

Program EVALPLOT  
(Version 2018-1)

by

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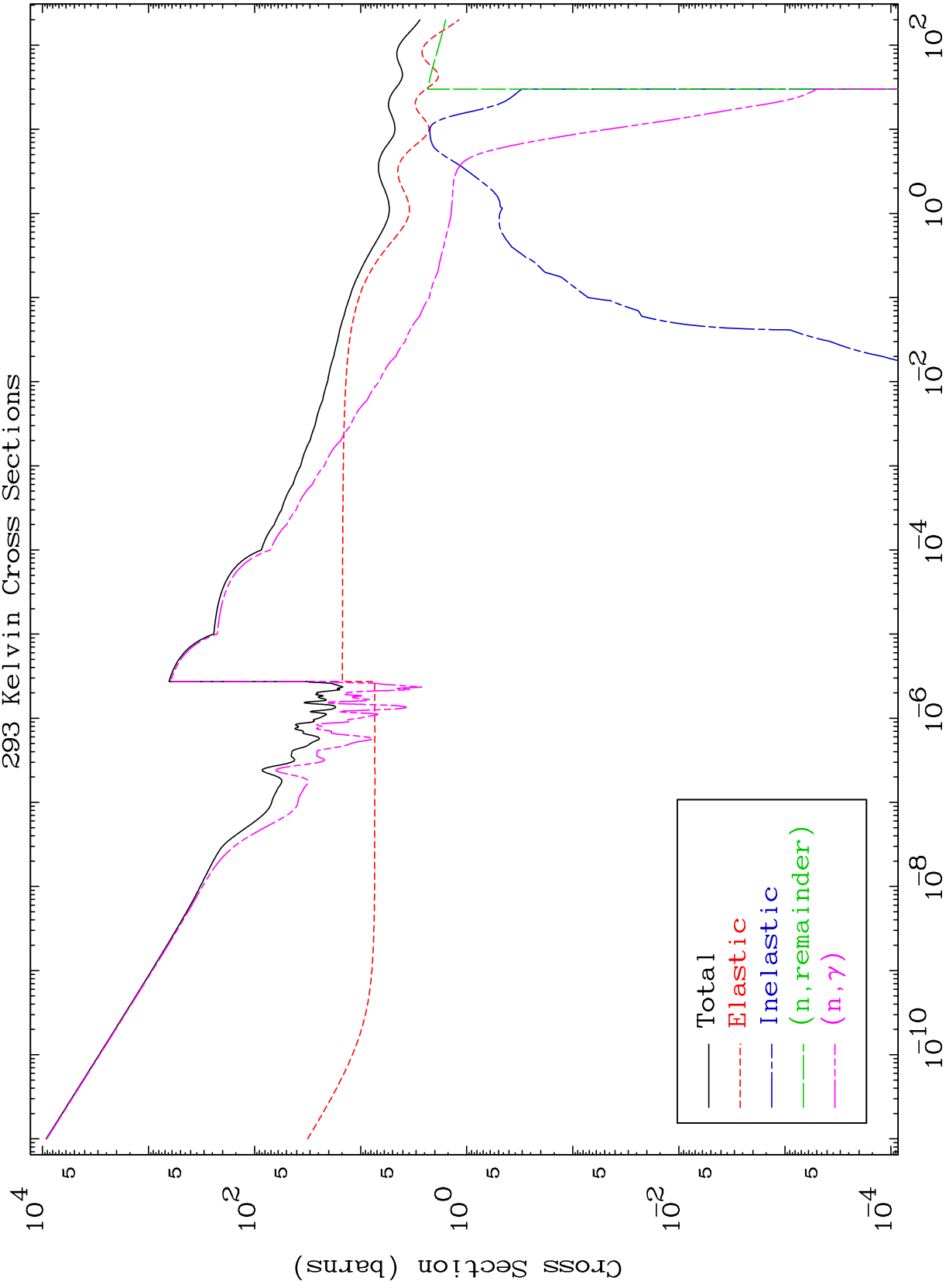
Press Mouse Button to Start

MAT 7883

Major

293 Kelvin Cross Sections

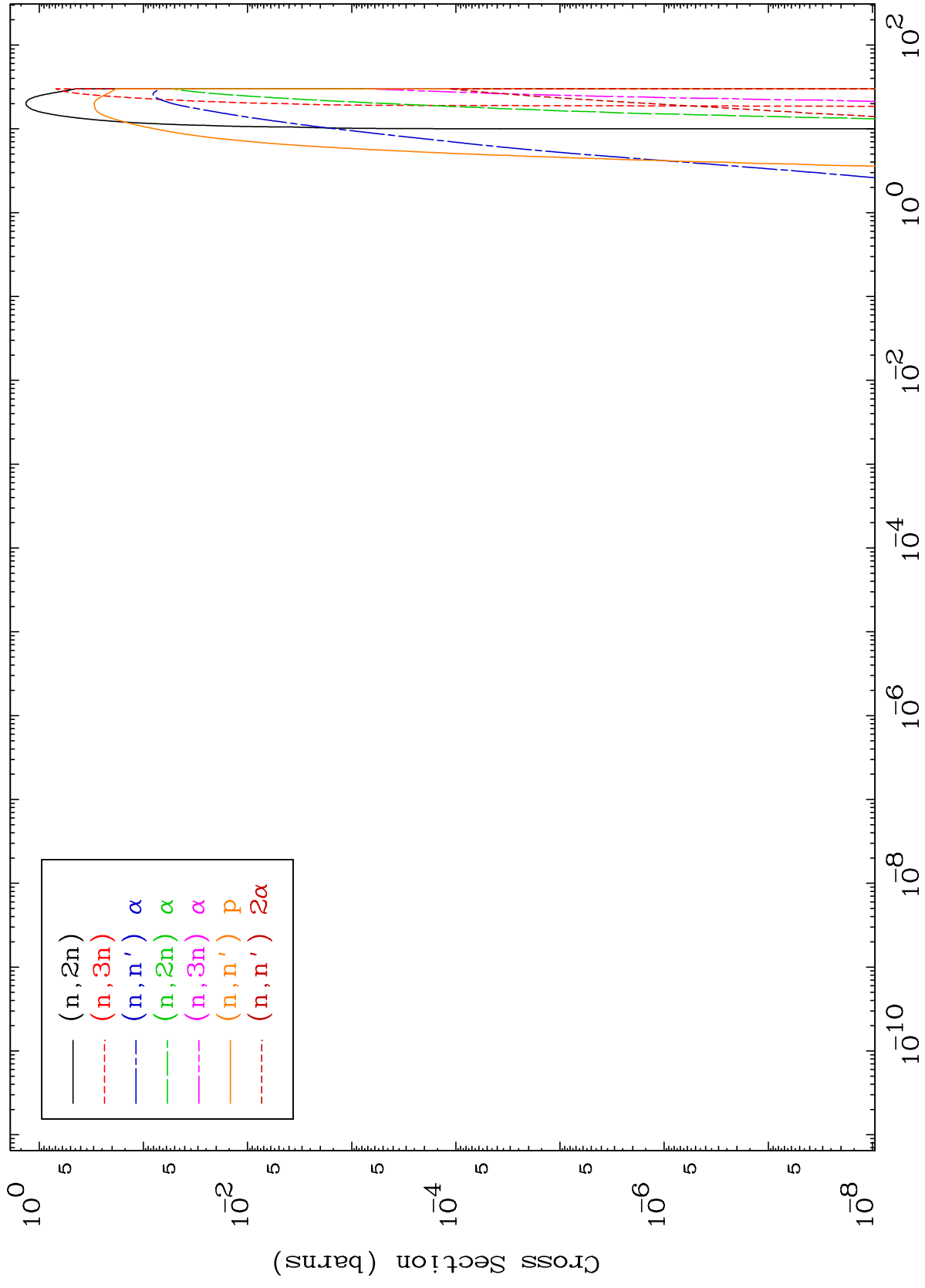
79-Au-183



MAT 7883

Neutron Production  
293 Kelvin Cross Sections

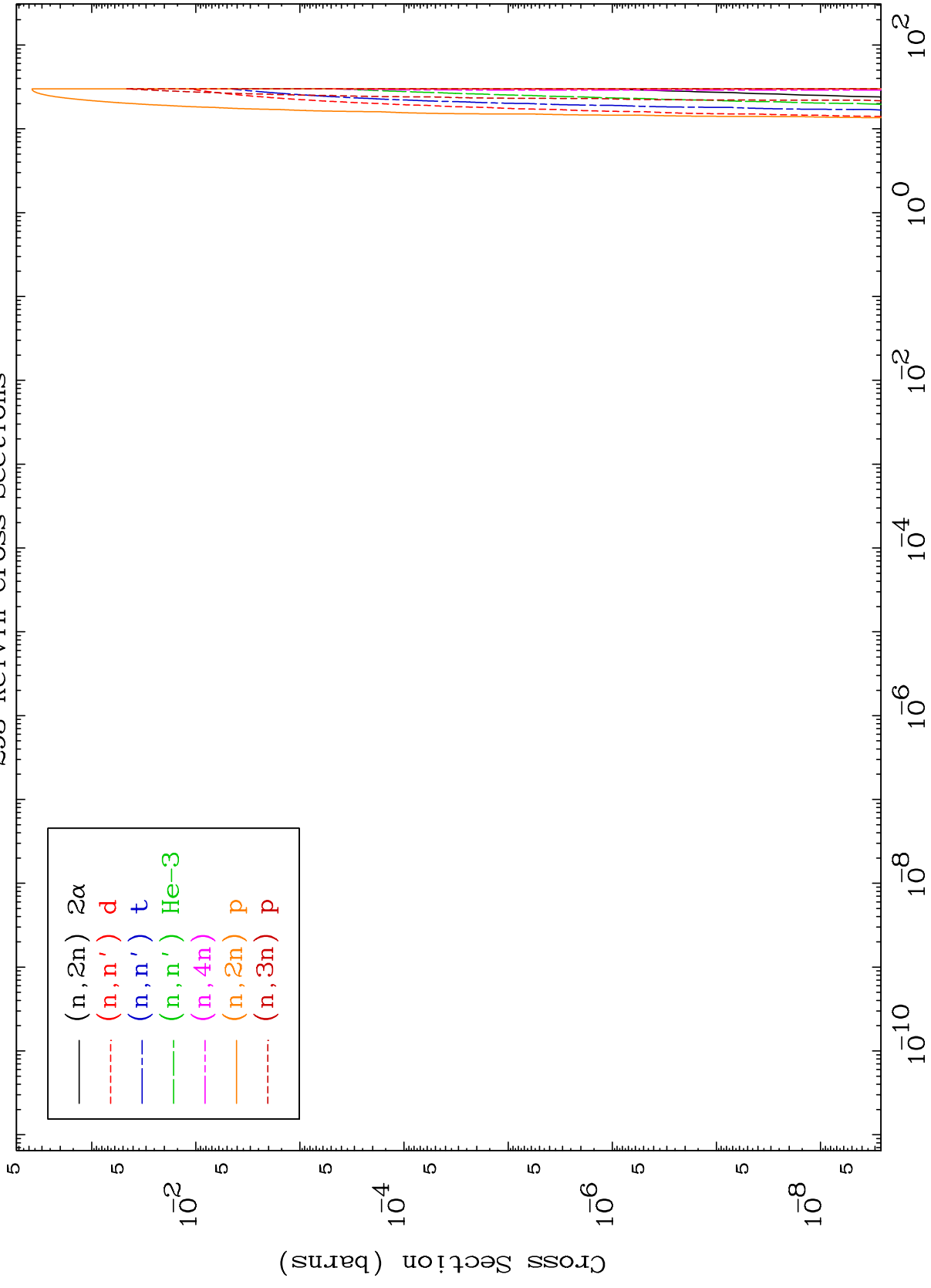
79-Au-183



MAT 7883

Neutron Production  
293 Kelvin Cross Sections

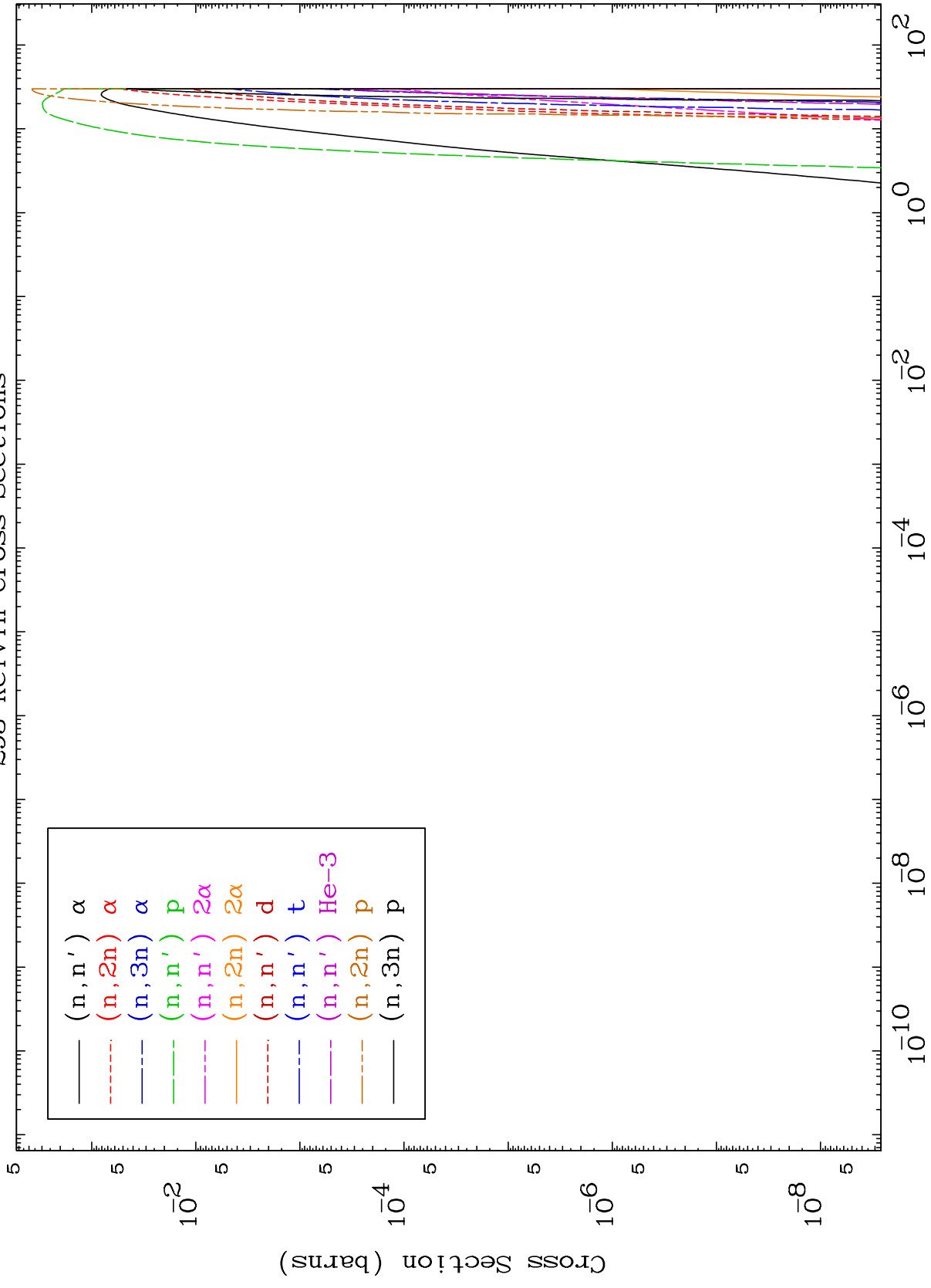
79-Au-183



MAT 7883

Charged Particle  
293 Kelvin Cross Sections

79-Au-183



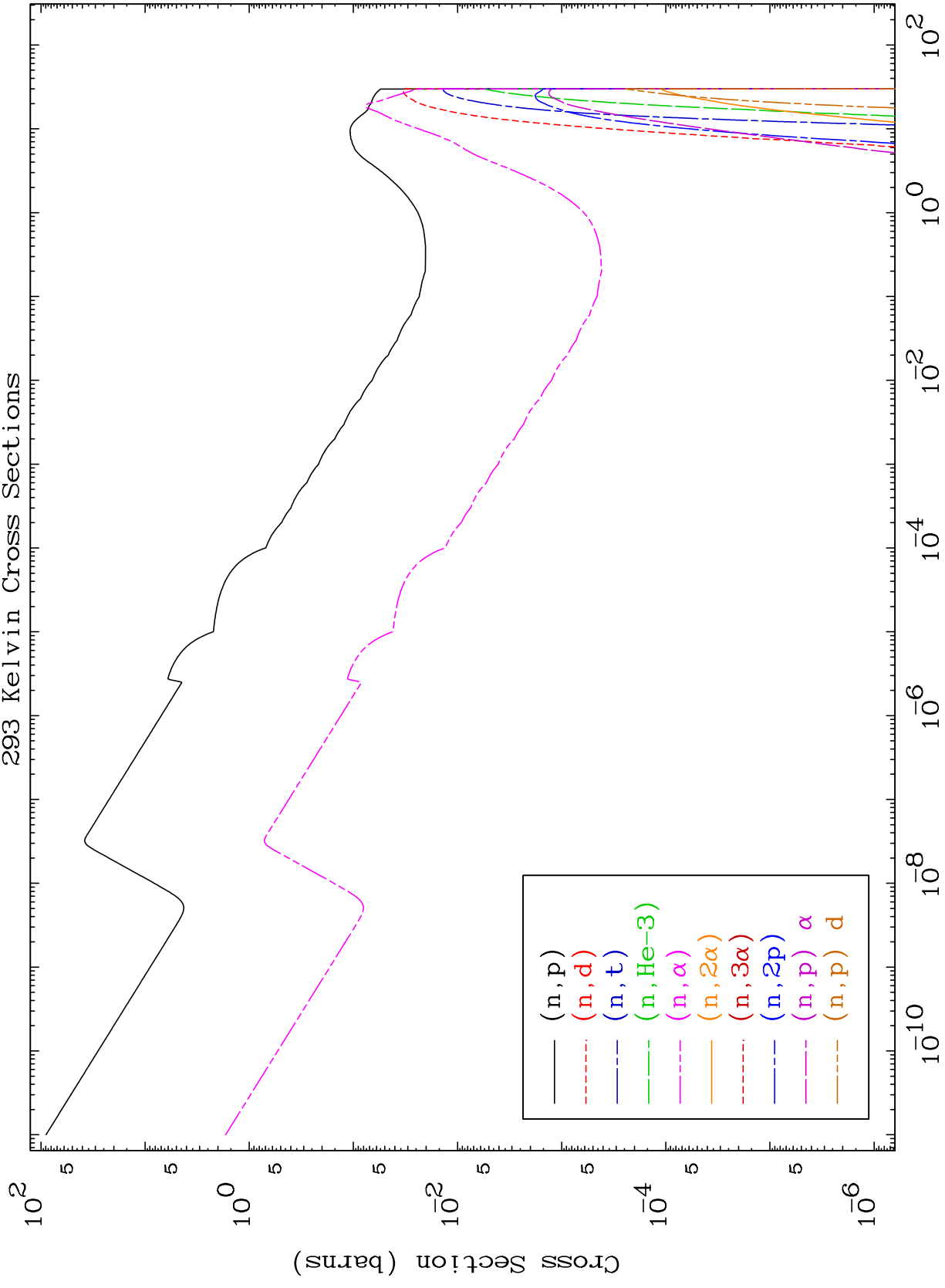
79-Au-183

Incident Energy (MeV)

MAT 7883

Charged Particle  
293 Kelvin Cross Sections

79-Au-183

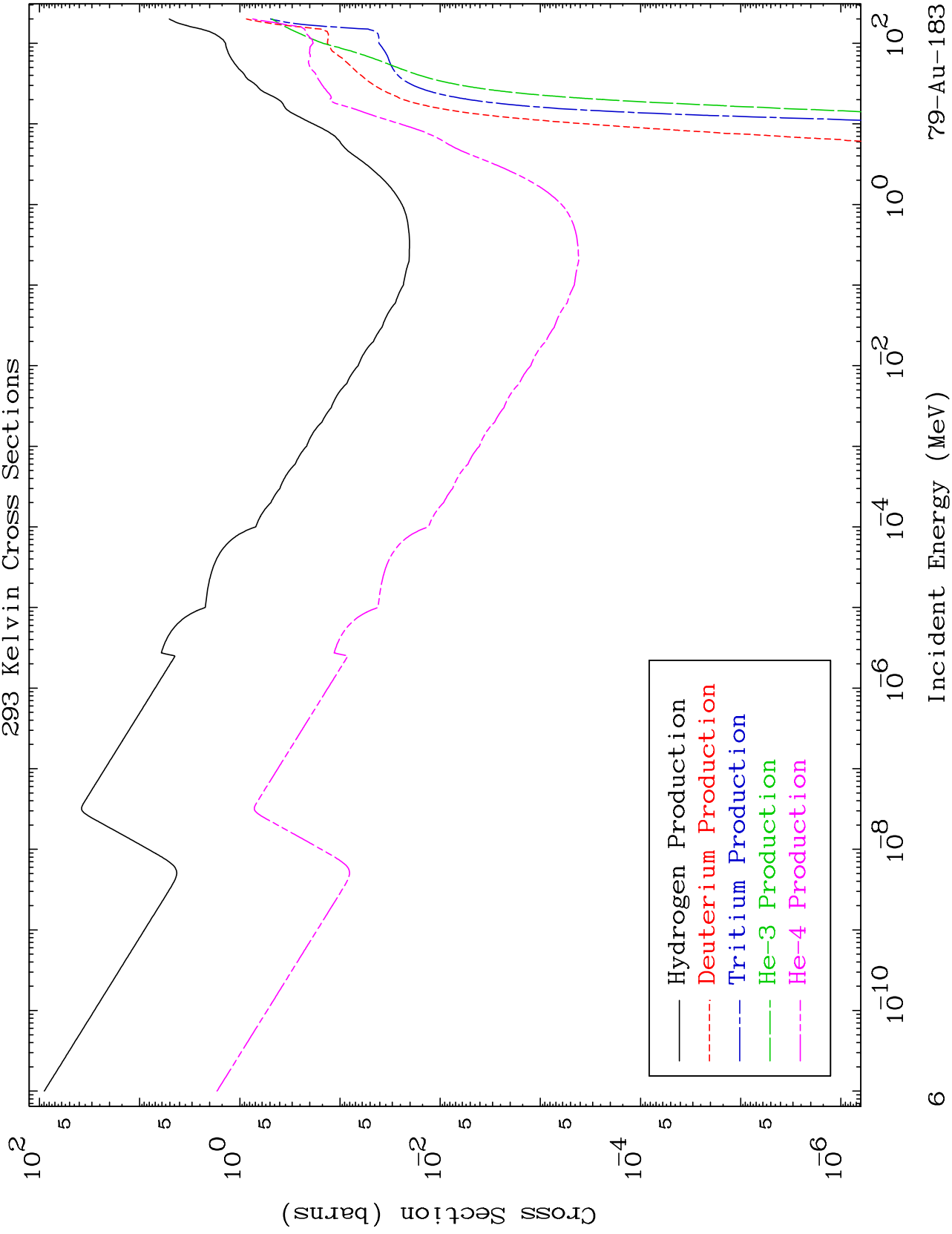


79-Au-183

MAT 7883

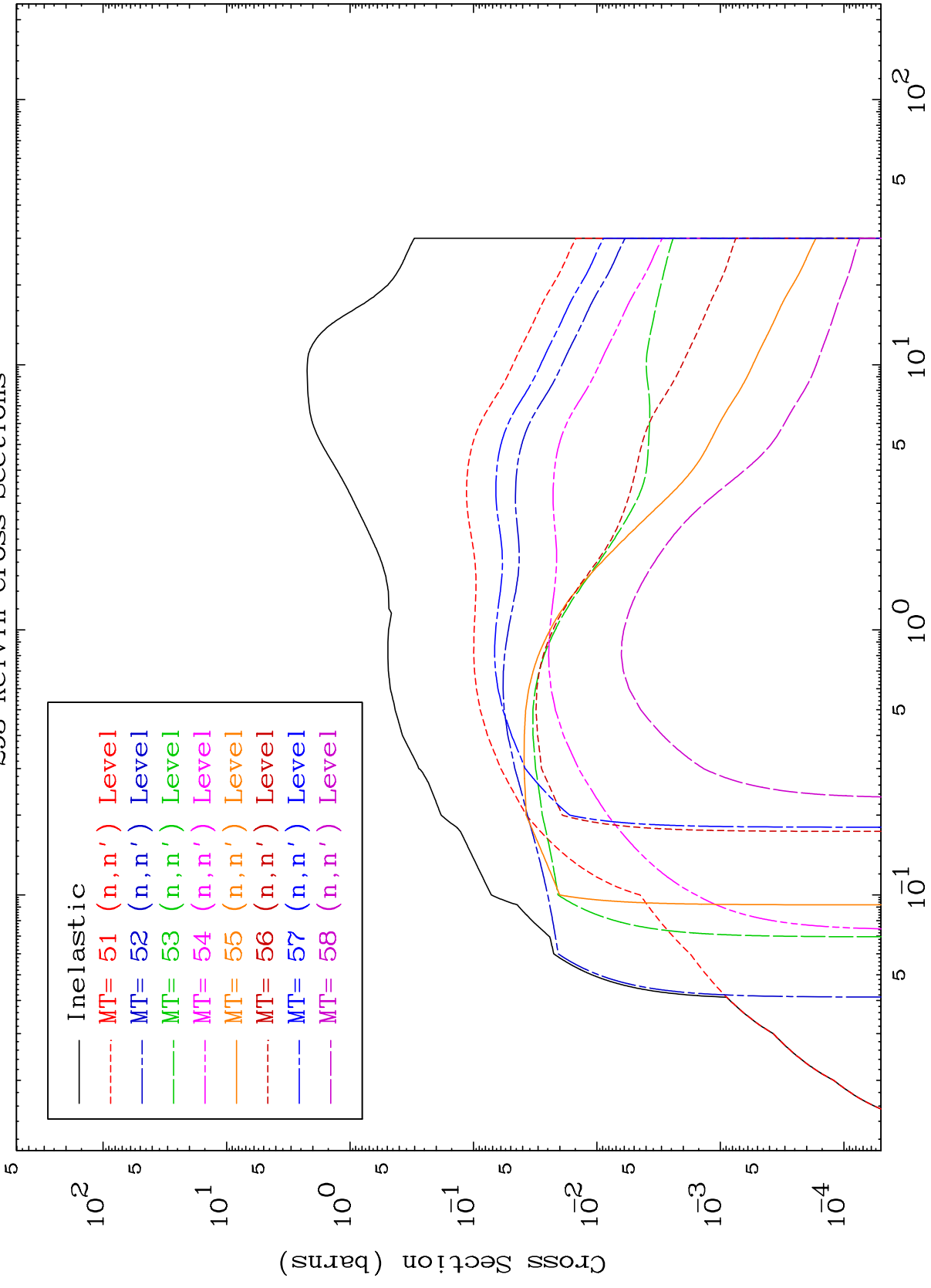
Particle Production  
293 Kelvin Cross Sections

79-Au-183

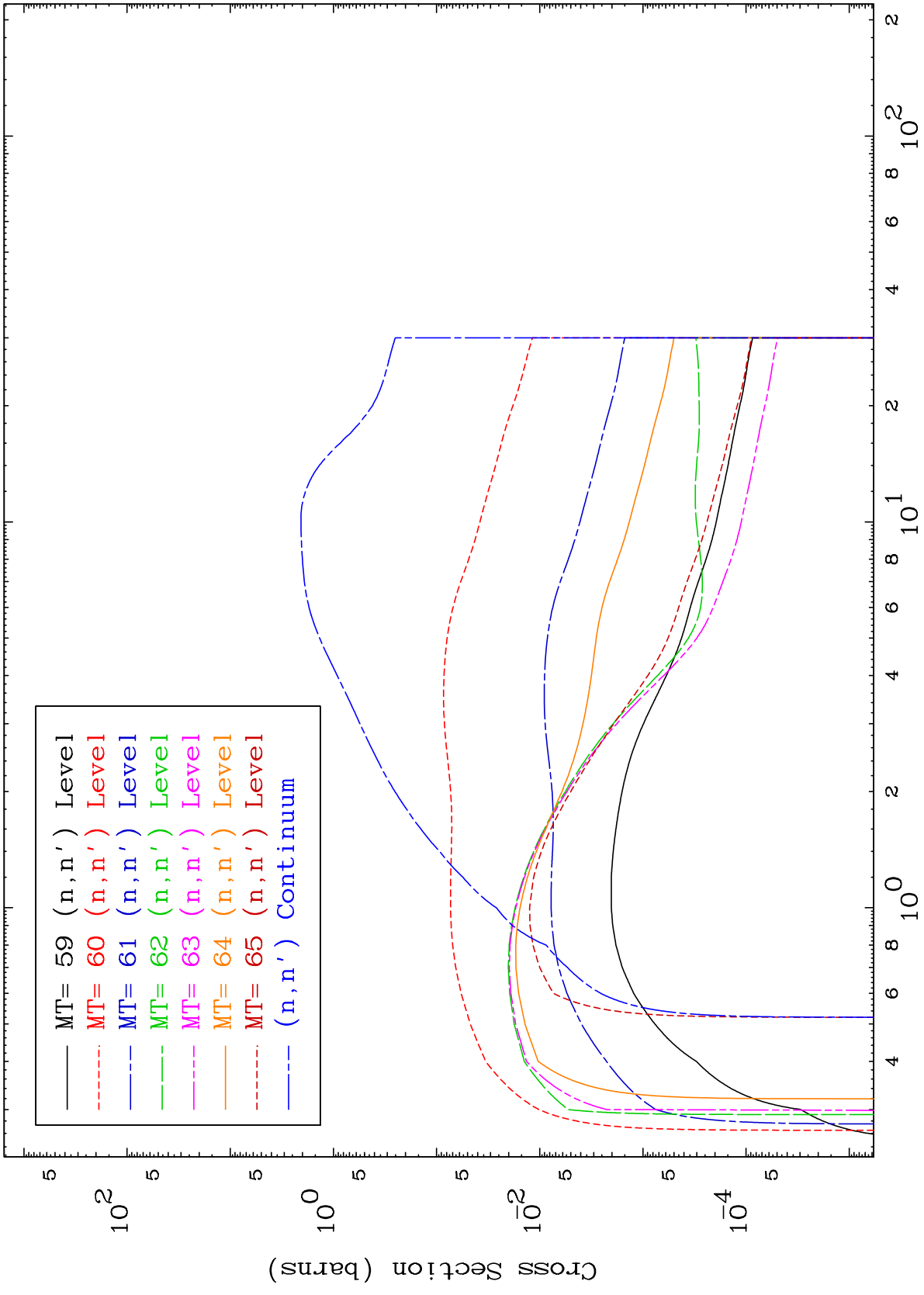


6

79-Au-183



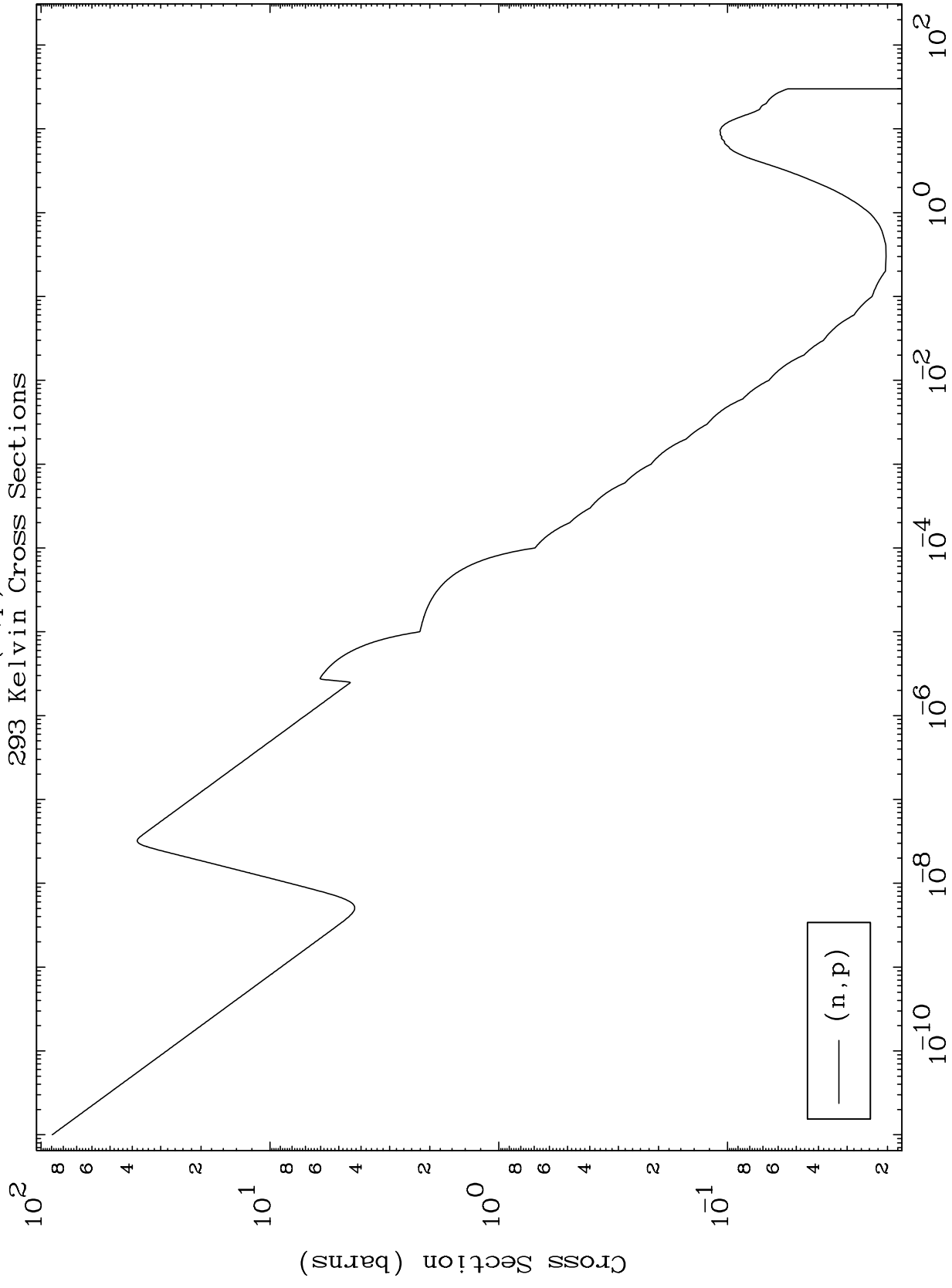




MAT 7883

(n,p) Levels  
293 Kelvin Cross Sections

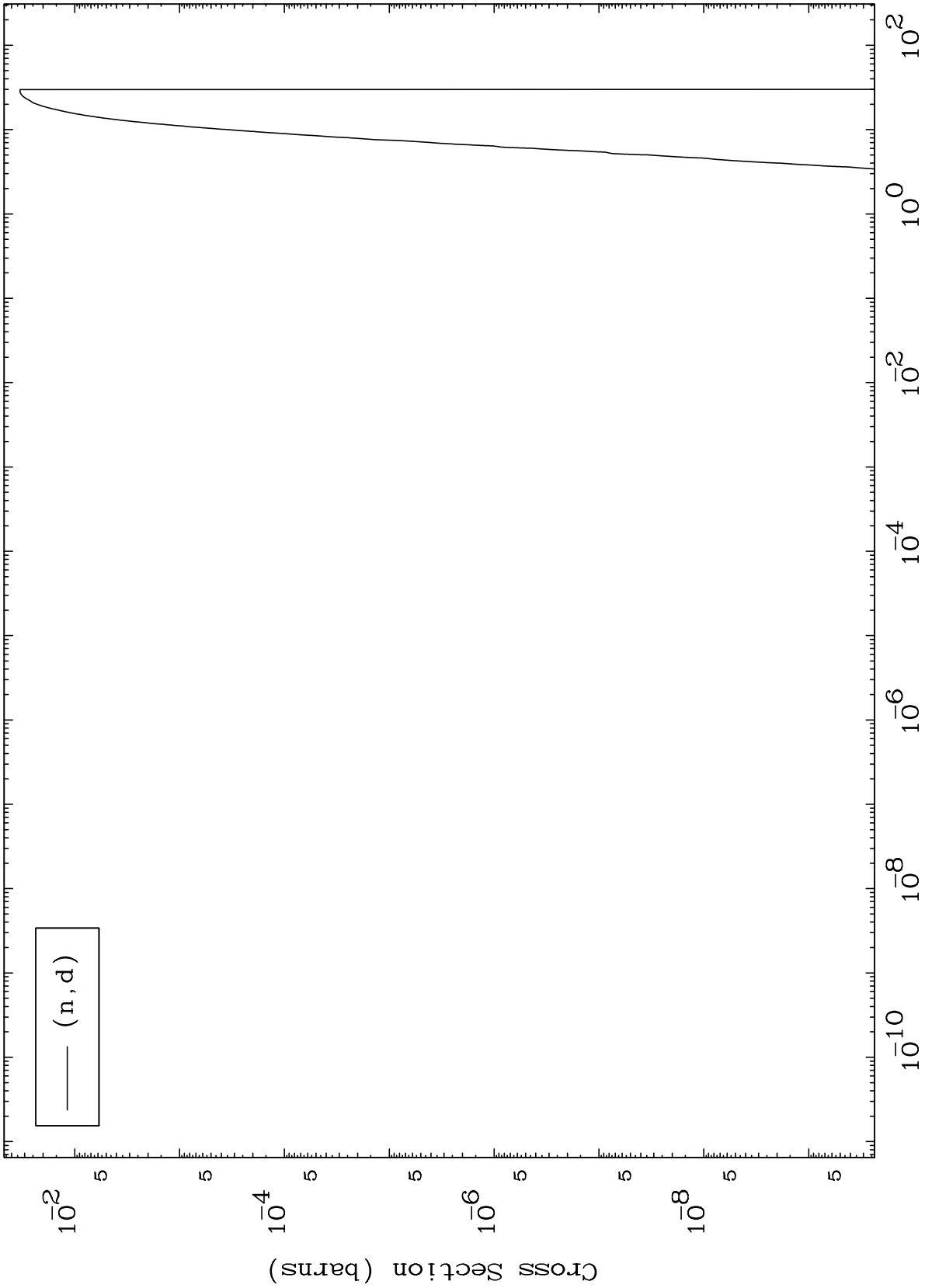
79-Au-183



MAT 7883

(n,d) Levels  
293 Kelvin Cross Sections

79-Au-183



10

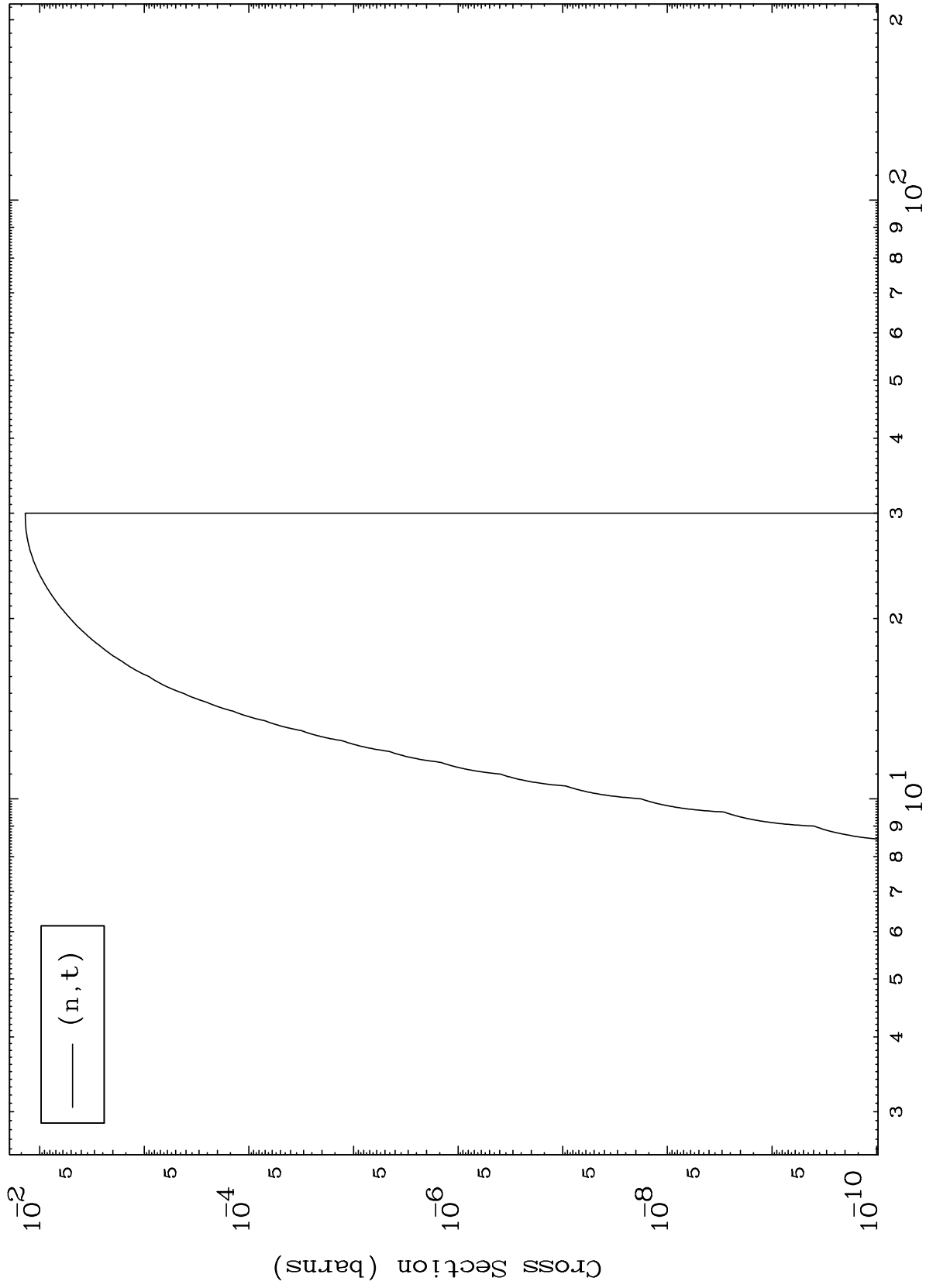
Incident Energy (MeV)

