

Program EVALPLOT  
(Version 2018-1)

by

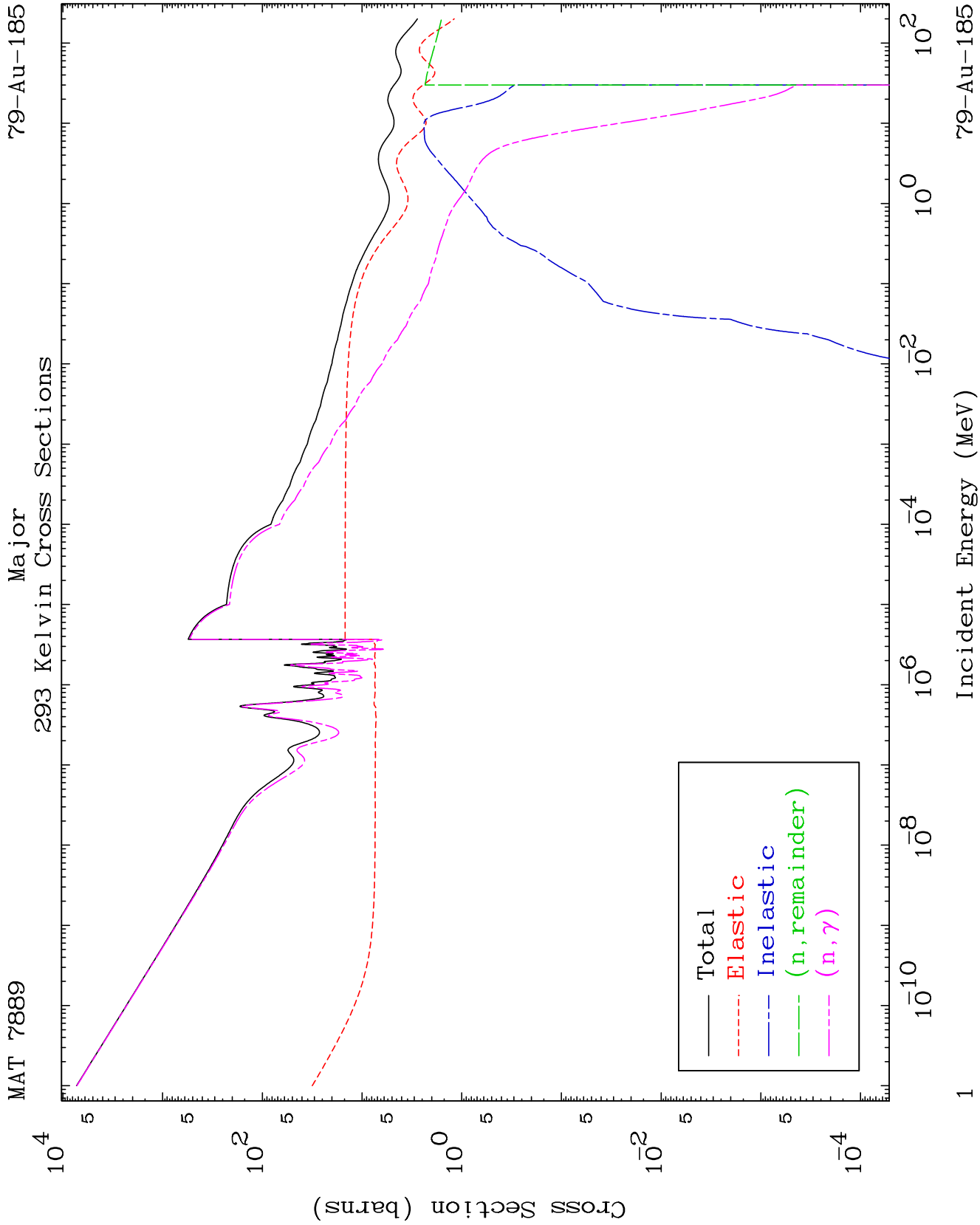
Dermott E. Cullen  
(Present Contact Information)

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E.Mail:redcullen1@comcast.net  
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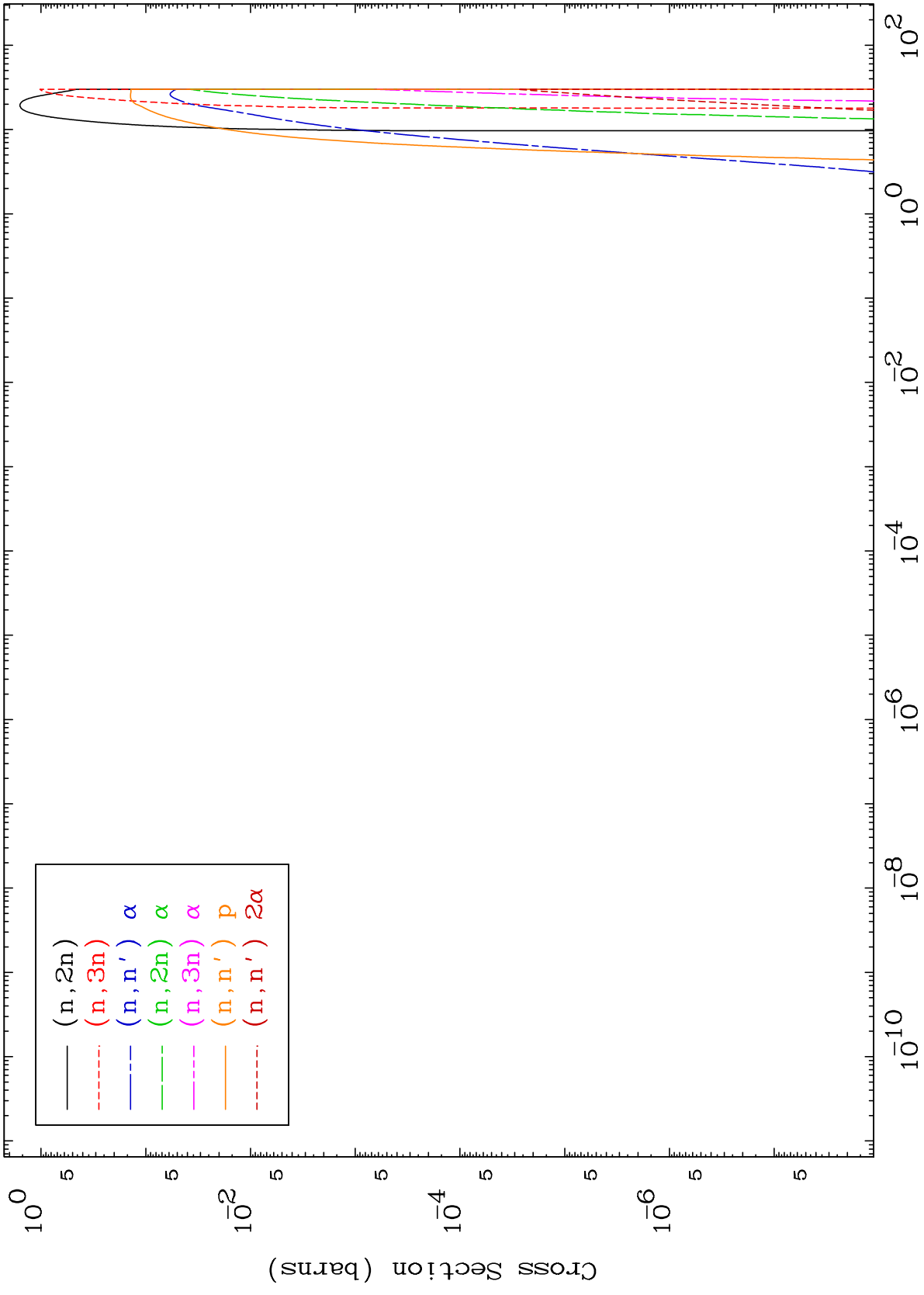
Press Mouse Button to Start



MAT 7889

Neutron Production  
293 Kelvin Cross Sections

79-Au-185

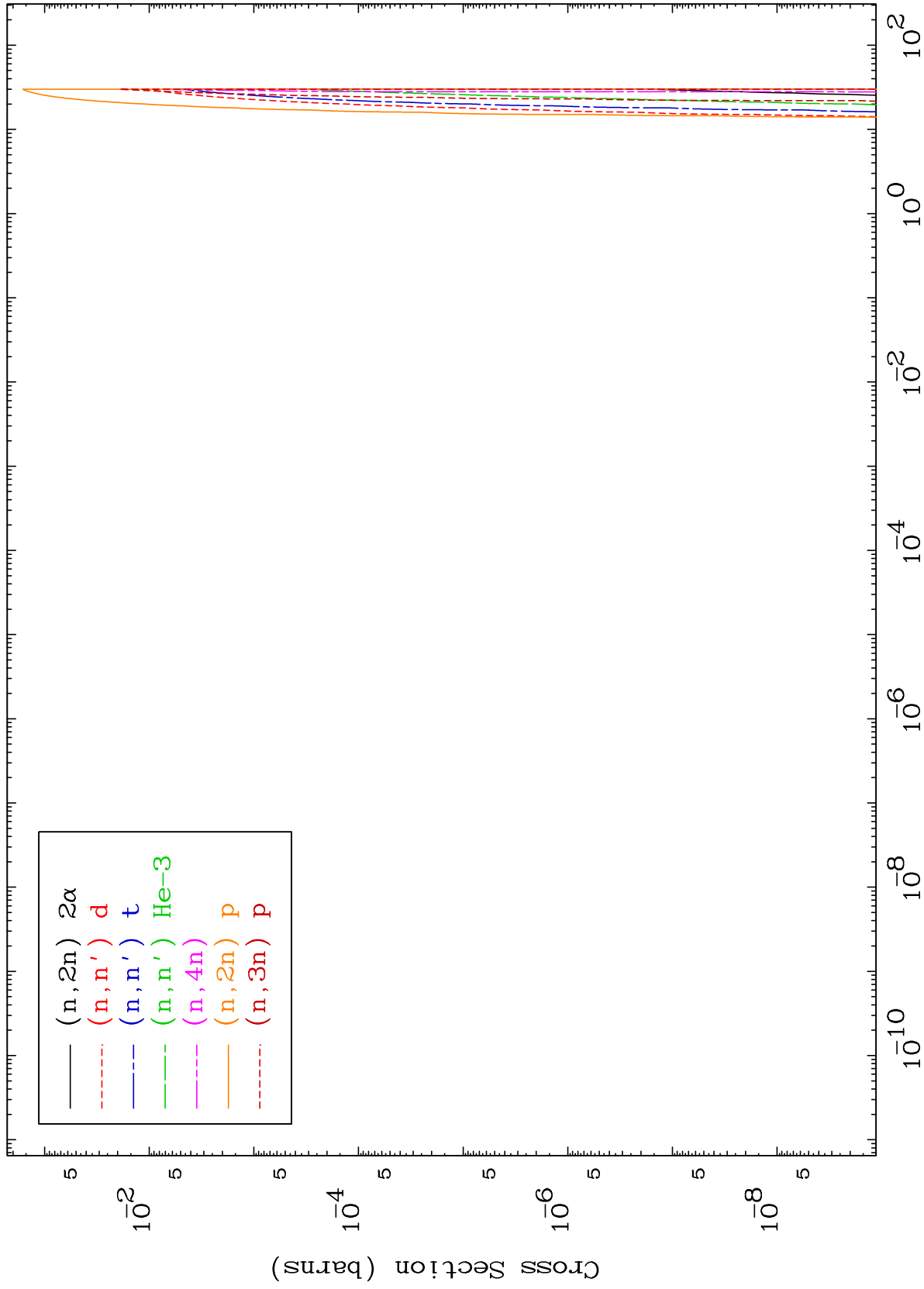


79-Au-185

MAT 7889

### Neutron Production 293 Kelvin Cross Sections

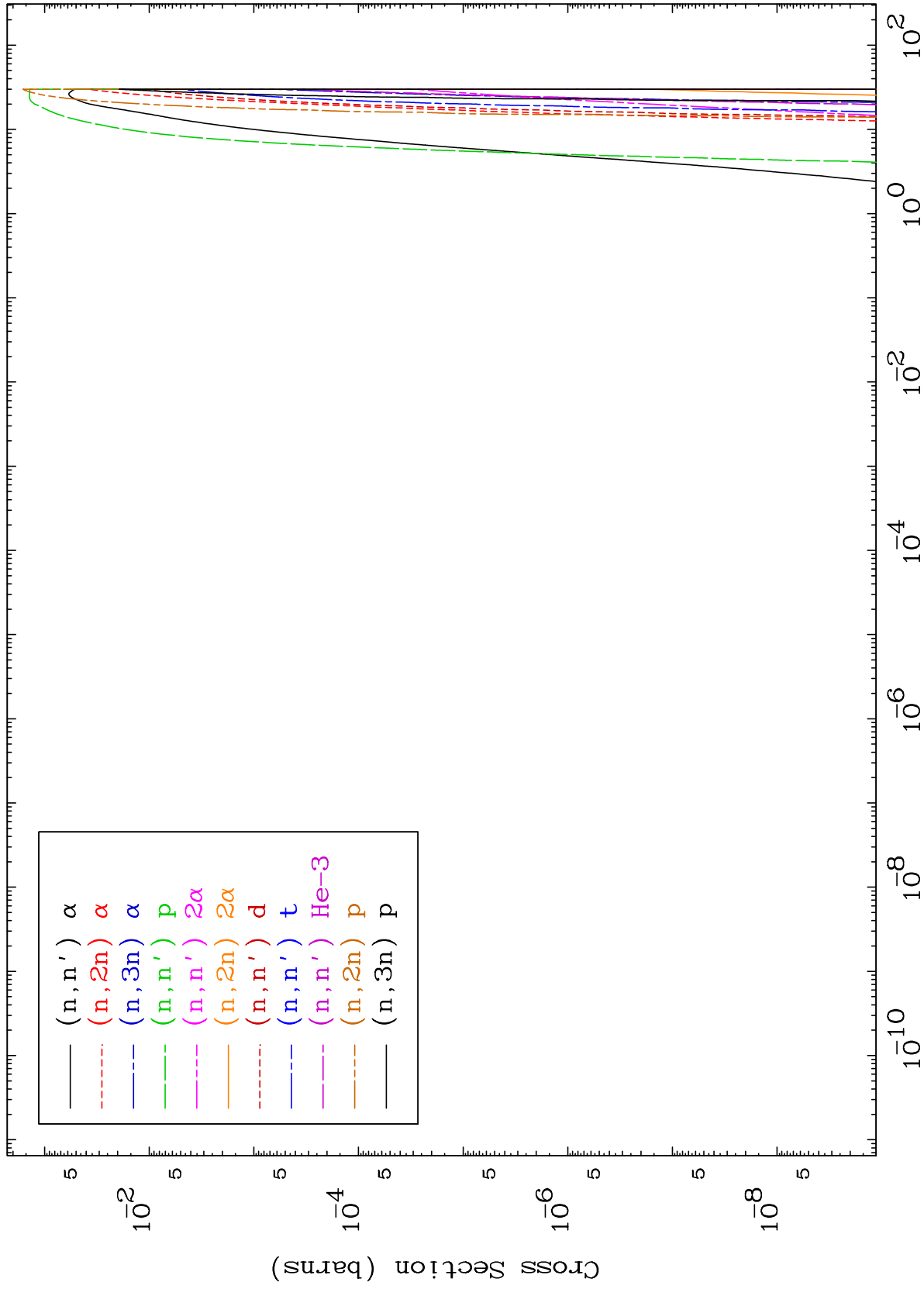
79-Au-185



MAT 7889

Charged Particle  
293 Kelvin Cross Sections

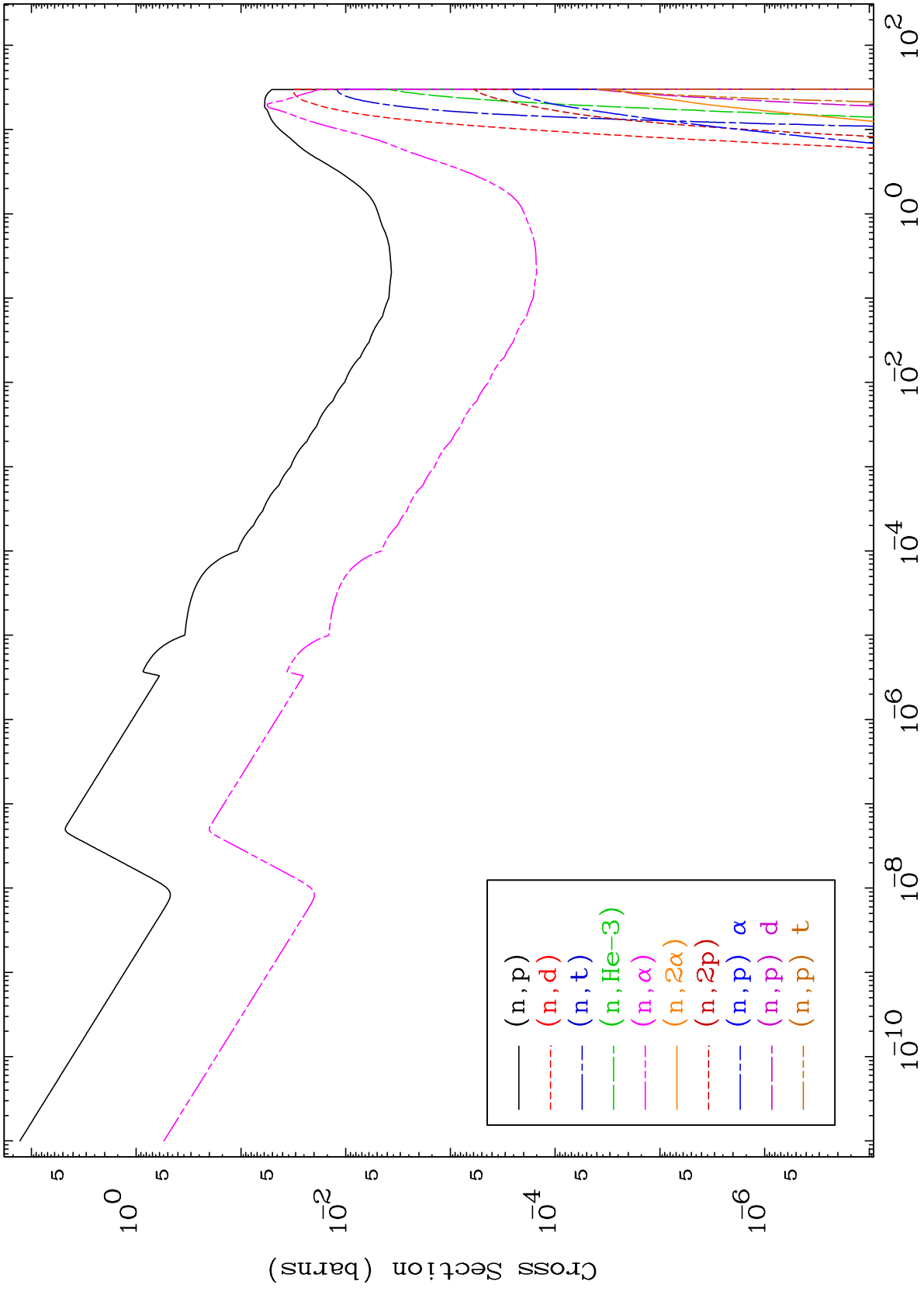
79-Au-185



MAT 7889

Charged Particle  
293 Kelvin Cross Sections

79-Au-185

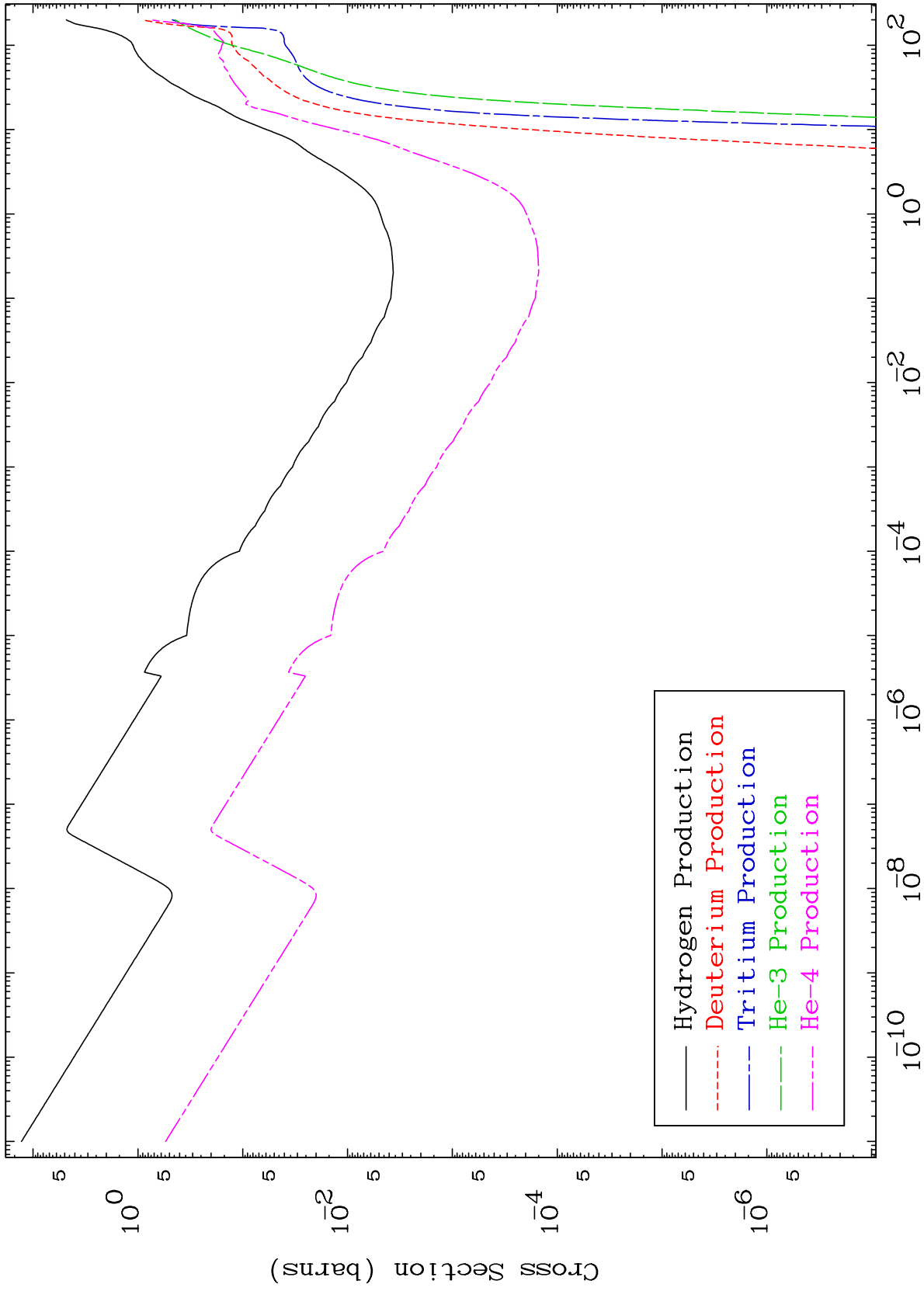


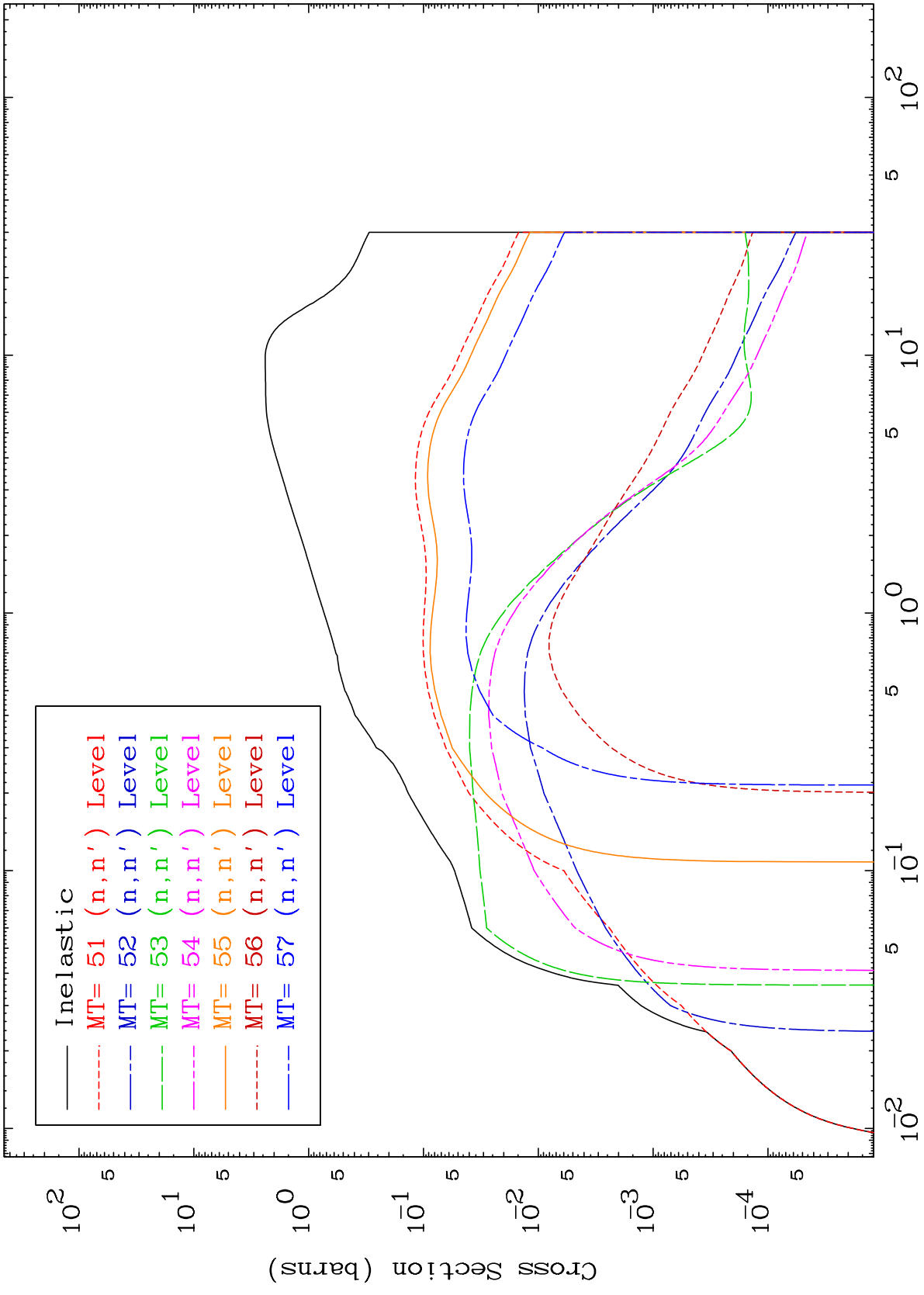
79-Au-185

MAT 7889

Particle Production  
293 Kelvin Cross Sections

79-Au-185



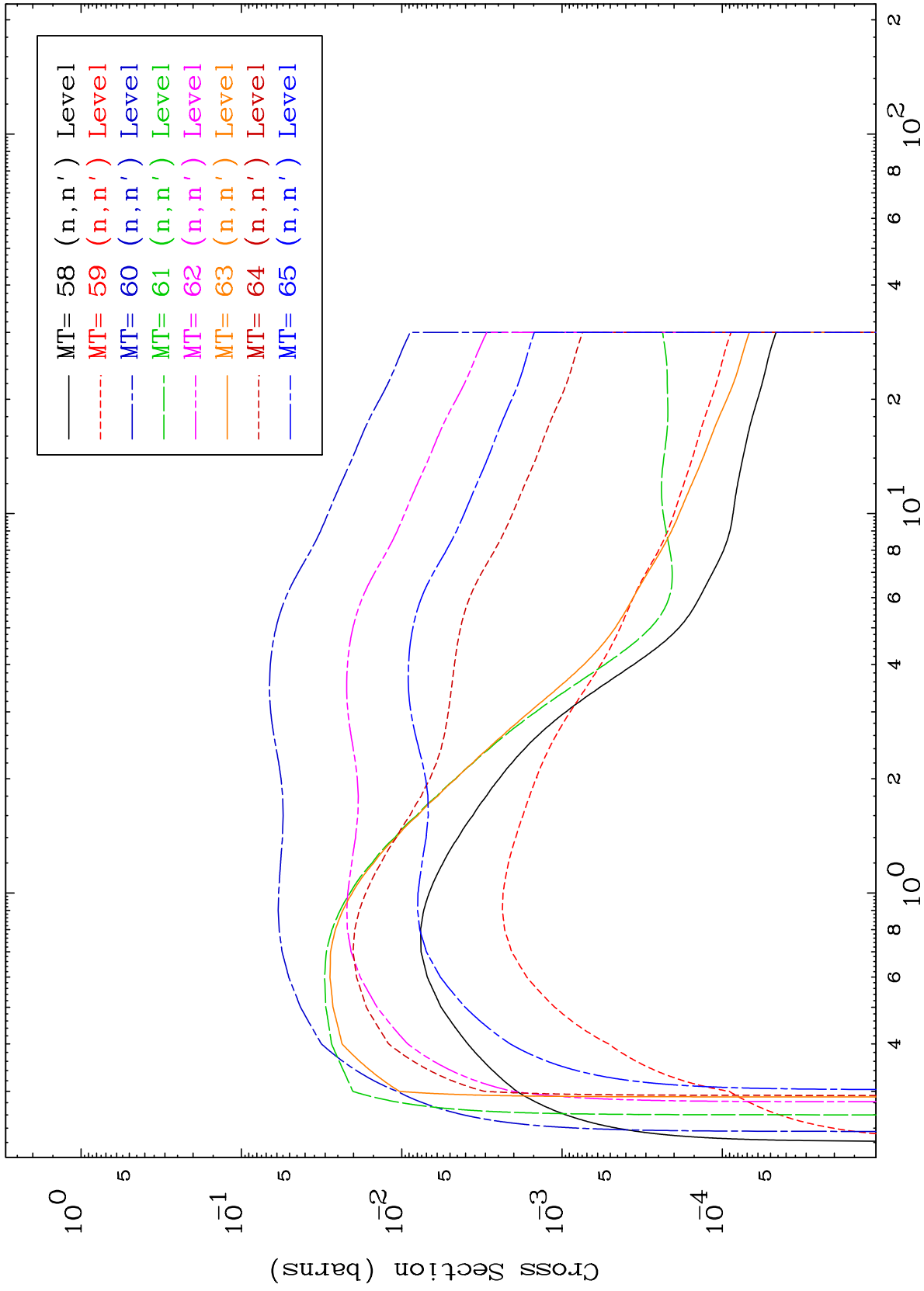




MAT 7889

(n,n') Level  
293 Kelvin Cross Sections

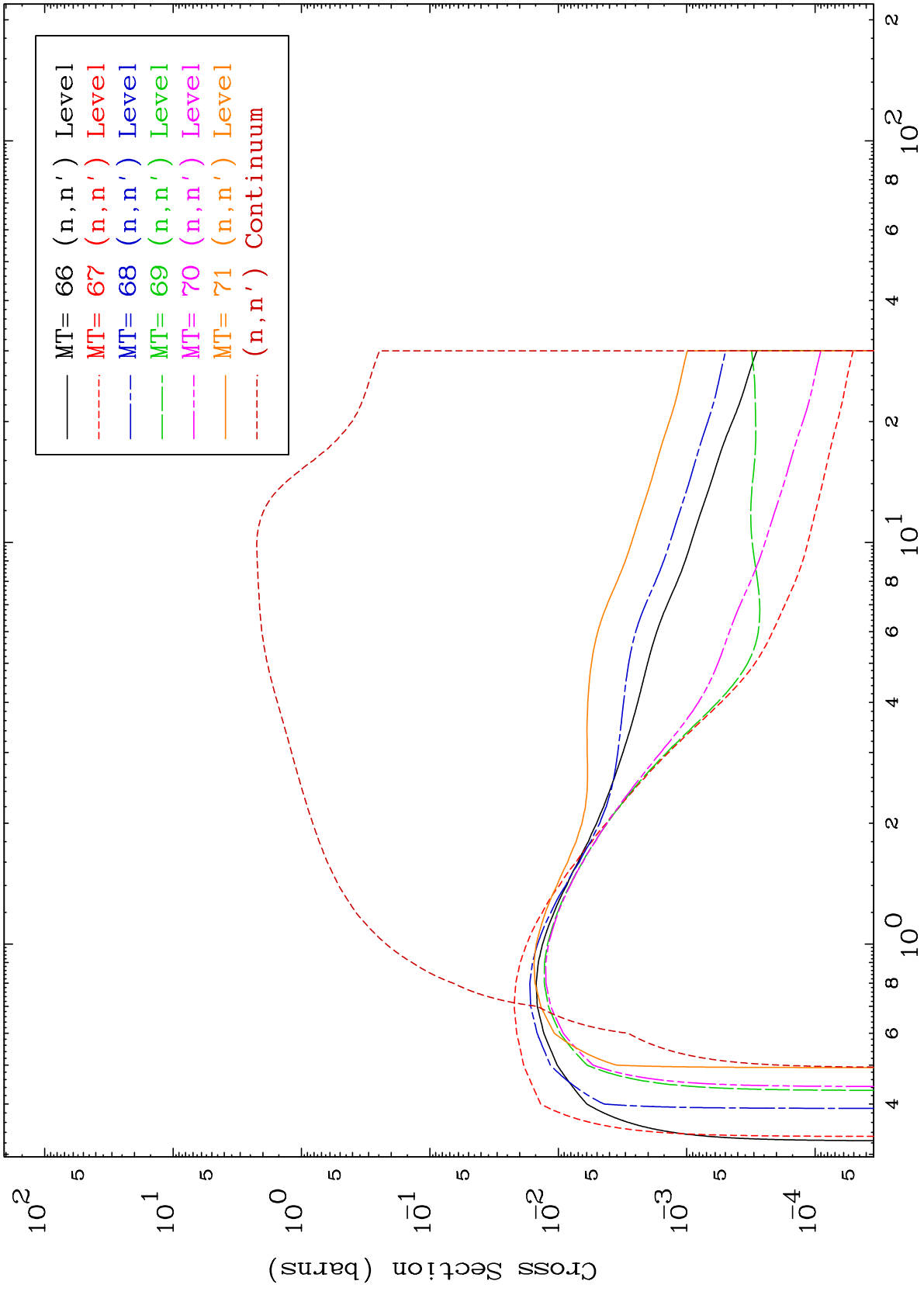
79-Au-185



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Incident Energy (MeV)

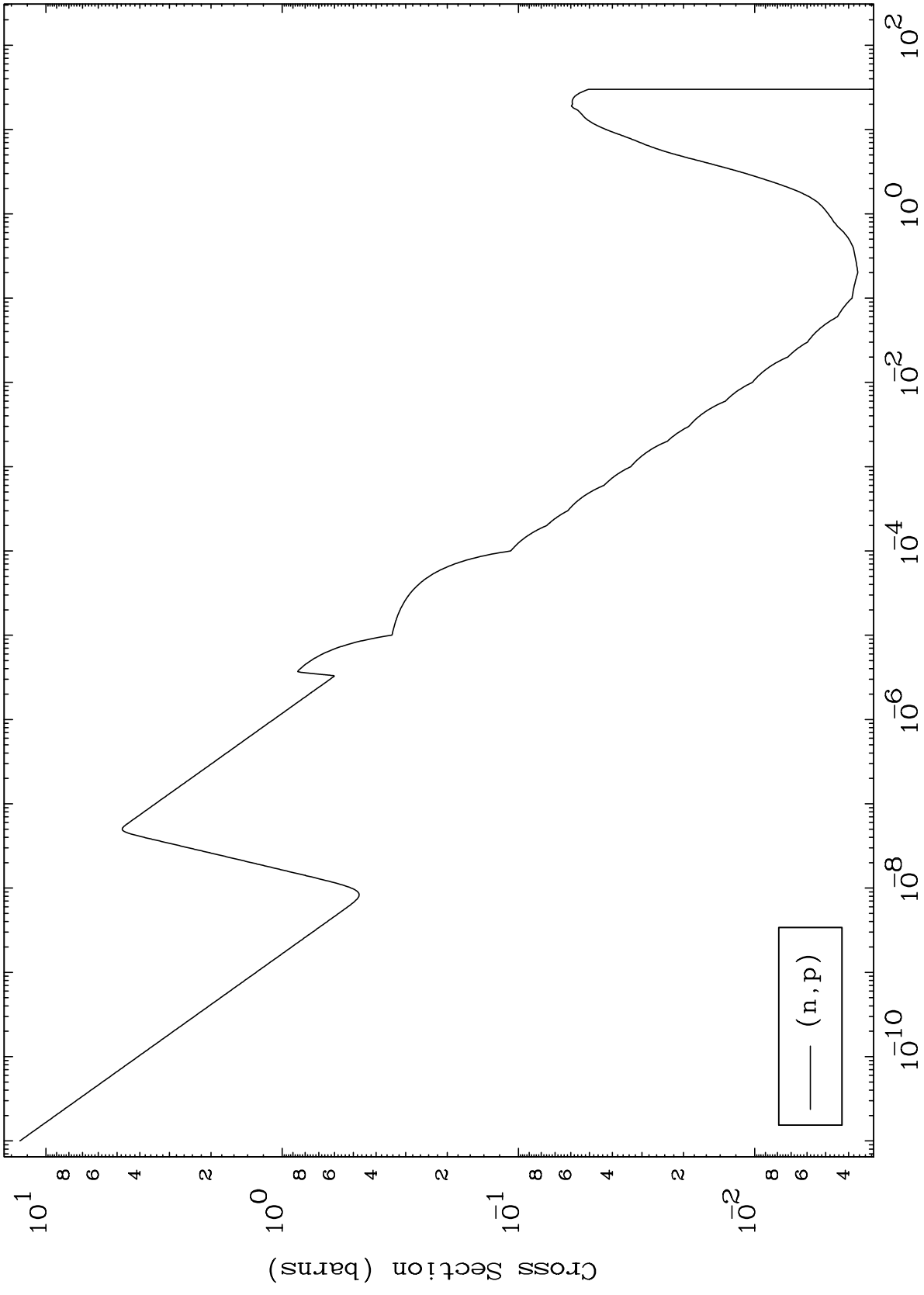
79-Au-185



MAT 7889

(n,p) Levels  
293 Kelvin Cross Sections

79-Au-185



10

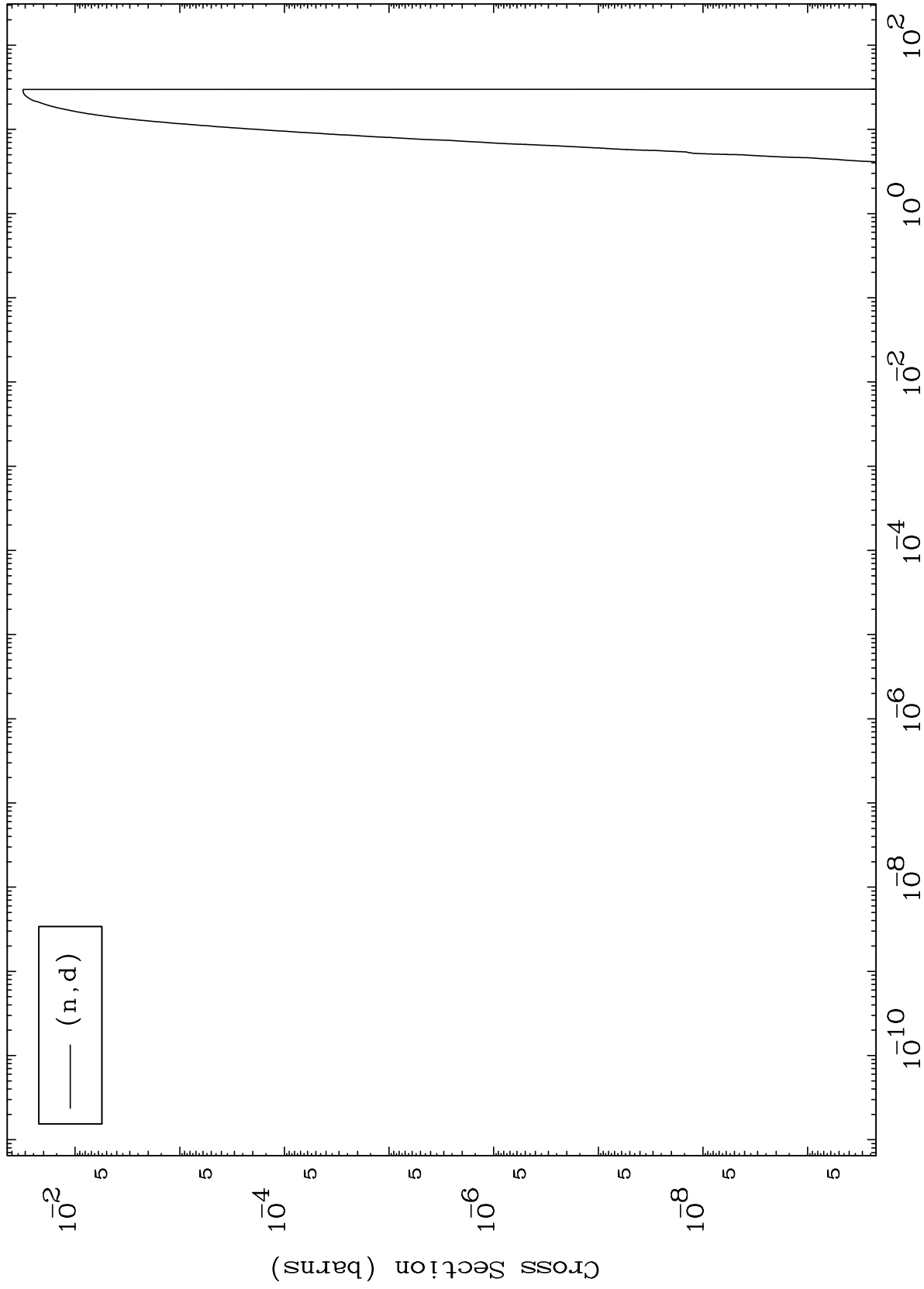
Incident Energy (MeV)

79-Au-185

MAT 7889

(n,d) Levels  
293 Kelvin Cross Sections

79-Au-185



11

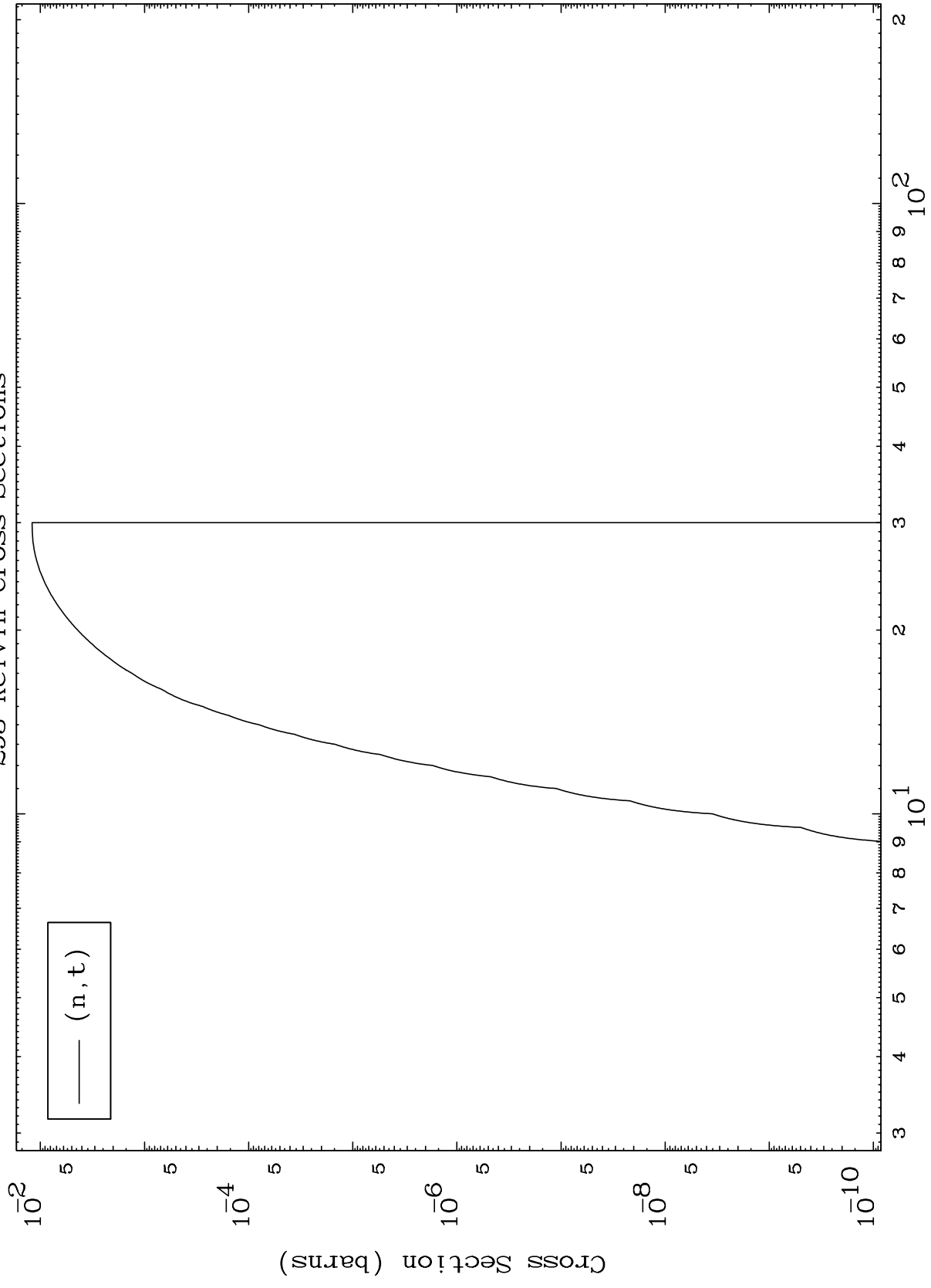
Incident Energy (MeV)

79-Au-185

MAT 7889

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-185



12

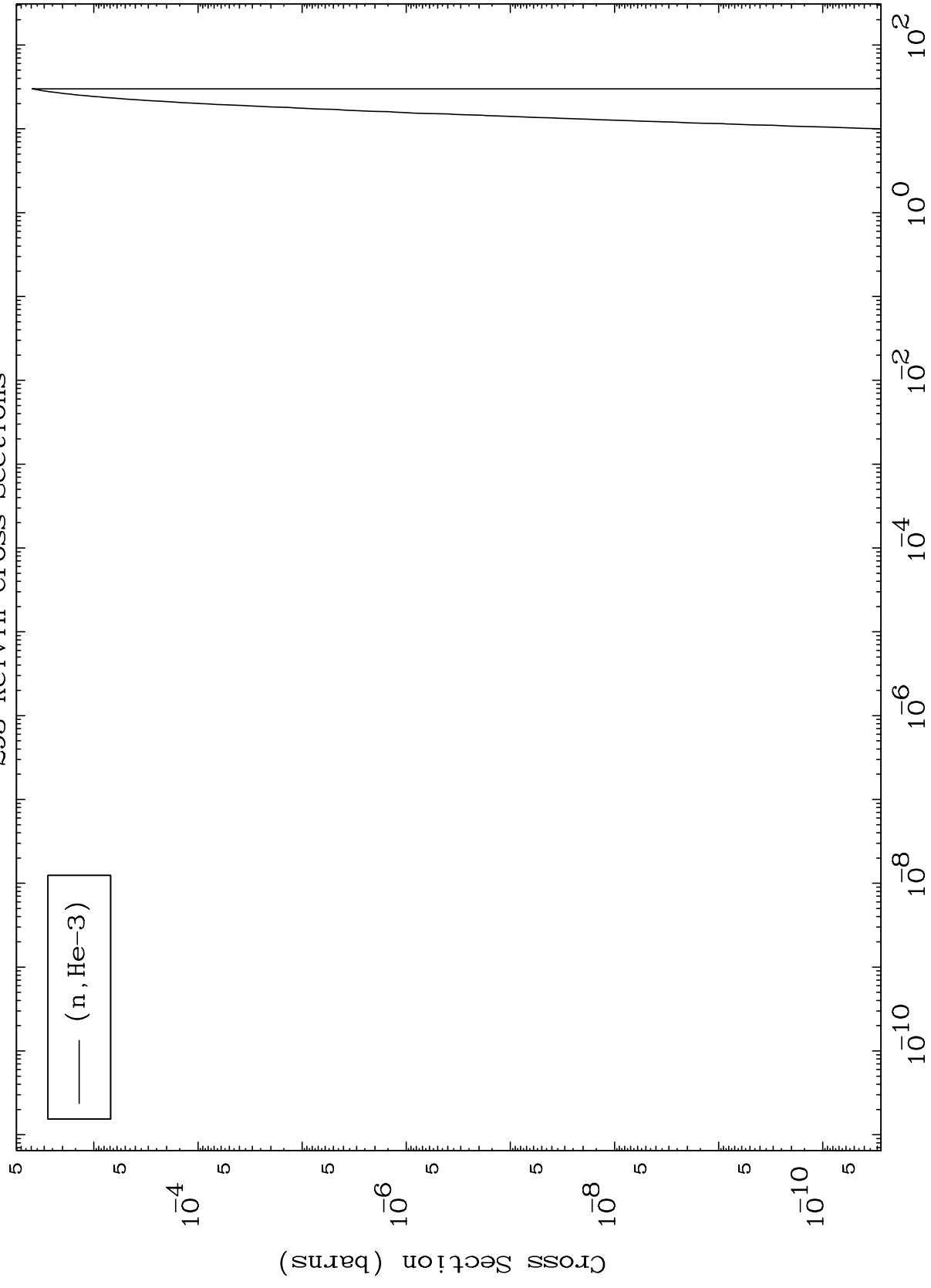
Incident Energy (MeV)

