

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

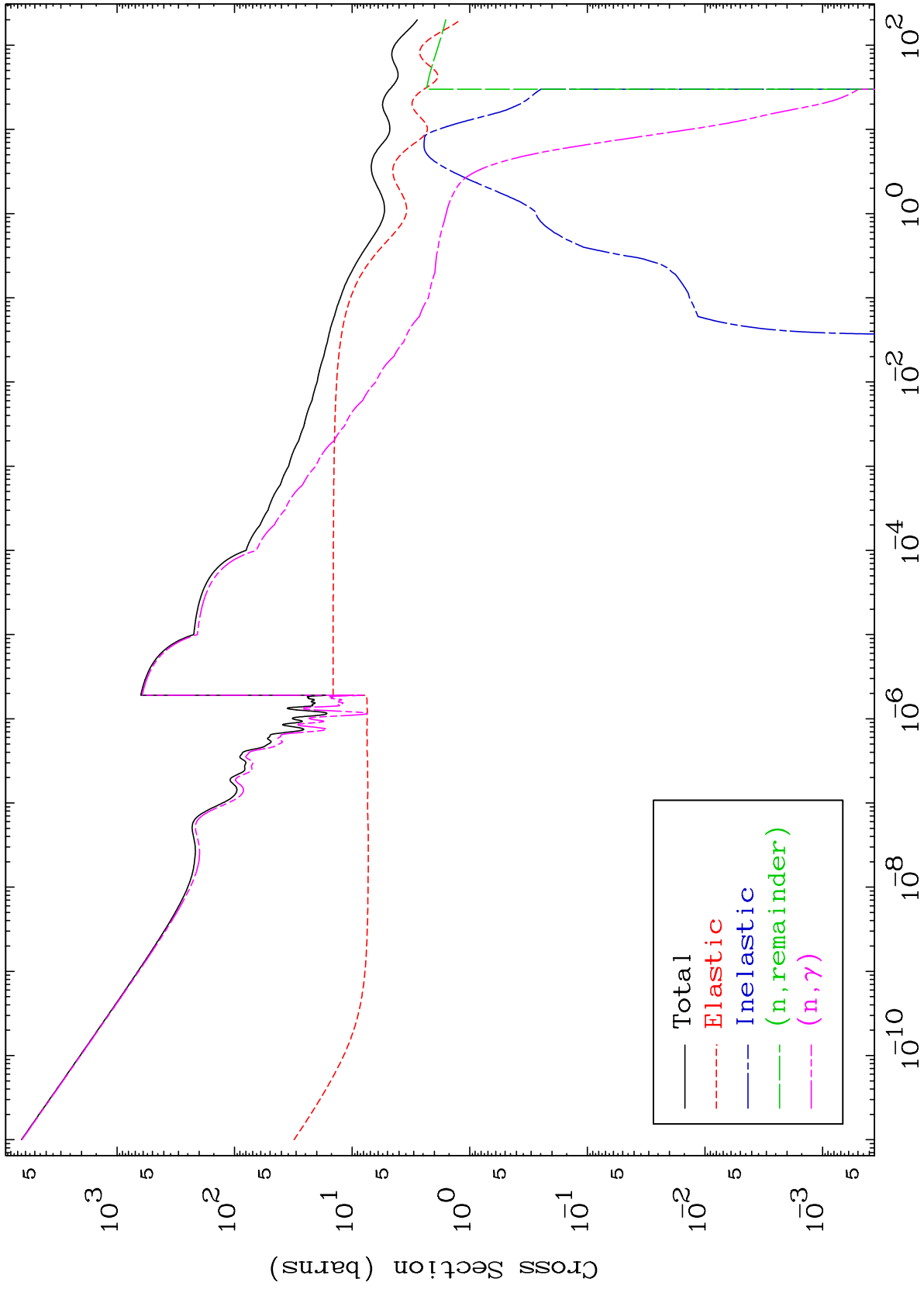
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7892

