

Program EVALPLOT  
(Version 2015-2)

by

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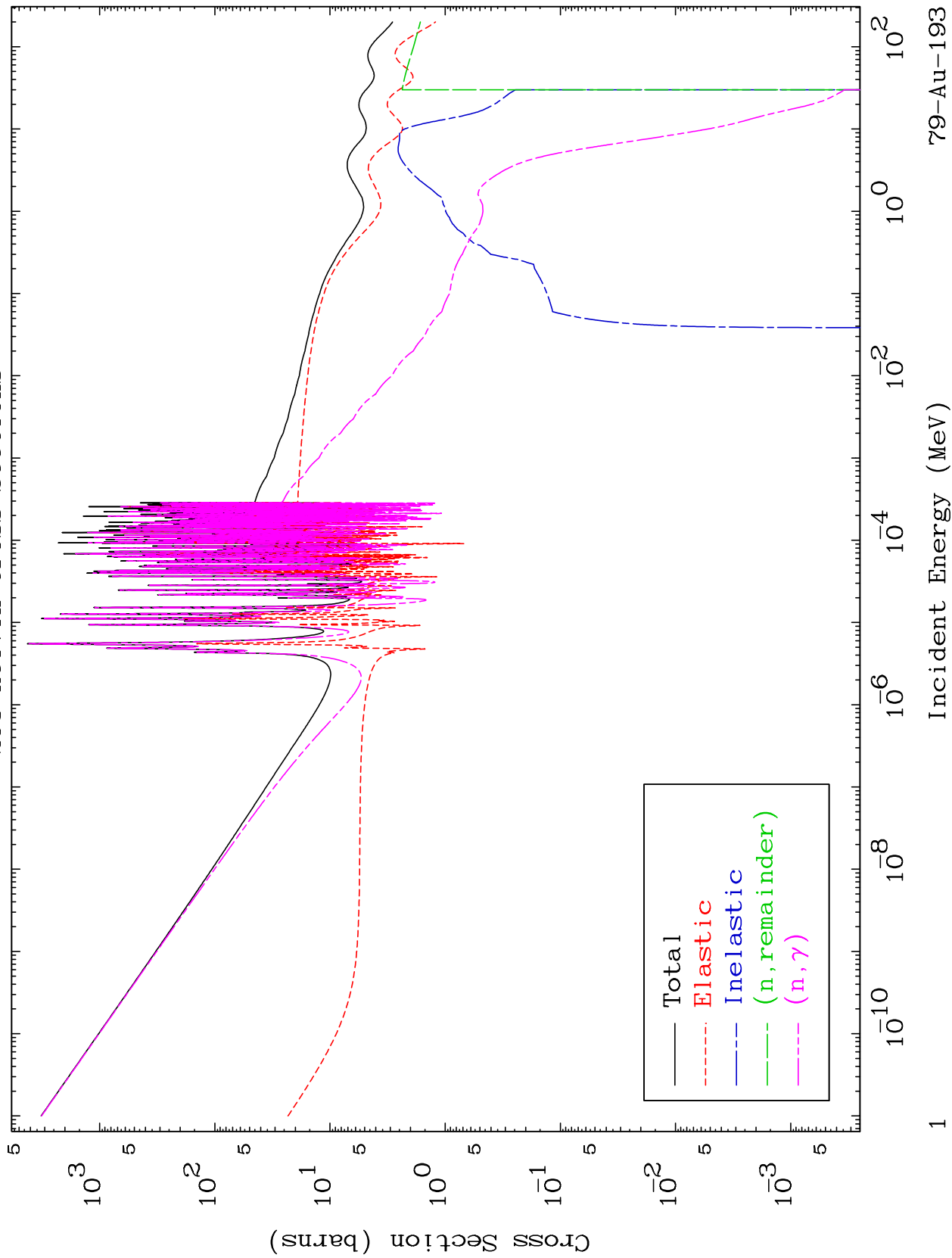
Press Mouse Button to Start

MAT 7913

Major

293 Kelvin Cross Sections

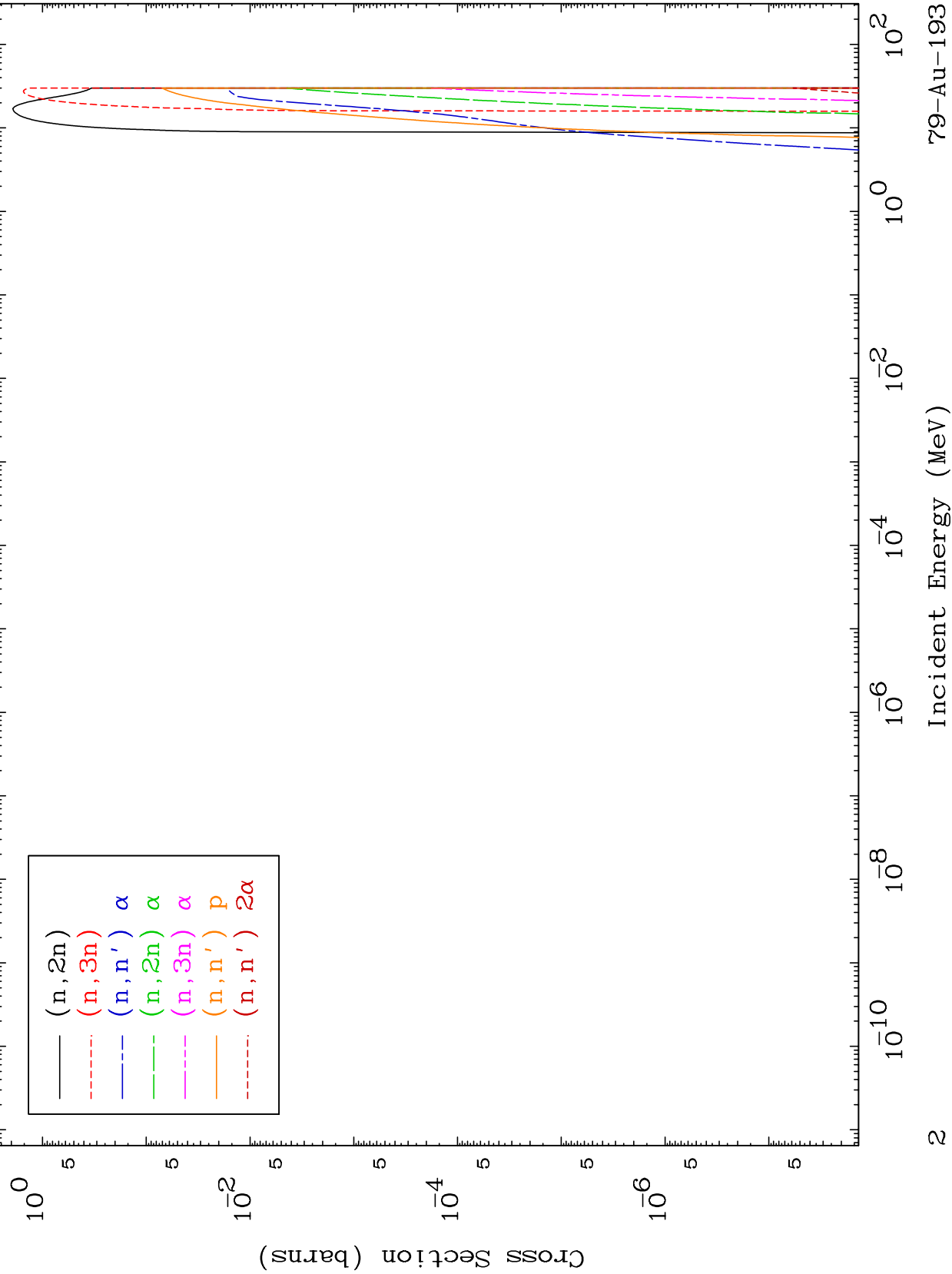
79-Au-193

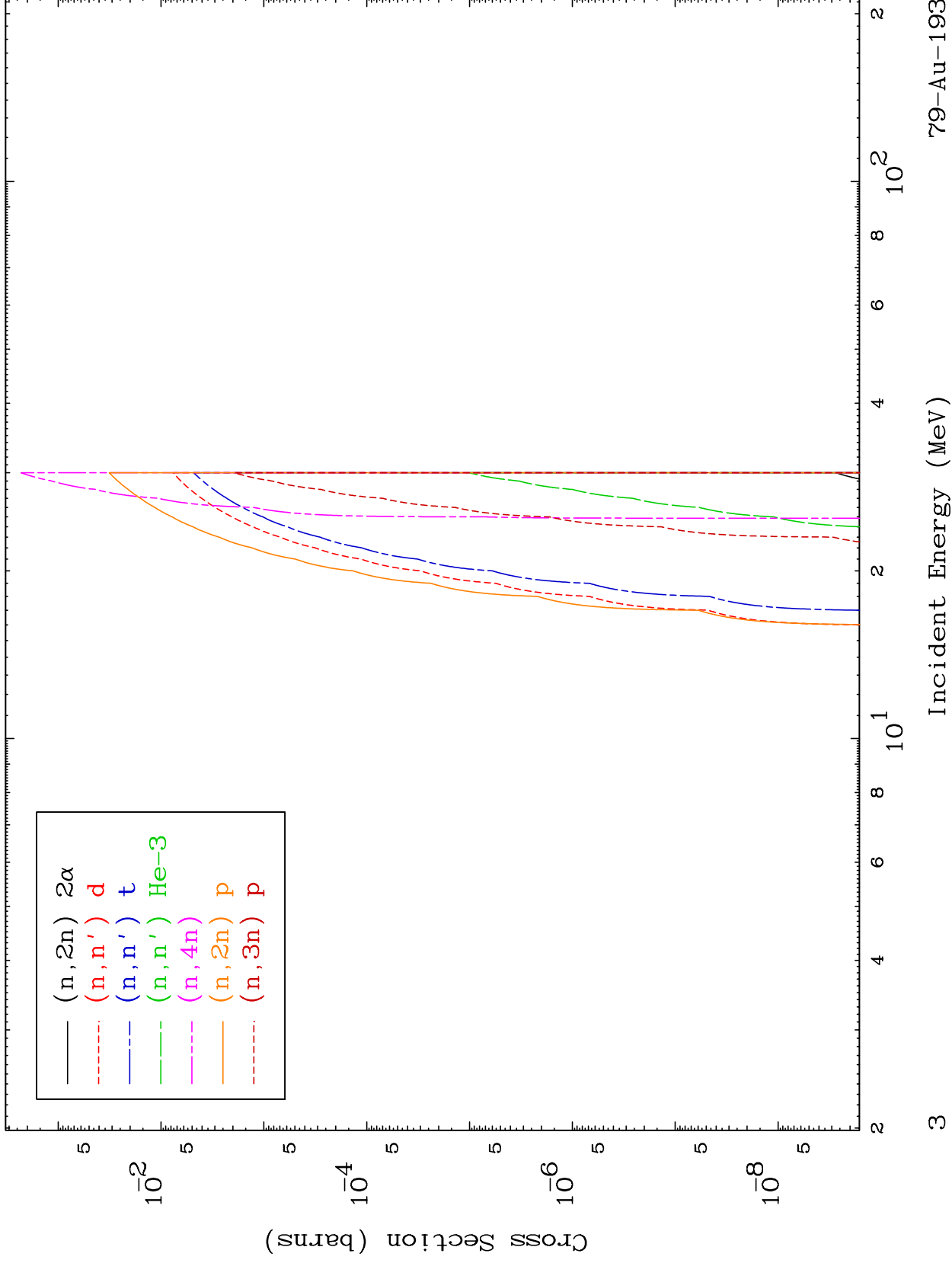


MAT 7913

Neutron Production  
293 Kelvin Cross Sections

79-Au-193

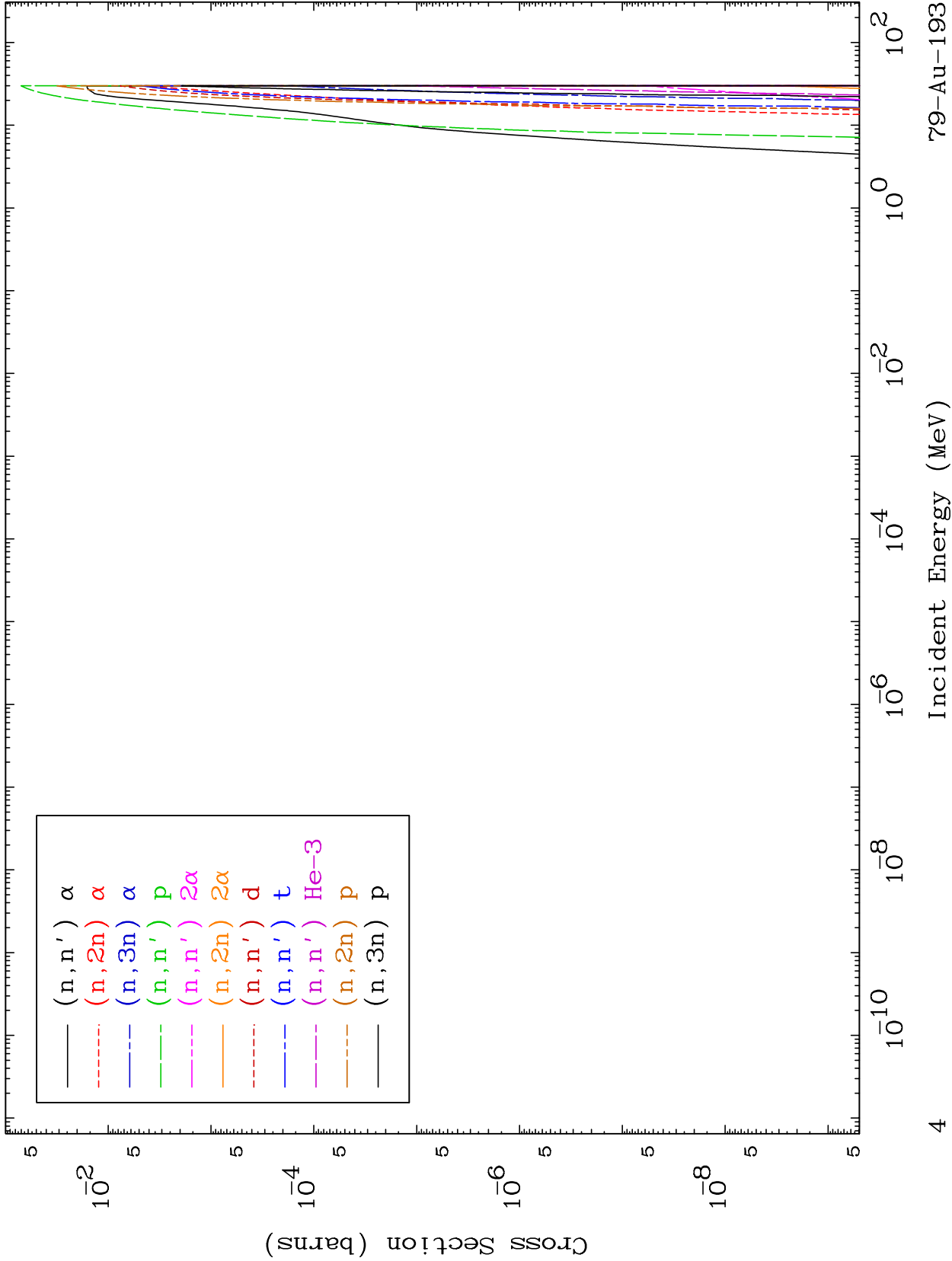




MAT 7913

Charged Particle  
293 Kelvin Cross Sections

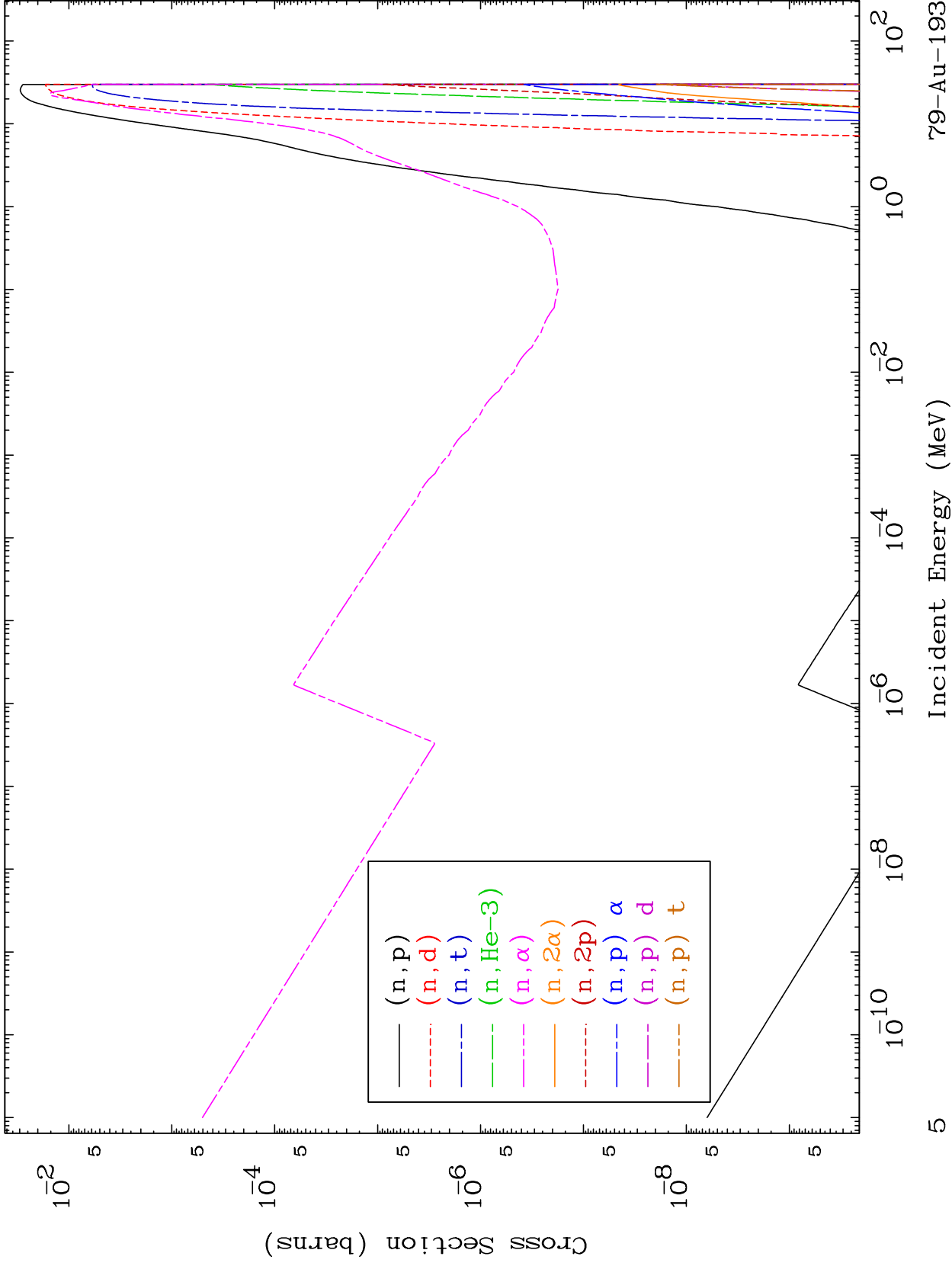
79-Au-193

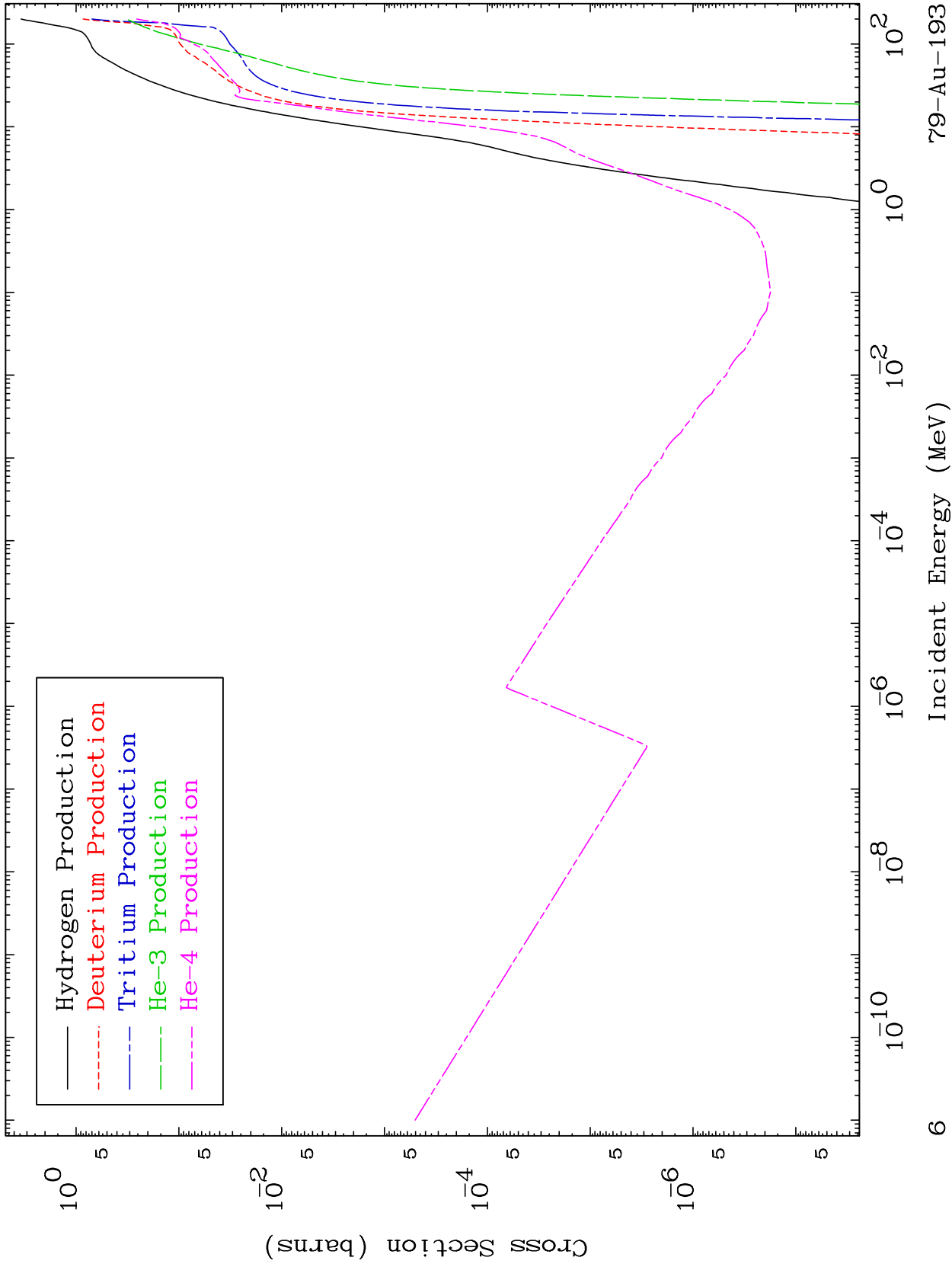


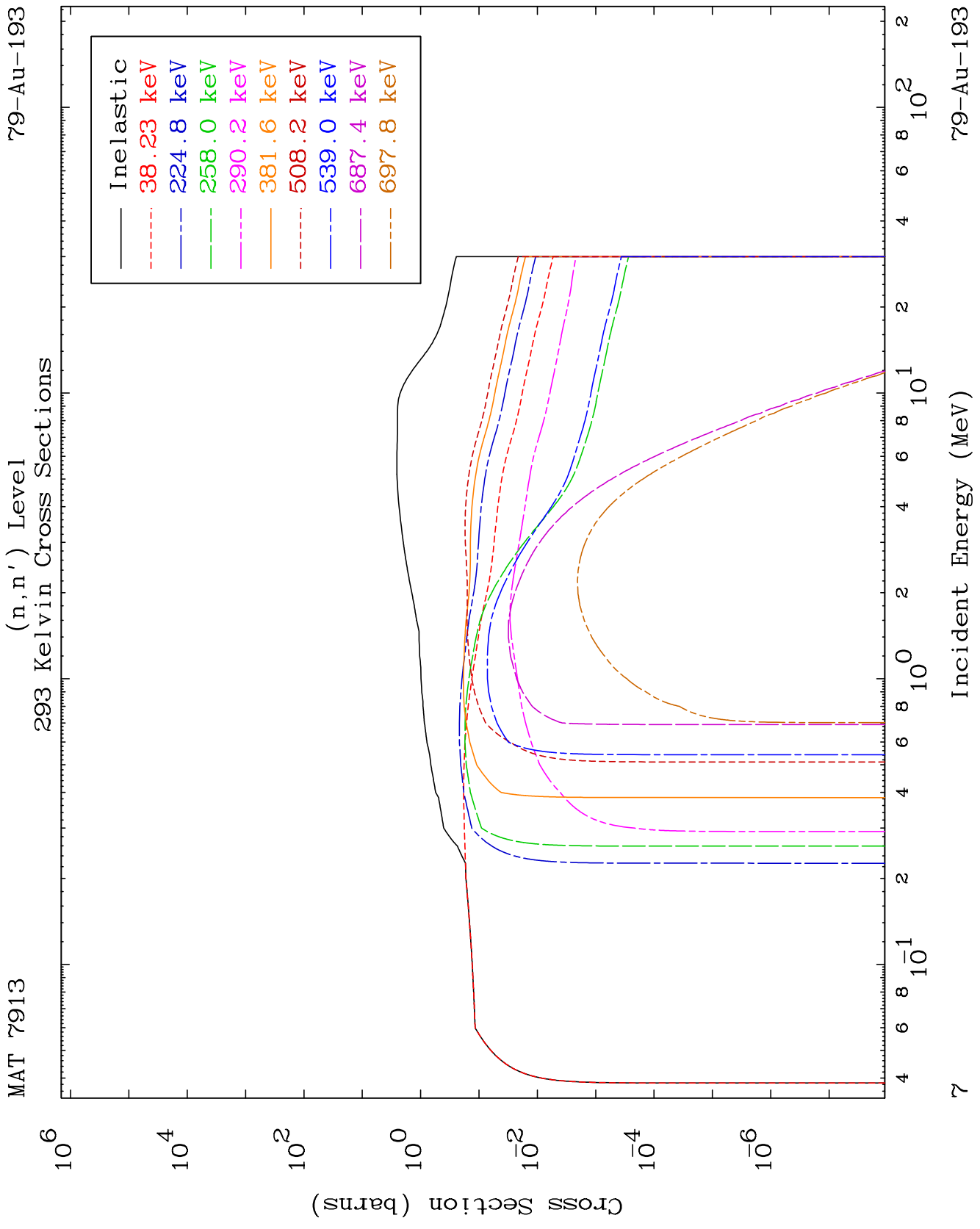
MAT 7913

Charged Particle  
293 Kelvin Cross Sections

79-Au-193





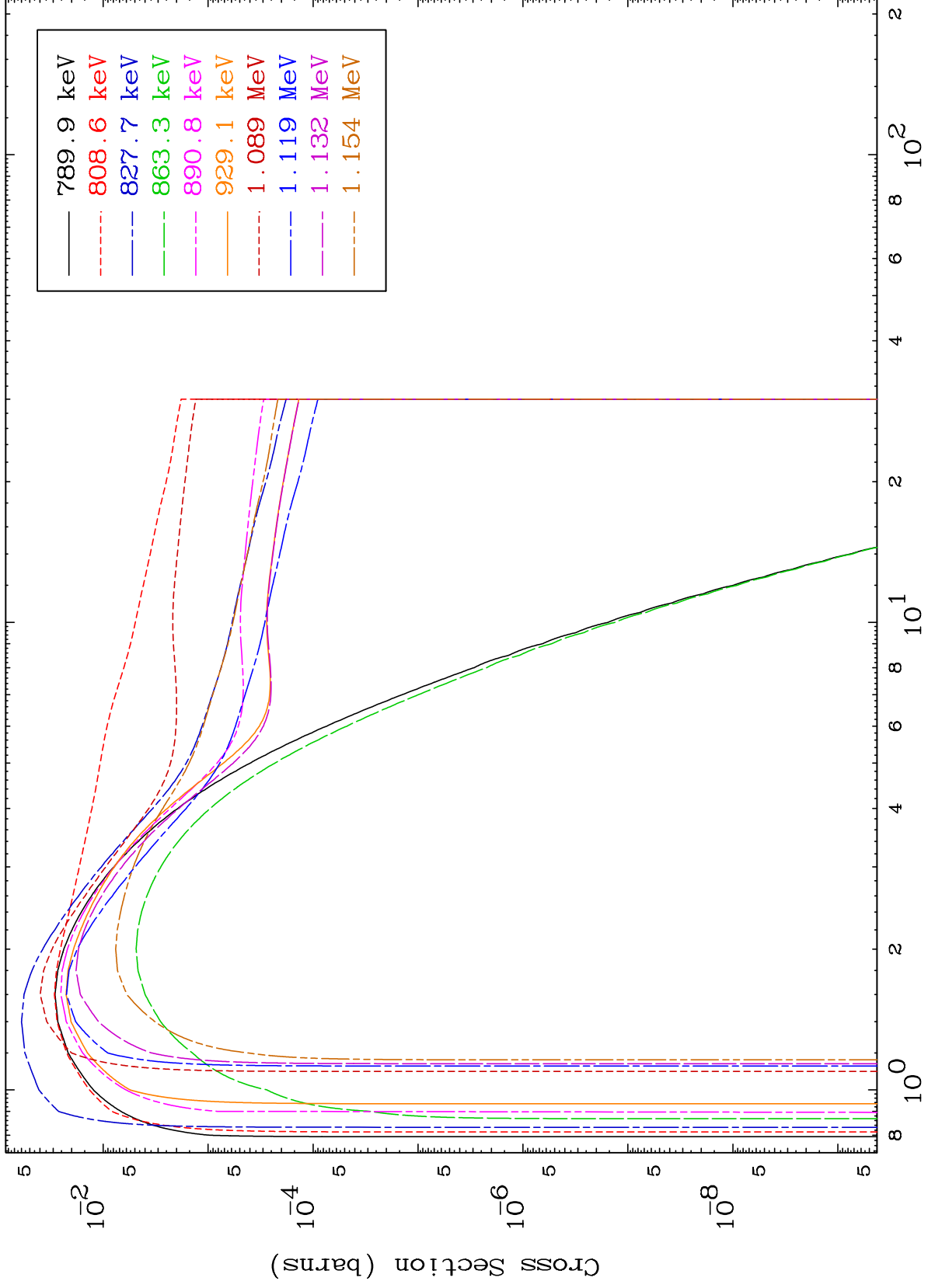




MAT 7913

(n,n') Level  
293 Kelvin Cross Sections

79-Au-193

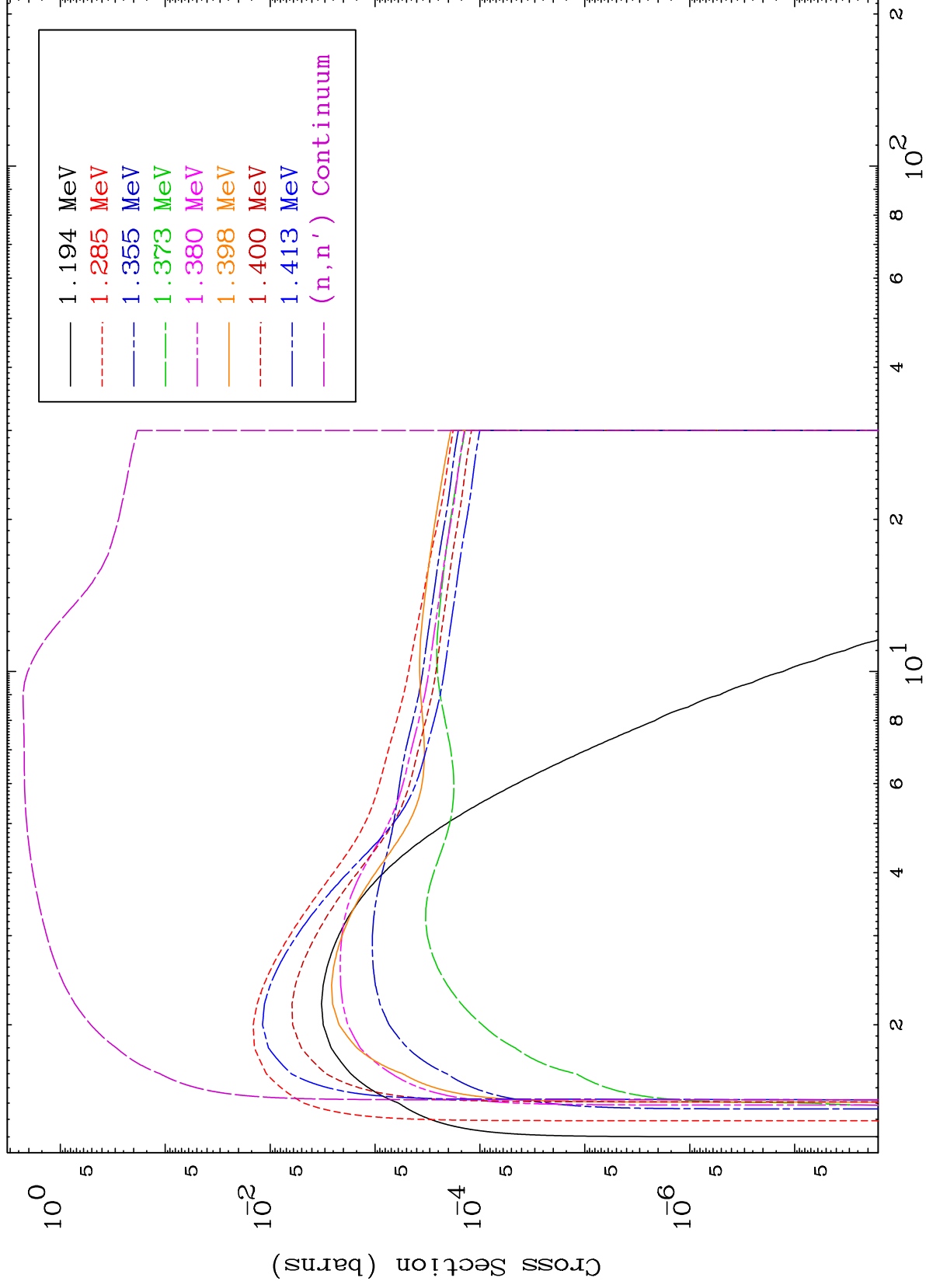


8

Incident Energy (MeV)

79-Au-193

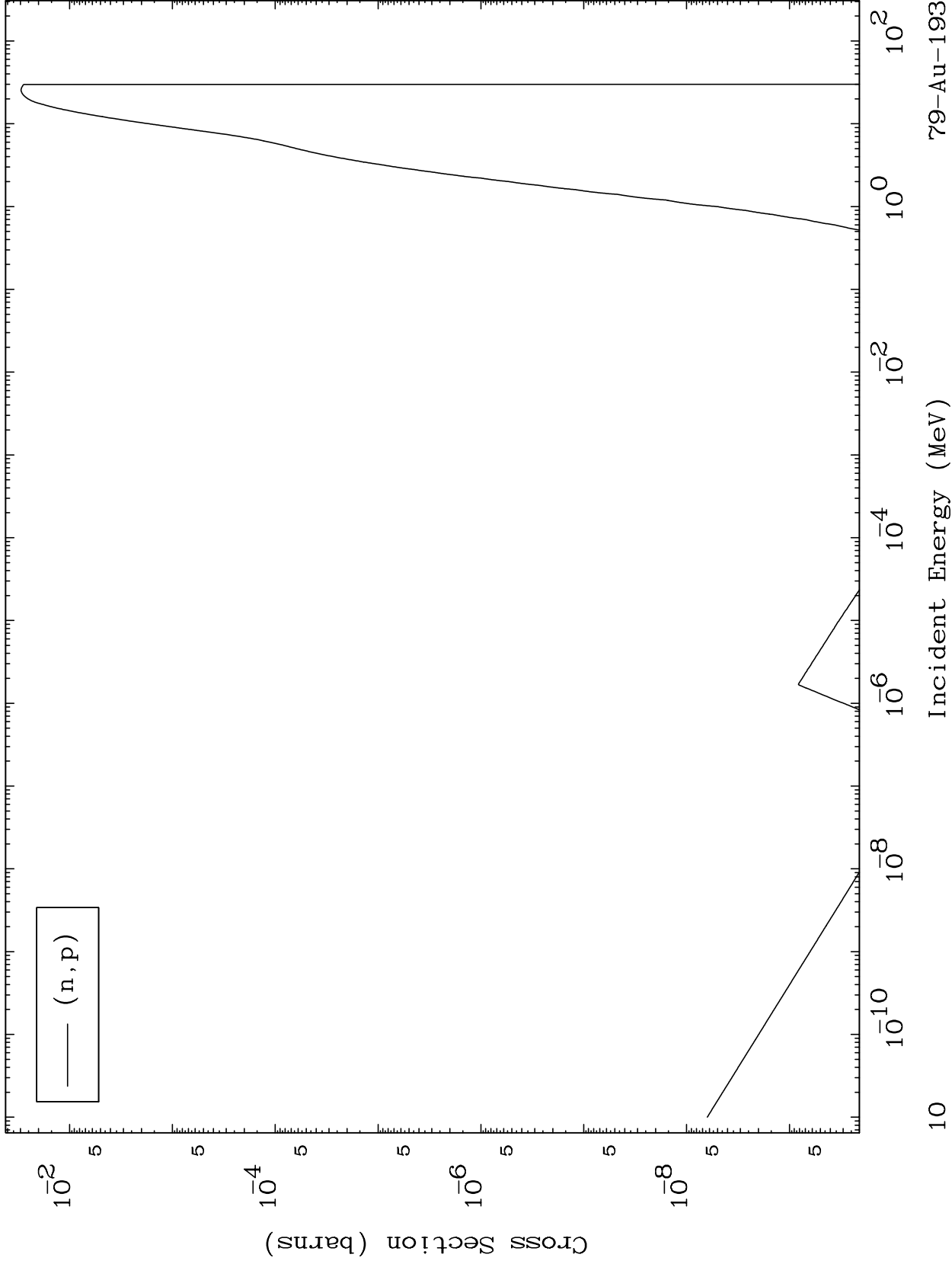
293 Kelvin Cross Sections



MAT 7913

(n,p) Levels  
293 Kelvin Cross Sections

79-Au-193



79-Au-193

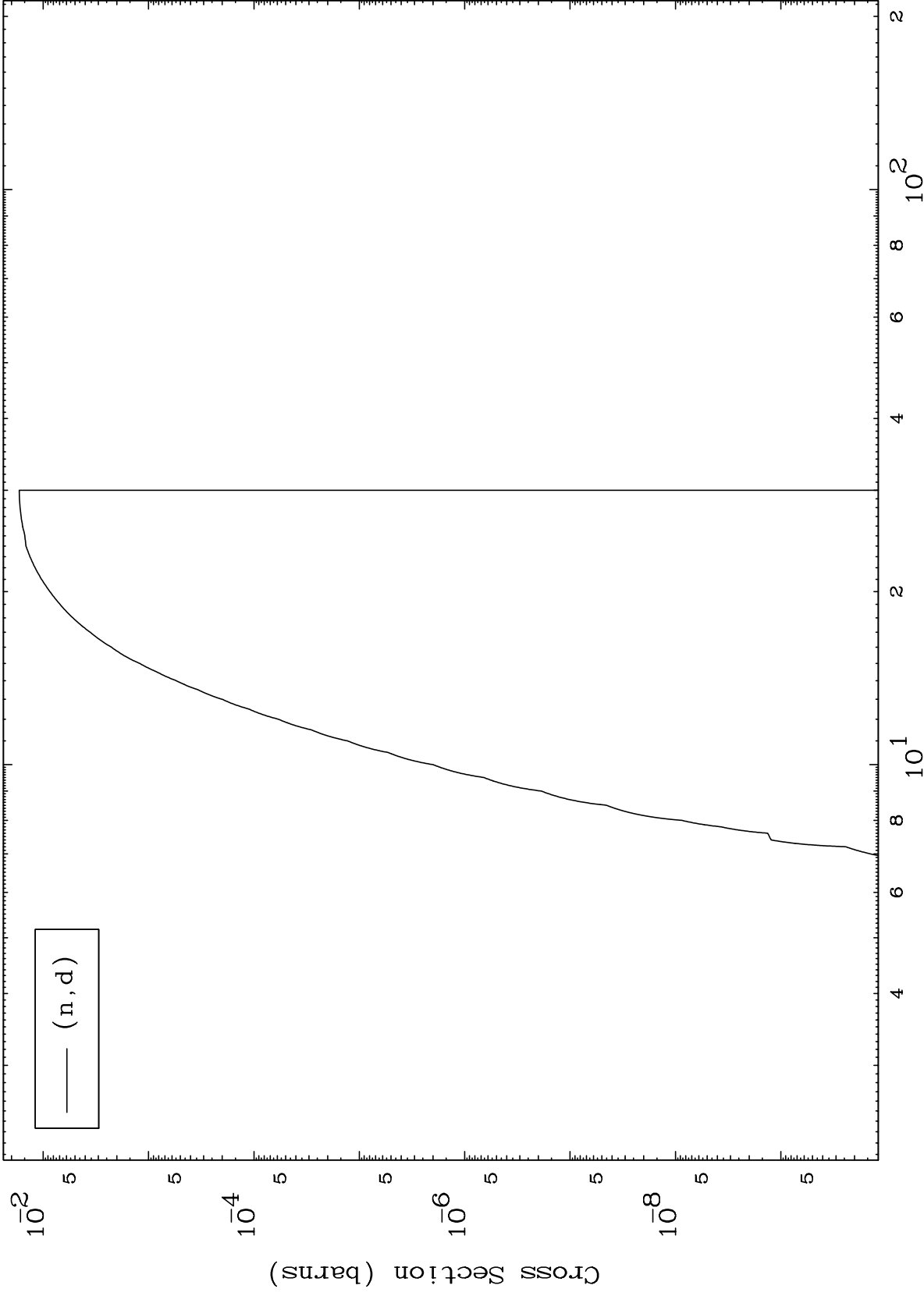
Incident Energy (MeV)

10

MAT 7913

(n,d) Levels  
293 Kelvin Cross Sections

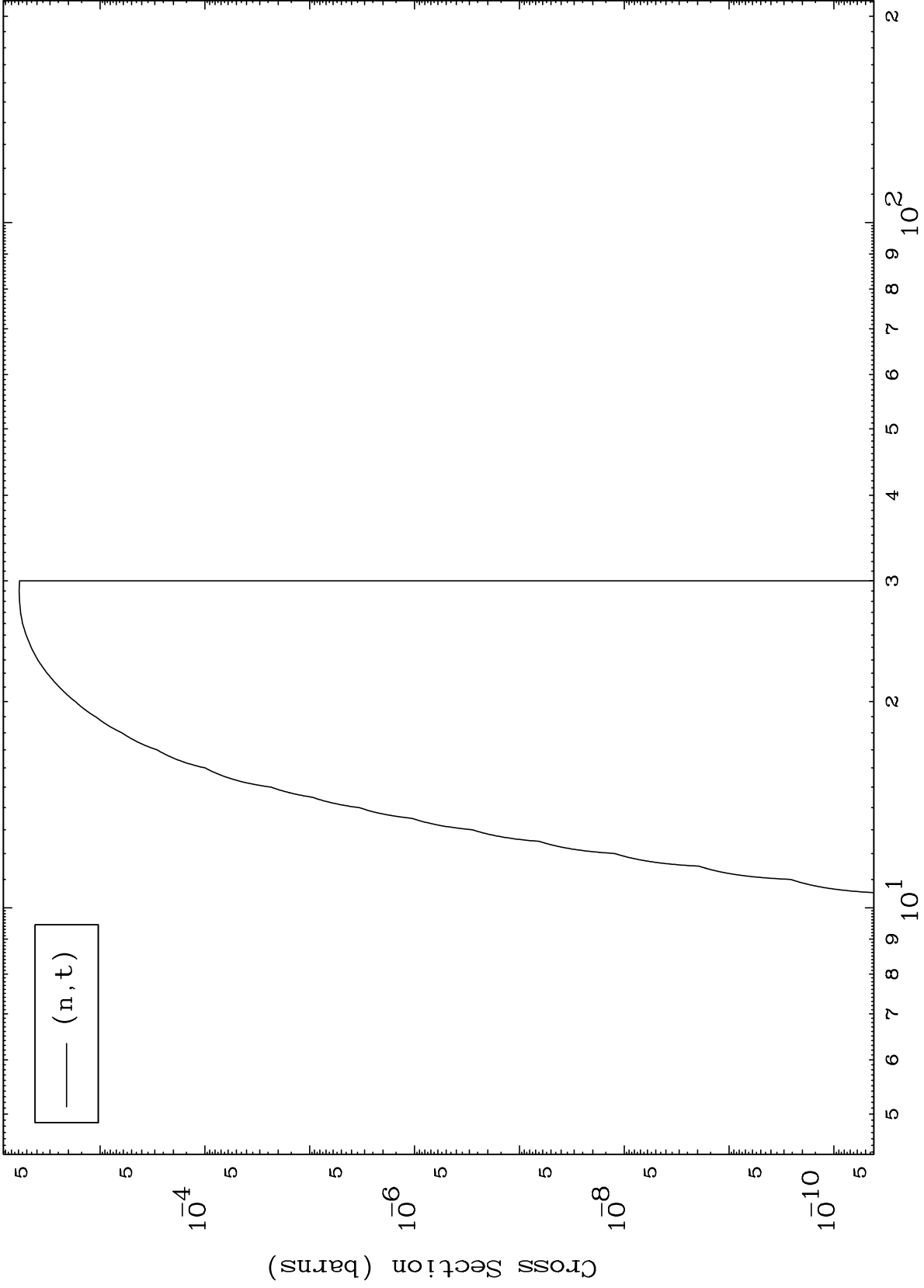
79-Au-193



MAT 7913

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-193



12

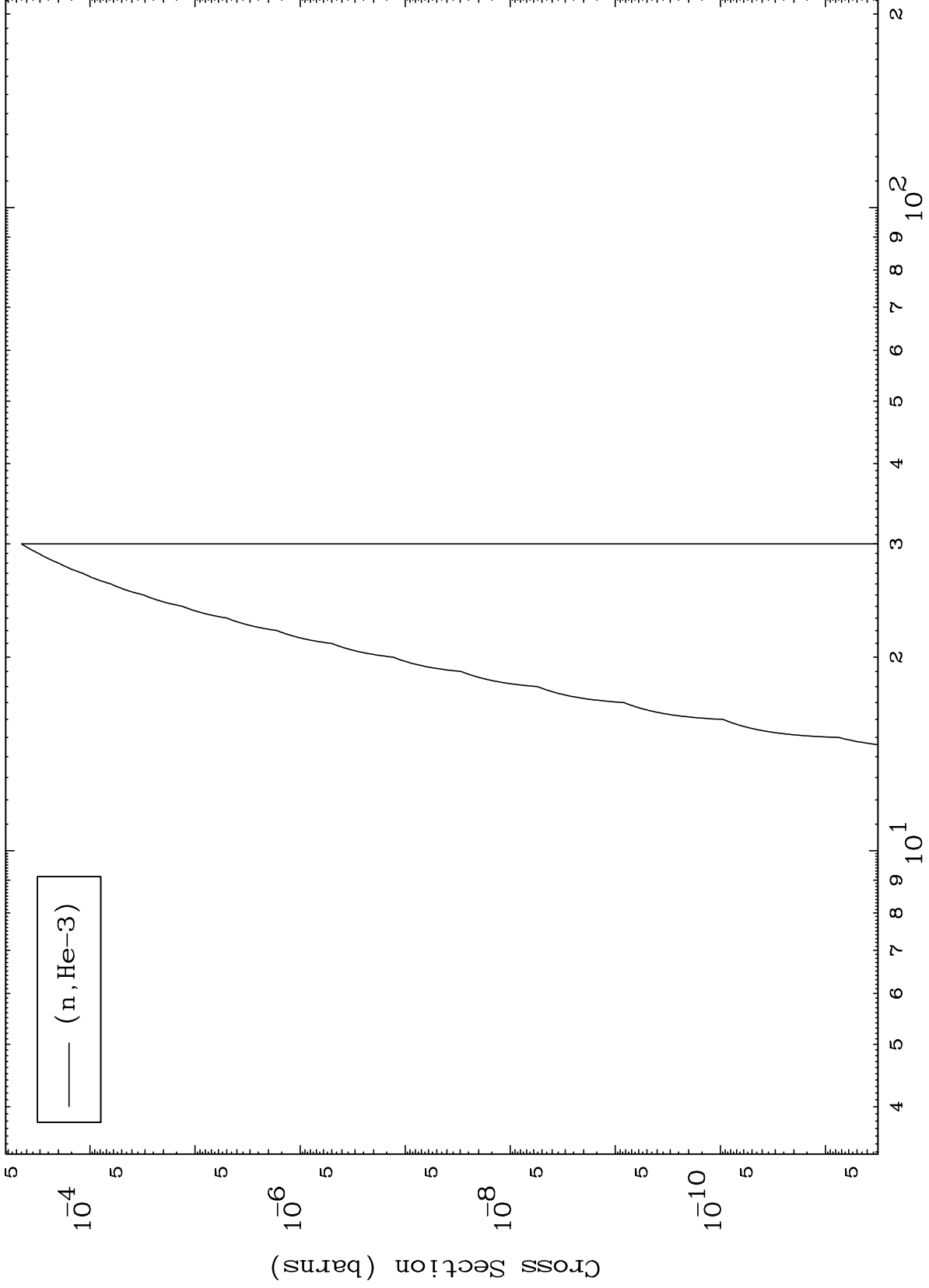
Incident Energy (MeV)

79-Au-193

MAT 7913

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-193



(n, He-3)

13

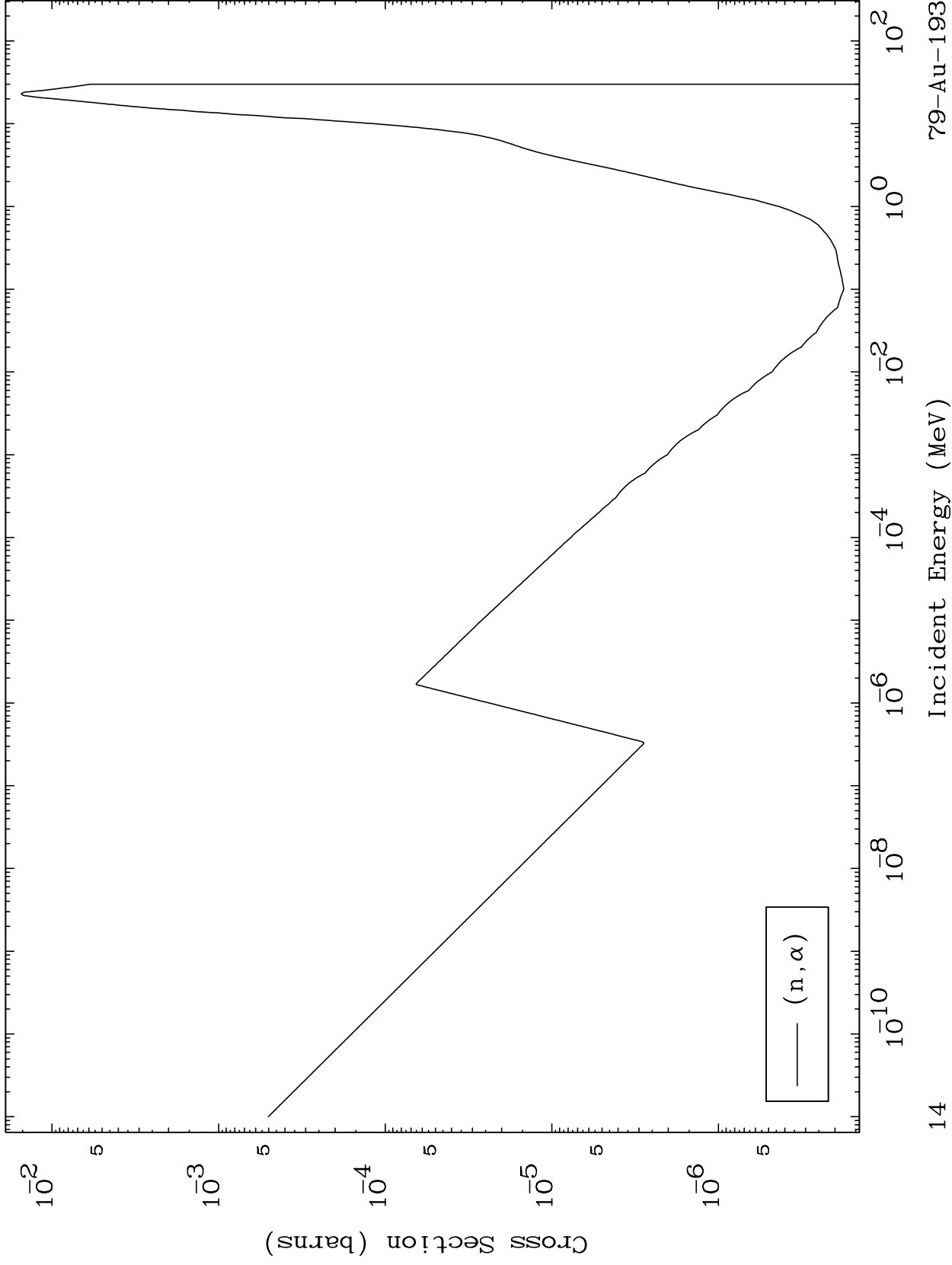
Incident Energy (MeV)

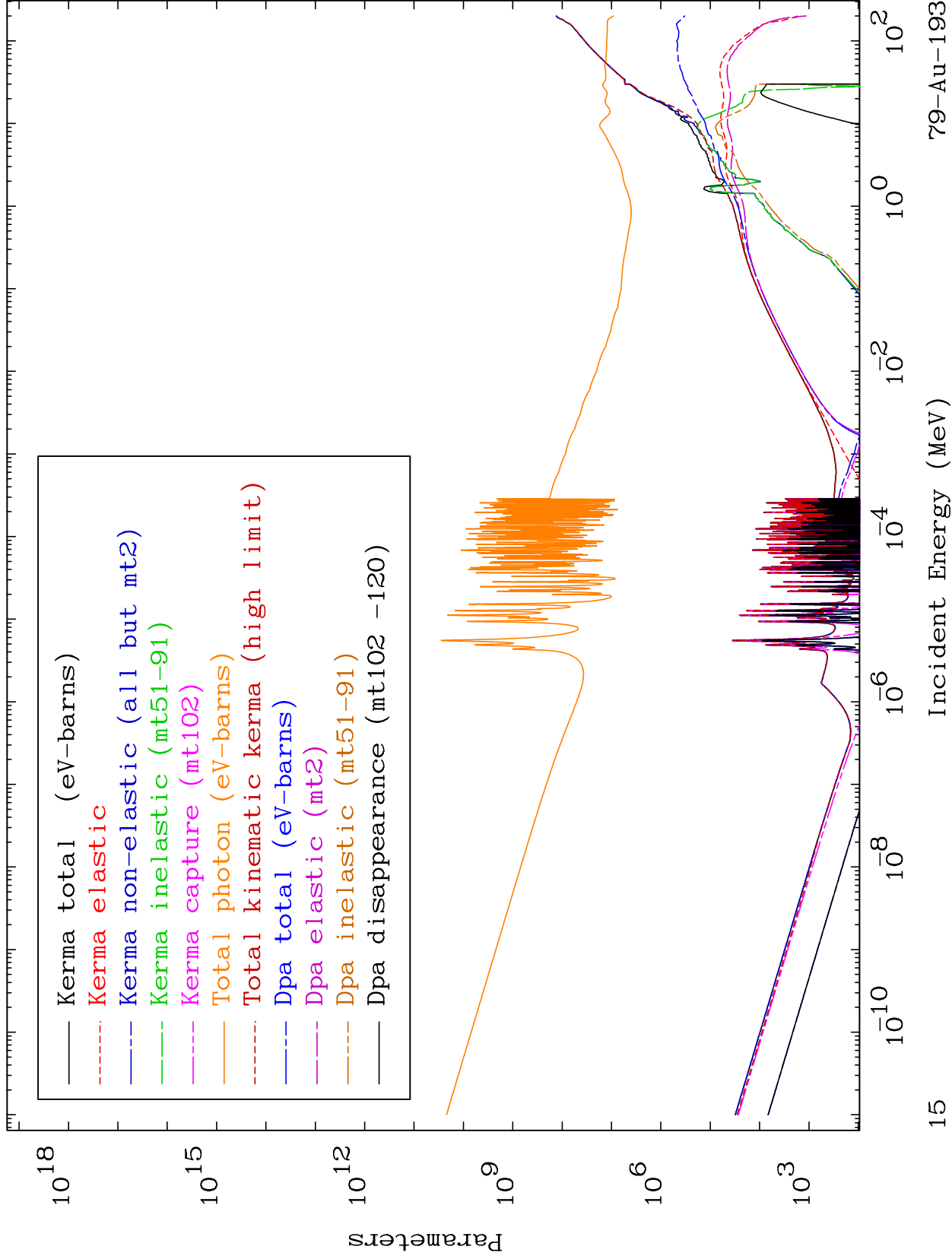
79-Au-193

MAT 7913

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

79-Au-193



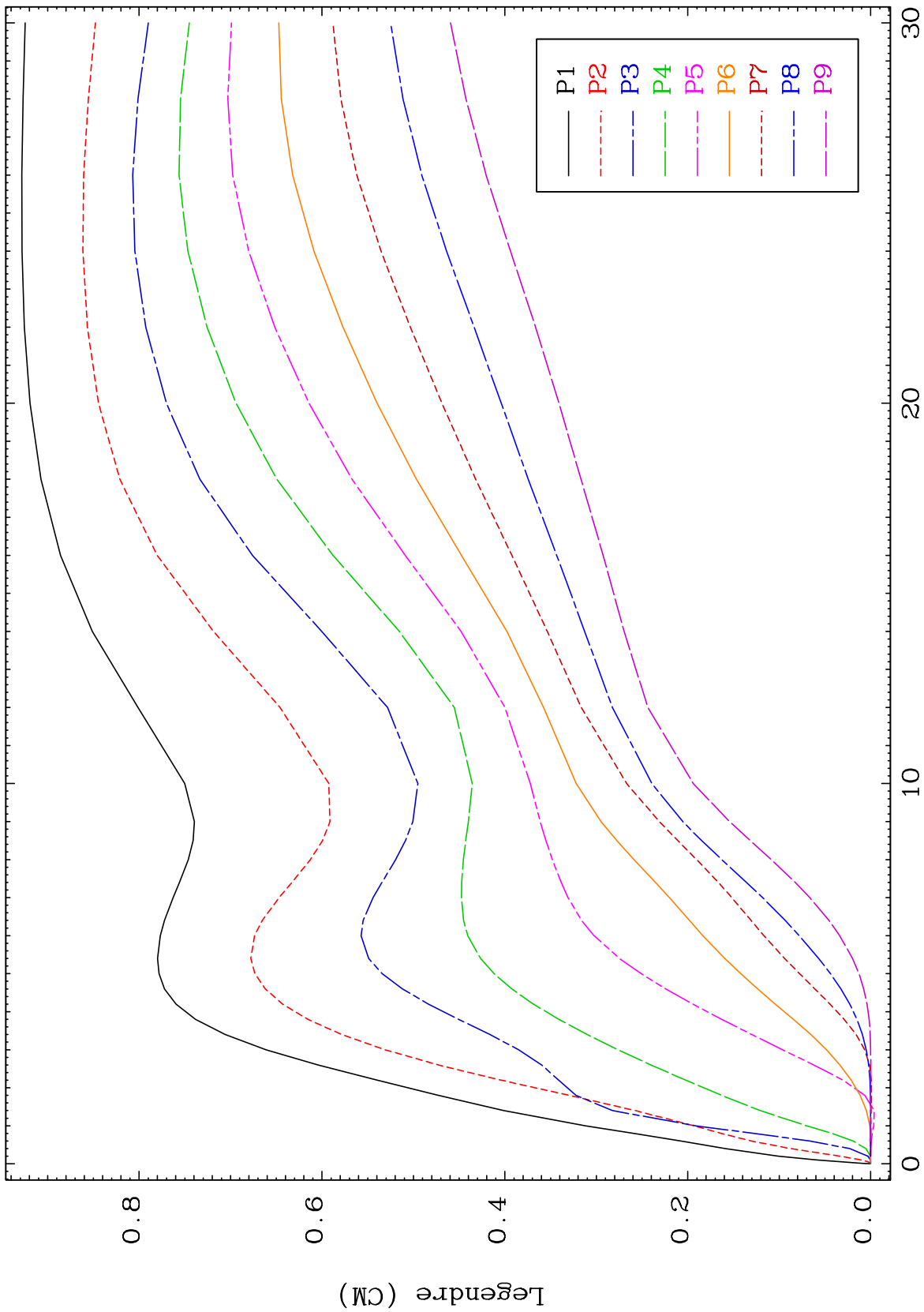




MAT 7913

79-Au-193

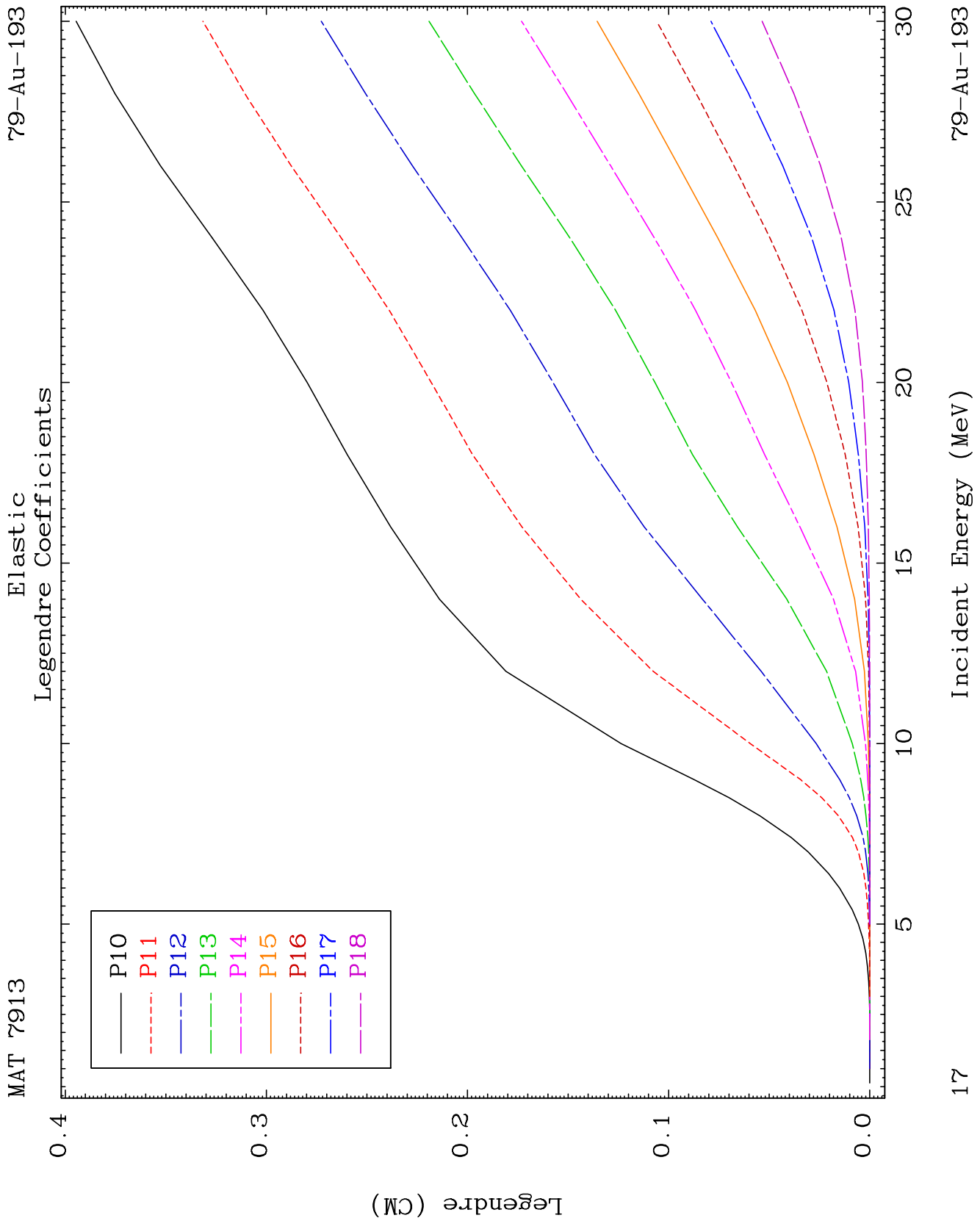
Elastic Legendre Coefficients



79-Au-193

Incident Energy (MeV)