79-Au-185

MAT 7889

(n,He3) Levels  
293 Kelvin Cross Sections

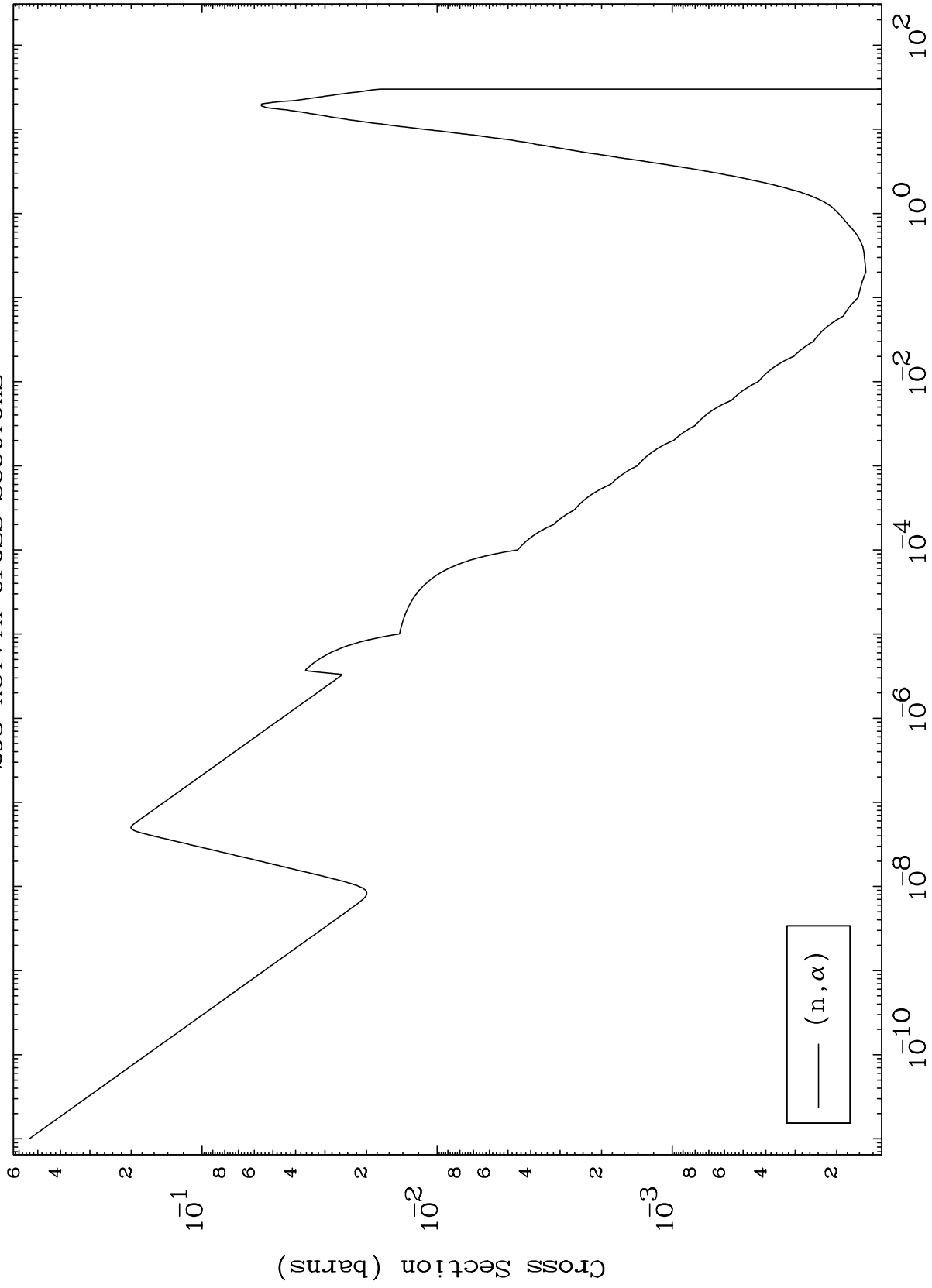
79-Au-185



MAT 7889

(n,α) Levels  
293 Kelvin Cross Sections

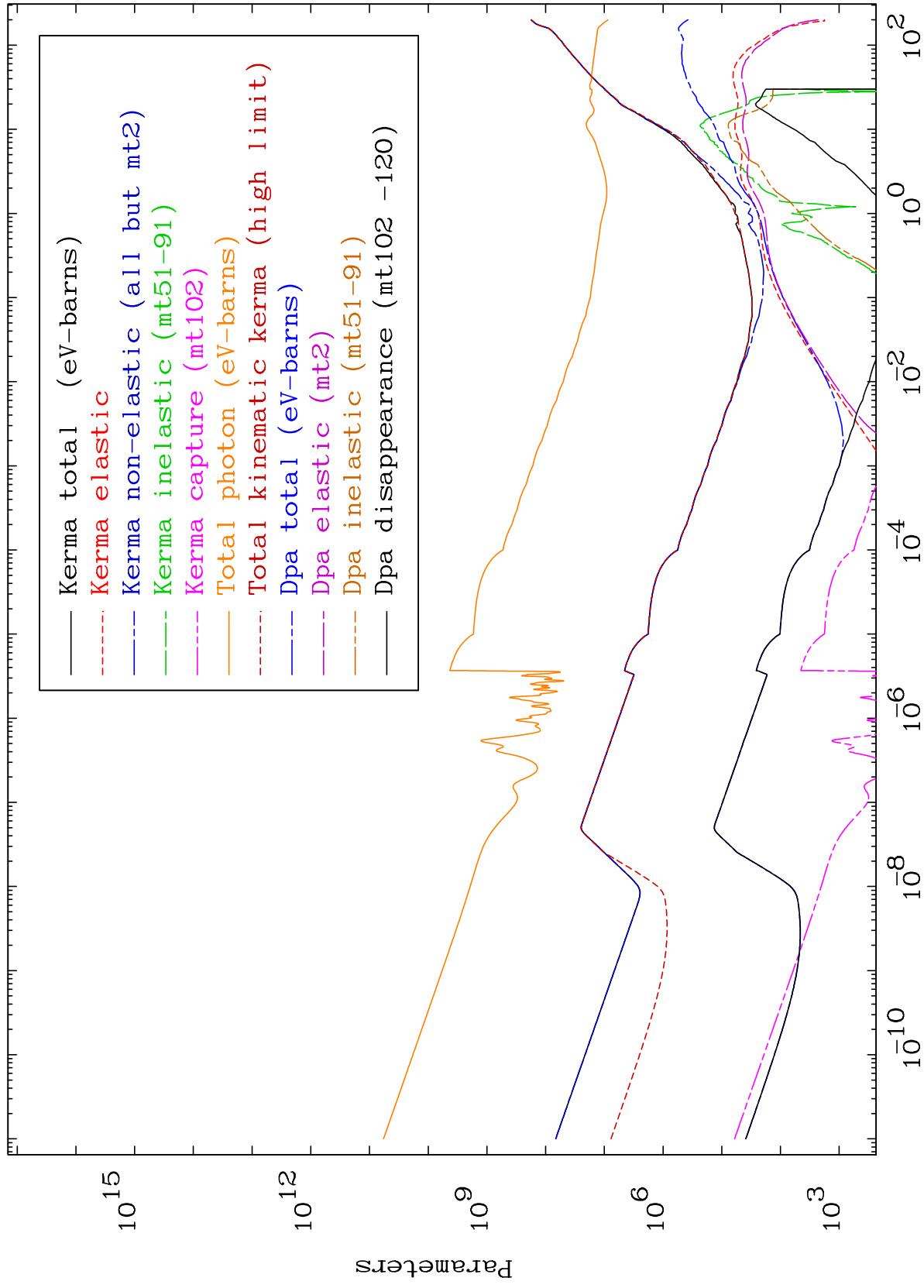
79-Au-185



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Incident Energy (MeV)

79-Au-185

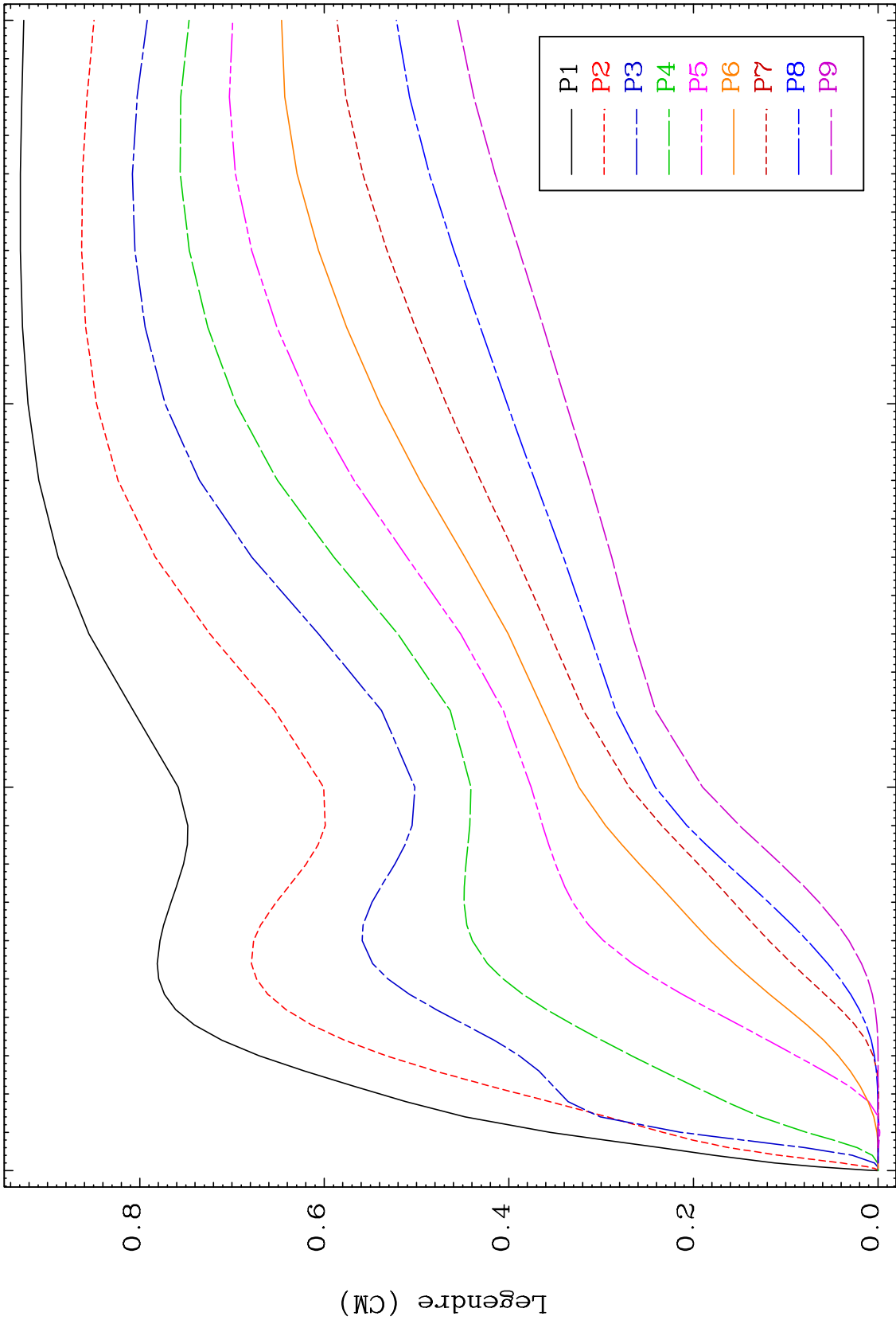




MAT 7889

Elastic Legendre Coefficients

<sup>79</sup>Au-<sup>185</sup>



16

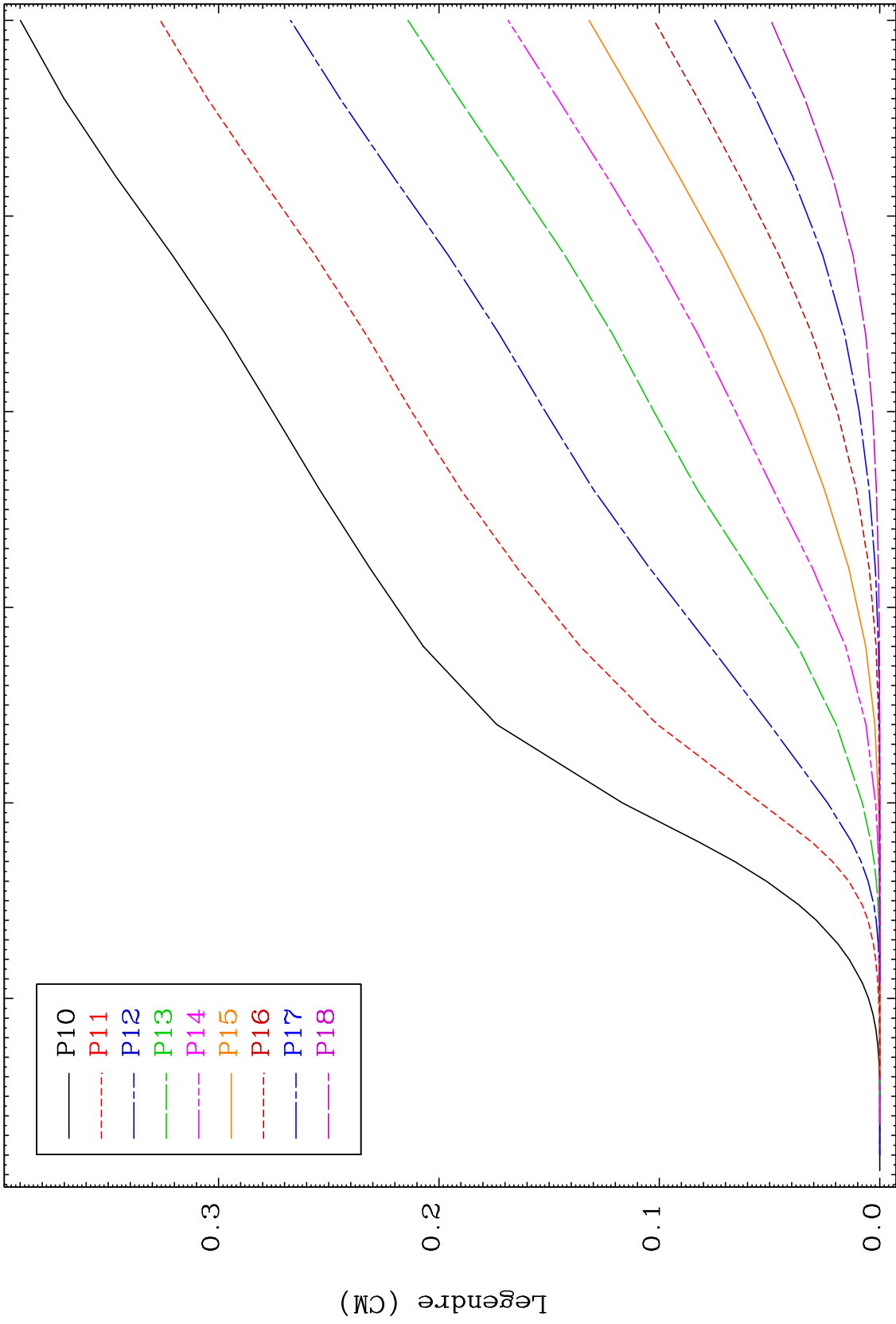
Incident Energy (MeV)

<sup>79</sup>Au-<sup>185</sup>

MAT 7889

Elastic Legendre Coefficients

<sup>79</sup>Au-185



17

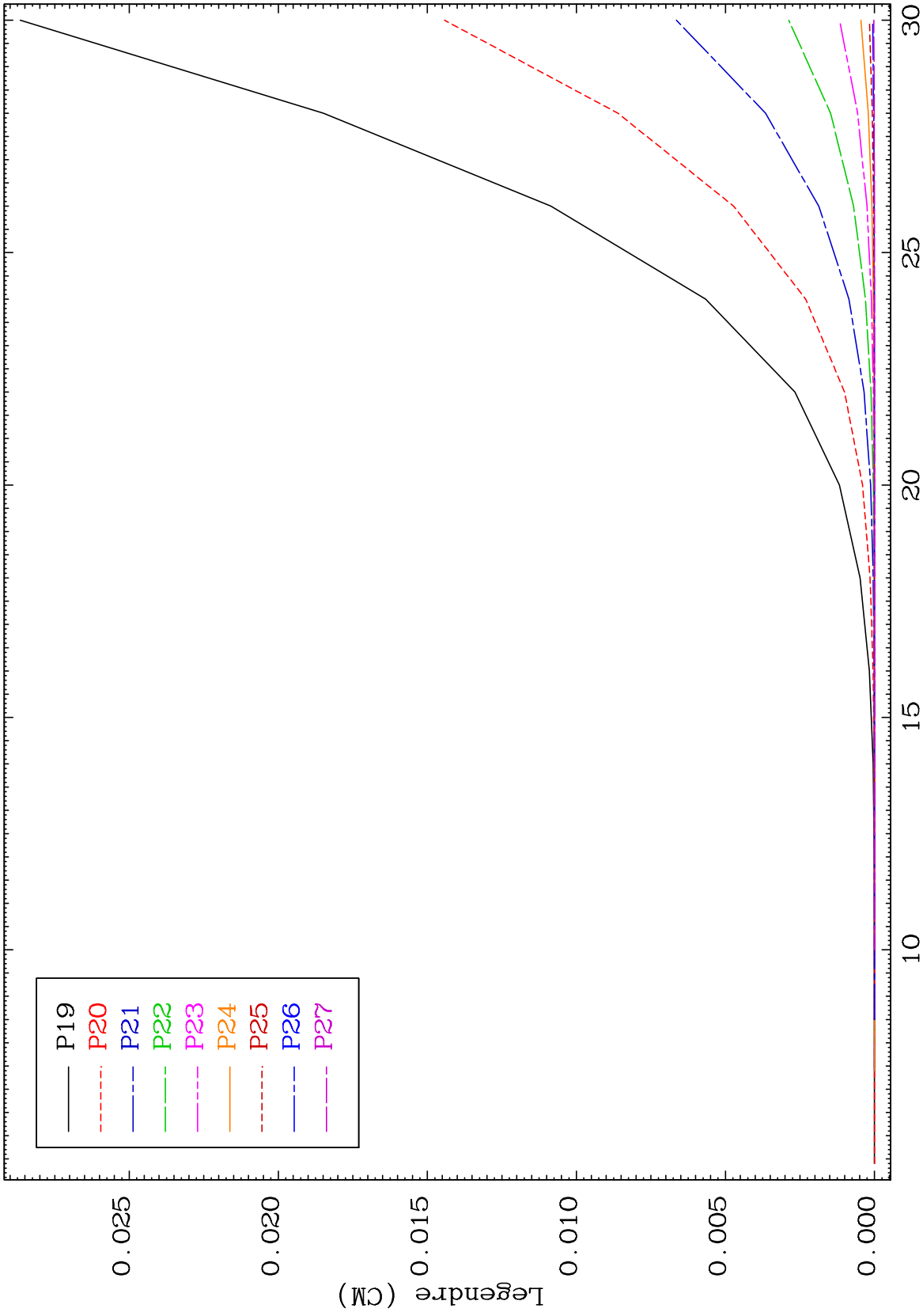
Incident Energy (MeV)

<sup>79</sup>Au-185

MAT 7889

### Elastic Legendre Coefficients

79-Au-185



18

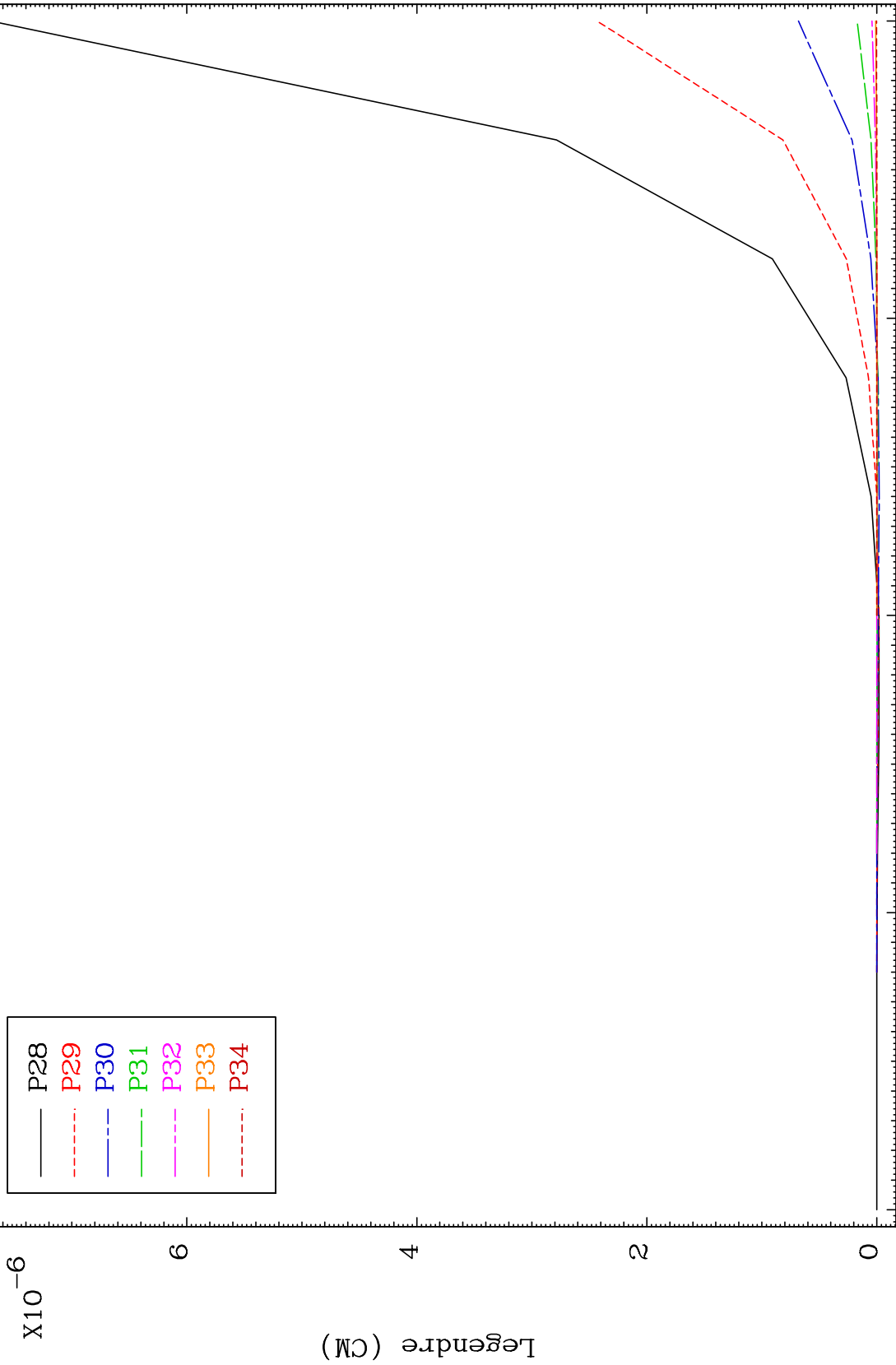
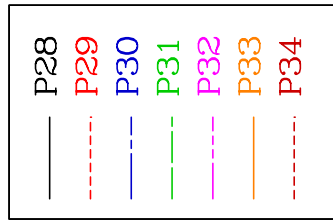
Incident Energy (MeV)

79-Au-185

MAT 7889

Elastic Legendre Coefficients

79-Au-185



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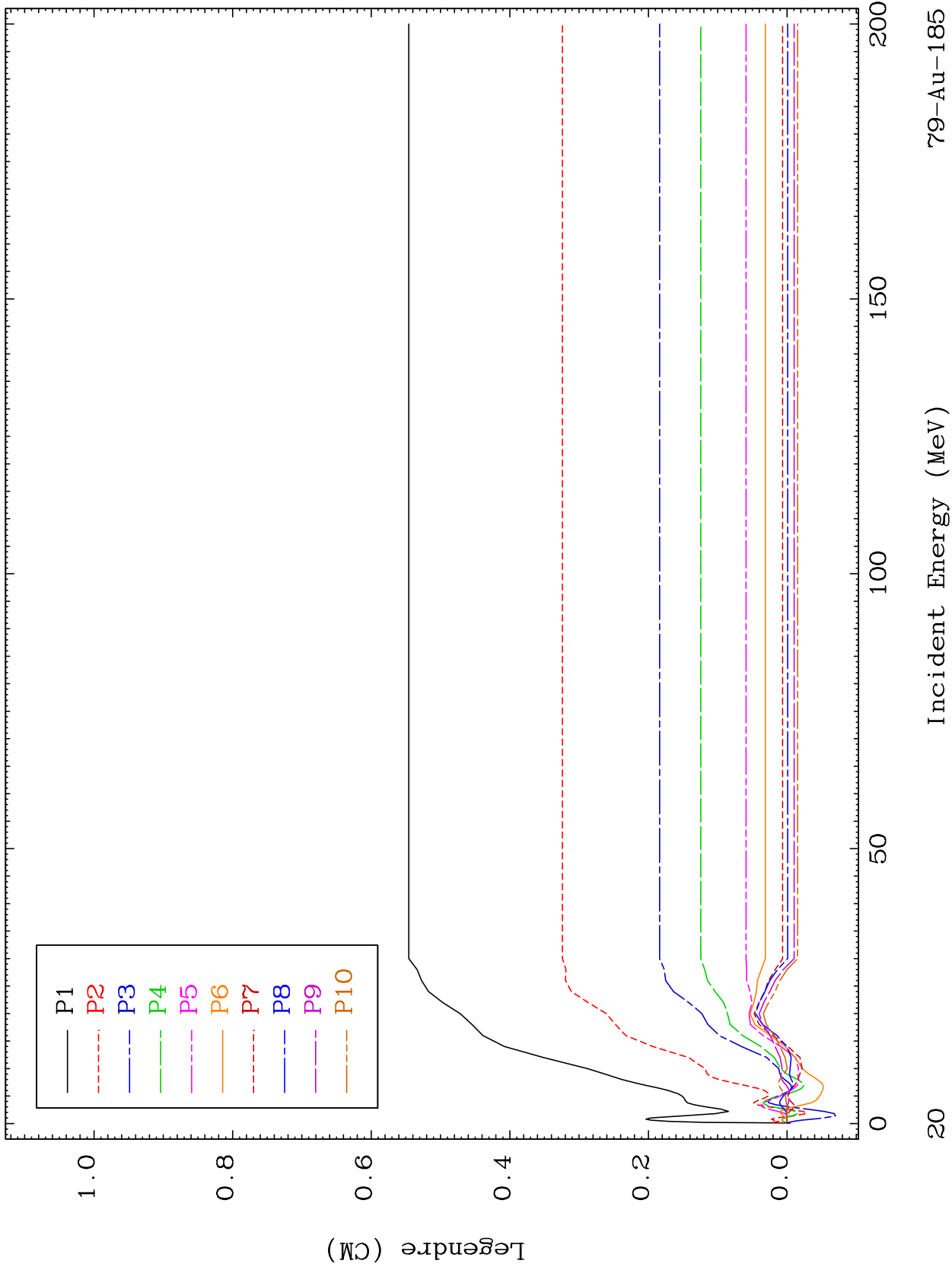
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185

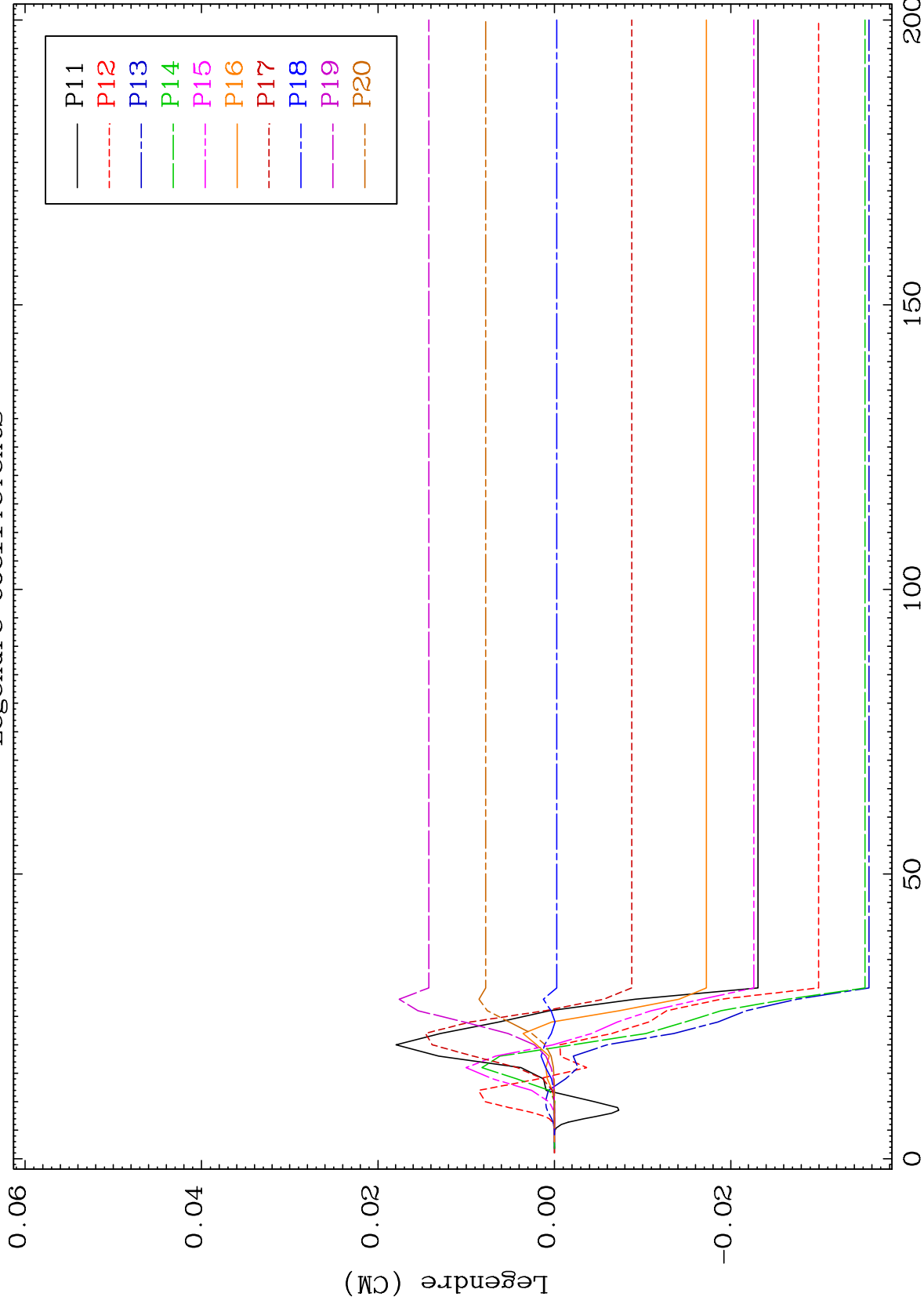


79-Au-185

MAT 7889

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

79-Au-185



21

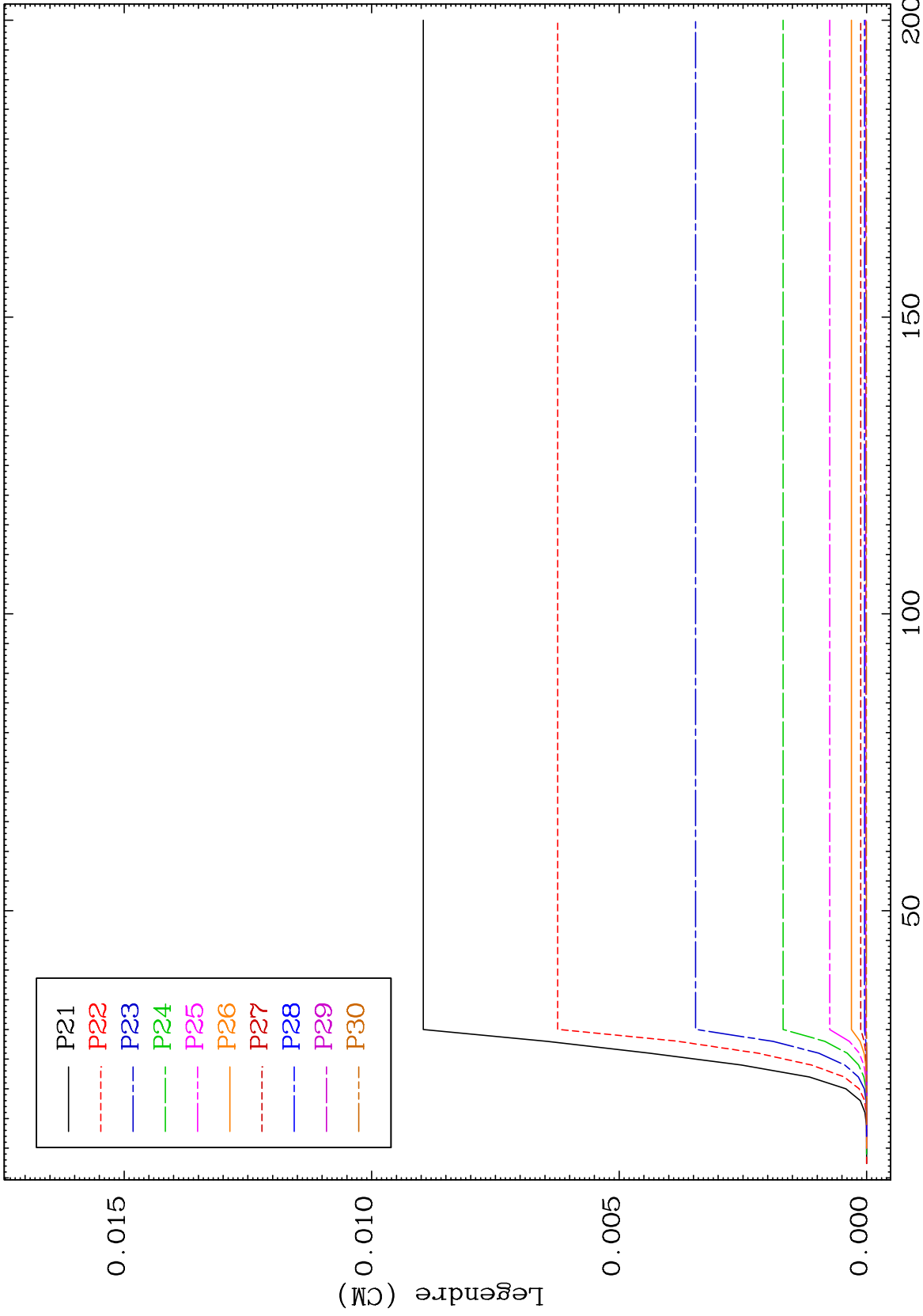
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



22

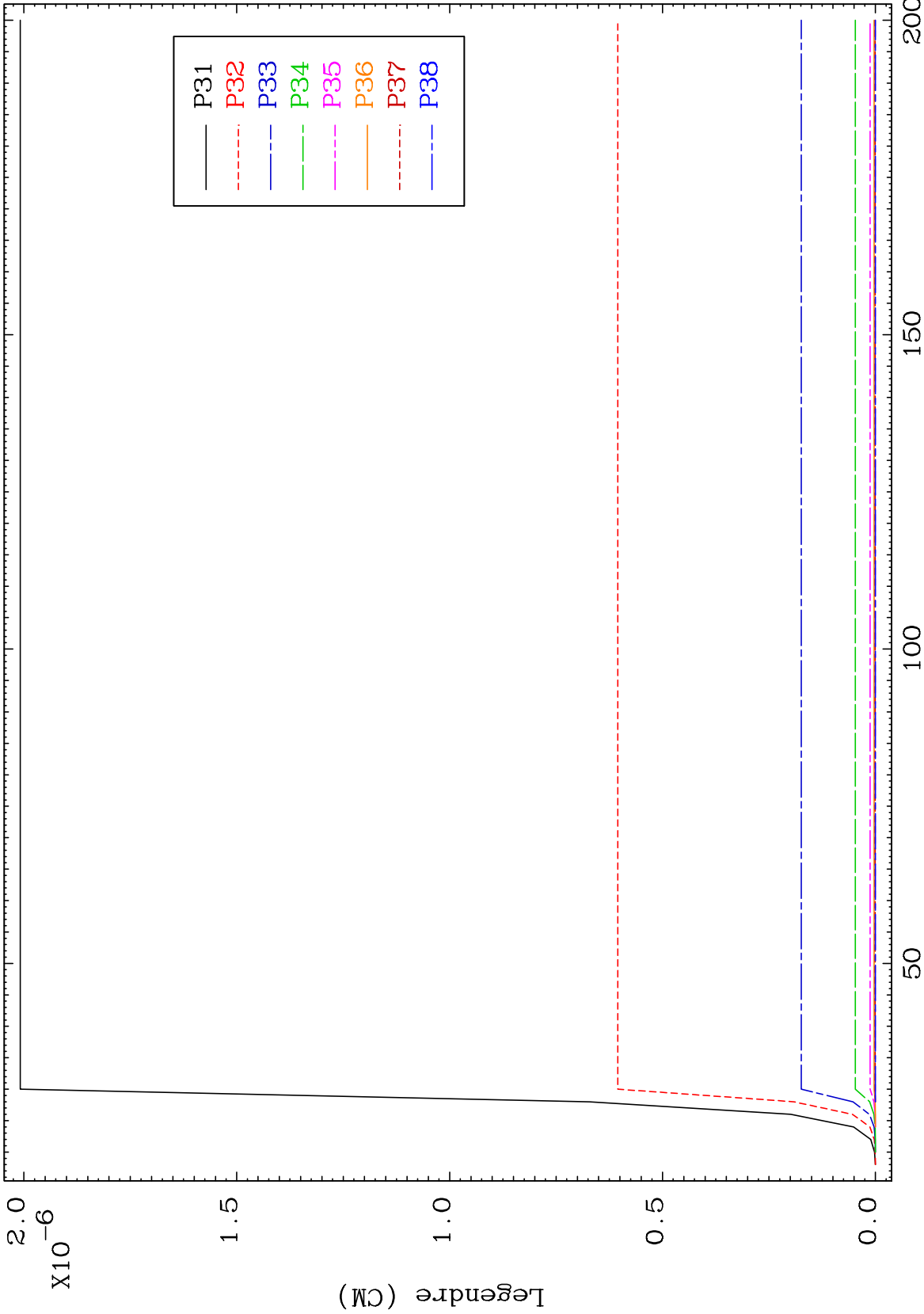
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



23

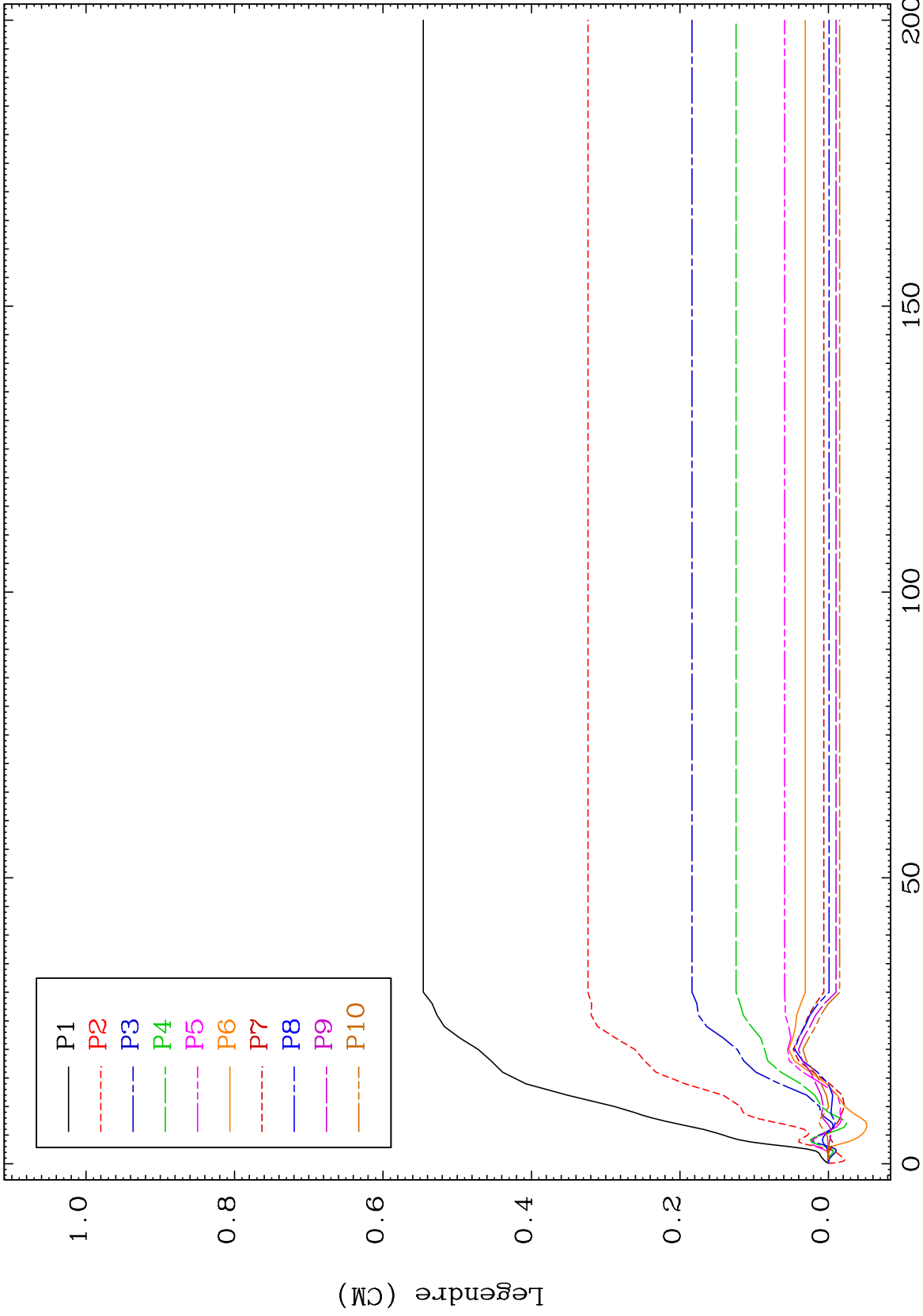
79-Au-185



MAT 7889

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

79-Au-185



24

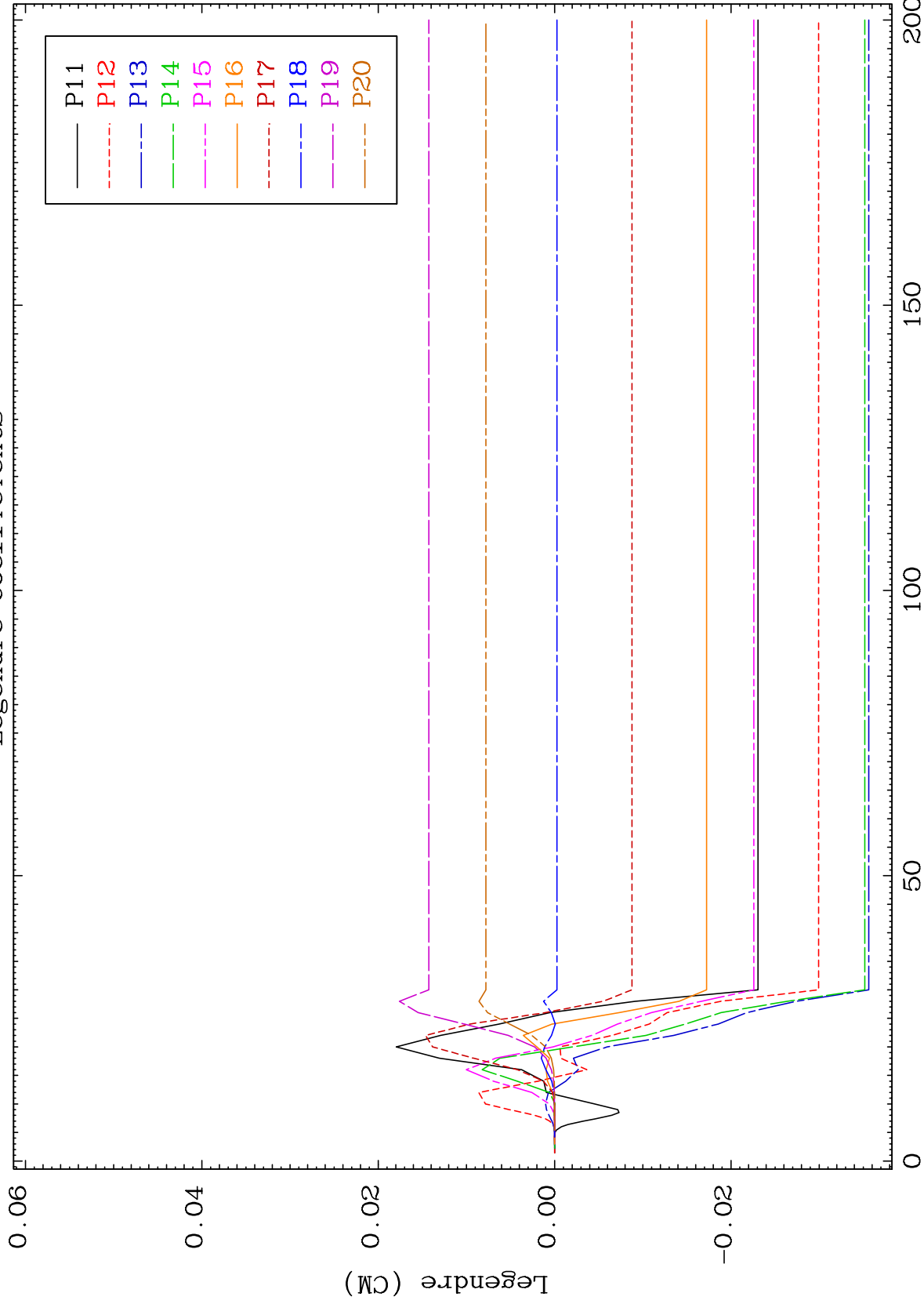
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



25

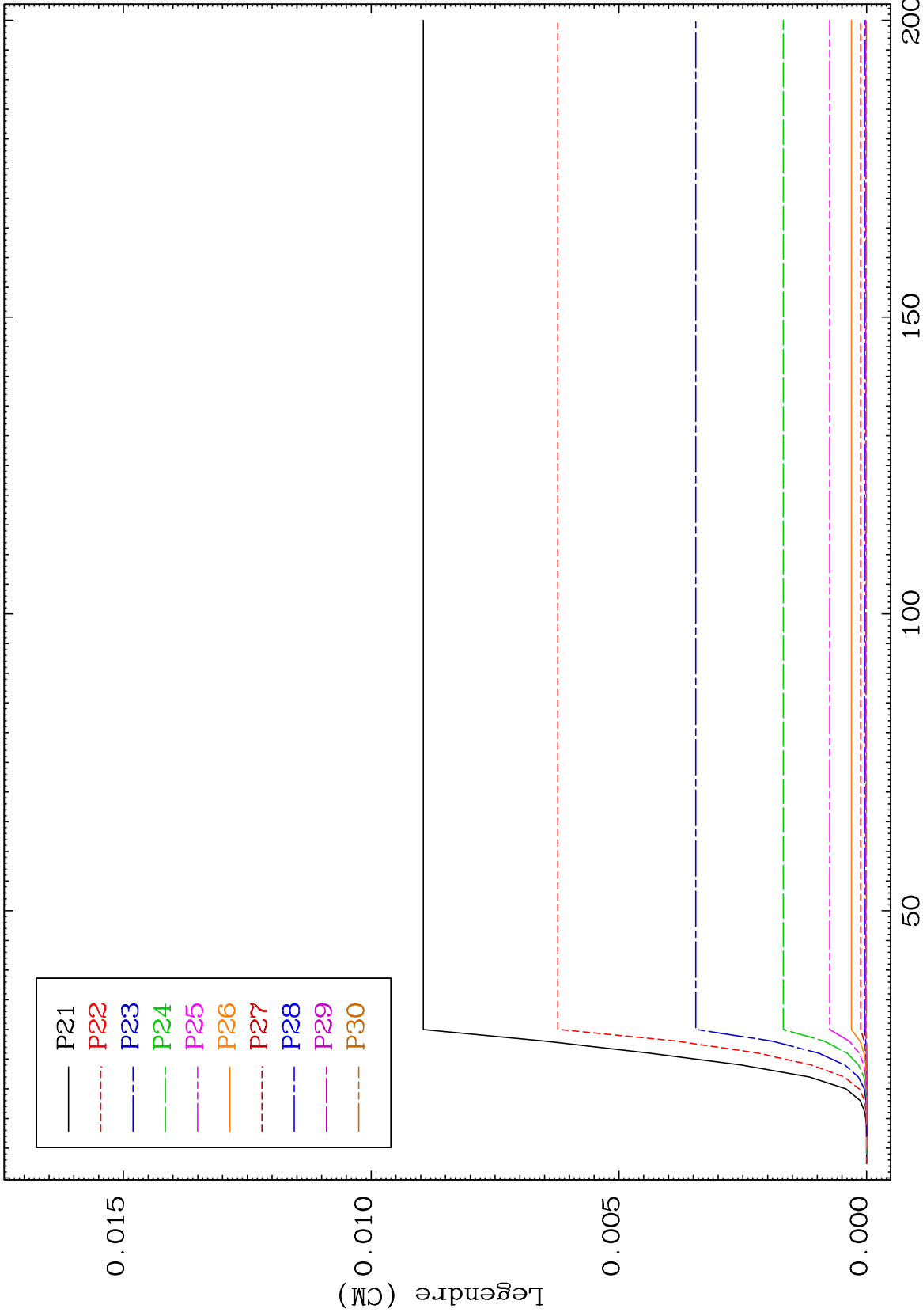
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



26

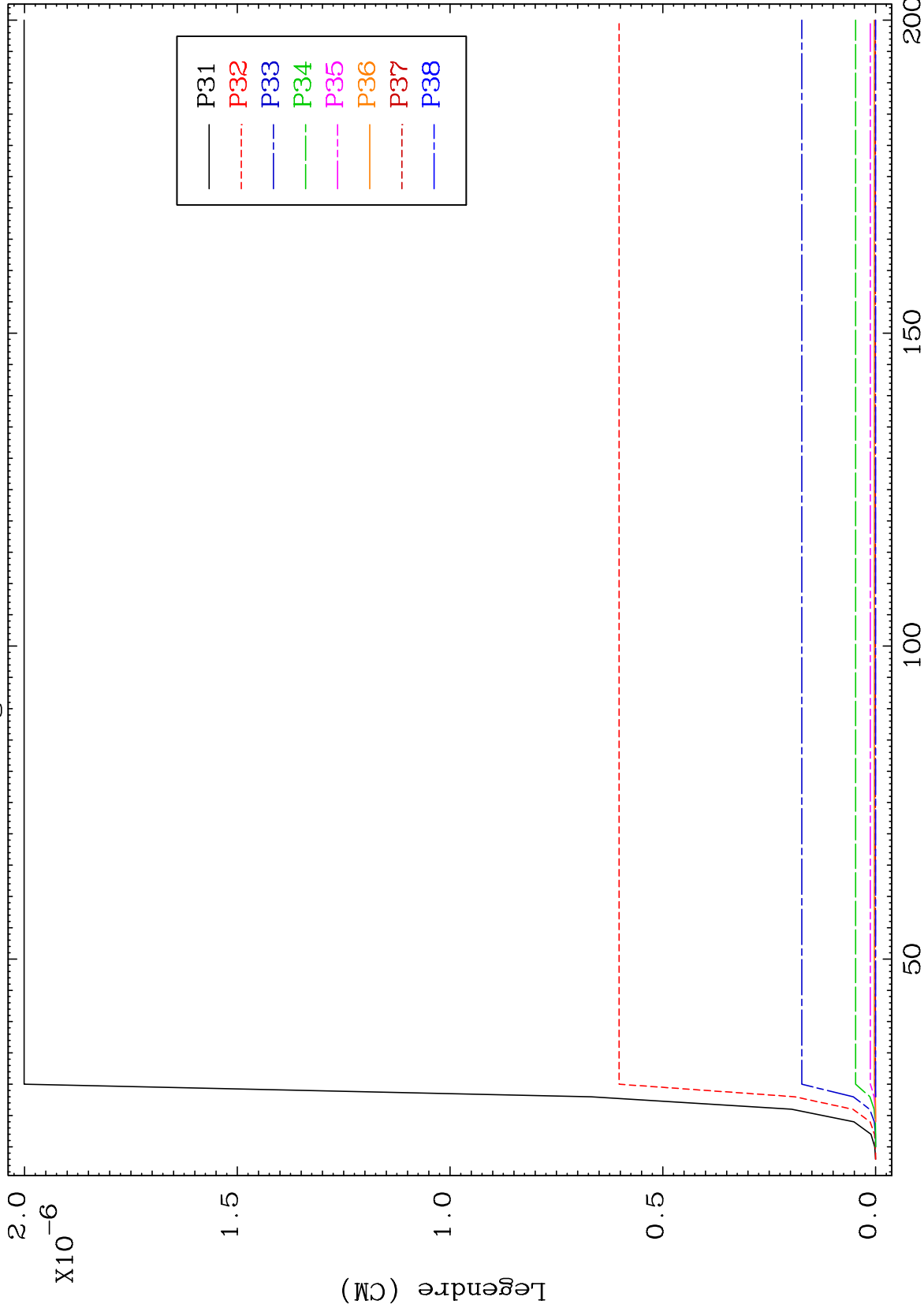
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



27

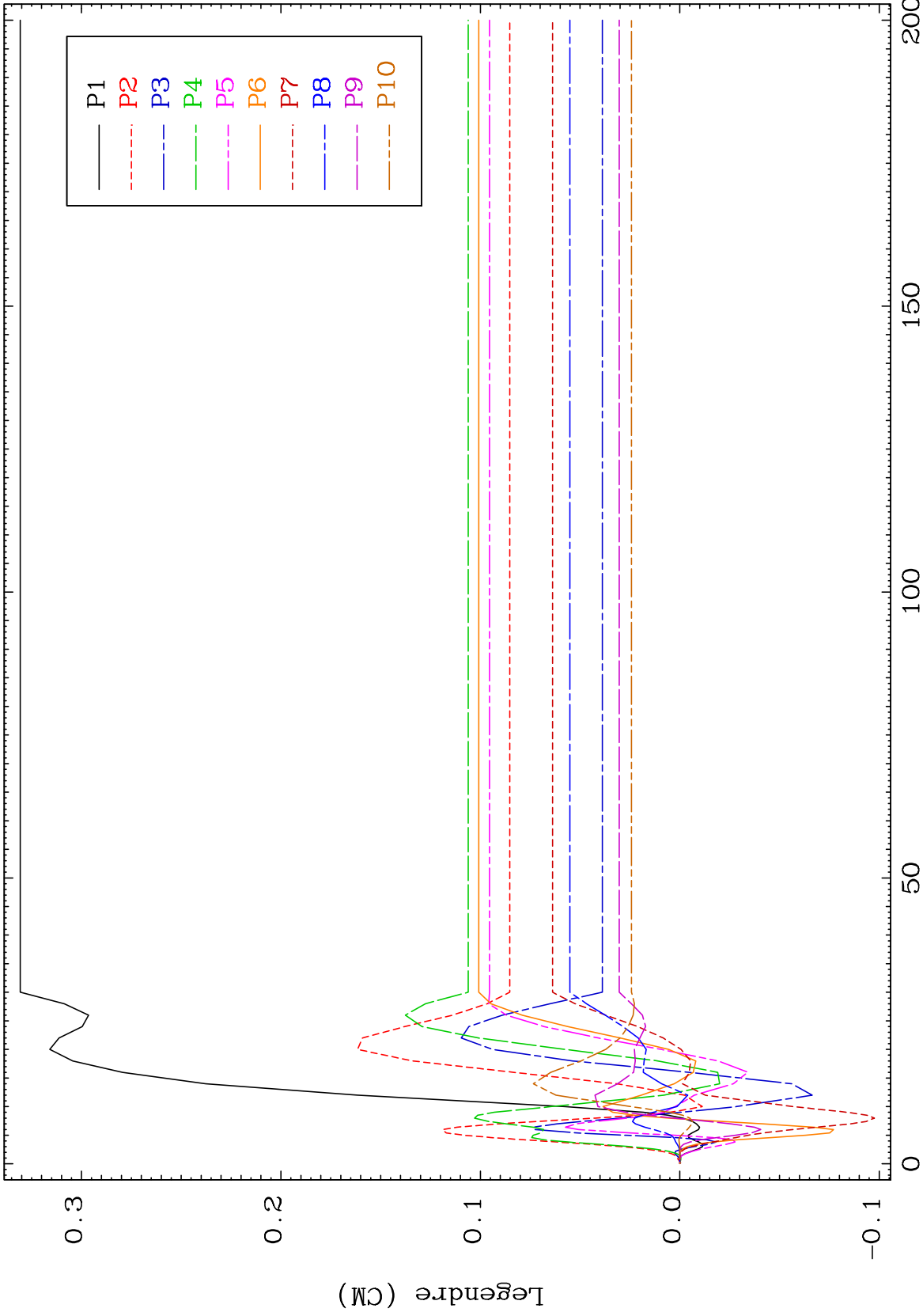
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