Major
293 Kelvin Cross Sections

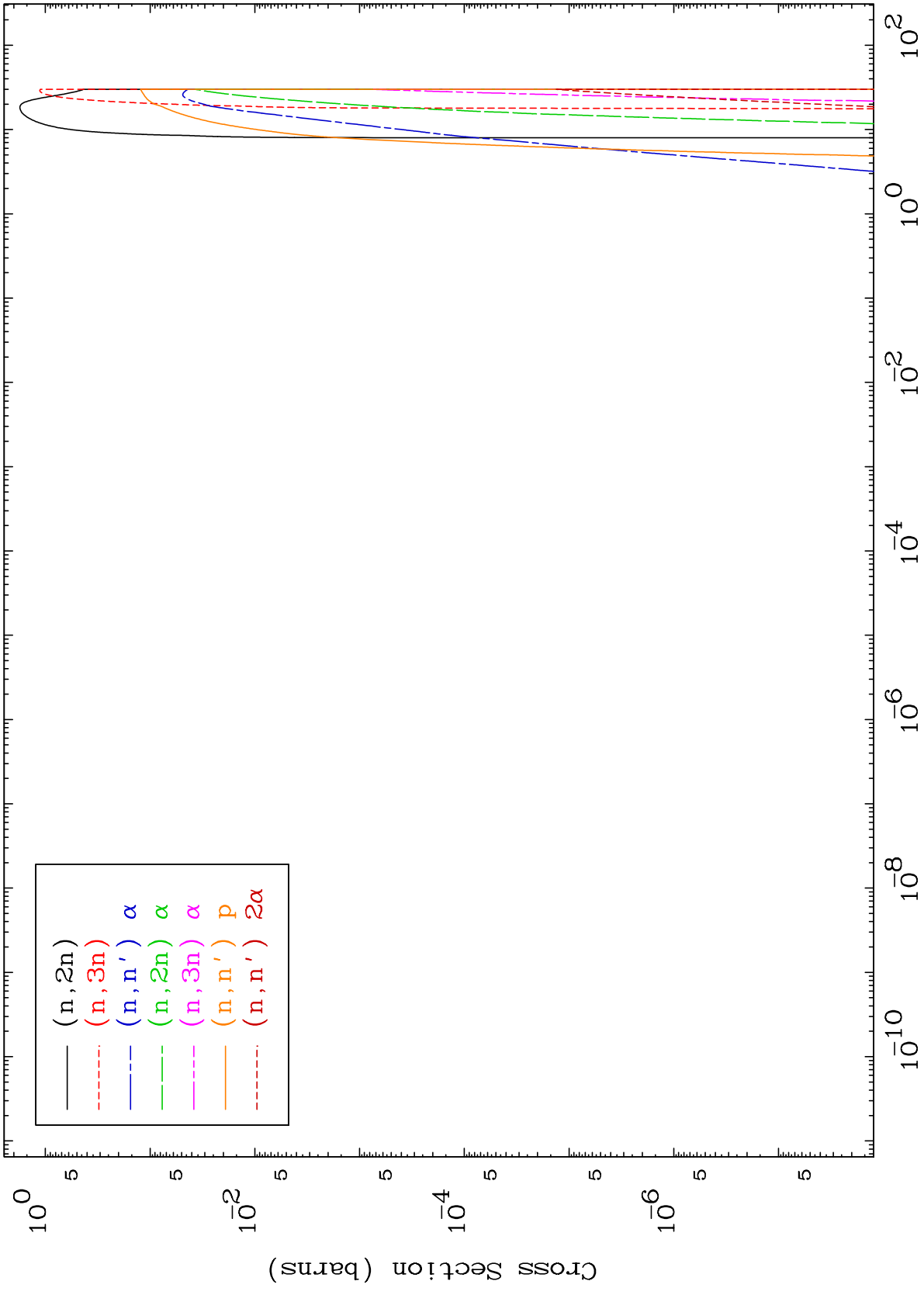
79-Au-186



MAT 7892

Neutron Production
293 Kelvin Cross Sections

