

Program EVALPLOT
(Version 2021-1)

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

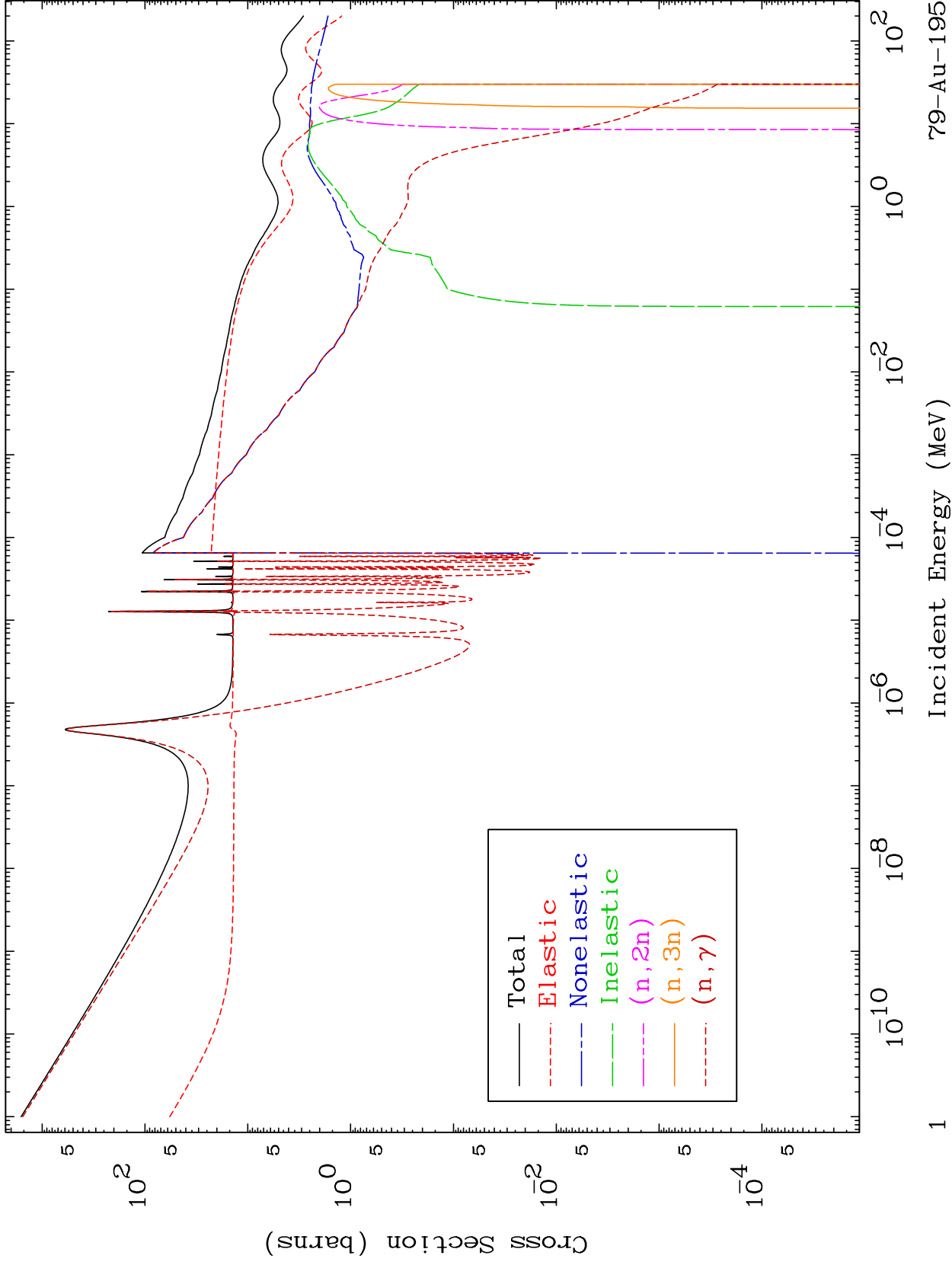
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7919

Neutron Major
293 Kelvin Cross Sections

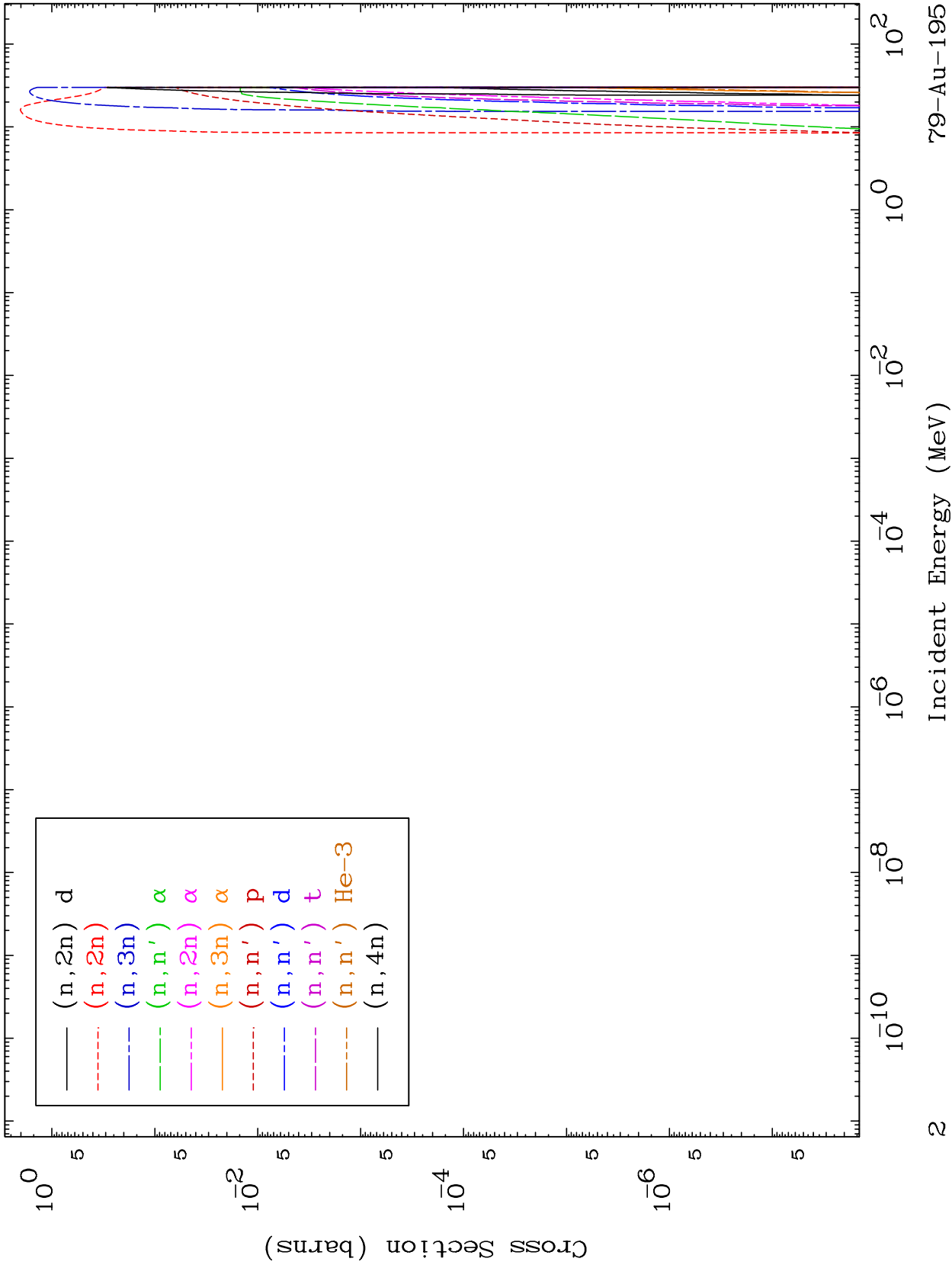
79-Au-195

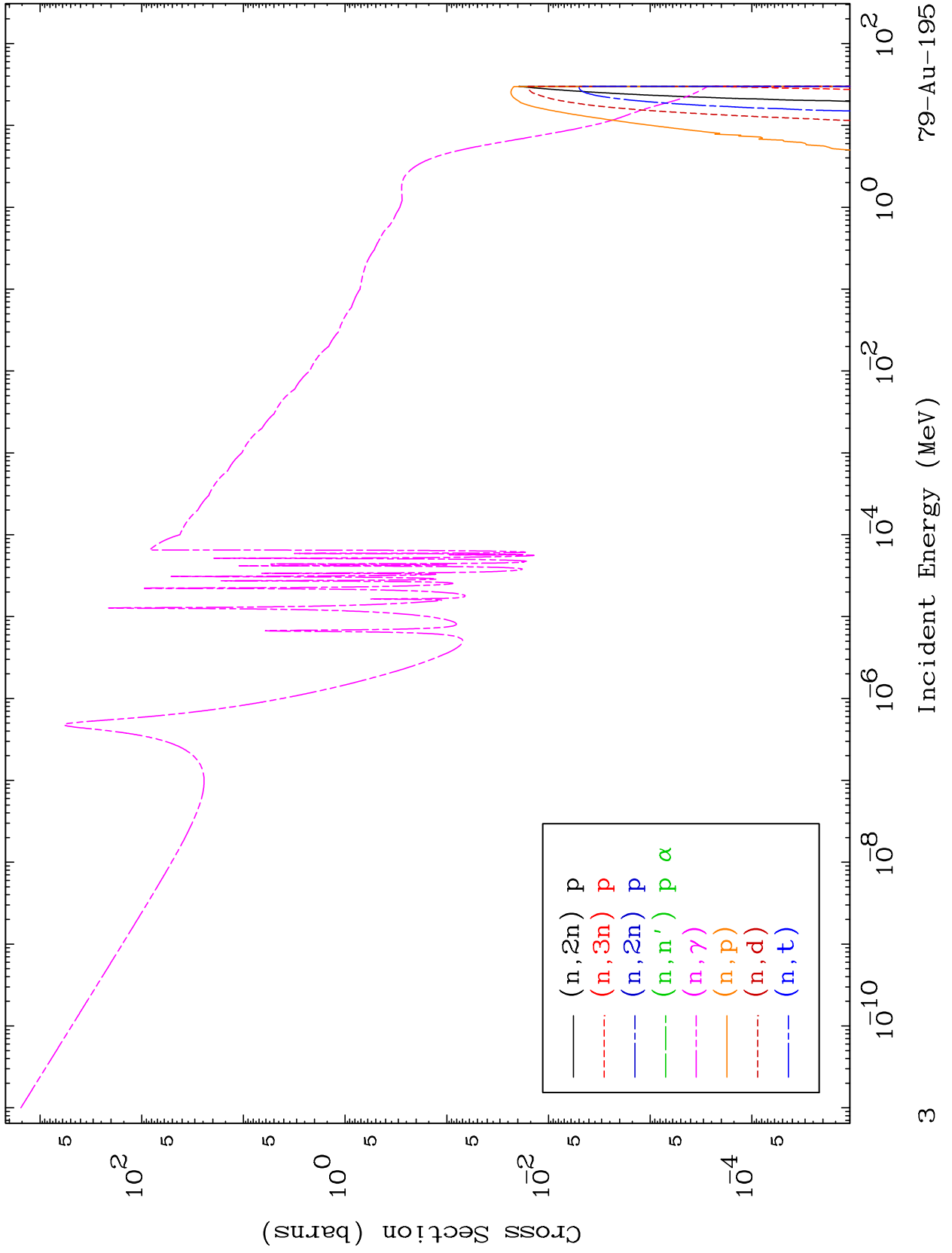


MAT 7919

Neutron Absorption
293 Kelvin Cross Sections

79-Au-195

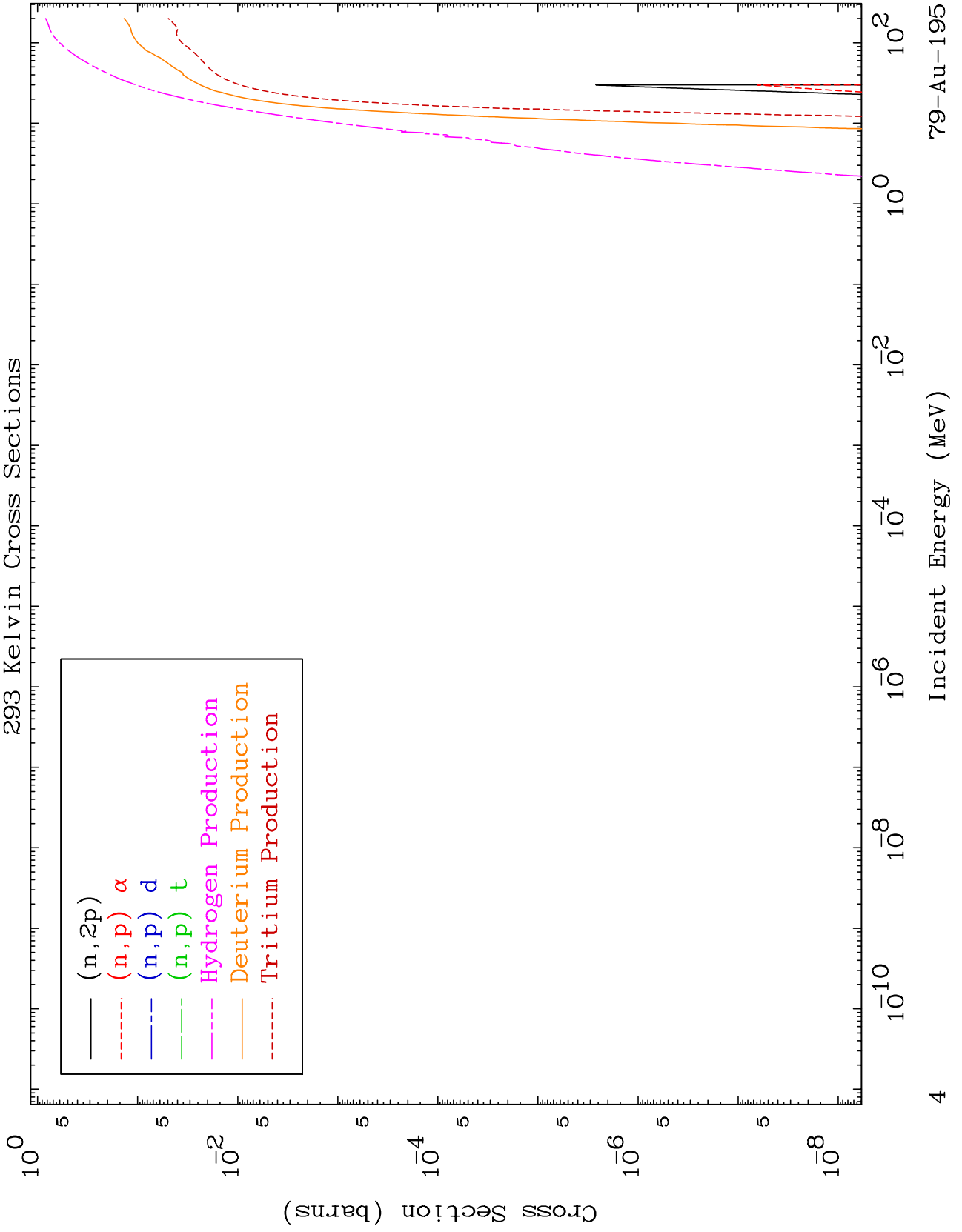


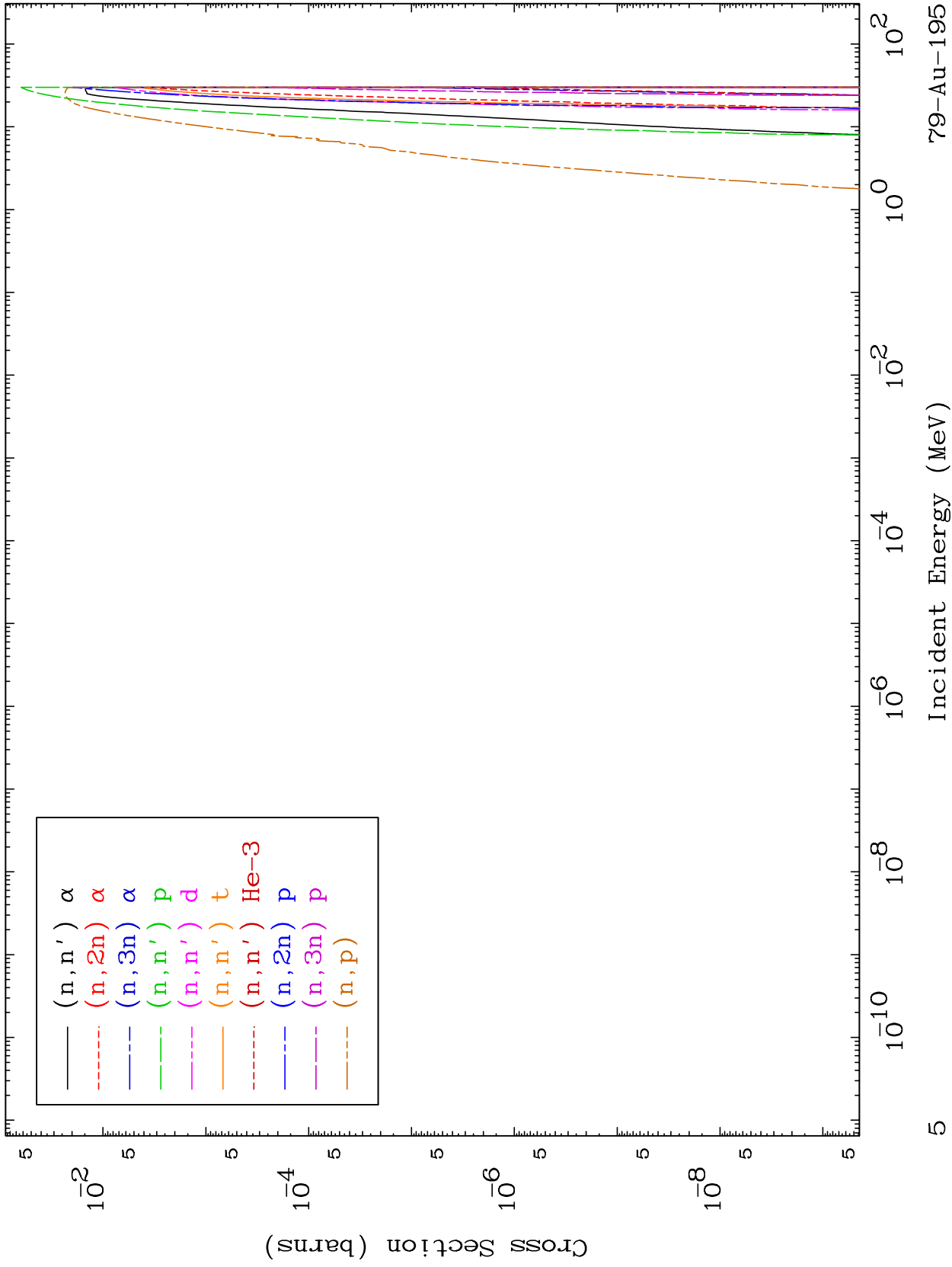


MAT 7919

Neutron Absorption
293 Kelvin Cross Sections

79-Au-195

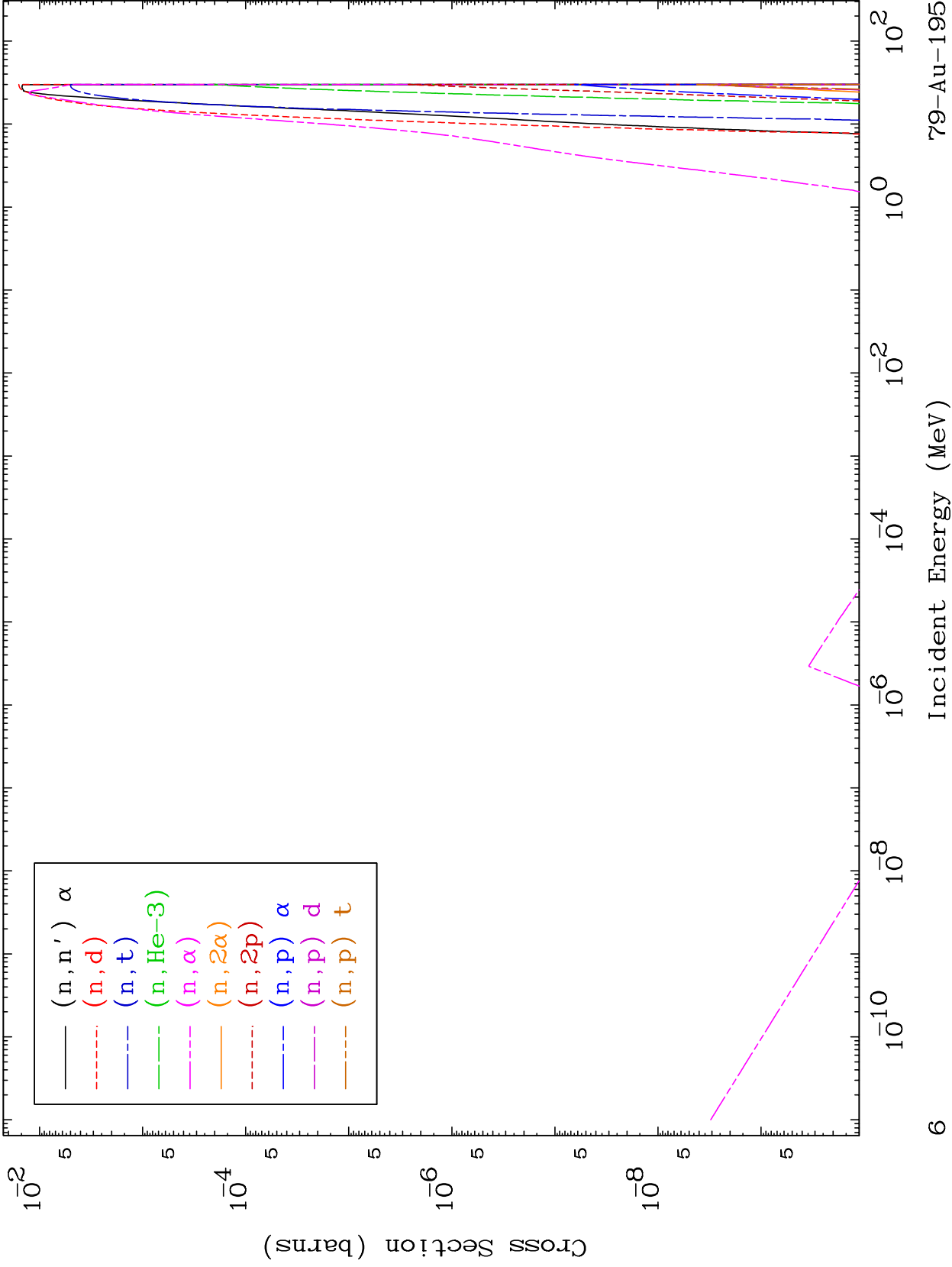




MAT 7919

Charged Particle
293 Kelvin Cross Sections

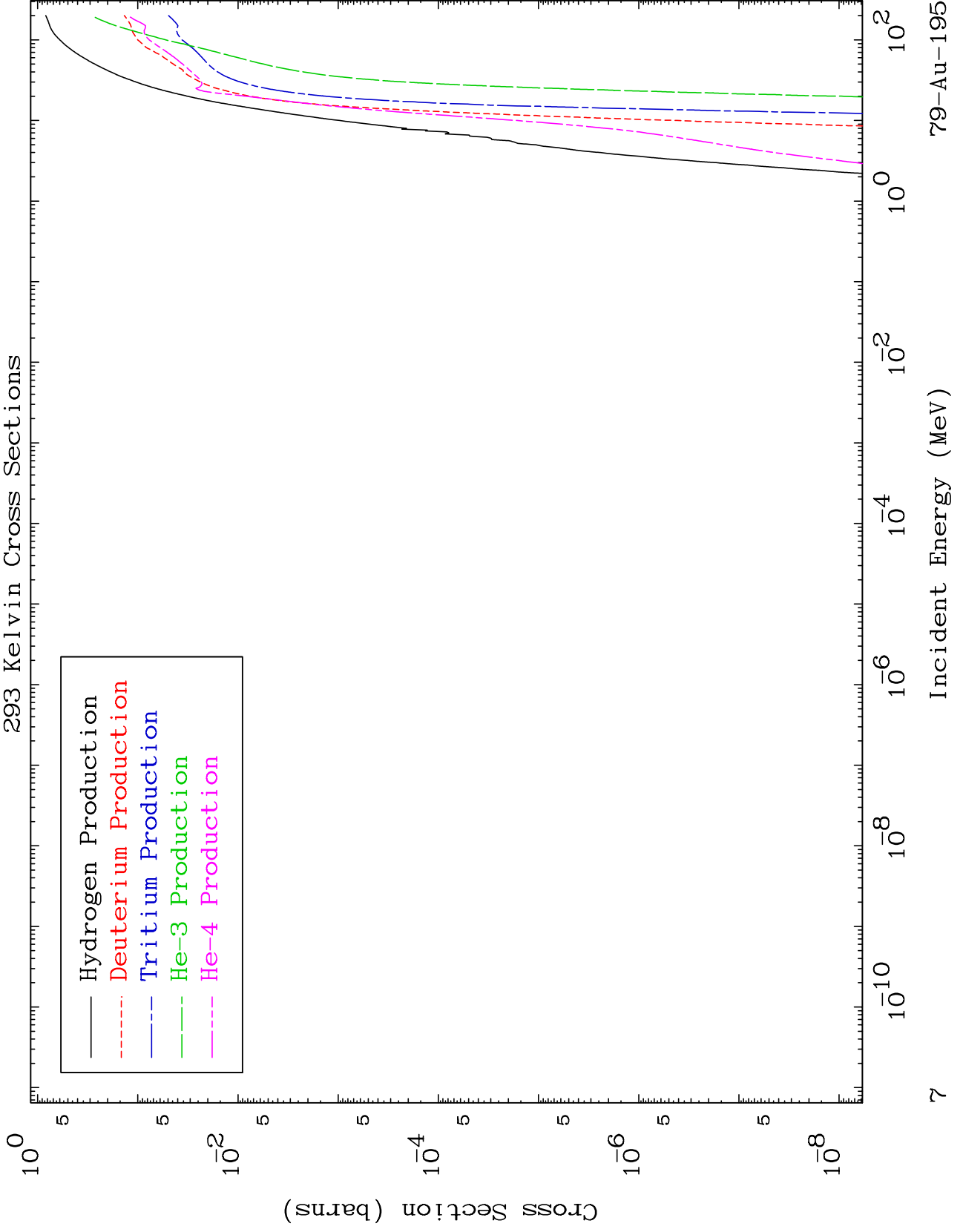
79-Au-195

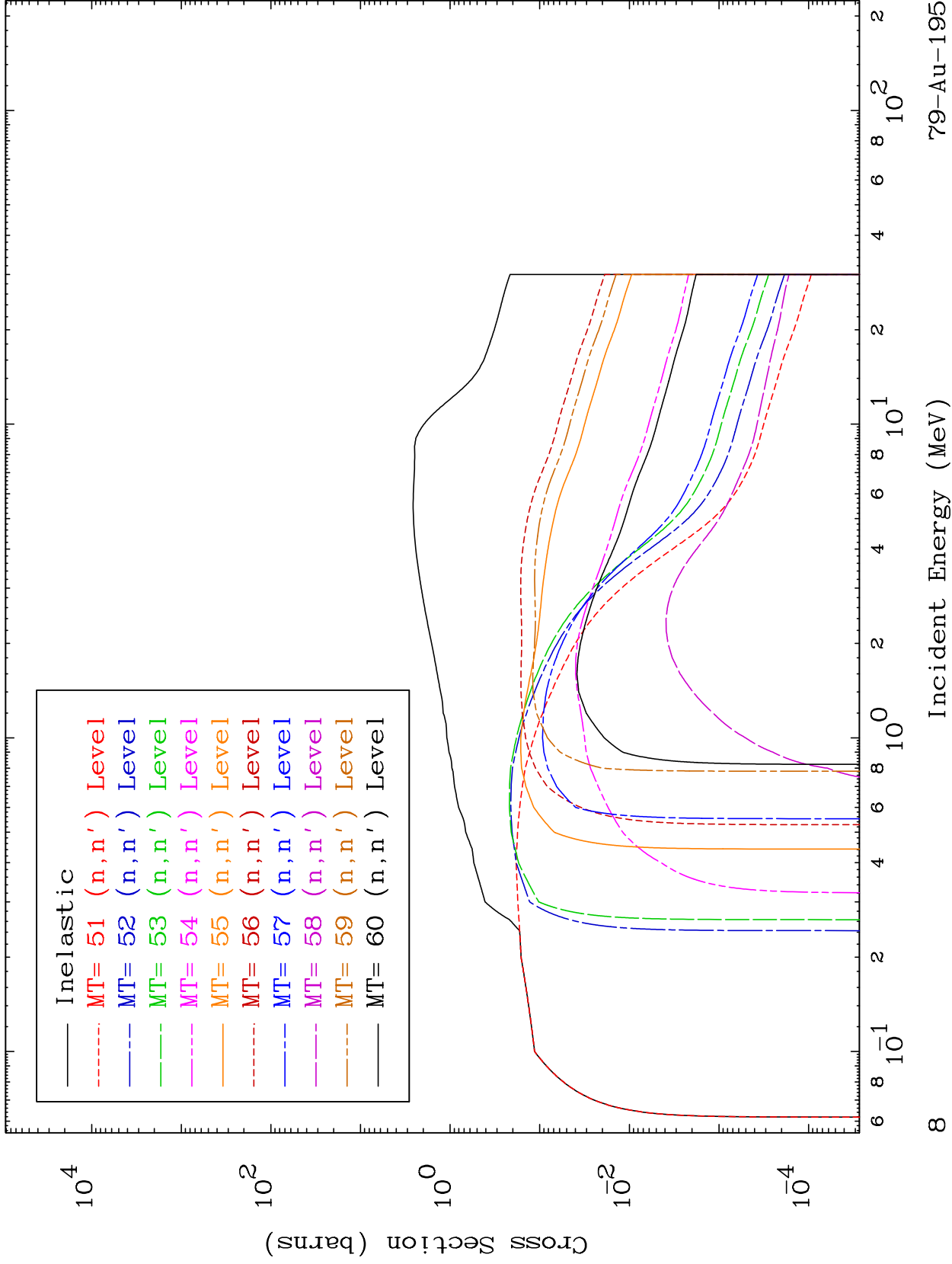


MAT 7919

Particle Production
293 Kelvin Cross Sections

79-Au-195

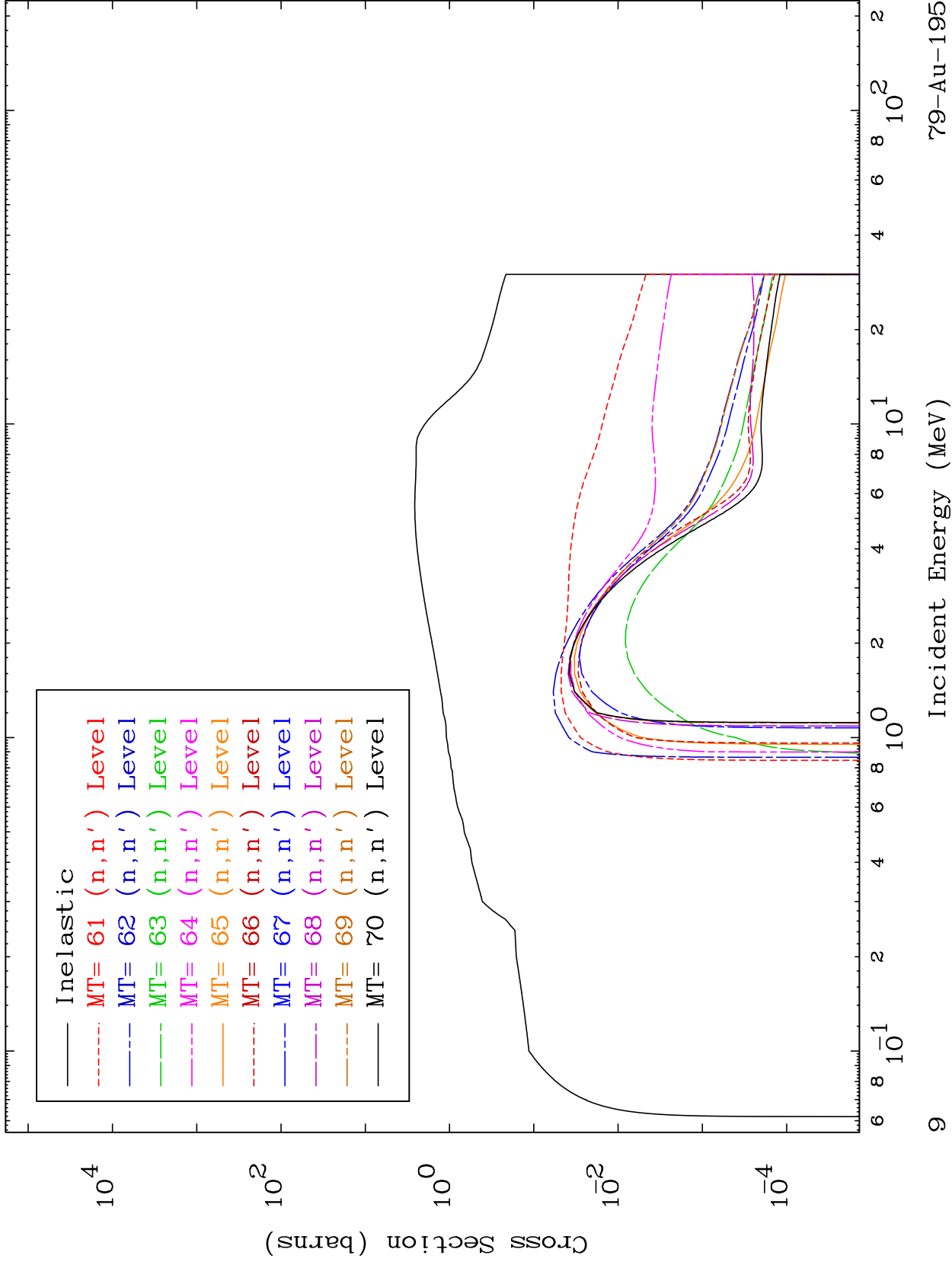




MAT 7919

(n,n') Levels
293 Kelvin Cross Sections

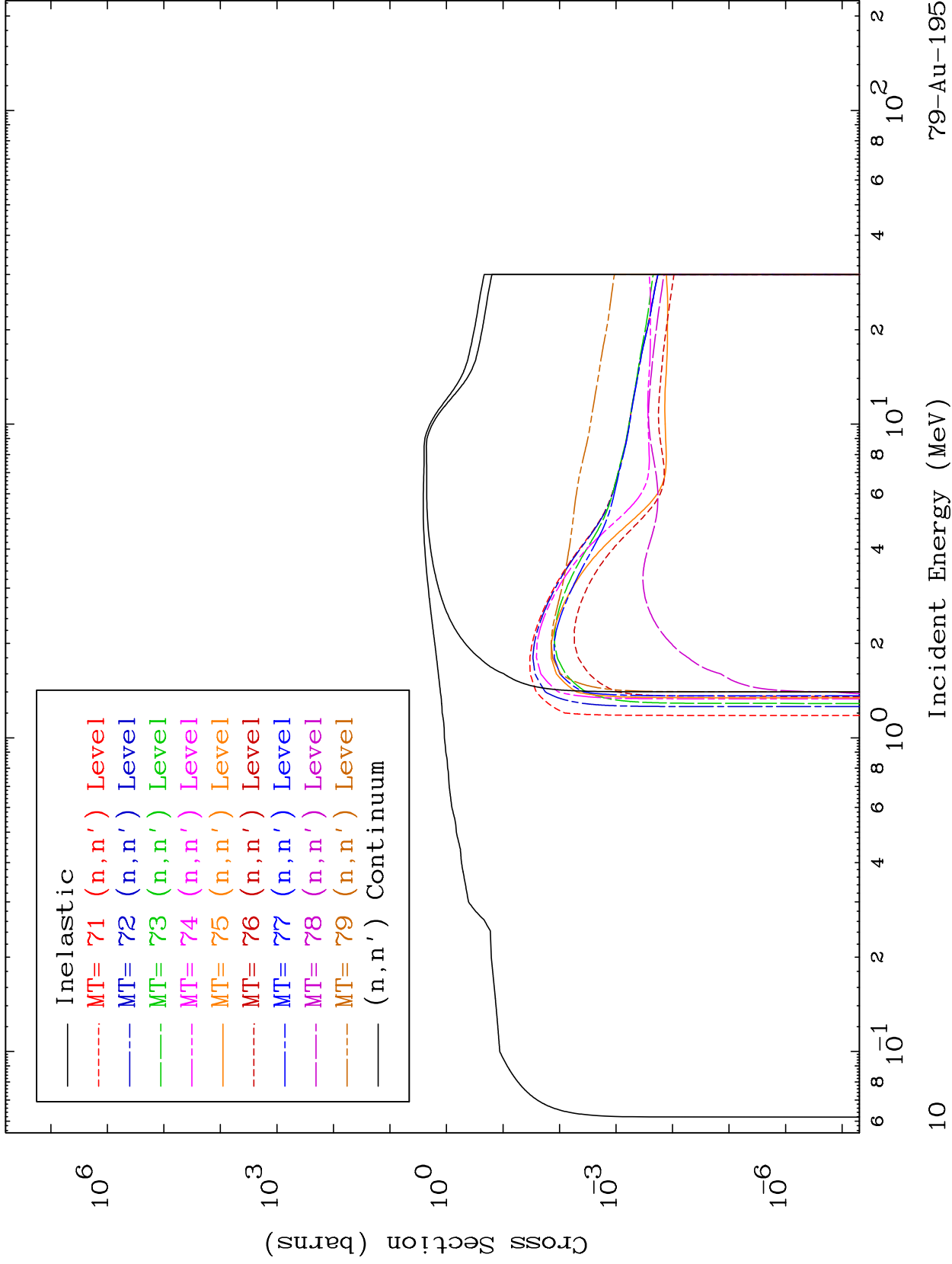
79-Au-195



MAT 7919

(n,n') Levels
293 Kelvin Cross Sections

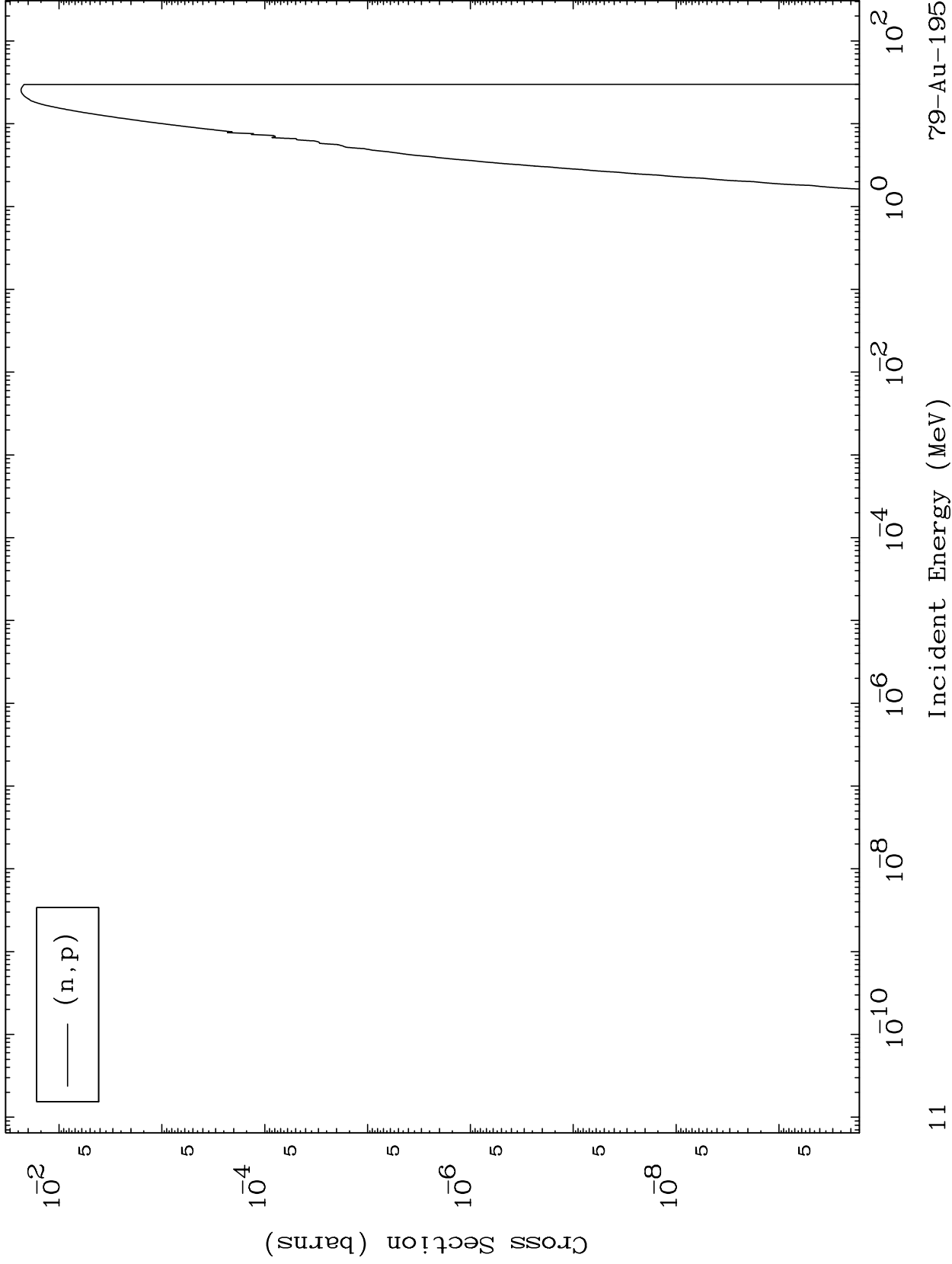
79-Au-195



MAT 7919

(n,p) Levels
293 Kelvin Cross Sections

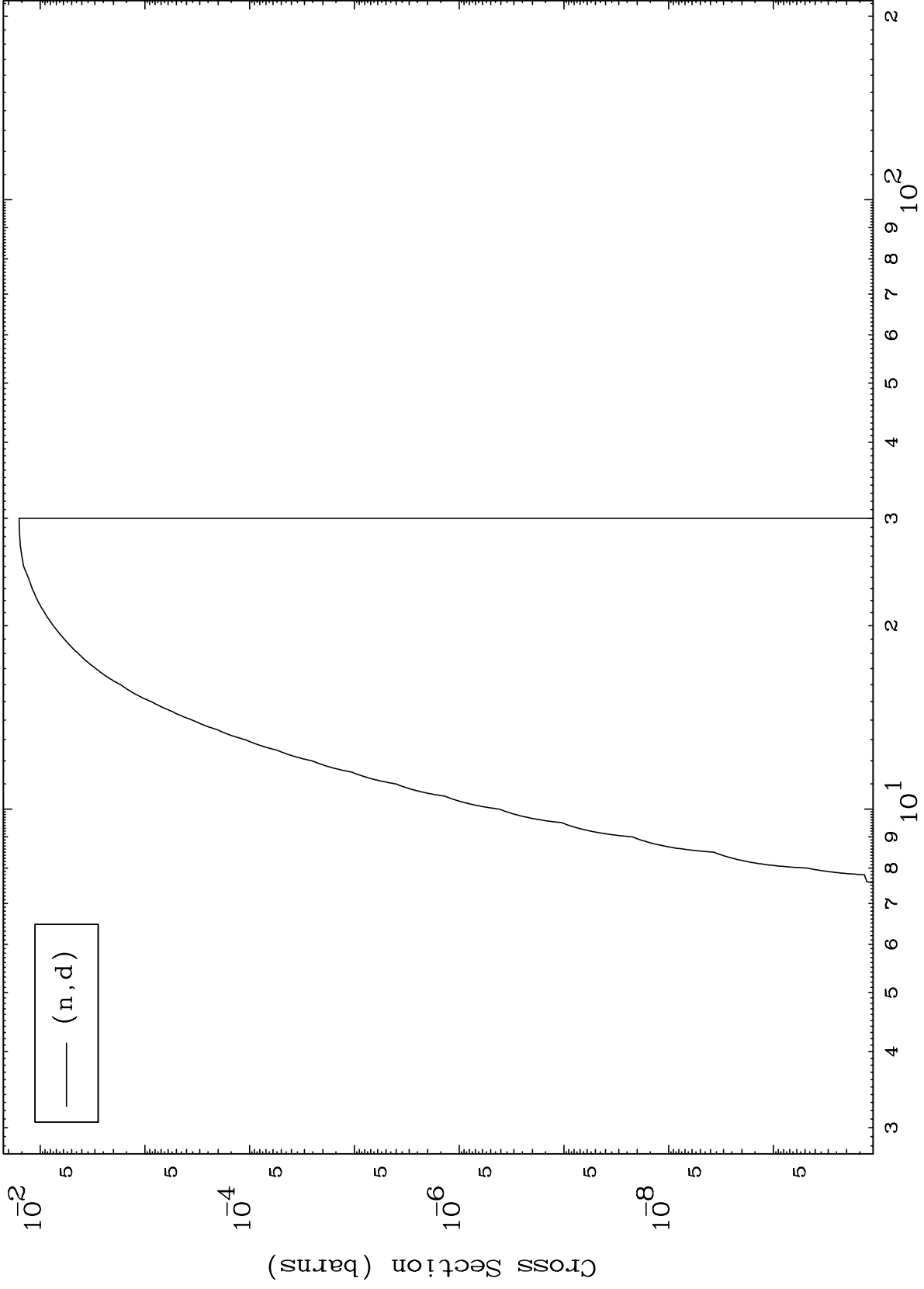
79-Au-195



MAT 7919

(n,d) Levels
293 Kelvin Cross Sections

79-Au-195



(n,d)

12

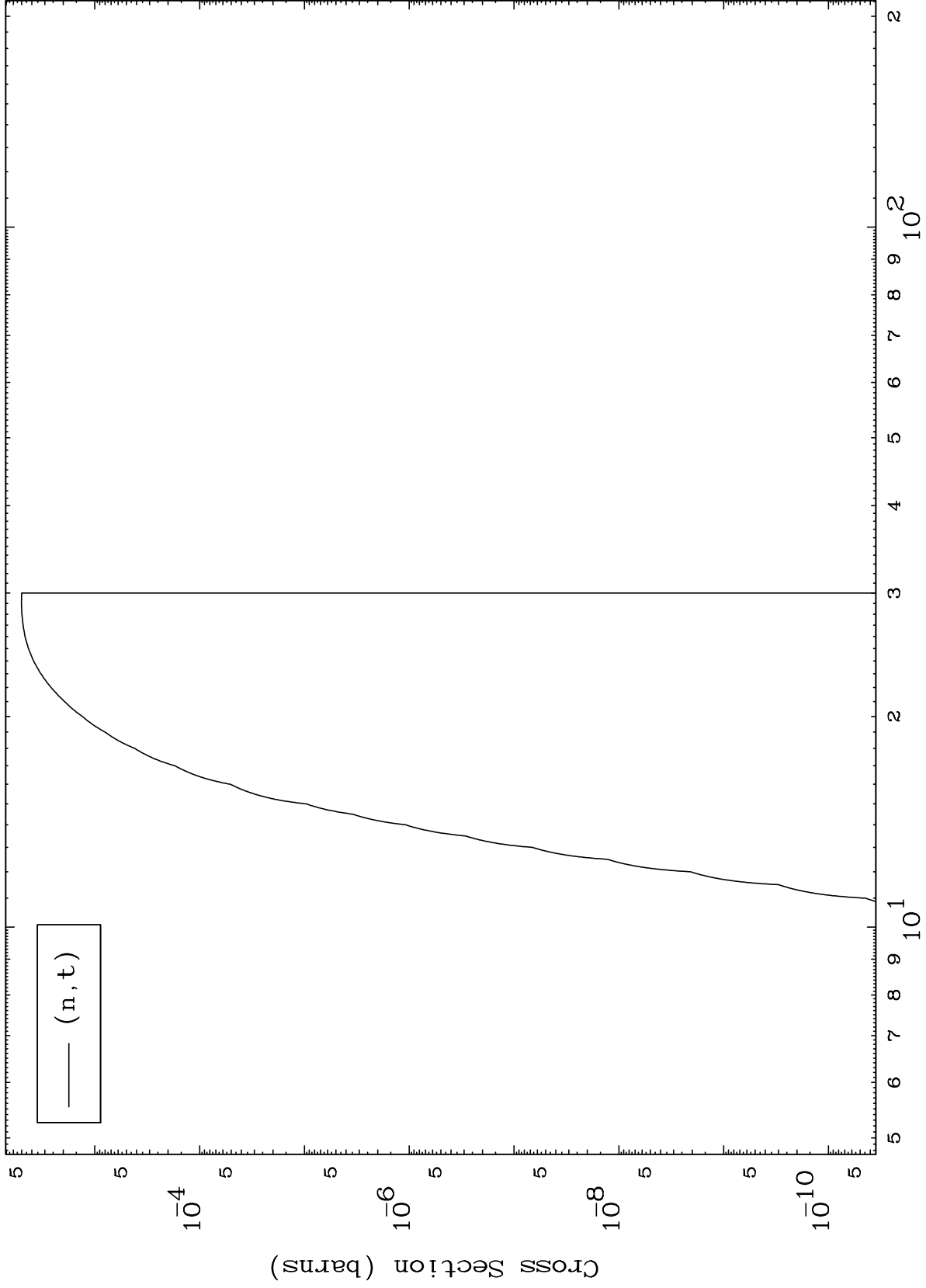
Incident Energy (MeV)

79-Au-195

MAT 7919

(n,t) Levels
293 Kelvin Cross Sections

79-Au-195



13

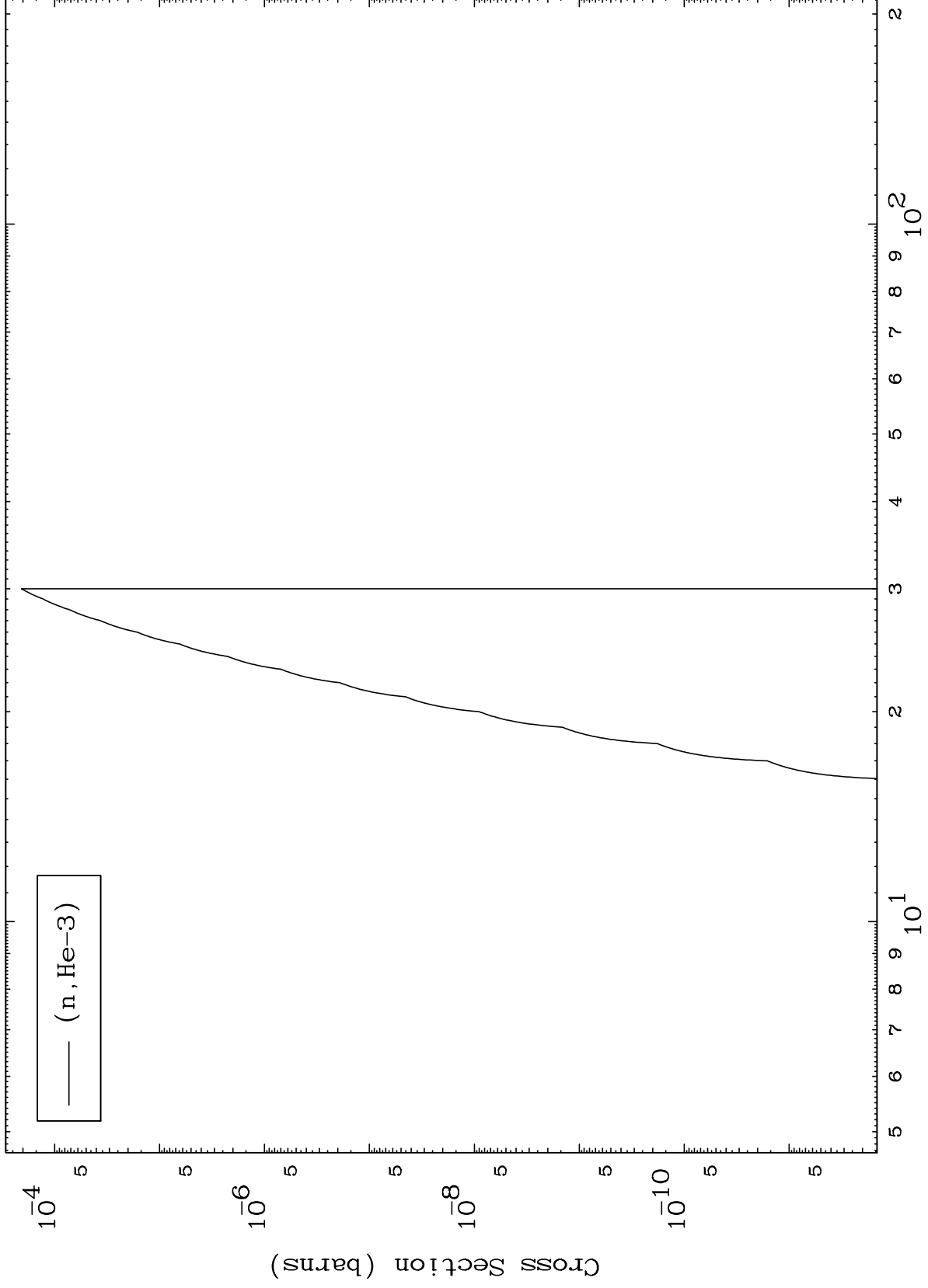
Incident Energy (MeV)

79-Au-195

MAT 7919

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-195



14

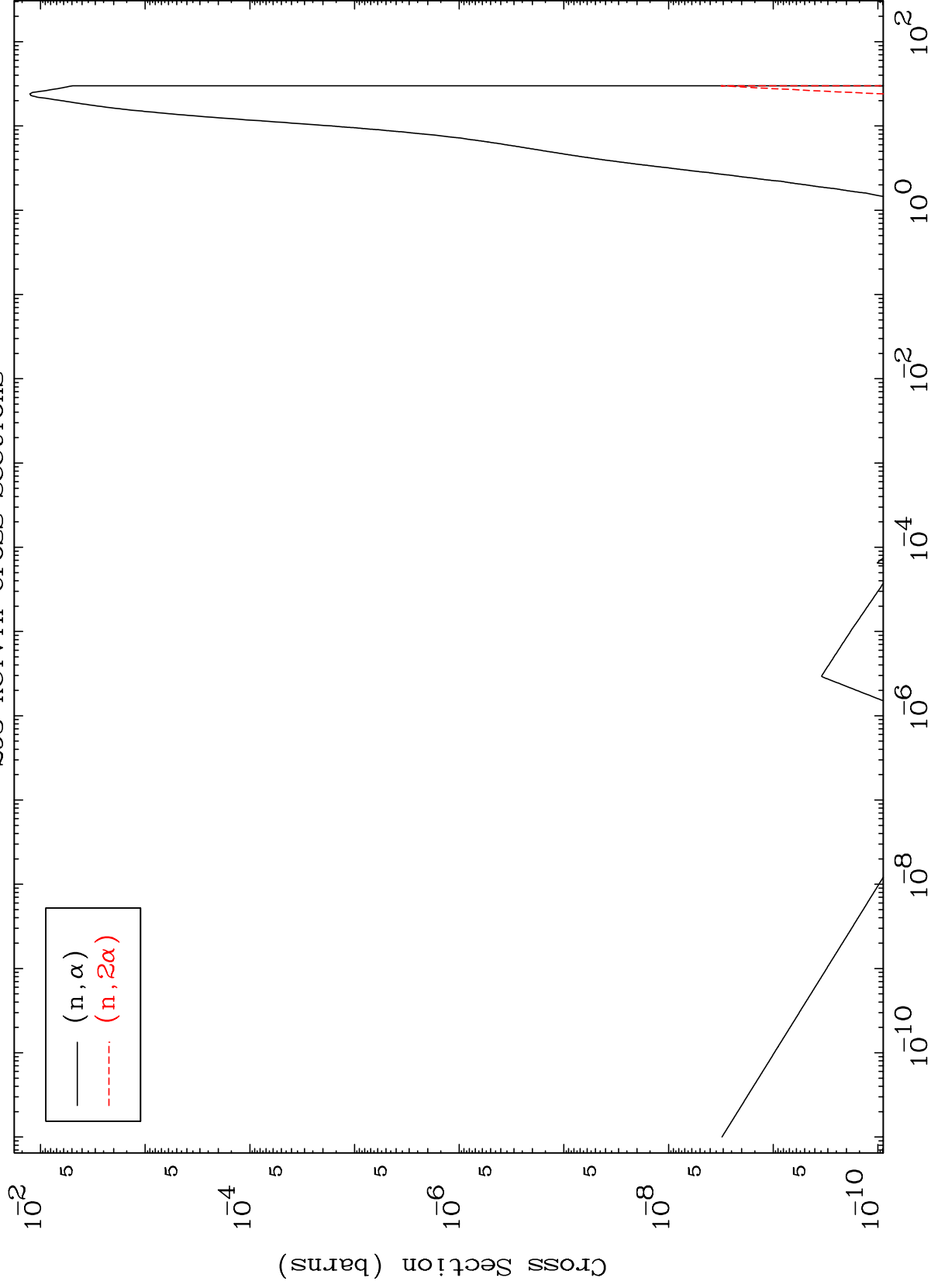
Incident Energy (MeV)

79-Au-195

MAT 7919

(n, α) Levels
293 Kelvin Cross Sections

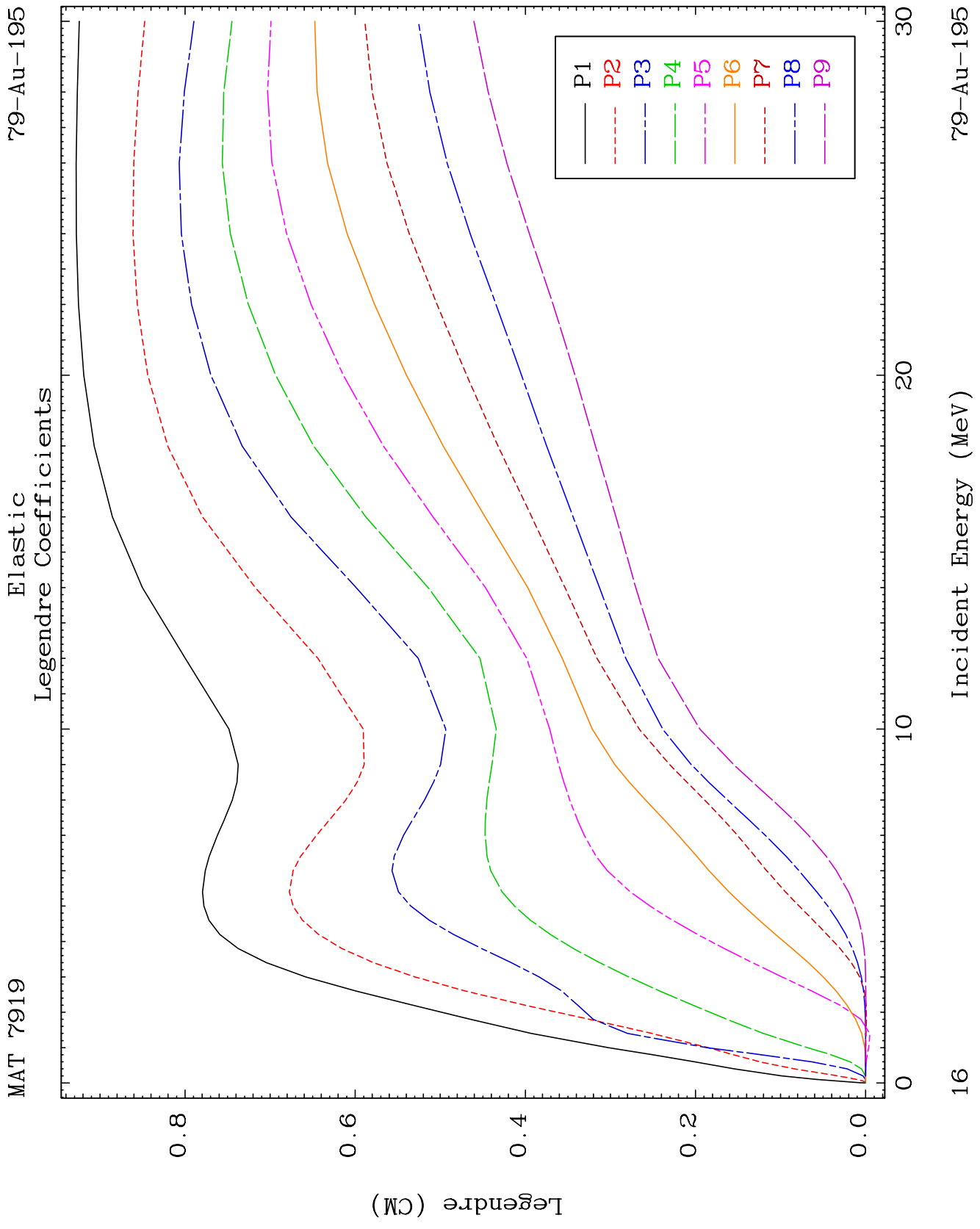
79-Au-195

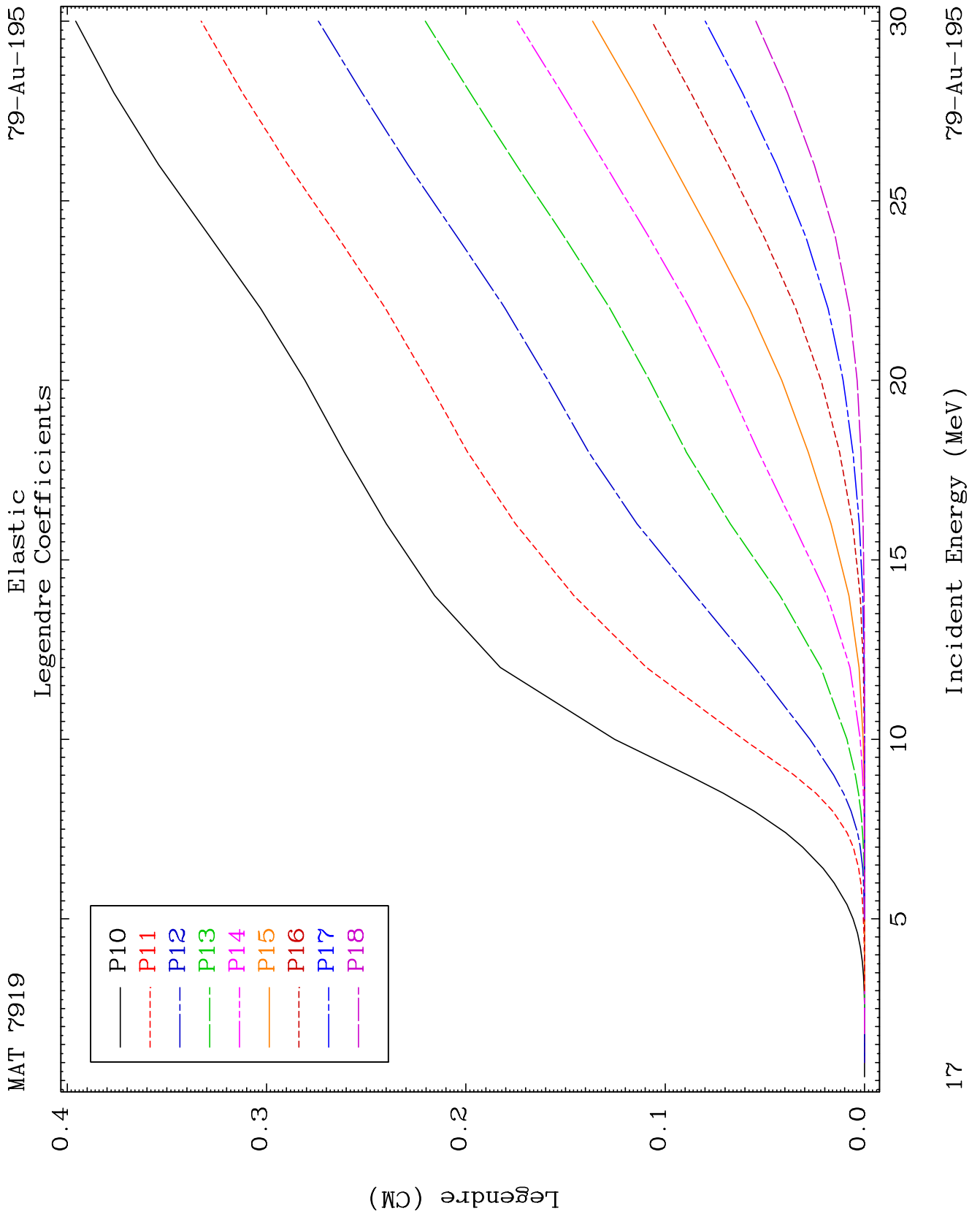


15

Incident Energy (MeV)

