

Program EVALPLOT  
(Version 2021-1)

by

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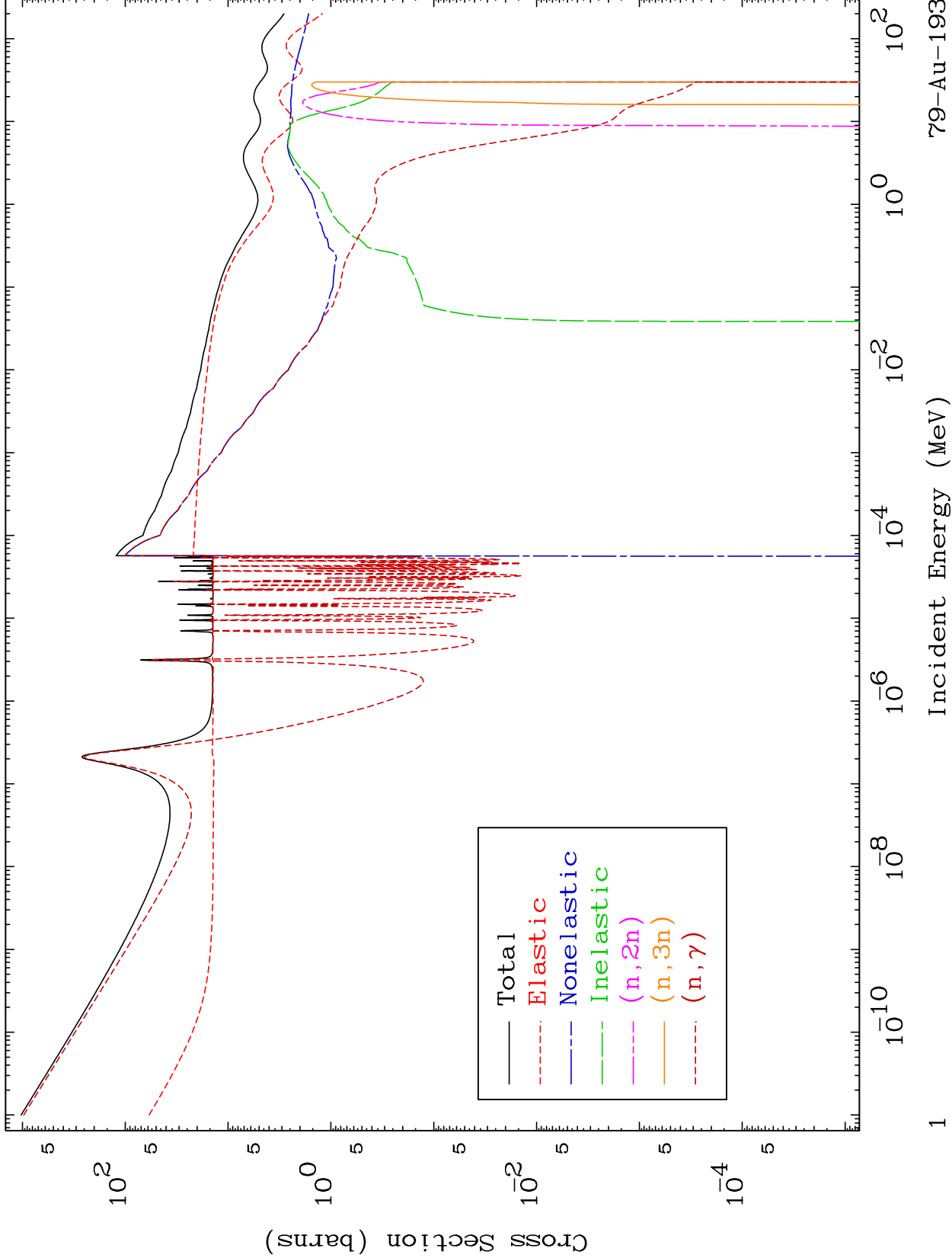
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Press Mouse Button to Start

MAT 7913

Neutron Major  
293 Kelvin Cross Sections

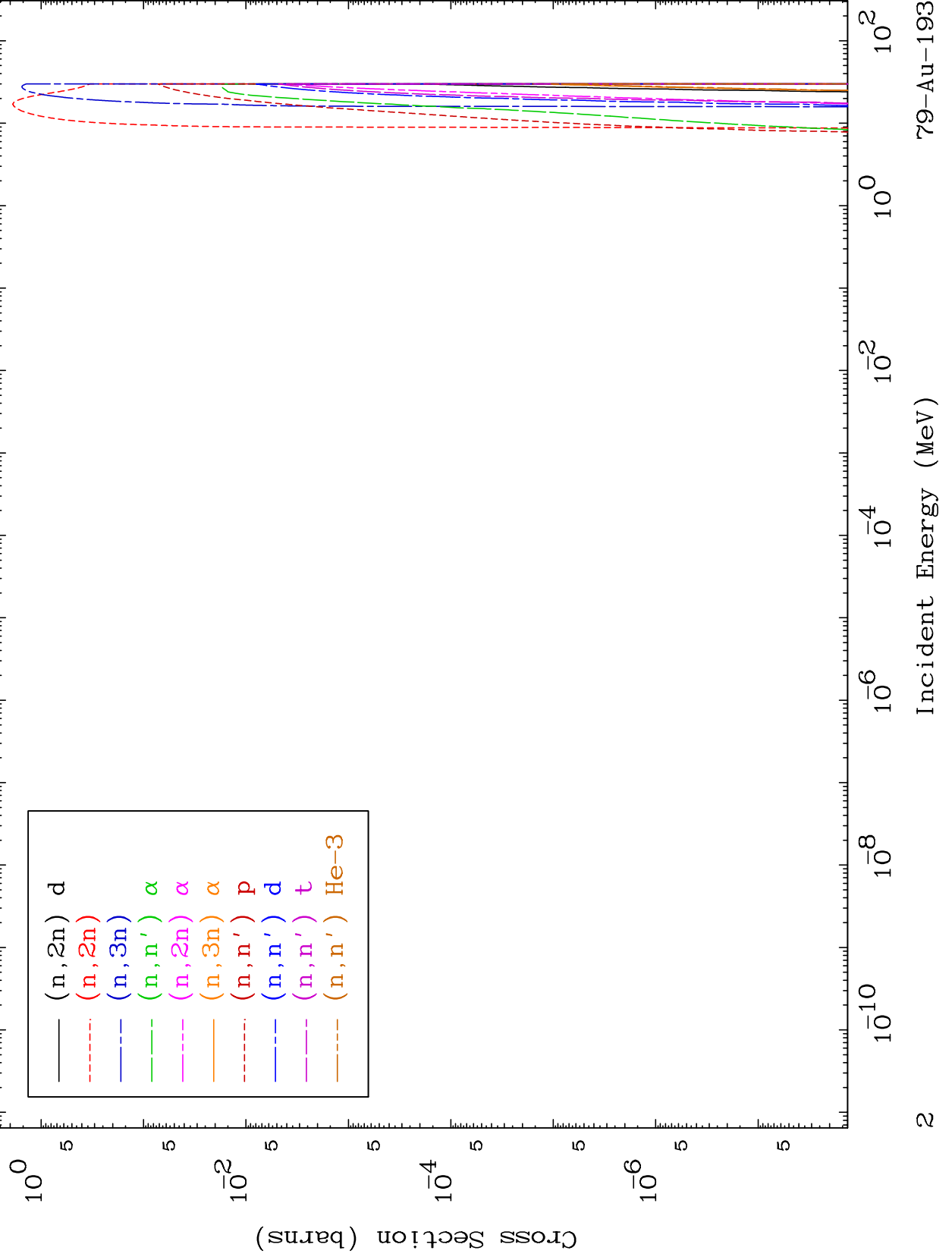
79-Au-193



MAT 7913

Neutron Absorption  
293 Kelvin Cross Sections

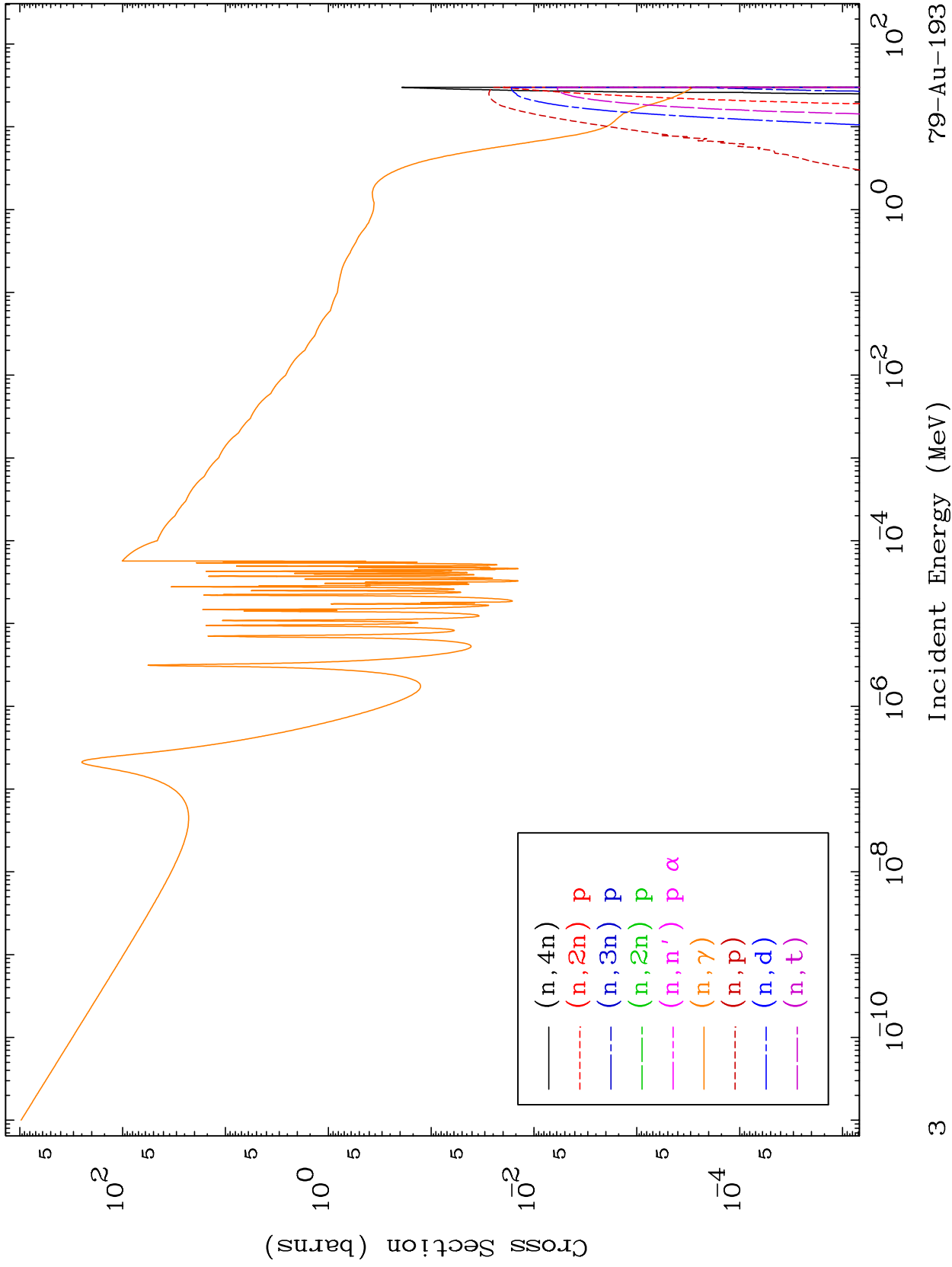
79-Au-193



MAT 7913

Neutron Absorption  
293 Kelvin Cross Sections

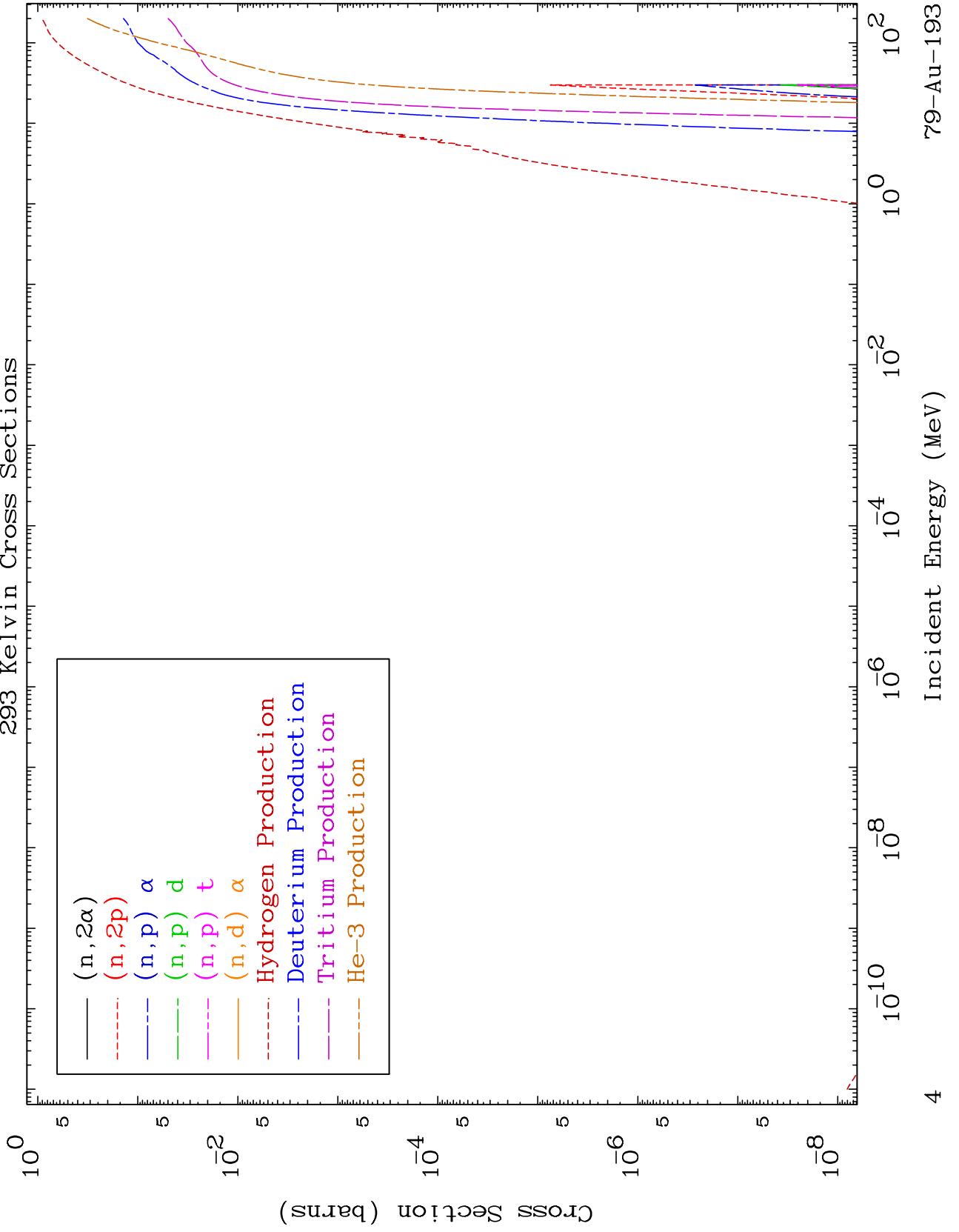
79-Au-193



MAT 7913

Neutron Absorption  
293 Kelvin Cross Sections

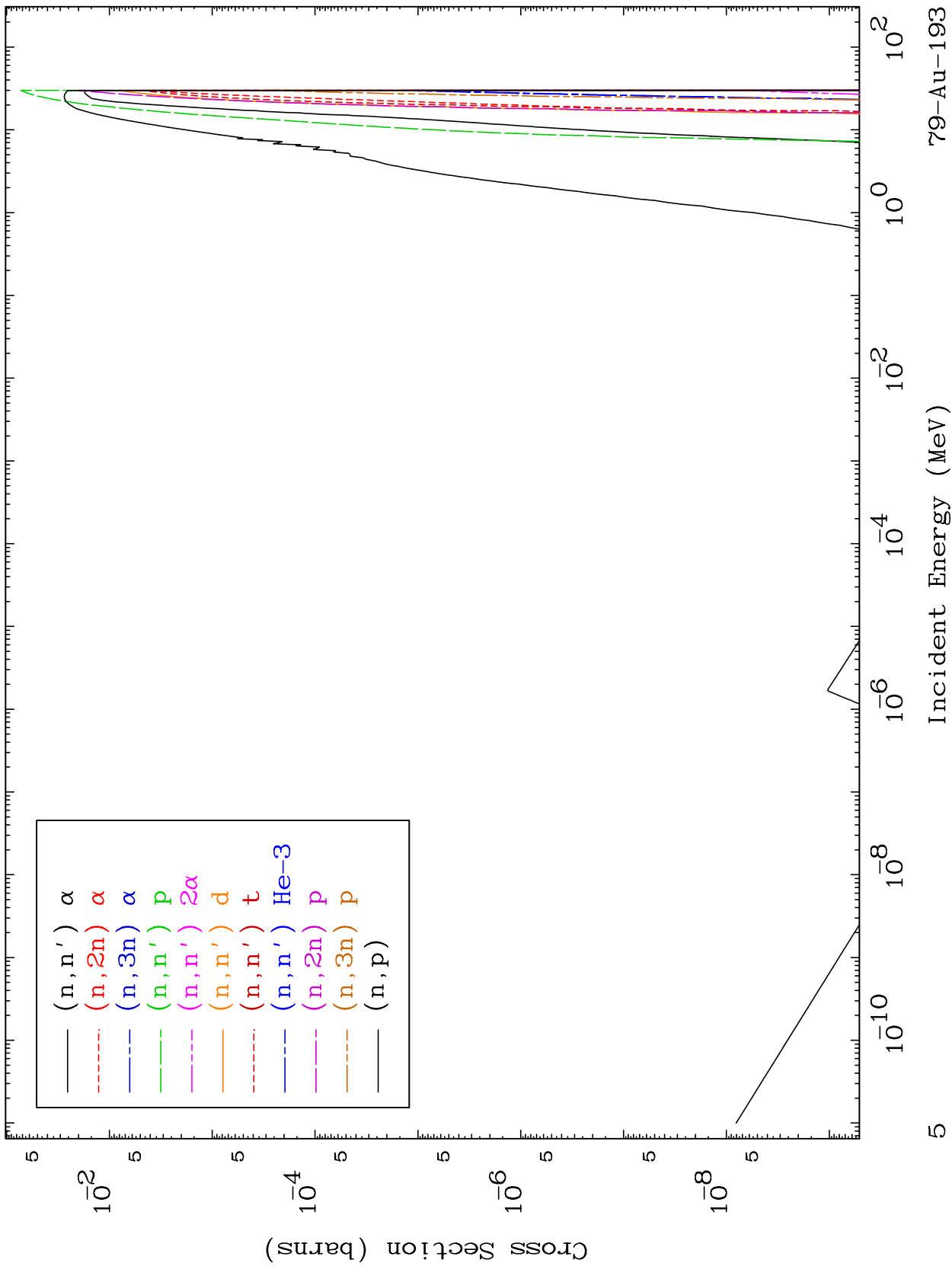
79-Au-193



MAT 7913

Charged Particle  
293 Kelvin Cross Sections

79-Au-193



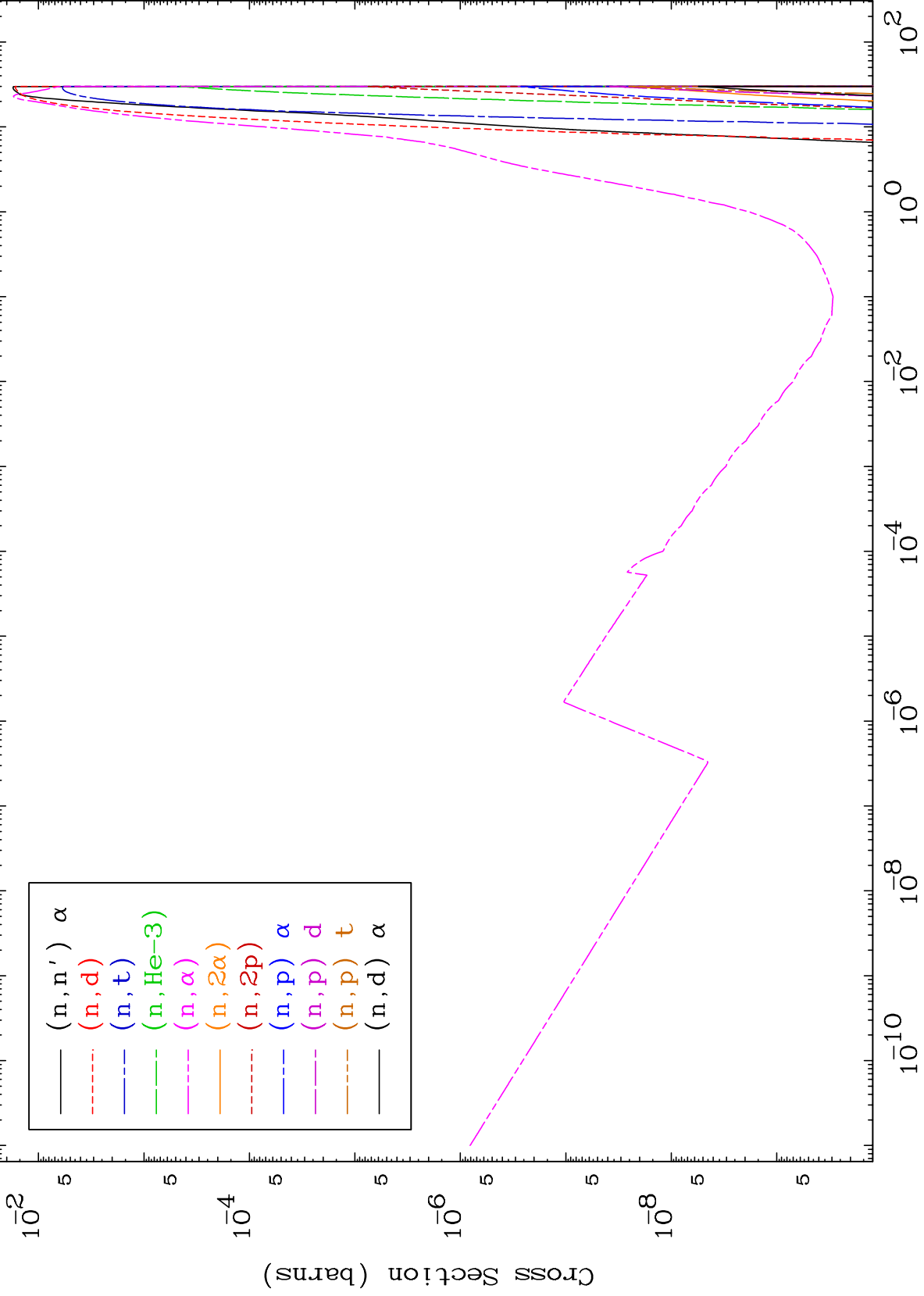
5

79-Au-193

MAT 7913

Charged Particle  
293 Kelvin Cross Sections

79-Au-193



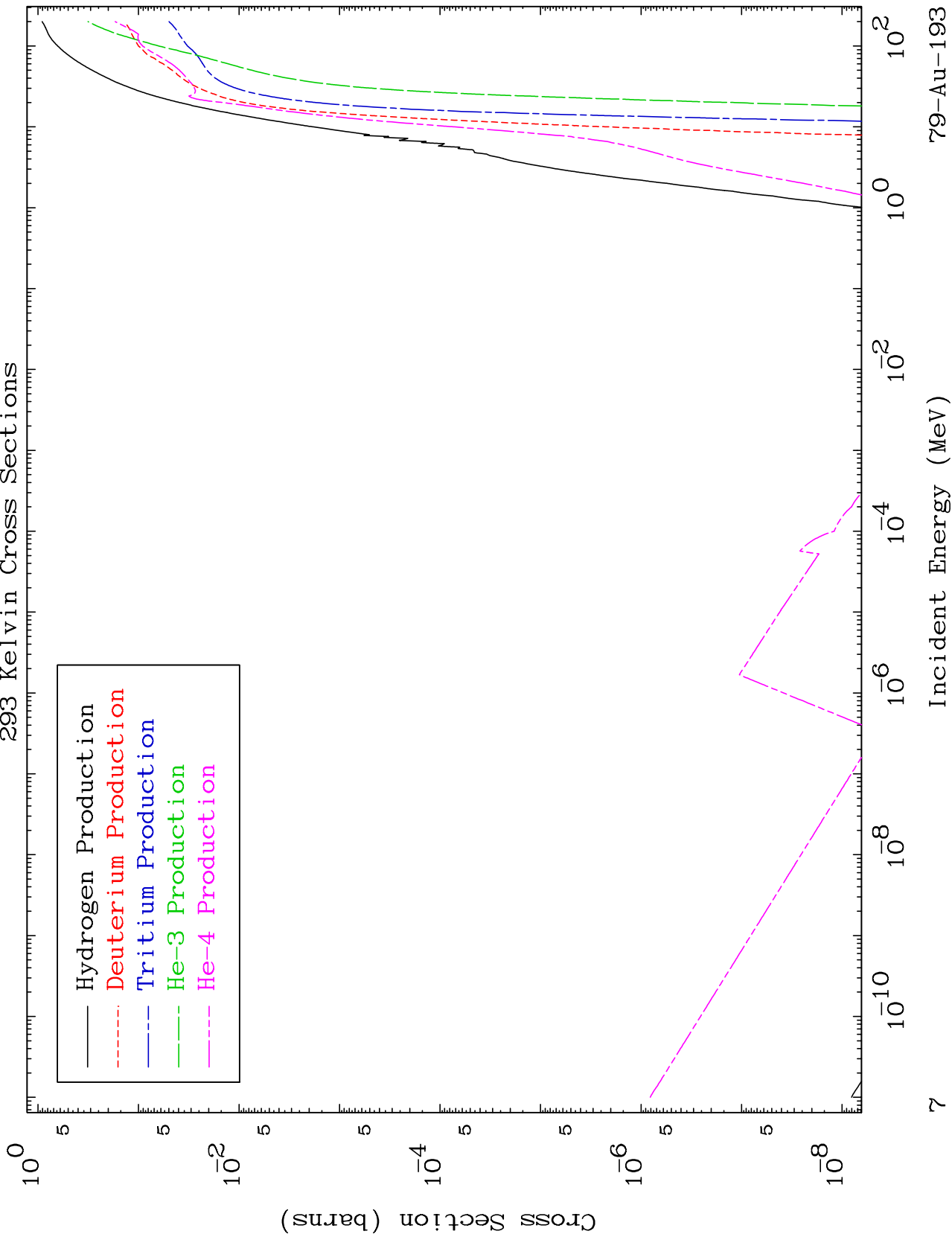
79-Au-193

Incident Energy (MeV)

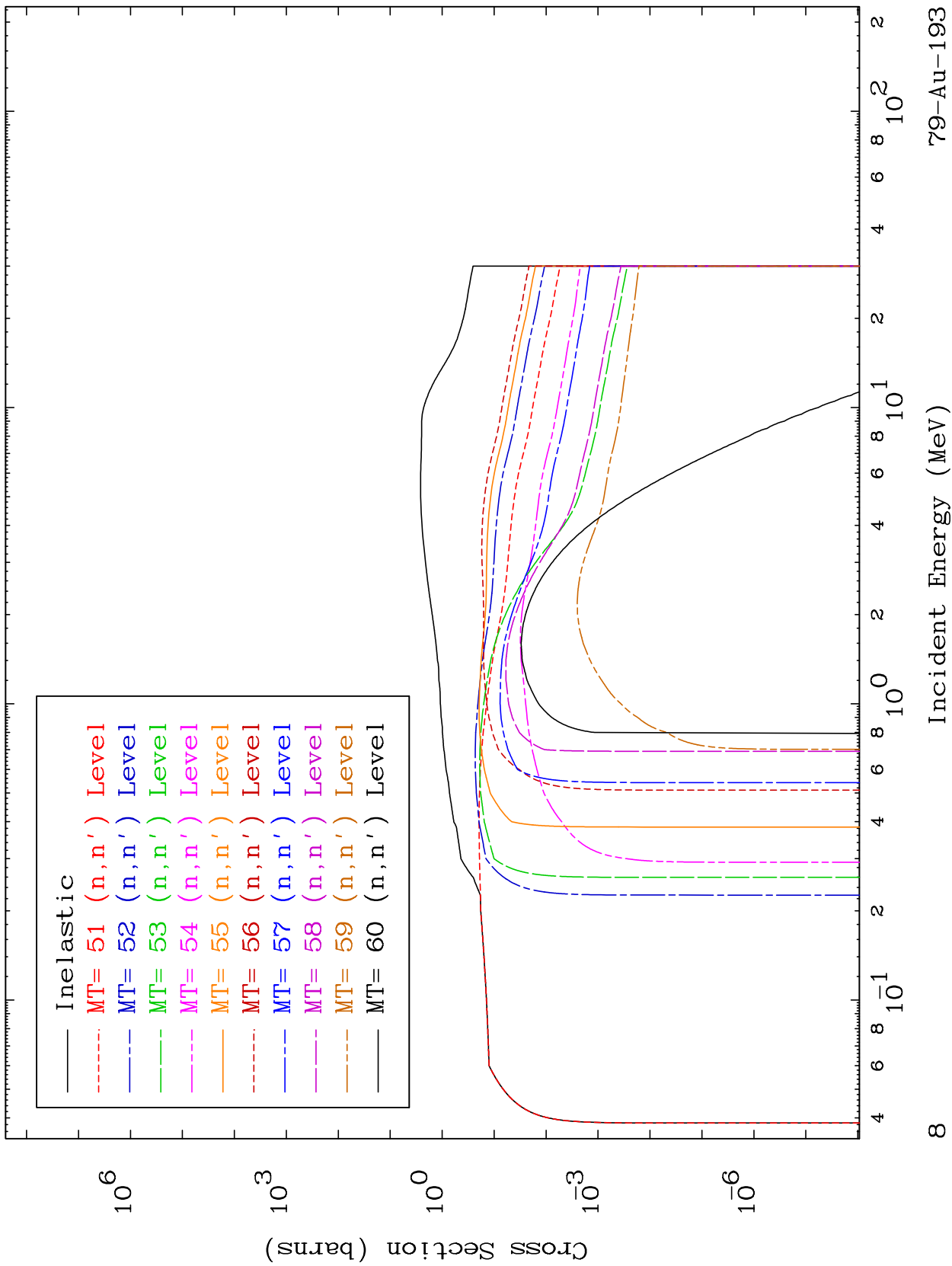
MAT 7913

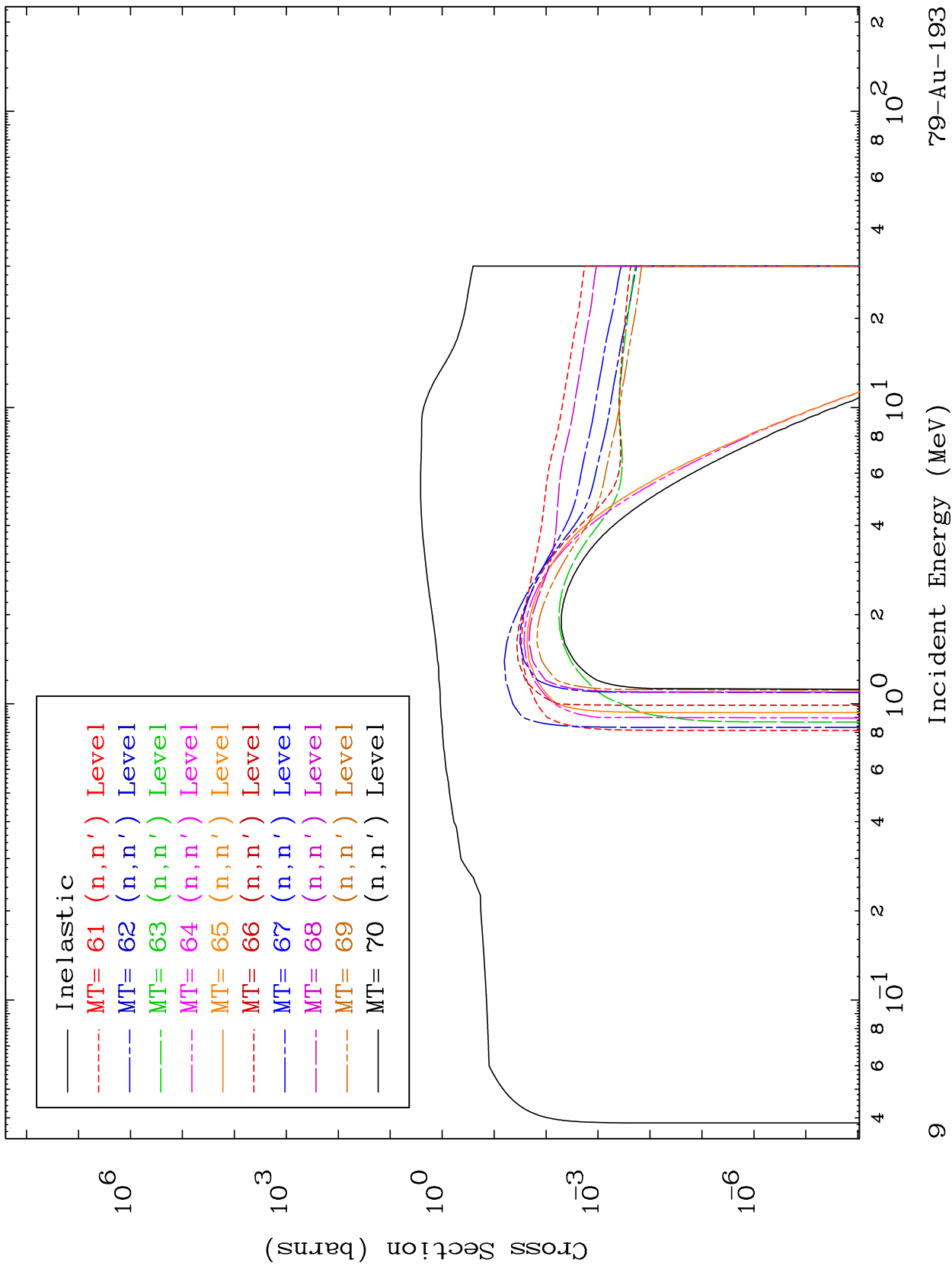
Particle Production  
293 Kelvin Cross Sections

79-Au-193





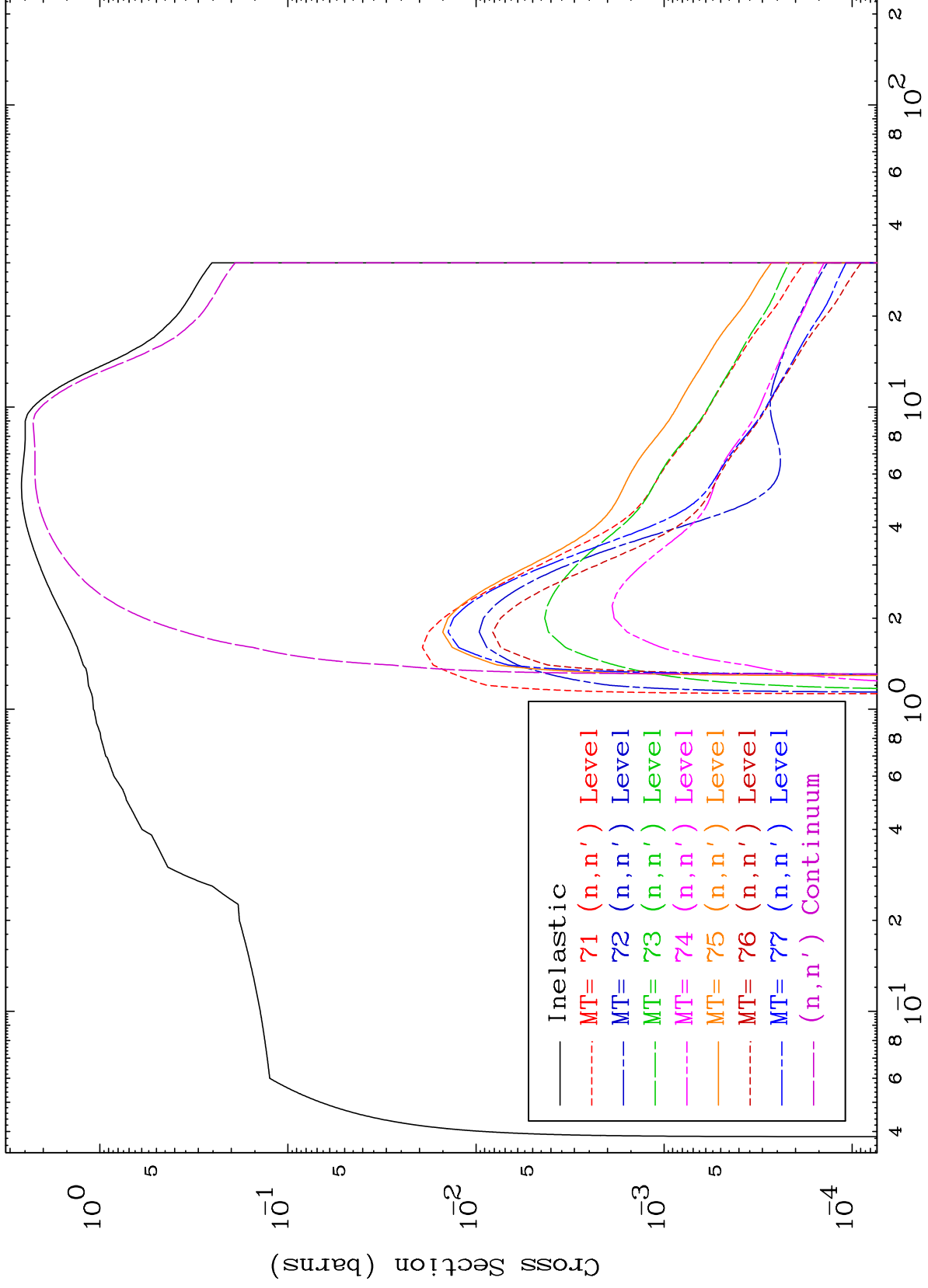




MAT 7913

293 Kelvin Cross Sections  
(n,n') Levels

79-Au-193



10

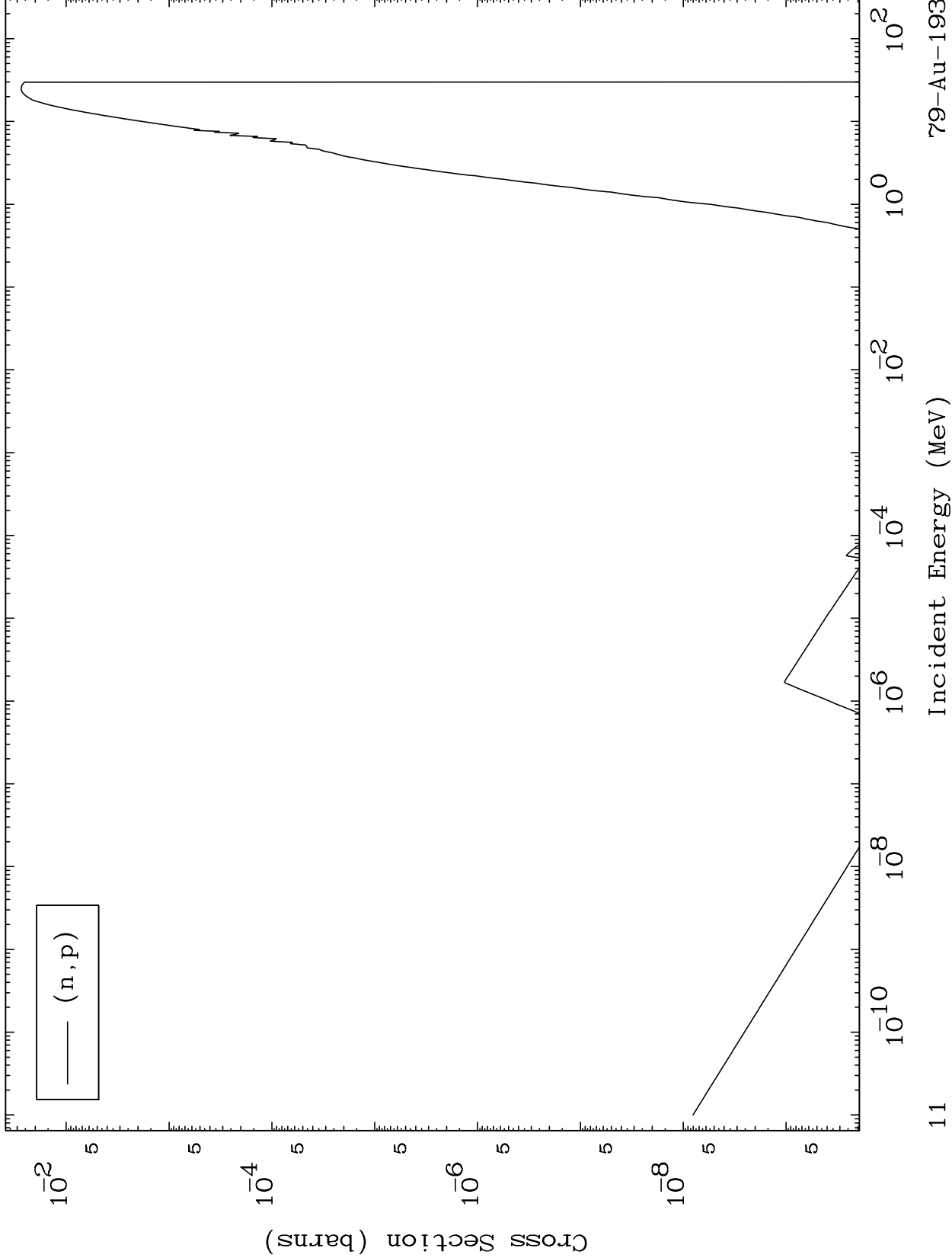
Incident Energy (MeV)

79-Au-193

MAT 7913

(n,p) Levels  
293 Kelvin Cross Sections

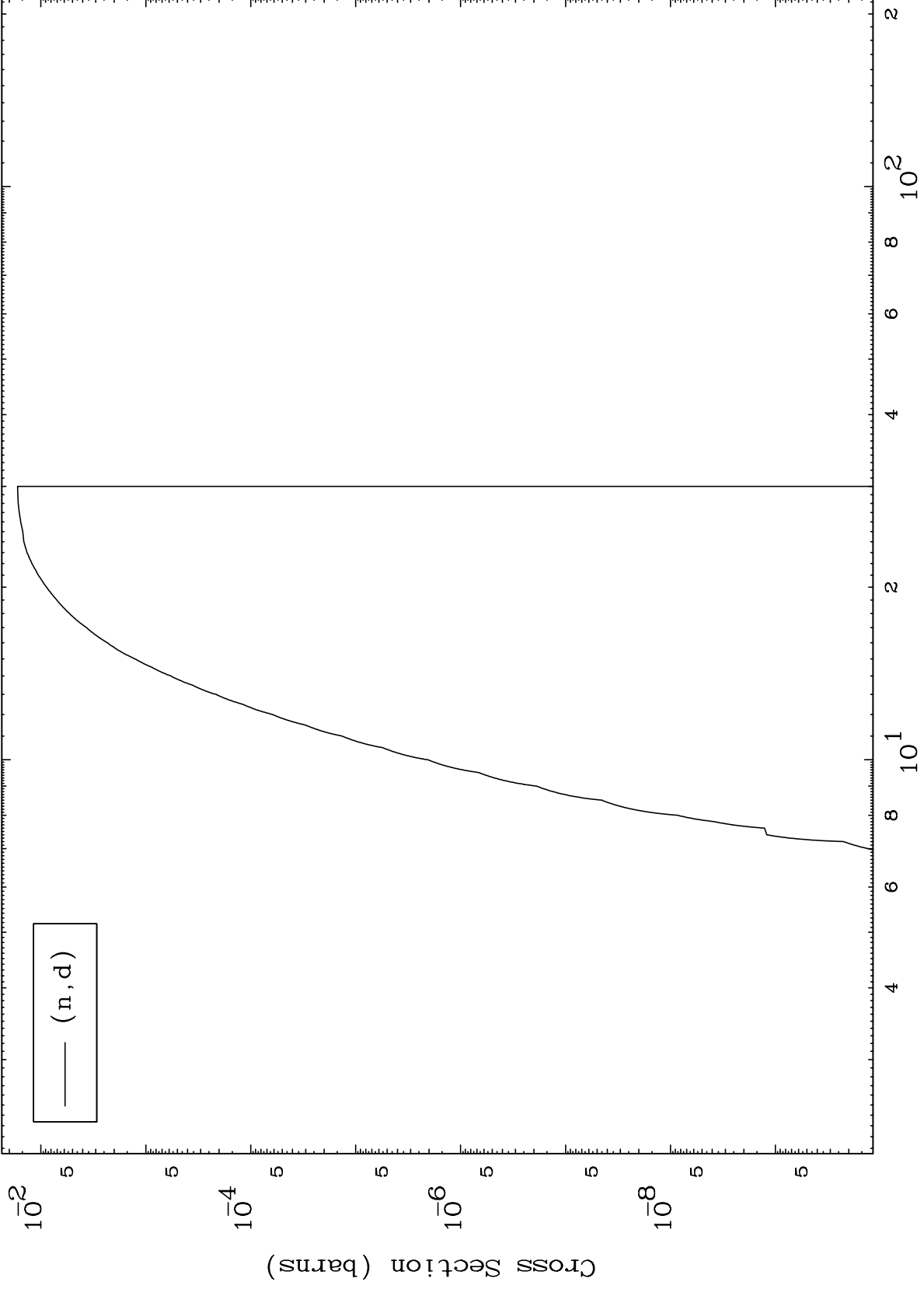
79-Au-193



MAT 7913

(n,d) Levels  
293 Kelvin Cross Sections

79-Au-193



12

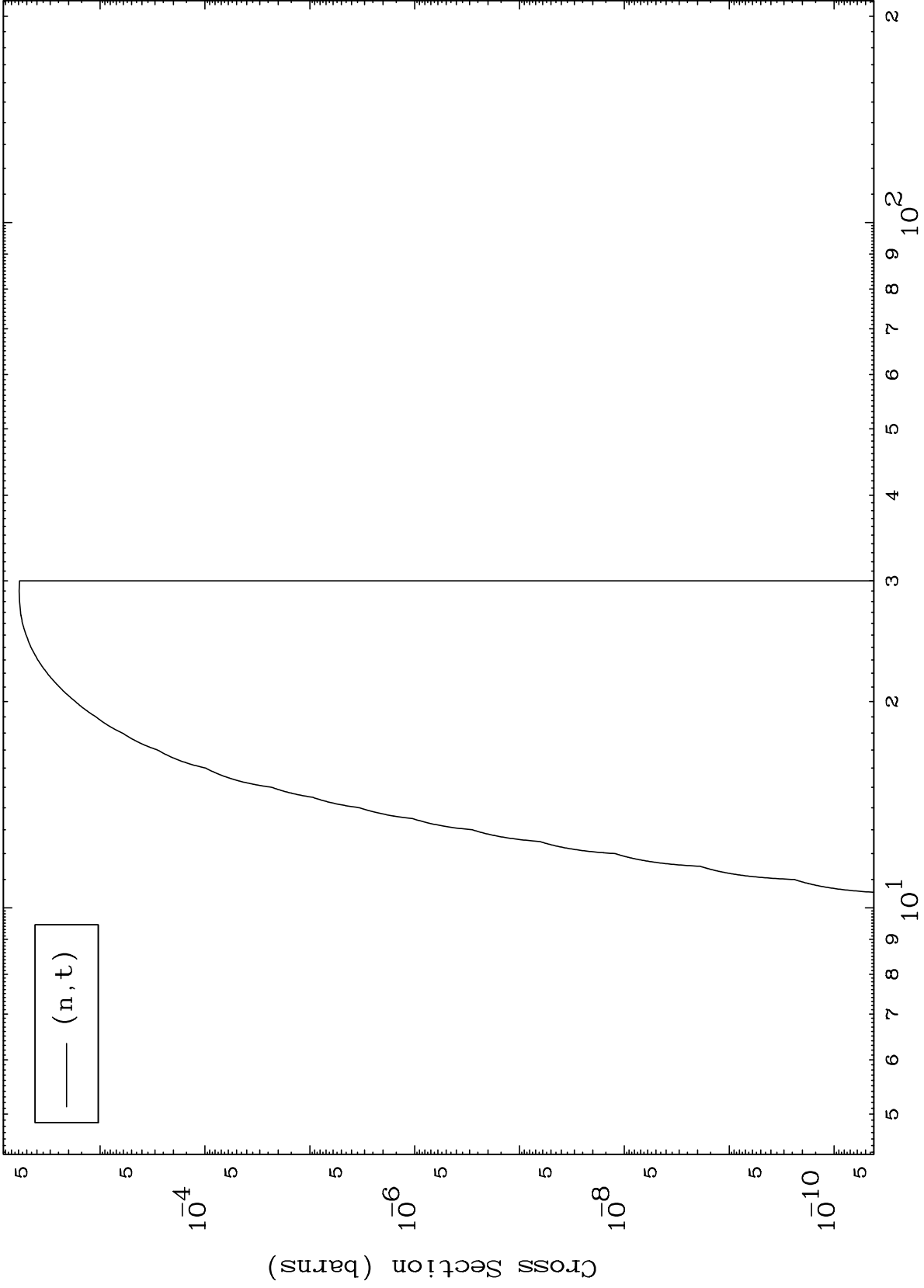
Incident Energy (MeV)

79-Au-193

MAT 7913

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-193



13

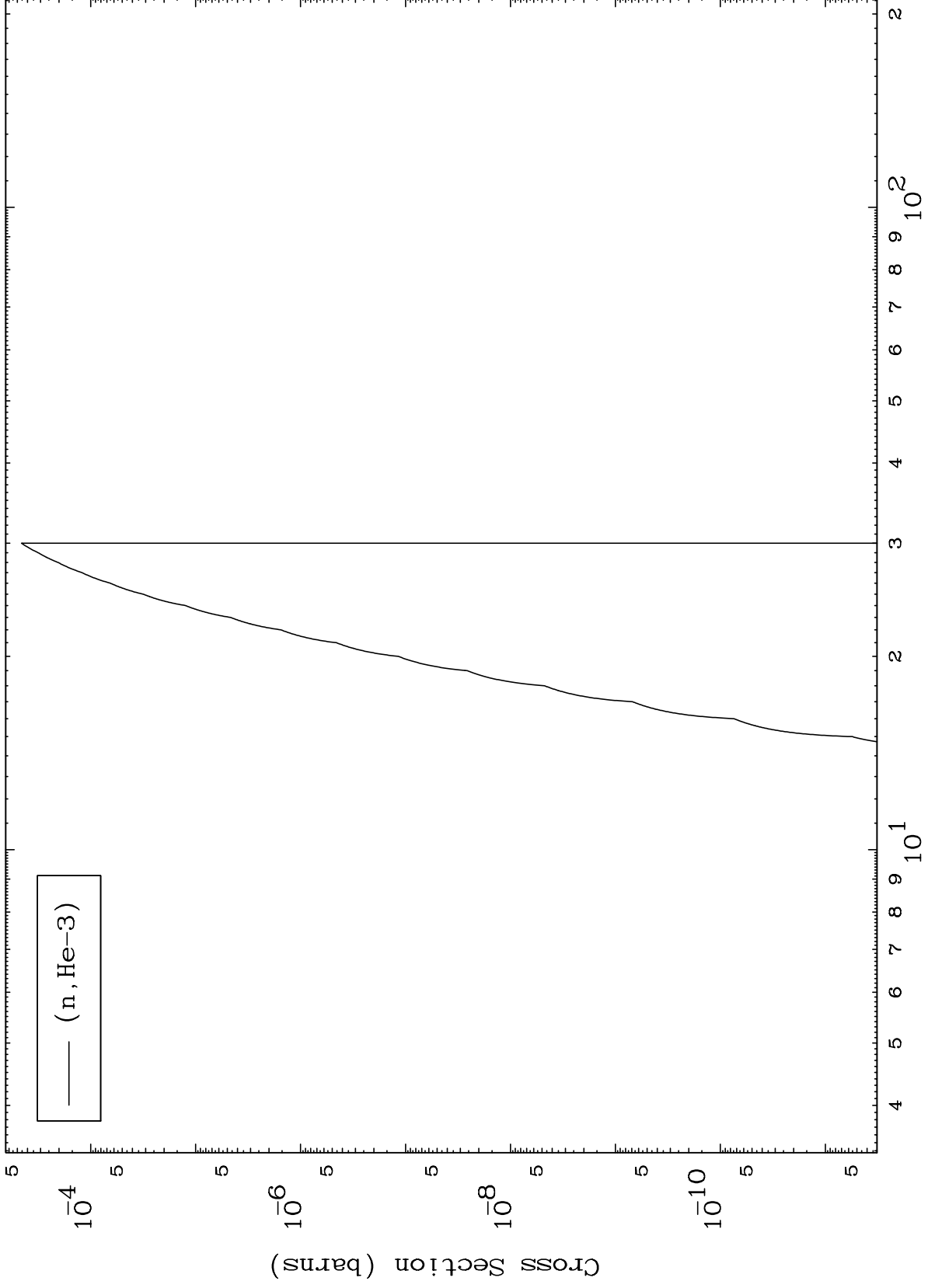
Incident Energy (MeV)

79-Au-193

MAT 7913

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-193



14

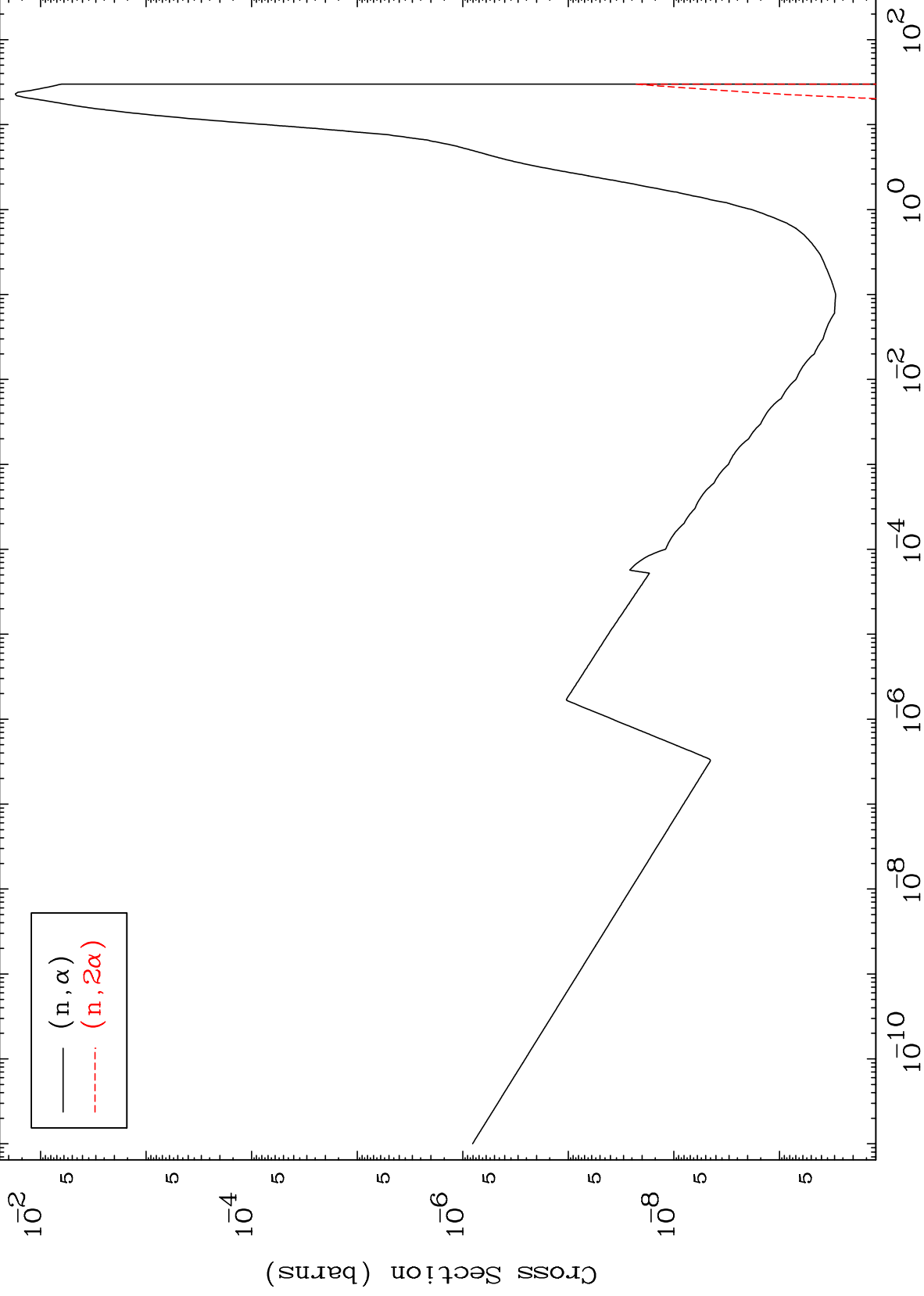
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



15

Incident Energy (MeV)

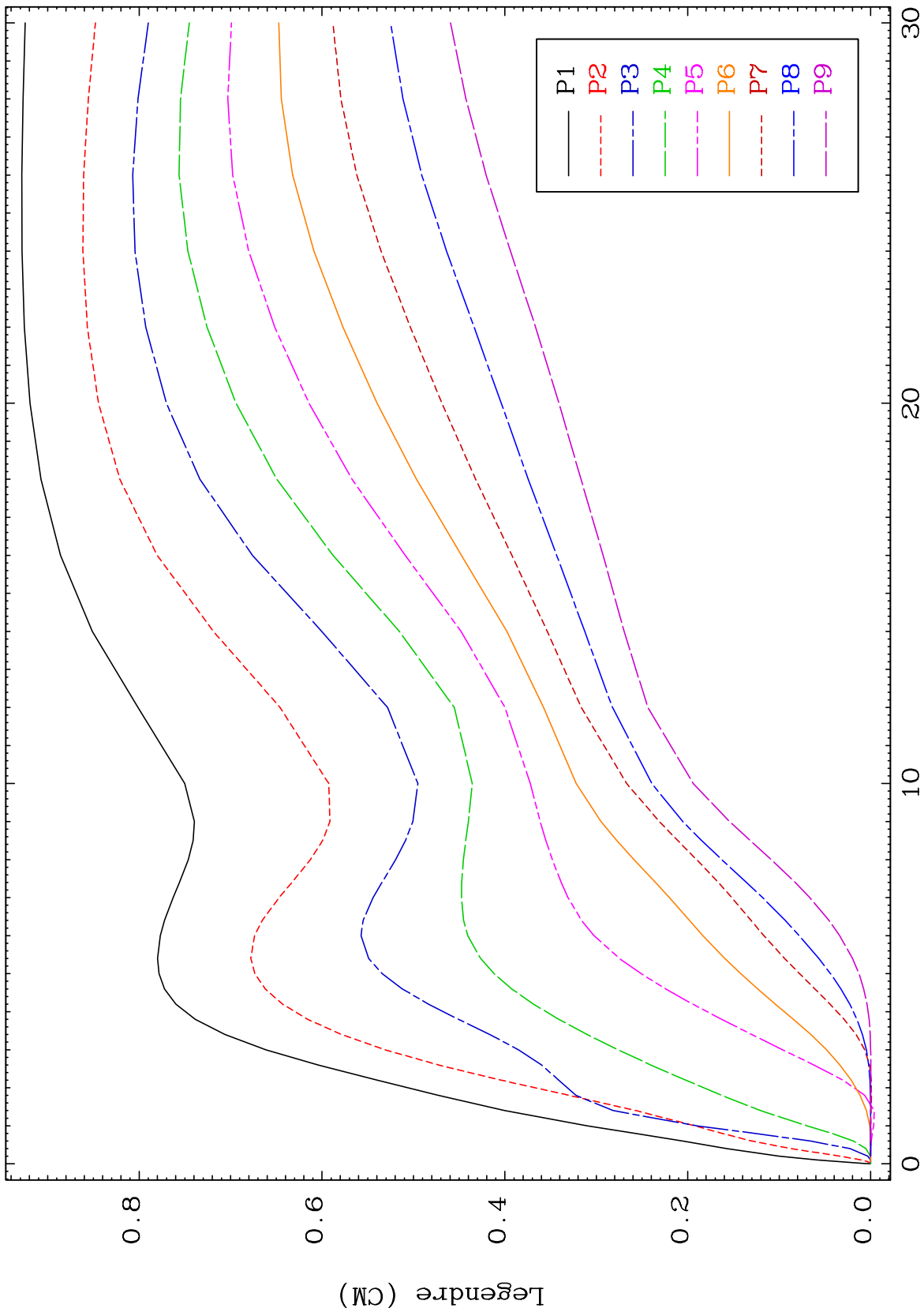
79-Au-193



MAT 7913

79-Au-193

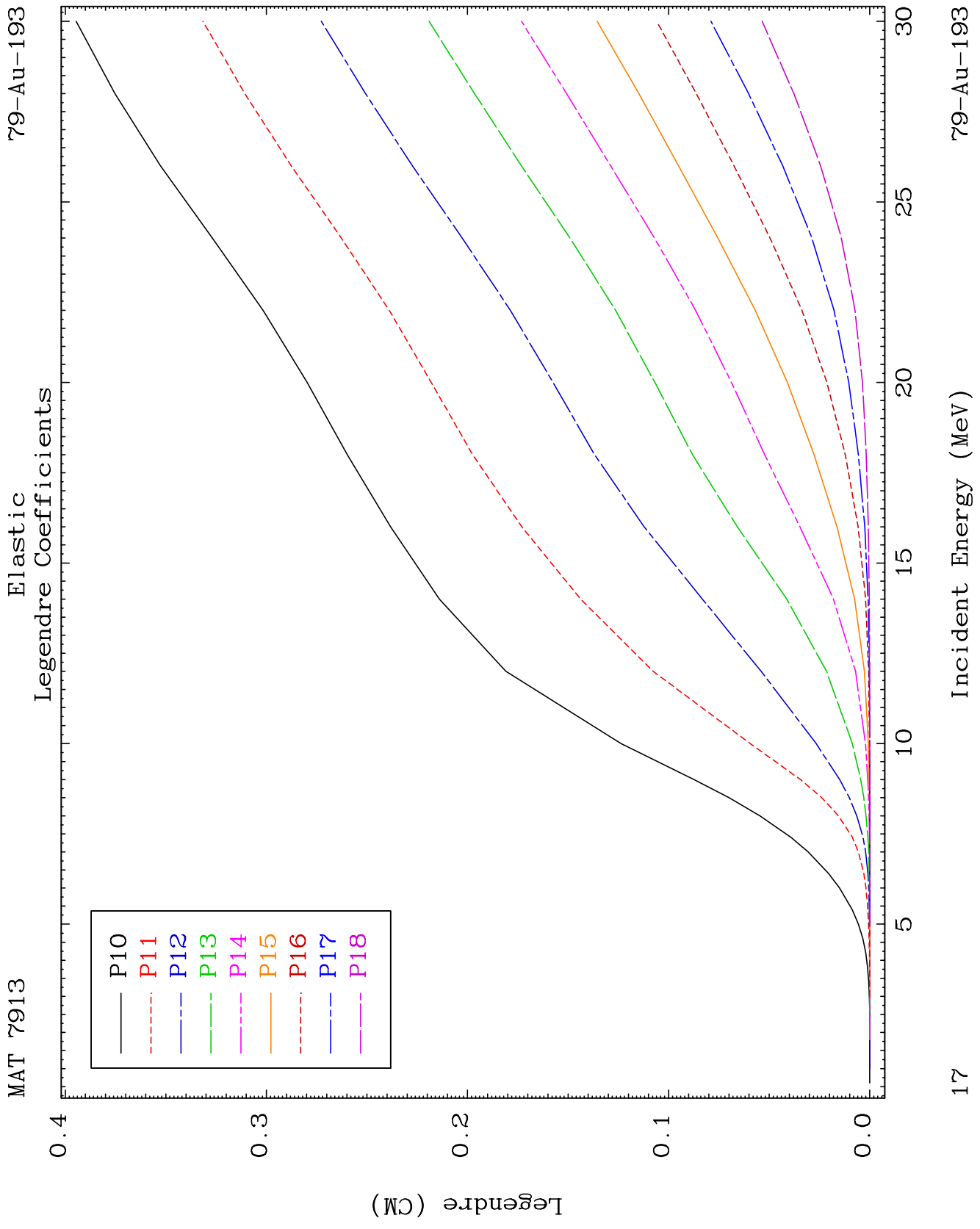
Elastic Legendre Coefficients



79-Au-193

Incident Energy (MeV)