79-Au-186

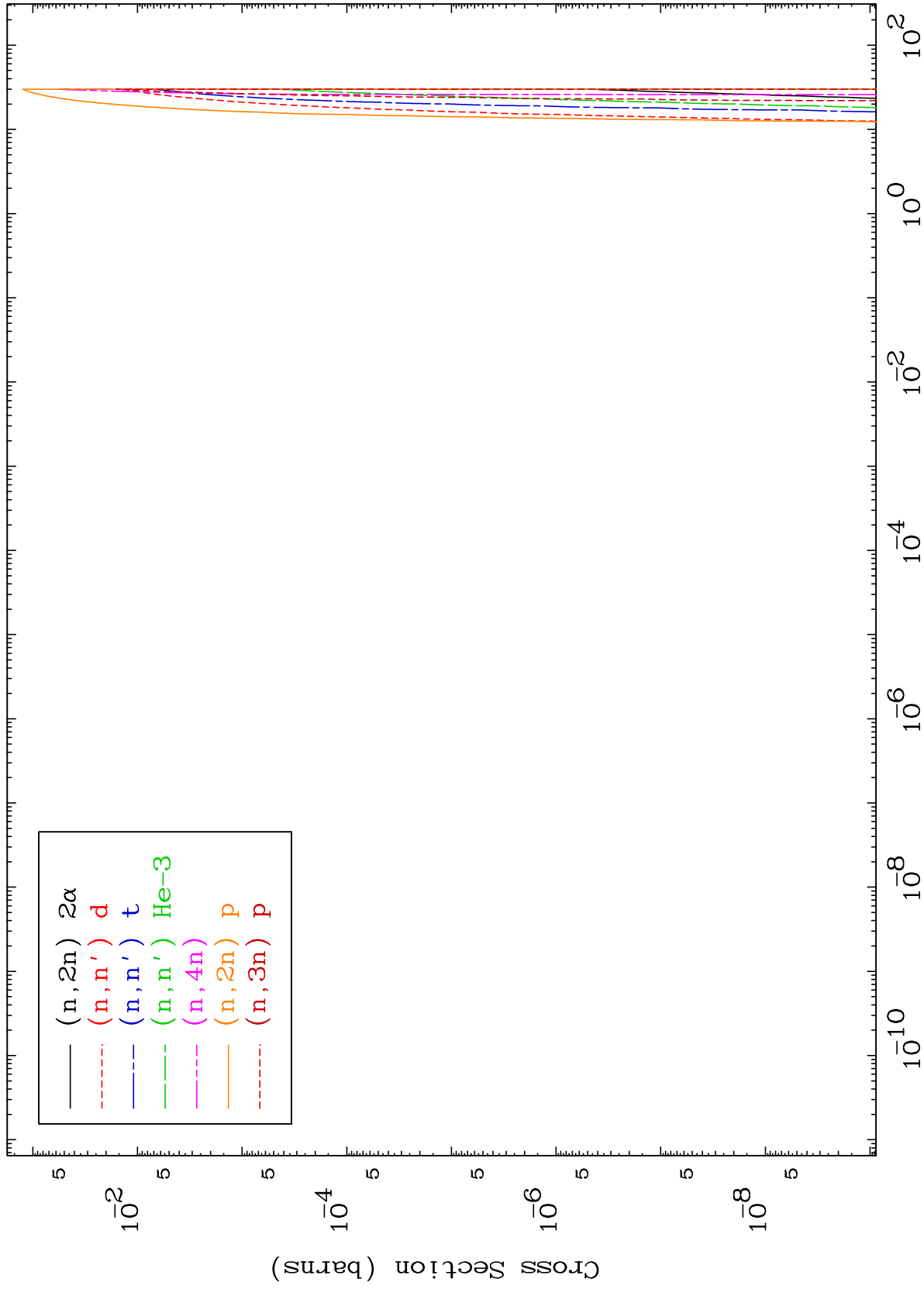


79-Au-186

MAT 7892

Neutron Production
293 Kelvin Cross Sections

