

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

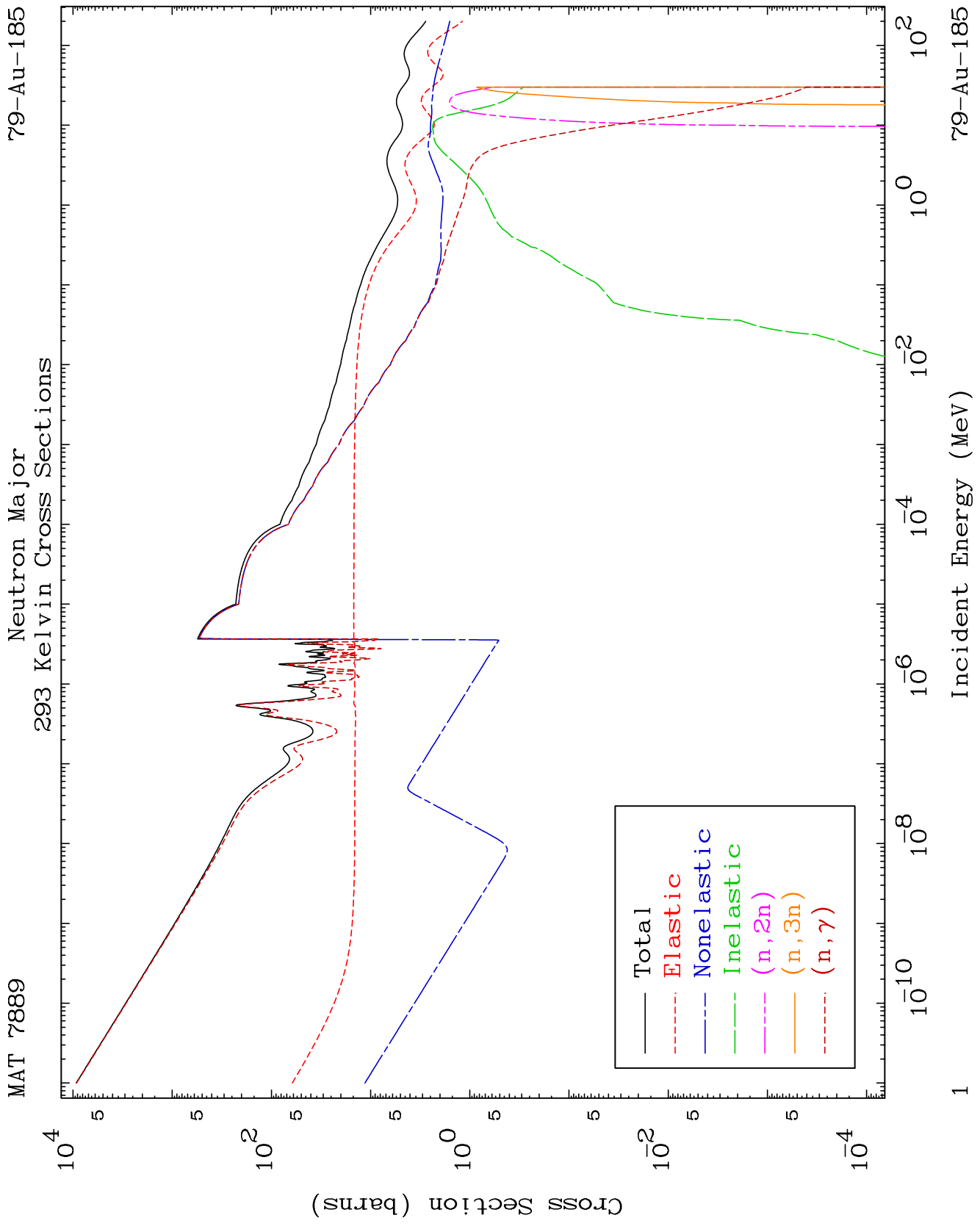
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

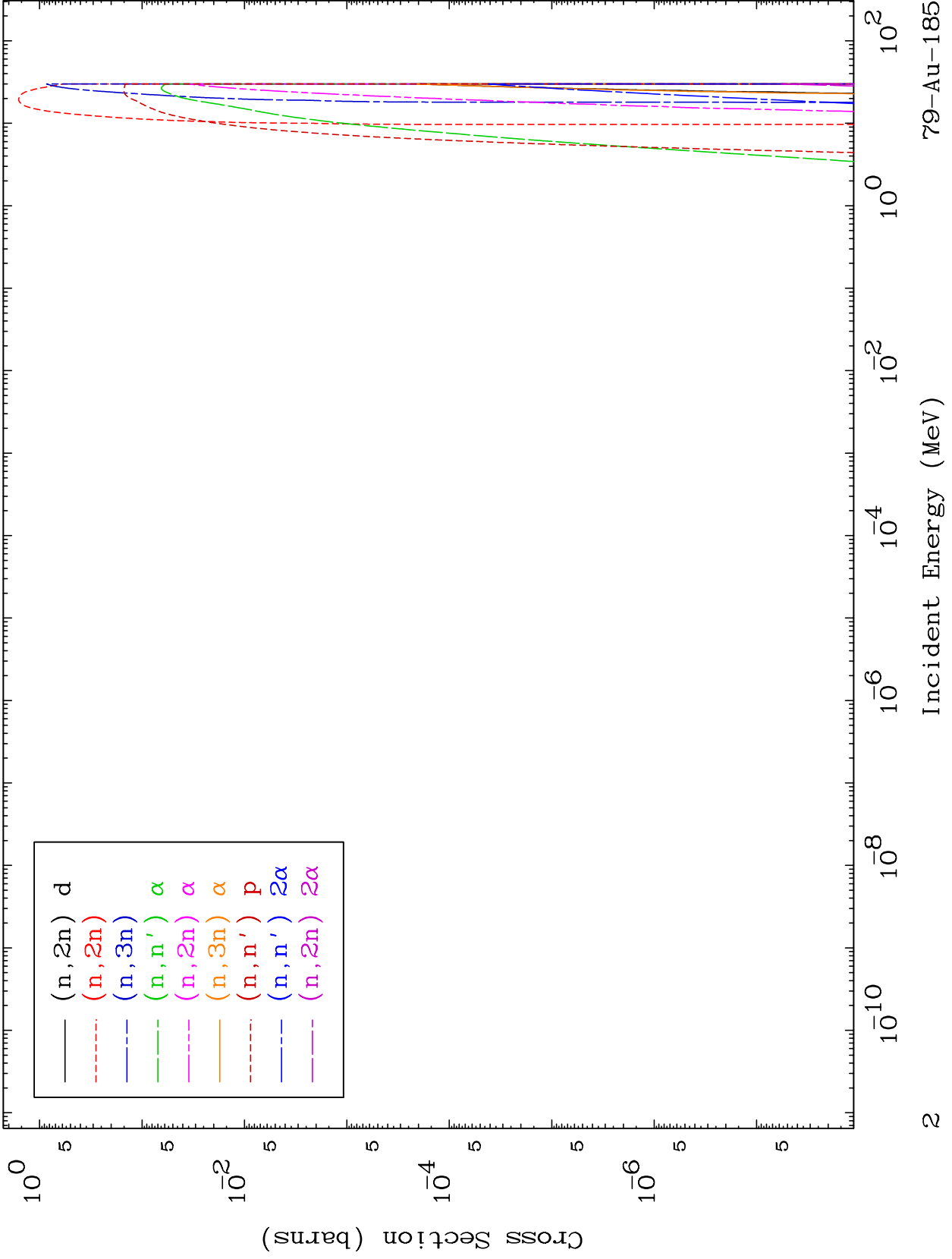
Press Mouse Button to Start



MAT 7889

Neutron Absorption
293 Kelvin Cross Sections

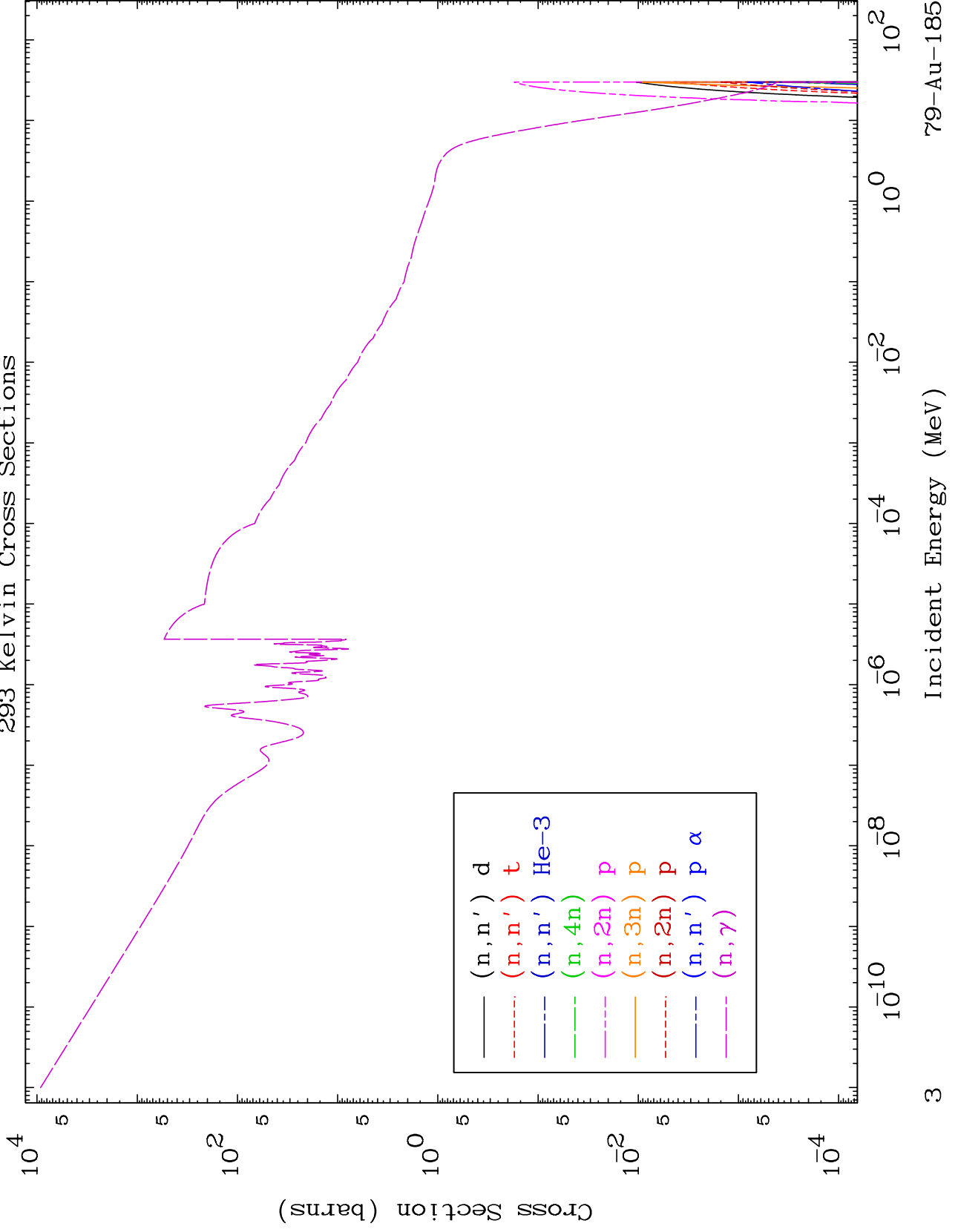
79-Au-185



MAT 7889

Neutron Absorption
293 Kelvin Cross Sections

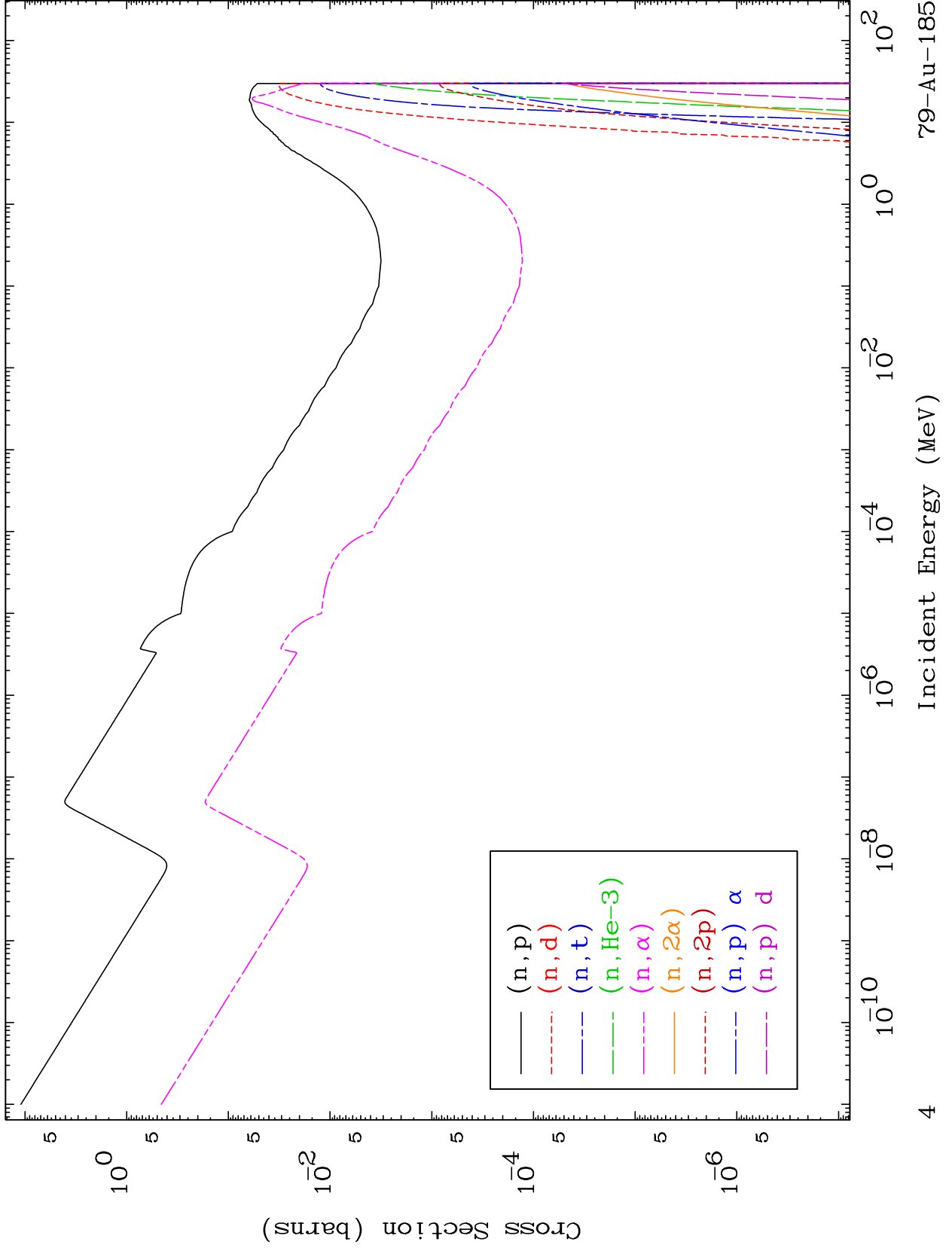
79-Au-185

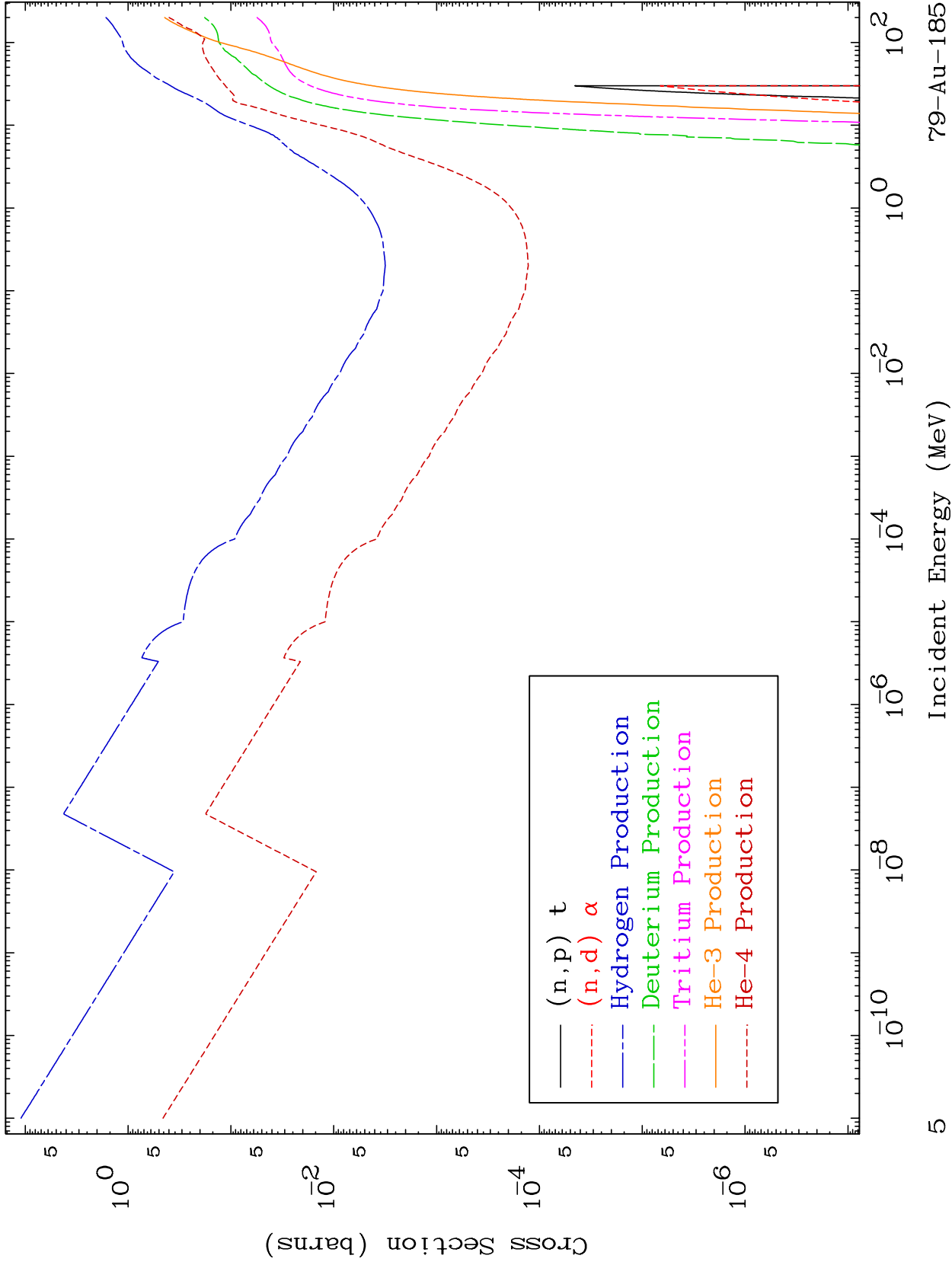


MAT 7889

Neutron Absorption
293 Kelvin Cross Sections

79-Au-185

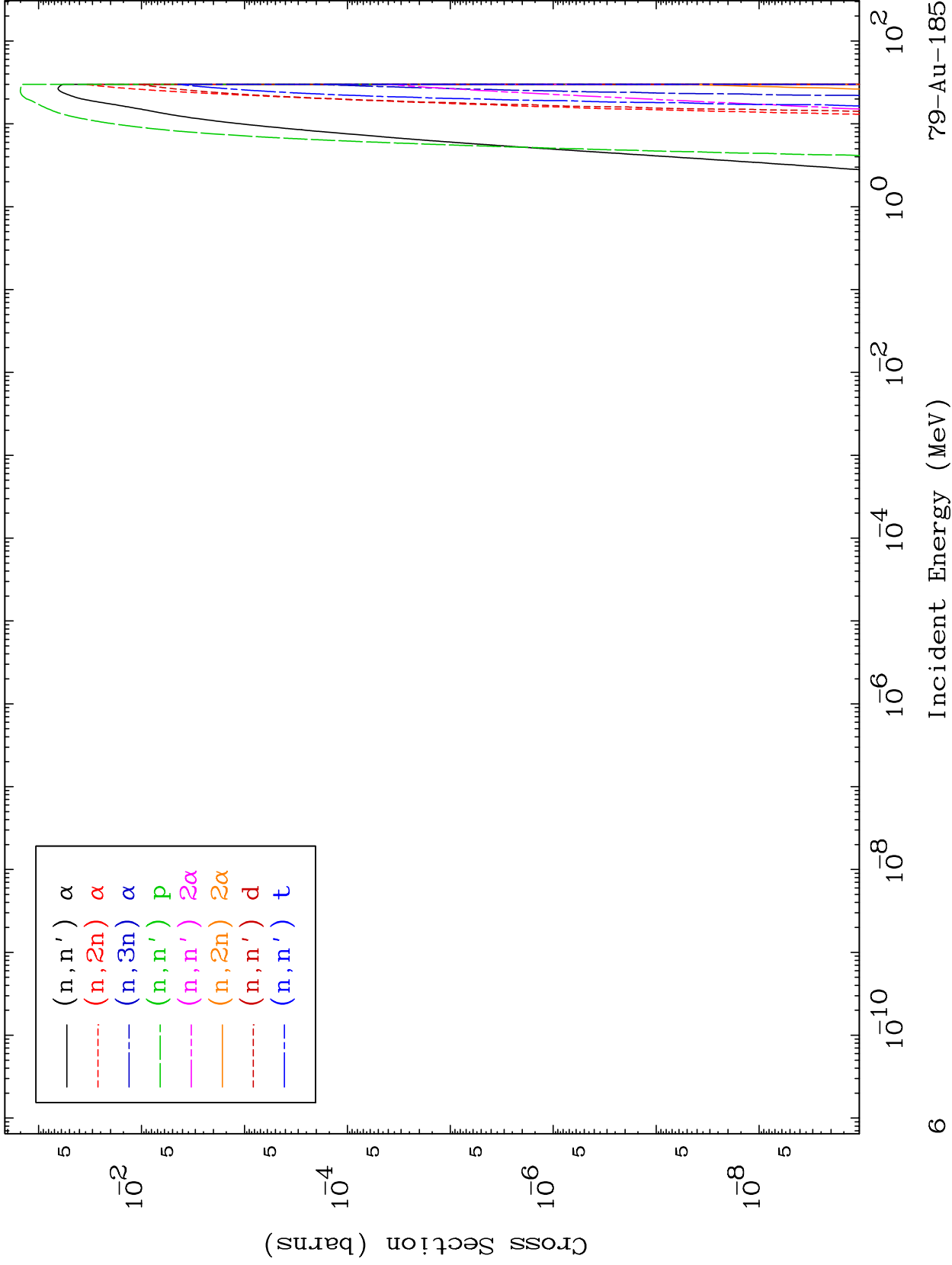




MAT 7889

Charged Particle
293 Kelvin Cross Sections

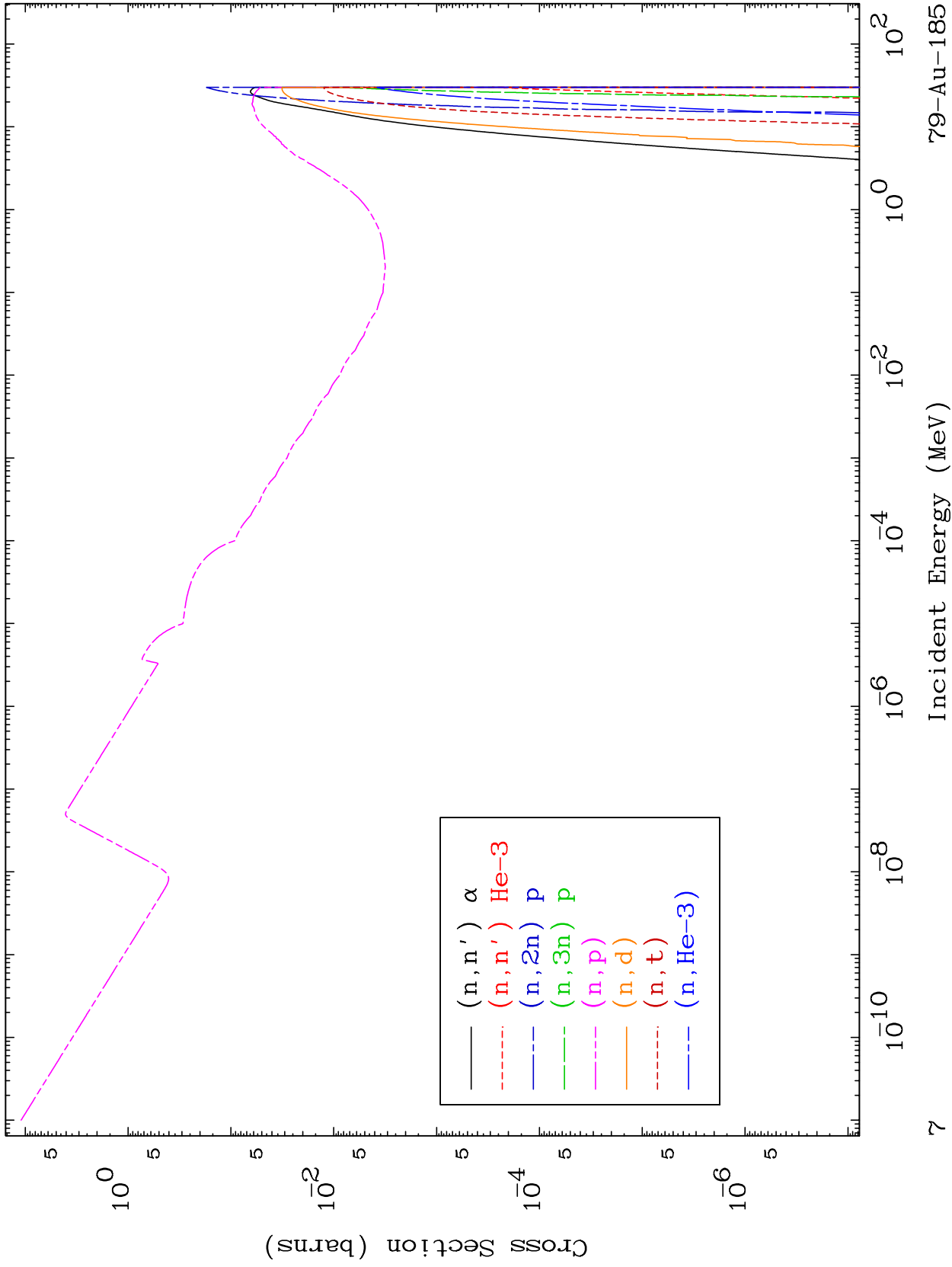
79-Au-185



MAT 7889

Charged Particle
293 Kelvin Cross Sections

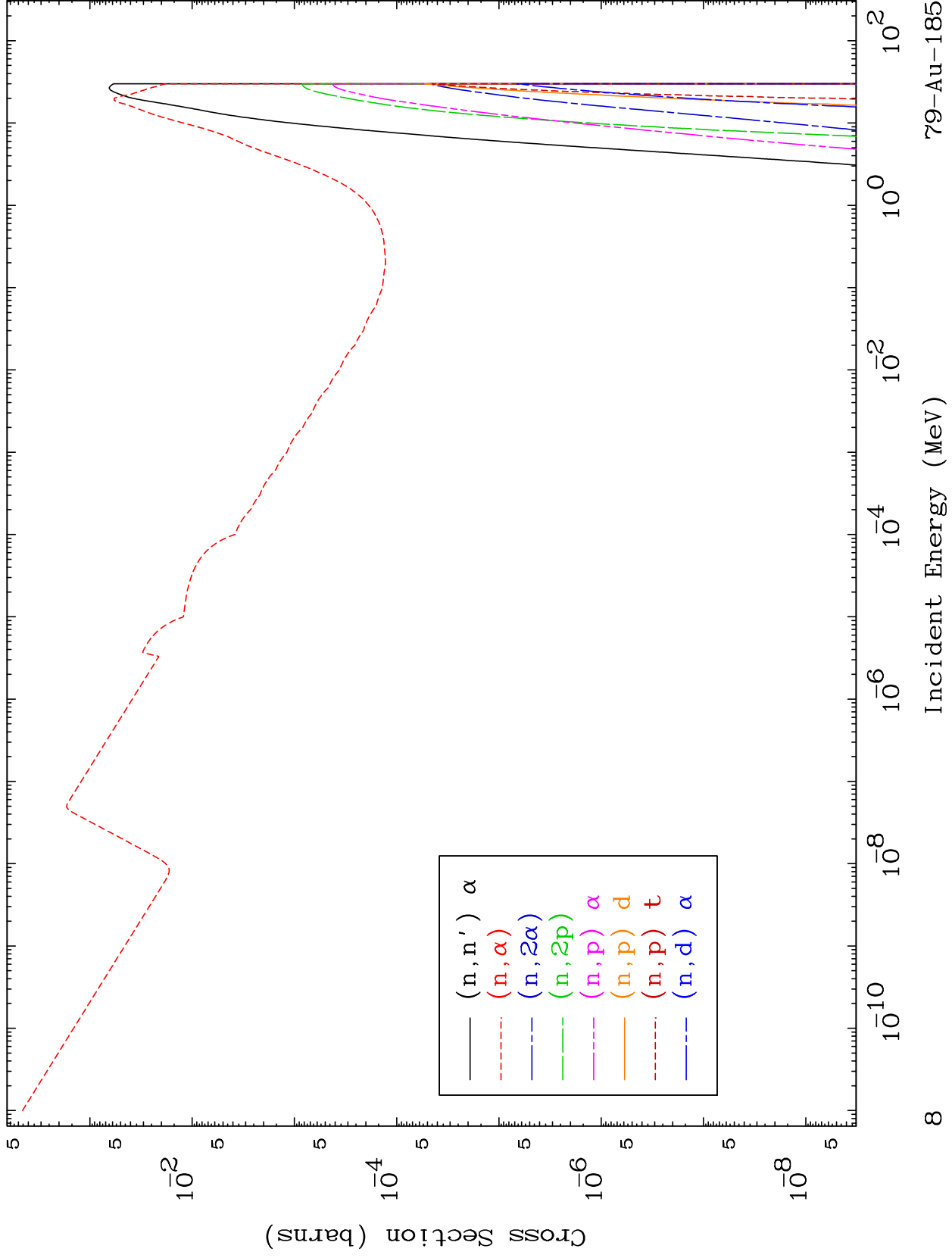
79-Au-185



MAT 7889

Charged Particle
293 Kelvin Cross Sections

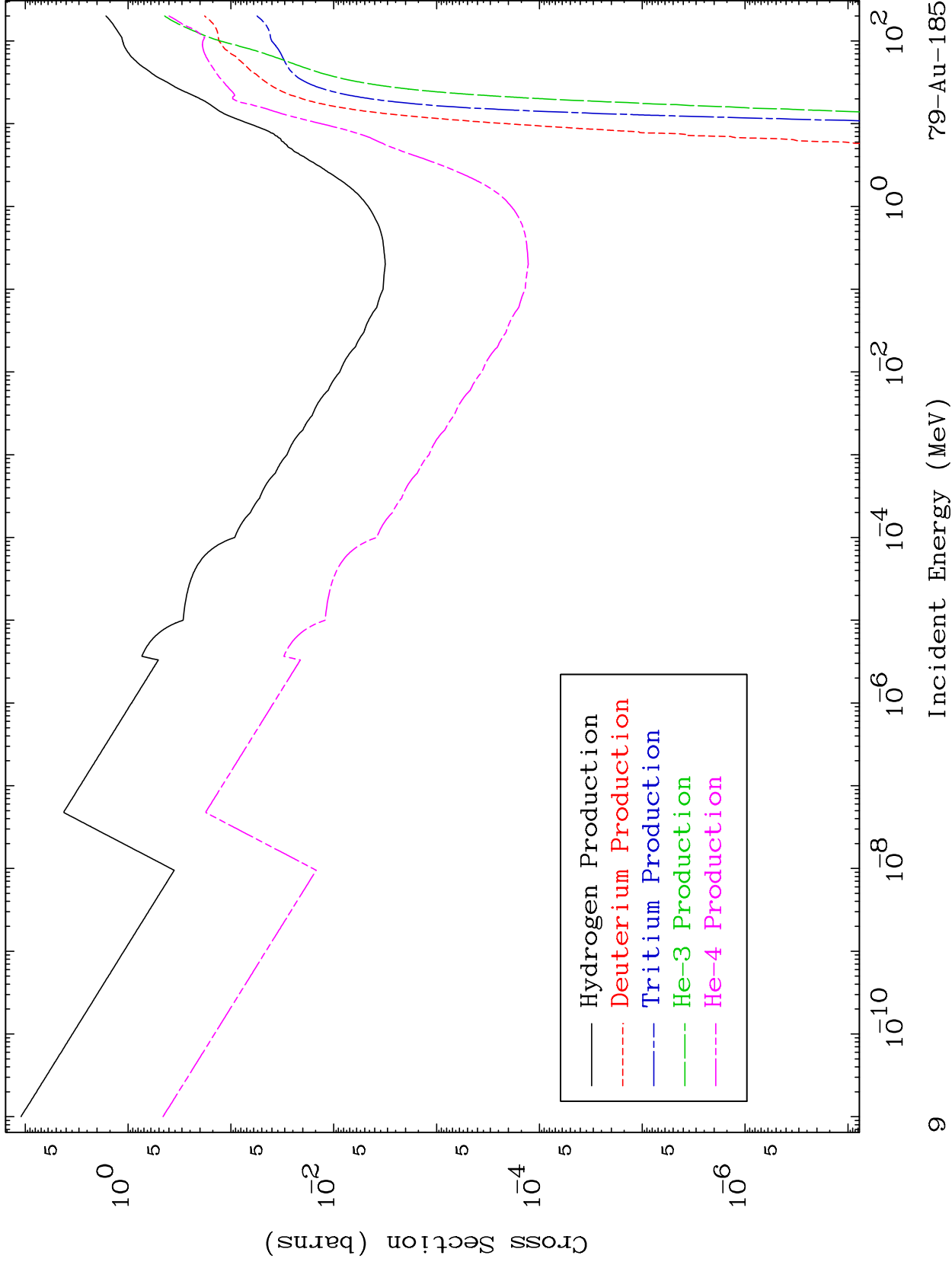
79-Au-185



MAT 7889

Particle Production
293 Kelvin Cross Sections

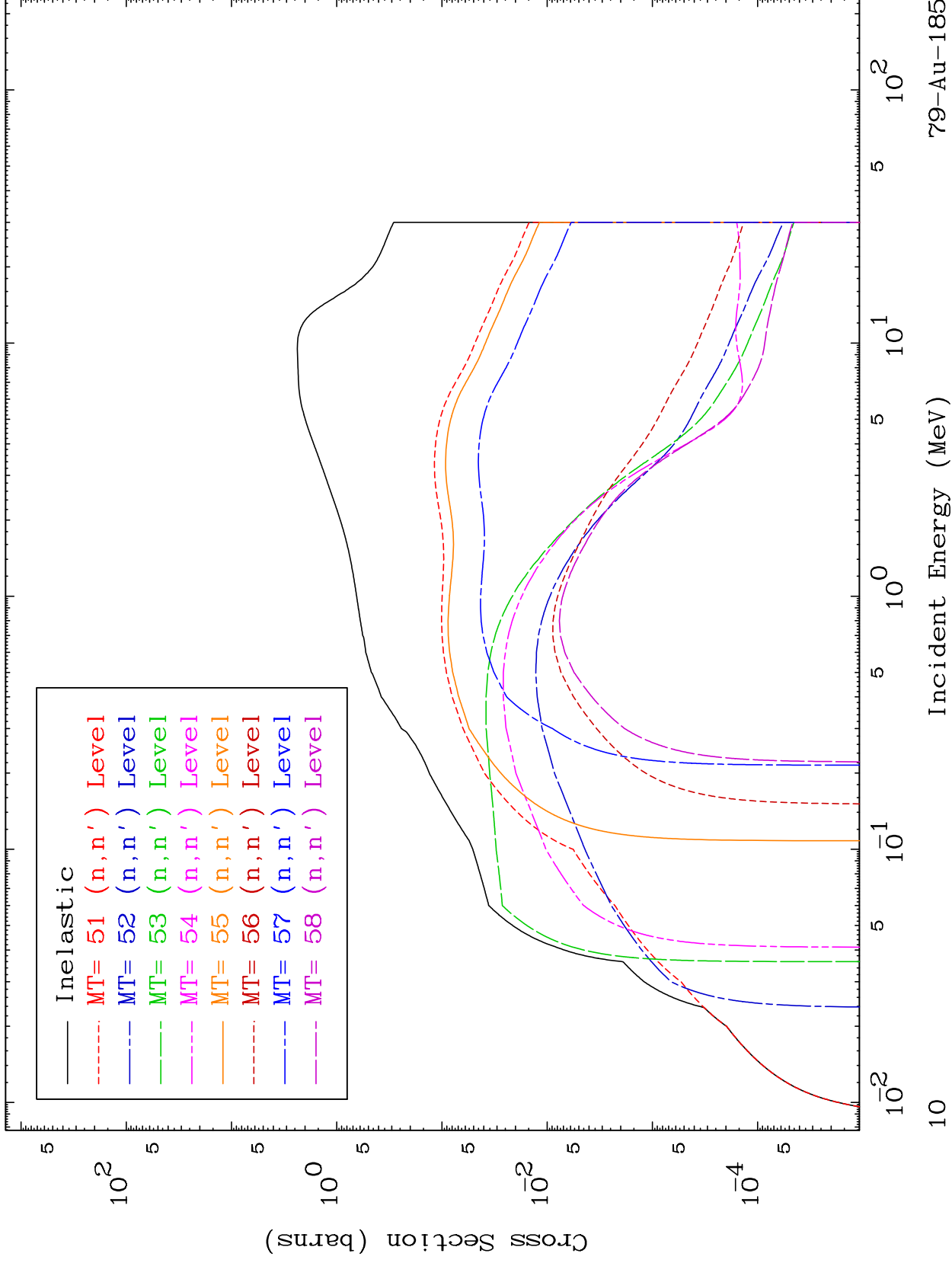
79-Au-185



MAT 7889

(n,n') Levels
293 Kelvin Cross Sections

79-Au-185

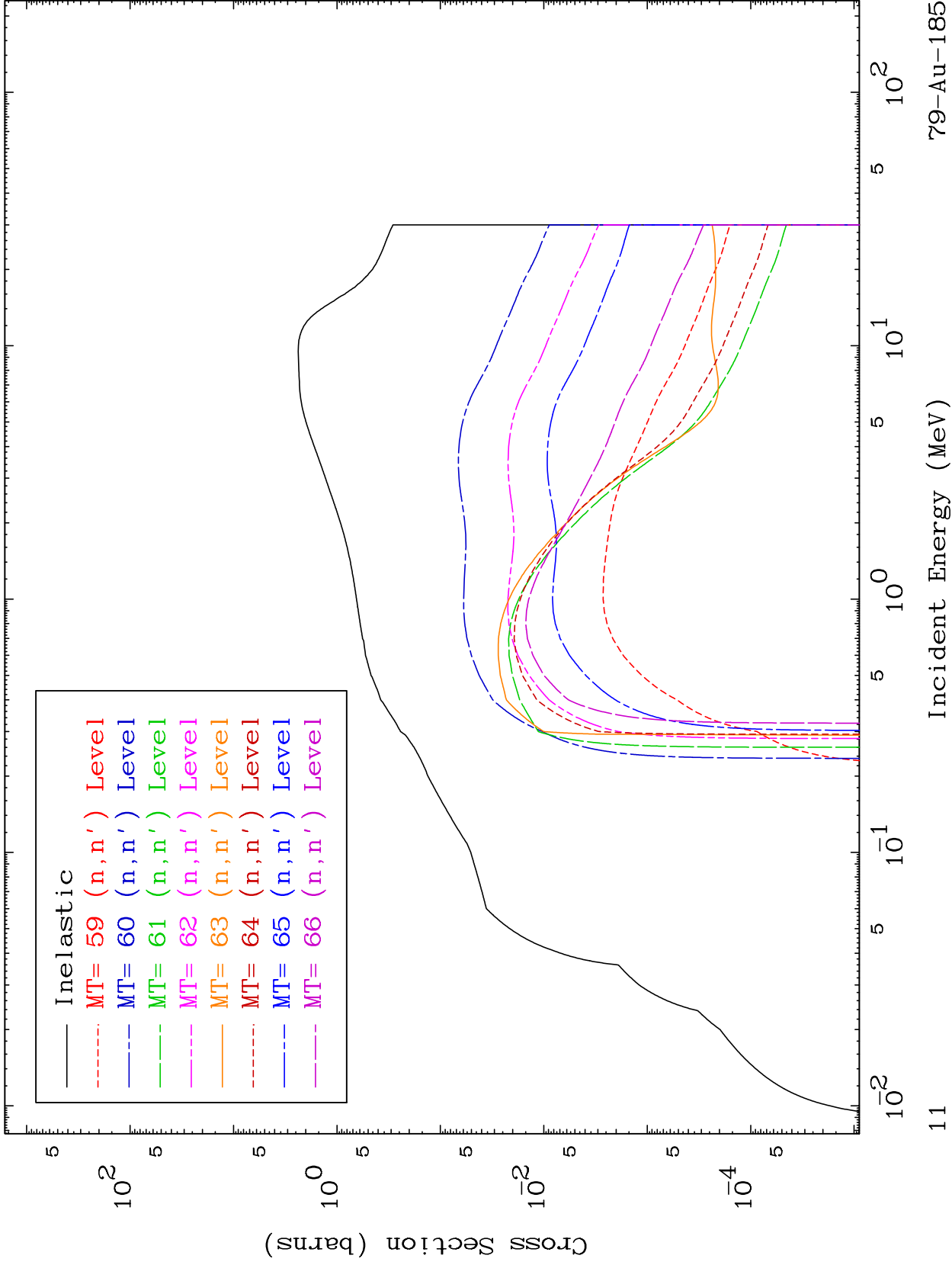


79-Au-185

MAT 7889

(n,n') Levels
293 Kelvin Cross Sections

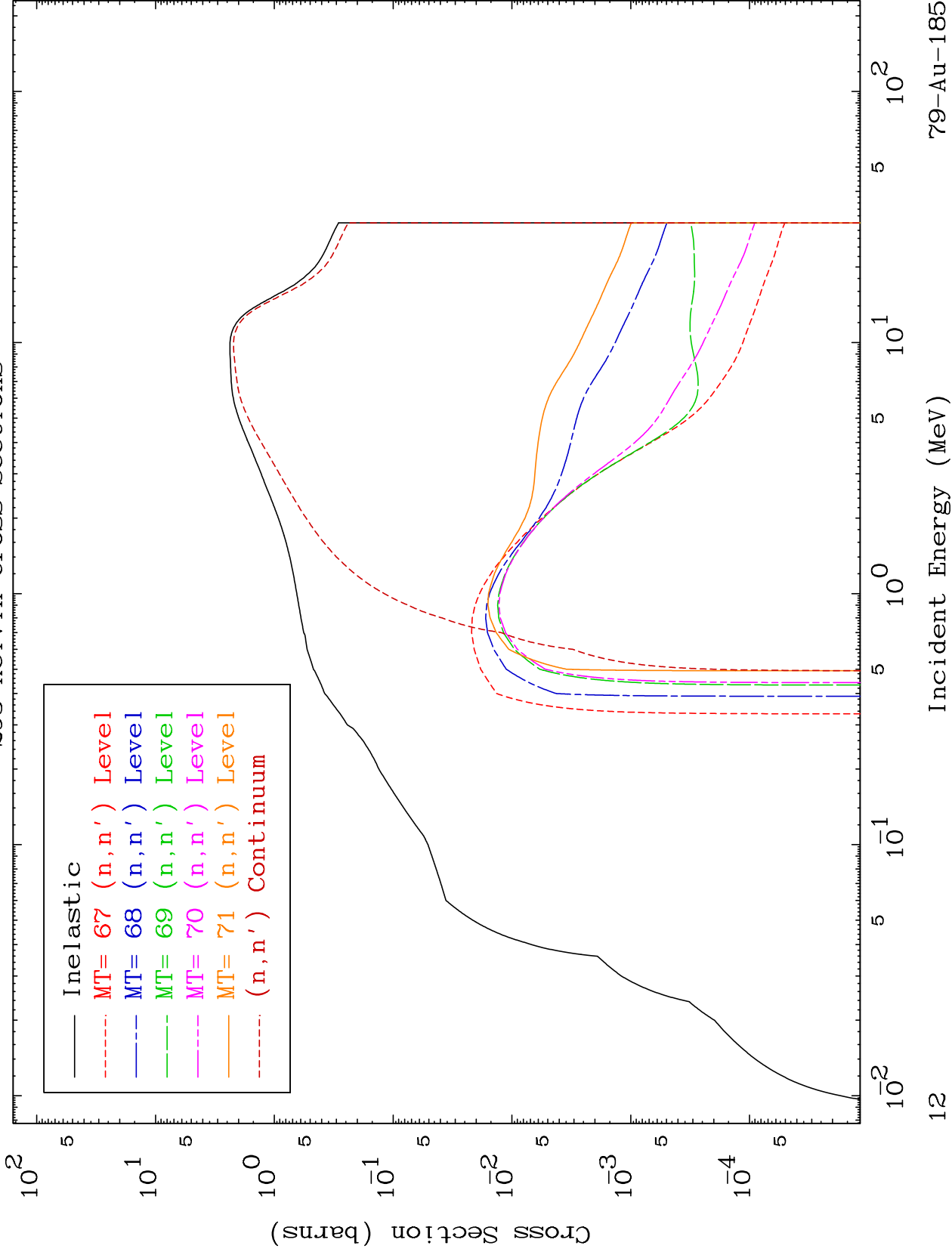
79-Au-185



MAT 7889

(n,n') Levels
293 Kelvin Cross Sections

79-Au-185

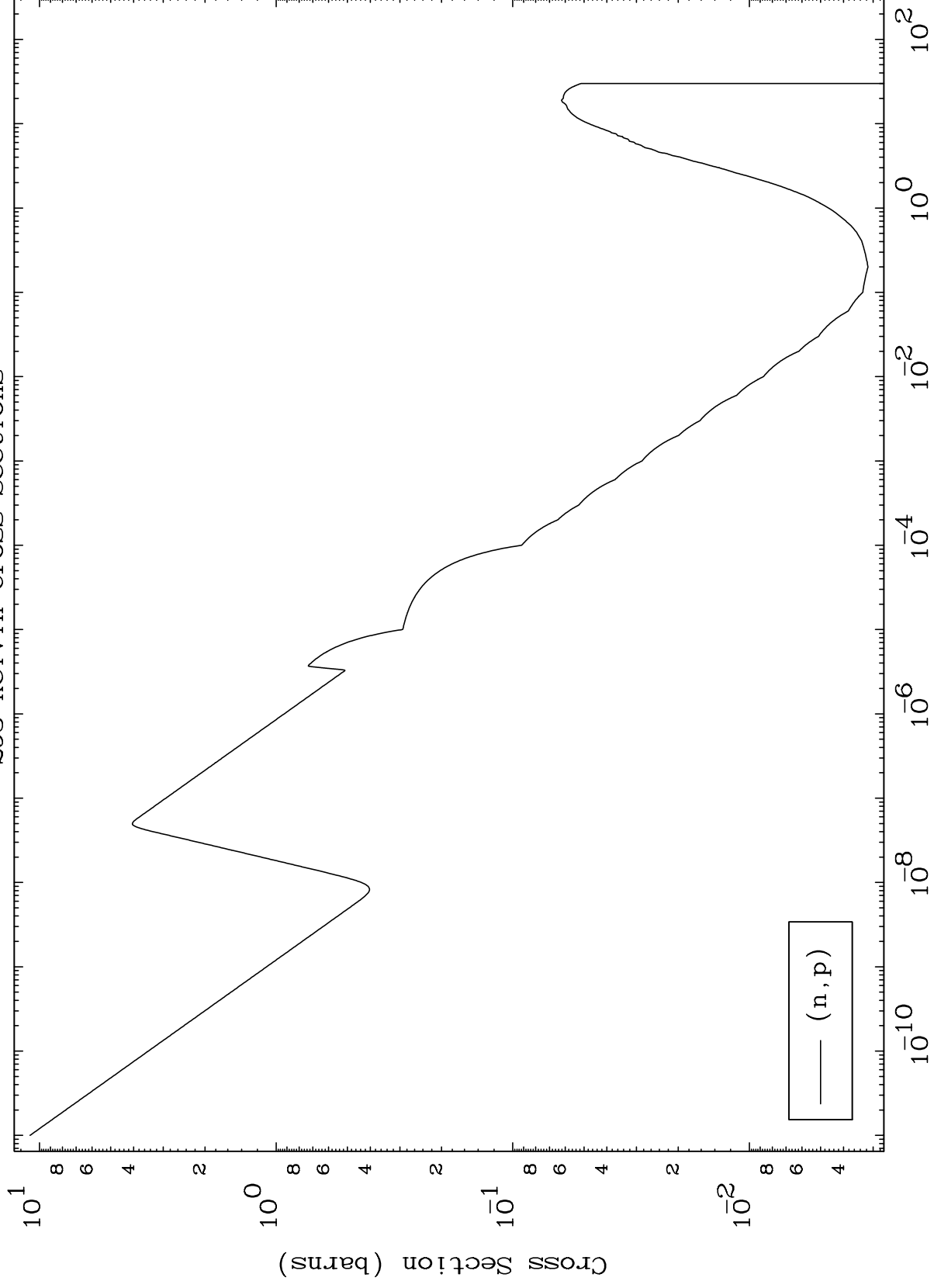


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MAT 7889

(n,p) Levels
293 Kelvin Cross Sections

79-Au-185



13

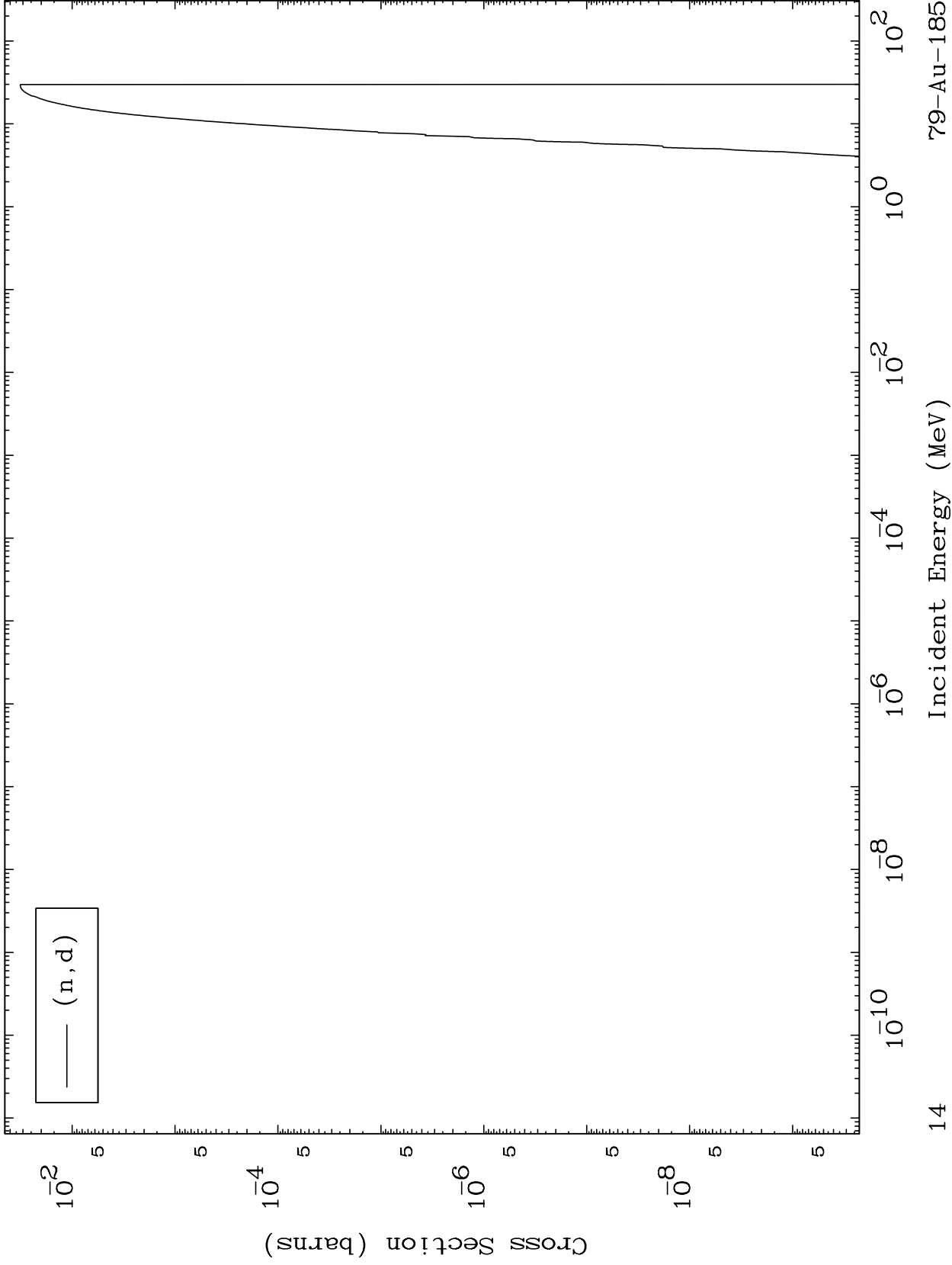
Incident Energy (MeV)

