

Program EVALPLOT  
(Version 2015-2)

by

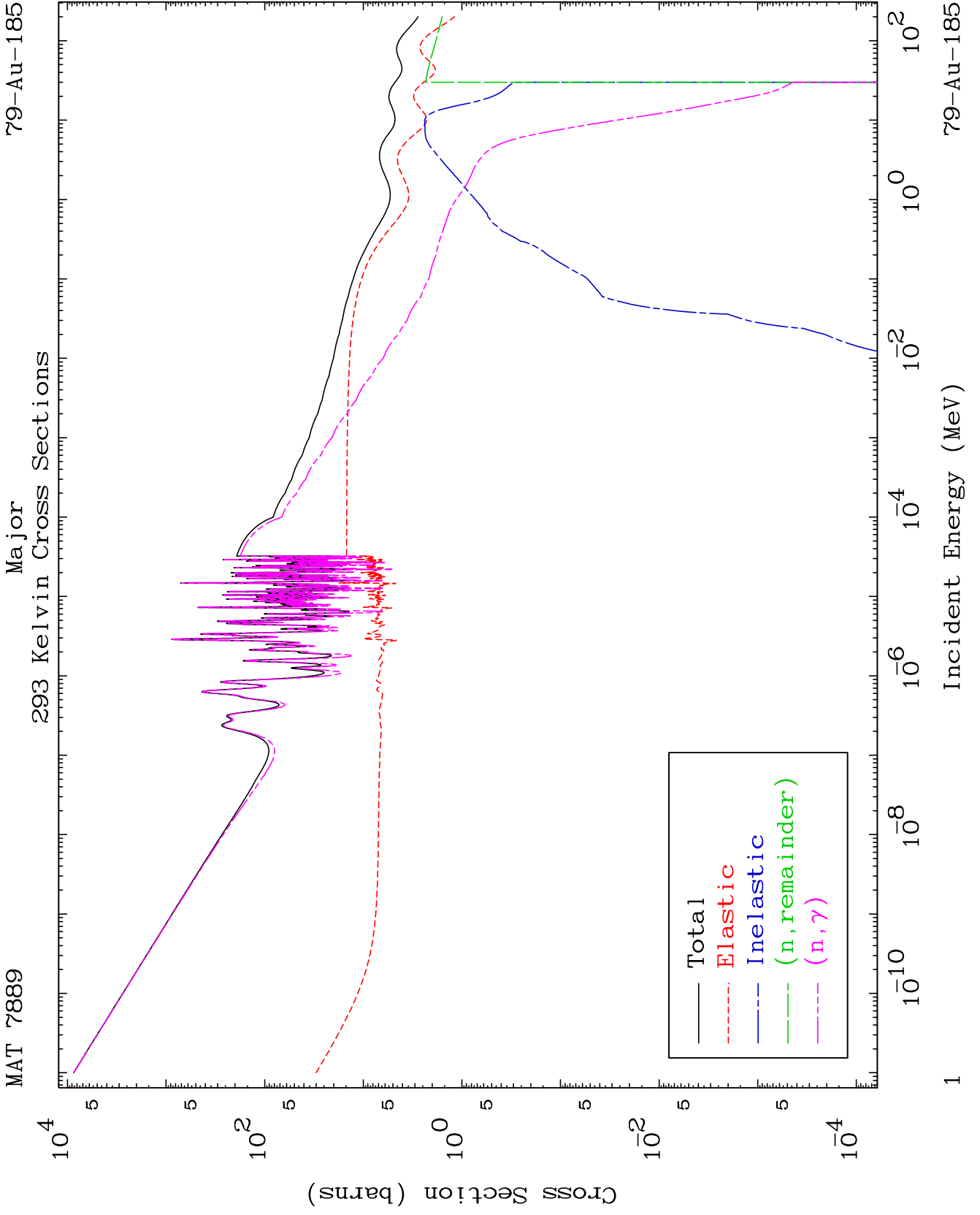
Dermott E. Cullen  
(Present Contact Information)

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Livermore, CA 94550  
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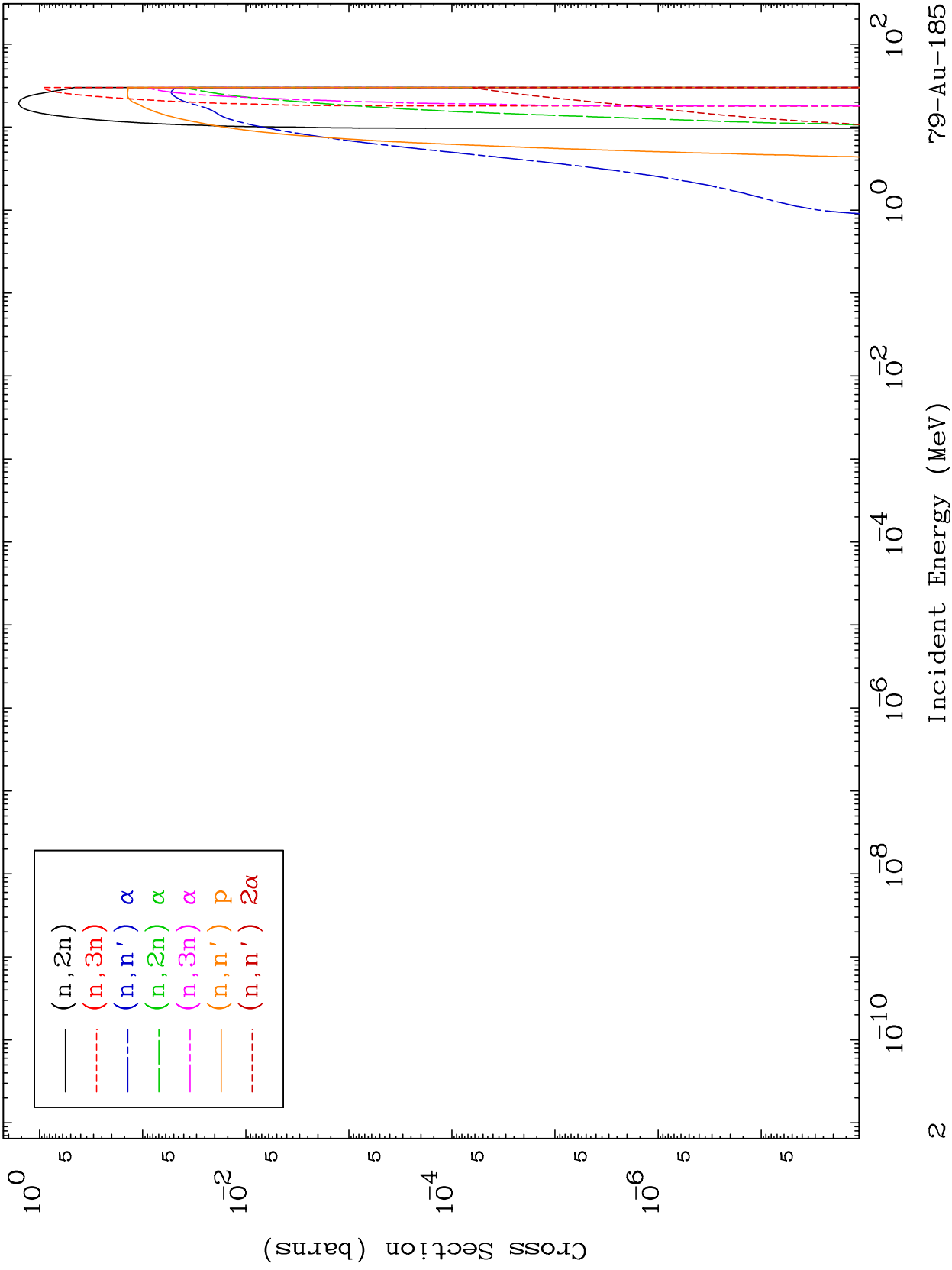
Press Mouse Button to Start



MAT 7889

Neutron Production  
293 Kelvin Cross Sections

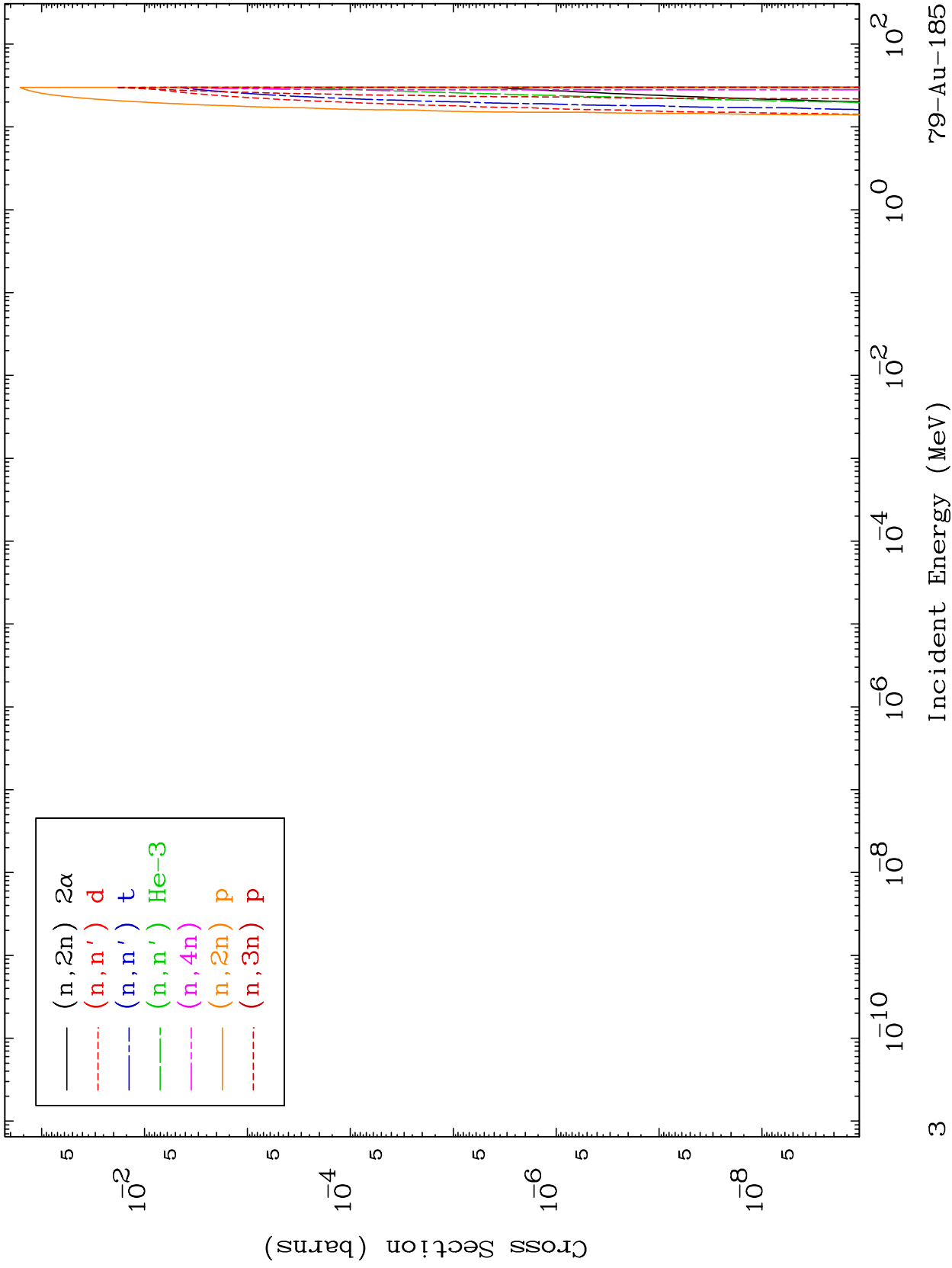
79-Au-185



MAT 7889

Neutron Production  
293 Kelvin Cross Sections

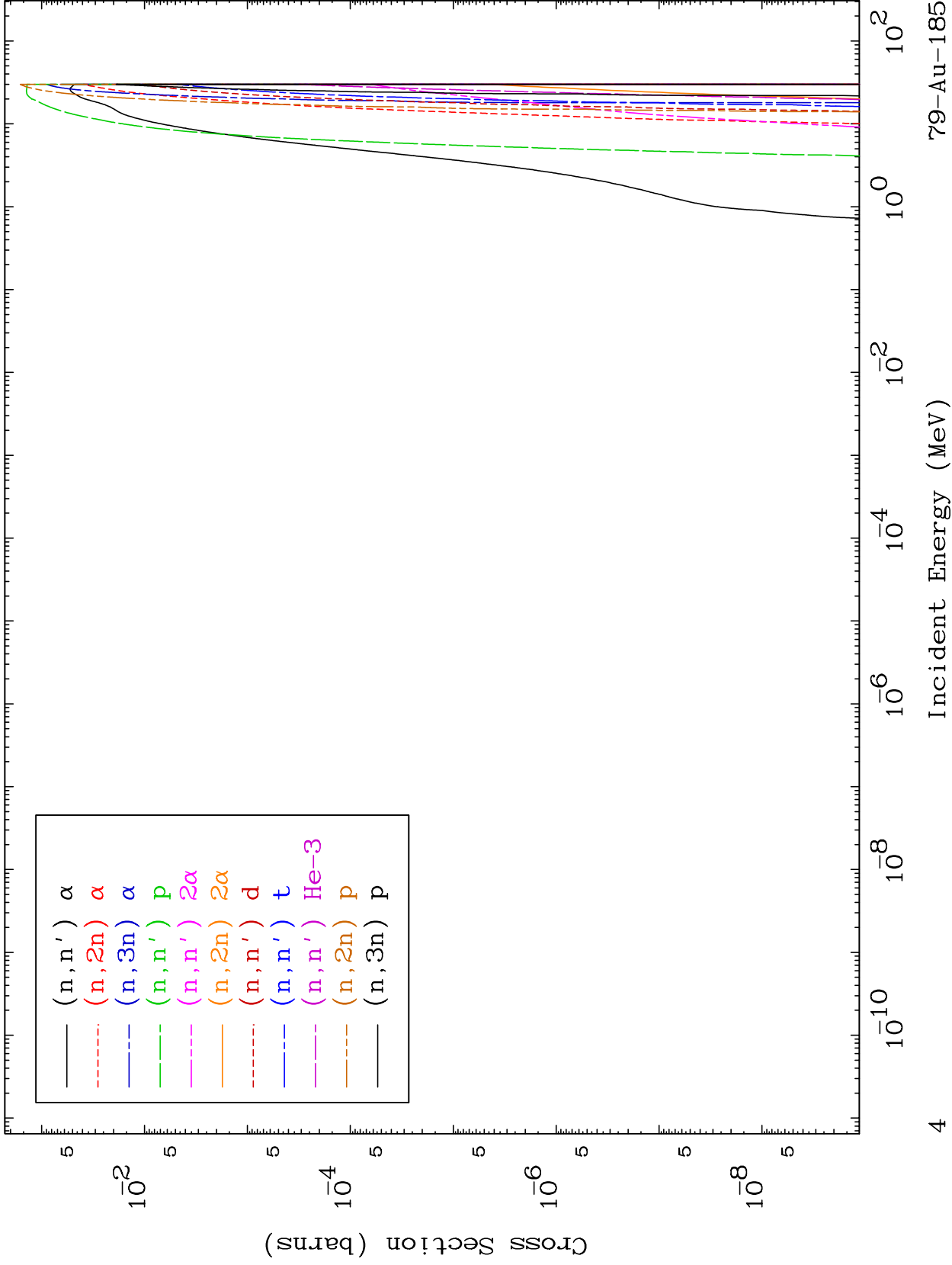
79-Au-185



MAT 7889

Charged Particle  
293 Kelvin Cross Sections

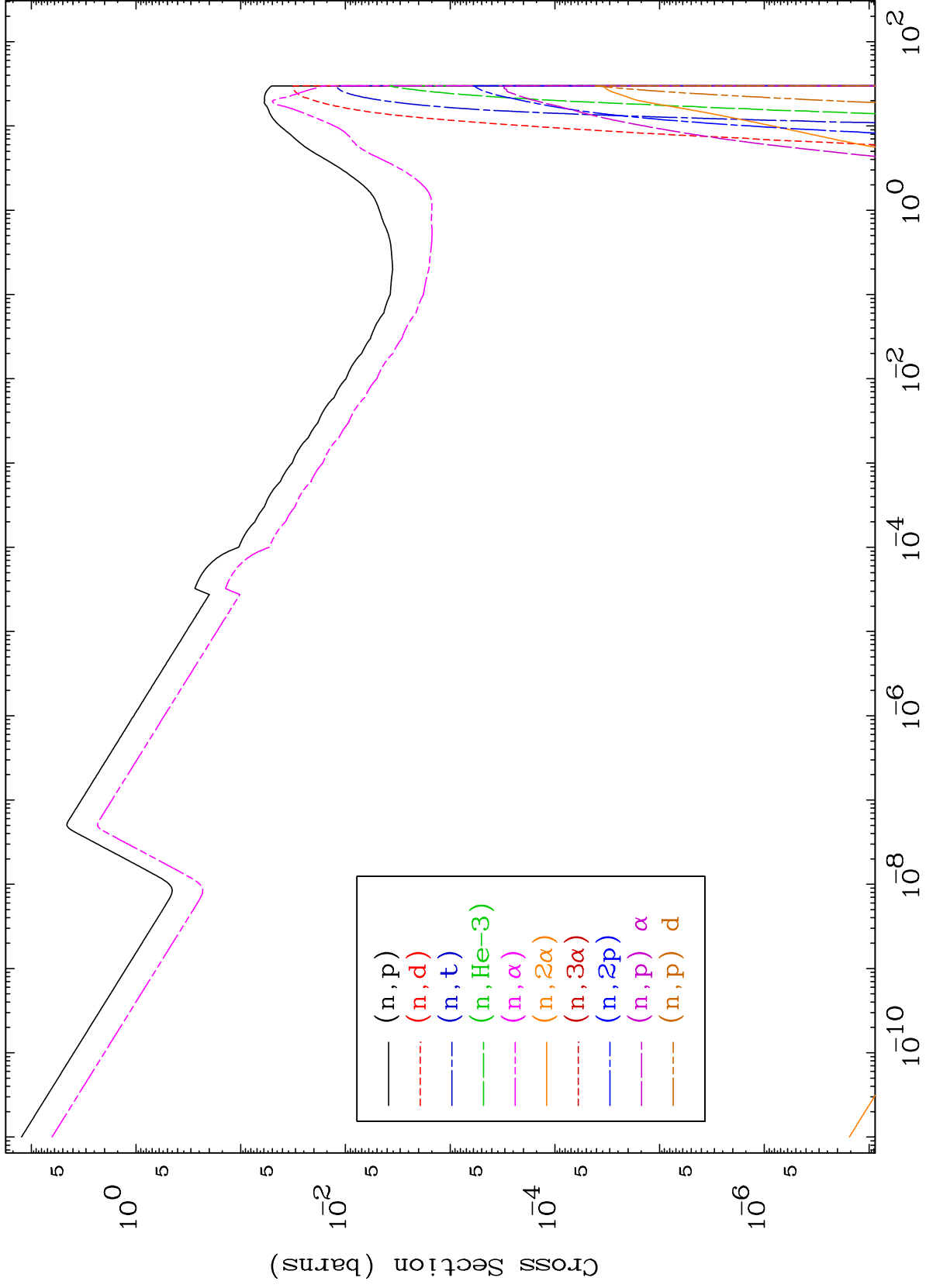
79-Au-185



MAT 7889

Charged Particle  
293 Kelvin Cross Sections

79-Au-185



5

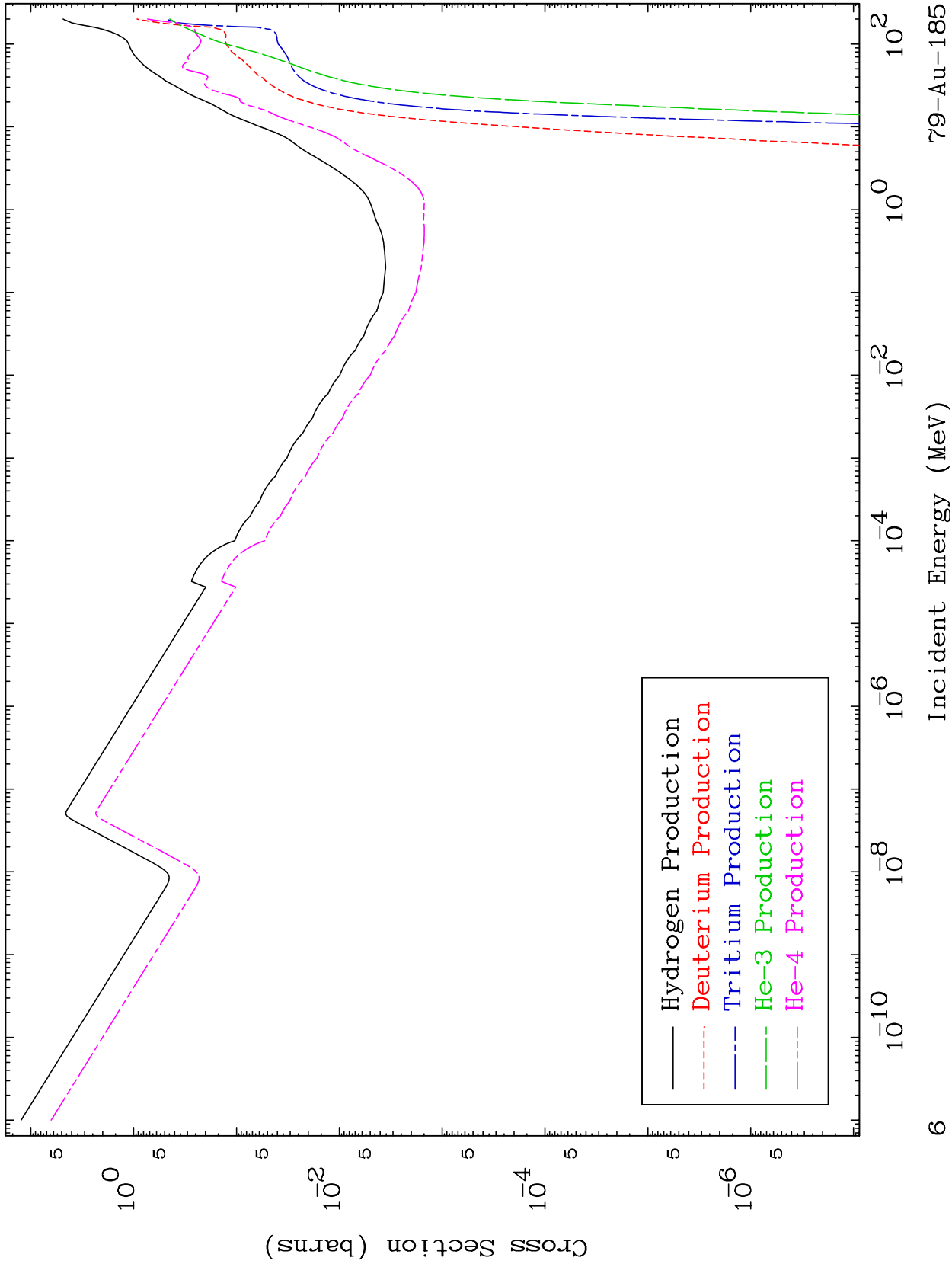
Incident Energy (MeV)

79-Au-185

MAT 7889

Particle Production  
293 Kelvin Cross Sections

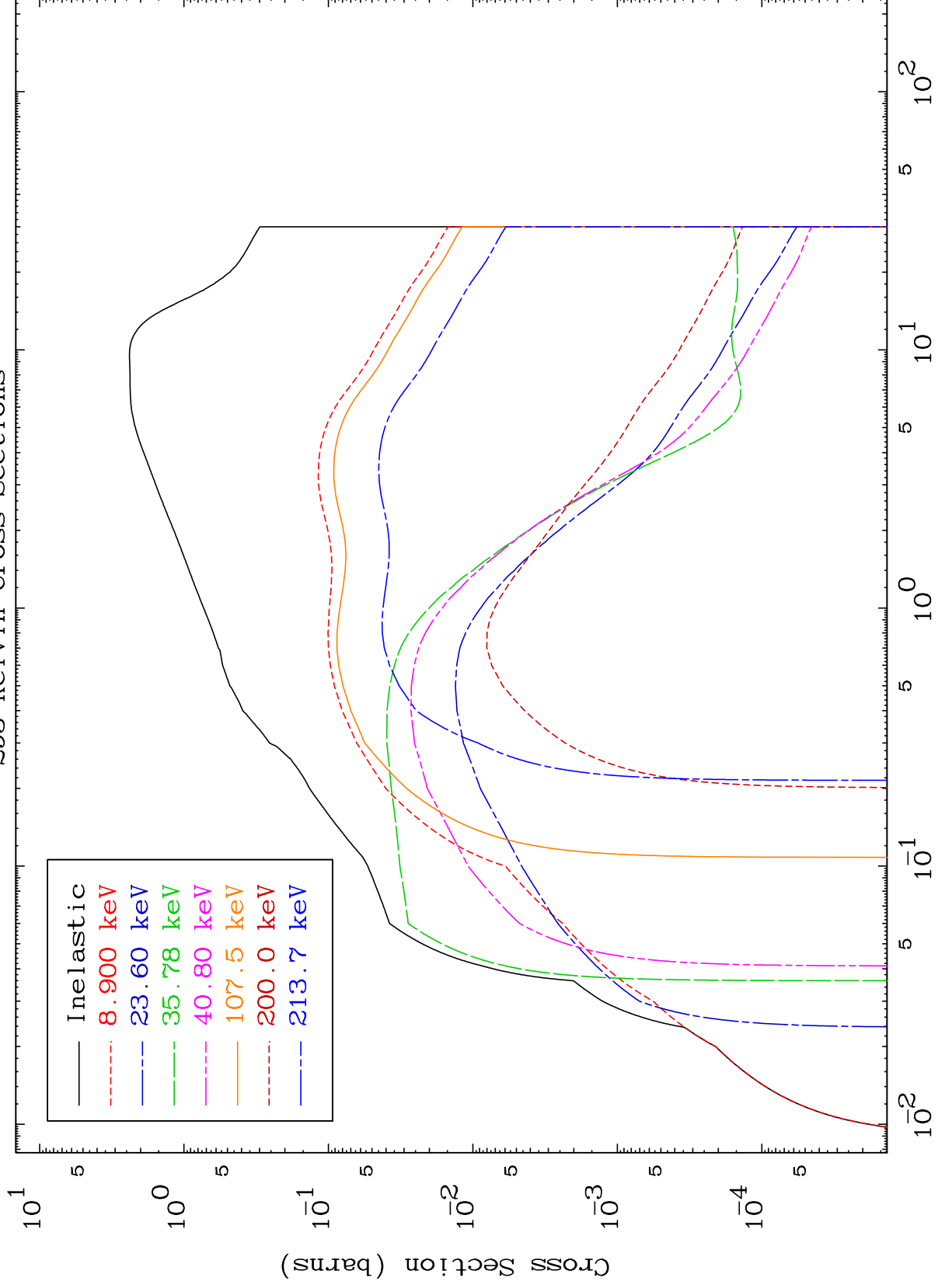
79-Au-185



MAT 7889

(n,n') Level  
293 Kelvin Cross Sections

79-Au-185



Incident Energy (MeV)

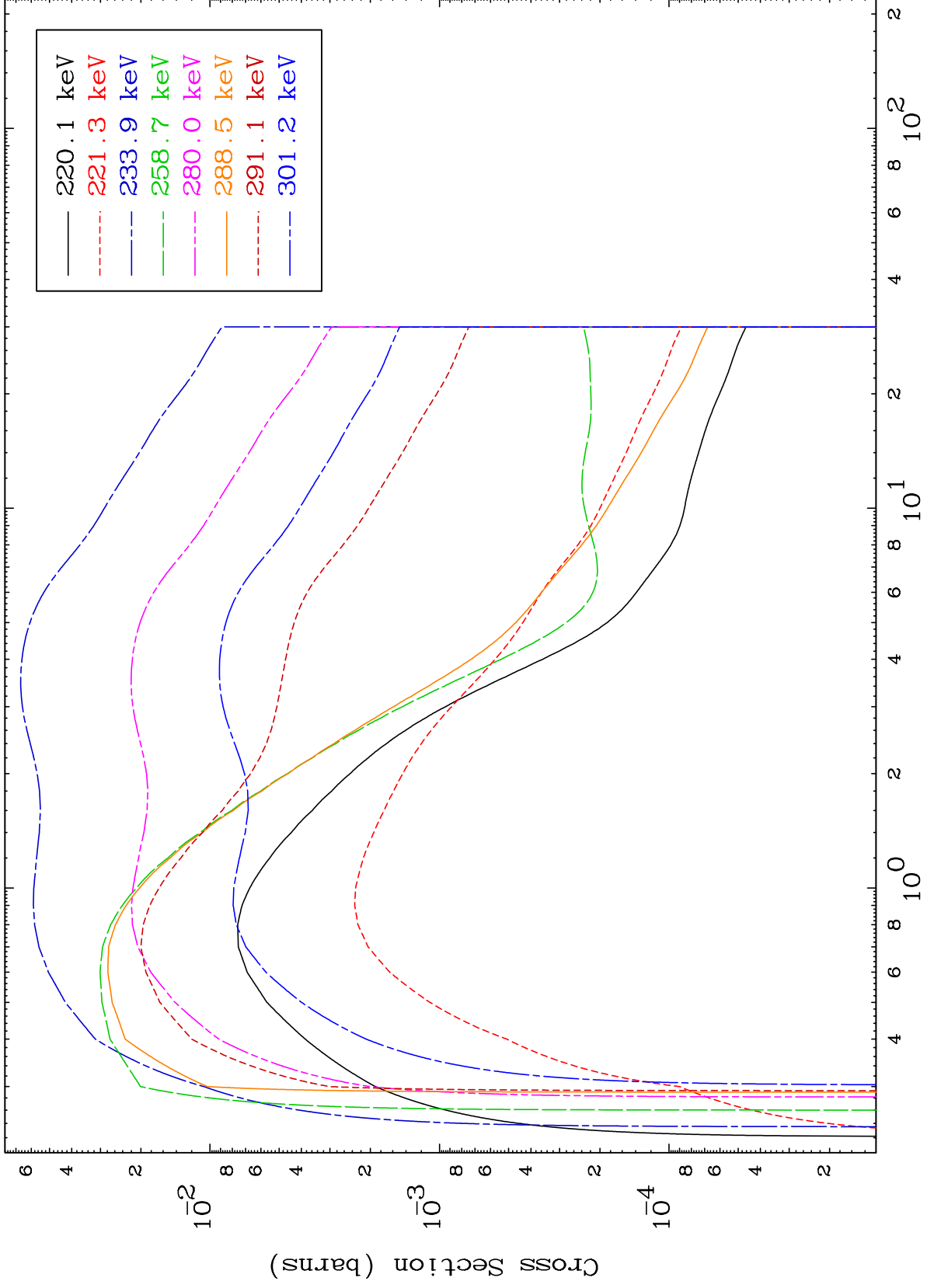
79-Au-185



MAT 7889

(n,n') Level  
293 Kelvin Cross Sections

79-Au-185



8

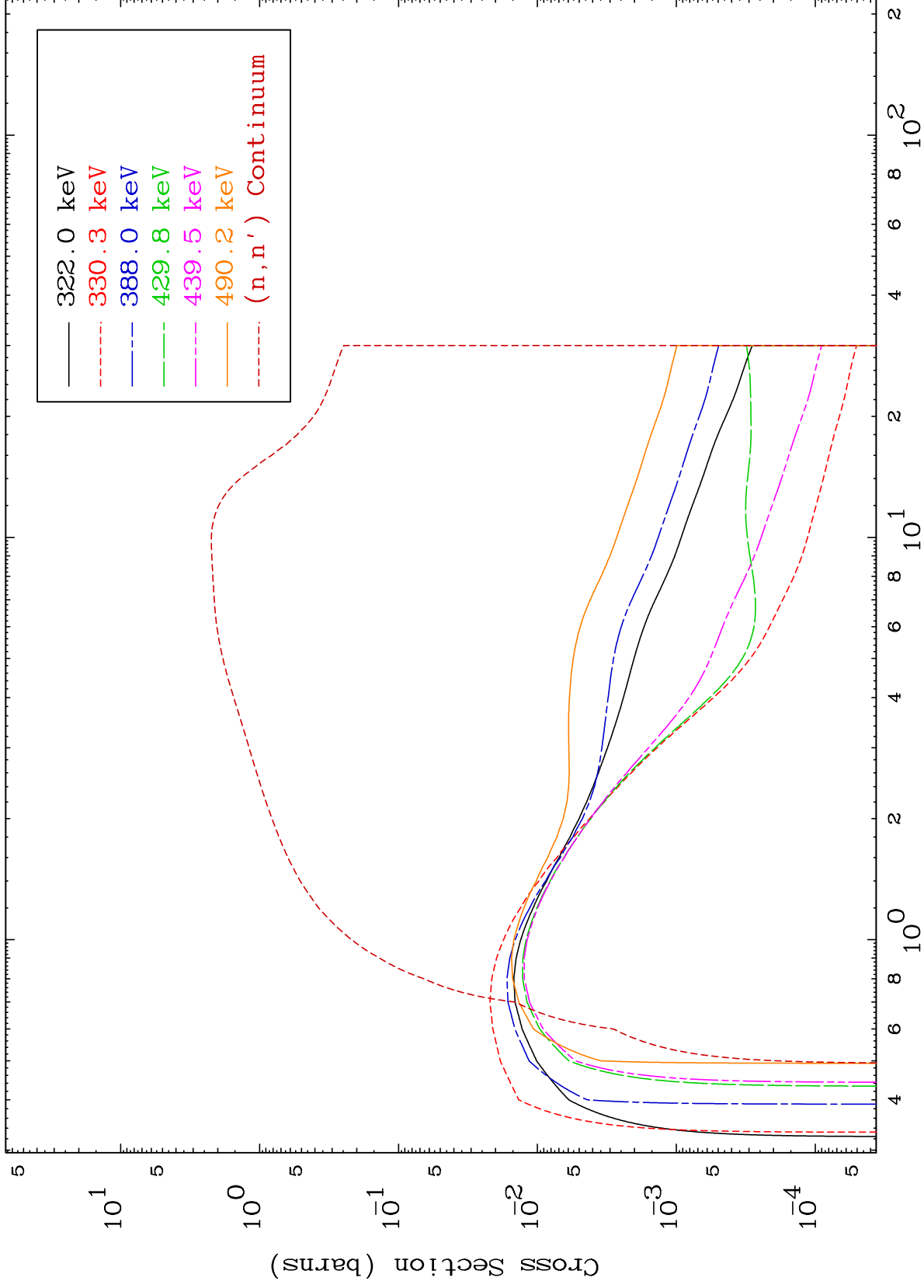
Incident Energy (MeV)

79-Au-185

MAT 7889

(n,n') Level  
293 Kelvin Cross Sections

79-Au-185



9

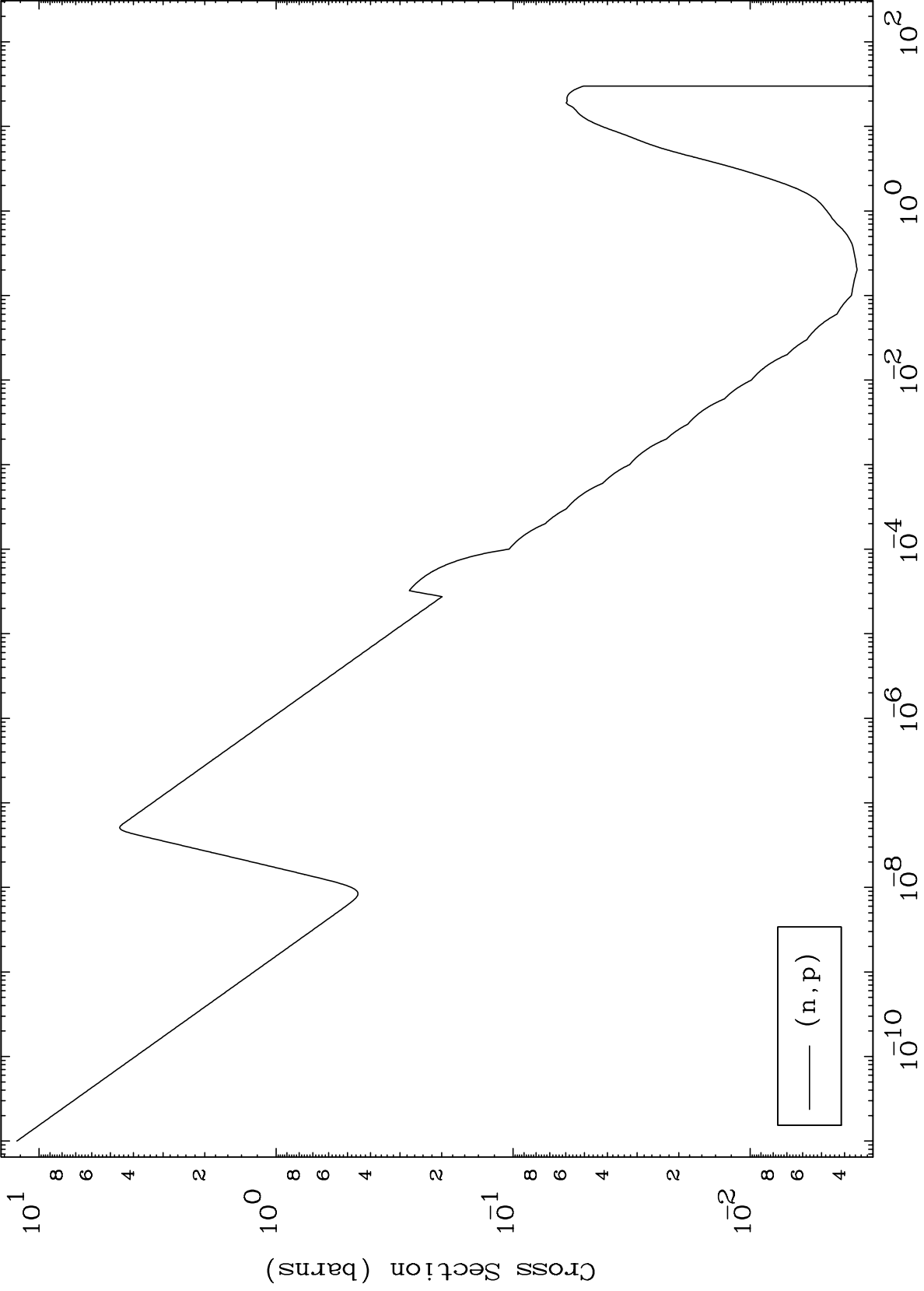
Incident Energy (MeV)

79-Au-185

MAT 7889

(n,p) Levels  
293 Kelvin Cross Sections

79-Au-185



10

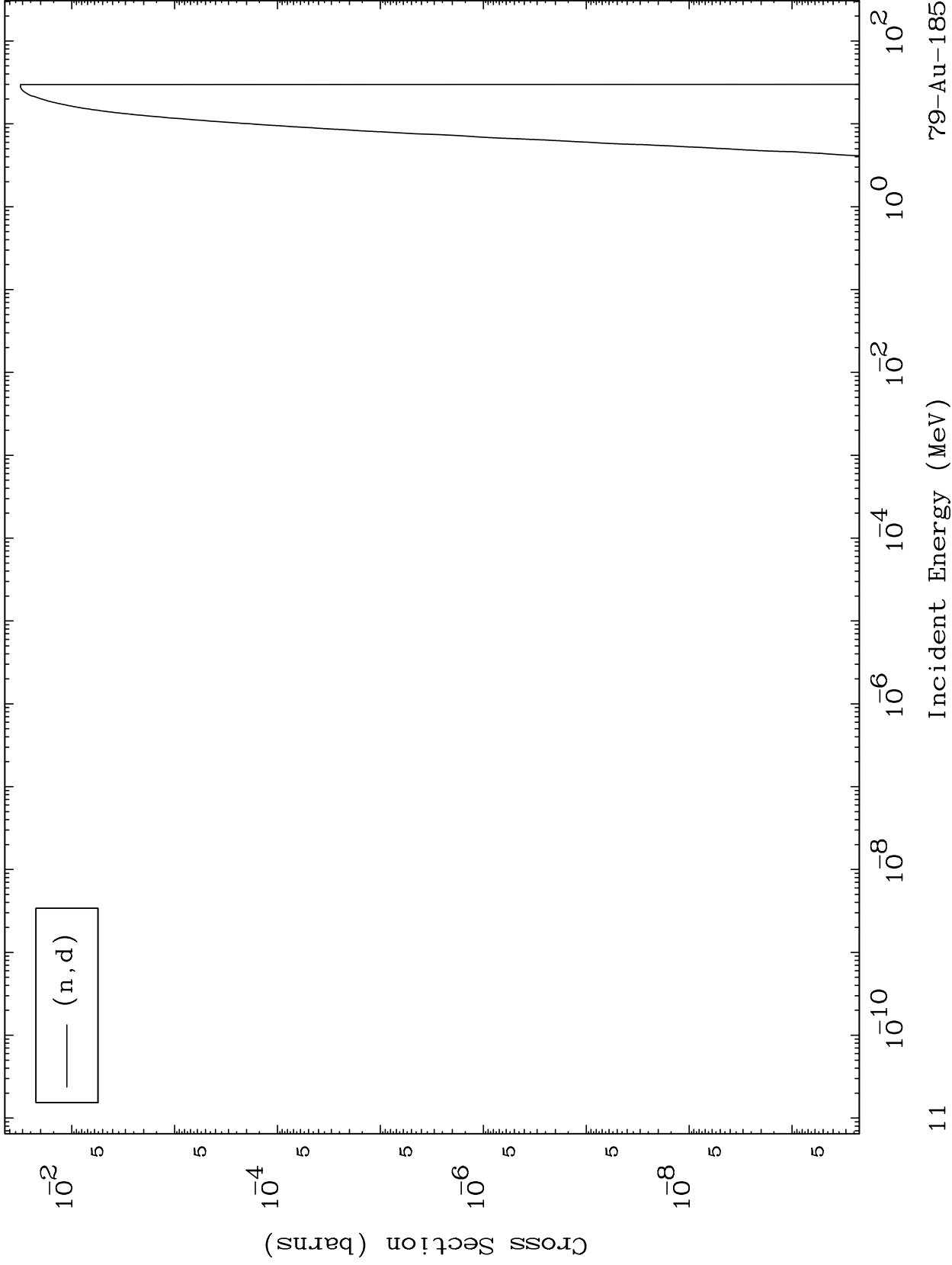
Incident Energy (MeV)

79-Au-185

MAT 7889

(n,d) Levels  
293 Kelvin Cross Sections

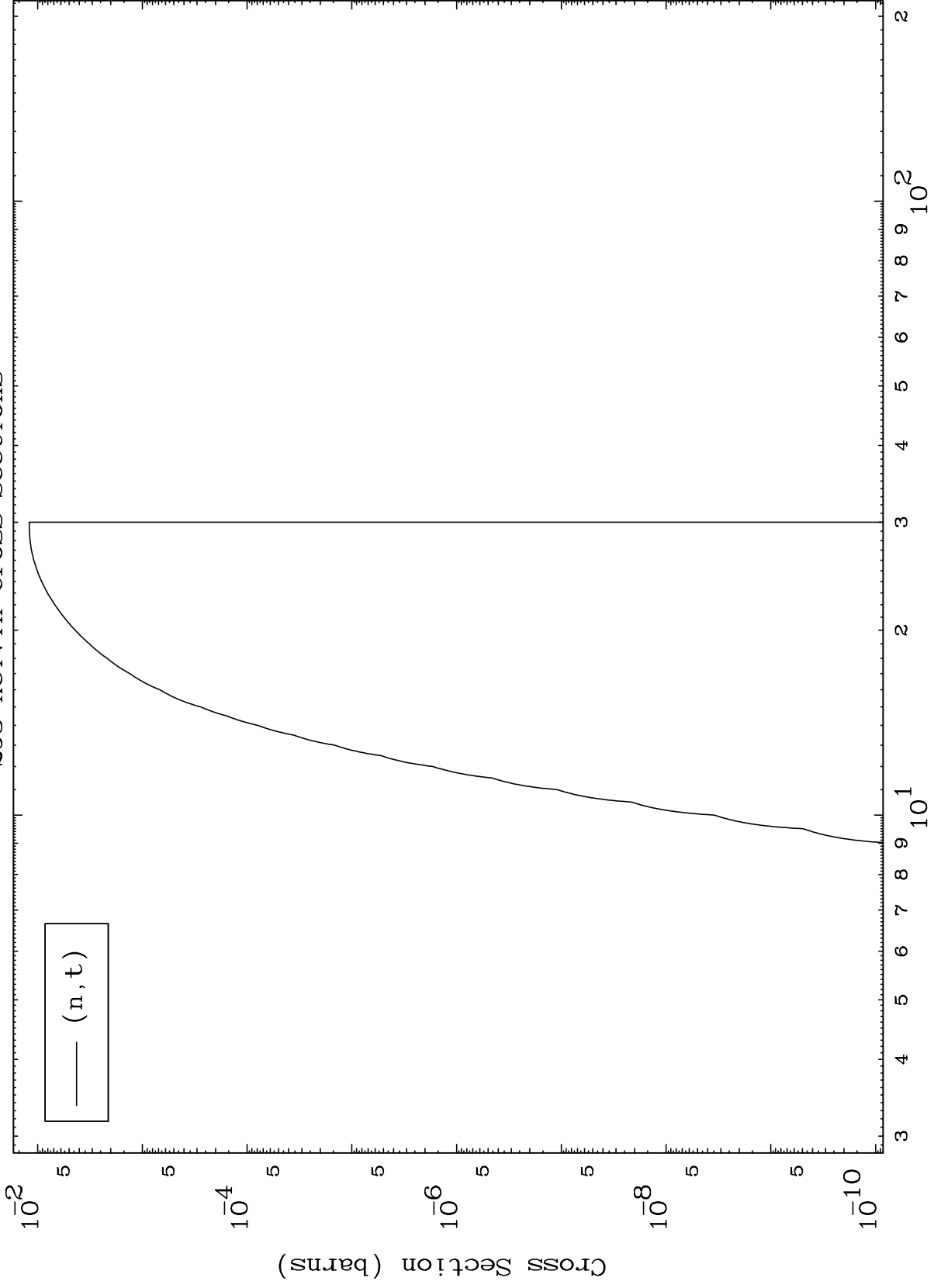
79-Au-185



MAT 7889

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-185



12

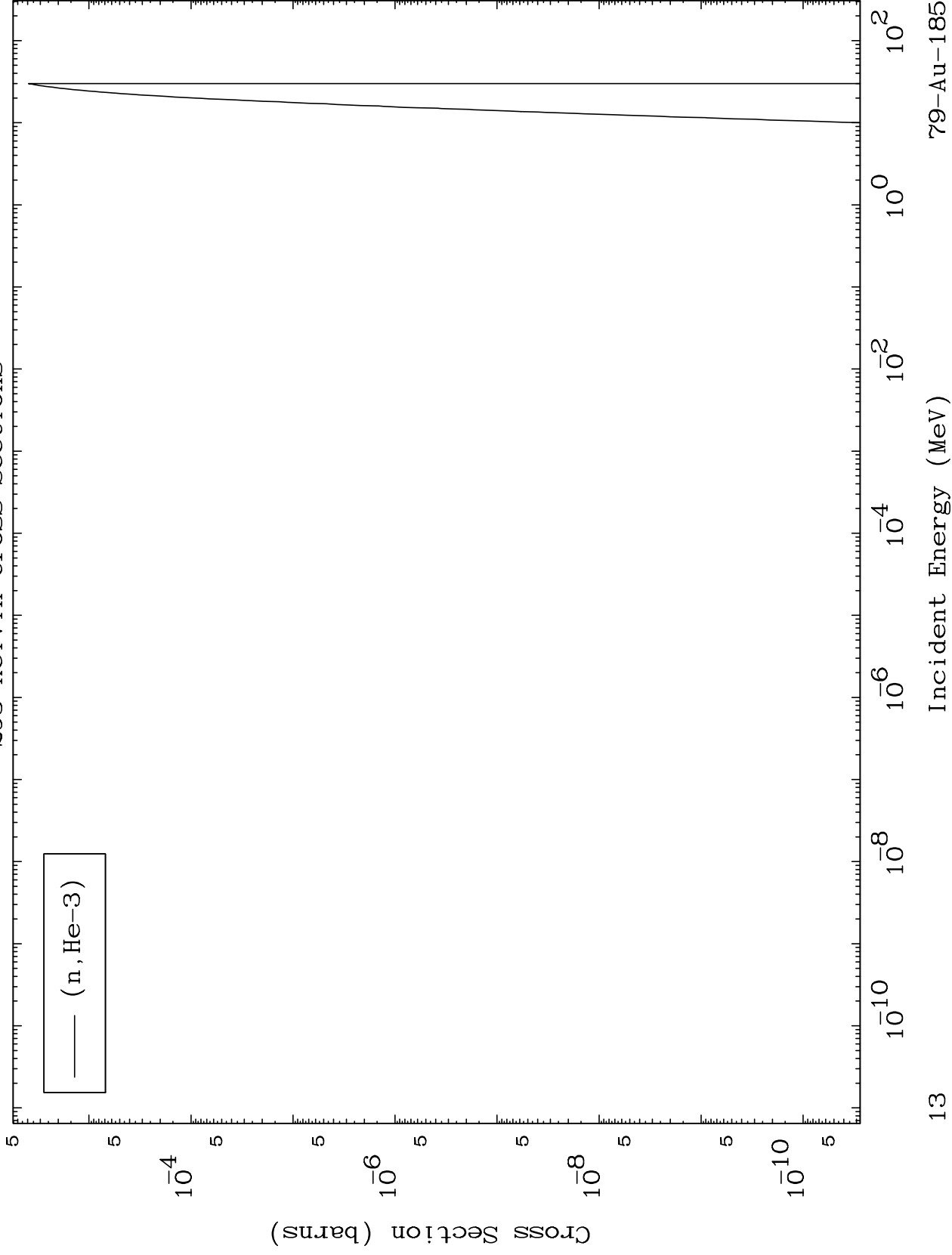
Incident Energy (MeV)