79-Au-195

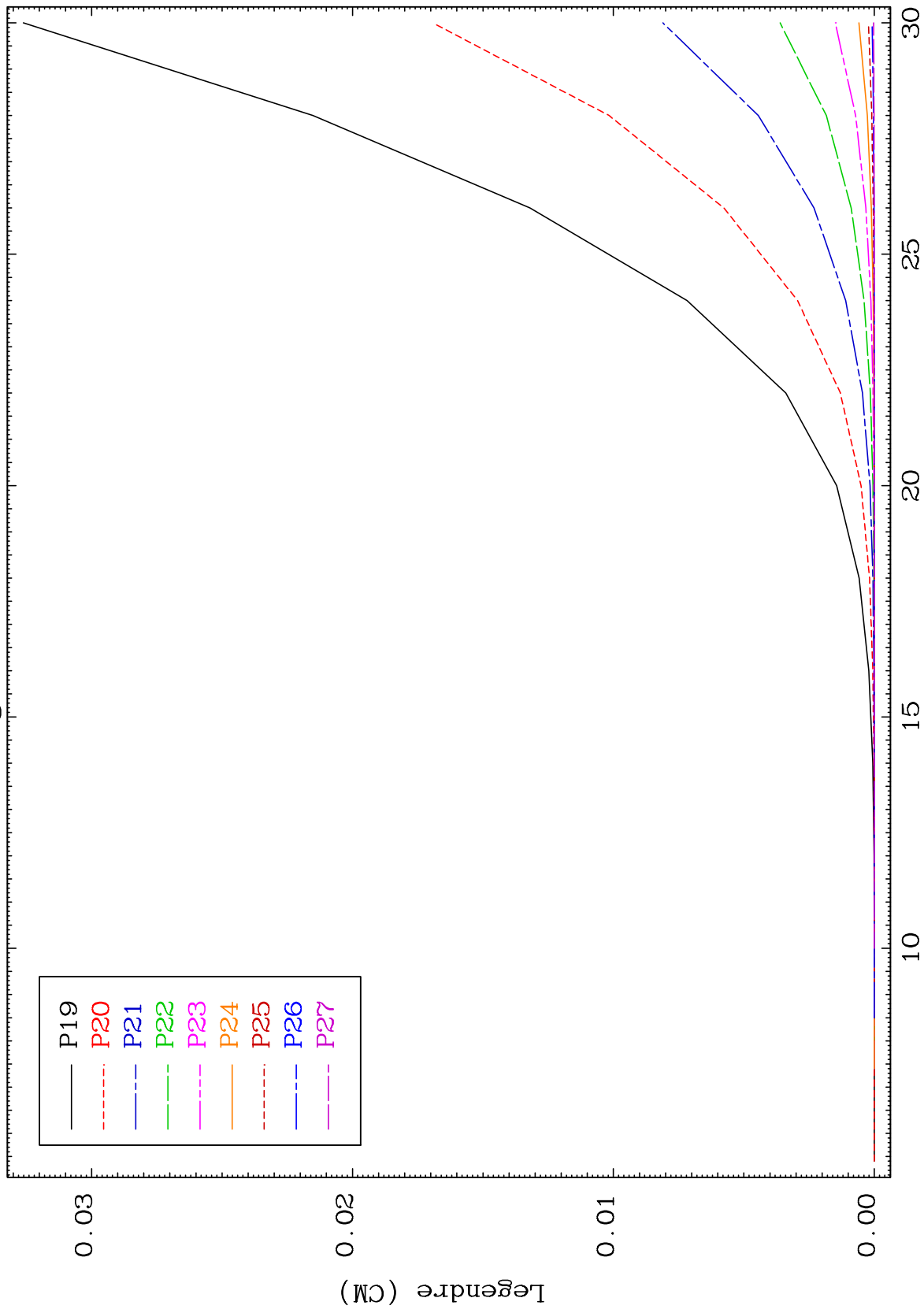




MAT 7919

Elastic
Legendre Coefficients

79-Au-195



18

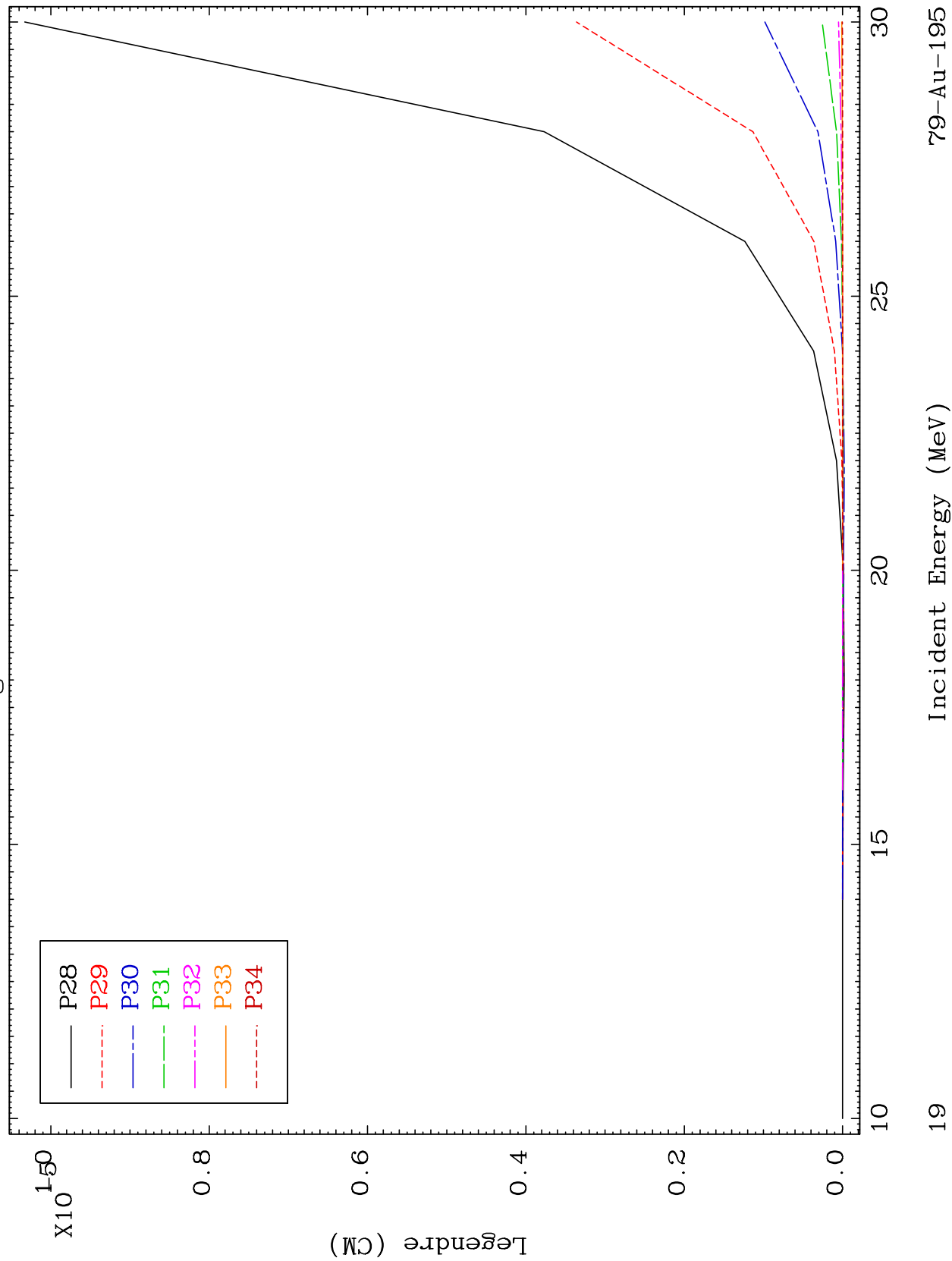
Incident Energy (MeV)

79-Au-195

MAT 7919

Elastic
Legendre Coefficients

79-Au-195



19

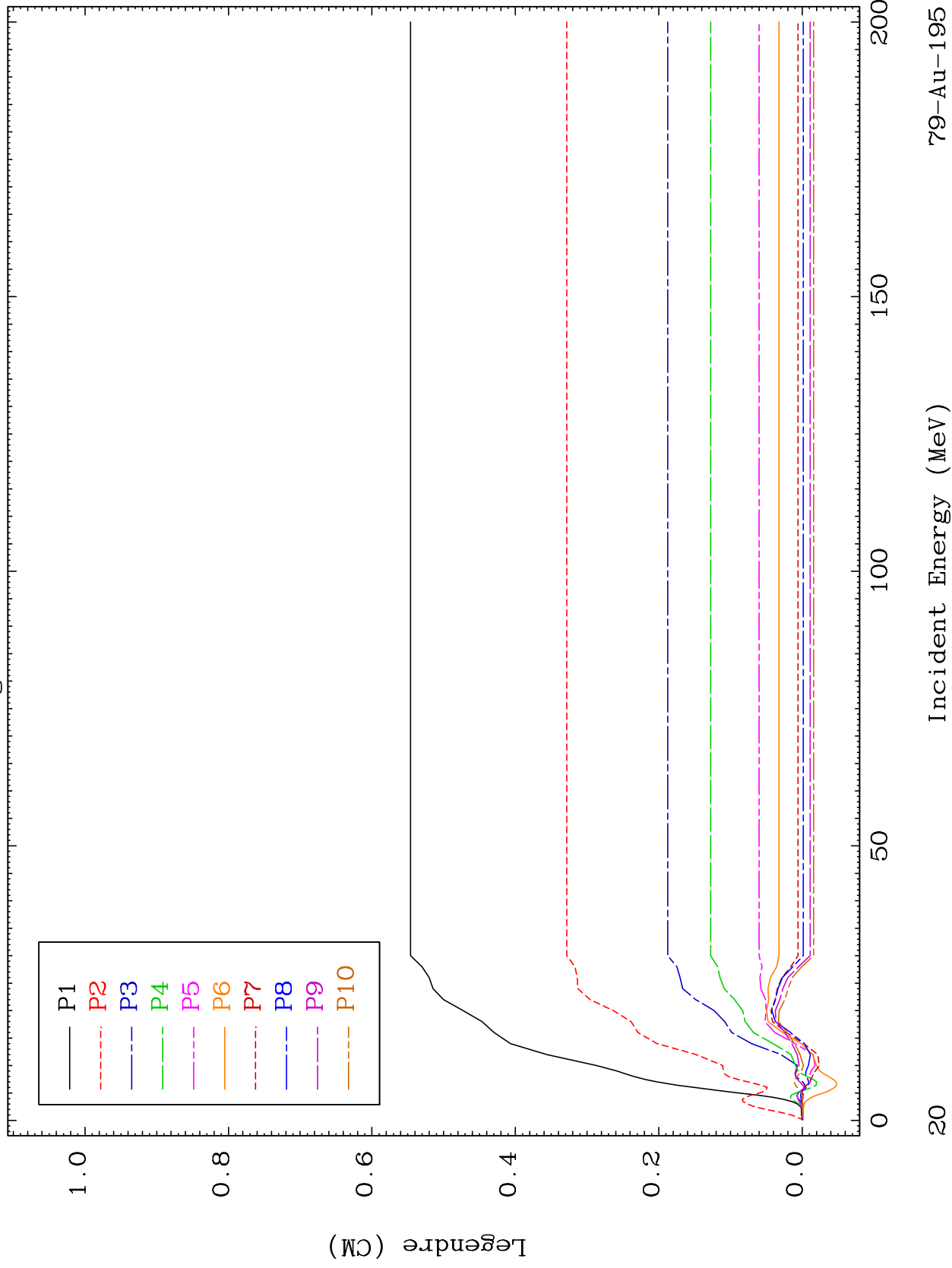
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



79-Au-195

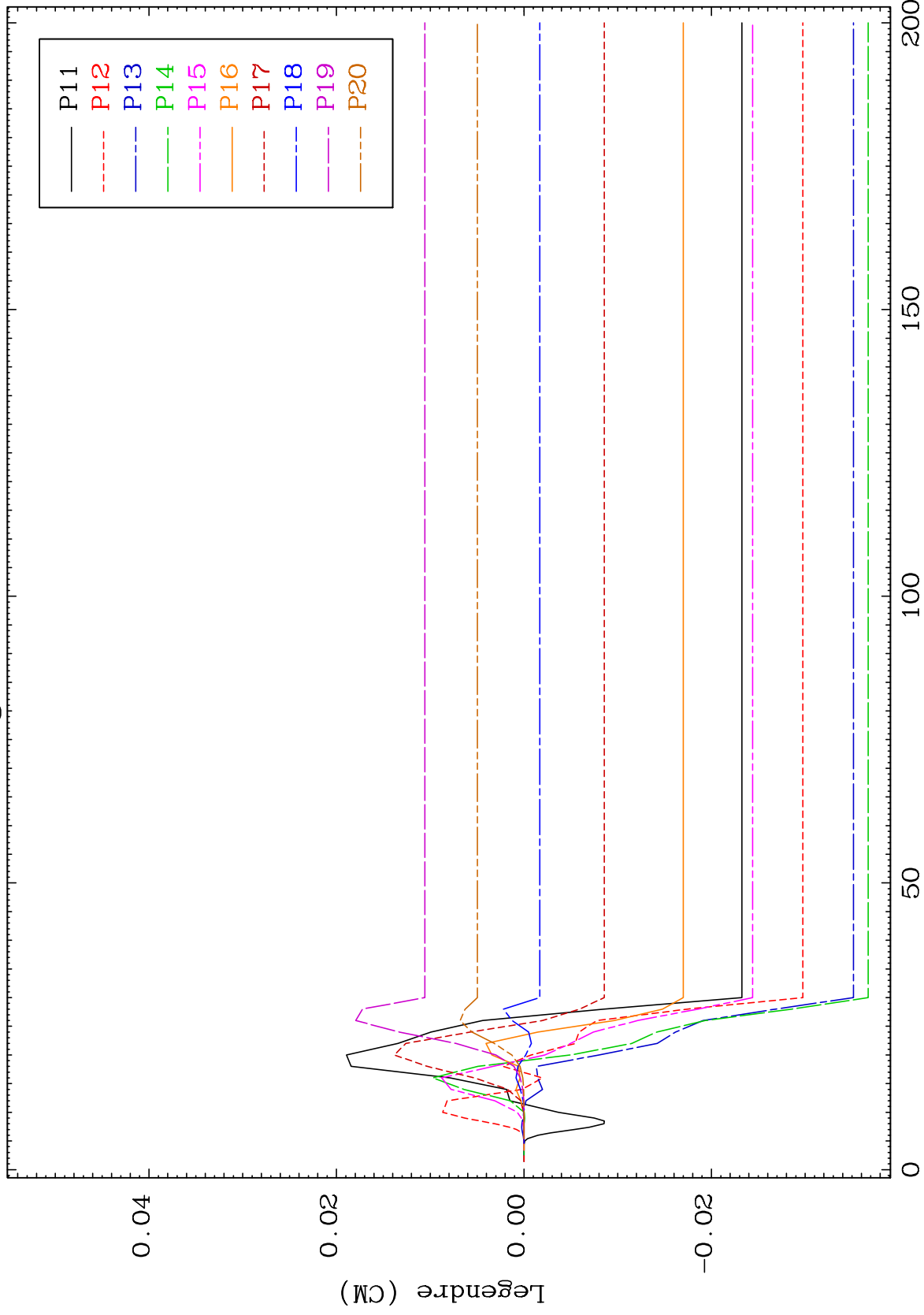
Incident Energy (MeV)

20

MAT 7919

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

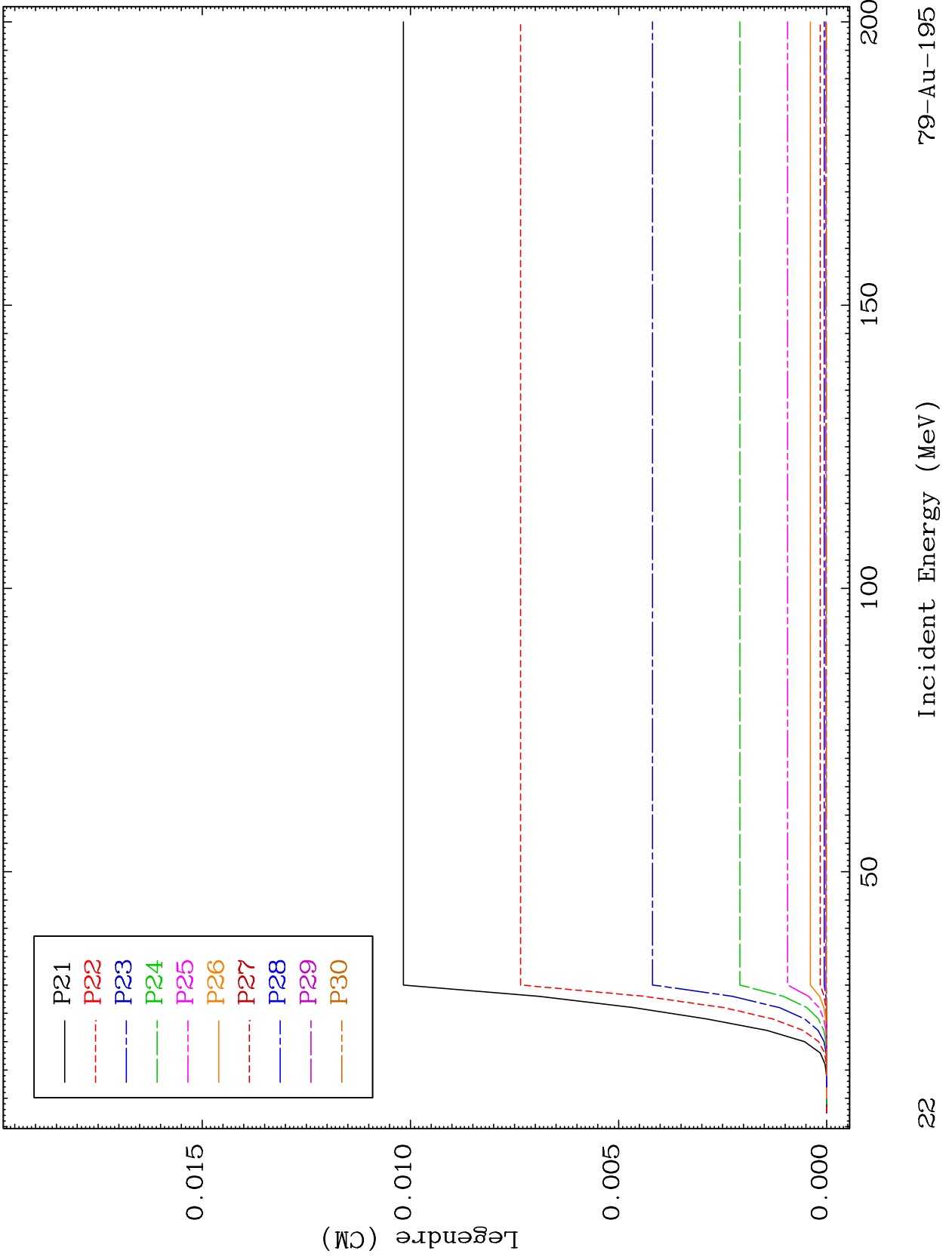
79-Au-195

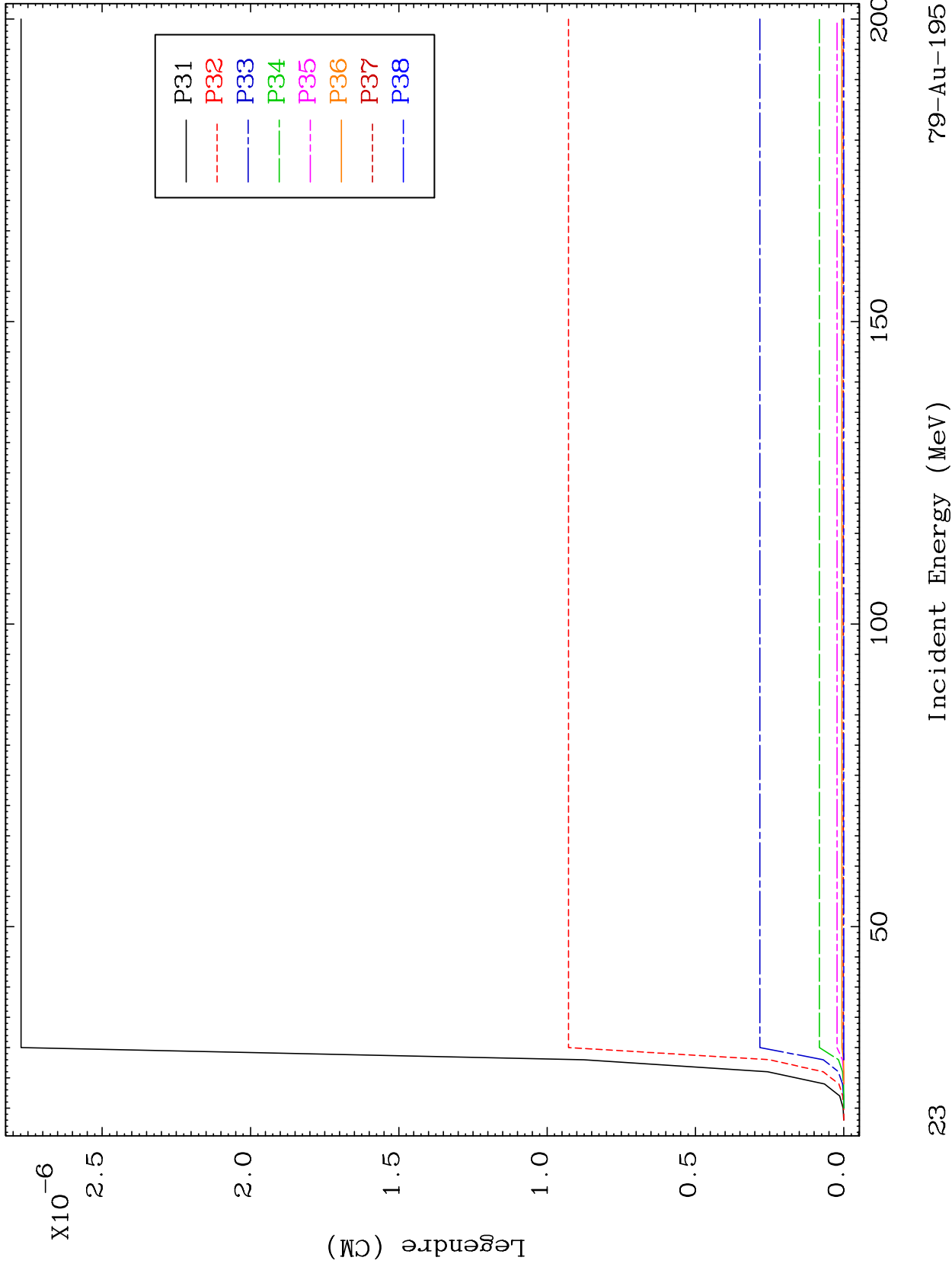


21

Incident Energy (MeV)

79-Au-195

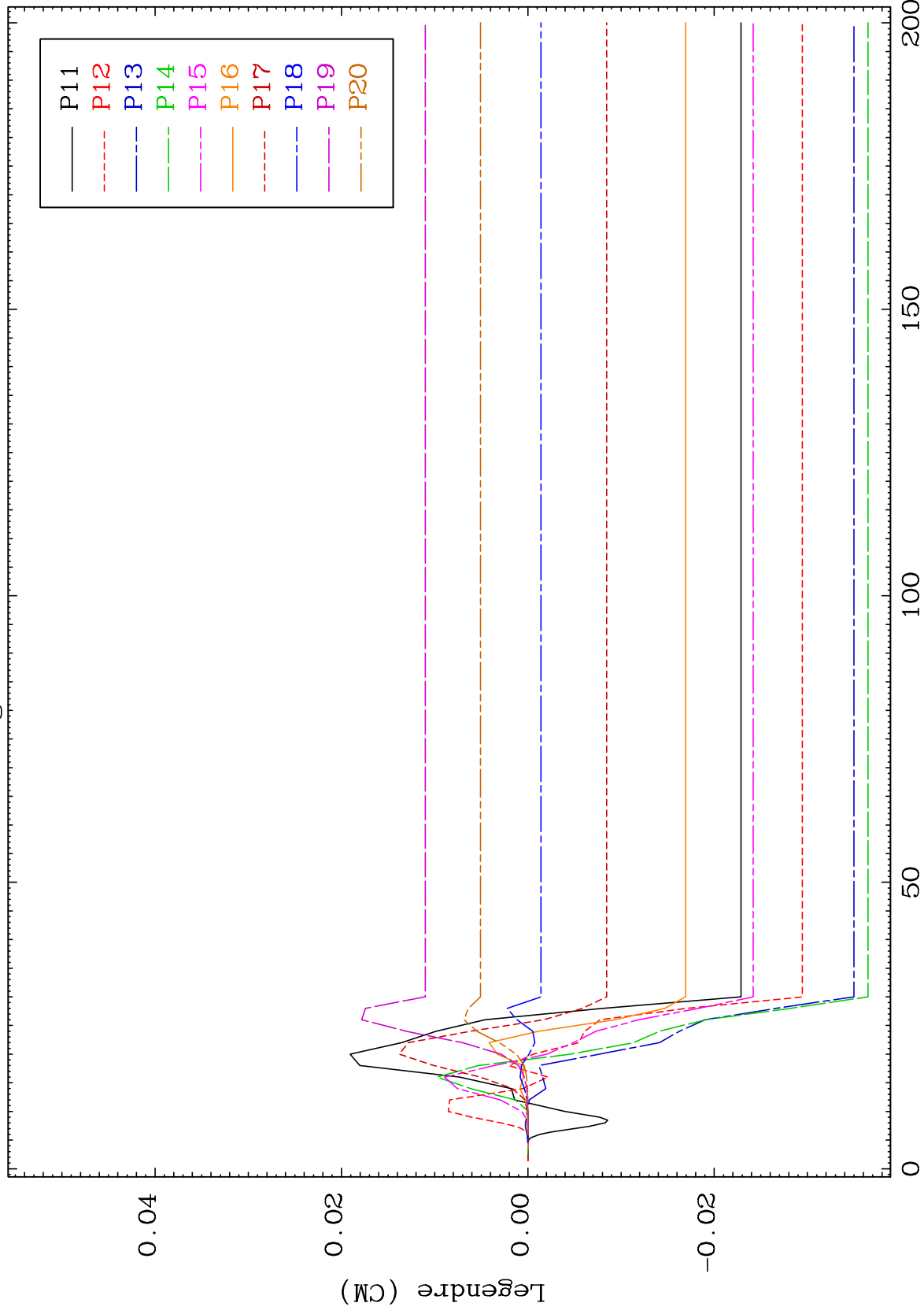




MAT 7919

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

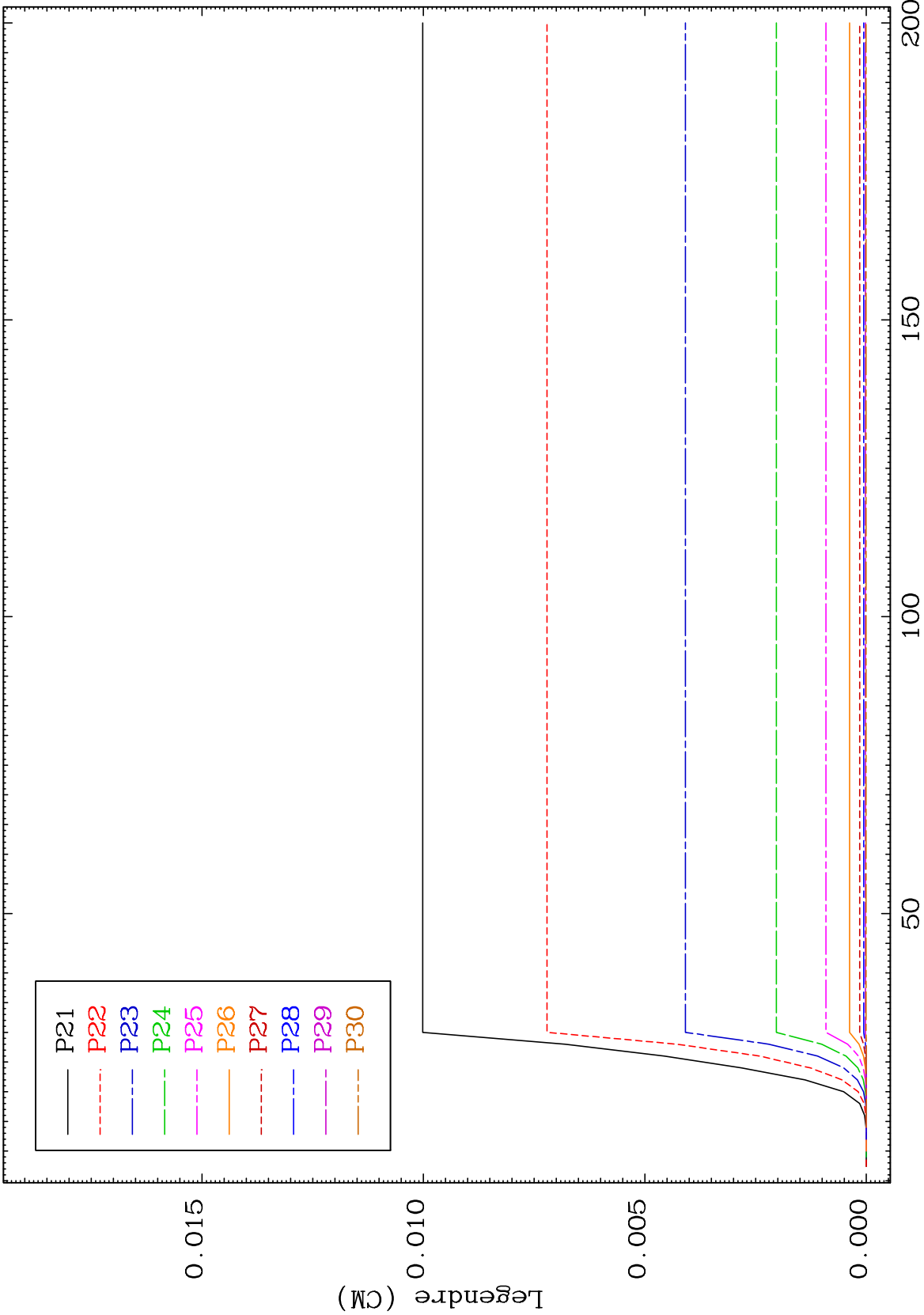
79-Au-195



25

Incident Energy (MeV)

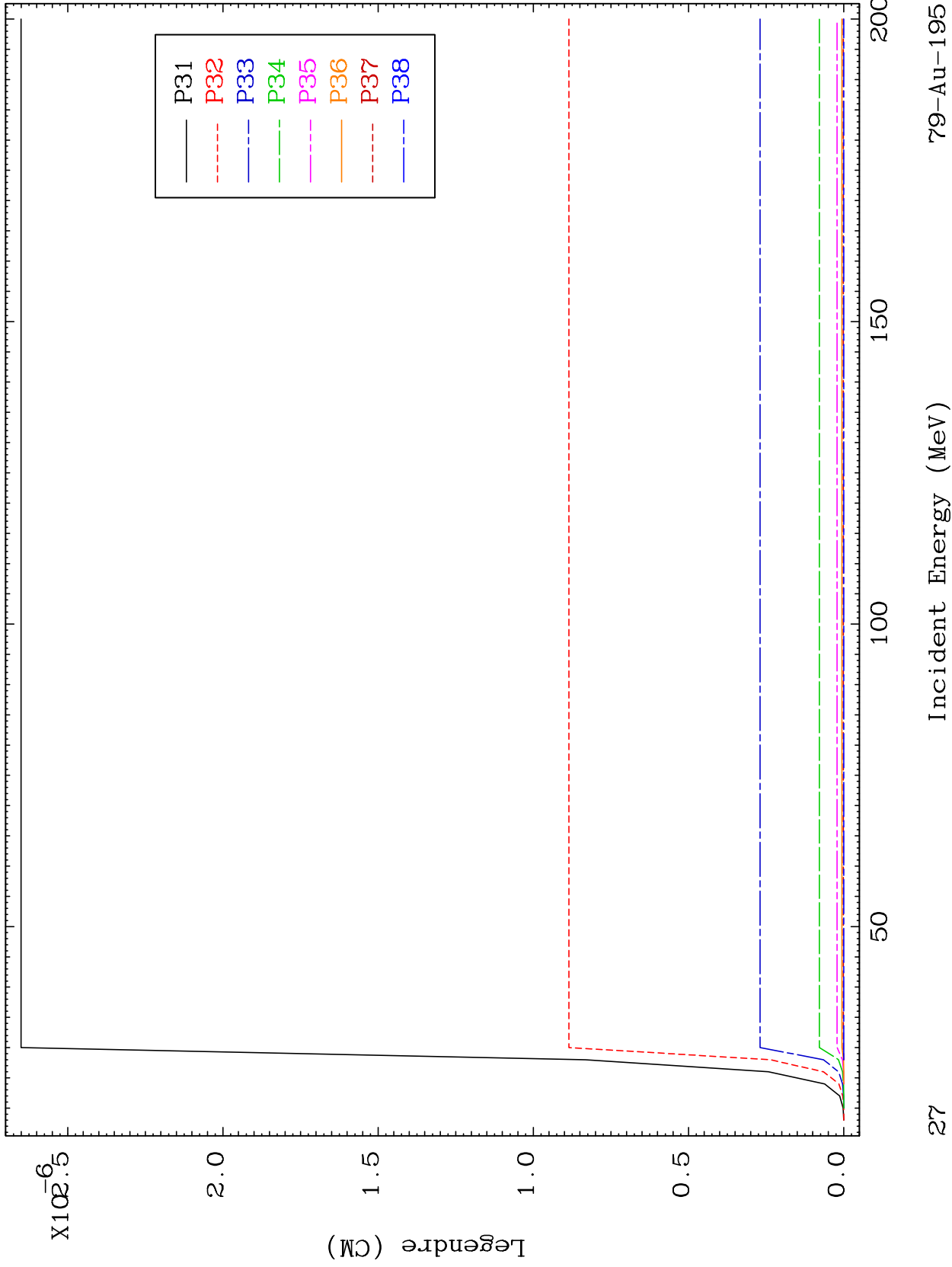
79-Au-195



MAT 7919

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

79-Au-195



27

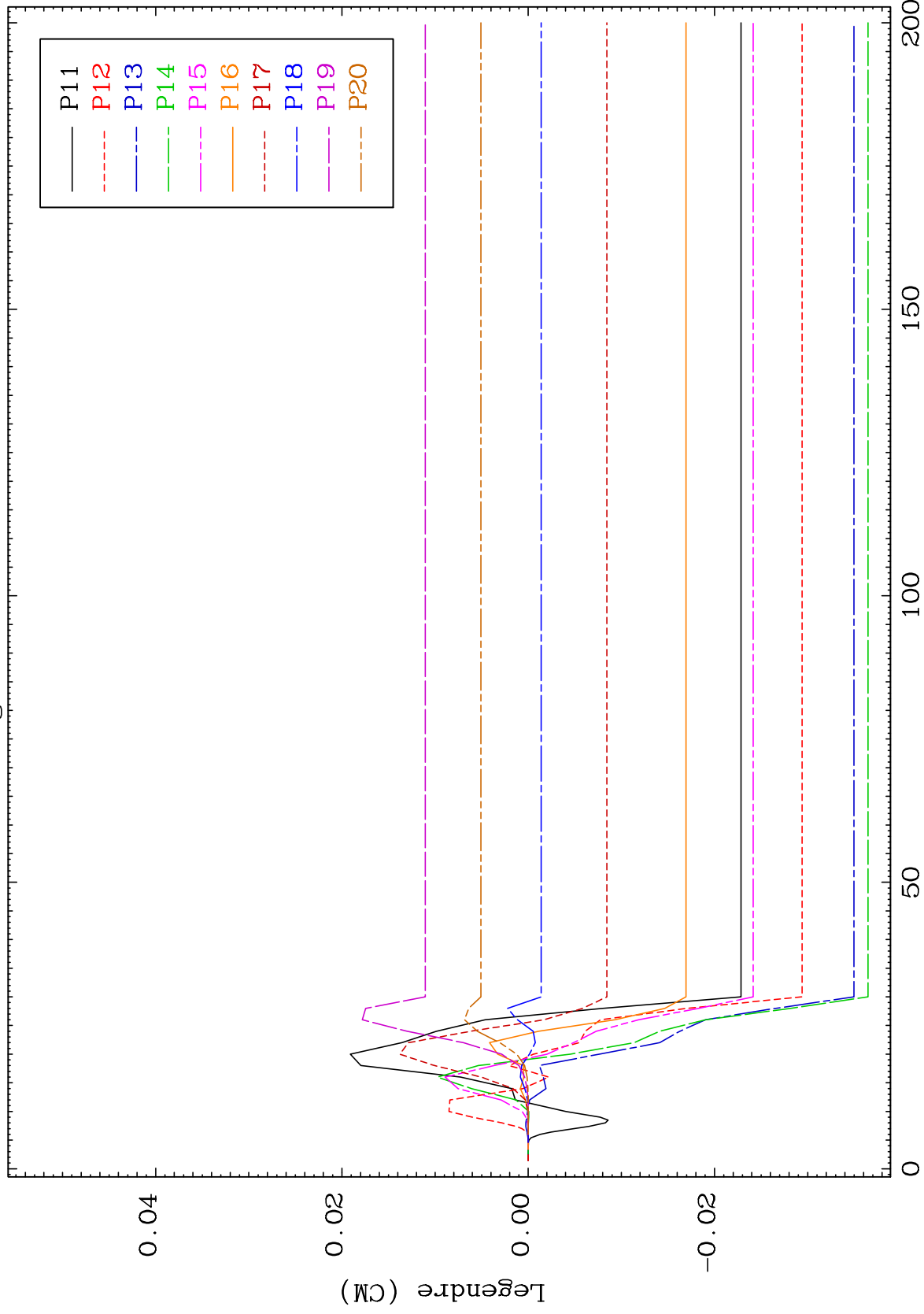
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



29

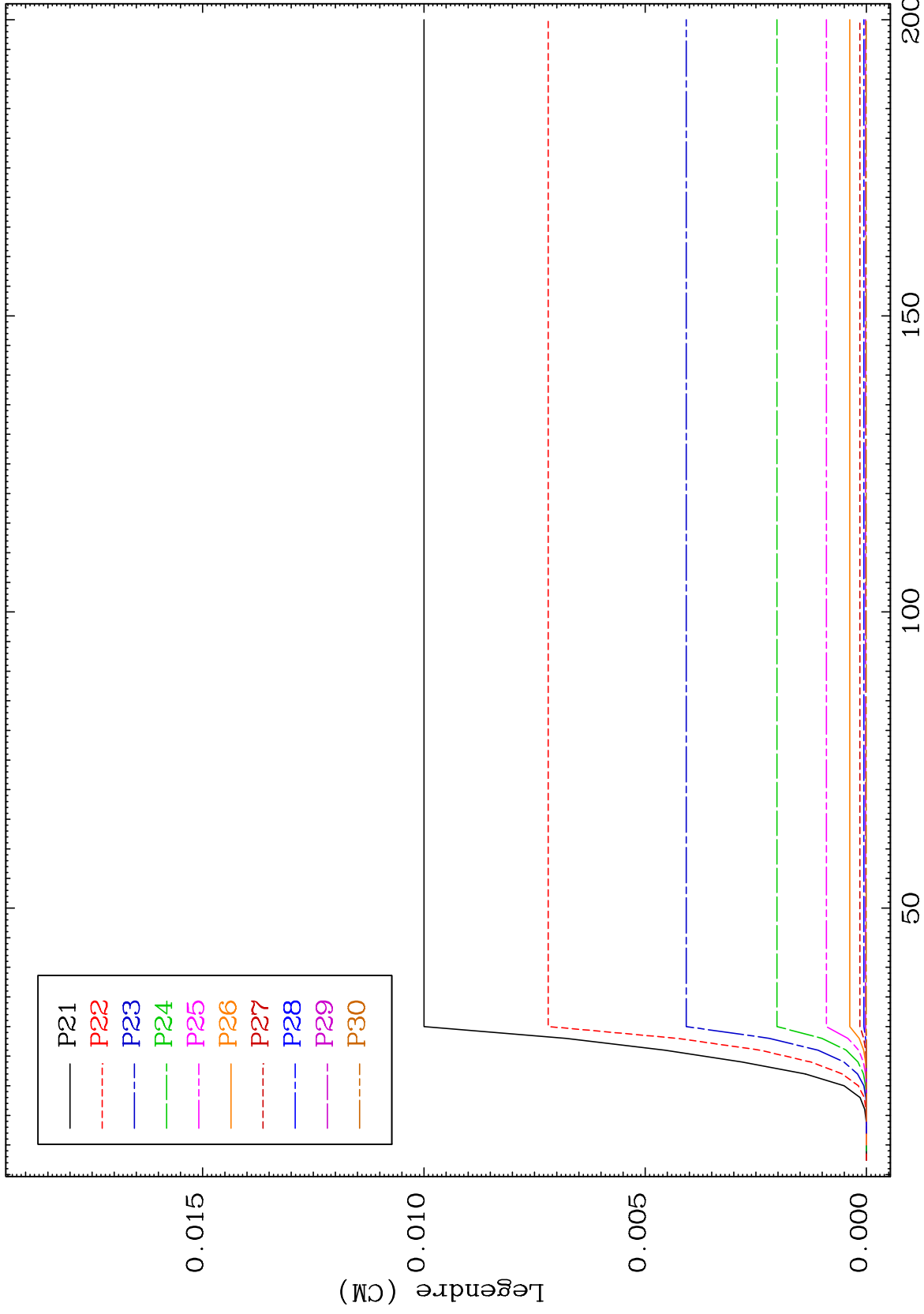
Incident Energy (MeV)

79-Au-195

MAT 7919

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

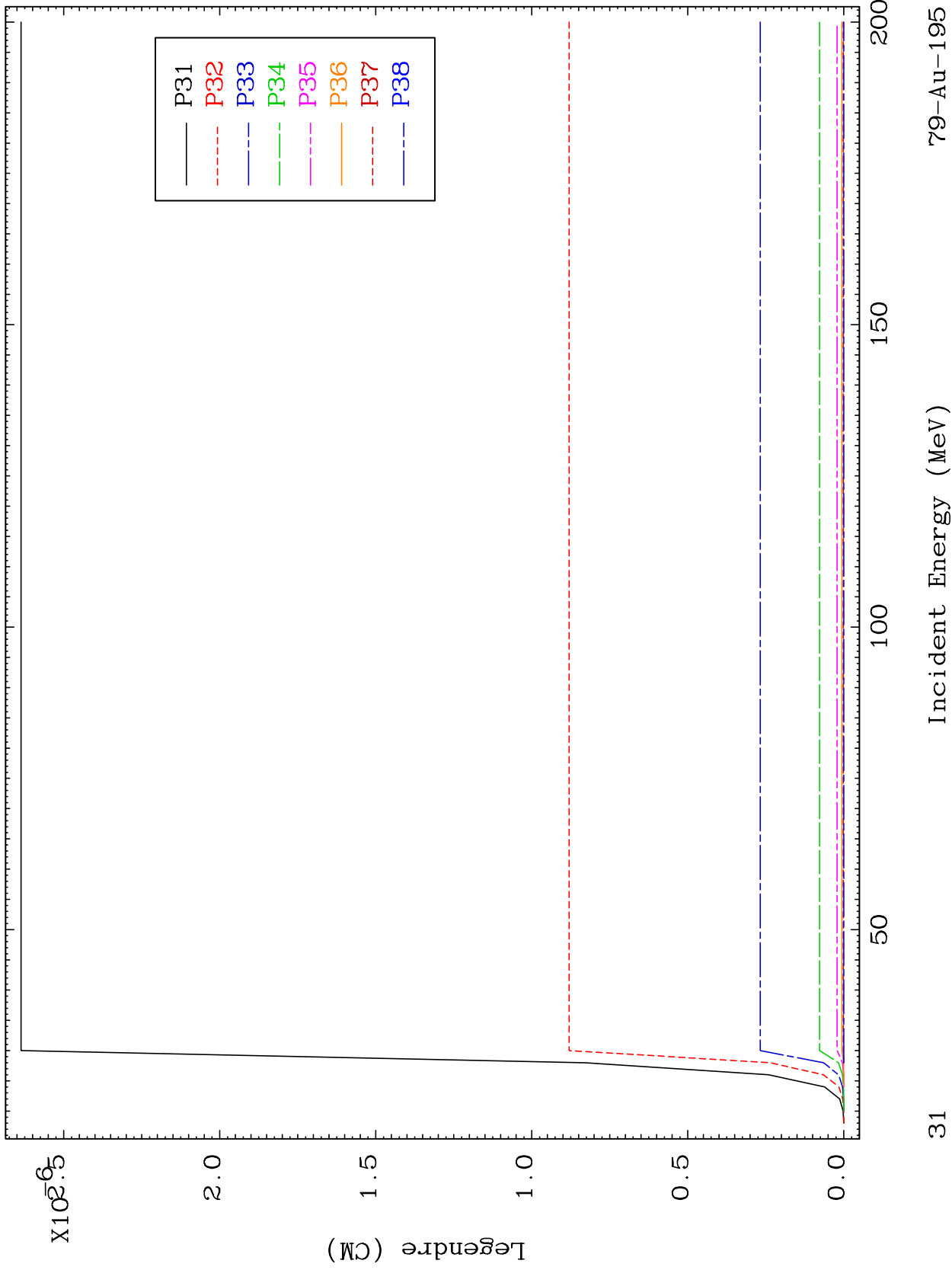
79-Au-195



30

Incident Energy (MeV)

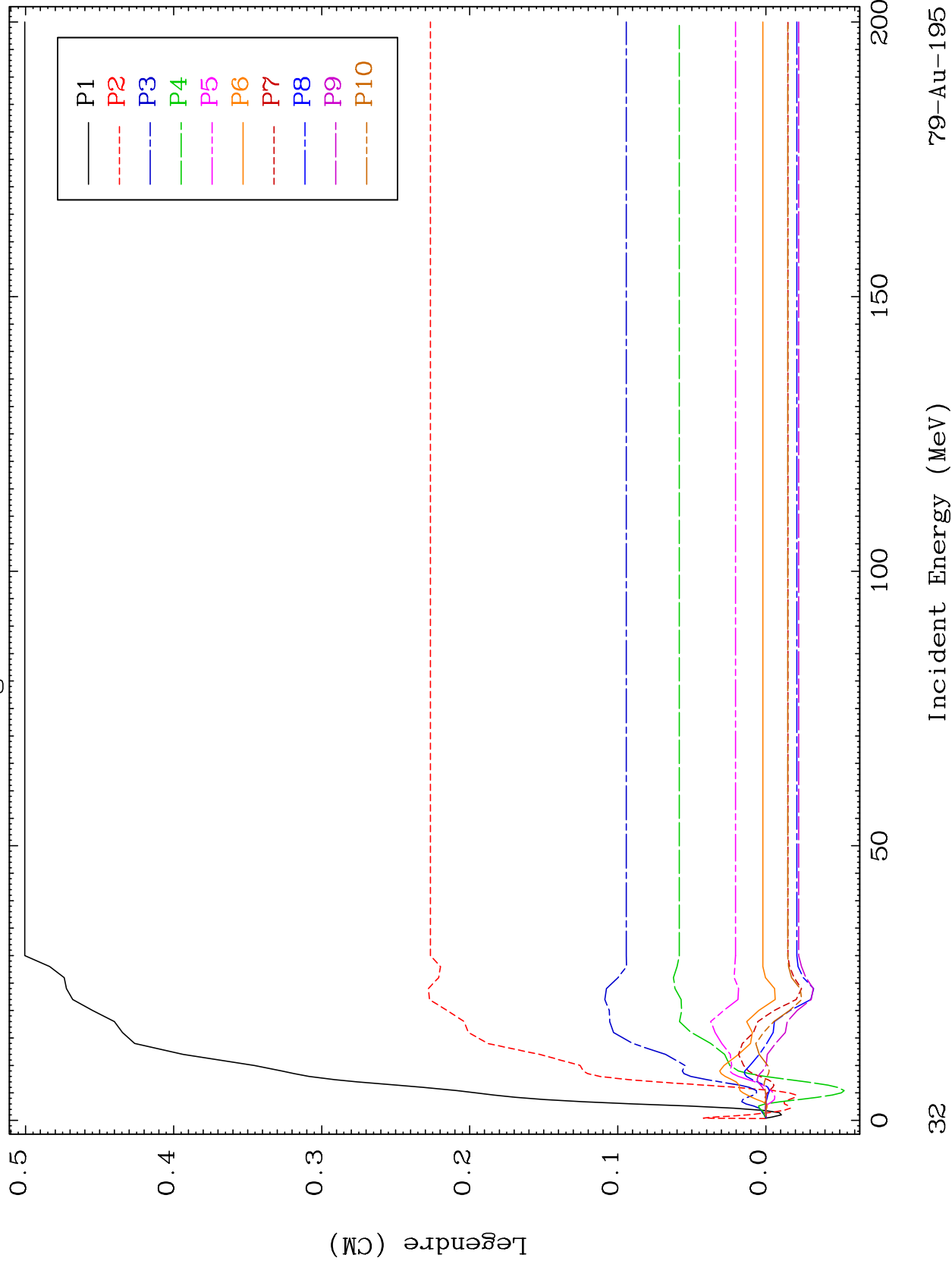
79-Au-195



MAT 7919

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

79-Au-195



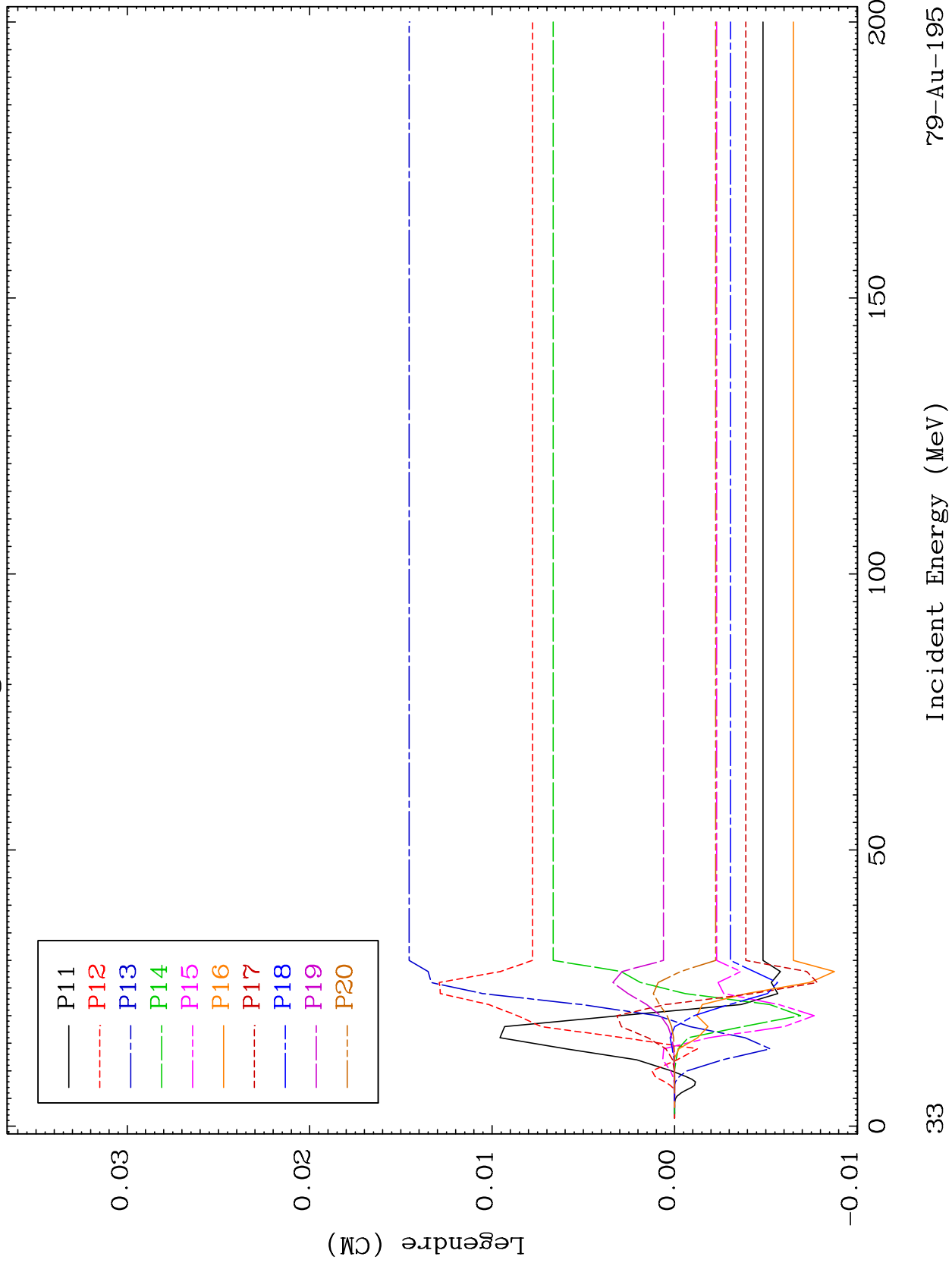
32

79-Au-195

MAT 7919

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

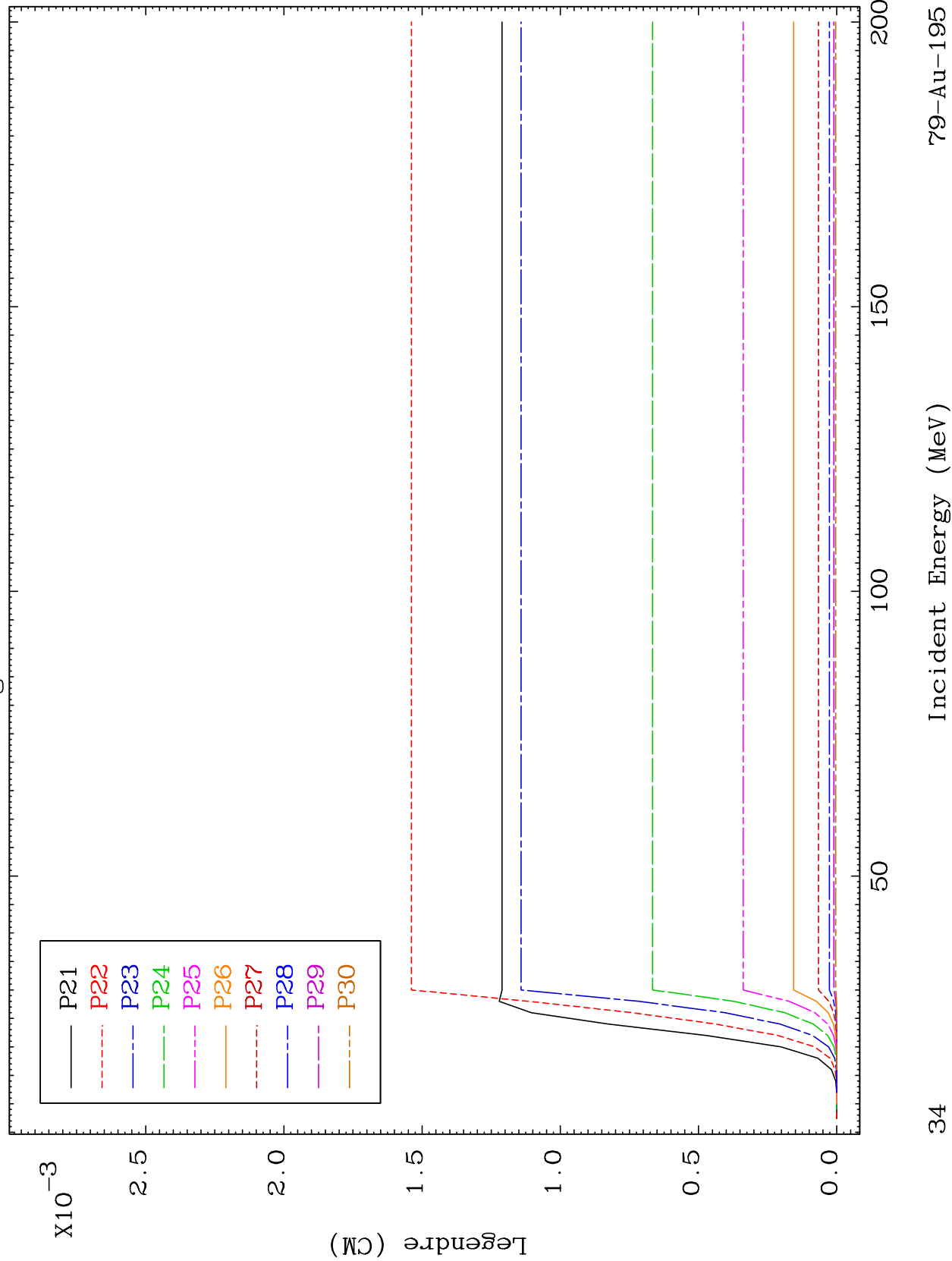
79-Au-195



33

Incident Energy (MeV)

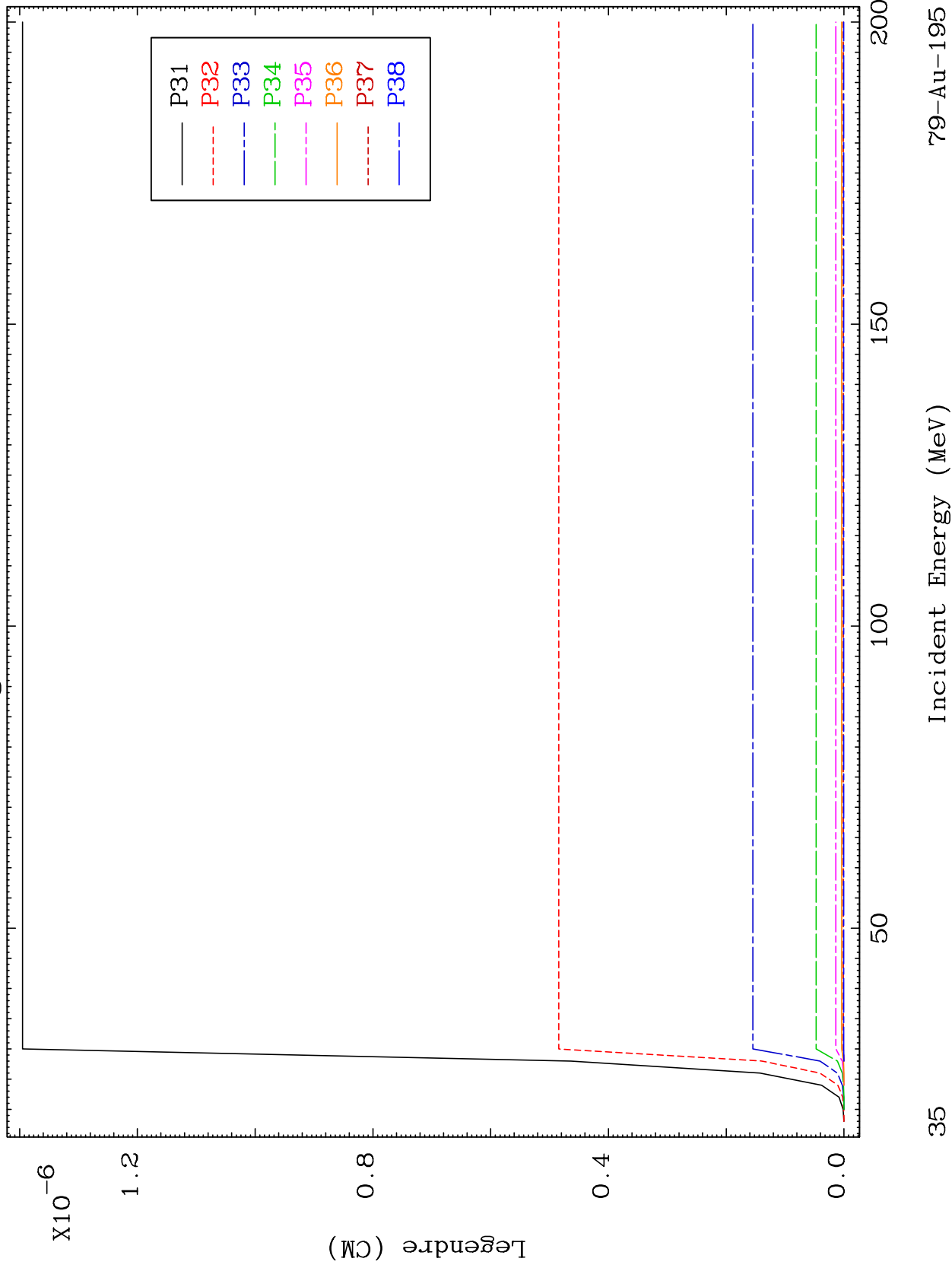
79-Au-195



MAT 7919

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

79-Au-195



35

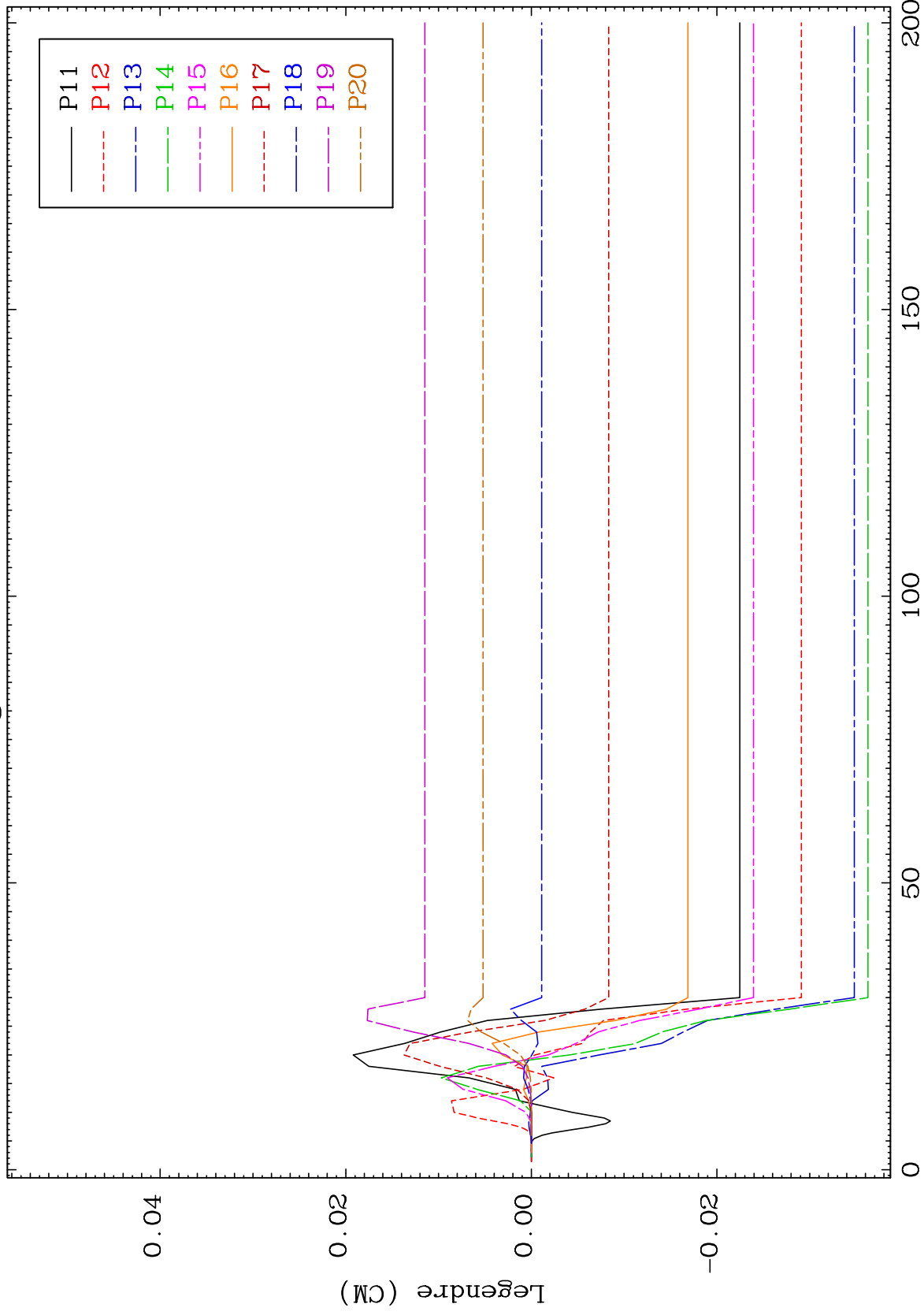
Incident Energy (MeV)

79-Au-195

MAT 7919

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

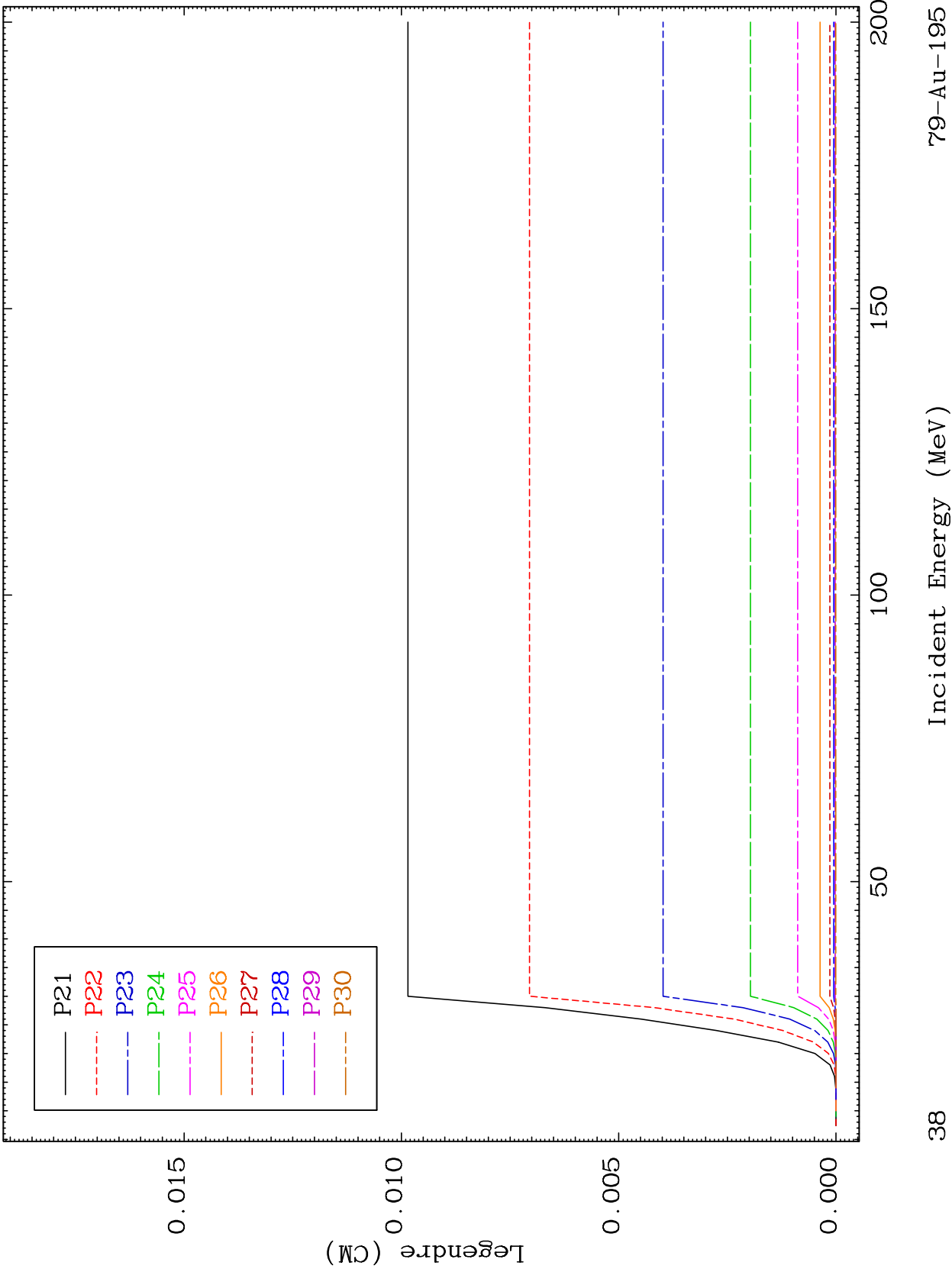
79-Au-195



37

Incident Energy (MeV)