79-Au-185

MAT 7889

(n,d) Levels
293 Kelvin Cross Sections

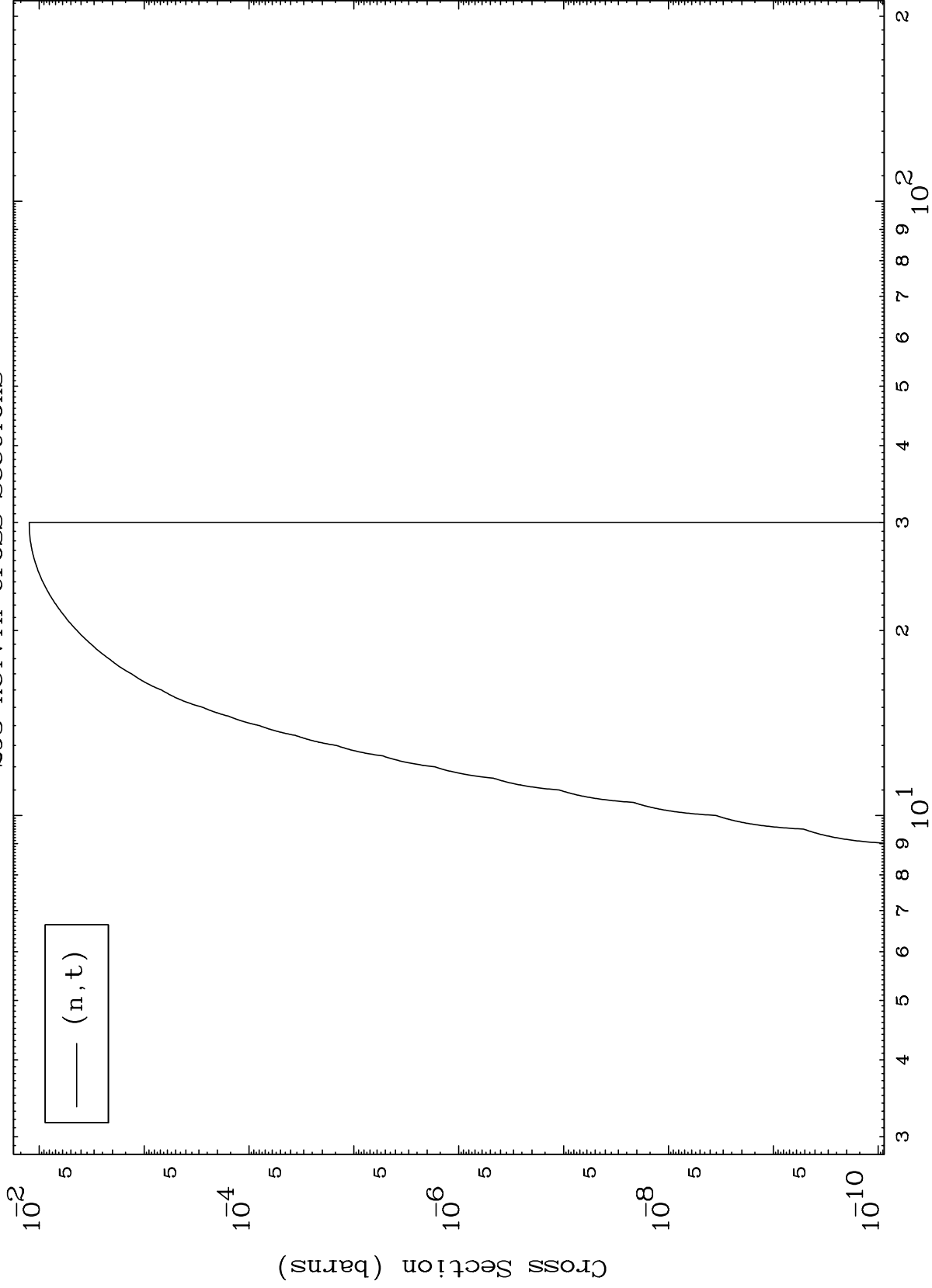
79-Au-185



MAT 7889

(n,t) Levels
293 Kelvin Cross Sections

79-Au-185



15

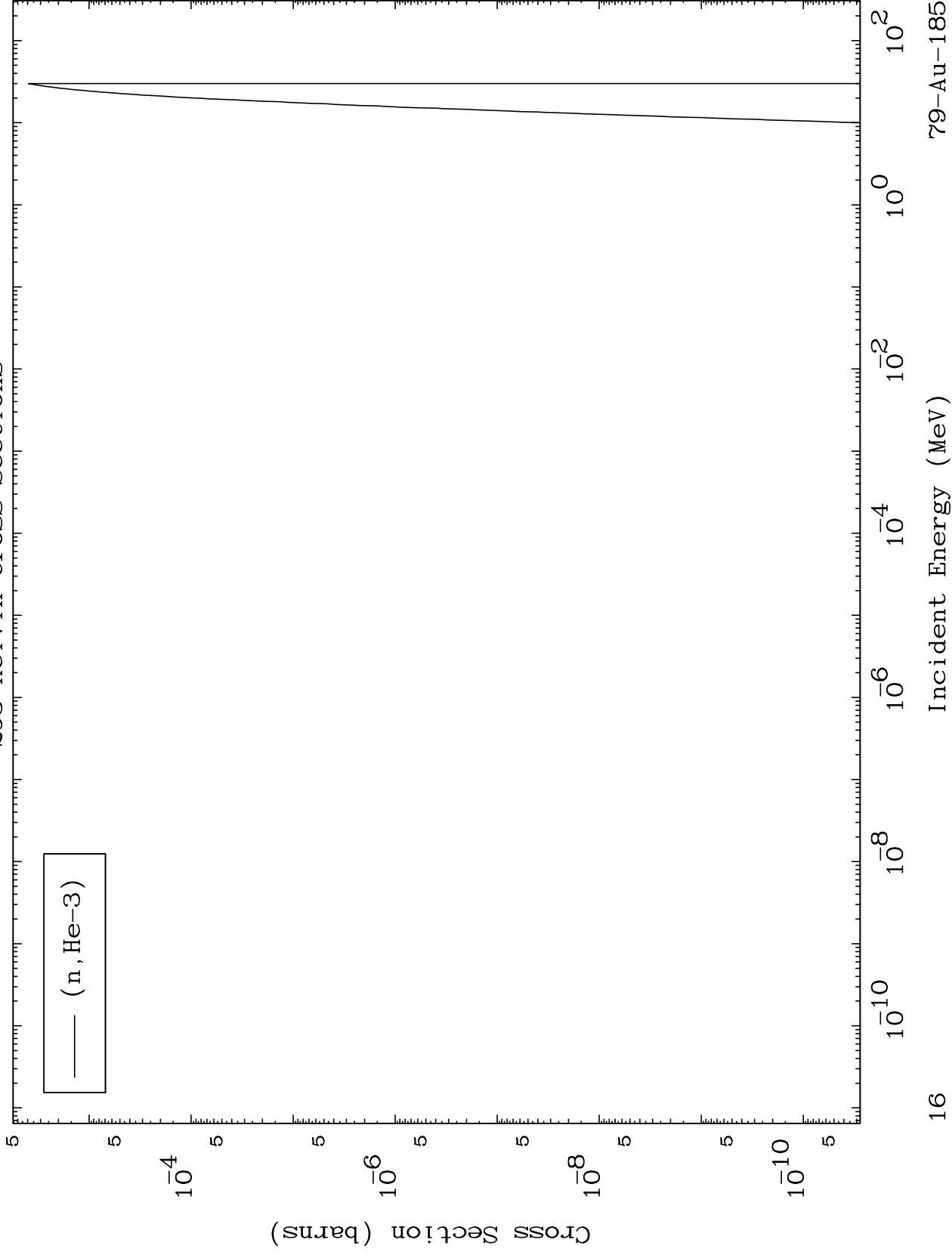
Incident Energy (MeV)

79-Au-185

MAT 7889

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-185



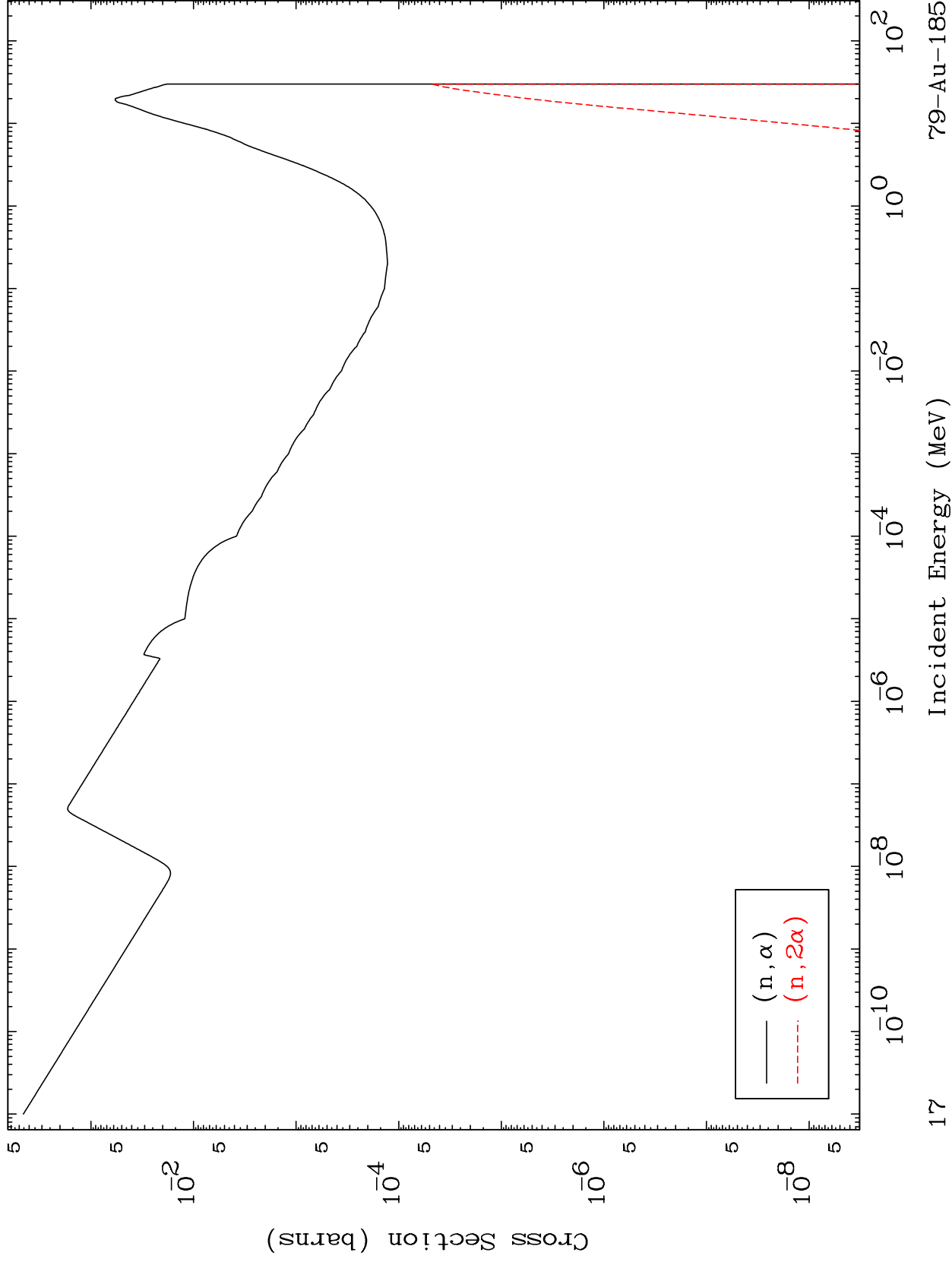
16

79-Au-185

MAT 7889

(n, α) Levels
293 Kelvin Cross Sections

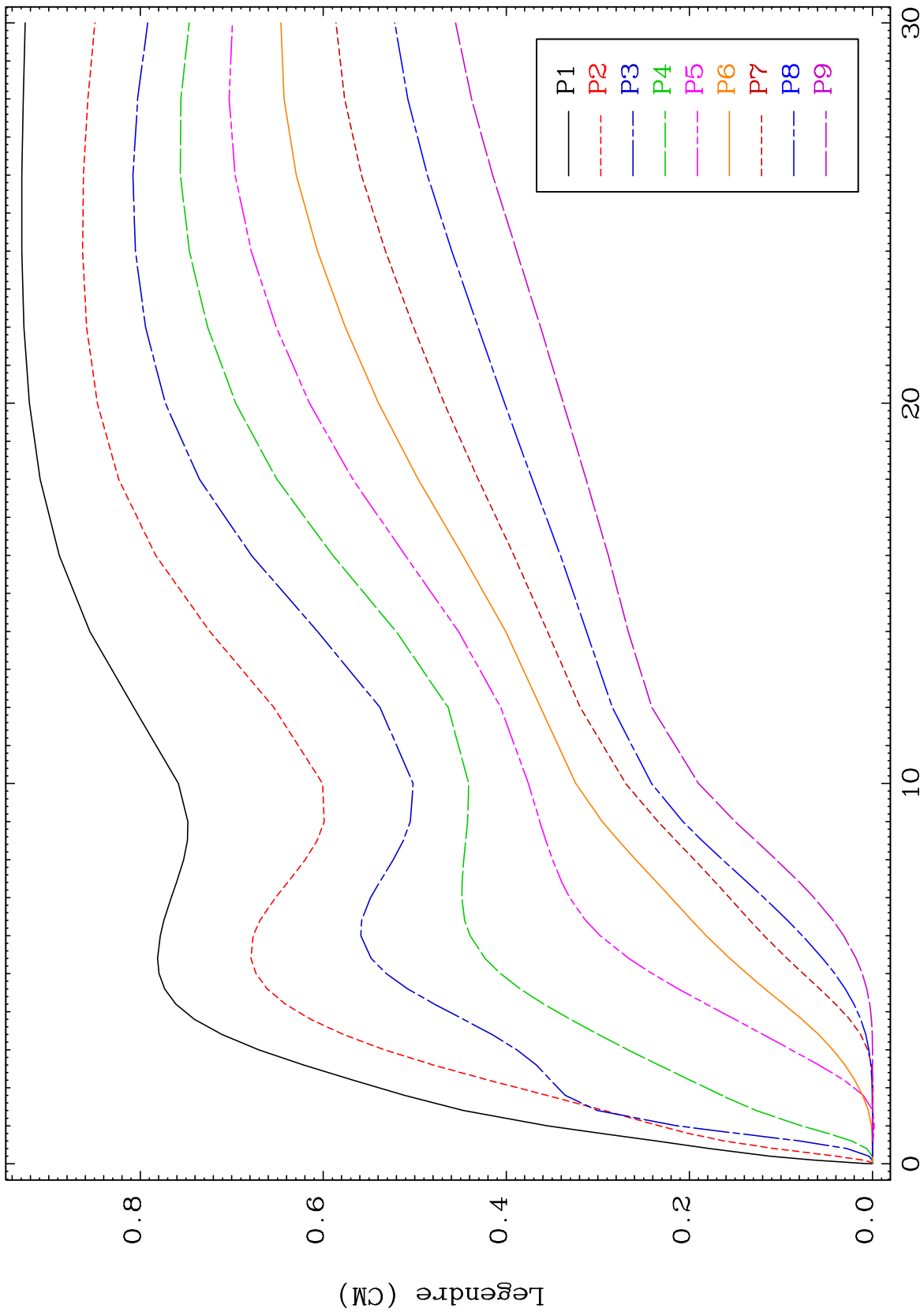
79-Au-185



MAT 7889

79-Au-185

Elastic Legendre Coefficients



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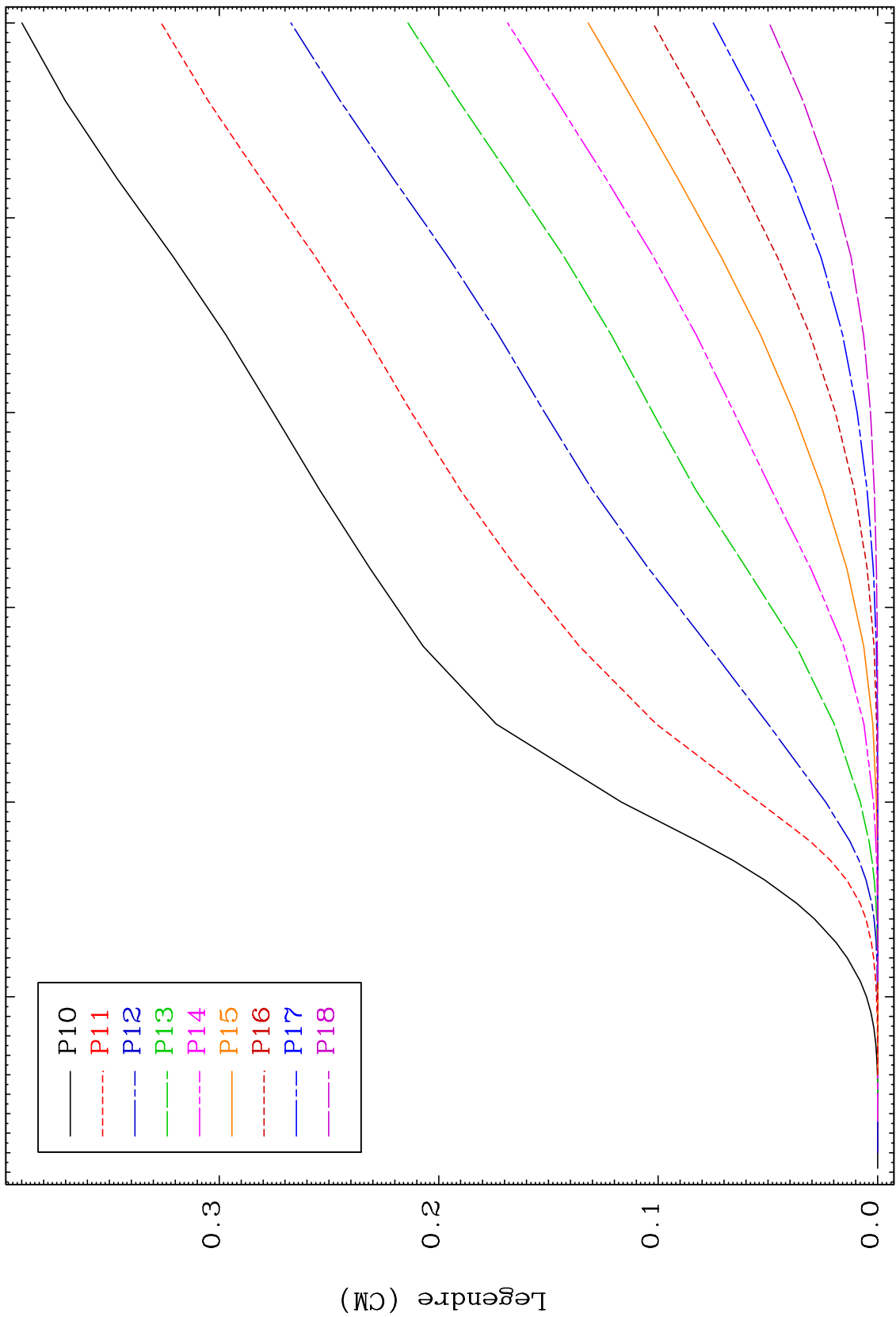
Incident Energy (MeV)

79-Au-185

MAT 7889

Elastic Legendre Coefficients

⁷⁹Au-185



19

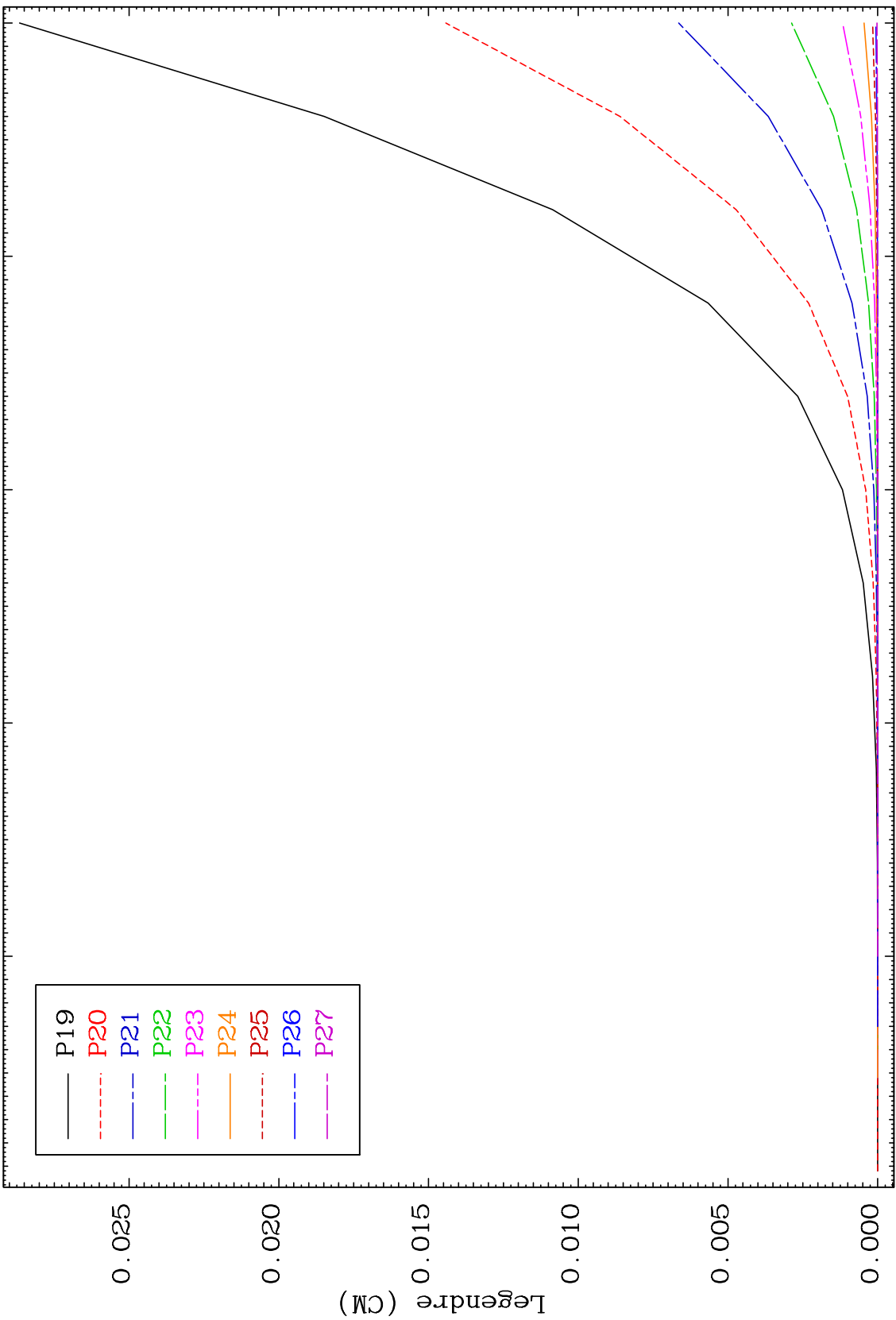
Incident Energy (MeV)

⁷⁹Au-185

MAT 7889

Elastic Legendre Coefficients

79-Au-185



20

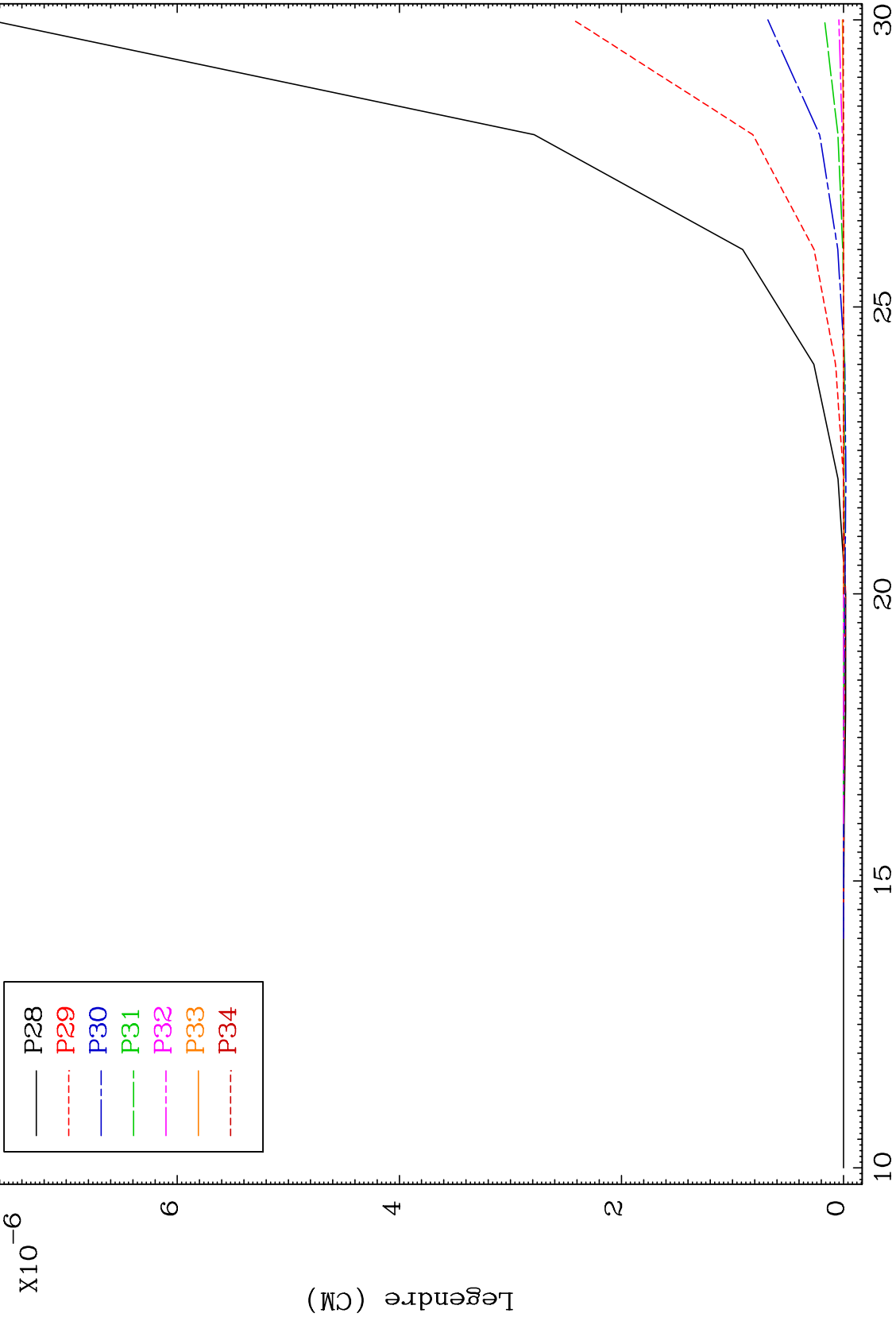
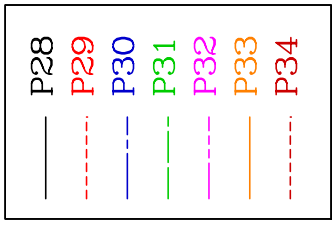
Incident Energy (MeV)

79-Au-185

MAT 7889

Elastic
Legendre Coefficients

79-Au-185



21

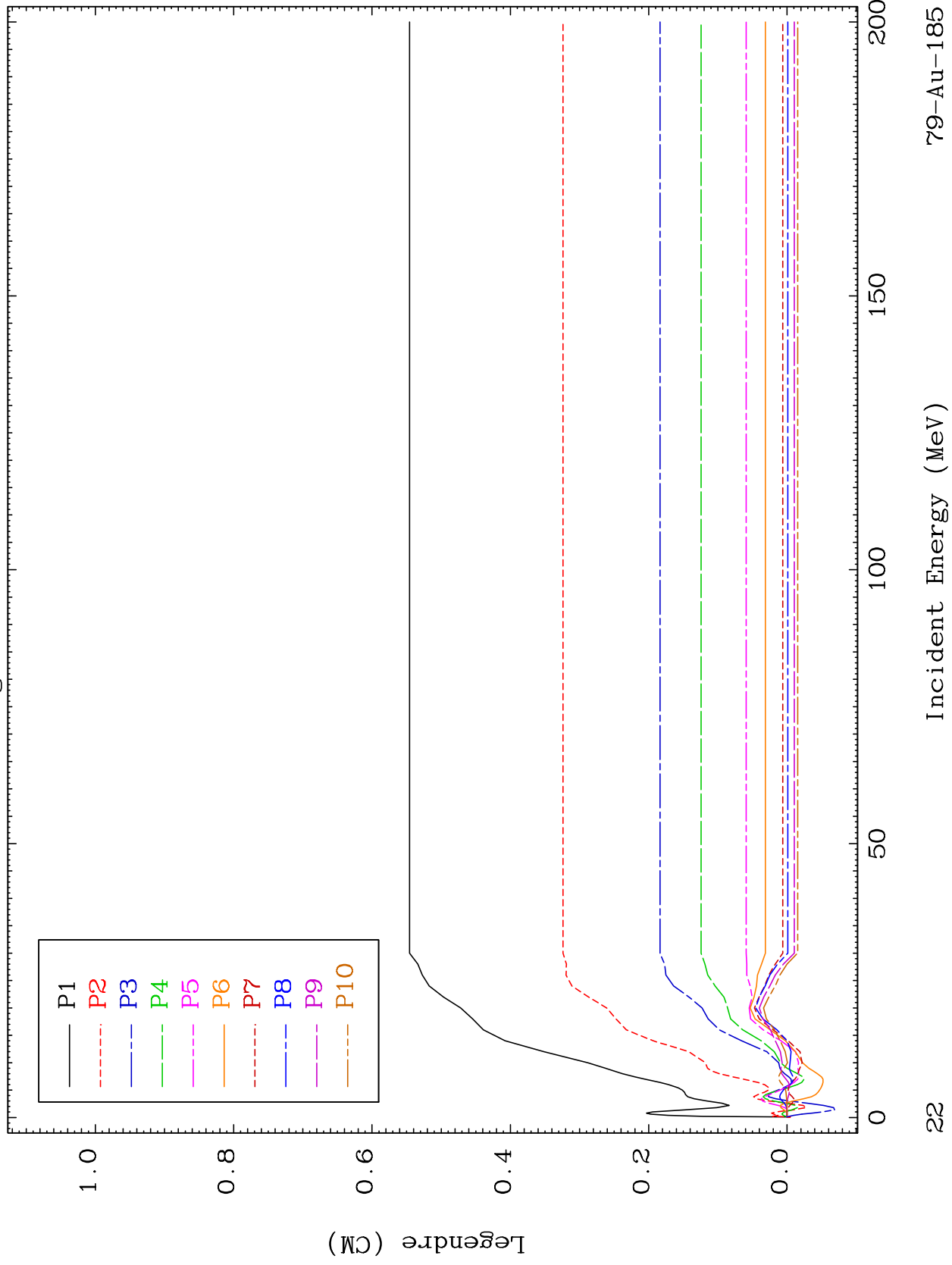
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



22

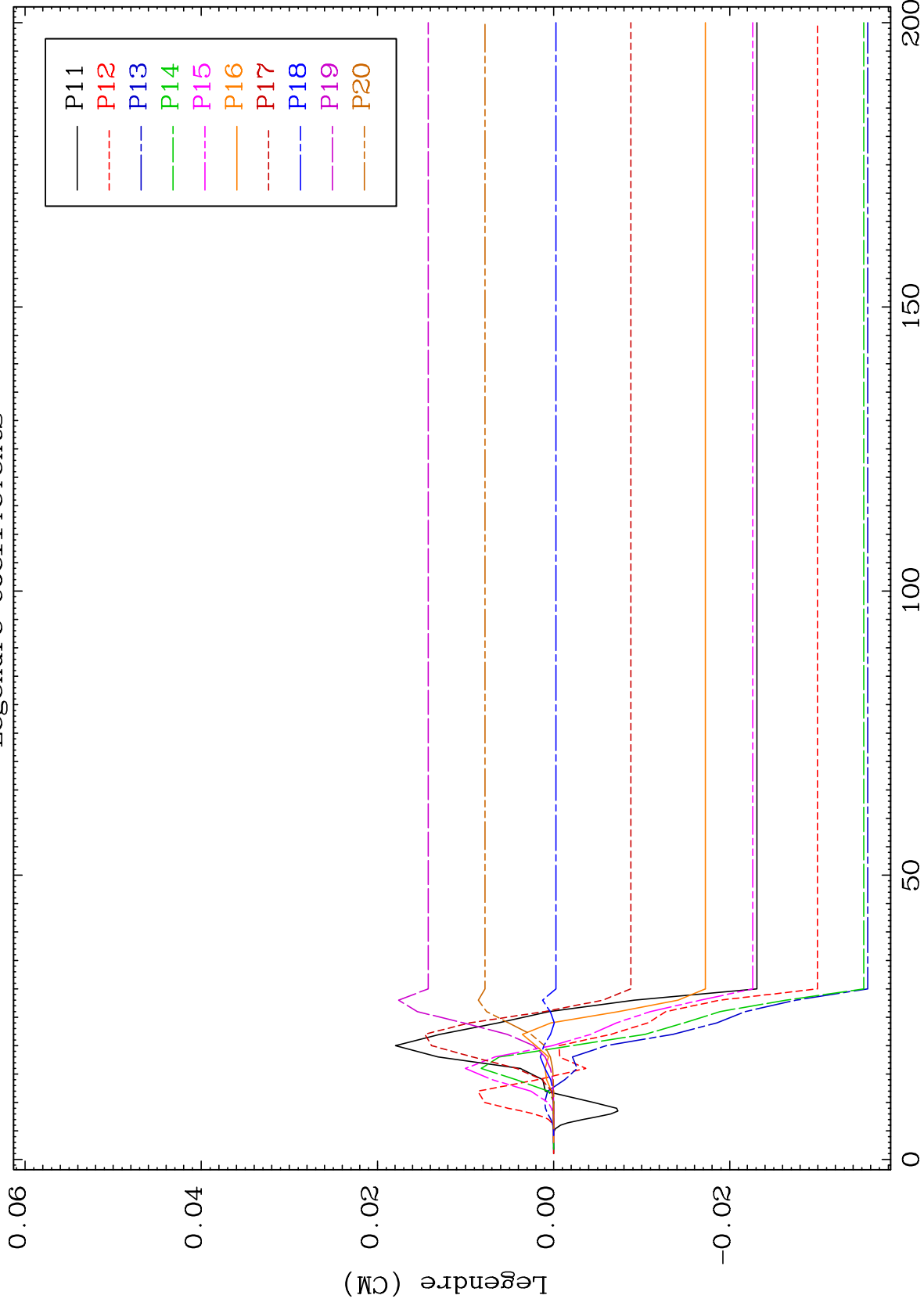
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



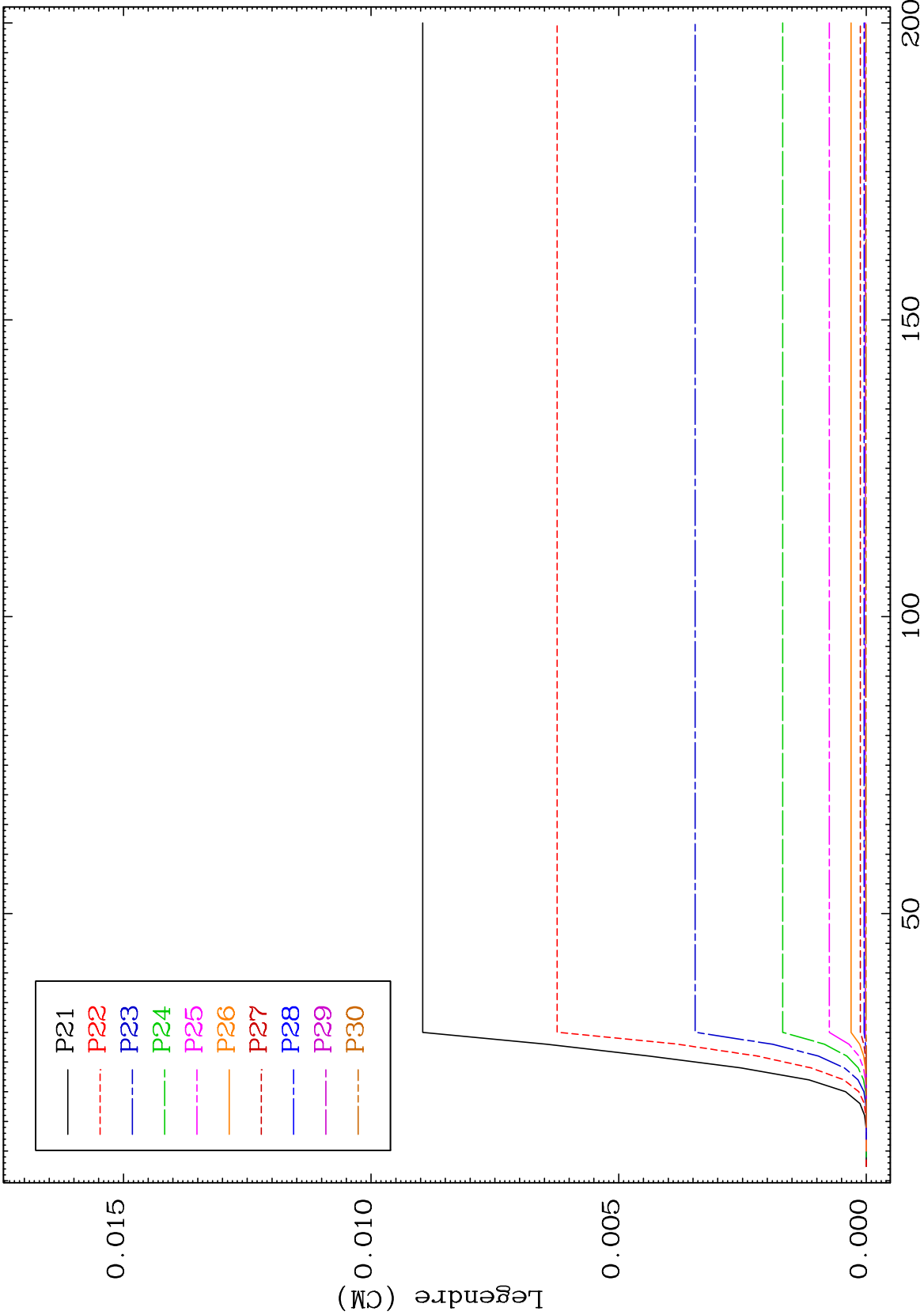
23

79-Au-185

MAT 7889

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

79-Au-185



24

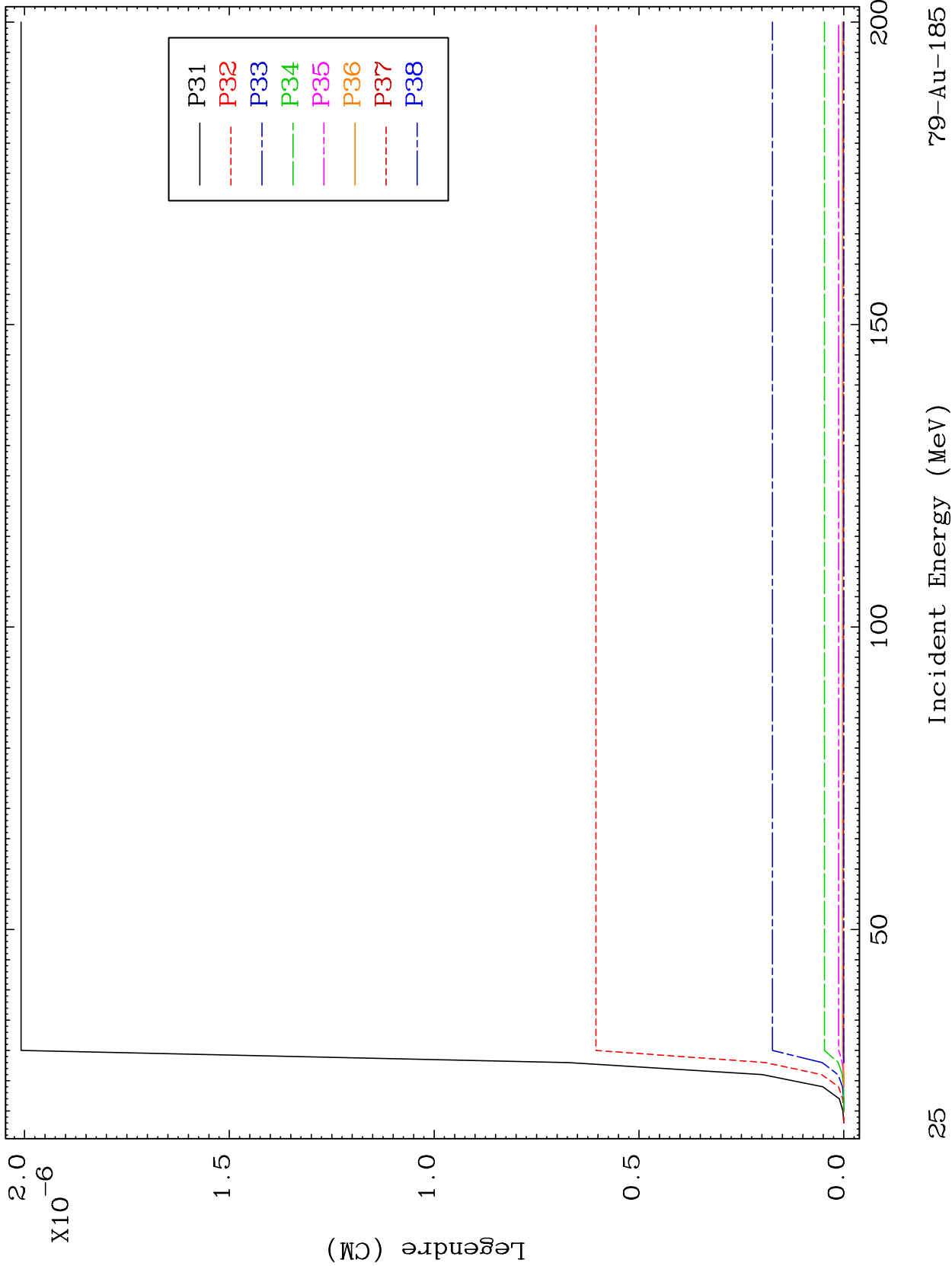
Incident Energy (MeV)

79-Au-185

MAT 7889

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

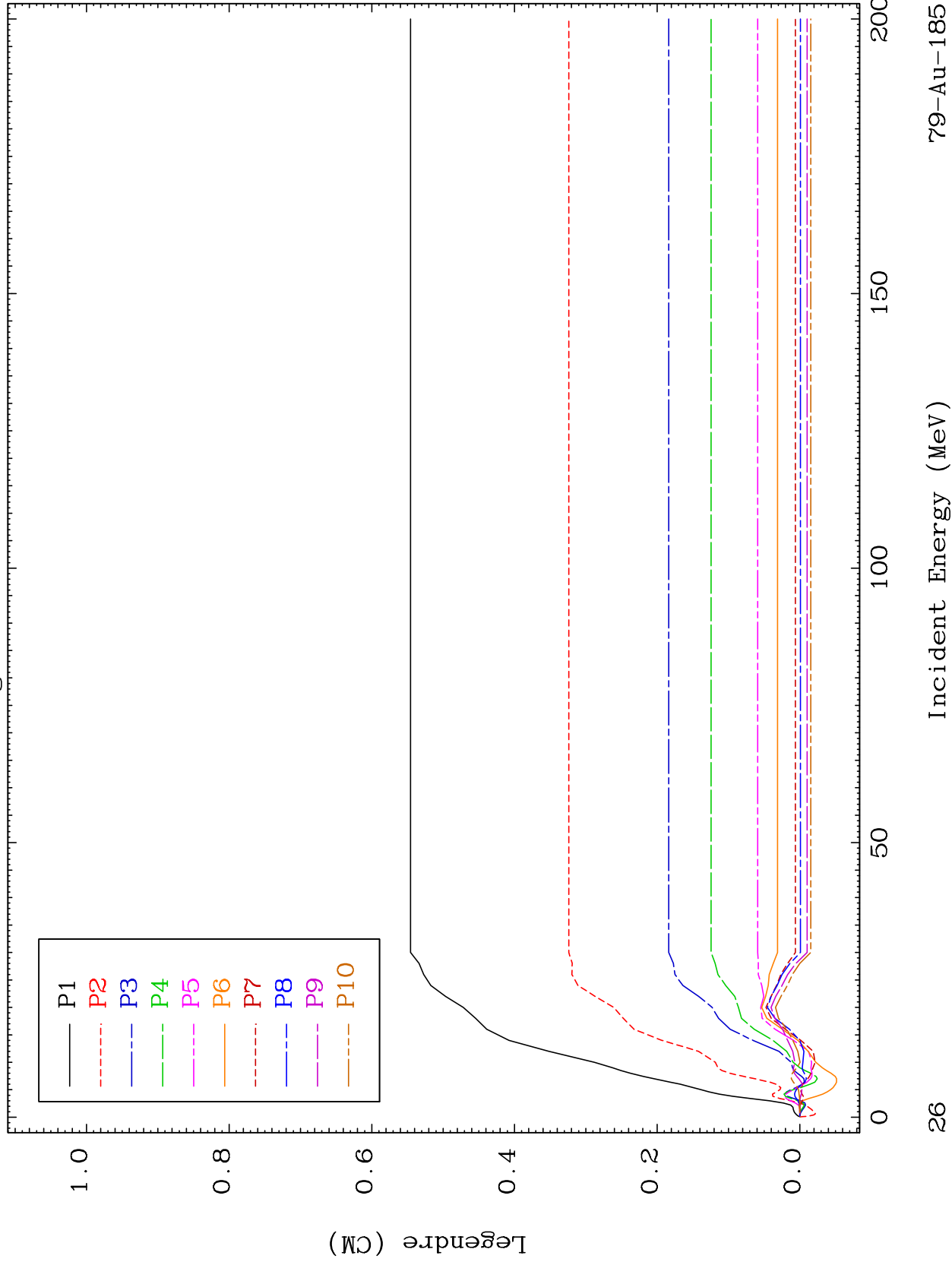
79-Au-185



MAT 7889

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

79-Au-185



26

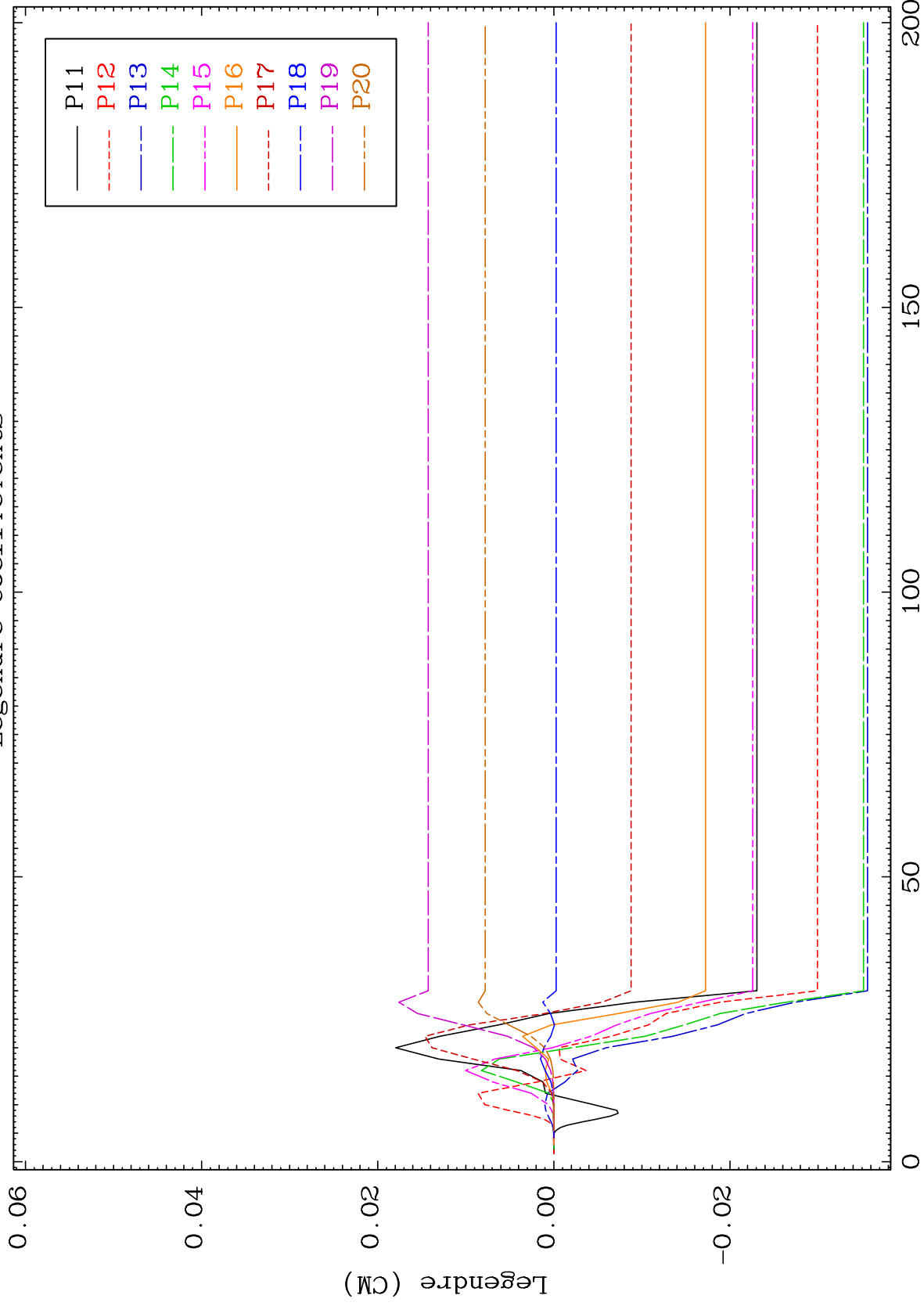
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