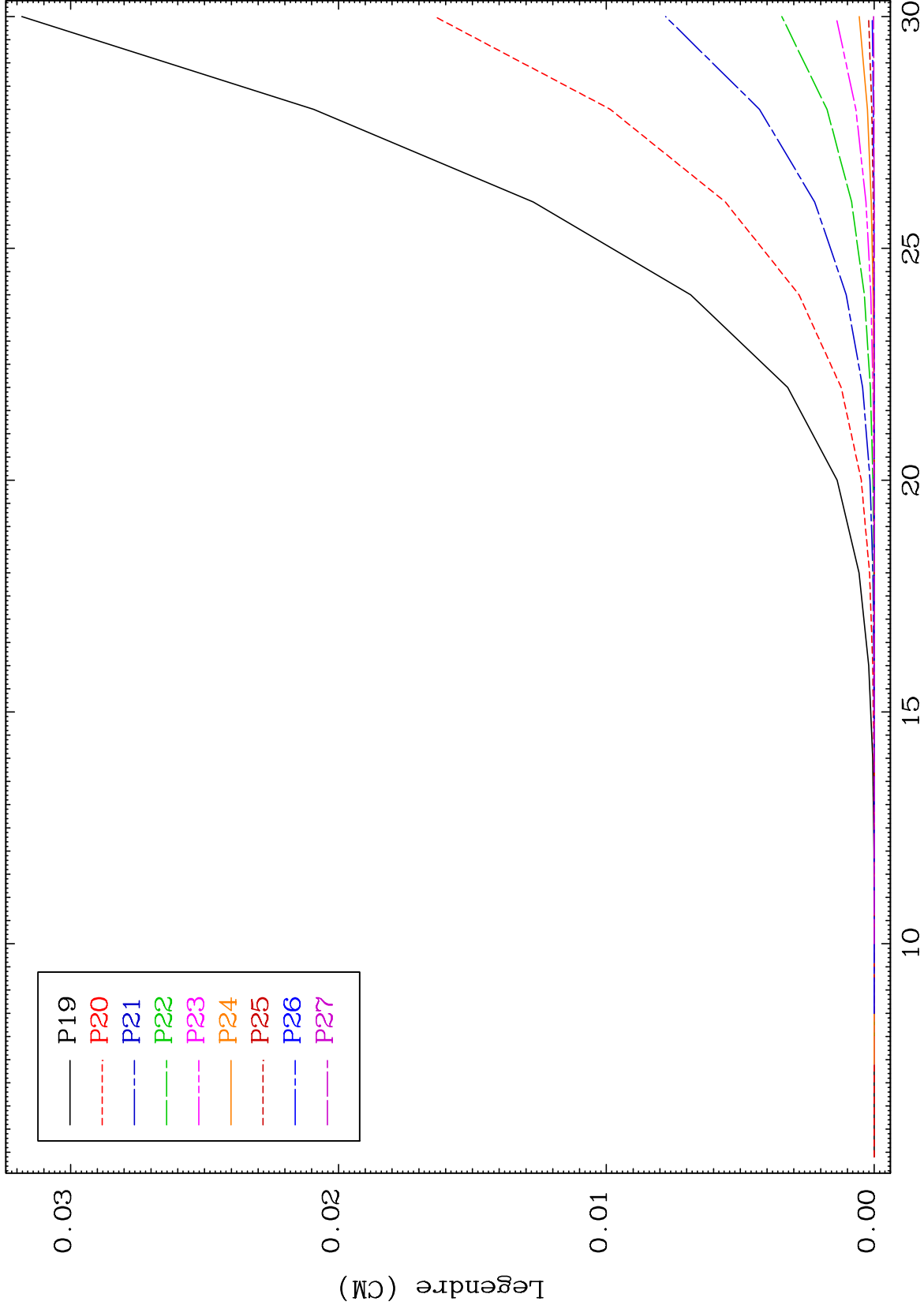
16



MAT 7913

Elastic Legendre Coefficients

79-Au-193



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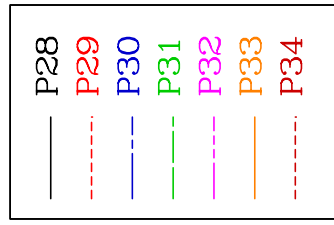
Incident Energy (MeV)

79-Au-193

MAT 7913

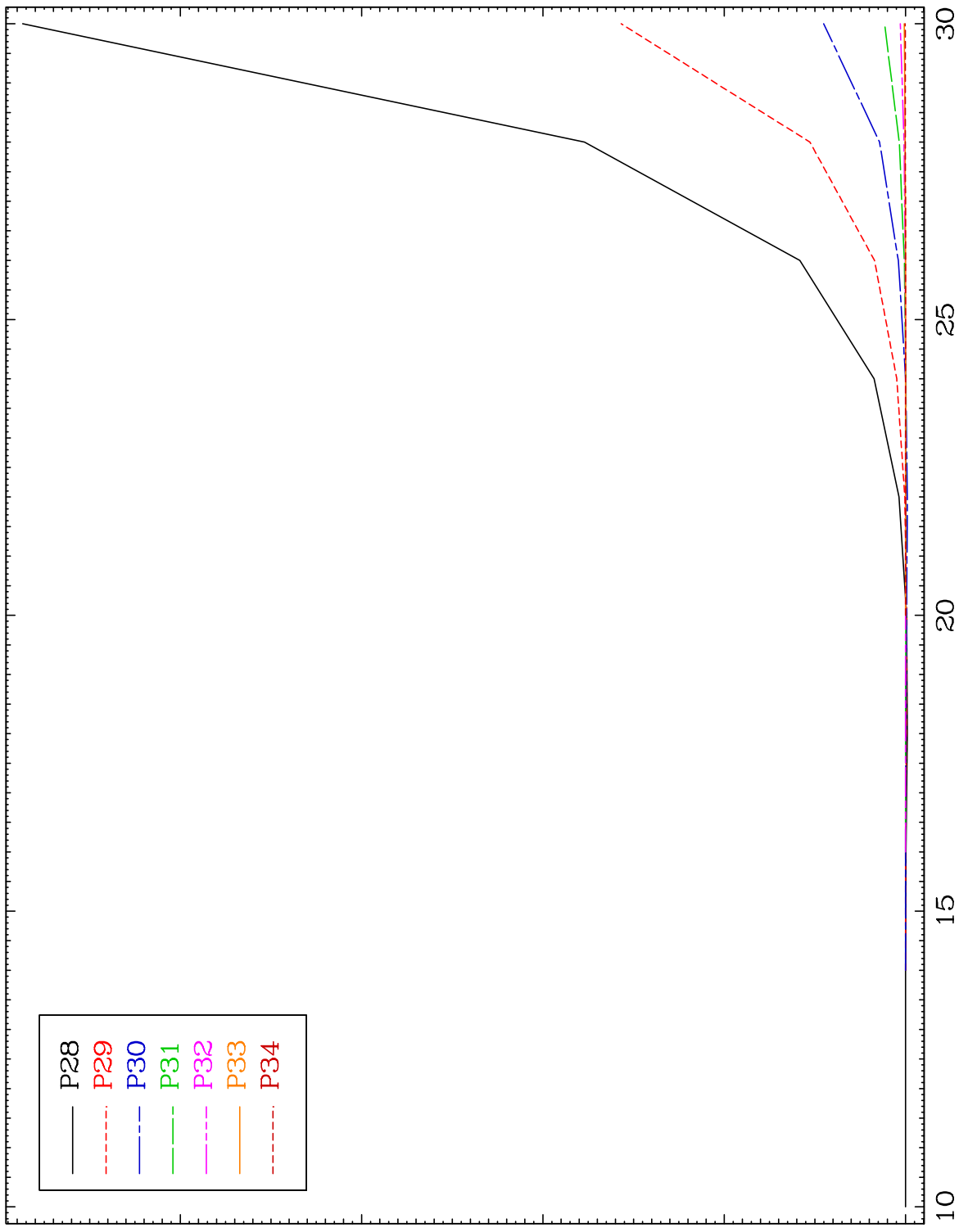
Elastic  
Legendre Coefficients

79-Au-193



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

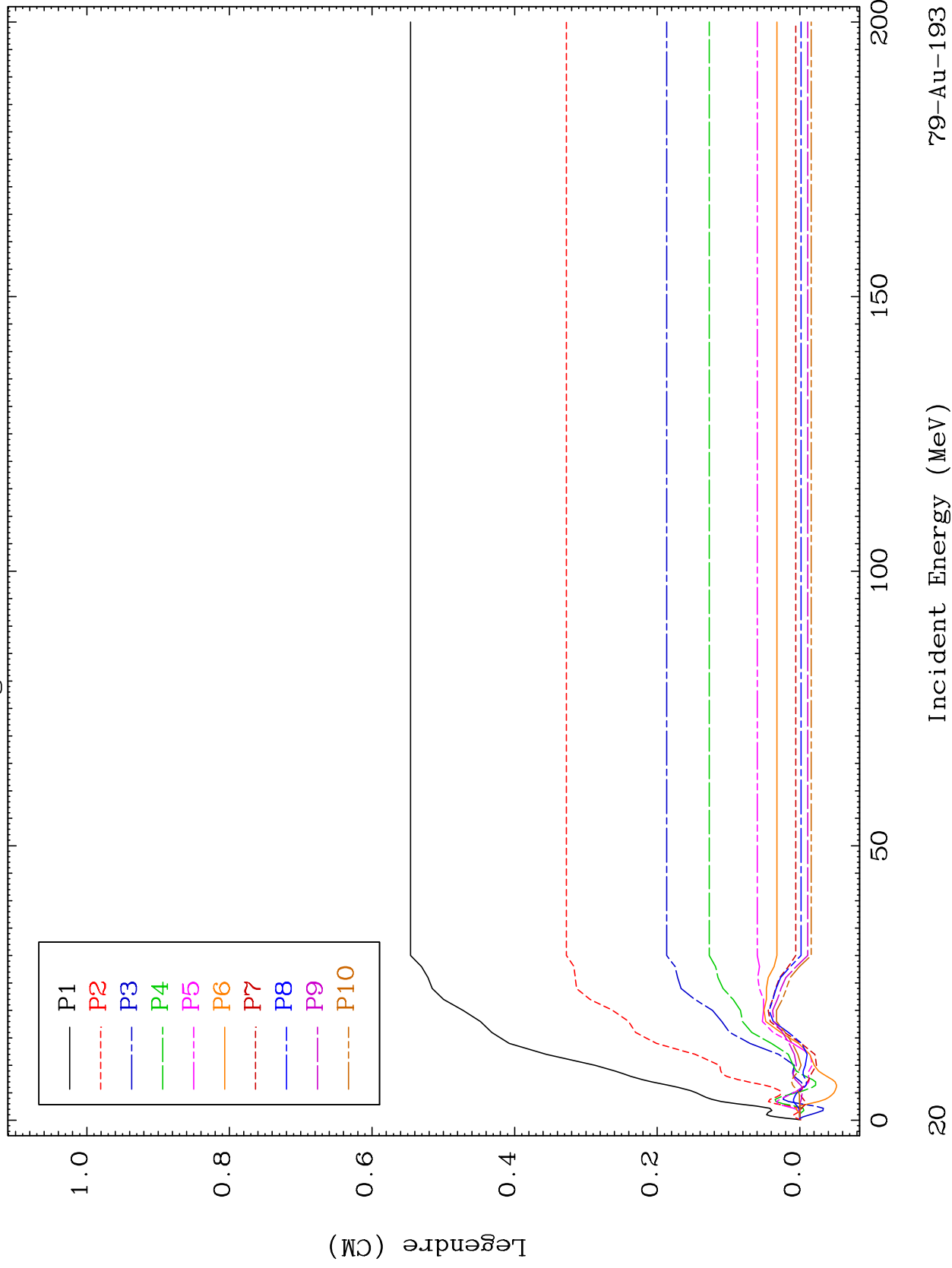
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



79-Au-193

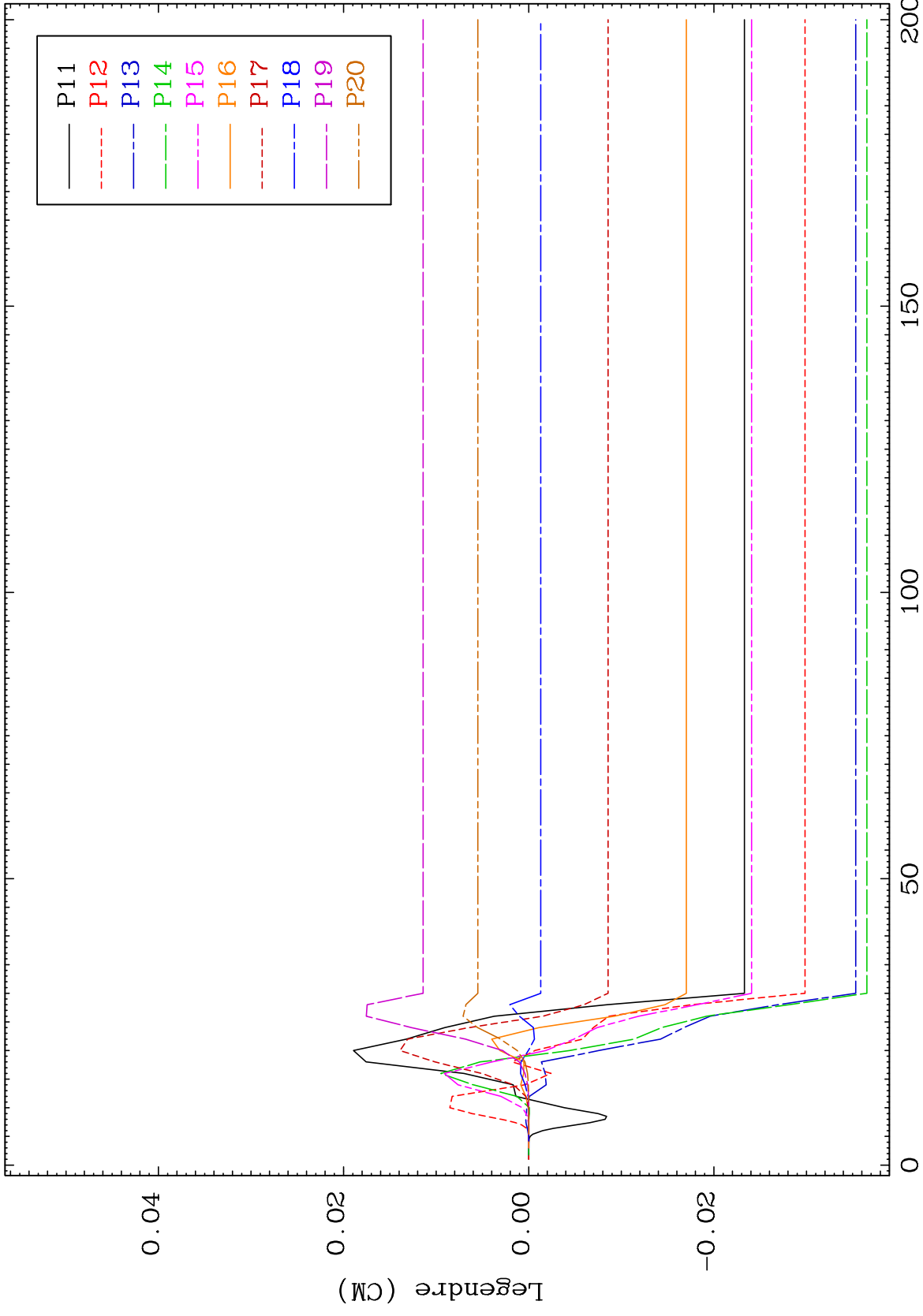
Incident Energy (MeV)

20

MAT 7913

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

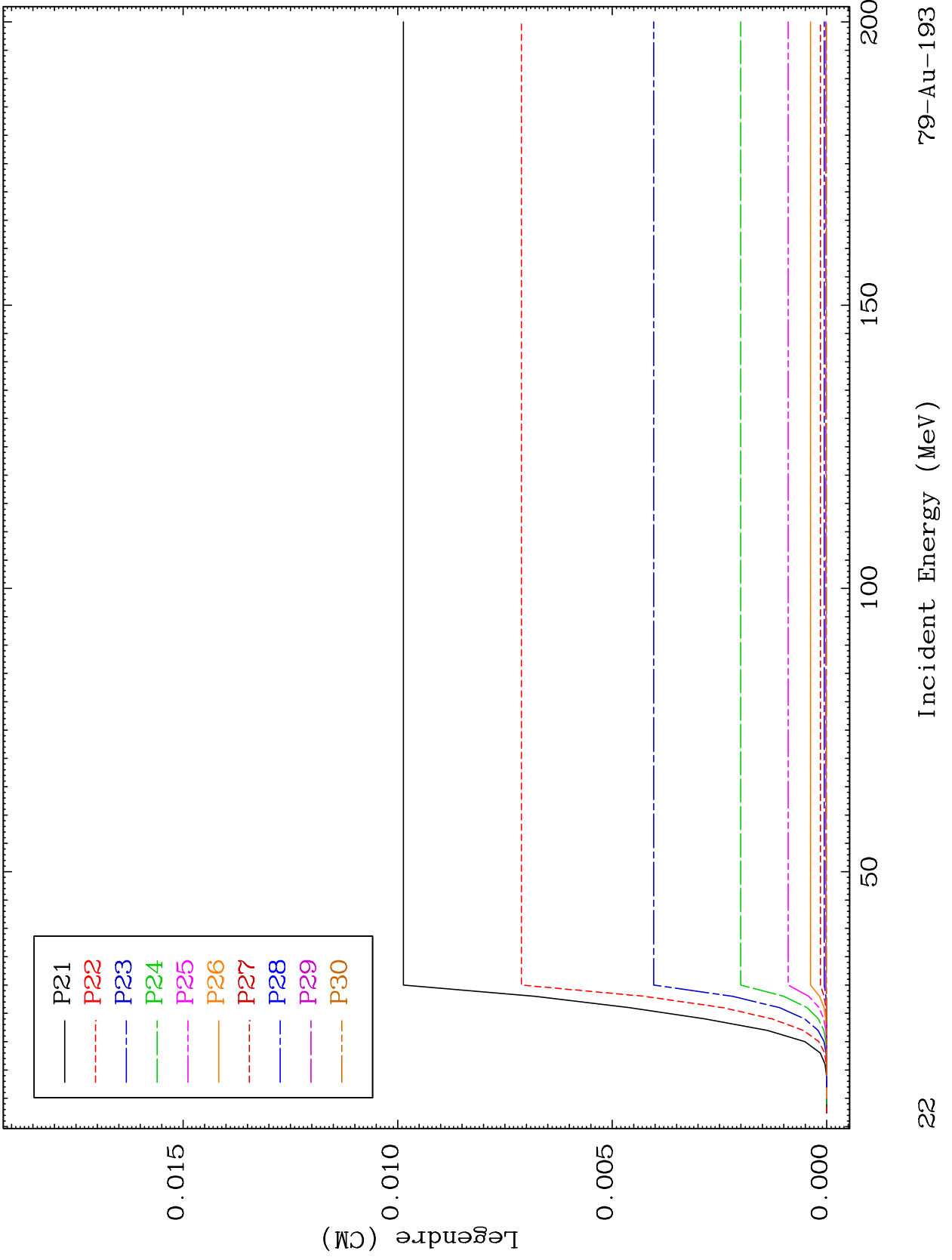
79-Au-193

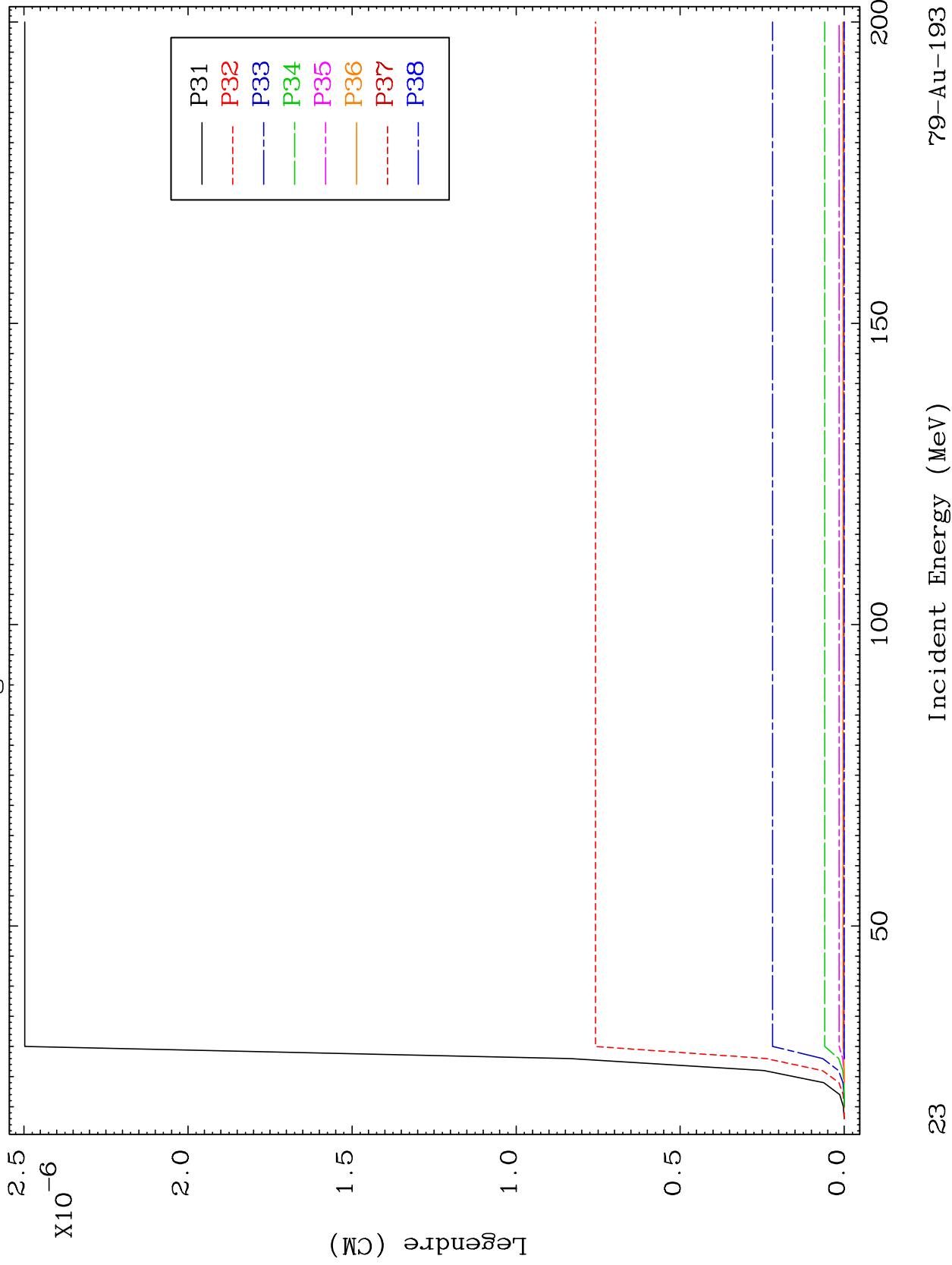


21

Incident Energy (MeV)

79-Au-193



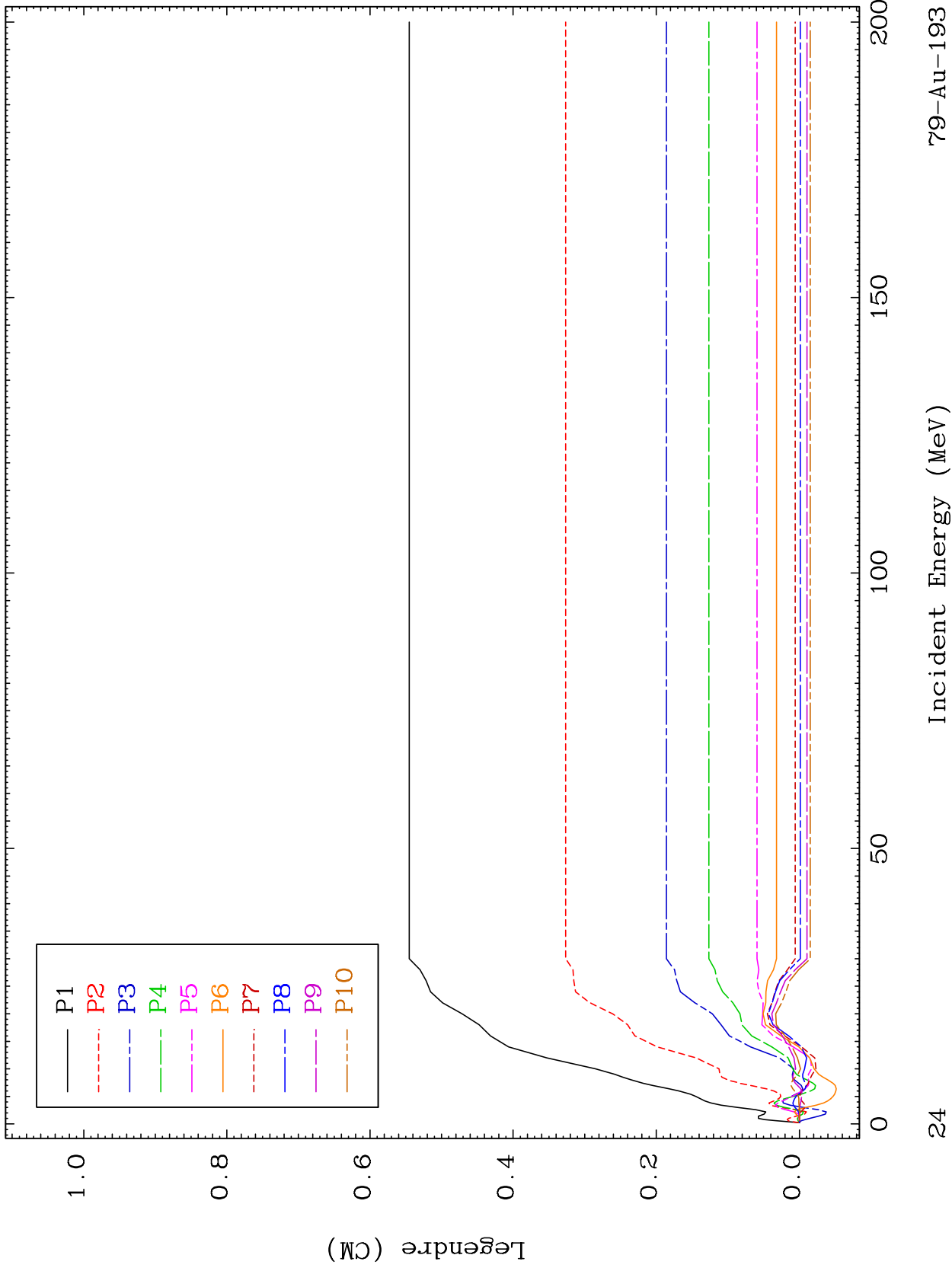




MAT 7913

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

79-Au-193



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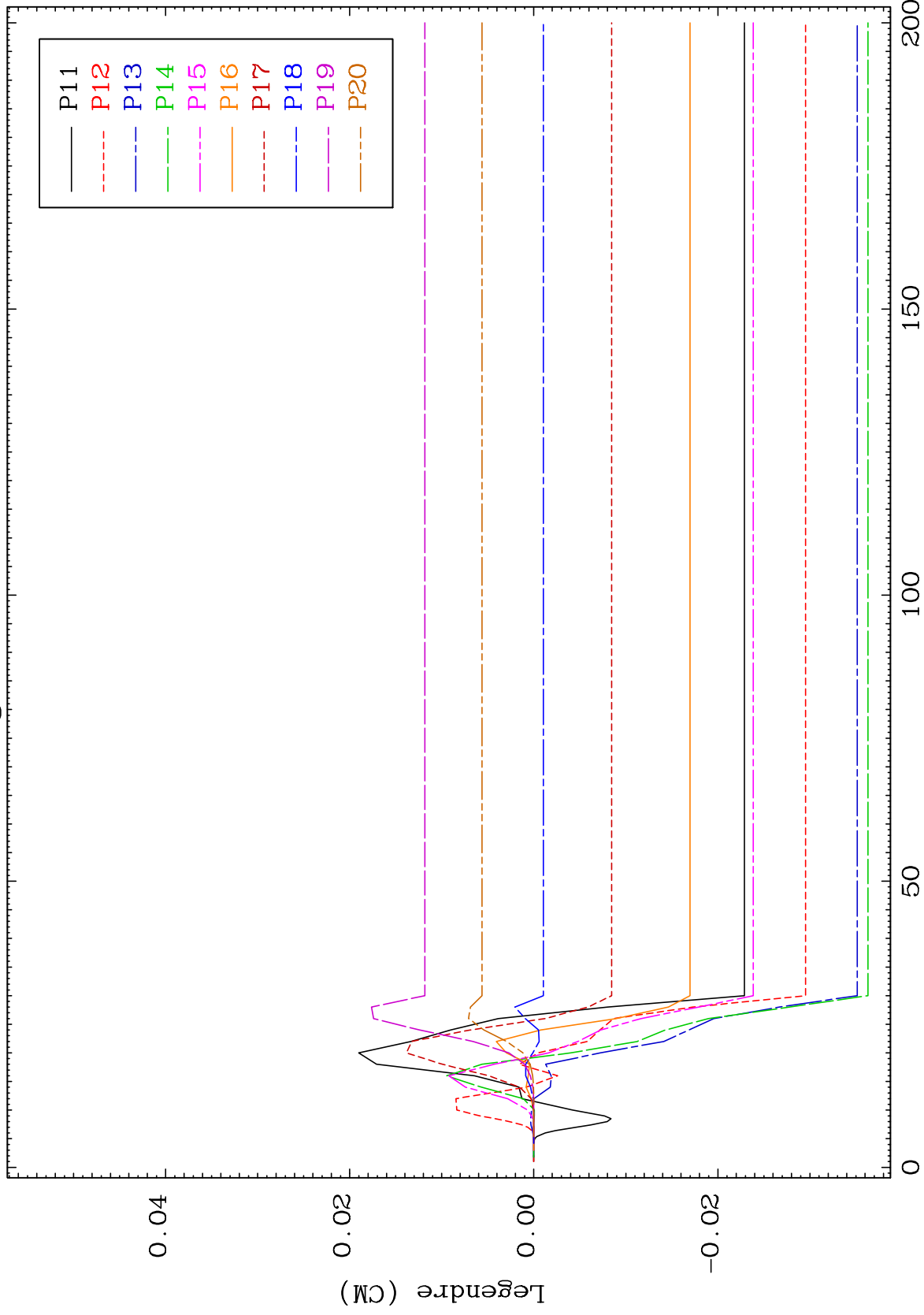
Incident Energy (MeV)

79-Au-193

MAT 7913

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

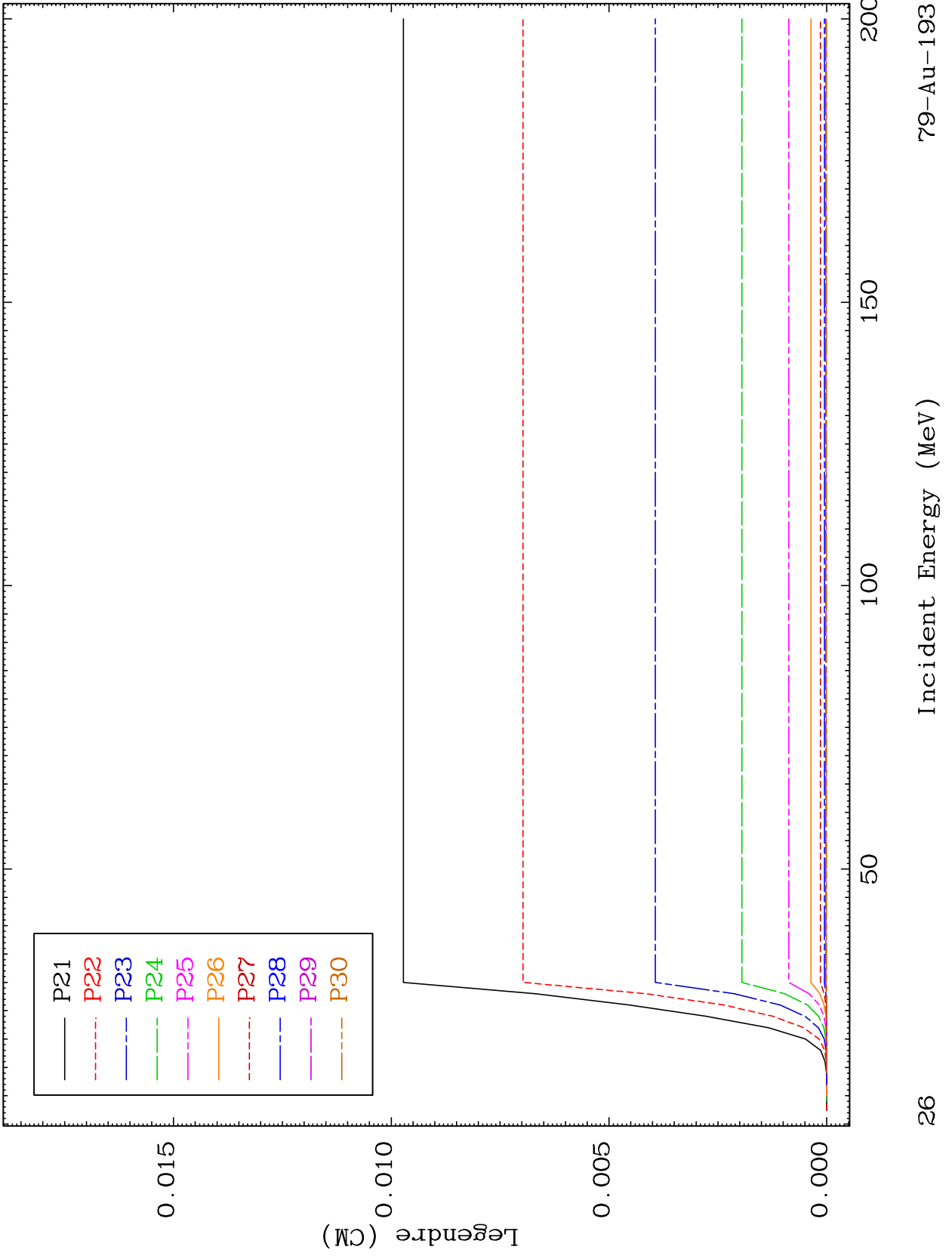
79-Au-193



25

Incident Energy (MeV)

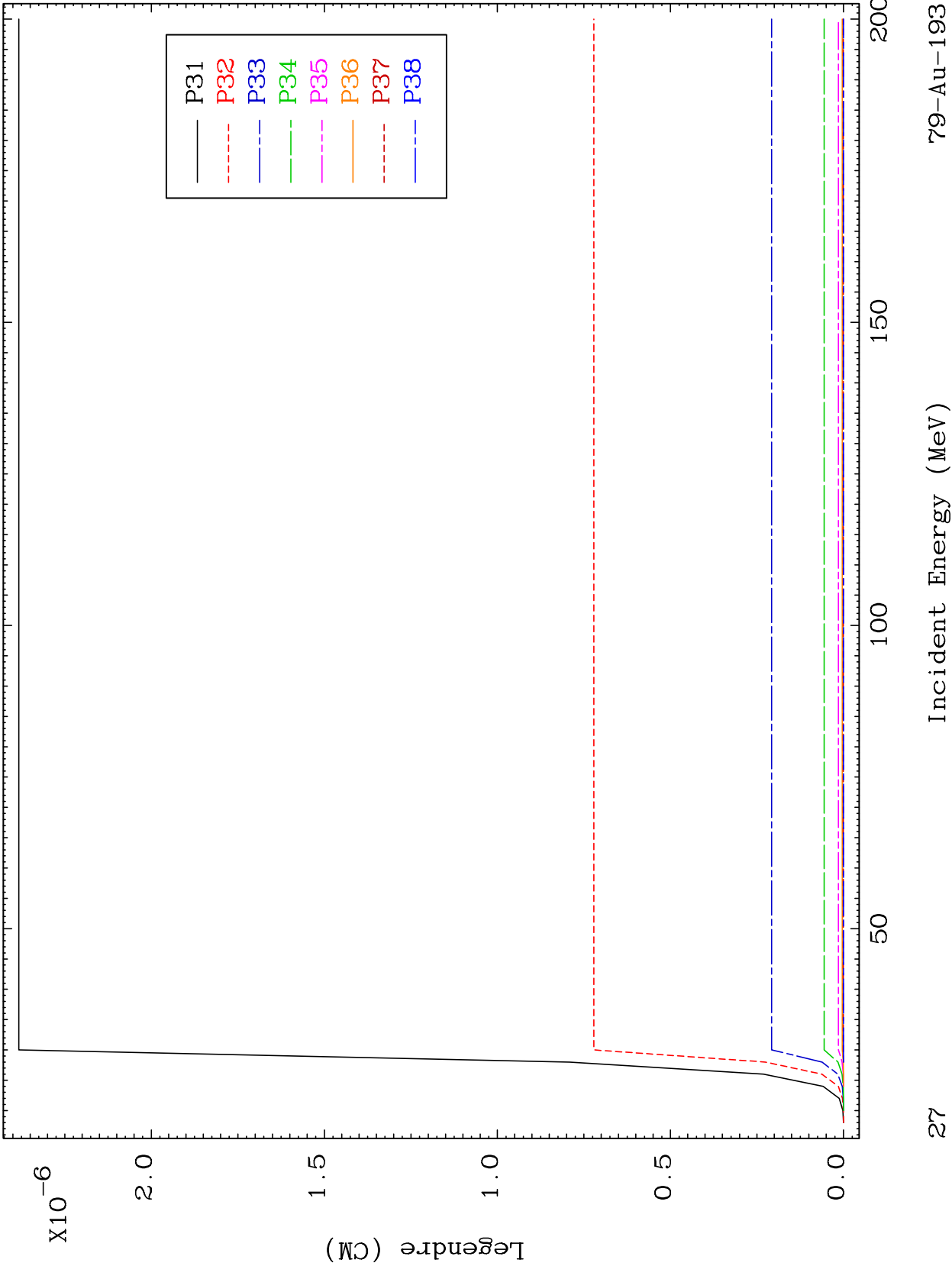
79-Au-193



MAT 7913

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

79-Au-193



27

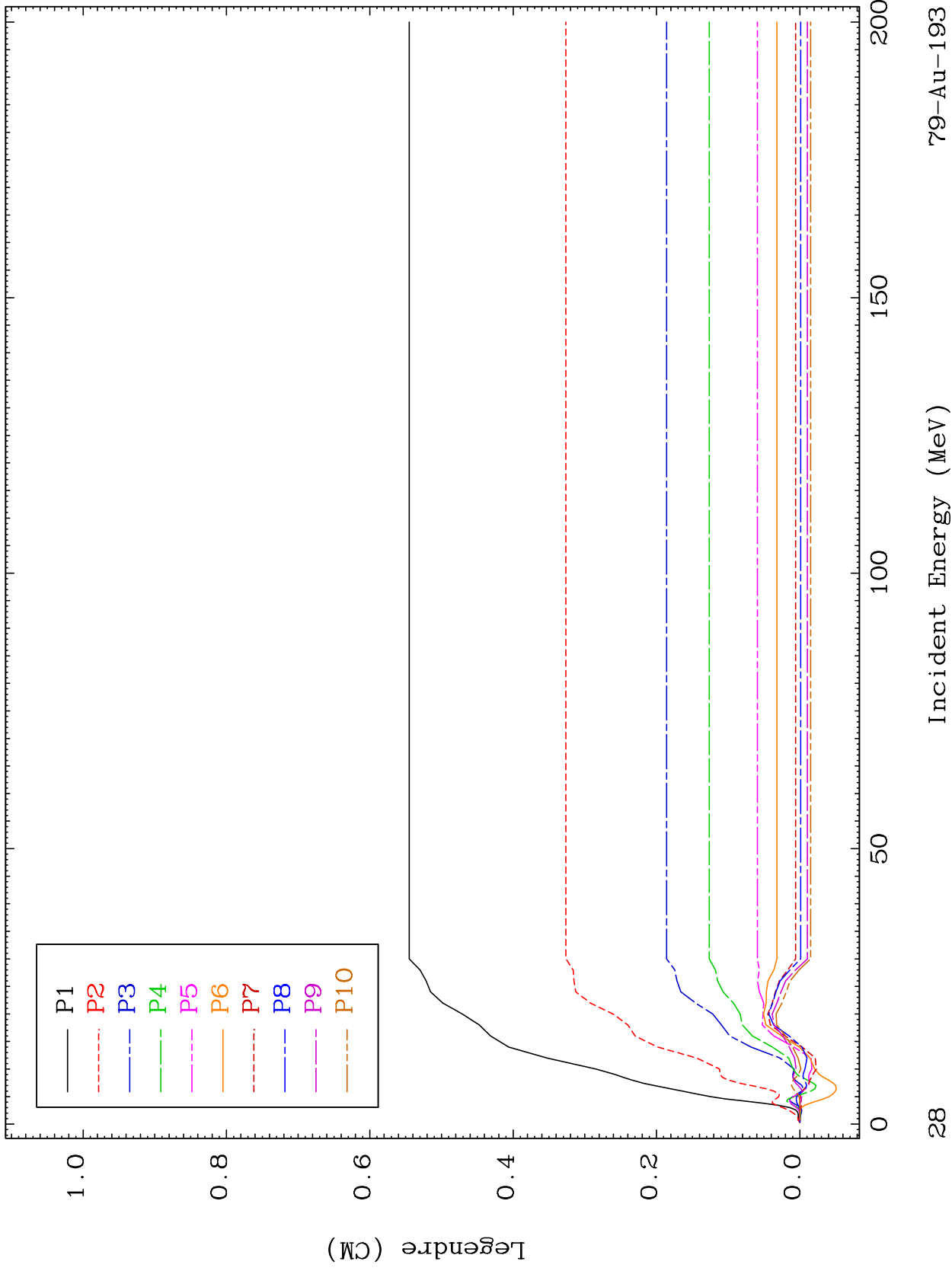
Incident Energy (MeV)

79-Au-193

MAT 7913

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

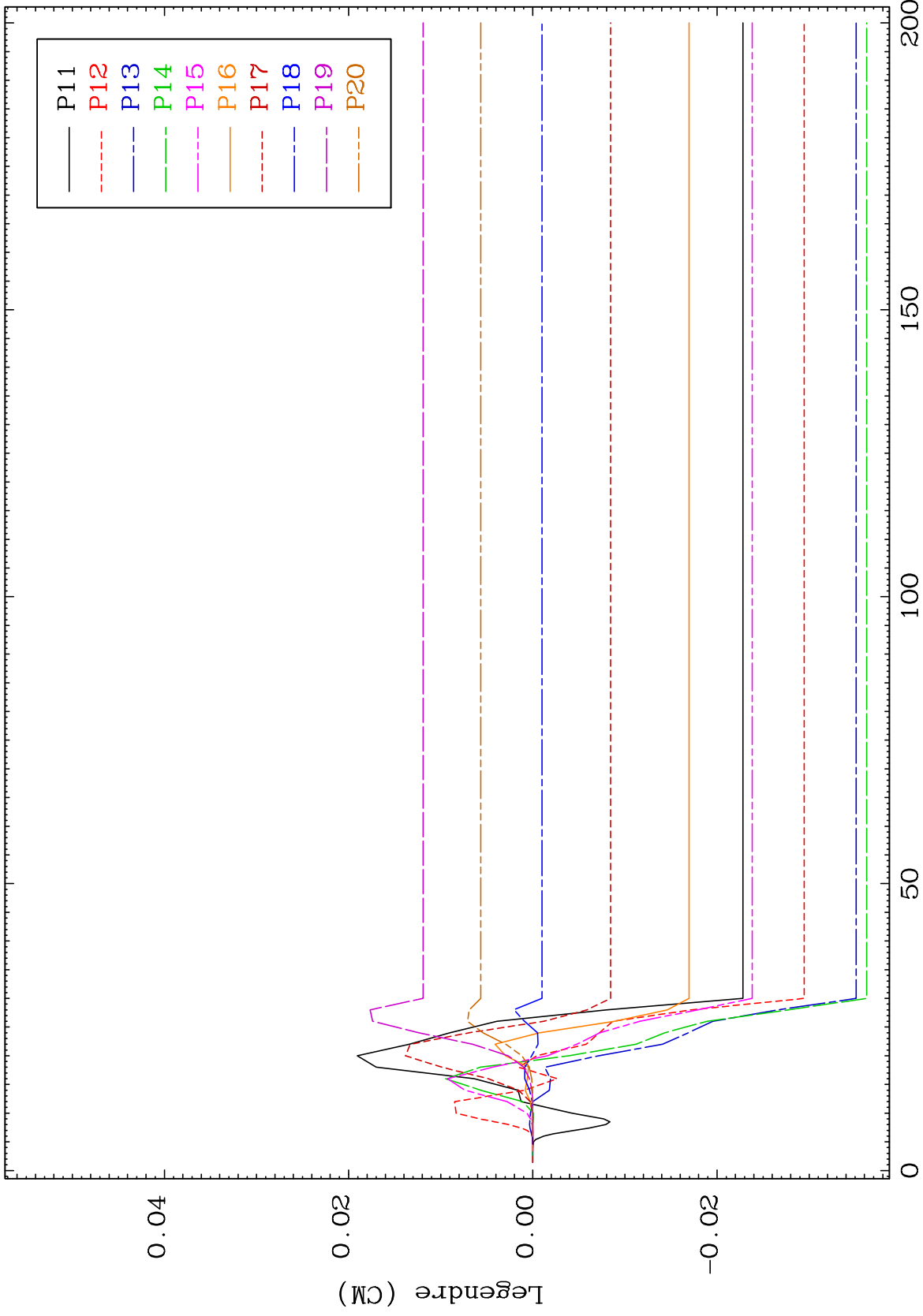
79-Au-193



MAT 7913

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

79-Au-193



29

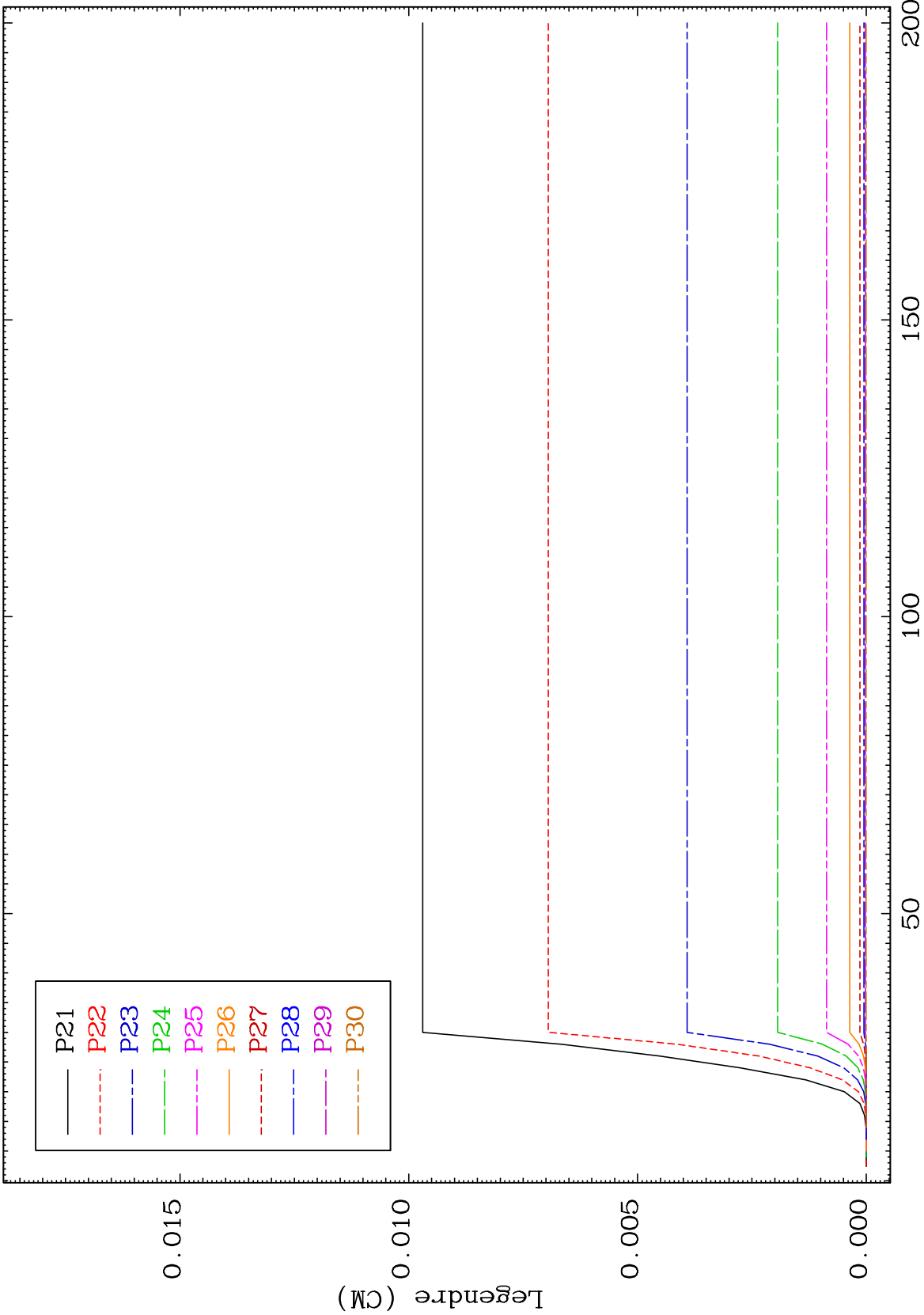
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



30

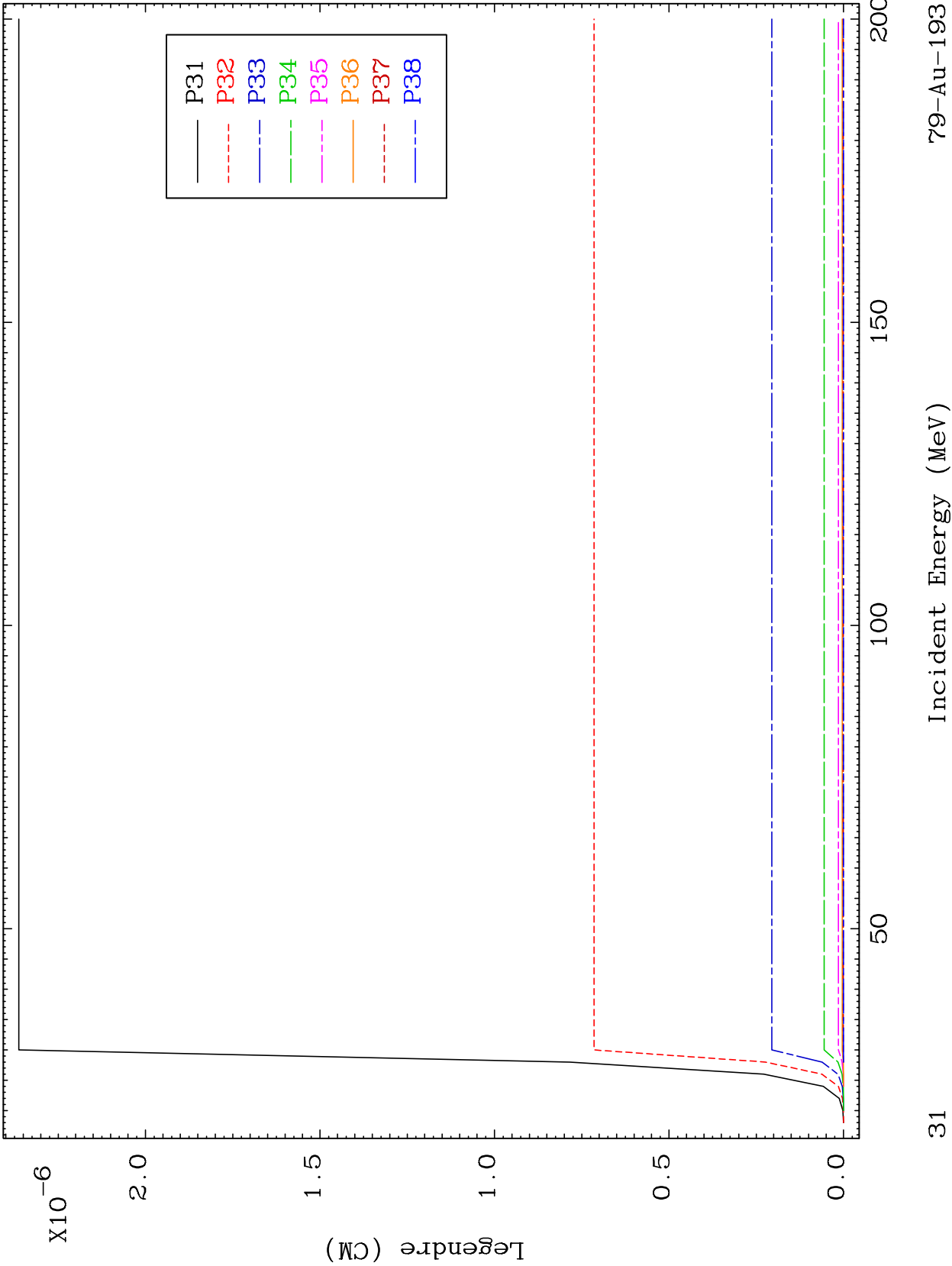
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193

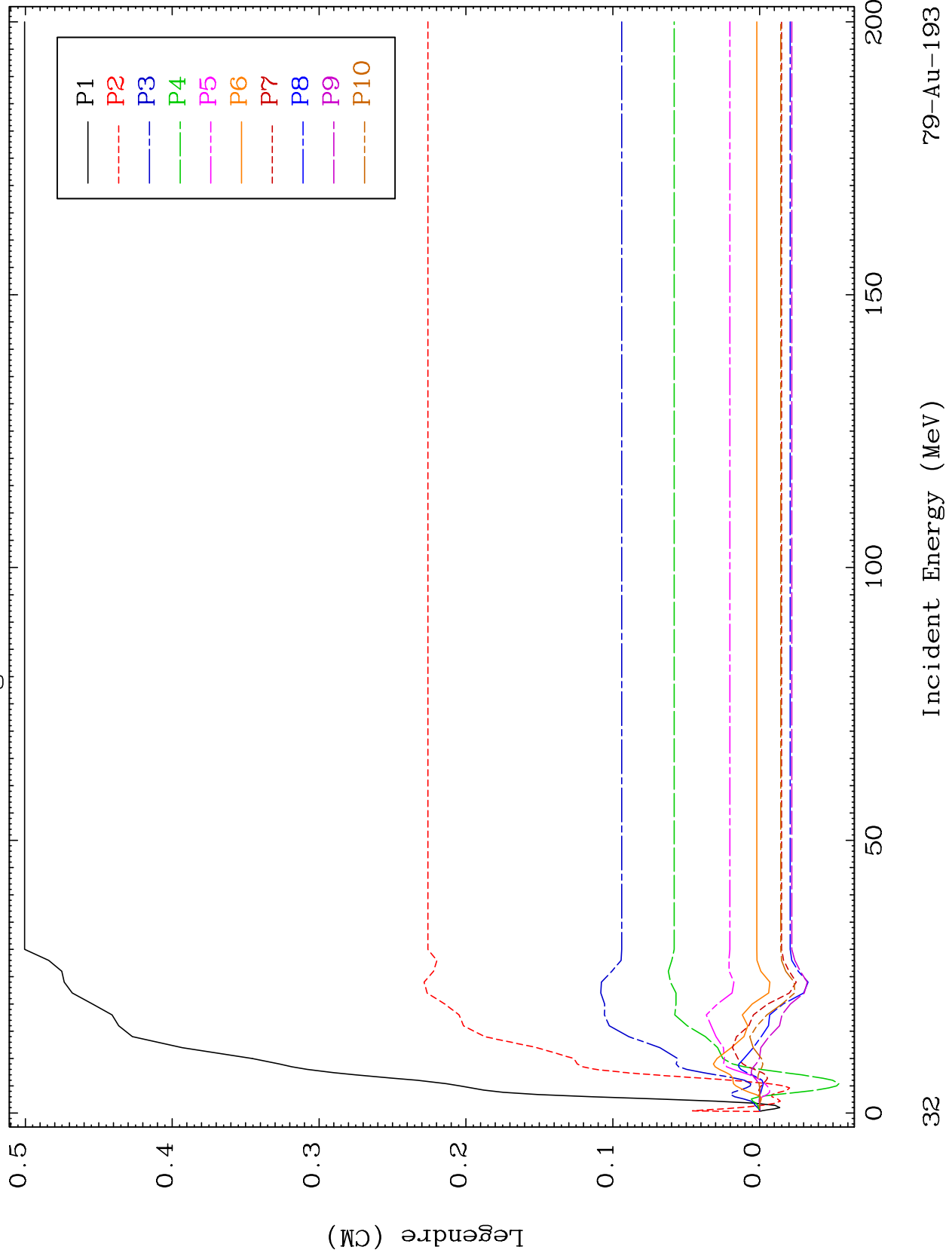




MAT 7913

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

79-Au-193



79-Au-193

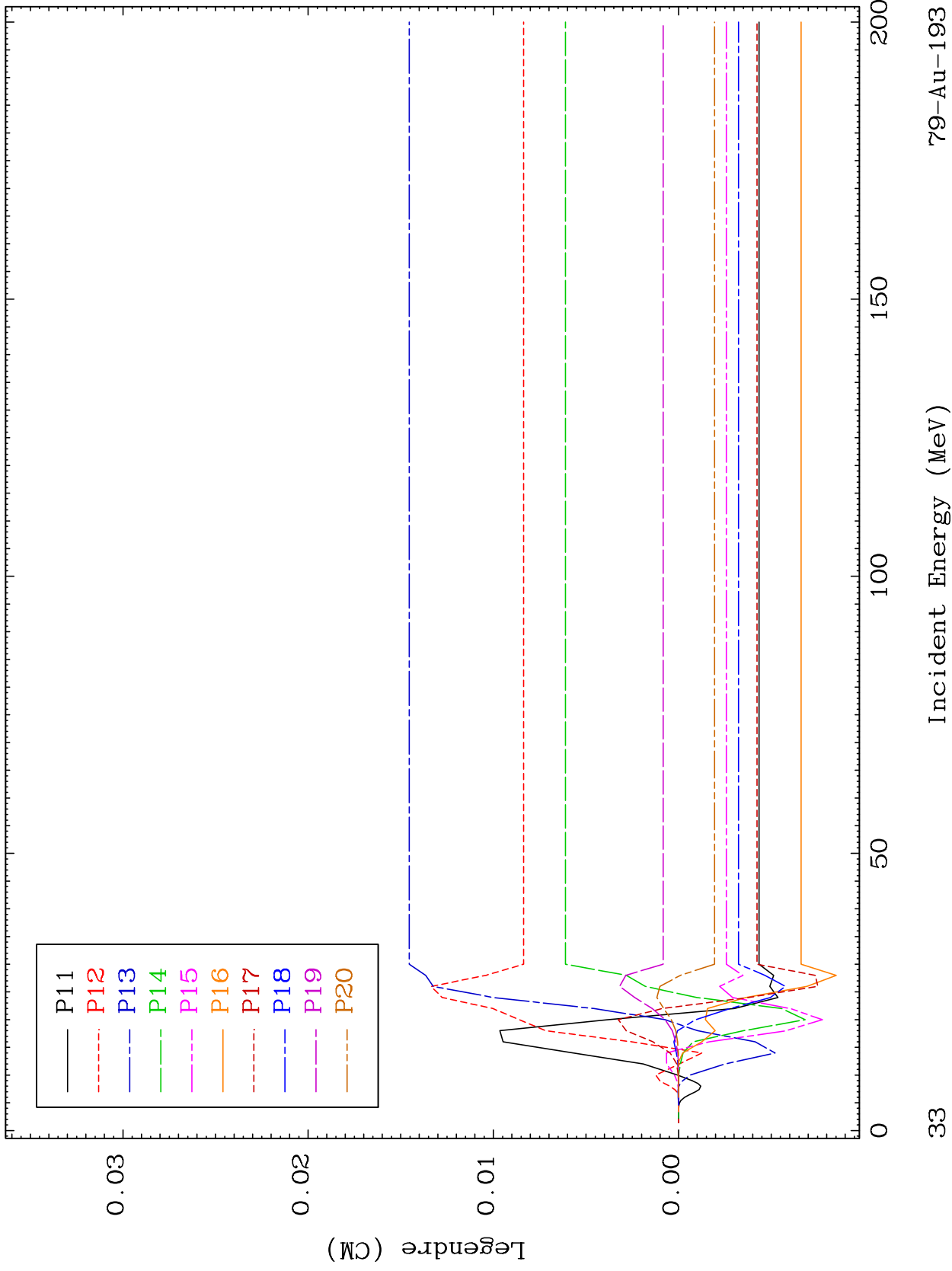
Incident Energy (MeV)

