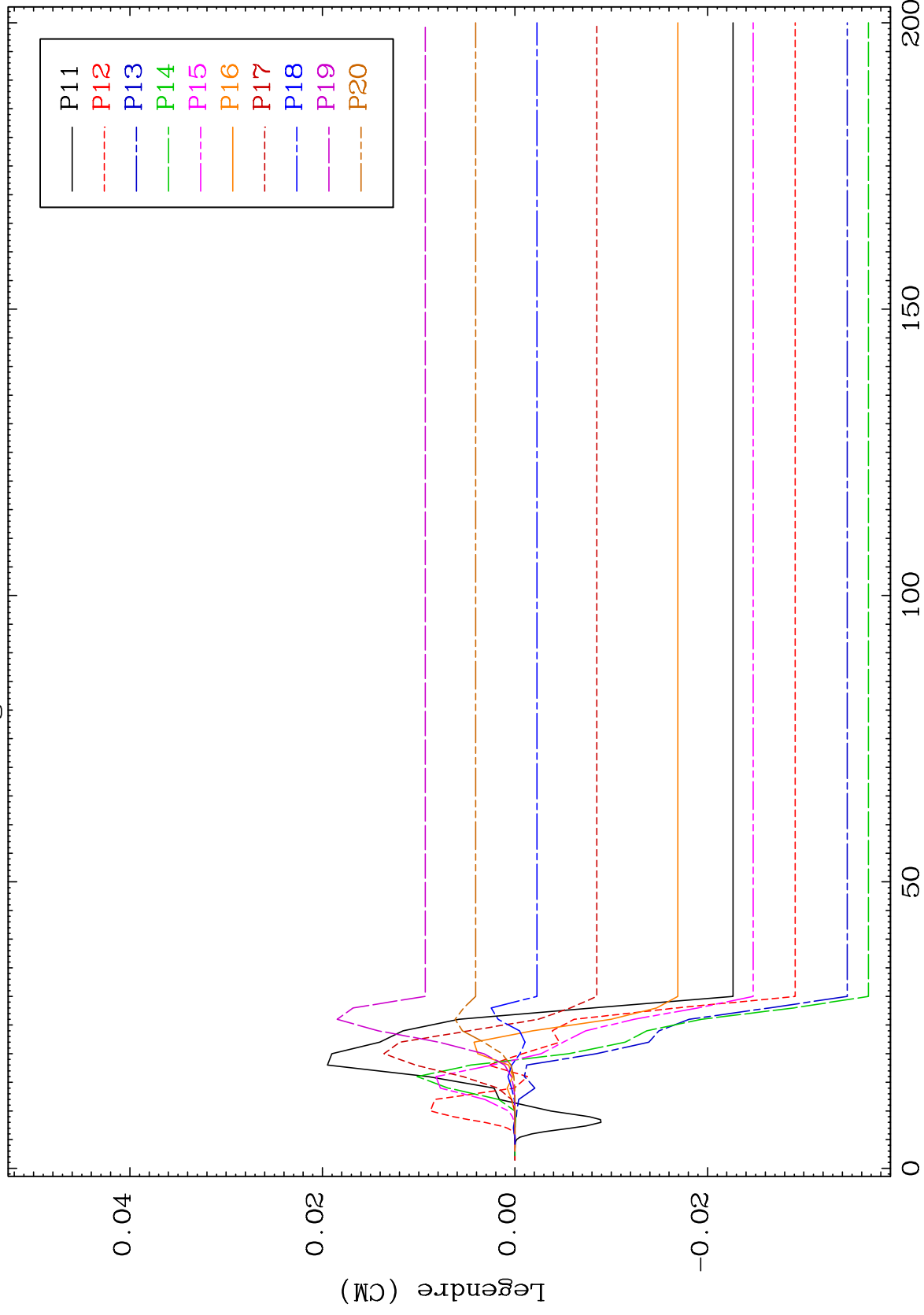
Incident Energy (MeV)

28

MAT 7931

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

79-Au-199



29

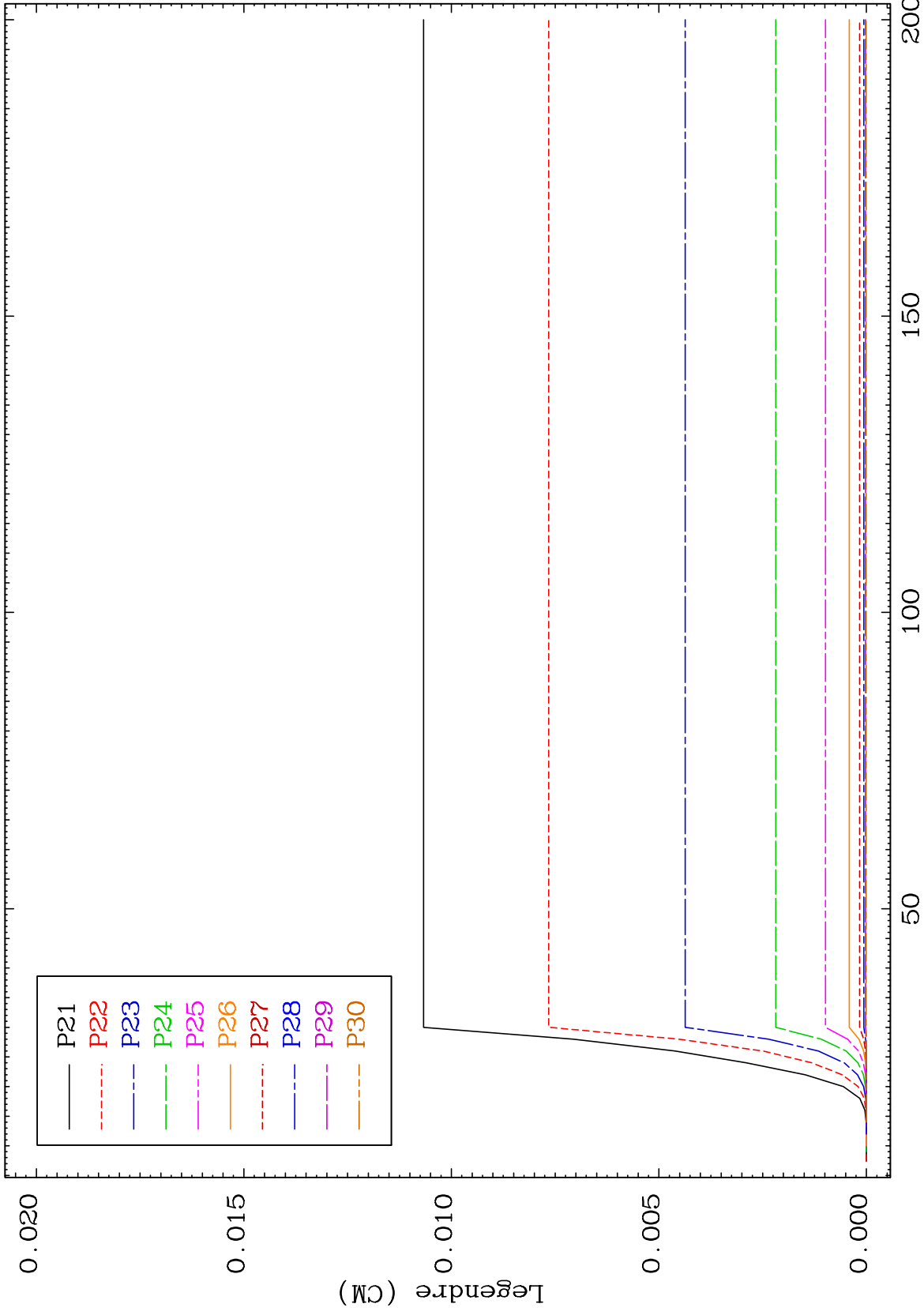
Incident Energy (MeV)

79-Au-199

MAT 7931

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

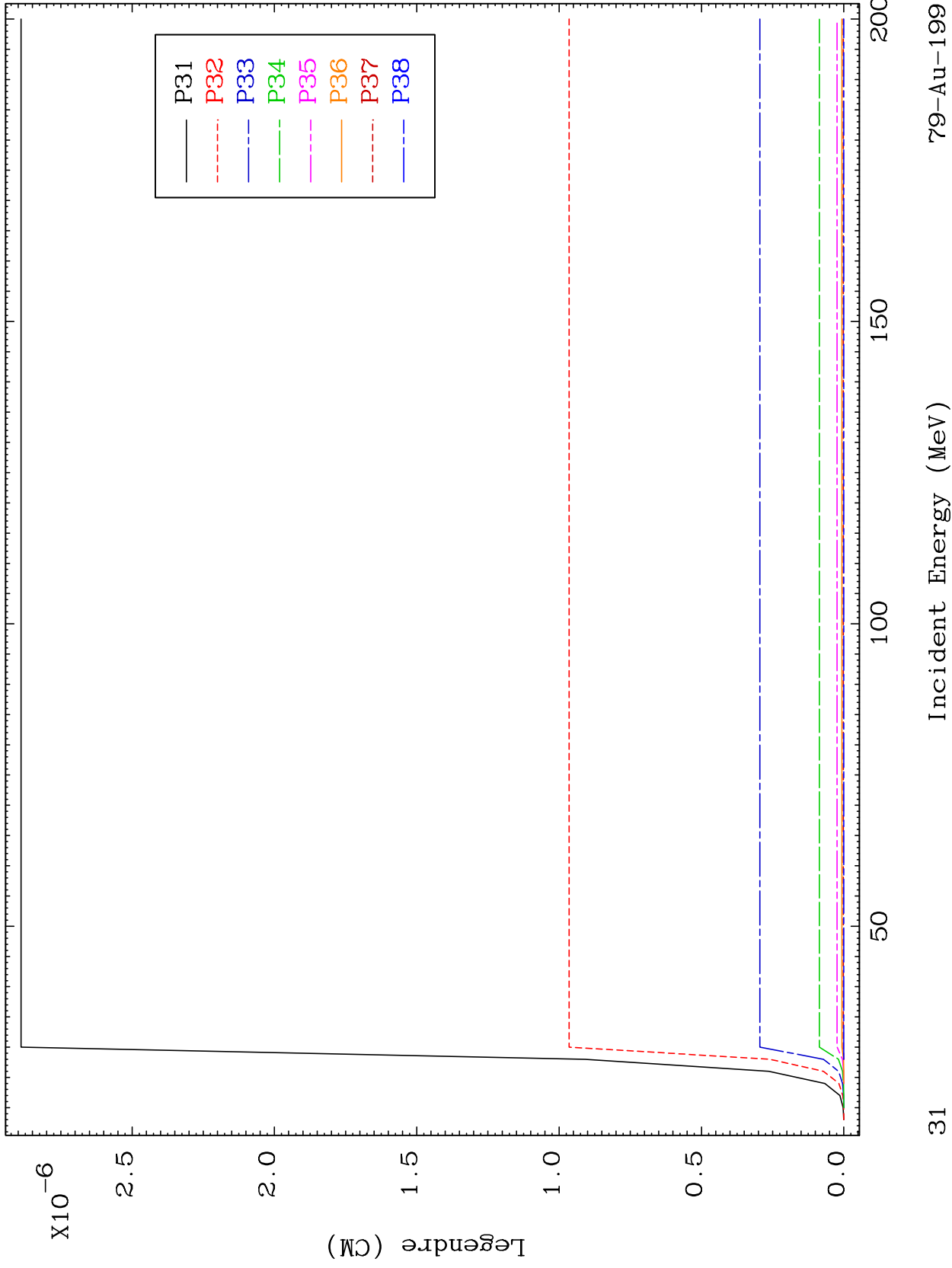
79-Au-199



30

Incident Energy (MeV)

79-Au-199



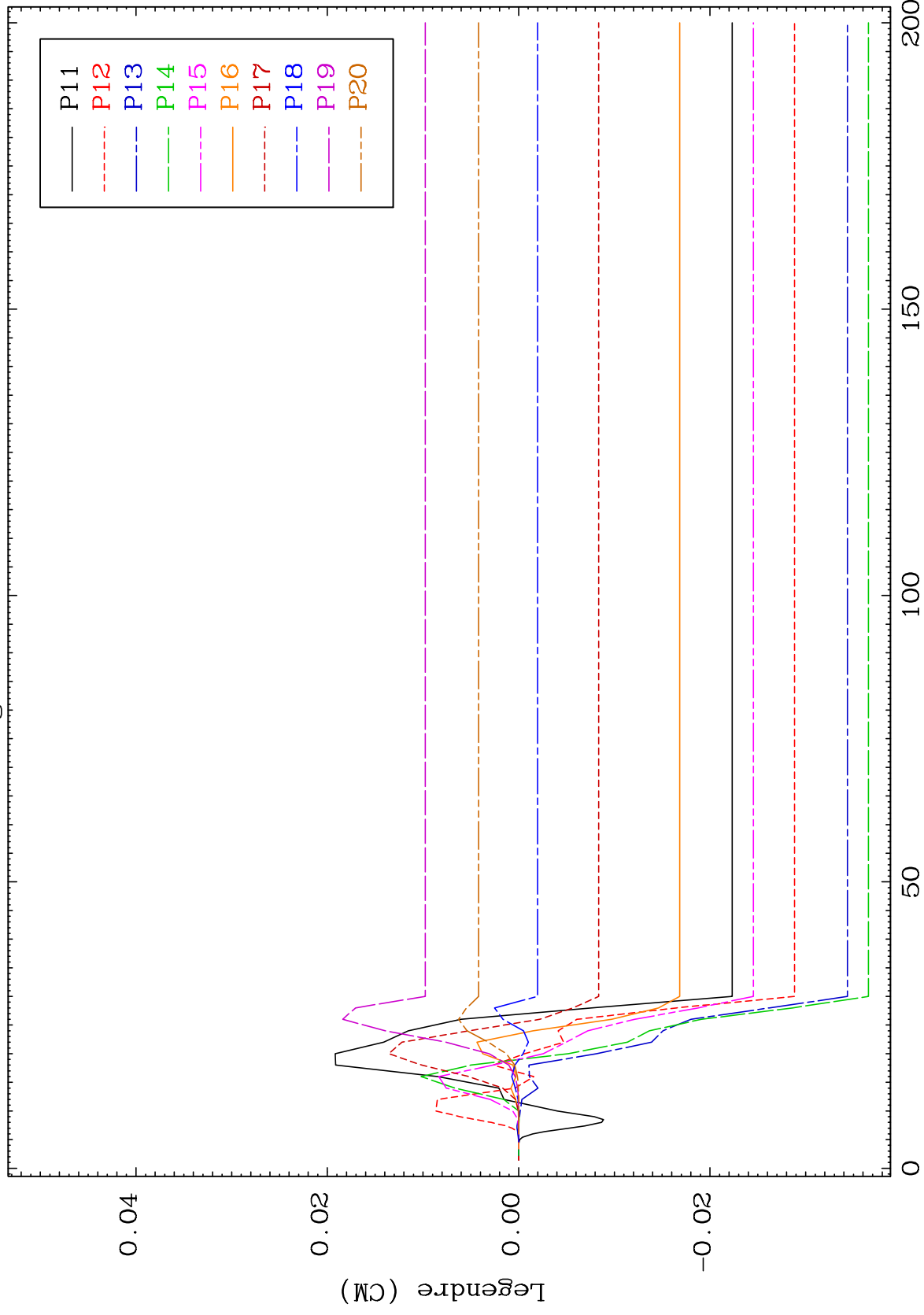




MAT 7931

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

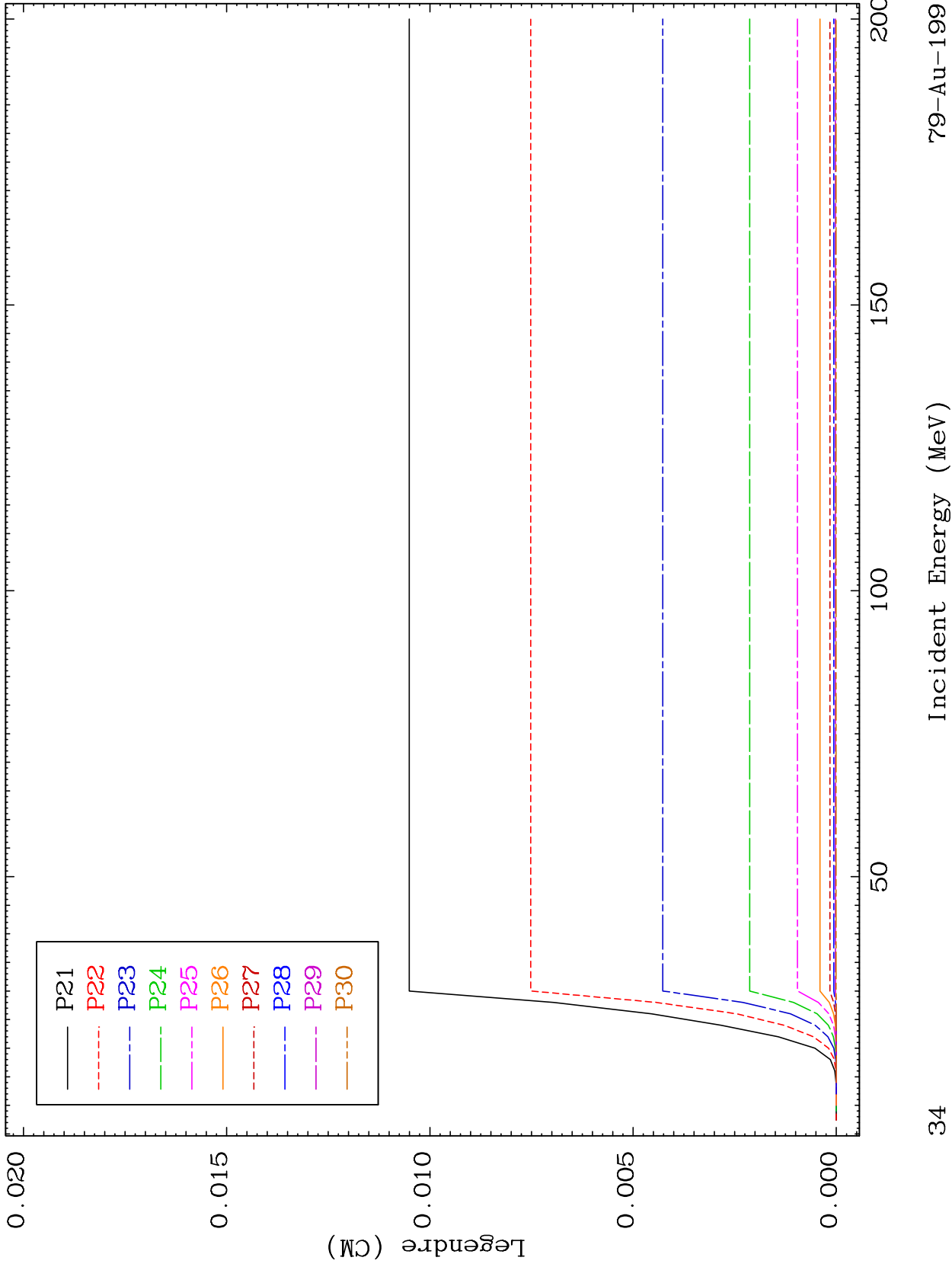
79-Au-199



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Incident Energy (MeV)

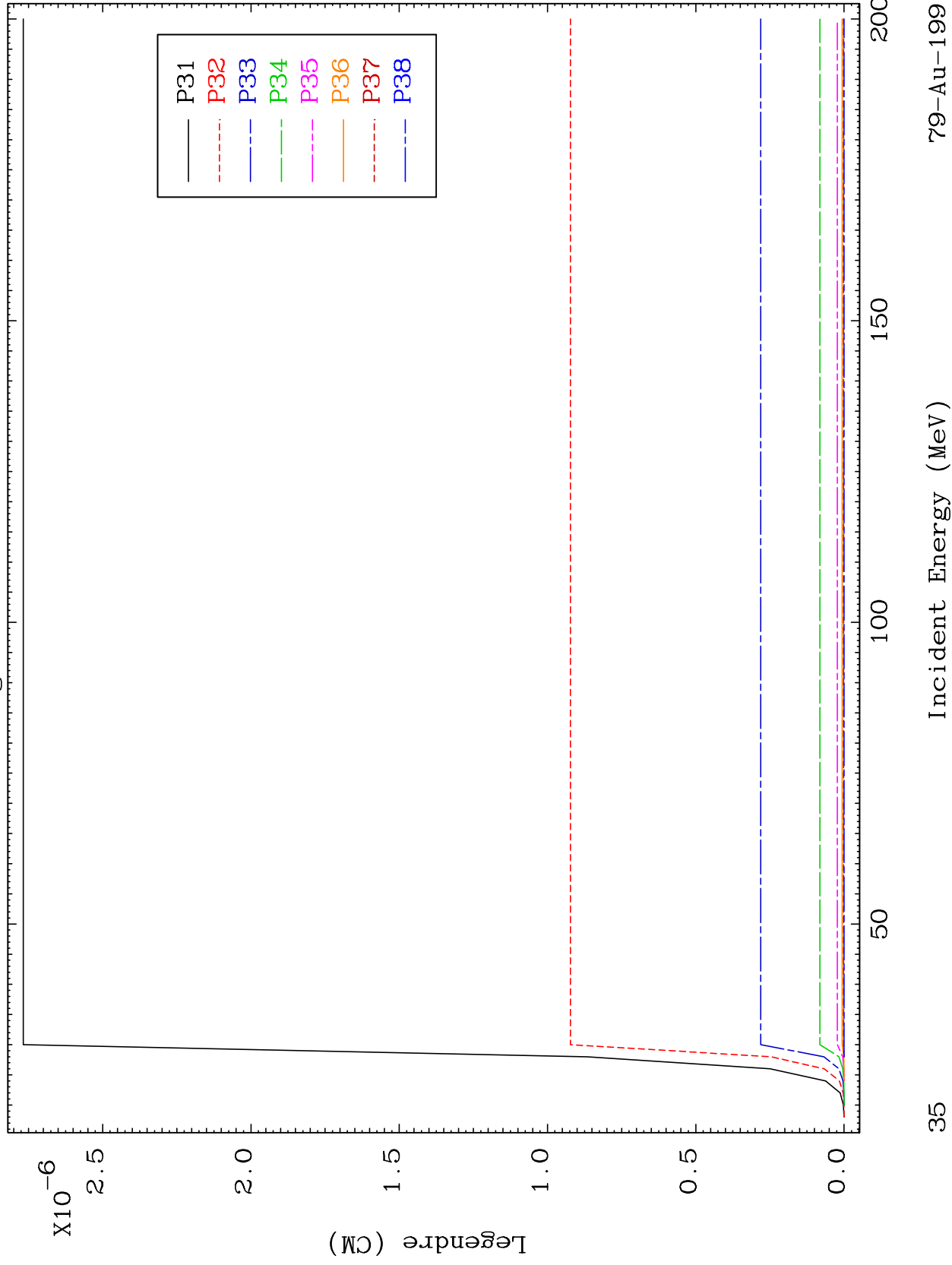
79-Au-199



MAT 7931

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

79-Au-199



35

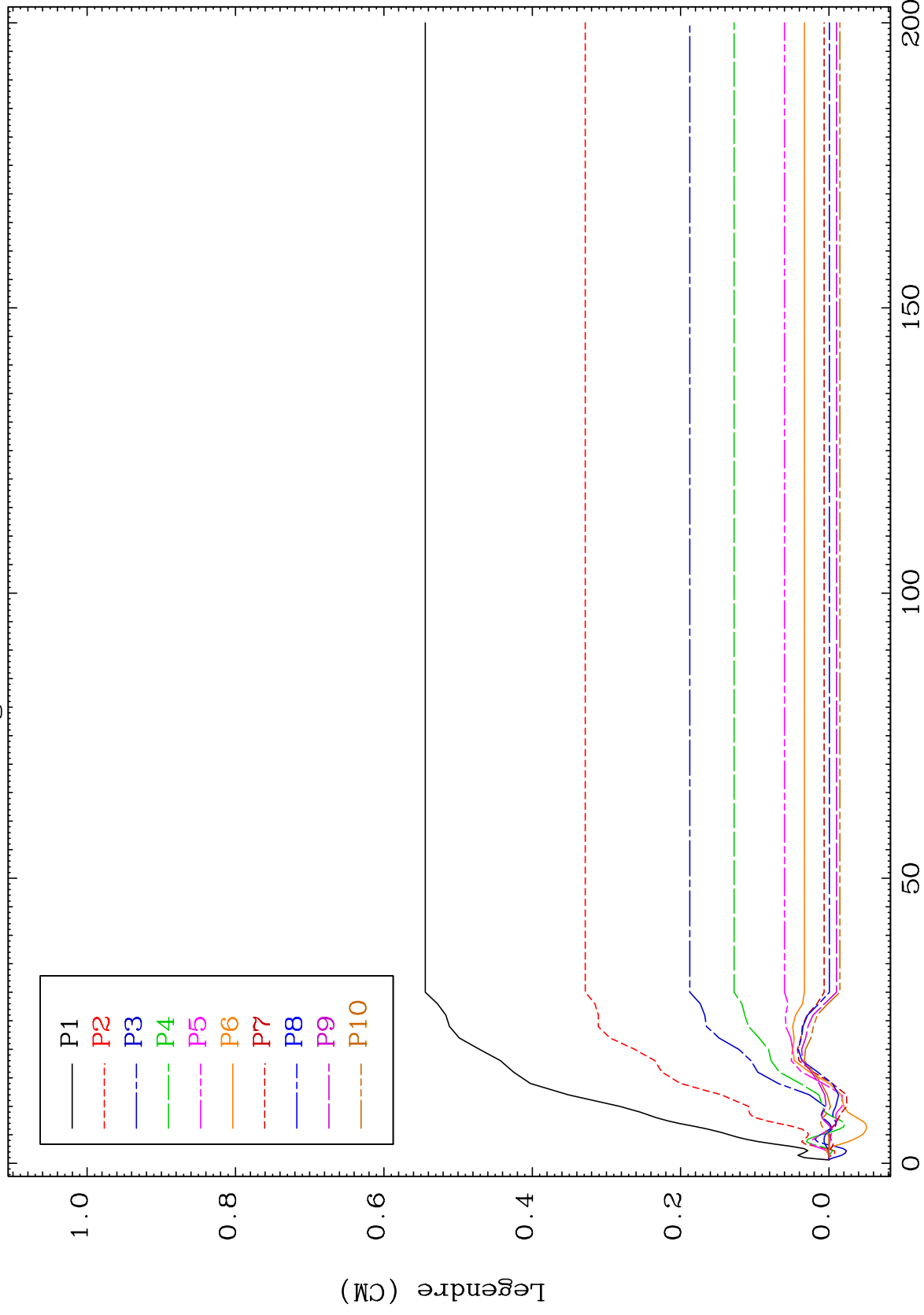
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



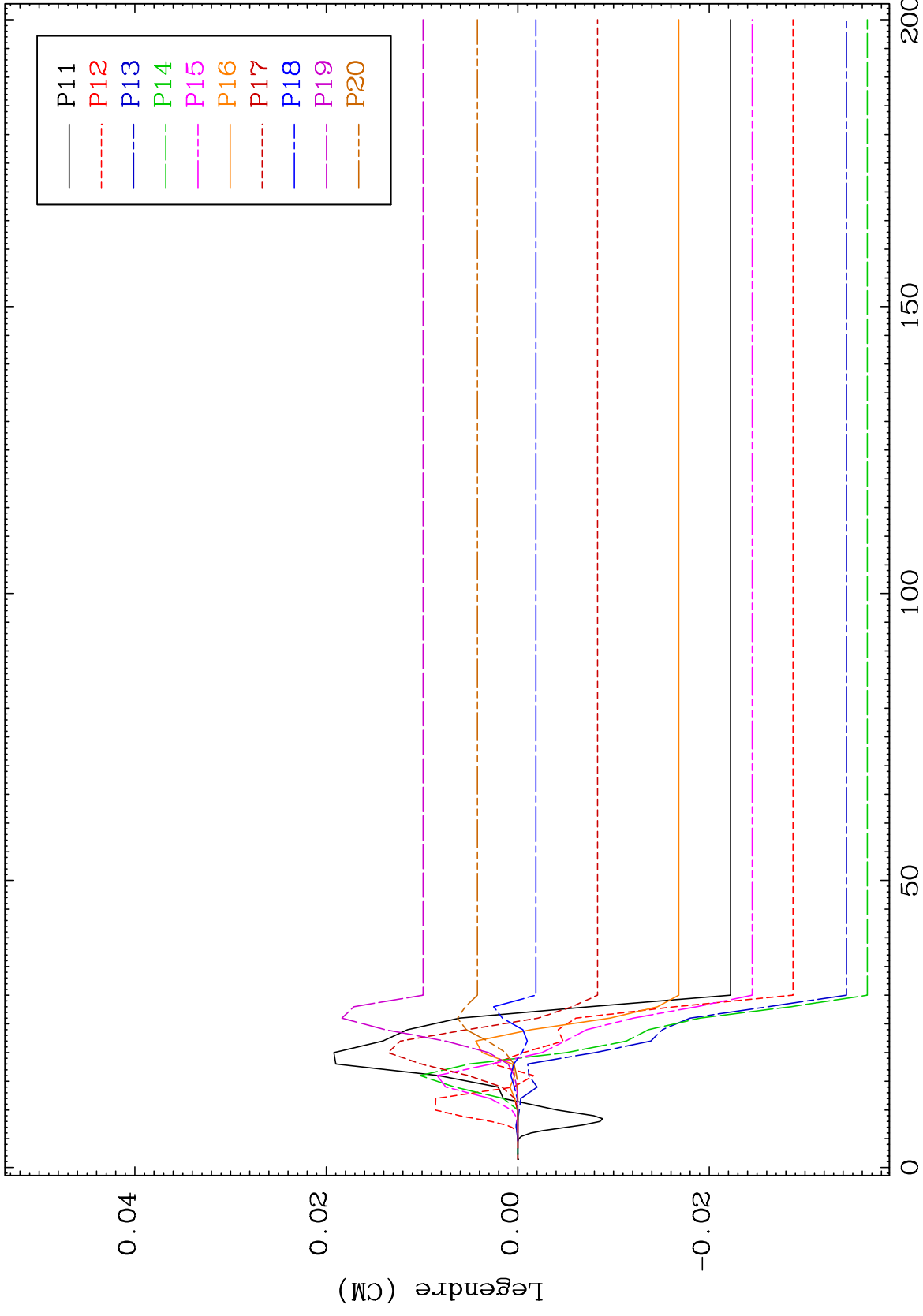
36

79-Au-199

MAT 7931

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

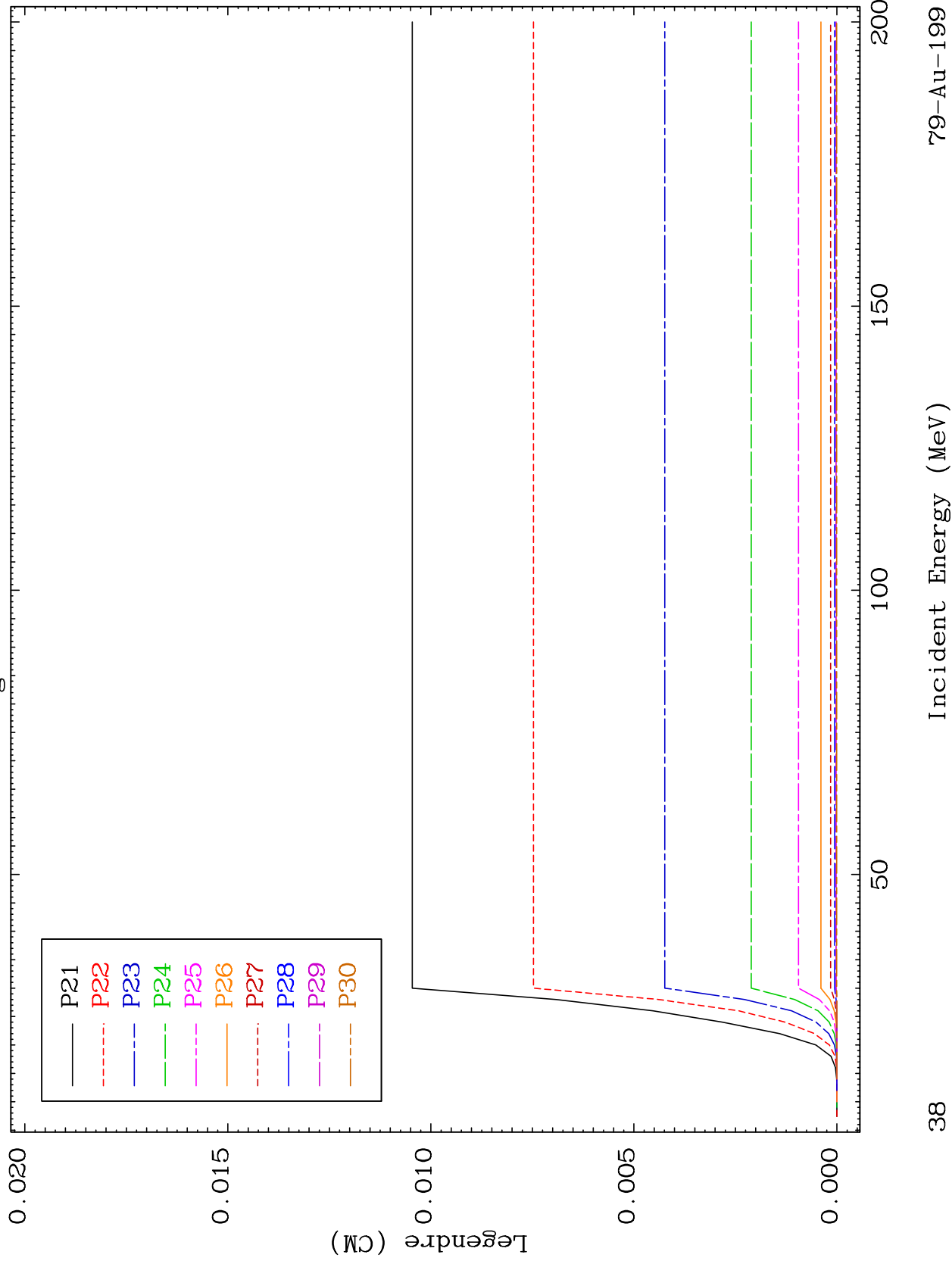
79-Au-199



37

Incident Energy (MeV)

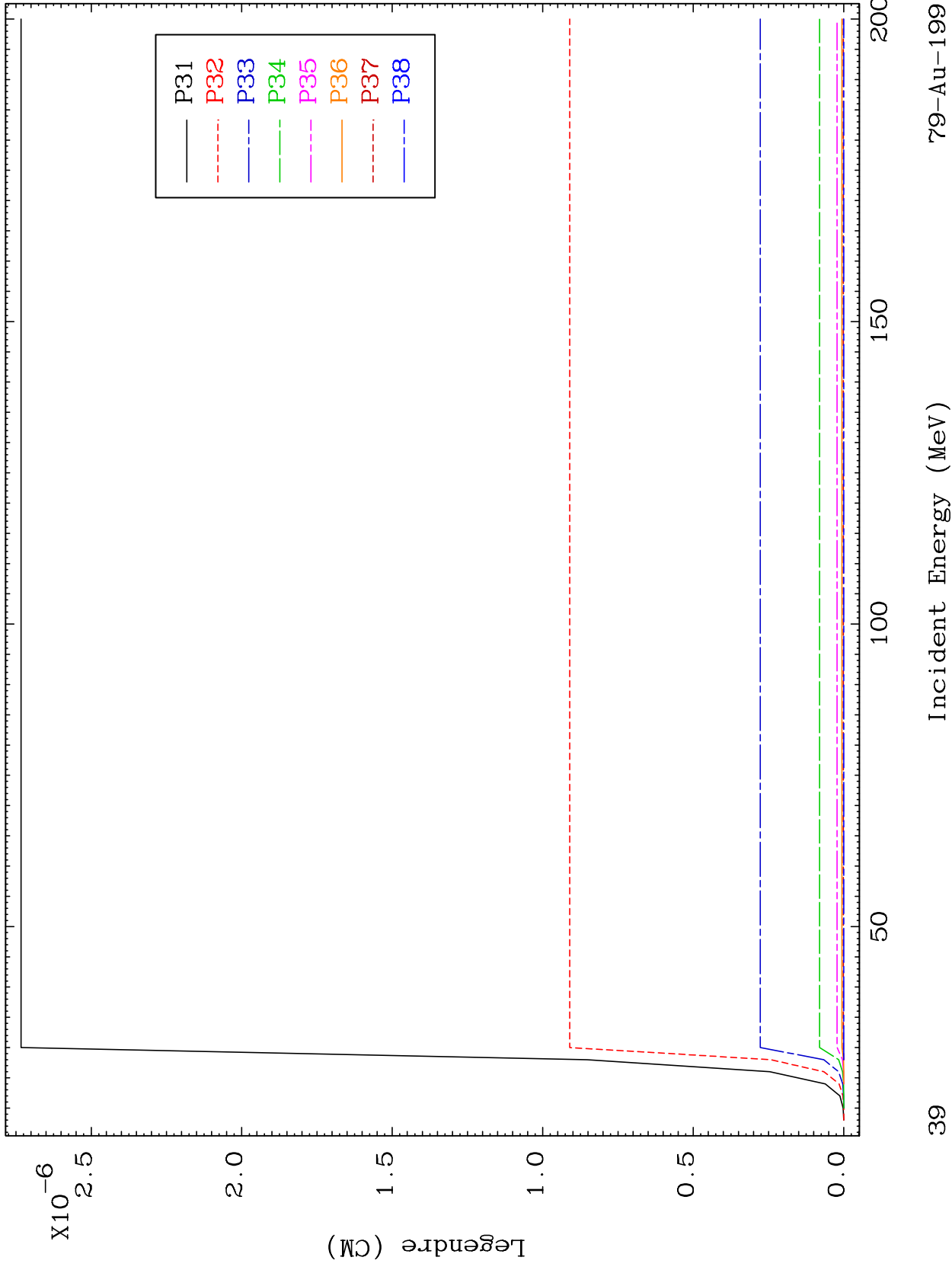
79-Au-199



MAT 7931

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

79-Au-199

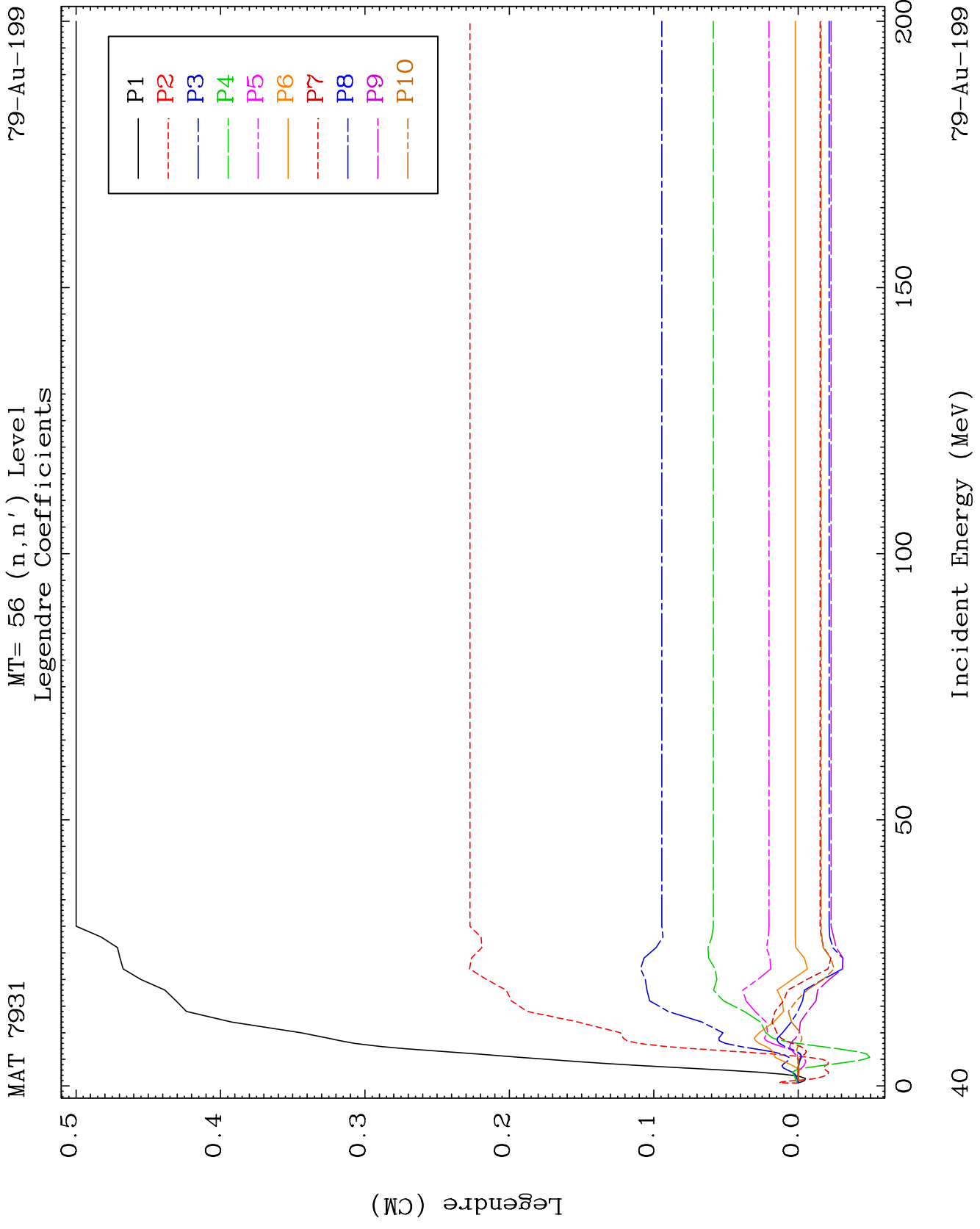


39

Incident Energy (MeV)

79-Au-199

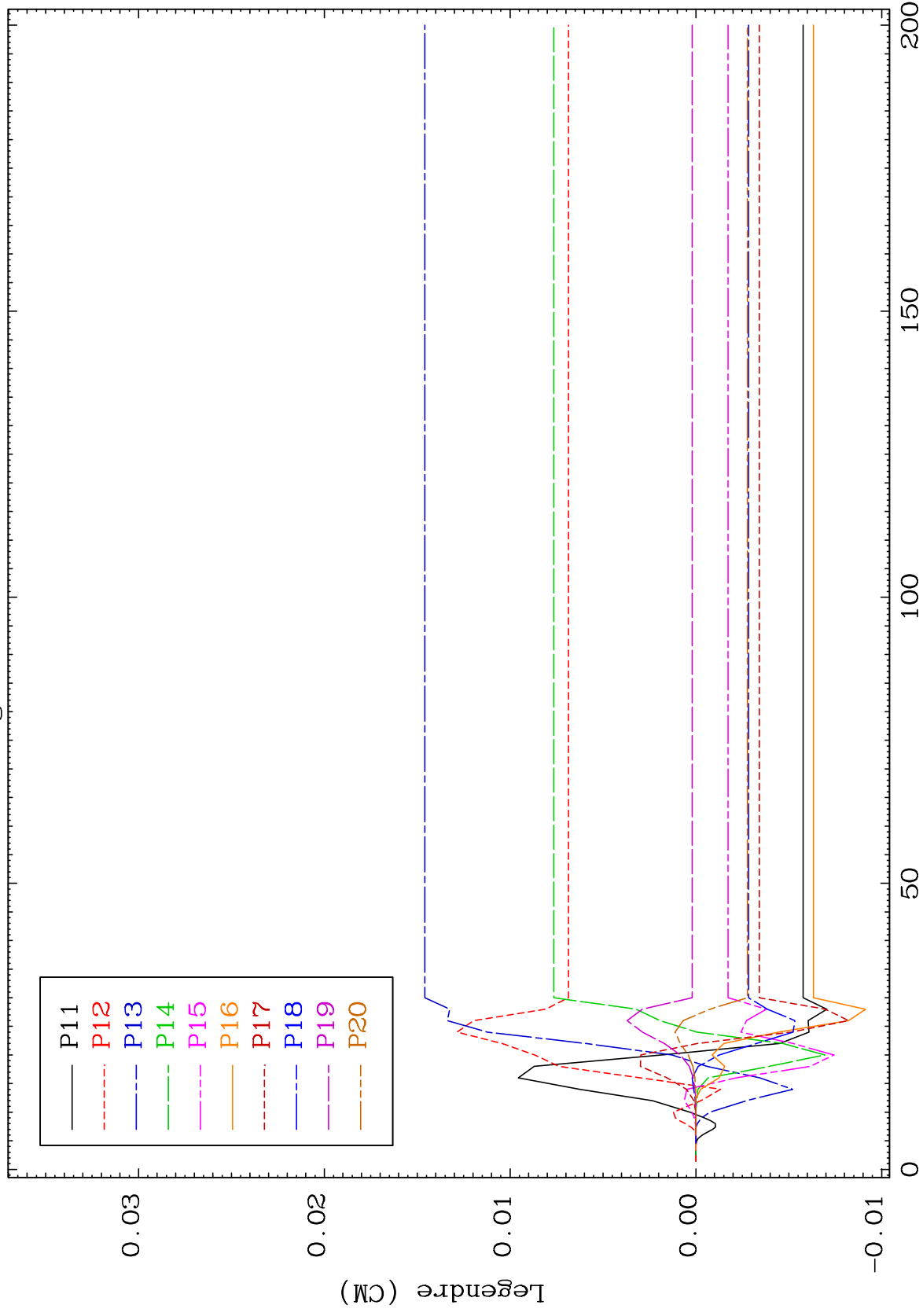




MAT 7931

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

79-Au-199



41

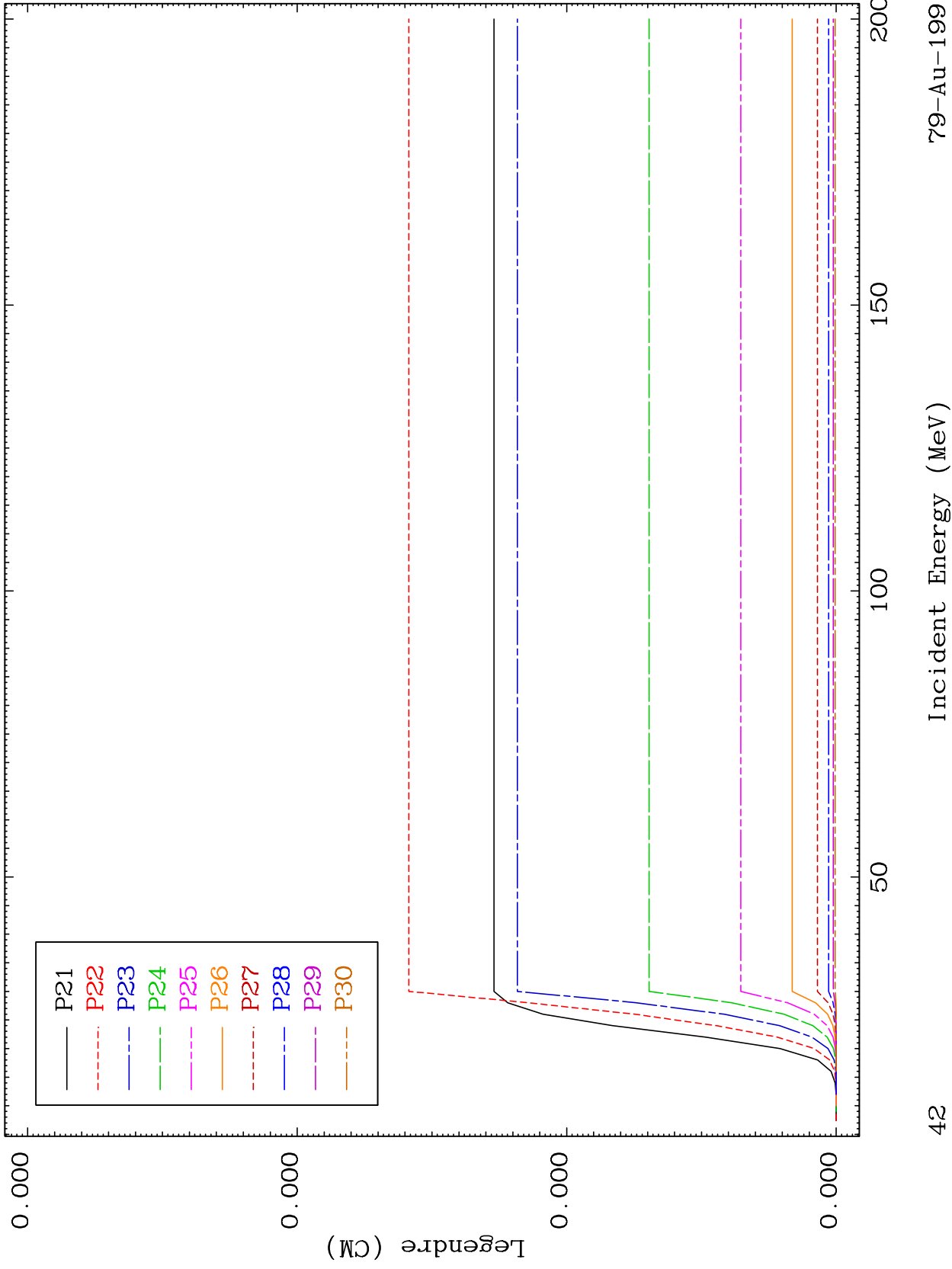
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



42

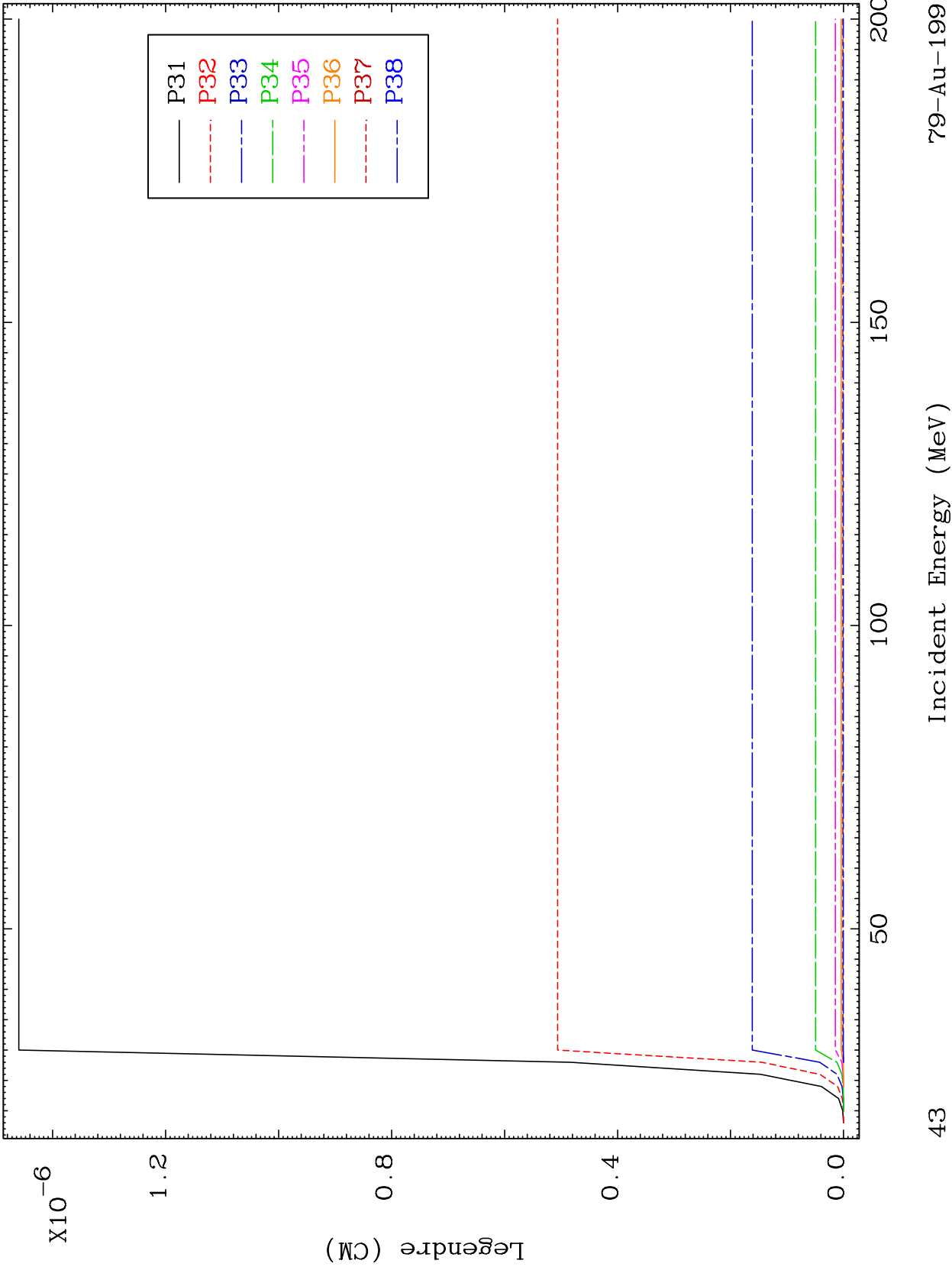
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



43

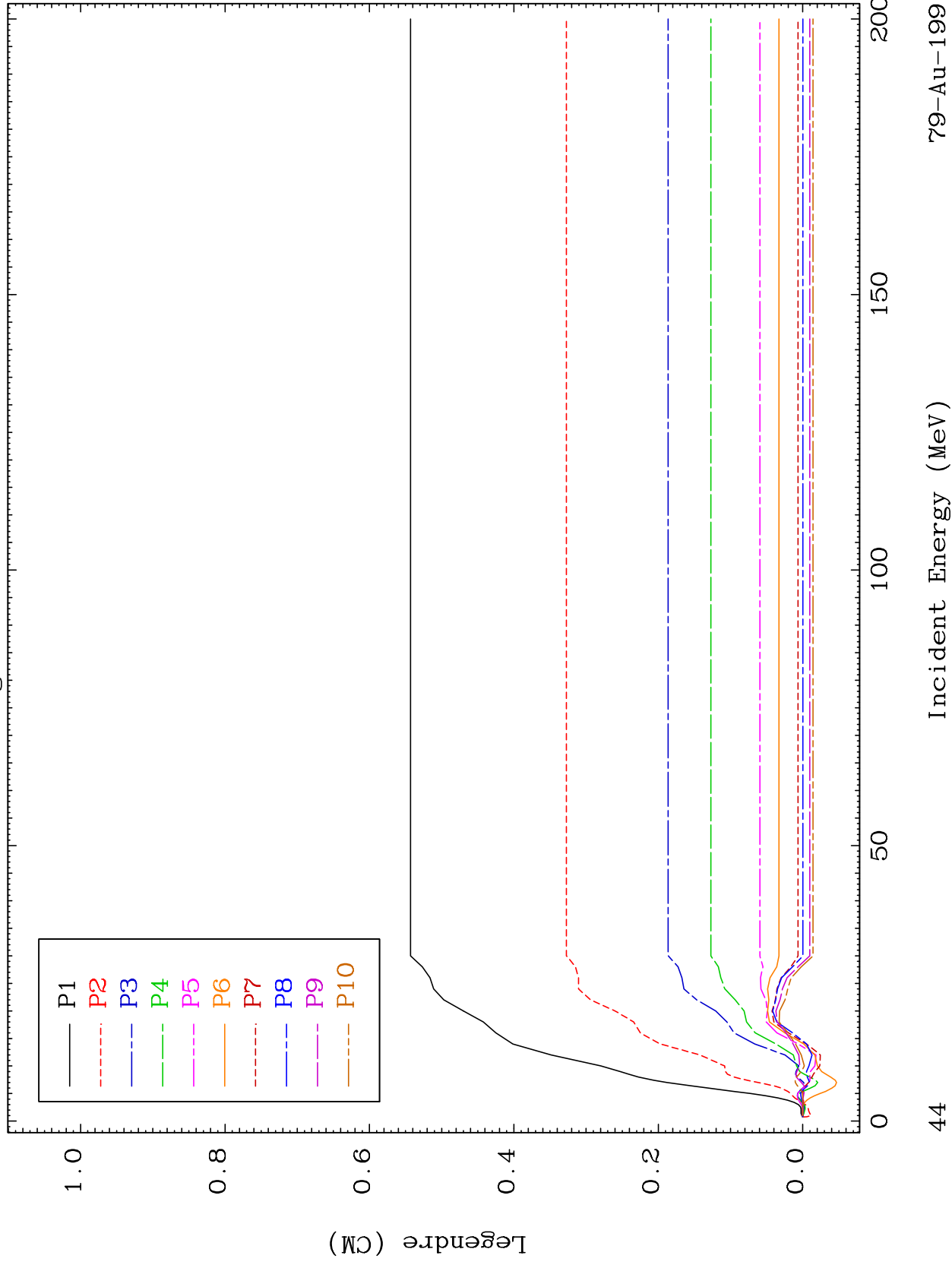
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199