27

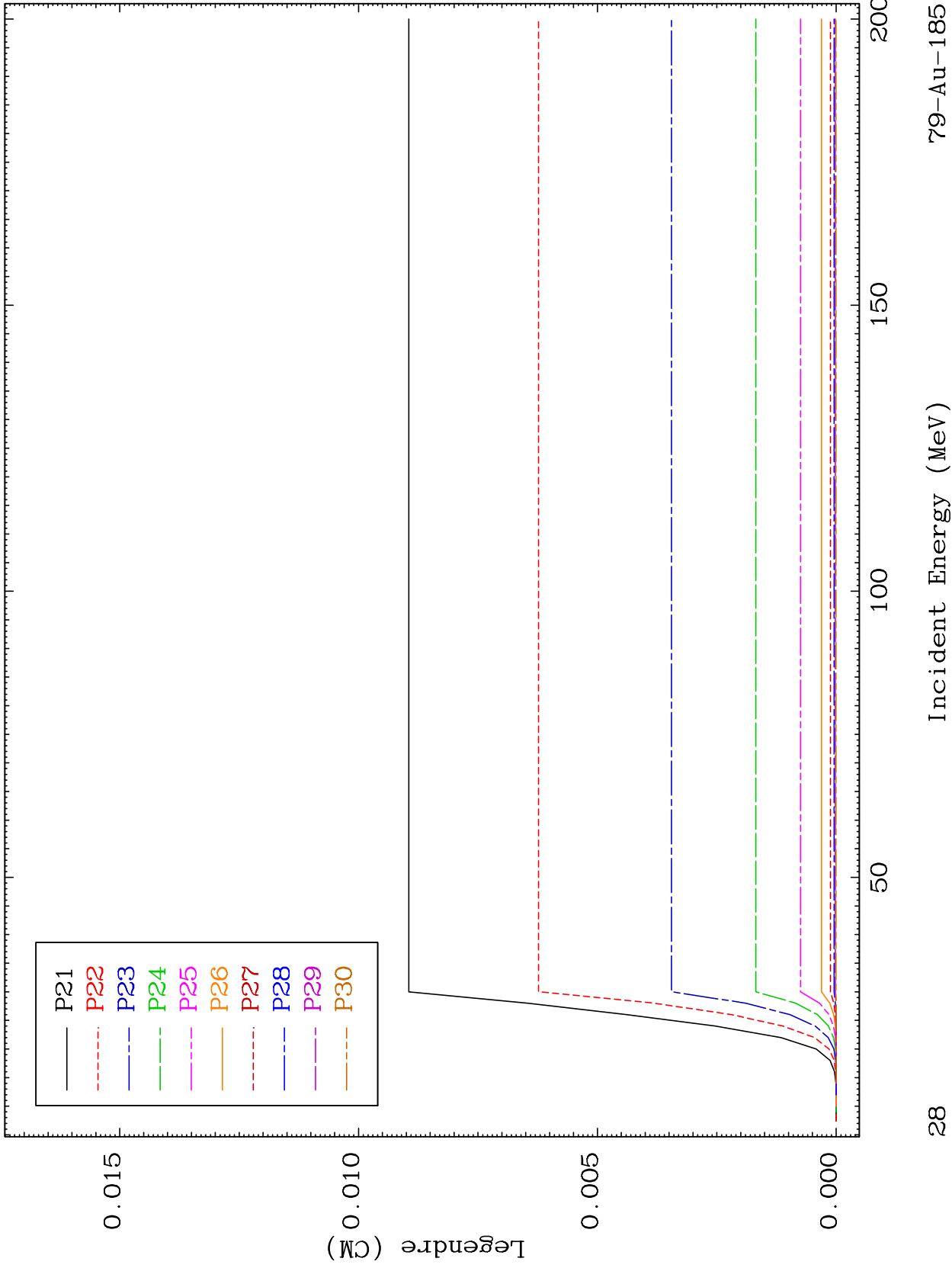
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



28

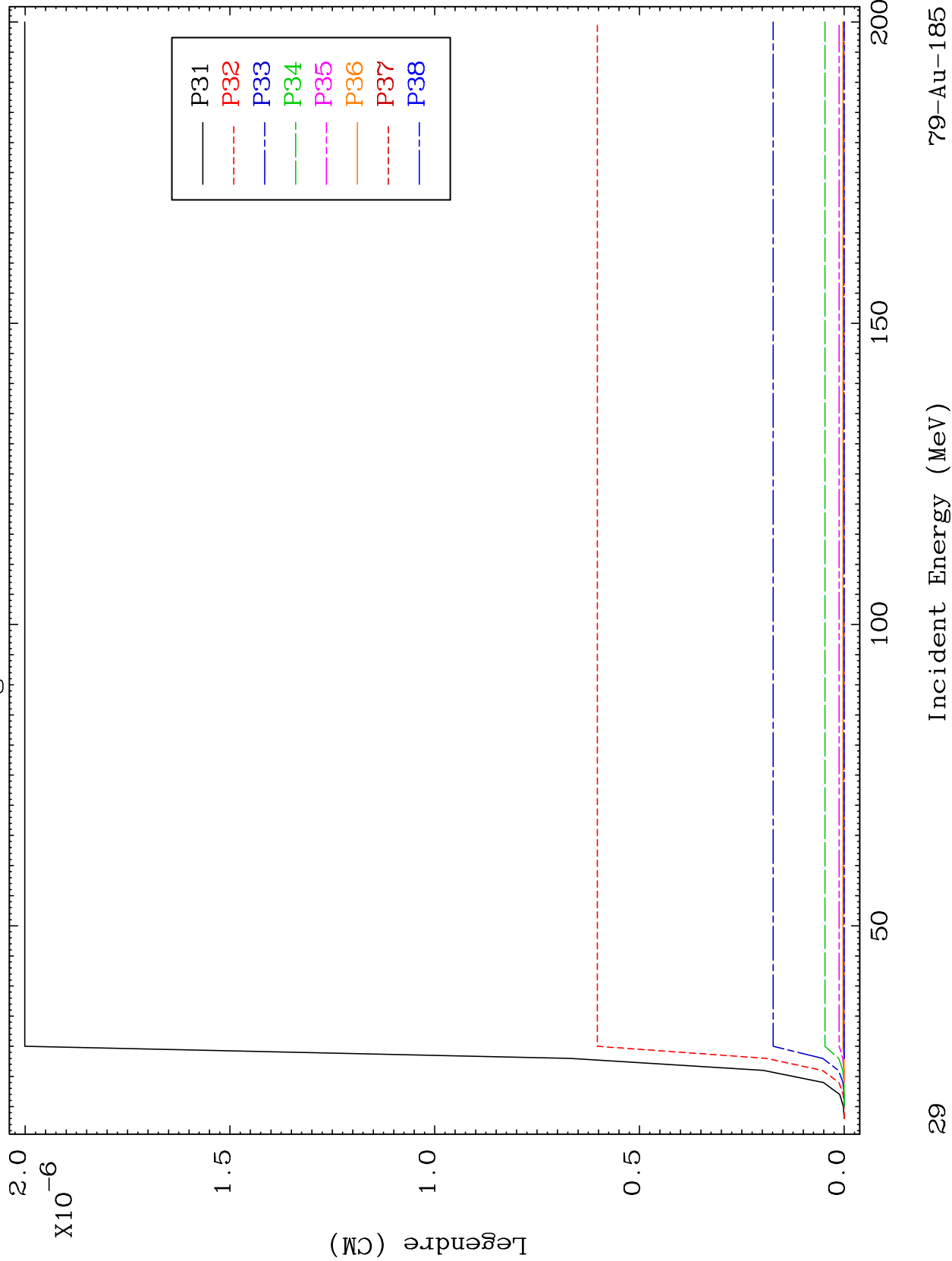
Incident Energy (MeV)

79-Au-185

MAT 7889

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

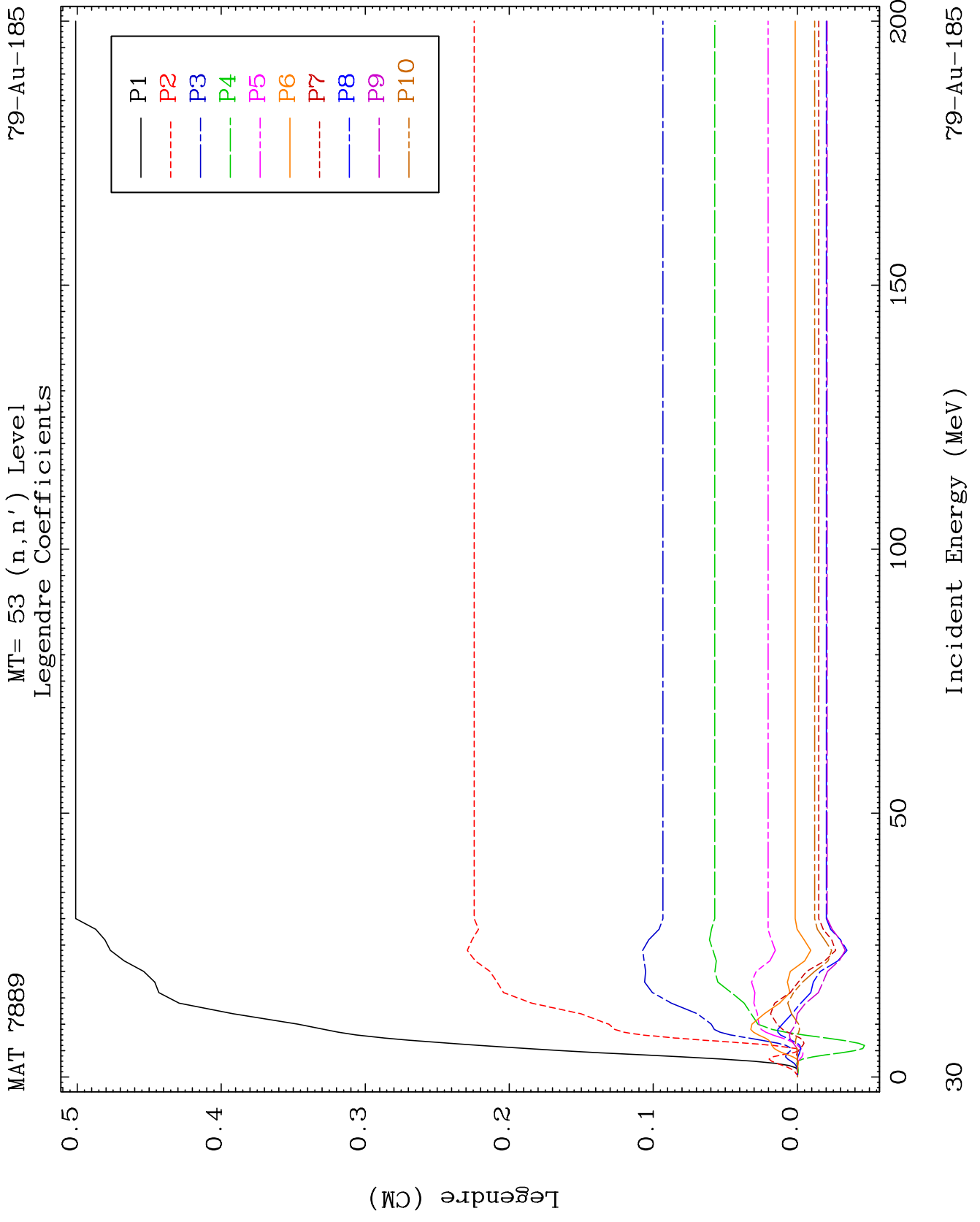
79-Au-185



29

Incident Energy (MeV)

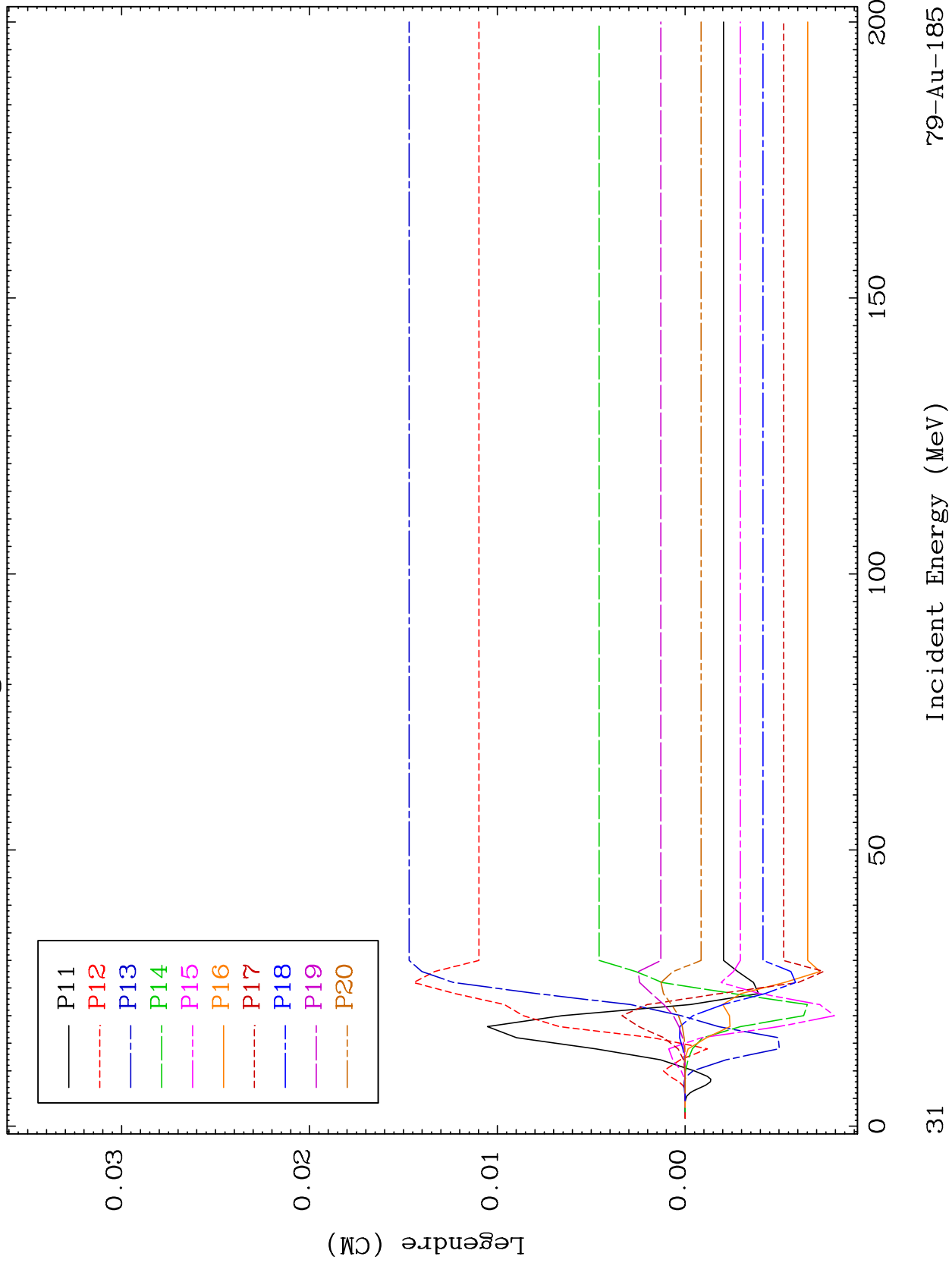
79-Au-185



MAT 7889

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

79-Au-185



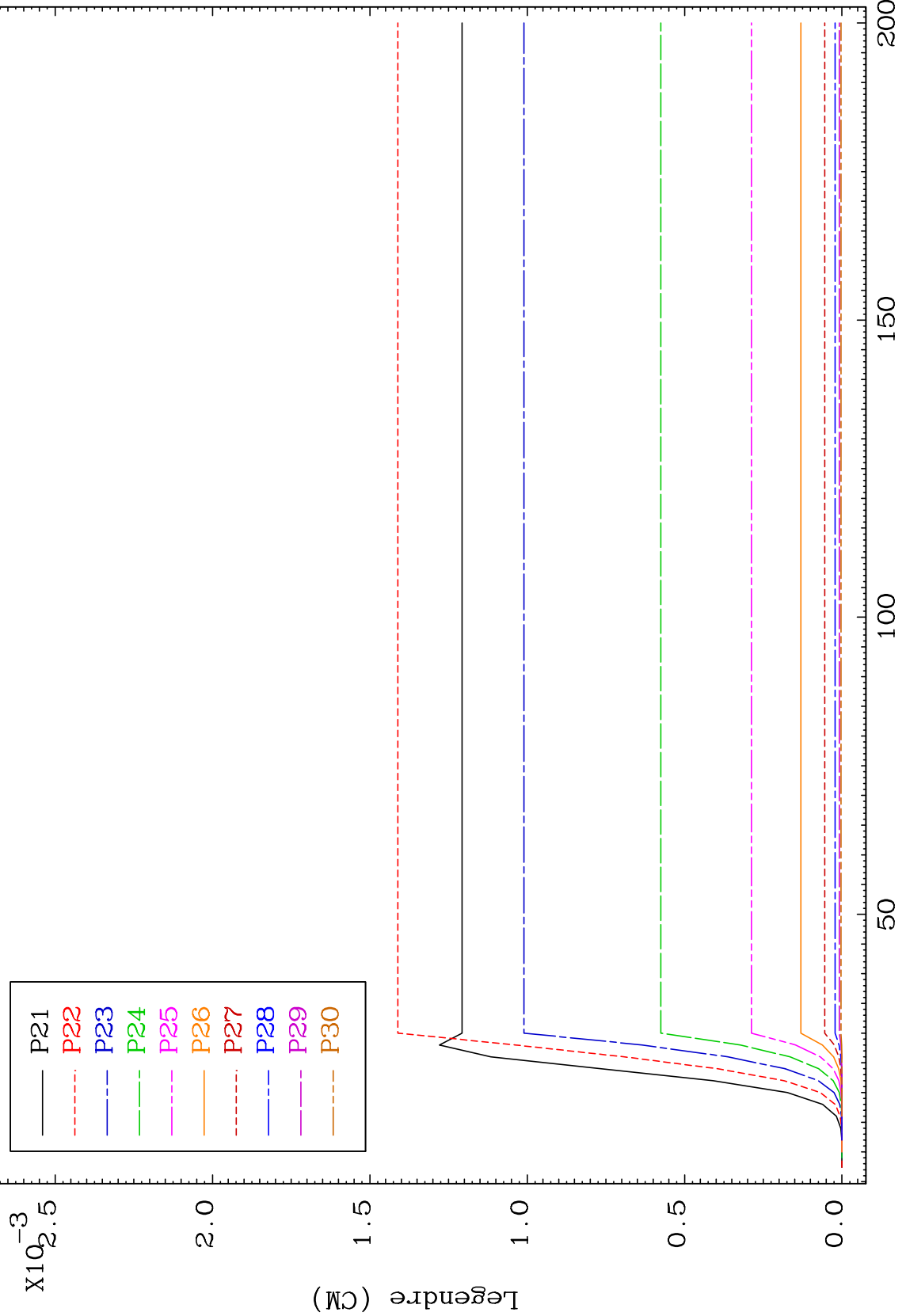
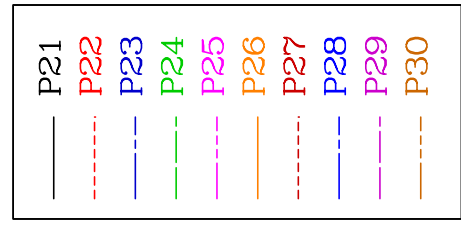
31

79-Au-185

MAT 7889

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

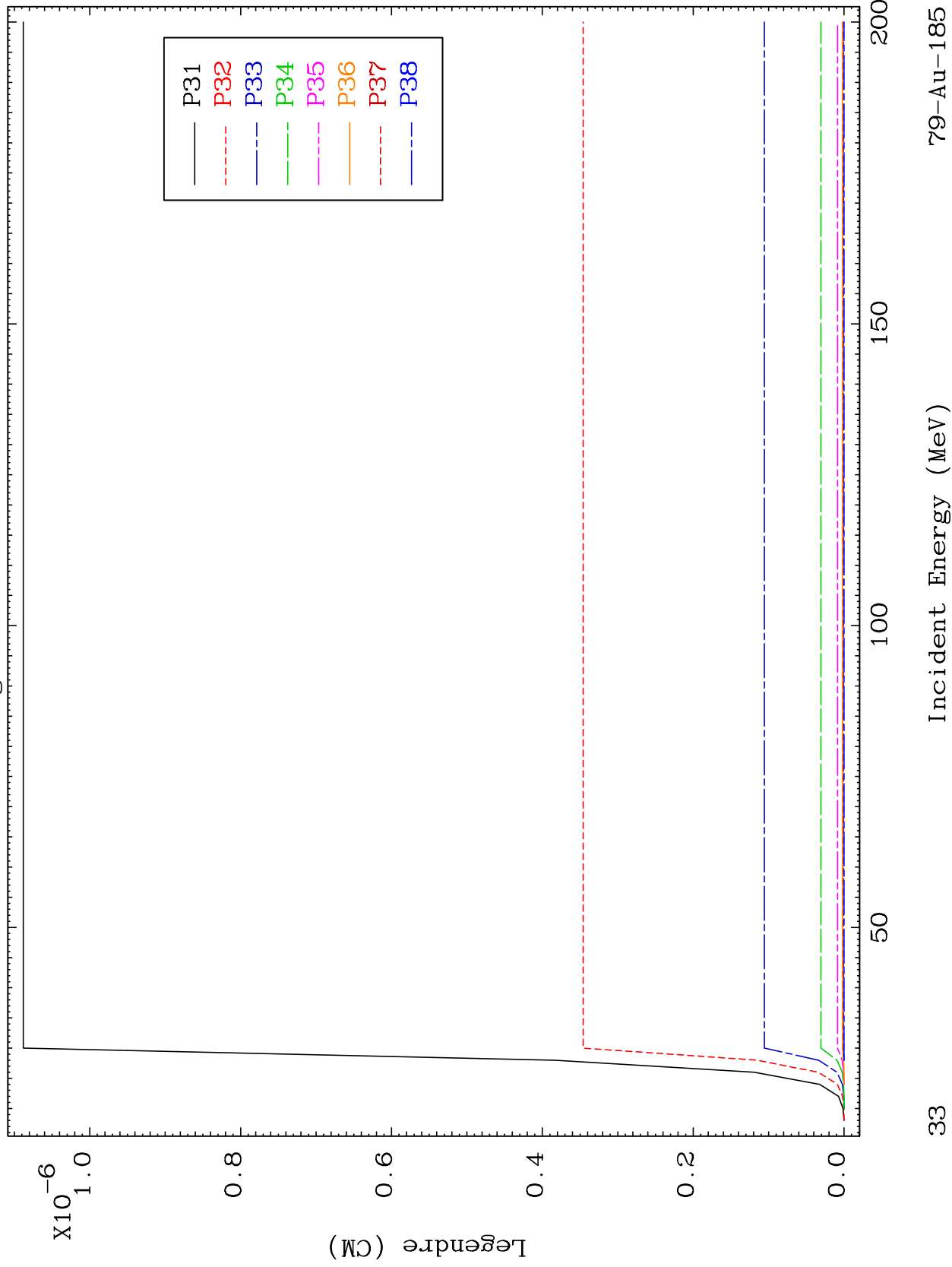
79-Au-185



MAT 7889

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

79-Au-185



33

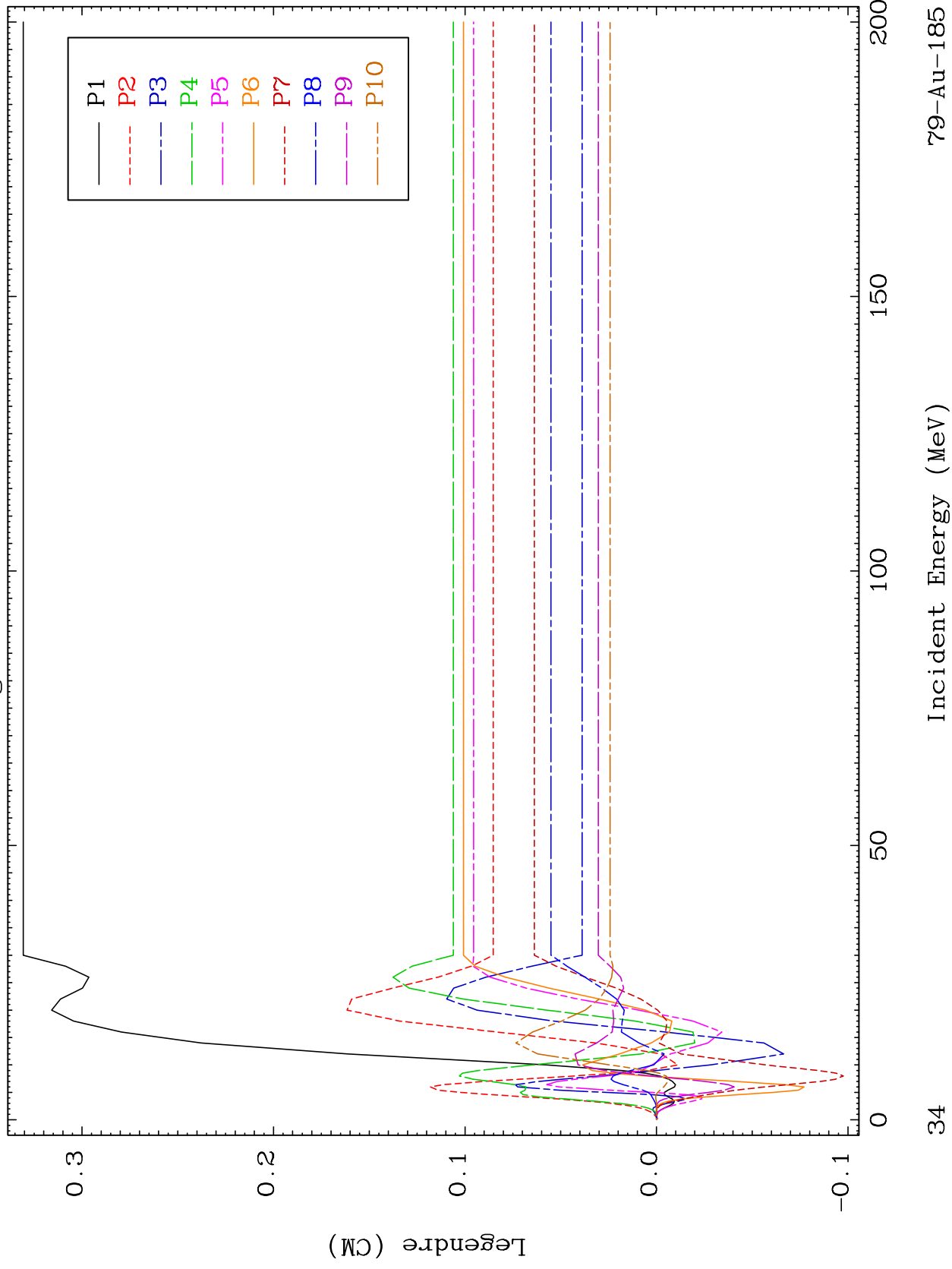
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



79-Au-185

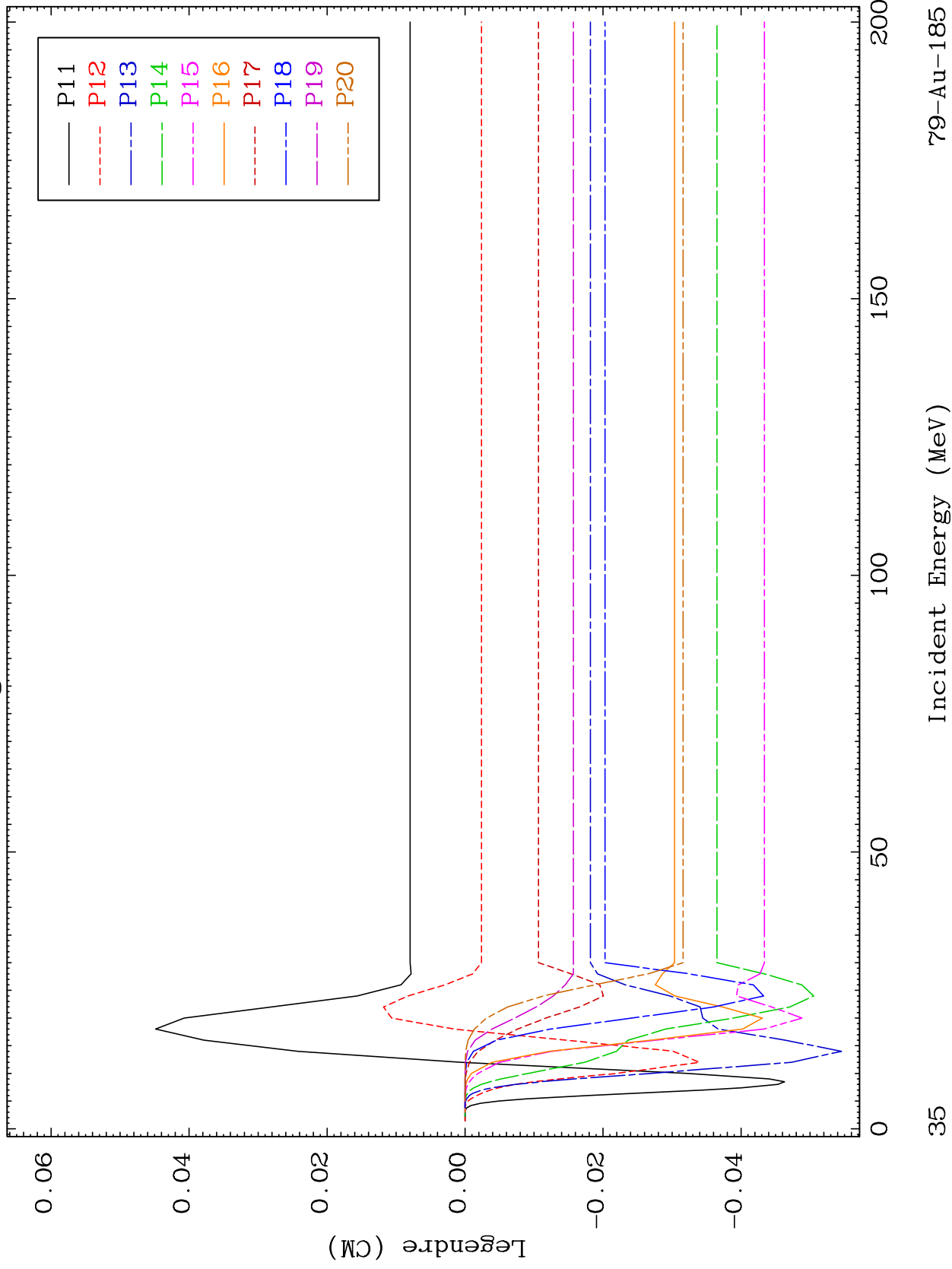
Incident Energy (MeV)

34

MAT 7889

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

79-Au-185



79-Au-185

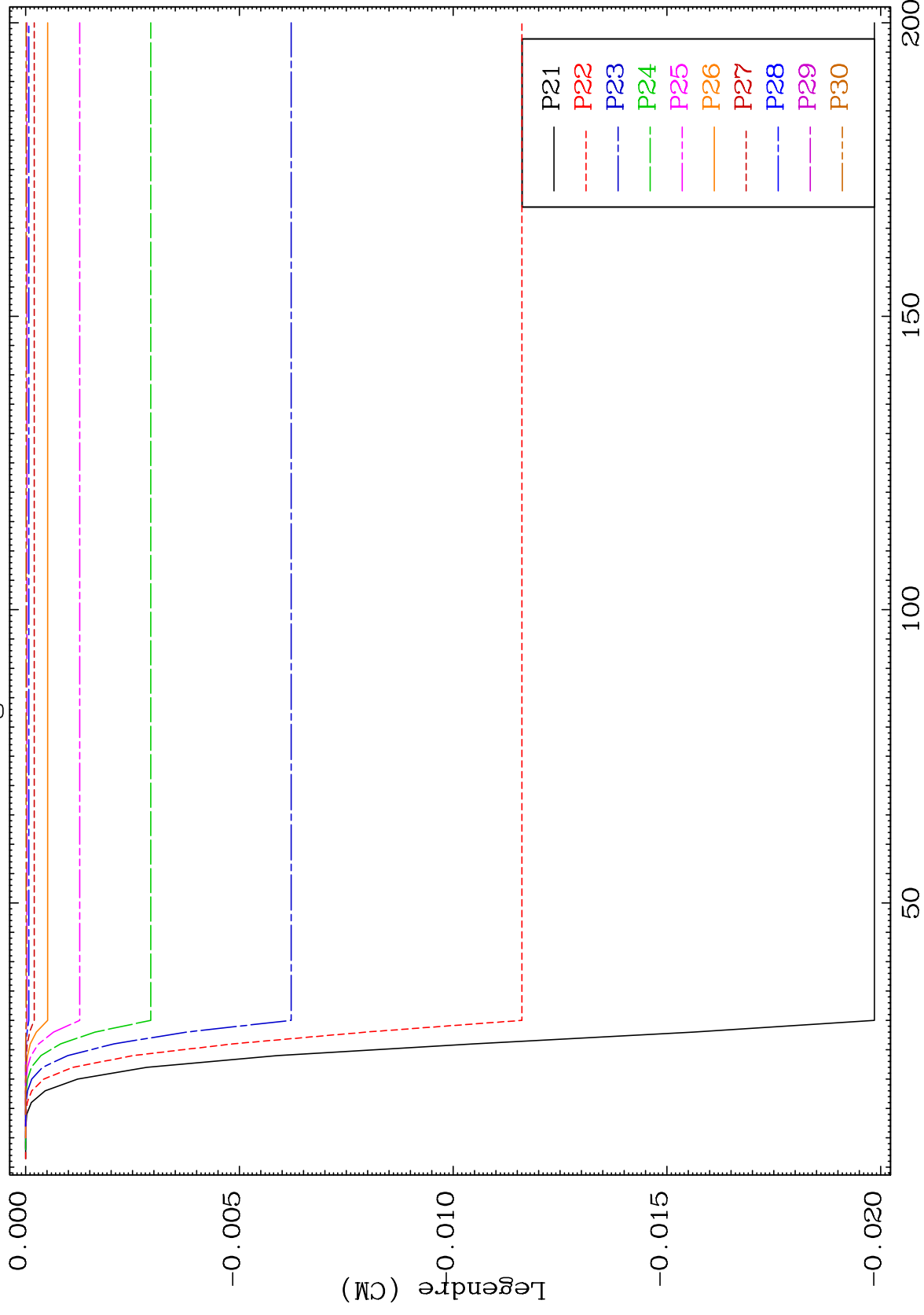
Incident Energy (MeV)

35

MAT 7889

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

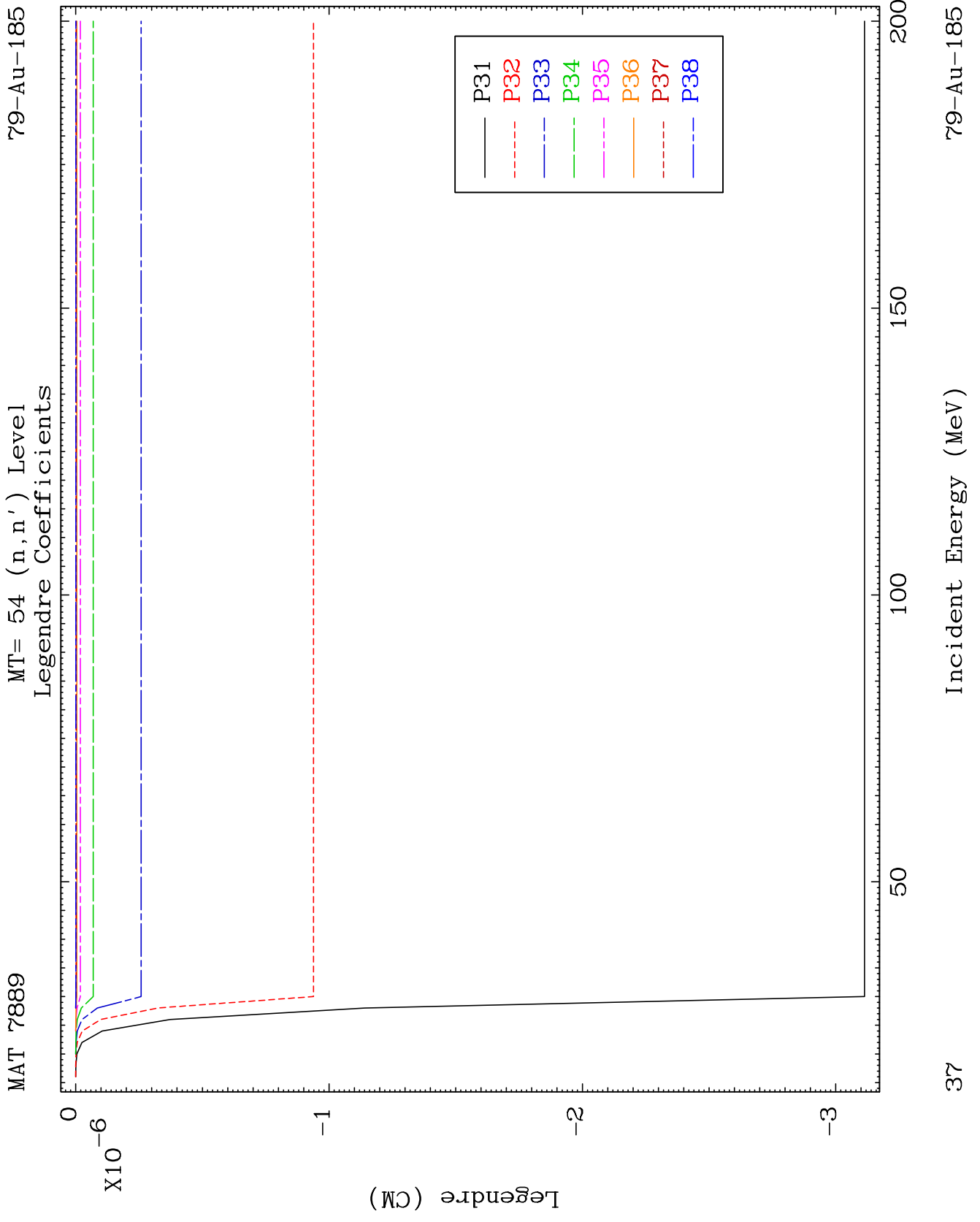
79-Au-185



36

Incident Energy (MeV)

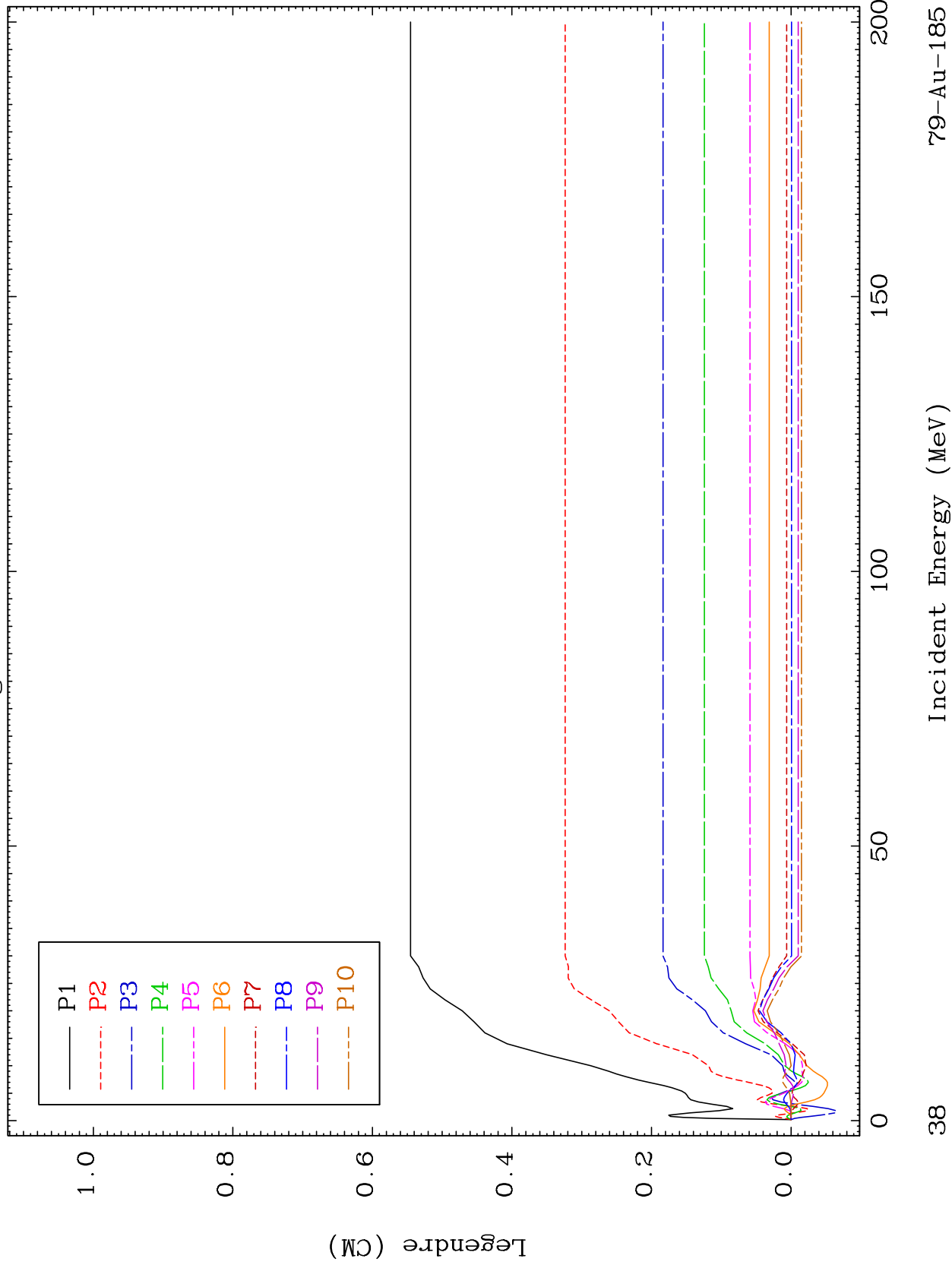
79-Au-185



MAT 7889

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

79-Au-185



38

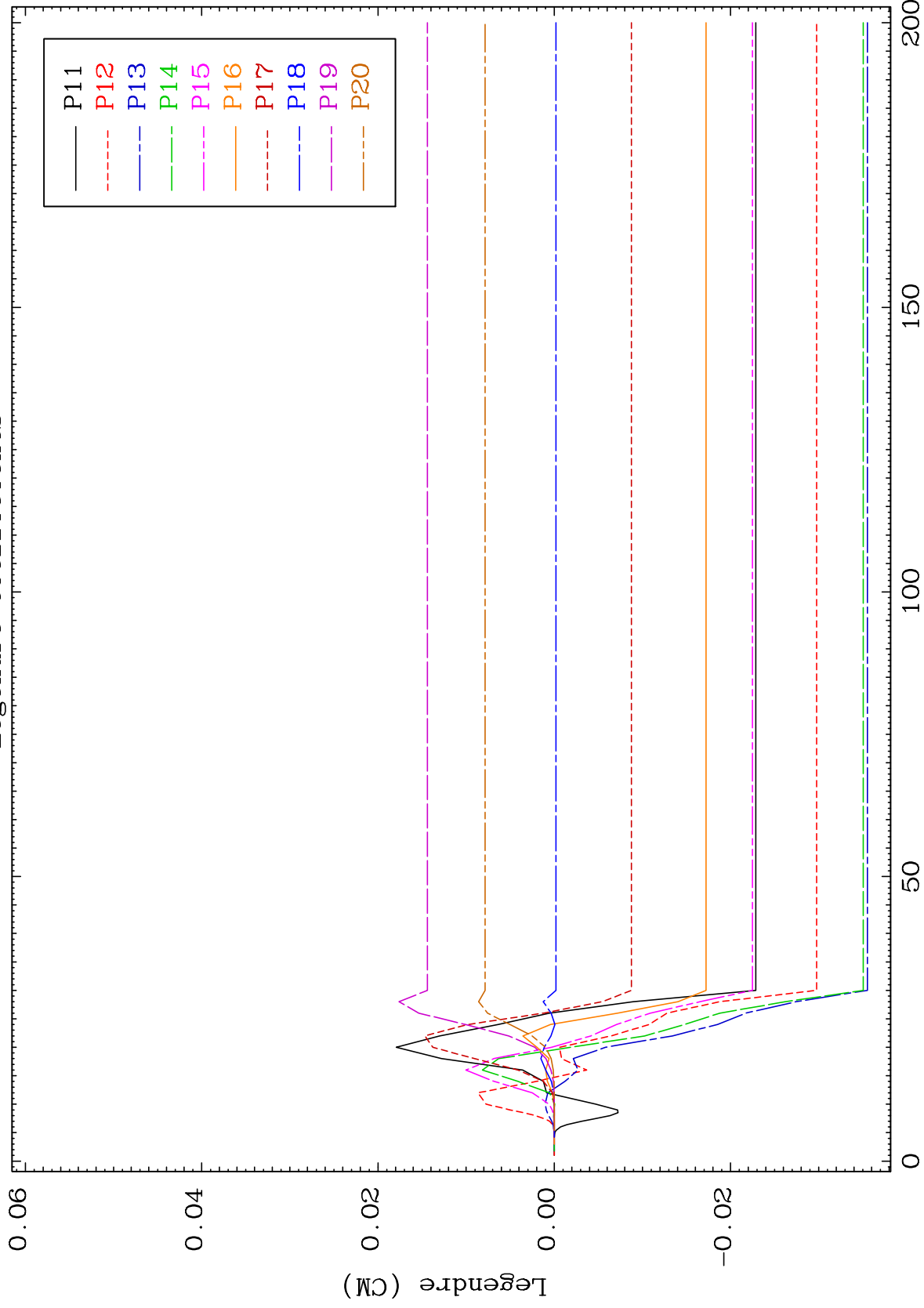
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



39

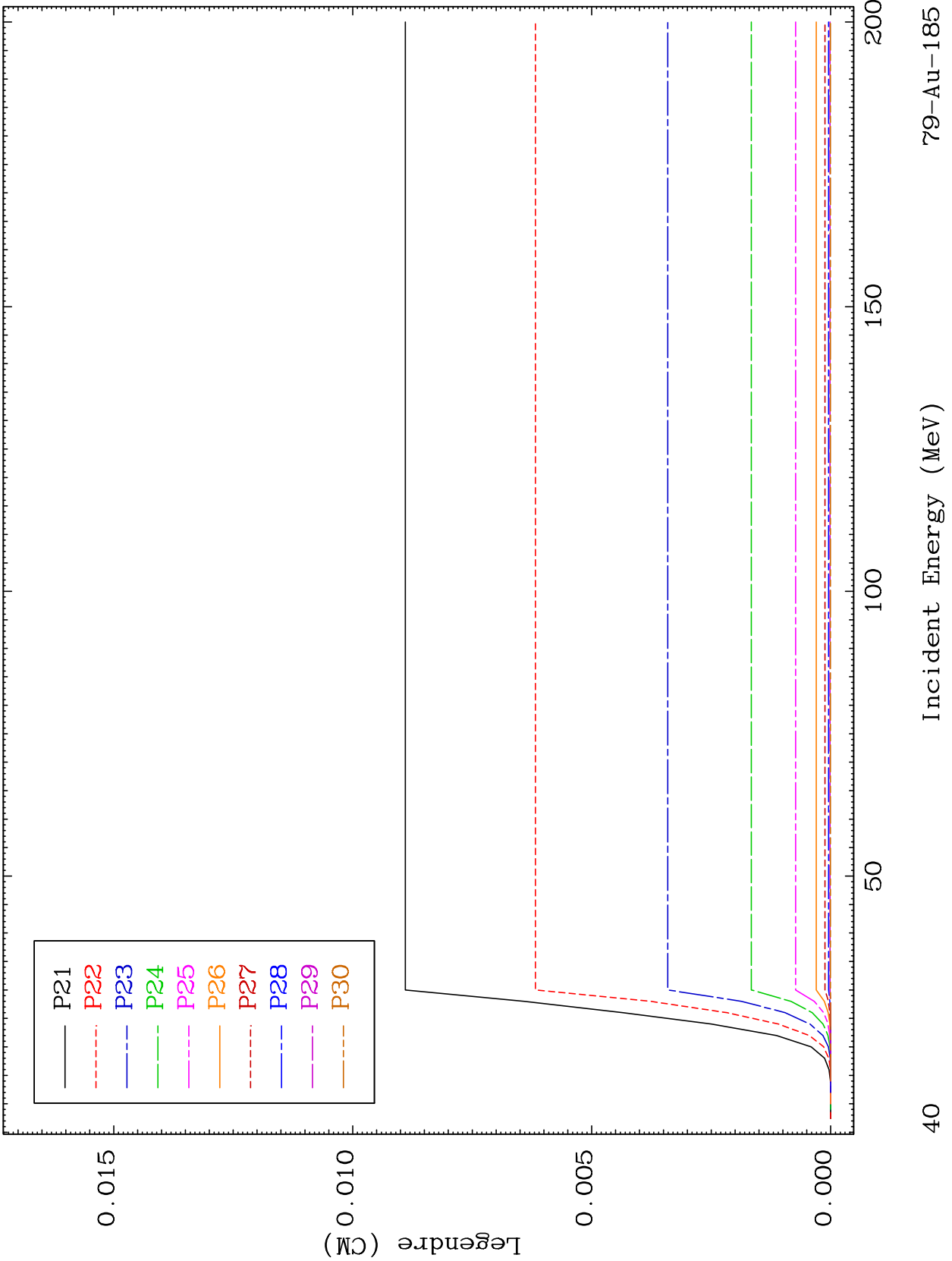
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