32

MAT 7913

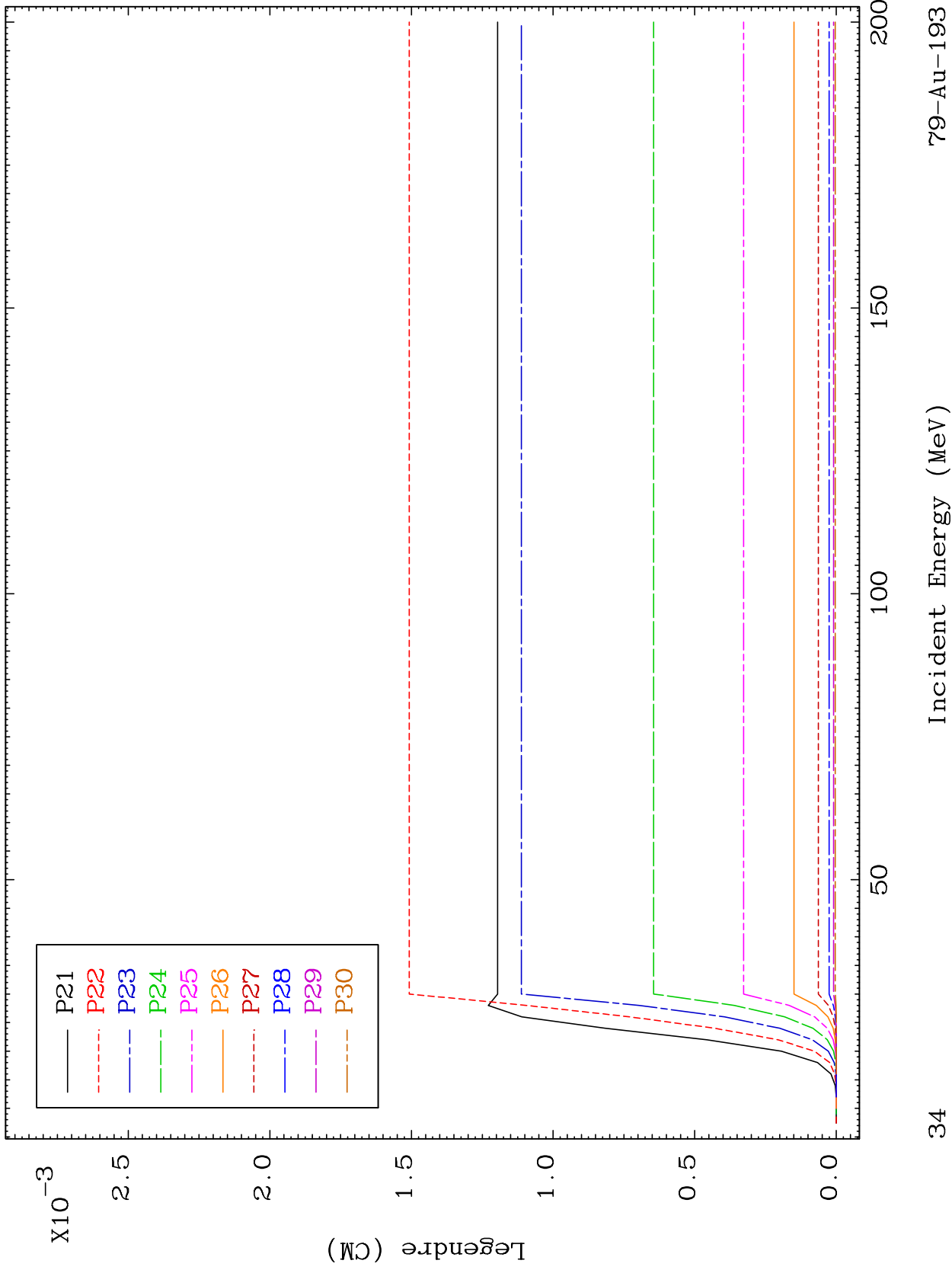
MT= 54 (n,n') Level  
Legendre Coefficients

79-Au-193



33

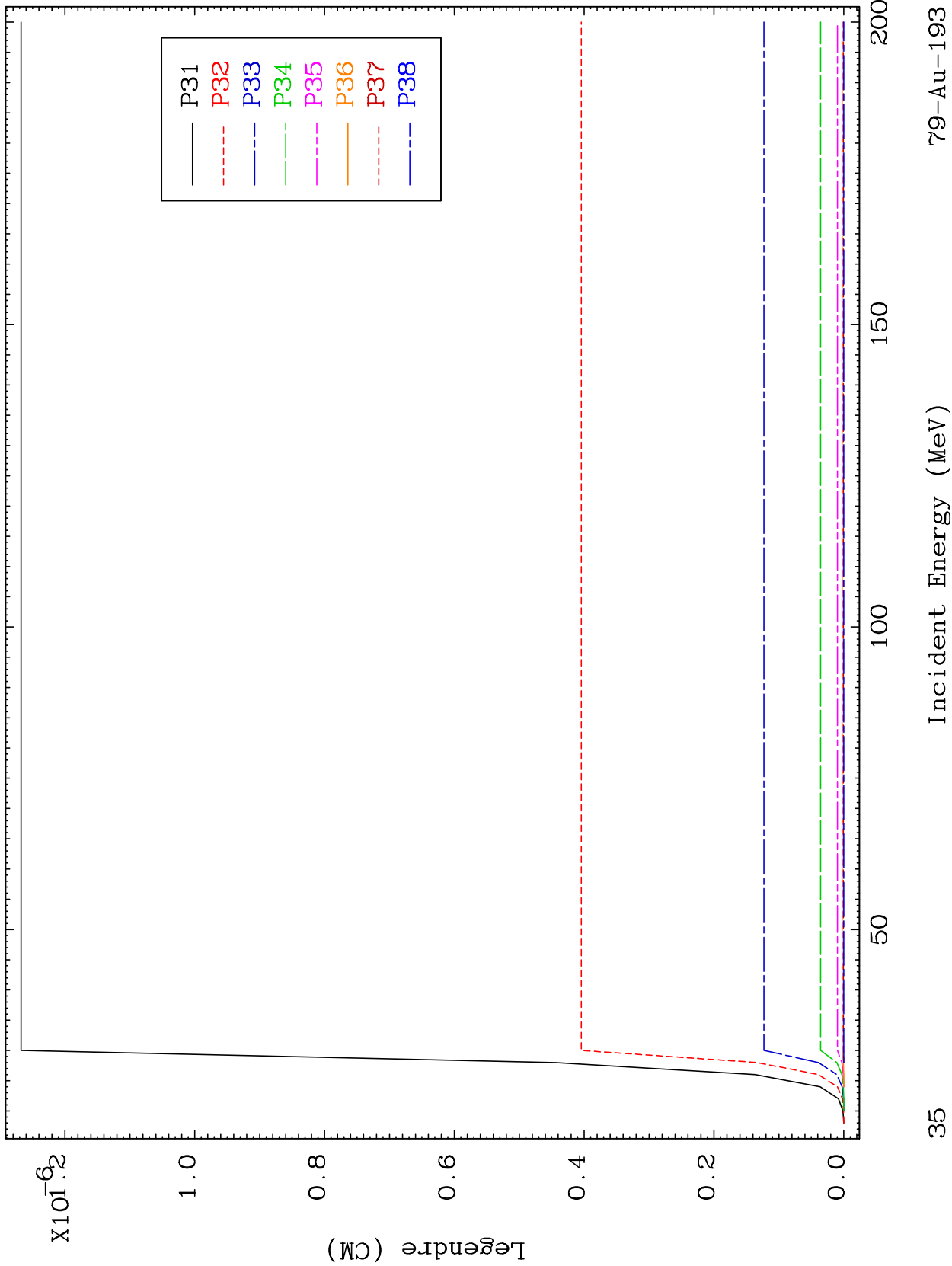
79-Au-193



MAT 7913

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

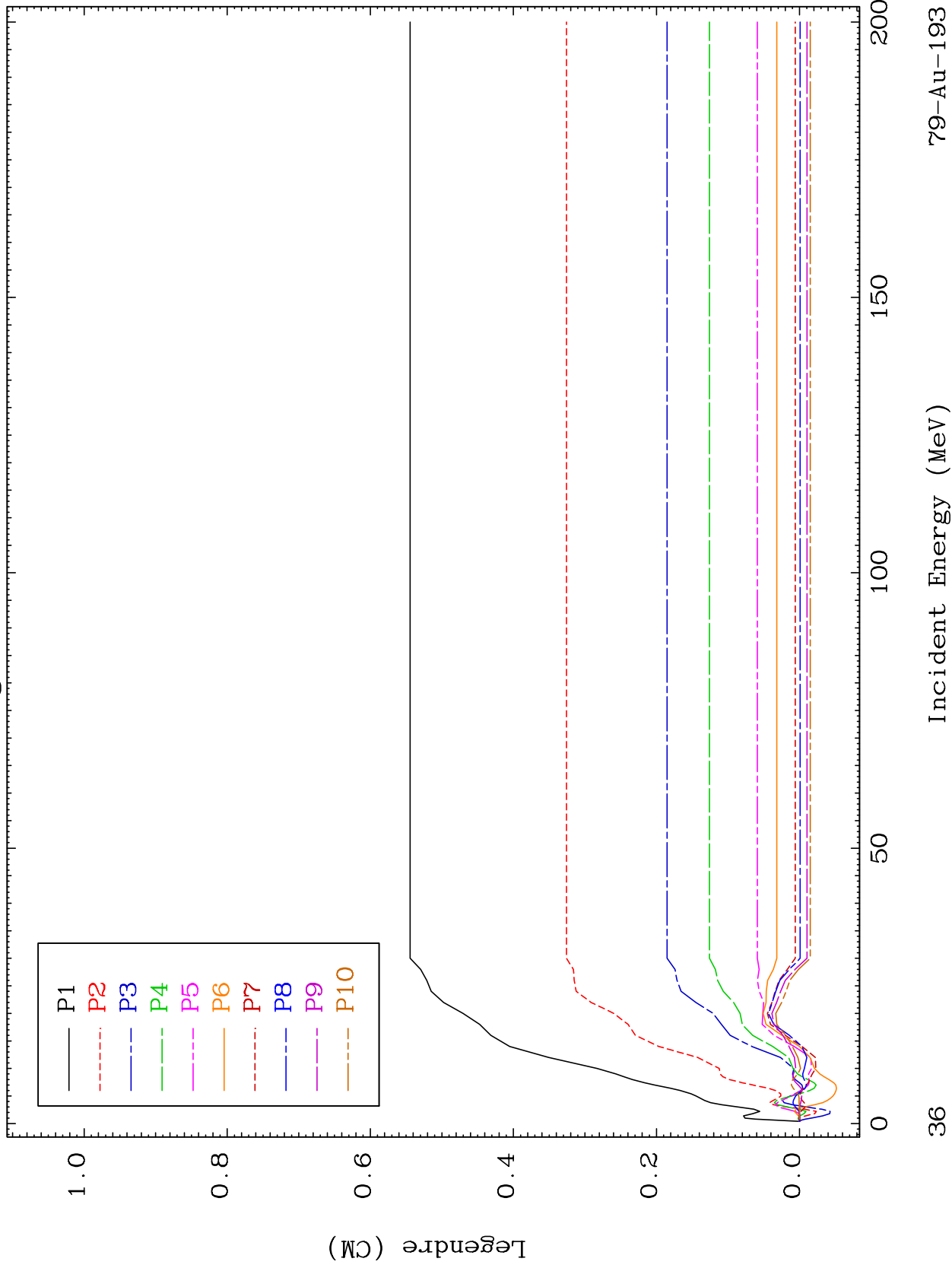
79-Au-193



35

Incident Energy (MeV)

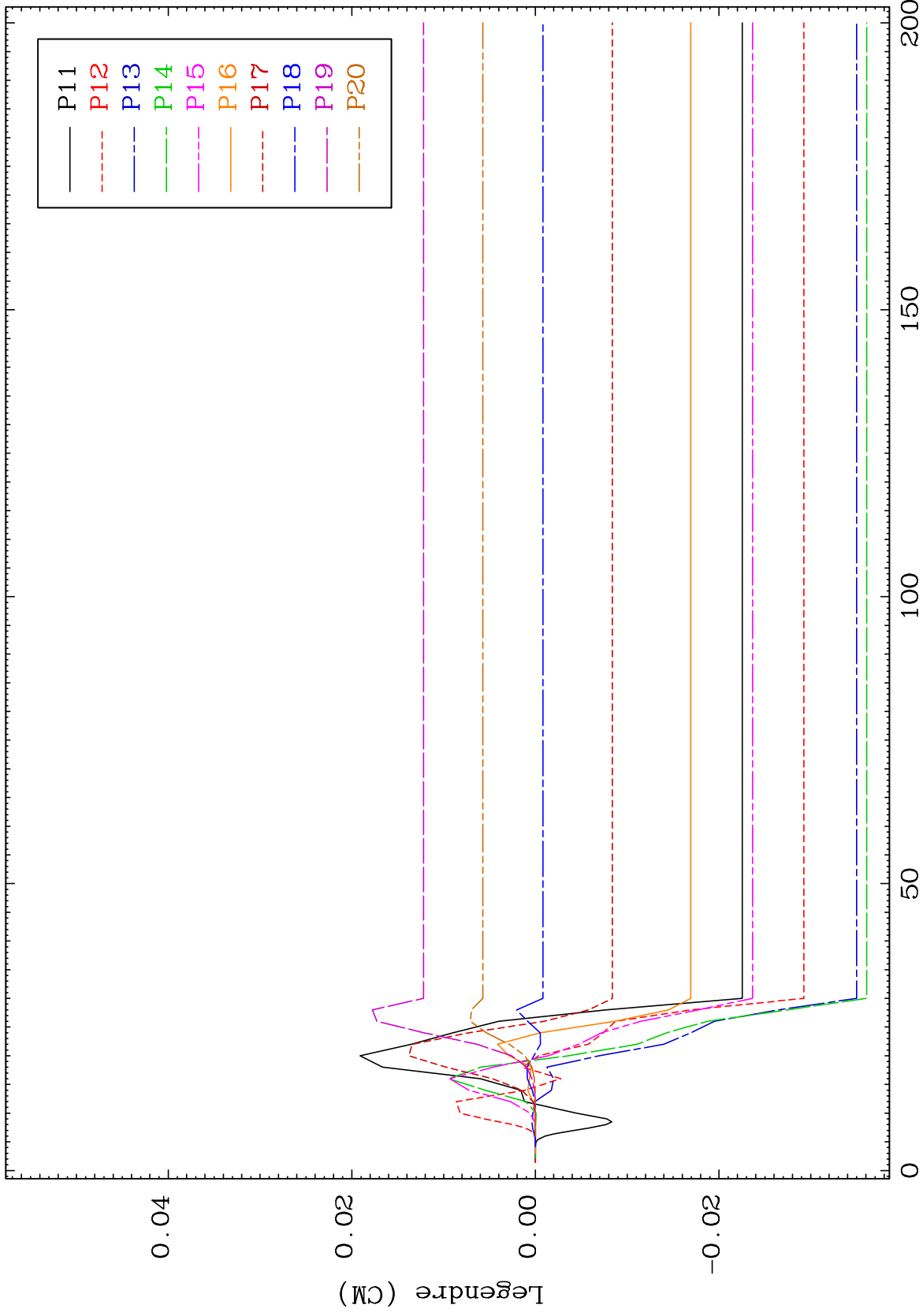
79-Au-193



MAT 7913

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

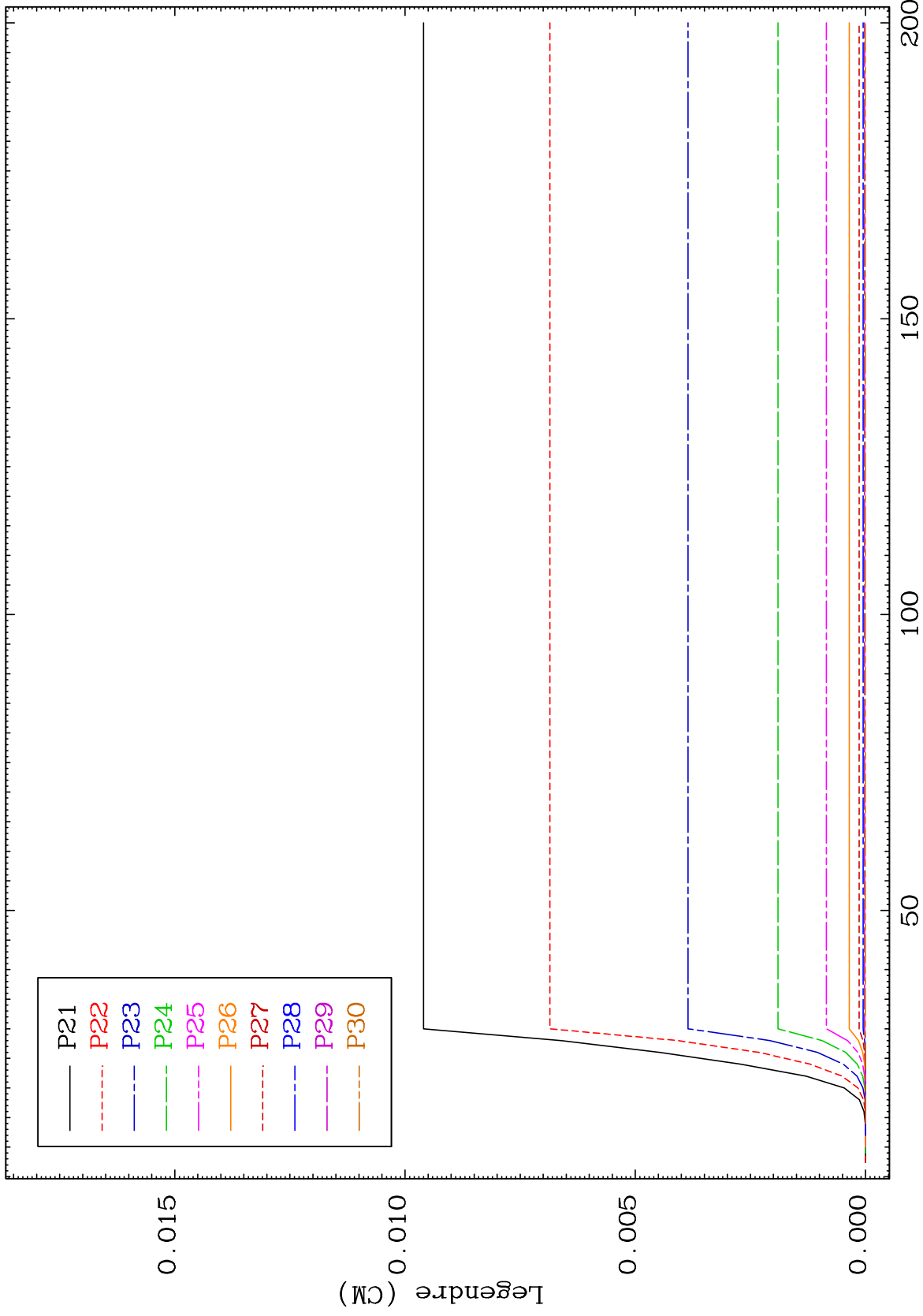
79-Au-193



37

Incident Energy (MeV)

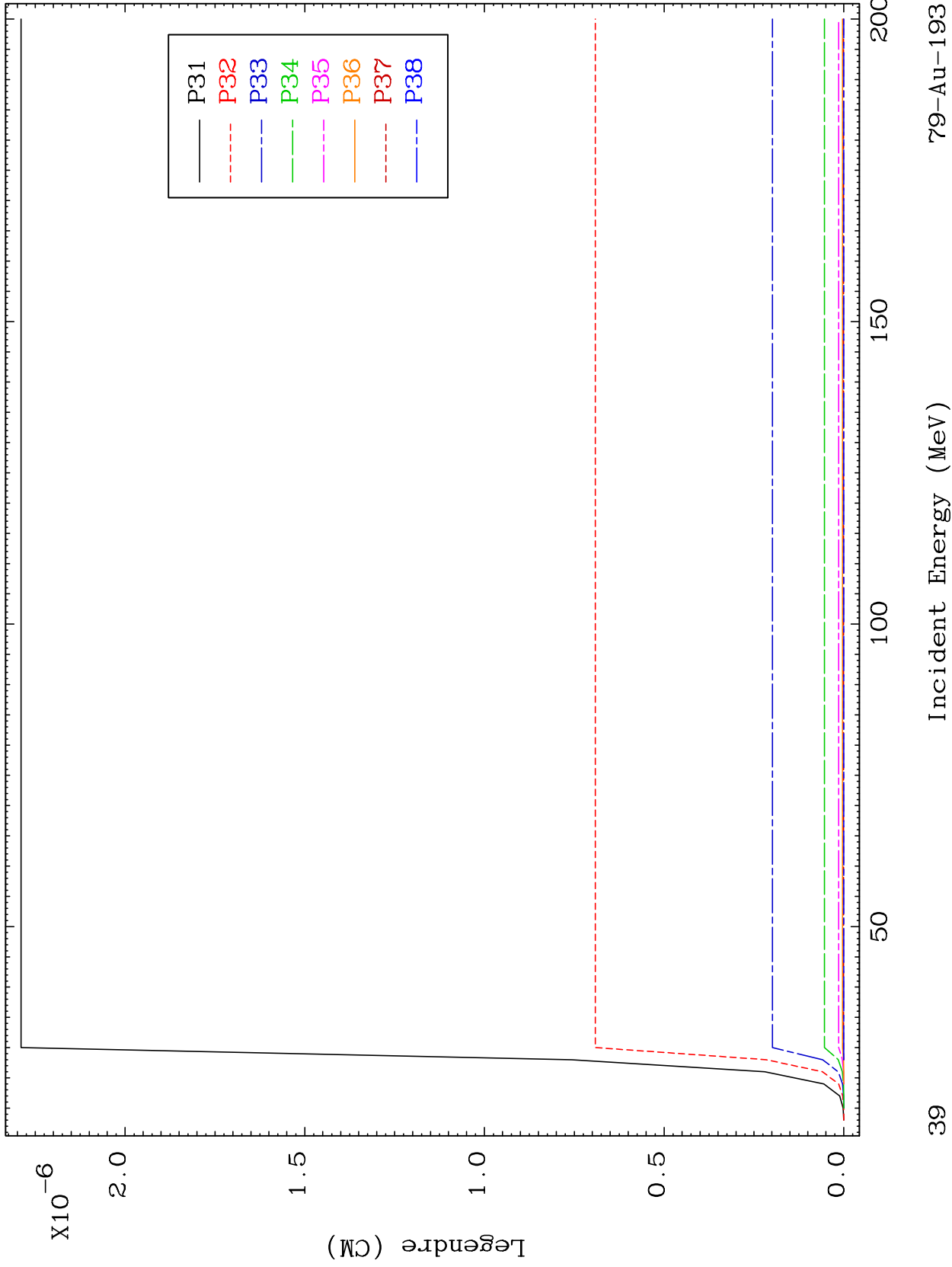
79-Au-193



MAT 7913

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

79-Au-193



39

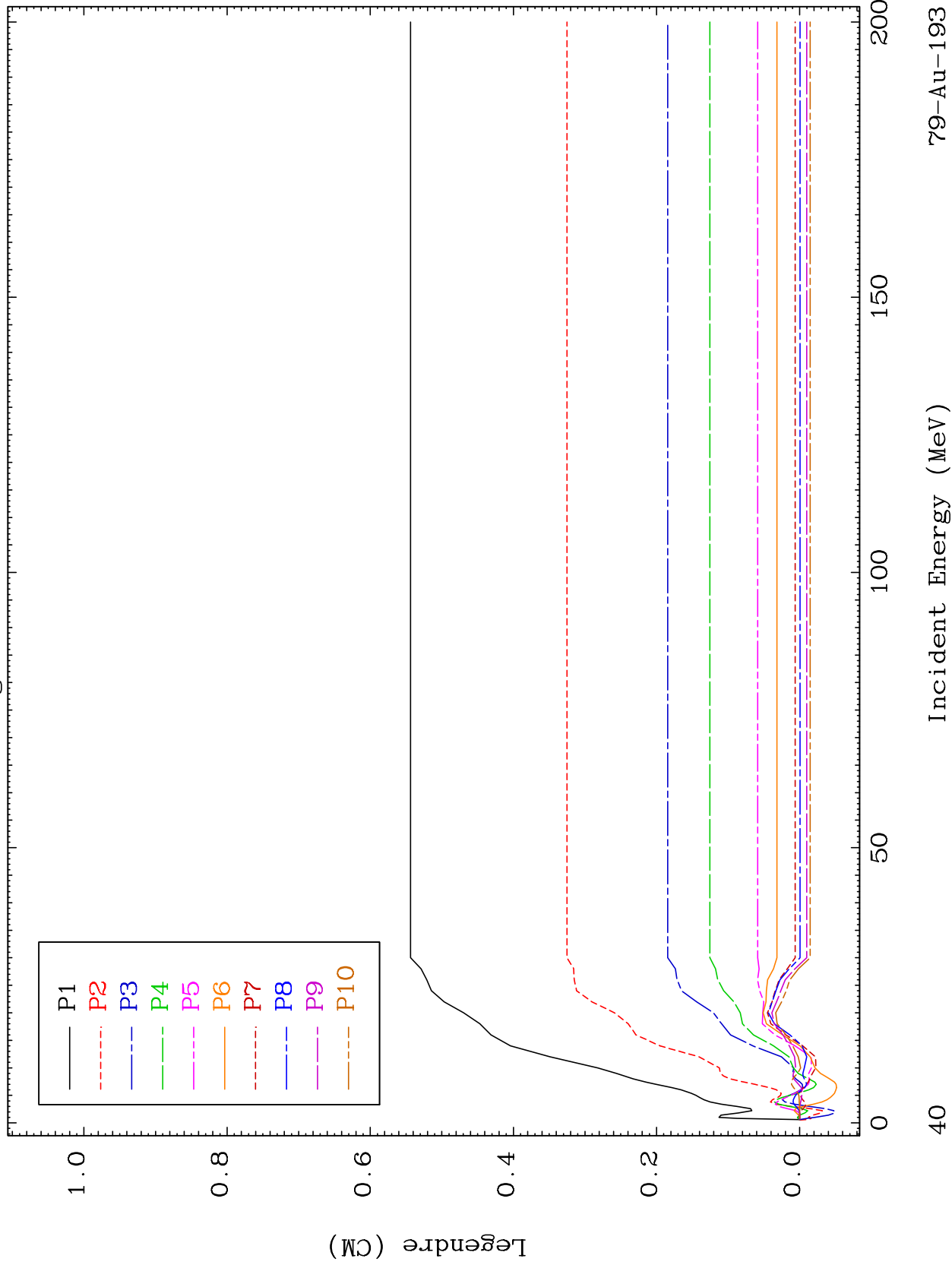
79-Au-193



MAT 7913

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

79-Au-193



79-Au-193

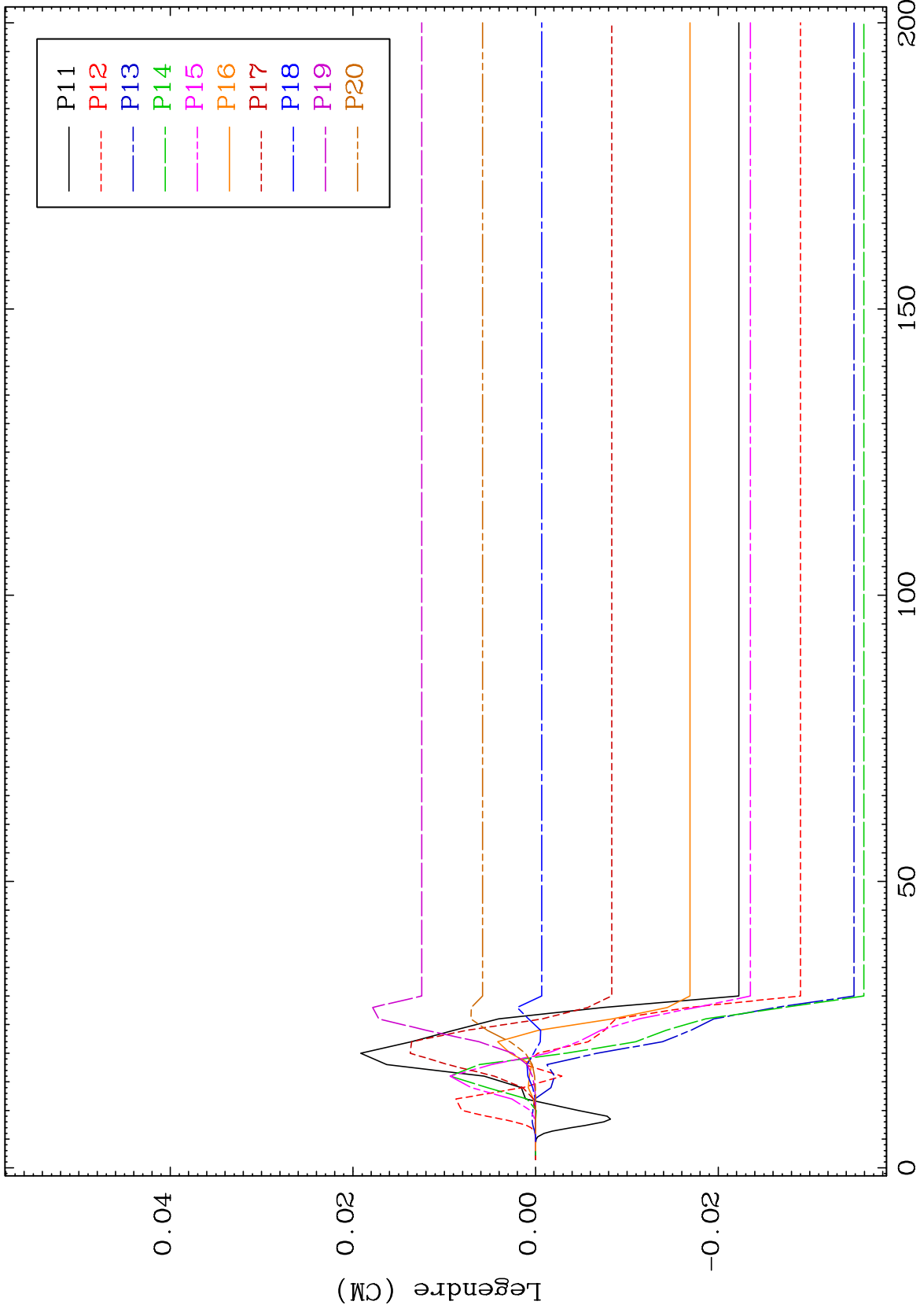
Incident Energy (MeV)

40

MAT 7913

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

79-Au-193



41

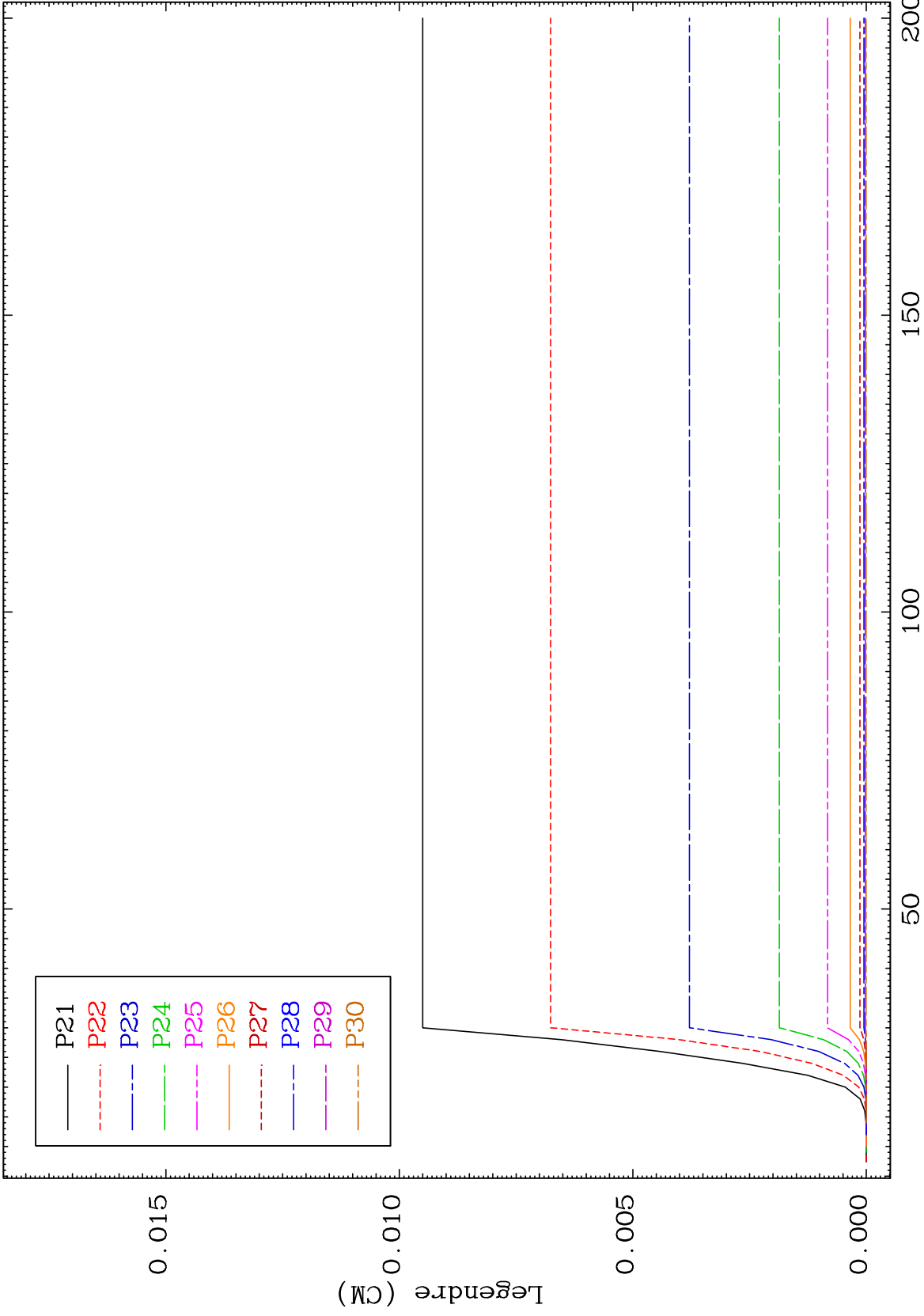
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



42

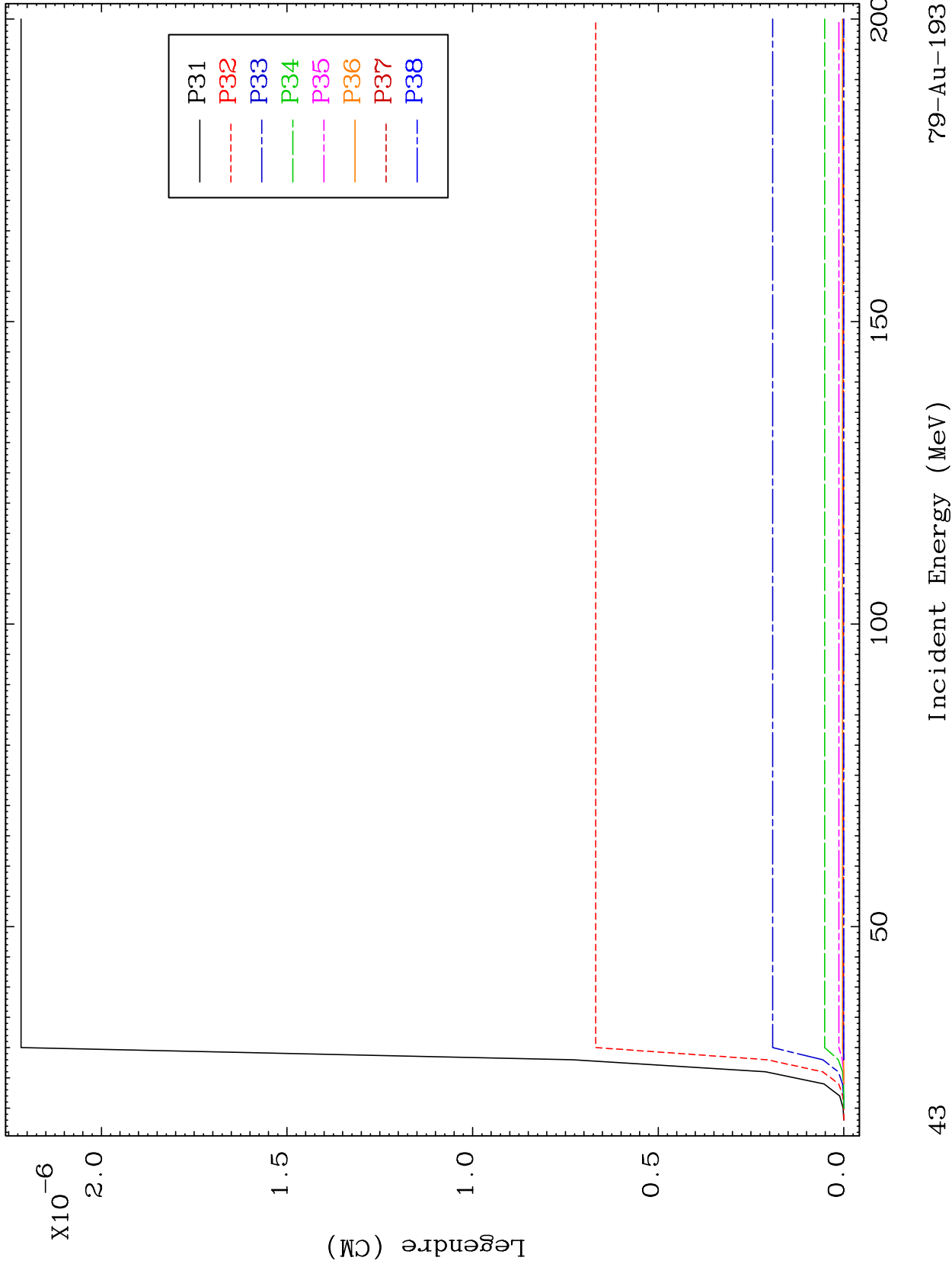
Incident Energy (MeV)

79-Au-193

MAT 7913

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

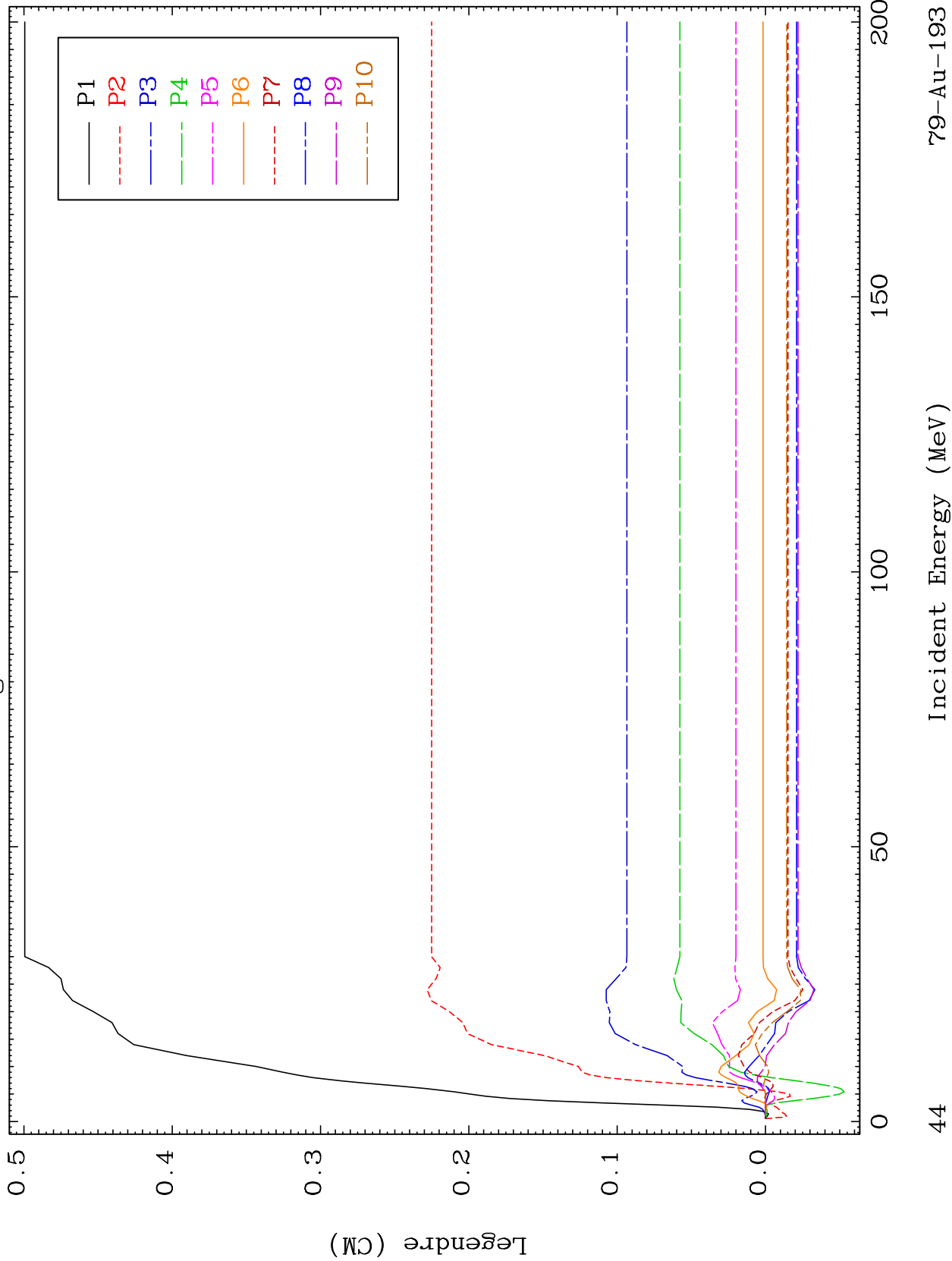
79-Au-193



MAT 7913

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

79-Au-193



44

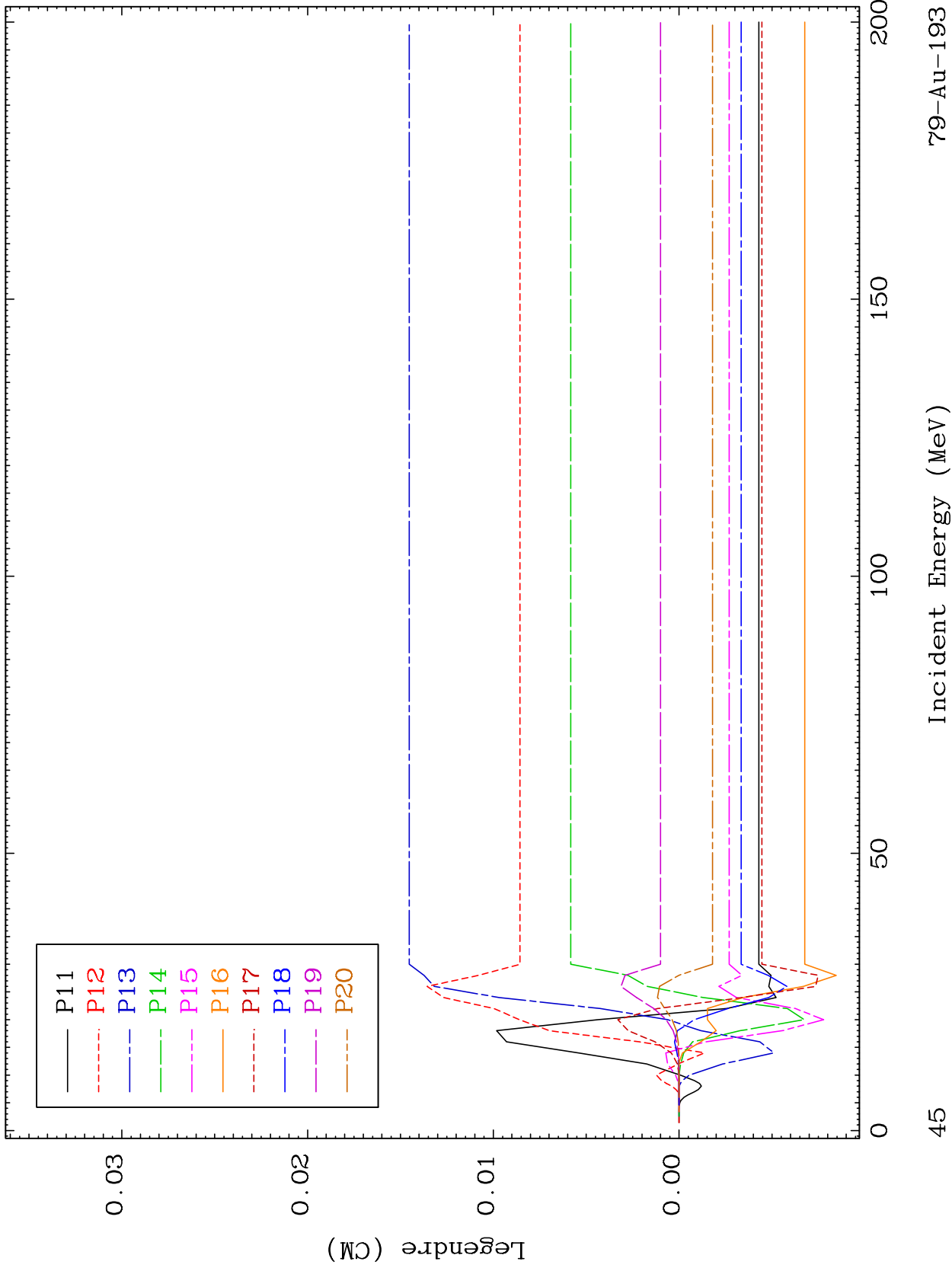
Incident Energy (MeV)

79-Au-193

MAT 7913

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

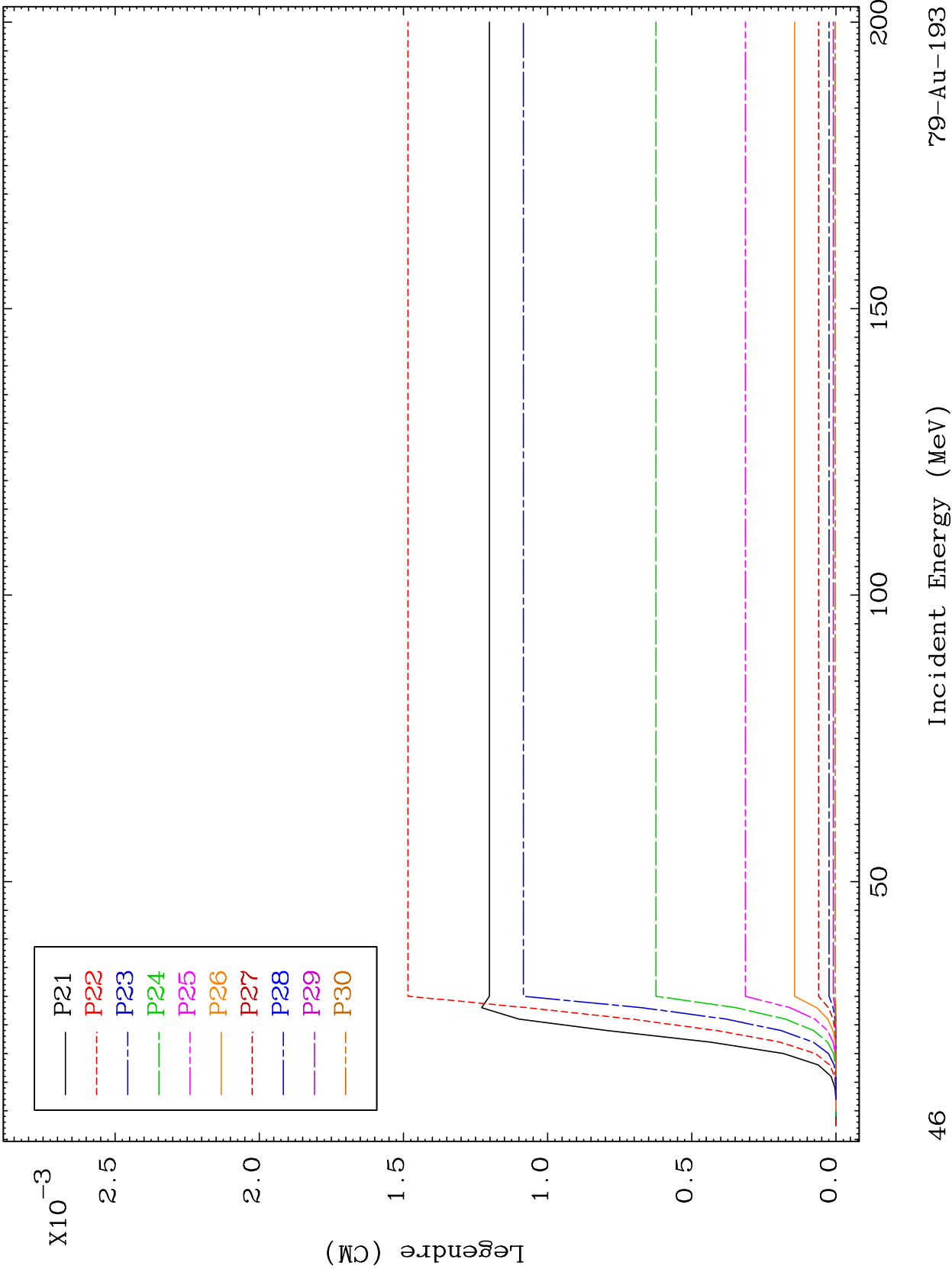
79-Au-193



79-Au-193

Incident Energy (MeV)

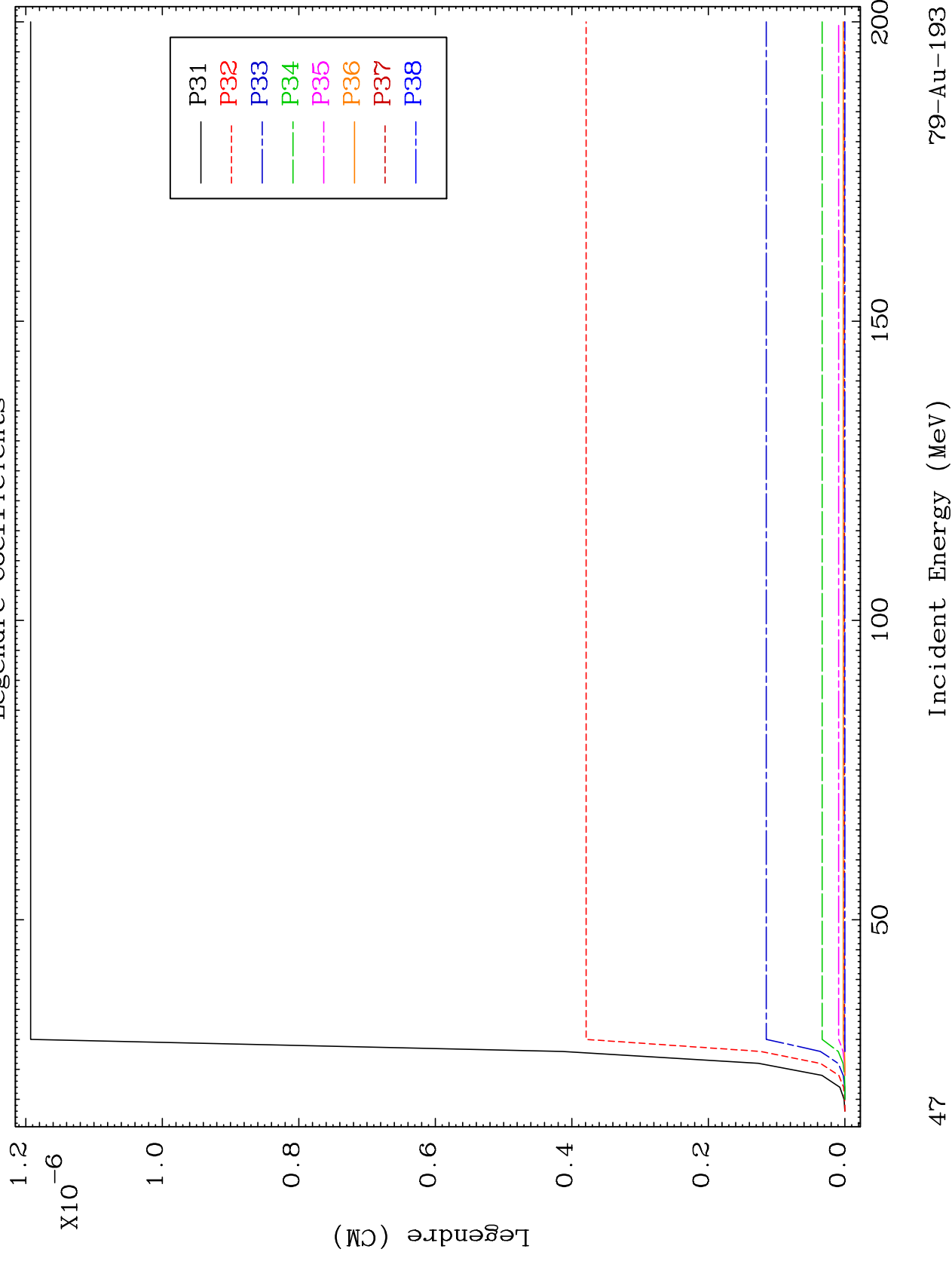
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MAT 7913

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

79-Au-193



47

Incident Energy (MeV)

79-Au-193

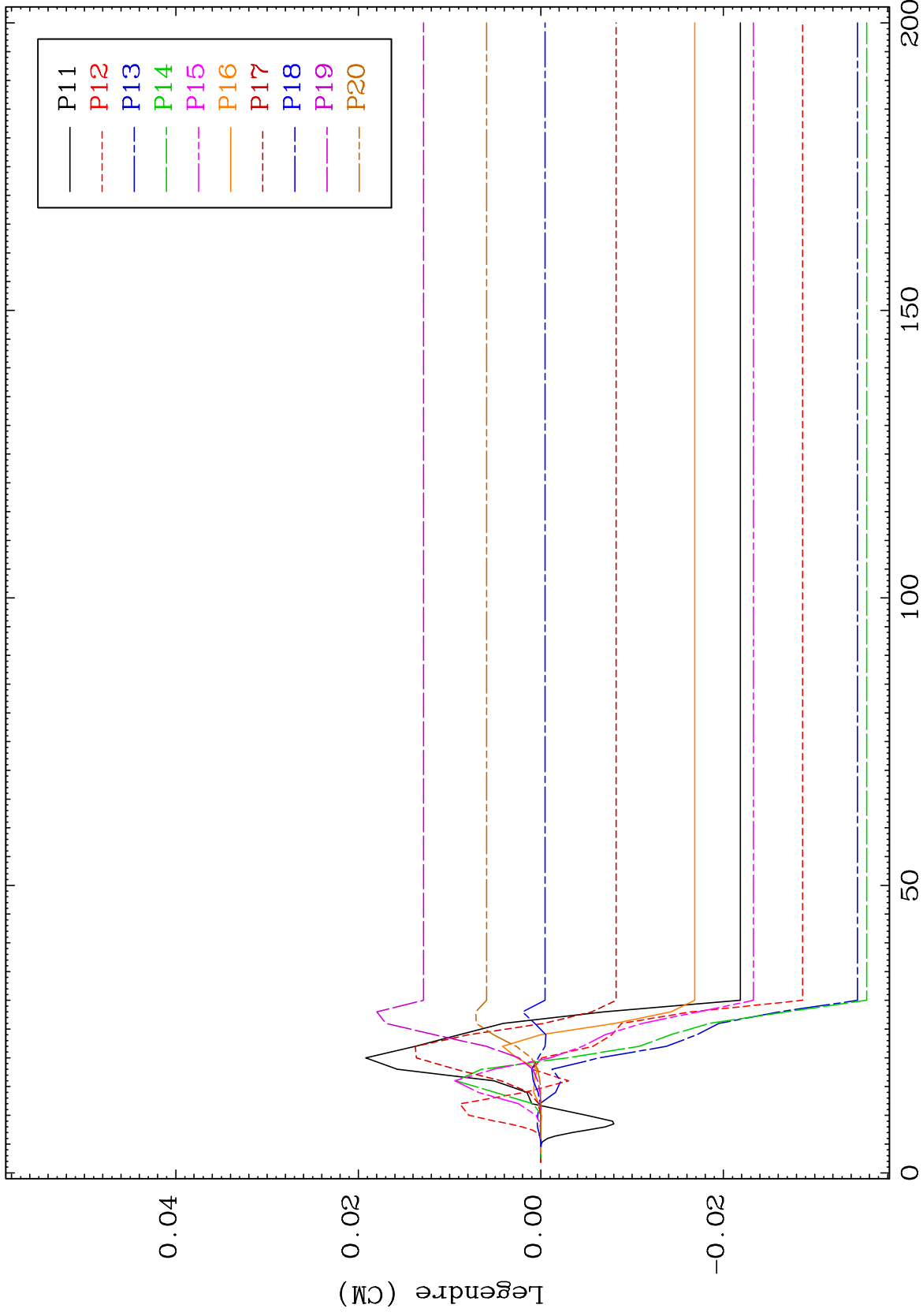




MAT 7913

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

79-Au-193



49

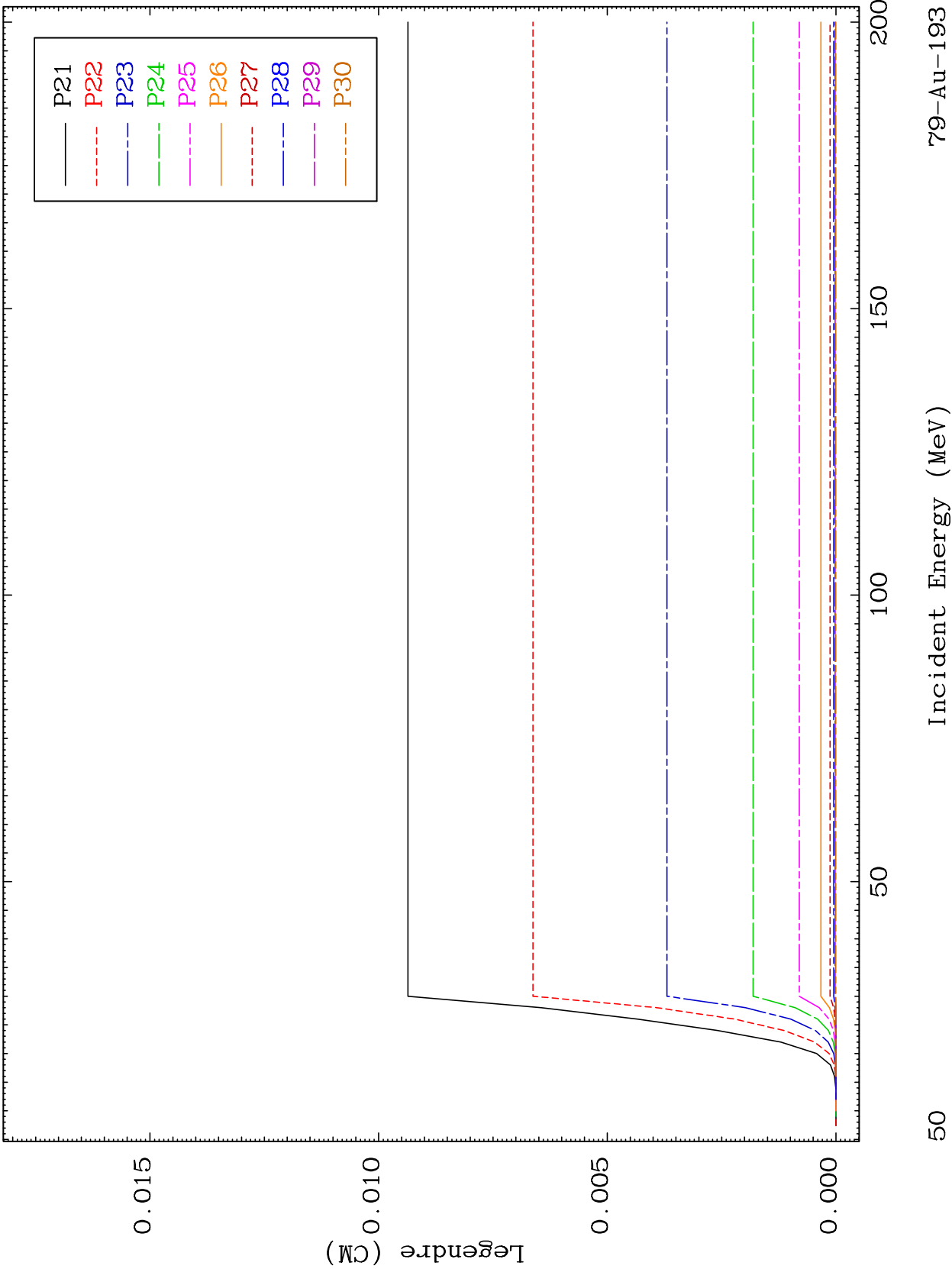
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



50

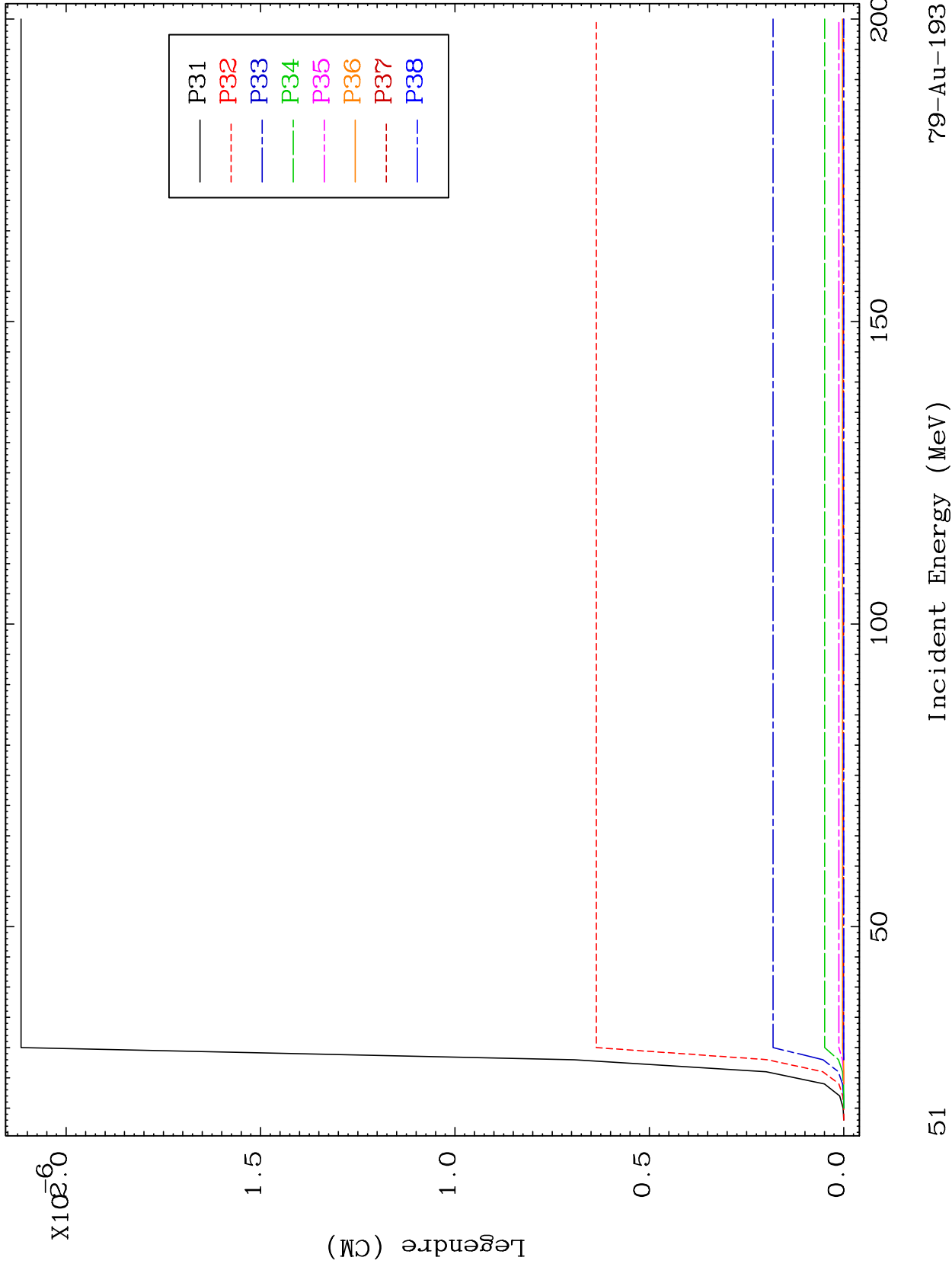
Incident Energy (MeV)