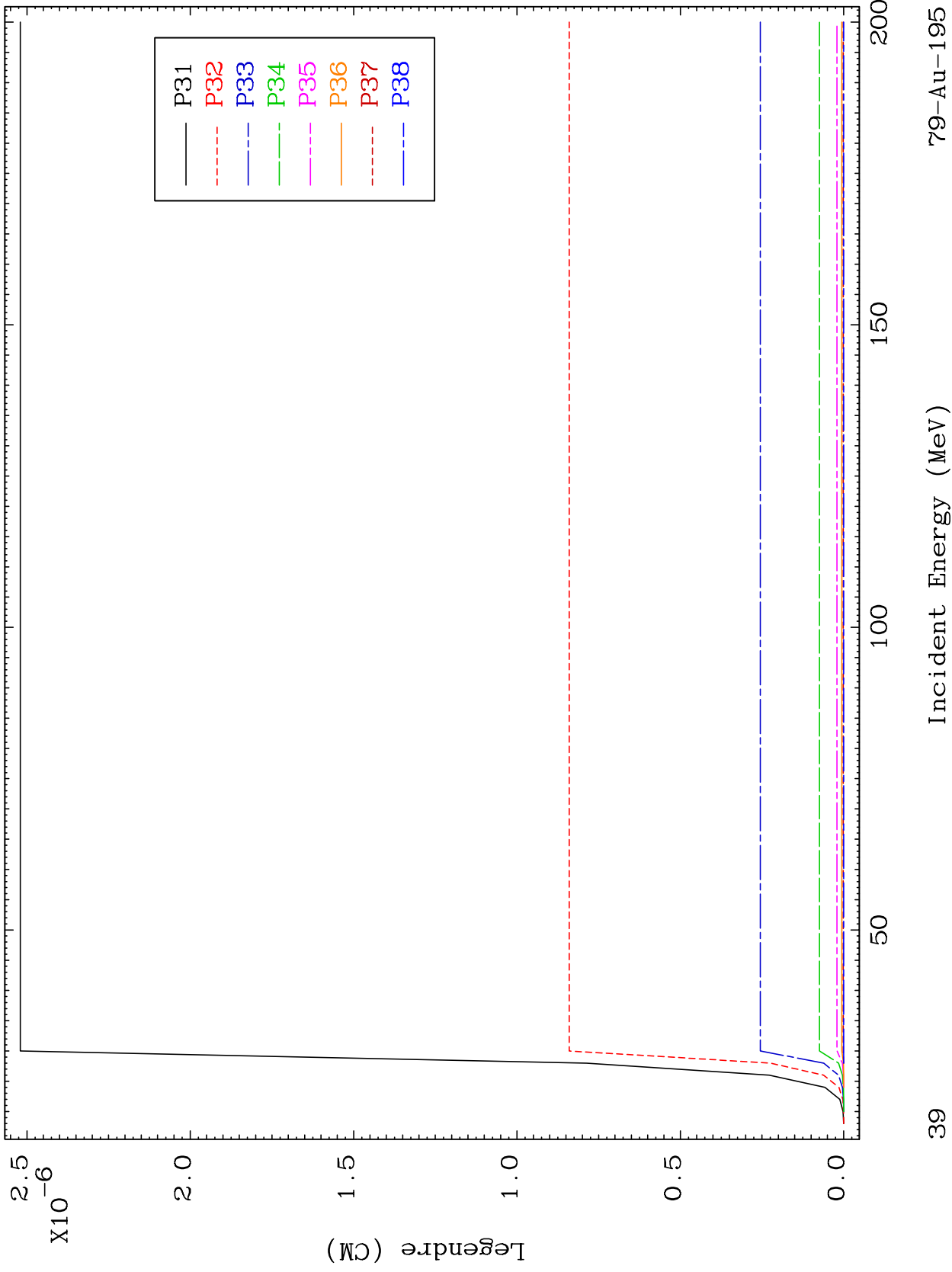
79-Au-195



MAT 7919

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

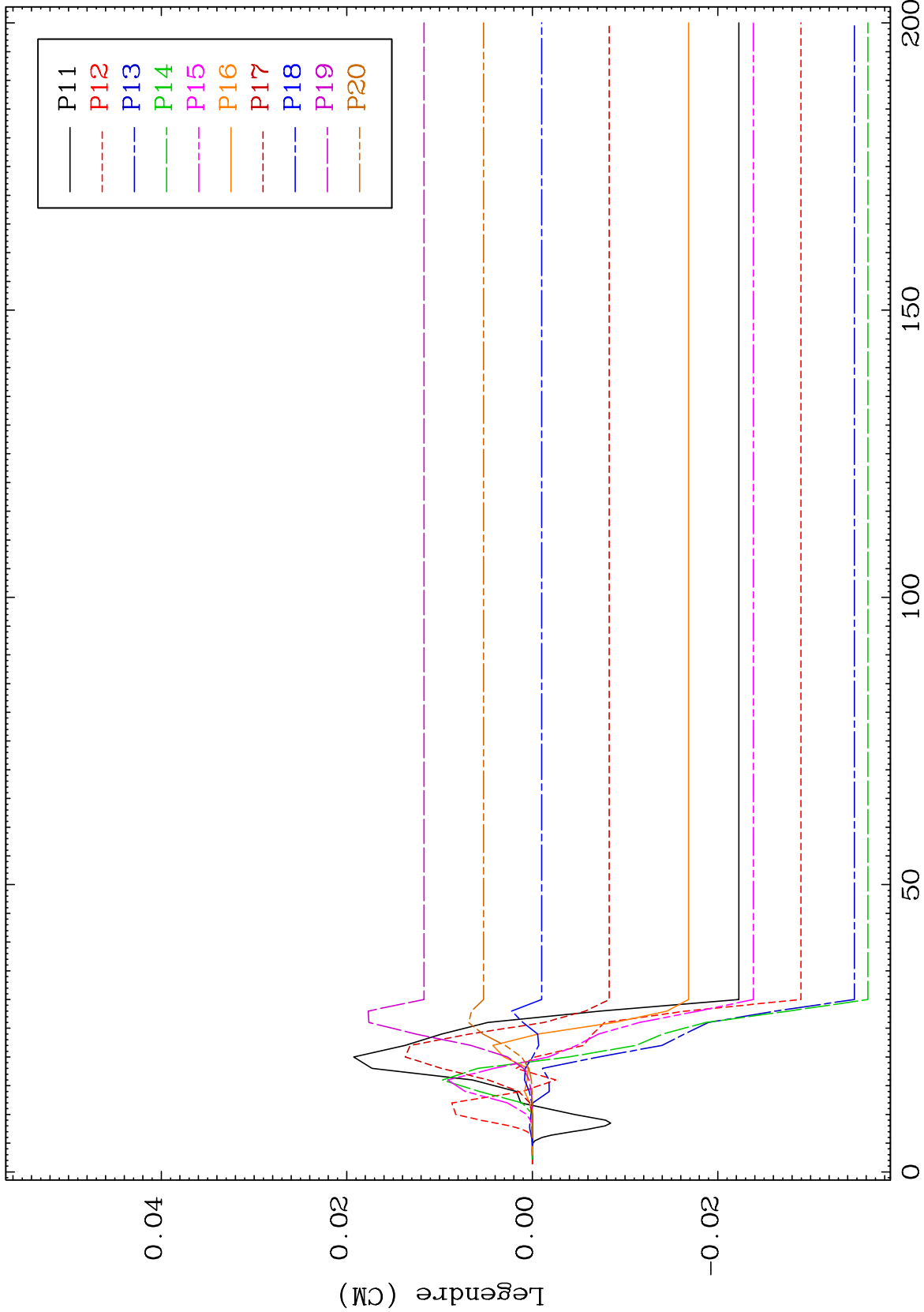
79-Au-195



MAT 7919

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

79-Au-195



41

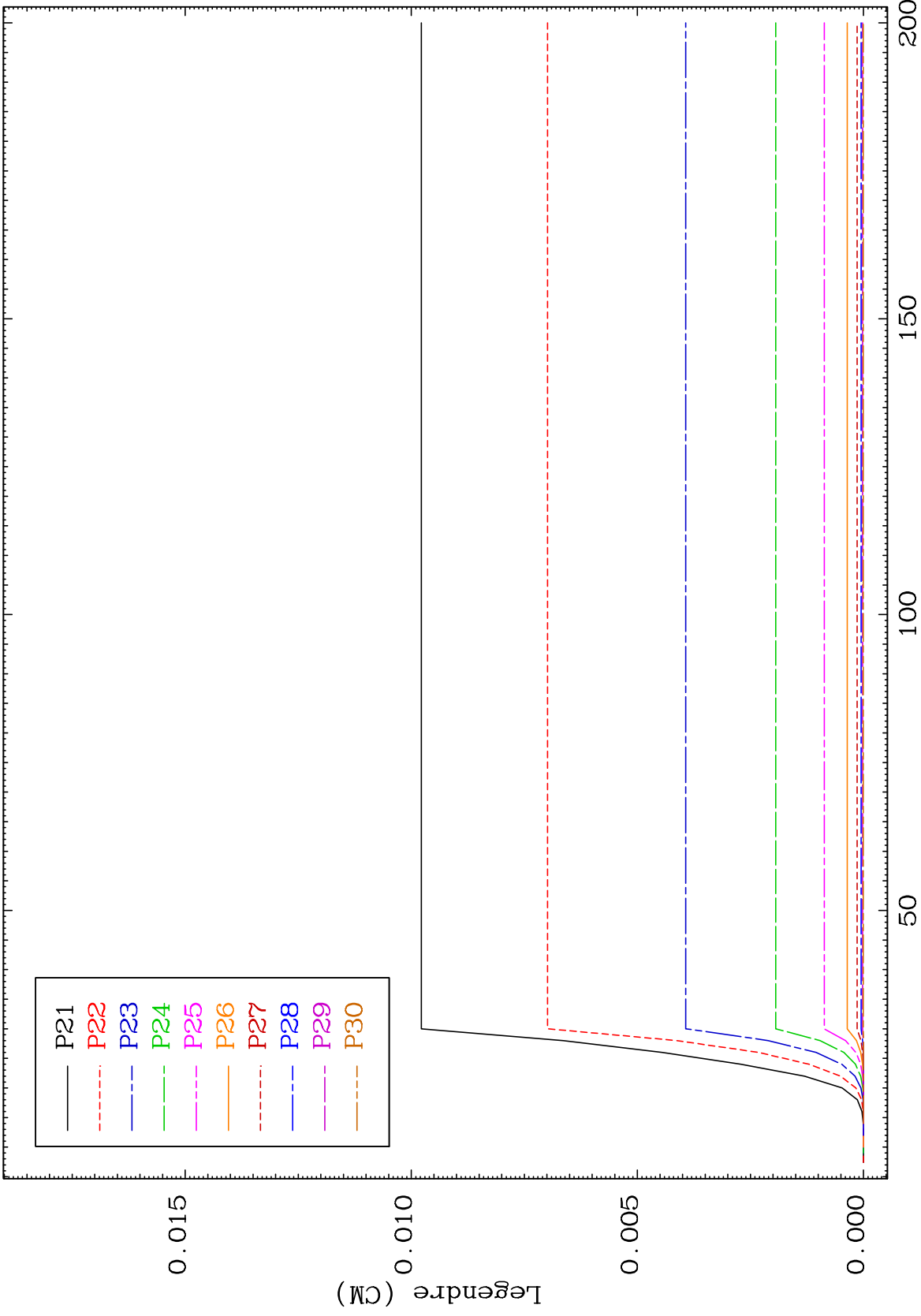
Incident Energy (MeV)

79-Au-195

MAT 7919

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

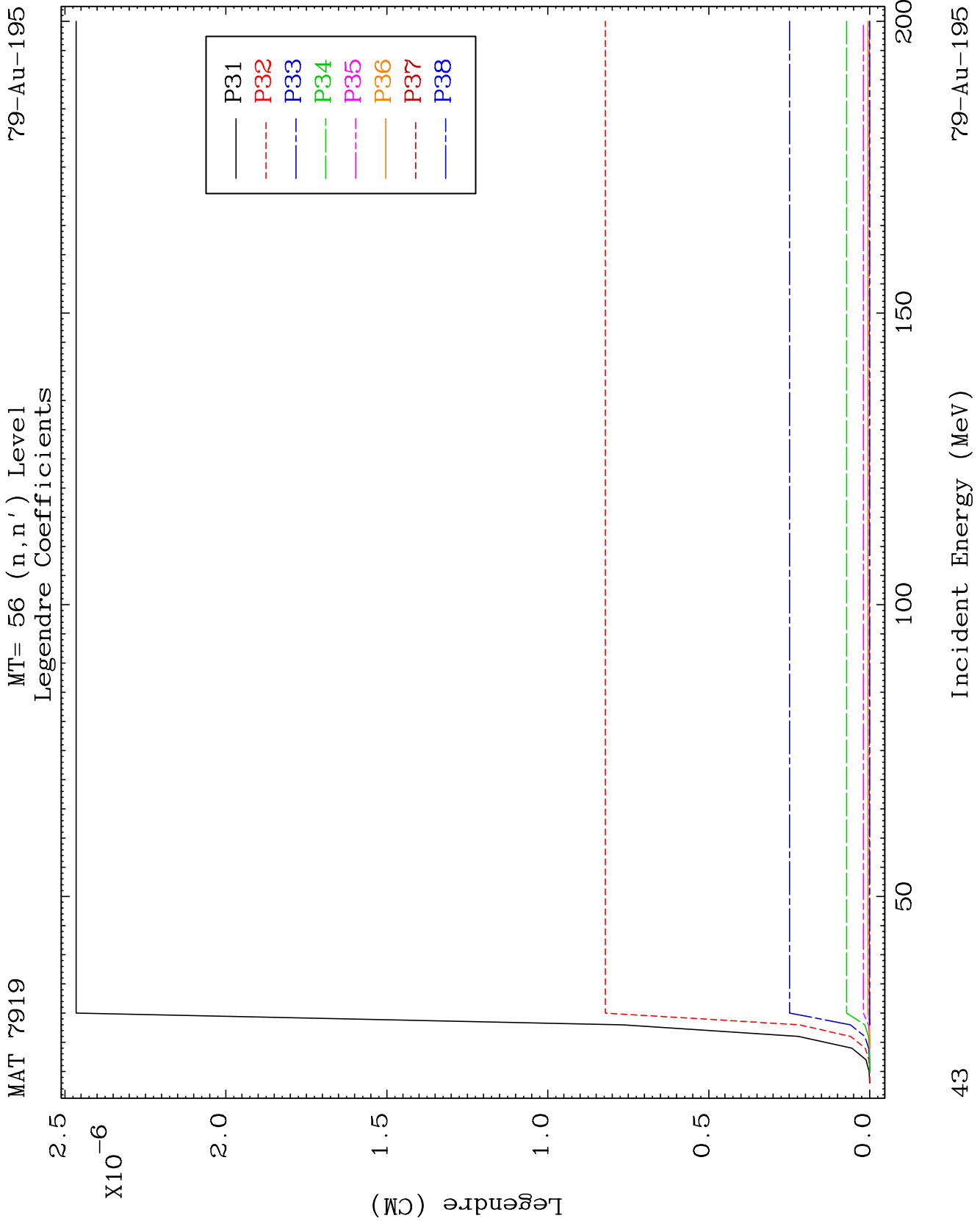
79-Au-195



42

Incident Energy (MeV)

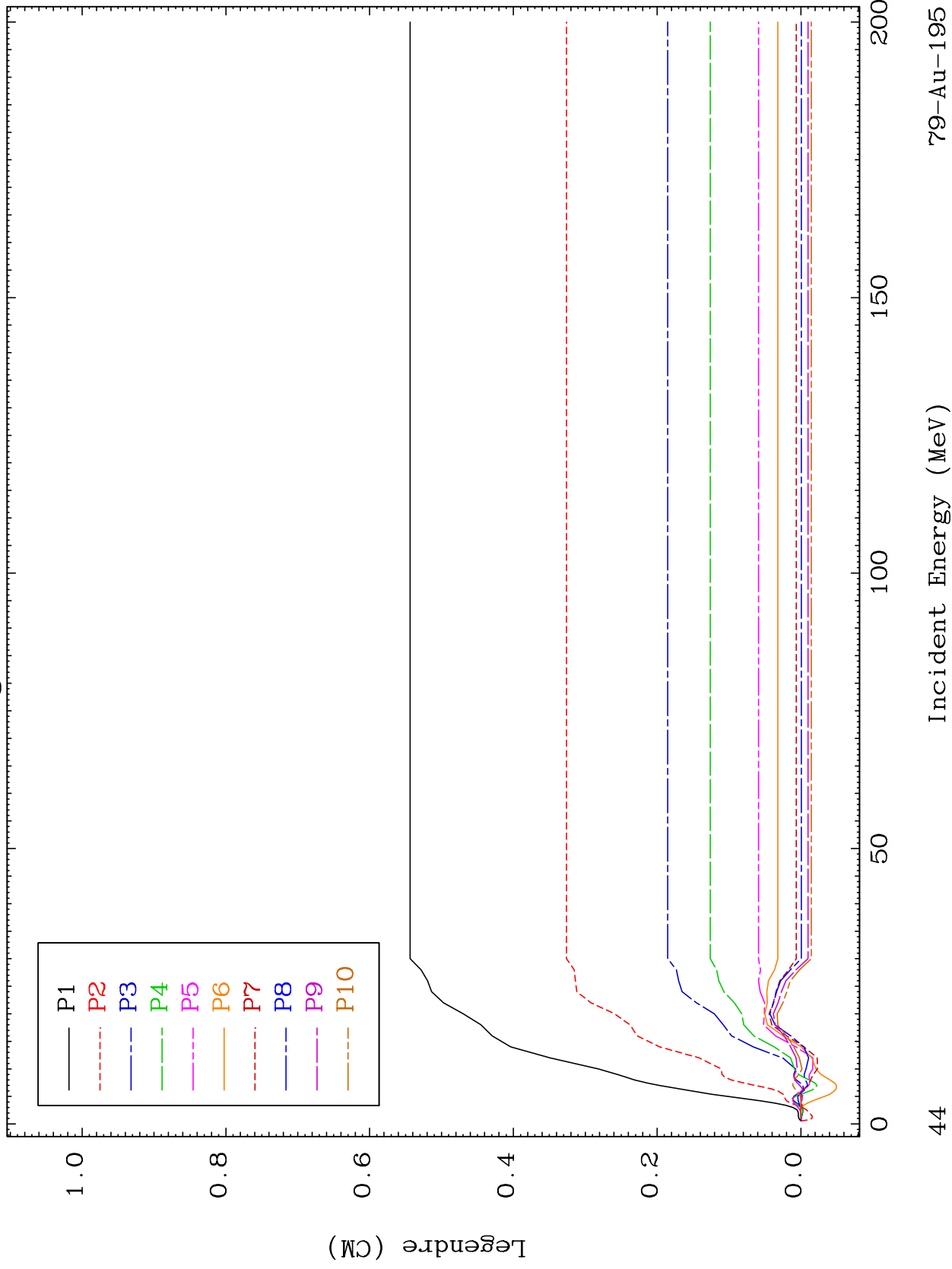
79-Au-195



MAT 7919

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

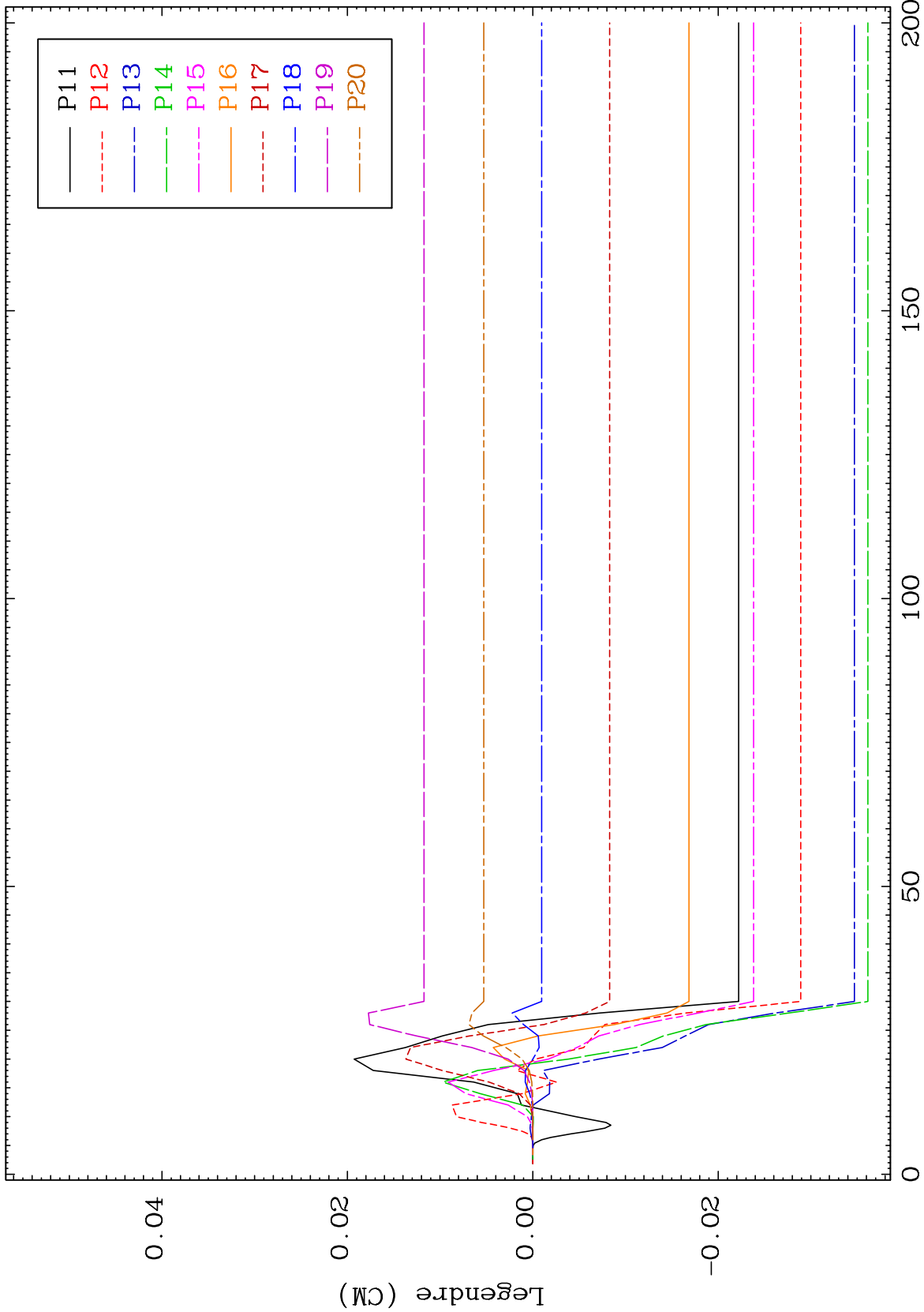
79-Au-195



MAT 7919

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

79-Au-195



45

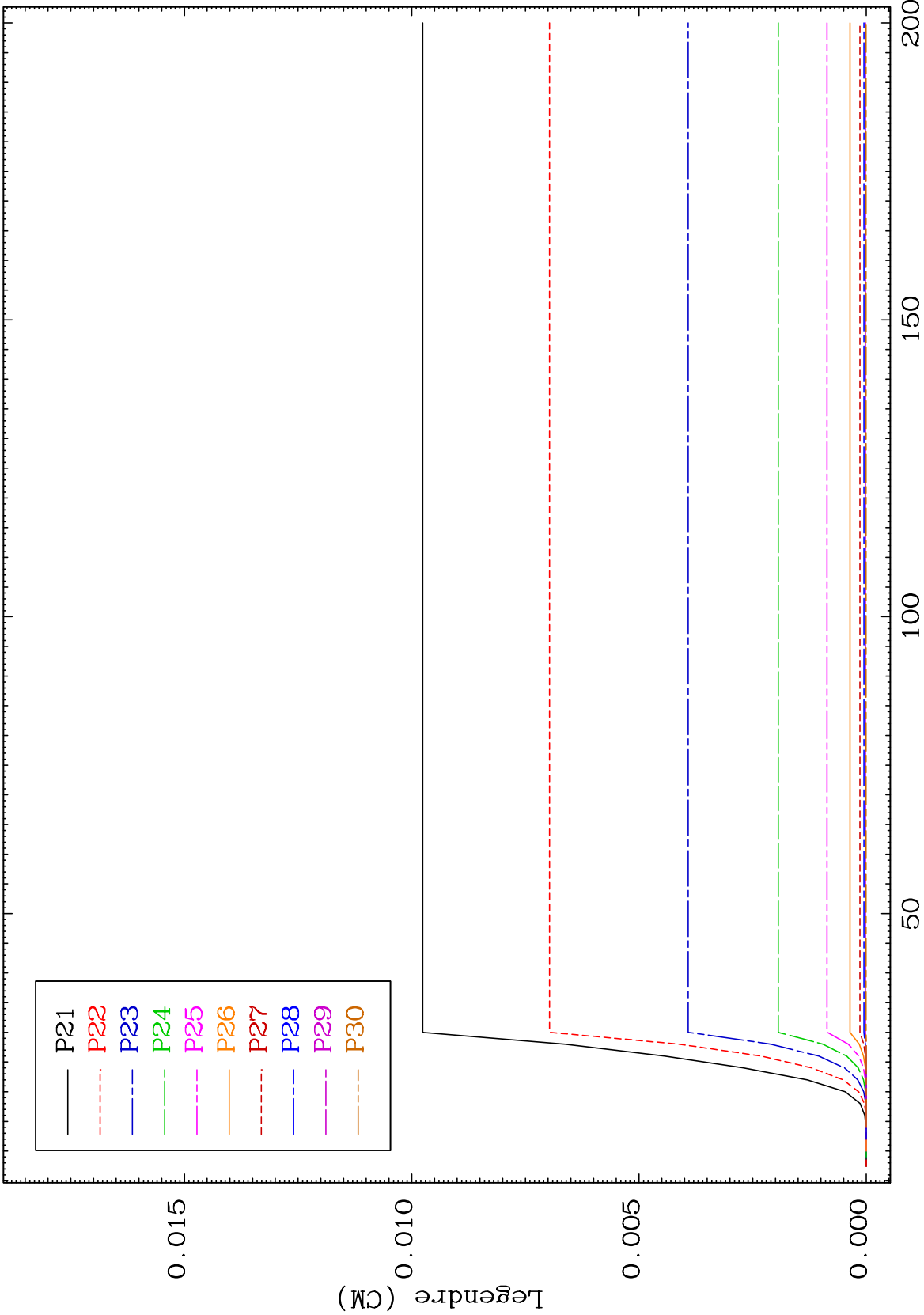
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



46

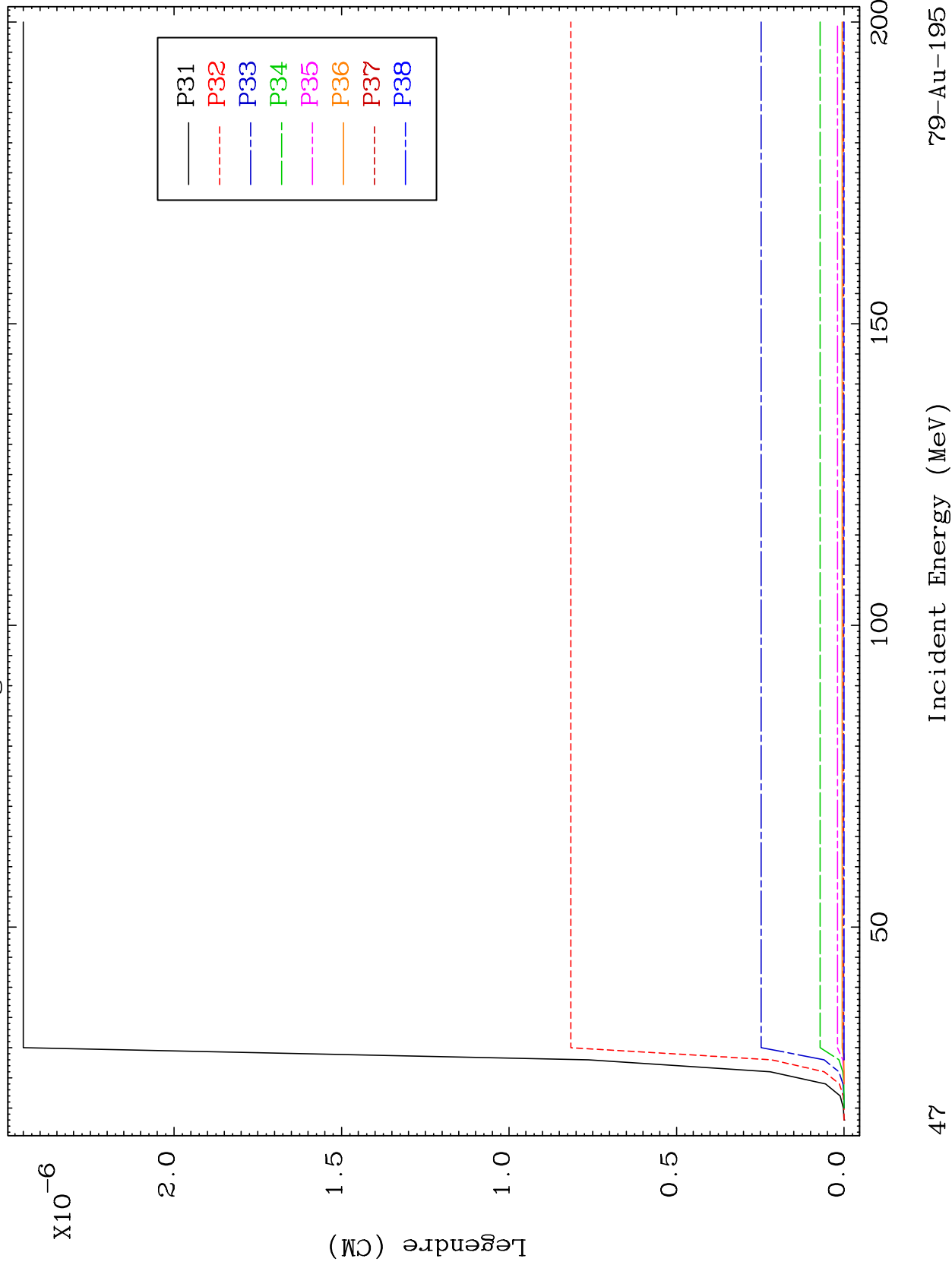
Incident Energy (MeV)

79-Au-195

MAT 7919

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

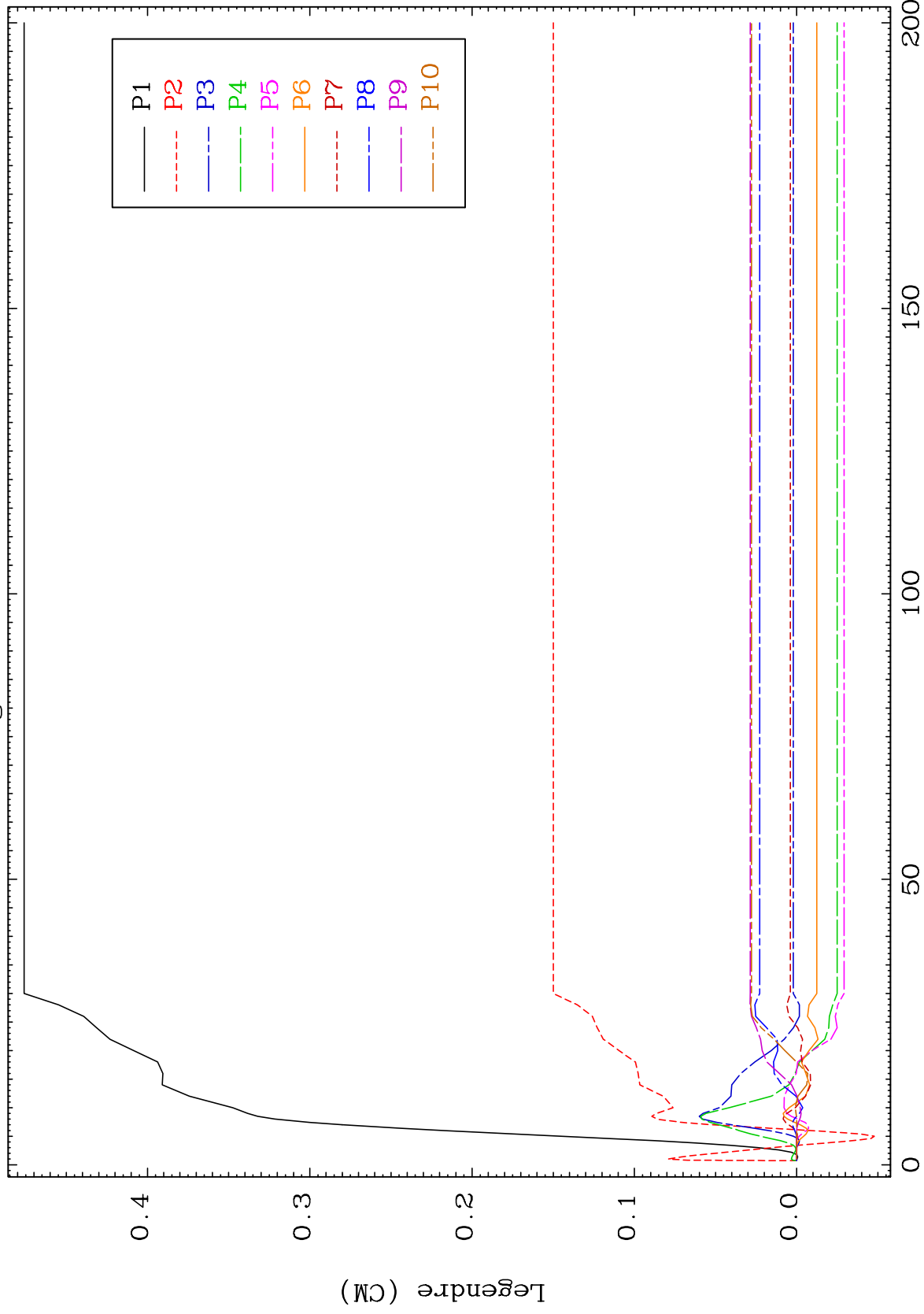
79-Au-195



MAT 7919

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

79-Au-195



48

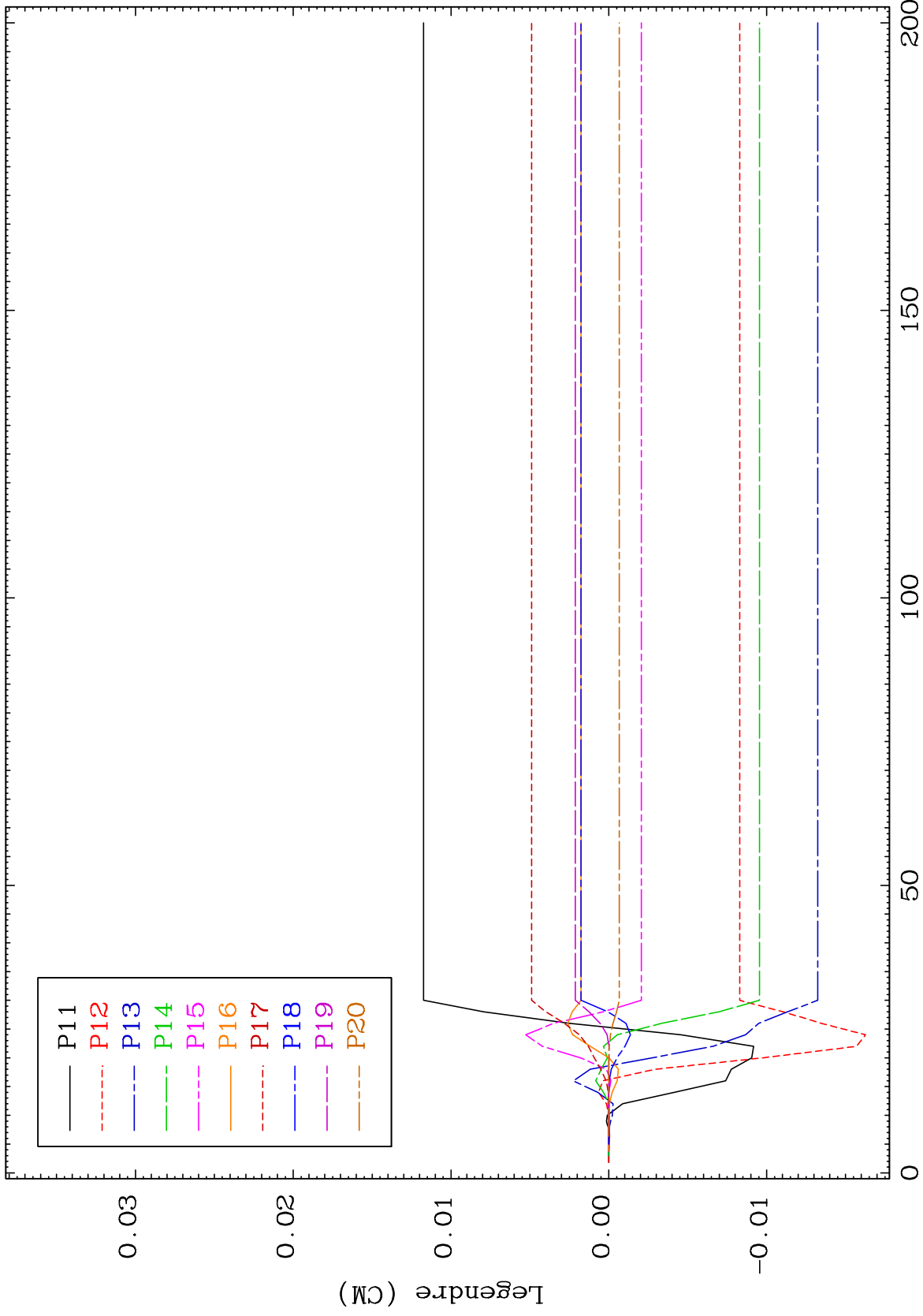
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



49

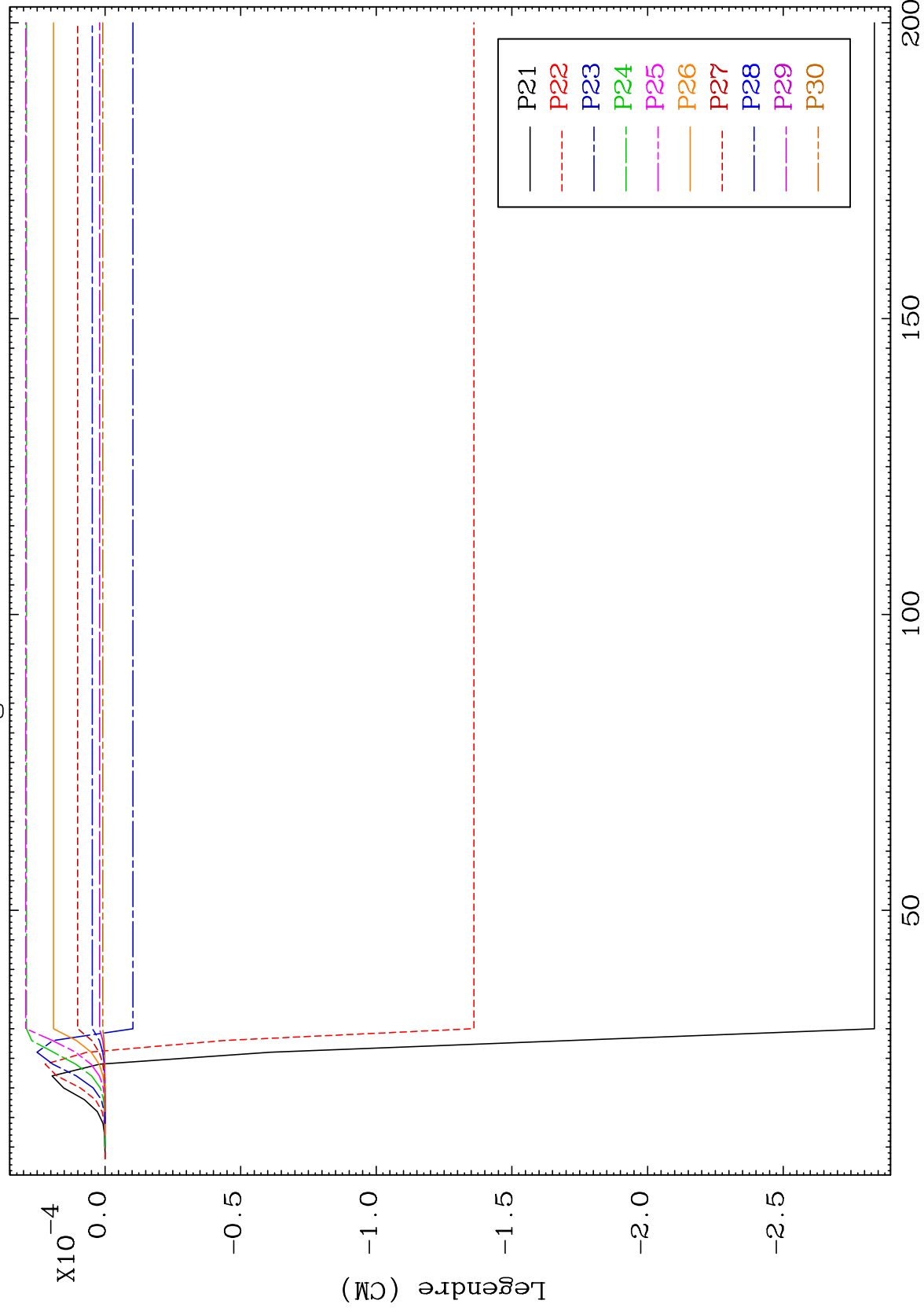
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



79-Au-195

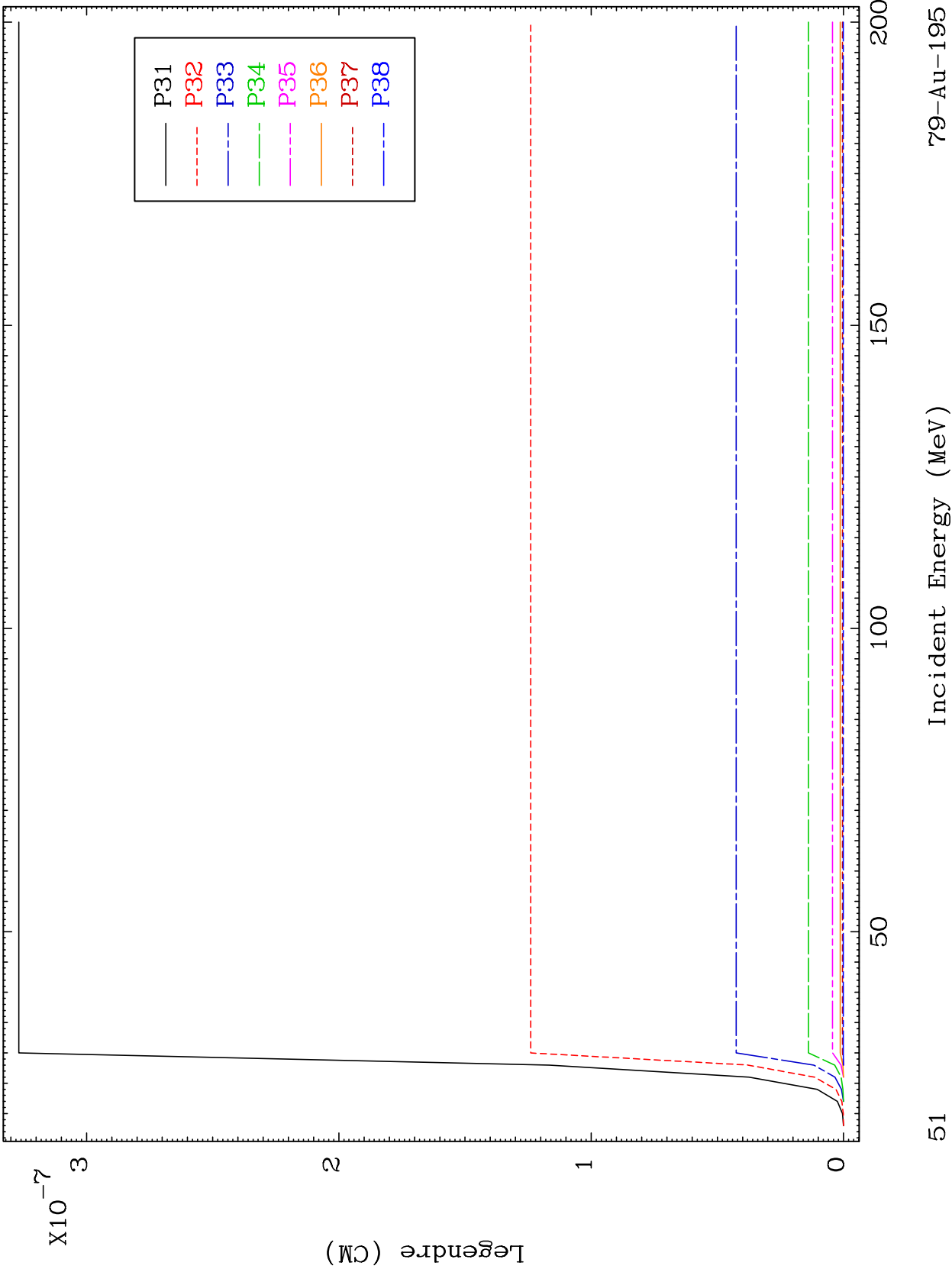
Incident Energy (MeV)

50

MAT 7919

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

79-Au-195



51

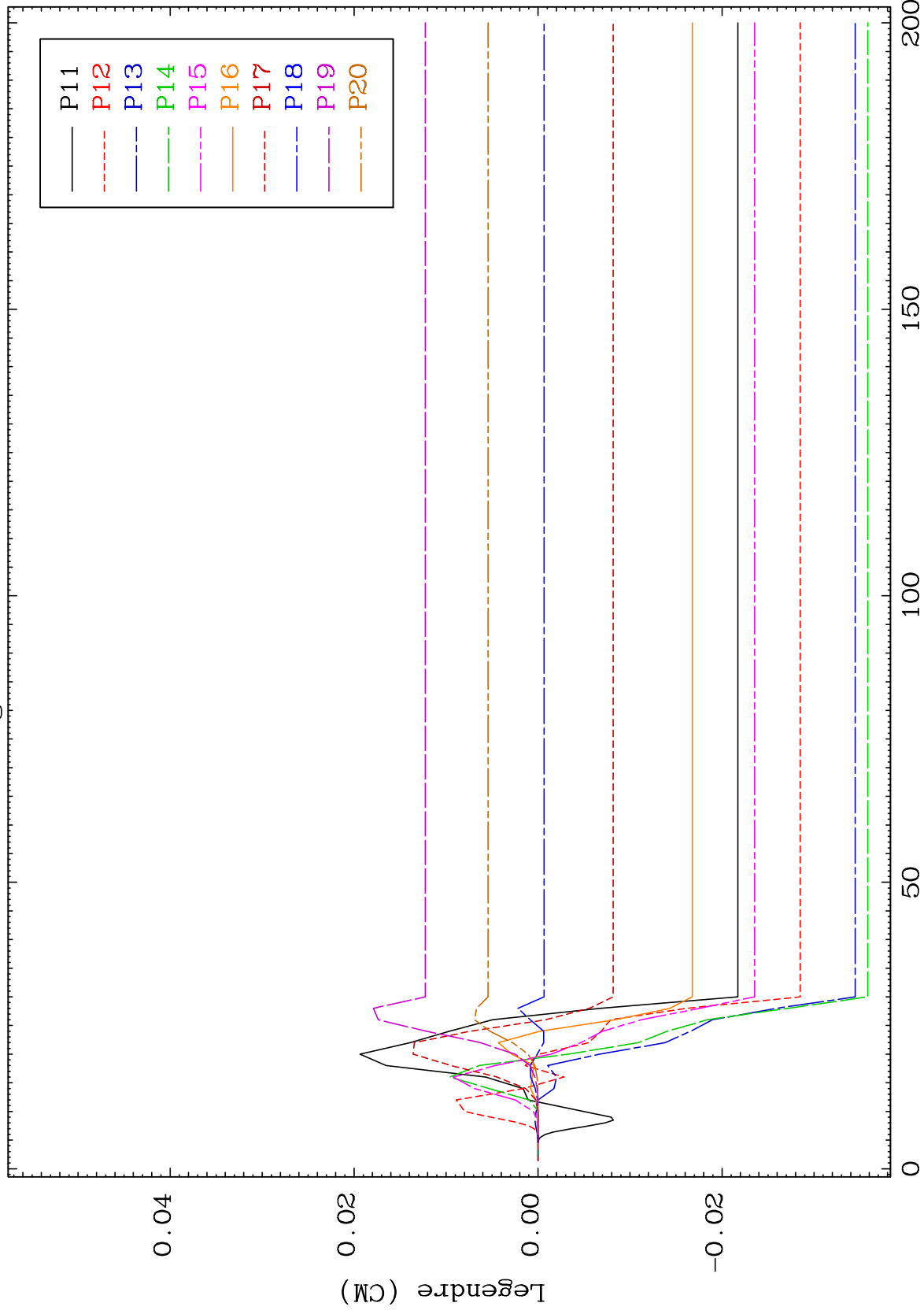
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



53

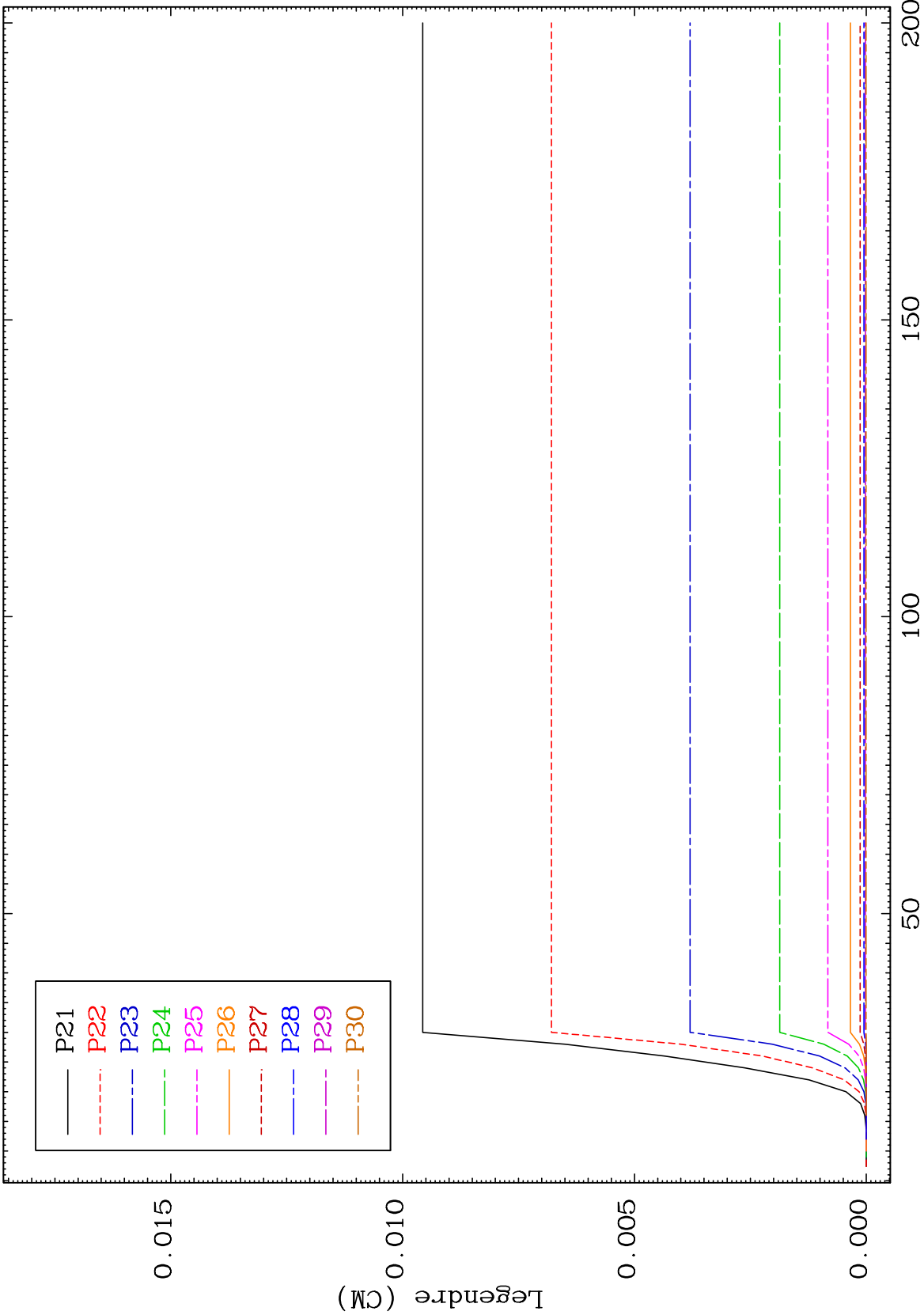
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



54

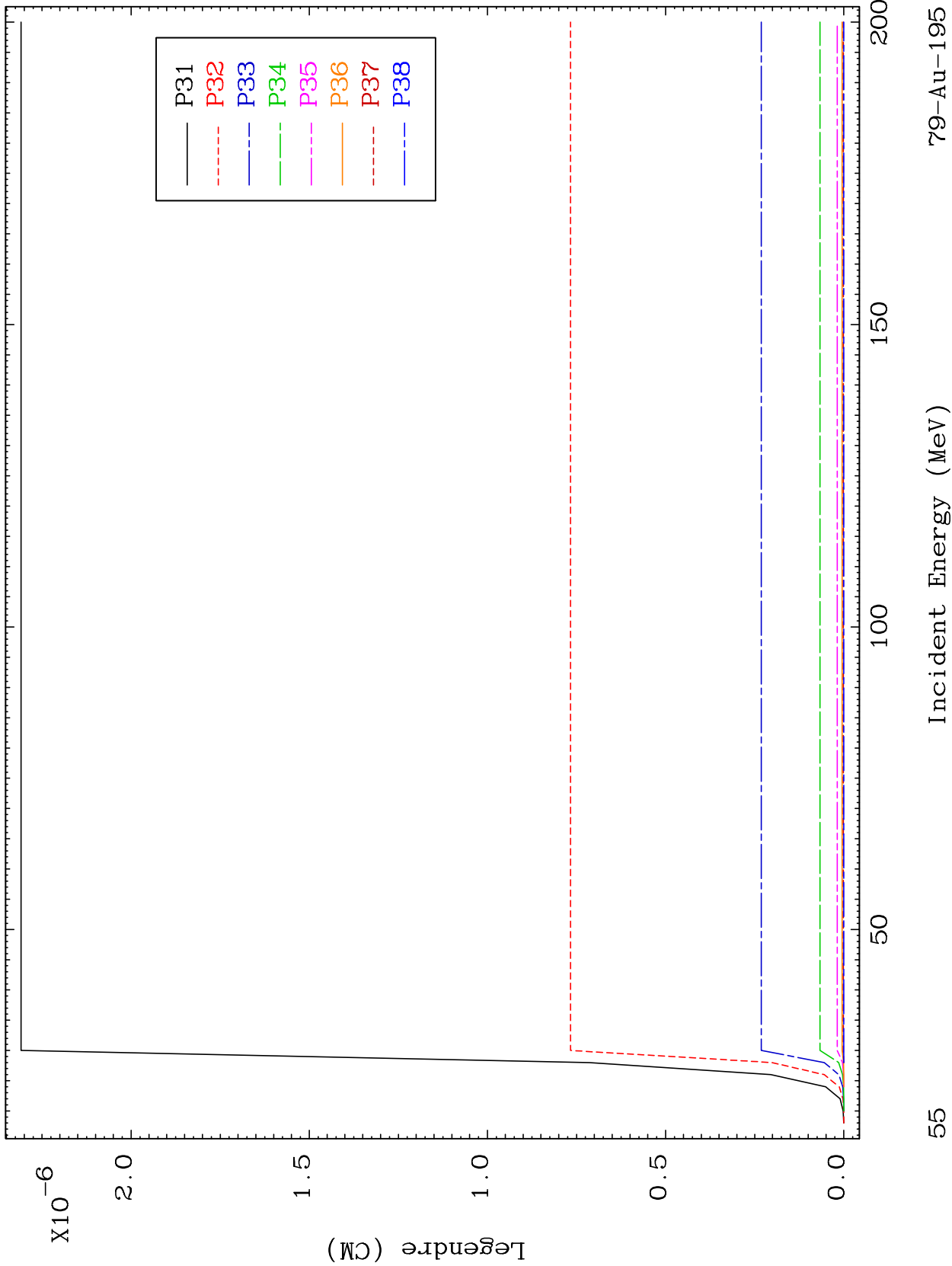
Incident Energy (MeV)

79-Au-195

MAT 7919

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

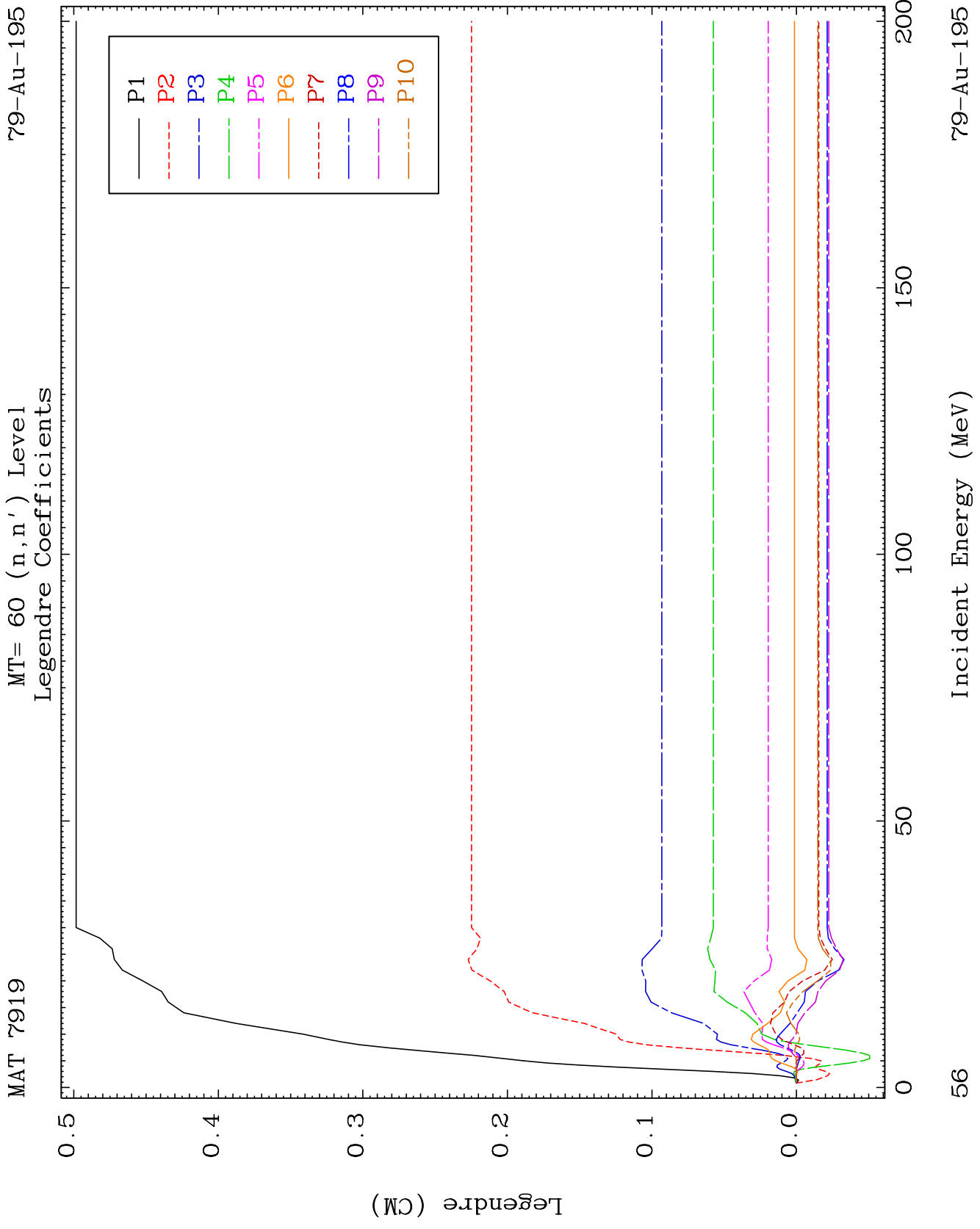
79-Au-195



55

Incident Energy (MeV)

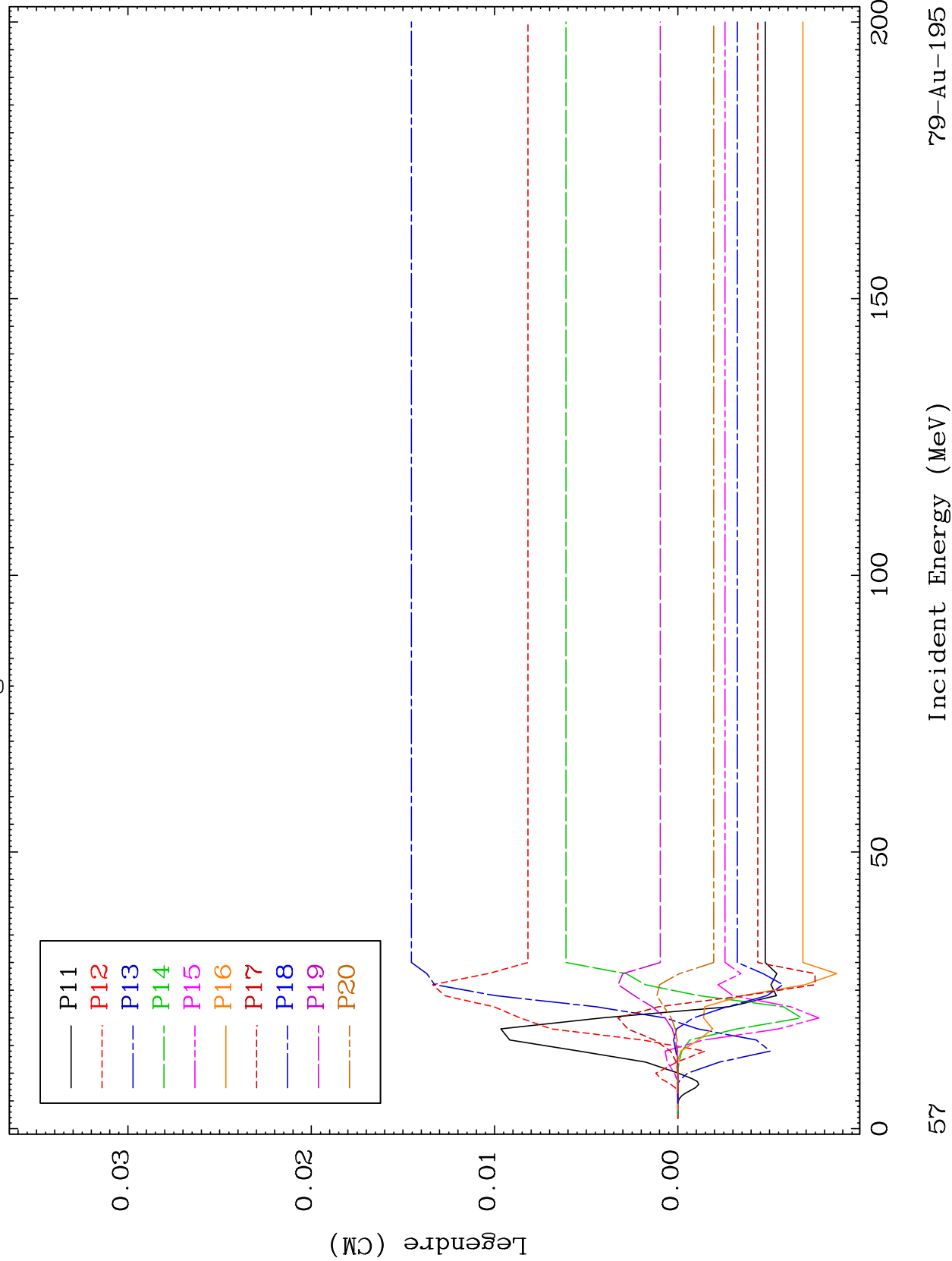
79-Au-195



MAT 7919

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

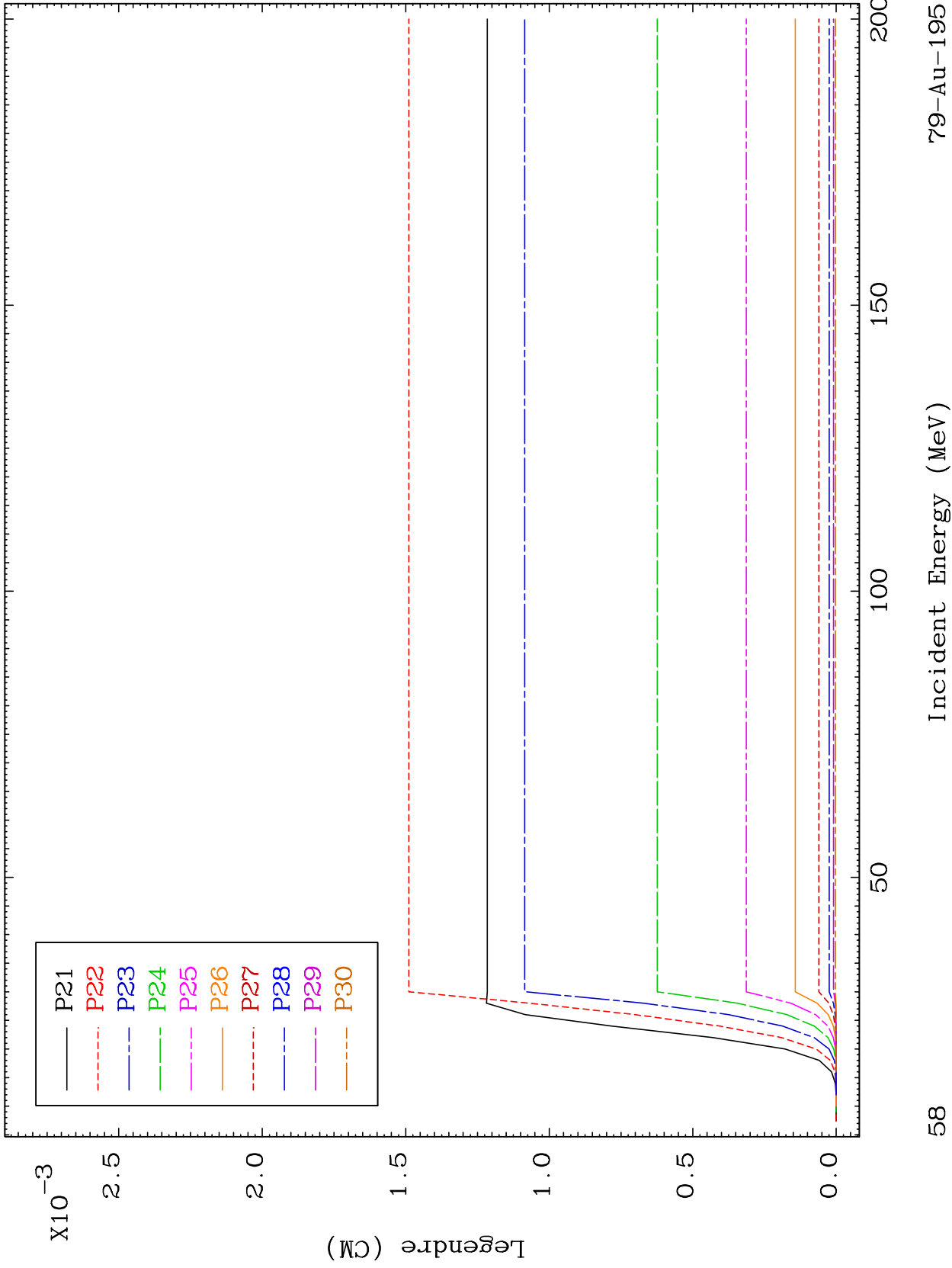
79-Au-195



57

Incident Energy (MeV)