28

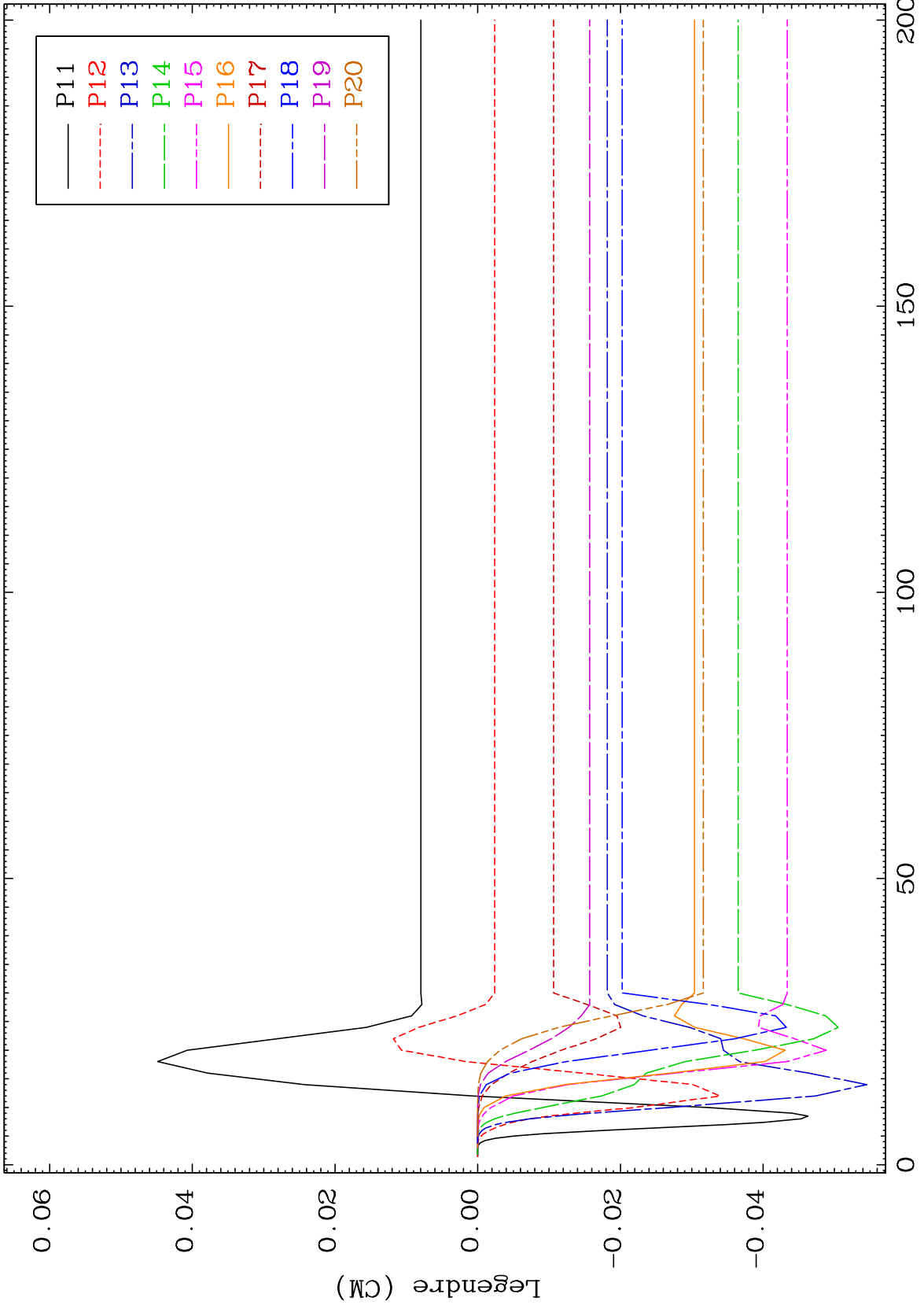
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



29

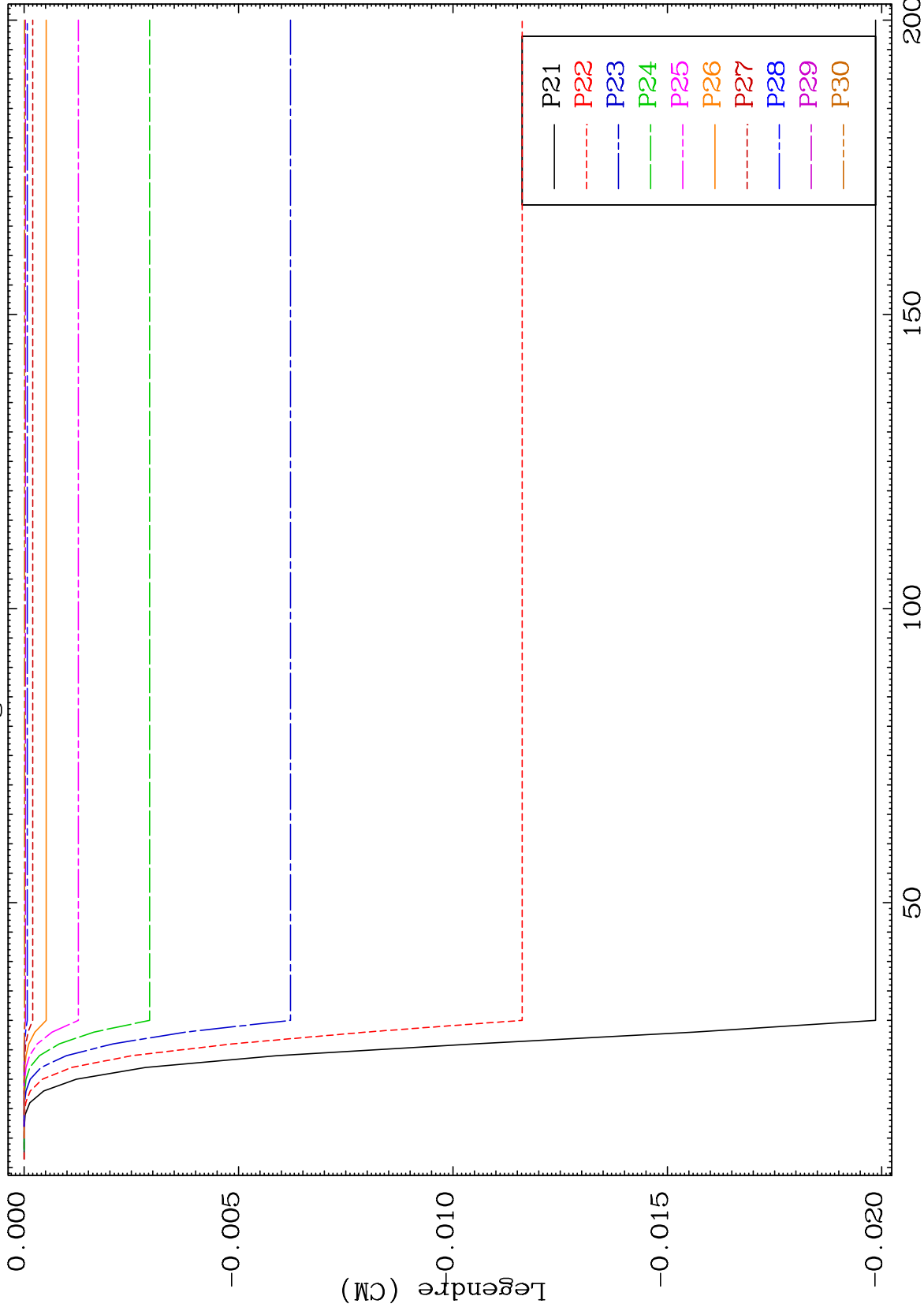
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



79-Au-185

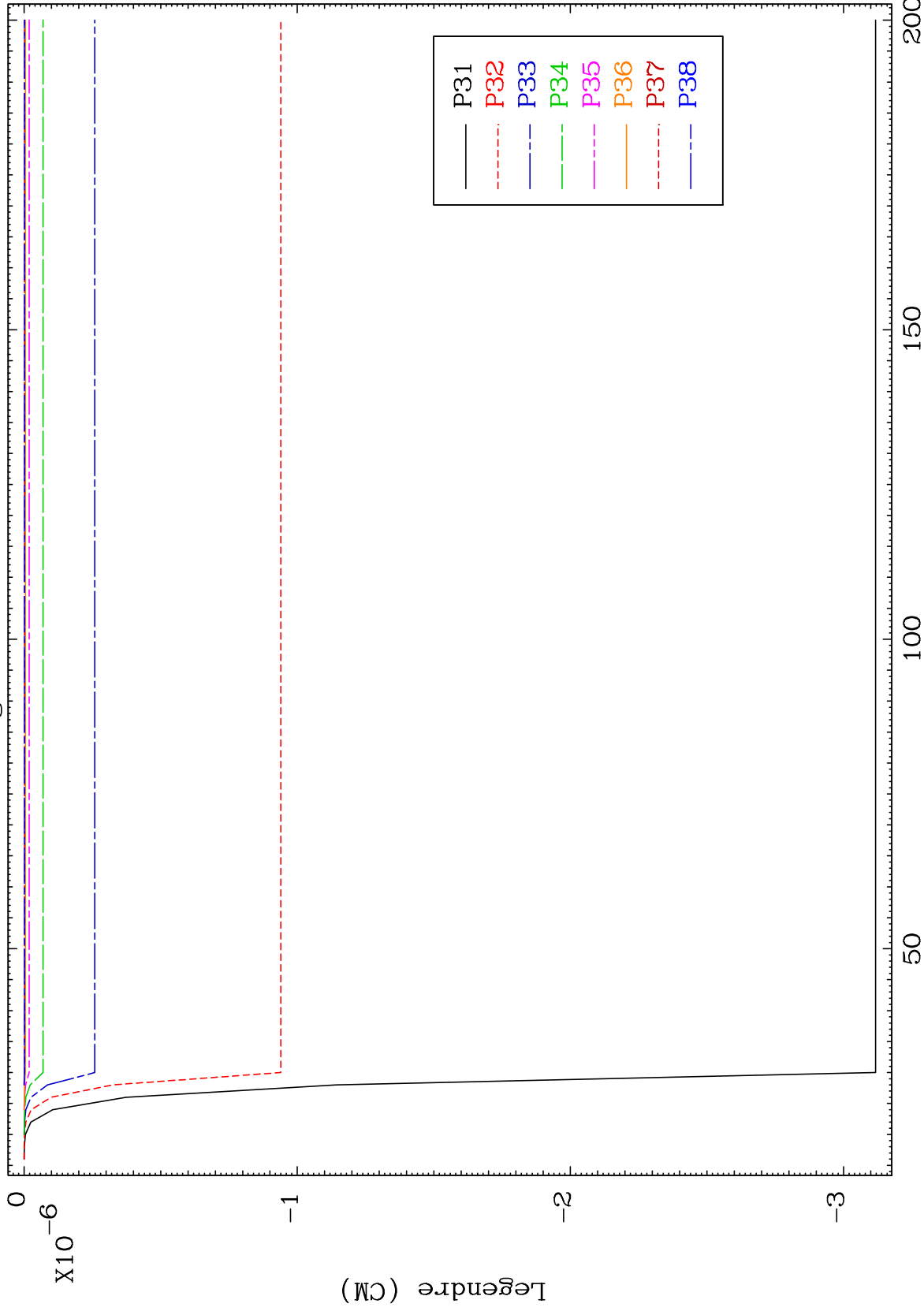
Incident Energy (MeV)

30

MAT 7889

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

79-Au-185



31

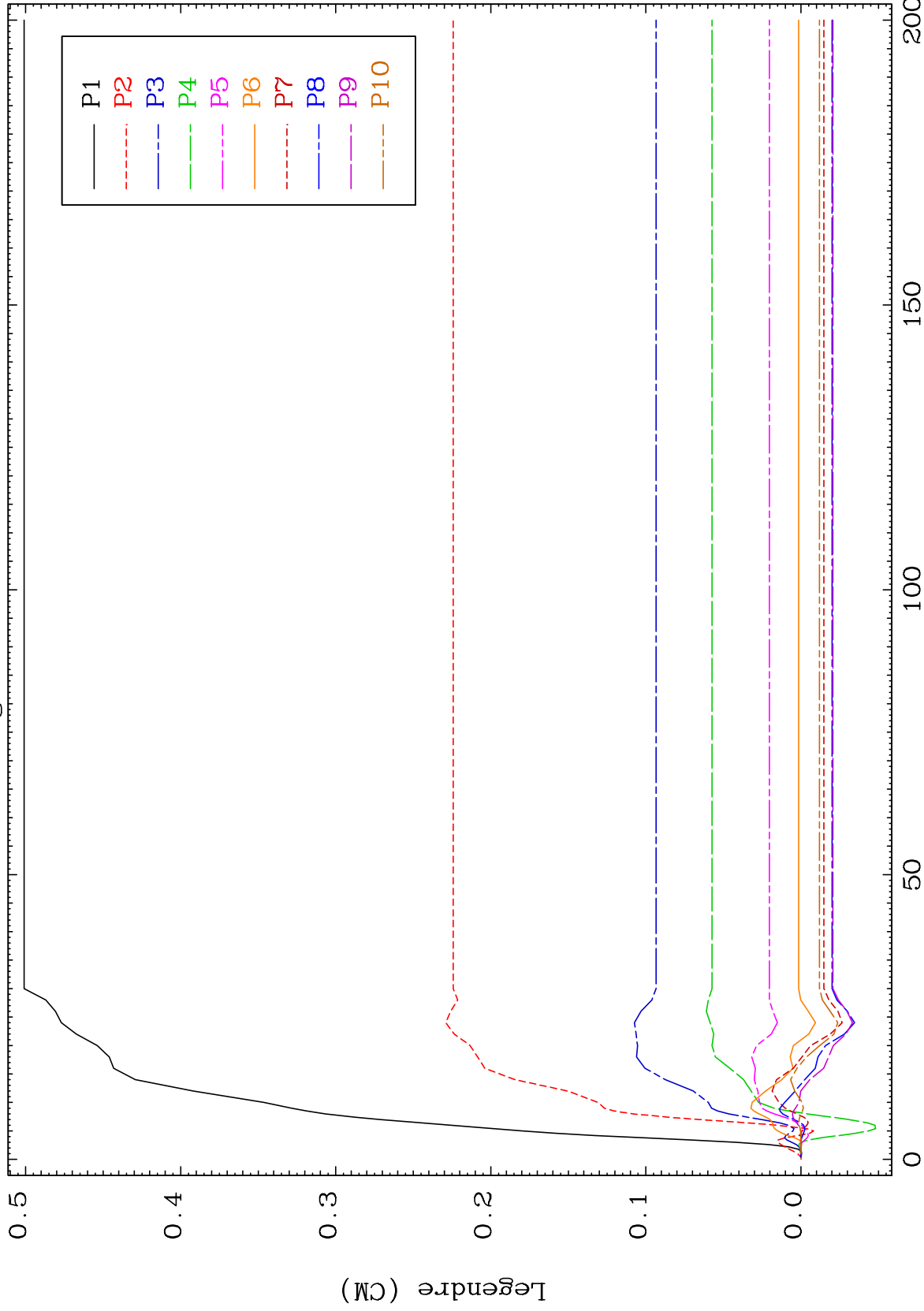
79-Au-185



MAT 7889

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

79-Au-185



32

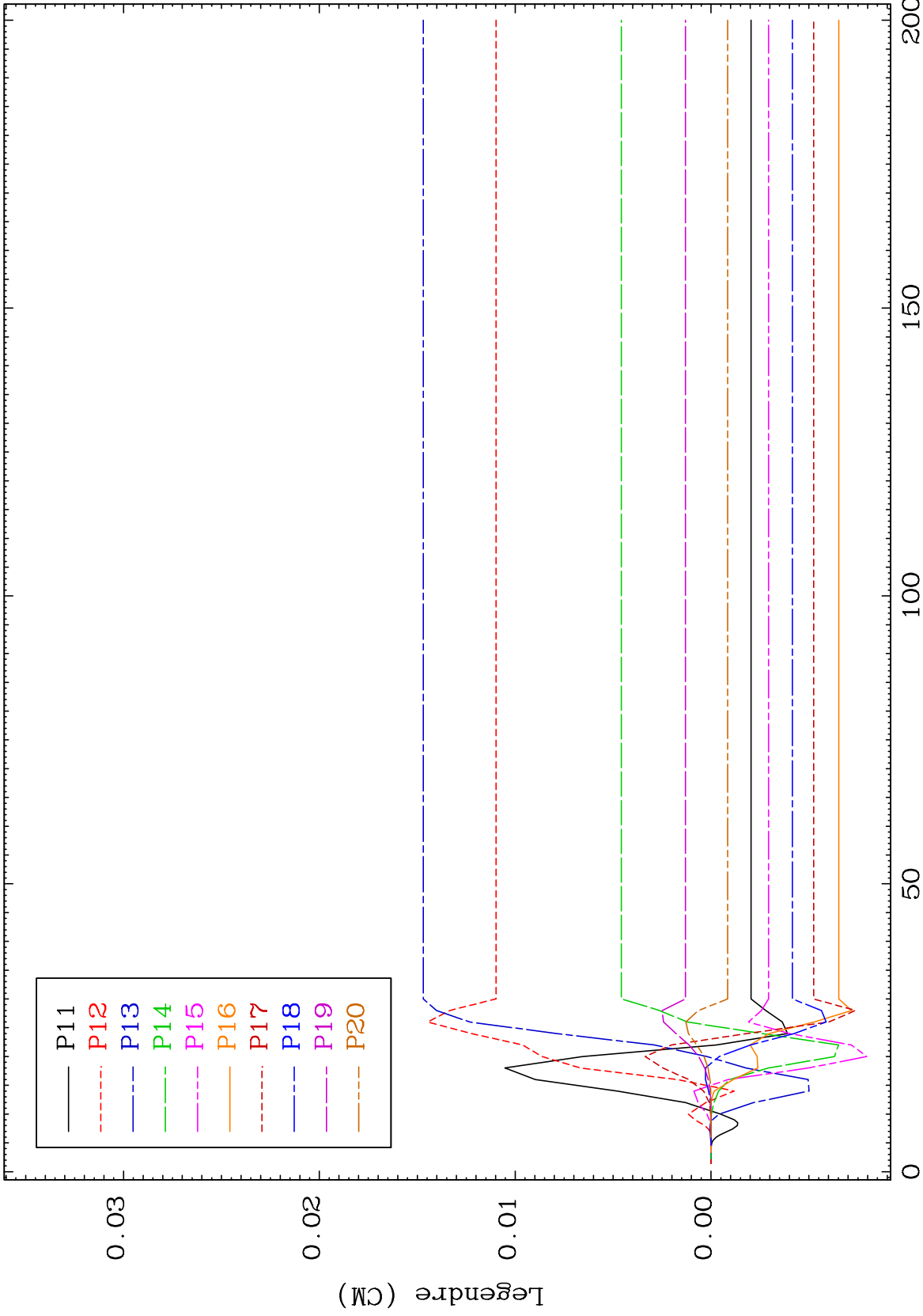
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



33

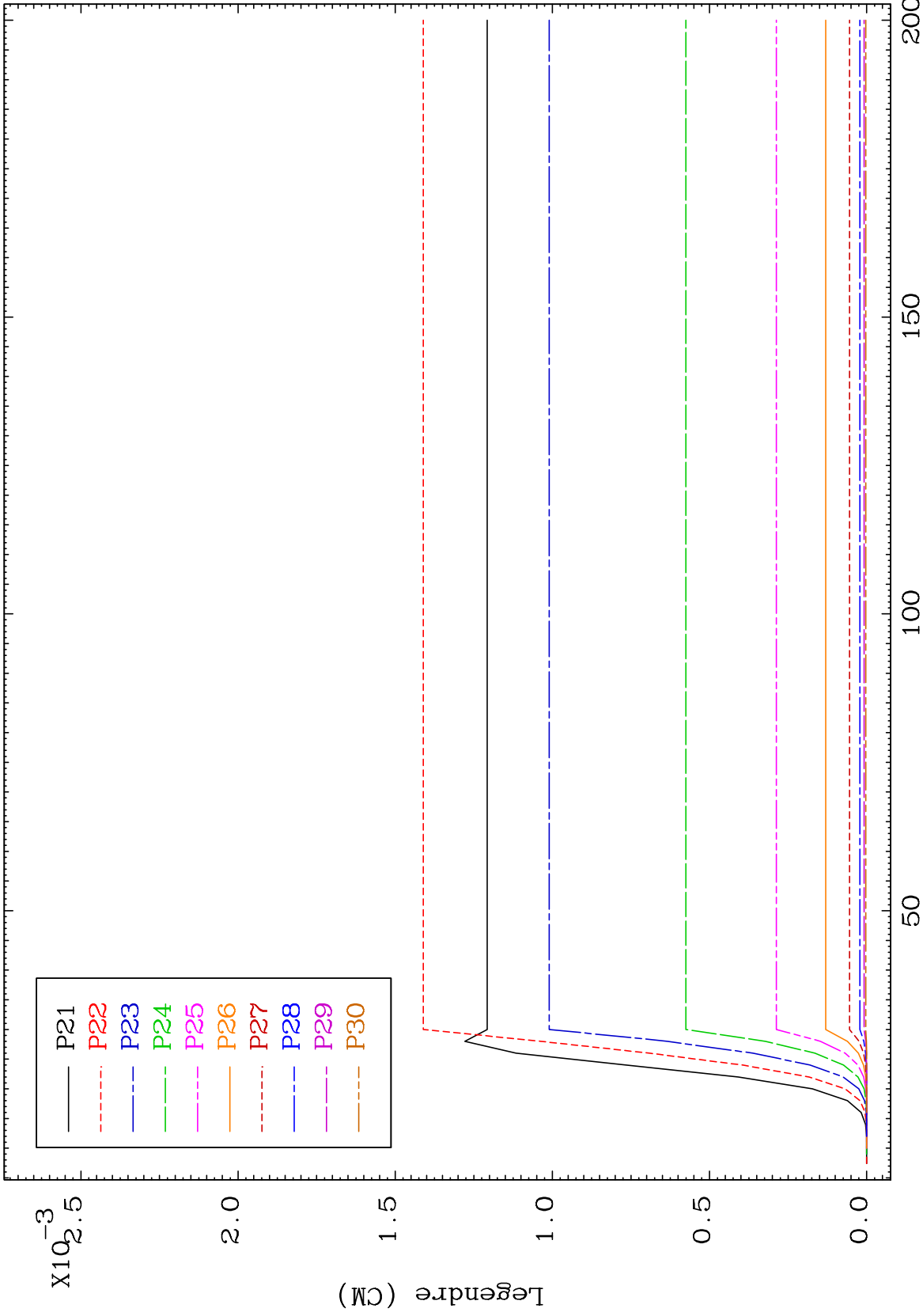
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



34

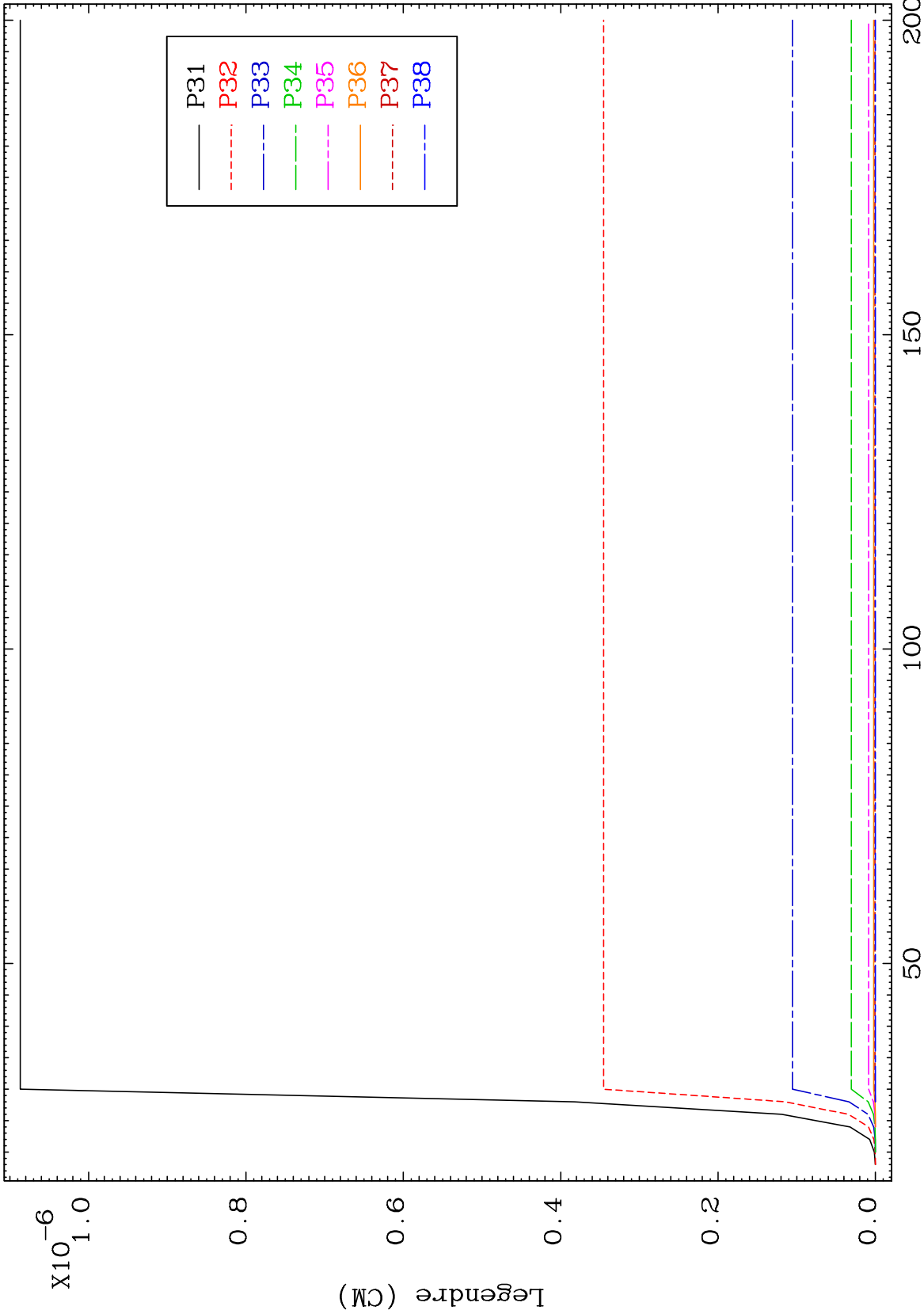
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



35

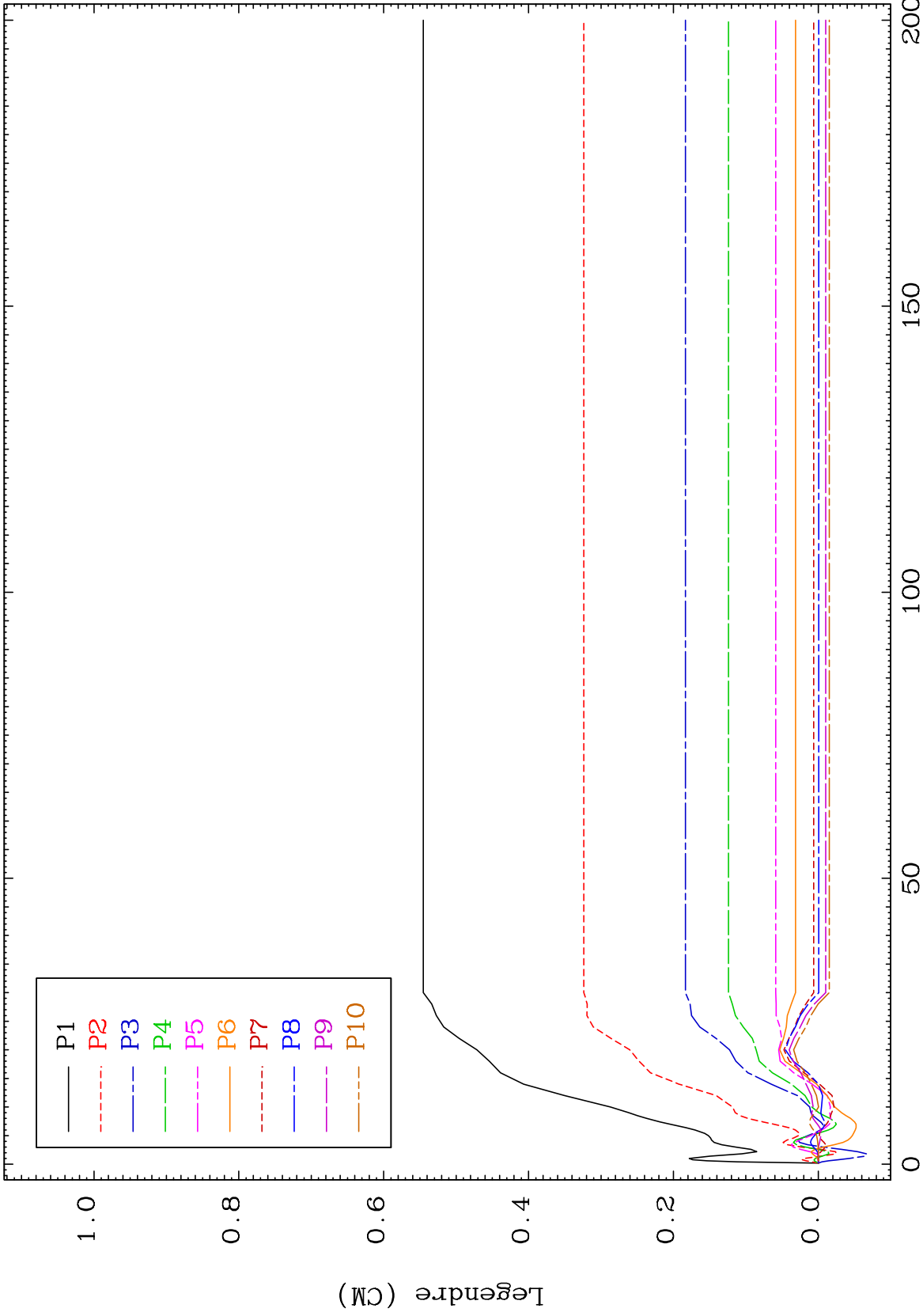
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



36

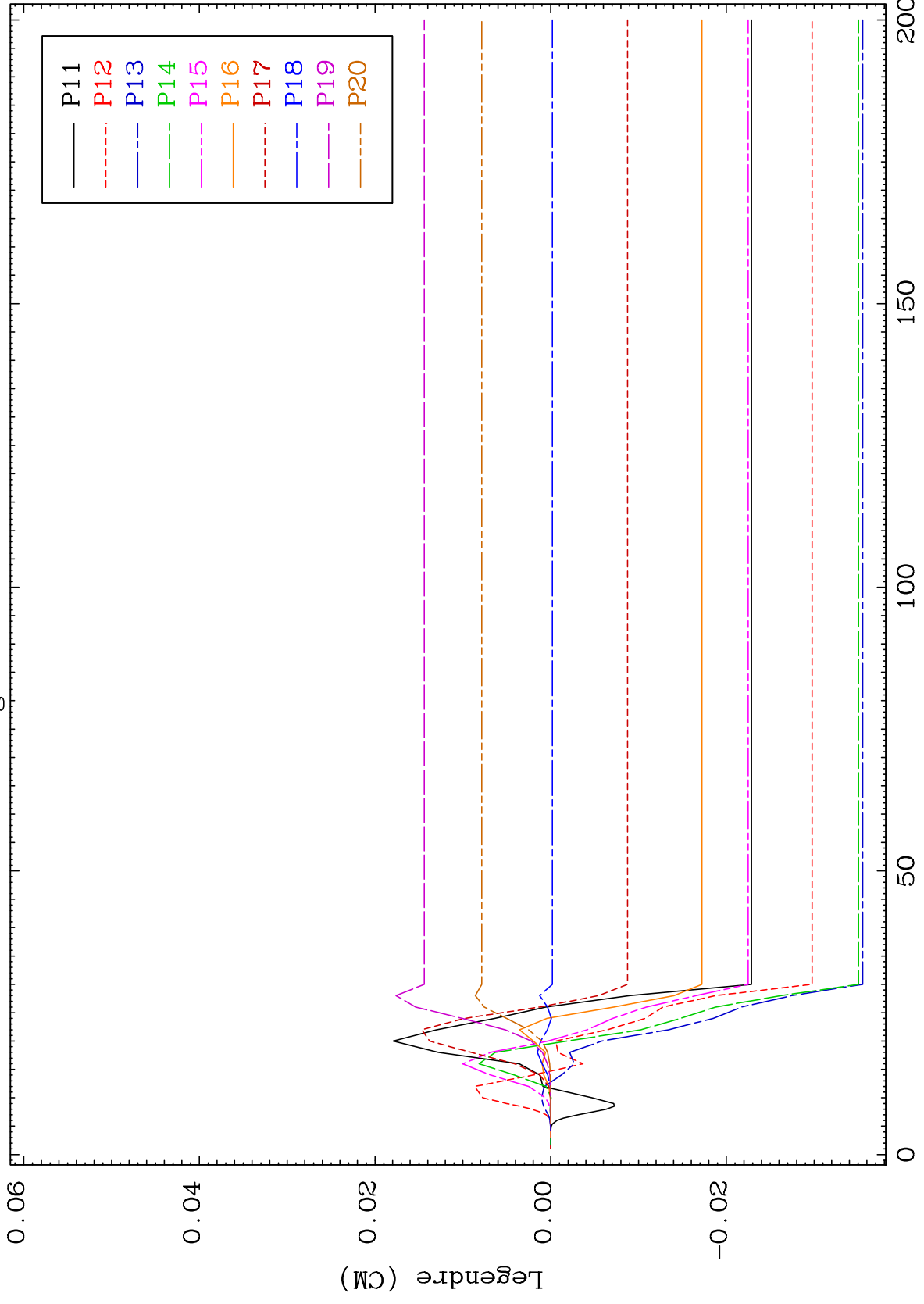
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



37

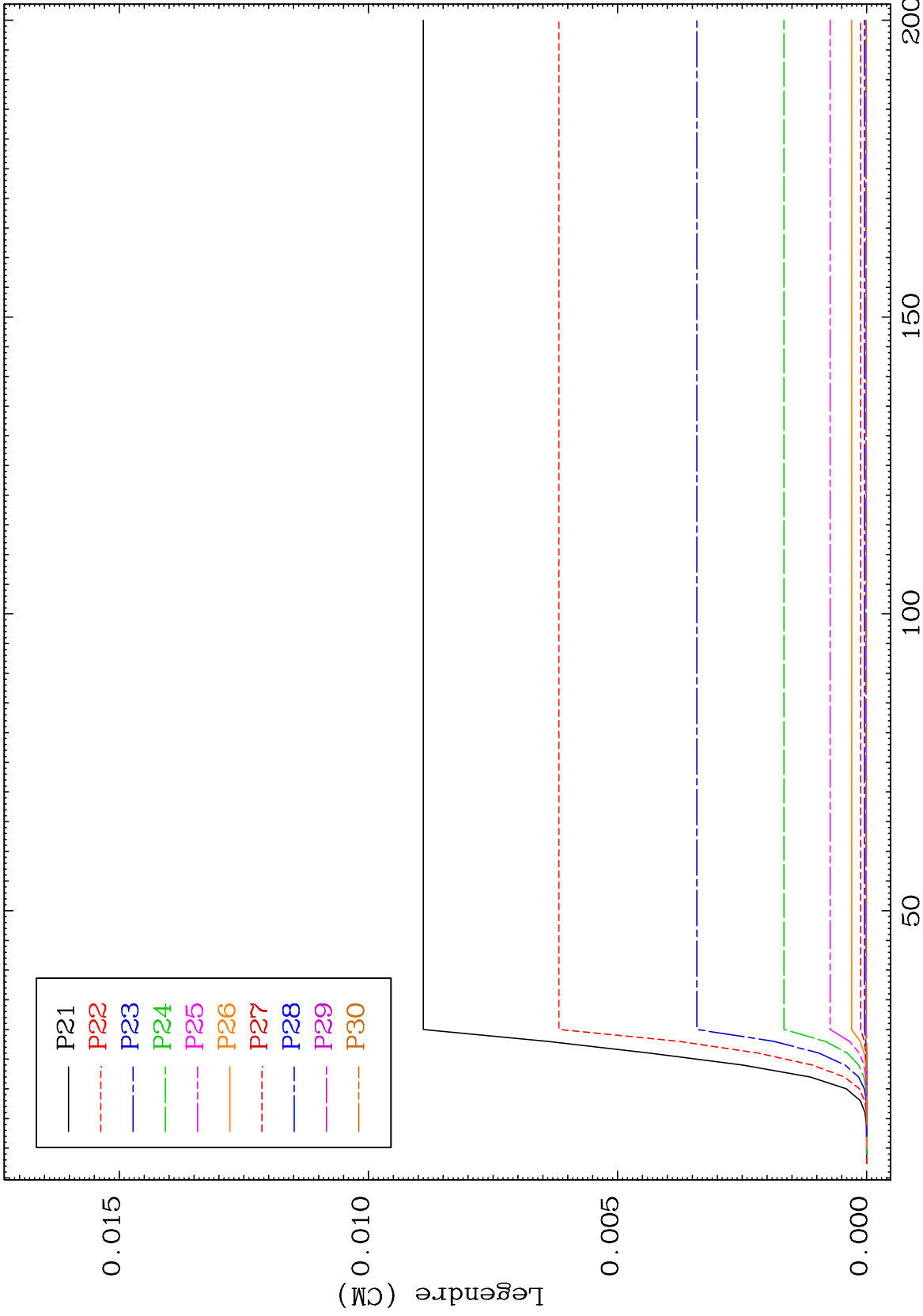
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



38

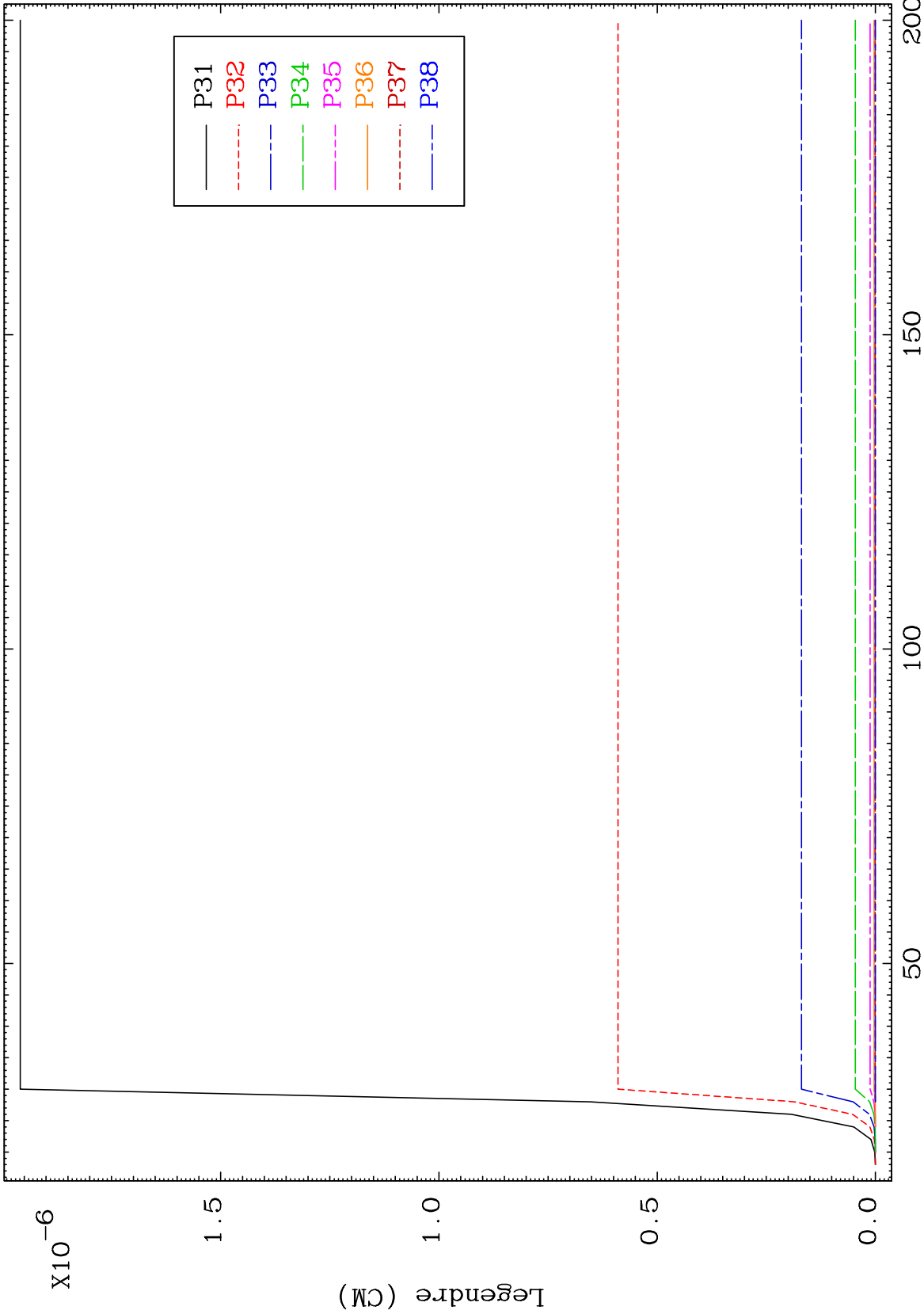
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



39

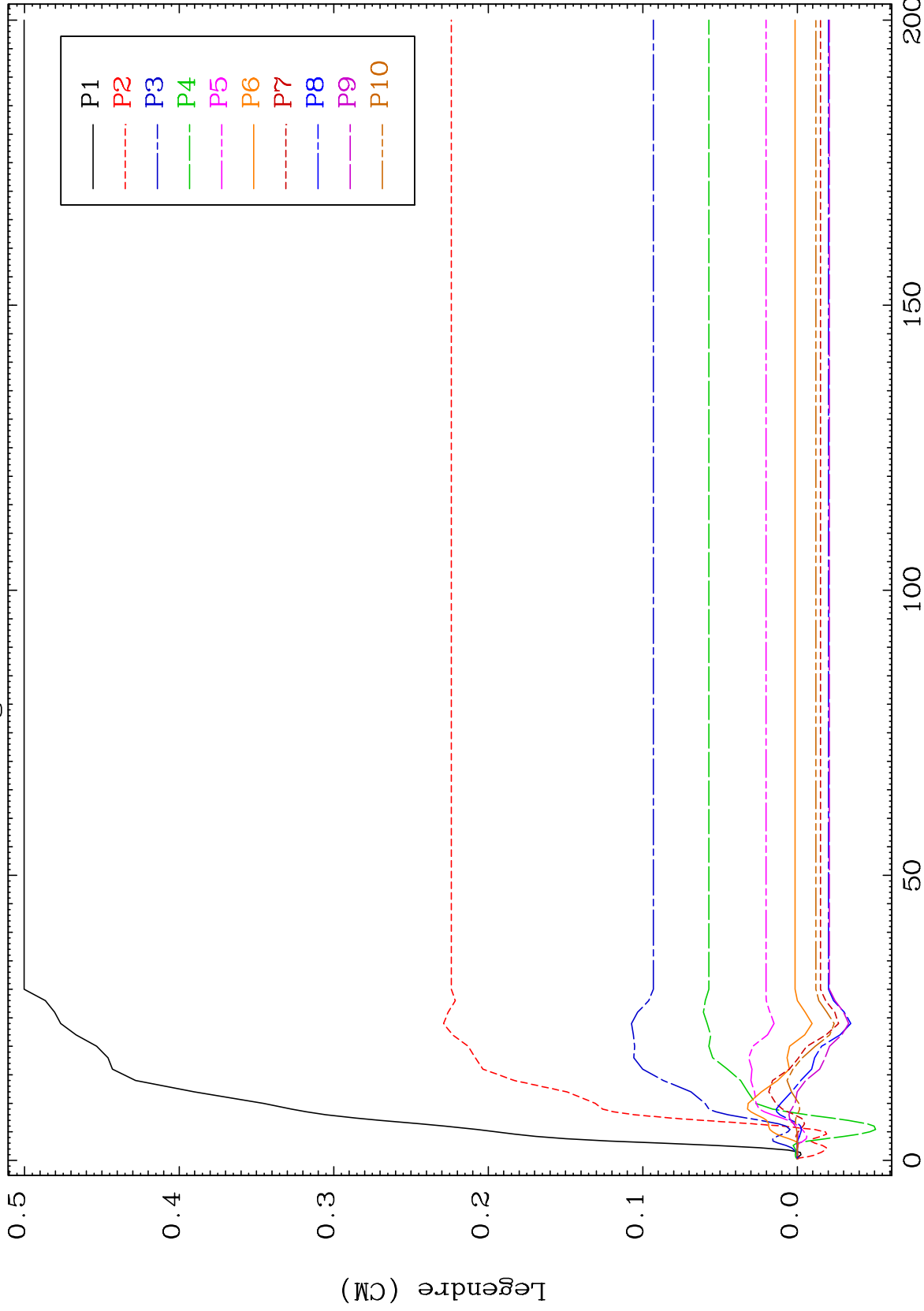
79-Au-185



MAT 7889

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

79-Au-185



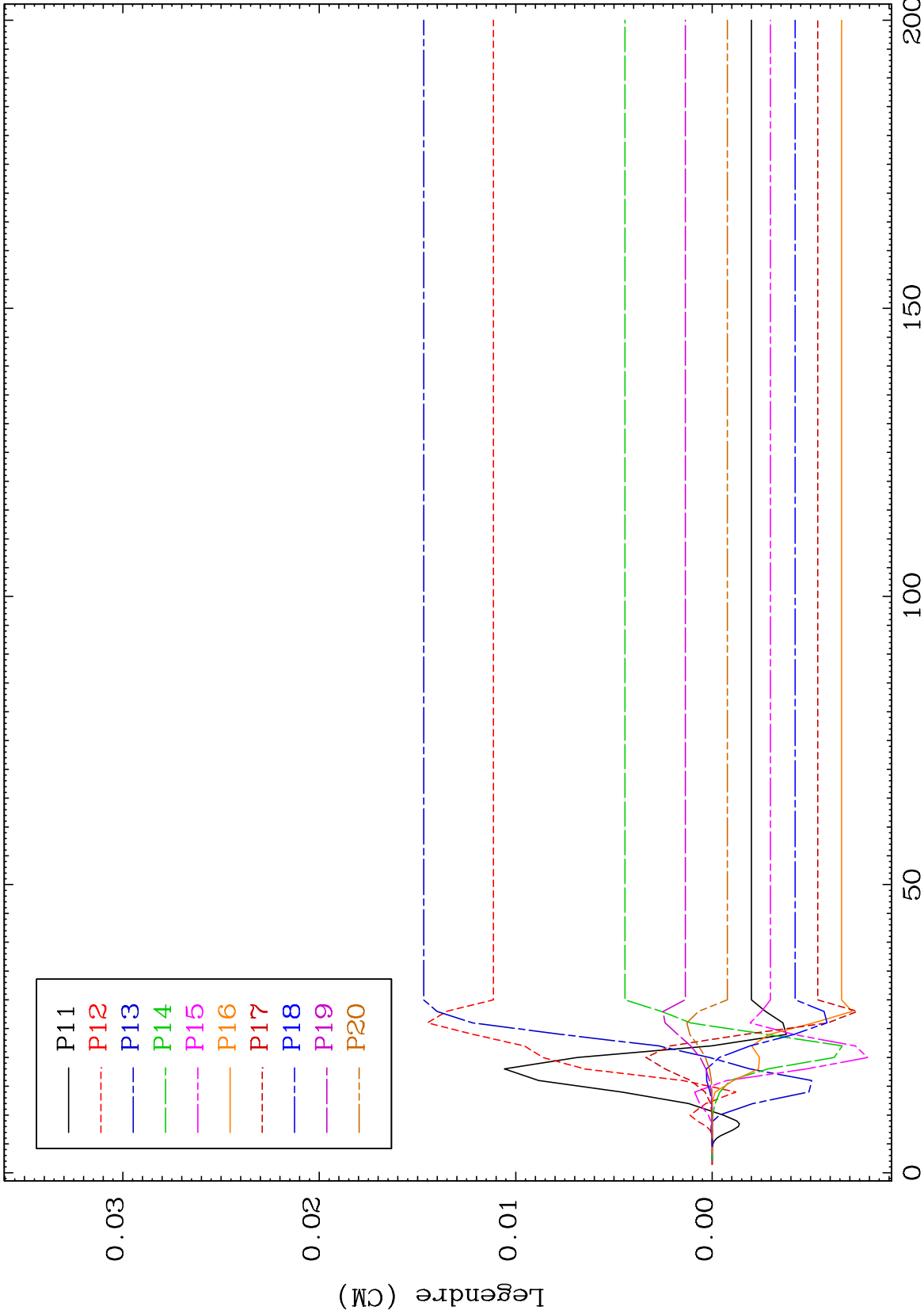
Incident Energy (MeV)