79-Au-183

MAT 7883

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-183



11

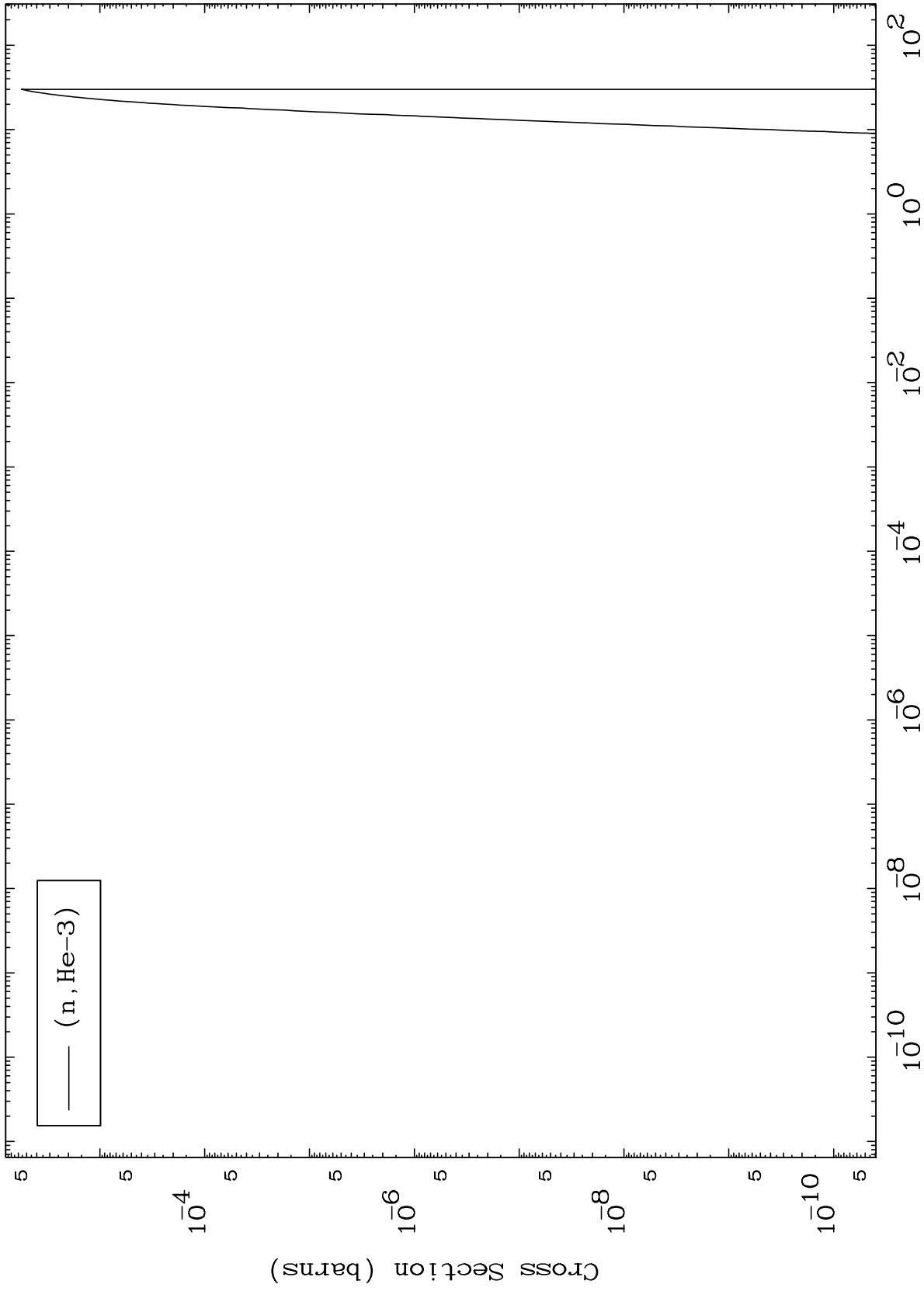
Incident Energy (MeV)

79-Au-183

MAT 7883

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-183

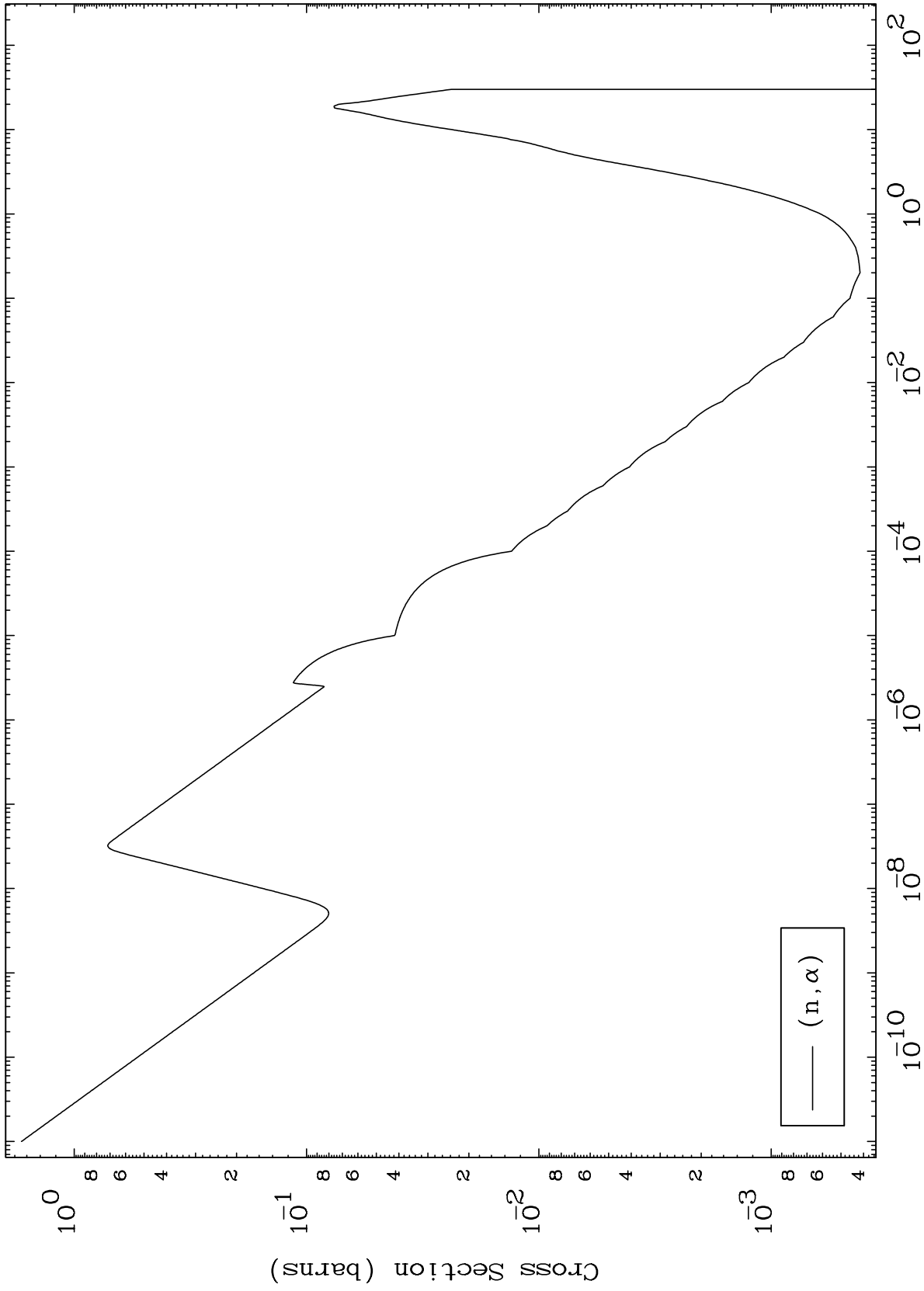


(n, He-3)

MAT 7883

(n,α) Levels  
293 Kelvin Cross Sections

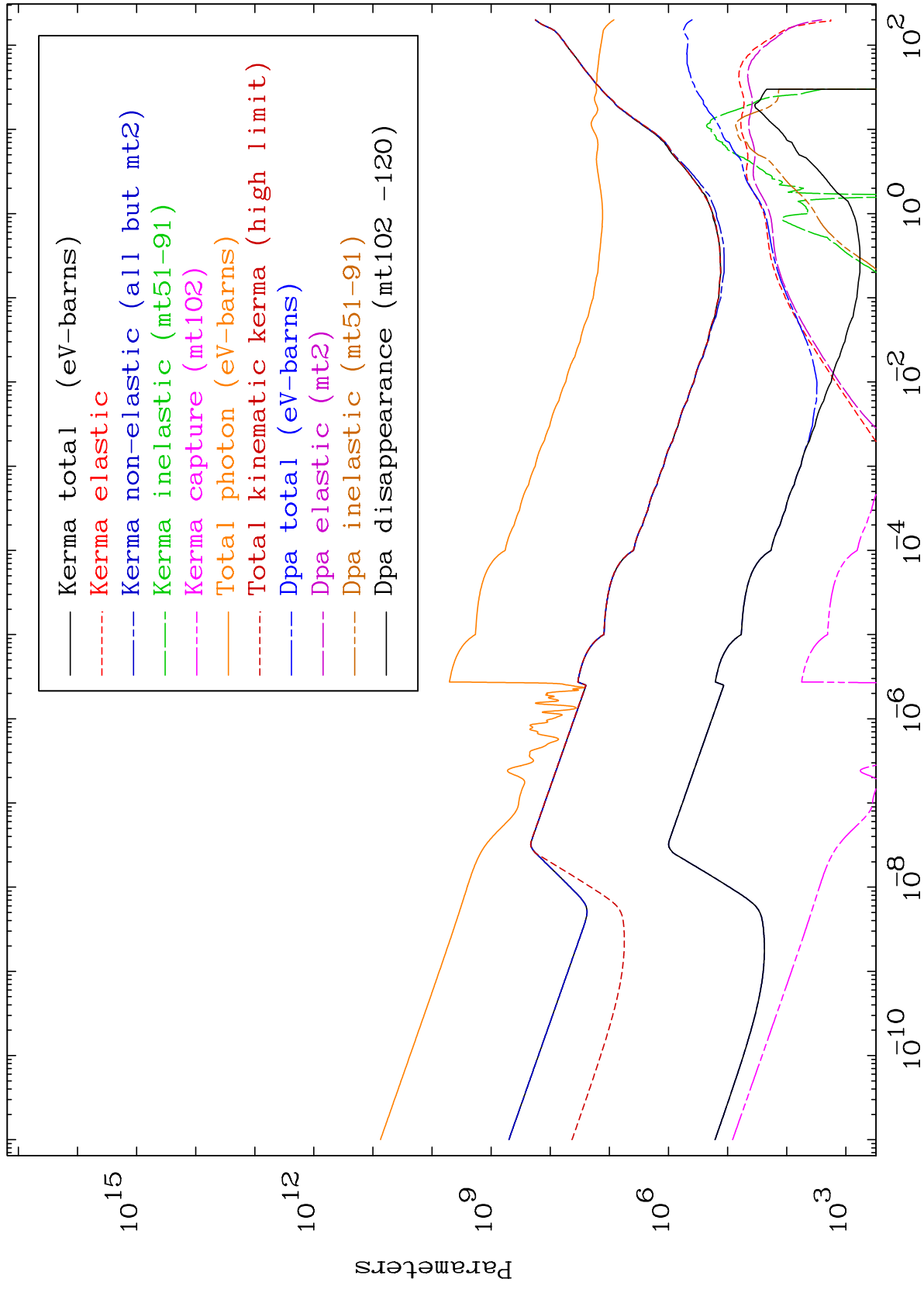
79-Au-183



13

Incident Energy (MeV)

79-Au-183



MAT 7883

Elastic Legendre Coefficients

<sup>79</sup>Au-<sup>183</sup>



15

Incident Energy (MeV)

<sup>79</sup>Au-<sup>183</sup>

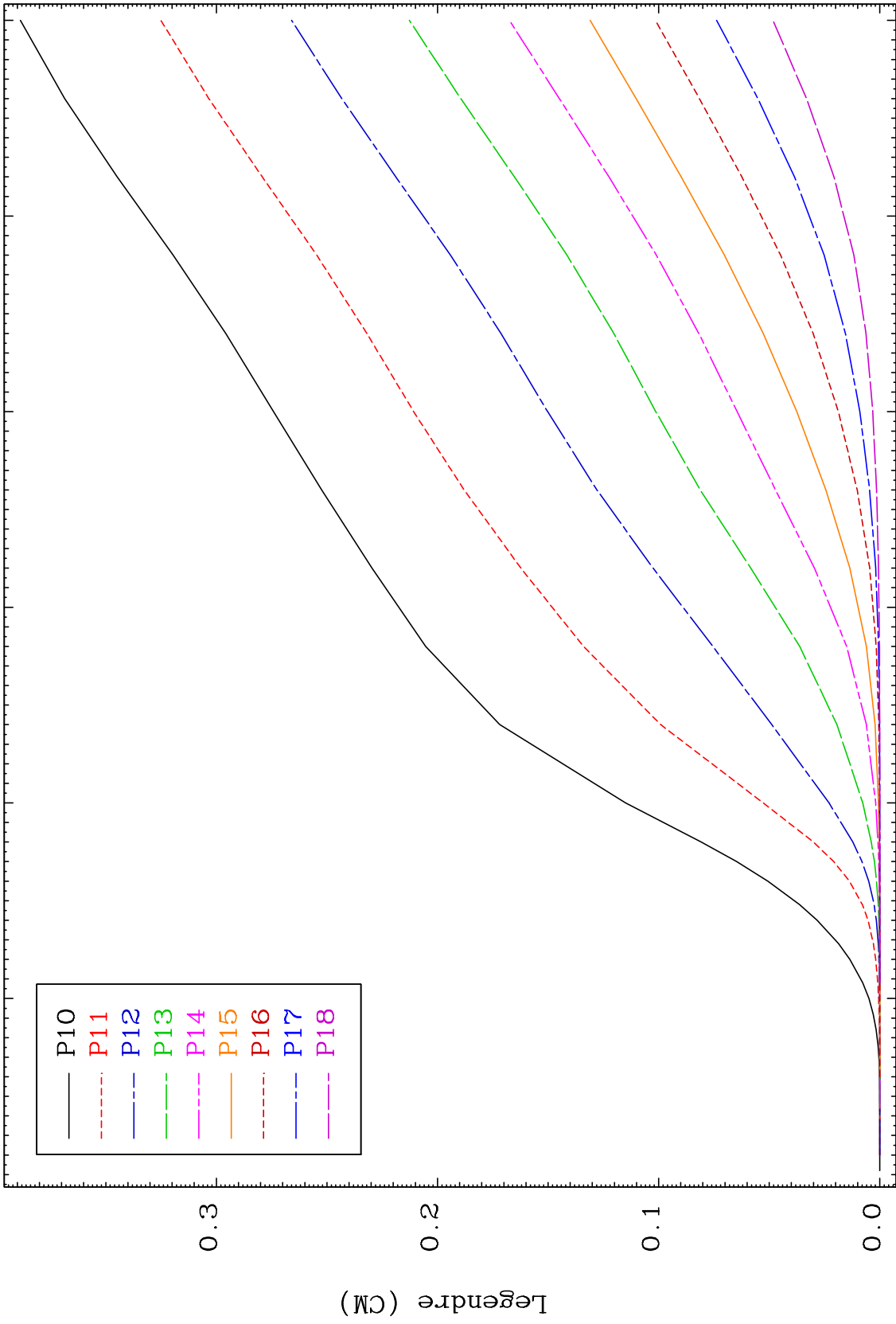
30



MAT 7883

Elastic Legendre Coefficients

<sup>79</sup>Au-183



16

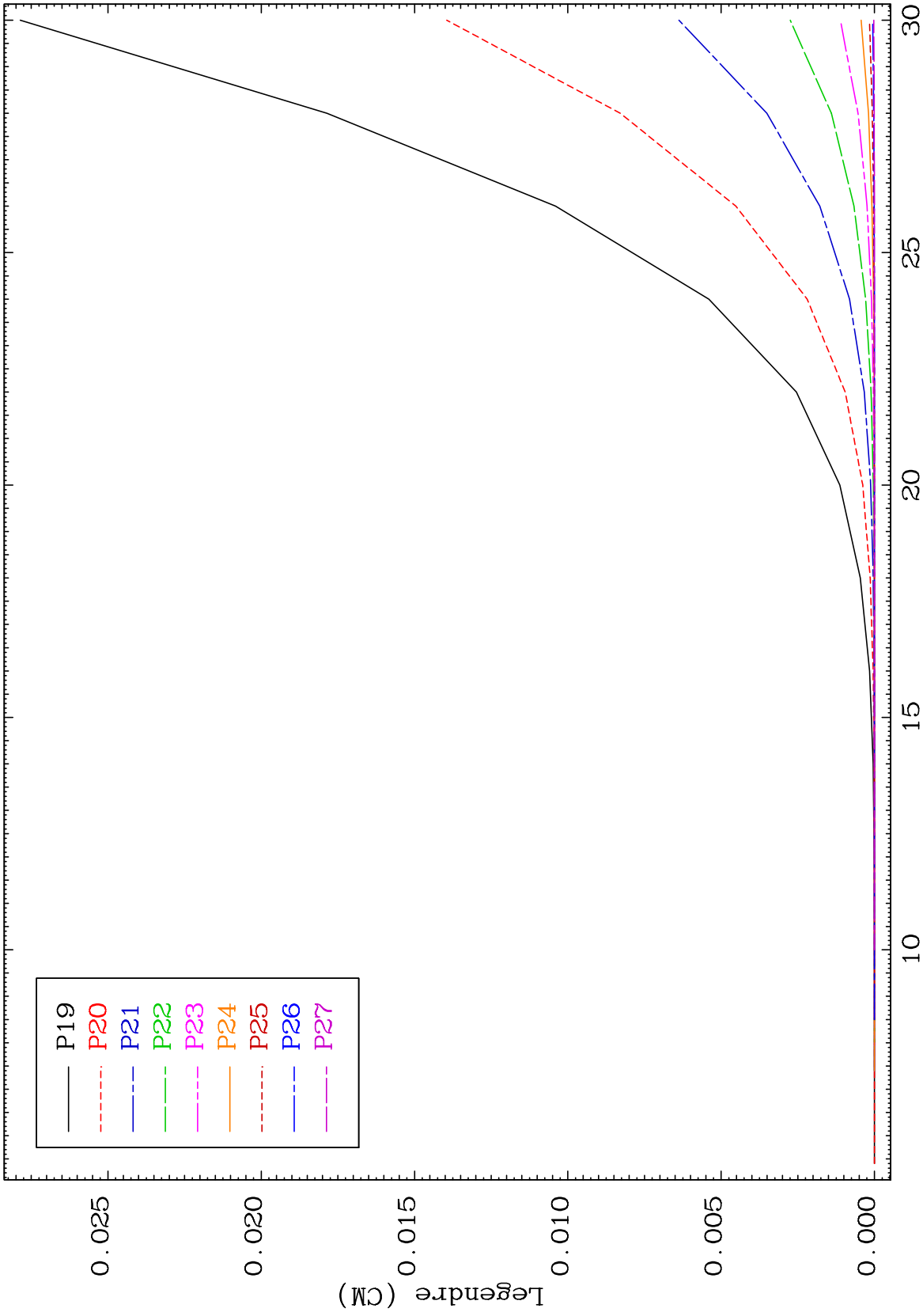
Incident Energy (MeV)

<sup>79</sup>Au-183

MAT 7883

### Elastic Legendre Coefficients

79-Au-183



17

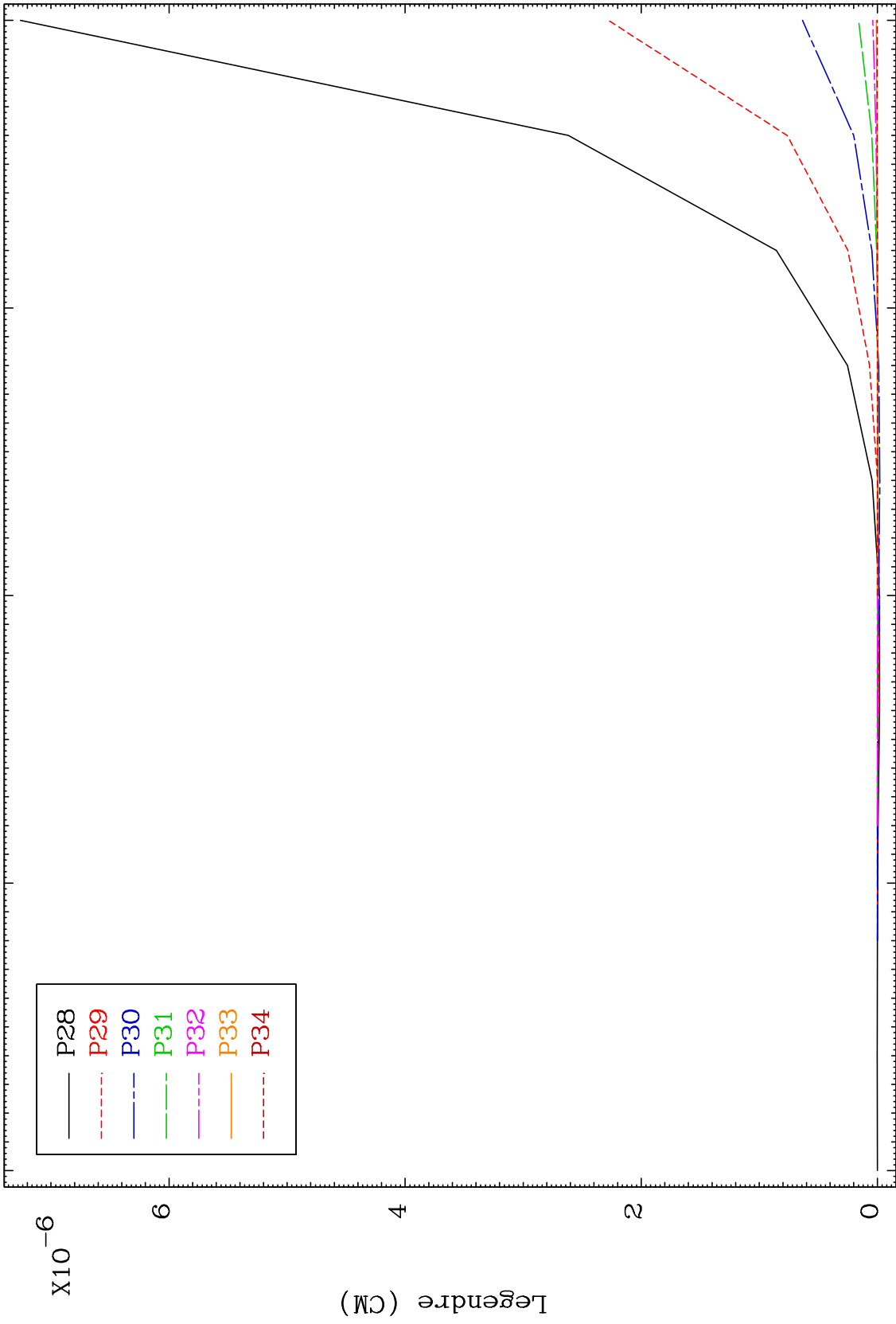
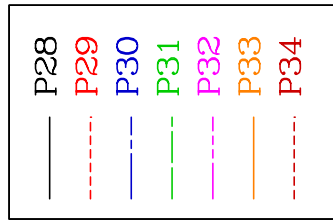
Incident Energy (MeV)

79-Au-183

MAT 7883

Elastic Legendre Coefficients

79-Au-183



18

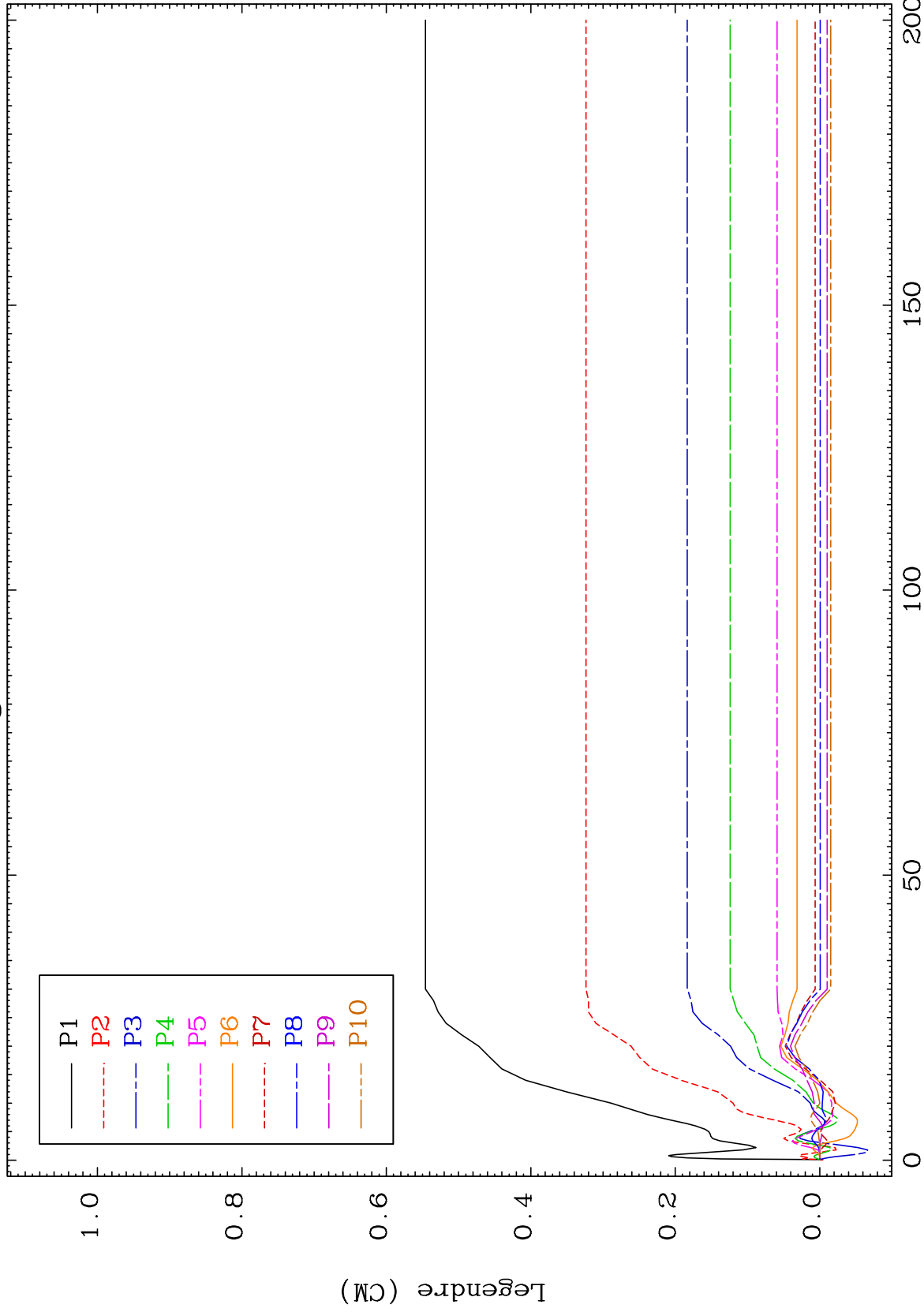
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



19

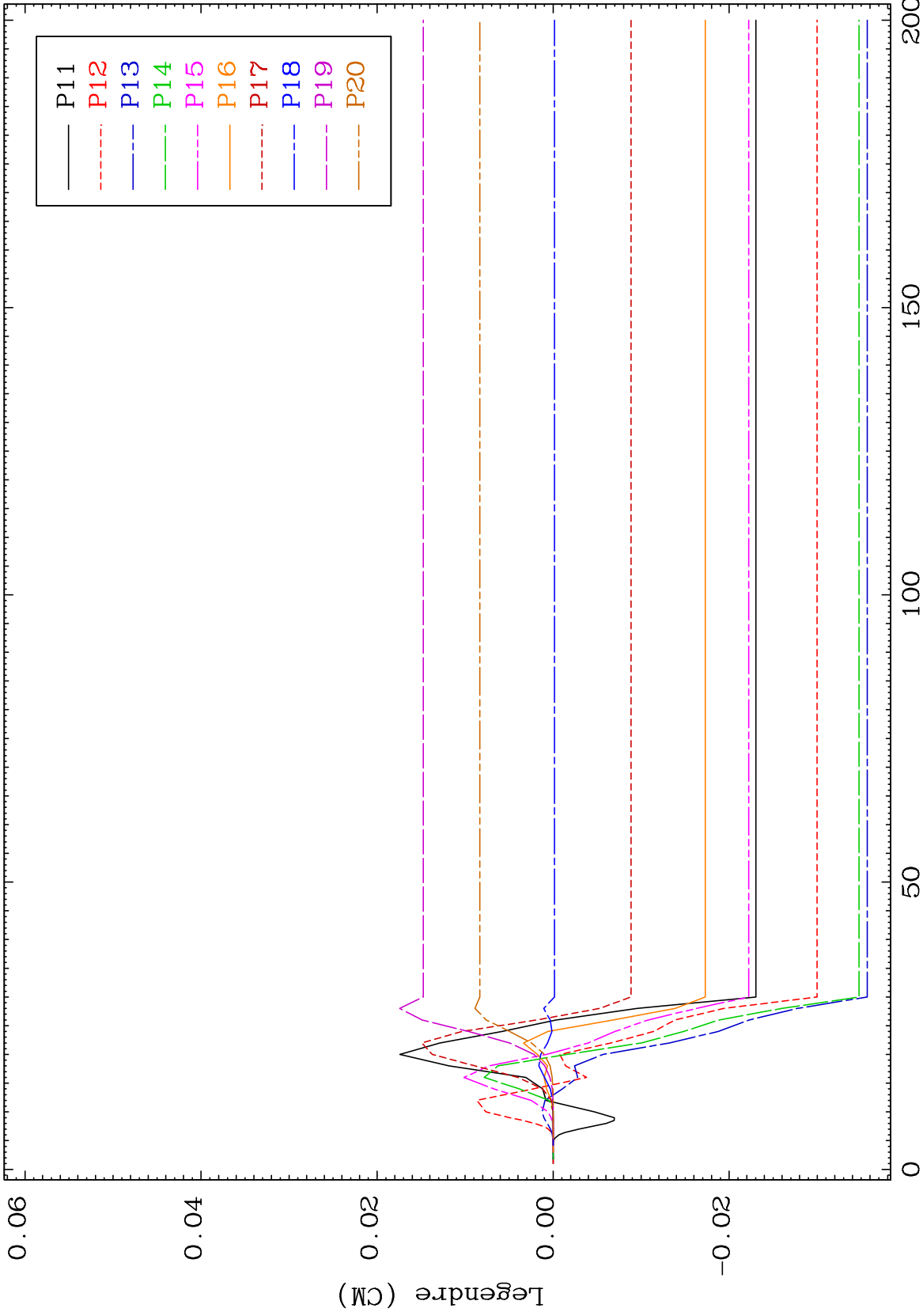
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



20

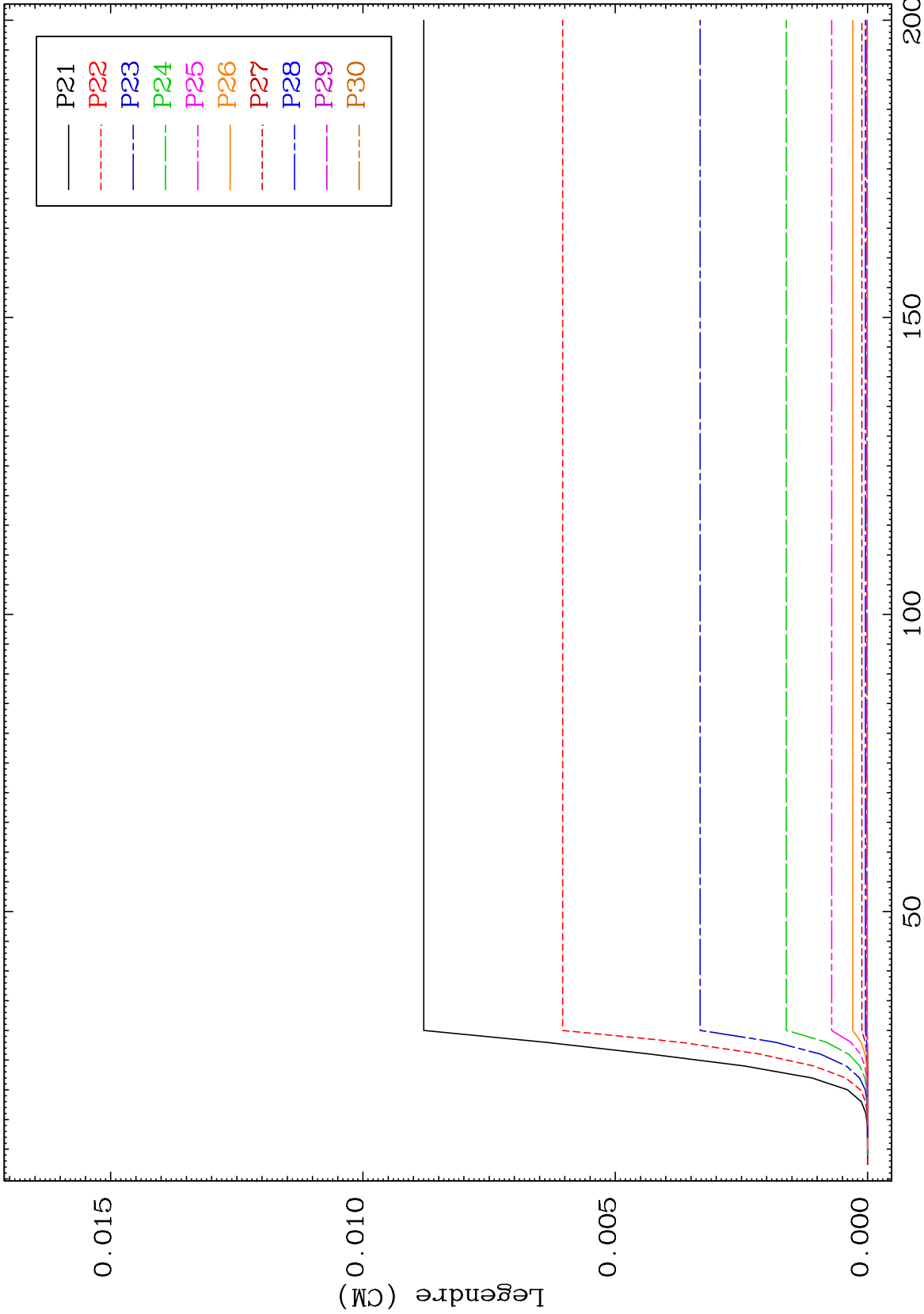
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