79-Au-185

MAT 7889

(n,He3) Levels  
293 Kelvin Cross Sections

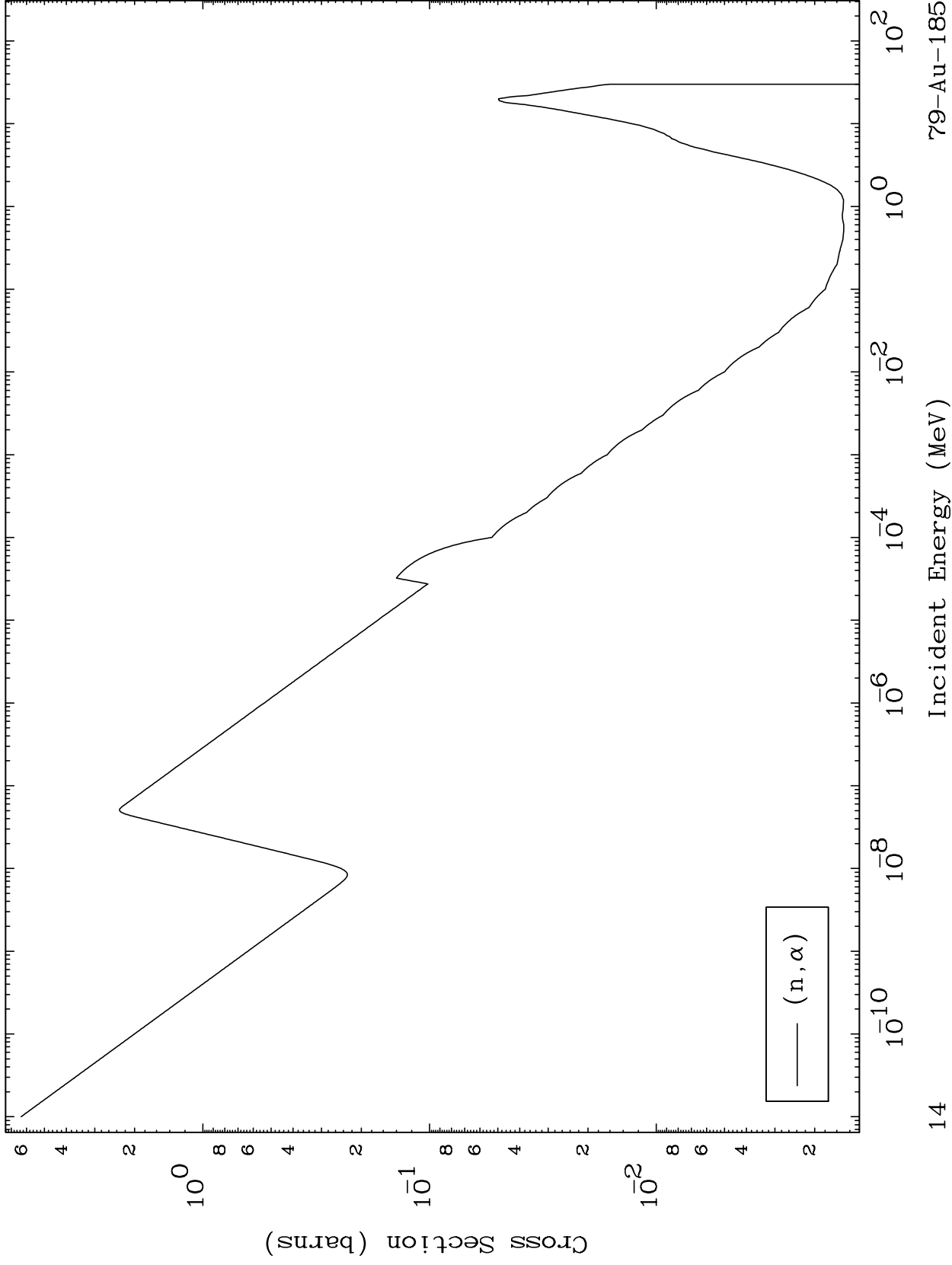
79-Au-185



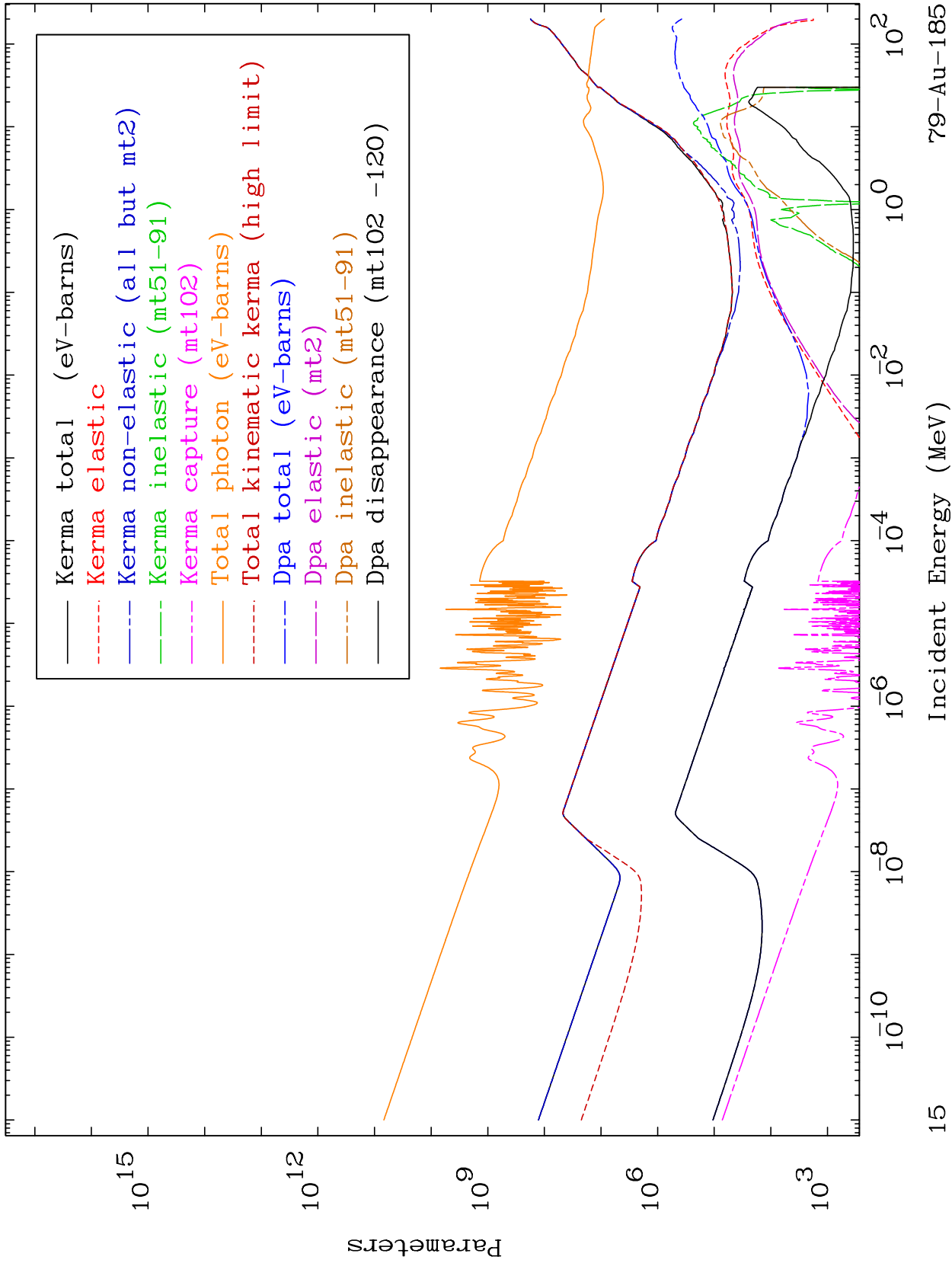
MAT 7889

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

79-Au-185



79-Au-185

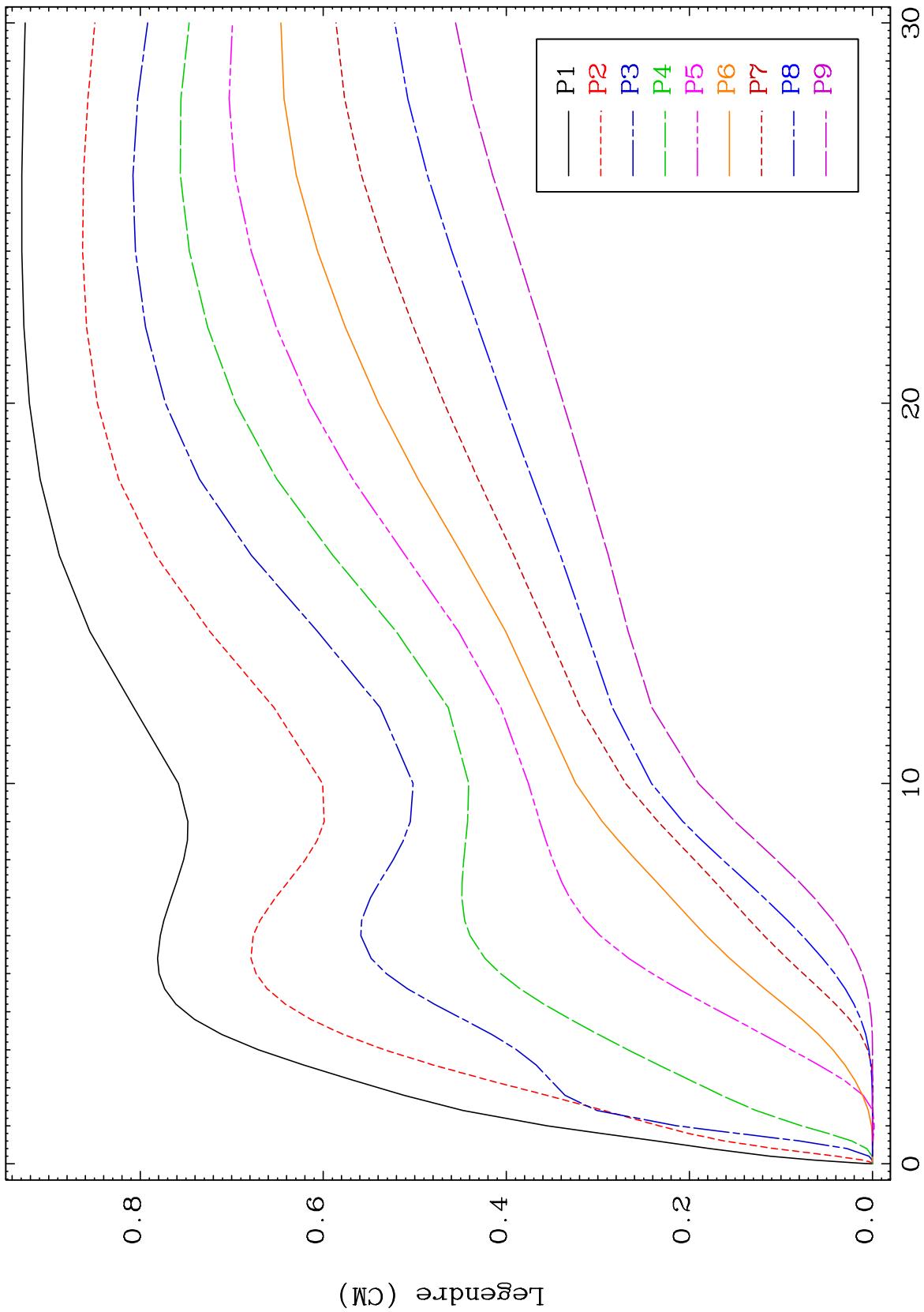




MAT 7889

79-Au-185

Elastic Legendre Coefficients



16

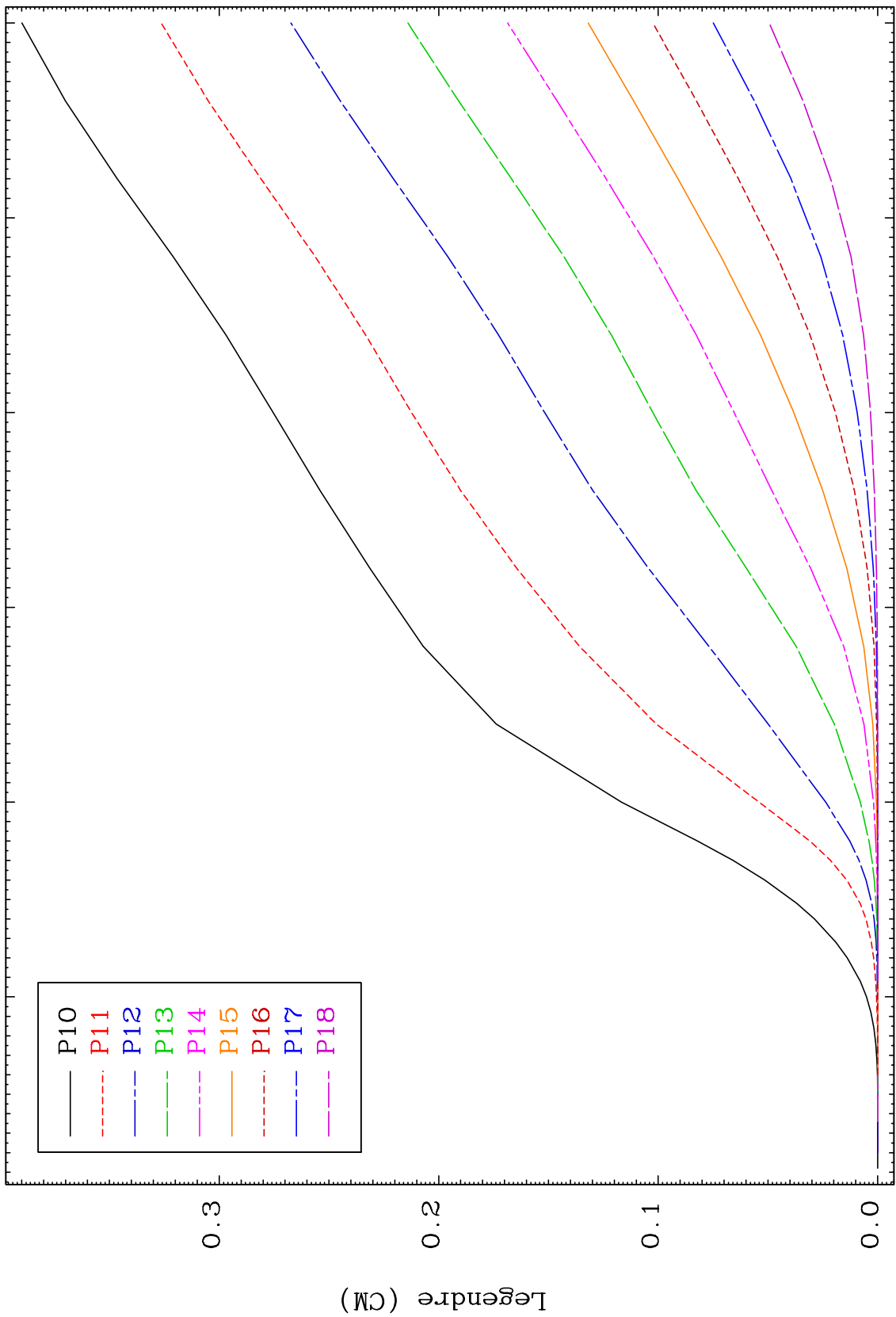
Incident Energy (MeV)

79-Au-185

MAT 7889

Elastic Legendre Coefficients

<sup>79</sup>Au-185



17

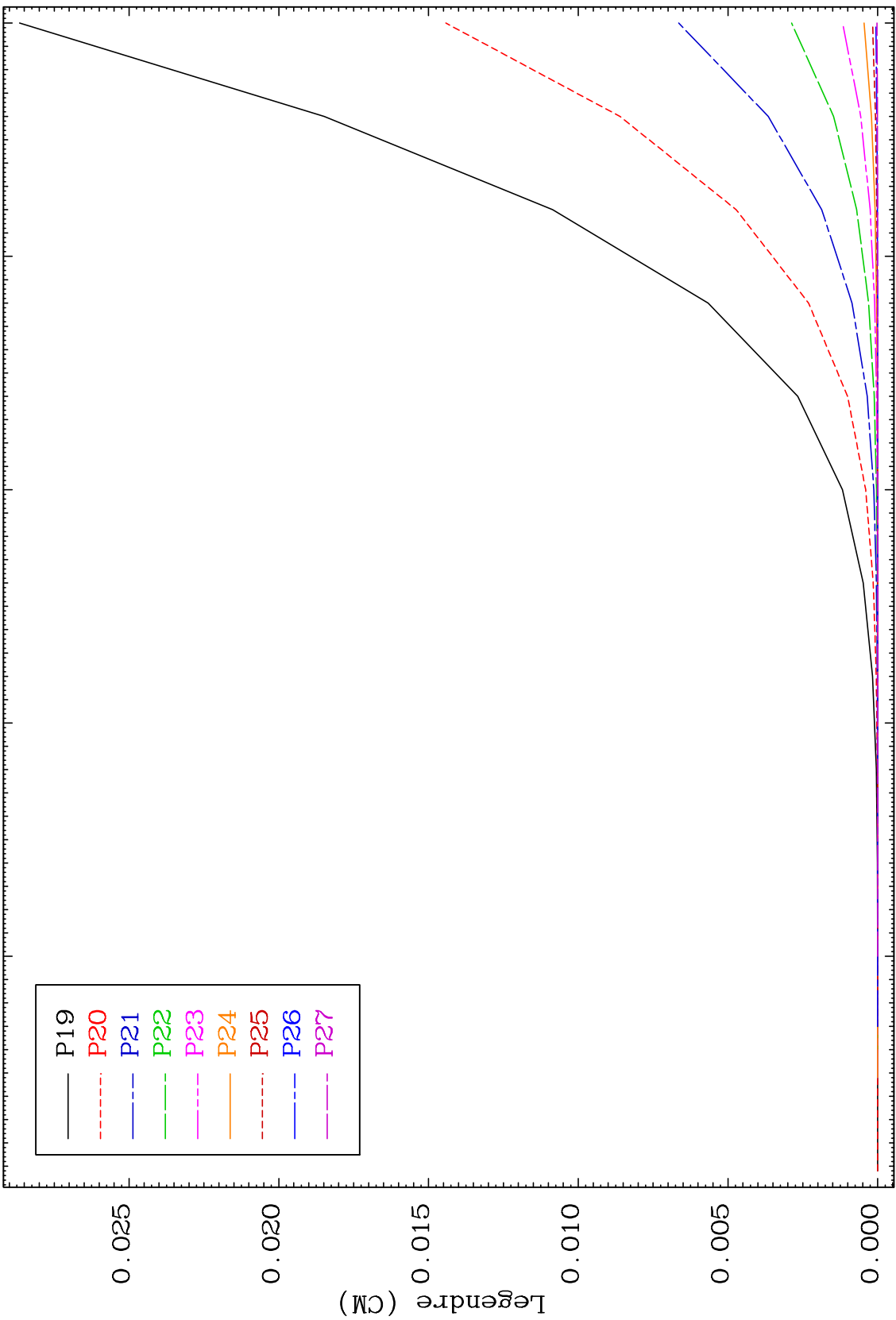
<sup>79</sup>Au-185

Incident Energy (MeV)

MAT 7889

Elastic Legendre Coefficients

79-Au-185



18

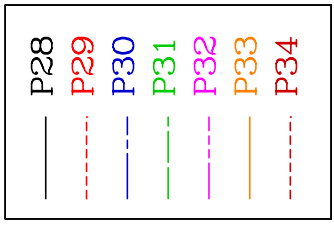
Incident Energy (MeV)

79-Au-185

MAT 7889

Elastic  
Legendre Coefficients

79-Au-185



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

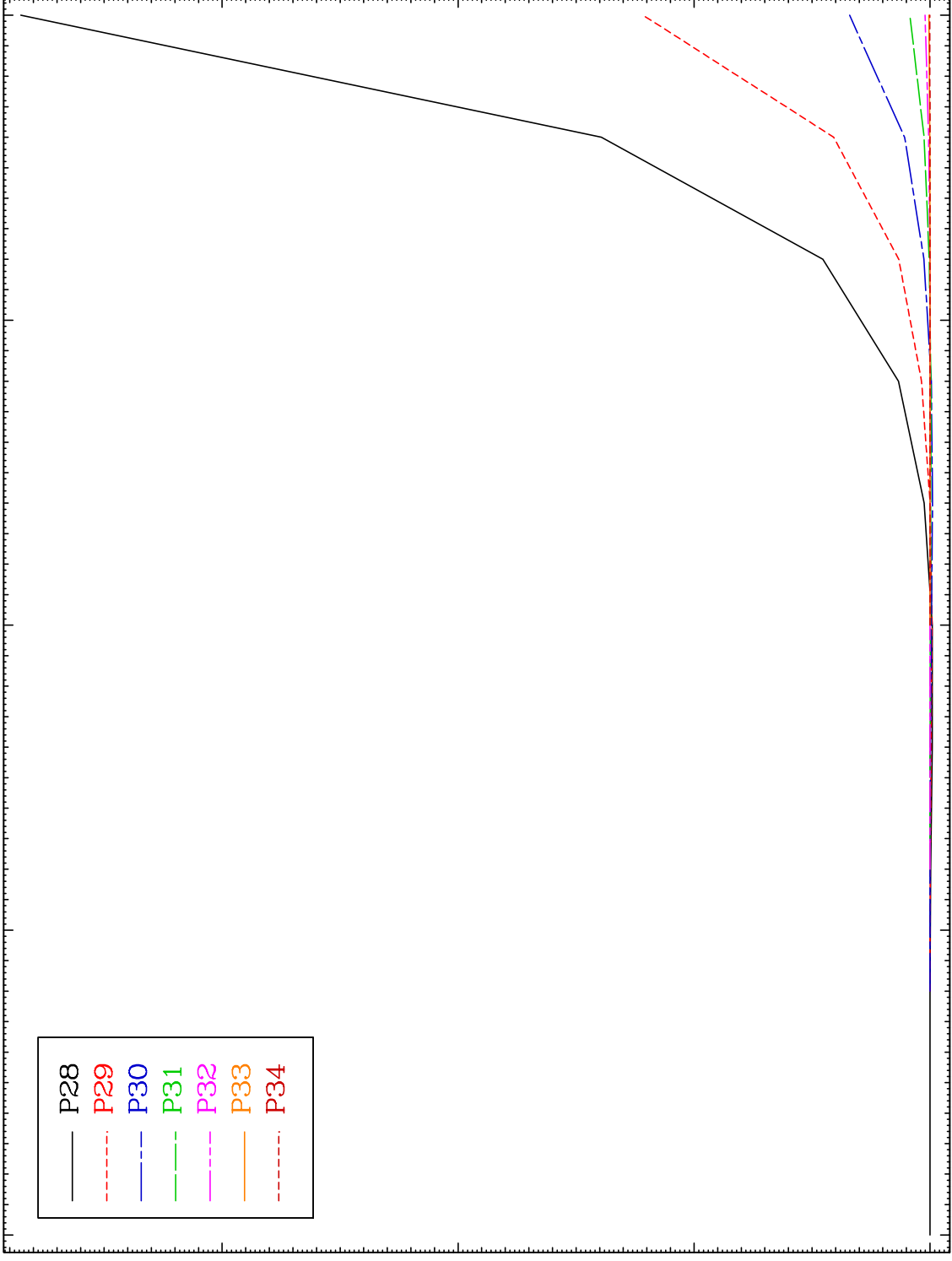
25

30

19

Incident Energy (MeV)

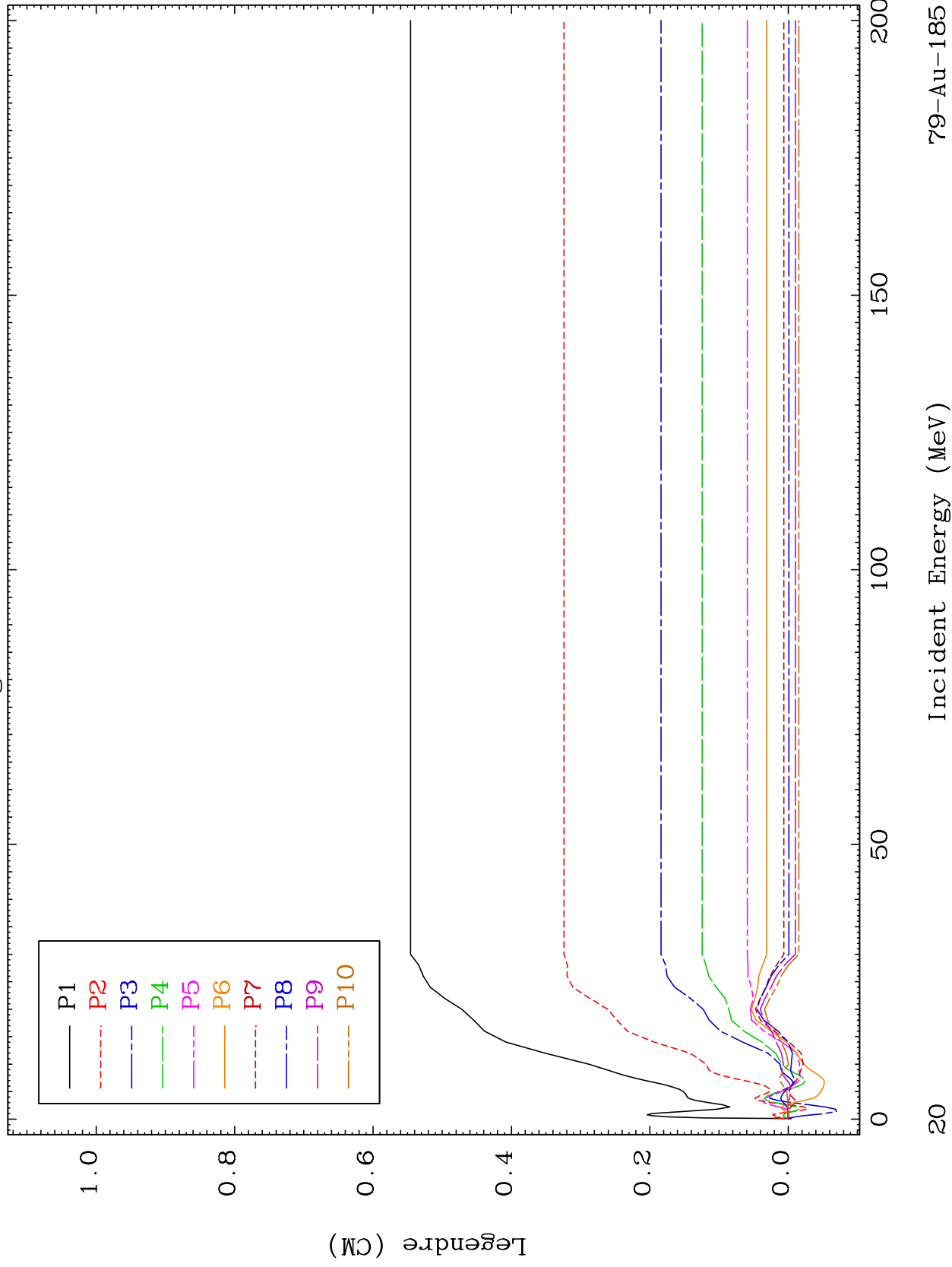
79-Au-185



MAT 7889

8.900 keV (n,n') Level  
Legendre Coefficients

79-Au-185



79-Au-185

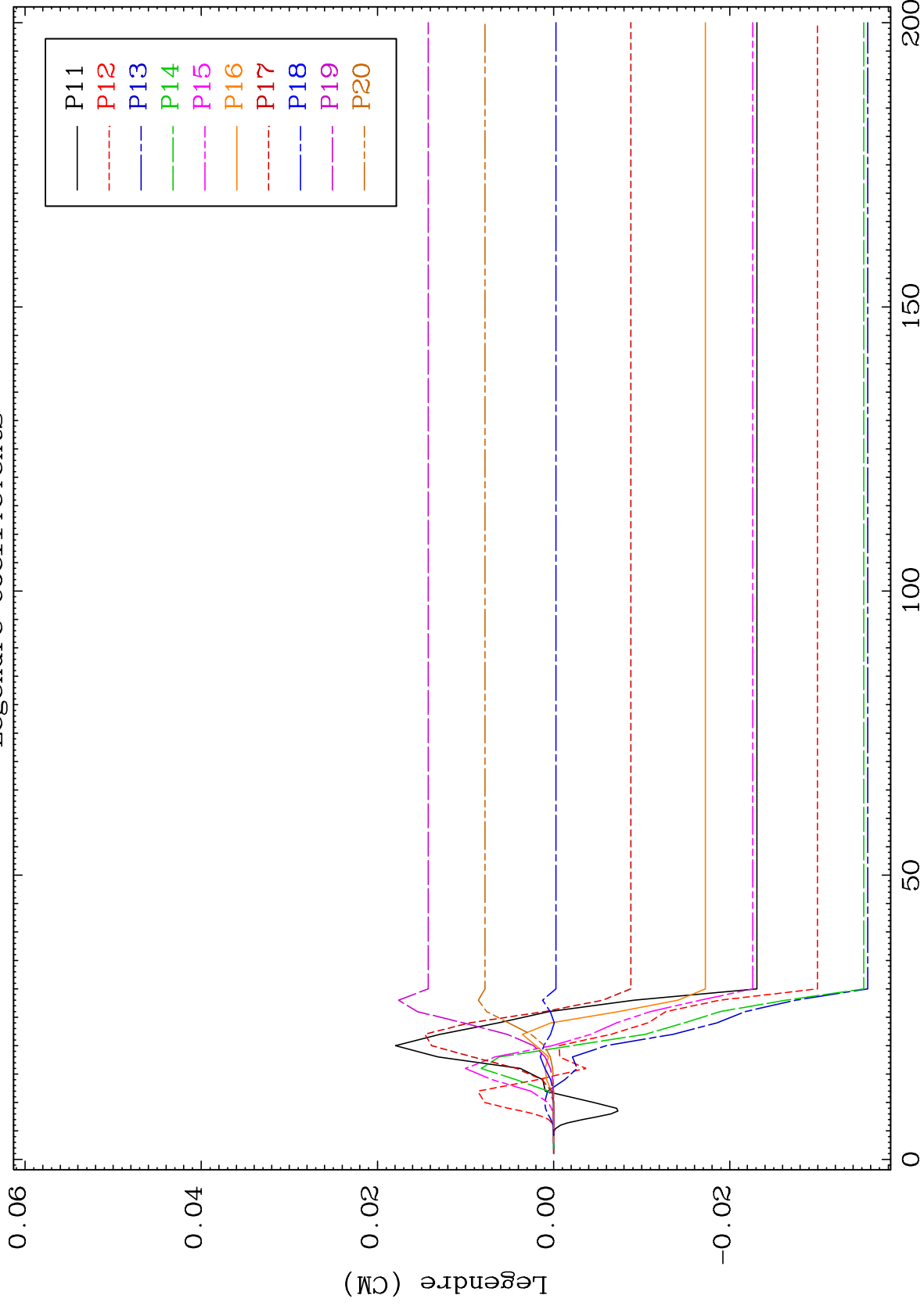
Incident Energy (MeV)

0

MAT 7889

8.900 keV (n,n') Level  
Legendre Coefficients

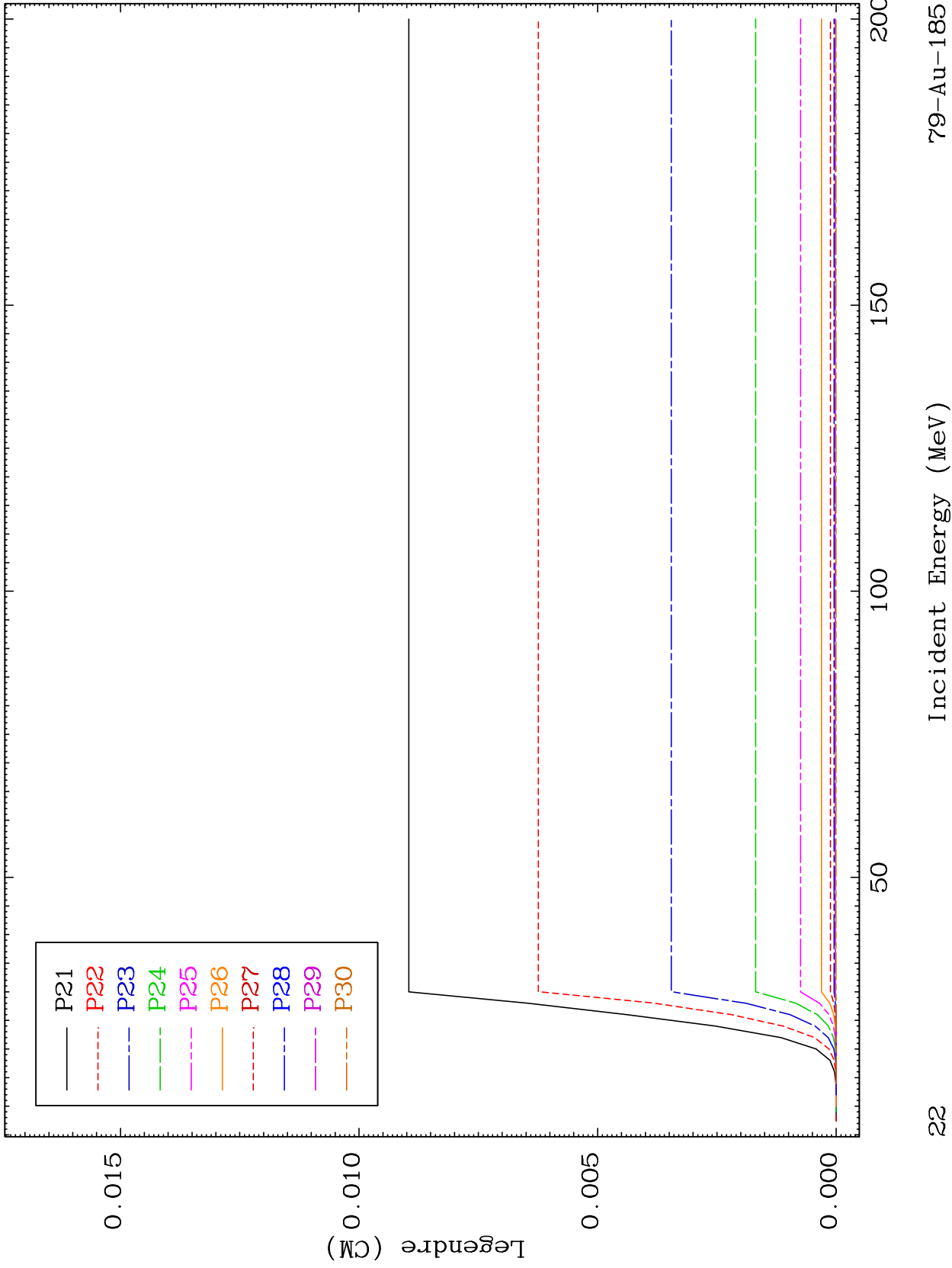
79-Au-185



MAT 7889

8.900 keV (n,n') Level  
Legendre Coefficients

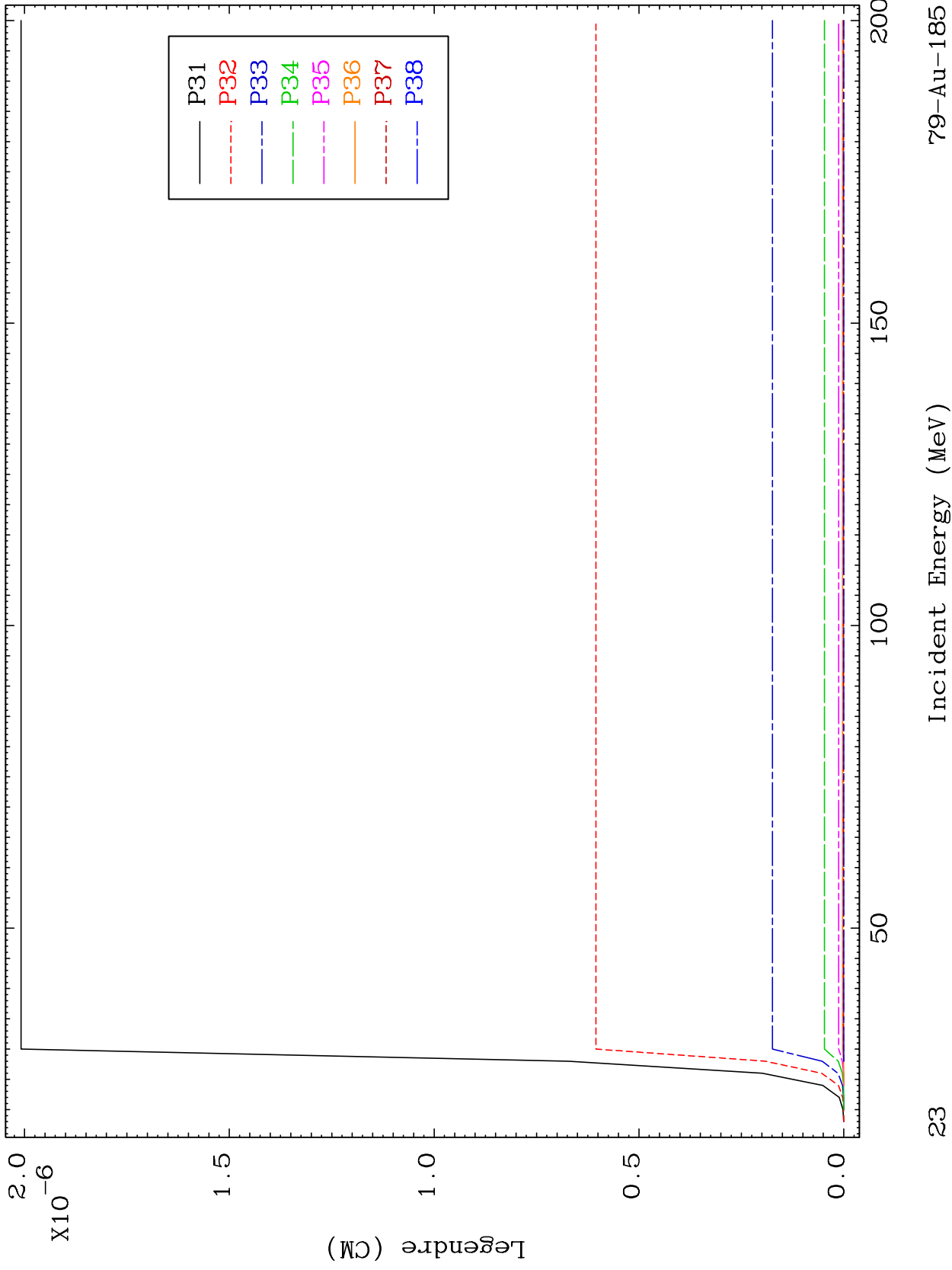
79-Au-185



MAT 7889

8.900 keV (n,n') Level  
Legendre Coefficients

79-Au-185



23

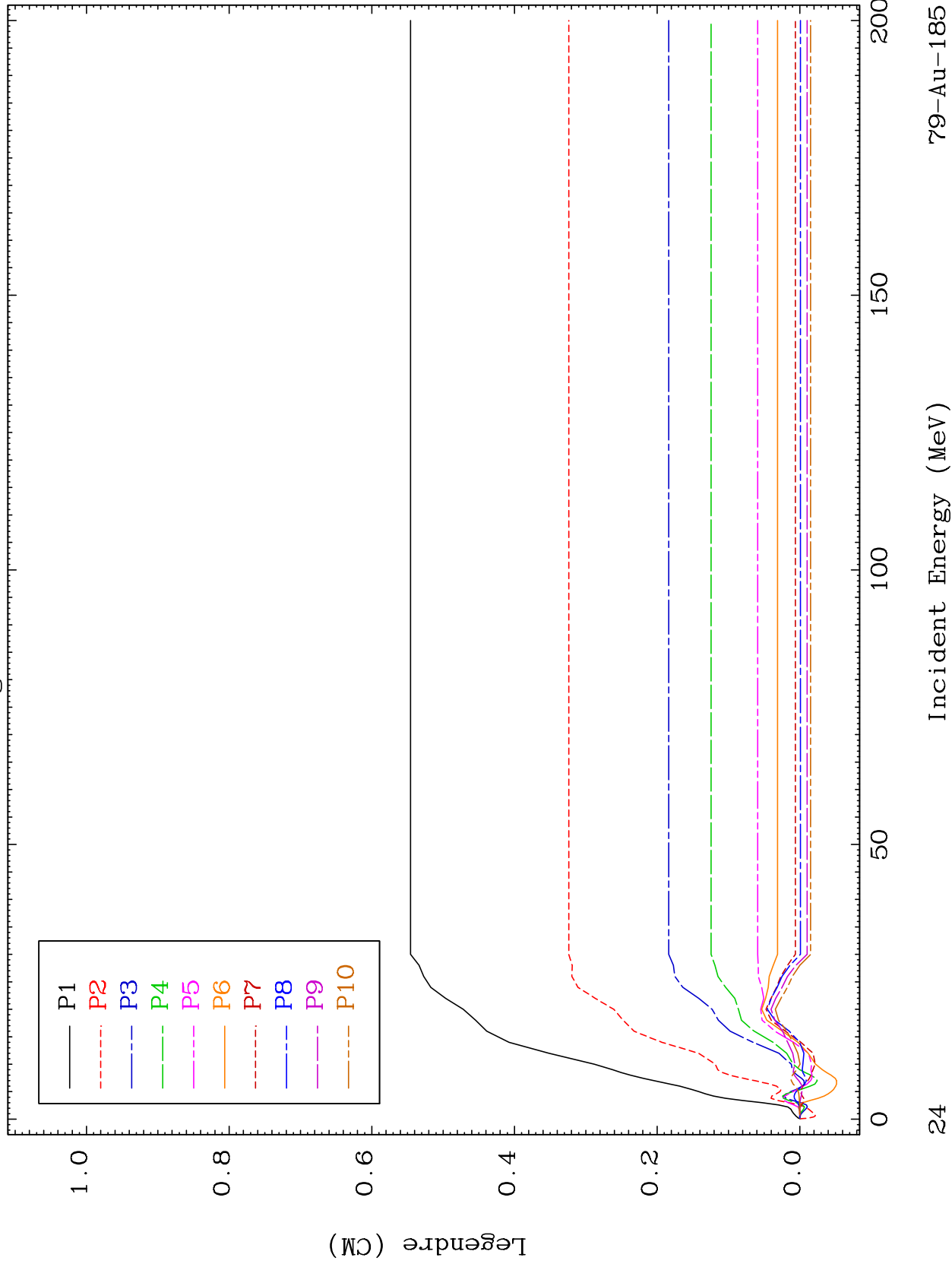
79-Au-185



MAT 7889

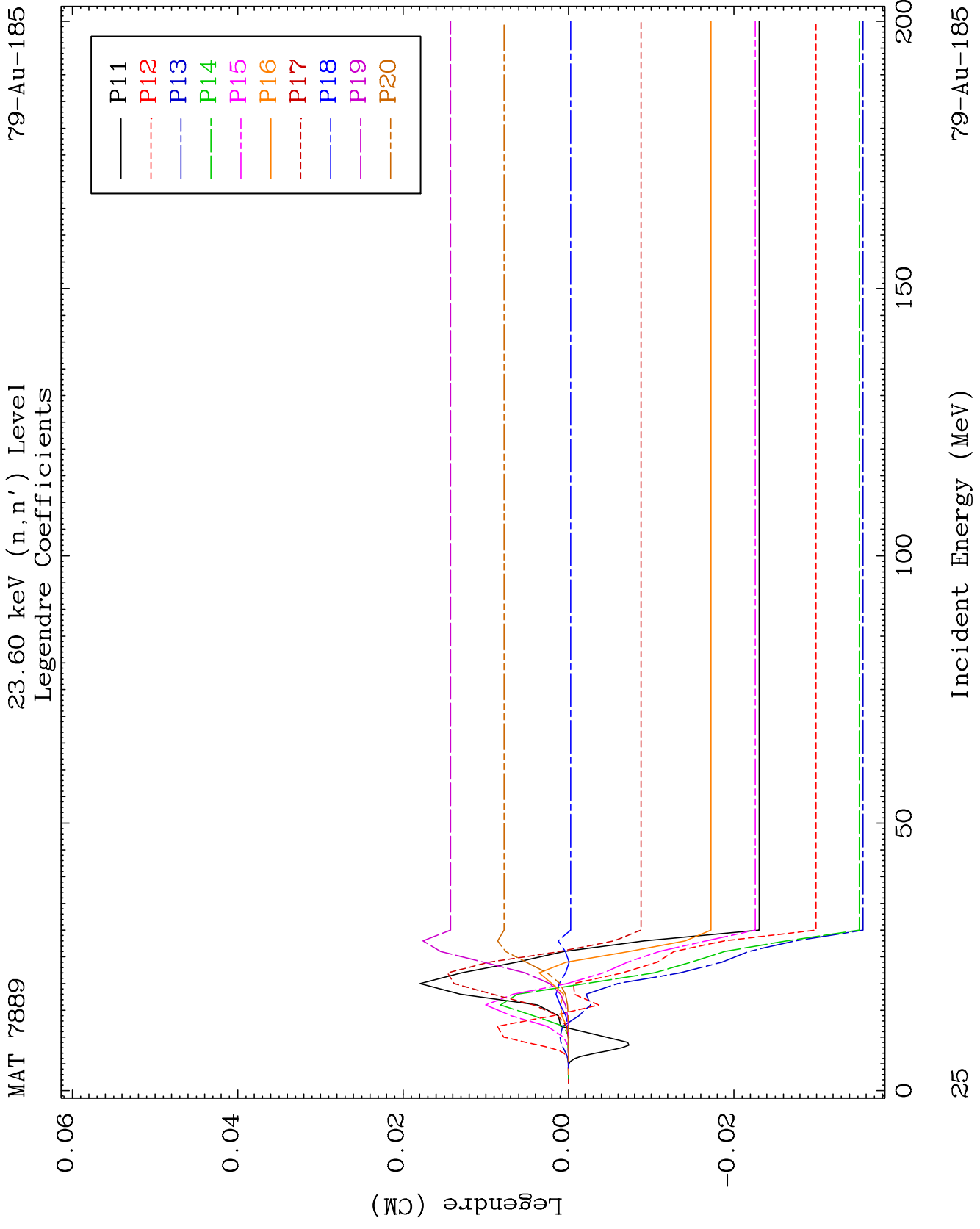
23.60 keV (n,n') Level  
Legendre Coefficients

79-Au-185



24

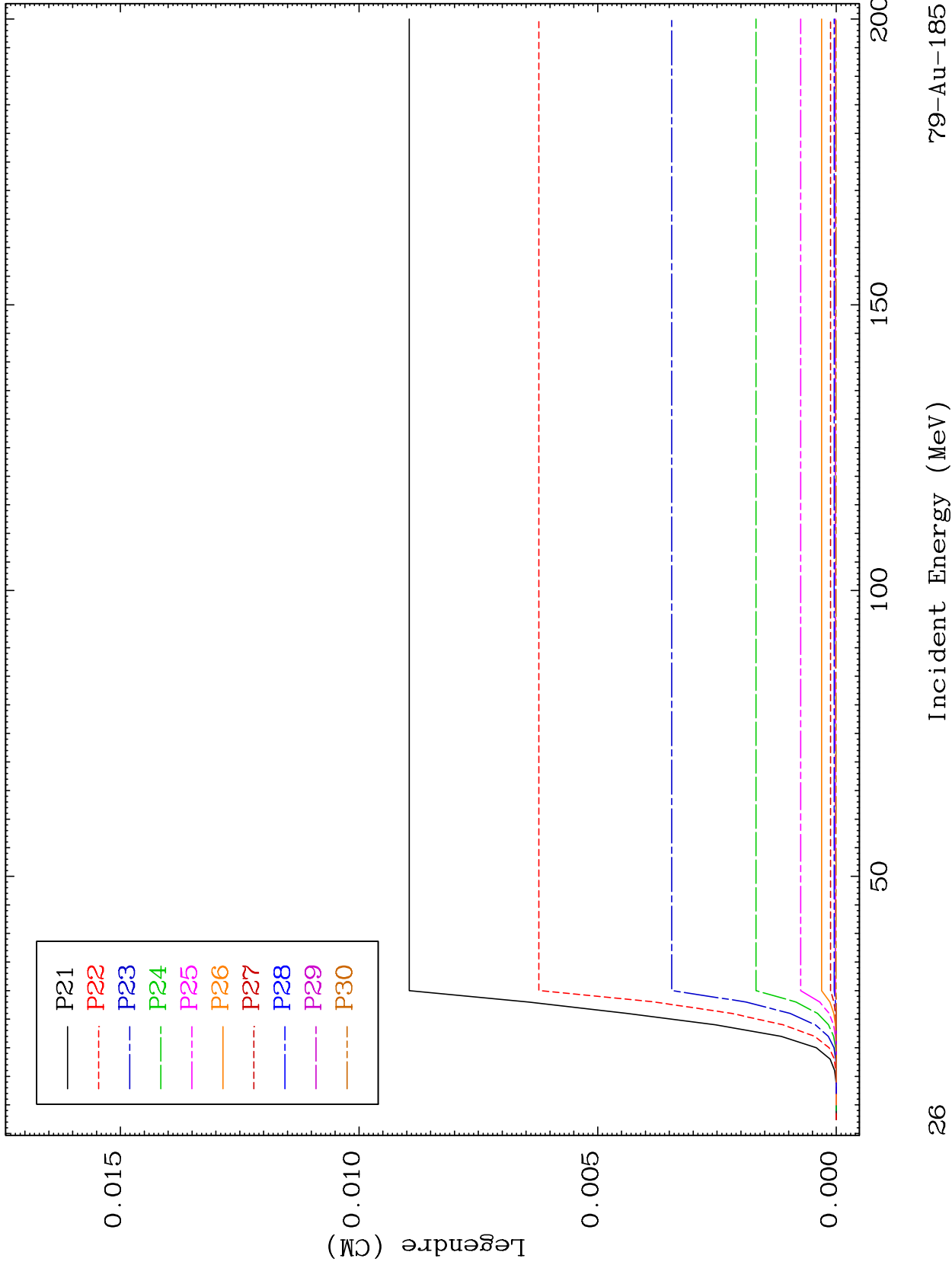
79-Au-185



MAT 7889

23.60 keV (n,n') Level  
Legendre Coefficients

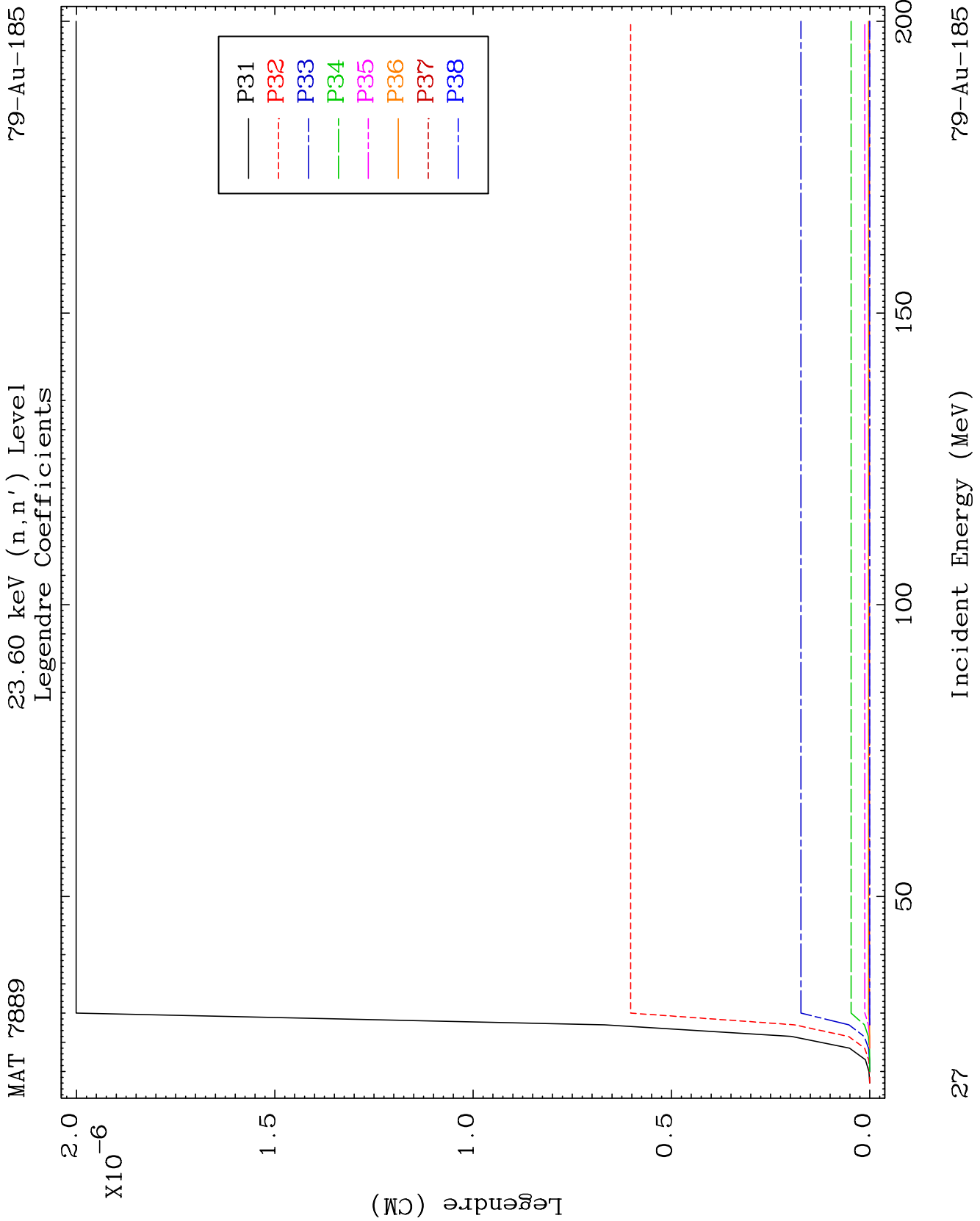
79-Au-185

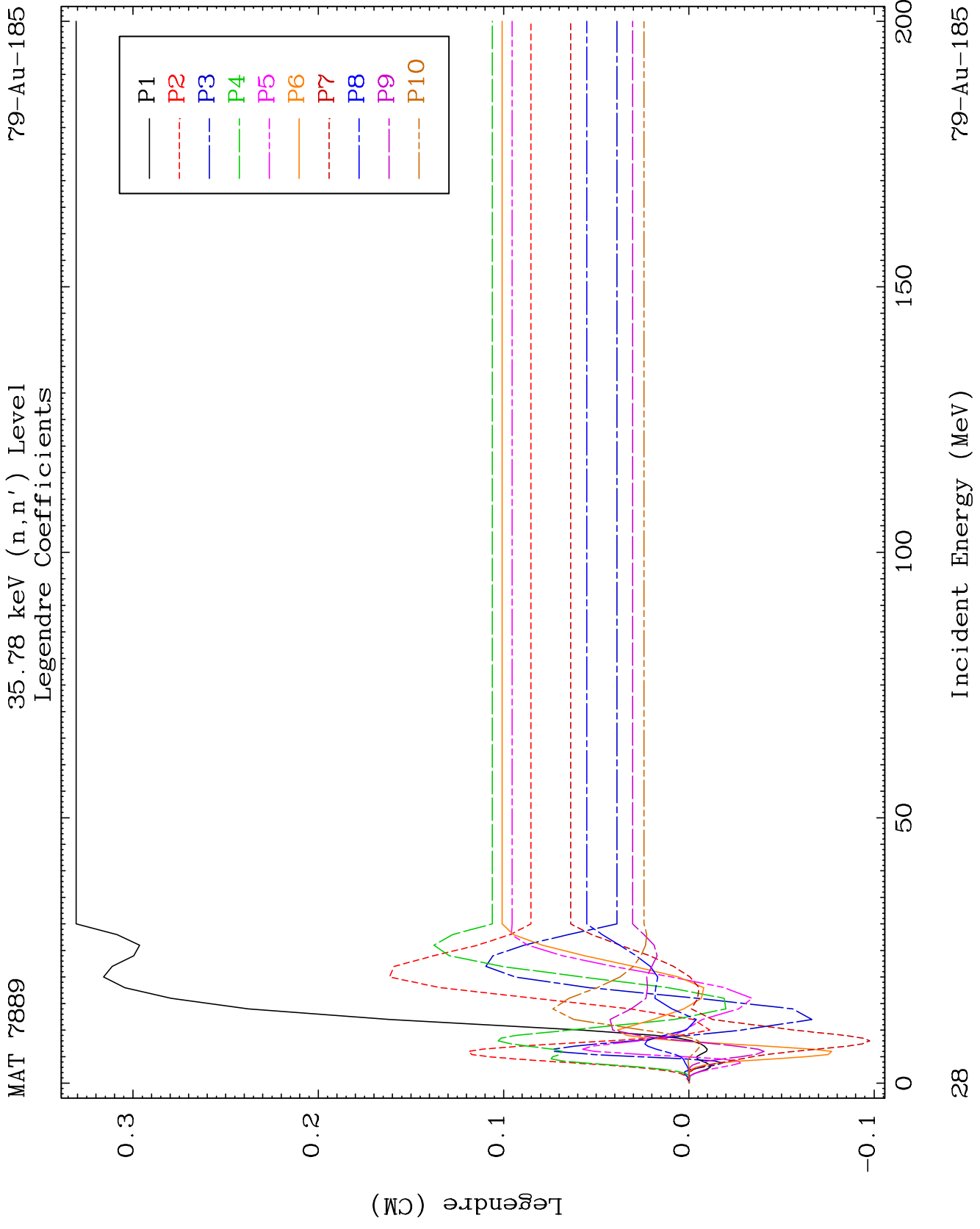


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Incident Energy (MeV)