40

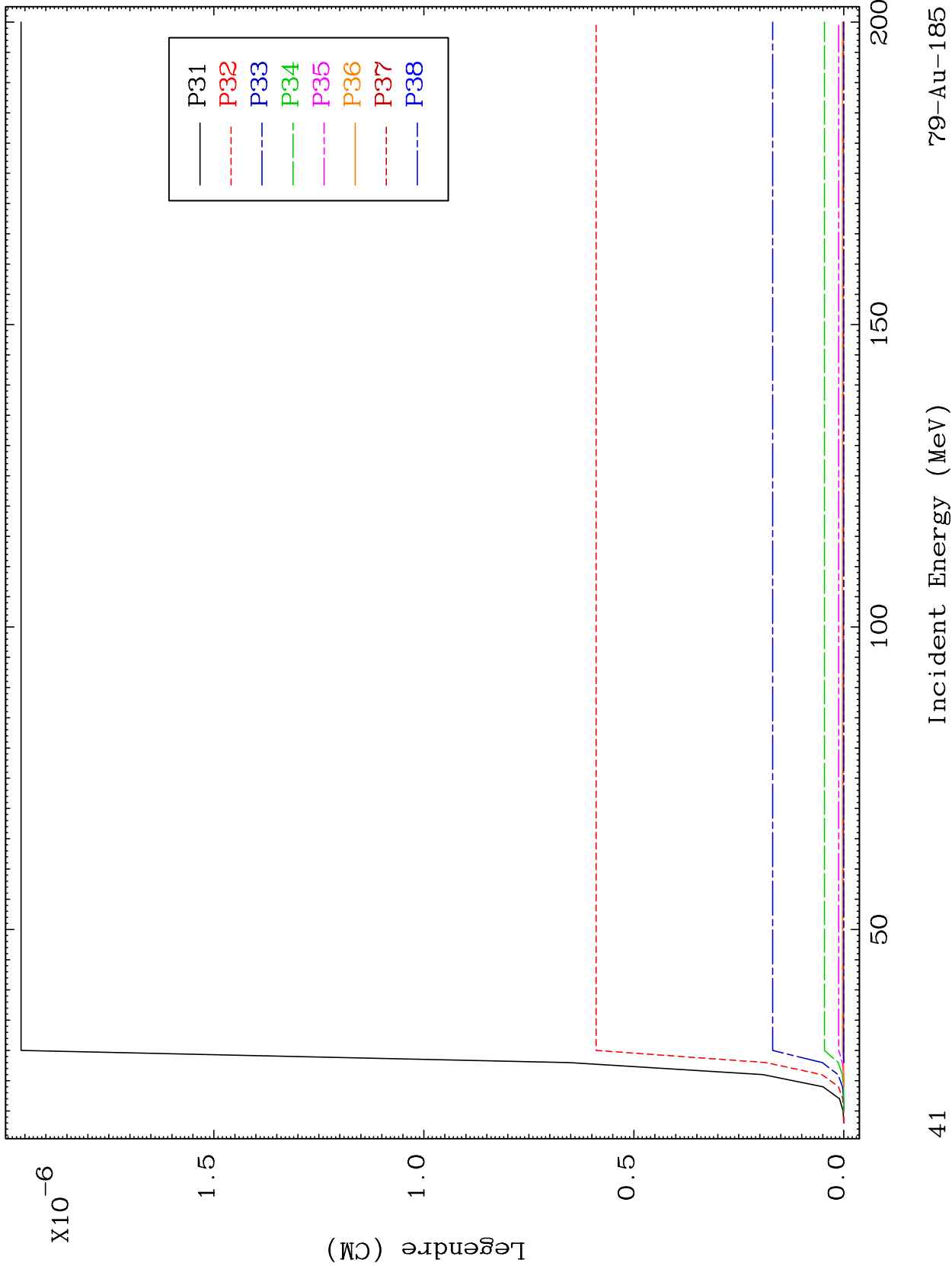
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



41

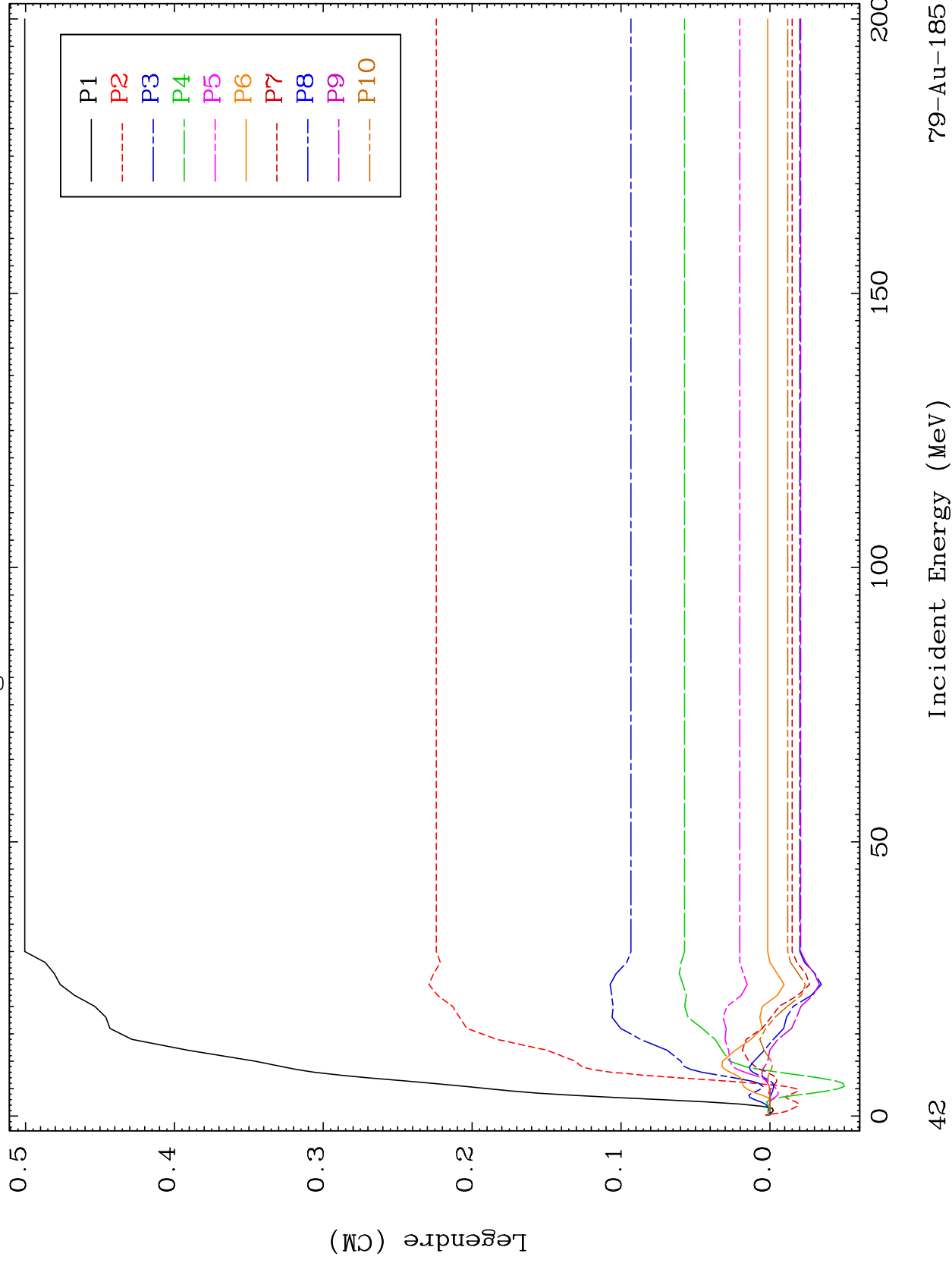
Incident Energy (MeV)

79-Au-185

MAT 7889

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

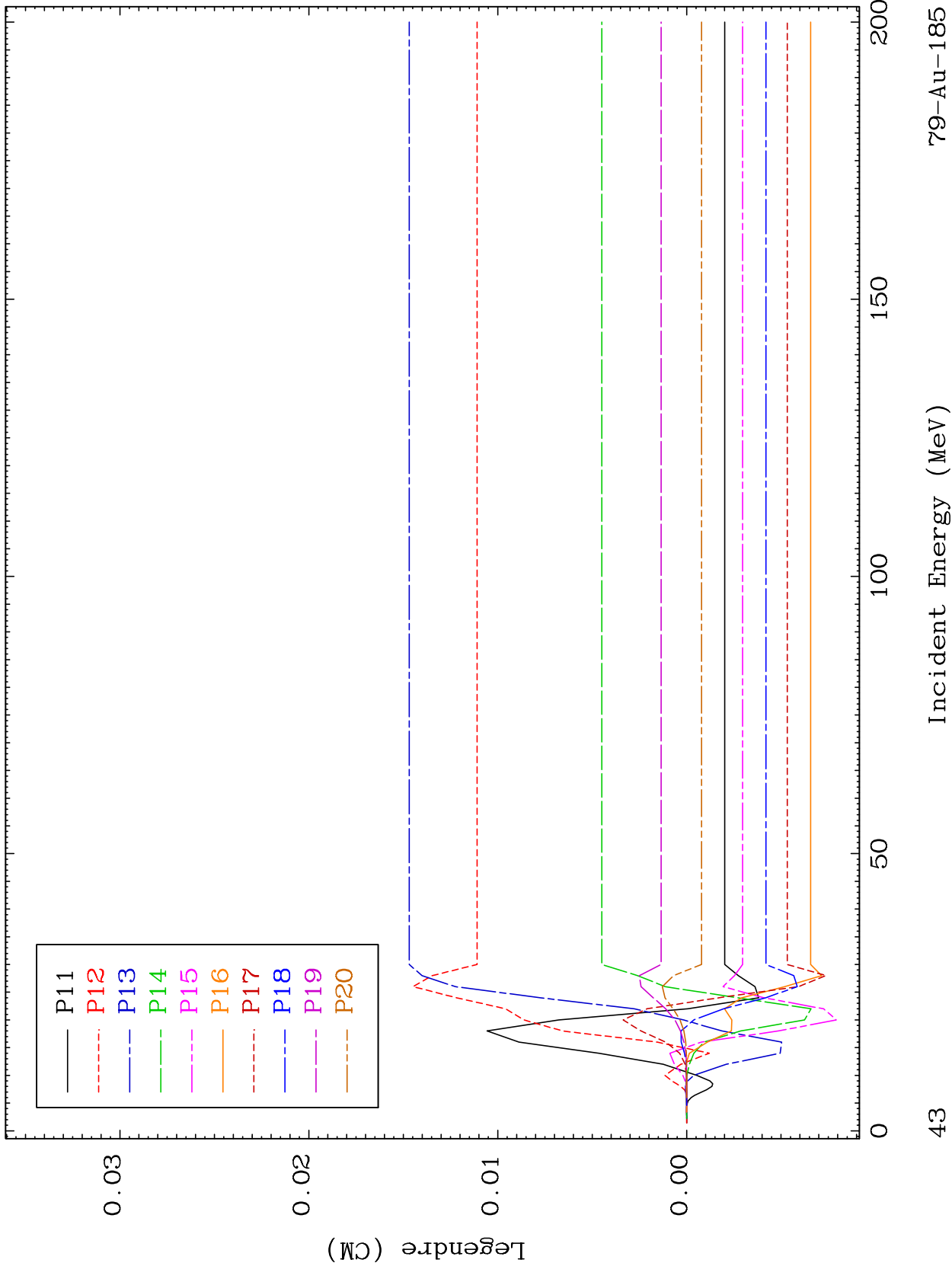
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MAT 7889

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

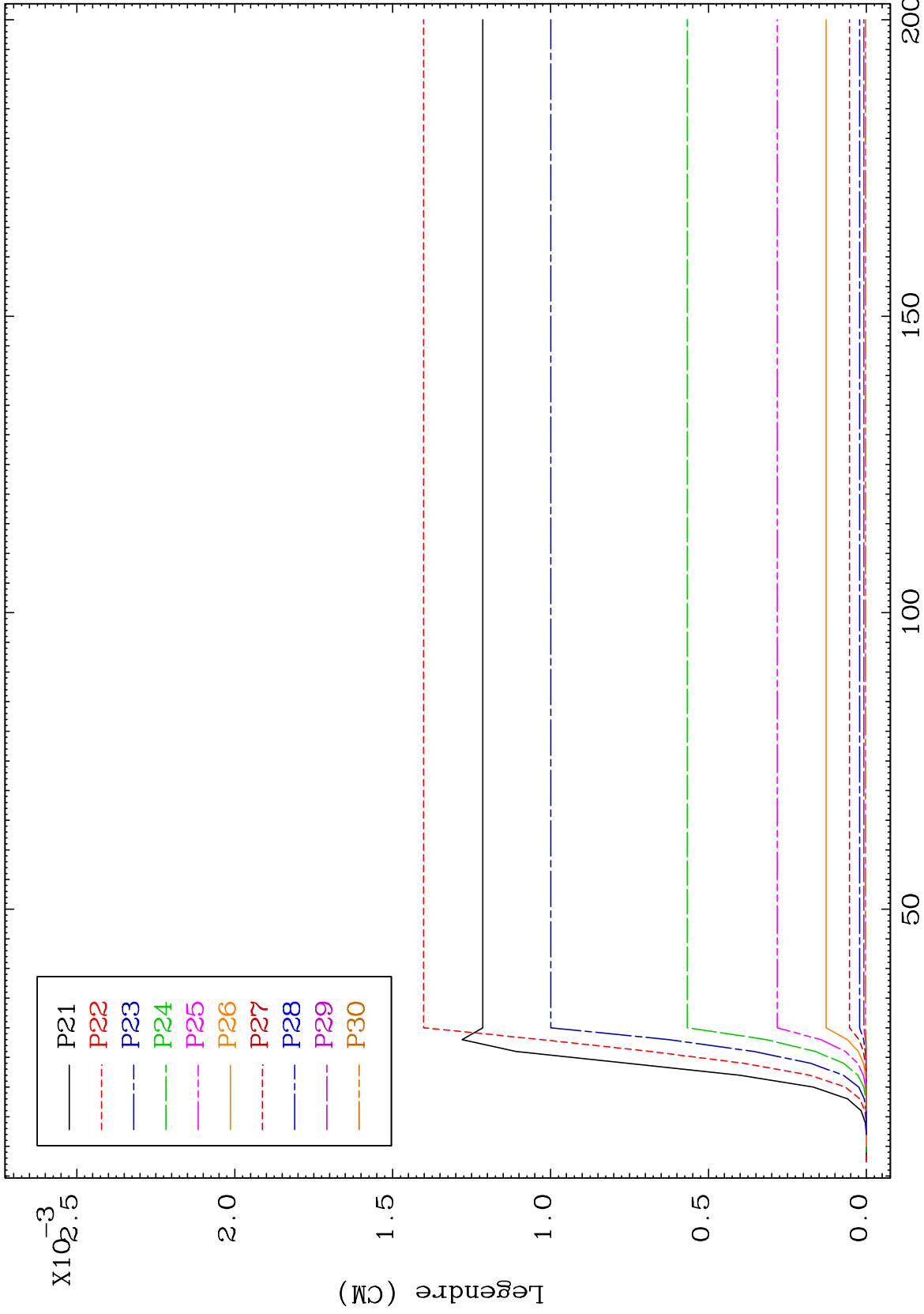
79-Au-185



MAT 7889

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

79-Au-185



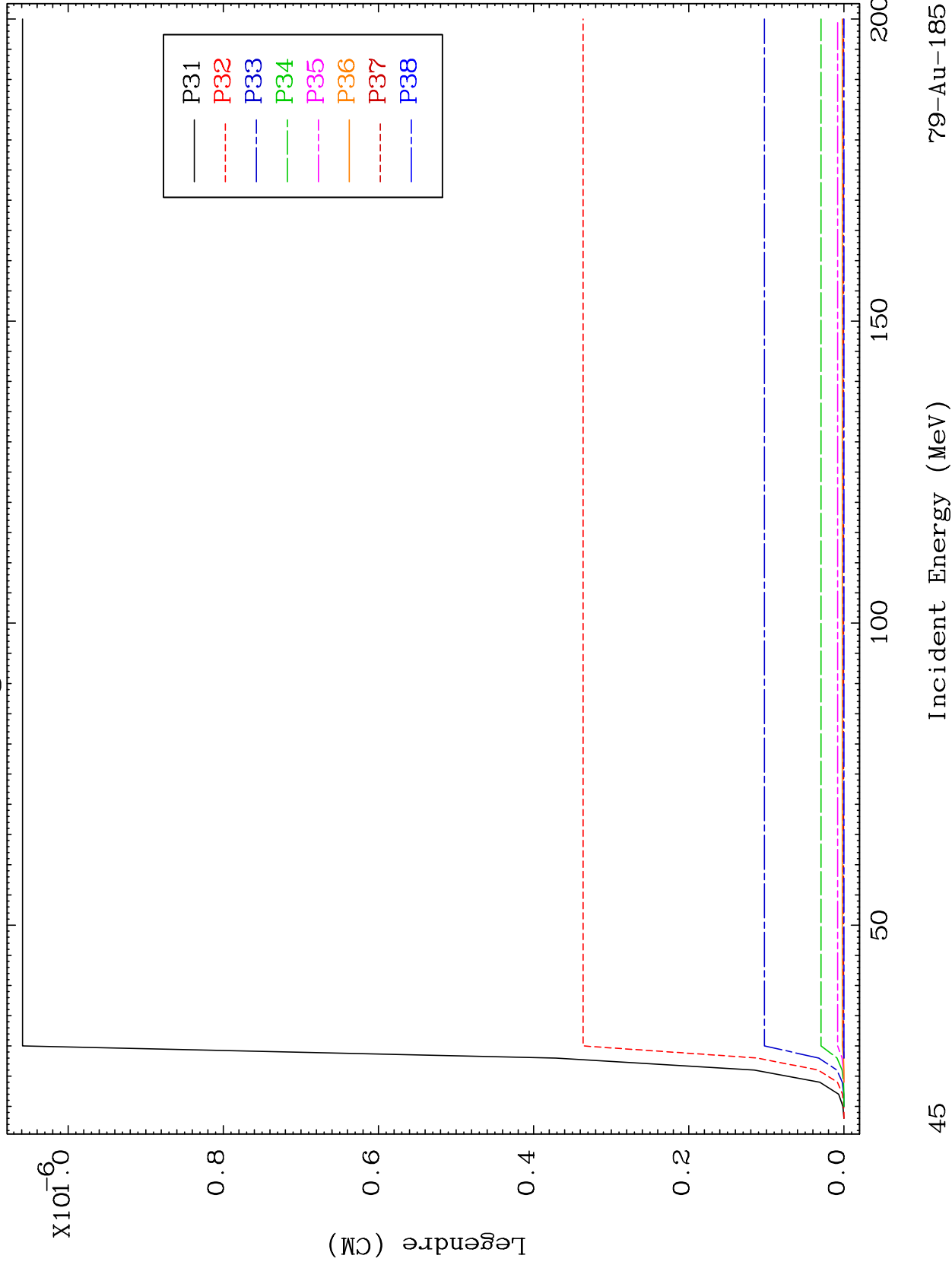
44

79-Au-185

MAT 7889

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

79-Au-185



45

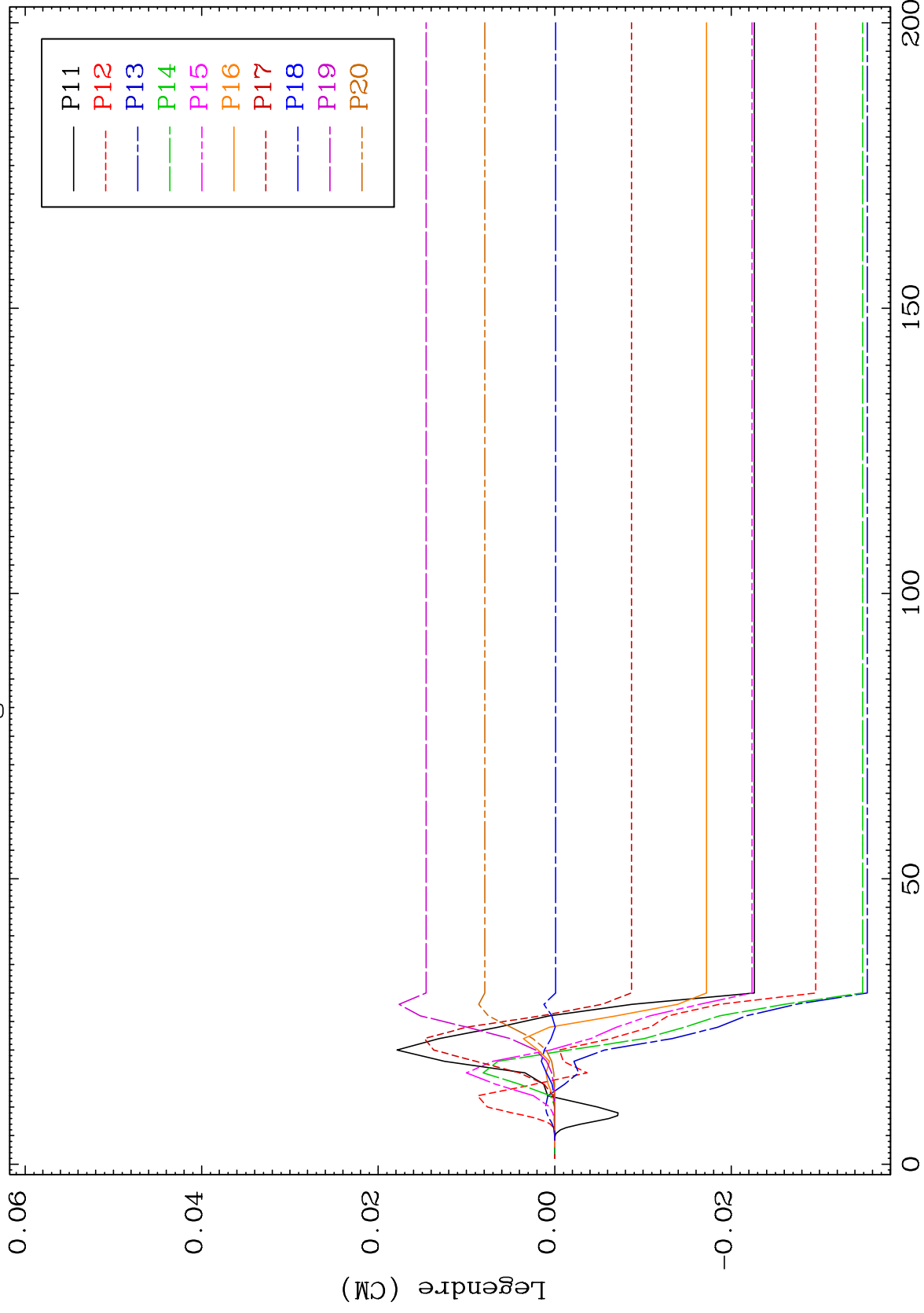
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



47

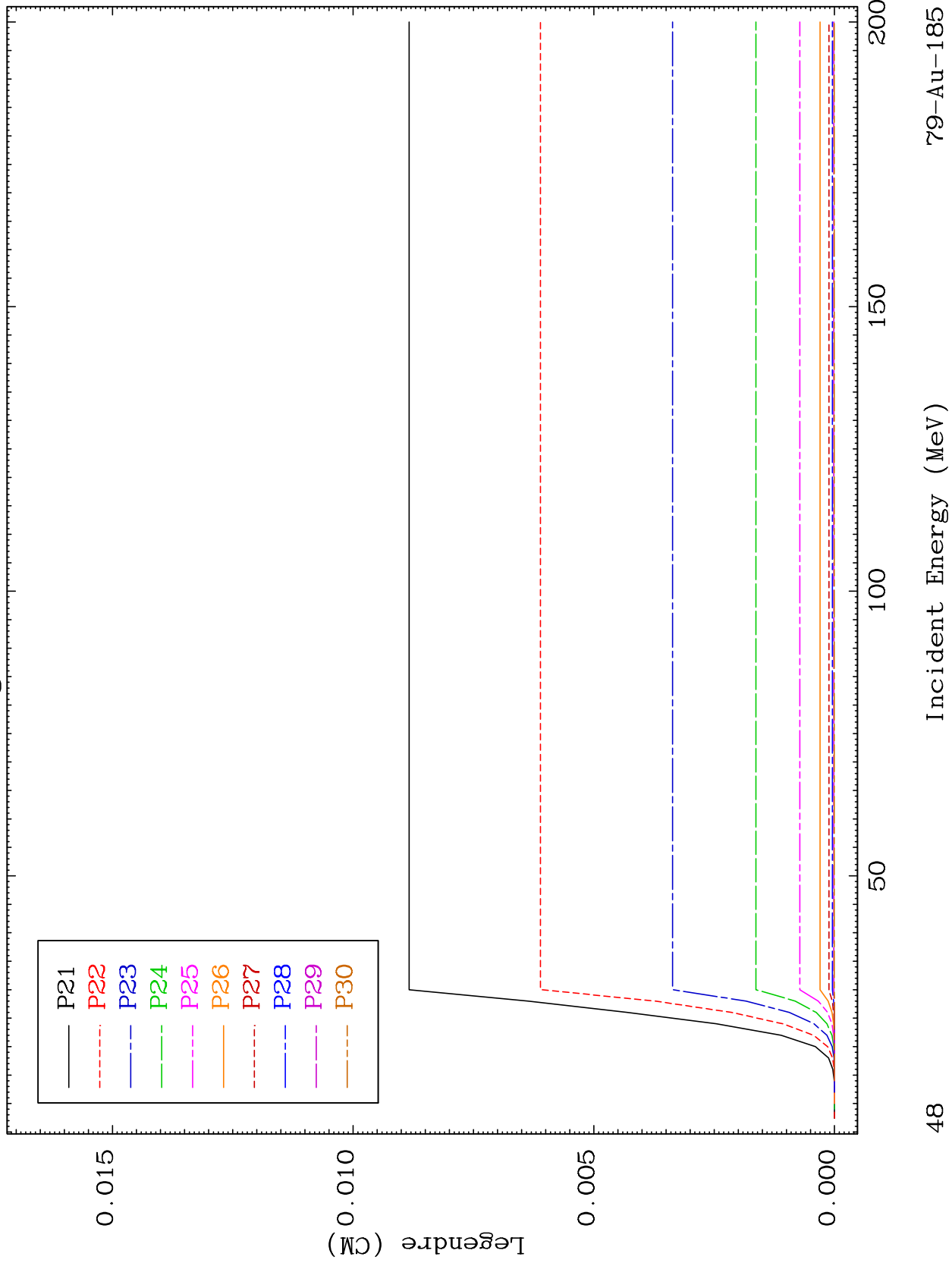
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



48

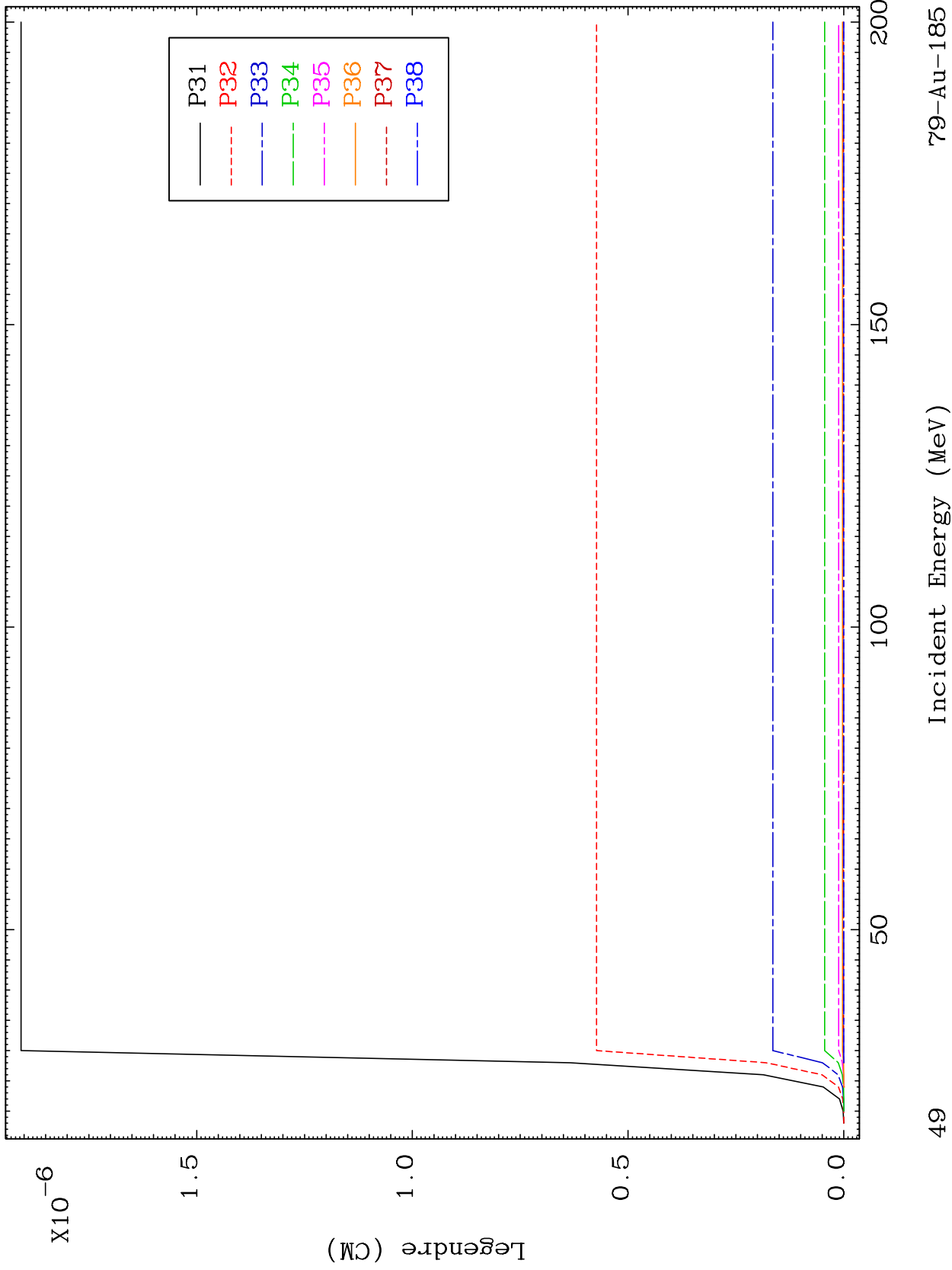
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



49

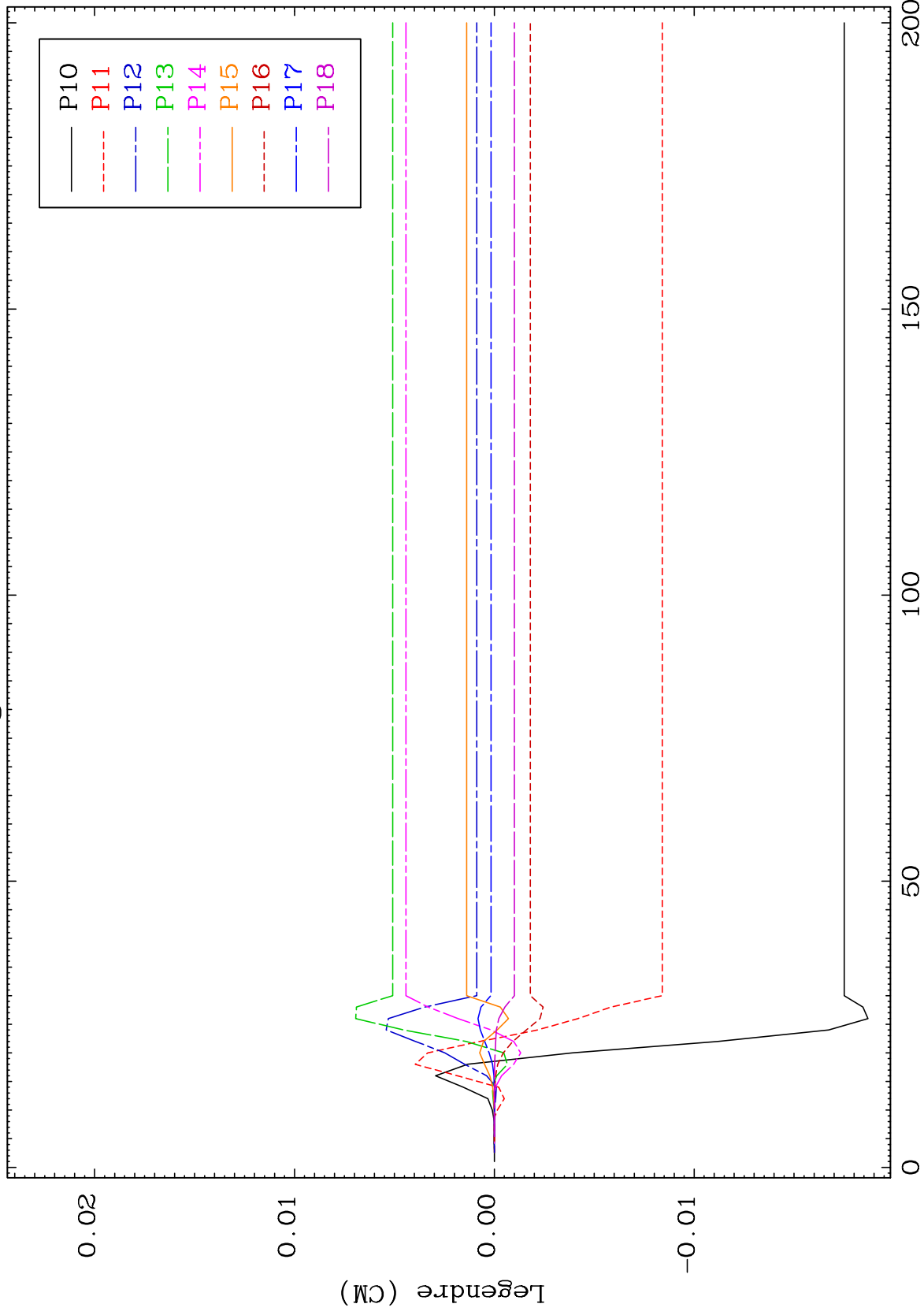
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



51

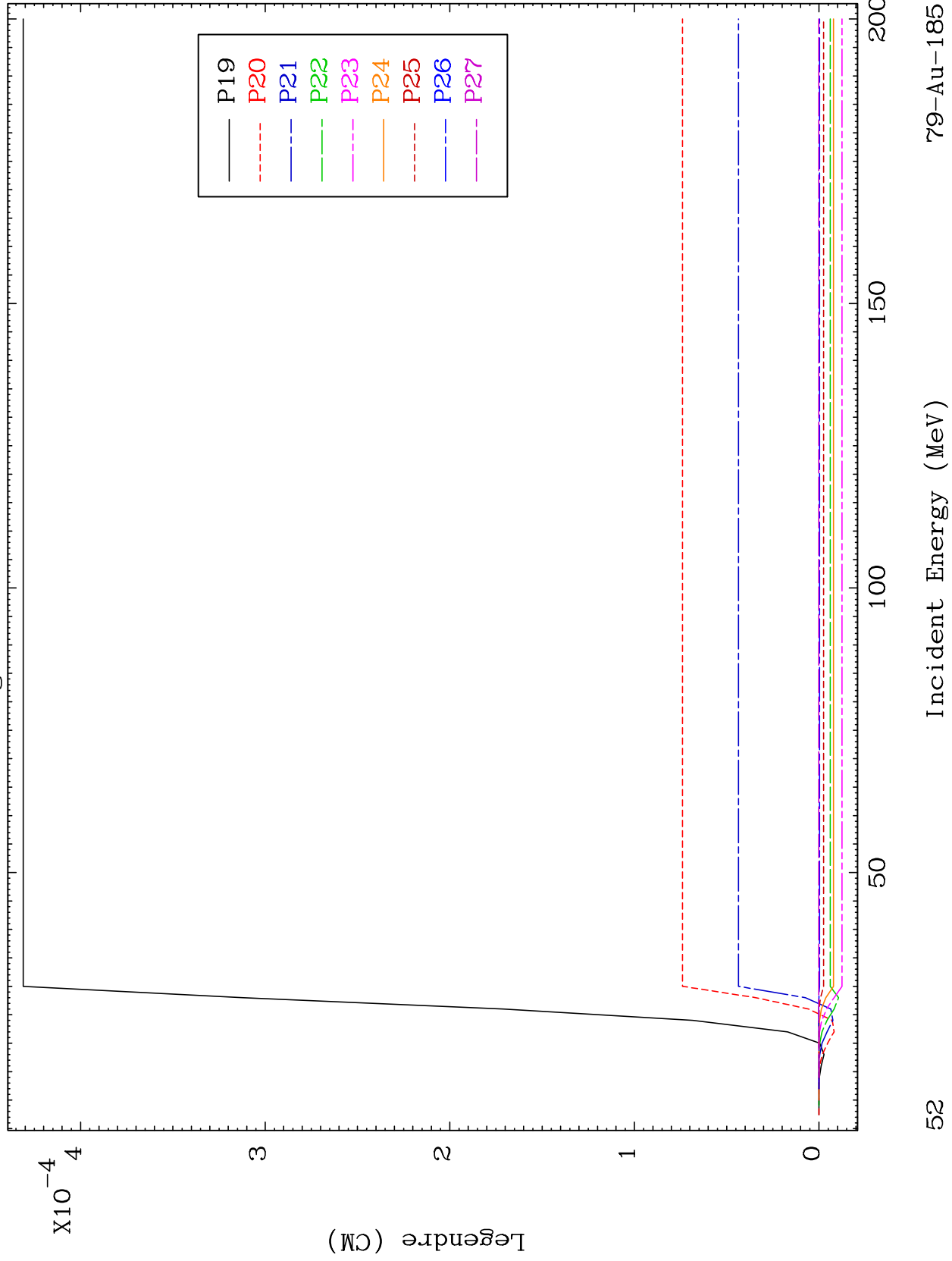
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



79-Au-185

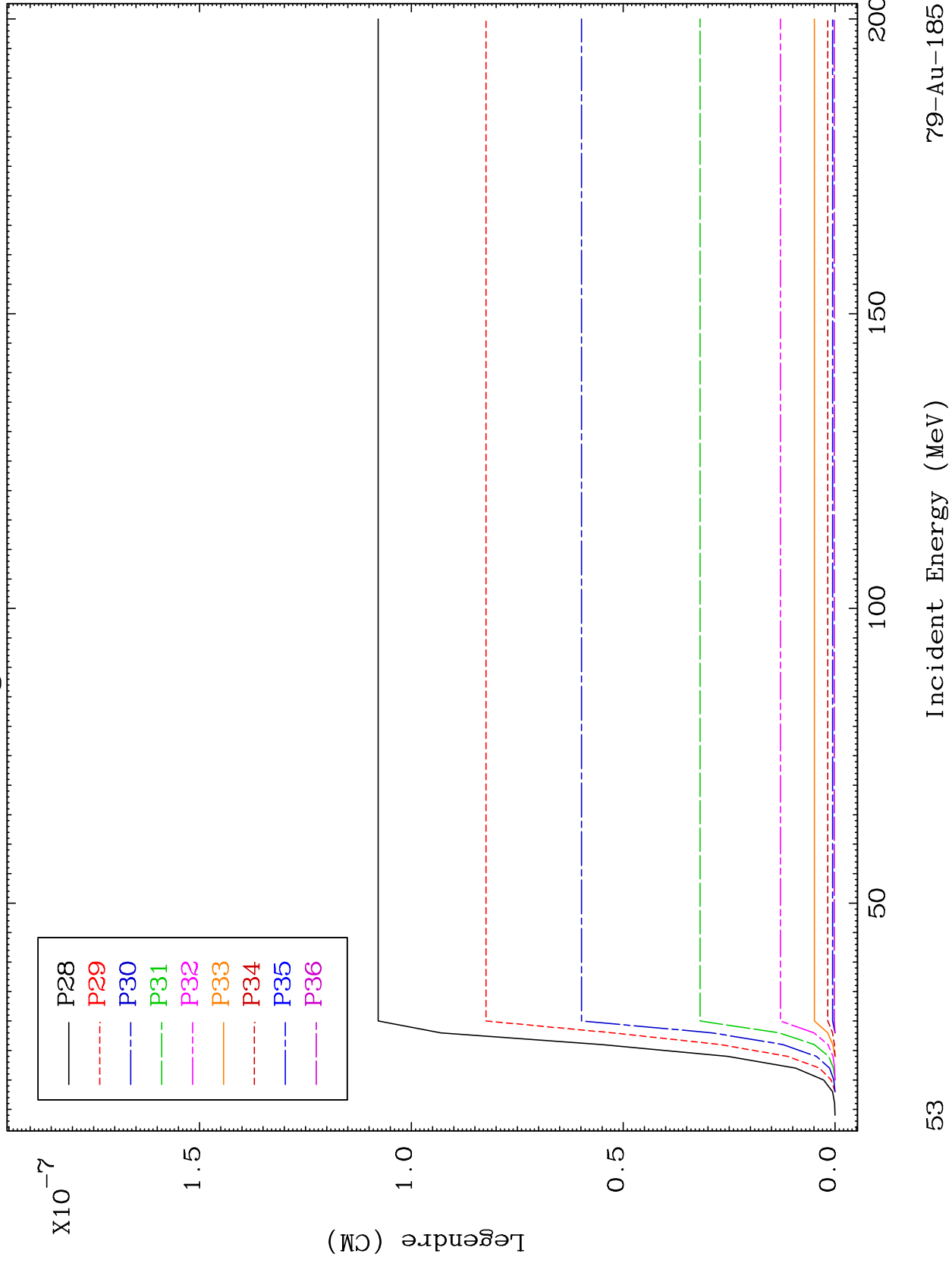
Incident Energy (MeV)

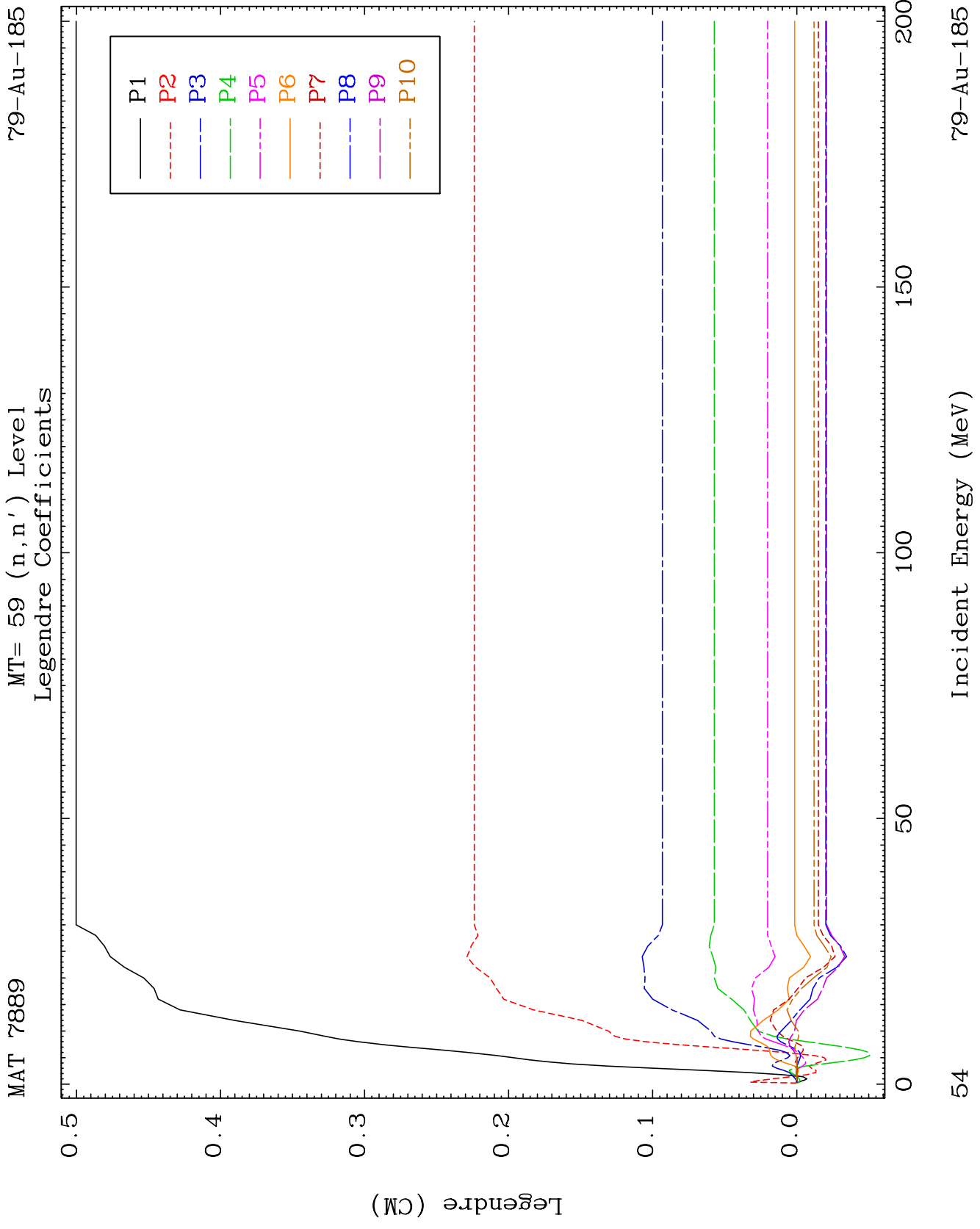
52

MAT 7889

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

79-Au-185

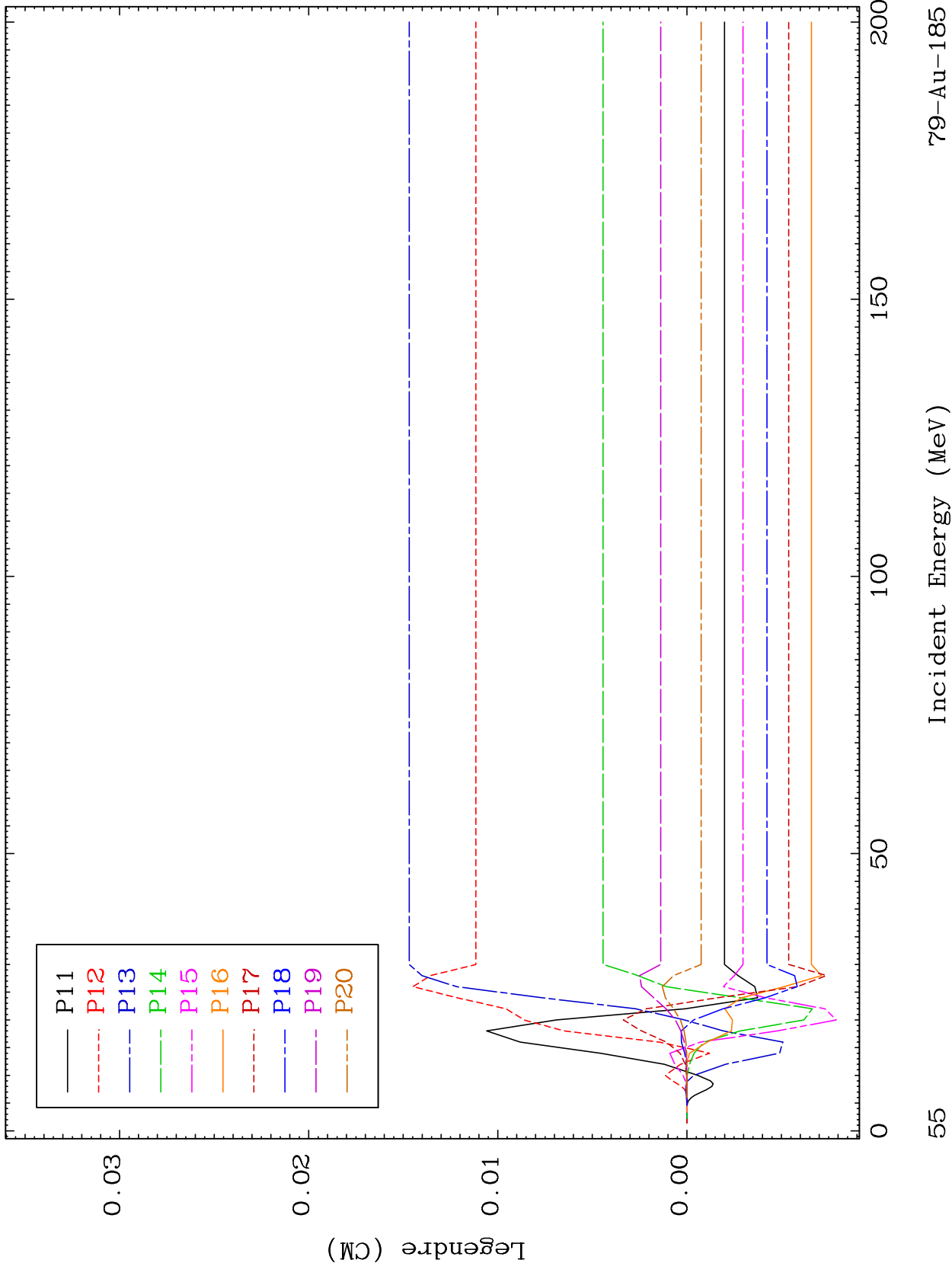




MAT 7889

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

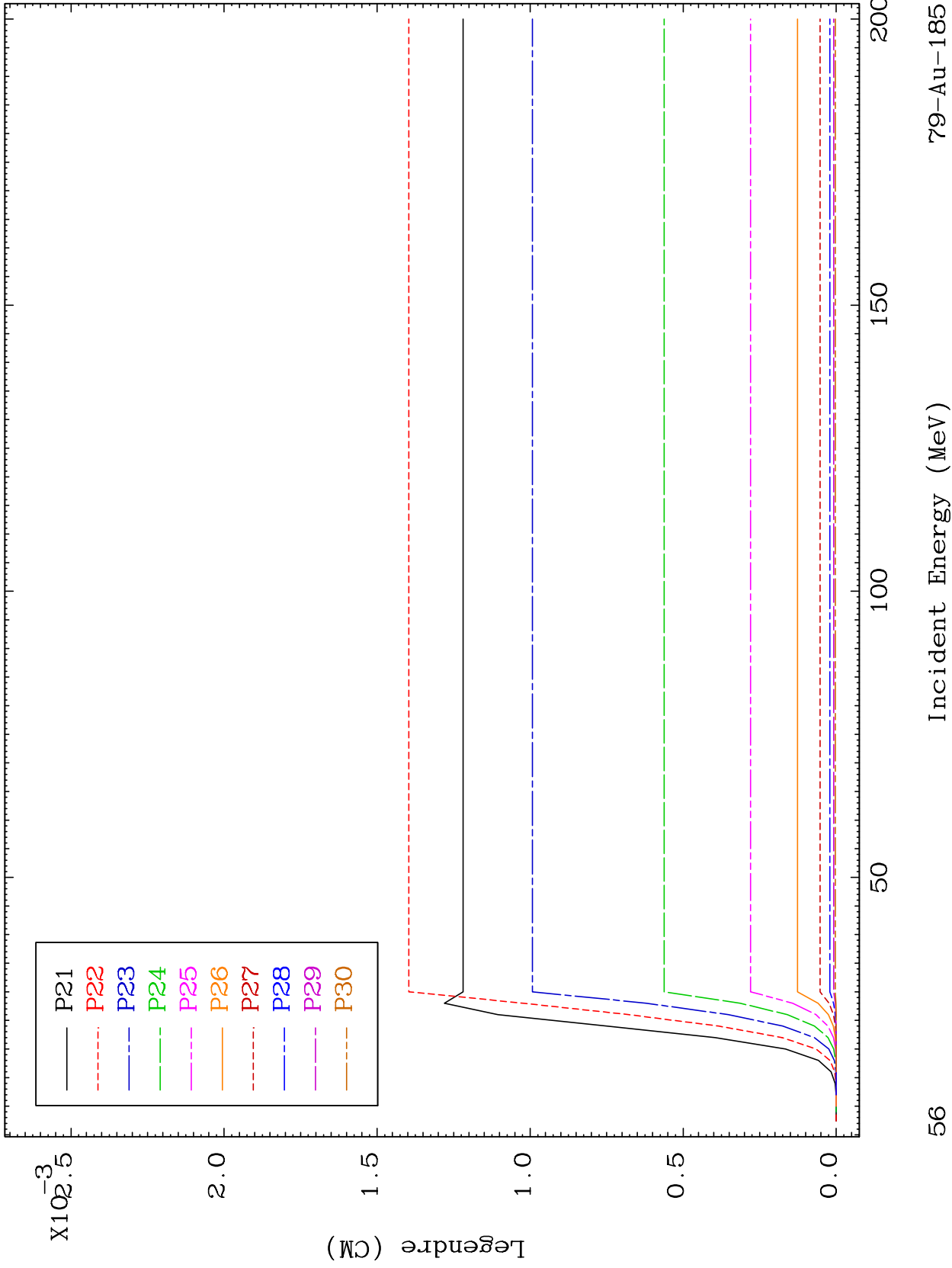
79-Au-185



79-Au-185

Incident Energy (MeV)