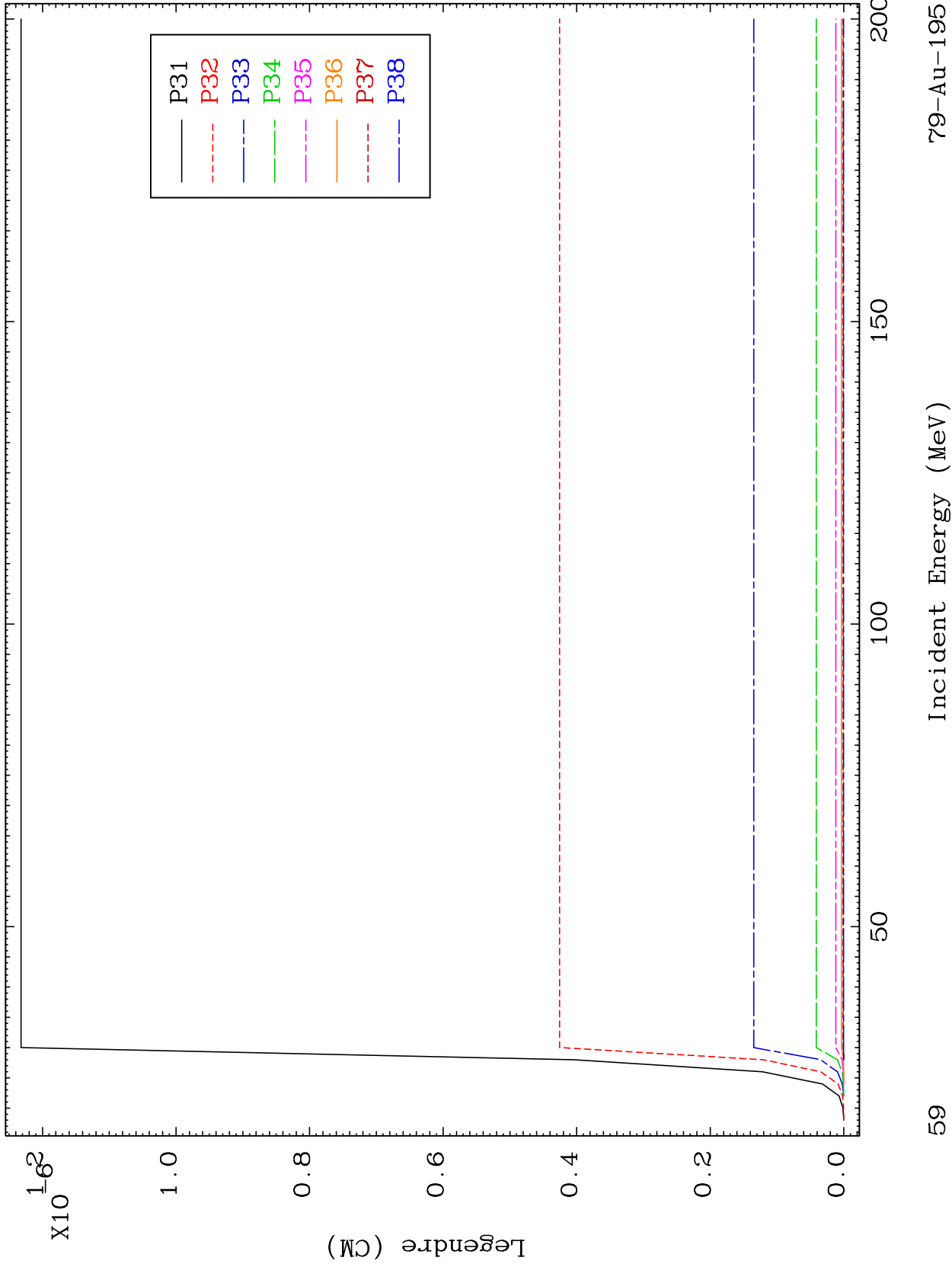
79-Au-195



MAT 7919

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

79-Au-195



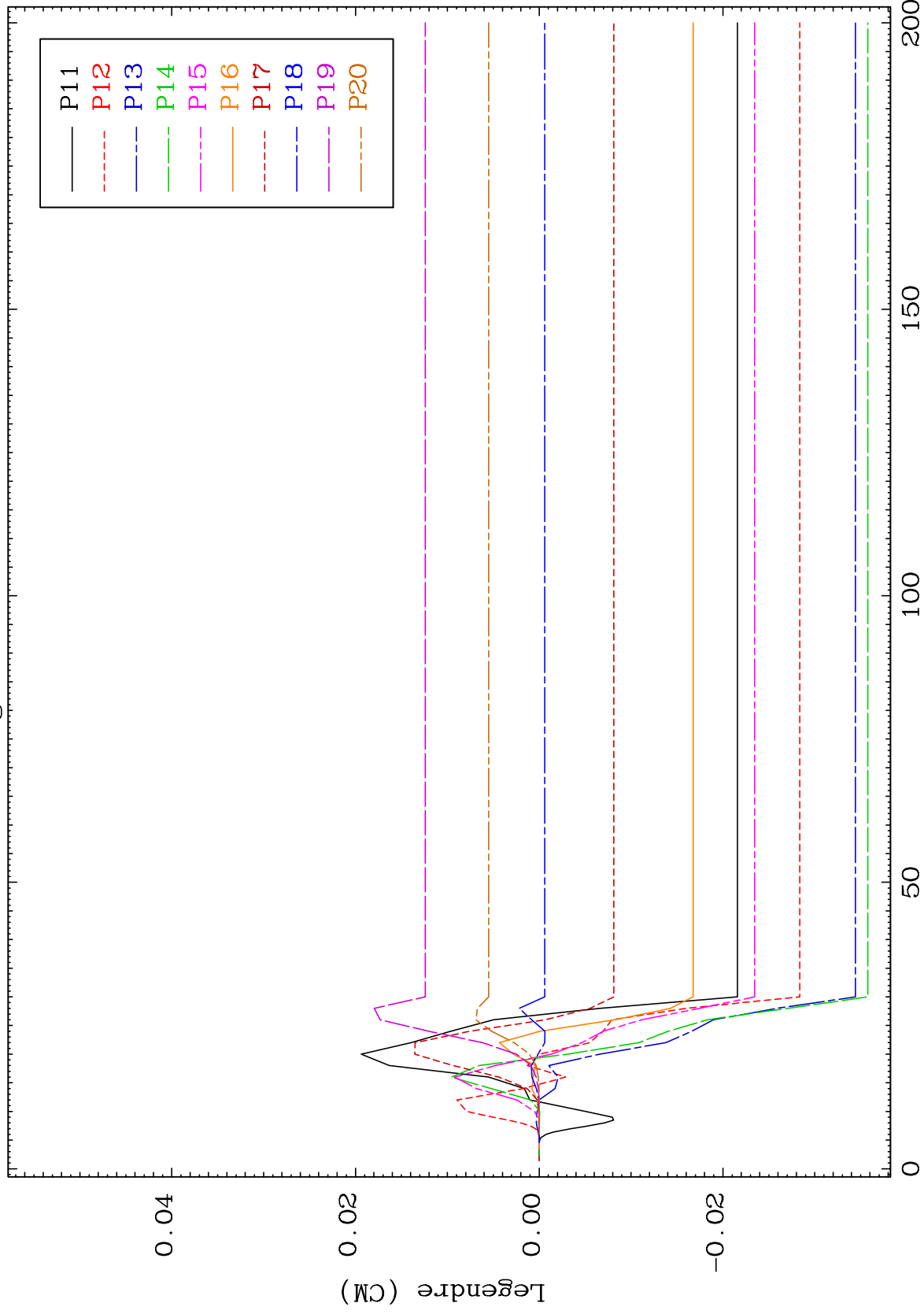
59

79-Au-195

MAT 7919

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

79-Au-195



61

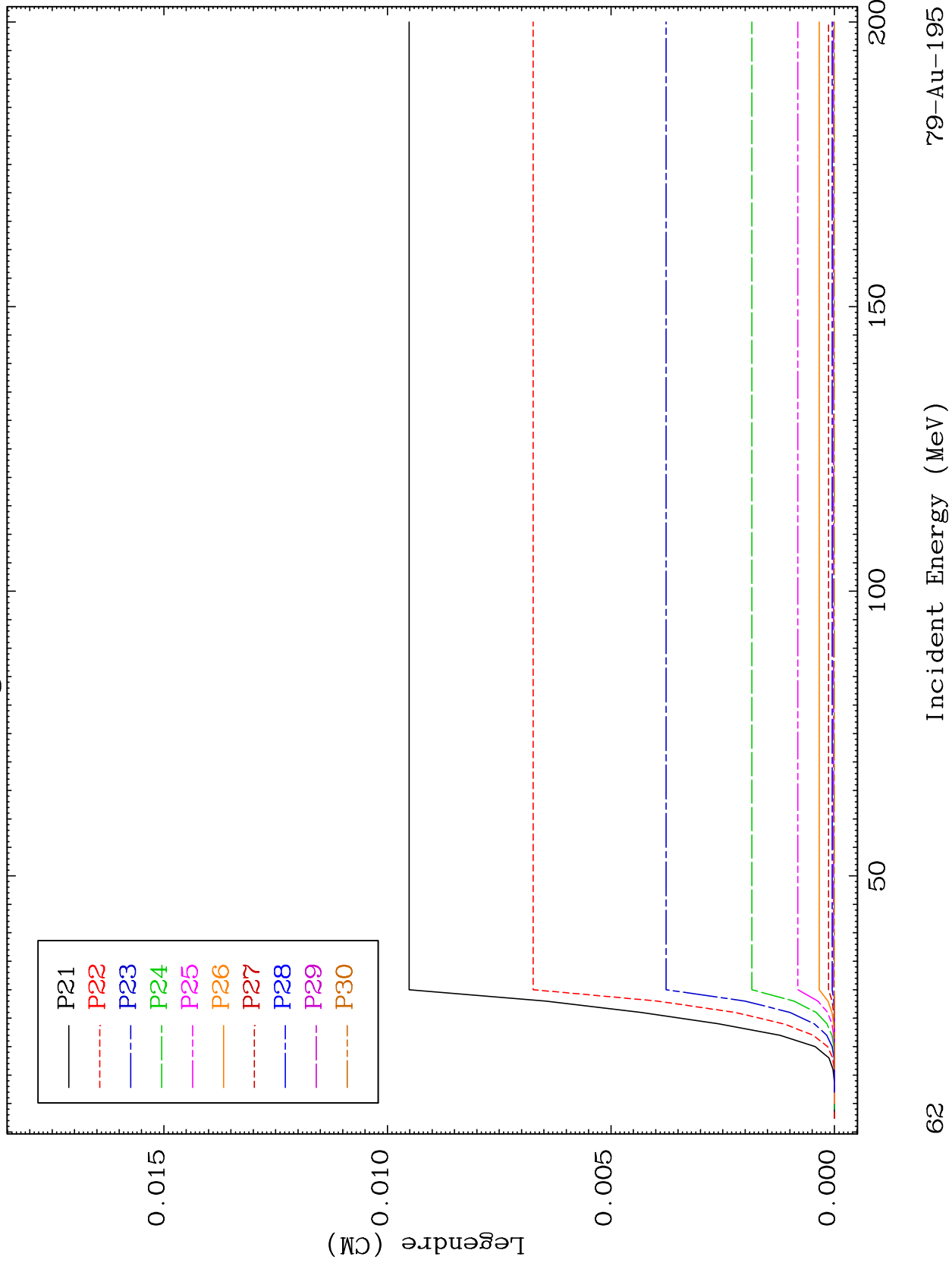
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



62

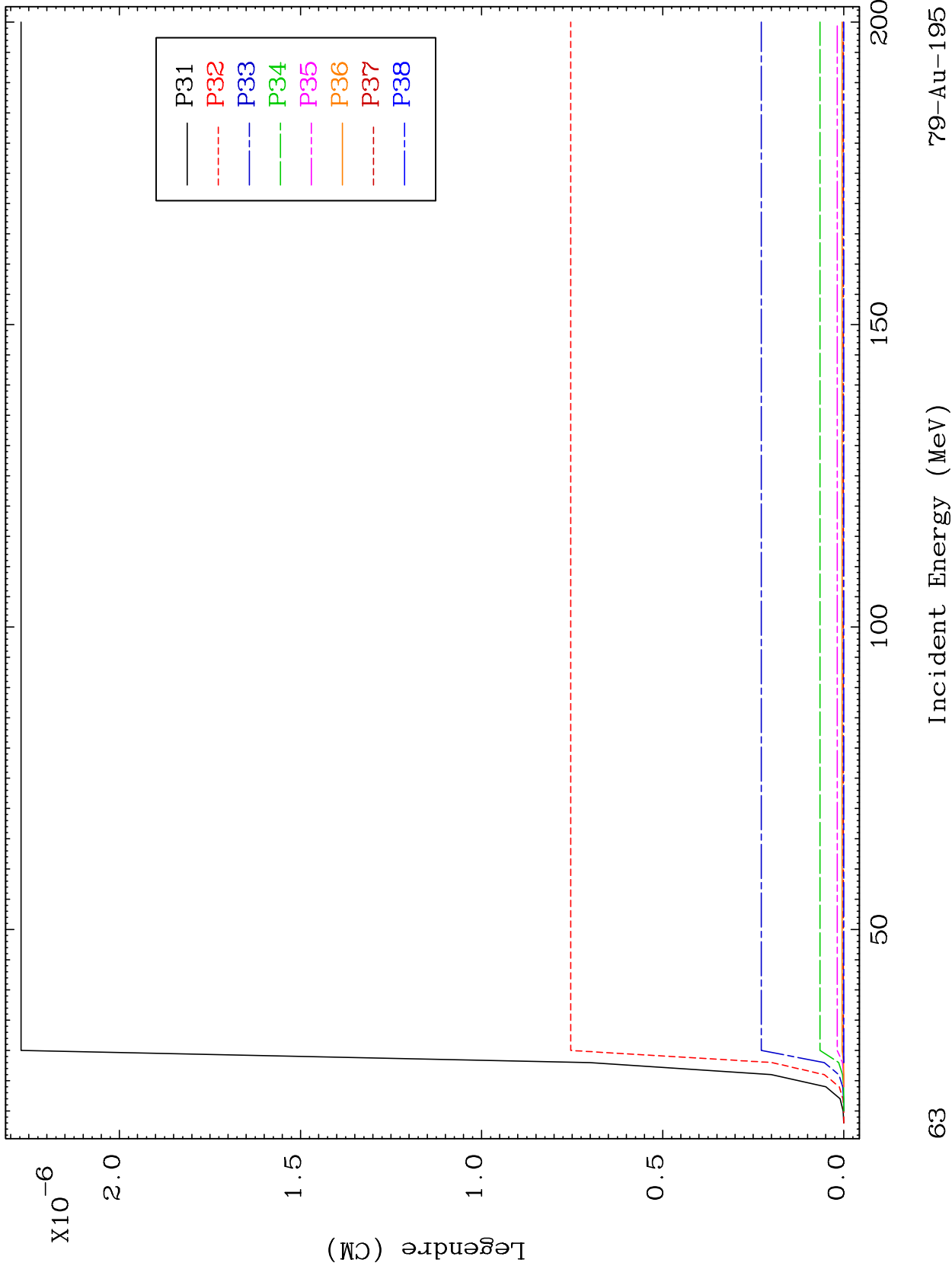
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



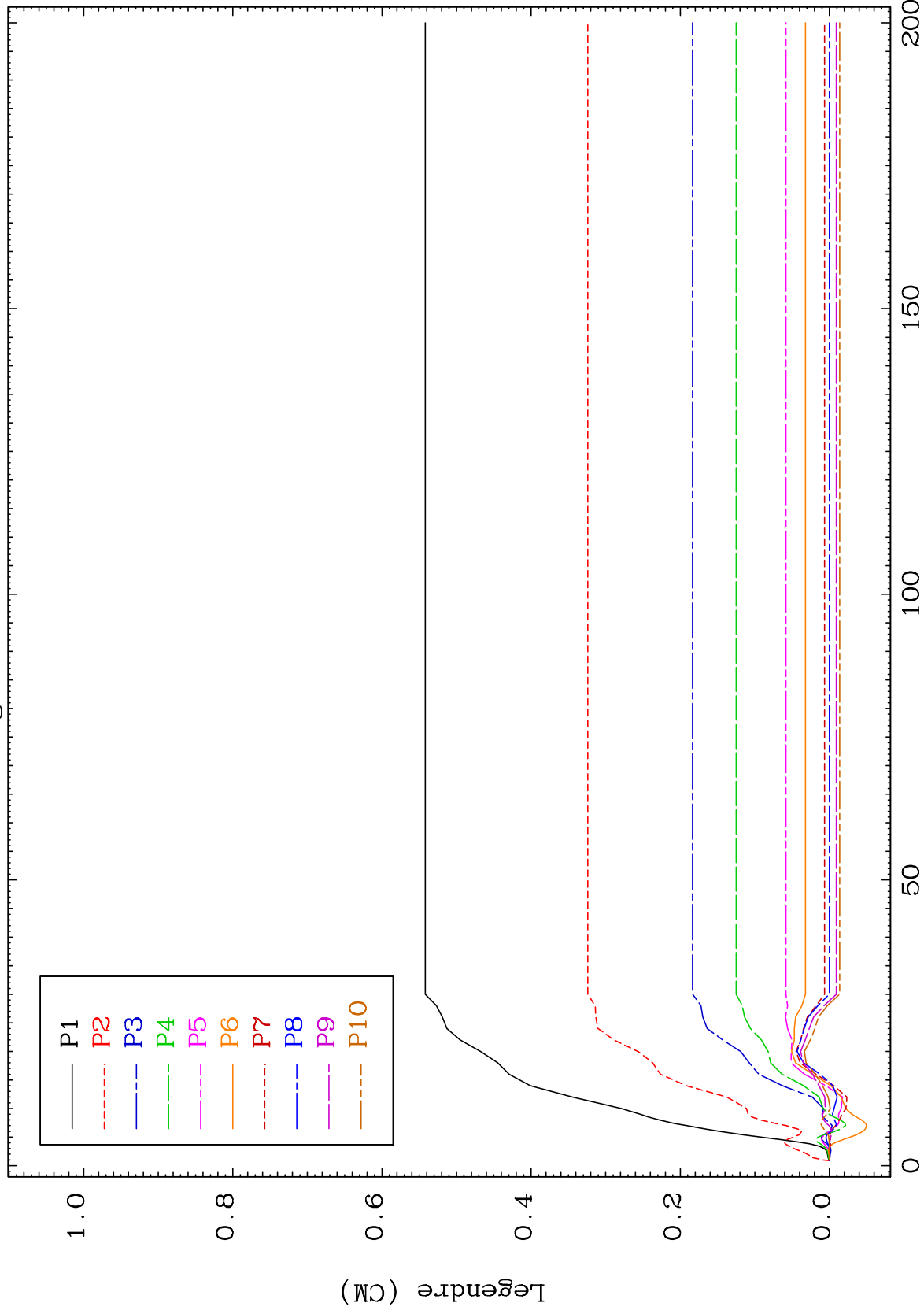
63

79-Au-195

MAT 7919

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

79-Au-195



64

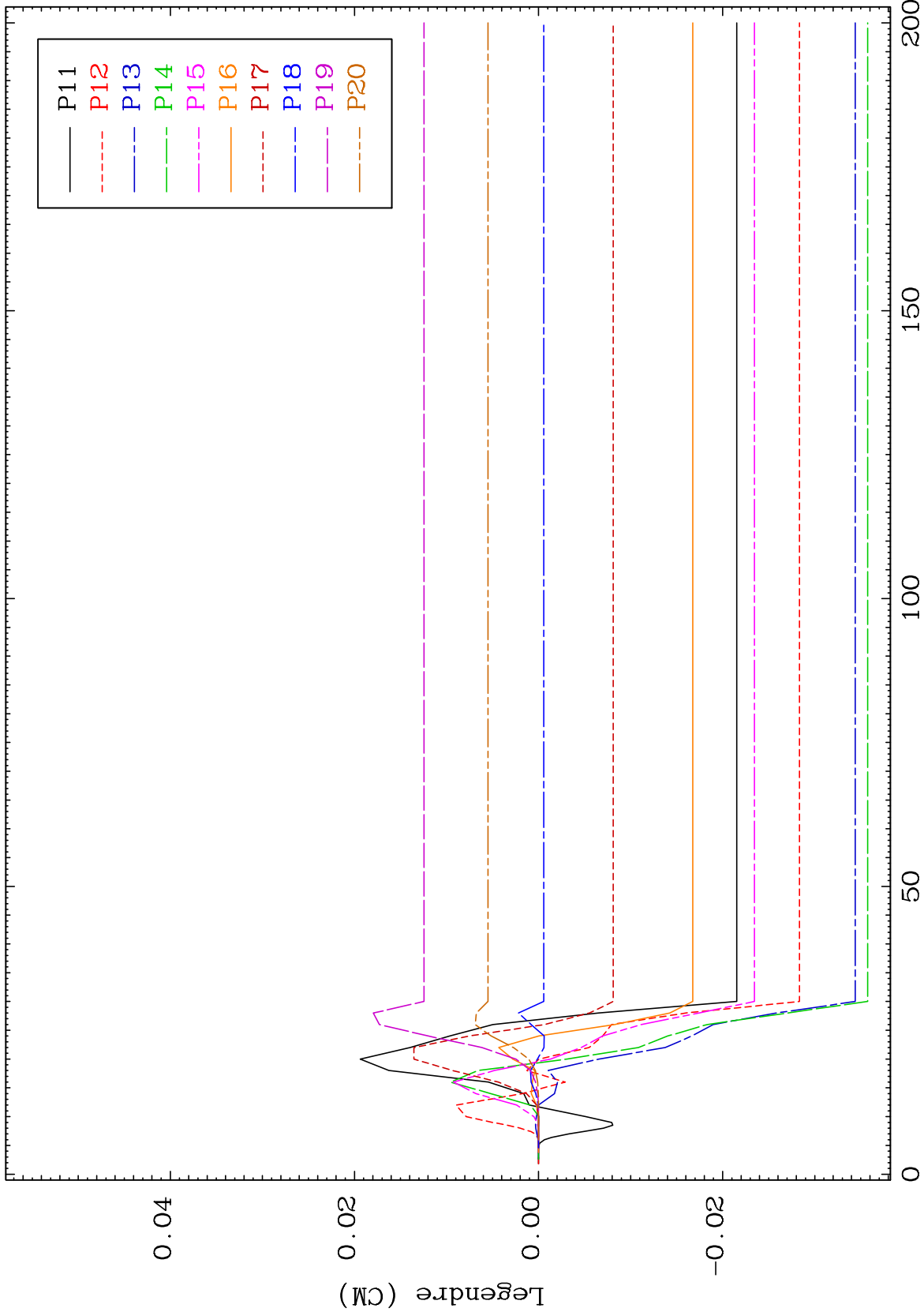
Incident Energy (MeV)

79-Au-195

MAT 7919

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

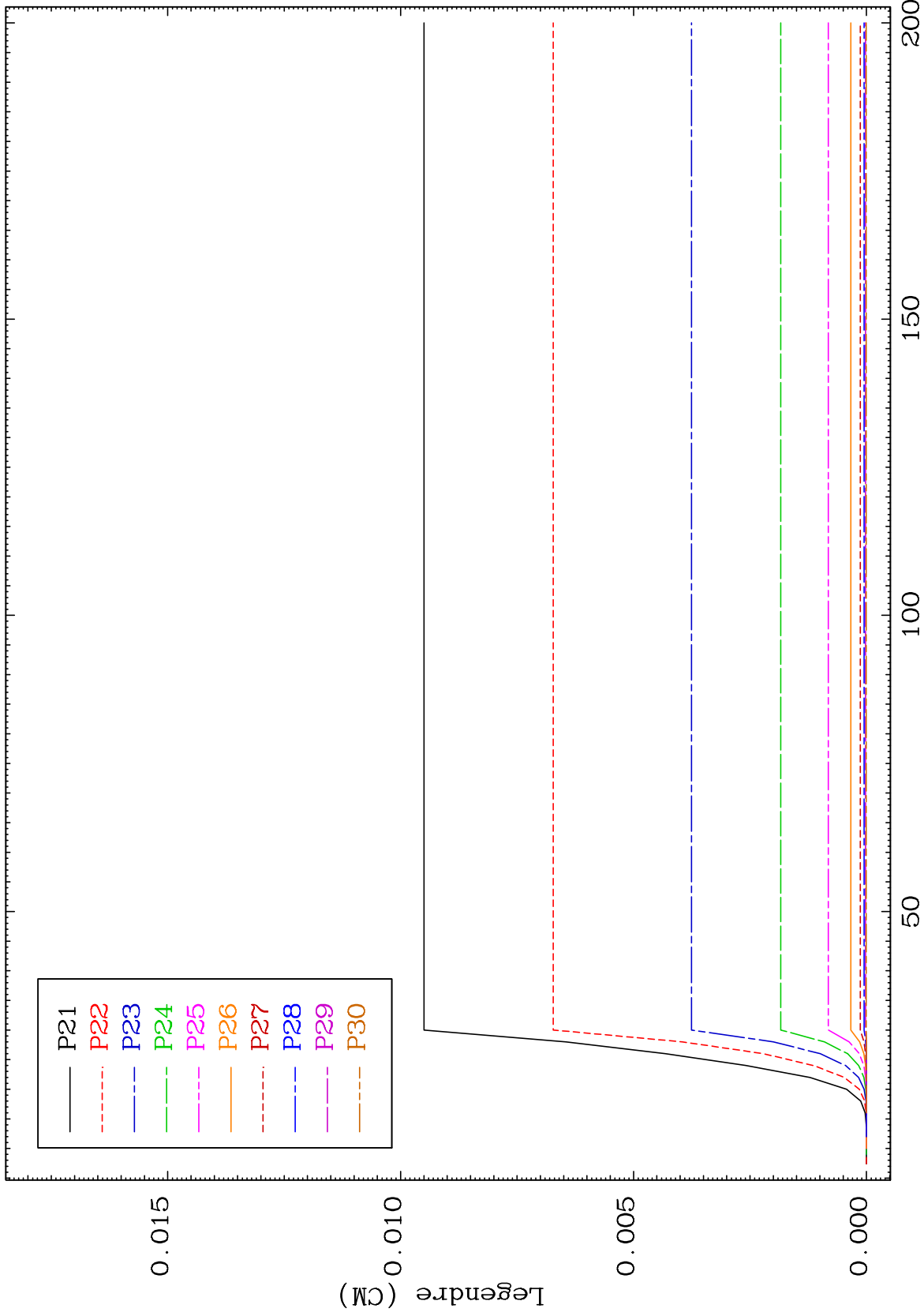
79-Au-195



65

Incident Energy (MeV)

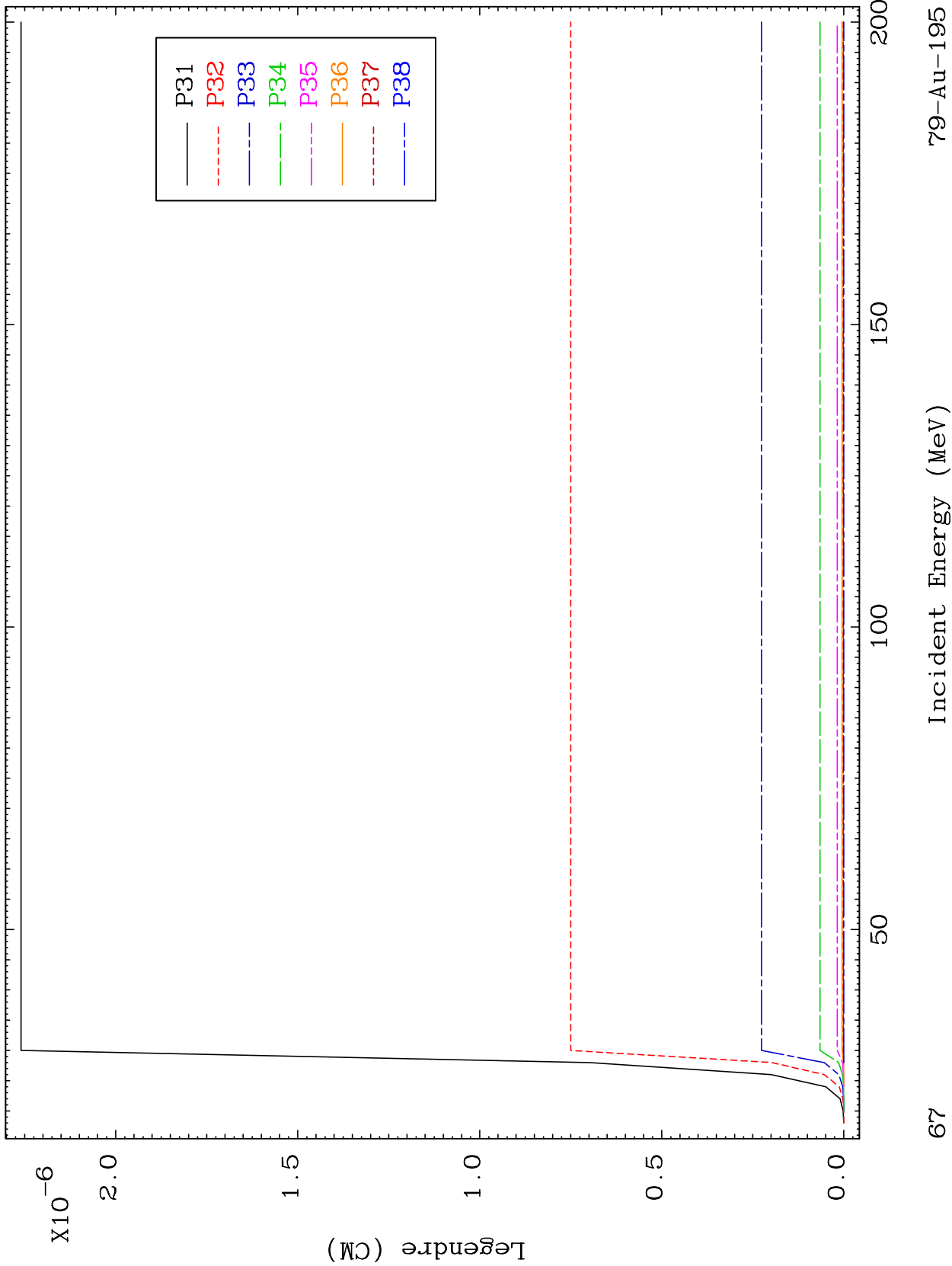
79-Au-195



MAT 7919

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

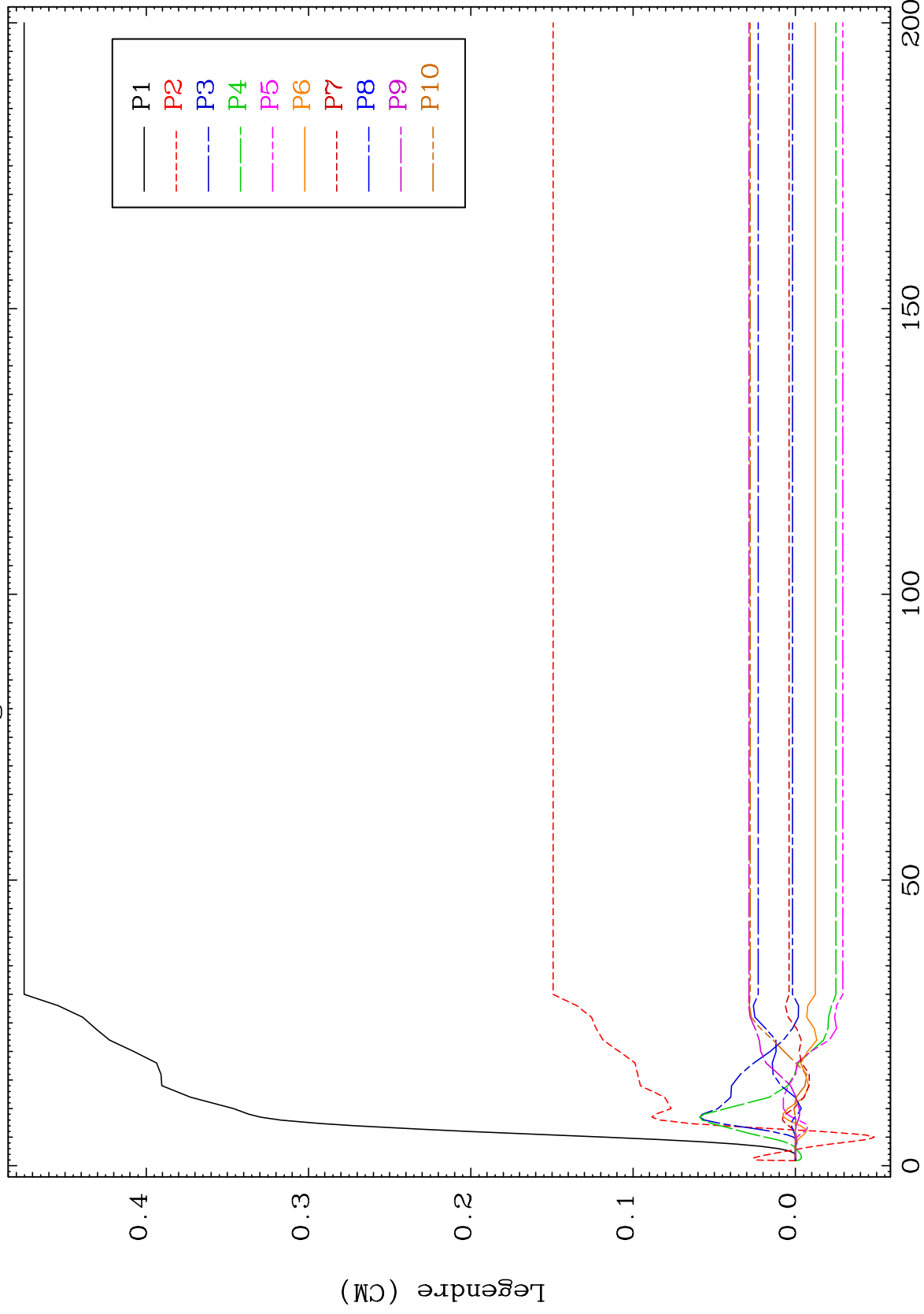
79-Au-195



MAT 7919

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

79-Au-195



79-Au-195

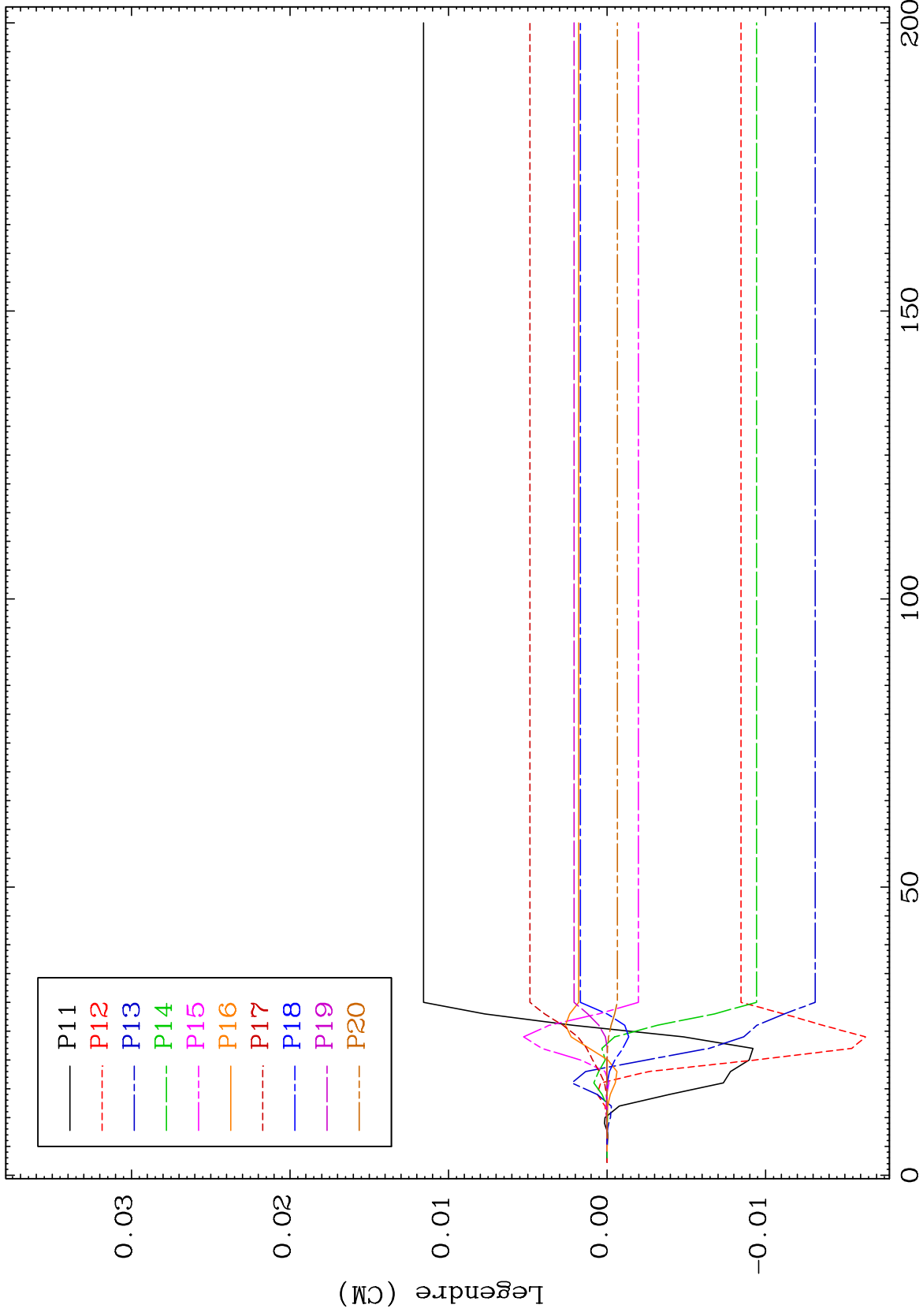
Incident Energy (MeV)

68

MAT 7919

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

79-Au-195



69

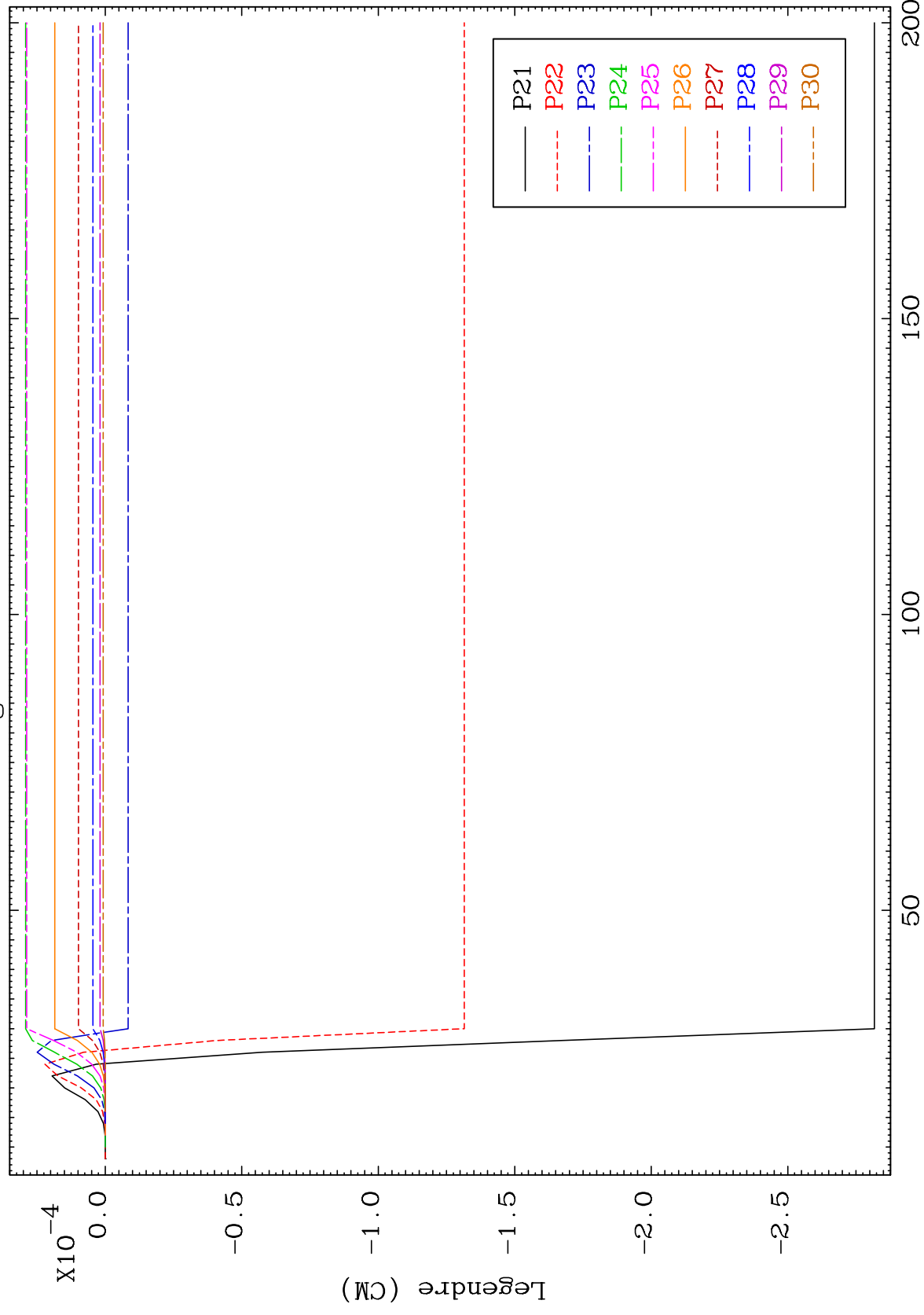
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



79

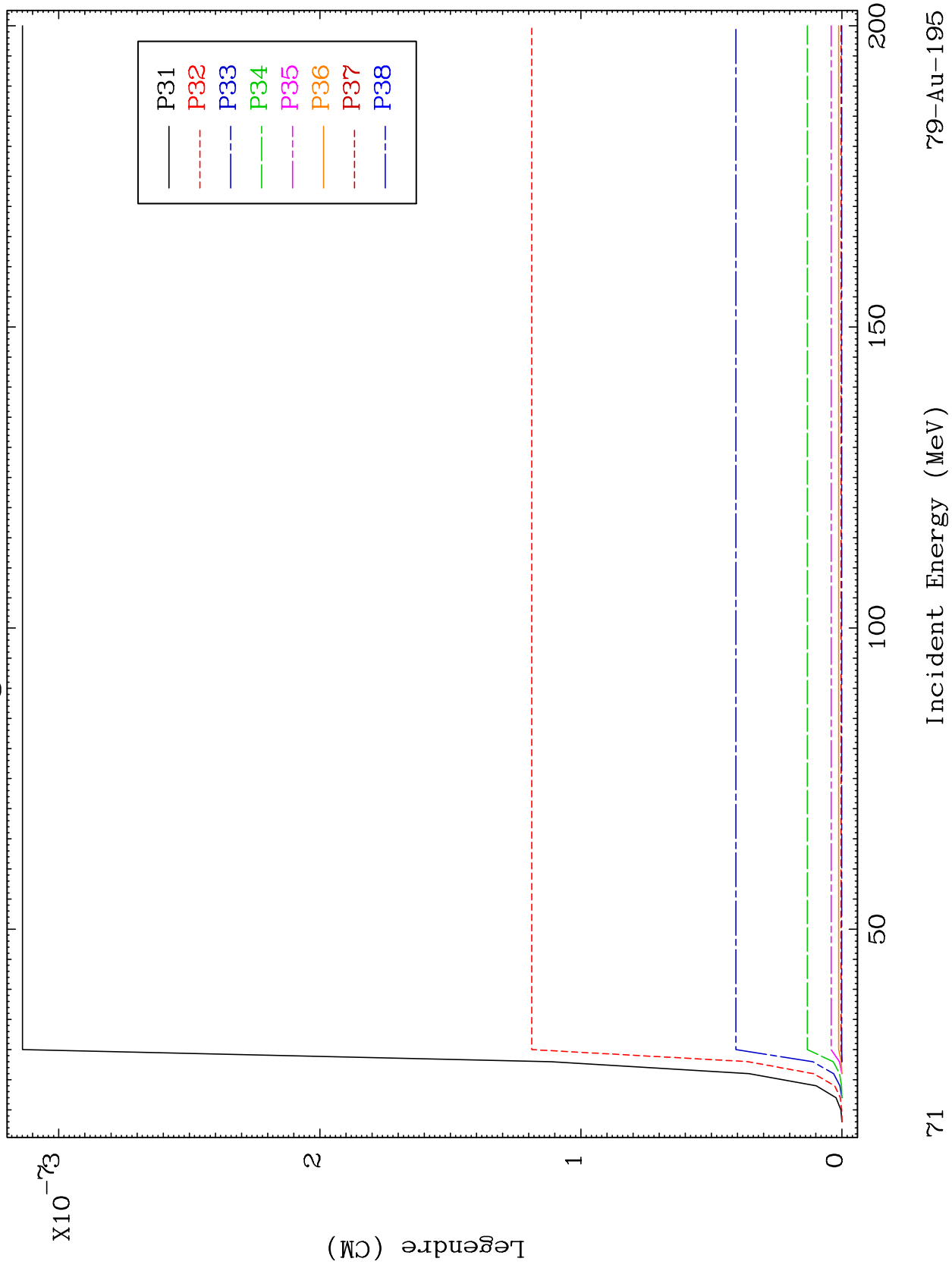
79-Au-195

79-Au-195

MAT 7919

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

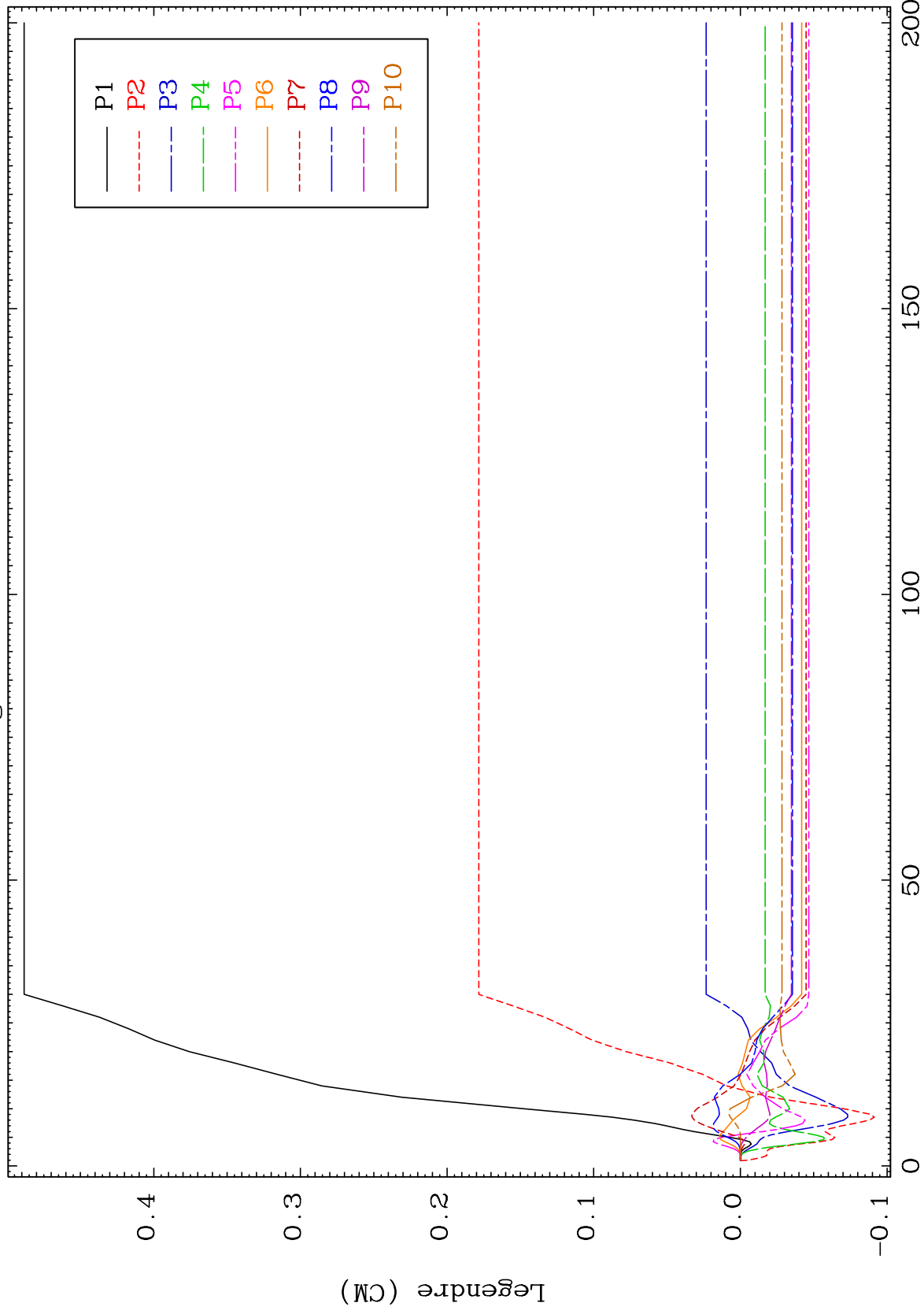
79-Au-195



MAT 7919

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

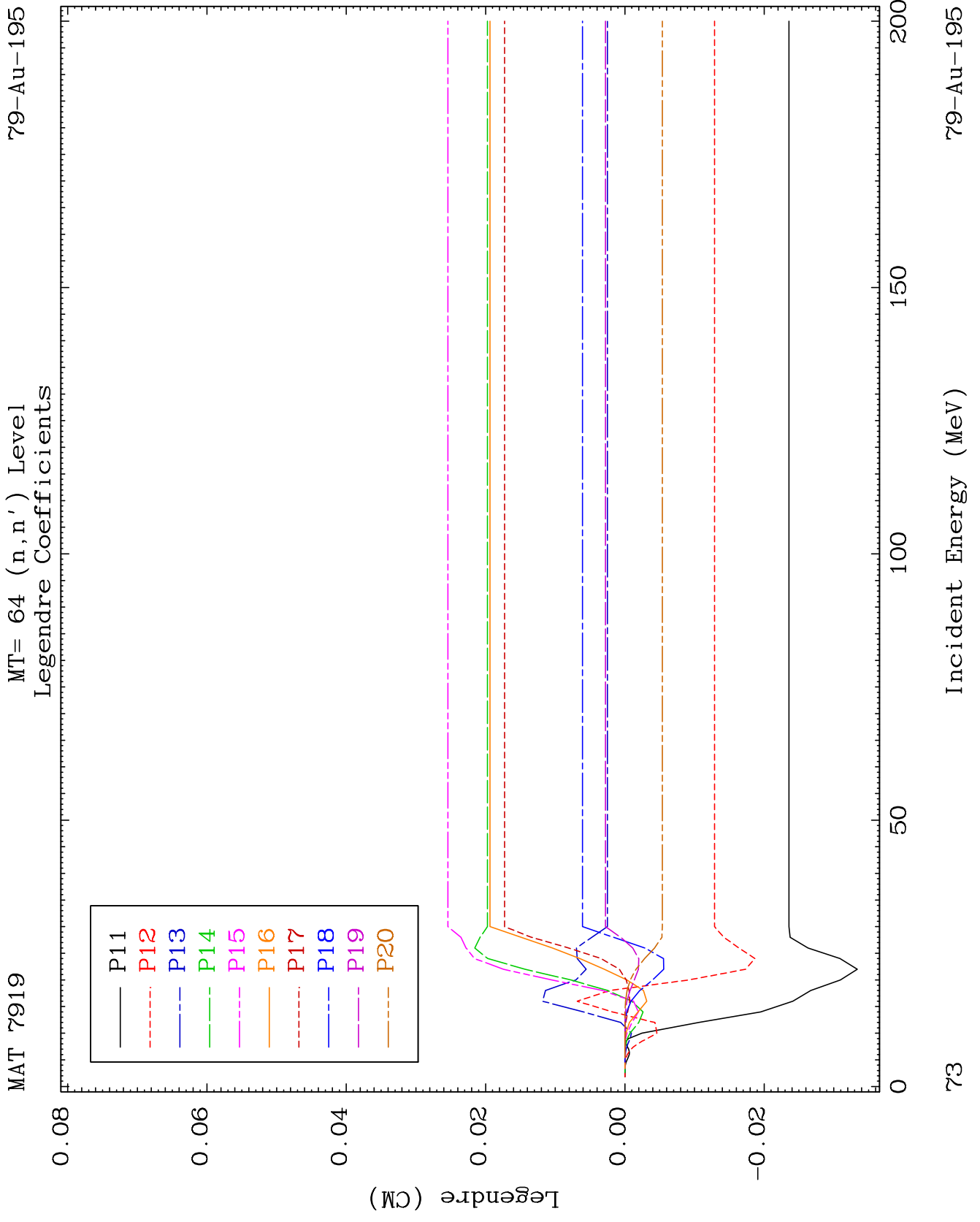
79-Au-195

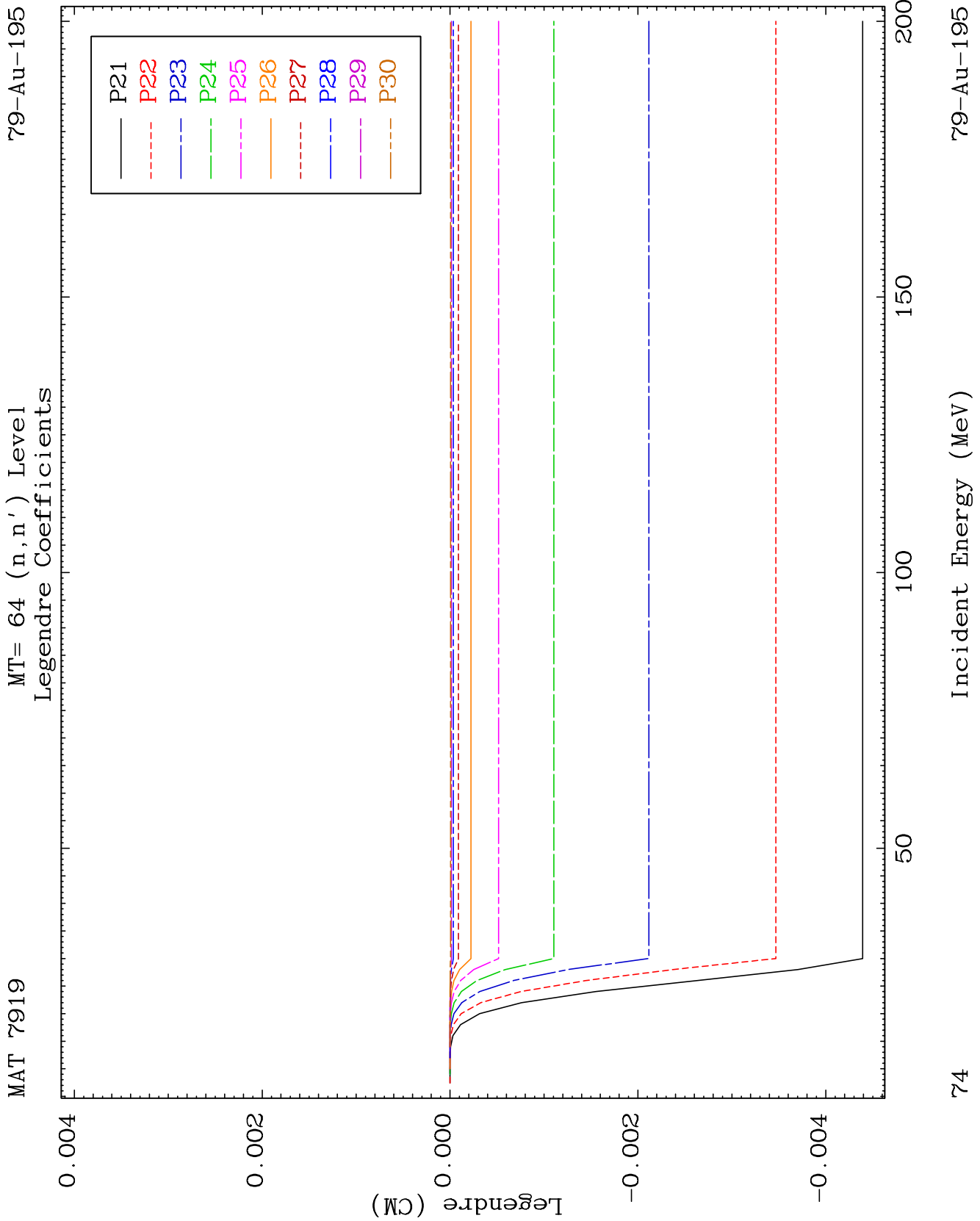


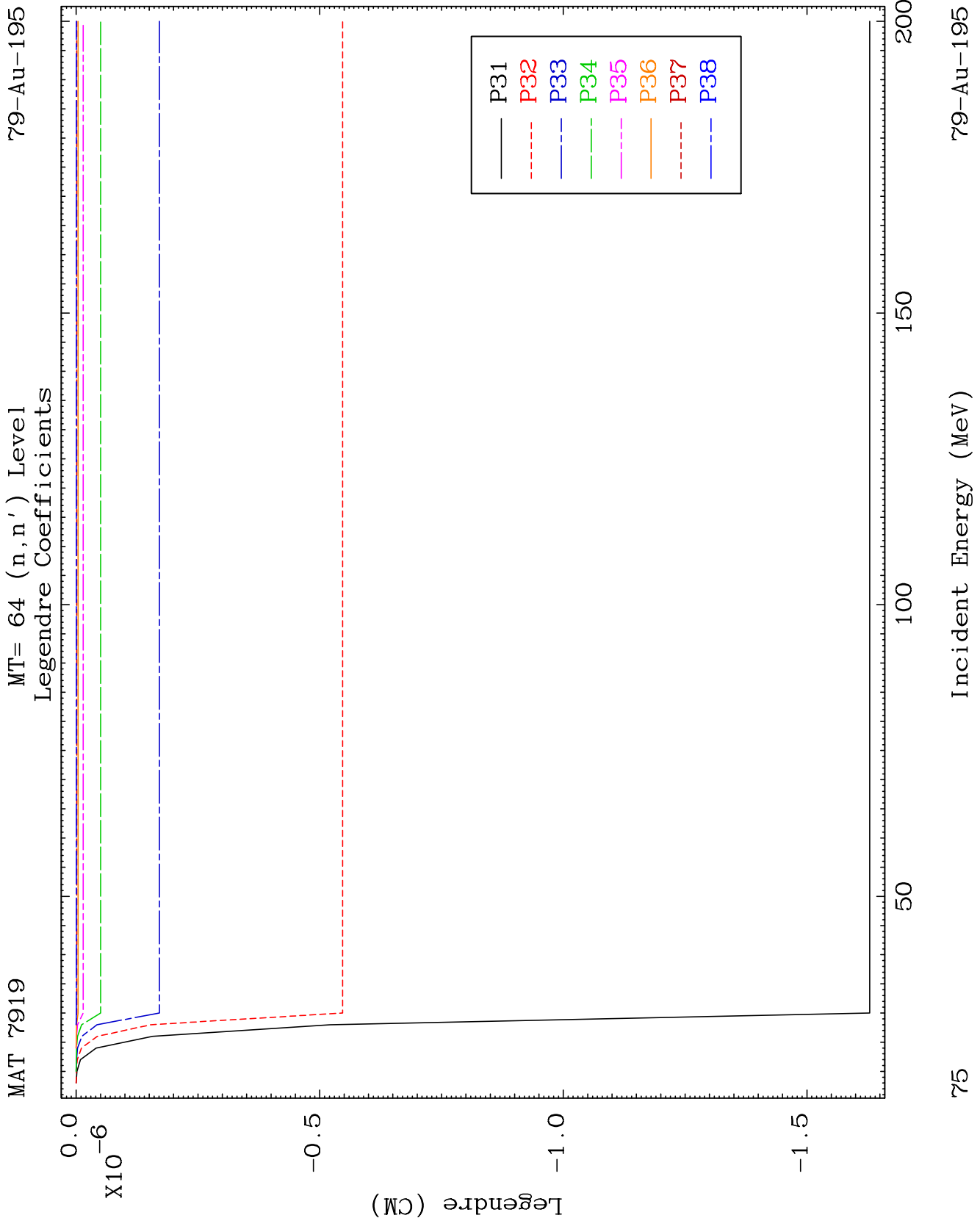
72

Incident Energy (MeV)

79-Au-195



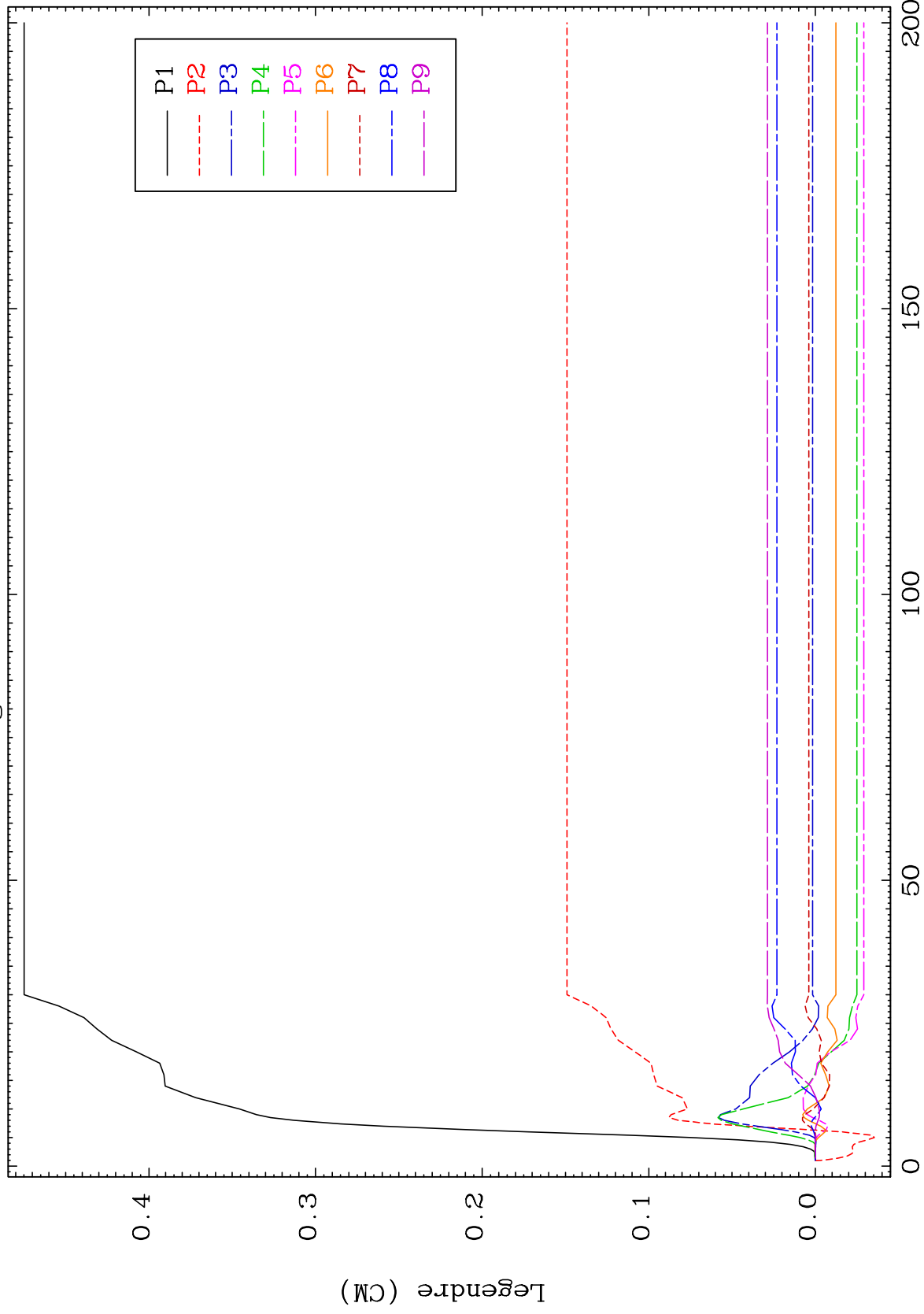




MAT 7919

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

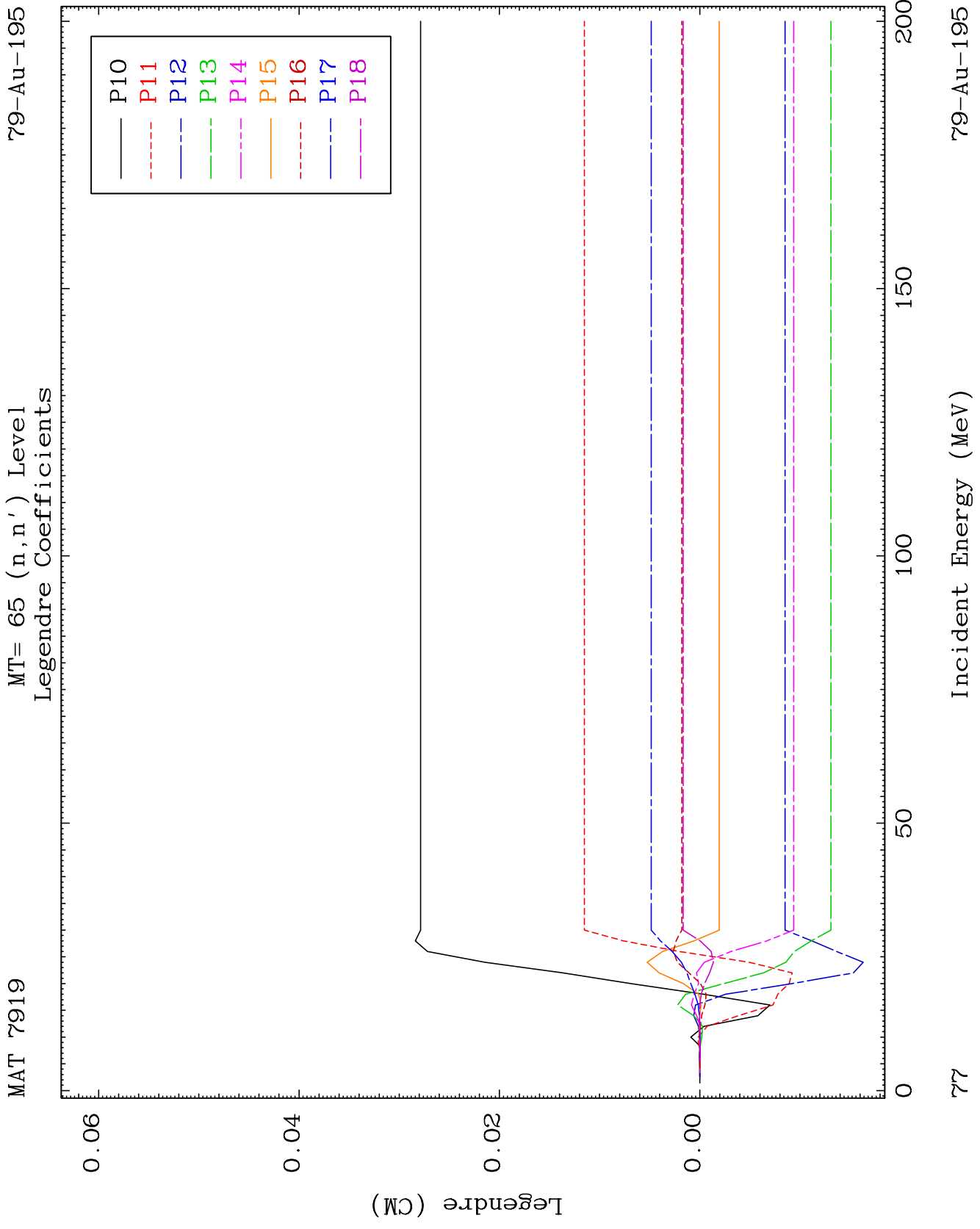
79-Au-195



76

Incident Energy (MeV)