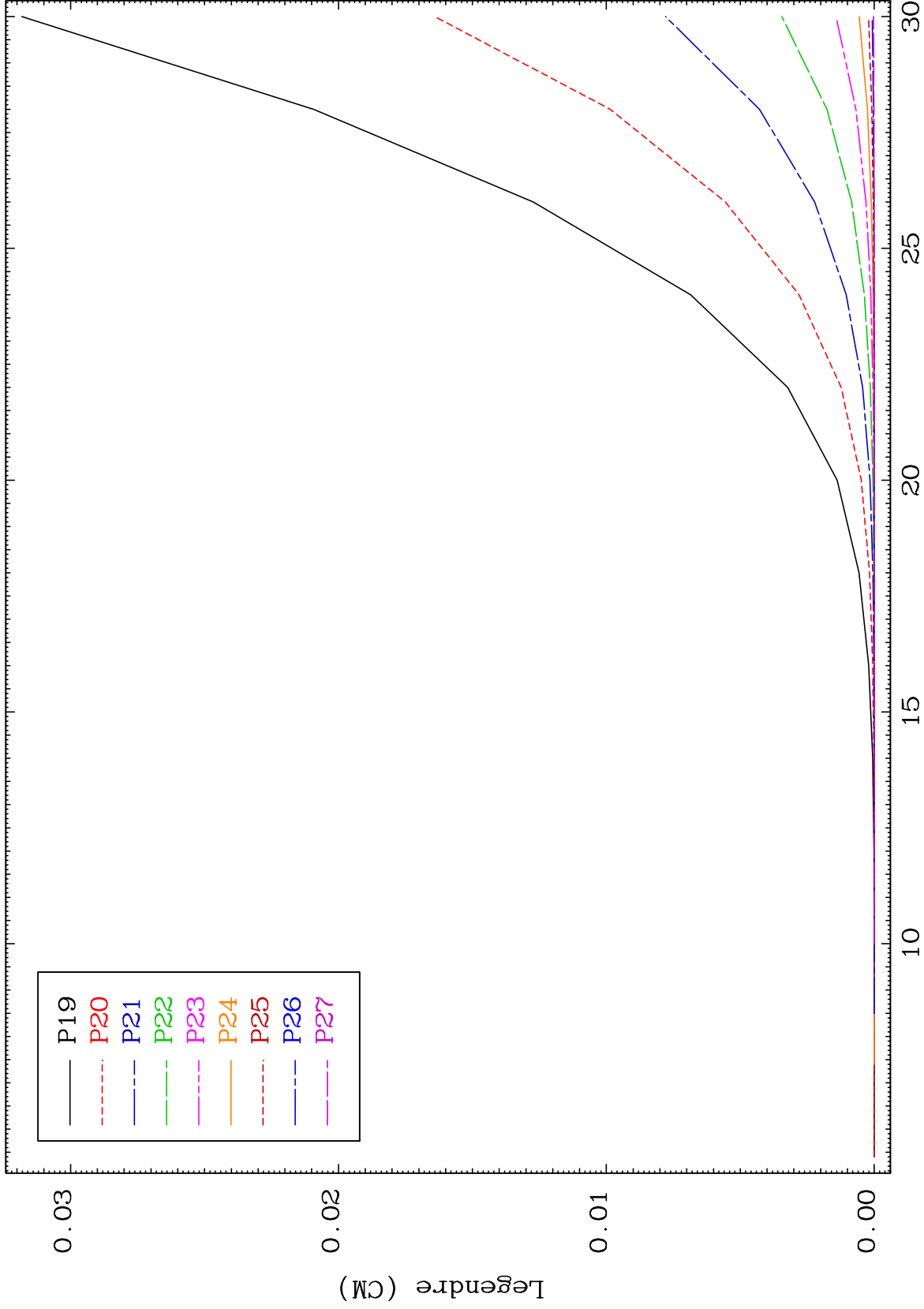
16



MAT 7913

### Elastic Legendre Coefficients

79-Au-193



18

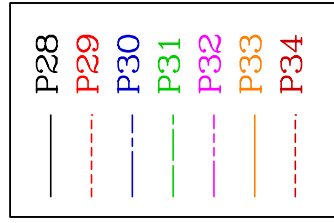
Incident Energy (MeV)

79-Au-193

MAT 7913

Elastic  
Legendre Coefficients

79-Au-193



$\times 10^{-6}$

Legendre (CM)

8

6

4

2

0

15

20

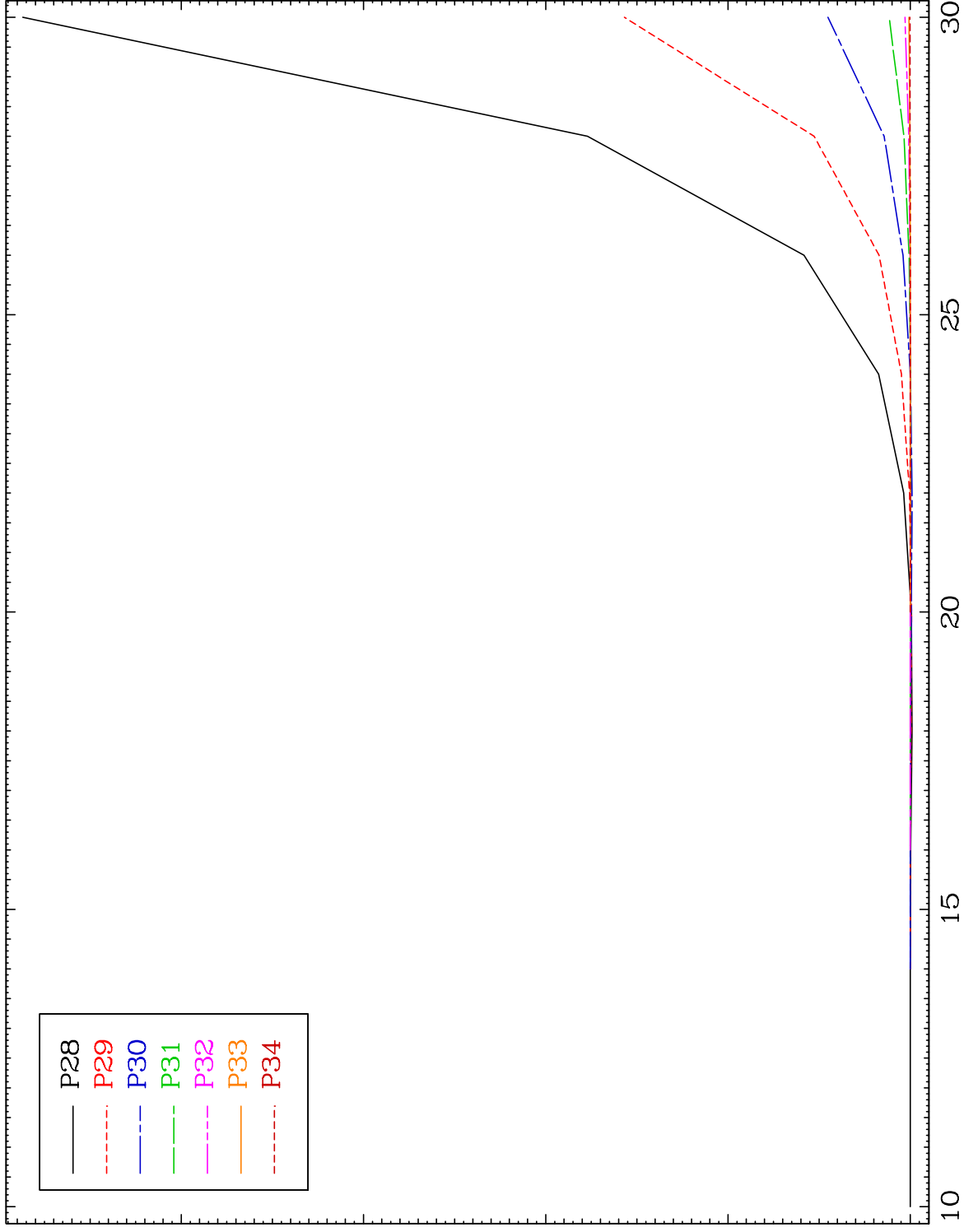
25

30

19

Incident Energy (MeV)

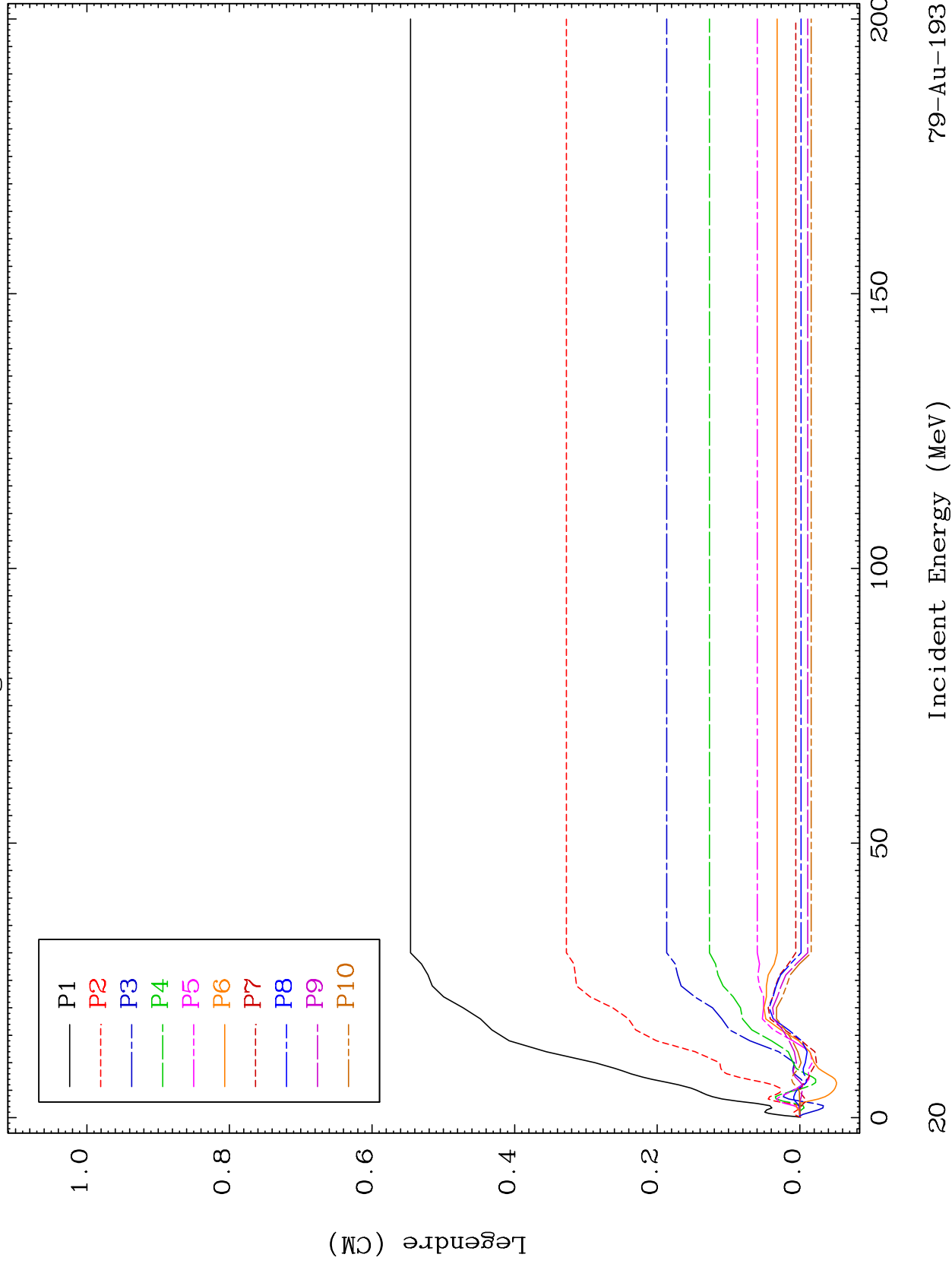
79-Au-193



MAT 7913

38.23 keV (n,n') Level  
Legendre Coefficients

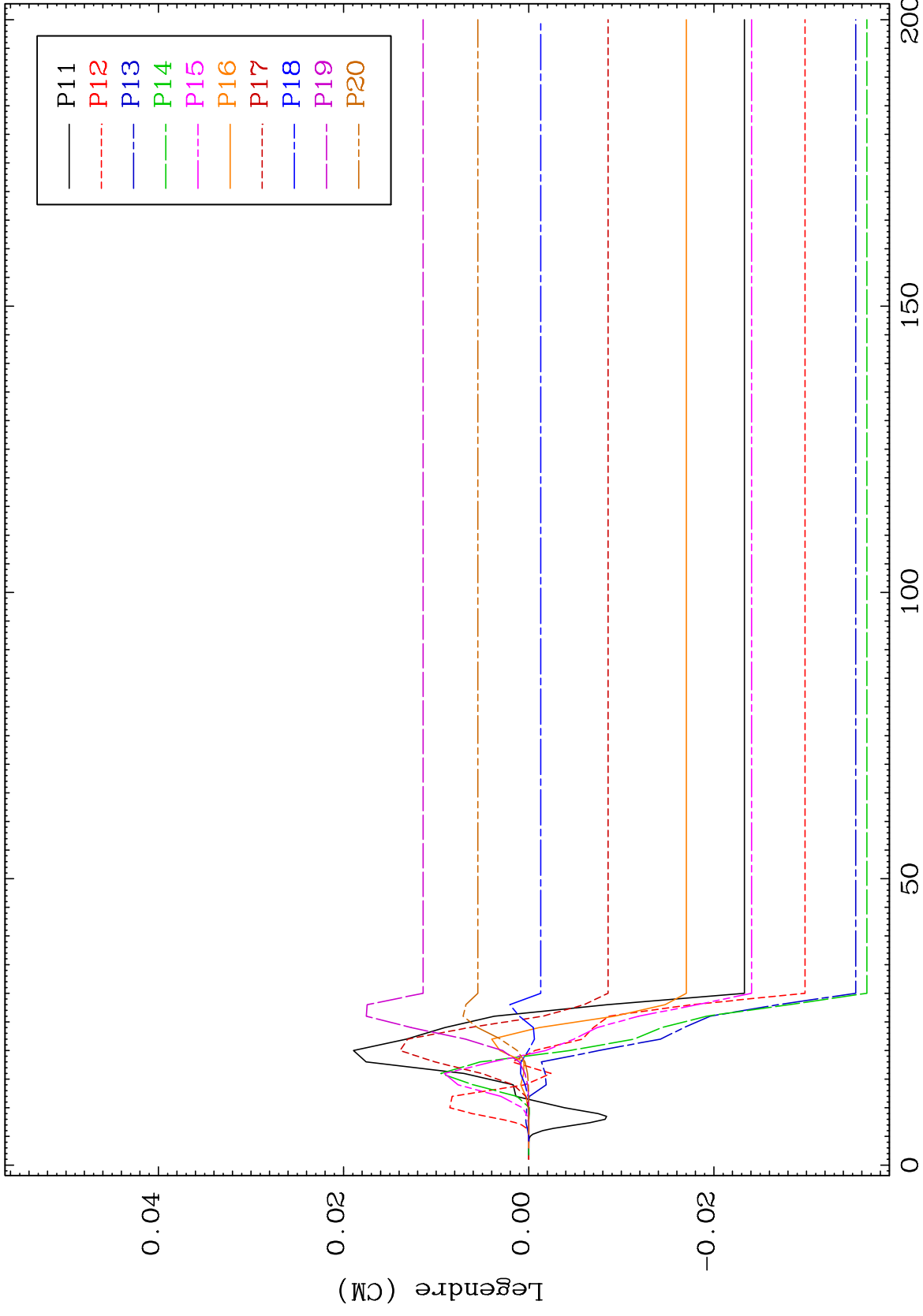
79-Au-193



MAT 7913

38.23 keV (n,n') Level  
Legendre Coefficients

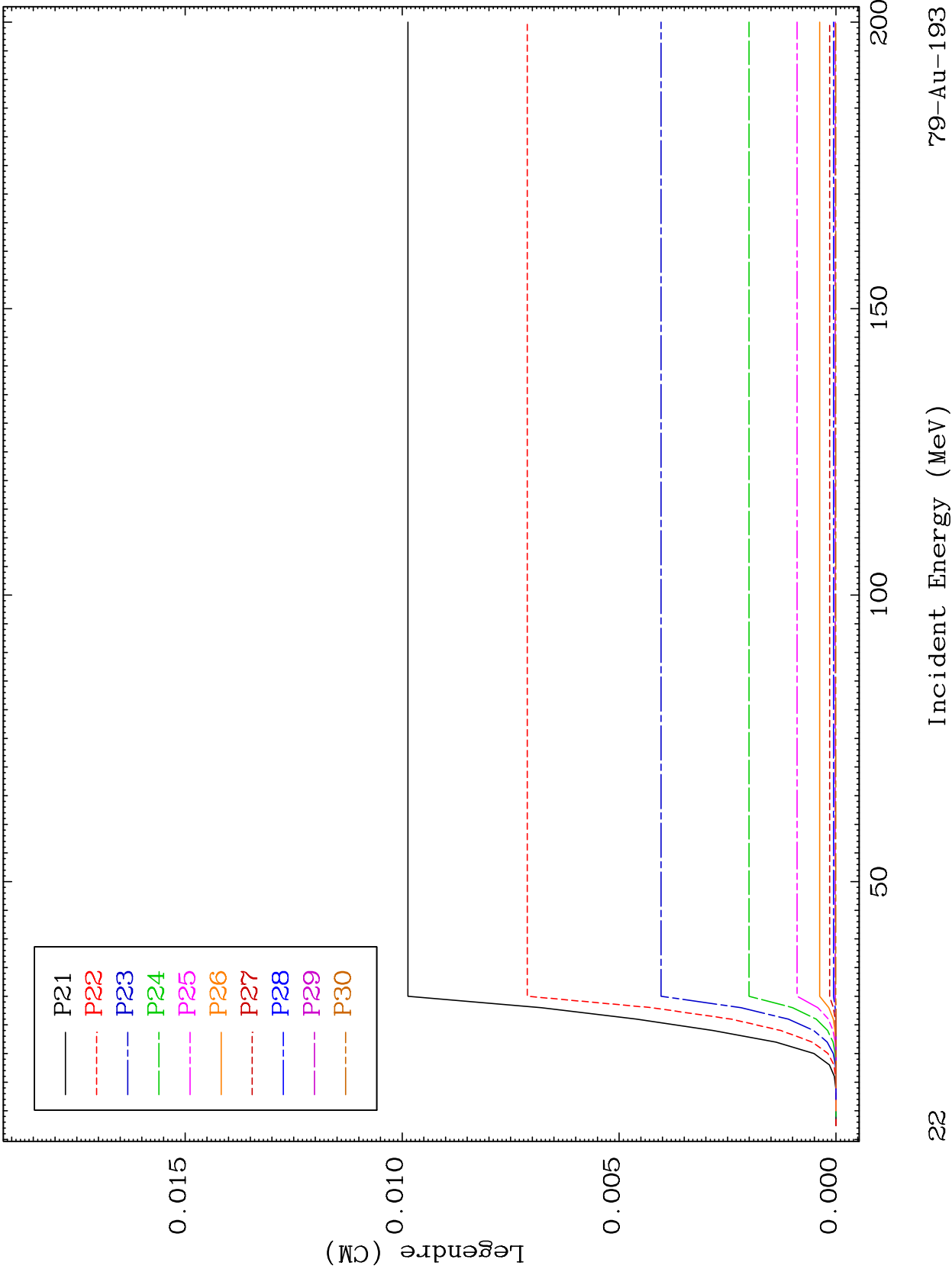
79-Au-193



21

Incident Energy (MeV)

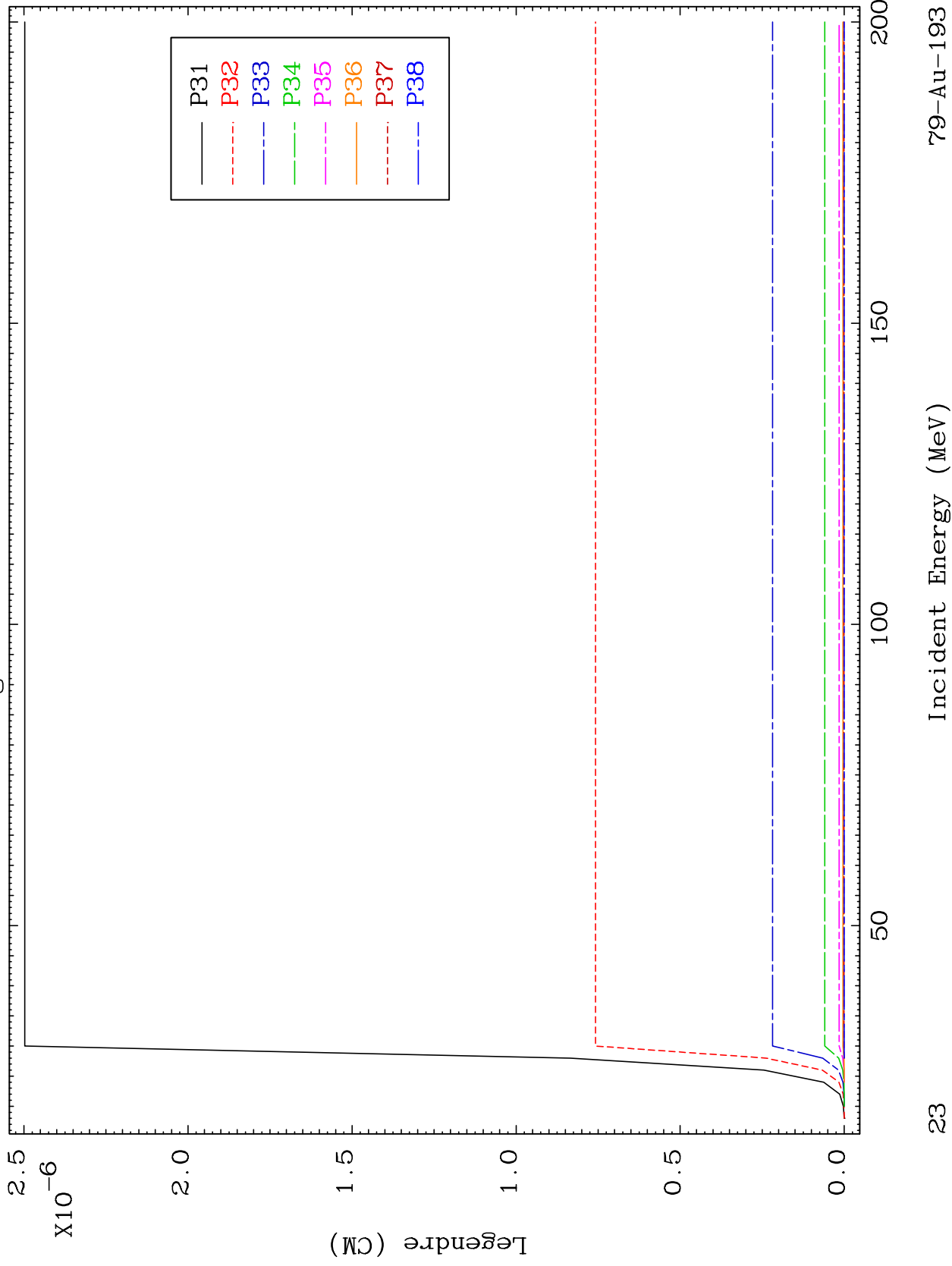
79-Au-193



MAT 7913

38.23 keV (n,n') Level  
Legendre Coefficients

79-Au-193

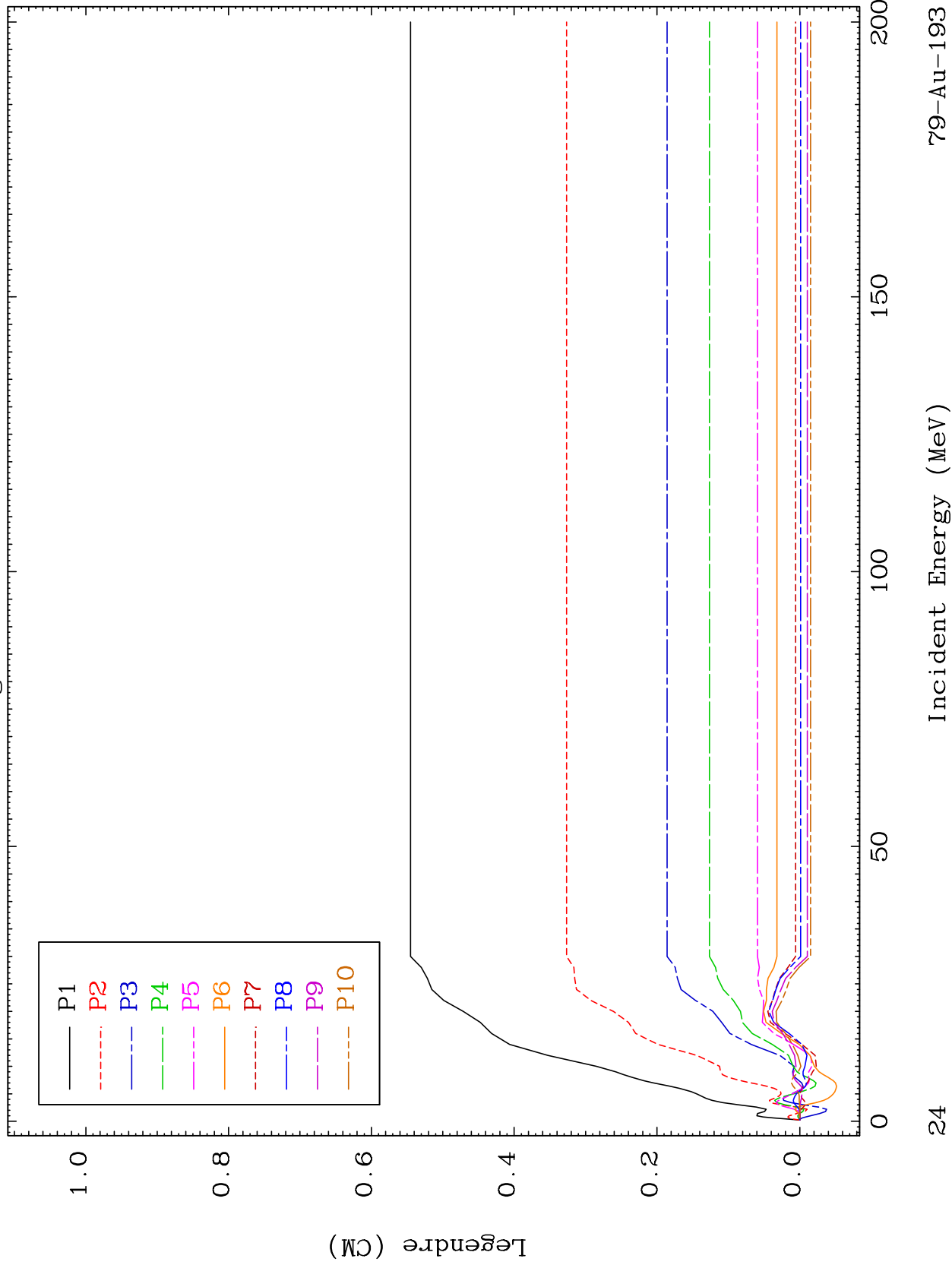




MAT 7913

224.8 keV (n, n') Level  
Legendre Coefficients

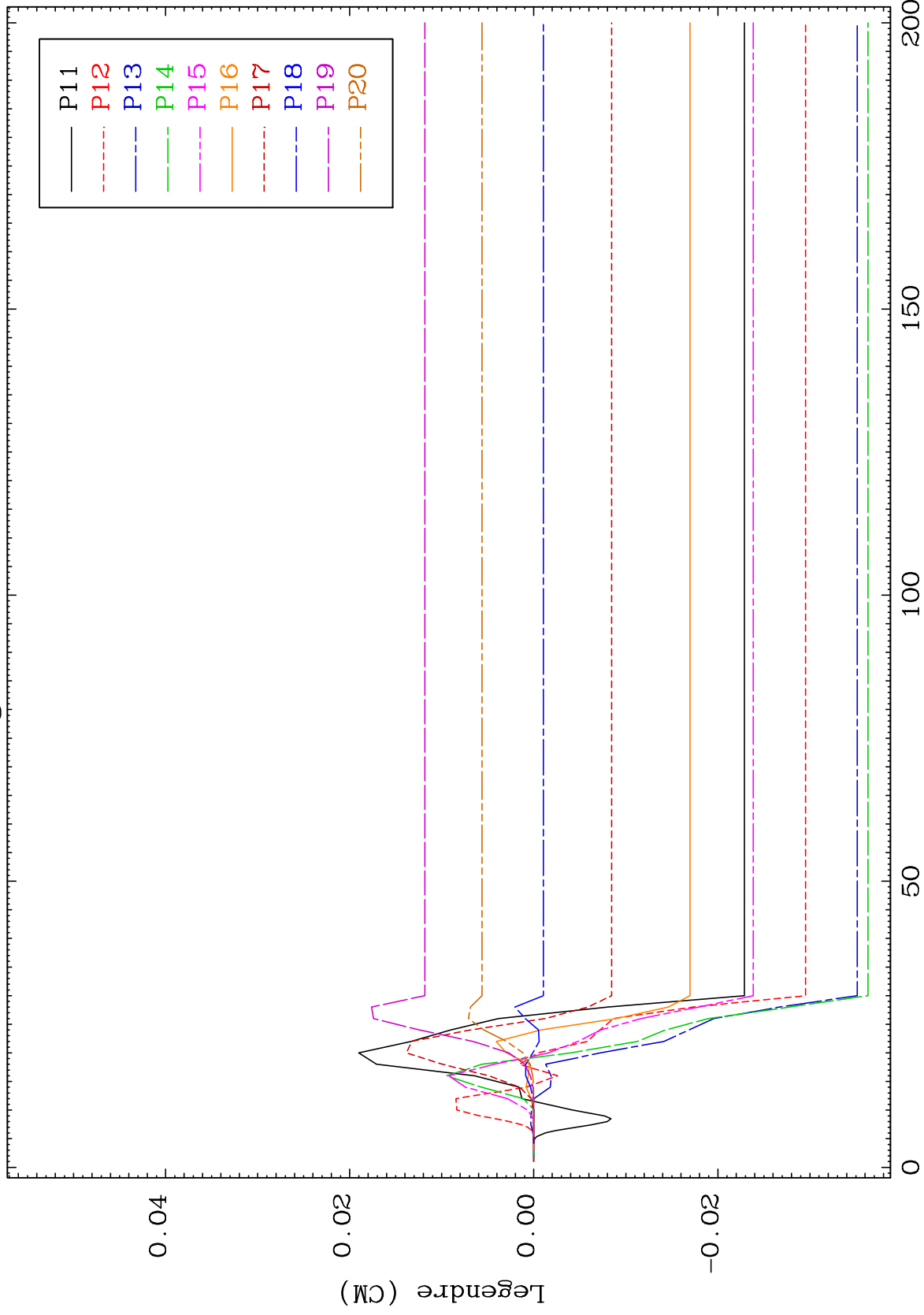
79-Au-193



MAT 7913

224.8 keV (n,n') Level  
Legendre Coefficients

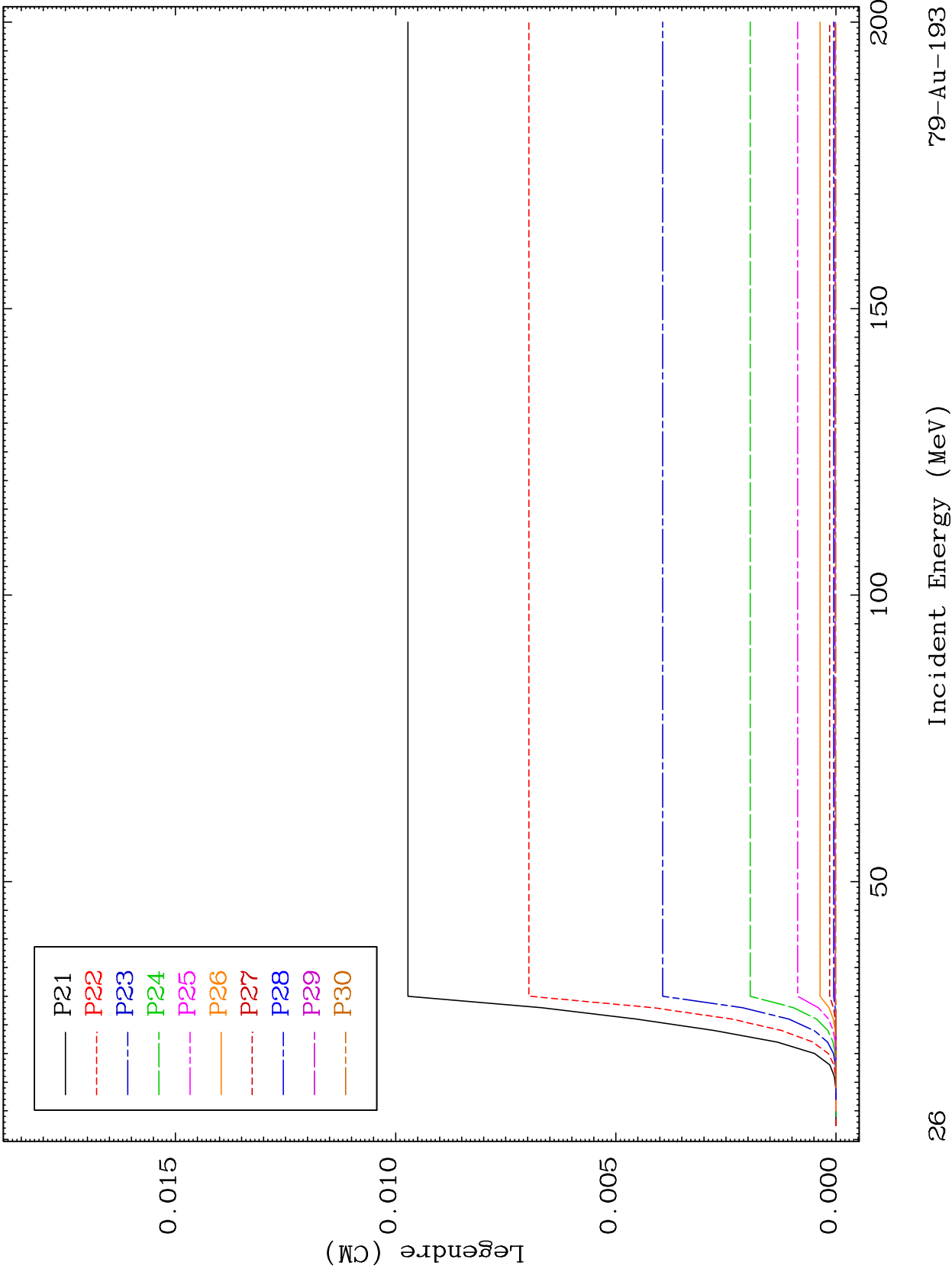
79-Au-193



25

Incident Energy (MeV)

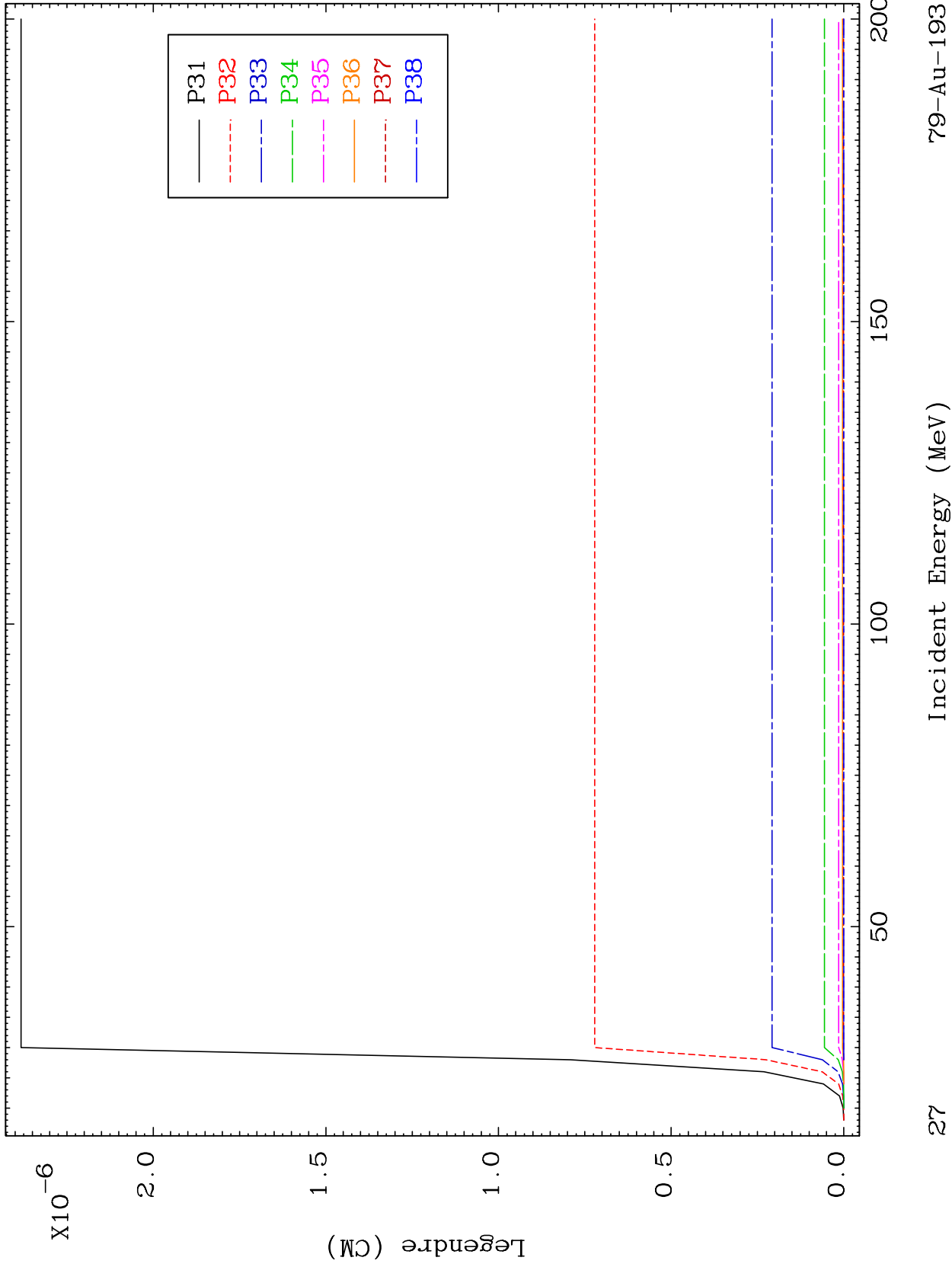
79-Au-193



MAT 7913

224.8 keV (n, n') Level  
Legendre Coefficients

79-Au-193



27

Incident Energy (MeV)

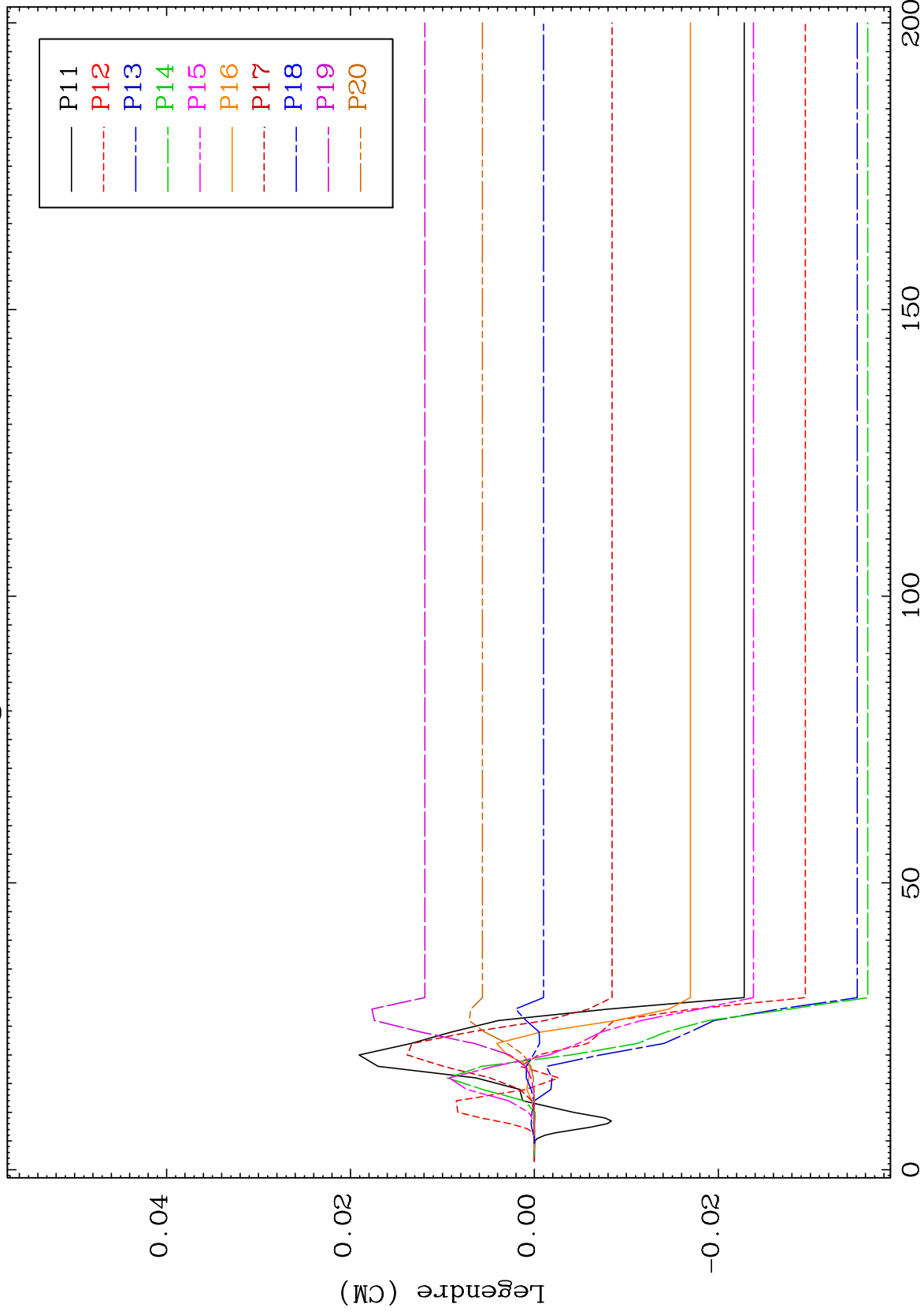
79-Au-193



MAT 7913

258.0 keV (n,n') Level  
Legendre Coefficients

79-Au-193



29

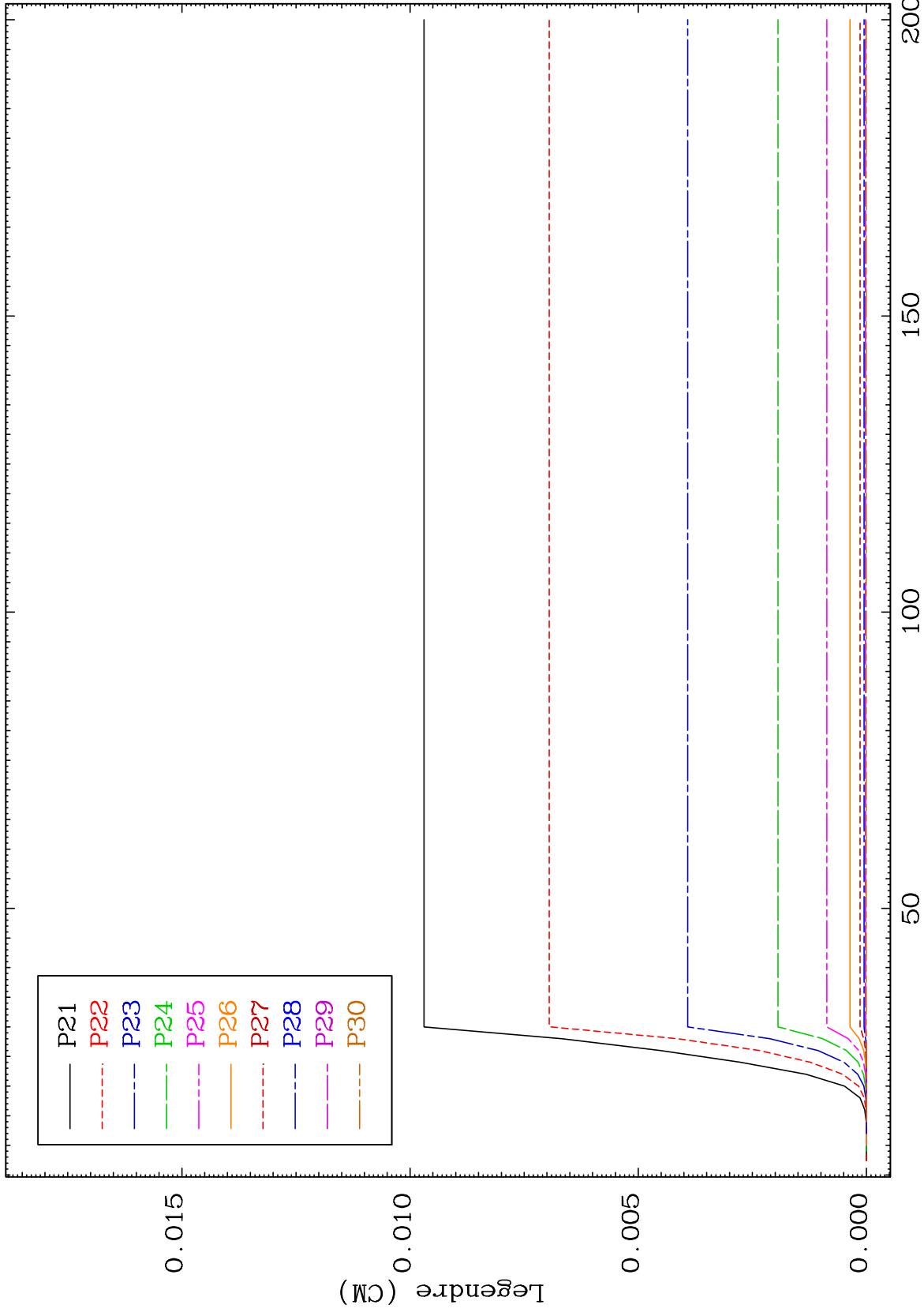
Incident Energy (MeV)

79-Au-193

MAT 7913

258.0 keV (n,n') Level  
Legendre Coefficients

79-Au-193



30

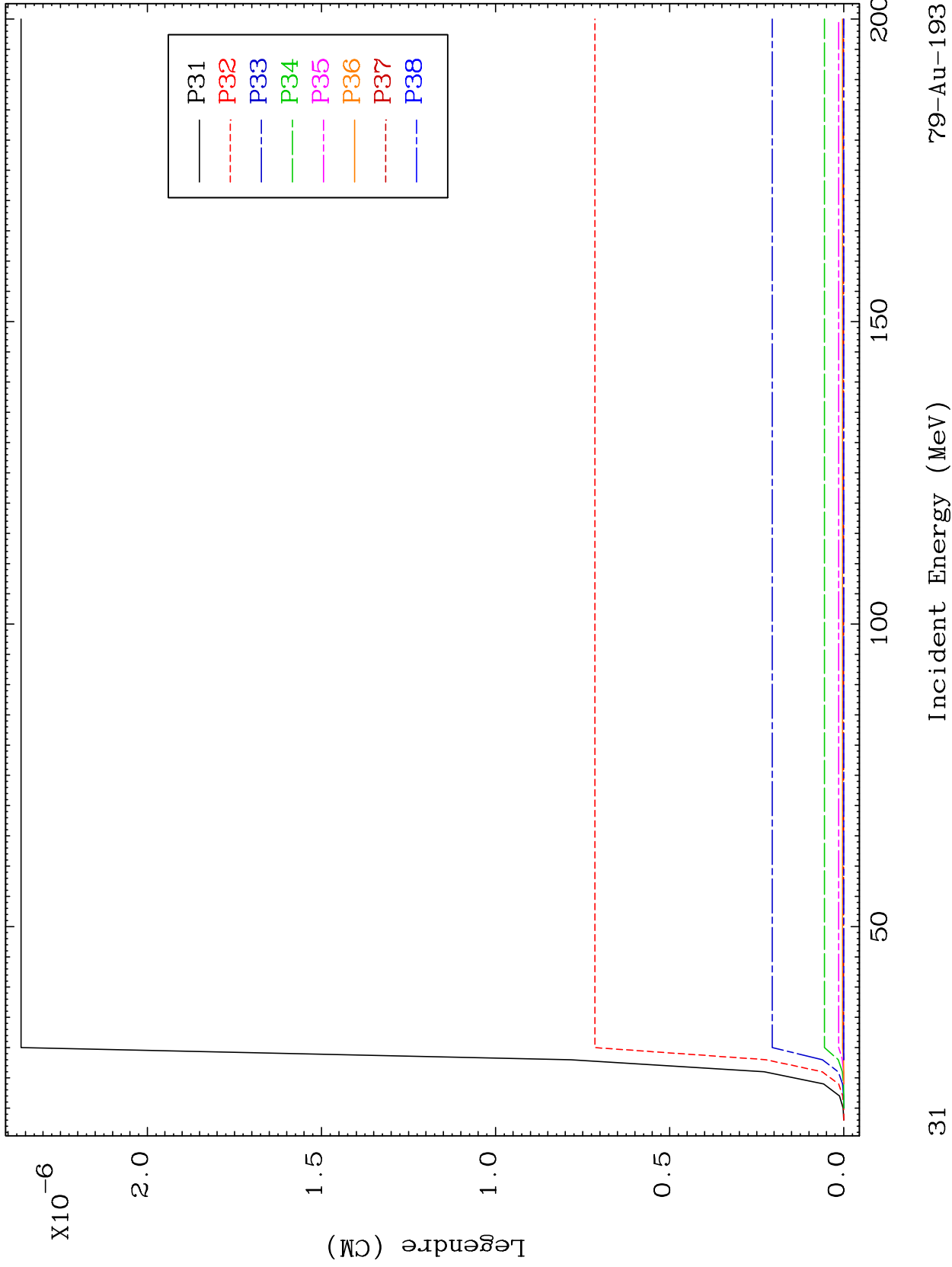
Incident Energy (MeV)

79-Au-193

MAT 7913

258.0 keV (n,n') Level  
Legendre Coefficients

79-Au-193



31

Incident Energy (MeV)