79-Au-186

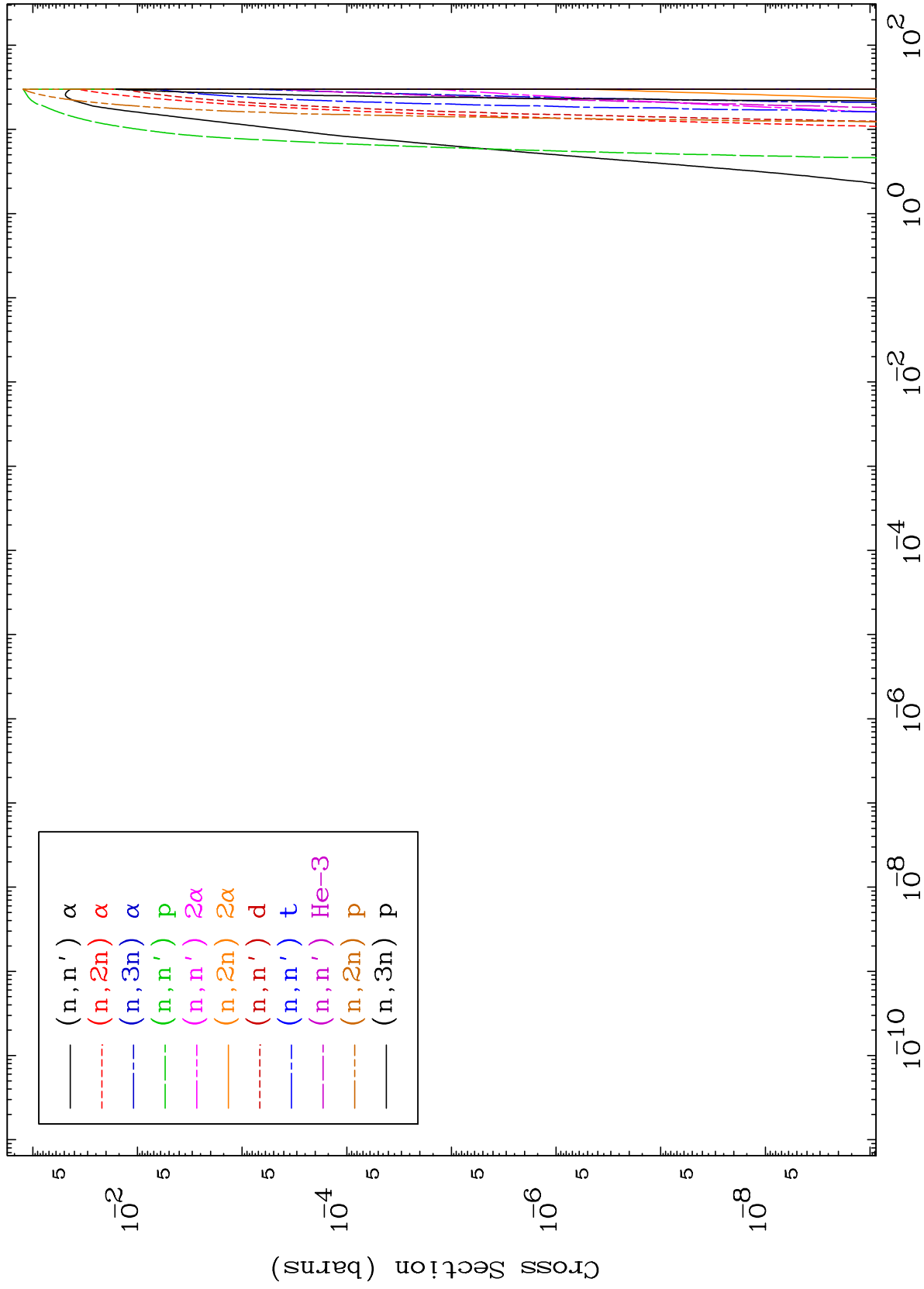


79-Au-186

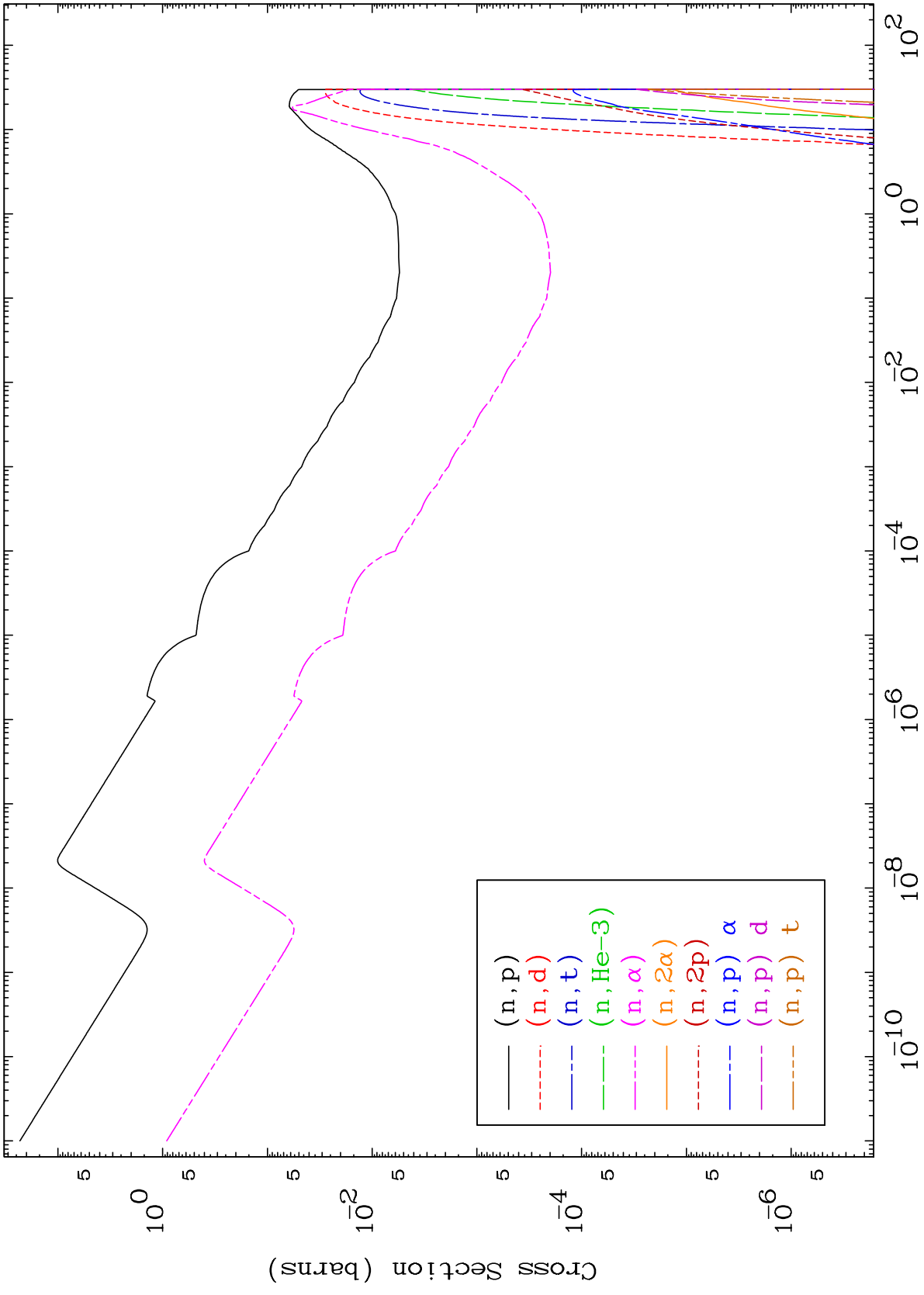
MAT 7892

Charged Particle