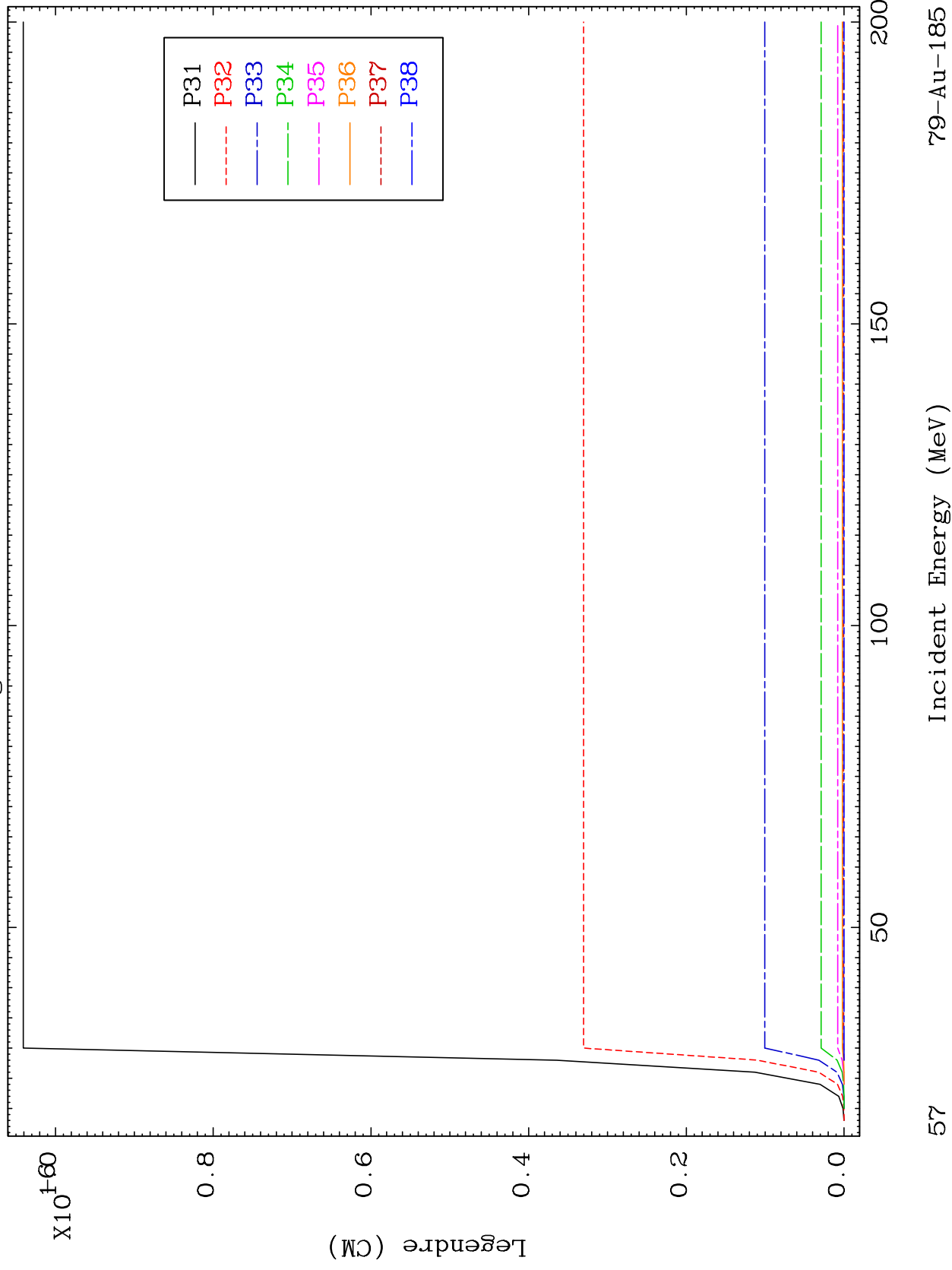
55



MAT 7889

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

79-Au-185



57

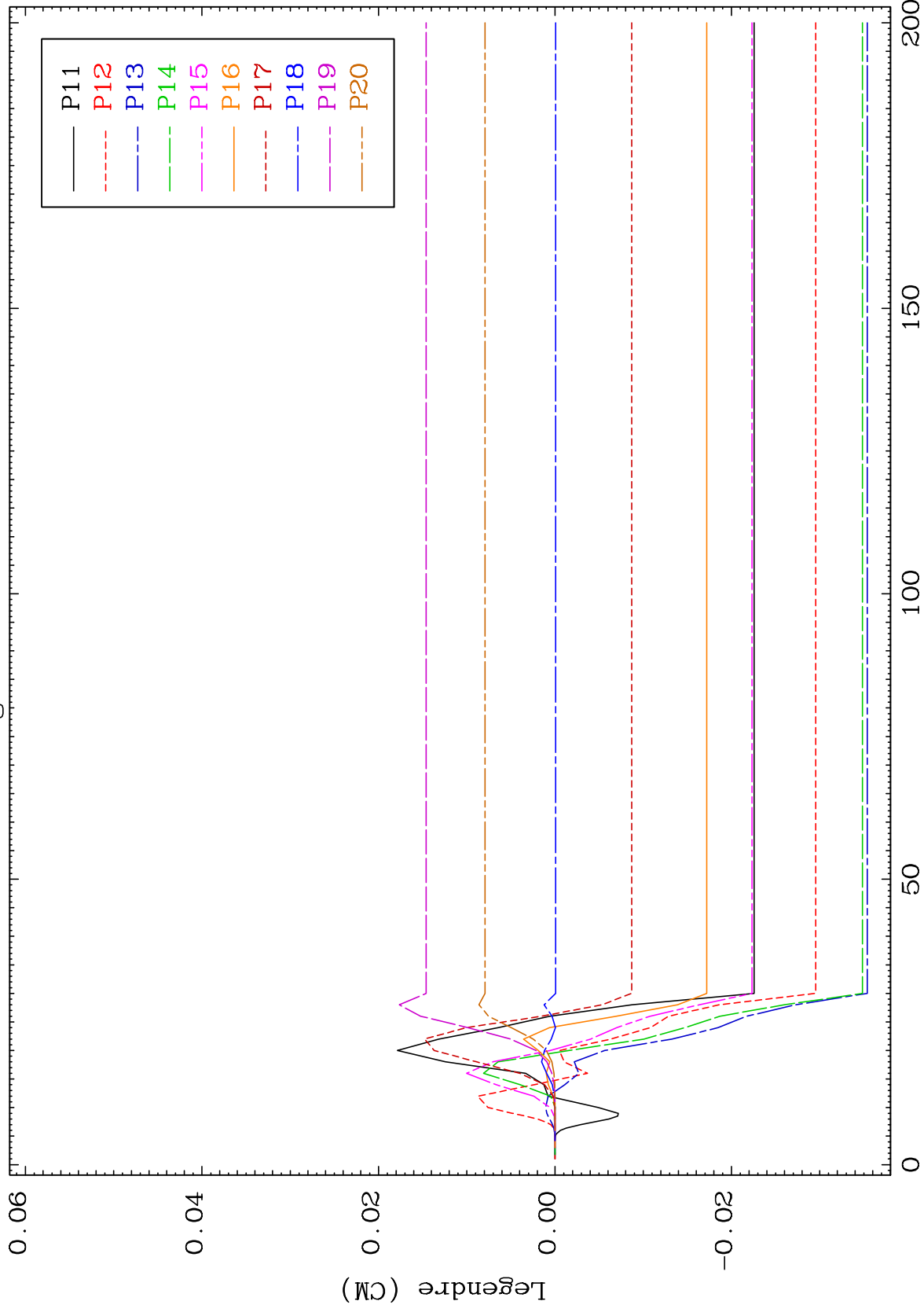
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



59

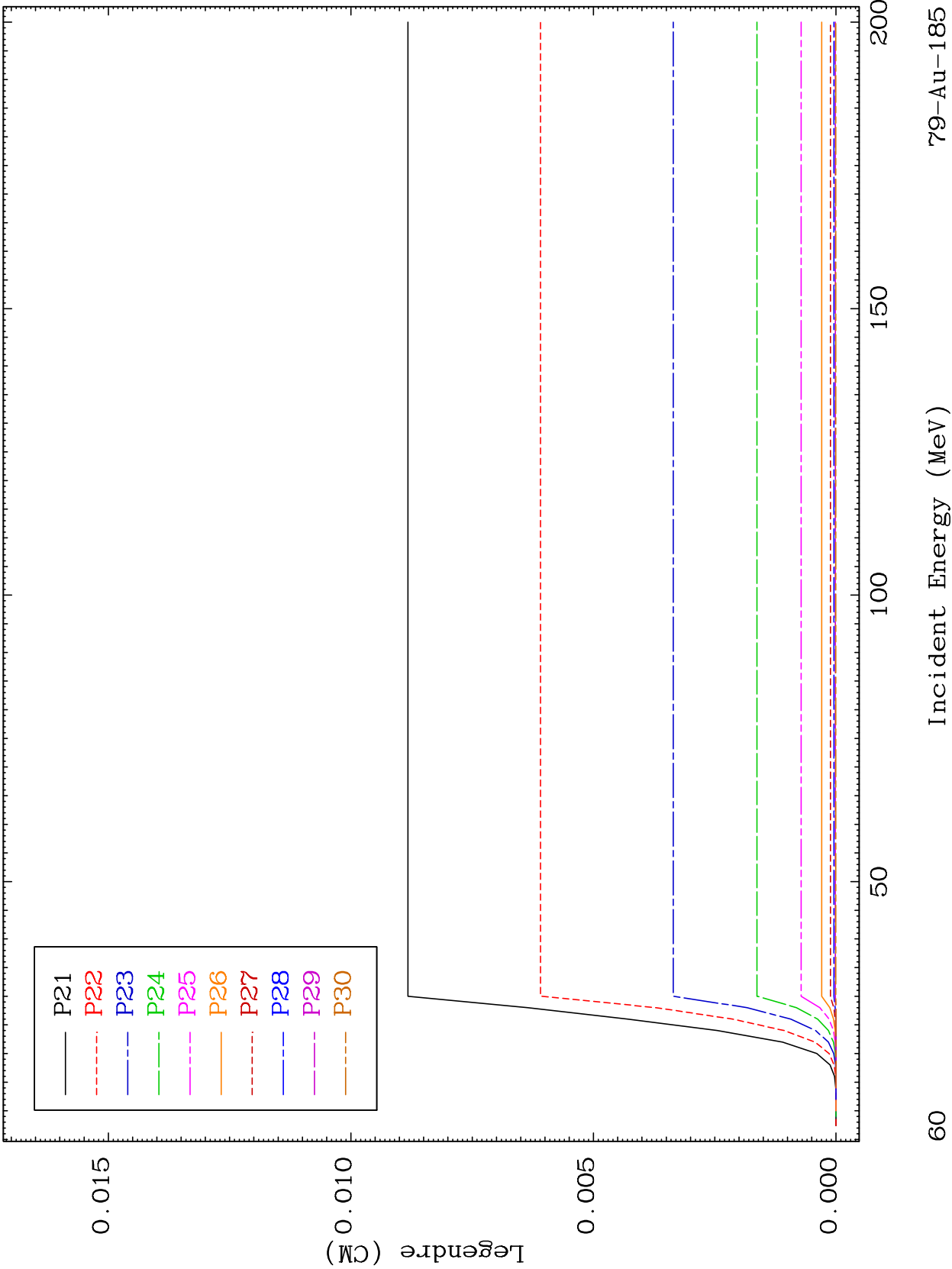
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



60

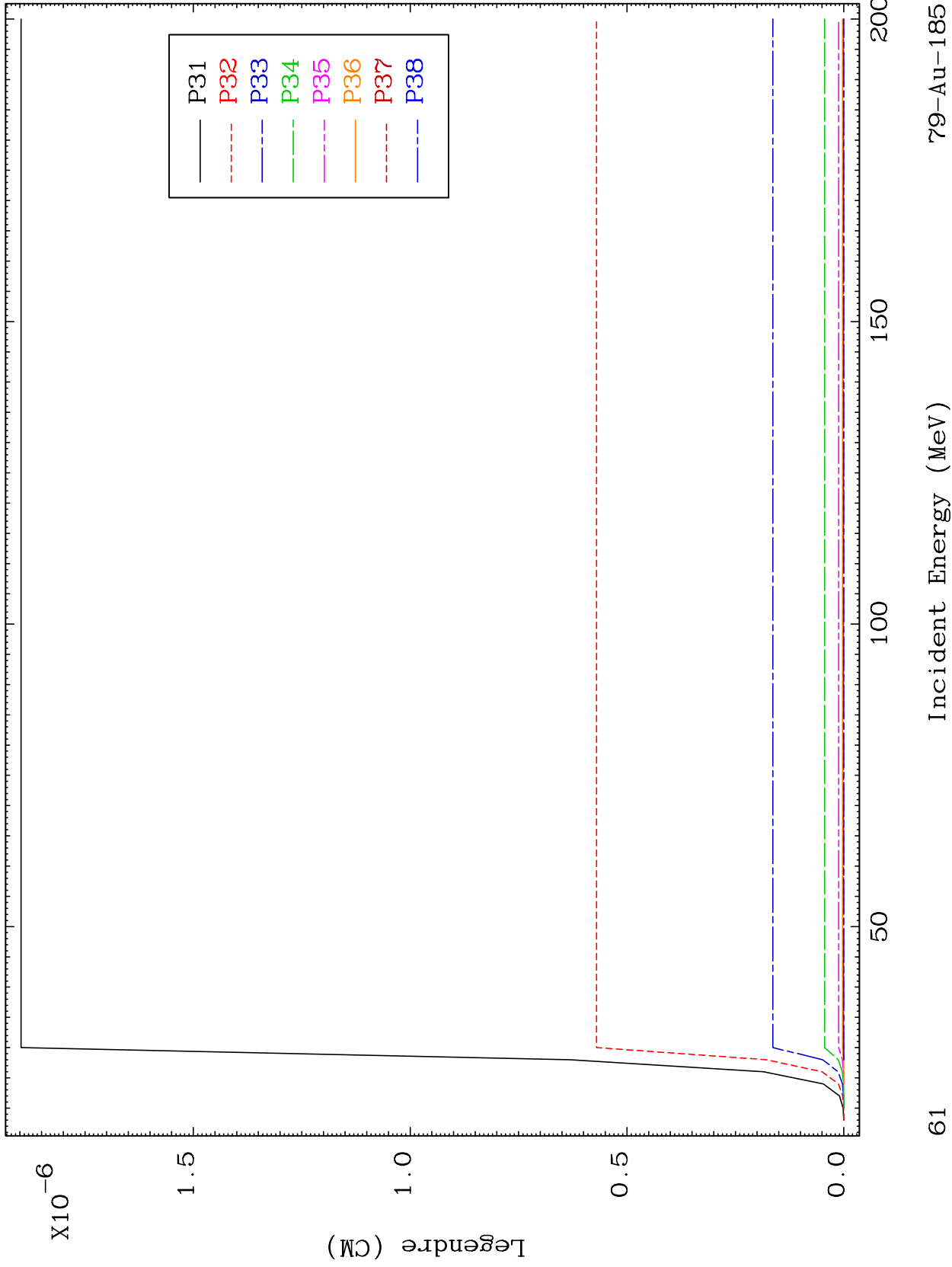
Incident Energy (MeV)

79-Au-185

MAT 7889

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

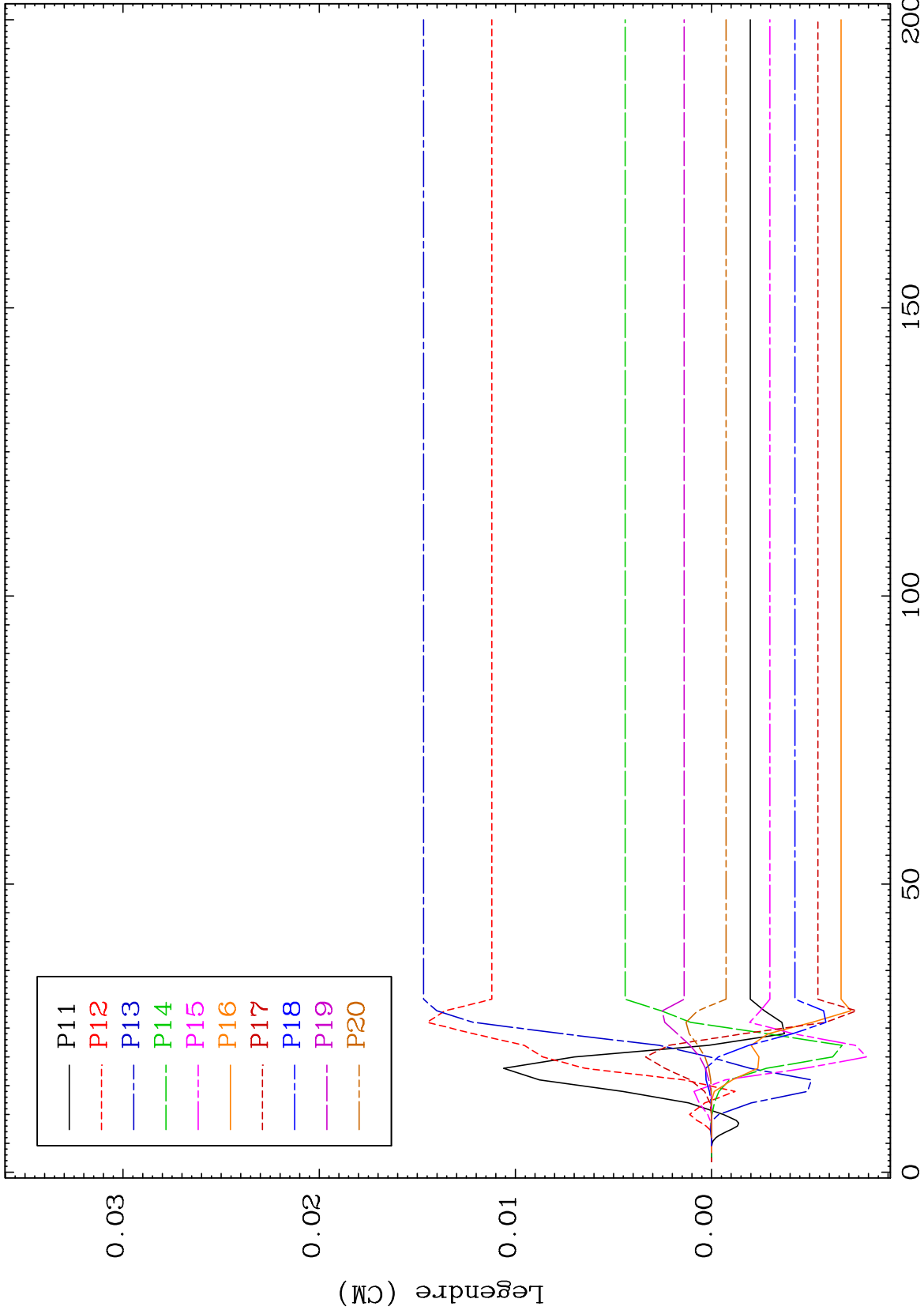
79-Au-185



MAT 7889

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

79-Au-185



63

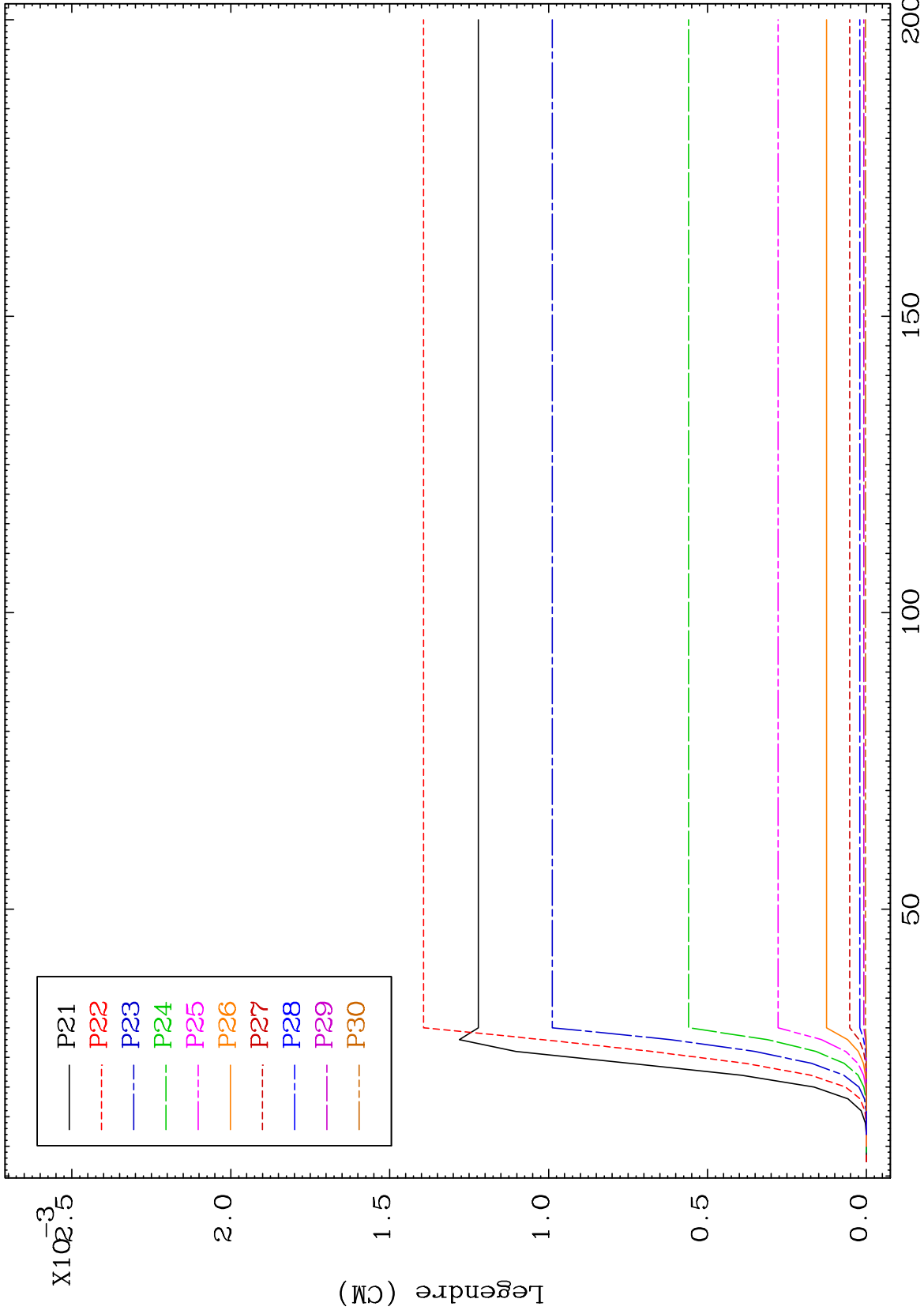
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



64

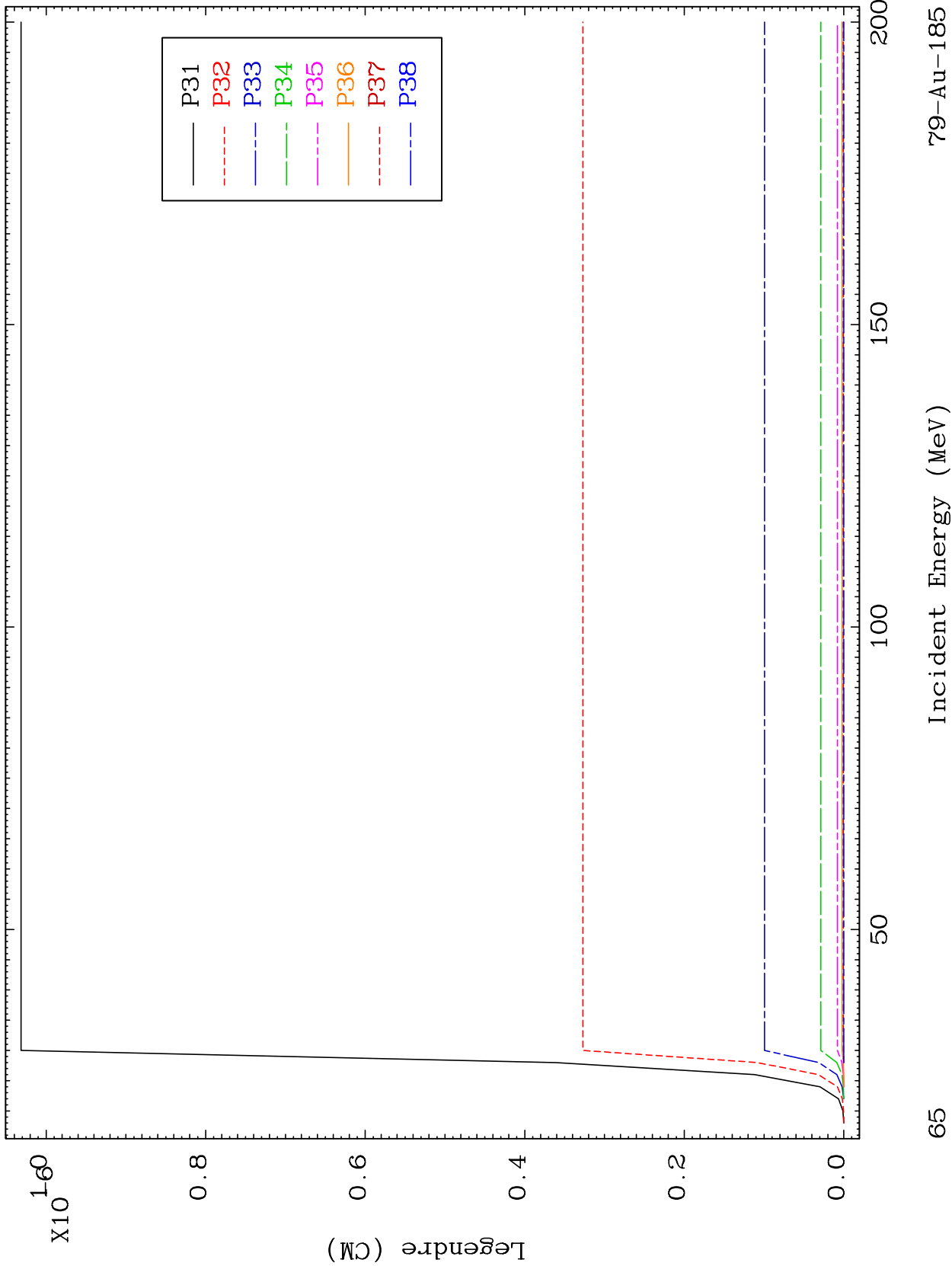
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



65

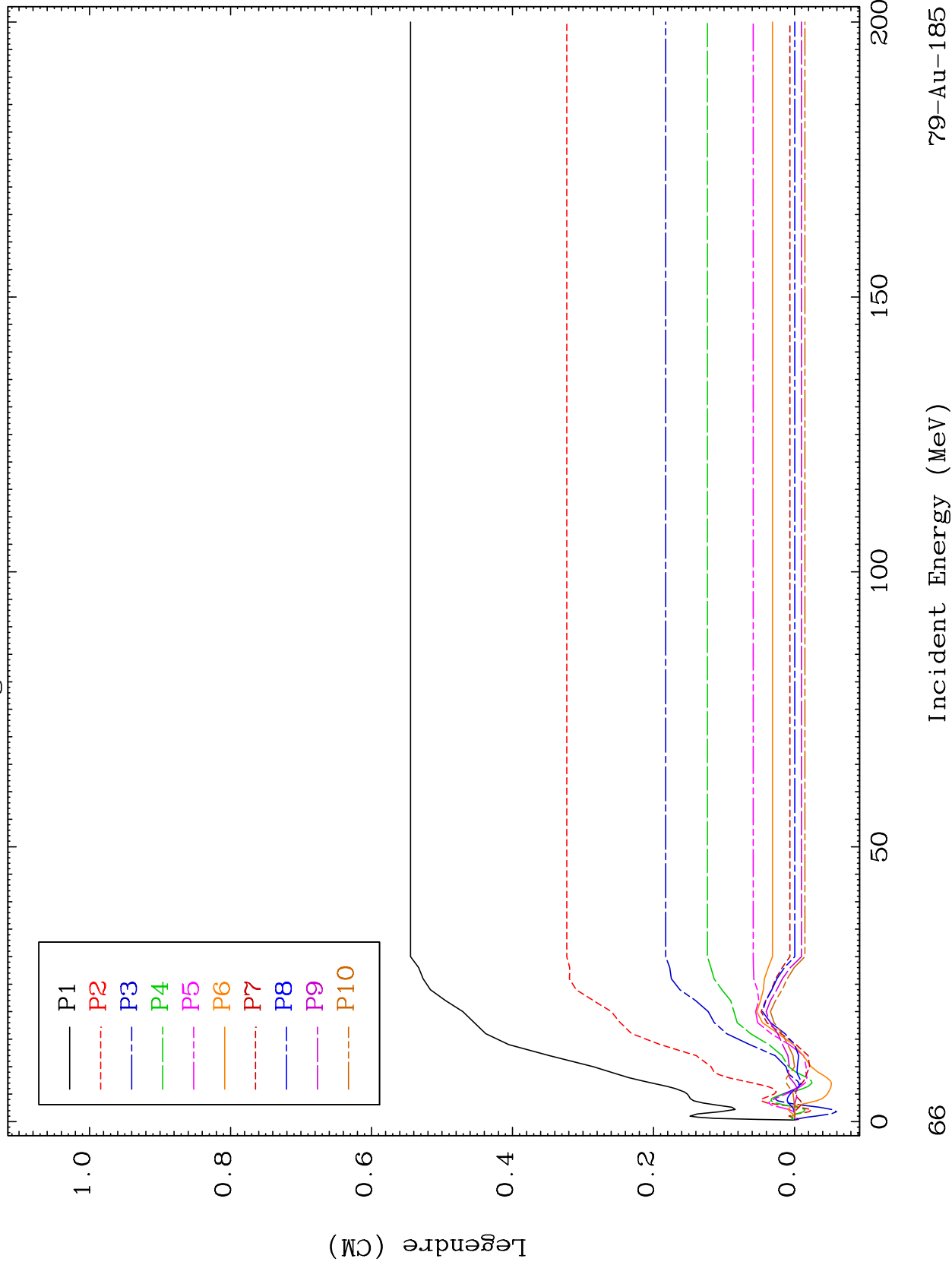
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



66

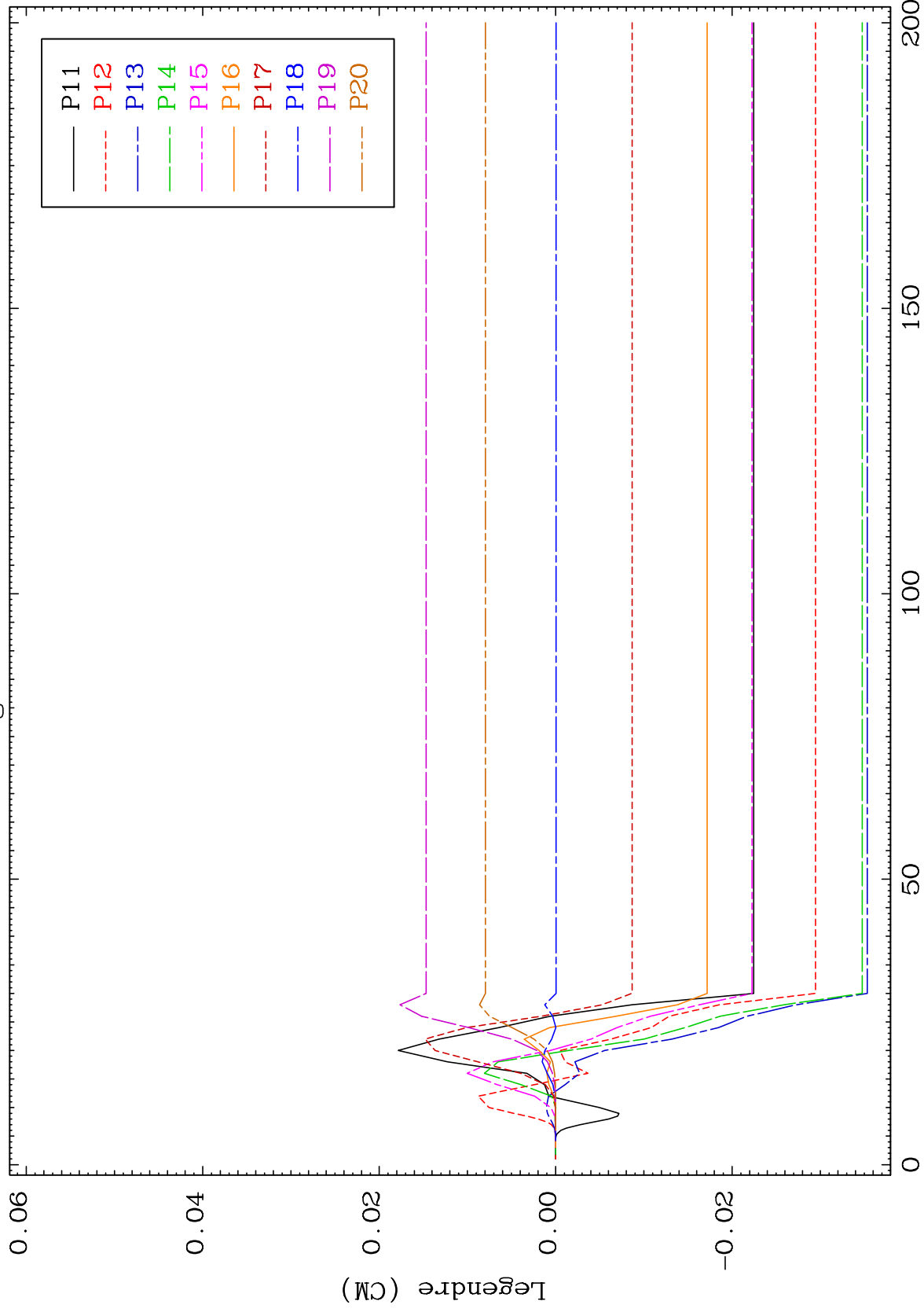
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



67

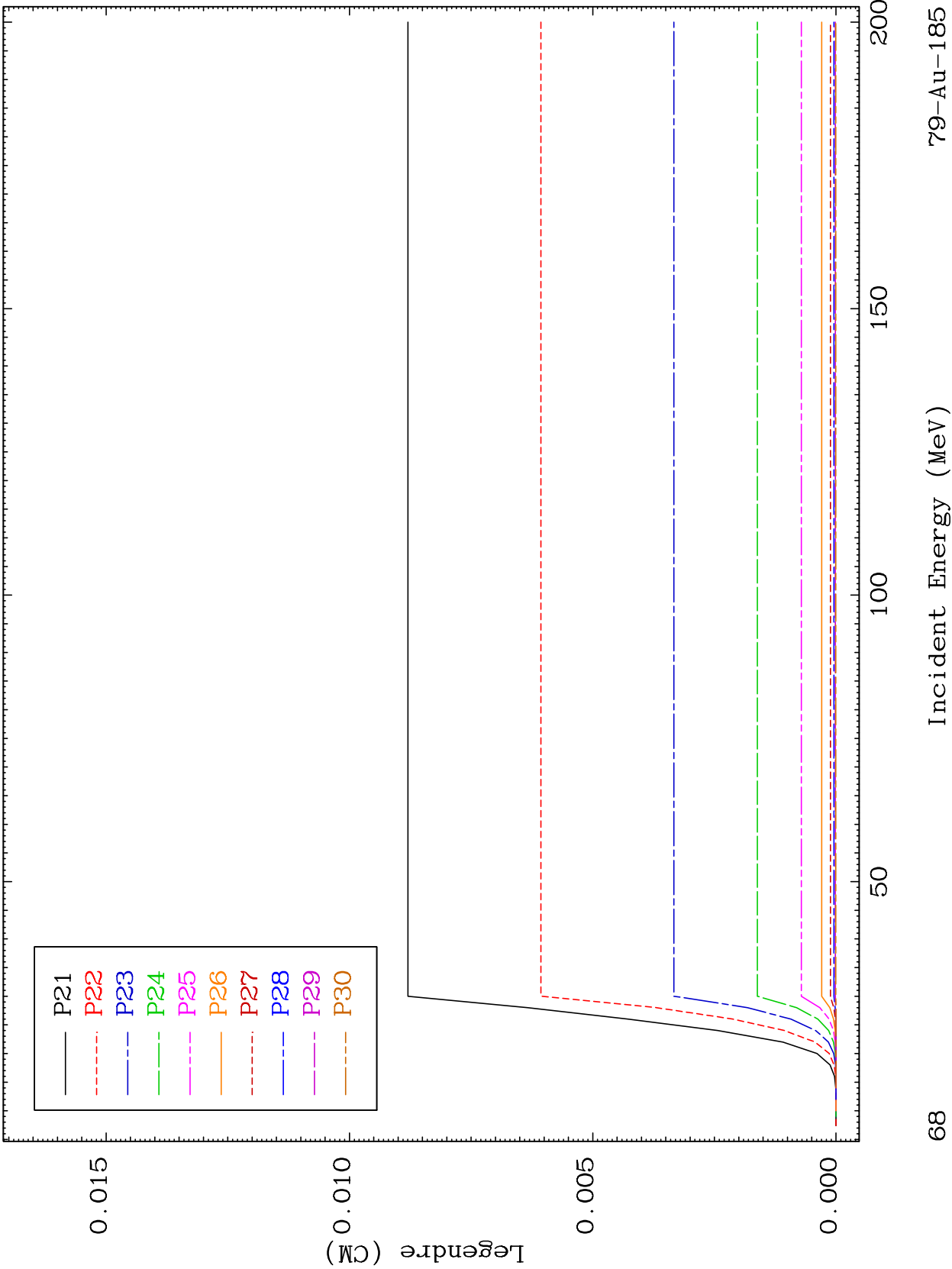
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



68

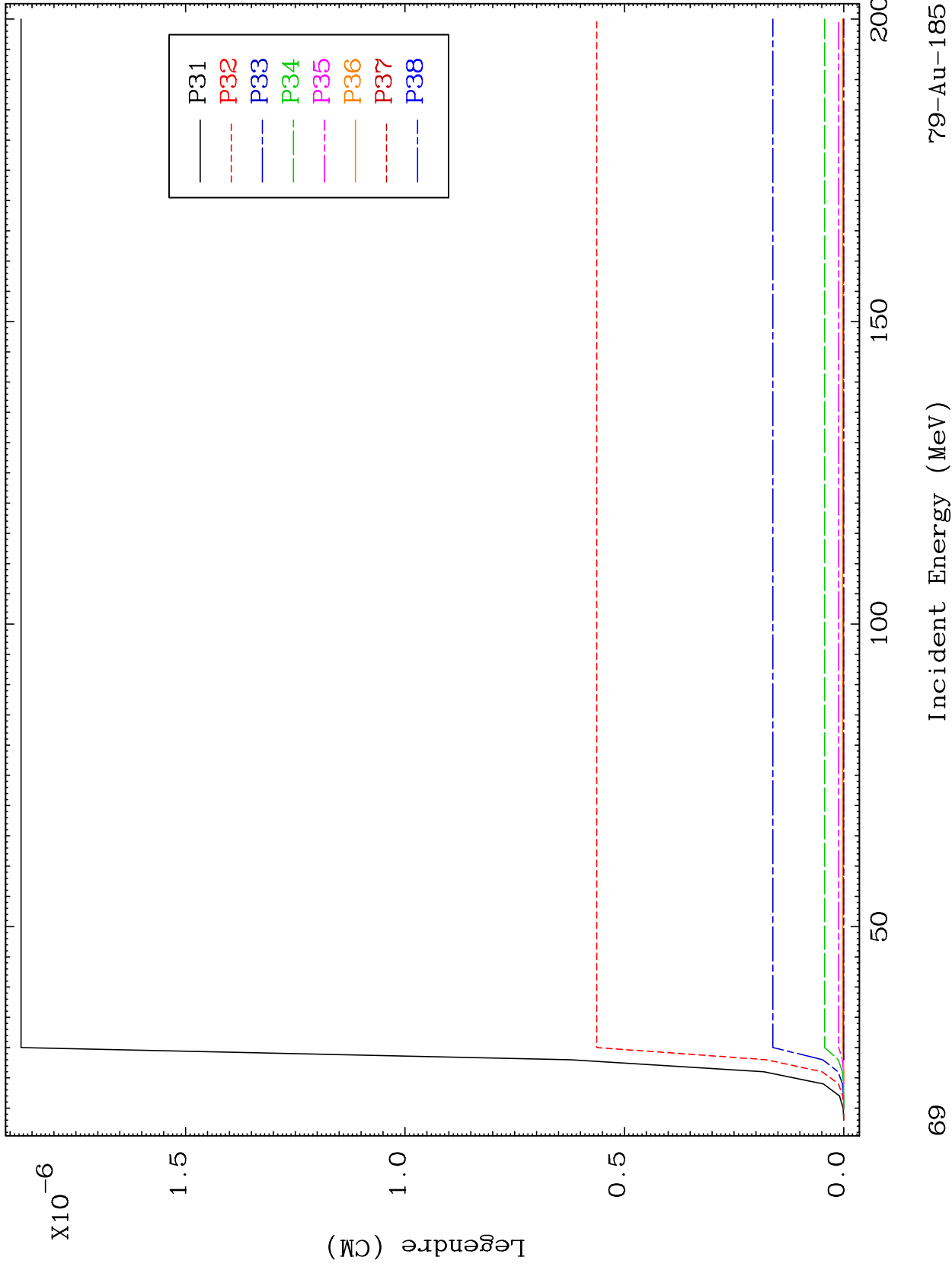
79-Au-185

Incident Energy (MeV)

MAT 7889

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

79-Au-185



69

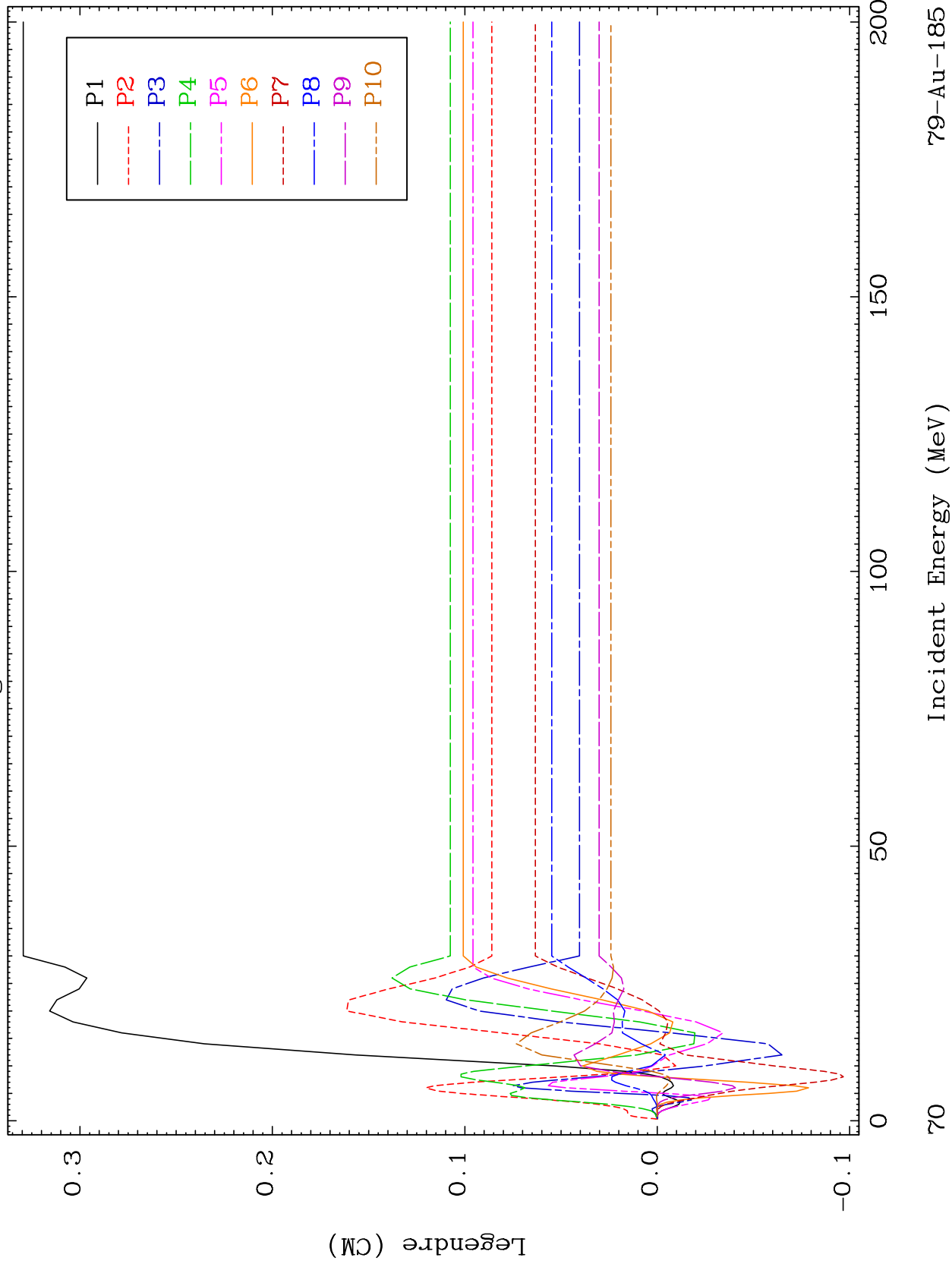
Incident Energy (MeV)