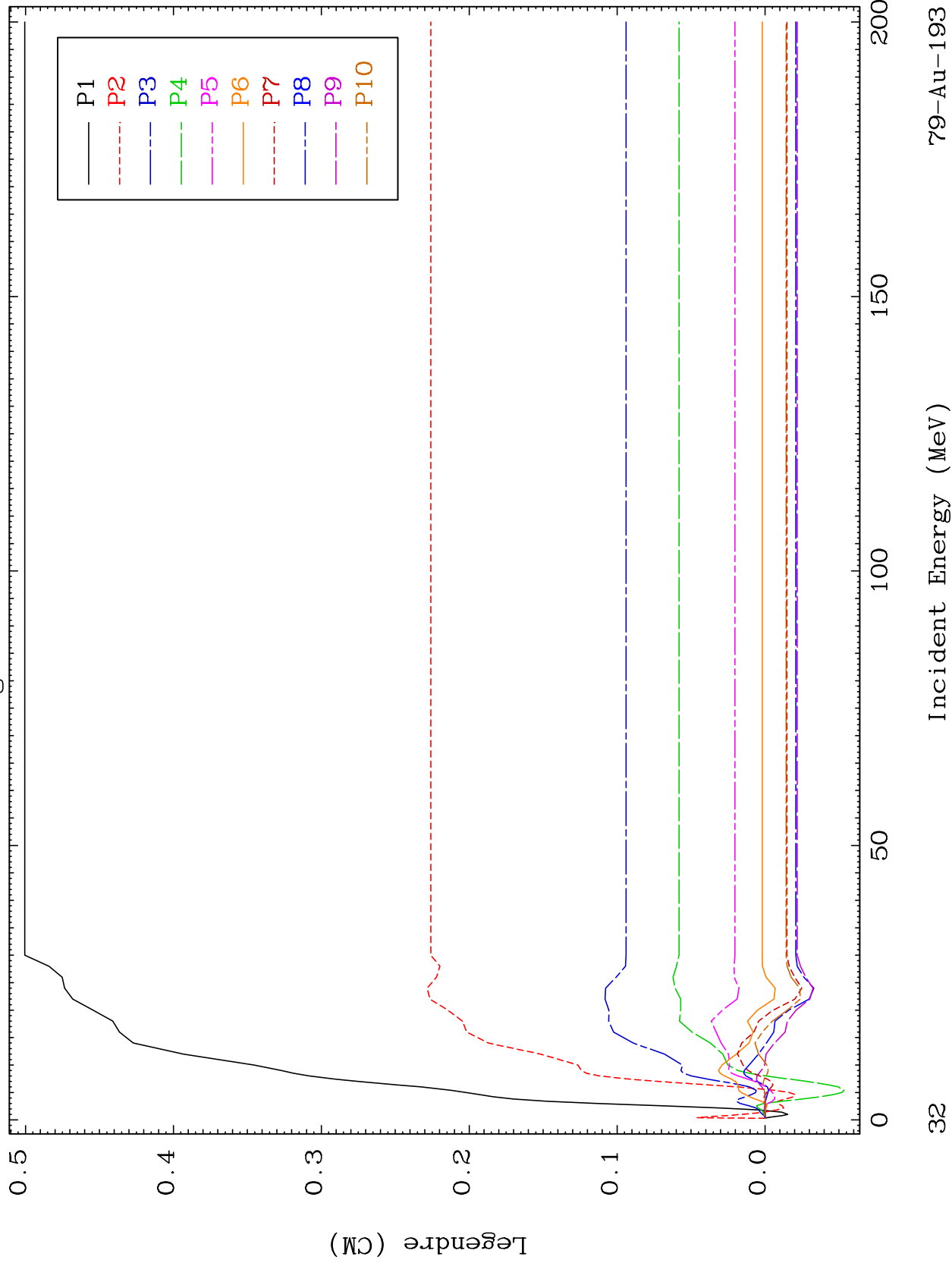
79-Au-193

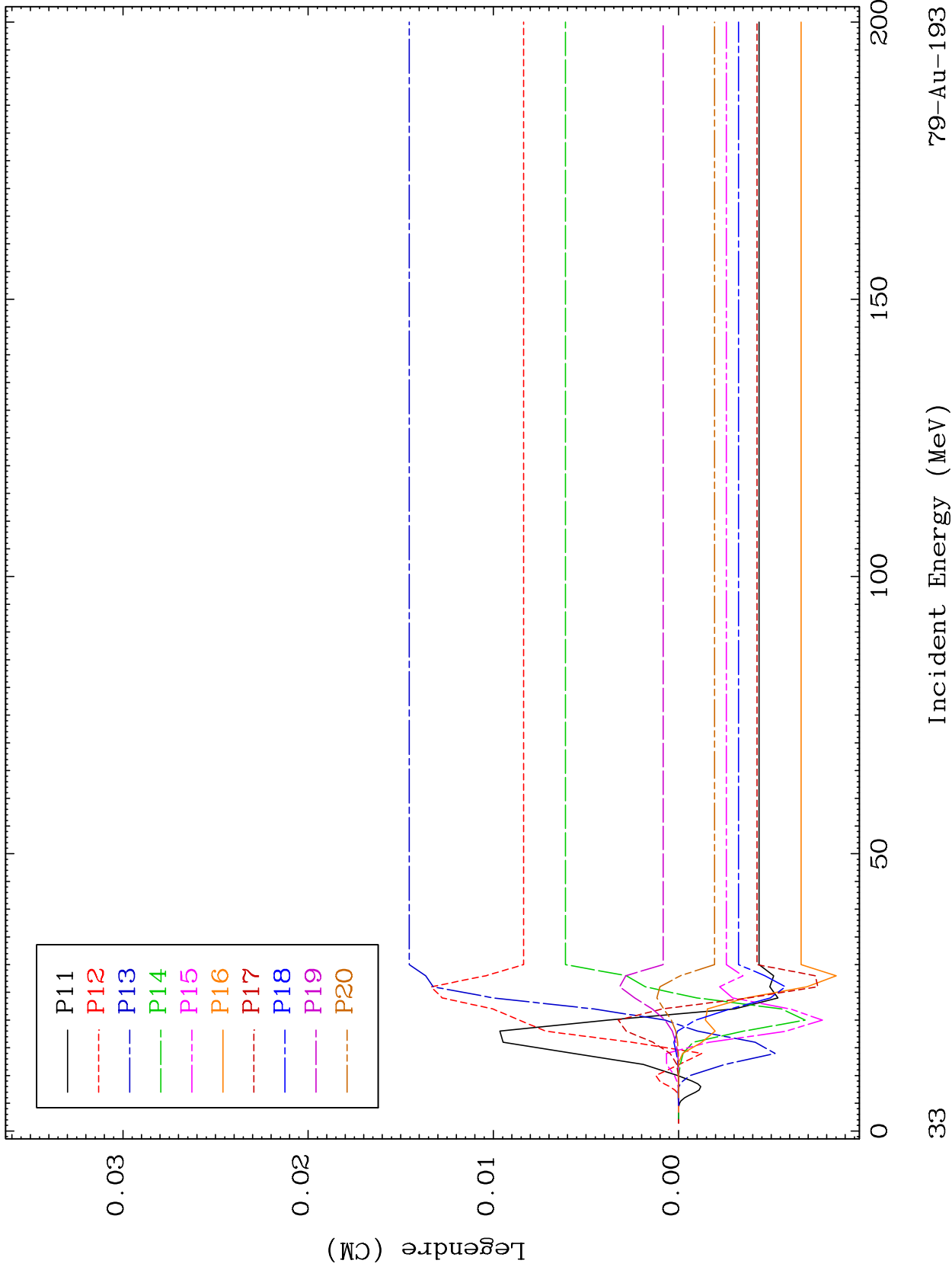


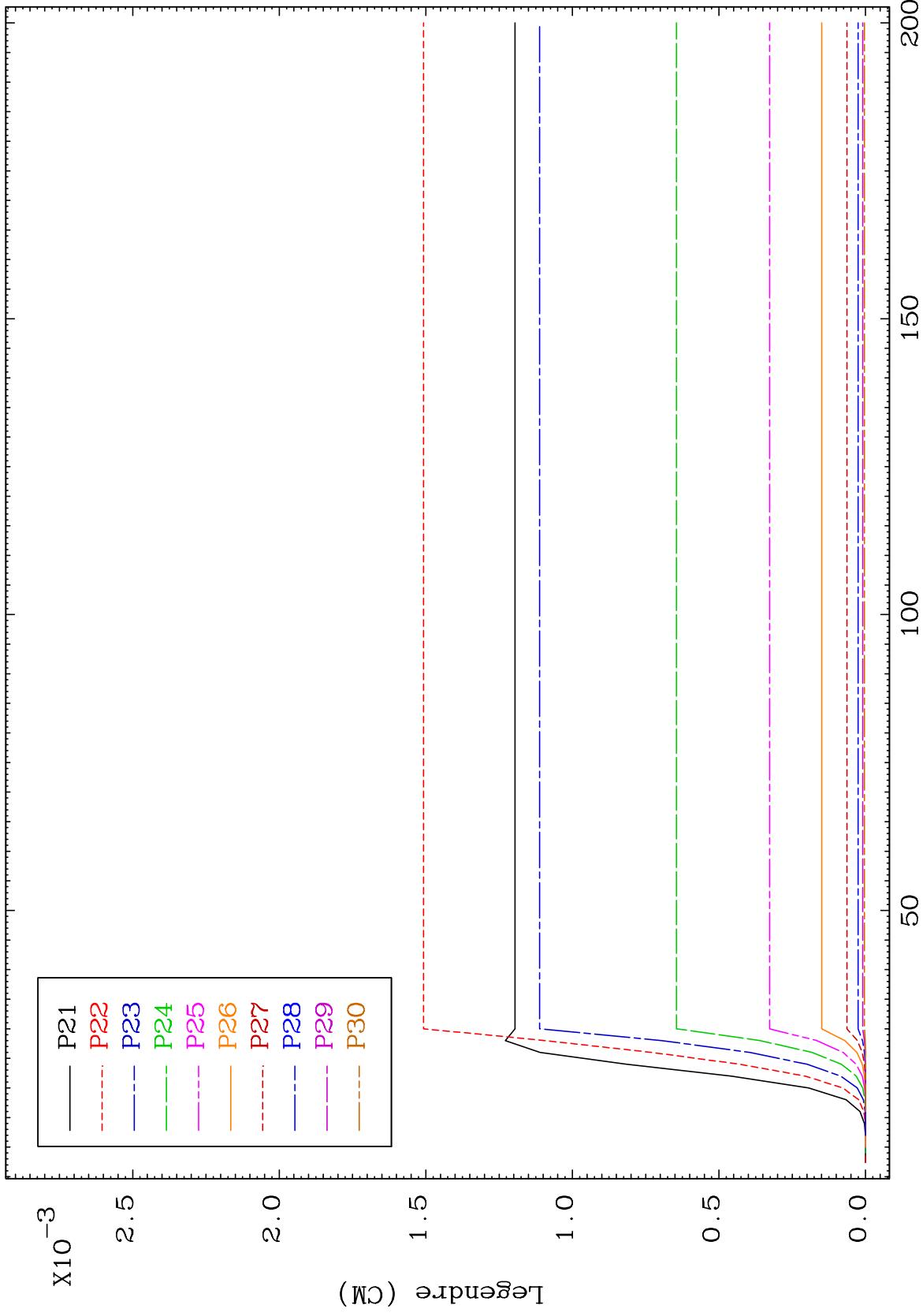
MAT 7913

290.2 keV (n,n') Level  
Legendre Coefficients

79-Au-193



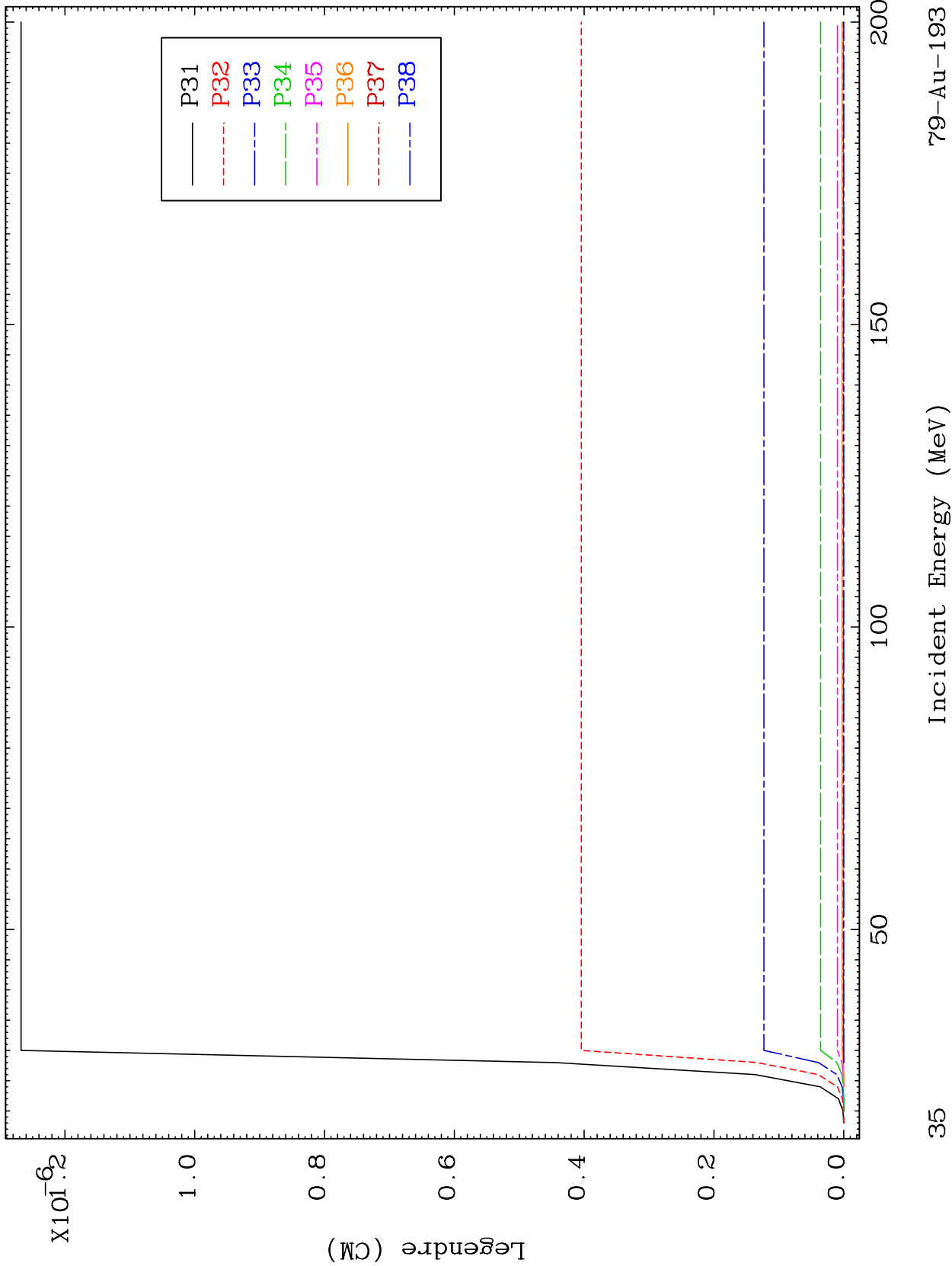




MAT 7913

290.2 keV (n,n') Level  
Legendre Coefficients

79-Au-193



35

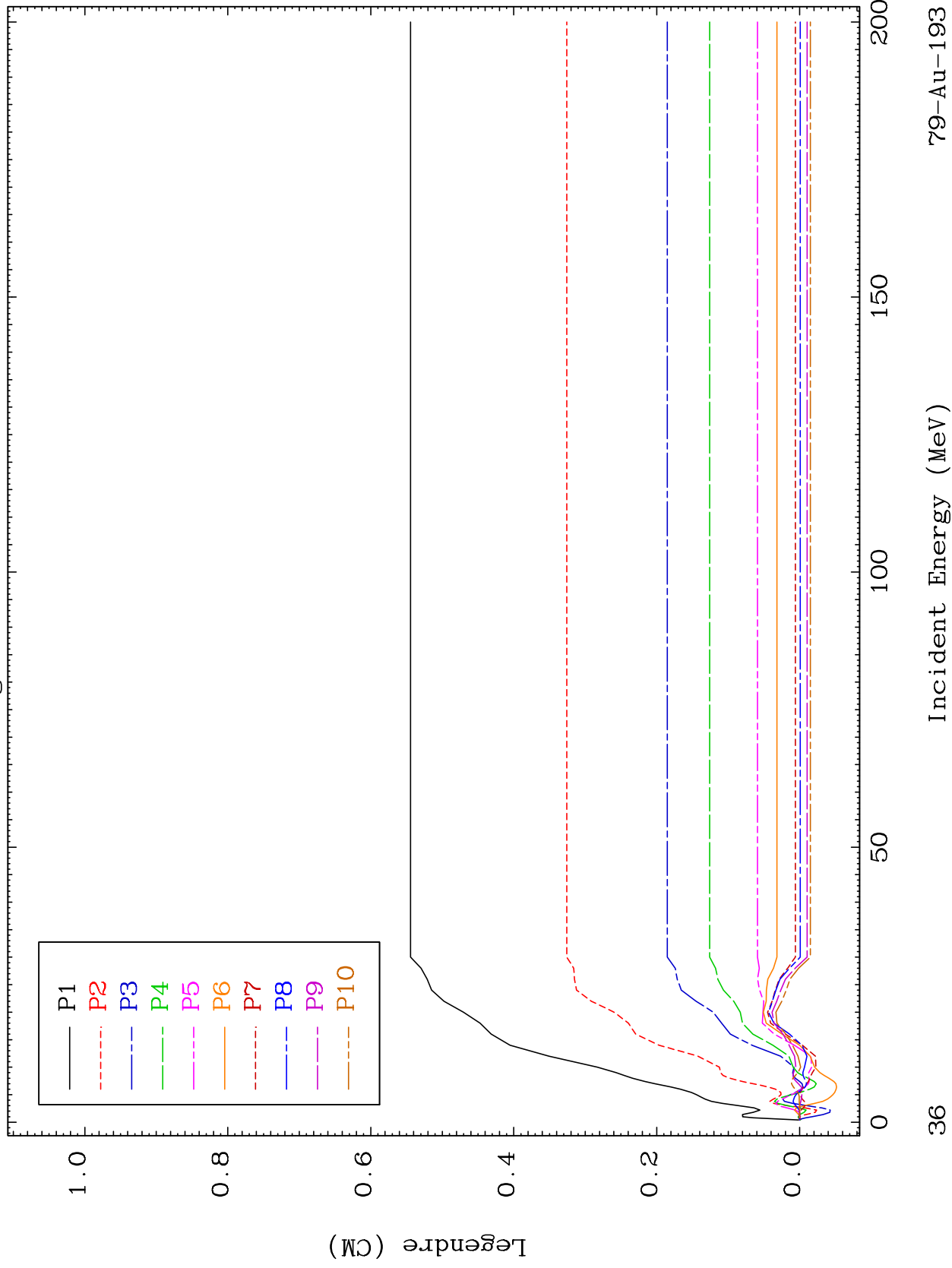
Incident Energy (MeV)

79-Au-193

MAT 7913

381.6 keV (n,n') Level  
Legendre Coefficients

79-Au-193



79-Au-193

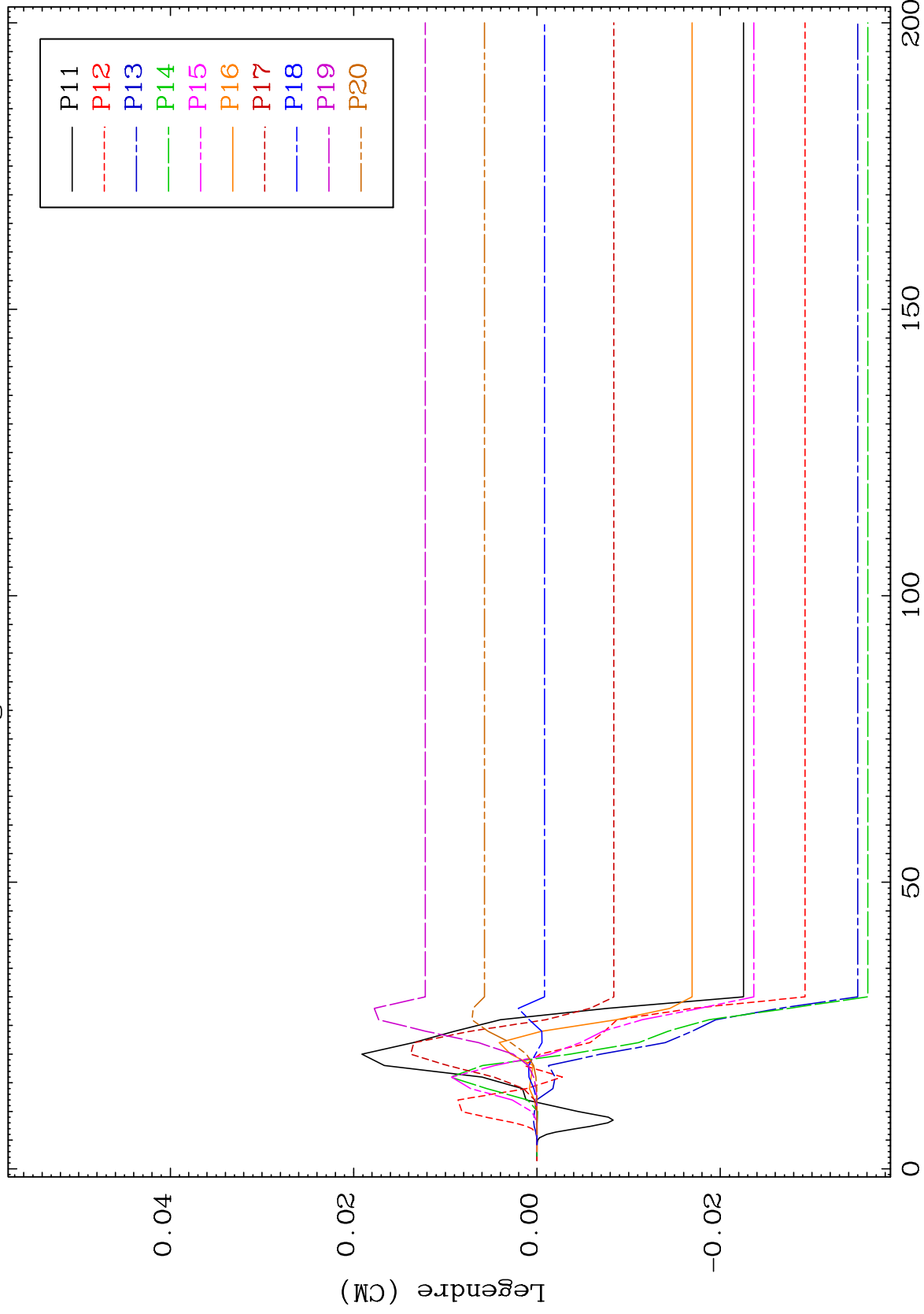
Incident Energy (MeV)

36

MAT 7913

381.6 keV (n,n') Level  
Legendre Coefficients

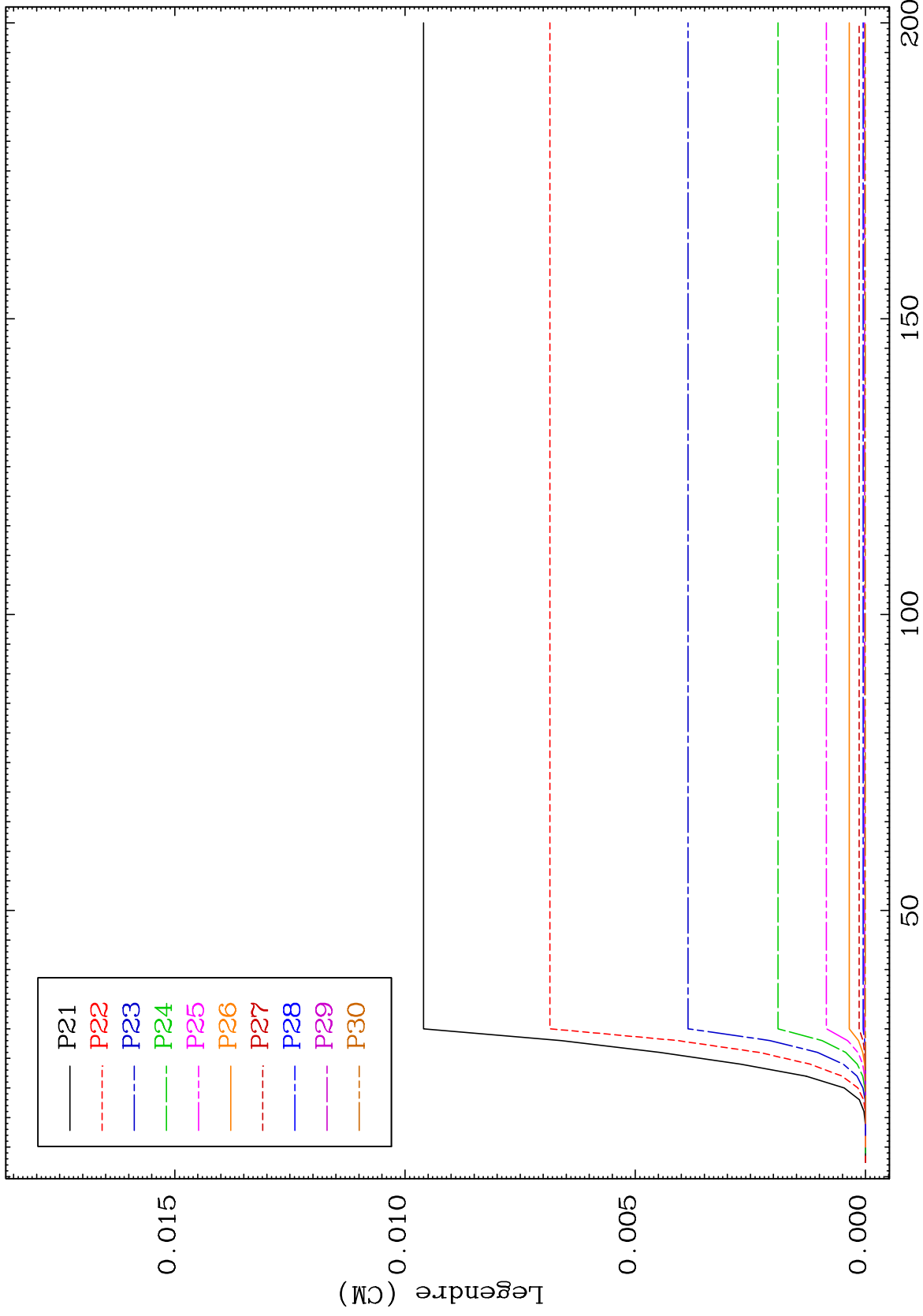
79-Au-193



37

Incident Energy (MeV)

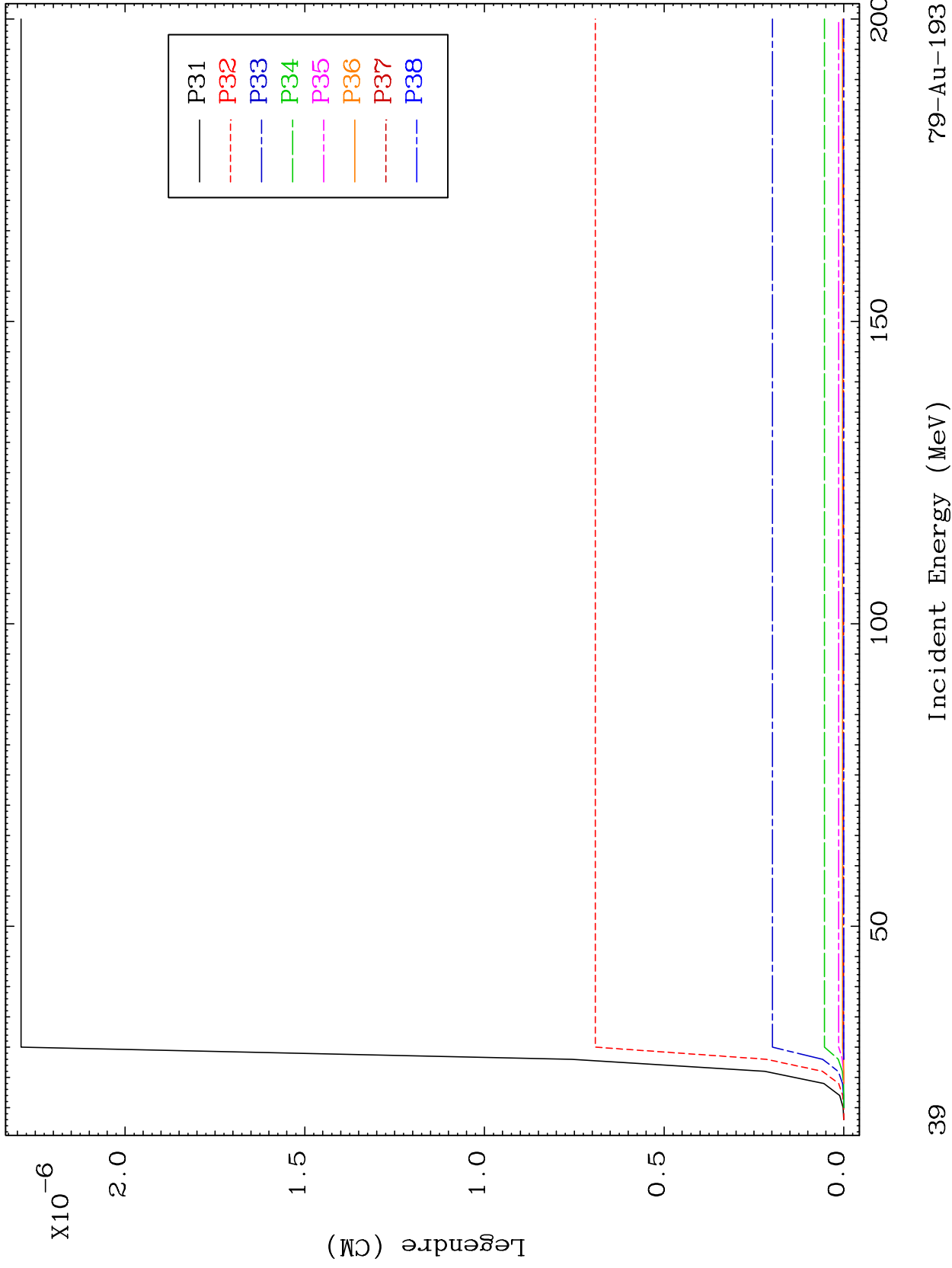
79-Au-193



MAT 7913

381.6 keV (n,n') Level  
Legendre Coefficients

79-Au-193

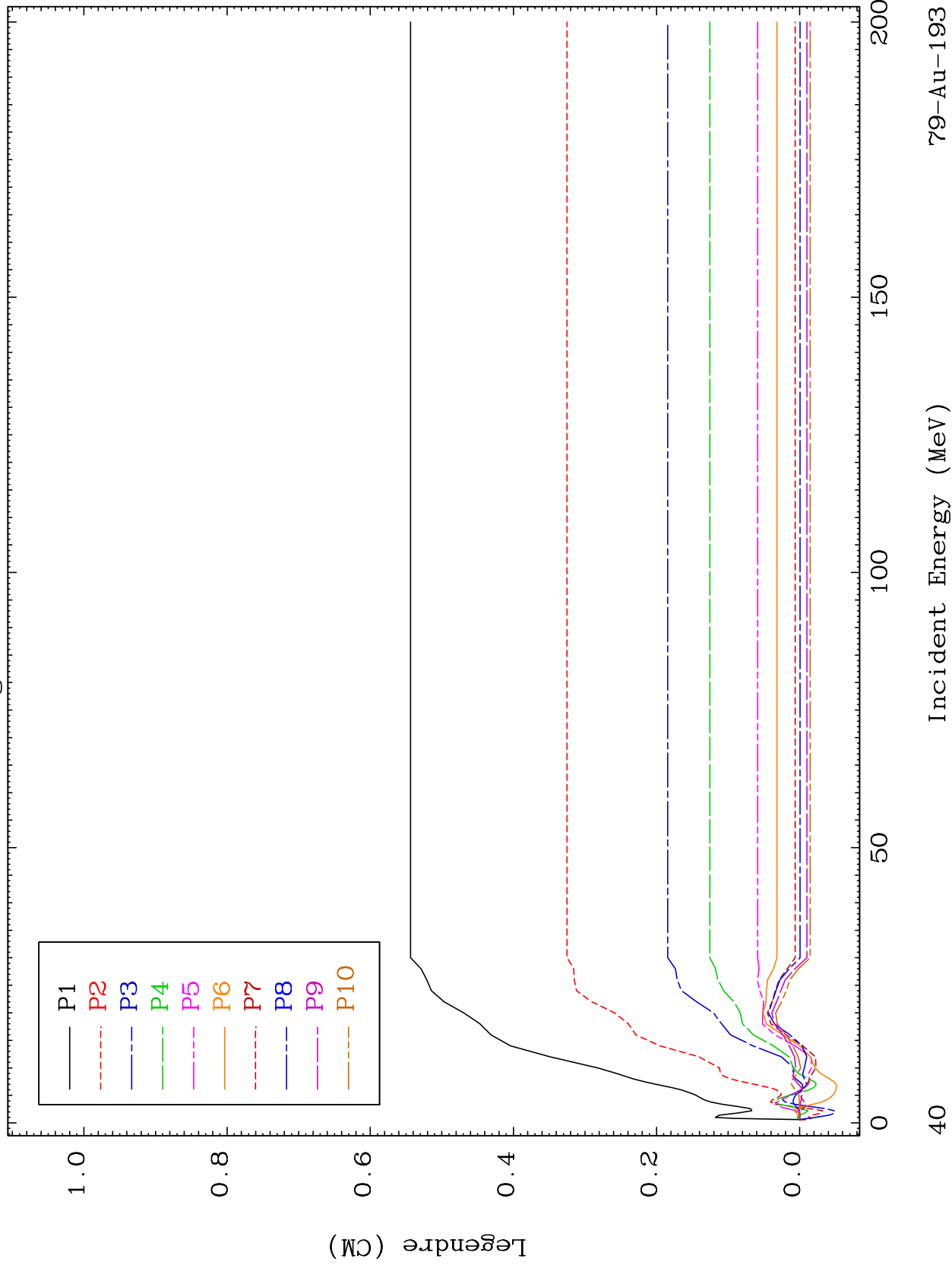




MAT 7913

508.2 keV (n, n') Level  
Legendre Coefficients

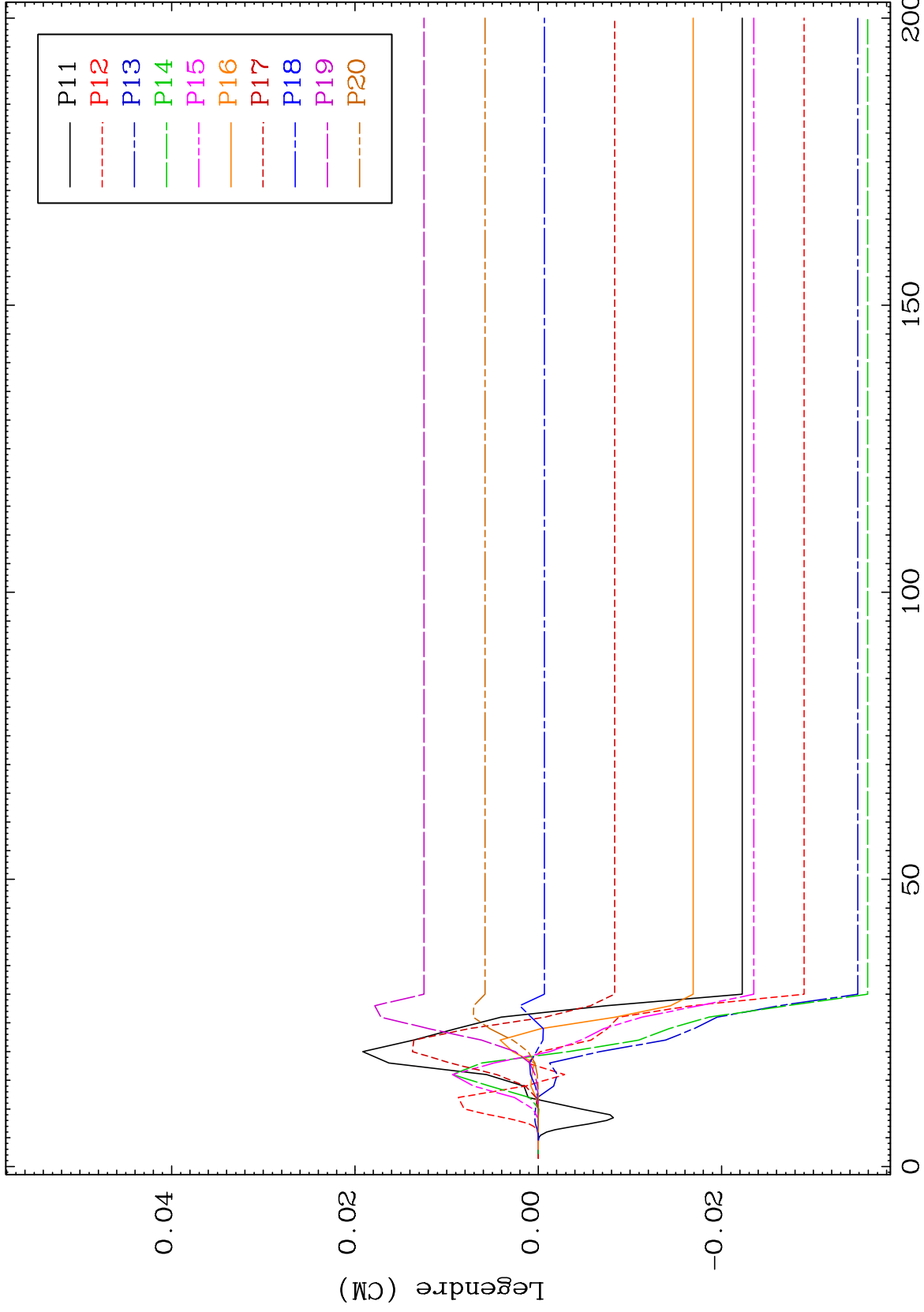
79-Au-193

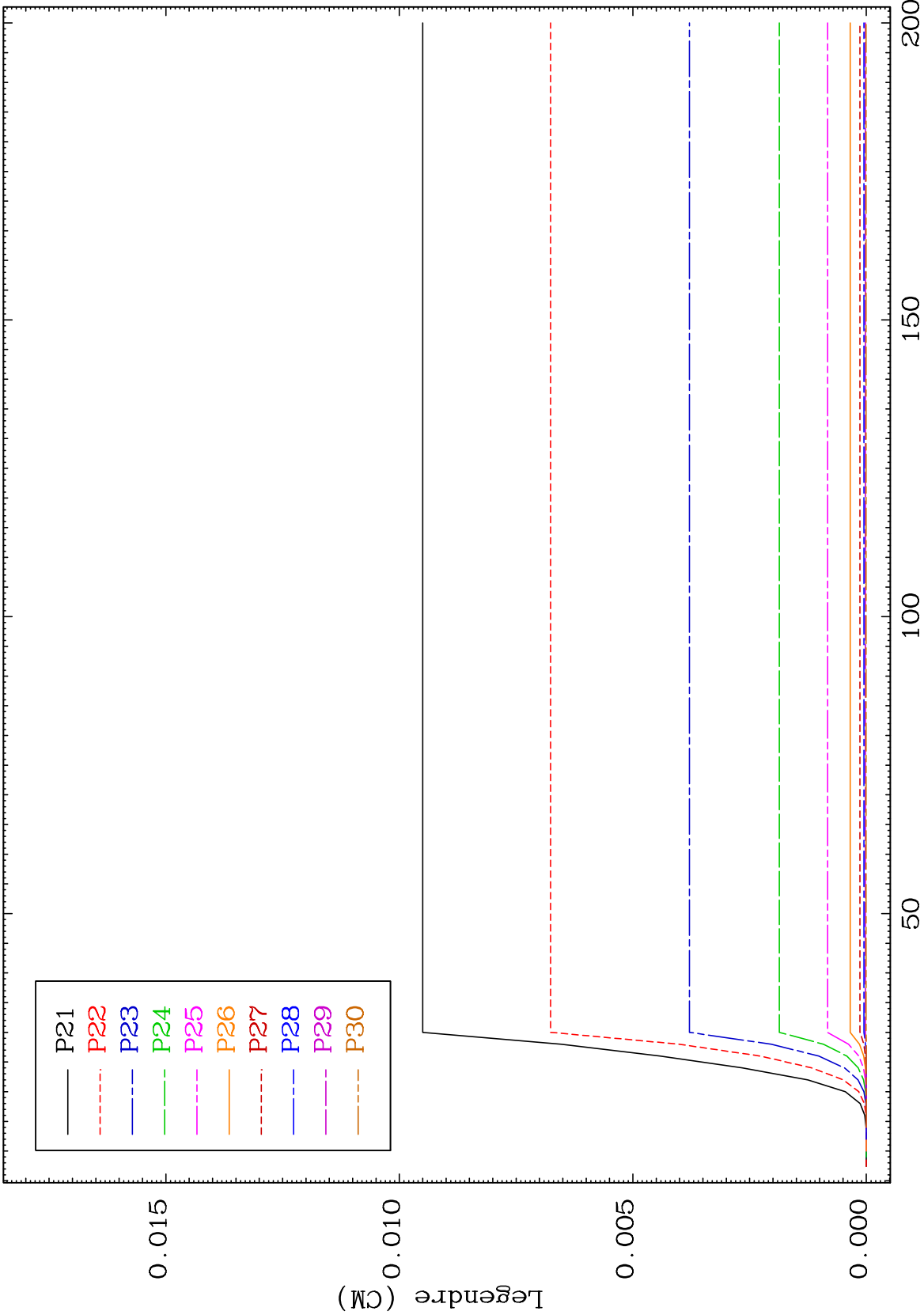


79-Au-193

Incident Energy (MeV)

40

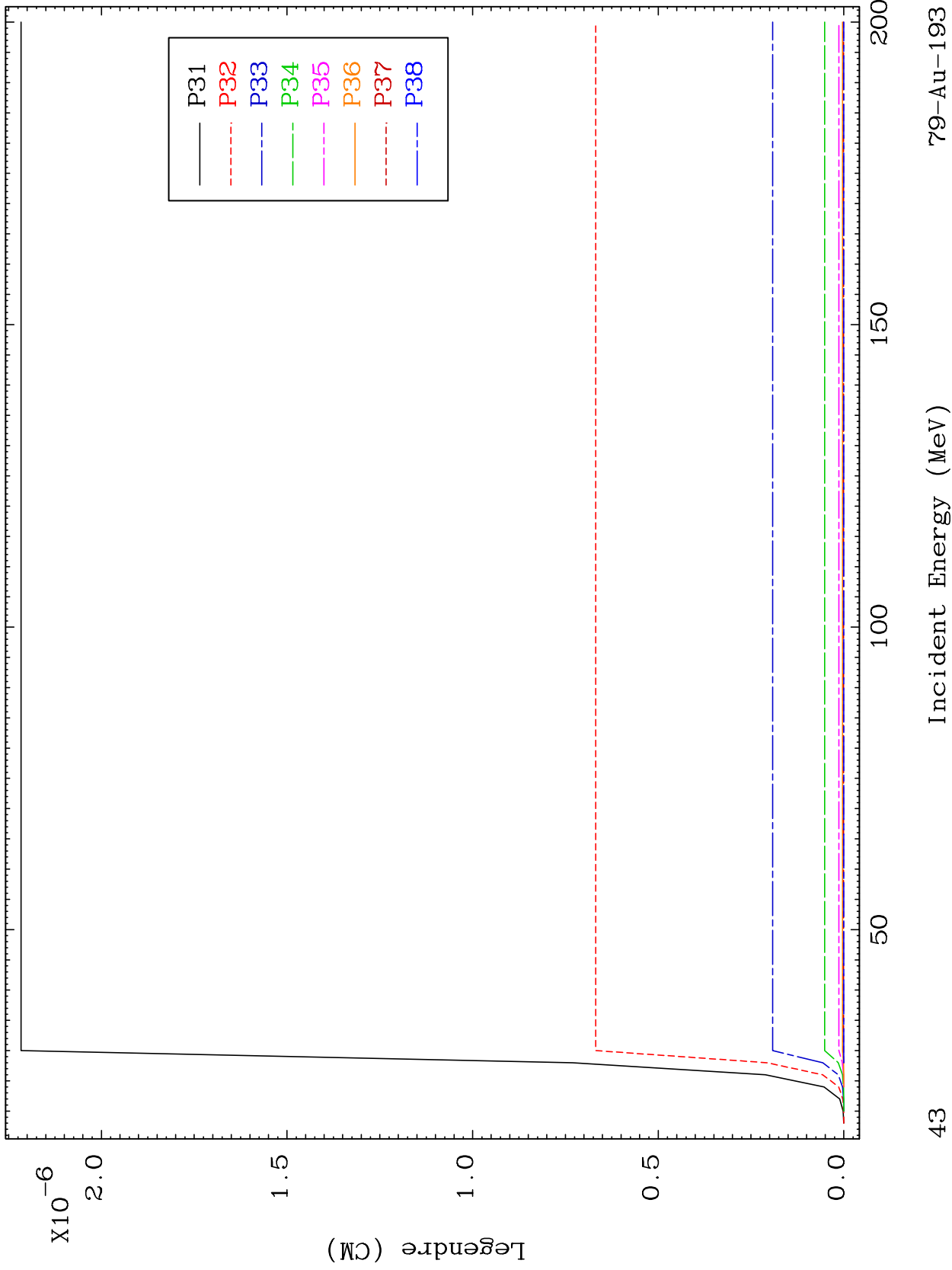




MAT 7913

508.2 keV (n,n') Level  
Legendre Coefficients

79-Au-193



43

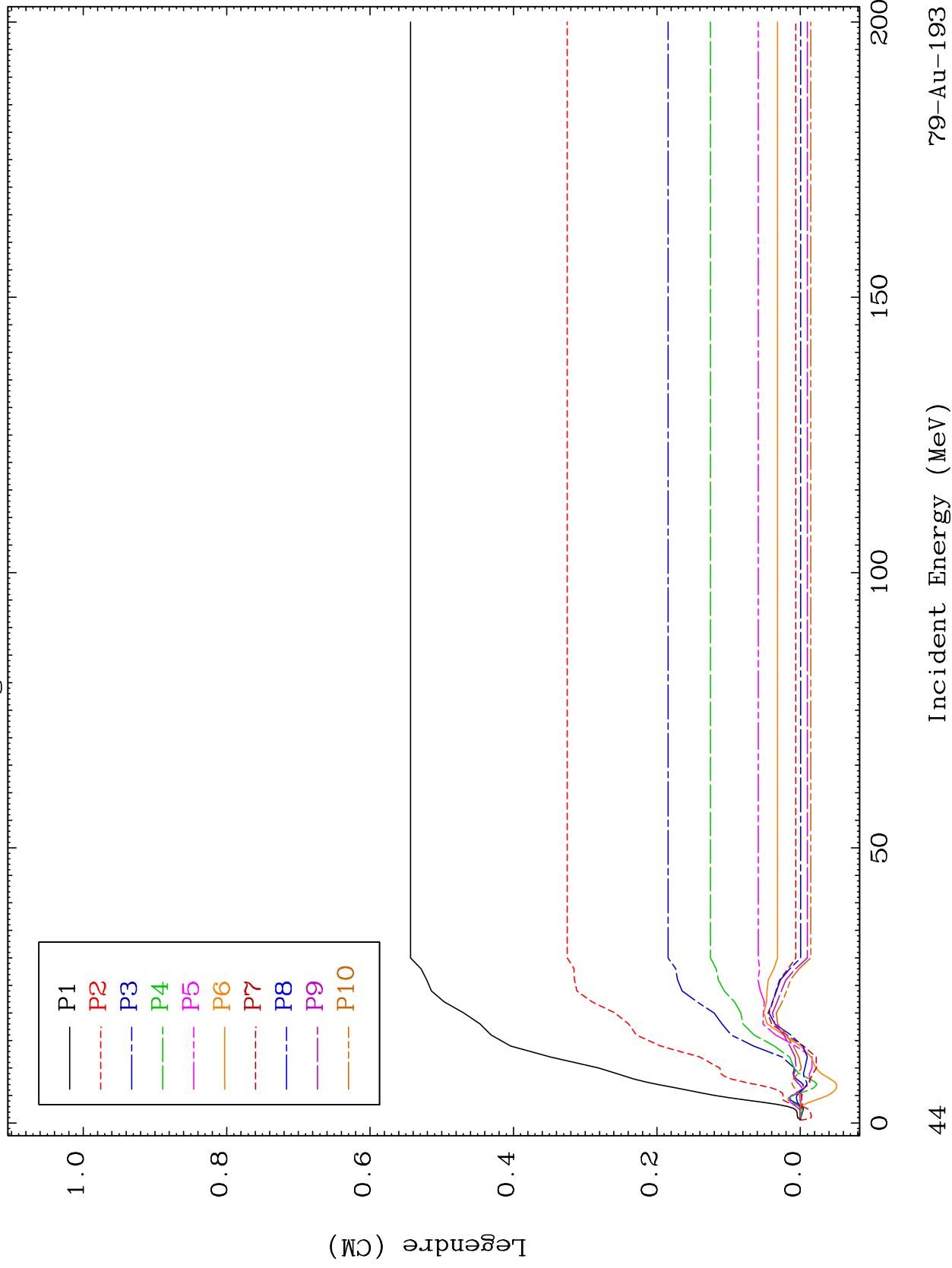
Incident Energy (MeV)

79-Au-193

MAT 7913

539.0 keV (n,n') Level  
Legendre Coefficients

79-Au-193

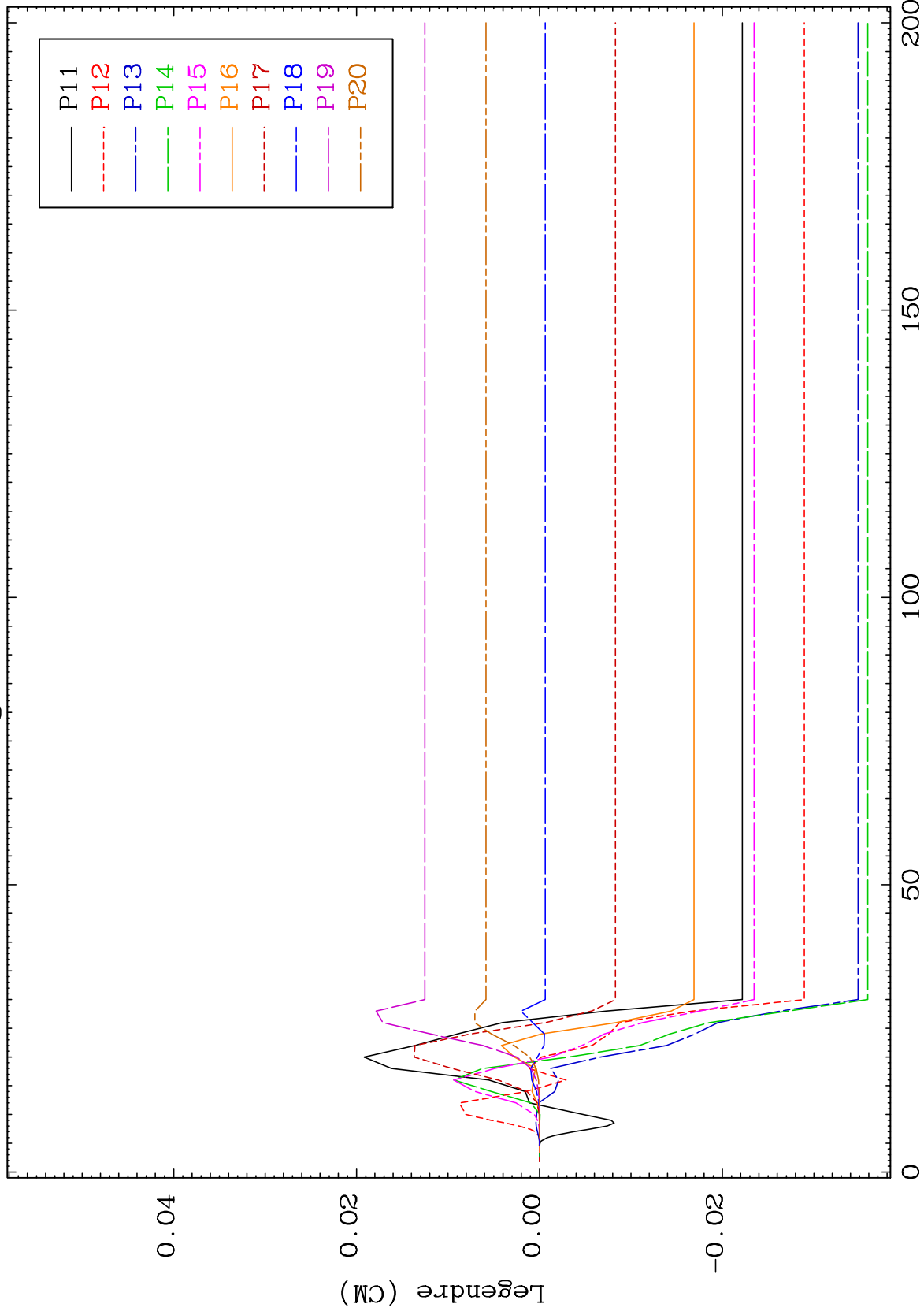


44

MAT 7913

539.0 keV (n,n') Level  
Legendre Coefficients

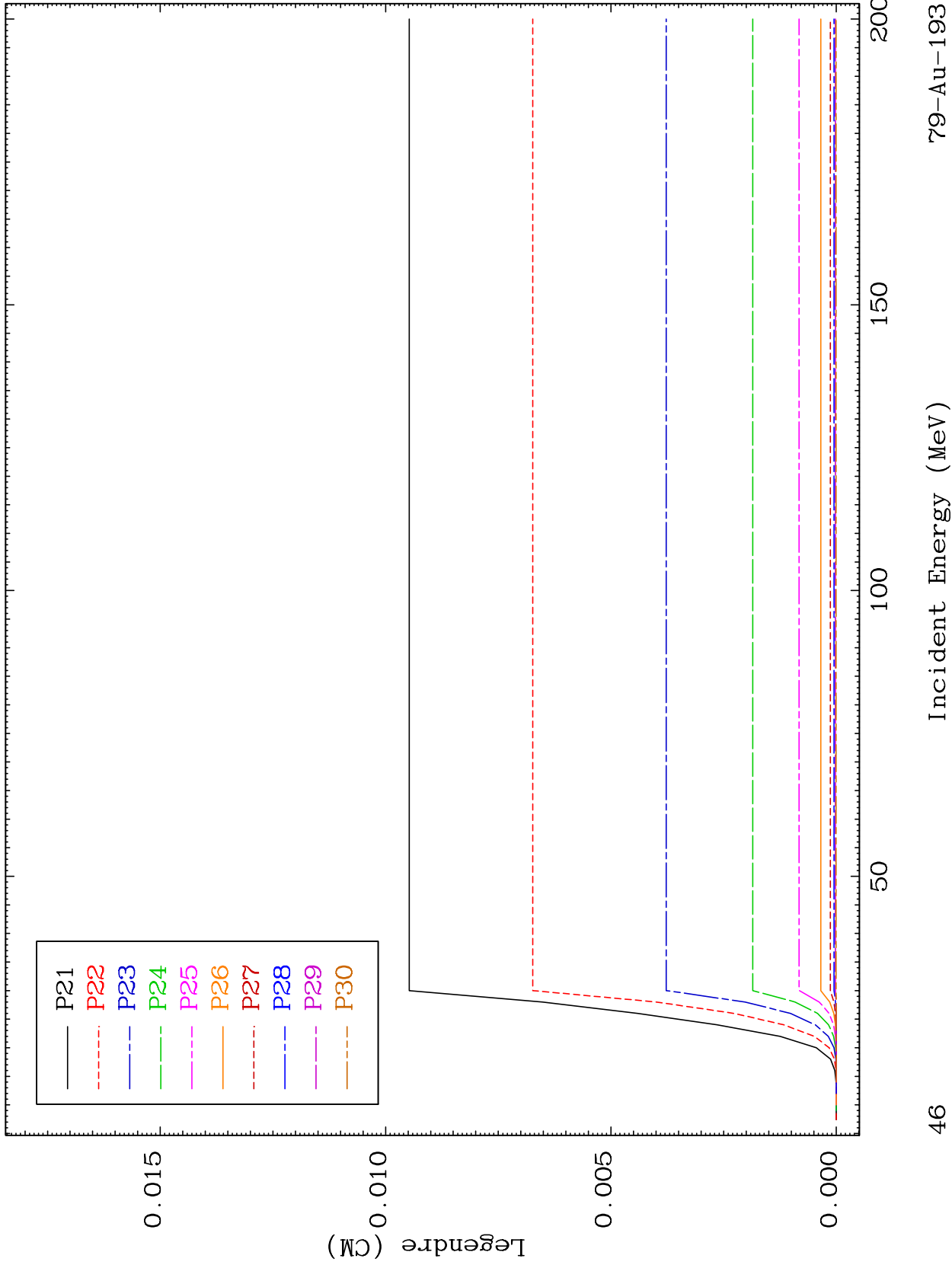
79-Au-193



45

Incident Energy (MeV)

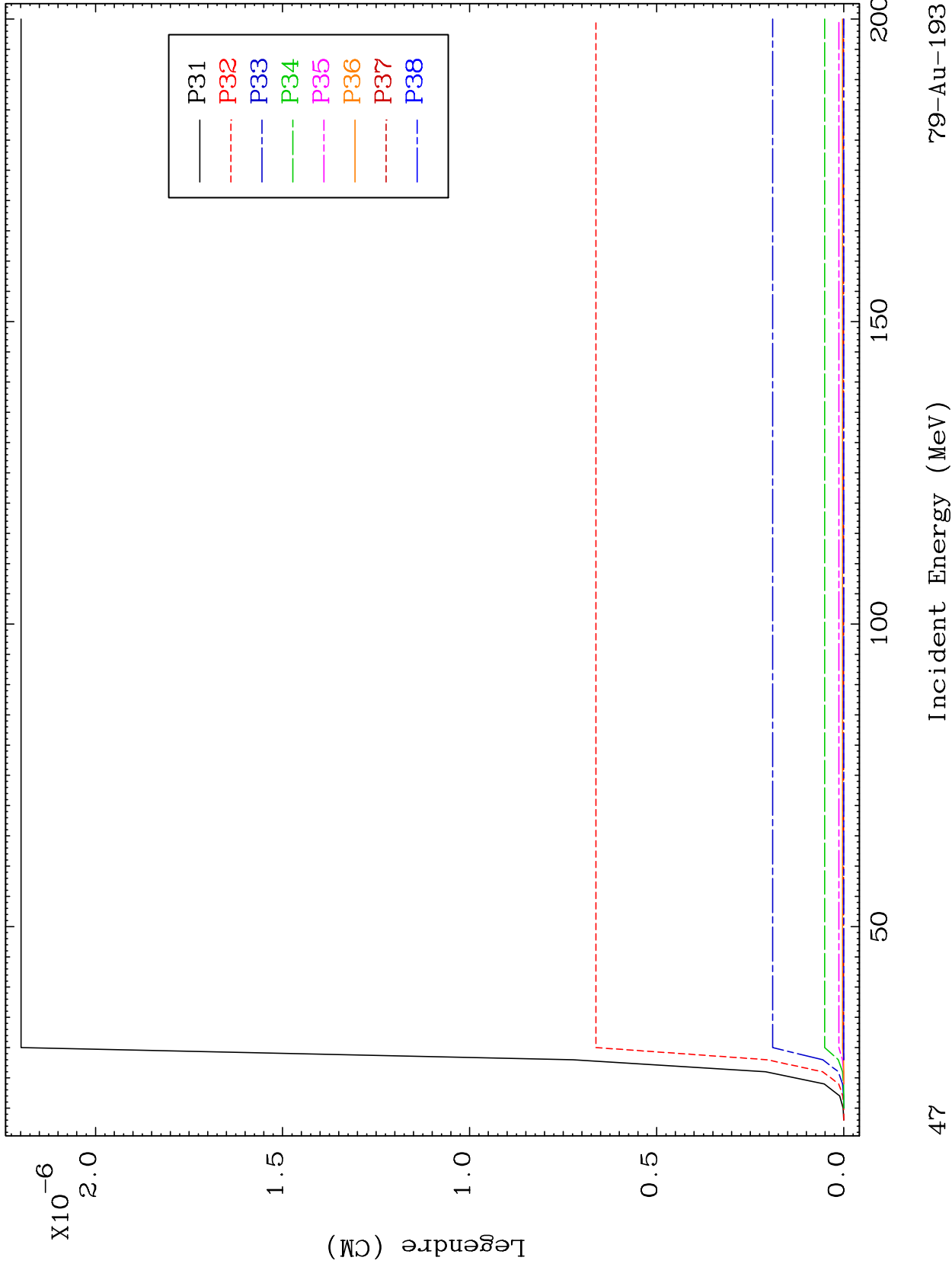
79-Au-193



MAT 7913

539.0 keV (n,n') Level  
Legendre Coefficients

79-Au-193

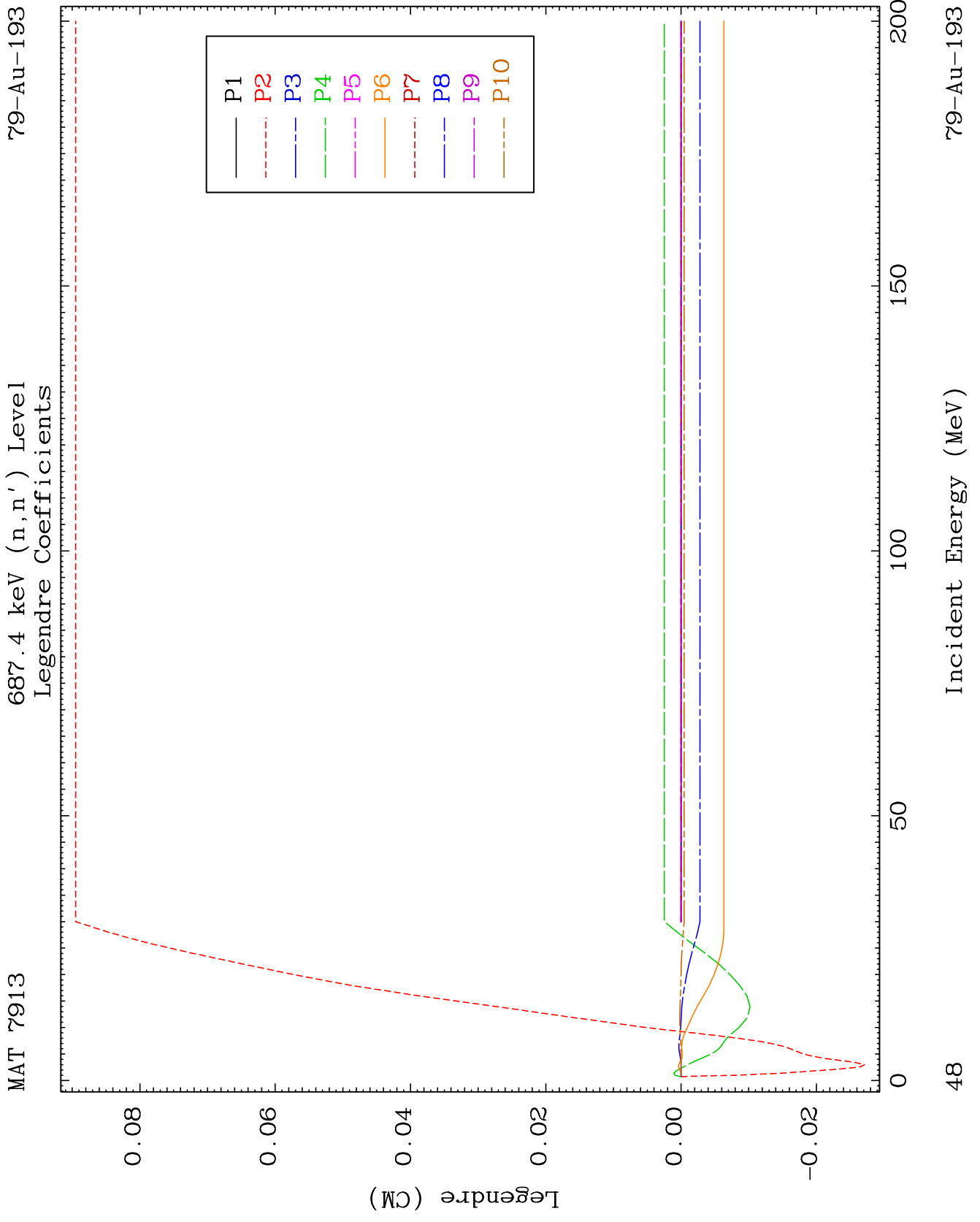


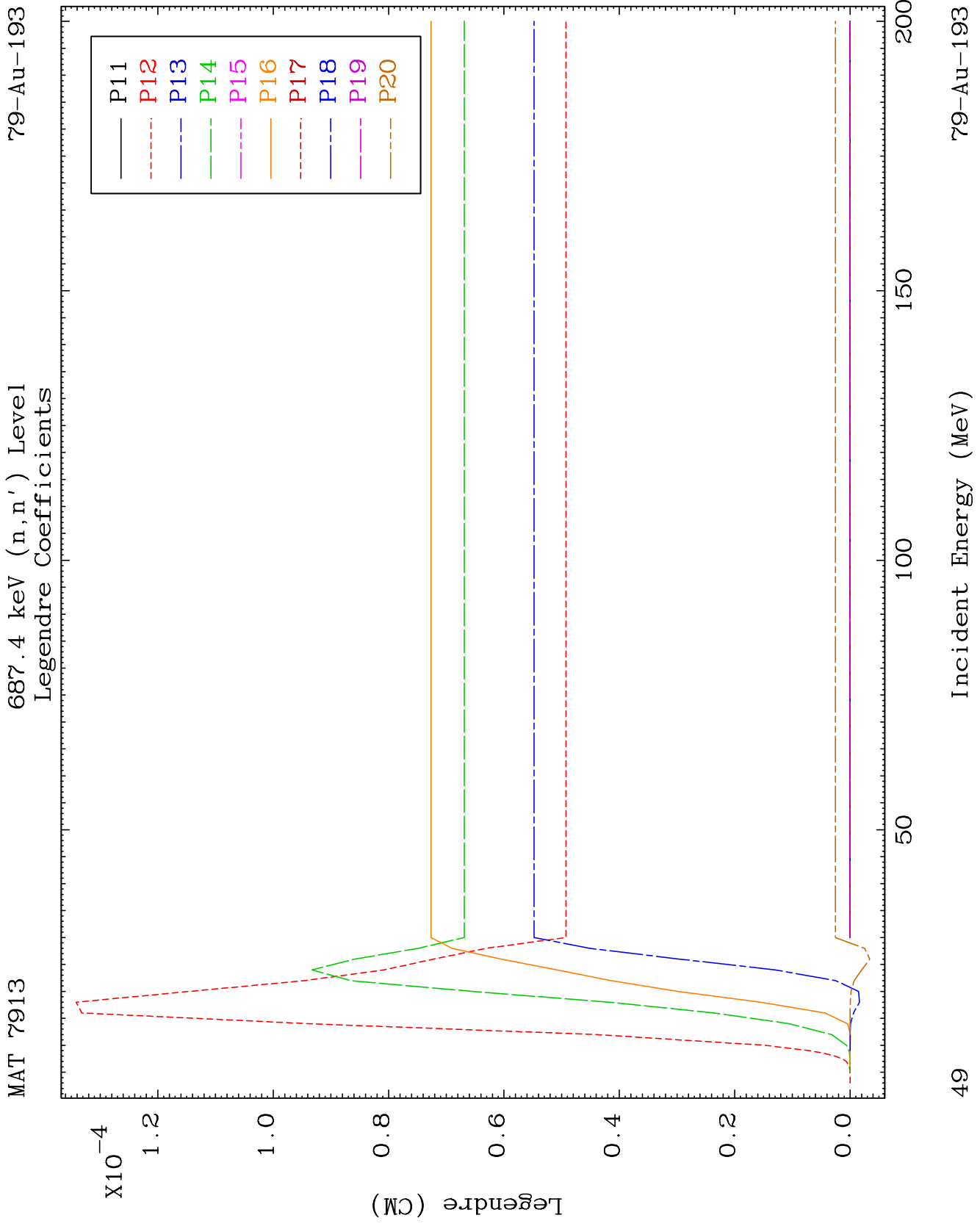
79-Au-193

Incident Energy (MeV)