293 Kelvin Cross Sections

79-Au-186



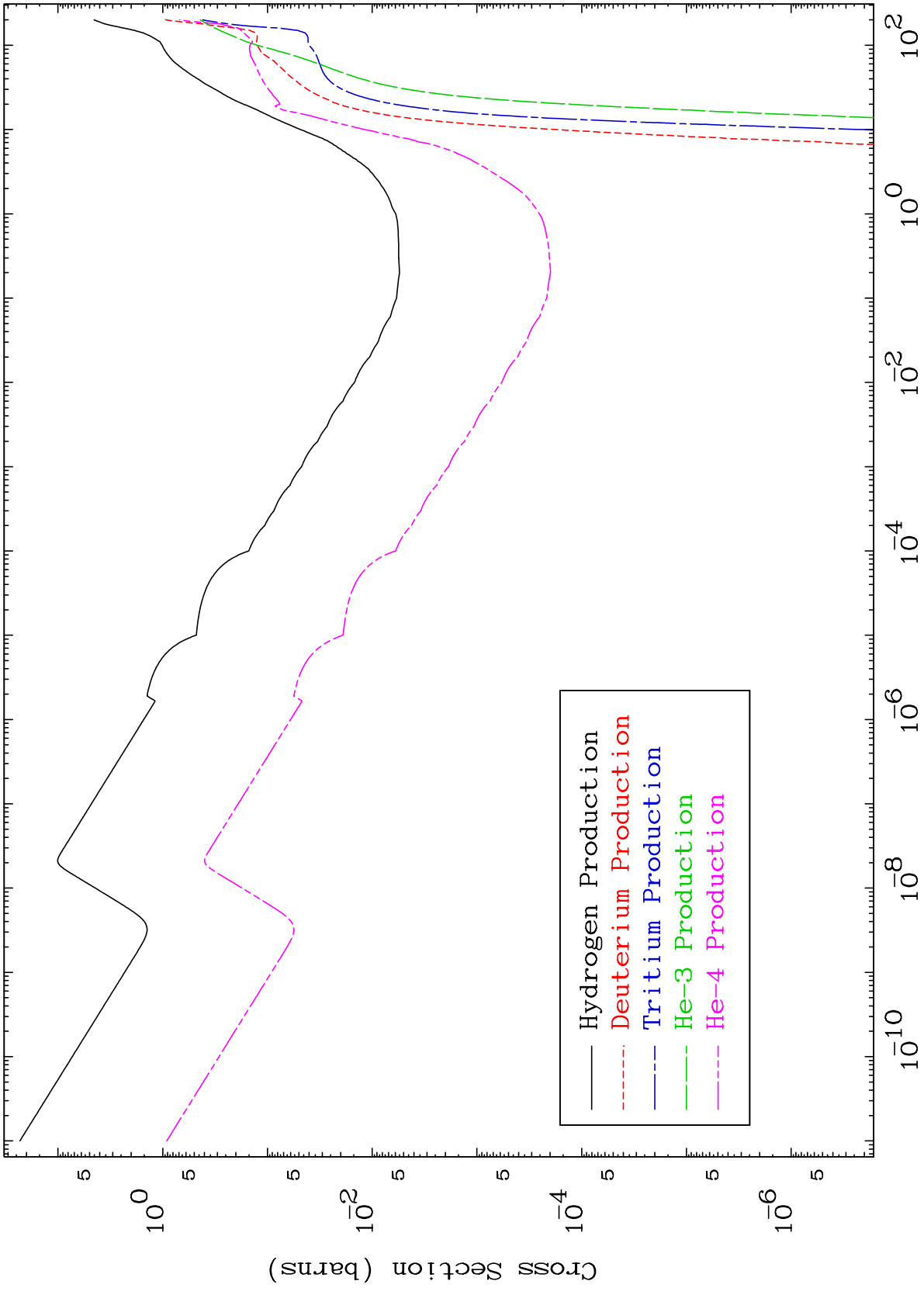
79-Au-186



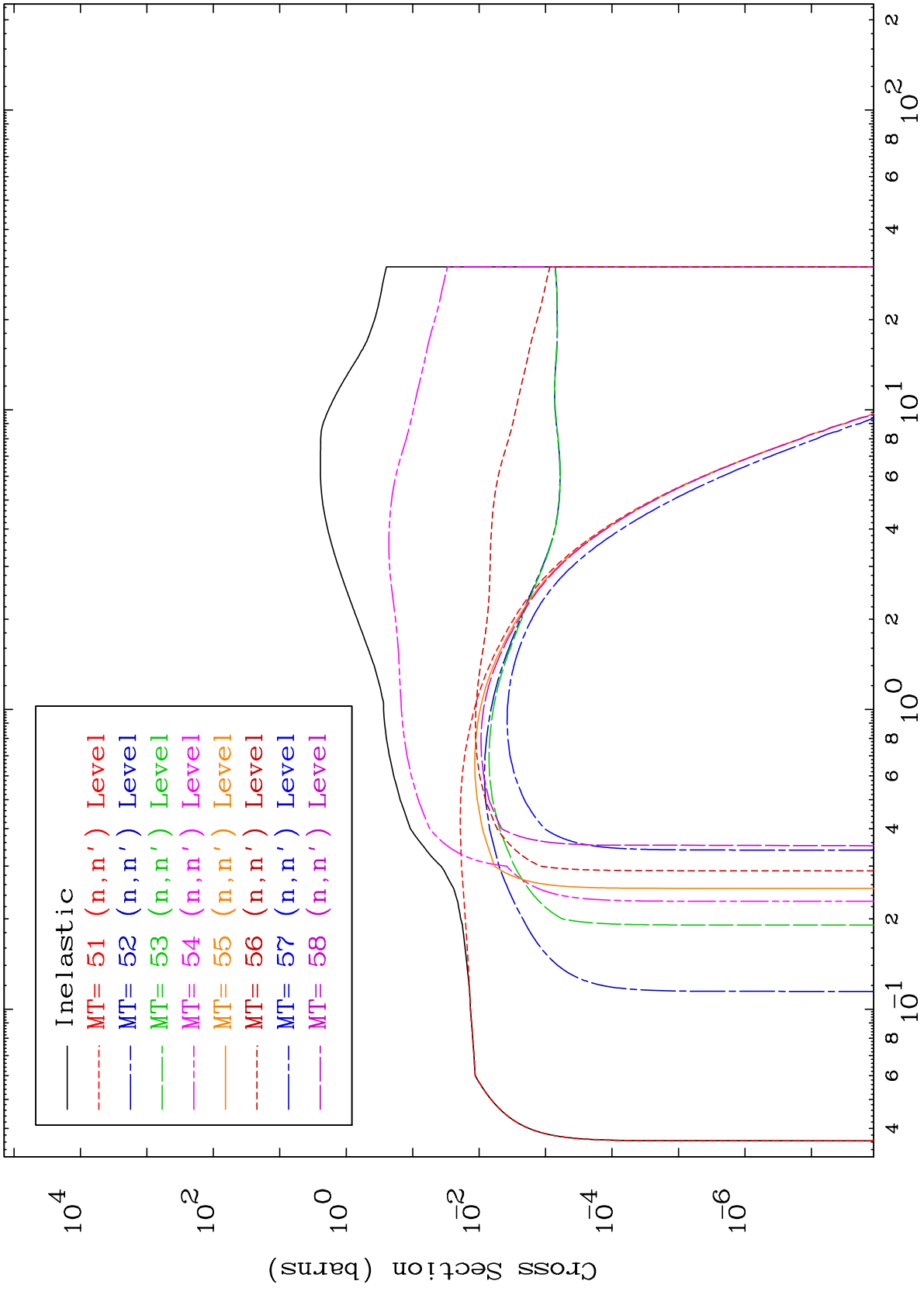