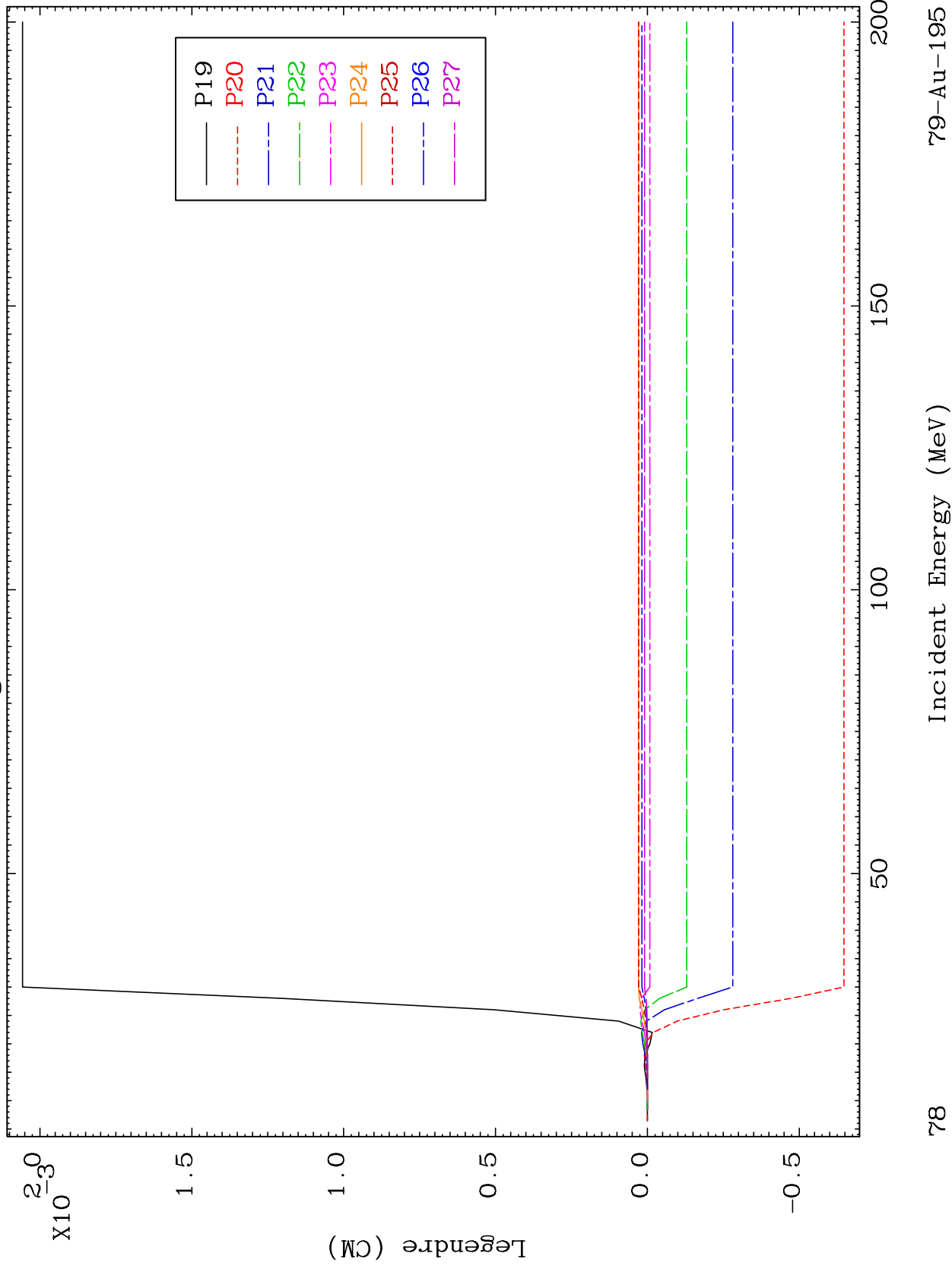
79-Au-195



MAT 7919

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

79-Au-195



78

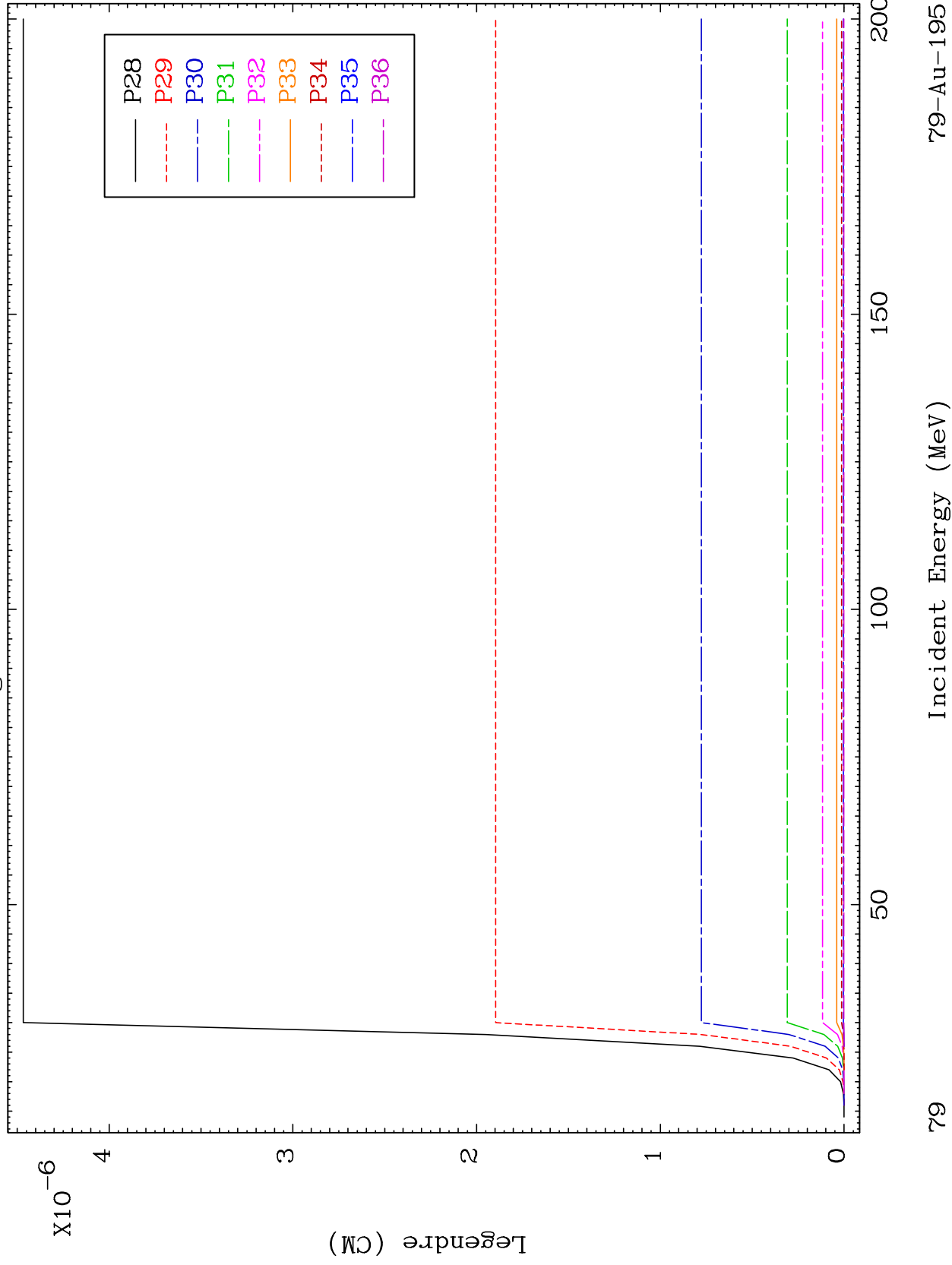
Incident Energy (MeV)

79-Au-195

MAT 7919

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

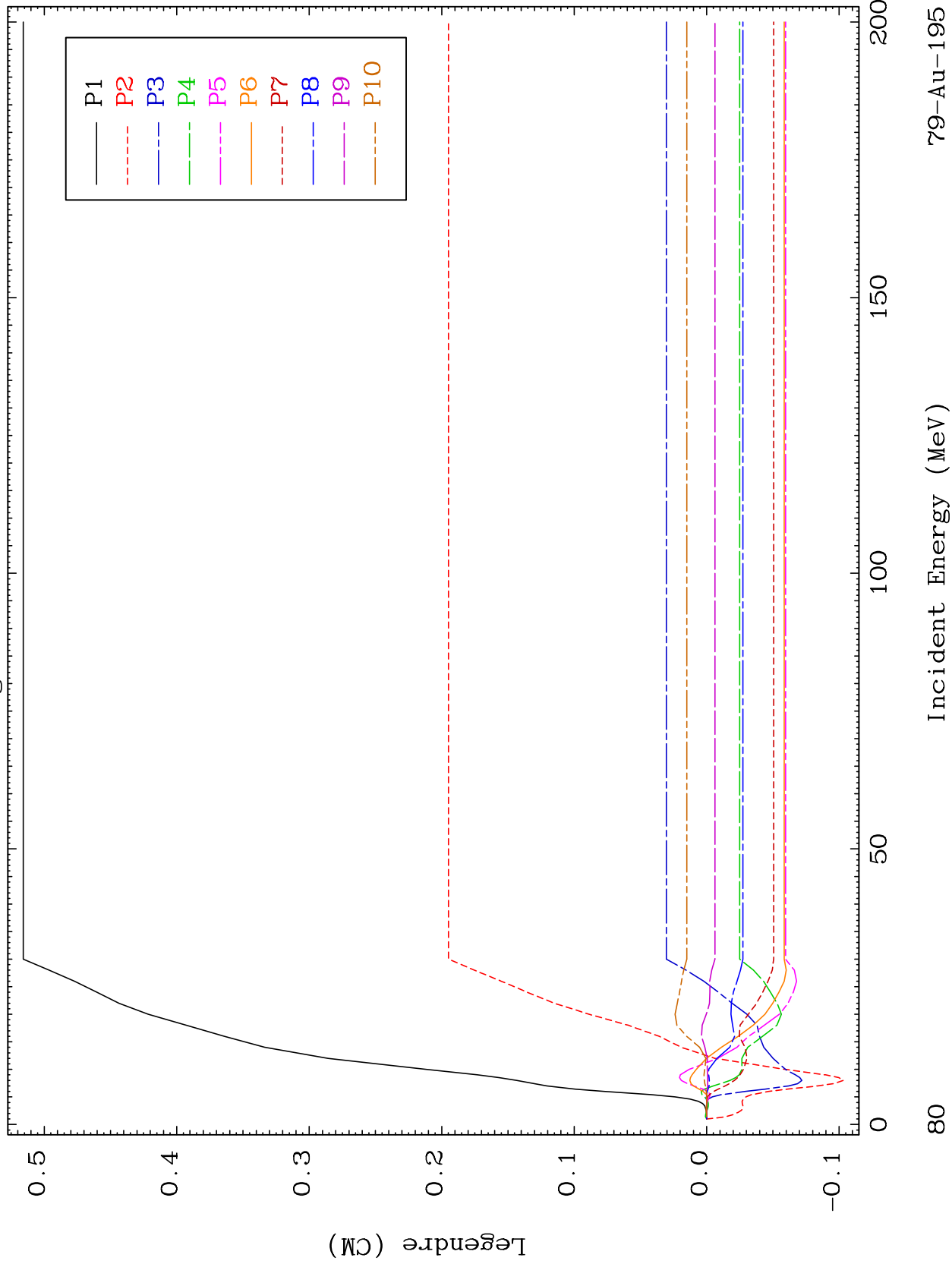
79-Au-195



MAT 7919

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

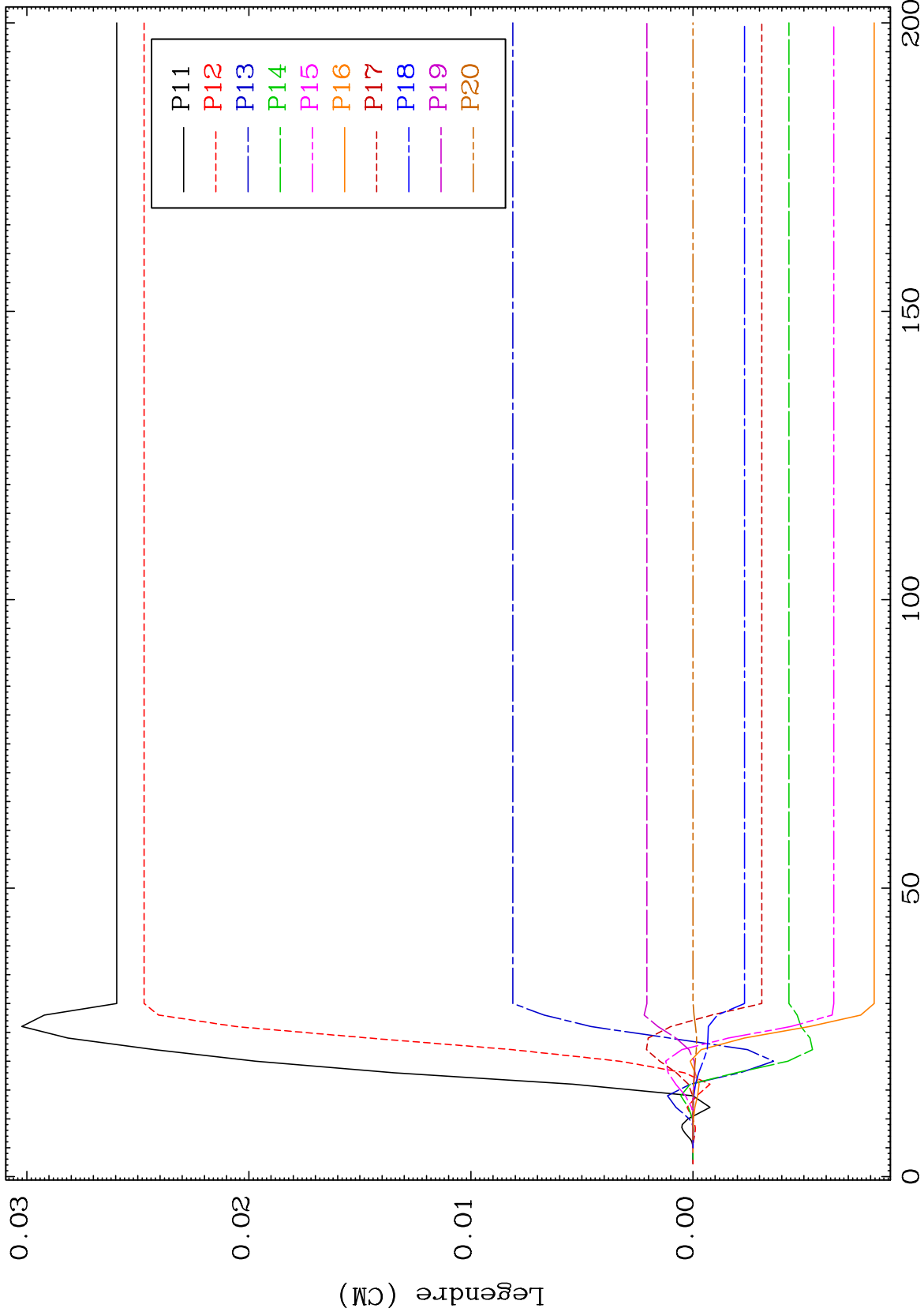
79-Au-195



MAT 7919

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

79-Au-195



81

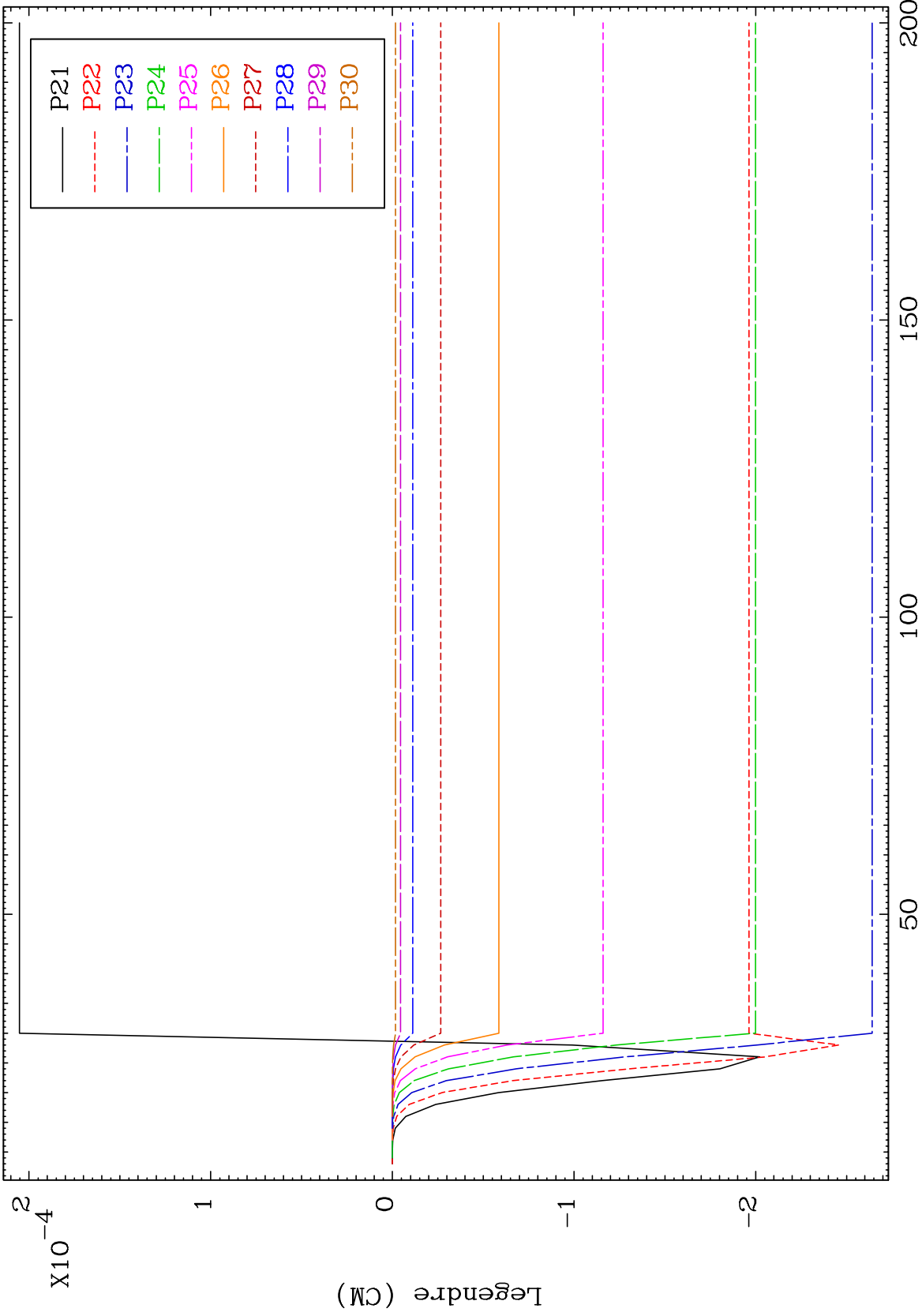
Incident Energy (MeV)

79-Au-195

MAT 7919

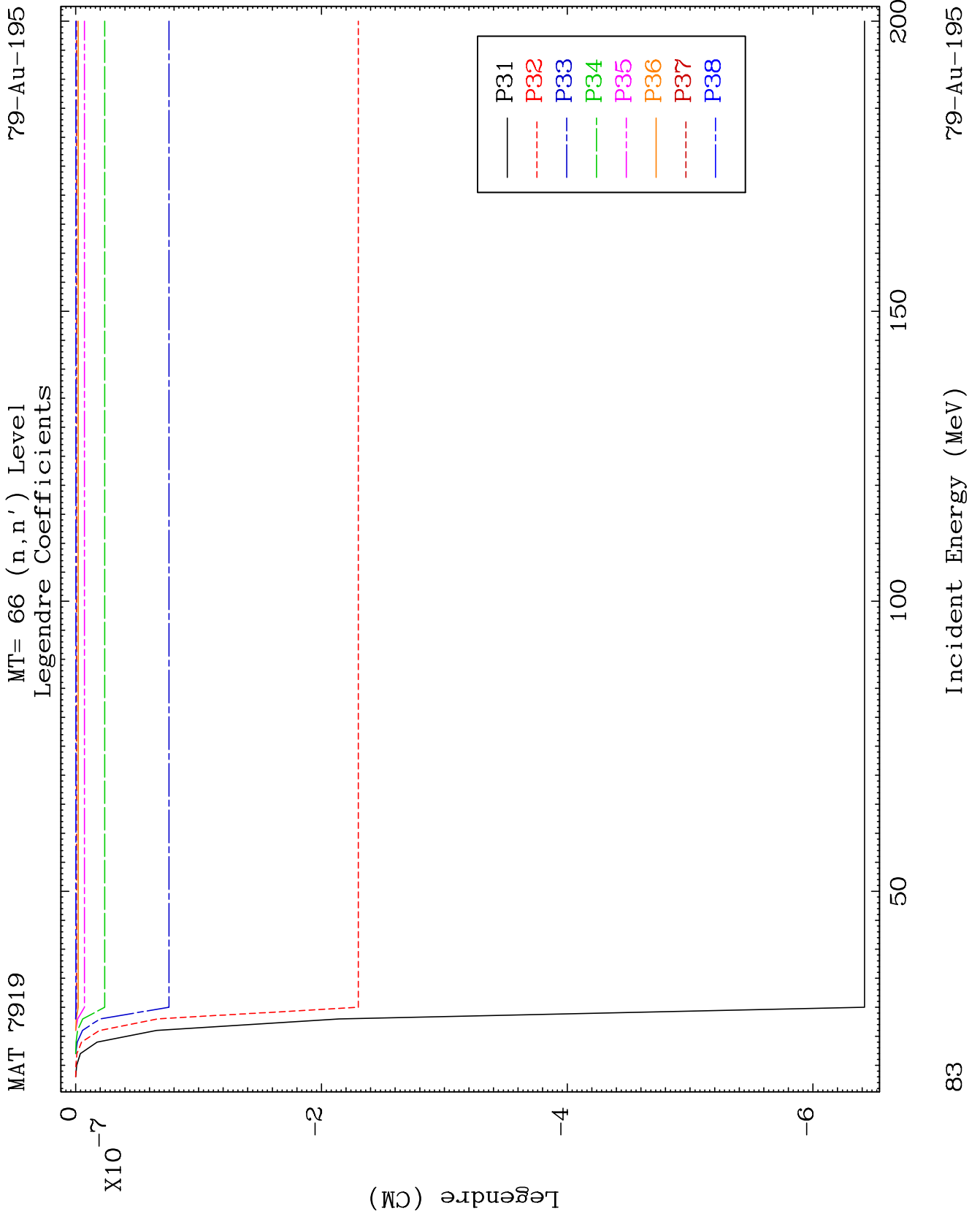
MT= 66 (n,n') Level
Legendre Coefficients

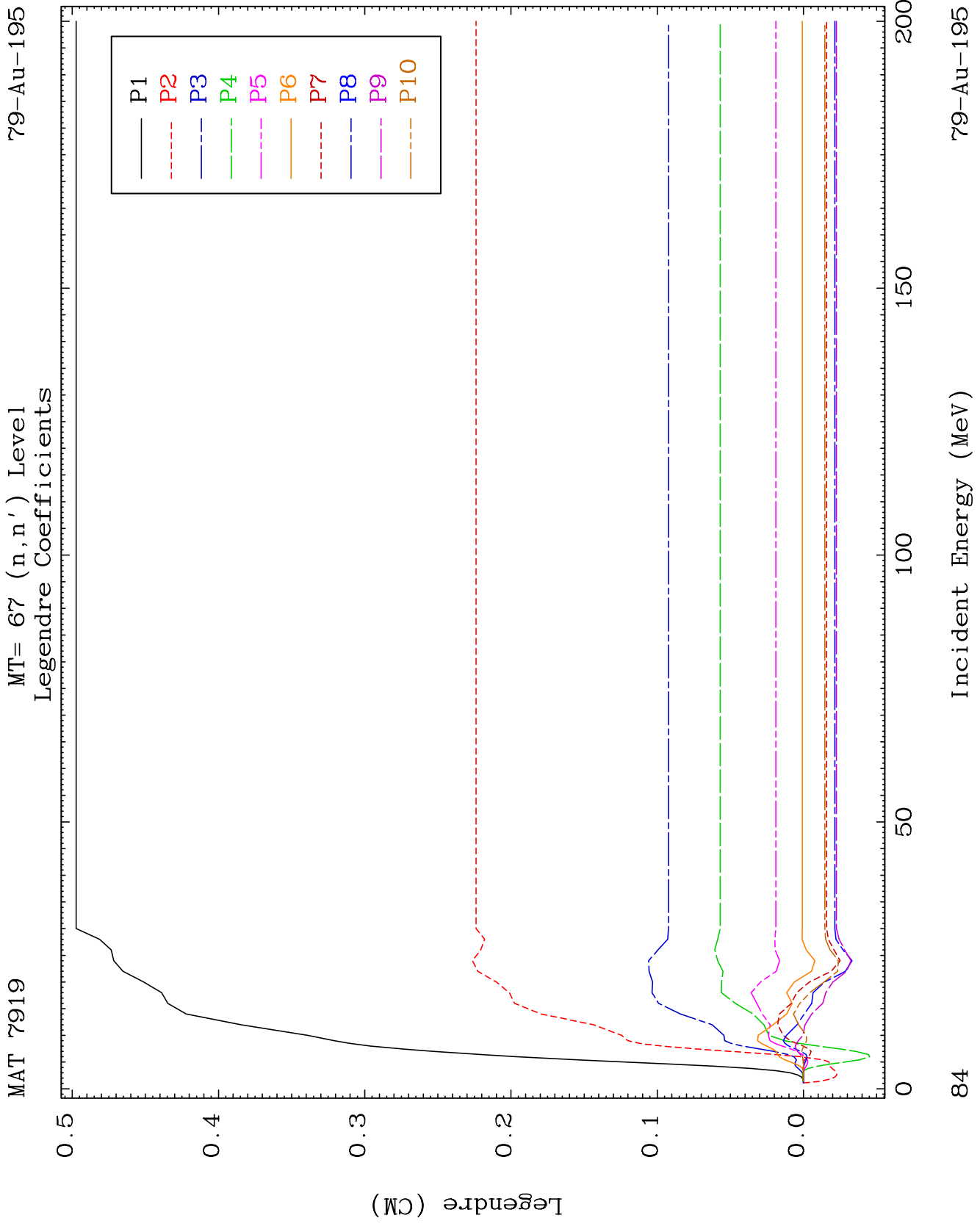
79-Au-195



82

79-Au-195

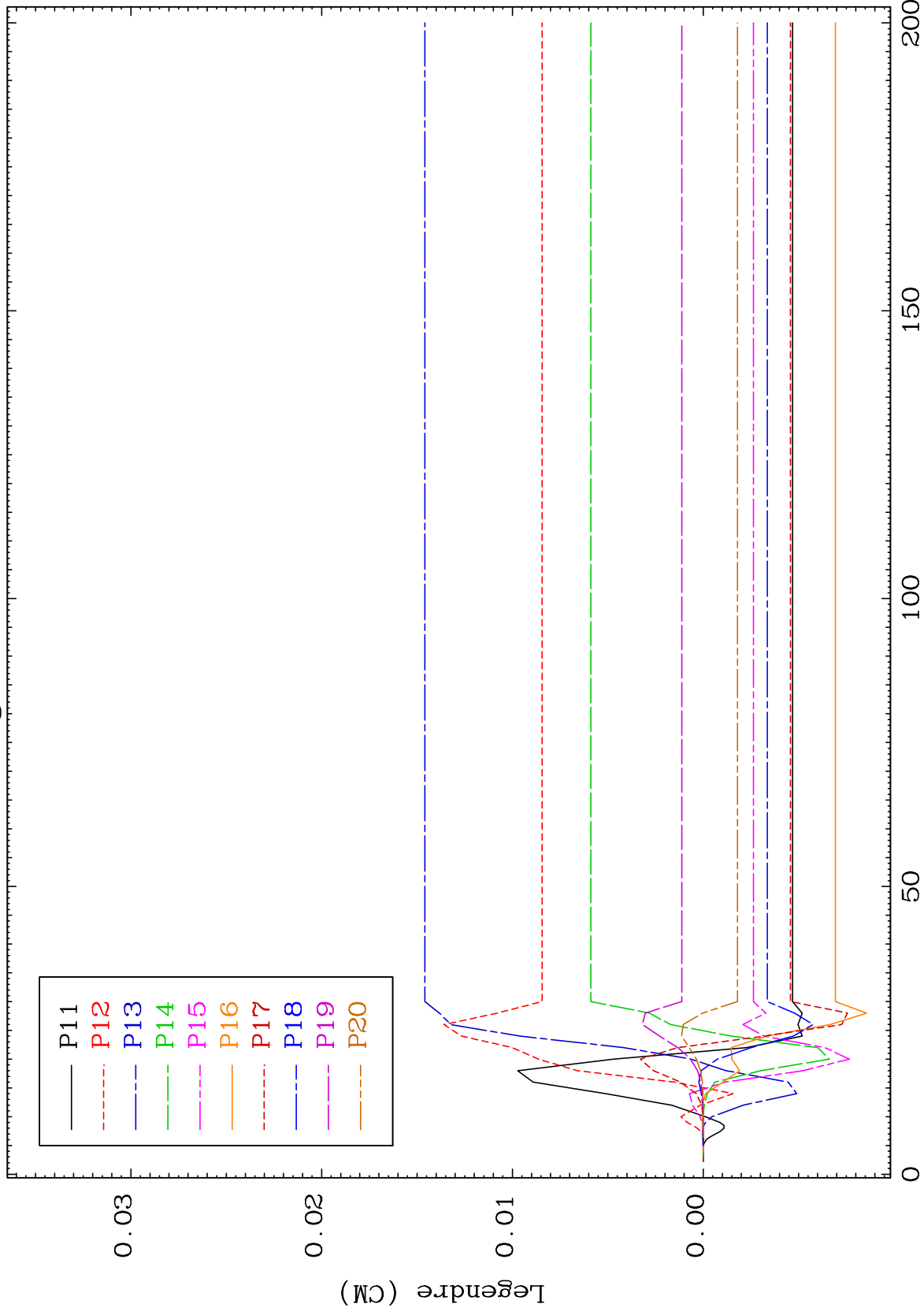




MAT 7919

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

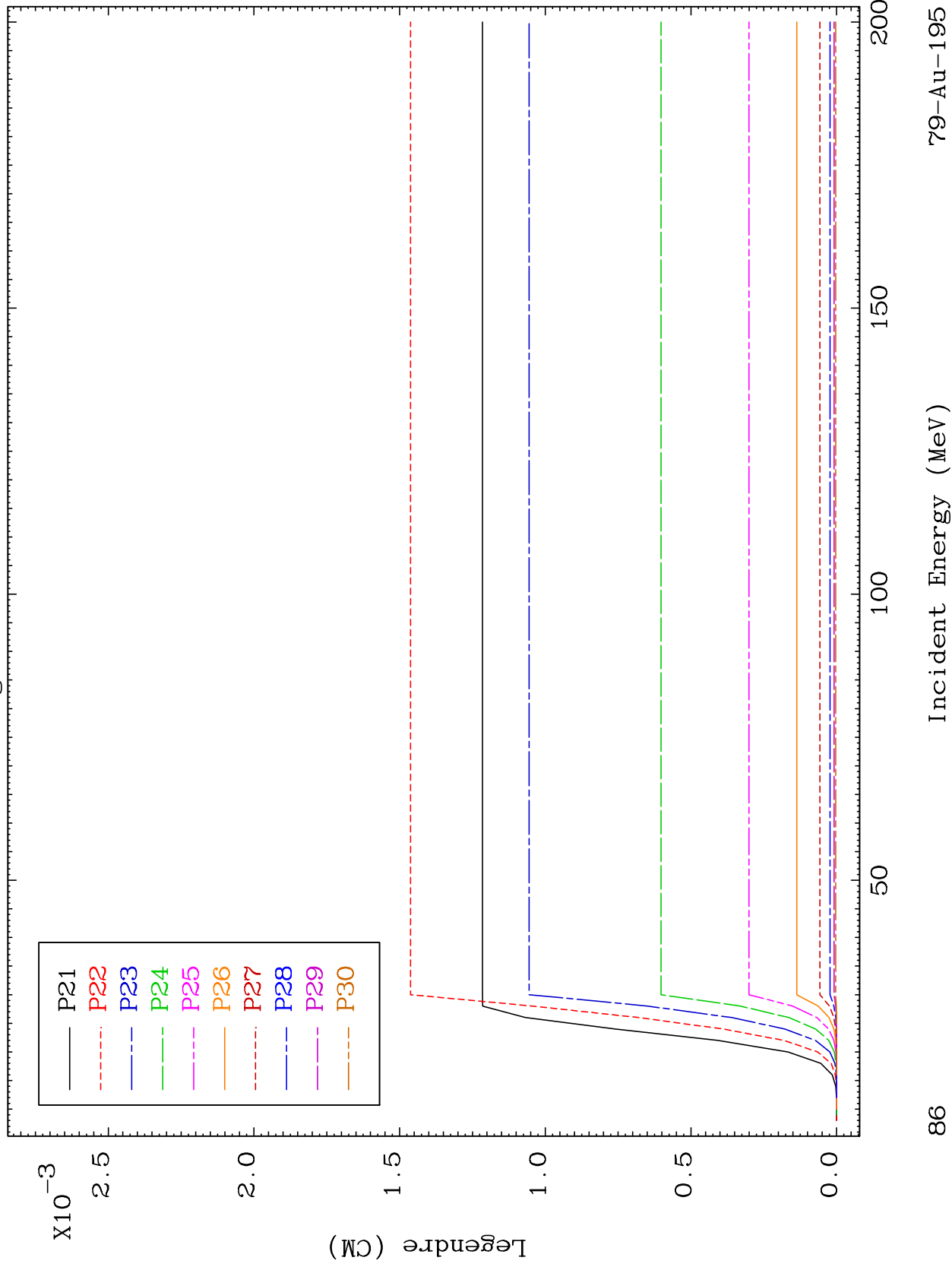
79-Au-195



85

Incident Energy (MeV)

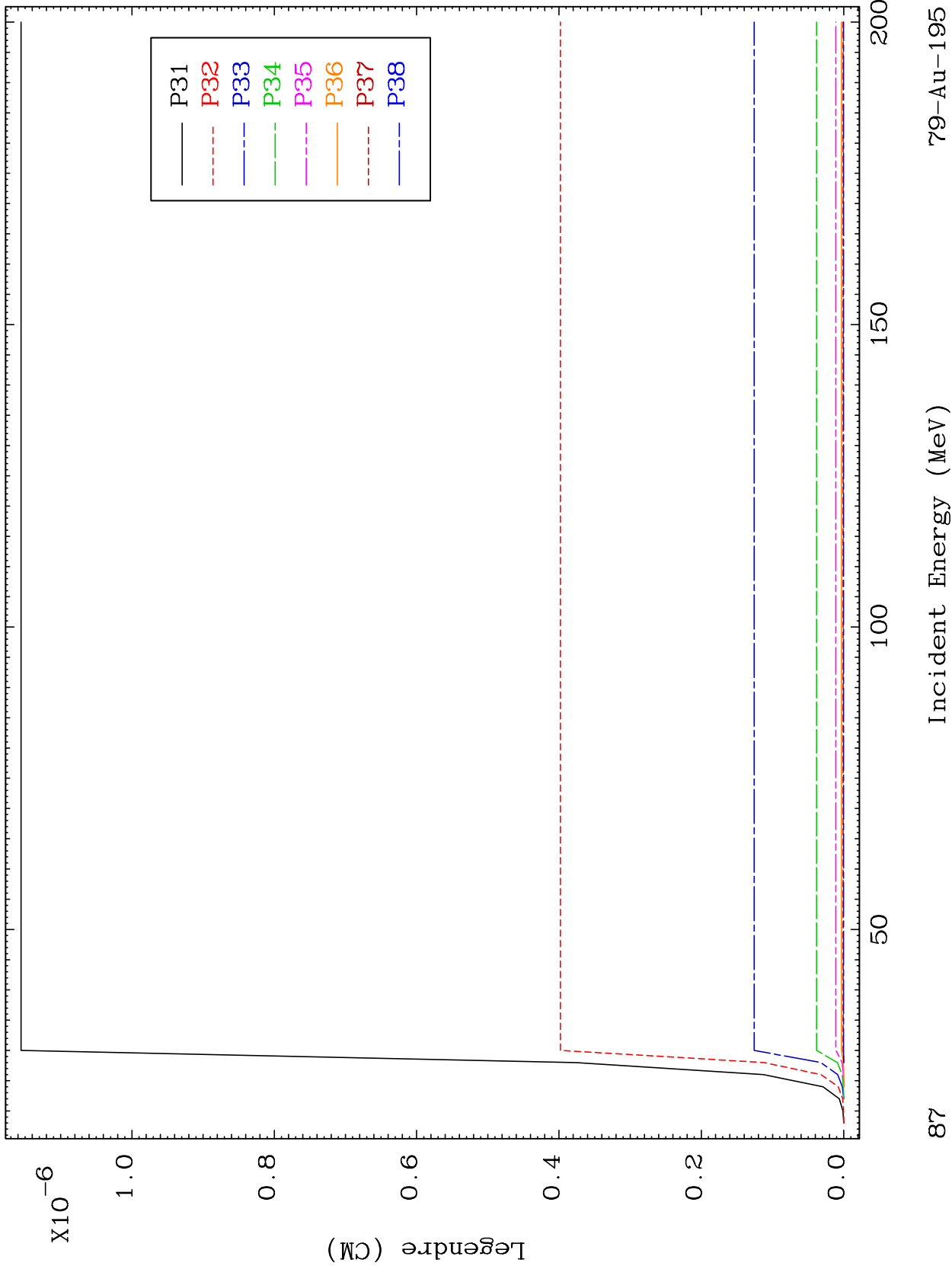
79-Au-195

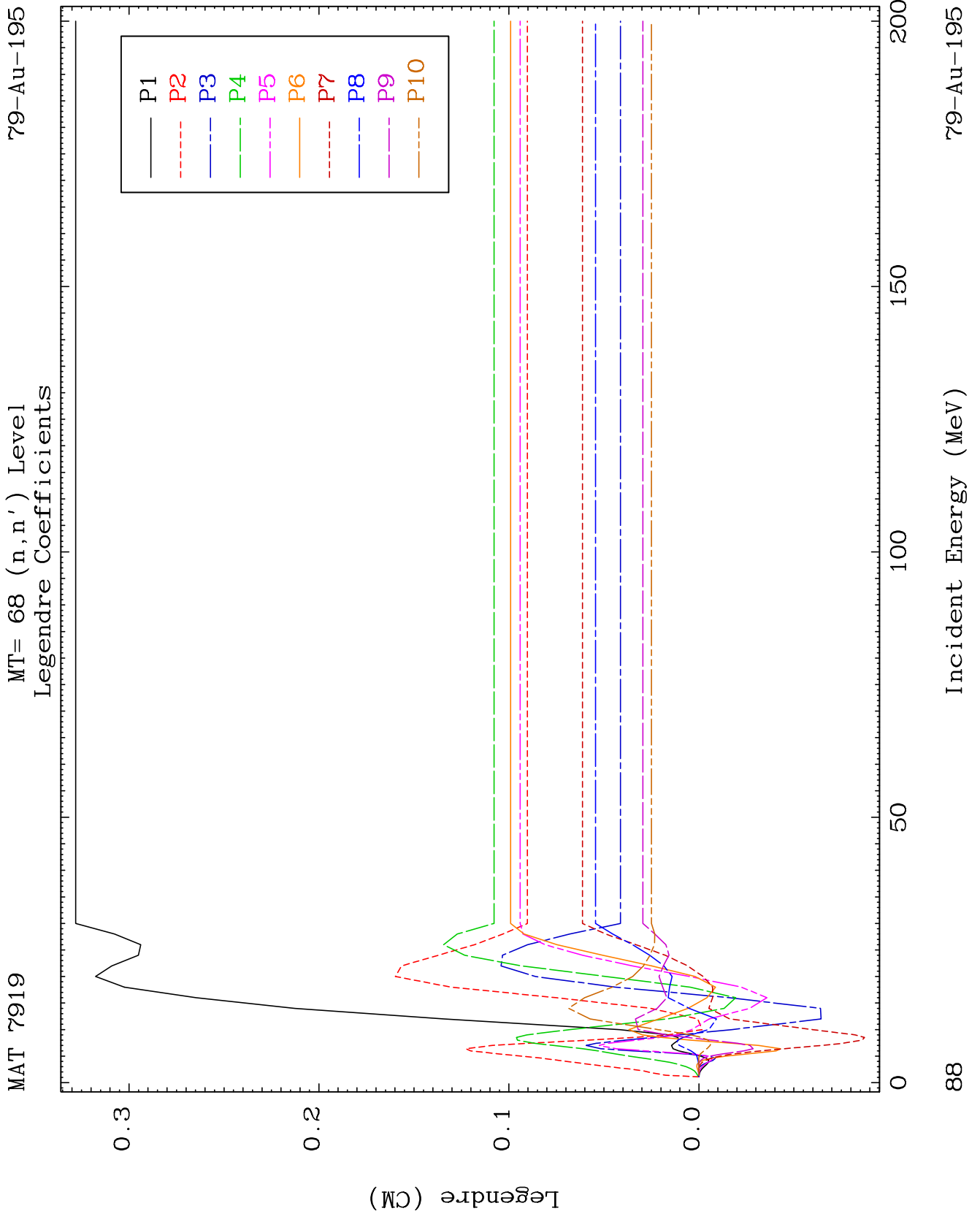


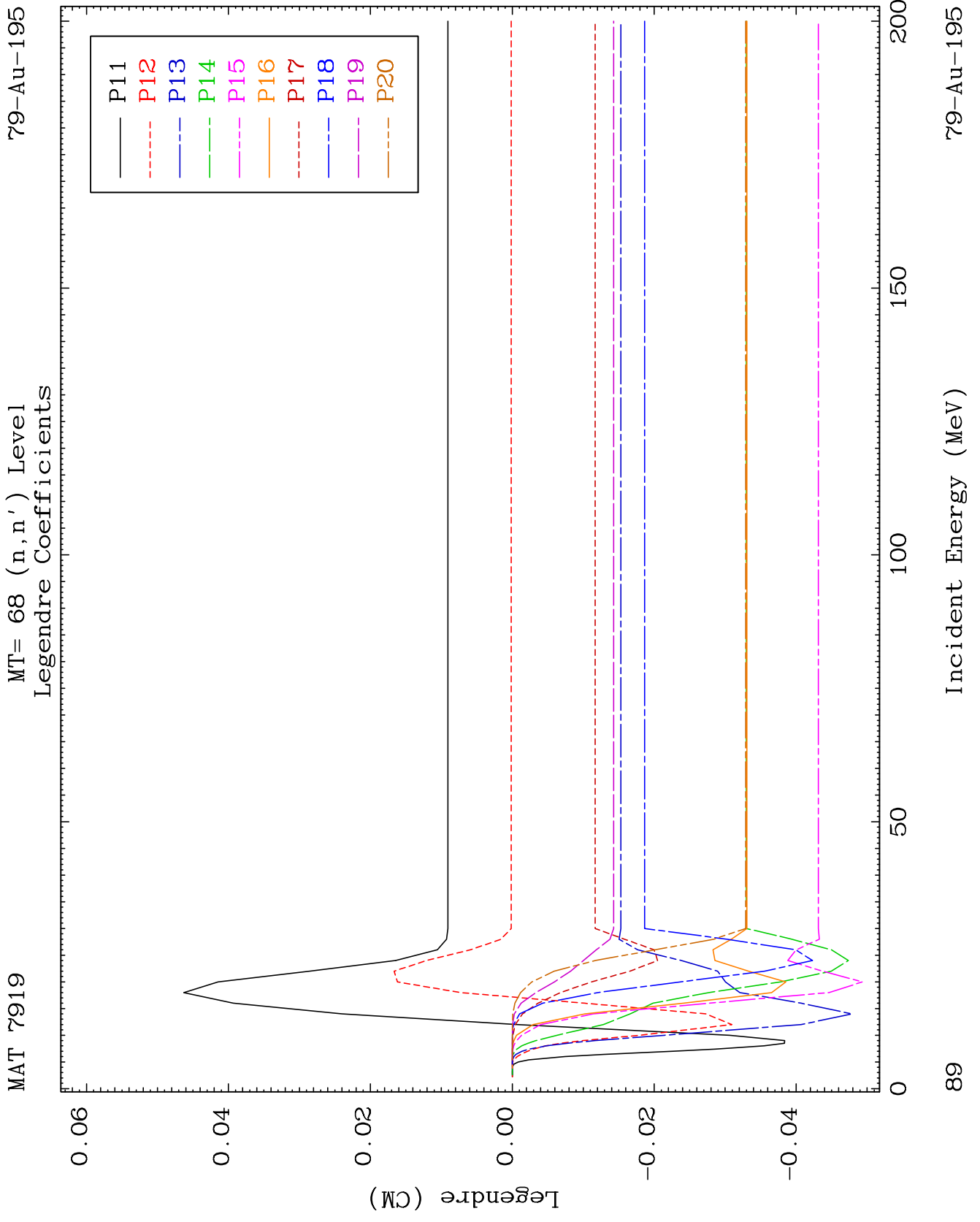
MAT 7919

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

79-Au-195



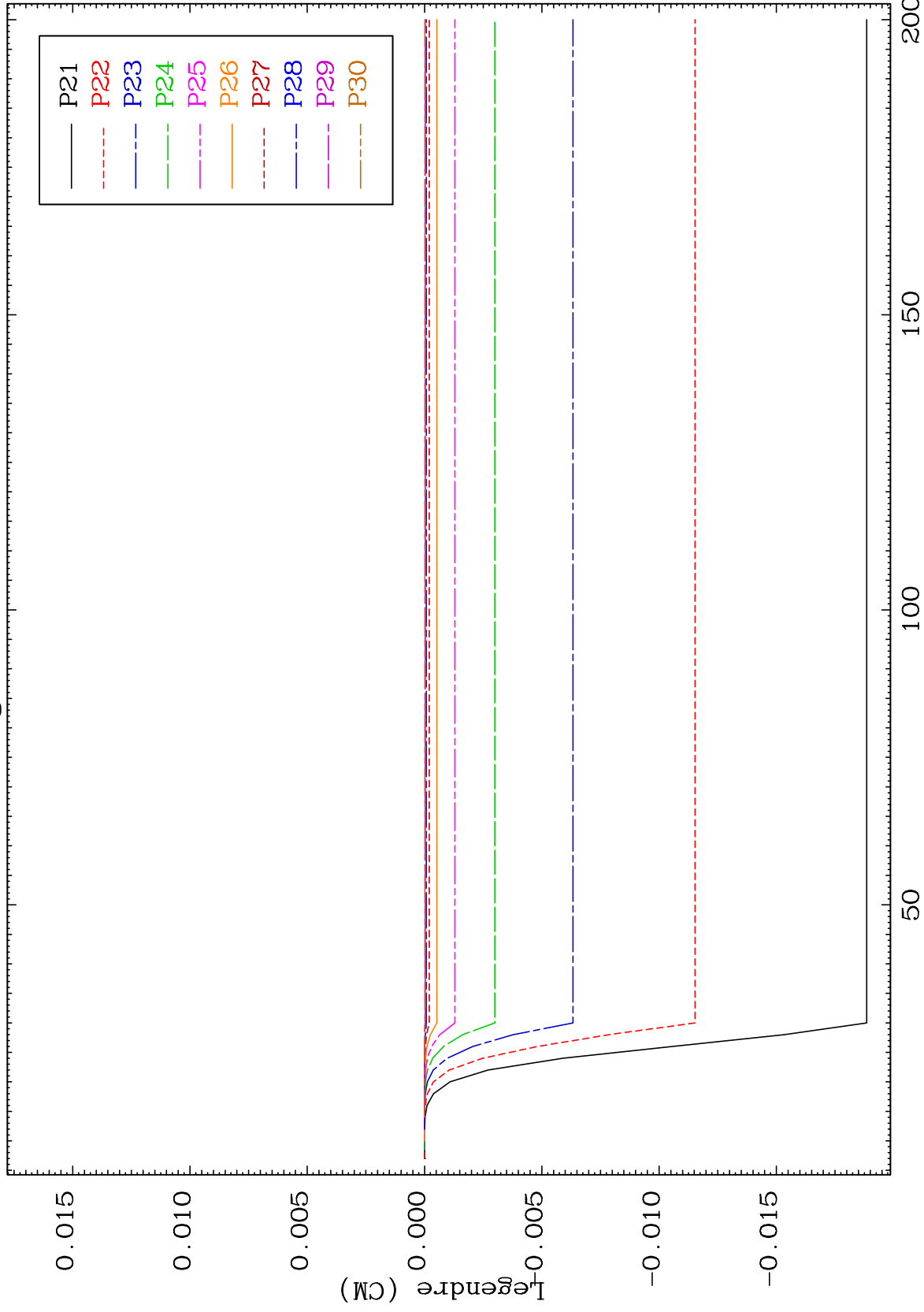




MAT 7919

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

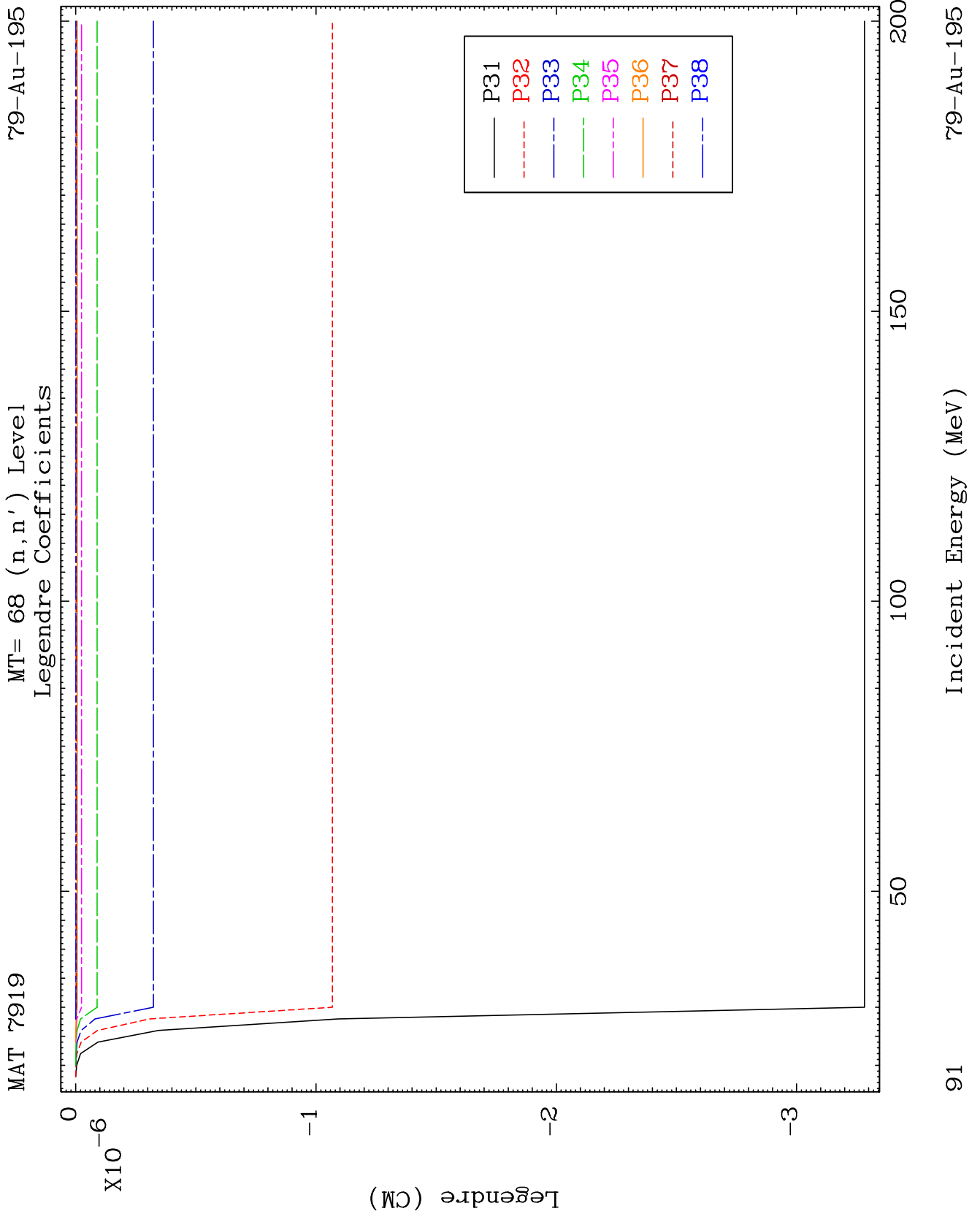
79-Au-195



90

Incident Energy (MeV)

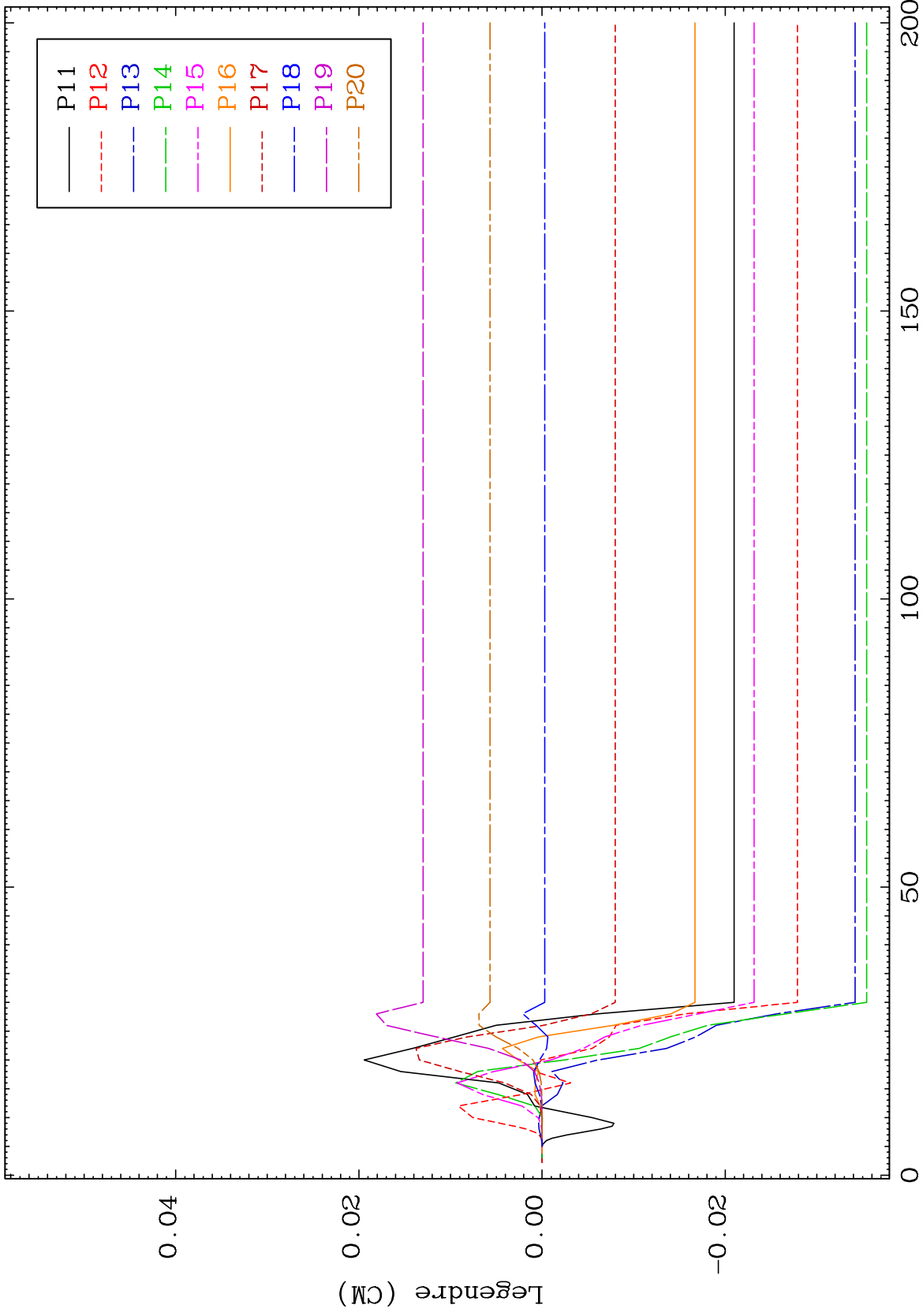
79-Au-195



MAT 7919

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

79-Au-195



93

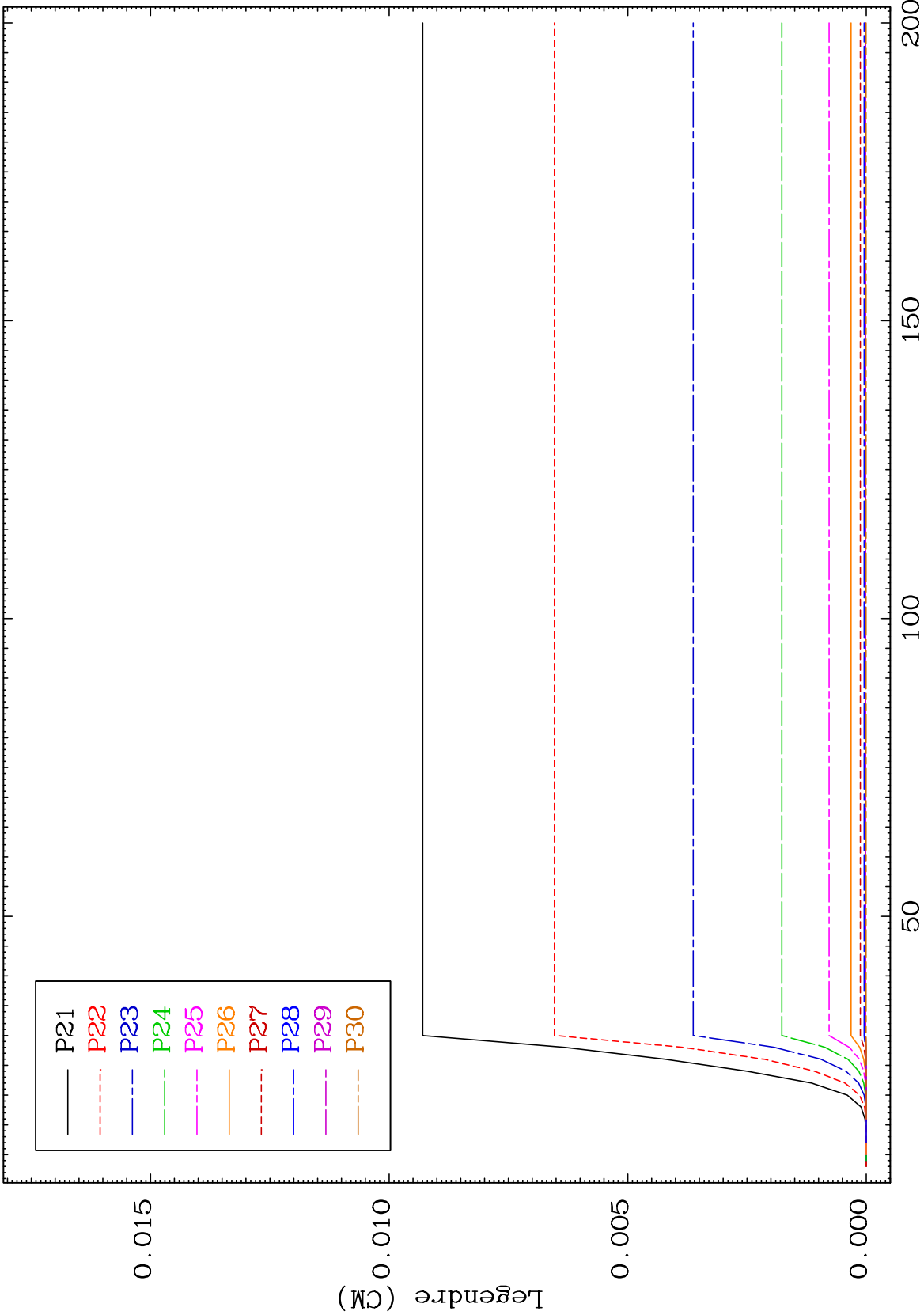
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



94

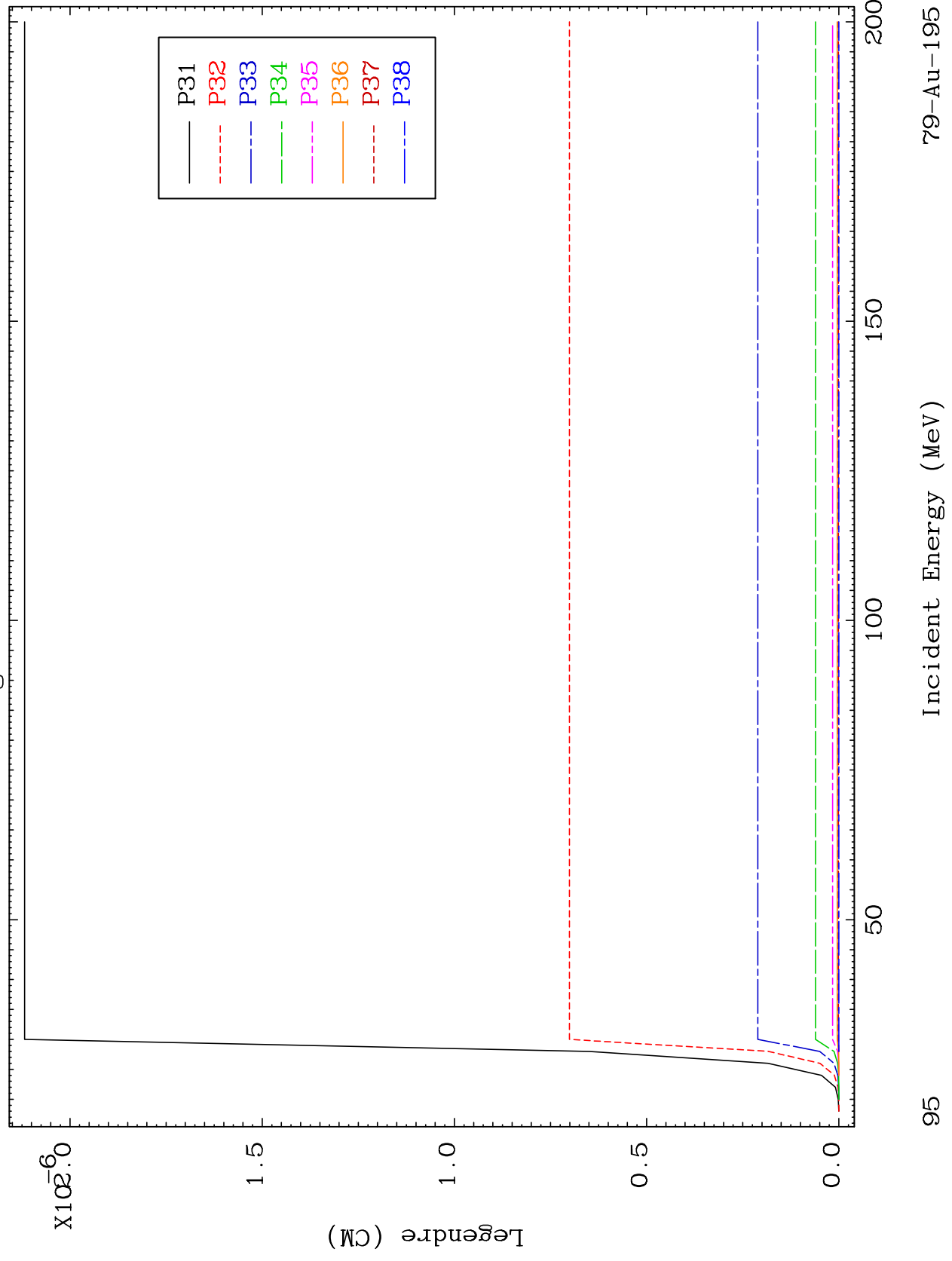
Incident Energy (MeV)