21

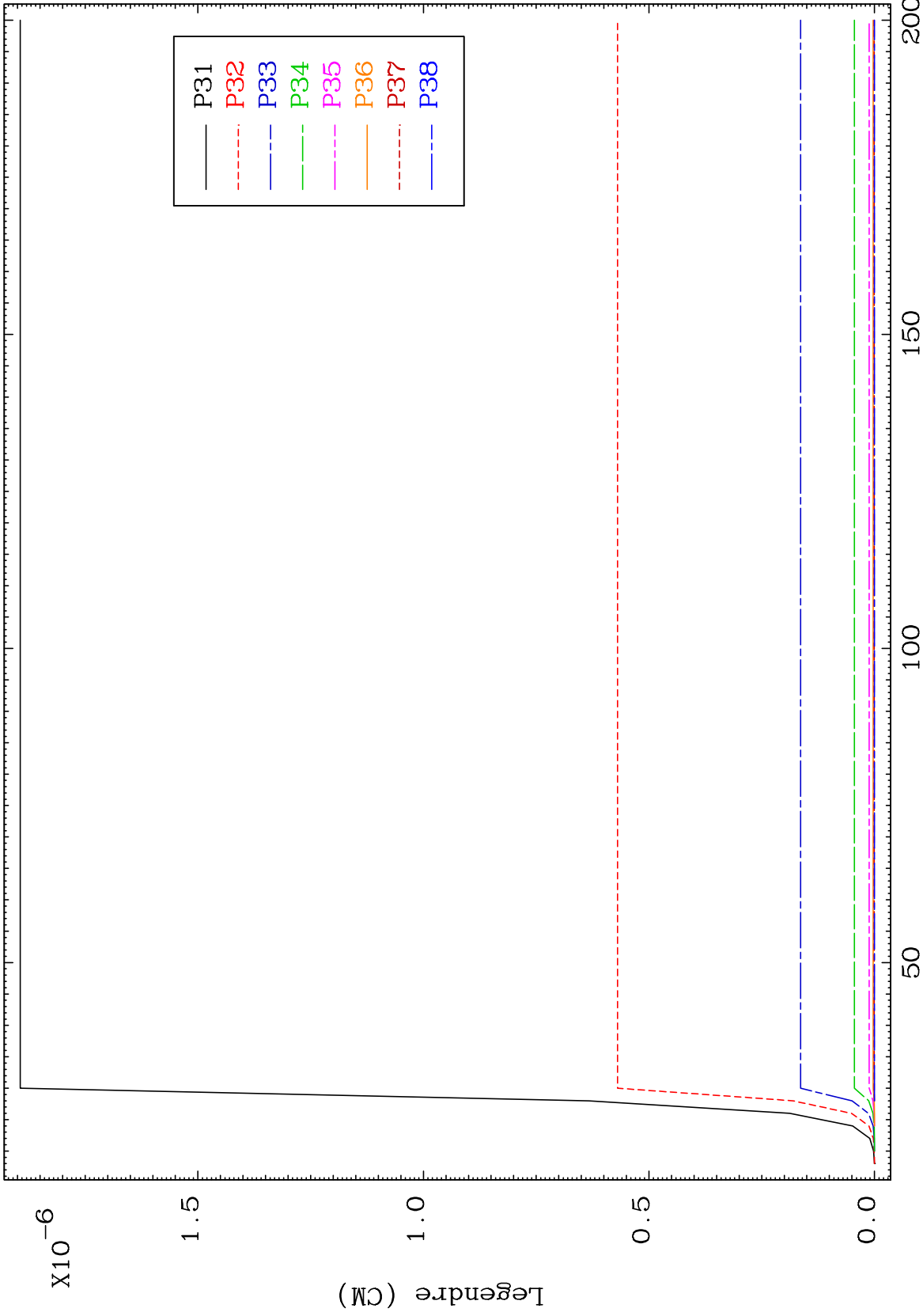
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



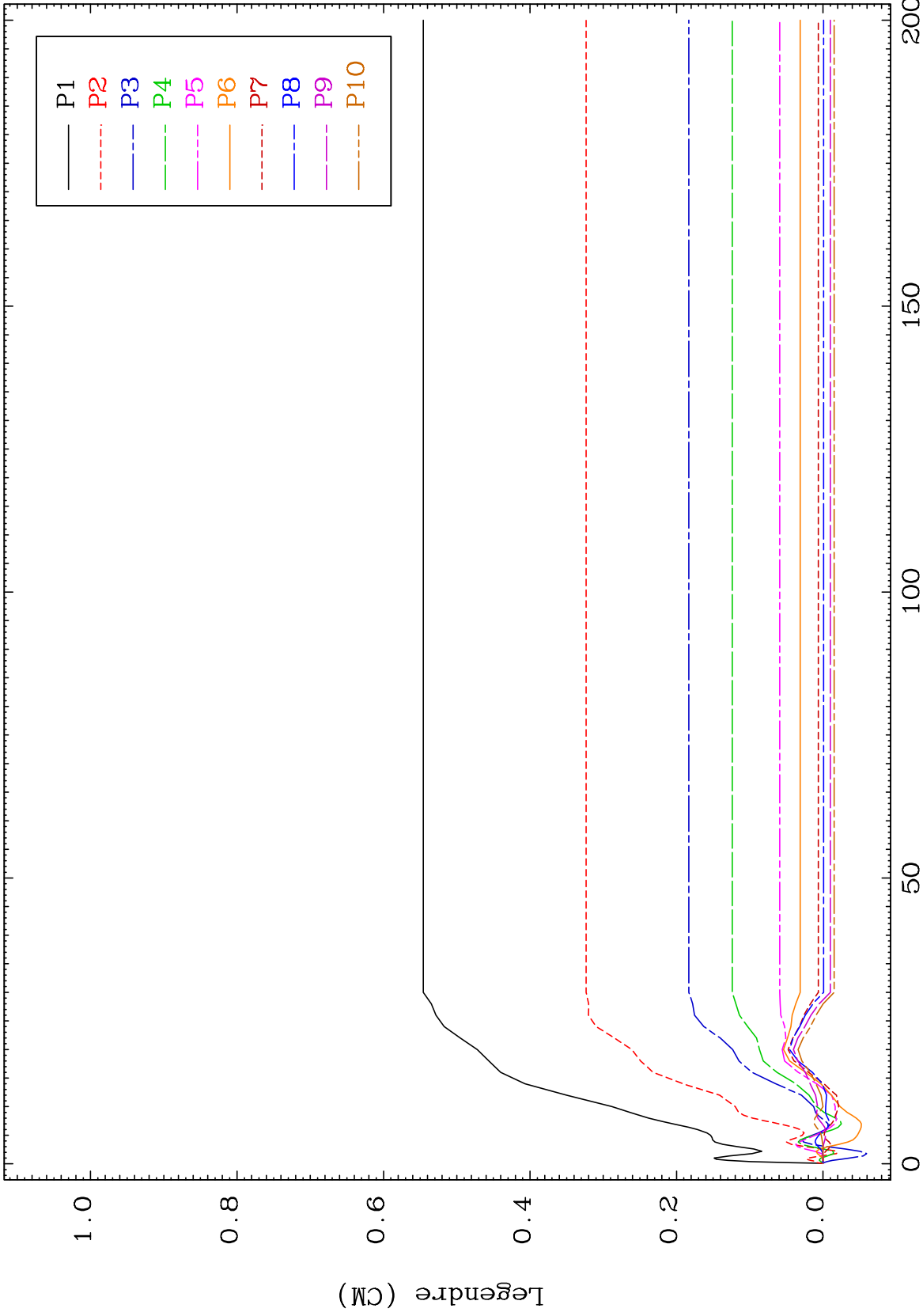
22

79-Au-183

MAT 7883

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

79-Au-183



23

Incident Energy (MeV)

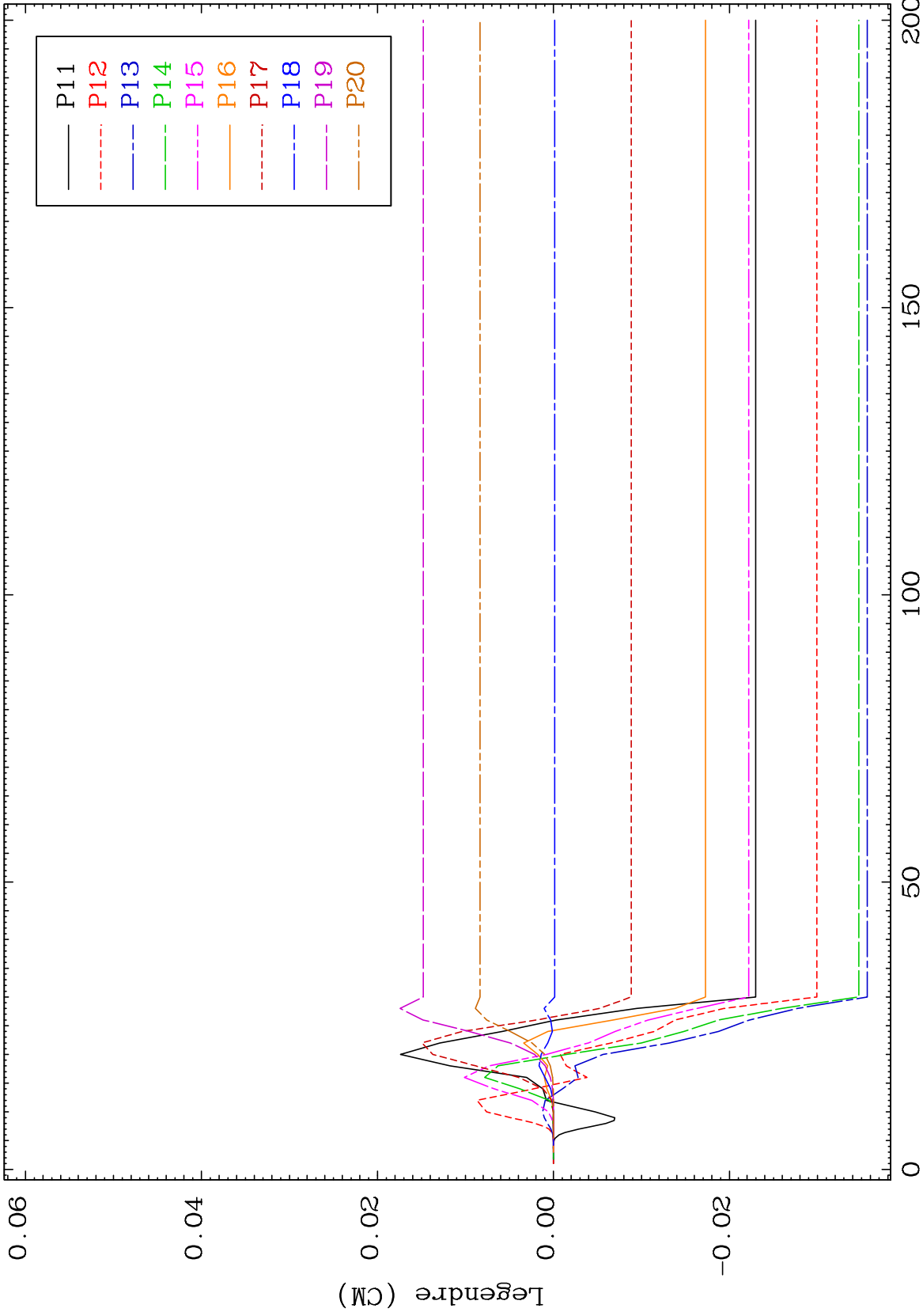
79-Au-183



MAT 7883

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

79-Au-183



24

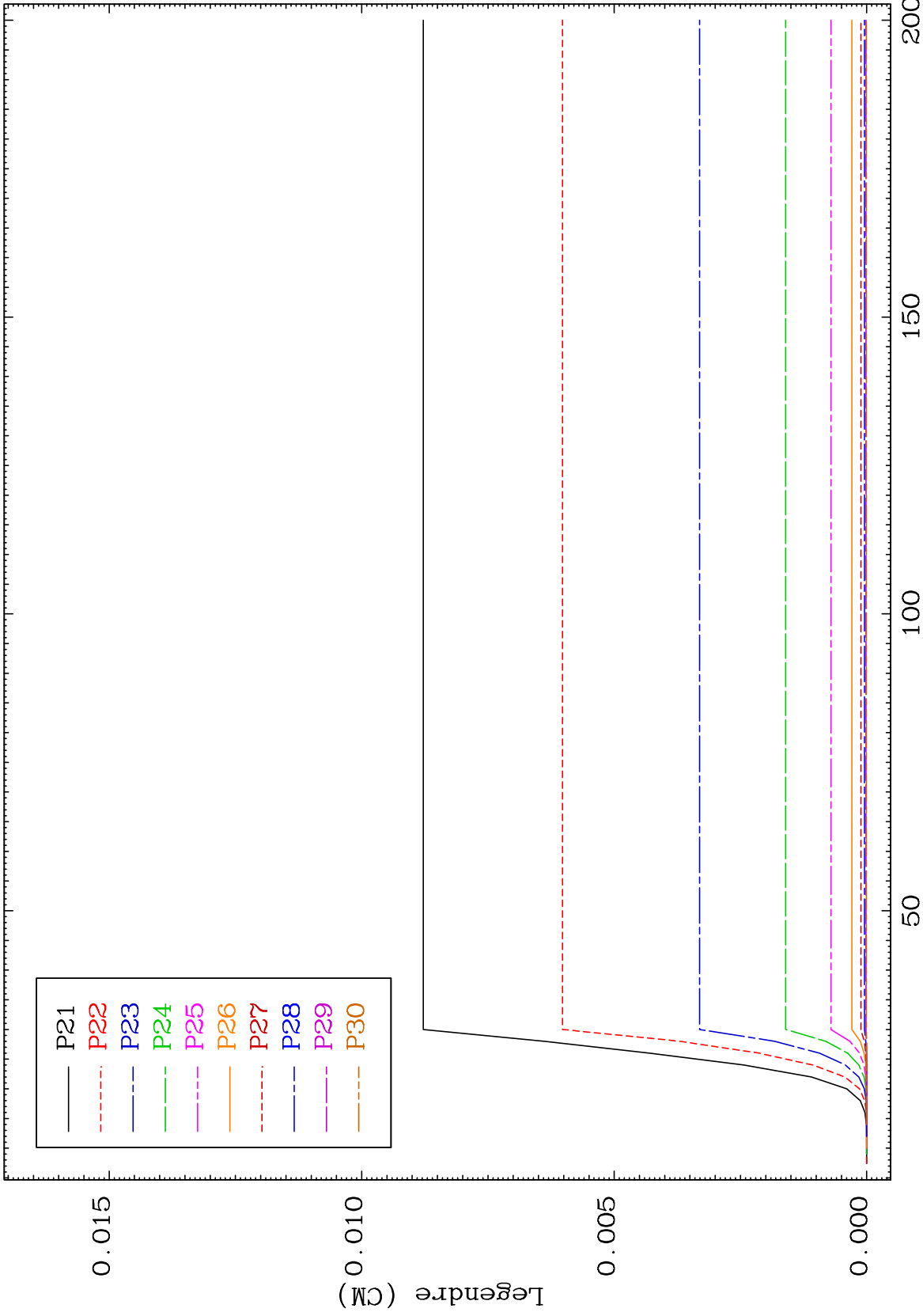
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



25

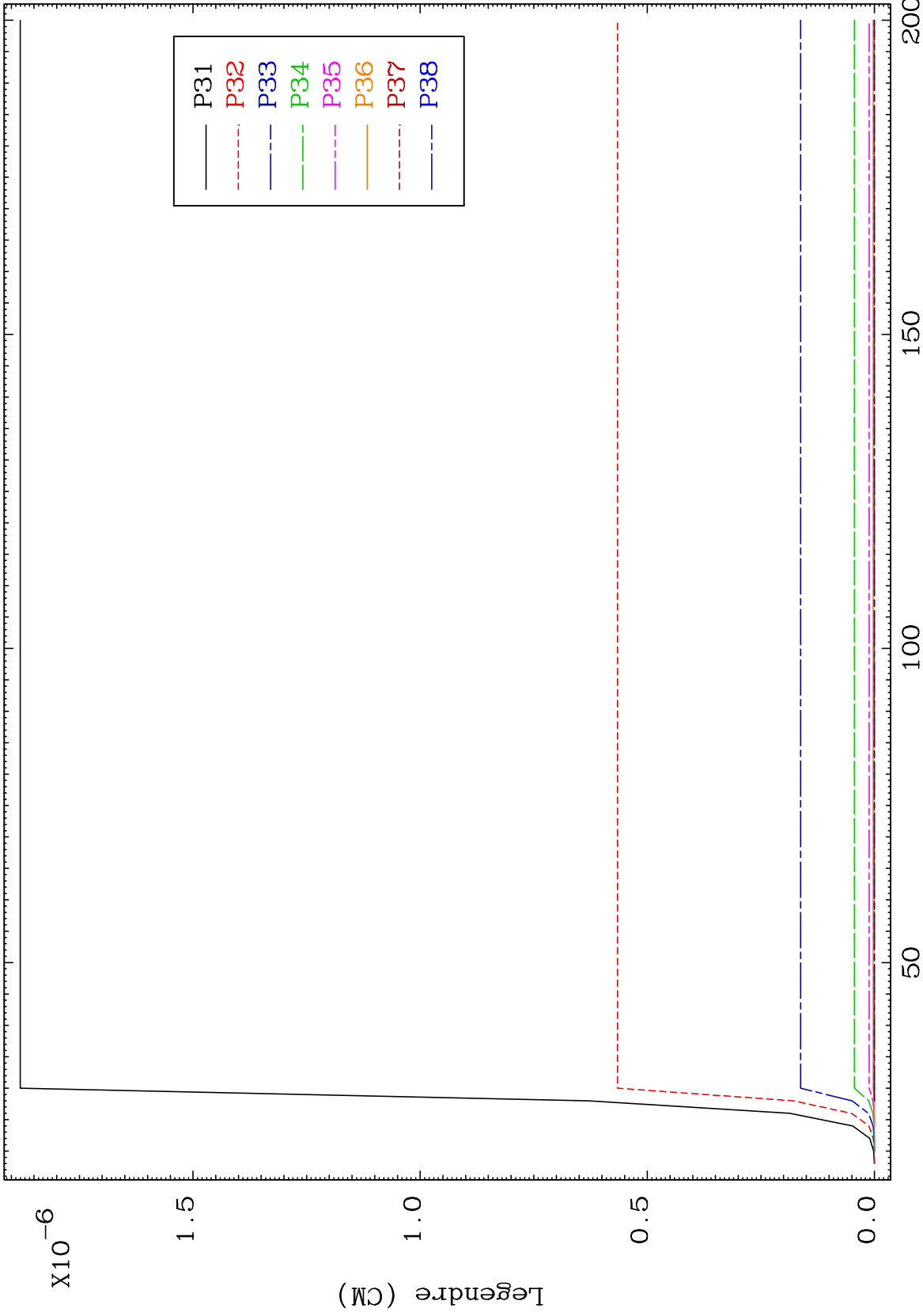
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



26

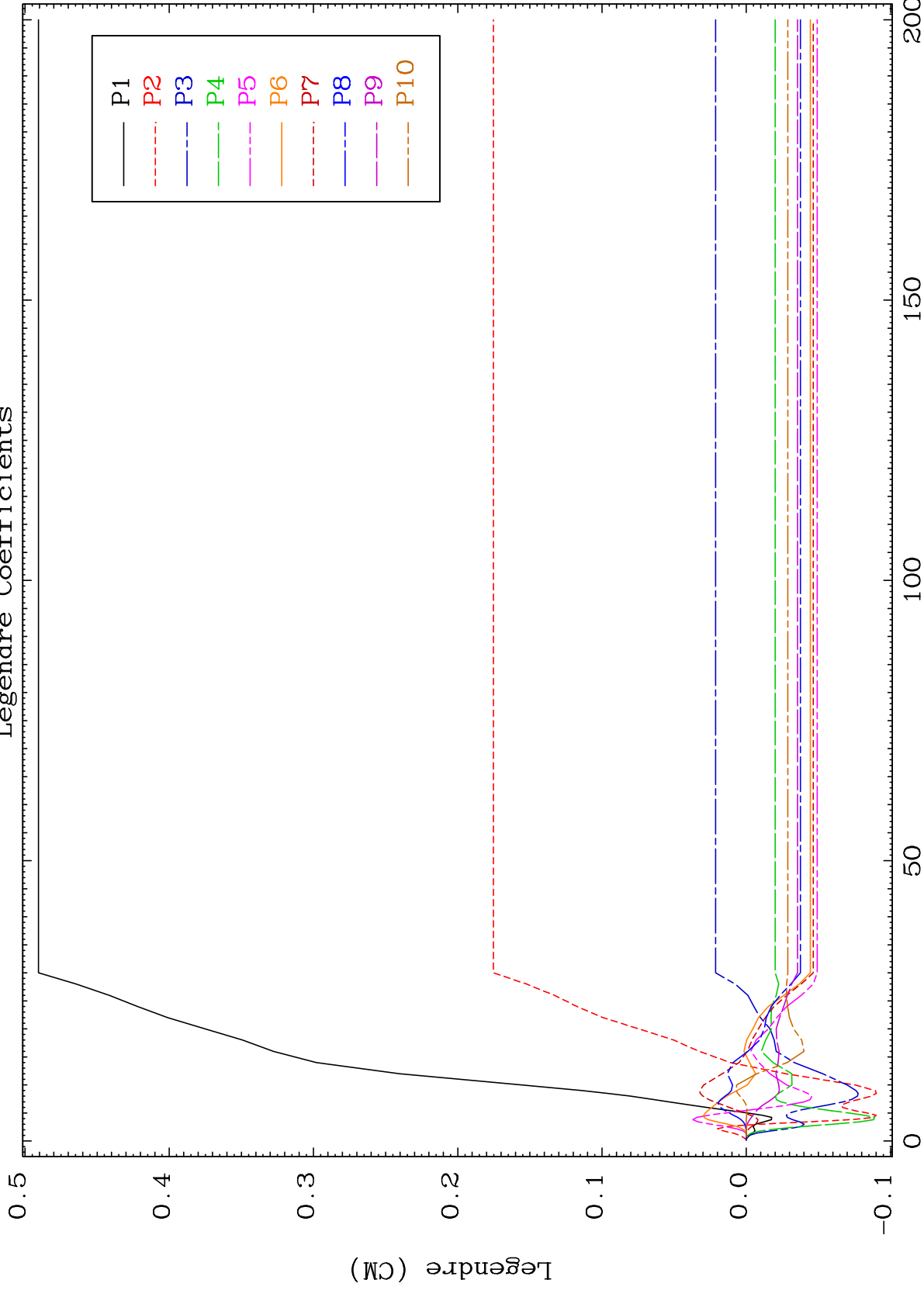
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



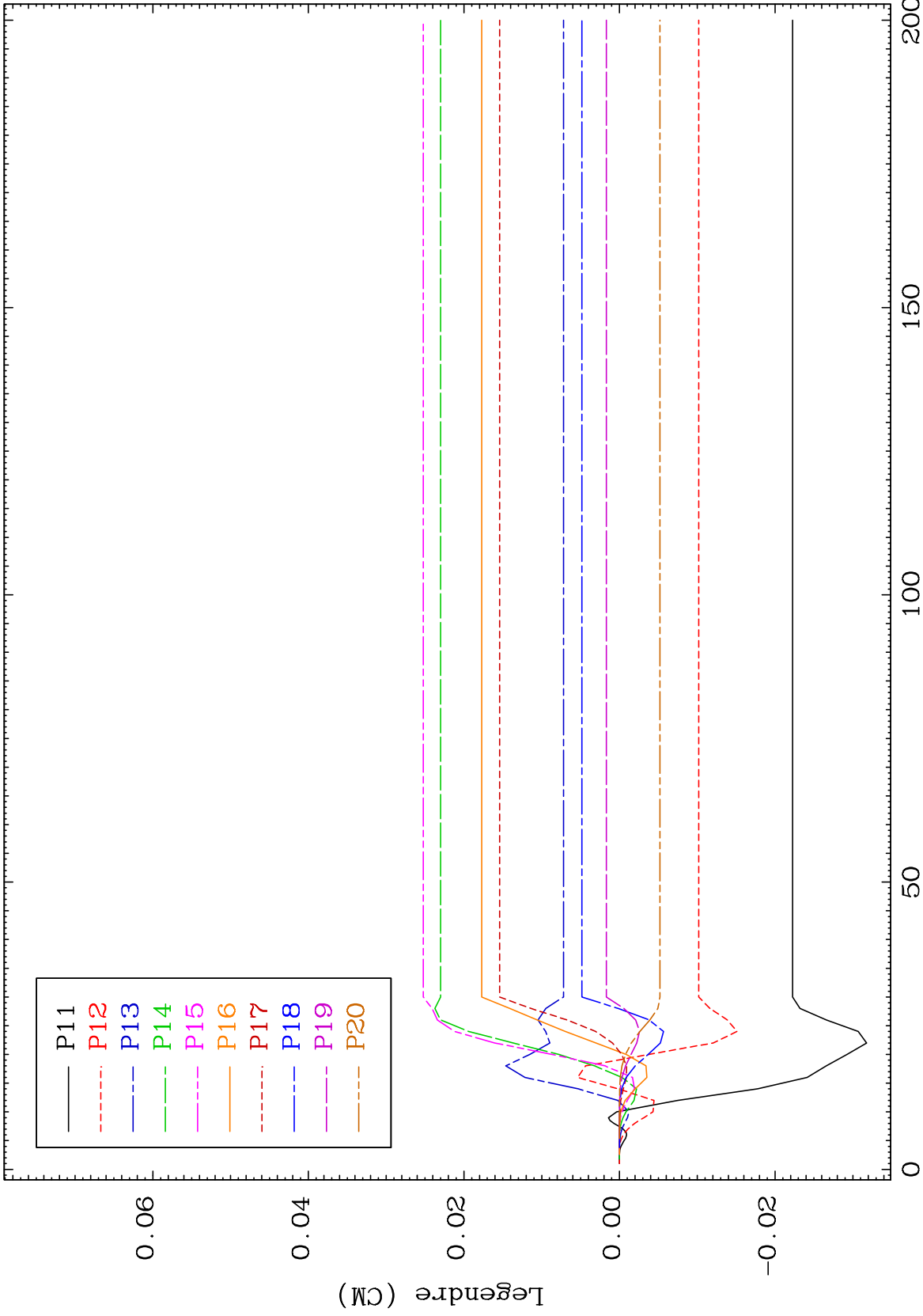
27

79-Au-183

MAT 7883

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

79-Au-183



28

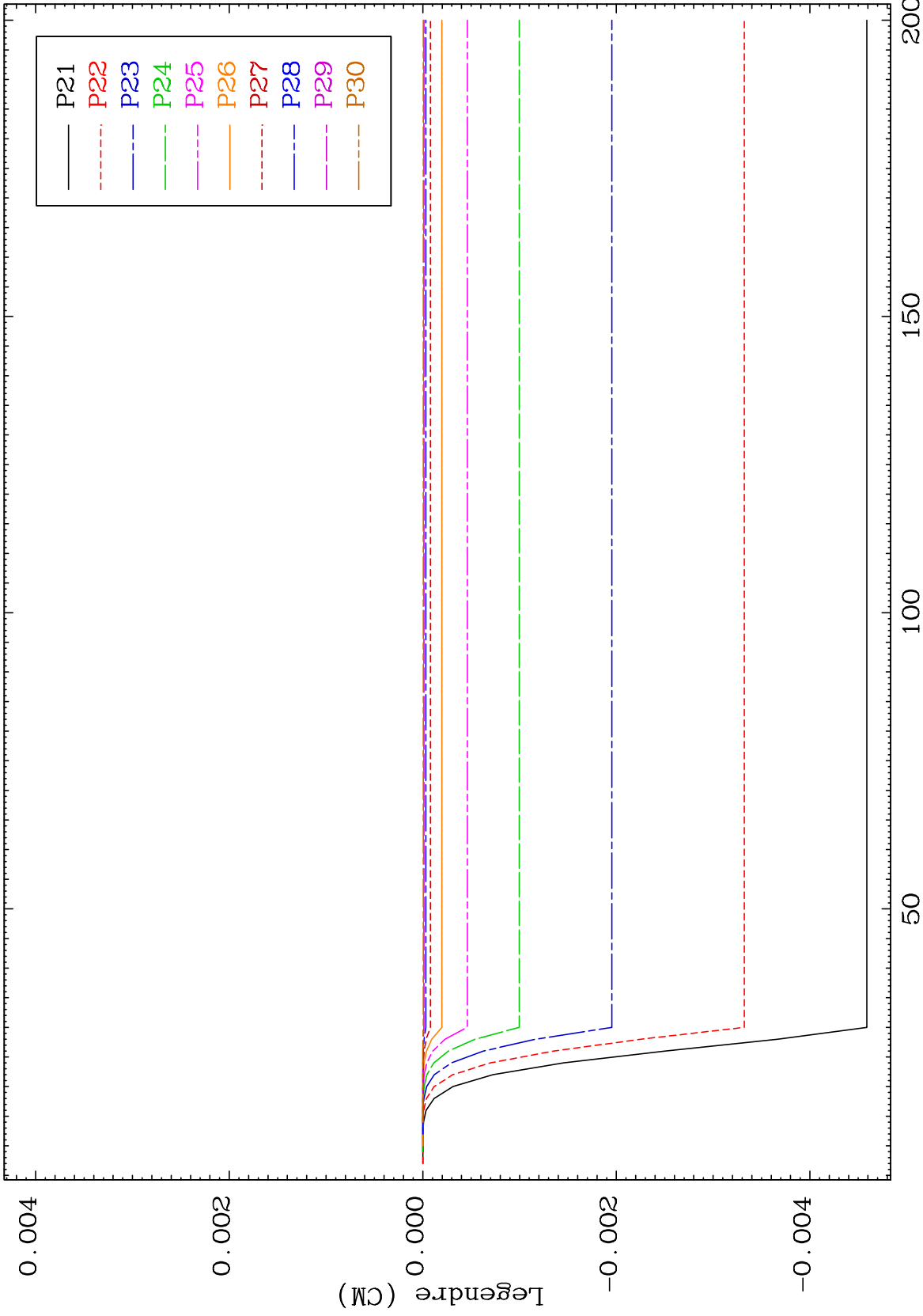
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



29

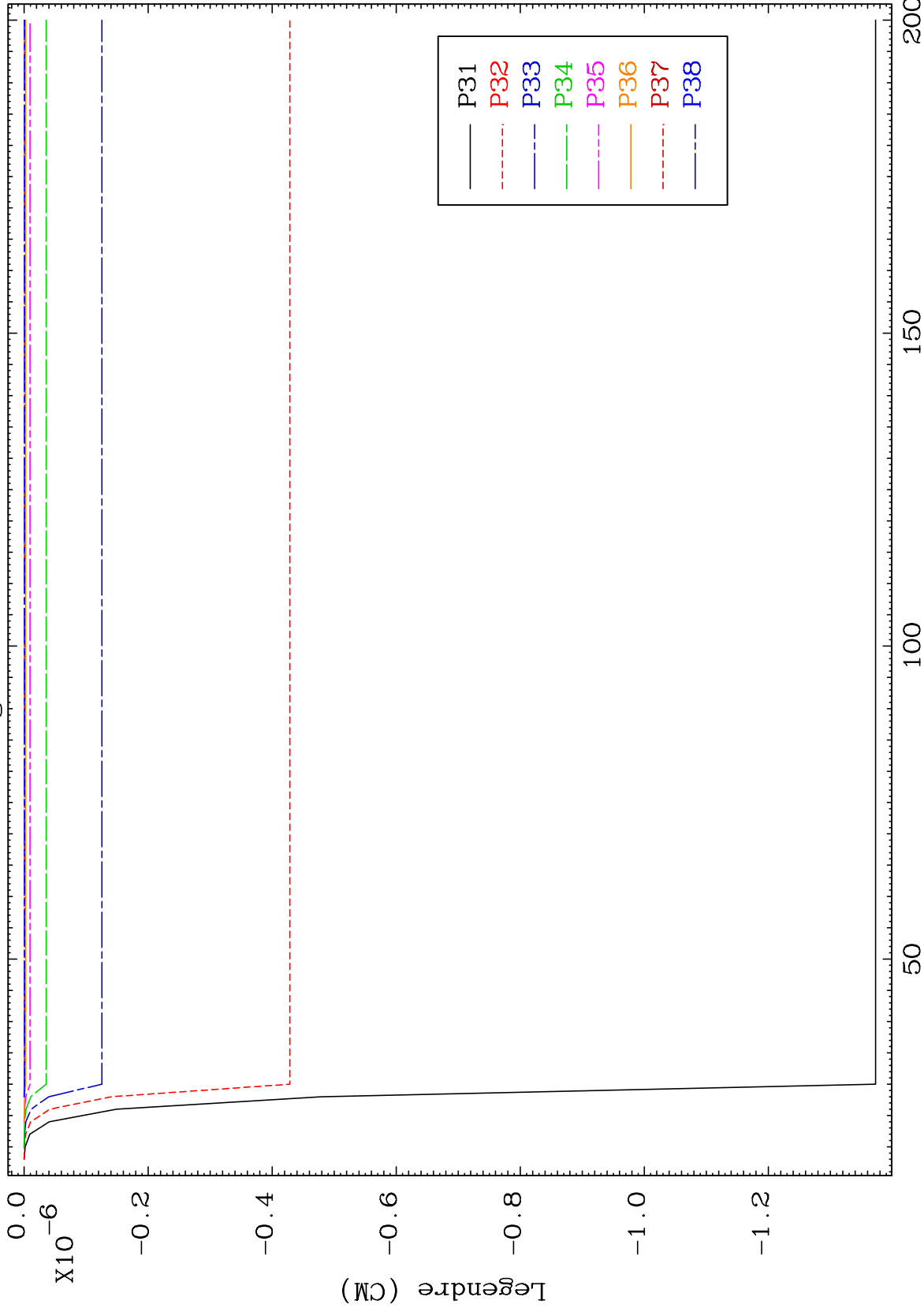
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



30

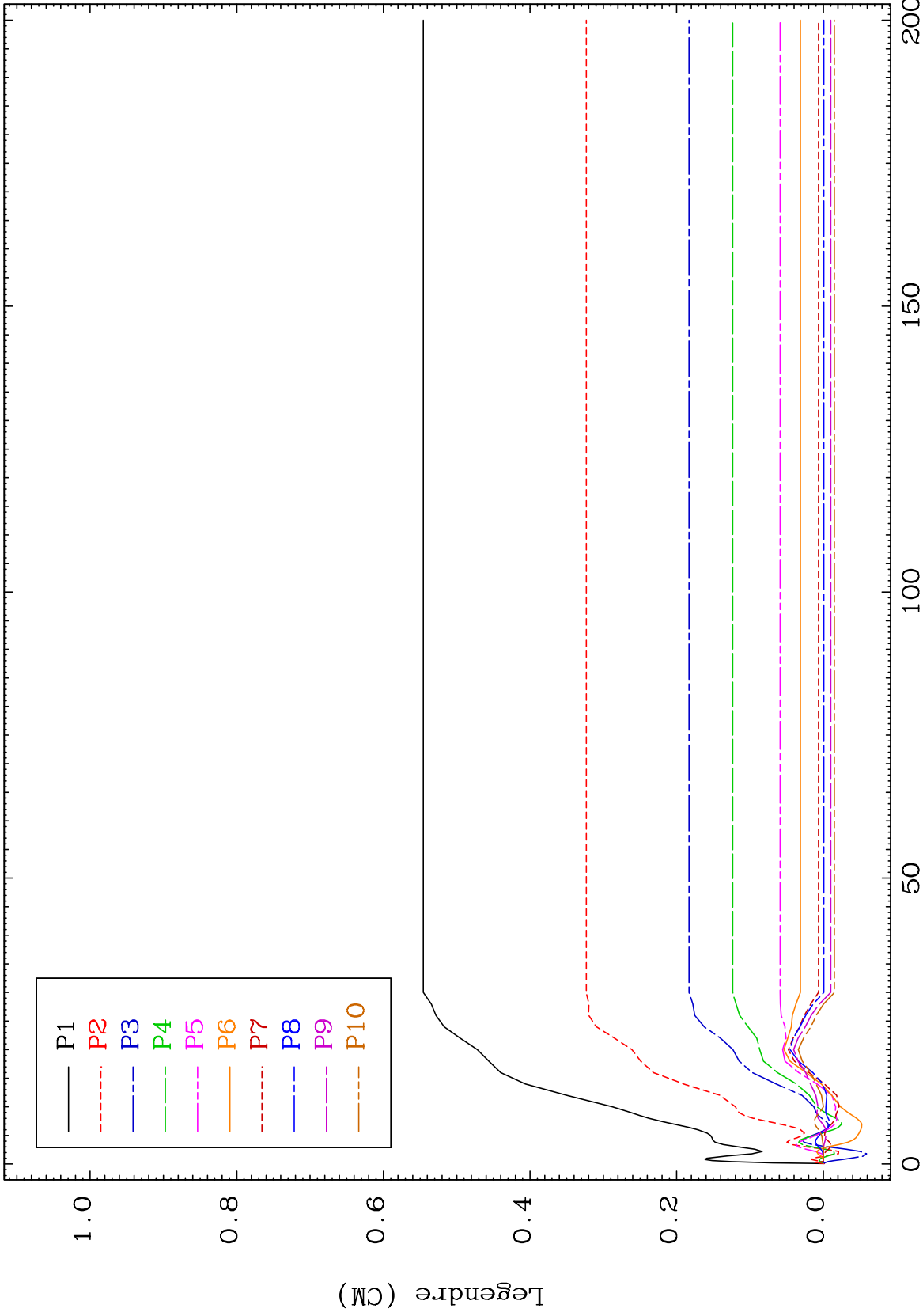
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