79-Au-185

MAT 7889

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

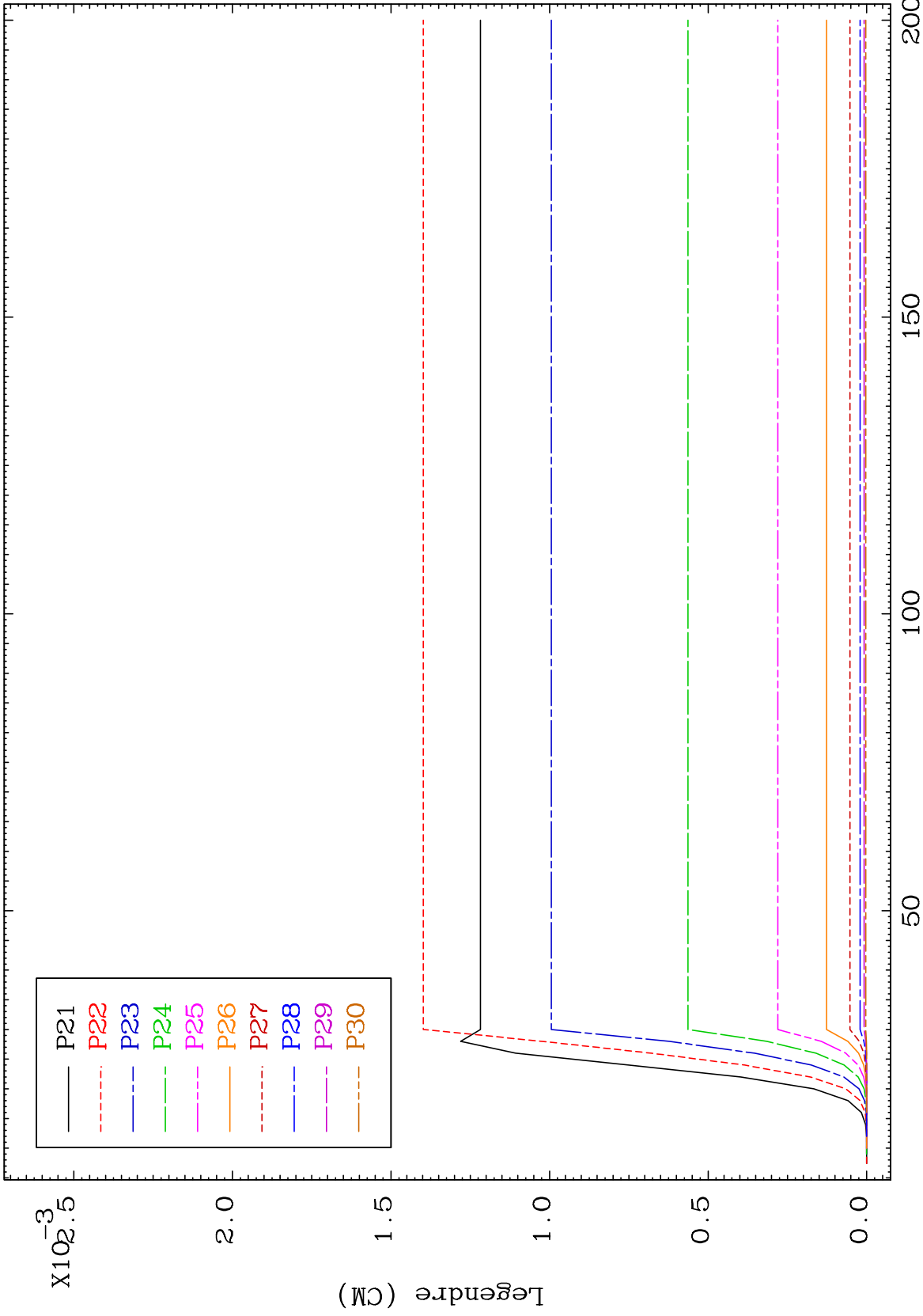
79-Au-185



MAT 7889

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

79-Au-185



42

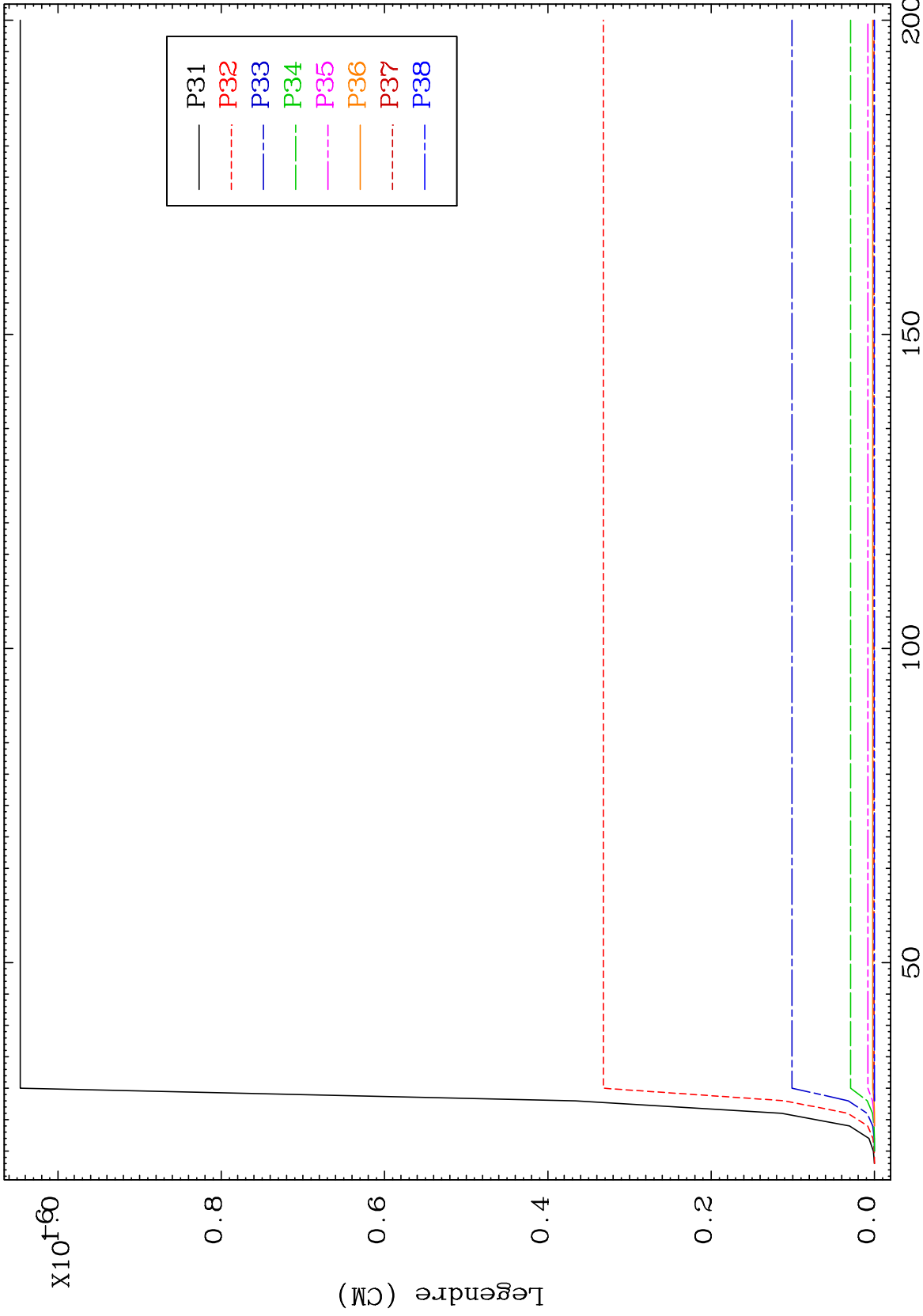
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



43

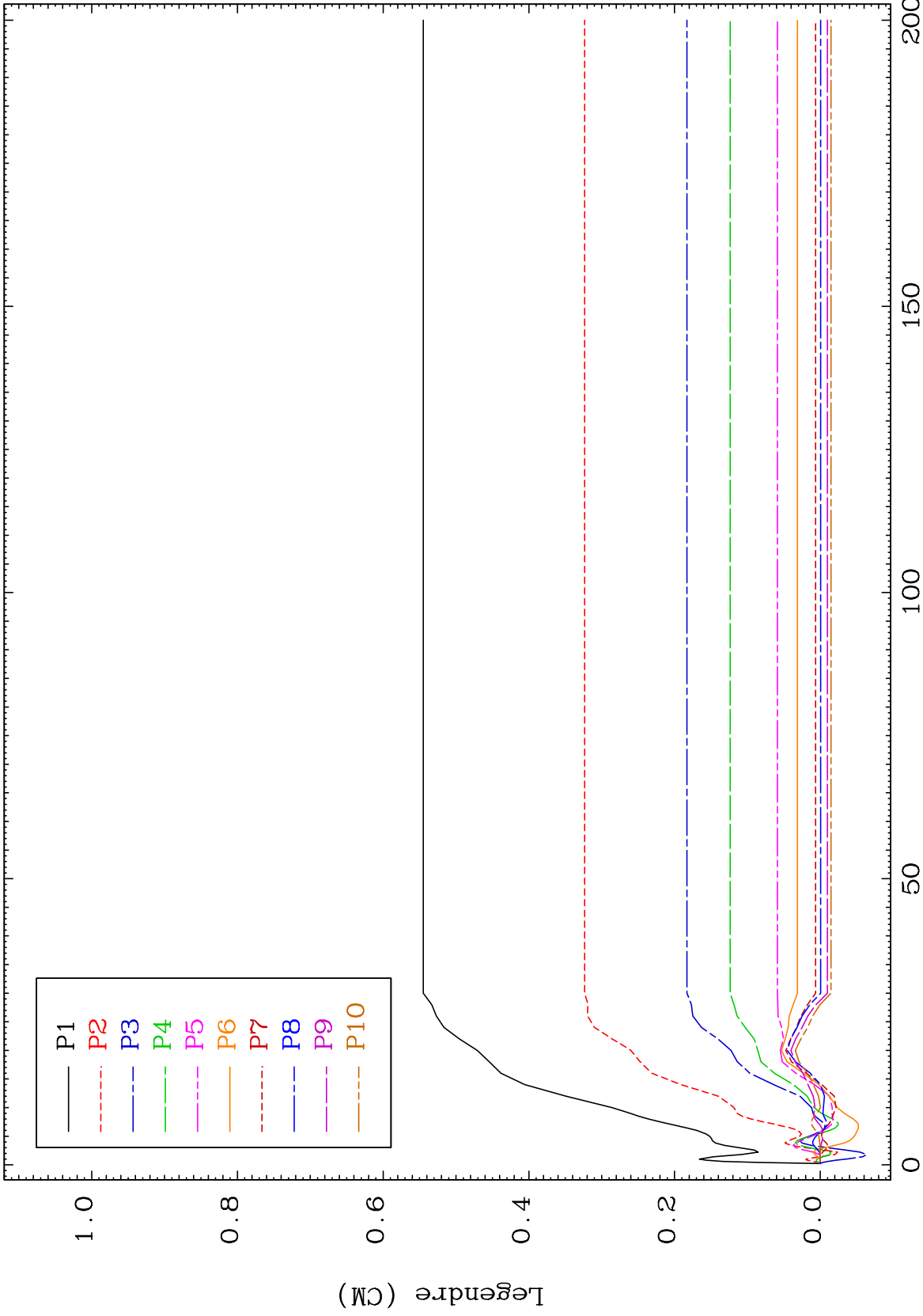
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



44

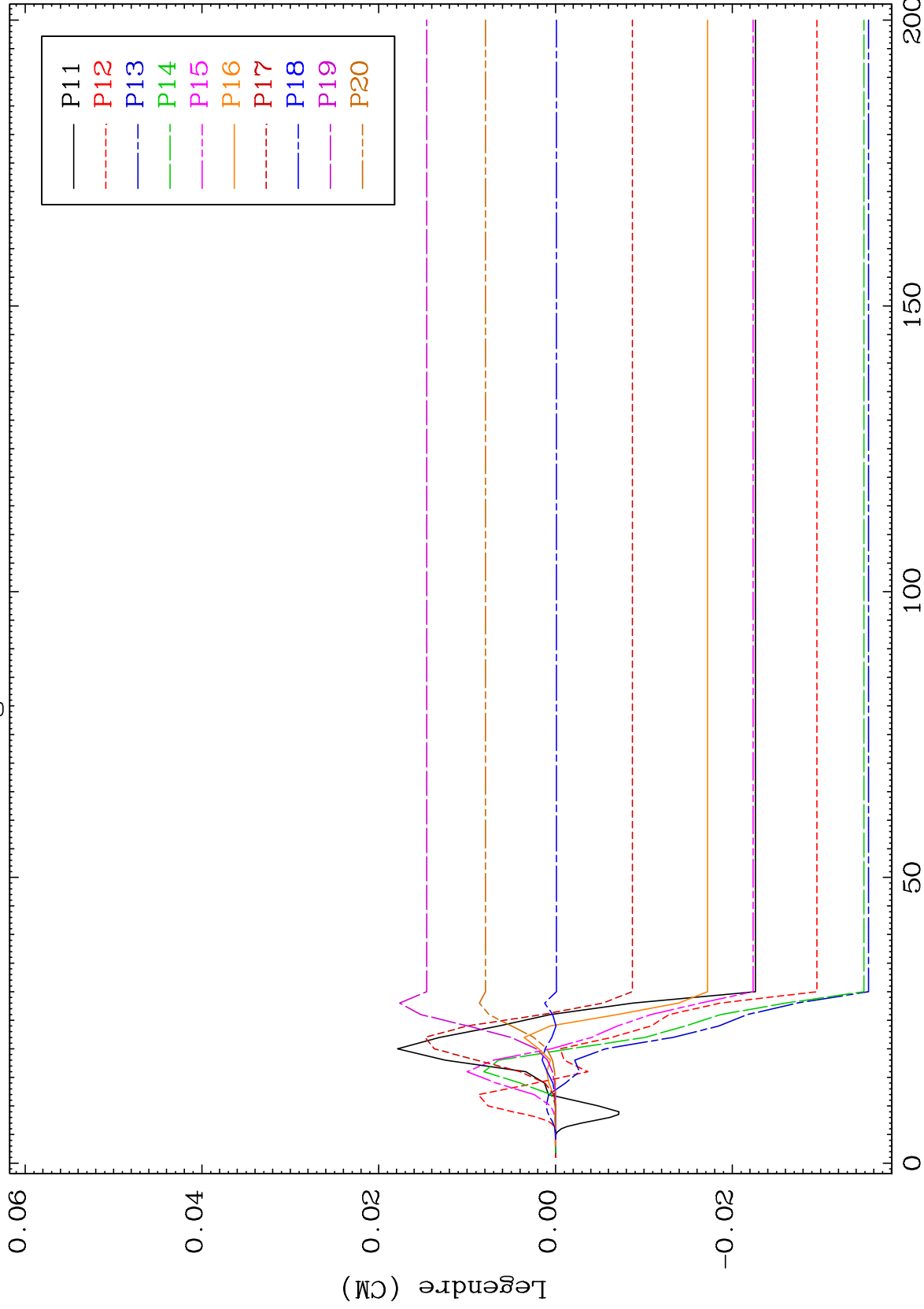
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



45

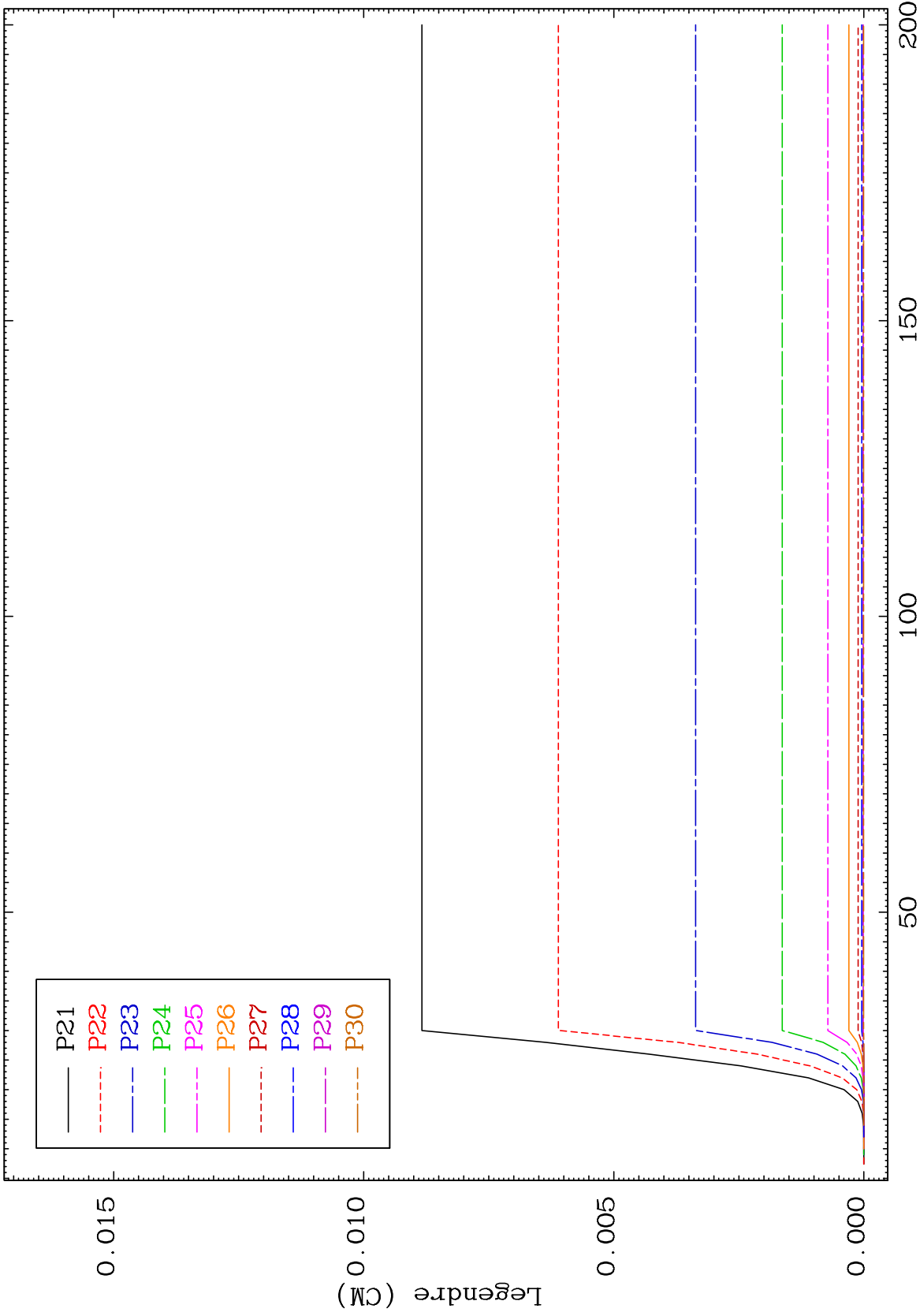
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



46

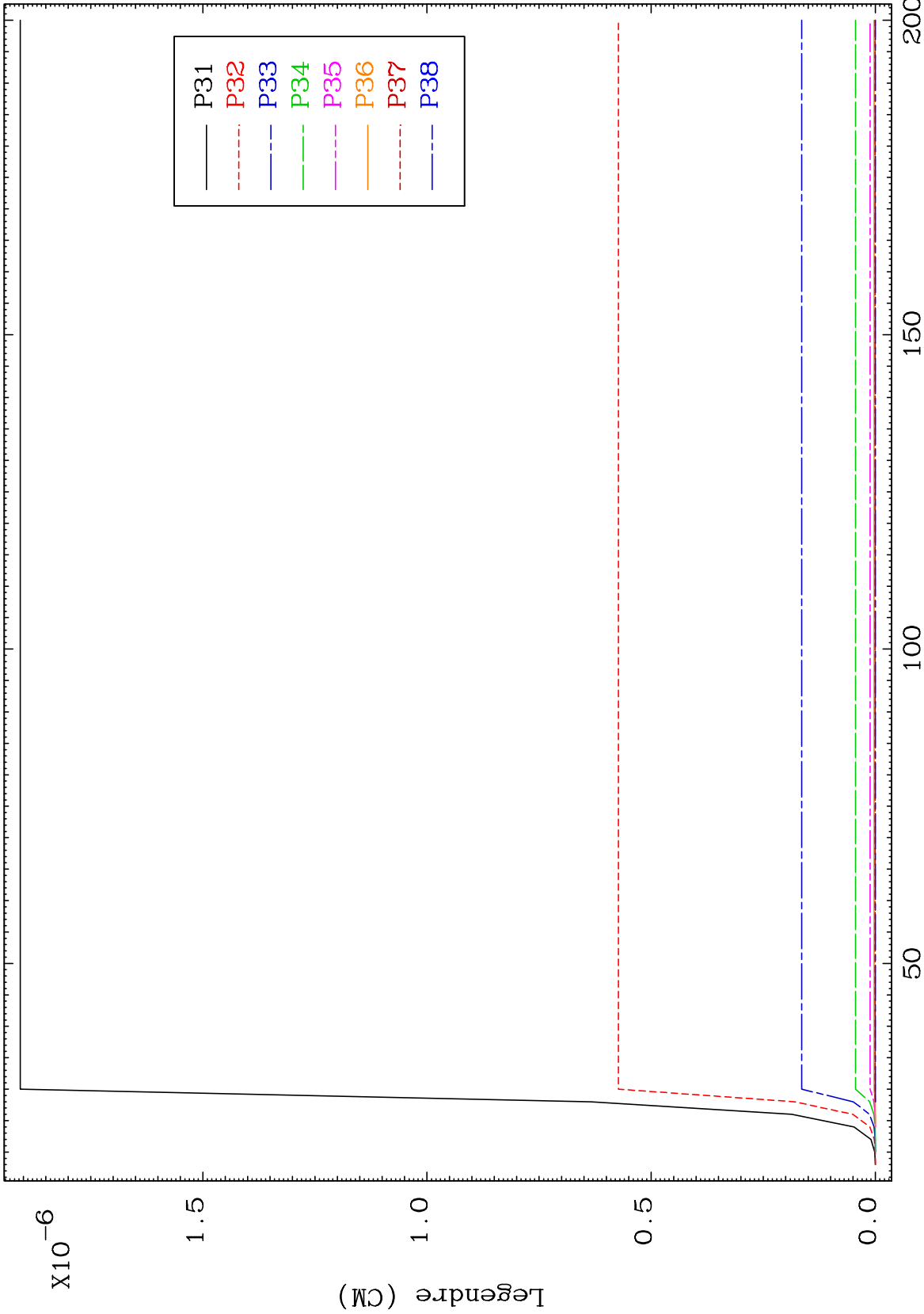
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



47

Incident Energy (MeV)

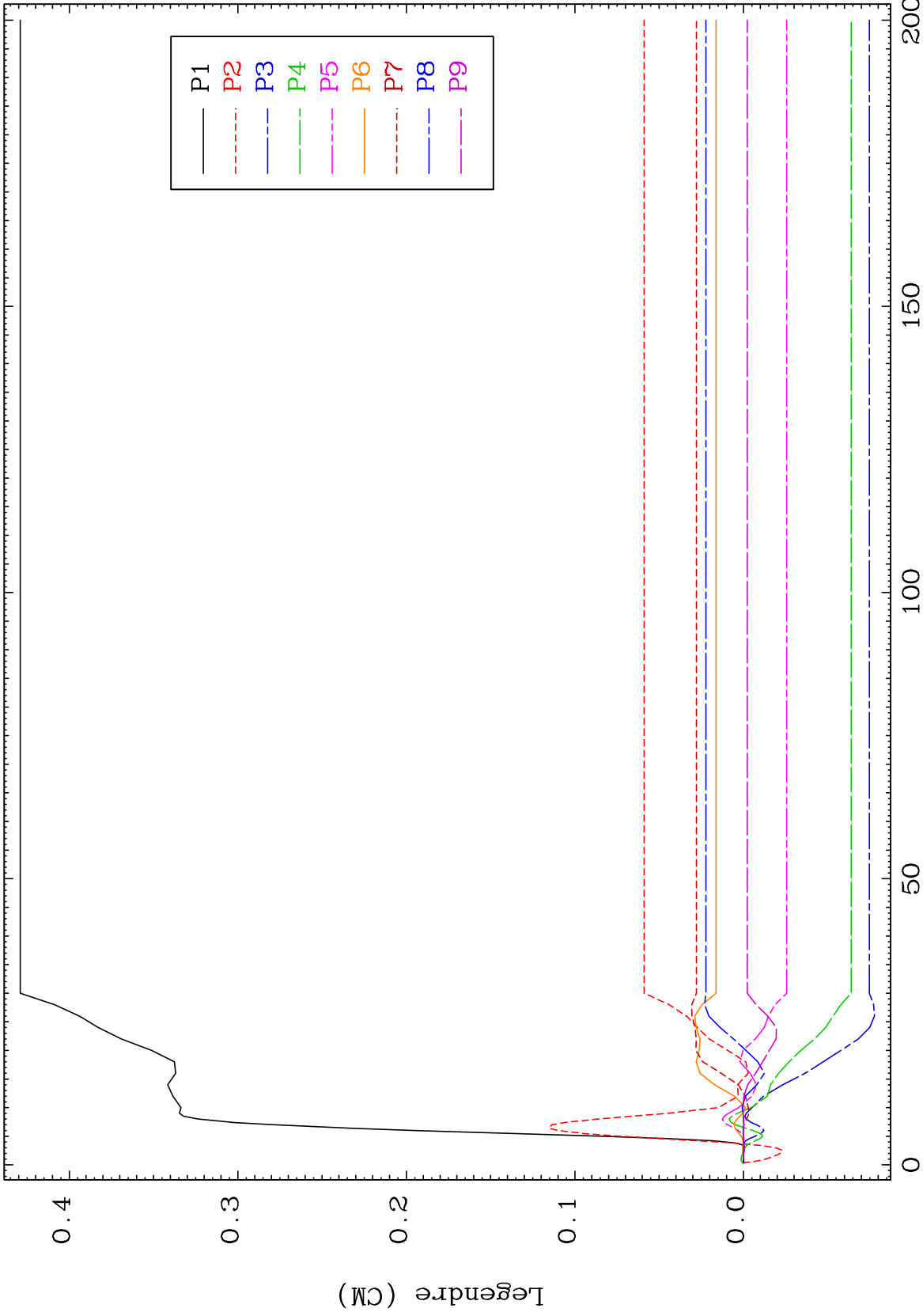
79-Au-185



MAT 7889

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

79-Au-185



48

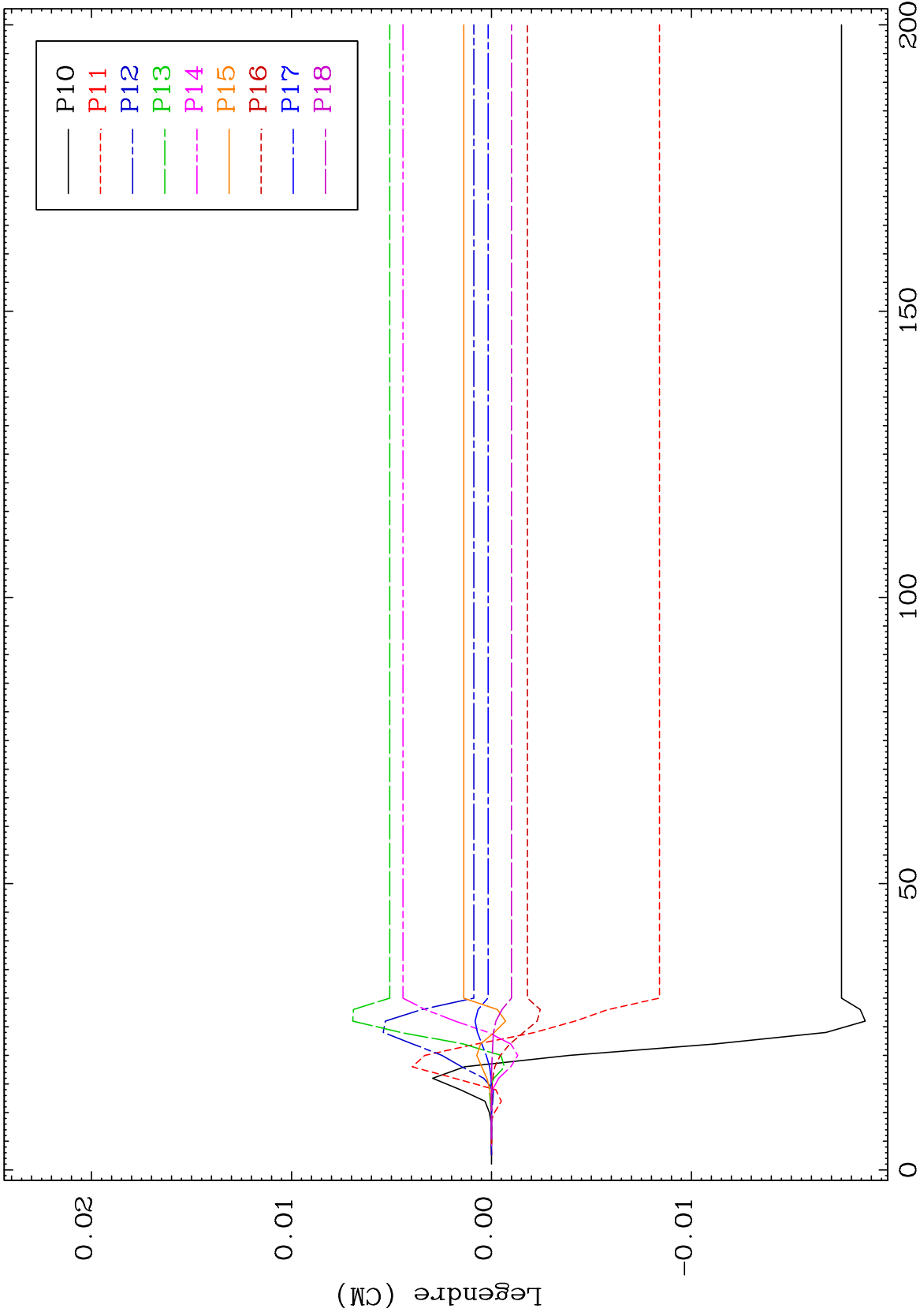
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



49

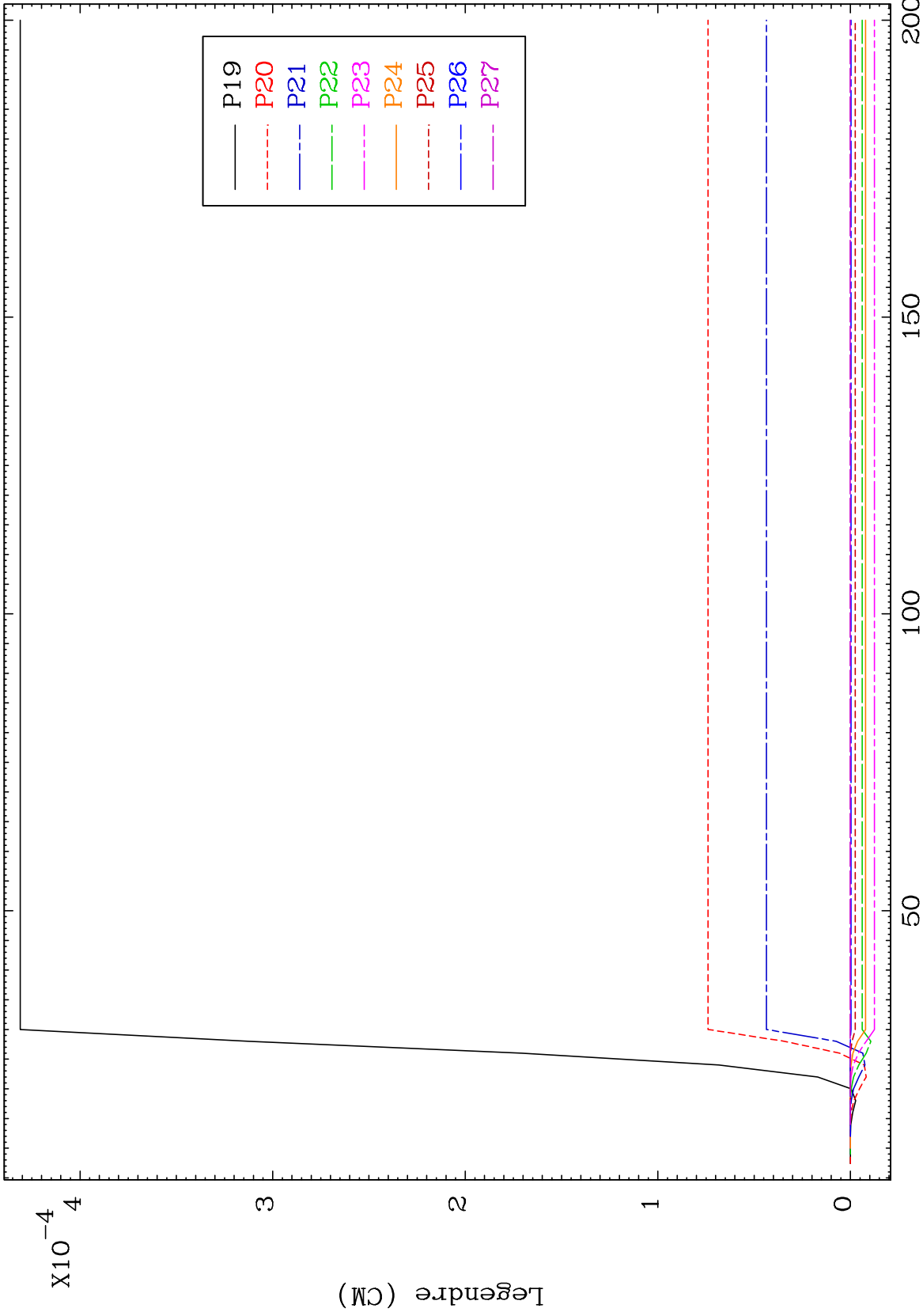
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



50

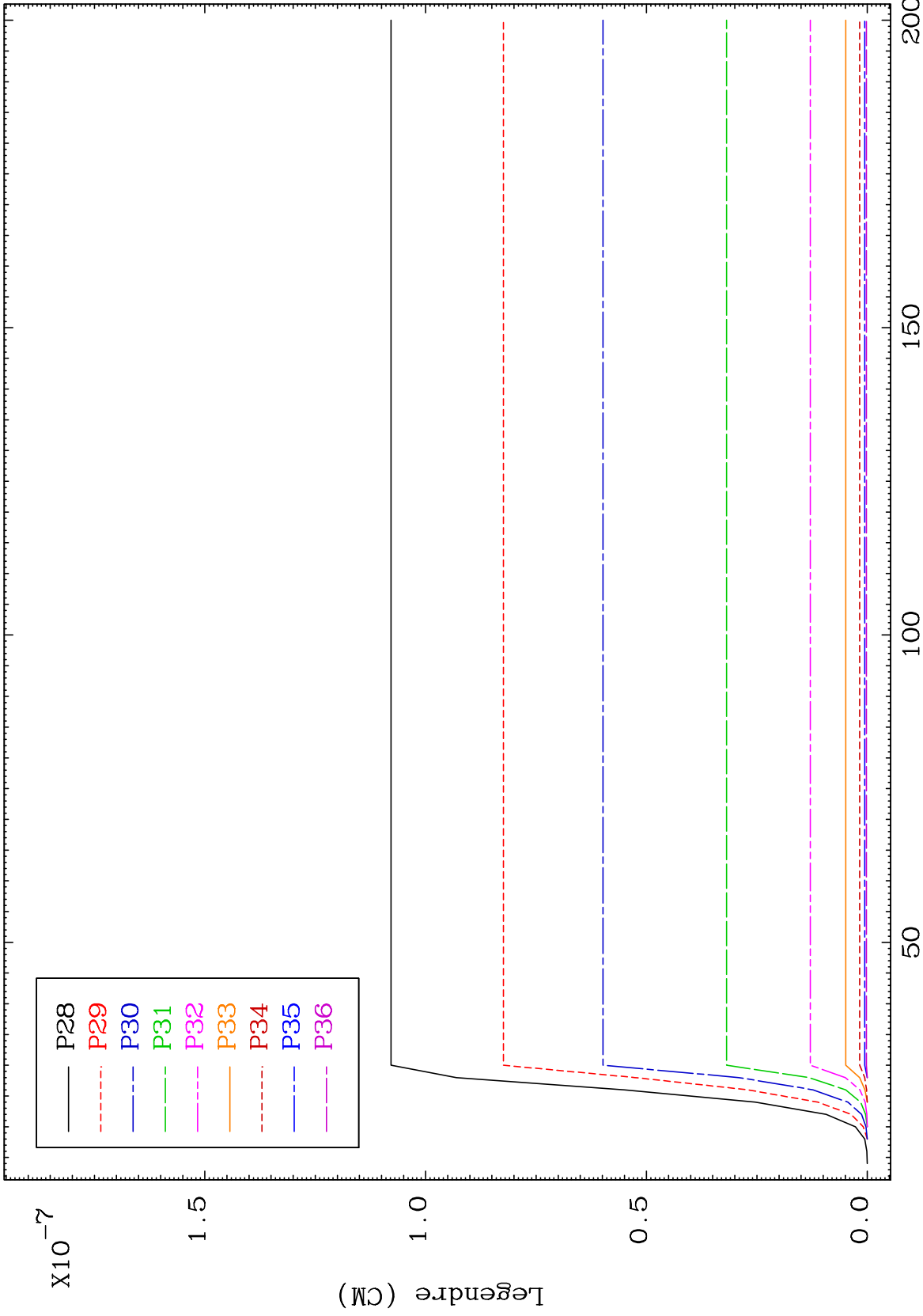
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



51

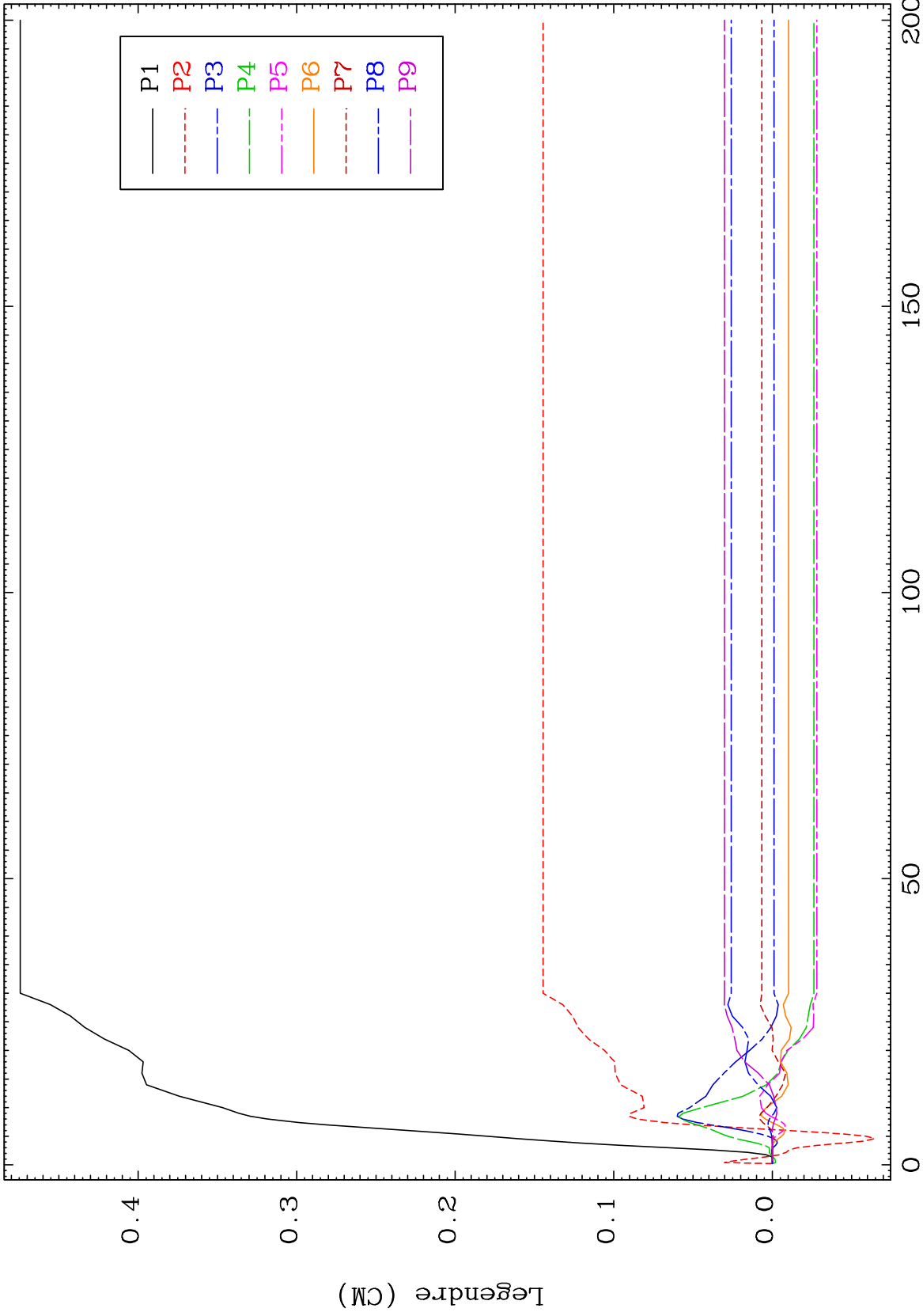
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



52

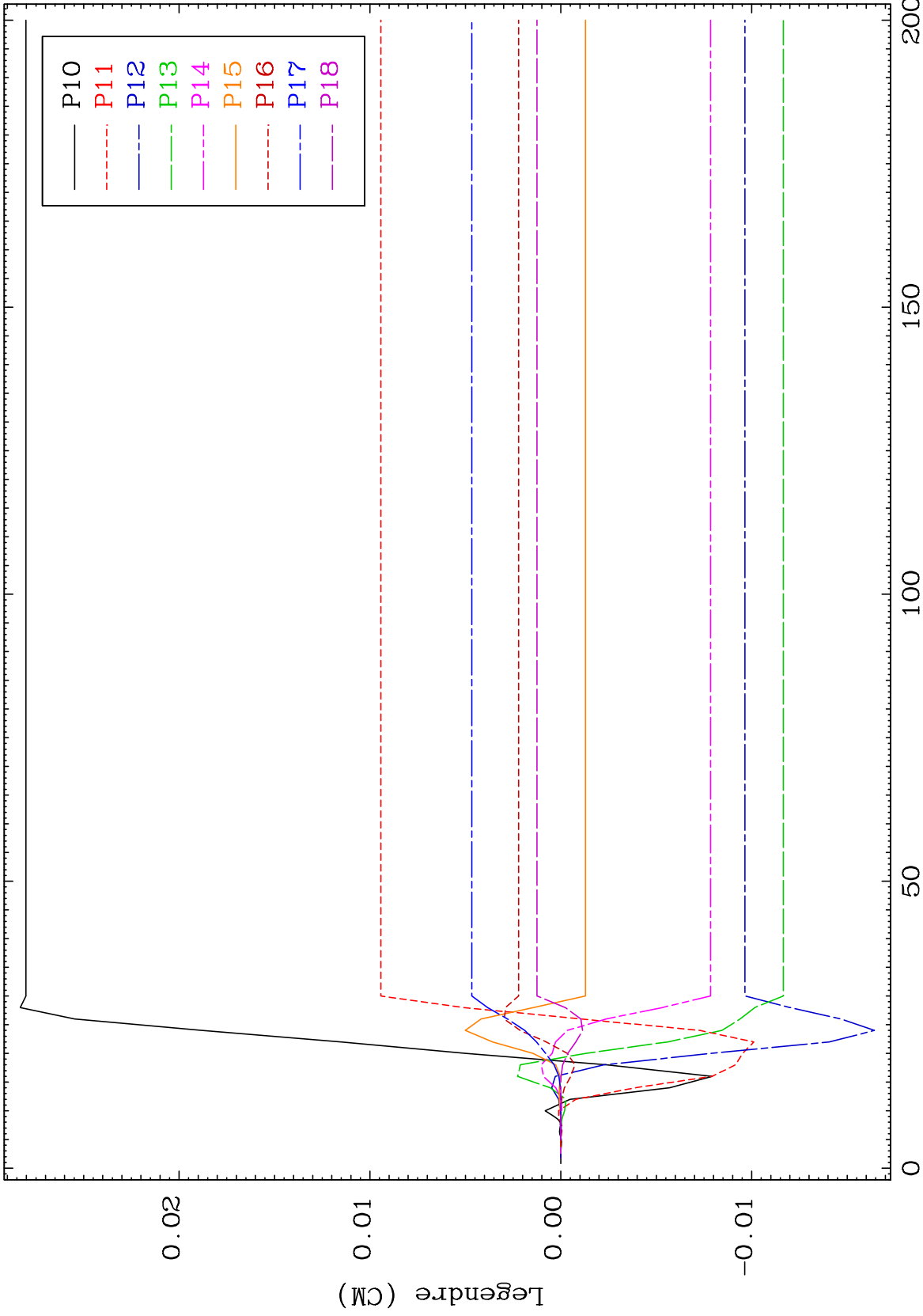
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



53

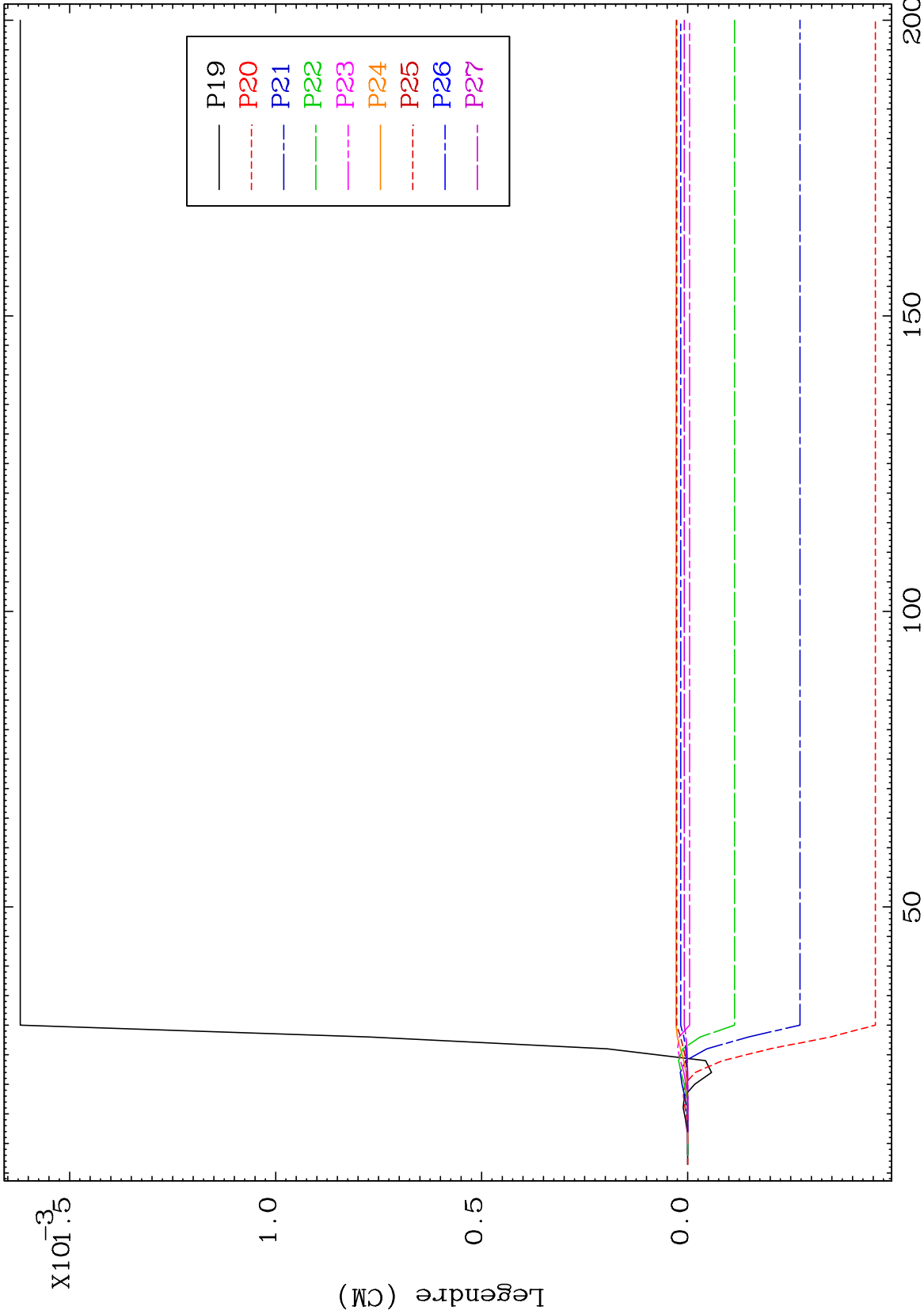
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



54

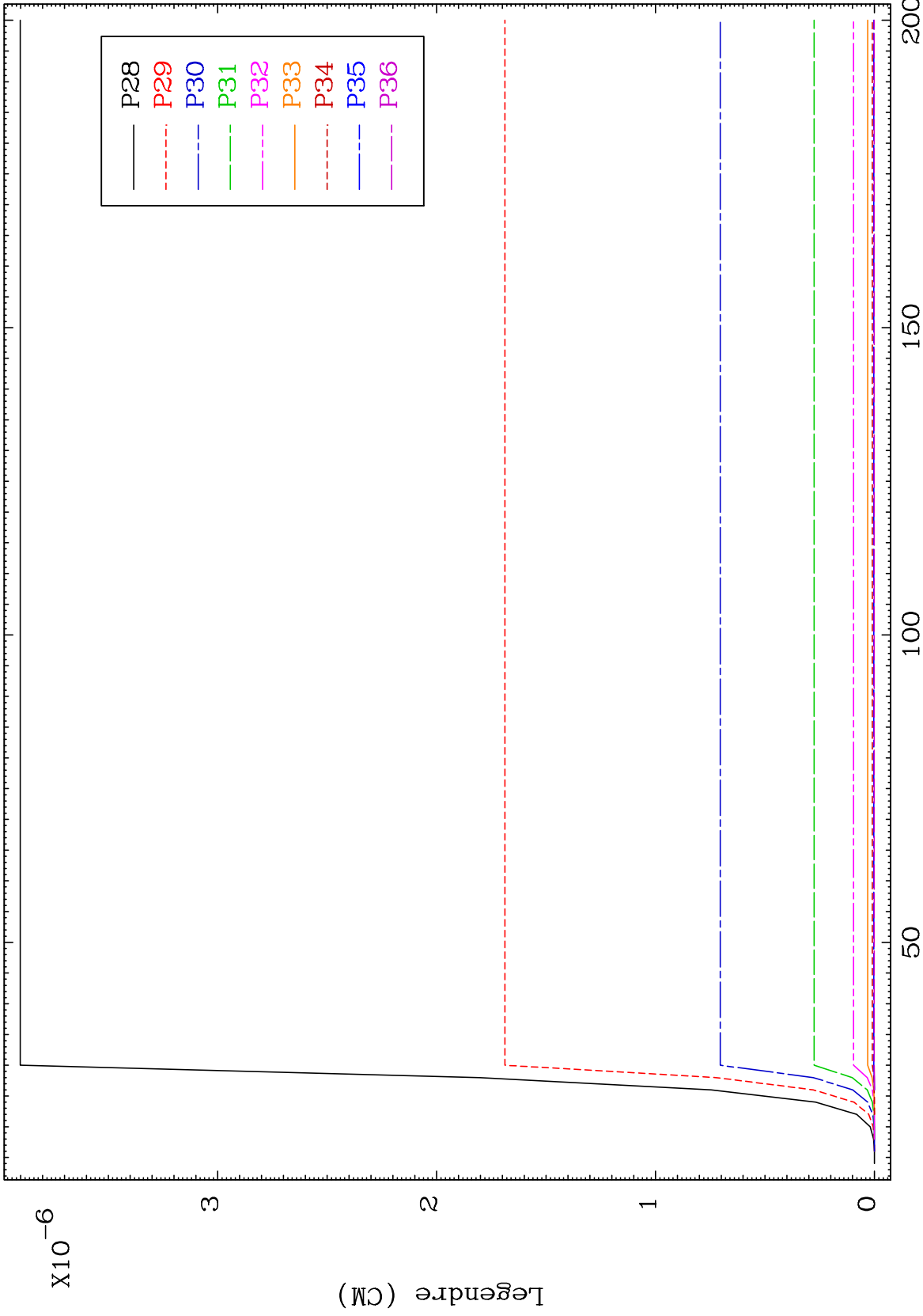
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



55

Incident Energy (MeV)