47





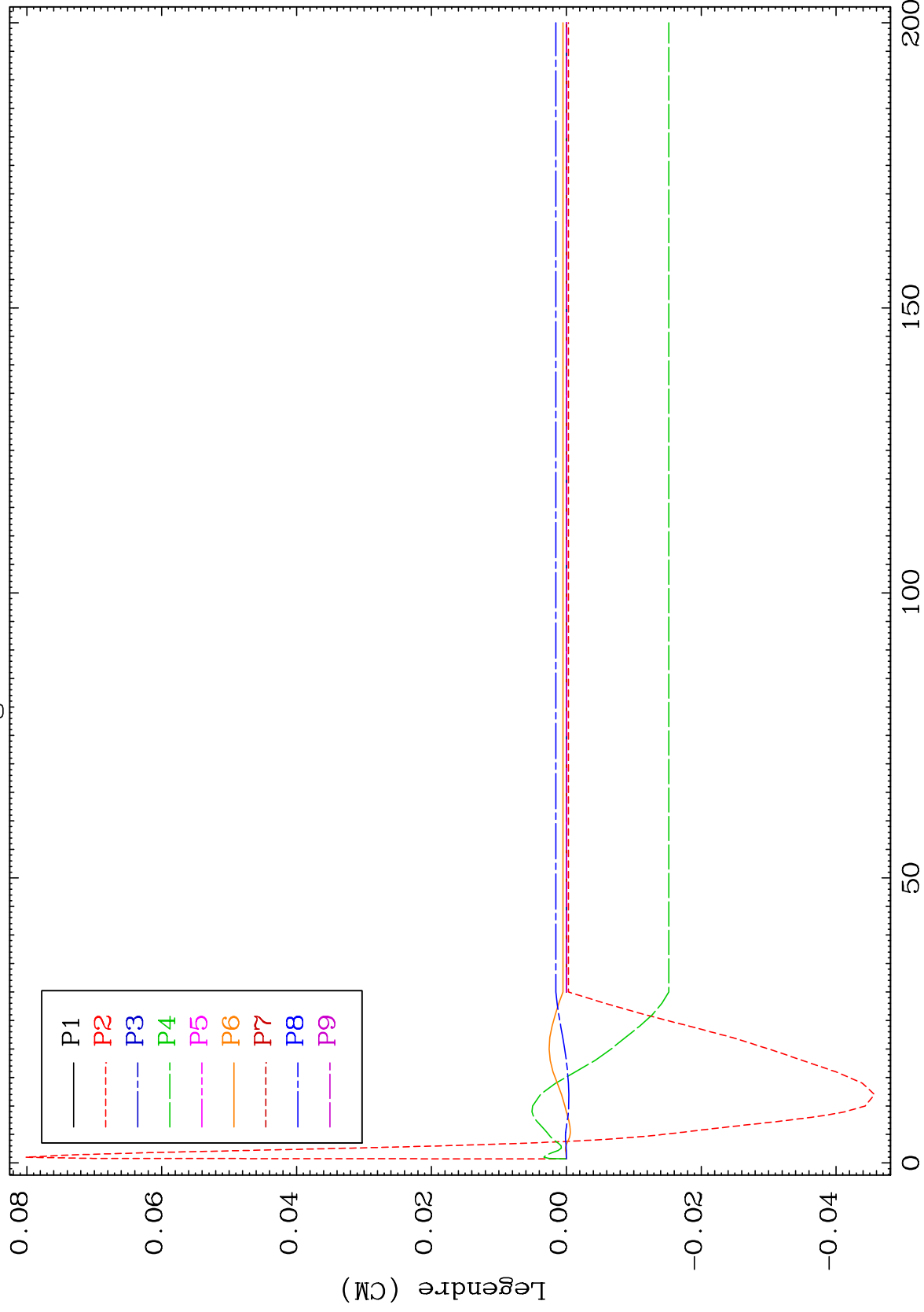




MAT 7913

697.8 keV (n,n') Level  
Legendre Coefficients

79-Au-193



51

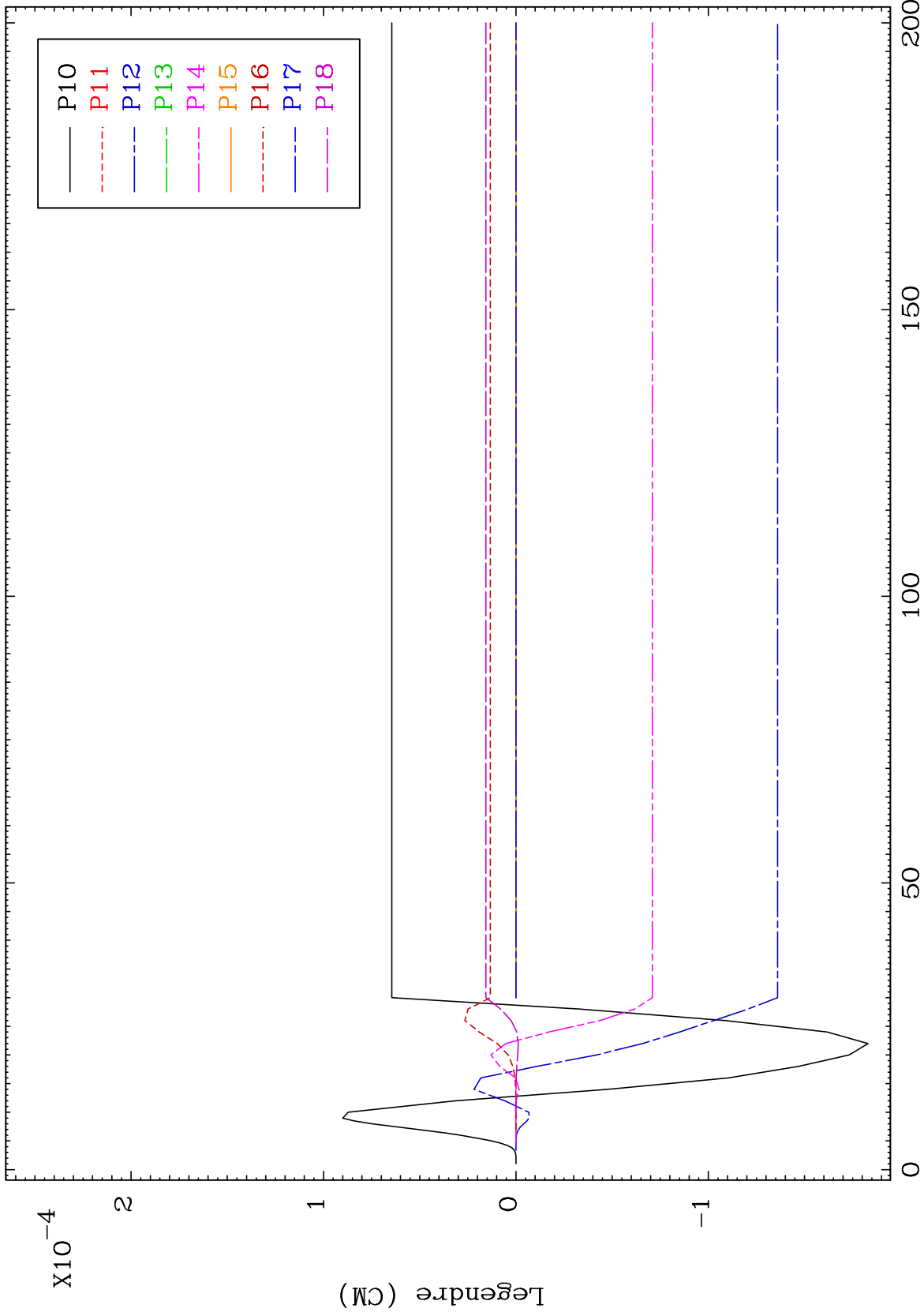
Incident Energy (MeV)

79-Au-193

MAT 7913

697.8 keV (n,n') Level  
Legendre Coefficients

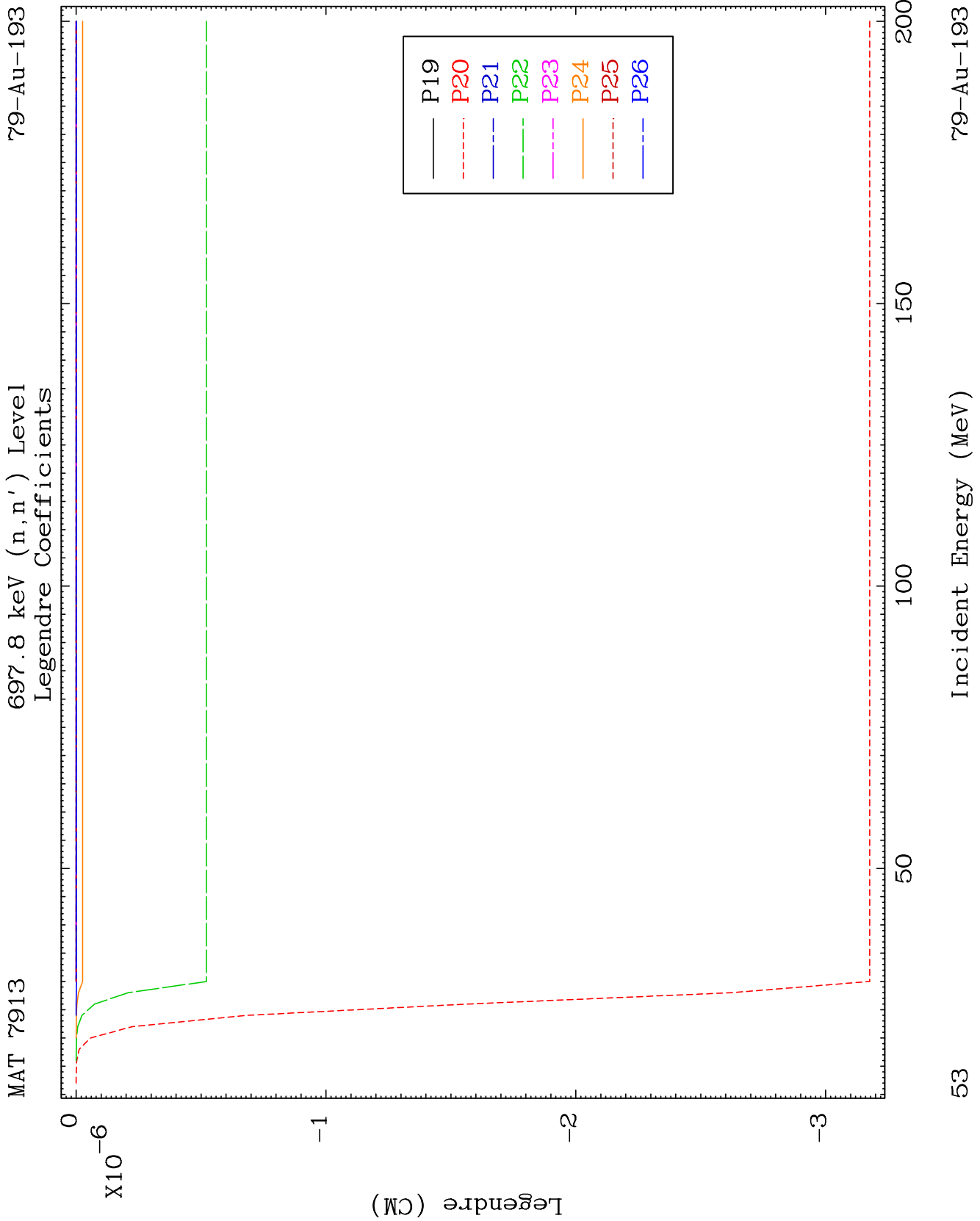
79-Au-193



52

Incident Energy (MeV)

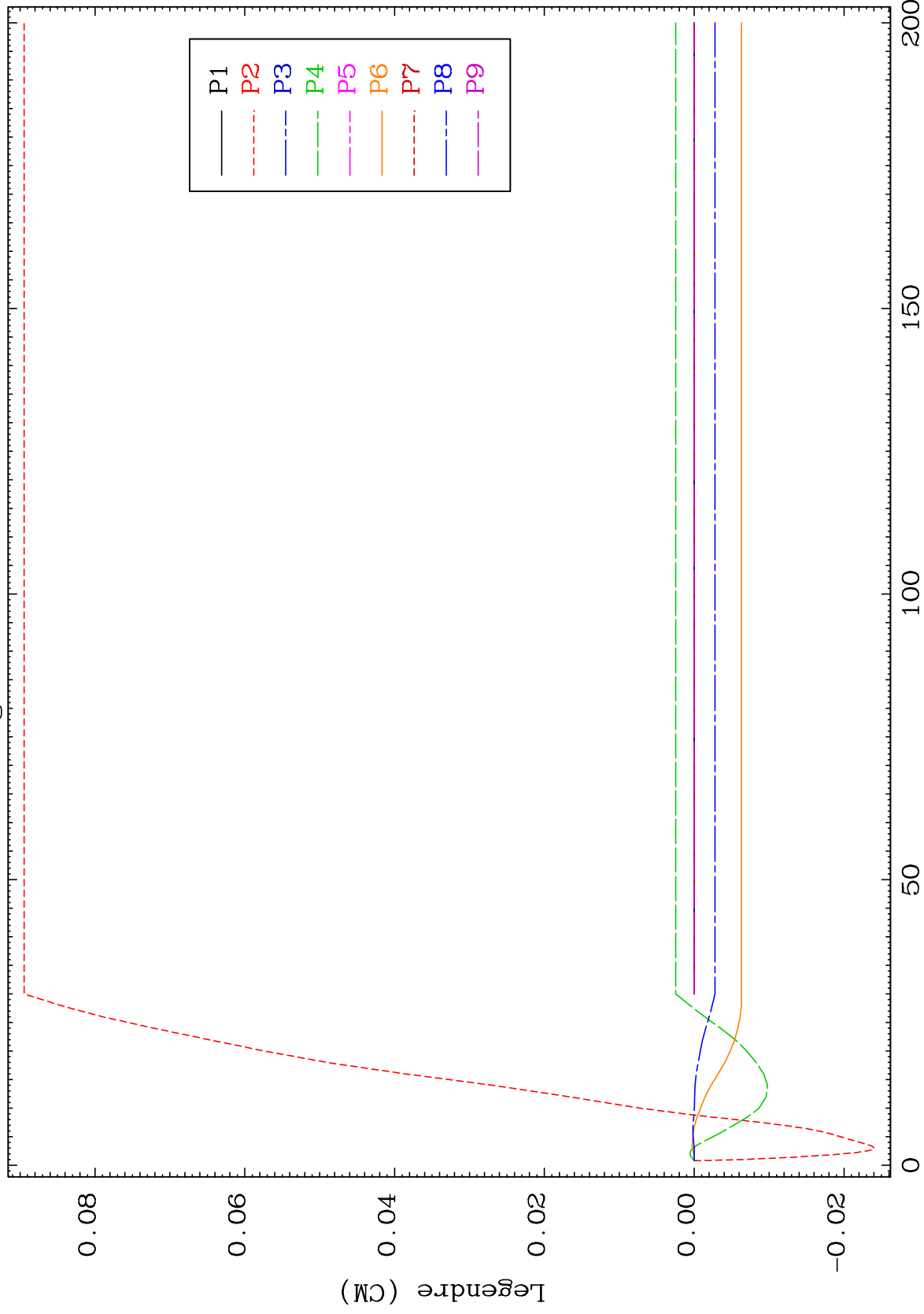
79-Au-193



MAT 7913

789.9 keV (n,n') Level  
Legendre Coefficients

79-Au-193



54

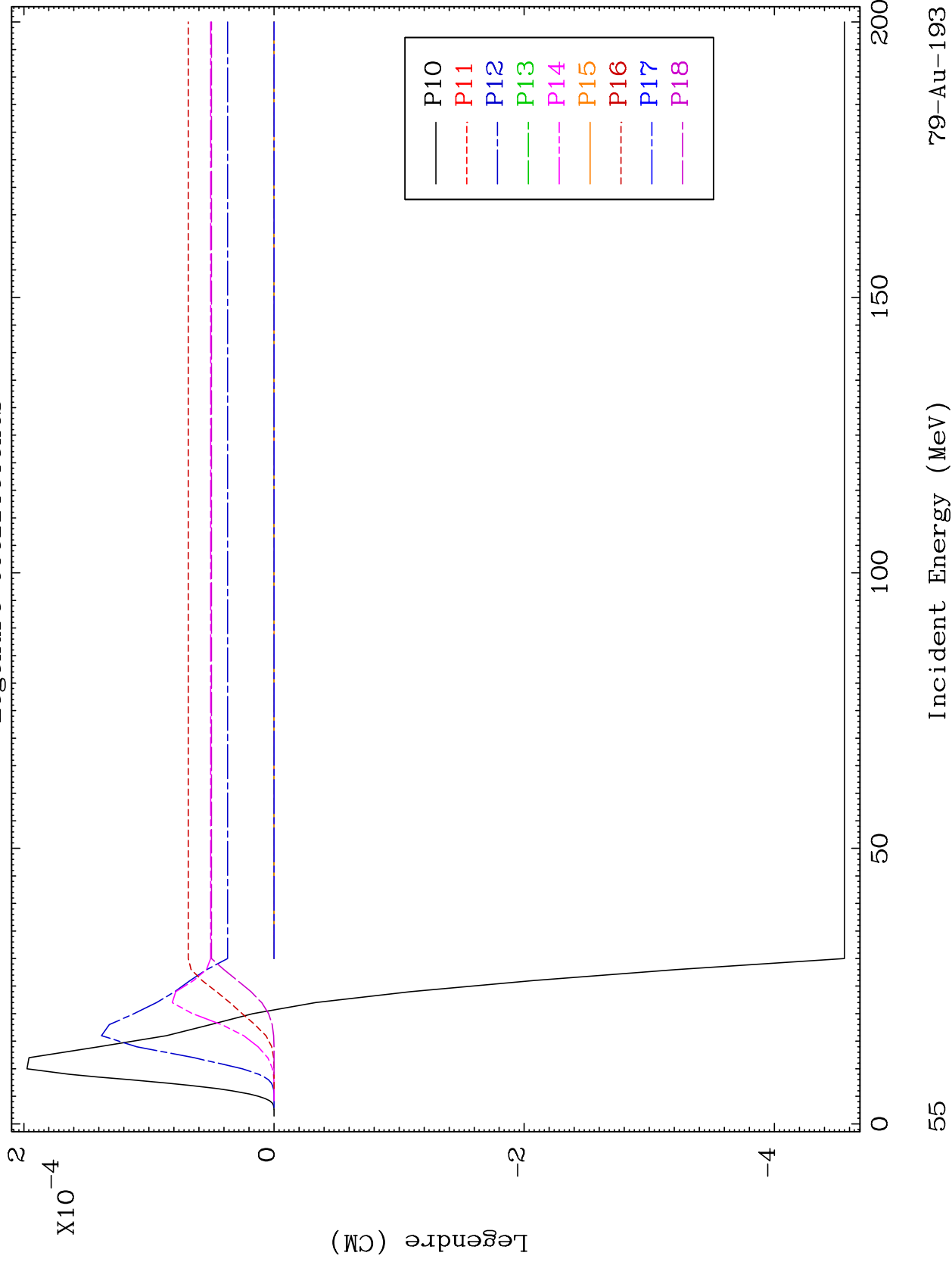
Incident Energy (MeV)

79-Au-193

MAT 7913

789.9 keV (n,n') Level  
Legendre Coefficients

79-Au-193

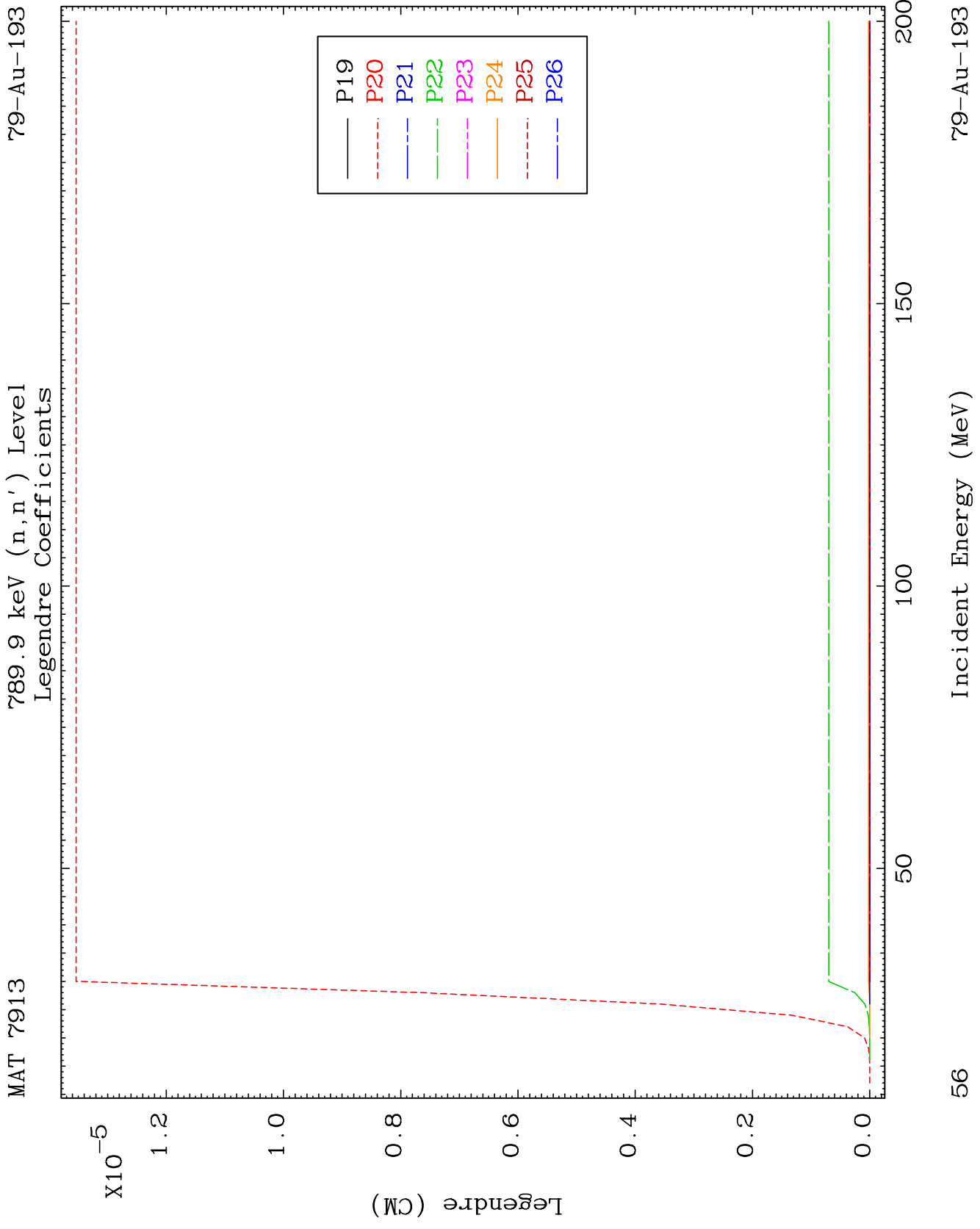


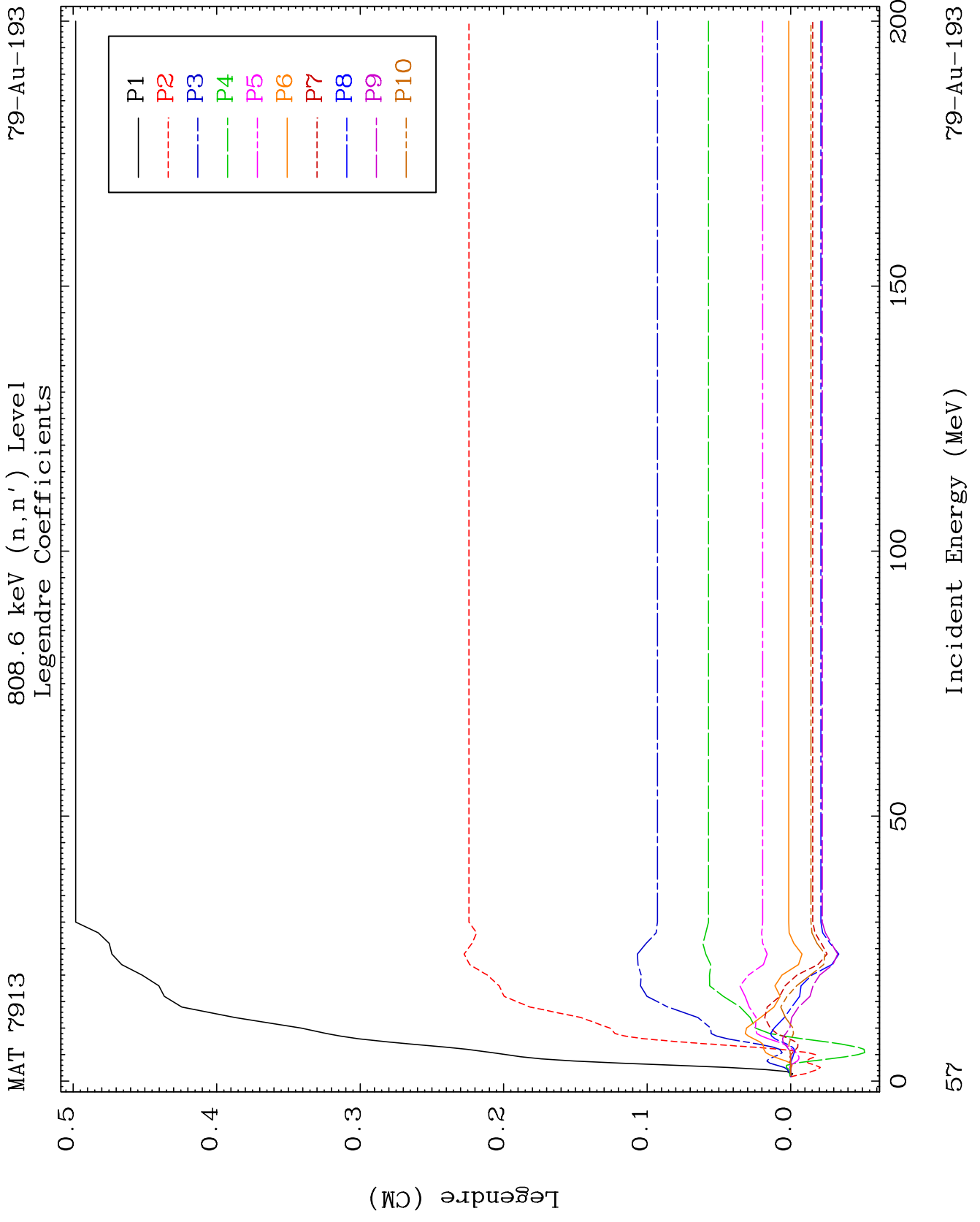
79-Au-193

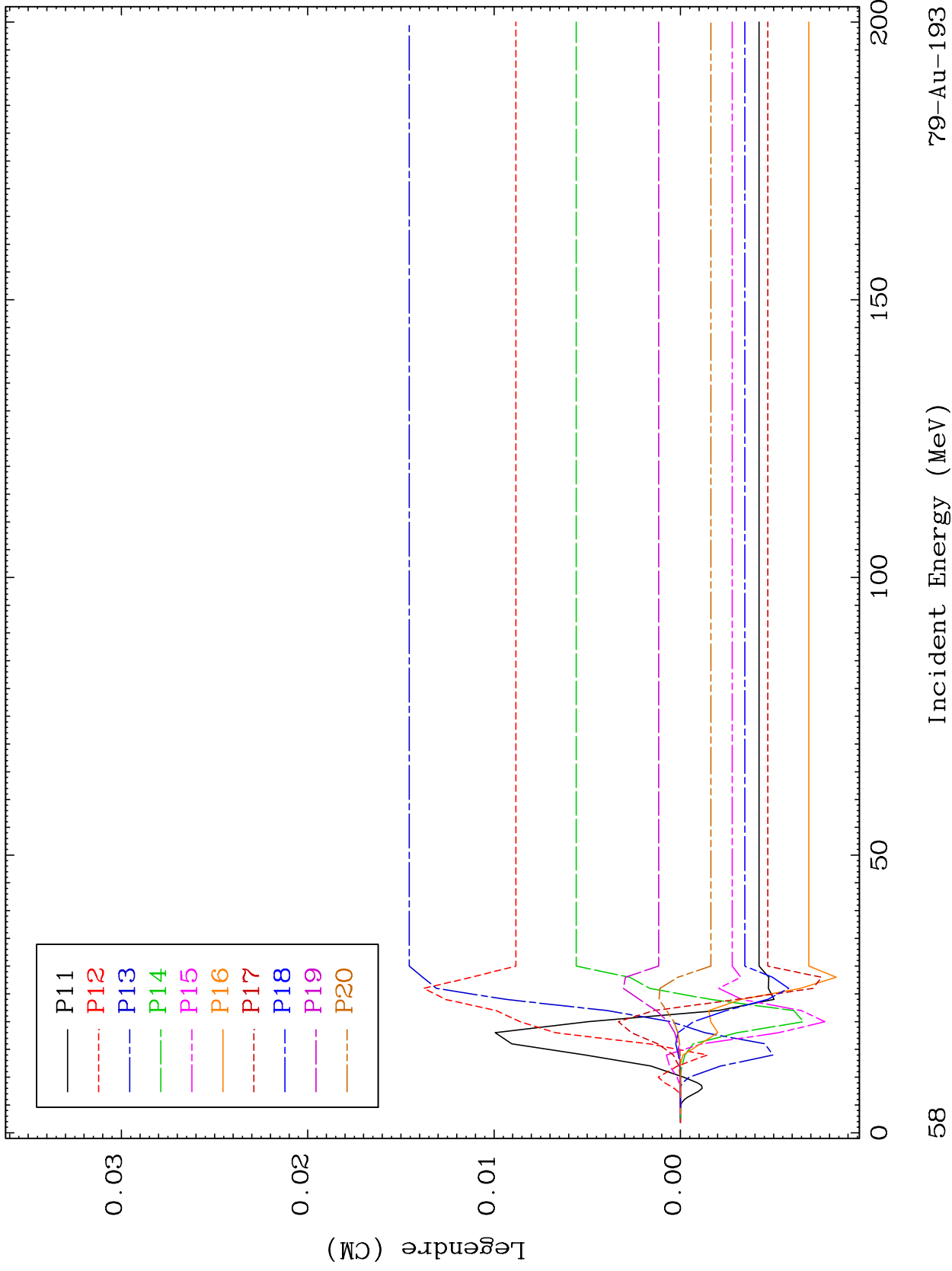
Incident Energy (MeV)

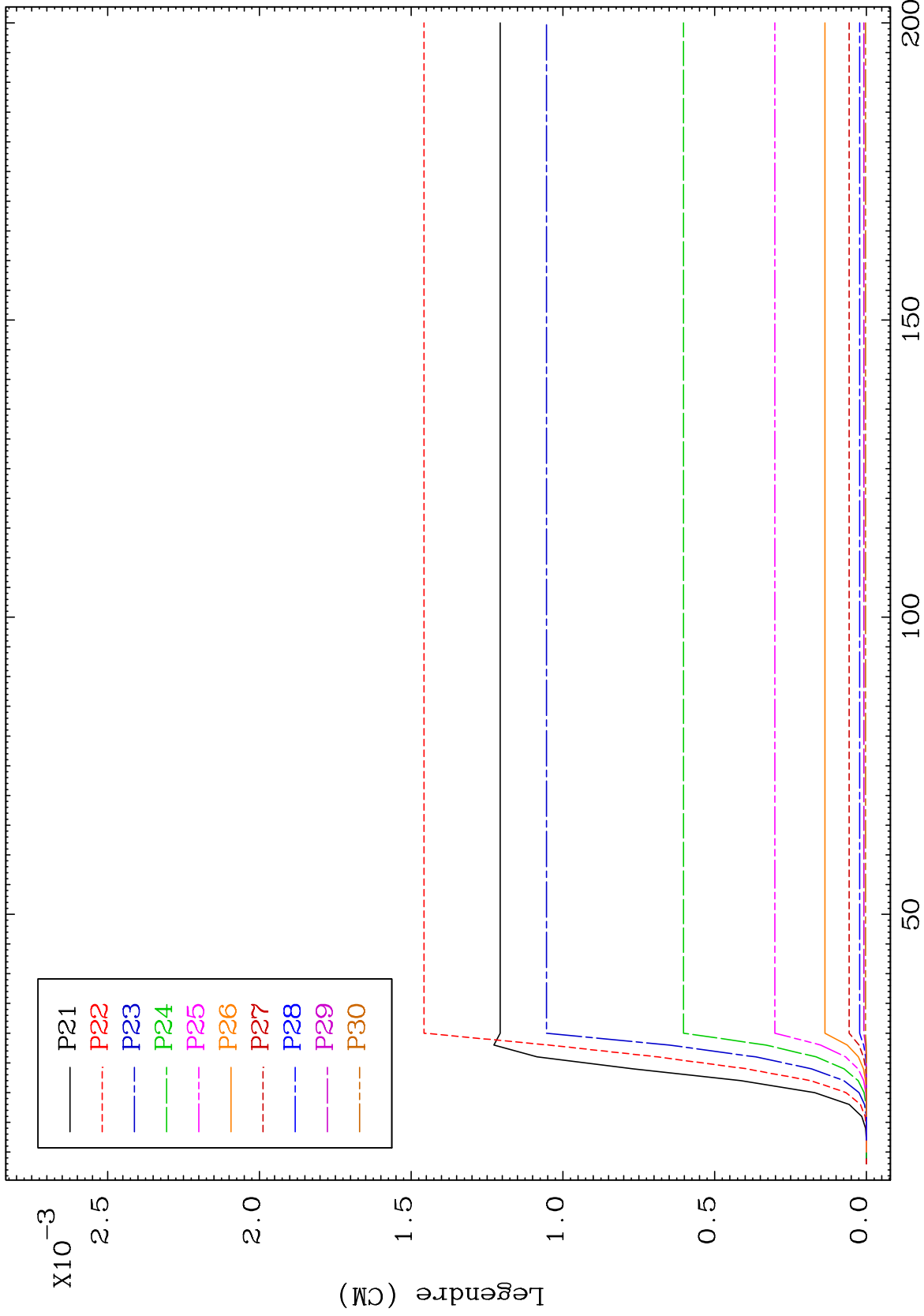
55







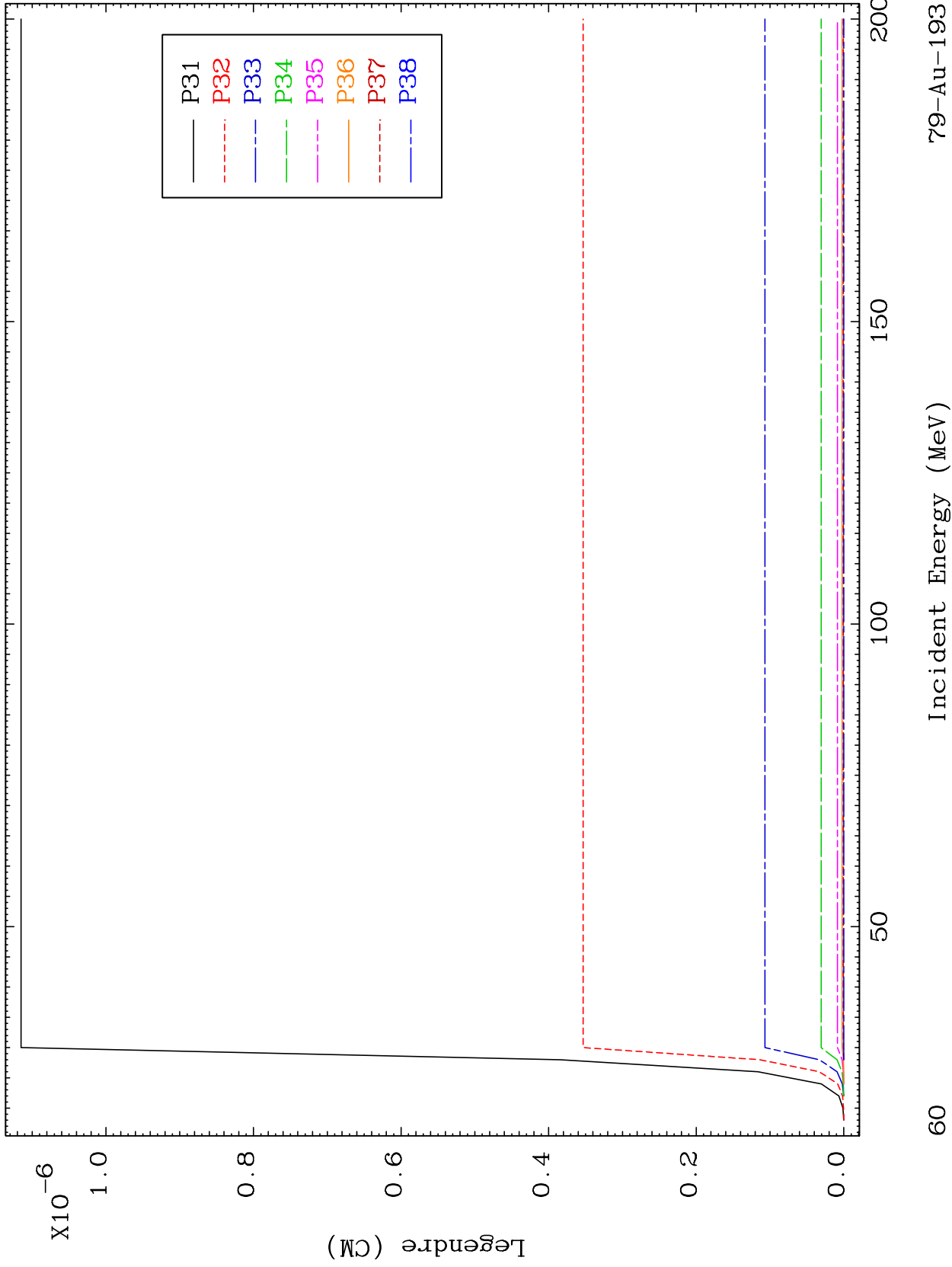




MAT 7913

808.6 keV (n,n') Level  
Legendre Coefficients

79-Au-193

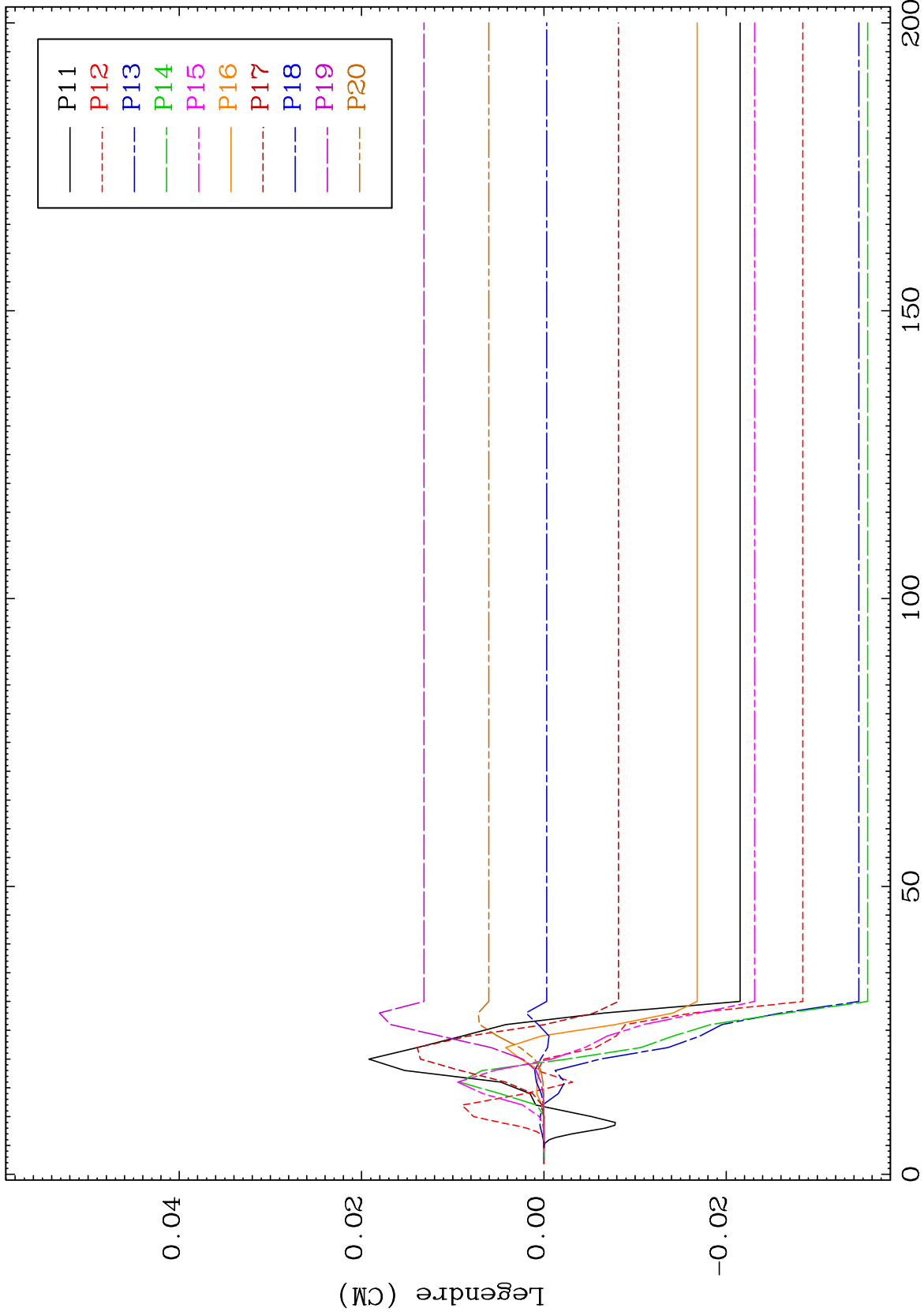




MAT 7913

827.7 keV (n,n') Level  
Legendre Coefficients

79-Au-193



62

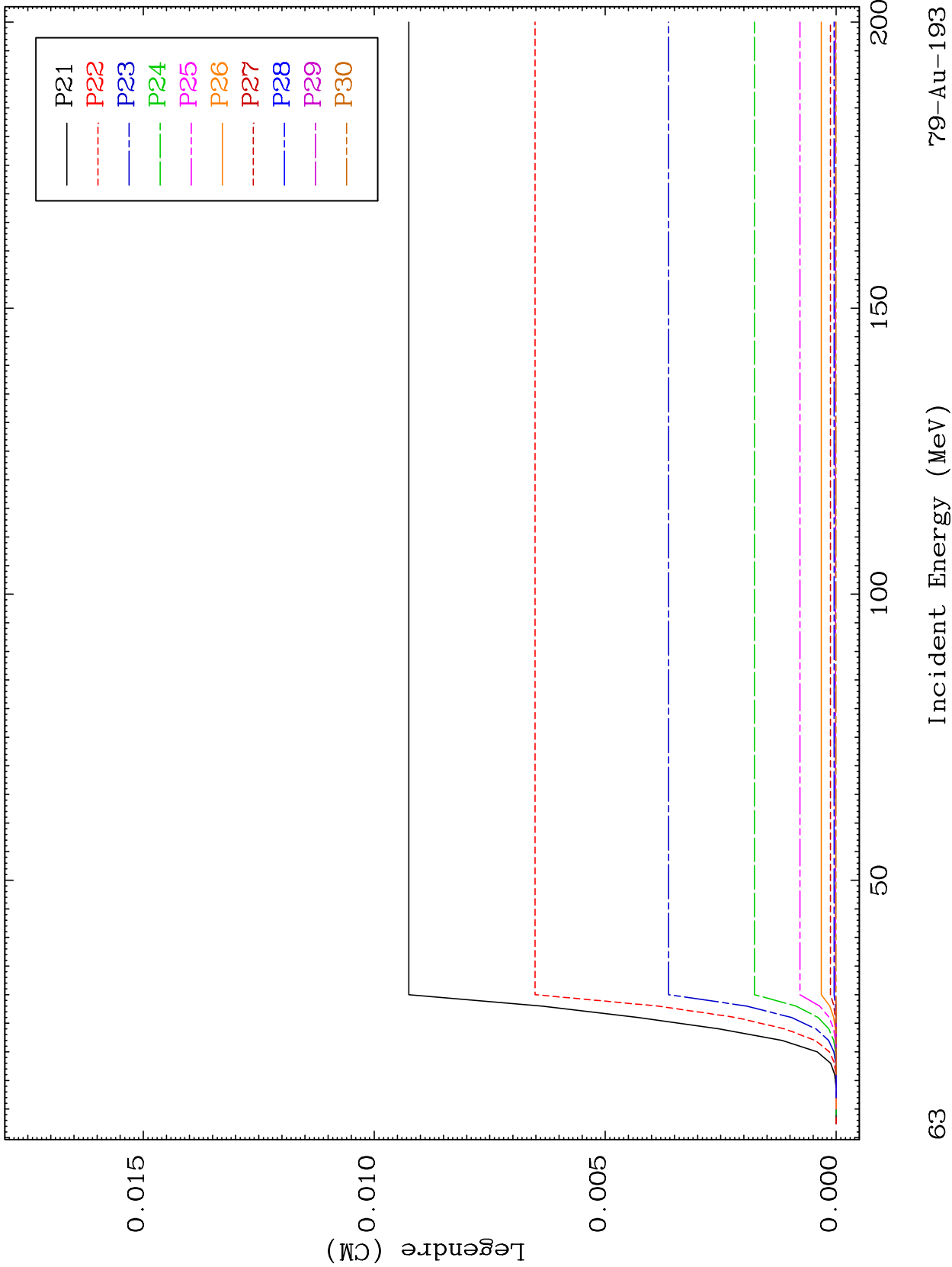
Incident Energy (MeV)

79-Au-193

MAT 7913

827.7 keV (n,n') Level  
Legendre Coefficients

79-Au-193



63

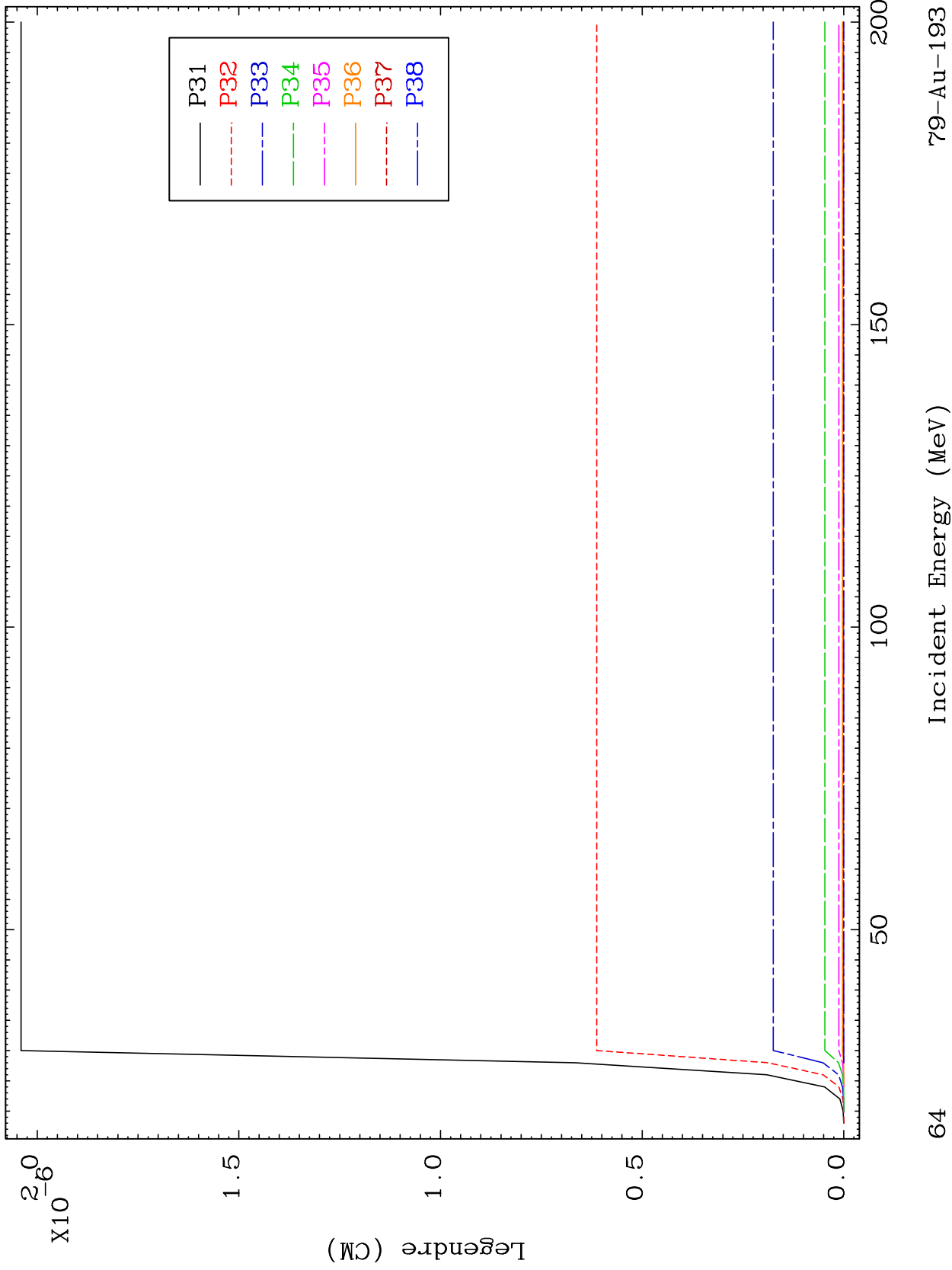
79-Au-193



MAT 7913

827.7 keV (n,n') Level  
Legendre Coefficients

79-Au-193



64

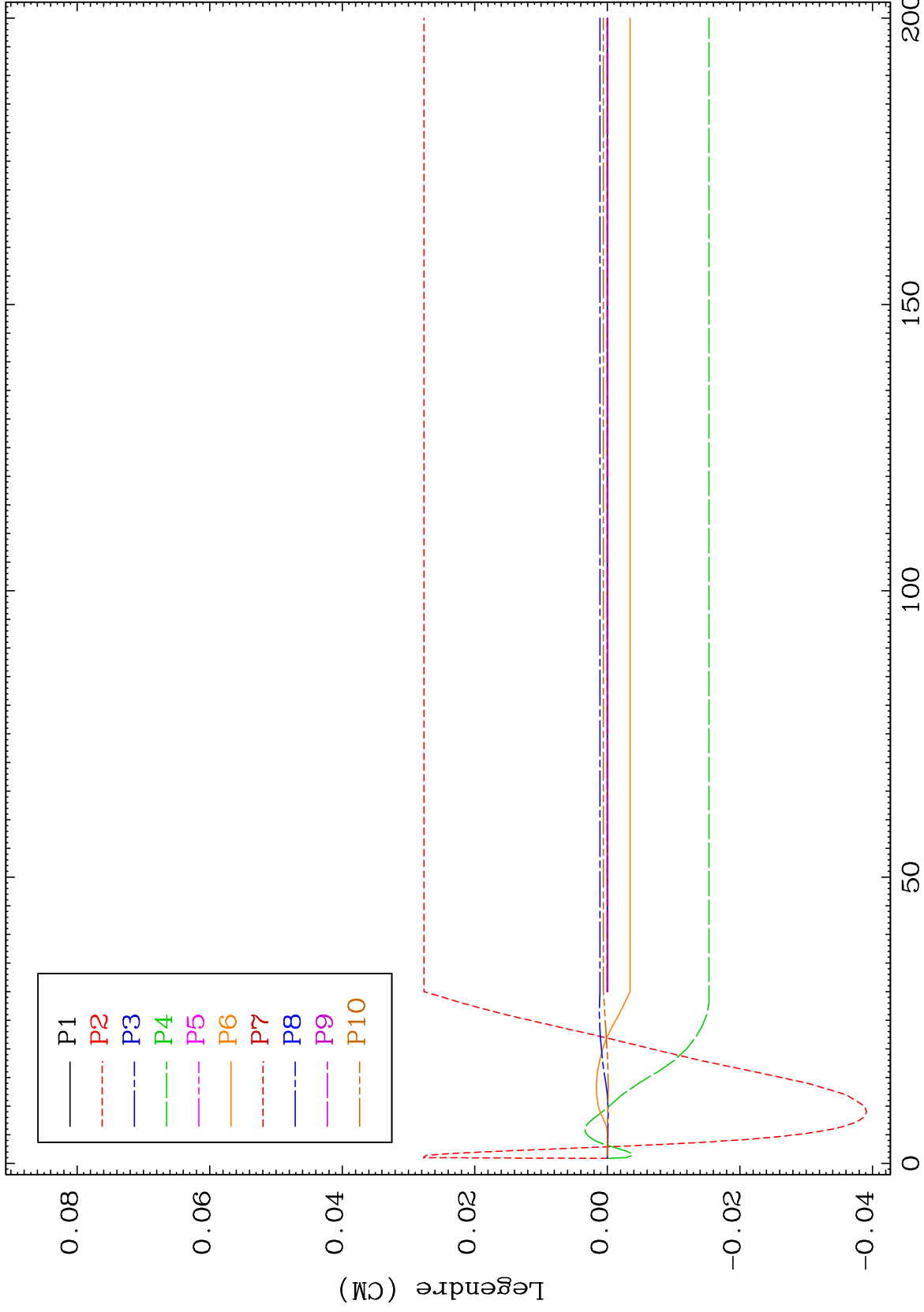
Incident Energy (MeV)

79-Au-193

MAT 7913

863.3 keV (n,n') Level  
Legendre Coefficients

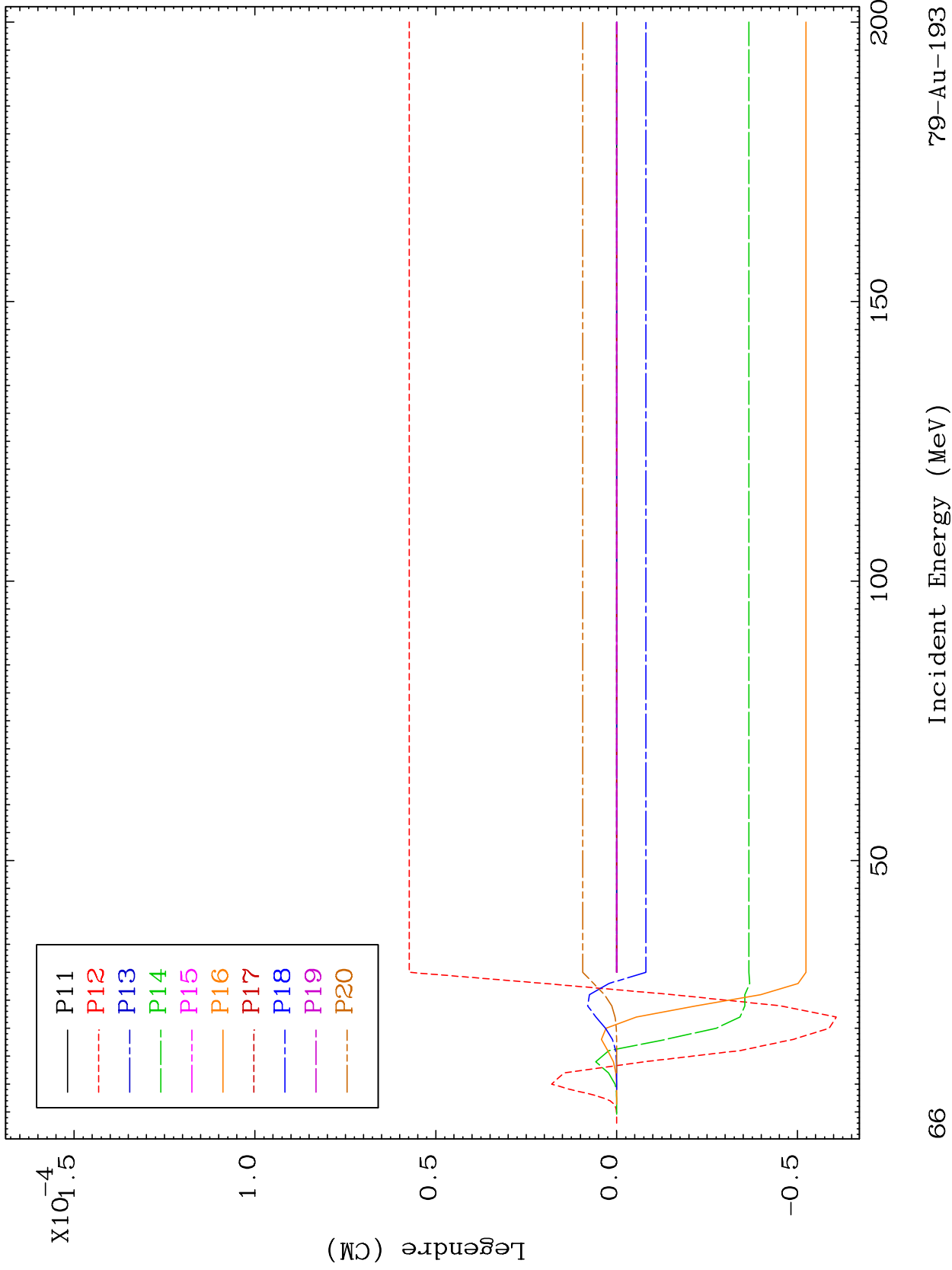
79-Au-193

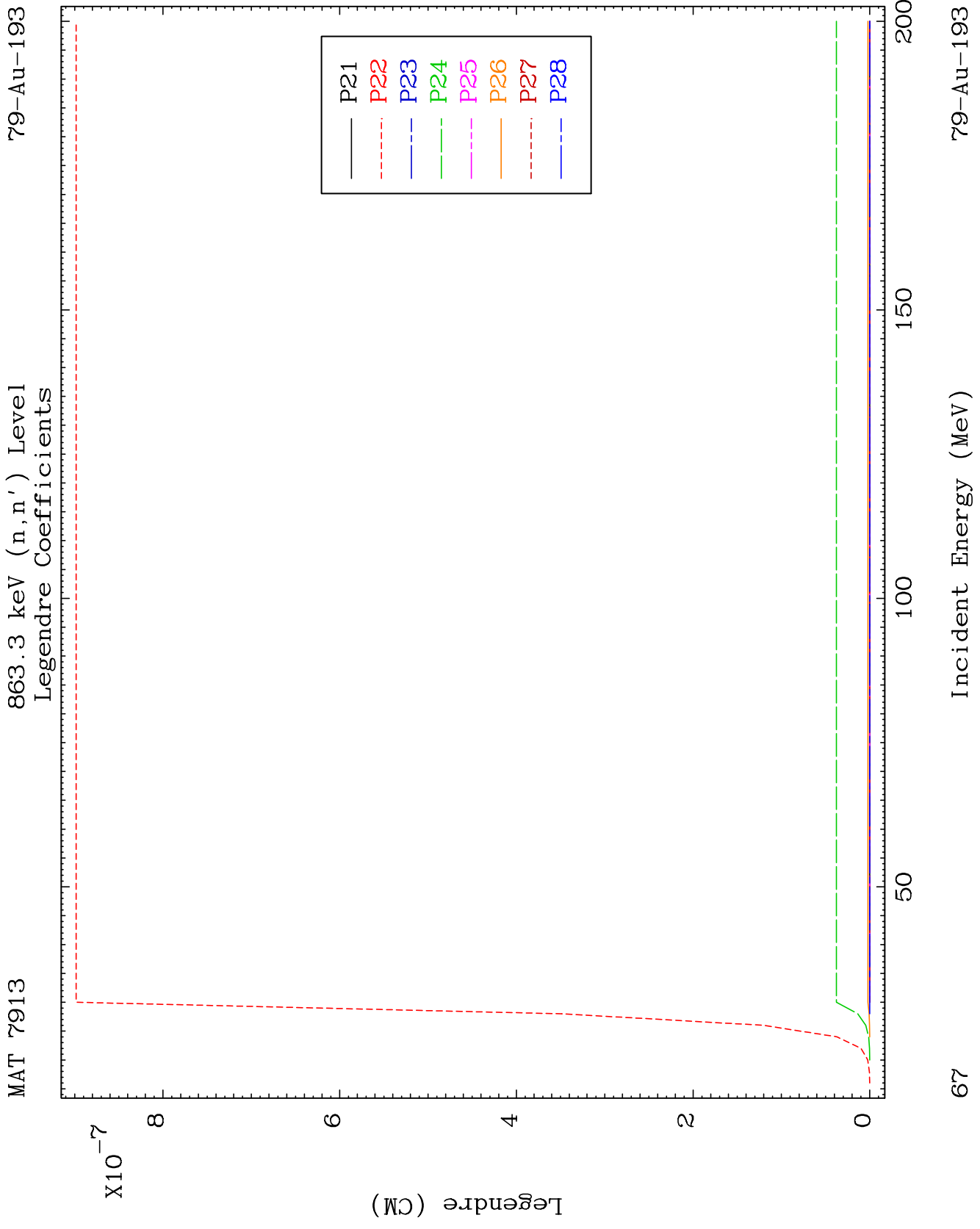


65

Incident Energy (MeV)