31

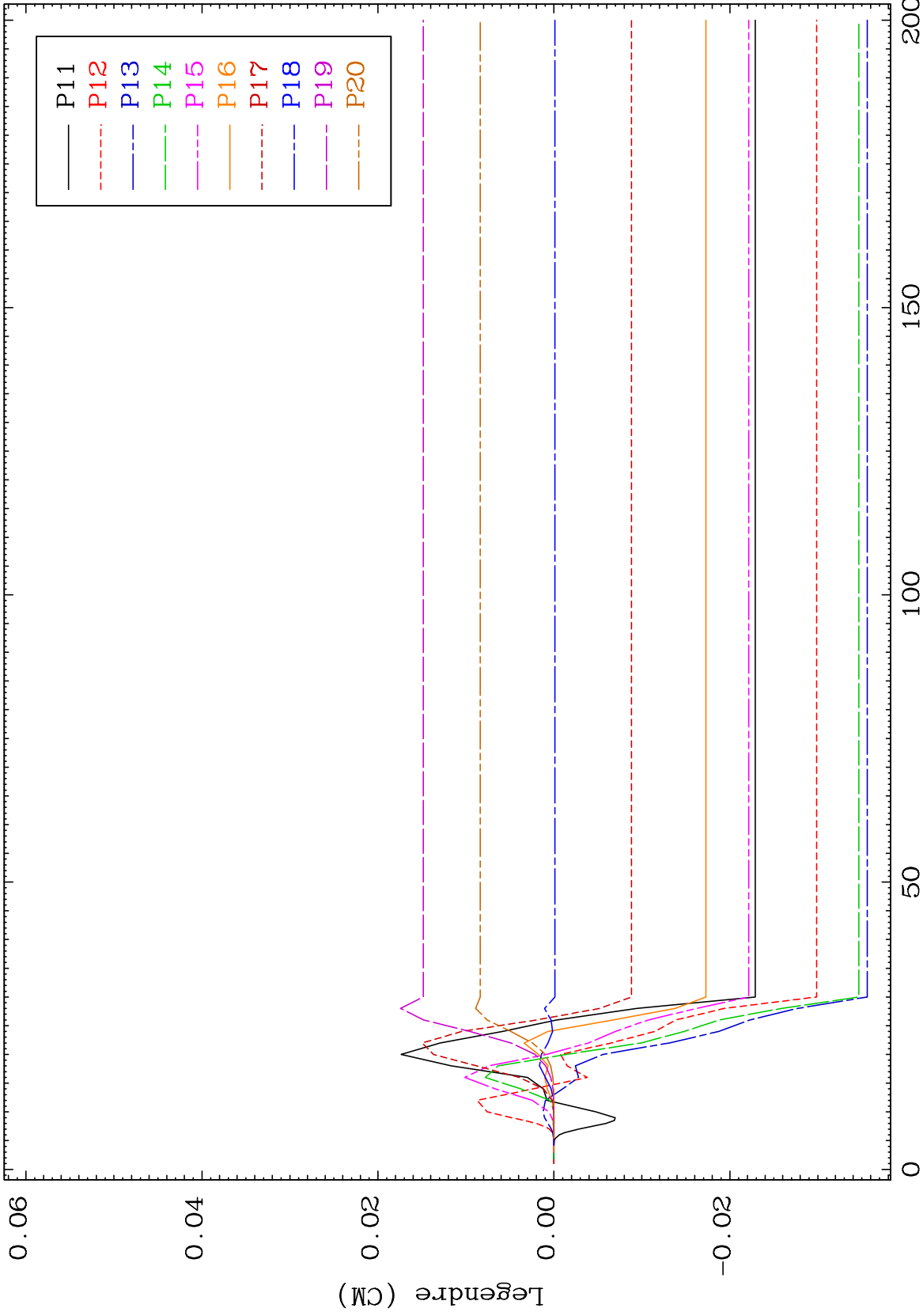
79-Au-183



MAT 7883

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

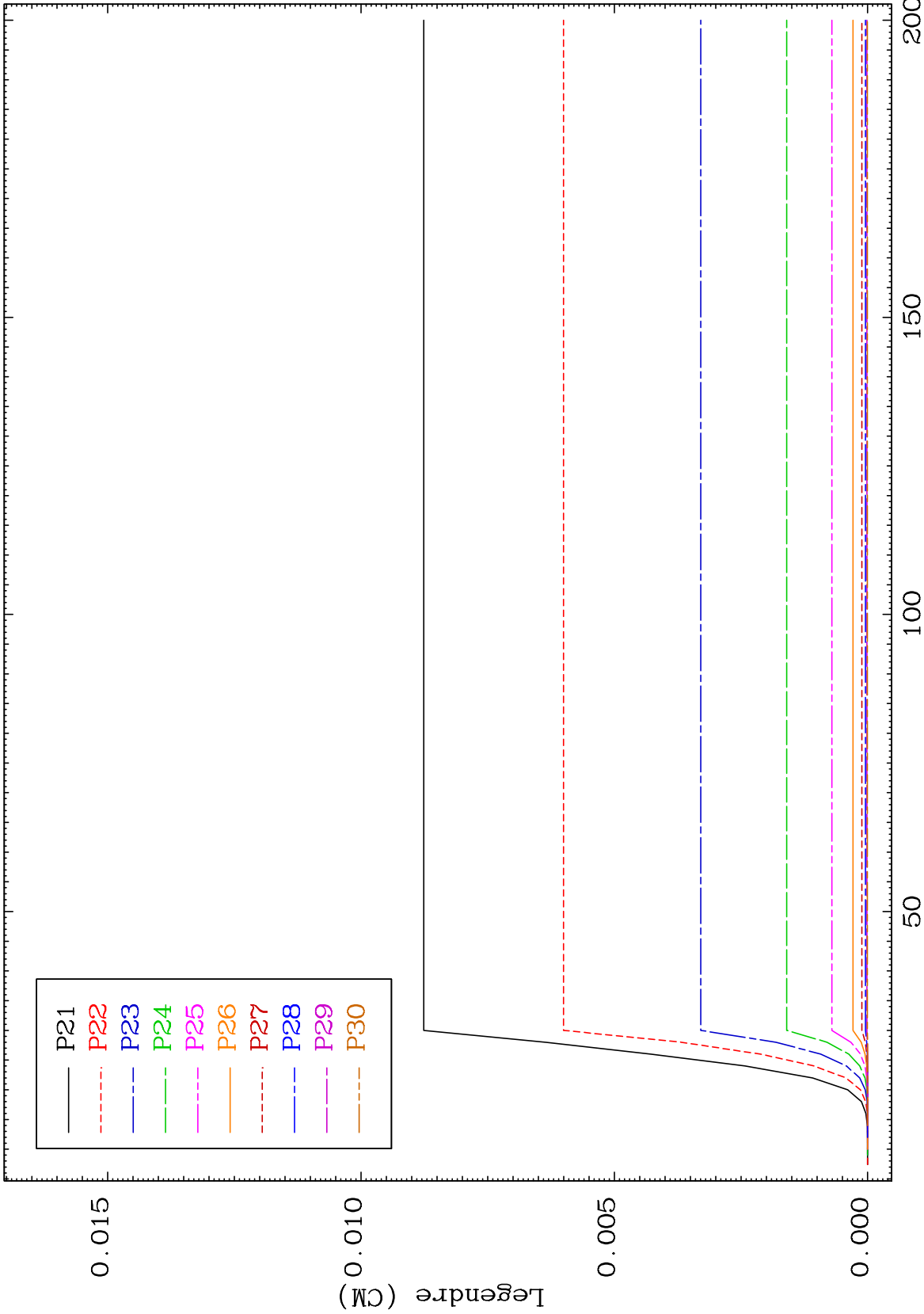
79-Au-183



32

Incident Energy (MeV)

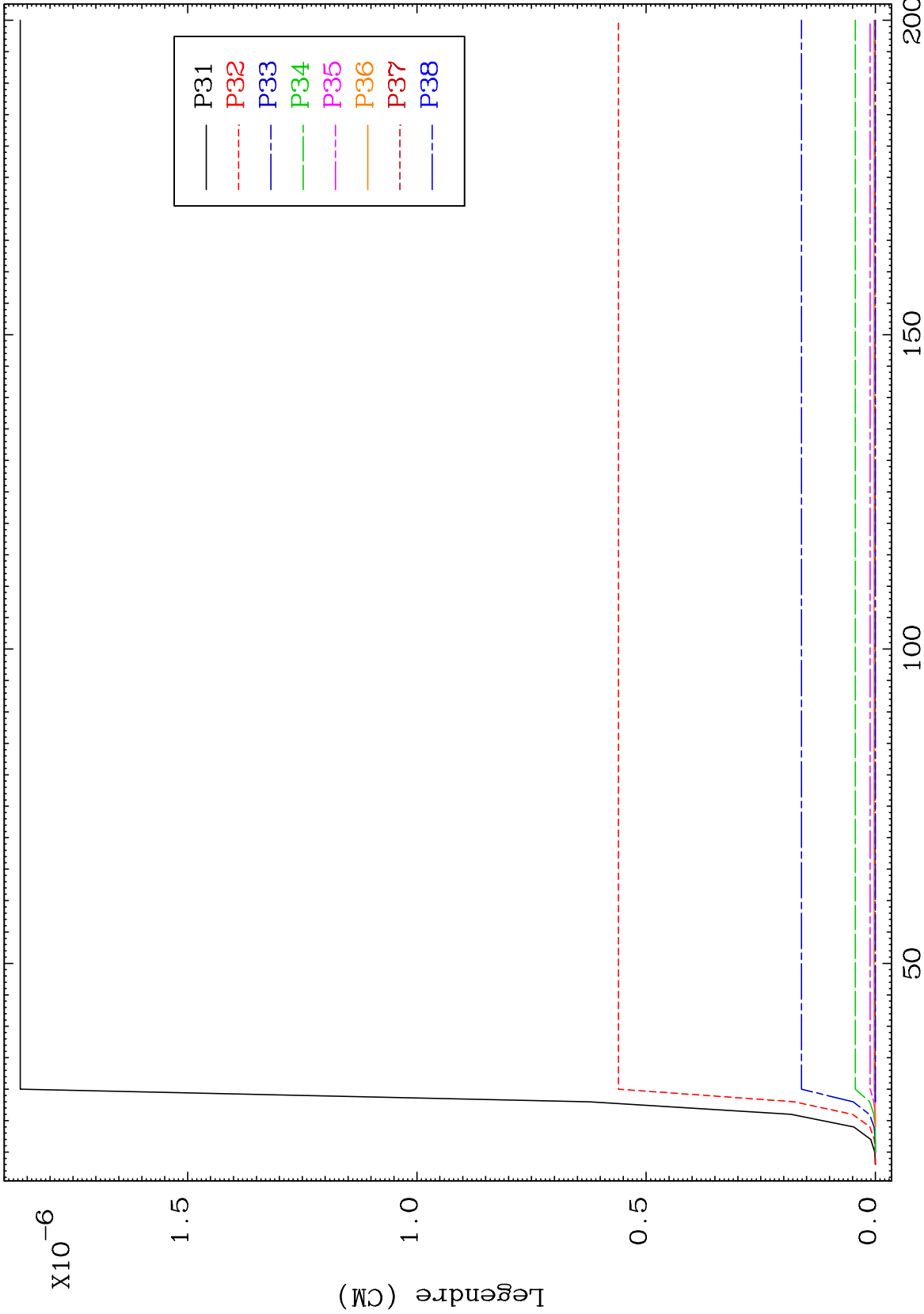
79-Au-183



MAT 7883

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

79-Au-183



34

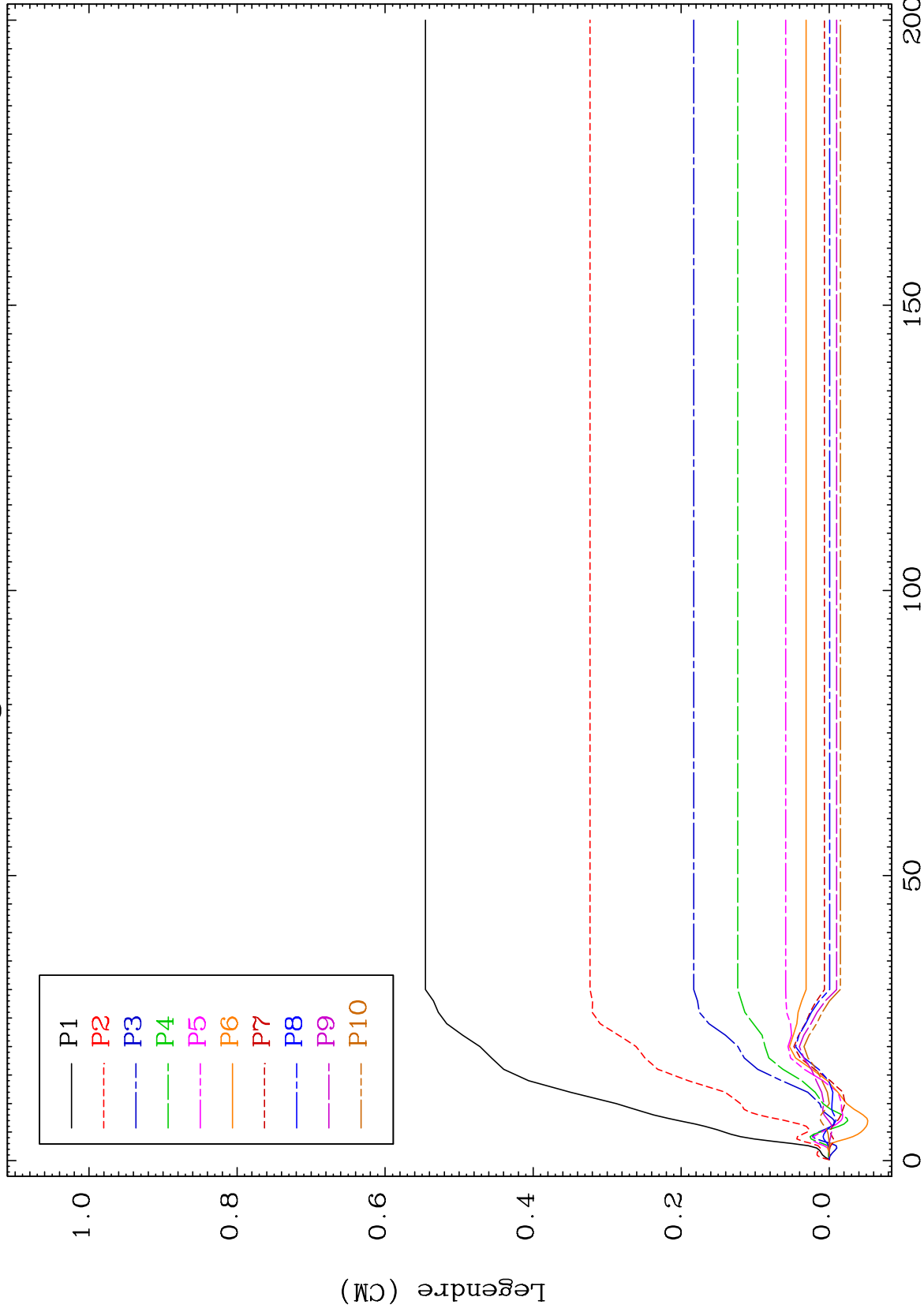
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



79-Au-183

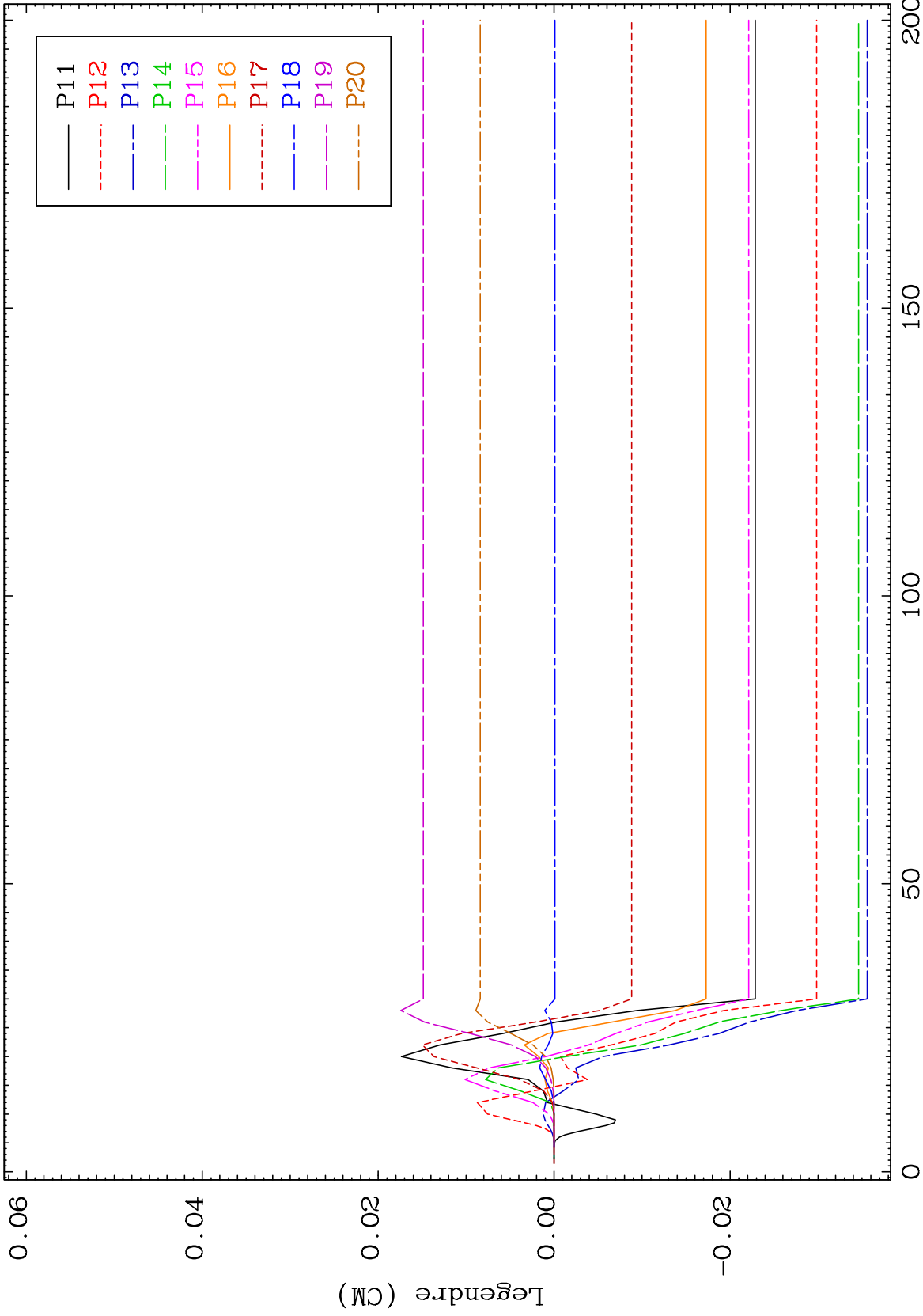
Incident Energy (MeV)

35

MAT 7883

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

79-Au-183



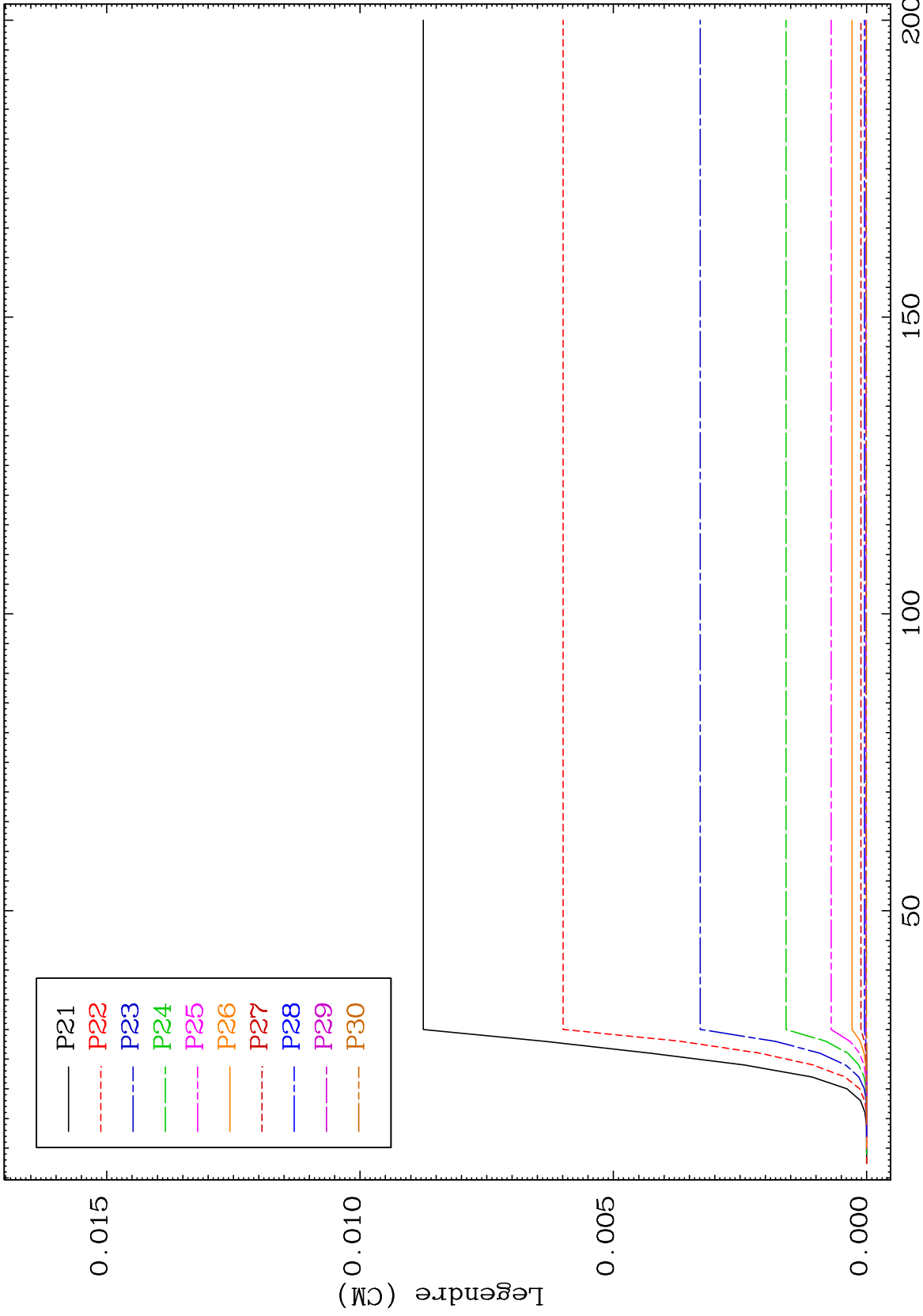
36

79-Au-183

MAT 7883

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

79-Au-183



37

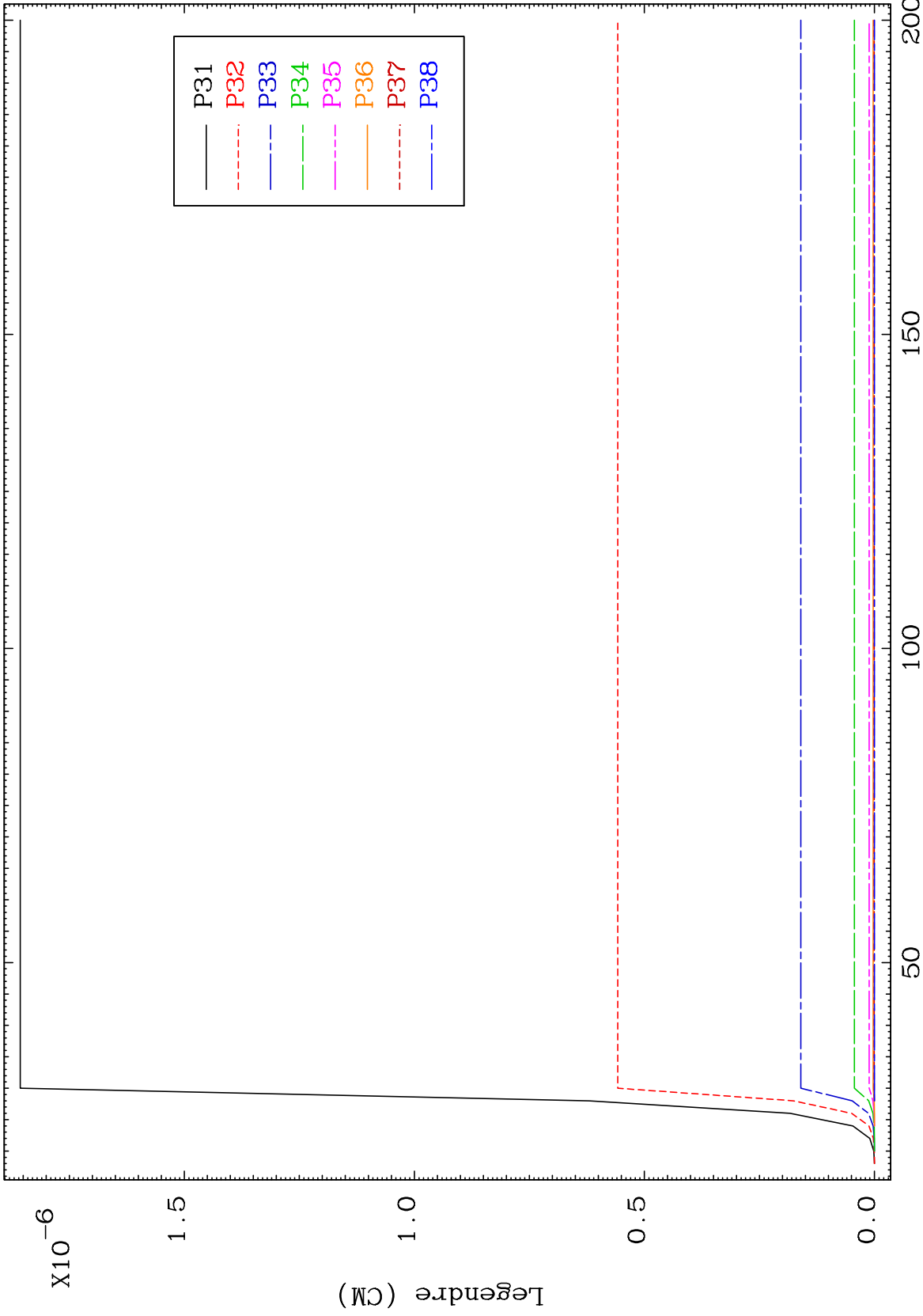
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



38

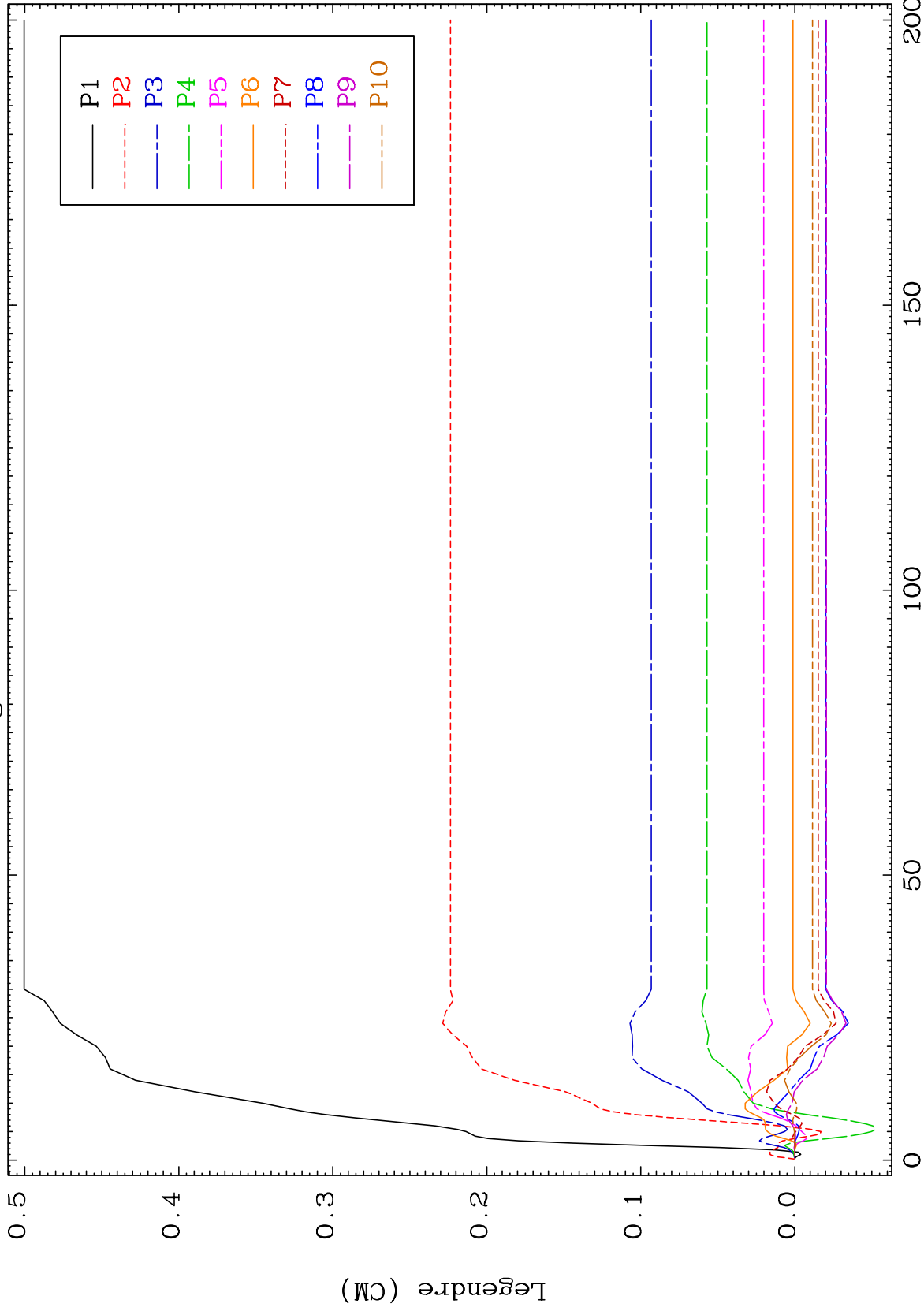
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



39

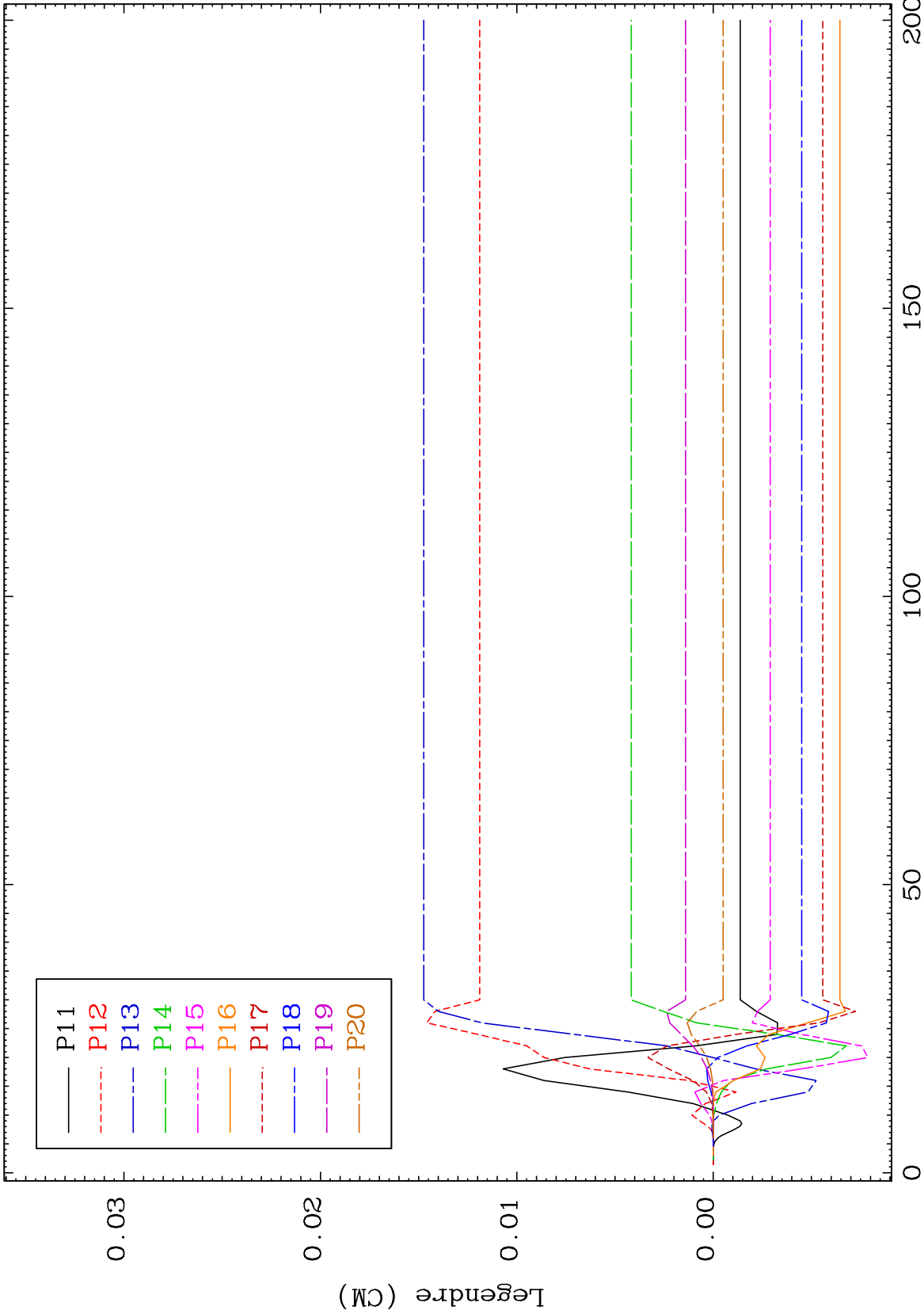
79-Au-183



MAT 7883

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

79-Au-183



40

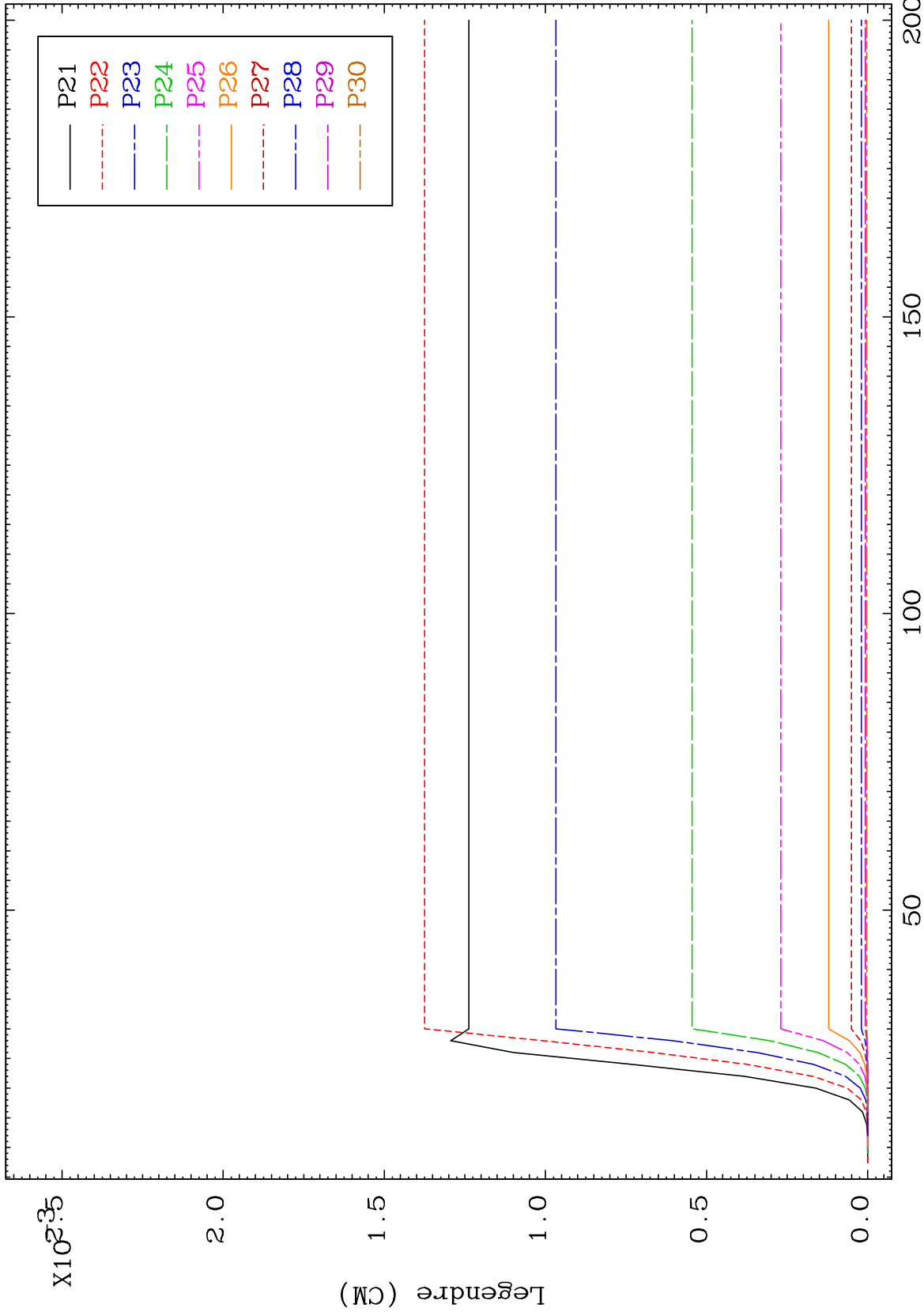
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