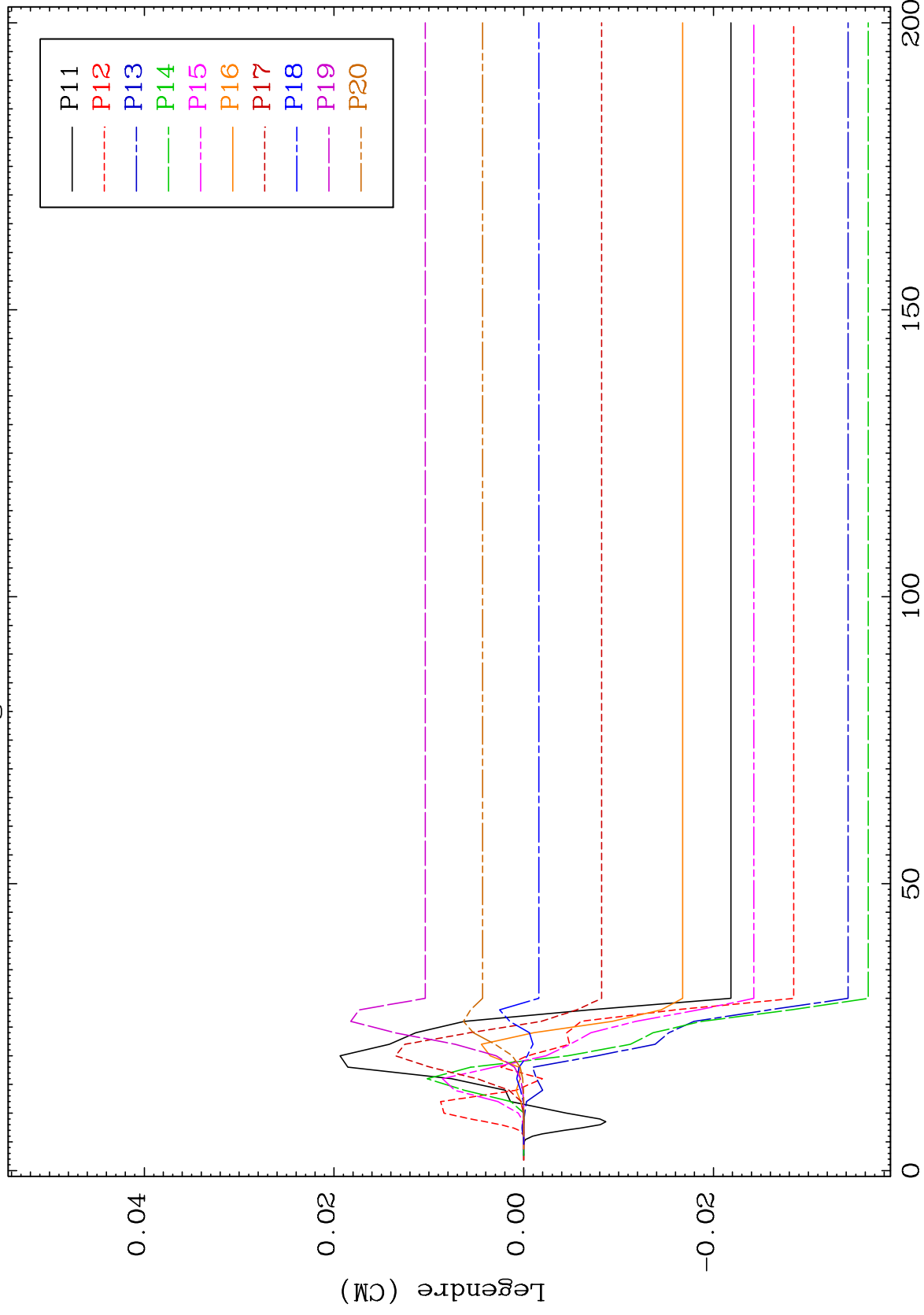


44

MAT 7931

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

79-Au-199



45

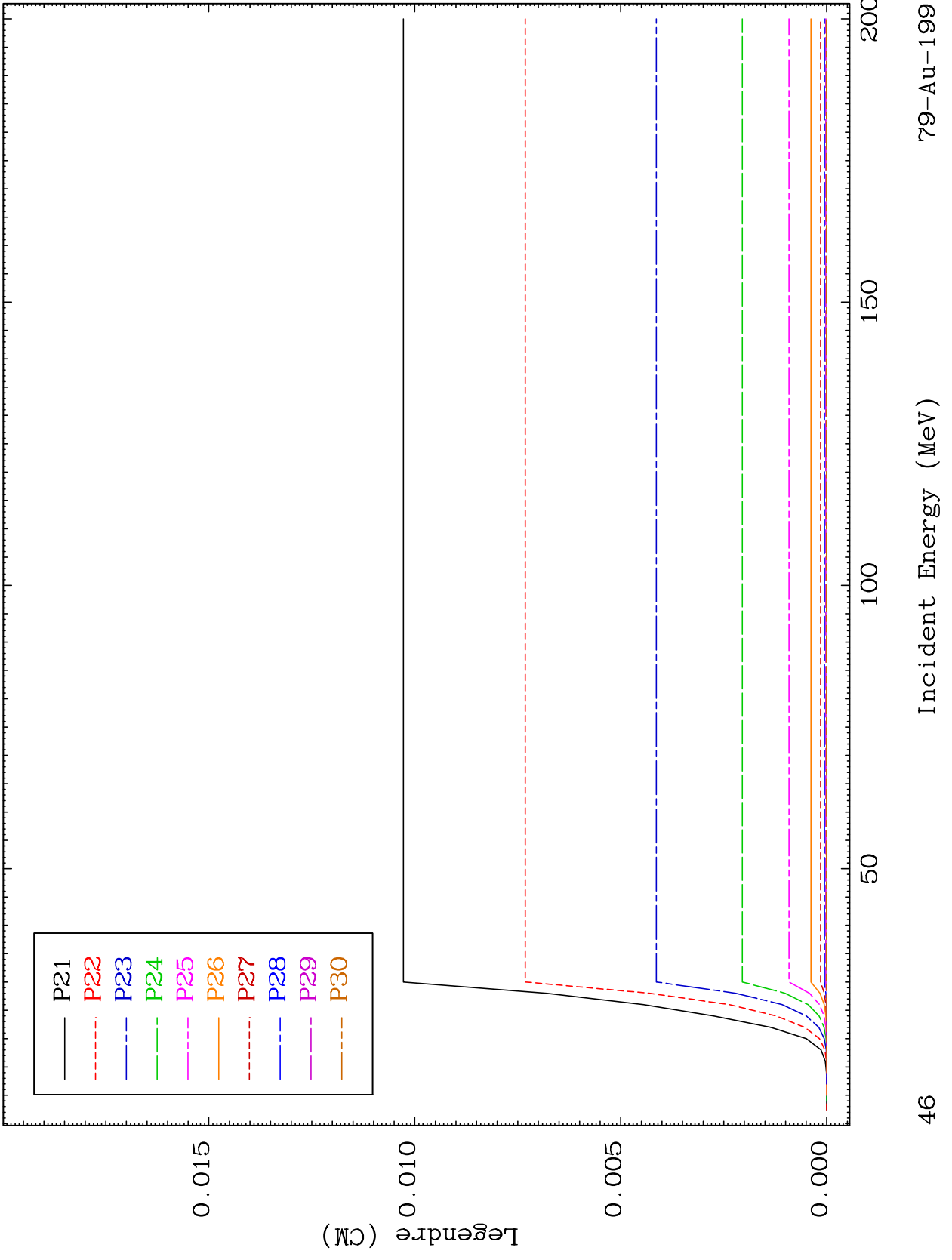
79-Au-199

79-Au-199

MAT 7931

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

79-Au-199



46

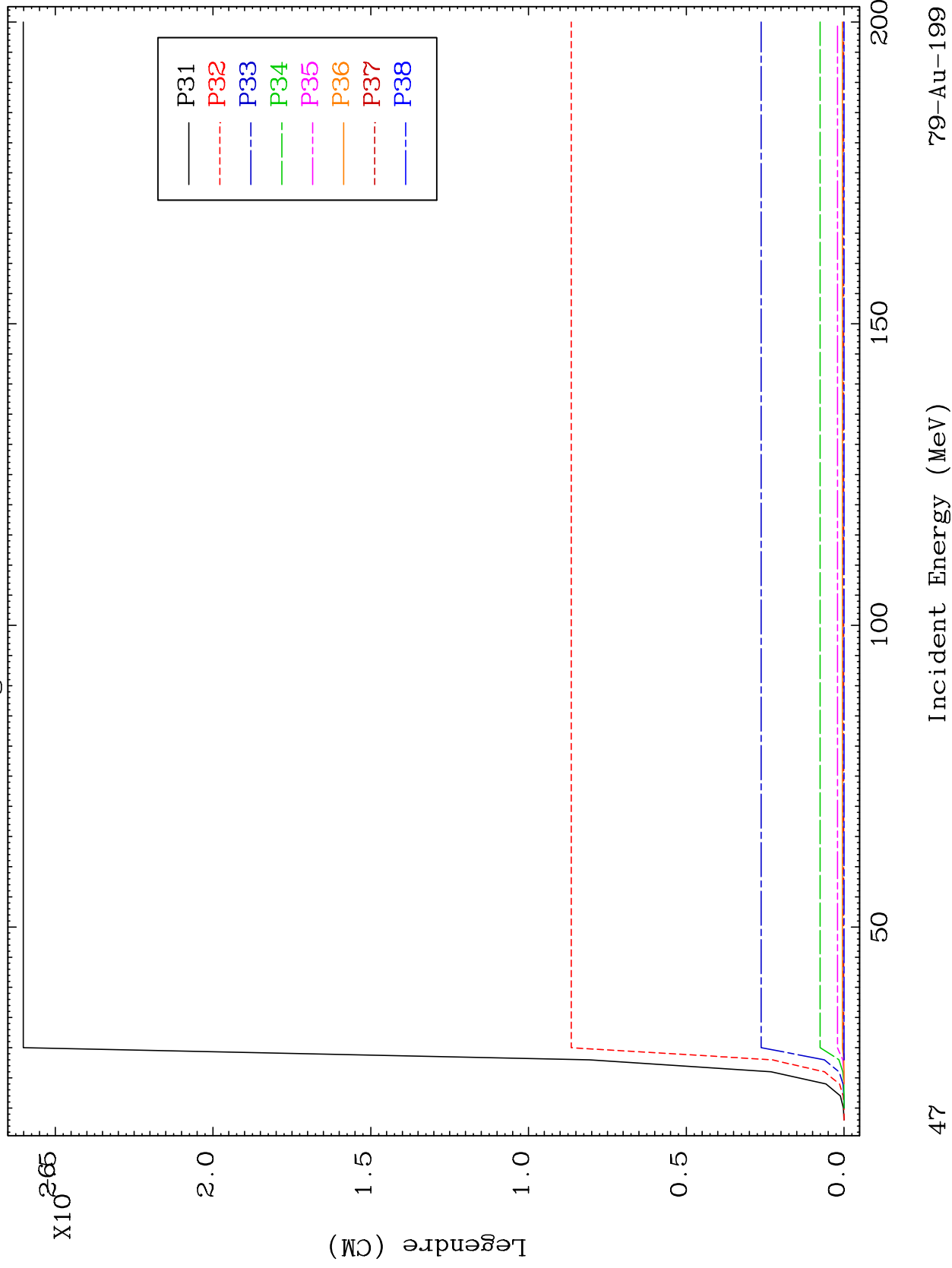
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



47

Incident Energy (MeV)

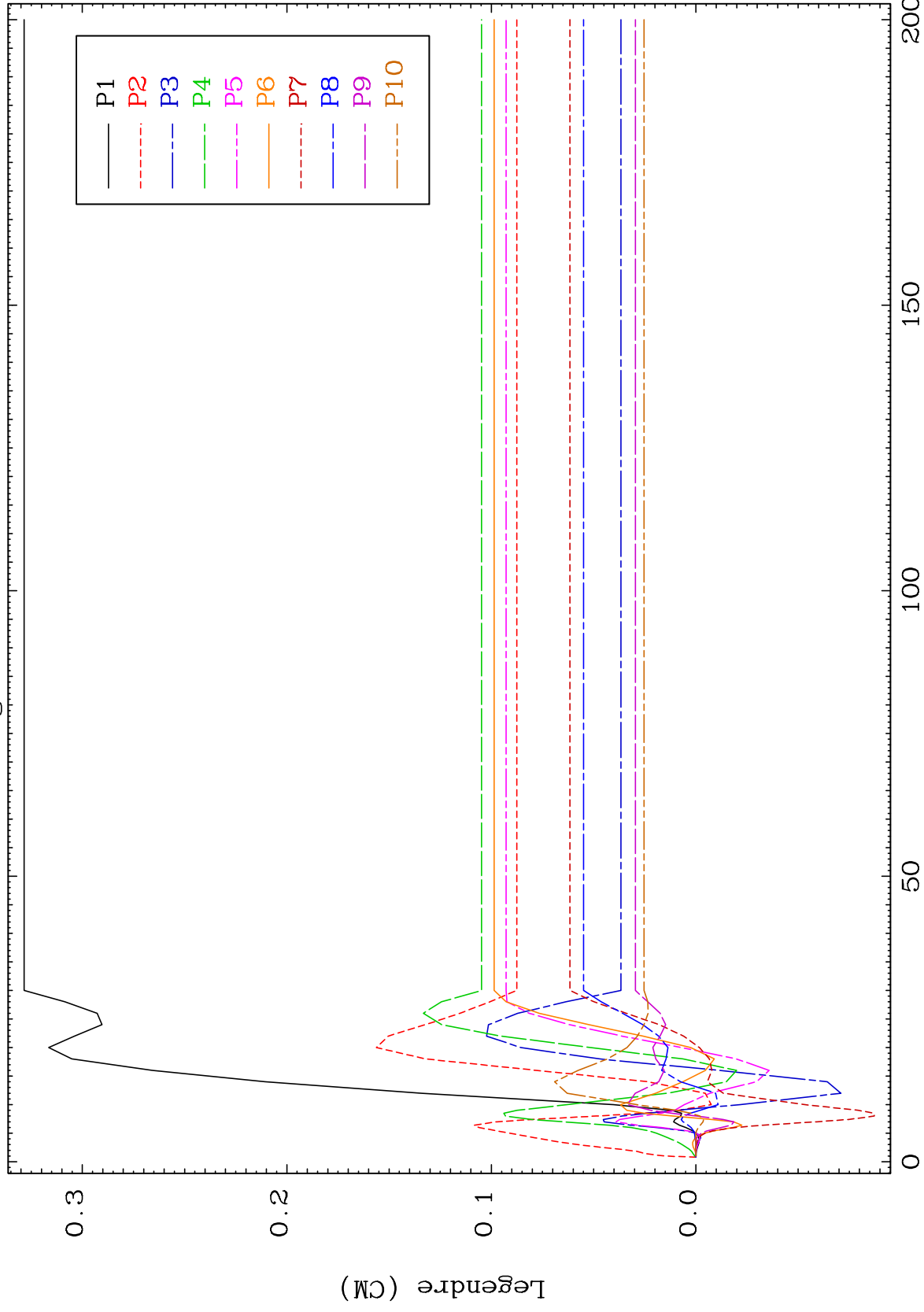
79-Au-199



MAT 7931

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

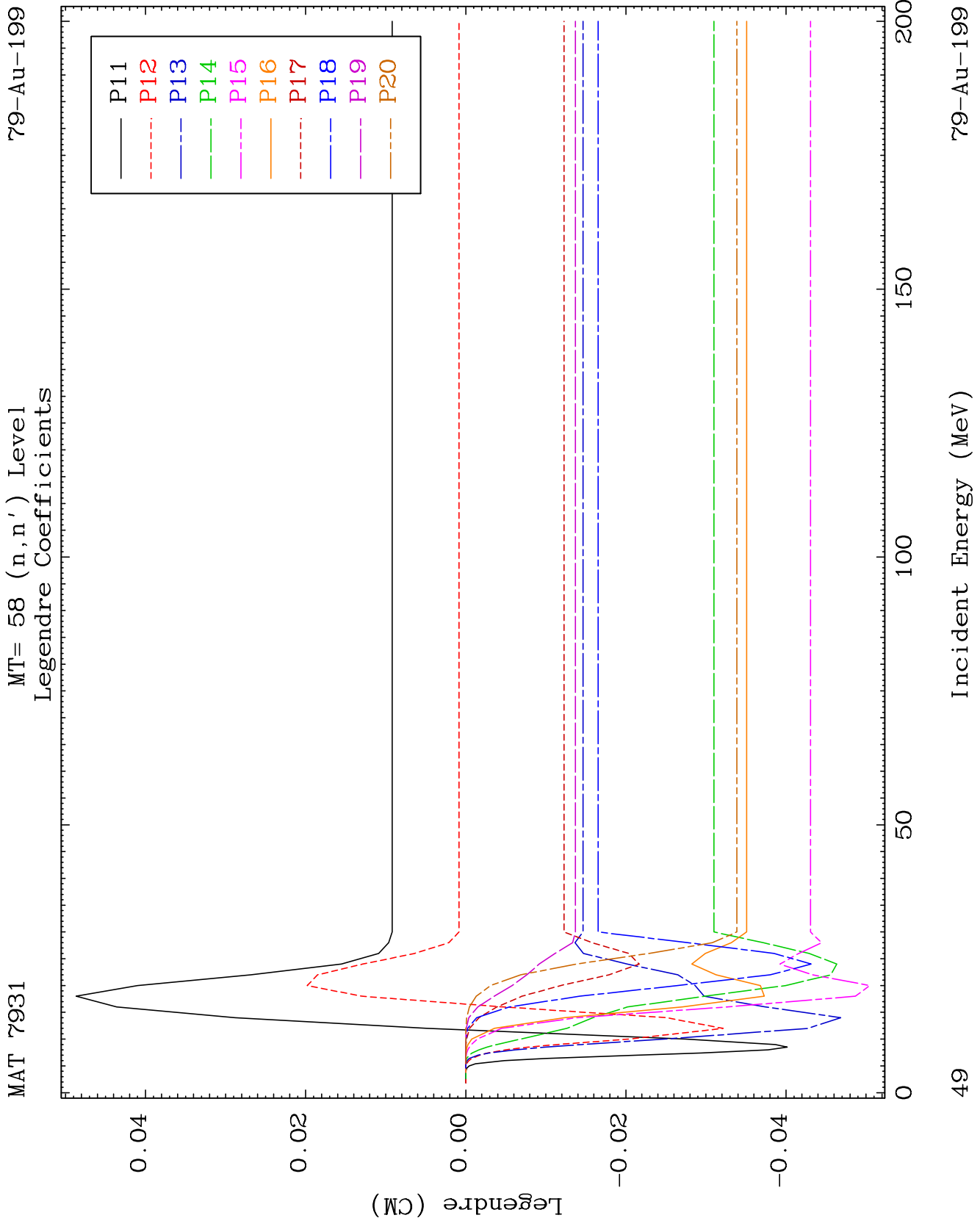
79-Au-199



79-Au-199

Incident Energy (MeV)

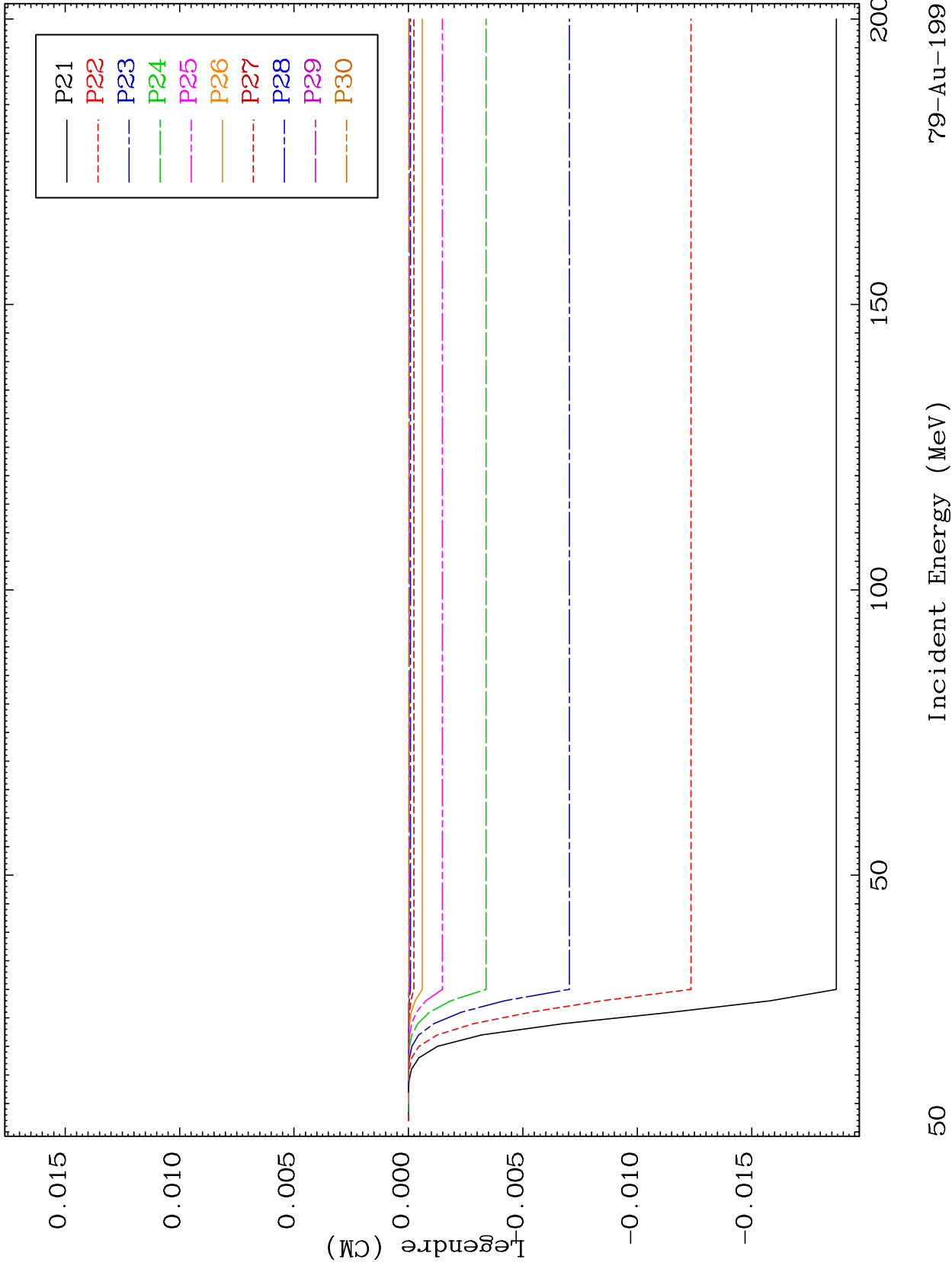
48



MAT 7931

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

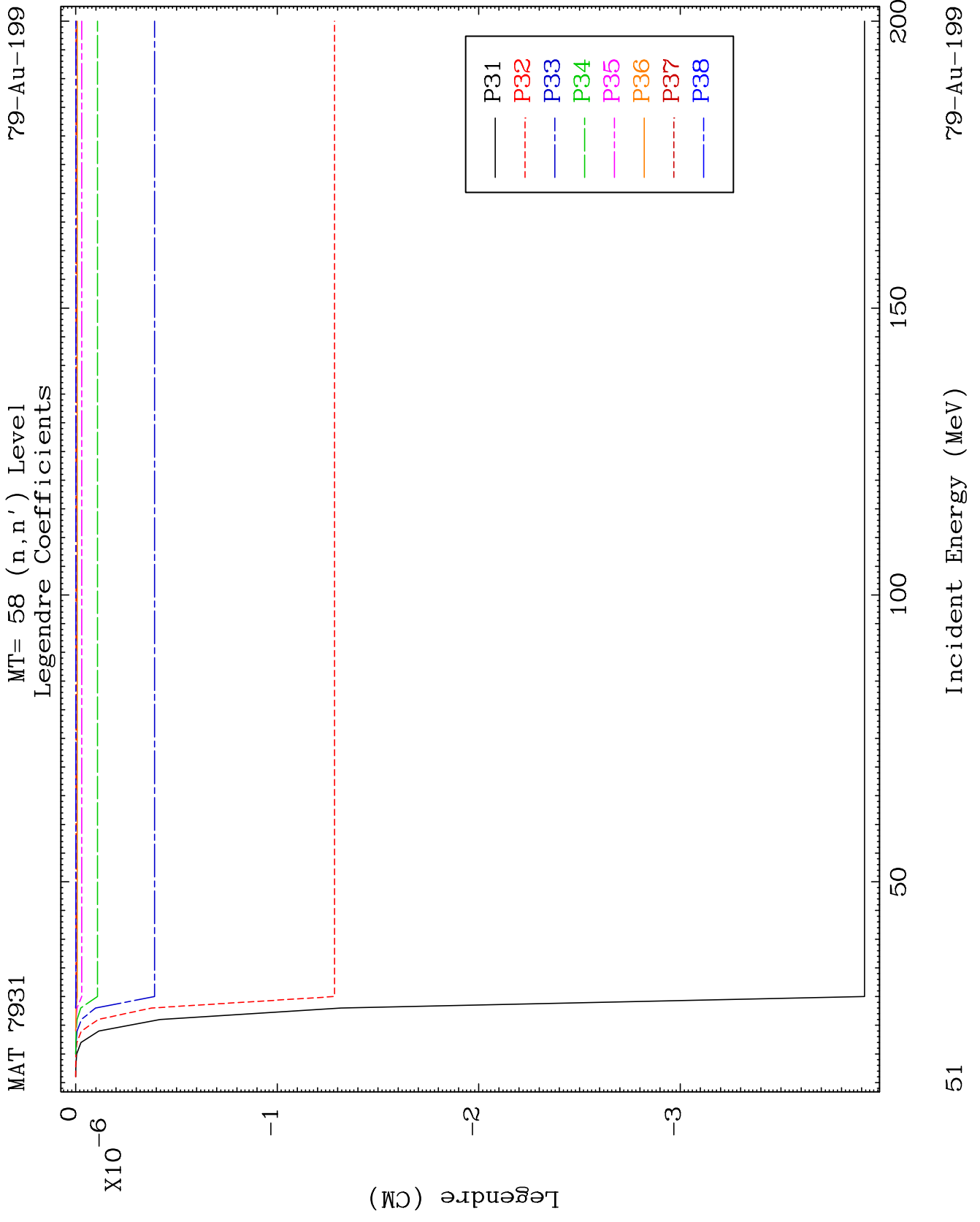
79-Au-199



79-Au-199

Incident Energy (MeV)

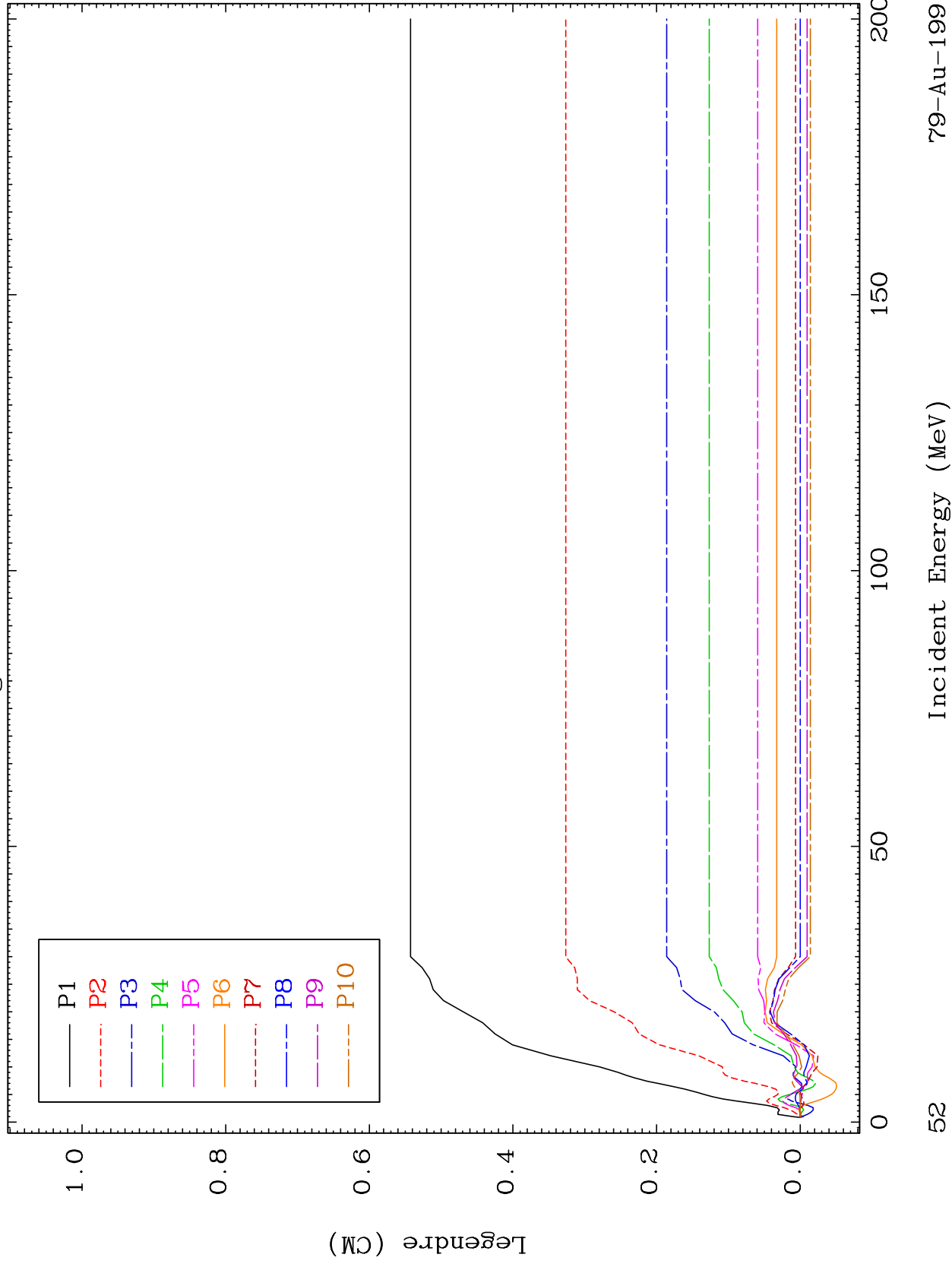
50



MAT 7931

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

79-Au-199



79-Au-199

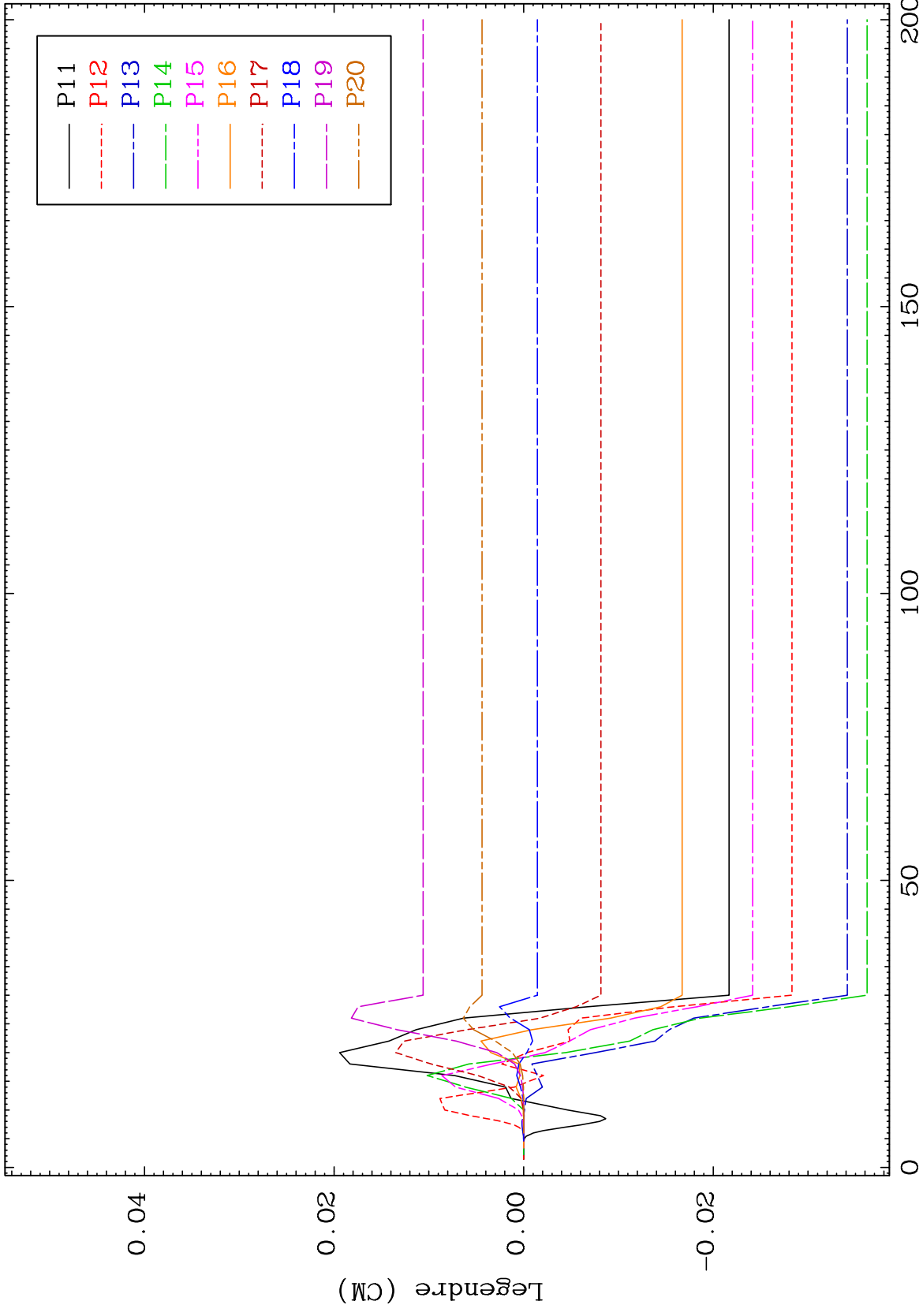
Incident Energy (MeV)

52

MAT 7931

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

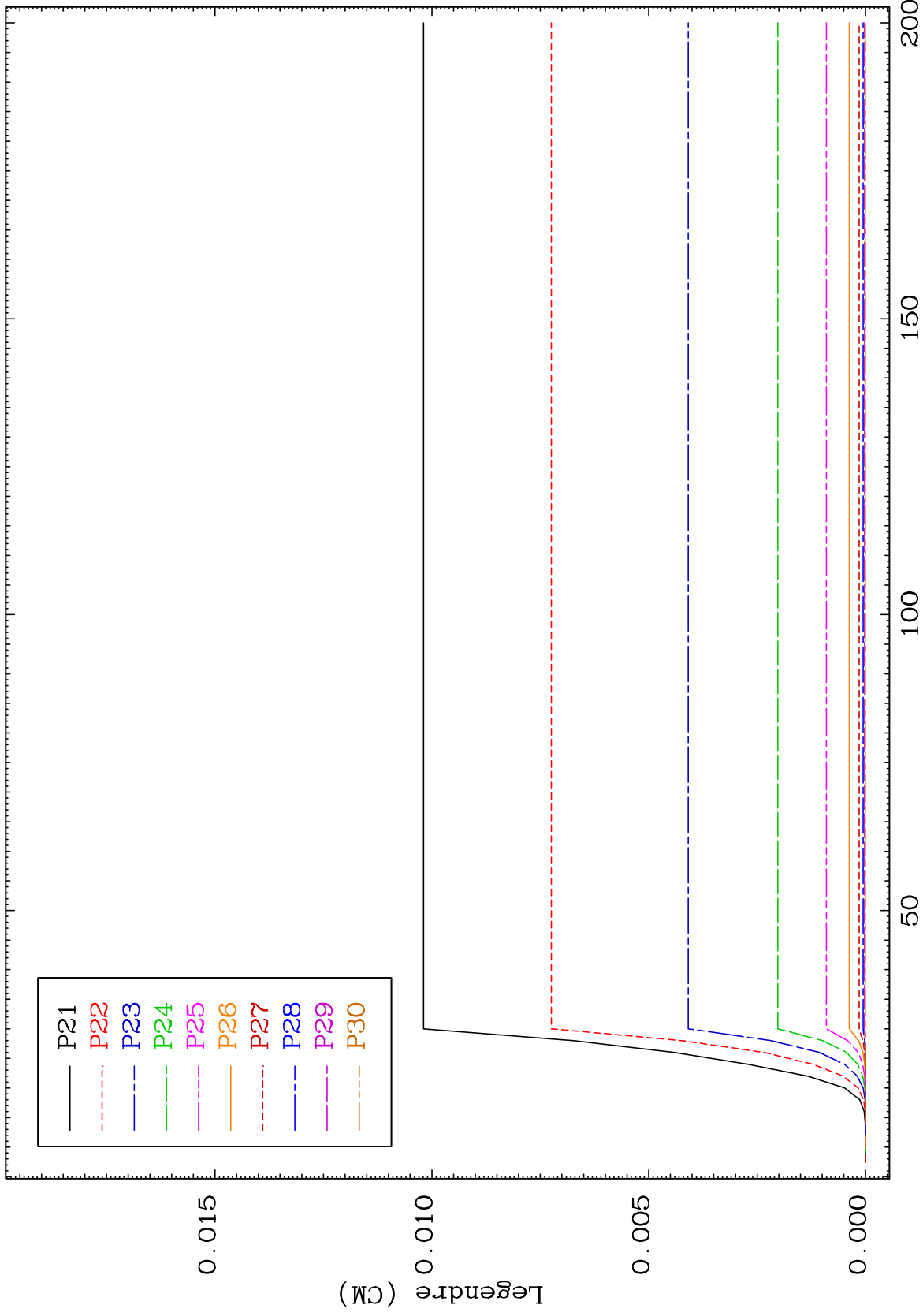
79-Au-199



53

Incident Energy (MeV)

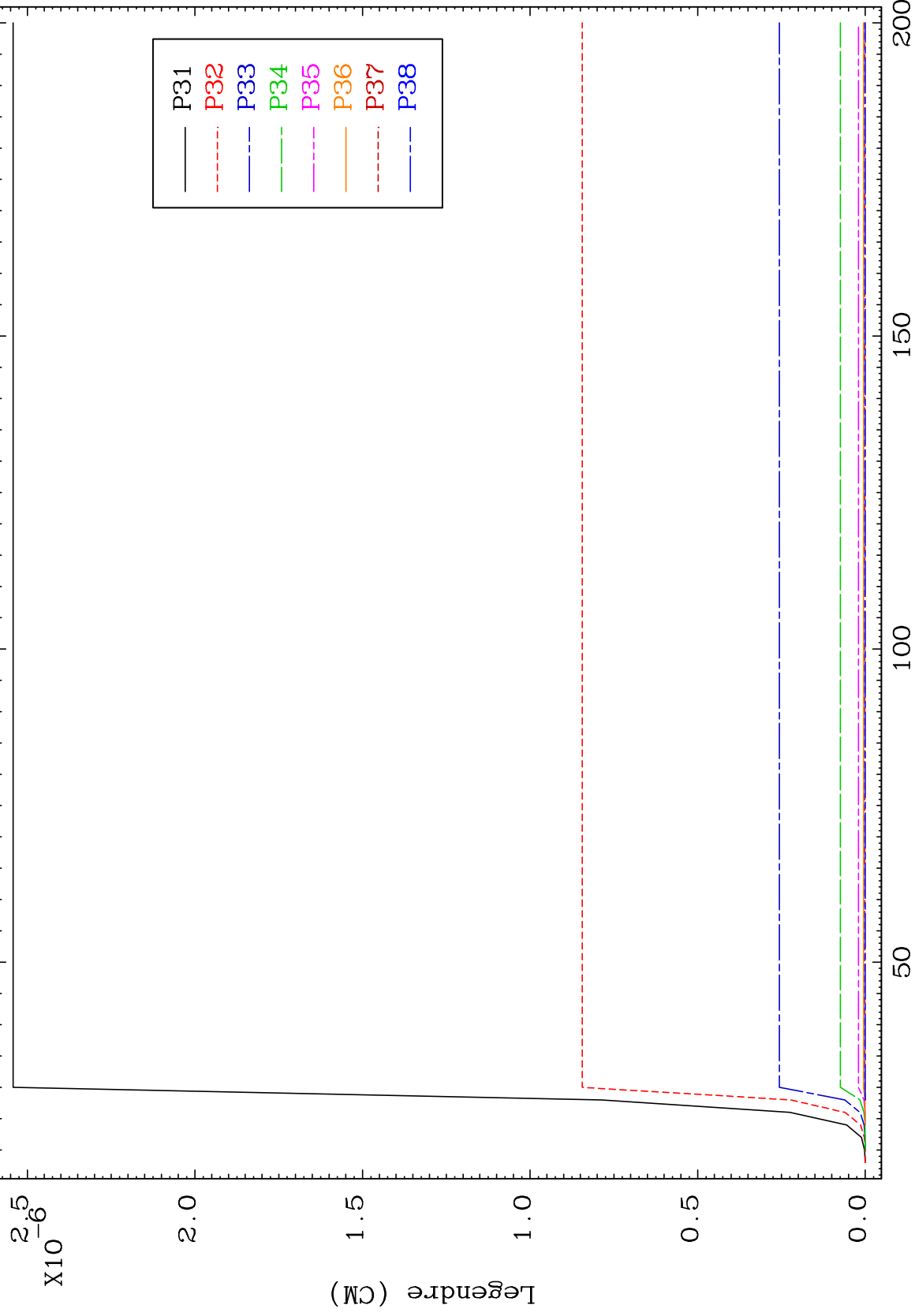
79-Au-199



MAT 7931

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

79-Au-199



55

Incident Energy (MeV)

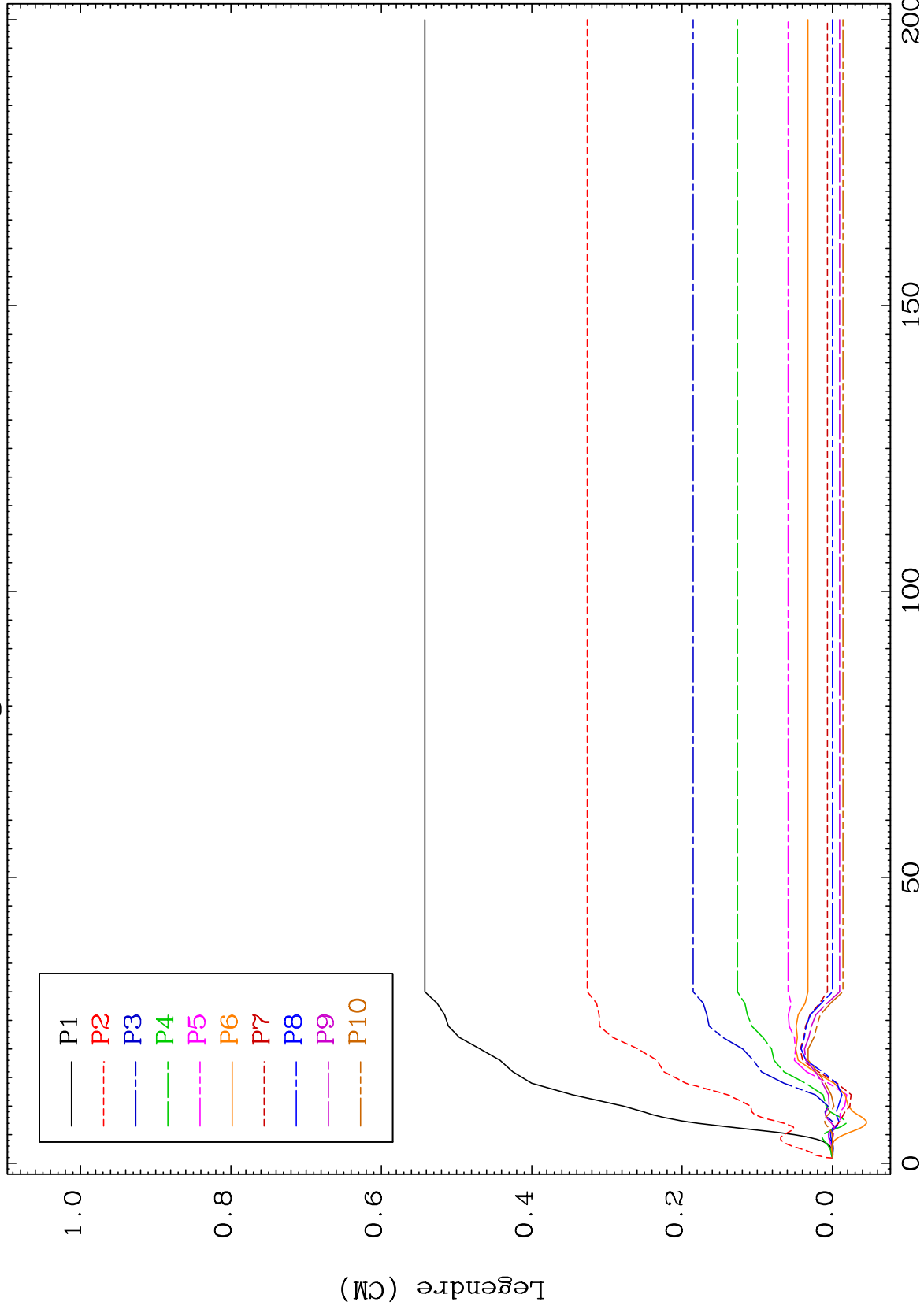
79-Au-199



MAT 7931

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

79-Au-199



56

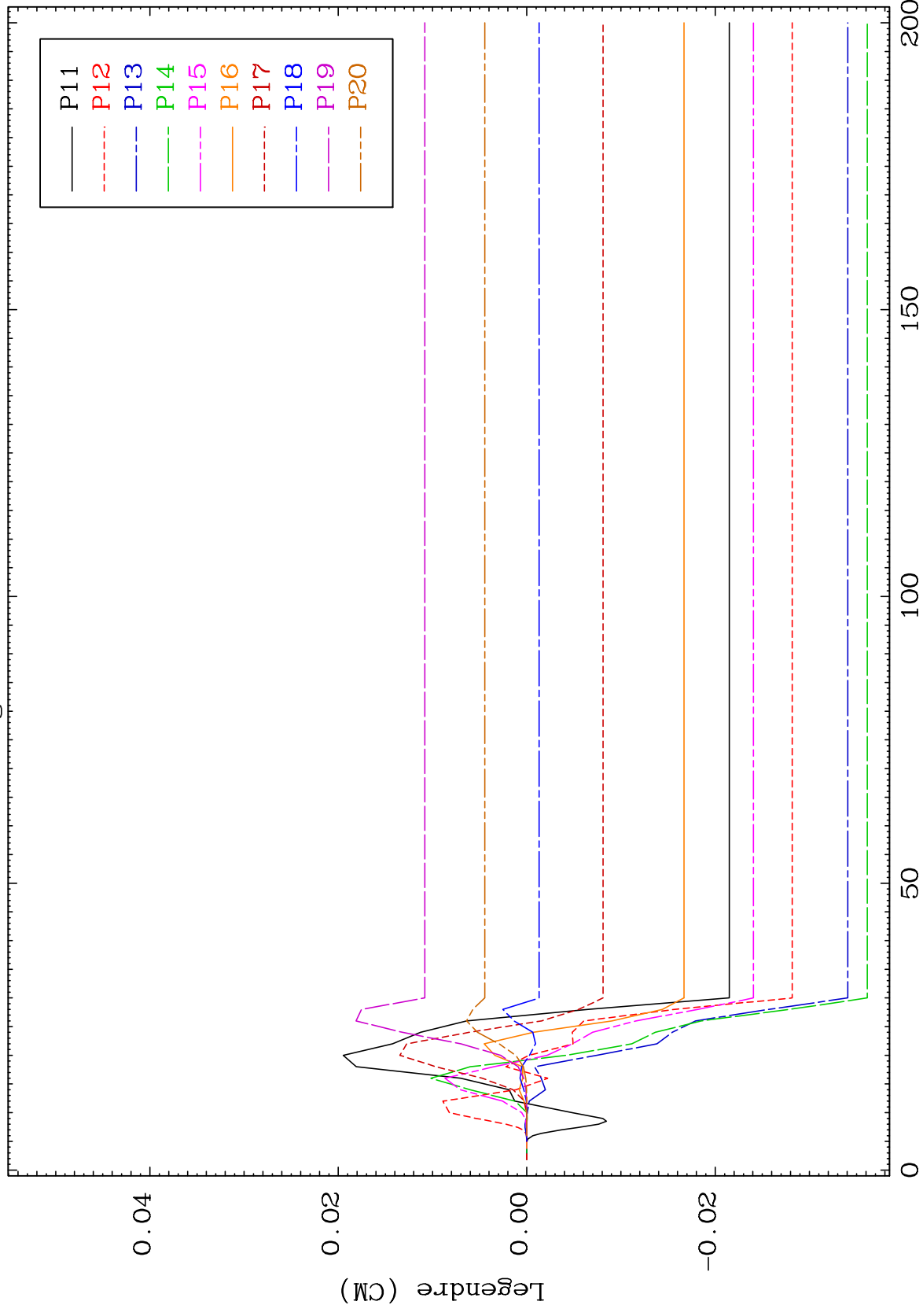
Incident Energy (MeV)

79-Au-199

MAT 7931

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

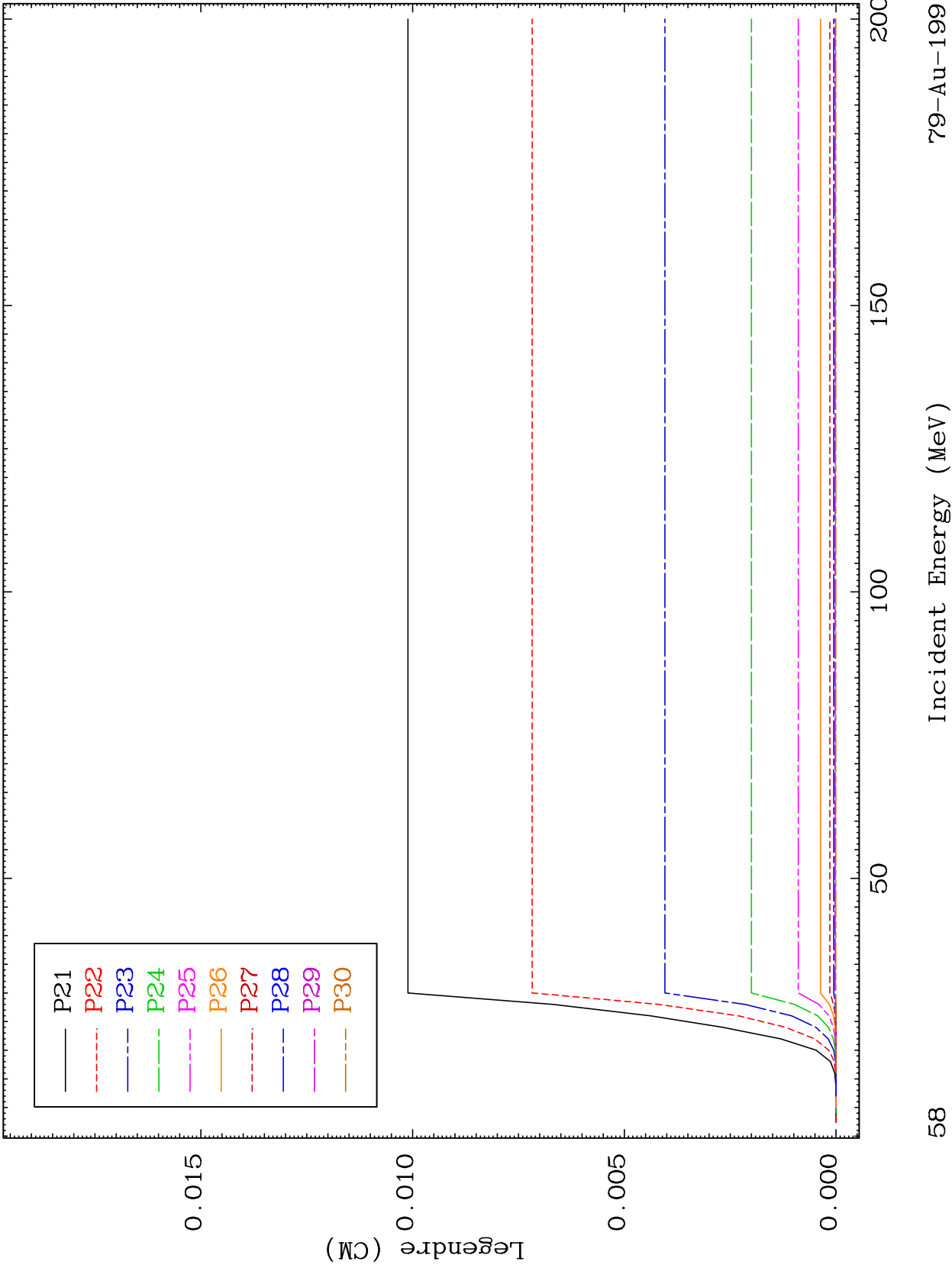
79-Au-199



57

Incident Energy (MeV)

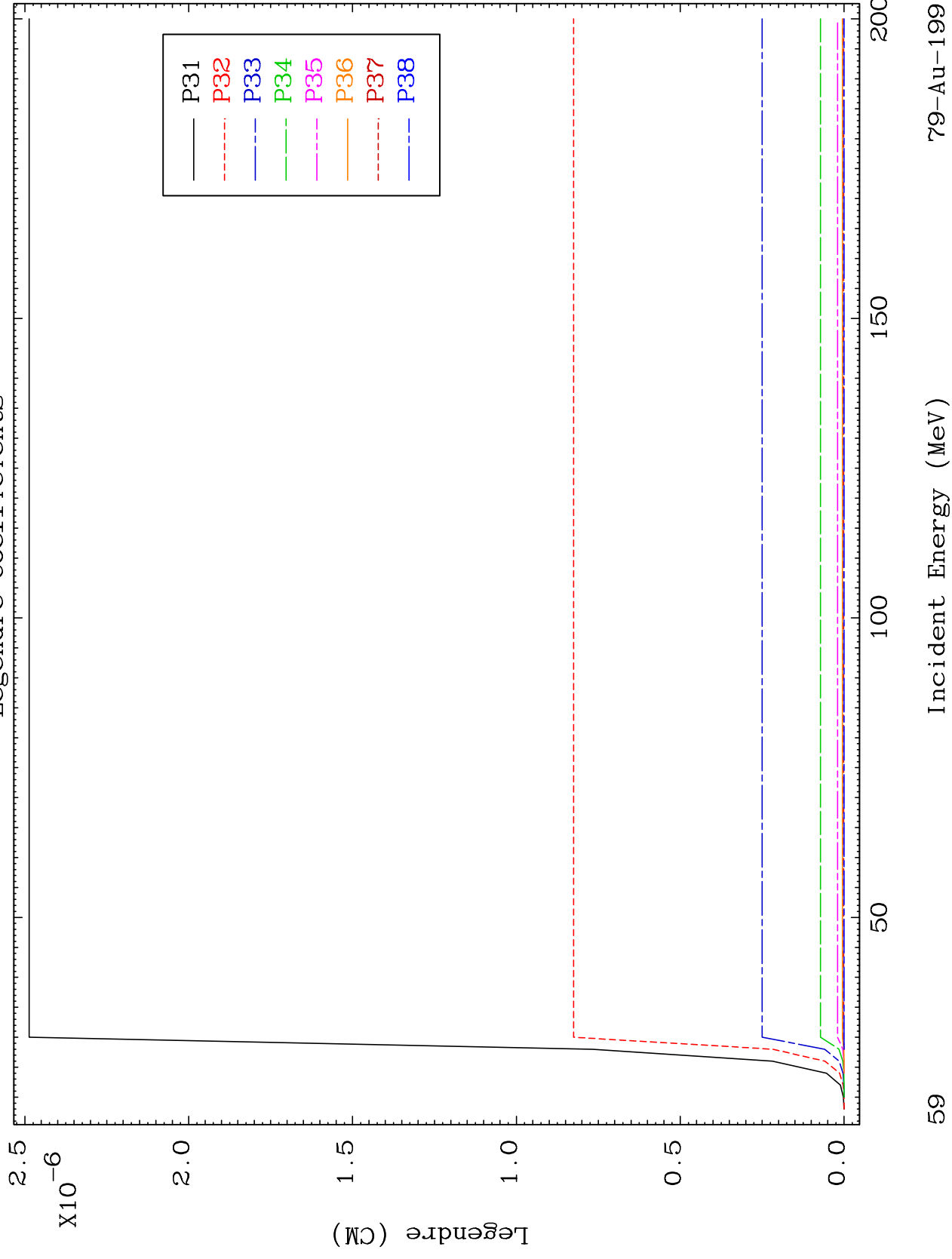
79-Au-199



MAT 7931

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

79-Au-199



79-Au-199

Incident Energy (MeV)