79-Au-193

MAT 7913

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

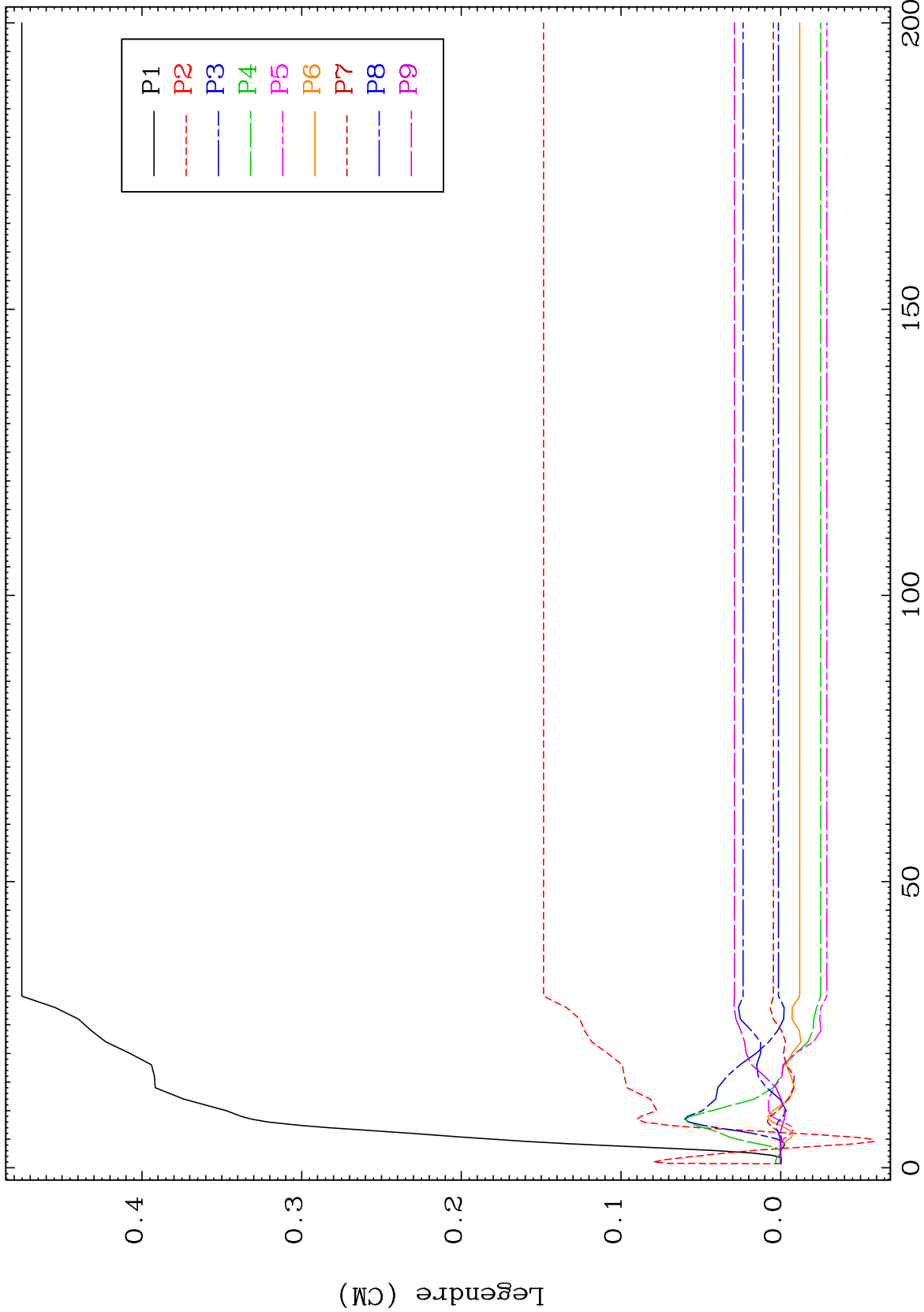
79-Au-193



51

Incident Energy (MeV)

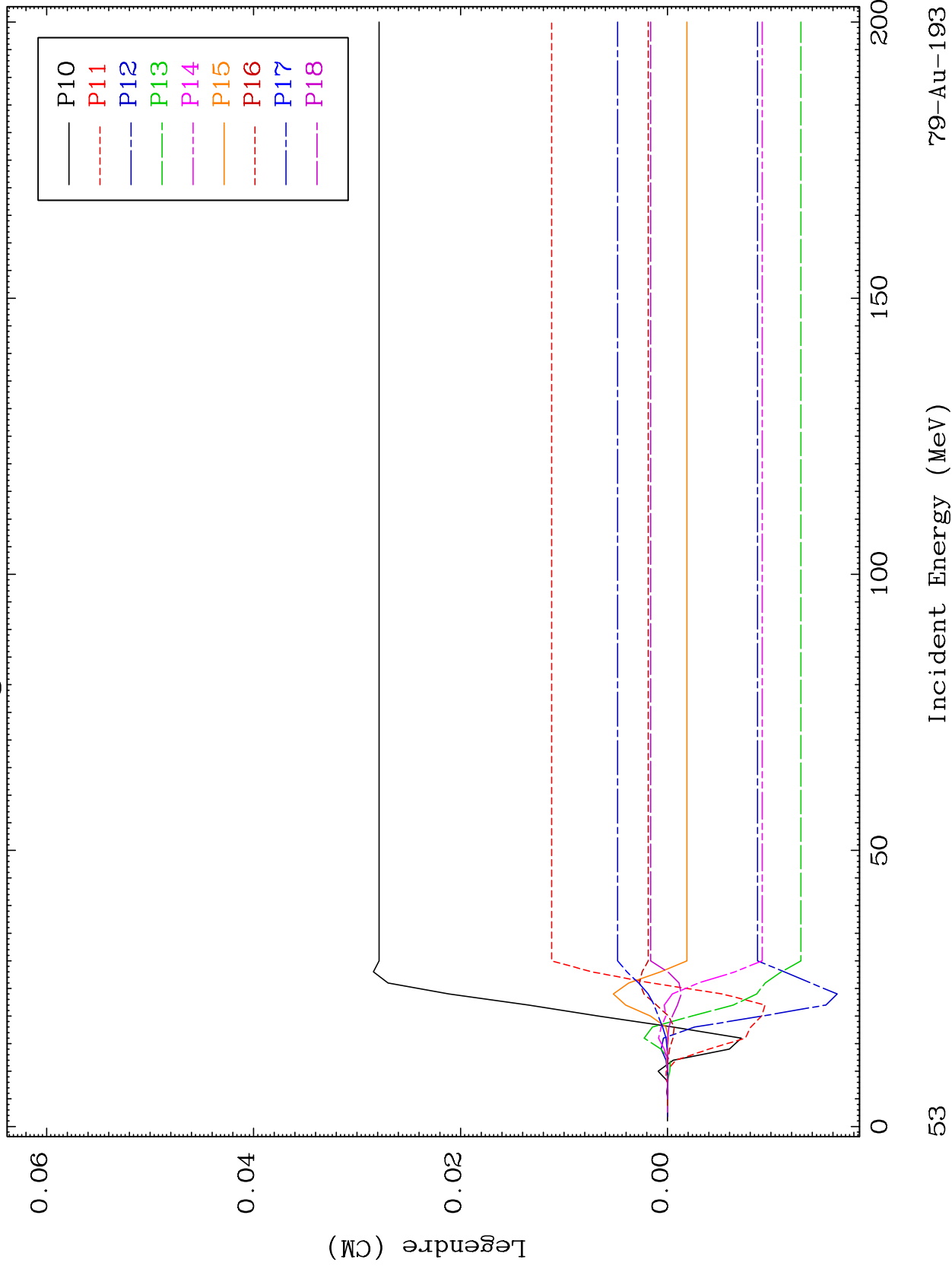
79-Au-193



MAT 7913

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

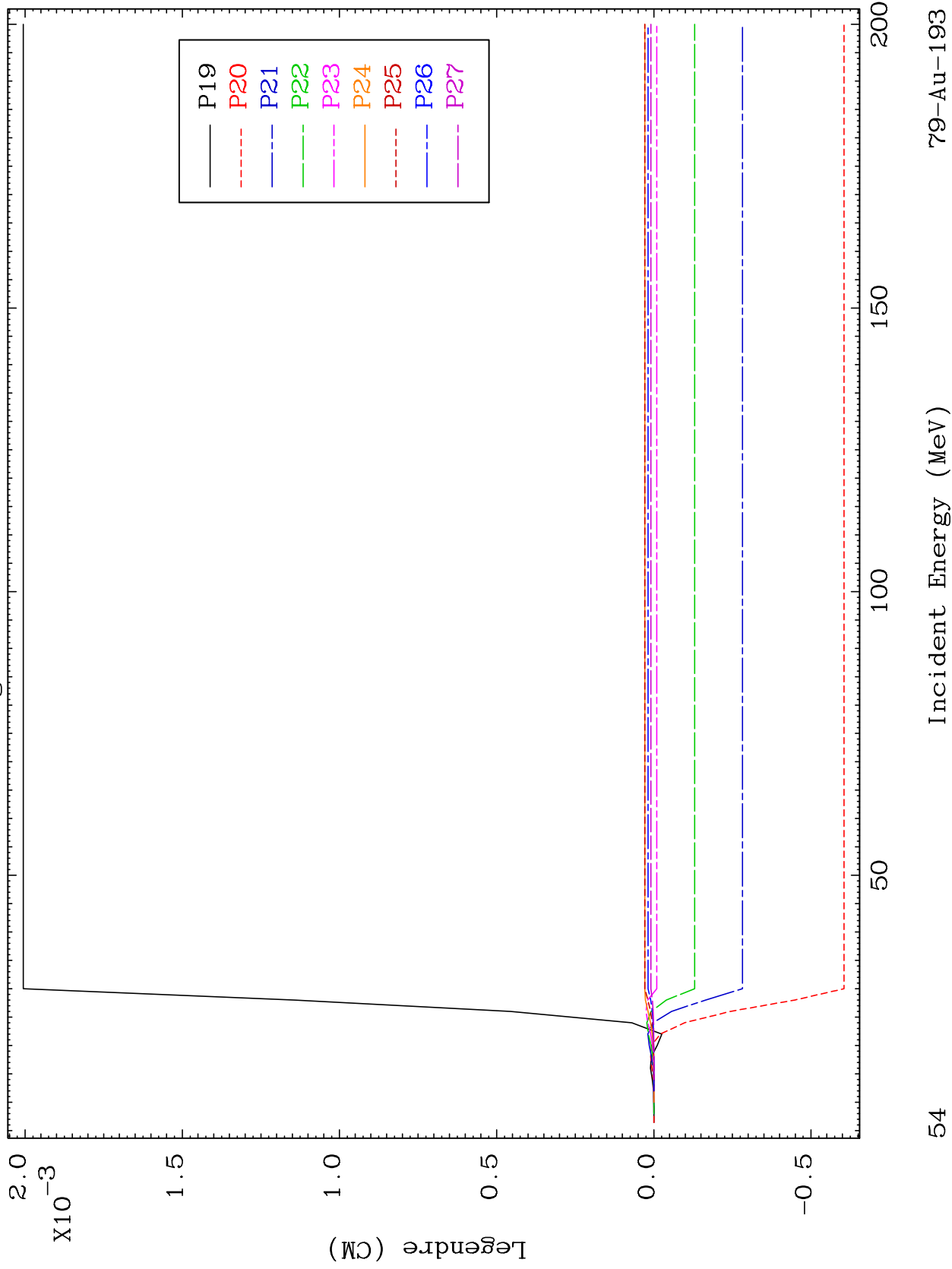
79-Au-193



53

Incident Energy (MeV)

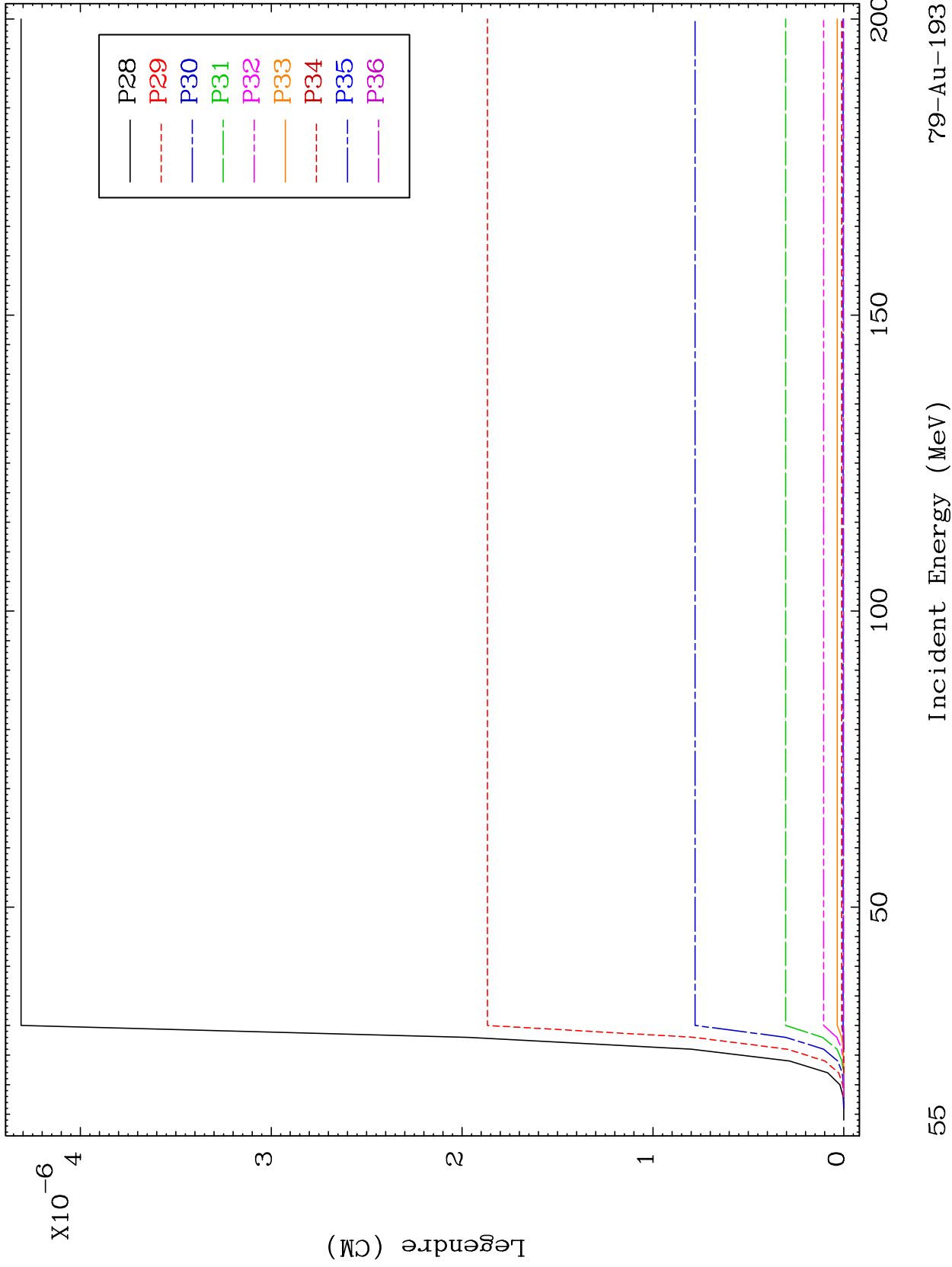
79-Au-193



MAT 7913

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

79-Au-193



79-Au-193

Incident Energy (MeV)

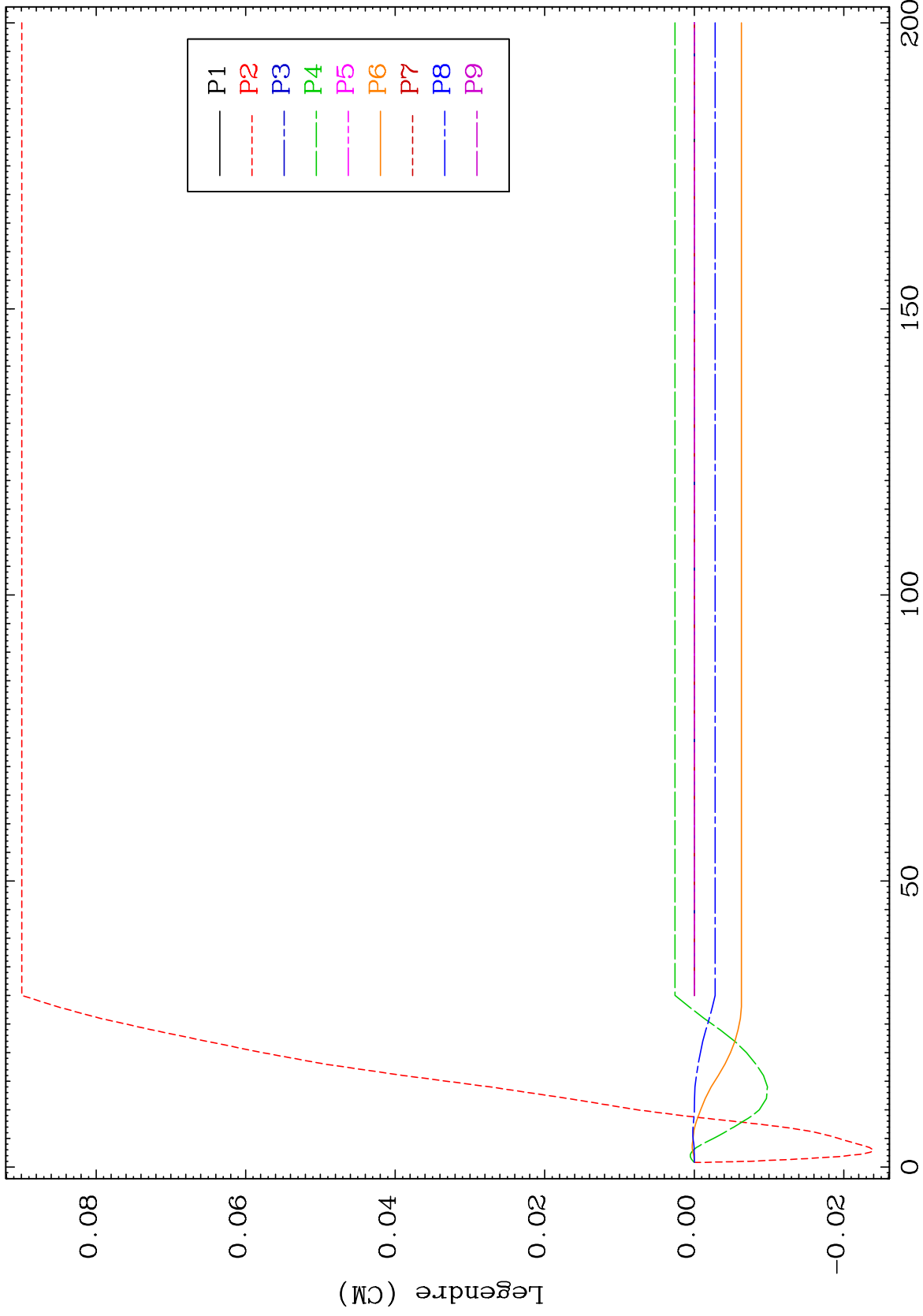
55



MAT 7913

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

79-Au-193



56

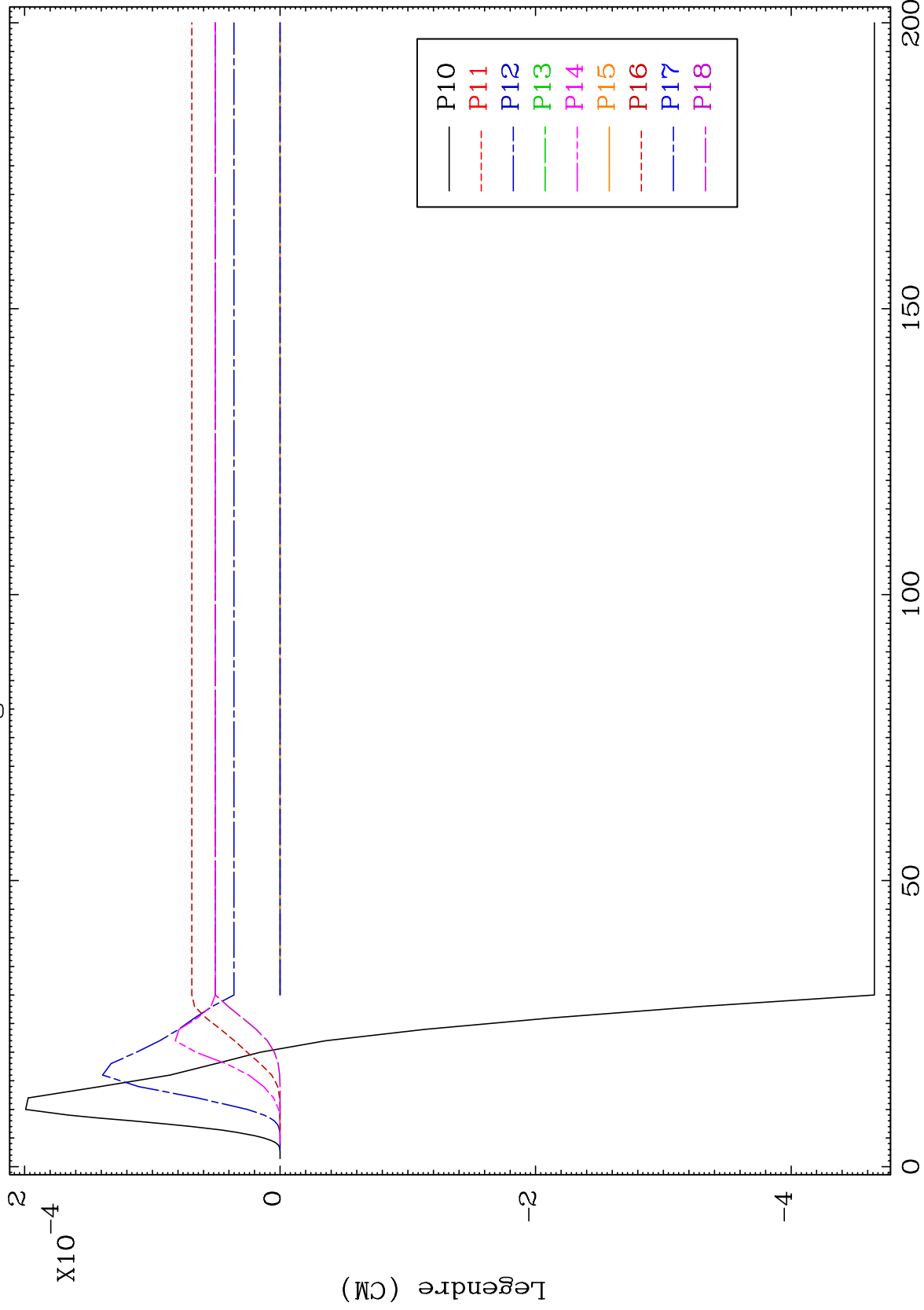
Incident Energy (MeV)

79-Au-193

MAT 7913

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

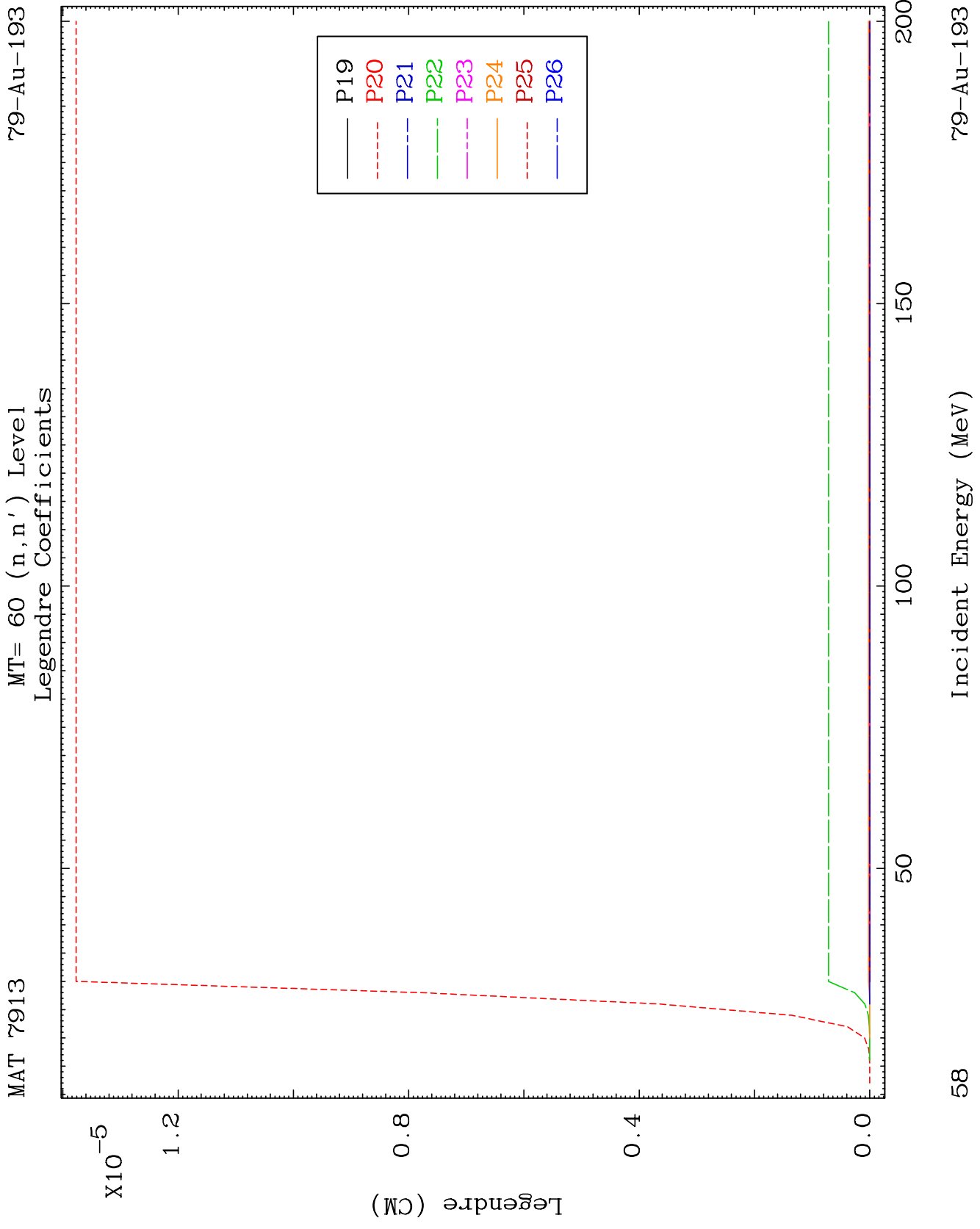
79-Au-193



57

Incident Energy (MeV)

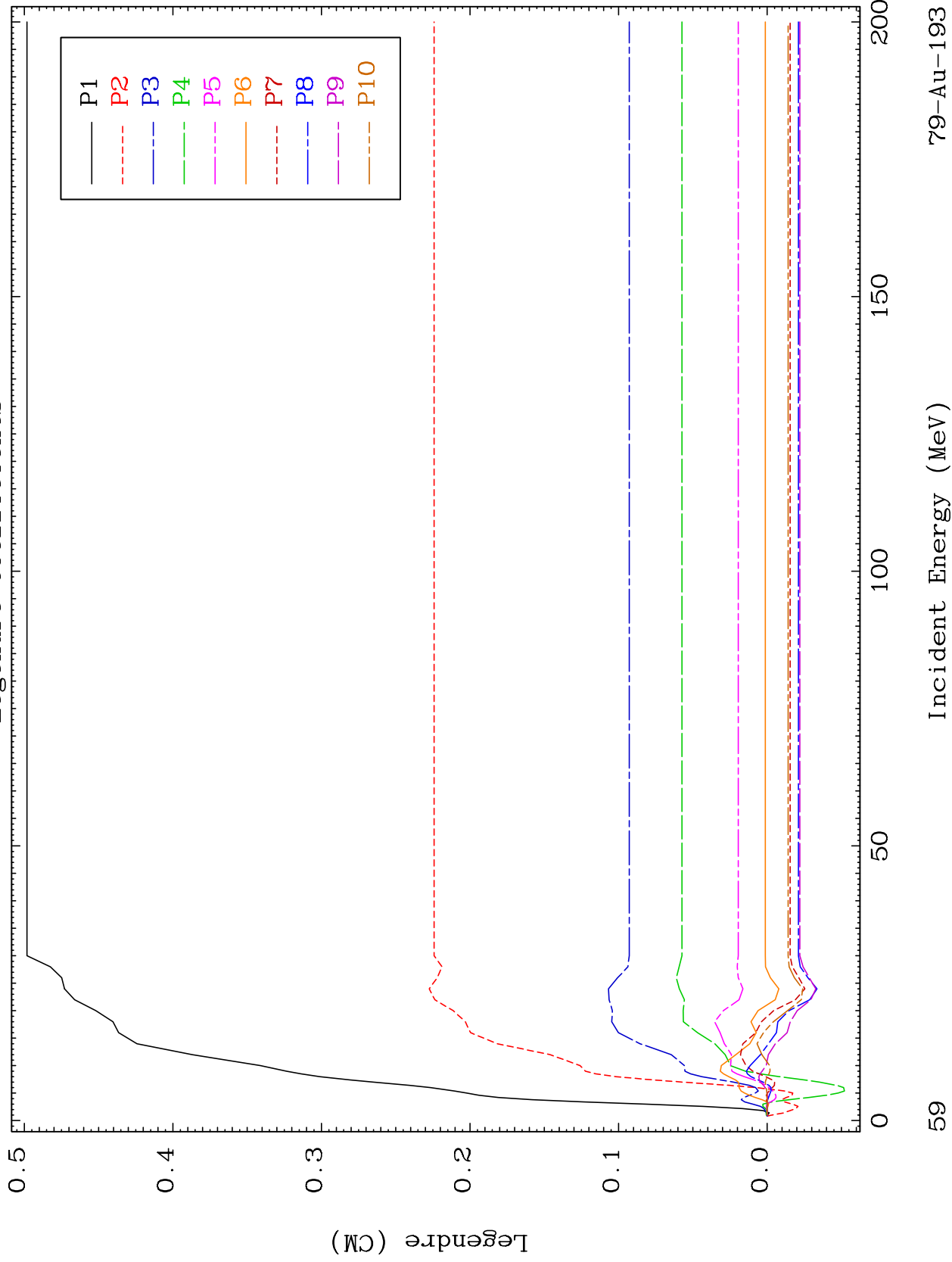
79-Au-193



MAT 7913

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

79-Au-193



79-Au-193

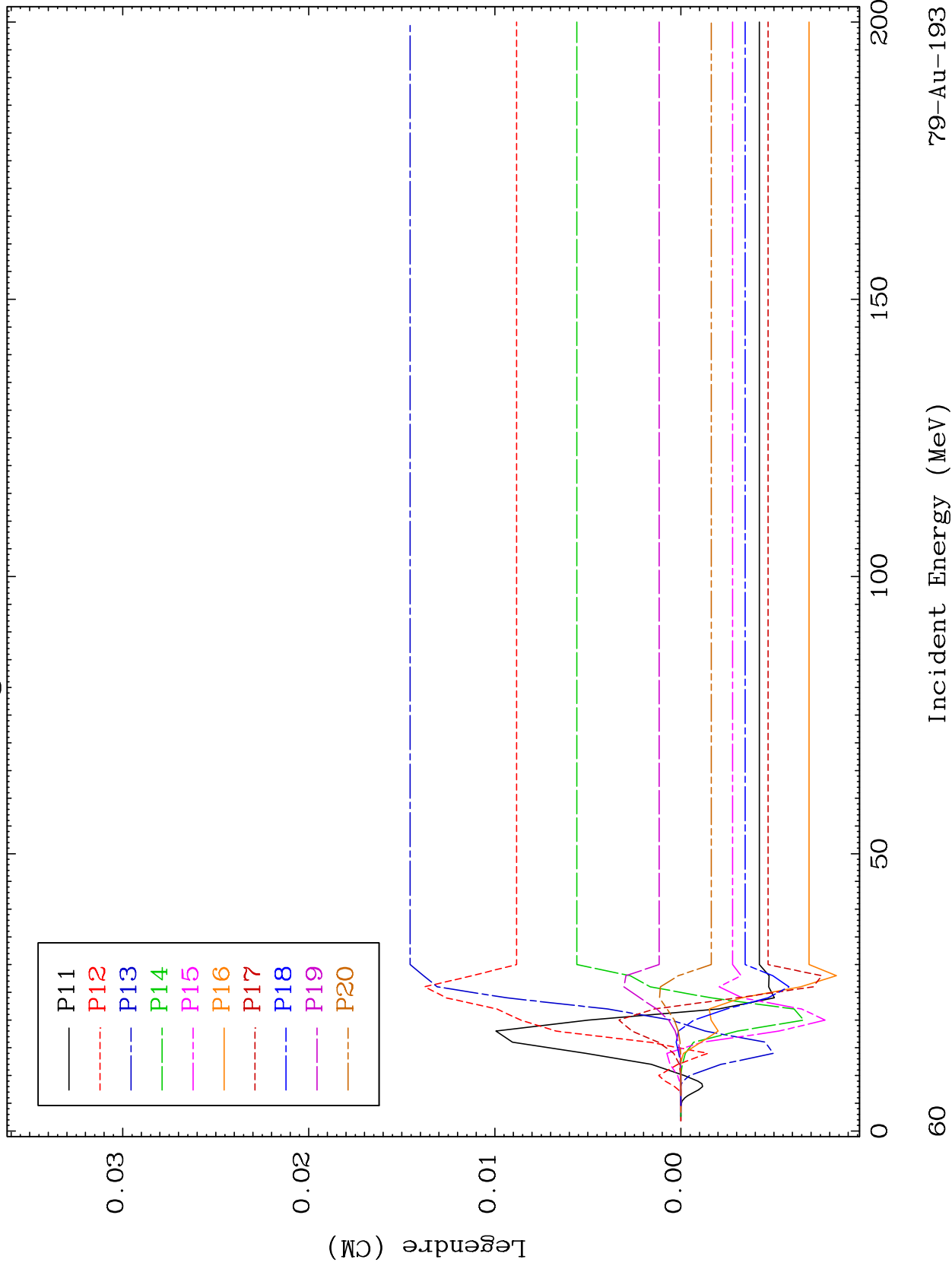
Incident Energy (MeV)

59

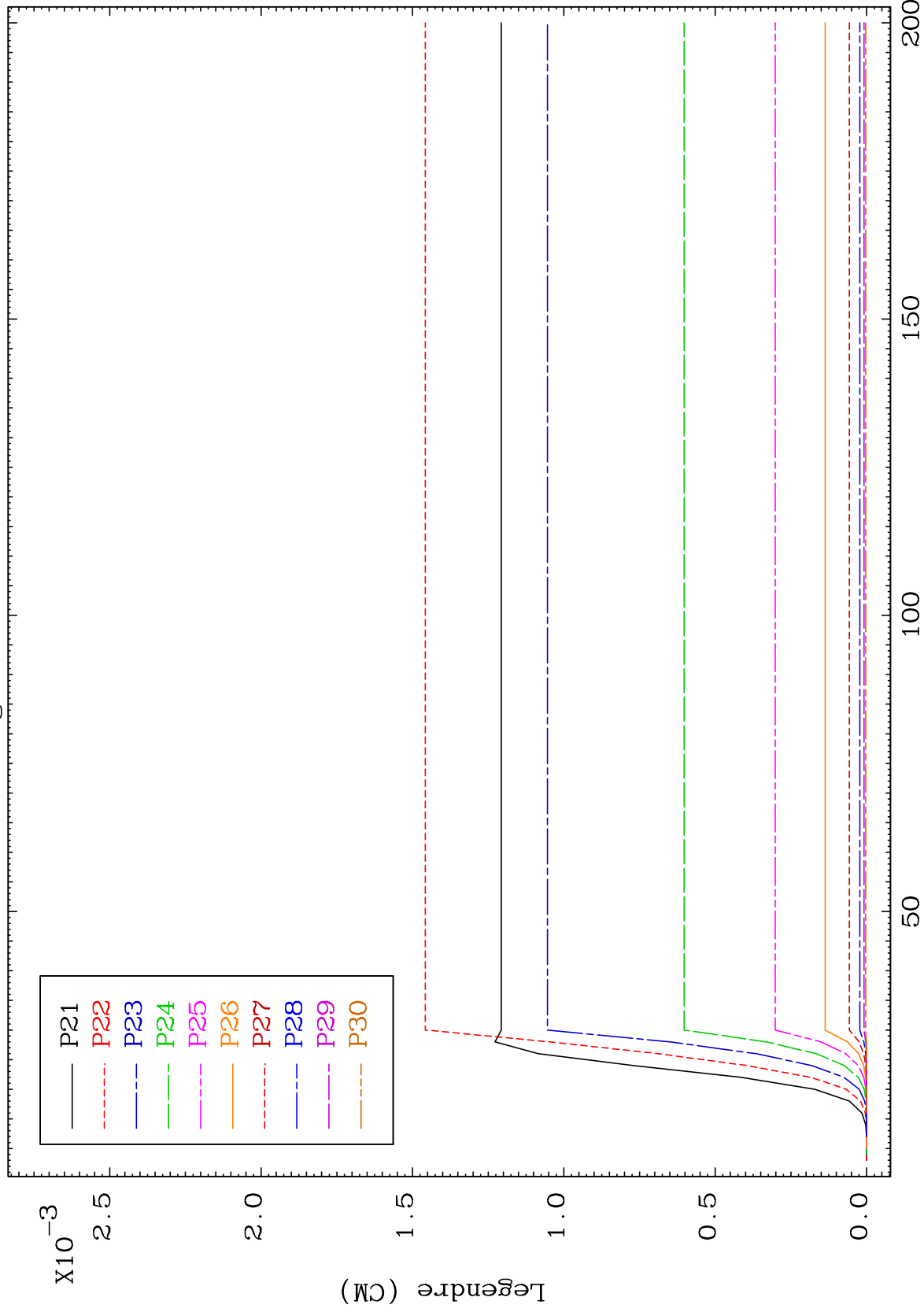
MAT 7913

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

79-Au-193



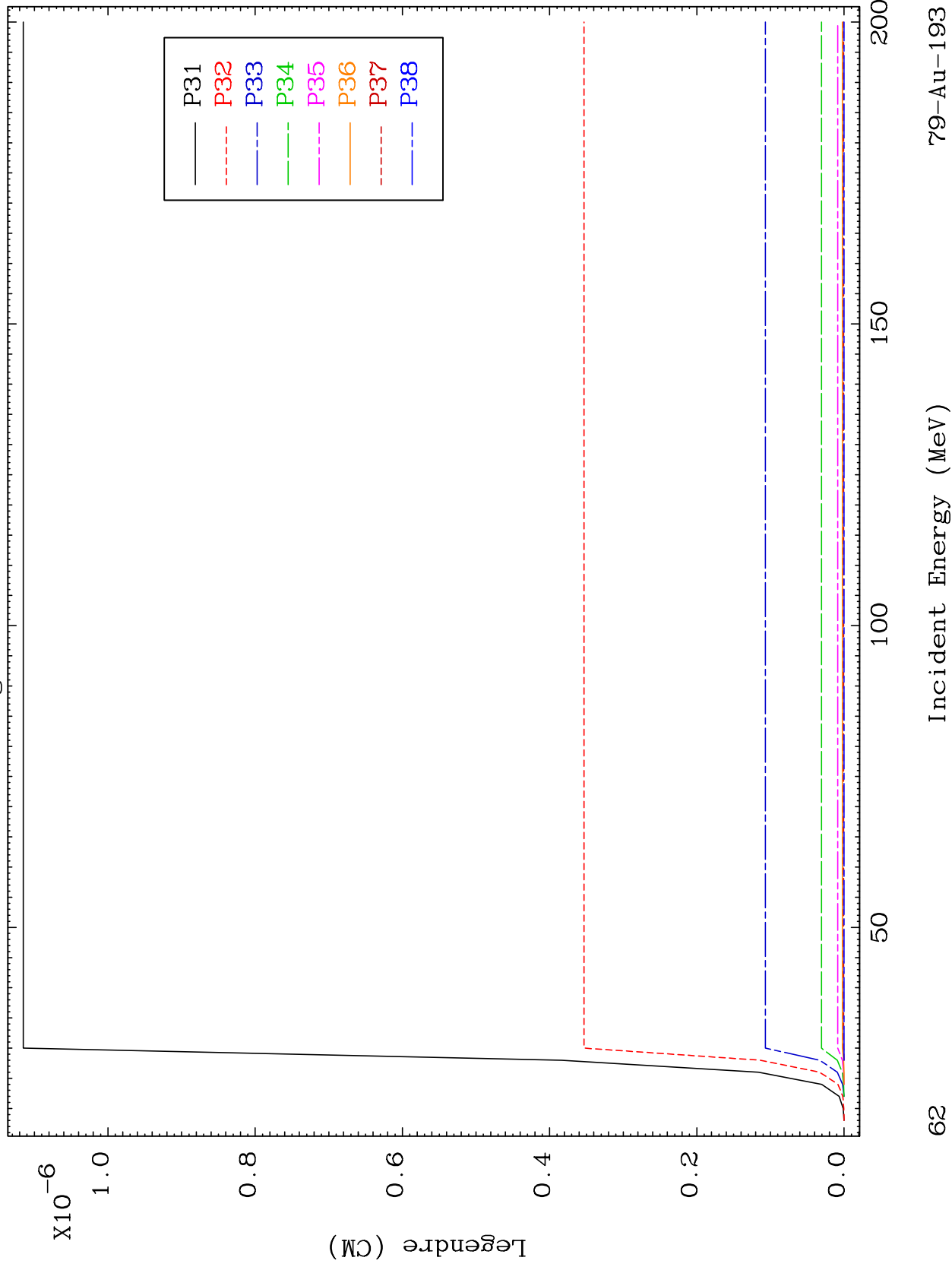
79-Au-193



MAT 7913

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

79-Au-193



62

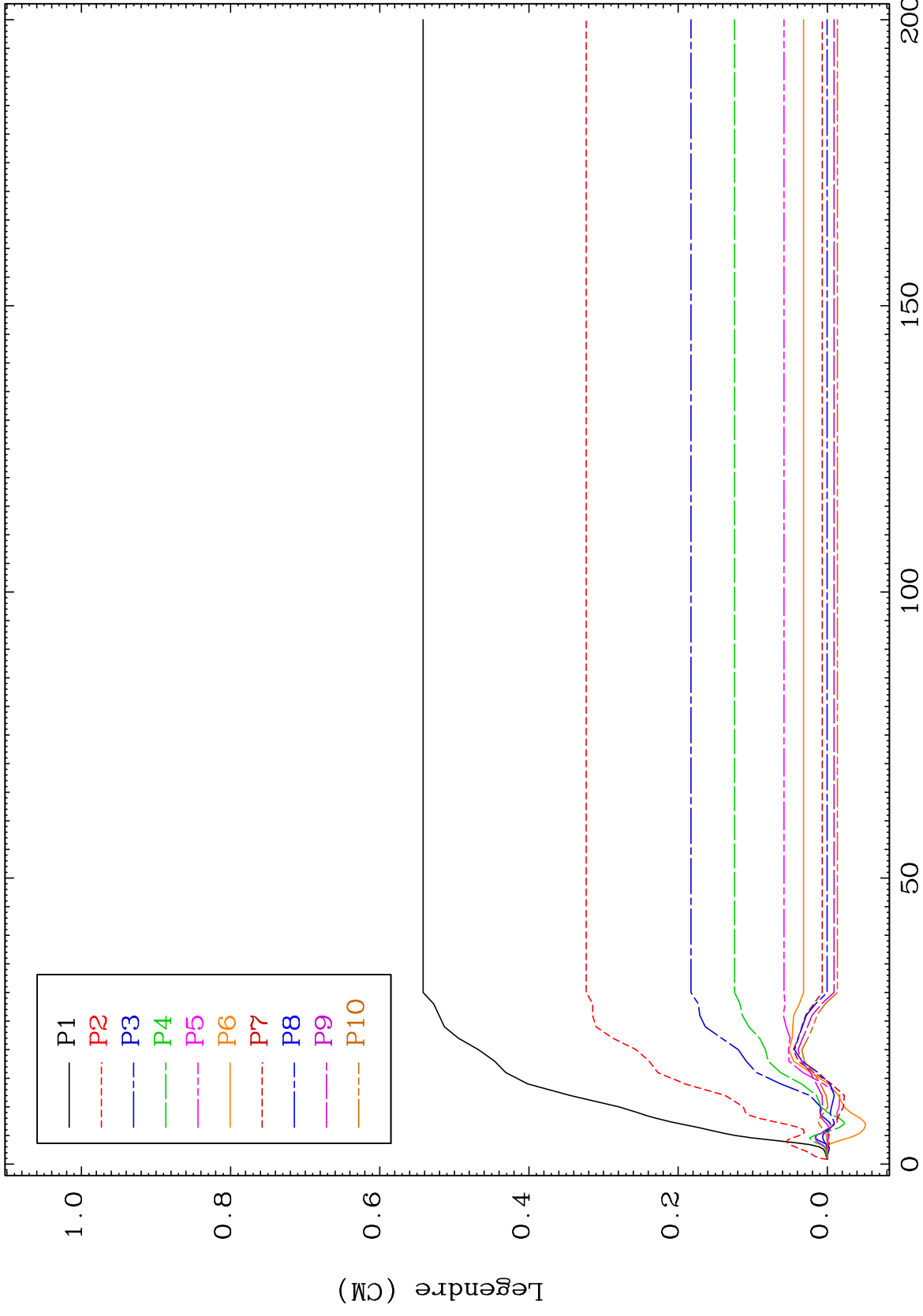
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



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Incident Energy (MeV)

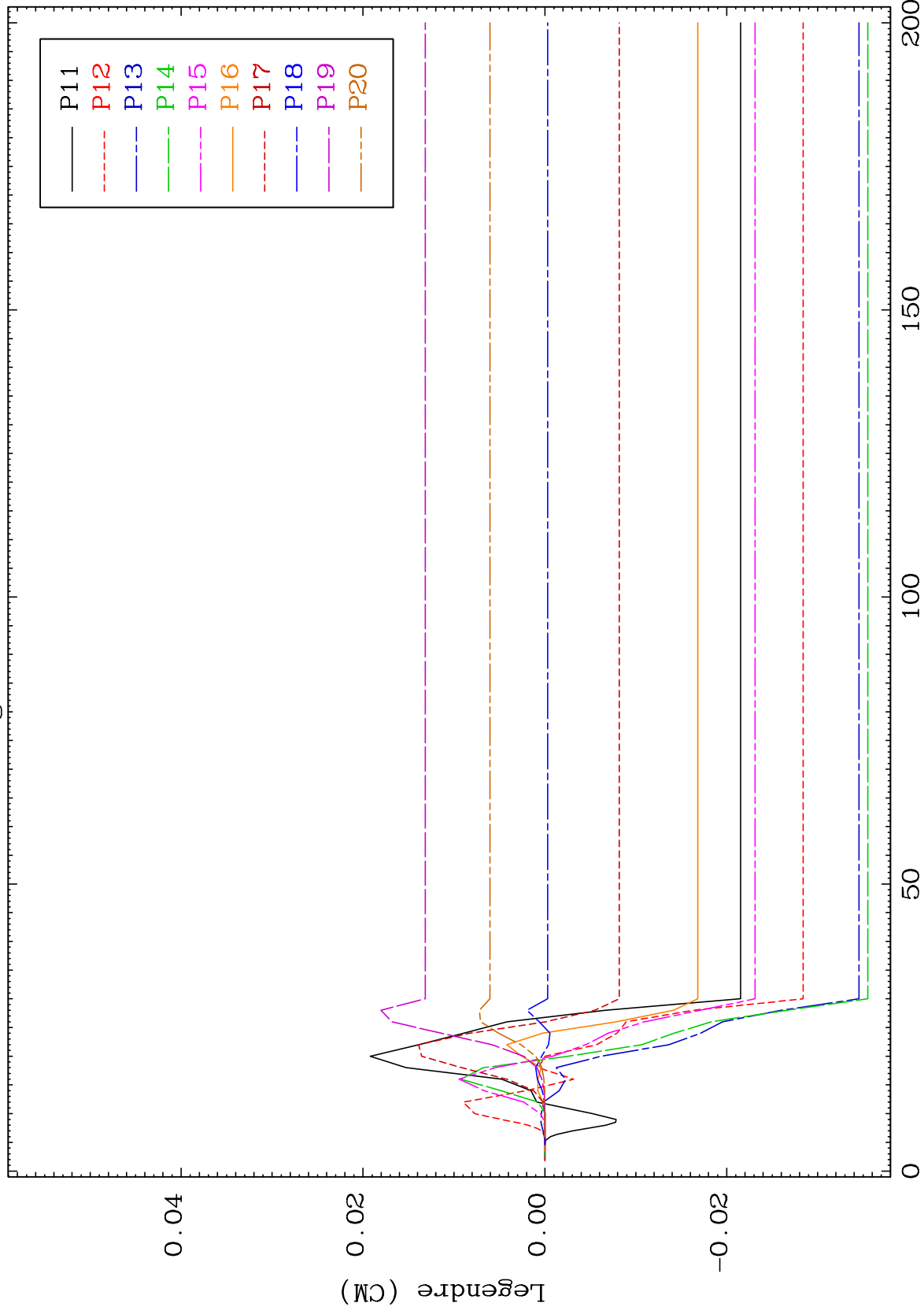
79-Au-193



MAT 7913

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

79-Au-193



64

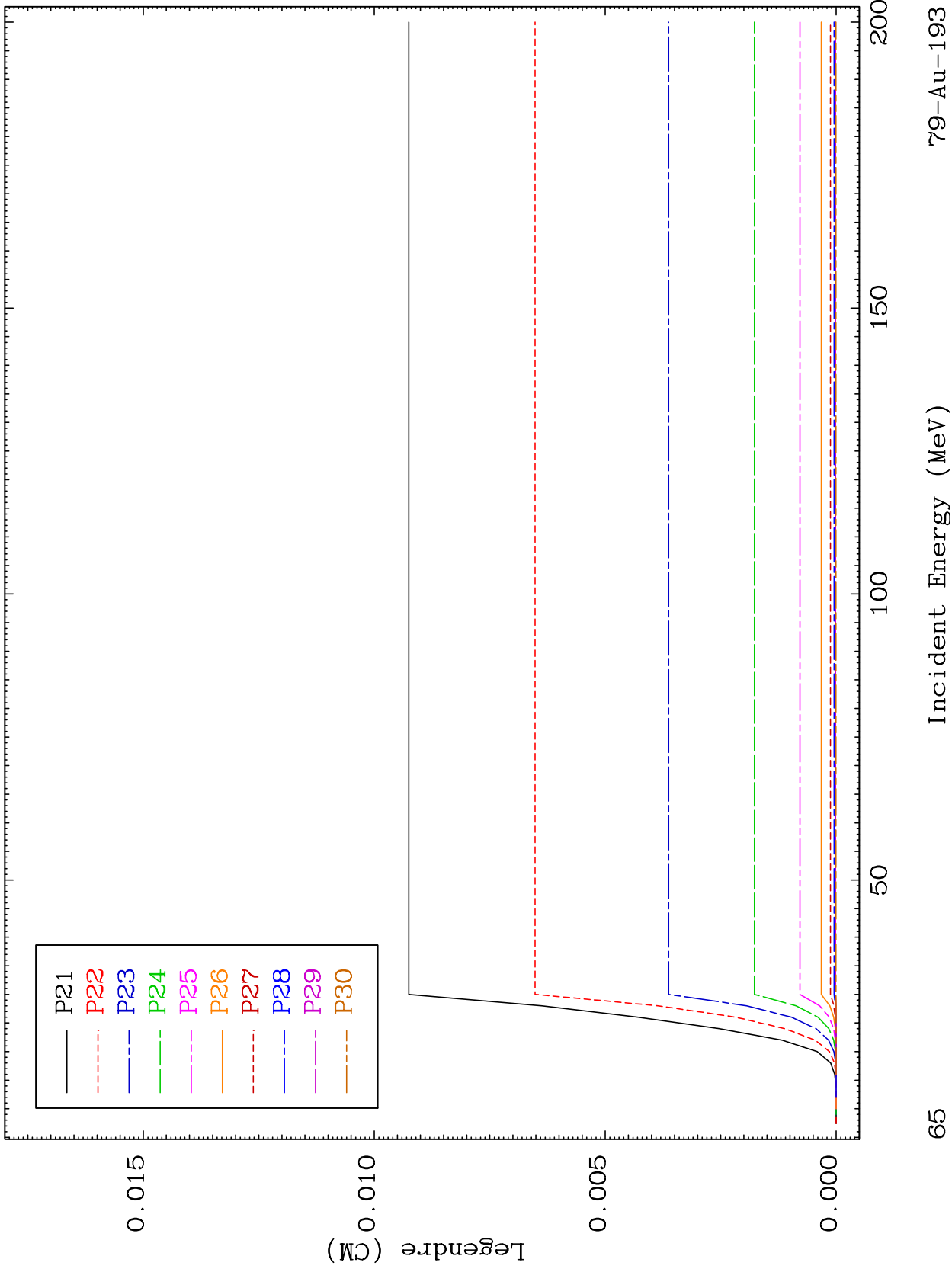
Incident Energy (MeV)

79-Au-193

MAT 7913

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

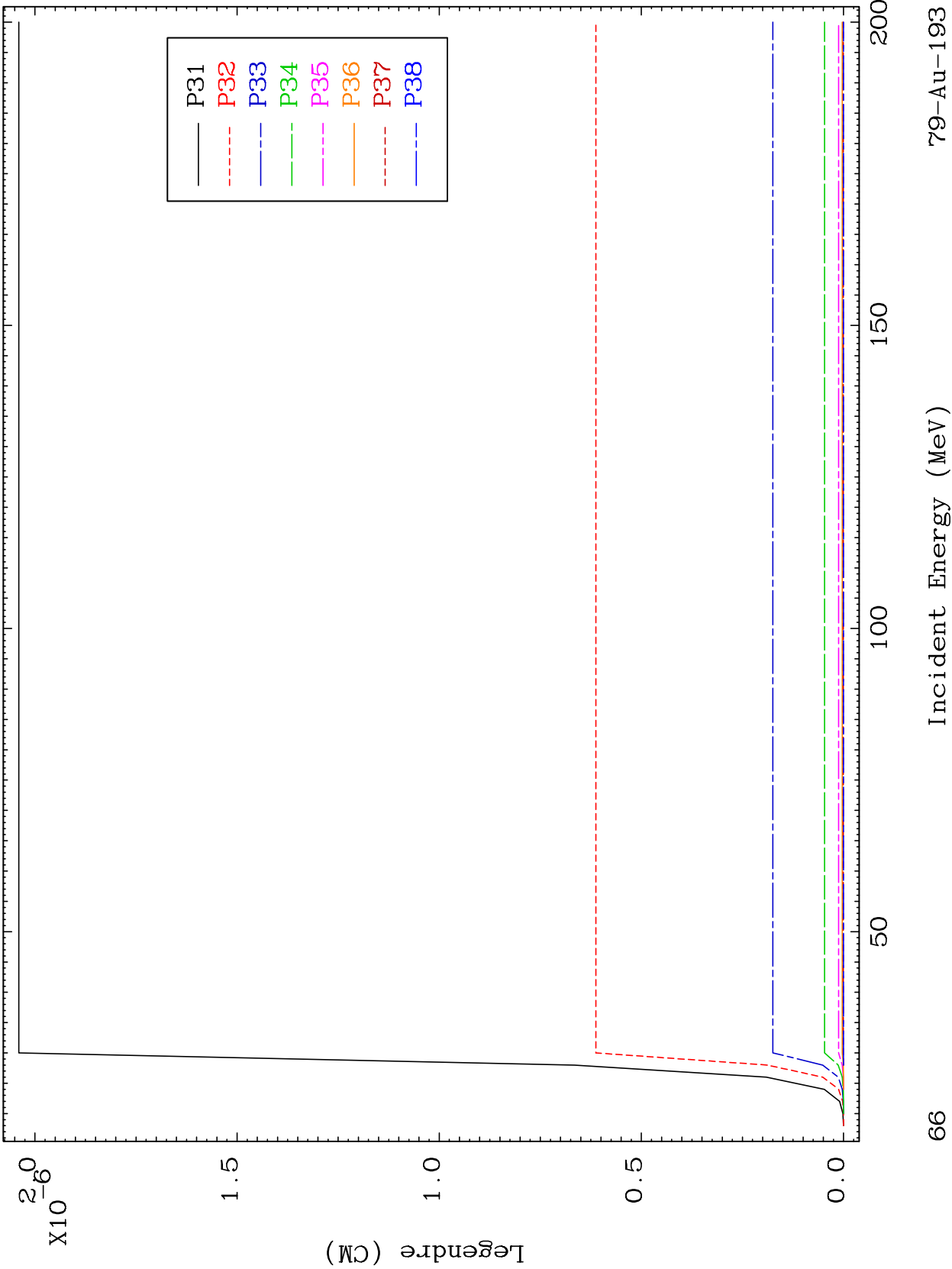
79-Au-193



65

Incident Energy (MeV)

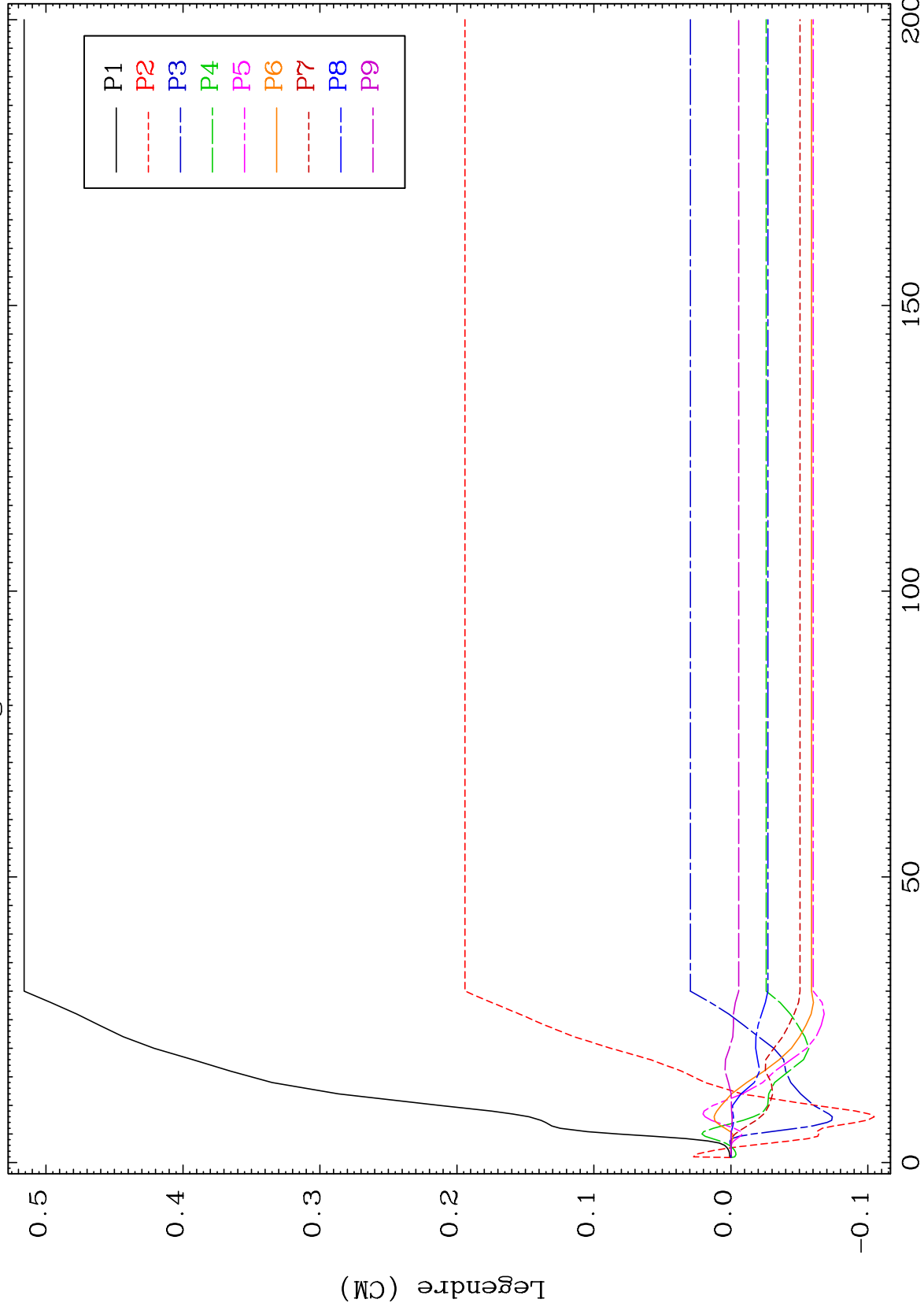
79-Au-193



MAT 7913

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

79-Au-193



67

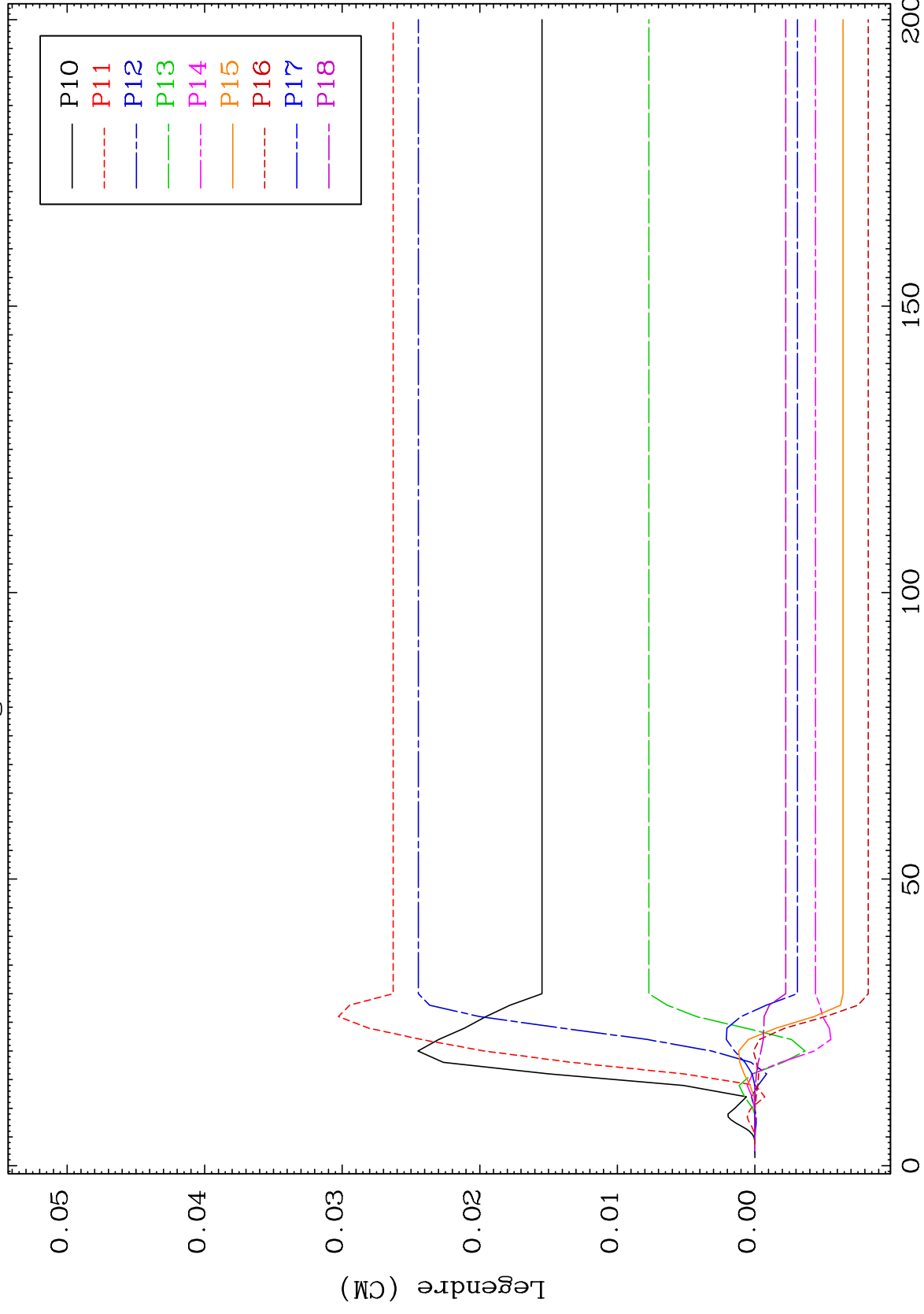
Incident Energy (MeV)