41

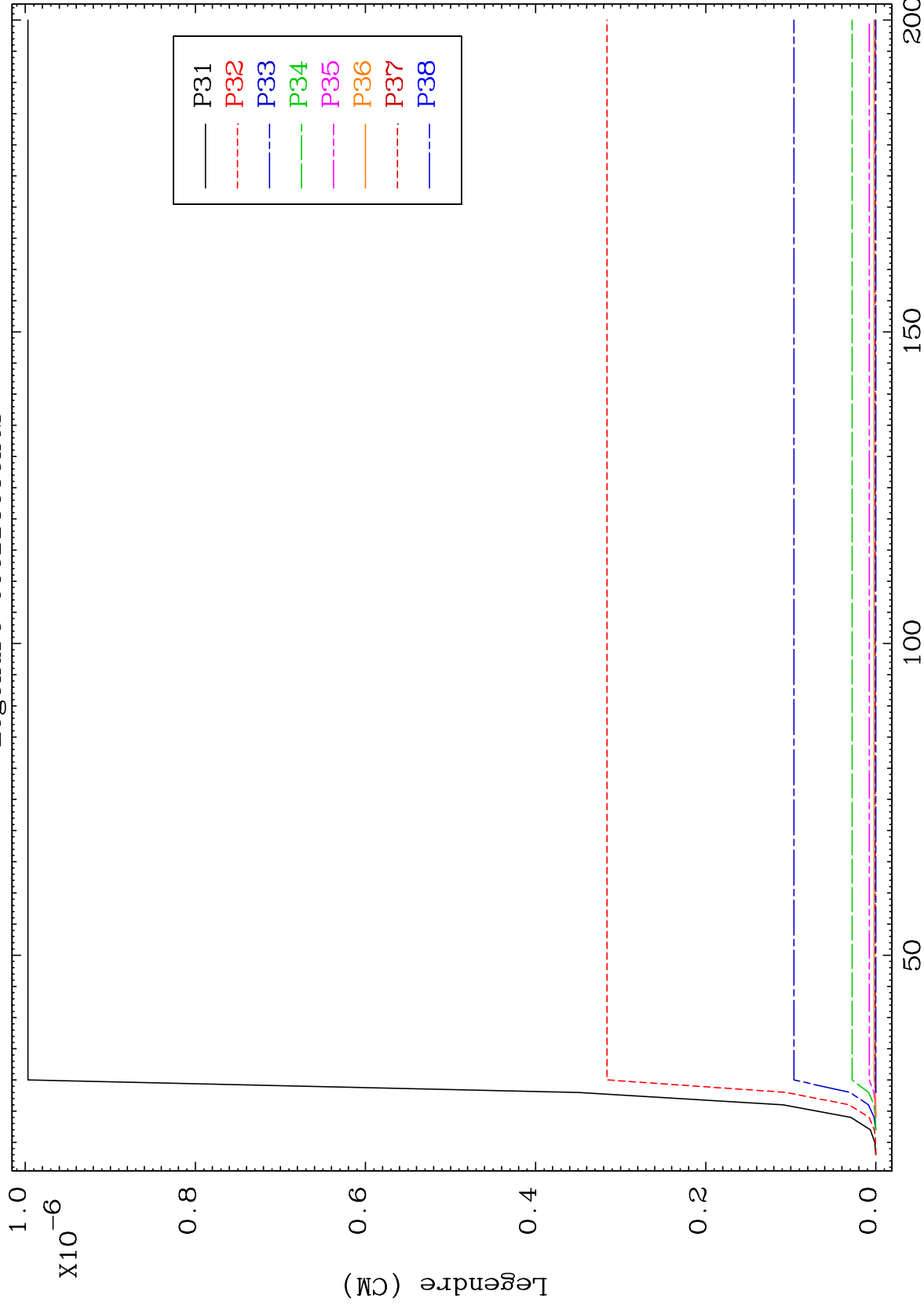
Incident Energy (MeV)

79-Au-183

MAT 7883

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

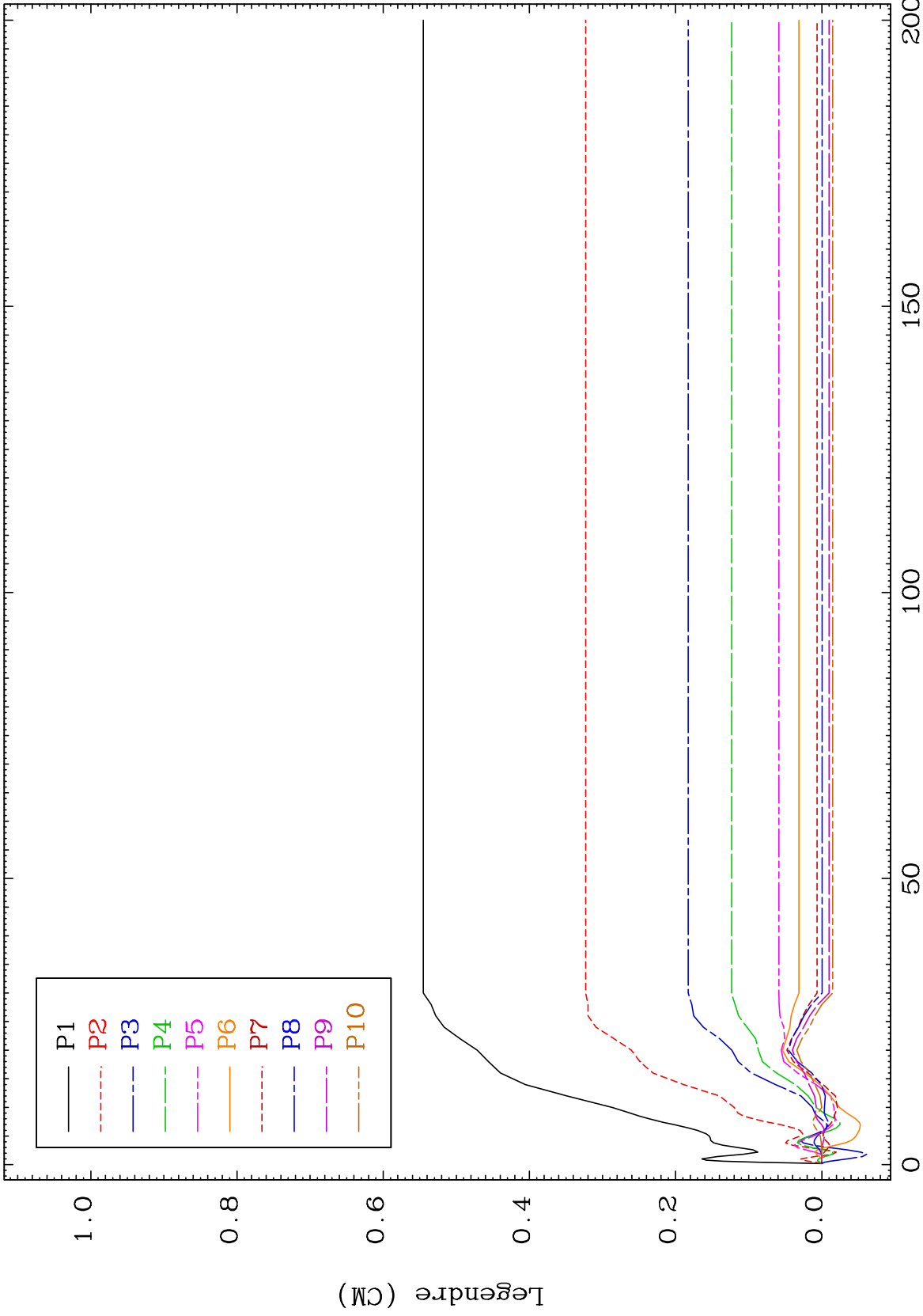
79-Au-183



42

Incident Energy (MeV)

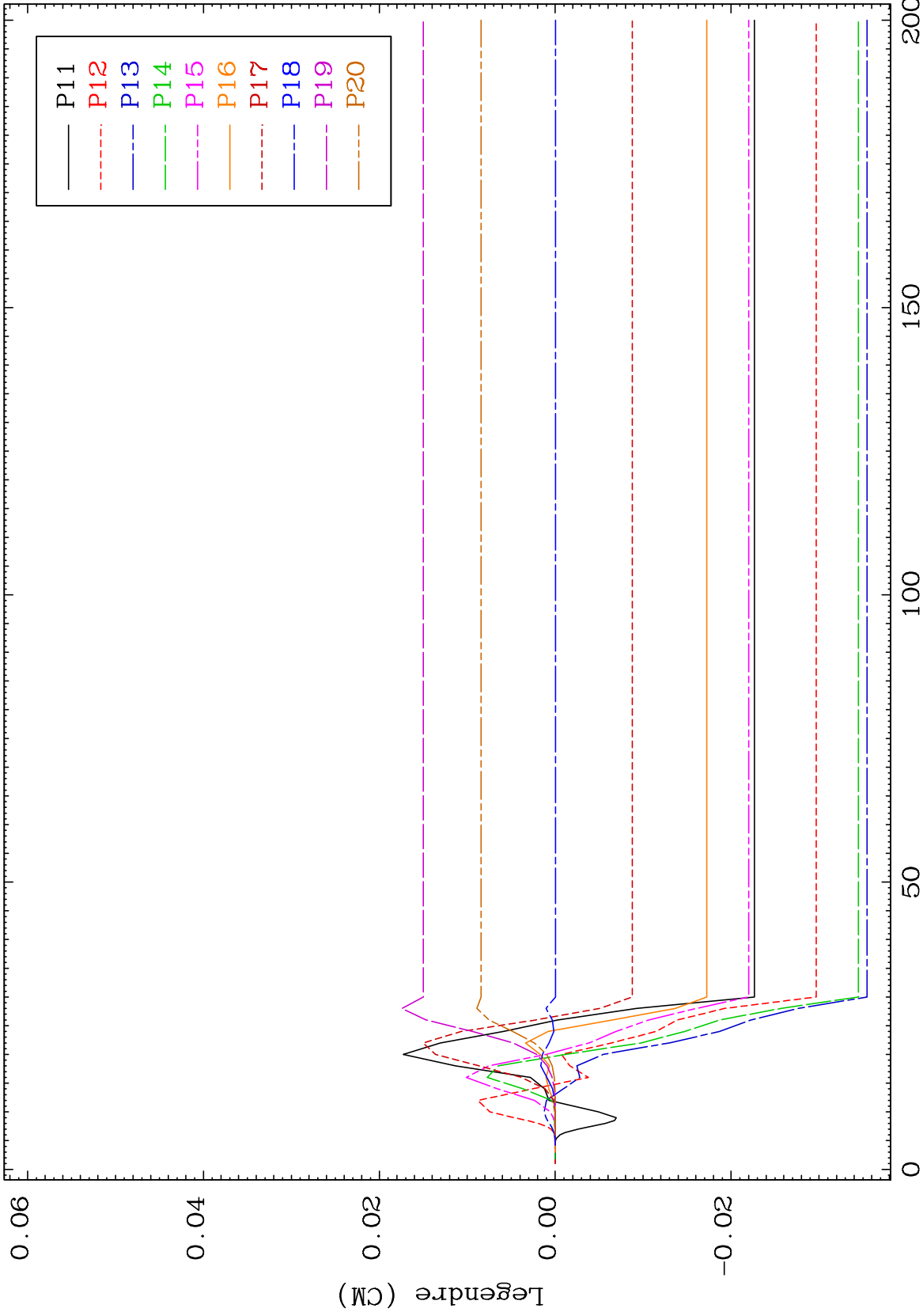
79-Au-183



MAT 7883

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

79-Au-183



44

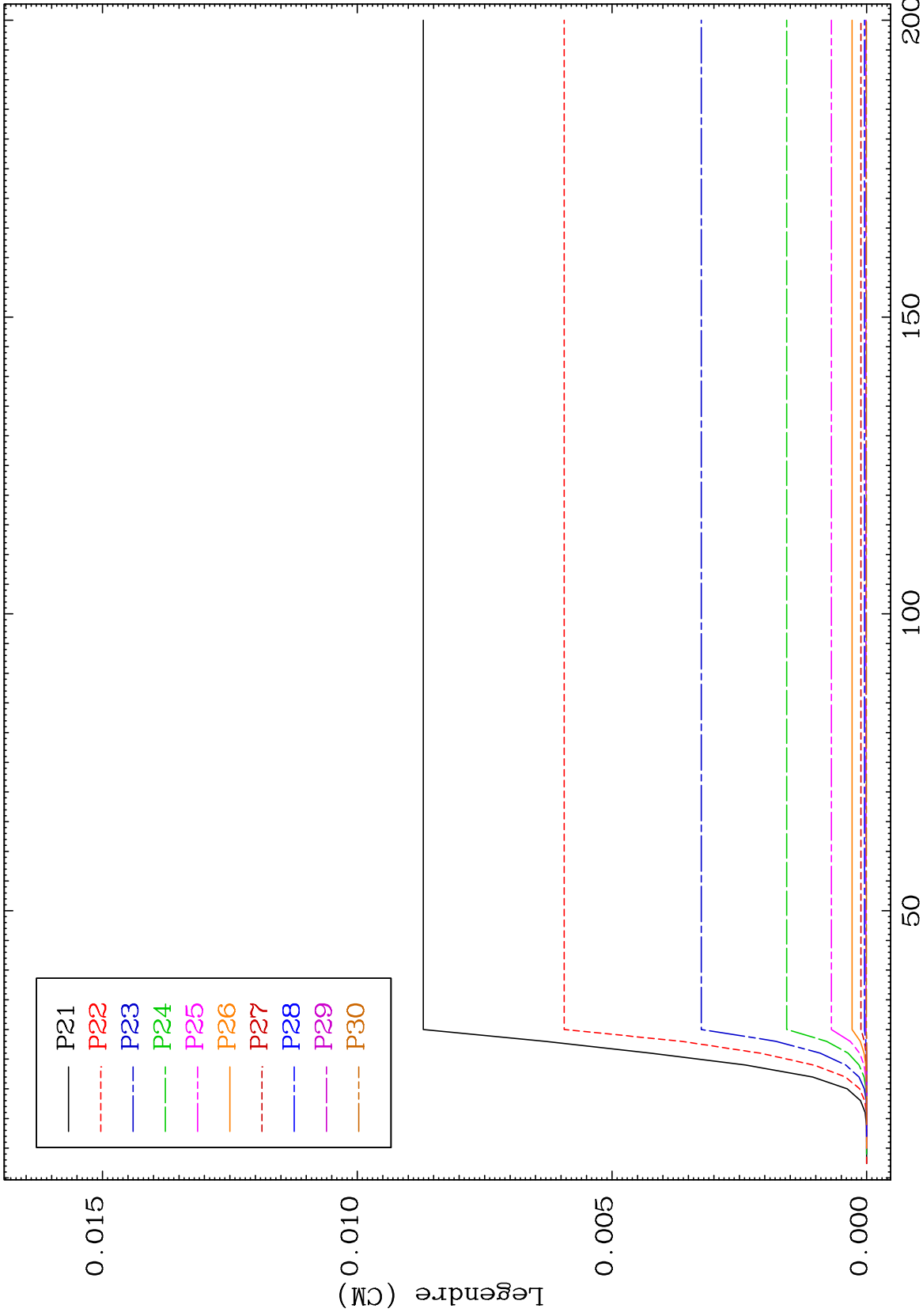
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



45

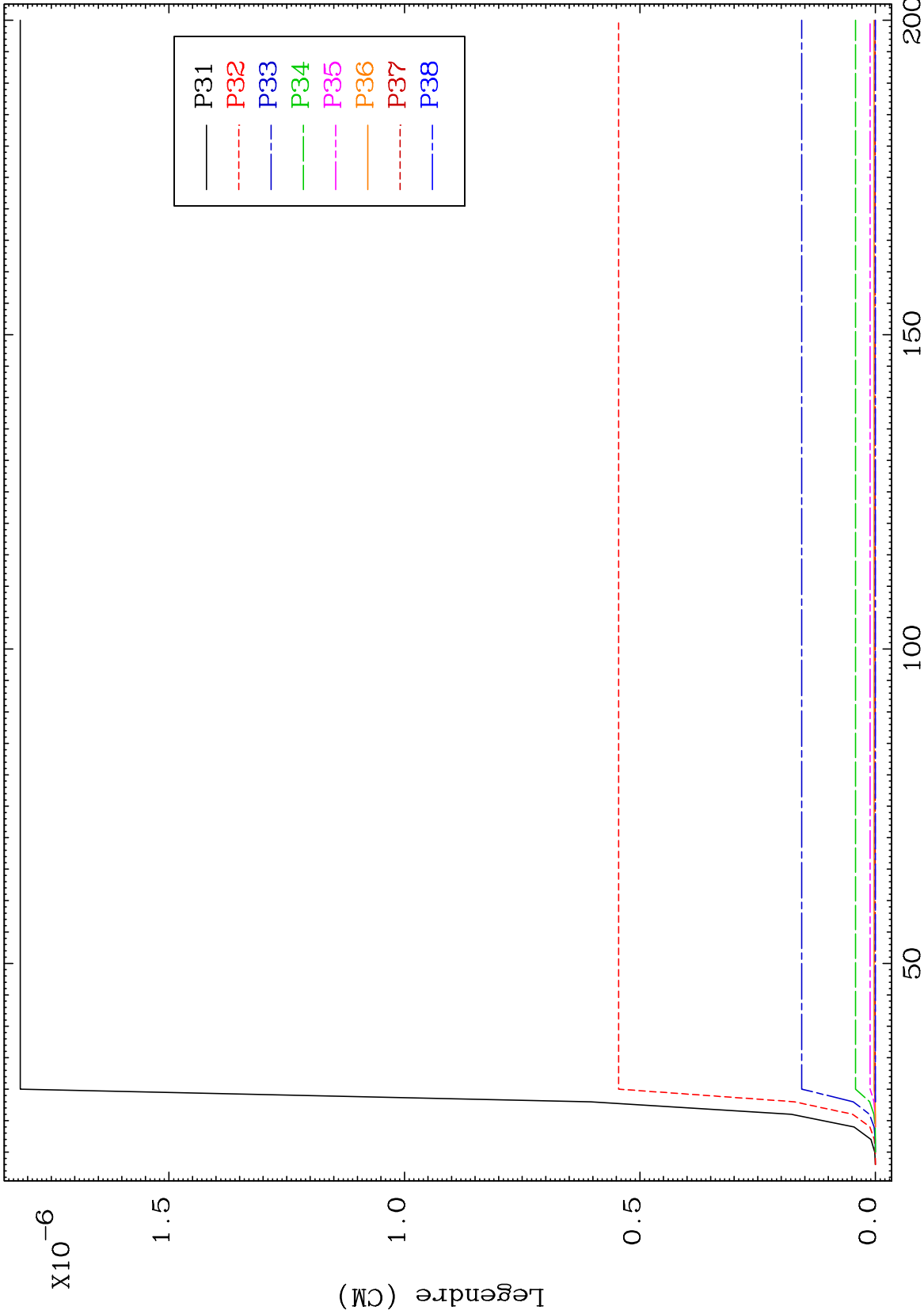
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



46

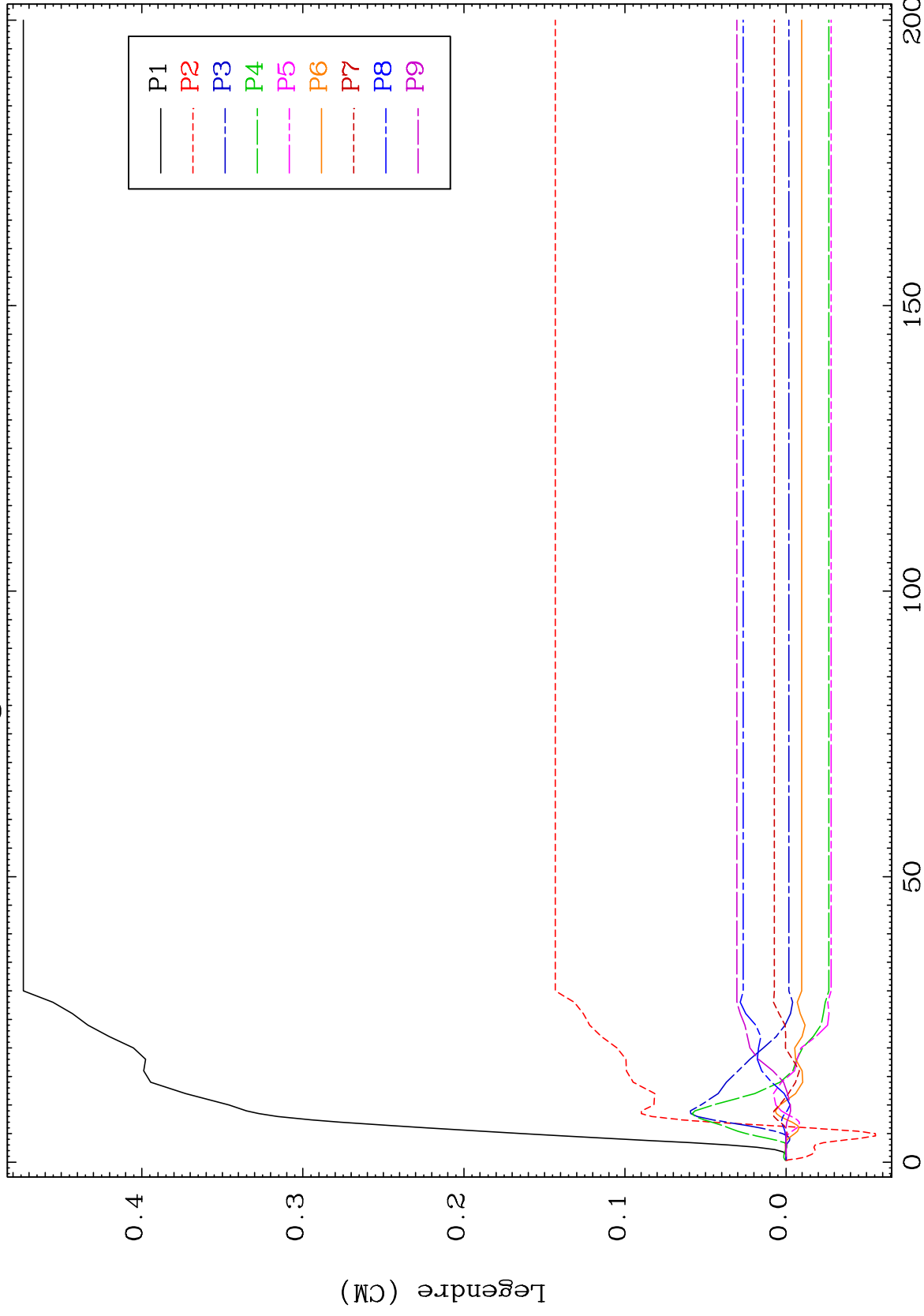
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



47

Incident Energy (MeV)

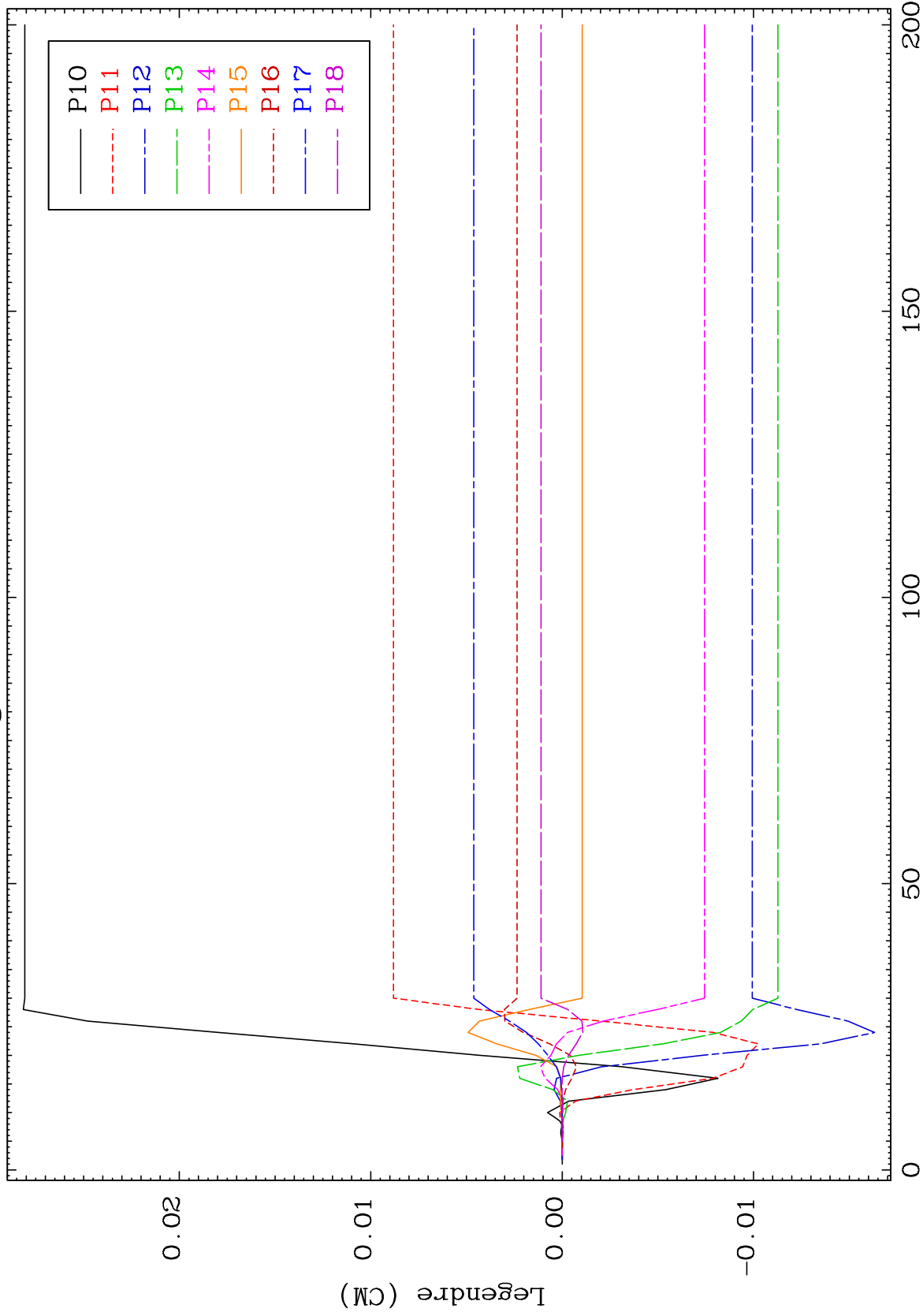
79-Au-183



MAT 7883

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

79-Au-183



48

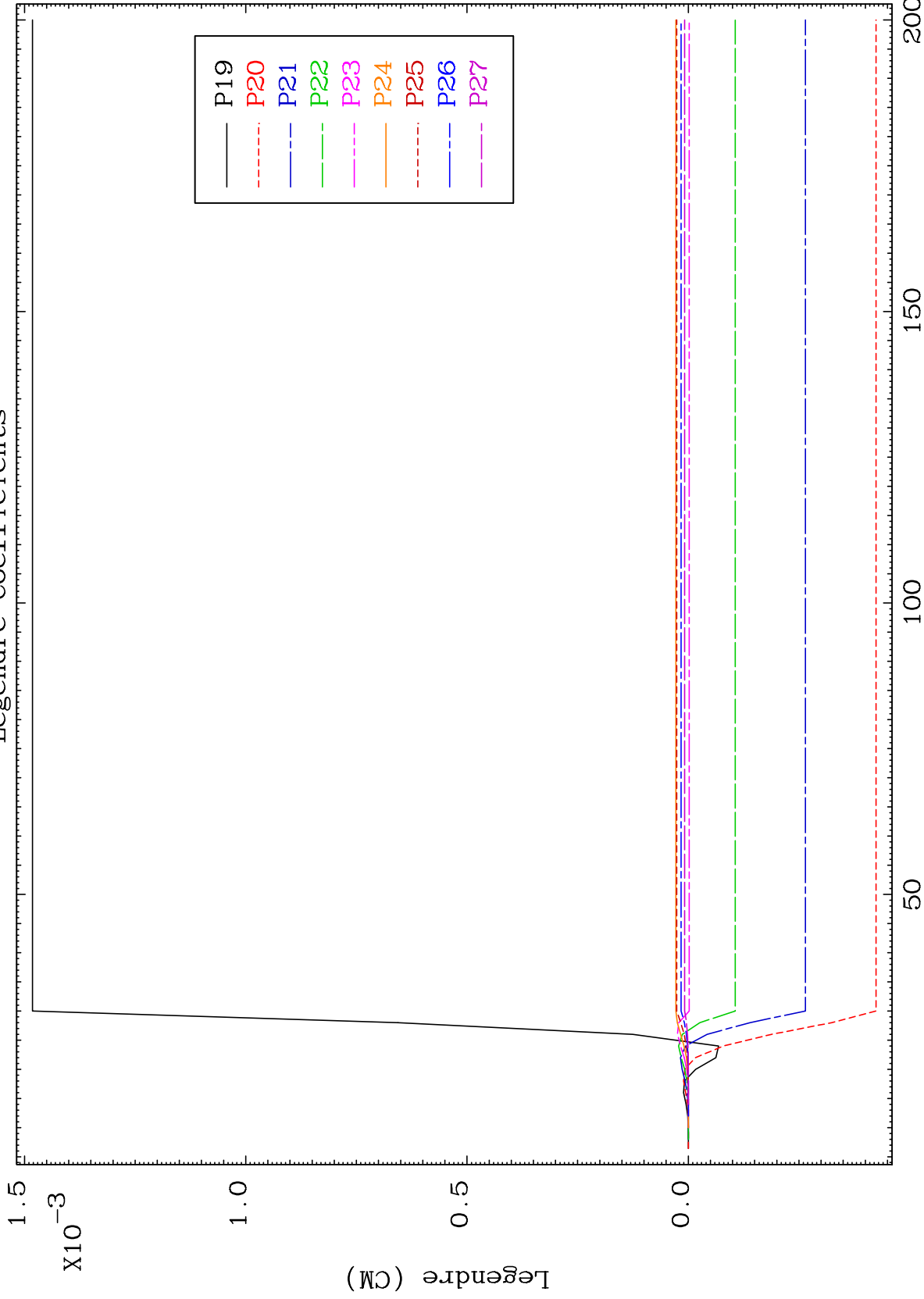
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



49

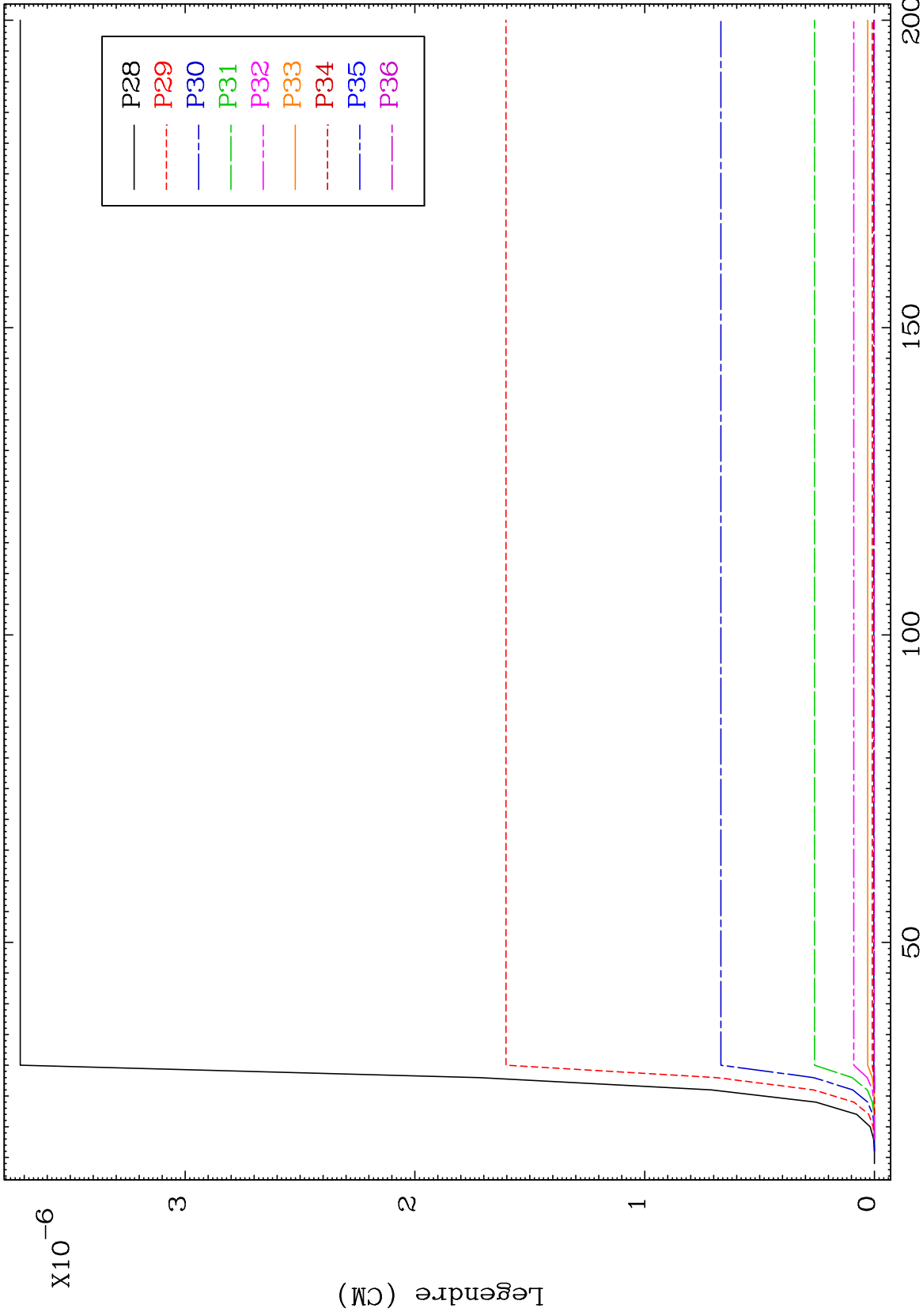
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