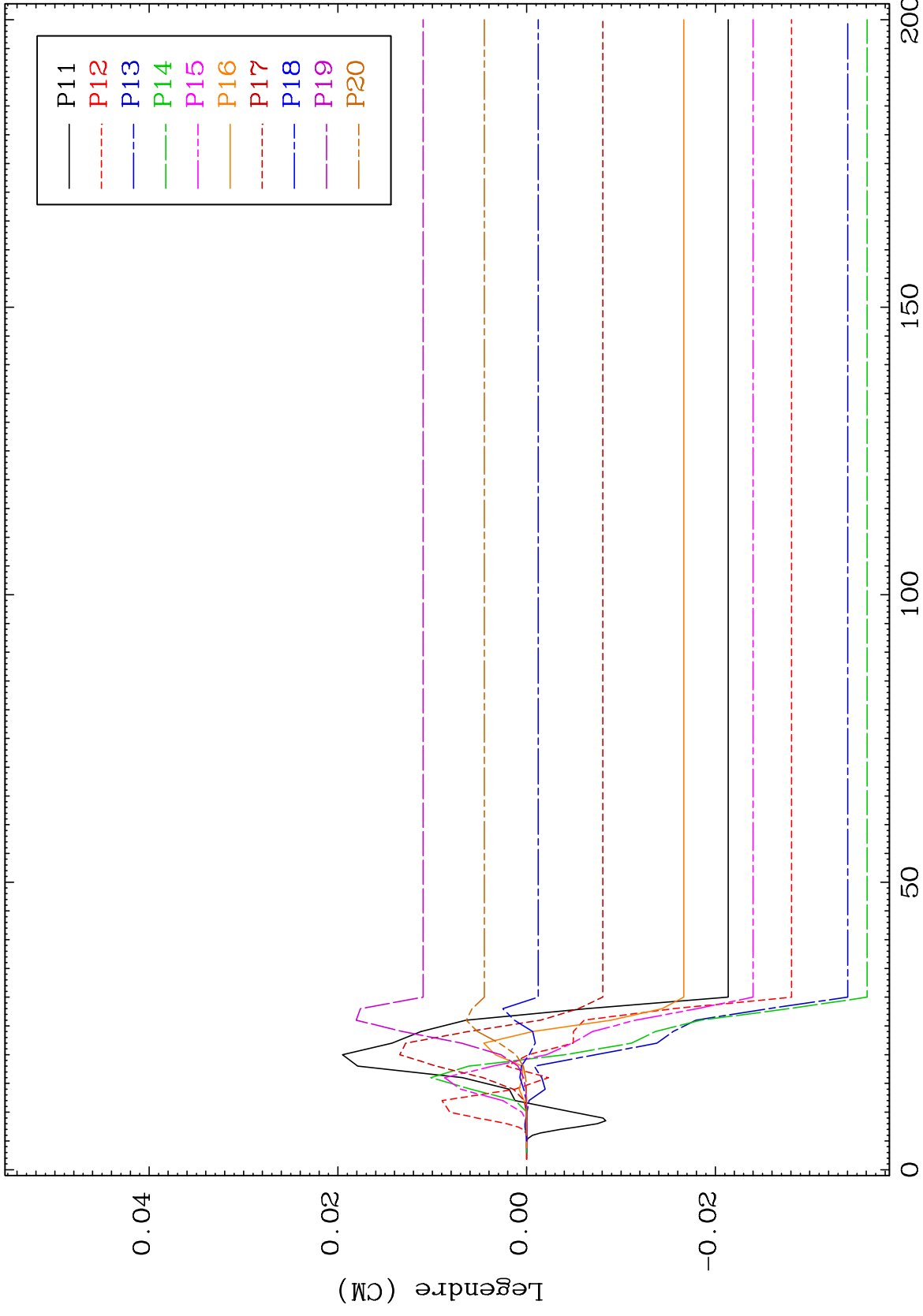
59



MAT 7931

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

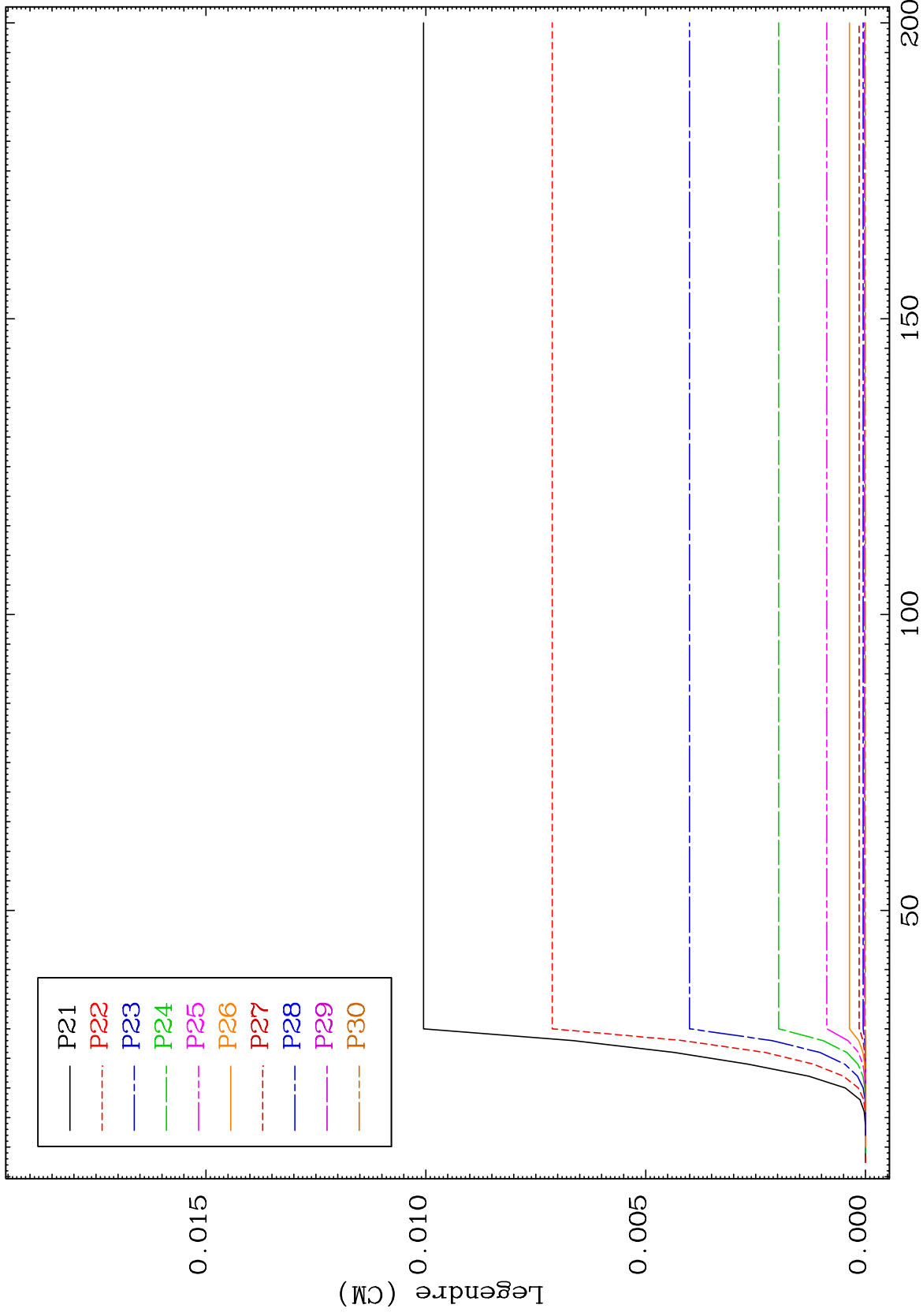
79-Au-199



61

Incident Energy (MeV)

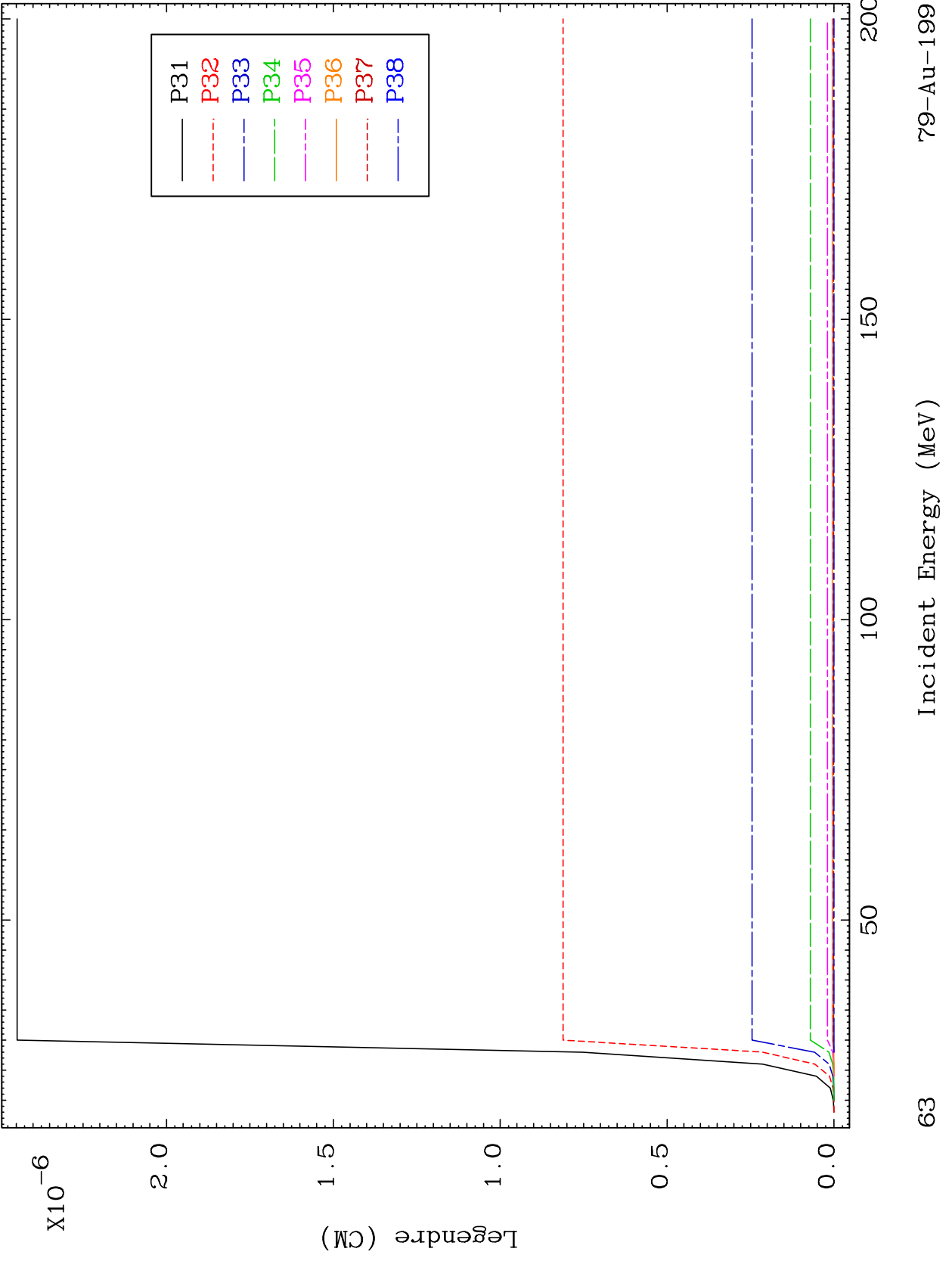
79-Au-199



MAT 7931

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

79-Au-199

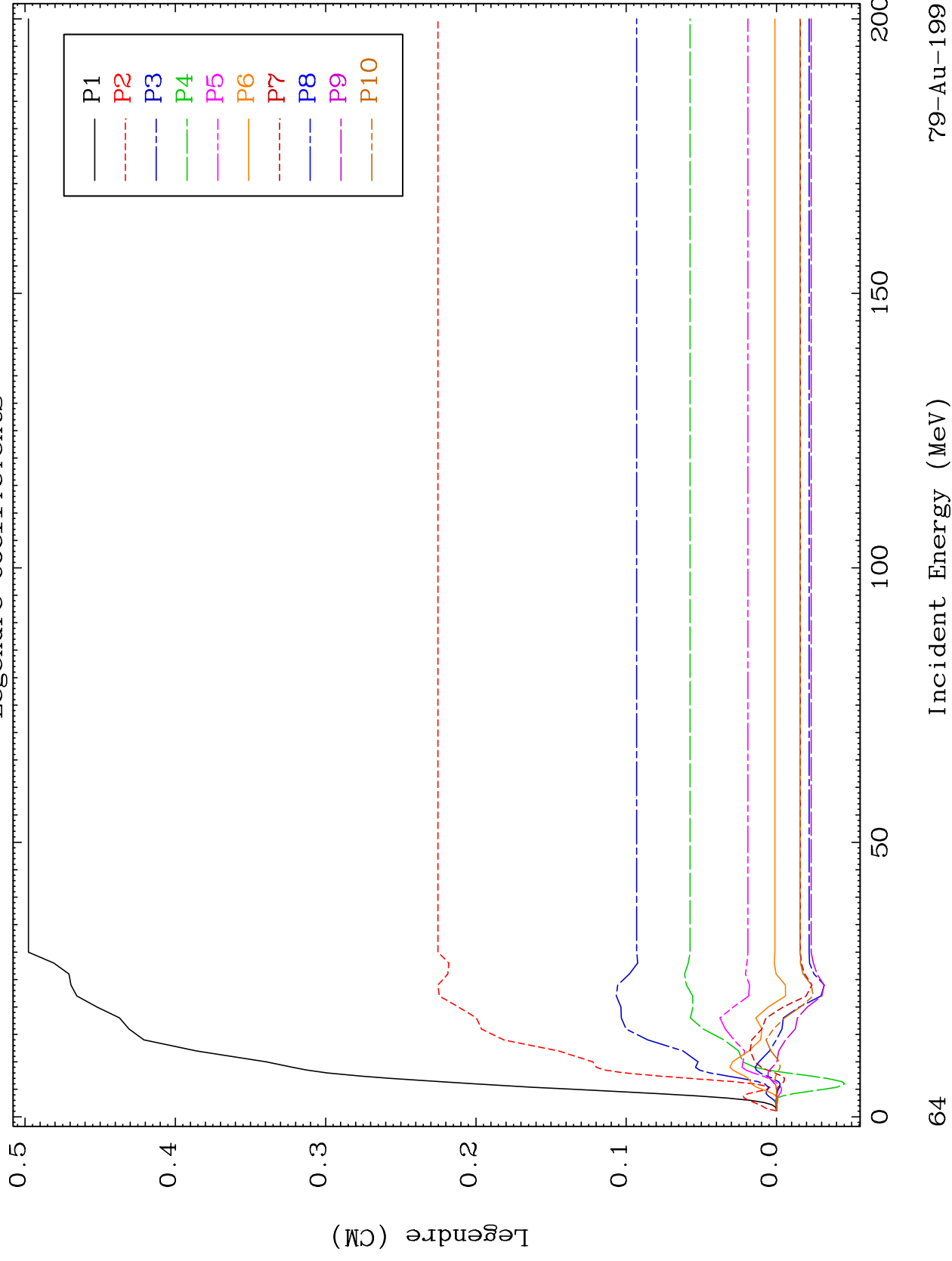




MAT 7931

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

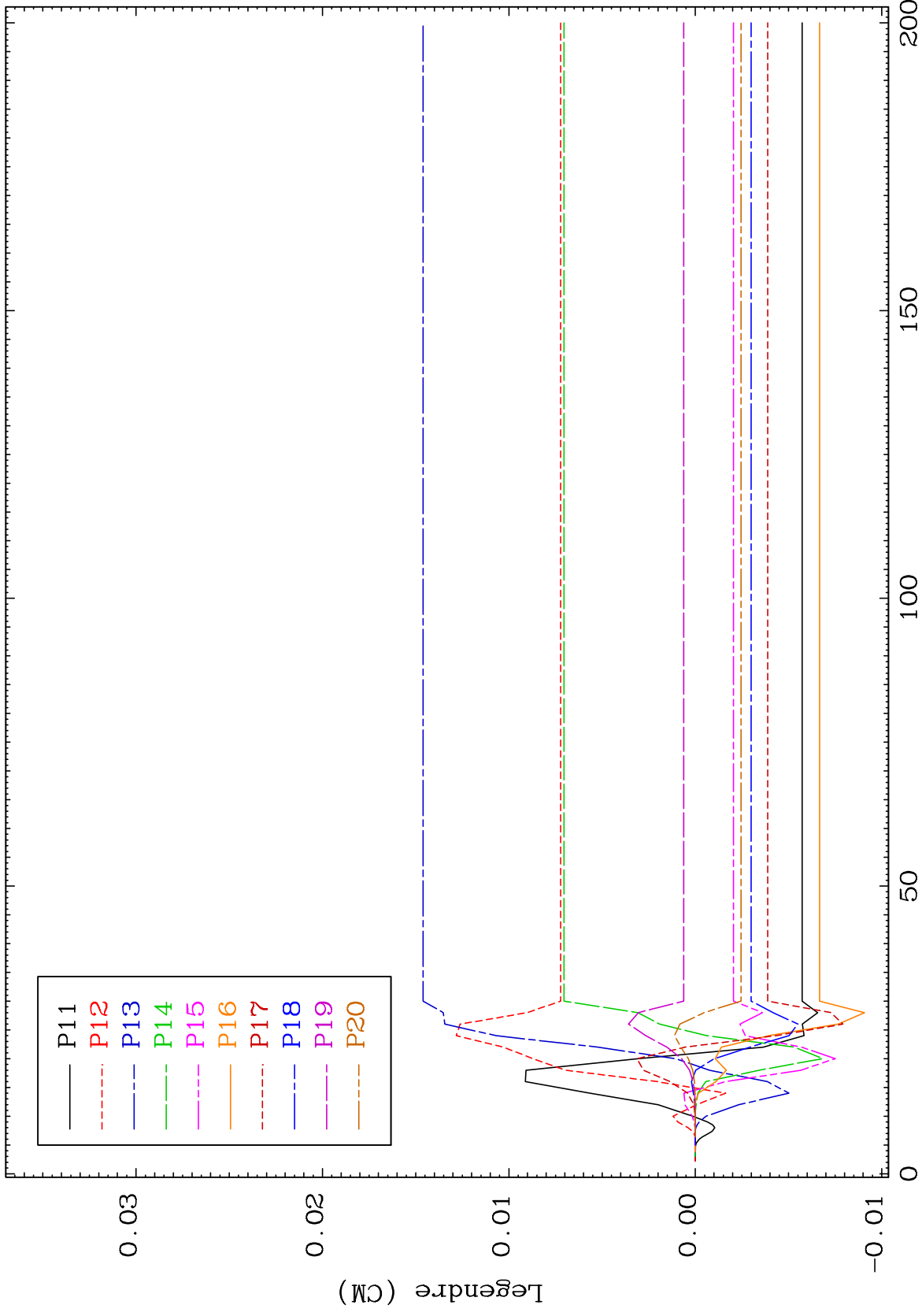
79-Au-199



MAT 7931

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

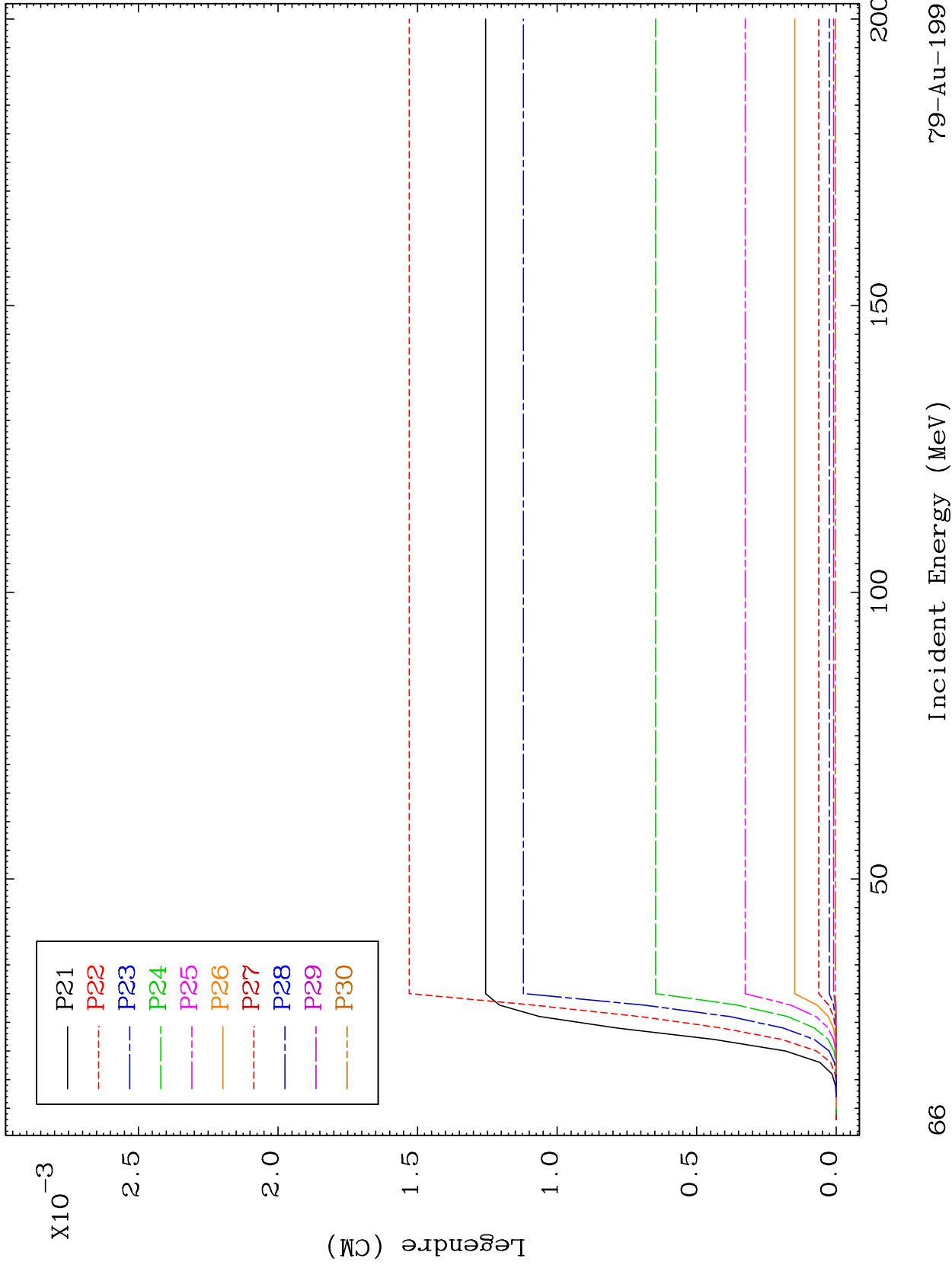
79-Au-199



65

Incident Energy (MeV)

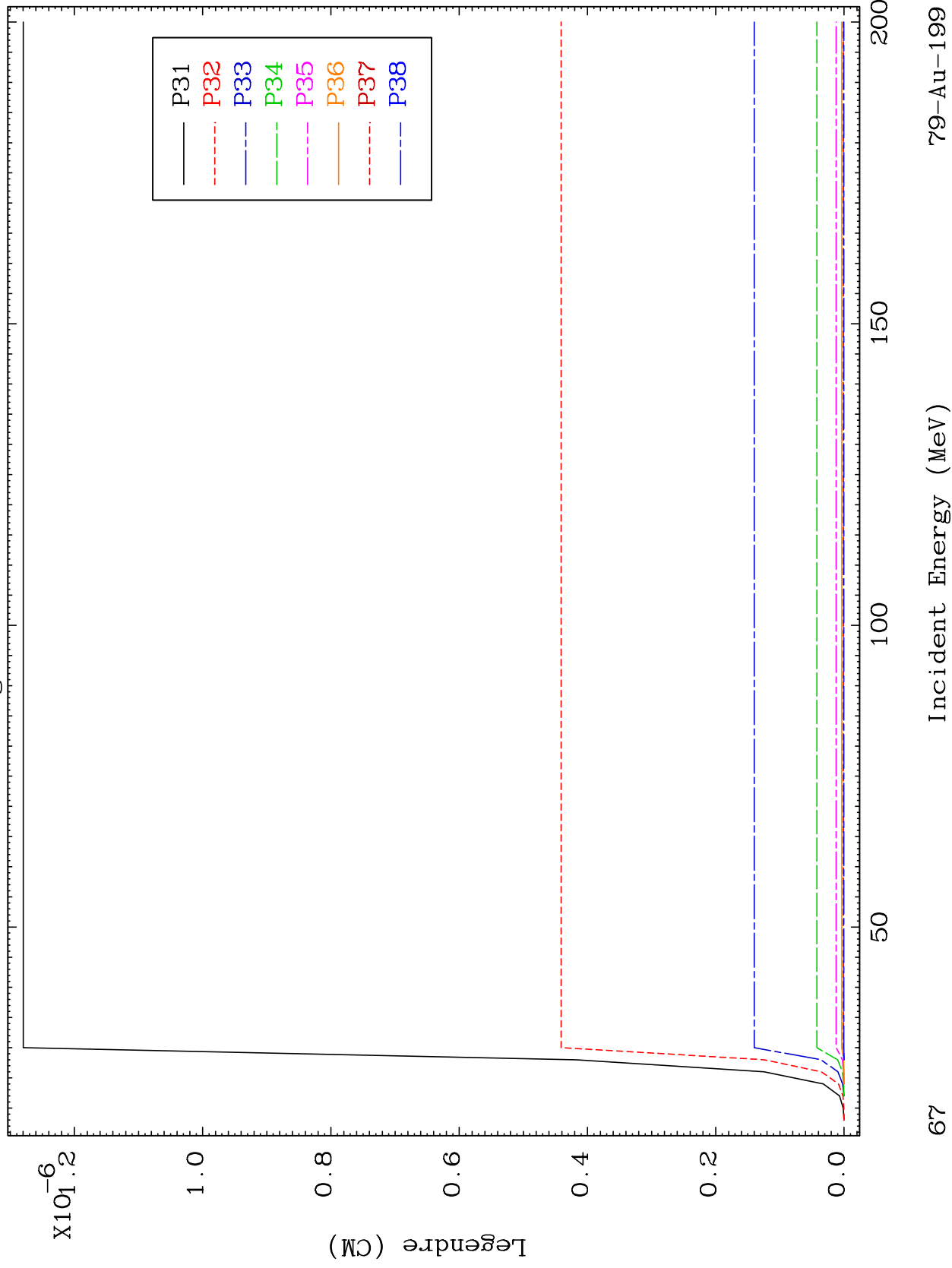
79-Au-199



MAT 7931

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

79-Au-199



67

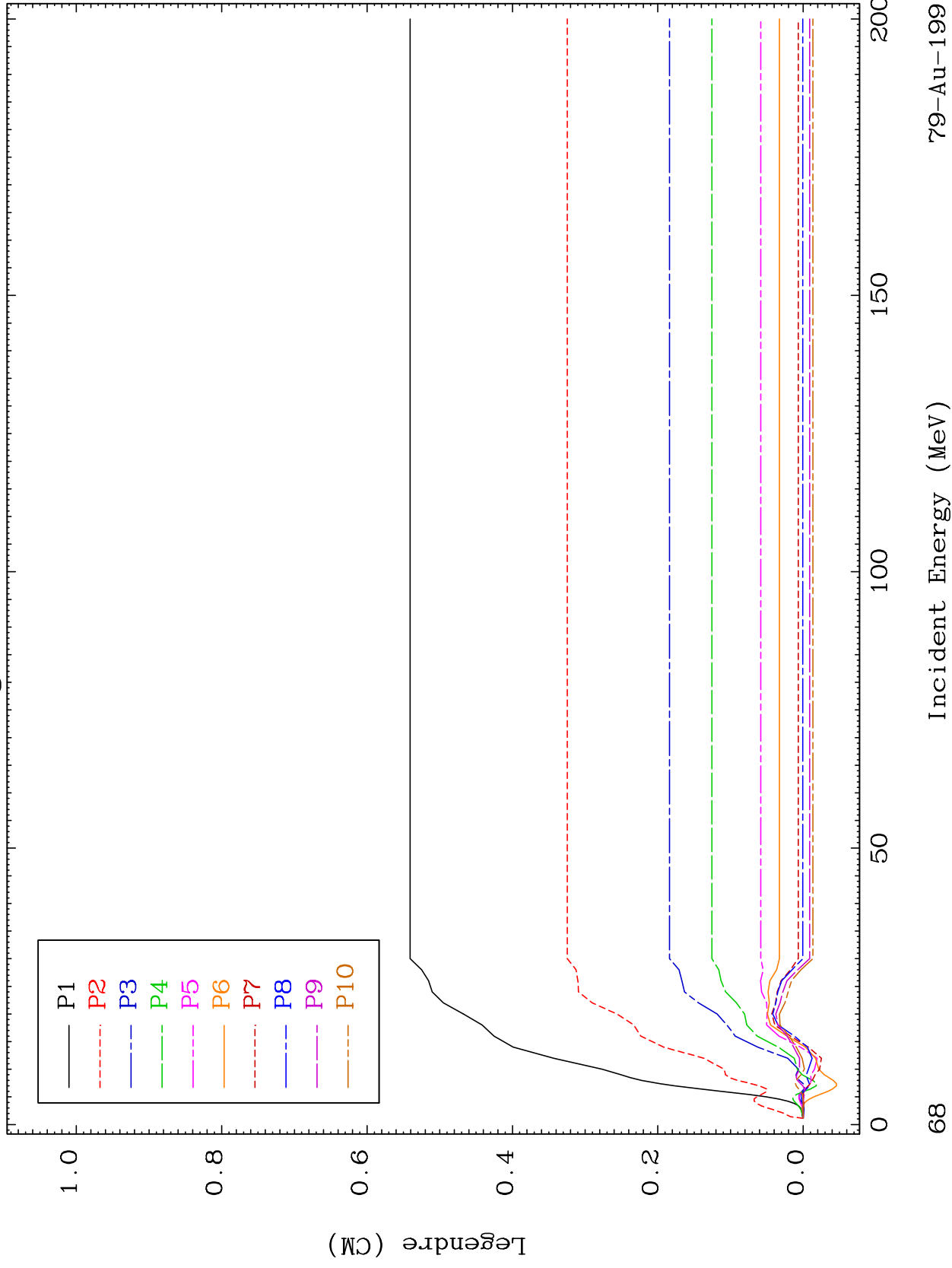
Incident Energy (MeV)

79-Au-199

MAT 7931

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

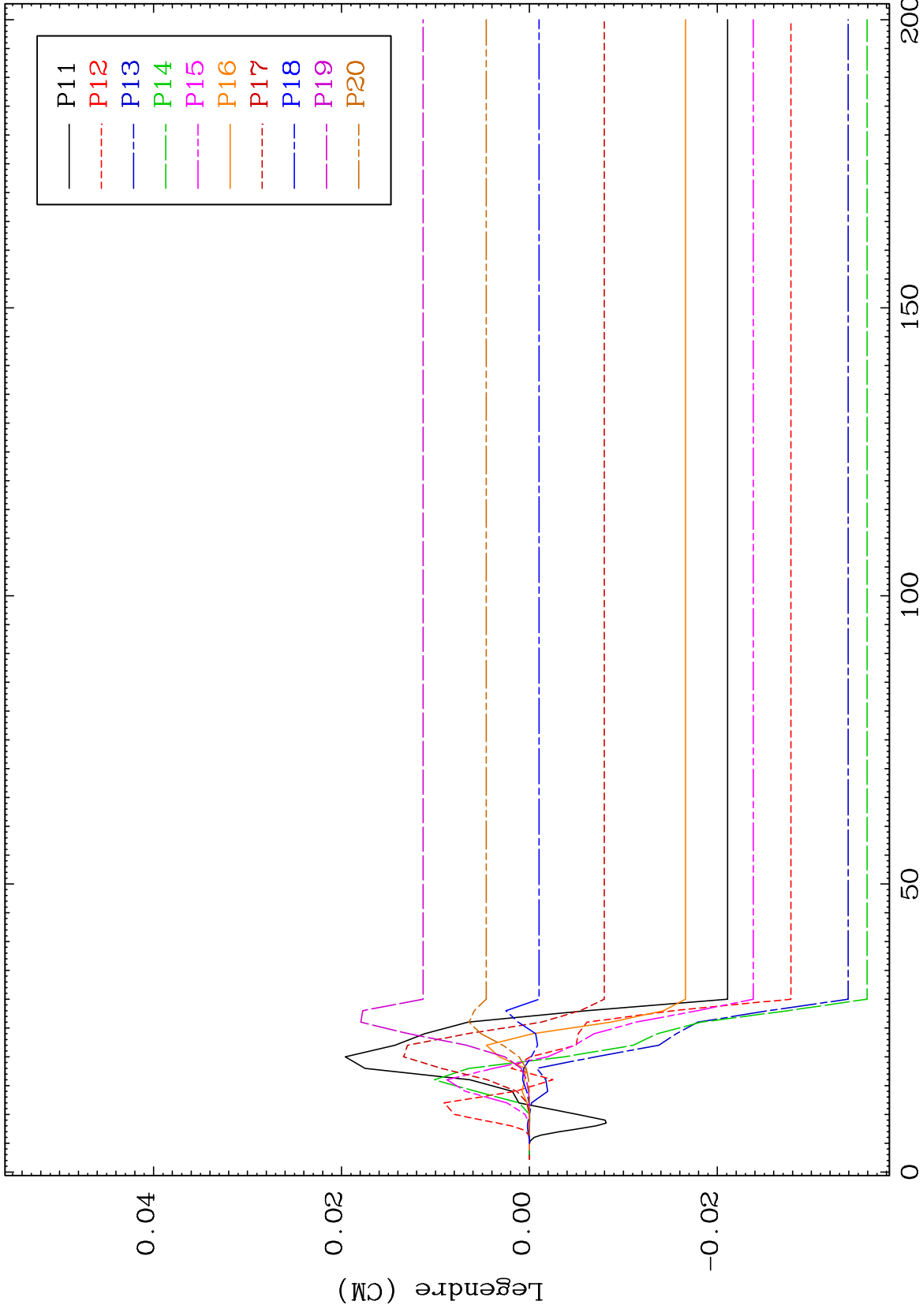
79-Au-199



MAT 7931

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

79-Au-199



69

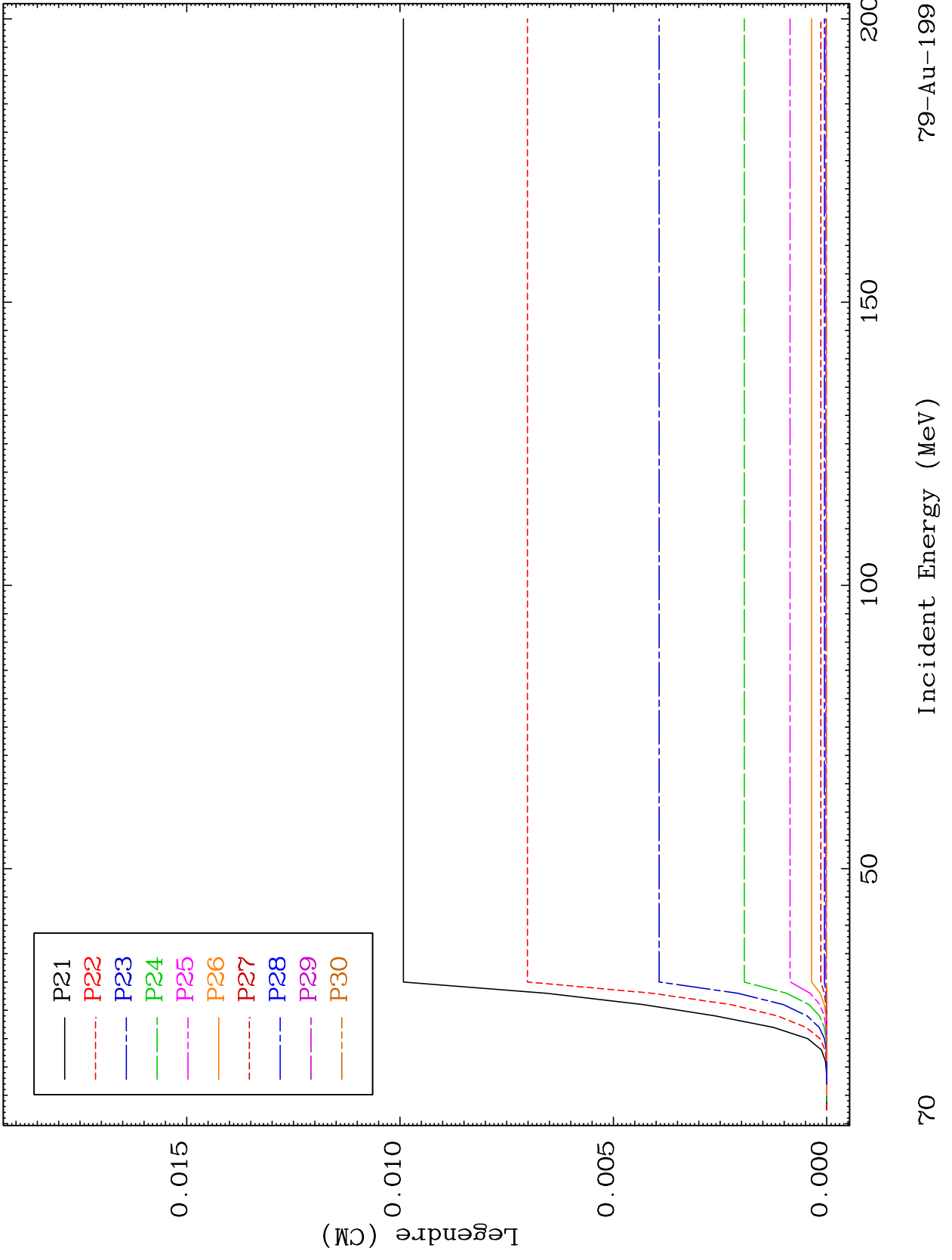
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



70

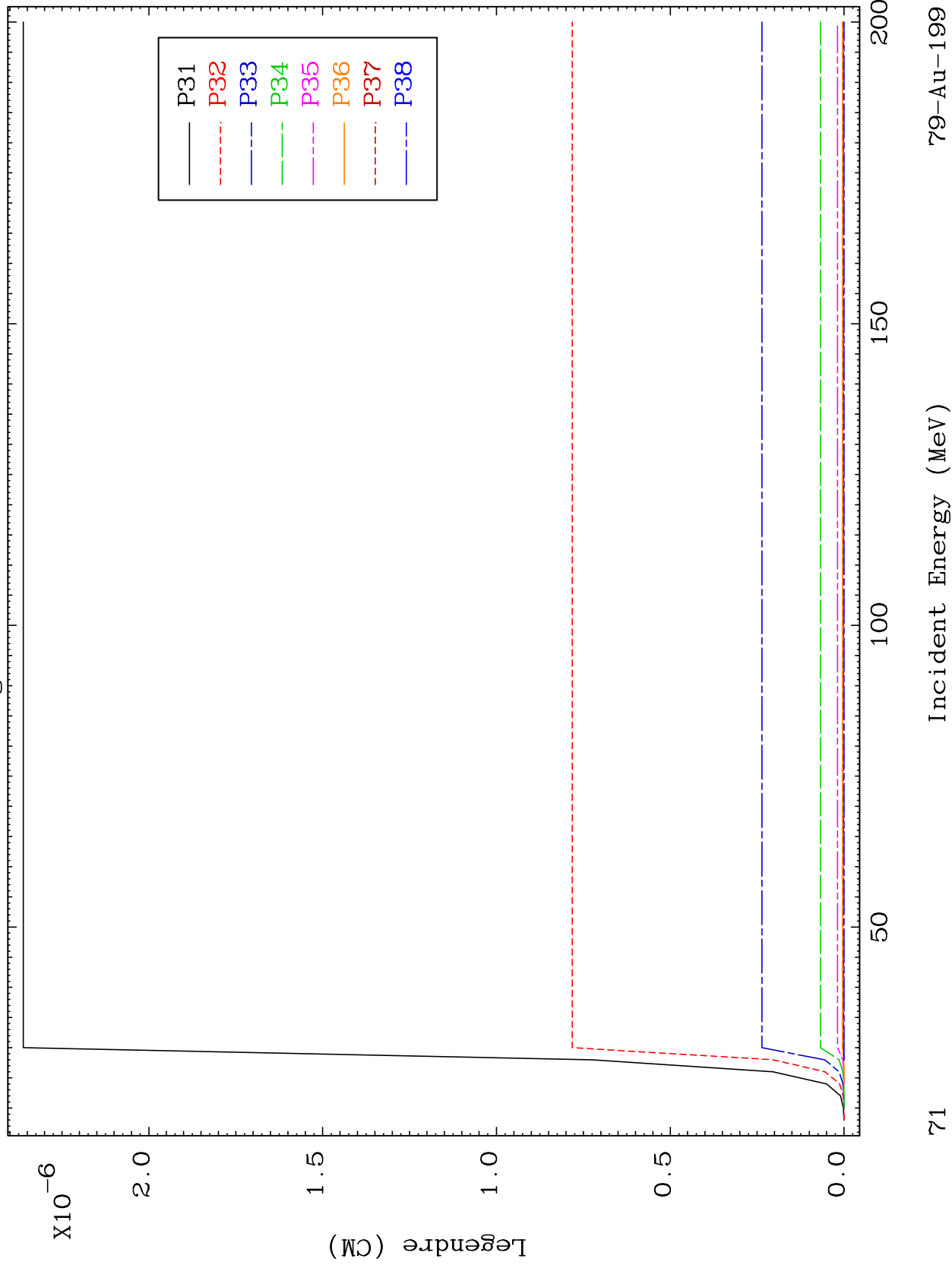
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199

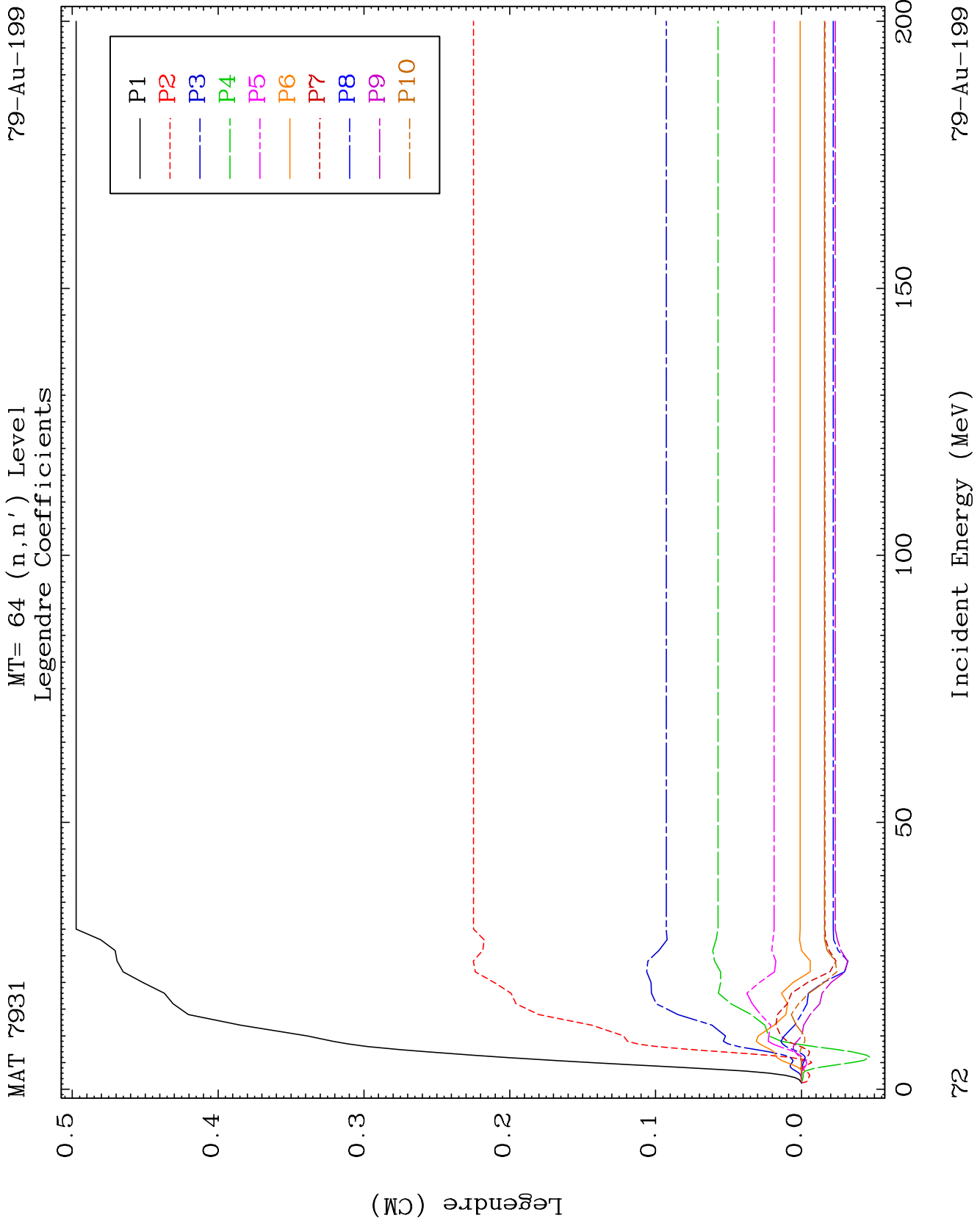


79-Au-199

Incident Energy (MeV)

71

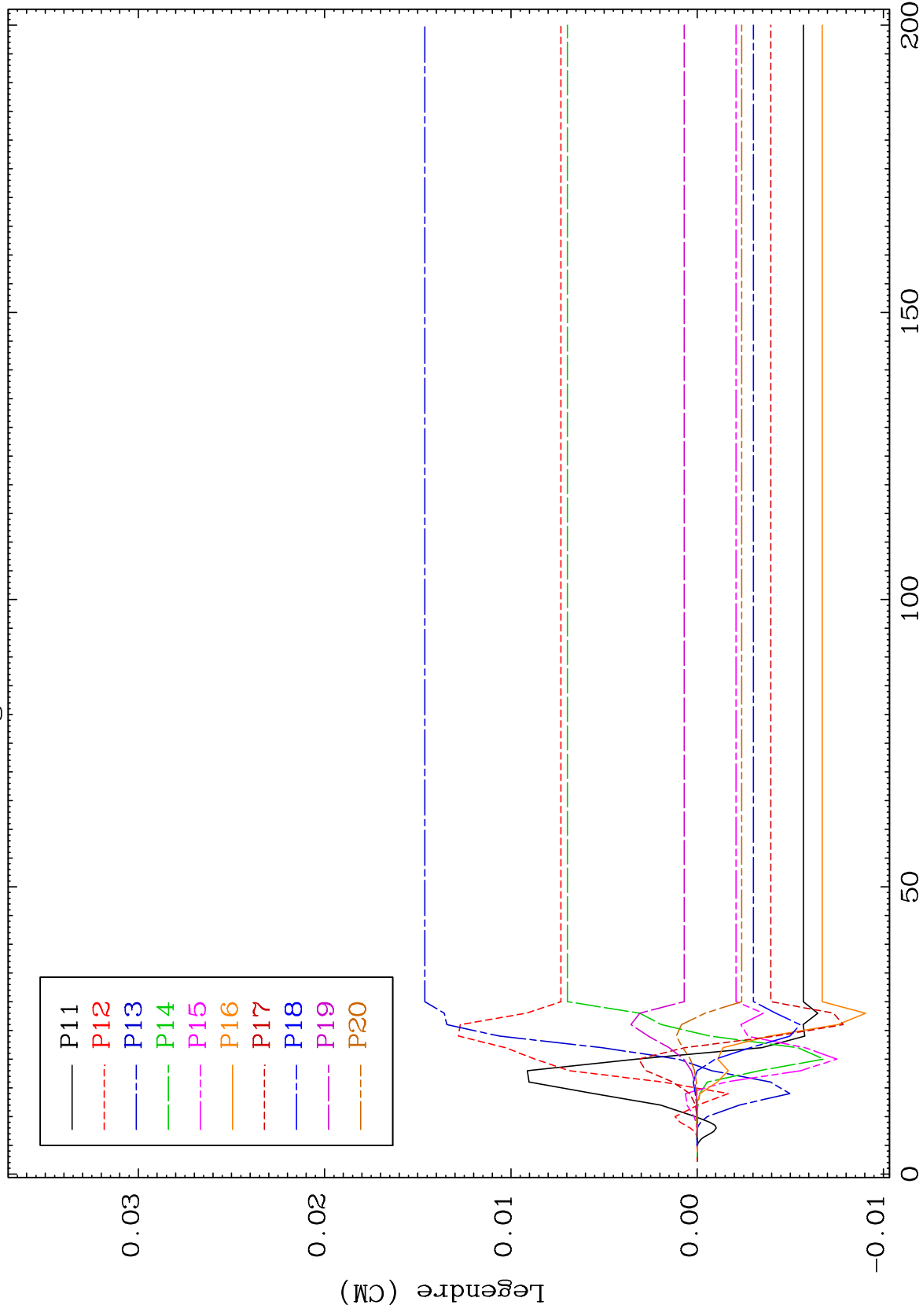




MAT 7931

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

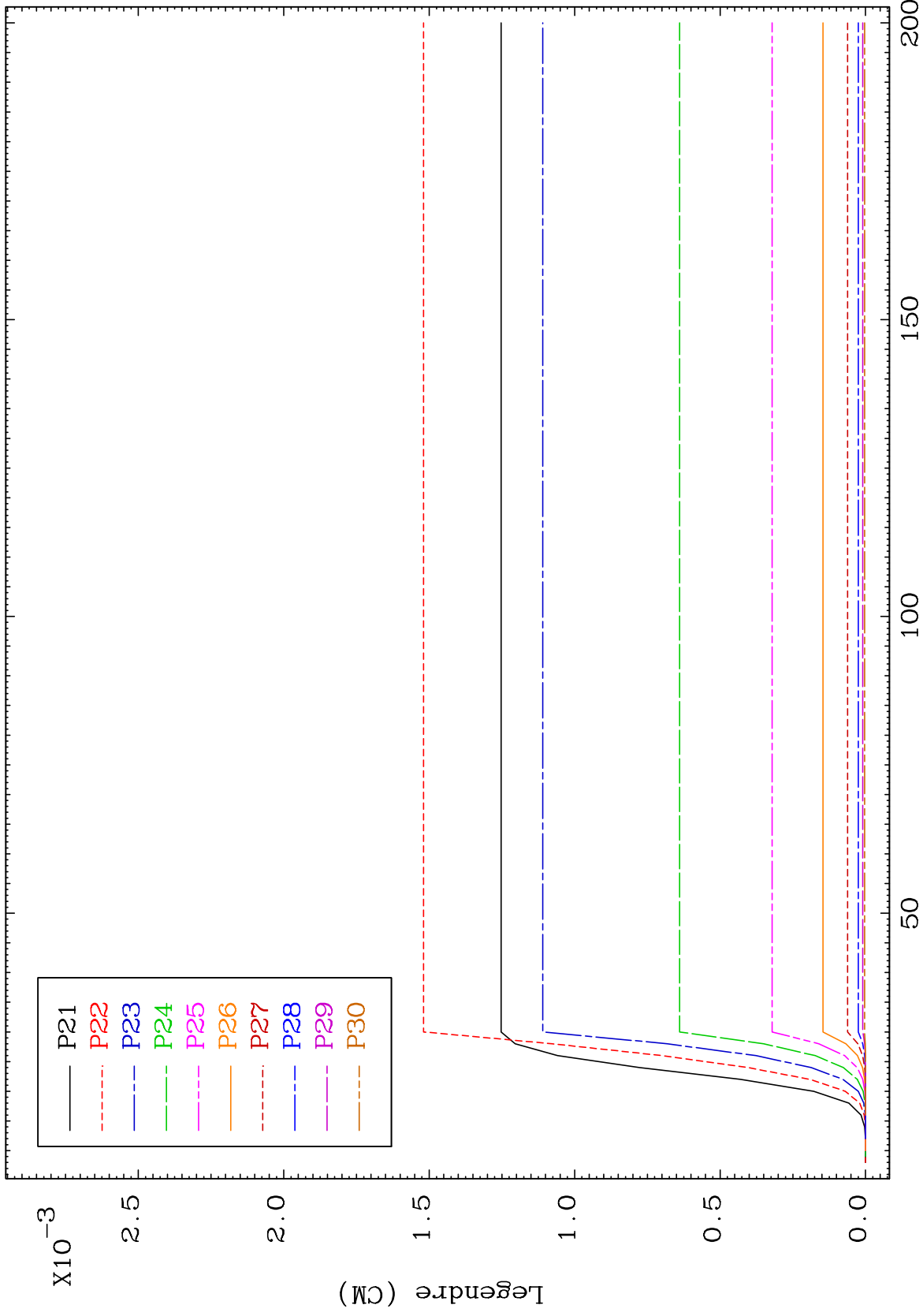
79-Au-199



73

Incident Energy (MeV)

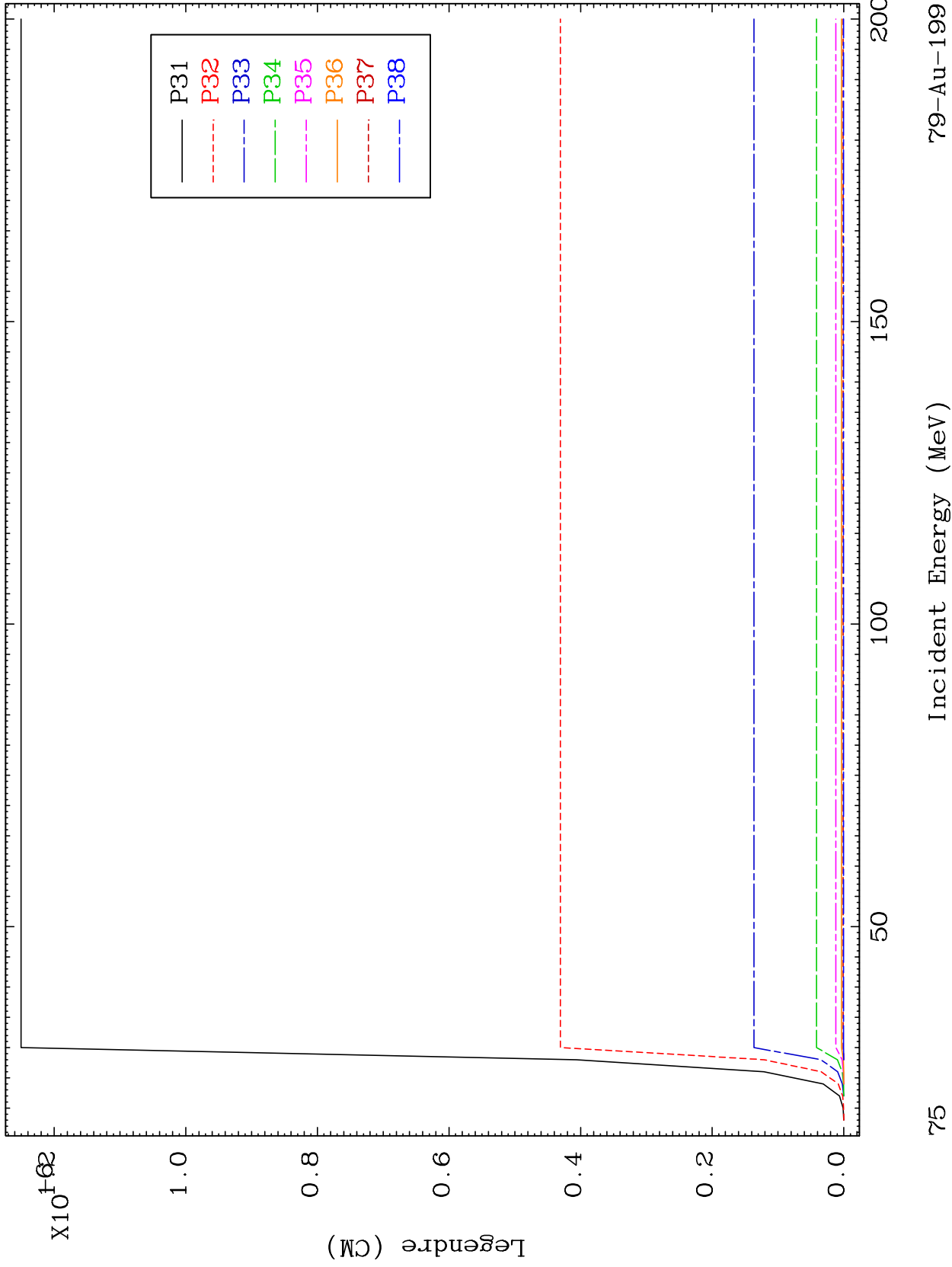
79-Au-199



MAT 7931

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

79-Au-199



75

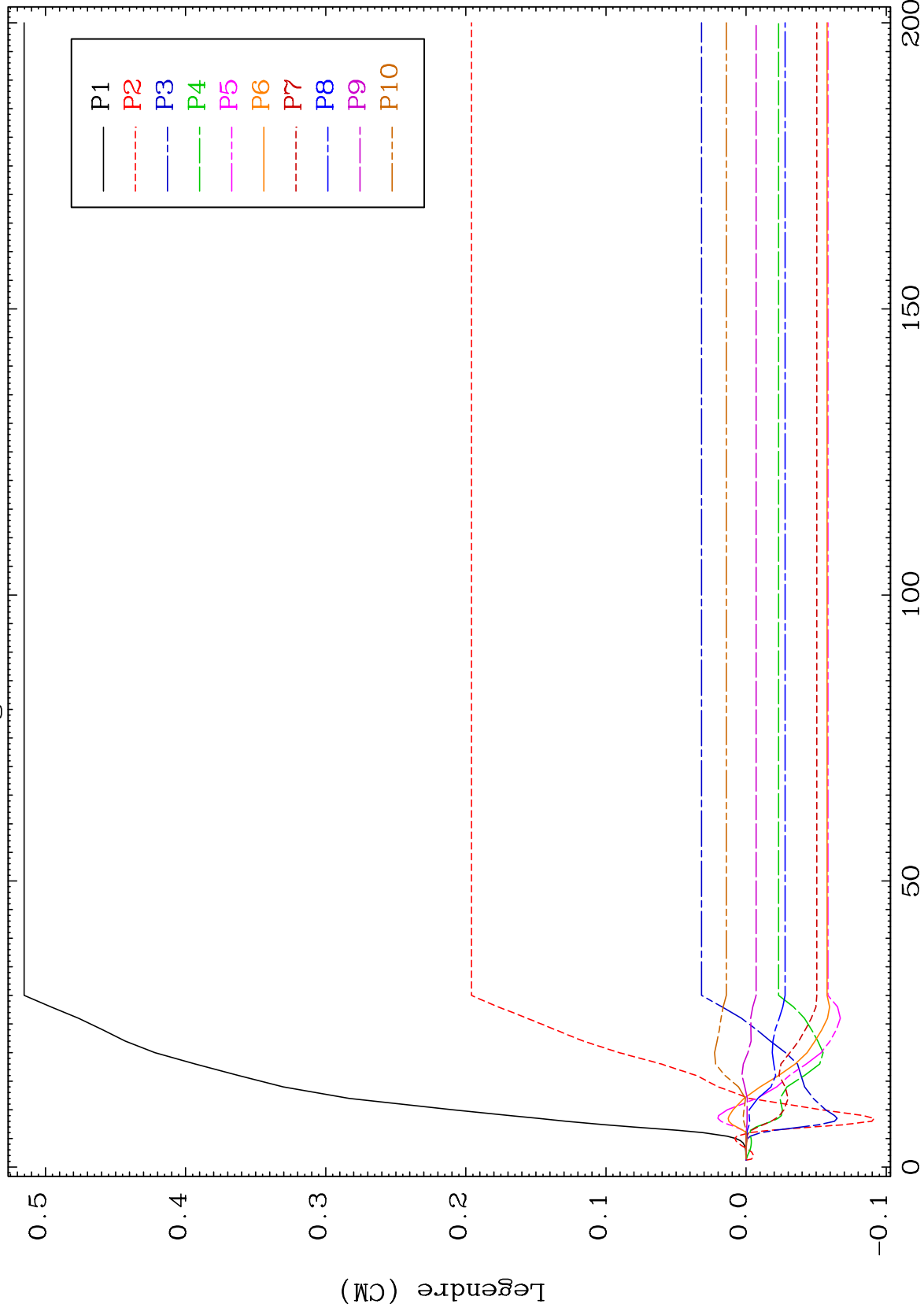
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