79-Au-193

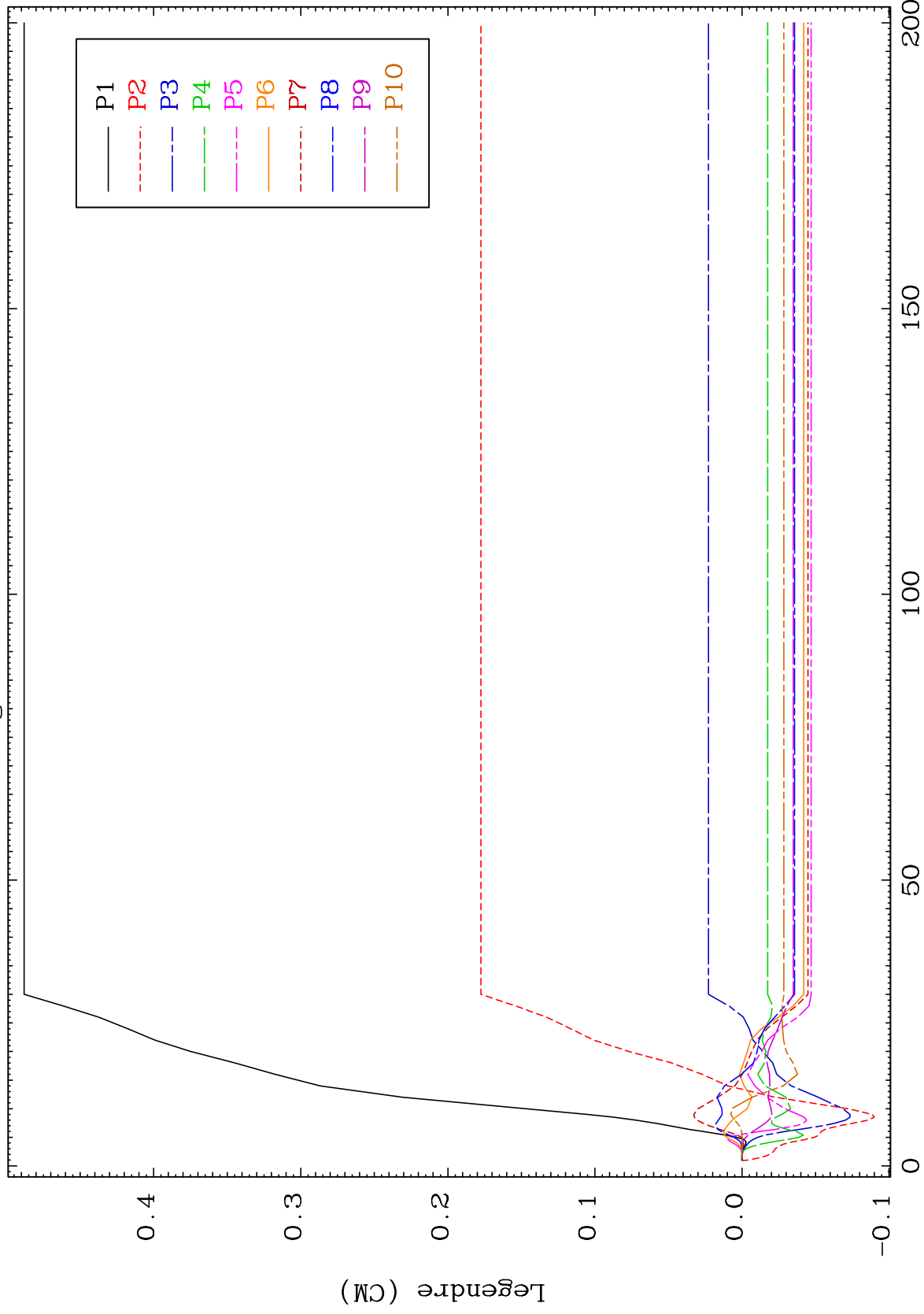




MAT 7913

890.8 keV (n,n') Level  
Legendre Coefficients

79-Au-193



68

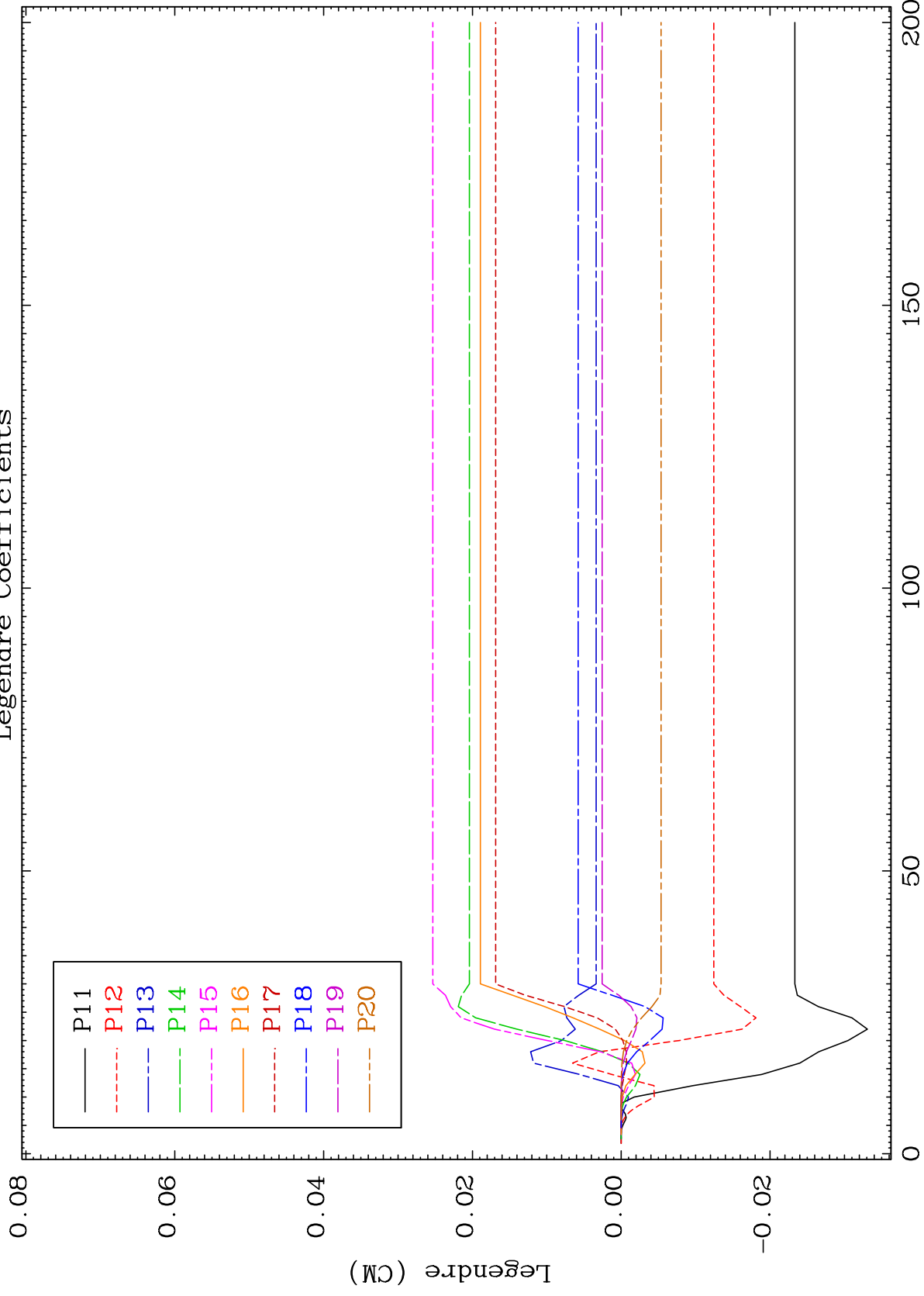
Incident Energy (MeV)

79-Au-193

MAT 7913

890.8 keV (n,n') Level  
Legendre Coefficients

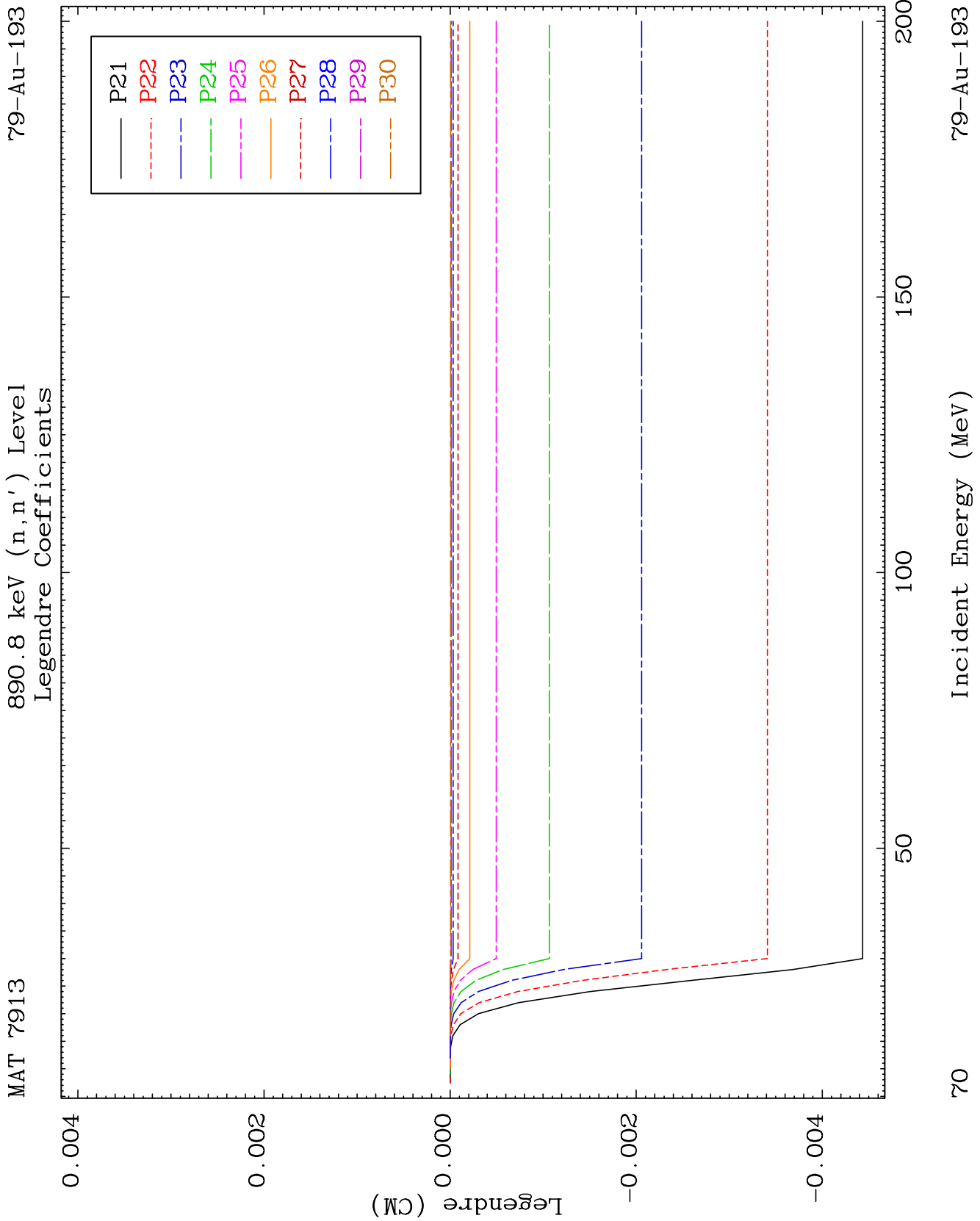
79-Au-193

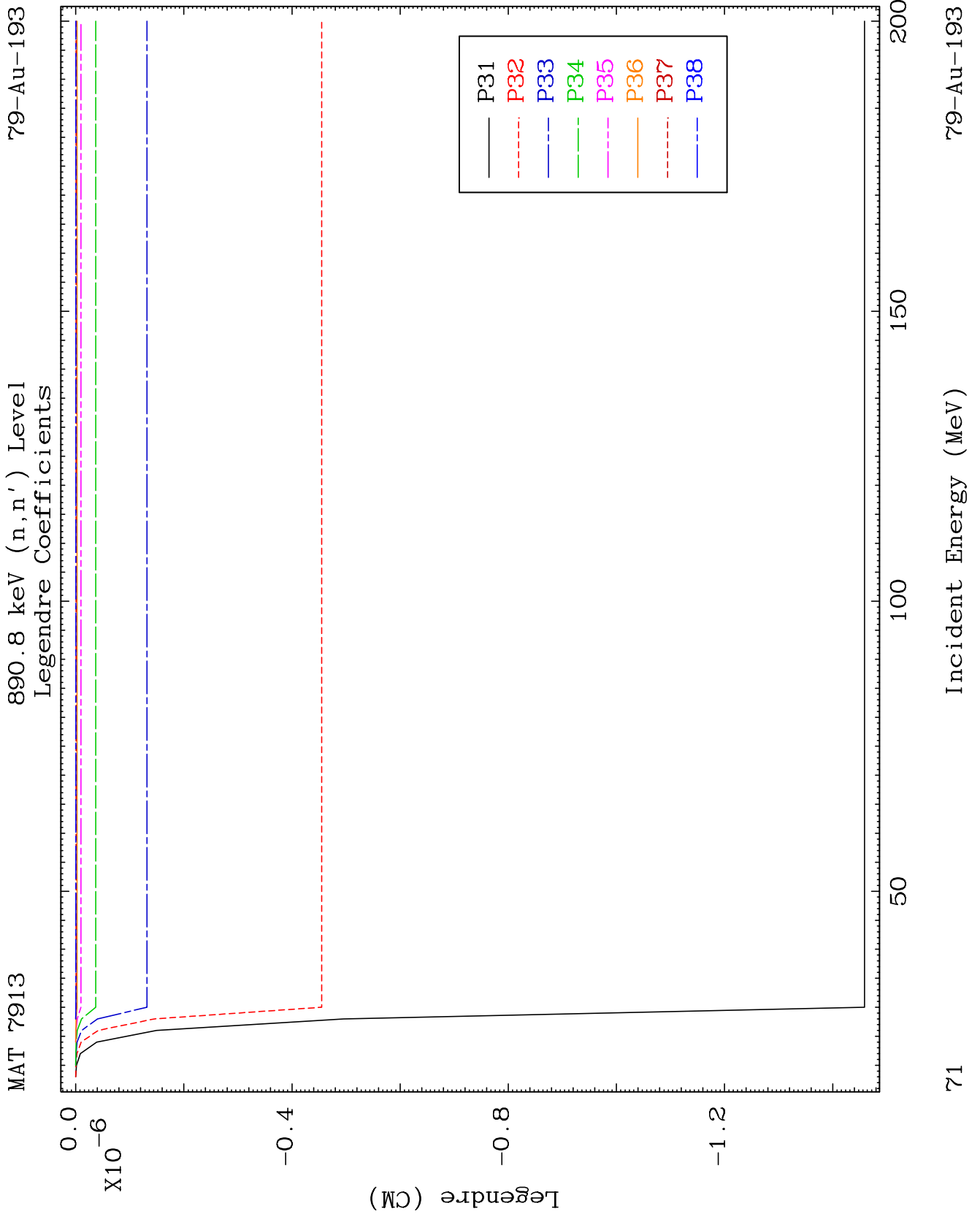


69

Incident Energy (MeV)

79-Au-193



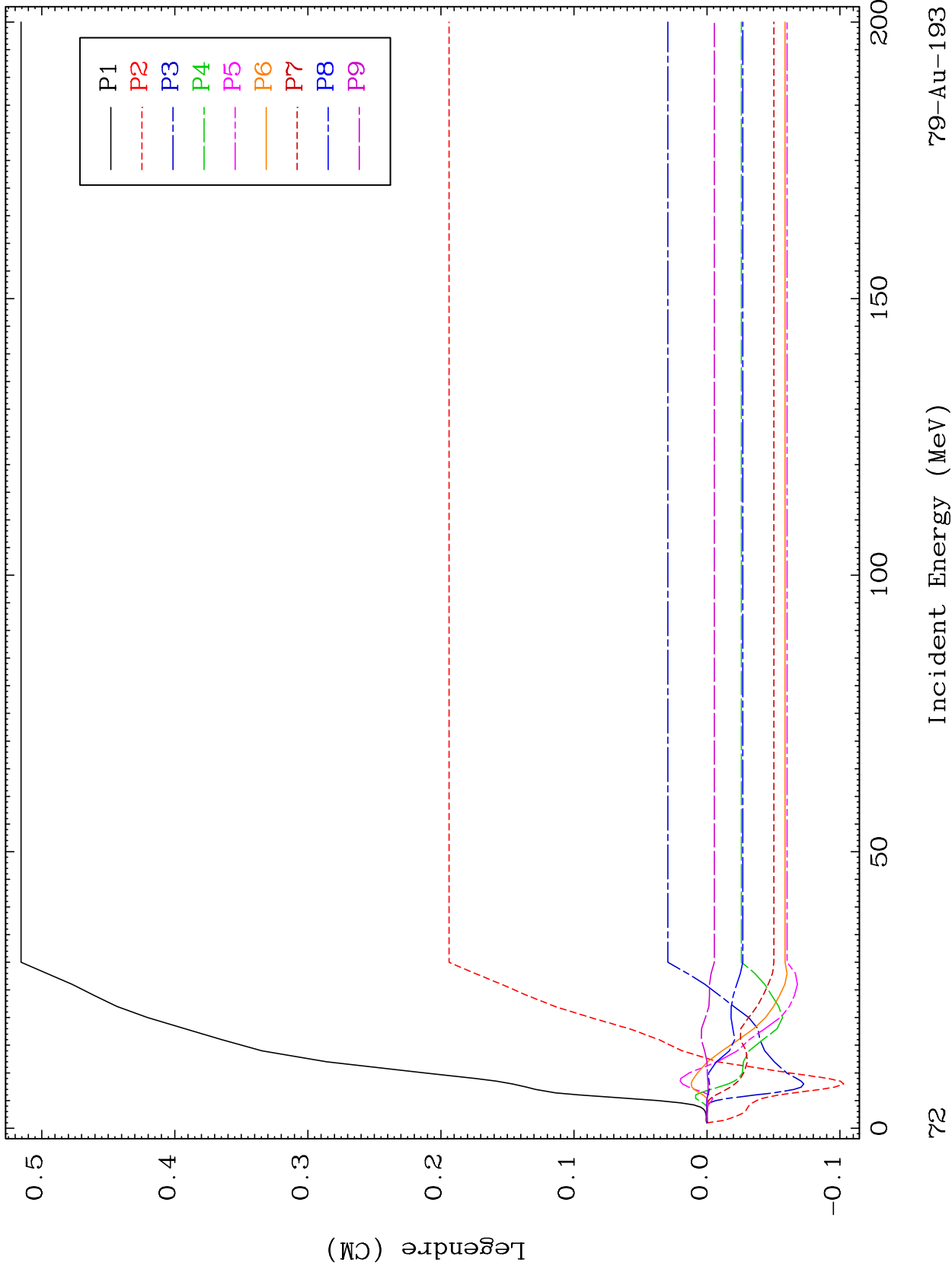




MAT 7913

929.1 keV (n,n') Level  
Legendre Coefficients

79-Au-193



79-Au-193

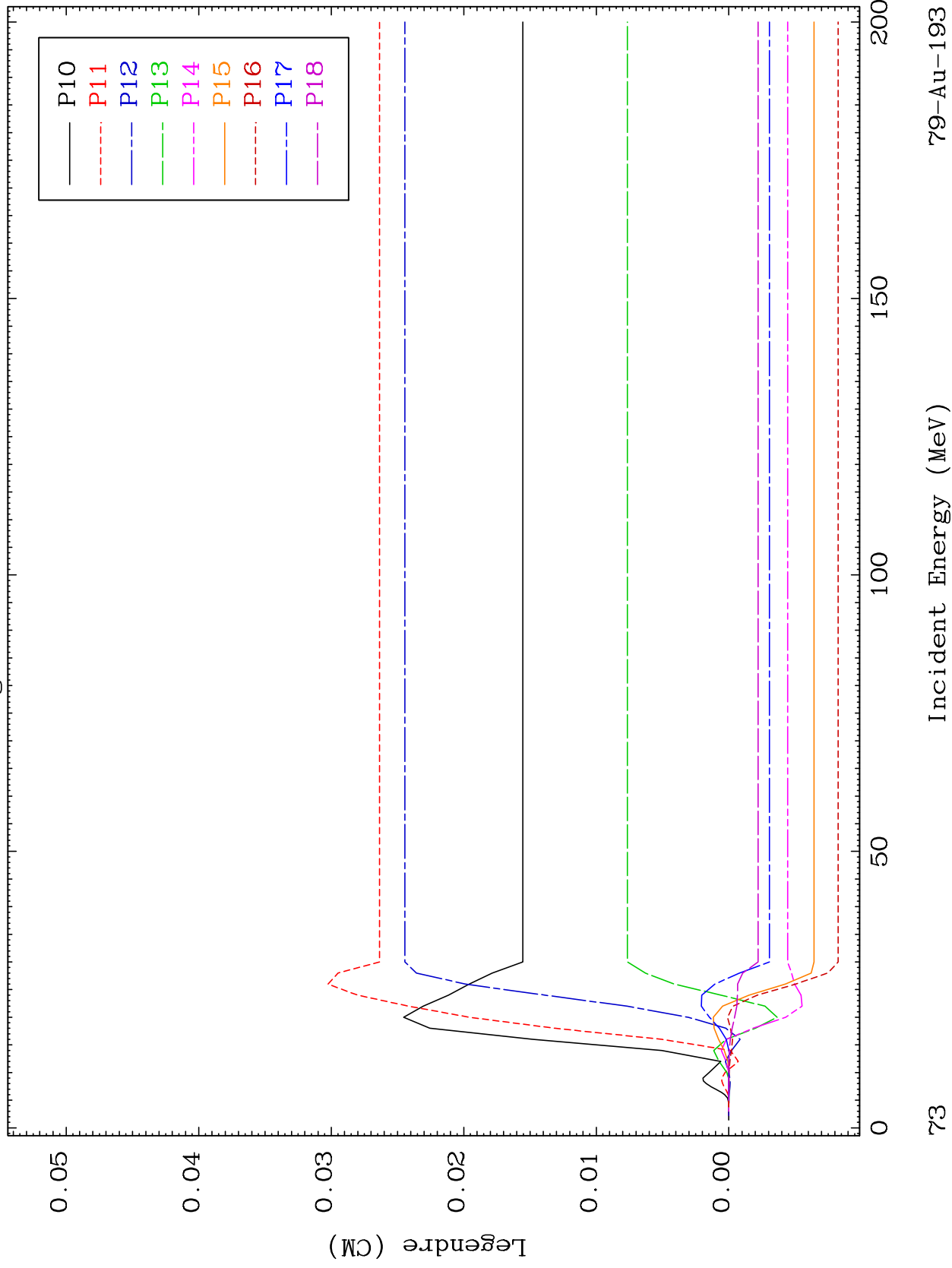
Incident Energy (MeV)

72

MAT 7913

929.1 keV (n, n') Level  
Legendre Coefficients

79-Au-193



79-Au-193

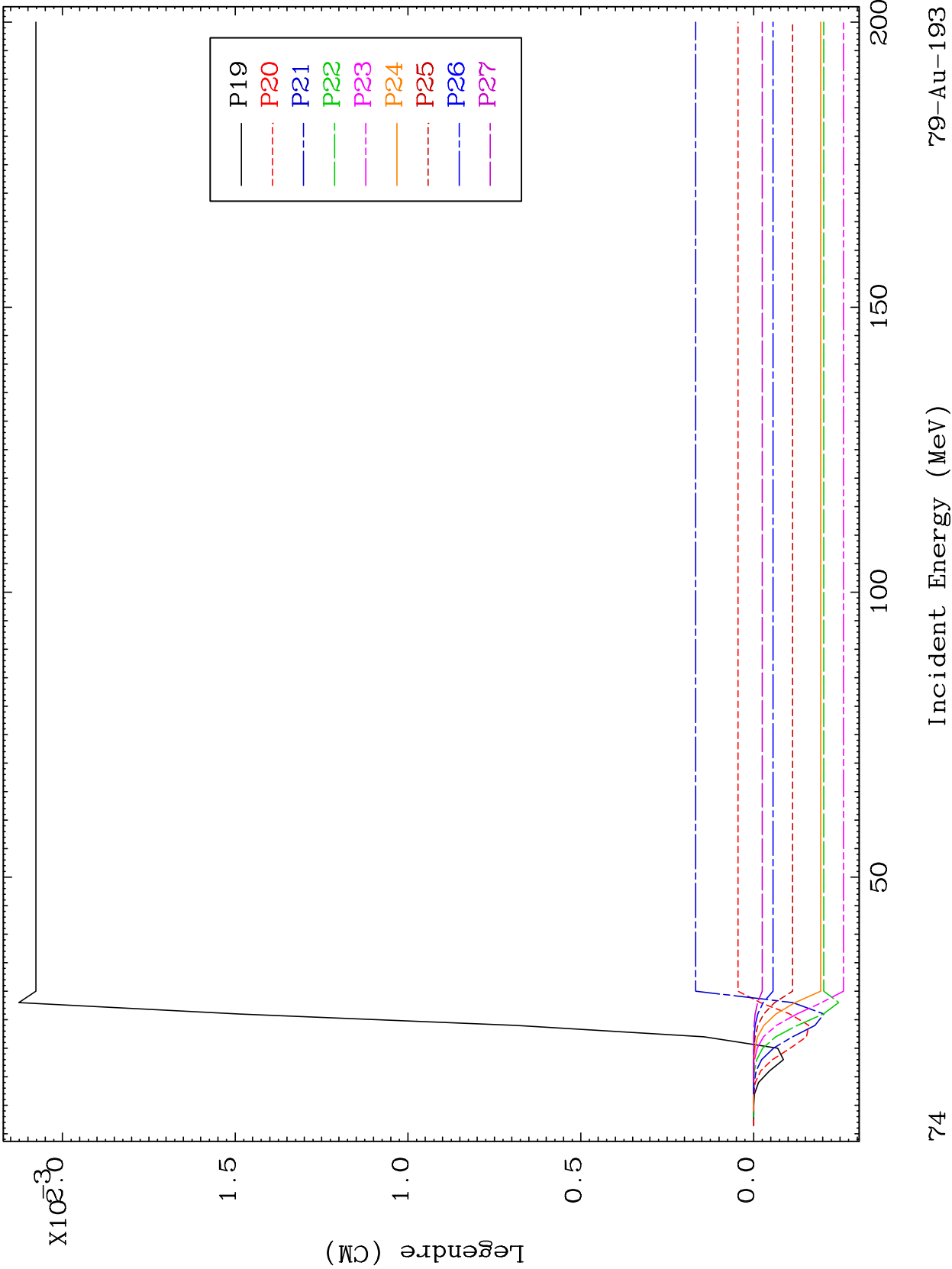
Incident Energy (MeV)

73

MAT 7913

929.1 keV (n,n') Level  
Legendre Coefficients

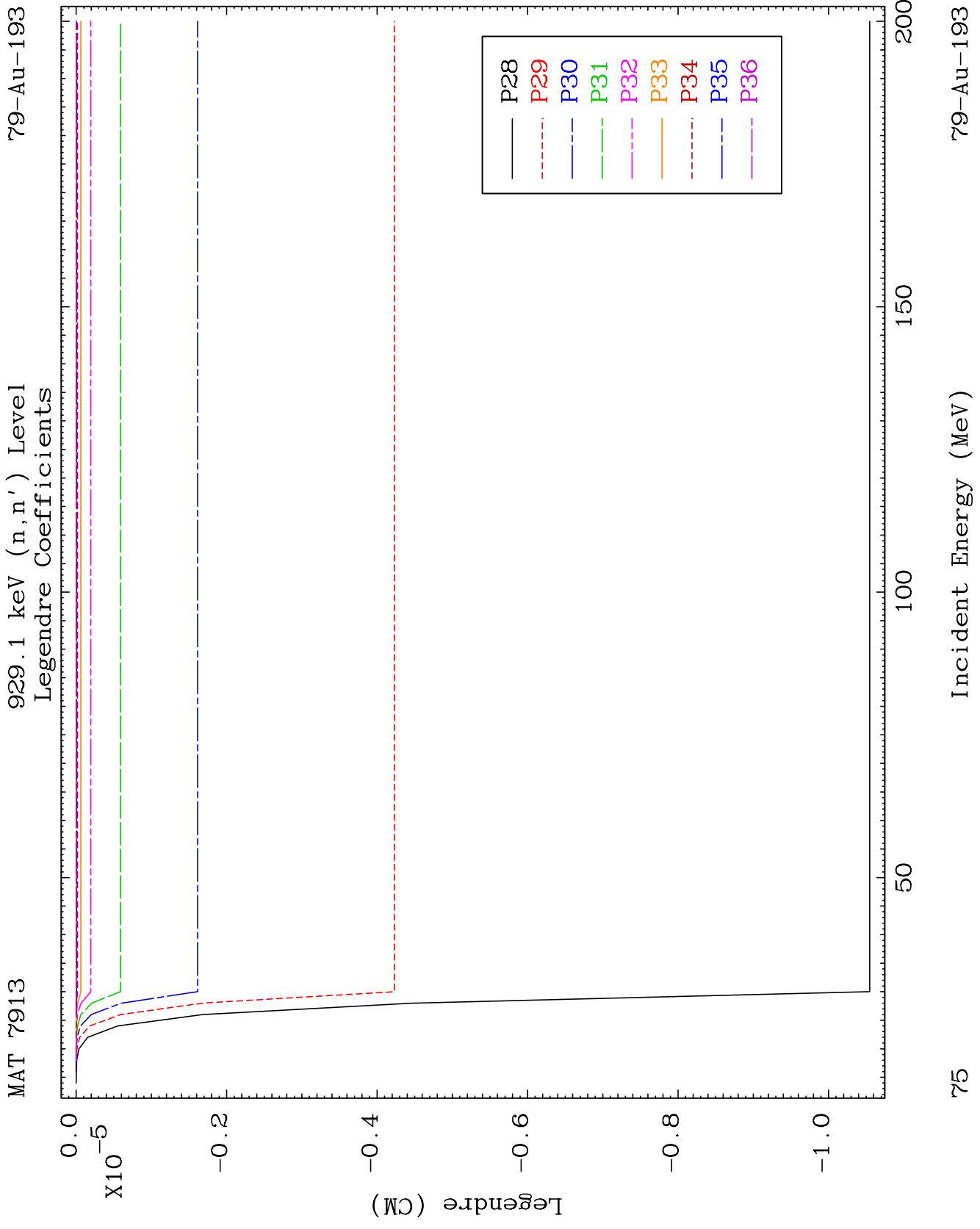
79-Au-193



74

Incident Energy (MeV)

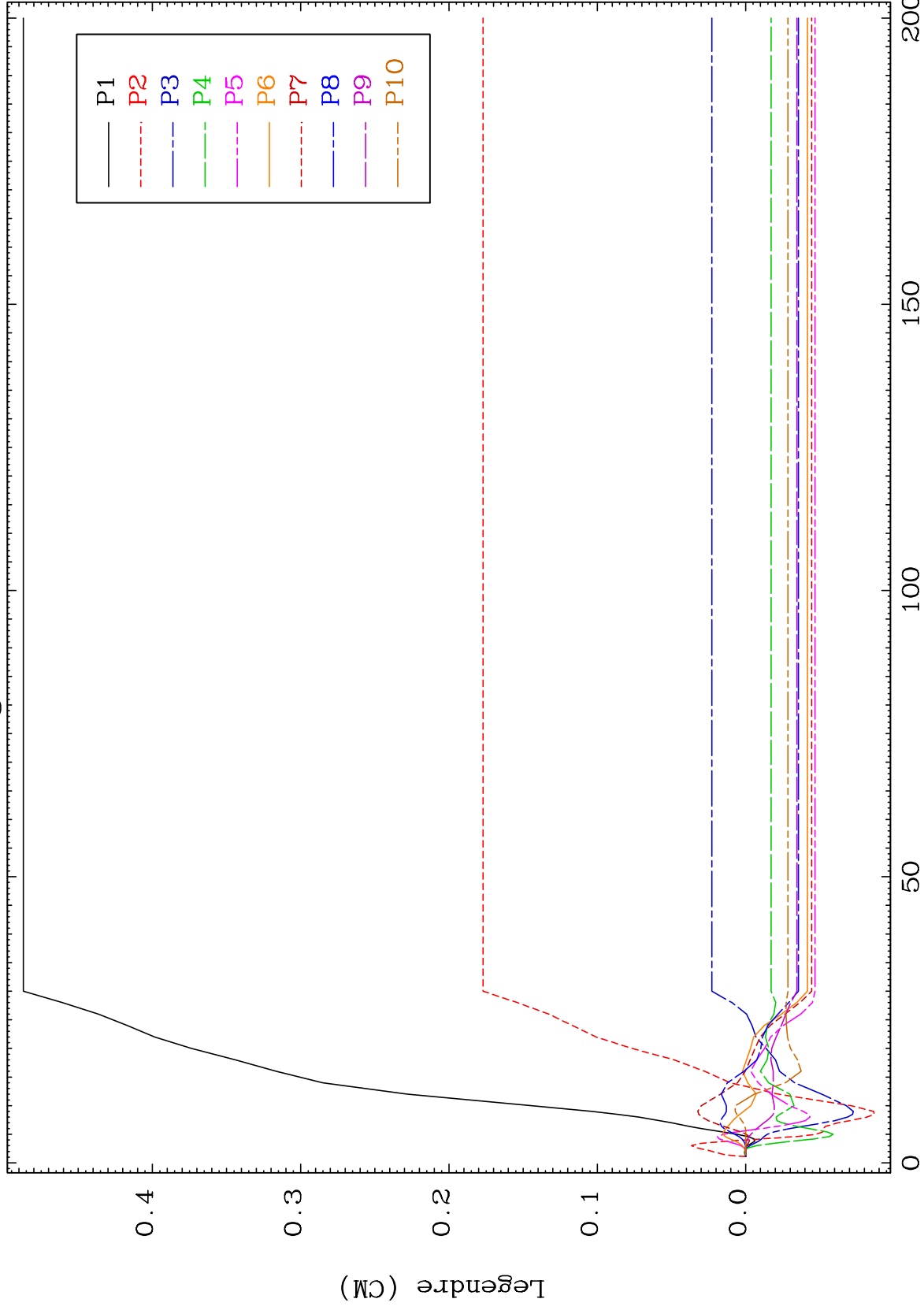
79-Au-193



MAT 7913

1.089 MeV (n,n') Level  
Legendre Coefficients

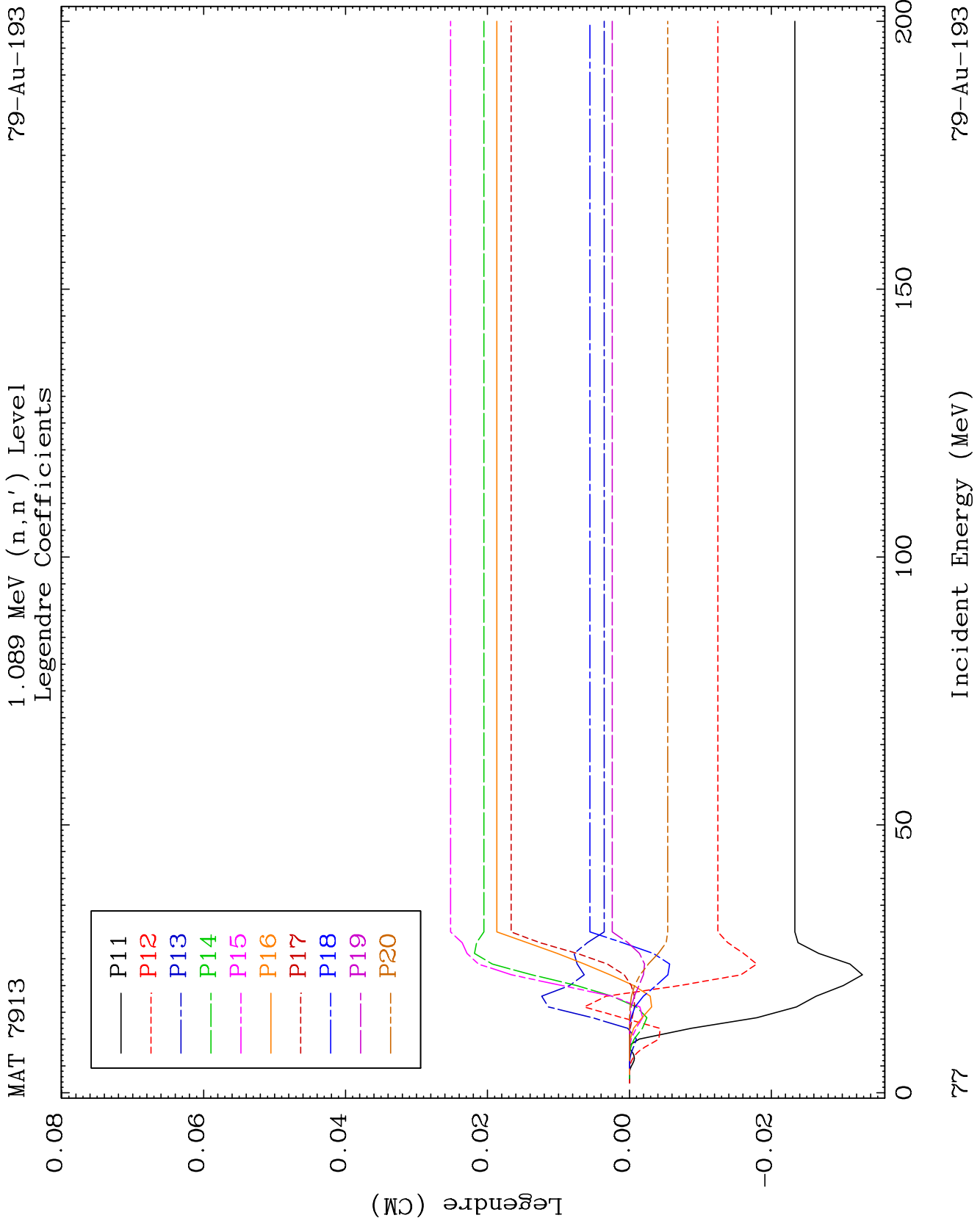
79-Au-193



76

Incident Energy (MeV)

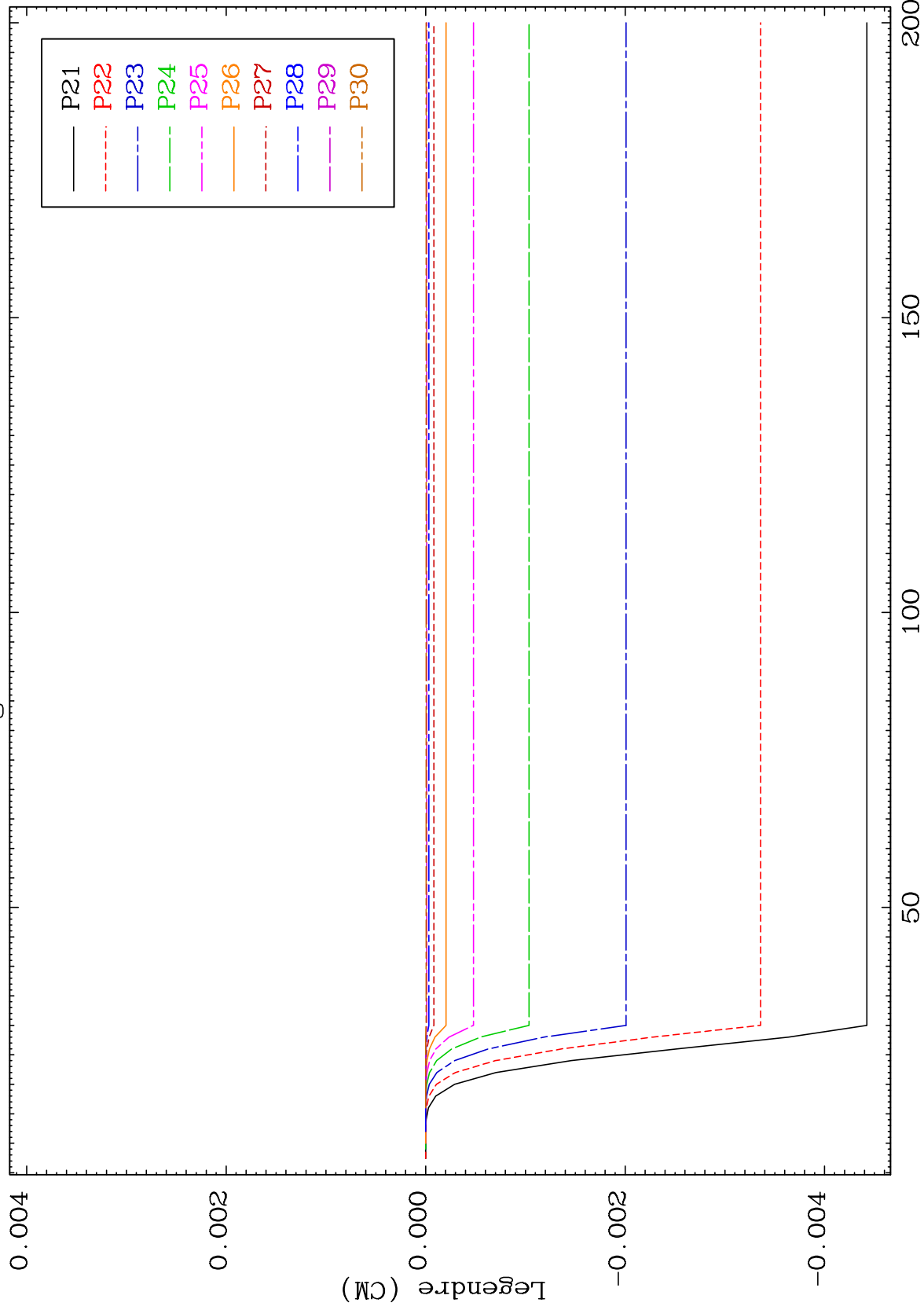
79-Au-193



MAT 7913

1.089 MeV (n,n') Level  
Legendre Coefficients

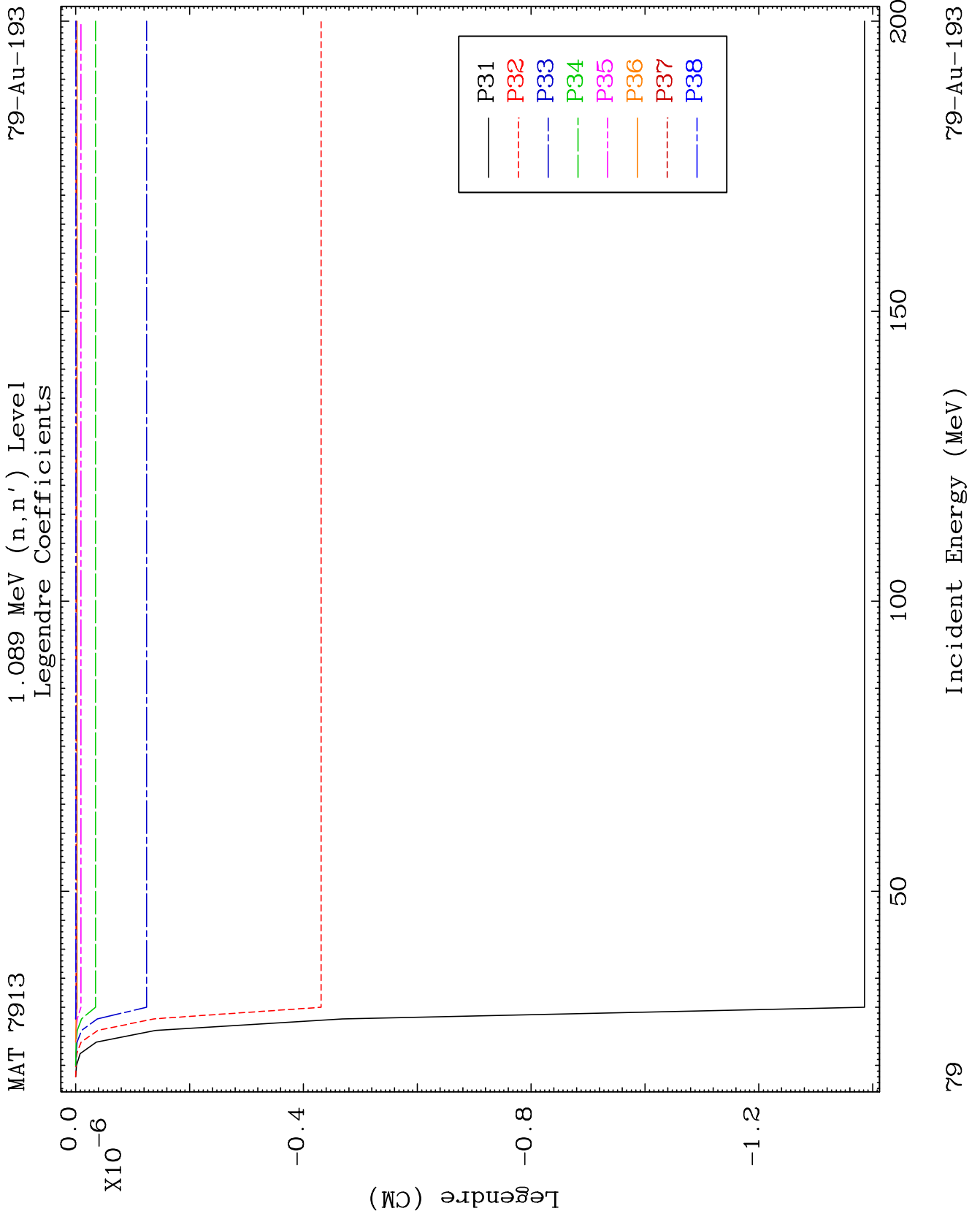
79-Au-193



78

Incident Energy (MeV)

79-Au-193

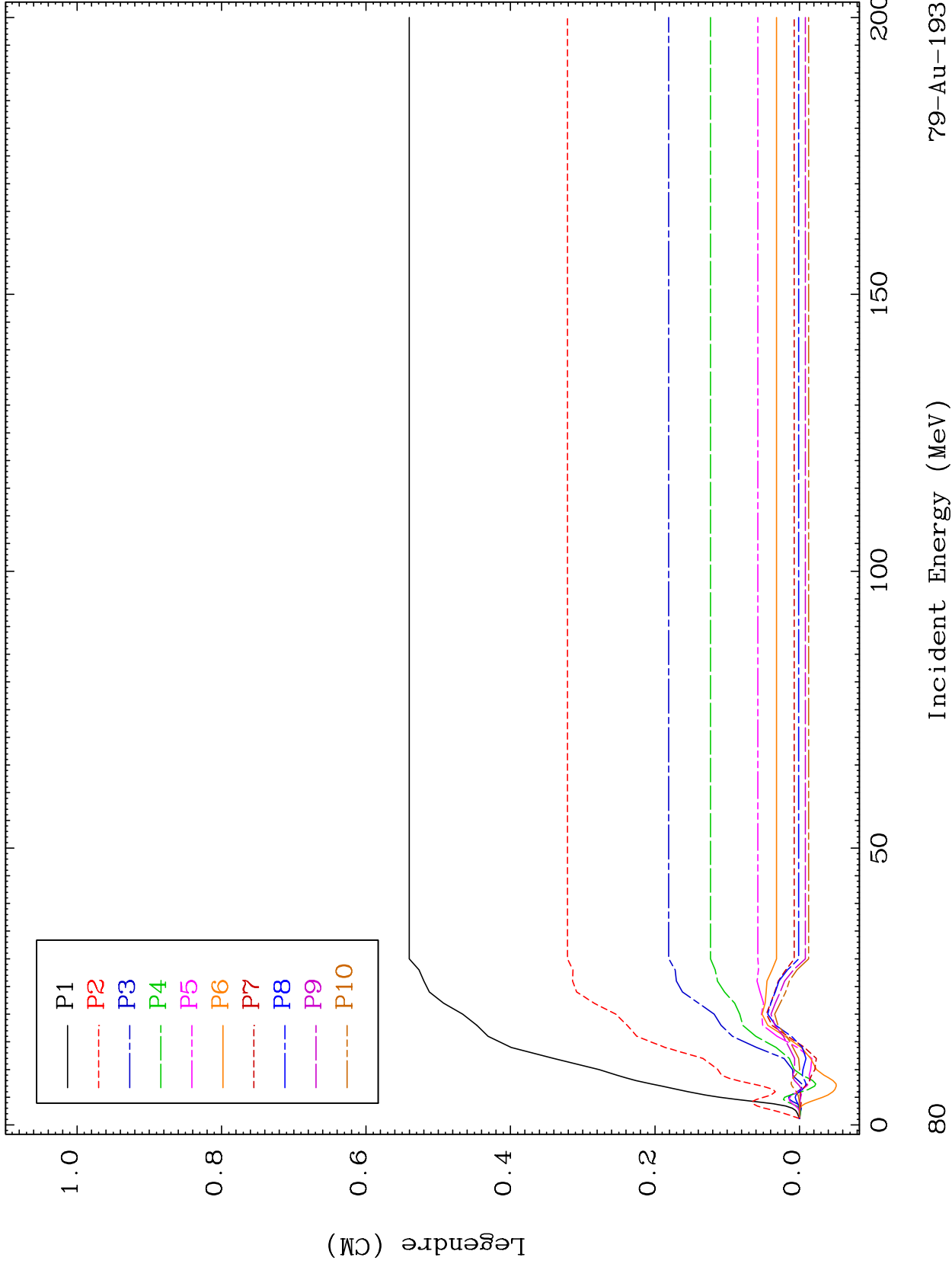




MAT 7913

1.119 MeV (n,n') Level  
Legendre Coefficients

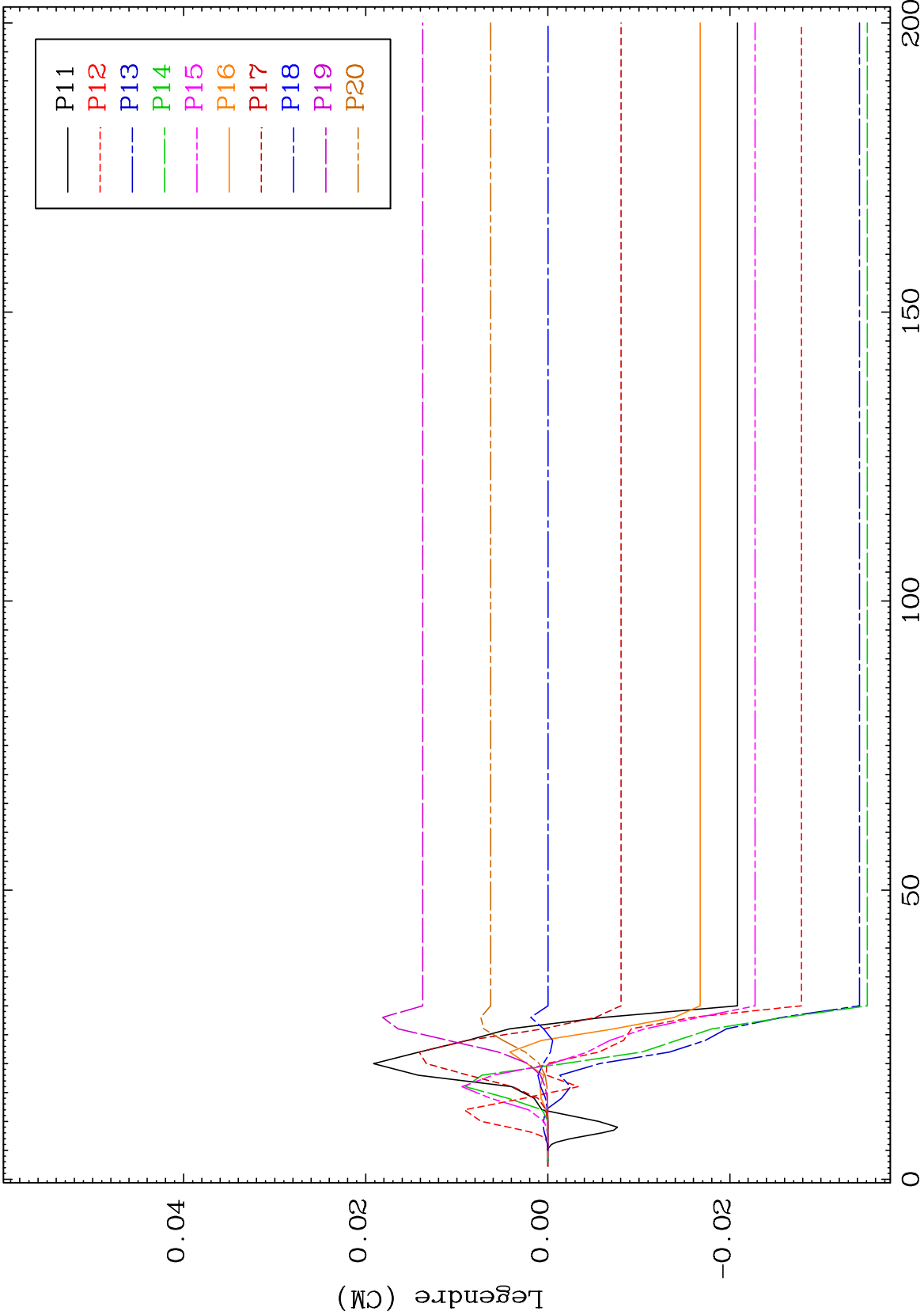
79-Au-193

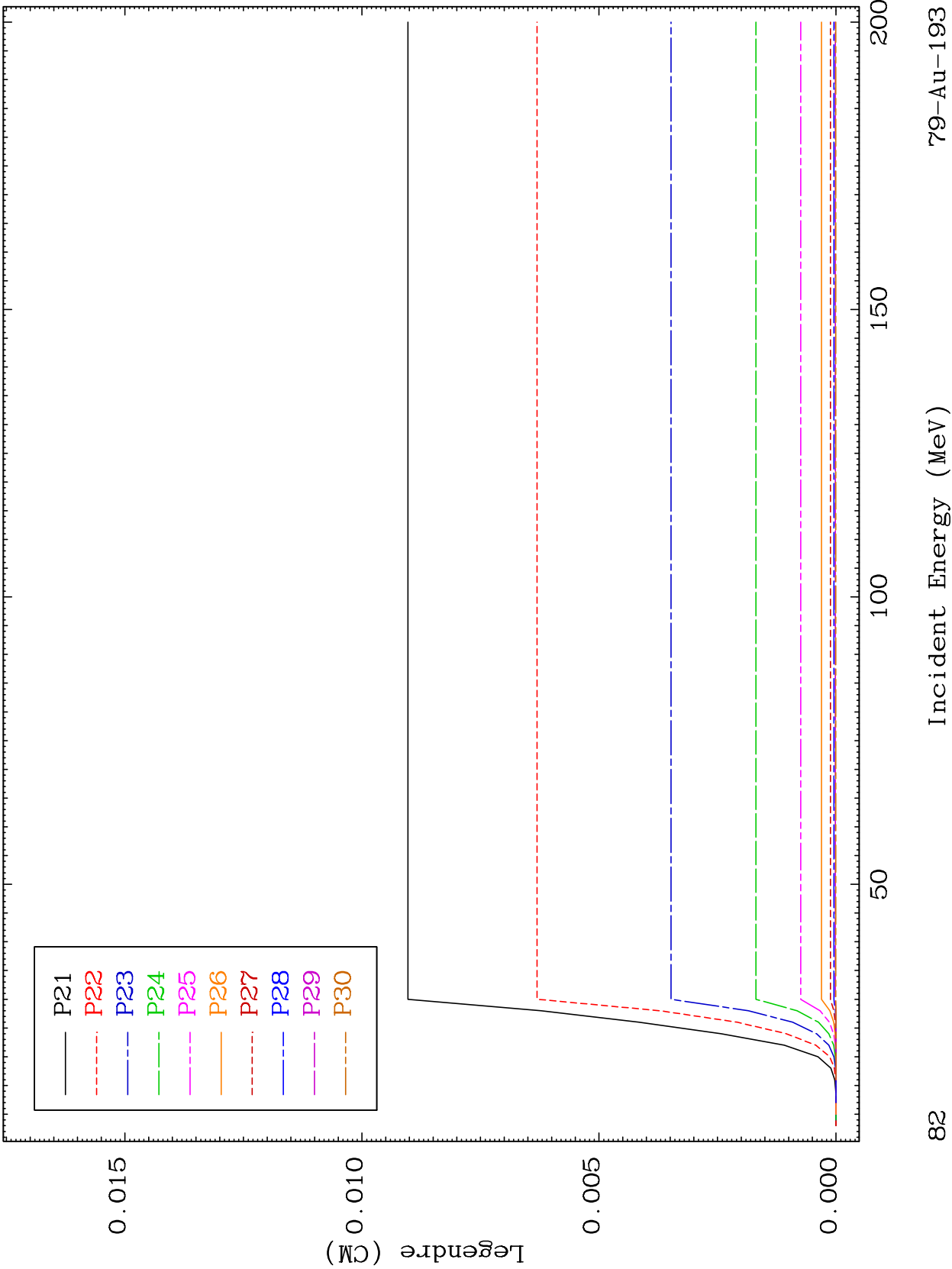


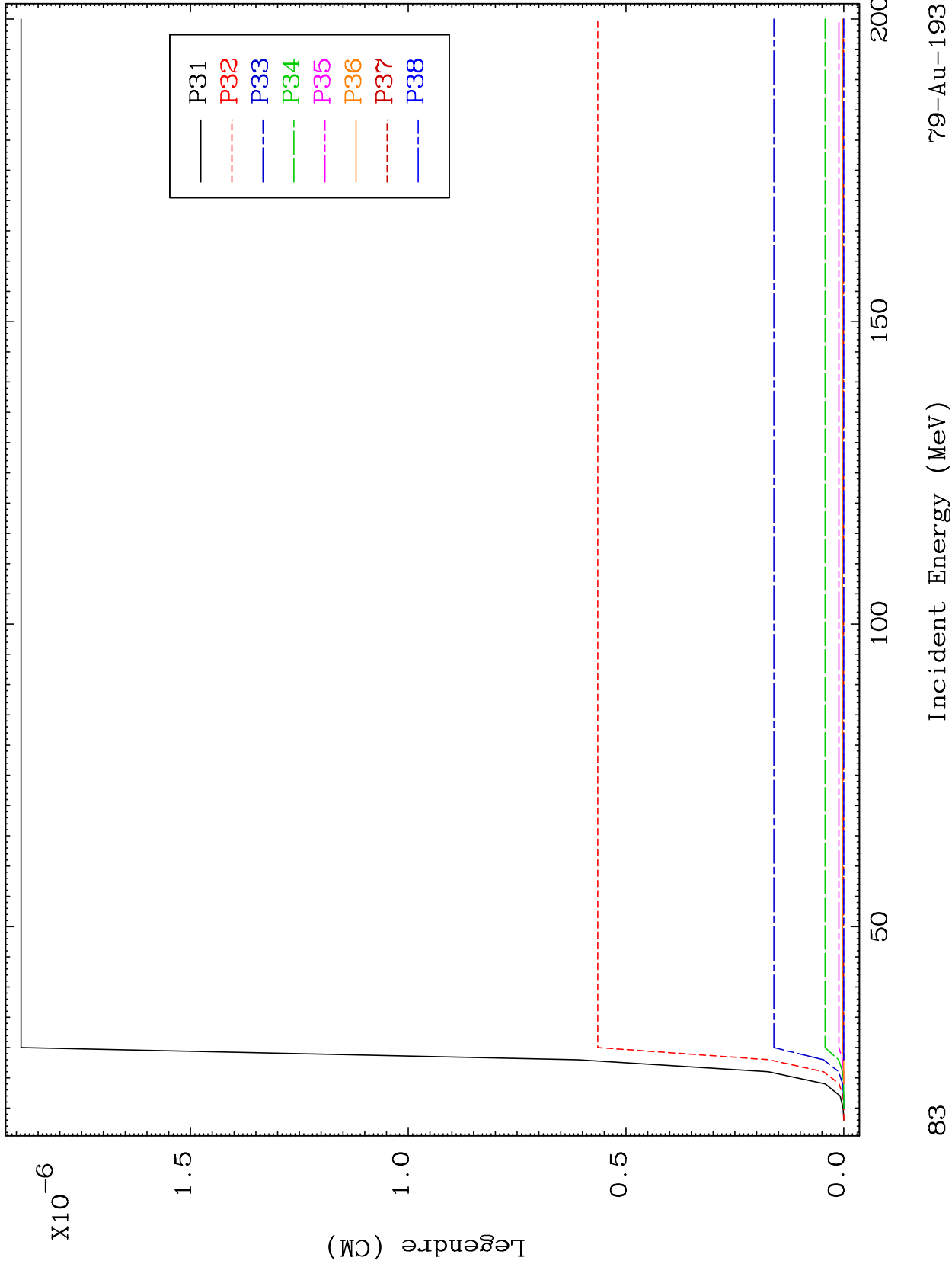
79-Au-193

Incident Energy (MeV)