MAT 7892

Particle Production
293 Kelvin Cross Sections

79-Au-186



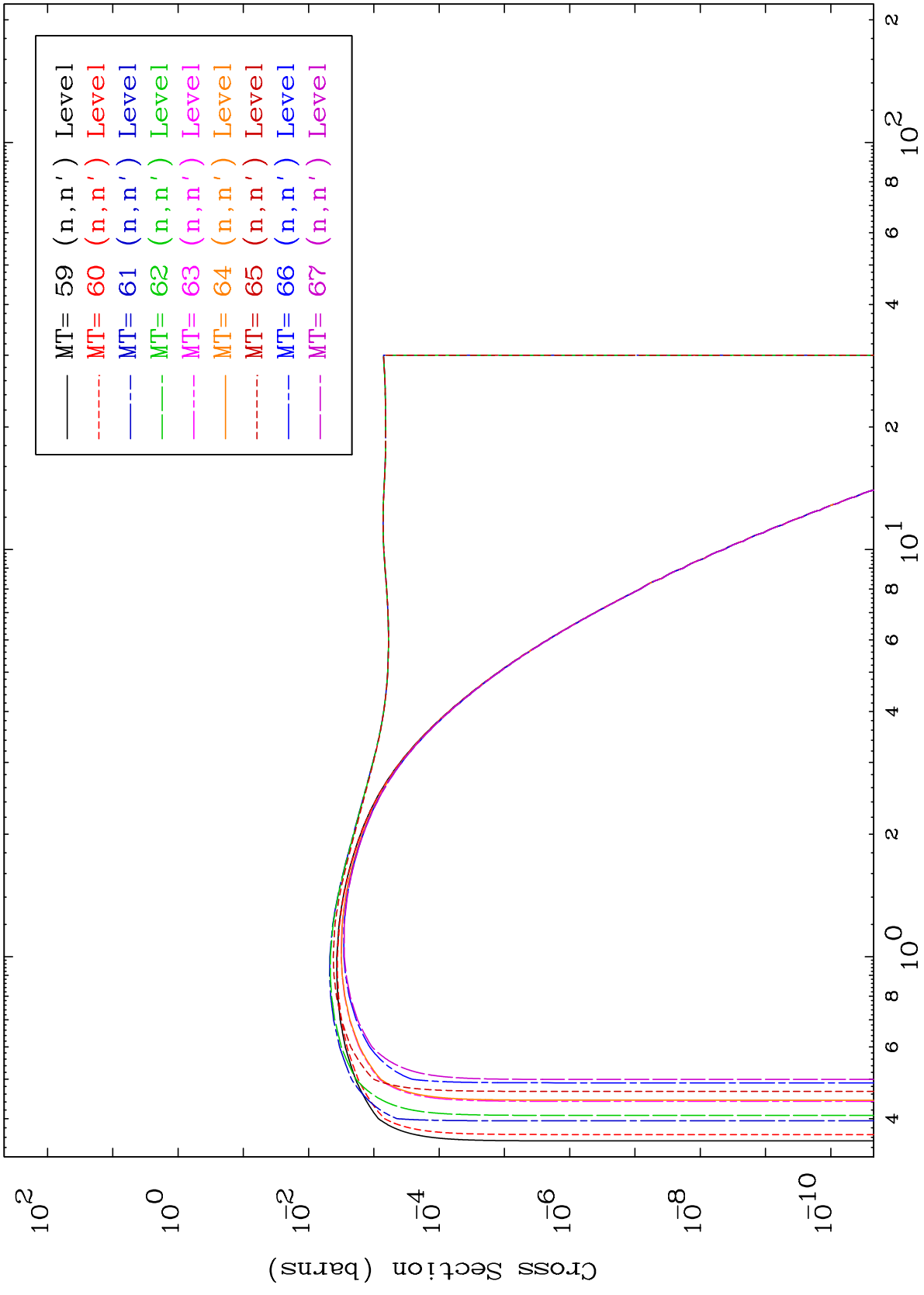
79-Au-186