76

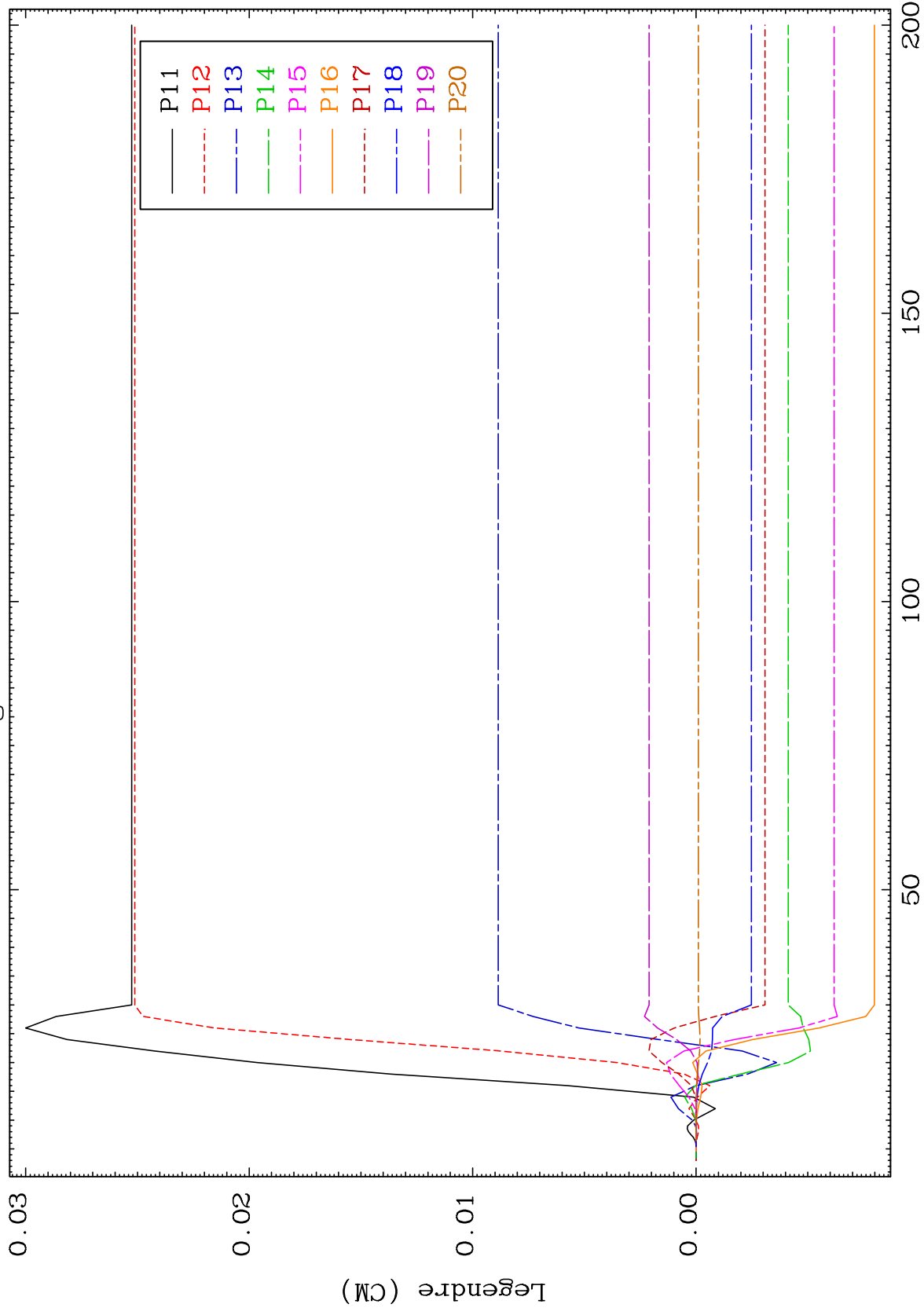
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



77

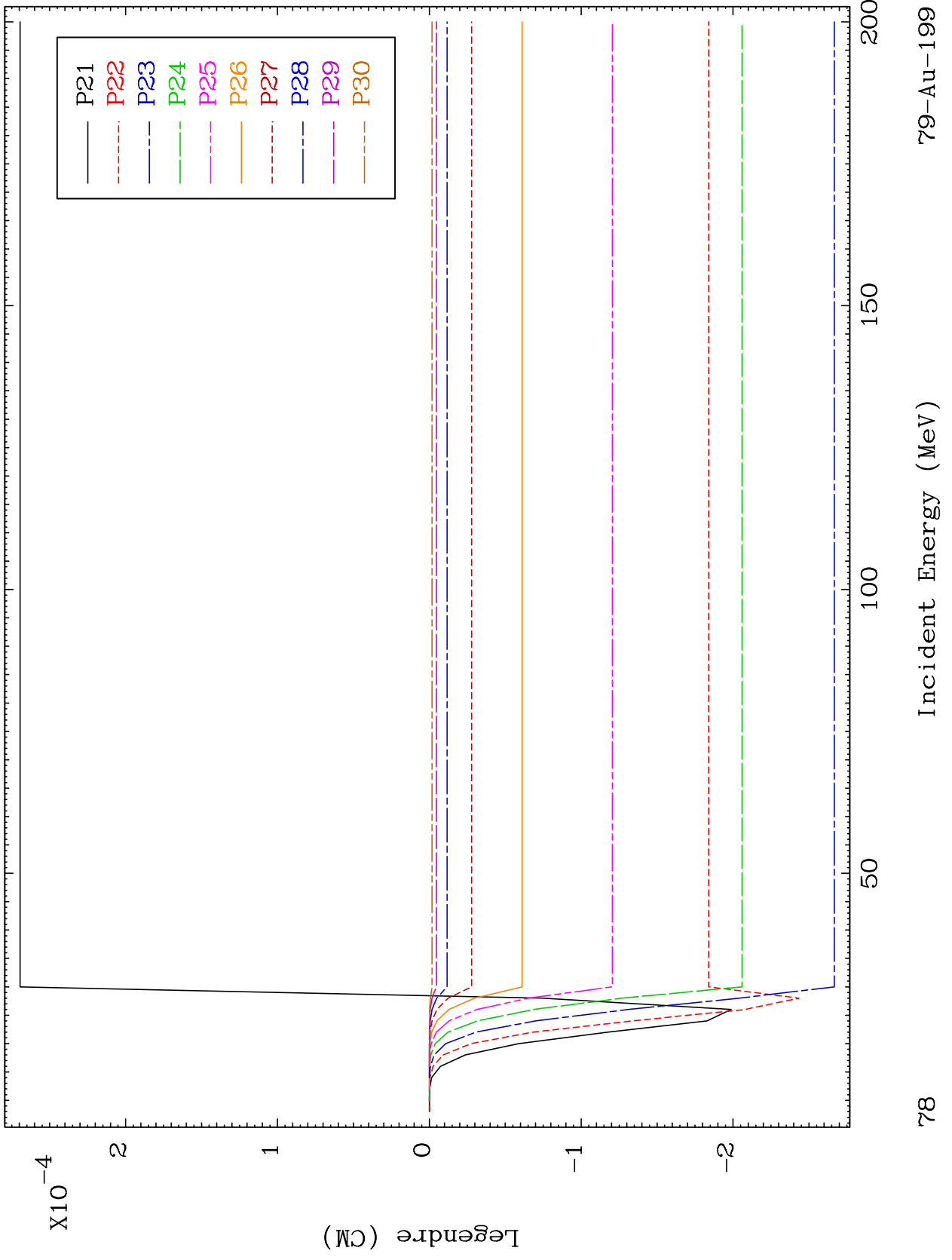
Incident Energy (MeV)

79-Au-199

MAT 7931

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

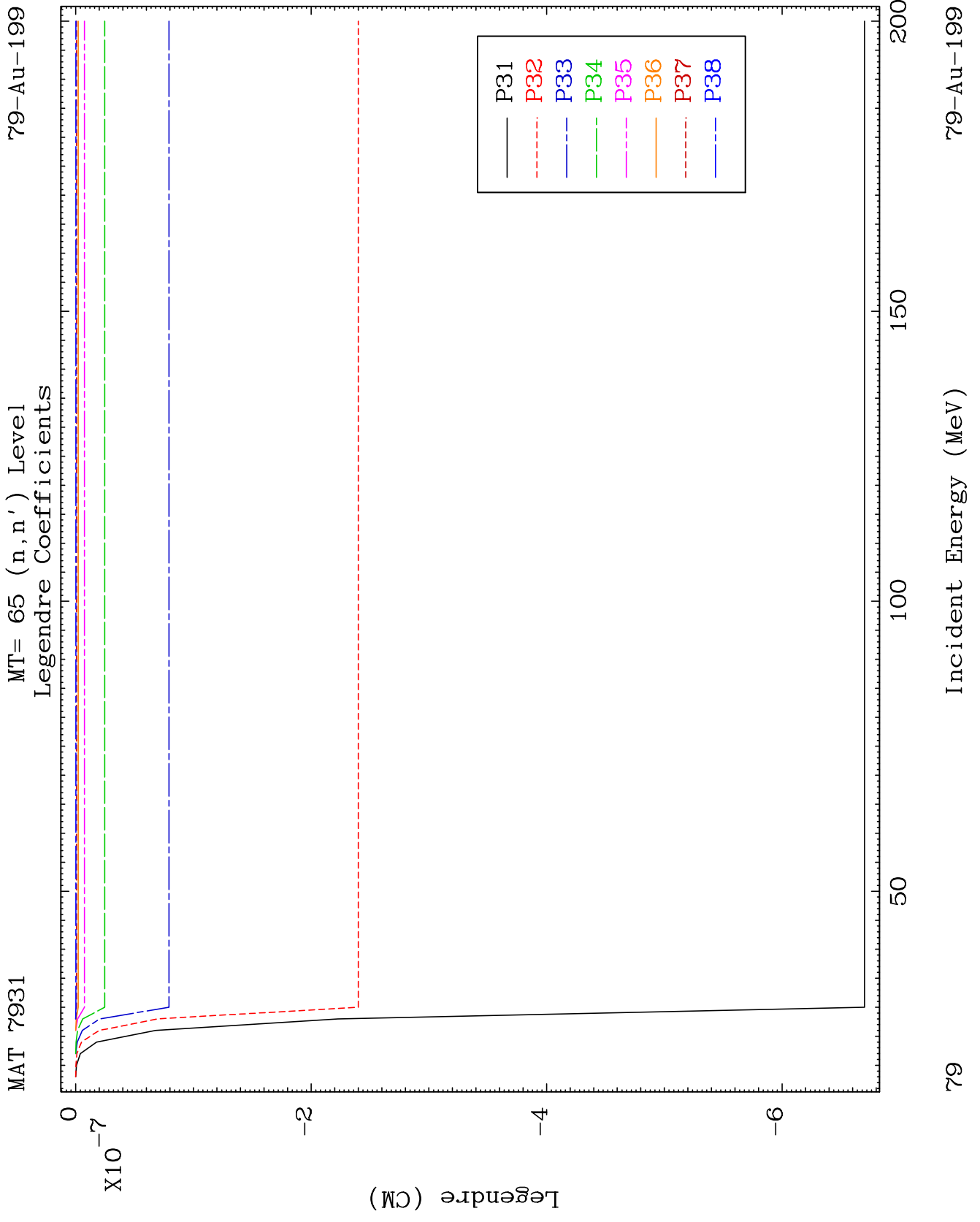
79-Au-199



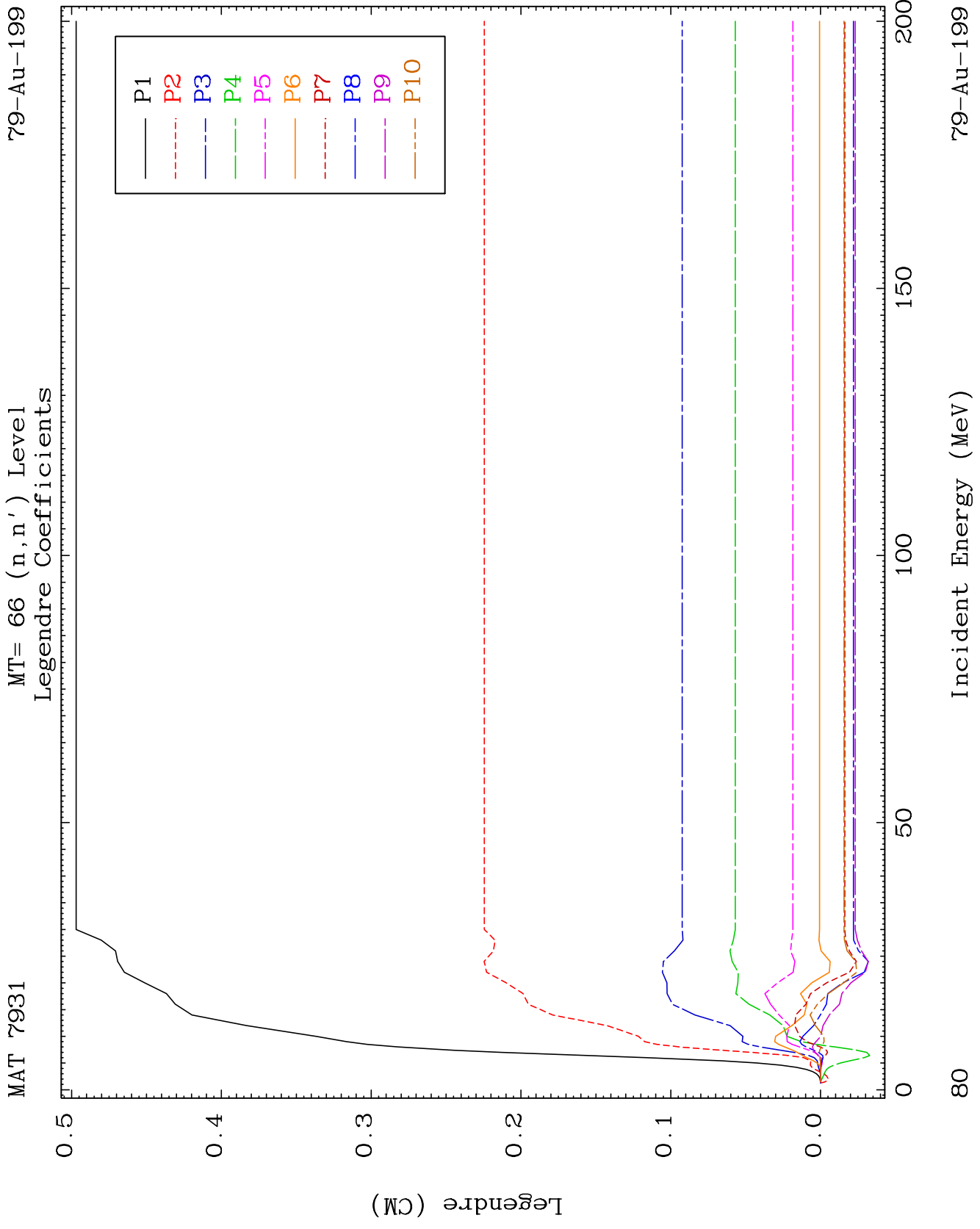
78

Incident Energy (MeV)

79-Au-199



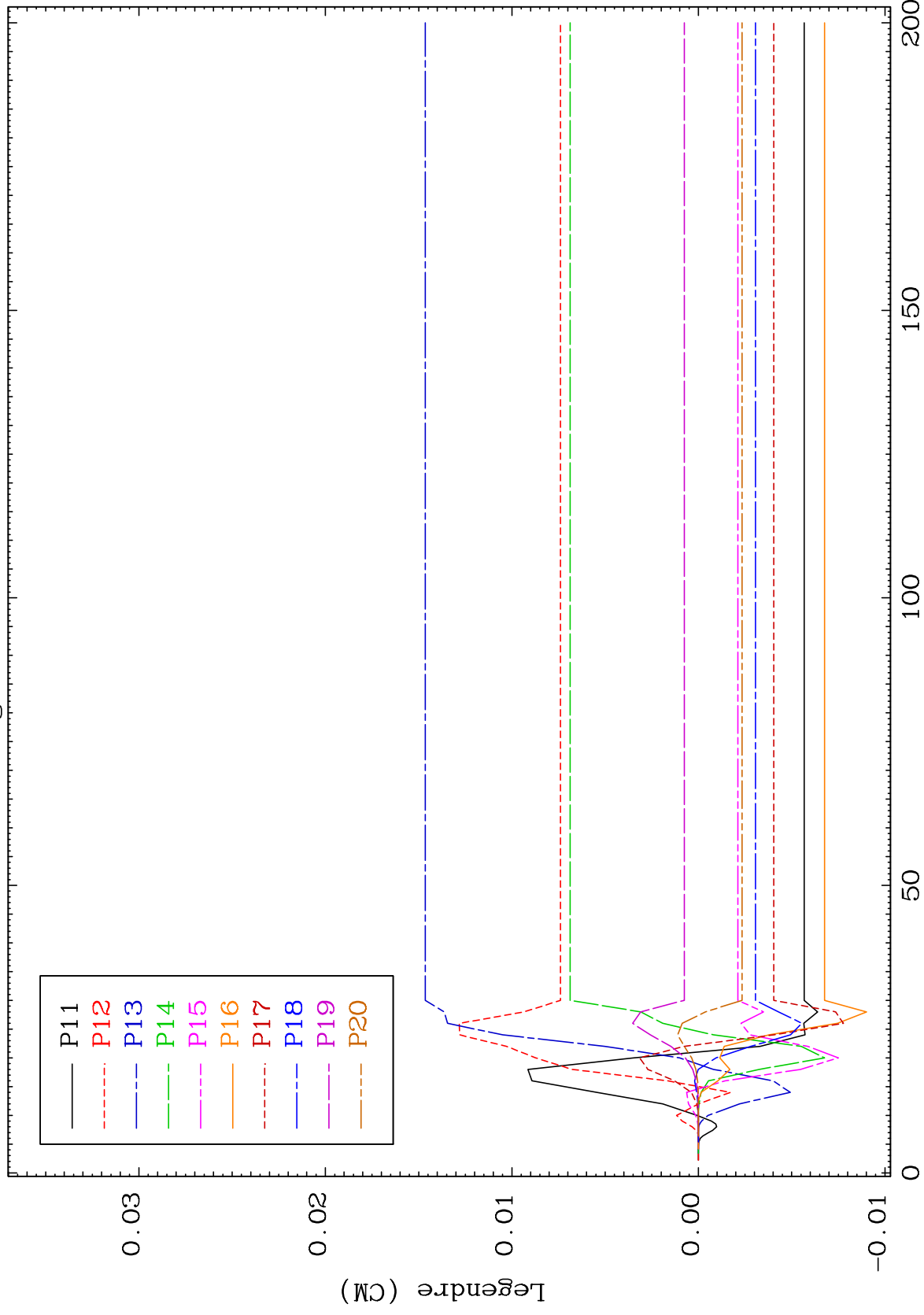




MAT 7931

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

79-Au-199



81

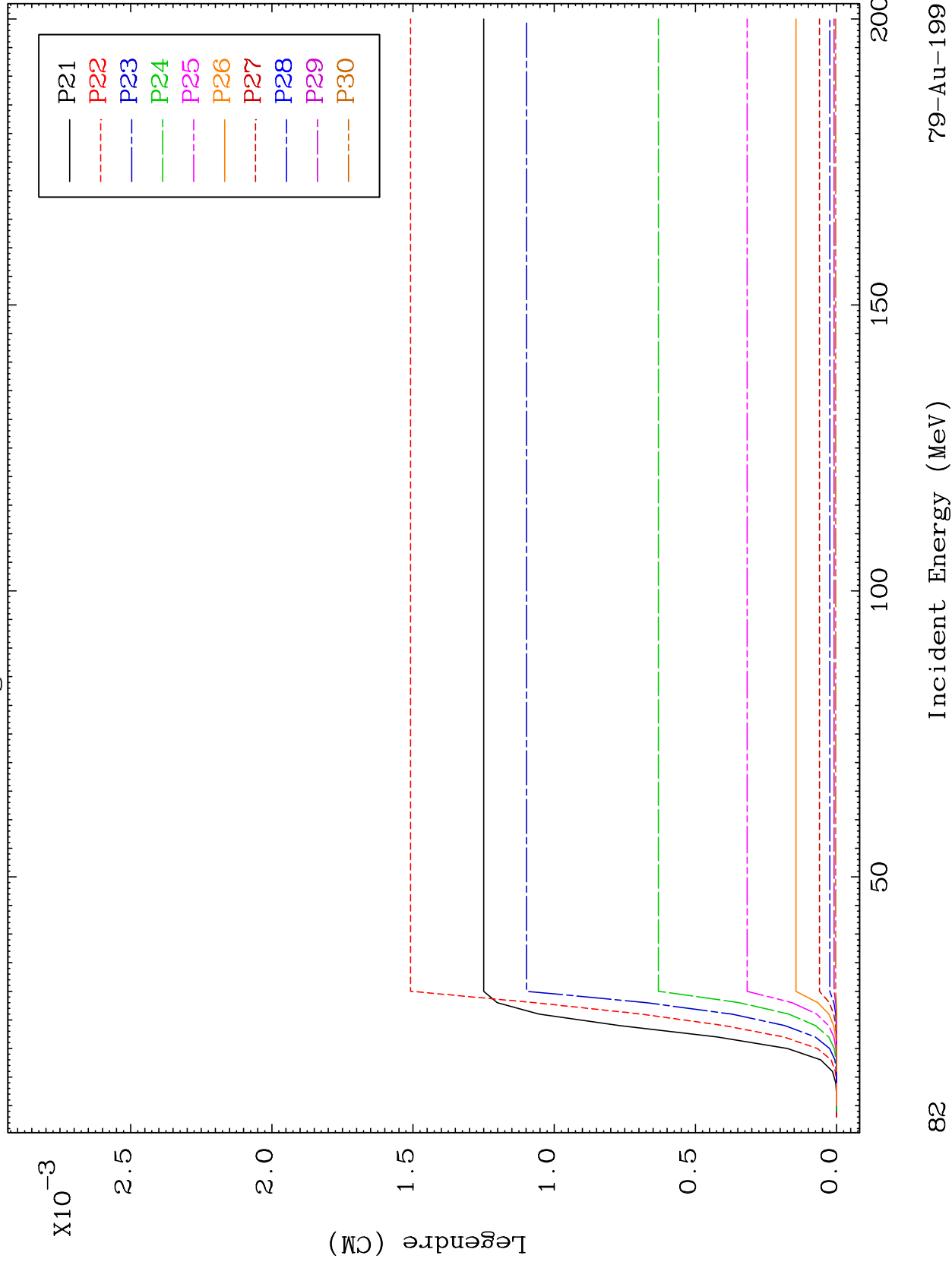
Incident Energy (MeV)

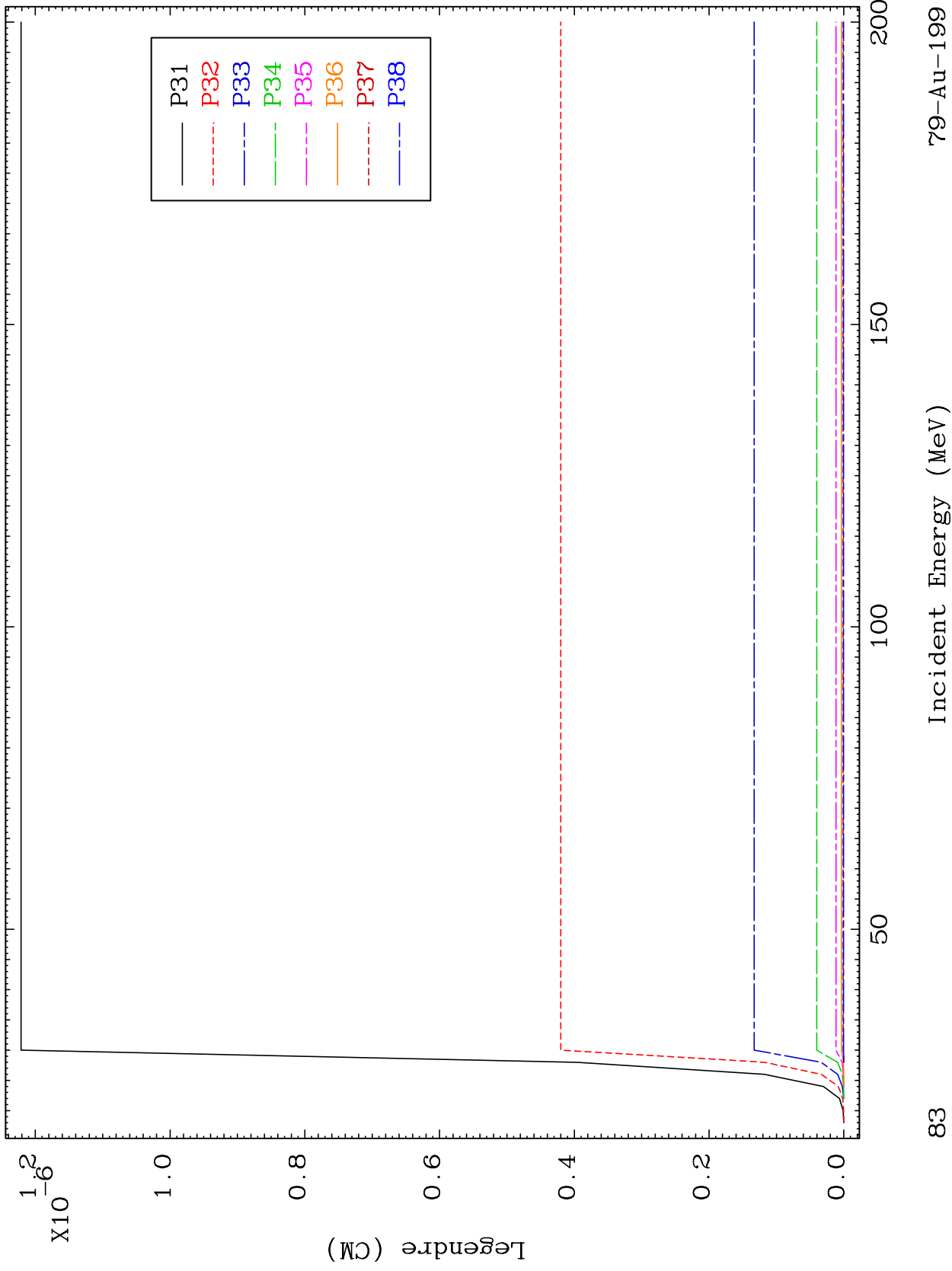
79-Au-199

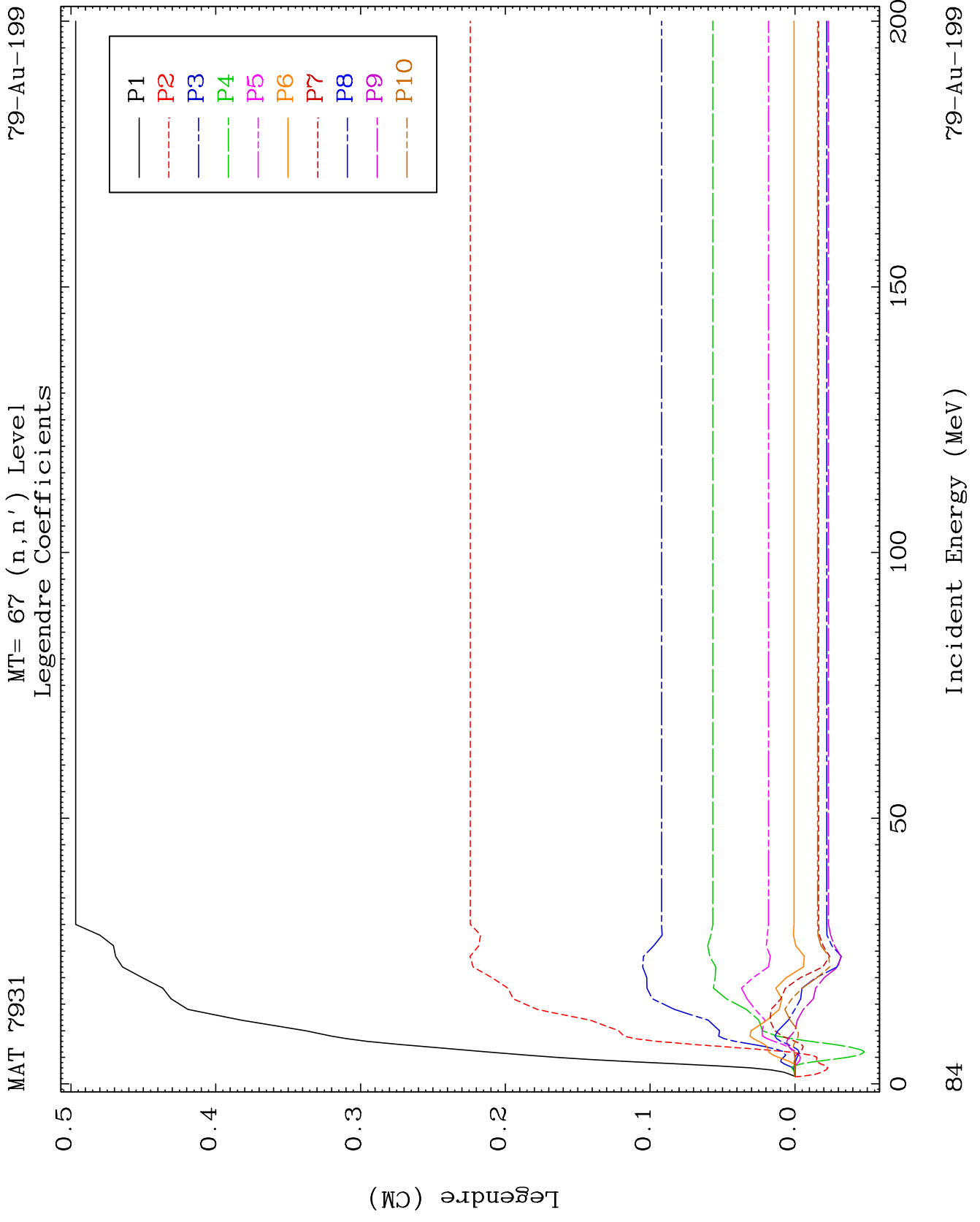
MAT 7931

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

79-Au-199



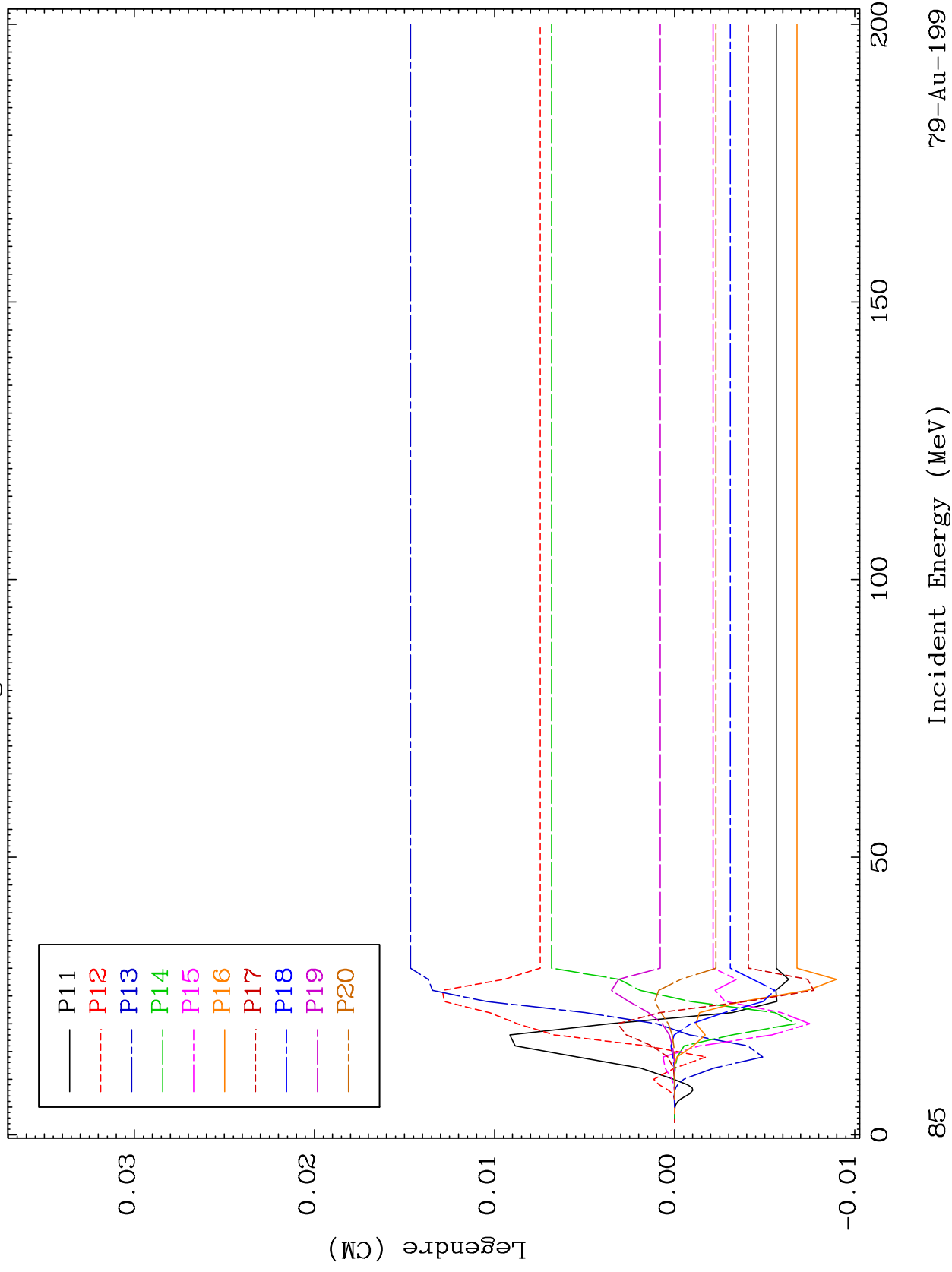




MAT 7931

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

79-Au-199



79-Au-199

Incident Energy (MeV)

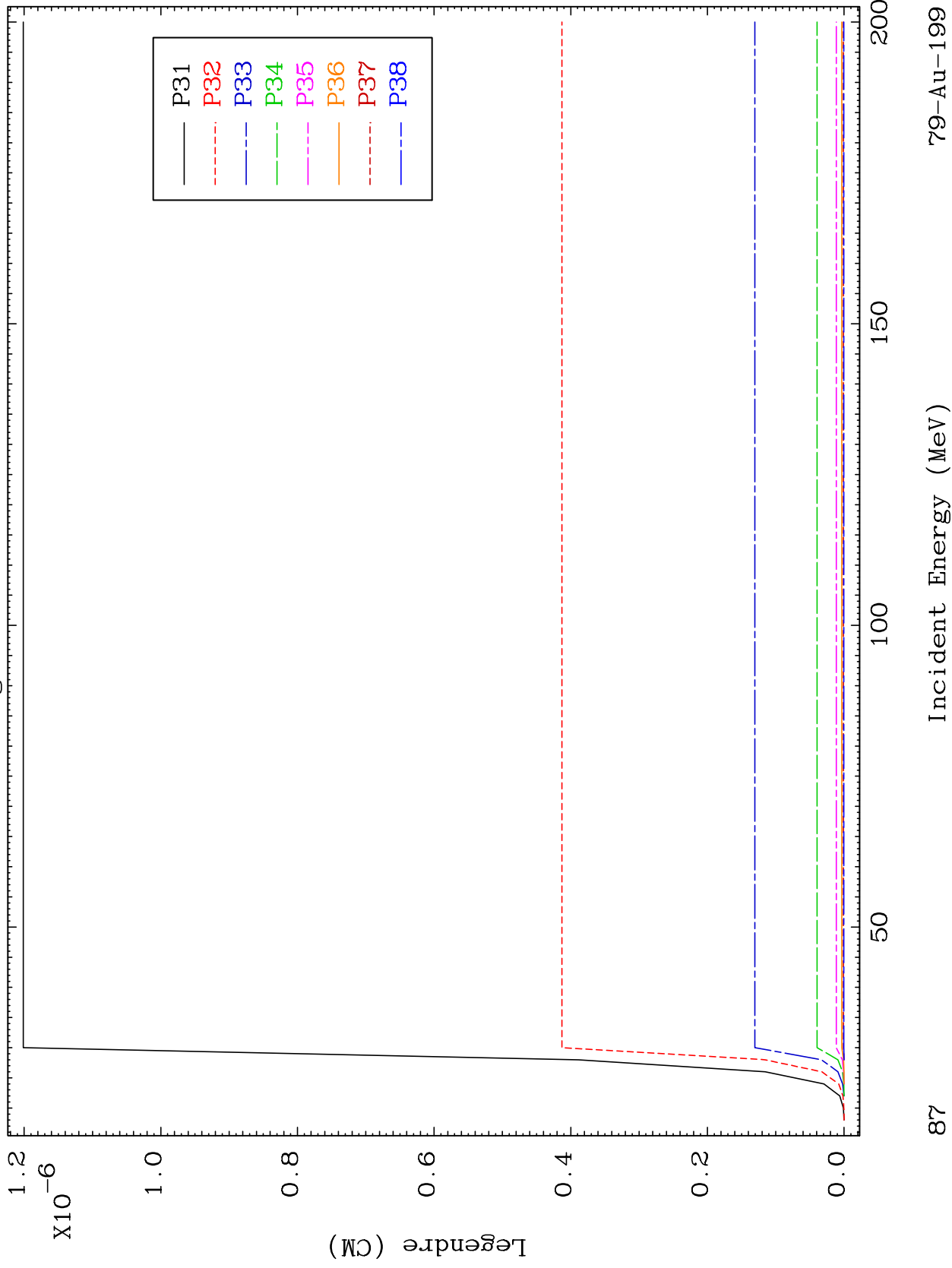
85



MAT 7931

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

79-Au-199

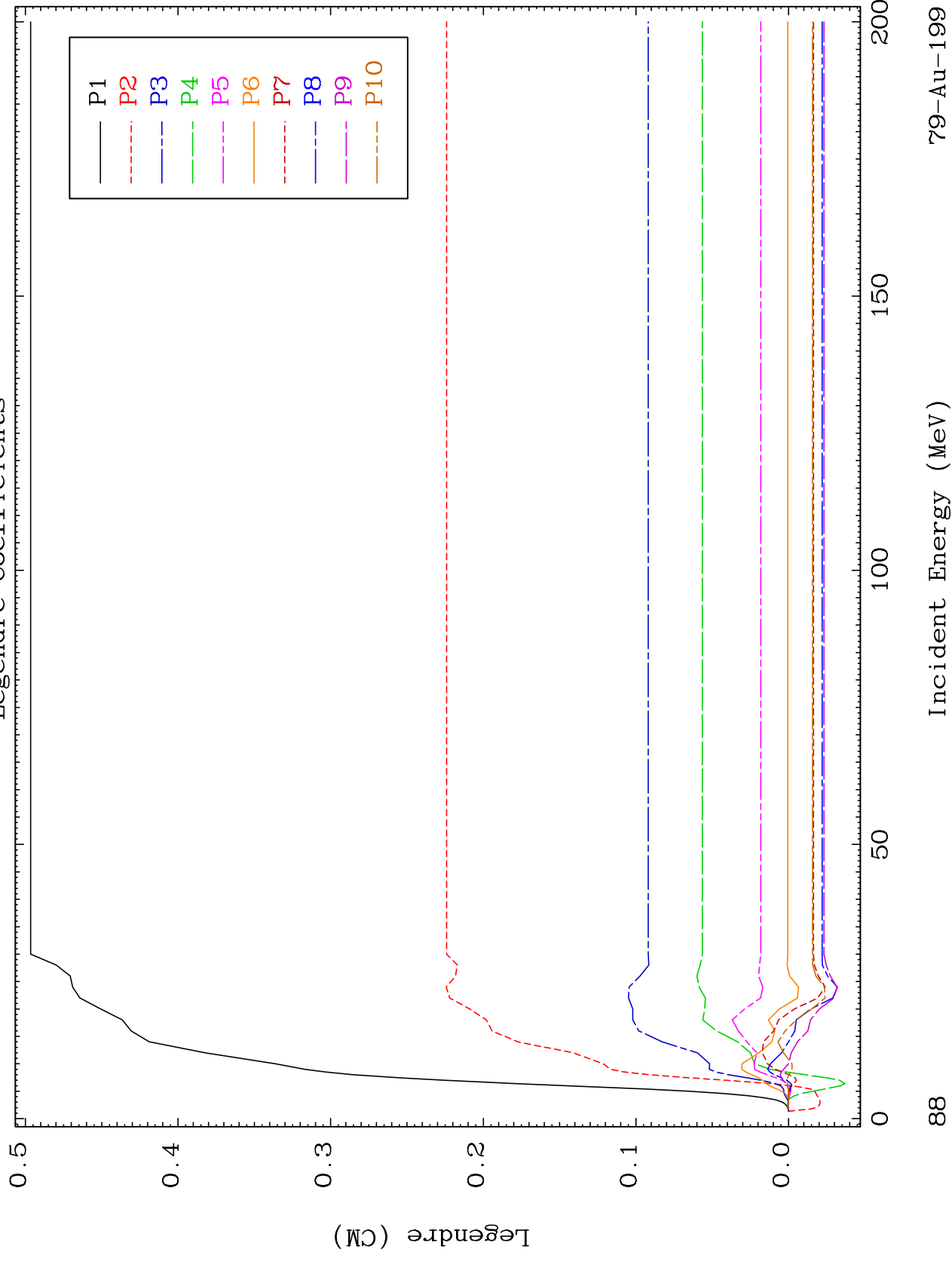




MAT 7931

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

79-Au-199



79-Au-199

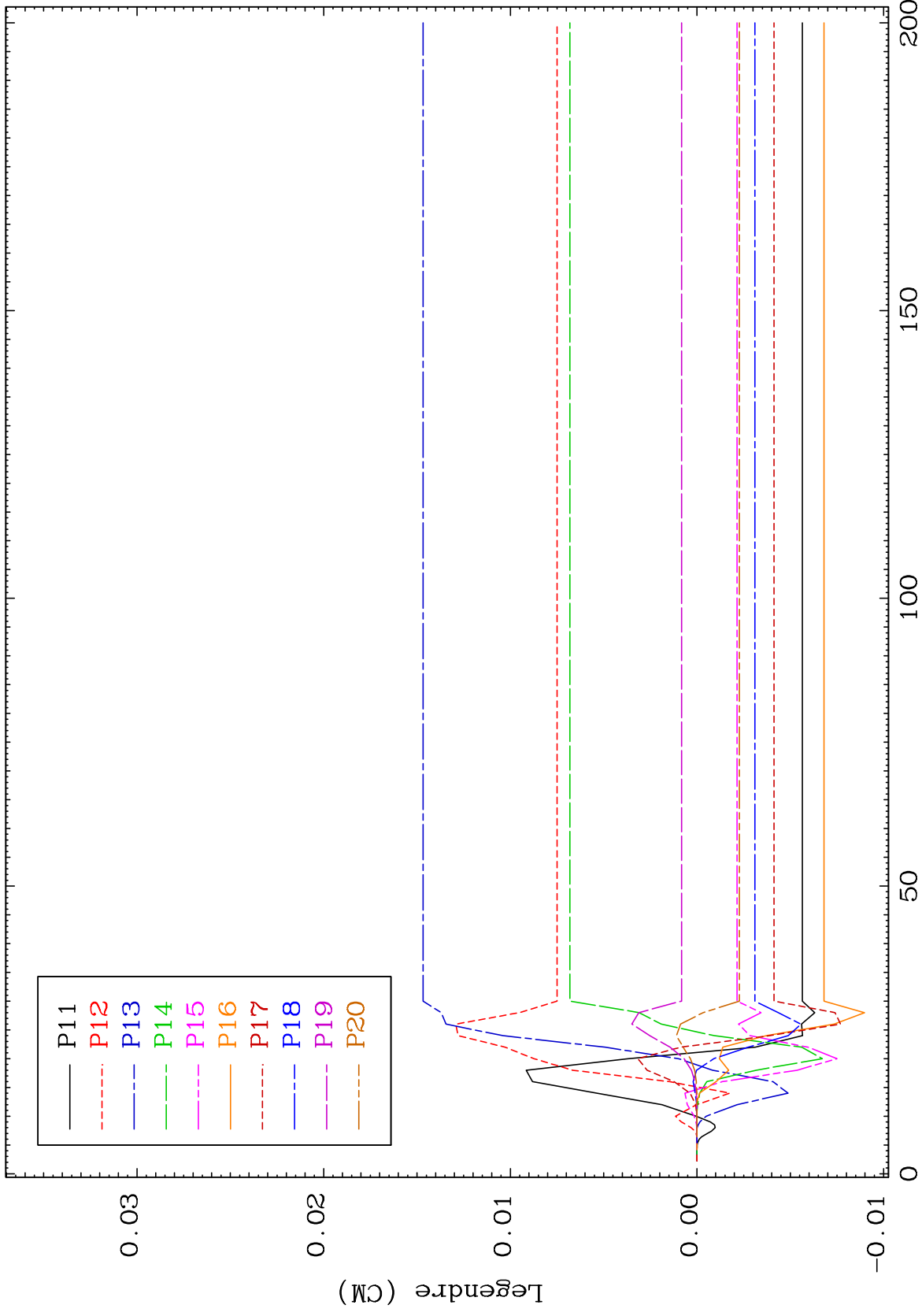
Incident Energy (MeV)

88

MAT 7931

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

79-Au-199



89

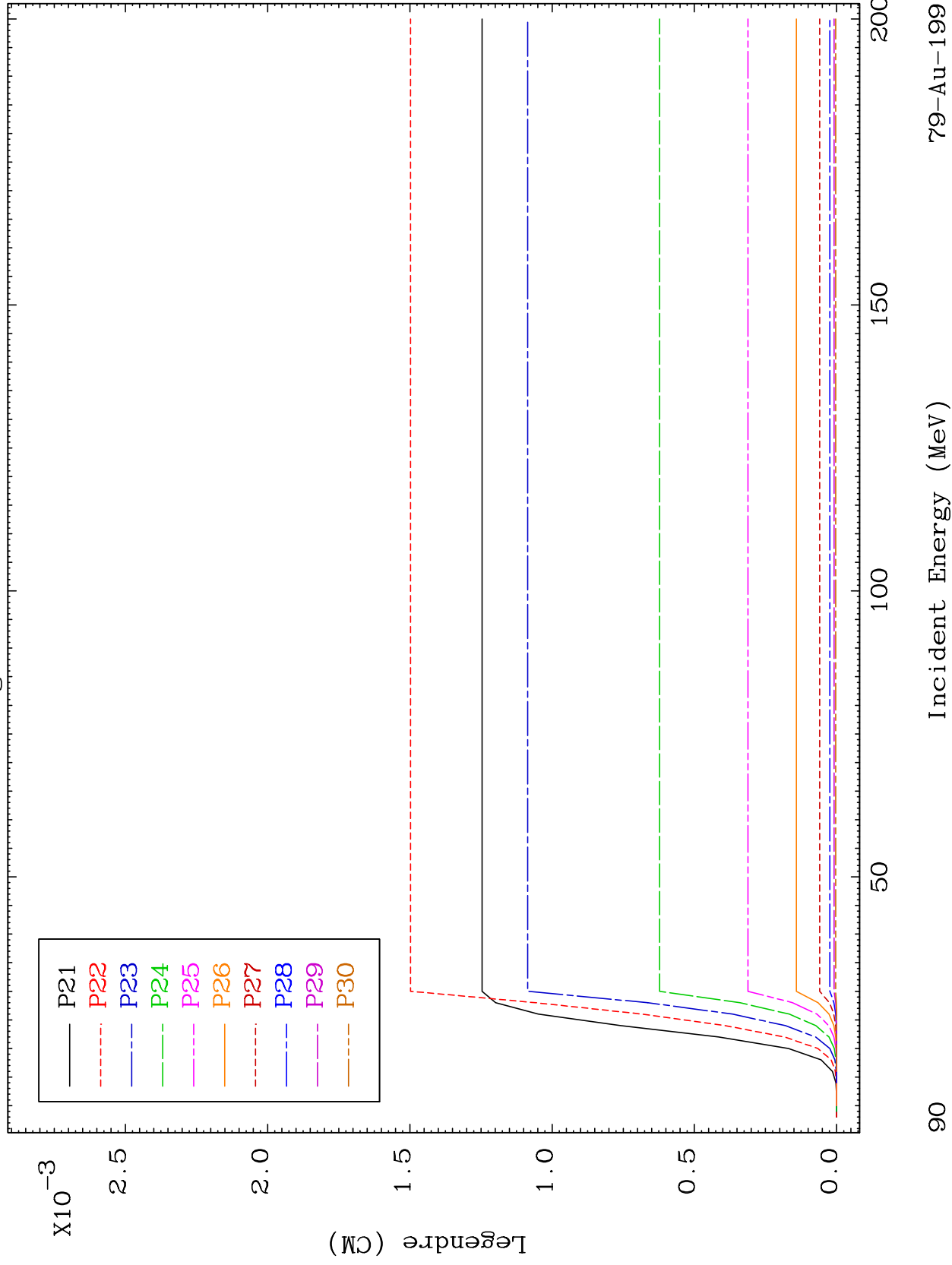
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



79-Au-199

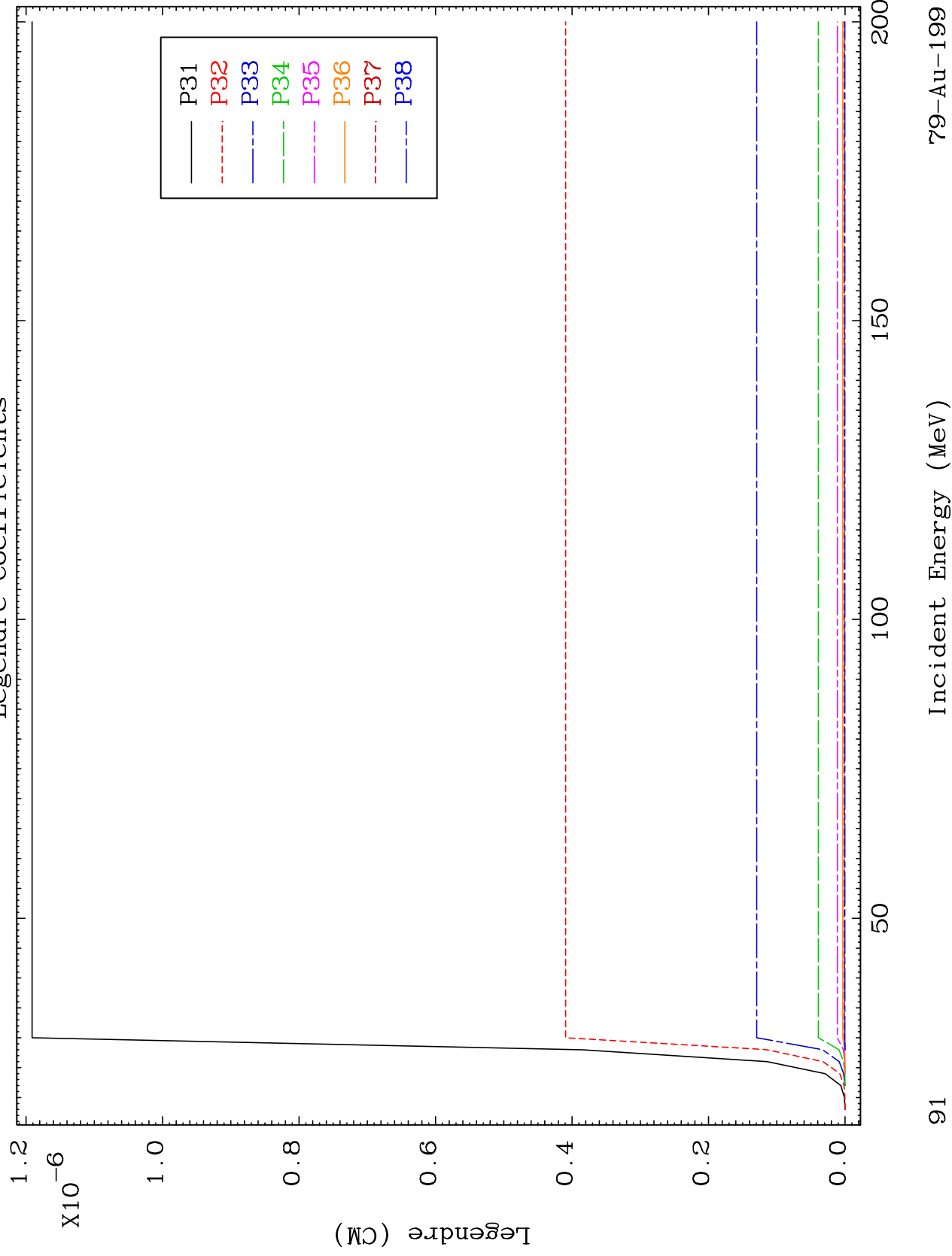
Incident Energy (MeV)

90

MAT 7931

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

79-Au-199



91

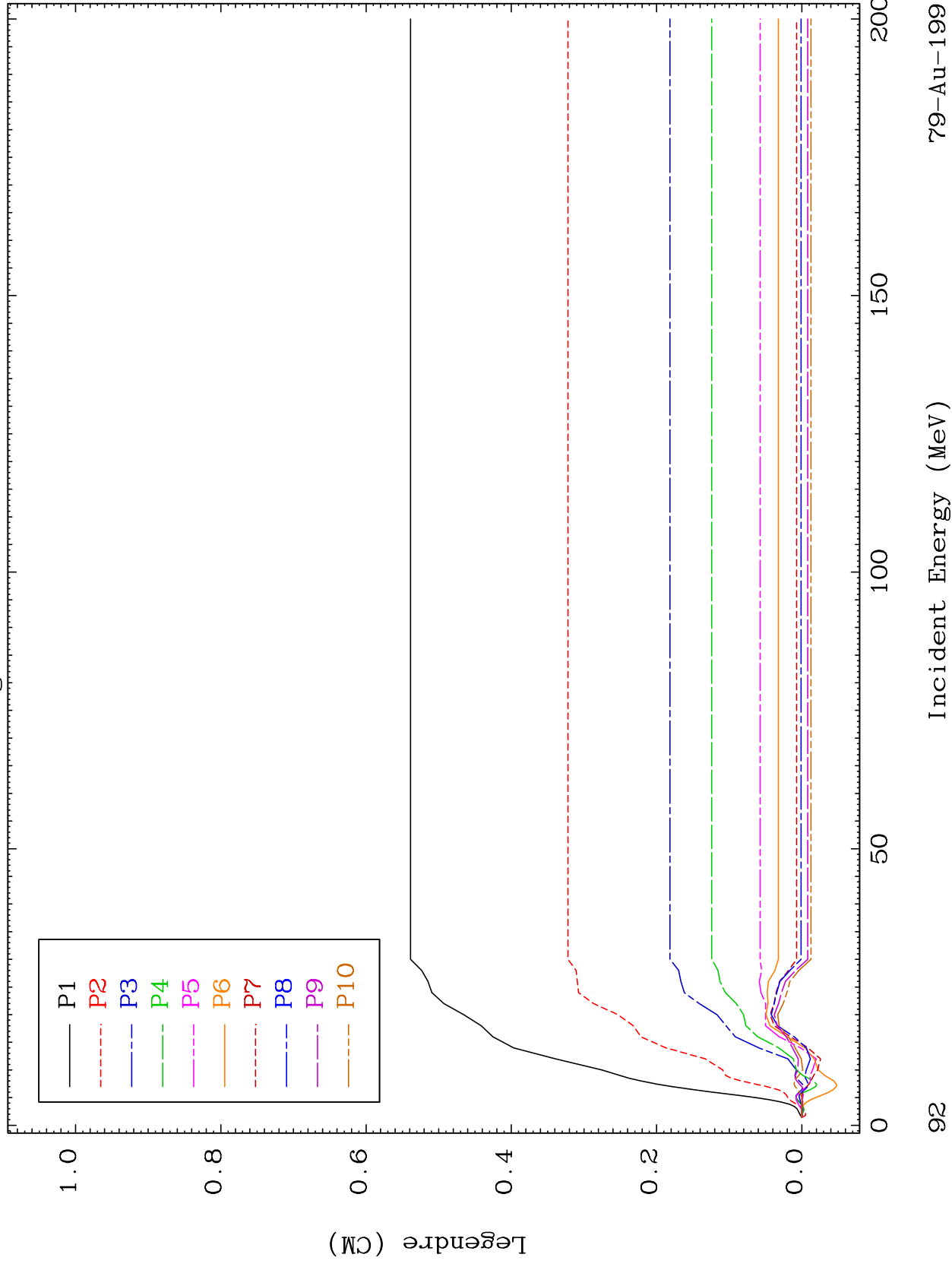
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



92

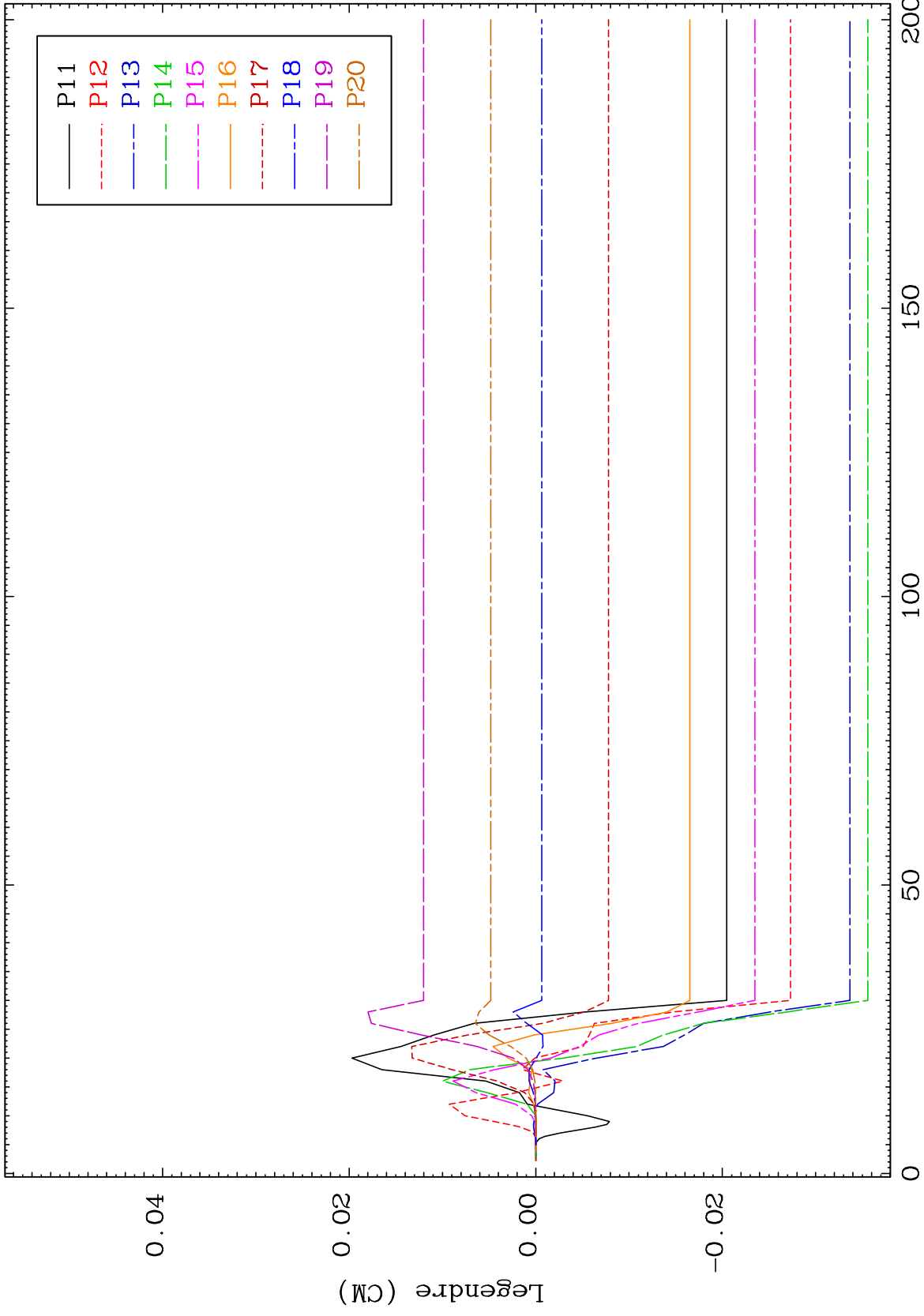
Incident Energy (MeV)