79-Au-193

MAT 7913

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

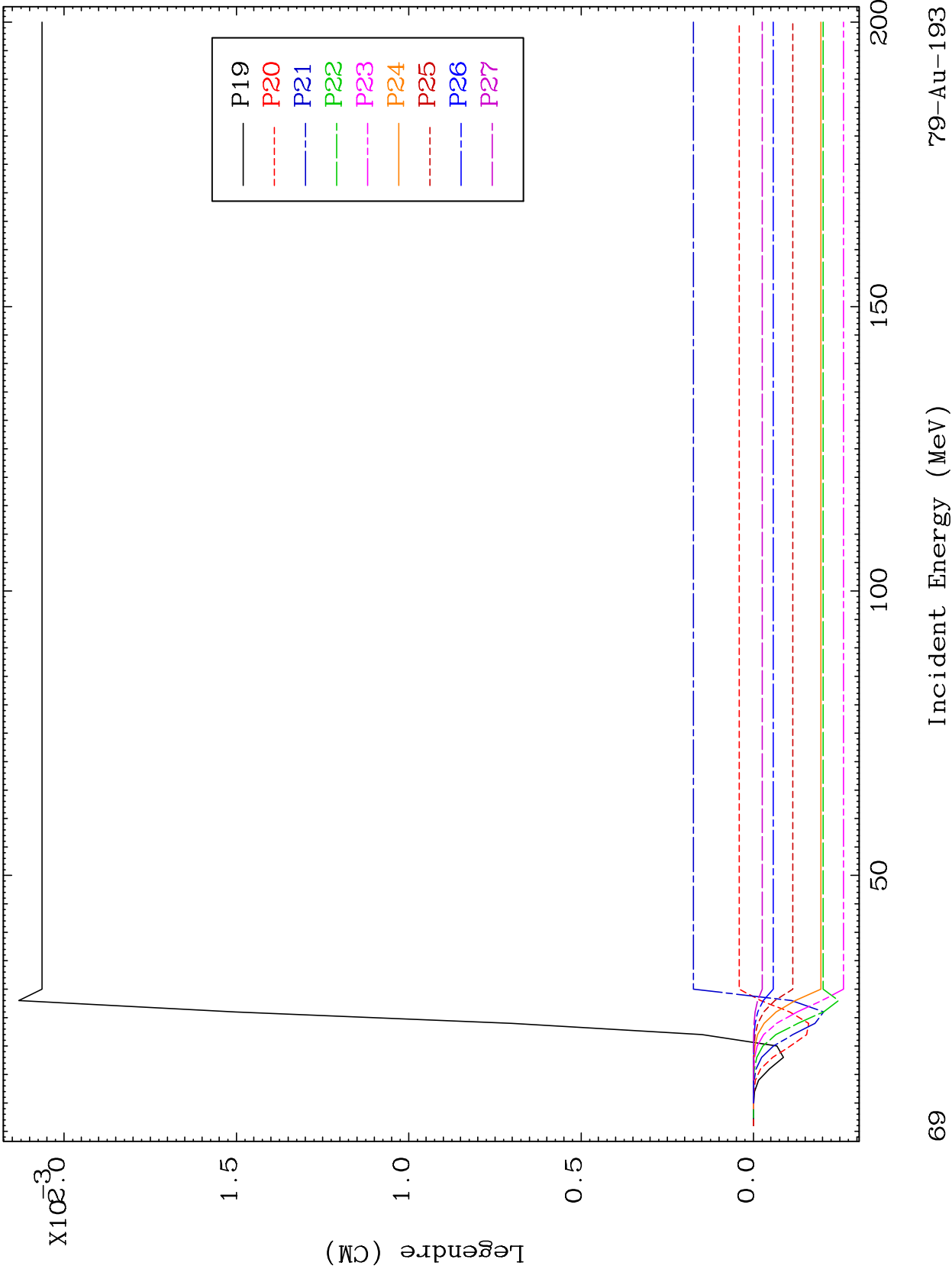
79-Au-193

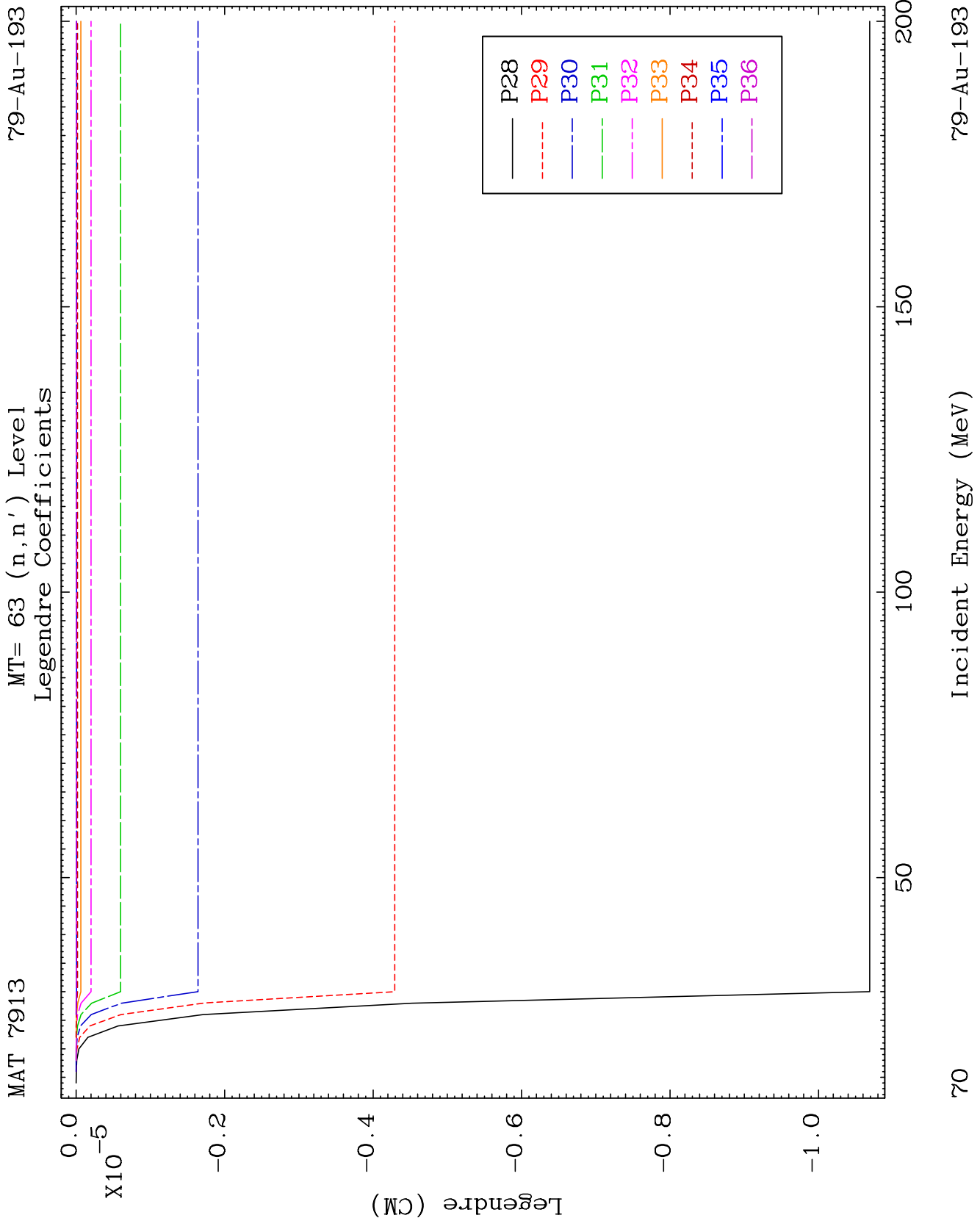


68

Incident Energy (MeV)

79-Au-193

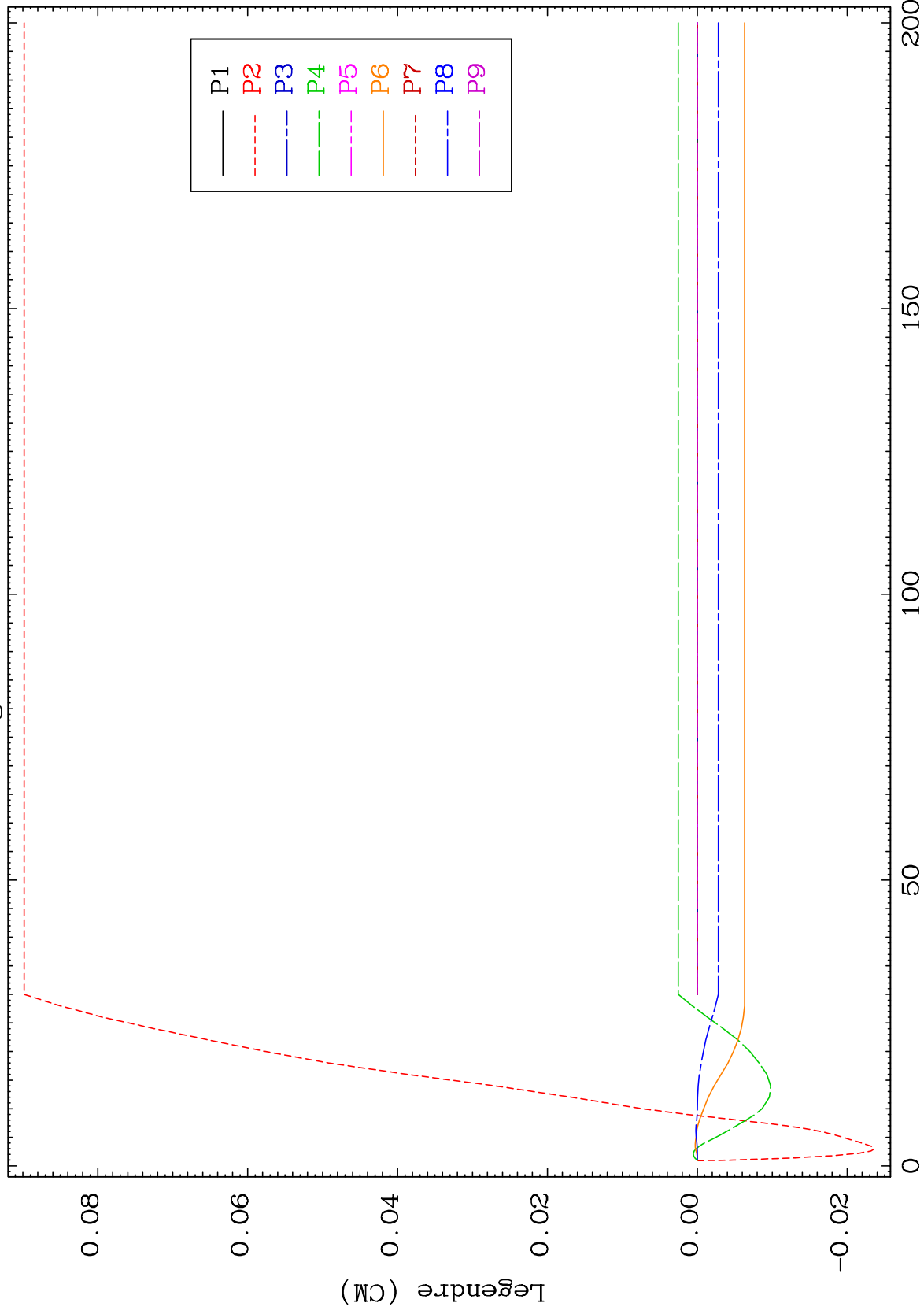




MAT 7913

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

79-Au-193



71

Incident Energy (MeV)

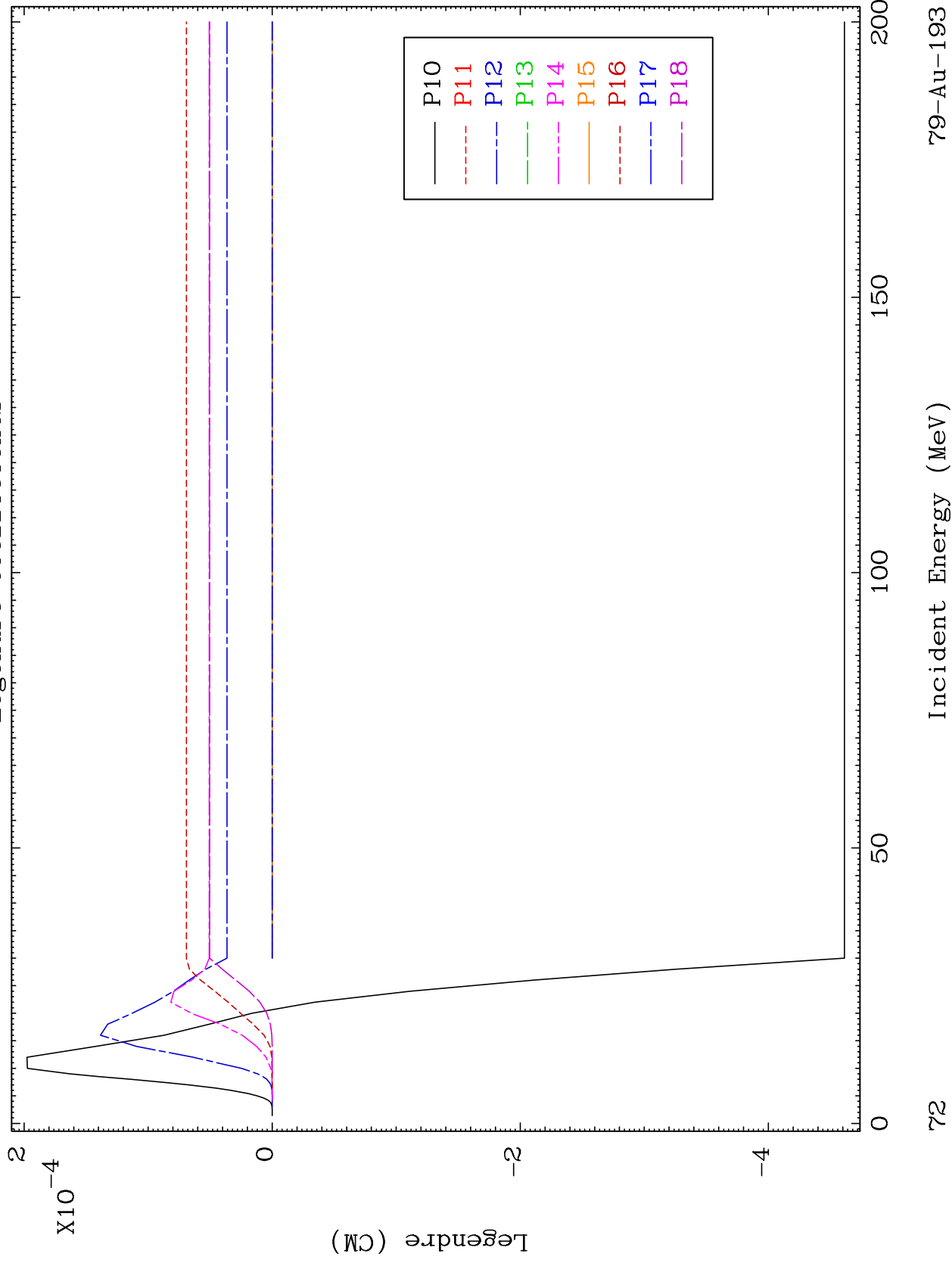
79-Au-193



MAT 7913

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

79-Au-193



72

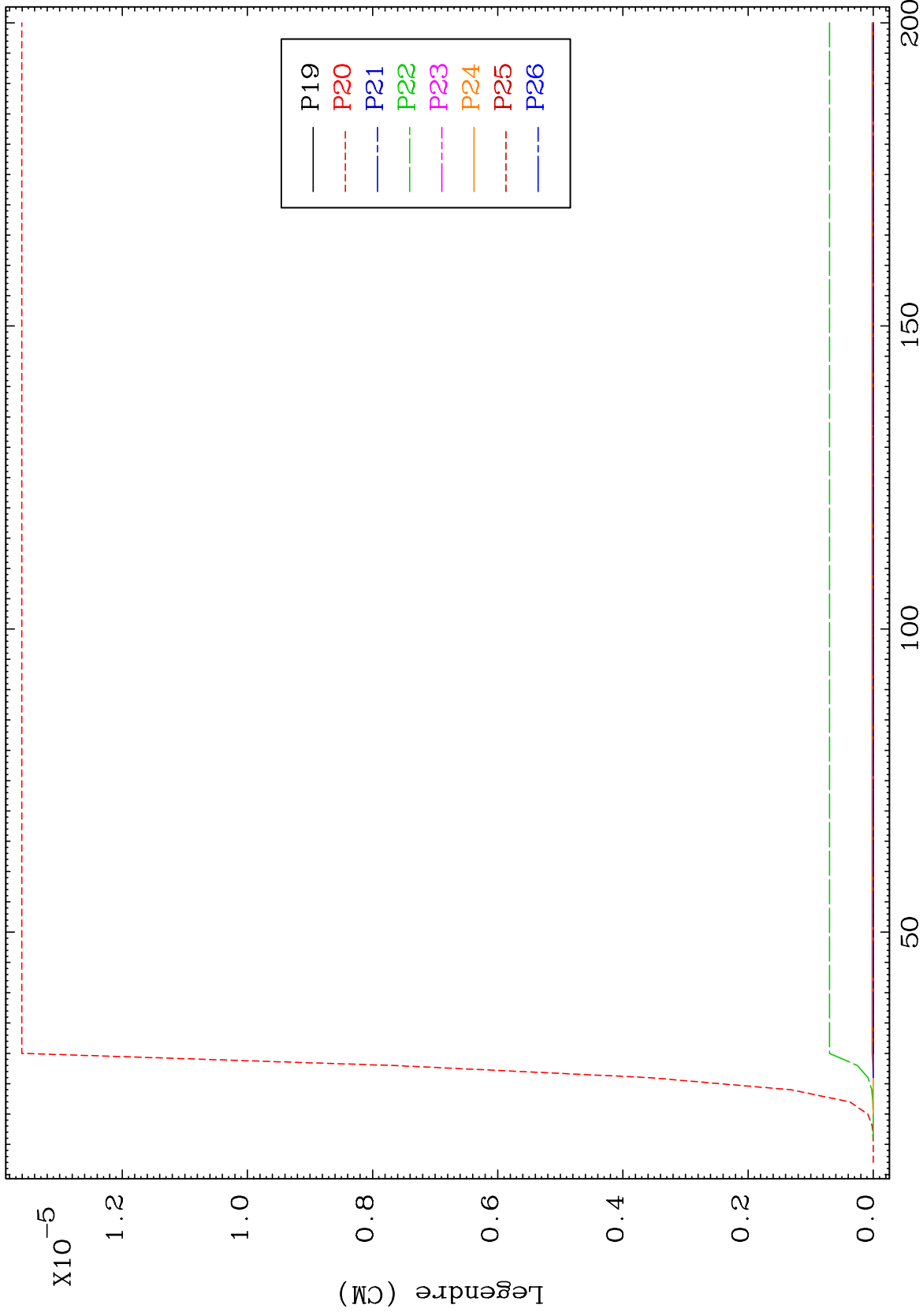
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



73

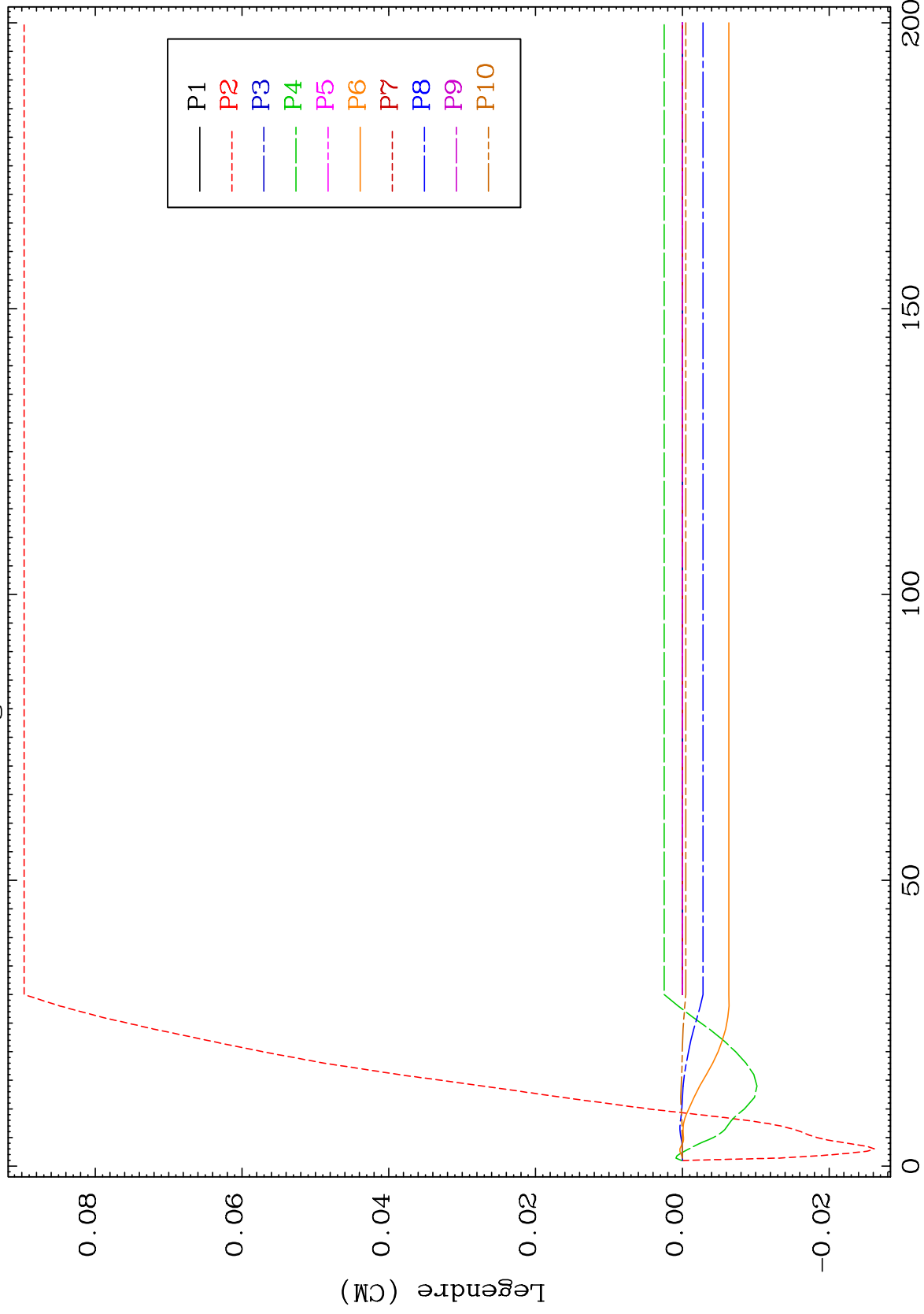
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



74

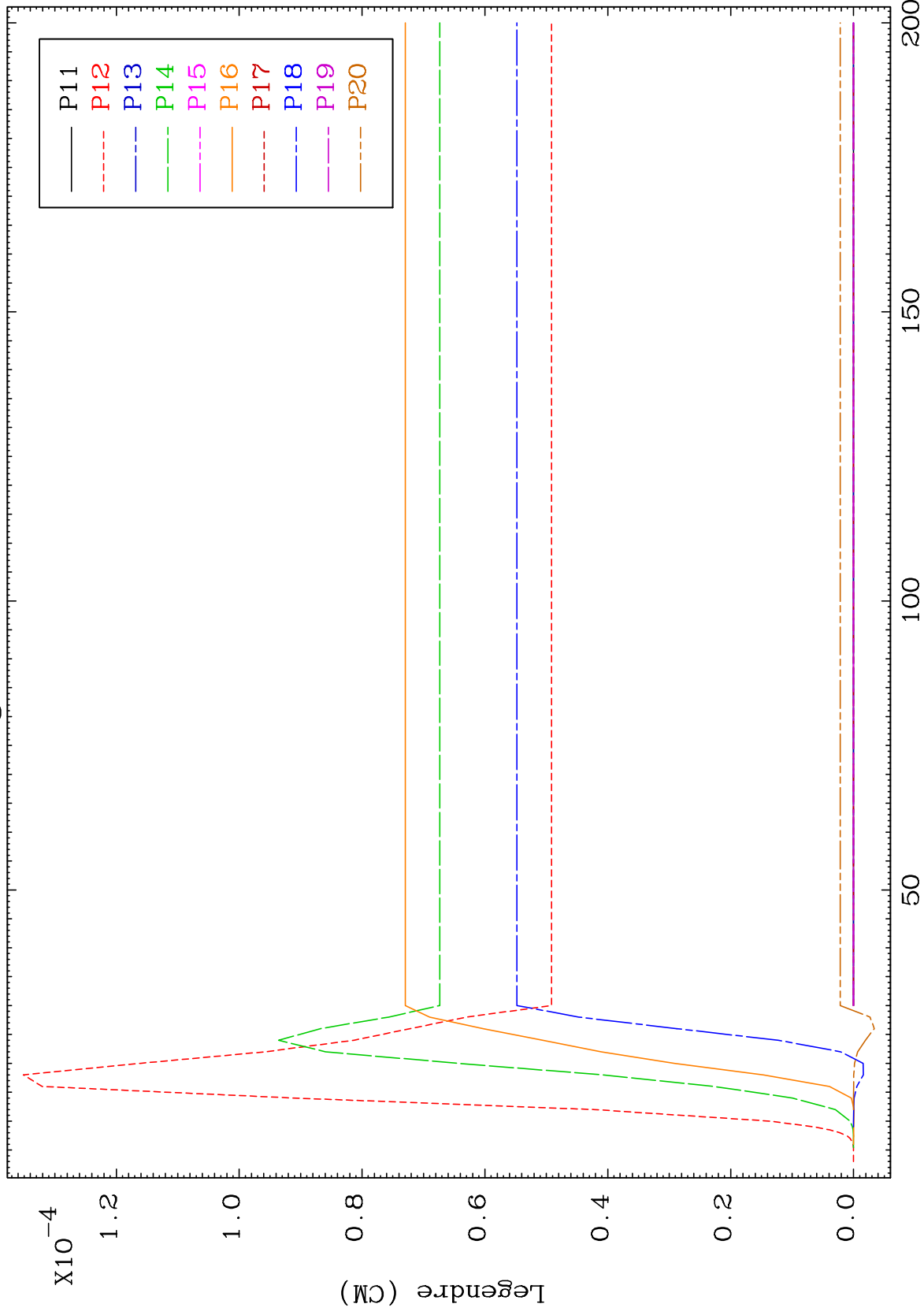
Incident Energy (MeV)

79-Au-193

MAT 7913

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

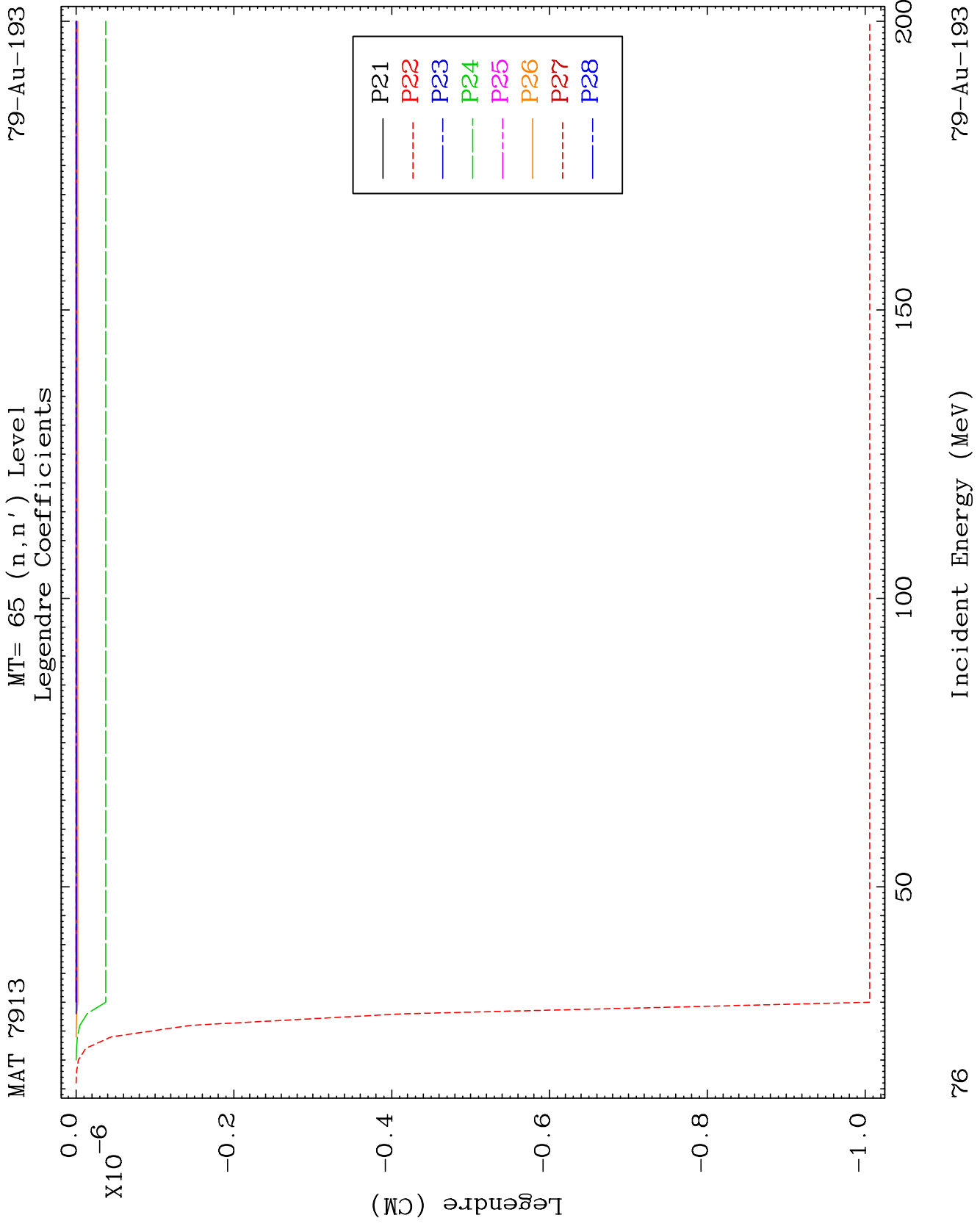
79-Au-193



75

Incident Energy (MeV)

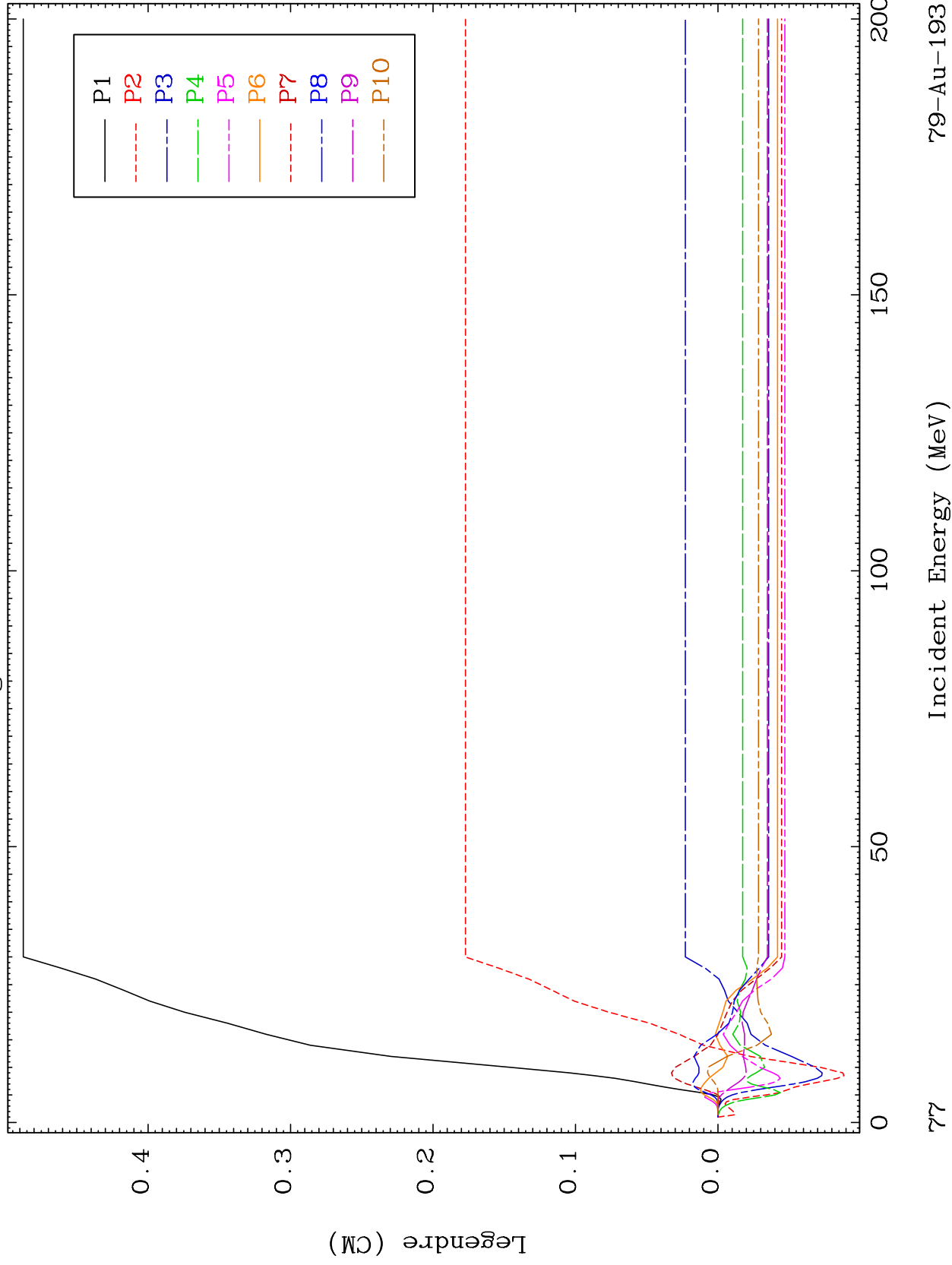
79-Au-193



MAT 7913

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

79-Au-193



79-Au-193

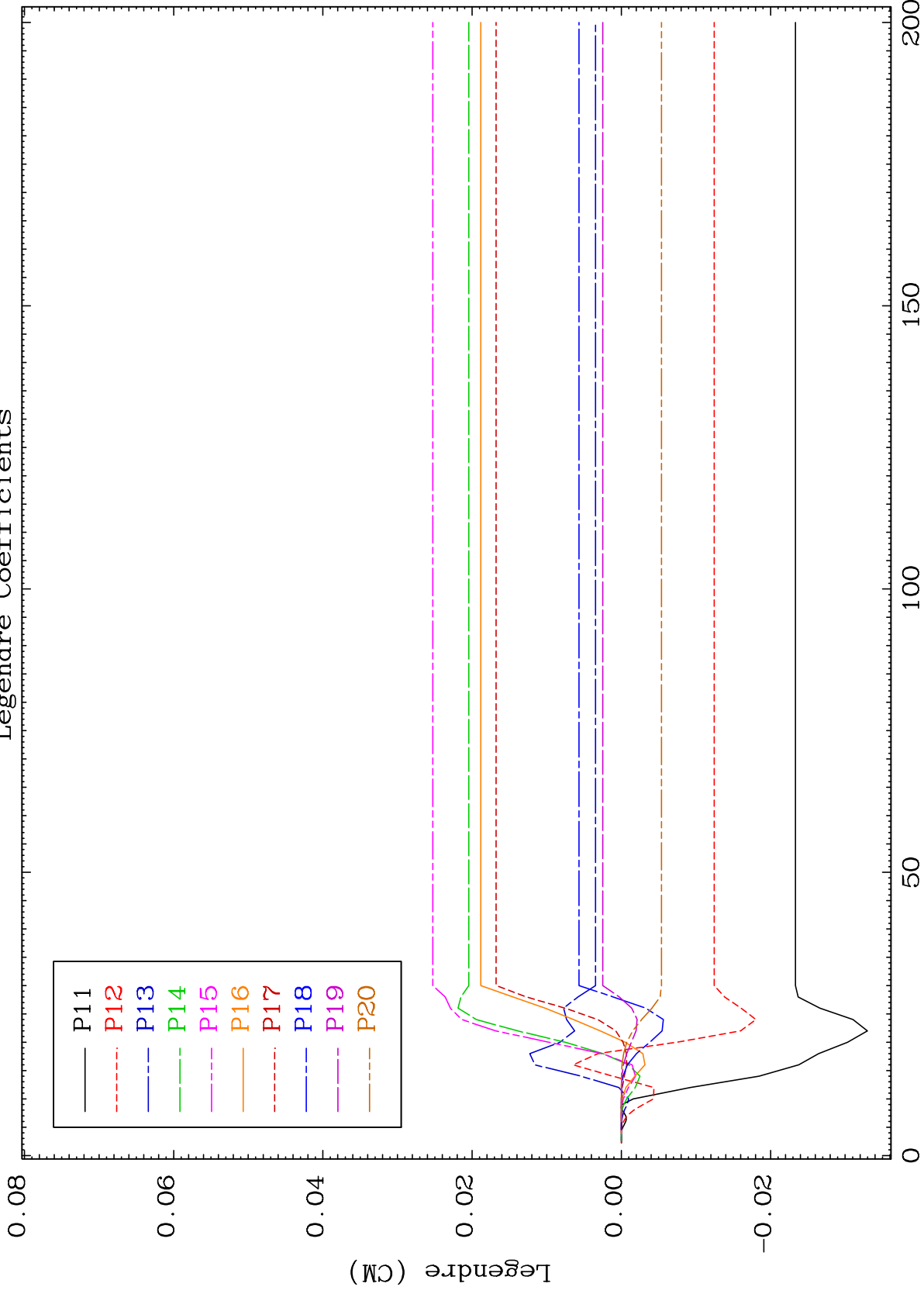
Incident Energy (MeV)

77

MAT 7913

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

79-Au-193



78

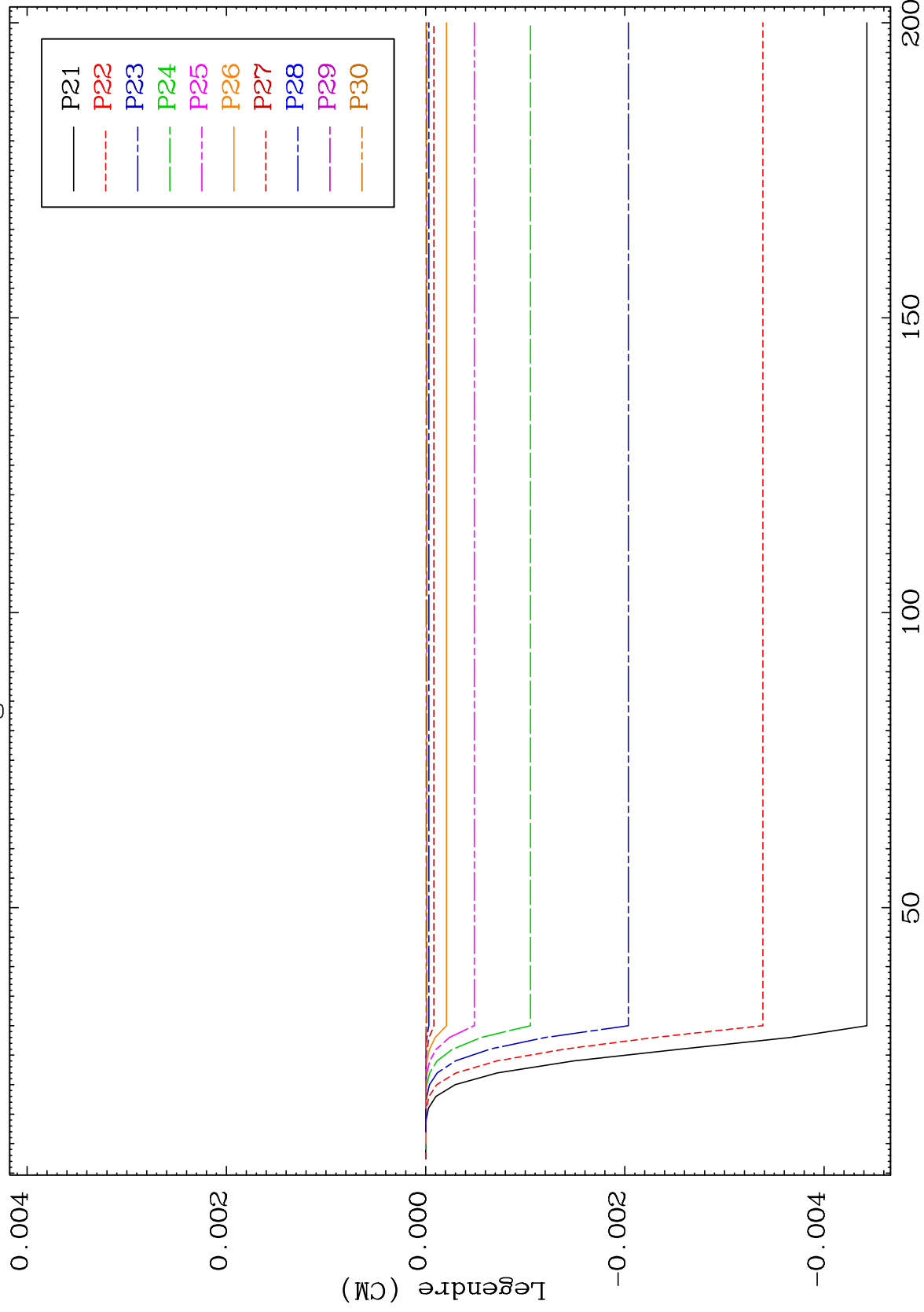
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193

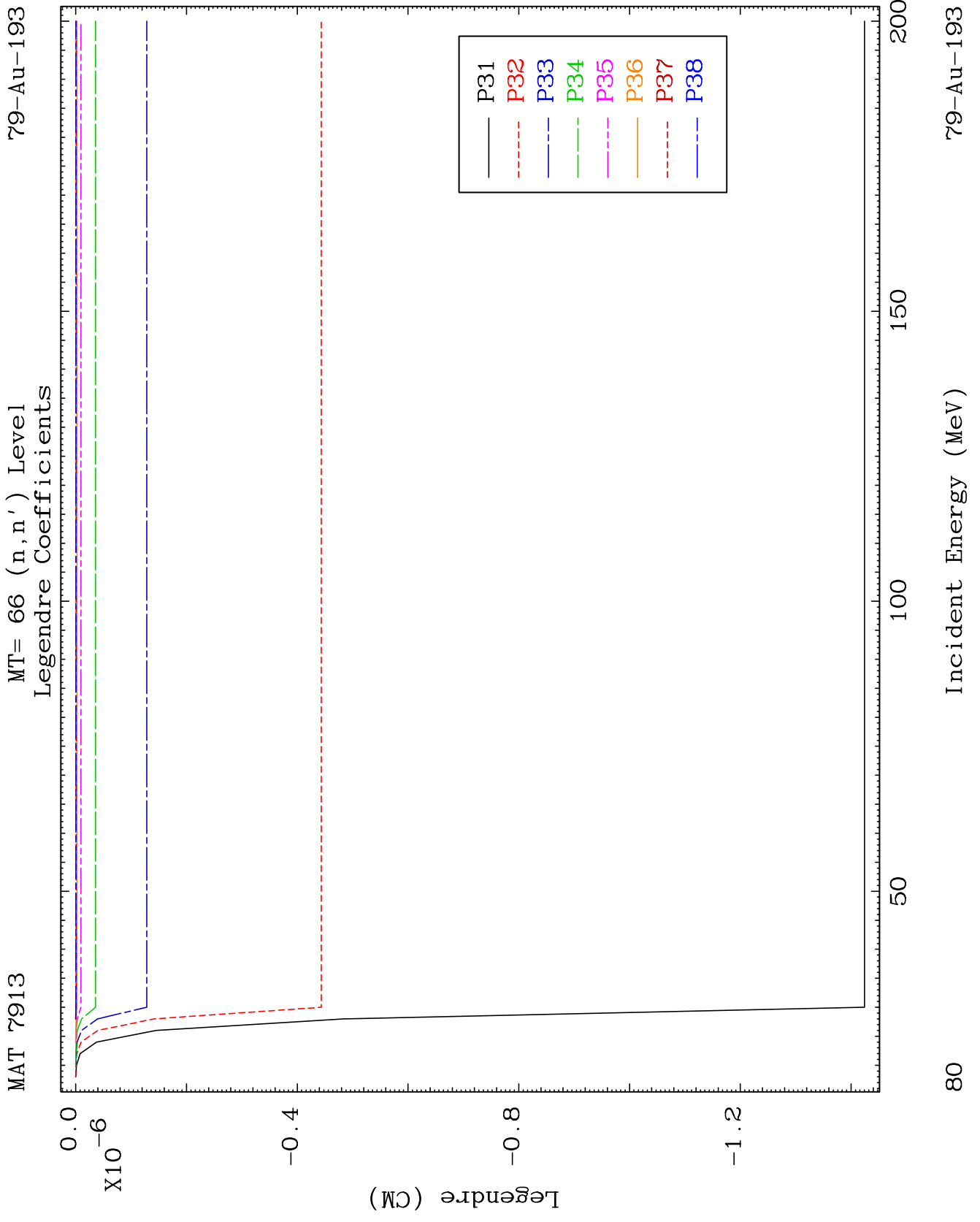


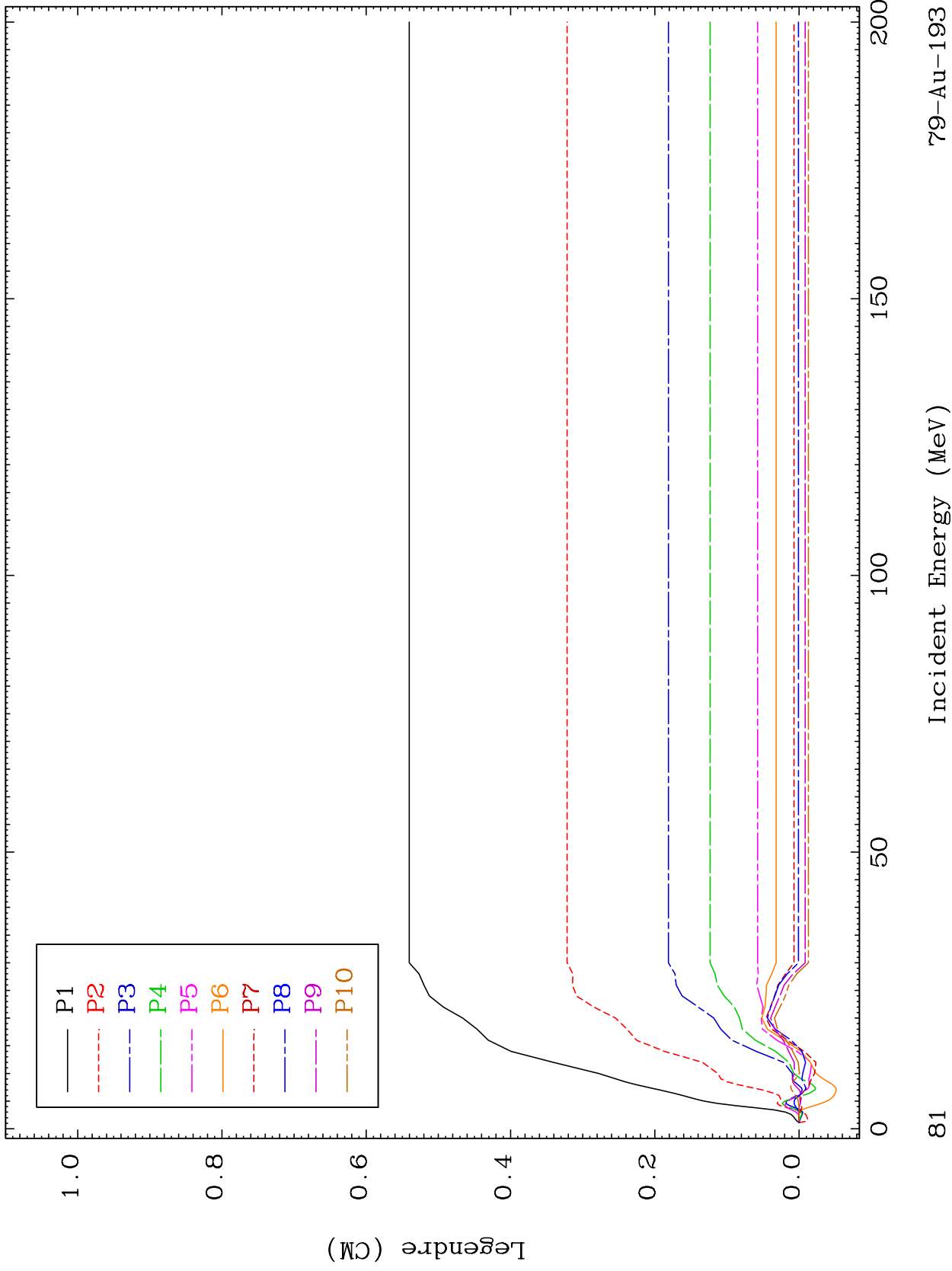
79

Incident Energy (MeV)

79-Au-193



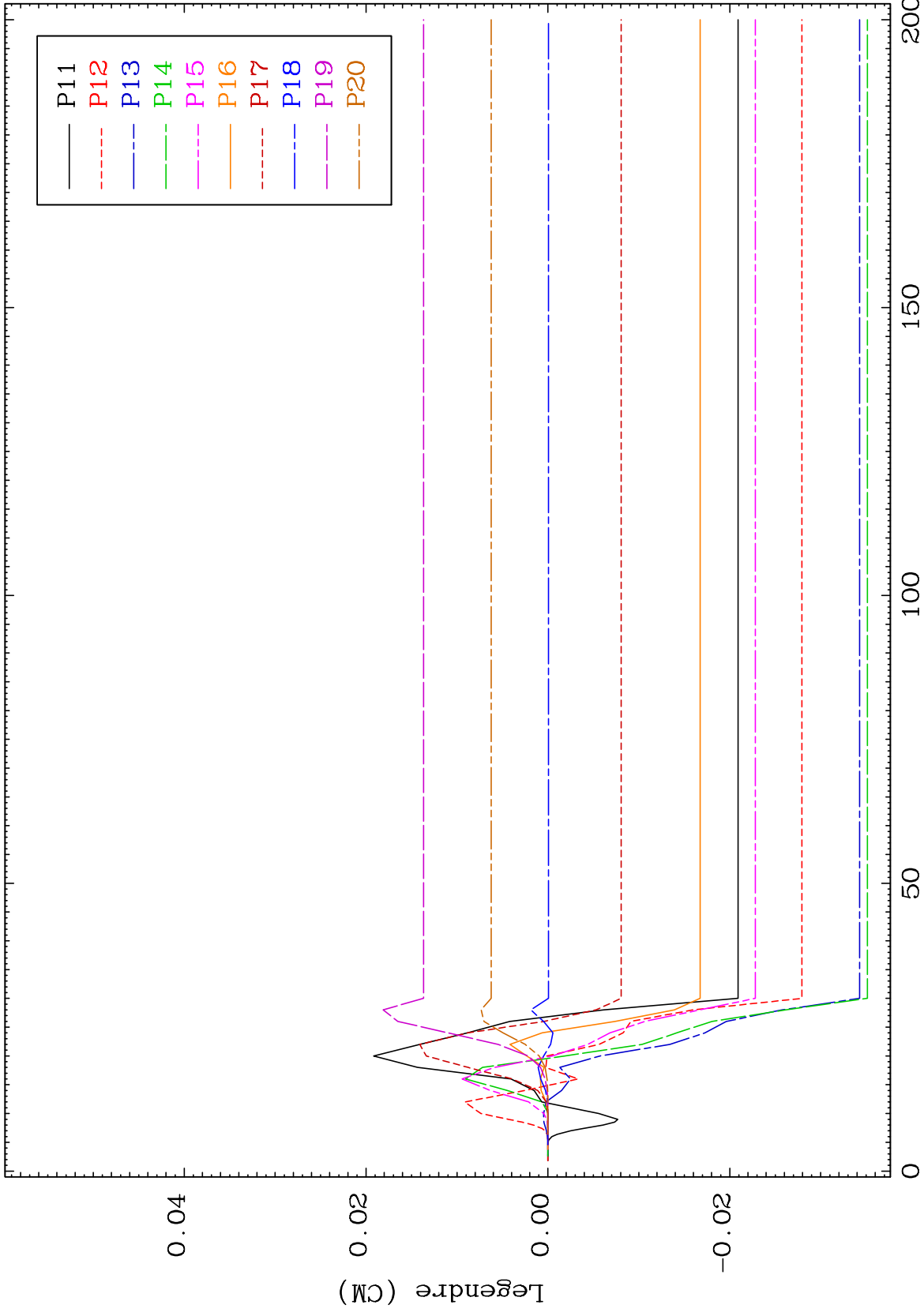




MAT 7913

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

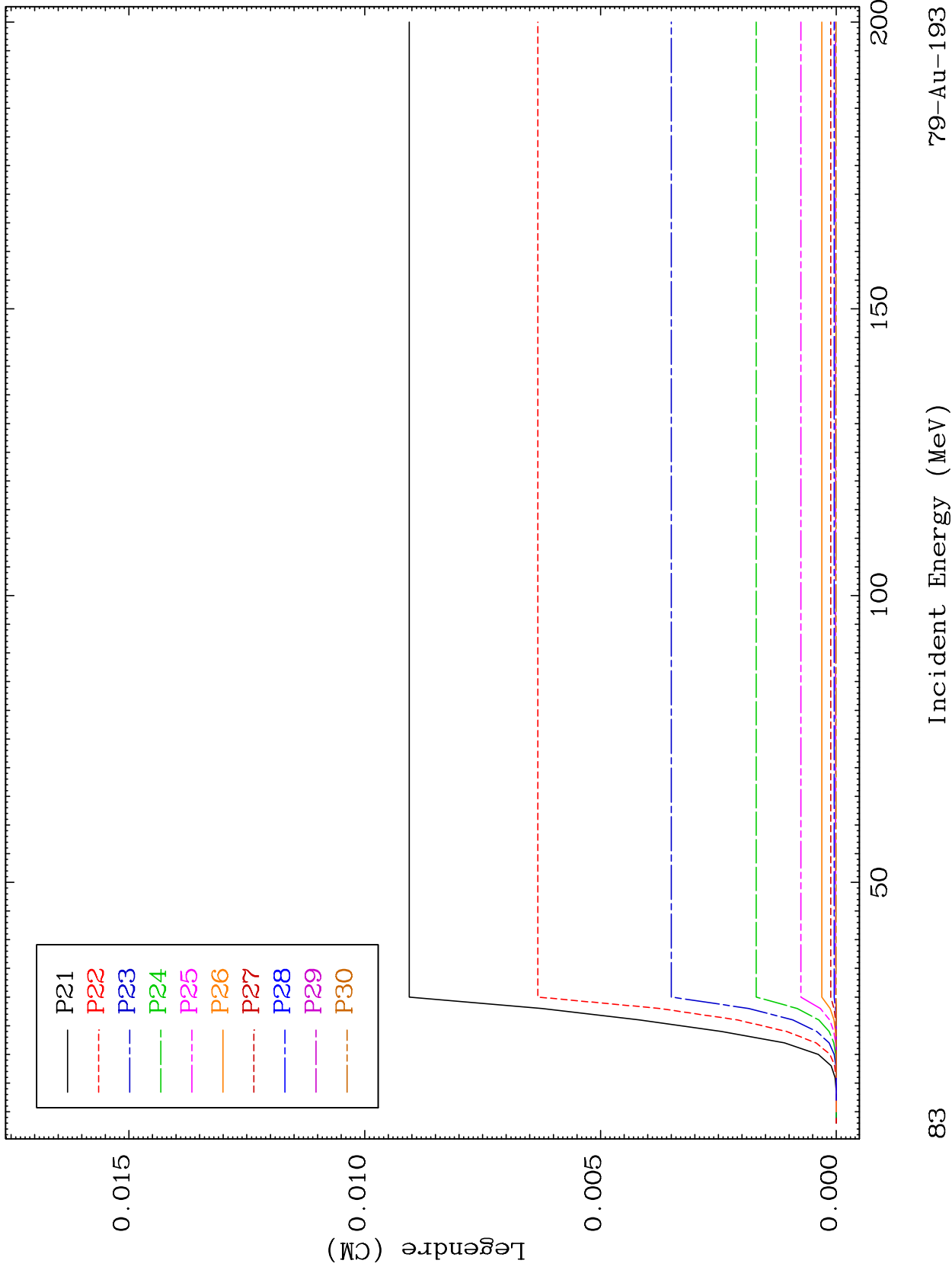
79-Au-193



82

Incident Energy (MeV)