MAT 7892

(n,n') Level
293 Kelvin Cross Sections

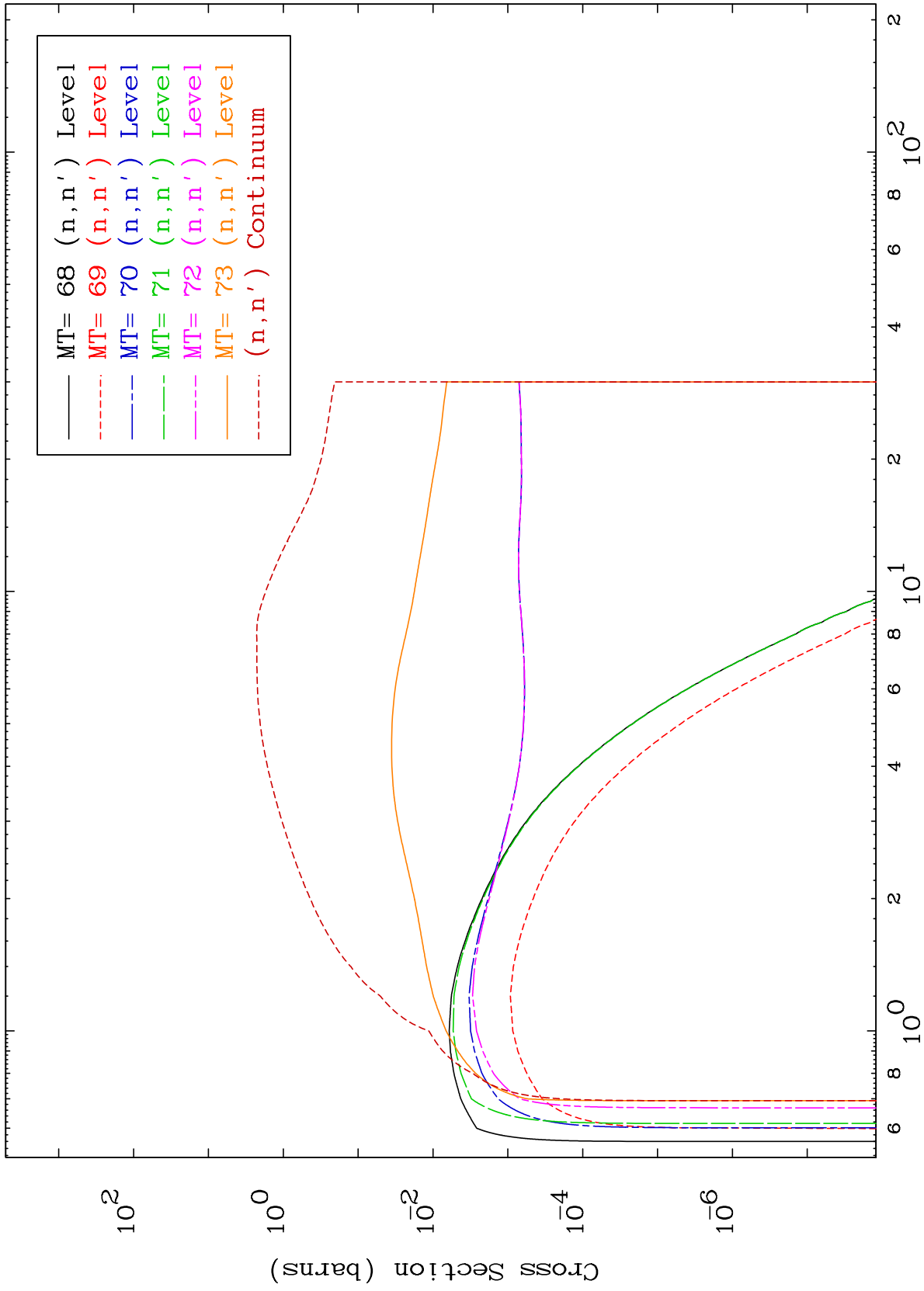
79-Au-186



8

Incident Energy (MeV)