79-Au-185

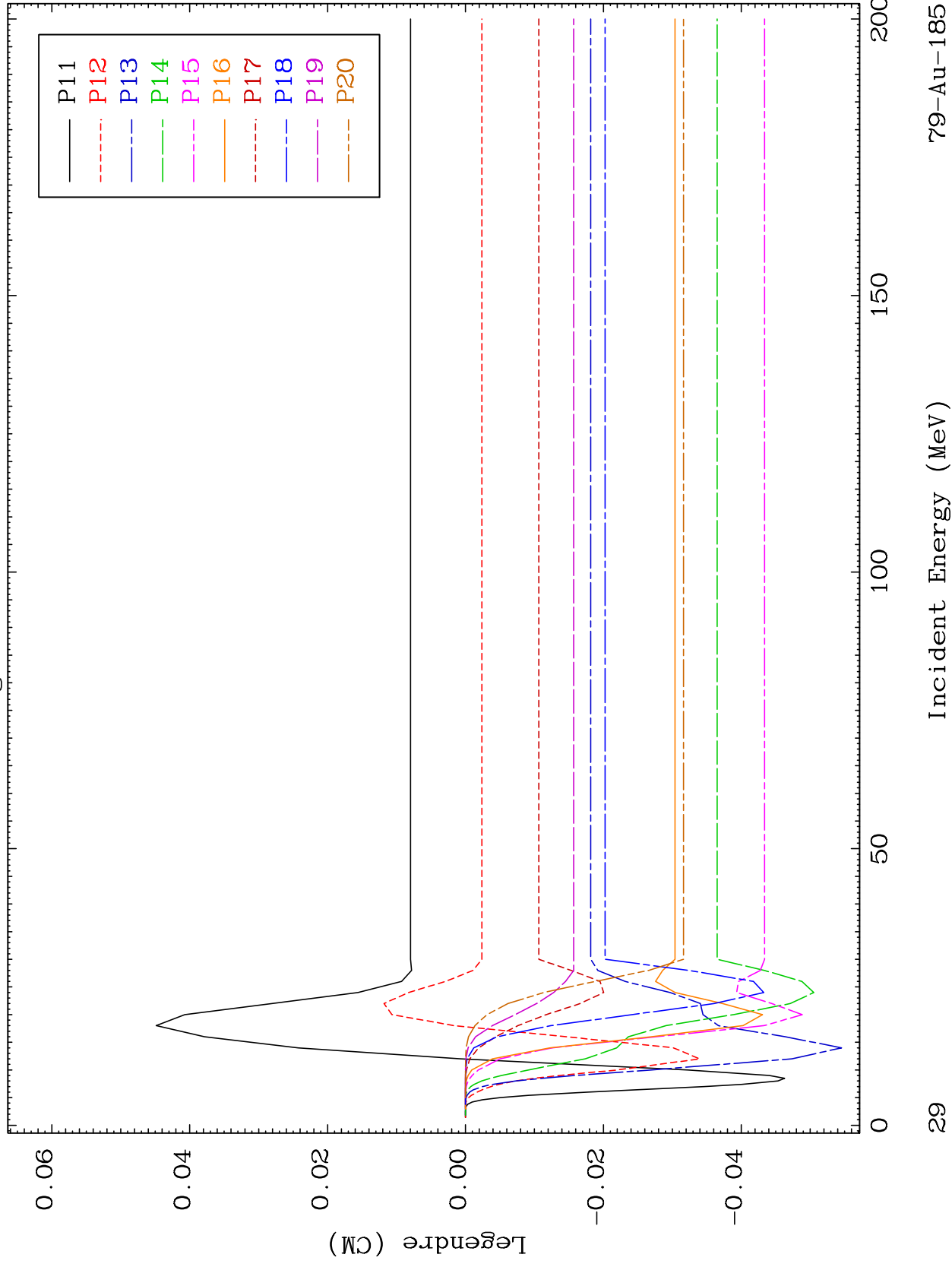




MAT 7889

35.78 keV (n,n') Level  
Legendre Coefficients

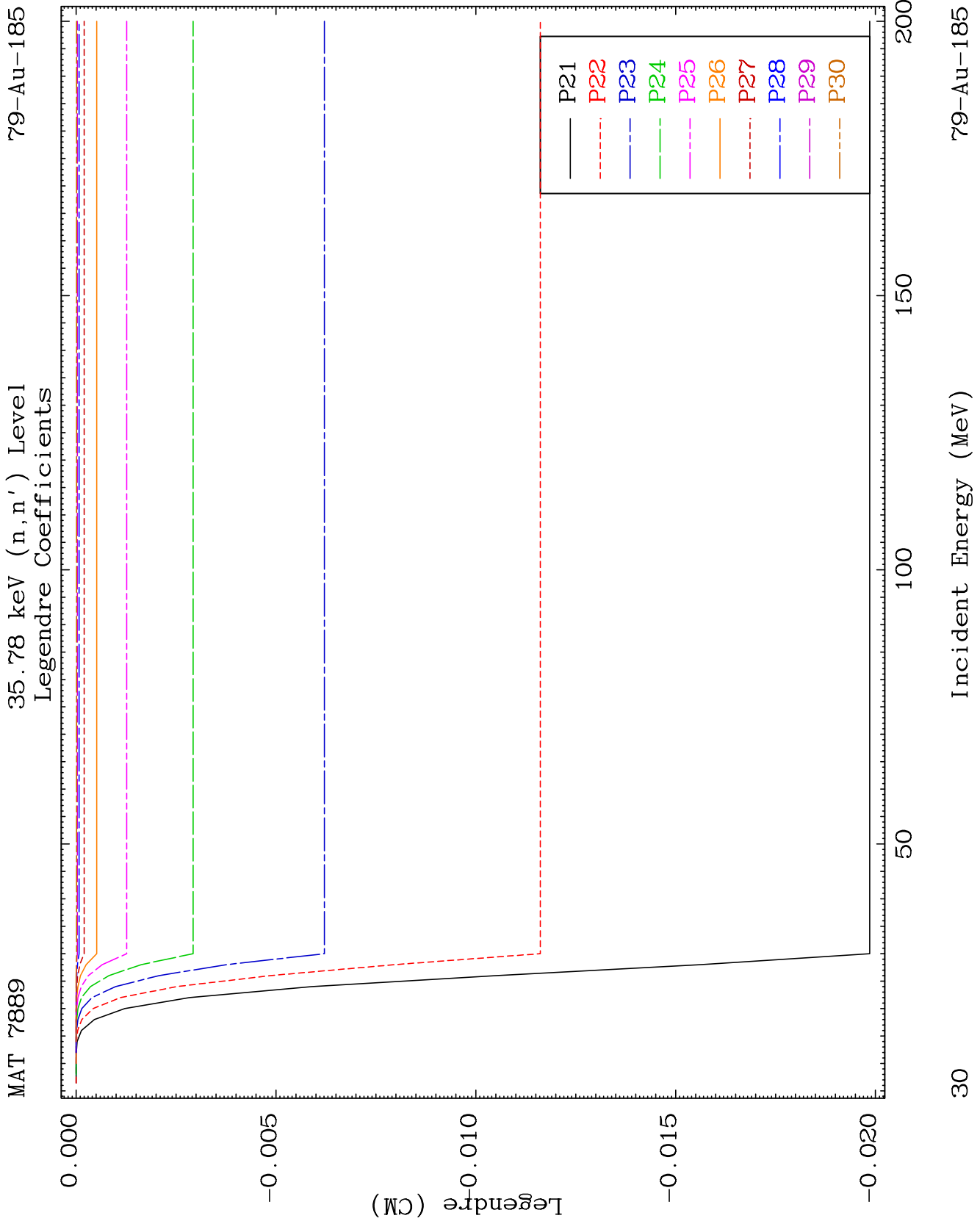
79-Au-185

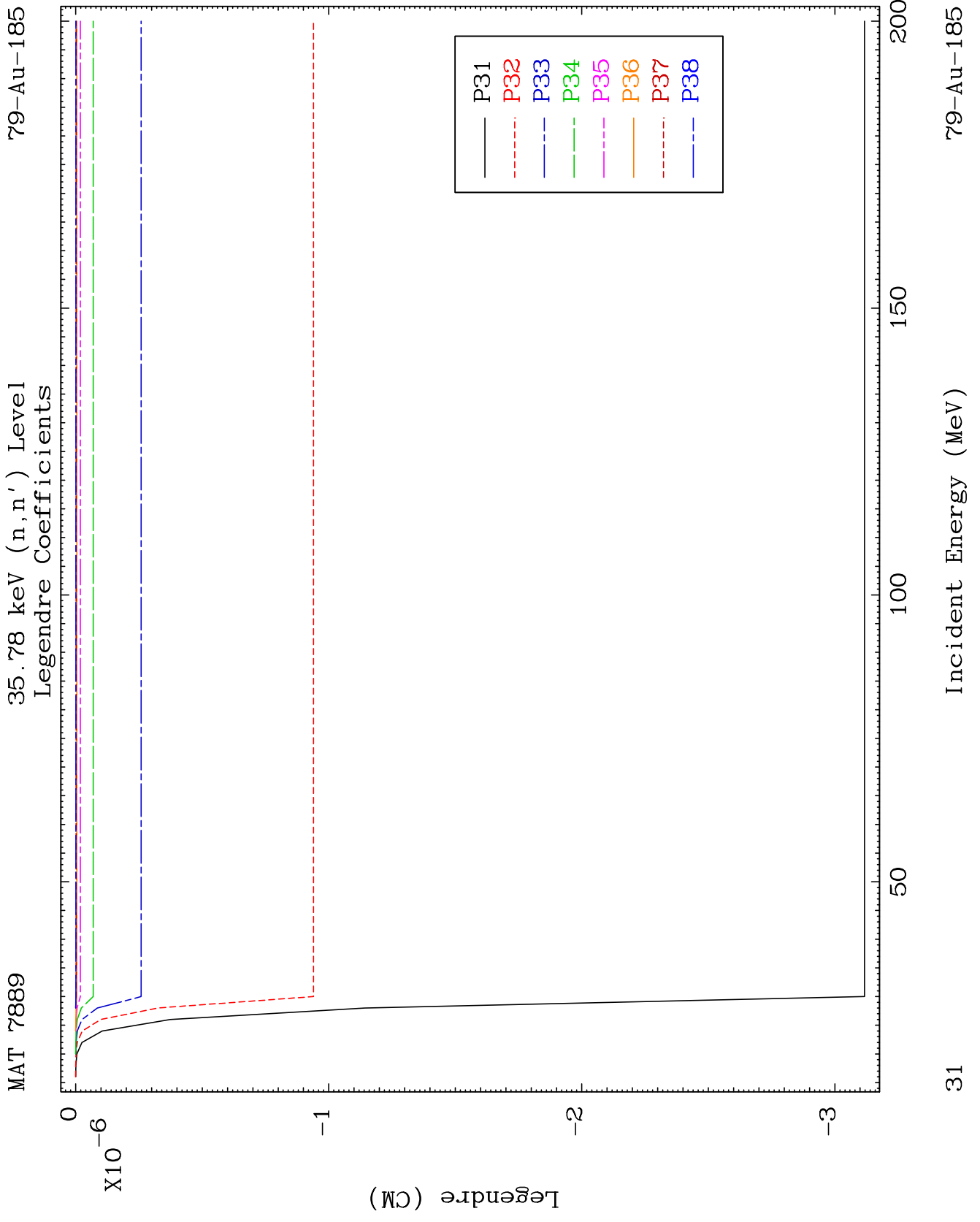


29

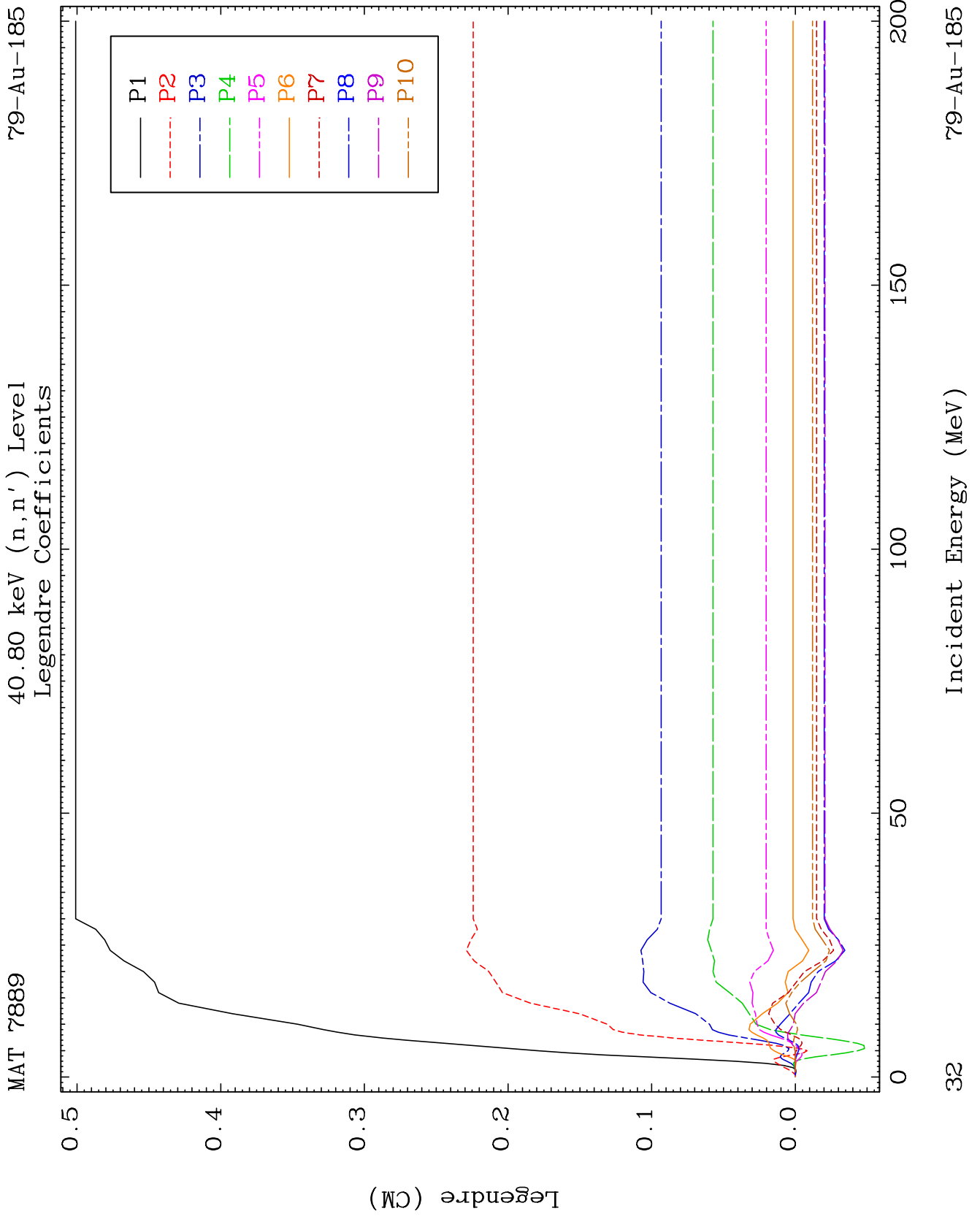
Incident Energy (MeV)

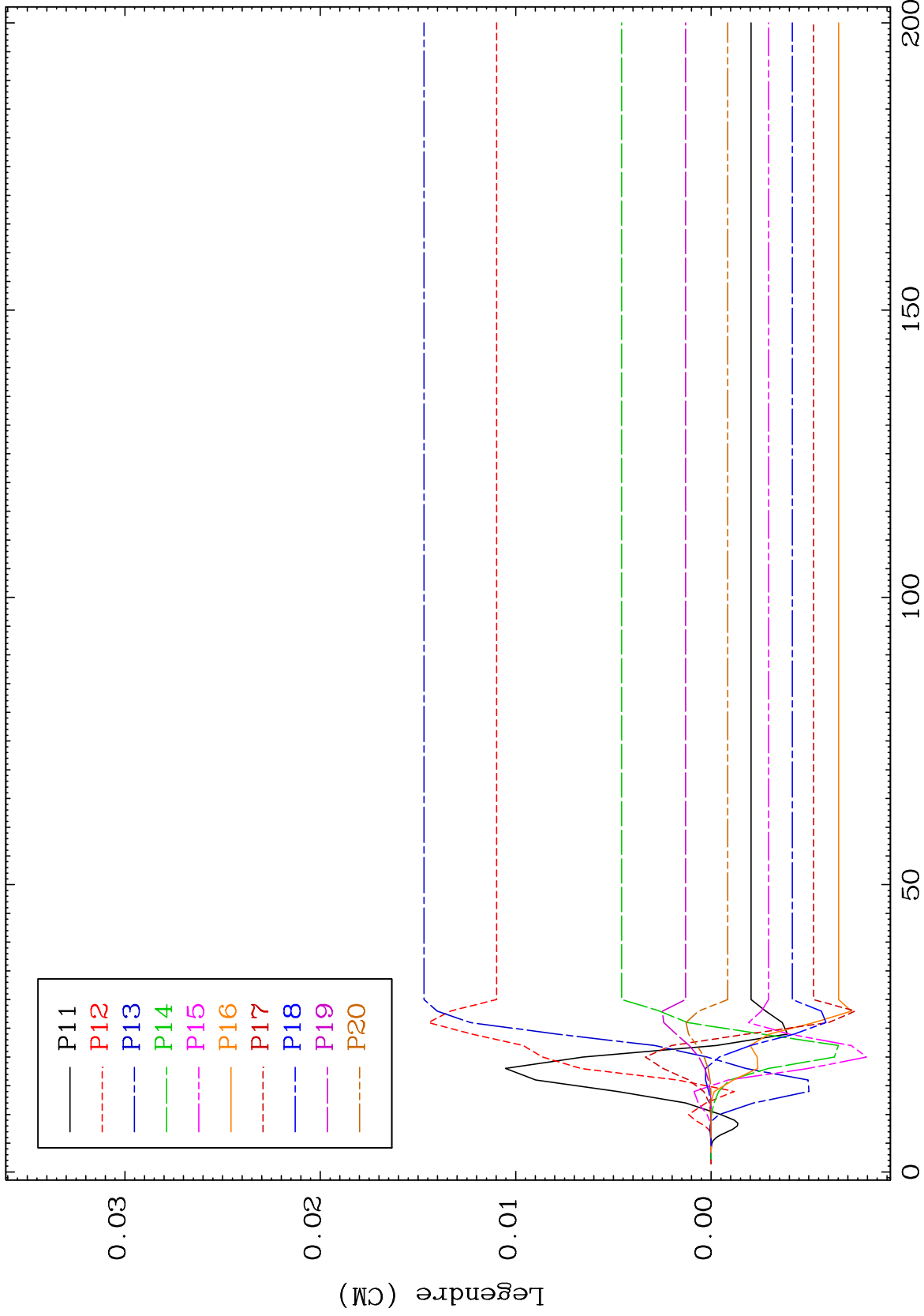
79-Au-185

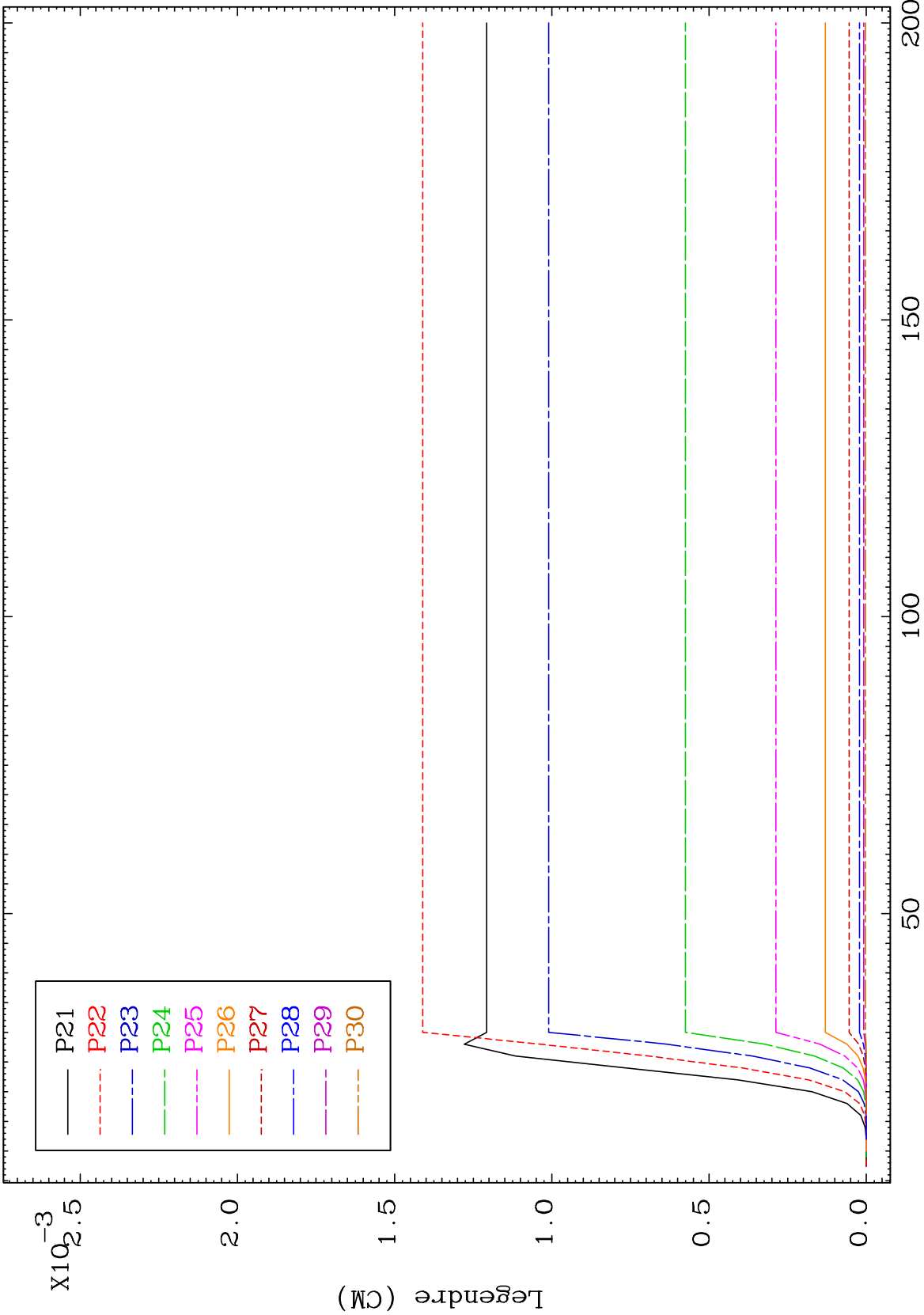










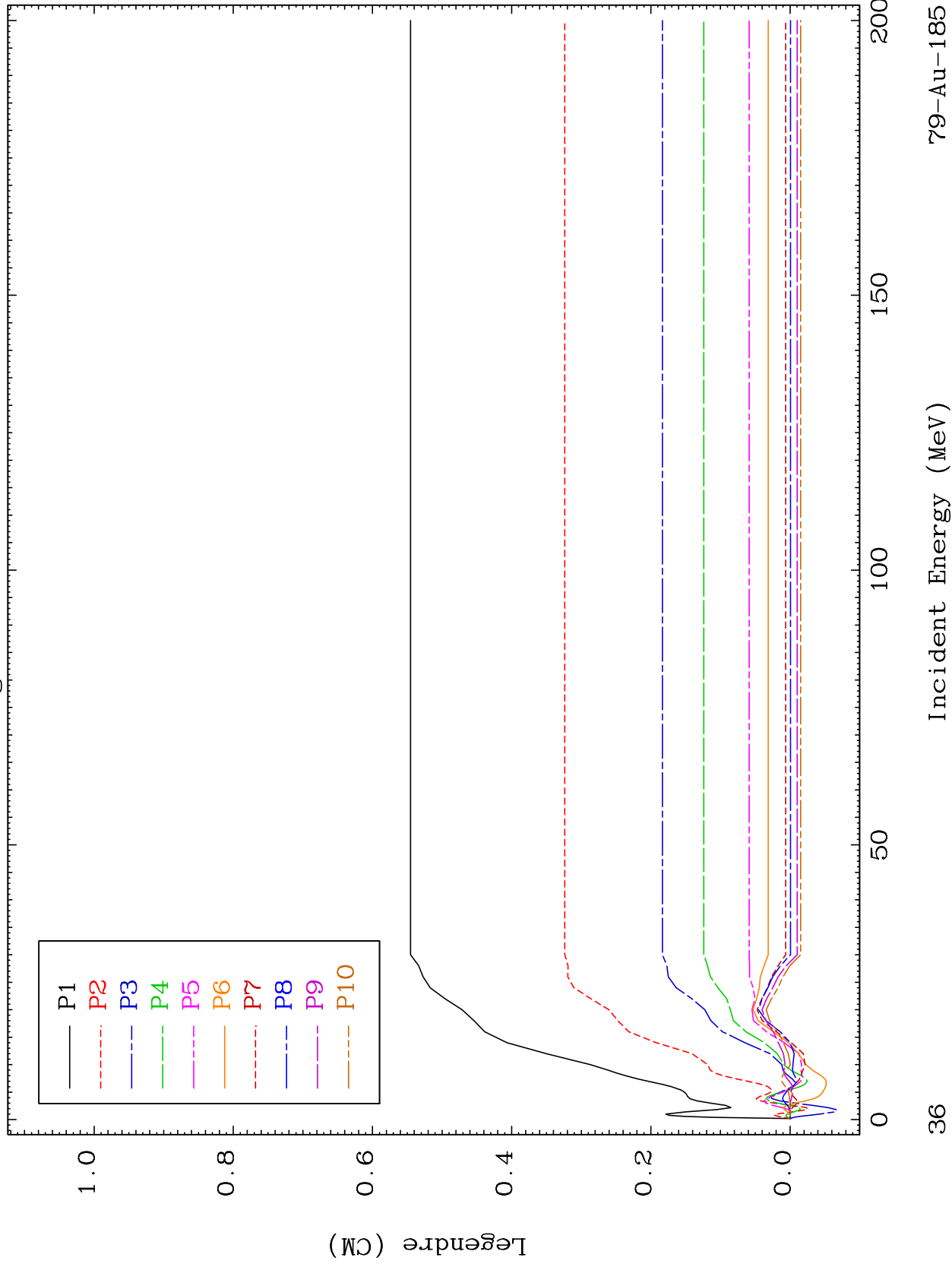




MAT 7889

107.5 keV (n, n') Level  
Legendre Coefficients

79-Au-185



36

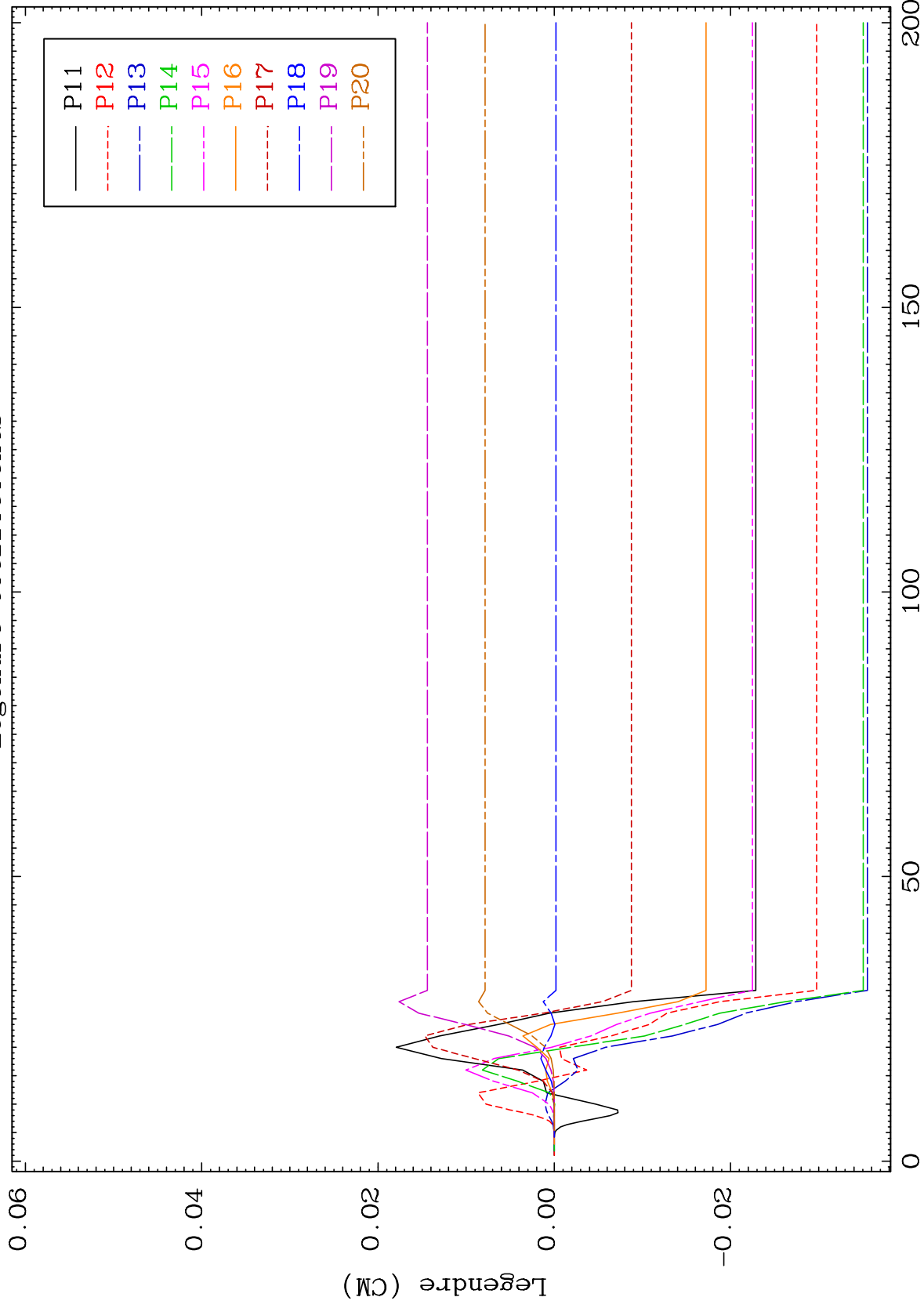
Incident Energy (MeV)

79-Au-185

MAT 7889

107.5 keV (n,n') Level  
Legendre Coefficients

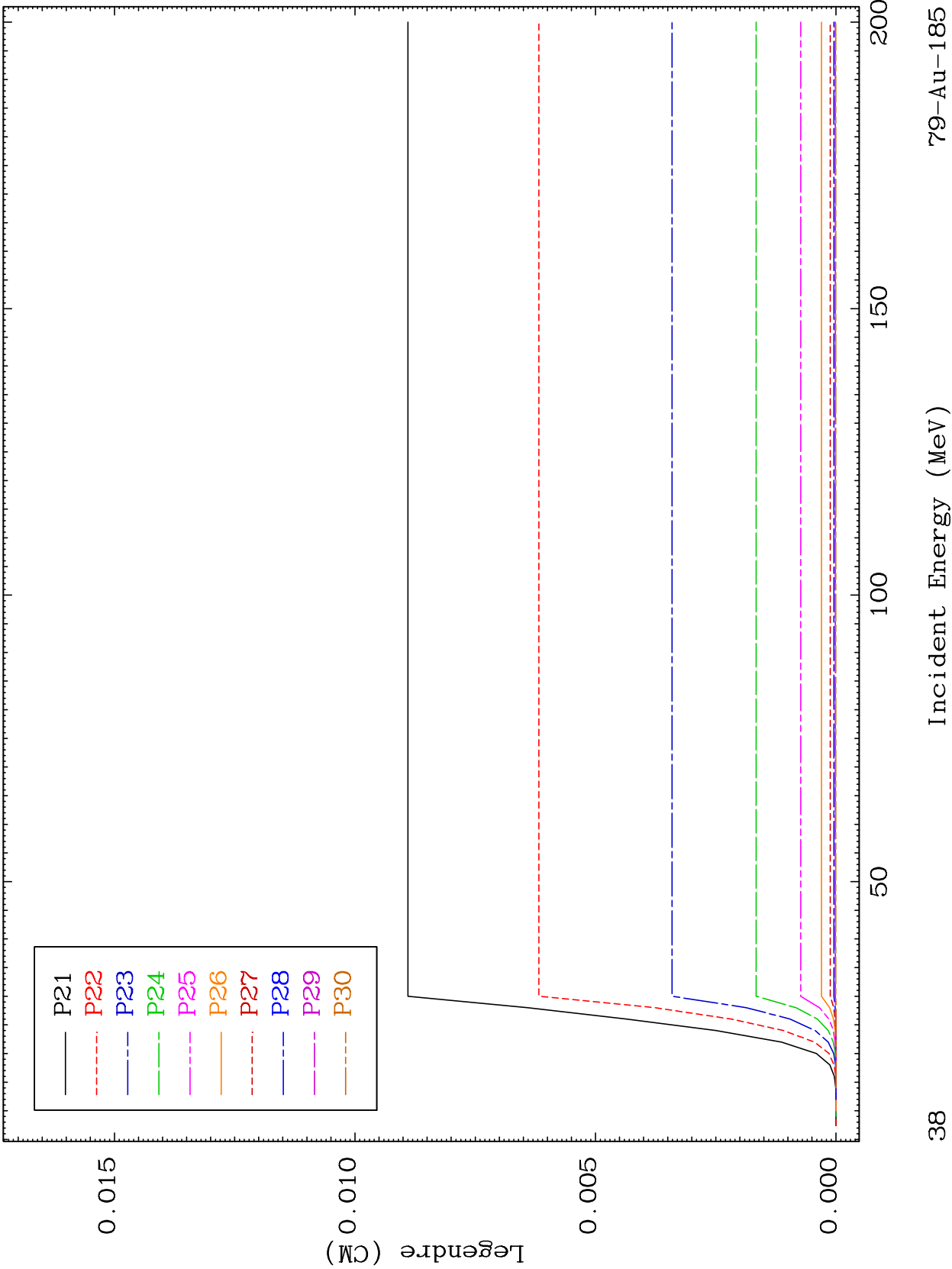
79-Au-185



37

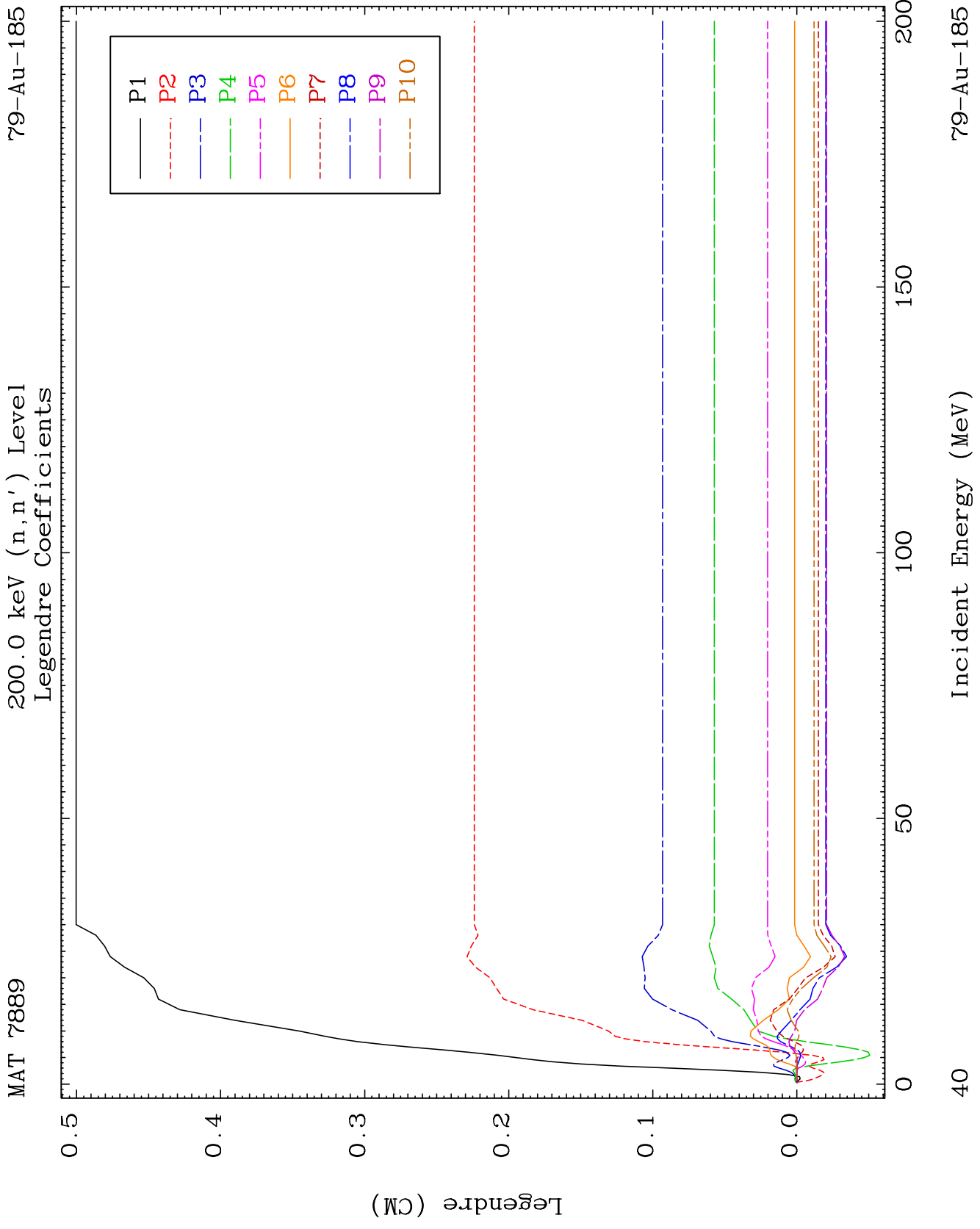
Incident Energy (MeV)

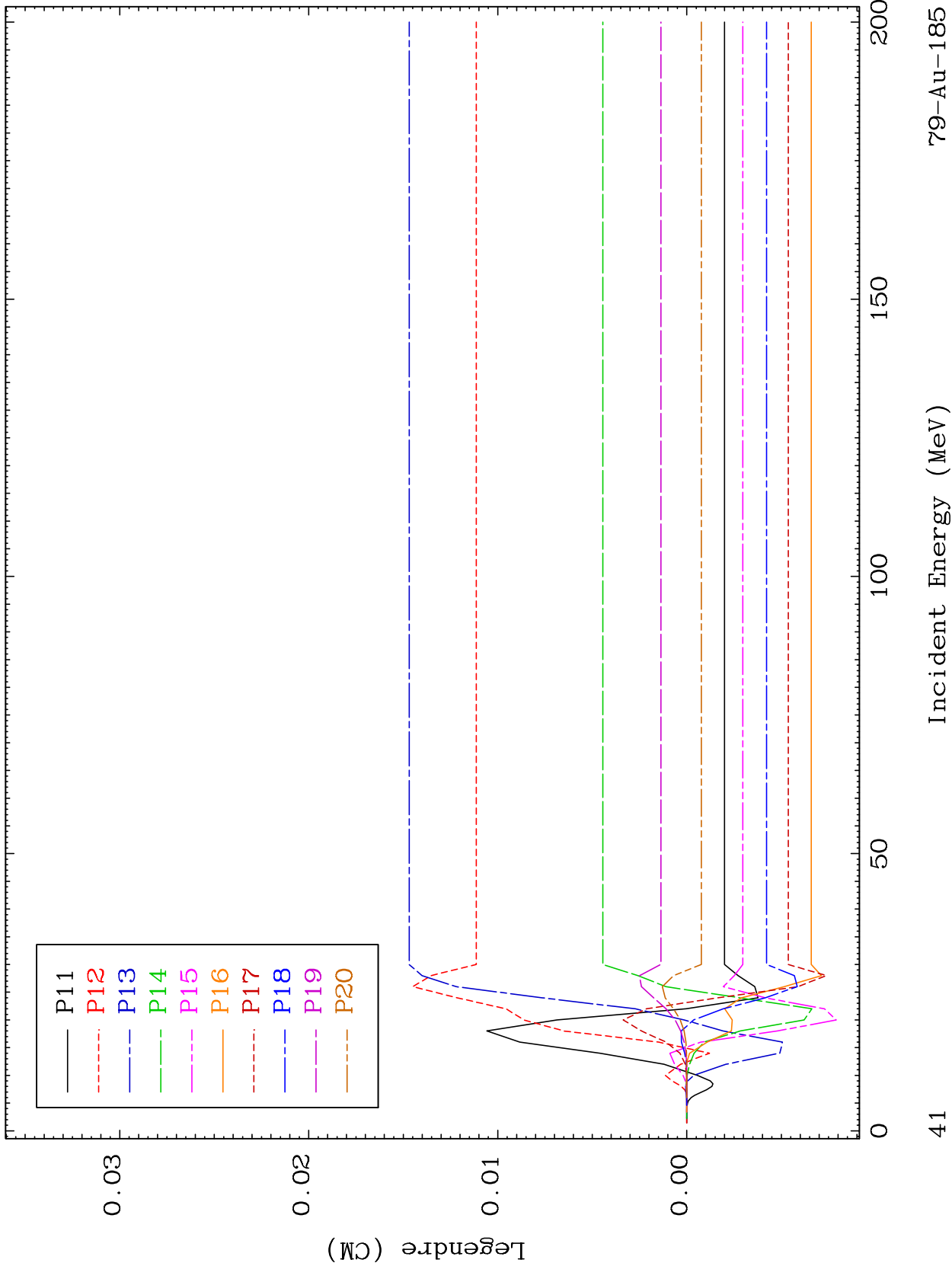
79-Au-185







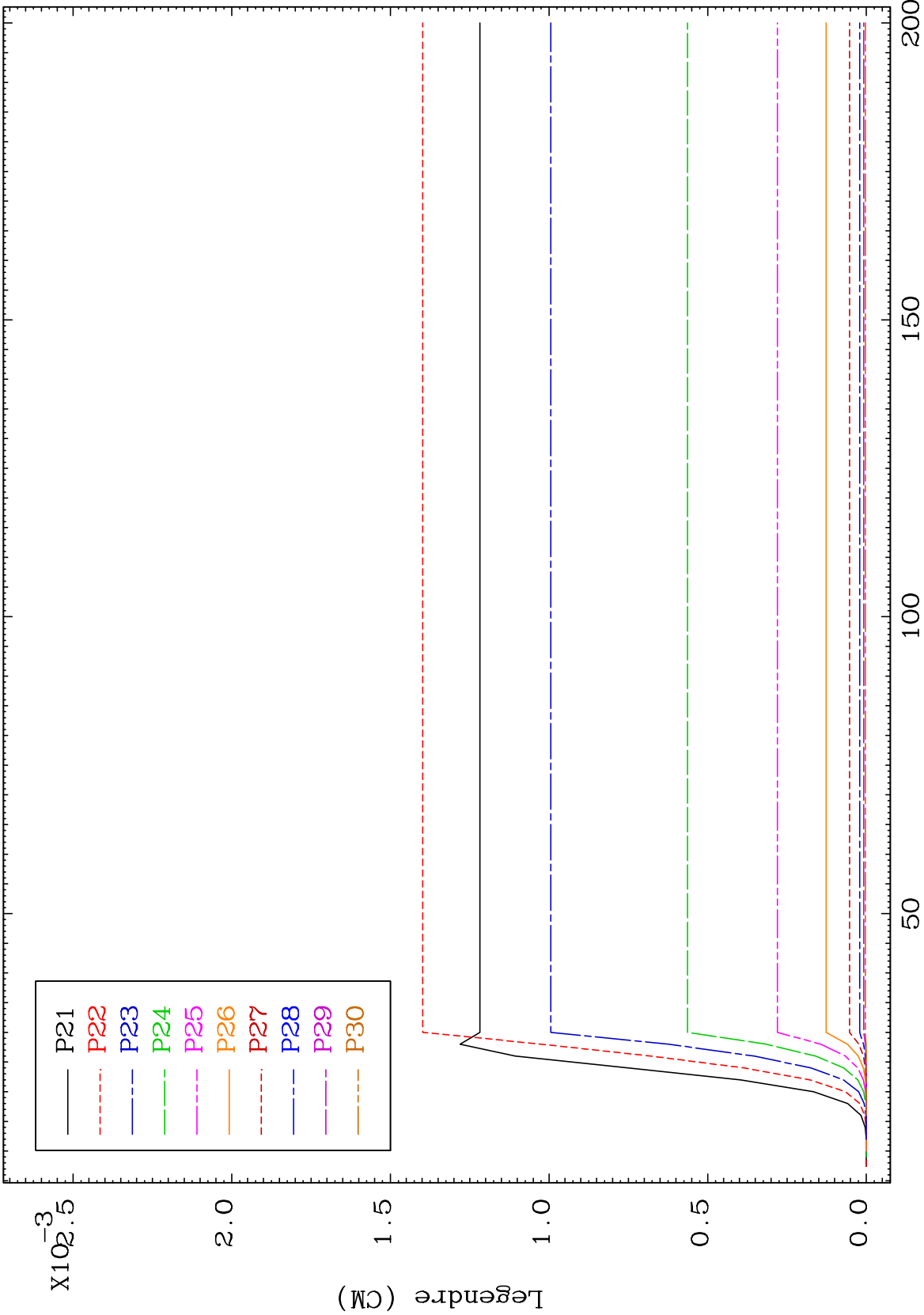




MAT 7889

200.0 keV (n,n') Level Legendre Coefficients

79-Au-185



42

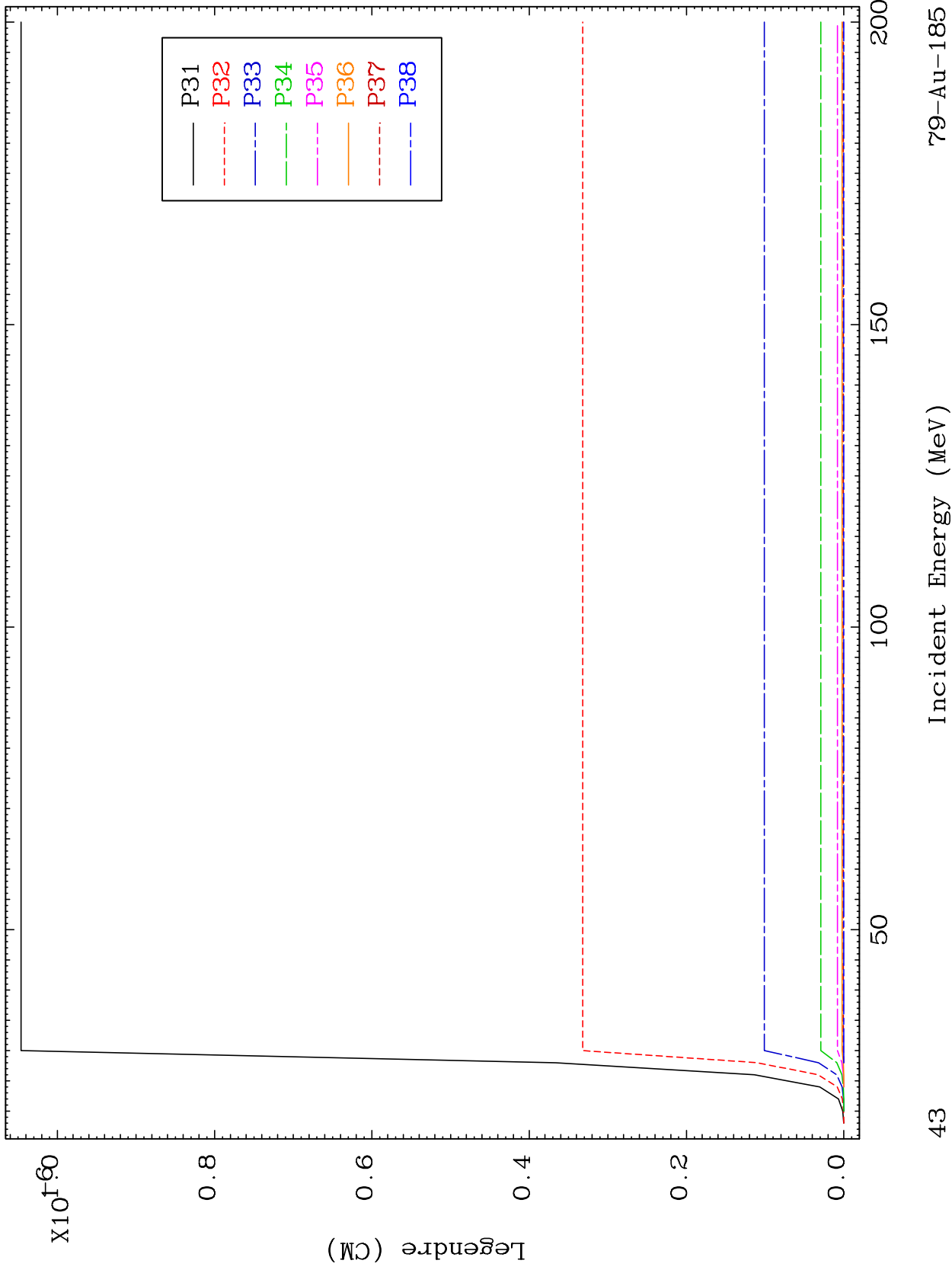
Incident Energy (MeV)