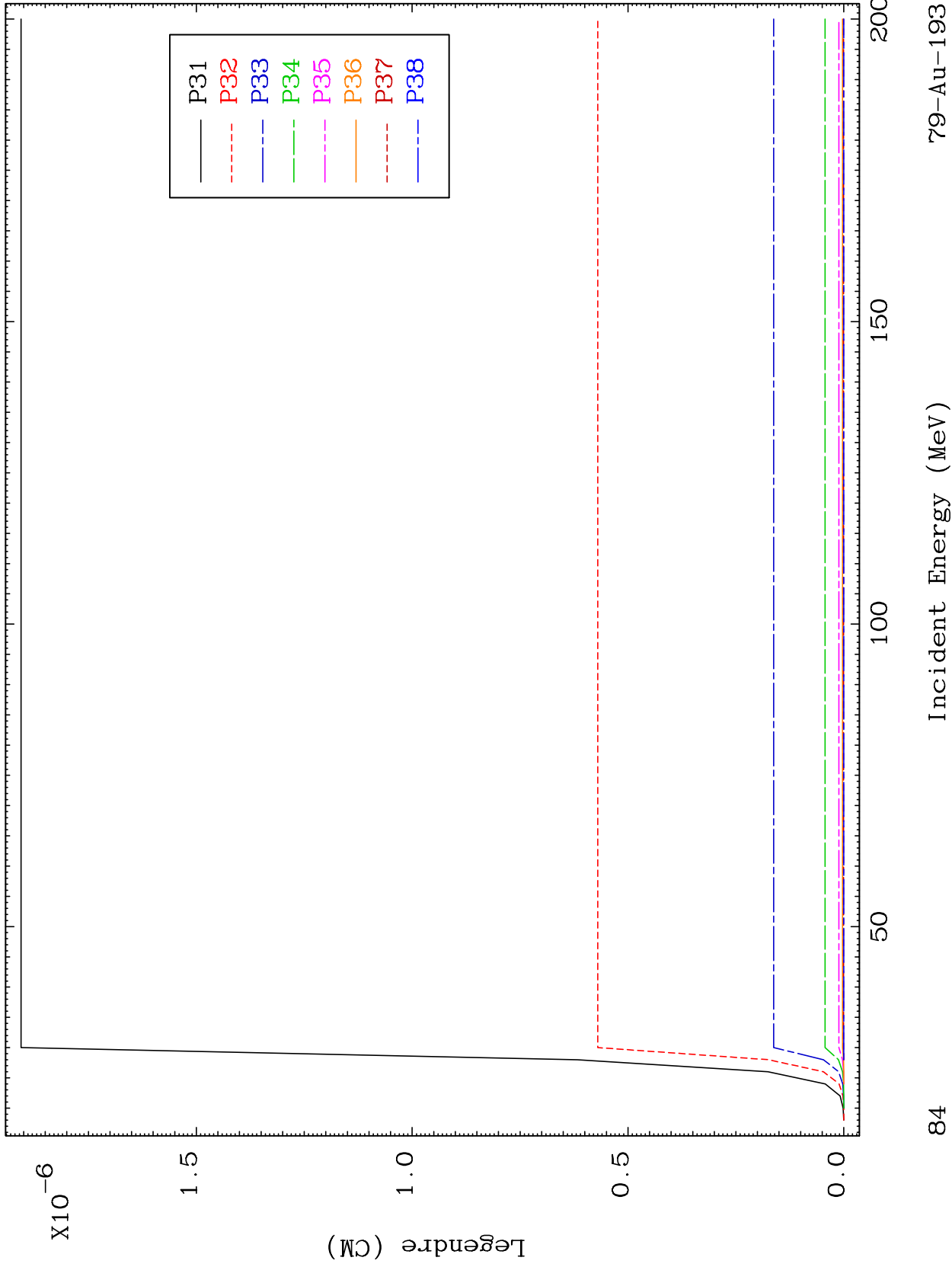
79-Au-193



MAT 7913

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

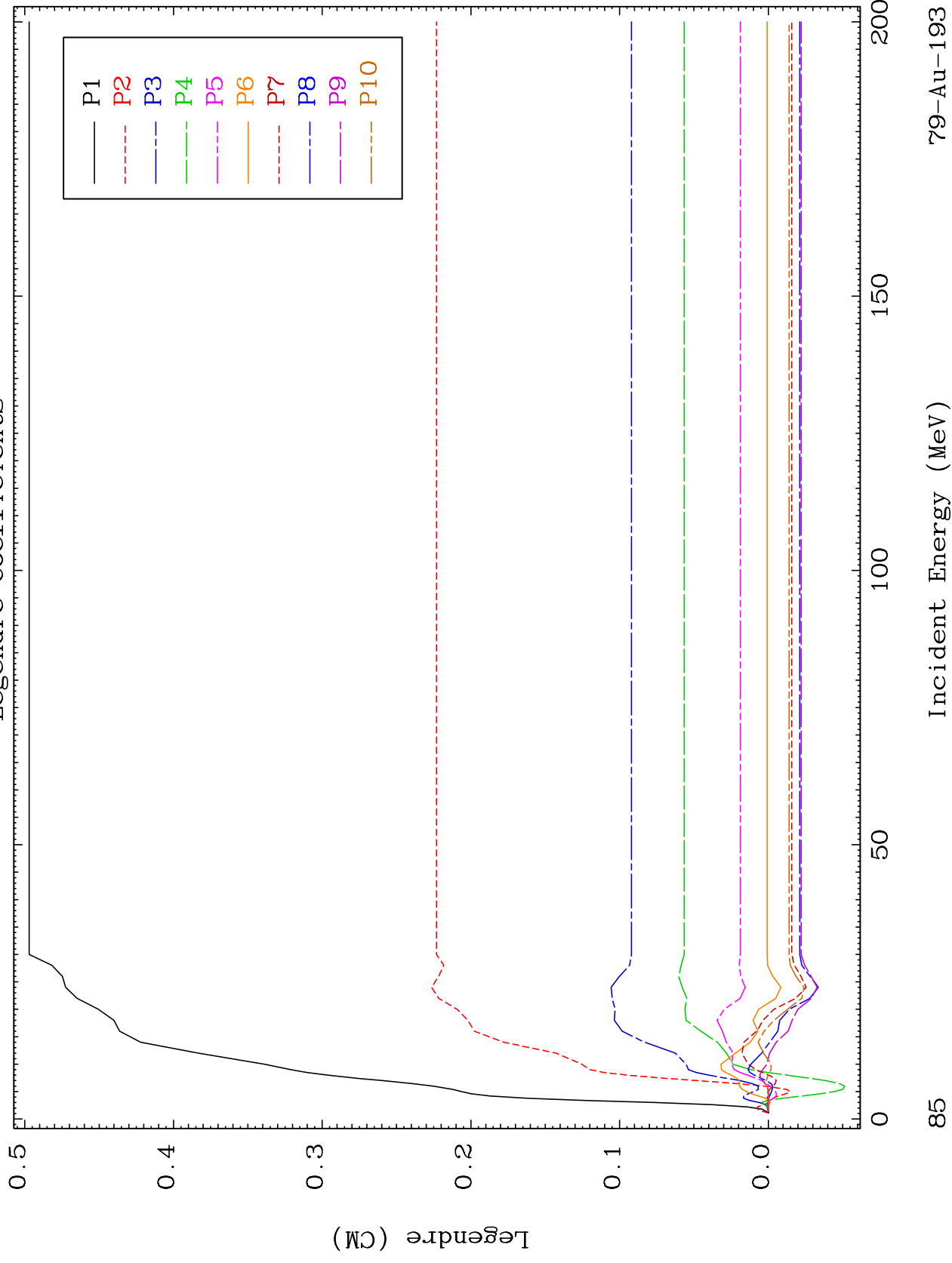
79-Au-193



MAT 7913

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

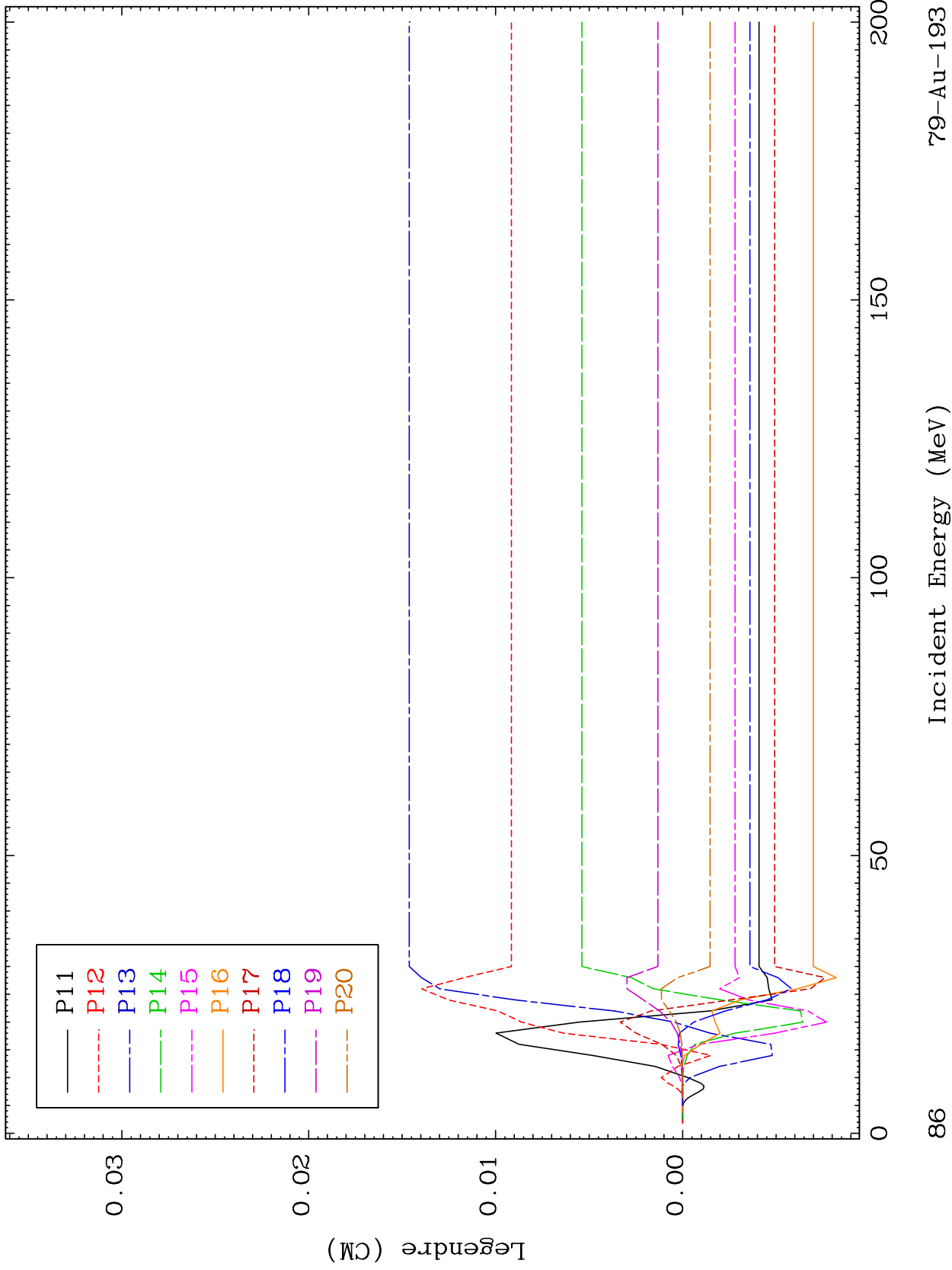
79-Au-193

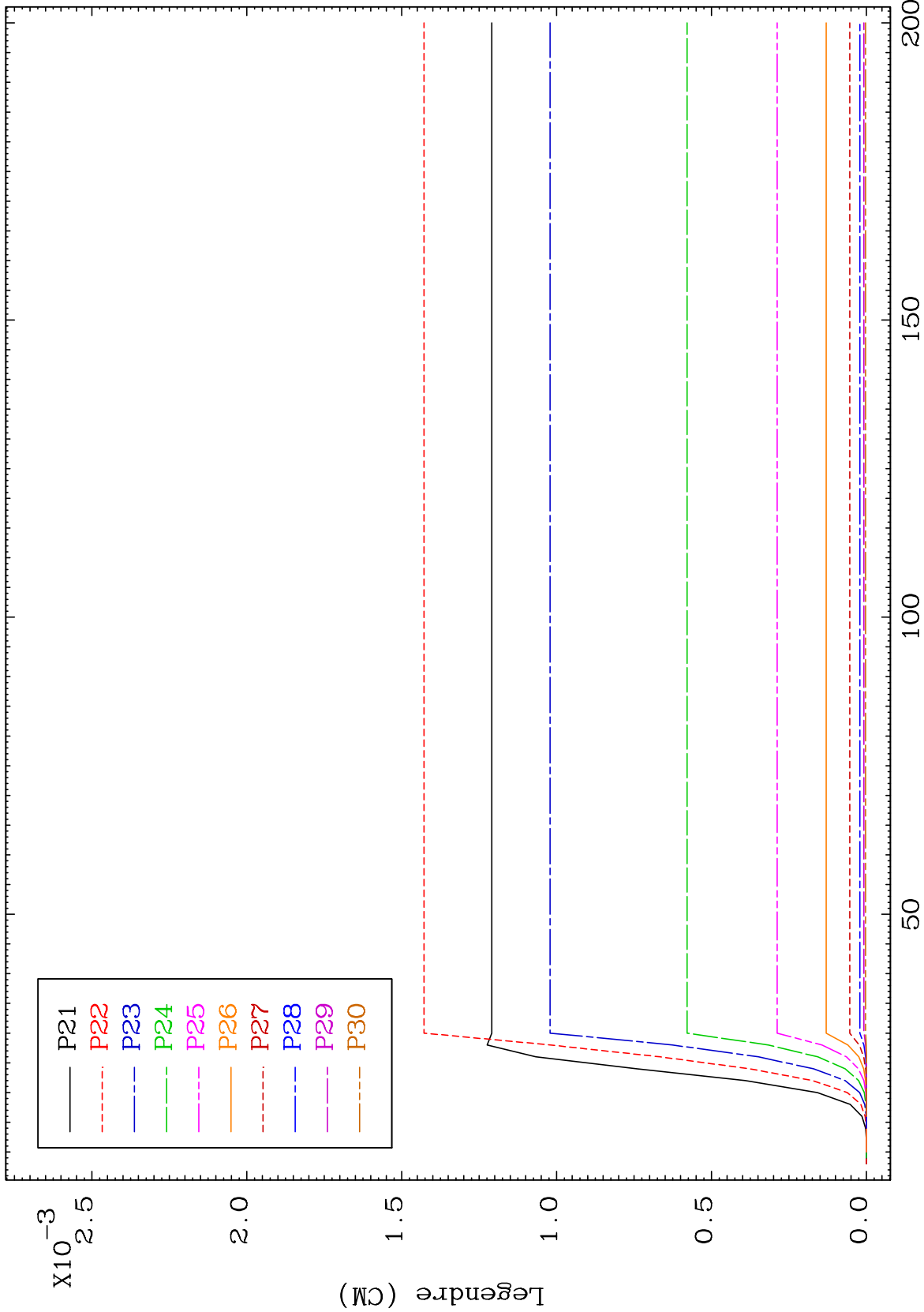


79-Au-193

Incident Energy (MeV)

85



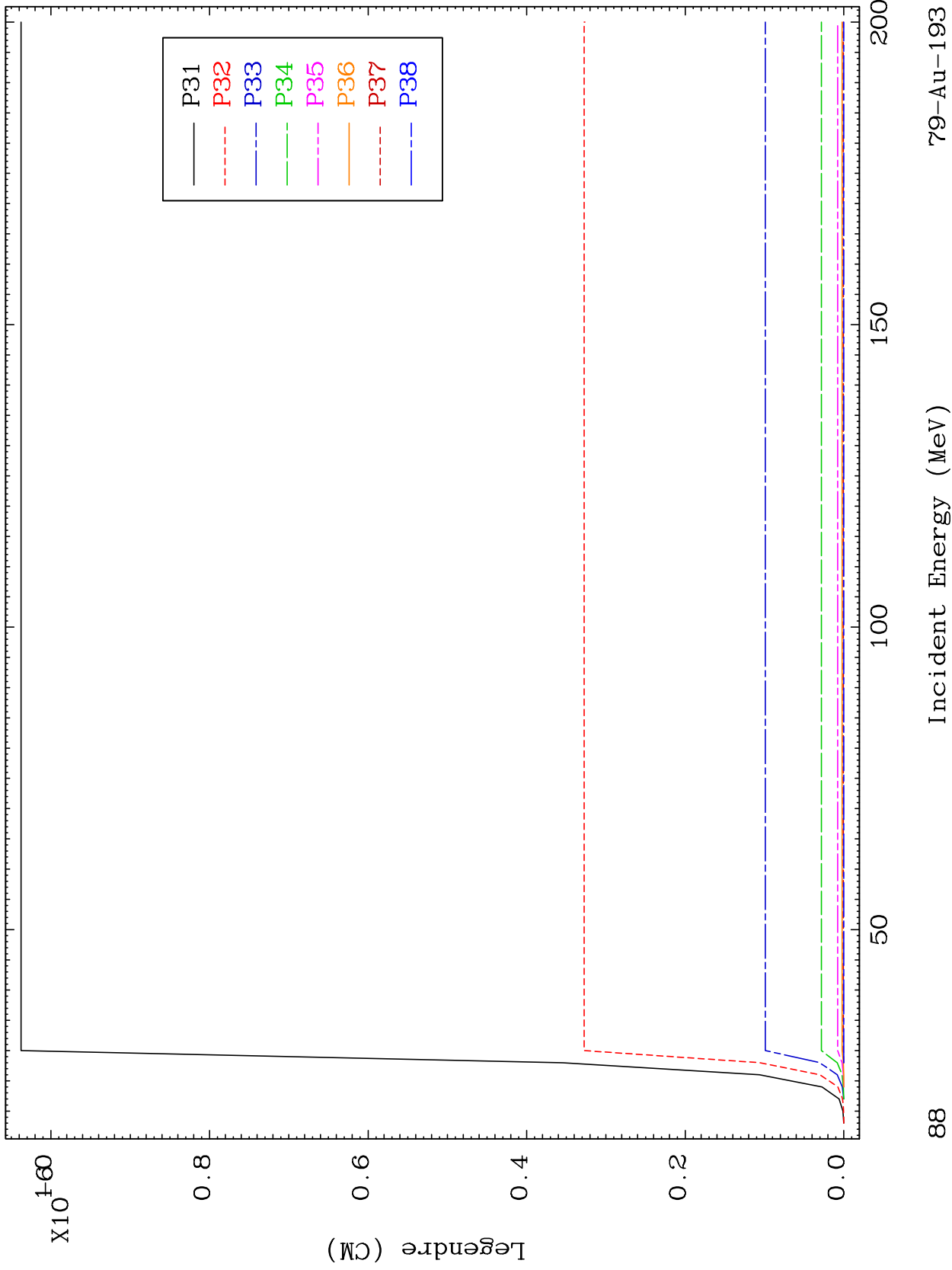


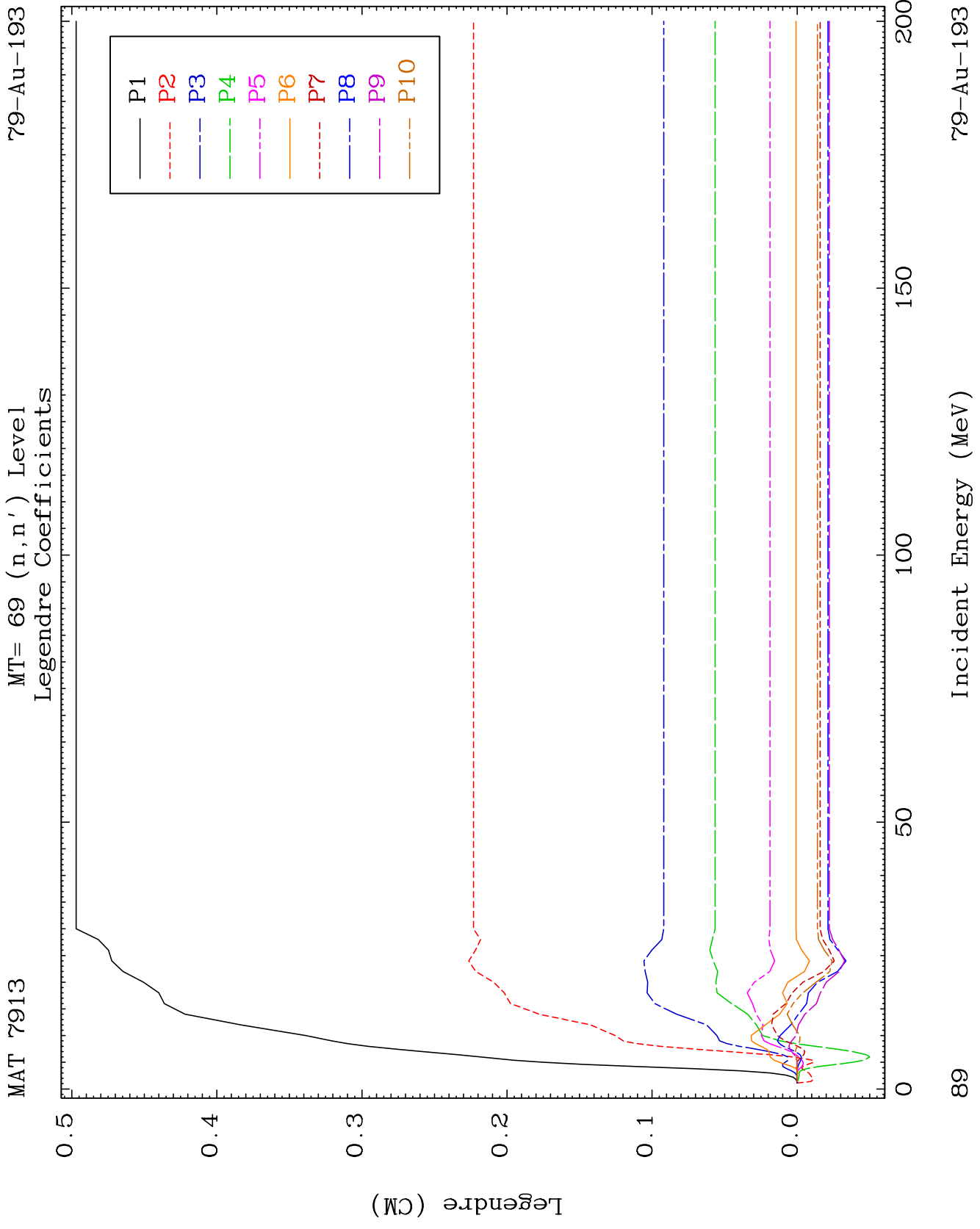


MAT 7913

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

79-Au-193

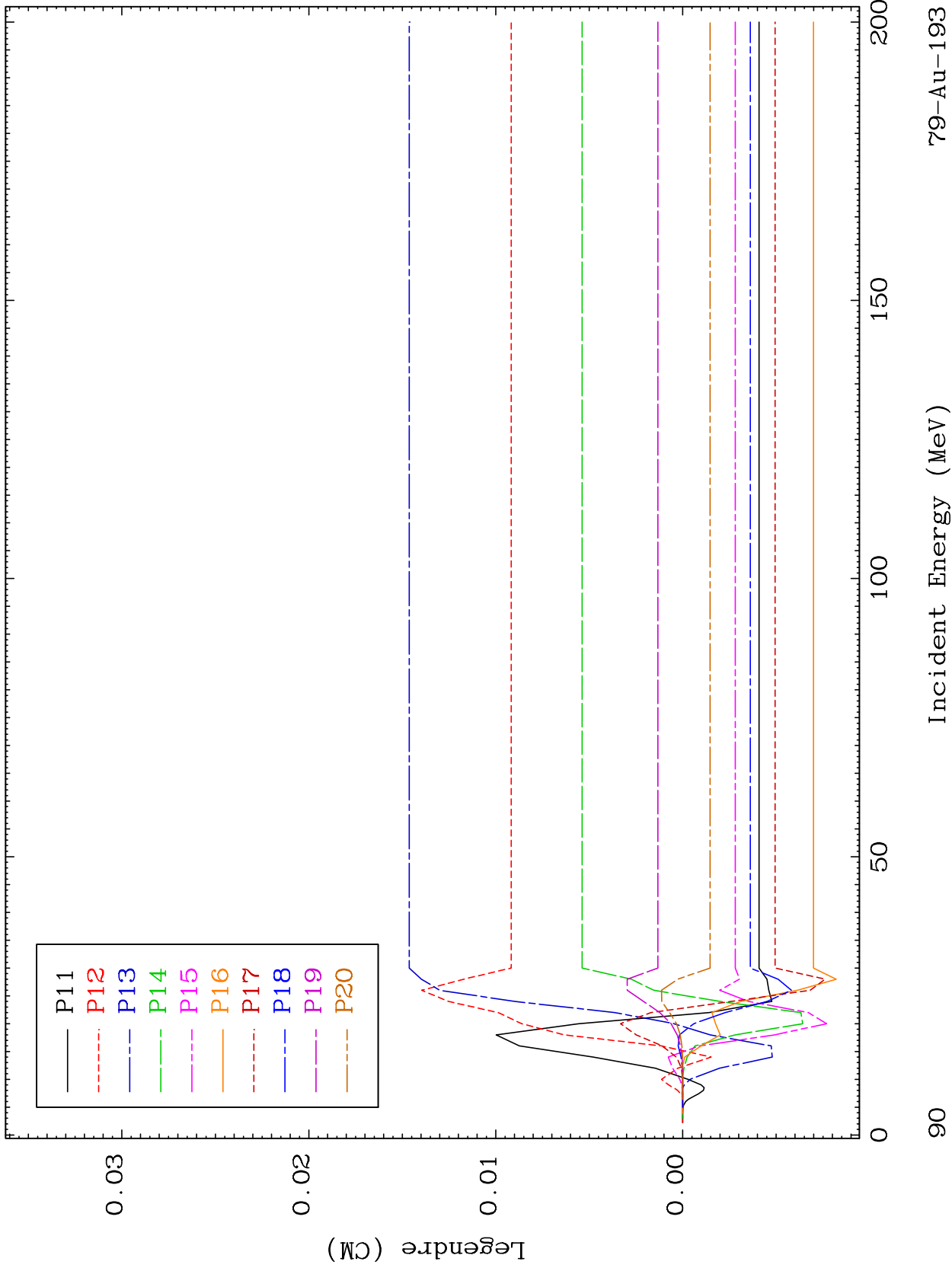




MAT 7913

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

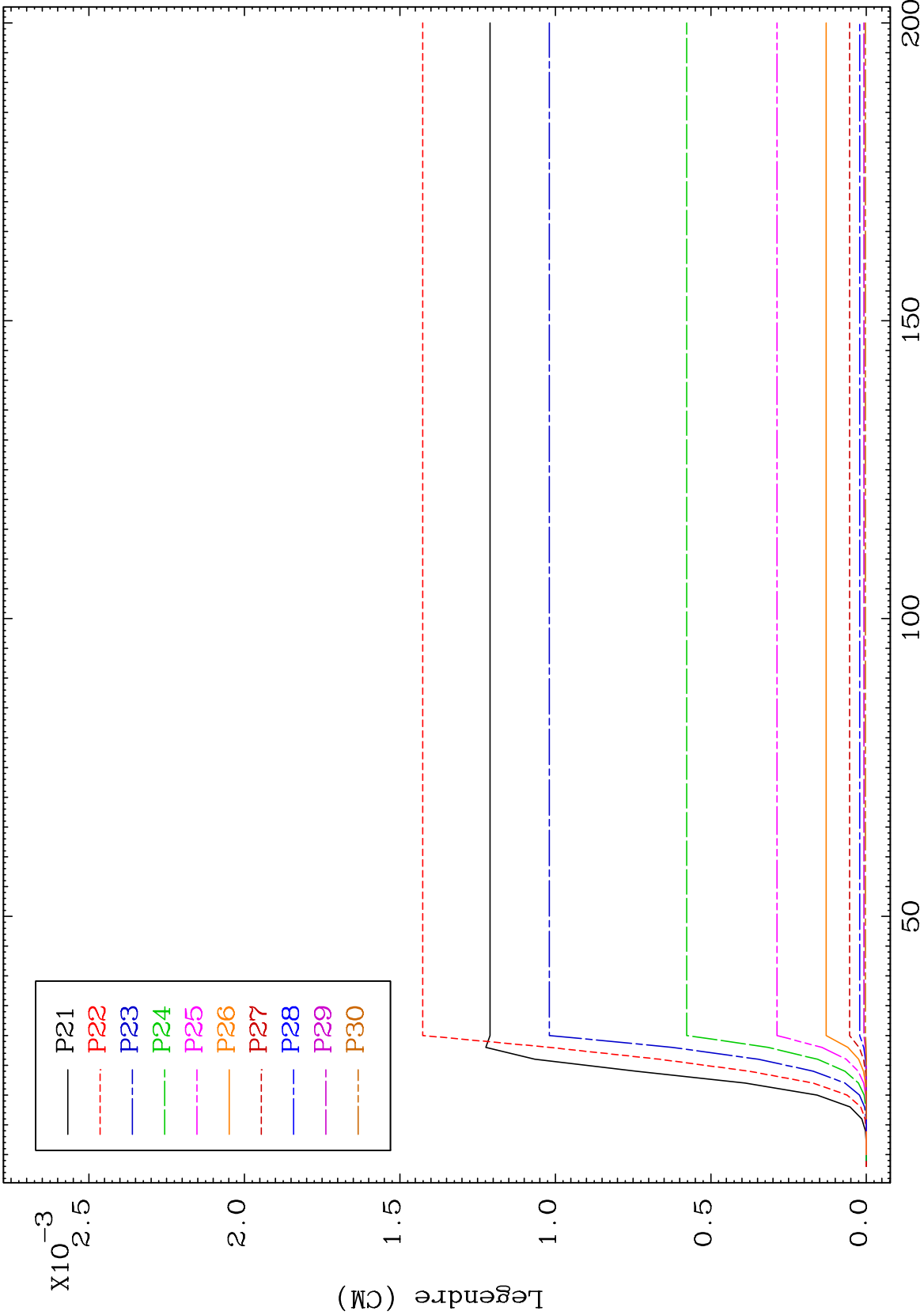
79-Au-193



79-Au-193

Incident Energy (MeV)

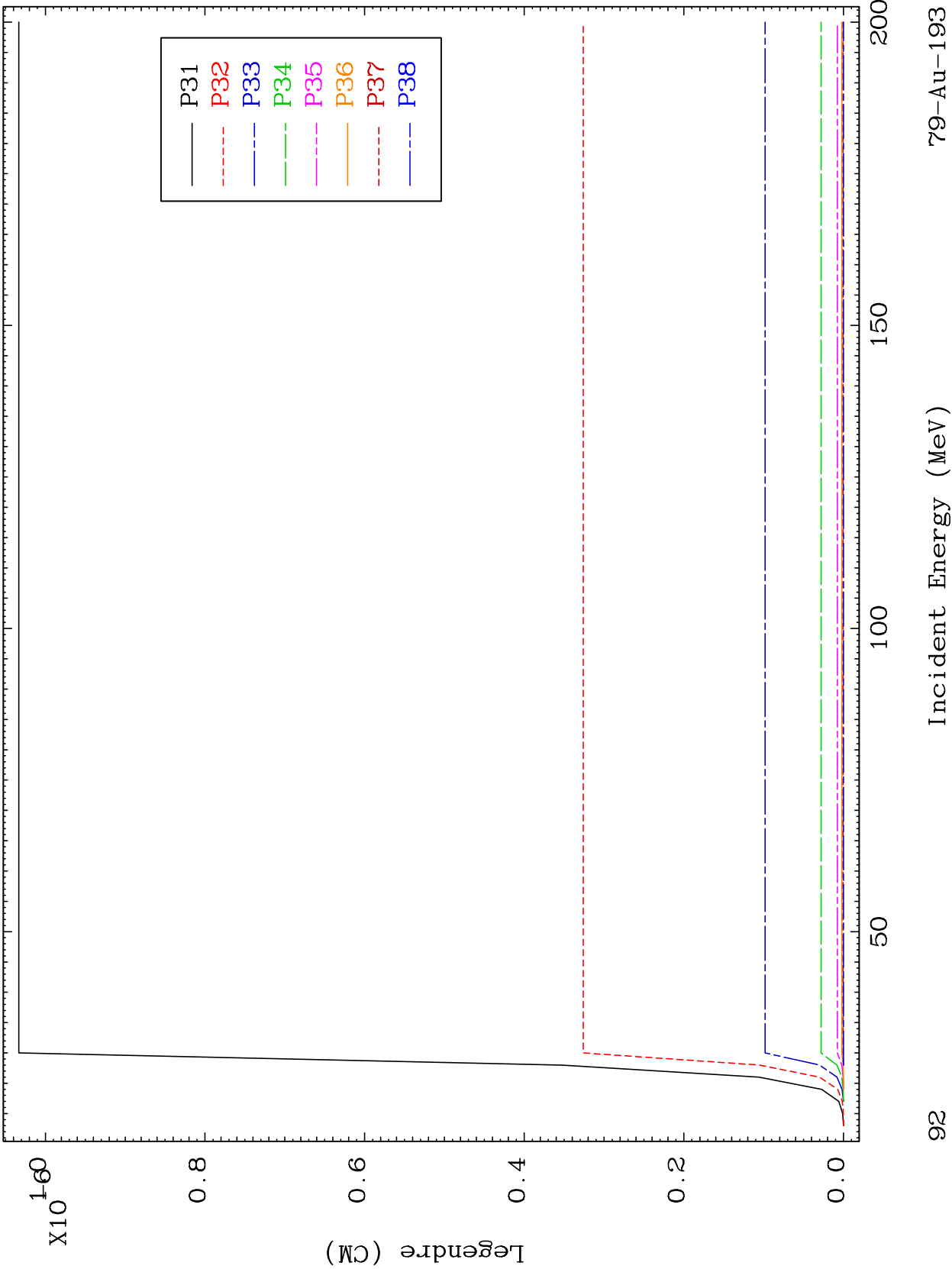
90



MAT 7913

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

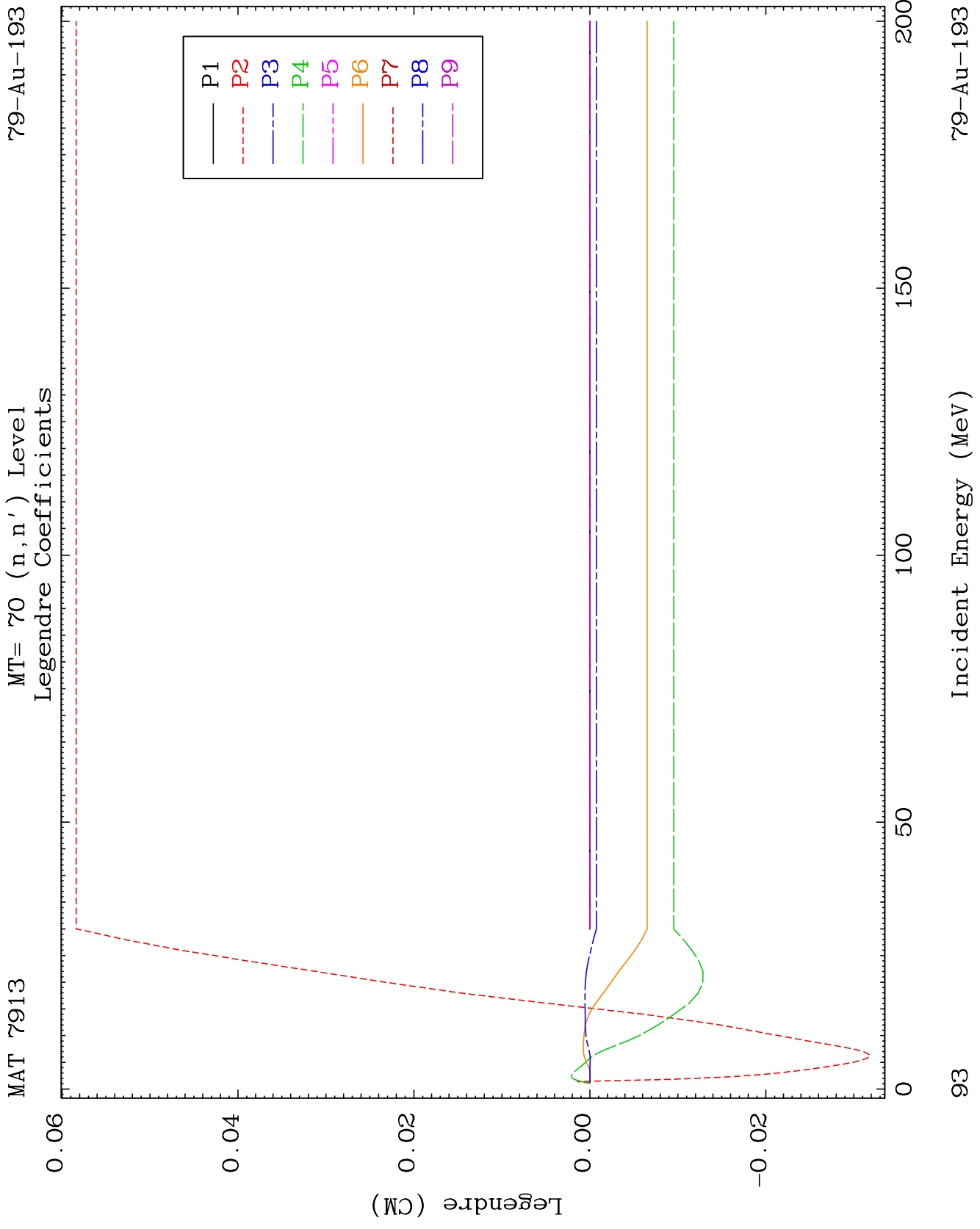
79-Au-193



92

Incident Energy (MeV)

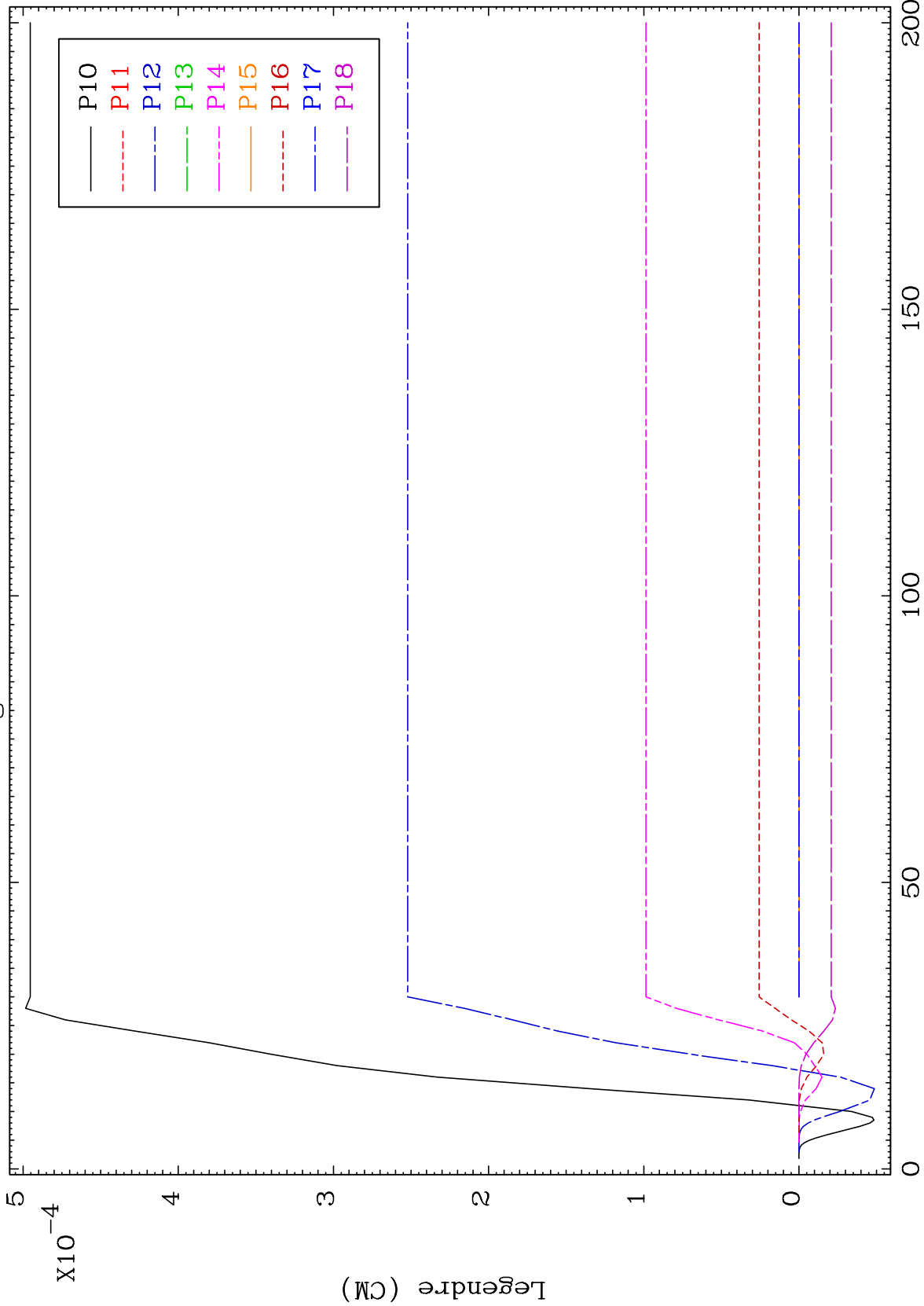
79-Au-193



MAT 7913

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

79-Au-193



94

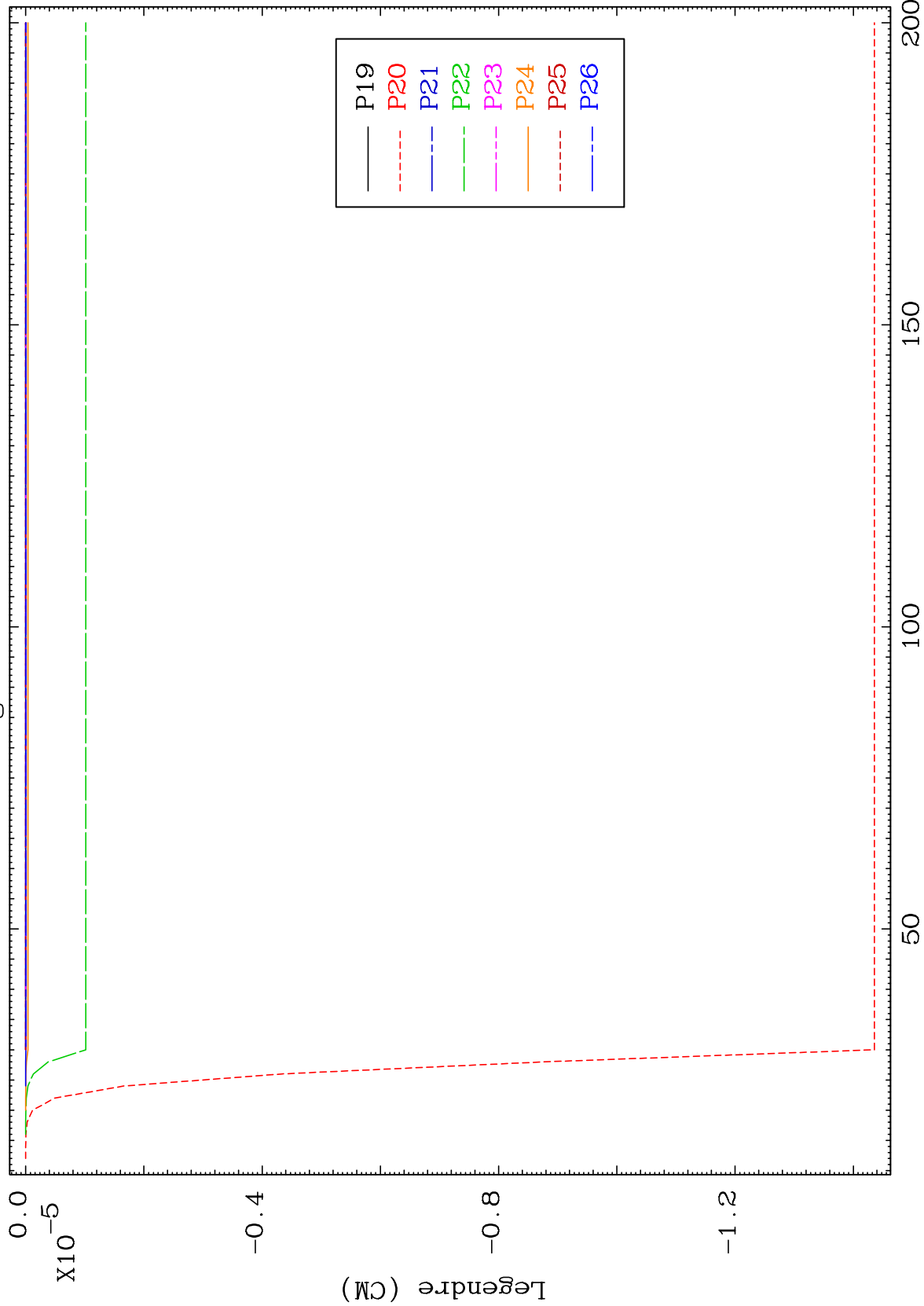
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



95

Incident Energy (MeV)

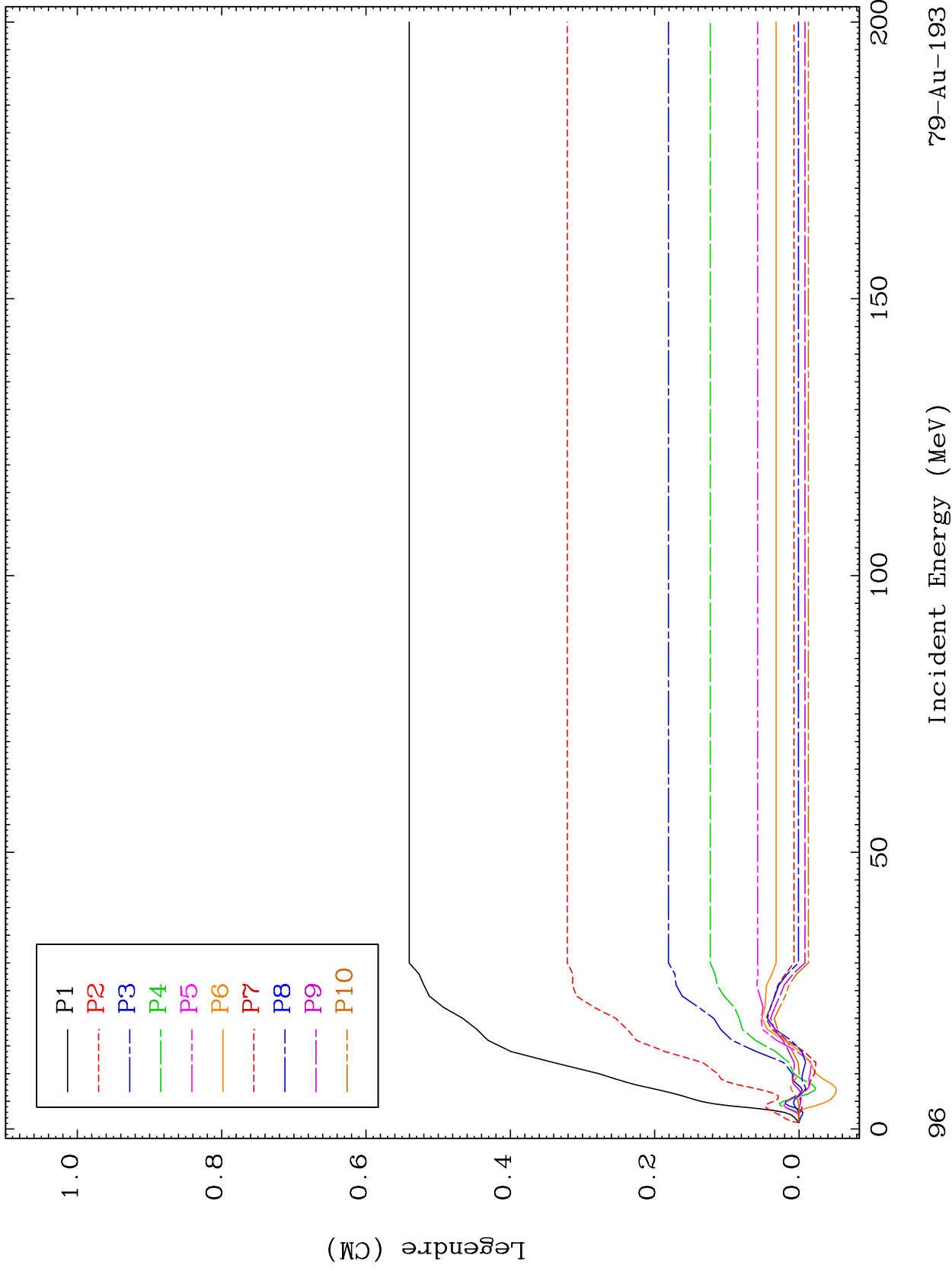
79-Au-193



MAT 7913

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

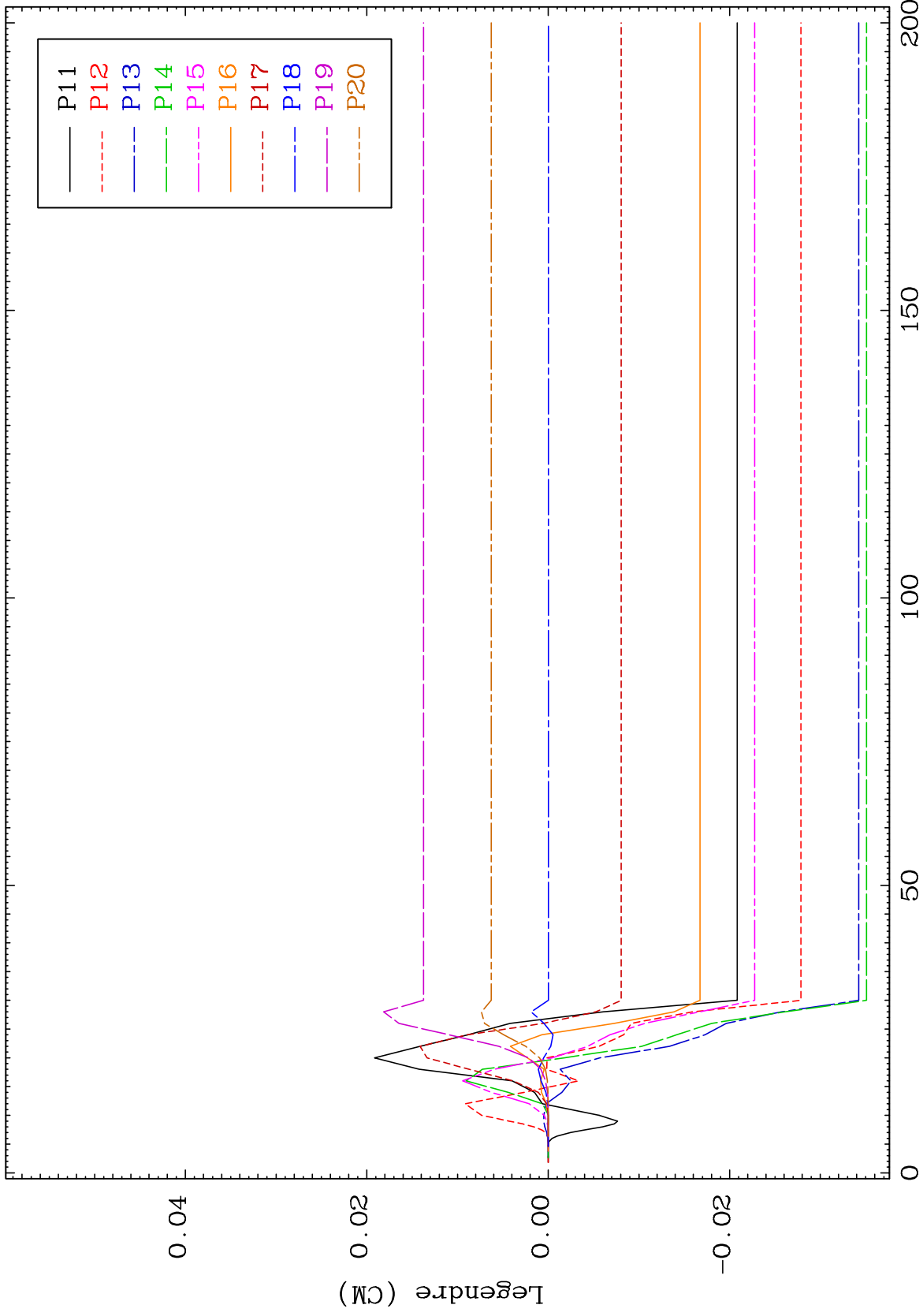
79-Au-193



MAT 7913

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

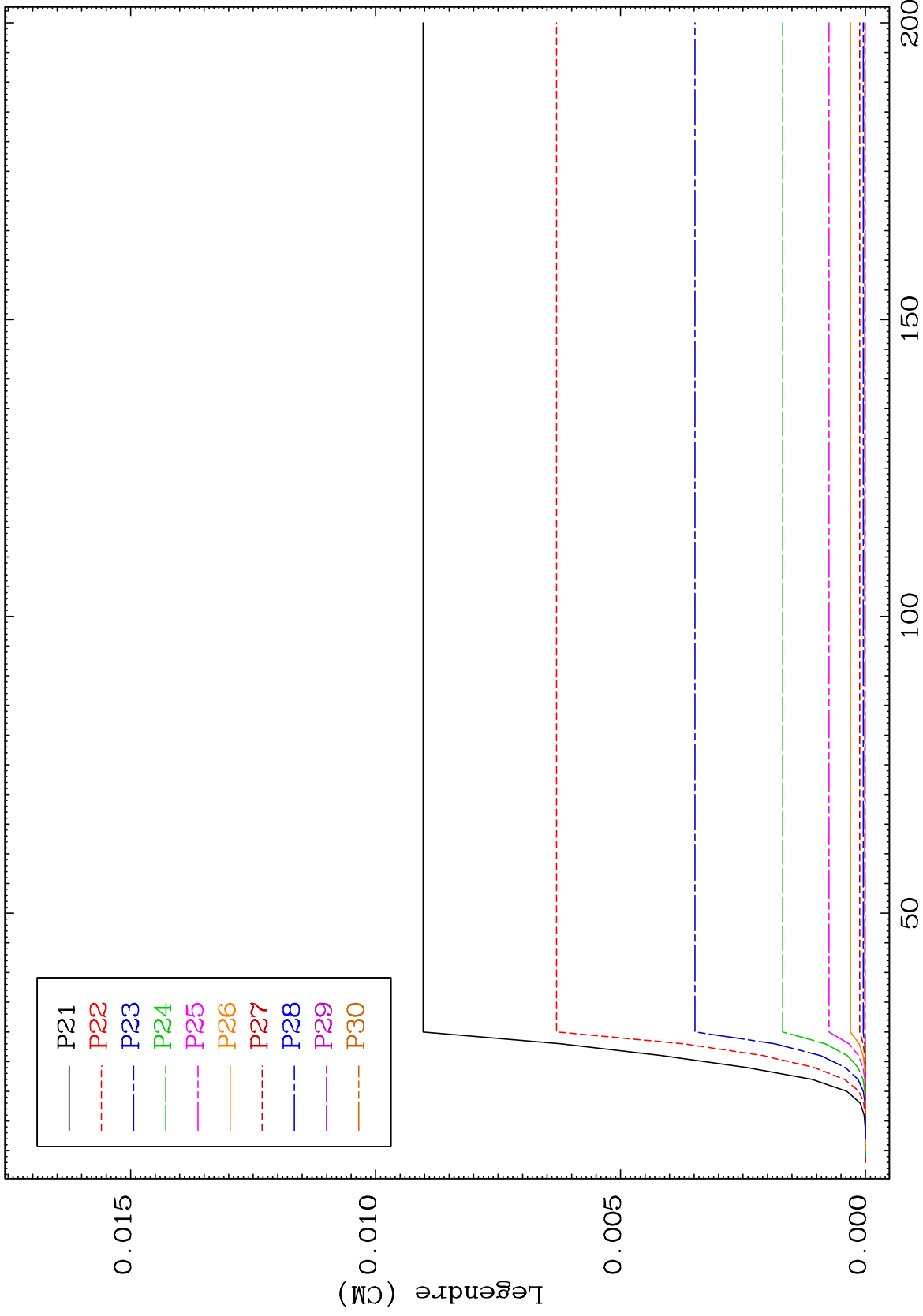
79-Au-193



97

Incident Energy (MeV)

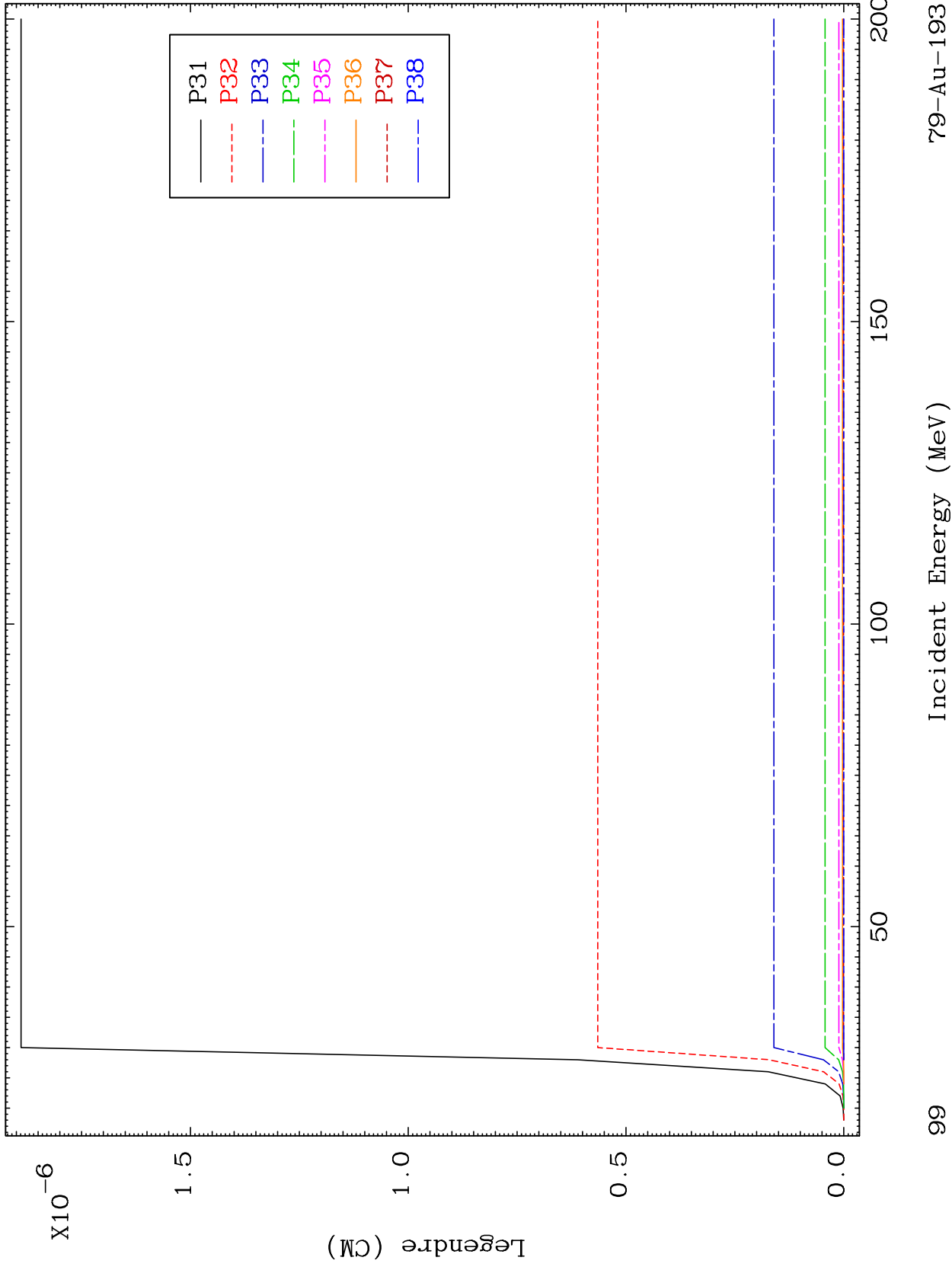
79-Au-193



MAT 7913

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

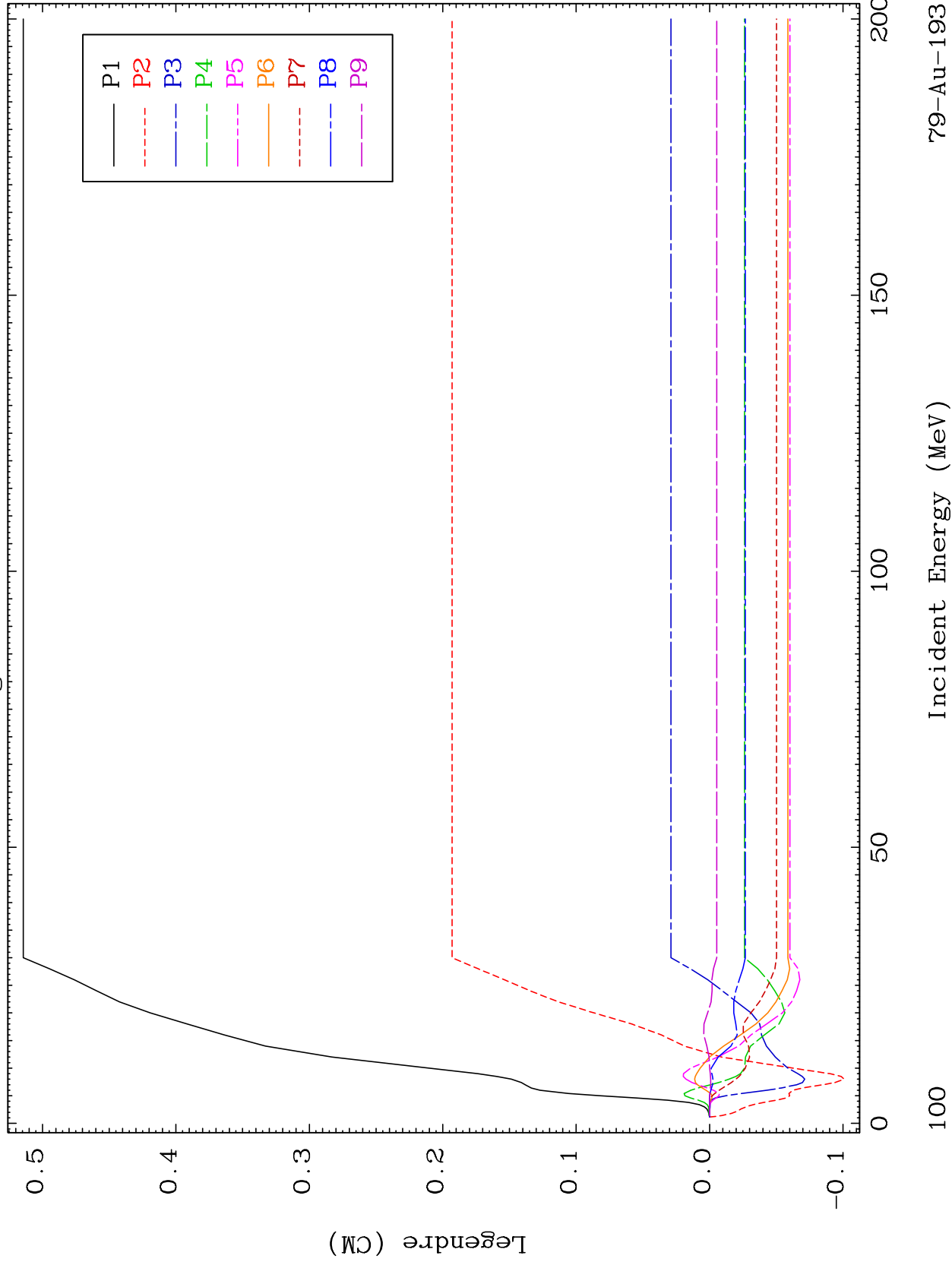
79-Au-193



MAT 7913

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

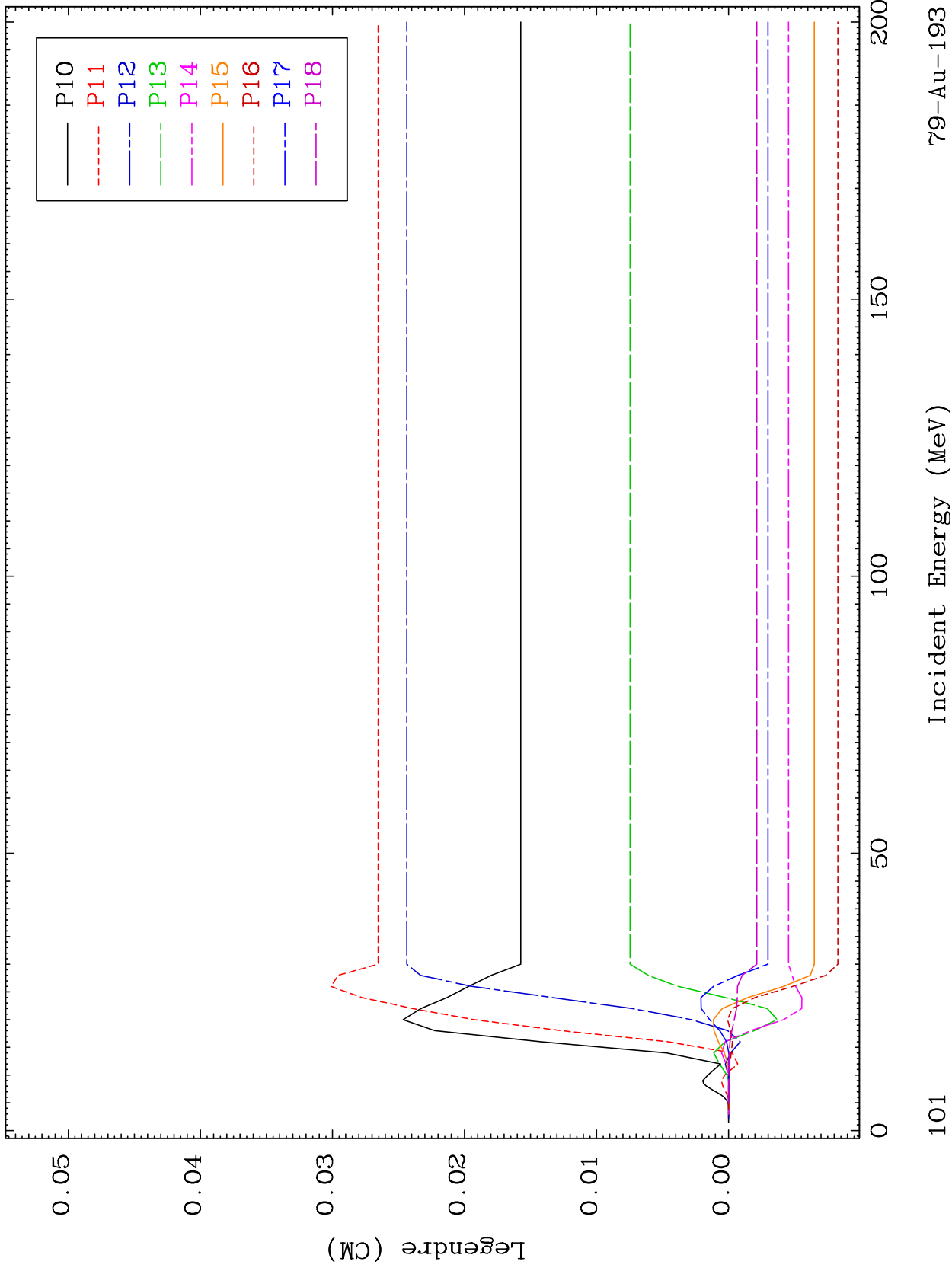
79-Au-193



MAT 7913

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

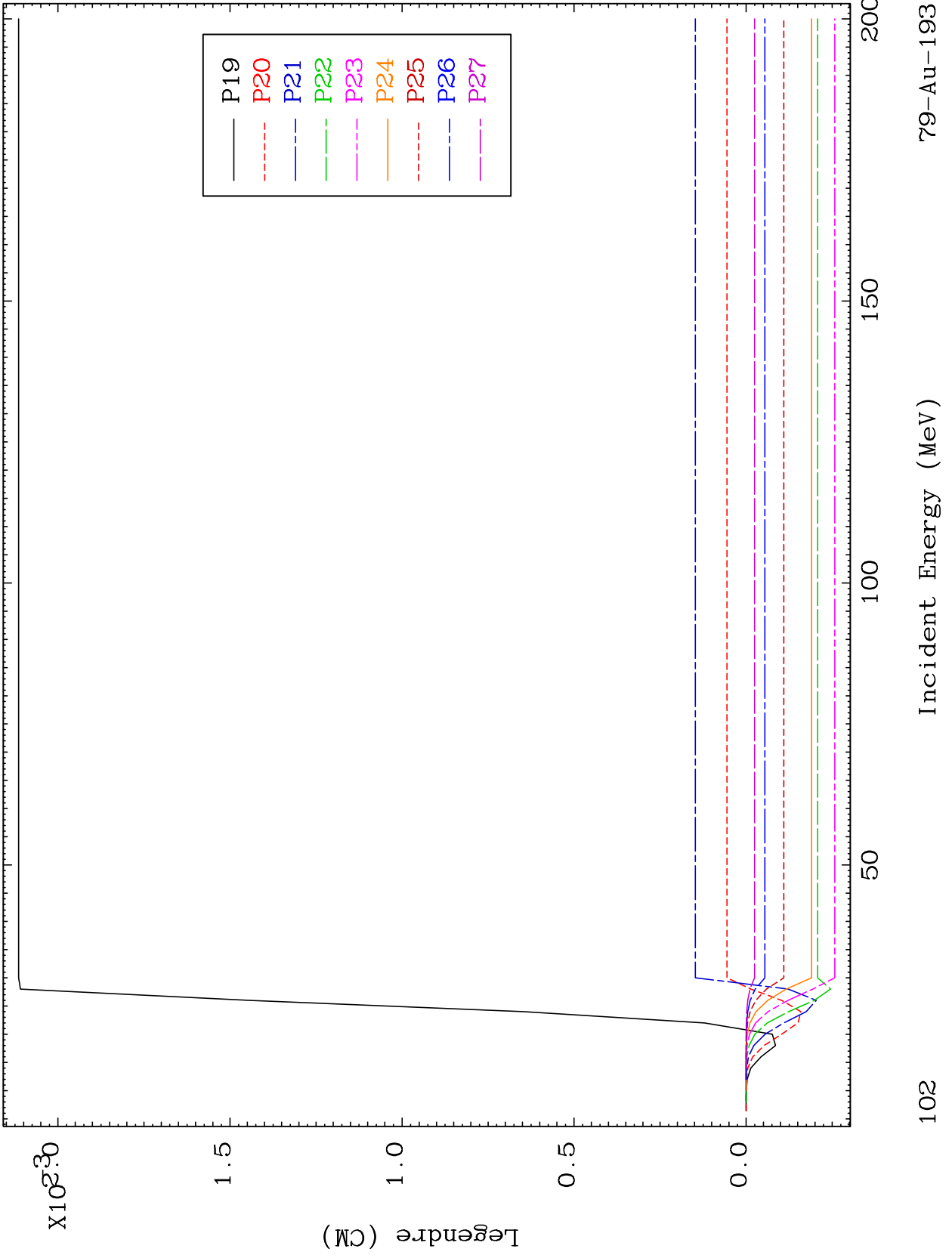
79-Au-193



101

Incident Energy (MeV)