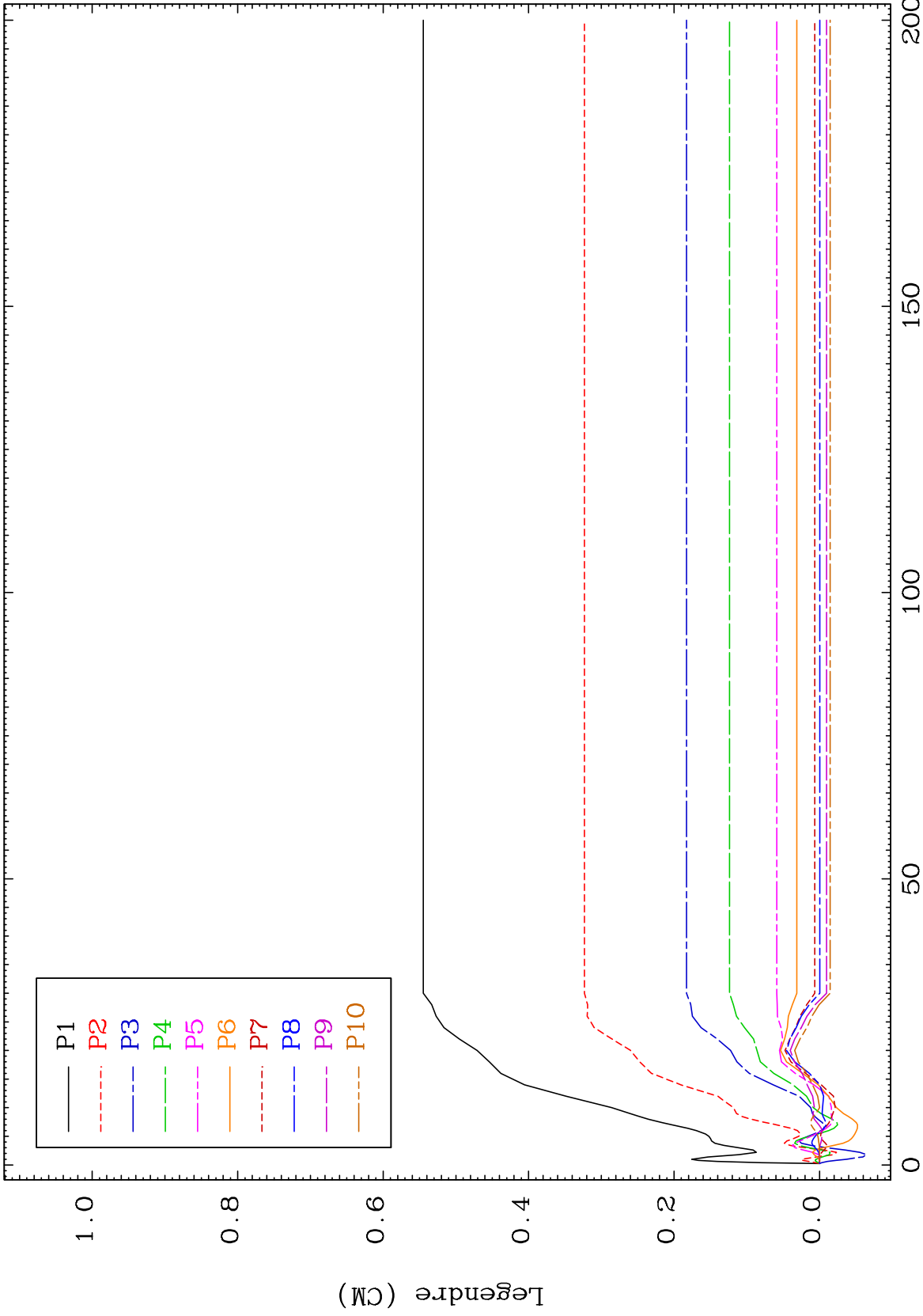
79-Au-185



MAT 7889

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

79-Au-185



56

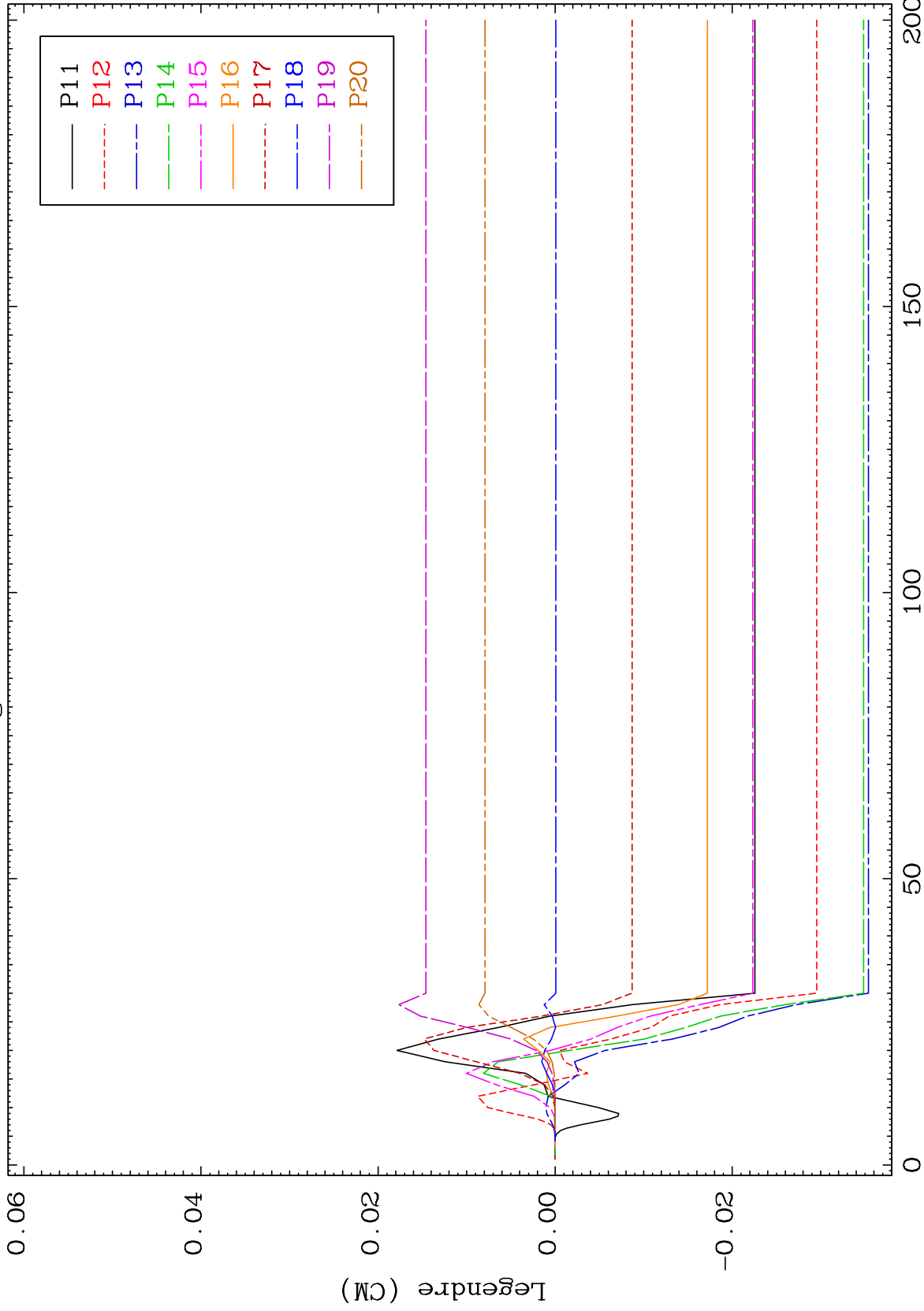
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



57

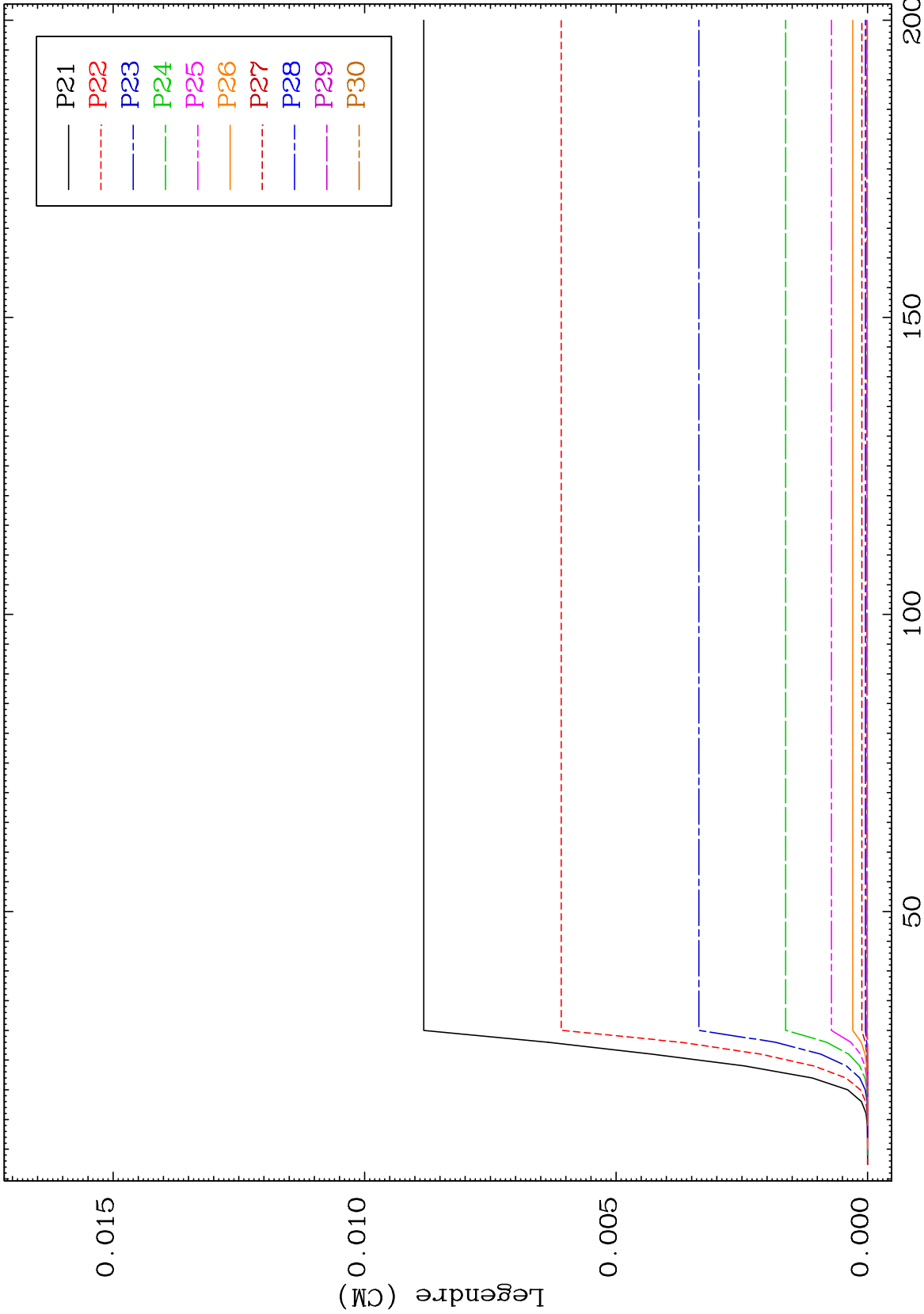
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



58

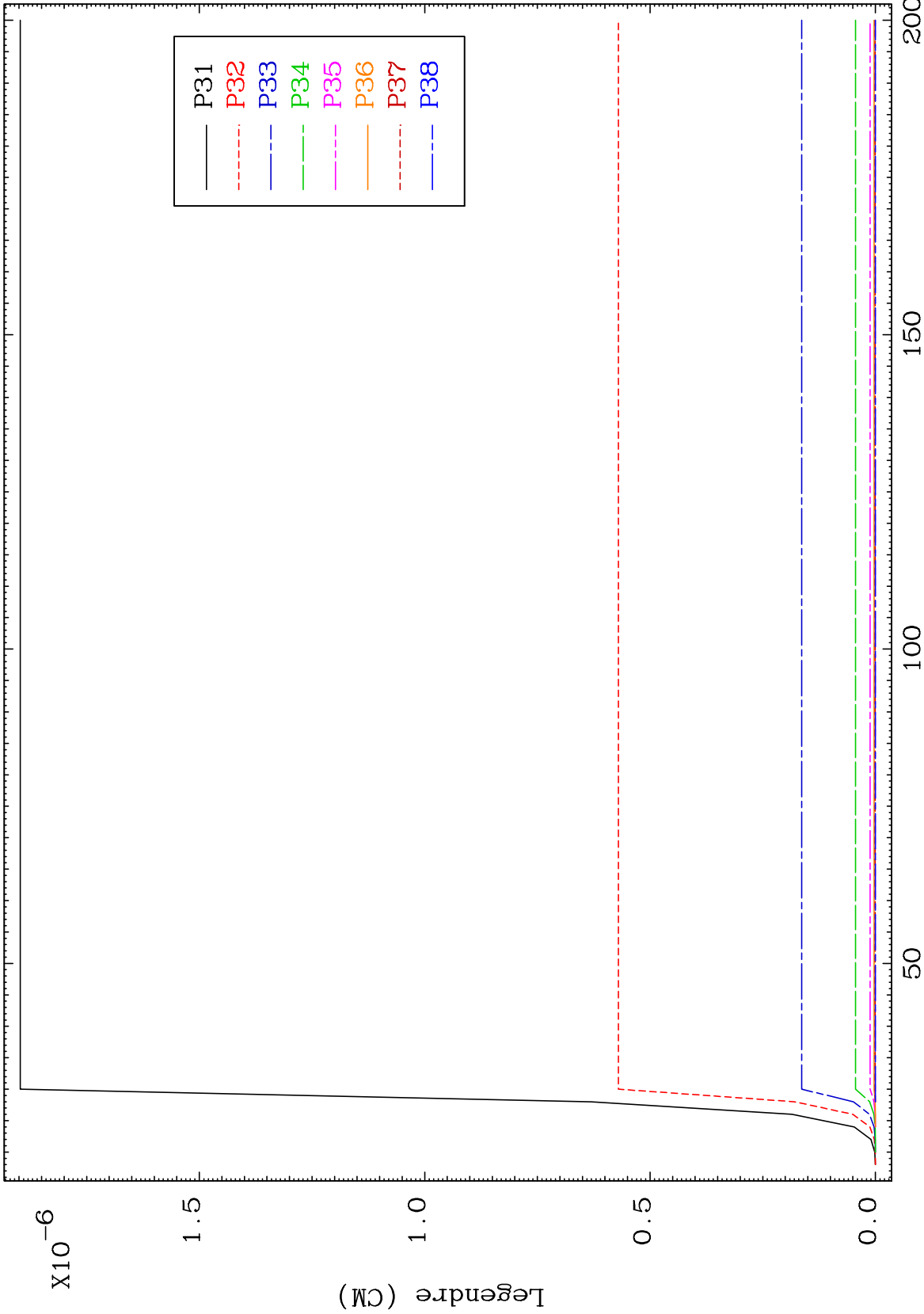
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



59

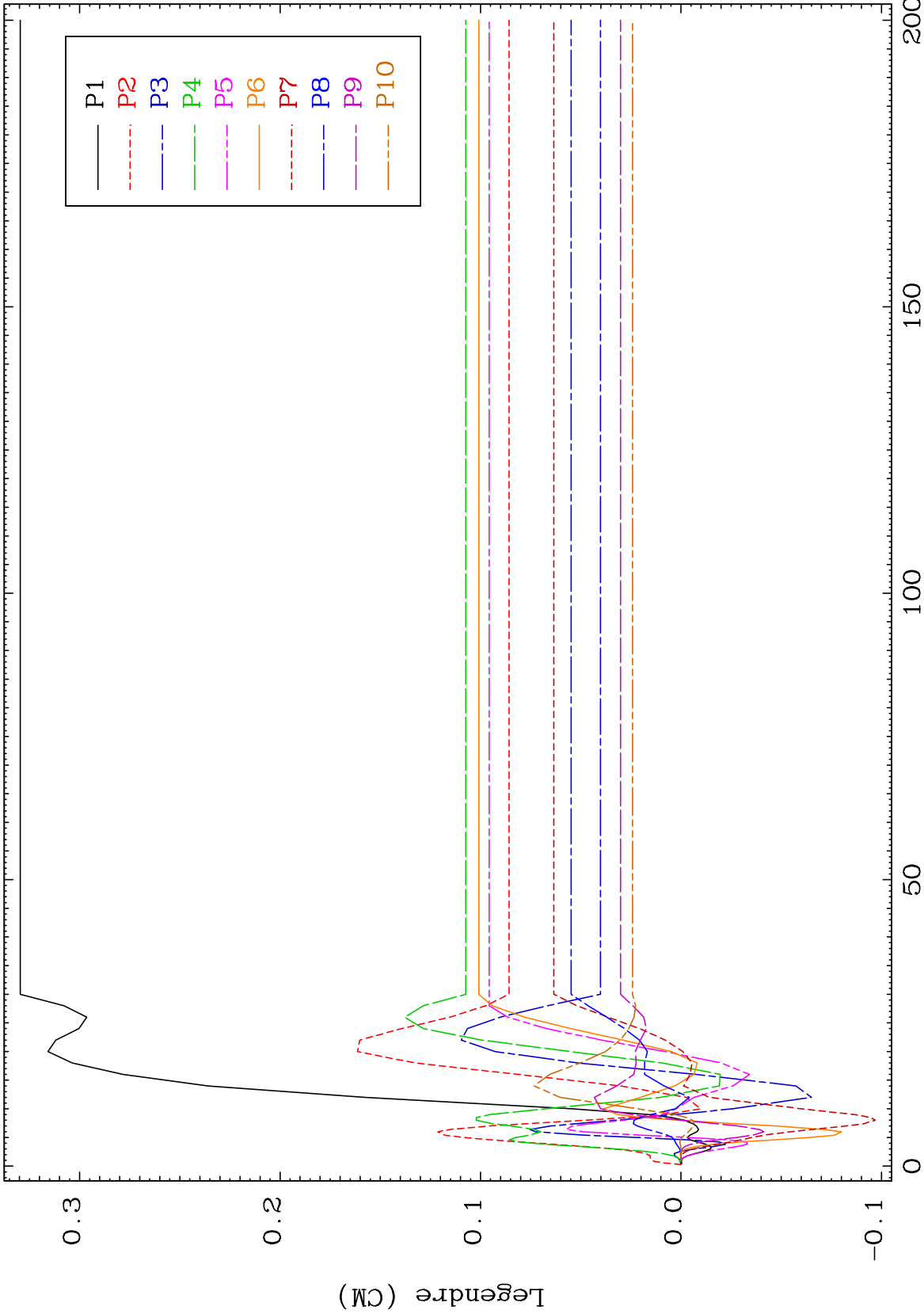
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



79-Au-185

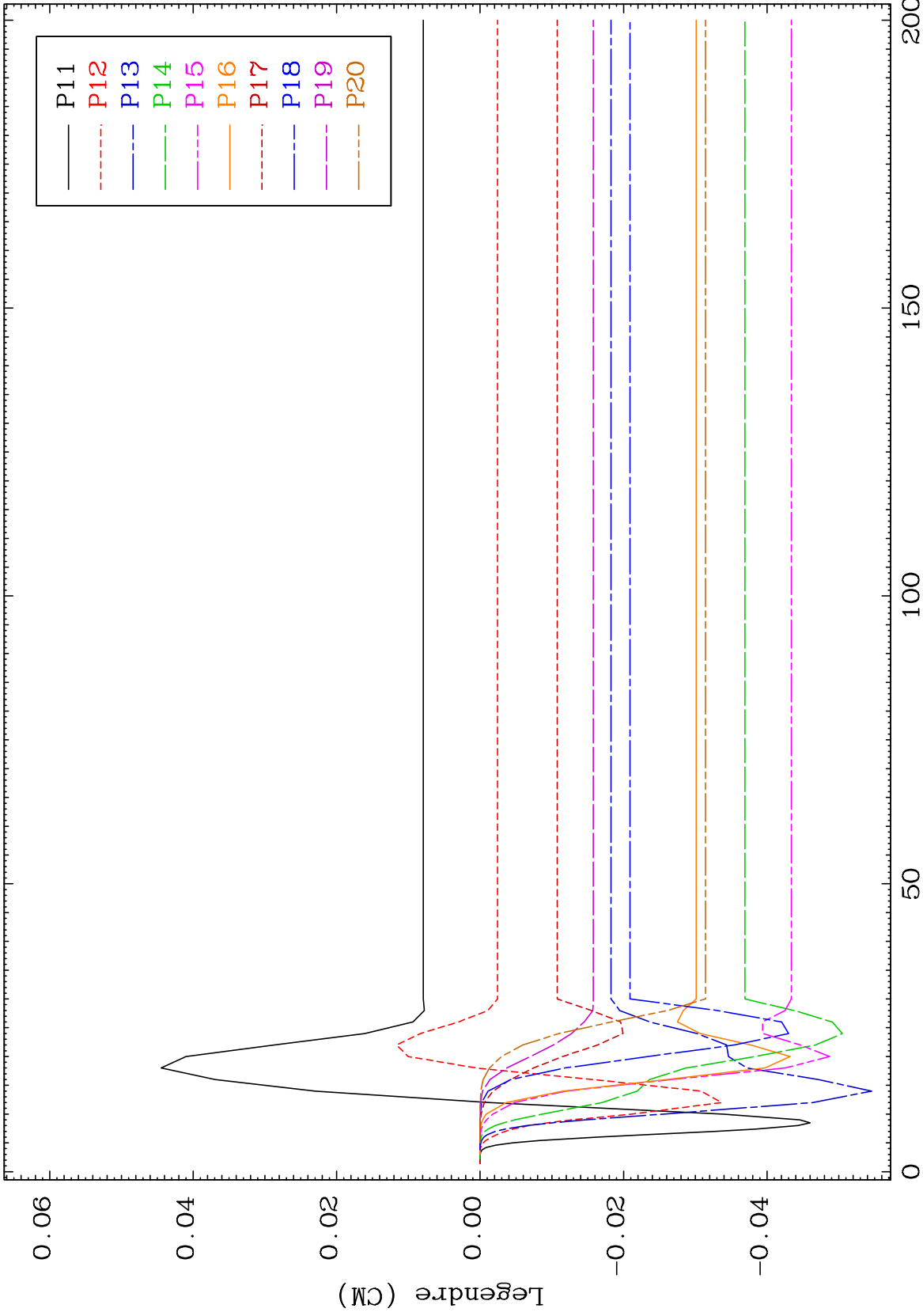
Incident Energy (MeV)

60

MAT 7889

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

79-Au-185



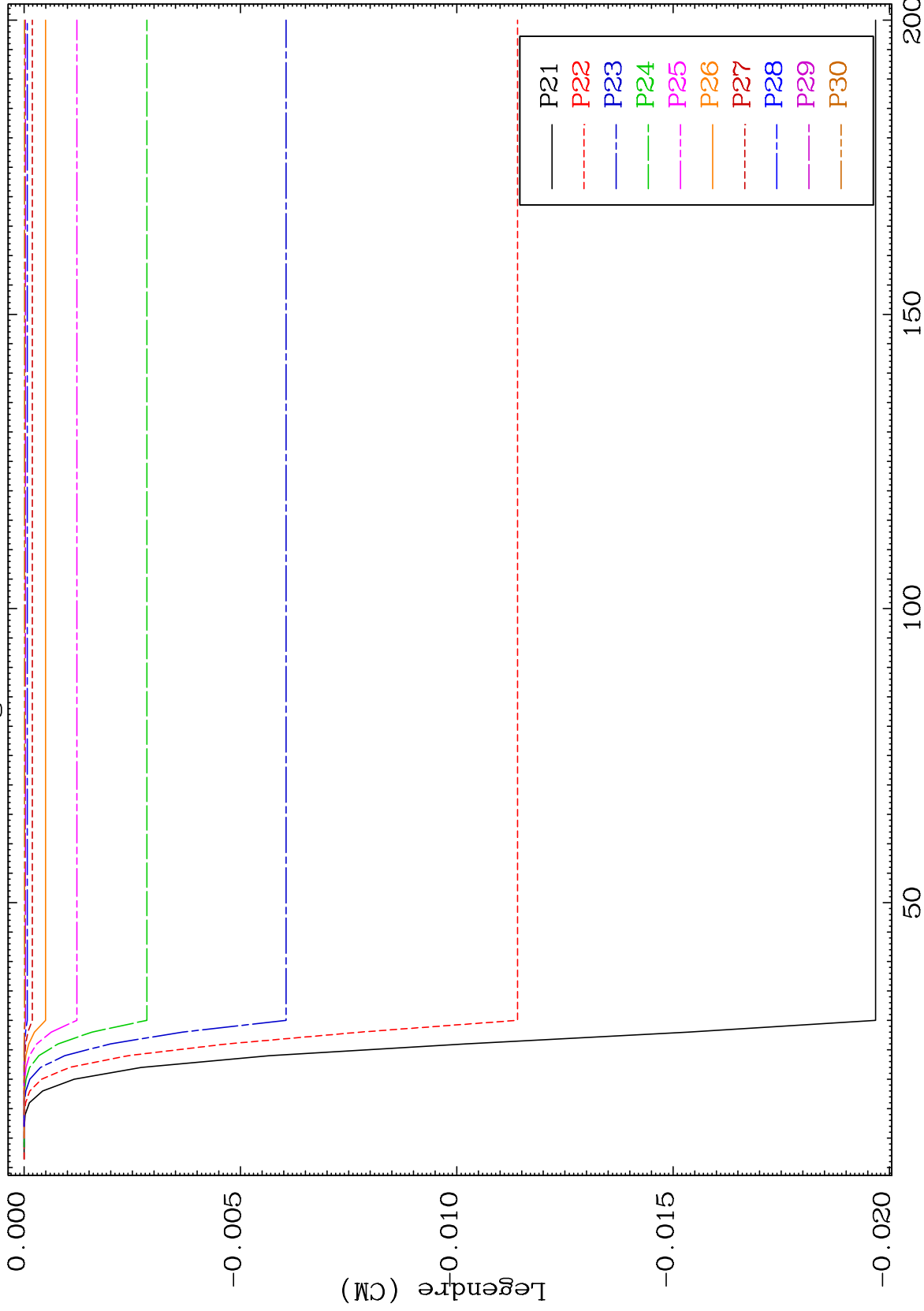
61

79-Au-185

MAT 7889

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

79-Au-185



62

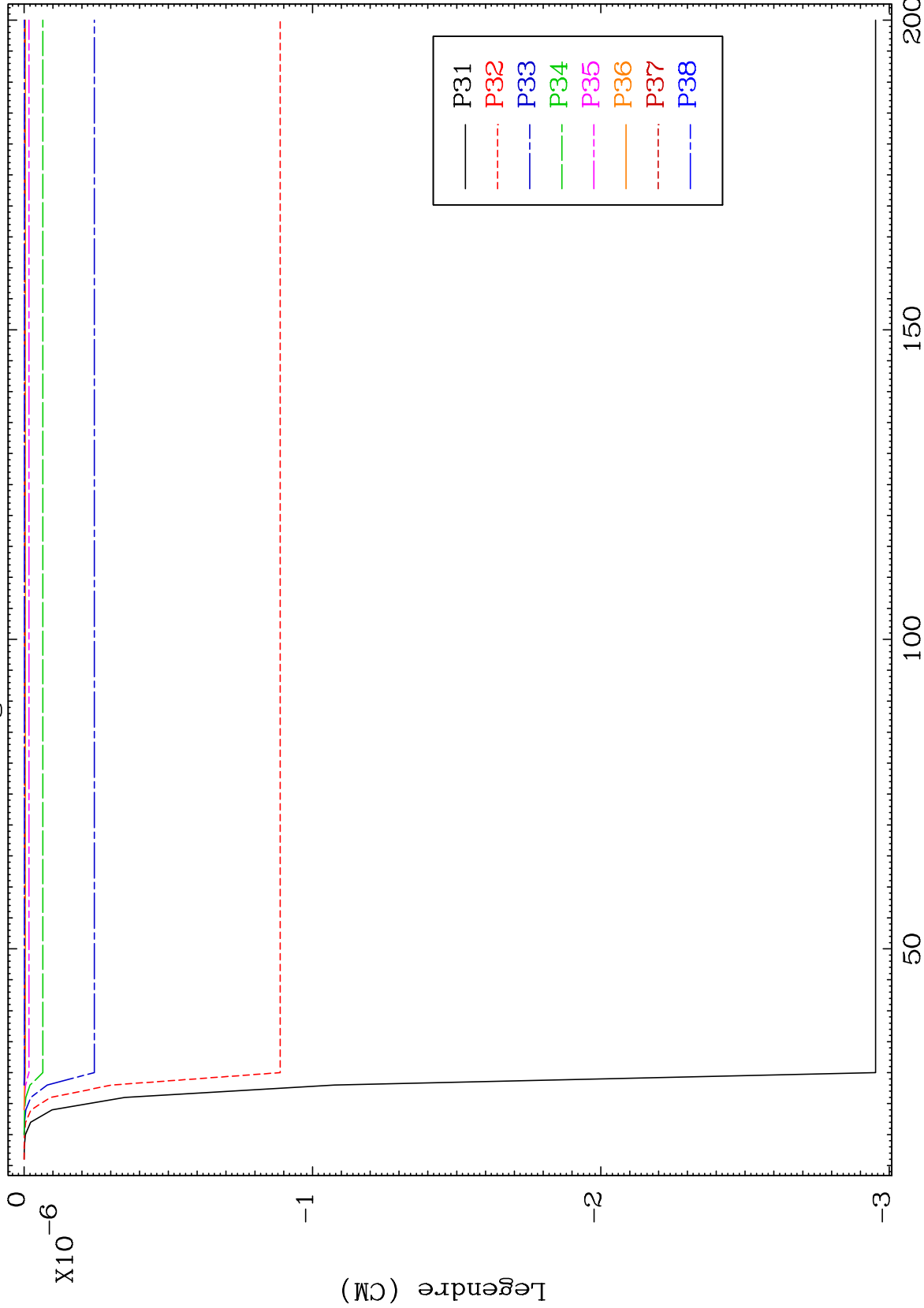
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



63

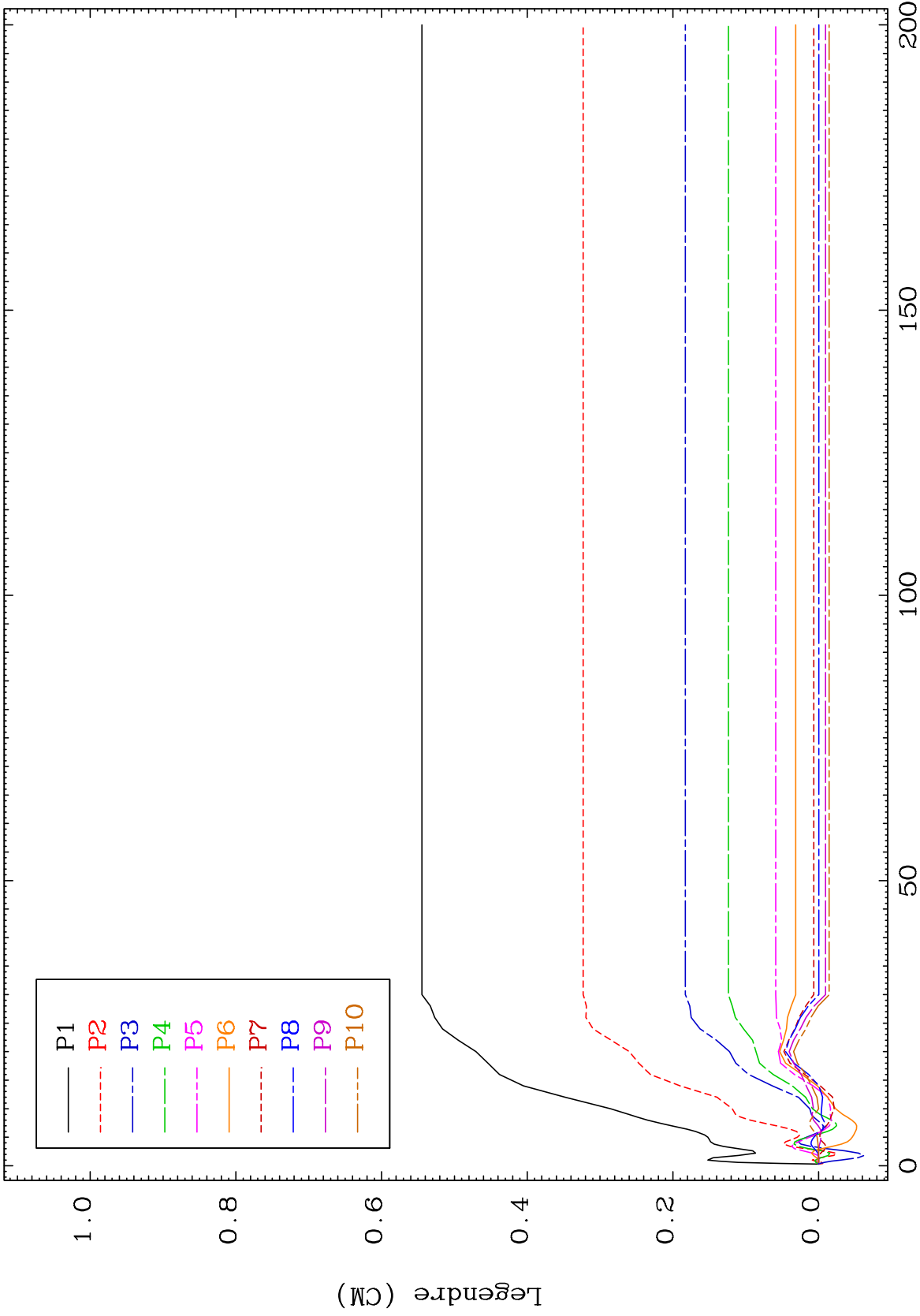
79-Au-185



MAT 7889

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

79-Au-185



64

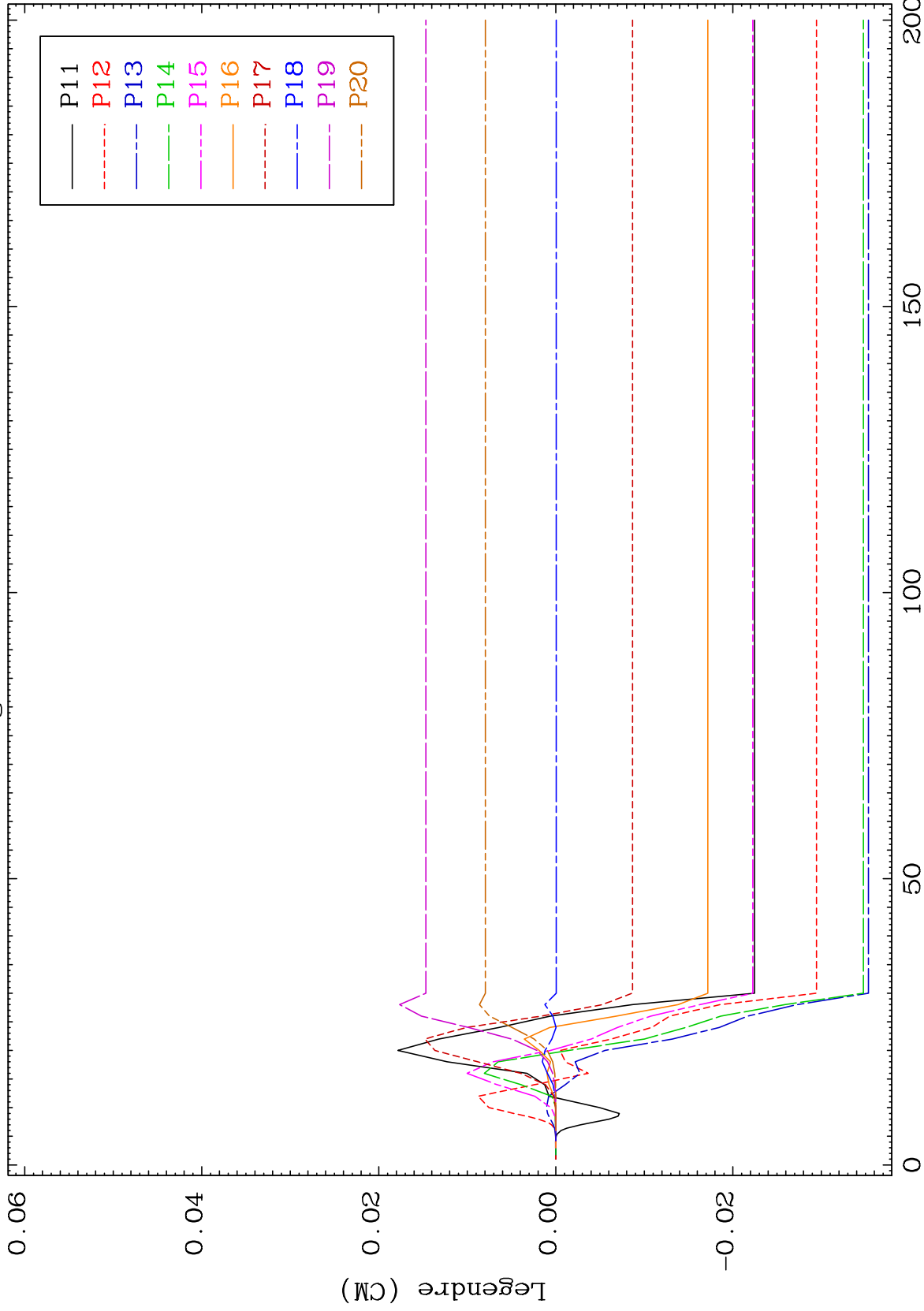
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



65

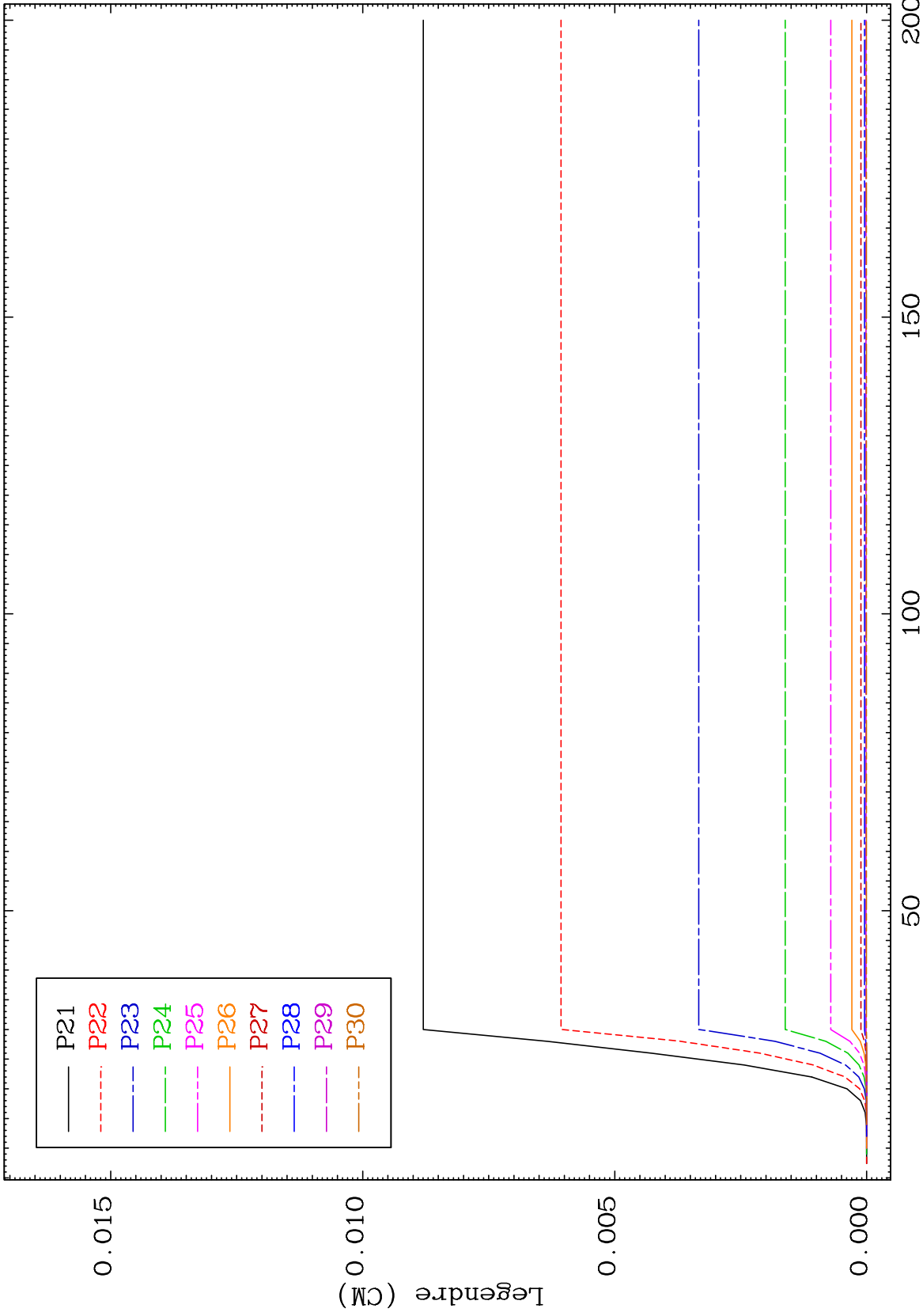
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



66

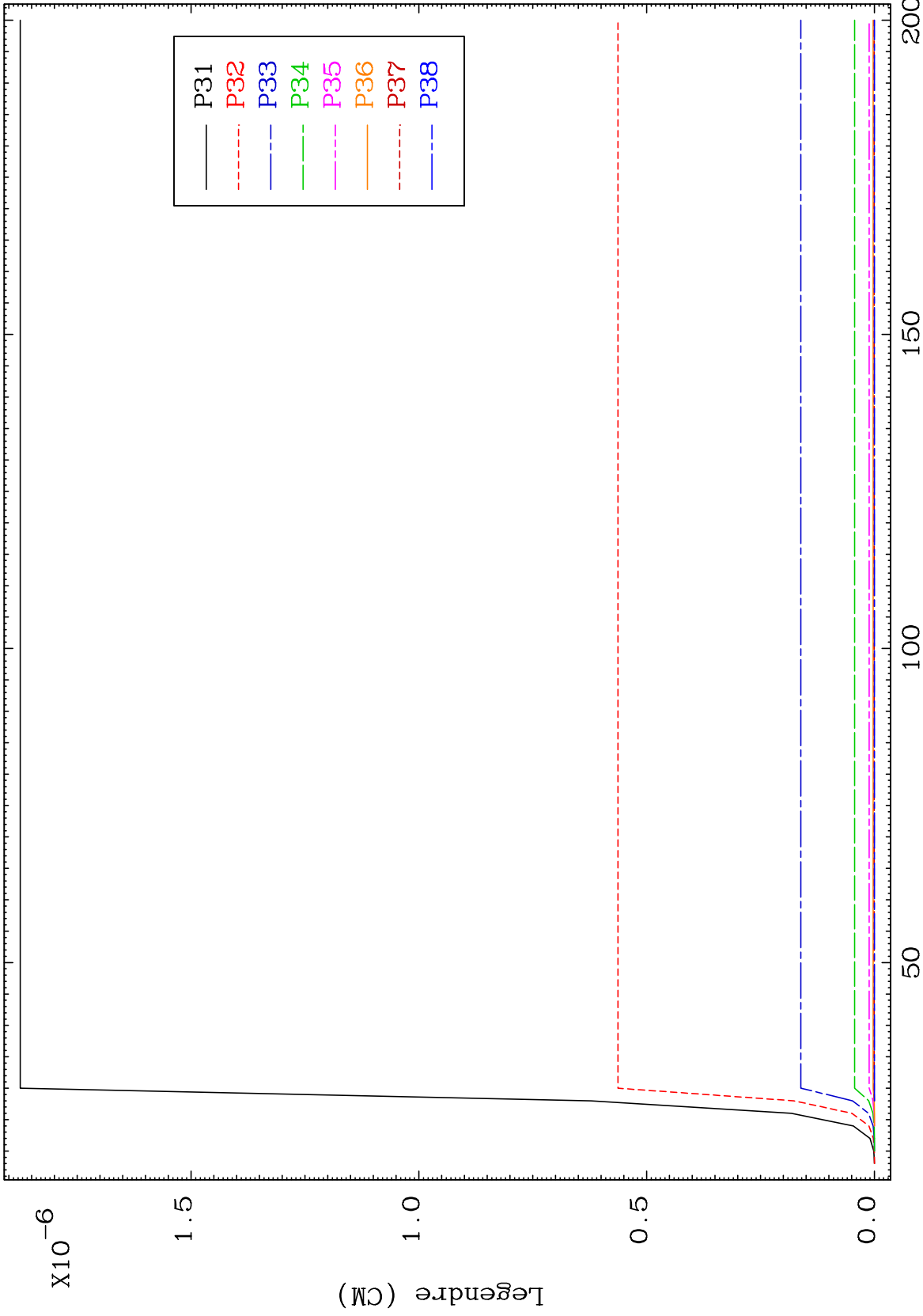
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



67

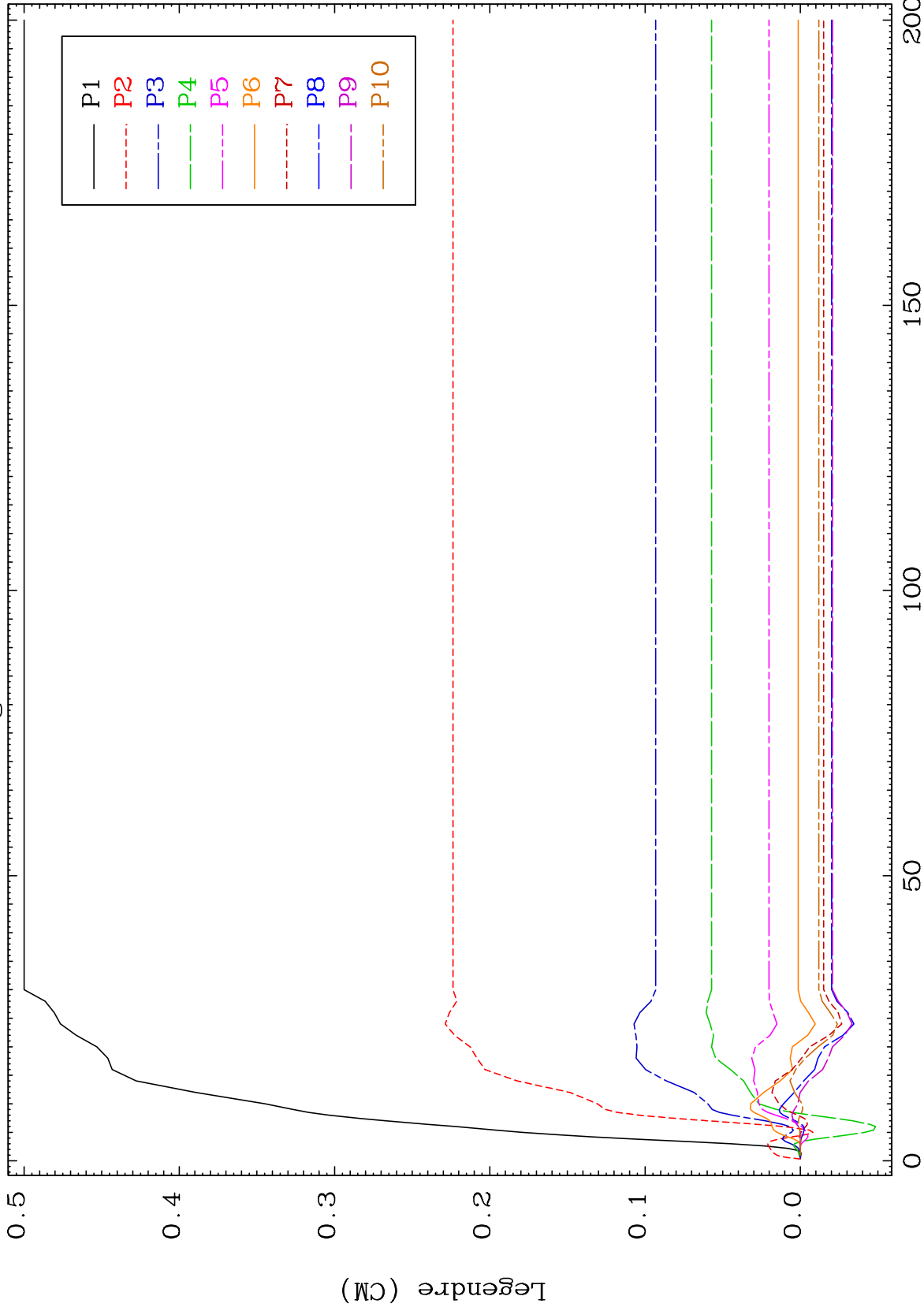
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



68

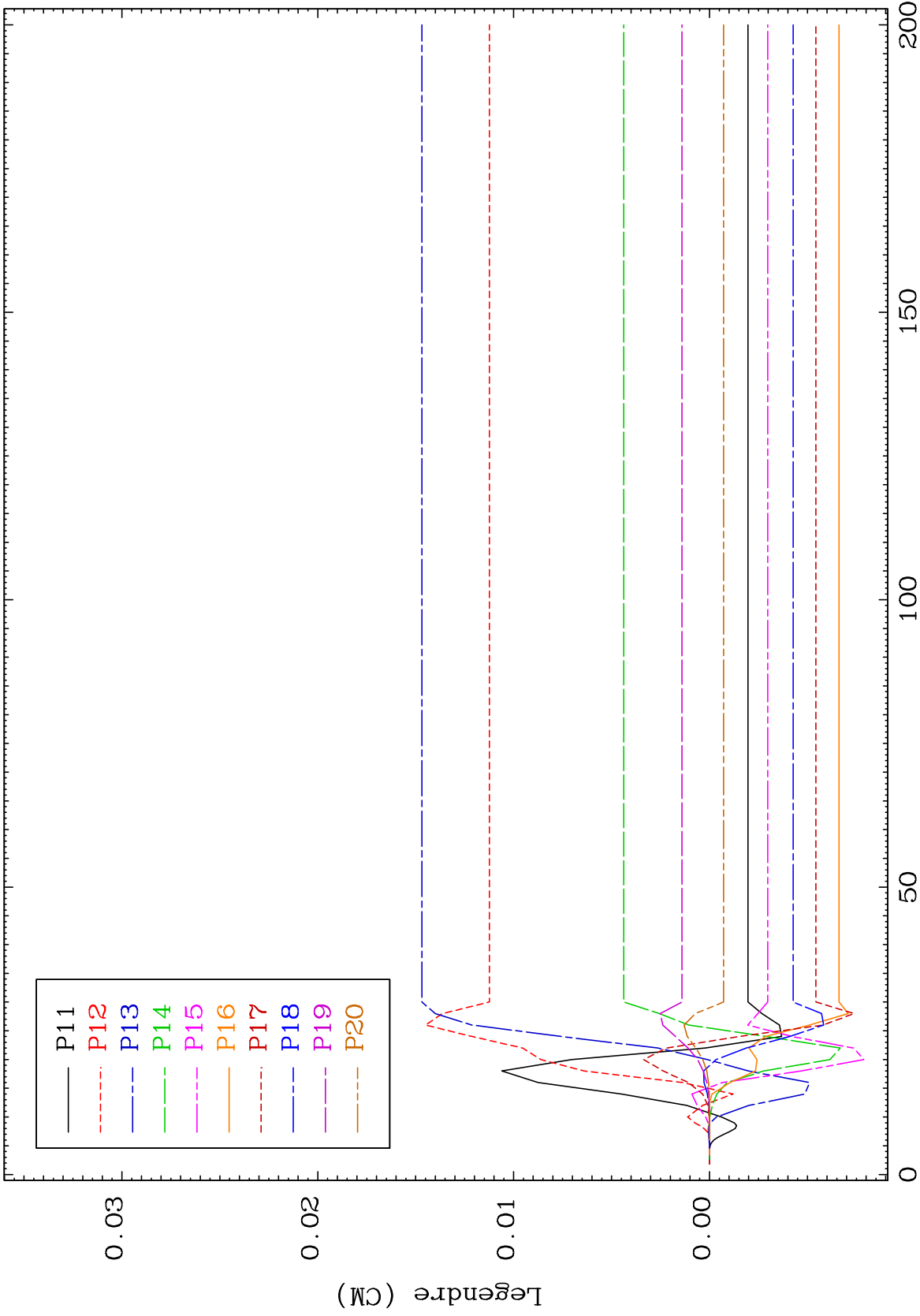
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