79-Au-185

MAT 7889

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

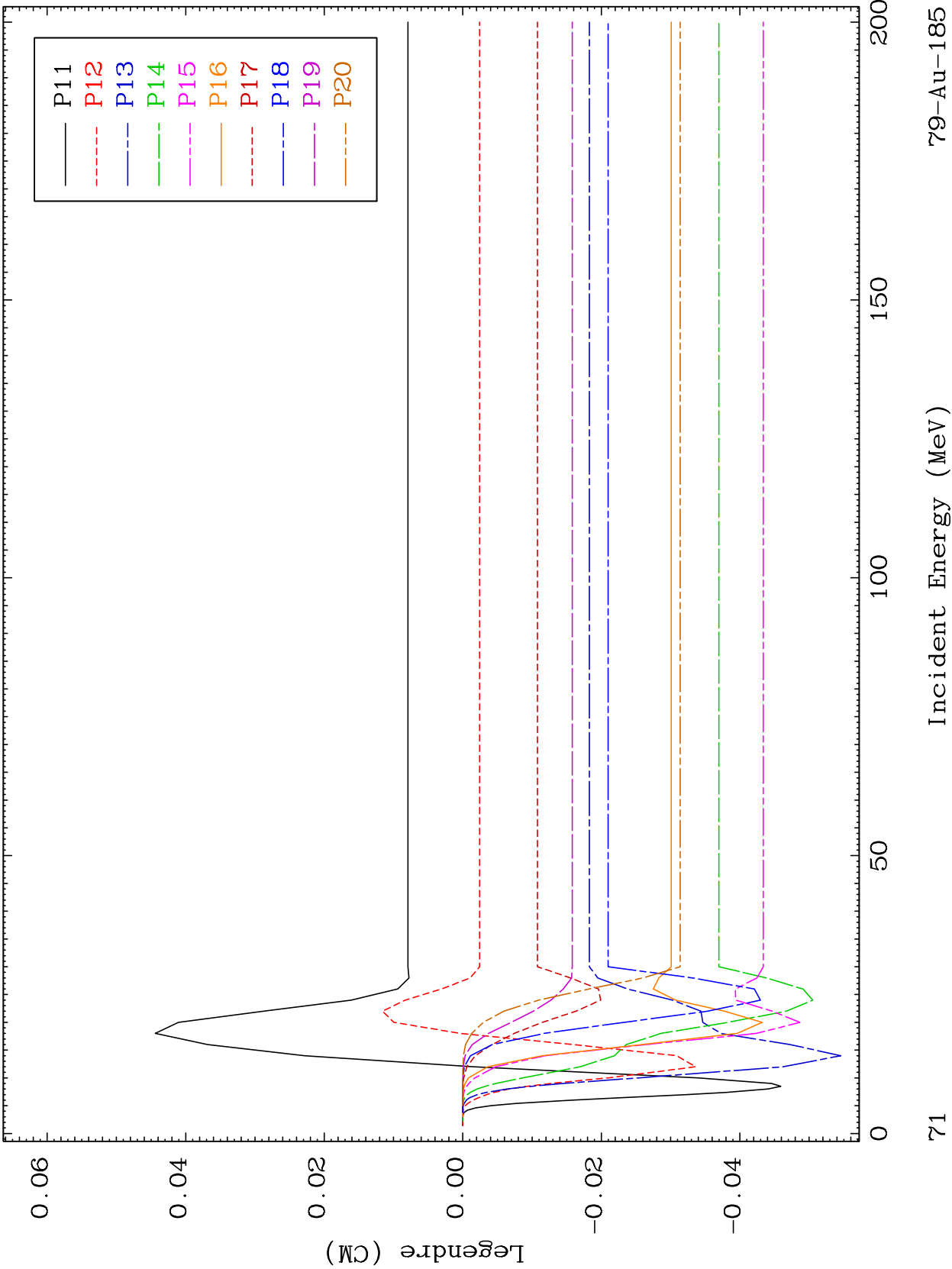
79-Au-185



MAT 7889

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

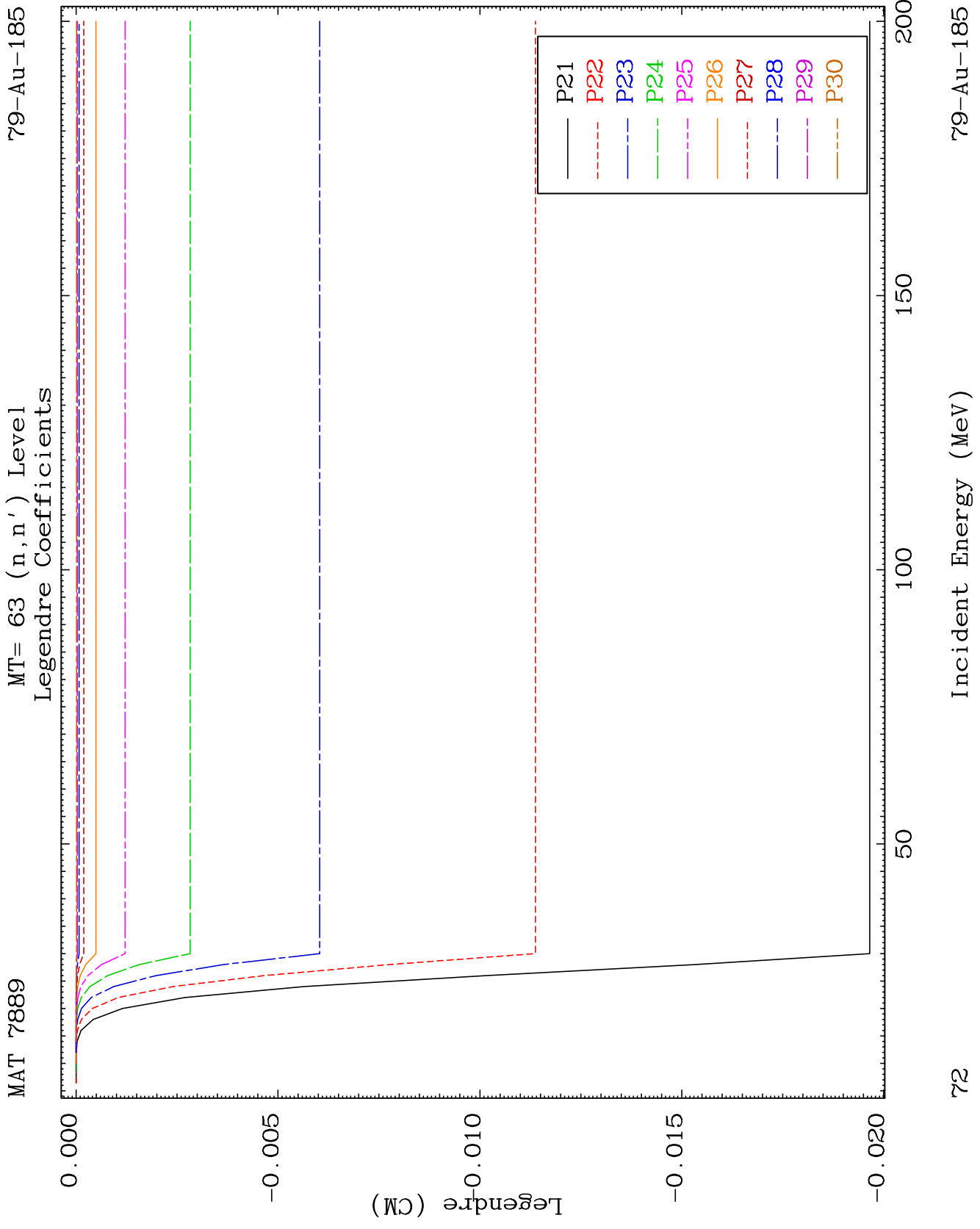
79-Au-185

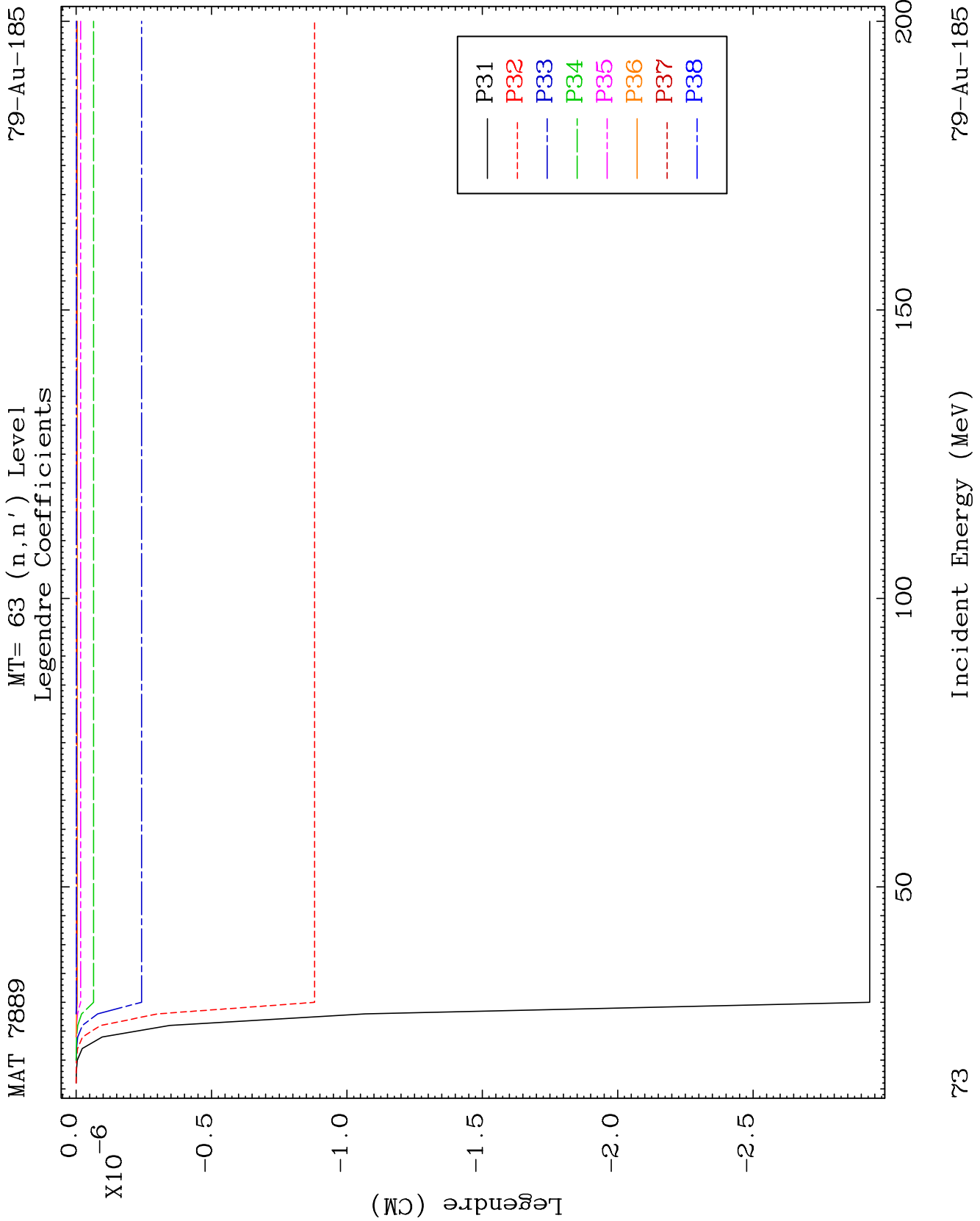


71

Incident Energy (MeV)

79-Au-185

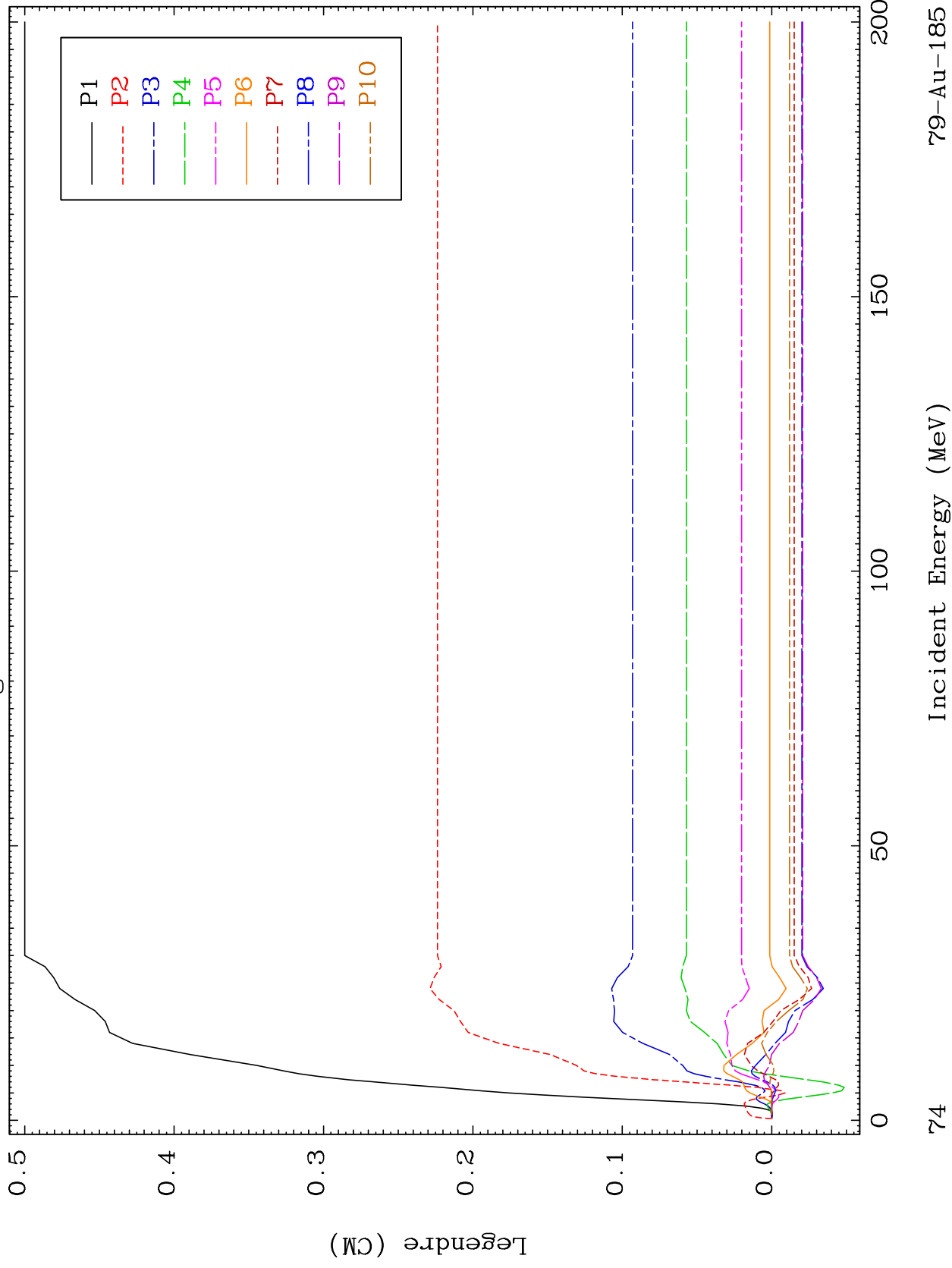




MAT 7889

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

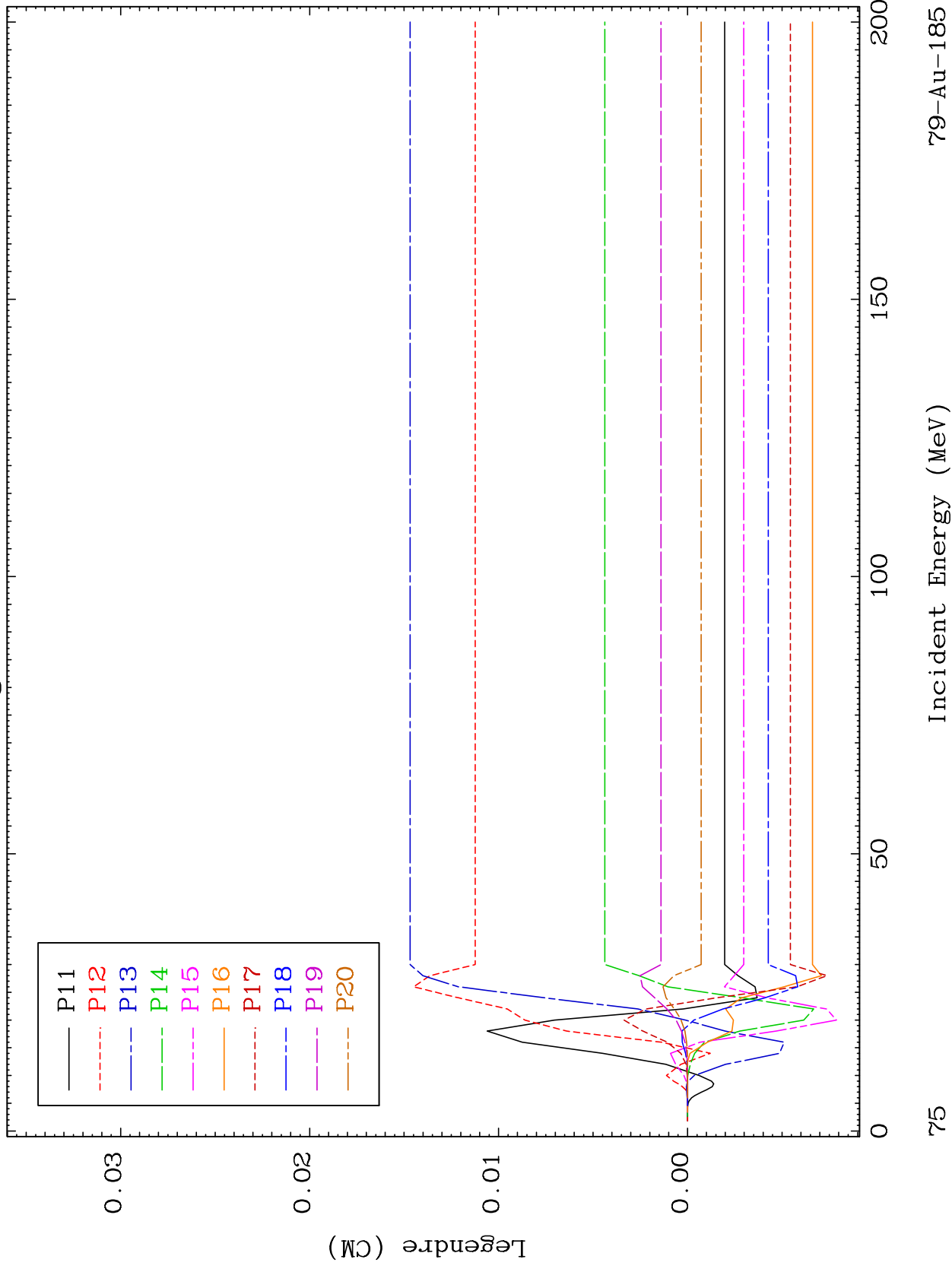
79-Au-185



MAT 7889

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

79-Au-185



79-Au-185

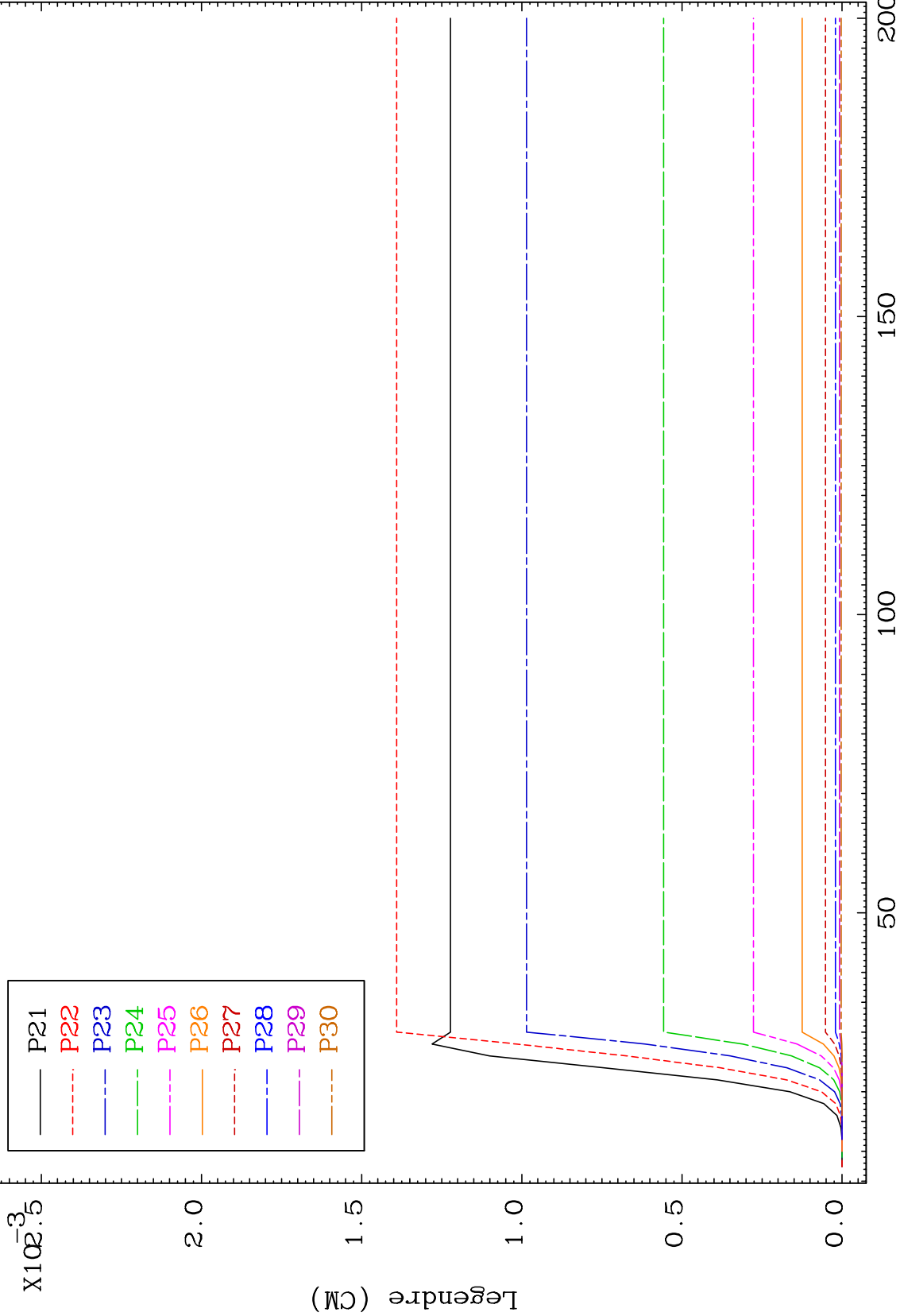
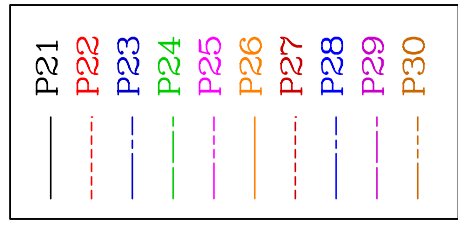
Incident Energy (MeV)

75

MAT 7889

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

79-Au-185



76

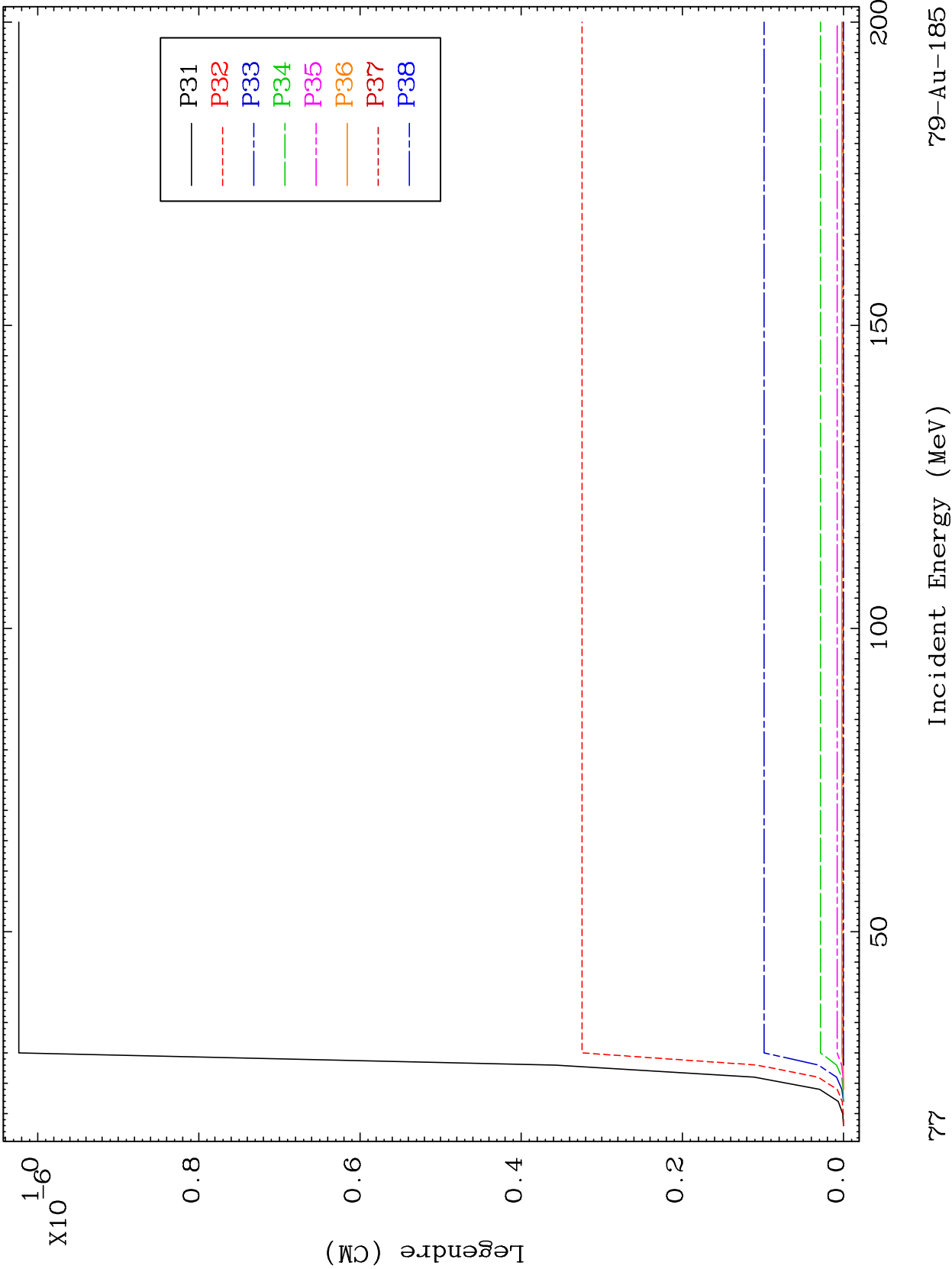
Incident Energy (MeV)

79-Au-185

MAT 7889

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

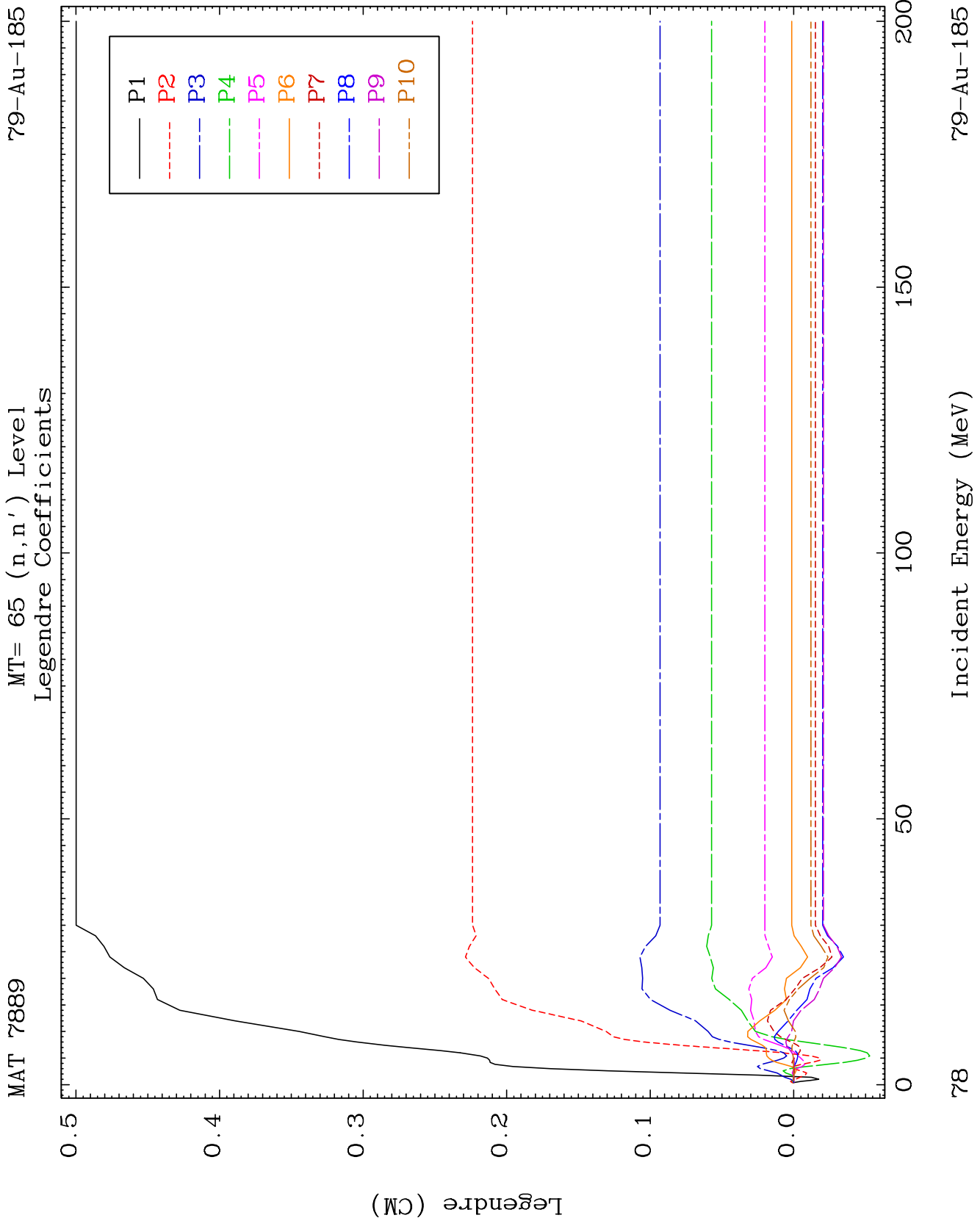
79-Au-185



77

Incident Energy (MeV)

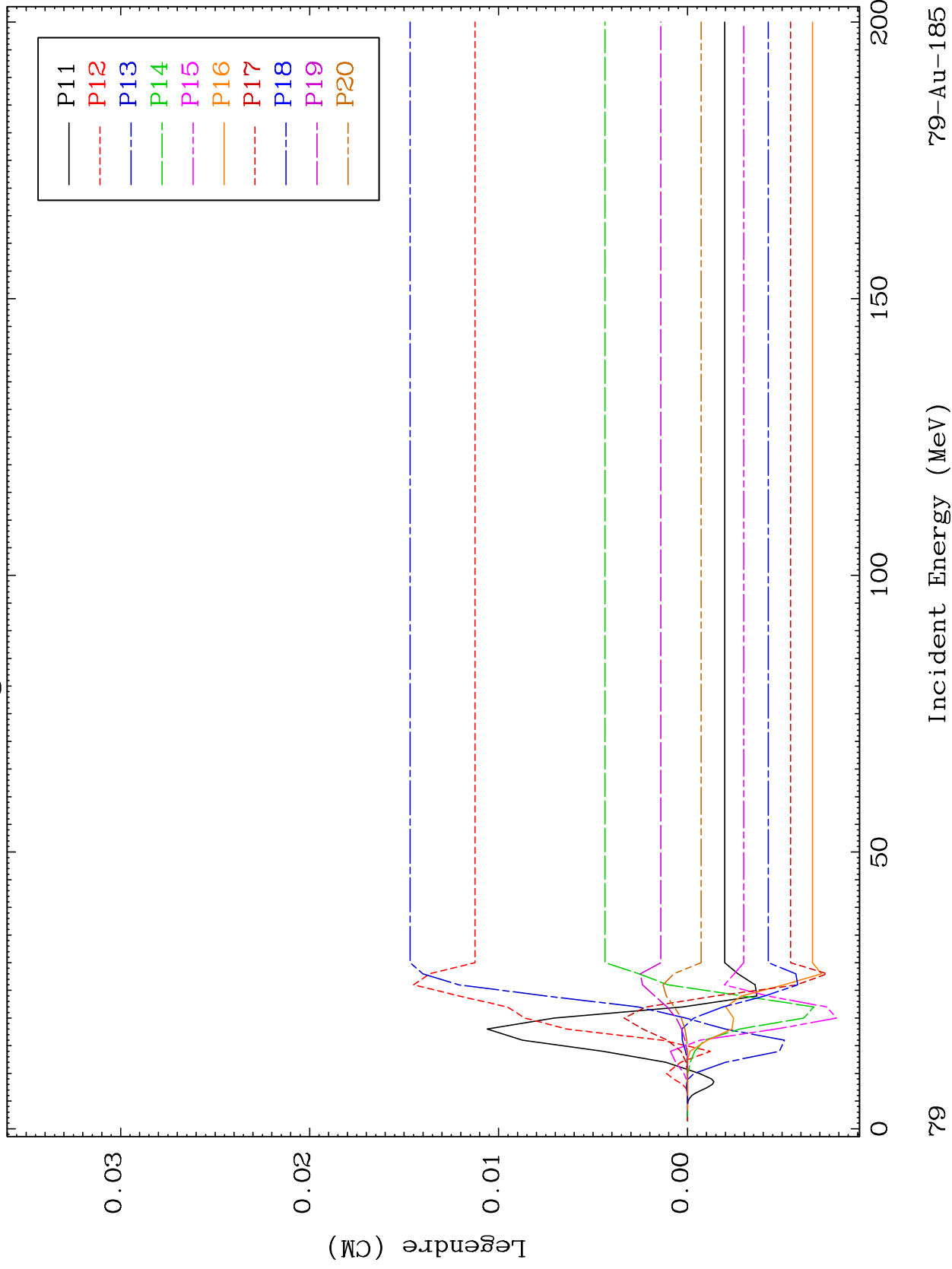
79-Au-185



MAT 7889

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

79-Au-185



79-Au-185

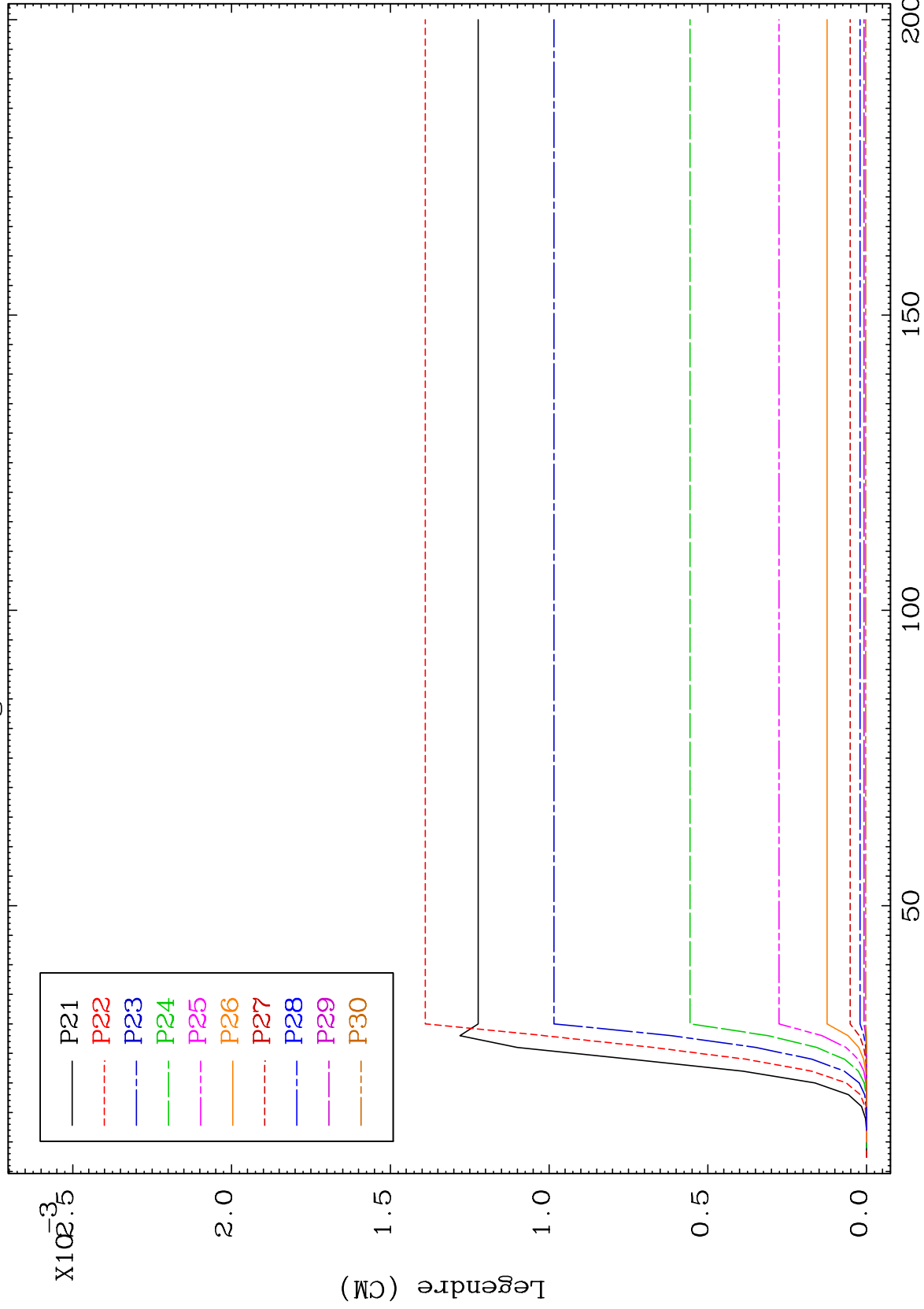
Incident Energy (MeV)

79

MAT 7889

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

79-Au-185



80

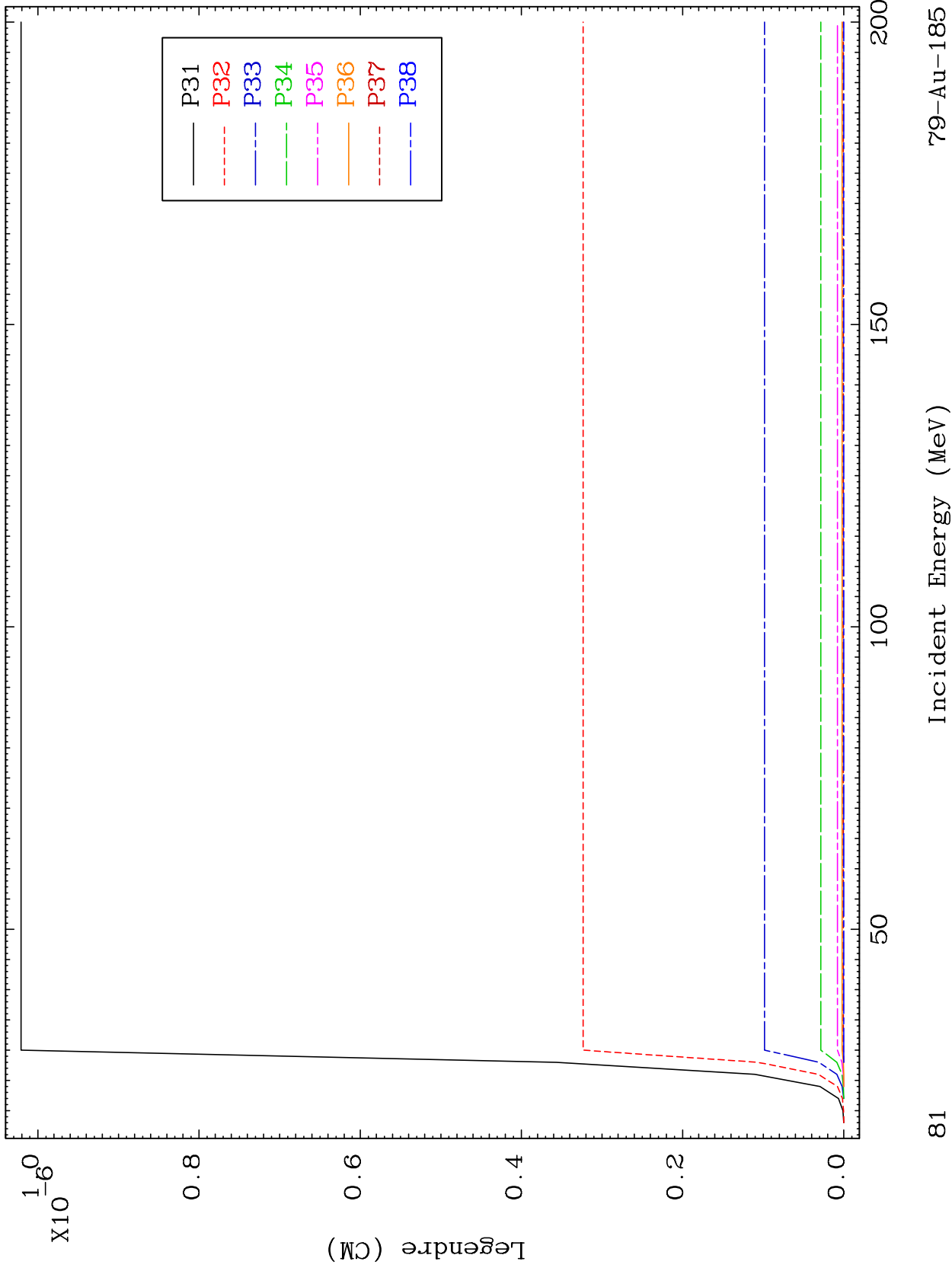
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



81

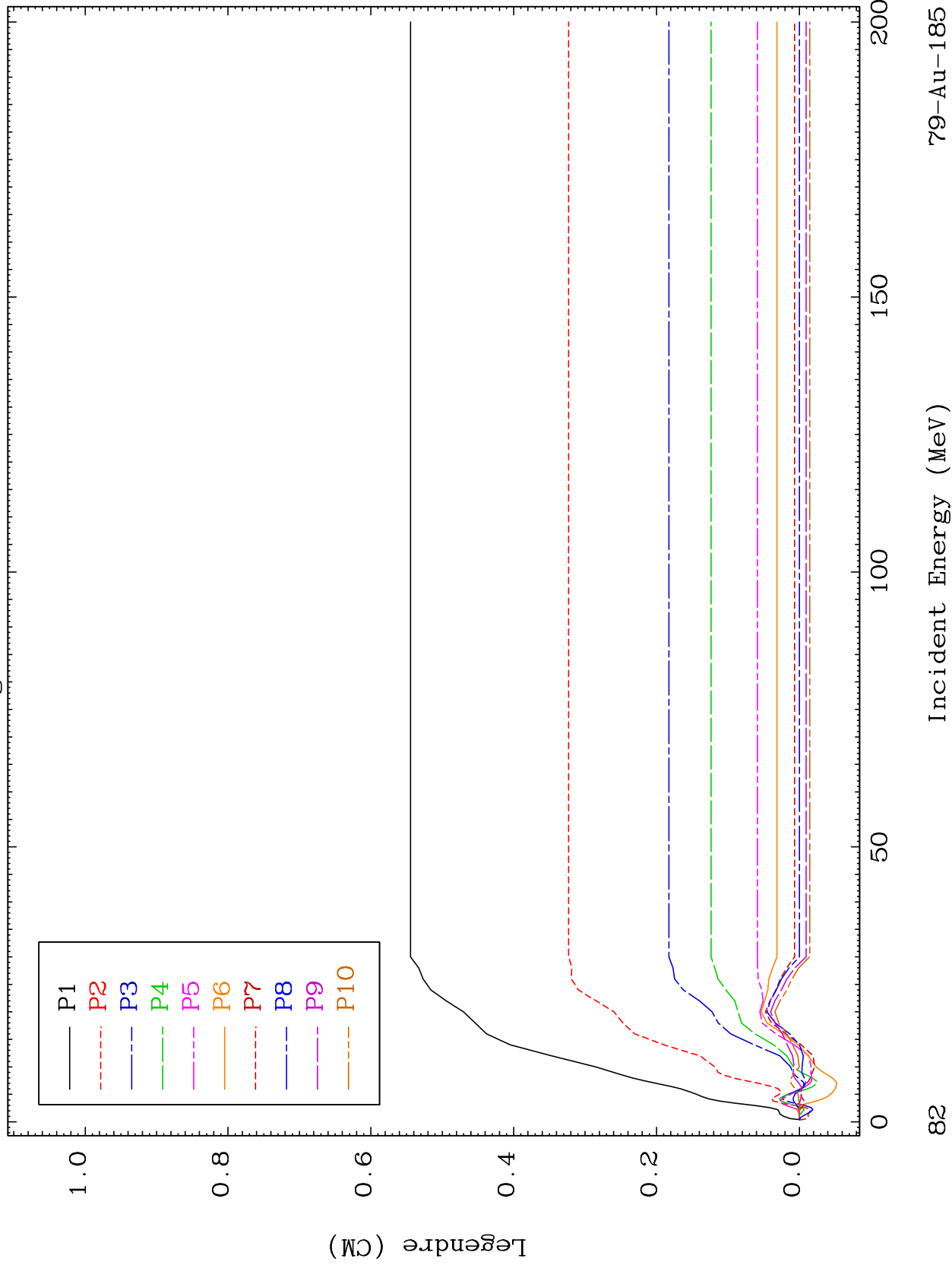
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



82

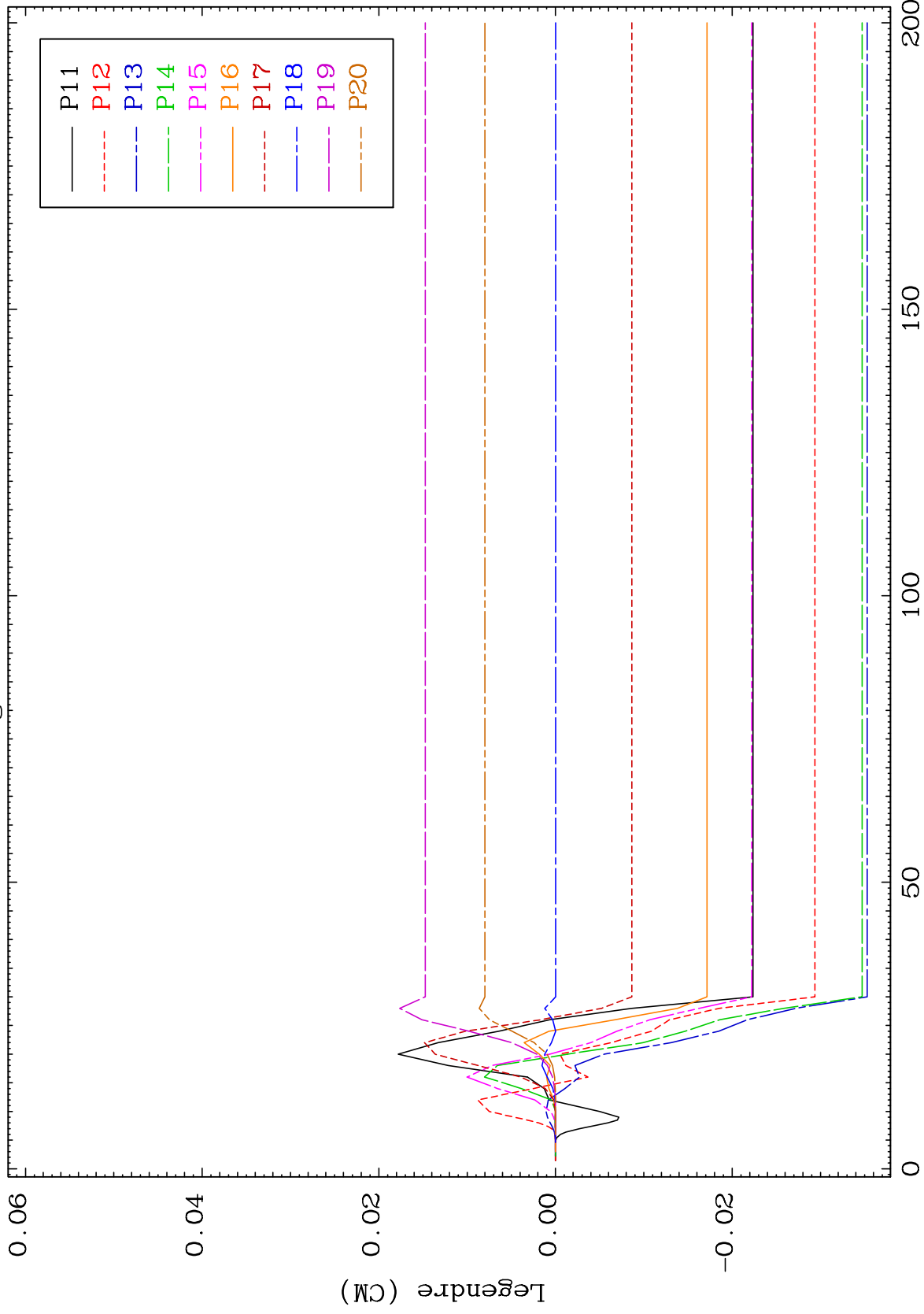
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