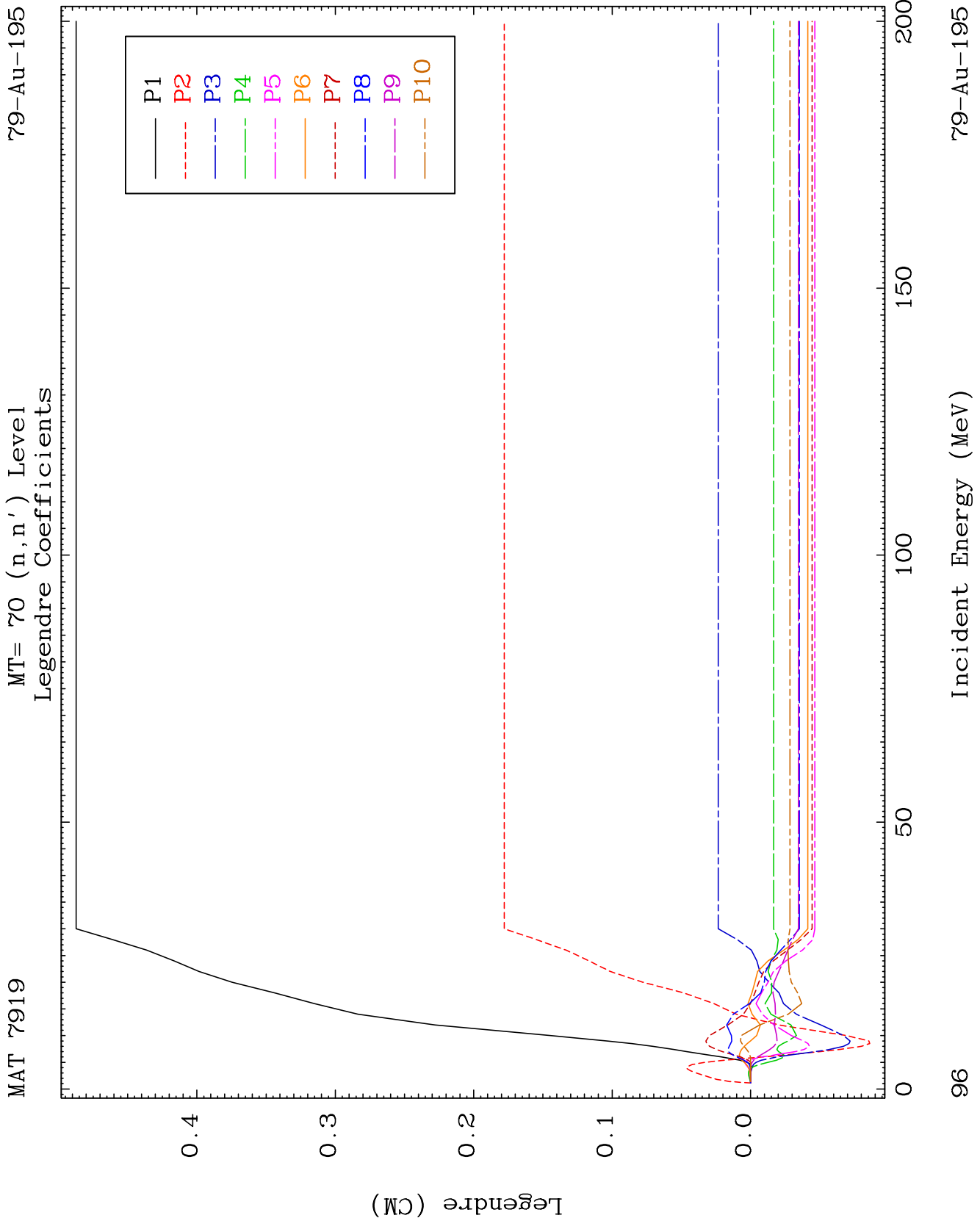
79-Au-195

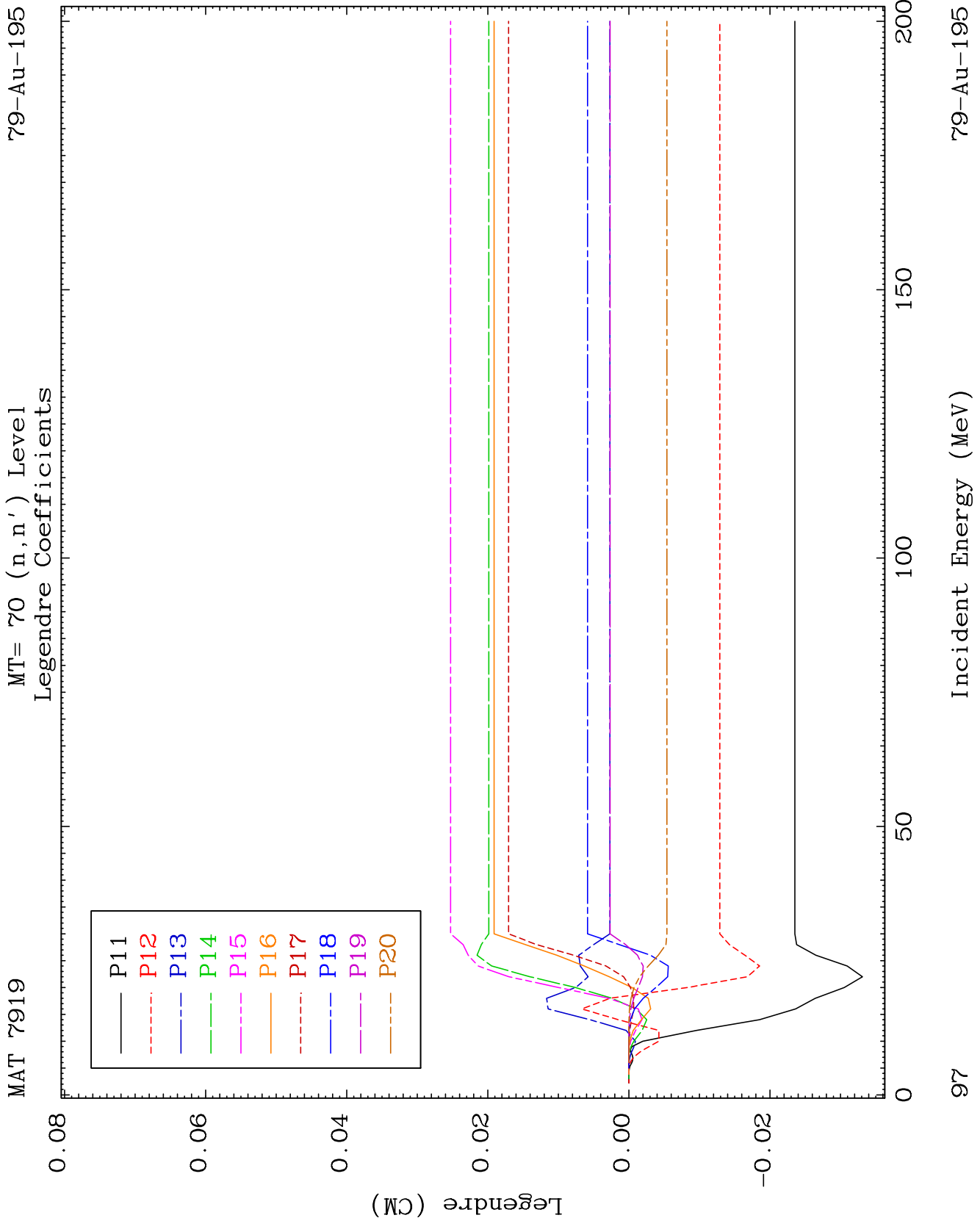
MAT 7919

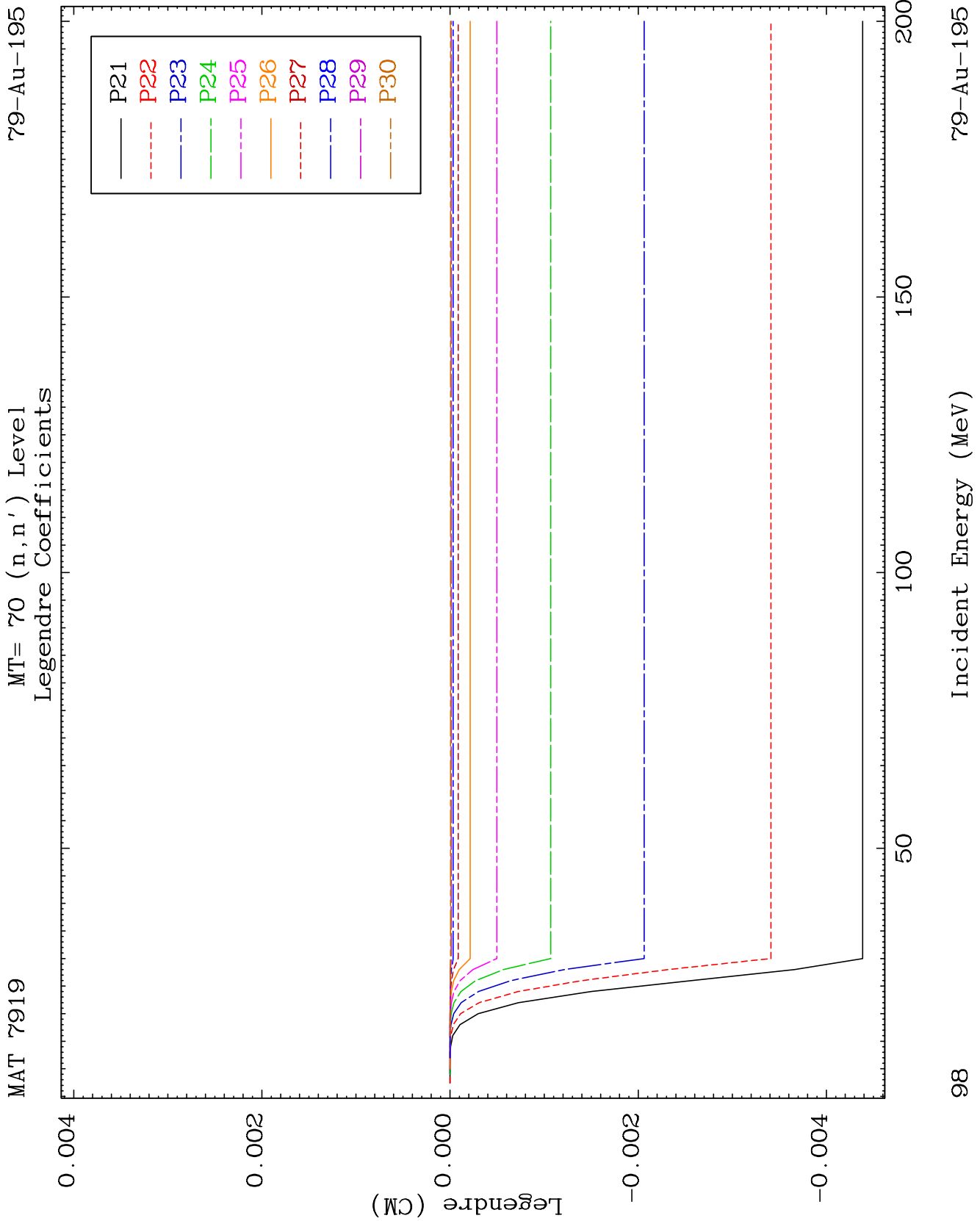
MT= 69 (n,n') Level
Legendre Coefficients

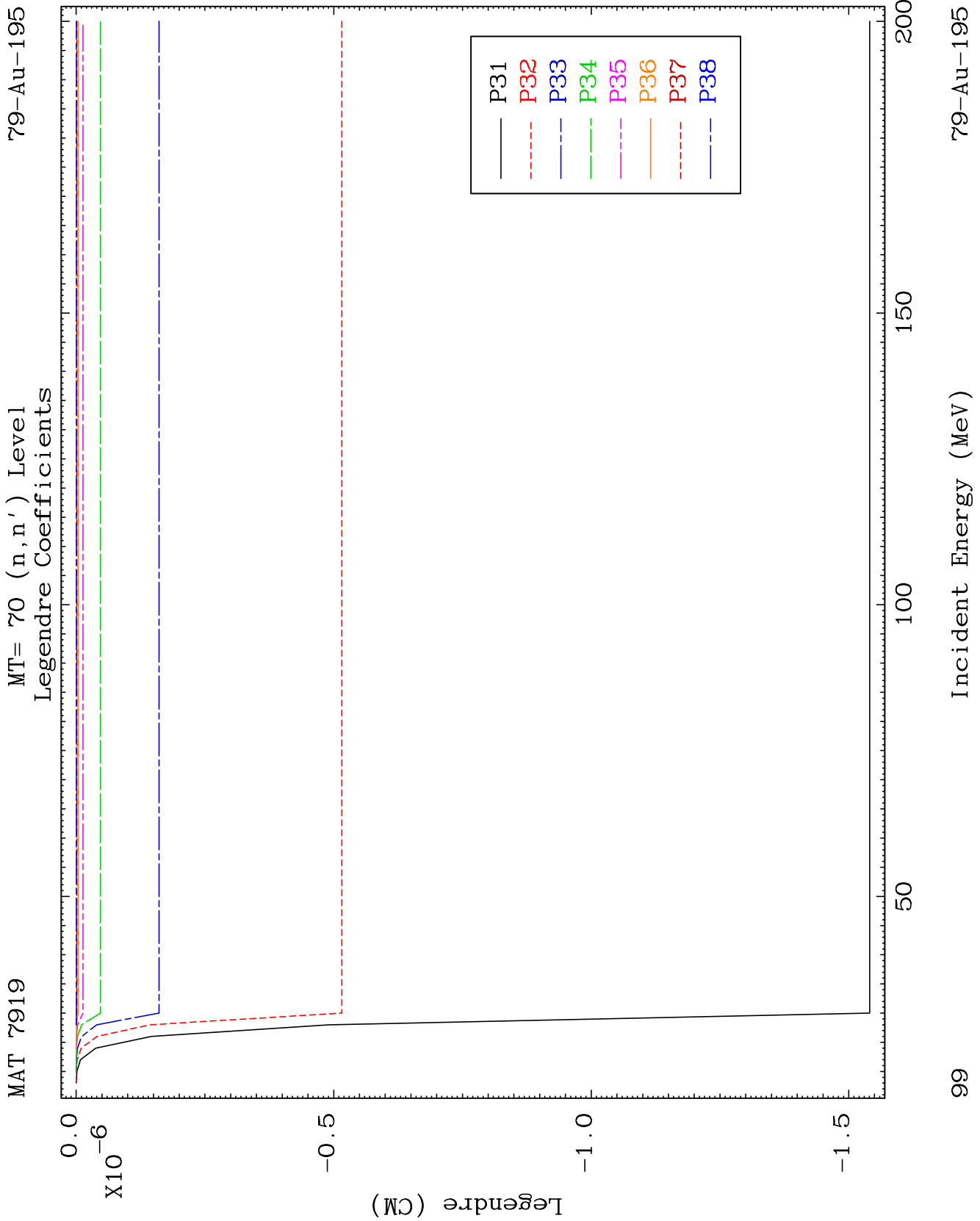
79-Au-195







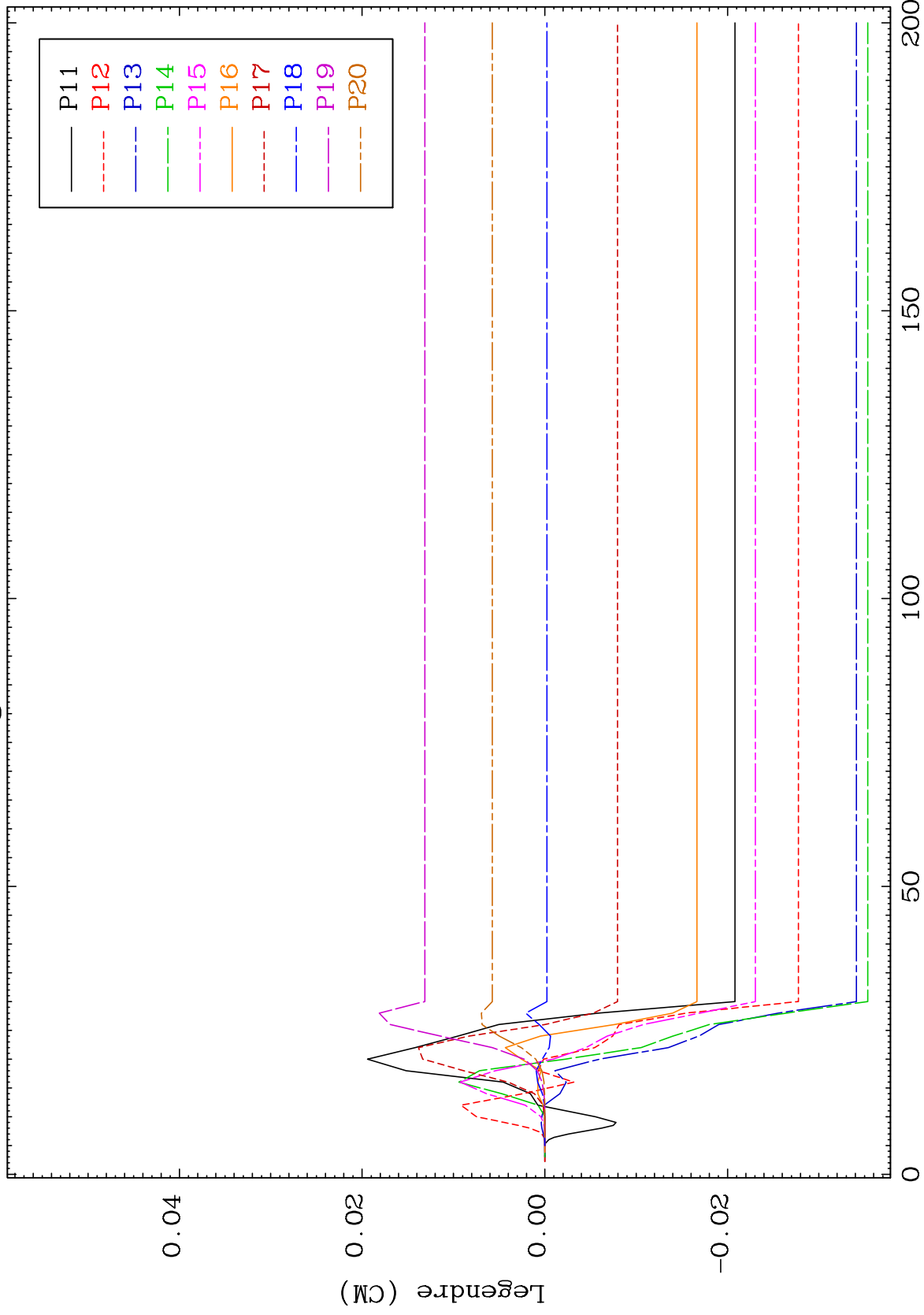




MAT 7919

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

79-Au-195



101

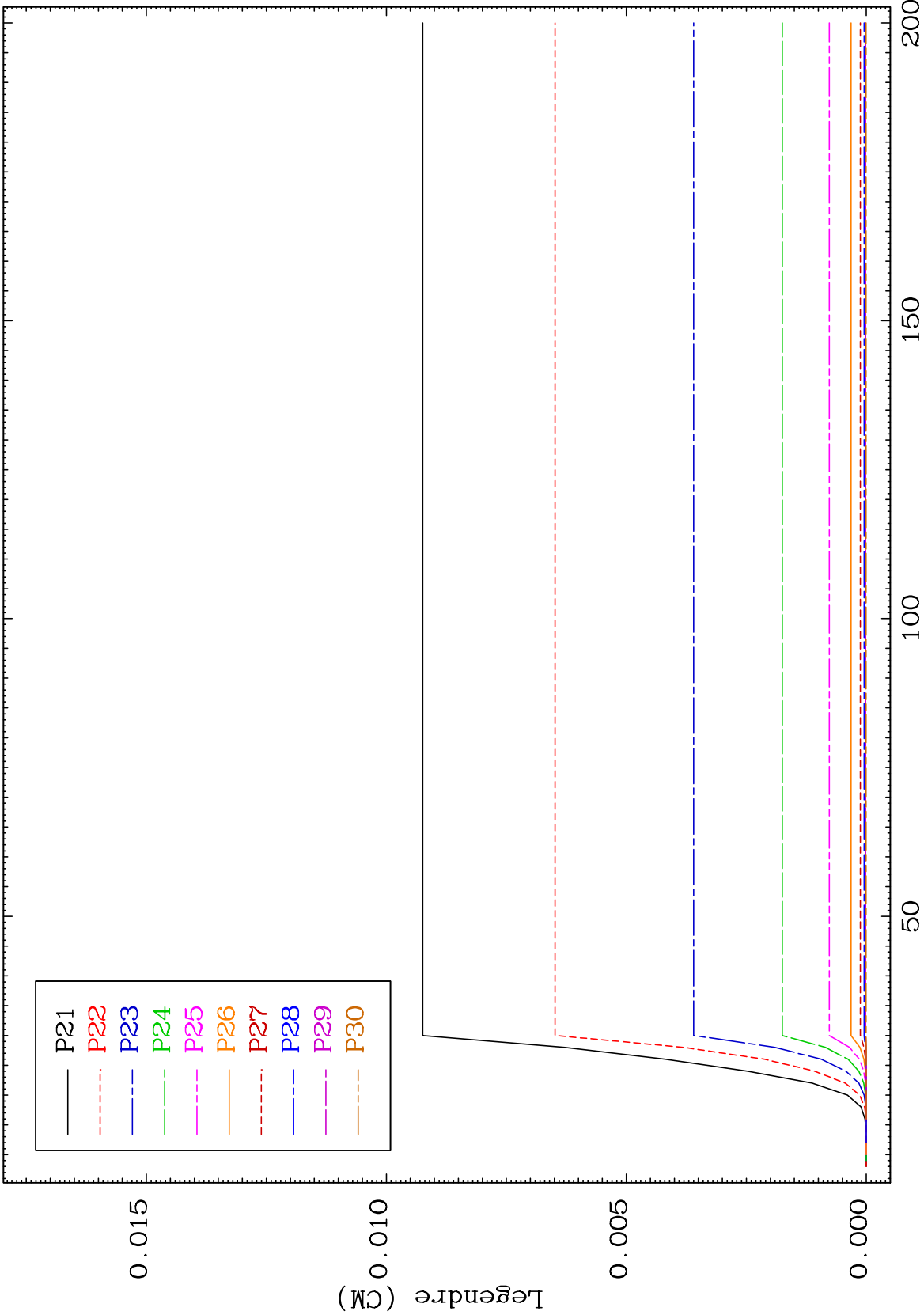
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



102

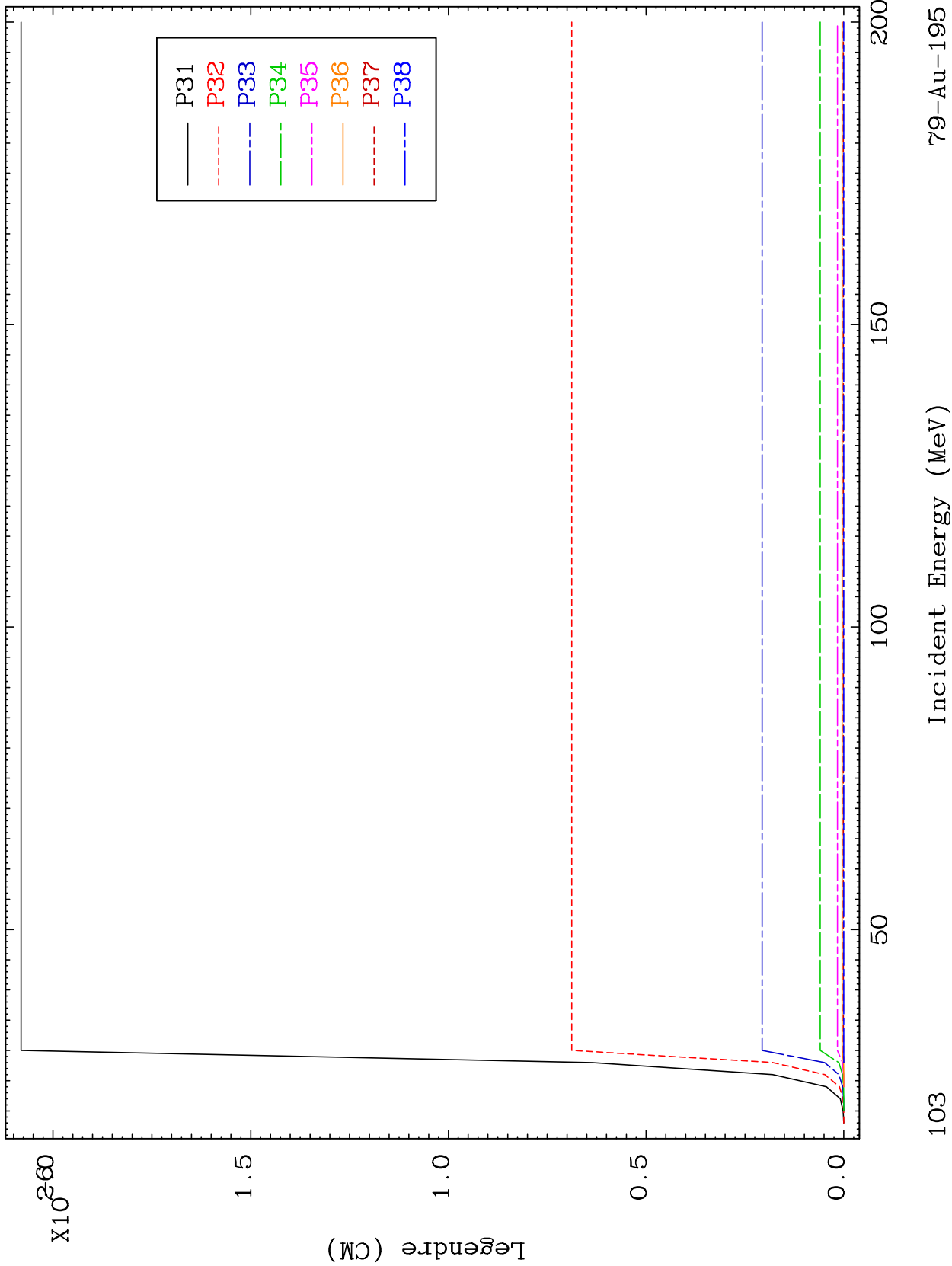
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



103

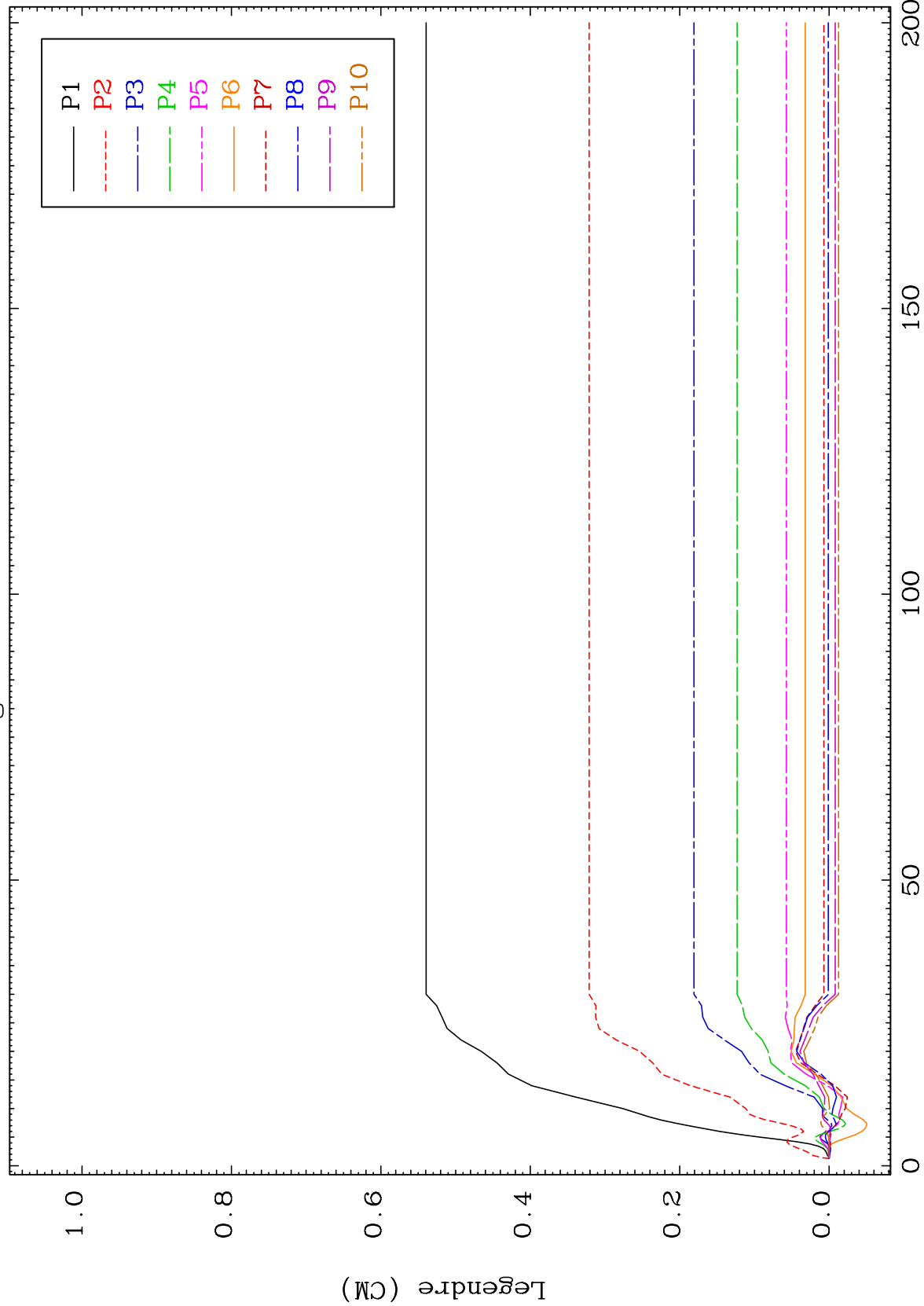
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



104

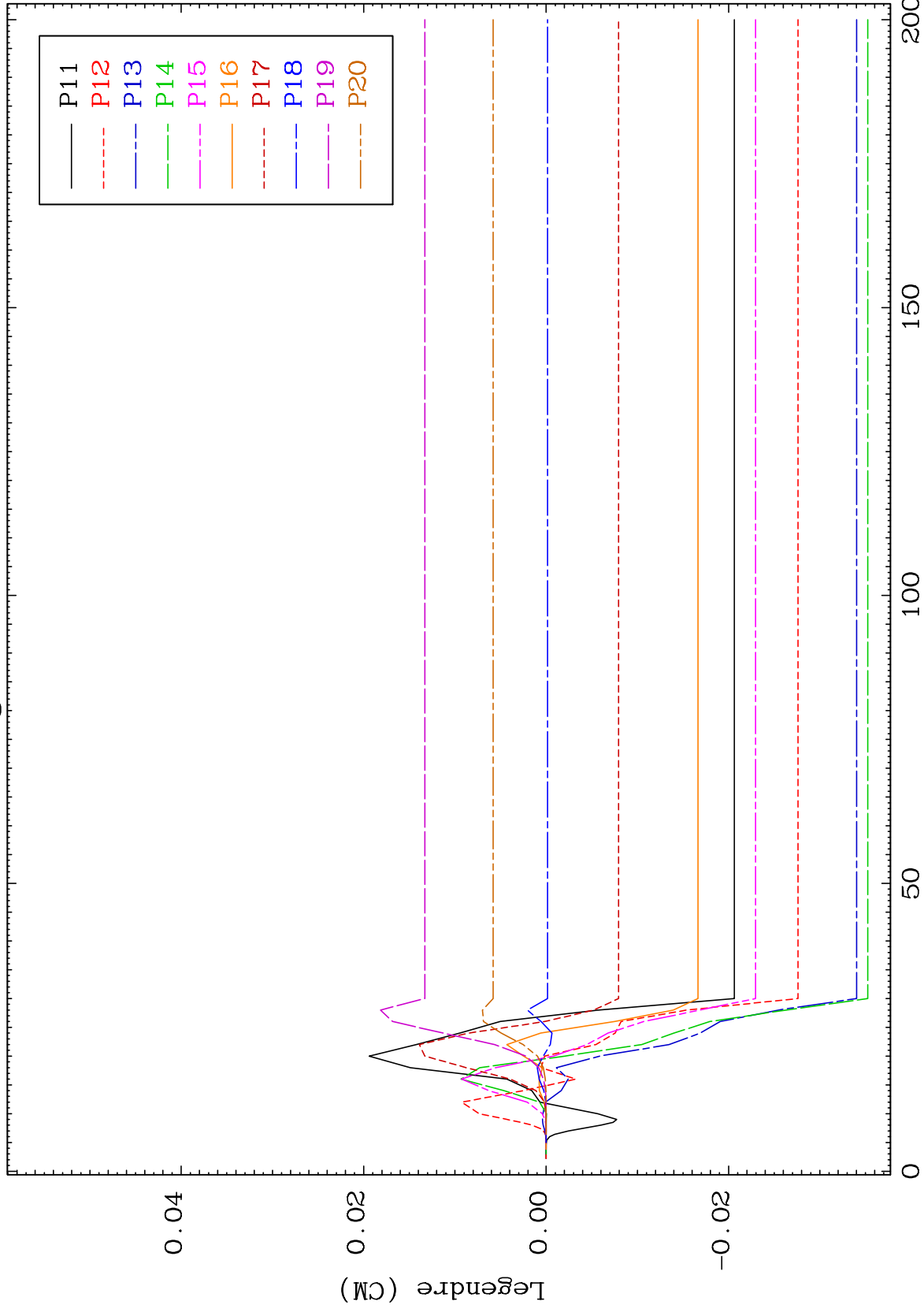
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



105

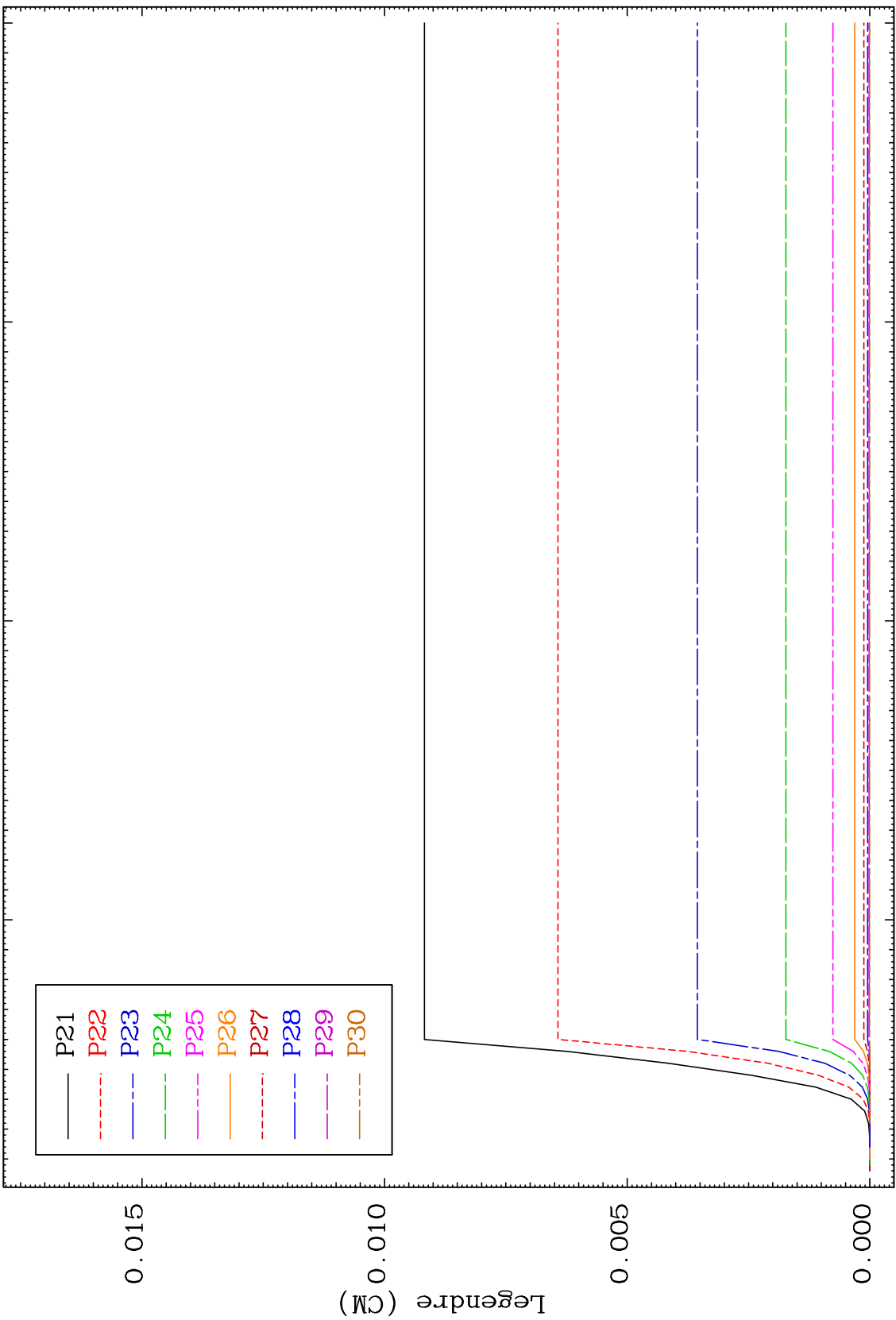
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



106

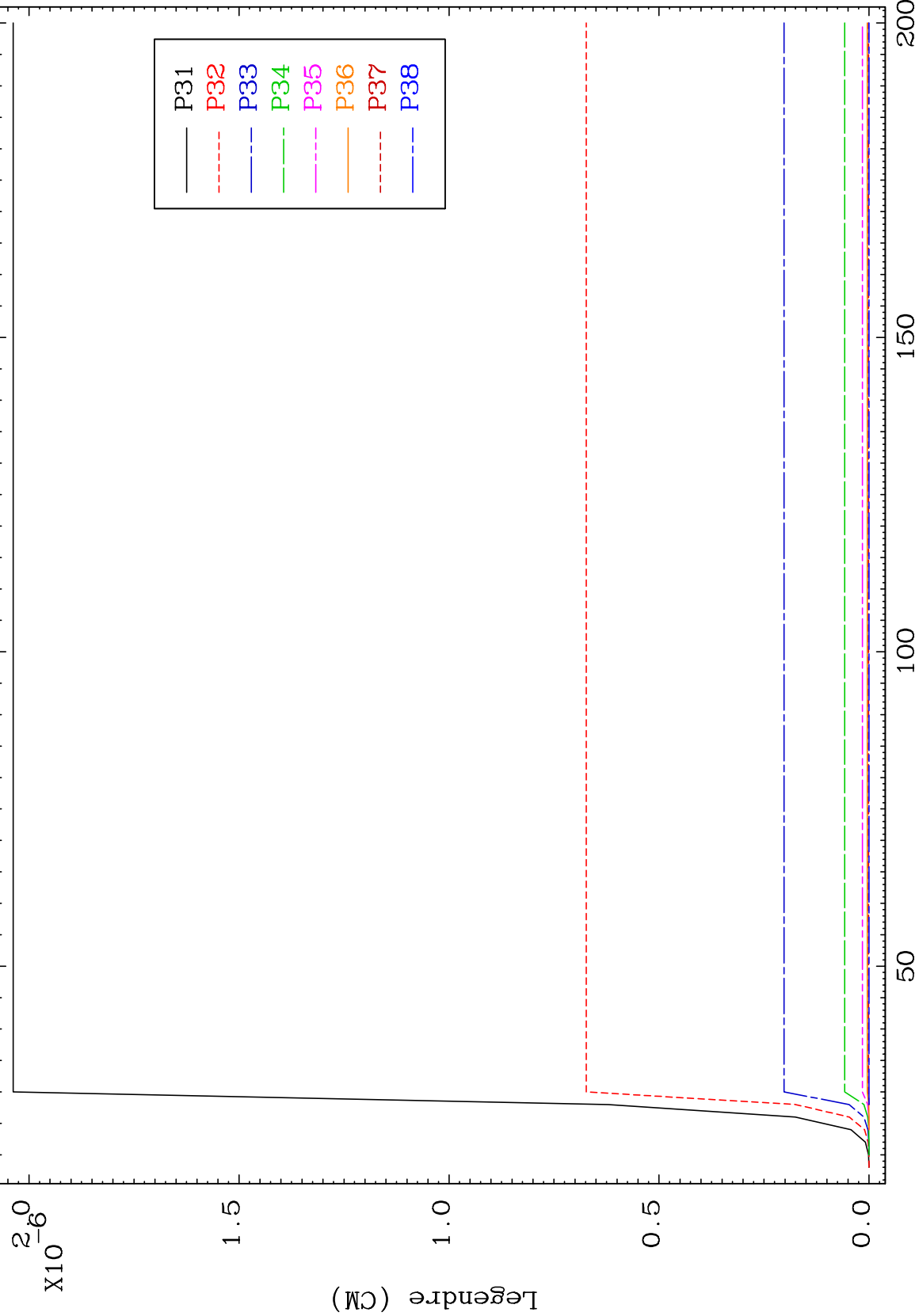
Incident Energy (MeV)

79-Au-195

MAT 7919

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

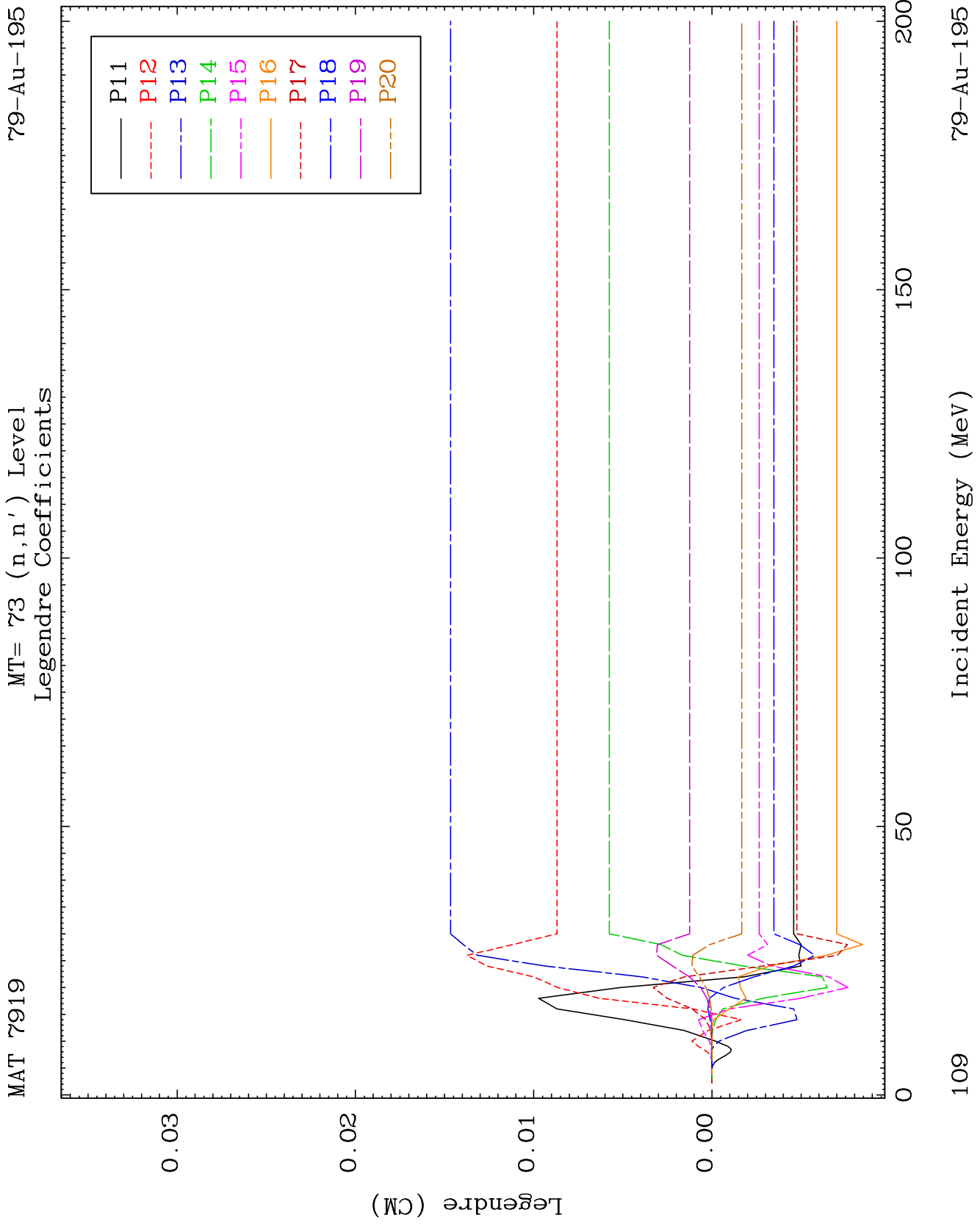
79-Au-195



107

Incident Energy (MeV)

79-Au-195



79-Au-195

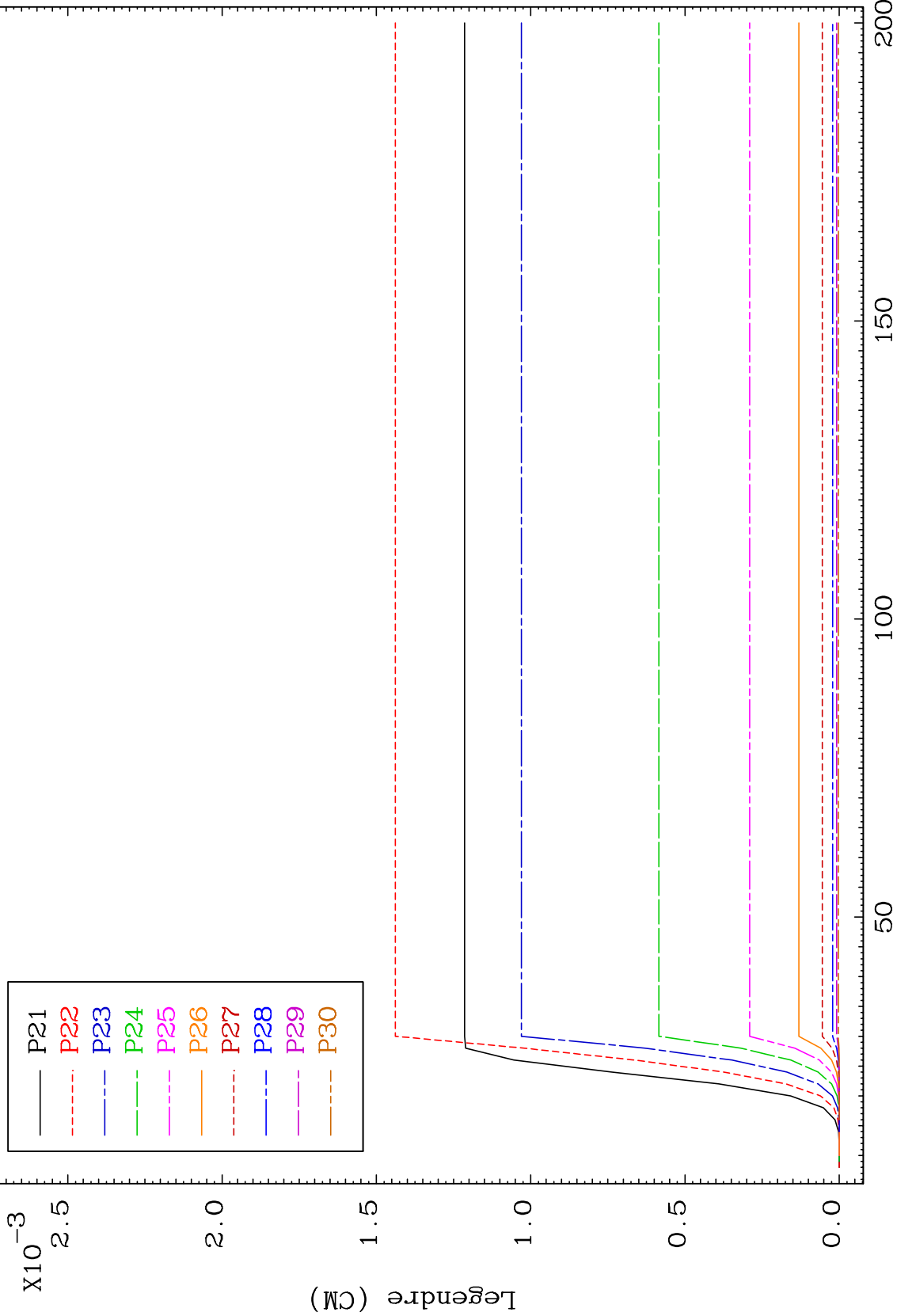
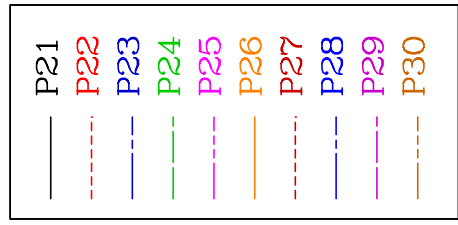
Incident Energy (MeV)

109

MAT 7919

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

79-Au-195



110

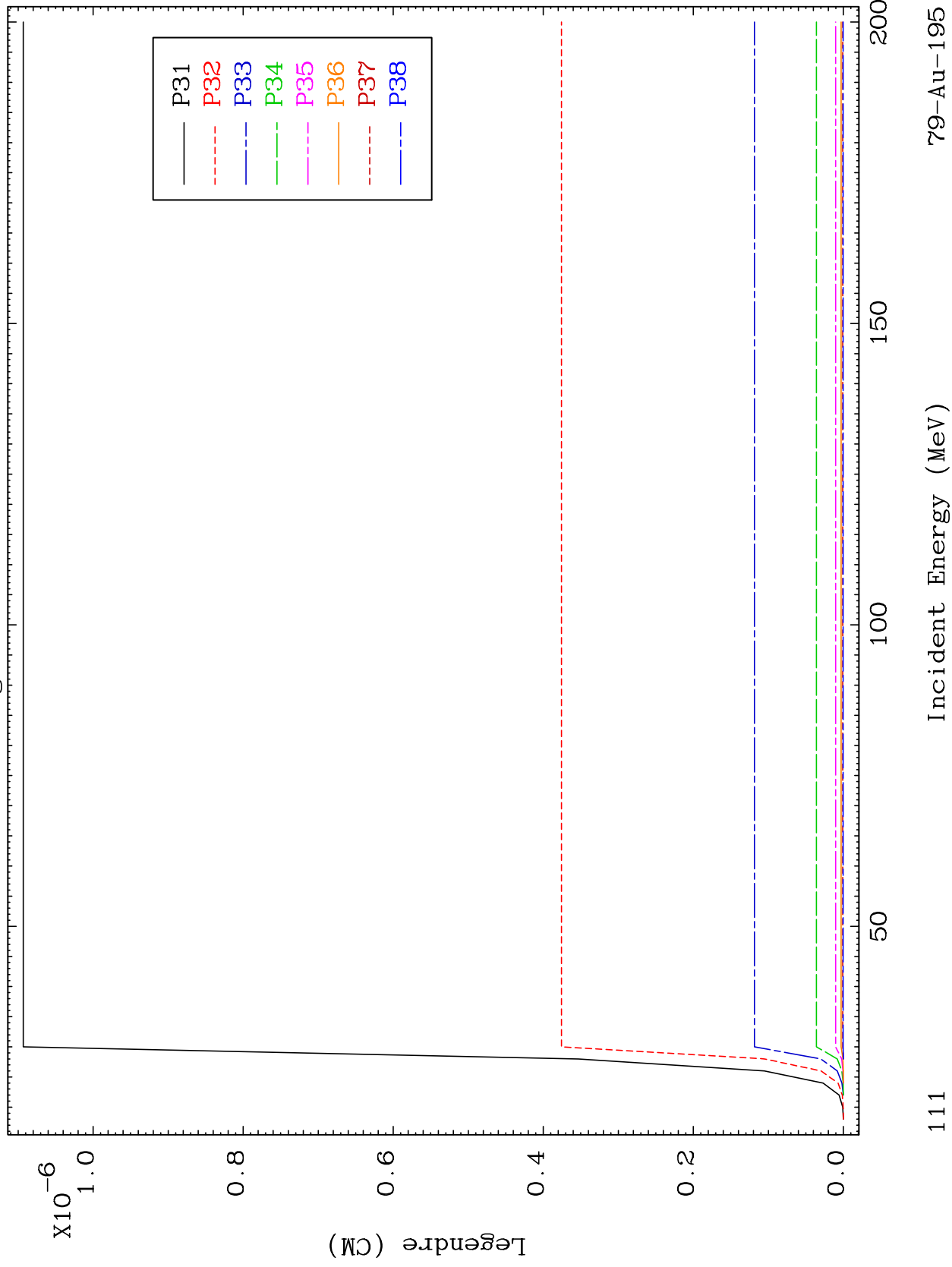
Incident Energy (MeV)

79-Au-195

MAT 7919

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

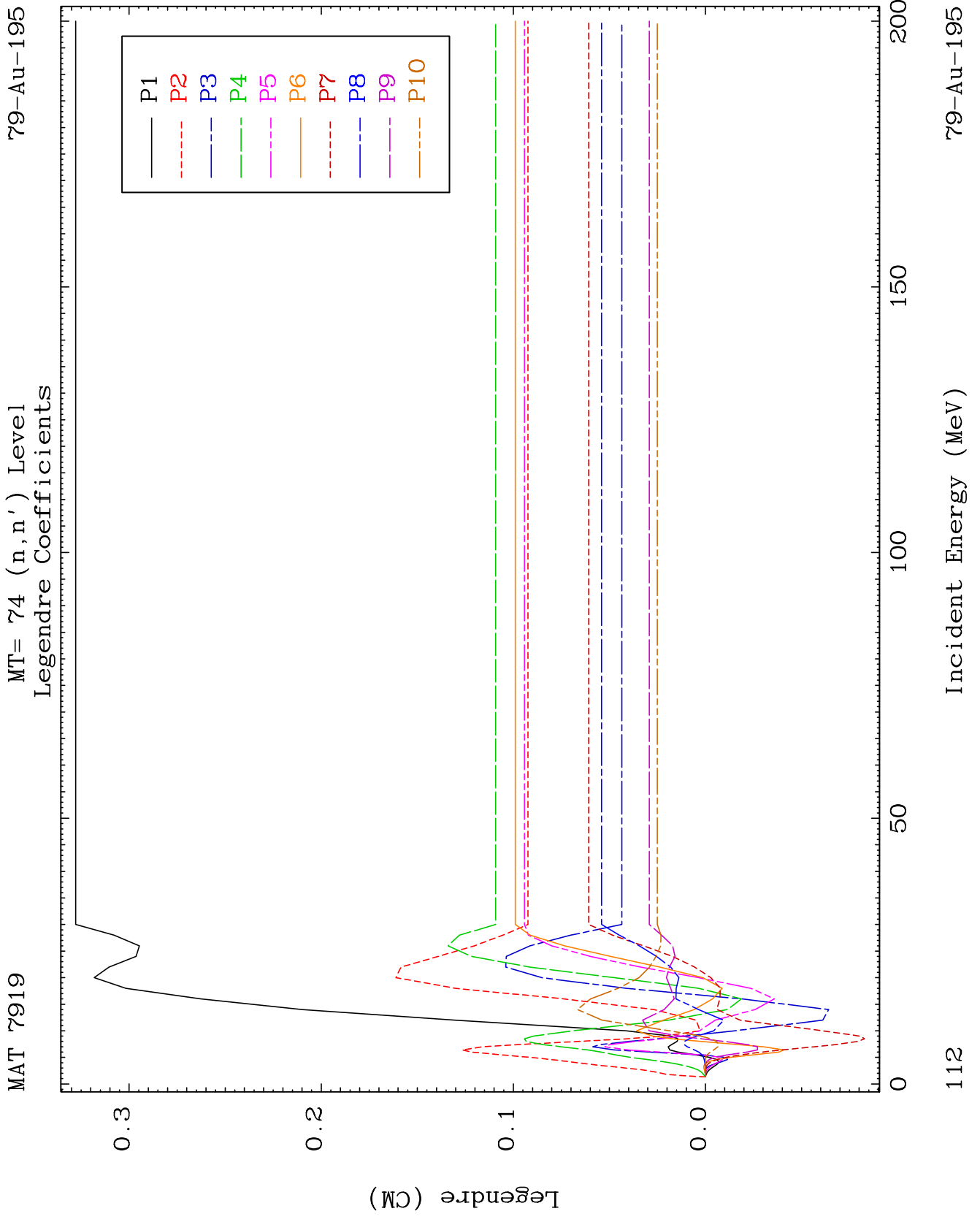
79-Au-195



111

Incident Energy (MeV)

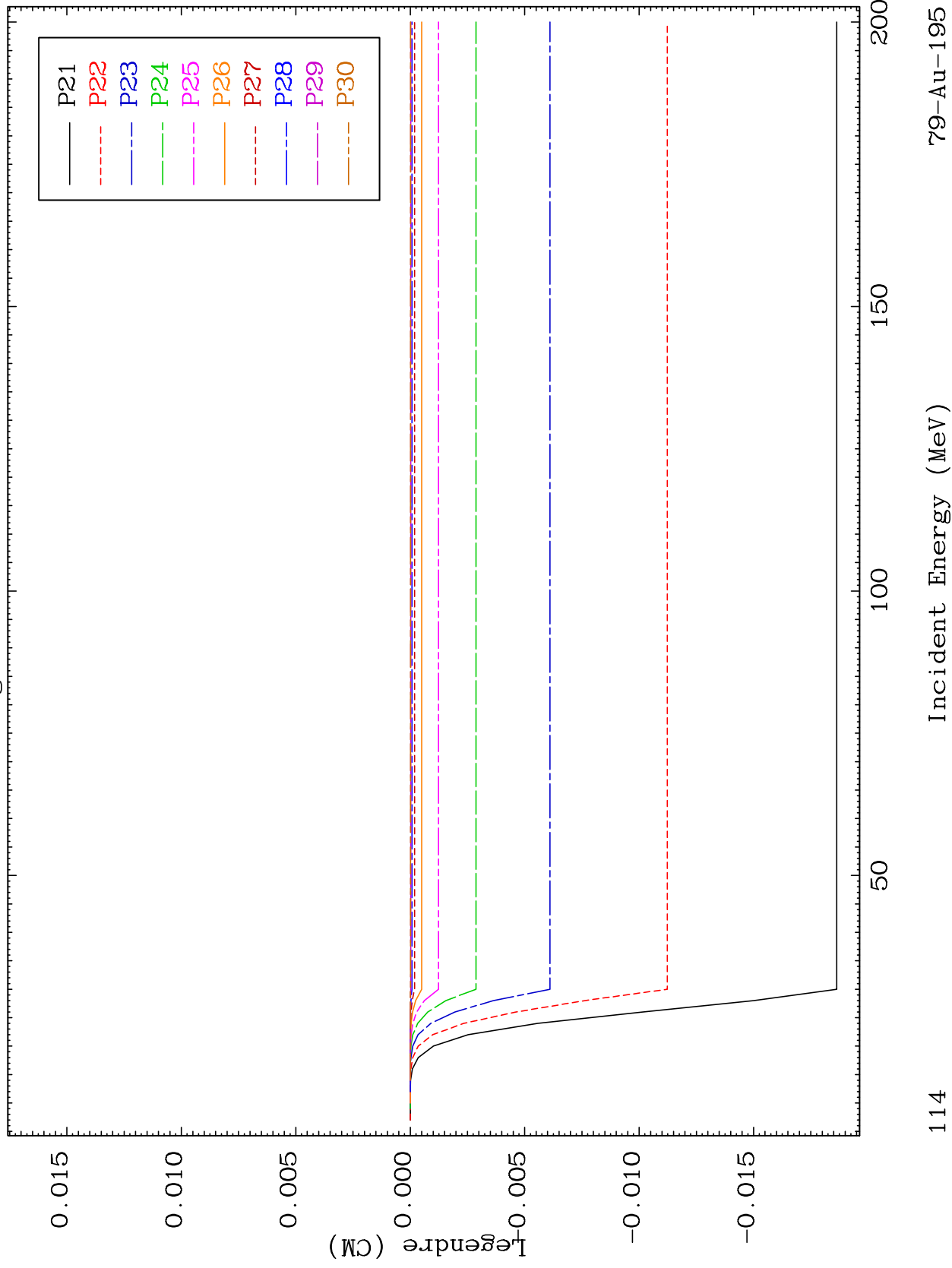
79-Au-195



MAT 7919

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

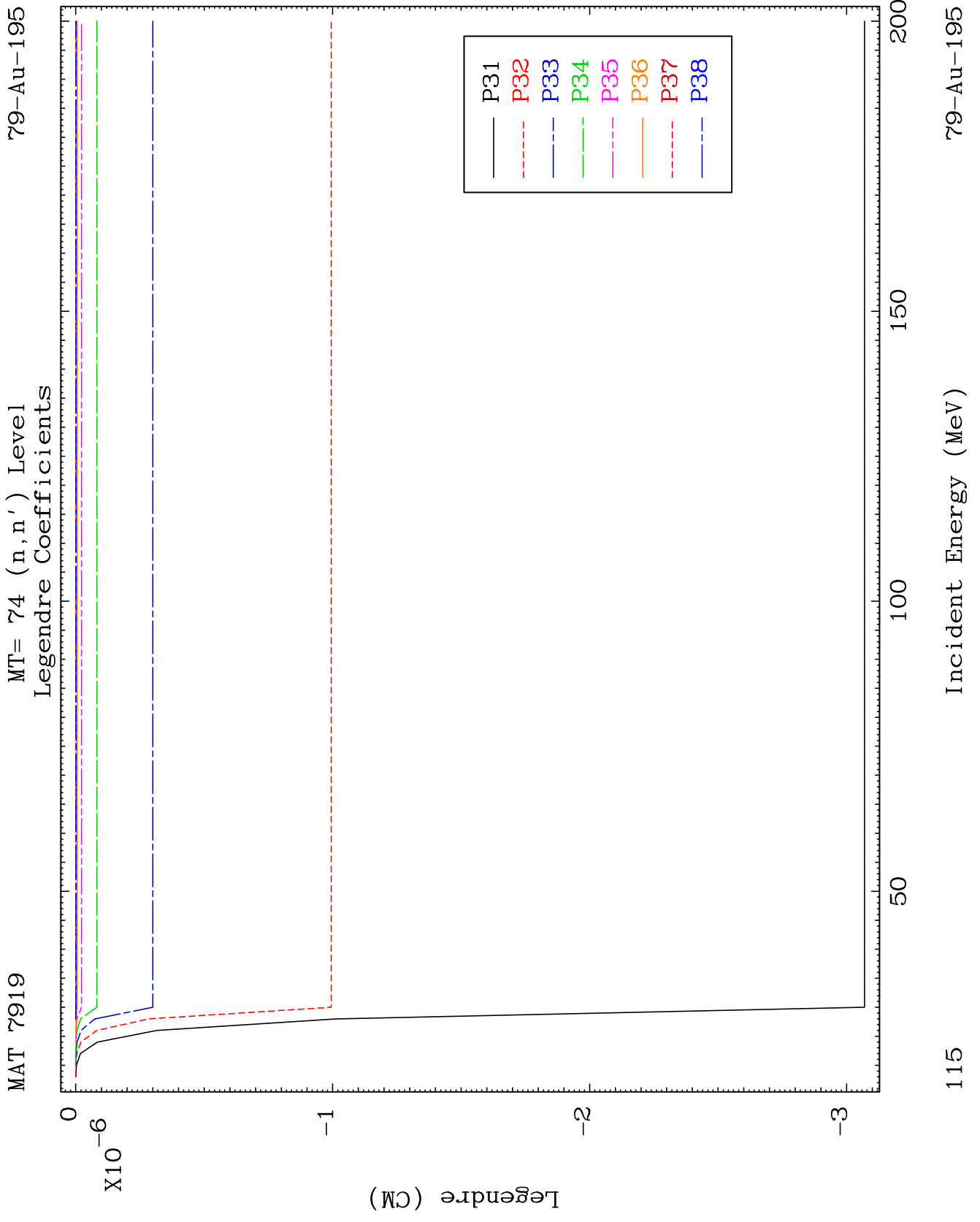
79-Au-195

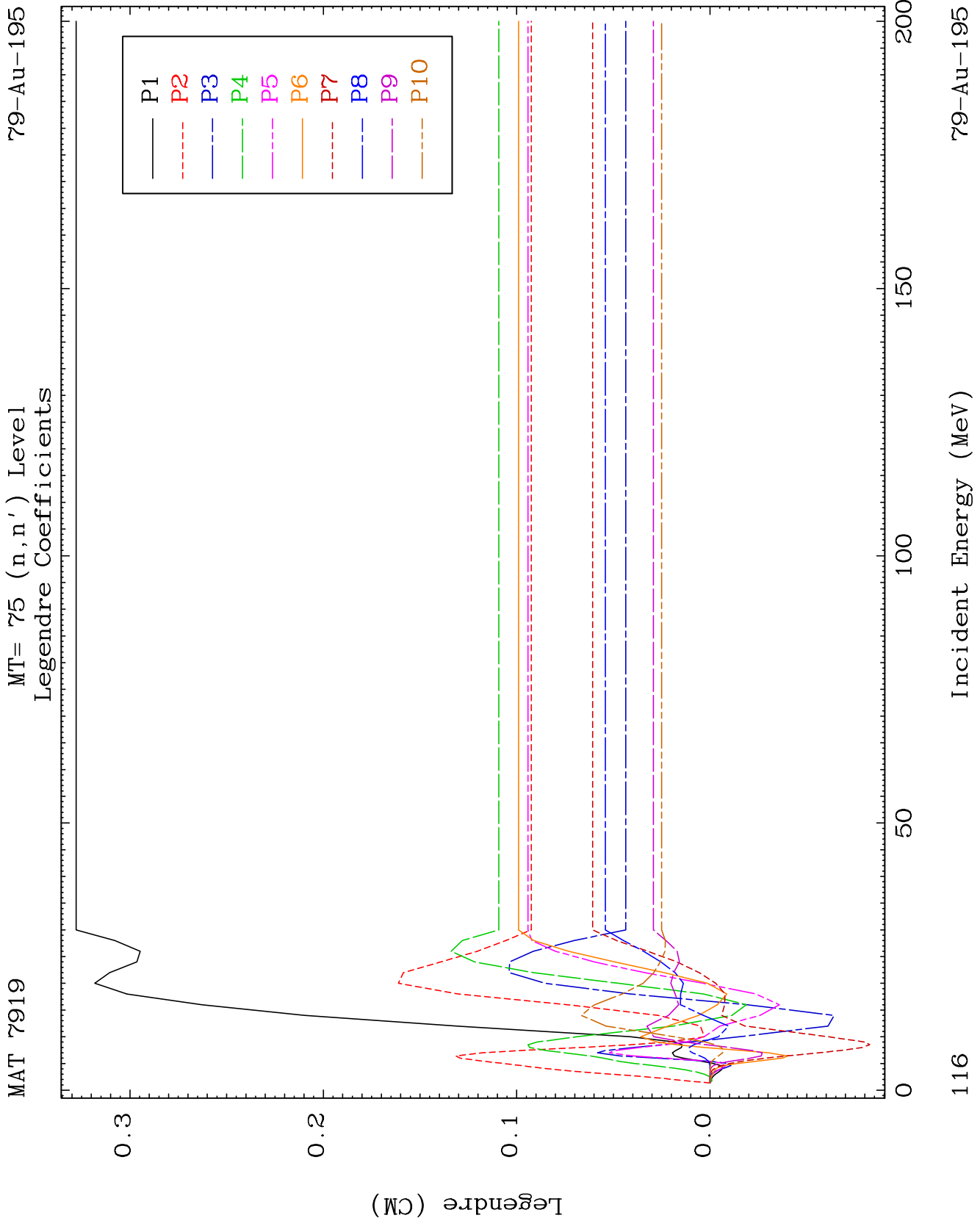


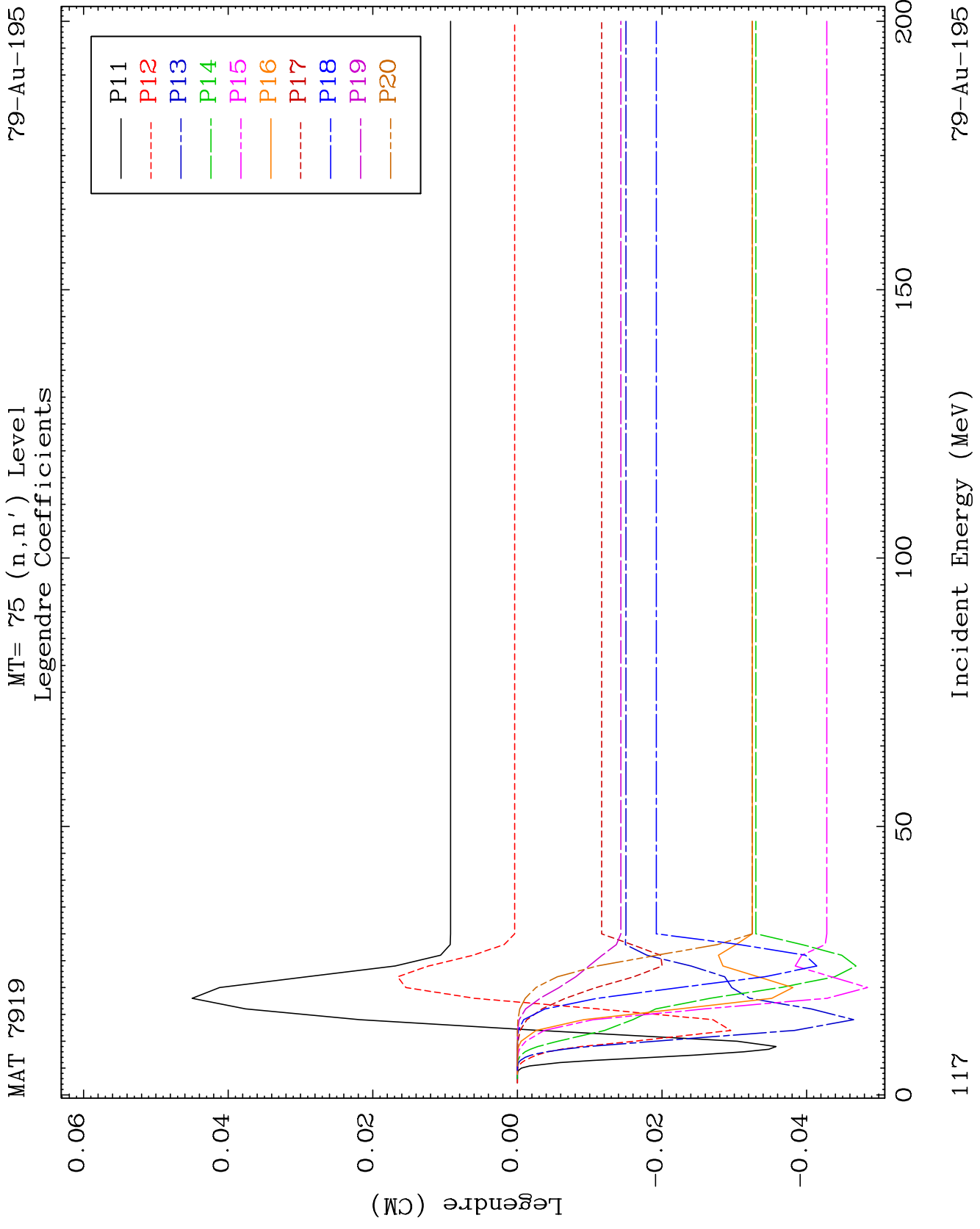
114

Incident Energy (MeV)