79-Au-185

MAT 7889

200.0 keV (n,n') Level  
Legendre Coefficients

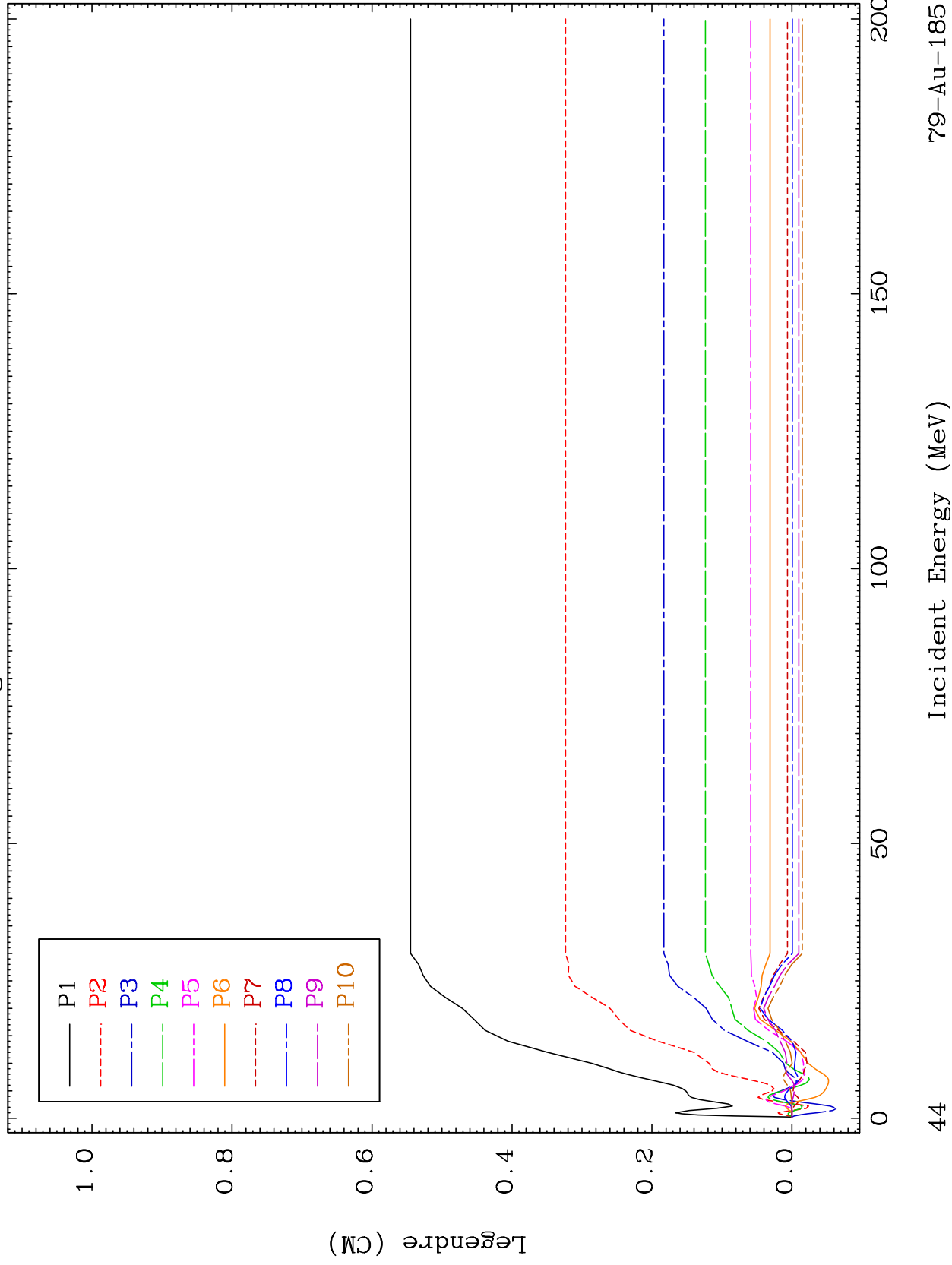
79-Au-185



MAT 7889

213.7 keV (n, n') Level  
Legendre Coefficients

79-Au-185



44

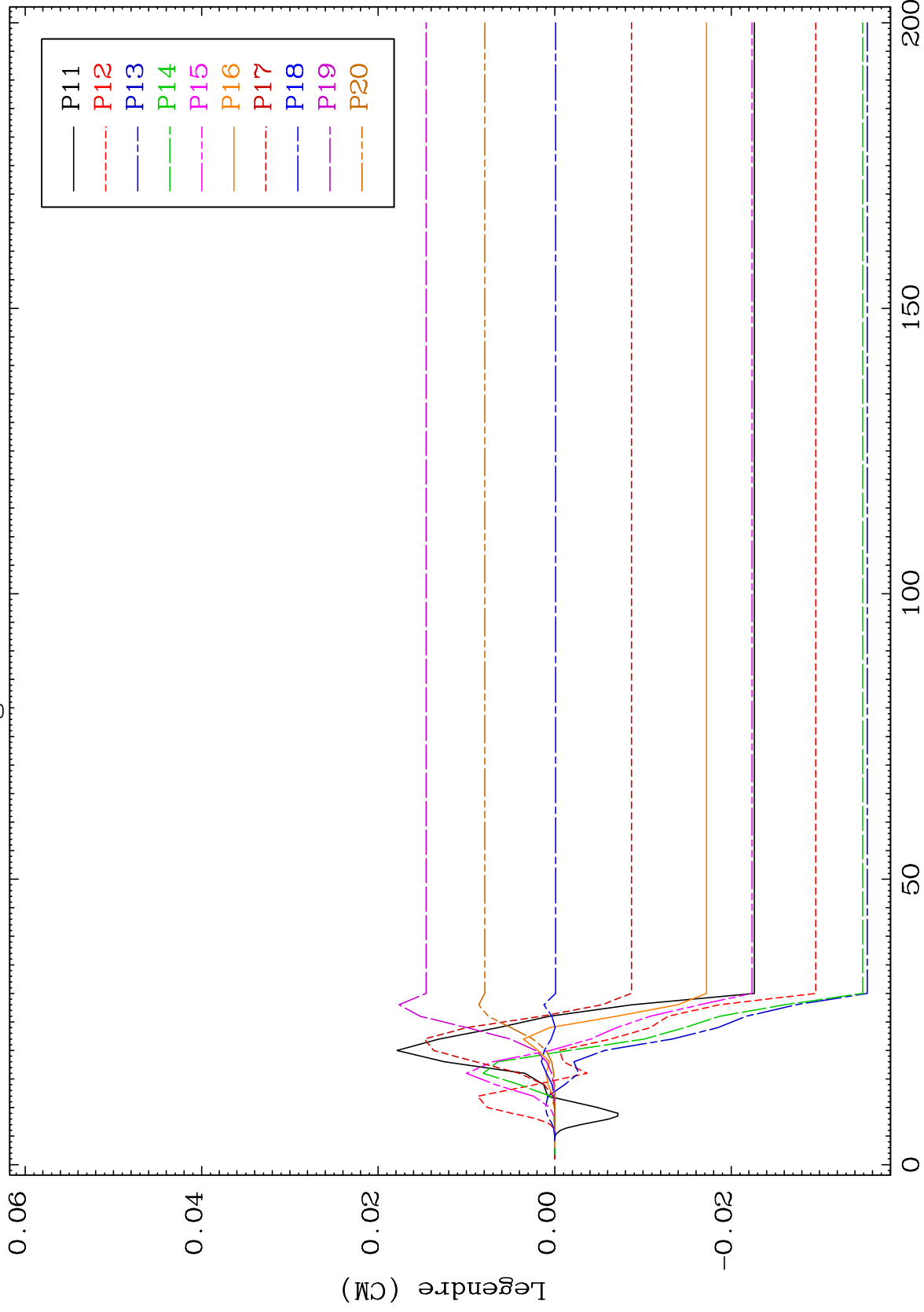
Incident Energy (MeV)

79-Au-185

MAT 7889

213.7 keV (n,n') Level  
Legendre Coefficients

79-Au-185



45

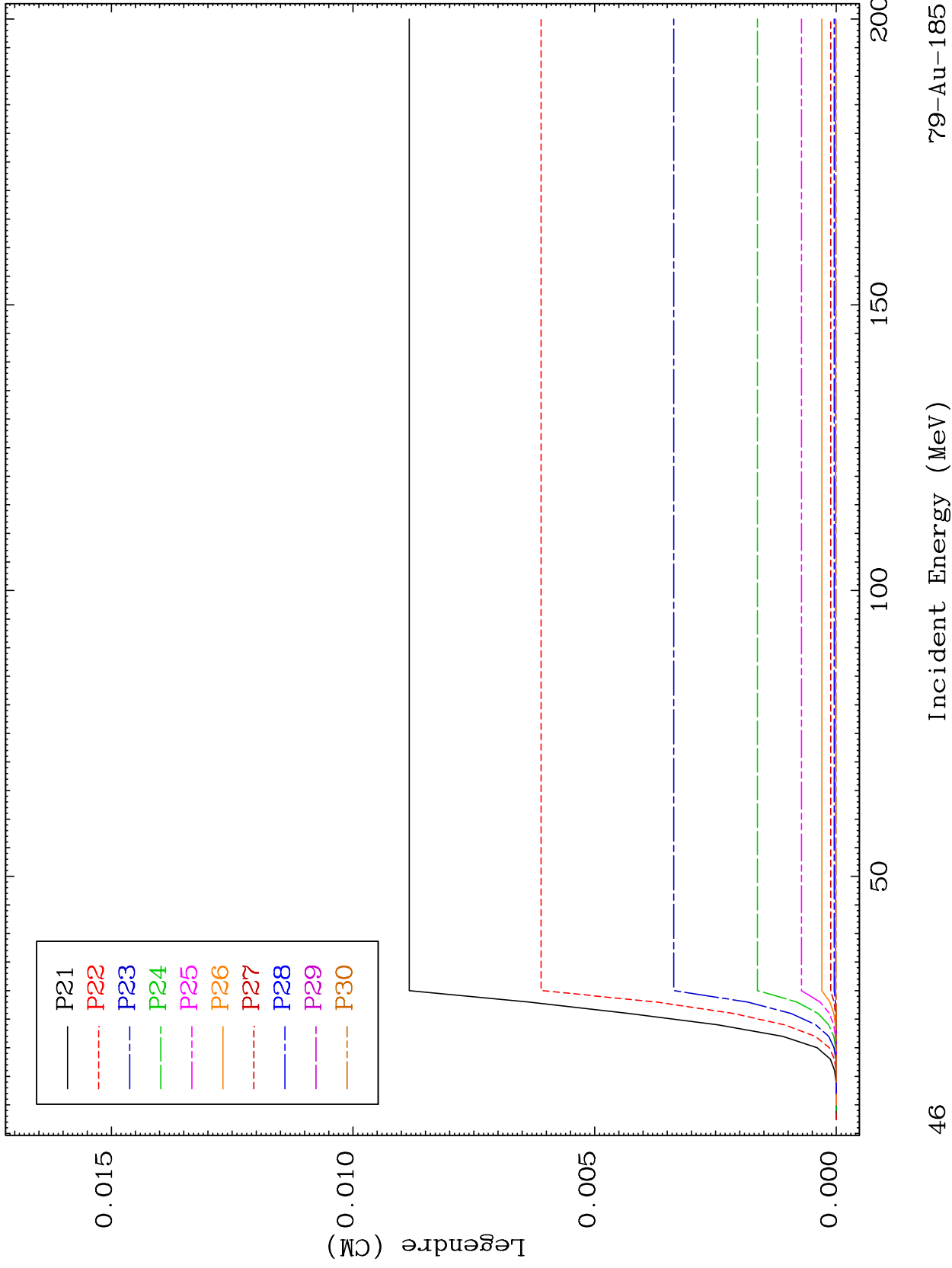
Incident Energy (MeV)

79-Au-185

MAT 7889

213.7 keV (n,n') Level  
Legendre Coefficients

79-Au-185



46

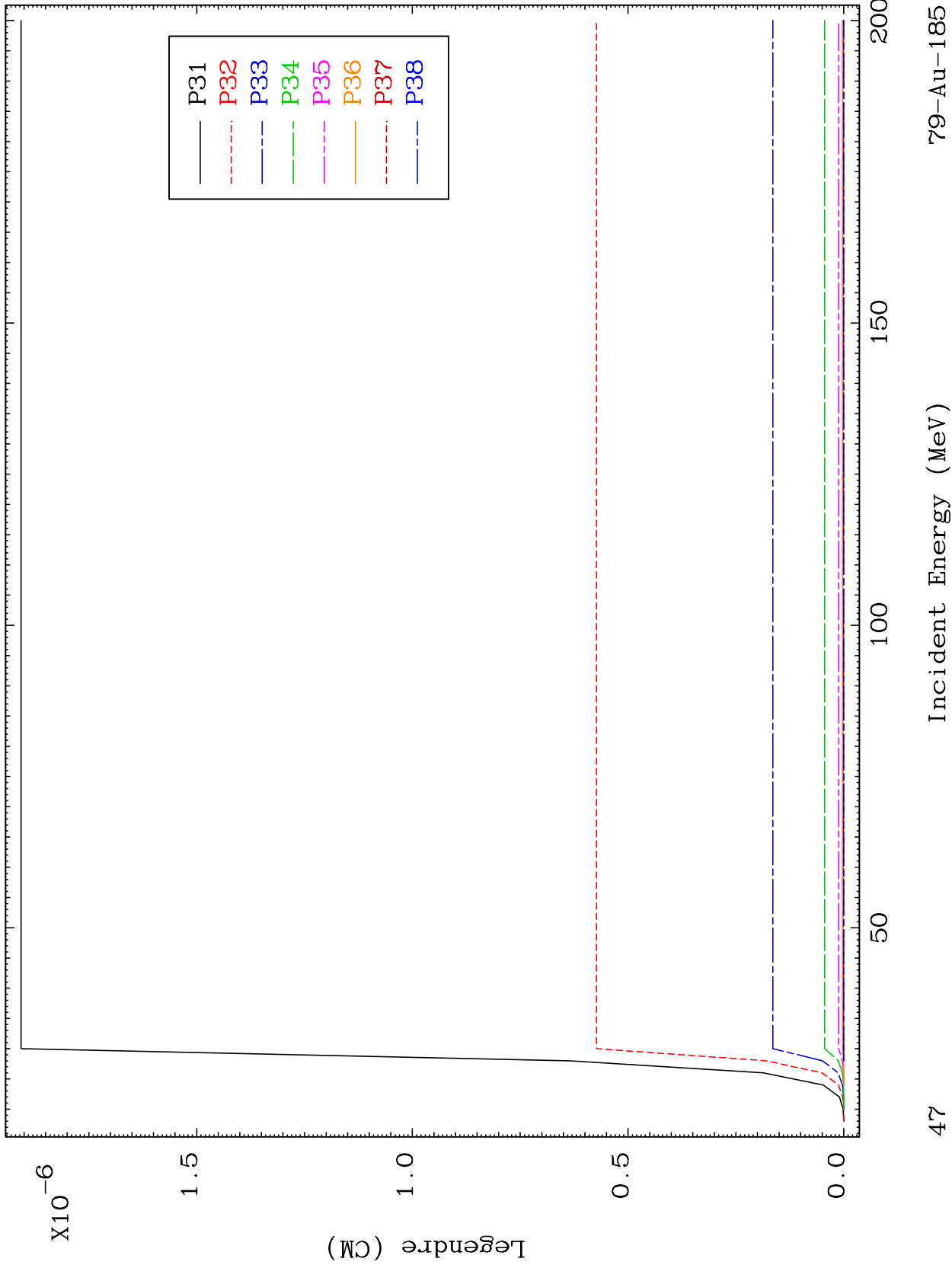
Incident Energy (MeV)

79-Au-185

MAT 7889

213.7 keV (n,n') Level  
Legendre Coefficients

79-Au-185

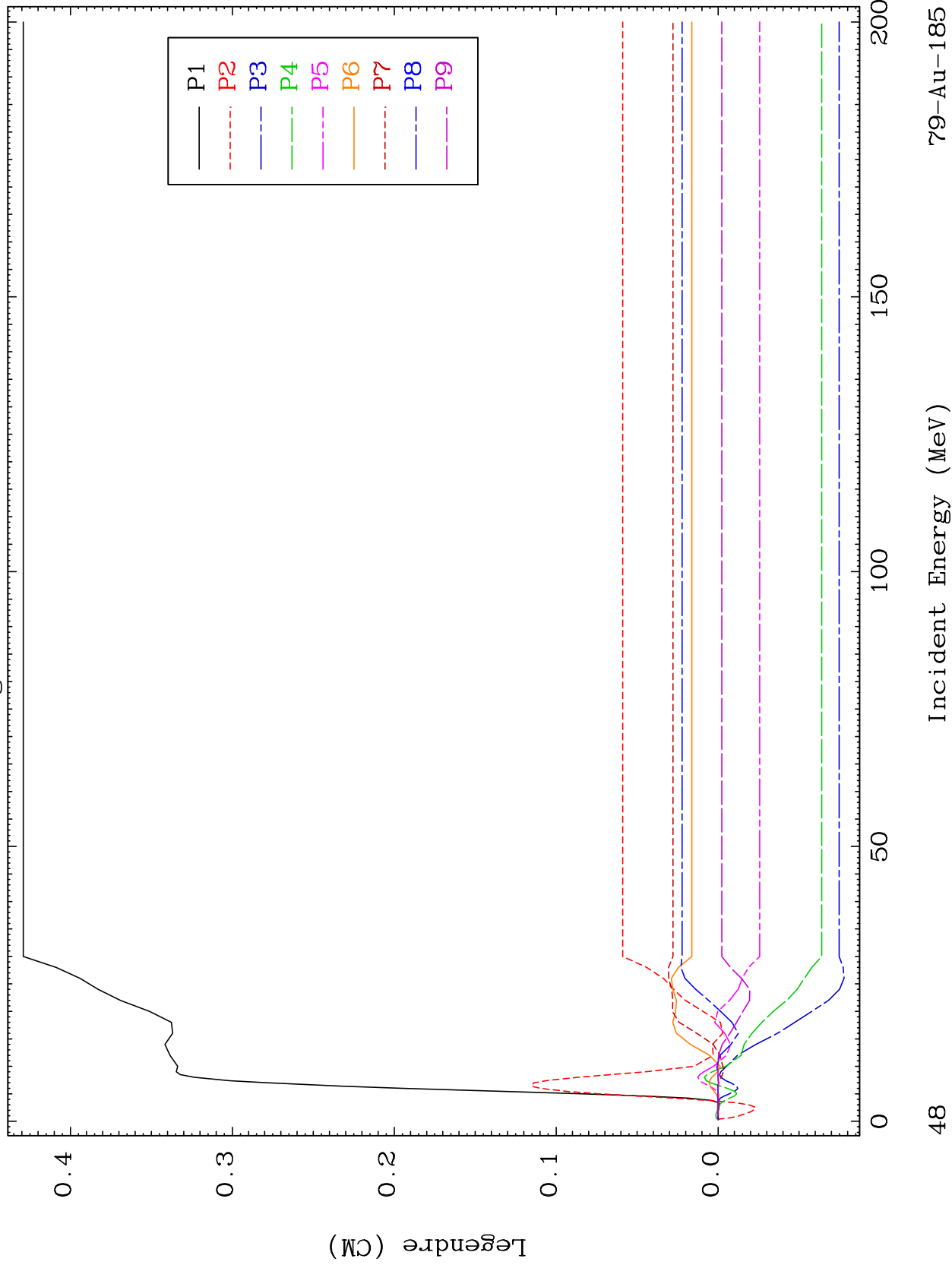




MAT 7889

220.1 keV (n,n') Level  
Legendre Coefficients

79-Au-185



79-Au-185

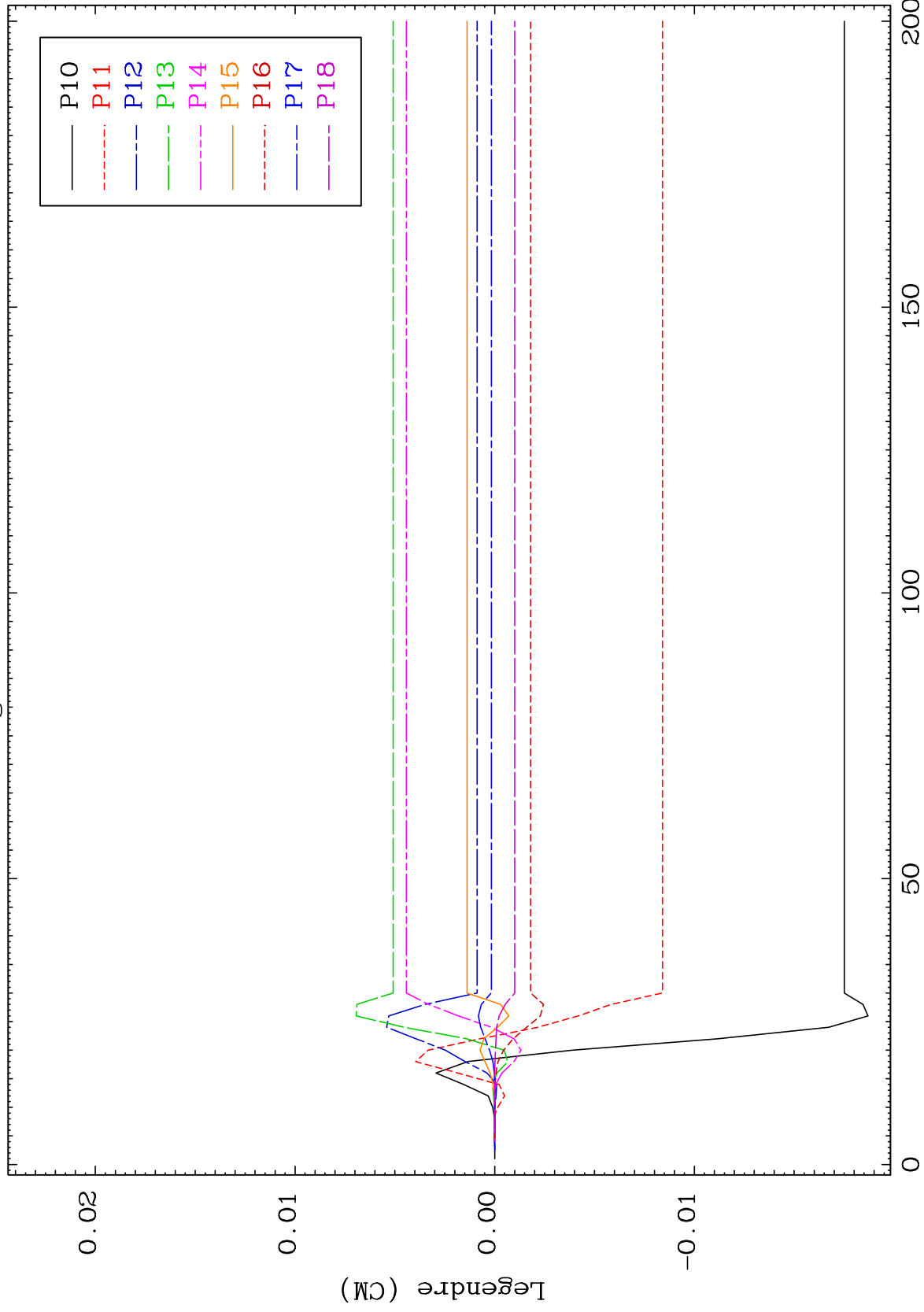
Incident Energy (MeV)

48

MAT 7889

220.1 keV (n,n') Level  
Legendre Coefficients

79-Au-185



49

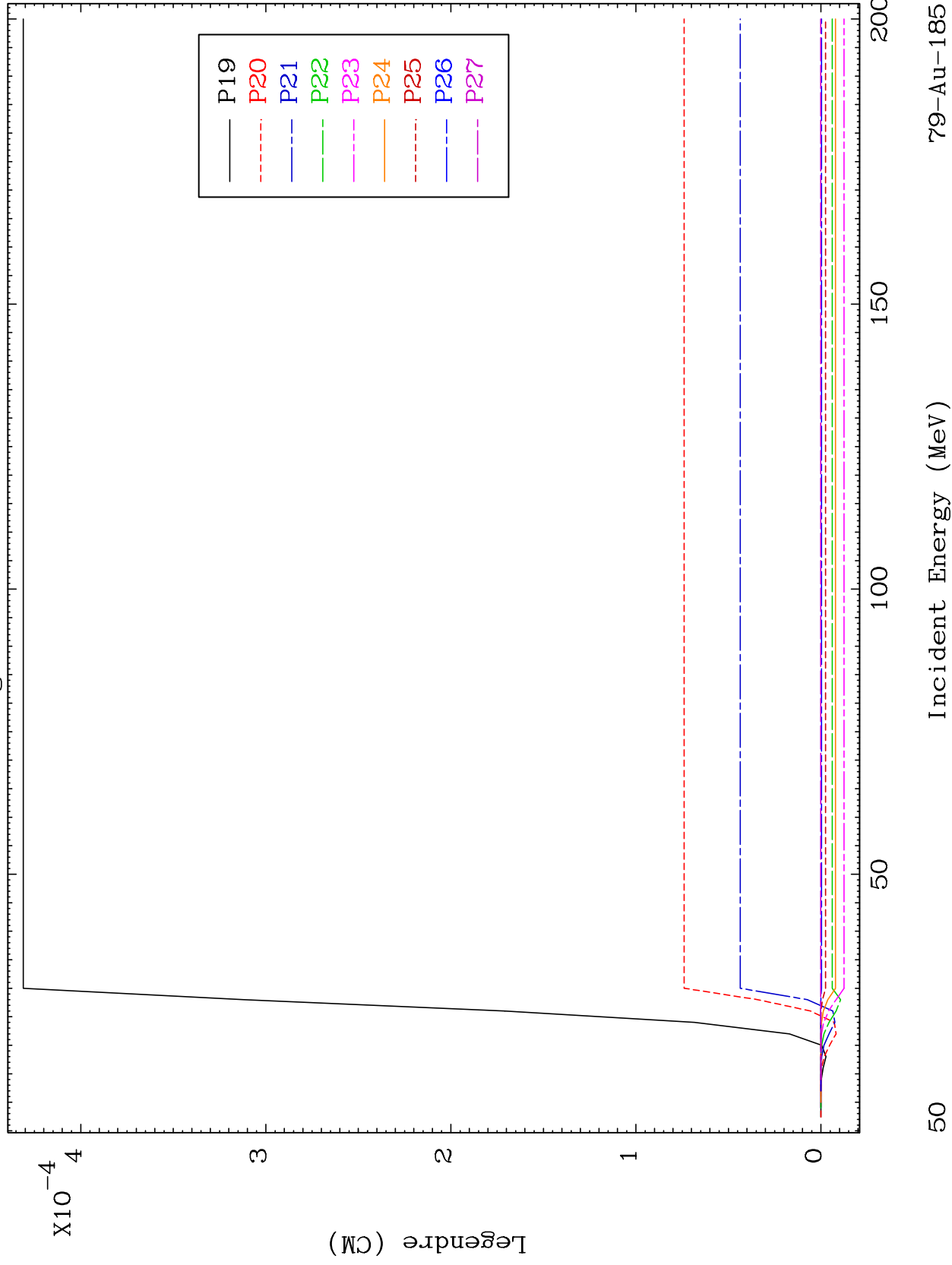
Incident Energy (MeV)

79-Au-185

MAT 7889

220.1 keV (n,n') Level  
Legendre Coefficients

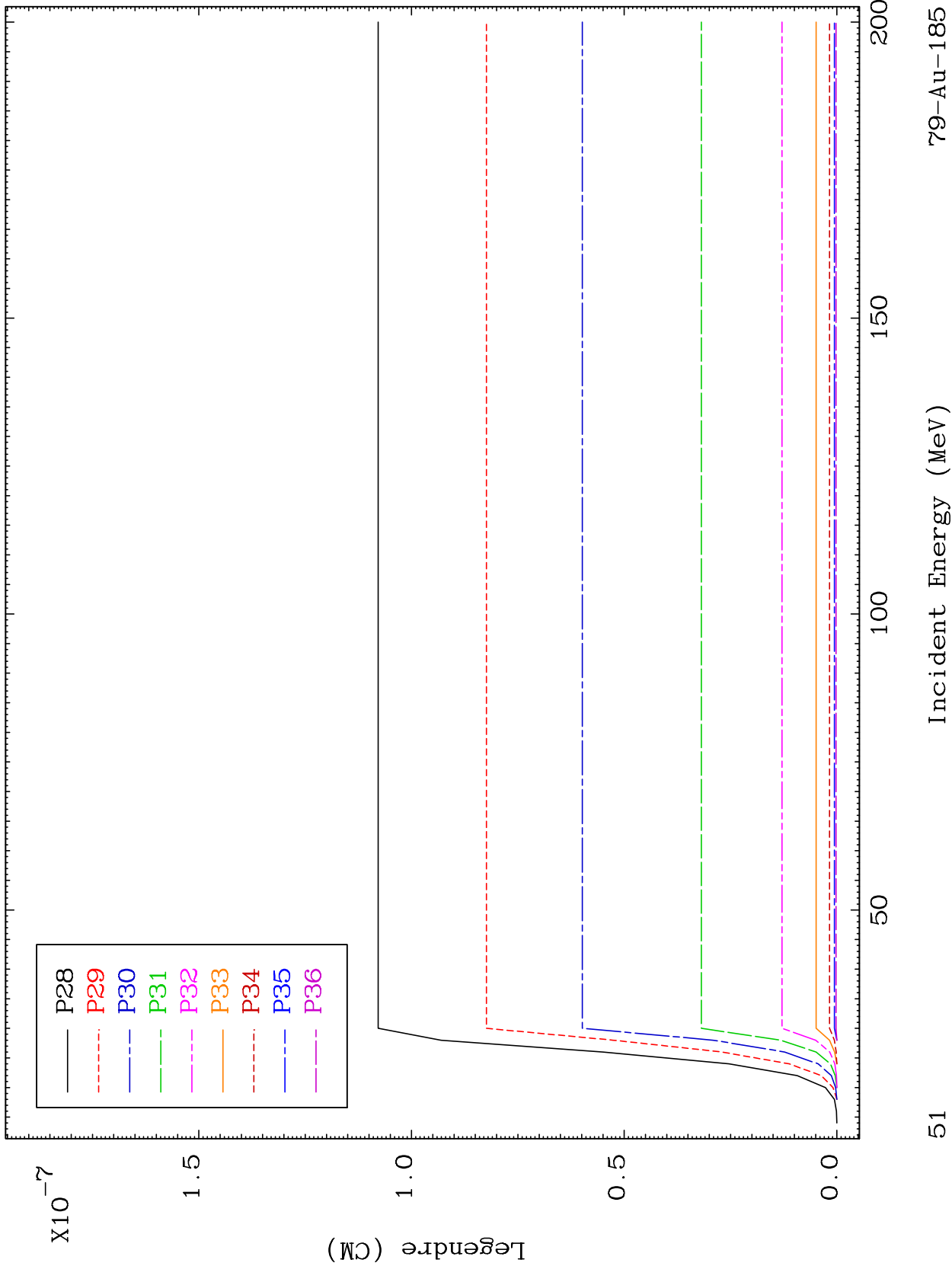
79-Au-185



79-Au-185

Incident Energy (MeV)

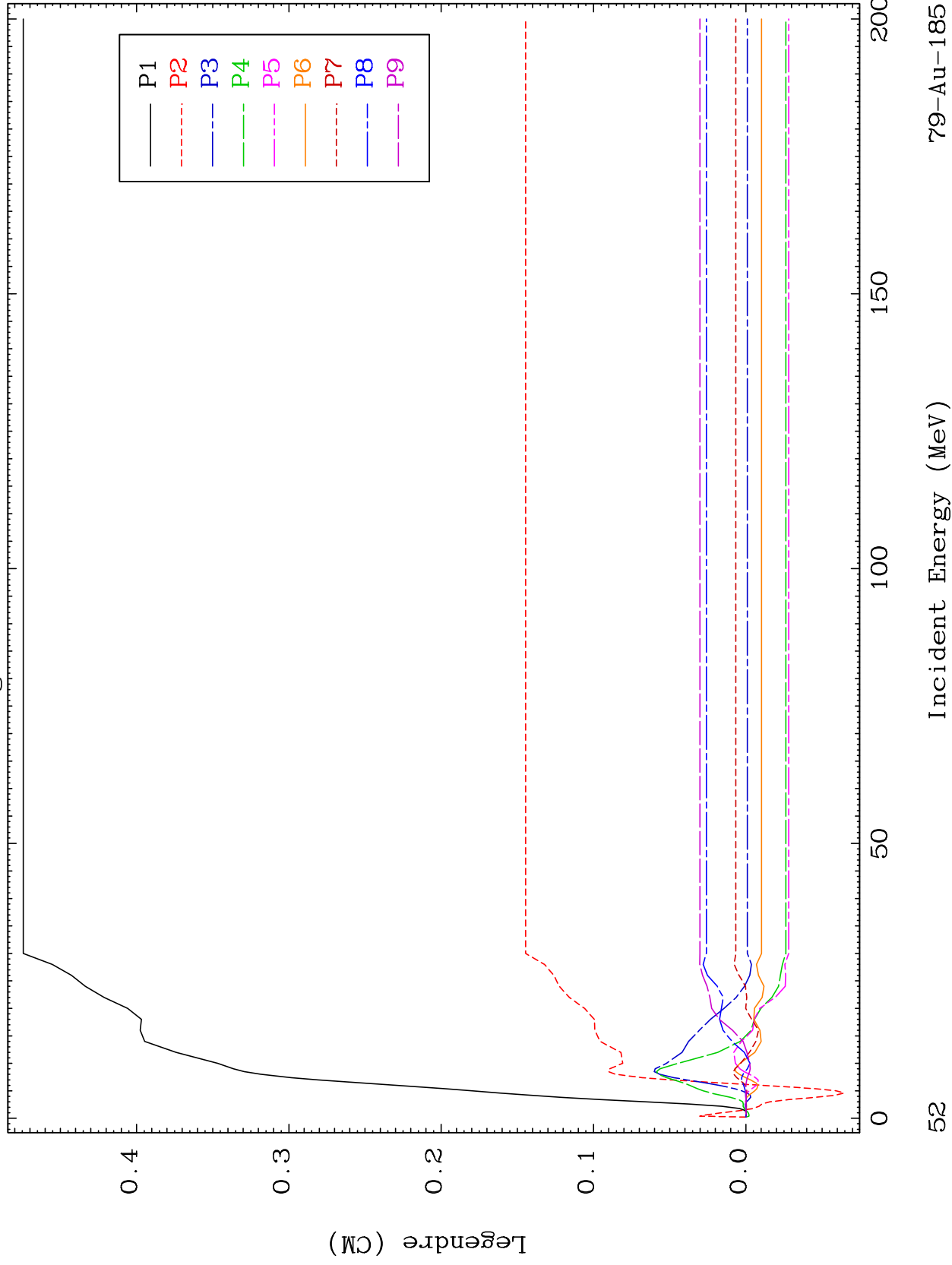
50



MAT 7889

221.3 keV (n,n') Level  
Legendre Coefficients

79-Au-185



79-Au-185

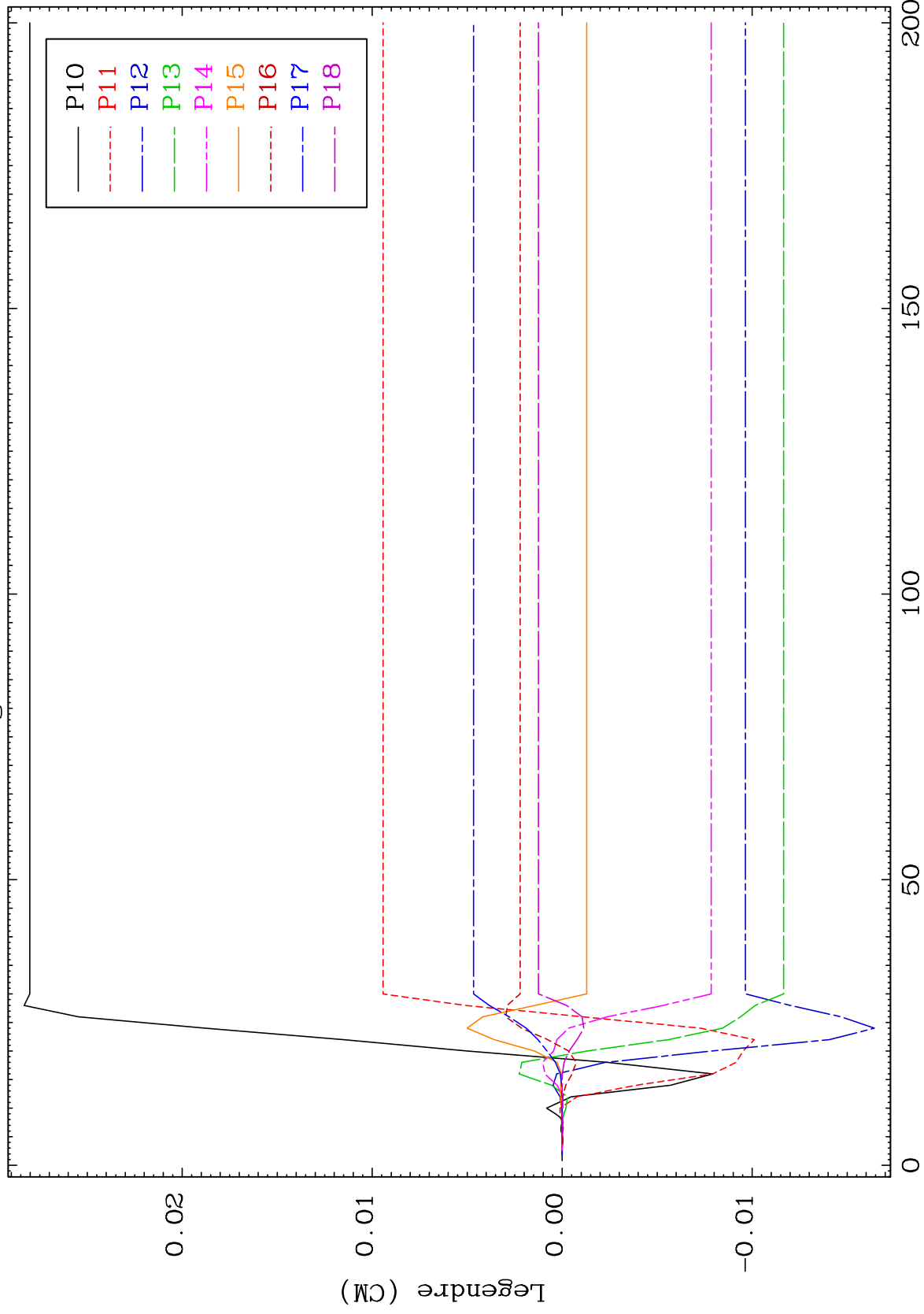
Incident Energy (MeV)

52

MAT 7889

221.3 keV (n,n') Level  
Legendre Coefficients

79-Au-185



53

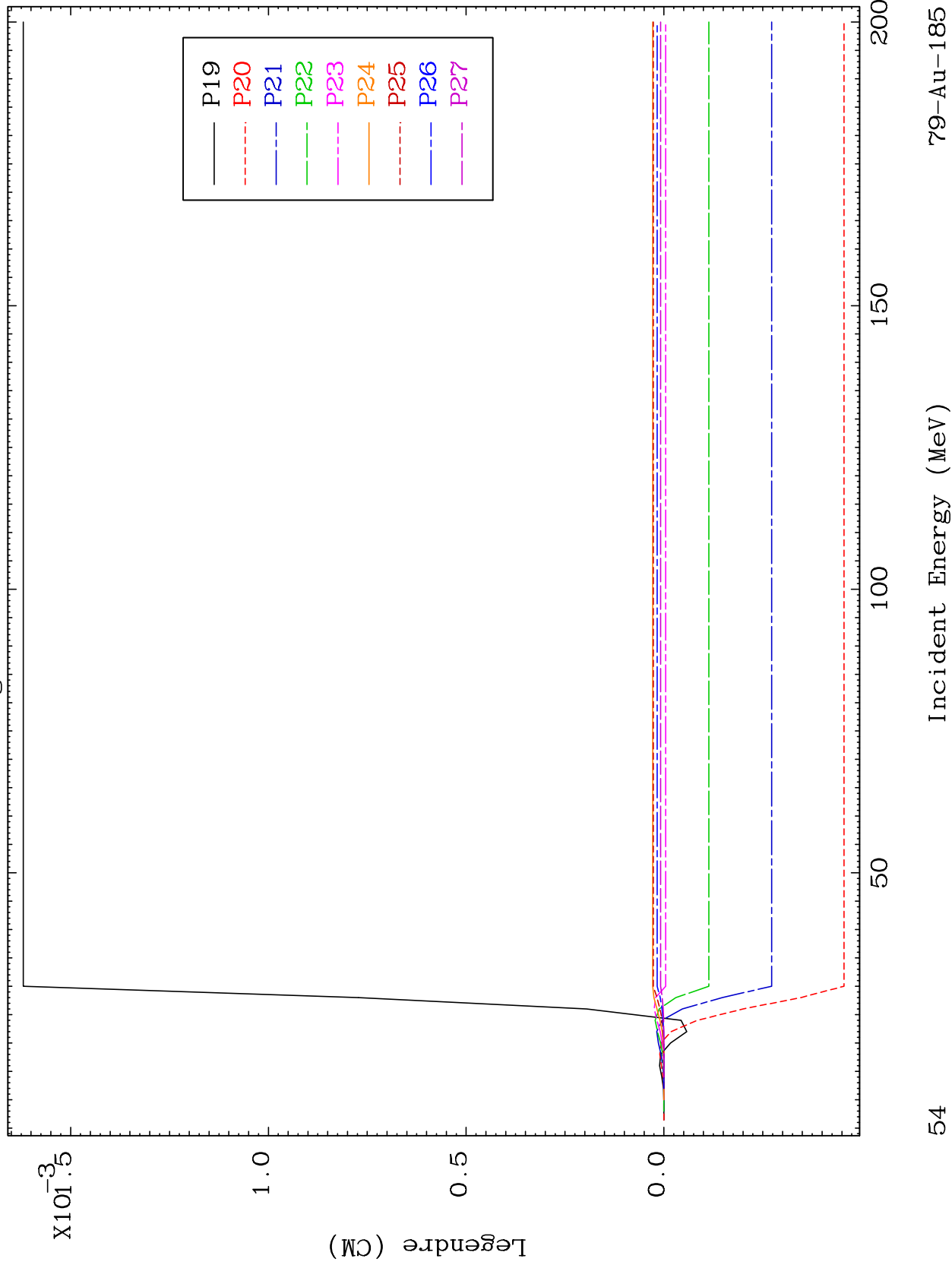
Incident Energy (MeV)