83

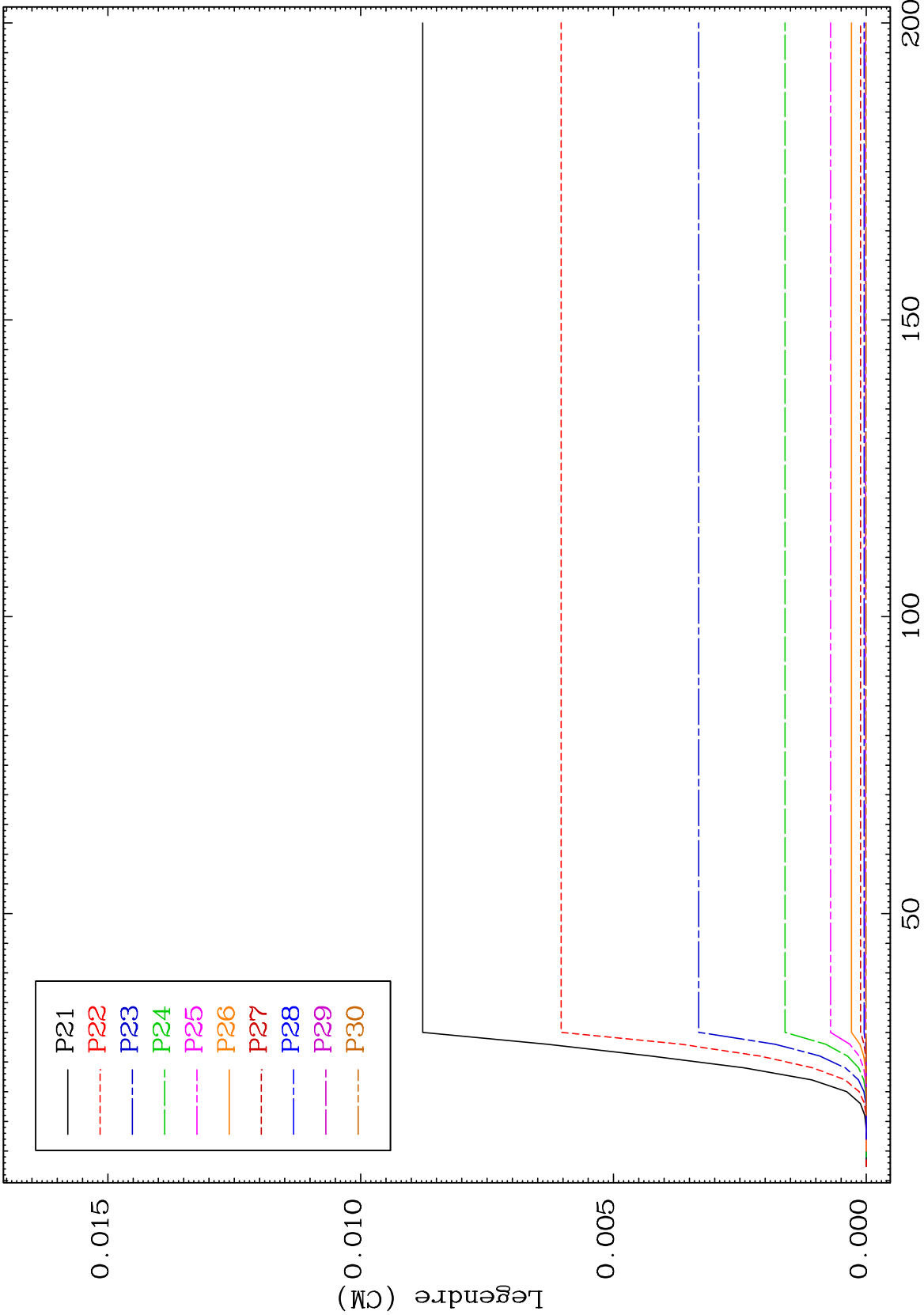
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



84

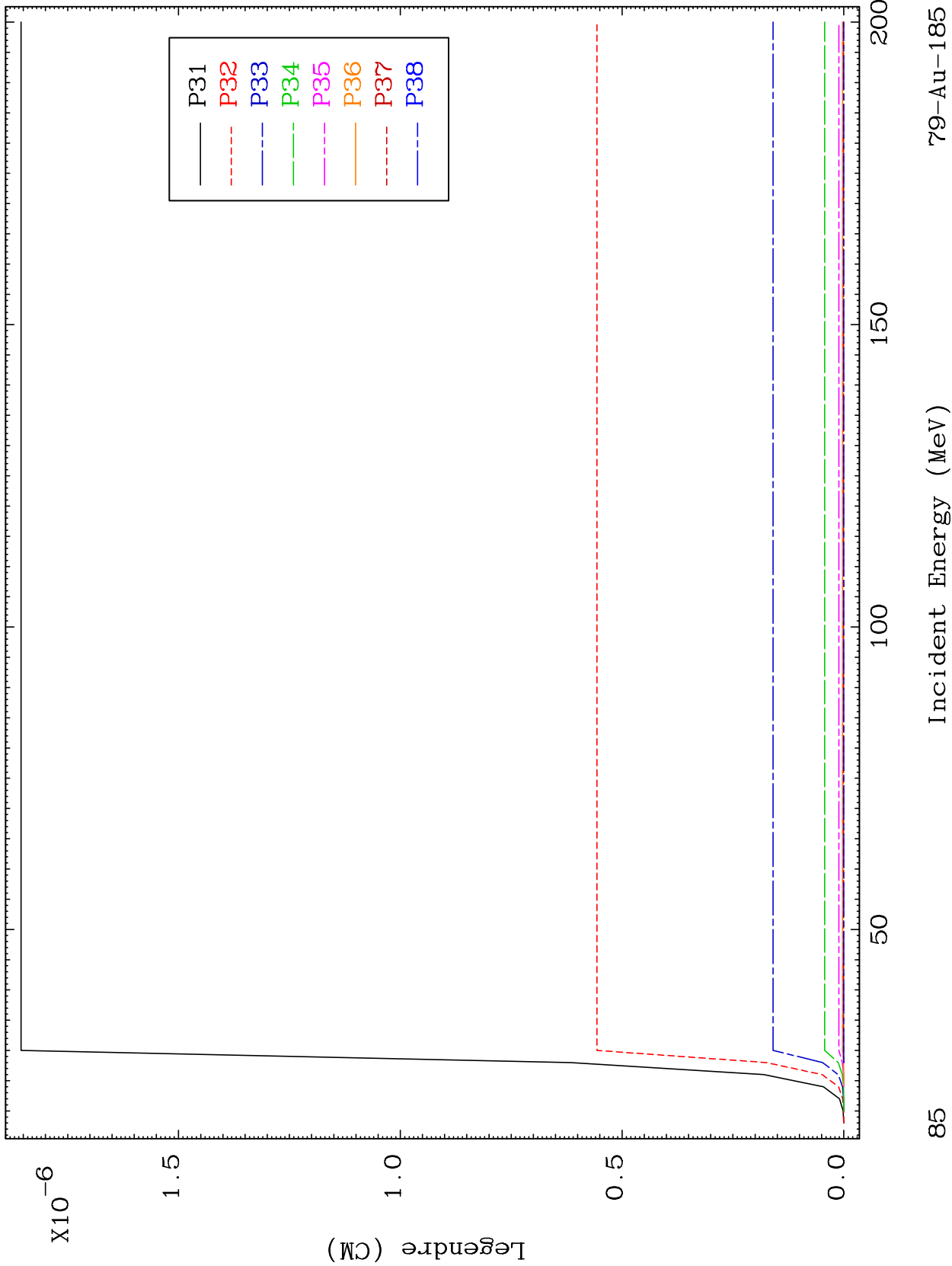
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



85

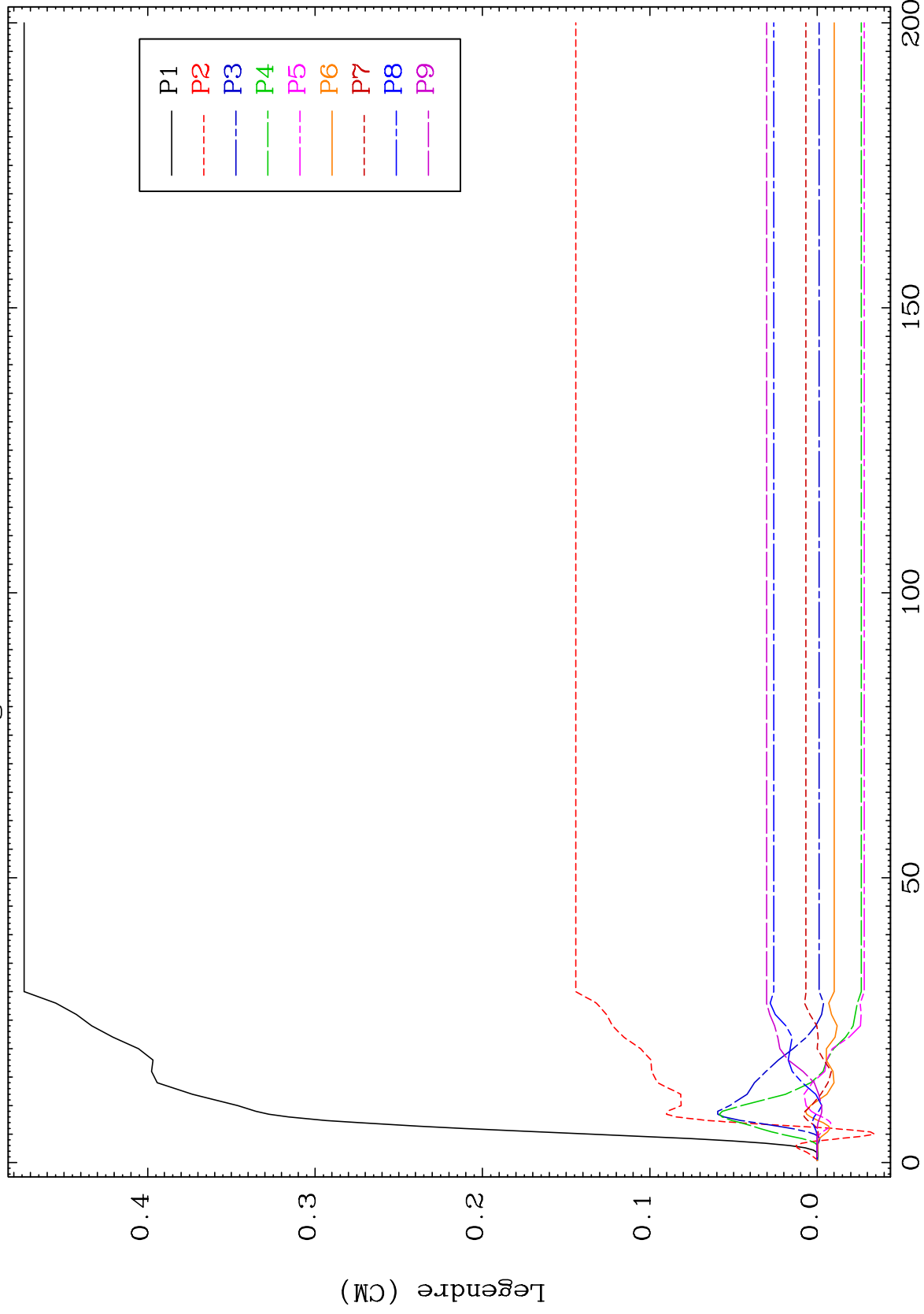
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



86

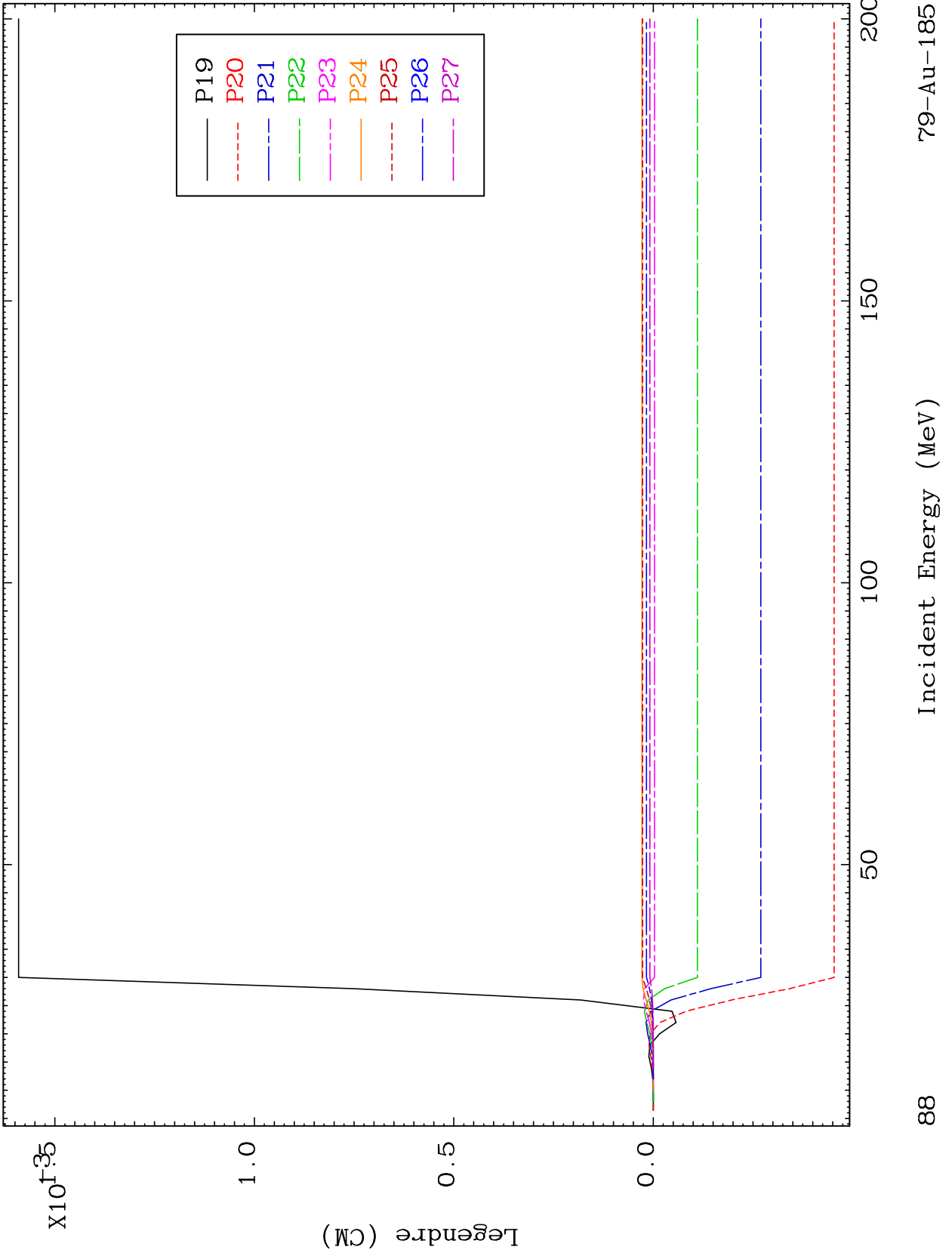
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



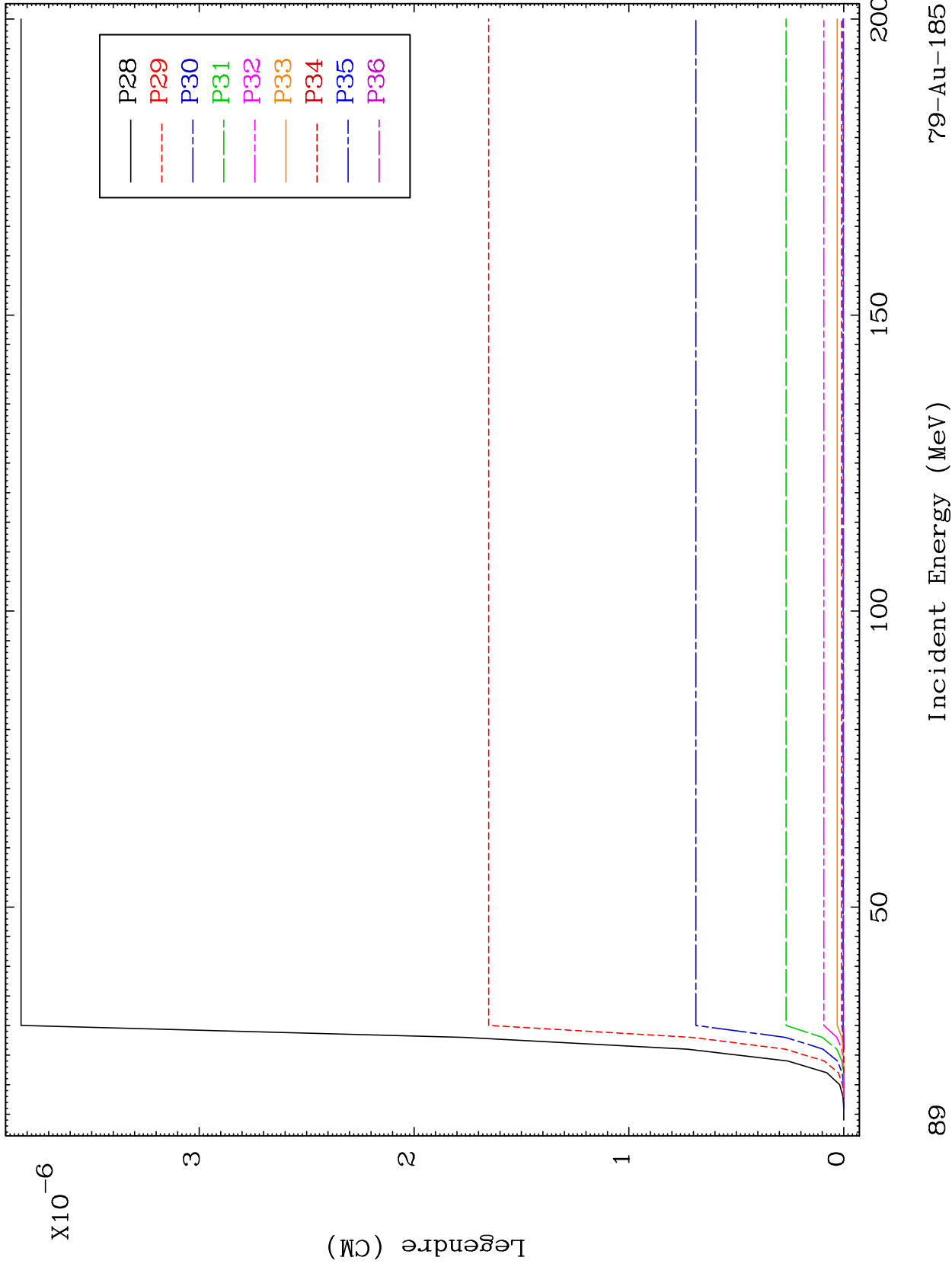
88

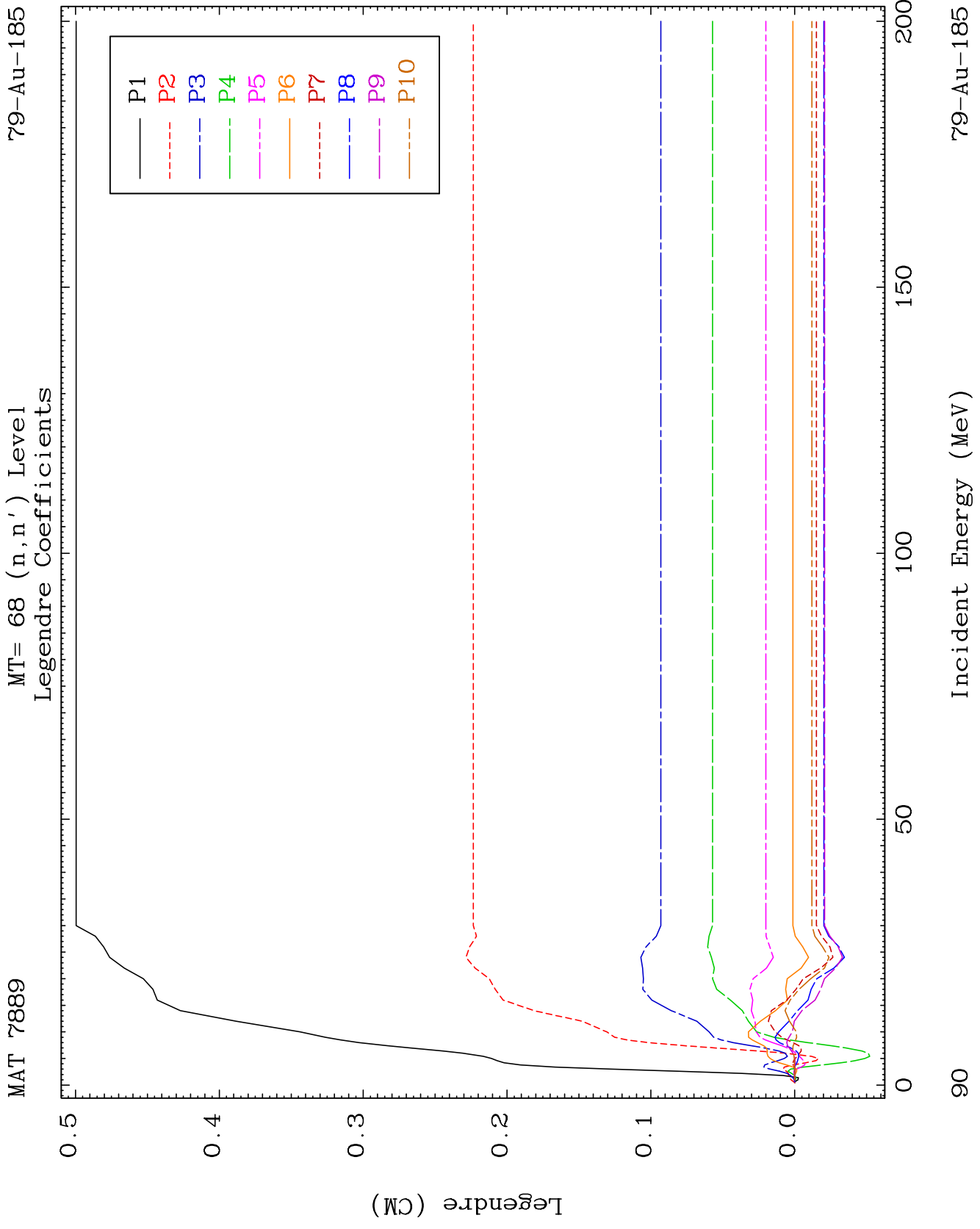
79-Au-185

MAT 7889

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

79-Au-185

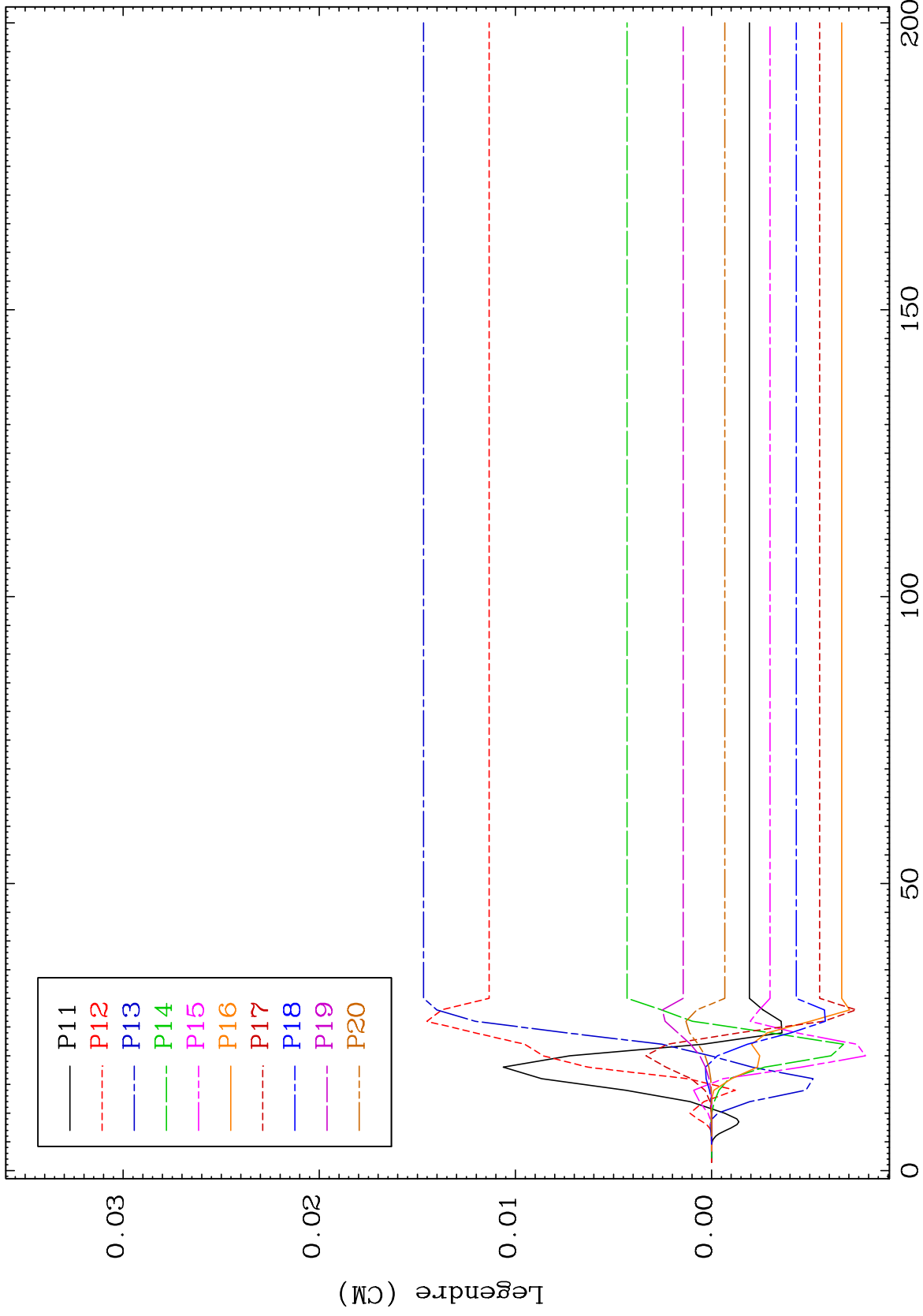




MAT 7889

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

79-Au-185



91

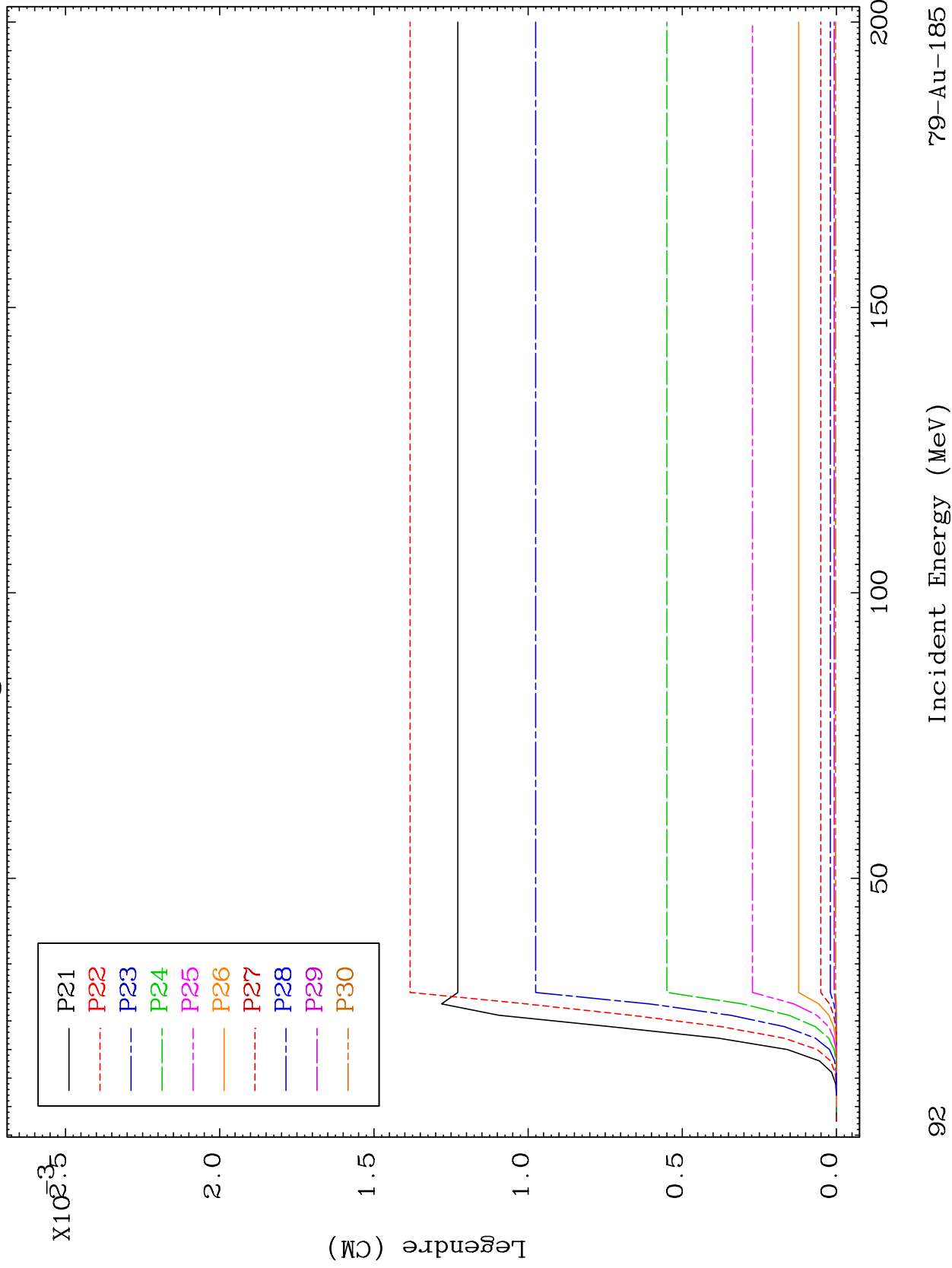
Incident Energy (MeV)

79-Au-185

MAT 7889

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

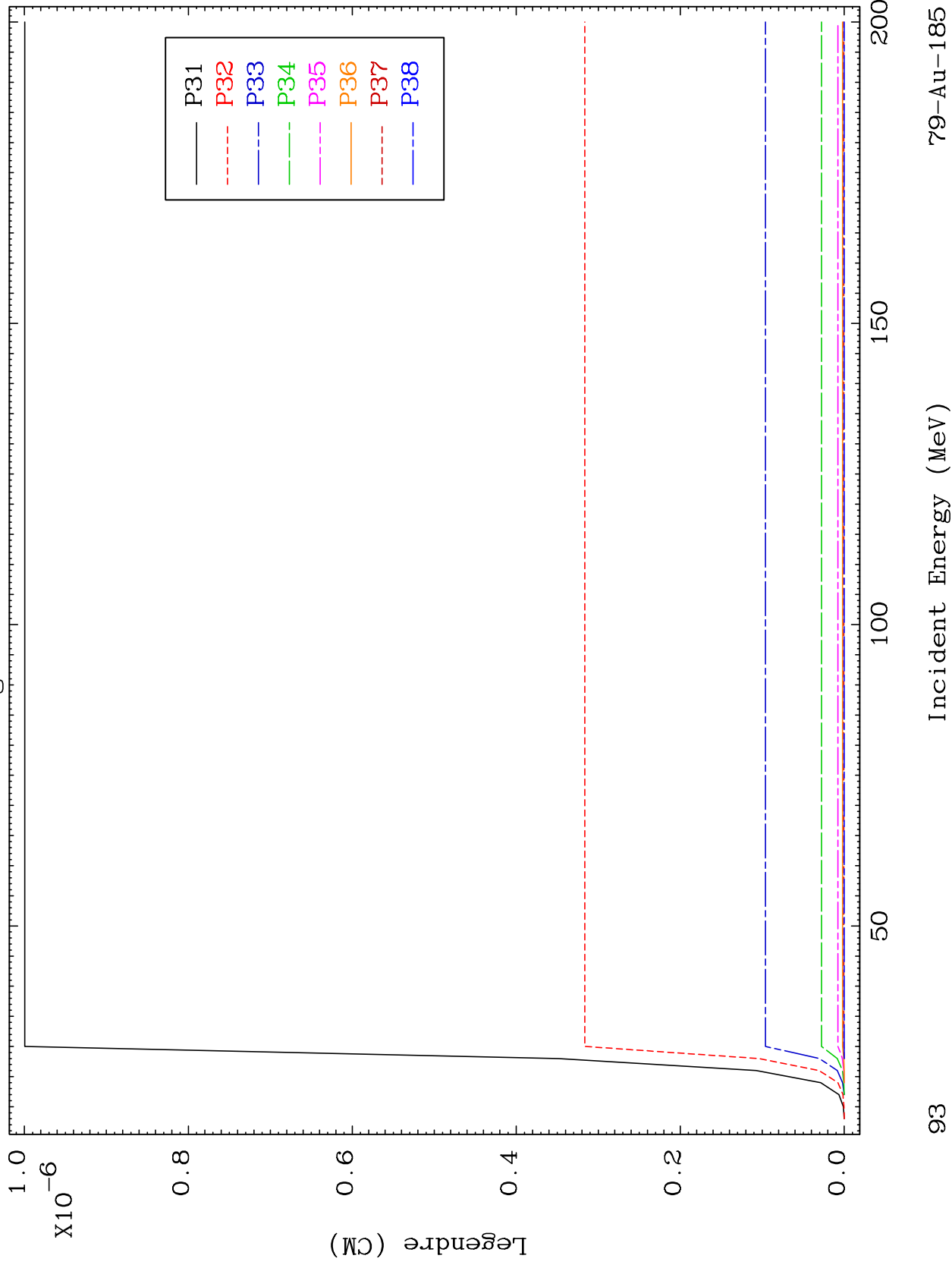
79-Au-185



MAT 7889

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

79-Au-185



93

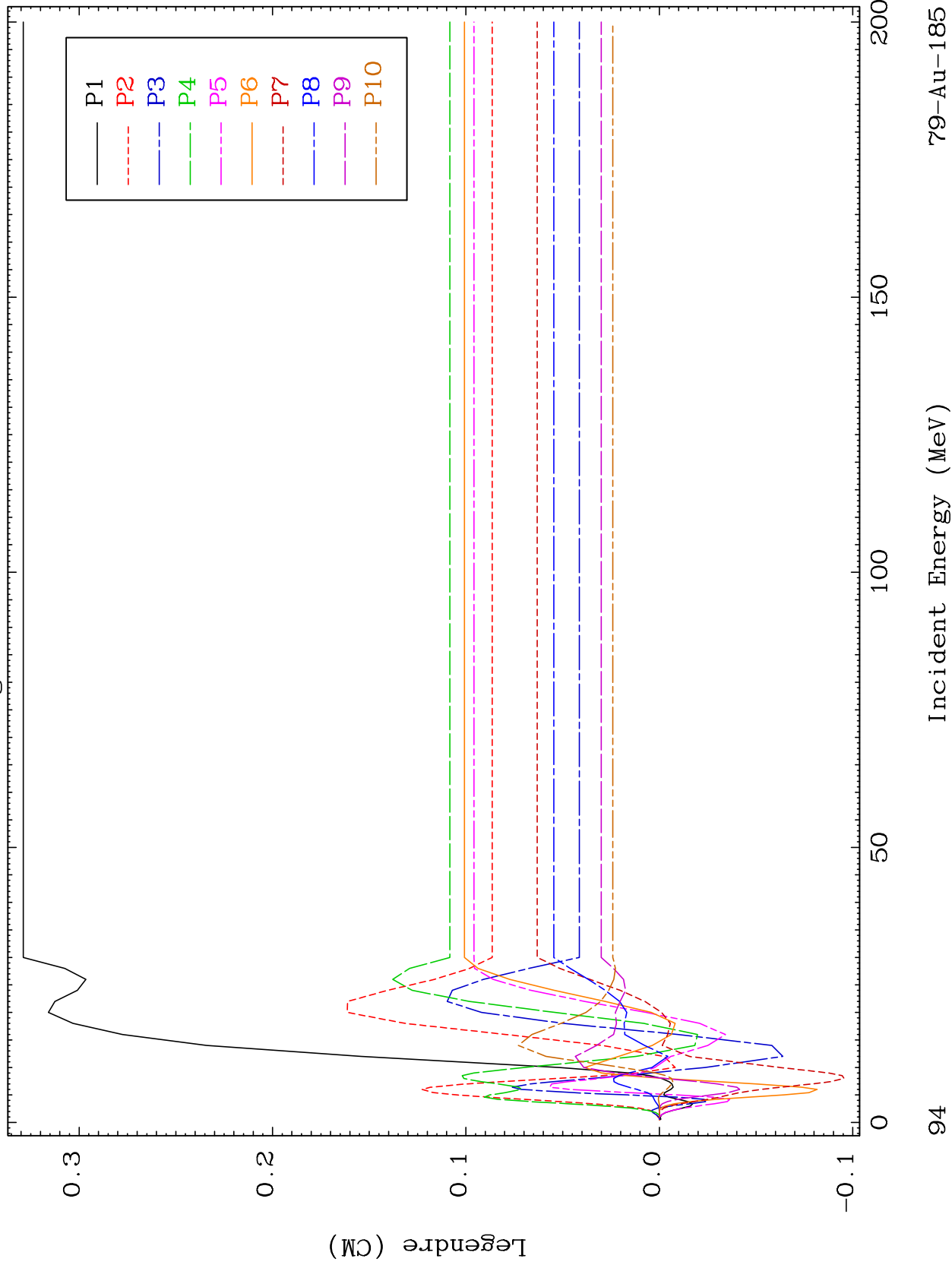
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



79-Au-185

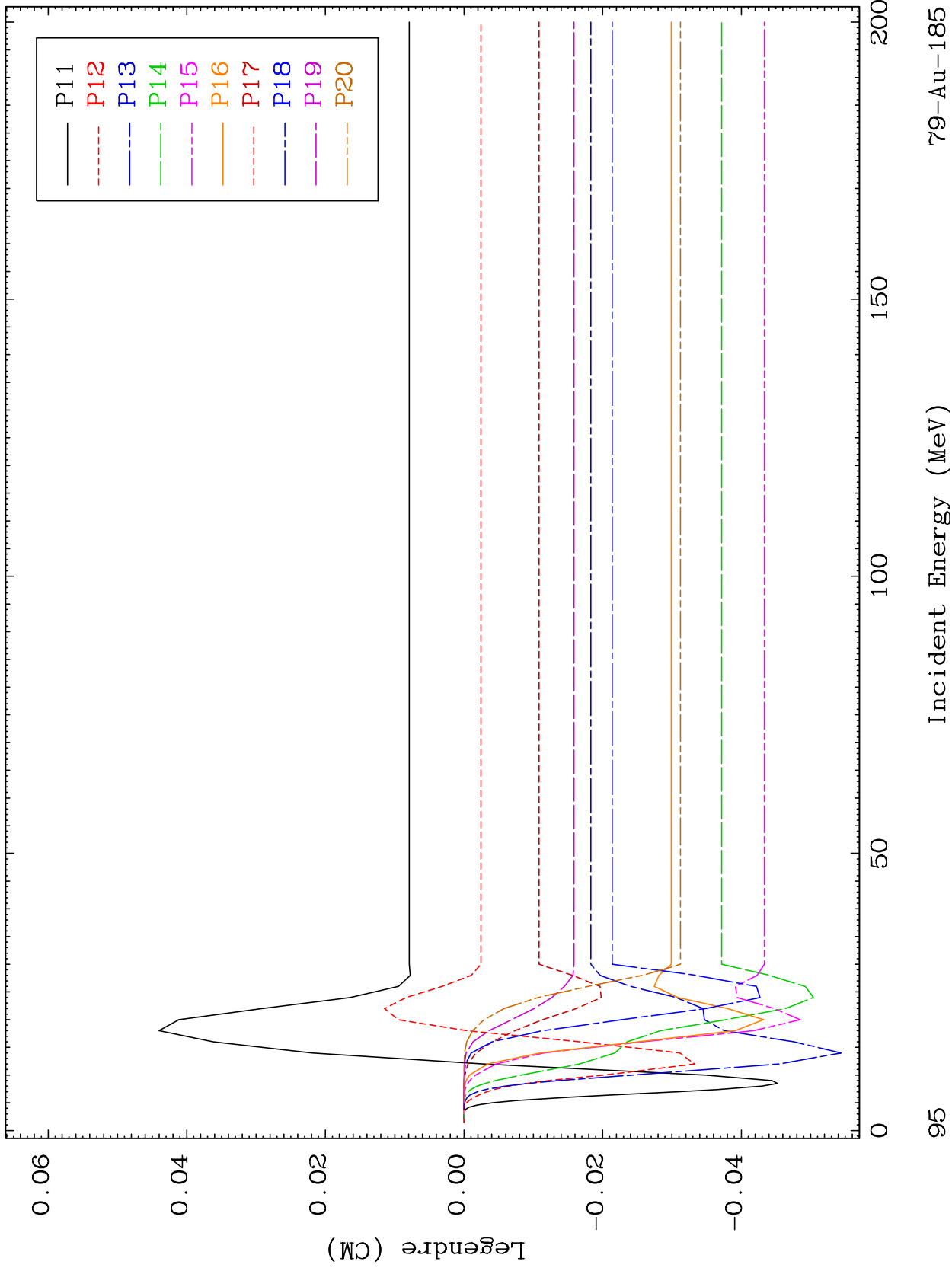
Incident Energy (MeV)

94

MAT 7889

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

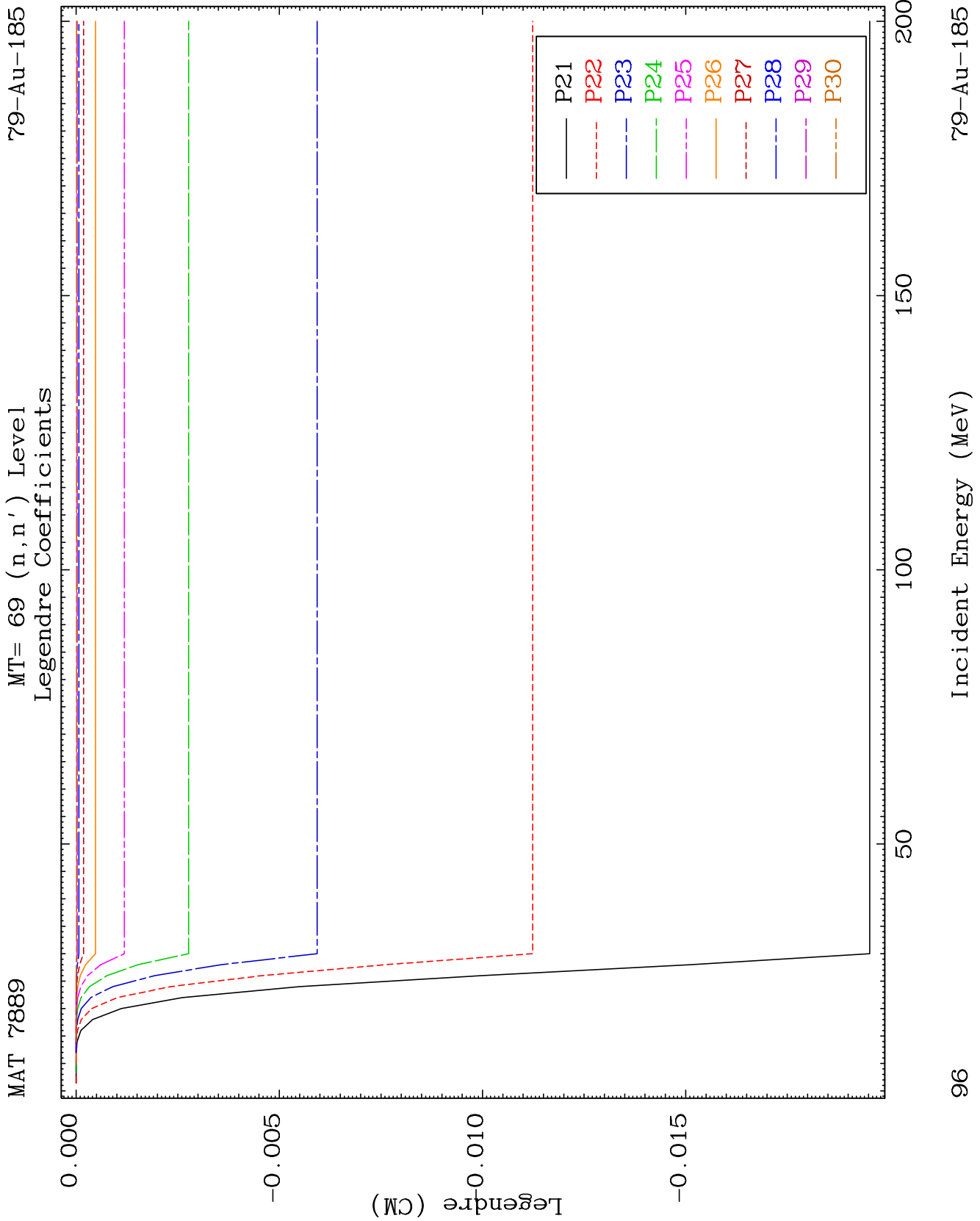
79-Au-185

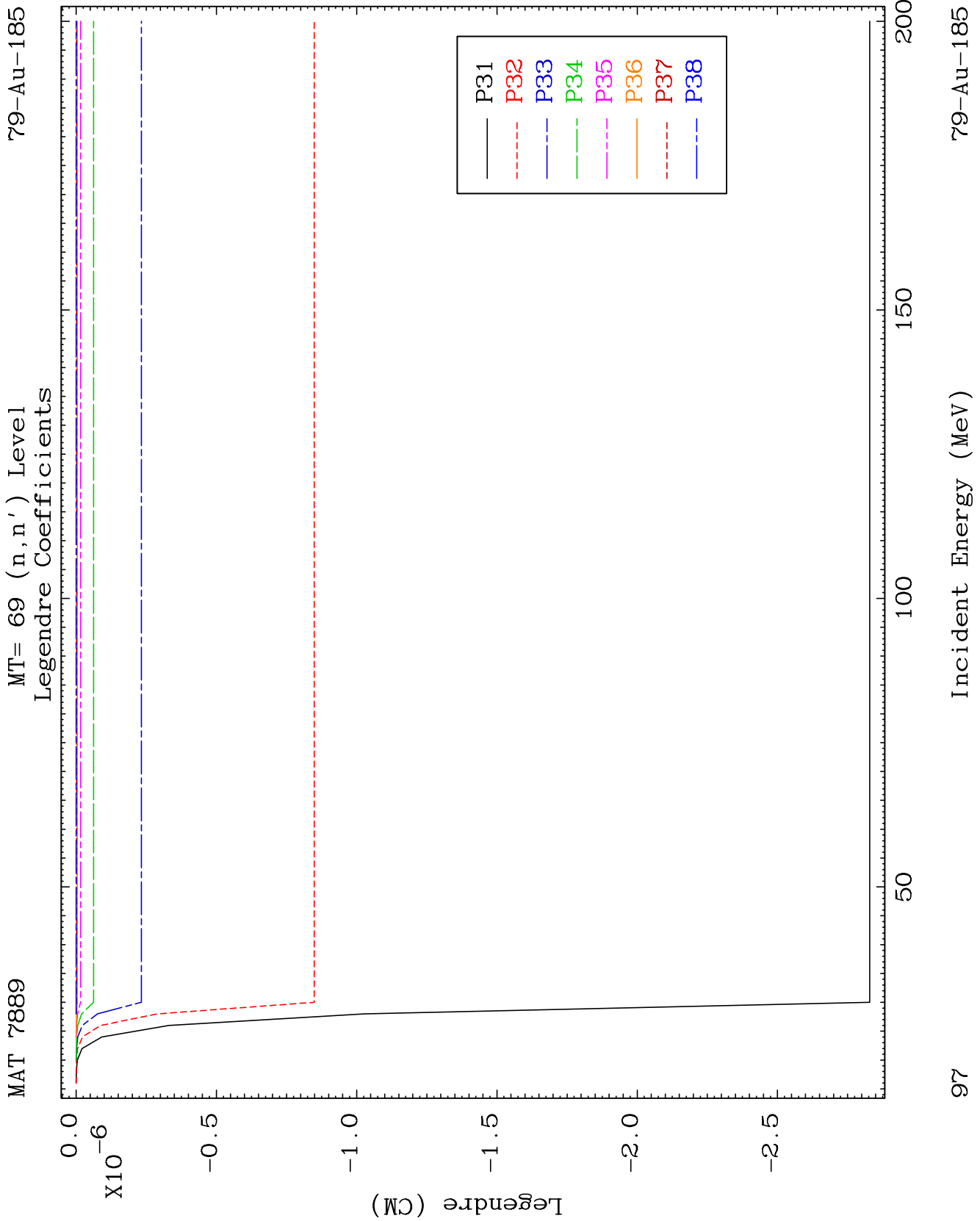


79-Au-185

Incident Energy (MeV)