79-Au-193

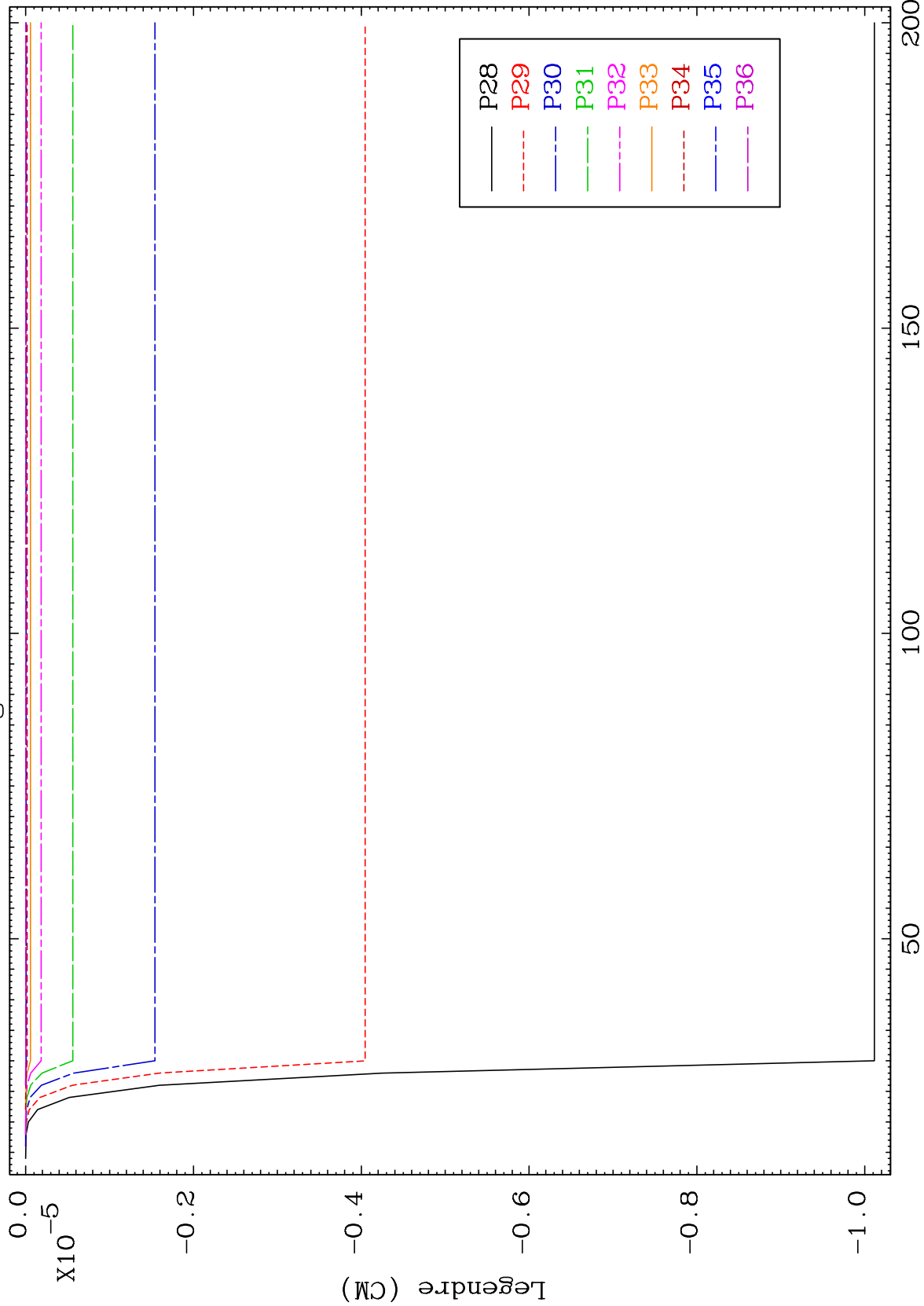


MAT 7913

MT= 72 (n,n') Level

79-Au-193

Legendre Coefficients

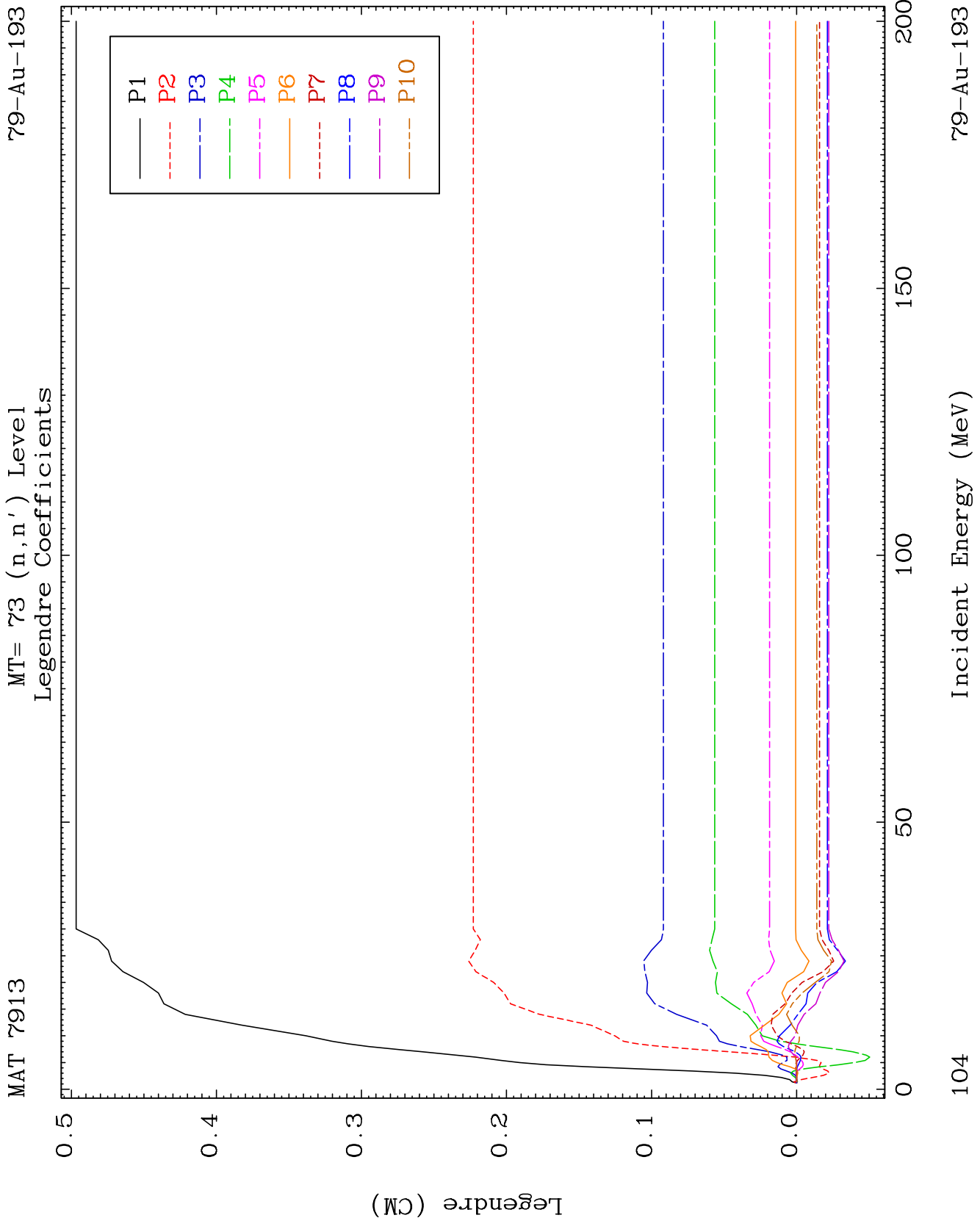


103

Incident Energy (MeV)

79-Au-193

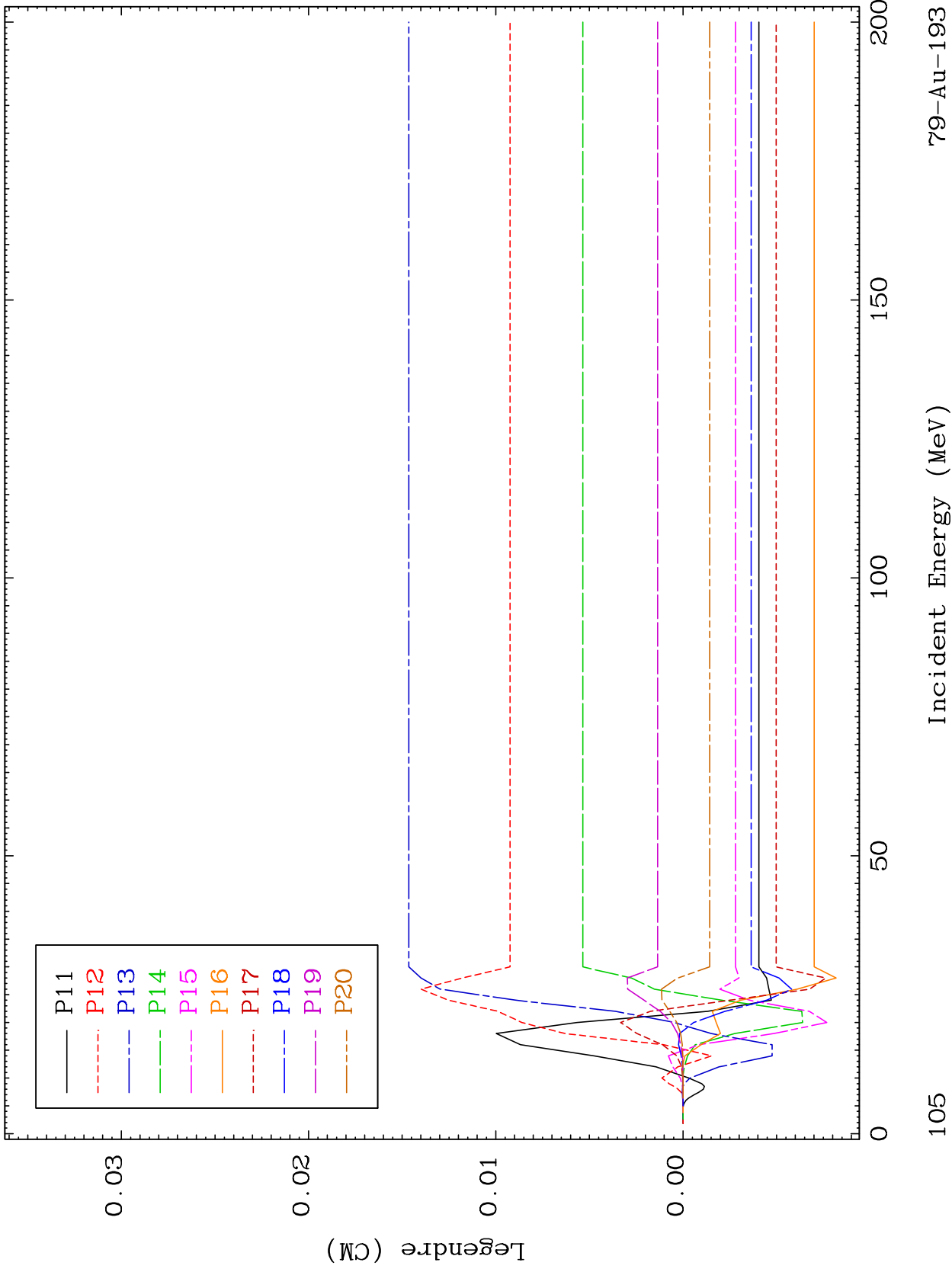


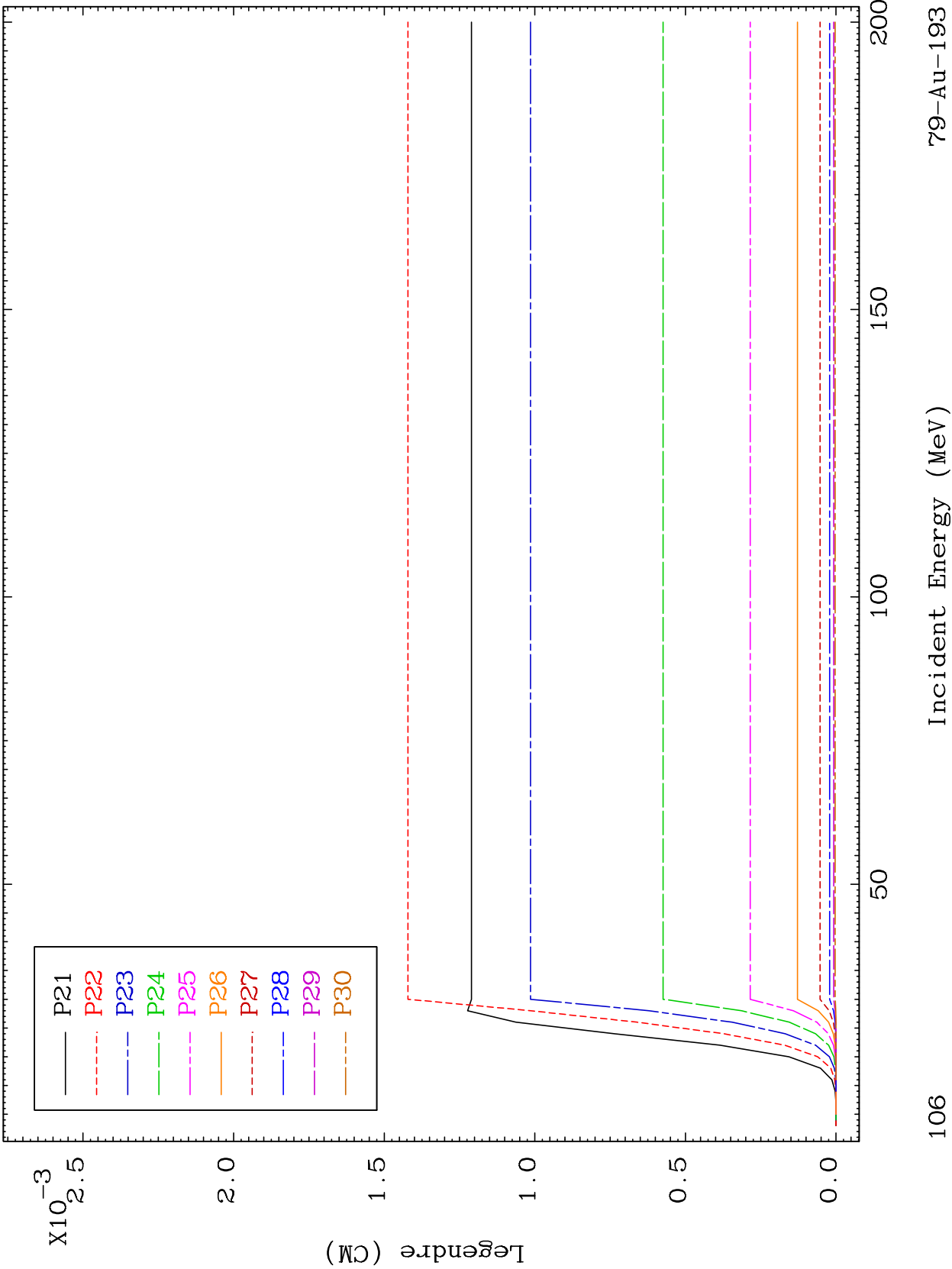


MAT 7913

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

79-Au-193

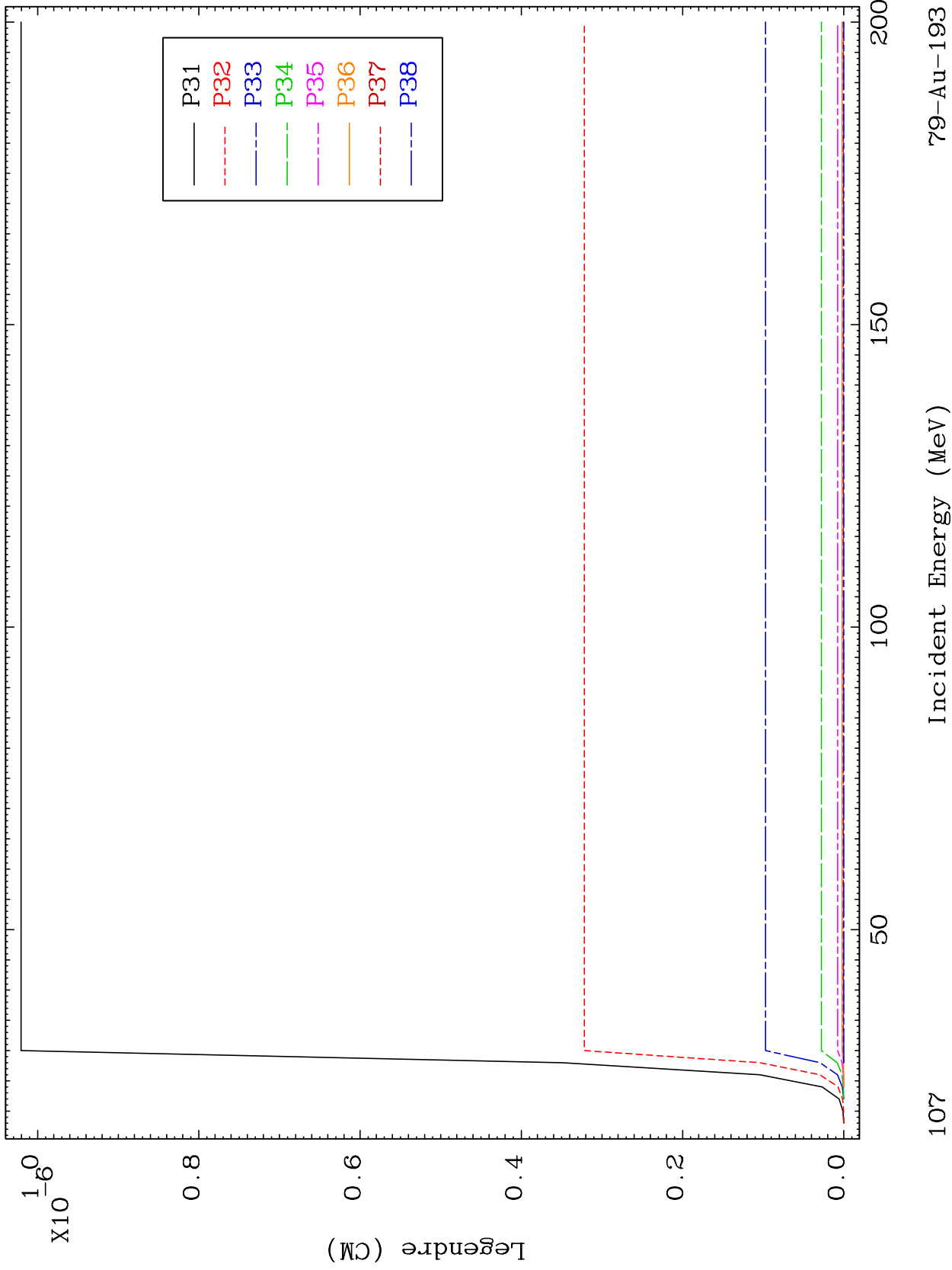




MAT 7913

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

79-Au-193



107

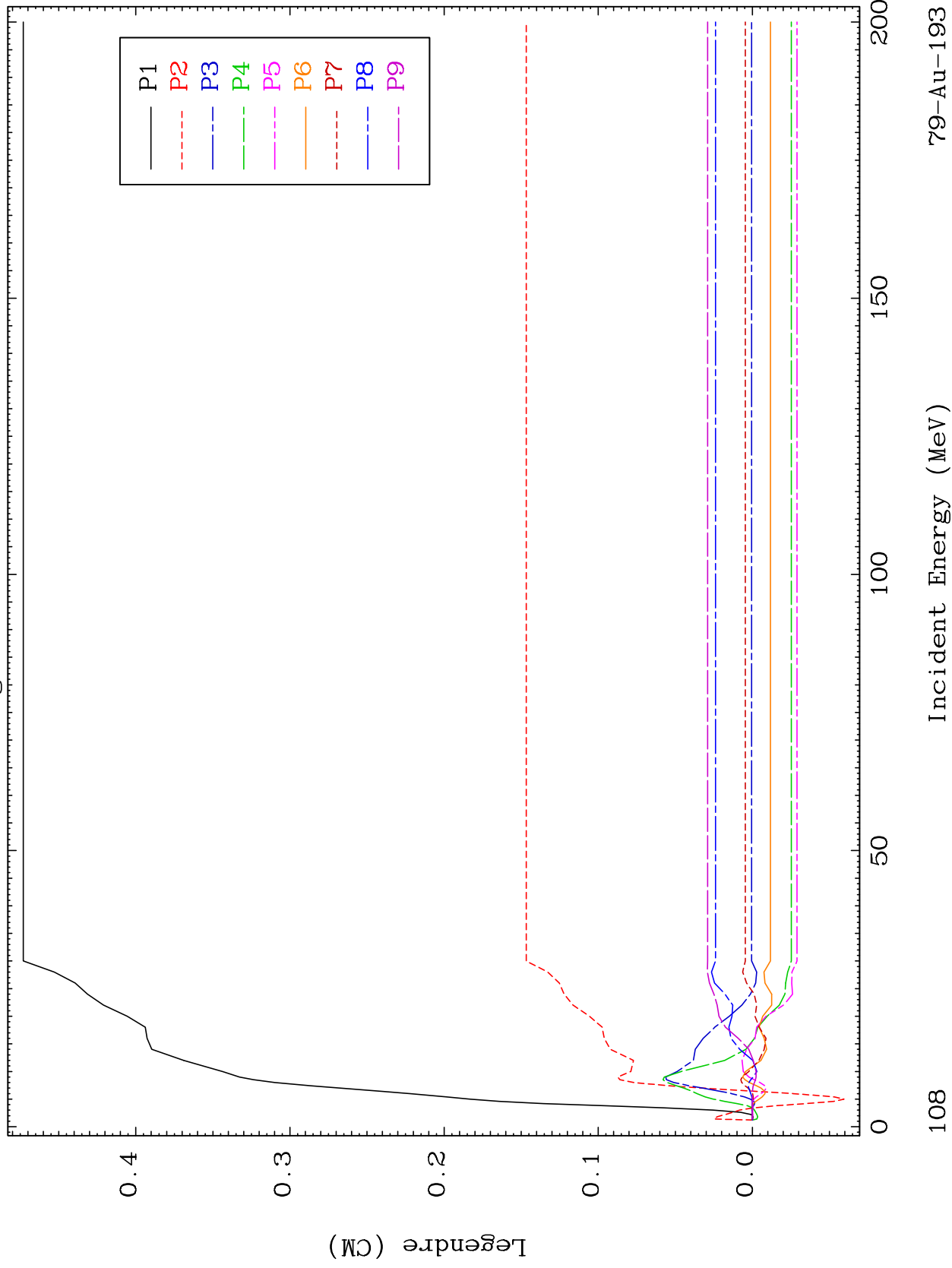
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



79-Au-193

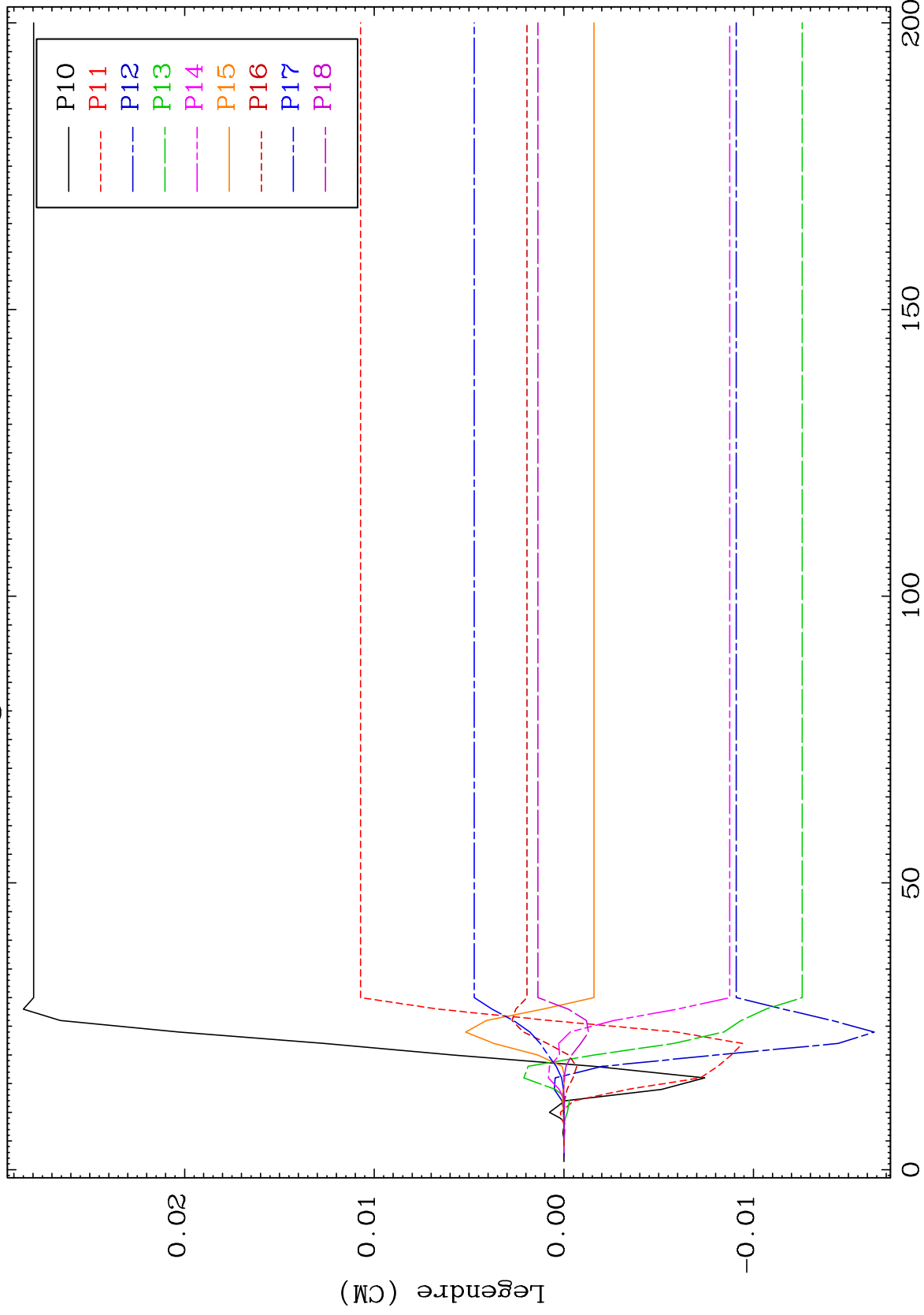
Incident Energy (MeV)

108

MAT 7913

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

79-Au-193



109

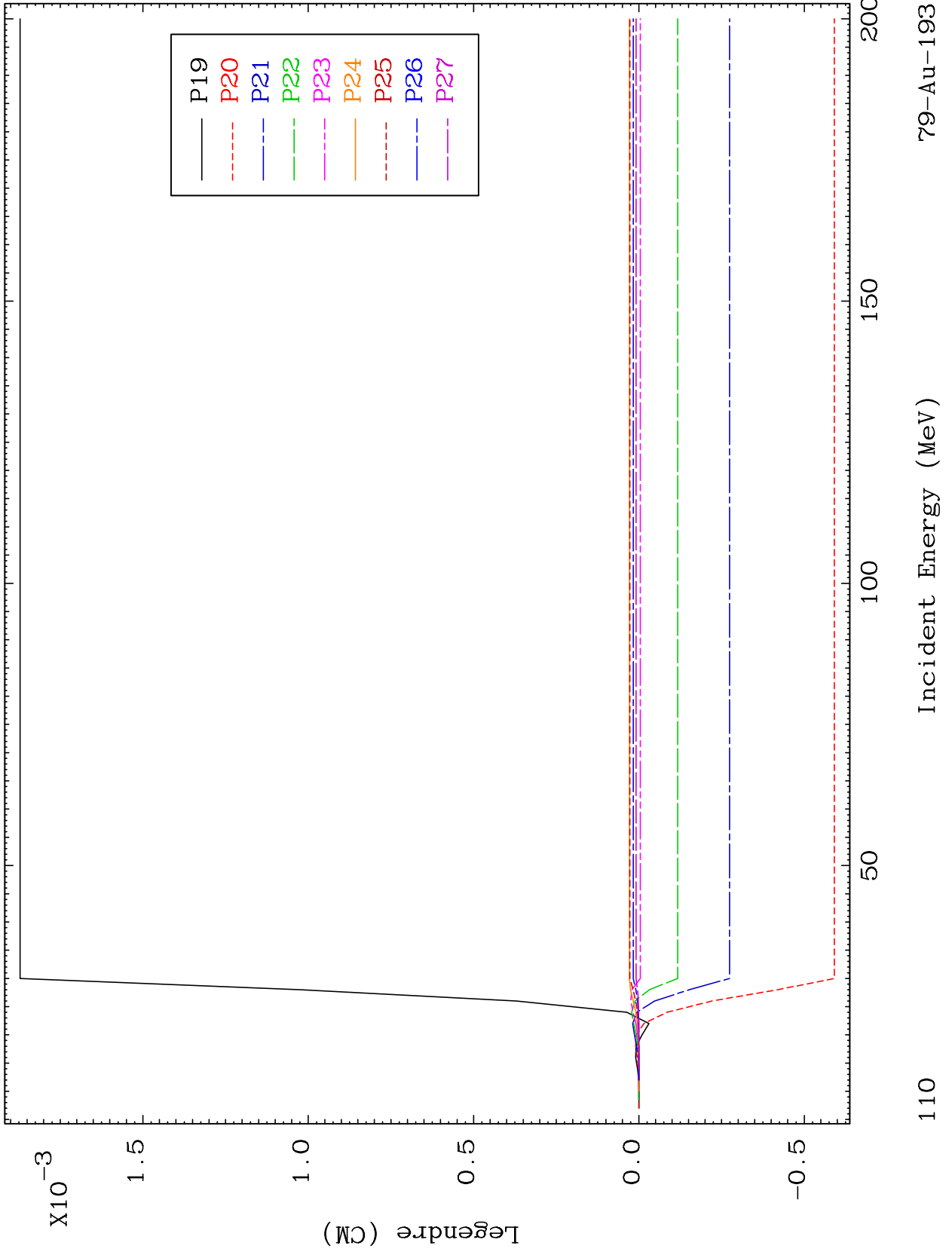
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



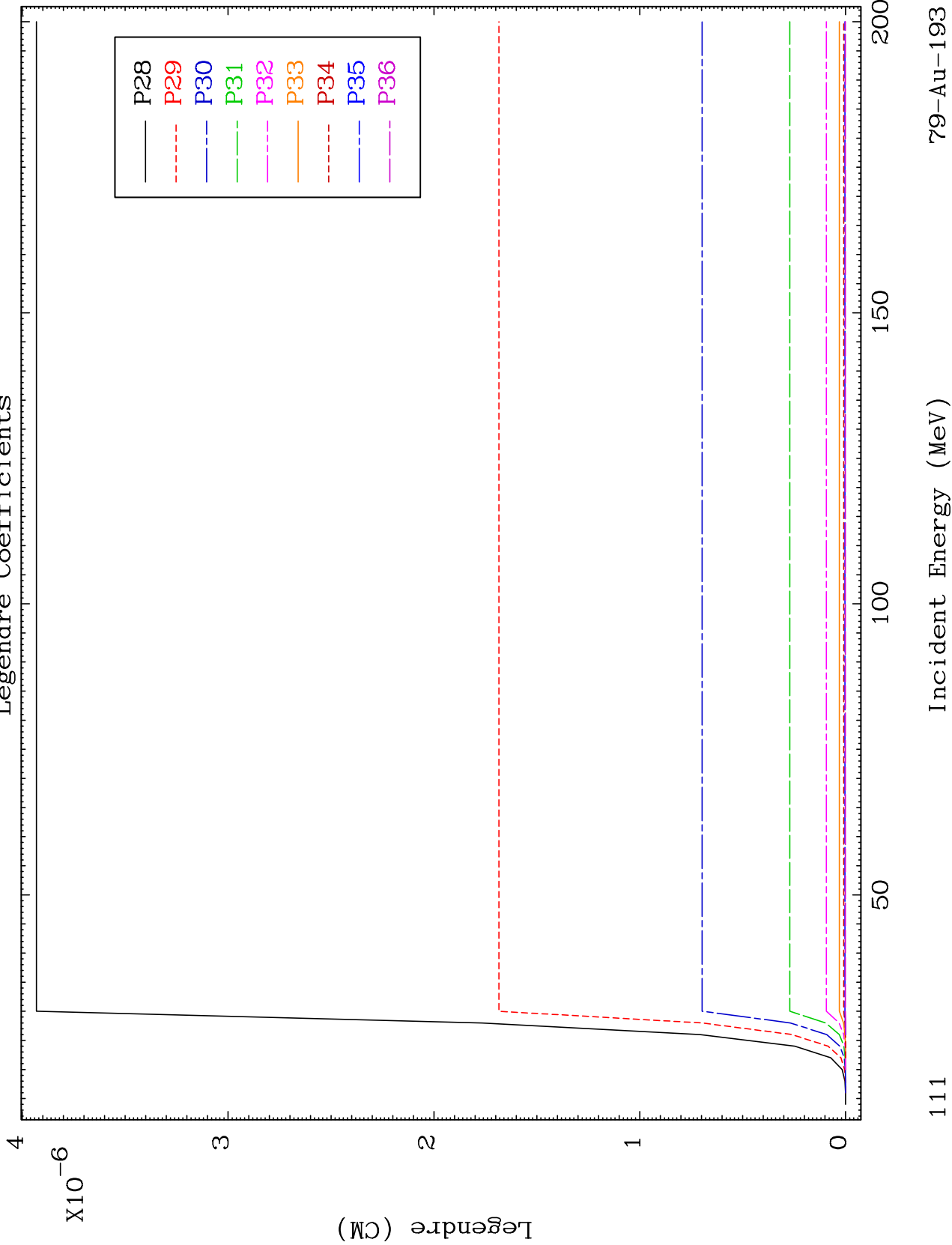
110

79-Au-193

MAT 7913

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

79-Au-193

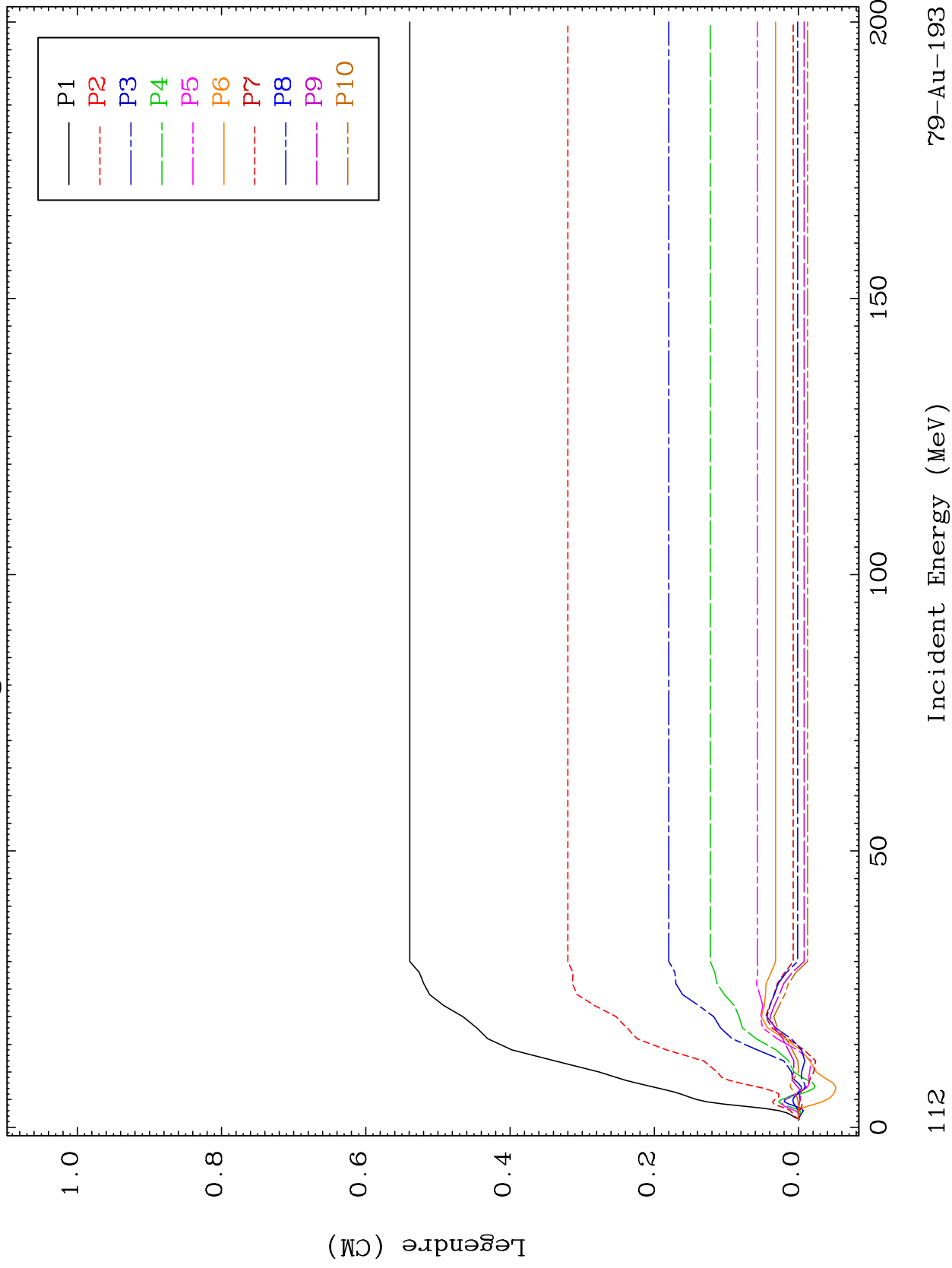


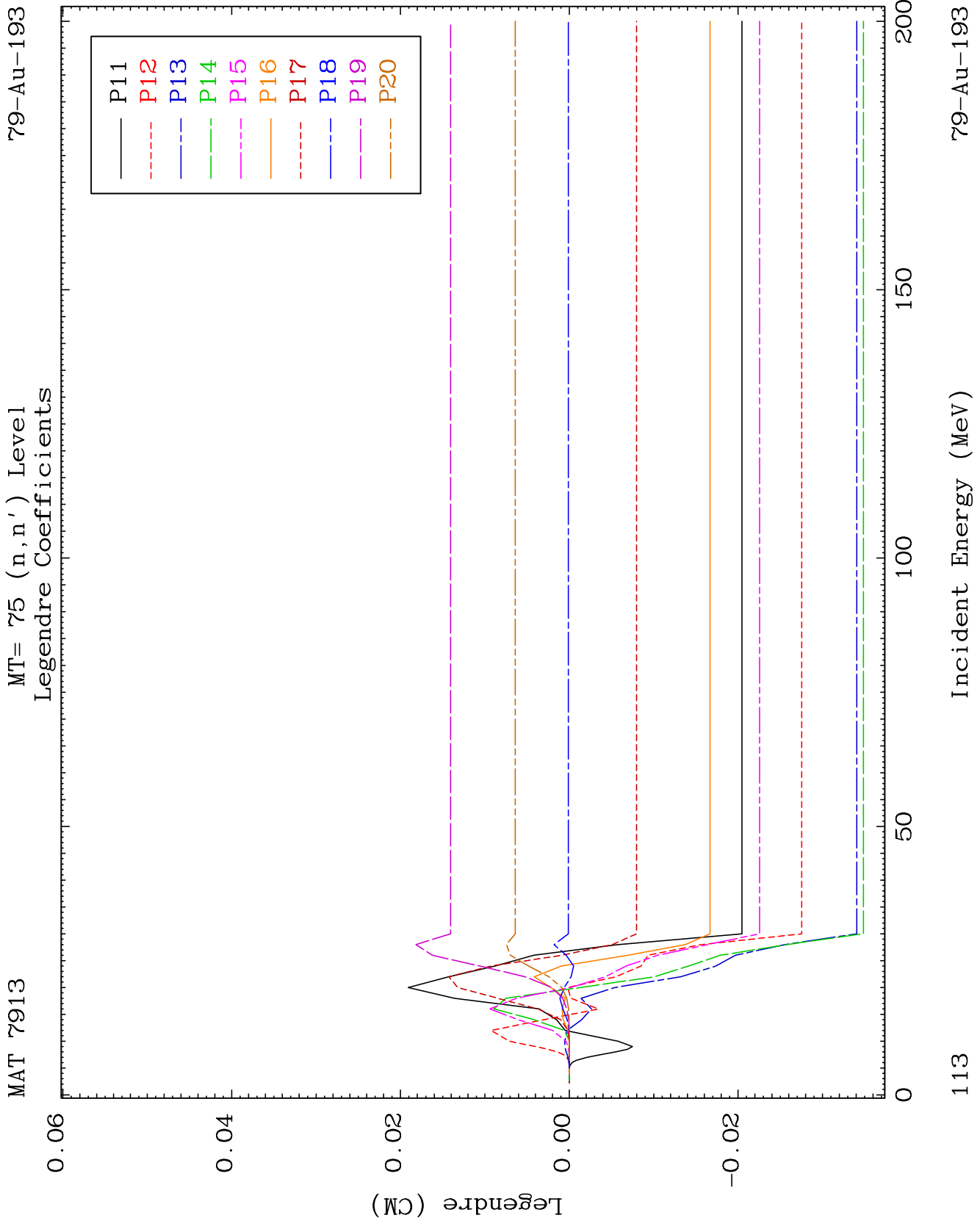


MAT 7913

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

79-Au-193

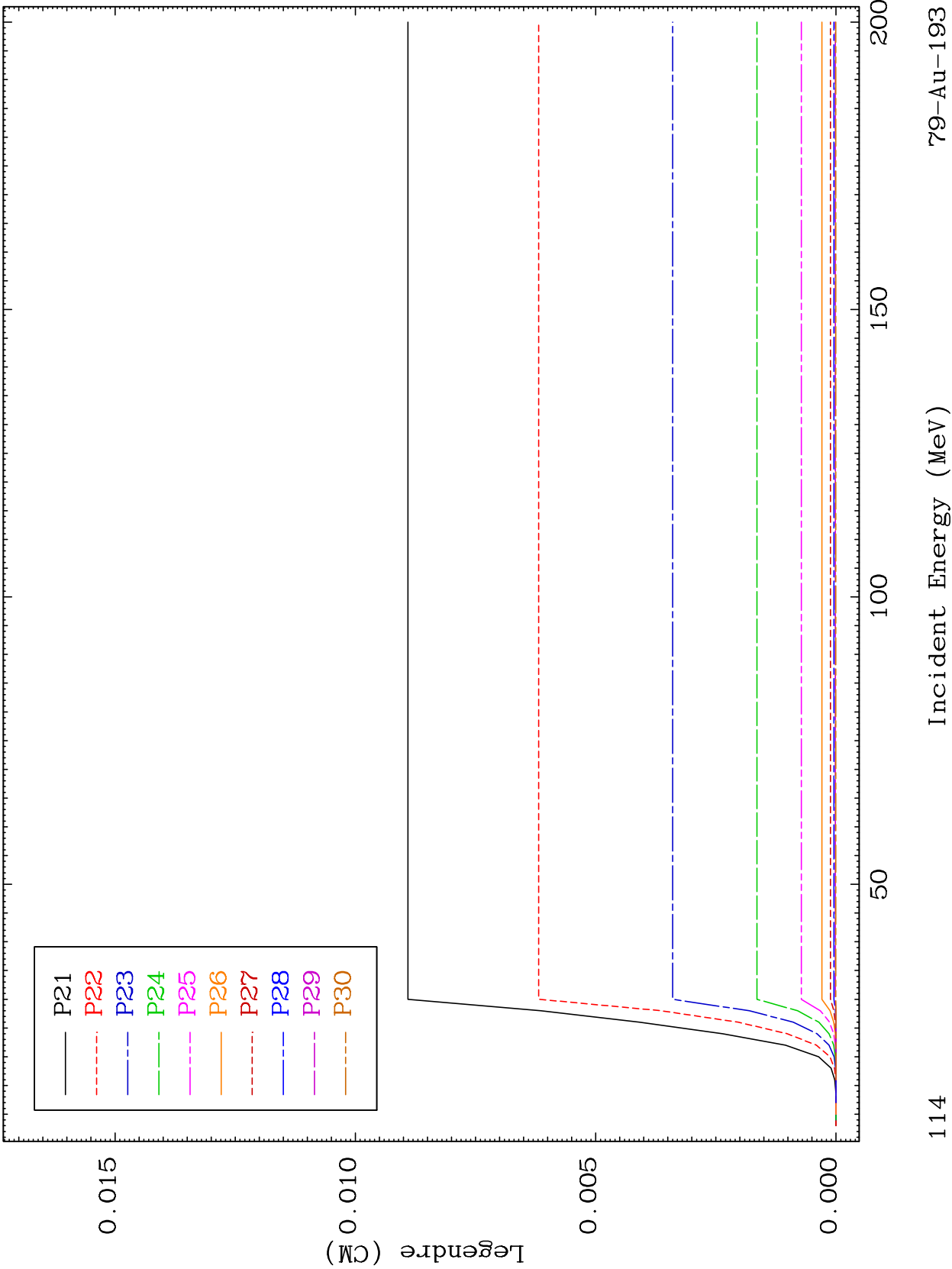




MAT 7913

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

79-Au-193



114

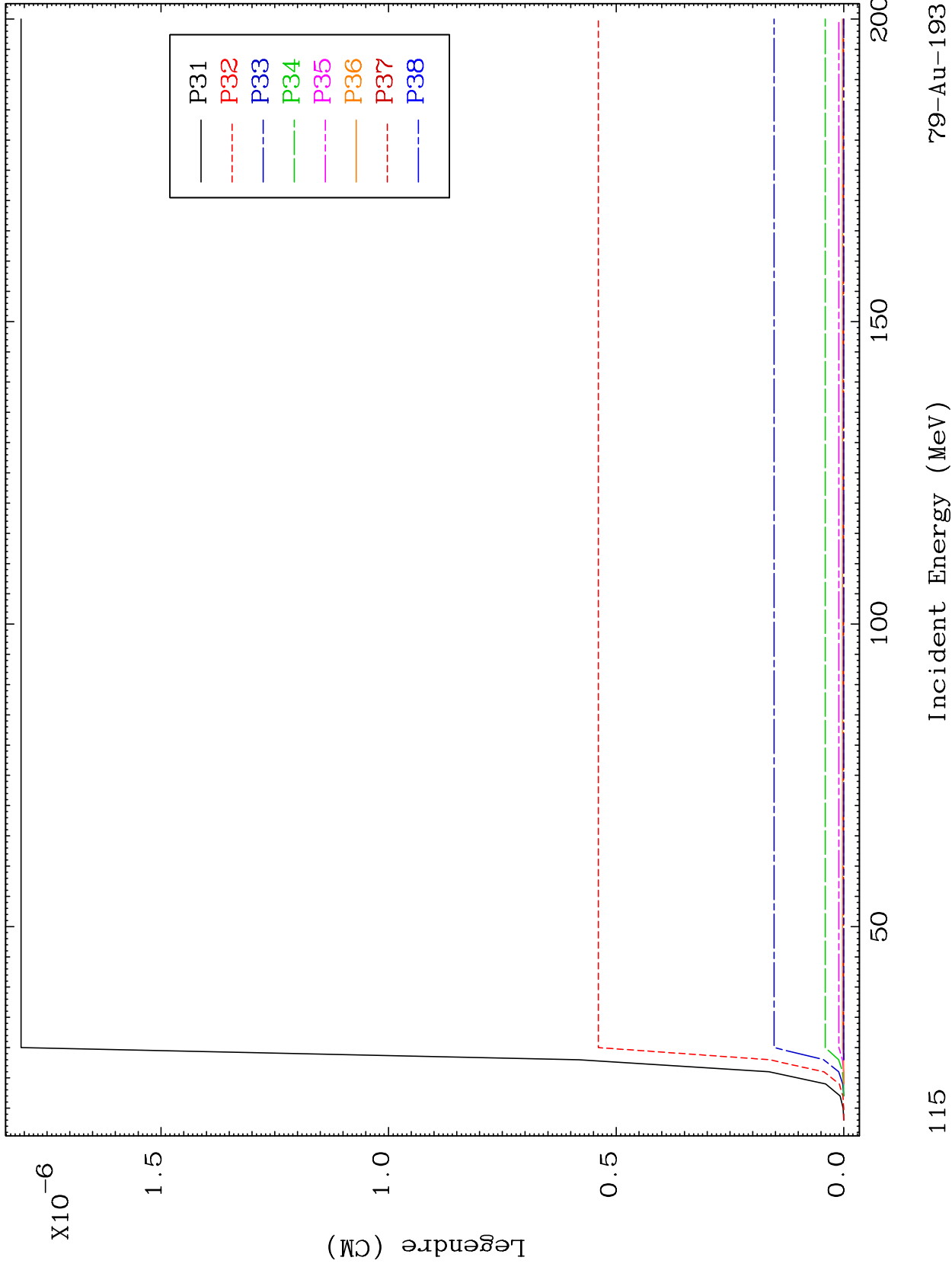
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193

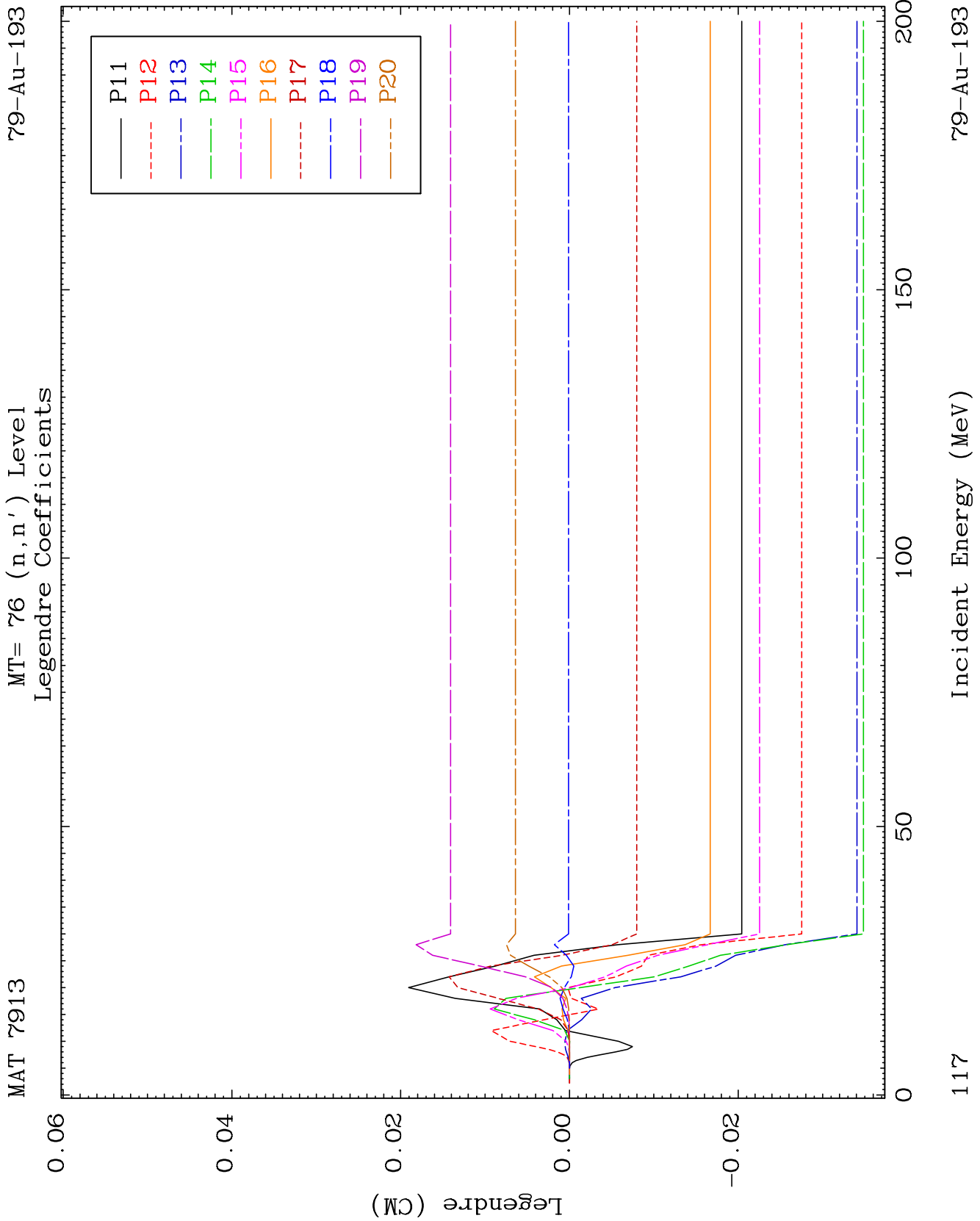


79-Au-193

Incident Energy (MeV)

115

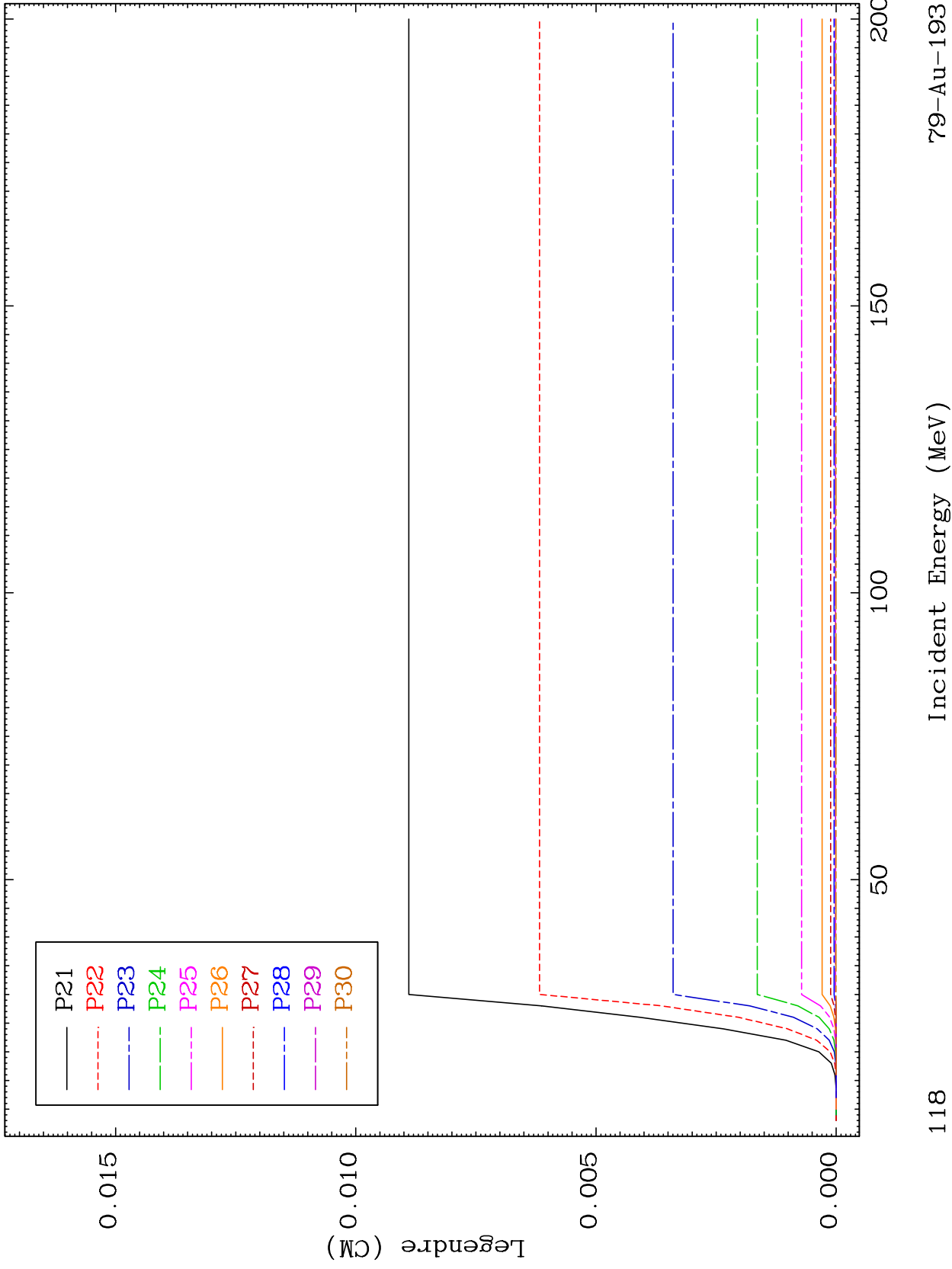




MAT 7913

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

79-Au-193



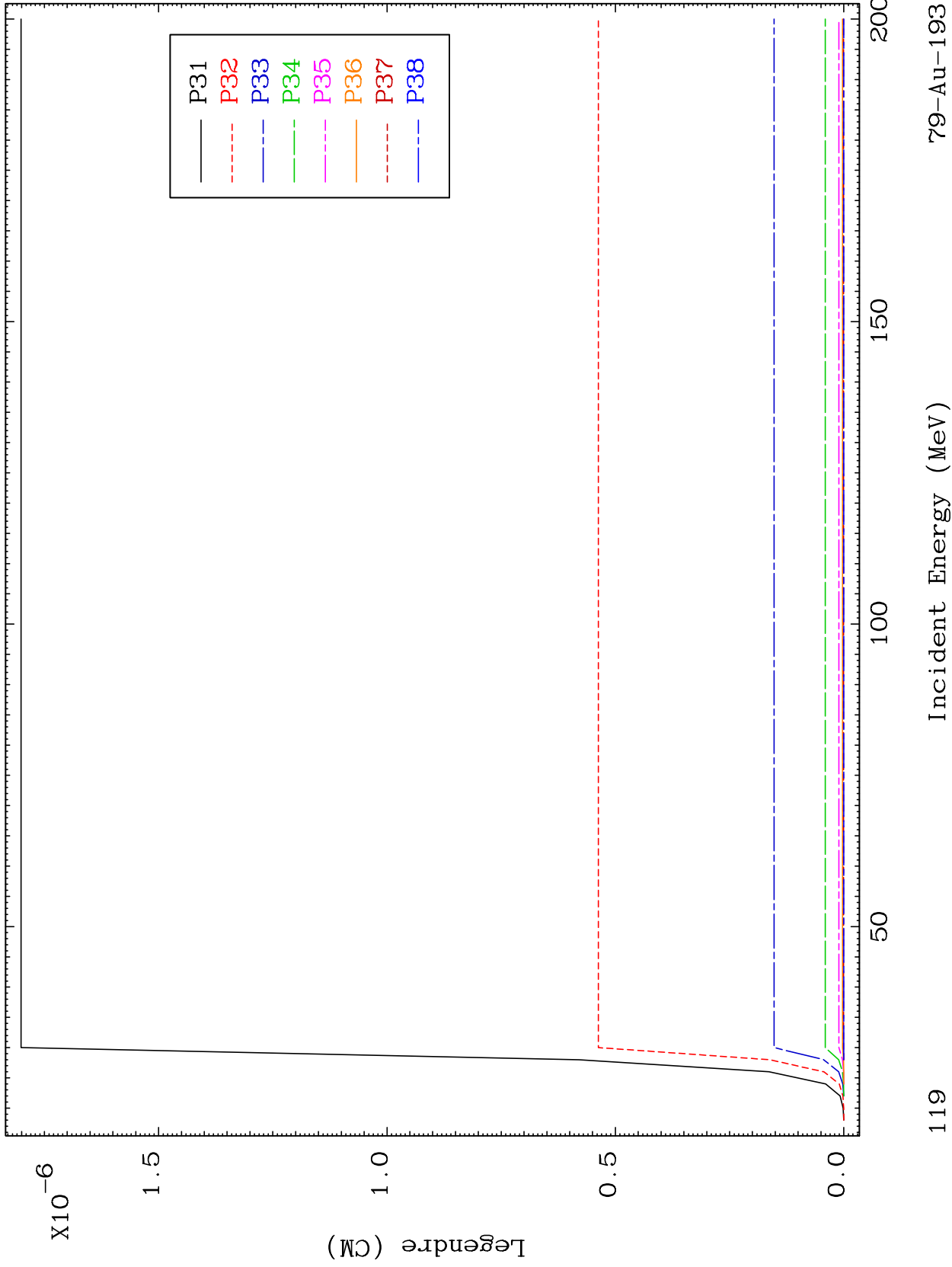
118

79-Au-193

MAT 7913

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

79-Au-193



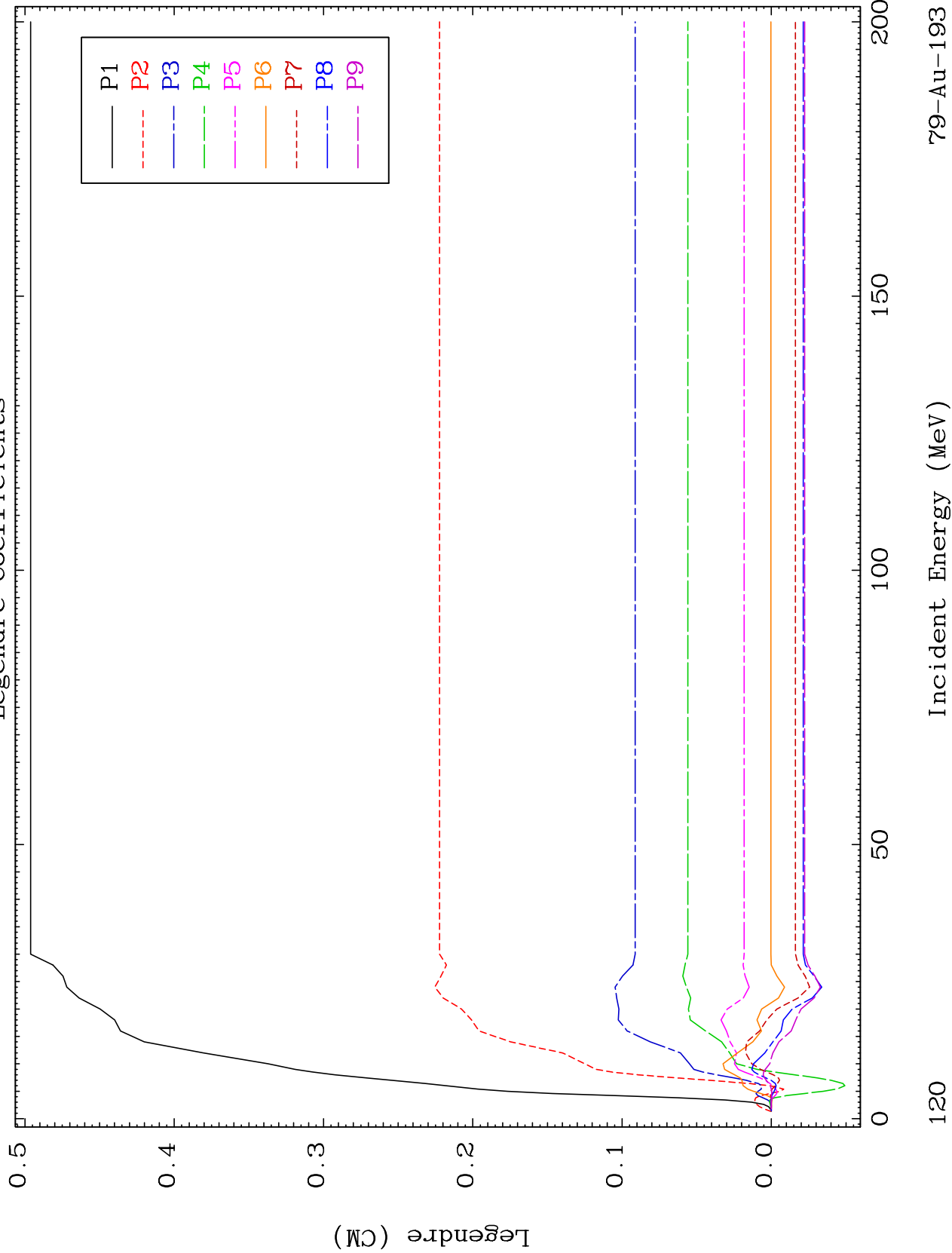


MAT 7913

MT= 77 (n,n') Level

79-Au-193

Legendre Coefficients



79-Au-193

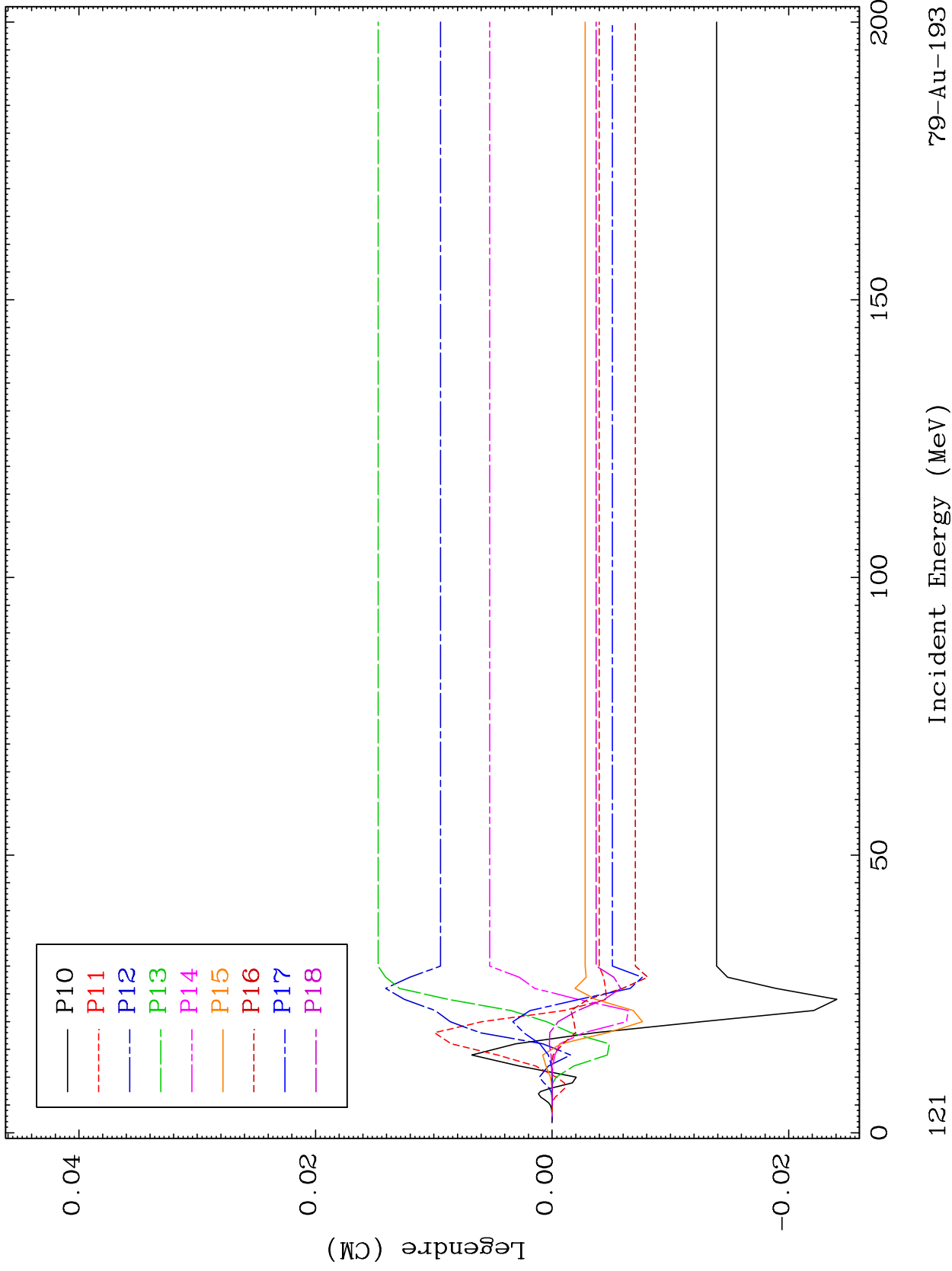
Incident Energy (MeV)