79-Au-195



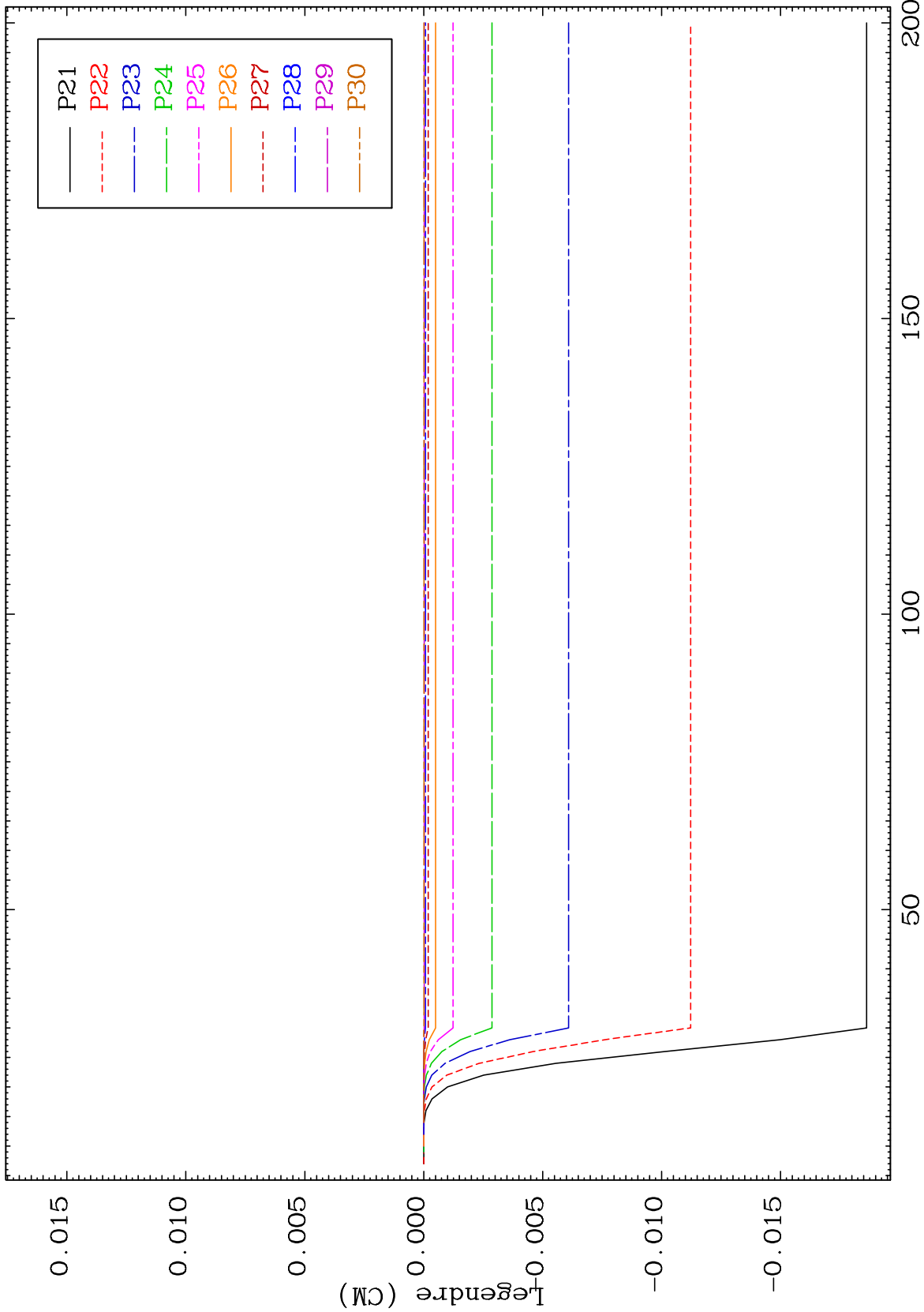




MAT 7919

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

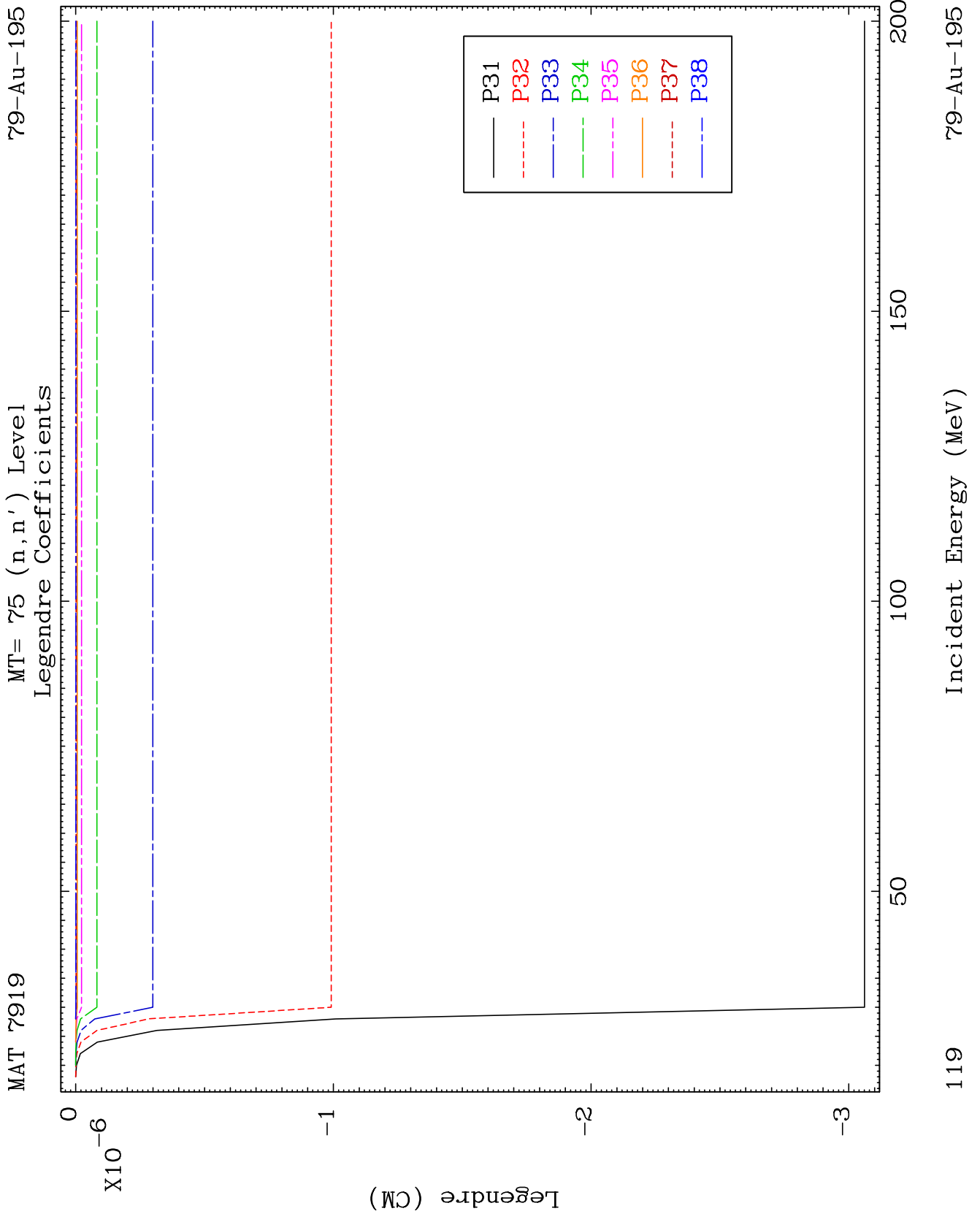
79-Au-195



118

Incident Energy (MeV)

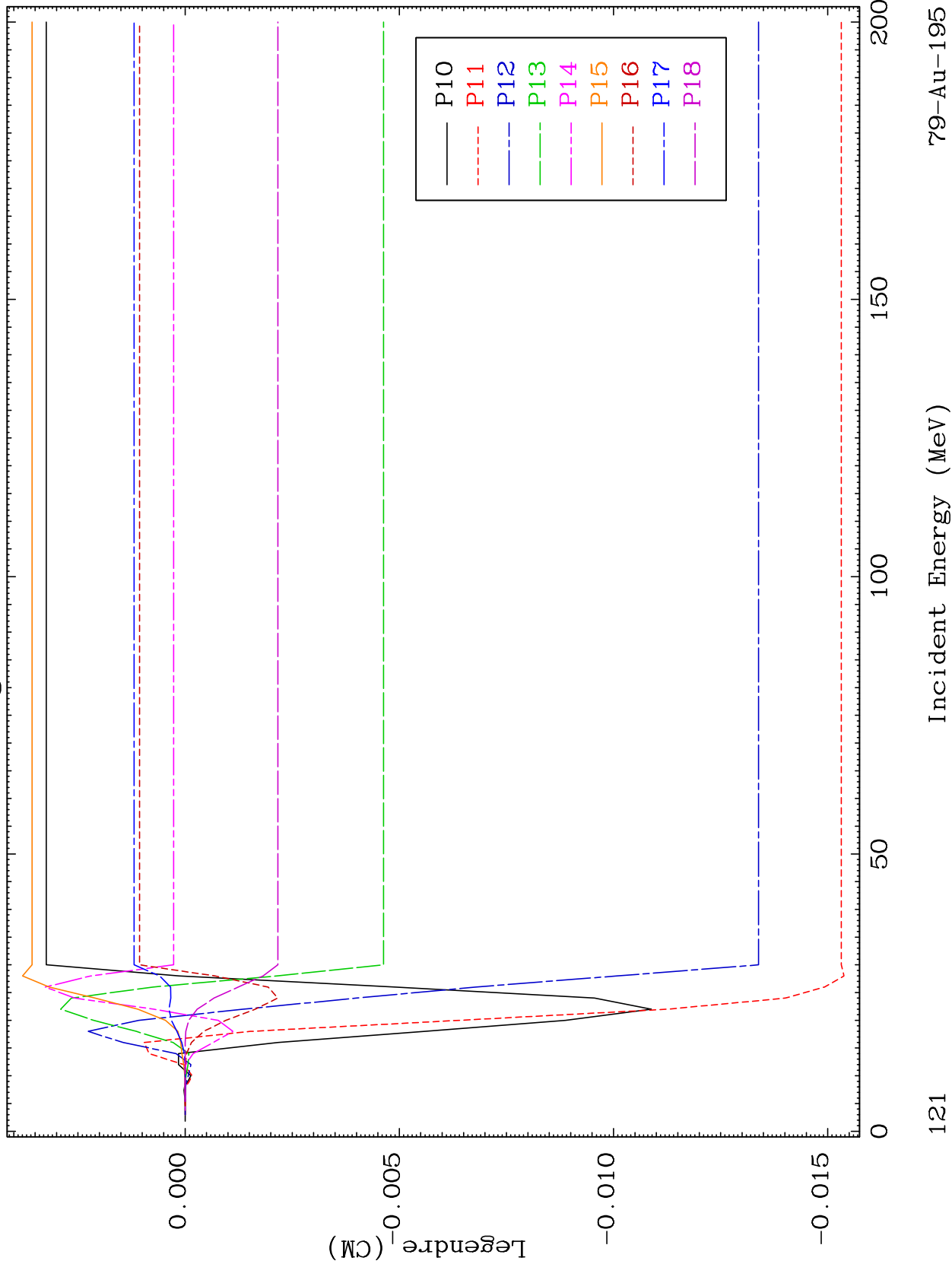
79-Au-195



MAT 7919

79-Au-195

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



121

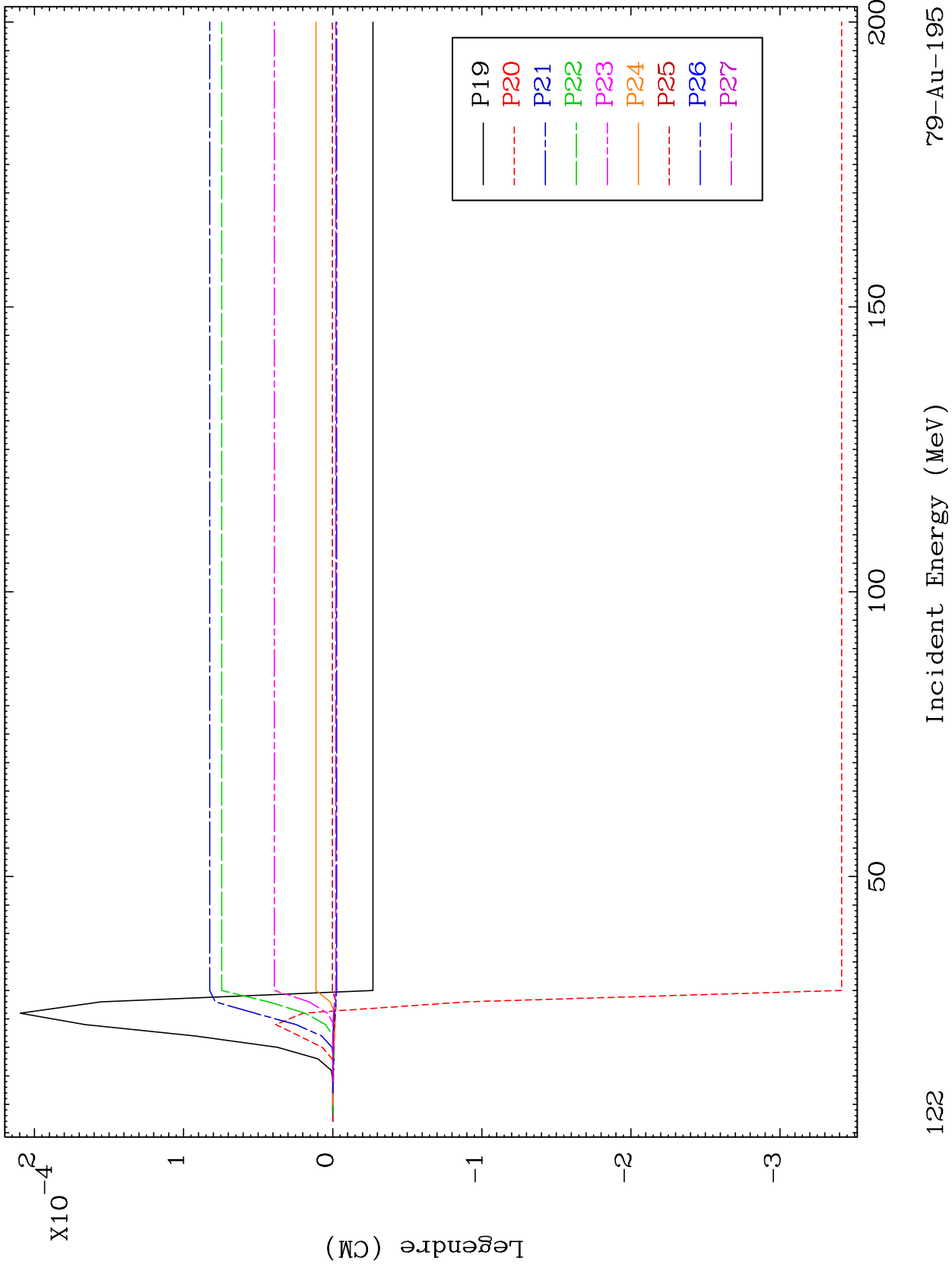
Incident Energy (MeV)

79-Au-195

MAT 7919

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

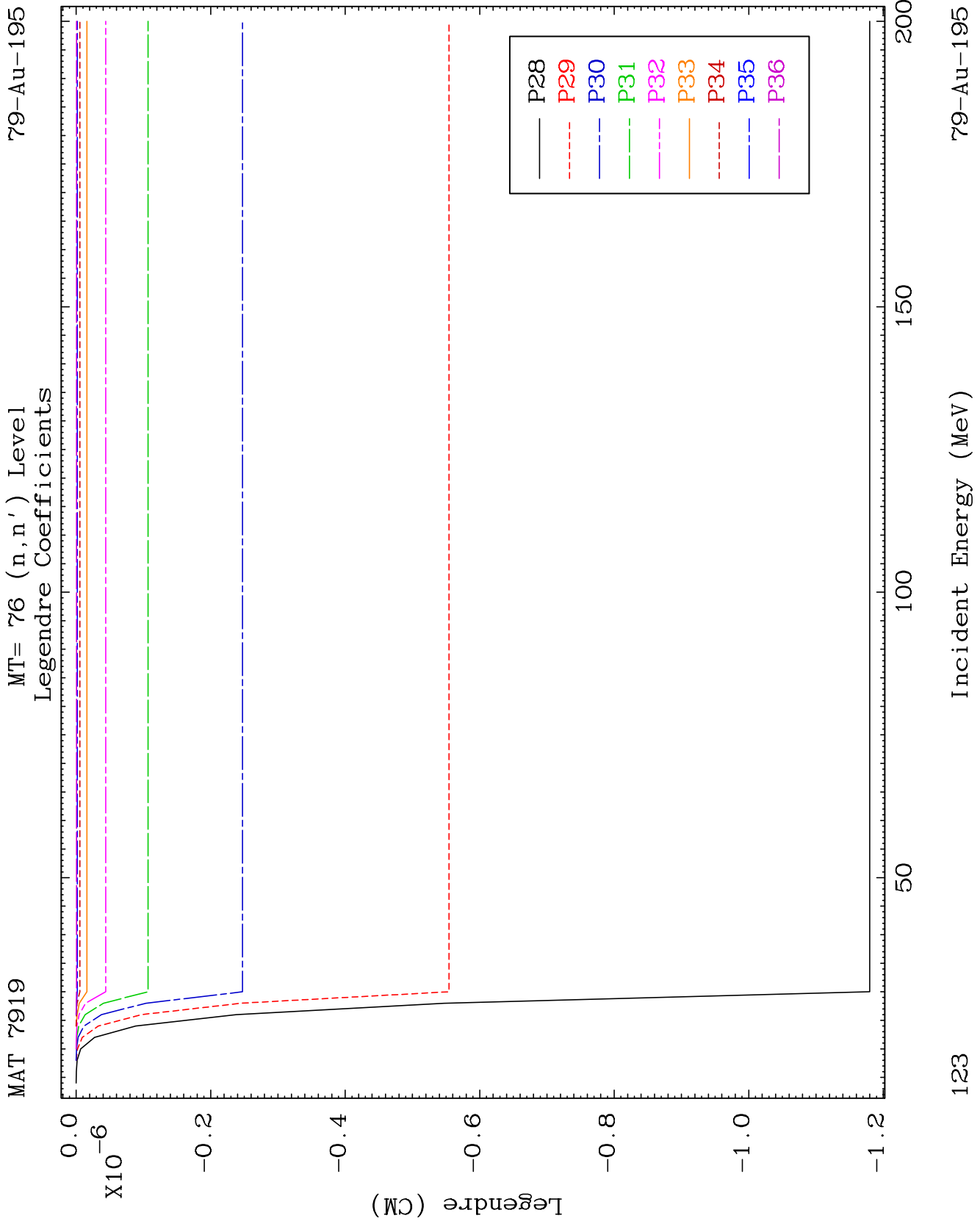
79-Au-195



122

Incident Energy (MeV)

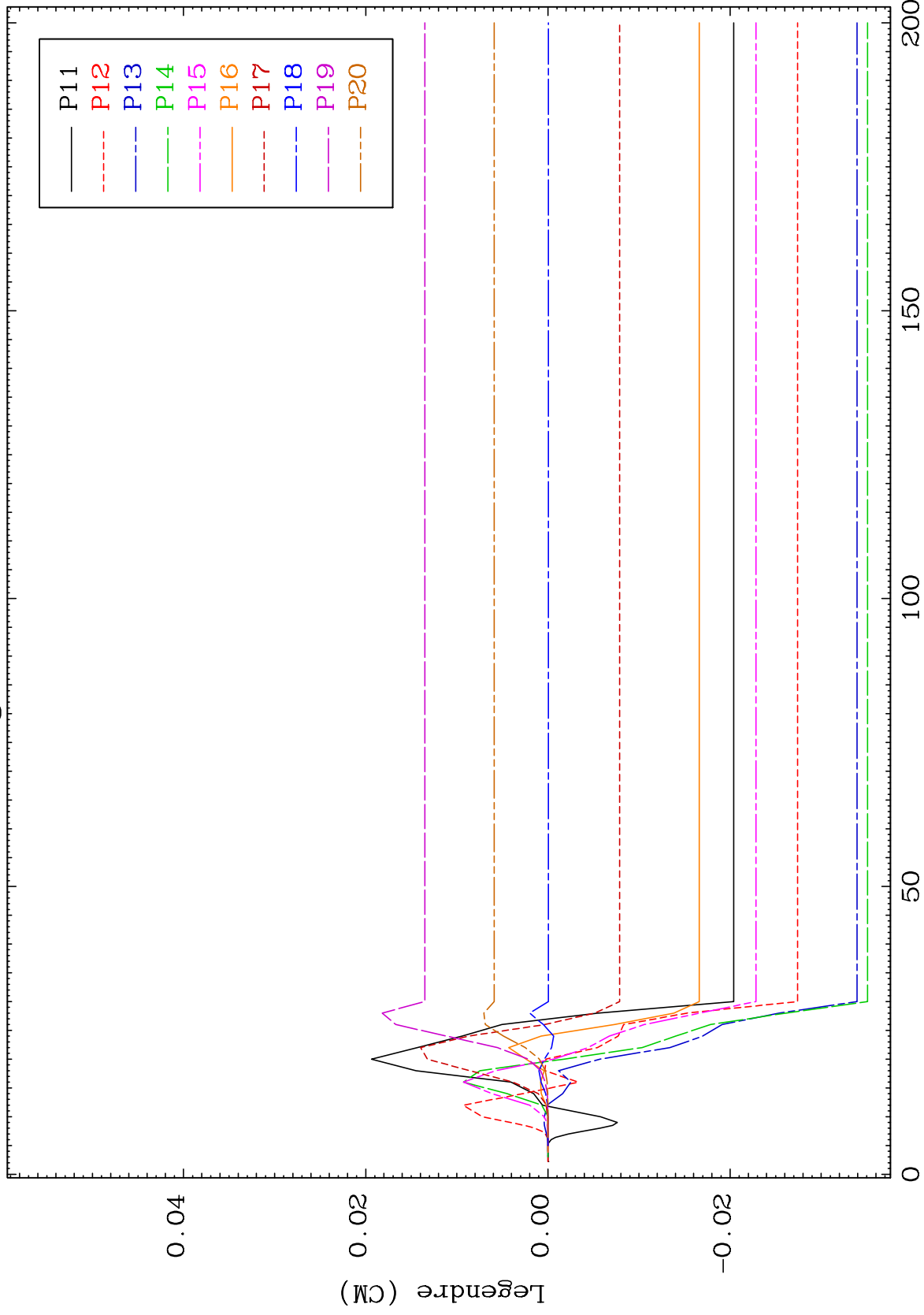
79-Au-195



MAT 7919

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

79-Au-195



125

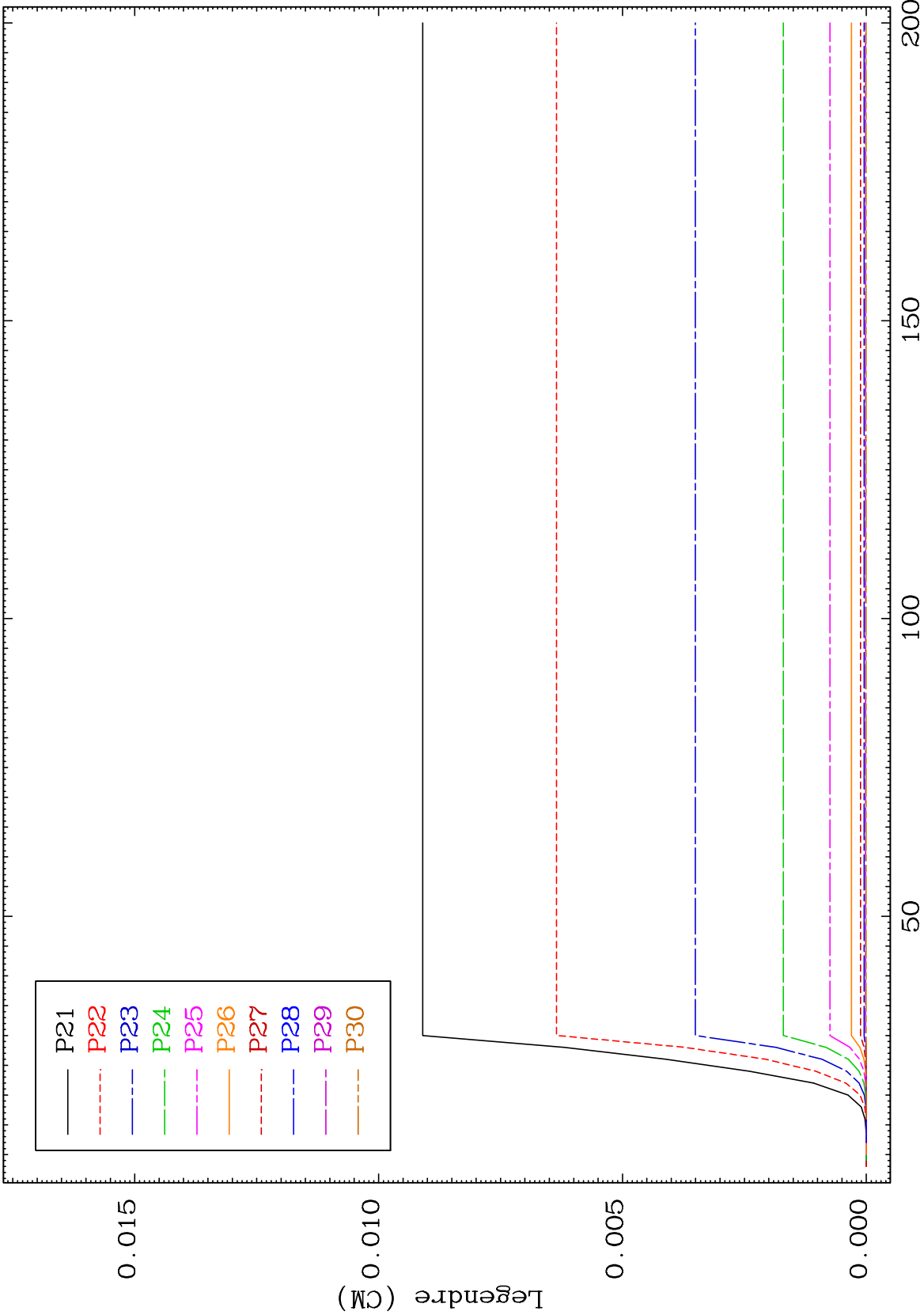
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



126

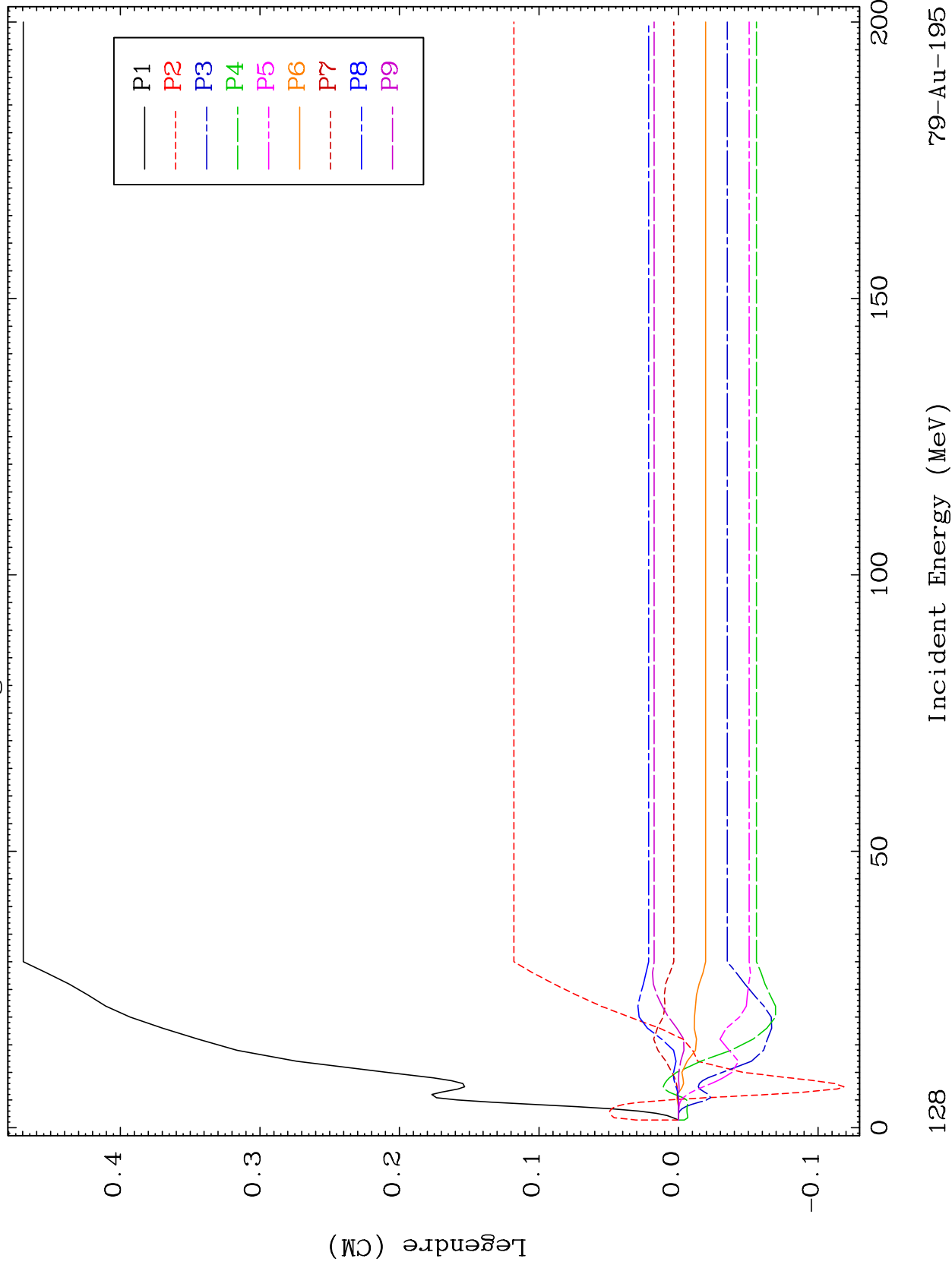
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



79-Au-195

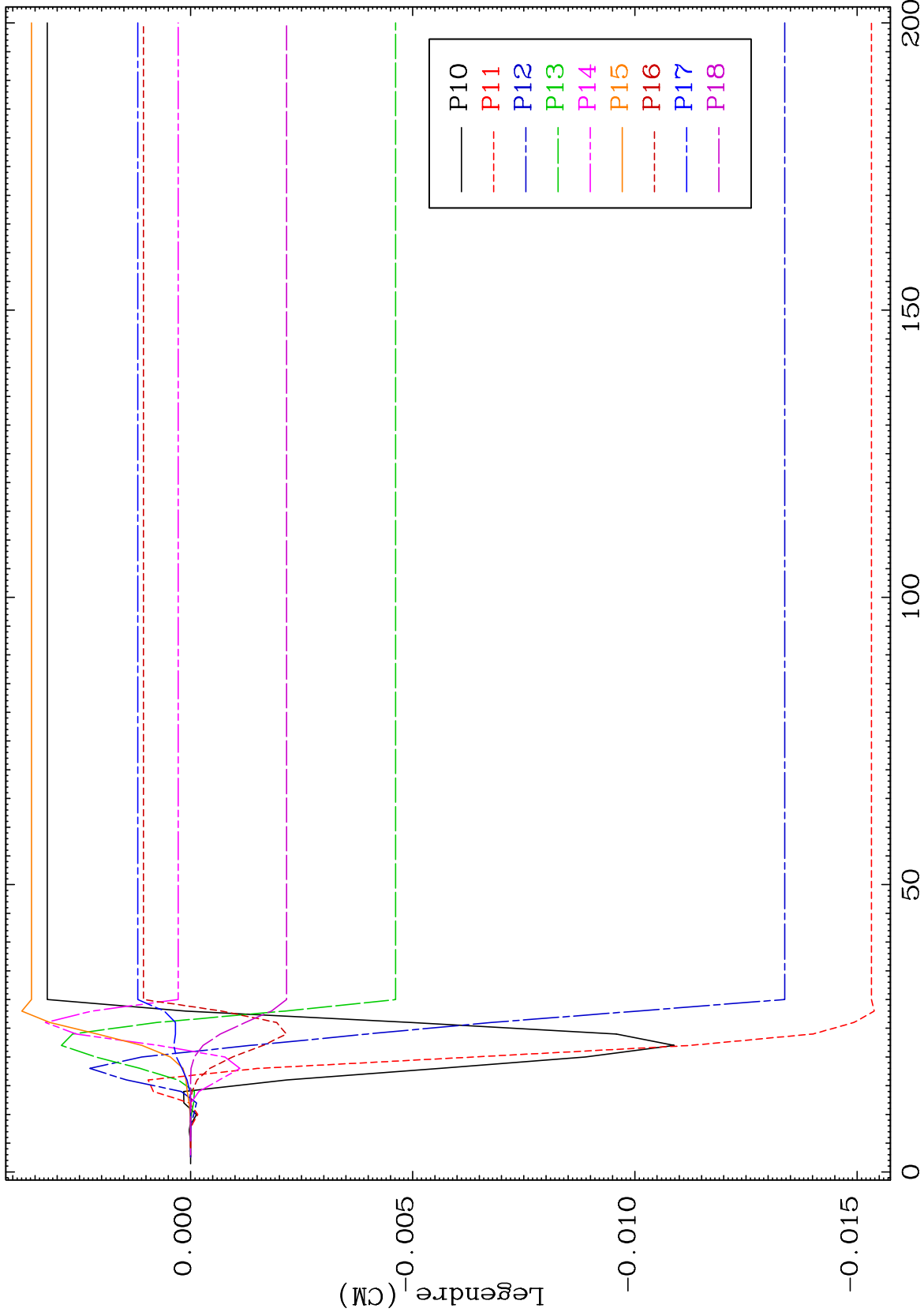
Incident Energy (MeV)

128

MAT 7919

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

79-Au-195



129

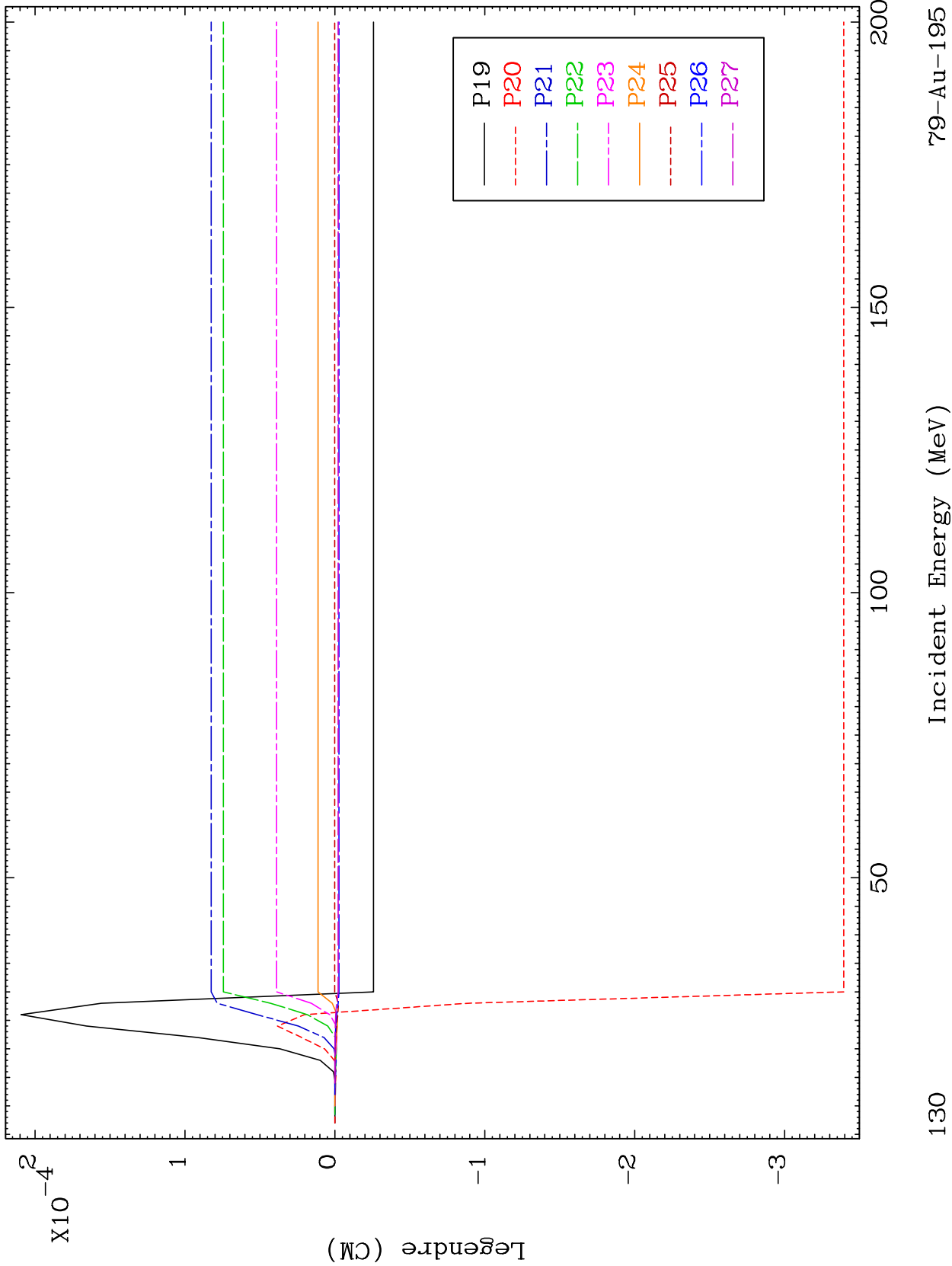
Incident Energy (MeV)

79-Au-195

MAT 7919

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

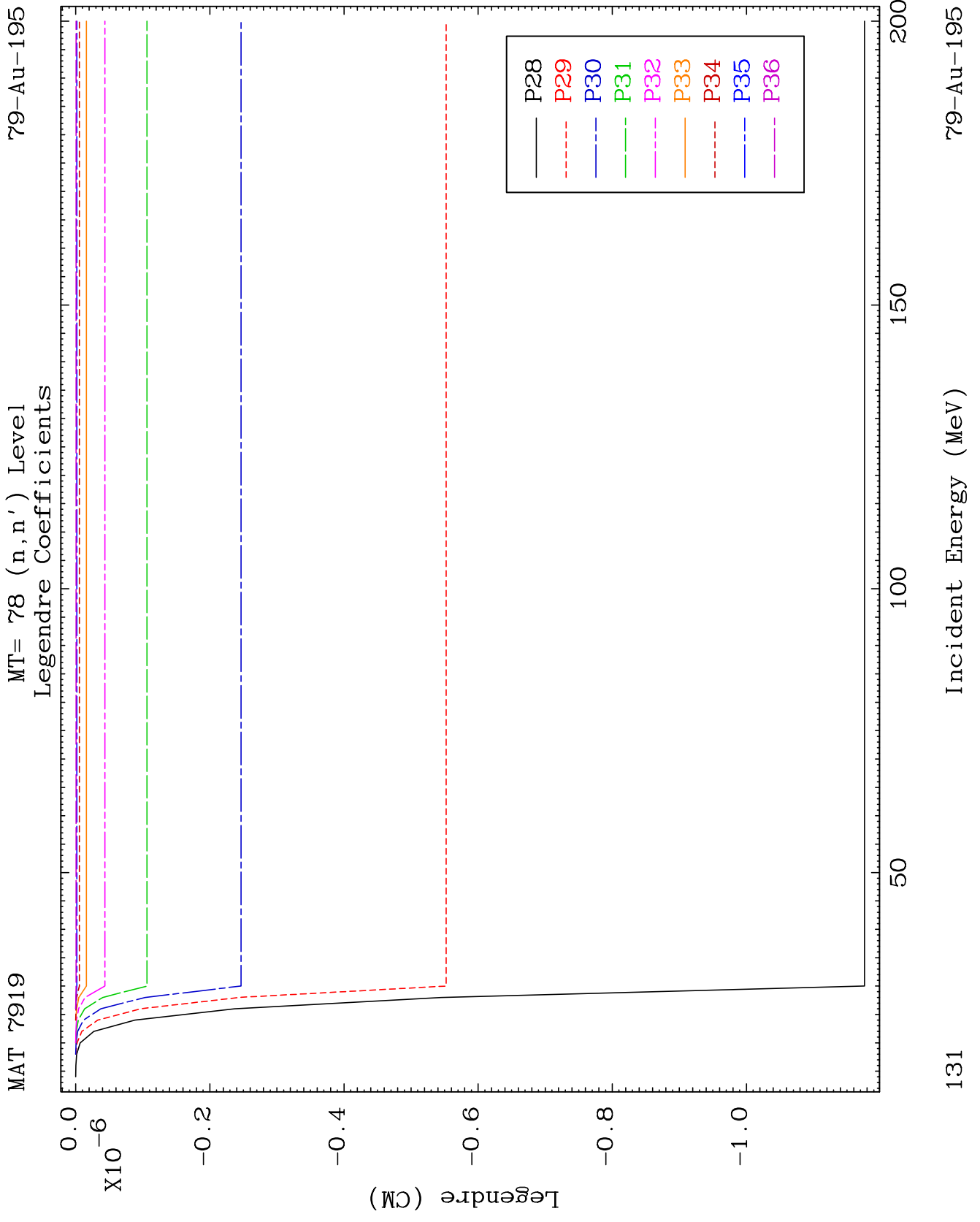
79-Au-195

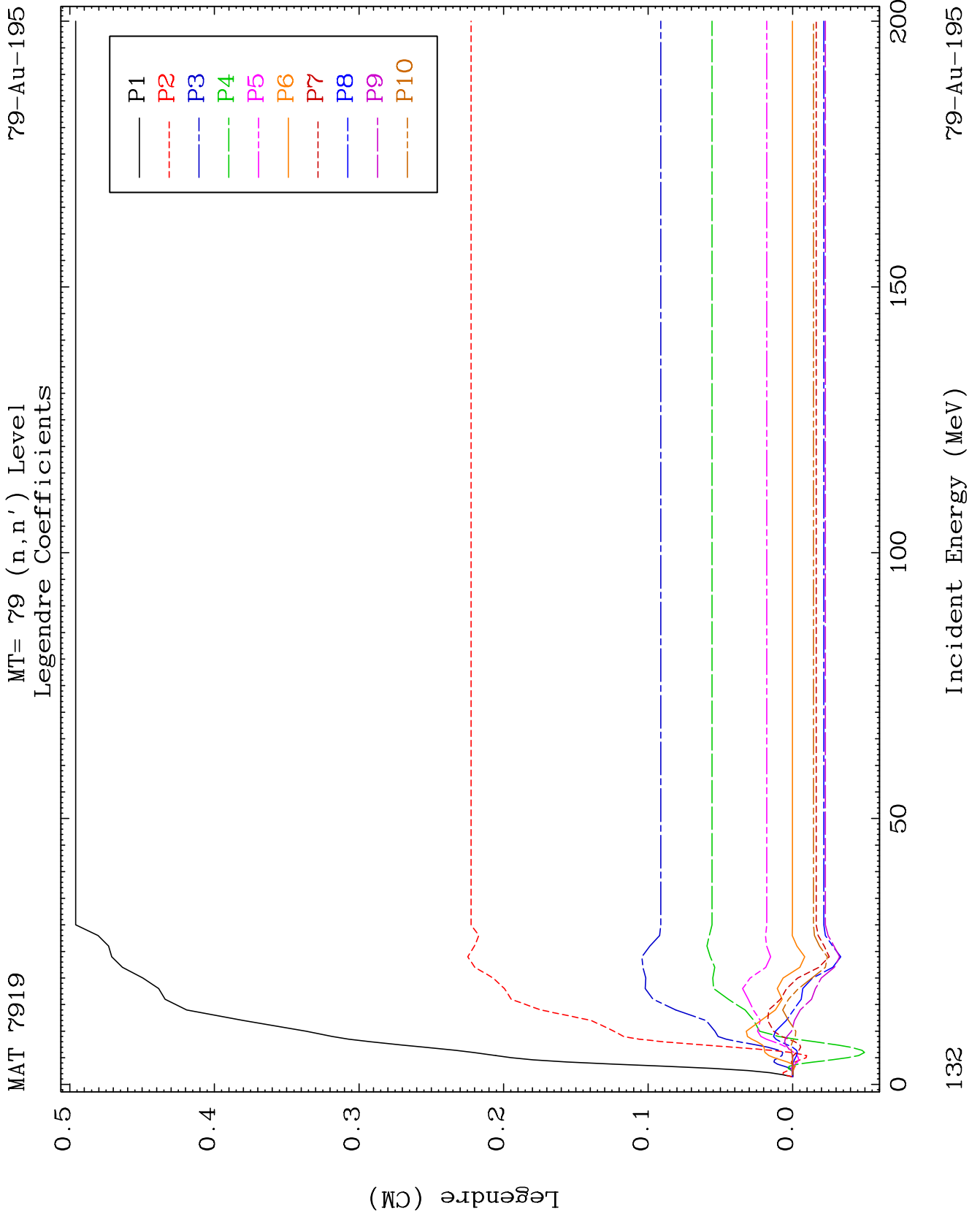


130

Incident Energy (MeV)

79-Au-195

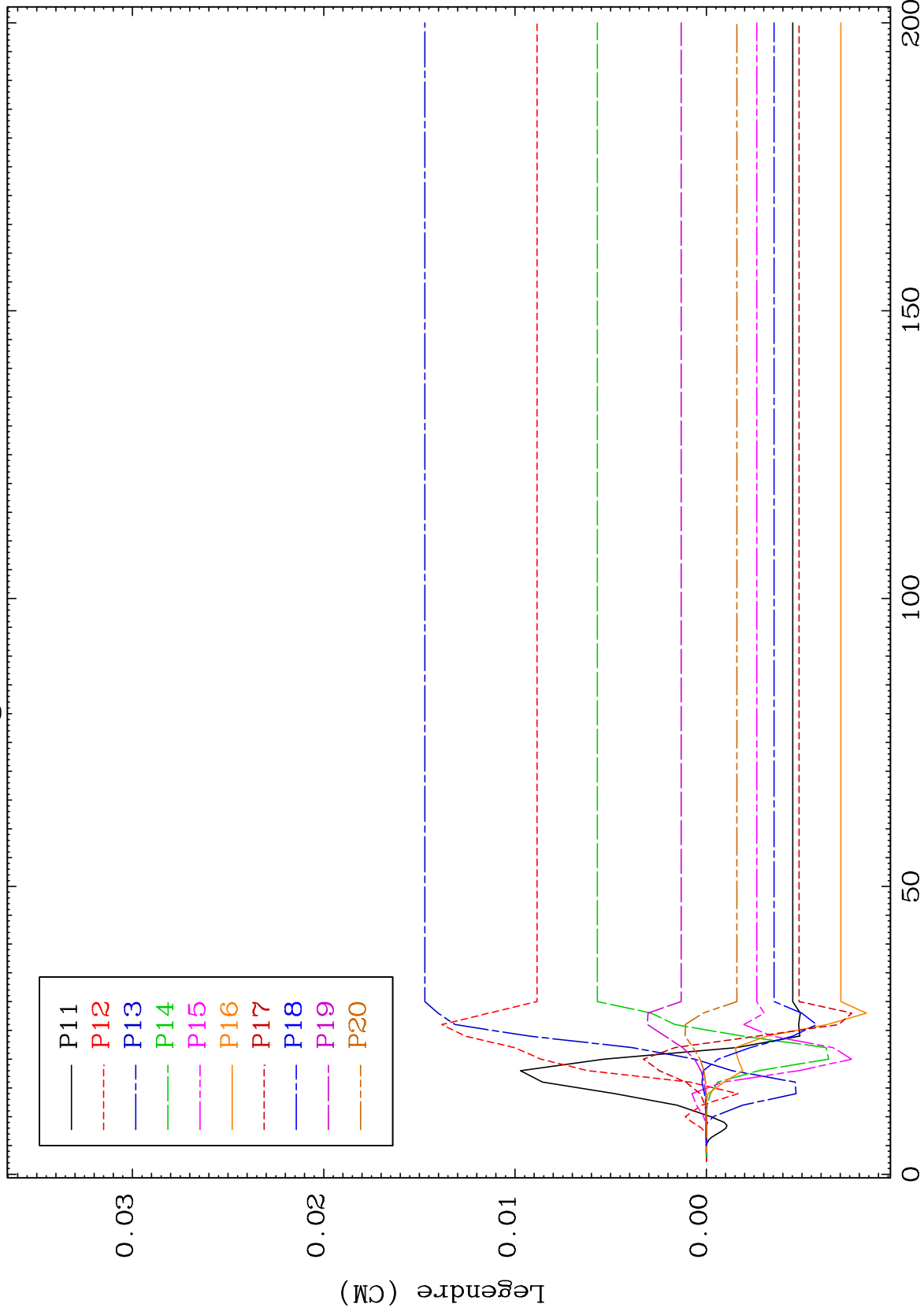




MAT 7919

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

79-Au-195



133

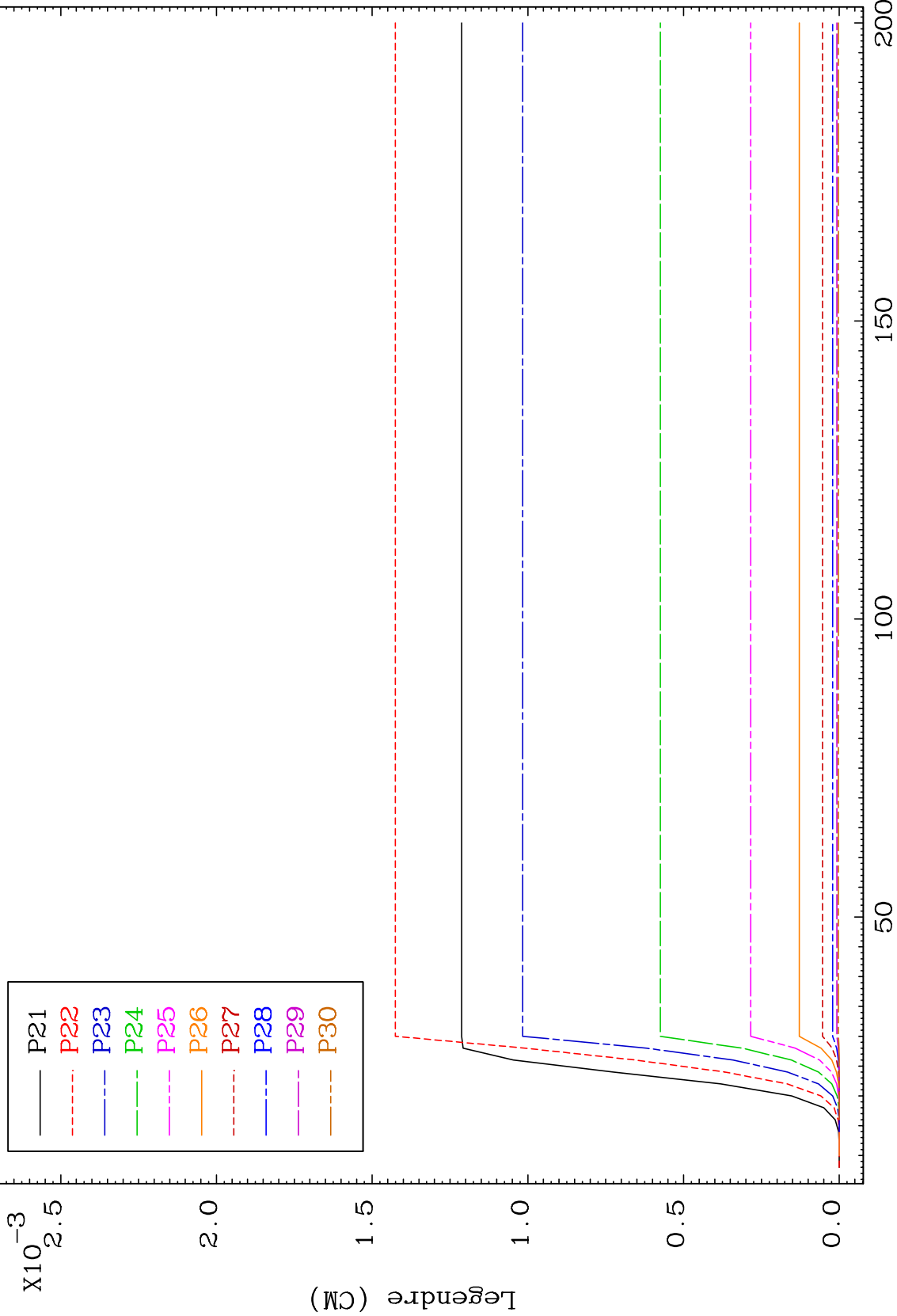
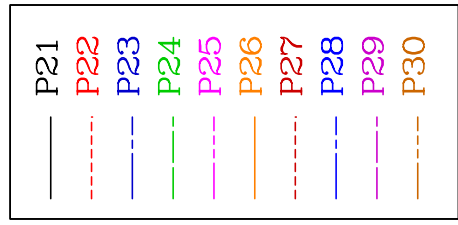
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



134

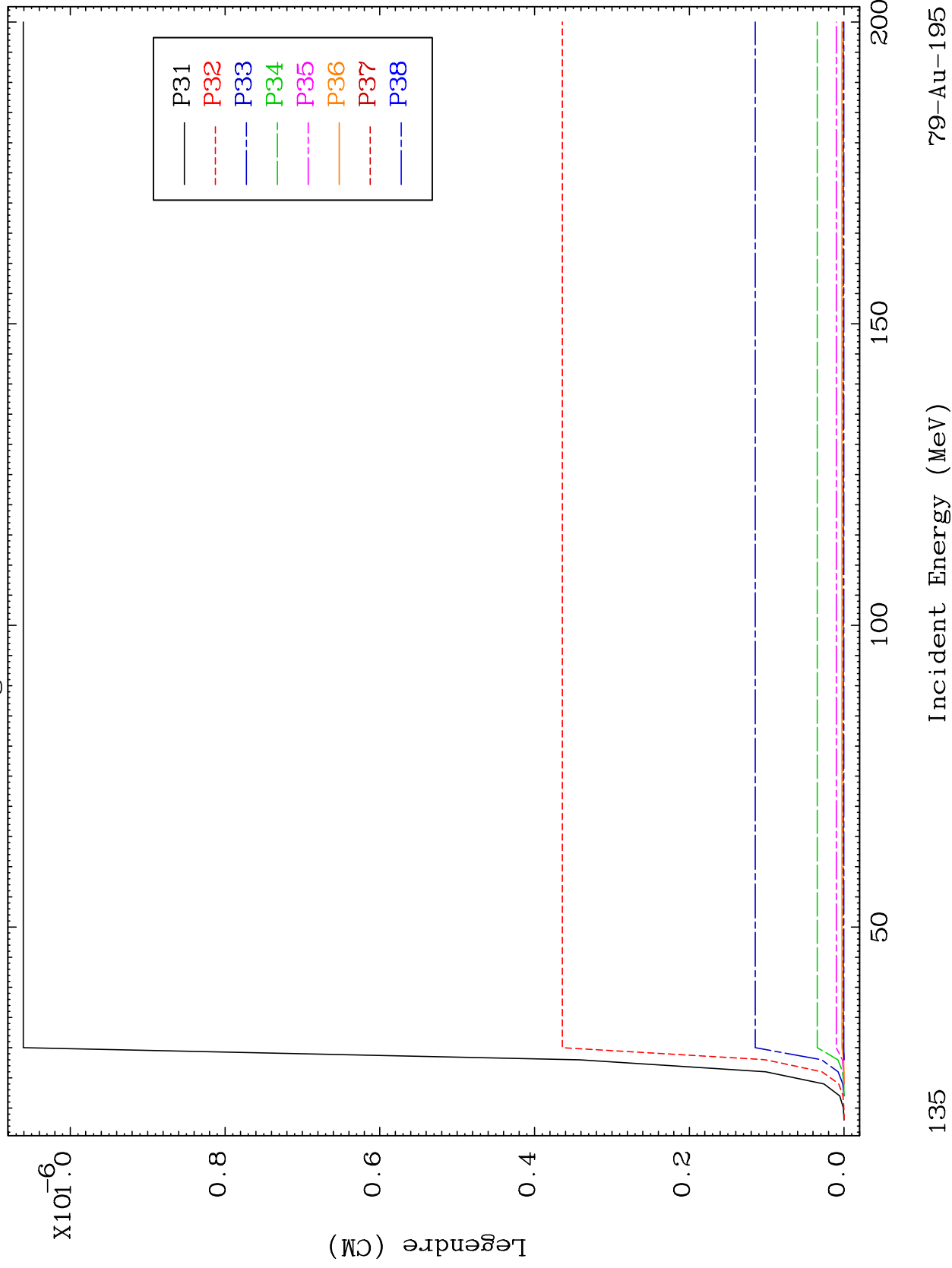
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



135

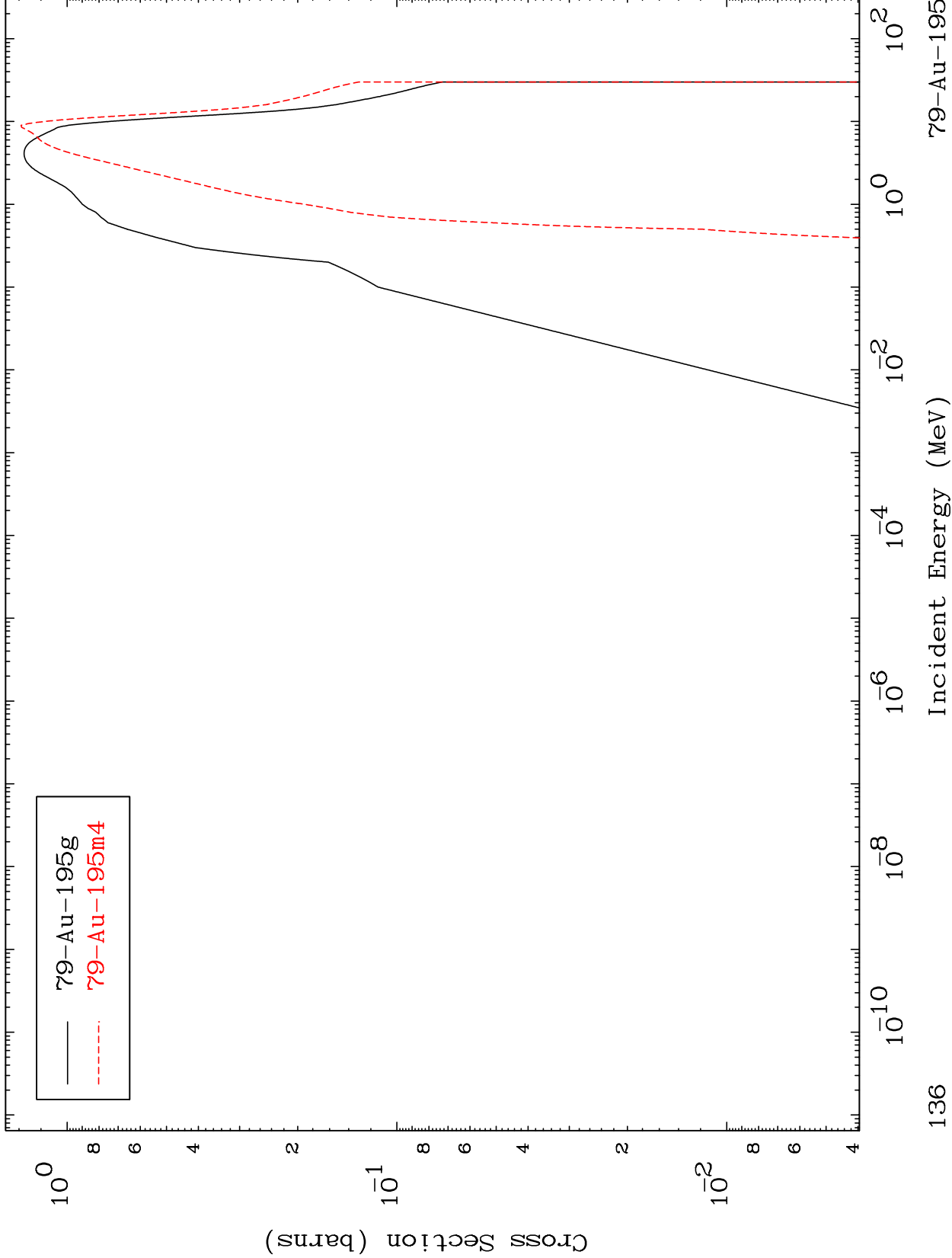
Incident Energy (MeV)

79-Au-195

MAT 7919

Inelastic
Radionuclide Production Cross Section

79-Au-195

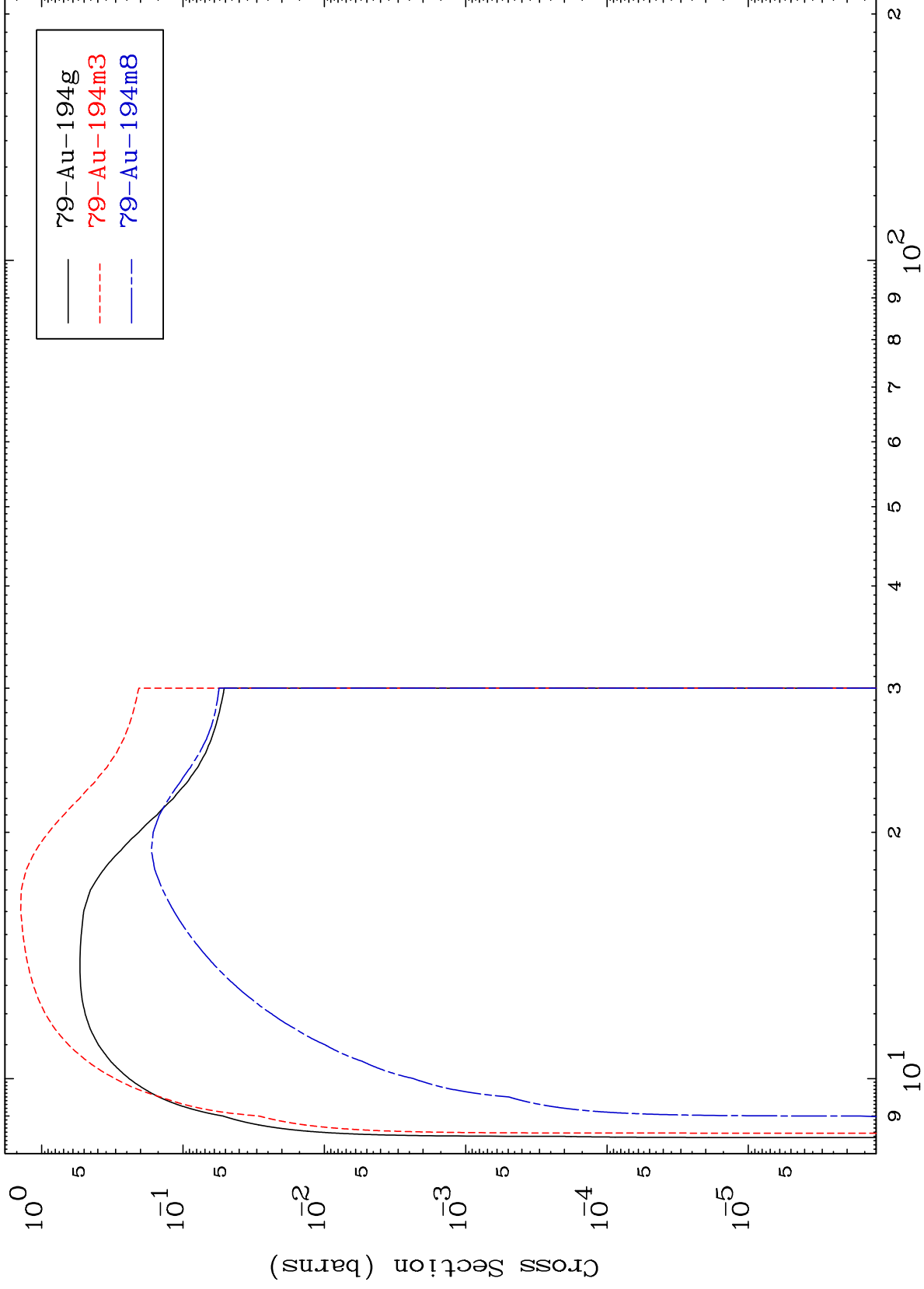


MAT 7919

(n,2n)