79-Au-185

MAT 7889

221.3 keV (n,n') Level  
Legendre Coefficients

79-Au-185



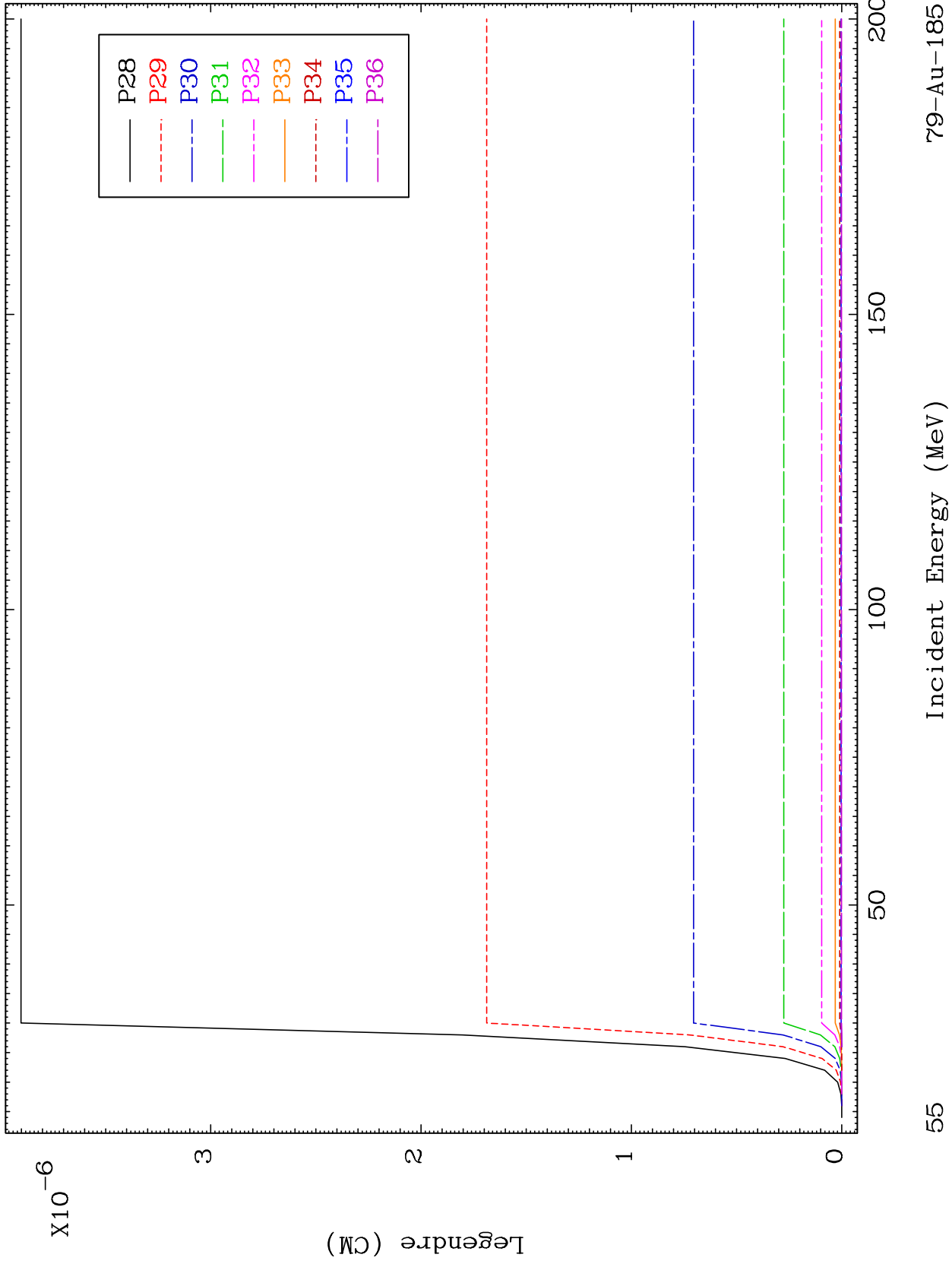
54

79-Au-185

MAT 7889

221.3 keV (n,n') Level  
Legendre Coefficients

79-Au-185

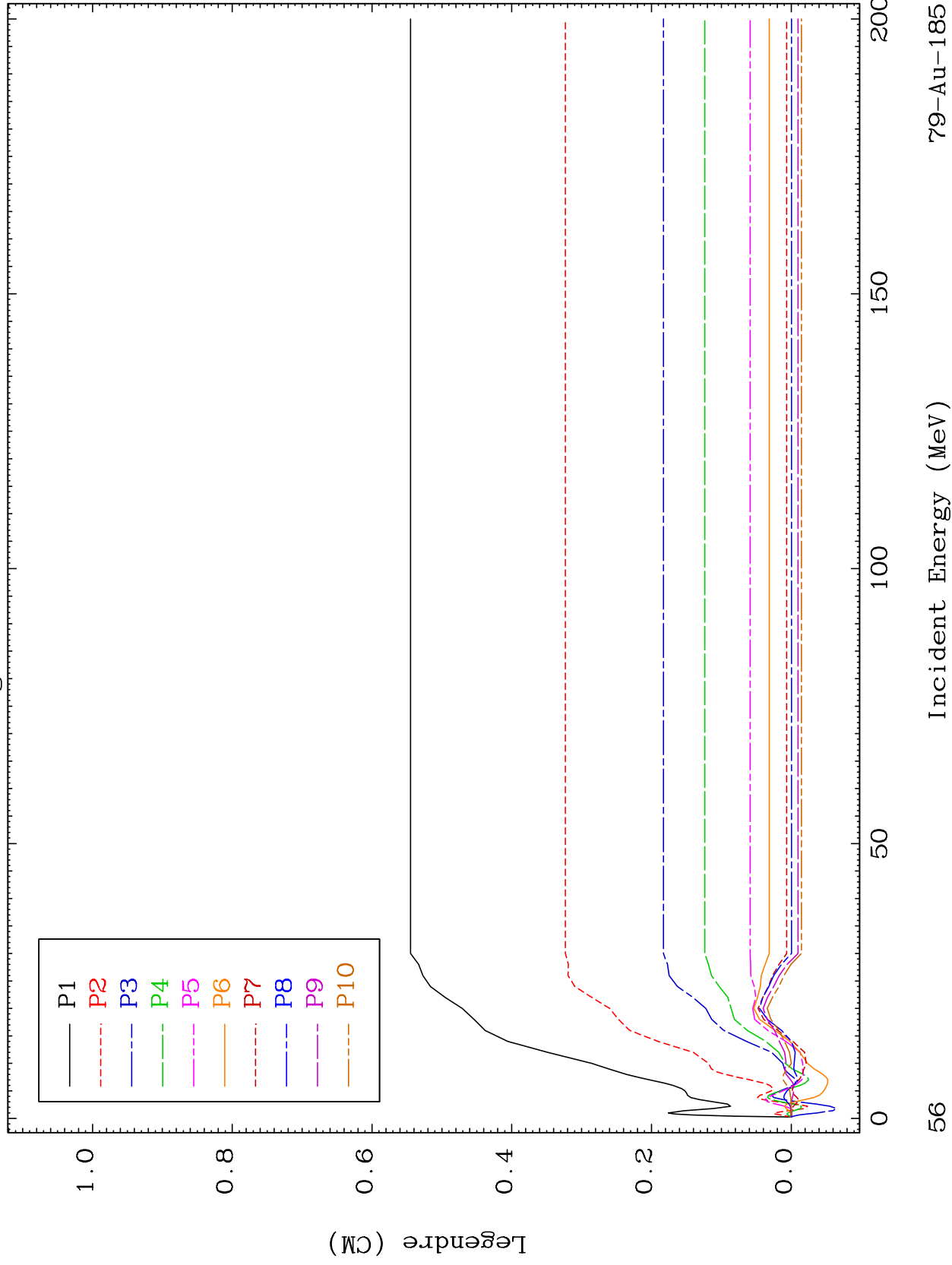




MAT 7889

233.9 keV (n, n') Level  
Legendre Coefficients

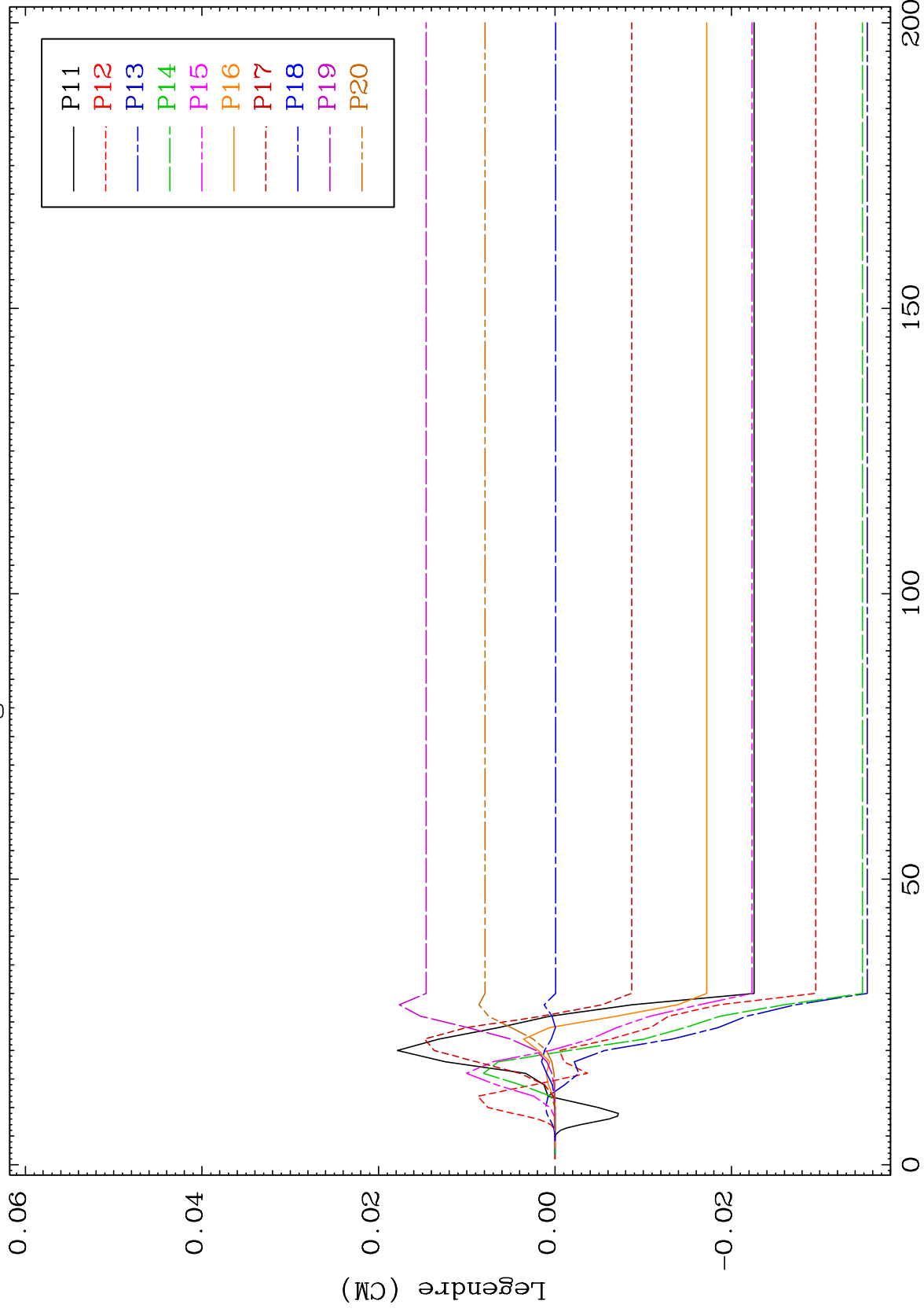
79-Au-185

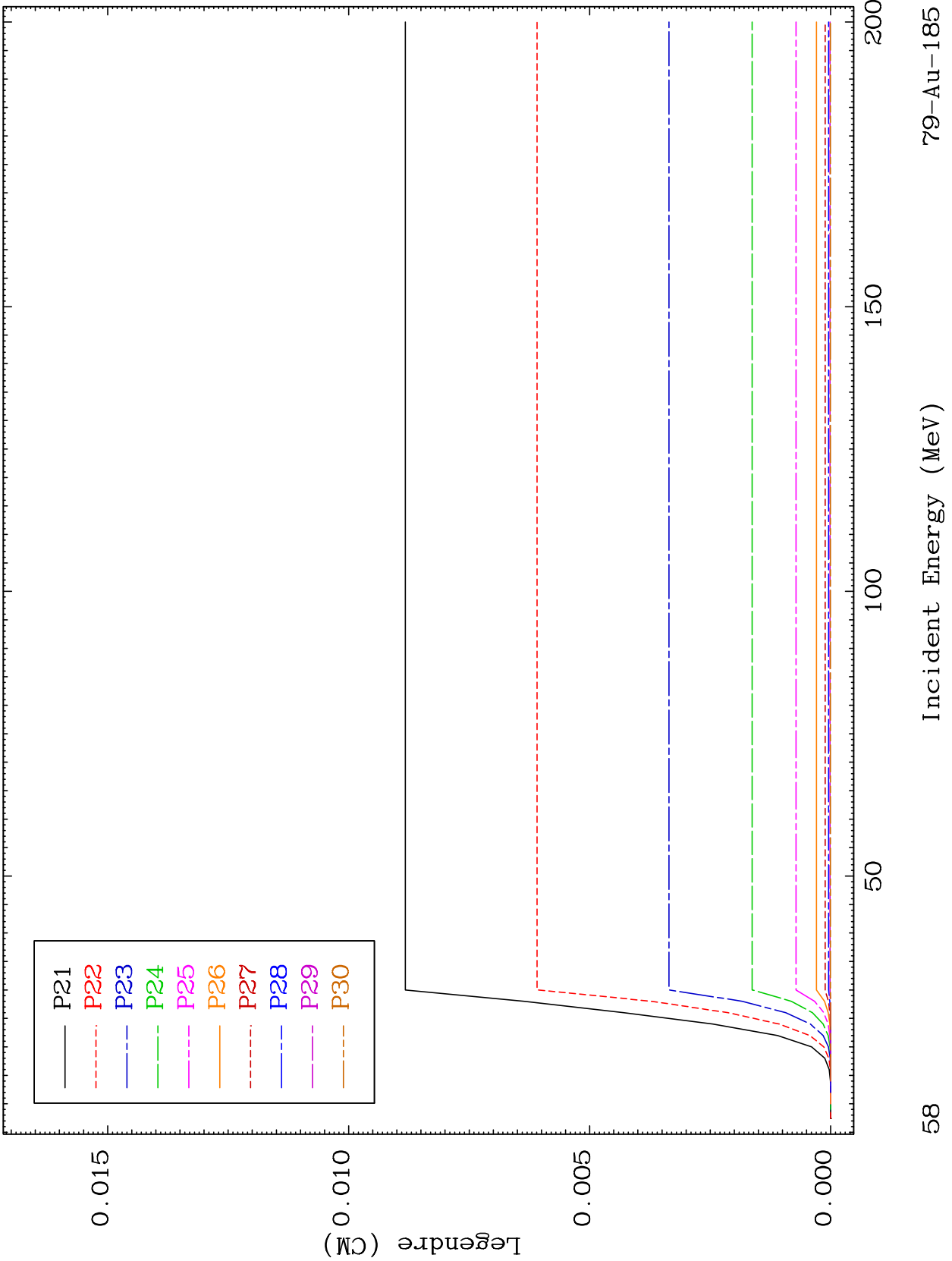


79-Au-185

Incident Energy (MeV)

56

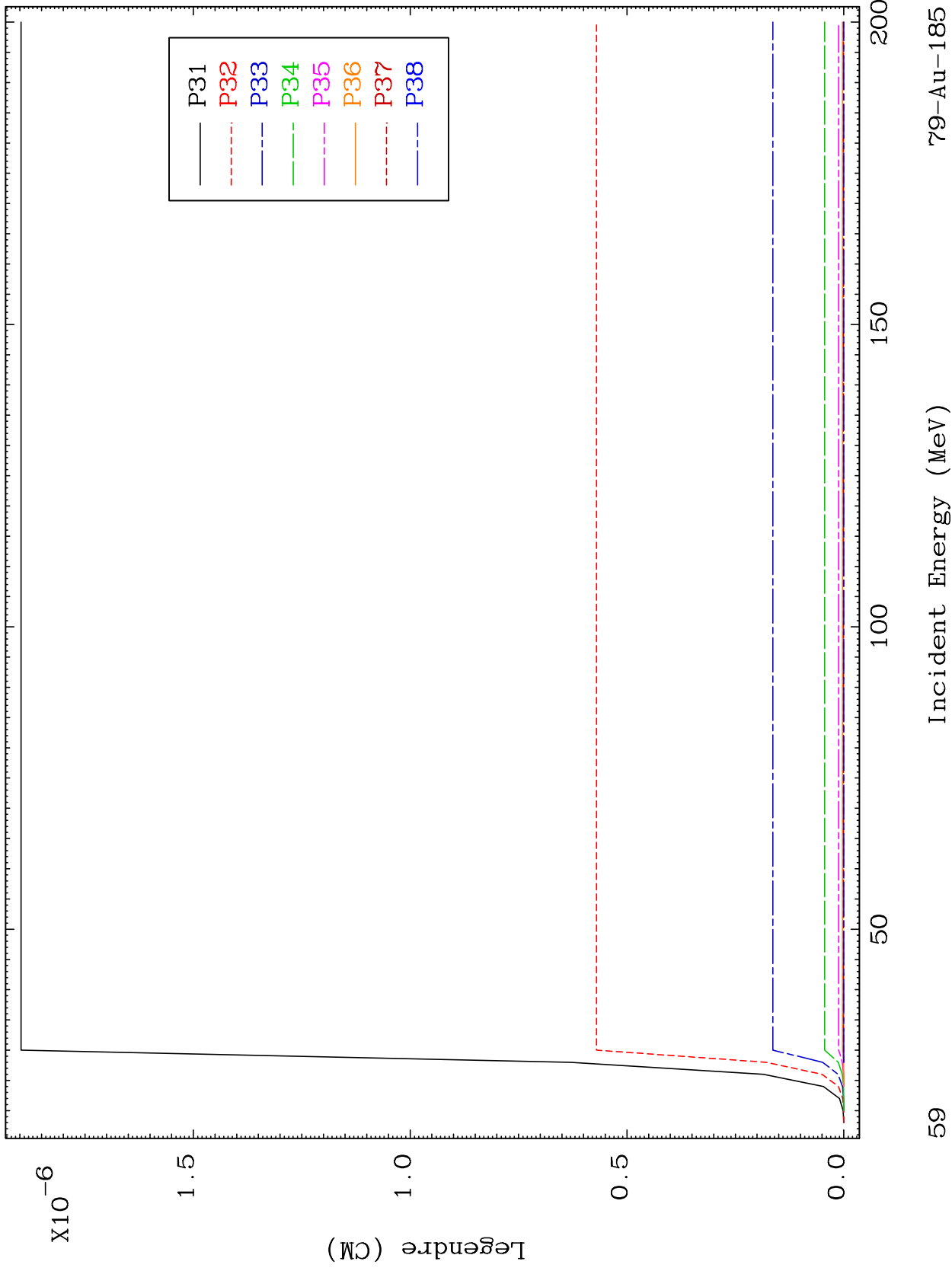




MAT 7889

233.9 keV (n,n') Level  
Legendre Coefficients

79-Au-185



59

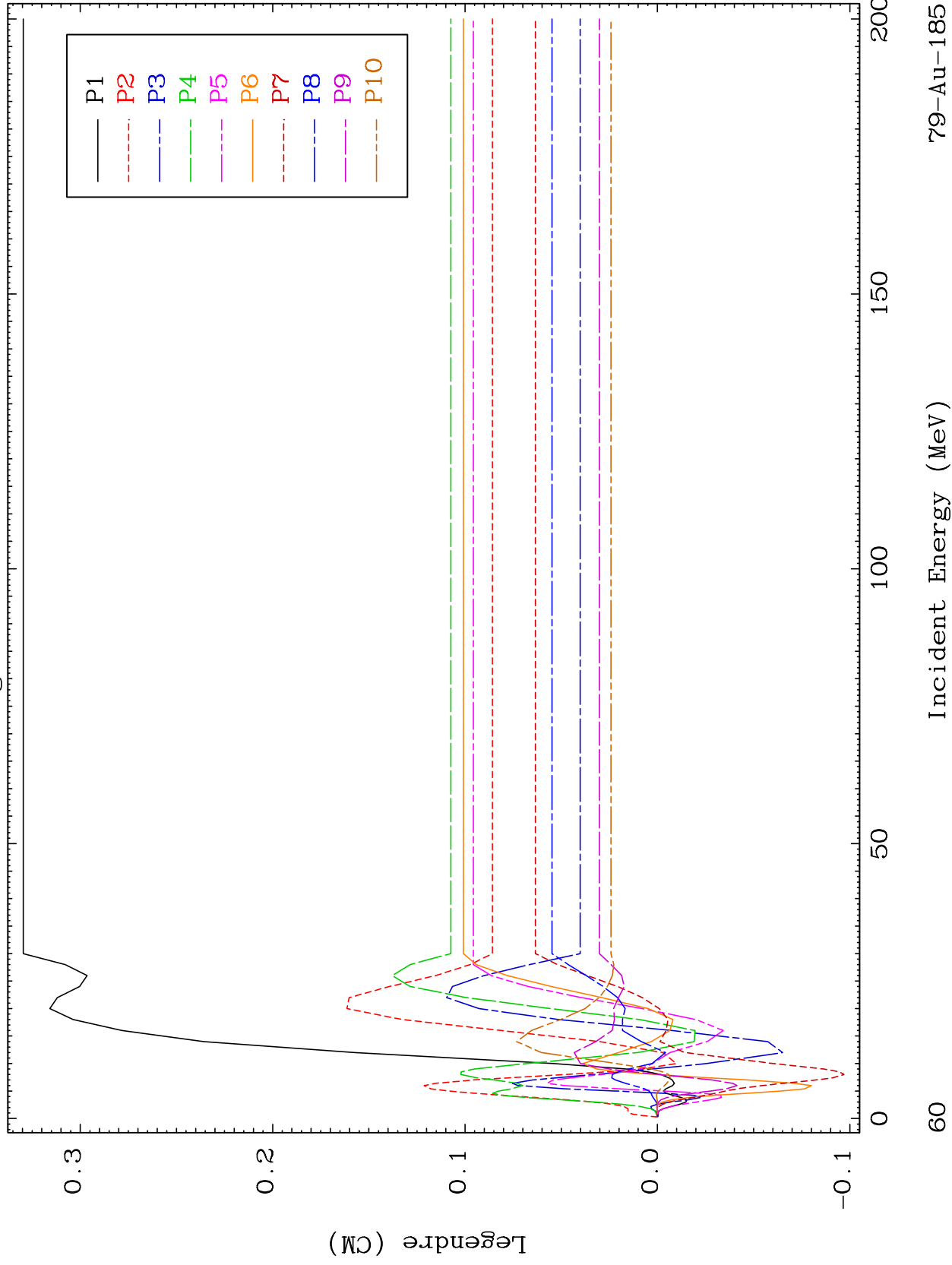
Incident Energy (MeV)

79-Au-185

MAT 7889

258.7 keV (n,n') Level  
Legendre Coefficients

79-Au-185

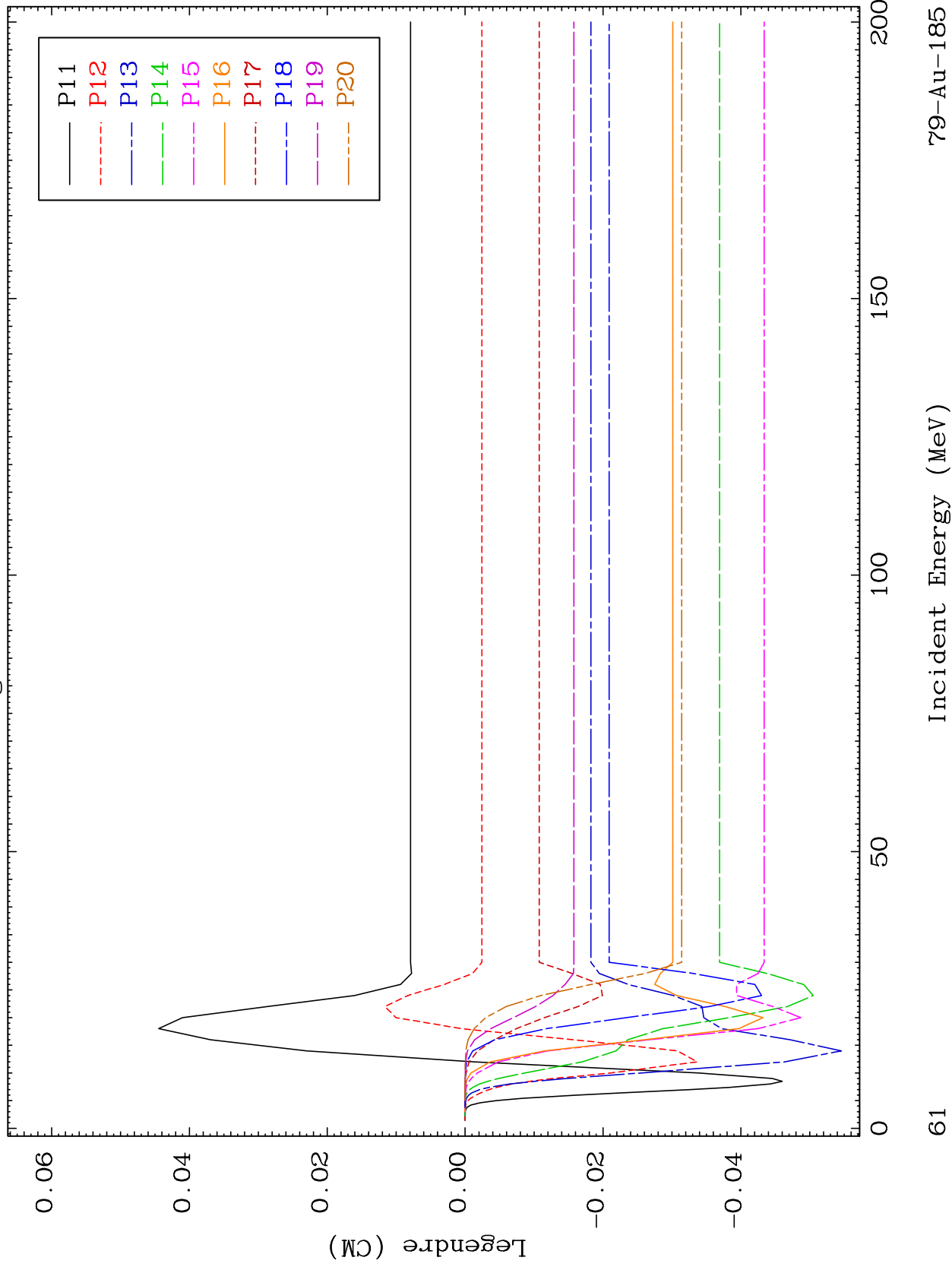


79-Au-185

MAT 7889

258.7 keV (n,n') Level  
Legendre Coefficients

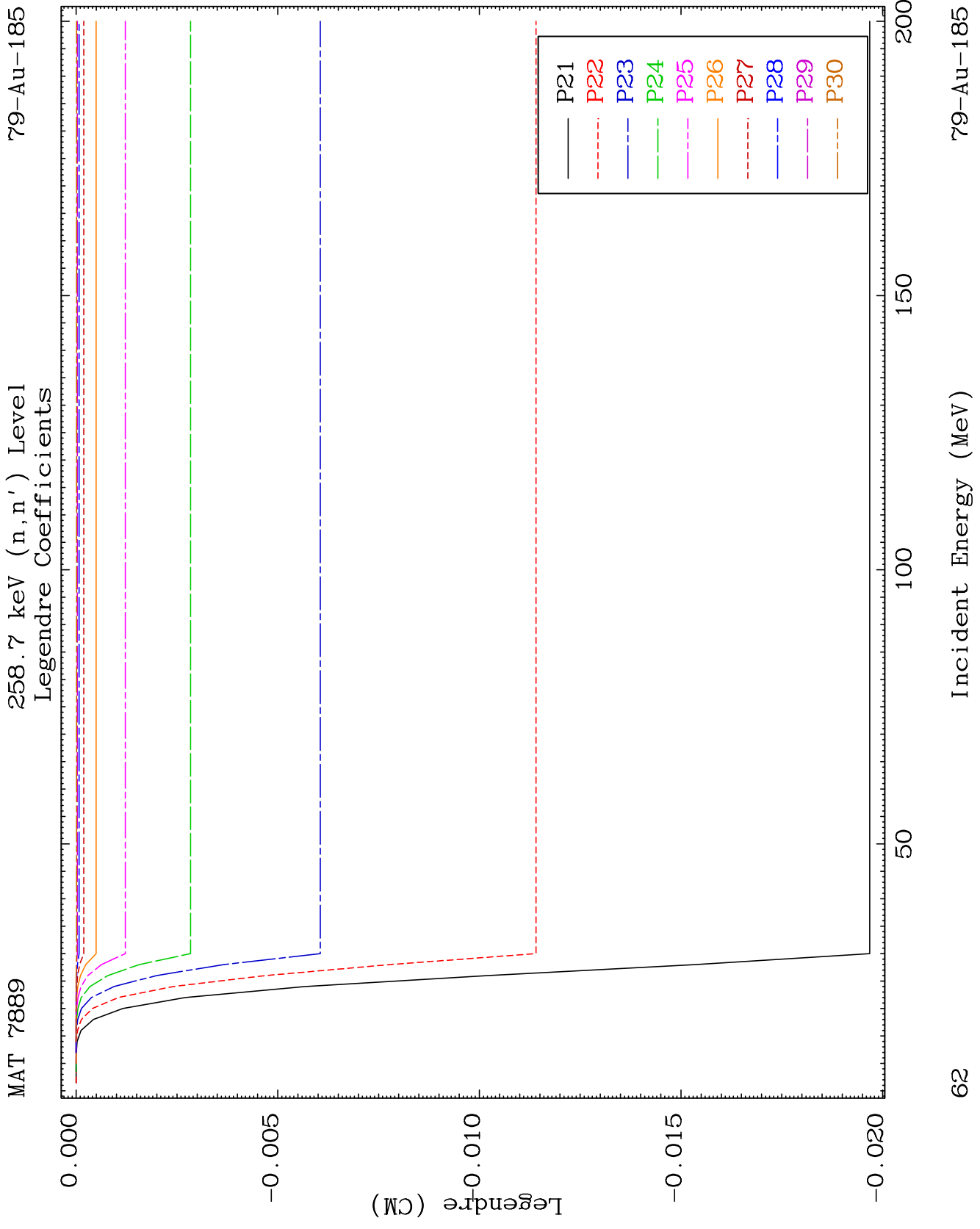
79-Au-185

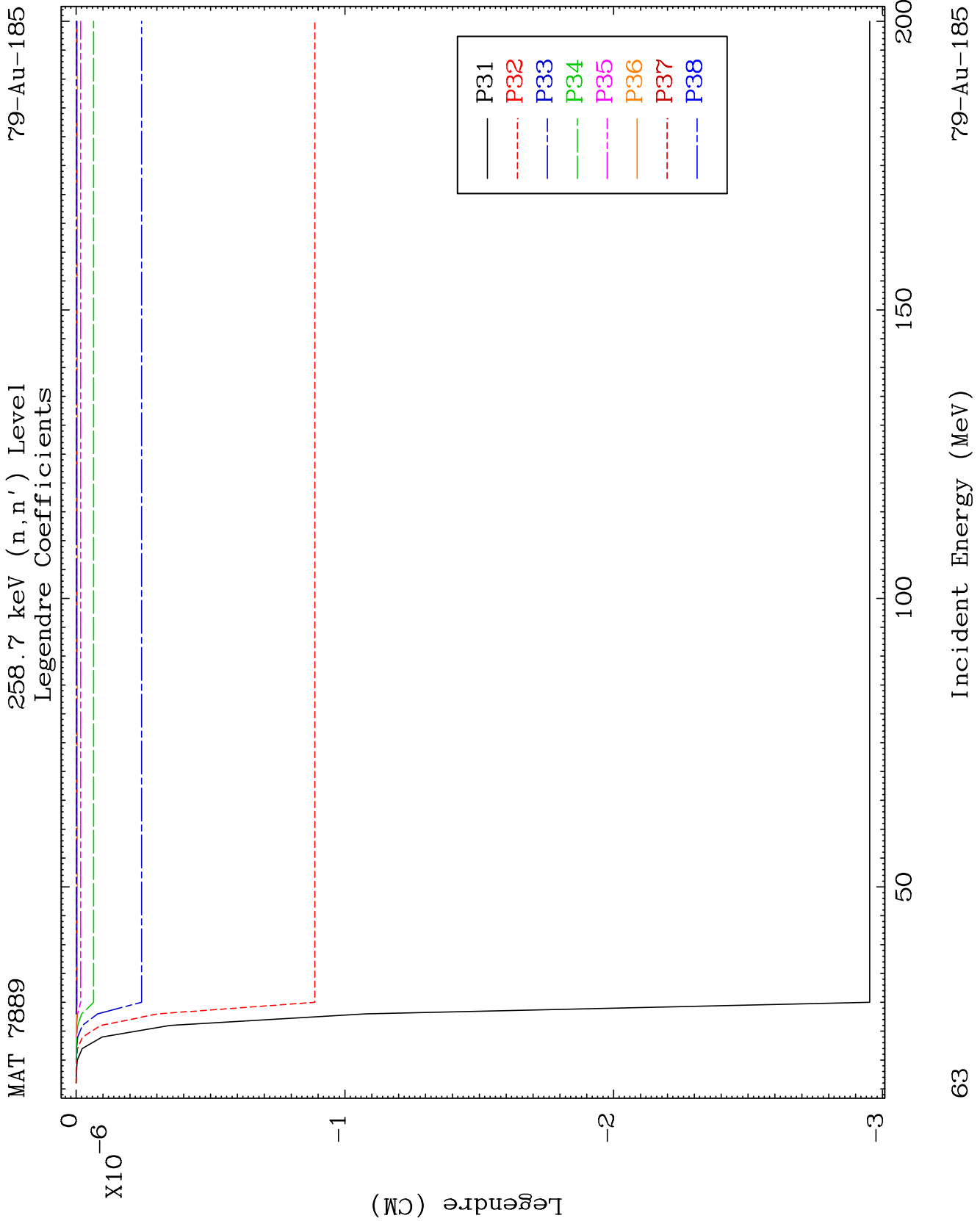


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Incident Energy (MeV)

79-Au-185



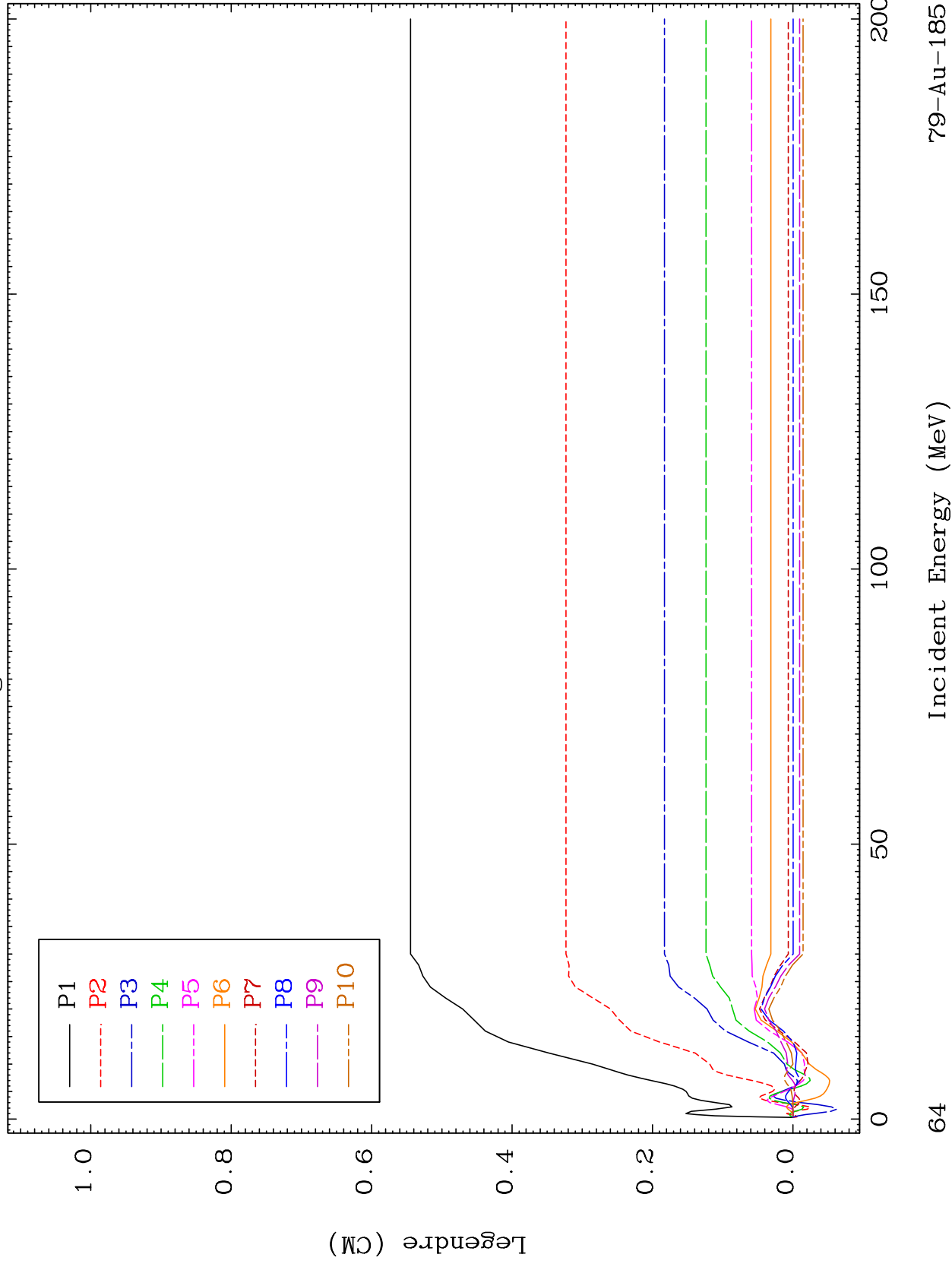


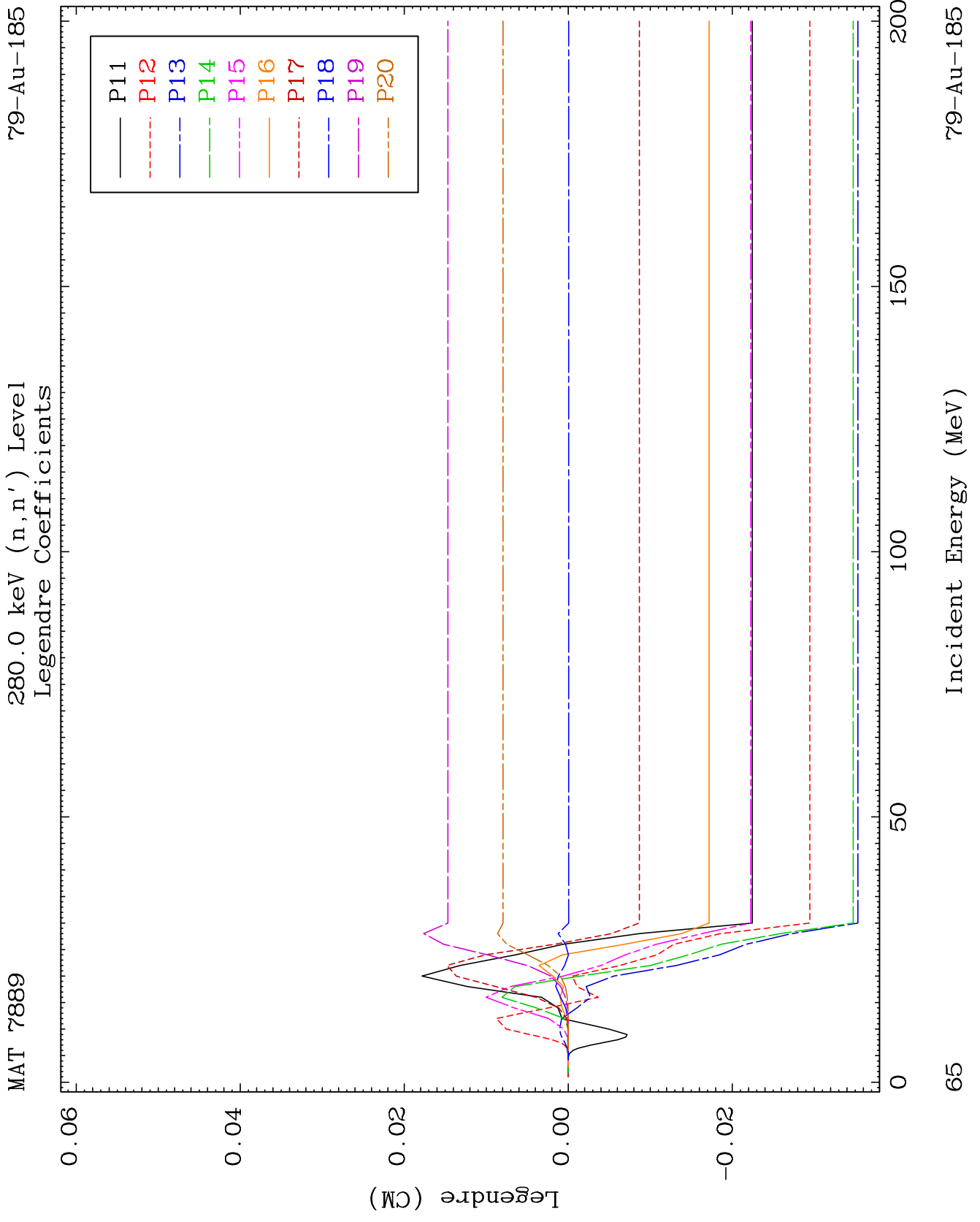


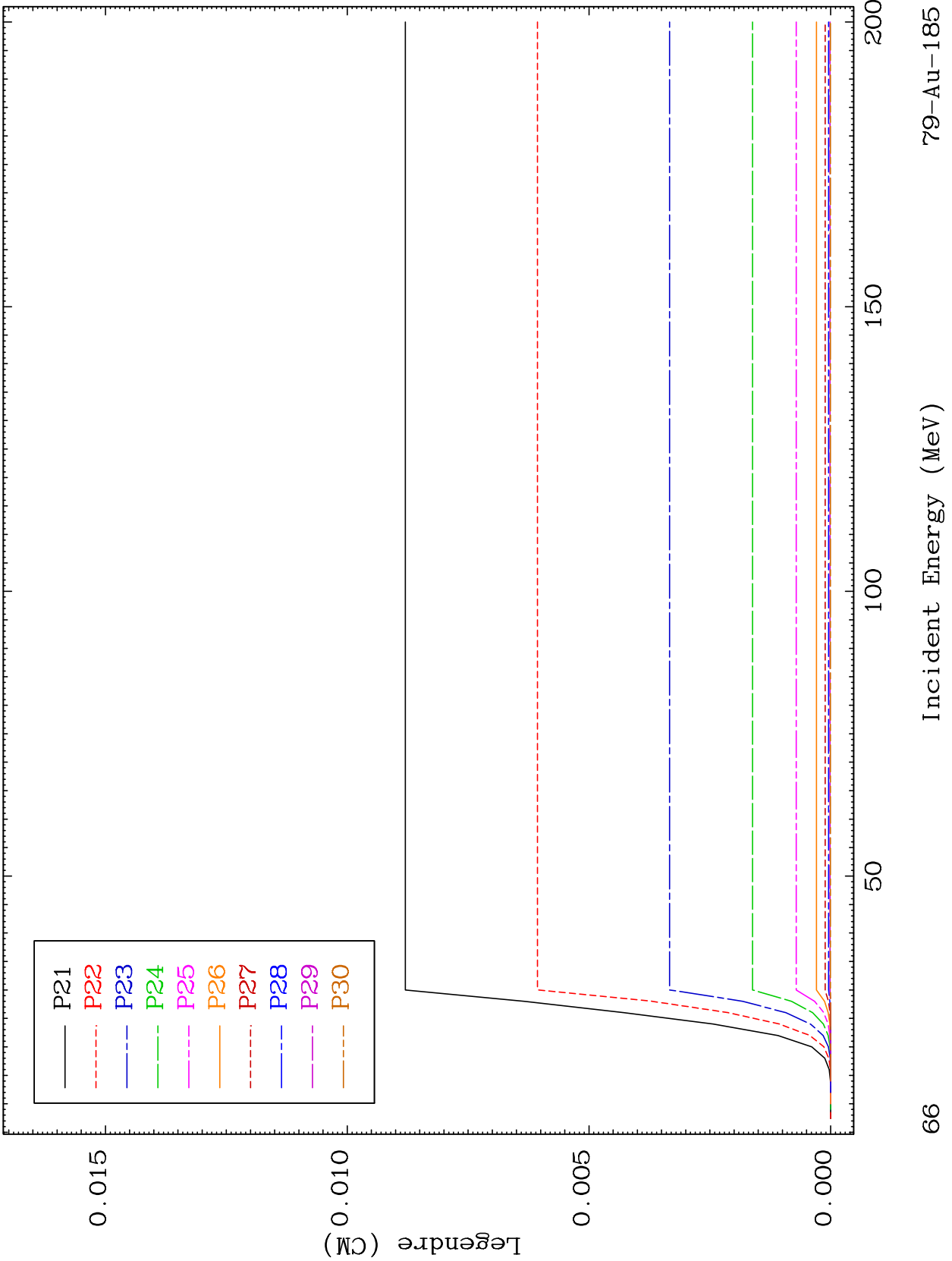
MAT 7889

280.0 keV (n,n') Level  
Legendre Coefficients

79-Au-185



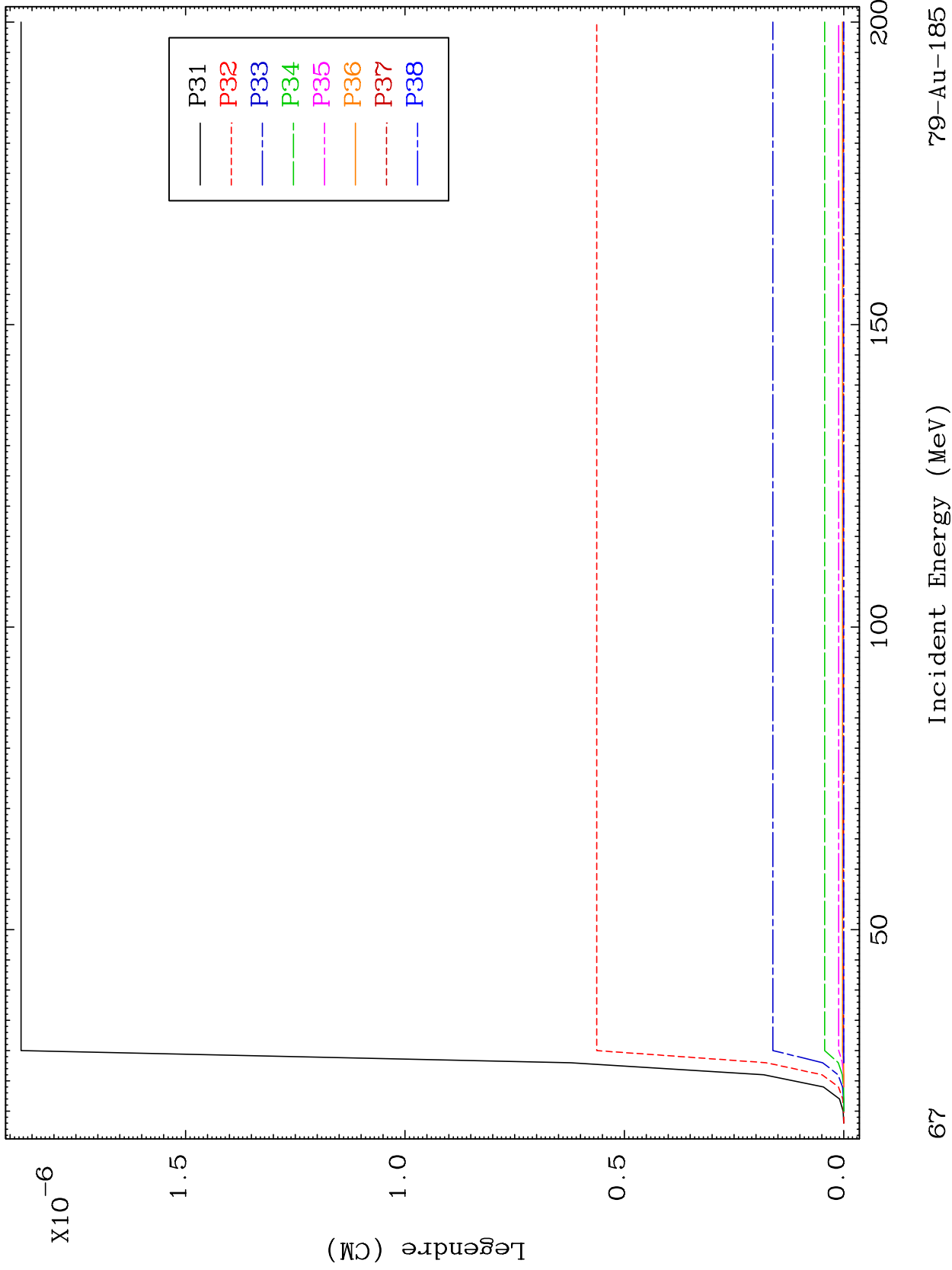




MAT 7889

280.0 keV (n,n') Level  
Legendre Coefficients

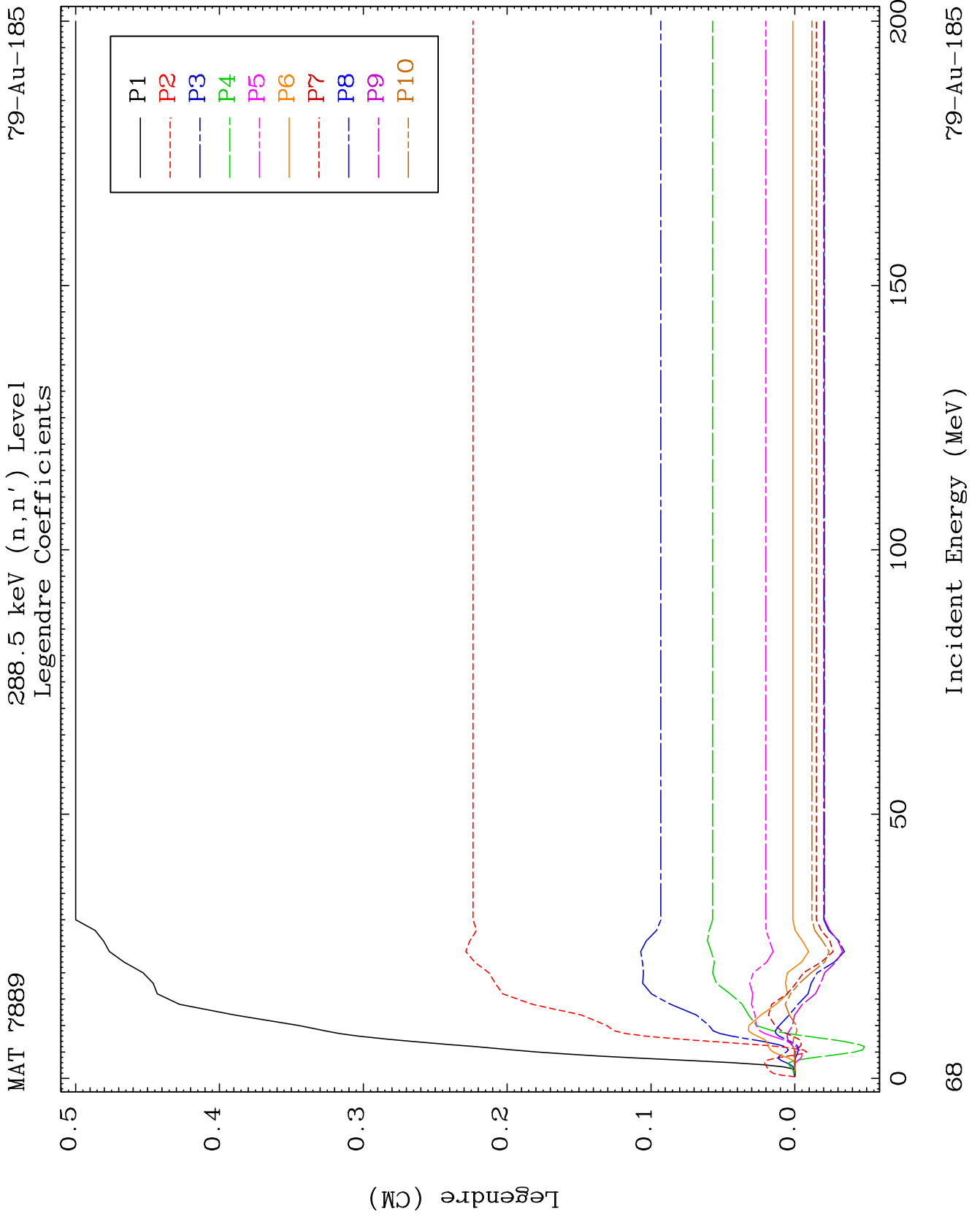
79-Au-185

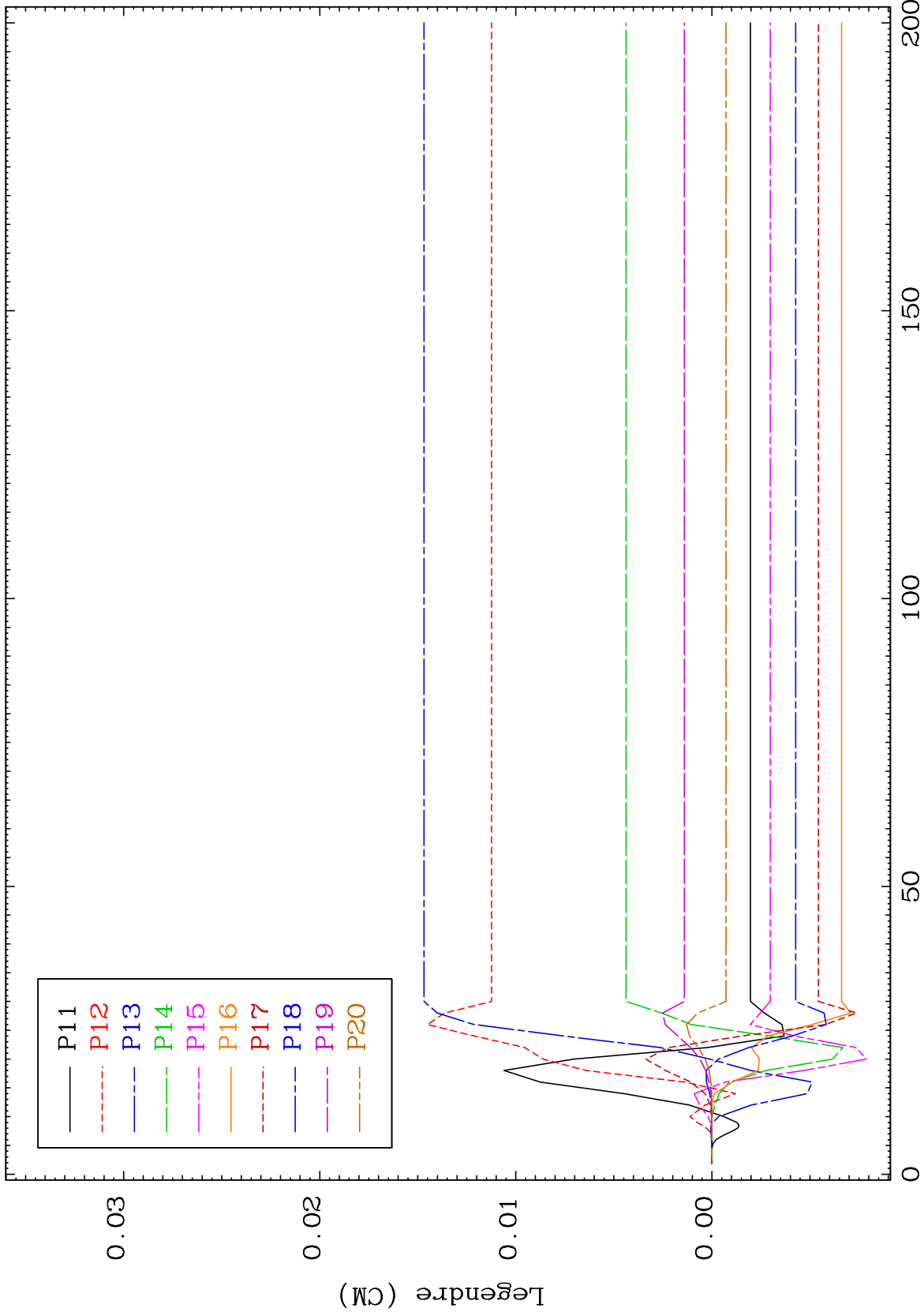


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Incident Energy (MeV)