120

MAT 7913

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

79-Au-193



121

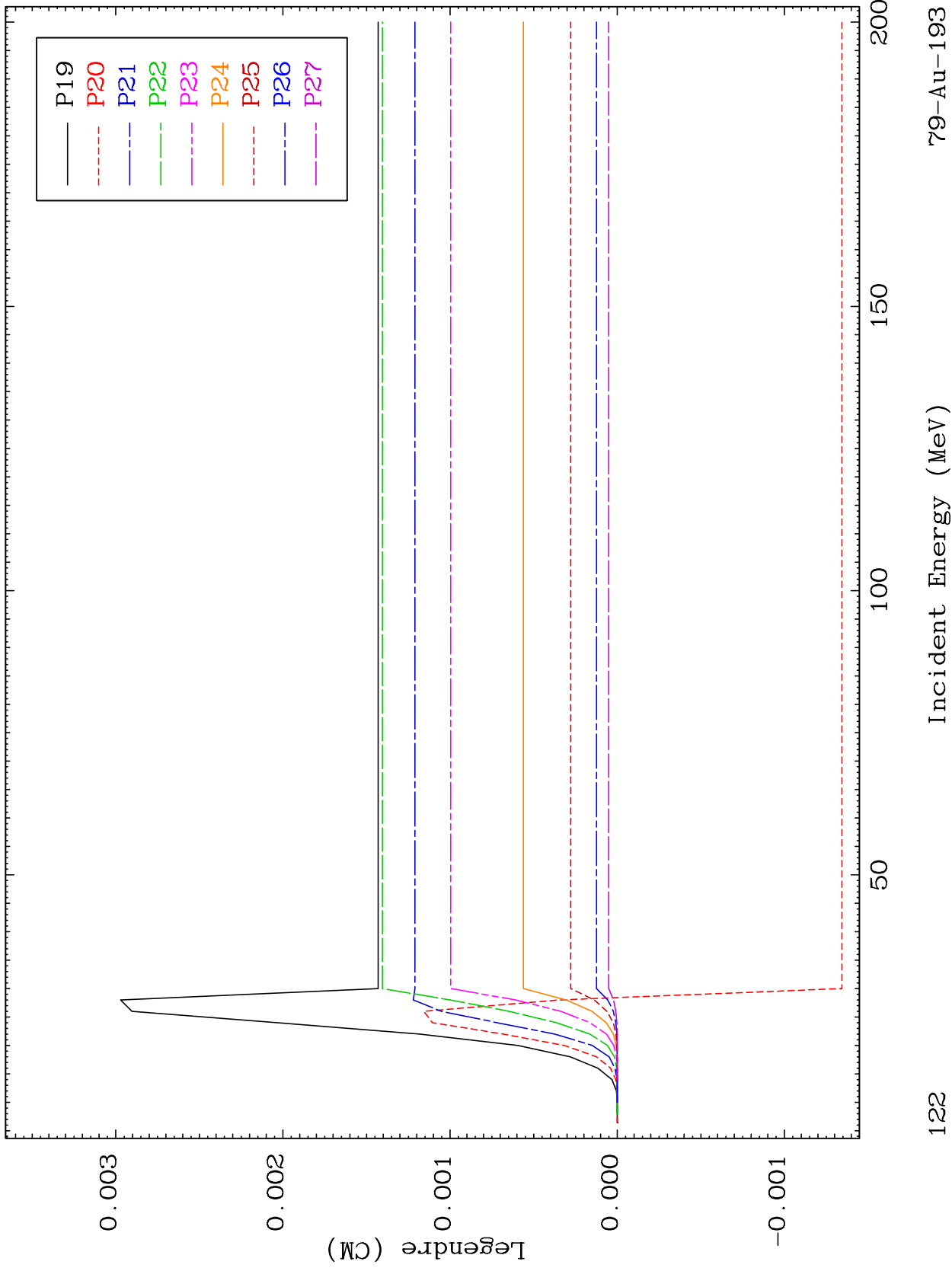
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



122

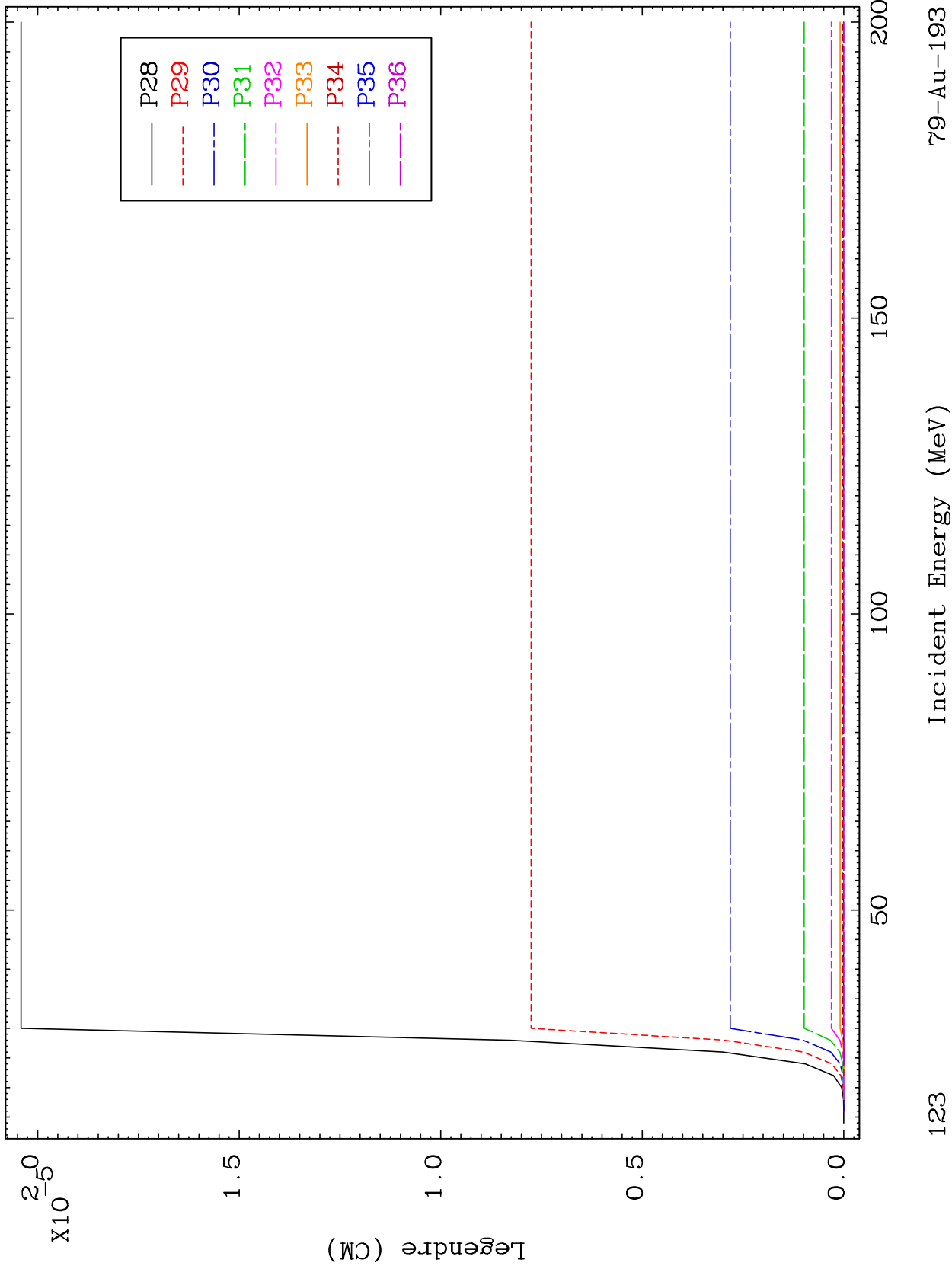
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



123

Incident Energy (MeV)

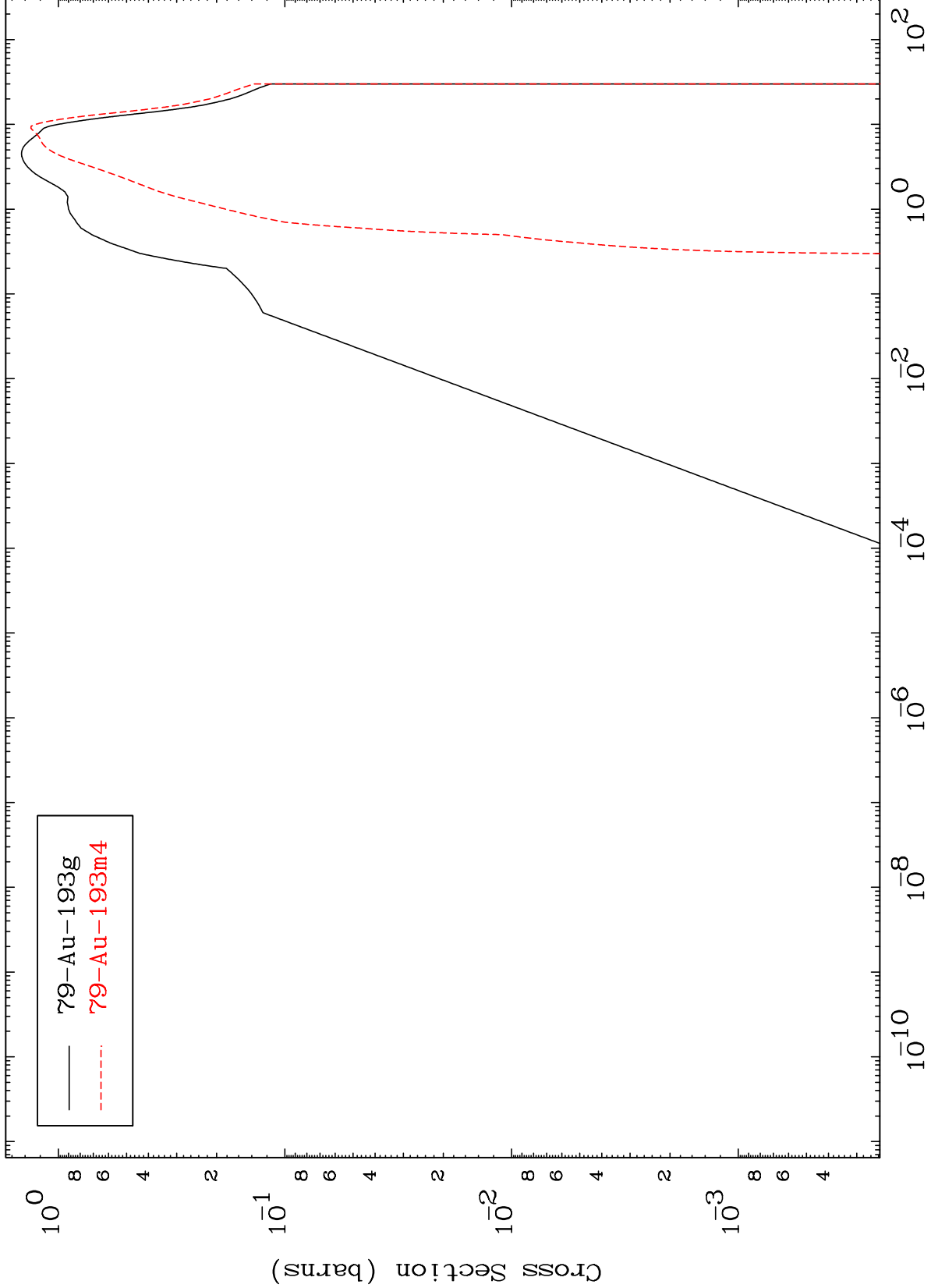
79-Au-193

MAT 7913

Inelastic

79-Au-193

Radionuclide Production Cross Section

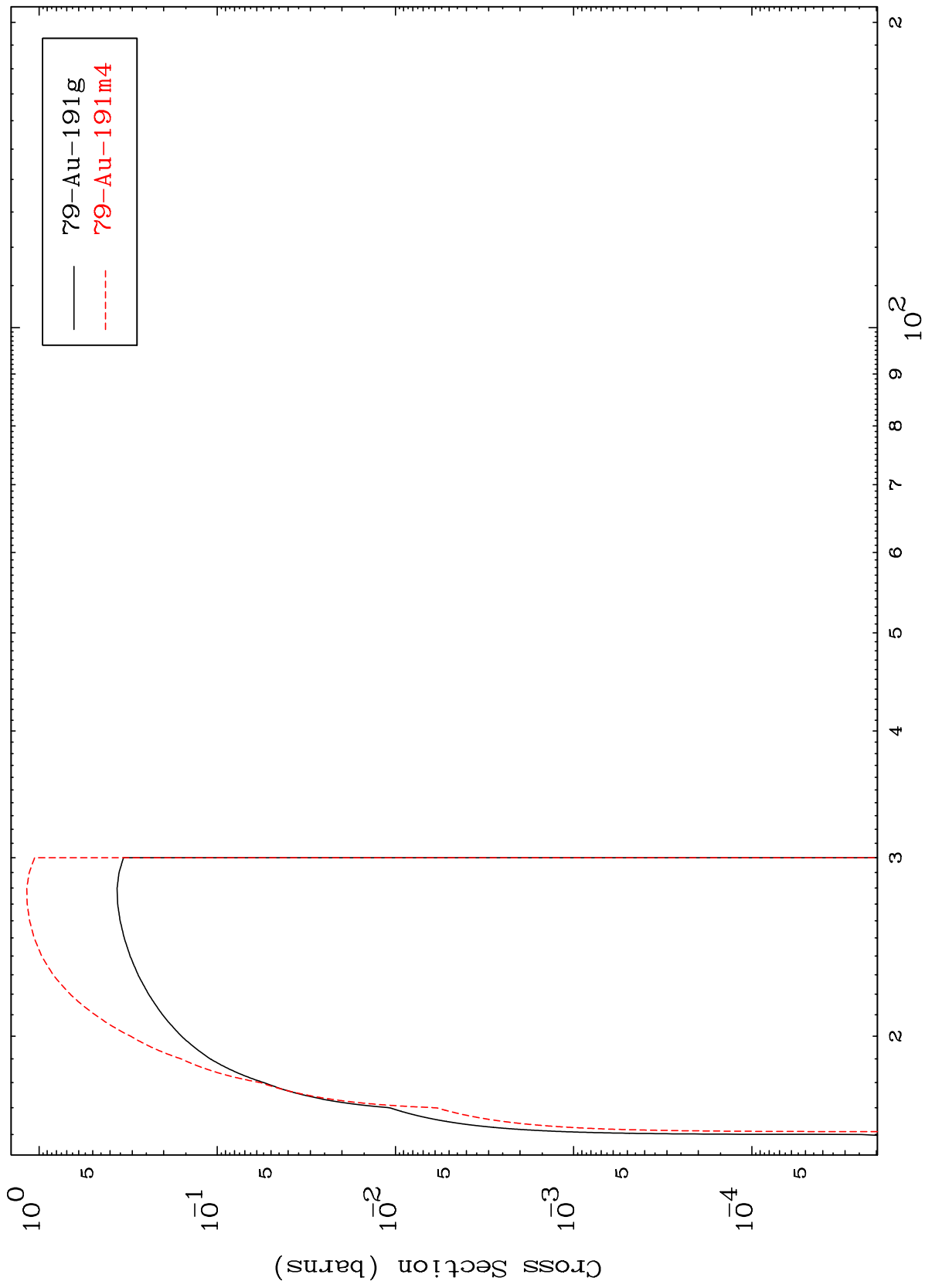


79-Au-193g  
79-Au-193m4

MAT 7913

79-Au-193

(n,3n)  
Radionuclide Production Cross Section



125

Incident Energy (MeV)

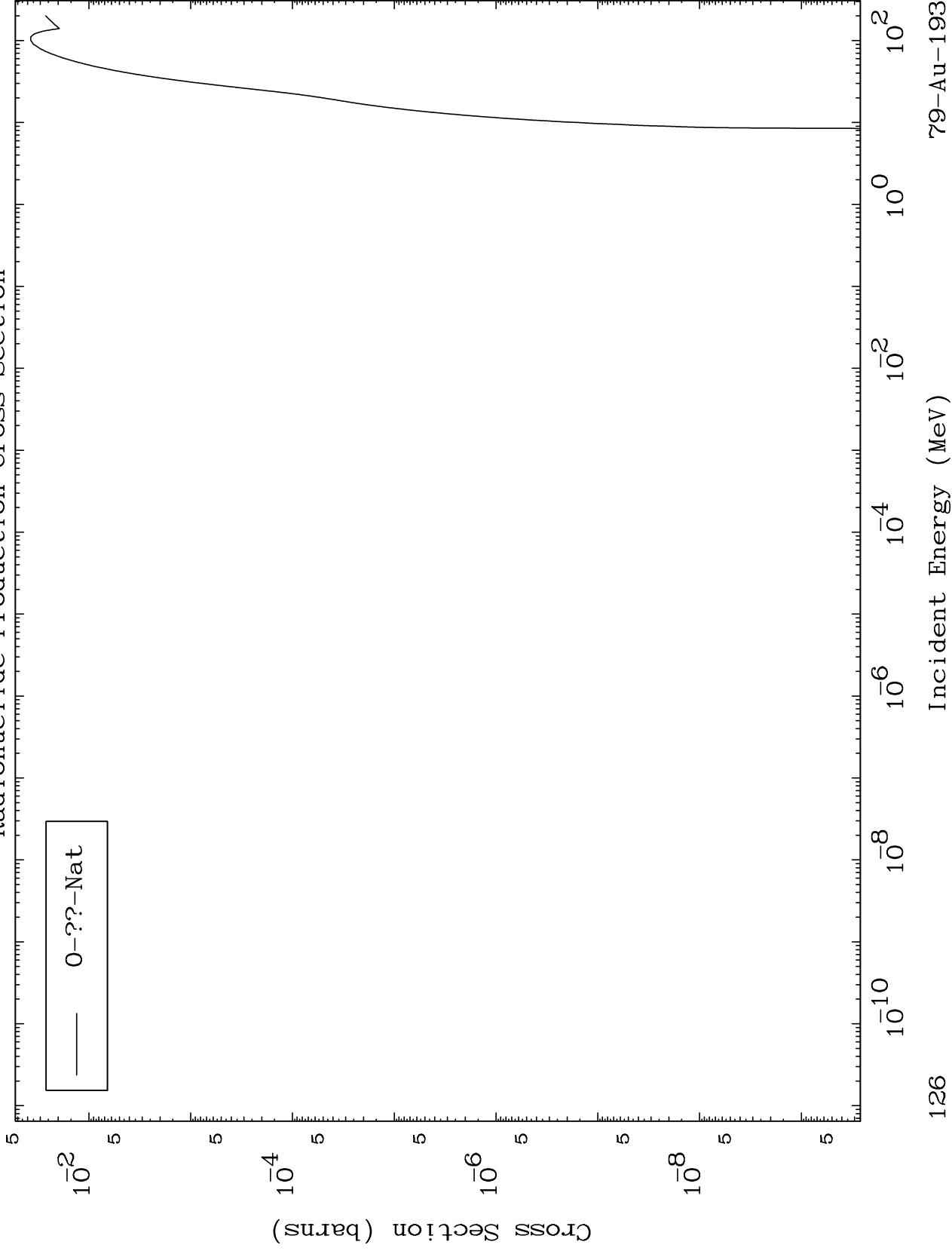
79-Au-193

MAT 7913

Fission

79-Au-193

Radionuclide Production Cross Section

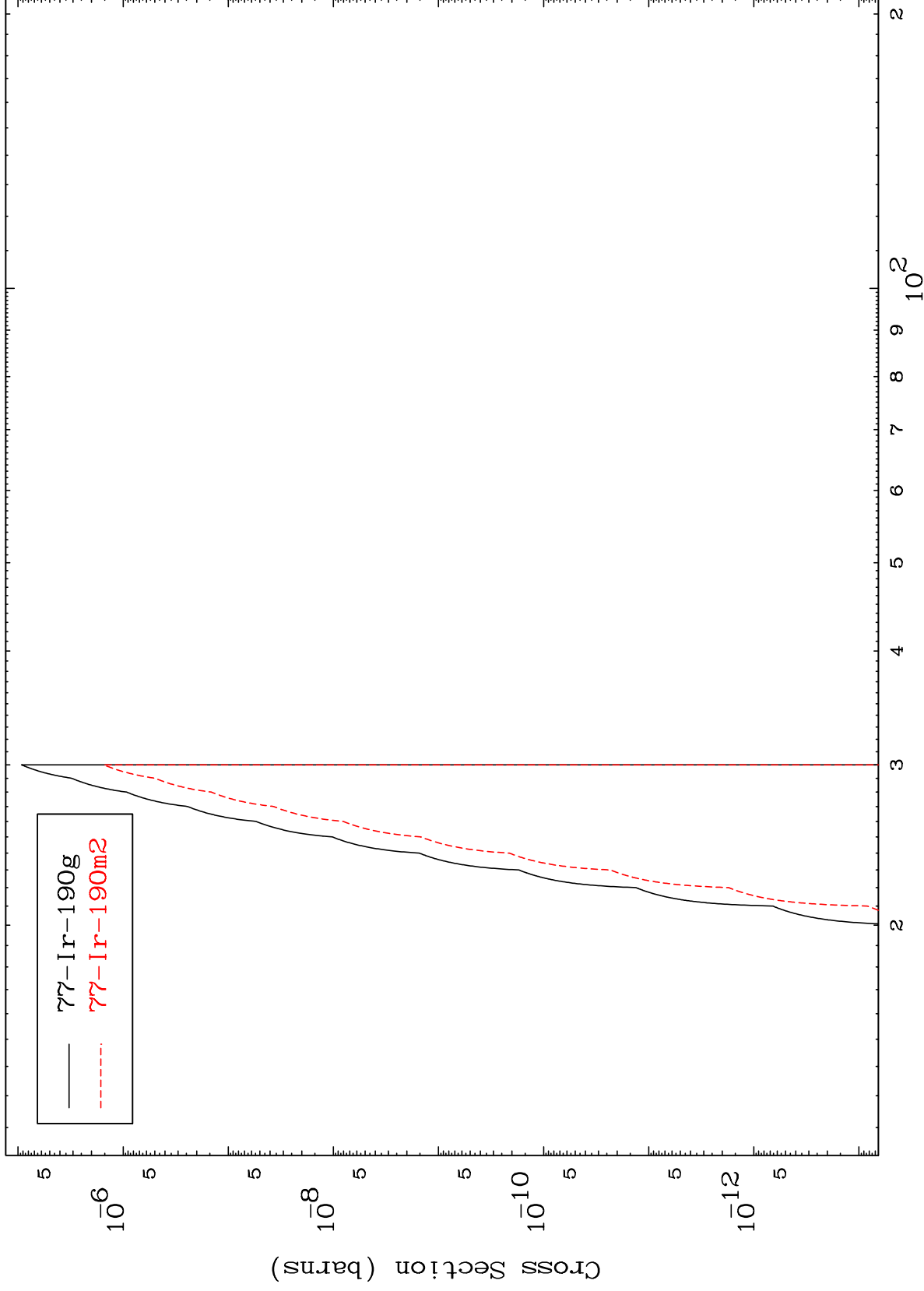


MAT 7913

(n,n') He-3

79-Au-193

Radionuclide Production Cross Section



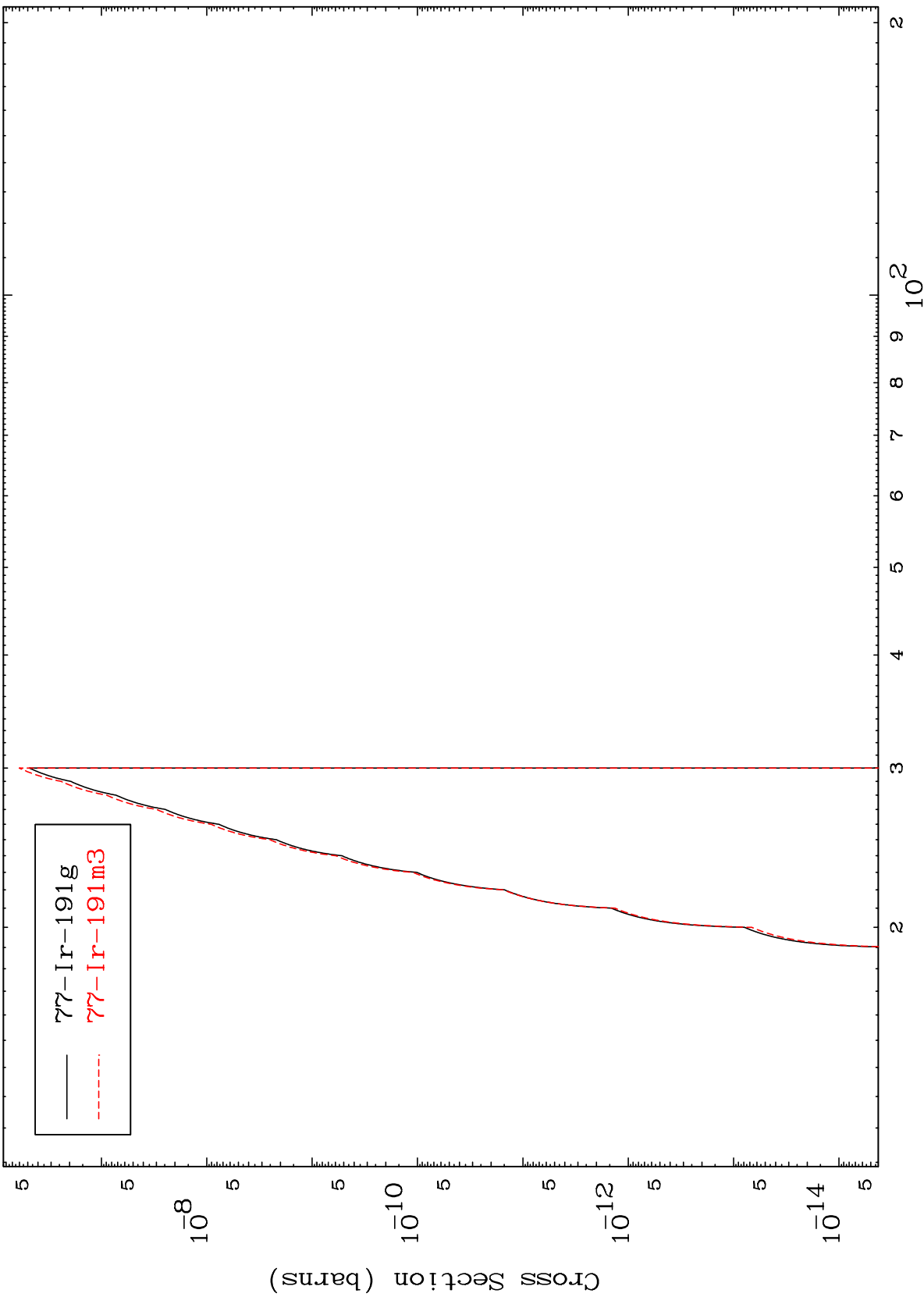
127

Incident Energy (MeV)

79-Au-193



Radionuclide Production Cross Section



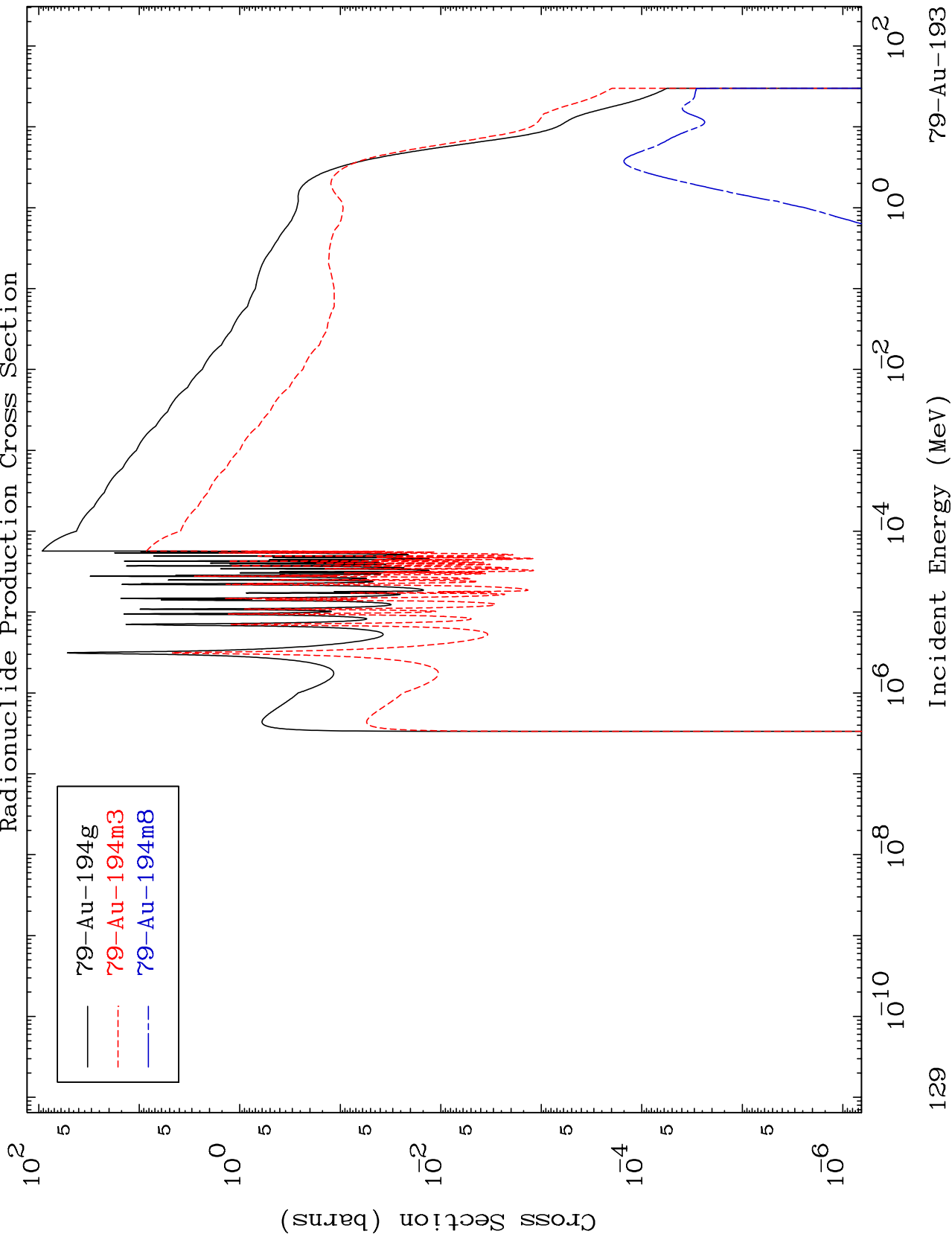
MAT 7913

79-Au-193

Radionuclide Production Cross Section

(n,  $\gamma$ )

79-Au-193



79-Au-194g  
79-Au-194m3  
79-Au-194m8

129

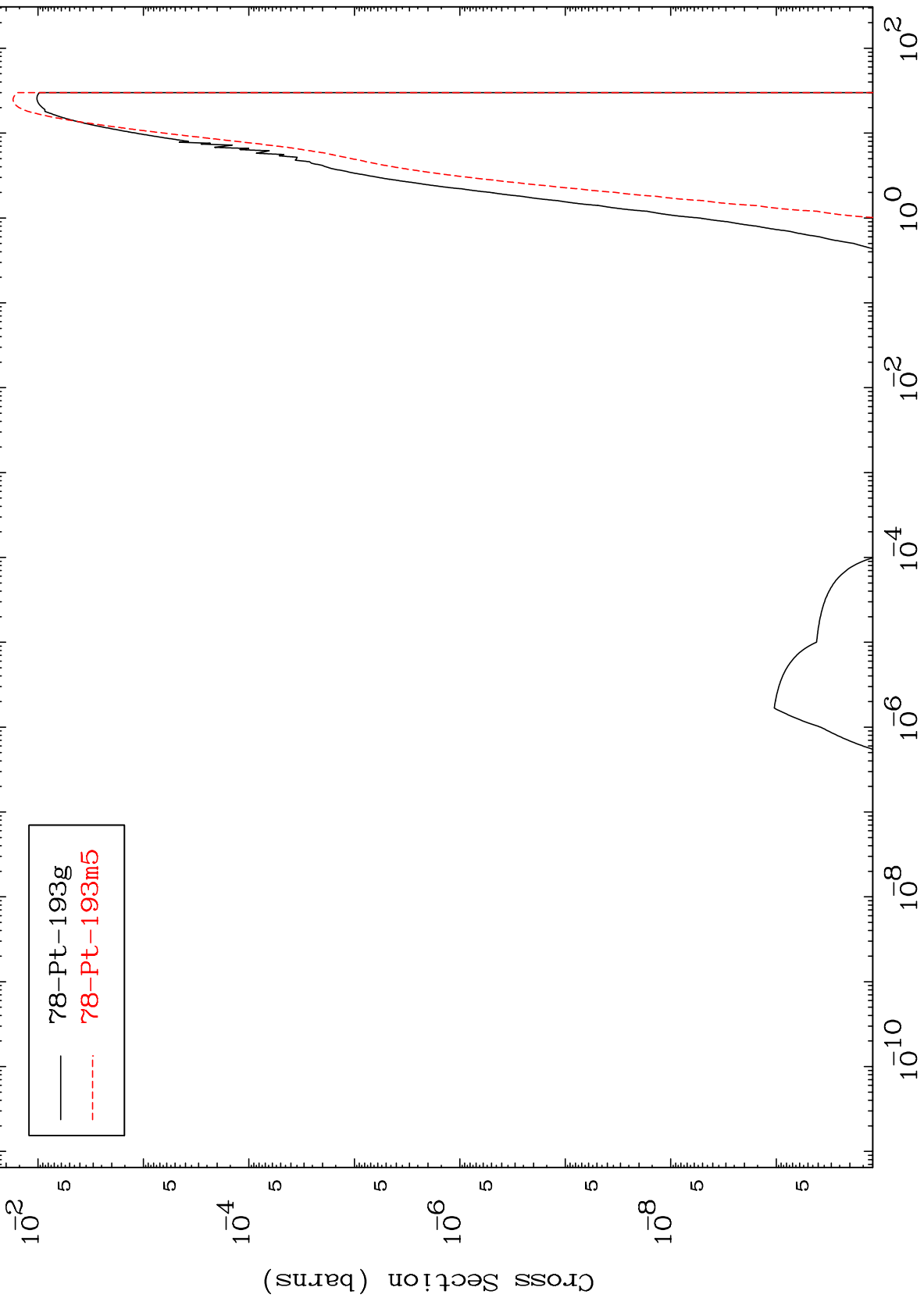
79-Au-193

MAT 7913

(n,p)

79-Au-193

Radionuclide Production Cross Section

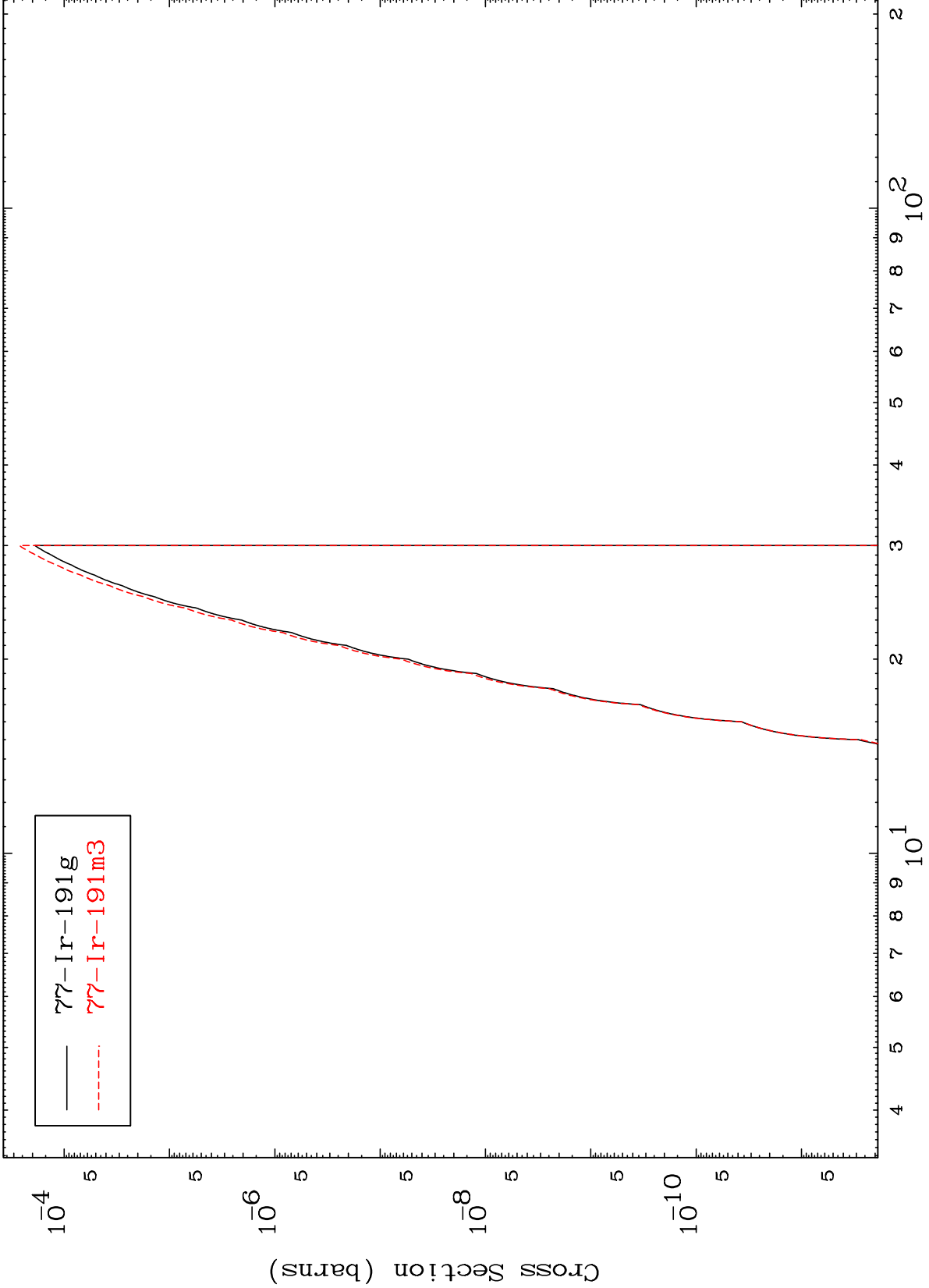


MAT 7913

(n,He-3)

79-Au-193

Radionuclide Production Cross Section



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

131

Incident Energy (MeV)

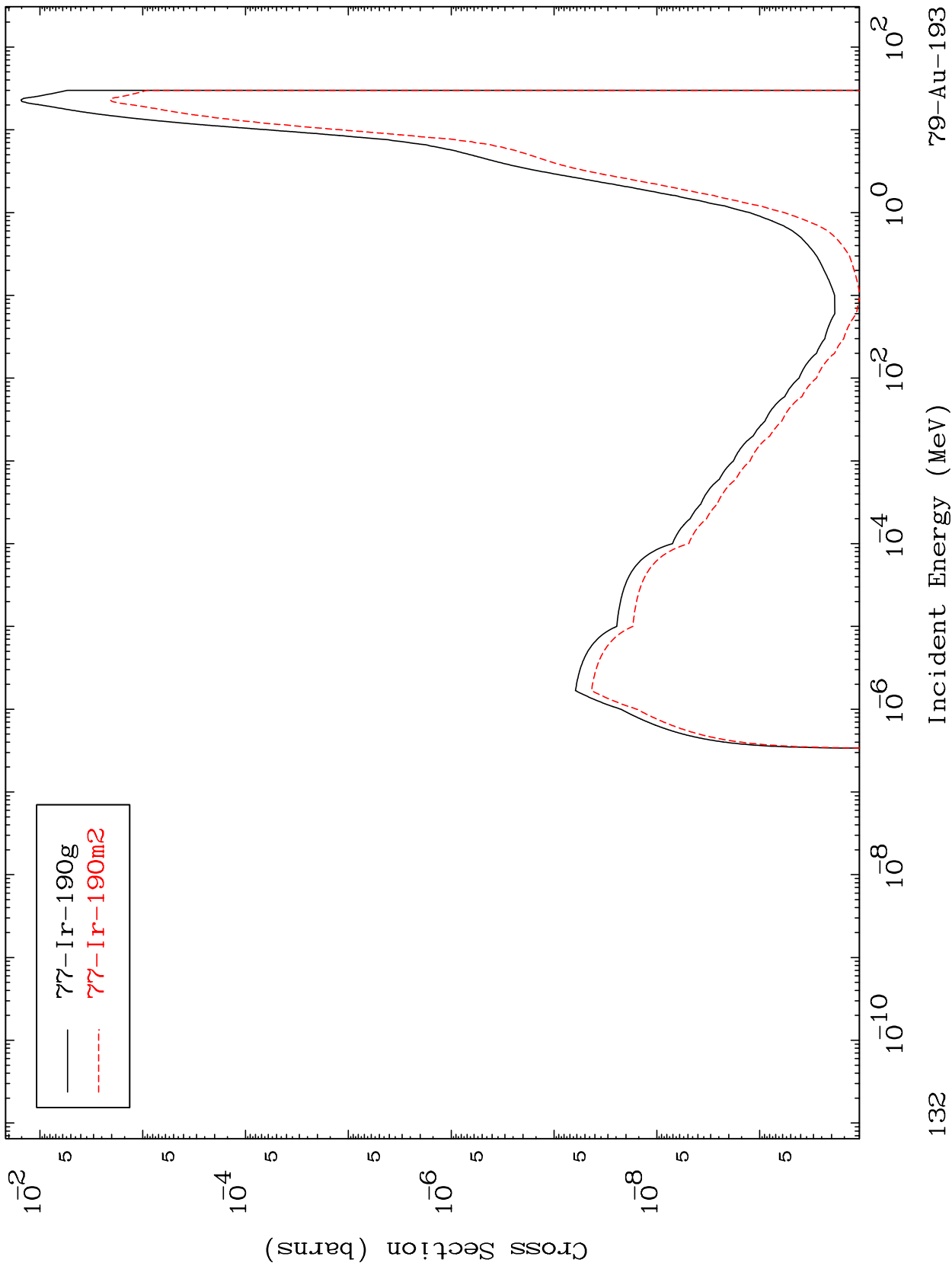
79-Au-193

MAT 7913

(n,  $\alpha$ )

79-Au-193

Radionuclide Production Cross Section

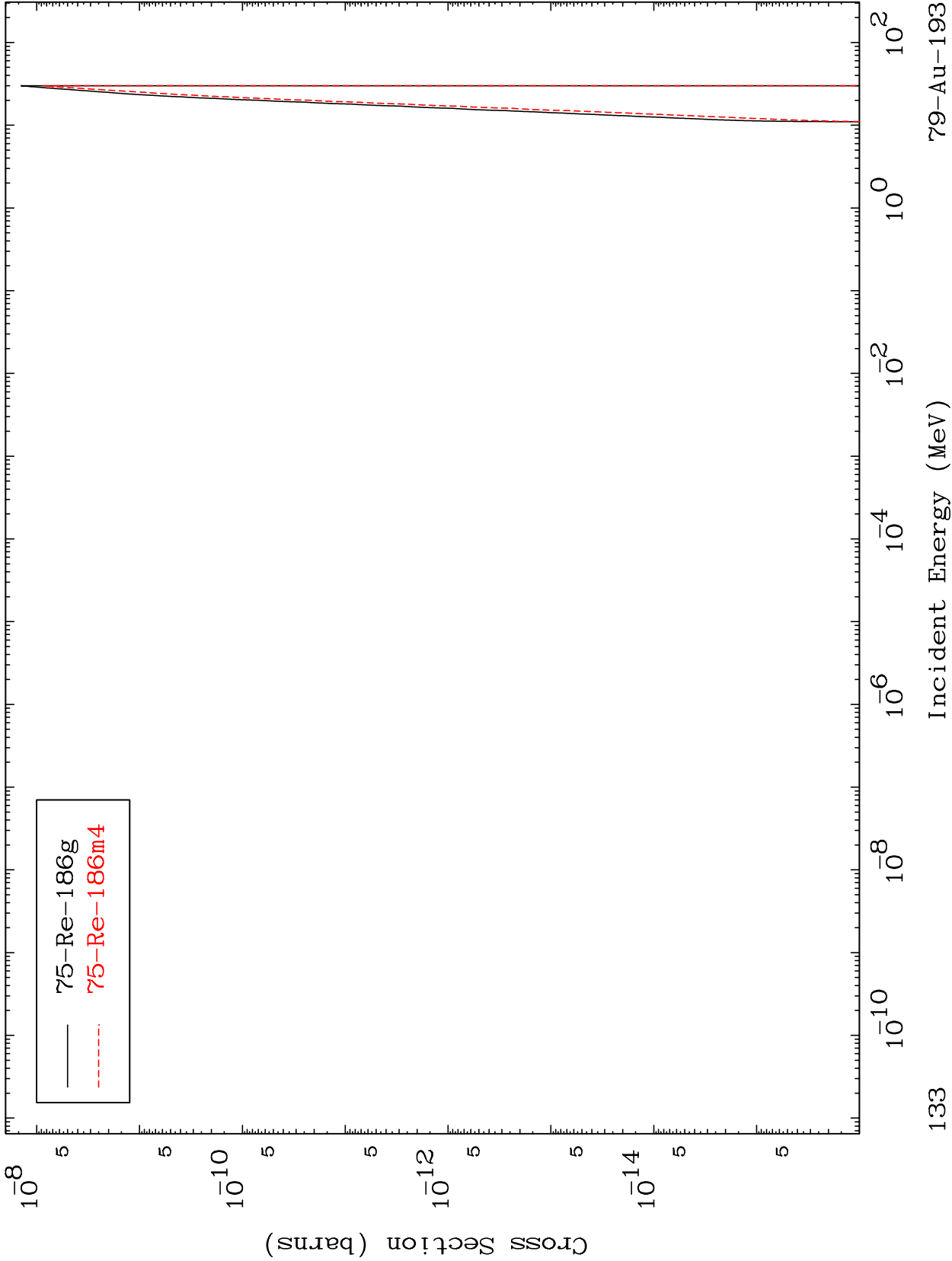


MAT 7913

(n,2α)

79-Au-193

Radionuclide Production Cross Section

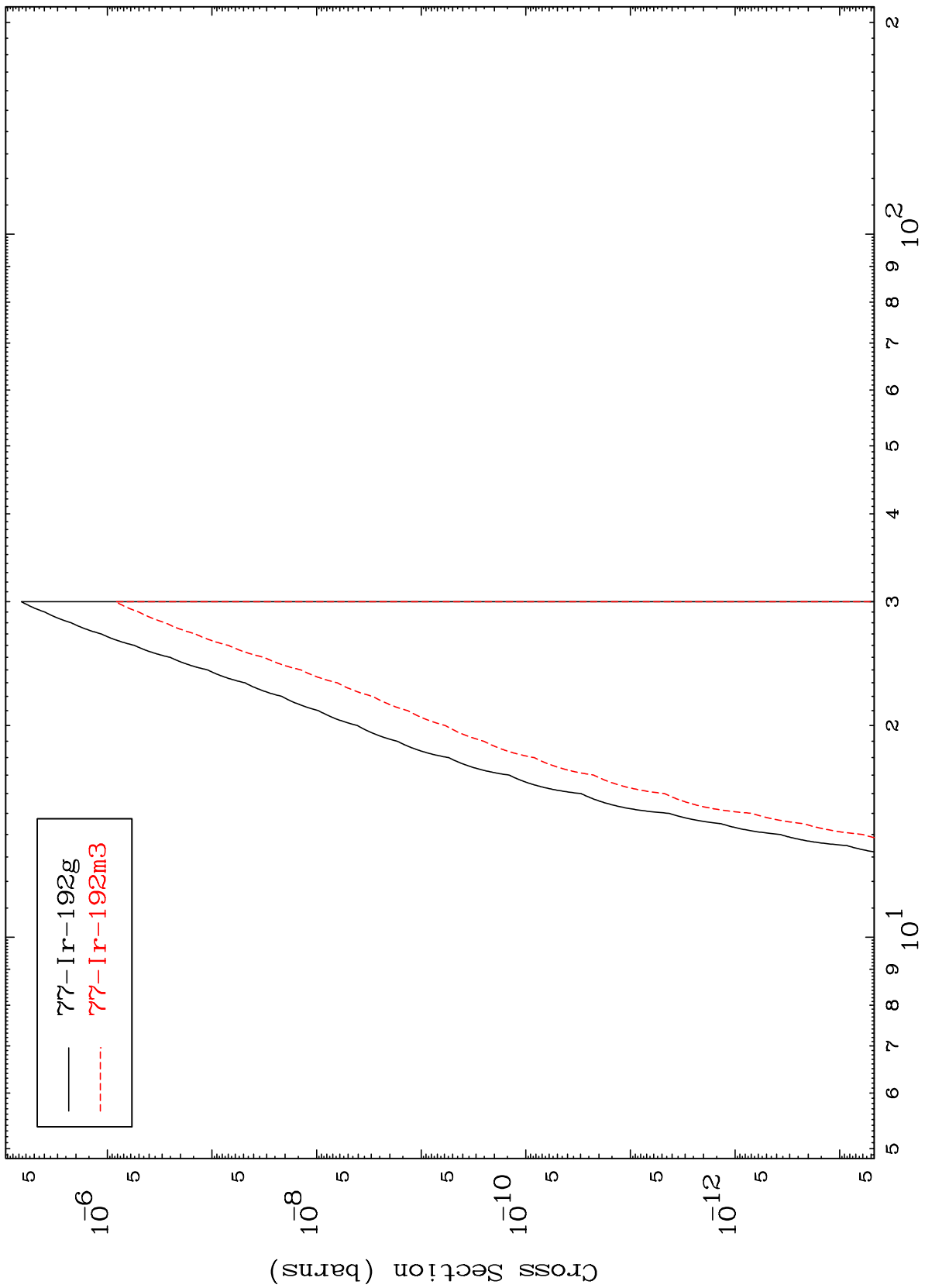


75-Re-186g  
75-Re-186m4

MAT 7913

79-Au-193

(n,2p)  
Radionuclide Production Cross Section



134

Incident Energy (MeV)

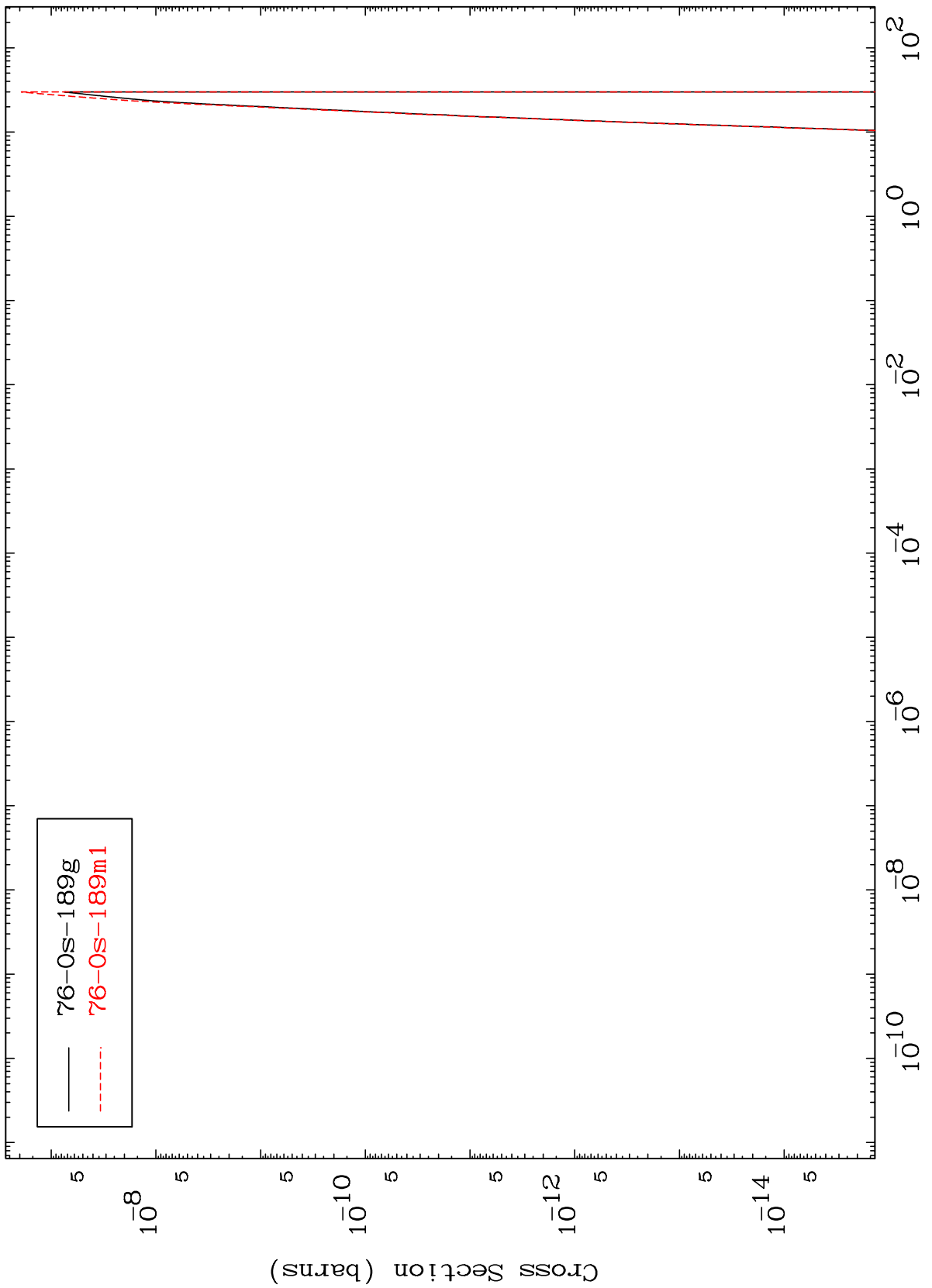
79-Au-193

MAT 7913

(n,p)  $\alpha$

<sup>79</sup>Au-193

Radionuclide Production Cross Section



76-0s-189g  
76-0s-189m1

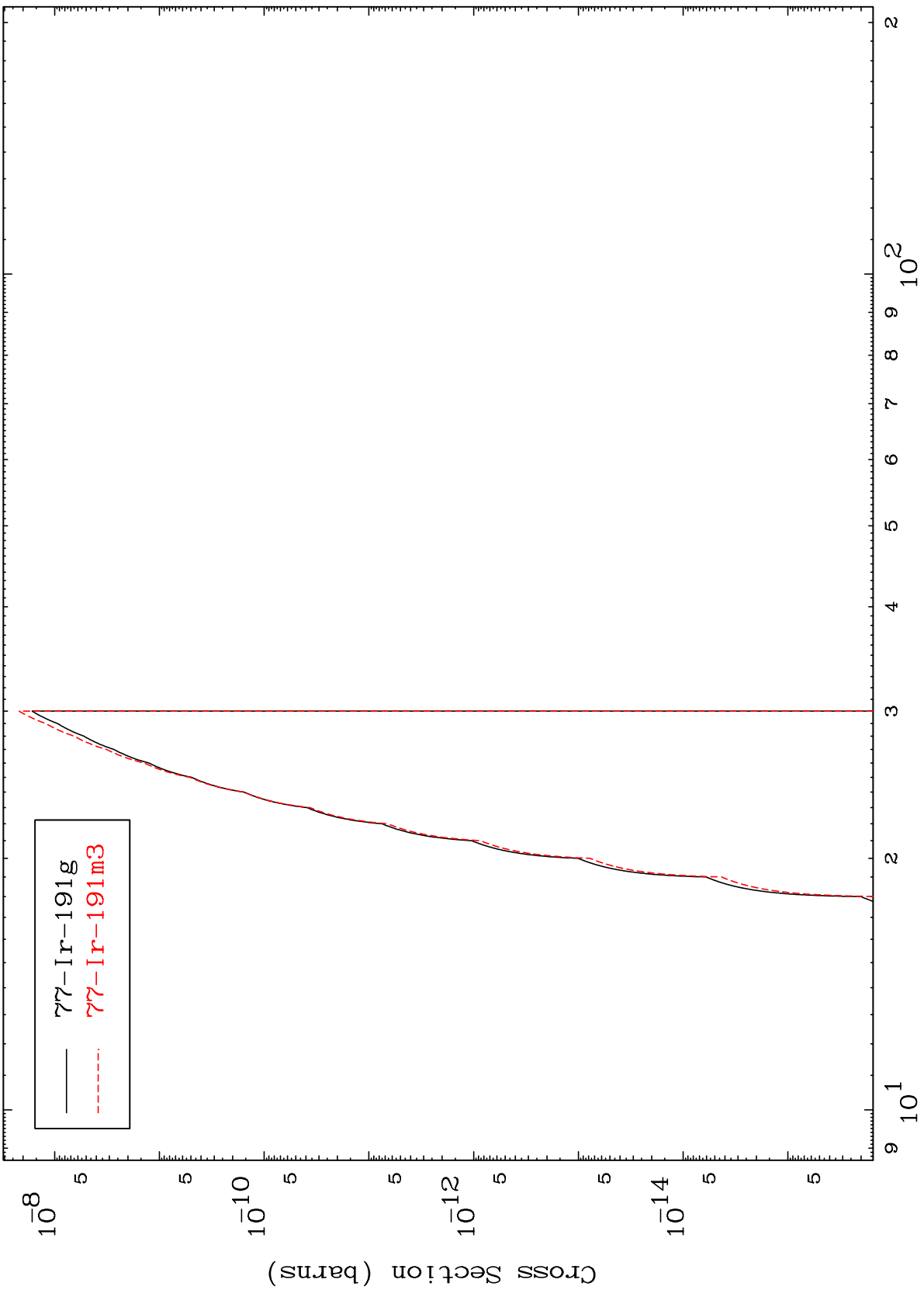


MAT 7913

(n,p) d

79-Au-193

Radionuclide Production Cross Section



77-Ir-191g  
77-Ir-191m3

136

Incident Energy (MeV)

79-Au-193

Radionuclide Production Cross Section