50

50

100

150

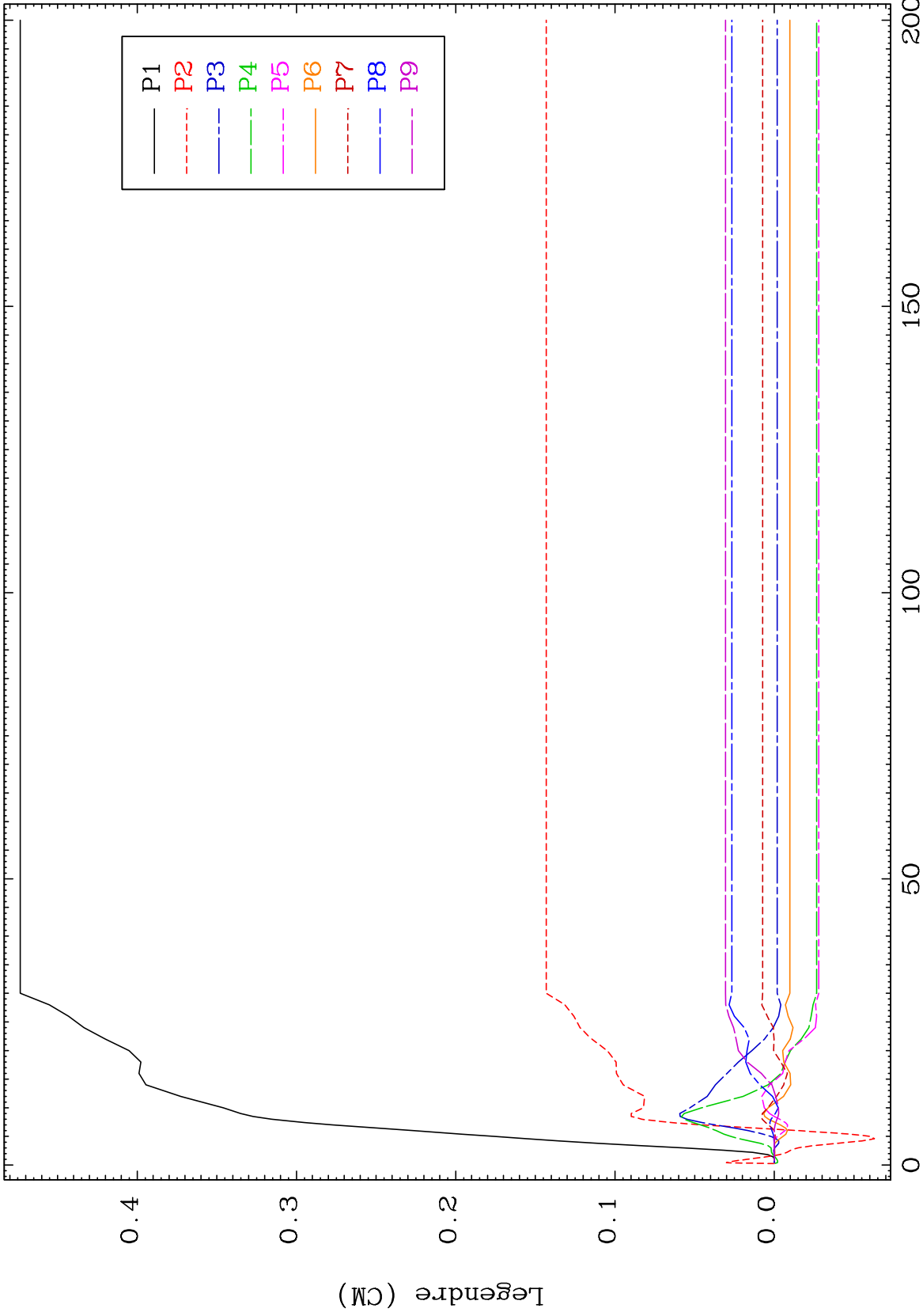
200

79-Au-183

MAT 7883

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

79-Au-183



51

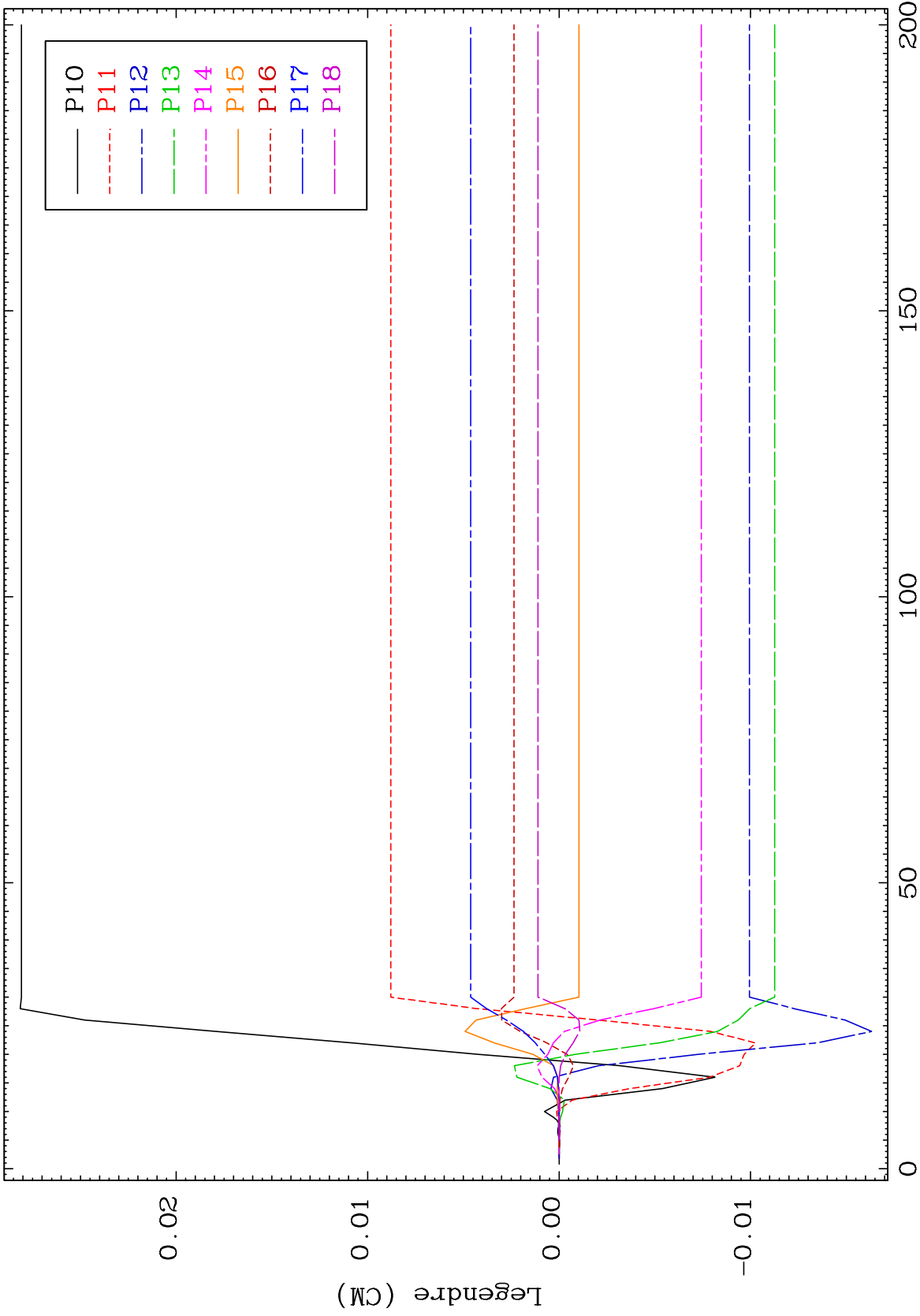
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



52

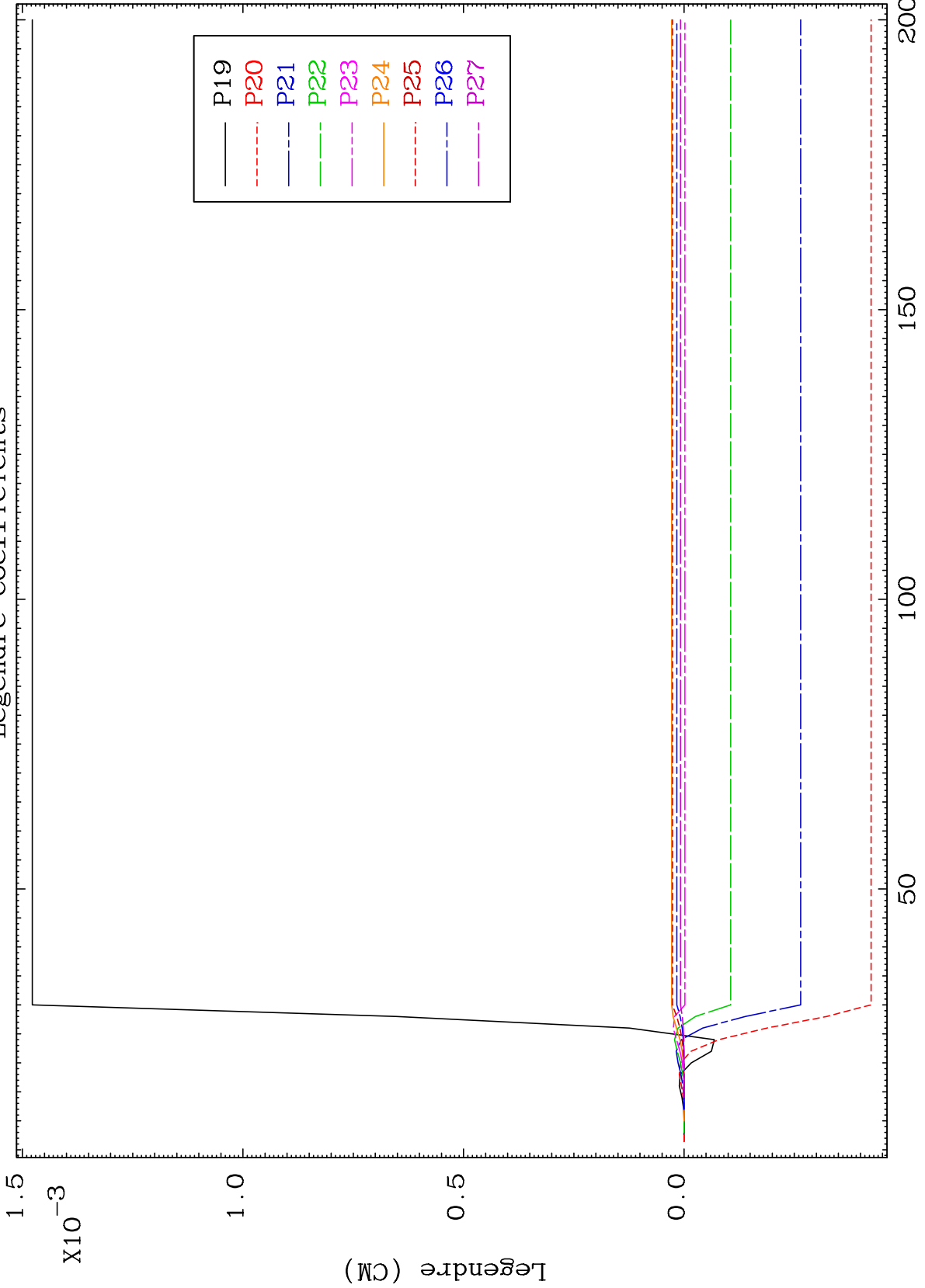
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



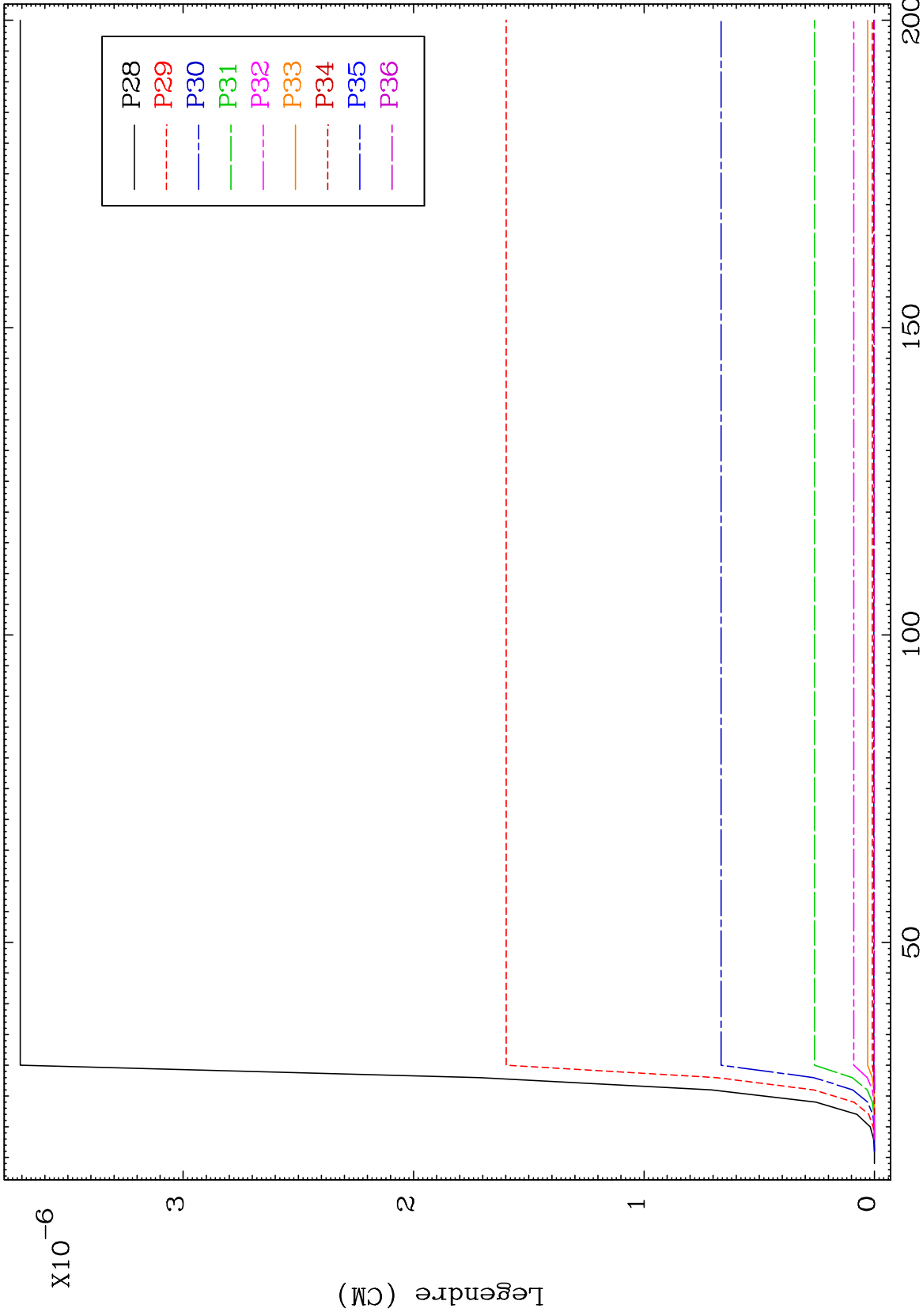
53

79-Au-183

MAT 7883

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

79-Au-183



54

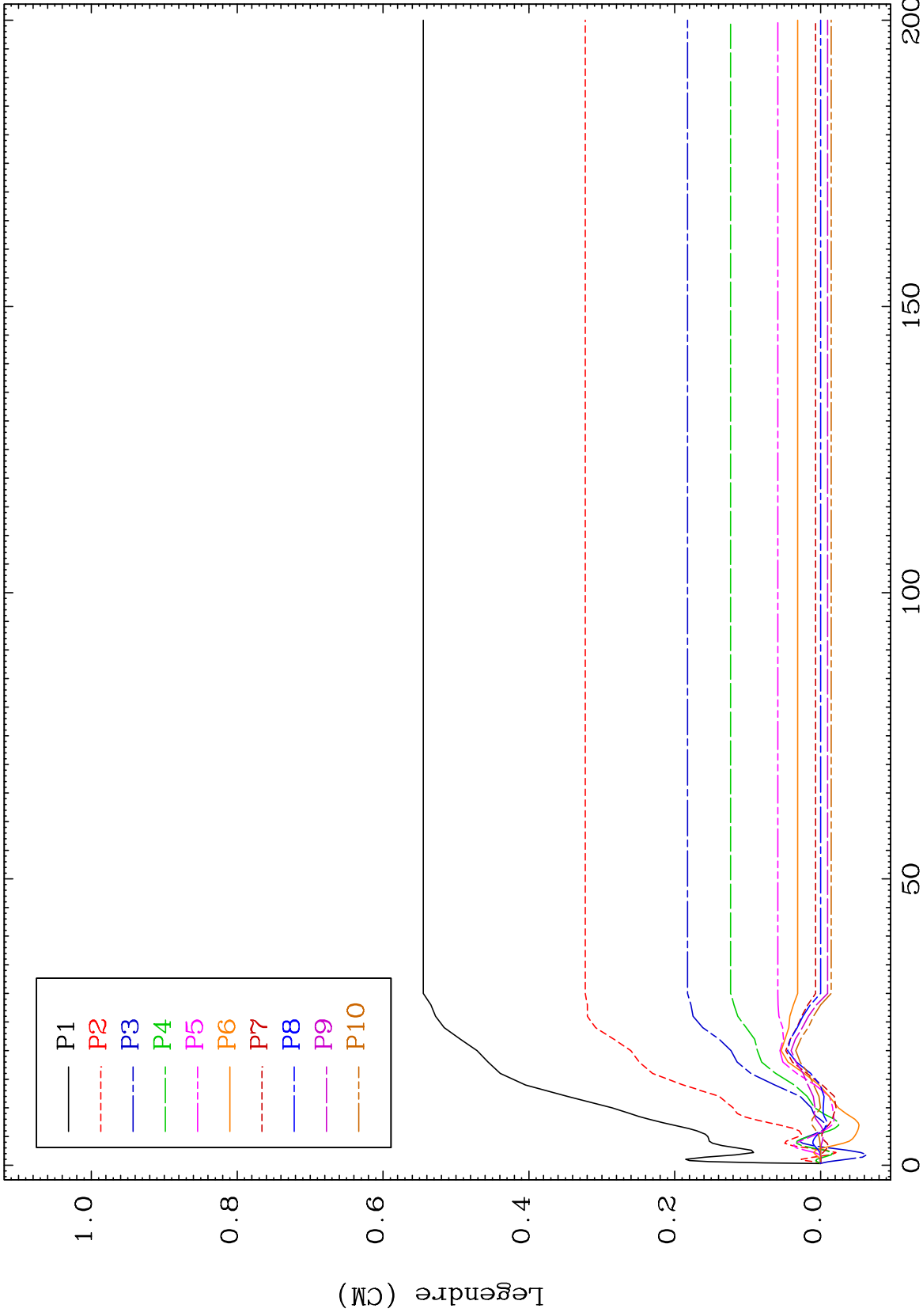
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



55

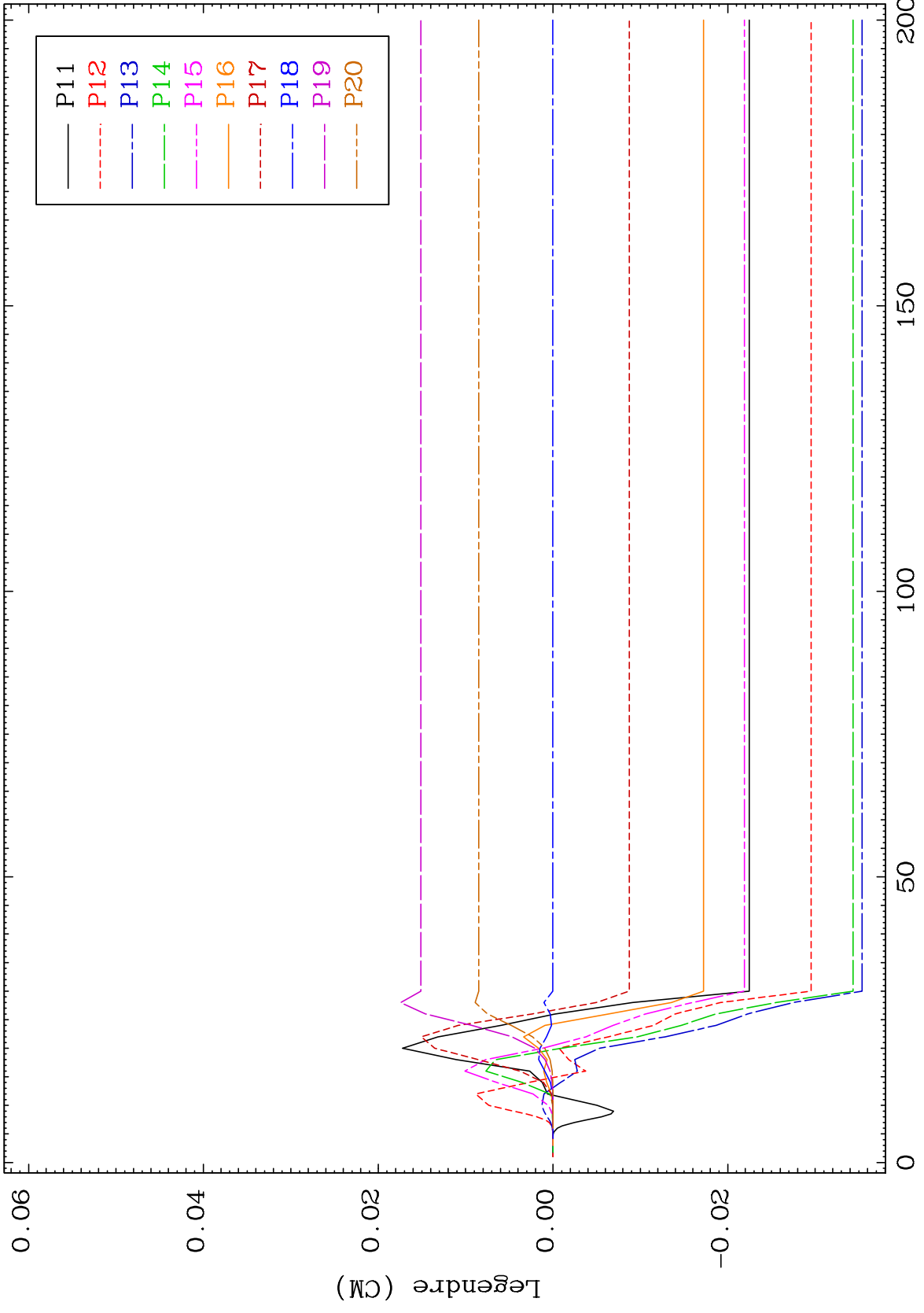
79-Au-183



MAT 7883

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

79-Au-183



56

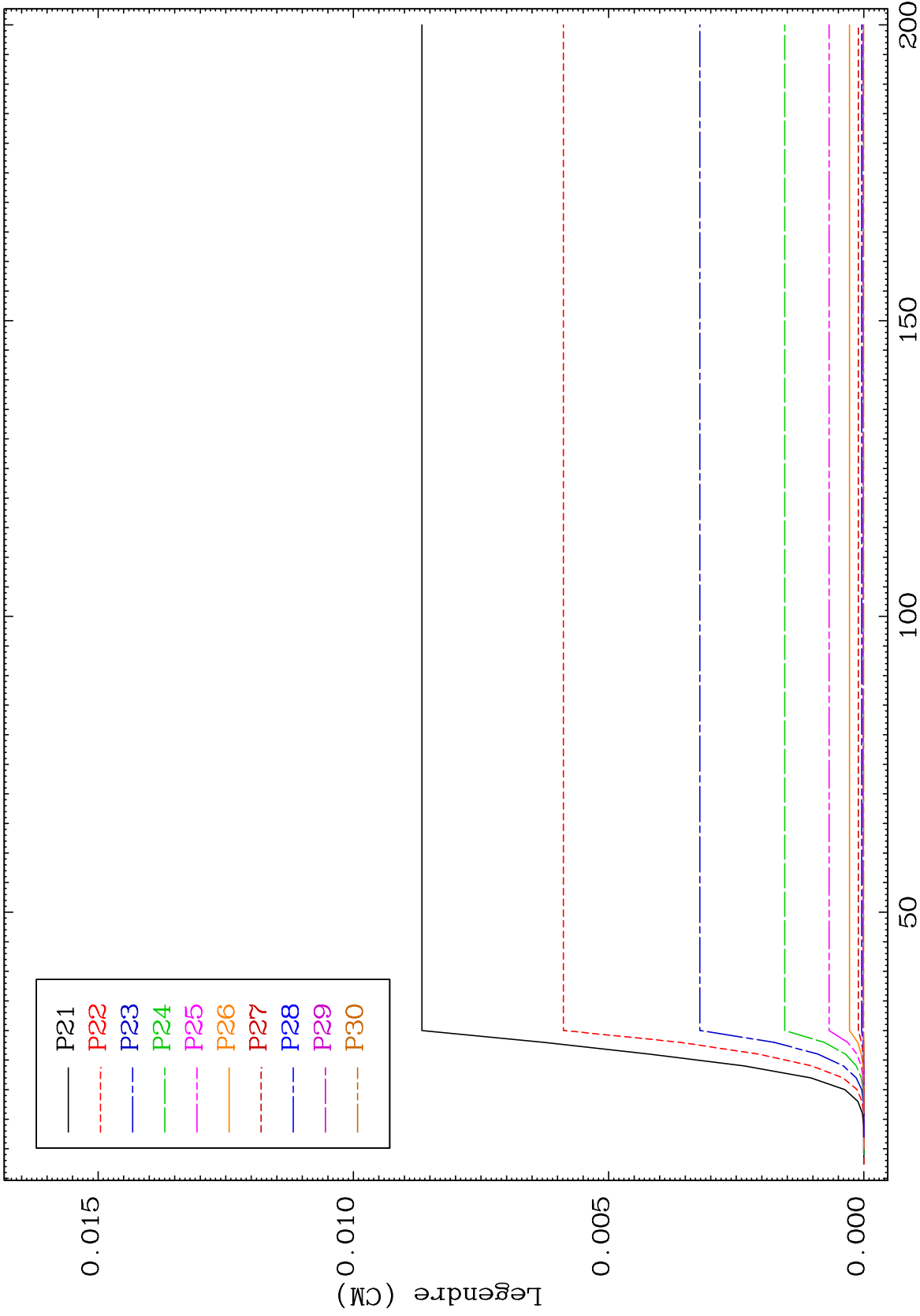
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



57

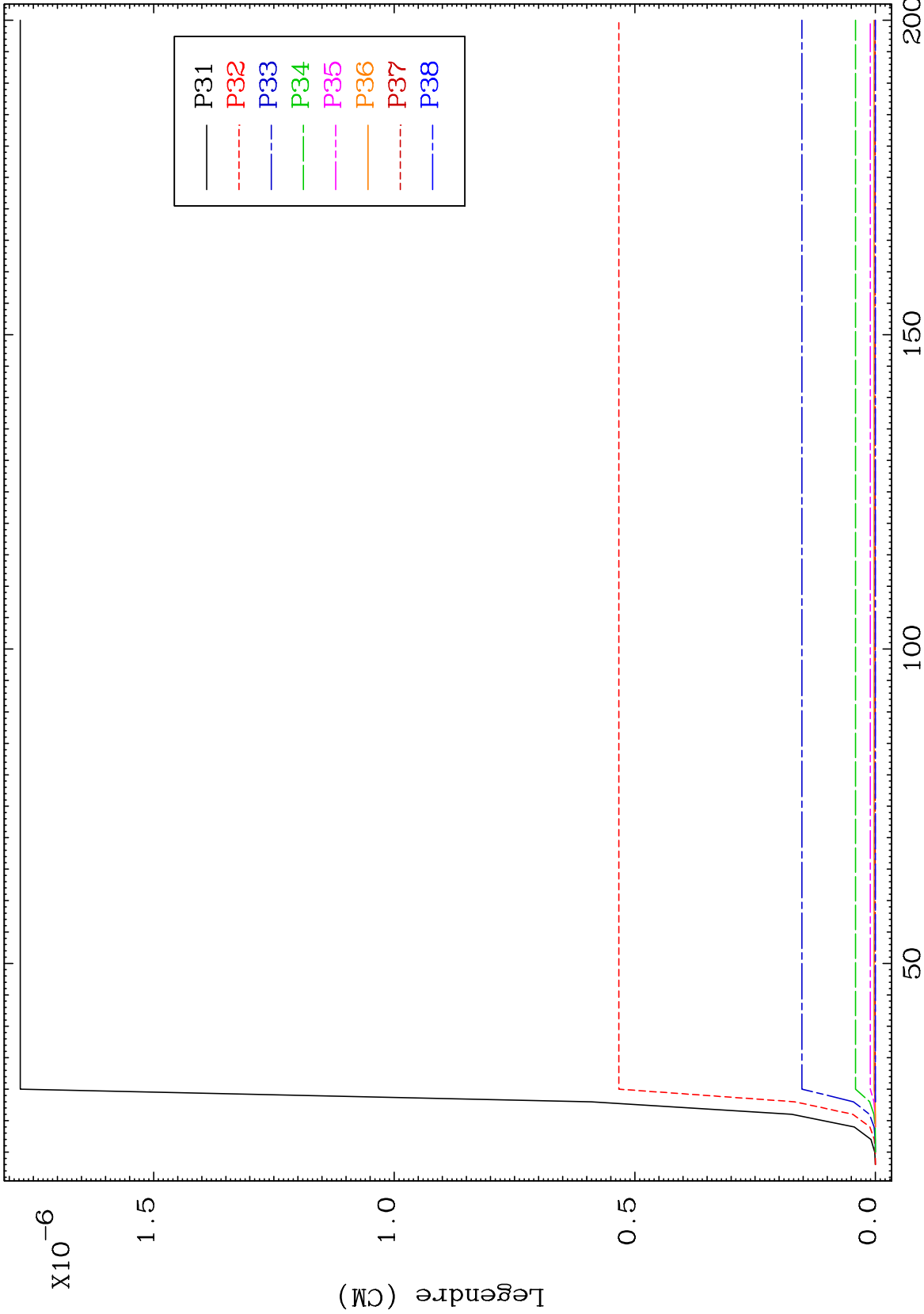
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



58

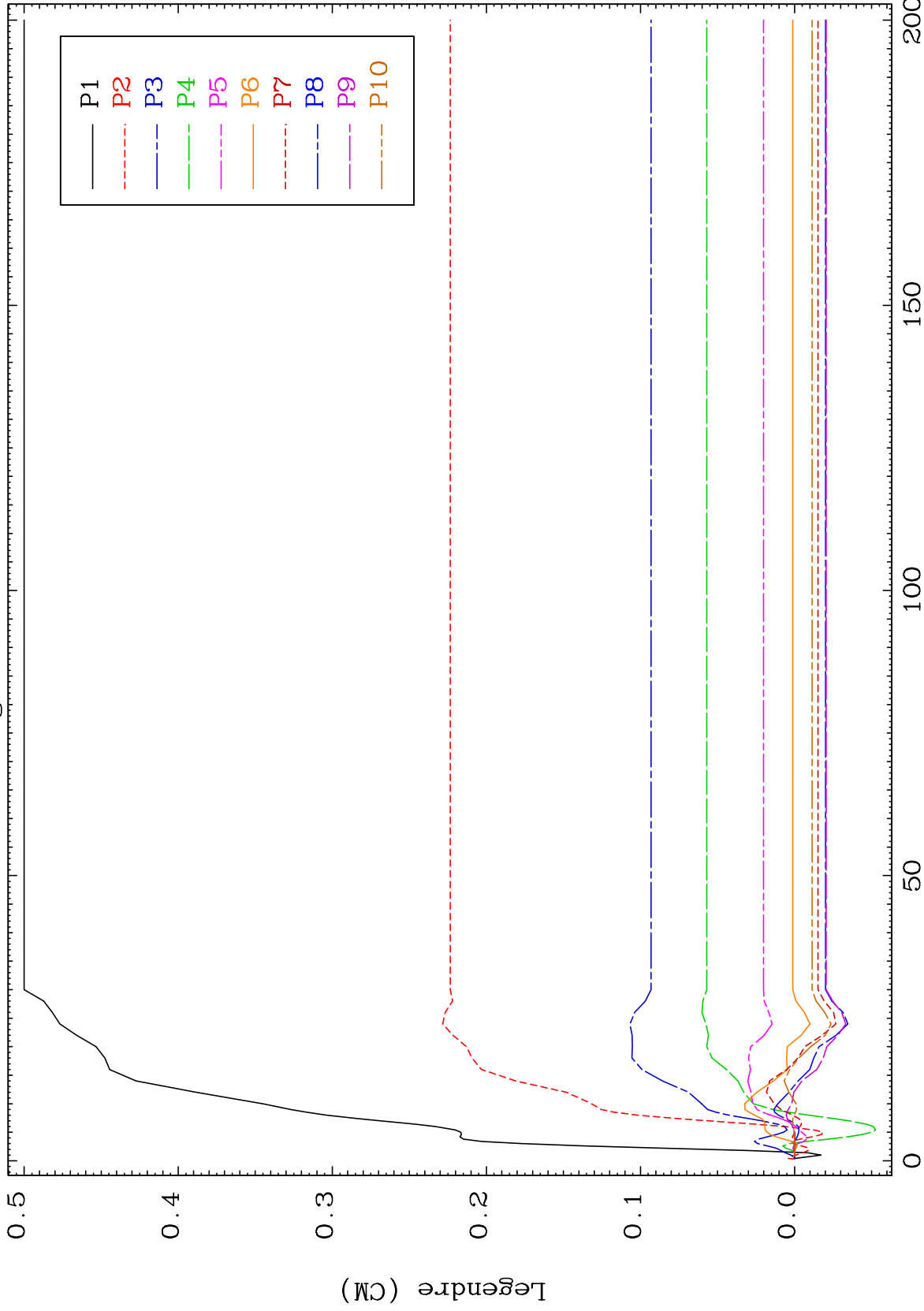
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



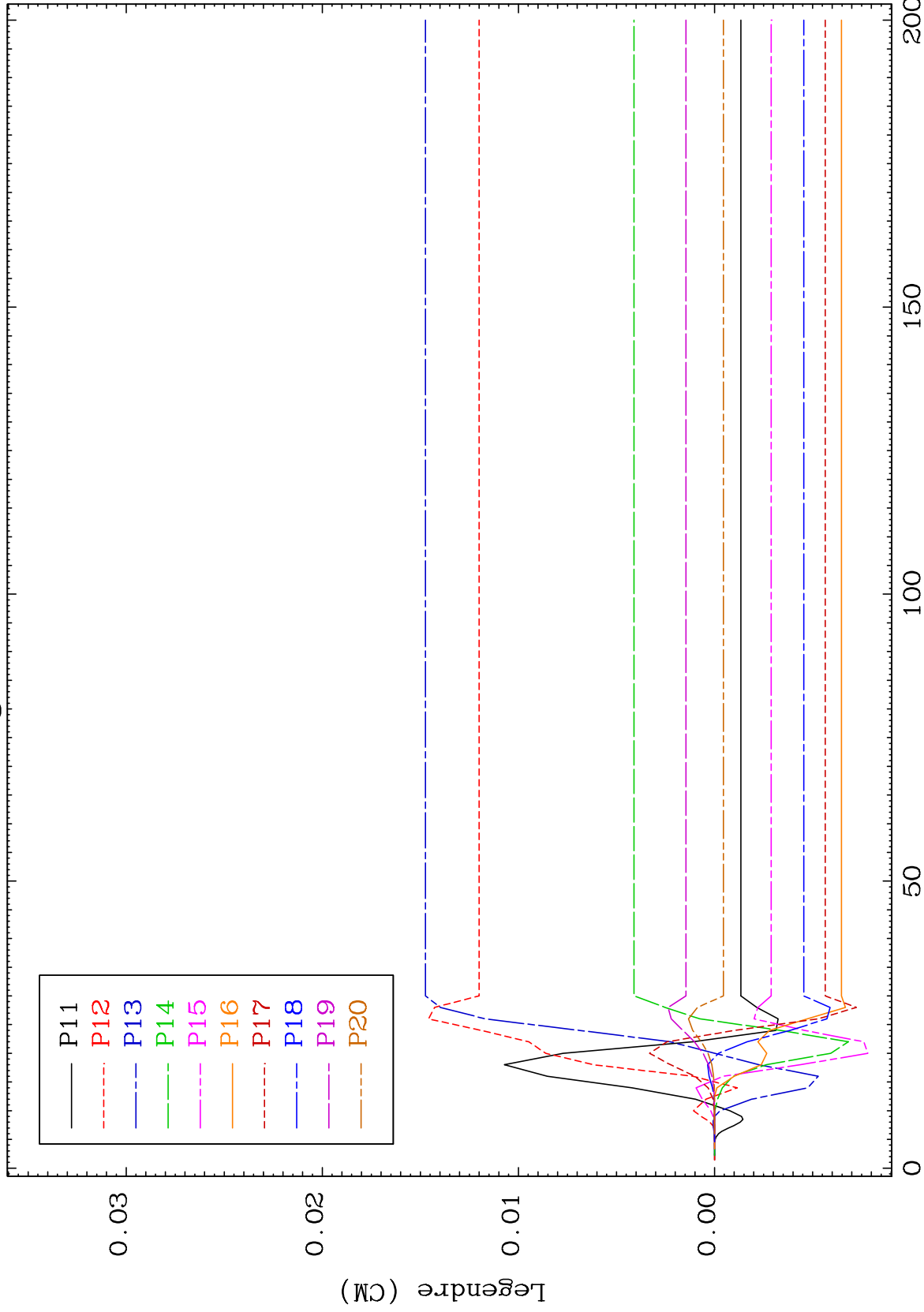
59

79-Au-183

MAT 7883

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

79-Au-183



60

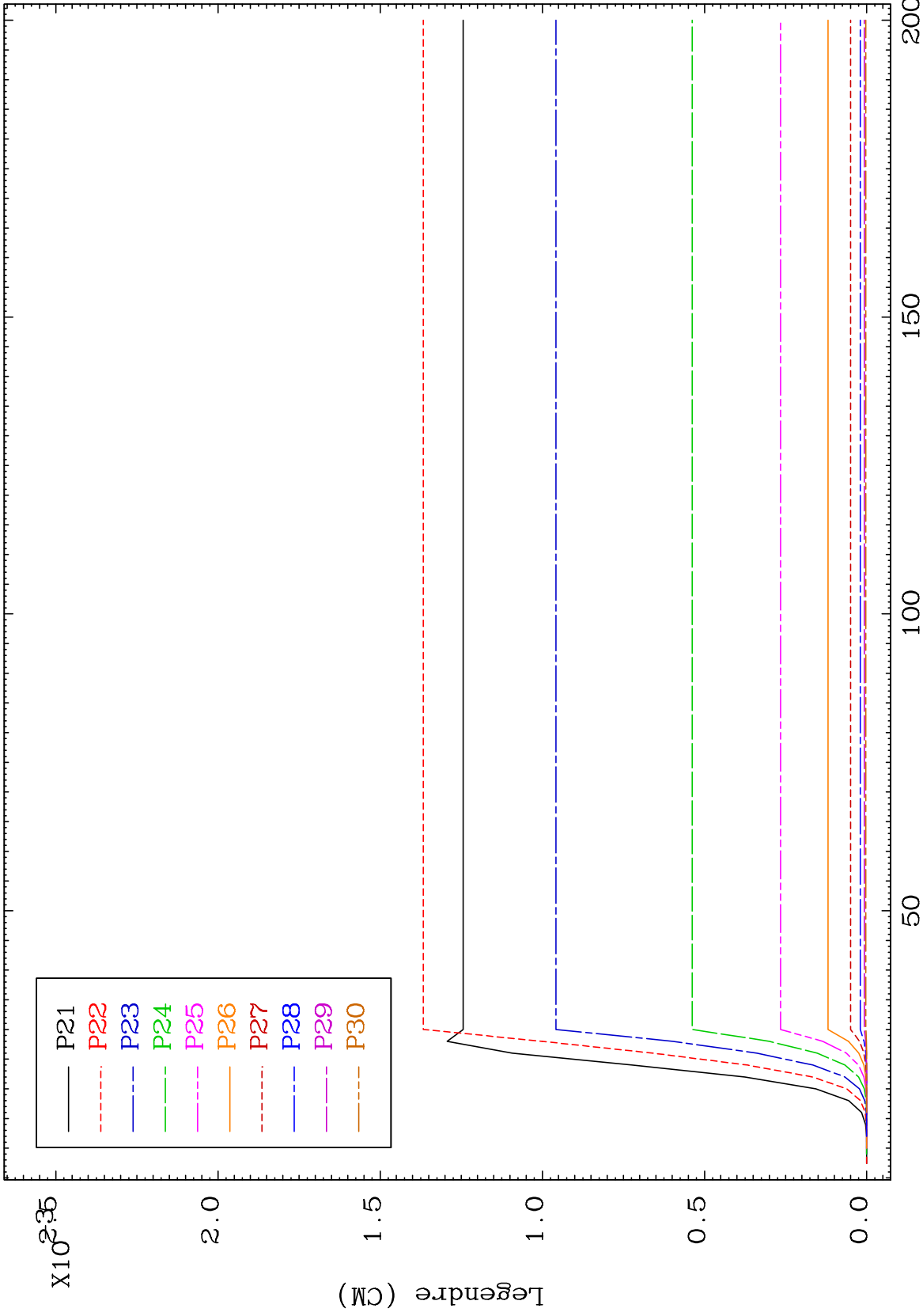
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