79-Au-185

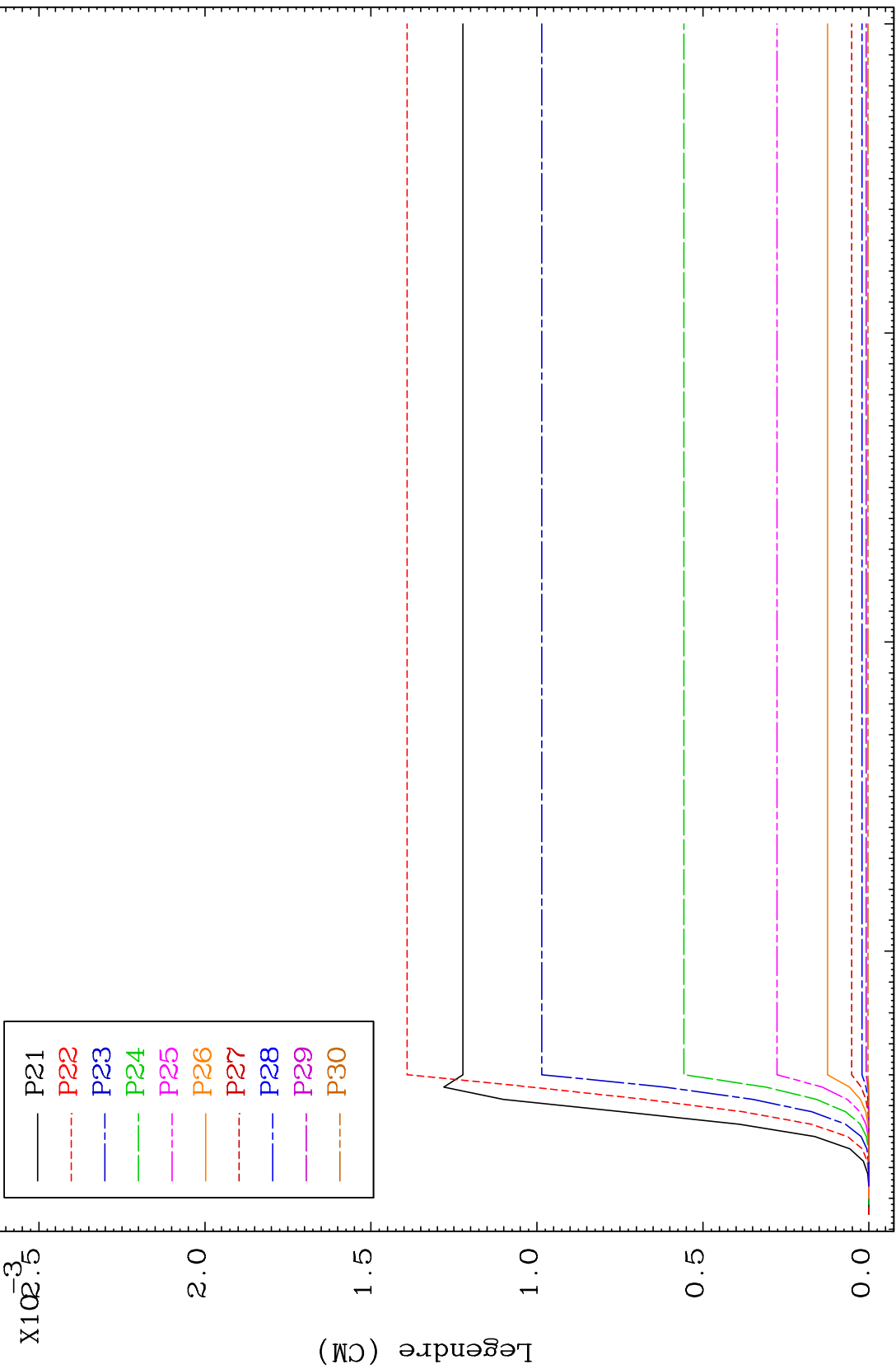
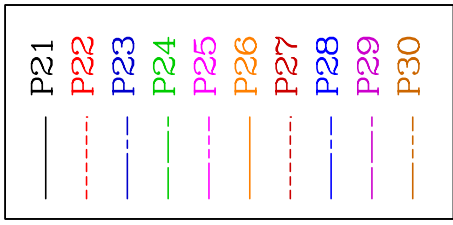




MAT 7889

288.5 keV (n,n') Level  
Legendre Coefficients

79-Au-185



70

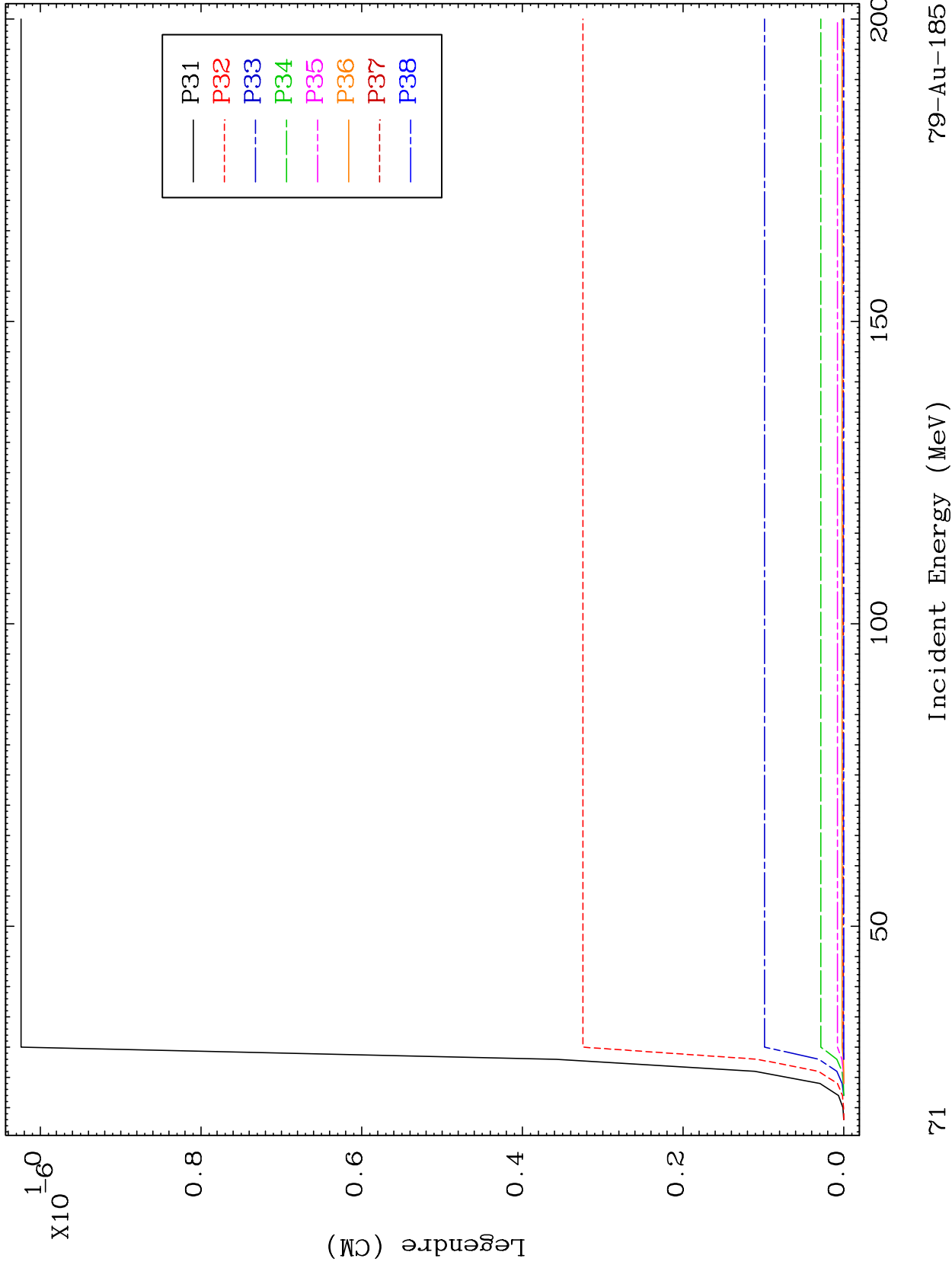
Incident Energy (MeV)

79-Au-185

MAT 7889

288.5 keV (n,n') Level  
Legendre Coefficients

79-Au-185

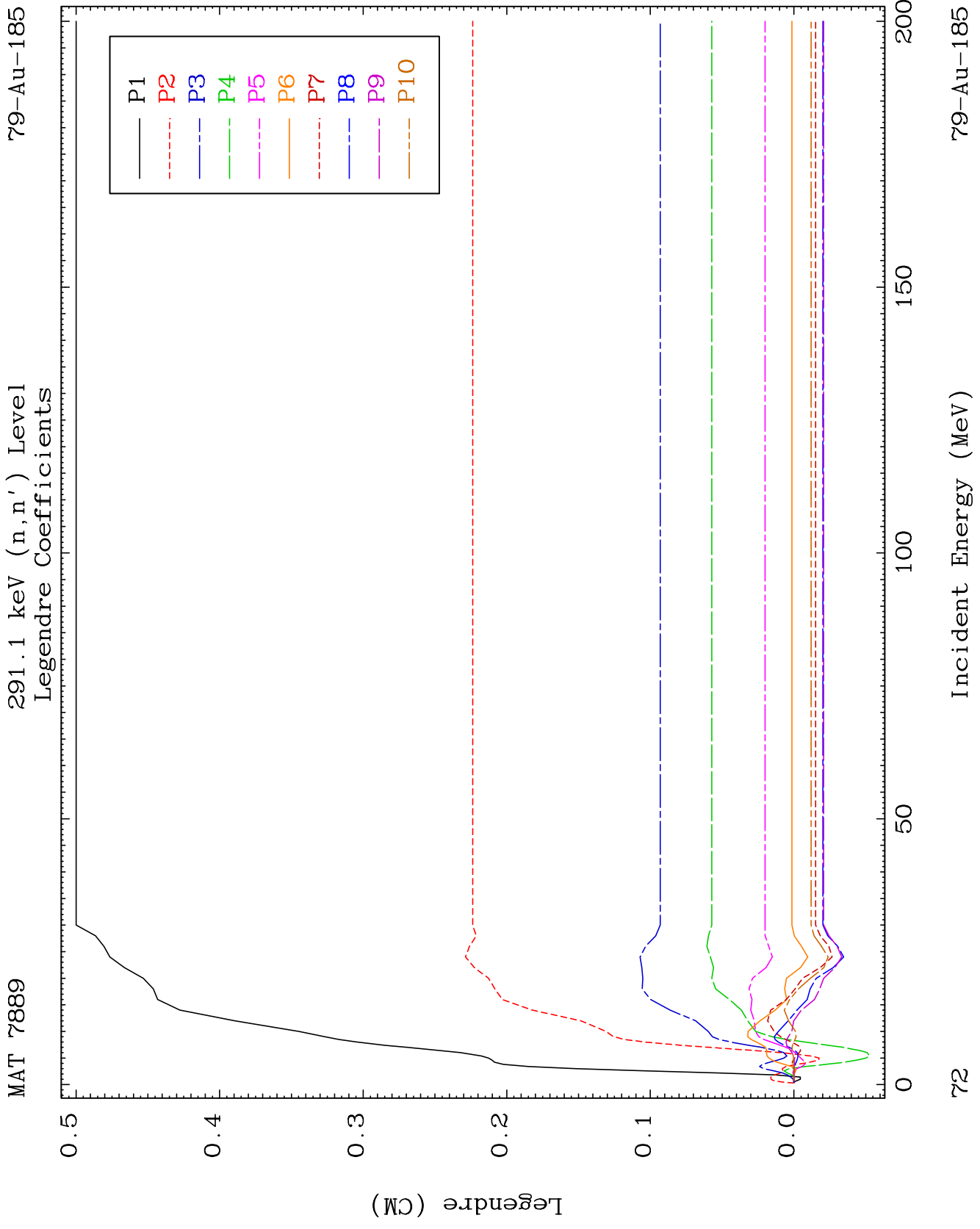


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Incident Energy (MeV)

79-Au-185

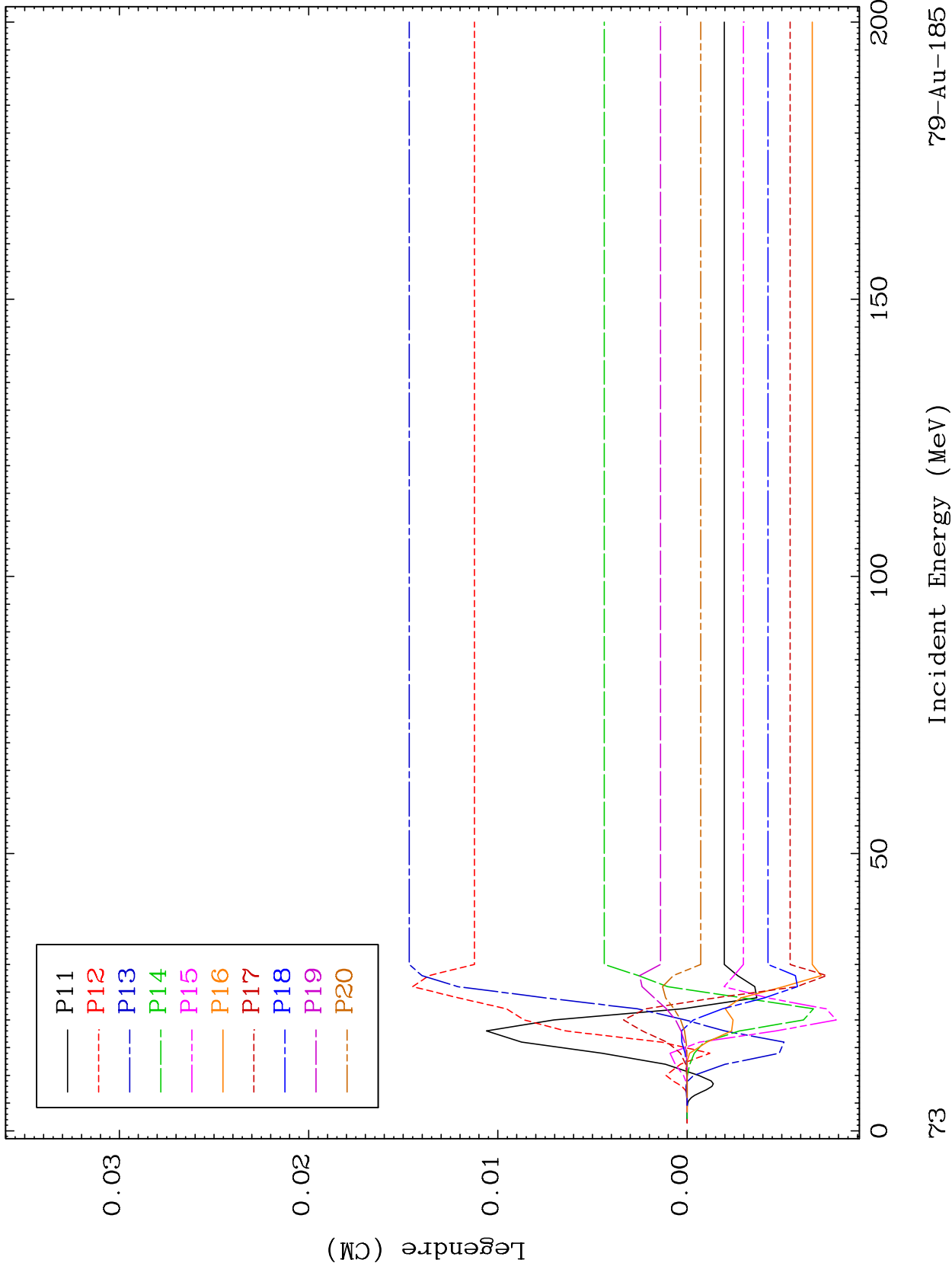




MAT 7889

291.1 keV (n,n') Level  
Legendre Coefficients

79-Au-185



73

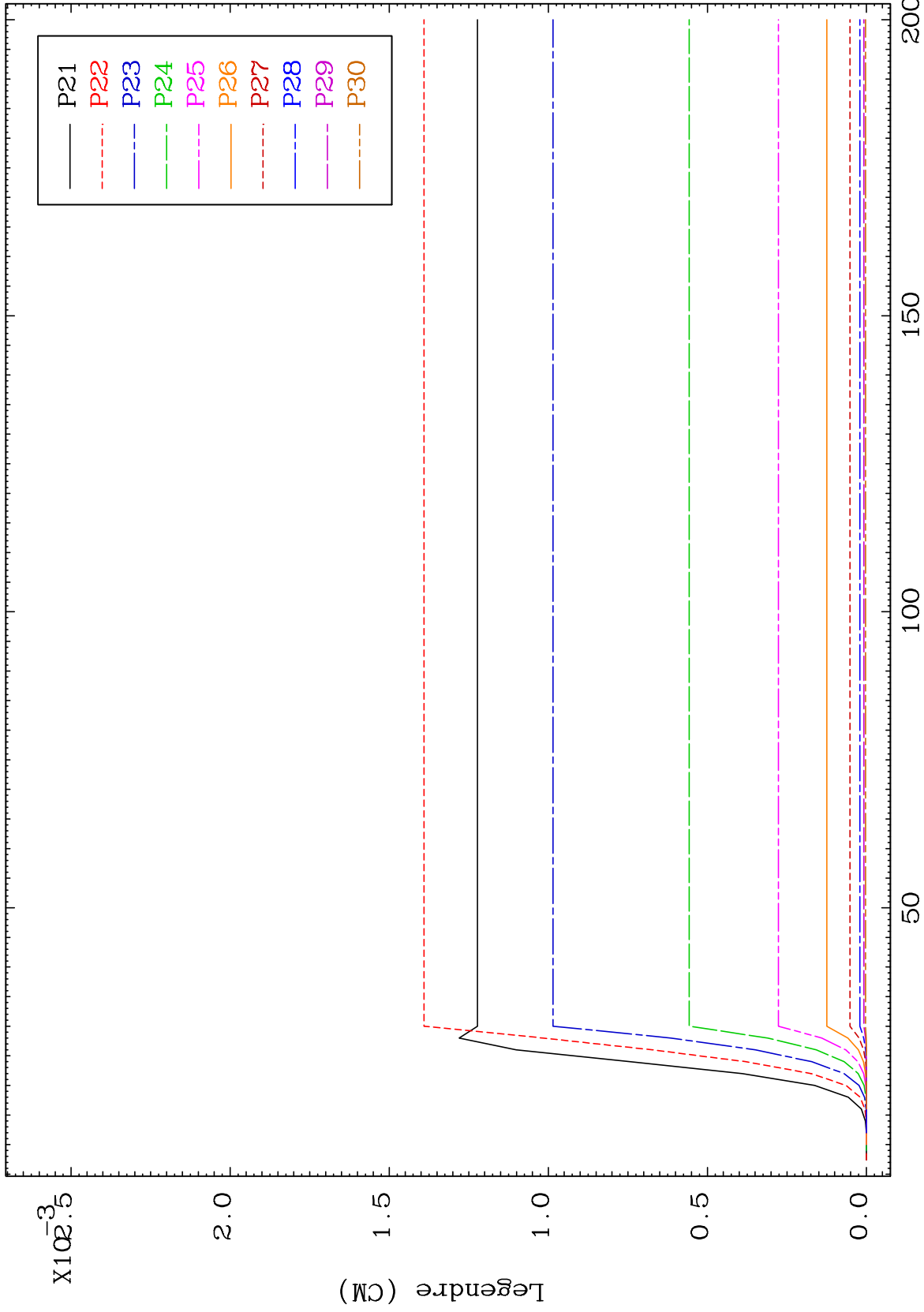
Incident Energy (MeV)

79-Au-185

MAT 7889

291.1 keV (n,n') Level  
Legendre Coefficients

79-Au-185



74

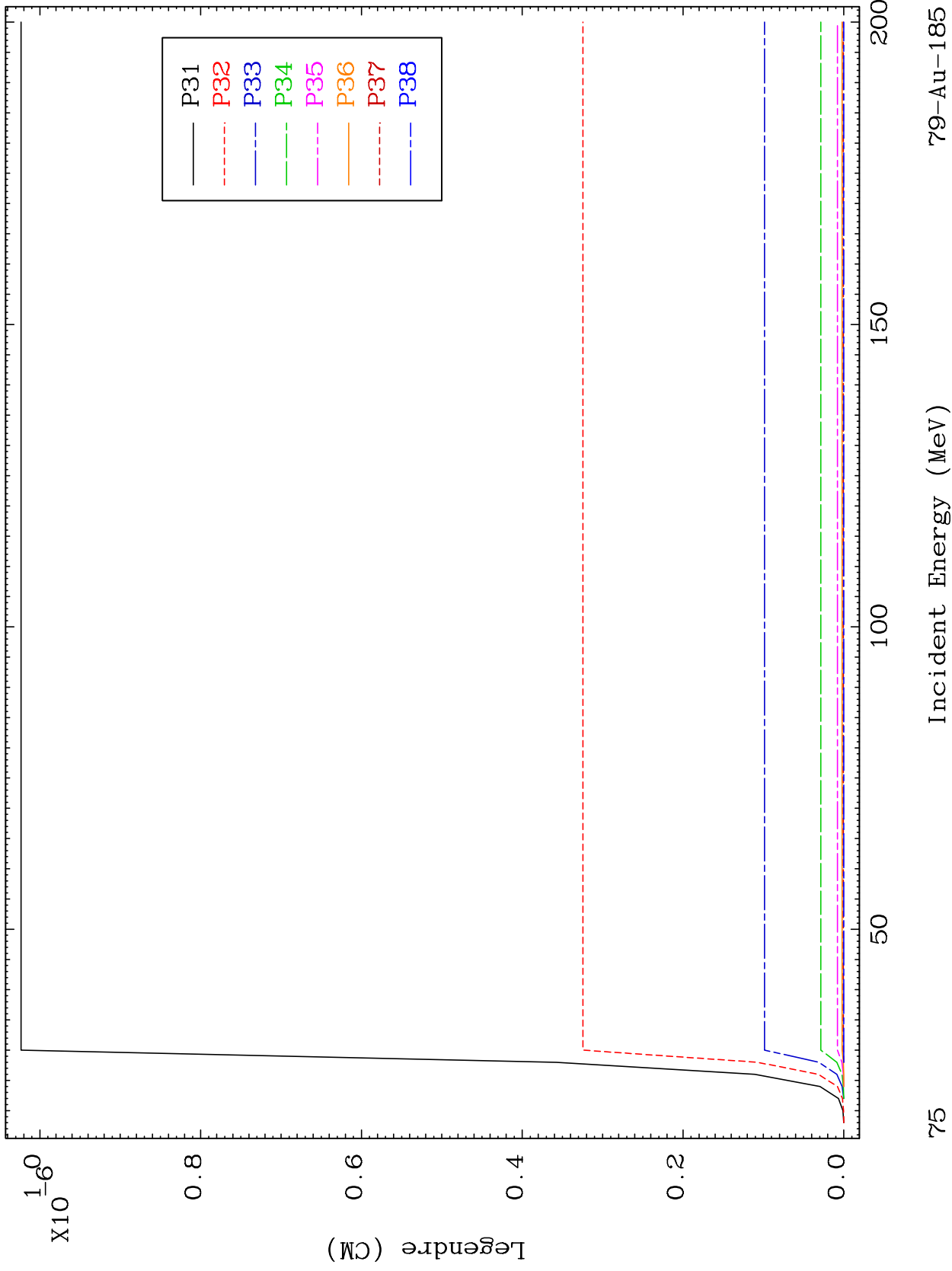
Incident Energy (MeV)

79-Au-185

MAT 7889

291.1 keV (n,n') Level  
Legendre Coefficients

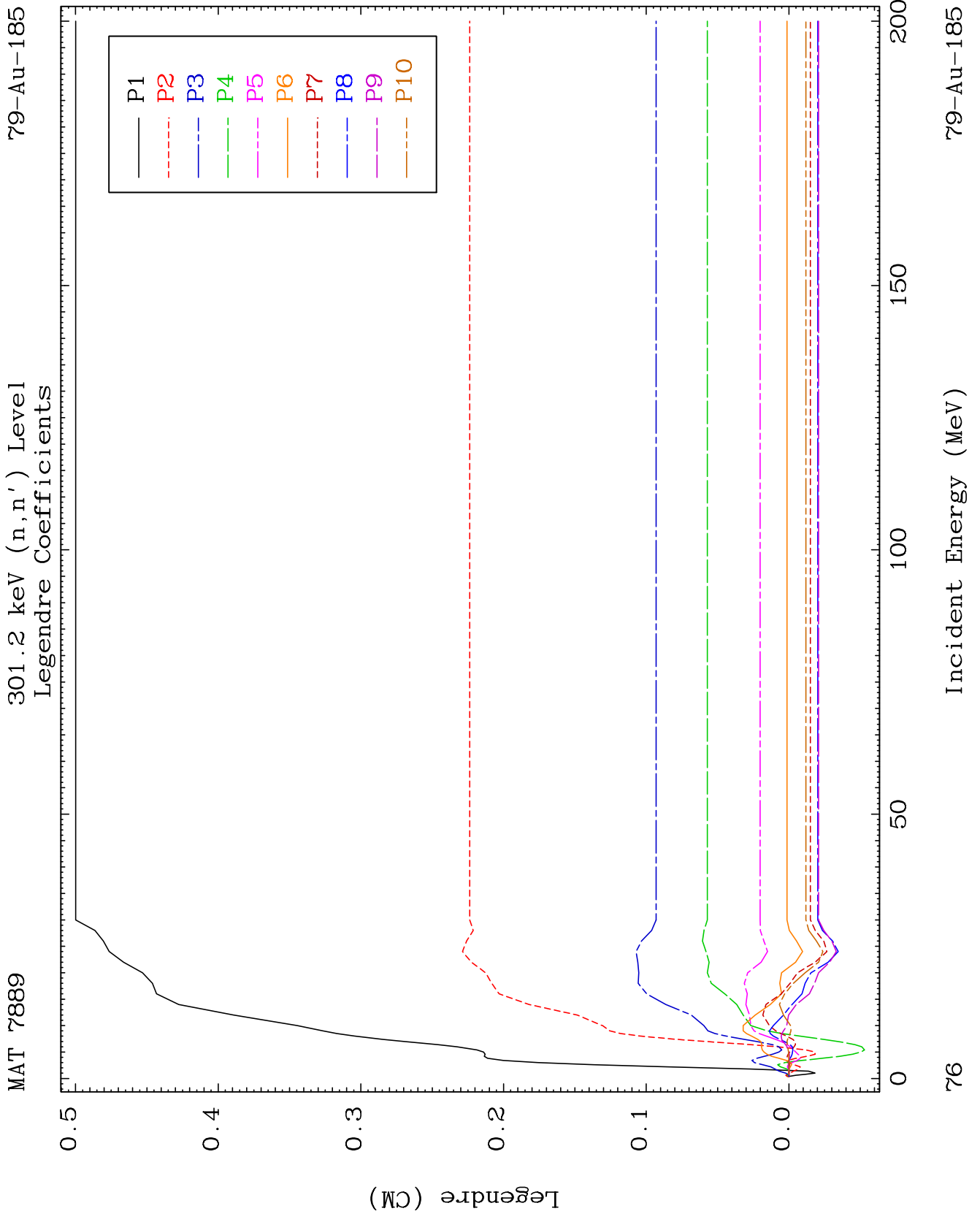
79-Au-185



75

Incident Energy (MeV)

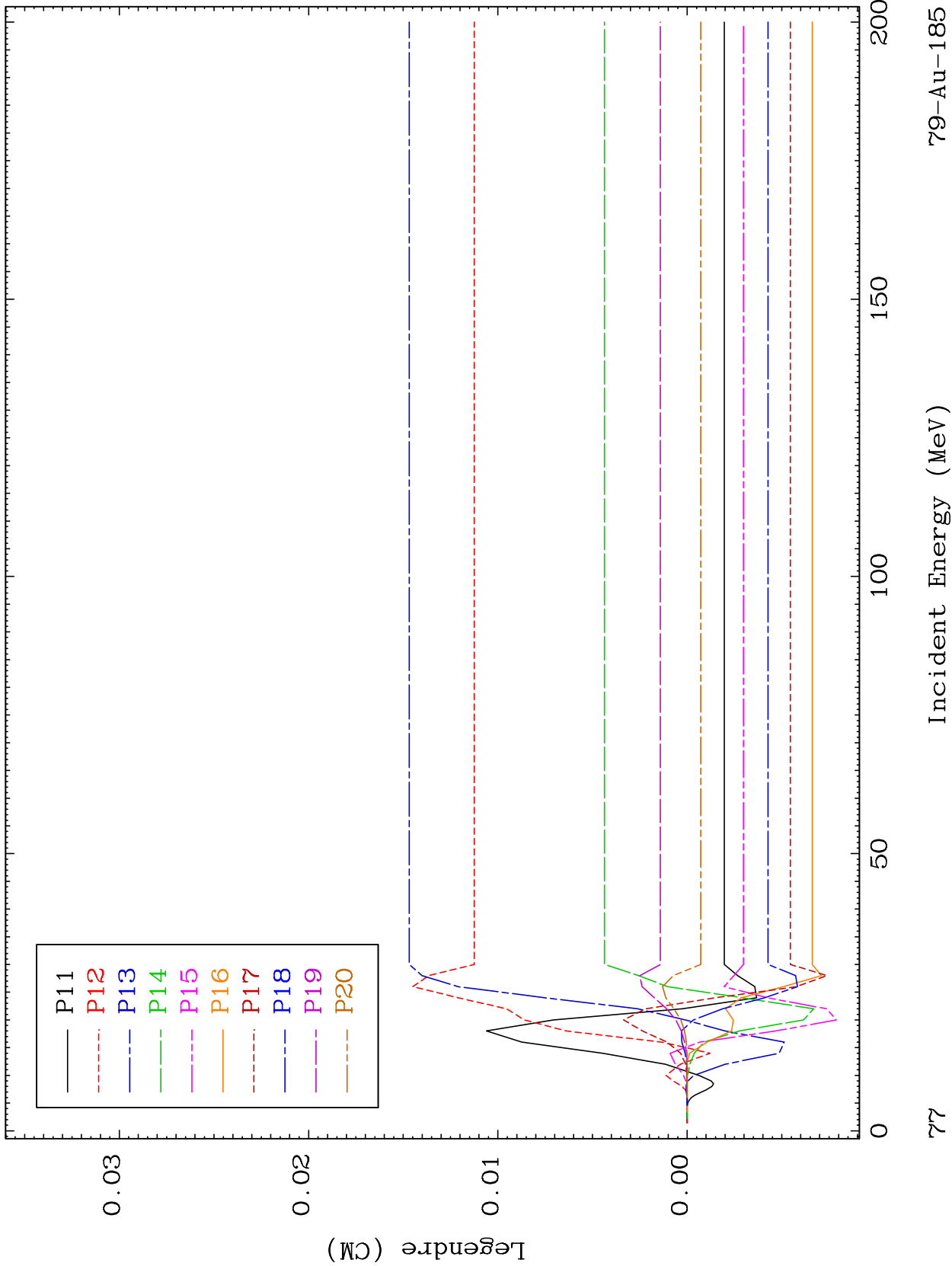
79-Au-185



MAT 7889

301.2 keV (n,n') Level  
Legendre Coefficients

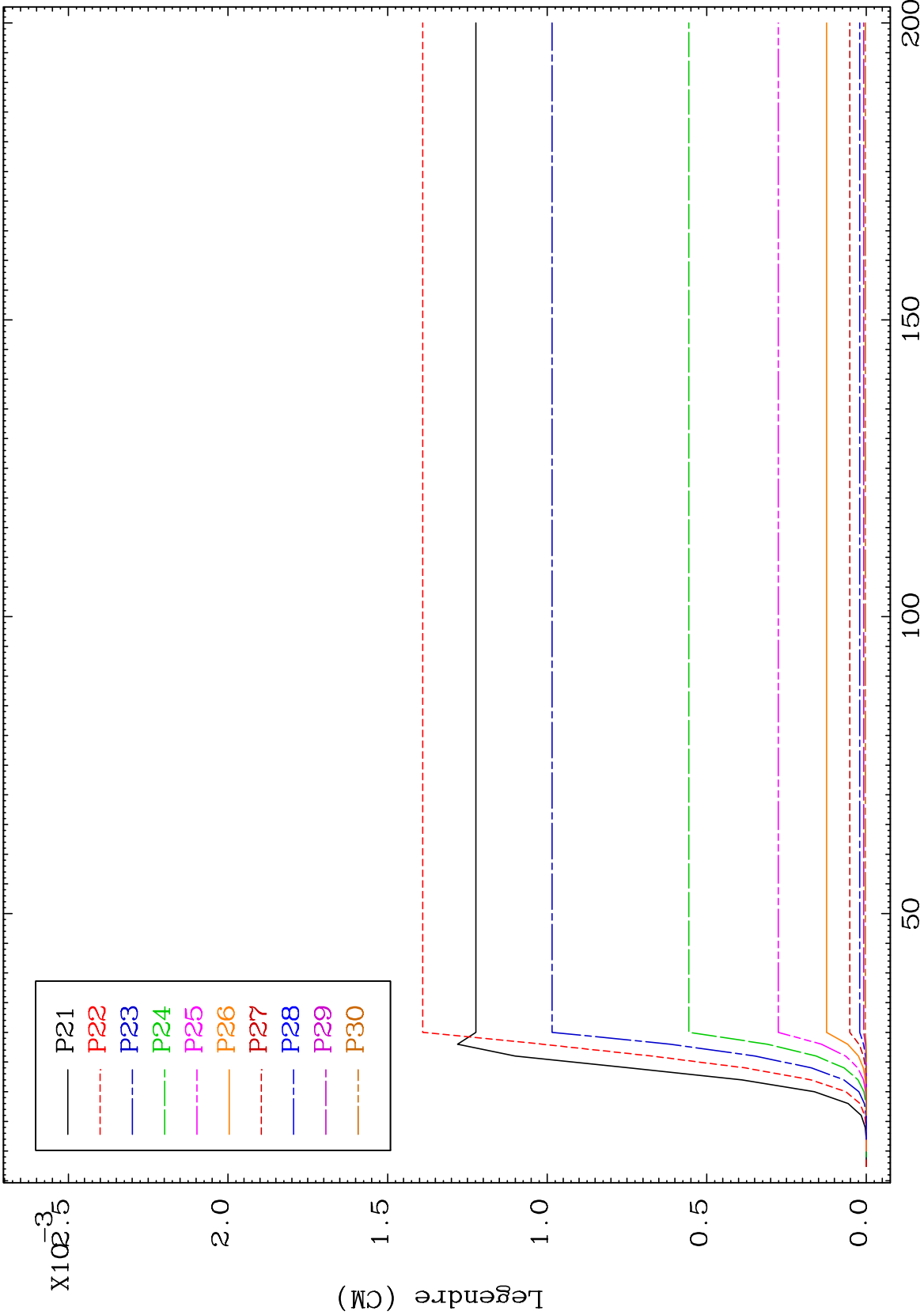
79-Au-185



77

Incident Energy (MeV)