79-Au-199

MAT 7931

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

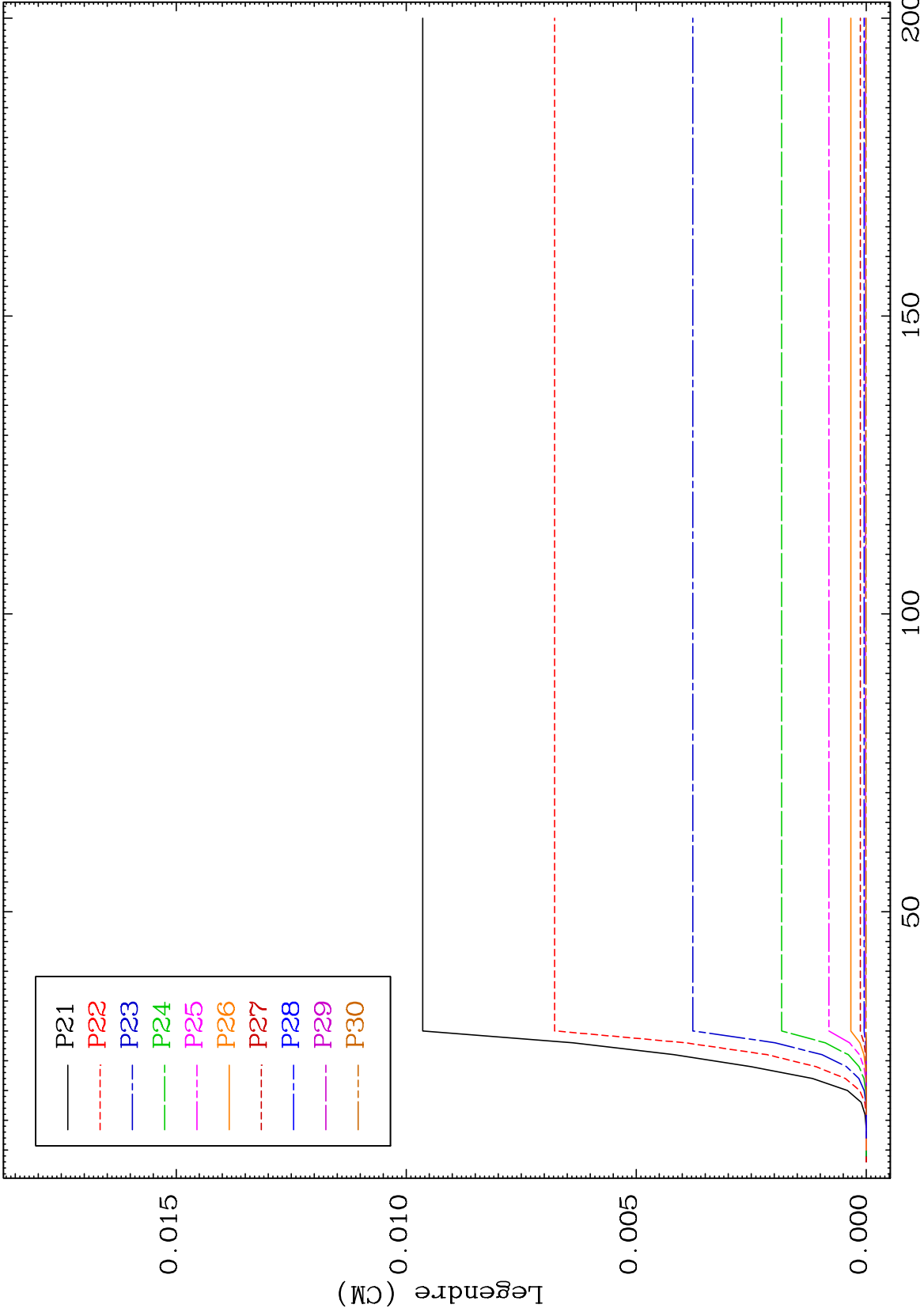
79-Au-199



93

Incident Energy (MeV)

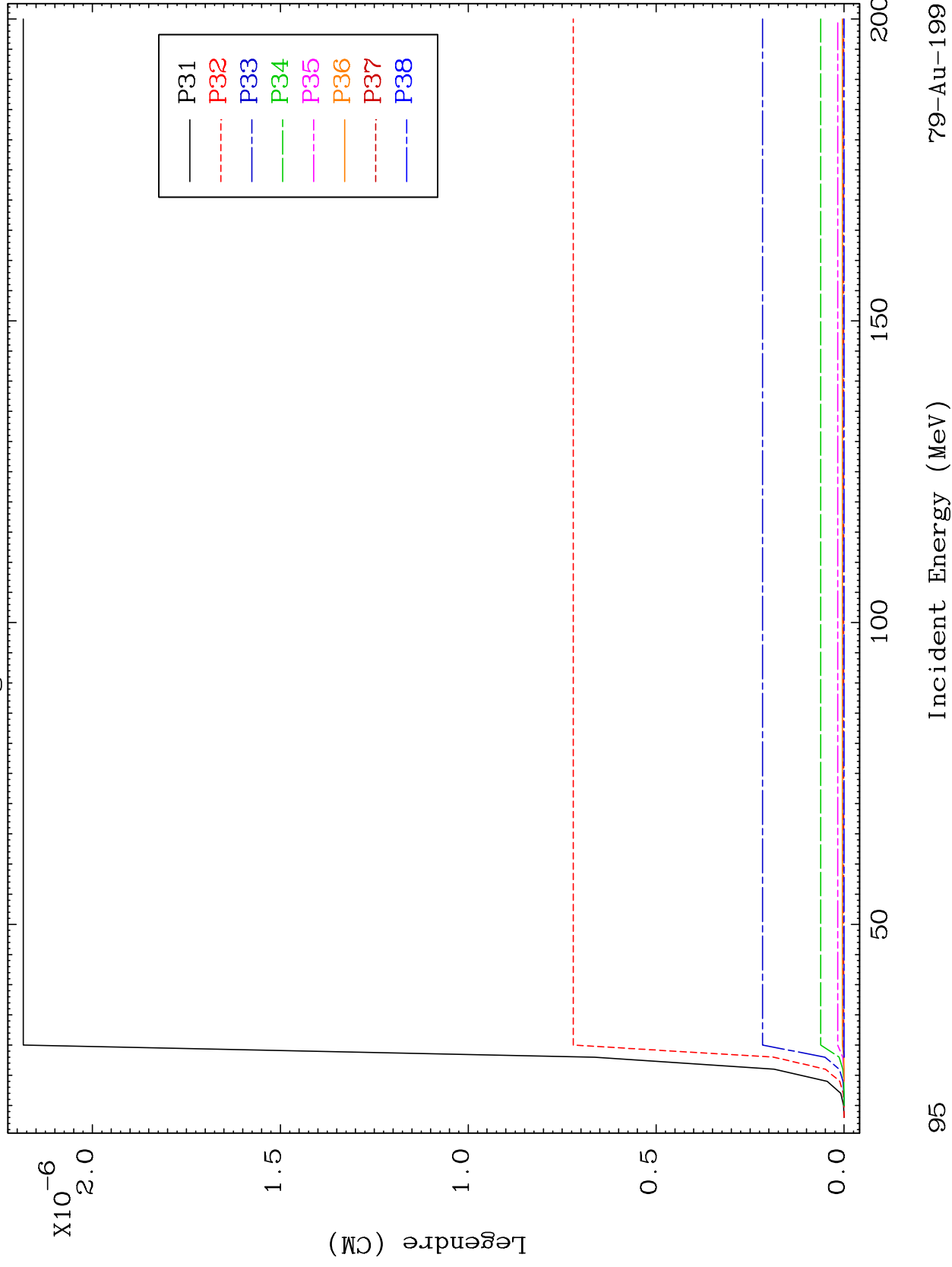
79-Au-199



MAT 7931

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

79-Au-199

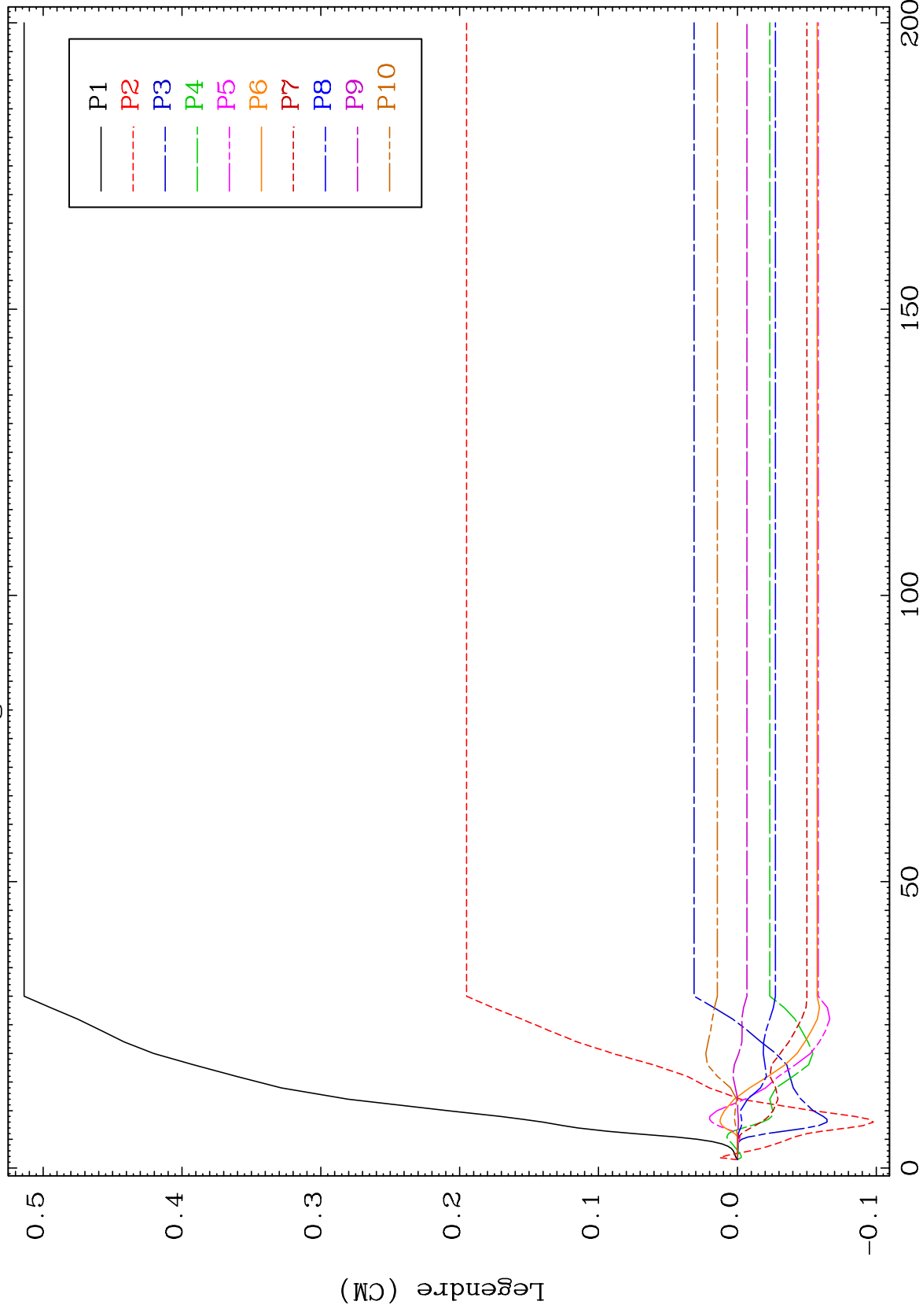




MAT 7931

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

79-Au-199



96

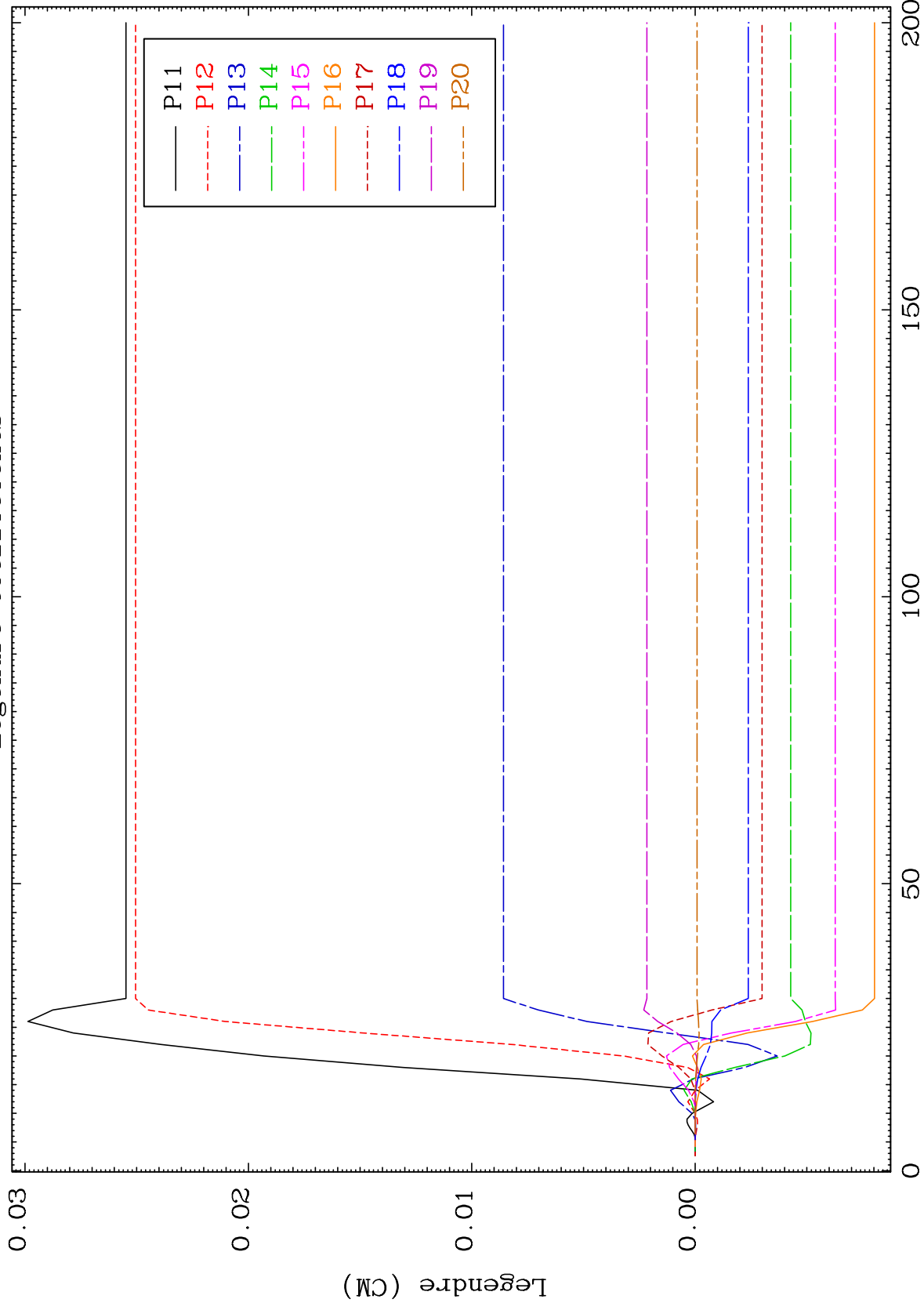
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



97

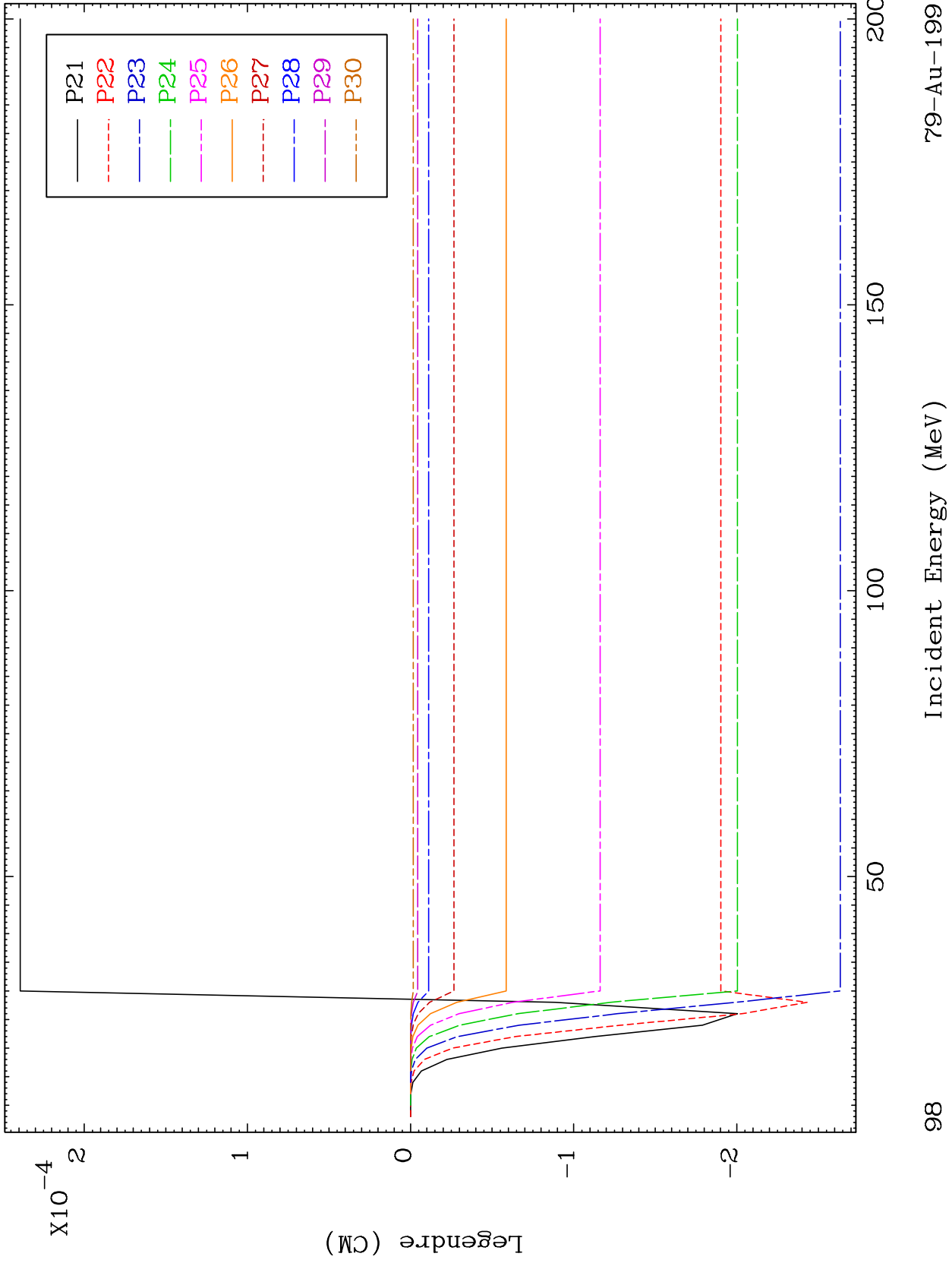
Incident Energy (MeV)

79-Au-199

MAT 7931

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

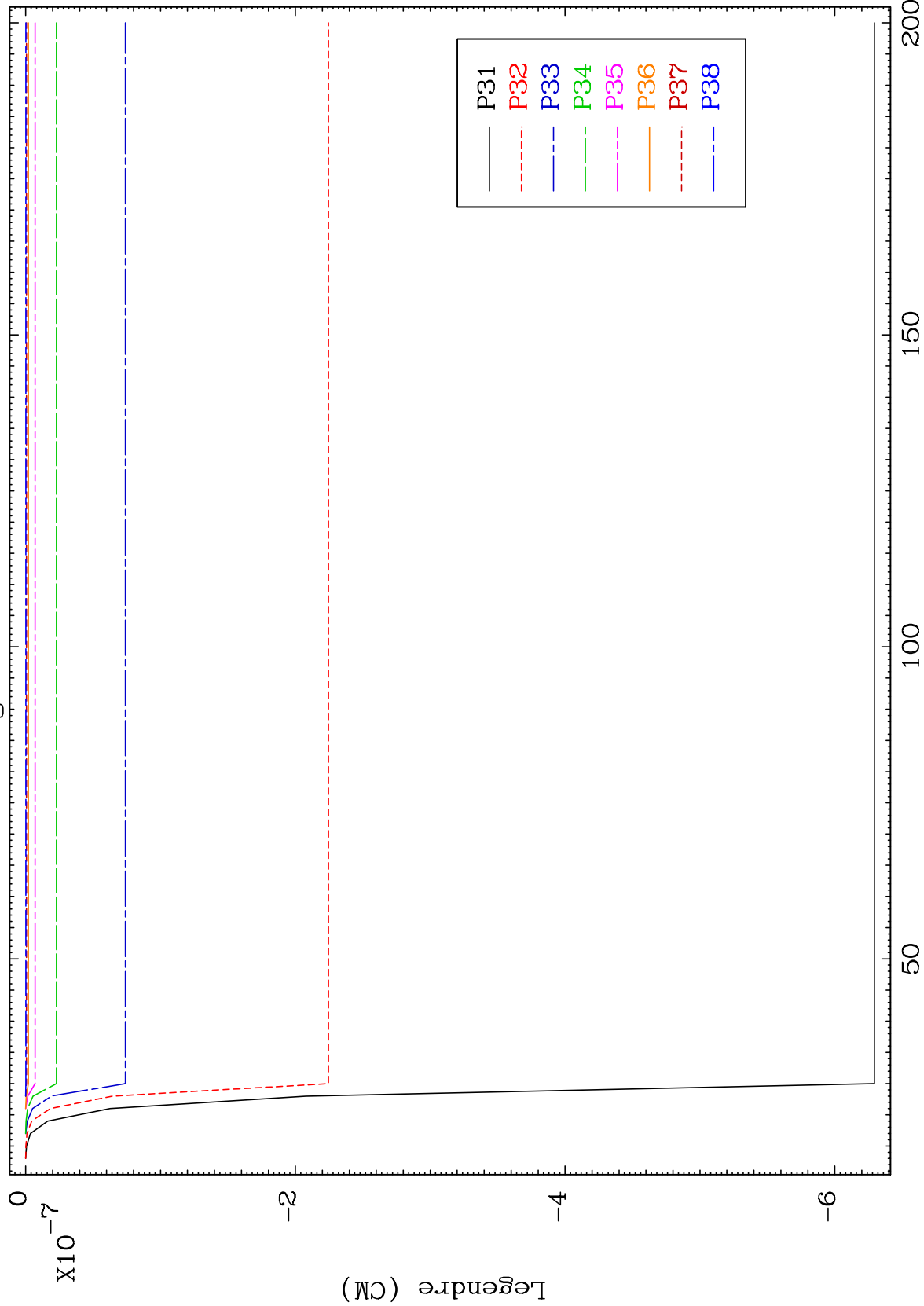
79-Au-199



MAT 7931

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

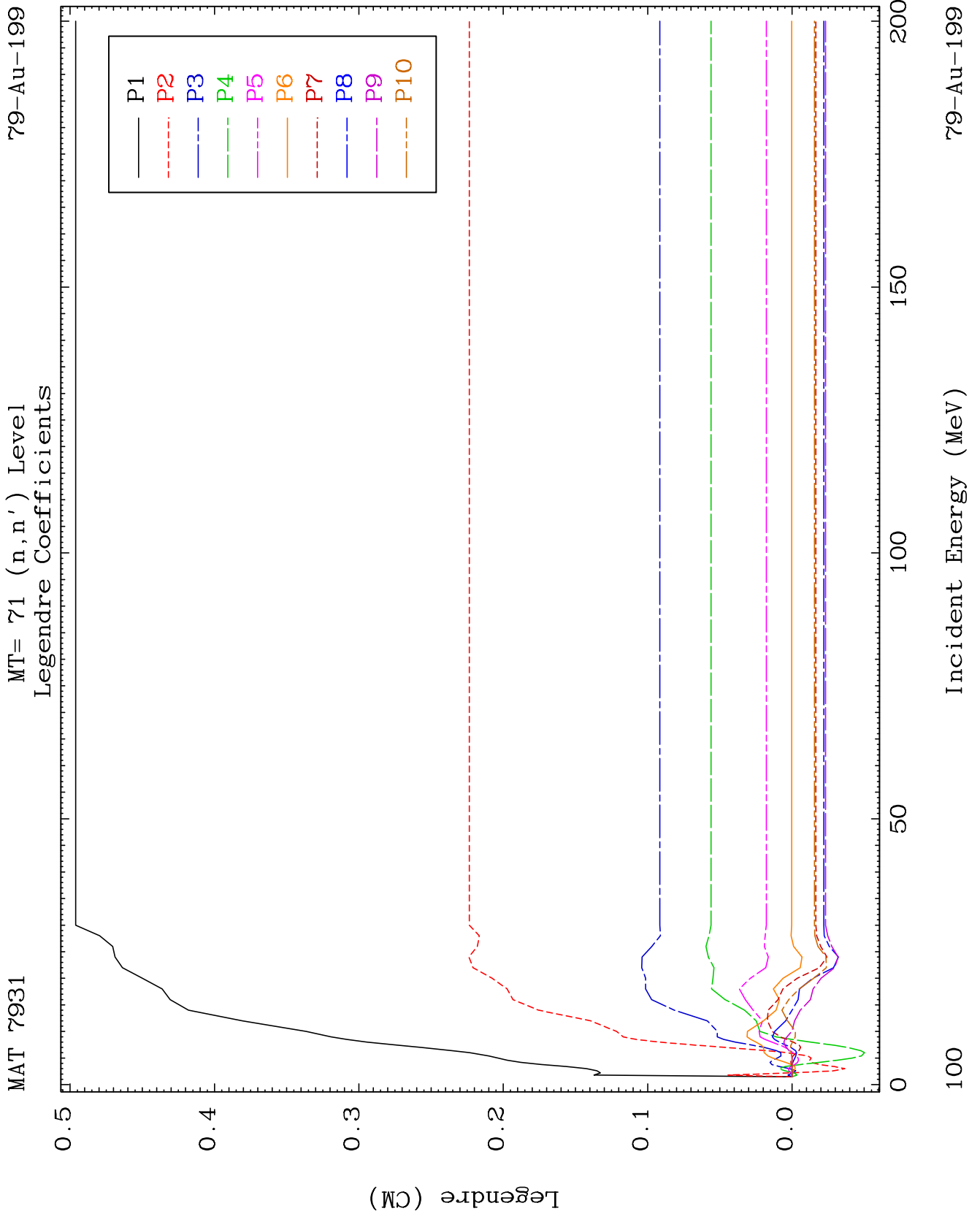
79-Au-199



79-Au-199

Incident Energy (MeV)

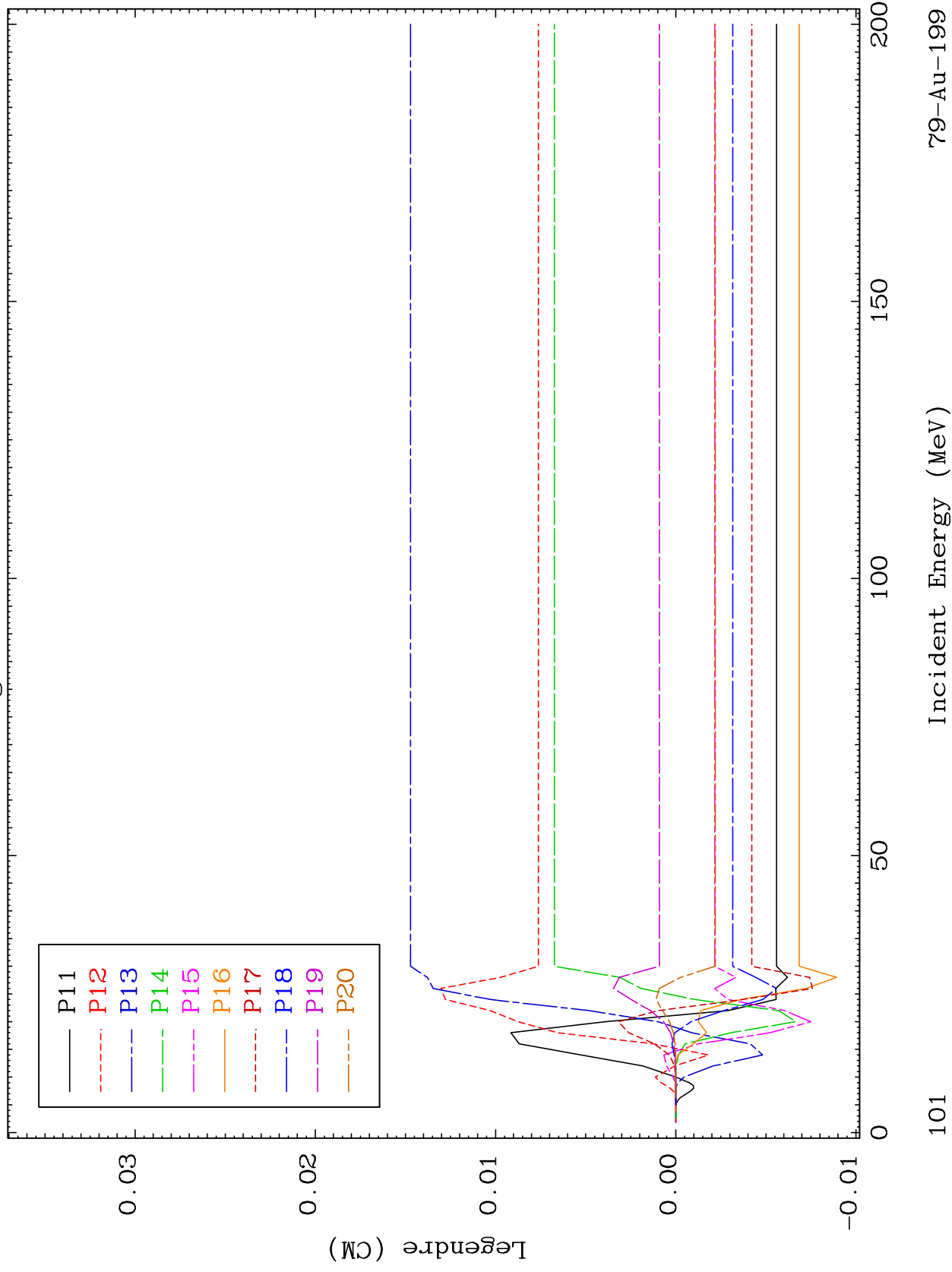
99



MAT 7931

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

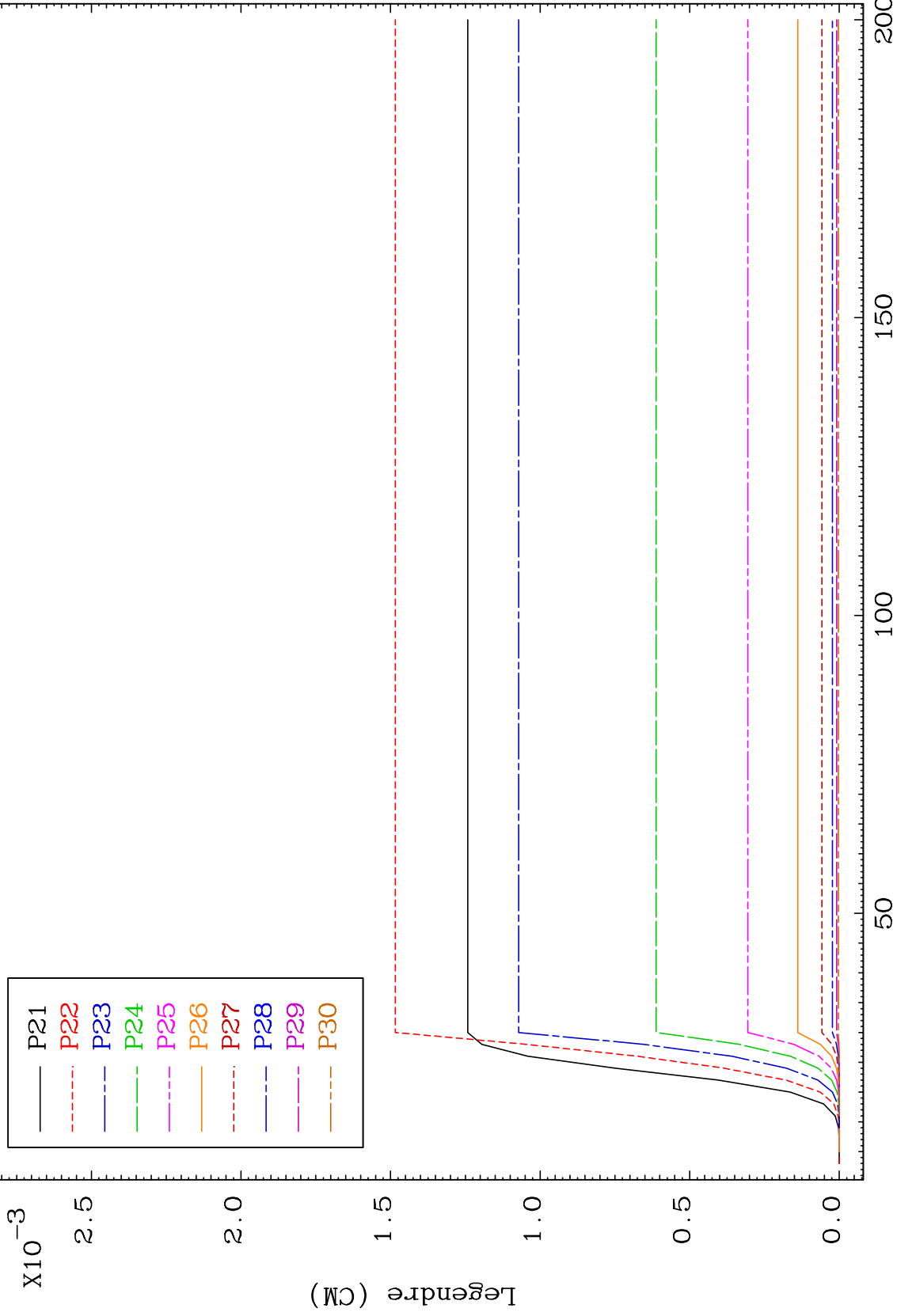
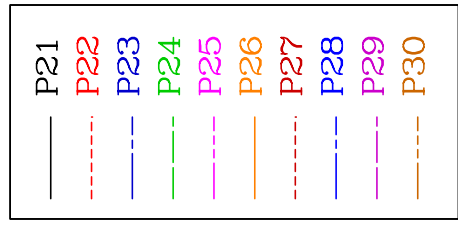
79-Au-199



MAT 7931

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

79-Au-199



102

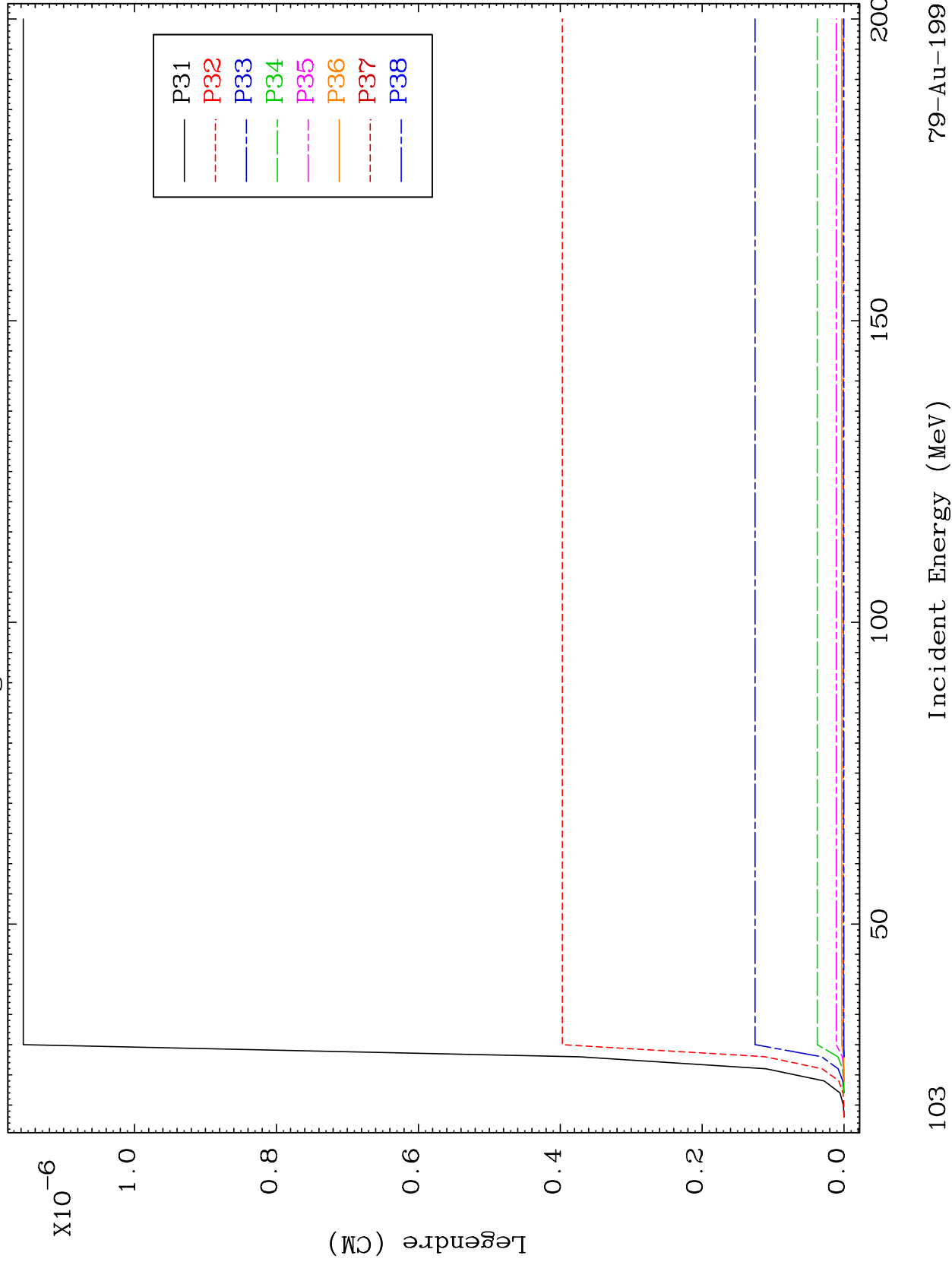
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



103

Incident Energy (MeV)

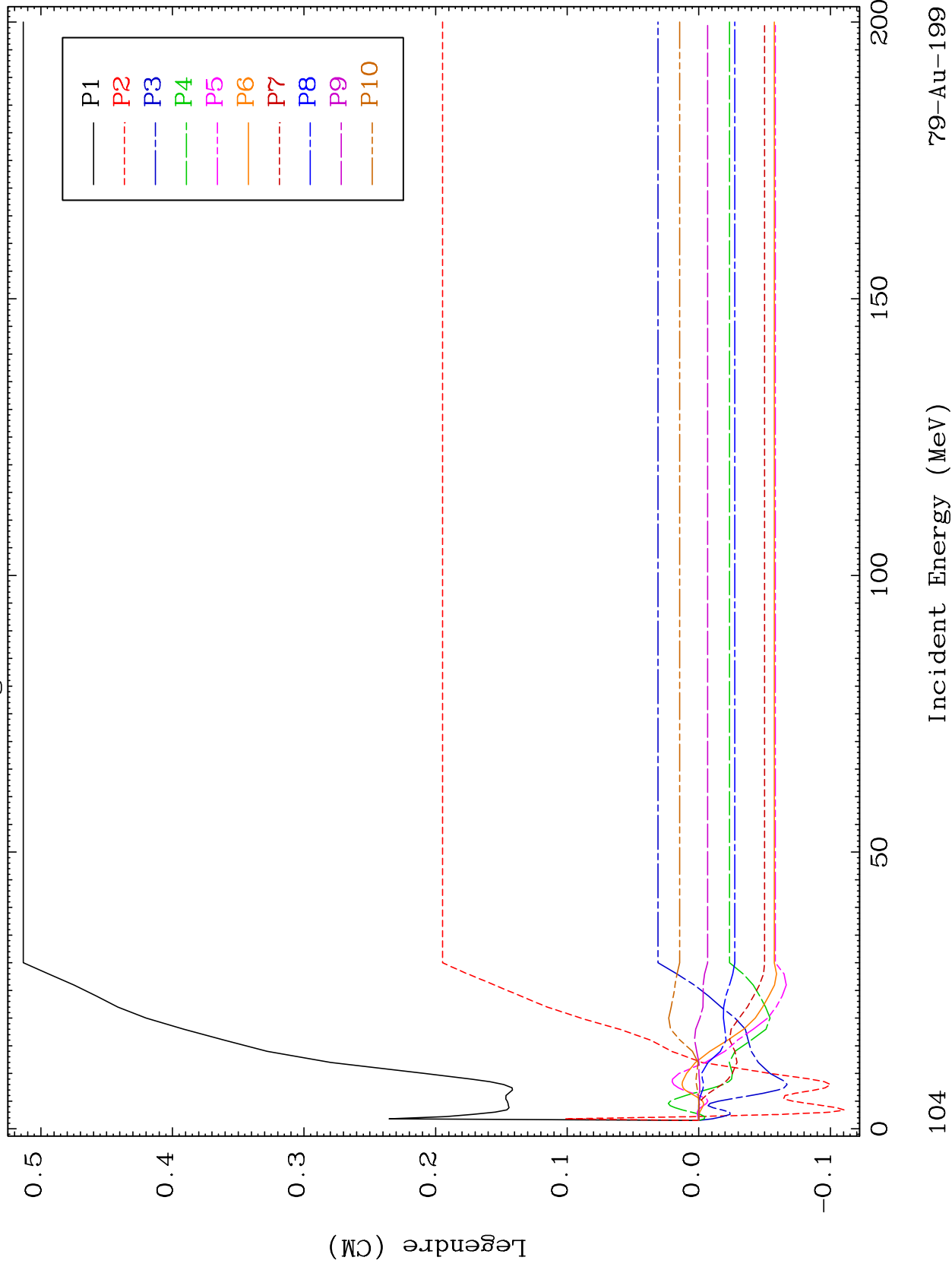
79-Au-199



MAT 7931

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

79-Au-199



79-Au-199

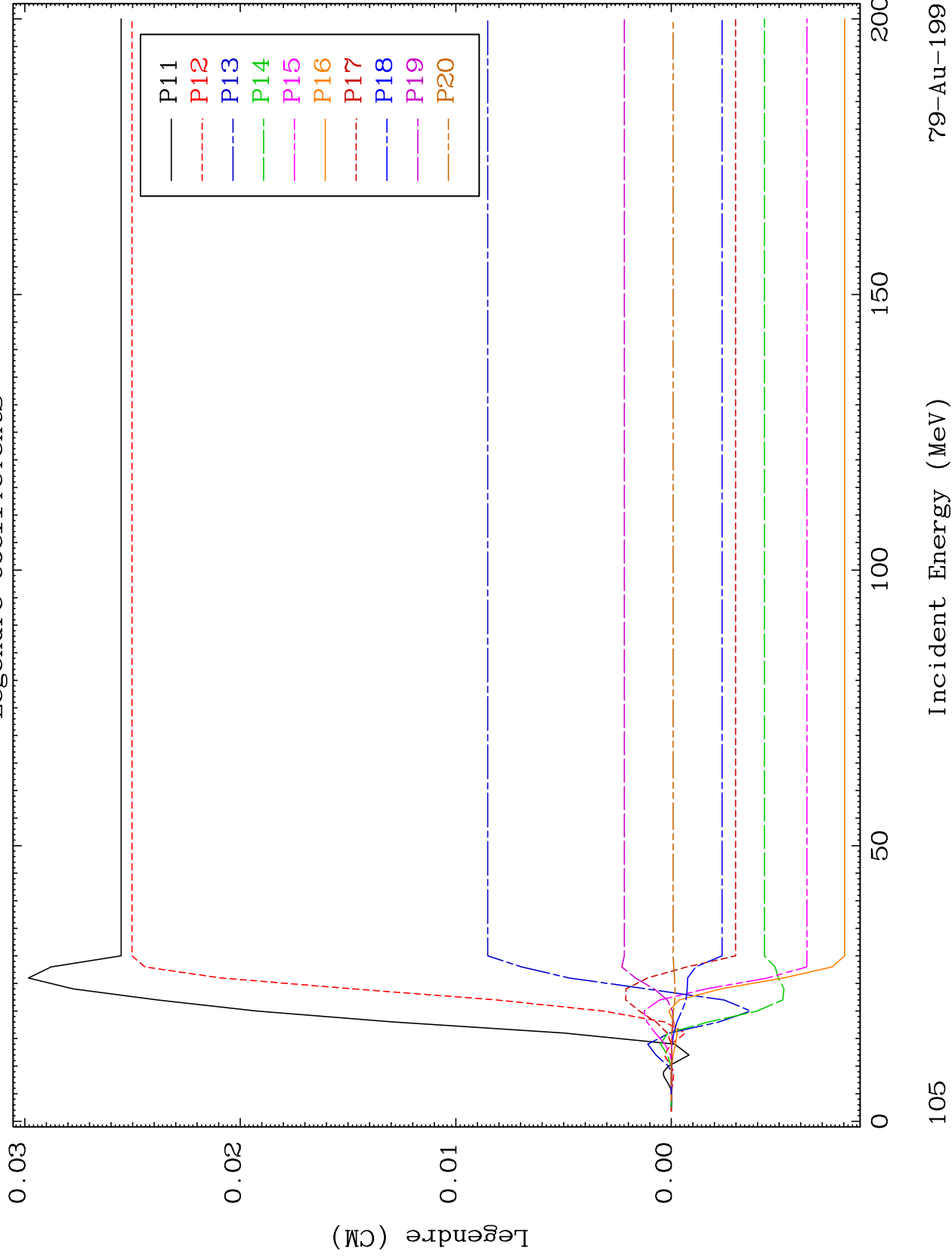
Incident Energy (MeV)

104

MAT 7931

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

79-Au-199



79-Au-199

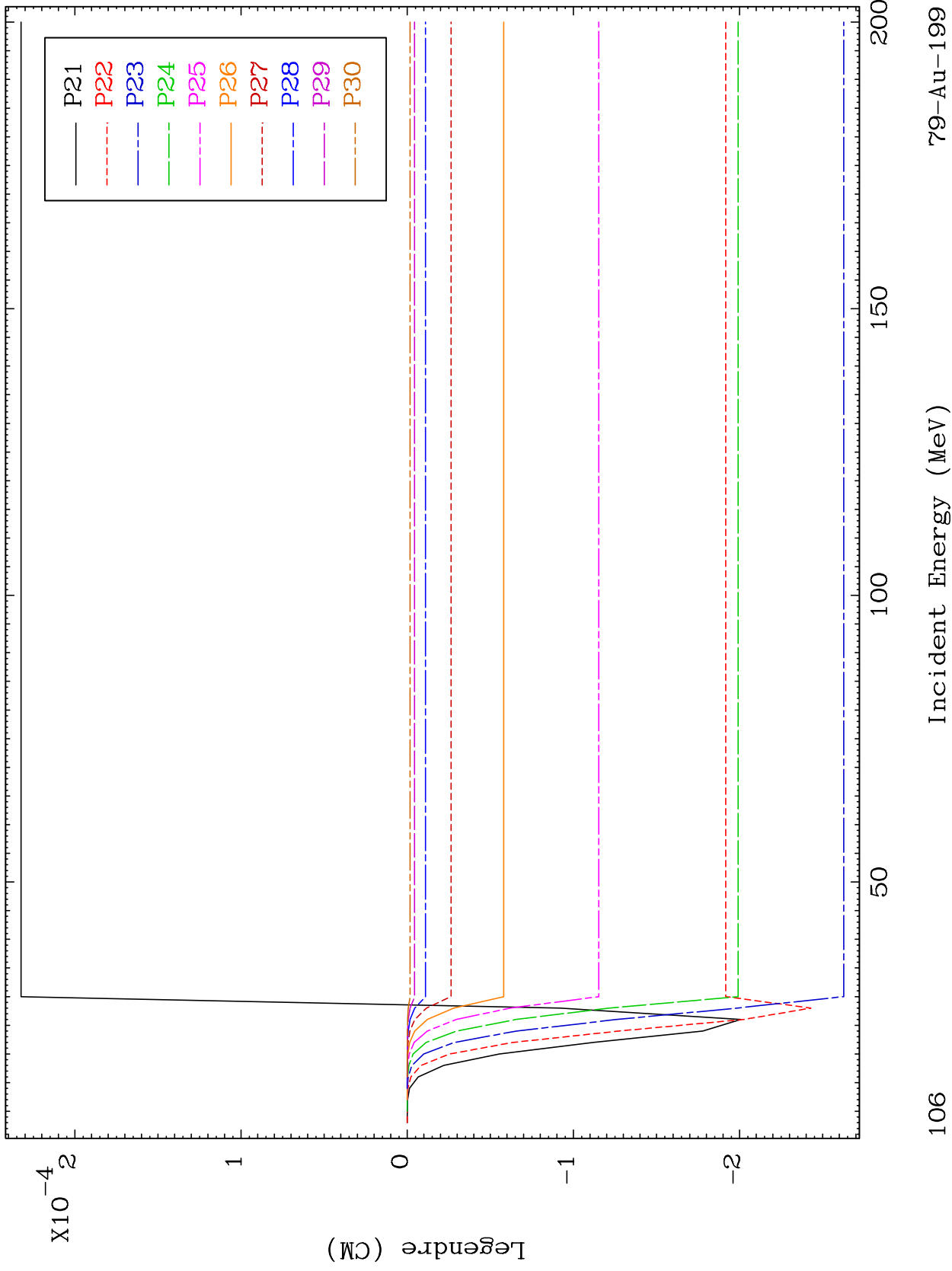
Incident Energy (MeV)

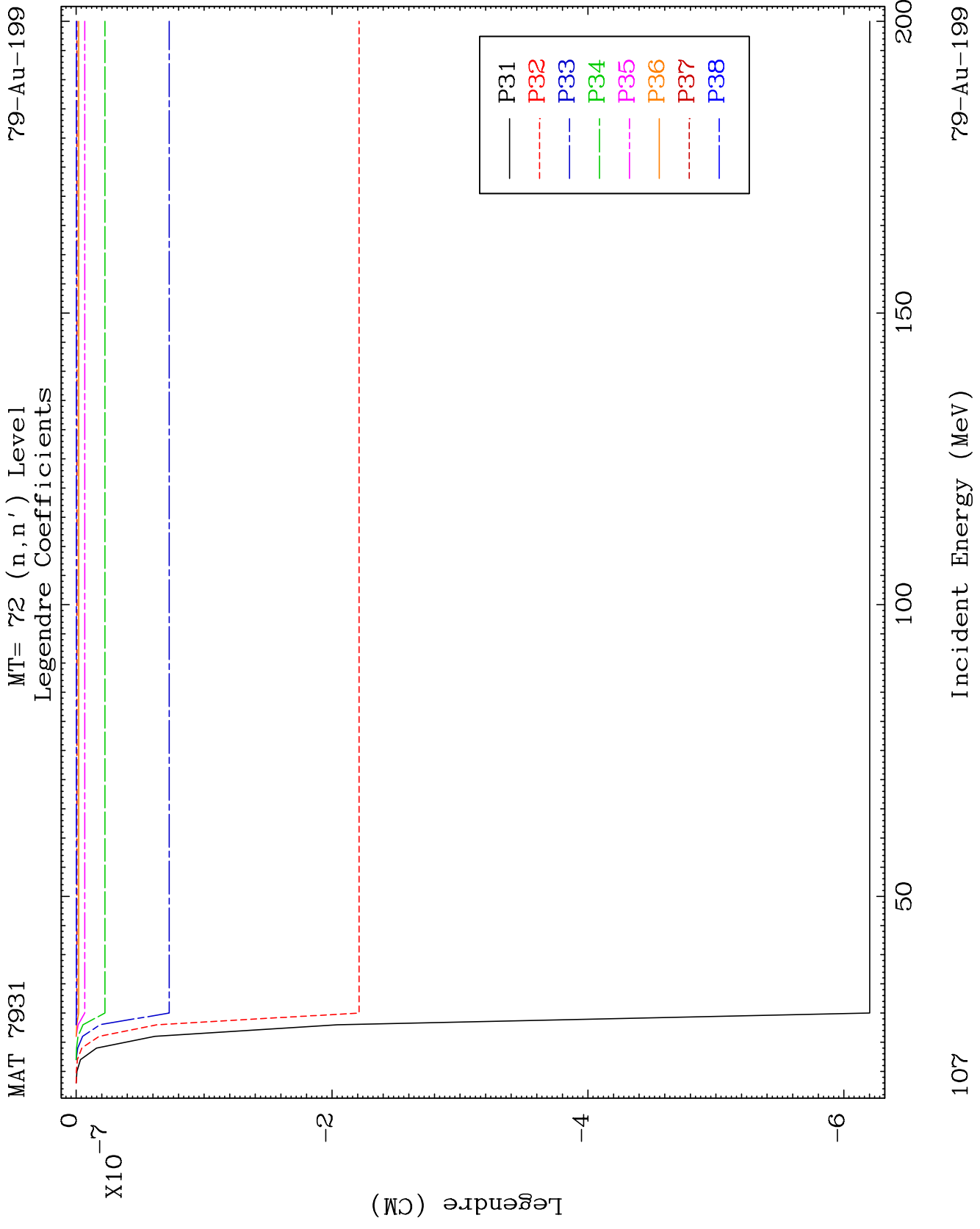
105

MAT 7931

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

79-Au-199

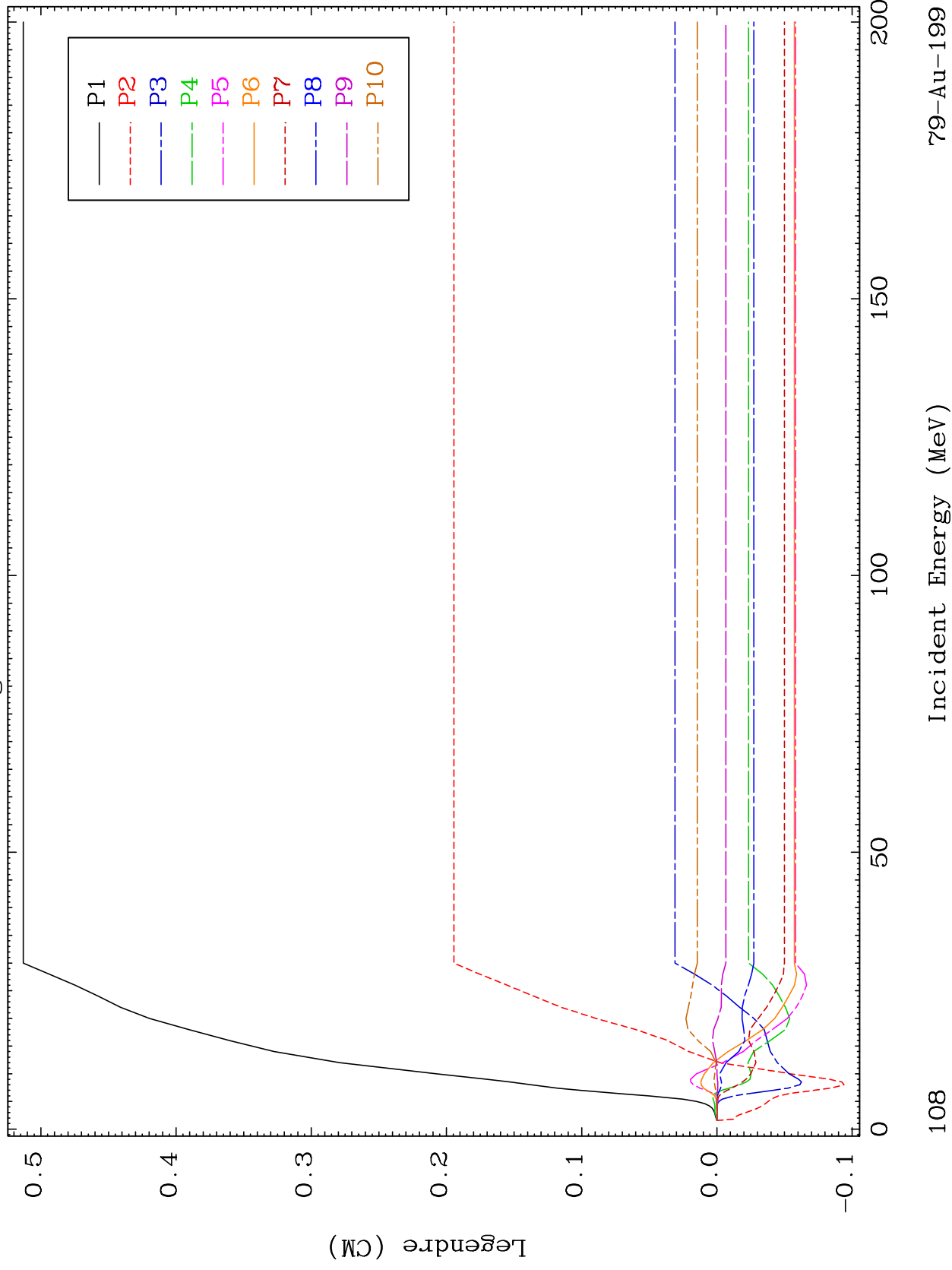




MAT 7931

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

79-Au-199



79-Au-199

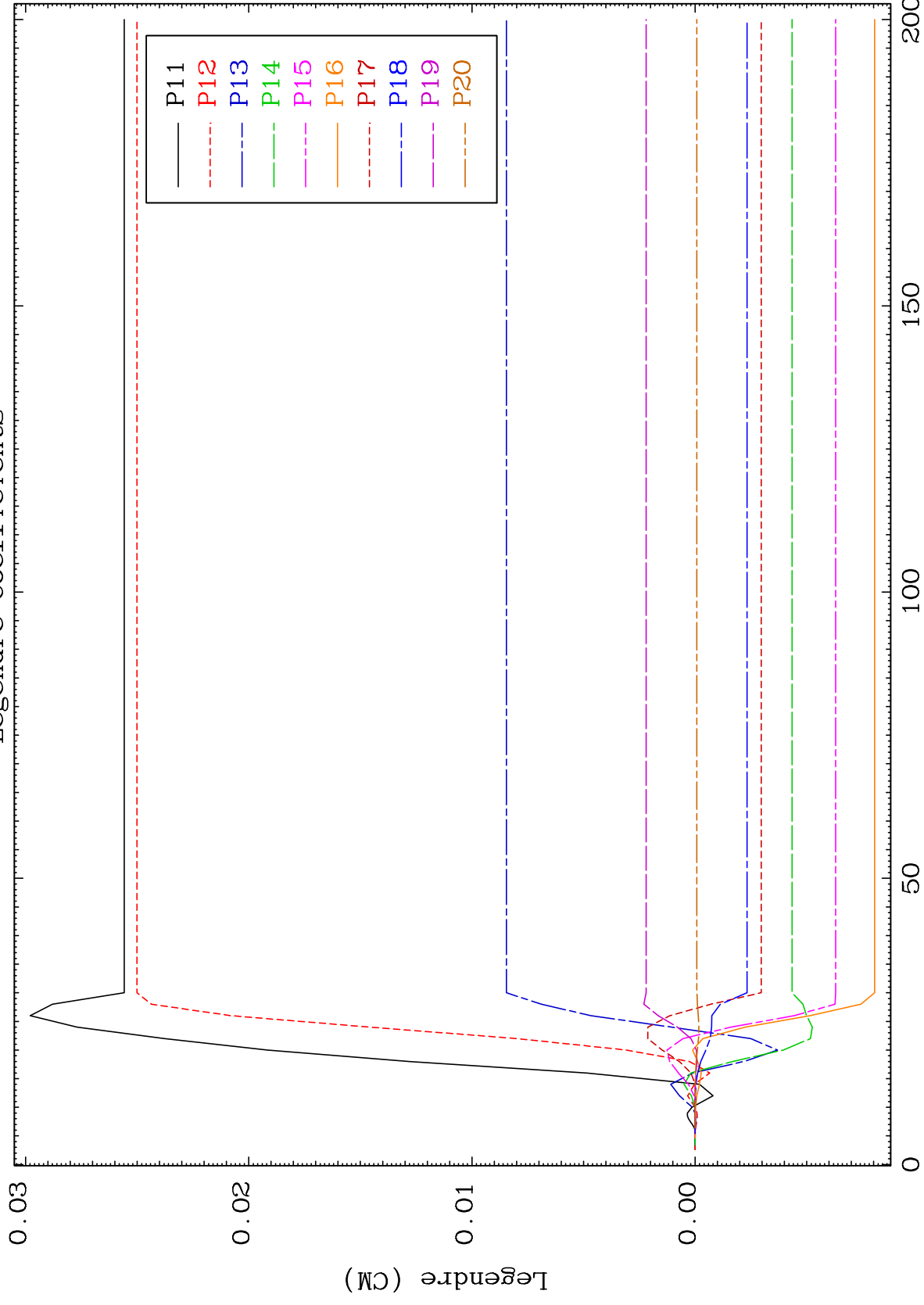
Incident Energy (MeV)