79-Au-195

Radionuclide Production Cross Section



137

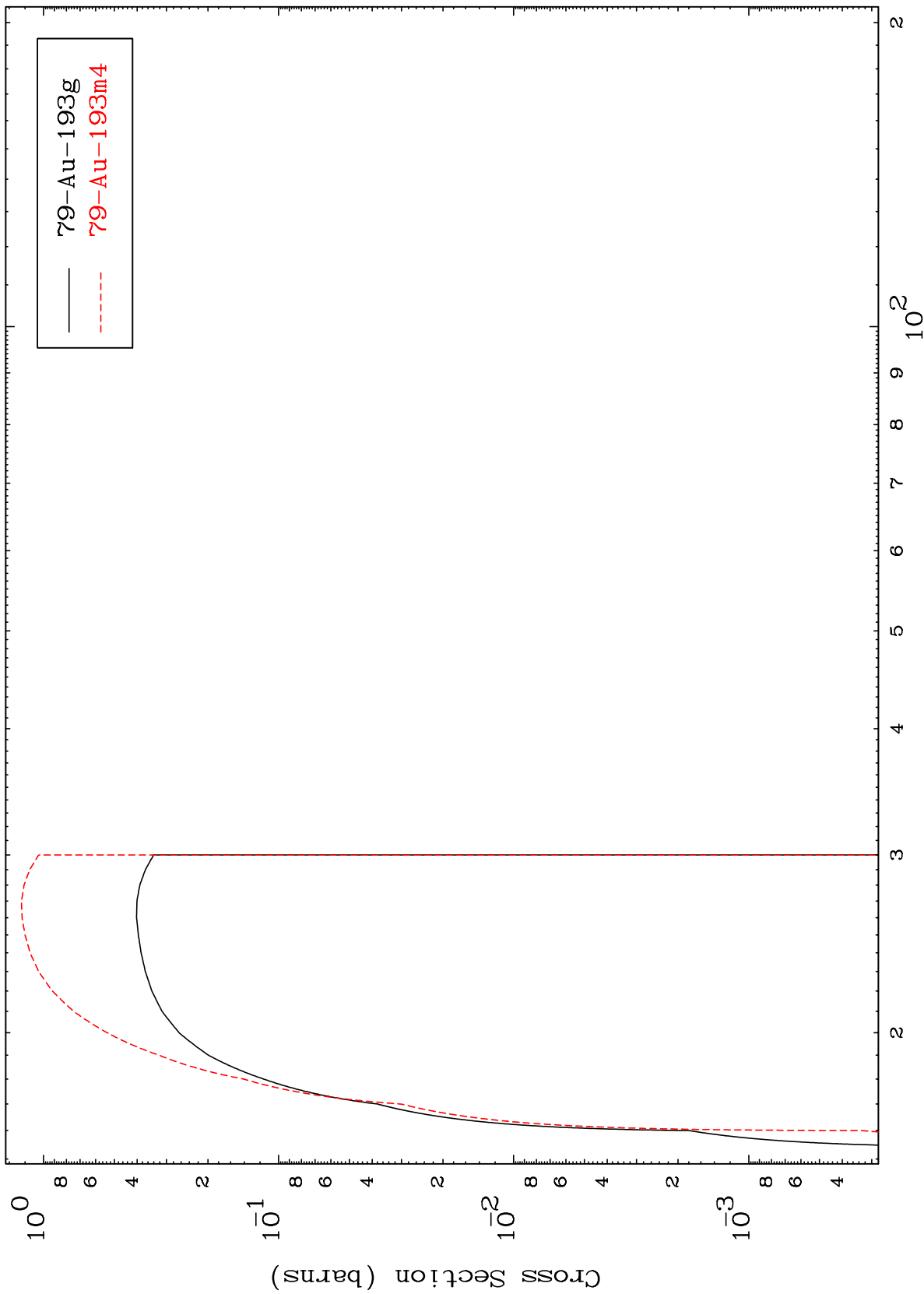
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

(n,3n)
Radionuclide Production Cross Section



138

Incident Energy (MeV)

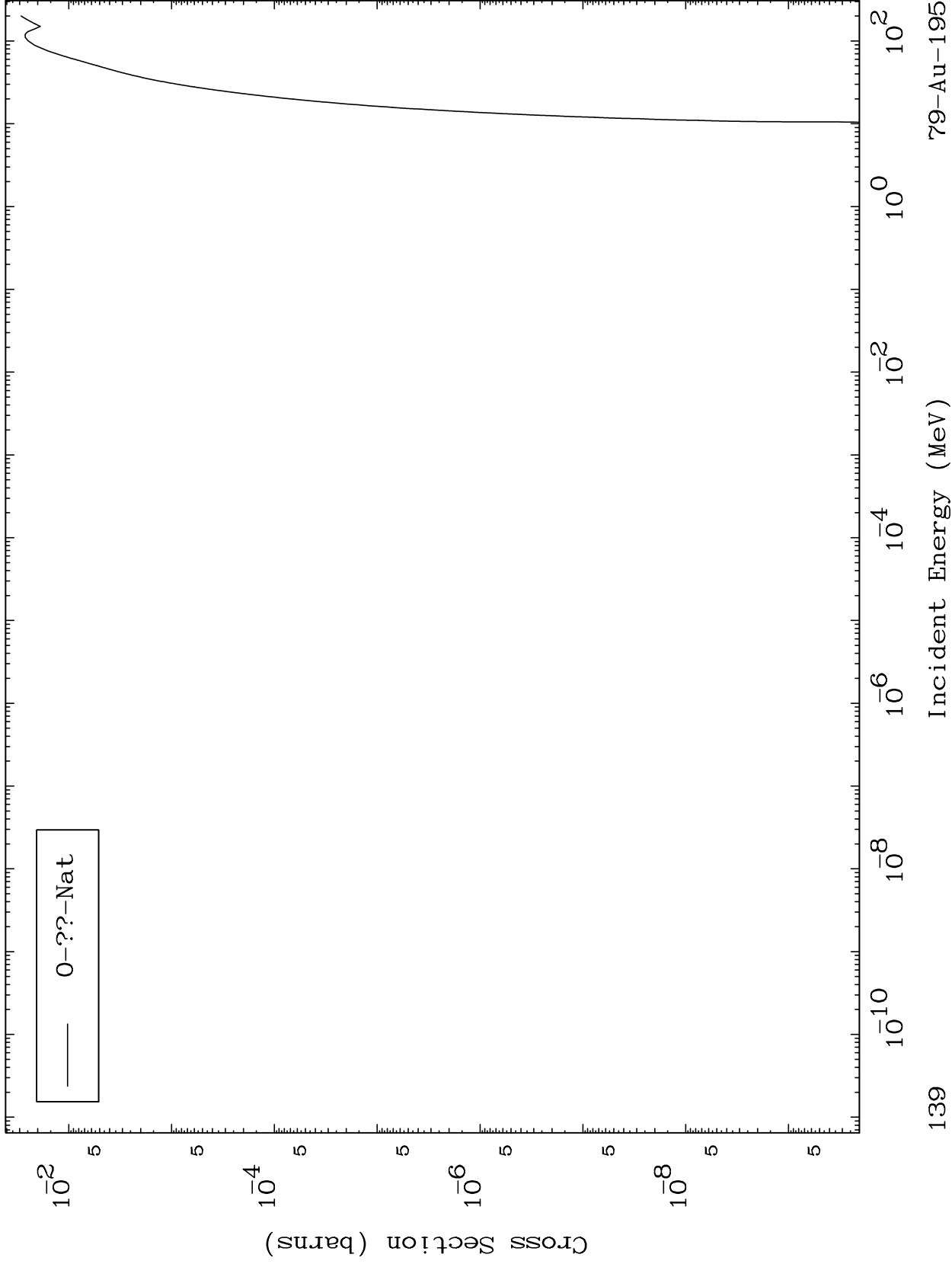
79-Au-195

MAT 7919

Fission

79-Au-195

Radionuclide Production Cross Section



139

Incident Energy (MeV)

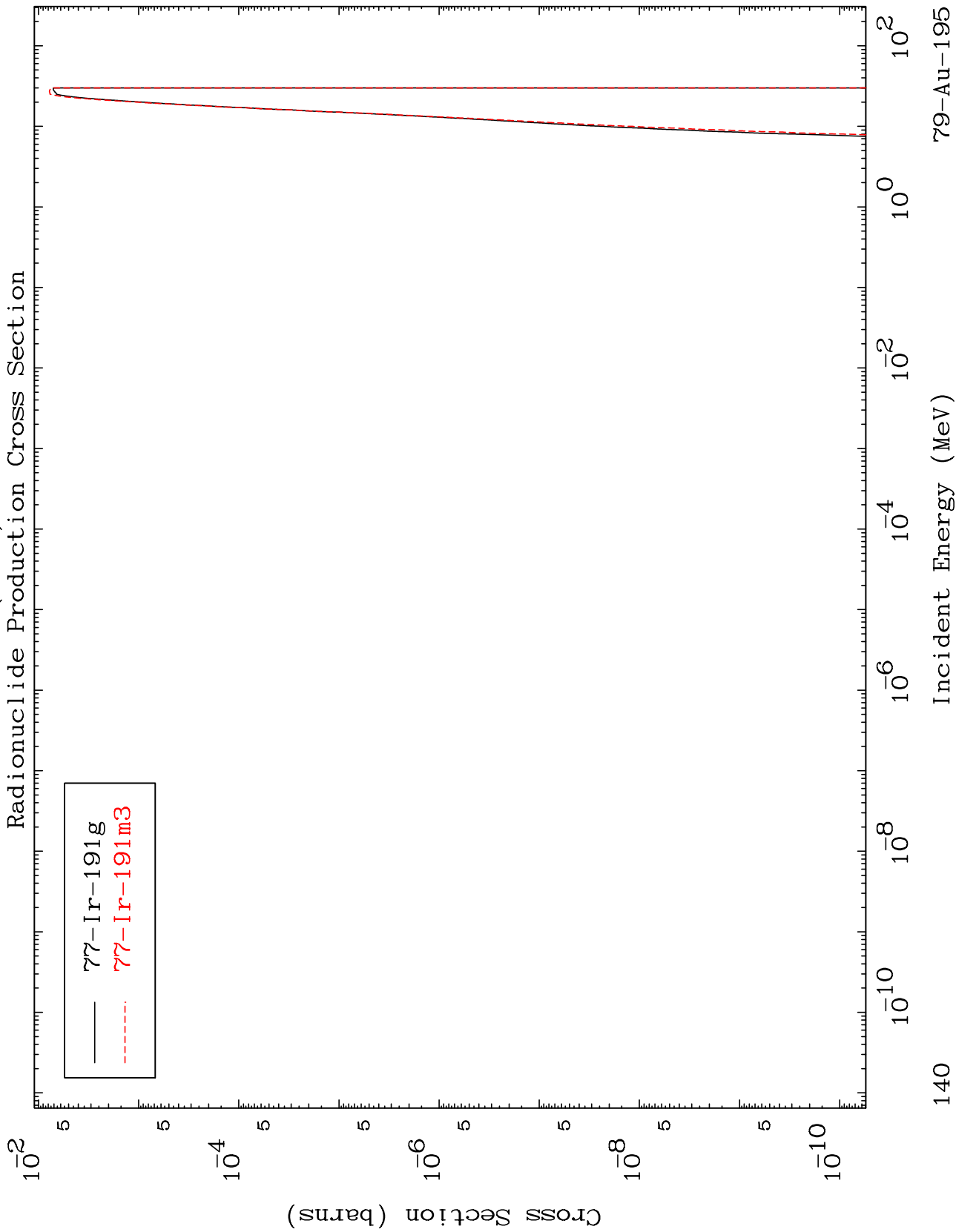
79-Au-195

MAT 7919

$(n, n') \alpha$

$^{79}\text{Au-195}$

Radionuclide Production Cross Section



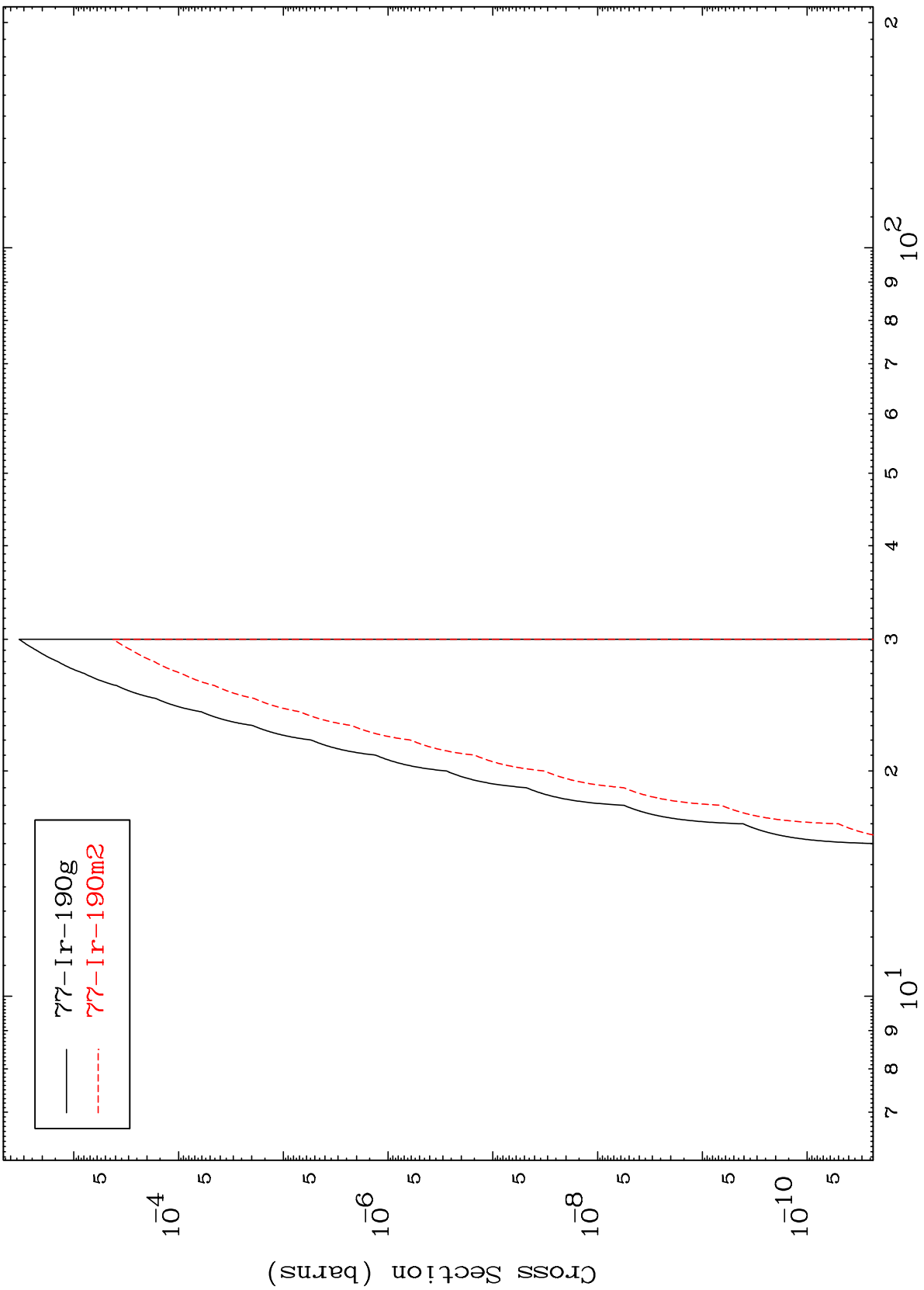
$^{77}\text{Ir-191g}$
 $^{77}\text{Ir-191m3}$

MAT 7919

$(n,2n) \alpha$

79-Au-195

Radionuclide Production Cross Section

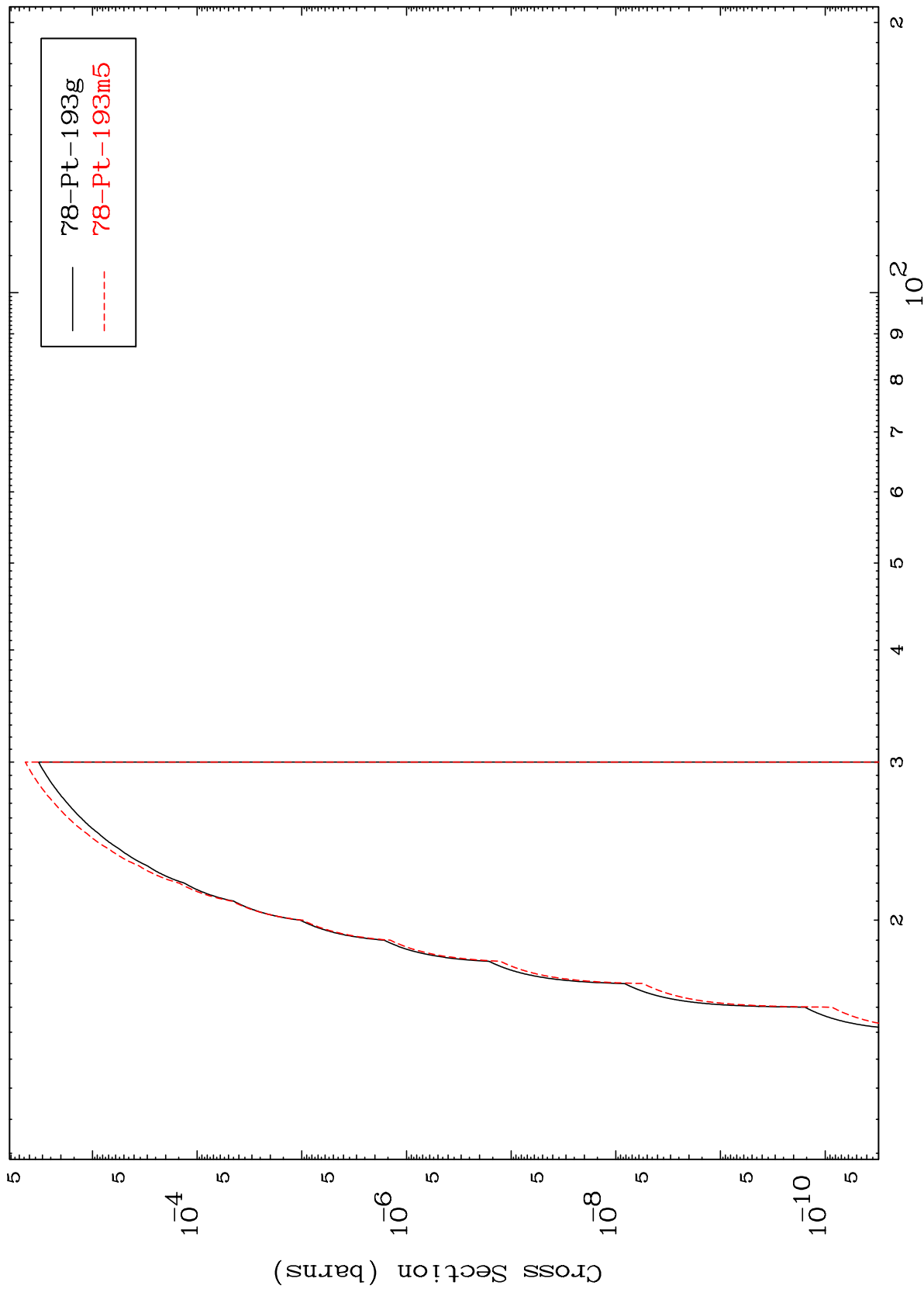


141

Incident Energy (MeV)

79-Au-195

Radionuclide Production Cross Section

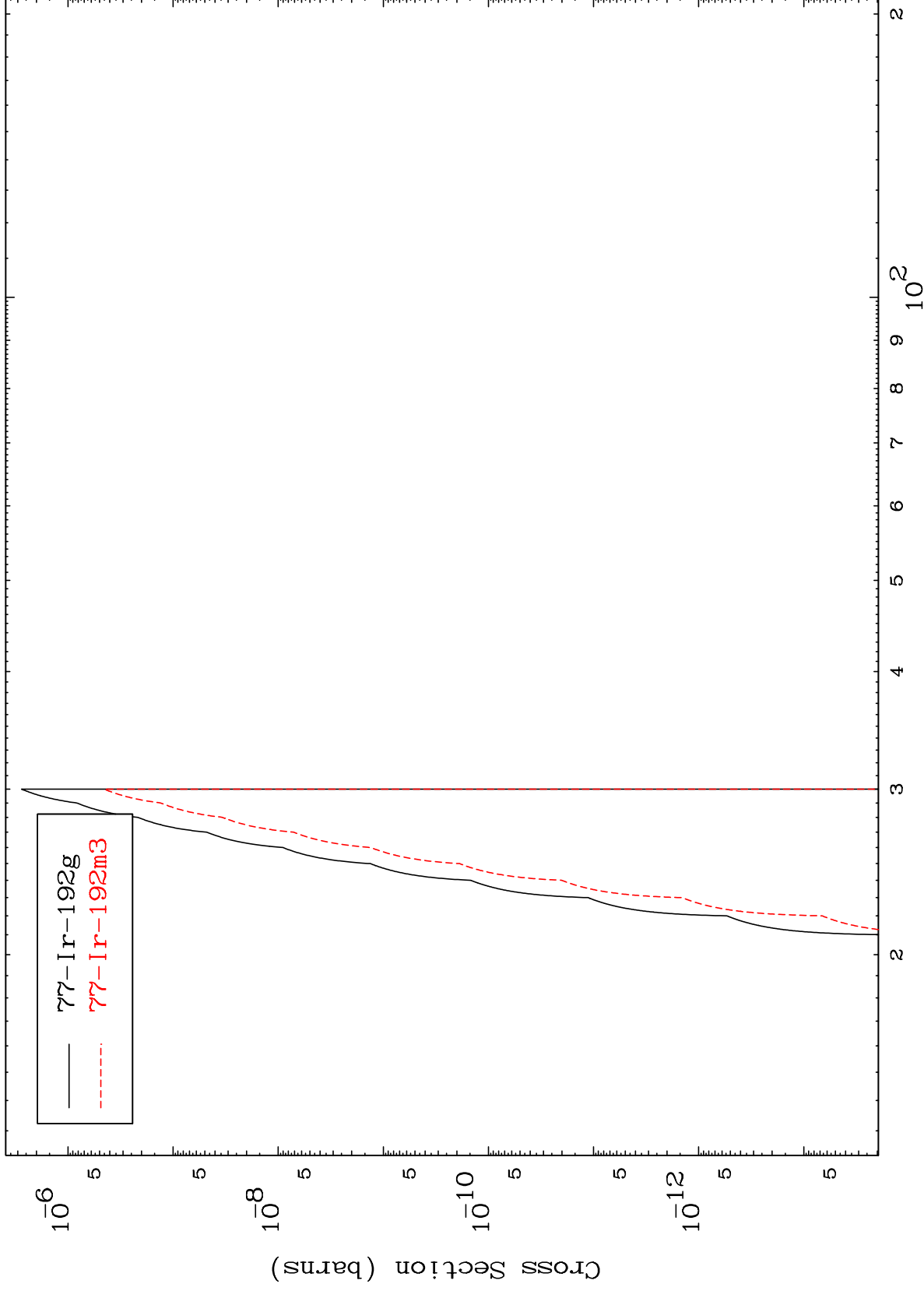


MAT 7919

(n,n') He-3

79-Au-195

Radionuclide Production Cross Section



143

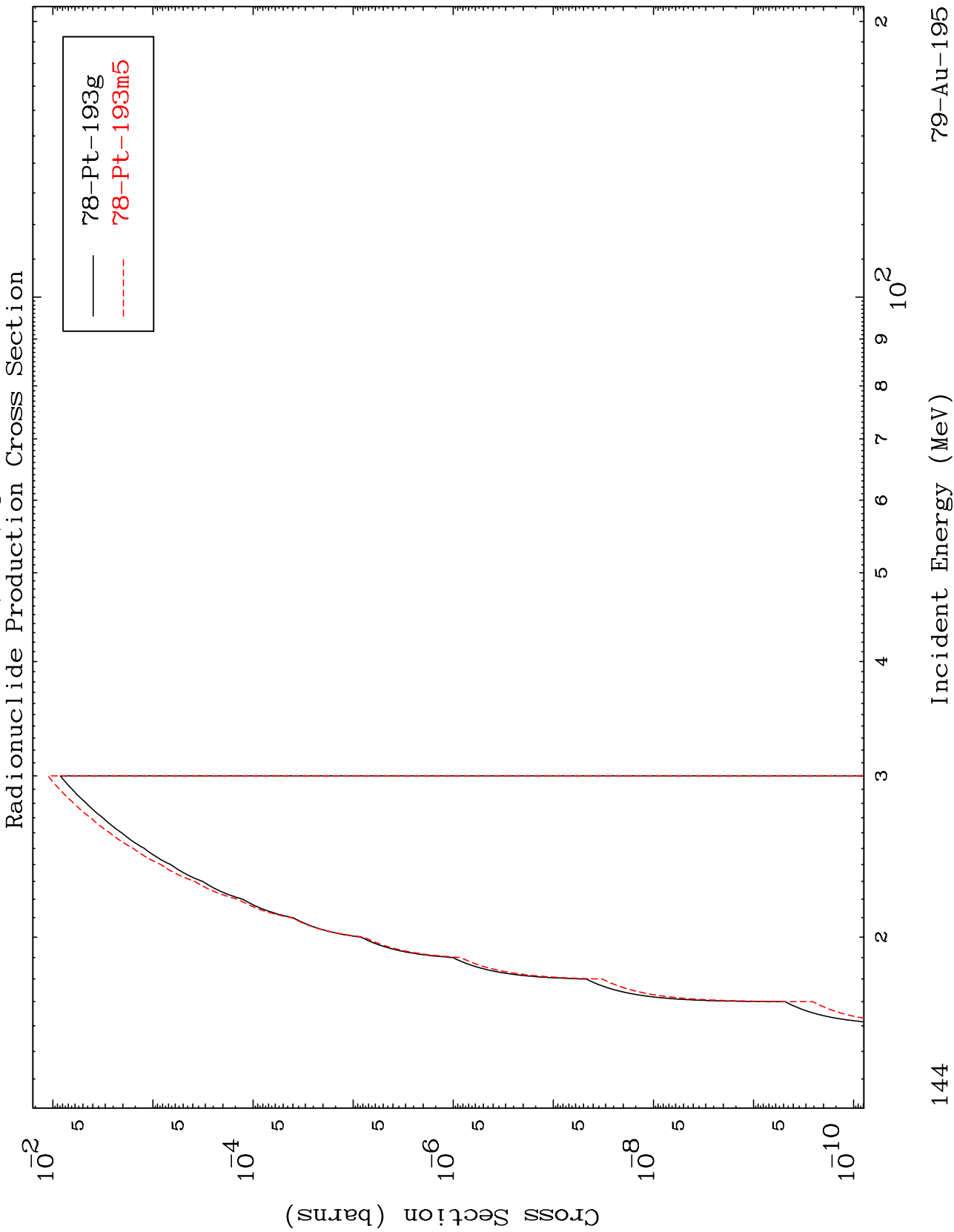
Incident Energy (MeV)

79-Au-195

MAT 7919

(n,2n) p

79-Au-195



144

Incident Energy (MeV)

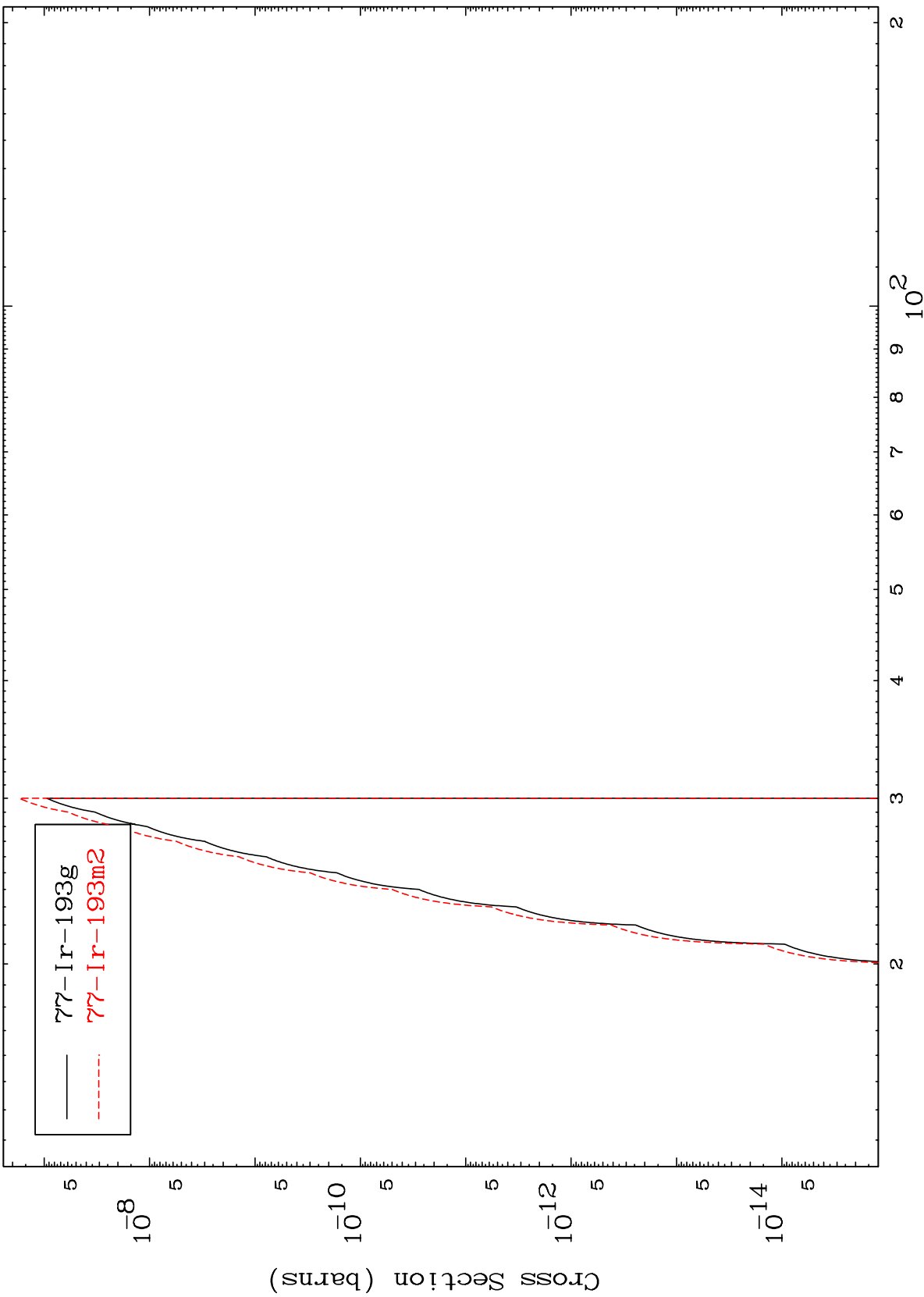
79-Au-195

MAT 7919

(n,2n) p

79-Au-195

Radionuclide Production Cross Section



145

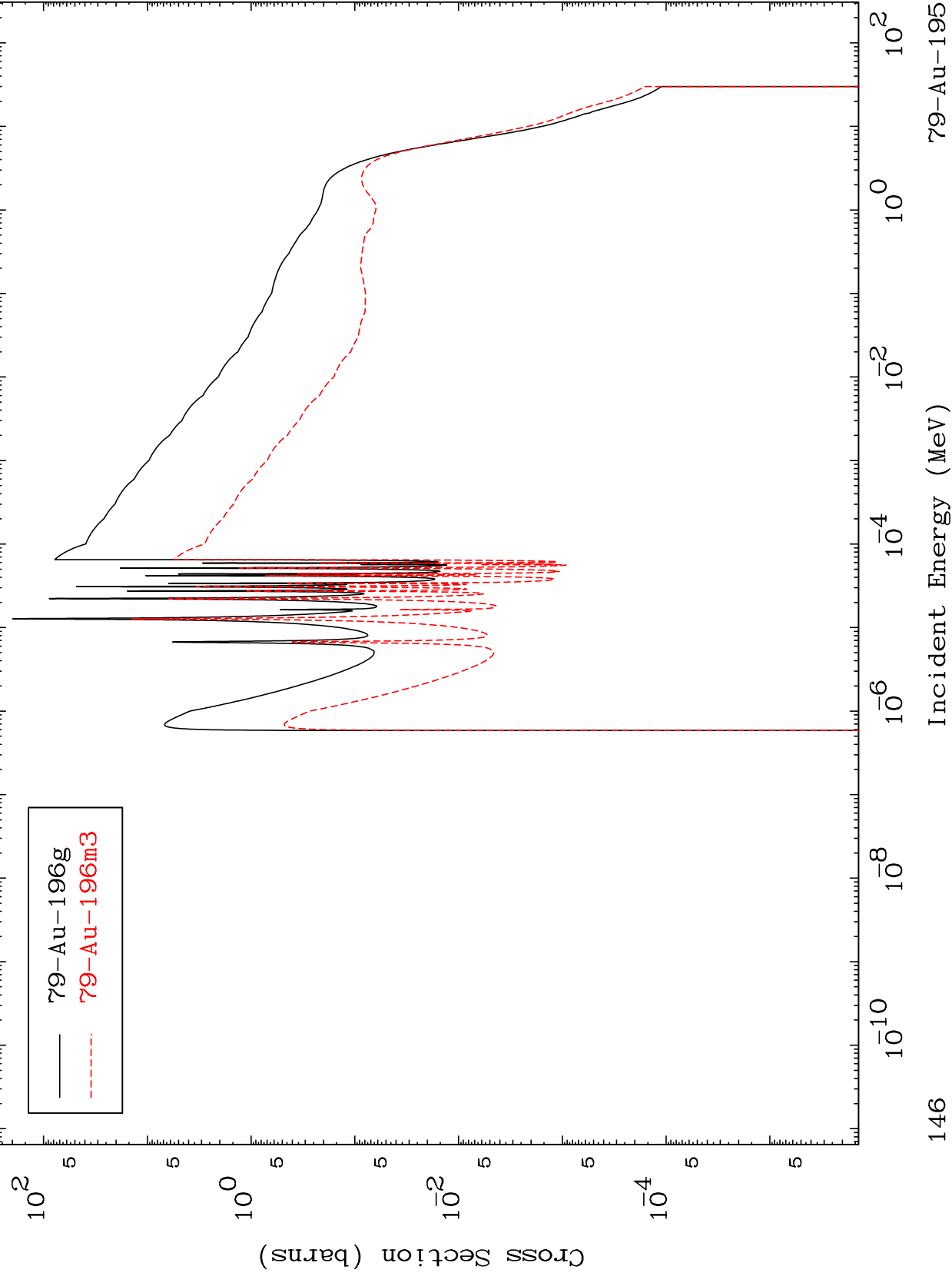
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

(n, γ)
Radionuclide Production Cross Section



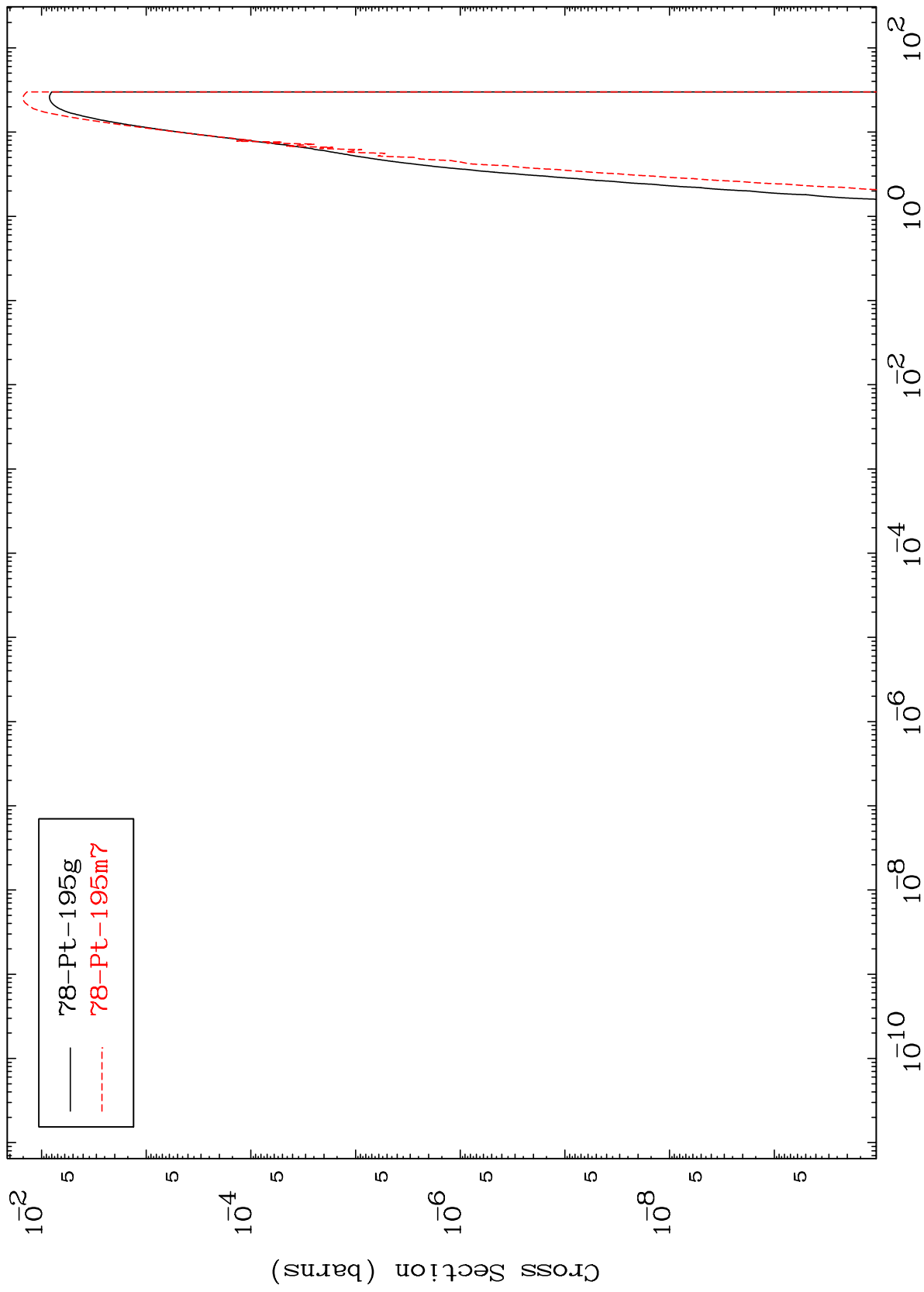
146

79-Au-195

MAT 7919

79-Au-195

(n,p)
Radionuclide Production Cross Section



147

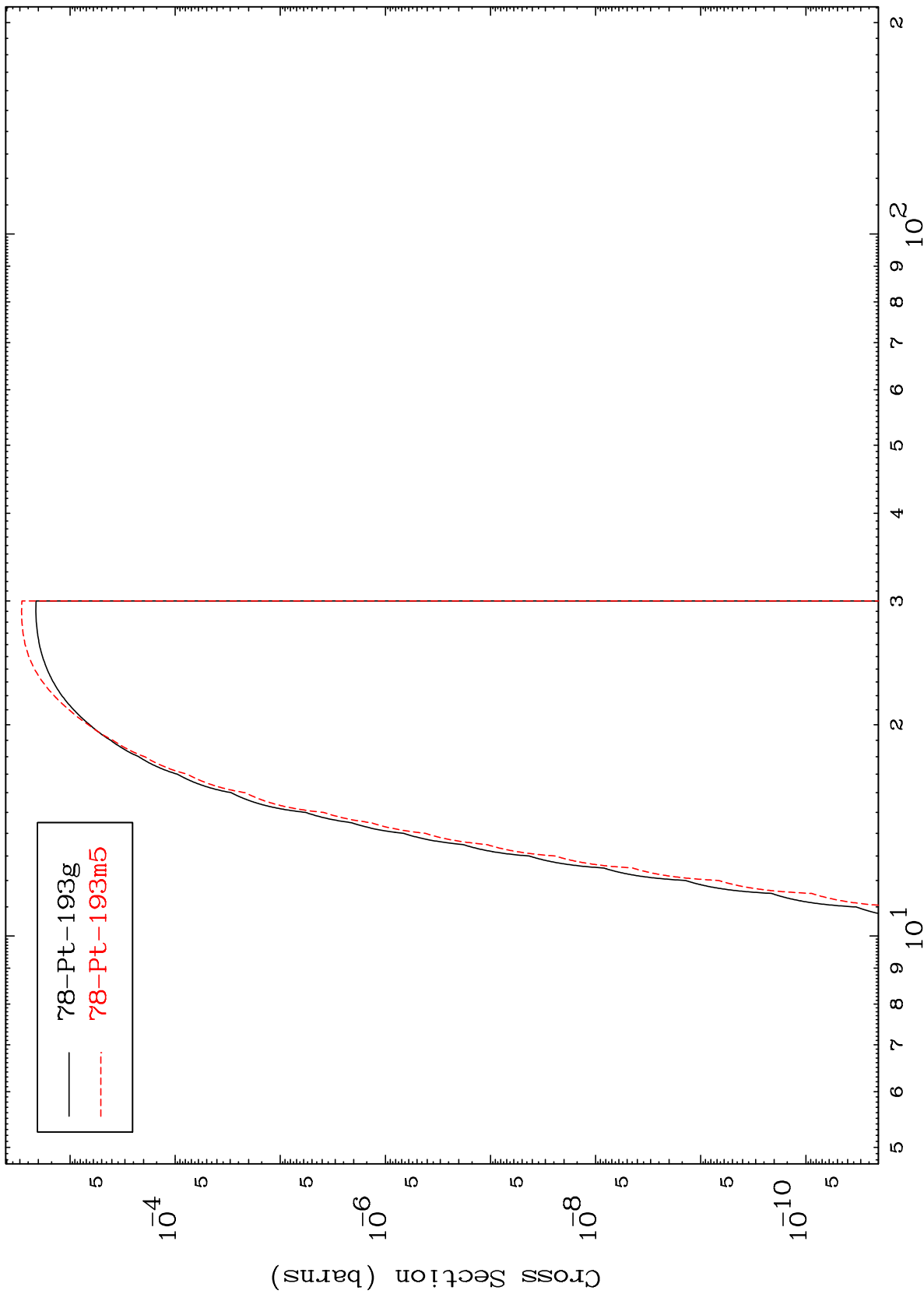
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

Radionuclide Production Cross Section (n,t)



78-Pt-193g
78-Pt-193m5

79-Au-195

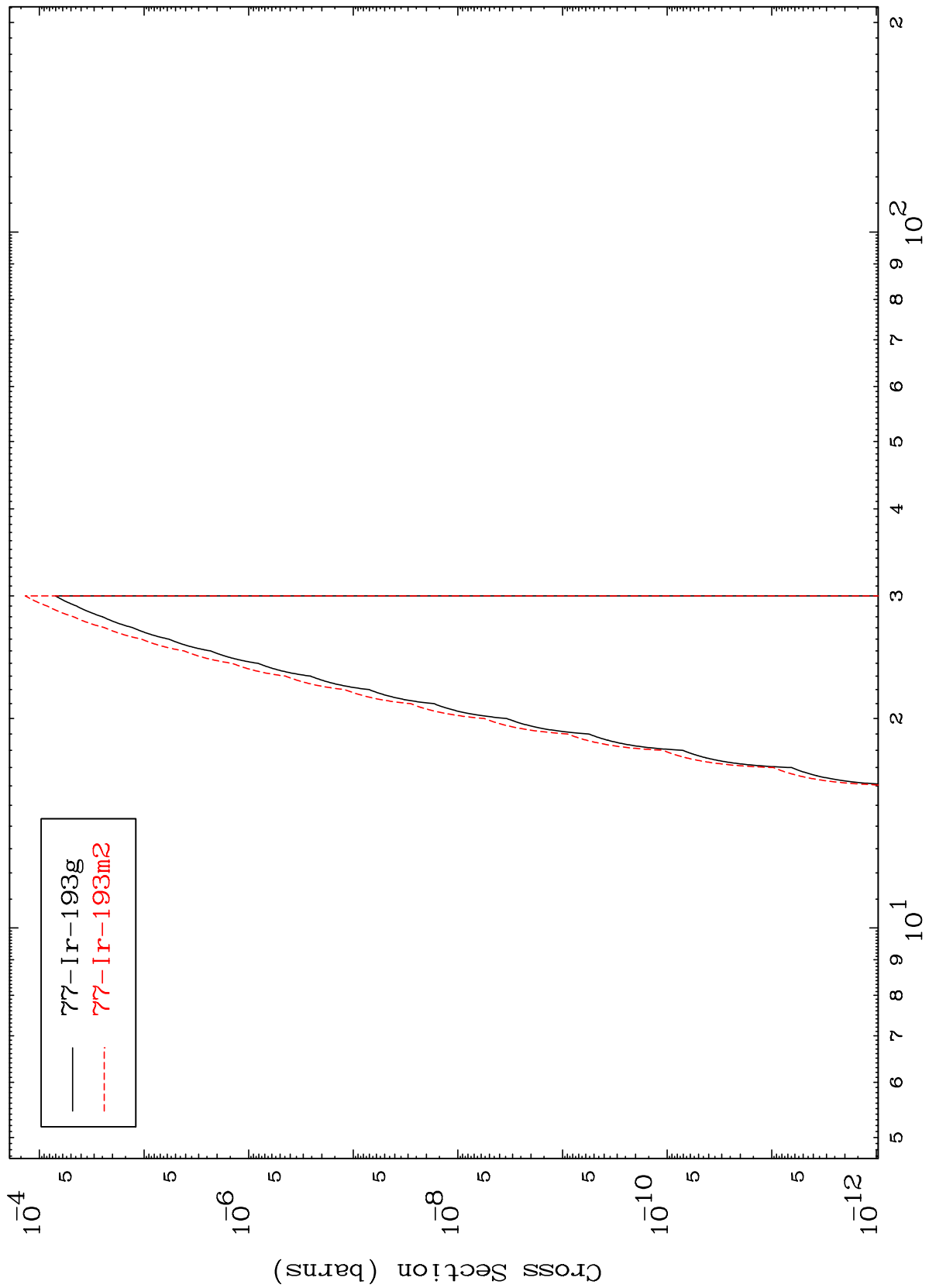
Incident Energy (MeV)

148

MAT 7919

79-Au-195

(n,He-3)
Radionuclide Production Cross Section



149

Incident Energy (MeV)

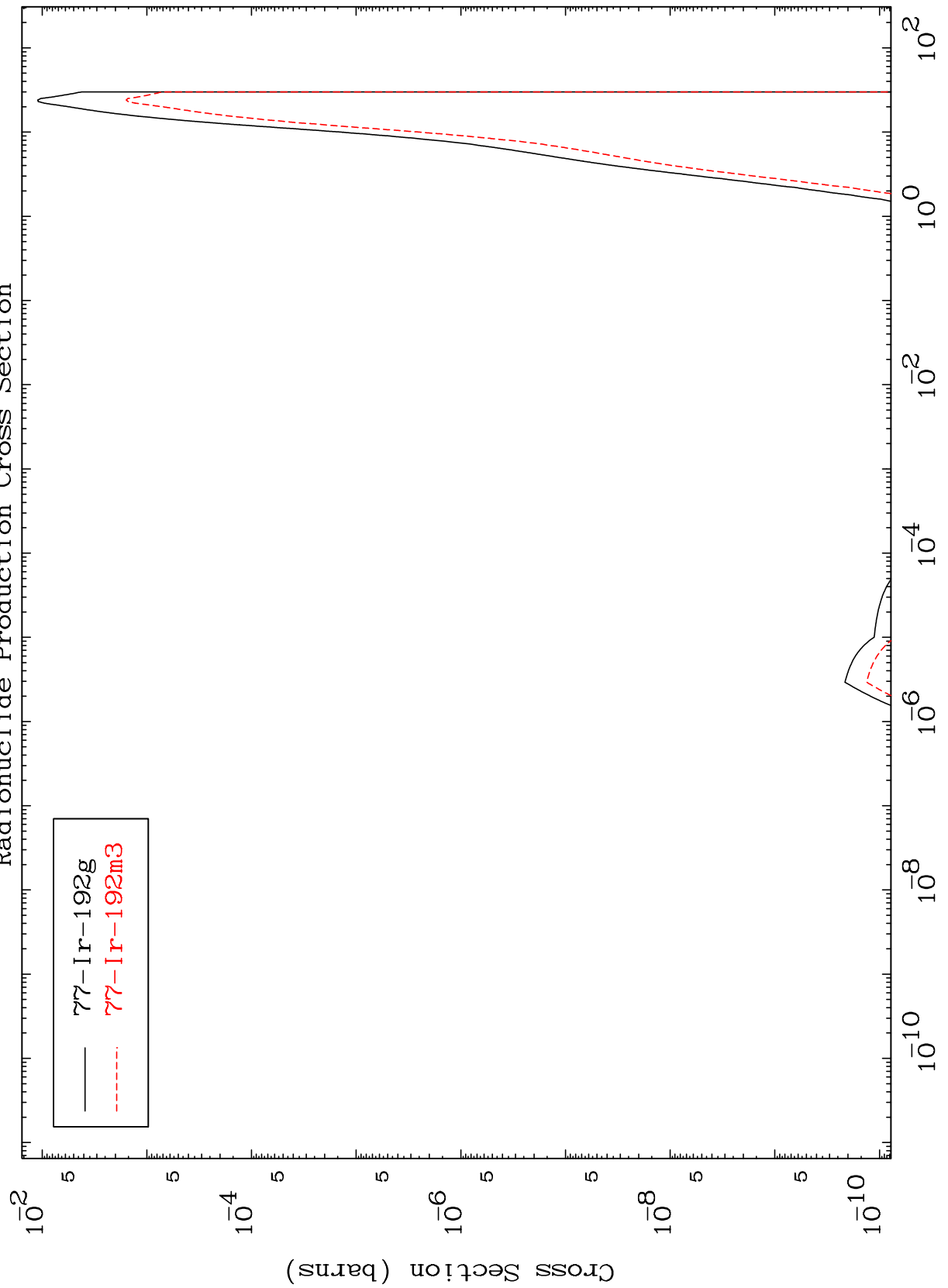
79-Au-195

MAT 7919

(n, α)

79-Au-195

Radionuclide Production Cross Section



150

Incident Energy (MeV)

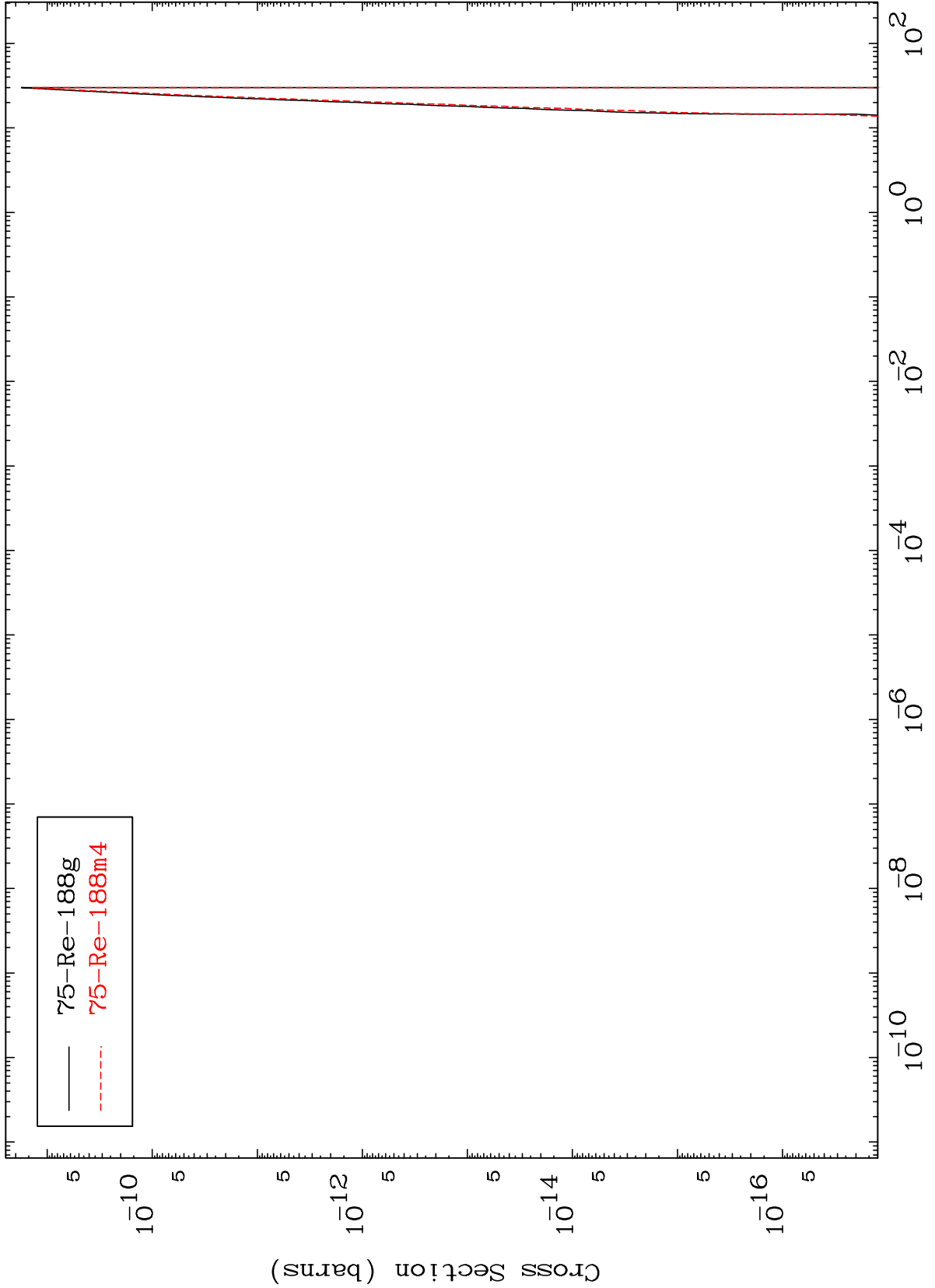
79-Au-195

MAT 7919

(n,2α)

79-Au-195

Radionuclide Production Cross Section



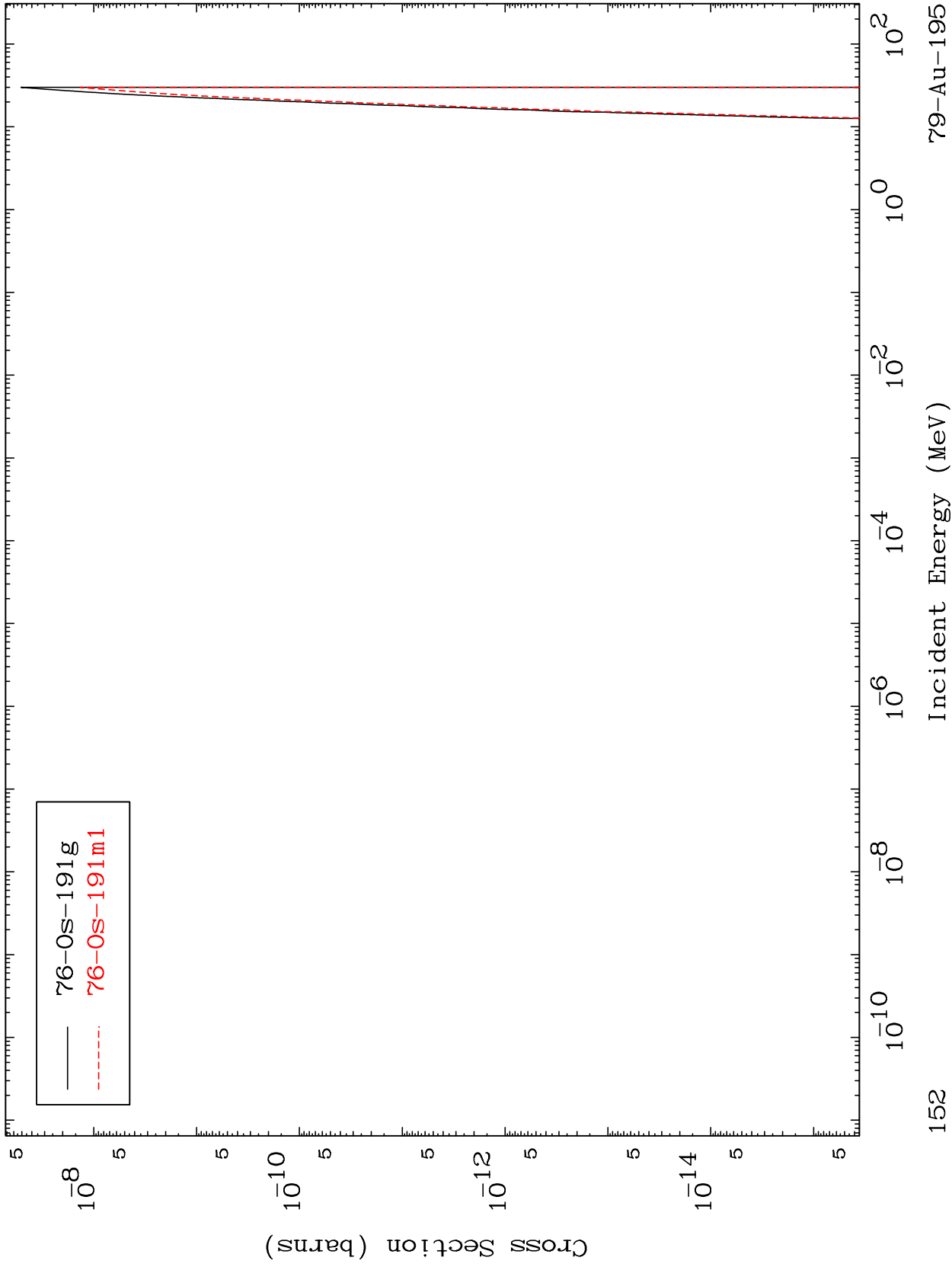
75-Re-188g
75-Re-188m4

MAT 7919

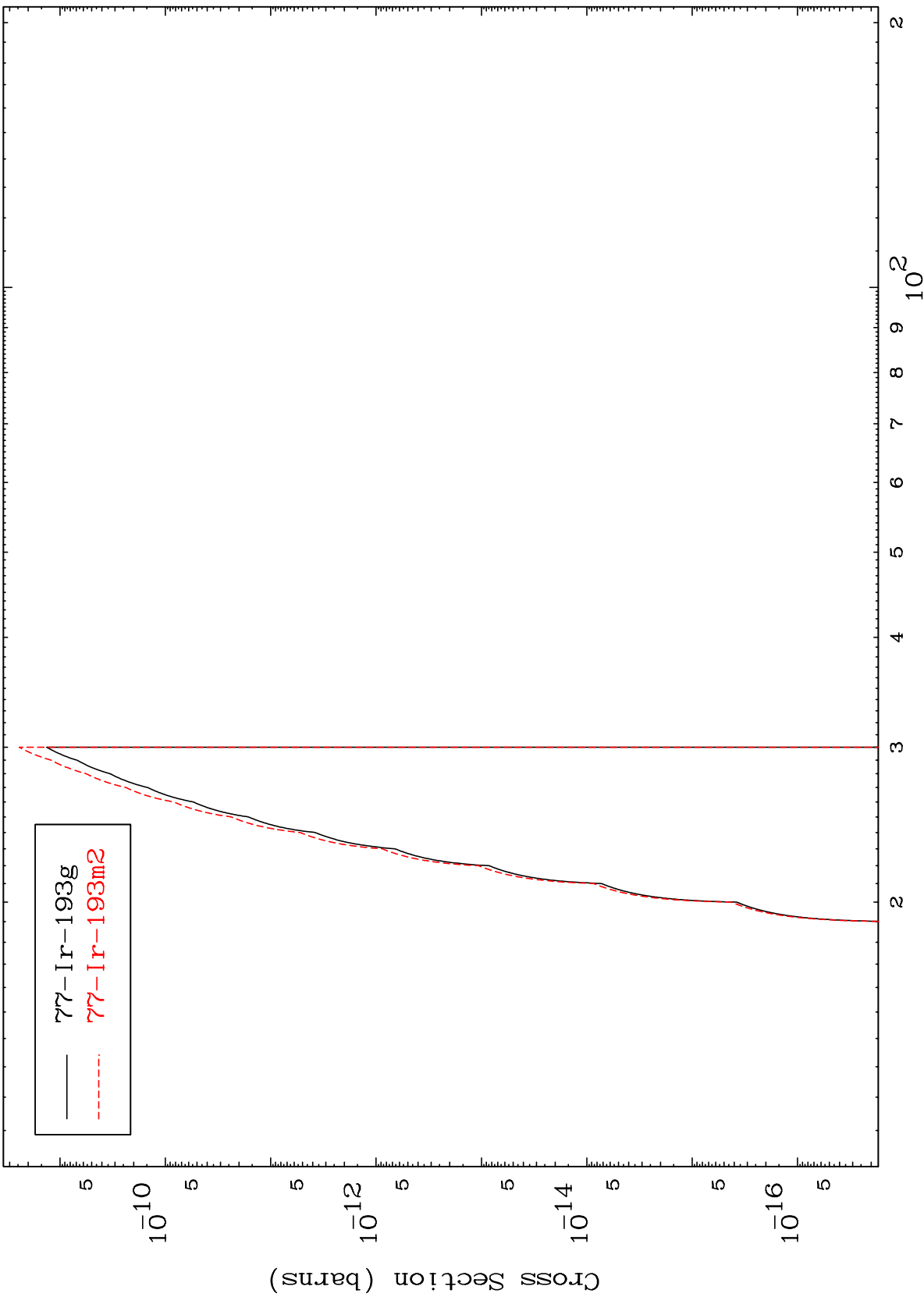
(n,p) α

79-Au-195

Radionuclide Production Cross Section



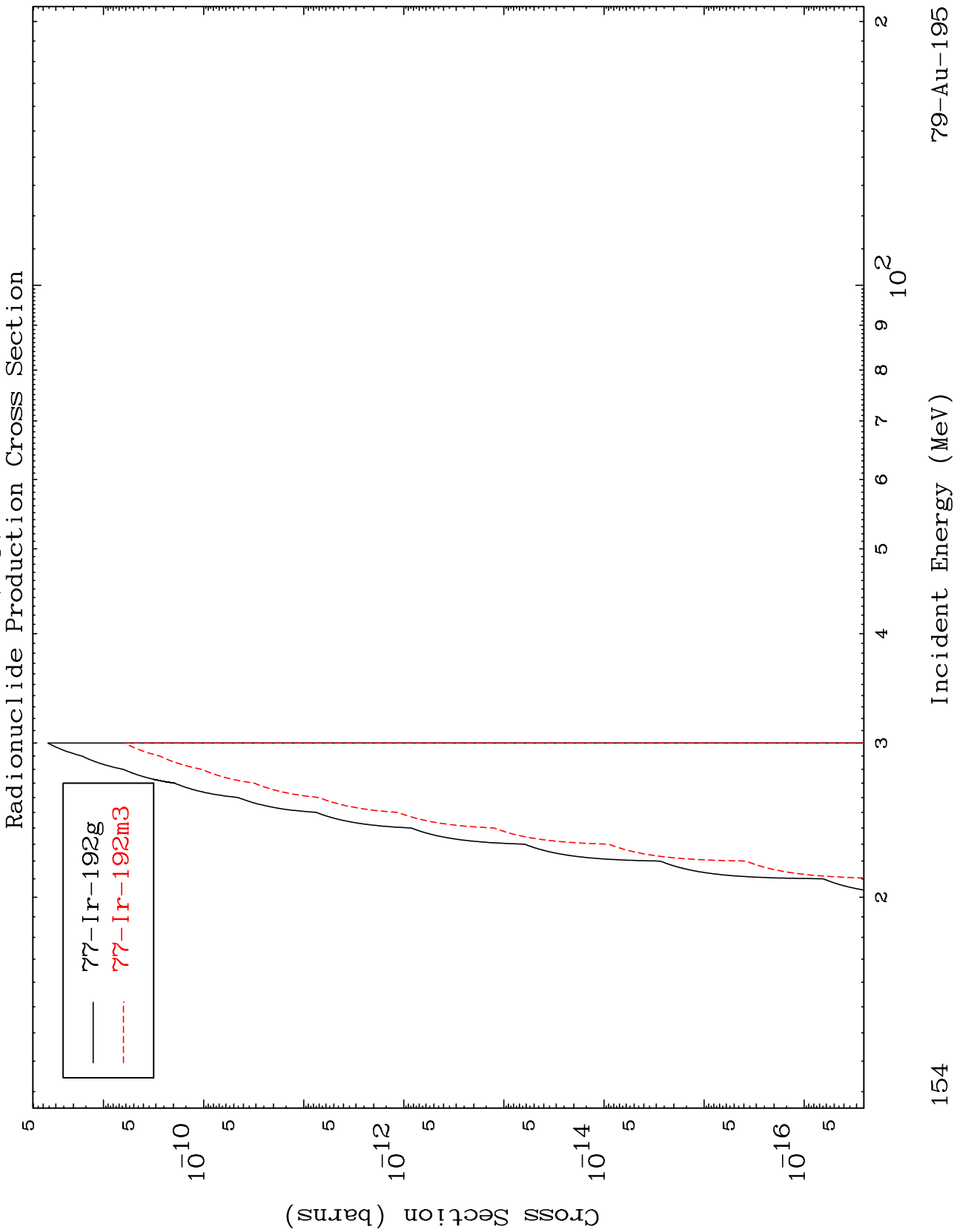
Radionuclide Production Cross Section



MAT 7919

(n,p) t

79-Au-195



154

Incident Energy (MeV)

79-Au-195