69

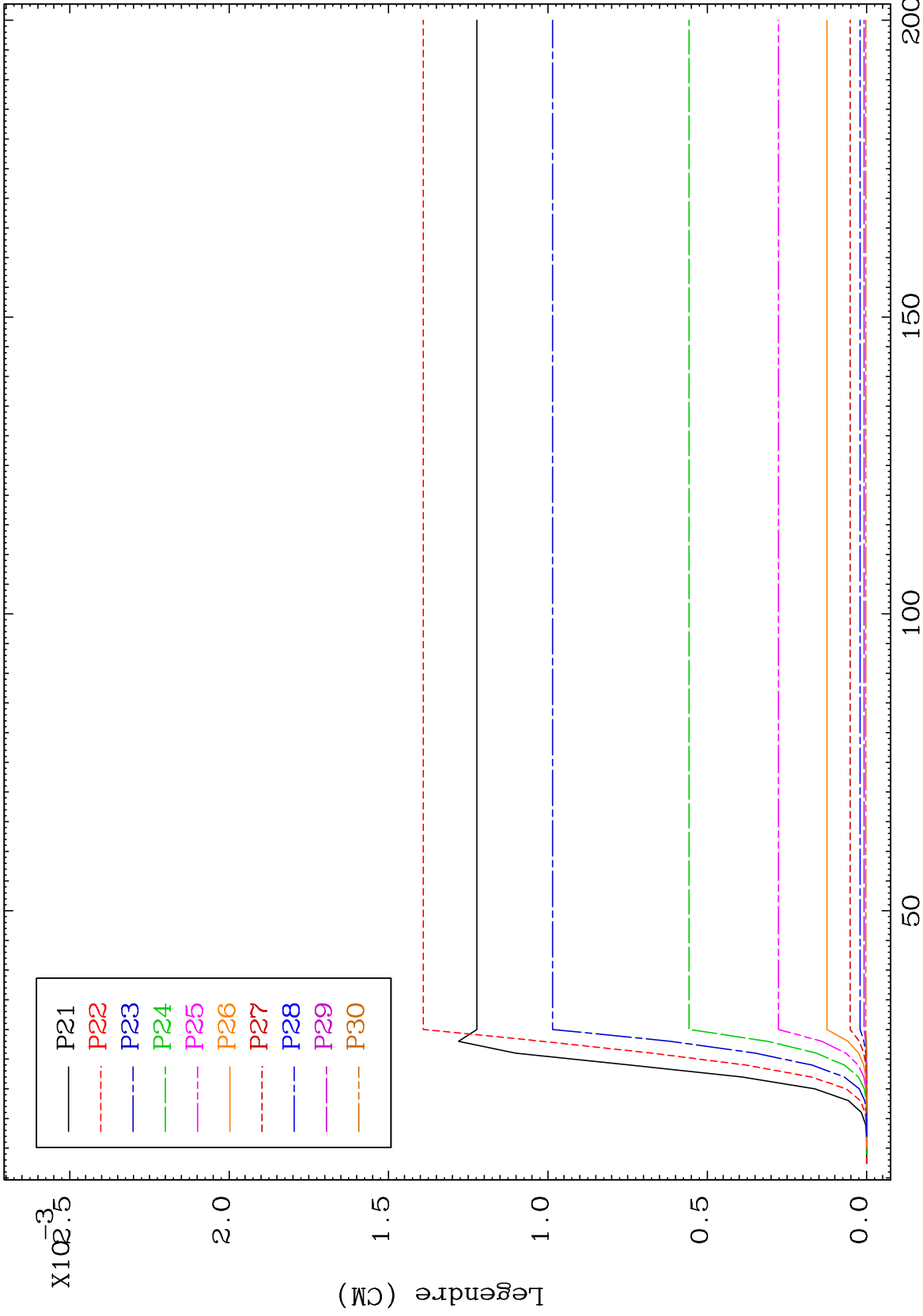
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



70

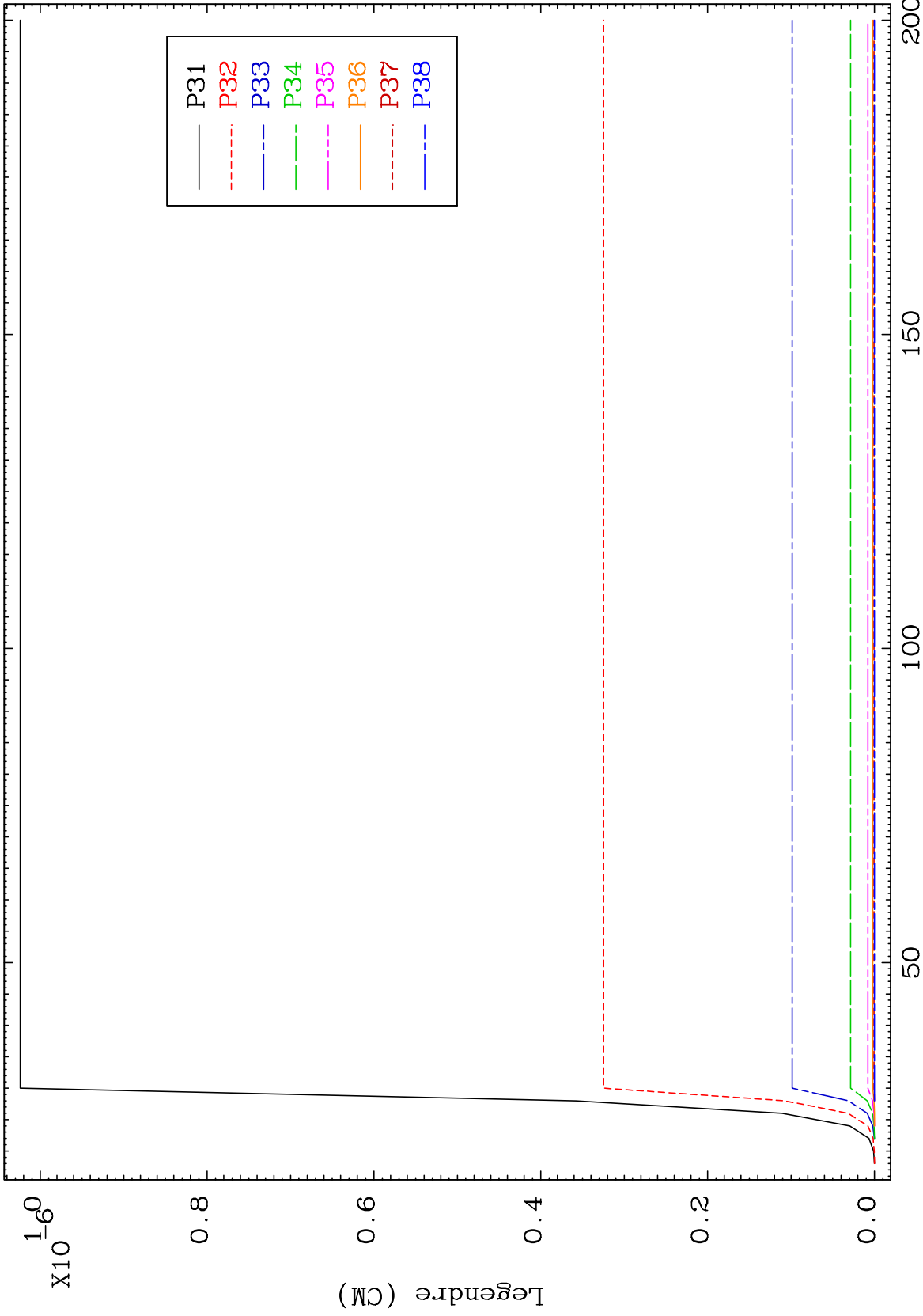
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



71

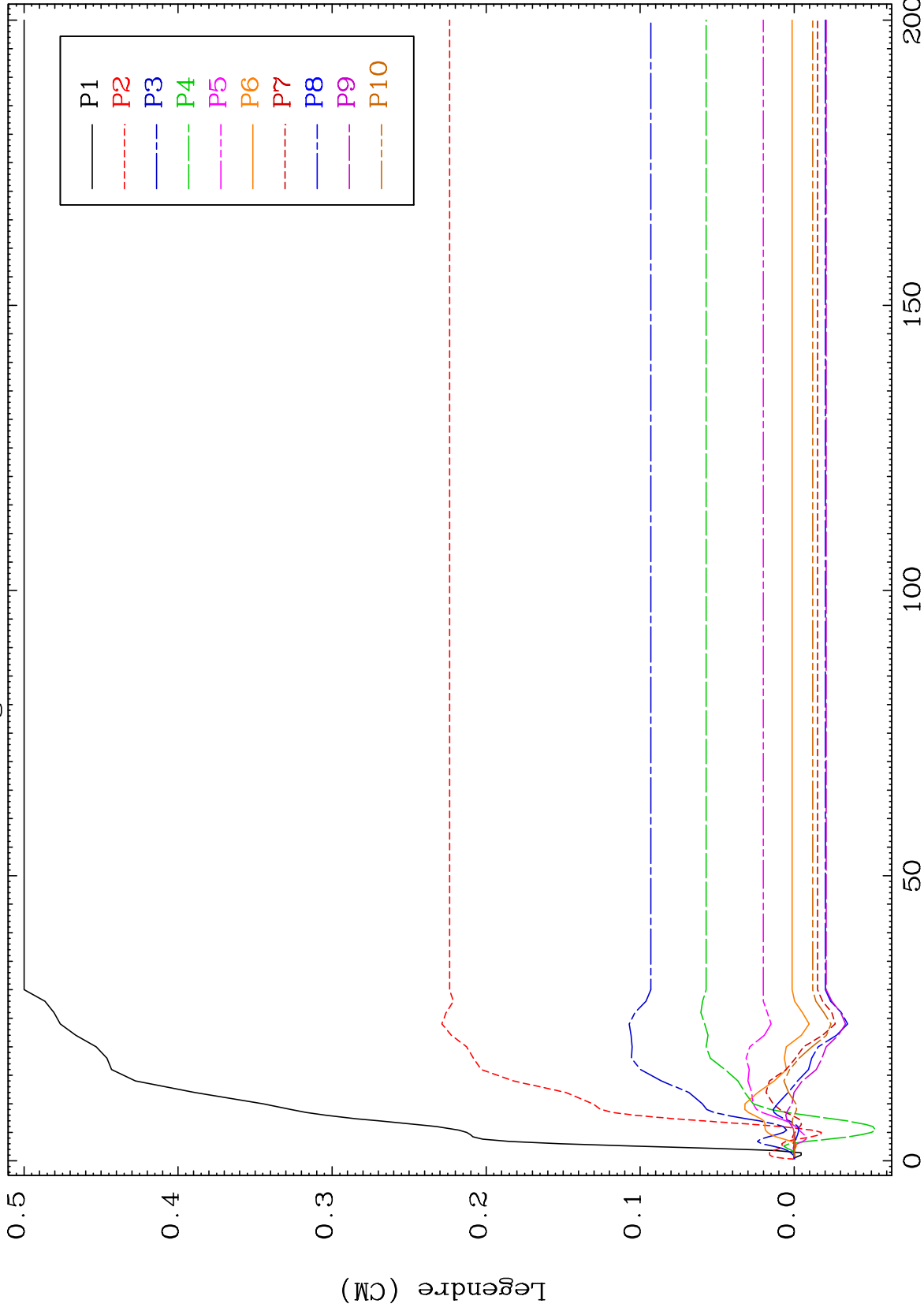
79-Au-185



MAT 7889

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

79-Au-185



72

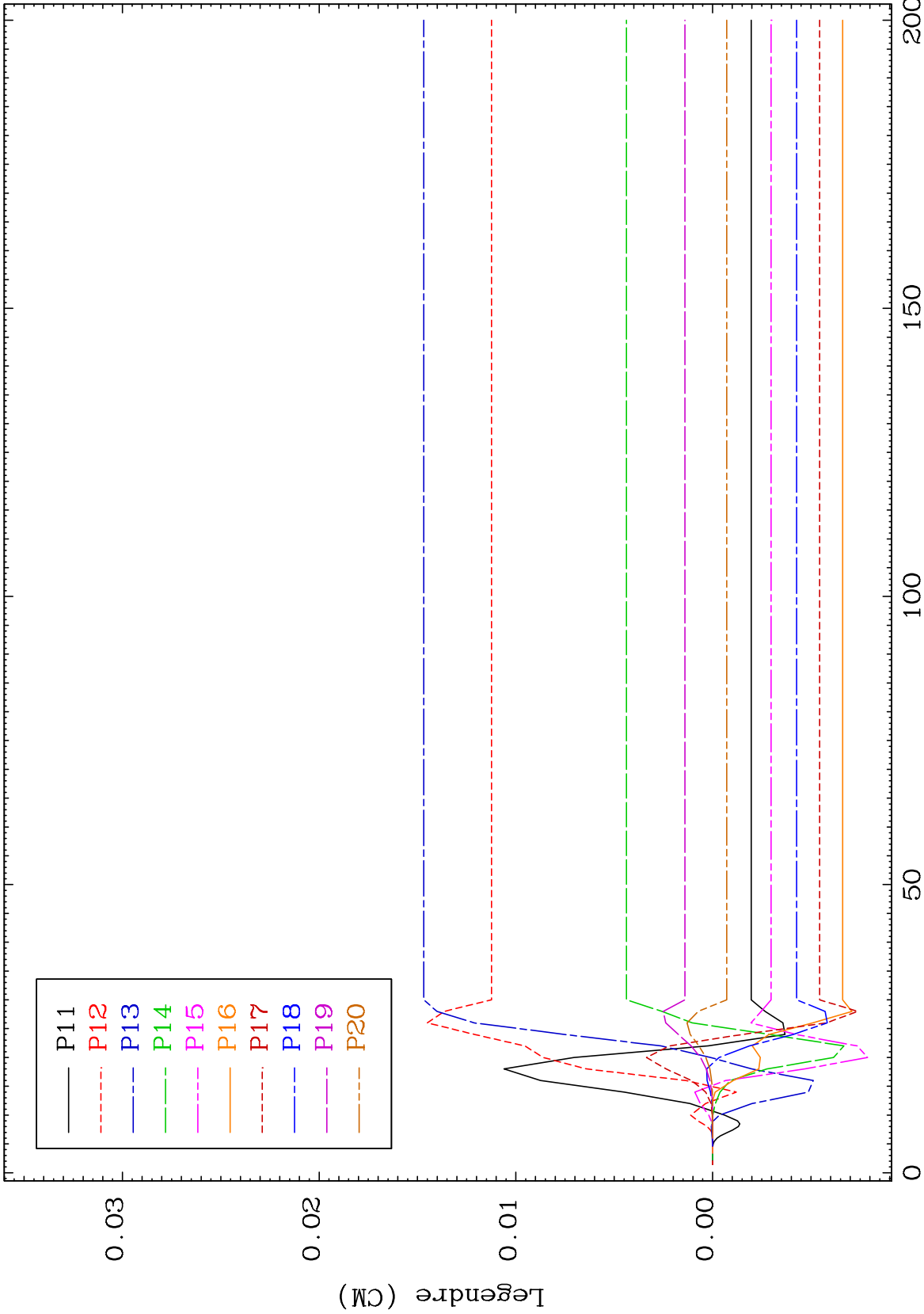
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



73

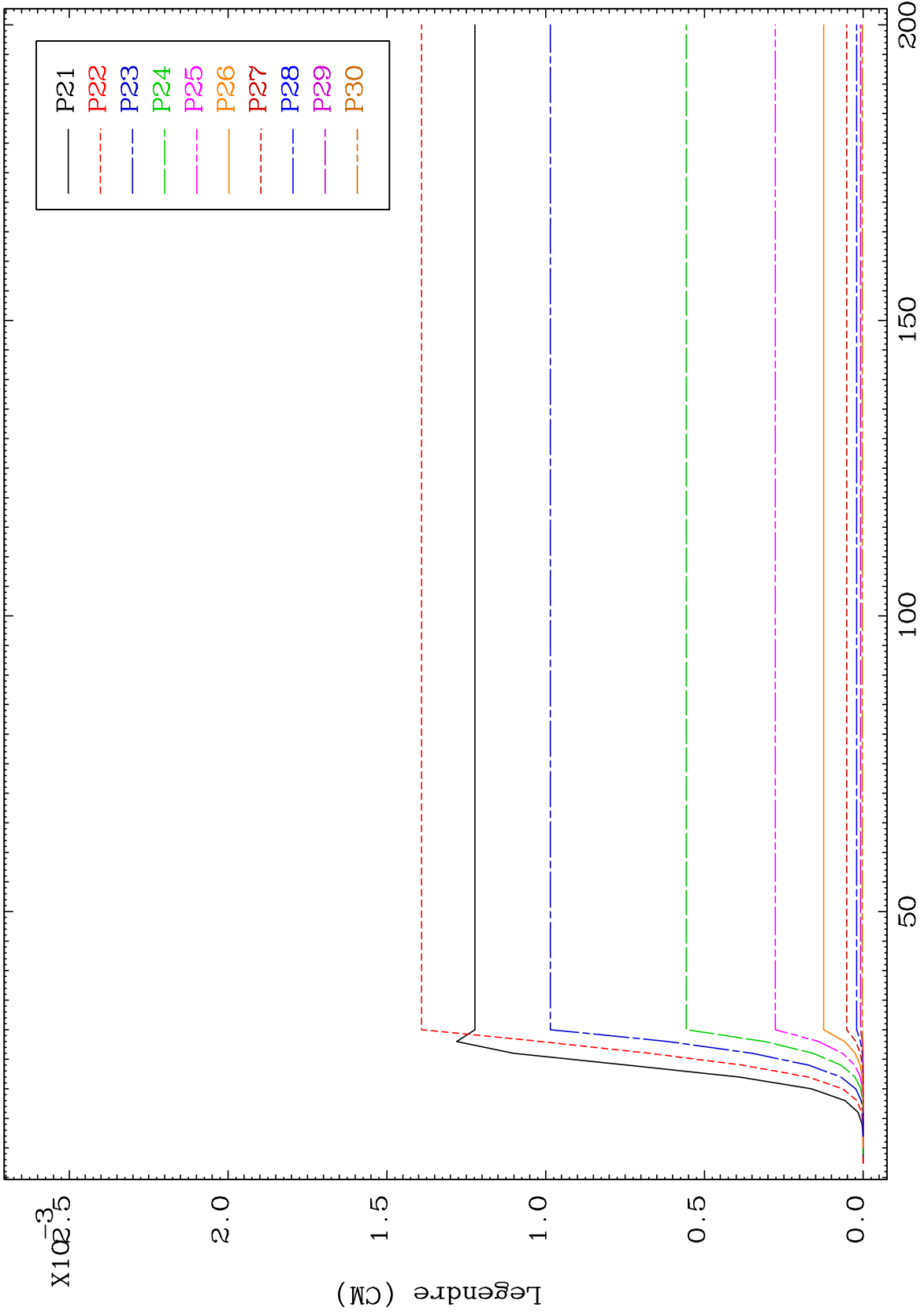
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



74

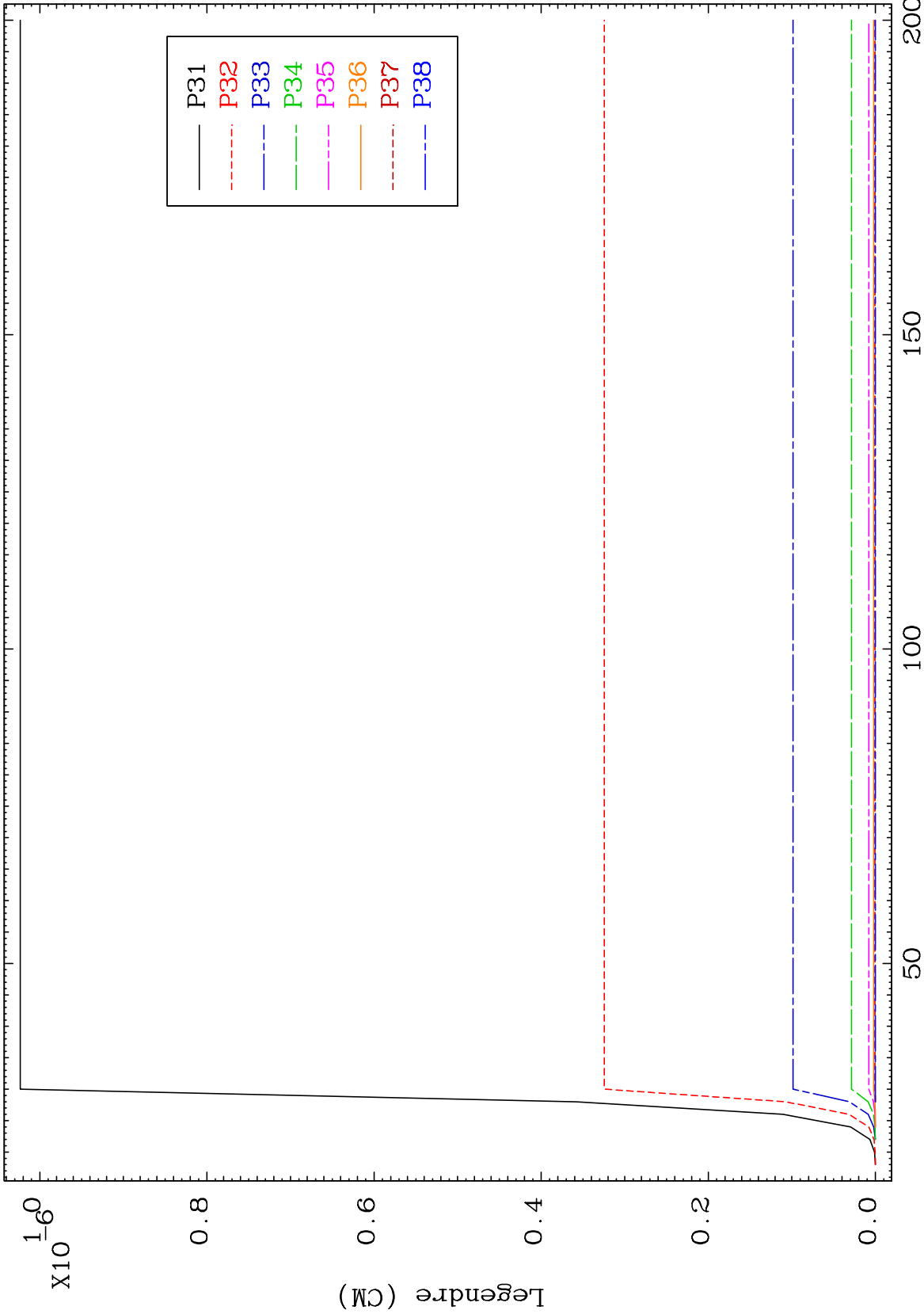
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



75

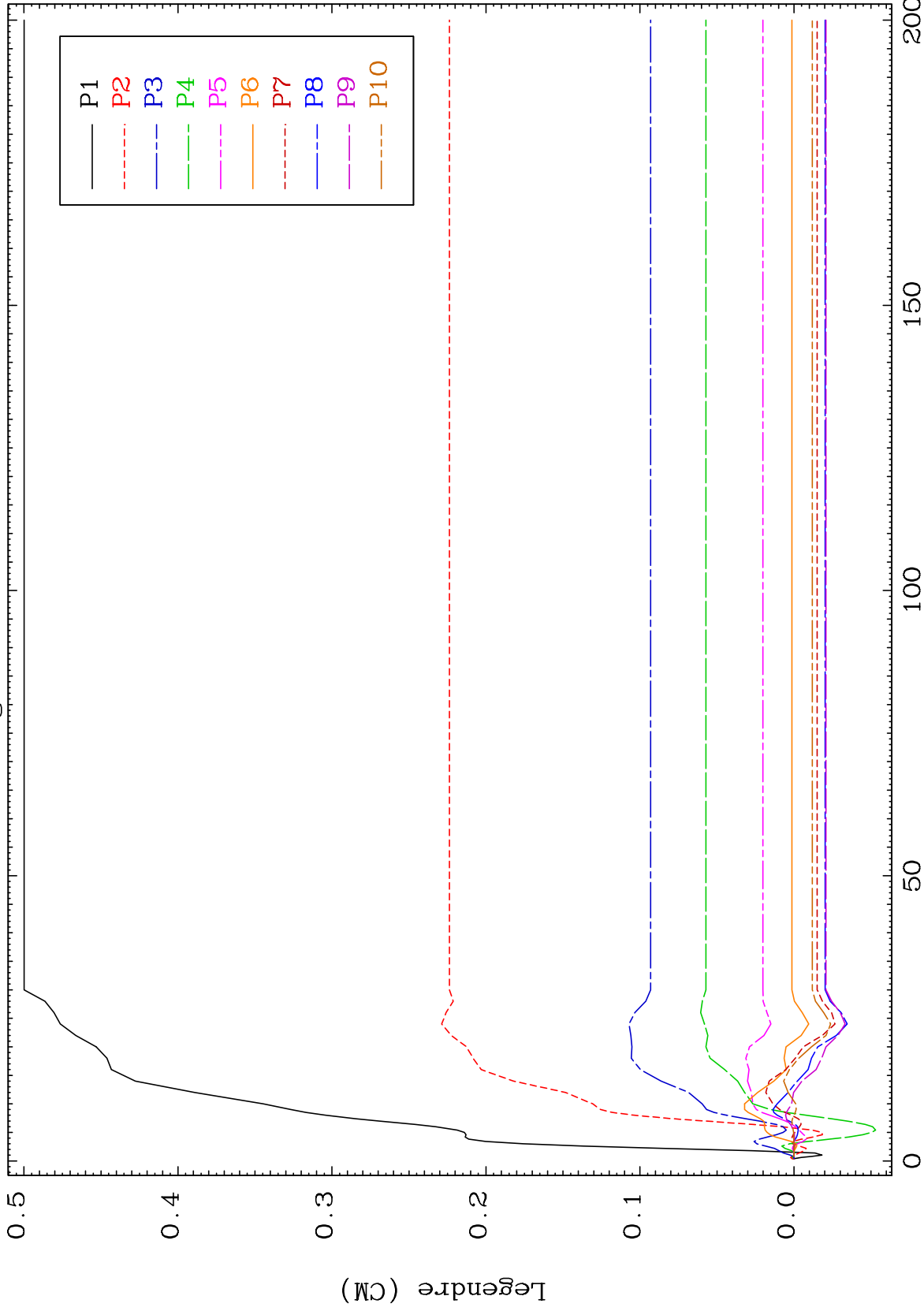
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



76

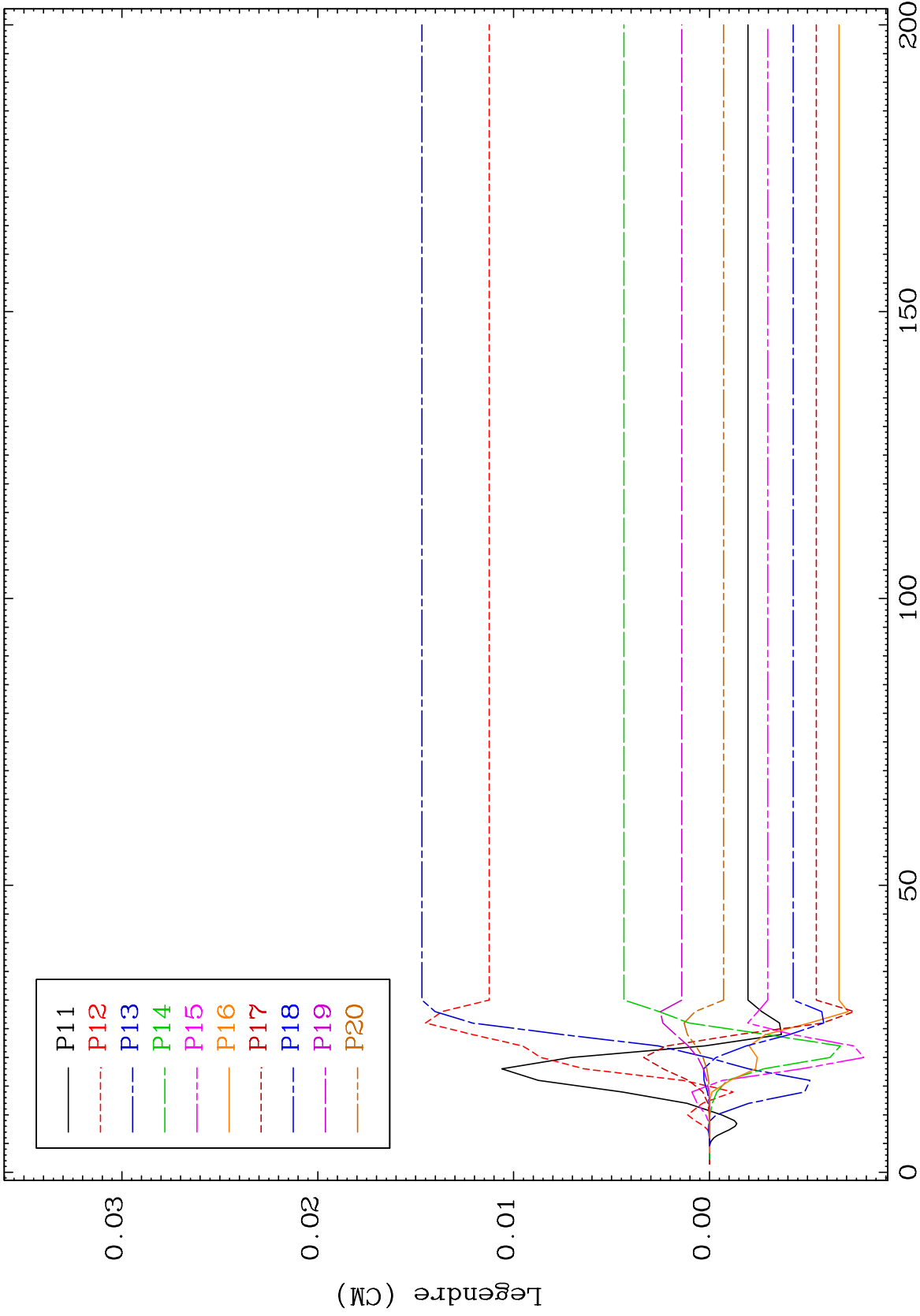
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



77

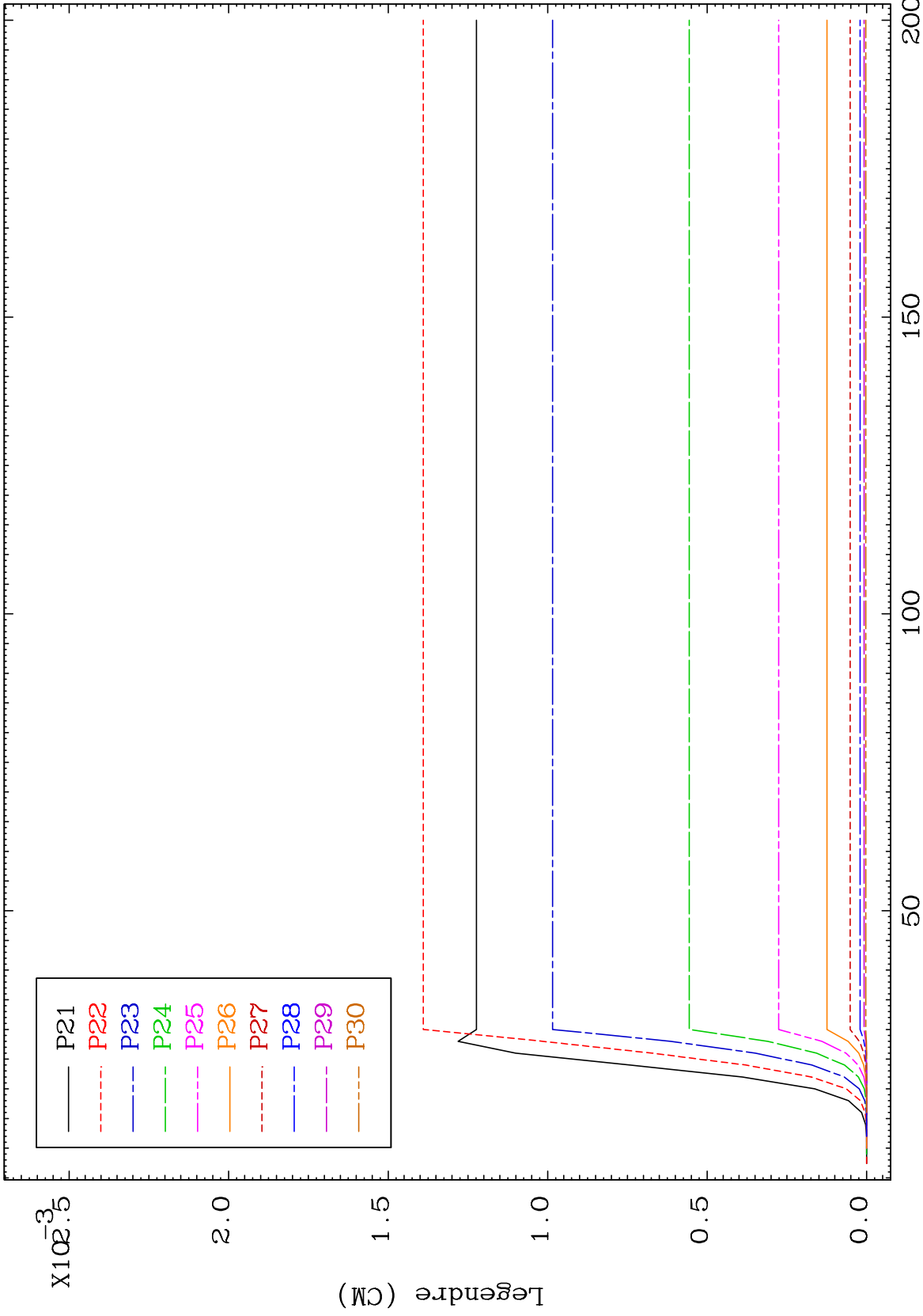
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



78

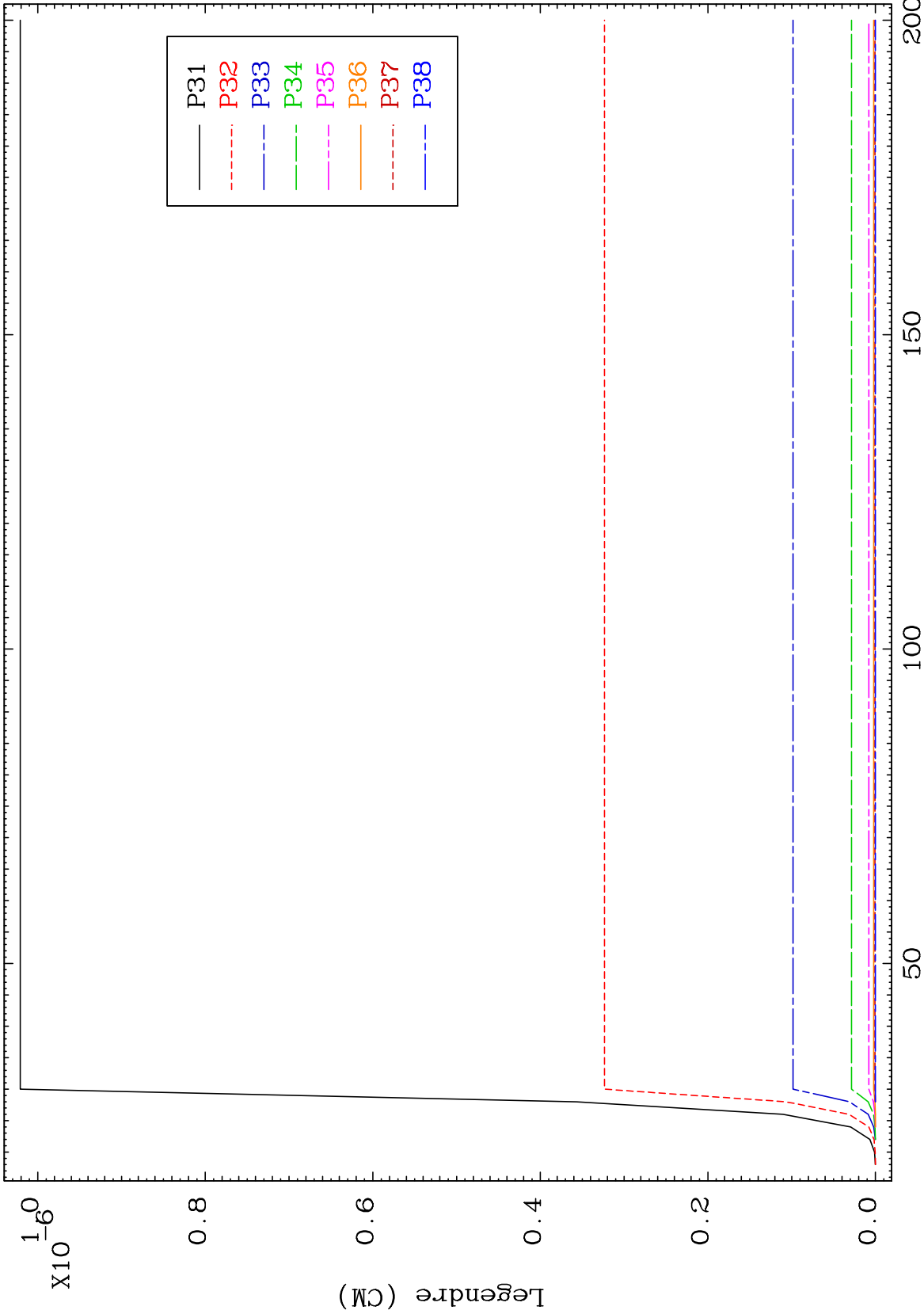
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



79

Incident Energy (MeV)

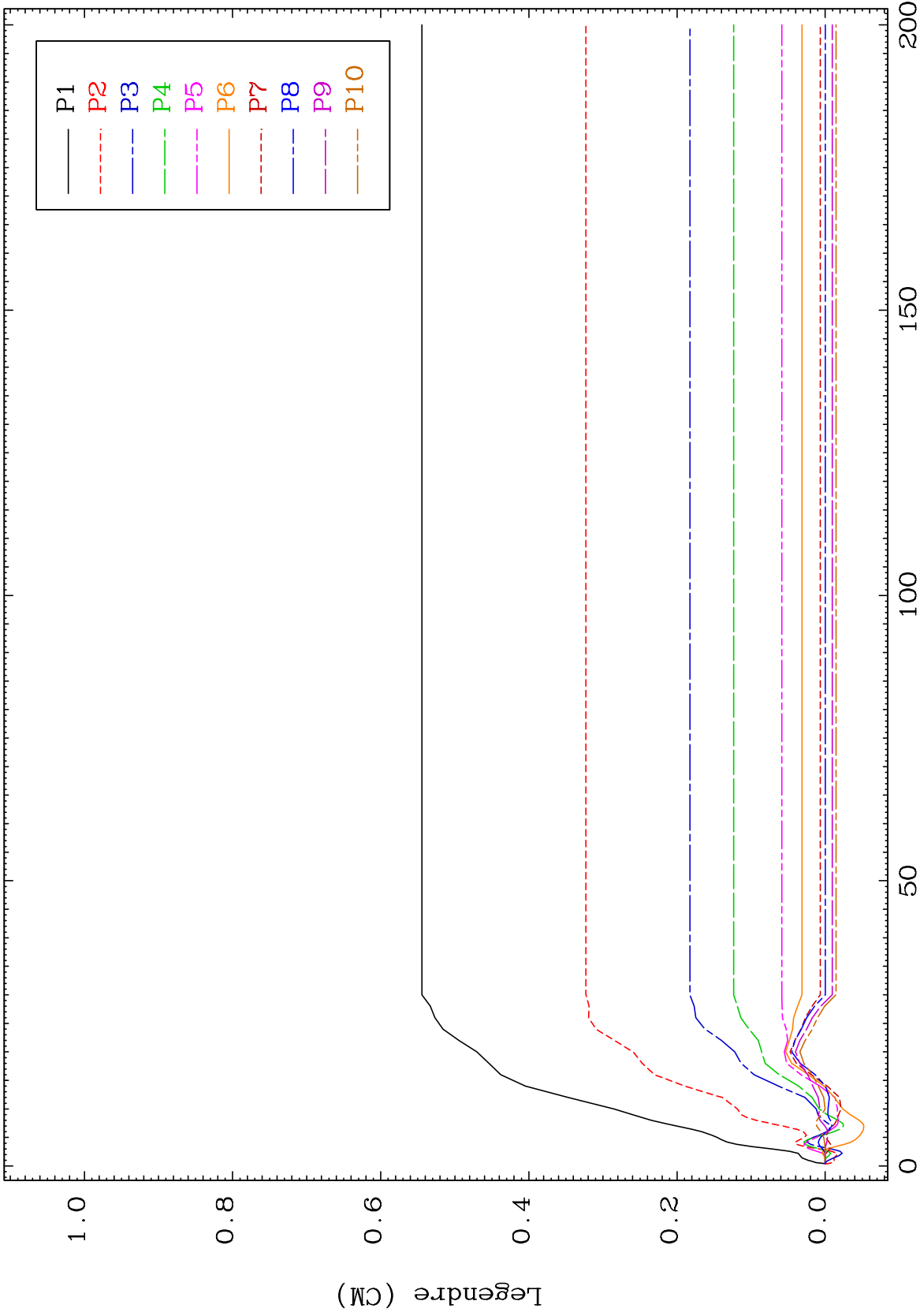
79-Au-185



MAT 7889

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

79-Au-185



79-Au-185

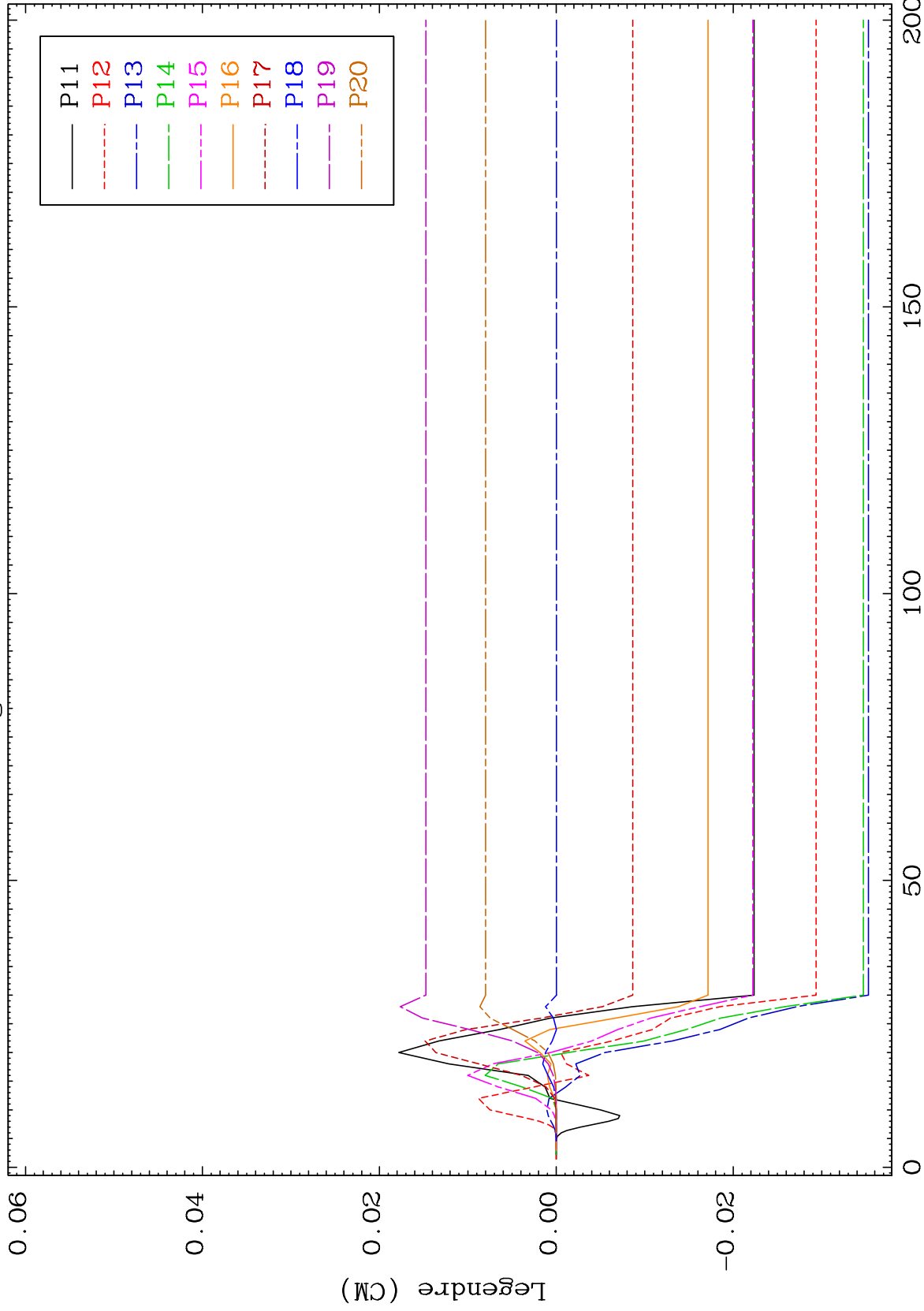
Incident Energy (MeV)

80

MAT 7889

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

79-Au-185



81

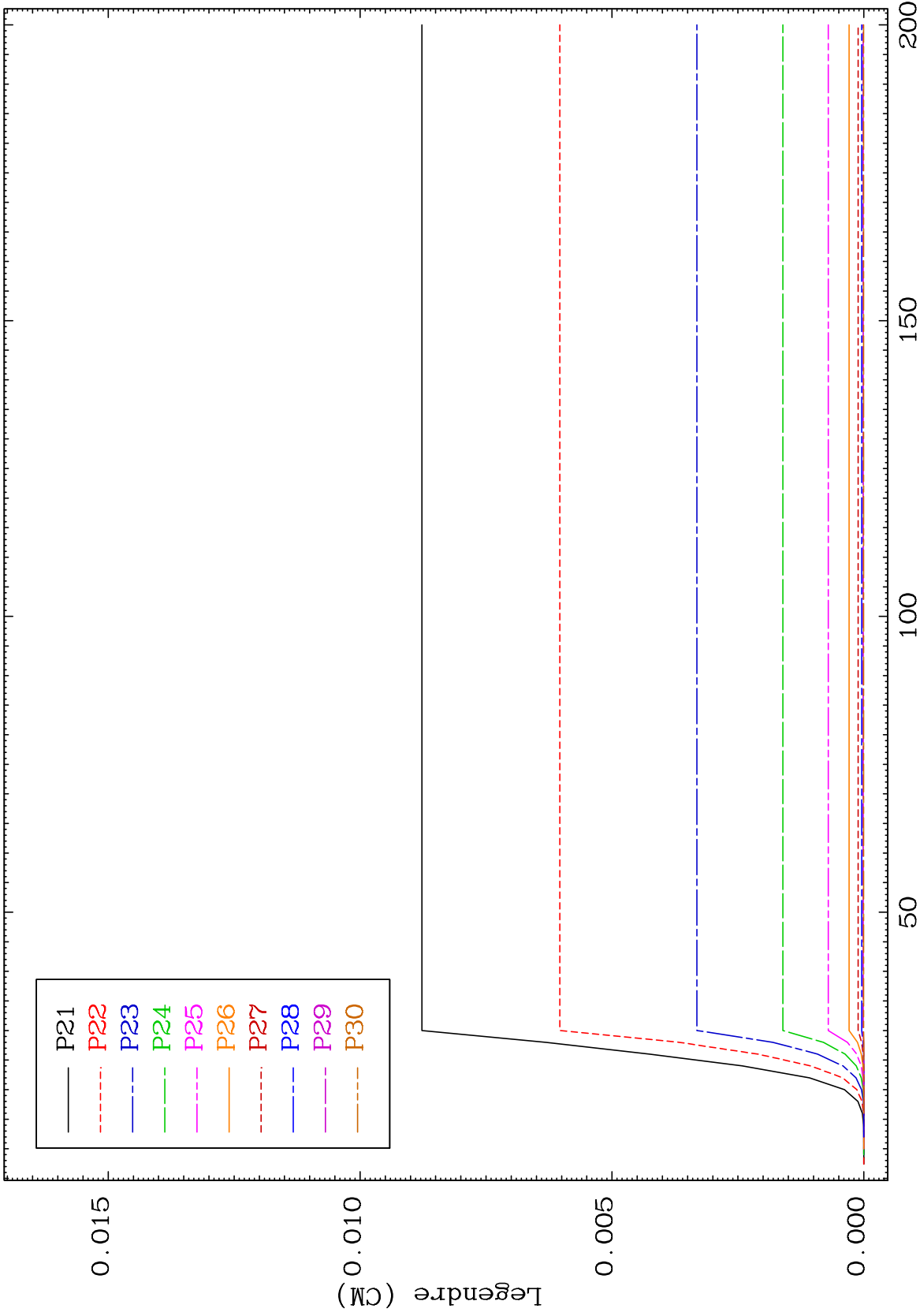
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



82

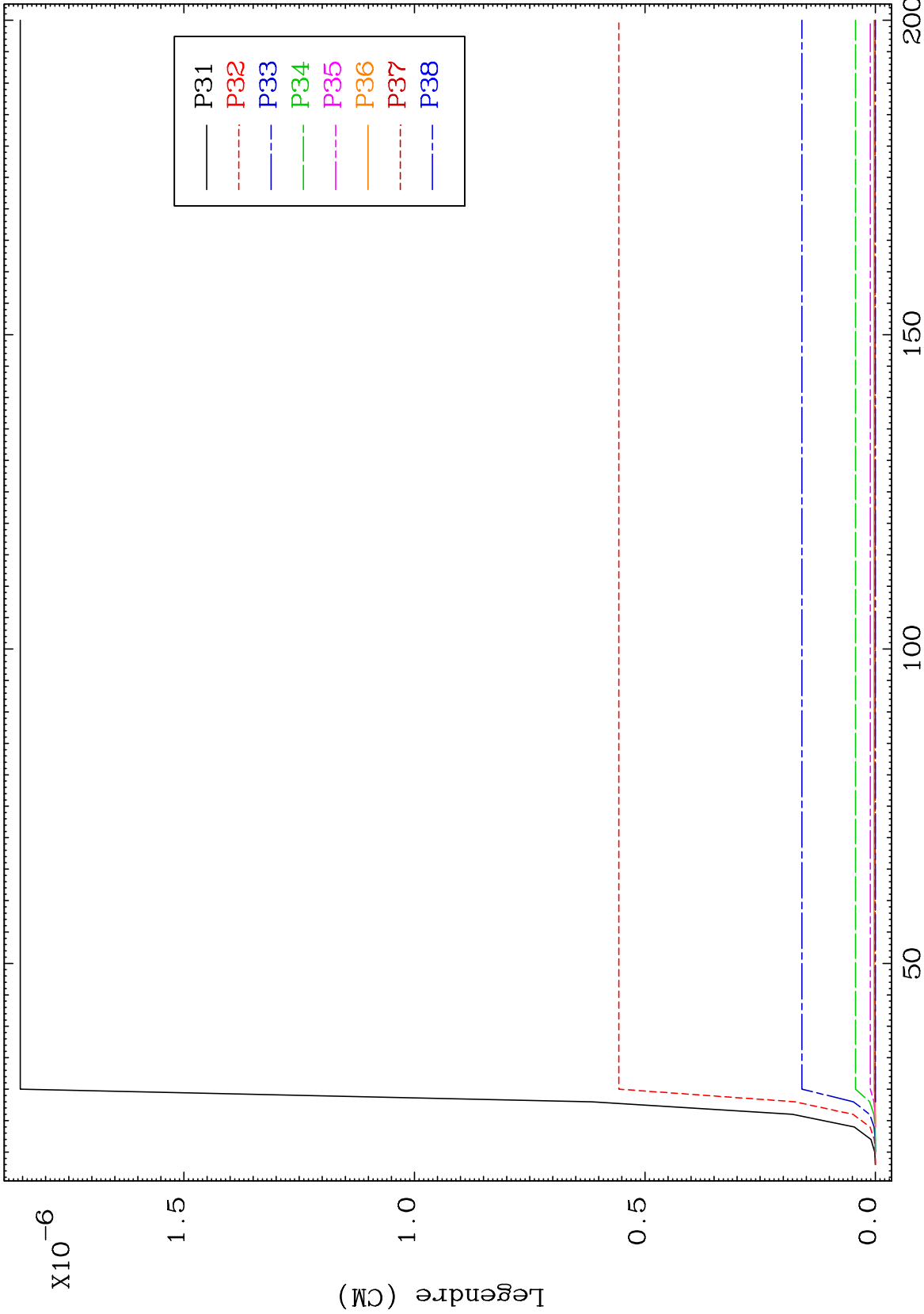
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