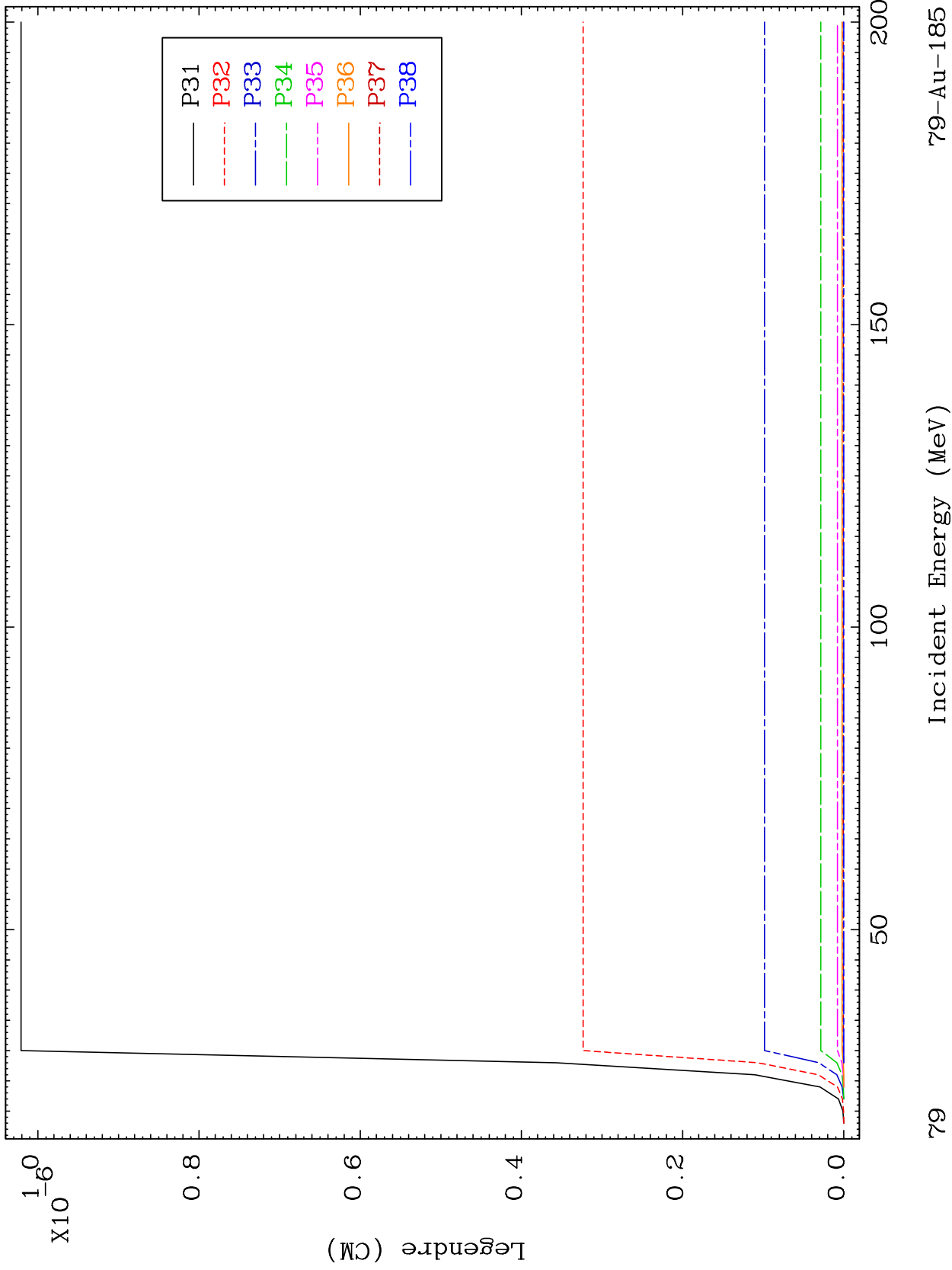
79-Au-185



MAT 7889

301.2 keV (n,n') Level  
Legendre Coefficients

79-Au-185

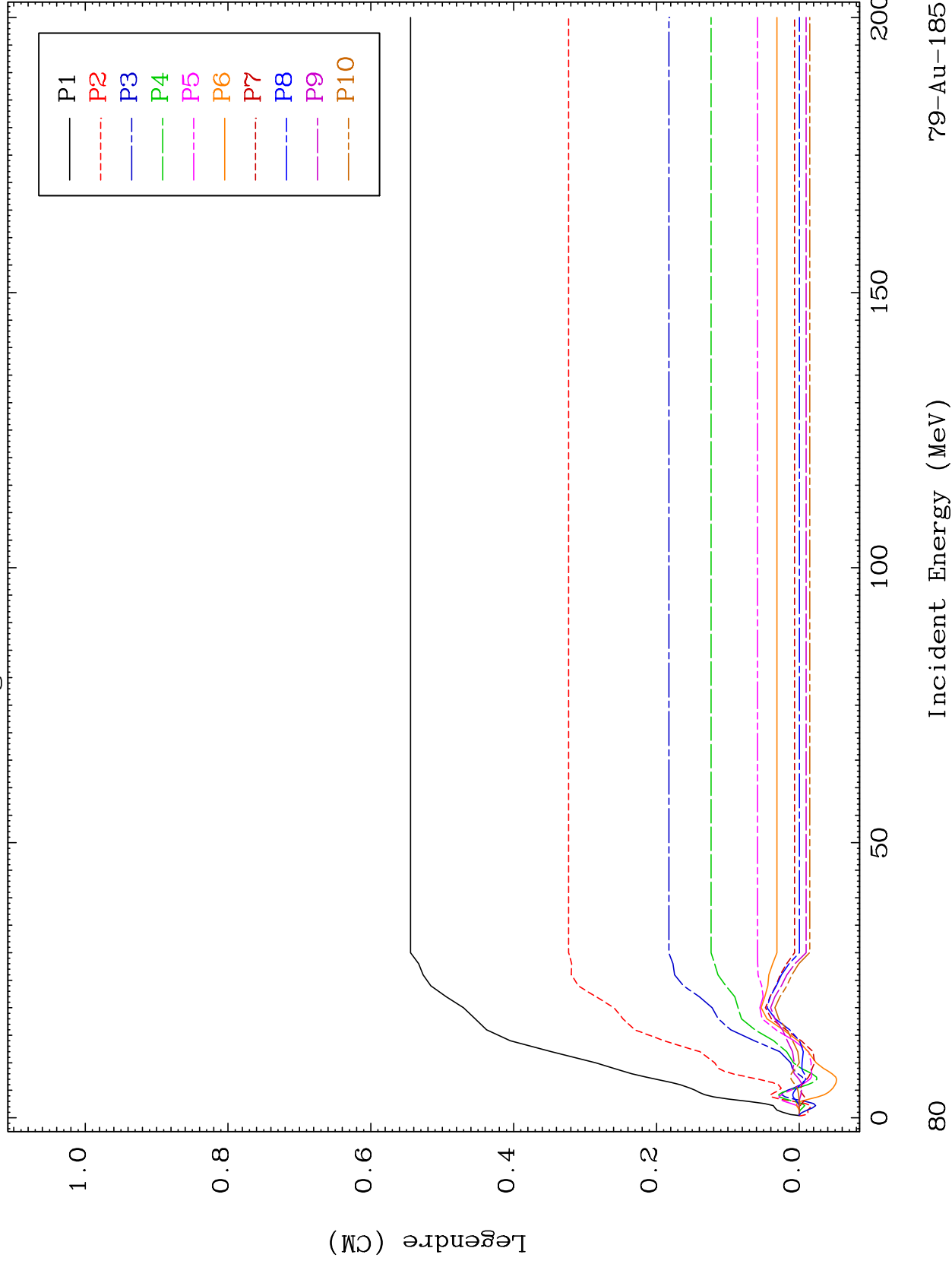


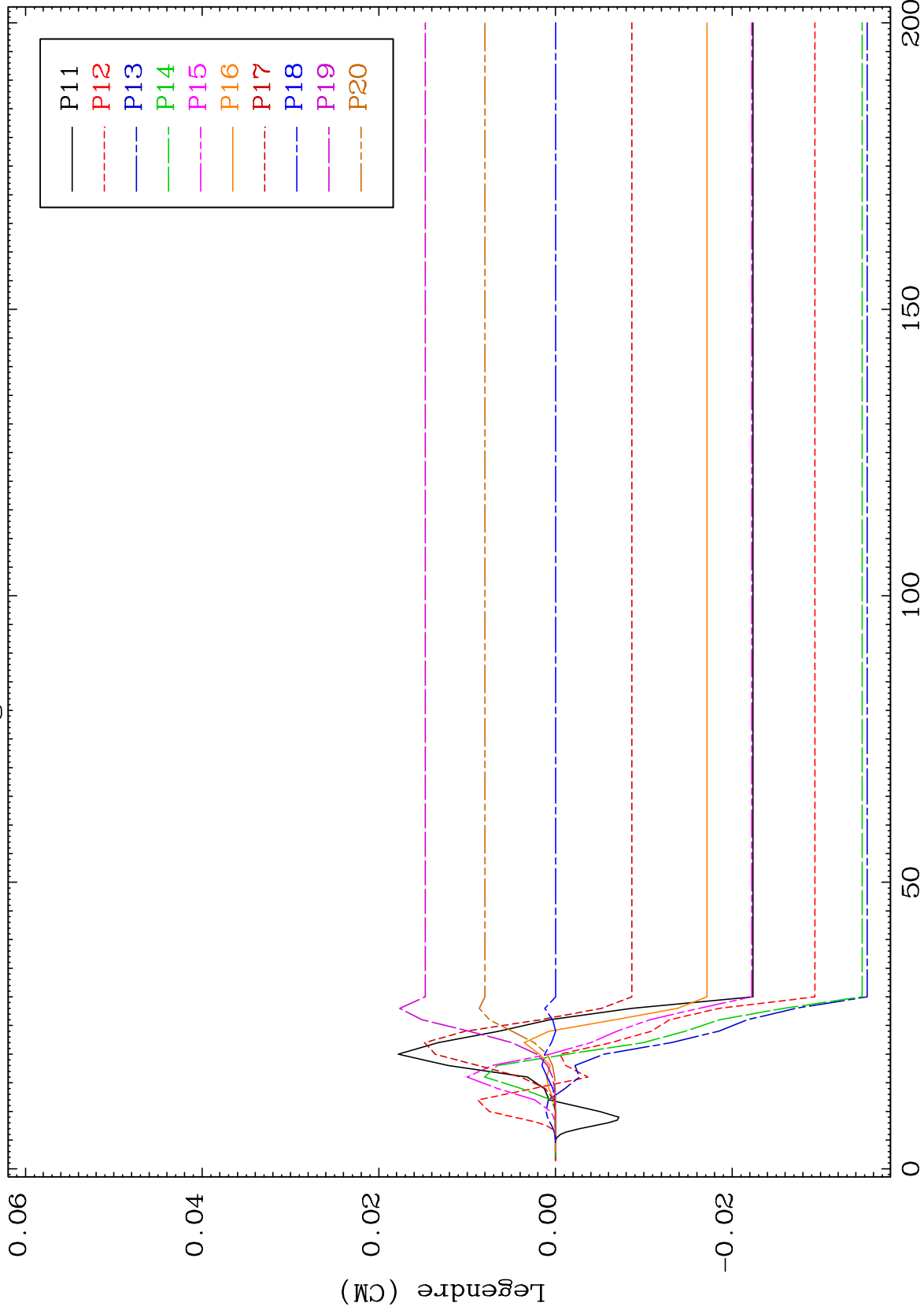


MAT 7889

322.0 keV (n,n') Level  
Legendre Coefficients

79-Au-185

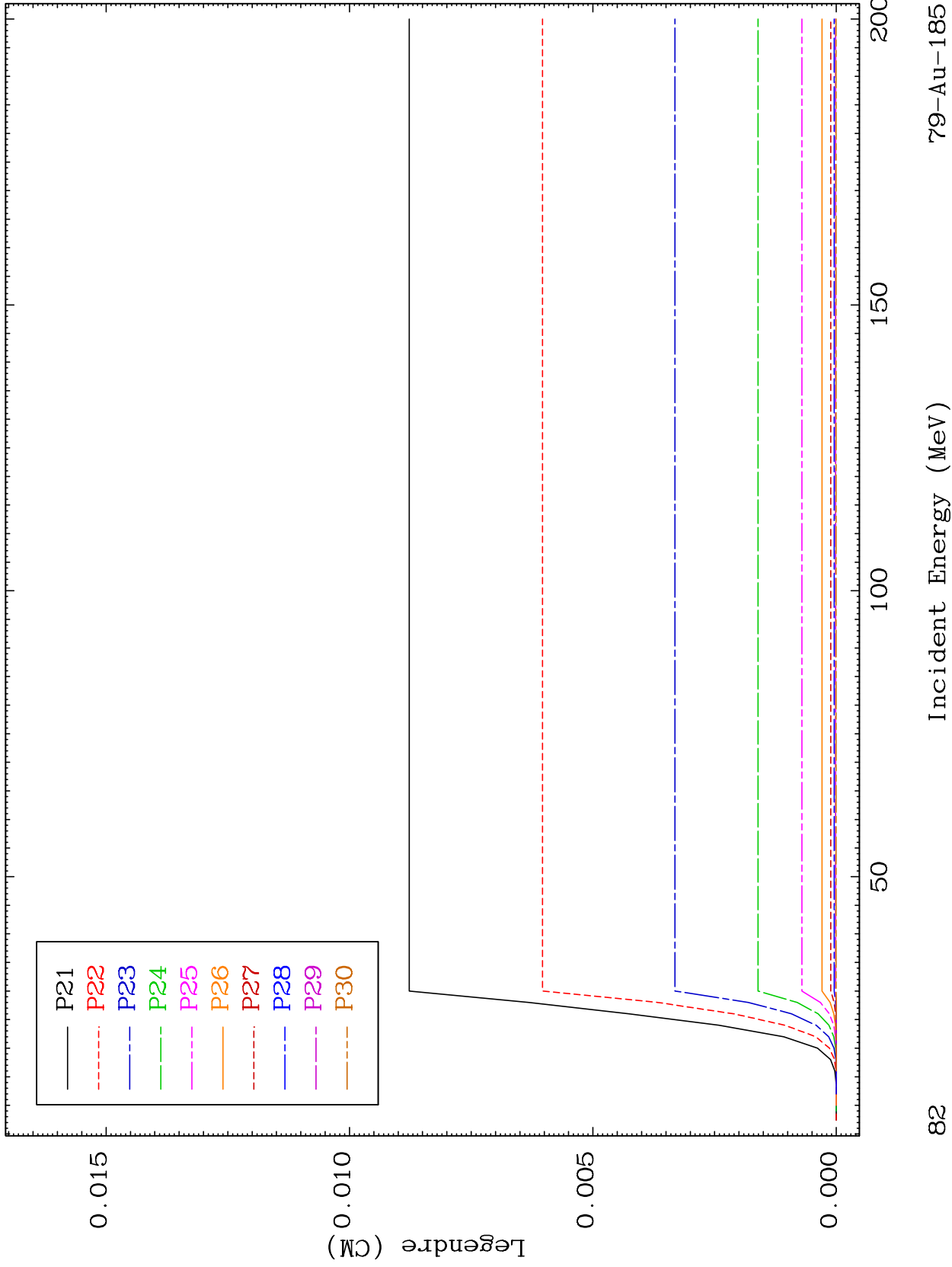




MAT 7889

322.0 keV (n,n') Level  
Legendre Coefficients

79-Au-185

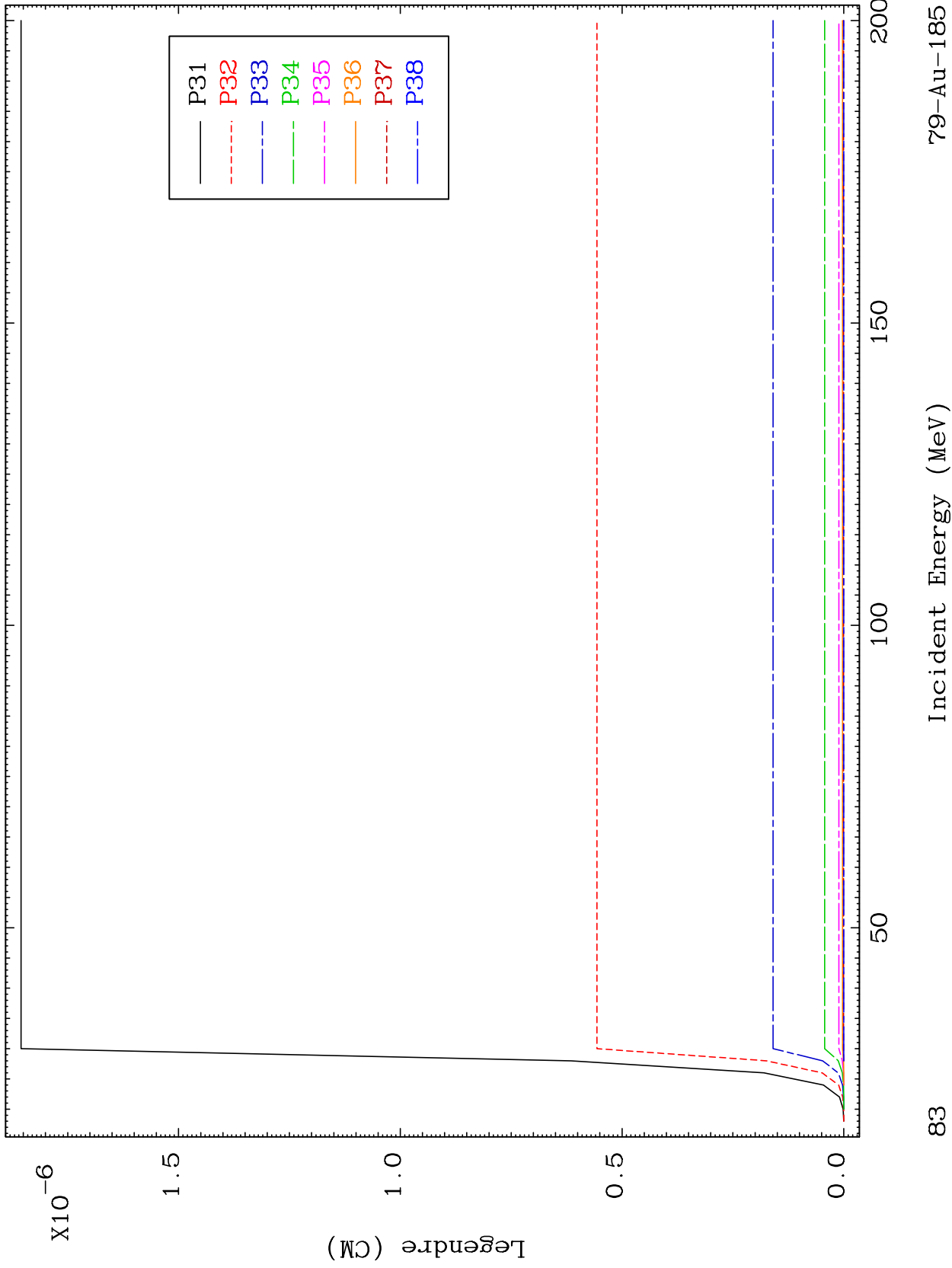


82

MAT 7889

322.0 keV (n,n') Level  
Legendre Coefficients

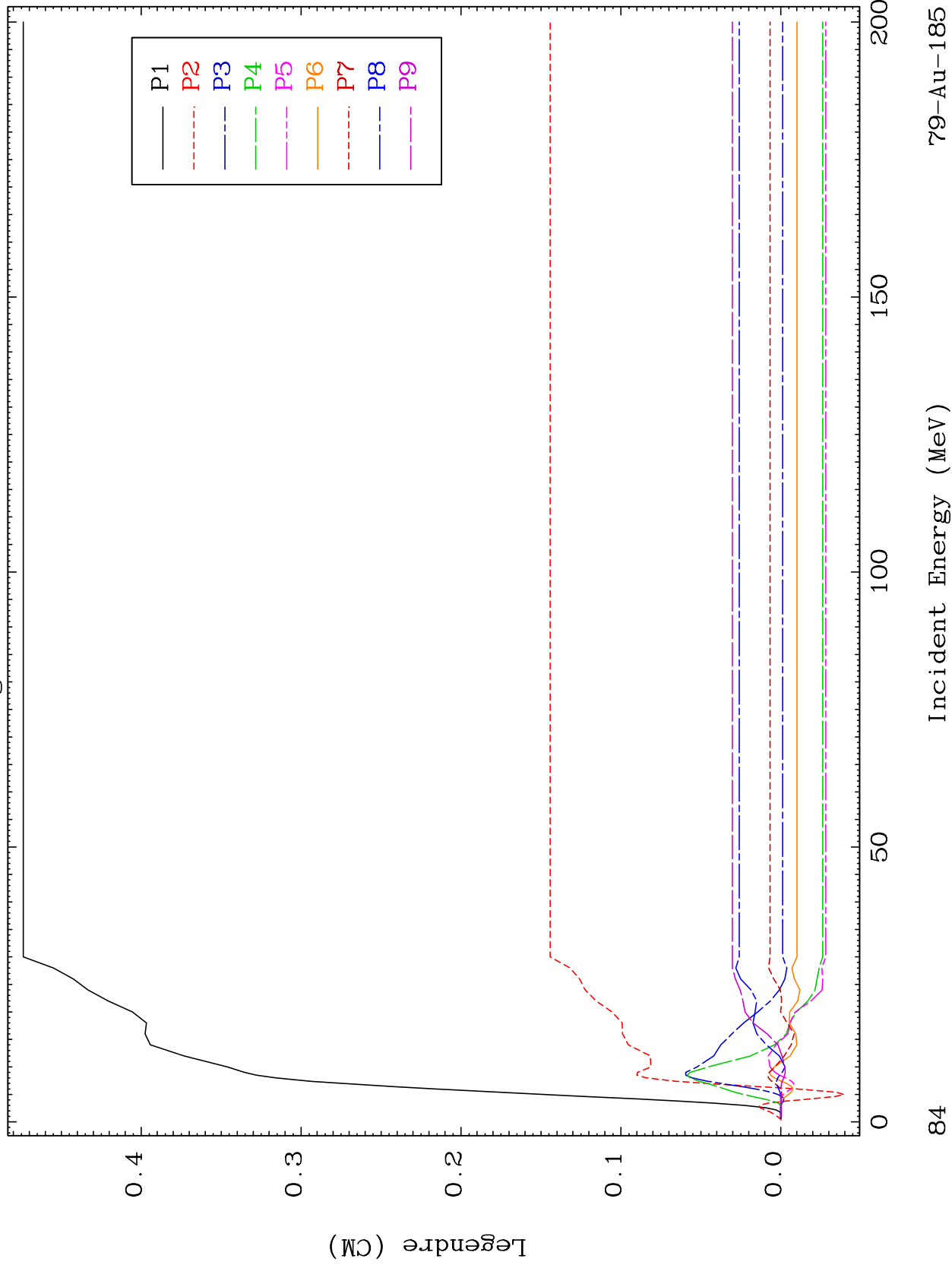
79-Au-185



MAT 7889

330.3 keV (n,n') Level  
Legendre Coefficients

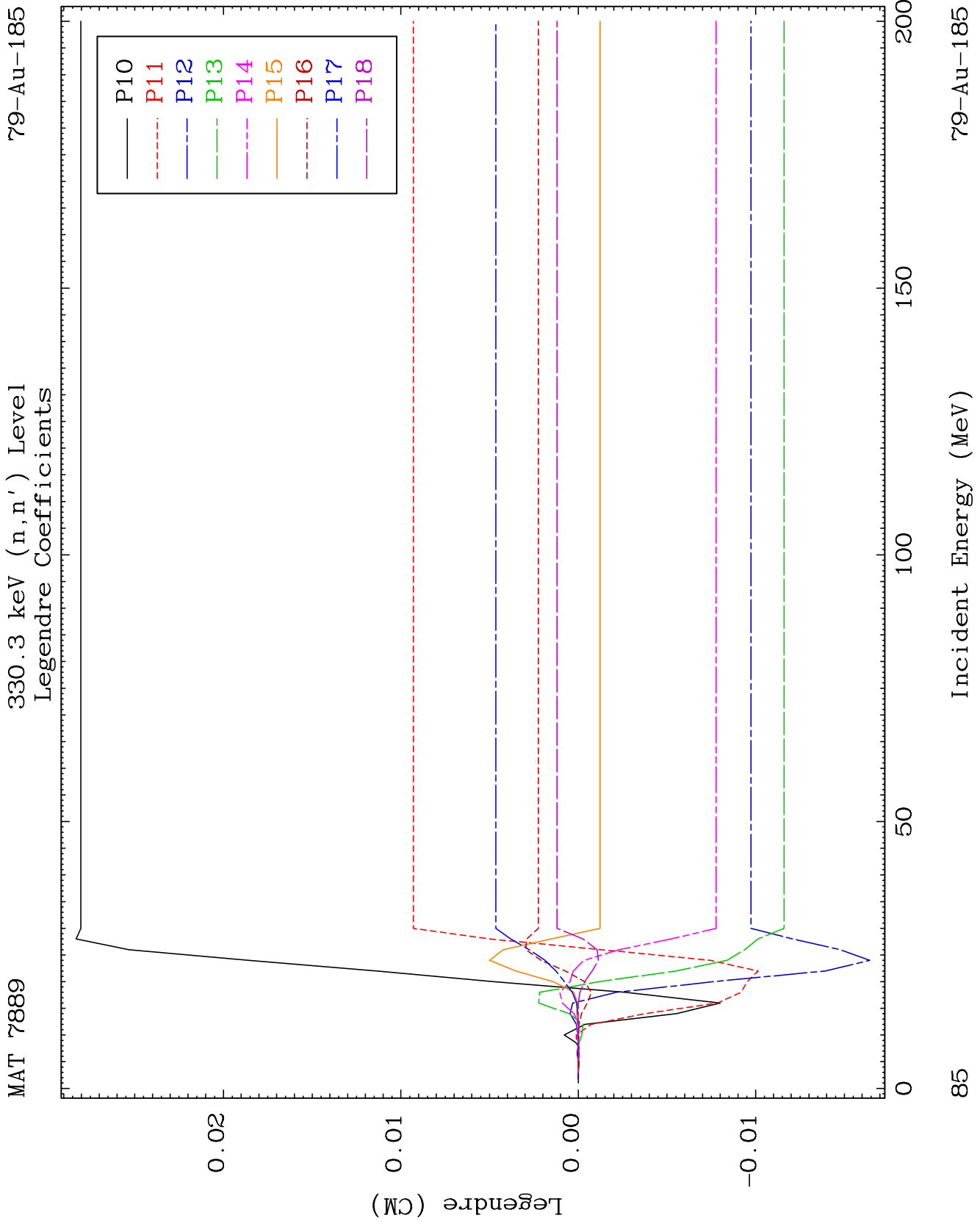
79-Au-185

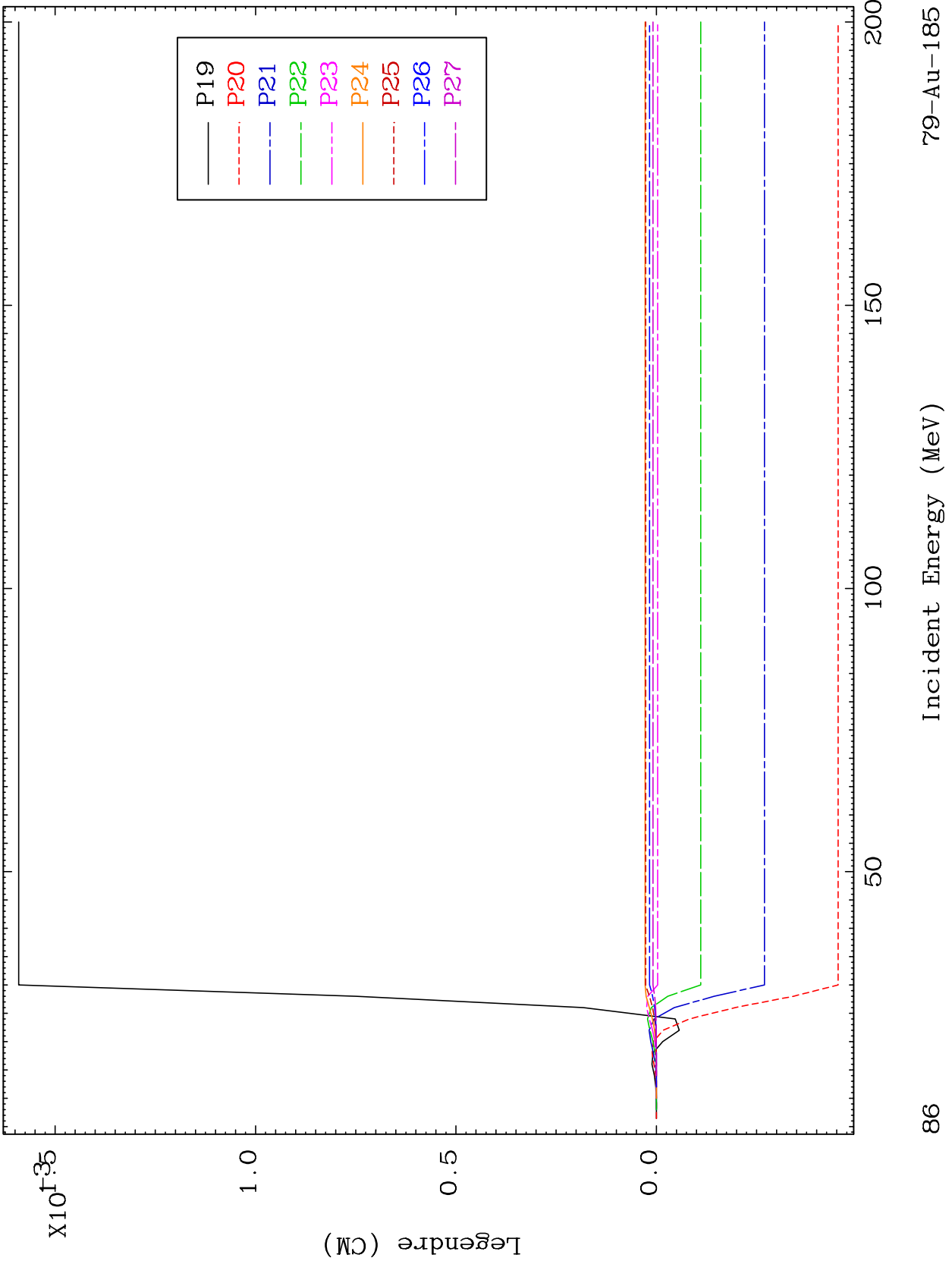


79-Au-185

Incident Energy (MeV)

84

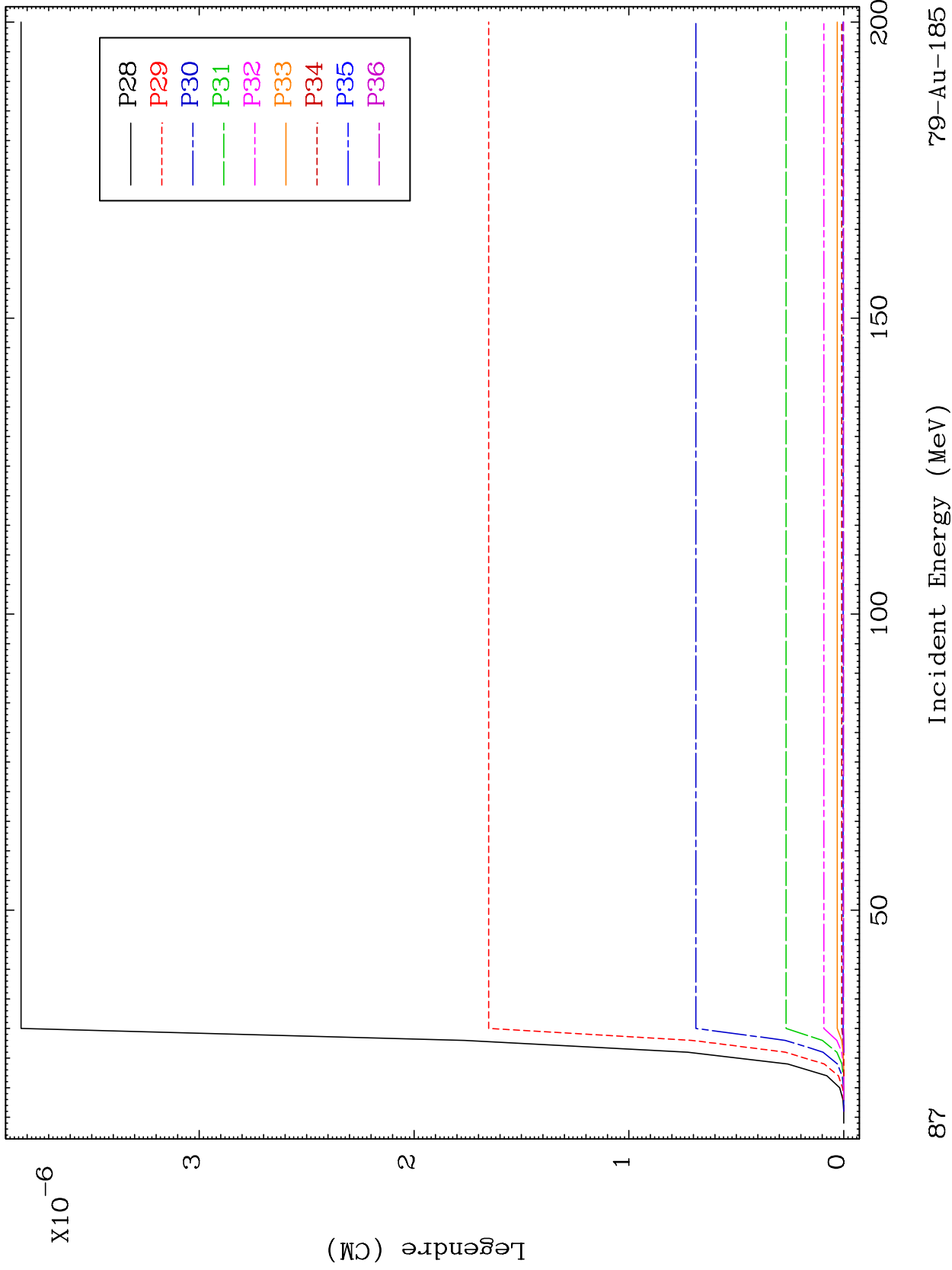




MAT 7889

330.3 keV (n,n') Level  
Legendre Coefficients

79-Au-185

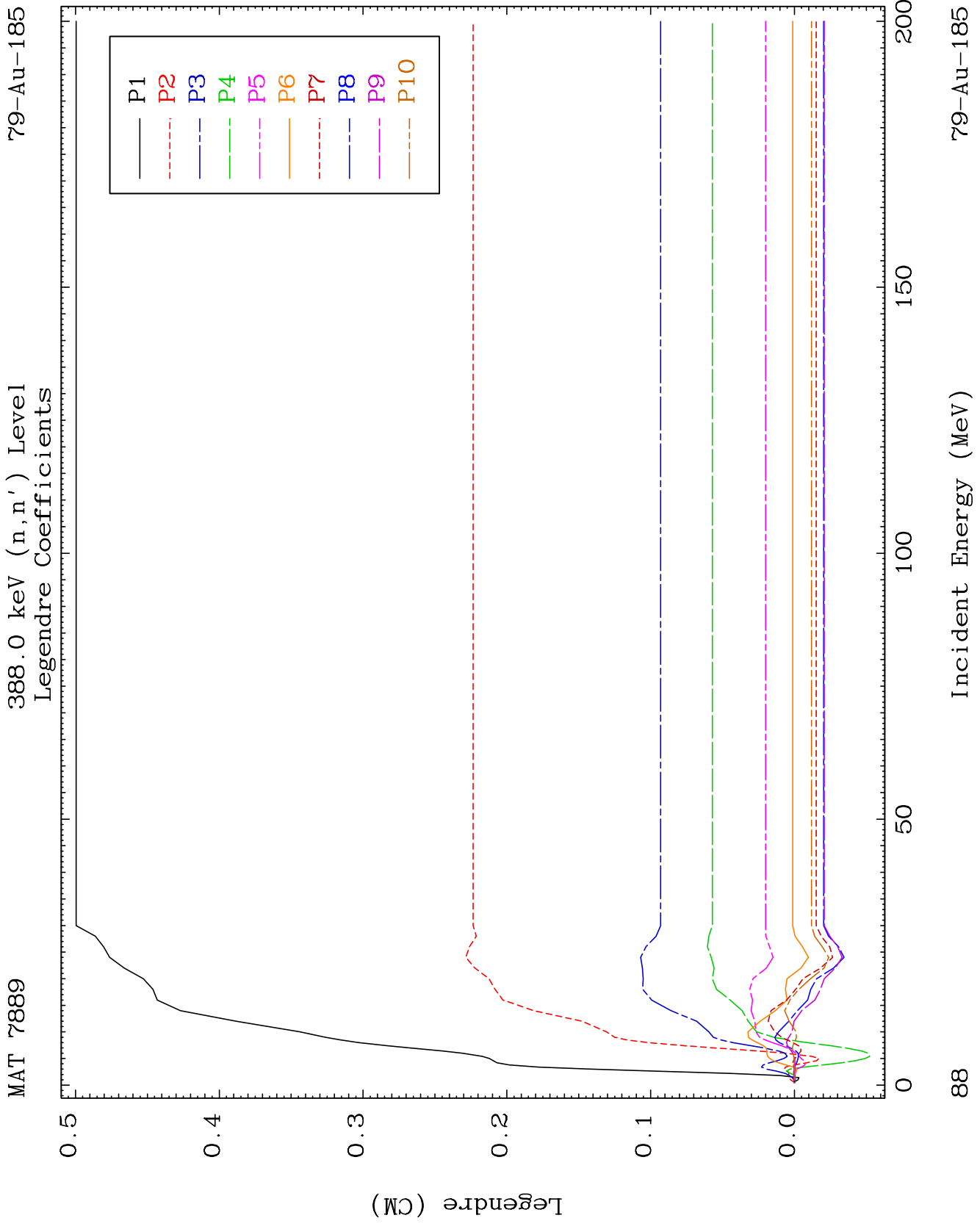


87

Incident Energy (MeV)

79-Au-185

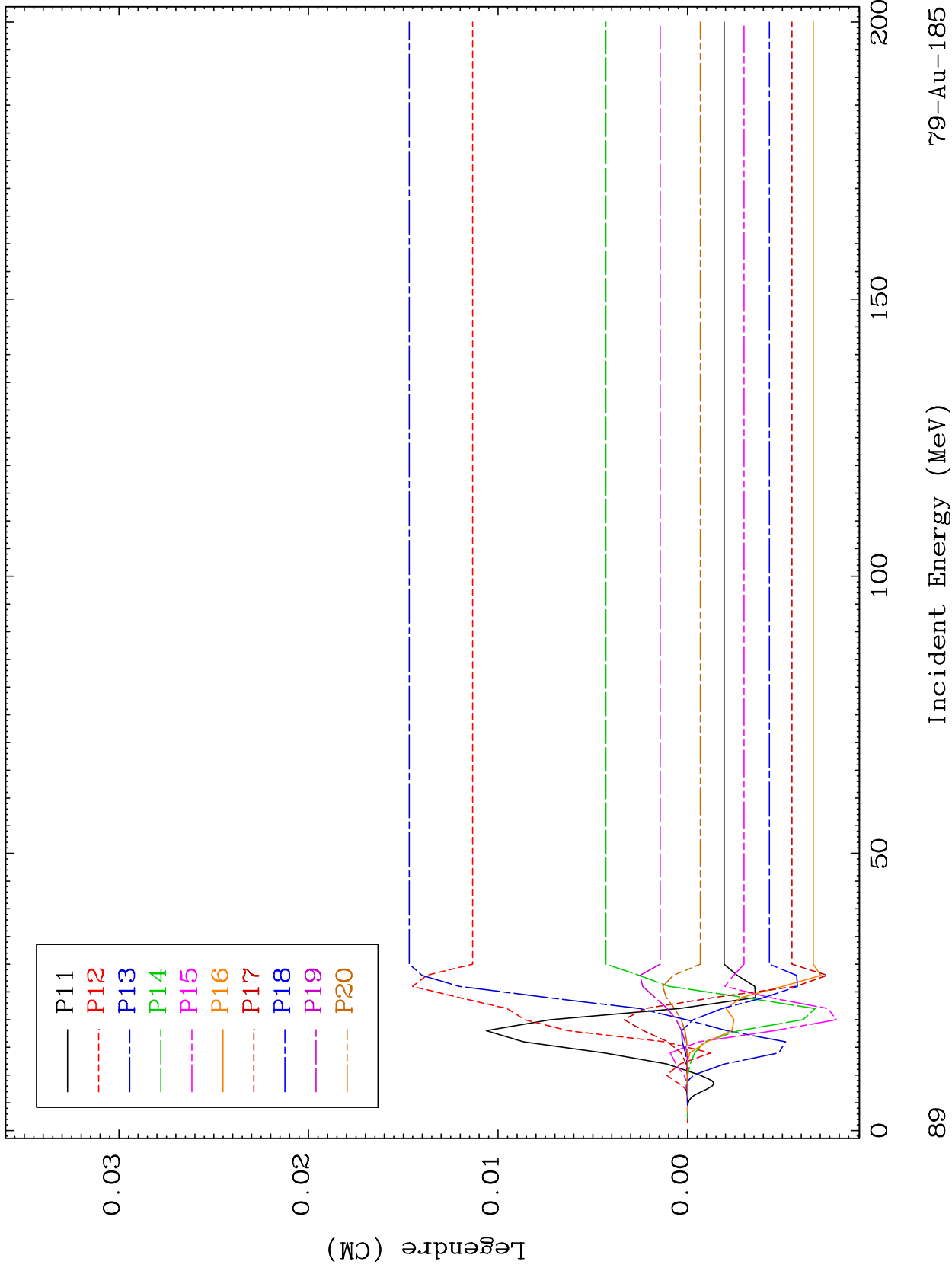




MAT 7889

388.0 keV (n,n') Level  
Legendre Coefficients

79-Au-185



89

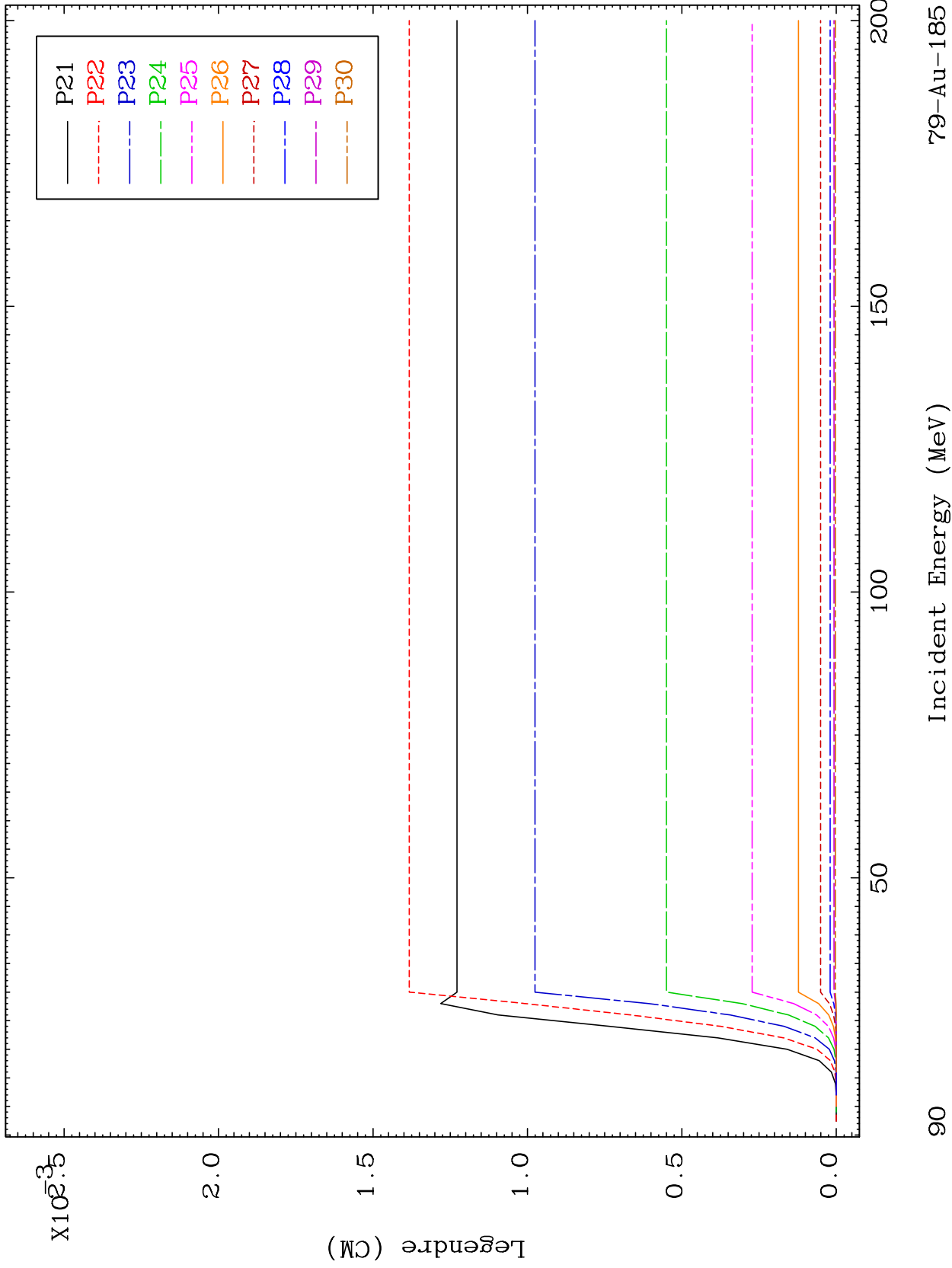
Incident Energy (MeV)

79-Au-185

MAT 7889

388.0 keV (n,n') Level  
Legendre Coefficients

79-Au-185



79-Au-185

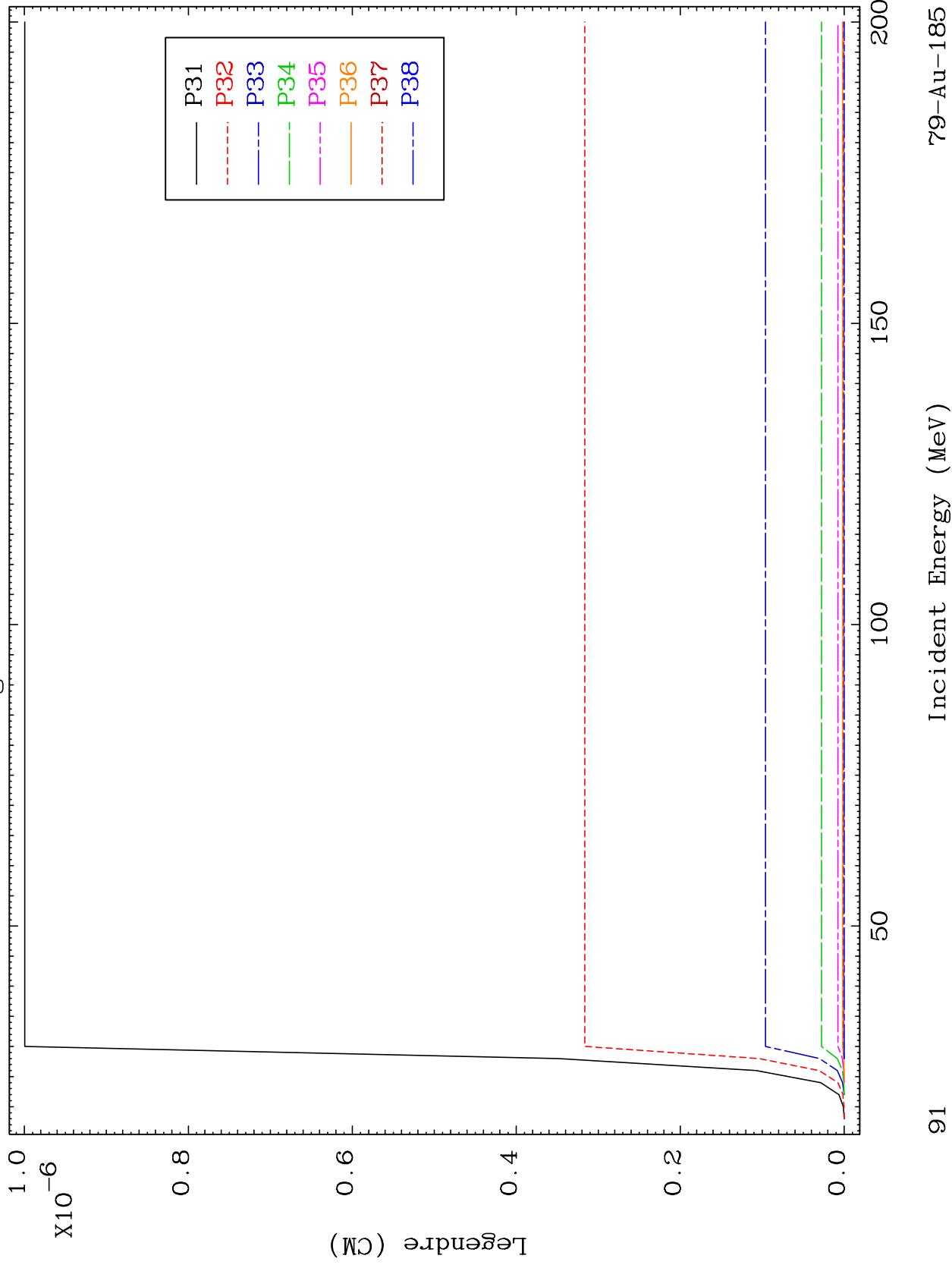
Incident Energy (MeV)

90

MAT 7889

388.0 keV (n,n') Level  
Legendre Coefficients

79-Au-185



91

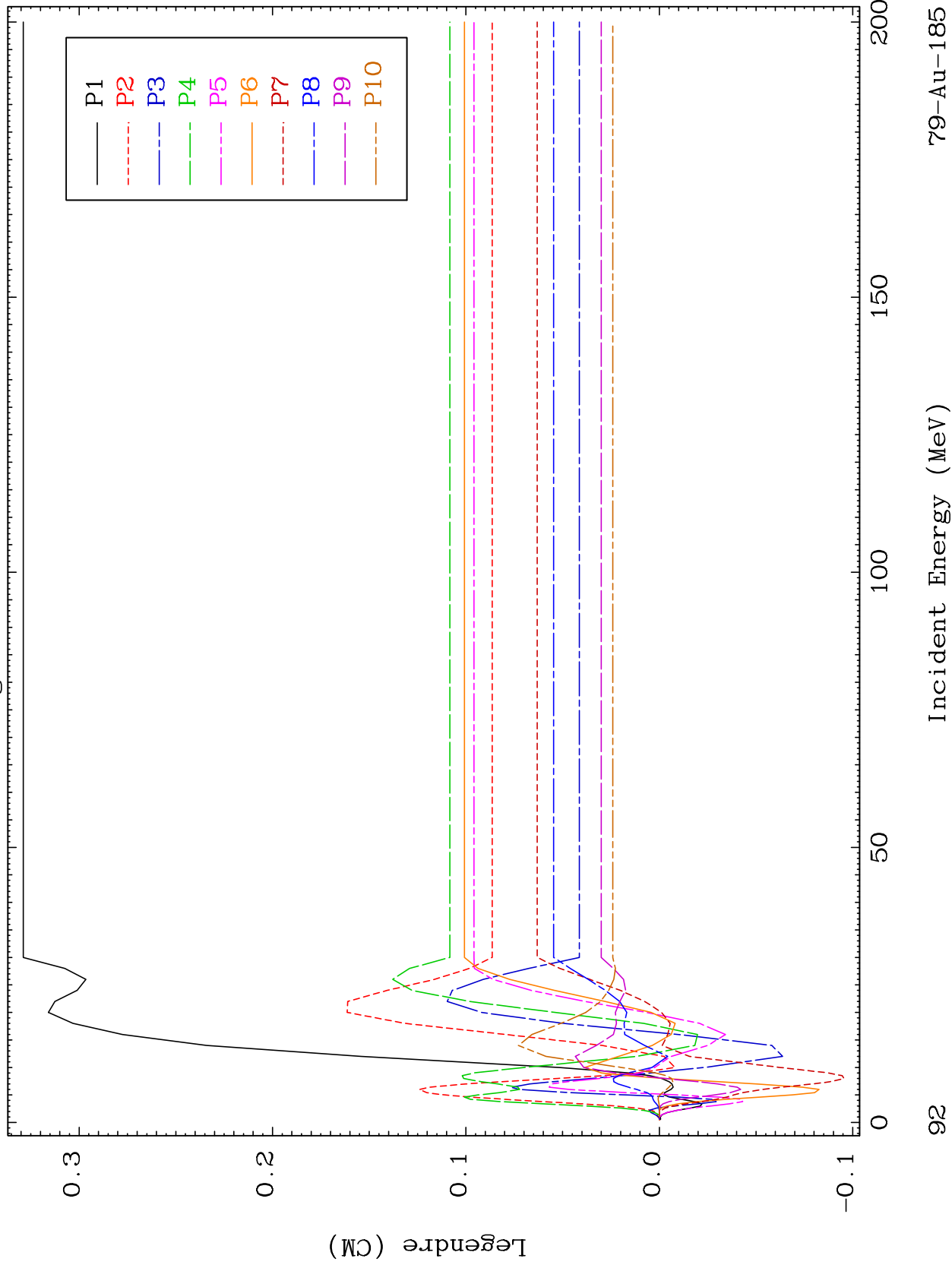
Incident Energy (MeV)

79-Au-185

MAT 7889

429.8 keV (n,n') Level  
Legendre Coefficients

79-Au-185



79-Au-185

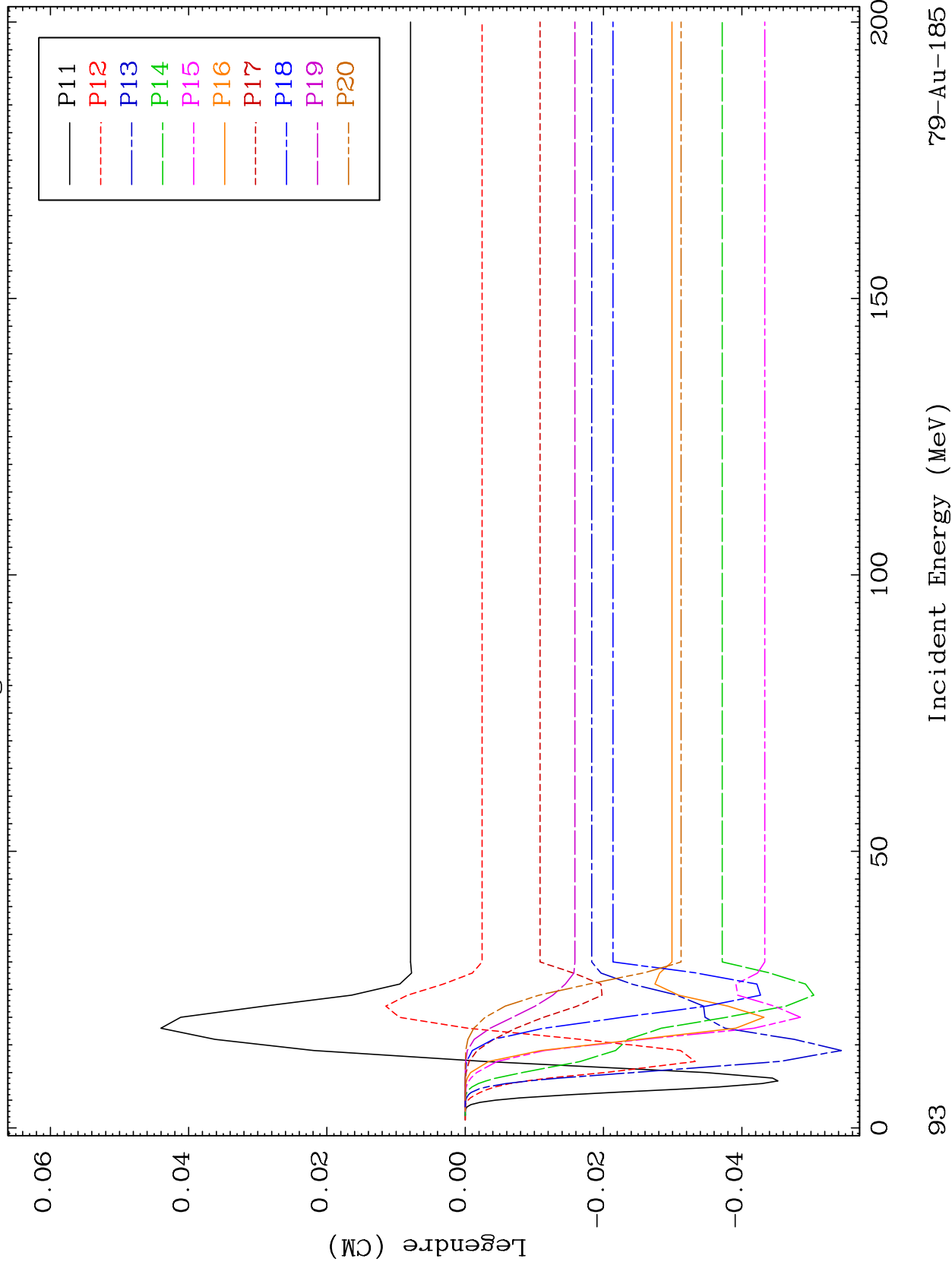
Incident Energy (MeV)

92

MAT 7889

429.8 keV (n,n') Level  
Legendre Coefficients

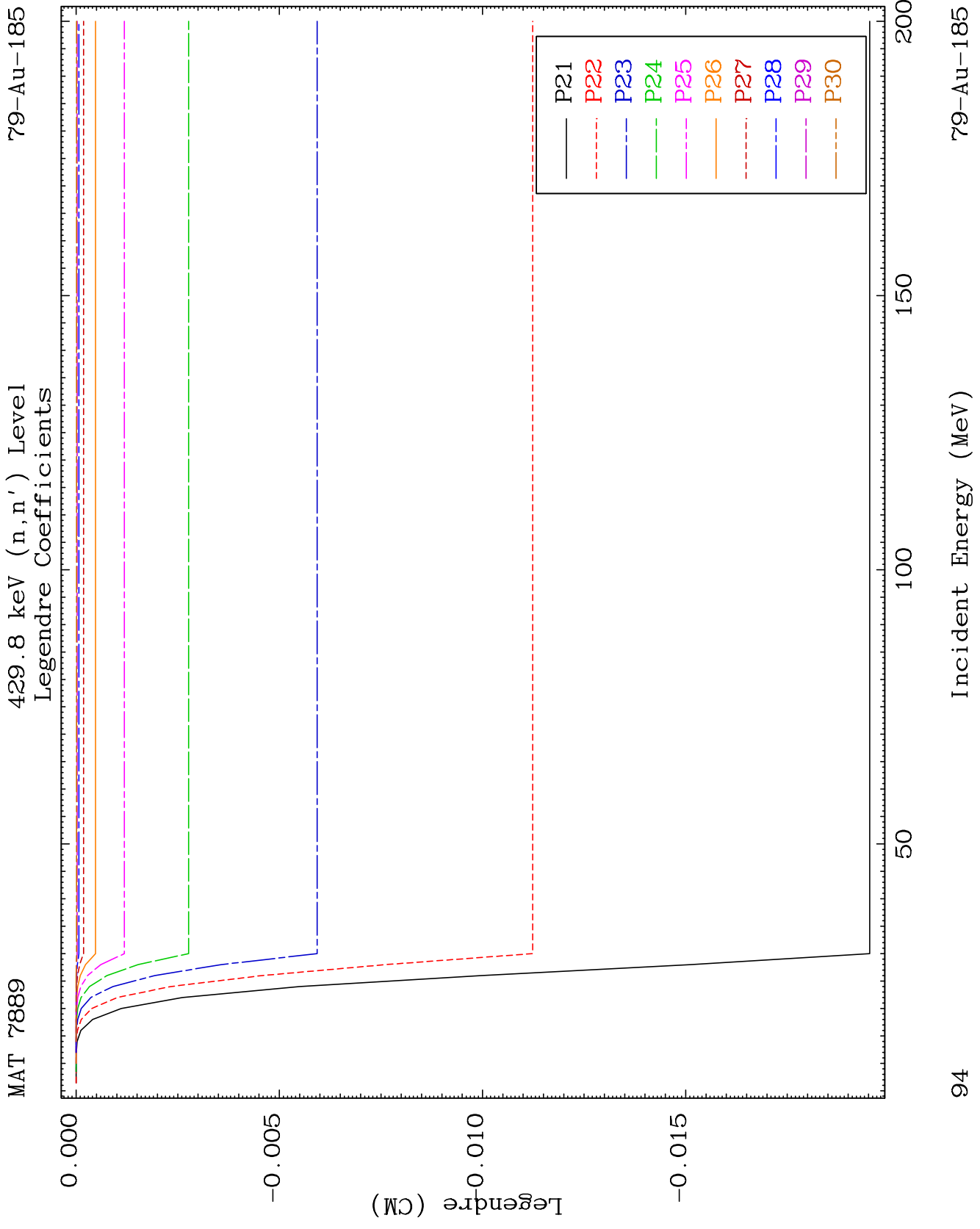
79-Au-185

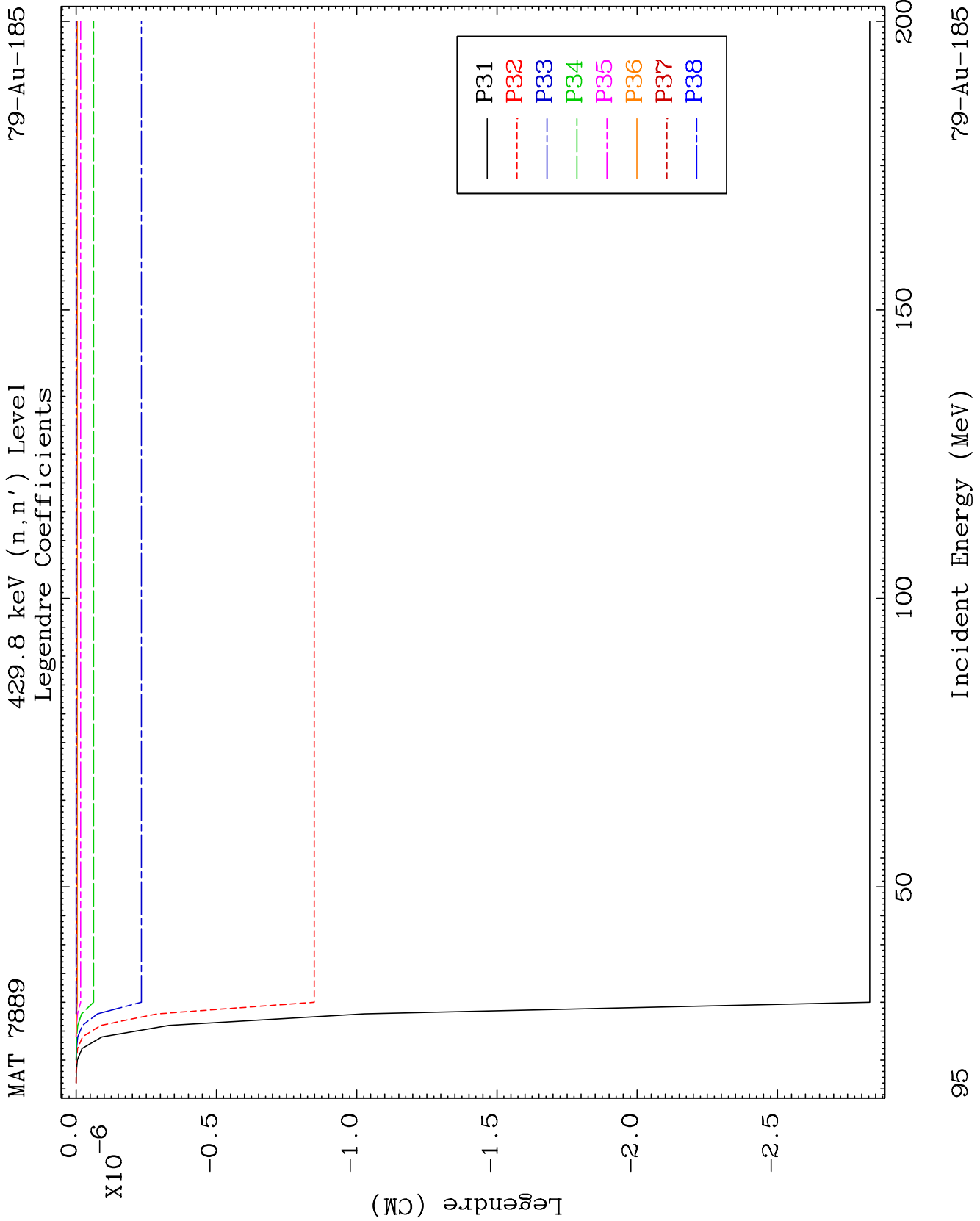


93

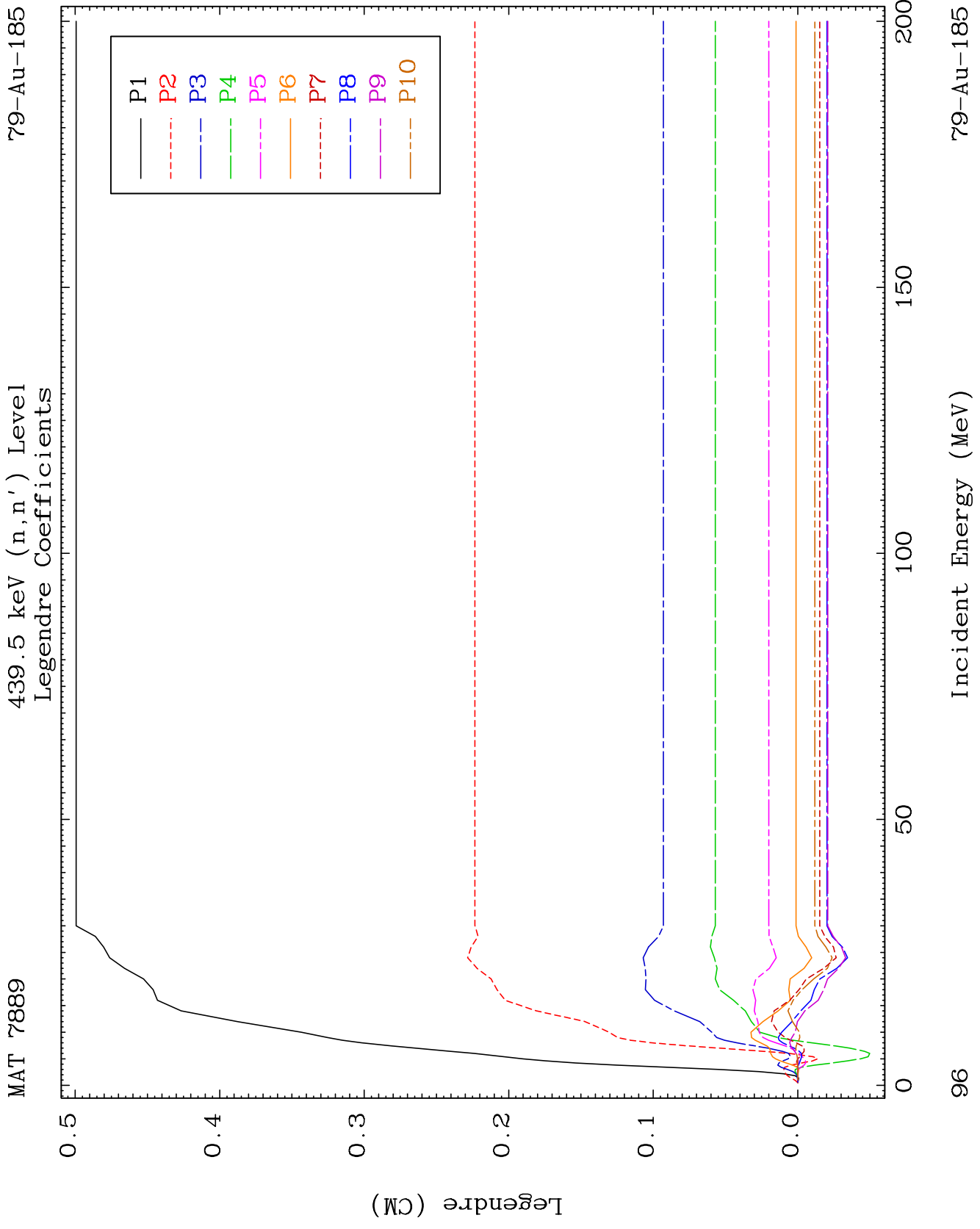
Incident Energy (MeV)