108

MAT 7931

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

79-Au-199



109

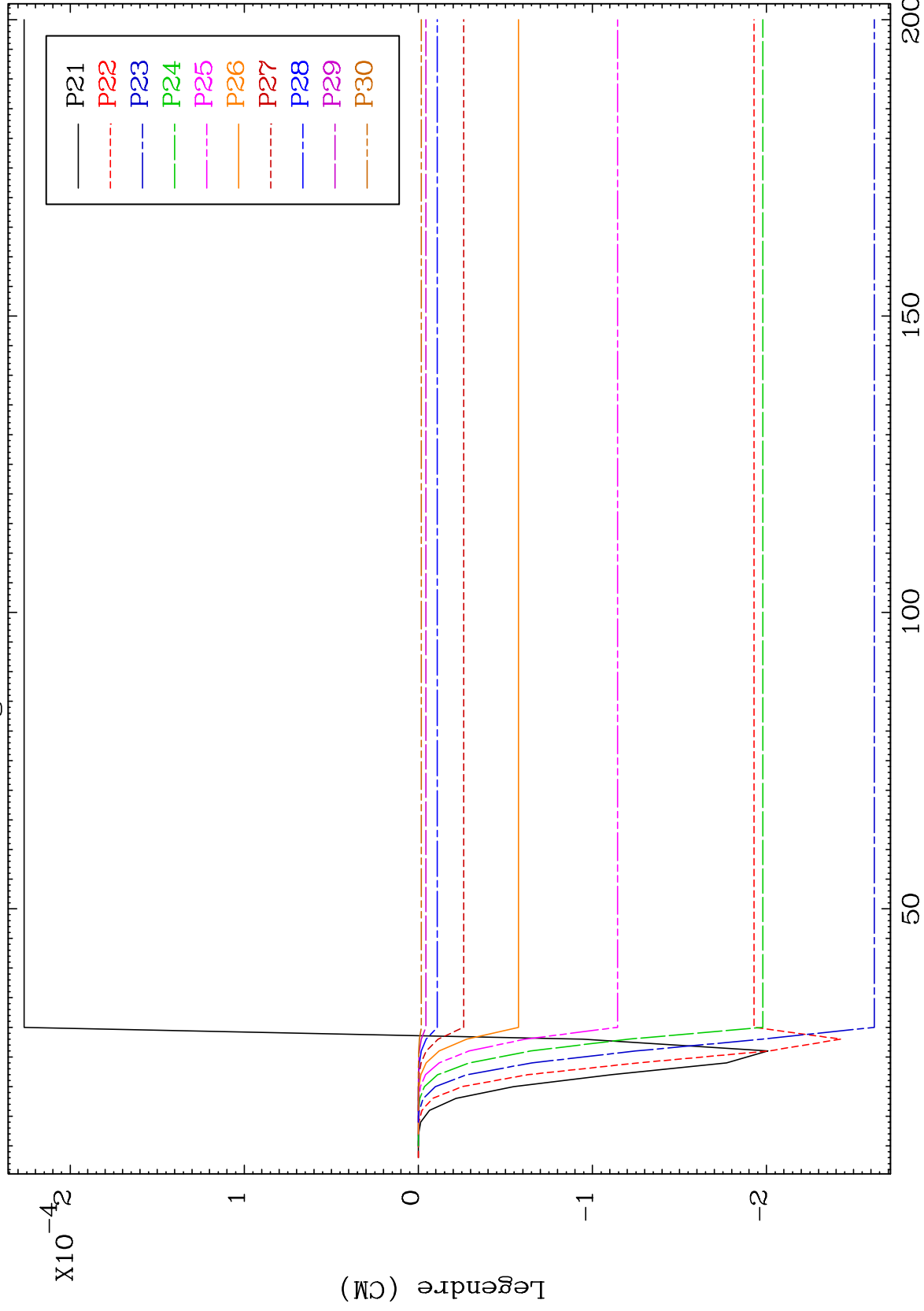
Incident Energy (MeV)

79-Au-199

MAT 7931

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

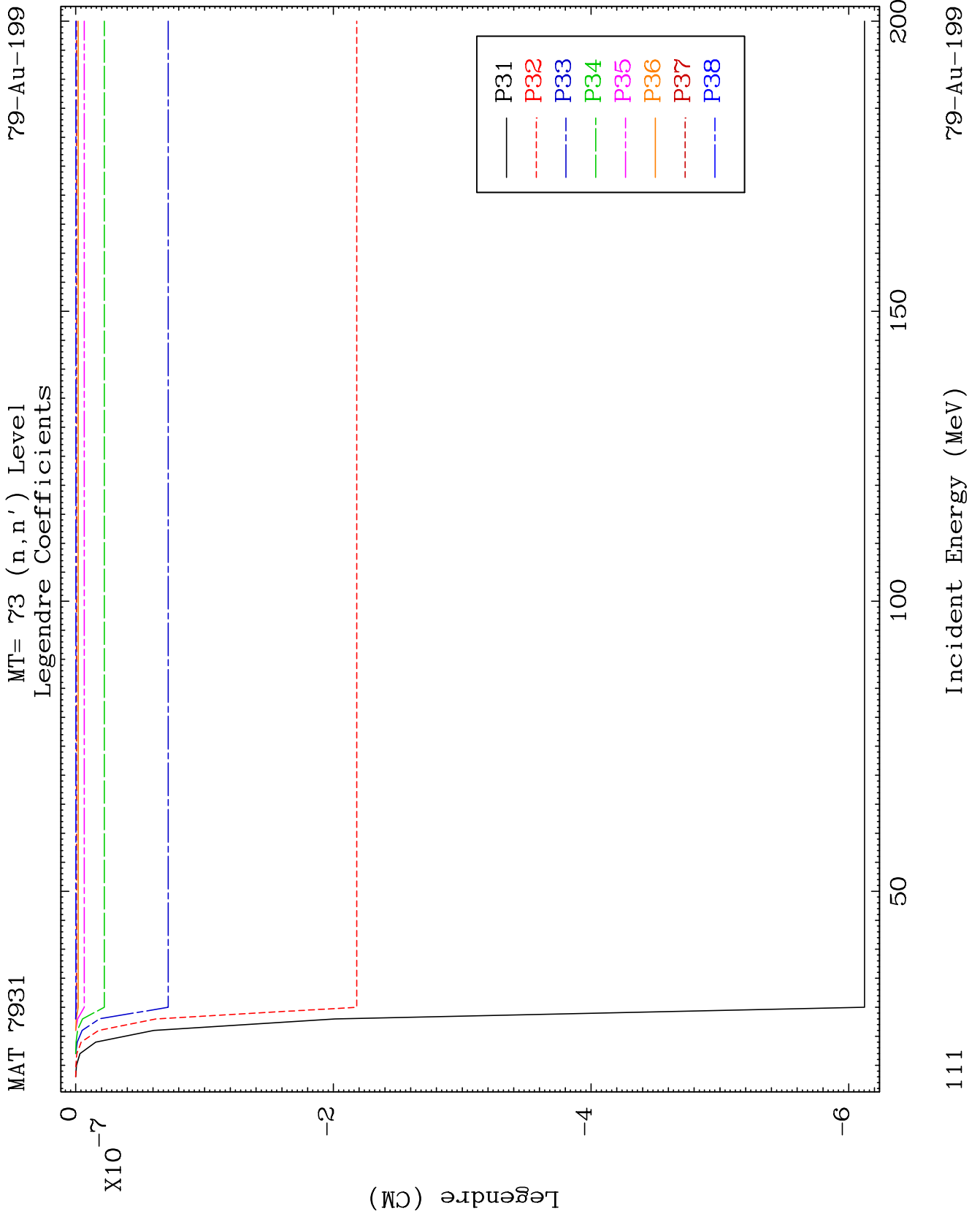
79-Au-199



110

Incident Energy (MeV)

79-Au-199

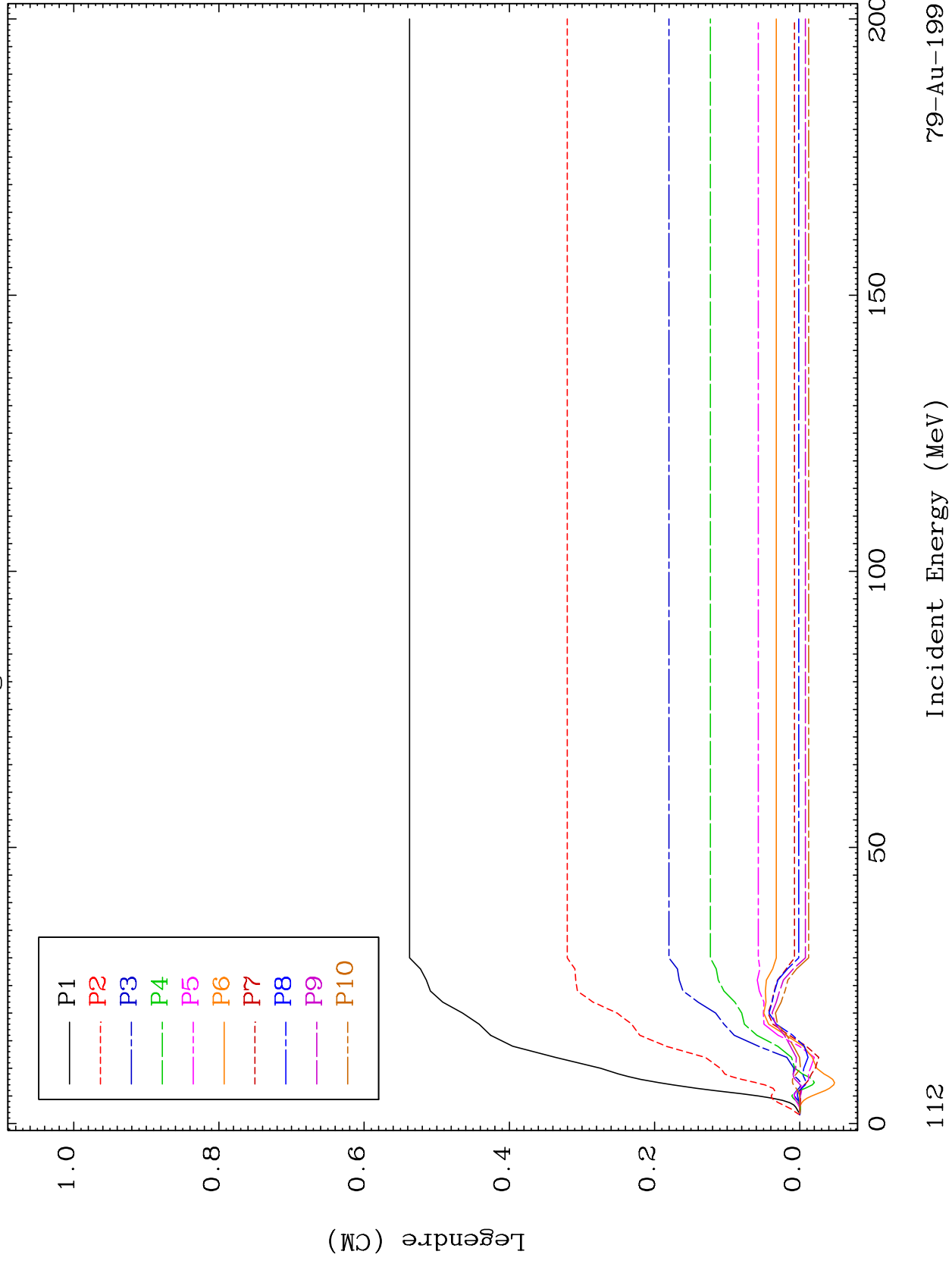




MAT 7931

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

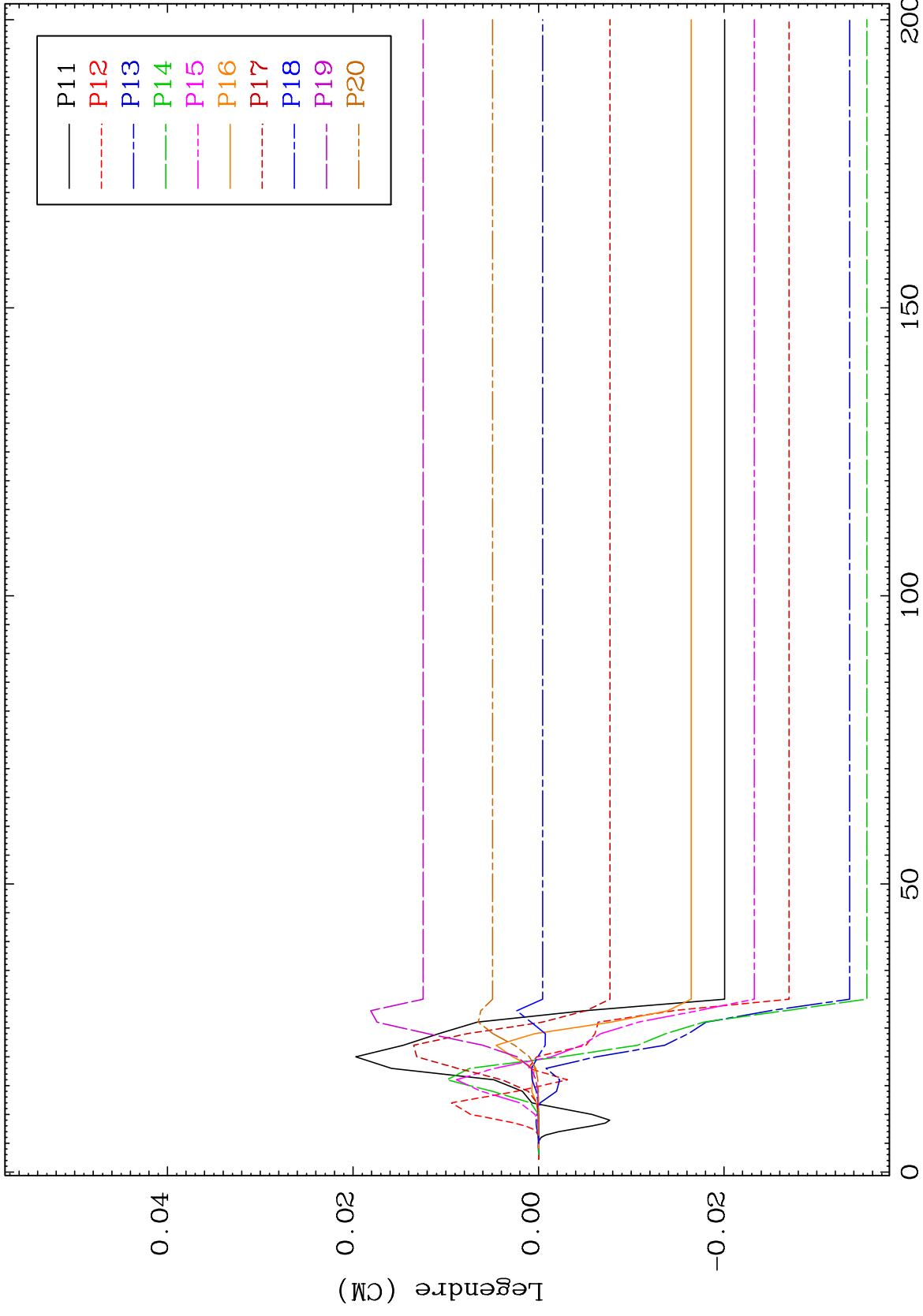
79-Au-199



MAT 7931

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

79-Au-199



113

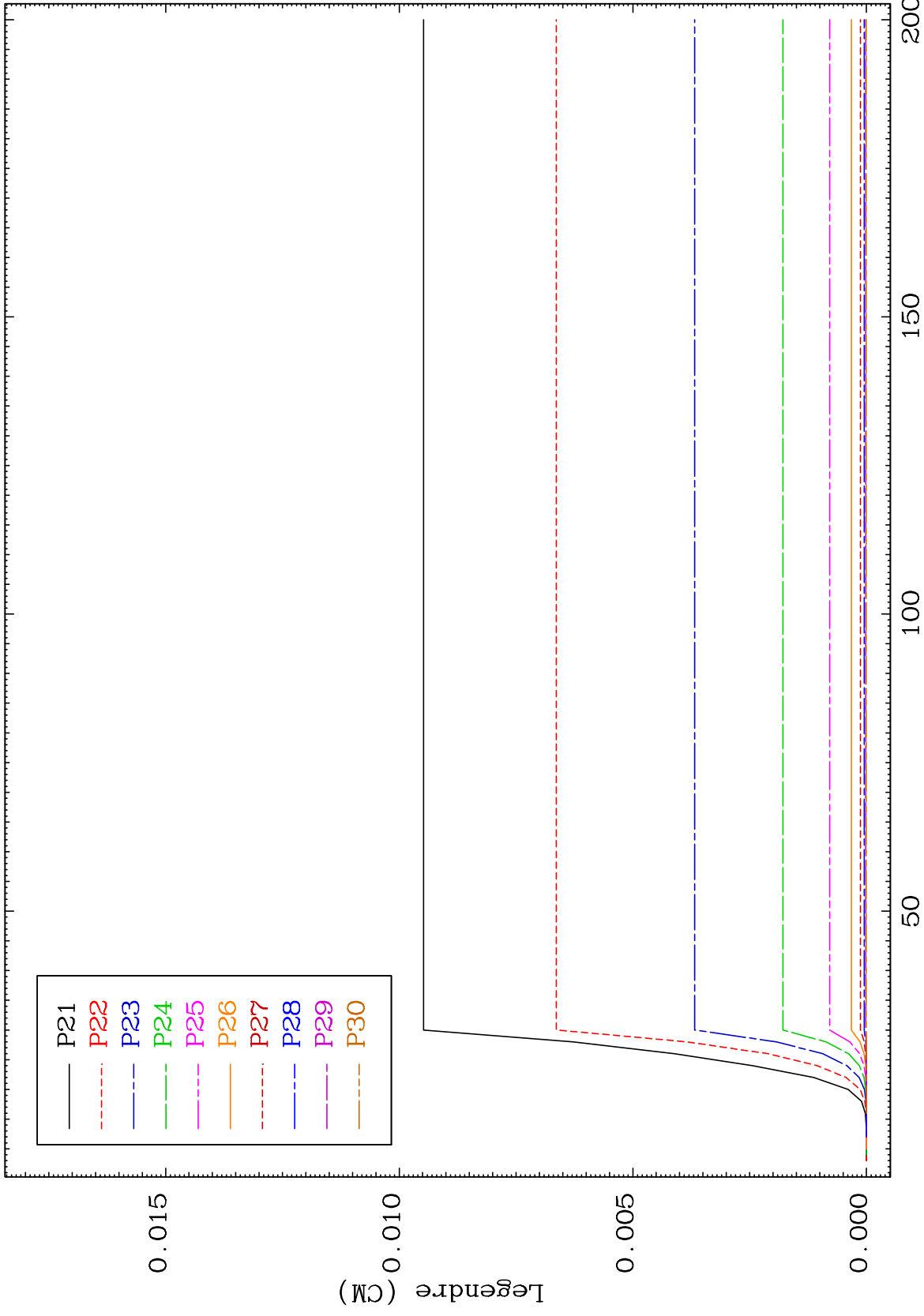
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



114

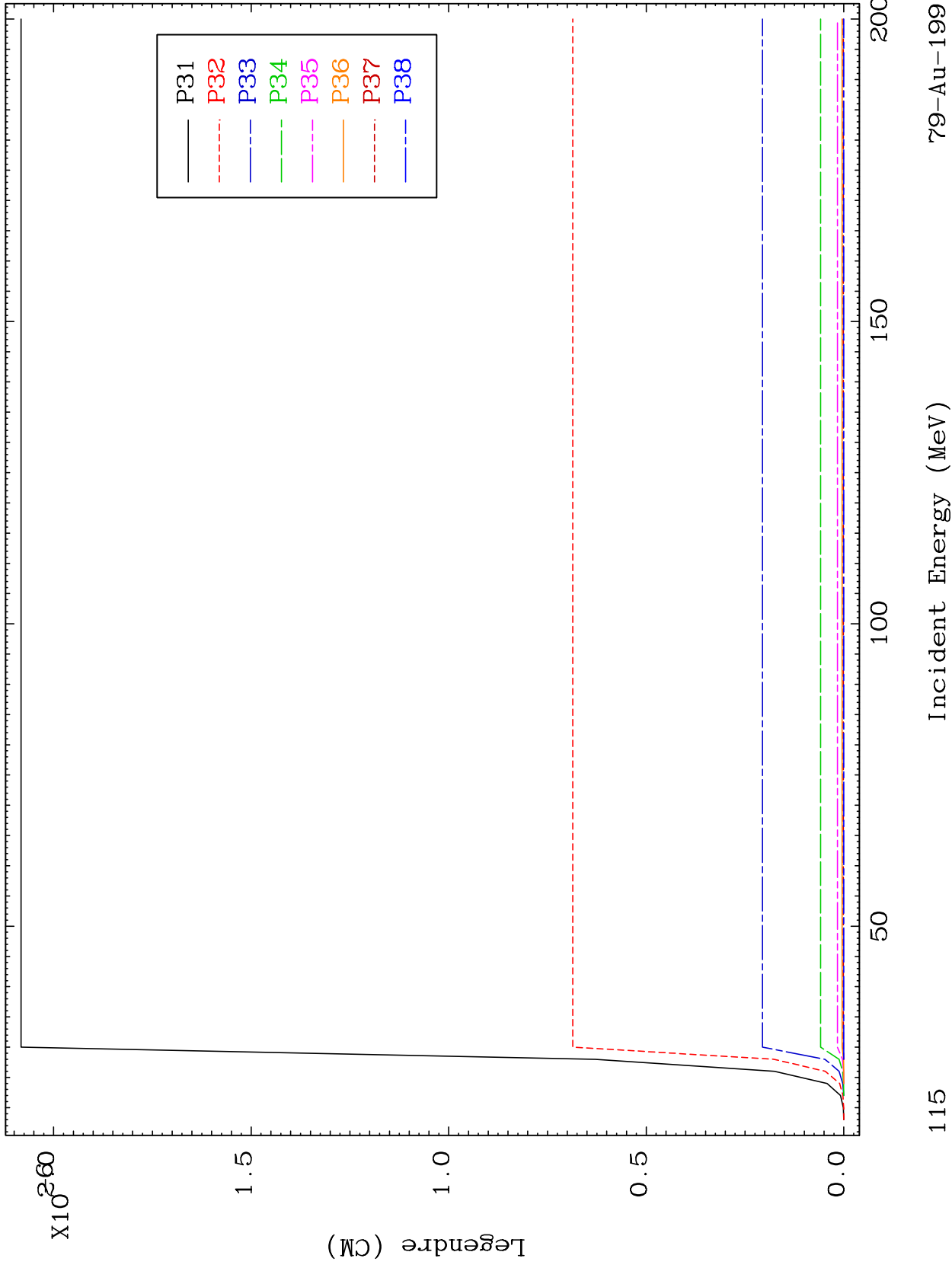
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



79-Au-199

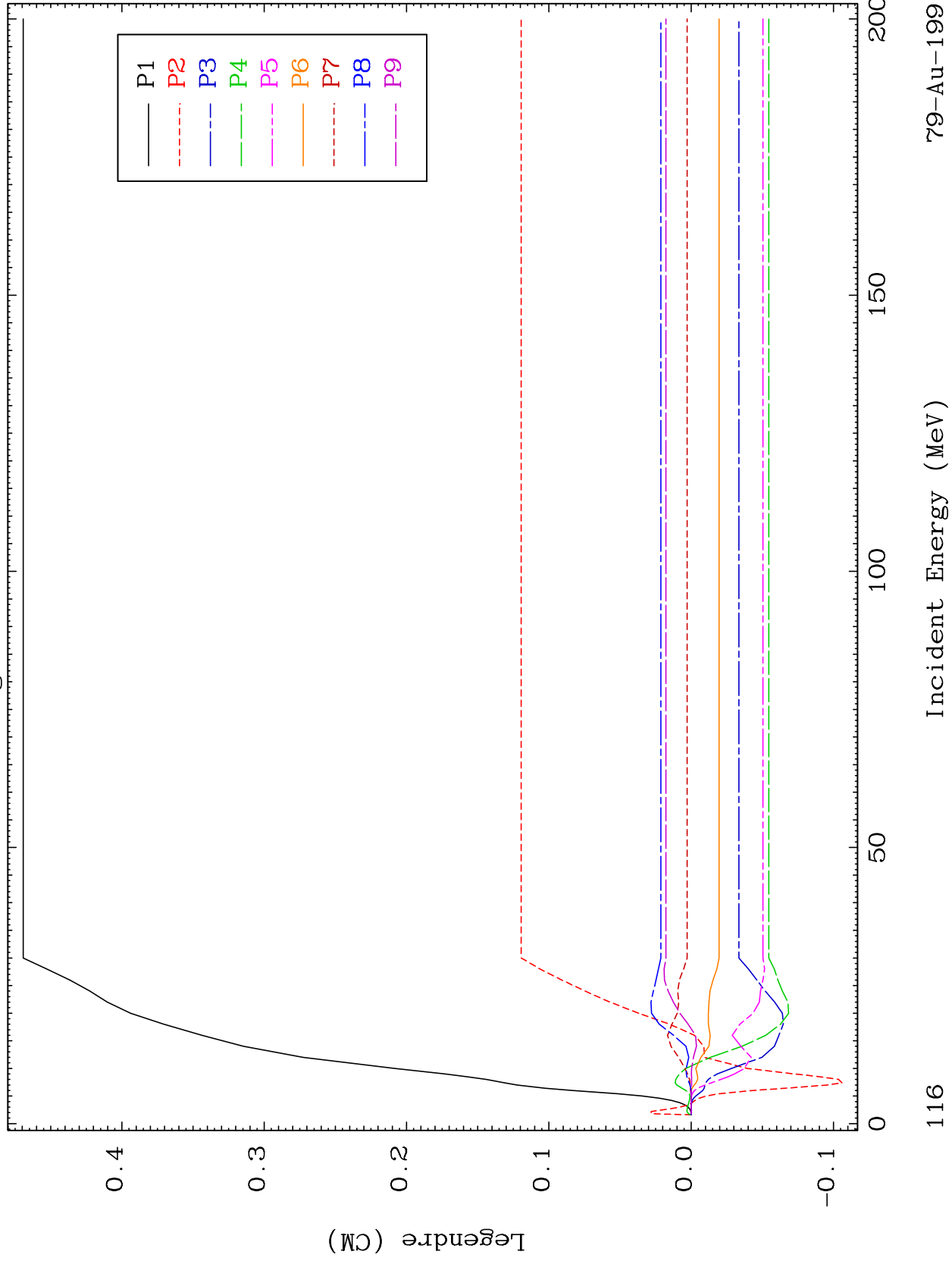
Incident Energy (MeV)

115

MAT 7931

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

79-Au-199



79-Au-199

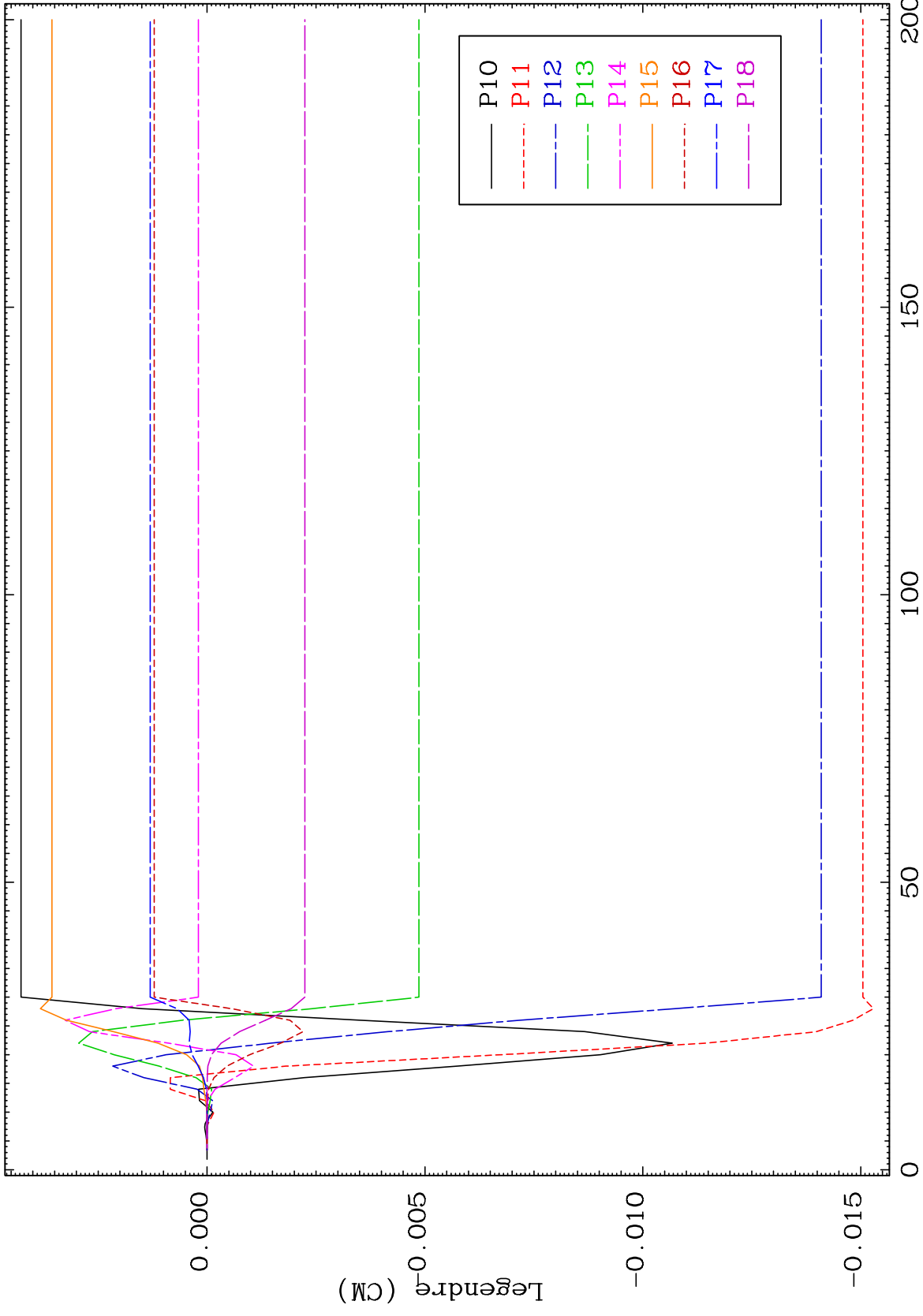
Incident Energy (MeV)

116

MAT 7931

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

79-Au-199



117

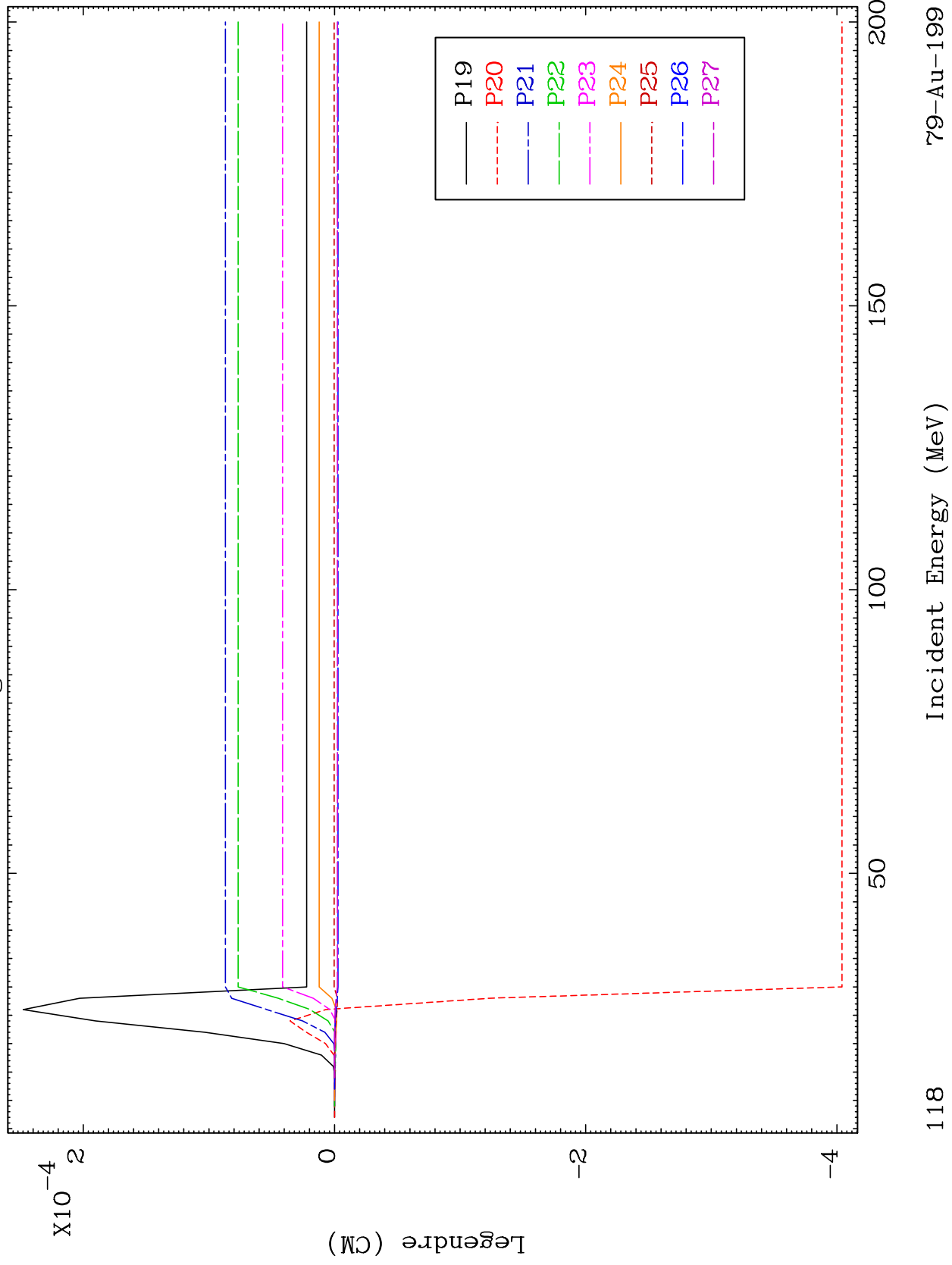
Incident Energy (MeV)

79-Au-199

MAT 7931

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

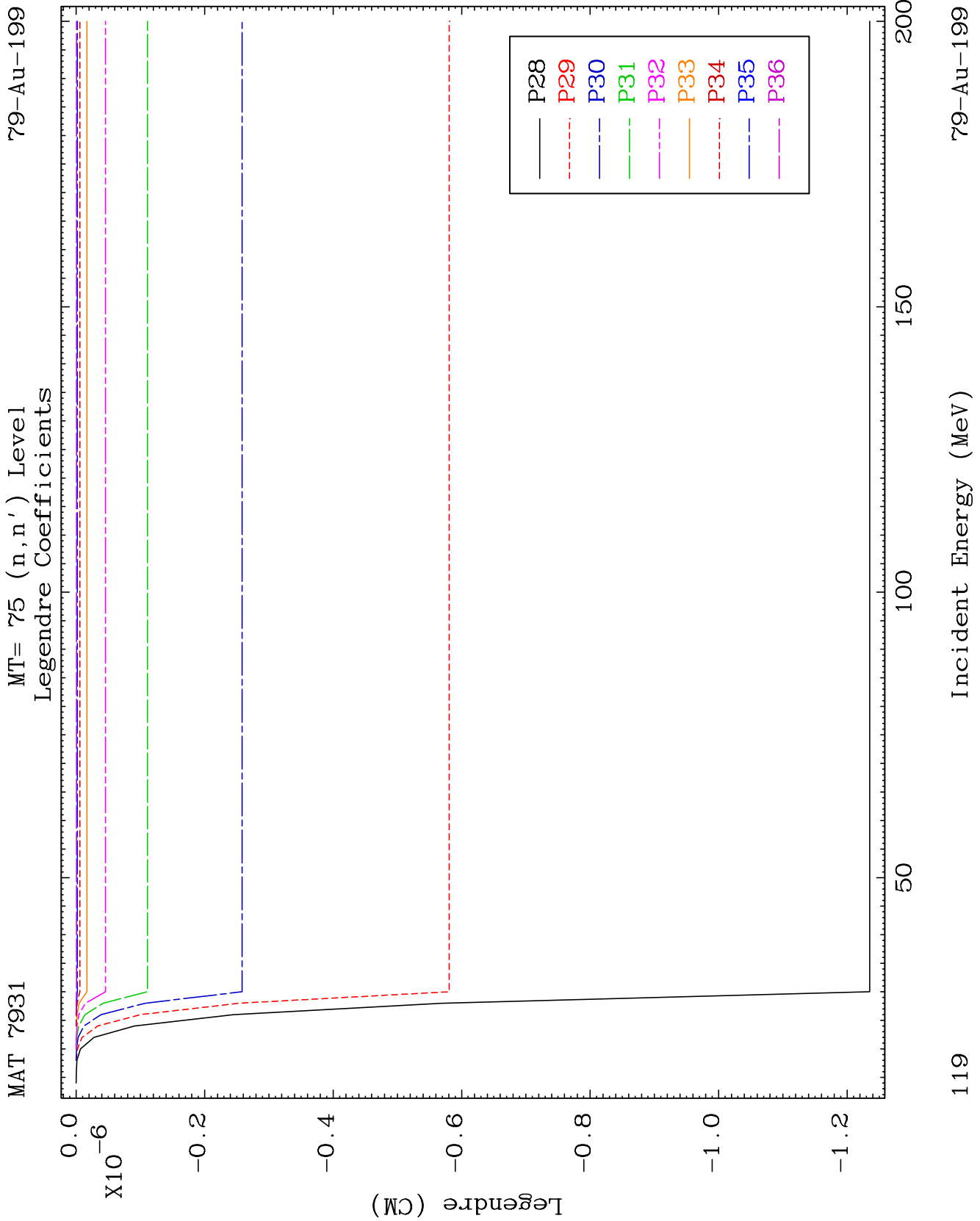
79-Au-199



118

Incident Energy (MeV)

79-Au-199



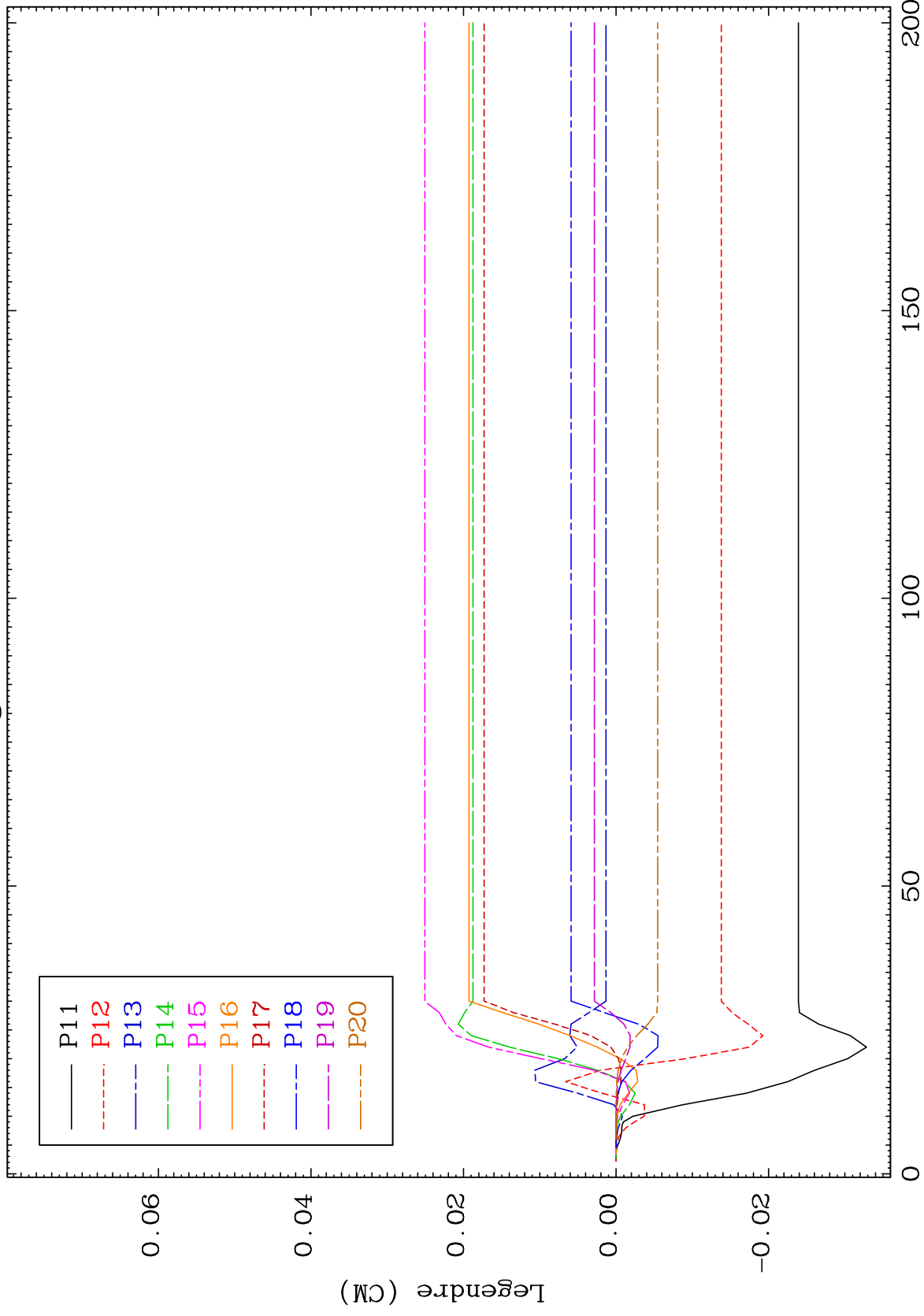




MAT 7931

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

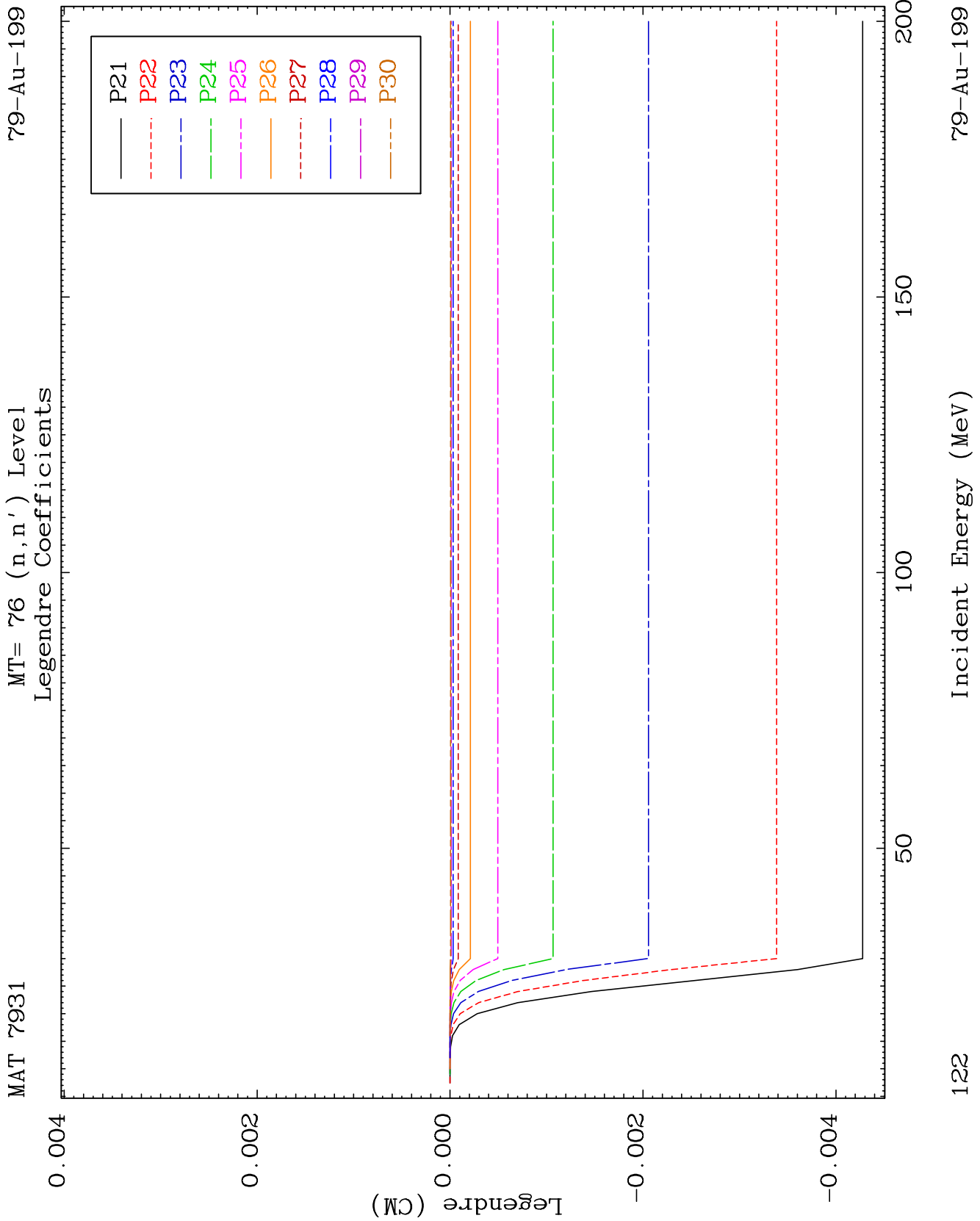
79-Au-199

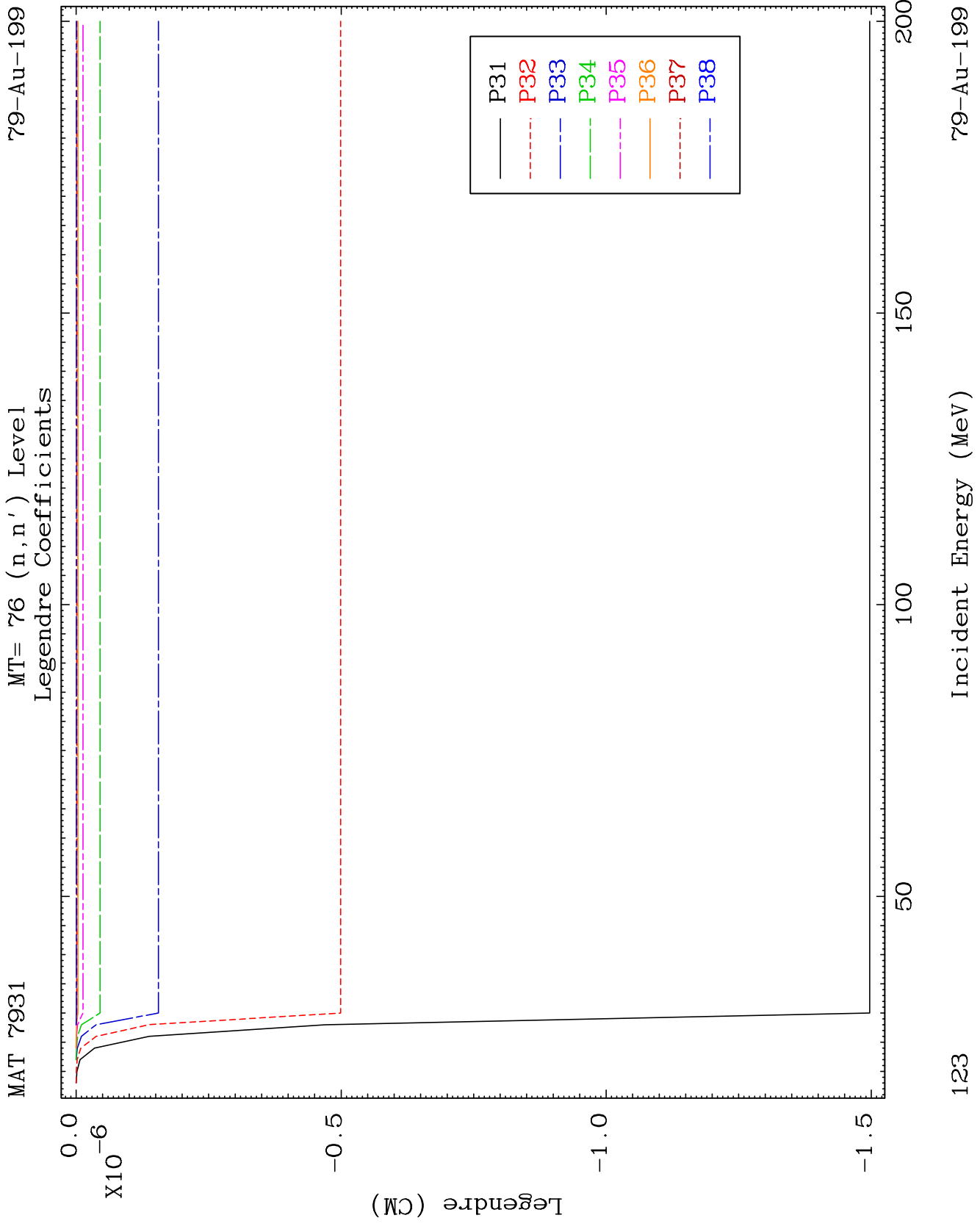


121

Incident Energy (MeV)

79-Au-199

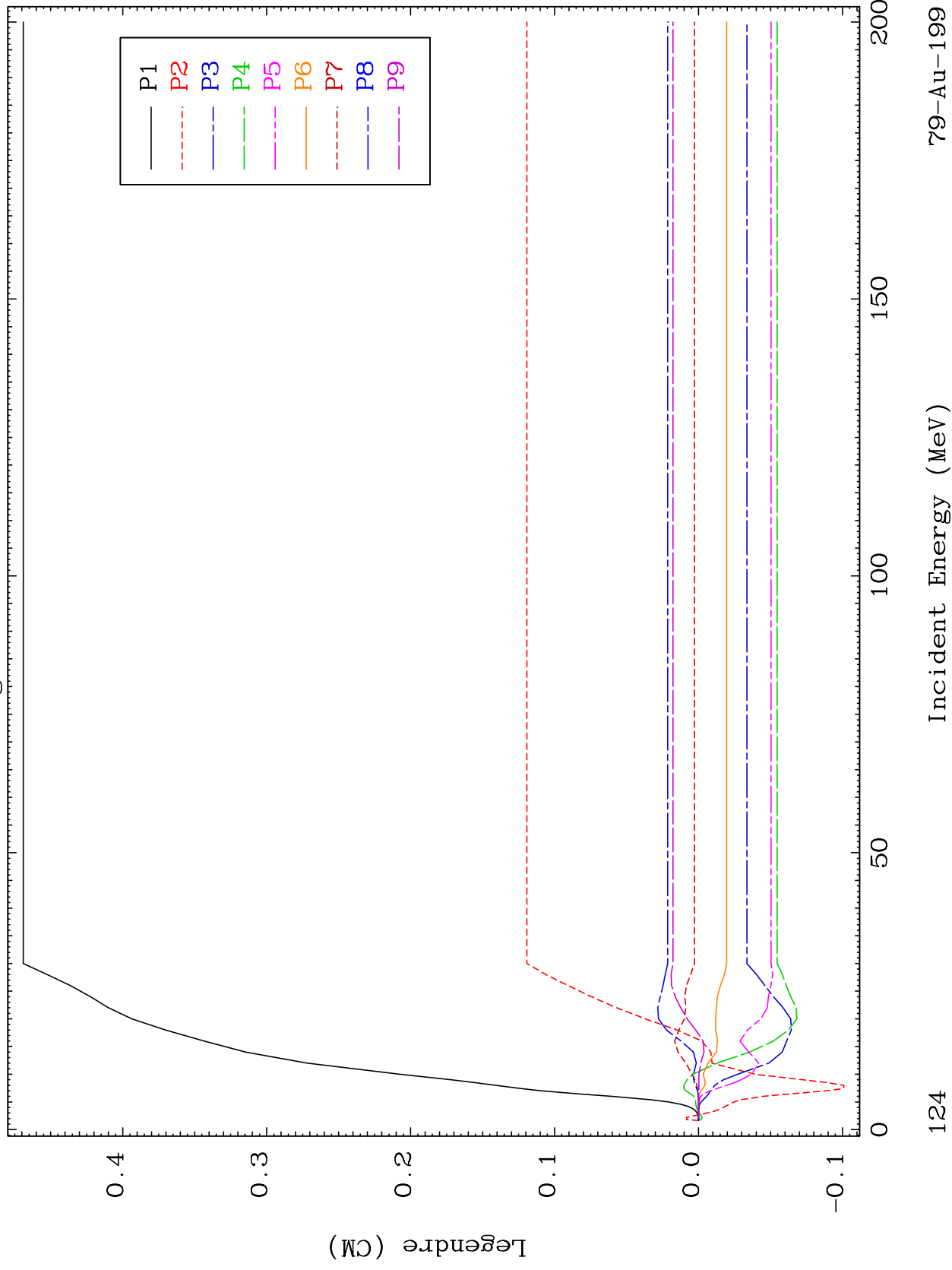




MAT 7931

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

79-Au-199



79-Au-199

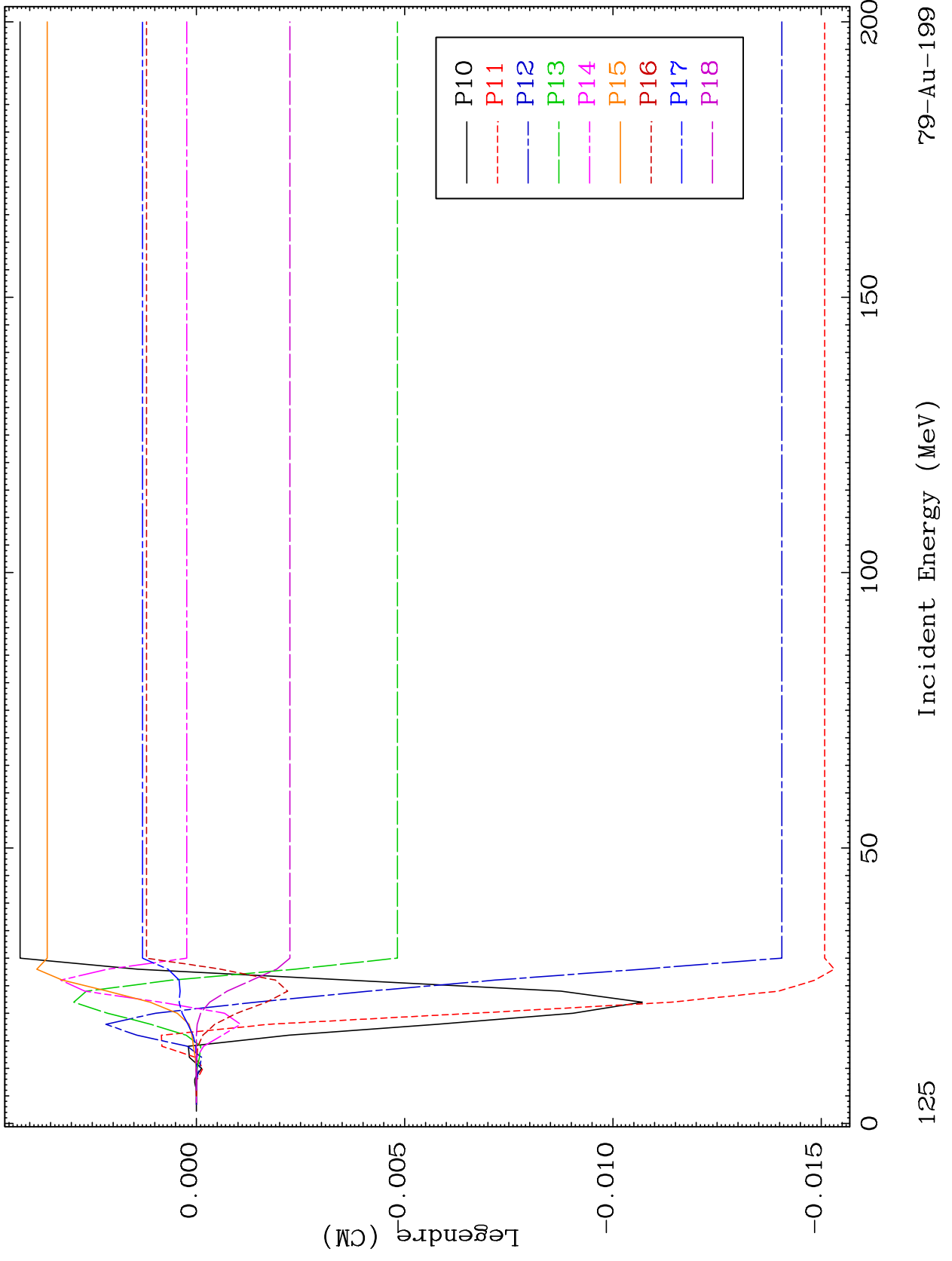
Incident Energy (MeV)