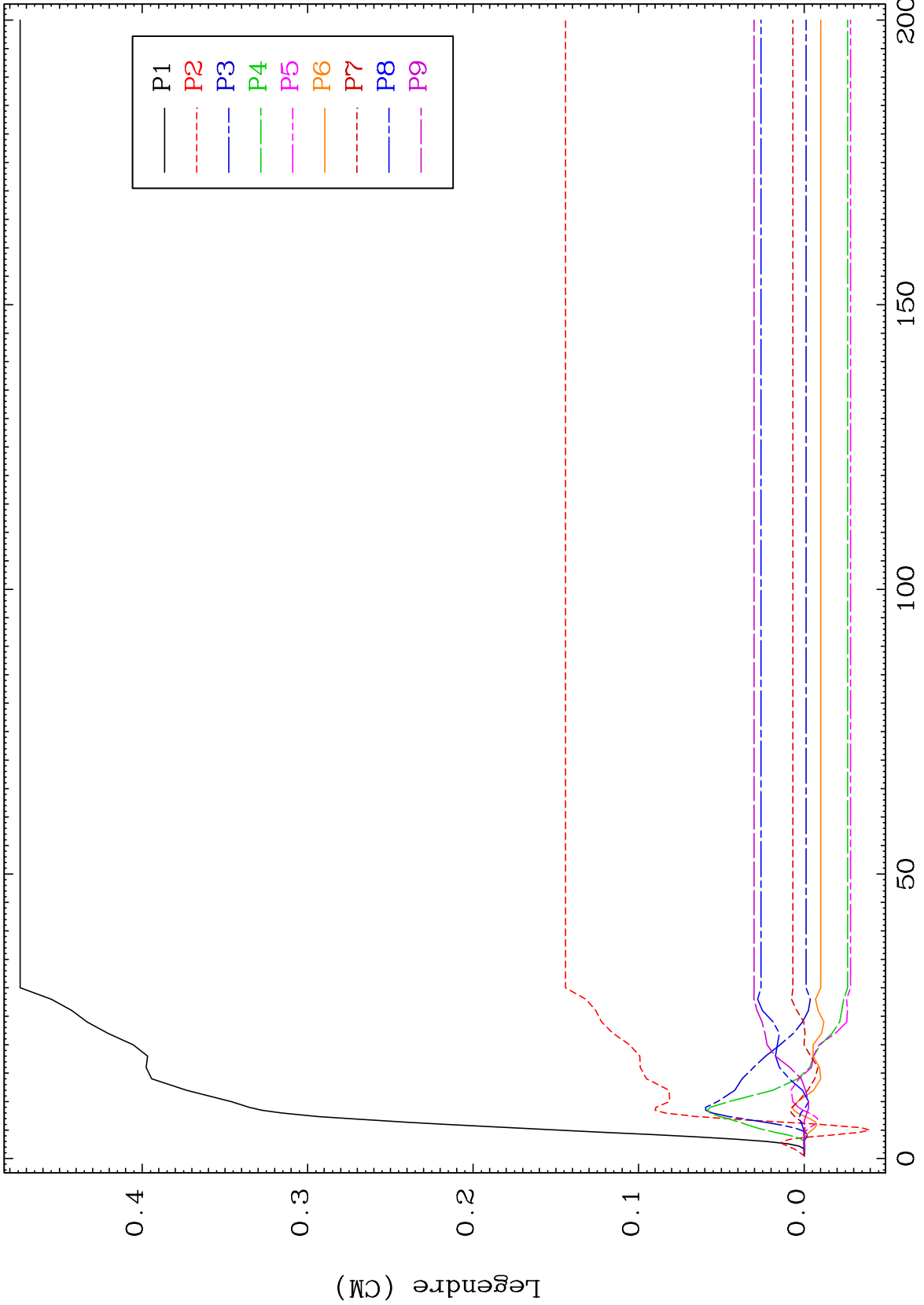
83

79-Au-185

MAT 7889

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

79-Au-185



84

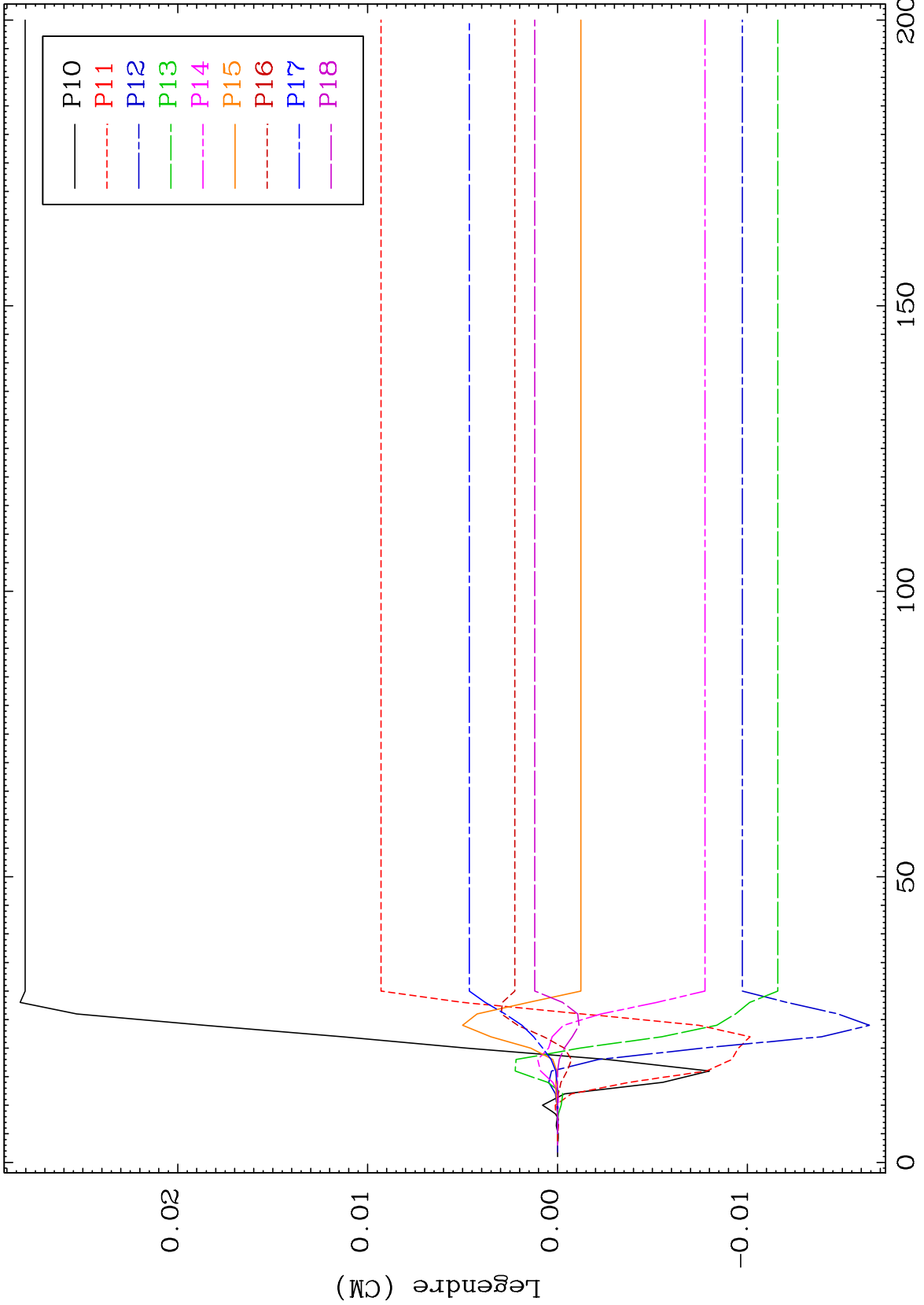
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



85

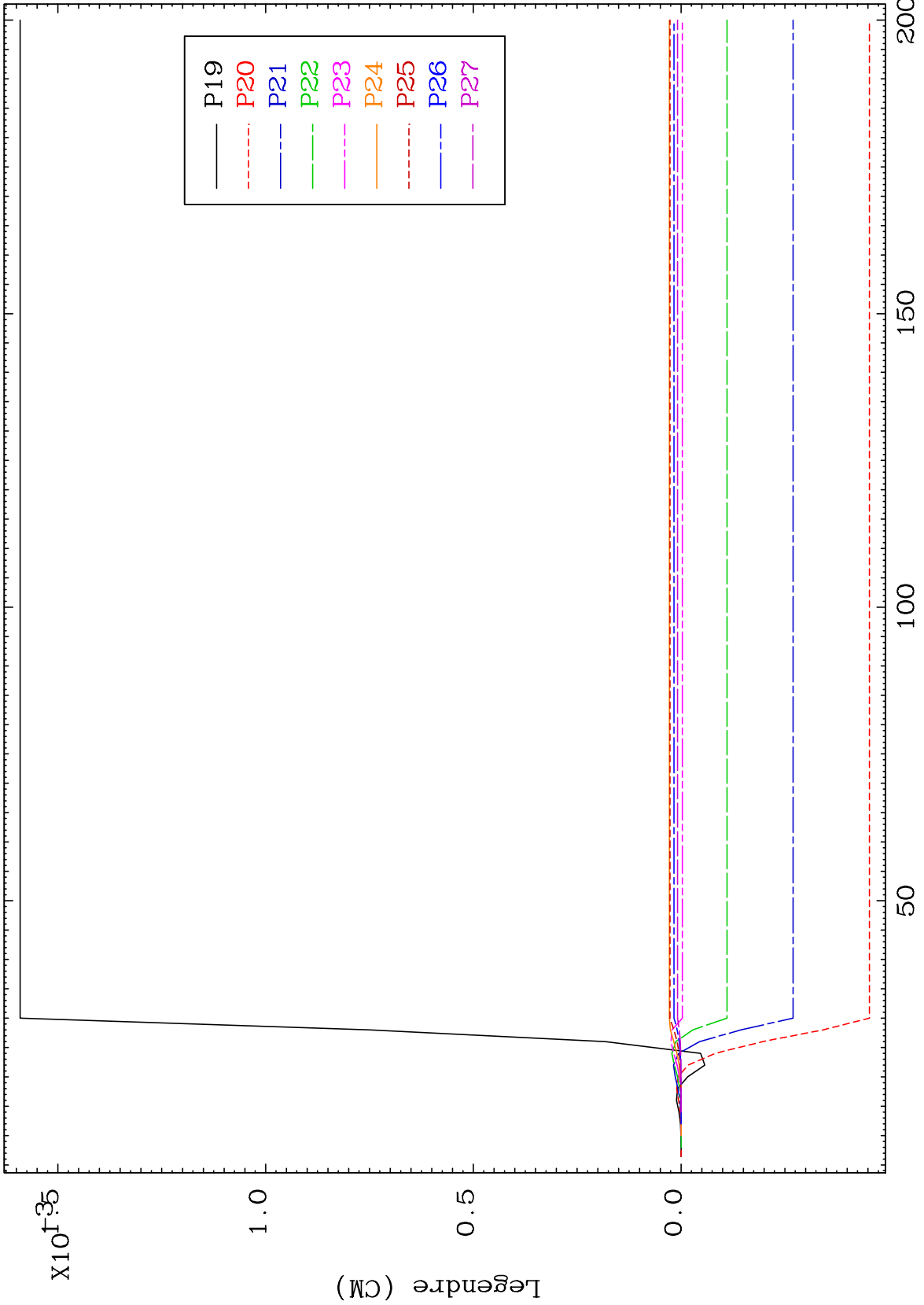
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



86

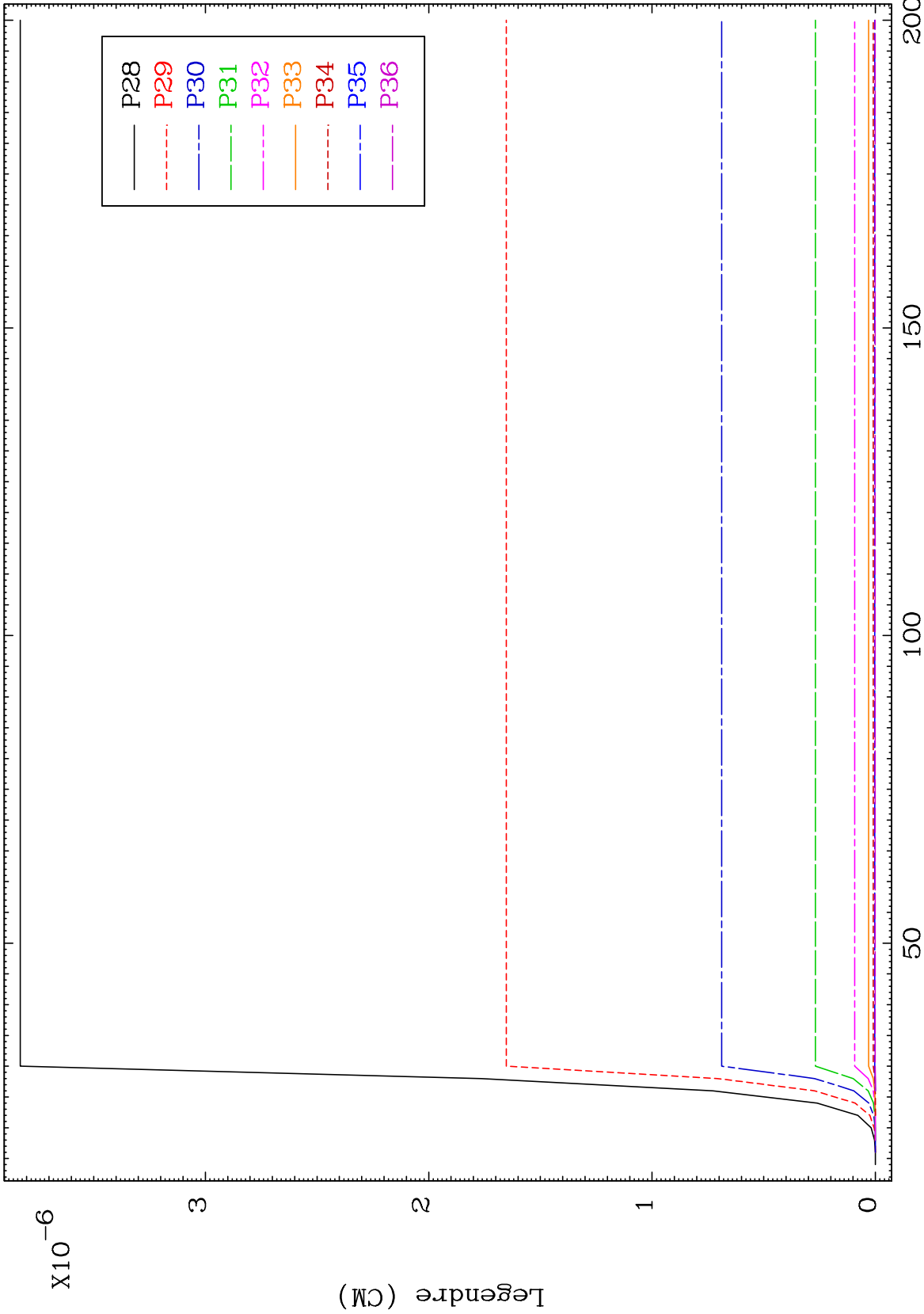
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



87

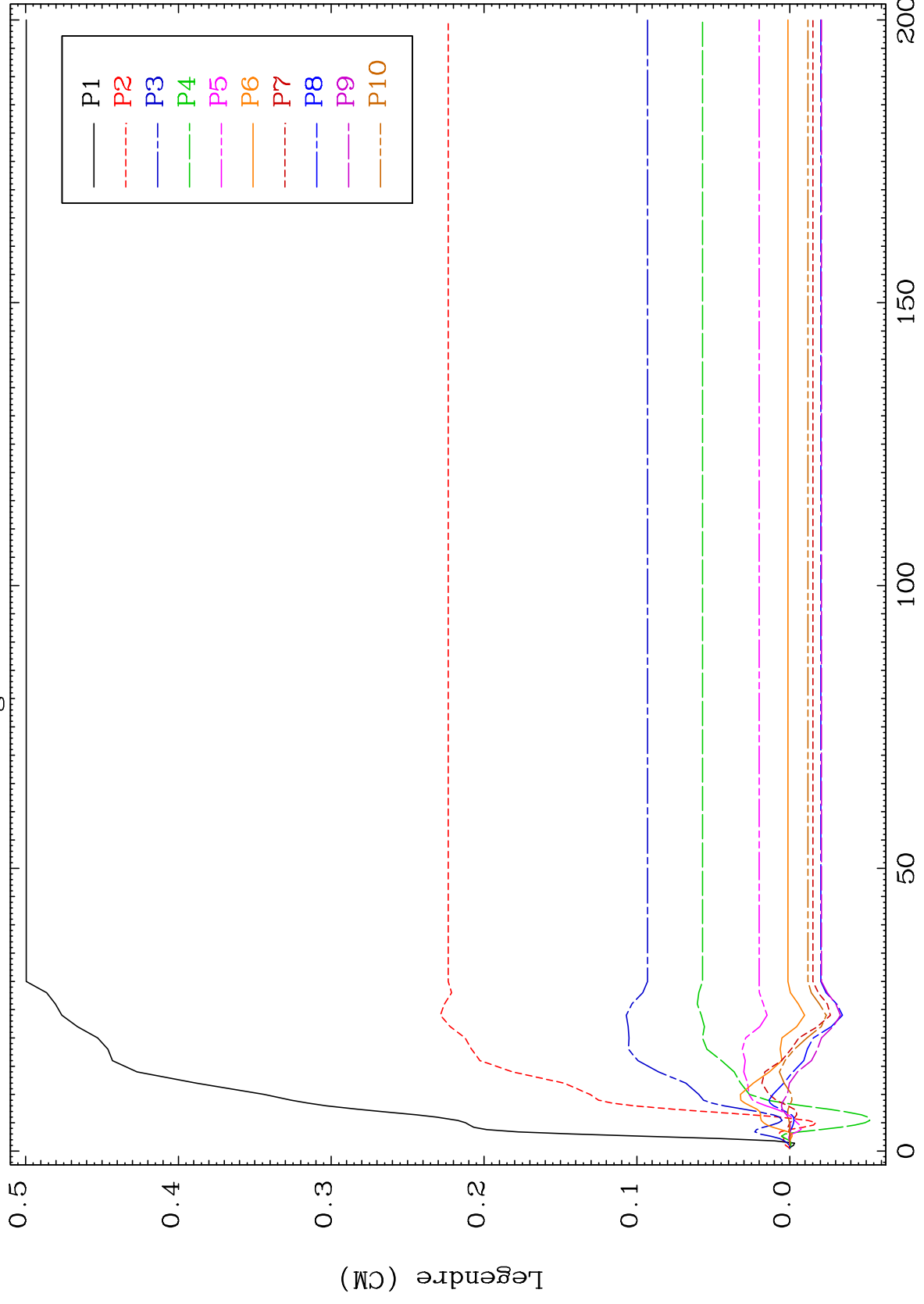
79-Au-185



MAT 7889

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

79-Au-185



88

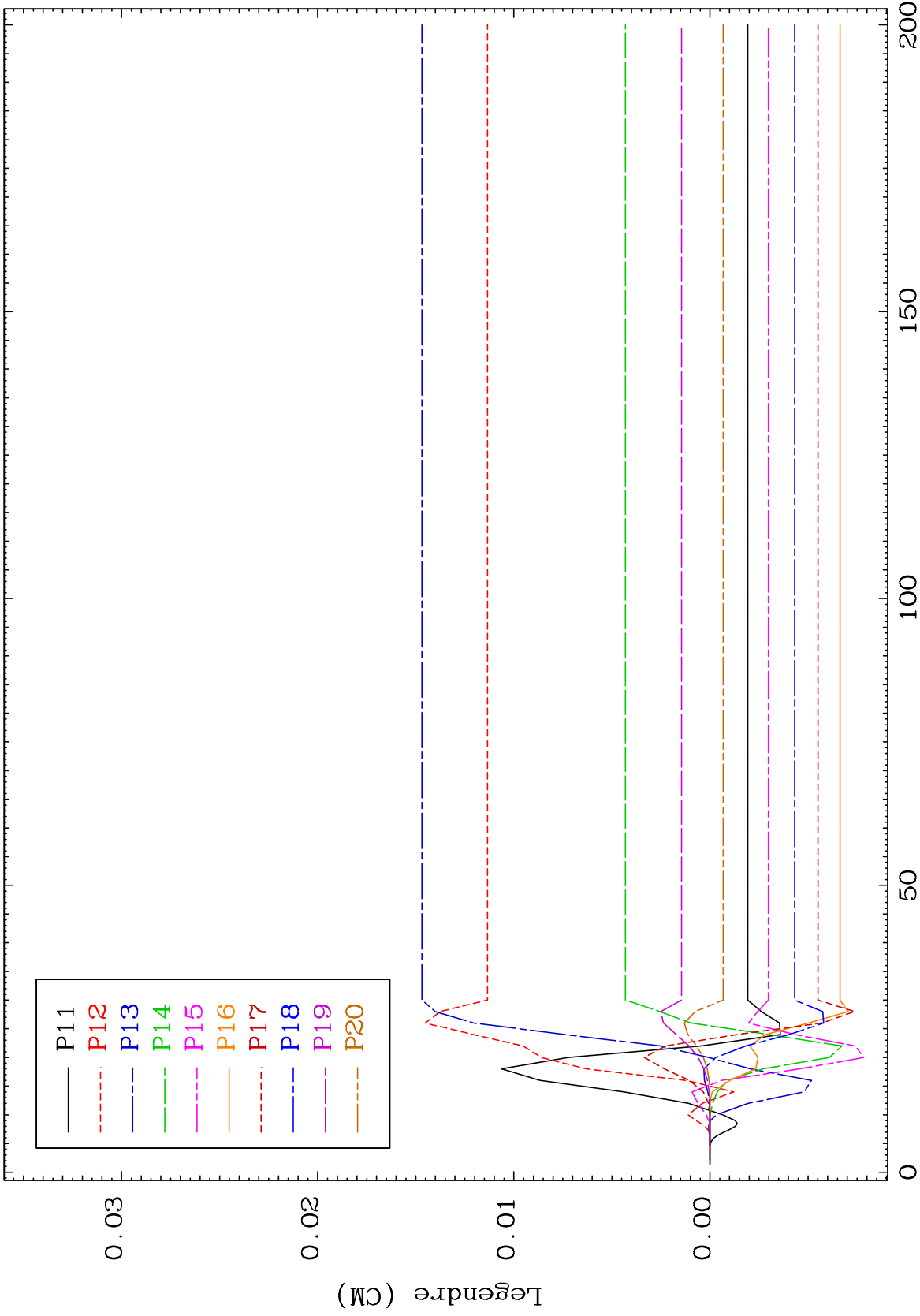
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



89

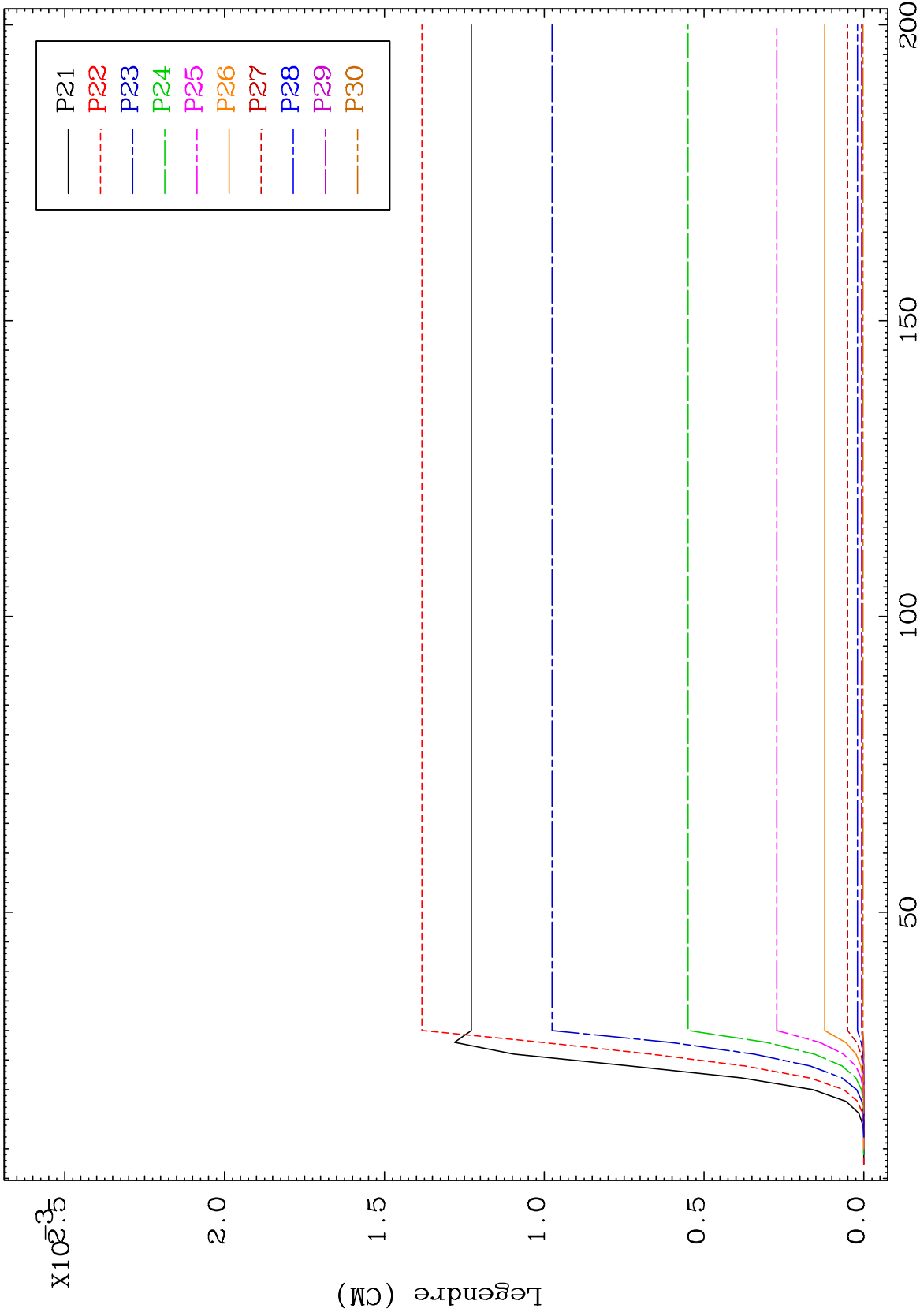
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



90

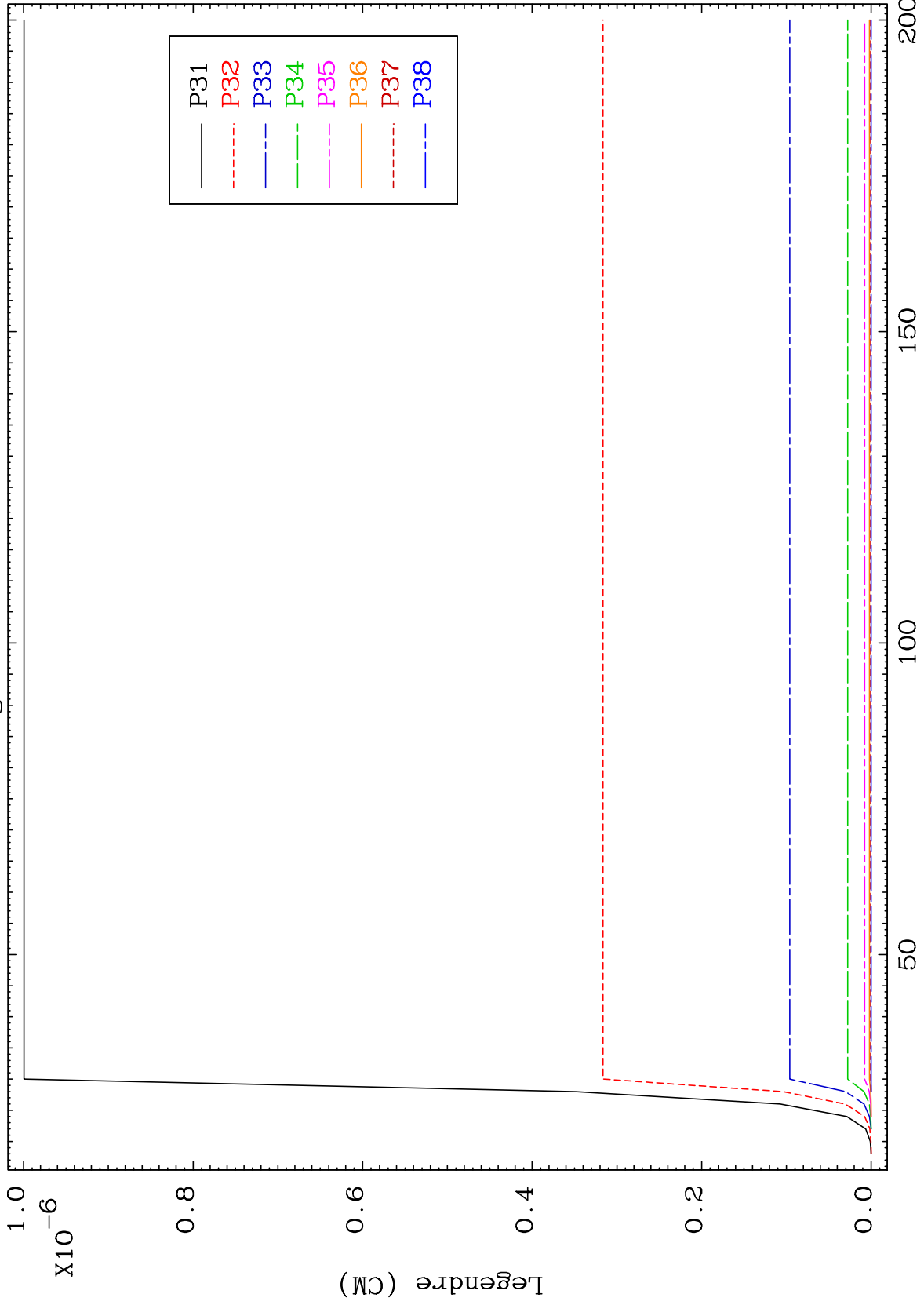
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



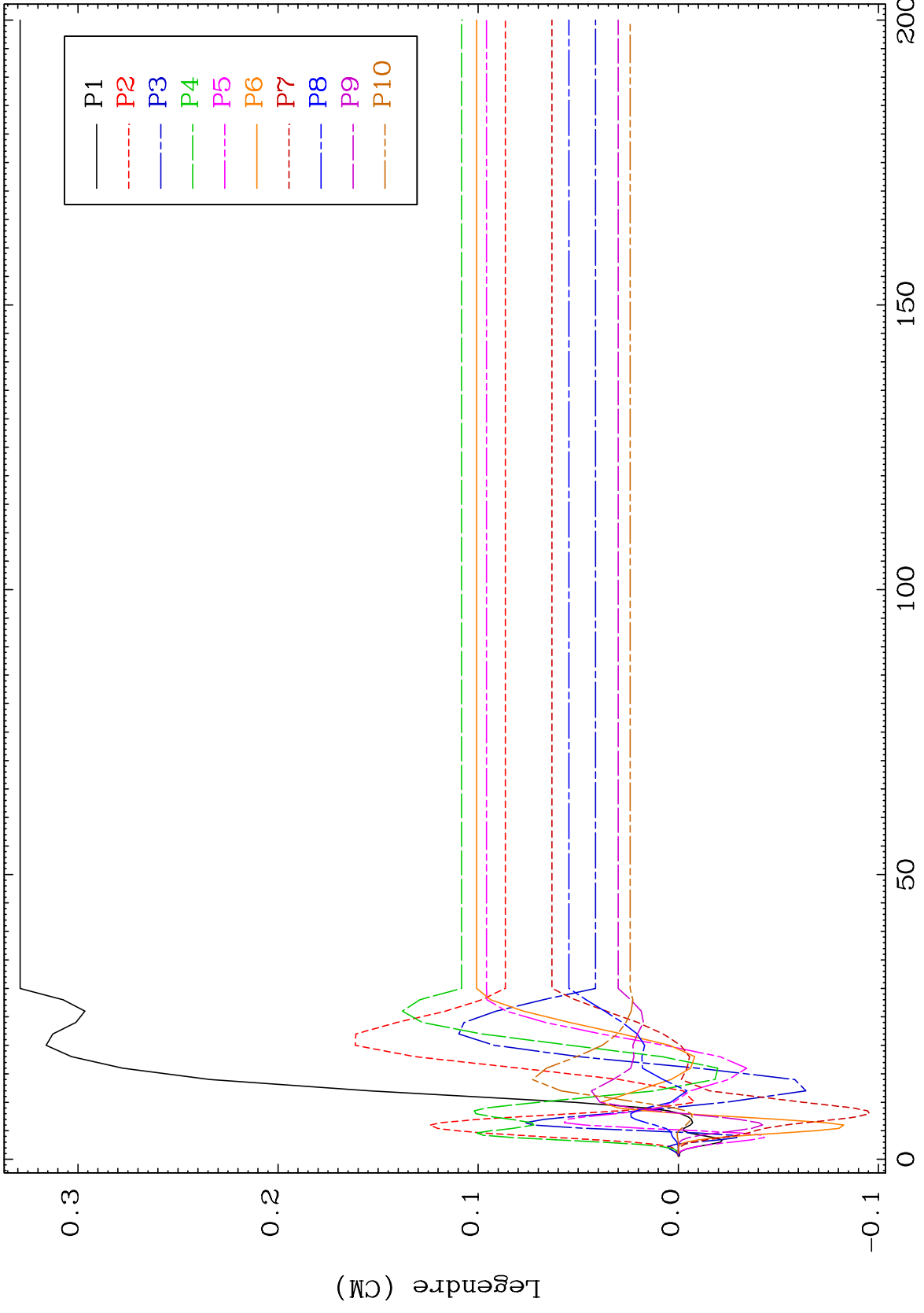
91

79-Au-185

MAT 7889

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

79-Au-185



92

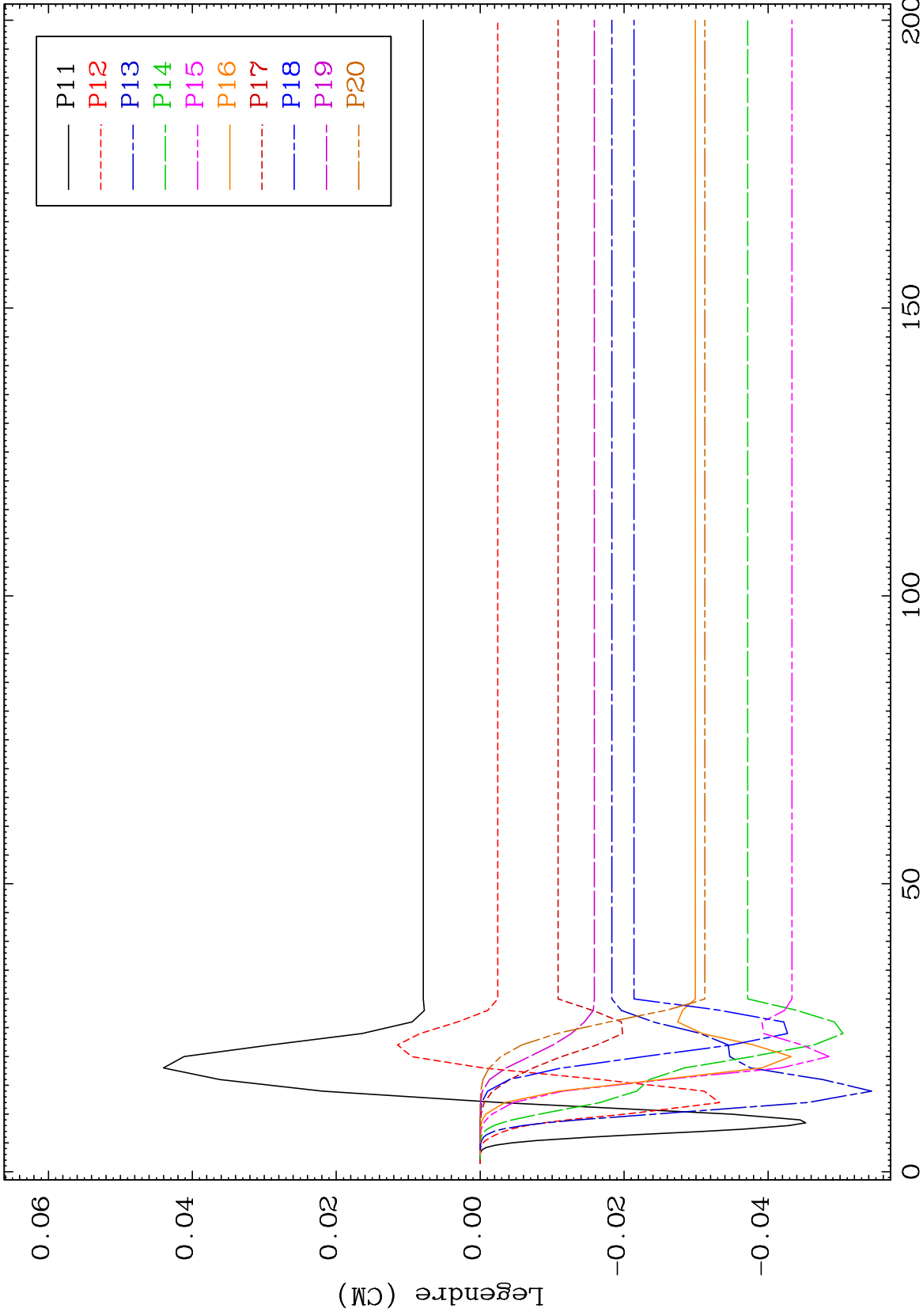
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



93

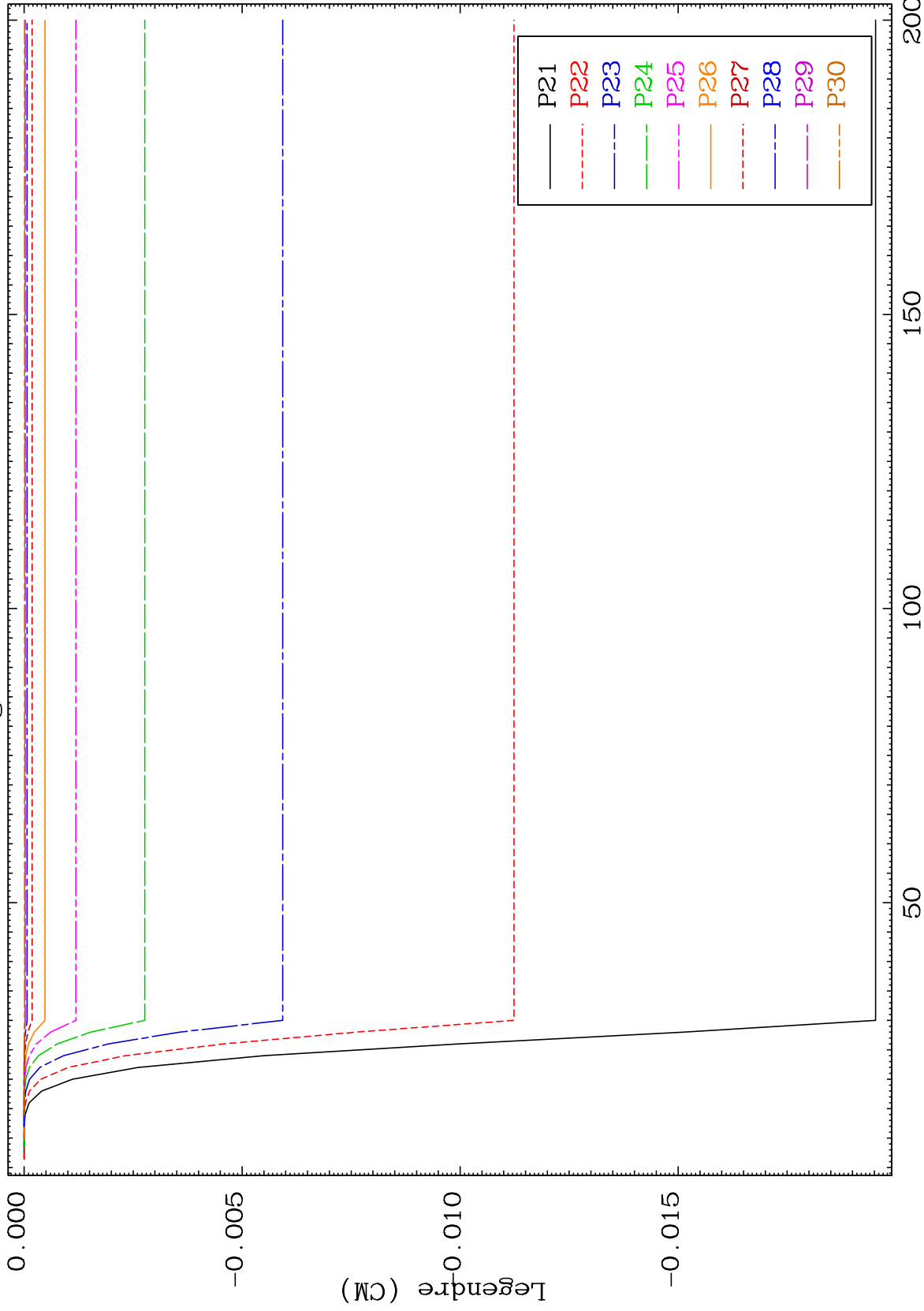
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



79-Au-185

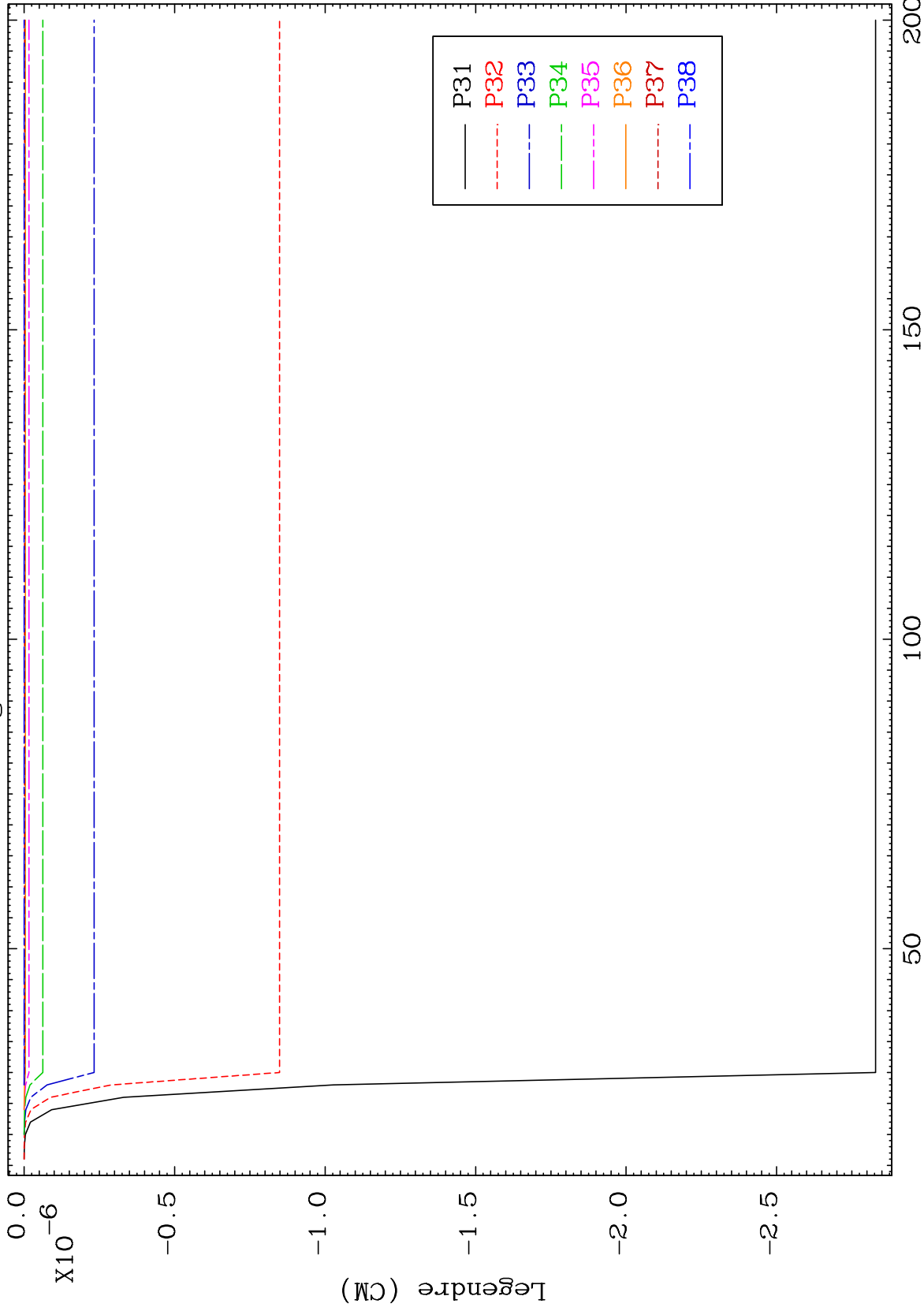
Incident Energy (MeV)

94

MAT 7889

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

79-Au-185



95

Incident Energy (MeV)

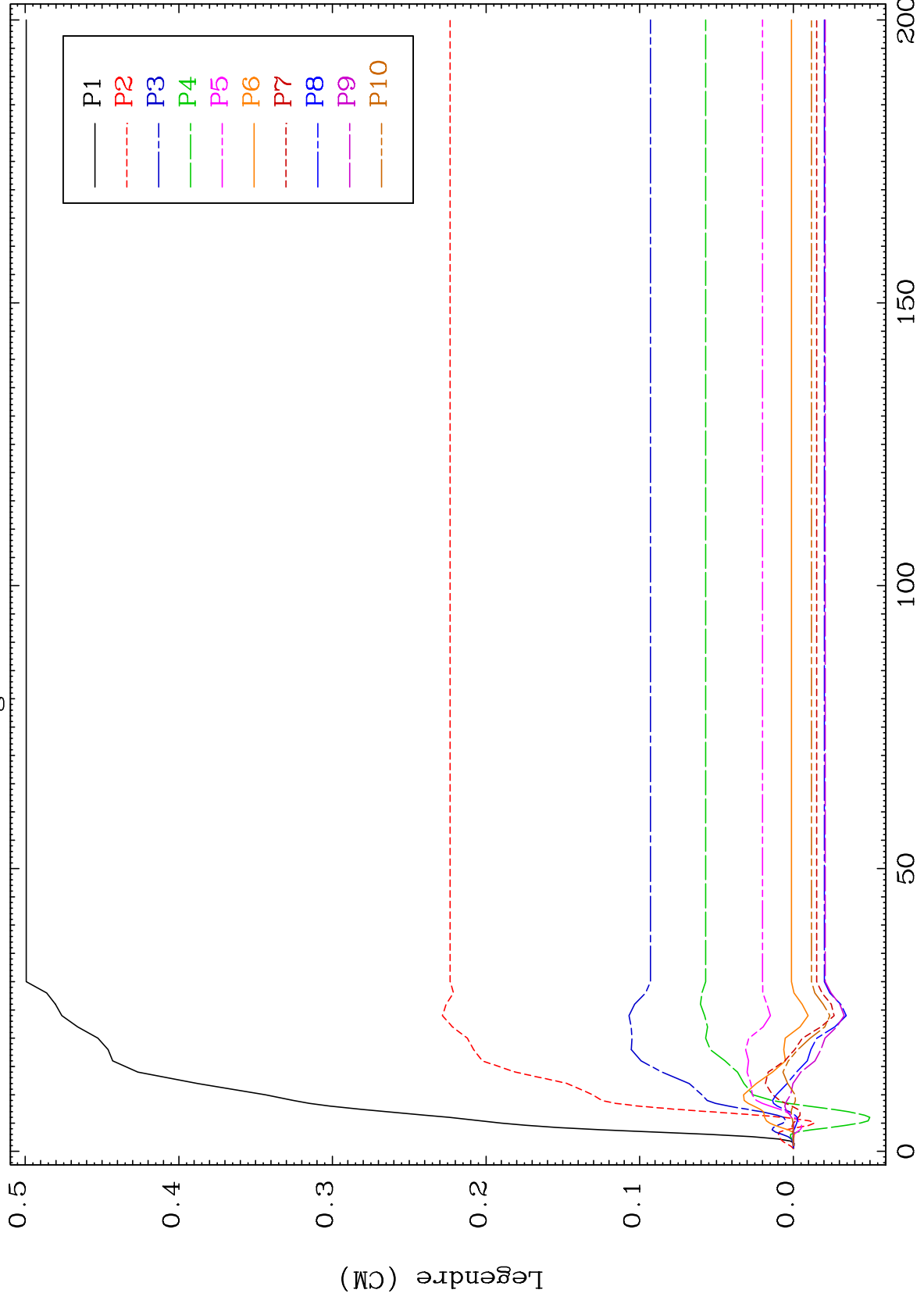
79-Au-185



MAT 7889

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

79-Au-185



96

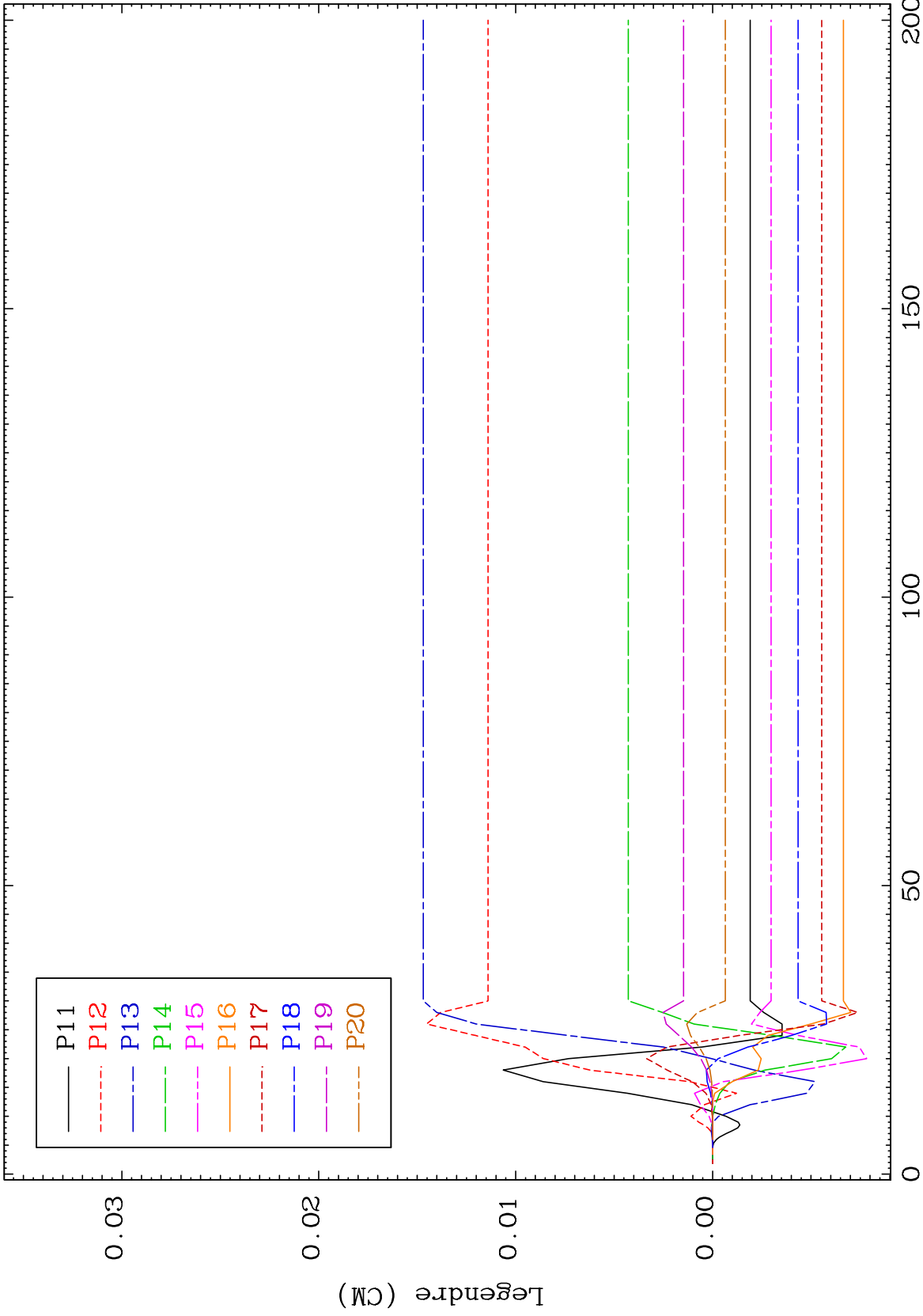
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