80



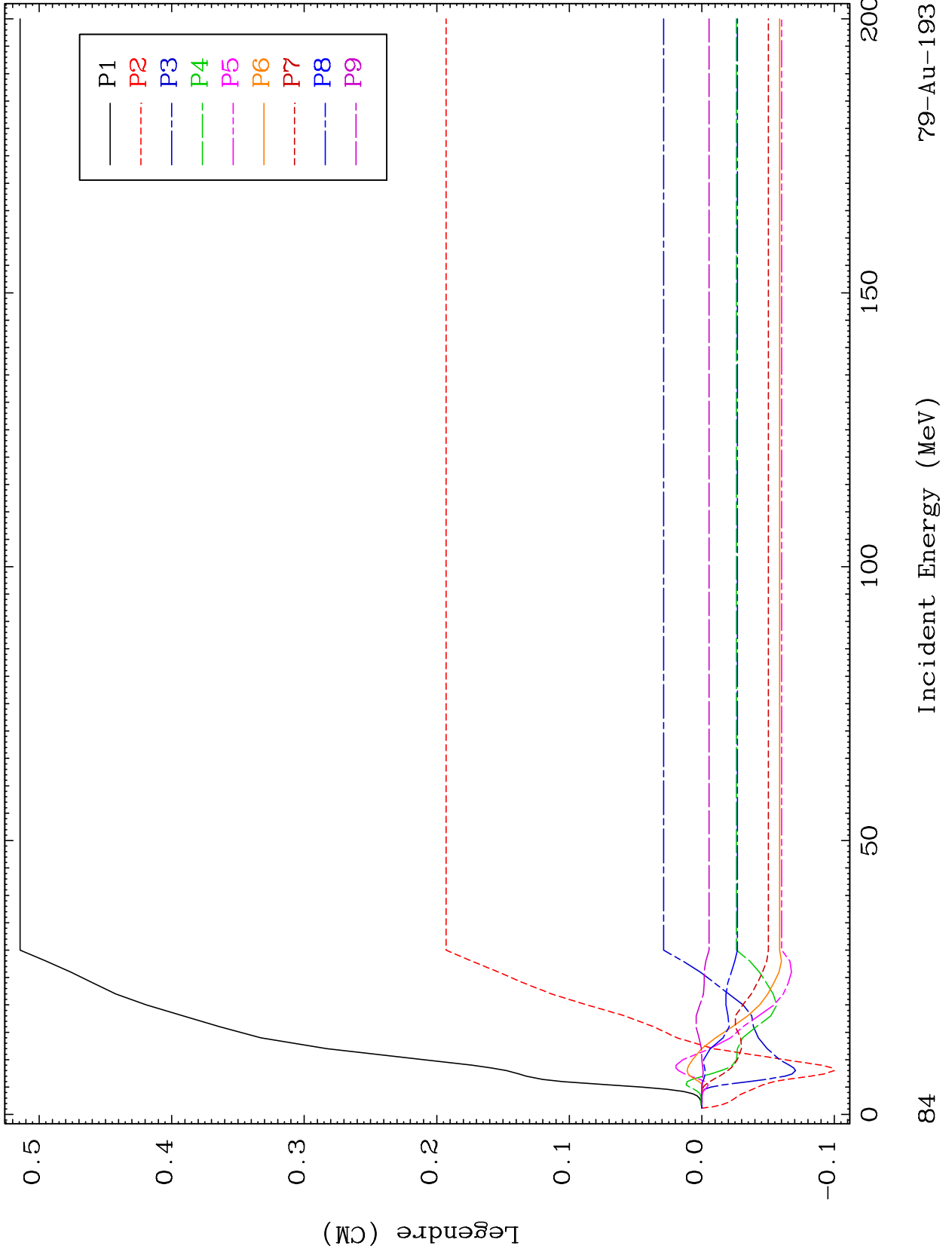




MAT 7913

1.132 MeV (n,n') Level  
Legendre Coefficients

79-Au-193



84

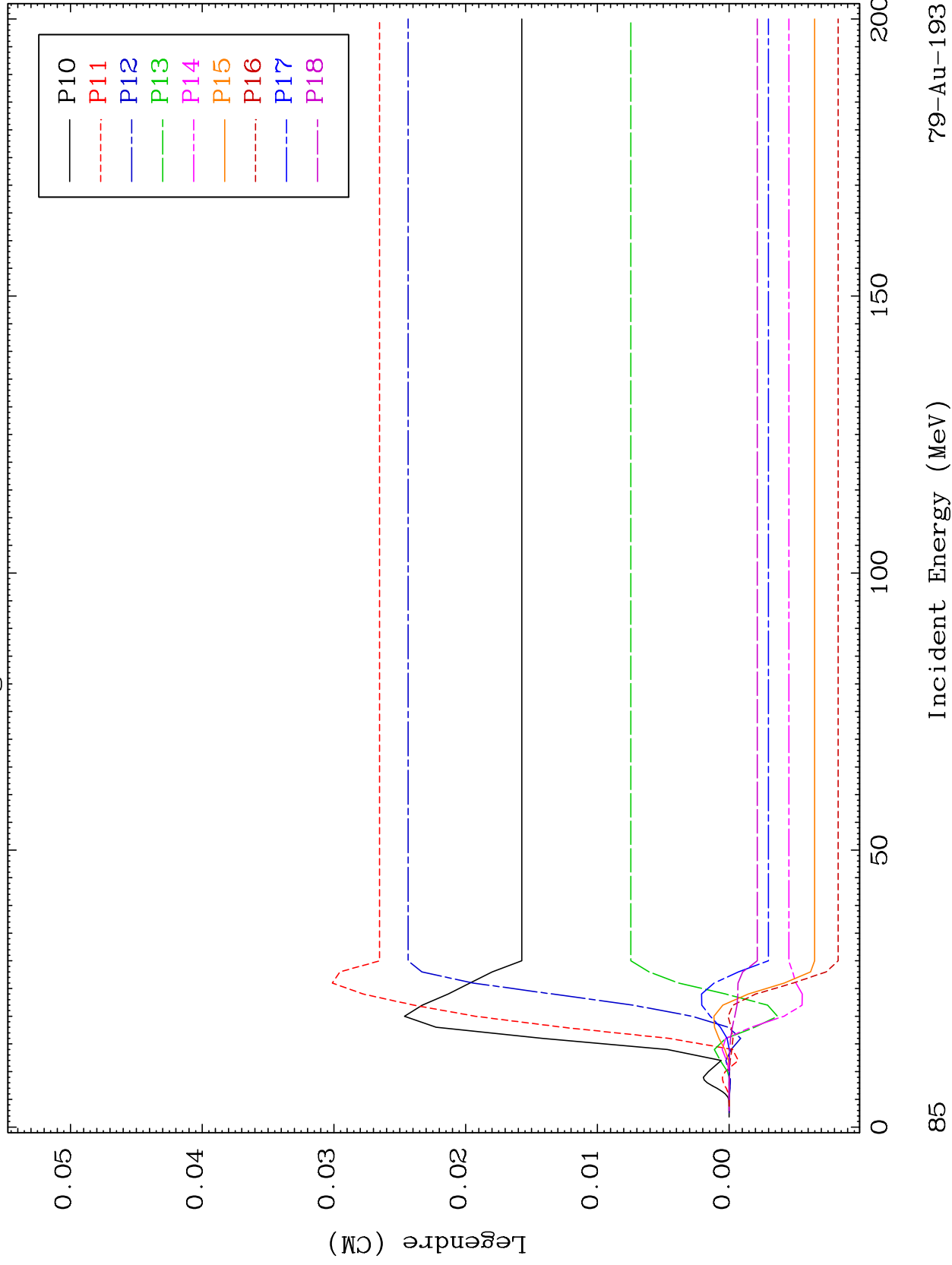
Incident Energy (MeV)

79-Au-193

MAT 7913

1.132 MeV (n,n') Level  
Legendre Coefficients

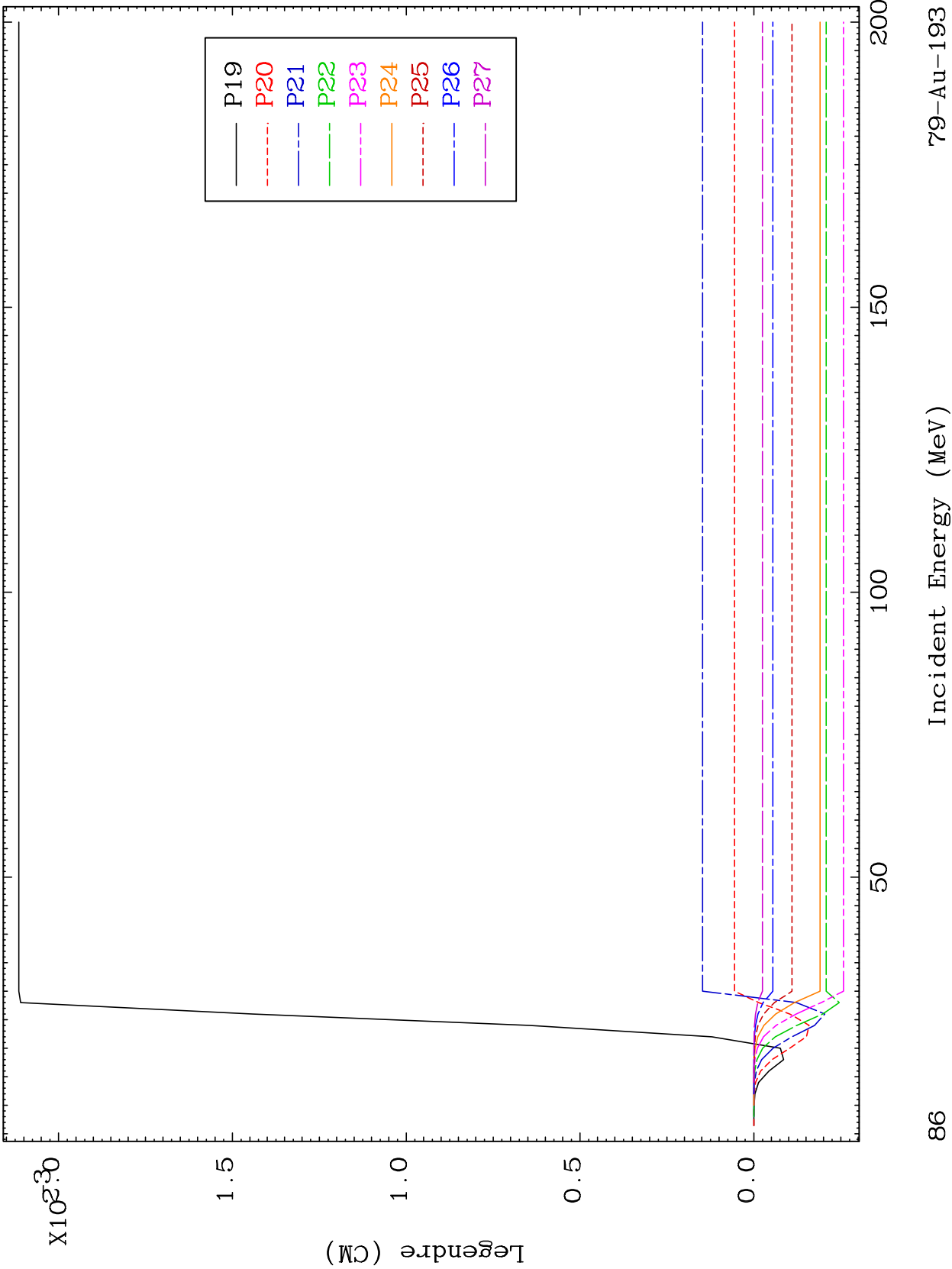
79-Au-193

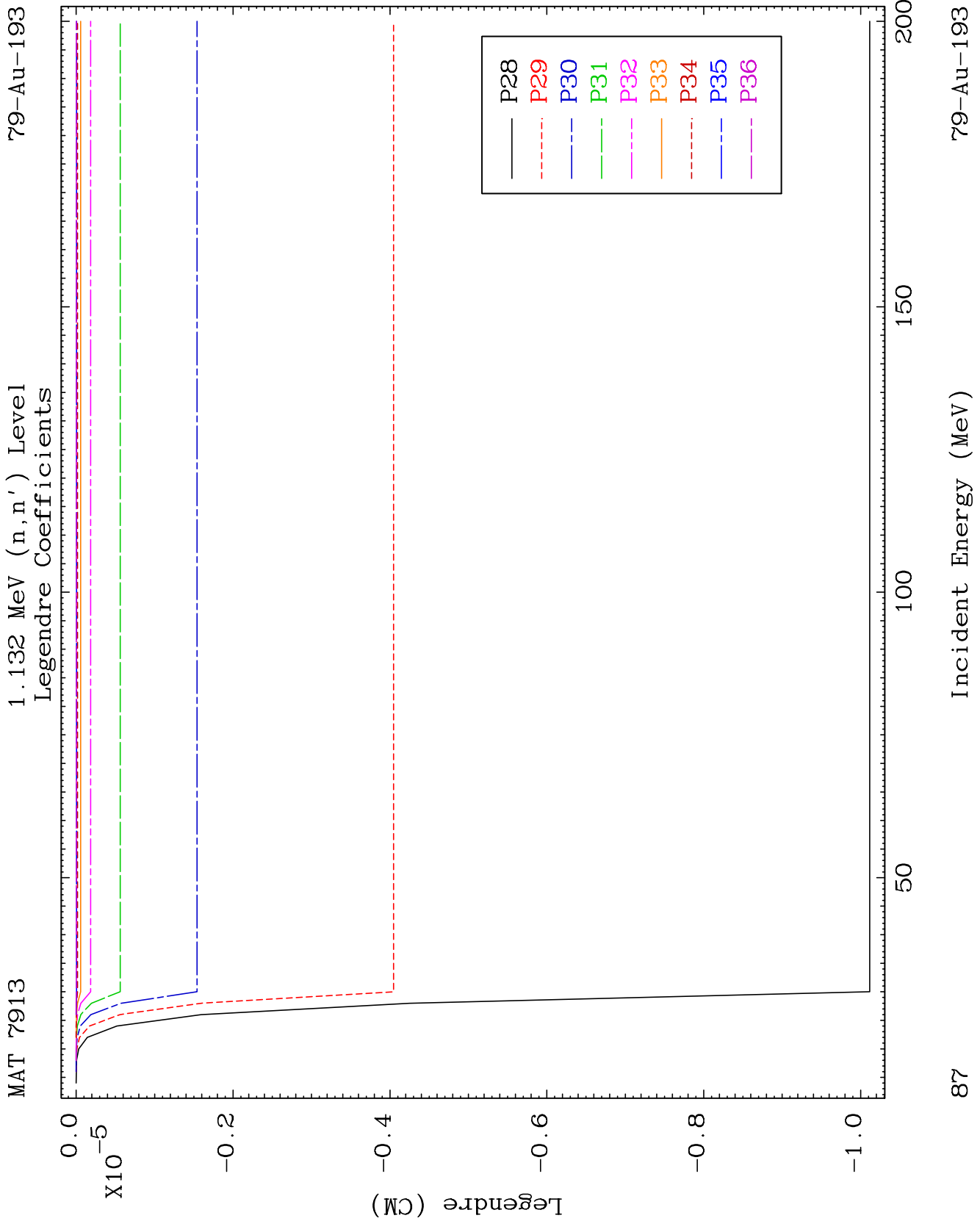


79-Au-193

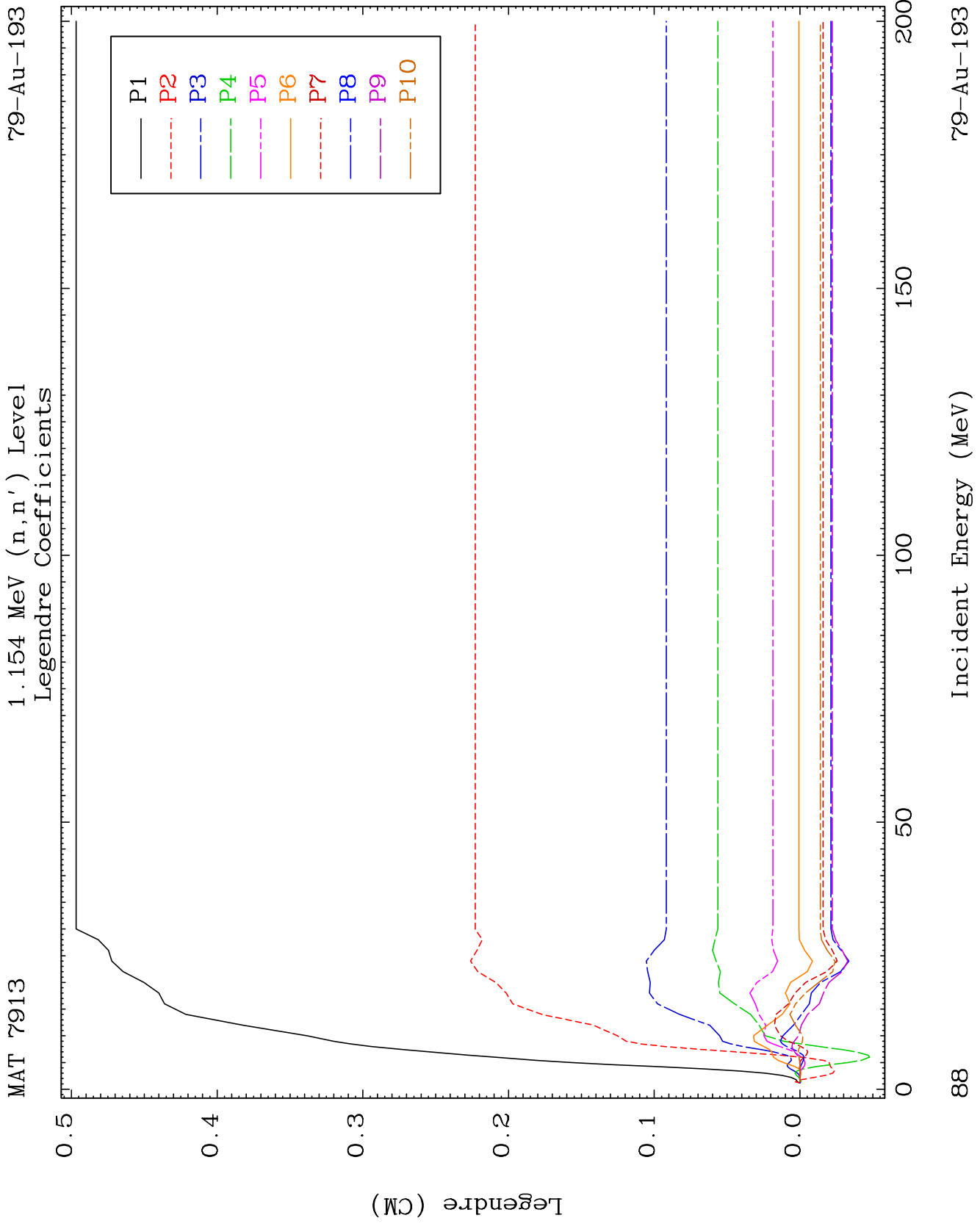
Incident Energy (MeV)

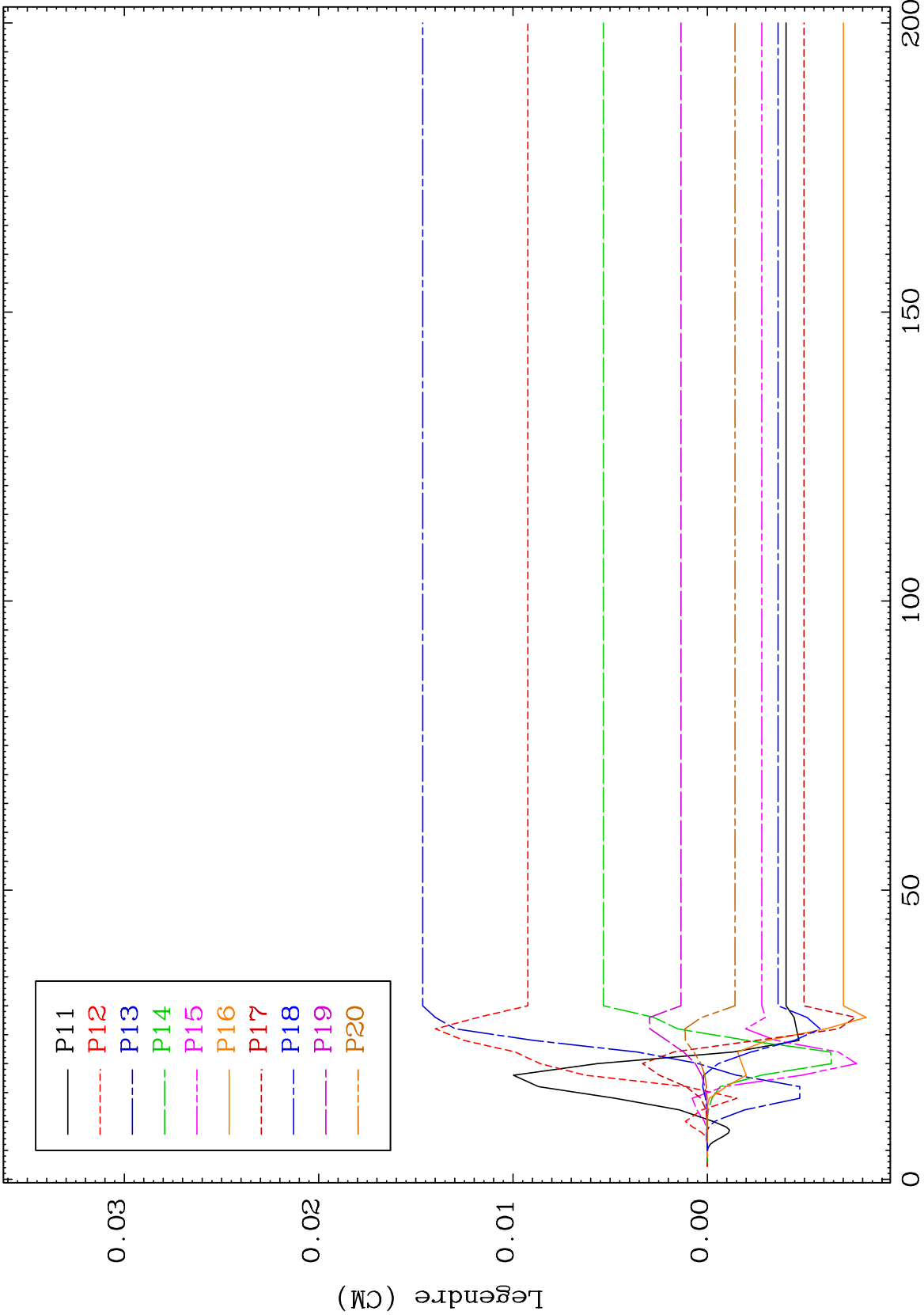
85







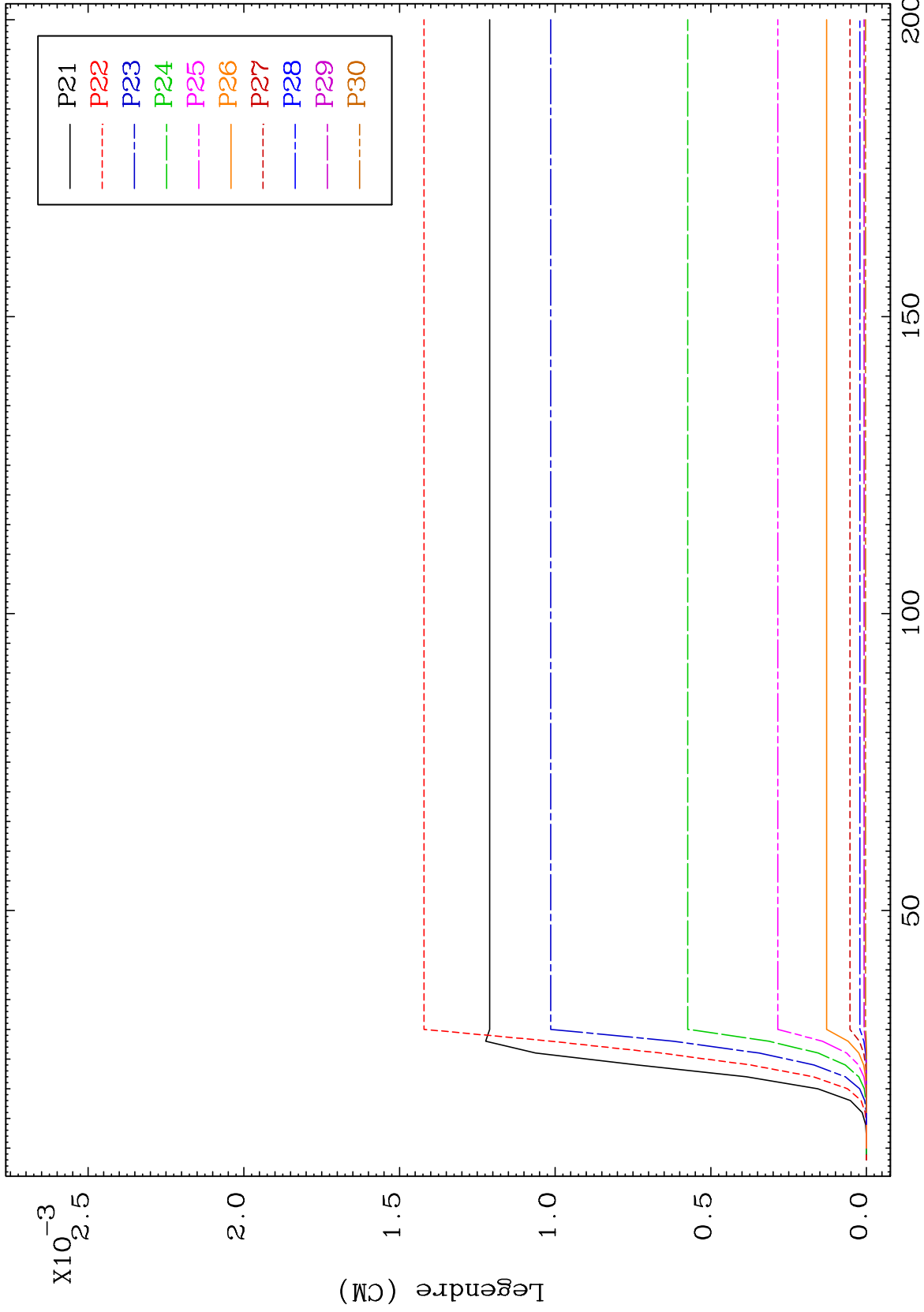




MAT 7913

1.154 MeV (n,n') Level  
Legendre Coefficients

79-Au-193



90

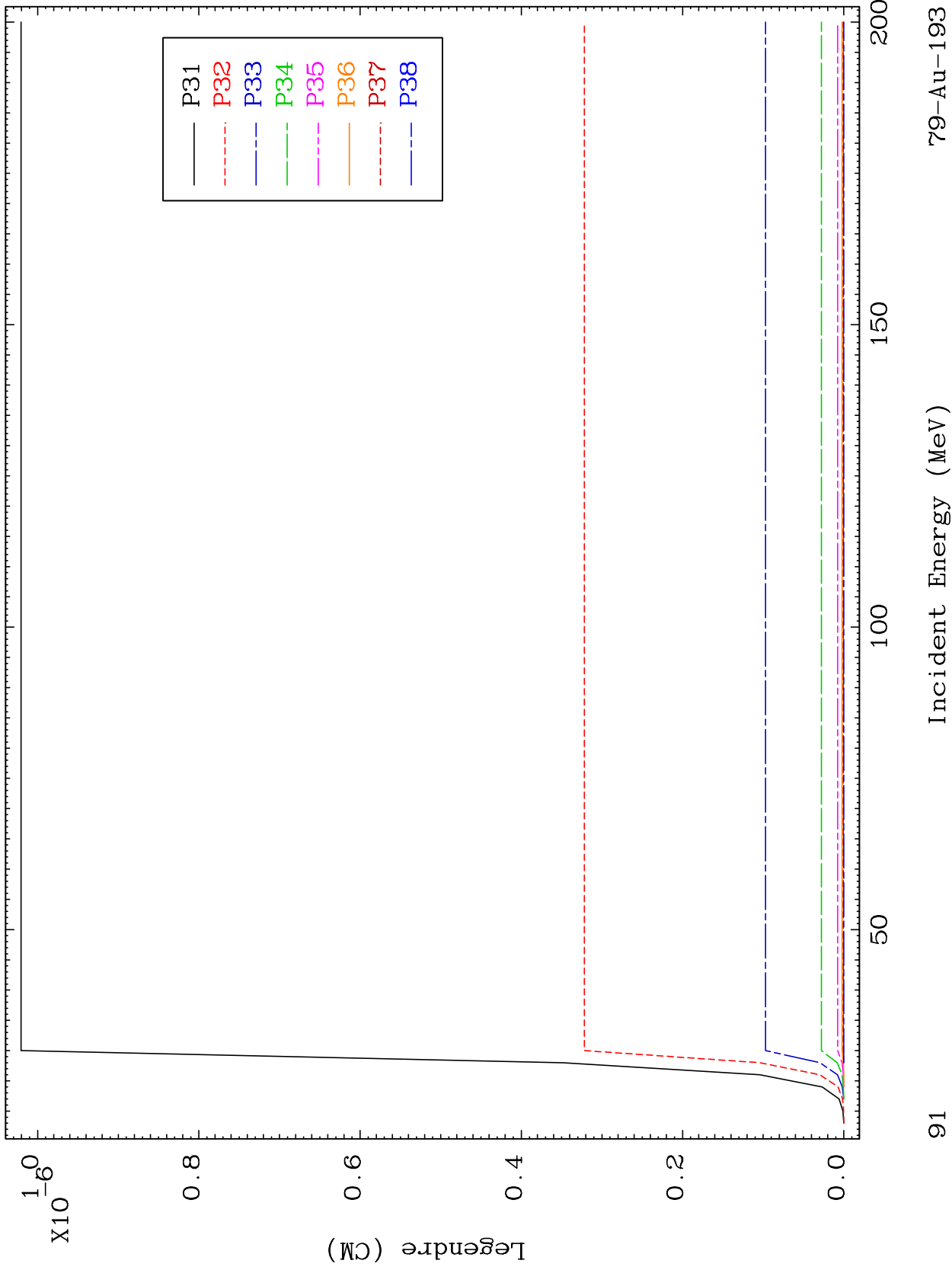
Incident Energy (MeV)

79-Au-193

MAT 7913

1.154 MeV (n, n') Level  
Legendre Coefficients

79-Au-193



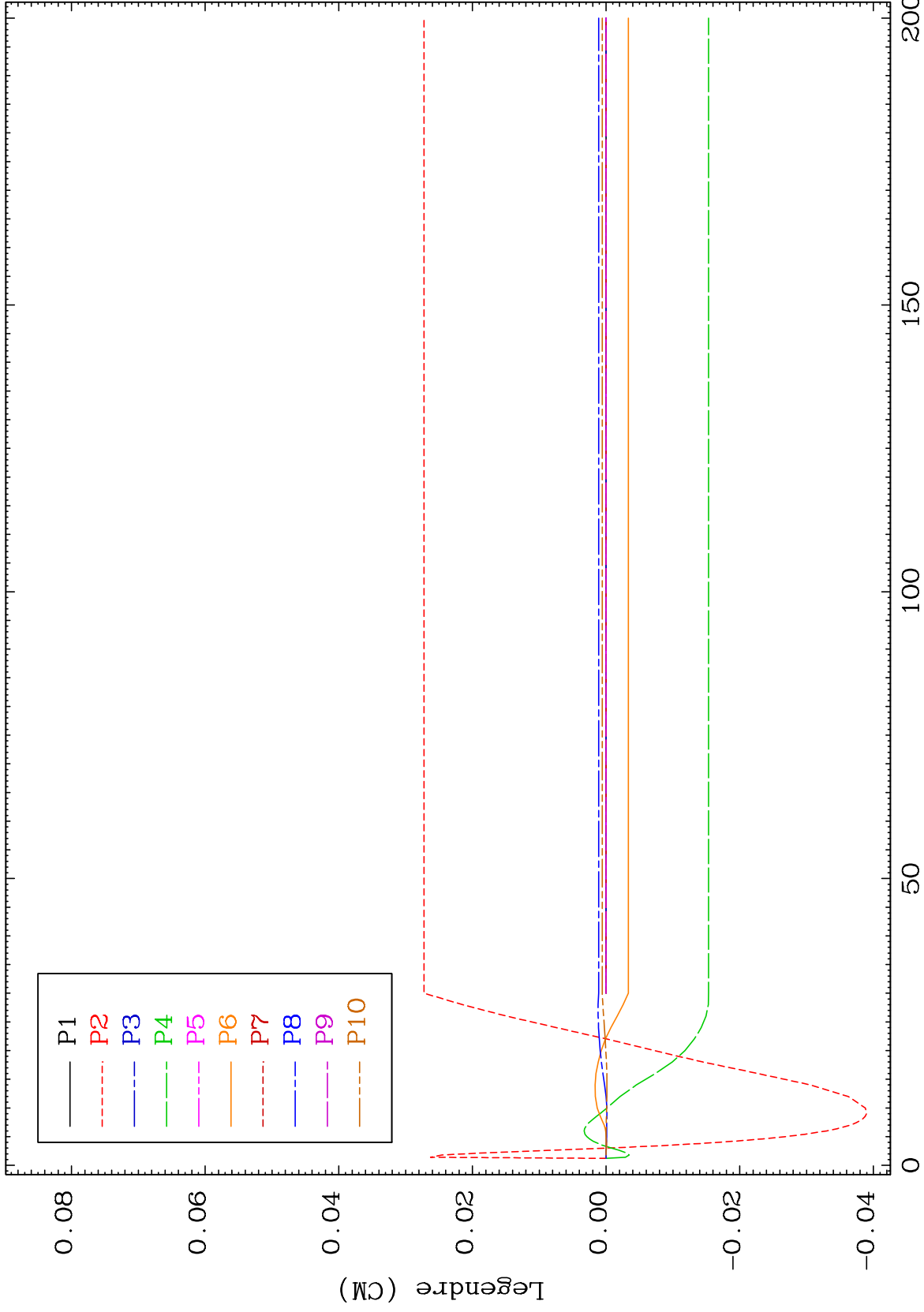
91

79-Au-193

MAT 7913

1.194 MeV (n,n') Level  
Legendre Coefficients

79-Au-193



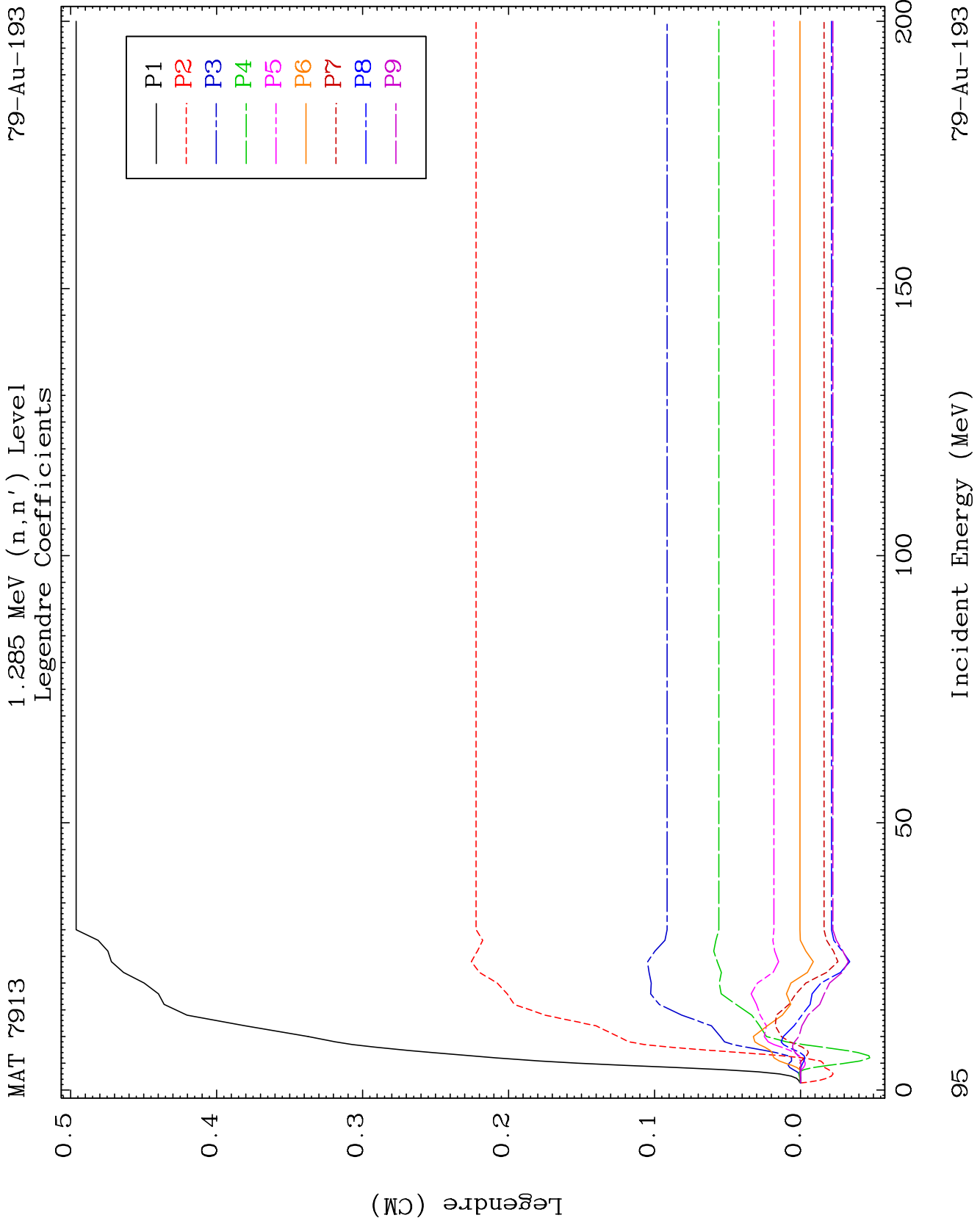
92

Incident Energy (MeV)

79-Au-193





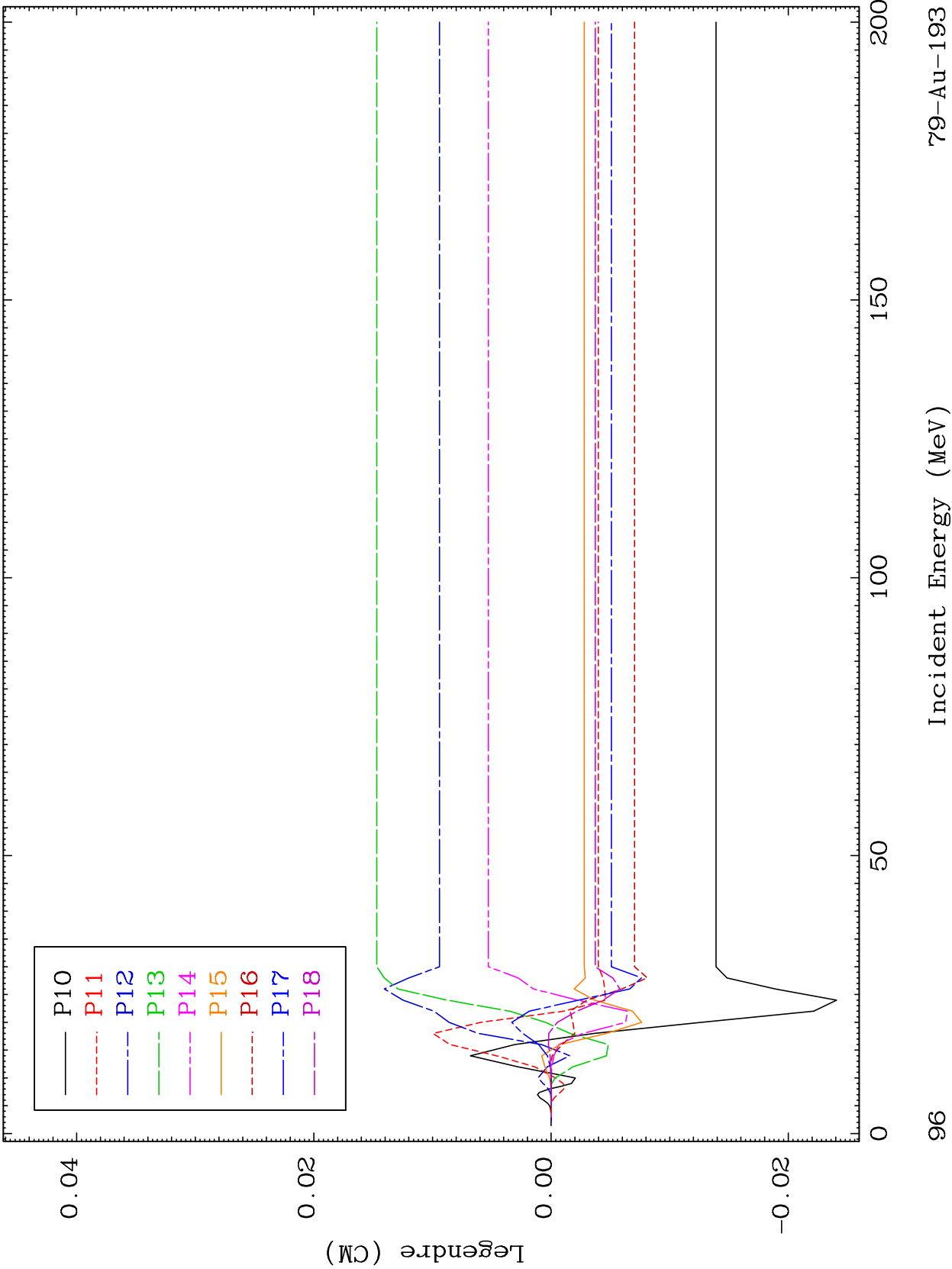




MAT 7913

1.285 MeV (n,n') Level Legendre Coefficients

79-Au-193



96

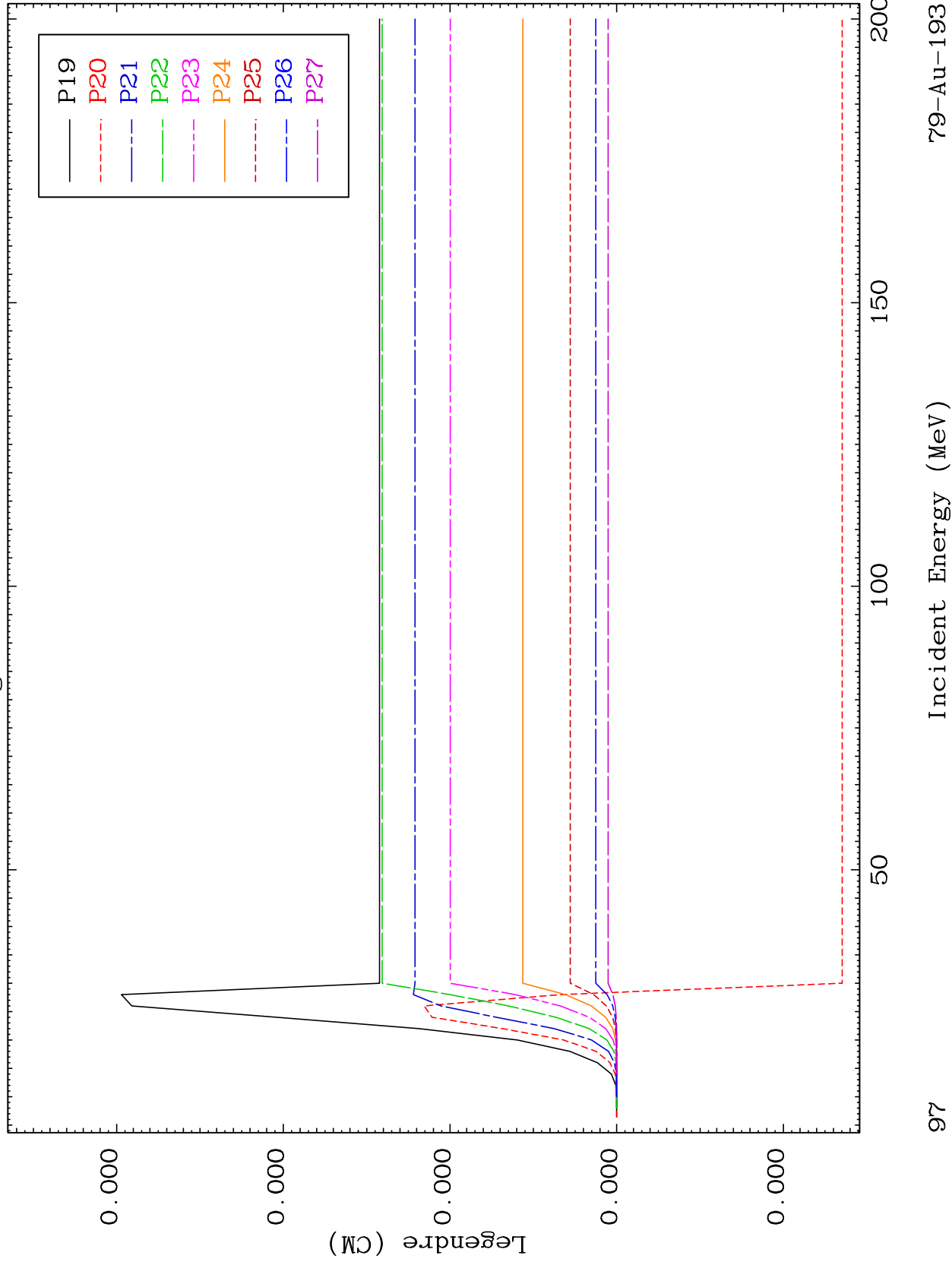
Incident Energy (MeV)

79-Au-193

MAT 7913

1.285 MeV (n,n') Level  
Legendre Coefficients

79-Au-193



97

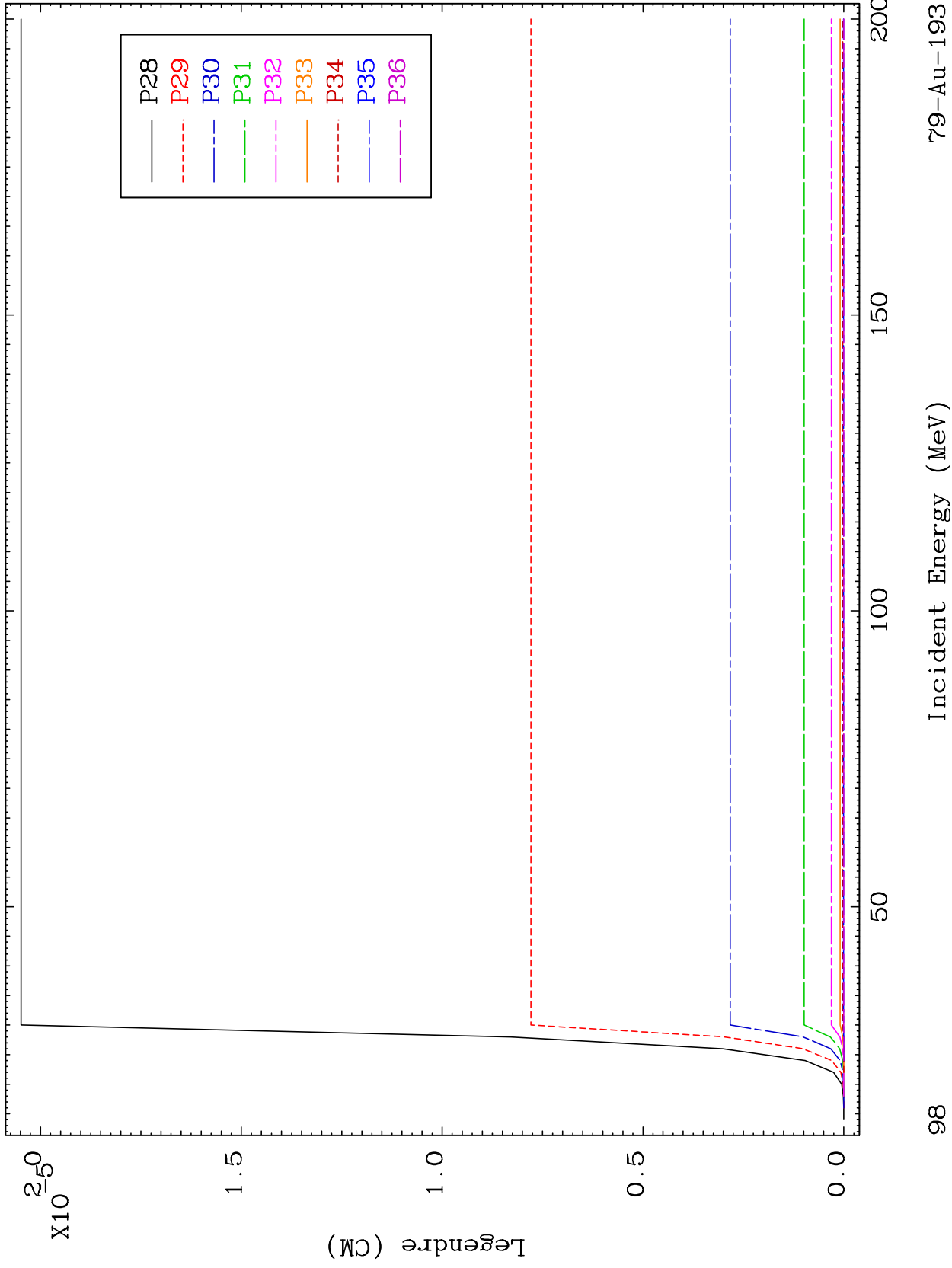
Incident Energy (MeV)

79-Au-193

MAT 7913

1.285 MeV (n,n') Level  
Legendre Coefficients

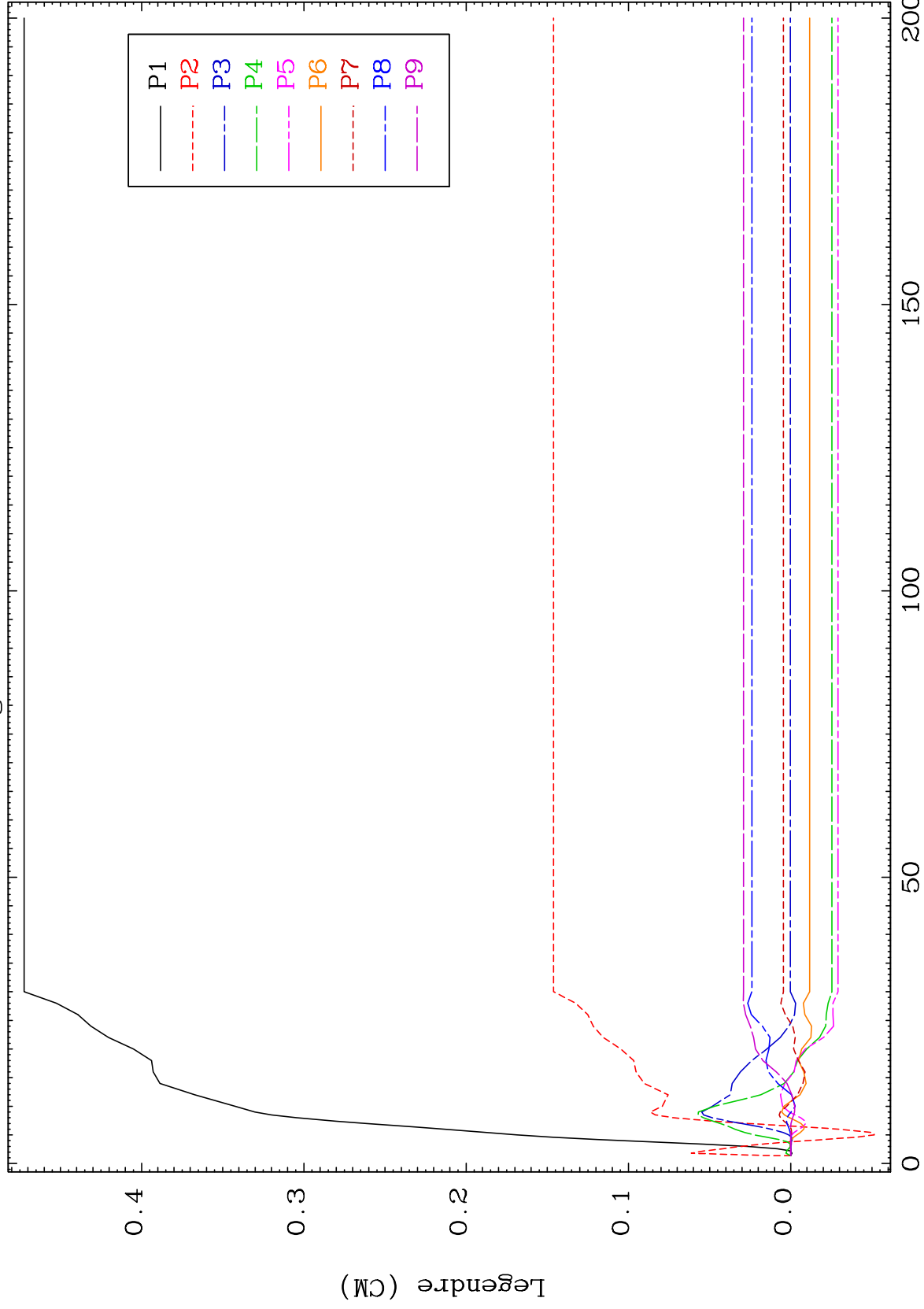
79-Au-193



MAT 7913

1.355 MeV (n,n') Level  
Legendre Coefficients

79-Au-193

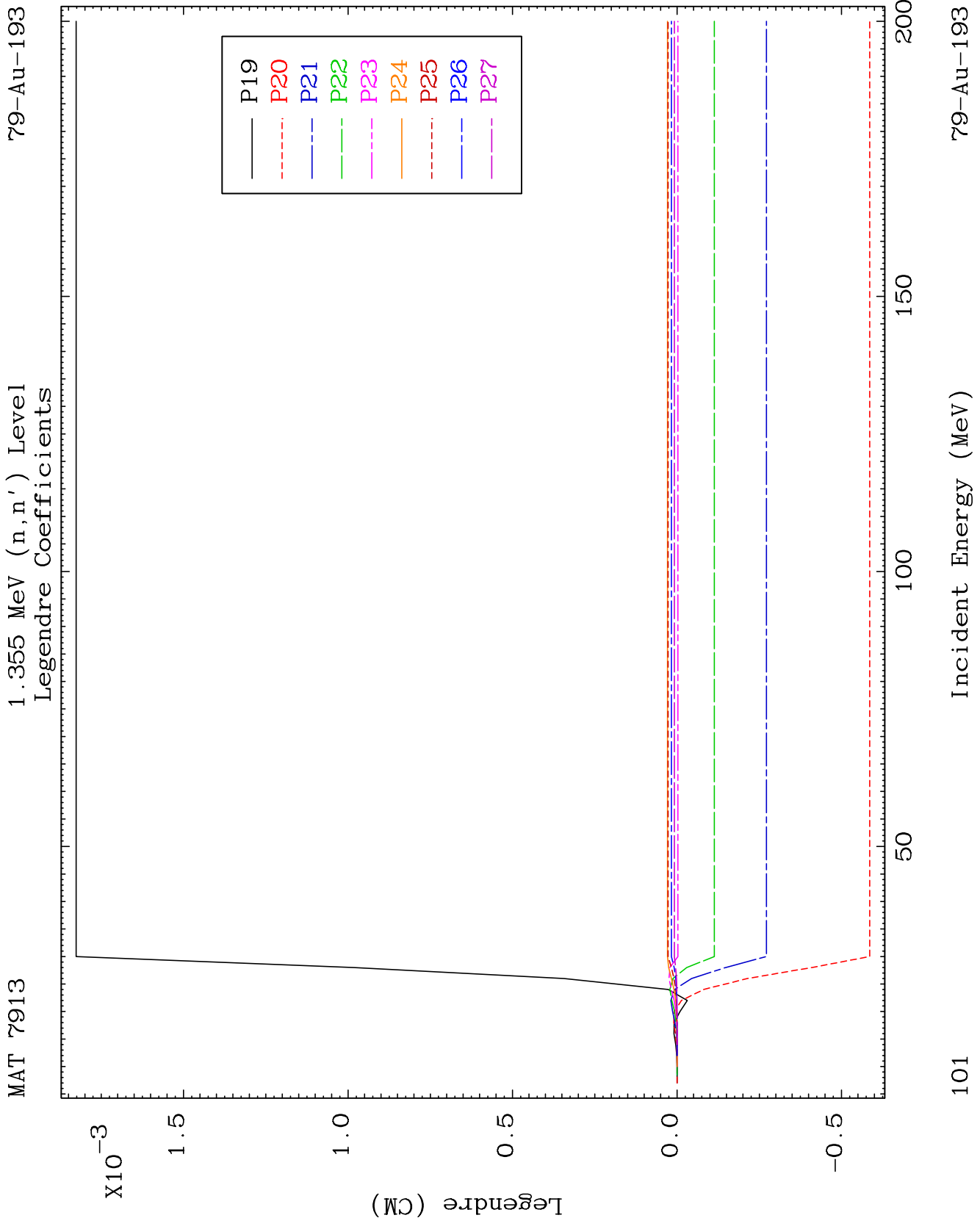


99

Incident Energy (MeV)

79-Au-193

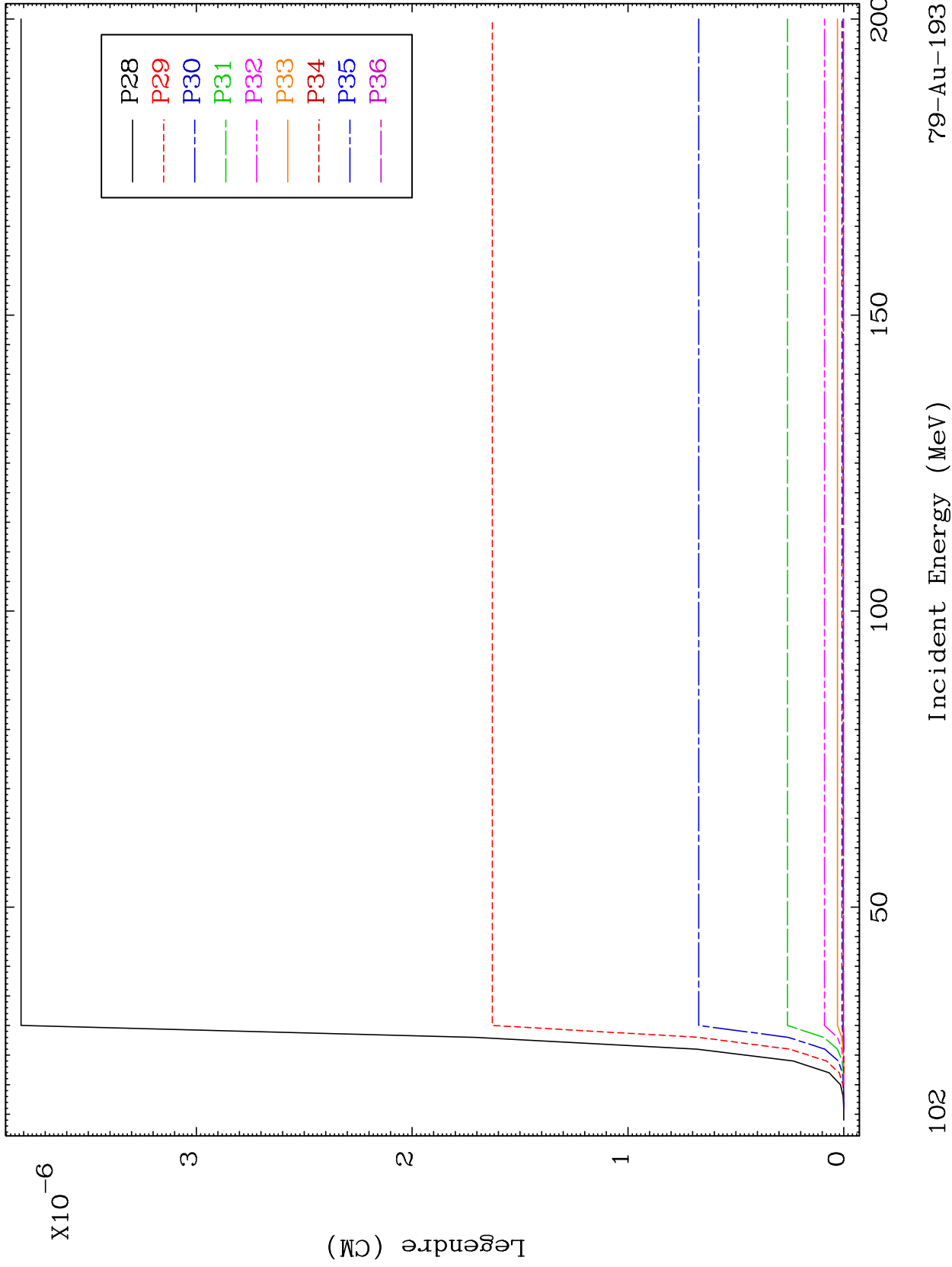




MAT 7913

1.355 MeV (n,n') Level  
Legendre Coefficients

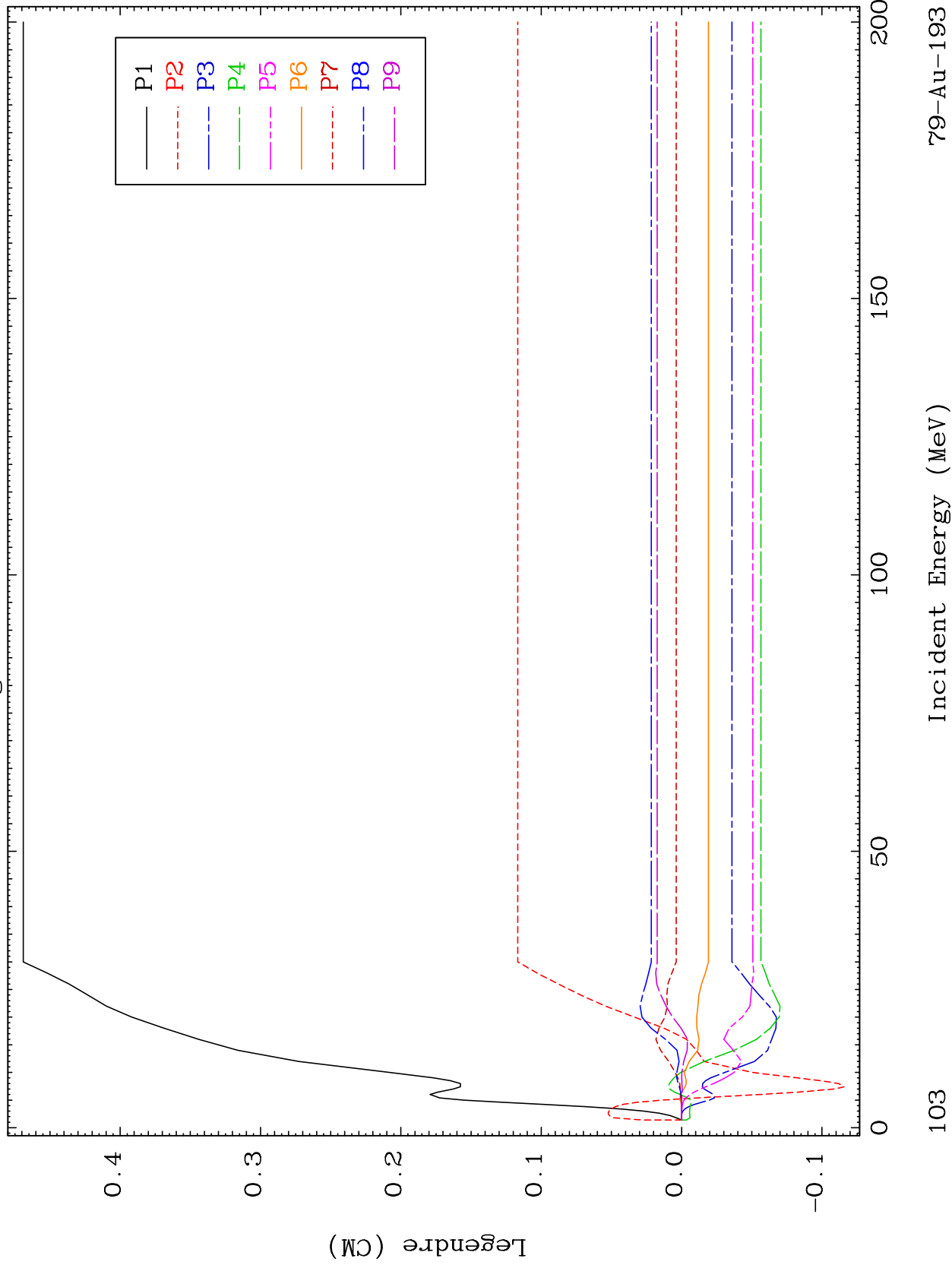
79-Au-193



MAT 7913

1.373 MeV (n,n') Level  
Legendre Coefficients

79-Au-193



79-Au-193

Incident Energy (MeV)