95

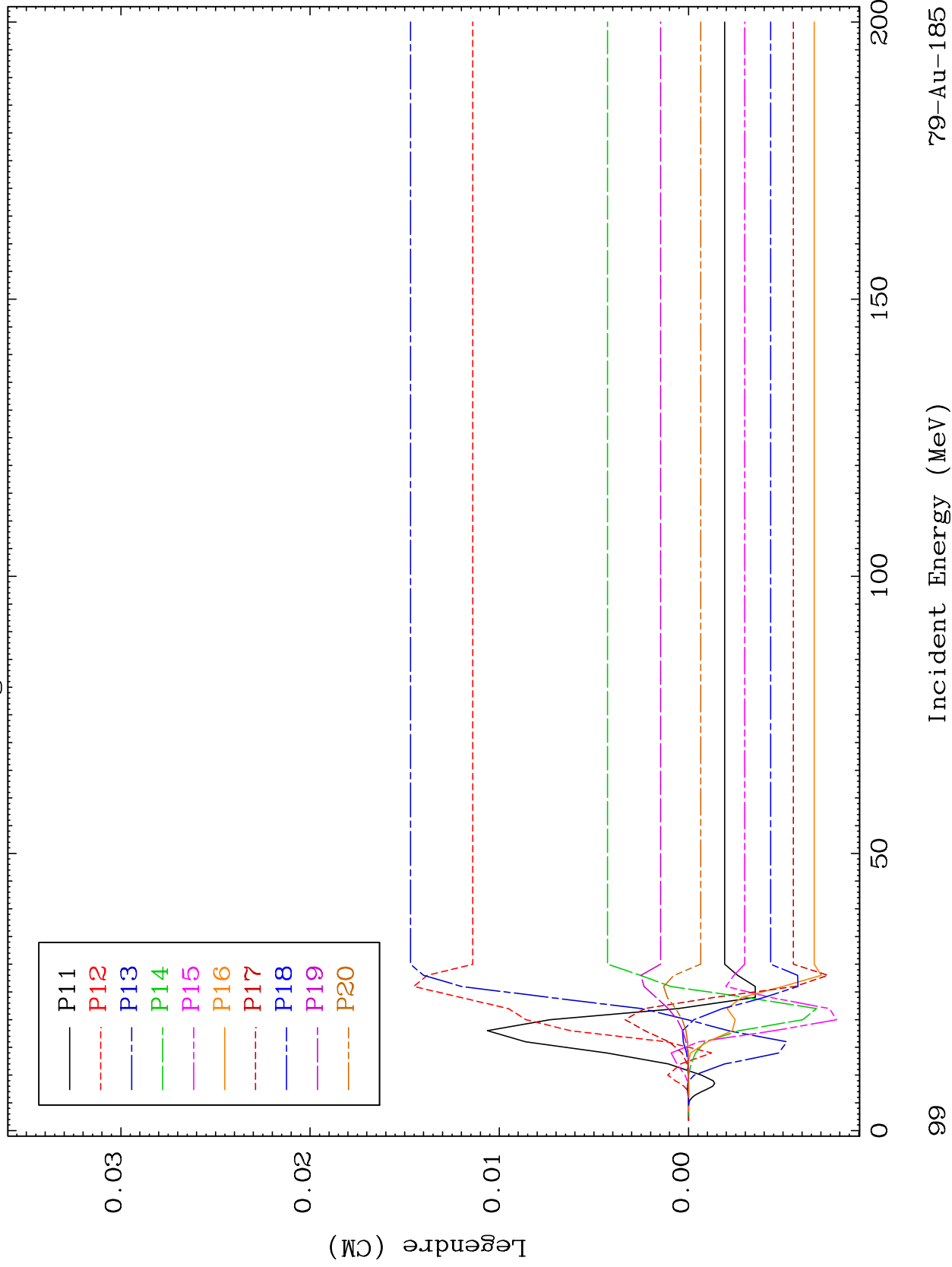




MAT 7889

79-Au-185

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



99

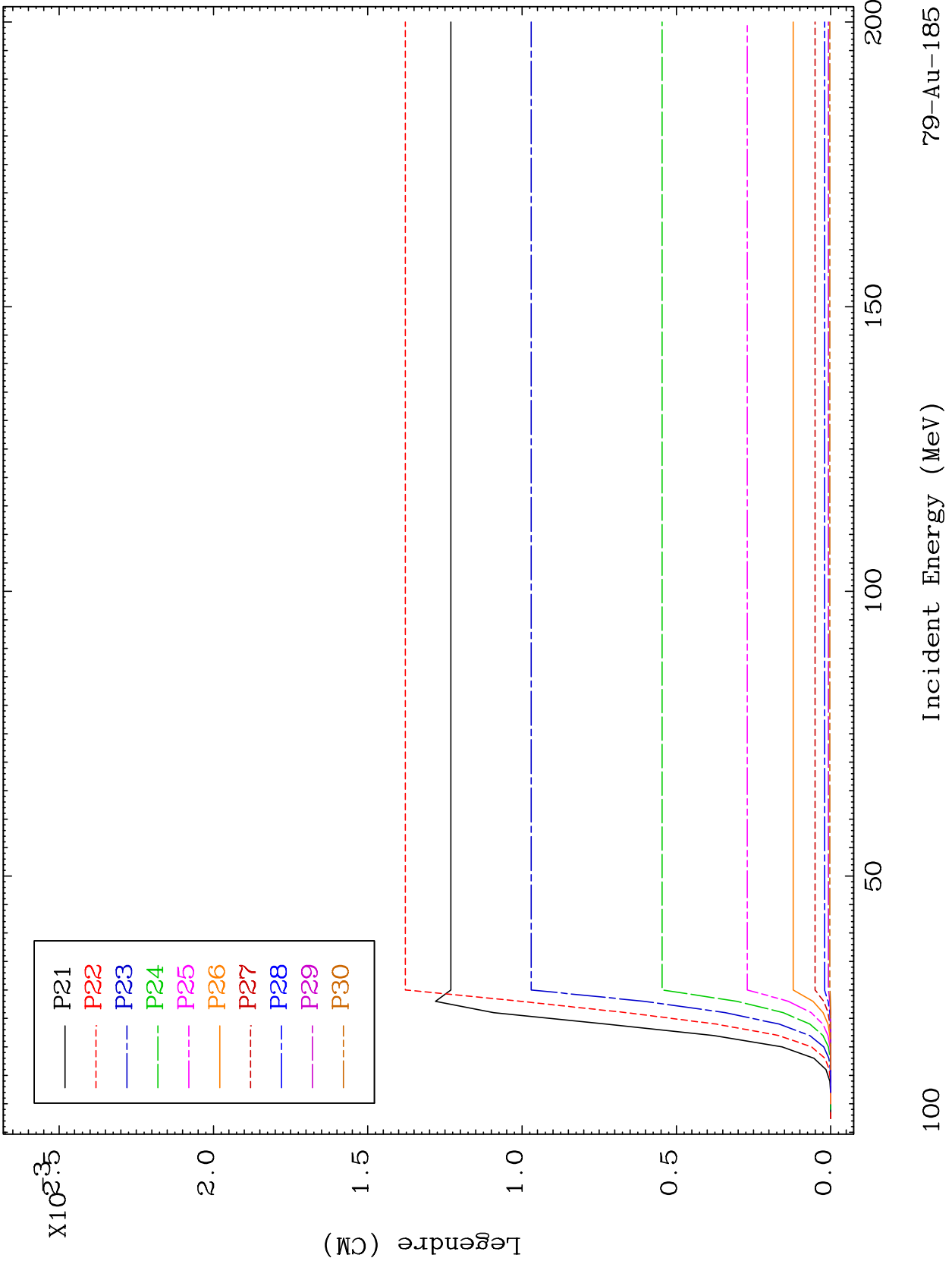
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185

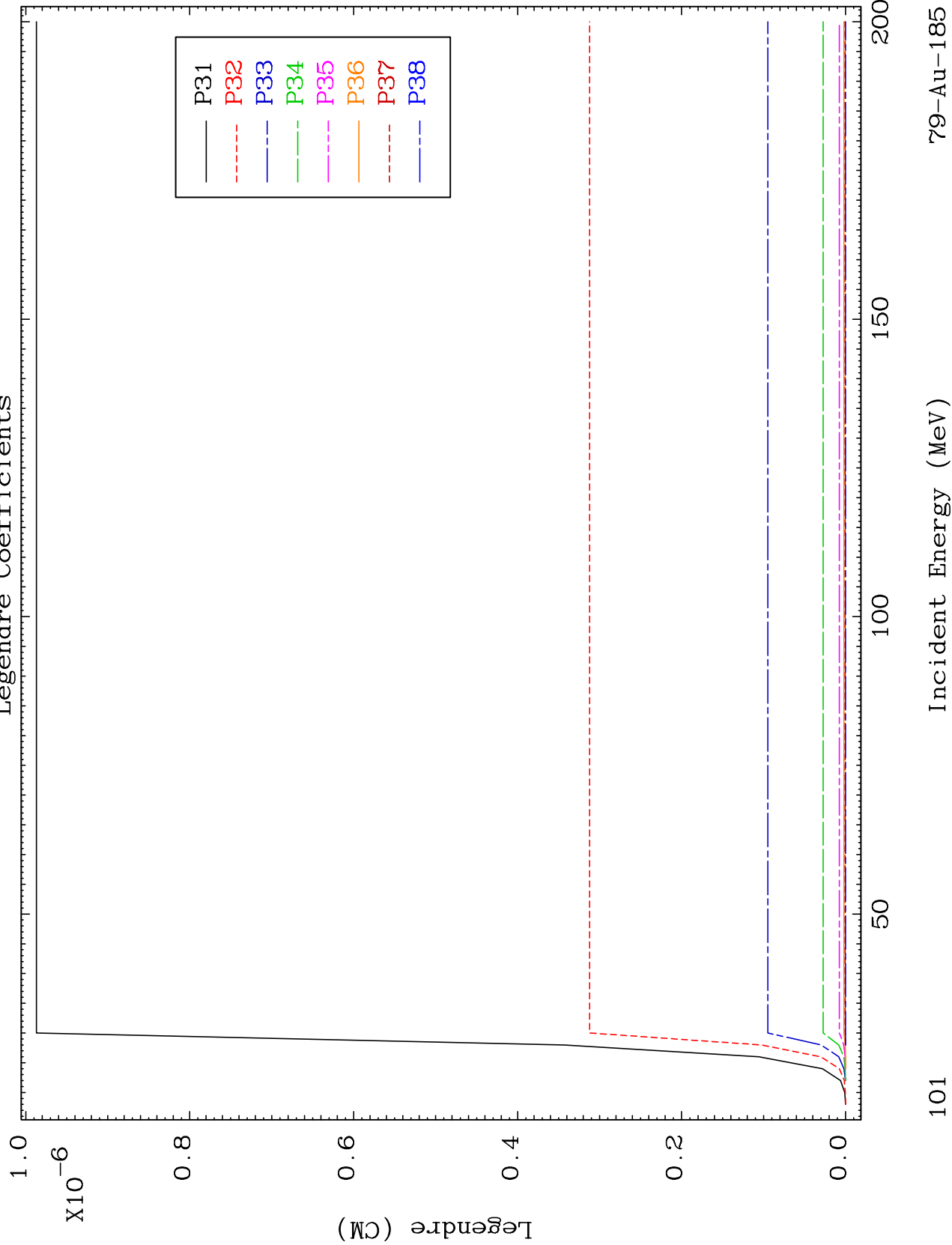


79-Au-185

MAT 7889

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

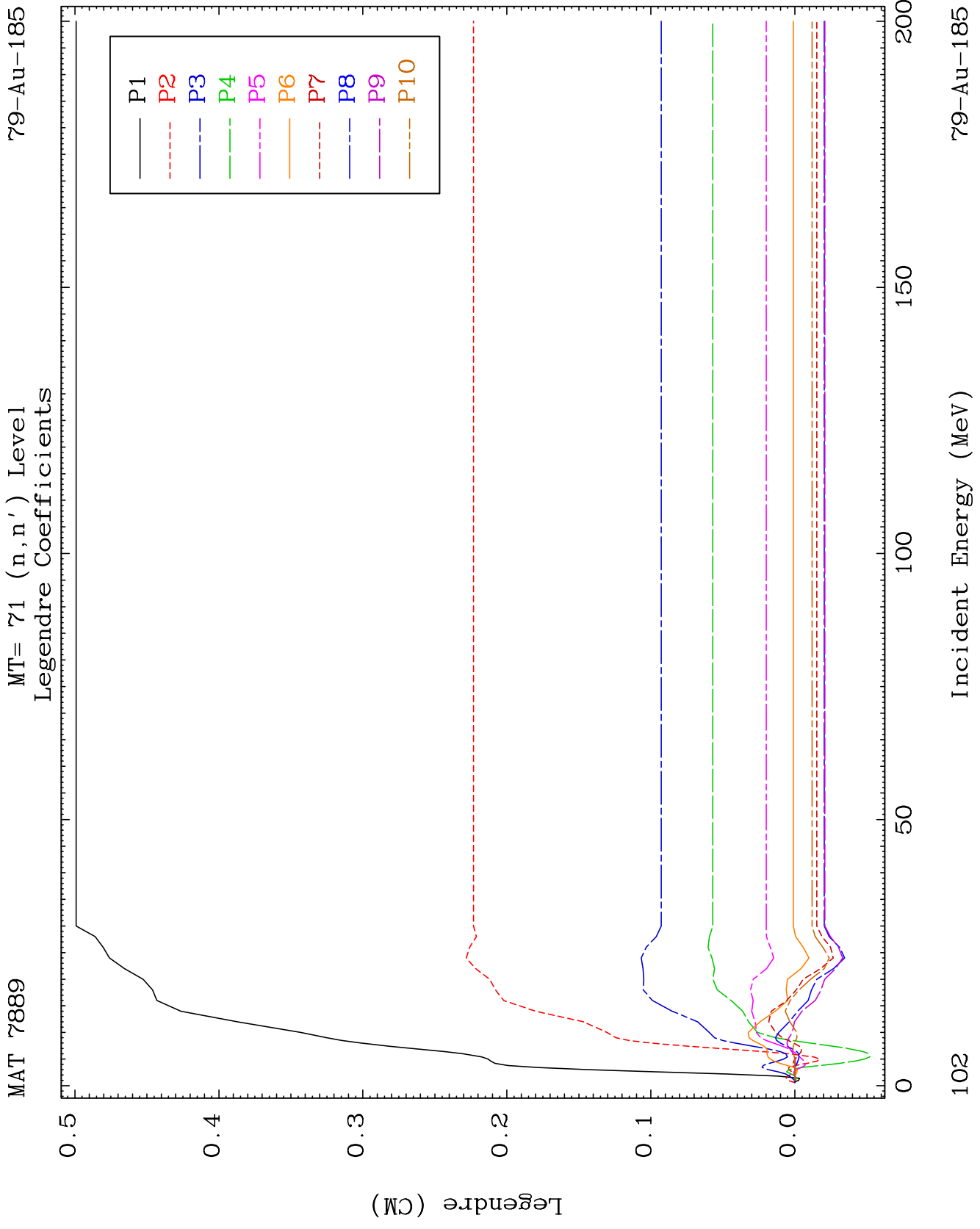
79-Au-185



101

Incident Energy (MeV)

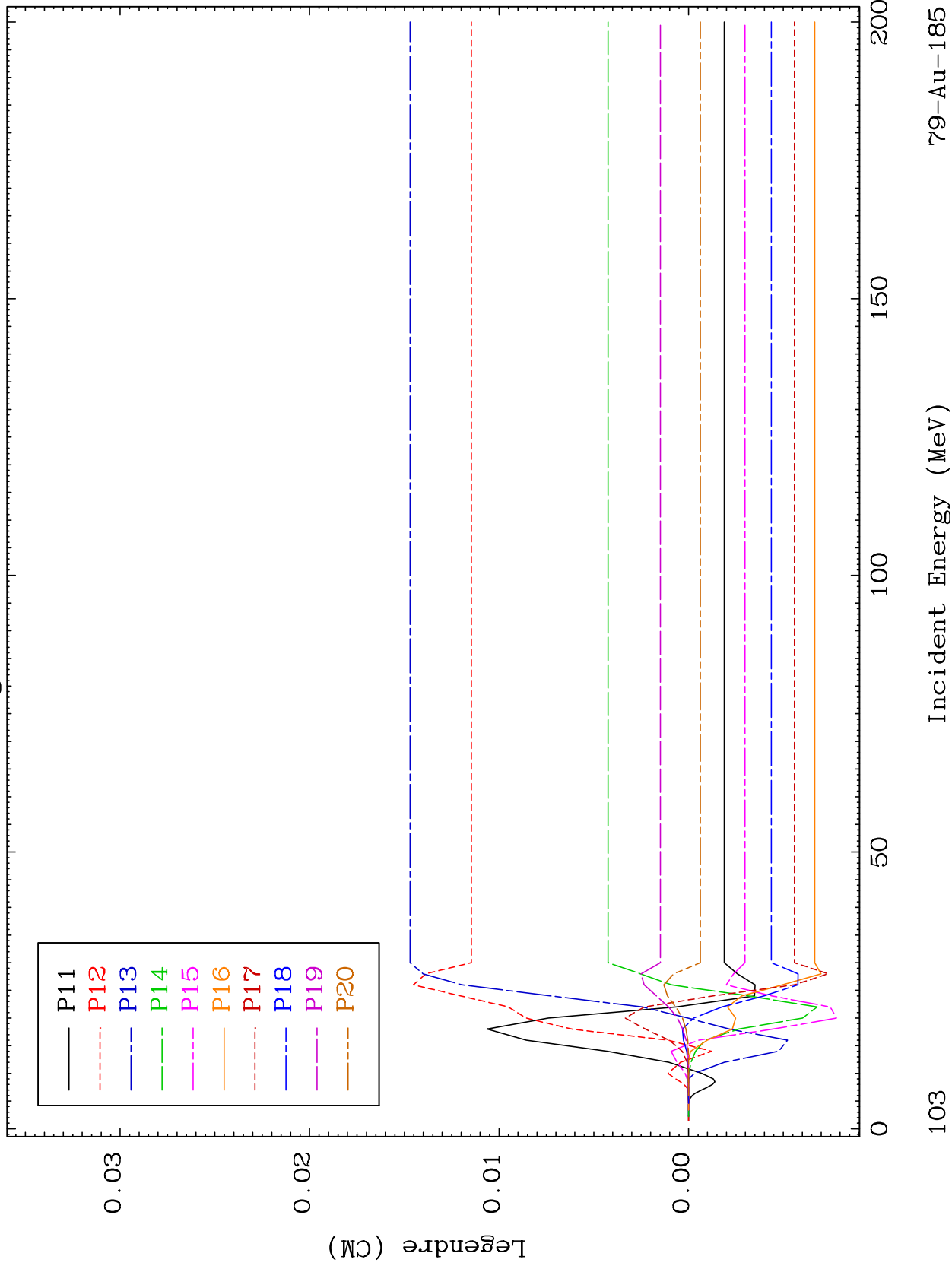
79-Au-185



MAT 7889

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

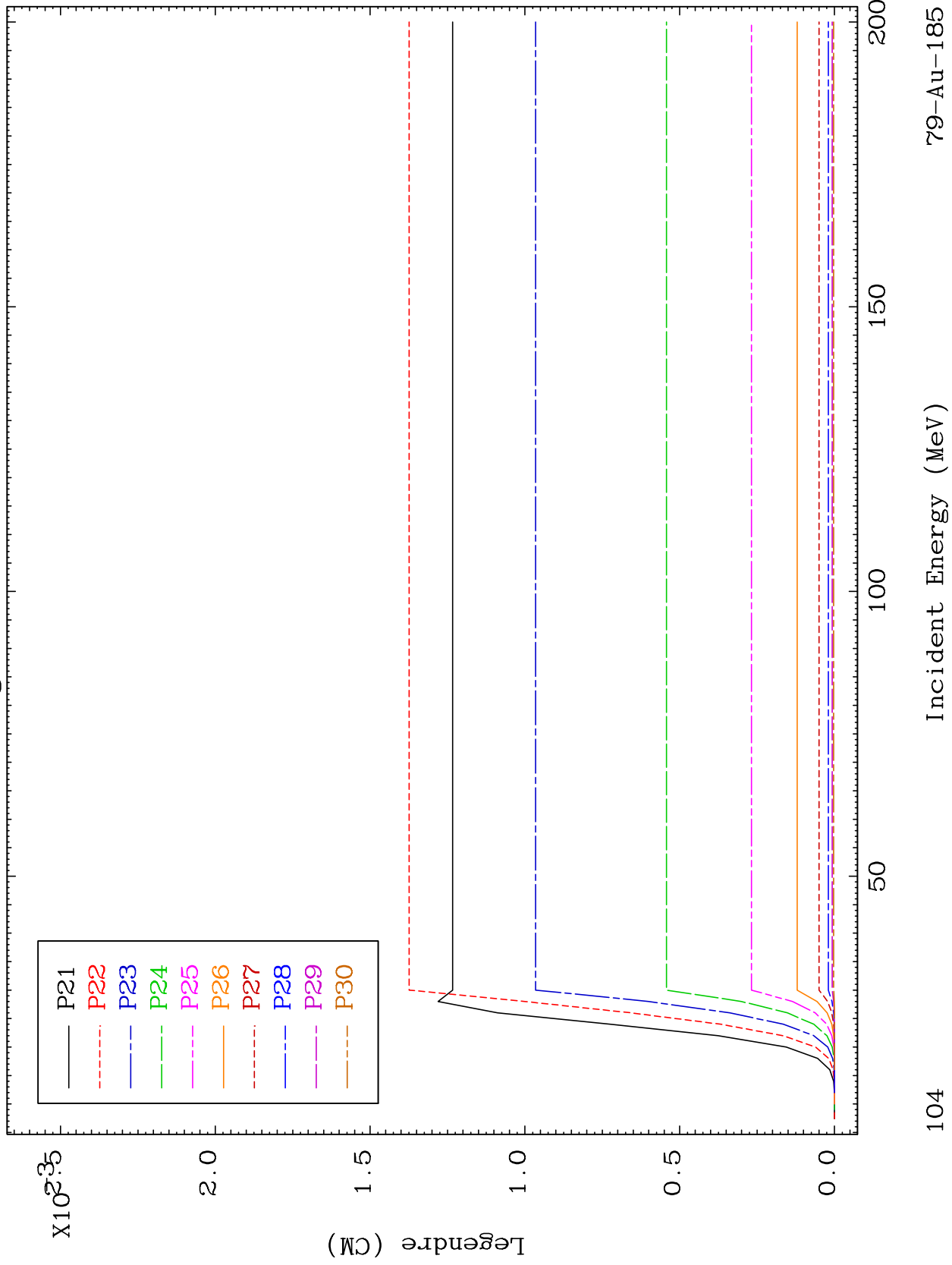
79-Au-185



MAT 7889

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

79-Au-185



104

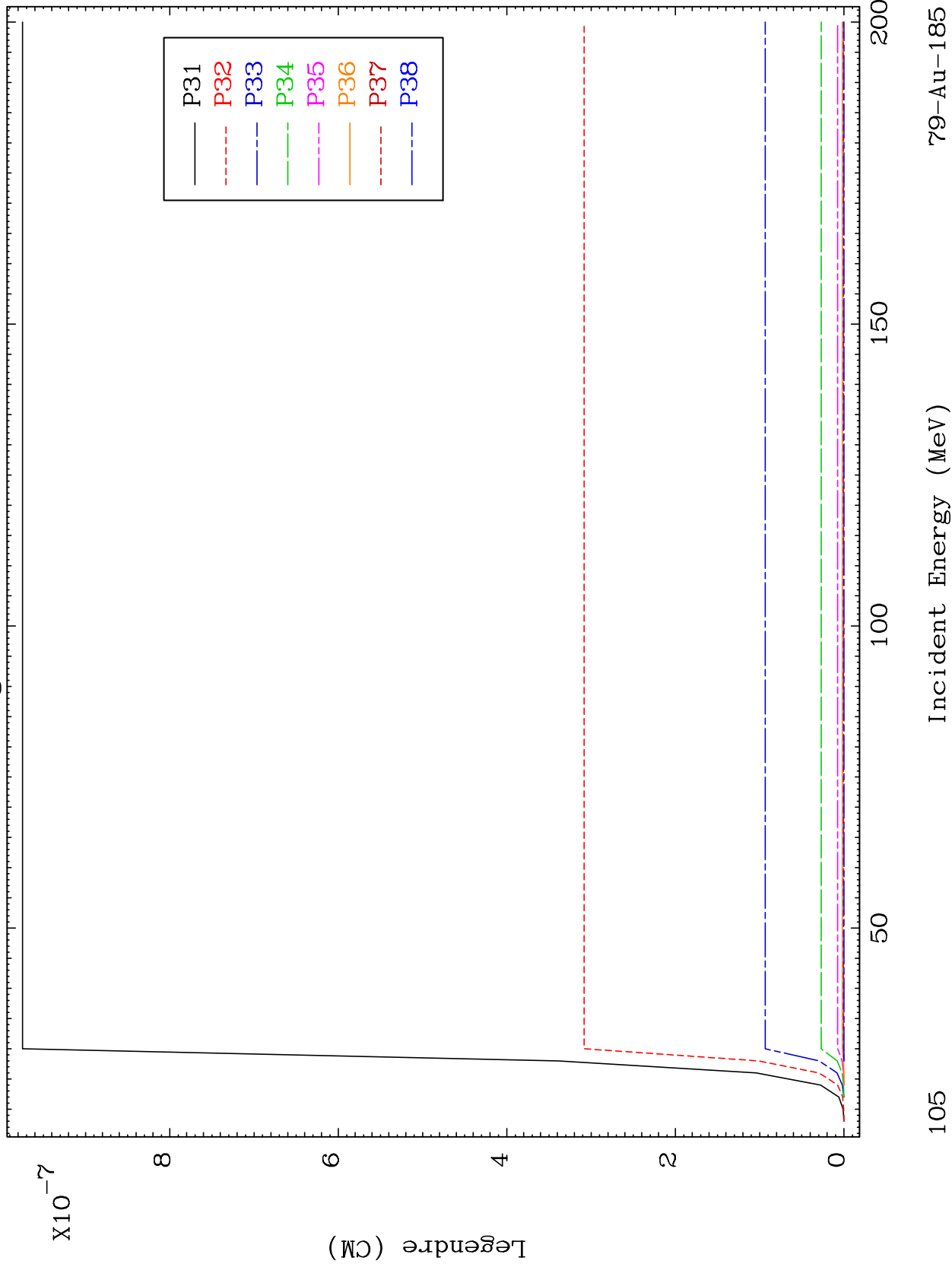
Incident Energy (MeV)

79-Au-185

MAT 7889

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

79-Au-185



105

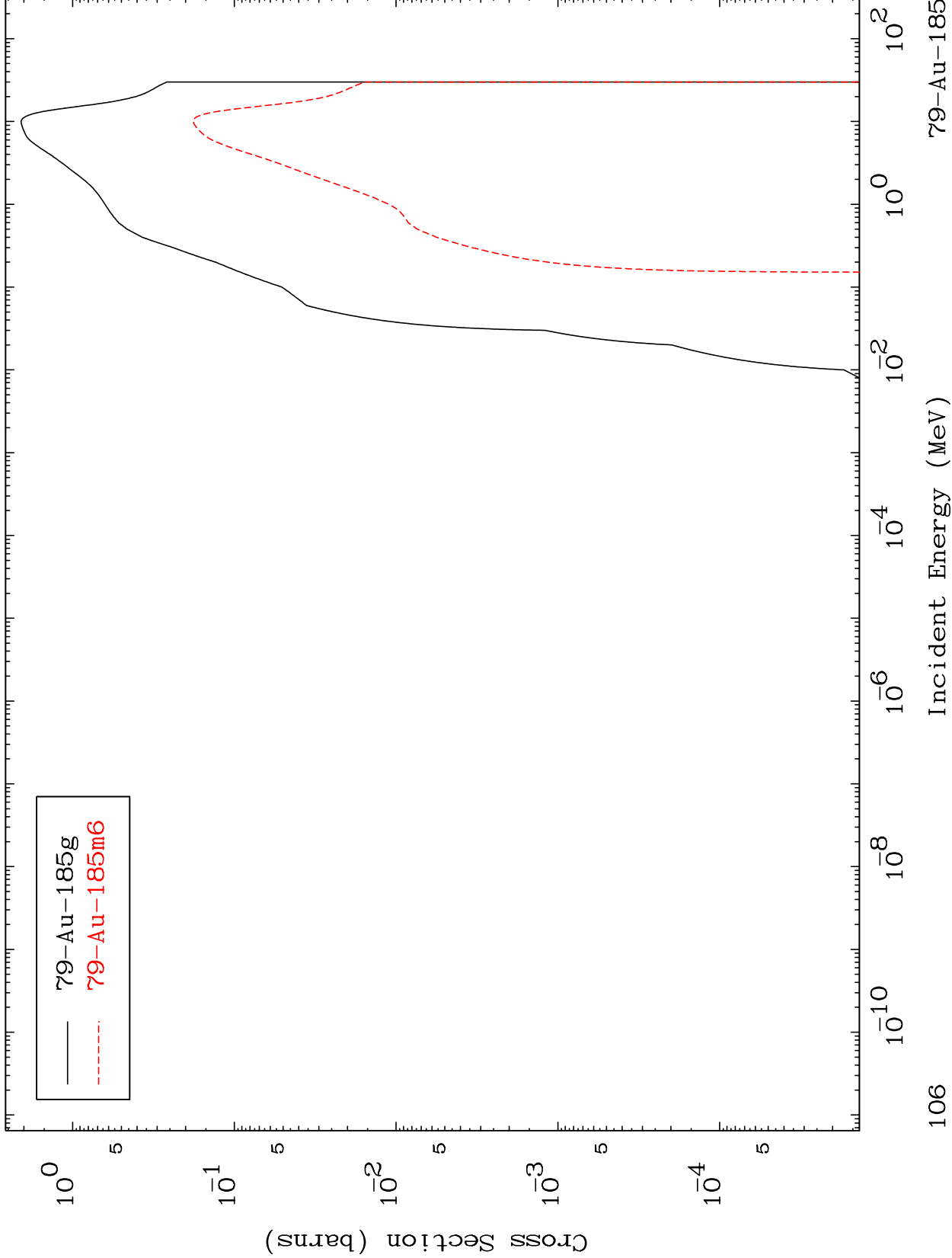
Incident Energy (MeV)

79-Au-185

MAT 7889

Inelastic
Radionuclide Production Cross Section

⁷⁹Au-185



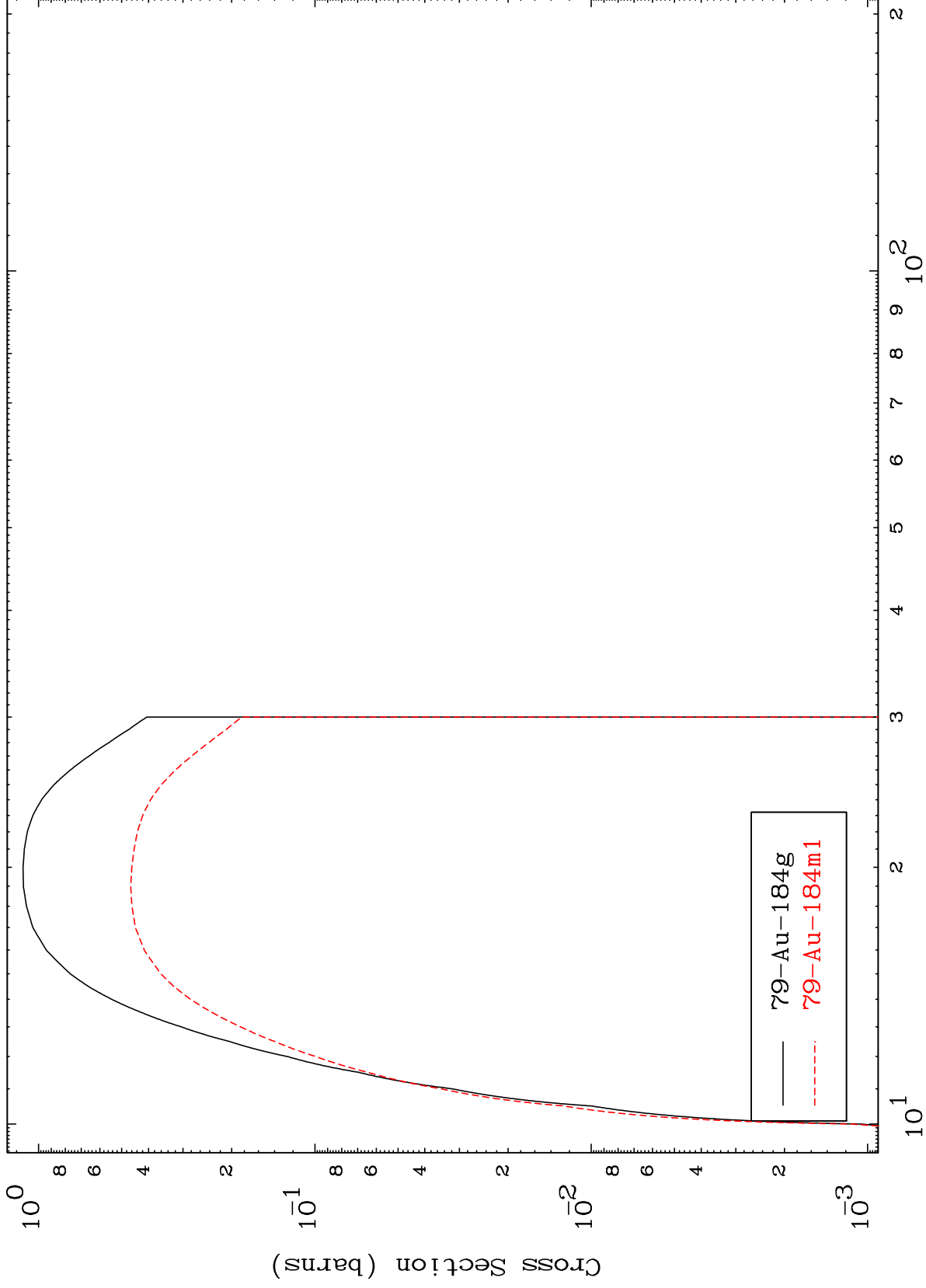
— 79-Au-185g
- - - 79-Au-185m6

MAT 7889

(n,2n)

⁷⁹Au-185

Radionuclide Production Cross Section



Incident Energy (MeV)

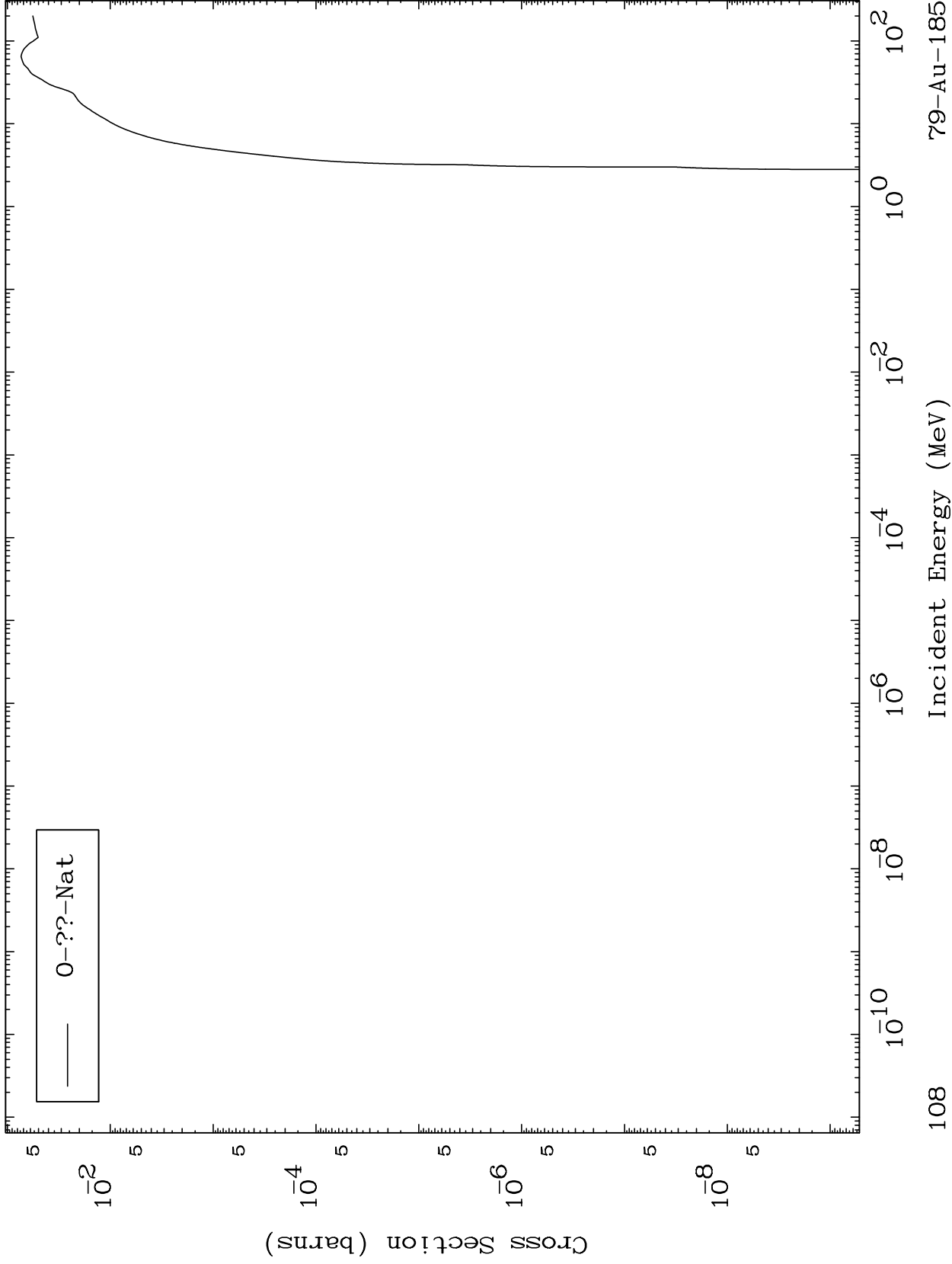
⁷⁹Au-185

MAT 7889

Fission

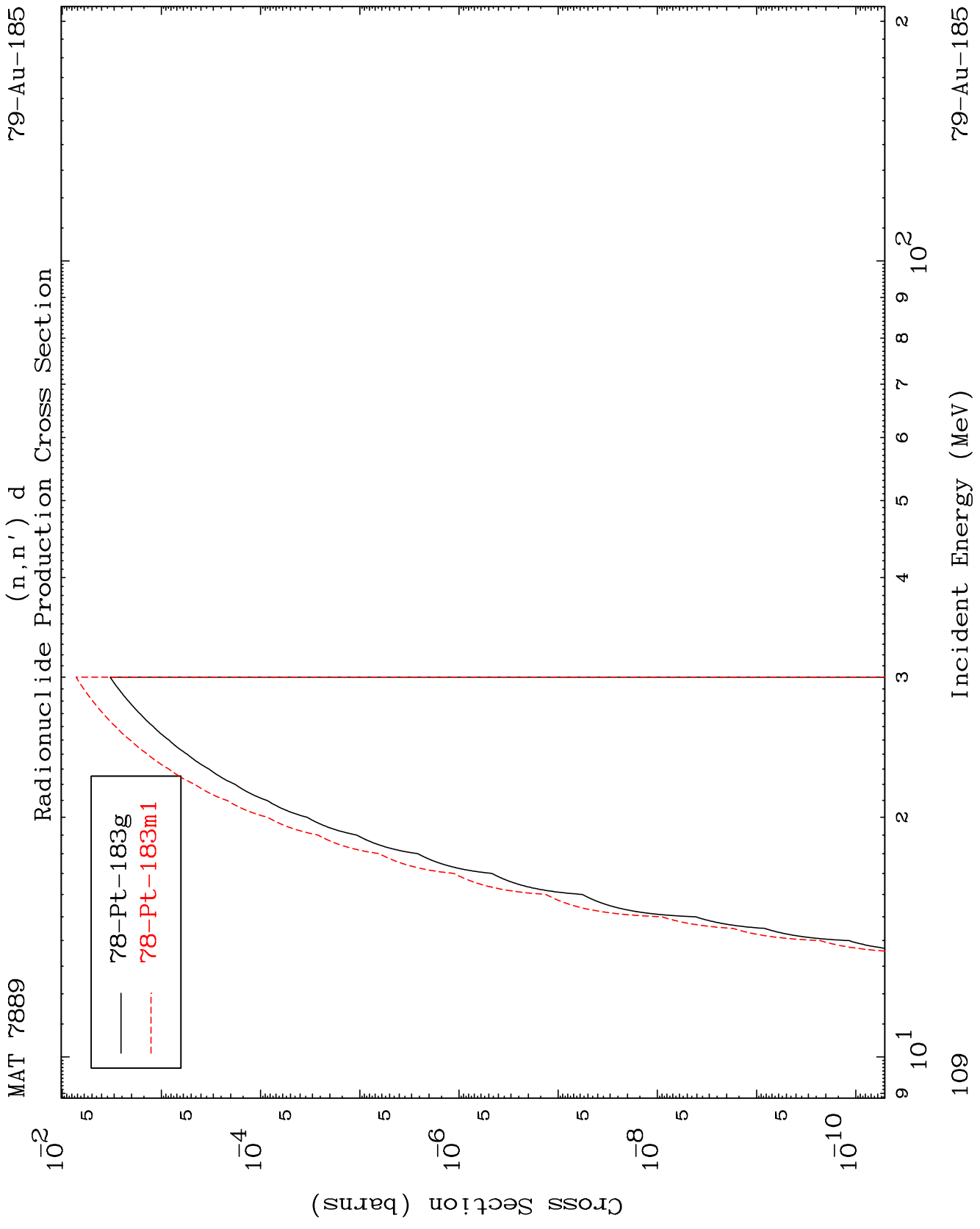
79-Au-185

Radionuclide Production Cross Section



108

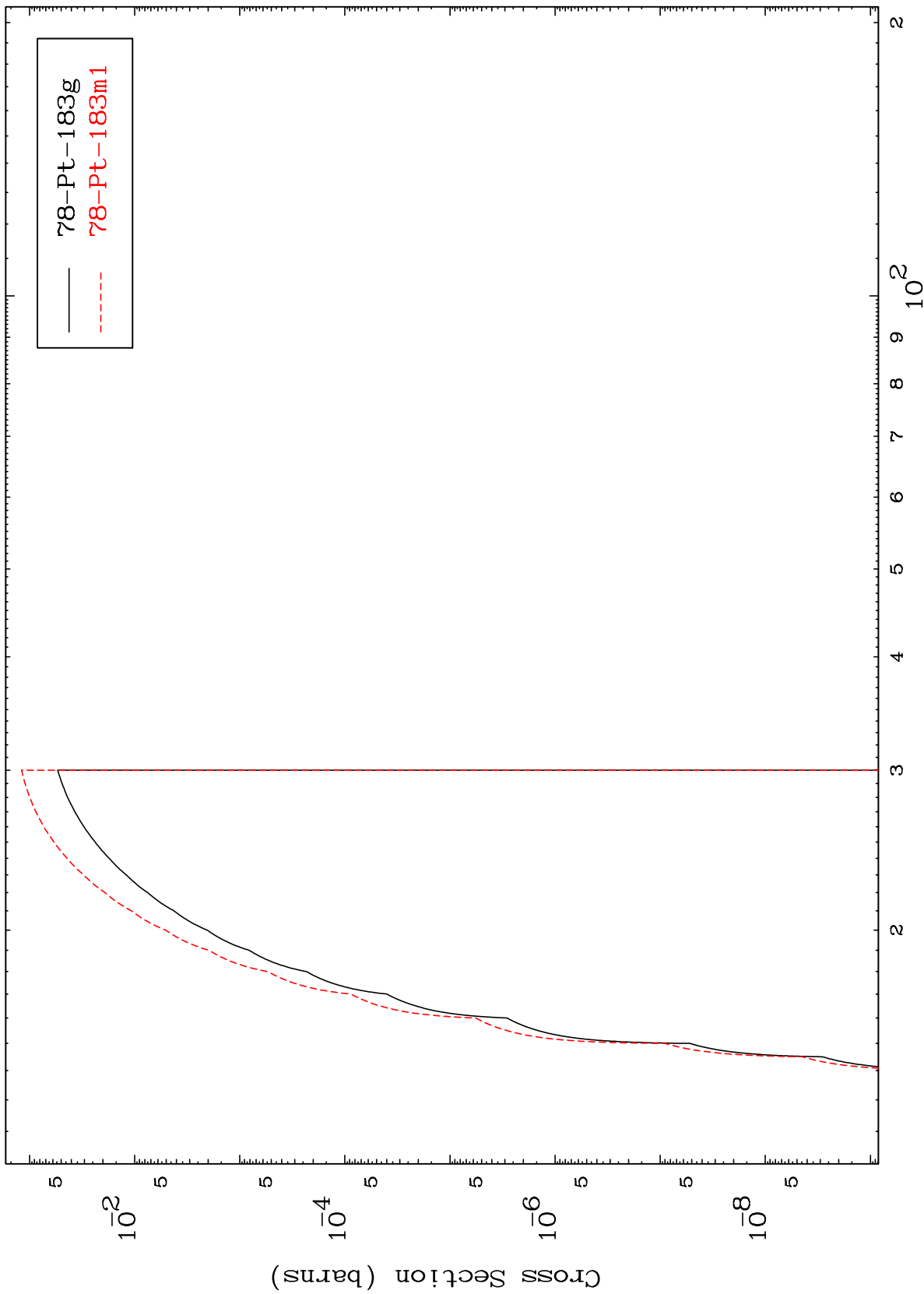
79-Au-185



MAT 7889

79-Au-185

(n,2n) p
Radionuclide Production Cross Section



78-Pt-183g
78-Pt-183m1

110

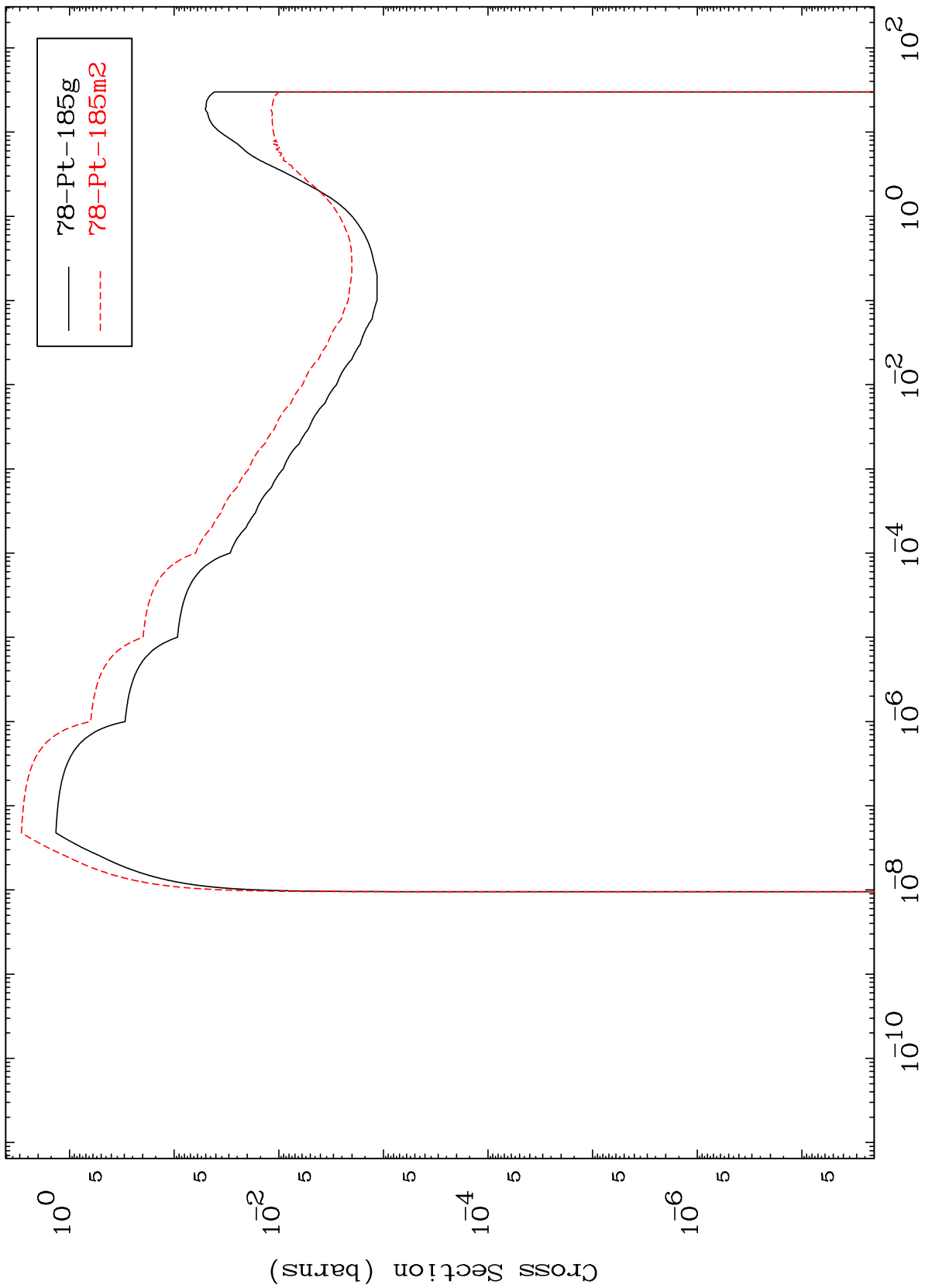
Incident Energy (MeV)

79-Au-185

MAT 7889

79-Au-185

(n,p)
Radionuclide Production Cross Section



111

79-Au-185

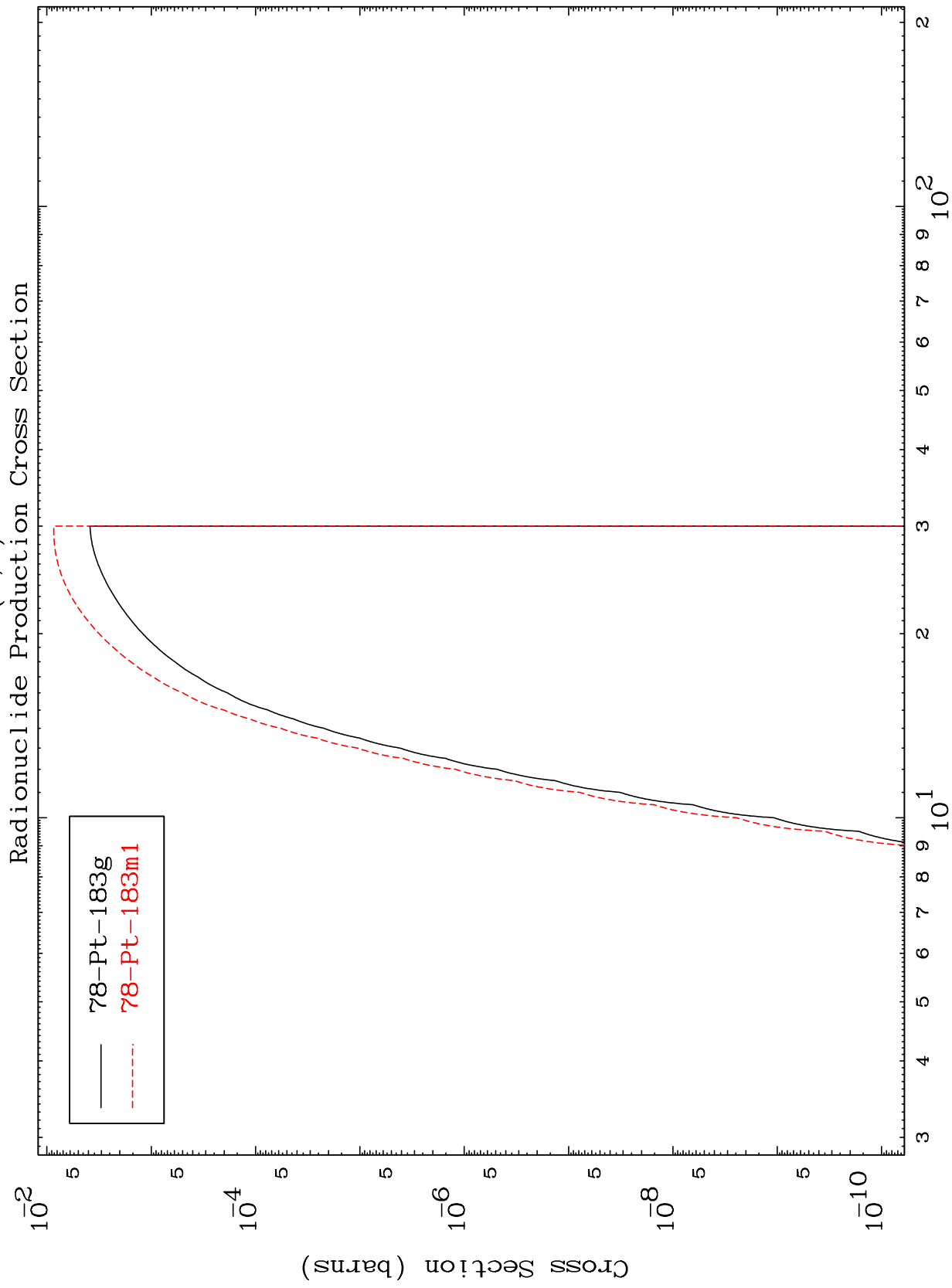
Incident Energy (MeV)

MAT 7889

79-Au-185

Radionuclide Production Cross Section

(n, t)



79-Au-185

Incident Energy (MeV)

112

MAT 7889

(n,p) α

⁷⁹Au-185

Radionuclide Production Cross Section