61

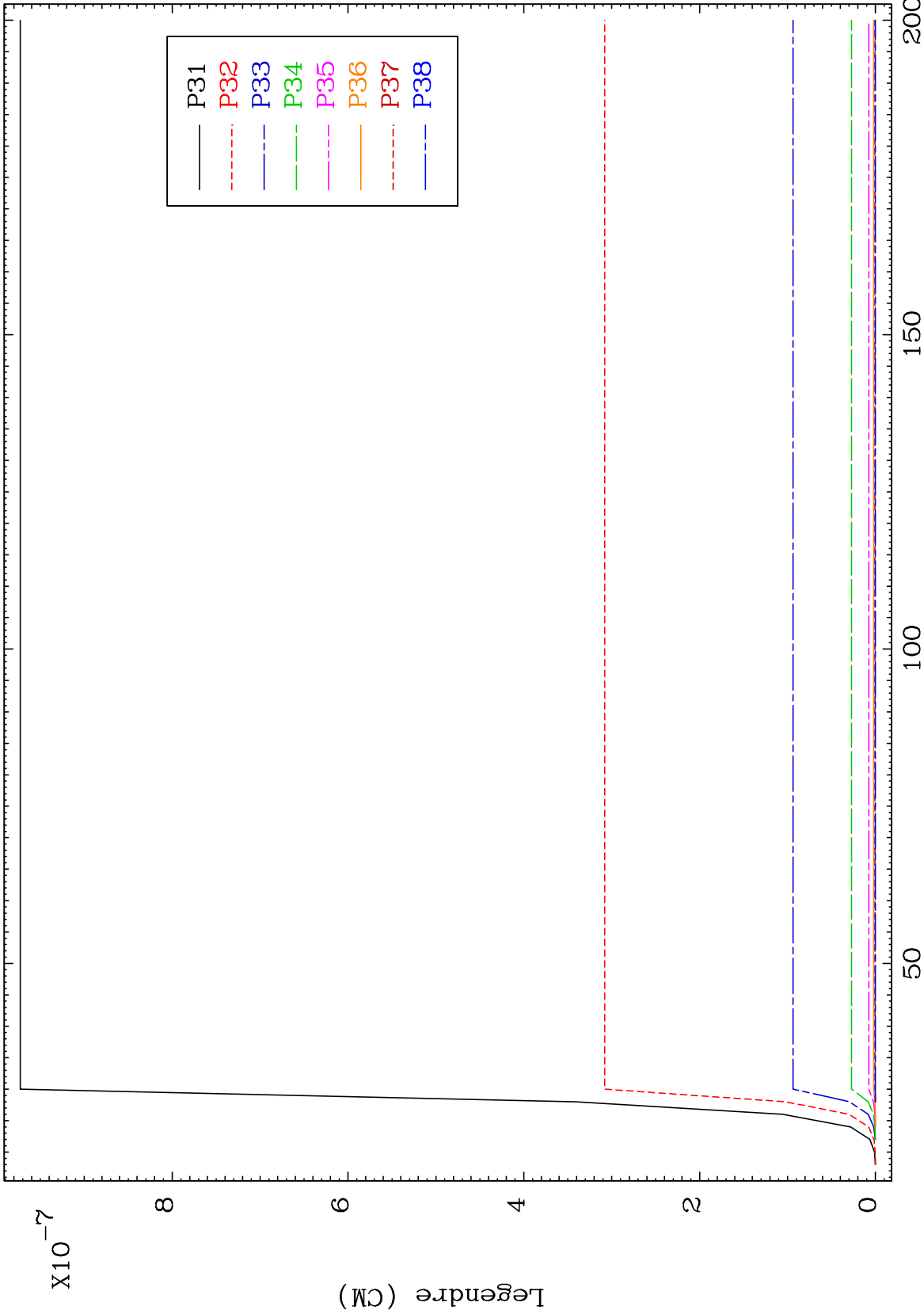
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



62

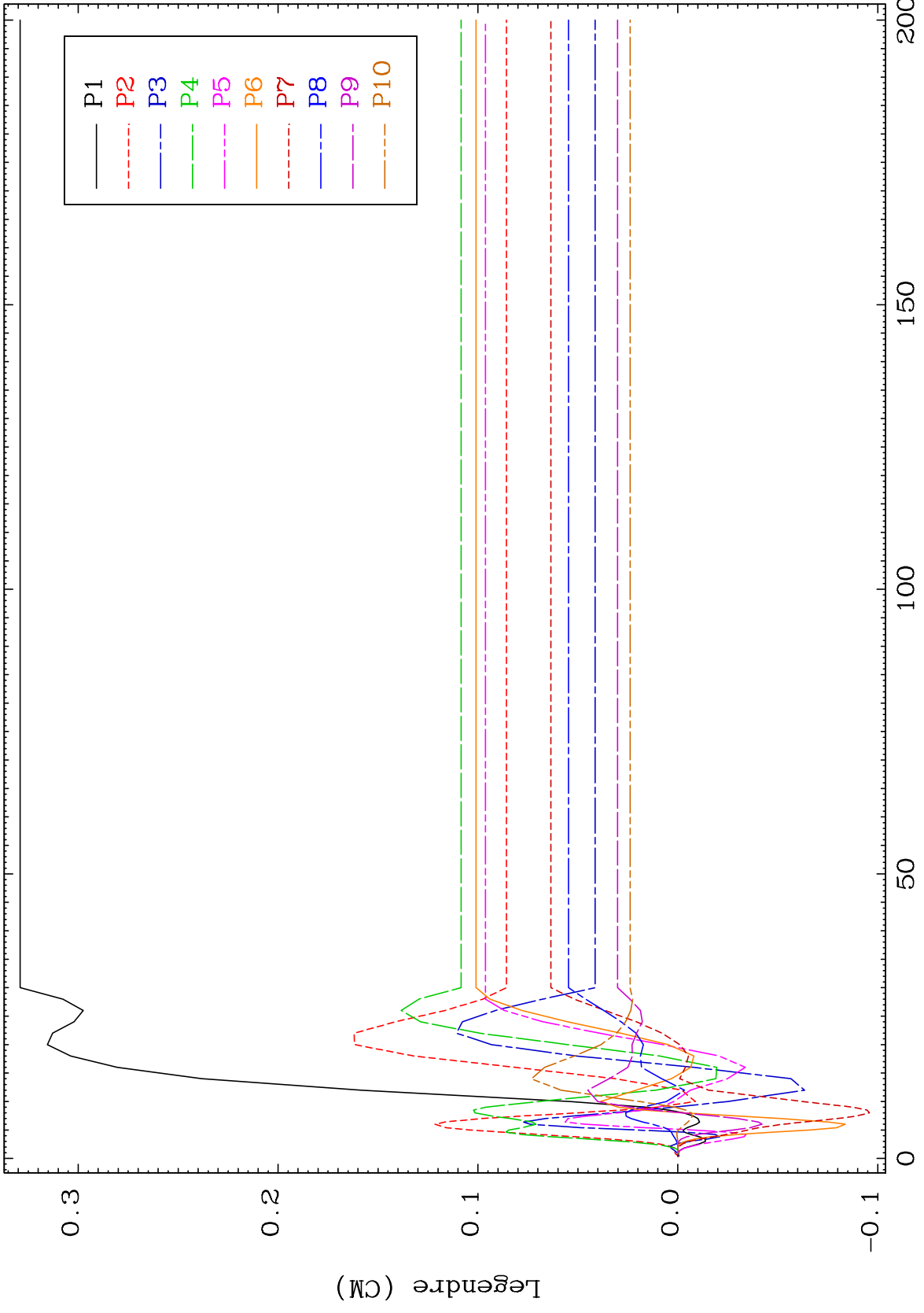
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



63

Incident Energy (MeV)

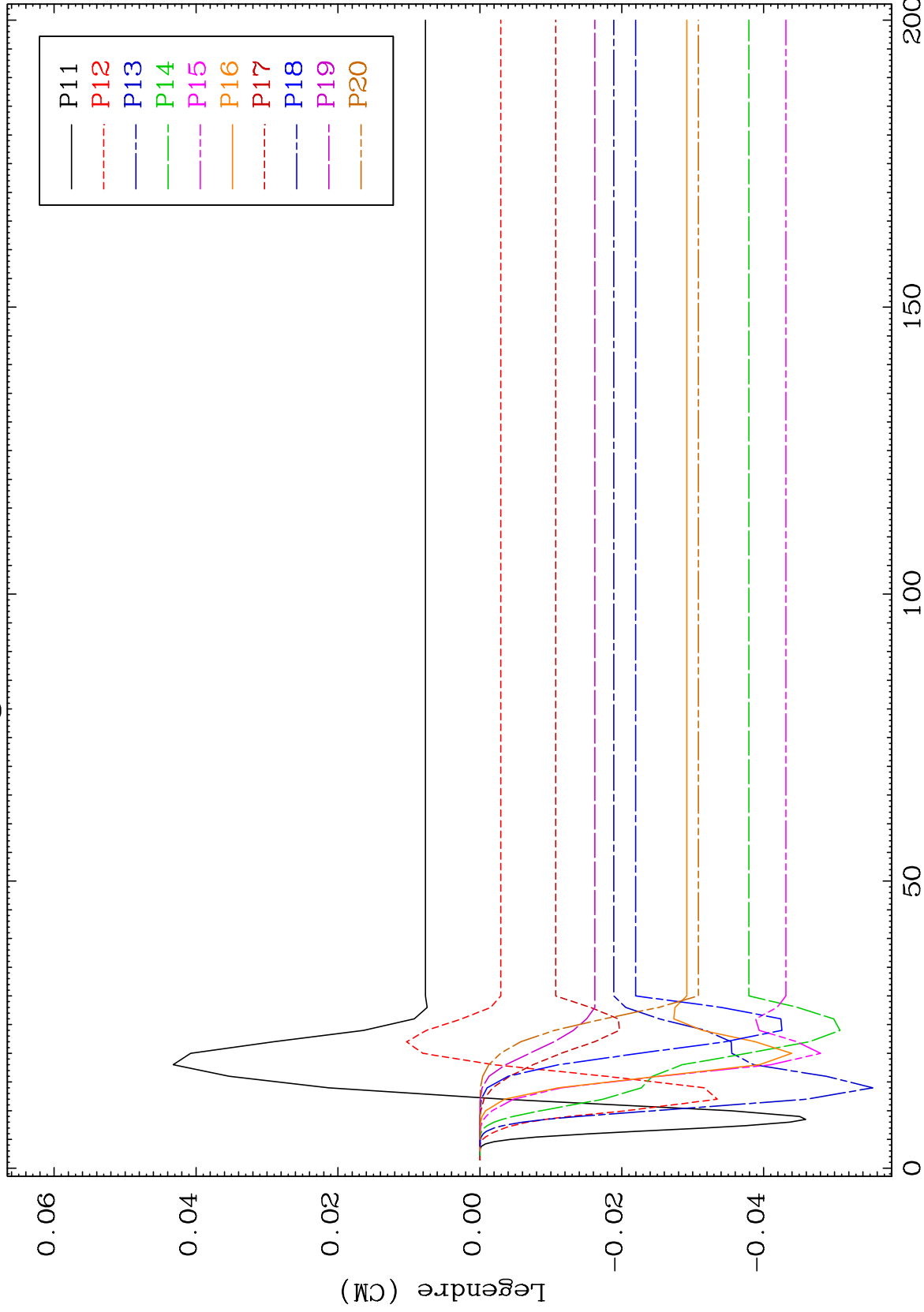
79-Au-183



MAT 7883

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

79-Au-183



64

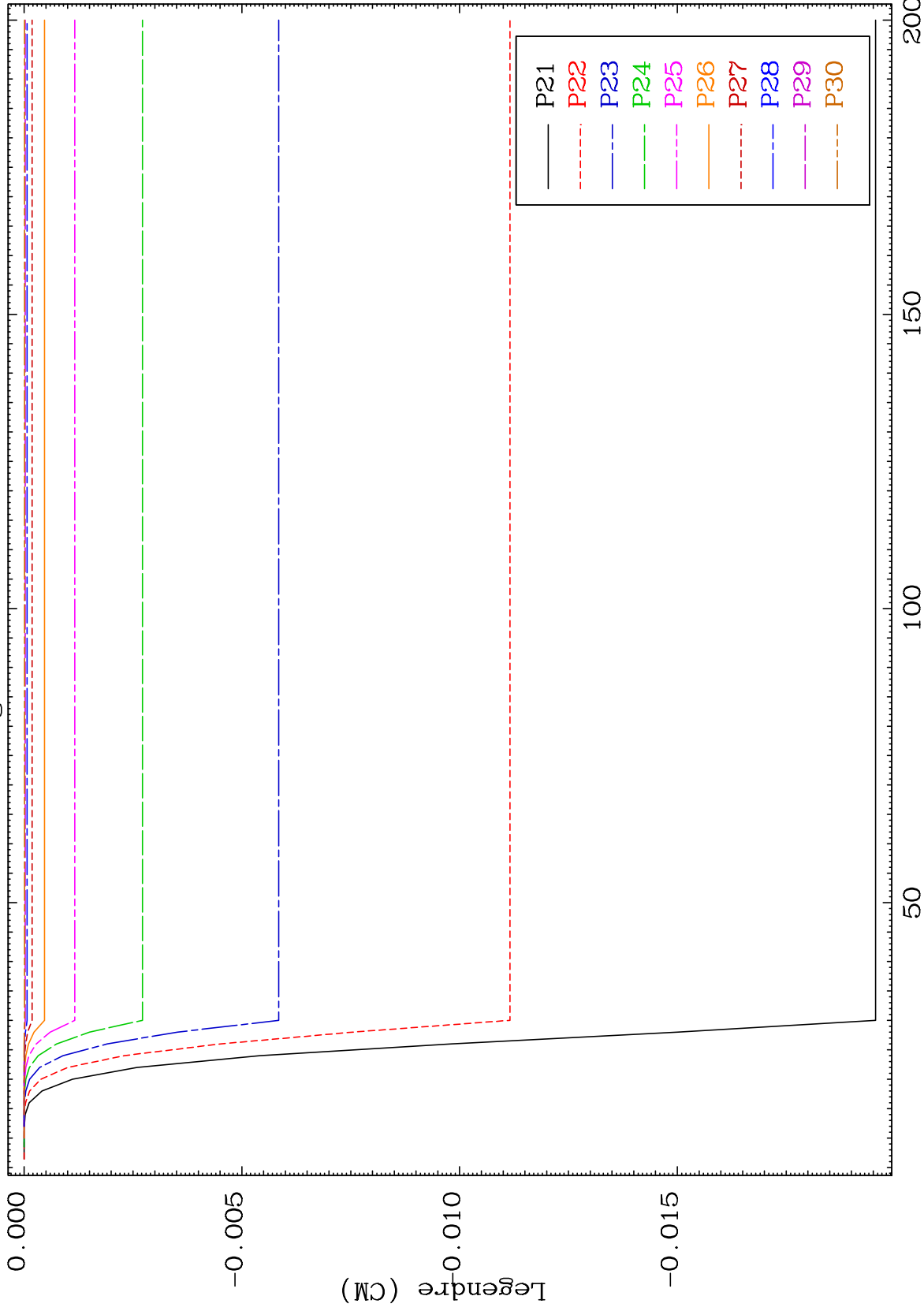
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



79-Au-183

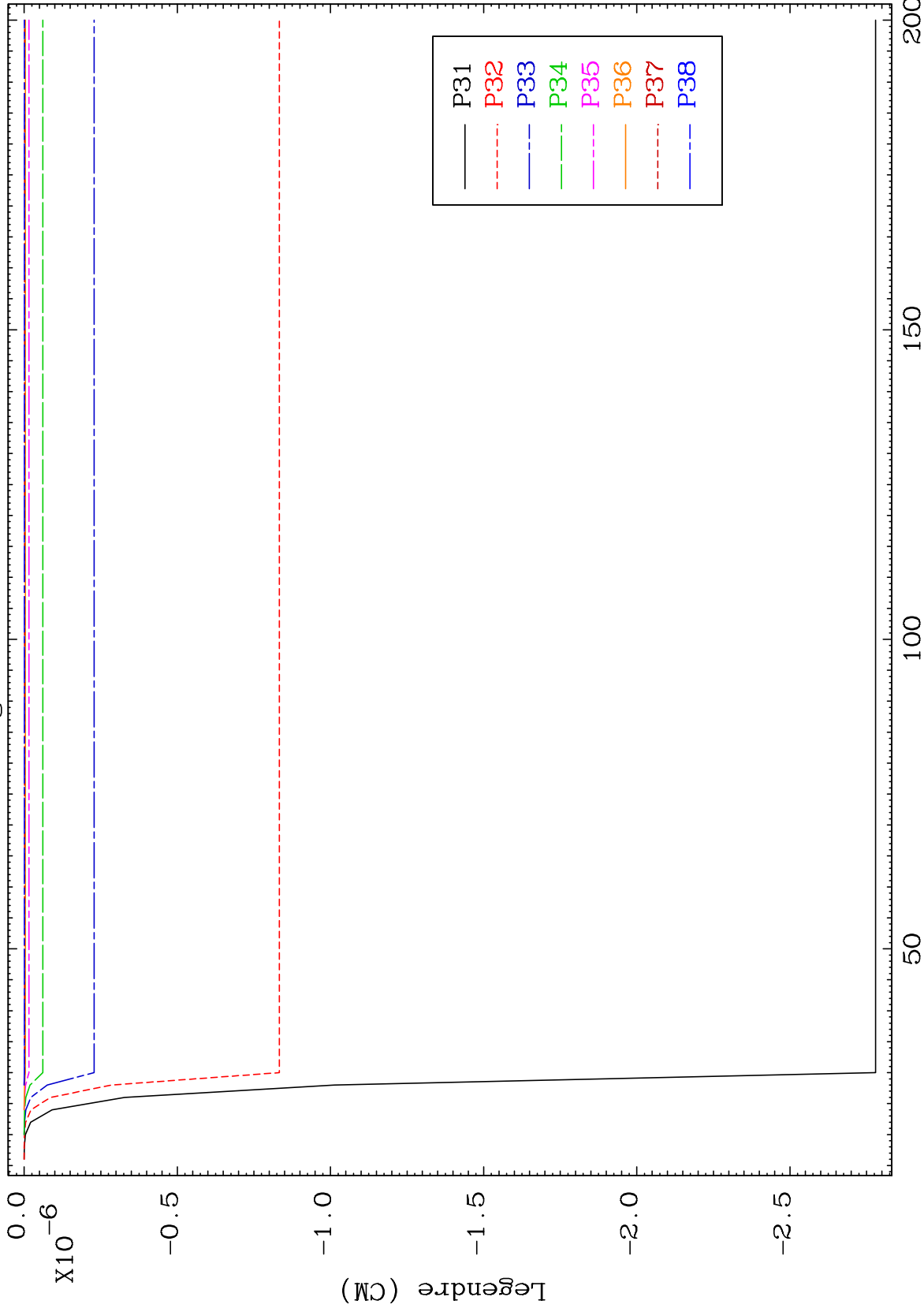
Incident Energy (MeV)

65

MAT 7883

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

79-Au-183



66

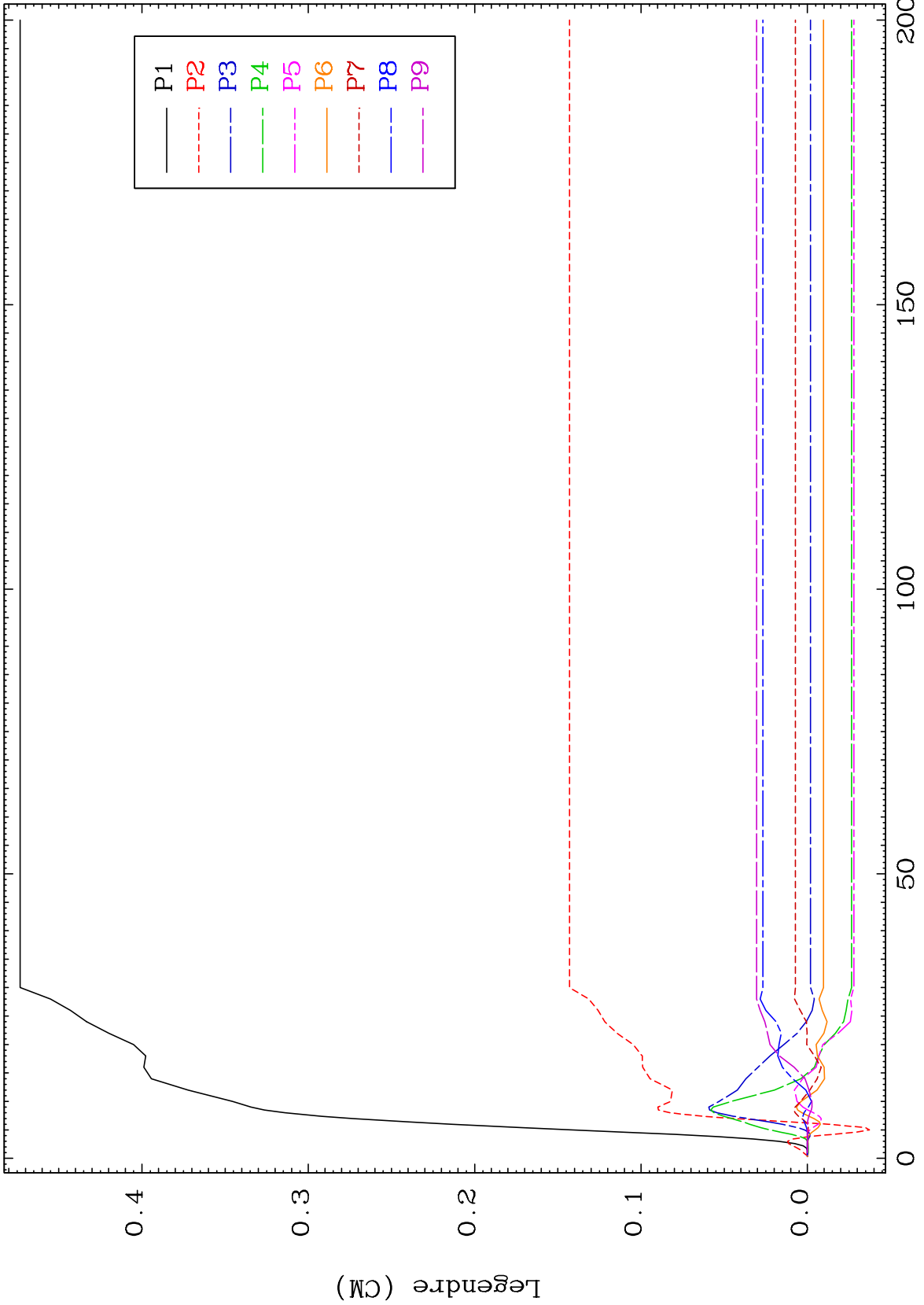
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



67

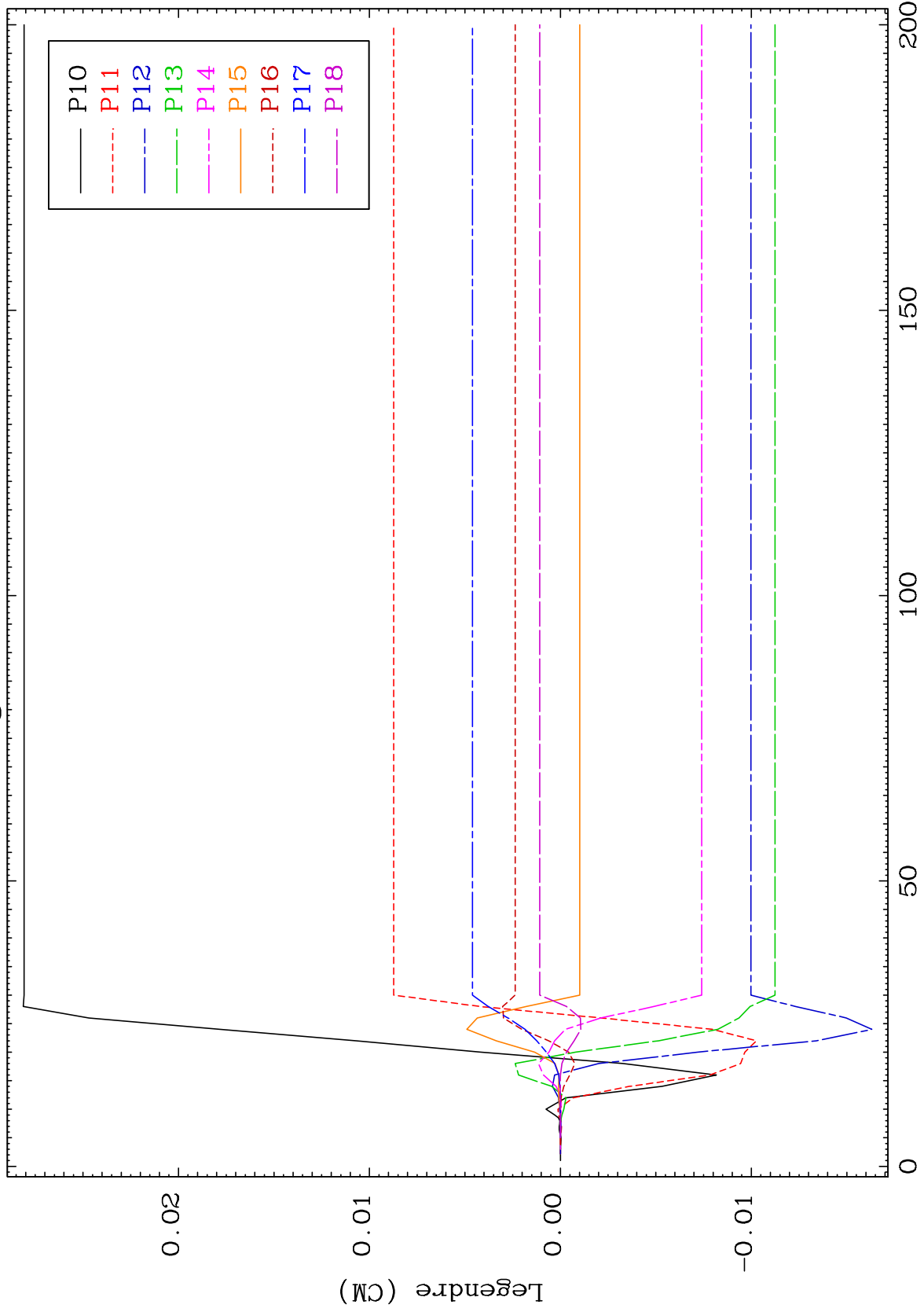
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



68

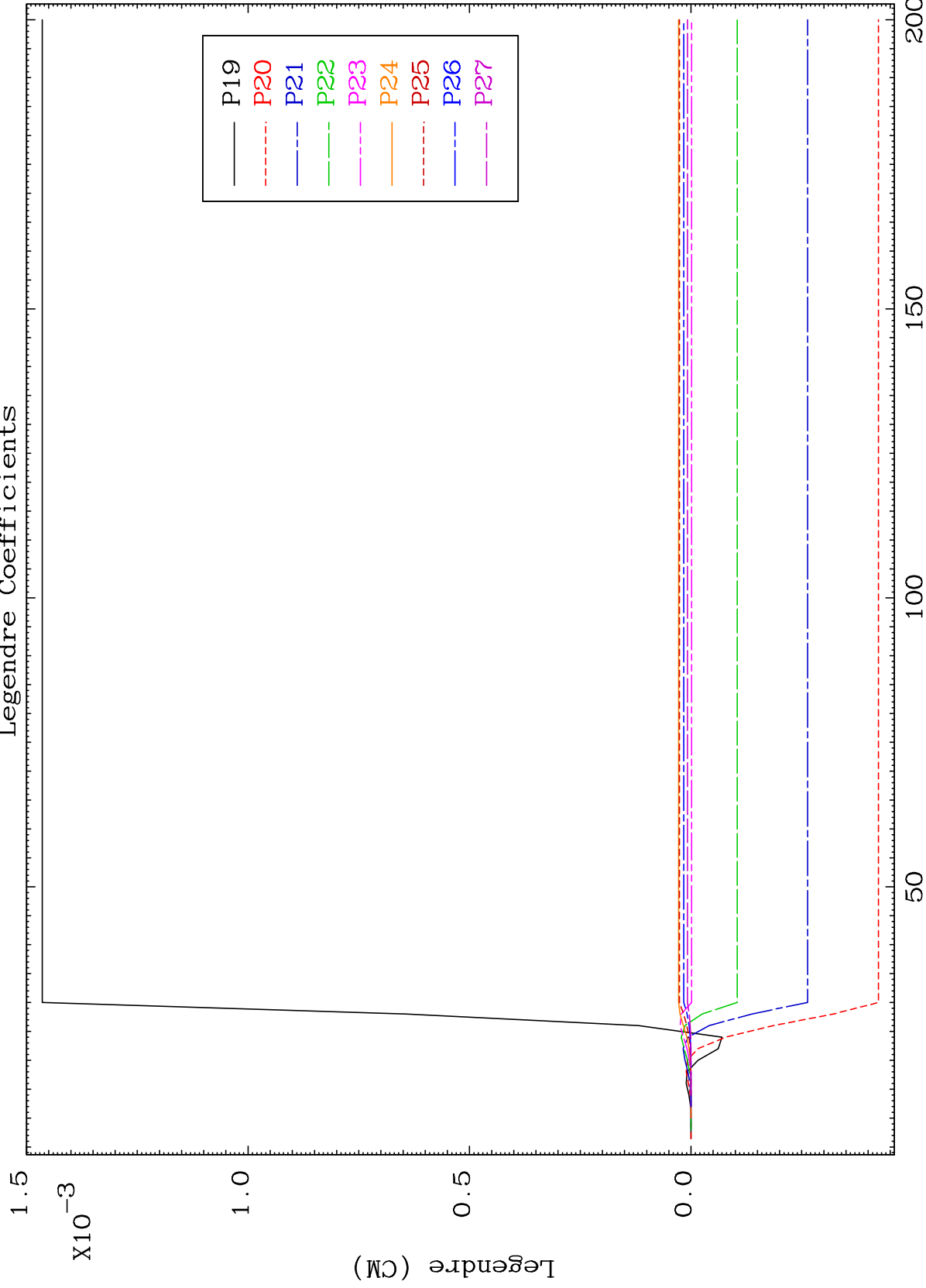
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



69

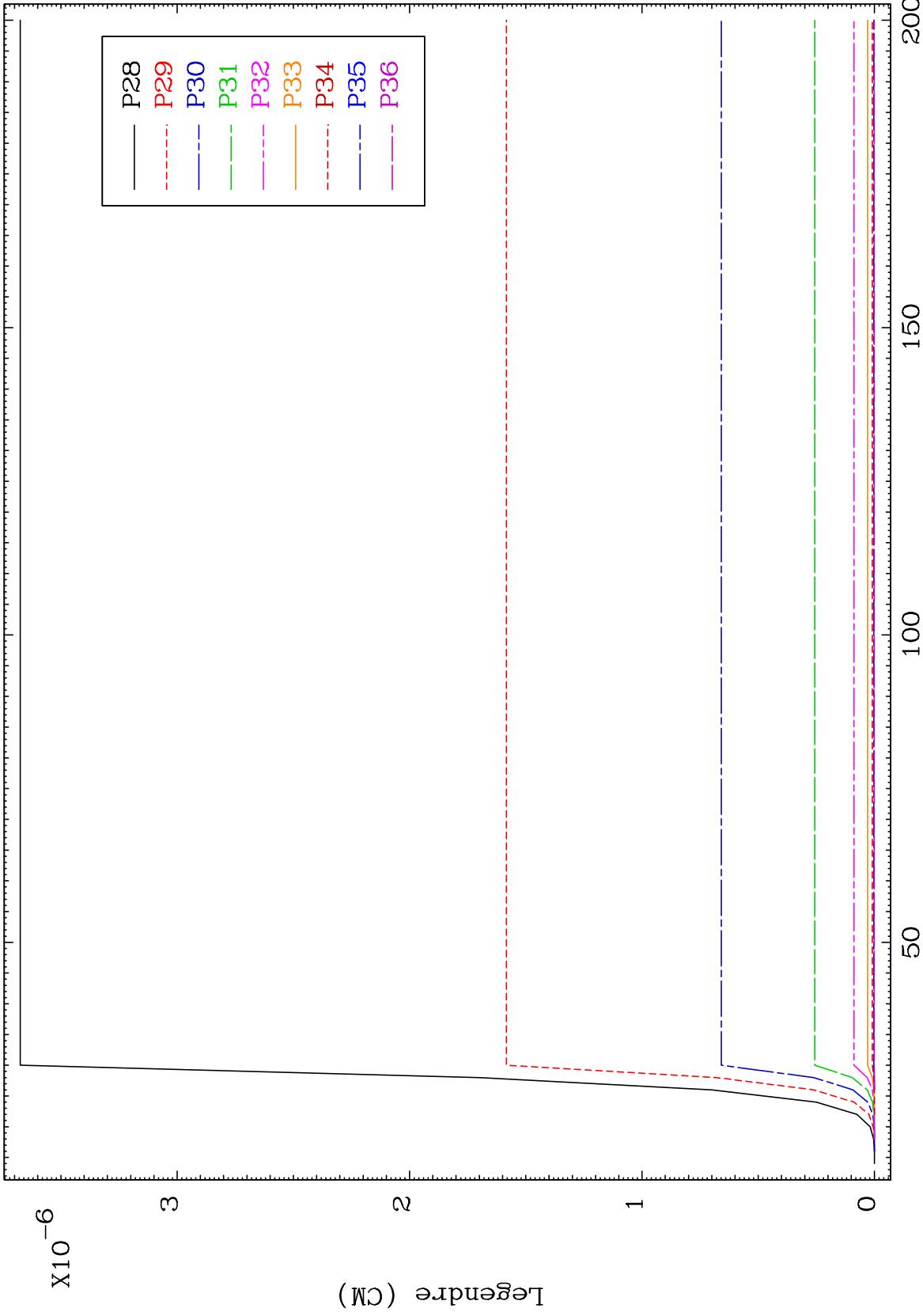
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



70

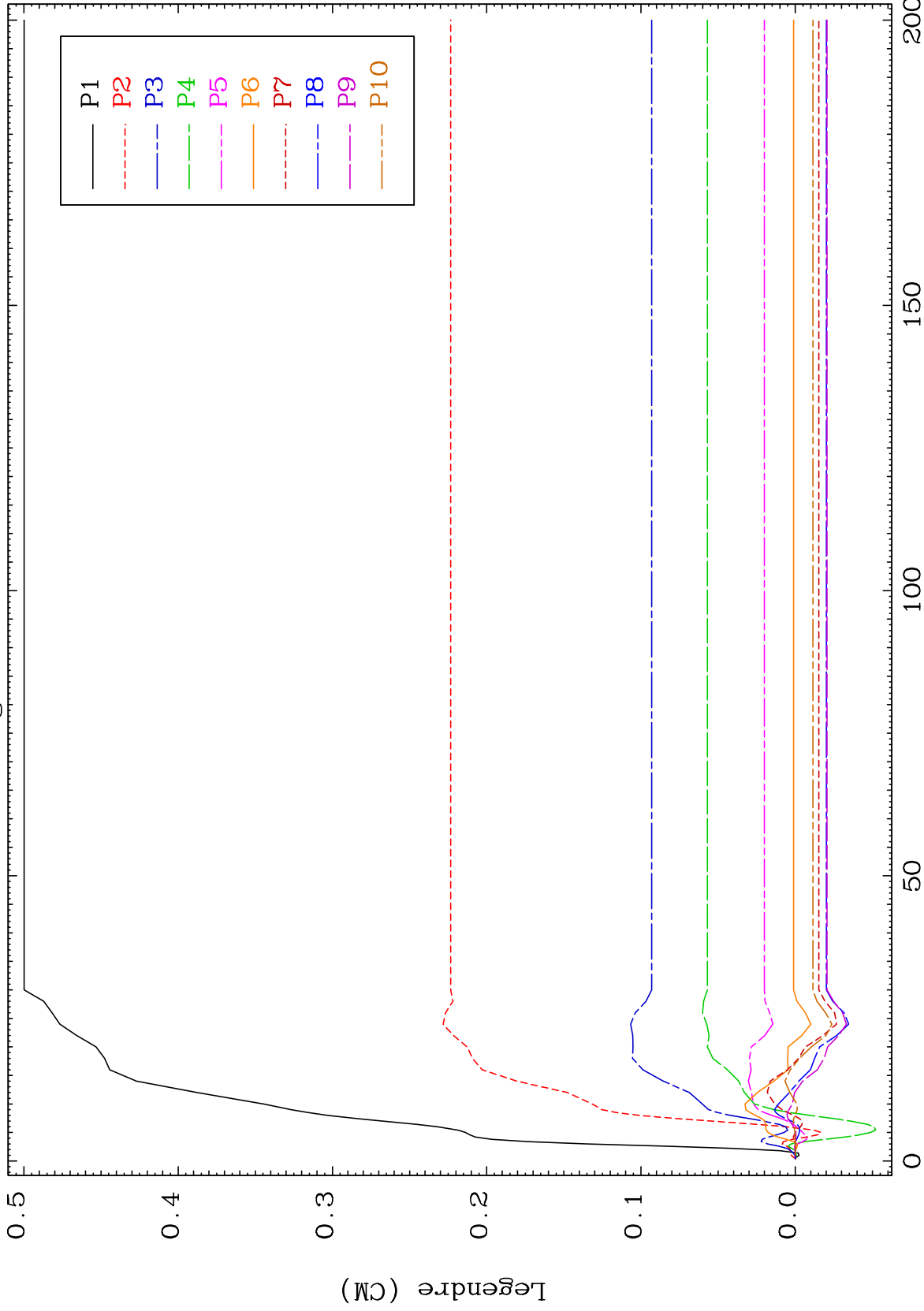
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