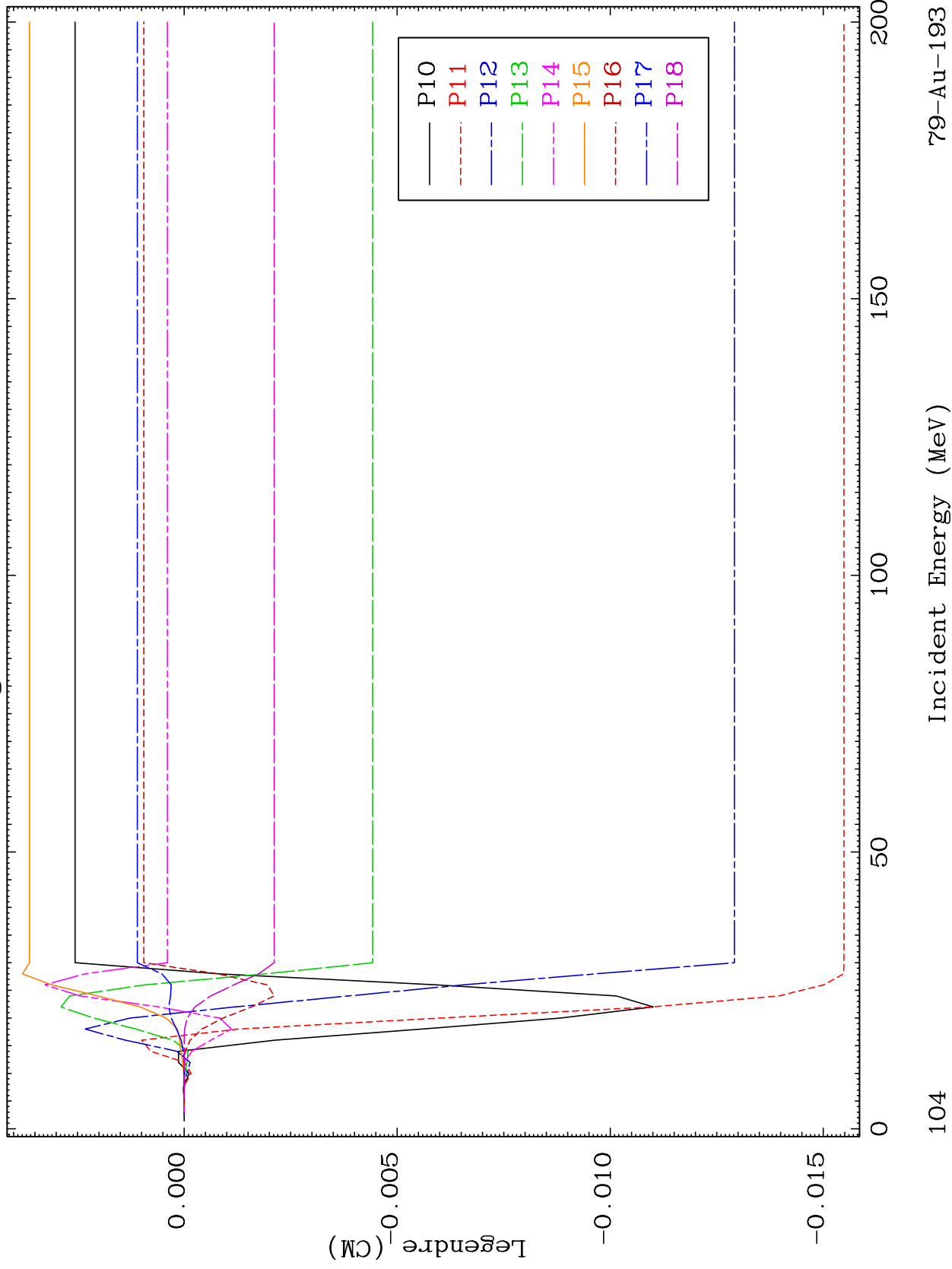
103



MAT 7913

1.373 MeV (n,n') Level  
Legendre Coefficients

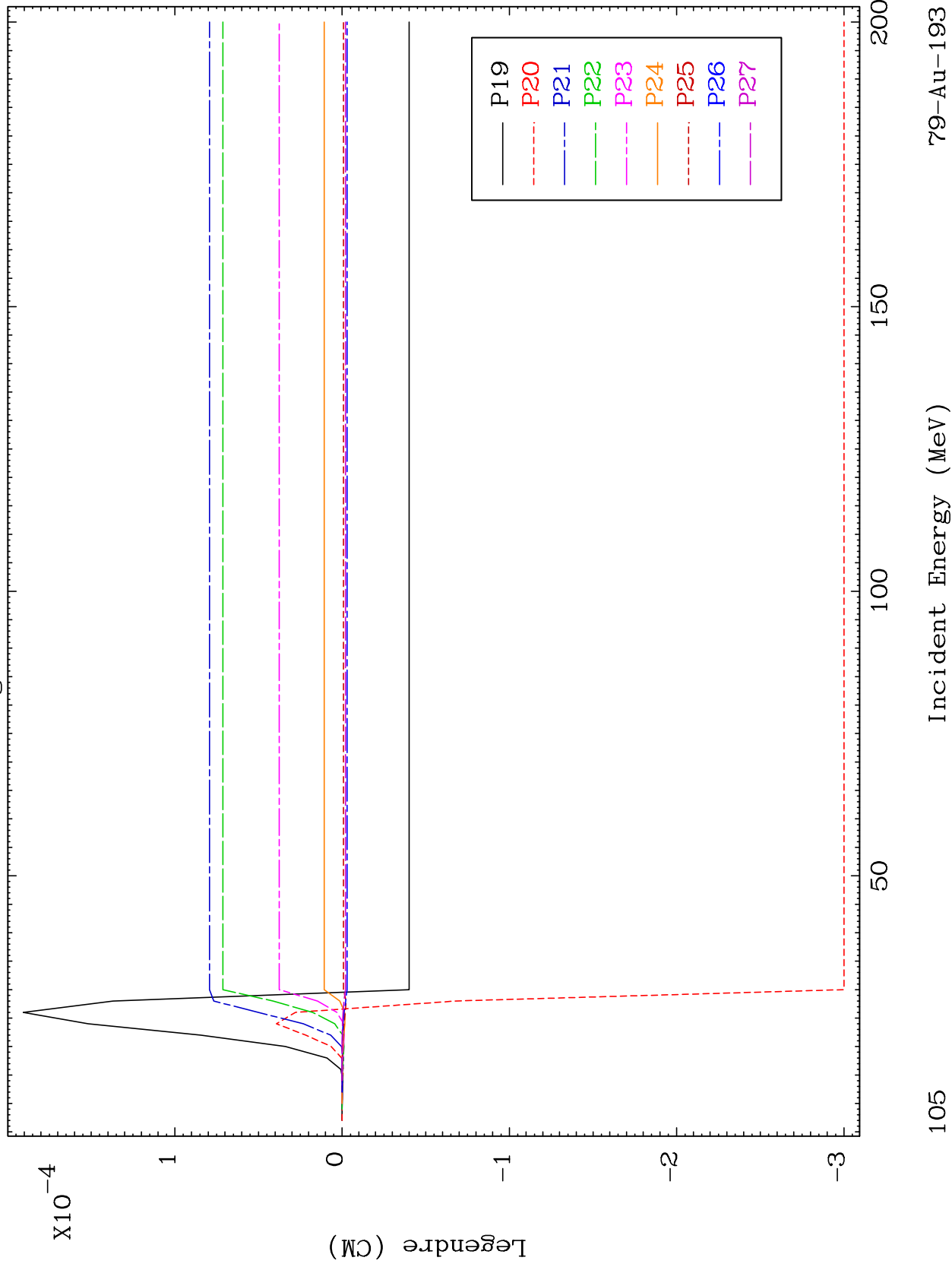
79-Au-193



MAT 7913

1.373 MeV (n,n') Level  
Legendre Coefficients

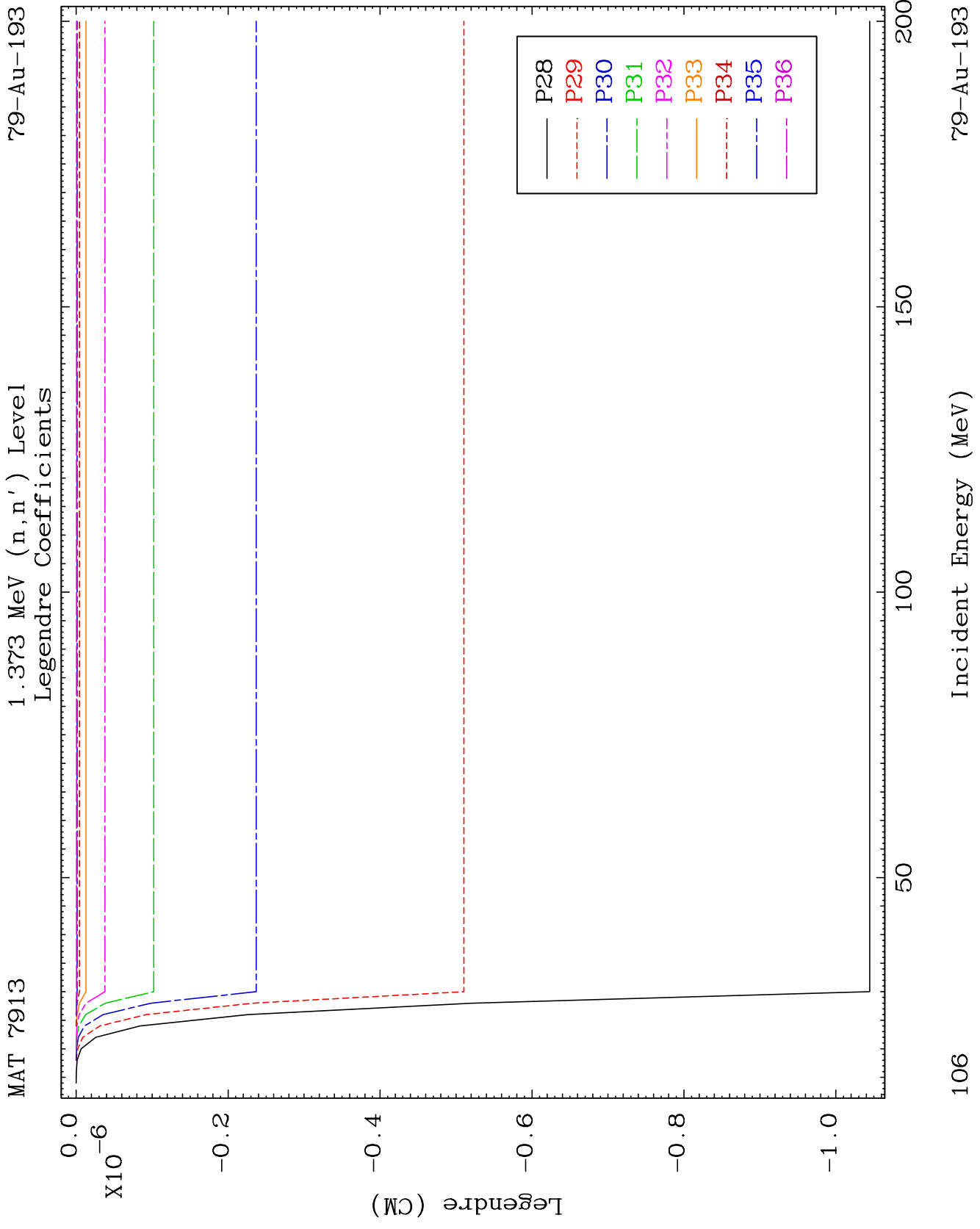
79-Au-193



105

Incident Energy (MeV)

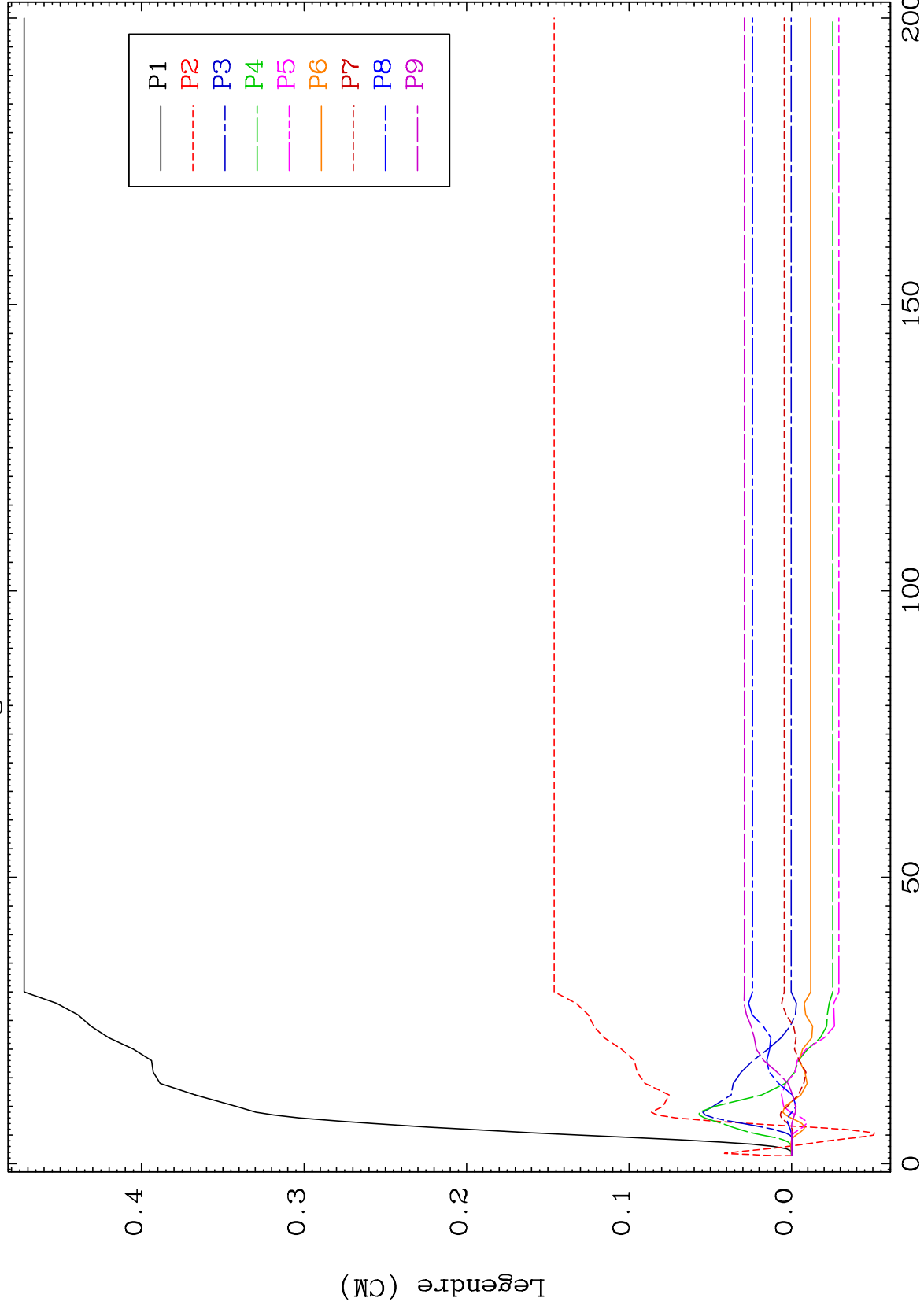
79-Au-193



MAT 7913

1.380 MeV (n,n') Level  
Legendre Coefficients

79-Au-193

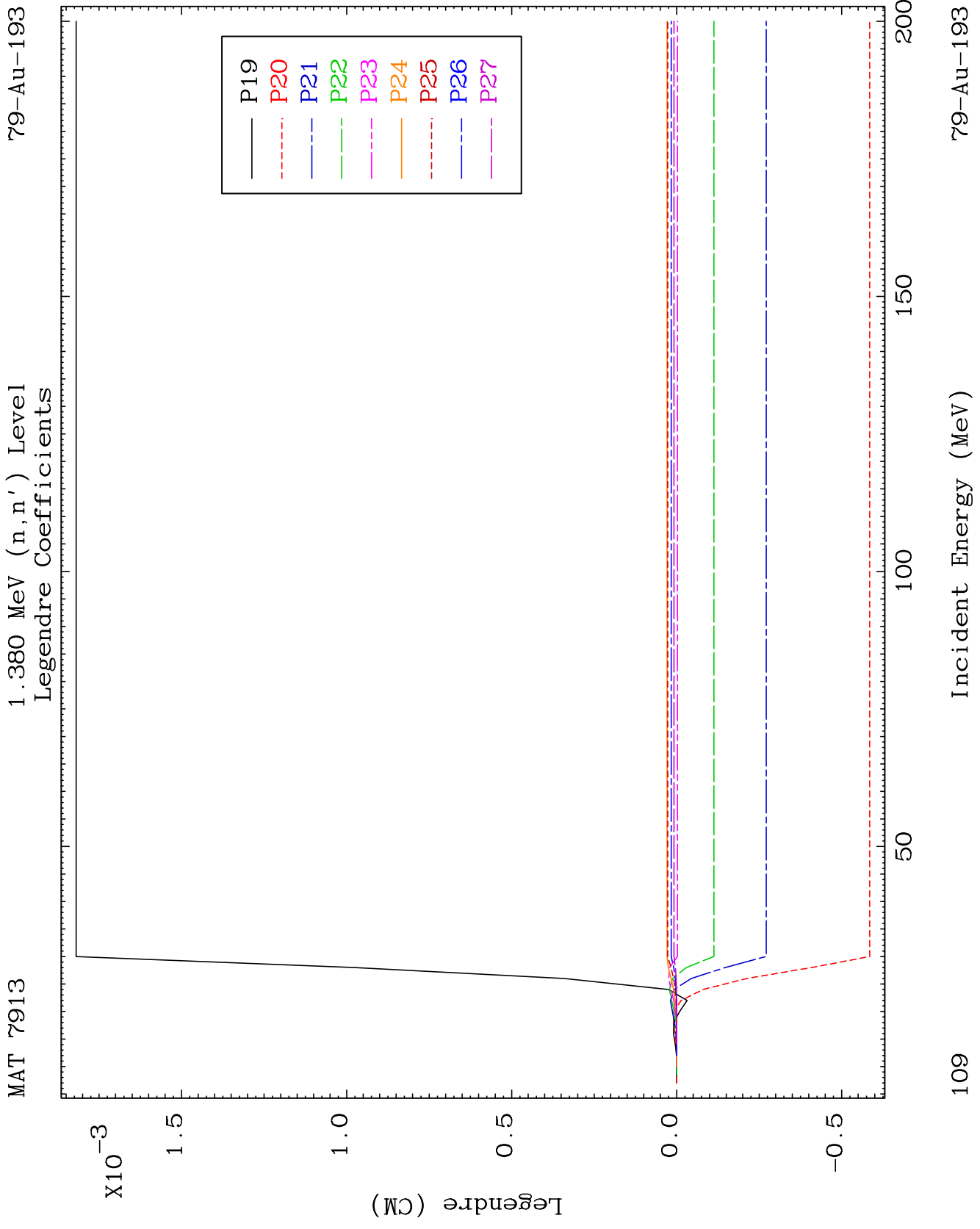


79-Au-193

Incident Energy (MeV)

107

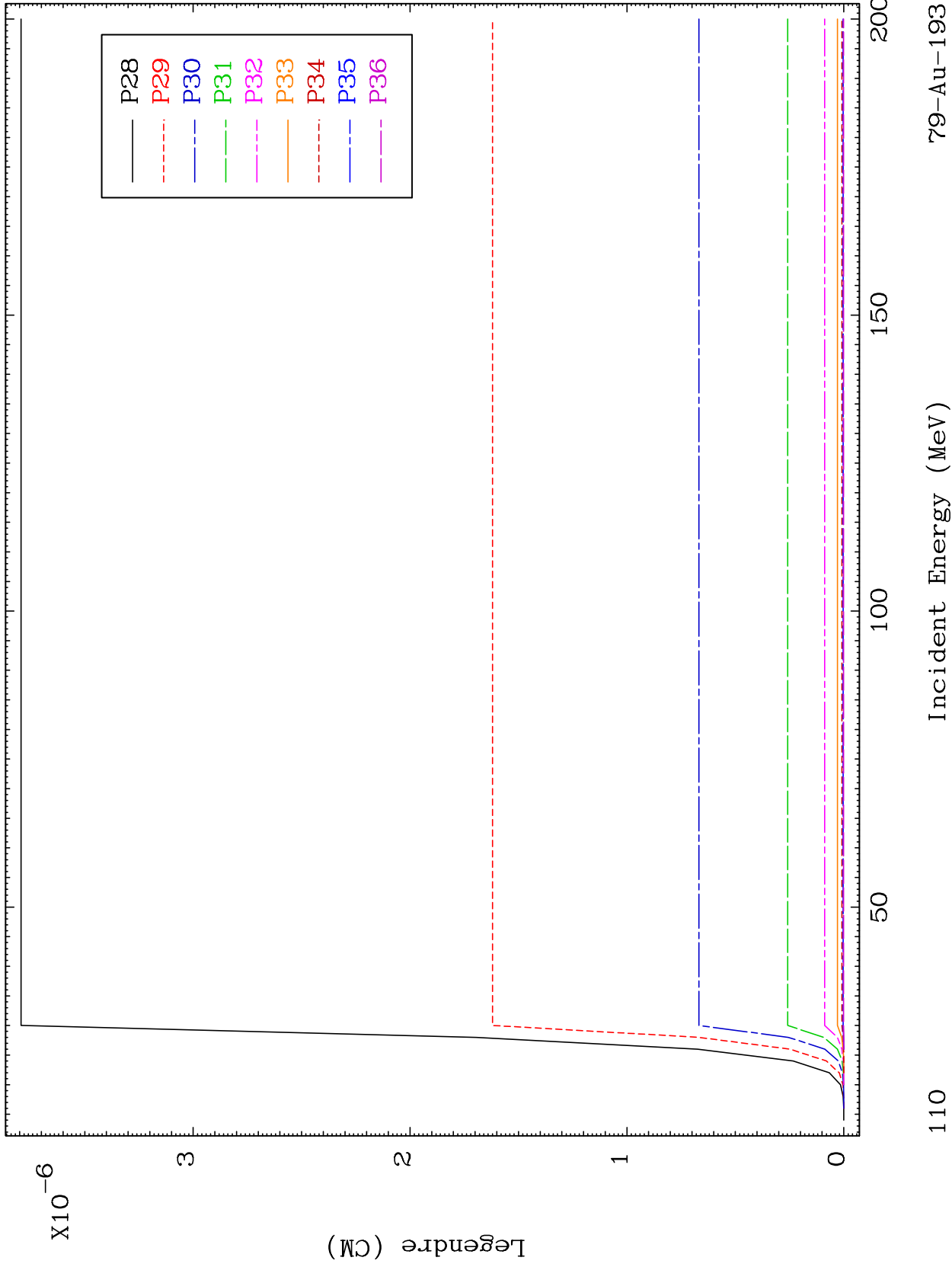




MAT 7913

1.380 MeV (n,n') Level  
Legendre Coefficients

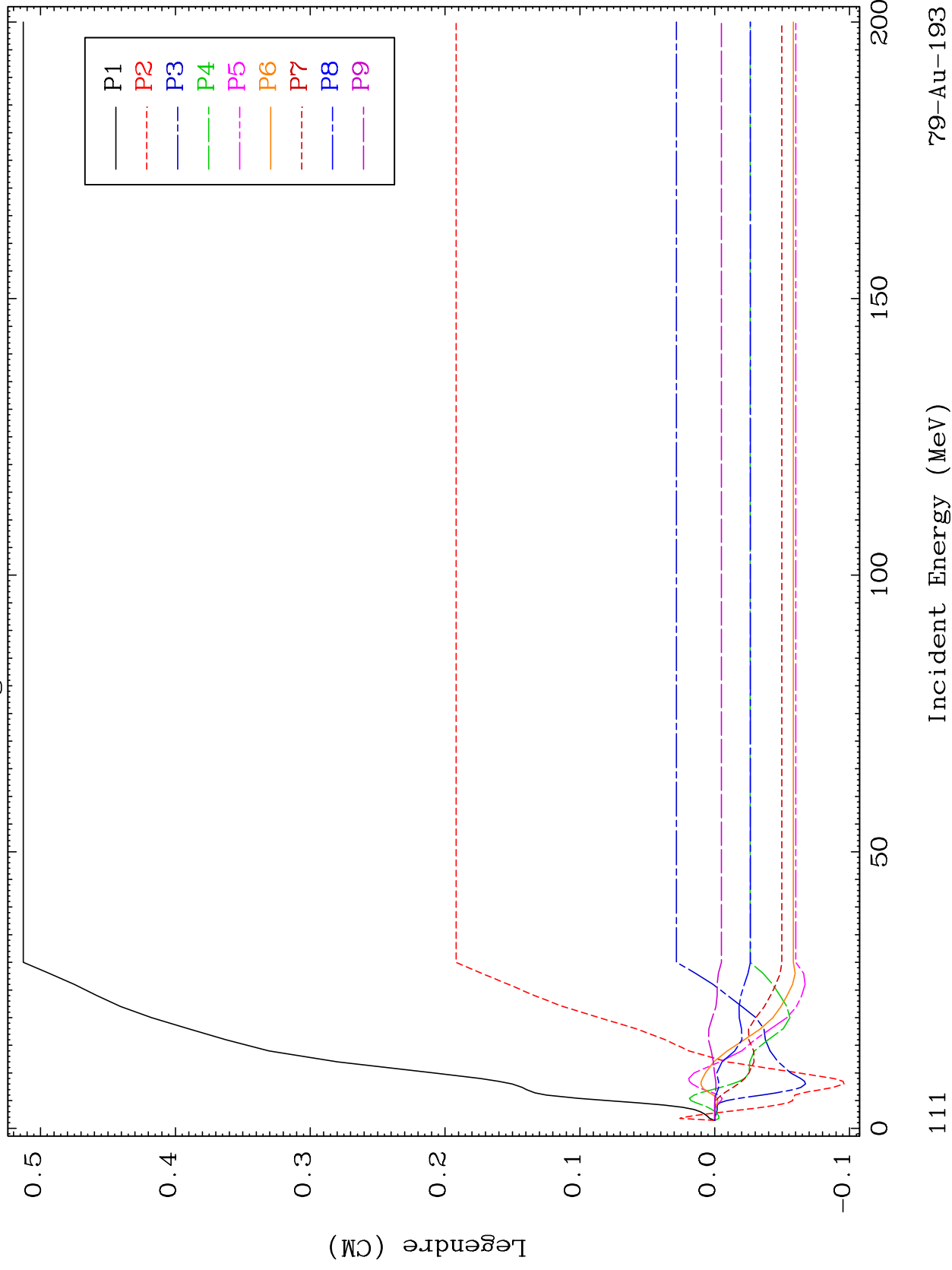
79-Au-193



MAT 7913

1.398 MeV (n,n') Level  
Legendre Coefficients

79-Au-193



79-Au-193

Incident Energy (MeV)

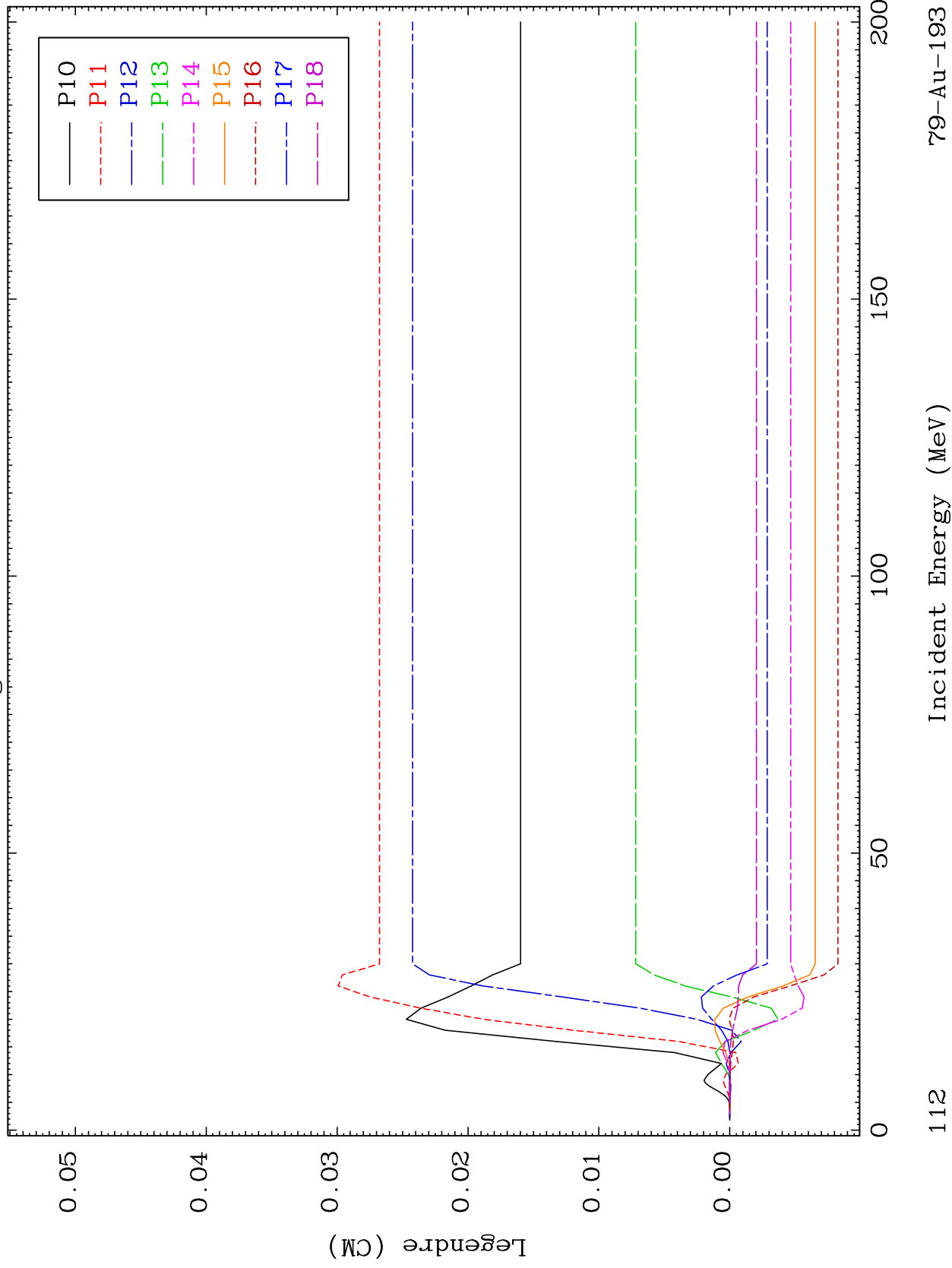
111



MAT 7913

1.398 MeV (n,n') Level  
Legendre Coefficients

79-Au-193



79-Au-193

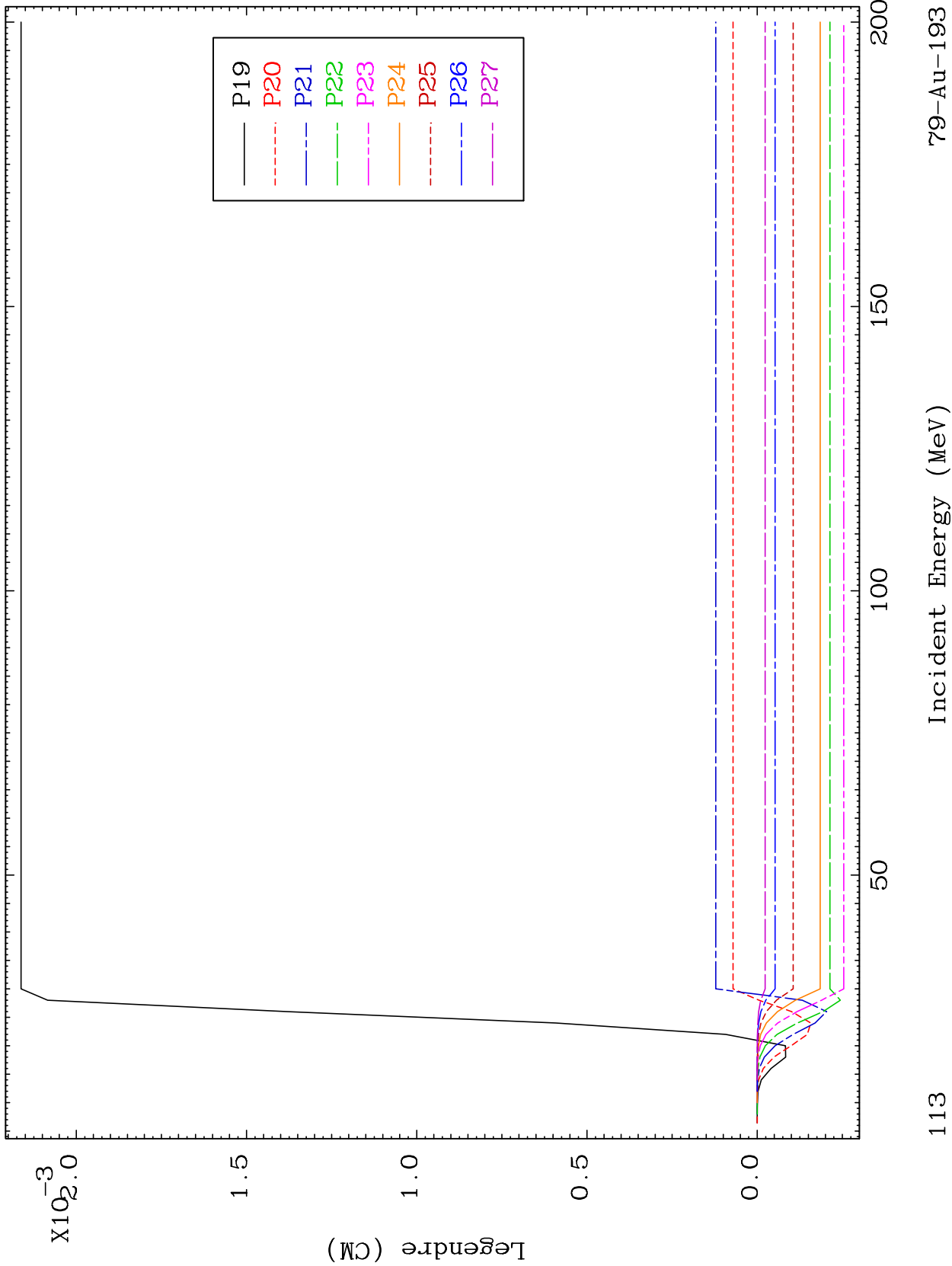
Incident Energy (MeV)

112

MAT 7913

1.398 MeV (n,n') Level  
Legendre Coefficients

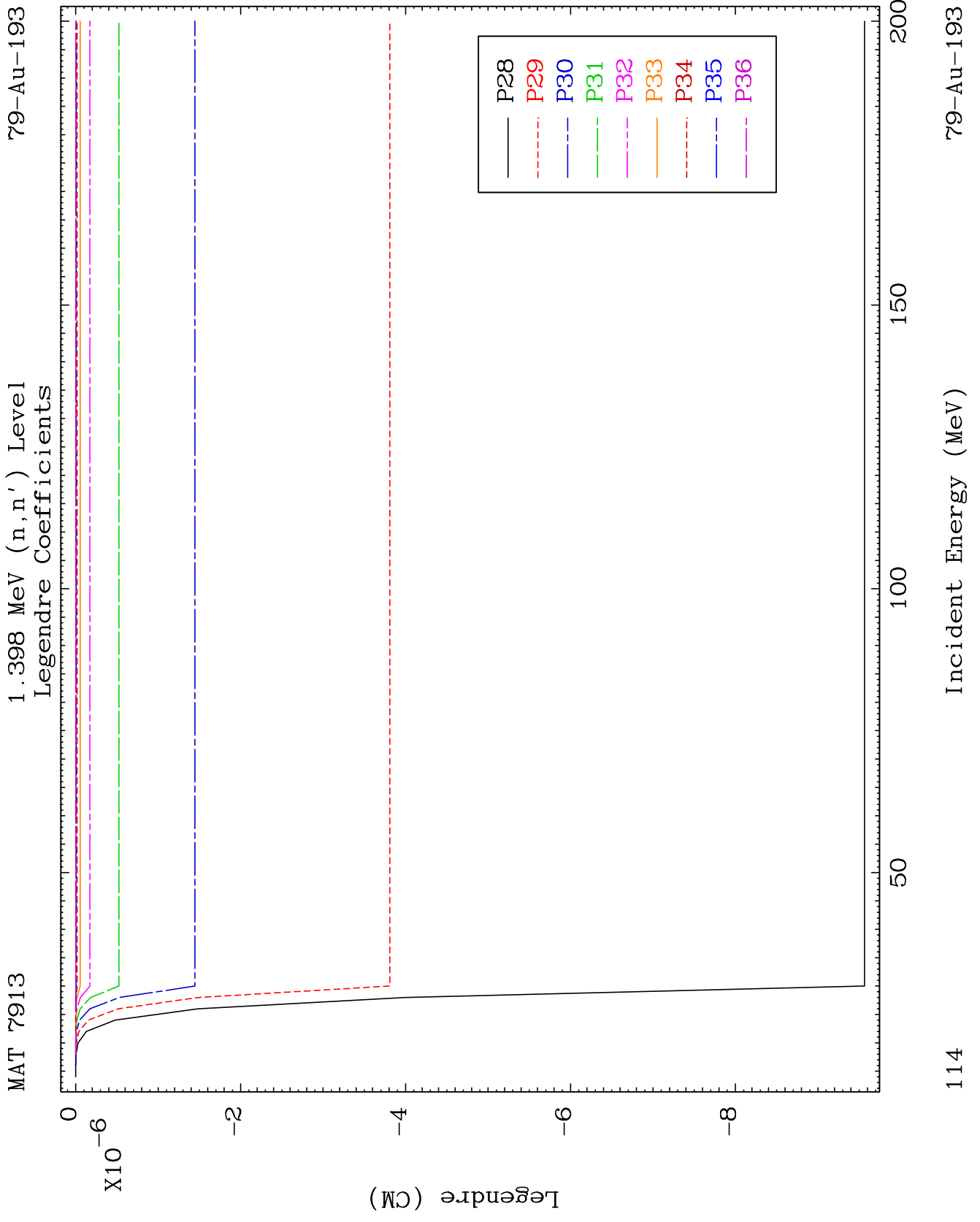
79-Au-193



113

Incident Energy (MeV)

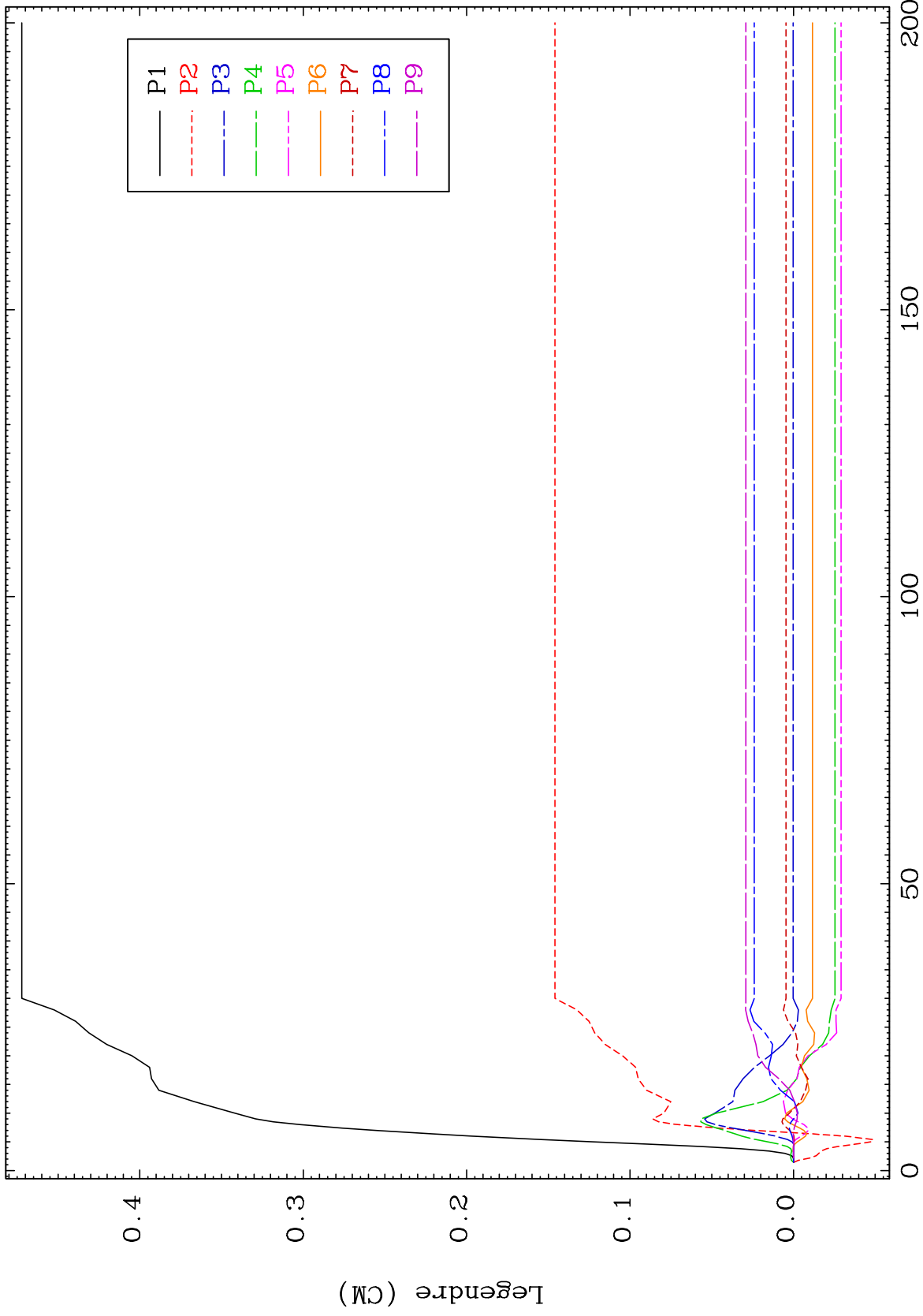
79-Au-193



MAT 7913

1.400 MeV (n,n') Level  
Legendre Coefficients

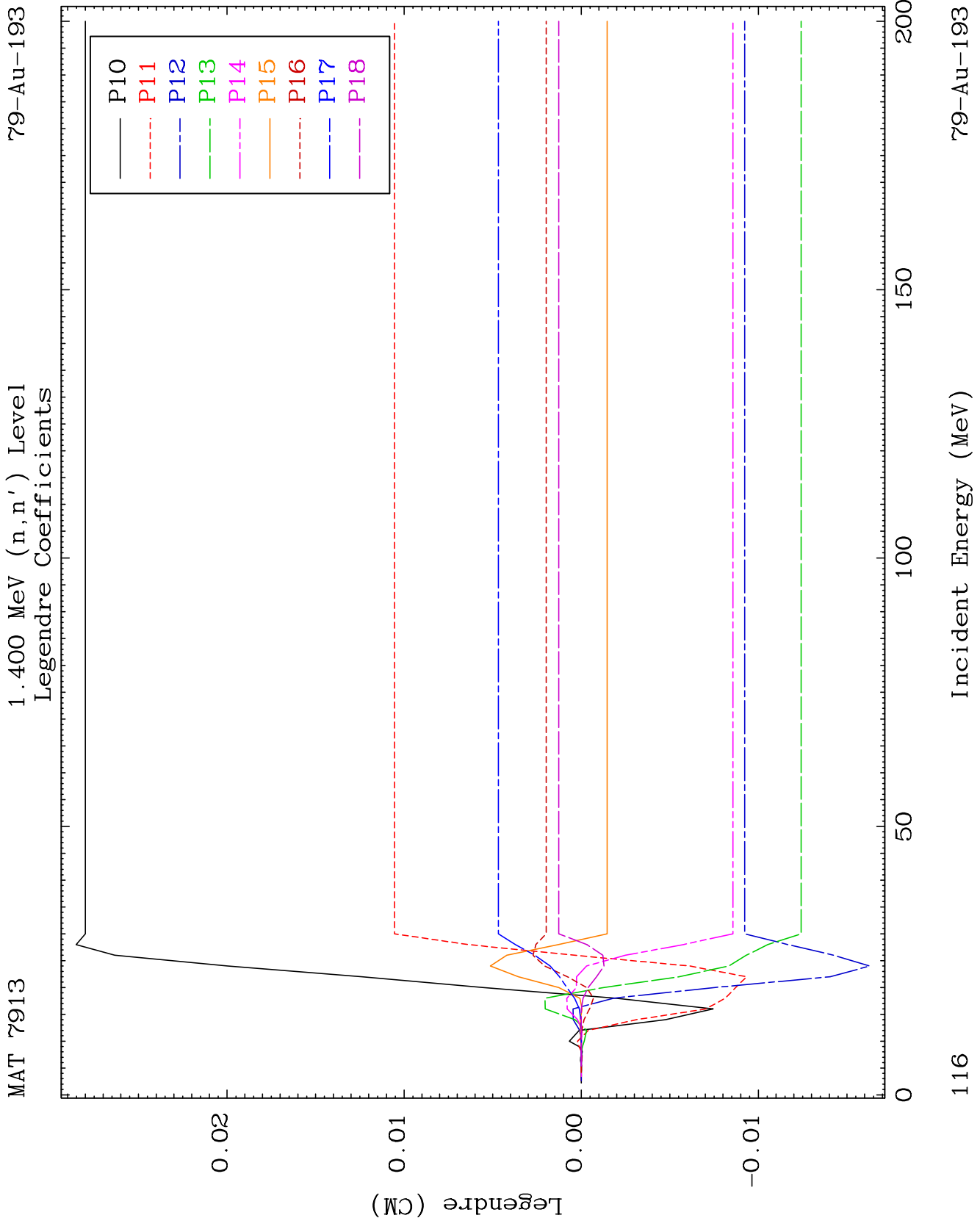
79-Au-193

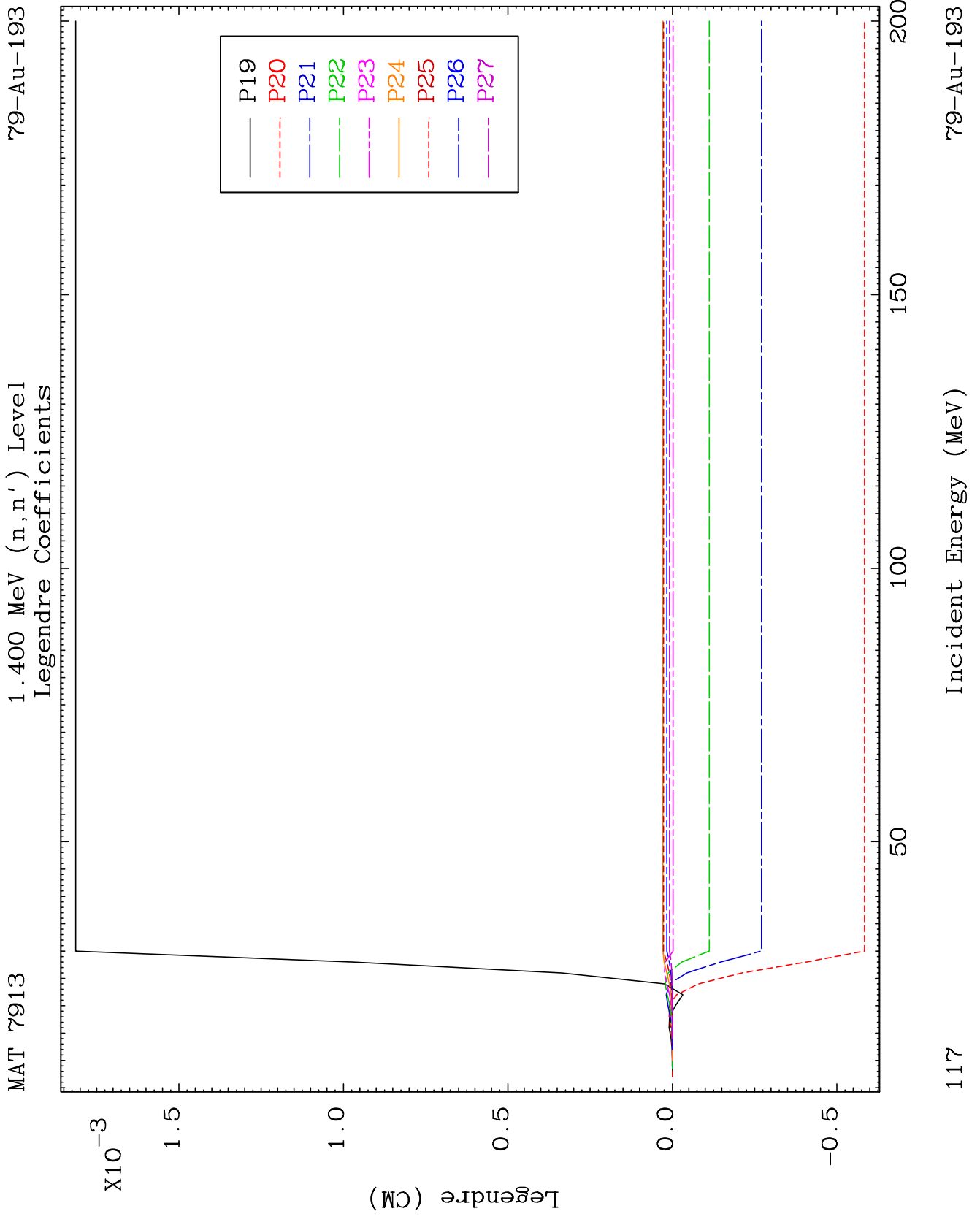


115

Incident Energy (MeV)

79-Au-193

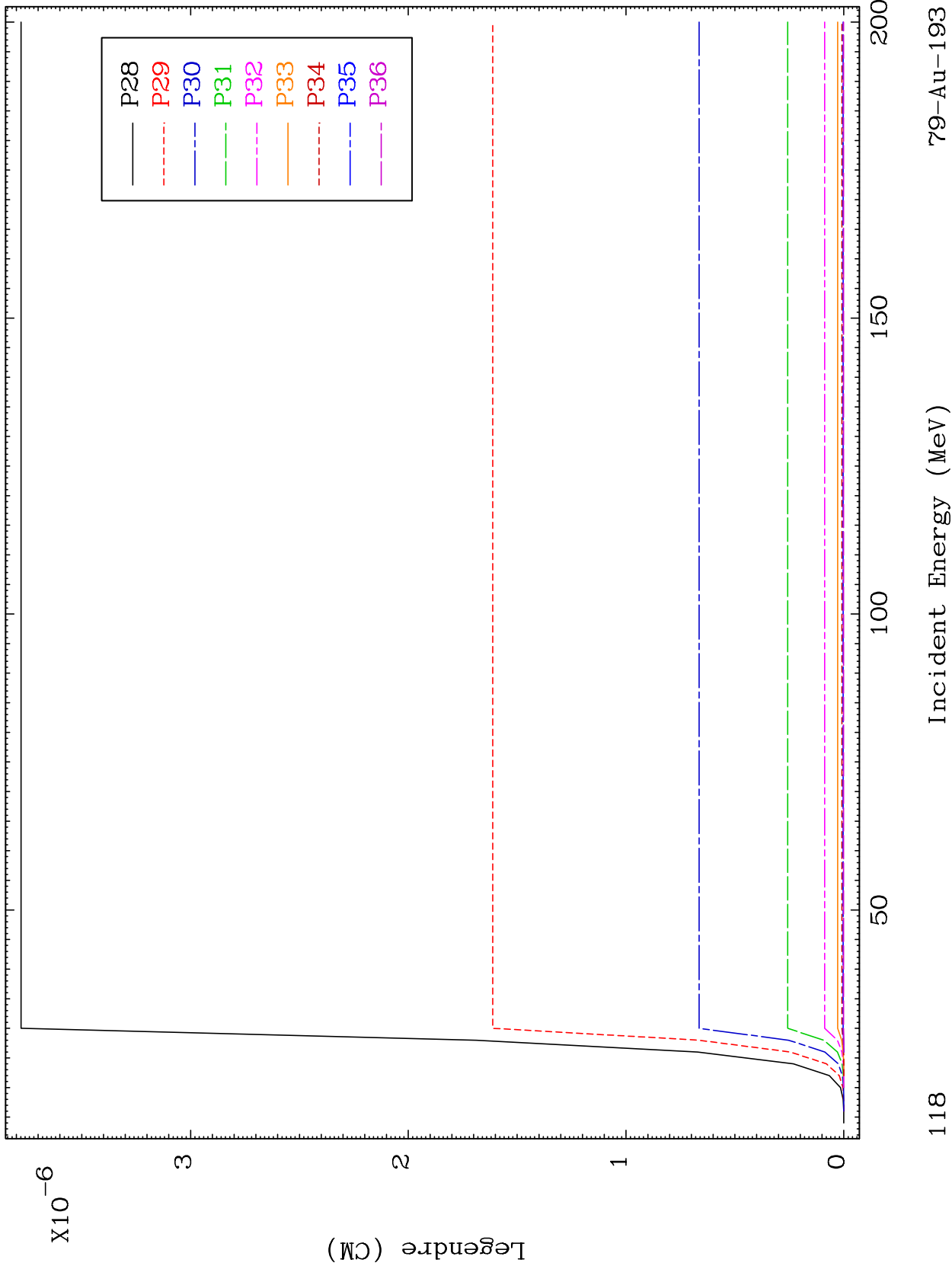




MAT 7913

1.400 MeV (n,n') Level  
Legendre Coefficients

79-Au-193



118

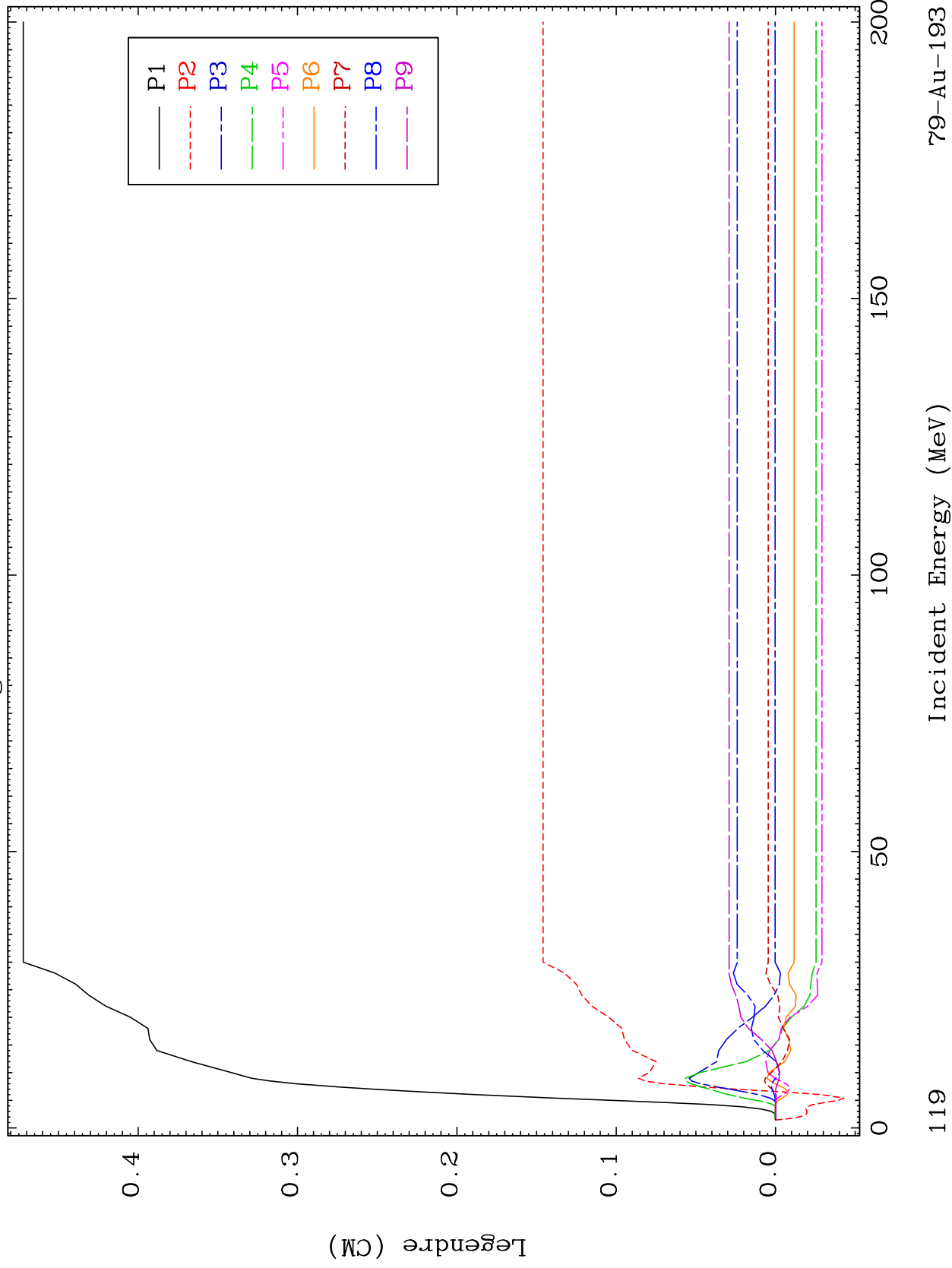
Incident Energy (MeV)

79-Au-193

MAT 7913

1.413 MeV (n,n') Level  
Legendre Coefficients

79-Au-193



79-Au-193

Incident Energy (MeV)