124

MAT 7931

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

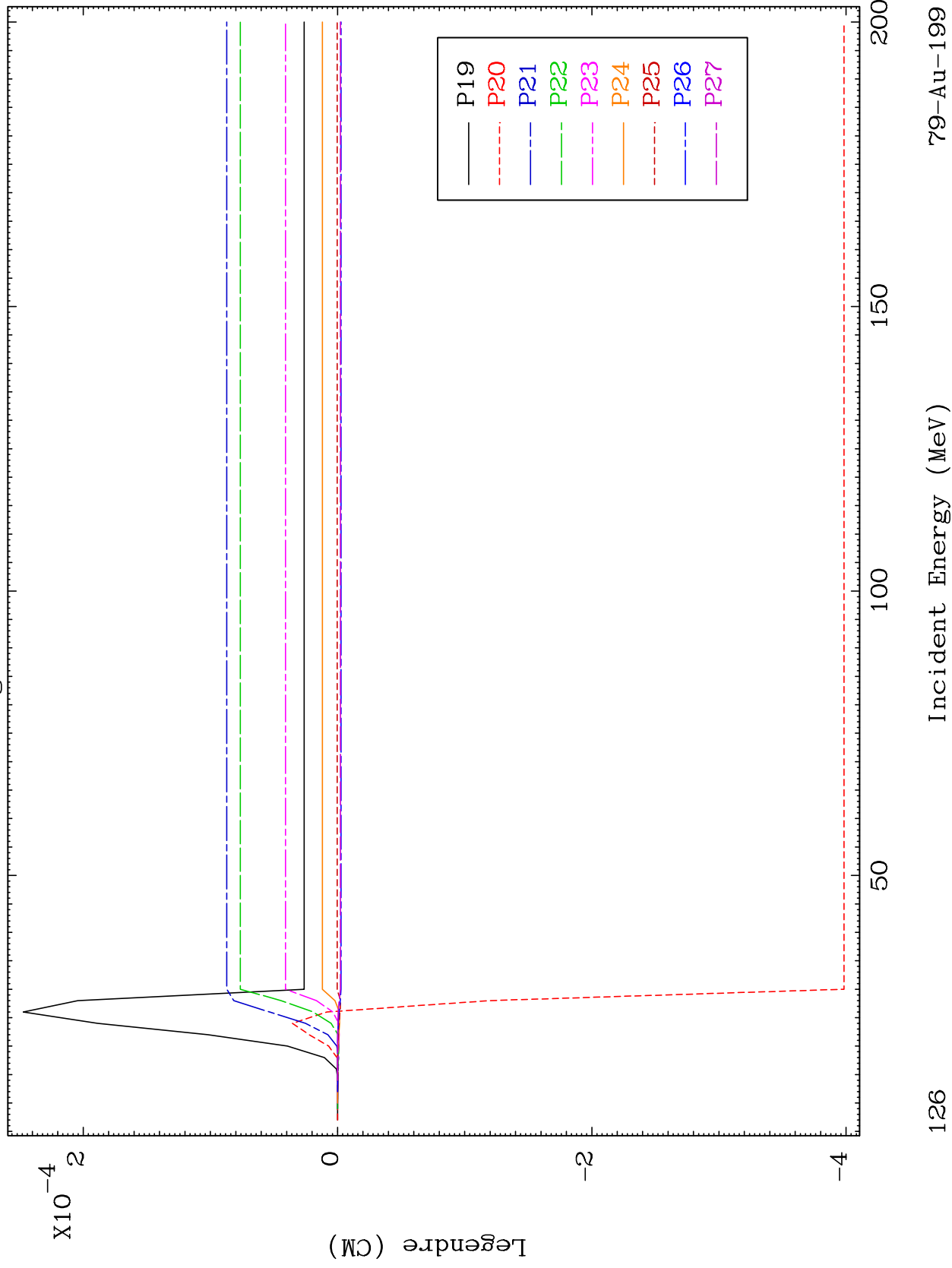
79-Au-199

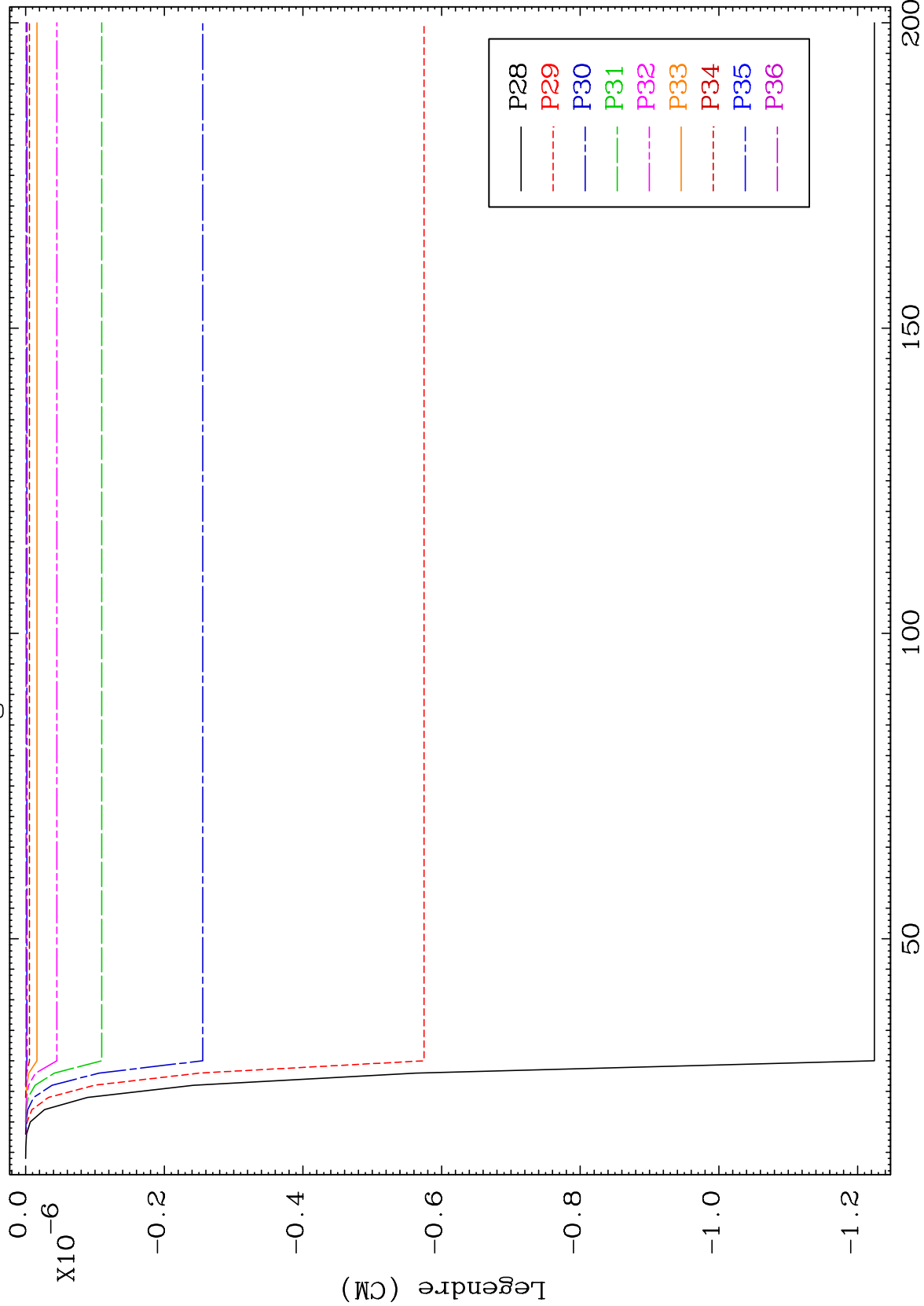


125

Incident Energy (MeV)

79-Au-199



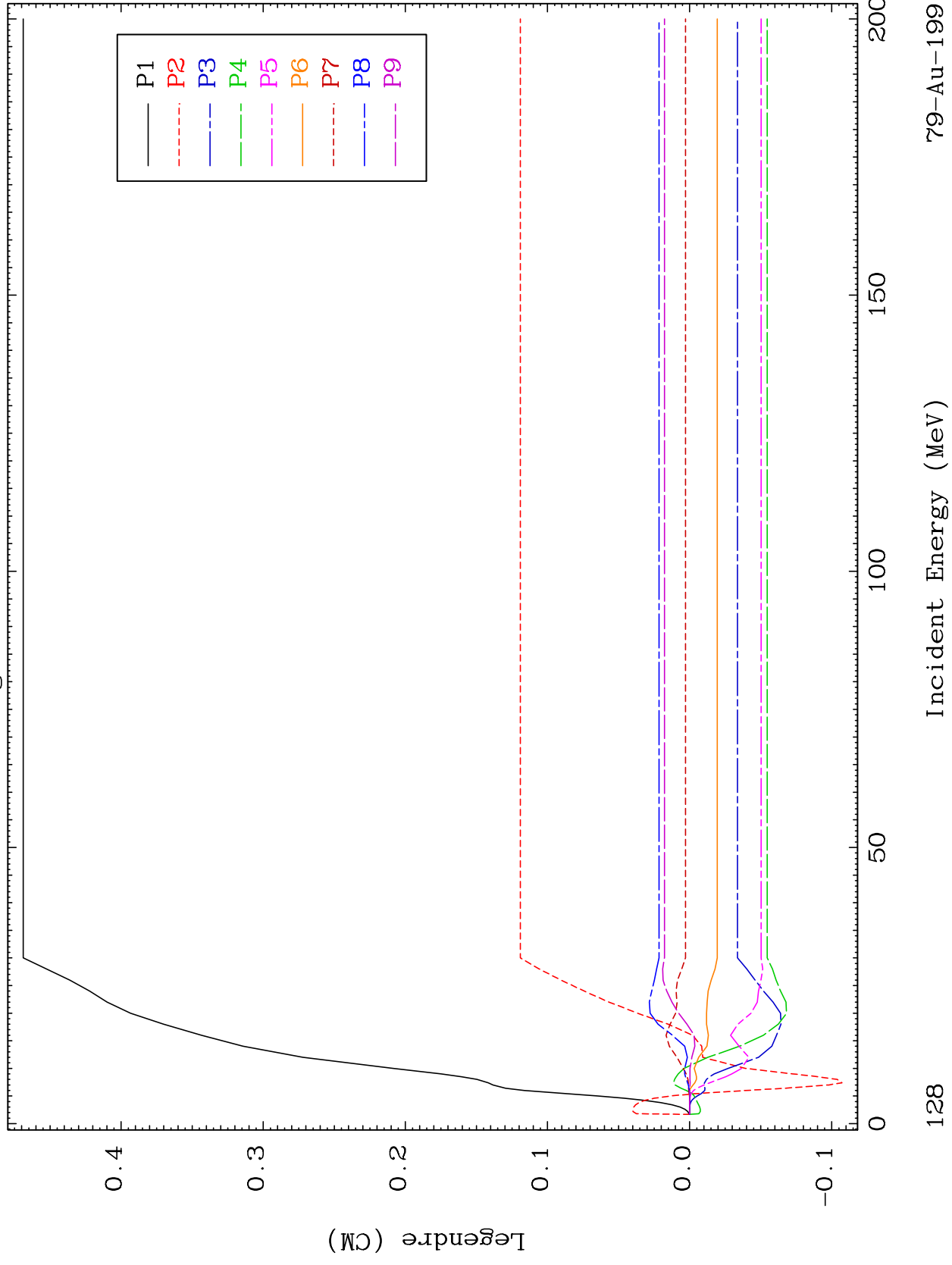




MAT 7931

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

79-Au-199



79-Au-199

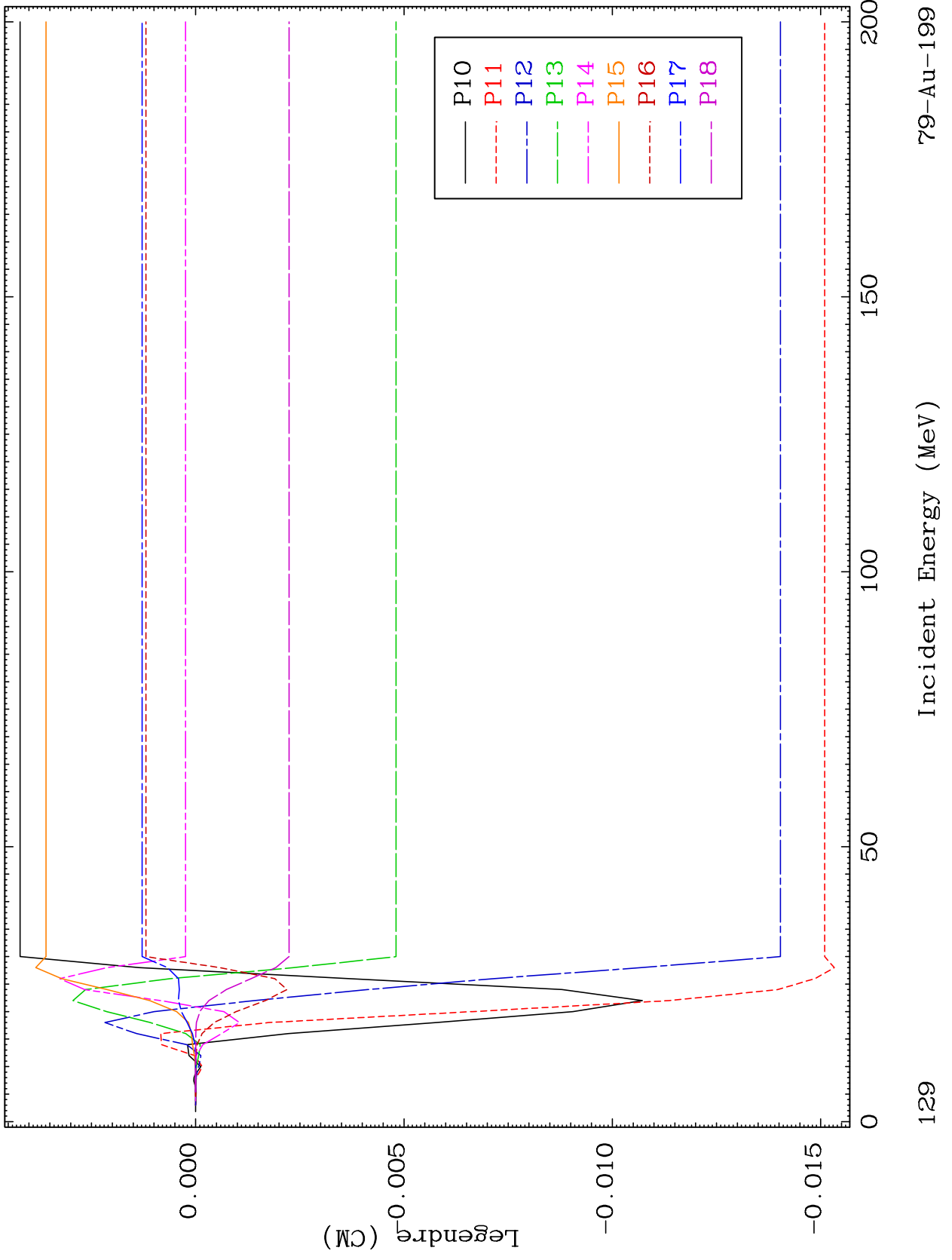
Incident Energy (MeV)

128

MAT 7931

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

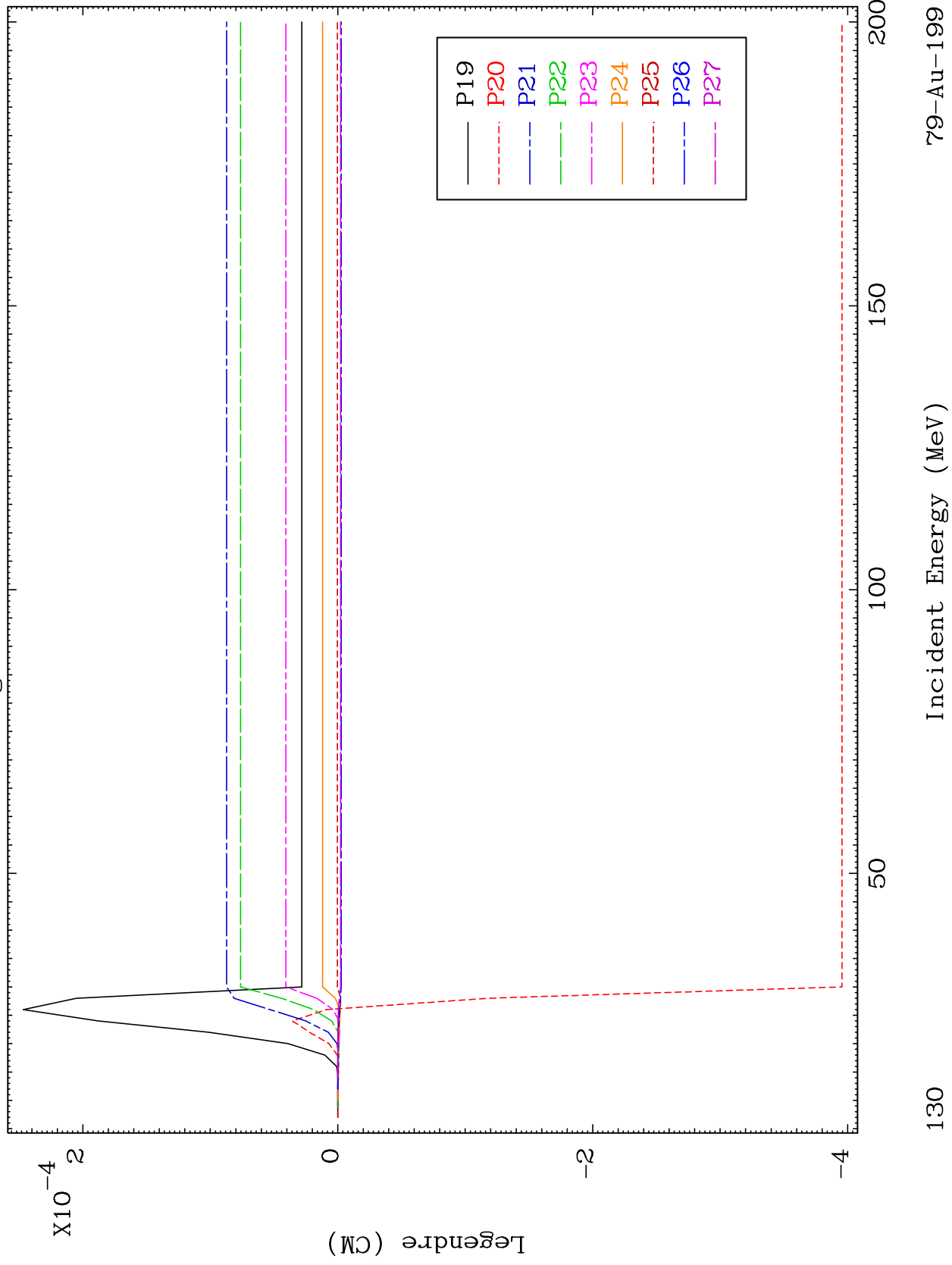
79-Au-199



MAT 7931

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

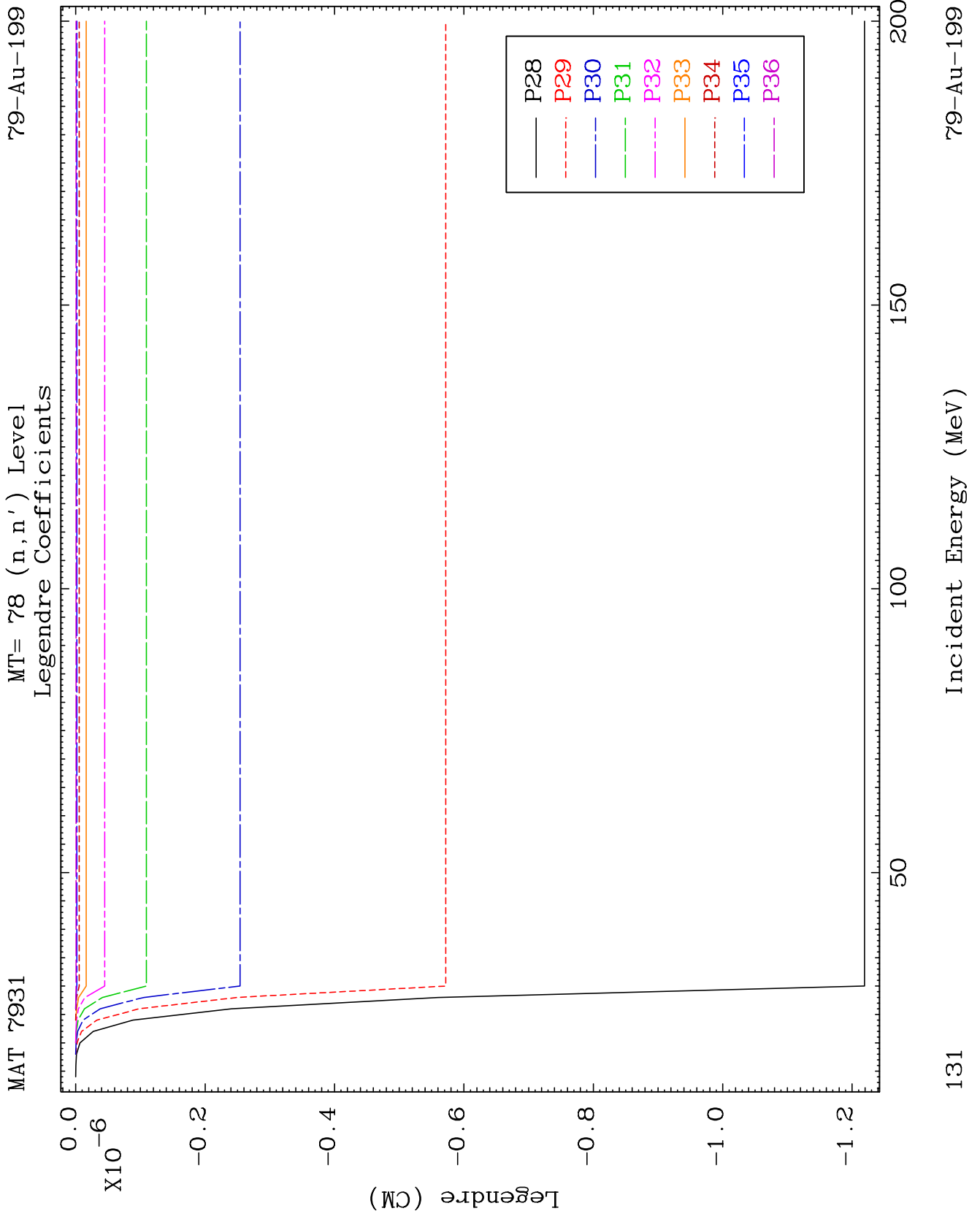
79-Au-199



130

Incident Energy (MeV)

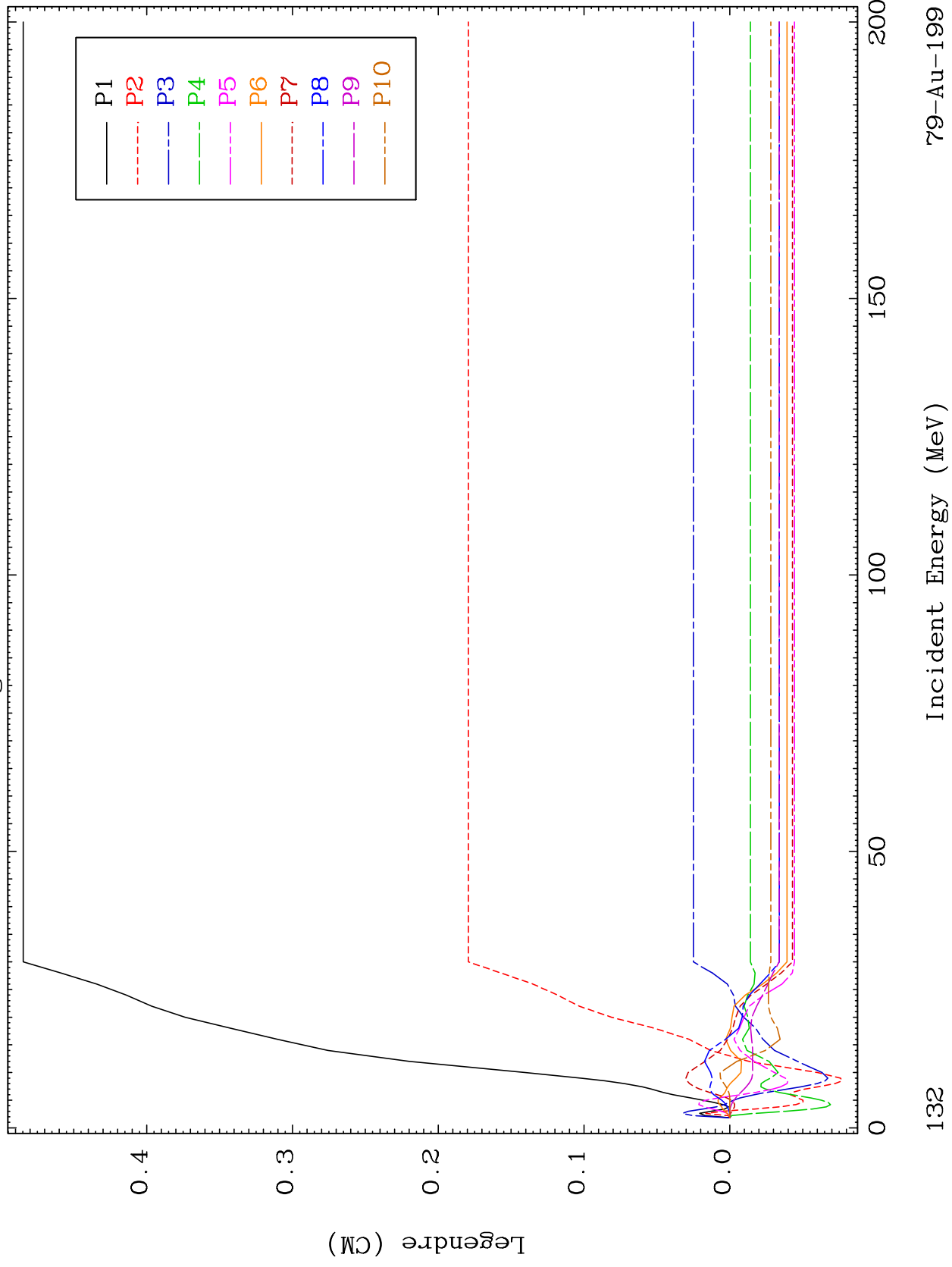
79-Au-199



MAT 7931

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

79-Au-199



132

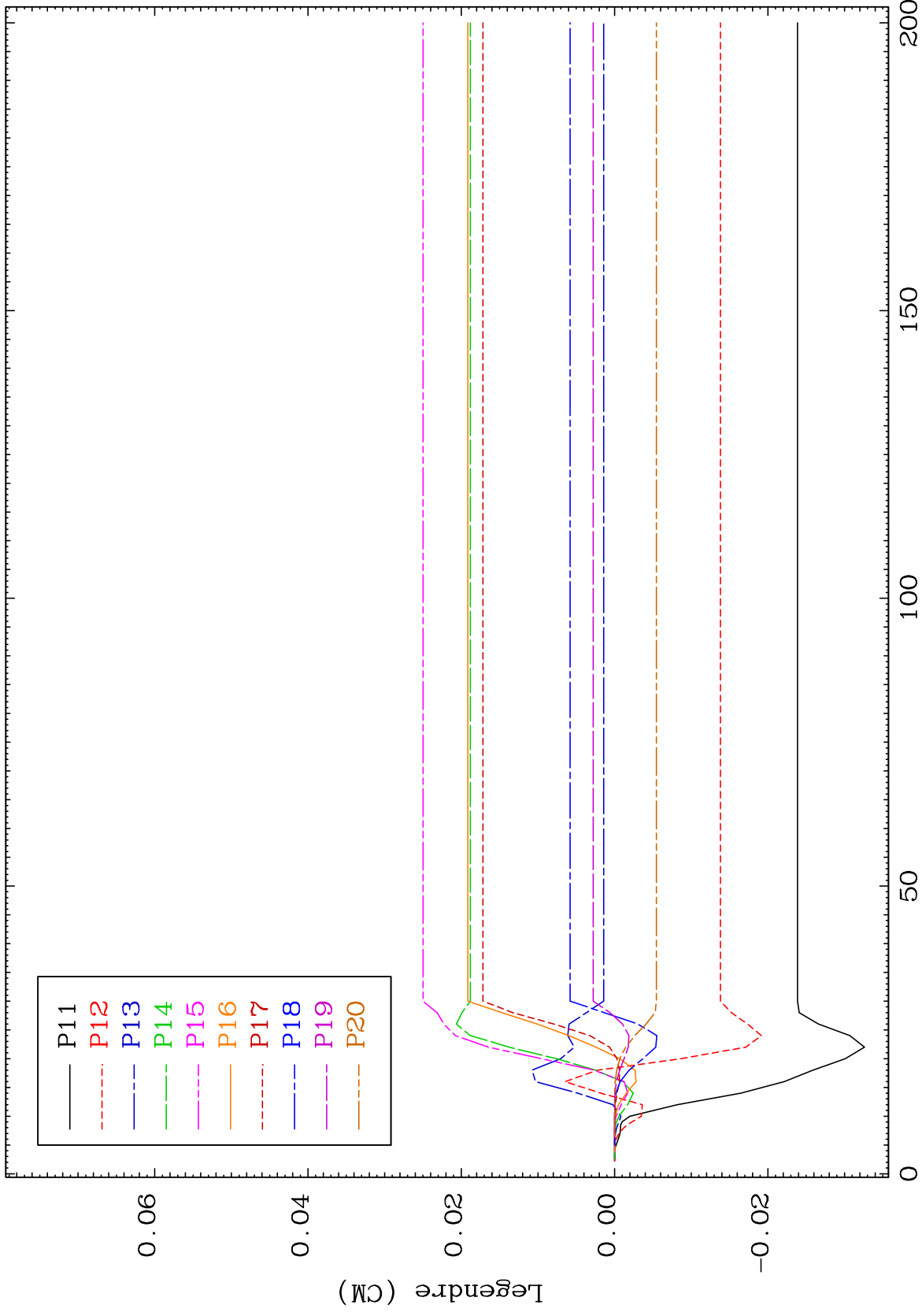
Incident Energy (MeV)

79-Au-199

MAT 7931

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

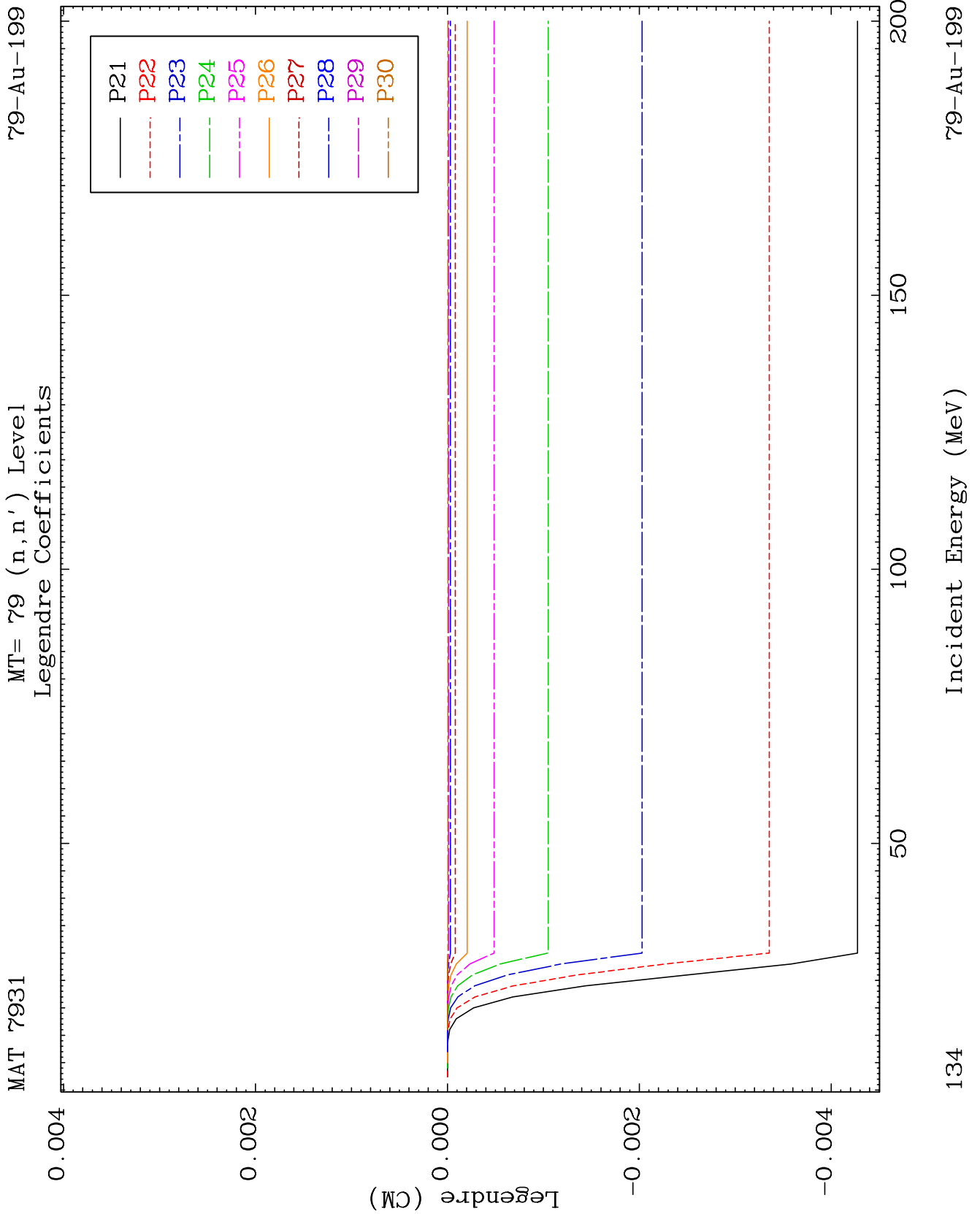
79-Au-199

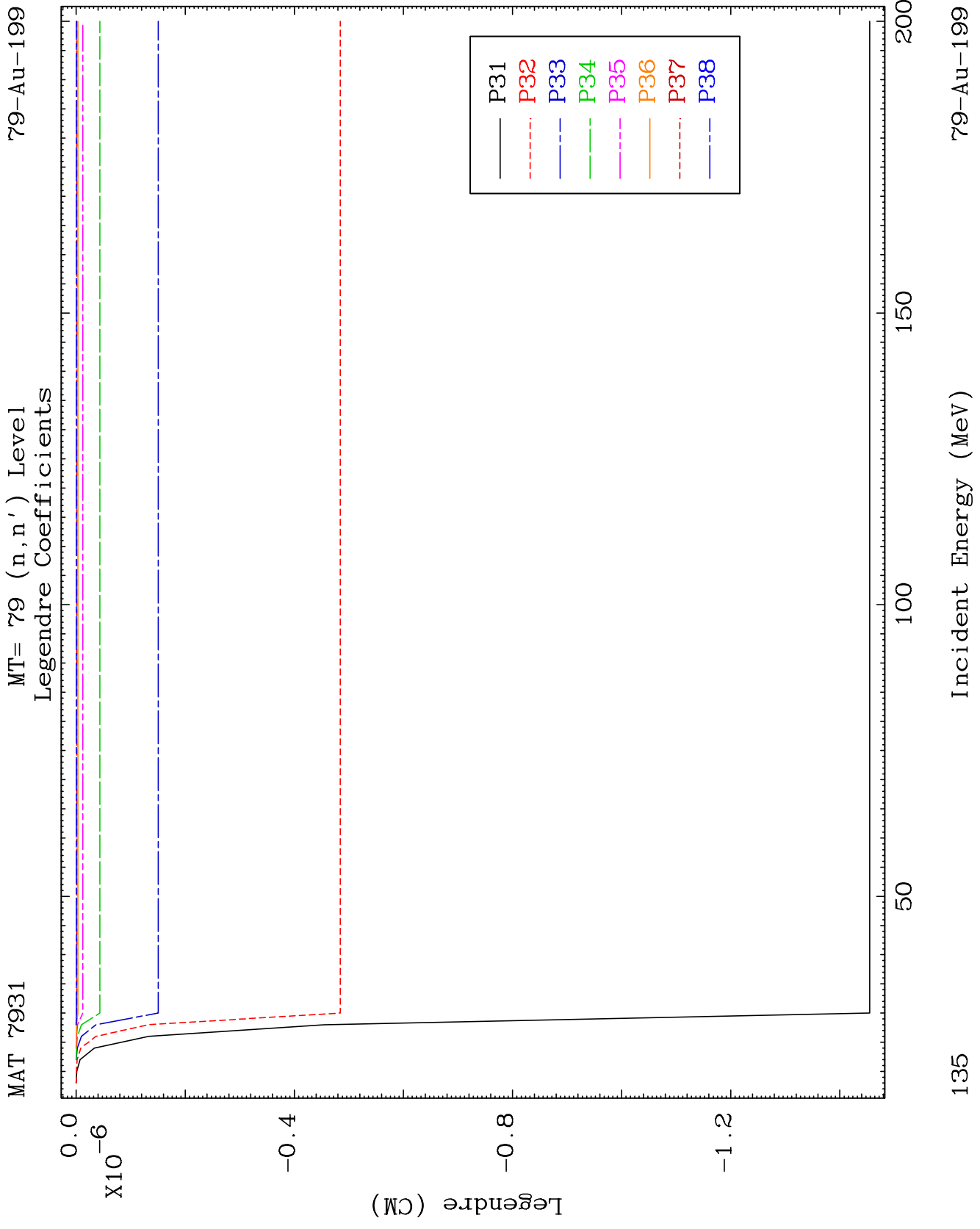


133

Incident Energy (MeV)

79-Au-199



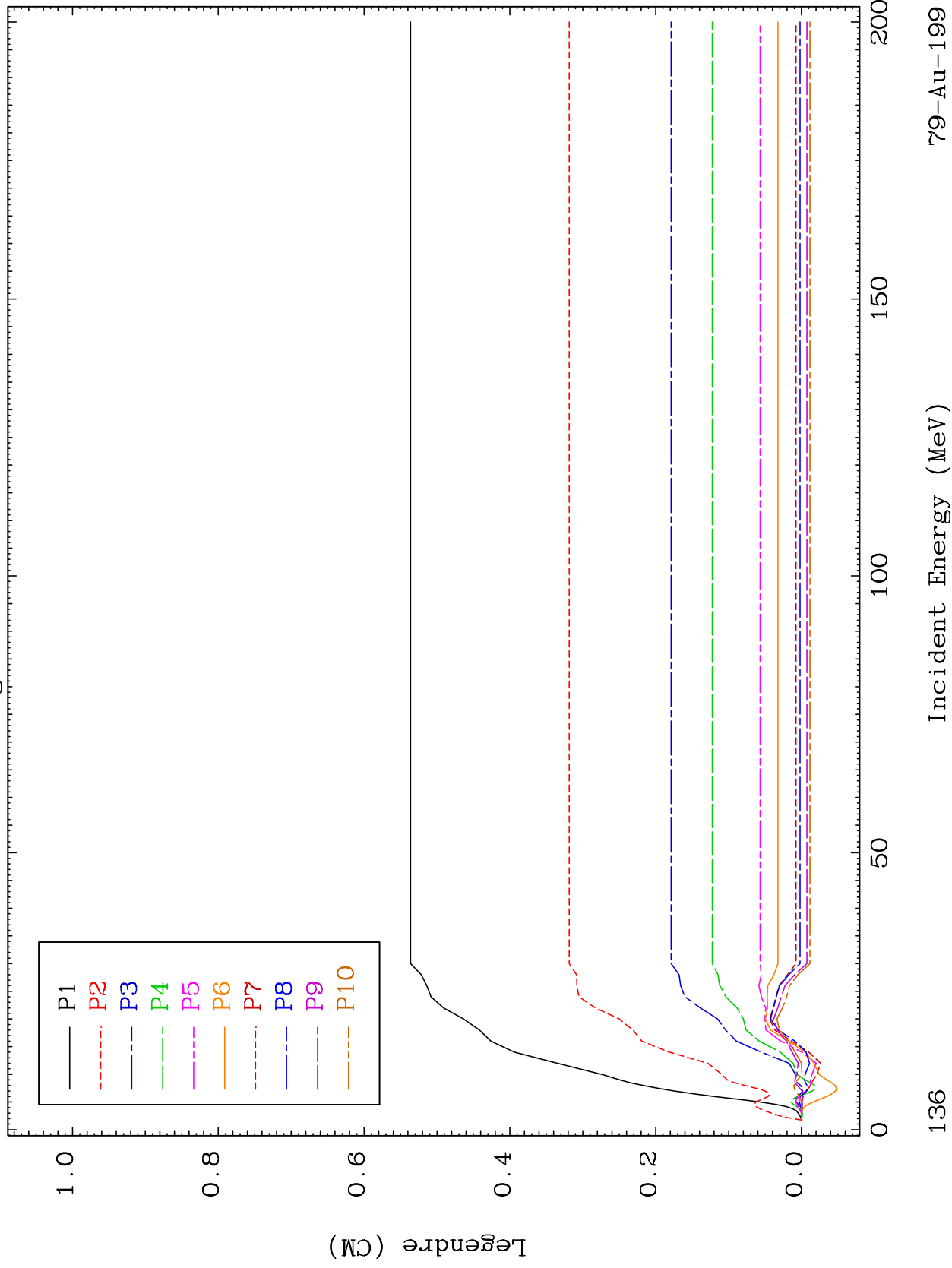




MAT 7931

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

79-Au-199



136

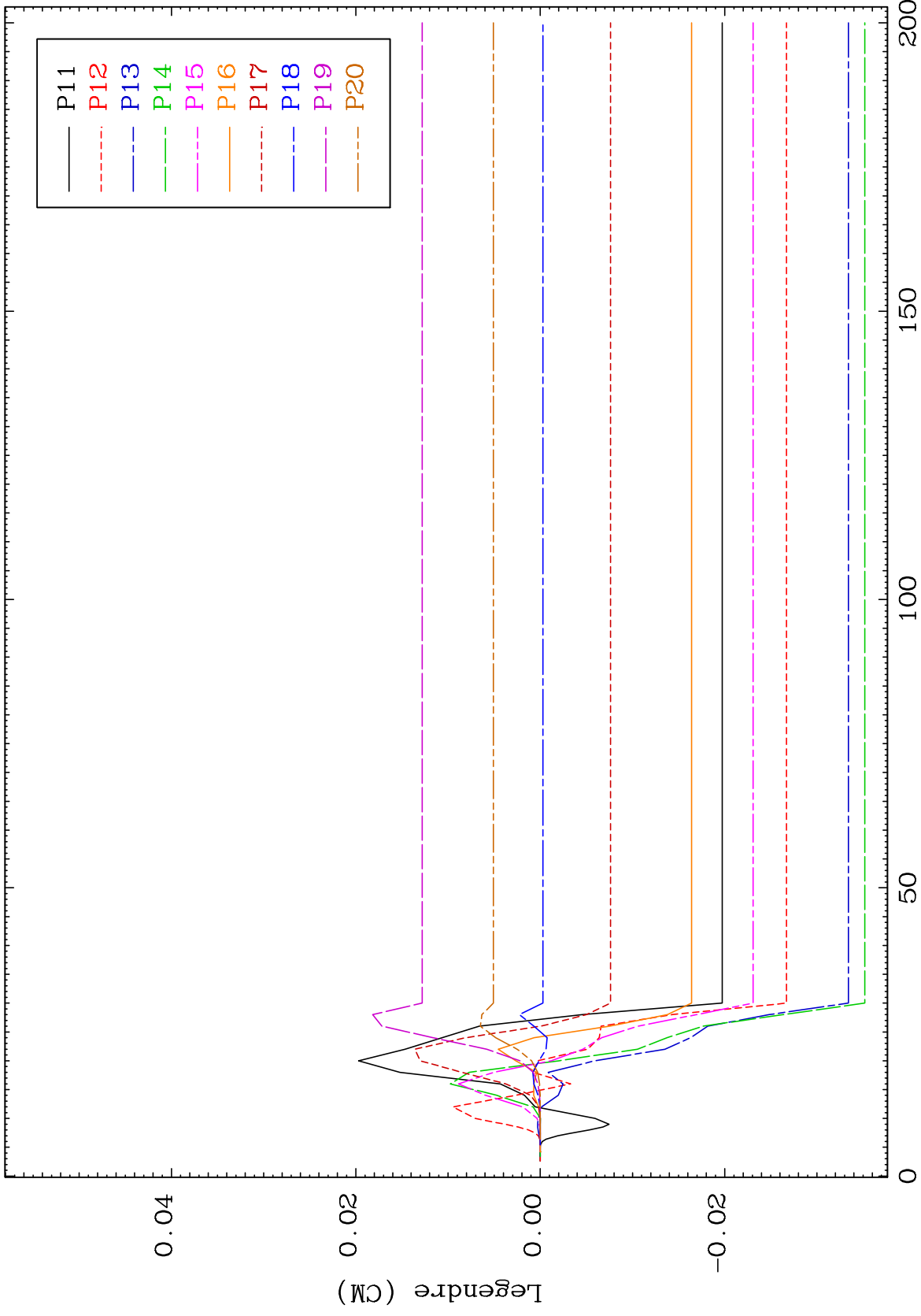
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



137

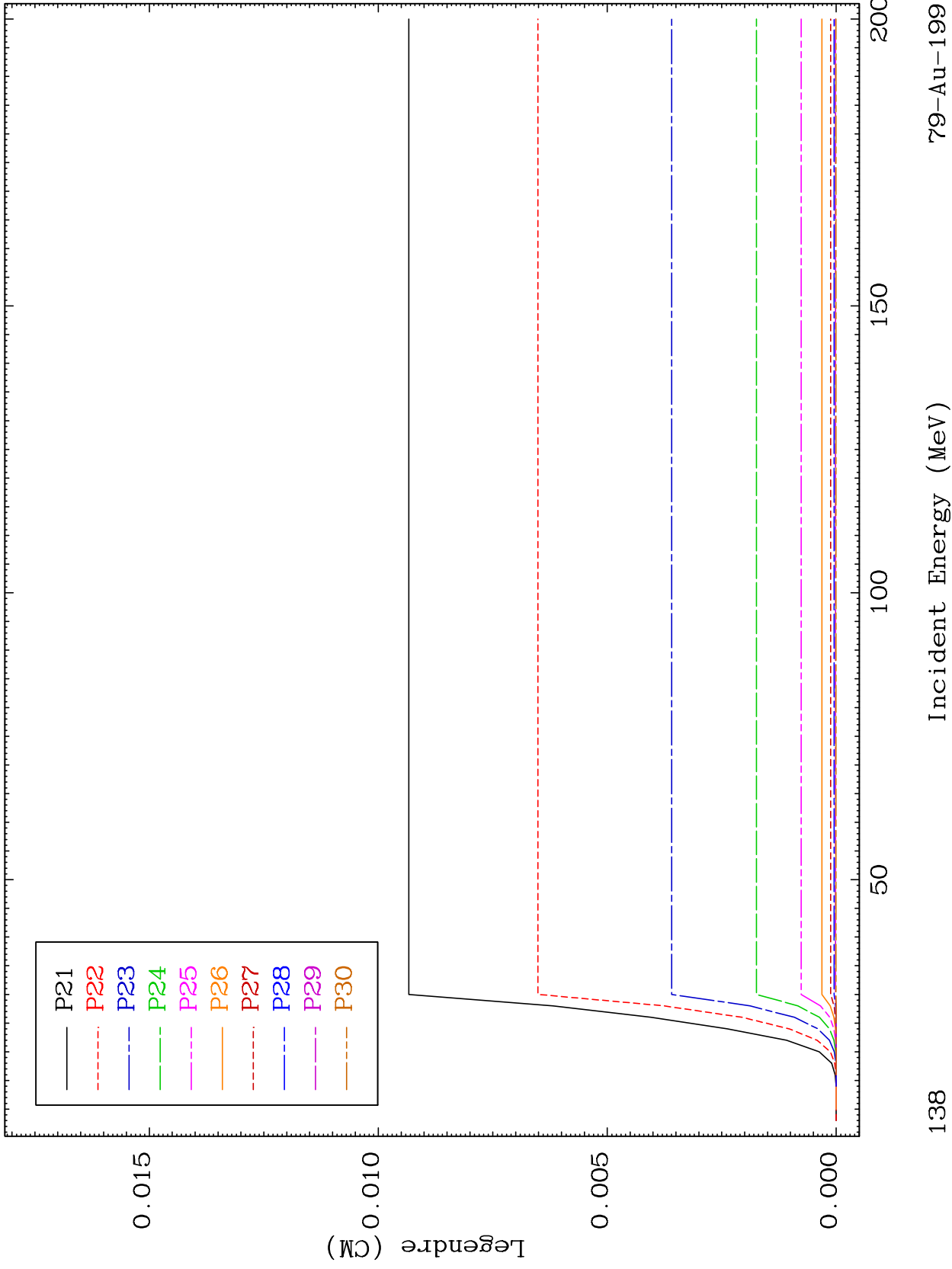
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



138

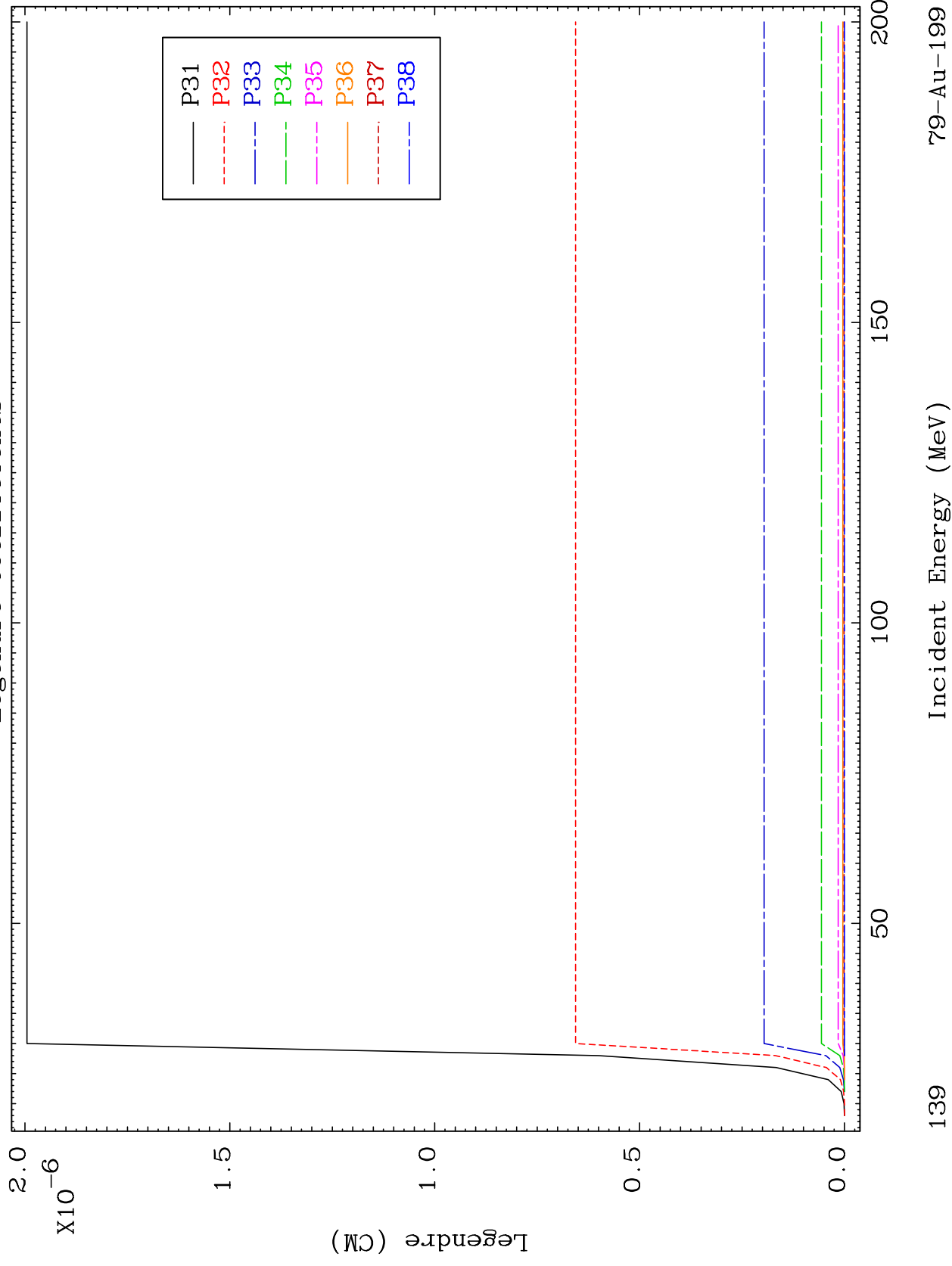
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



139

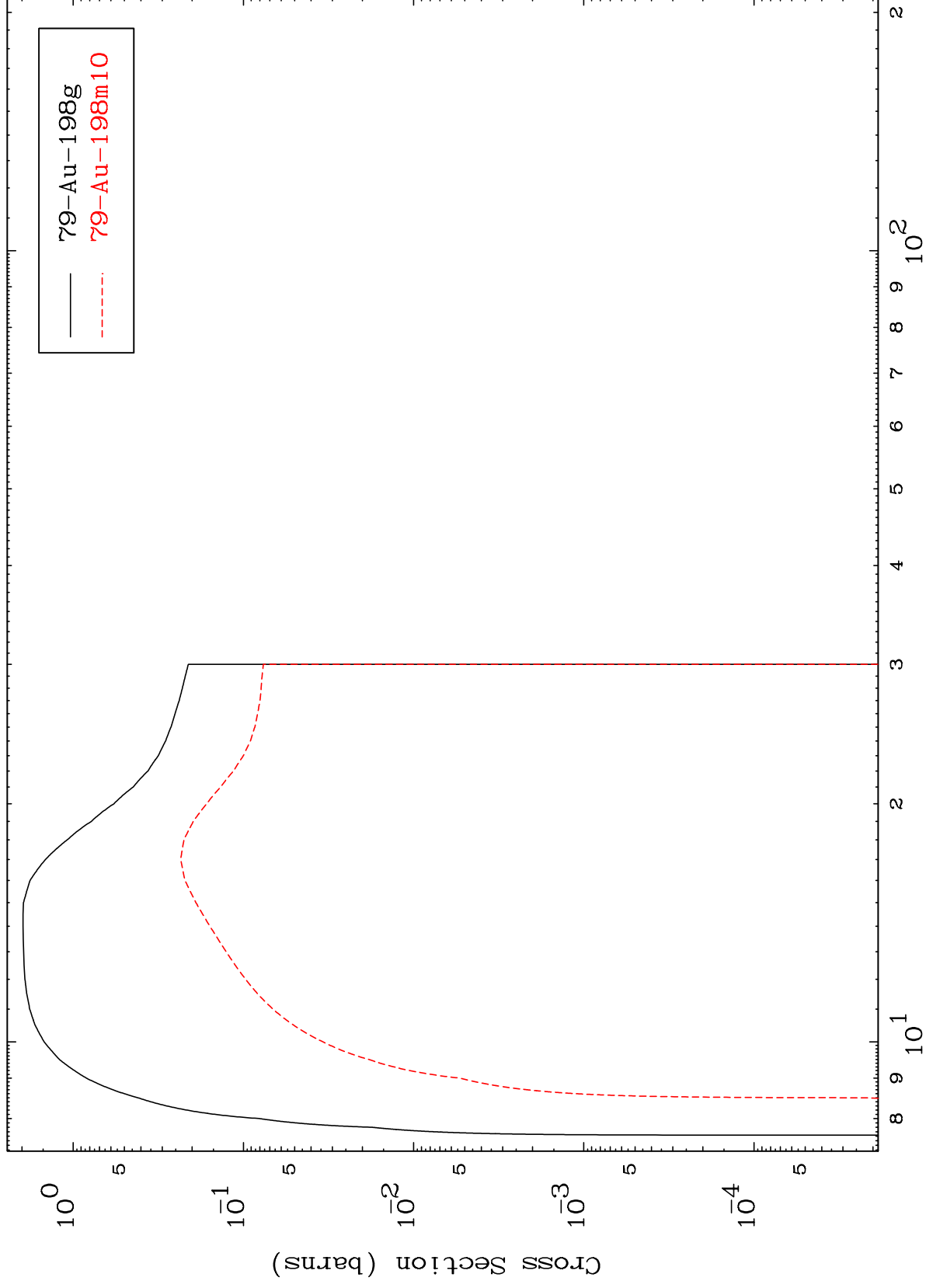
Incident Energy (MeV)