97

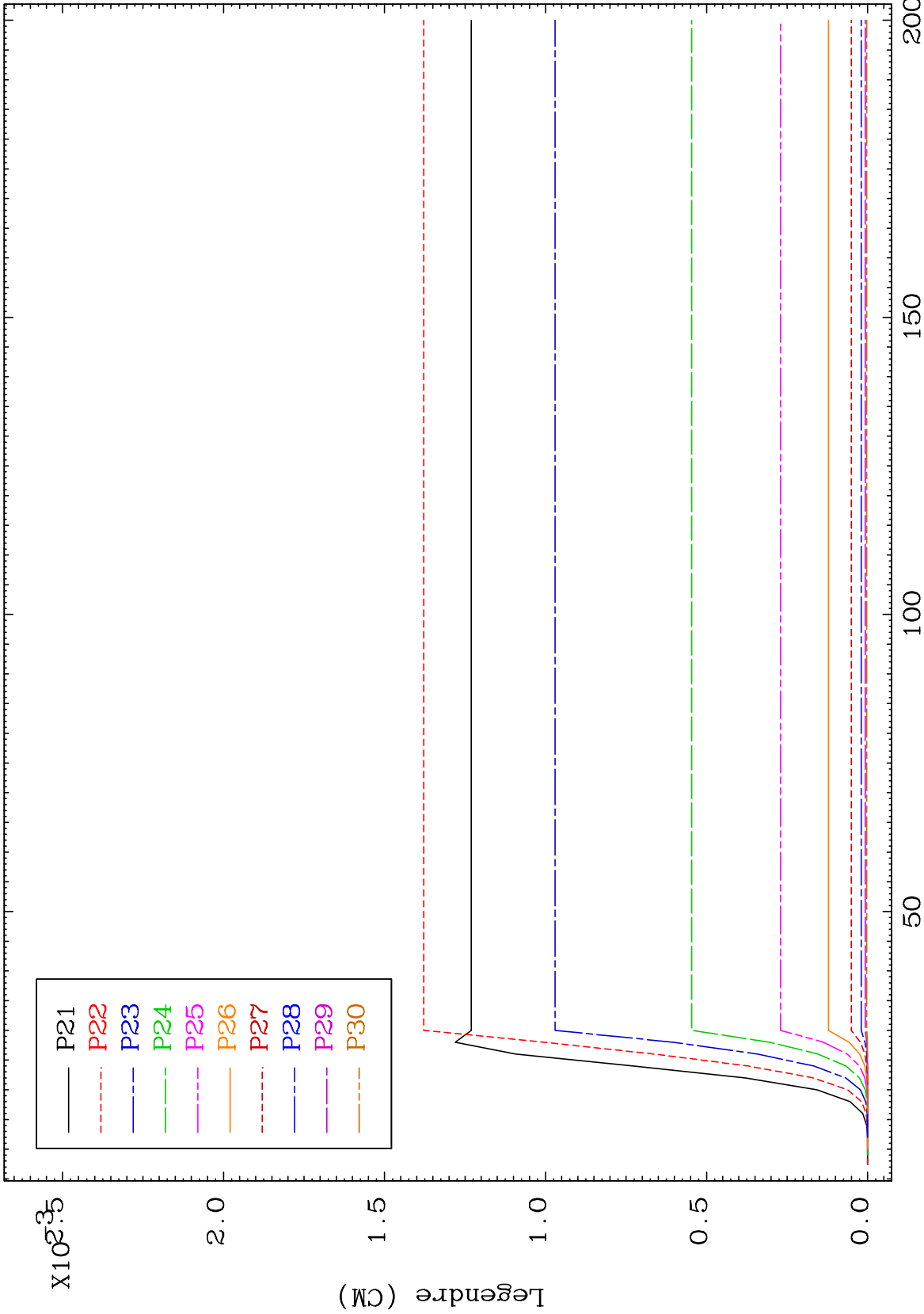
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



98

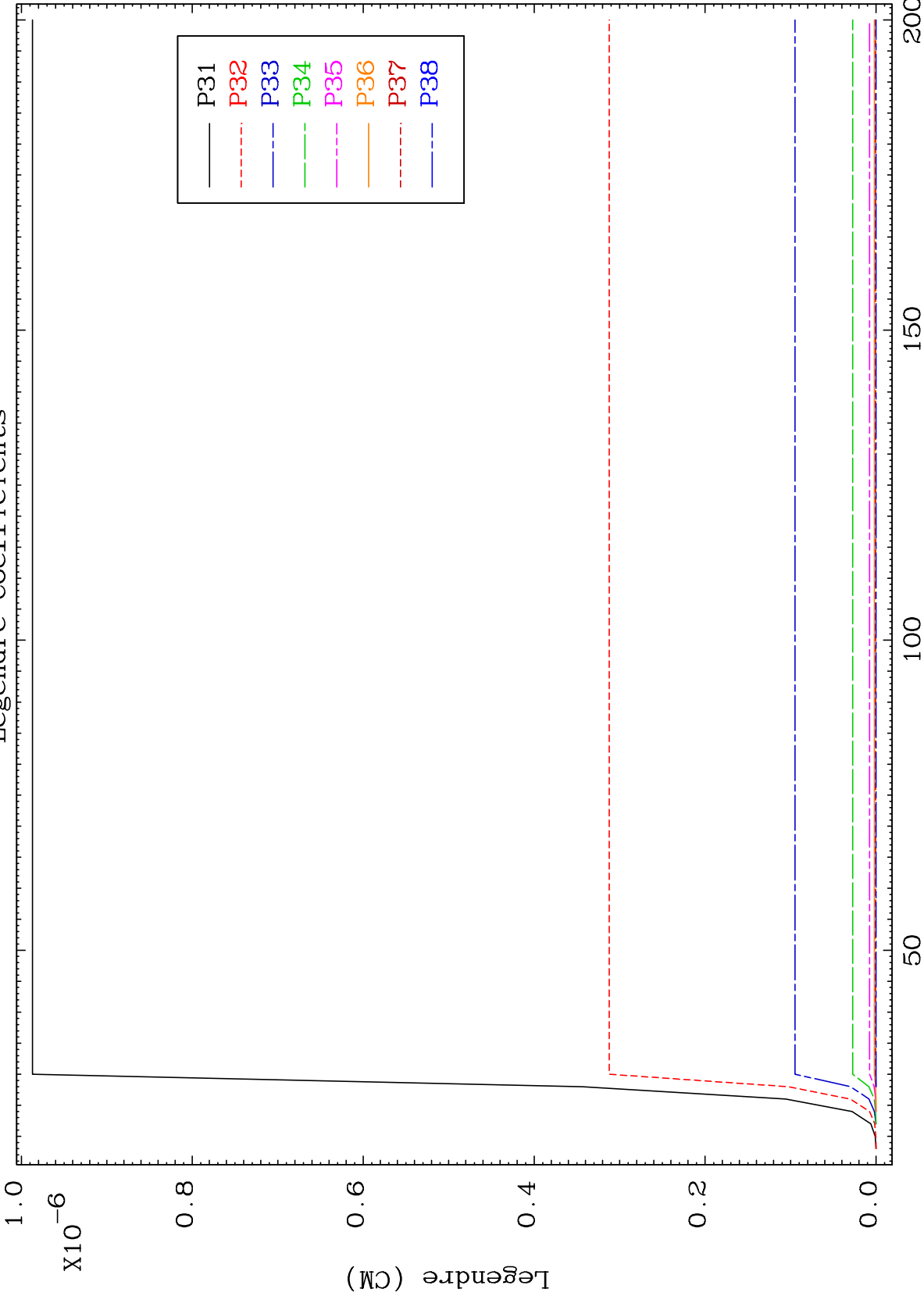
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



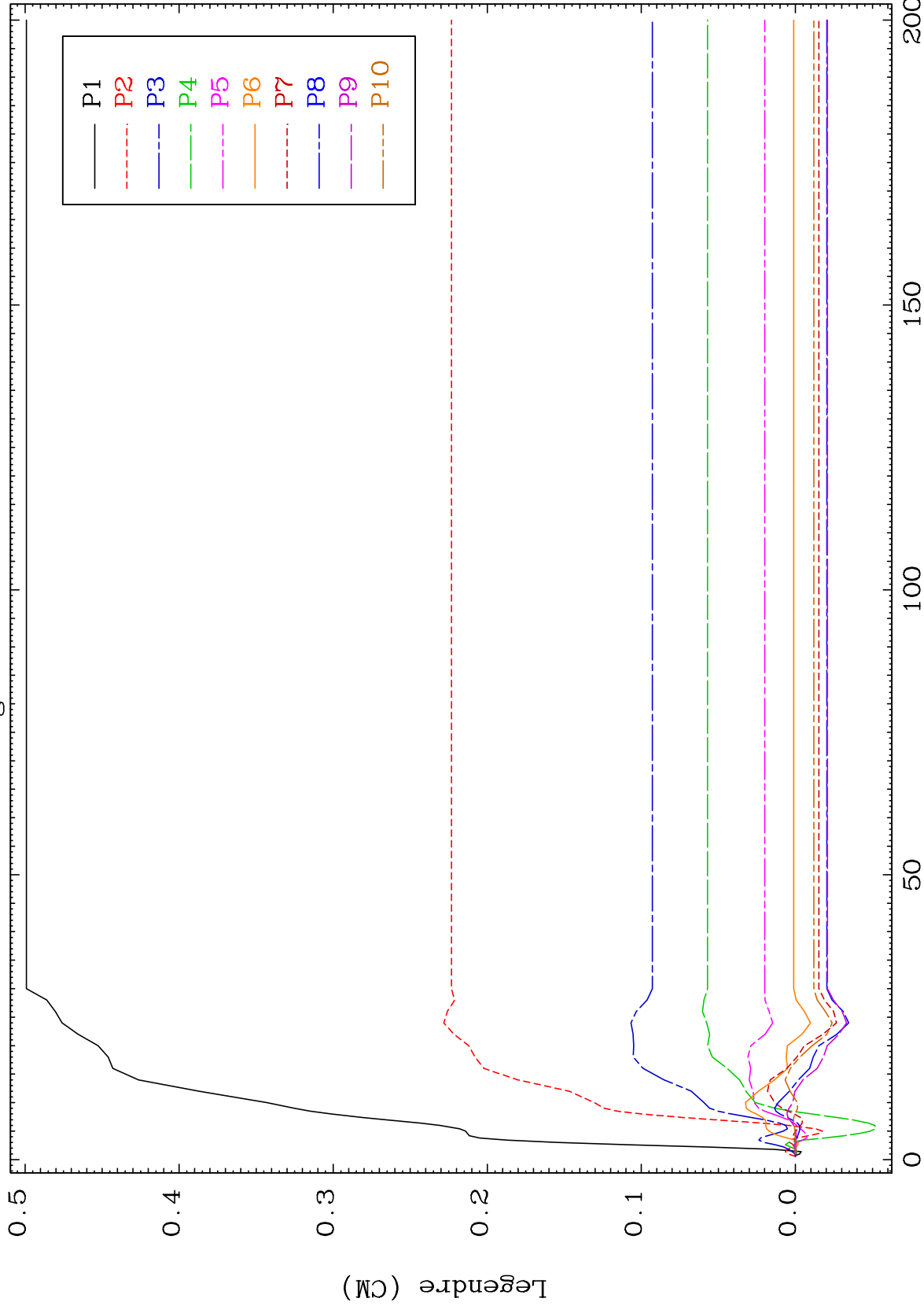
99

79-Au-185

MAT 7889

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

79-Au-185



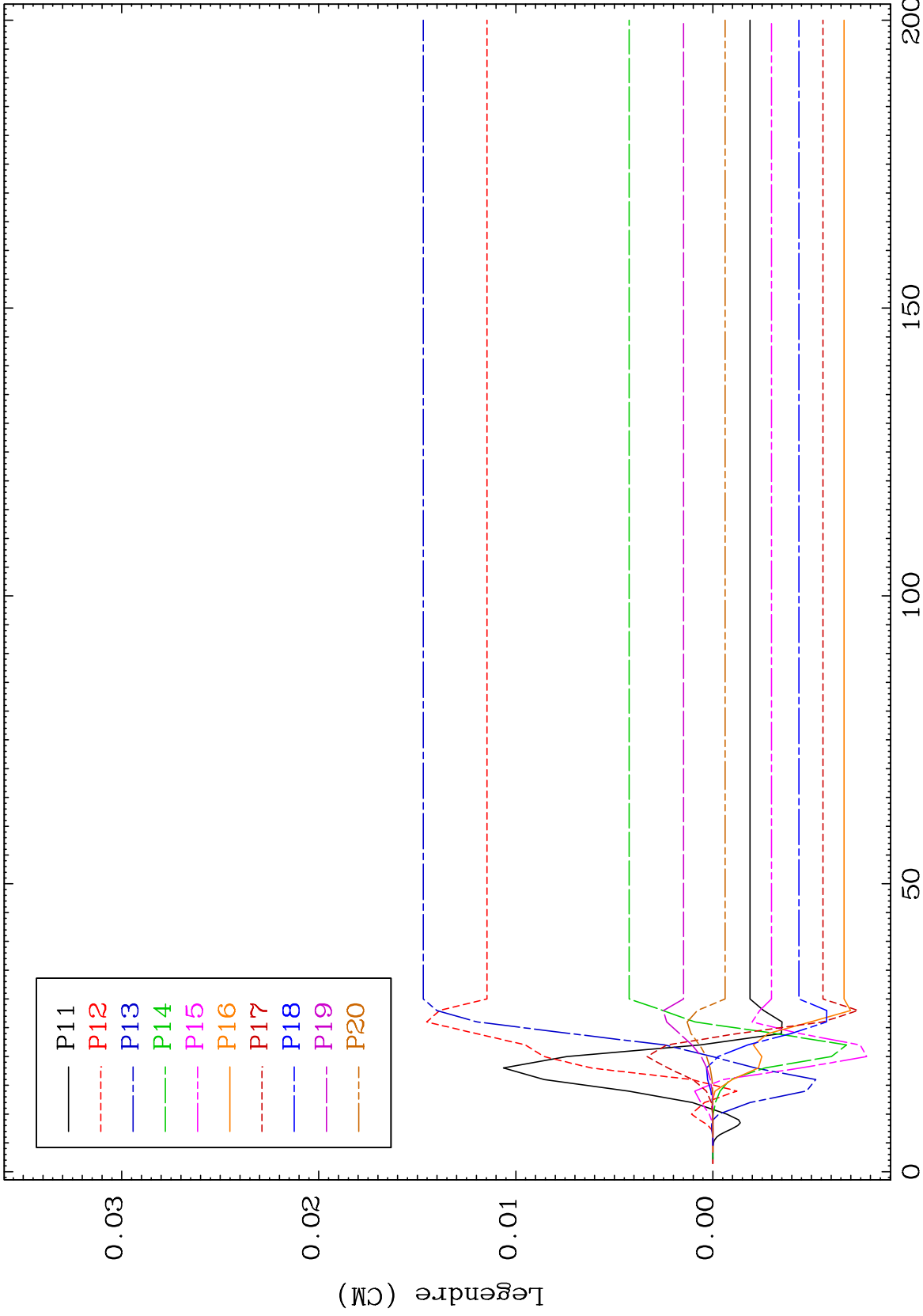
79-Au-185

Incident Energy (MeV)

MAT 7889

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

79-Au-185



101

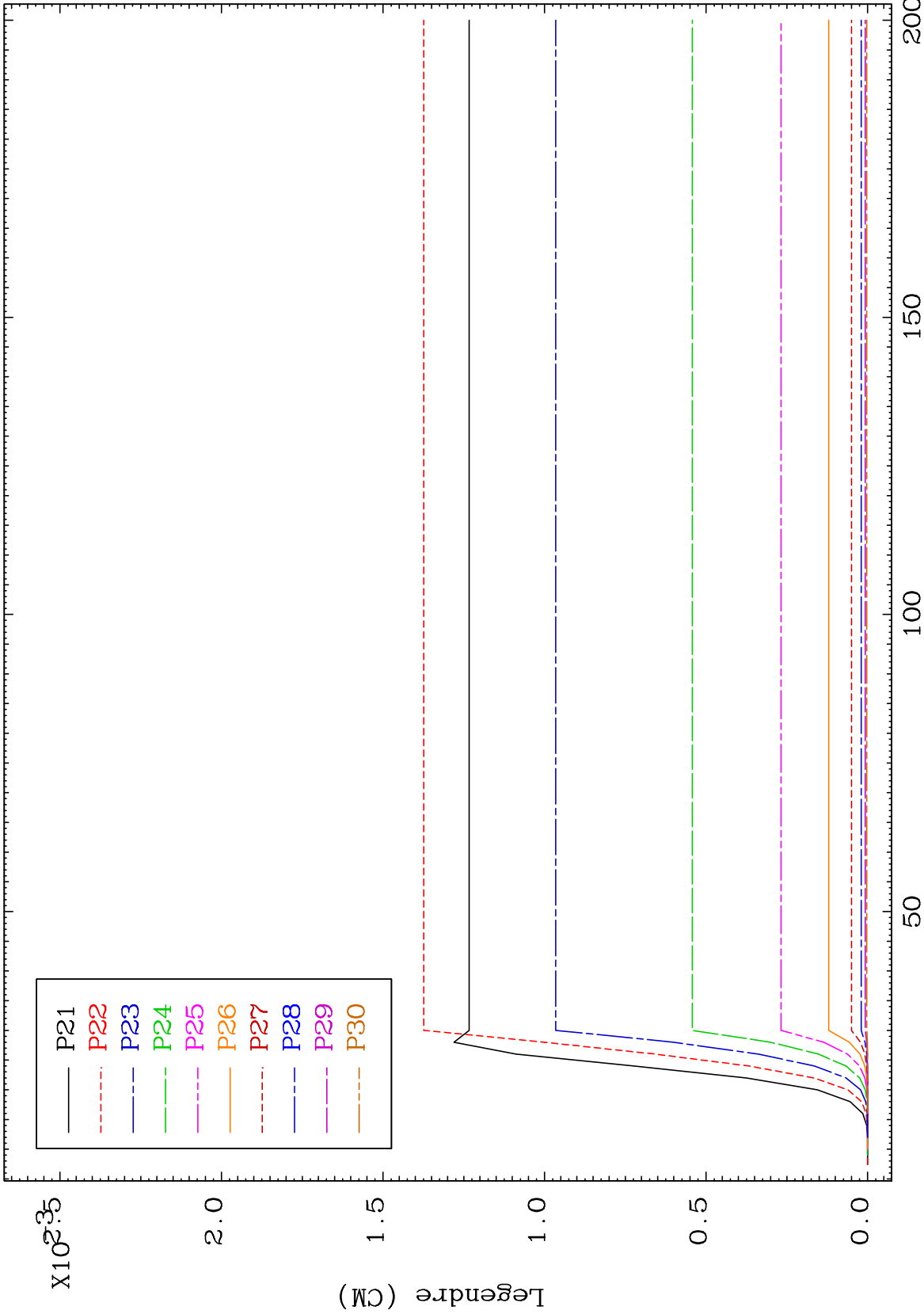
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



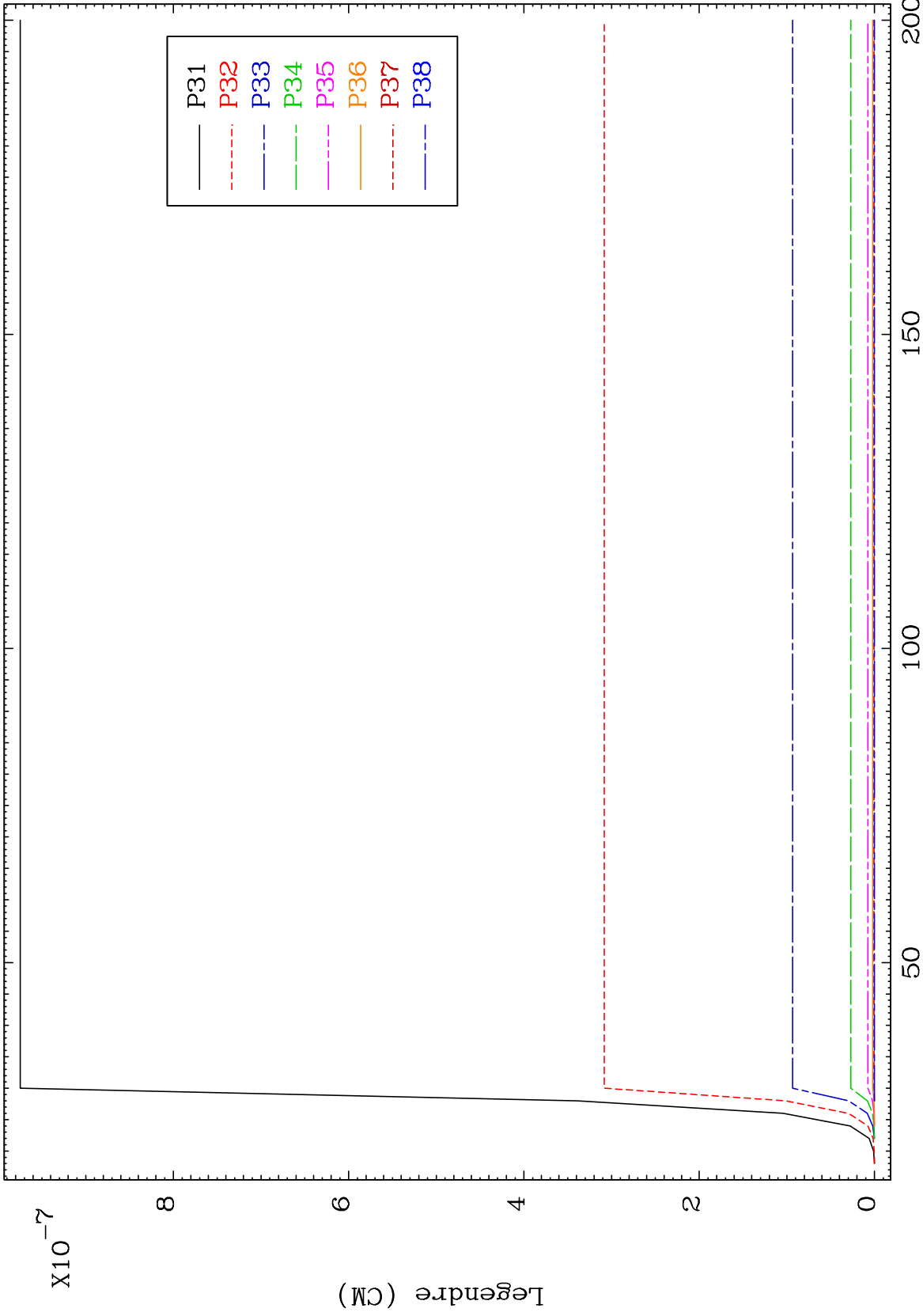
102

79-Au-185

MAT 7889

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

79-Au-185



103

Incident Energy (MeV)

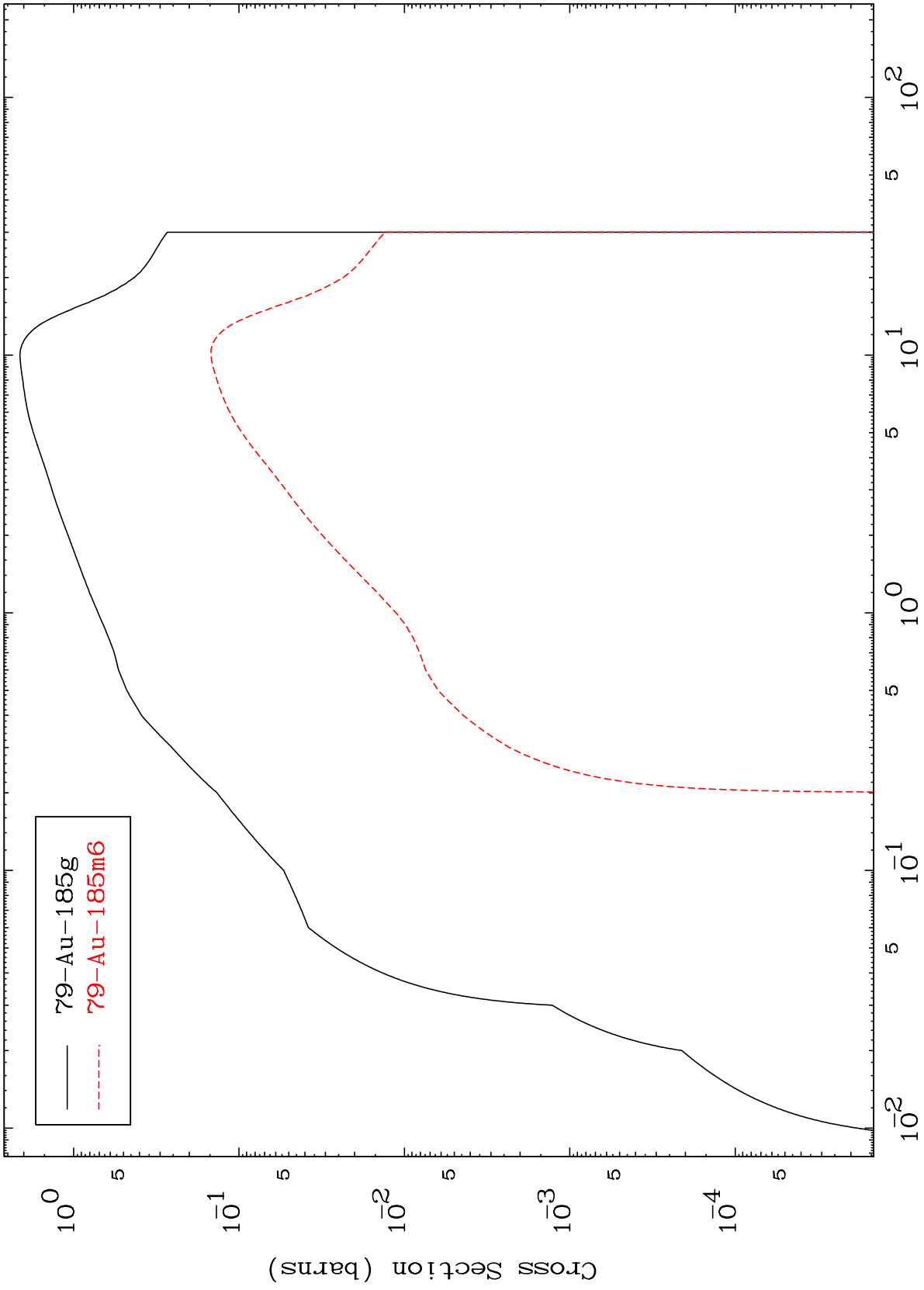
79-Au-185



MAT 7889

Inelastic  
Radionuclide Production Cross Section

<sup>79</sup>Au-185



104

Incident Energy (MeV)

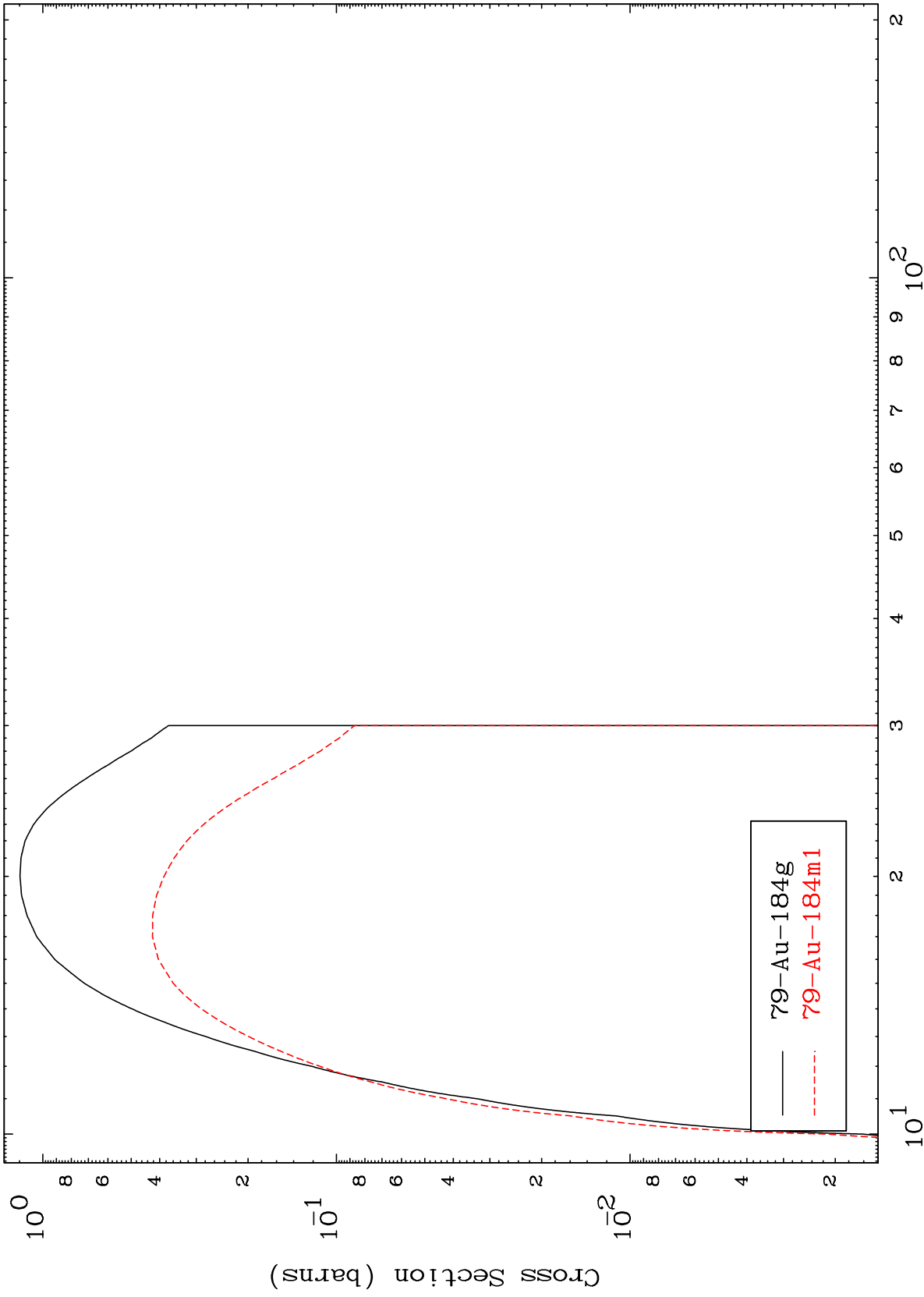
<sup>79</sup>Au-185

MAT 7889

<sup>79</sup>Au-185

Radionuclide Production Cross Section

(n,2n)



105

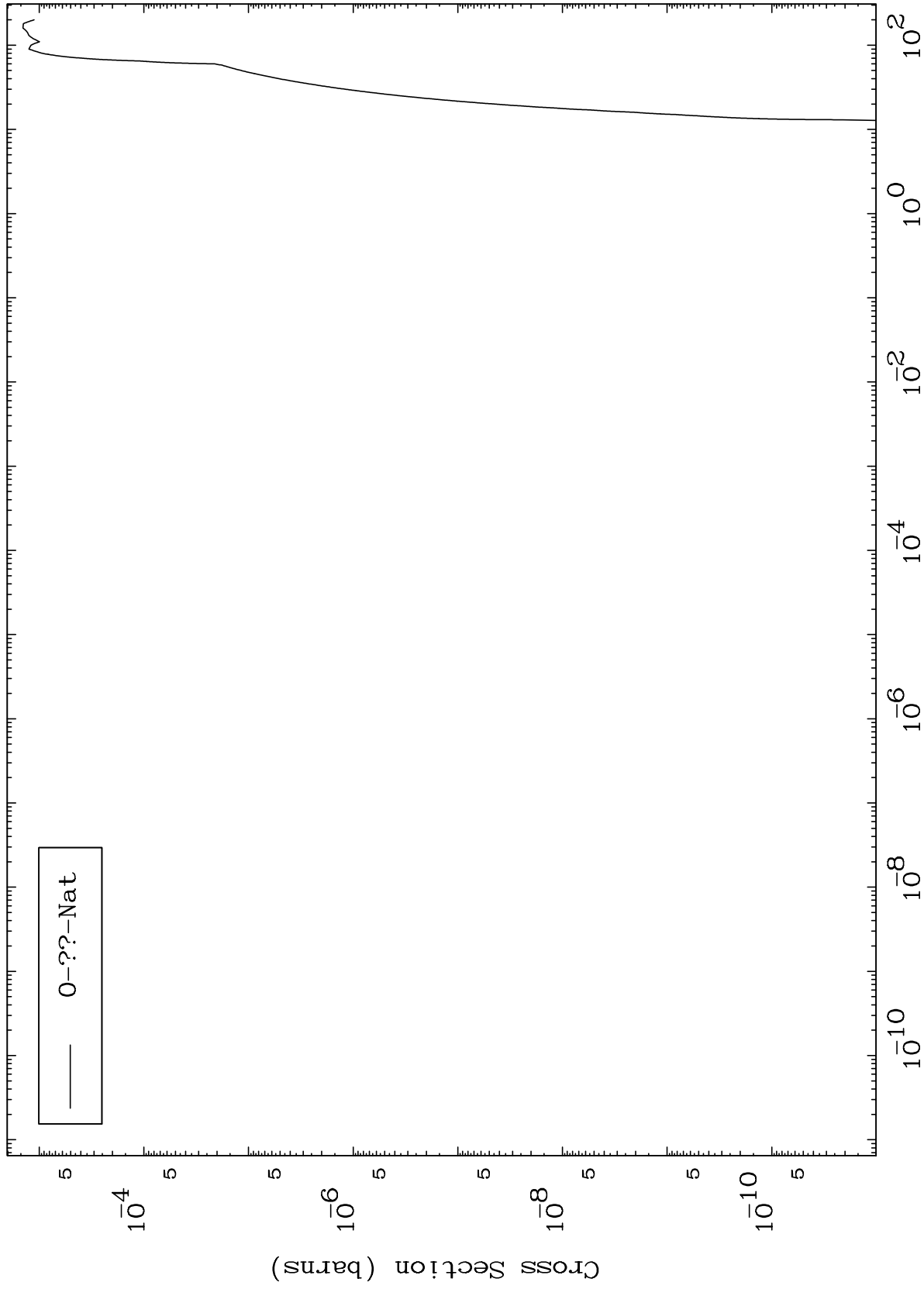
Incident Energy (MeV)

<sup>79</sup>Au-185

MAT 7889

Fission  
Radionuclide Production Cross Section

<sup>79</sup>Au-185



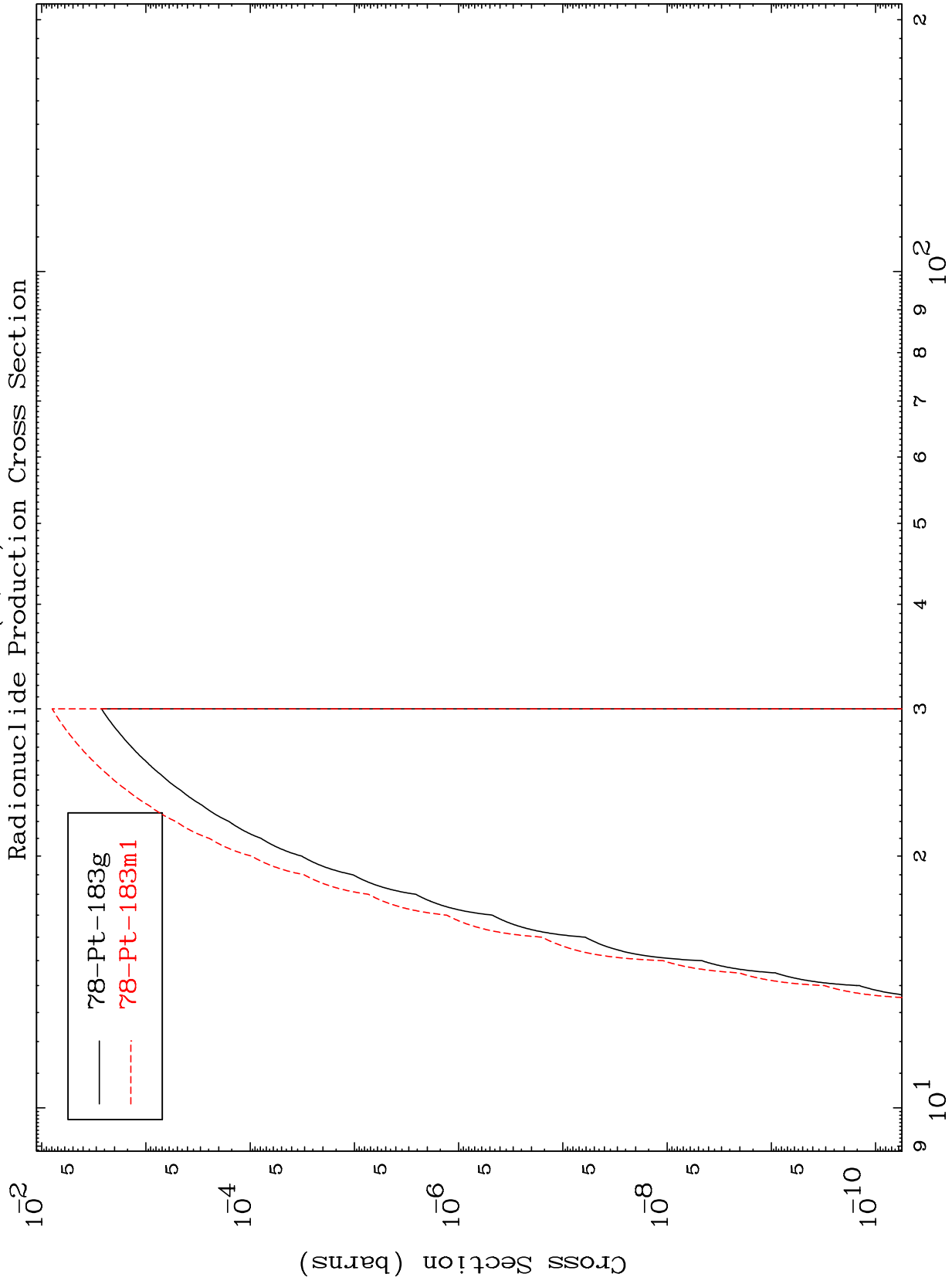
106

<sup>79</sup>Au-185

MAT 7889

(n,n') d

79-Au-185



107

Incident Energy (MeV)

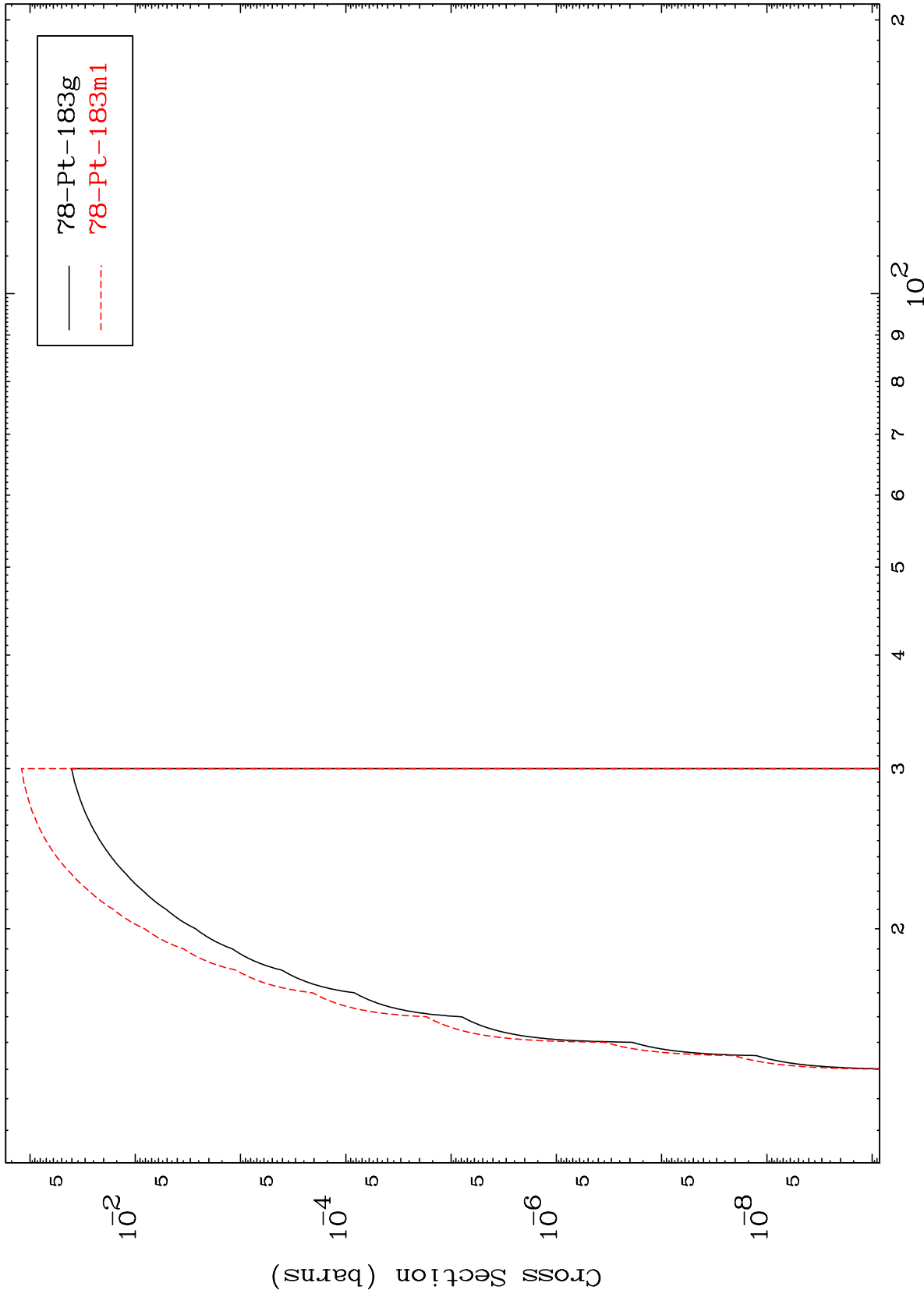
79-Au-185

MAT 7889

(n,2n) p

79-Au-185

Radionuclide Production Cross Section



108

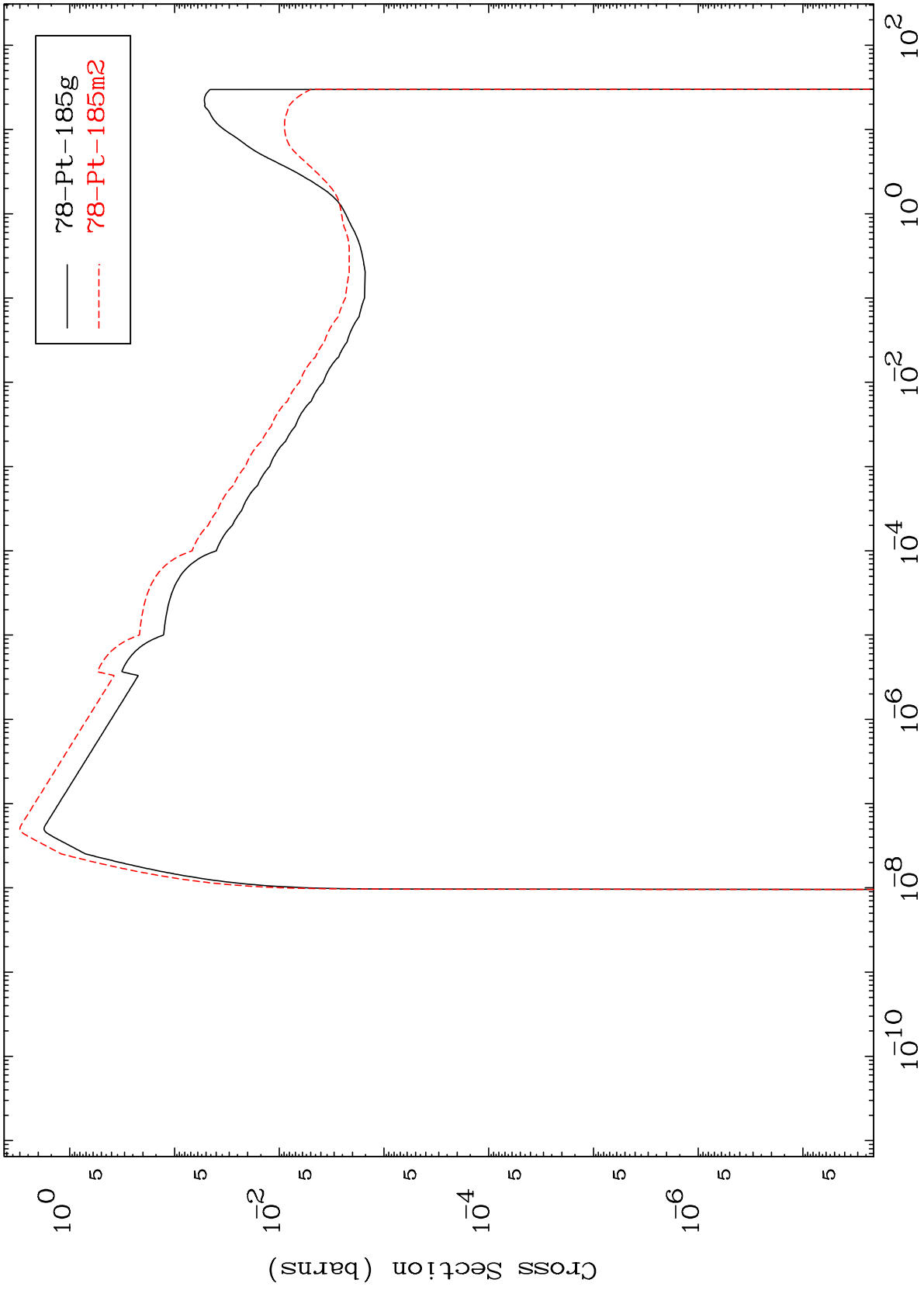
Incident Energy (MeV)

79-Au-185

MAT 7889

79-Au-185

(n,p)  
Radionuclide Production Cross Section



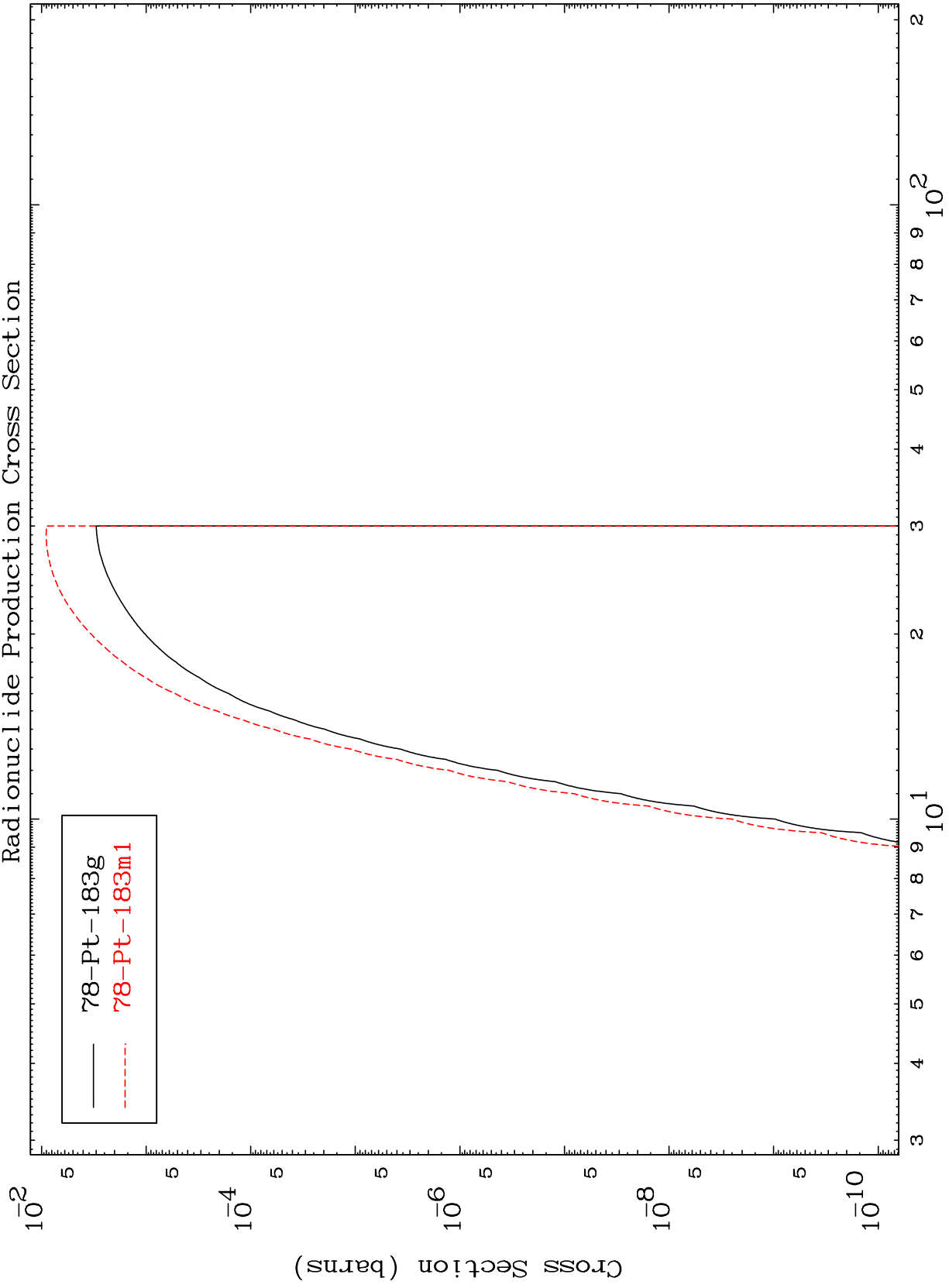
109

79-Au-185

MAT 7889

79-Au-185

(n, t)  
Radionuclide Production Cross Section



110

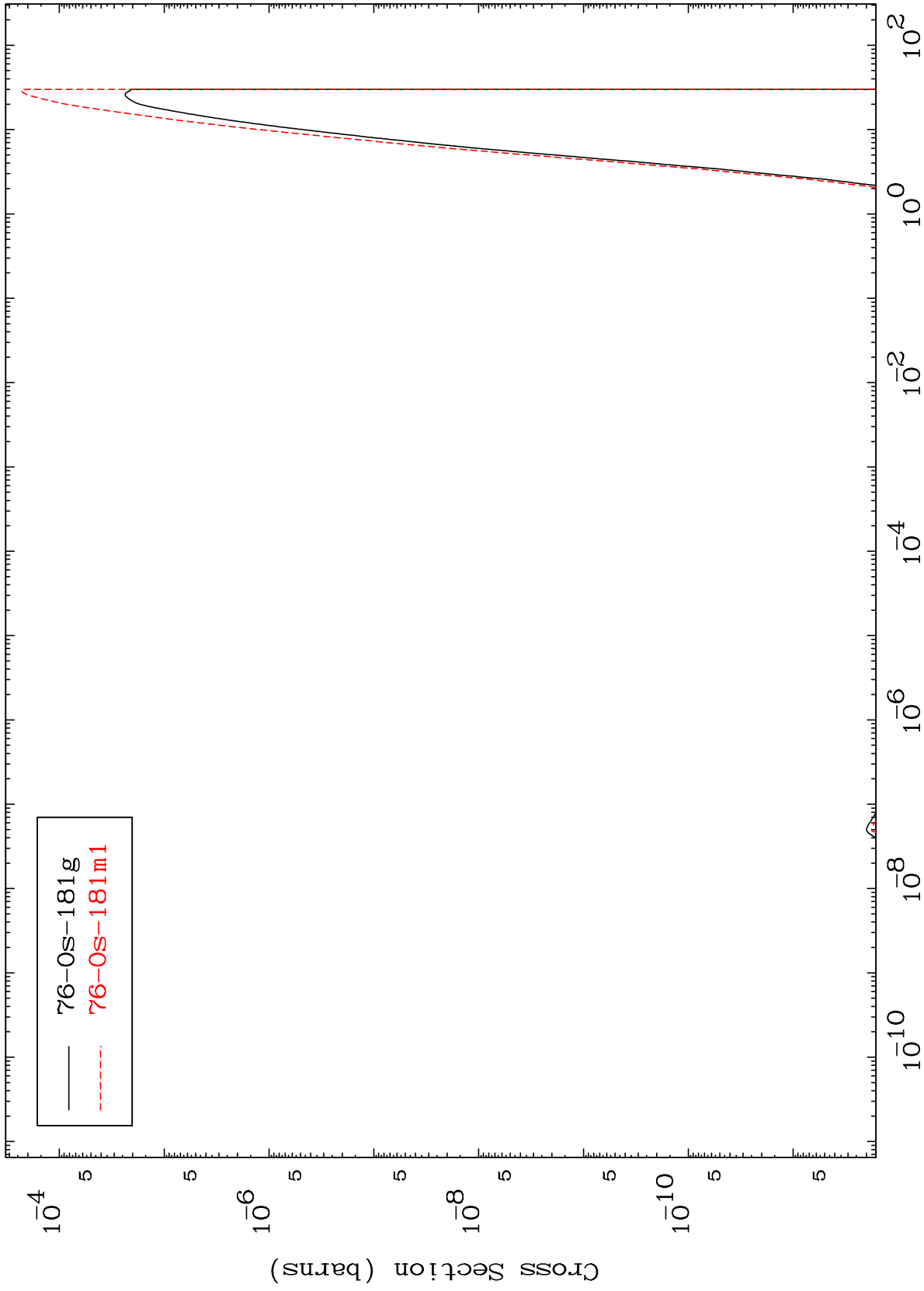
79-Au-185

MAT 7889

(n,p)  $\alpha$

79-Au-185

Radionuclide Production Cross Section



111

Incident Energy (MeV)

79-Au-185