119

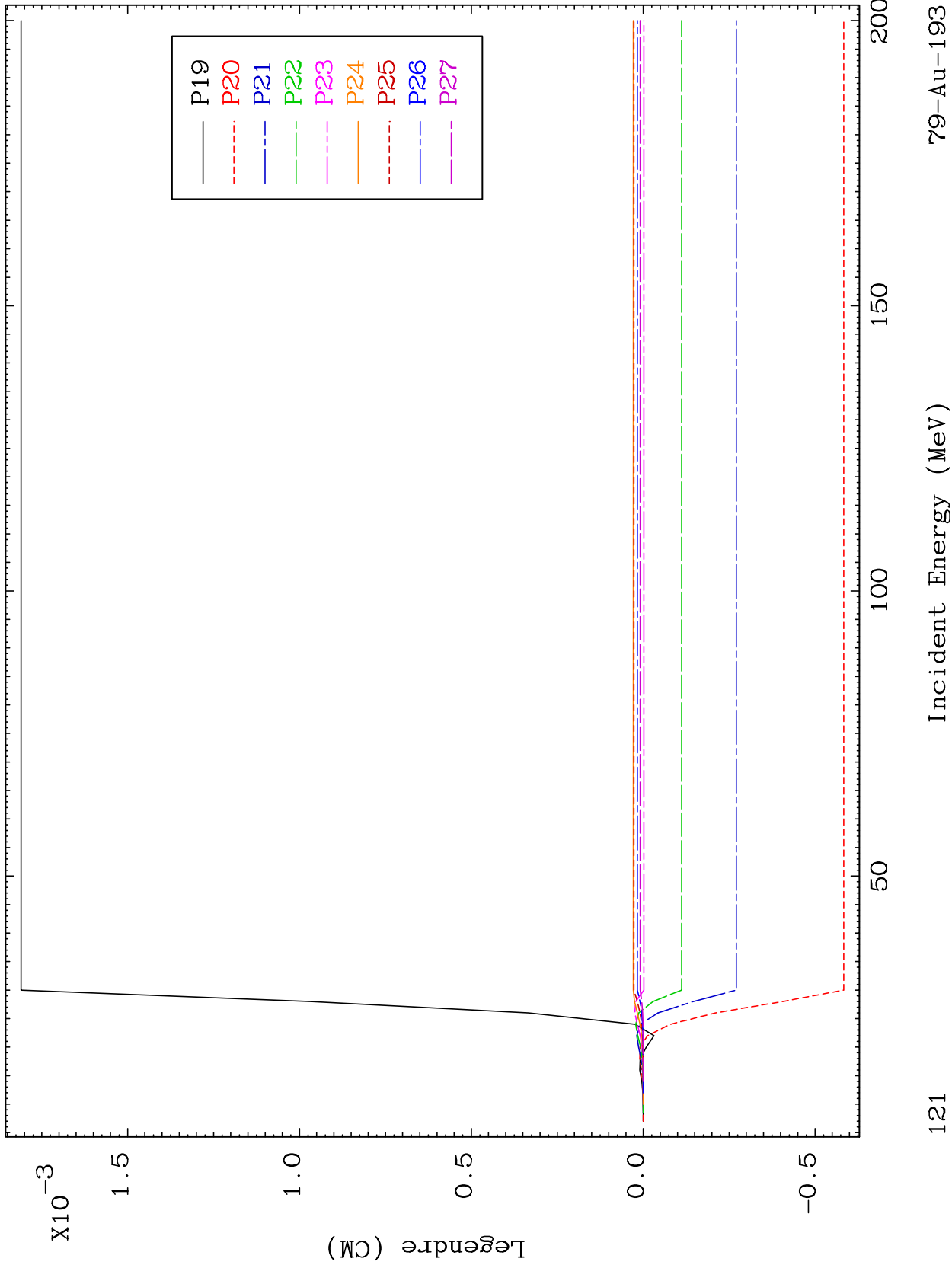




MAT 7913

1.413 MeV (n,n') Level  
Legendre Coefficients

79-Au-193



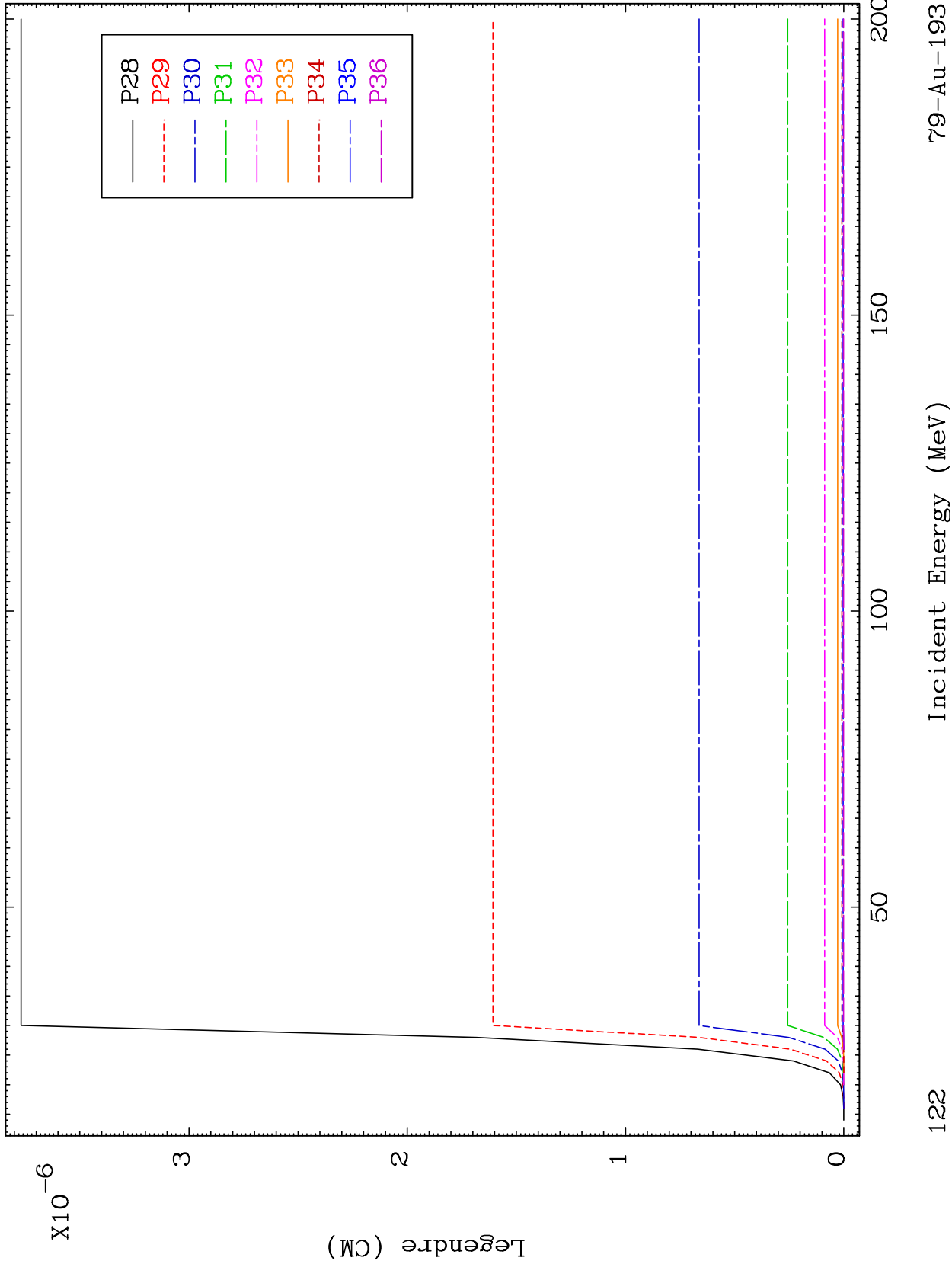
121

79-Au-193

MAT 7913

1.413 MeV (n,n') Level  
Legendre Coefficients

79-Au-193



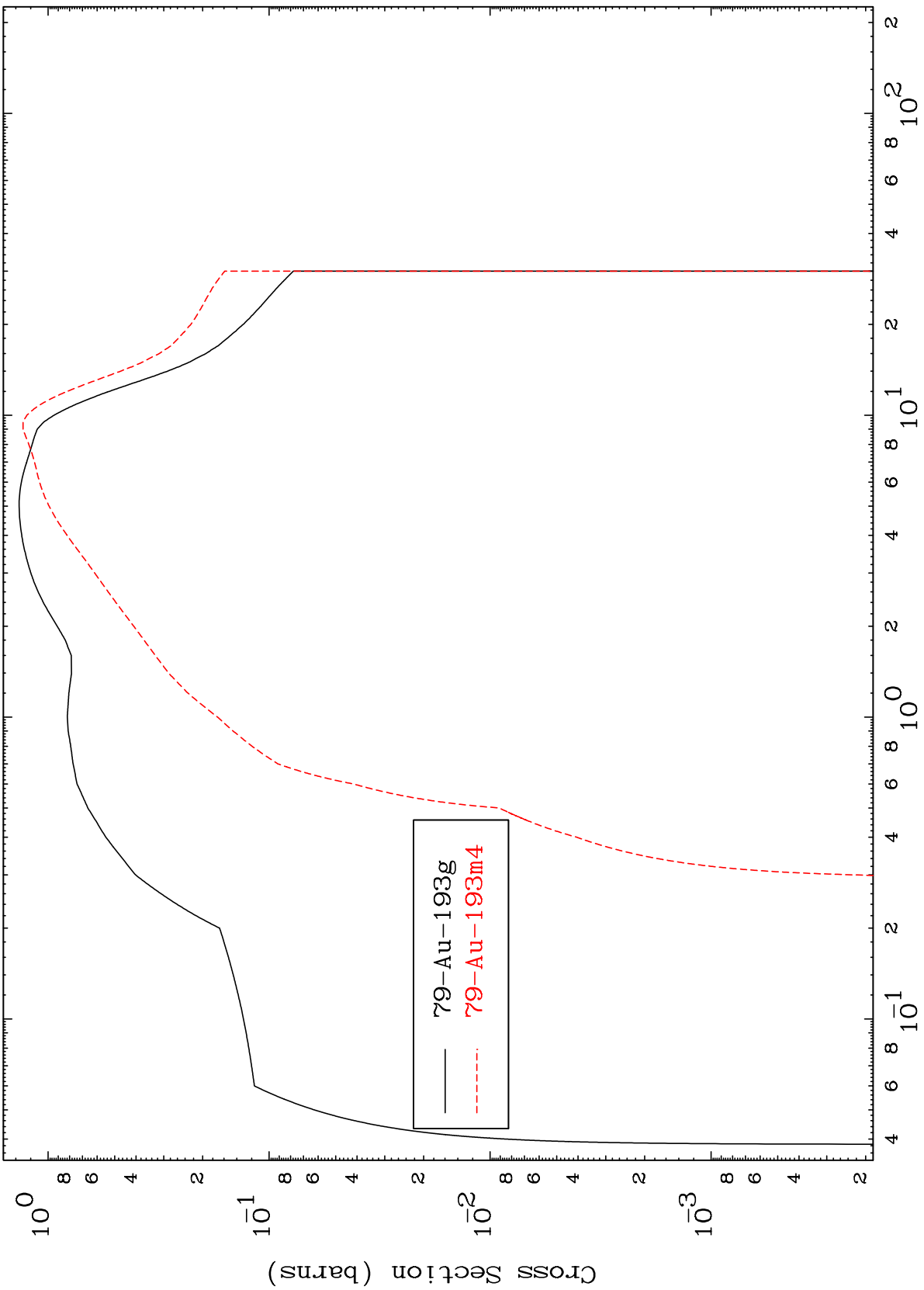
122

79-Au-193

MAT 7913

79-Au-193

Inelastic  
Radionuclide Production Cross Section



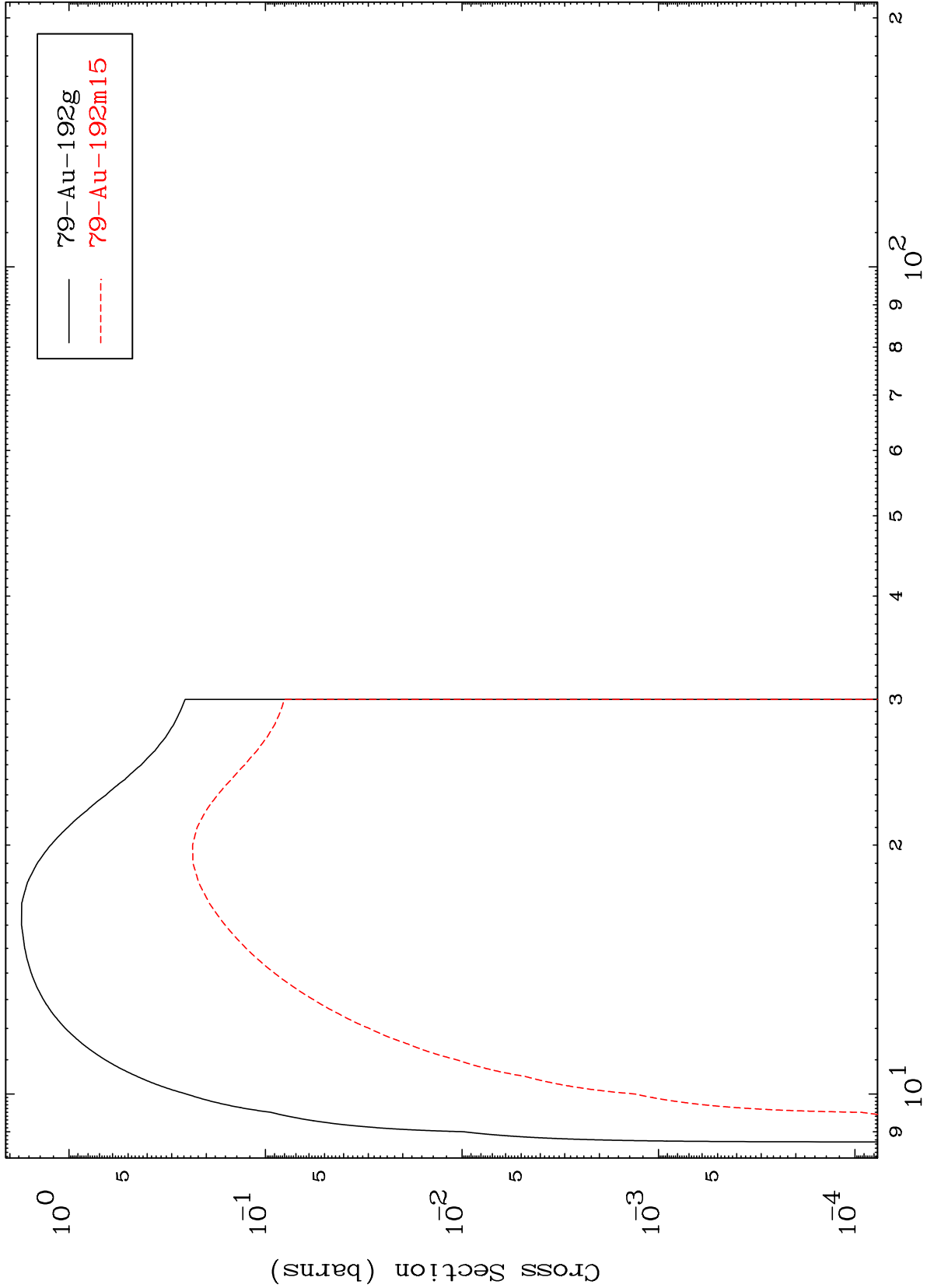
123

79-Au-193

MAT 7913

79-Au-193

(n,2n)  
Radionuclide Production Cross Section



79-Au-193

Incident Energy (MeV)

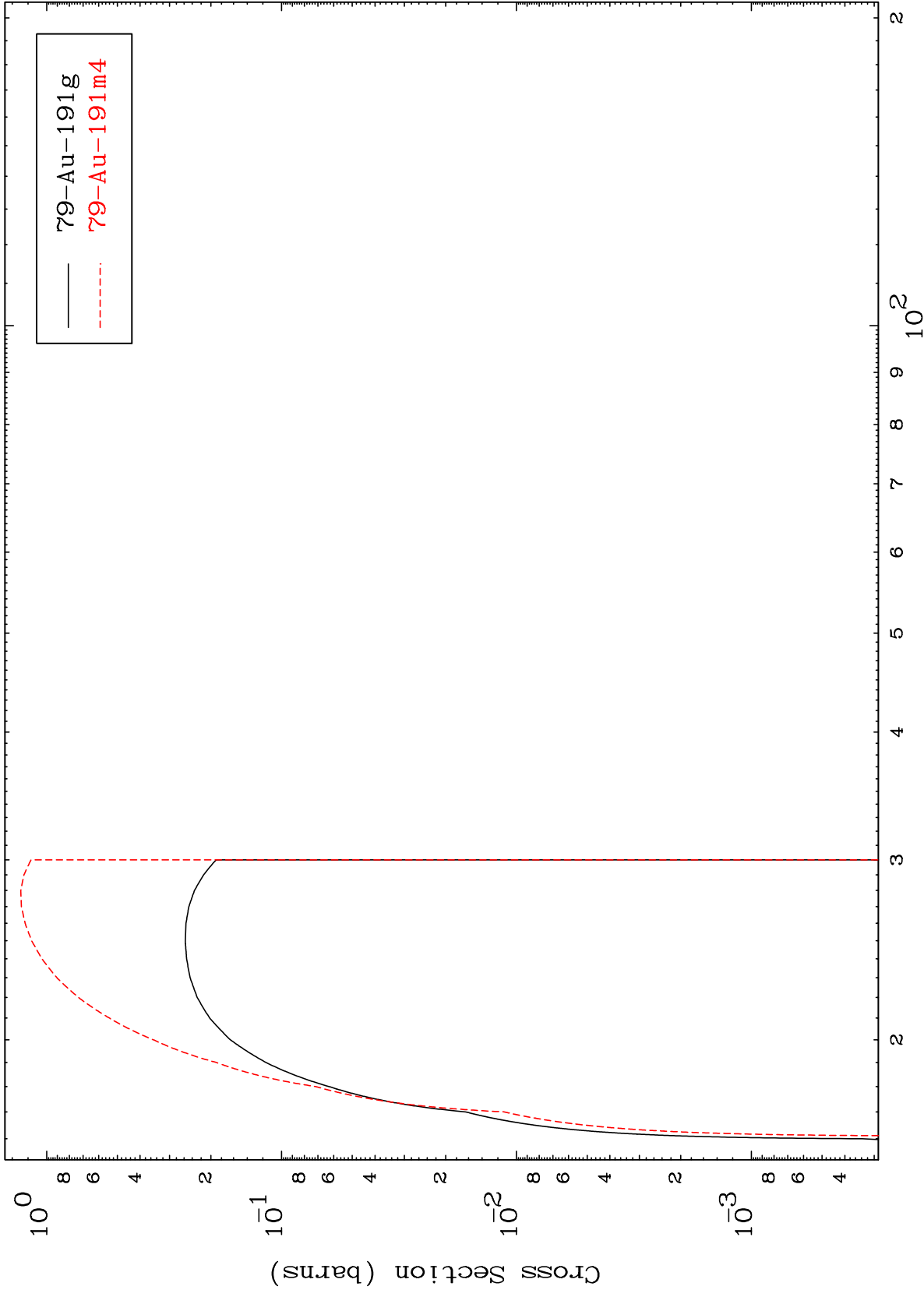
124

MAT 7913

(n,3n)

79-Au-193

Radionuclide Production Cross Section



79-Au-191g  
79-Au-191m4

125

Incident Energy (MeV)

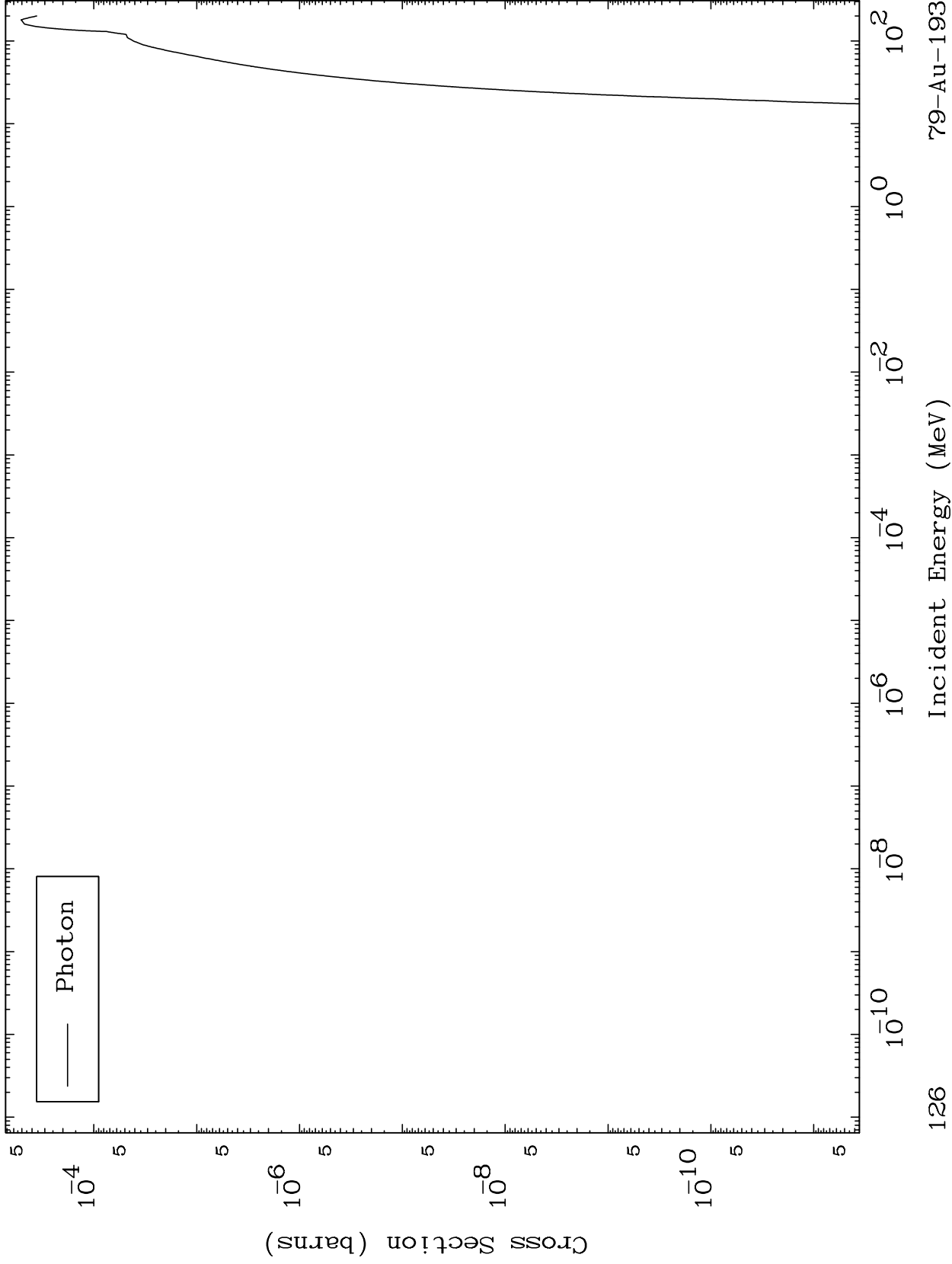
79-Au-193

MAT 7913

Fission

79-Au-193

Radionuclide Production Cross Section

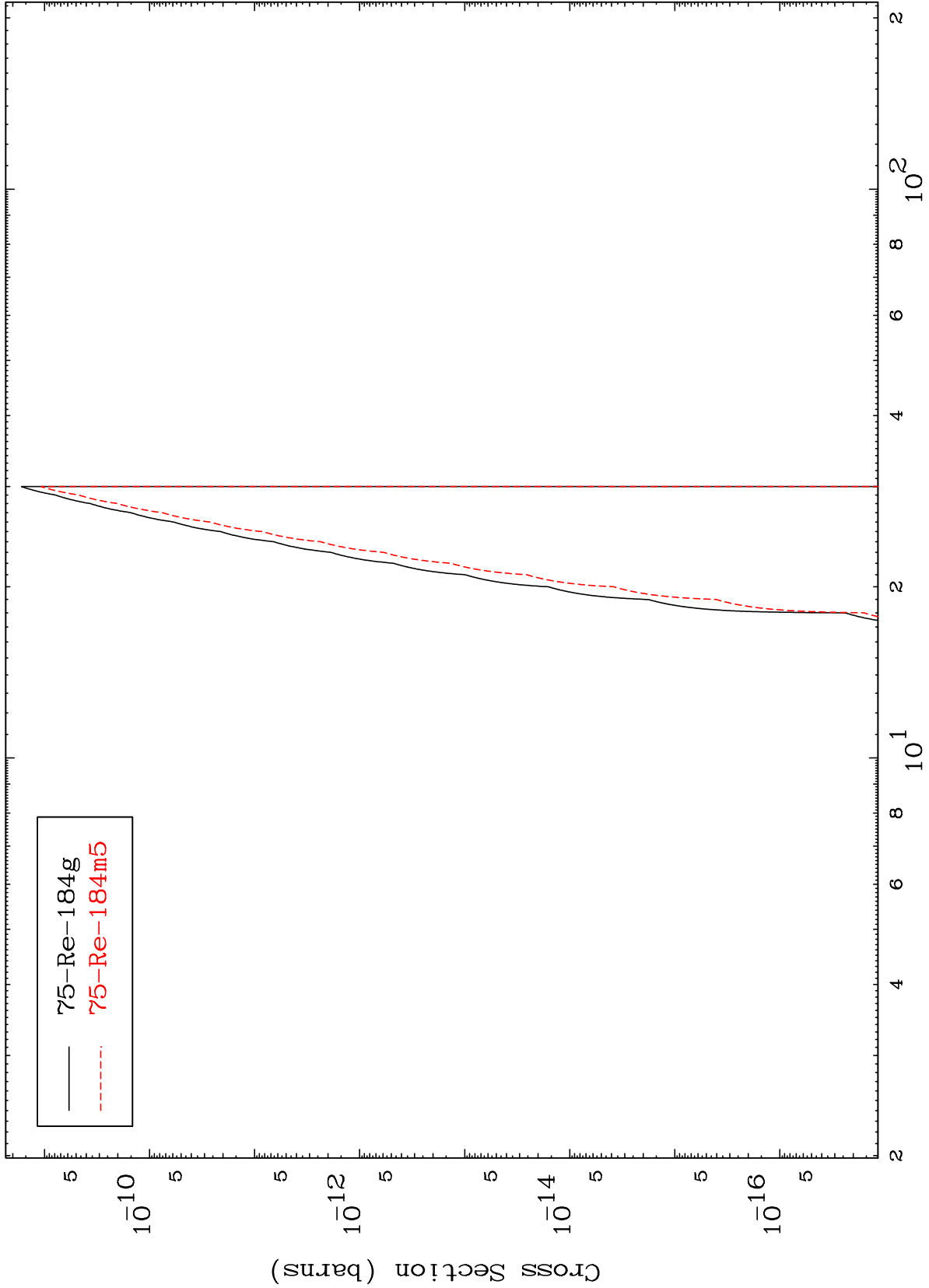


MAT 7913

$^{75}\text{Re}$   $2\alpha$

79-Au-193

Radionuclide Production Cross Section



—  $^{75}\text{Re-184g}$   
- - -  $^{75}\text{Re-184m5}$

127

Incident Energy (MeV)

79-Au-193

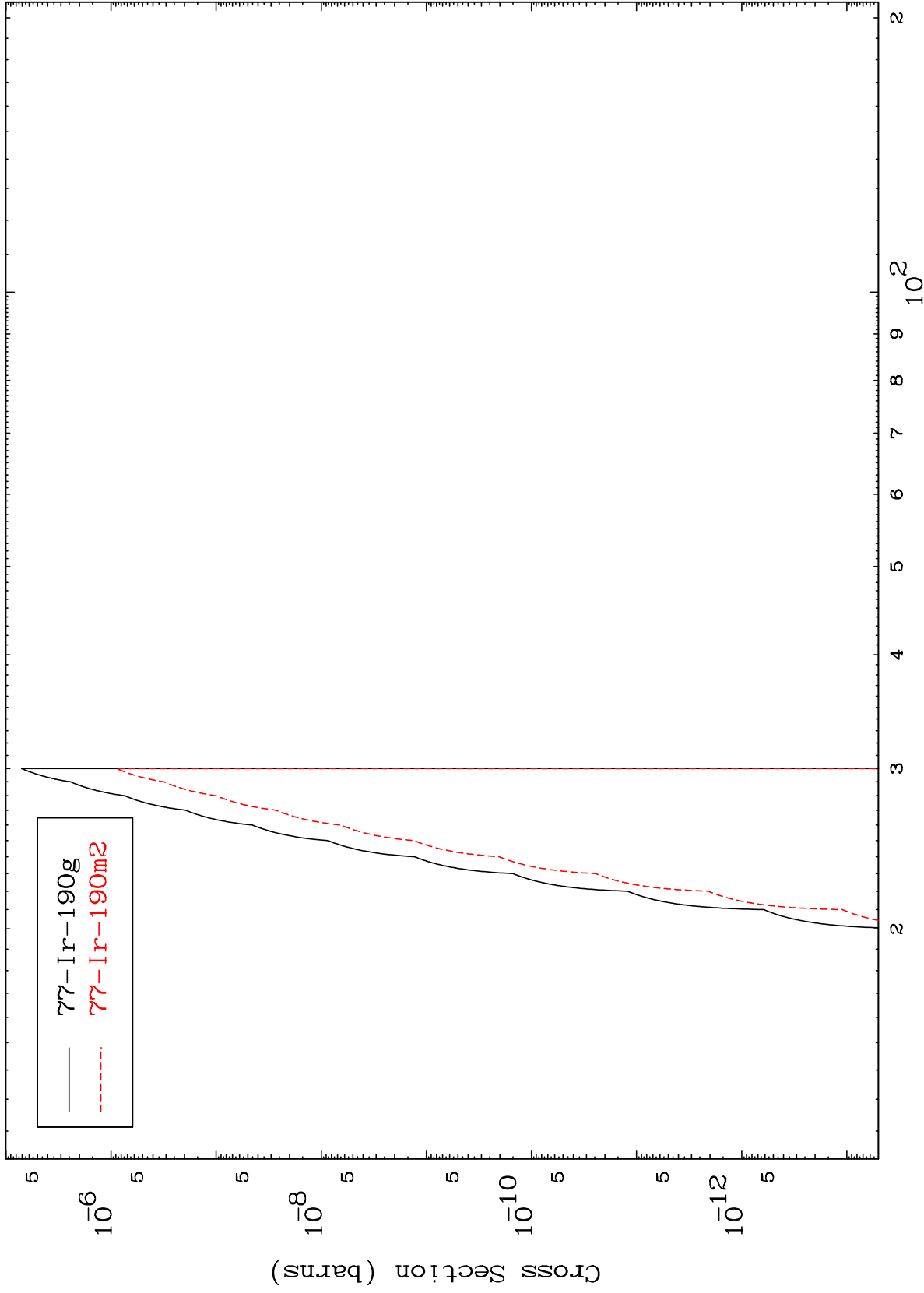


MAT 7913

(n,n') He-3

79-Au-193

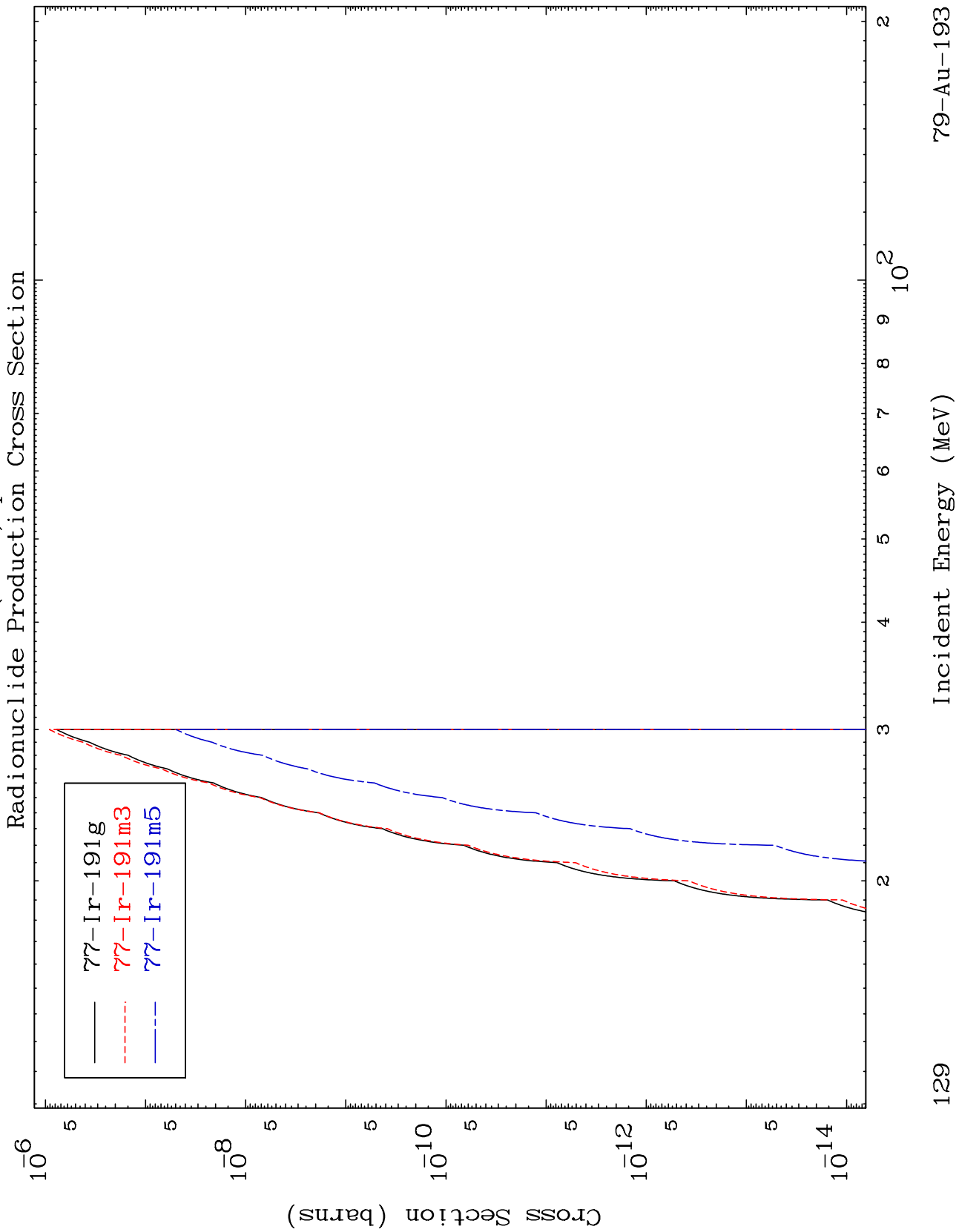
Radionuclide Production Cross Section



128

Incident Energy (MeV)

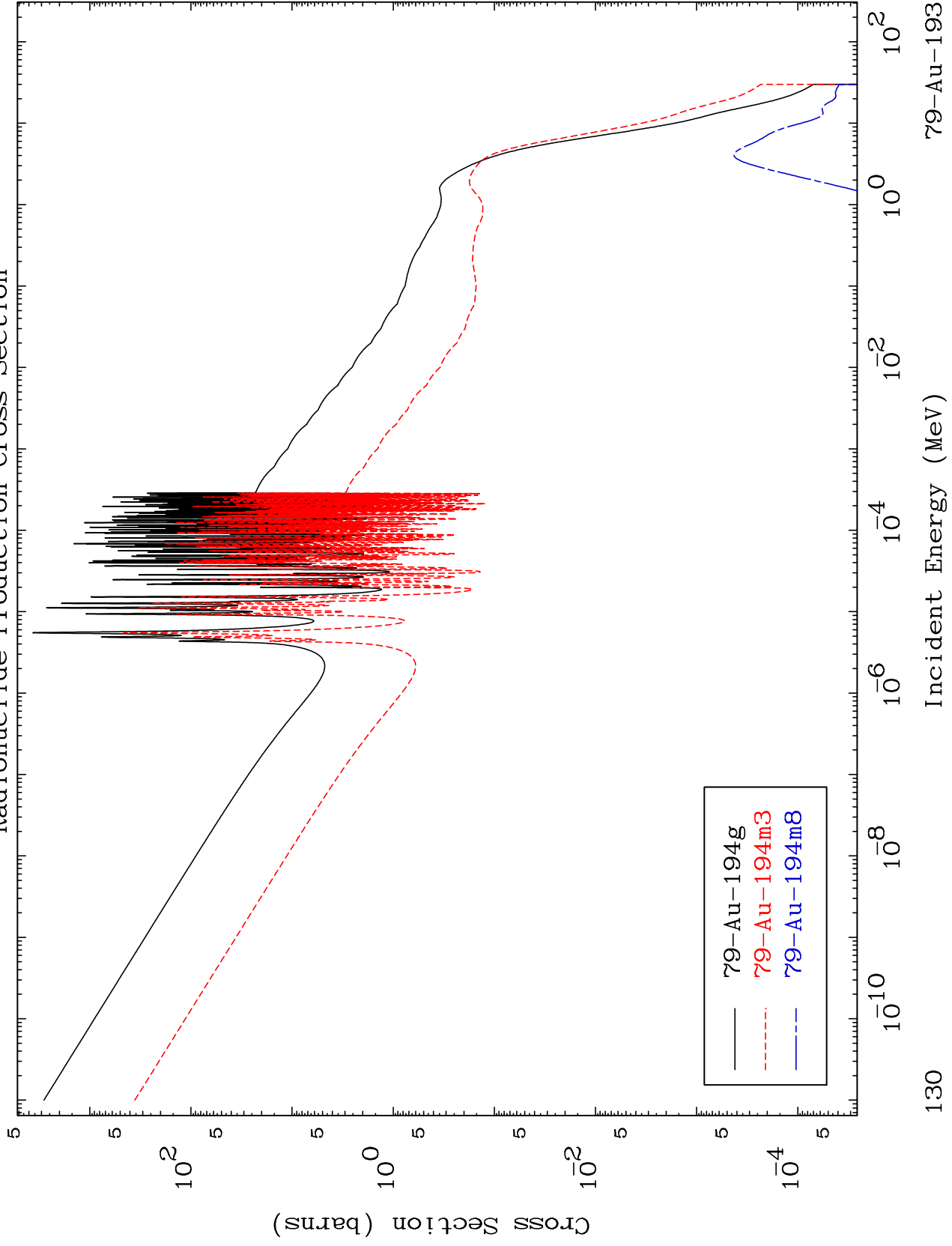
79-Au-193



MAT 7913

79-Au-193

(n,  $\gamma$ )  
Radionuclide Production Cross Section

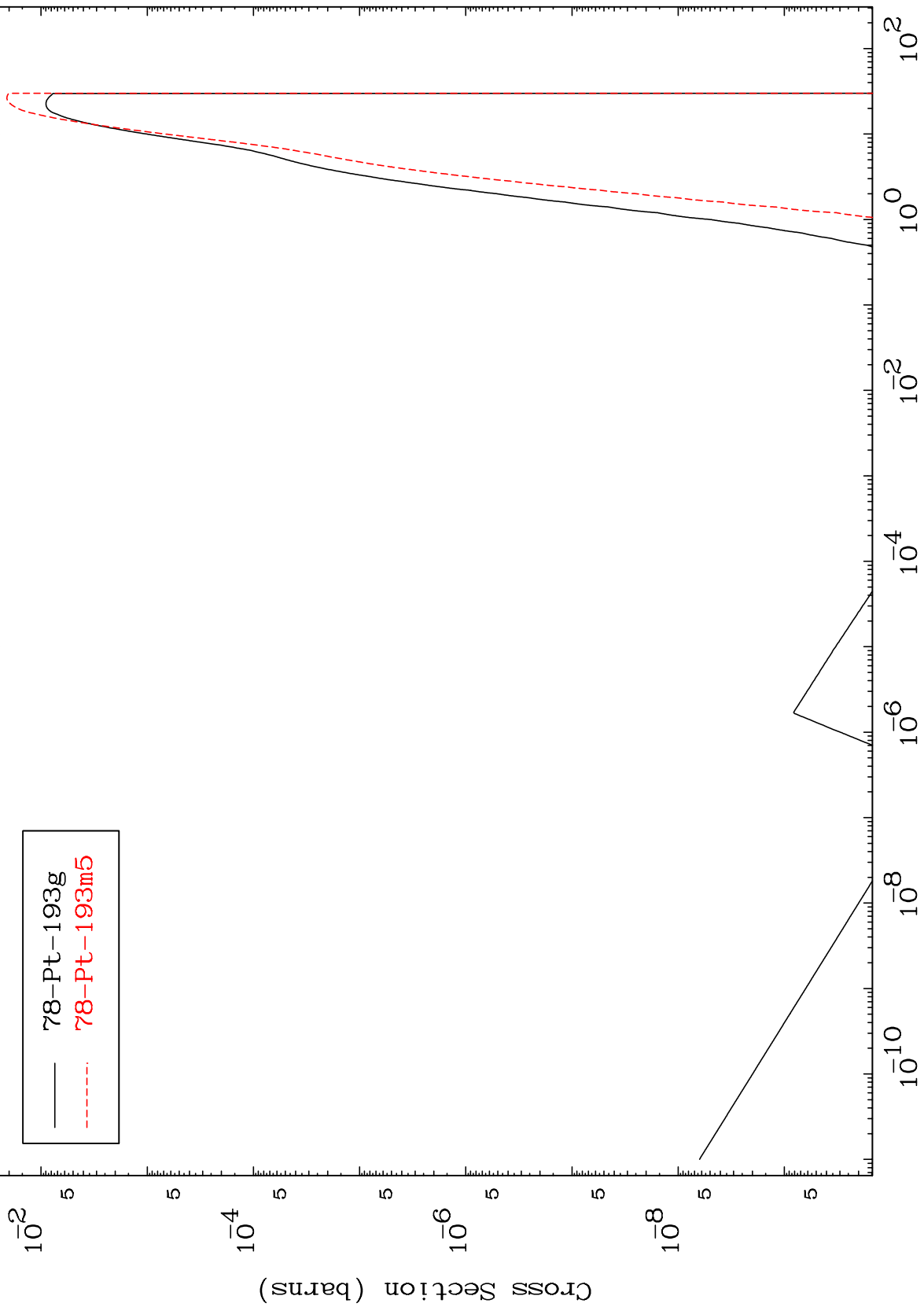


MAT 7913

(n,p)

79-Au-193

Radionuclide Production Cross Section

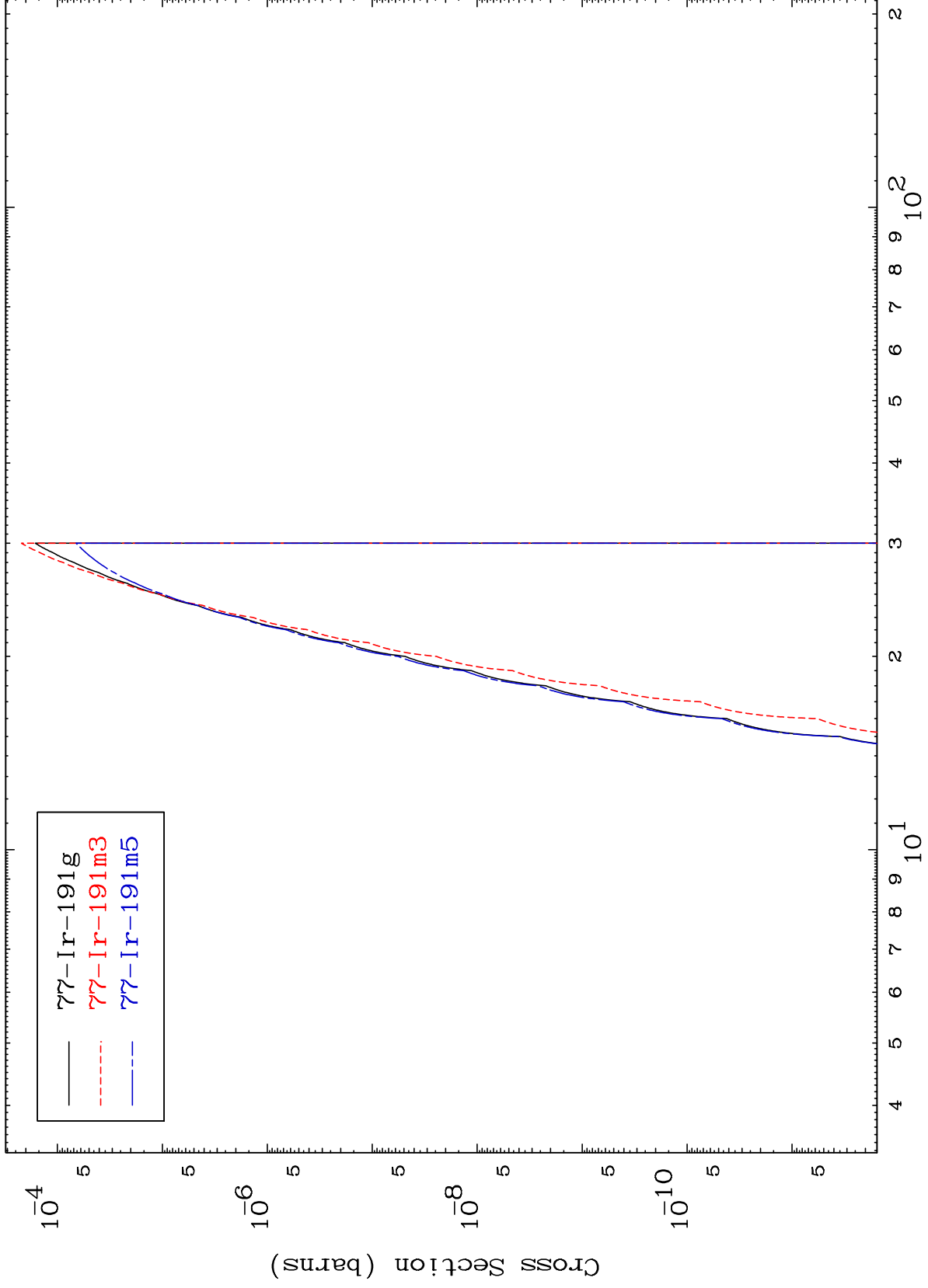


131

Incident Energy (MeV)

79-Au-193

Radionuclide Production Cross Section

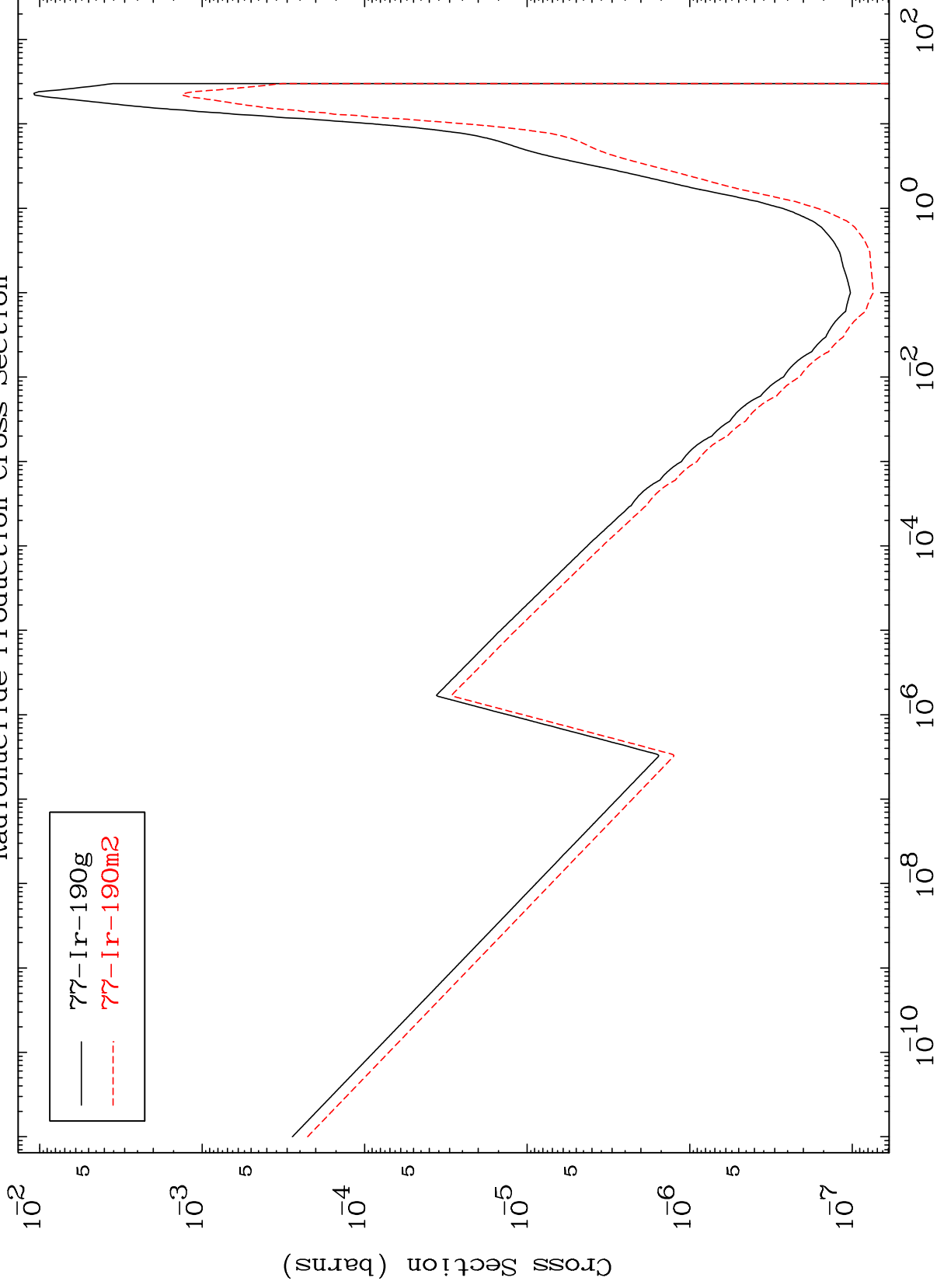


MAT 7913

(n,  $\alpha$ )

79-Au-193

Radionuclide Production Cross Section



133

Incident Energy (MeV)

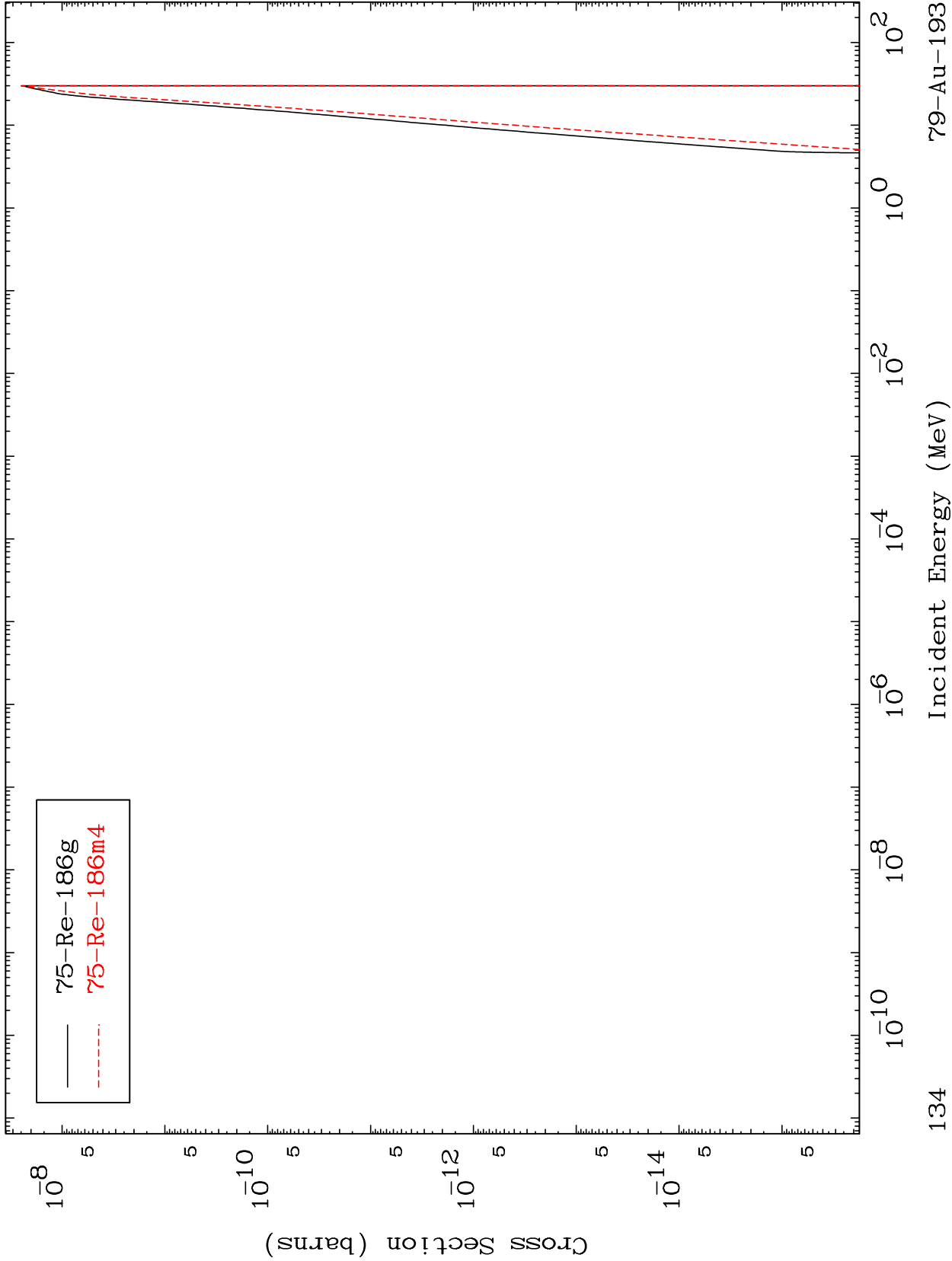
79-Au-193

MAT 7913

(n,2α)

79-Au-193

Radionuclide Production Cross Section

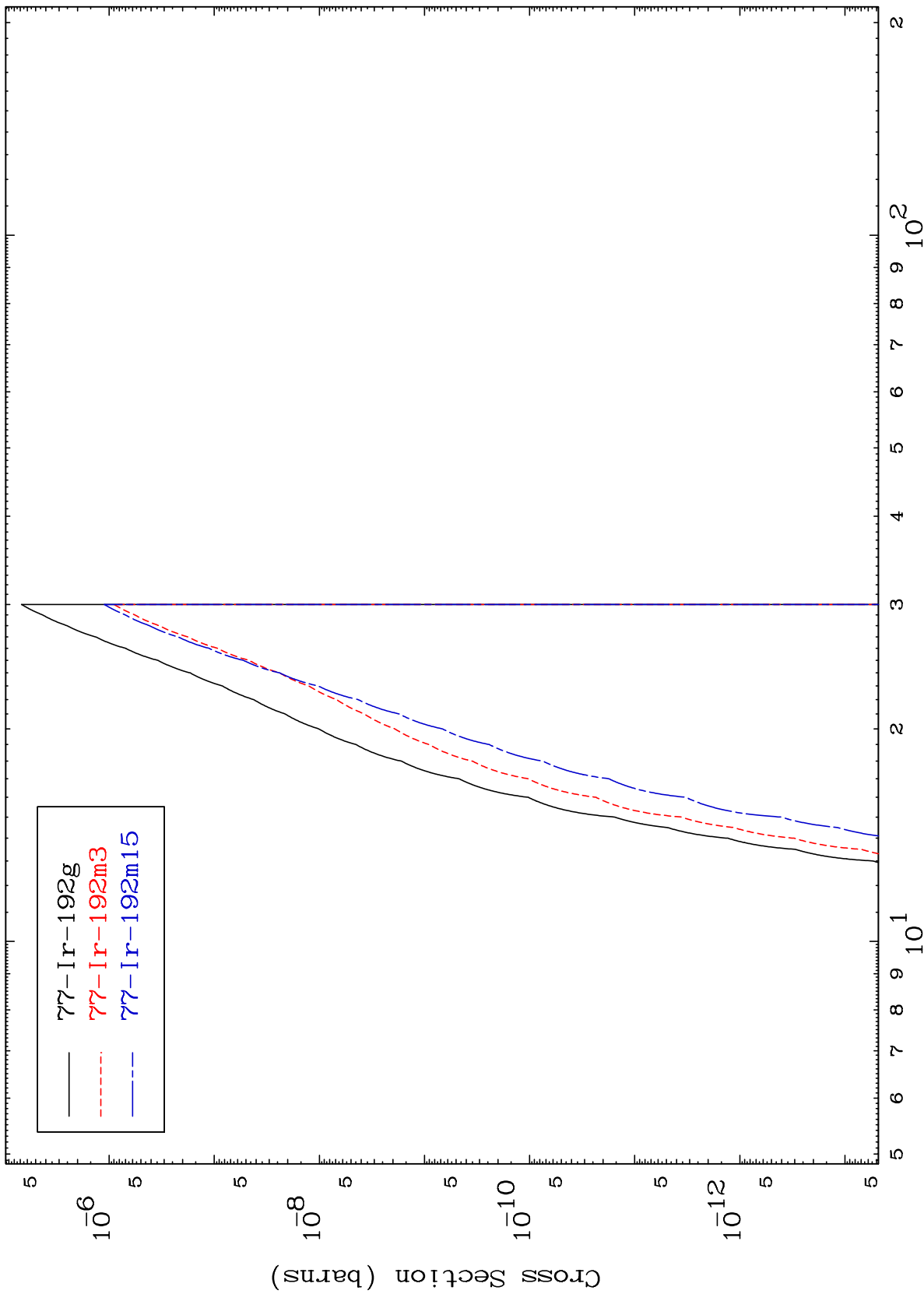


75-Re-186g  
75-Re-186m4

MAT 7913

79-Au-193

(n,2p)  
Radionuclide Production Cross Section



79-Au-193

Incident Energy (MeV)

135

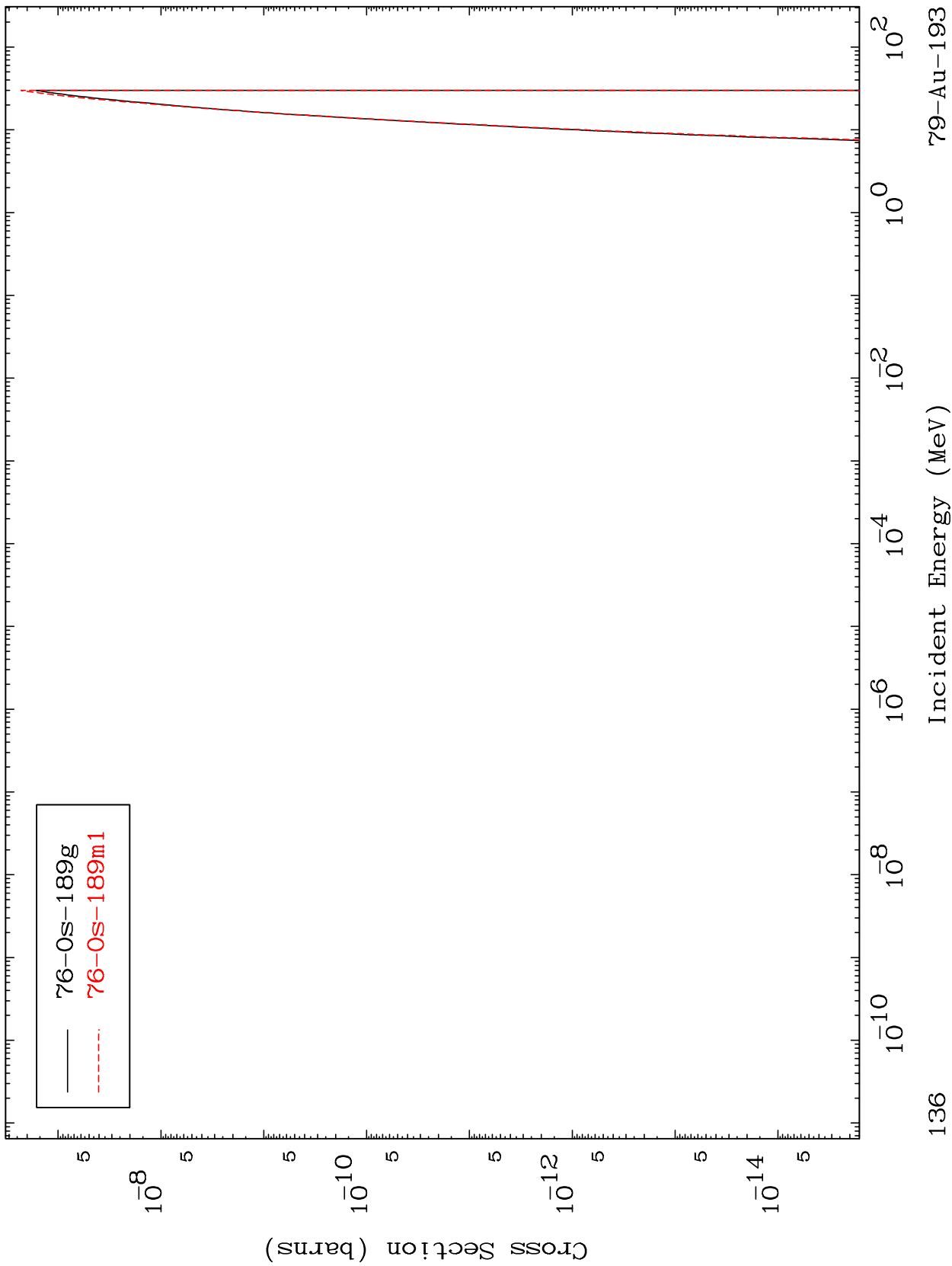


MAT 7913

(n,p)  $\alpha$

79-Au-193

Radionuclide Production Cross Section

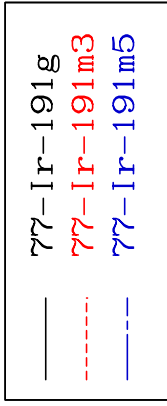
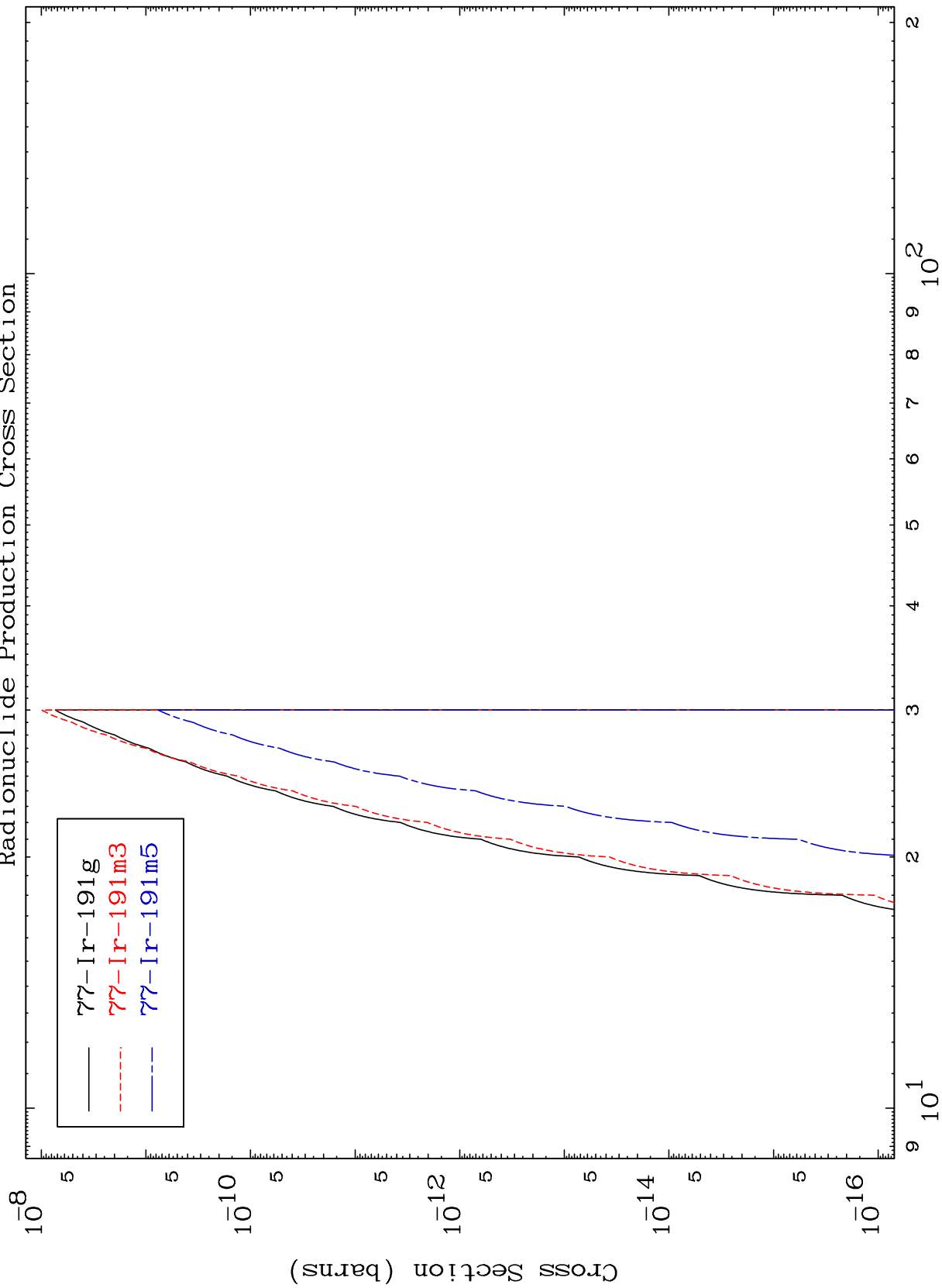


MAT 7913

(n,p) d

79-Au-193

Radionuclide Production Cross Section



Radionuclide Production Cross Section