79-Au-199

MAT 7931

79-Au-199

(n,2n)  
Radionuclide Production Cross Section



140

Incident Energy (MeV)

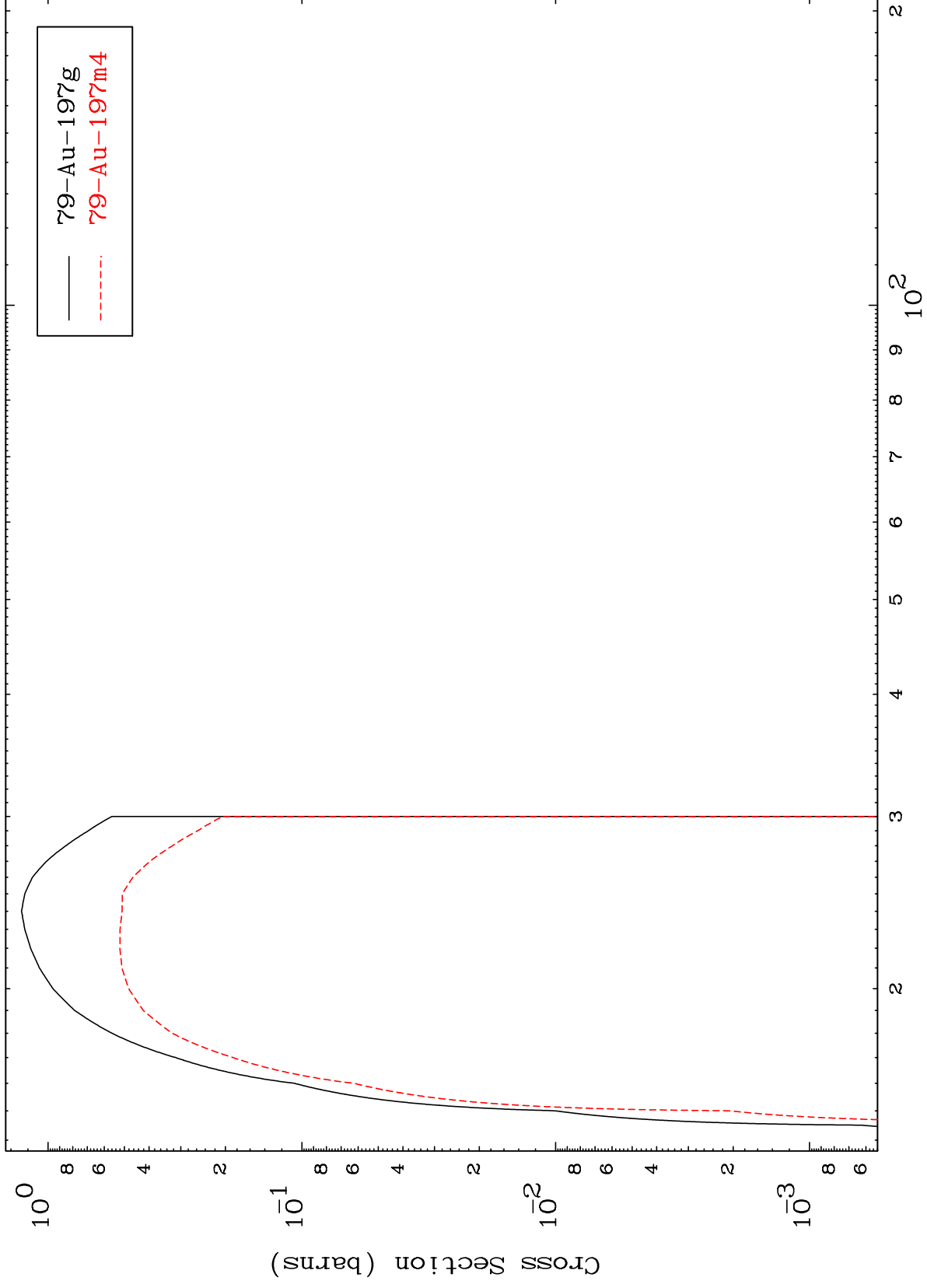
79-Au-199

MAT 7931

(n,3n)

79-Au-199

Radionuclide Production Cross Section



141

Incident Energy (MeV)

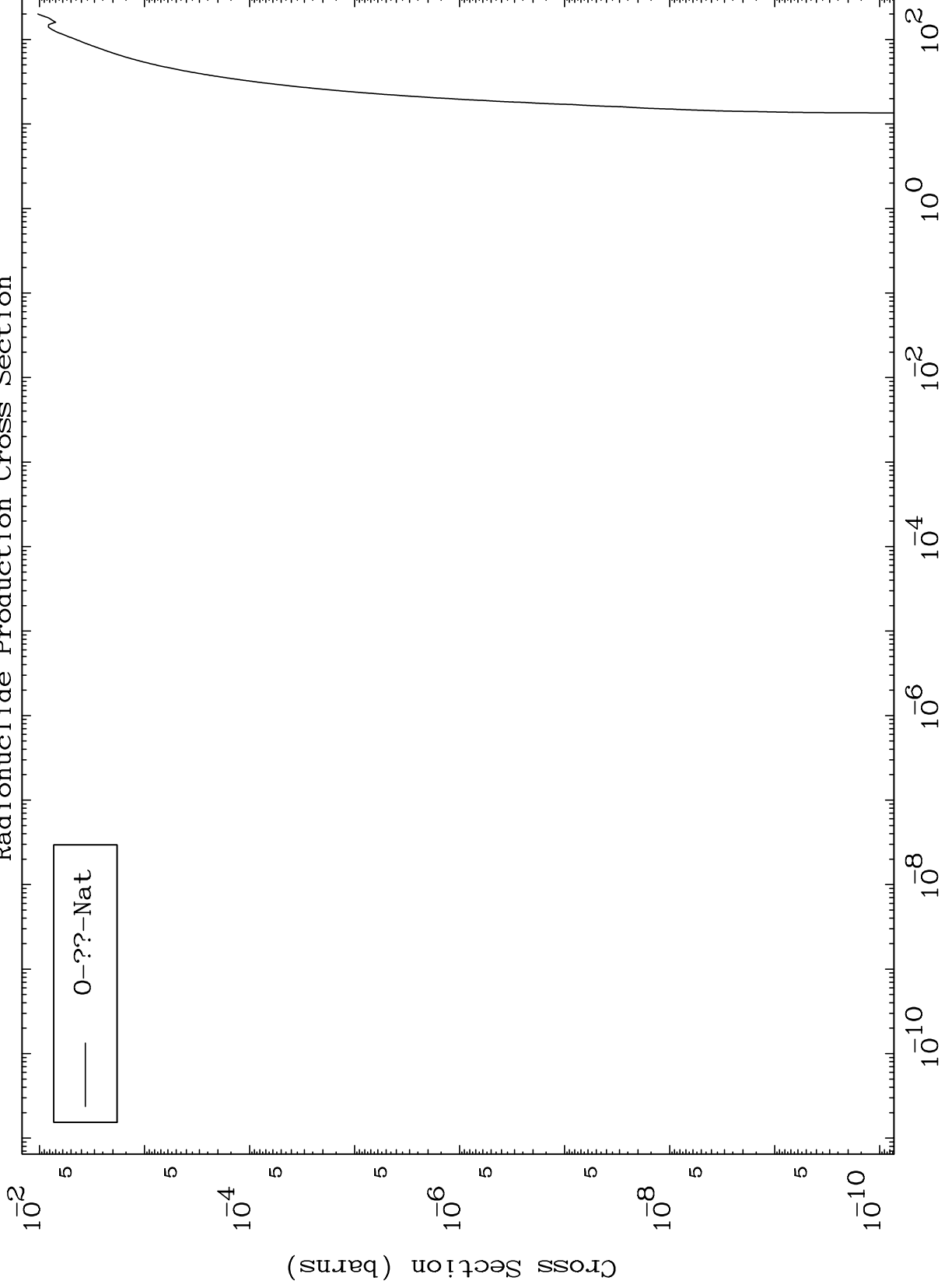
79-Au-199

MAT 7931

Fission

<sup>79</sup>Au-199

Radionuclide Production Cross Section



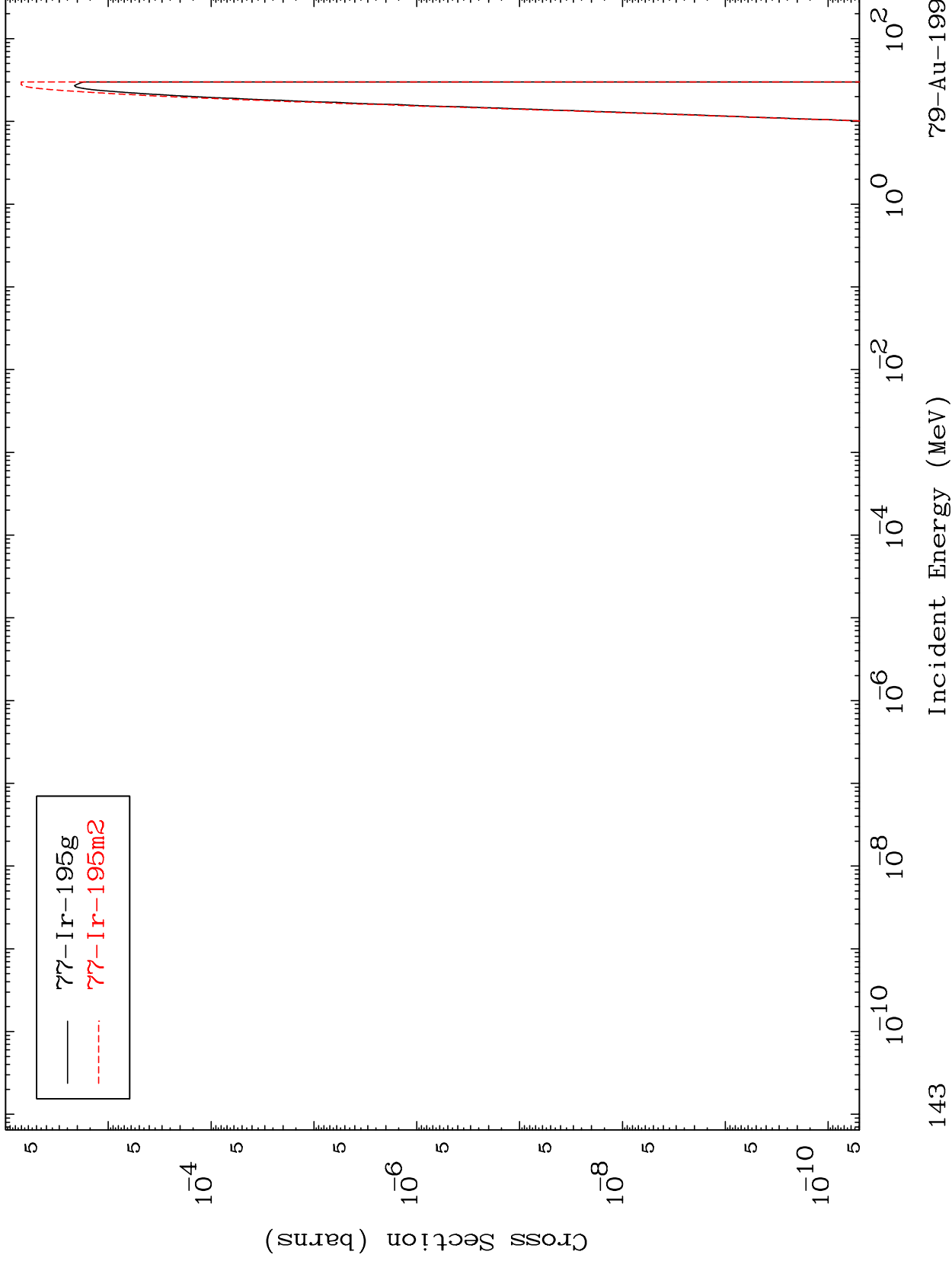
0-??-Nat

MAT 7931

$(n, n') \alpha$

<sup>79</sup>Au-199

Radionuclide Production Cross Section



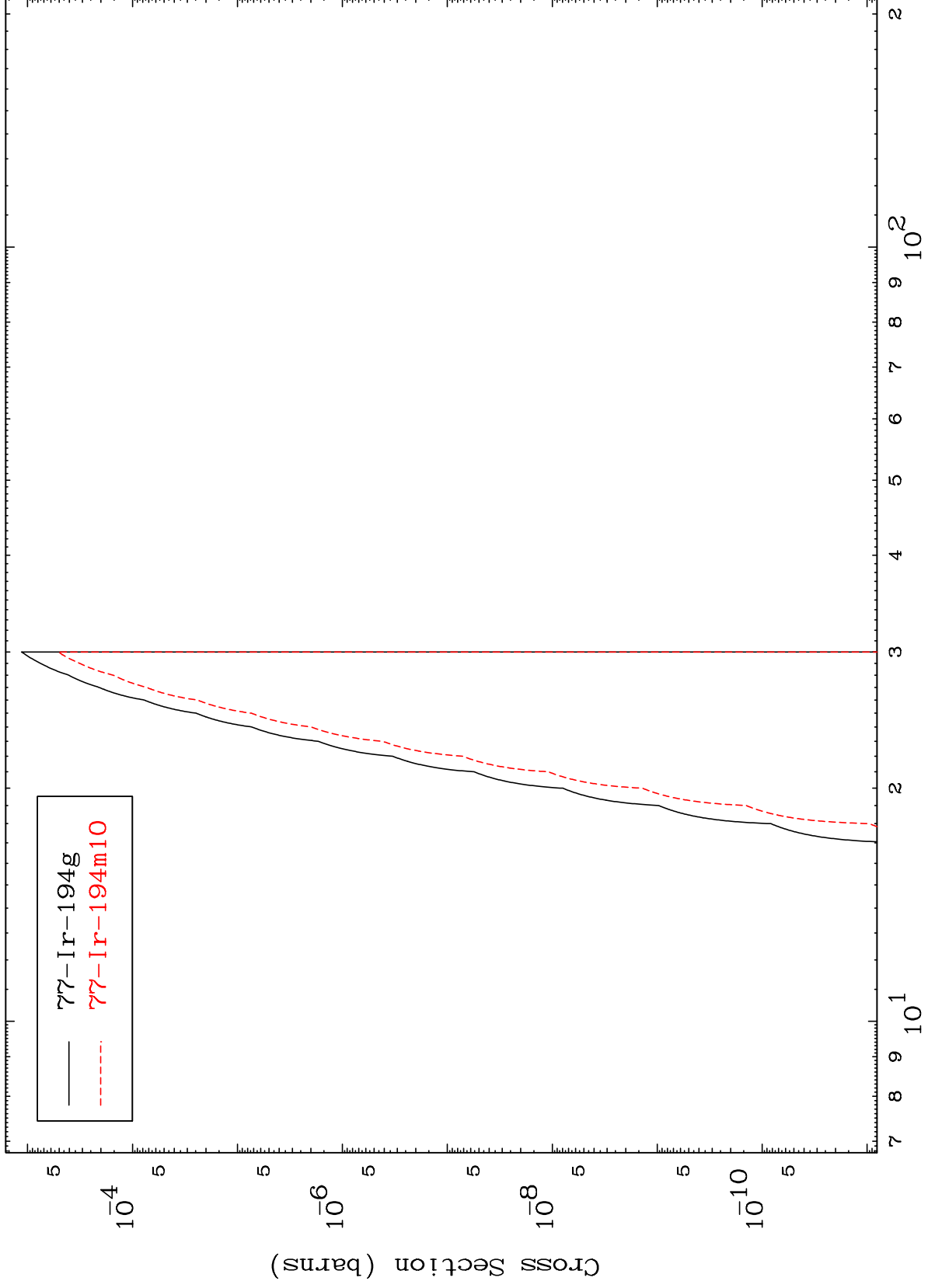


MAT 7931

(n,2n)  $\alpha$

79-Au-199

Radionuclide Production Cross Section



144

Incident Energy (MeV)

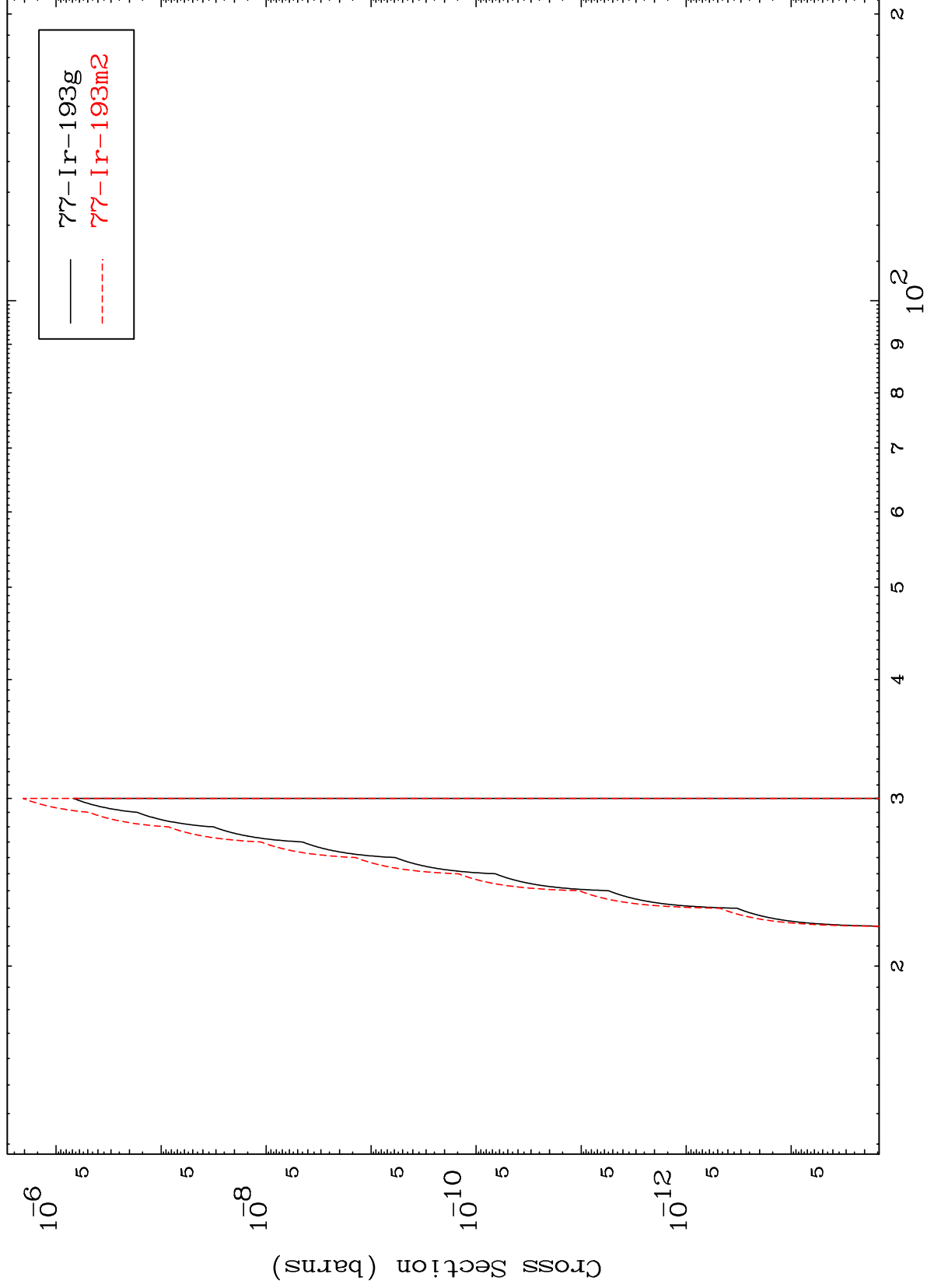
79-Au-199

MAT 7931

$(n,3n) \alpha$

79-Au-199

Radionuclide Production Cross Section

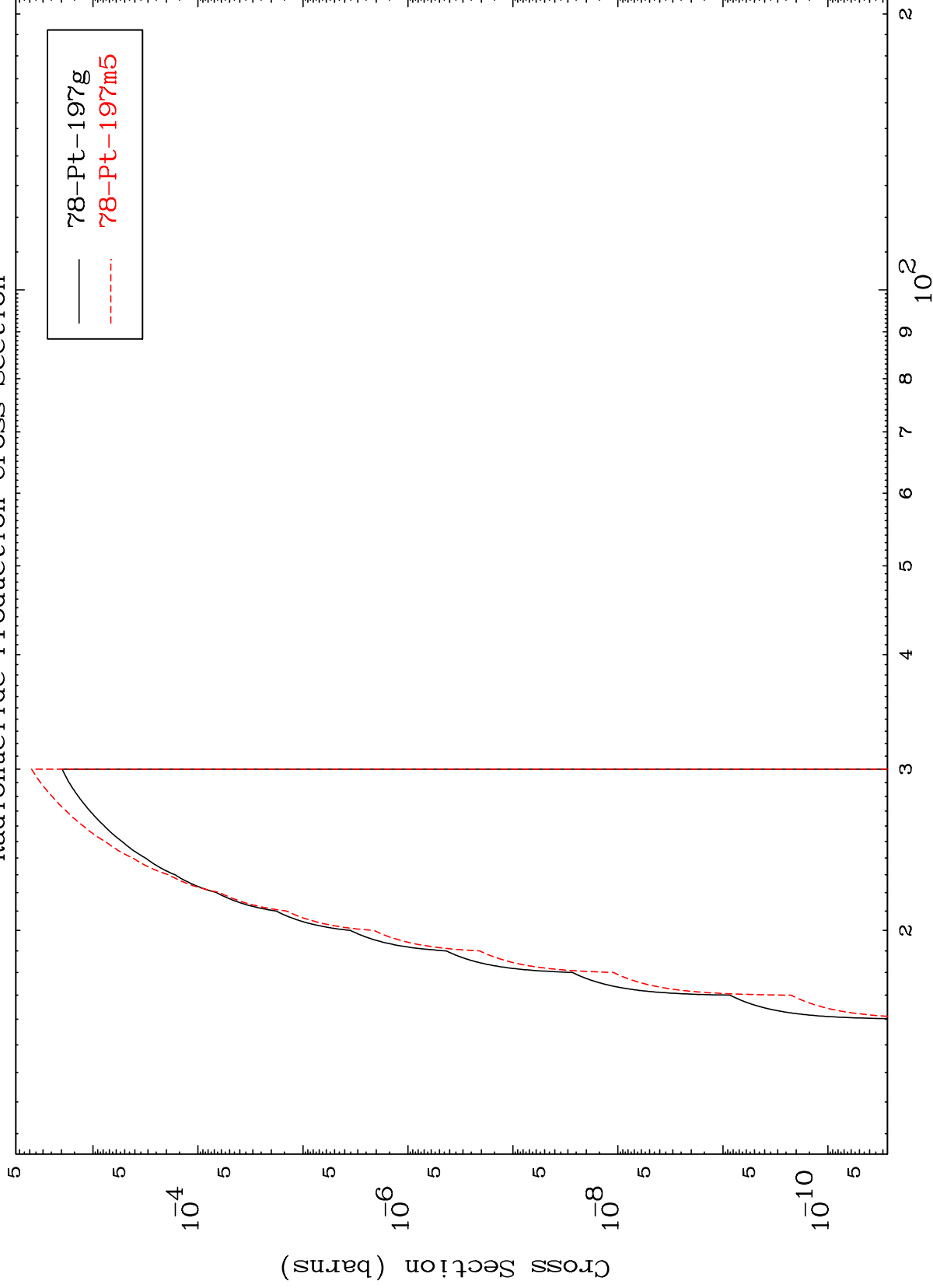


145

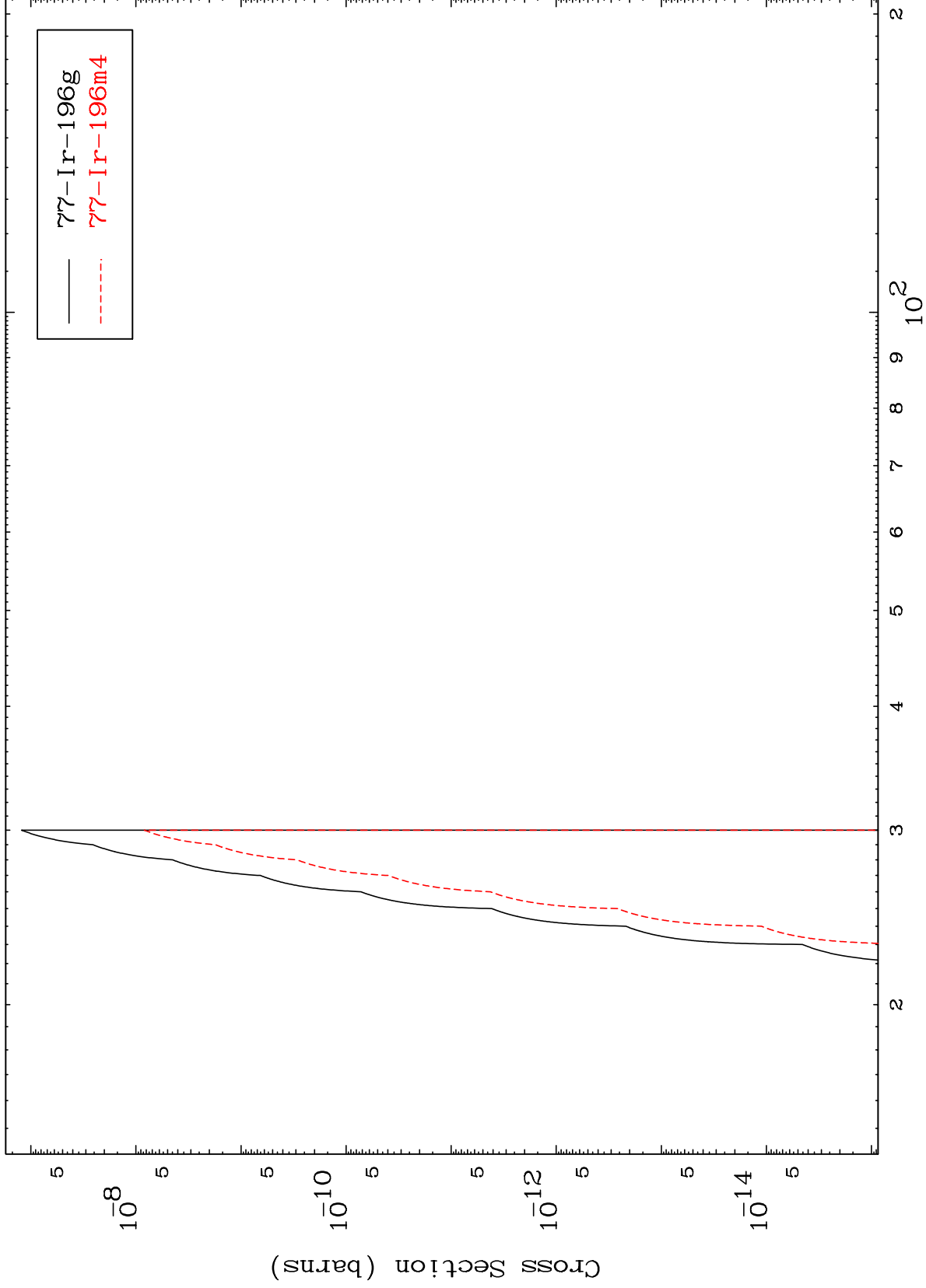
Incident Energy (MeV)

79-Au-199

Radionuclide Production Cross Section



Radionuclide Production Cross Section

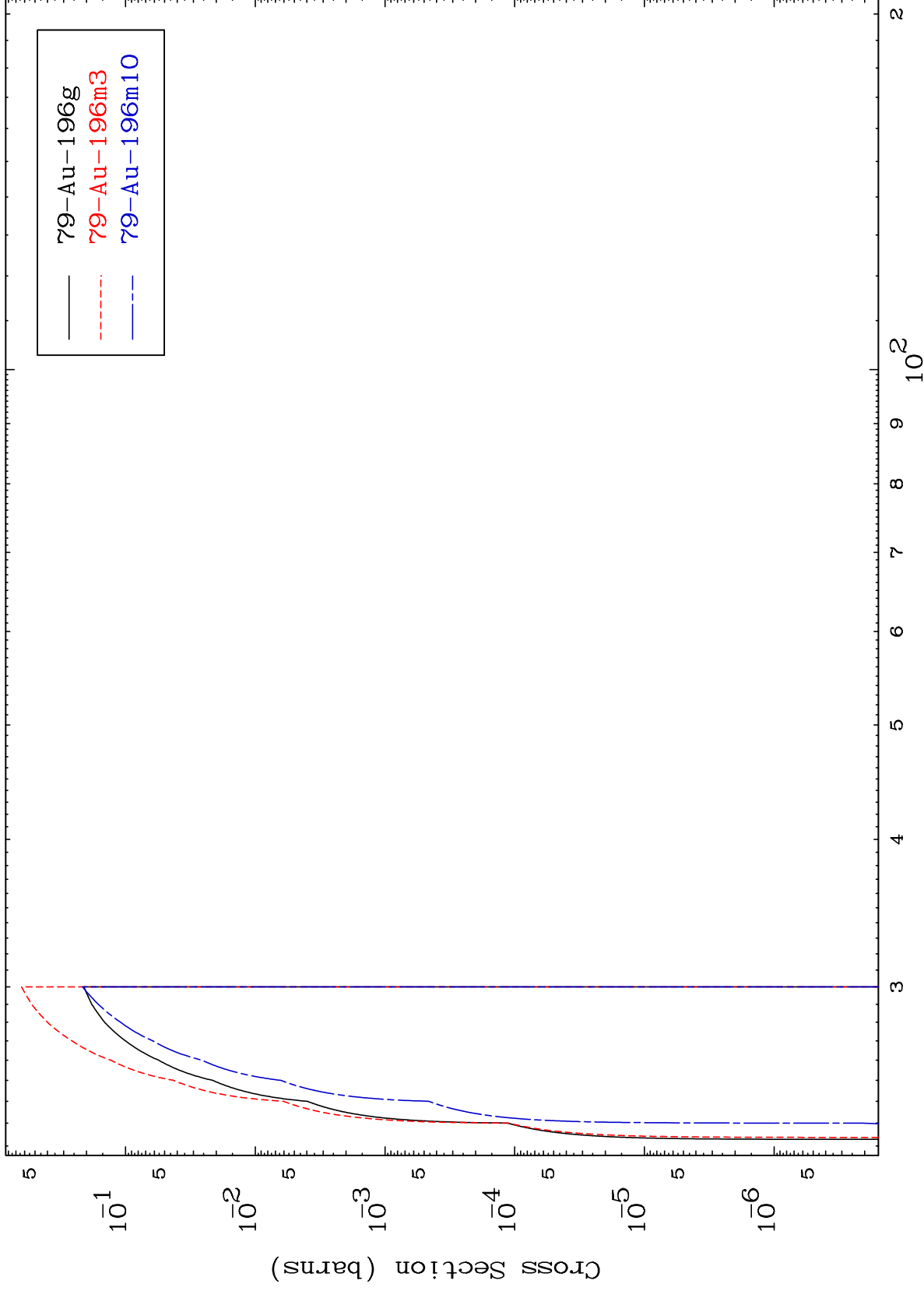


MAT 7931

(n,4n)

79-Au-199

Radionuclide Production Cross Section



148

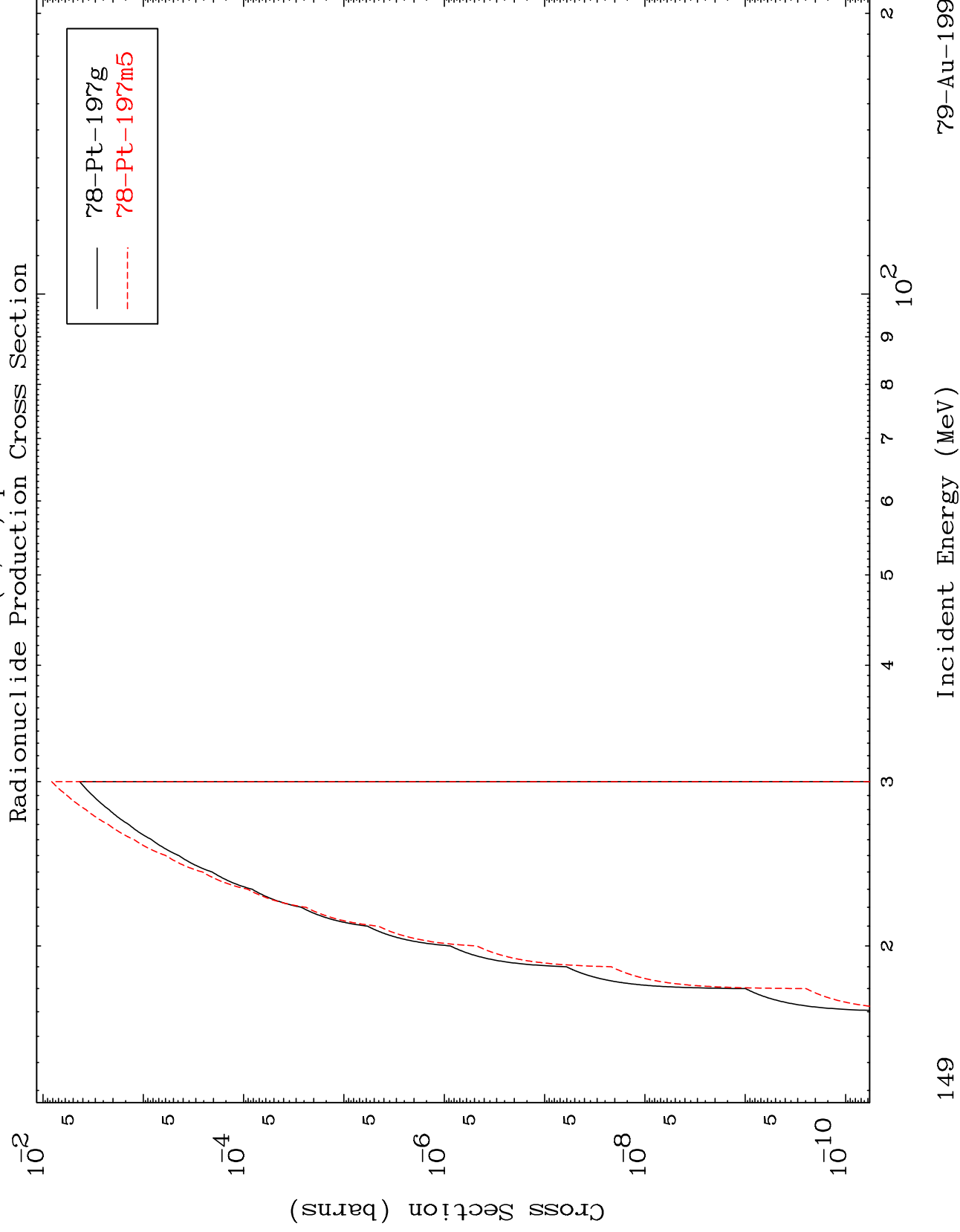
Incident Energy (MeV)

79-Au-199

MAT 7931

(n,2n) p

79-Au-199



149

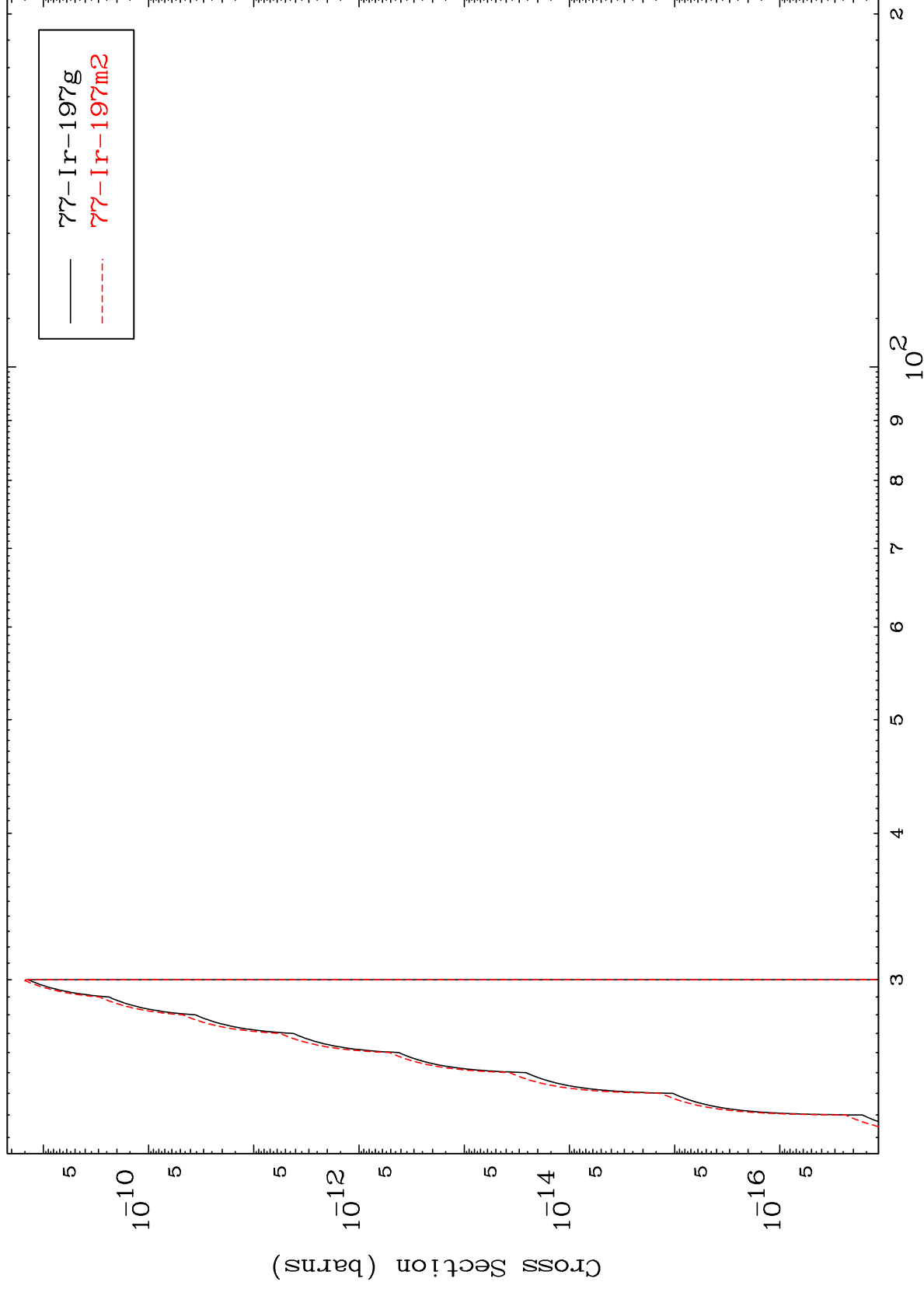
Incident Energy (MeV)

79-Au-199

MAT 7931

79-Au-199

(n,2n) p  
Radionuclide Production Cross Section



150

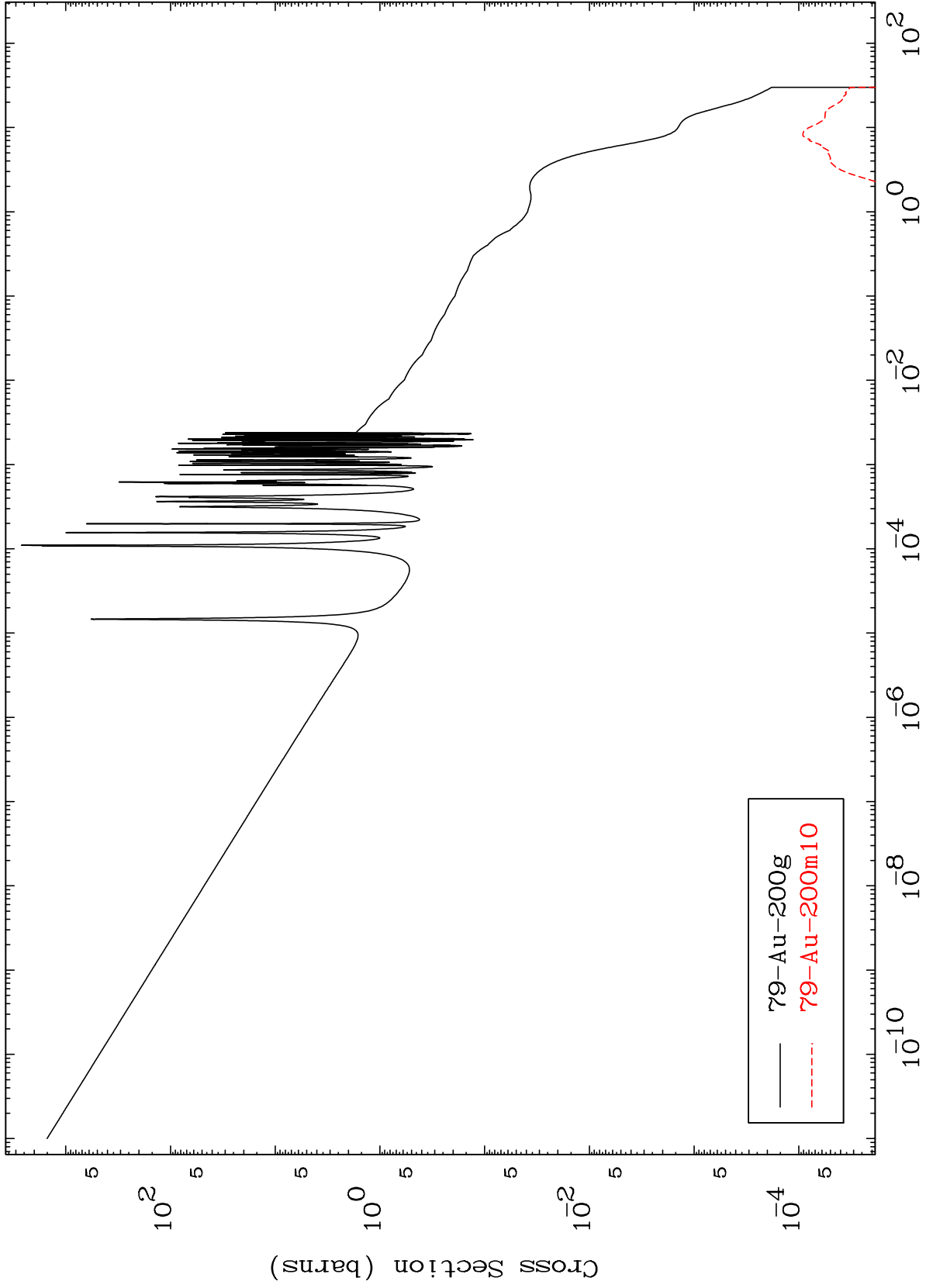
Incident Energy (MeV)

79-Au-199

MAT 7931

79-Au-199

(n,γ)  
Radionuclide Production Cross Section



151

Incident Energy (MeV)

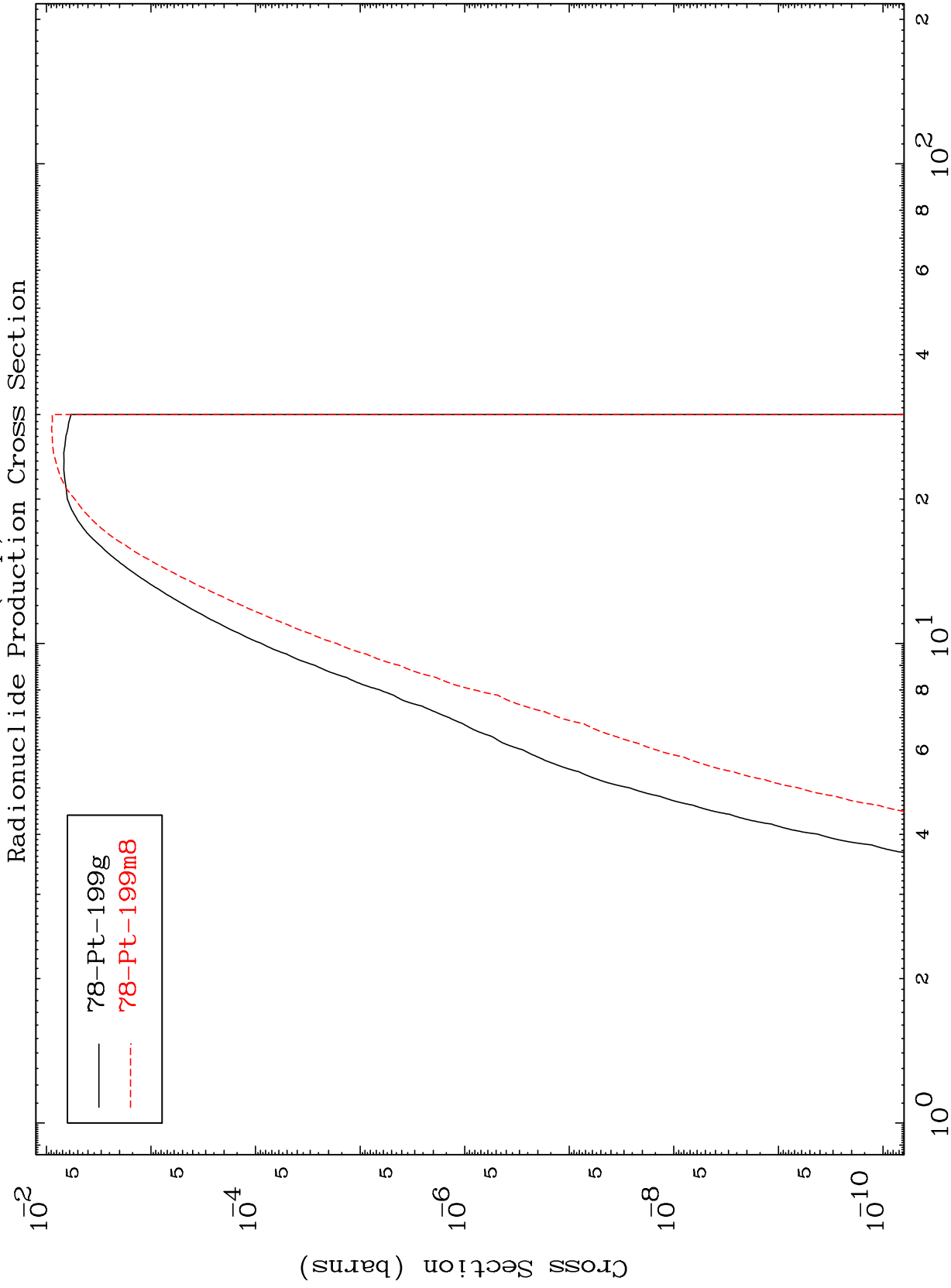
79-Au-199



MAT 7931

79-Au-199

Radionuclide Production Cross Section



78-Pt-199g  
78-Pt-199m8

79-Au-199

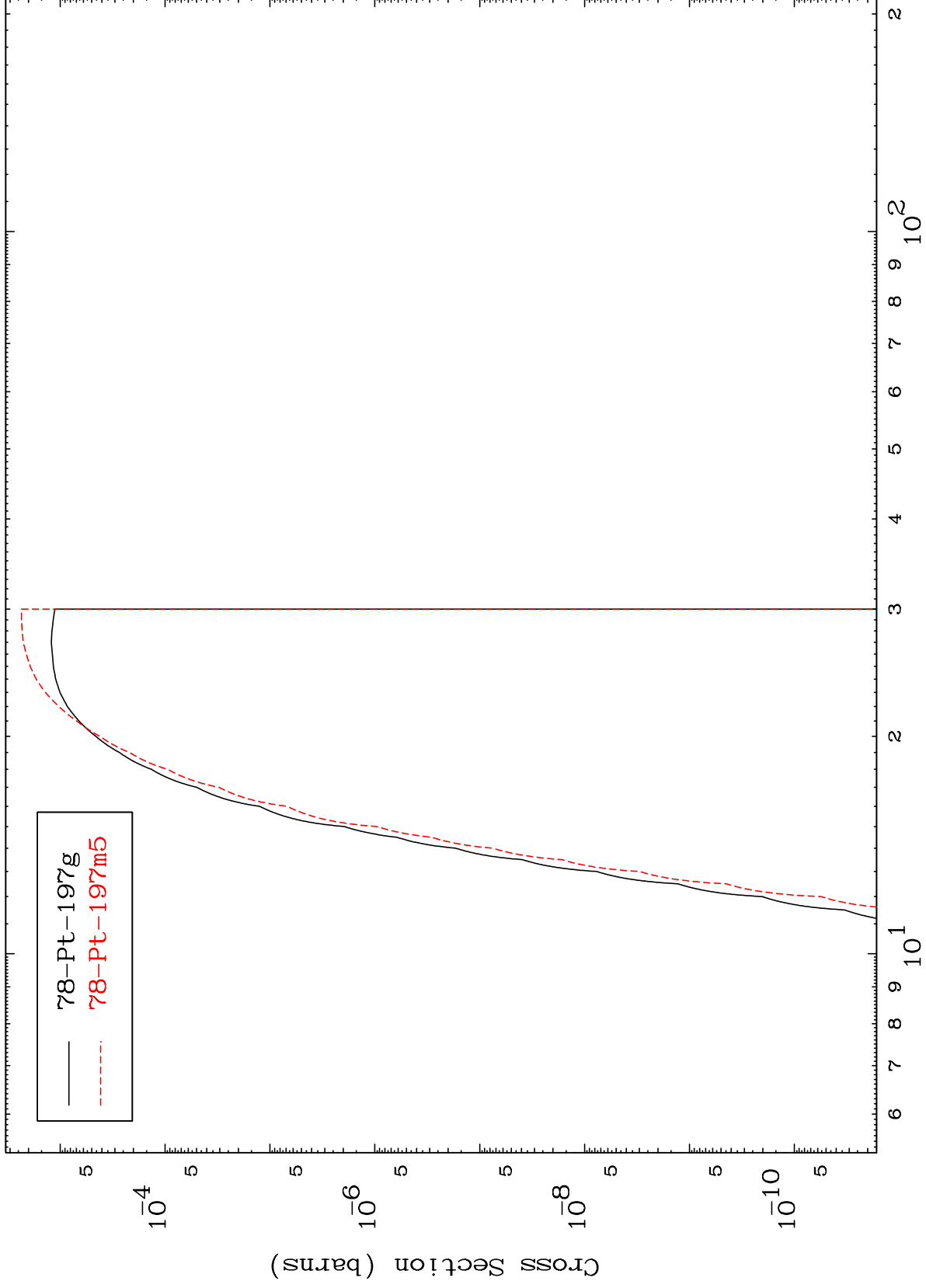
Incident Energy (MeV)

152

MAT 7931

79-Au-199

(n, t)  
Radionuclide Production Cross Section

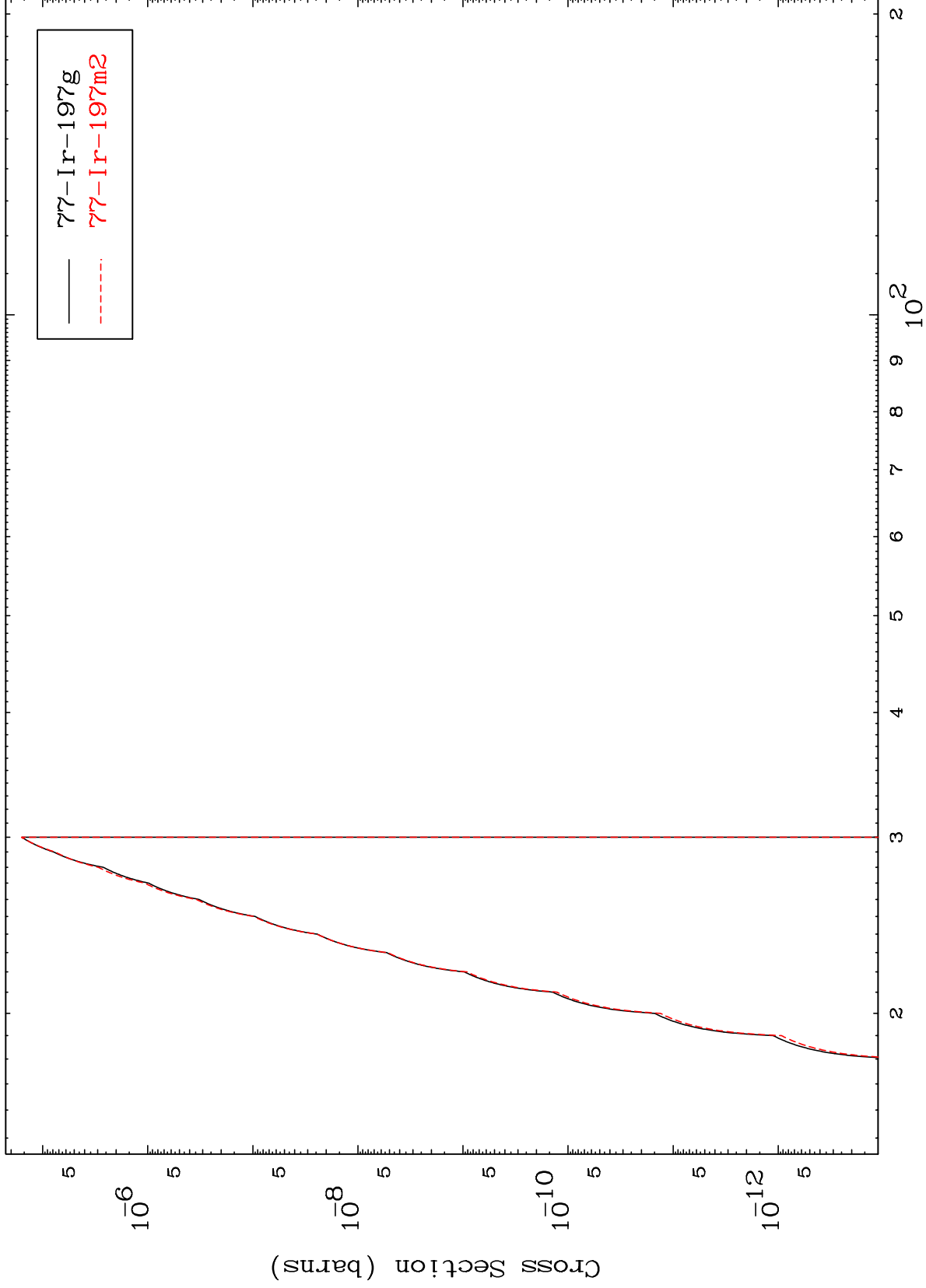


153

Incident Energy (MeV)

79-Au-199

Radionuclide Production Cross Section

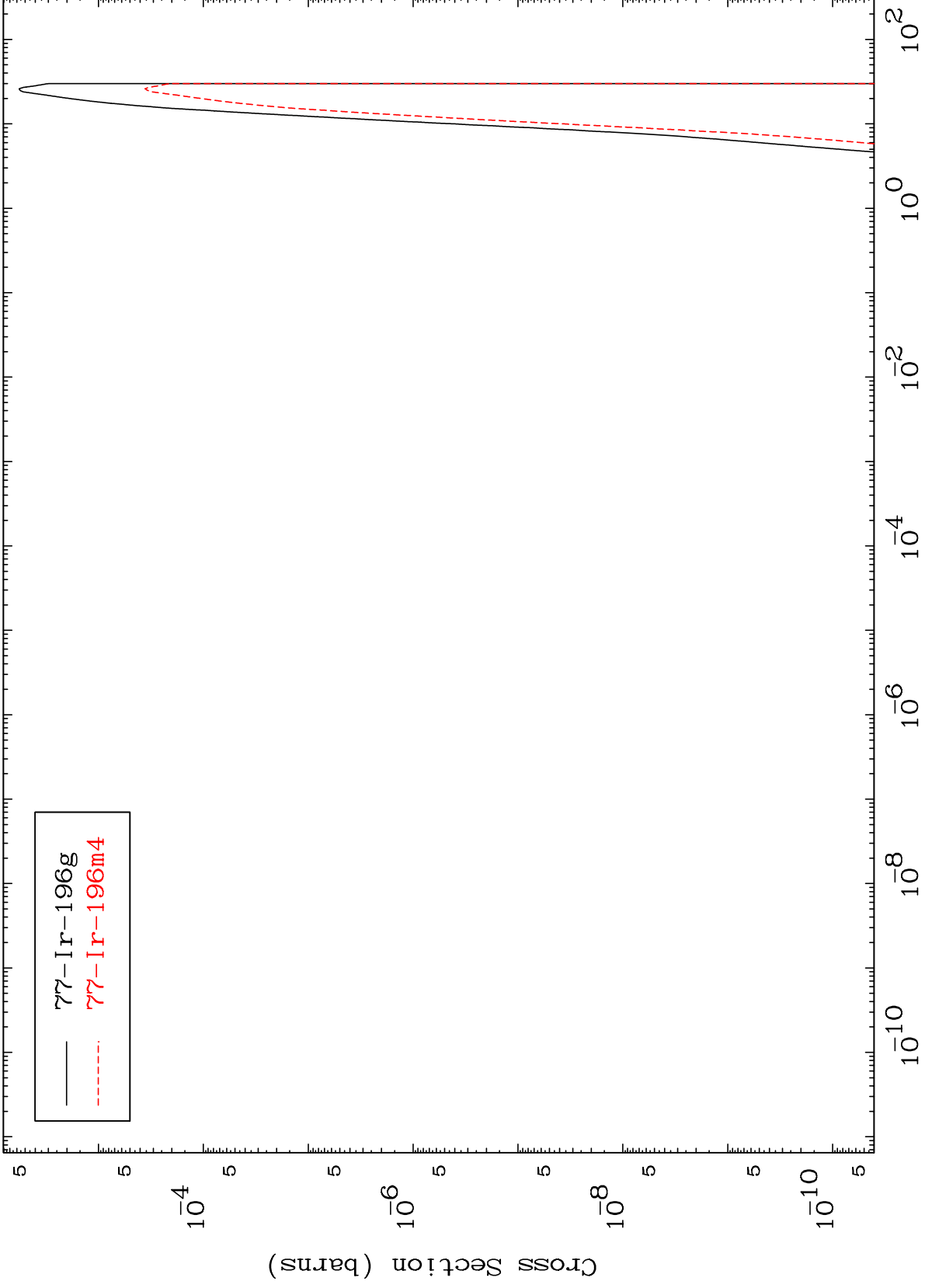


MAT 7931

(n,  $\alpha$ )

<sup>79</sup>Au-199

Radionuclide Production Cross Section



155

Incident Energy (MeV)

<sup>79</sup>Au-199