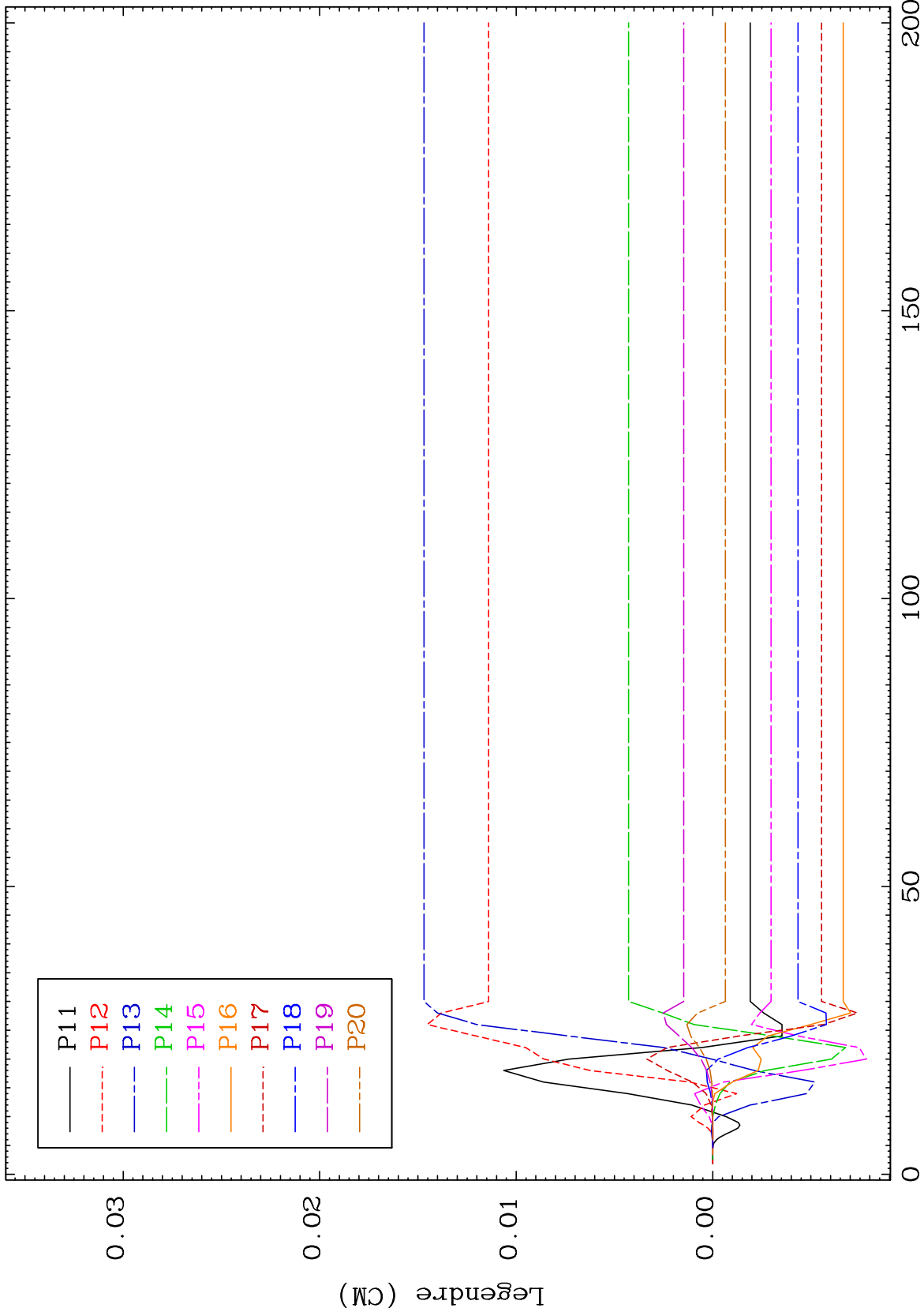
79-Au-185

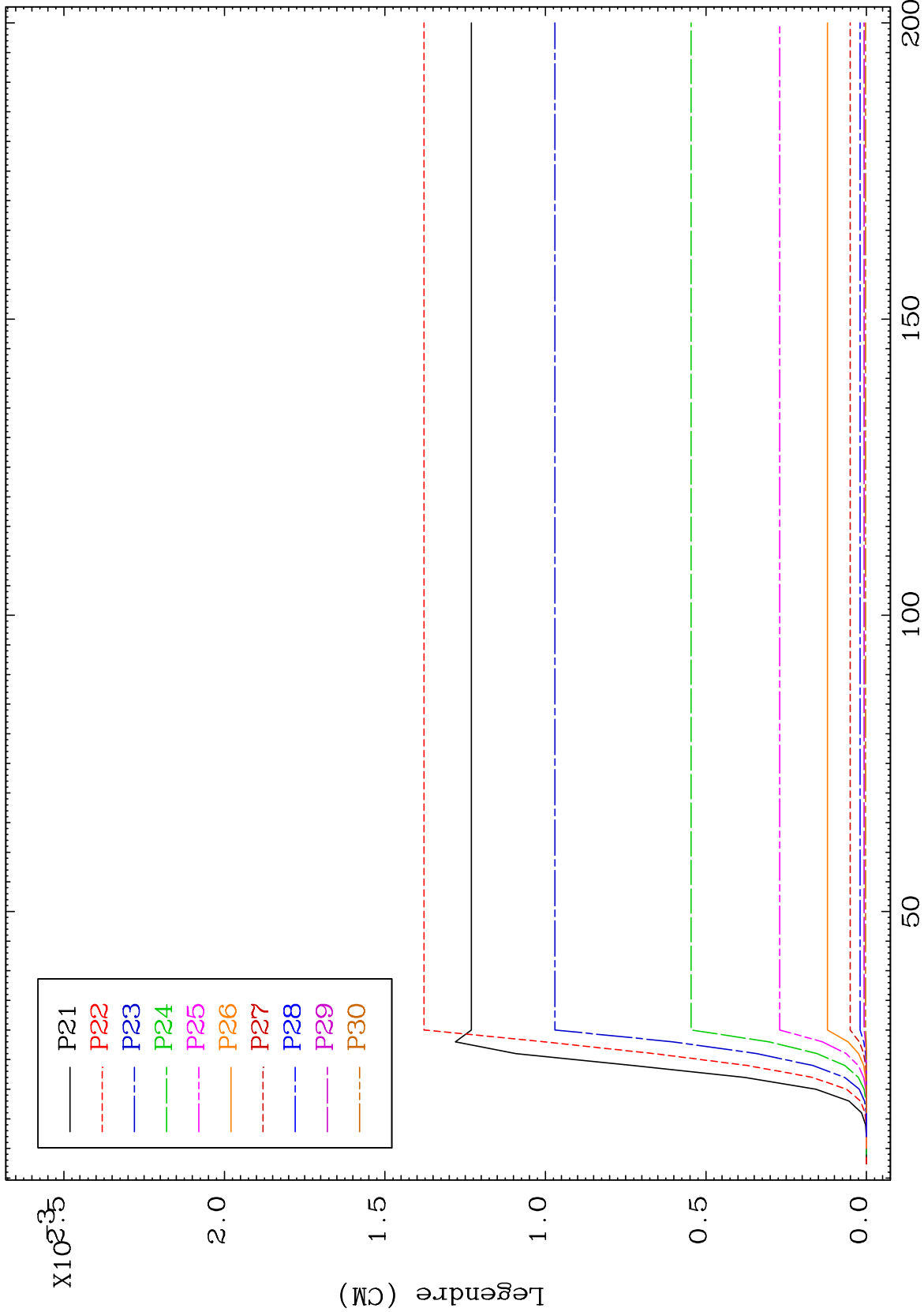








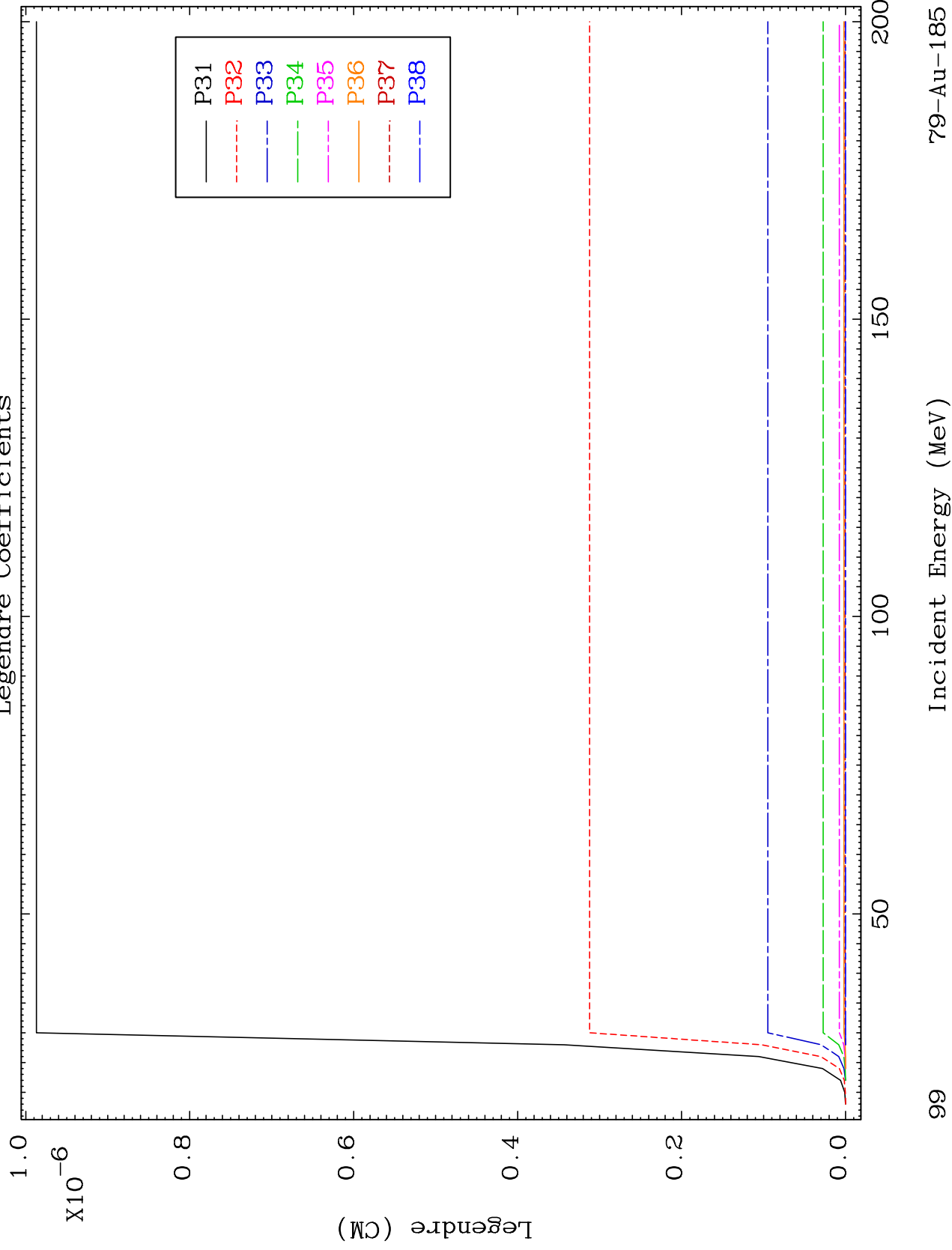




MAT 7889

439.5 keV (n,n') Level  
Legendre Coefficients

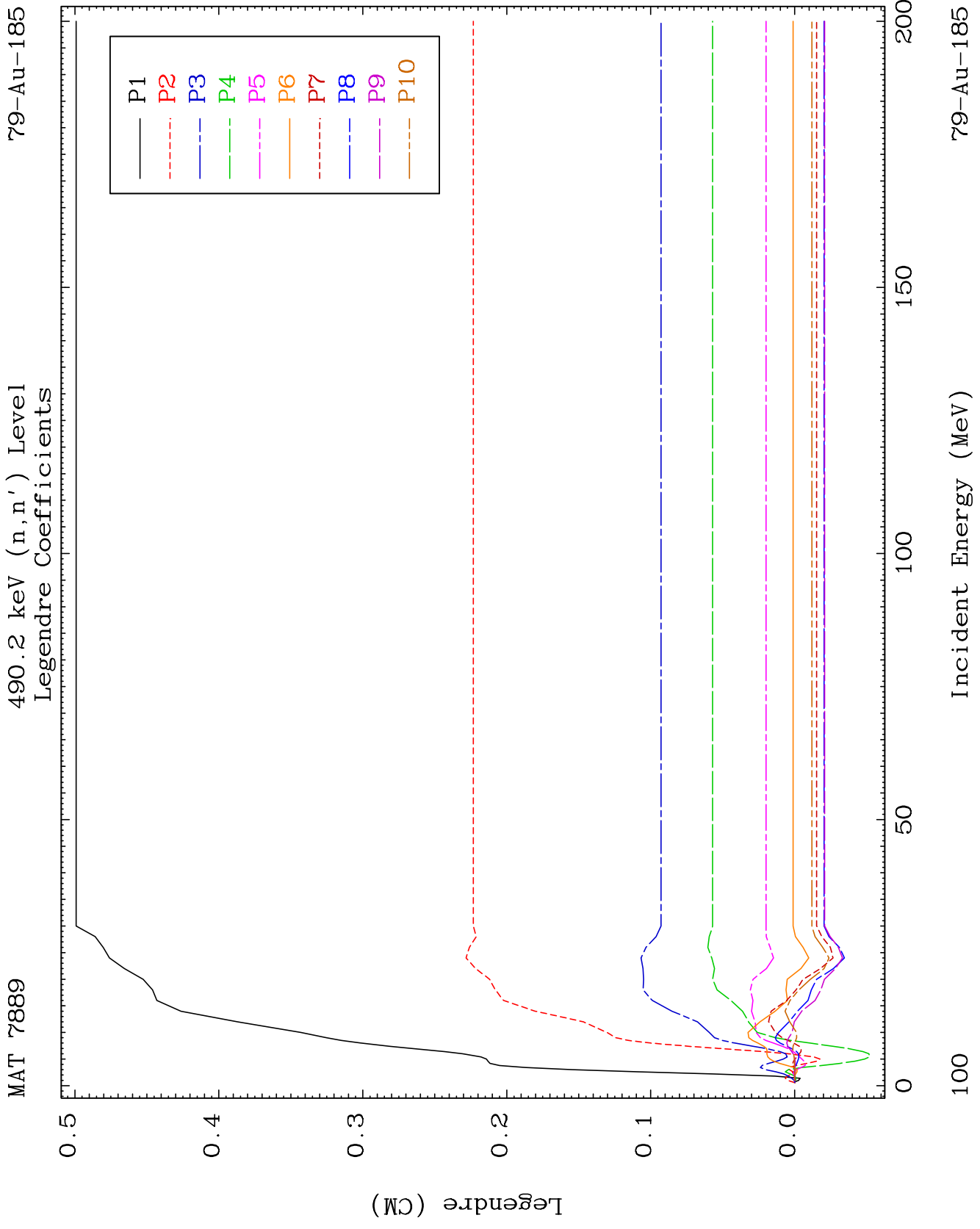
79-Au-185



99

Incident Energy (MeV)

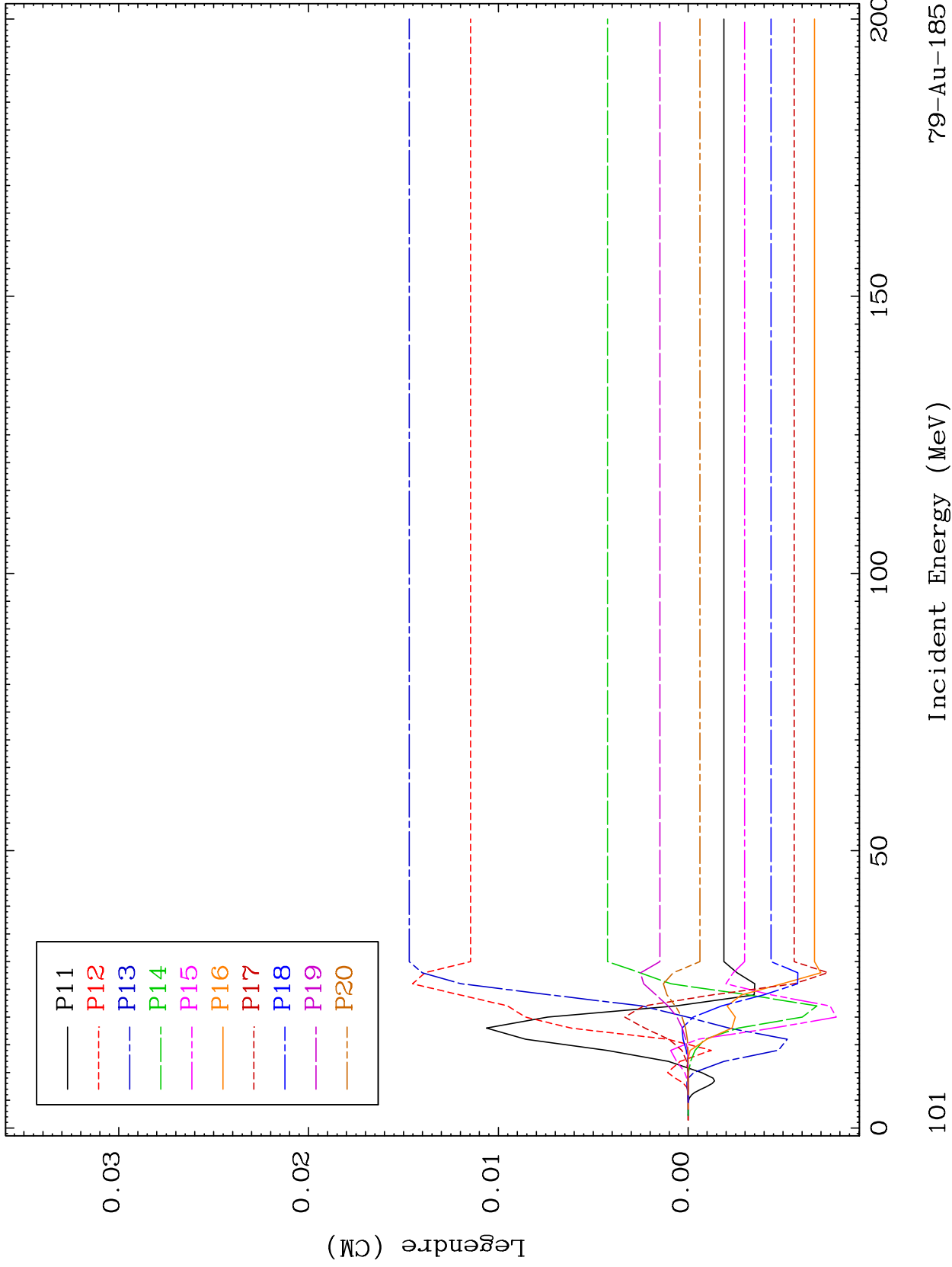
79-Au-185



MAT 7889

490.2 keV (n,n') Level  
Legendre Coefficients

79-Au-185



101

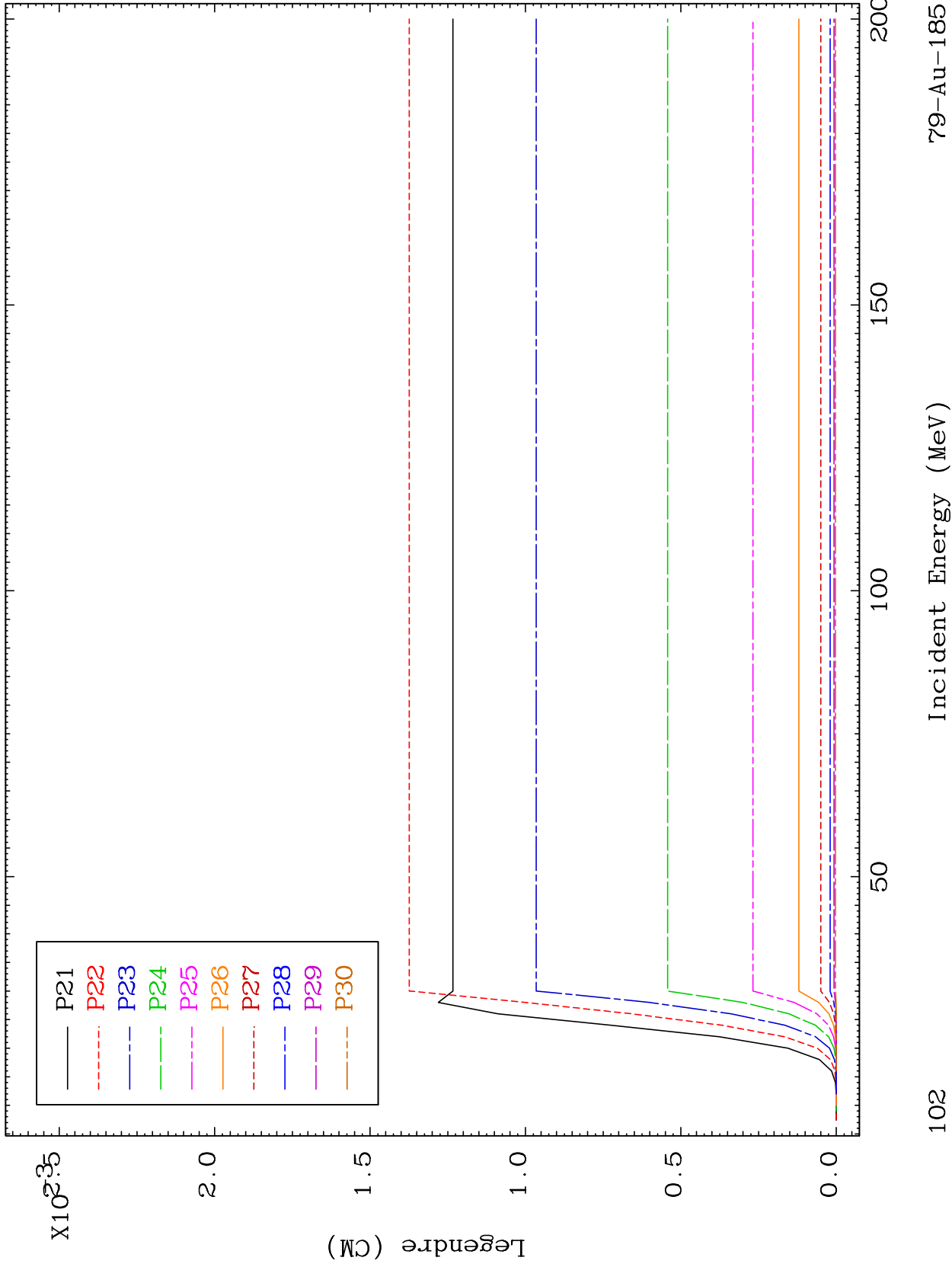
Incident Energy (MeV)

79-Au-185

MAT 7889

490.2 keV (n,n') Level Legendre Coefficients

79-Au-185

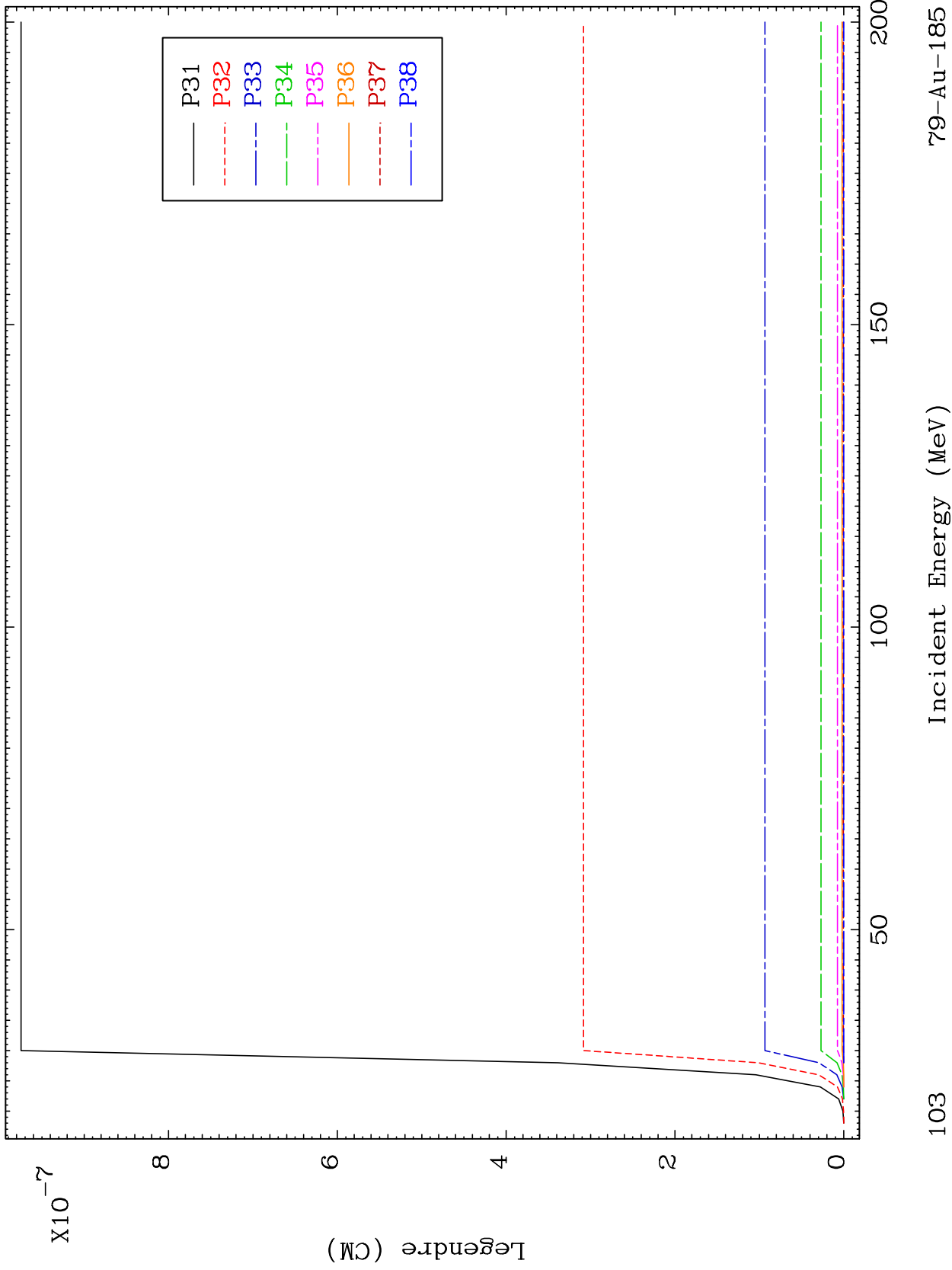


102

MAT 7889

490.2 keV (n, n') Level  
Legendre Coefficients

79-Au-185

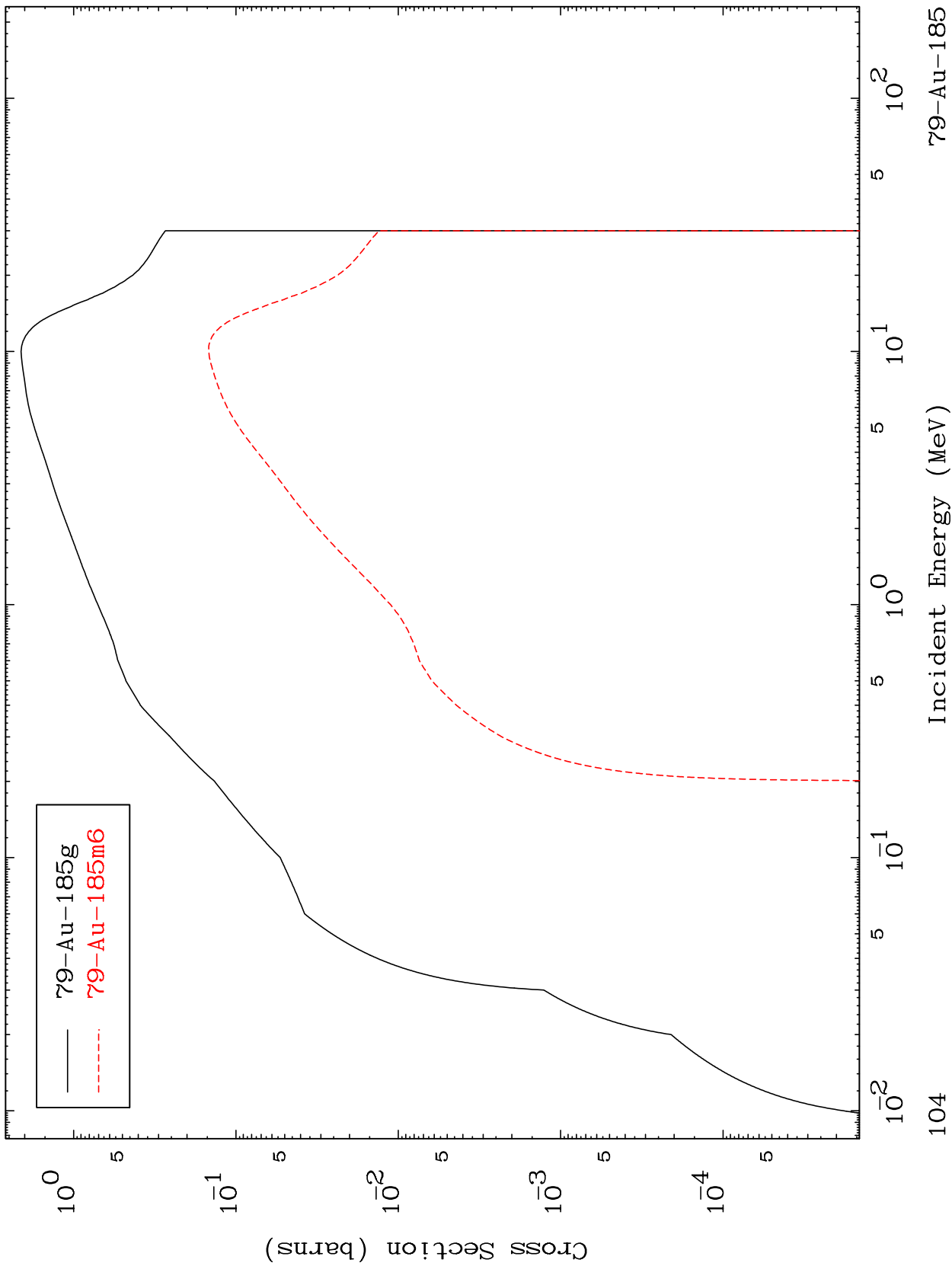




MAT 7889

79-Au-185

### Radionuclide Production Cross Section



79-Au-185

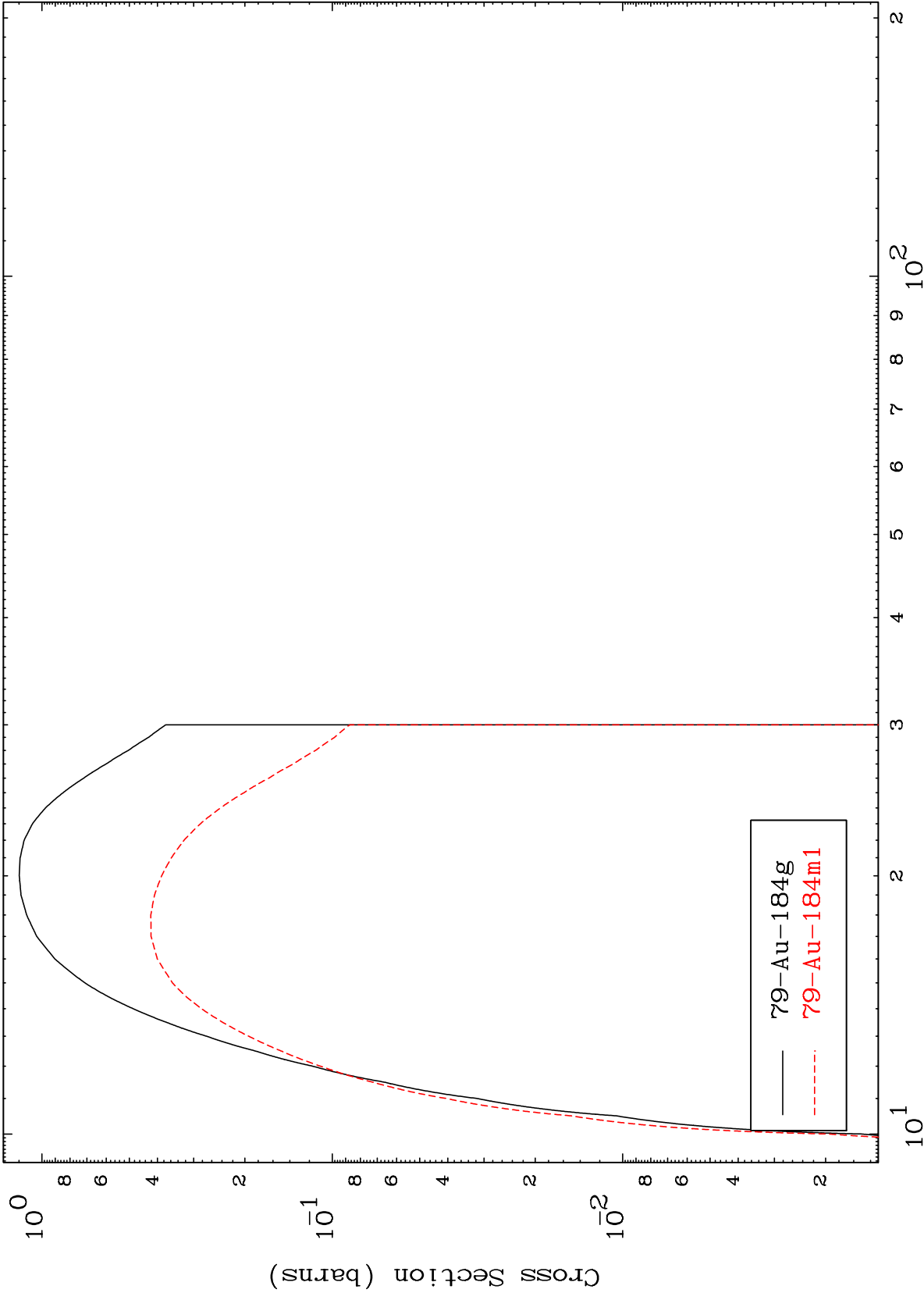
Incident Energy (MeV)

104

MAT 7889

79-Au-185

(n,2n)  
Radionuclide Production Cross Section



79-Au-185

Incident Energy (MeV)

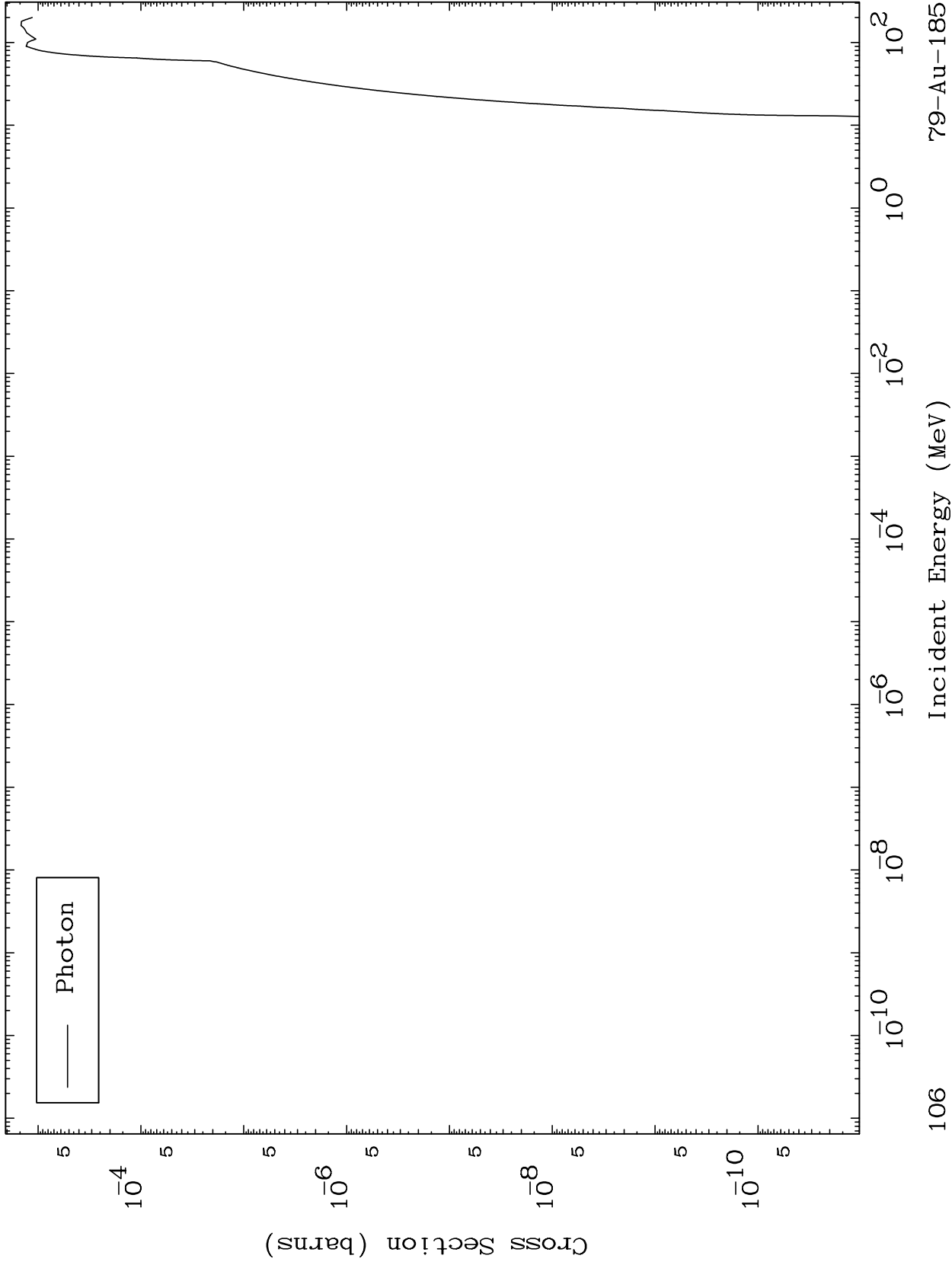
105

MAT 7889

Fission

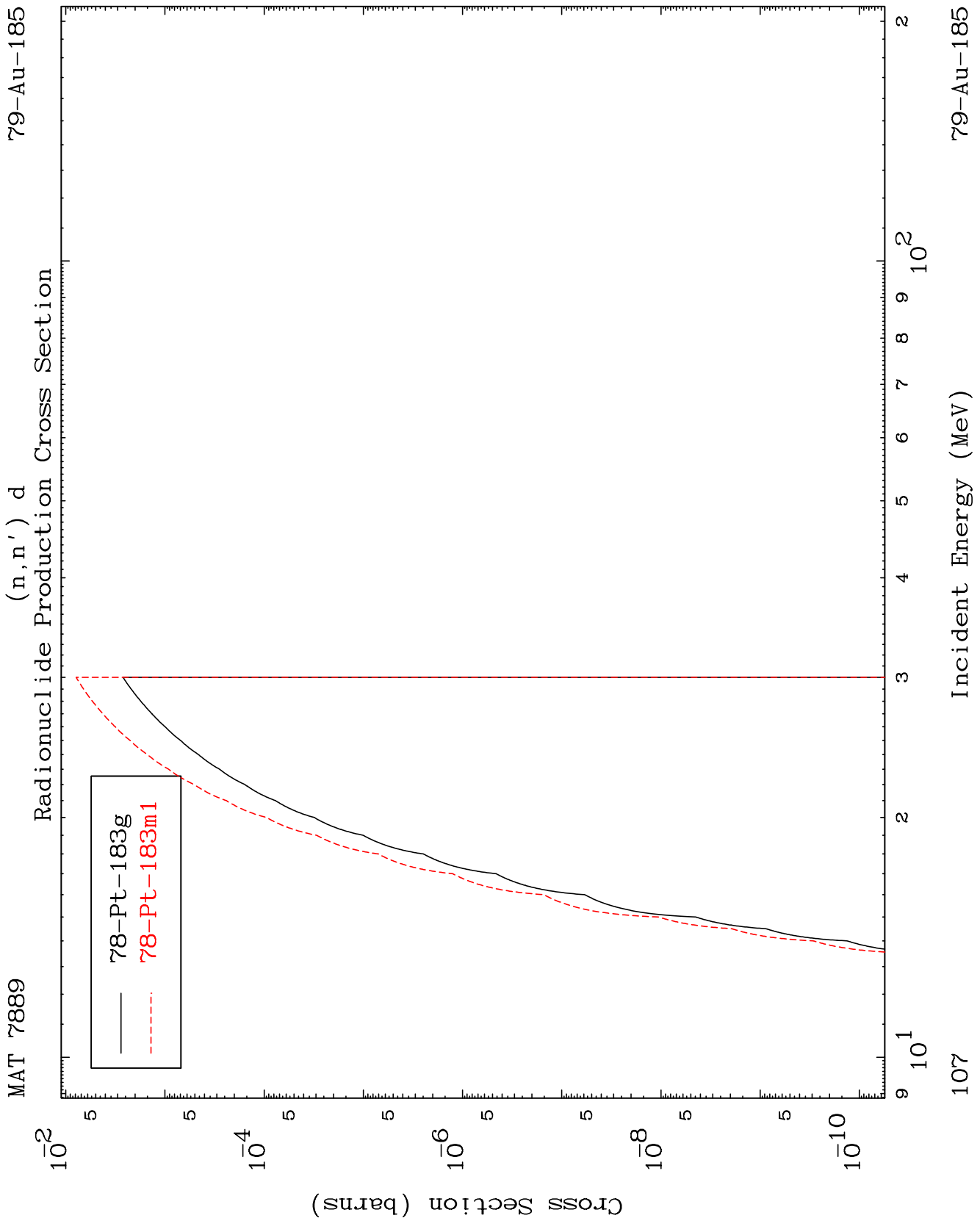
79-Au-185

Radionuclide Production Cross Section

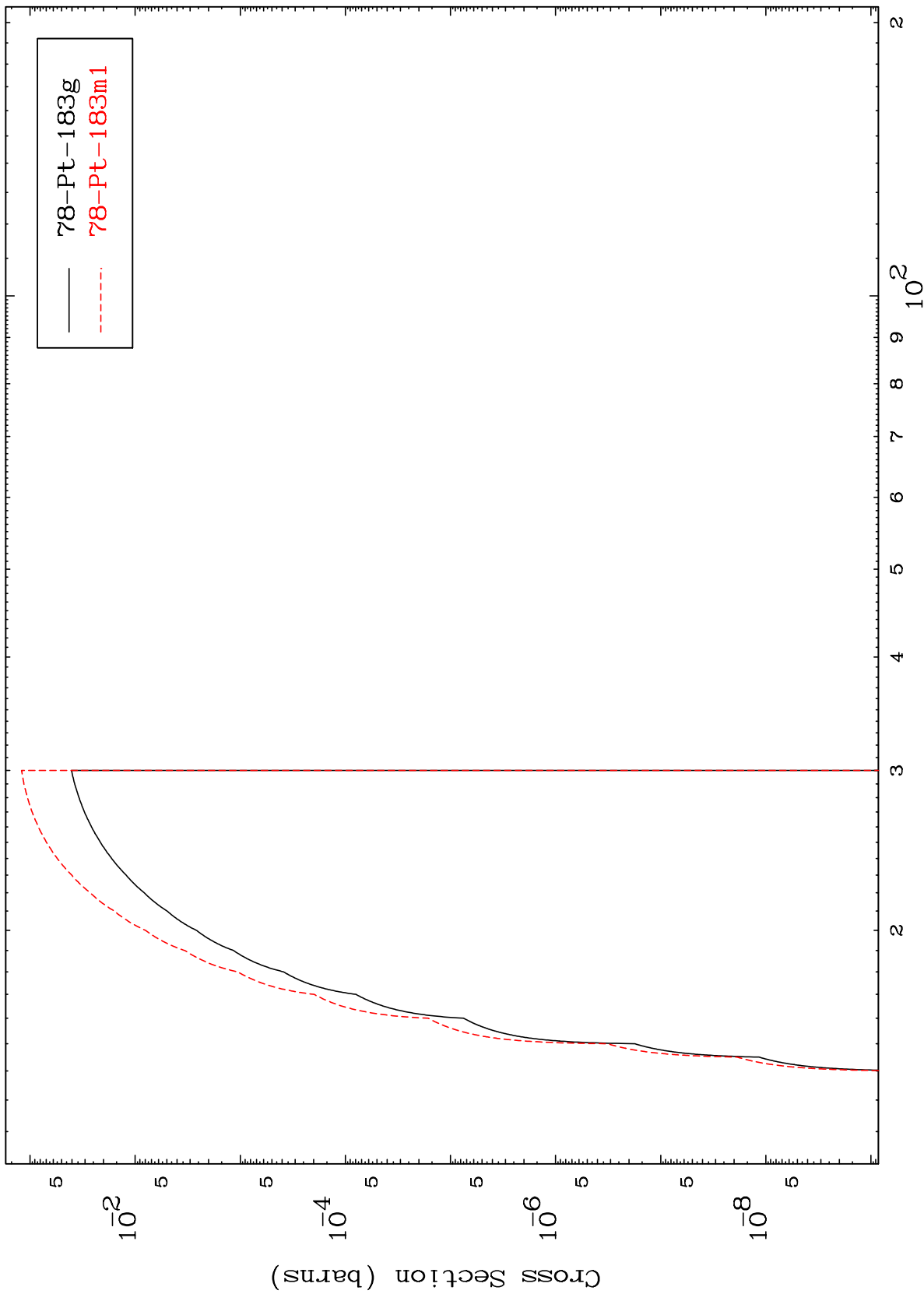


106

79-Au-185



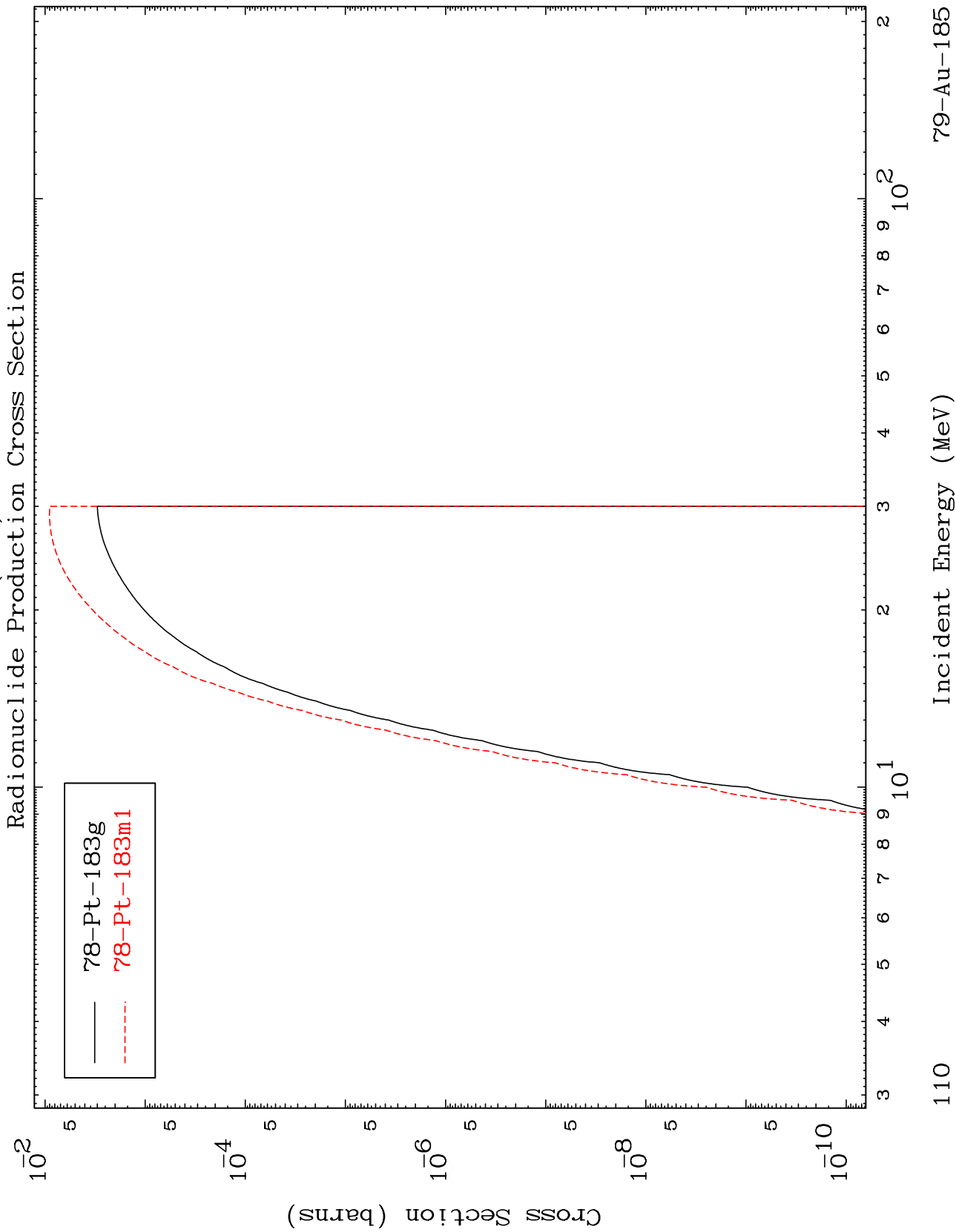
Radionuclide Production Cross Section





MAT 7889

79-Au-185



79-Au-185

Incident Energy (MeV)

110

MAT 7889

(n,p)  $\alpha$

79-Au-185

Radionuclide Production Cross Section