71

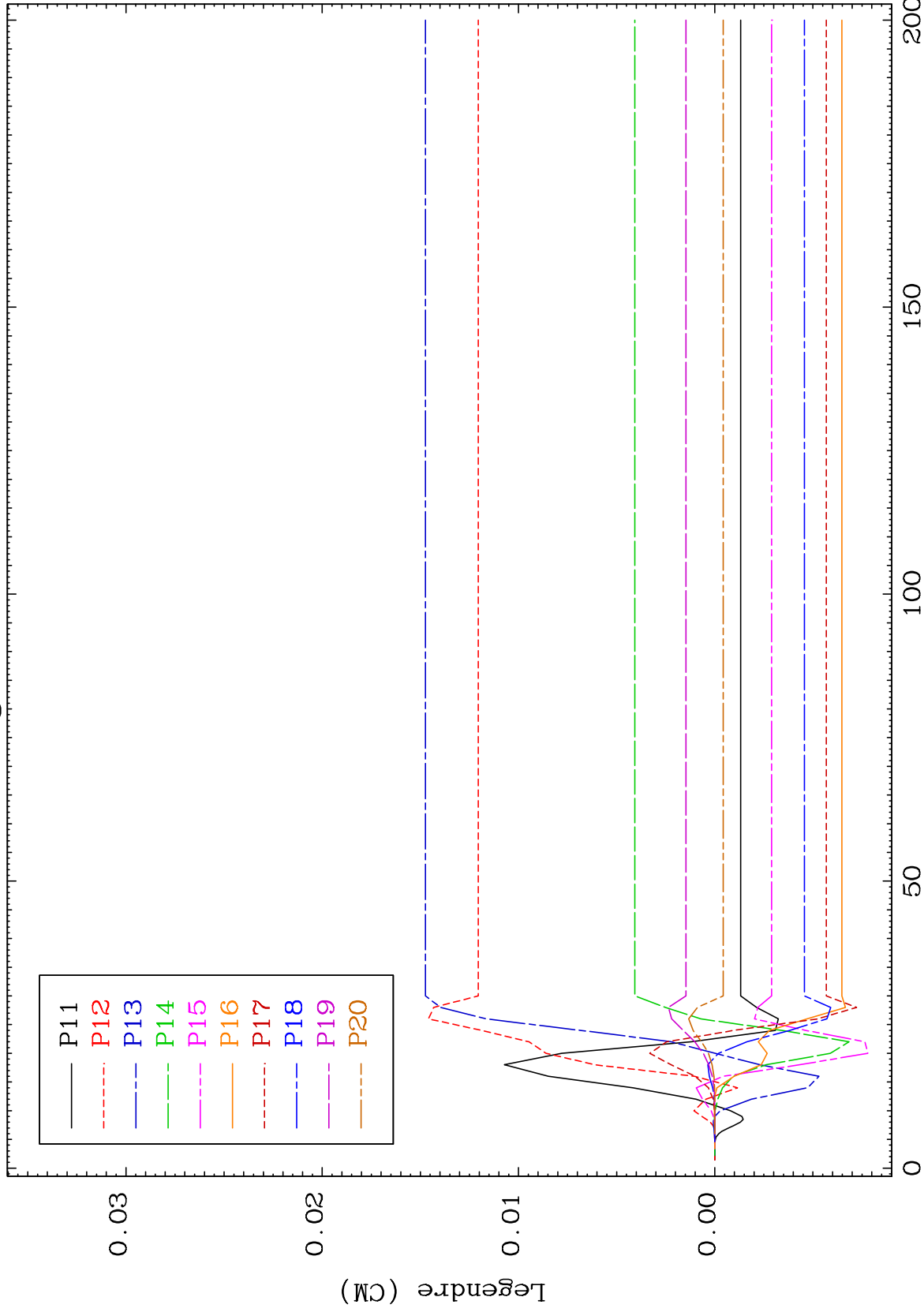
79-Au-183



MAT 7883

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

79-Au-183



72

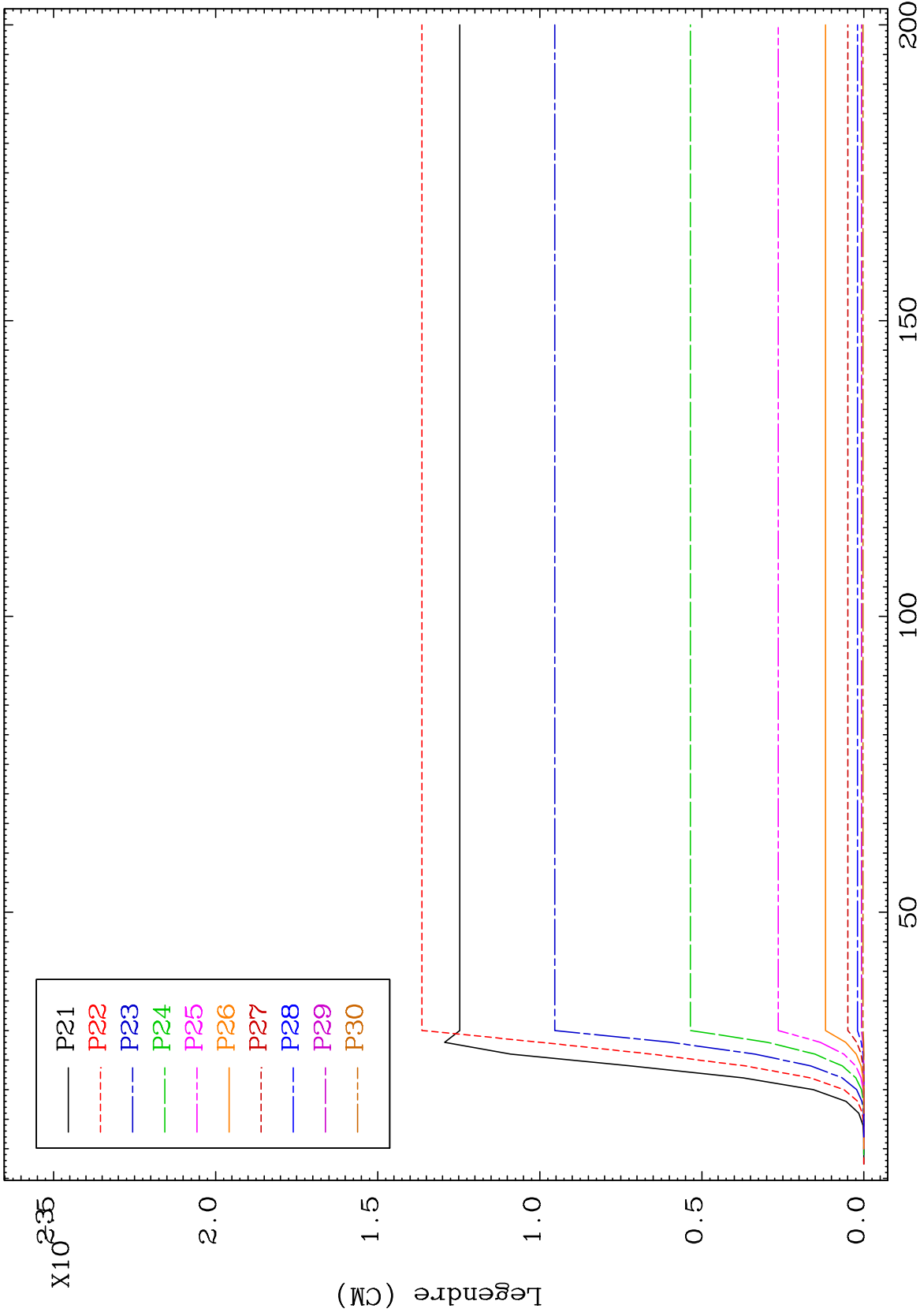
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



73

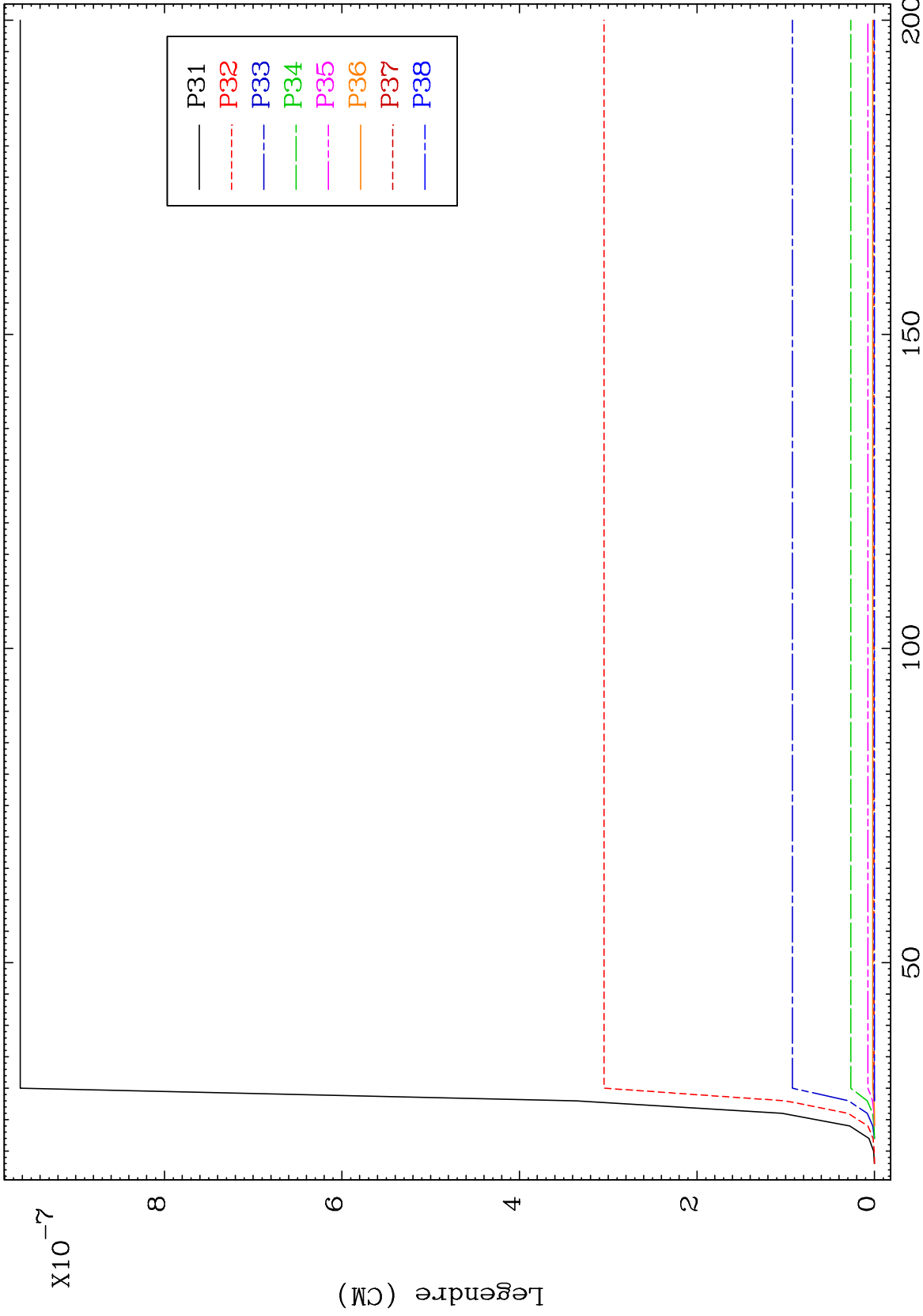
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



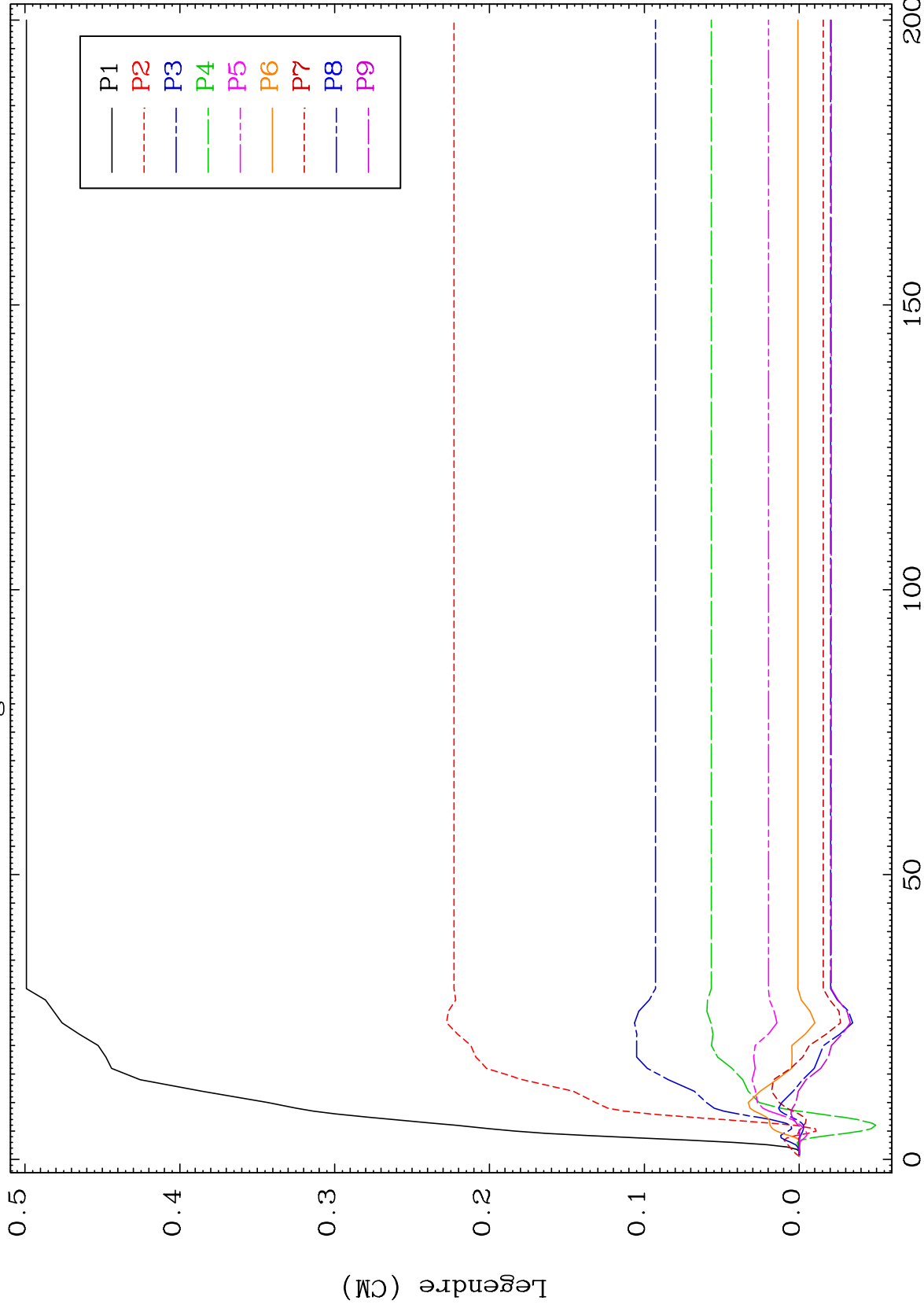
74

79-Au-183

MAT 7883

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

79-Au-183



75

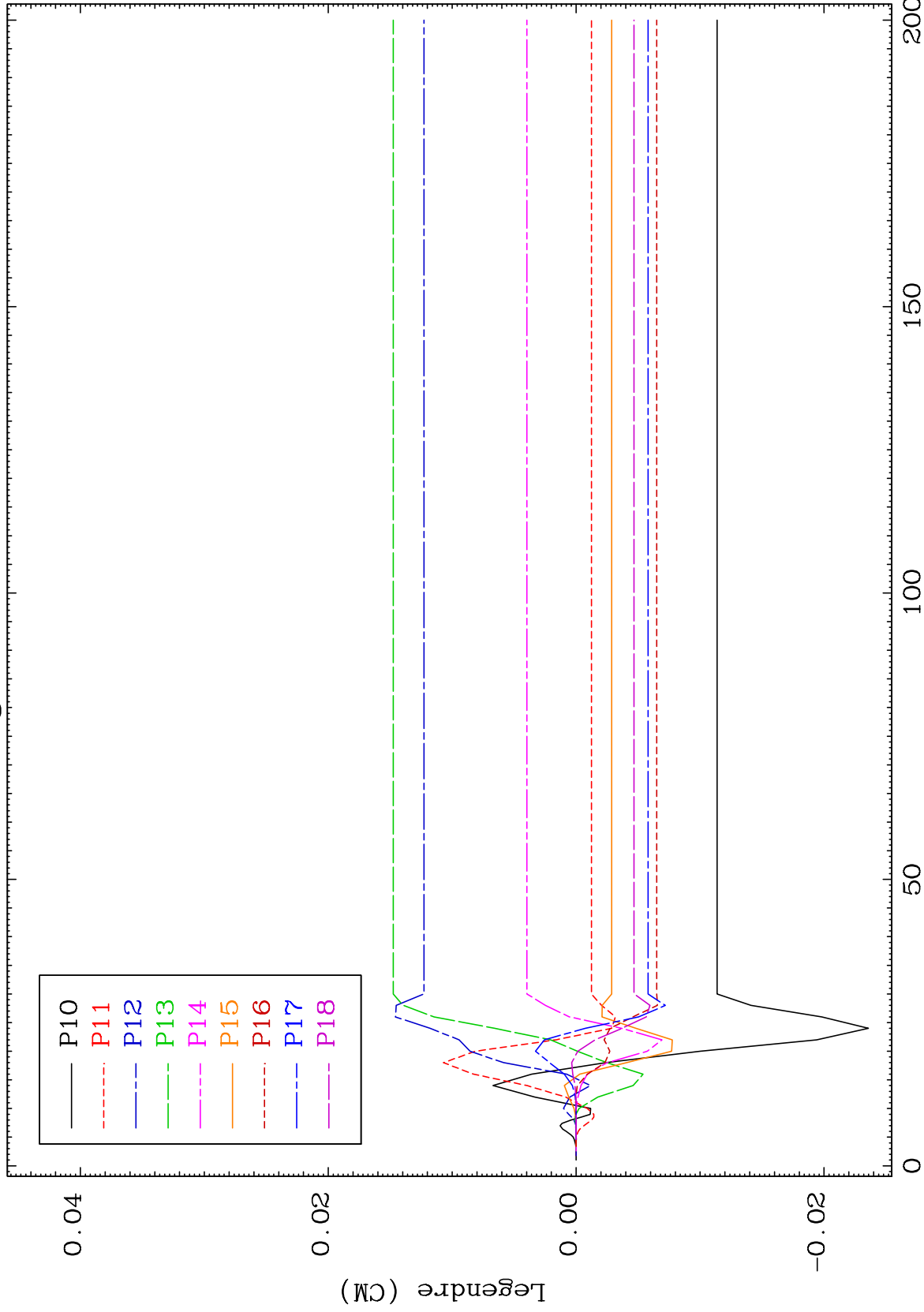
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



76

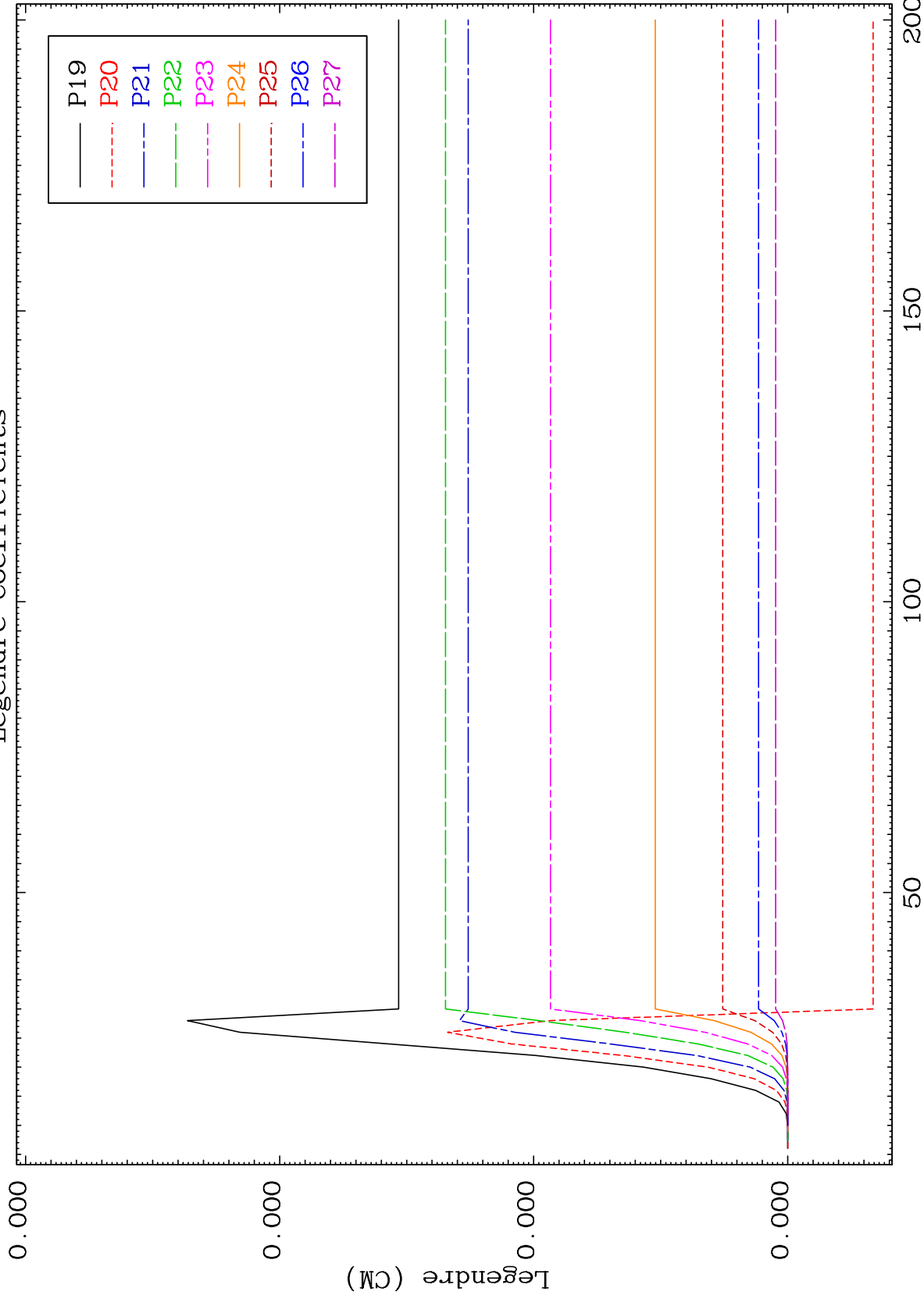
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



77

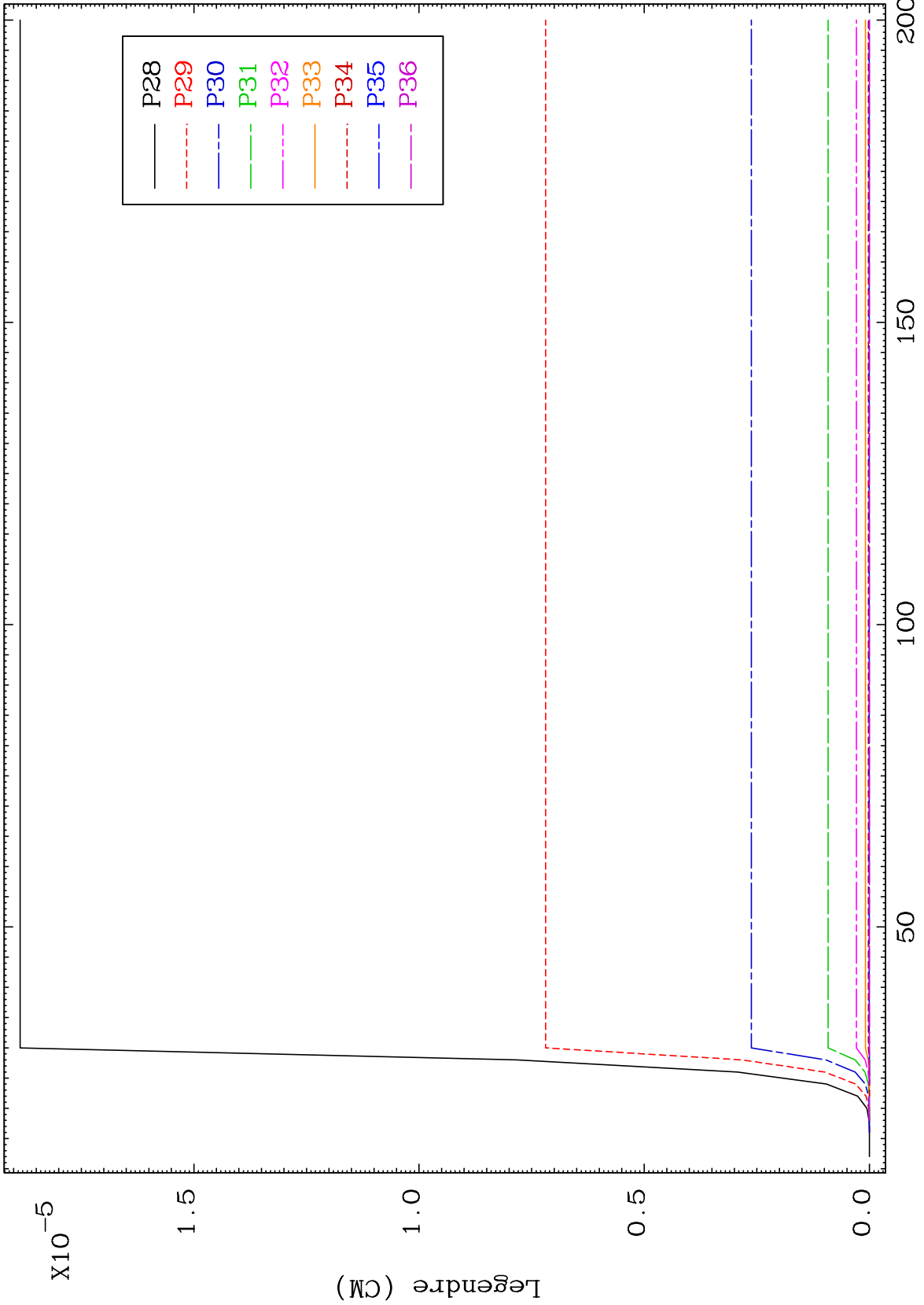
Incident Energy (MeV)

79-Au-183

MAT 7883

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

79-Au-183



78

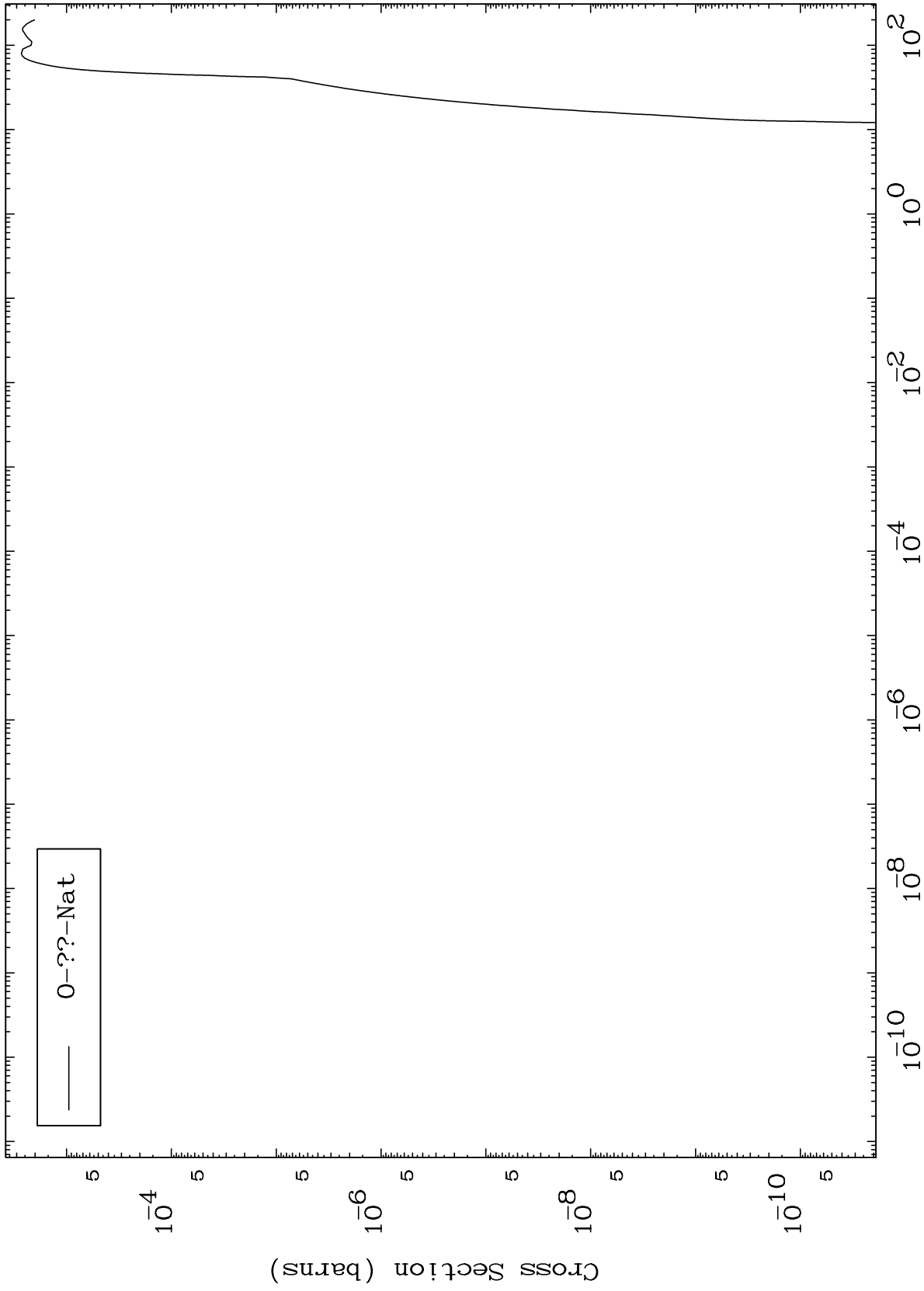
Incident Energy (MeV)

79-Au-183

MAT 7883

Fission  
Radionuclide Production Cross Section

<sup>79</sup>Au-183



<sup>79</sup>

Incident Energy (MeV)

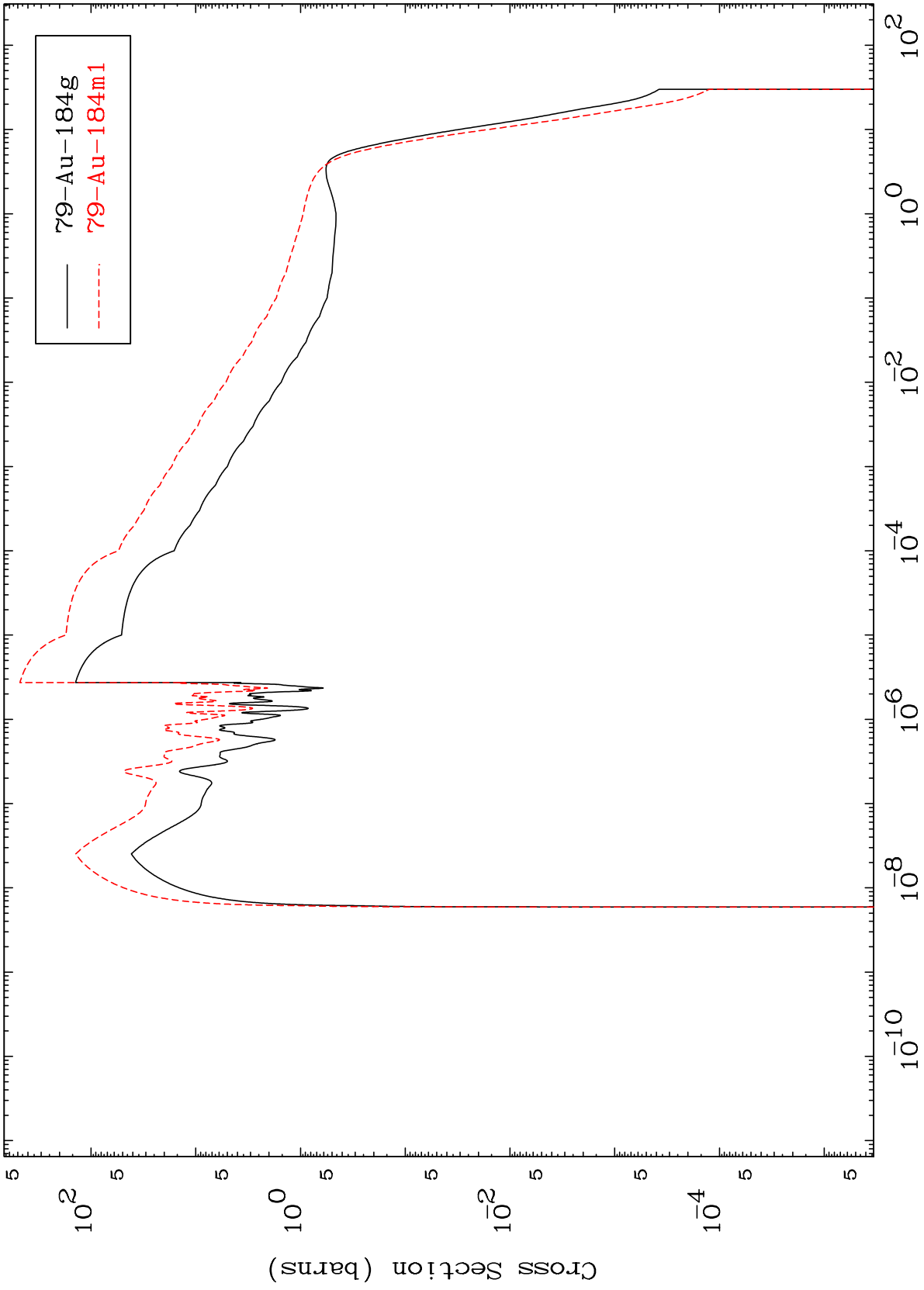
<sup>79</sup>Au-183



MAT 7883

<sup>79</sup>Au-183

(n,γ)  
Radionuclide Production Cross Section



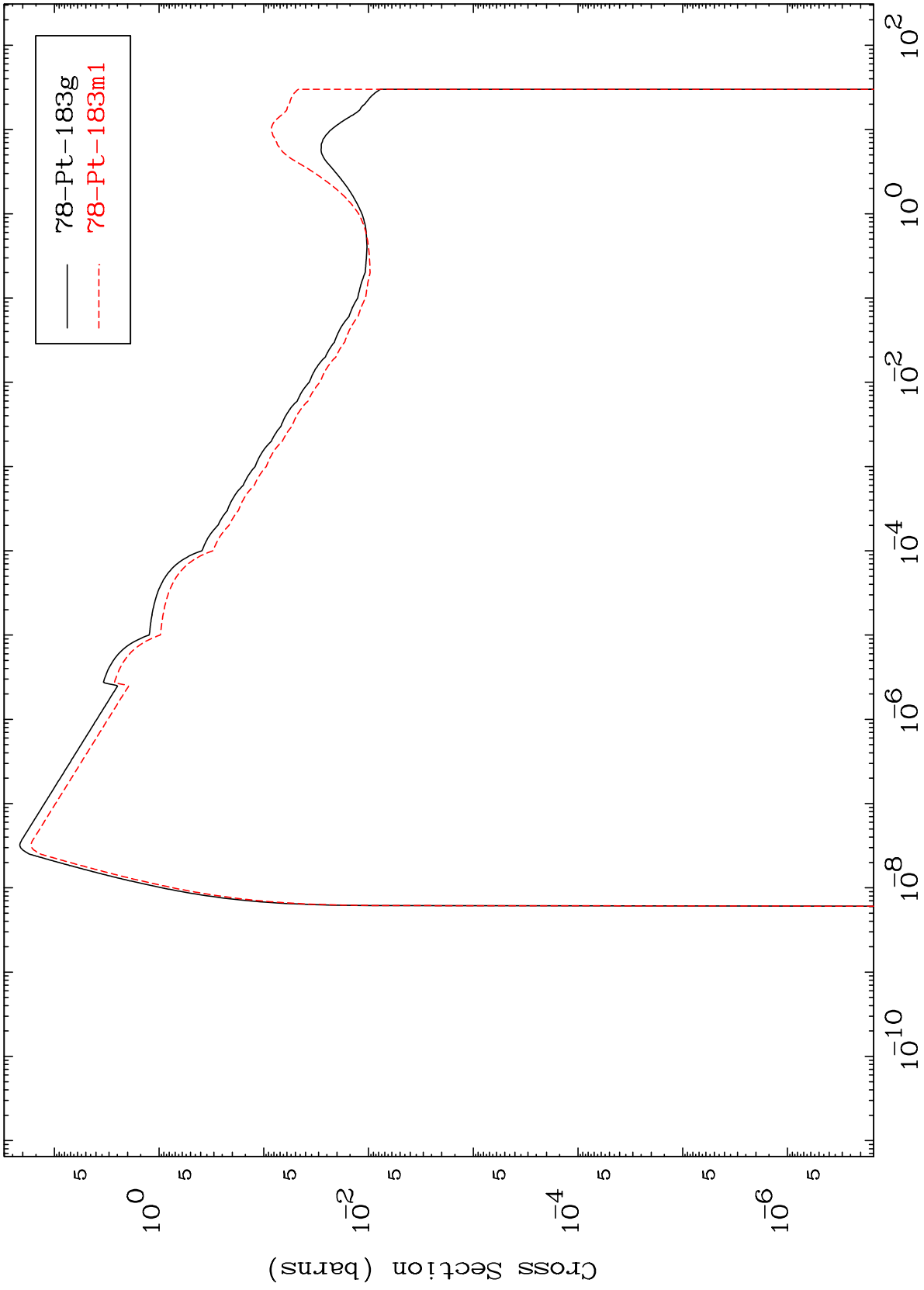
80

<sup>79</sup>Au-183

MAT 7883

<sup>79</sup>Au-183

(n,p)  
Radionuclide Production Cross Section



81

<sup>79</sup>Au-183