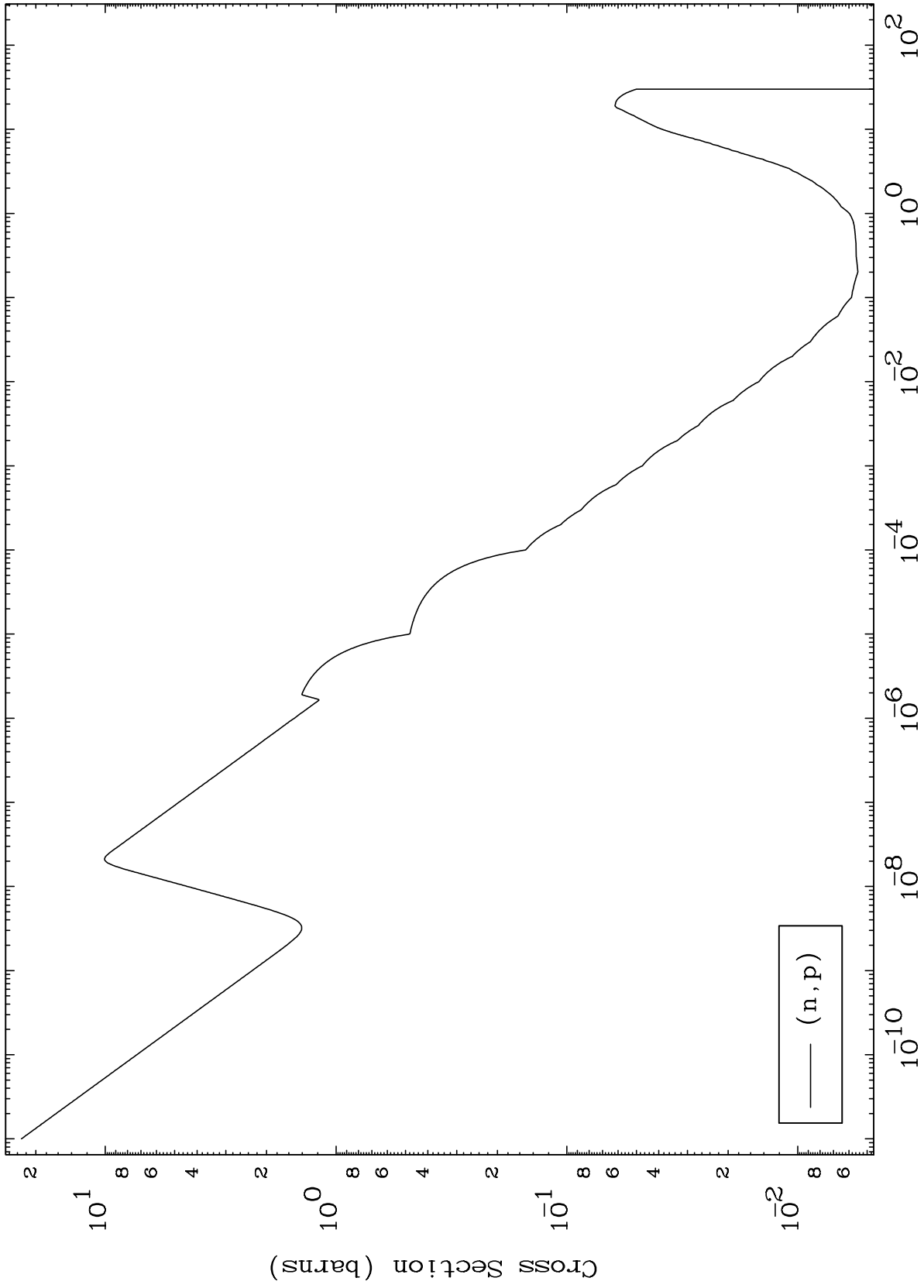
79-Au-186



MAT 7892

(n,p) Levels
293 Kelvin Cross Sections

79-Au-186



10

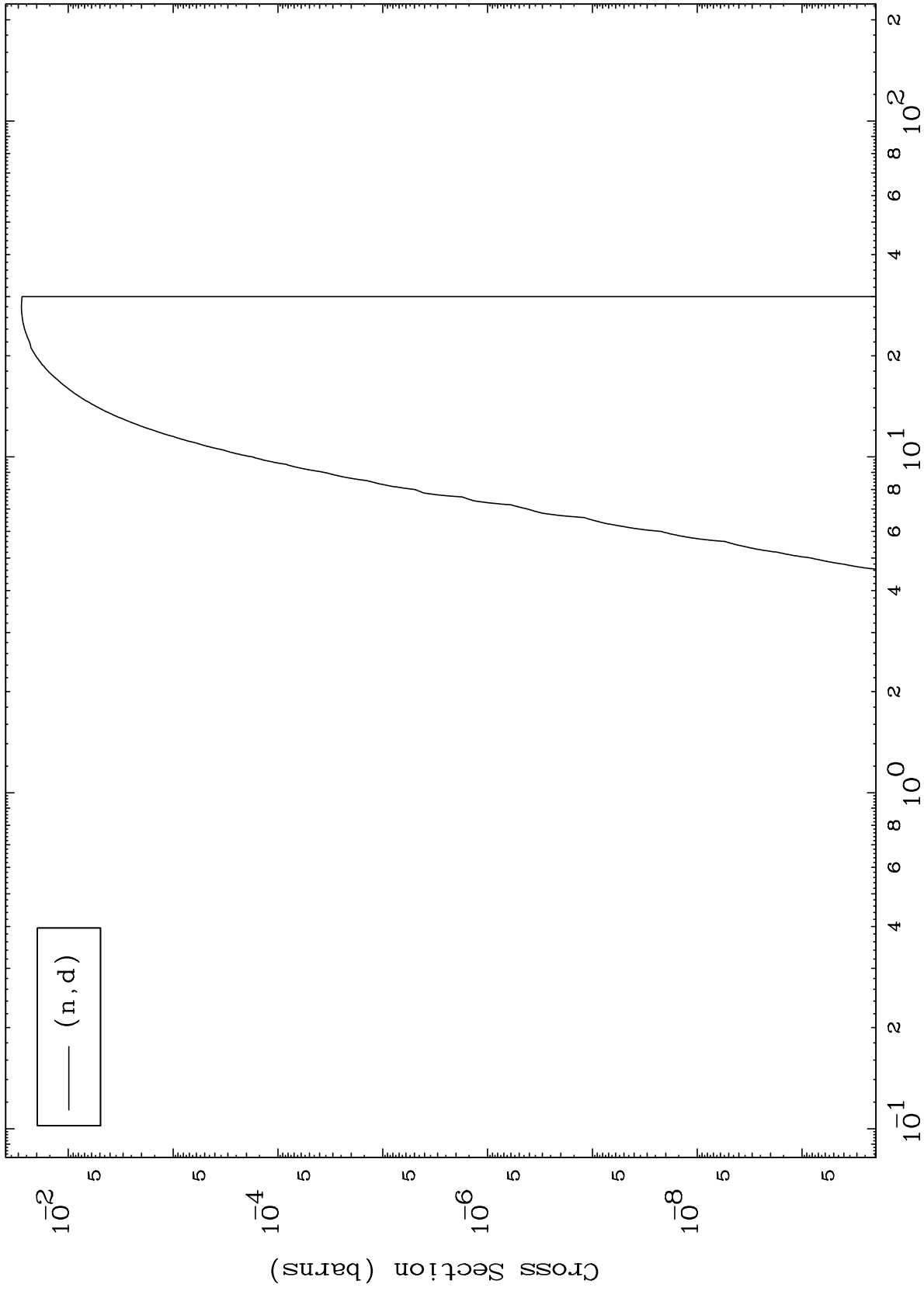
Incident Energy (MeV)

79-Au-186

MAT 7892

(n,d) Levels
293 Kelvin Cross Sections

79-Au-186



11

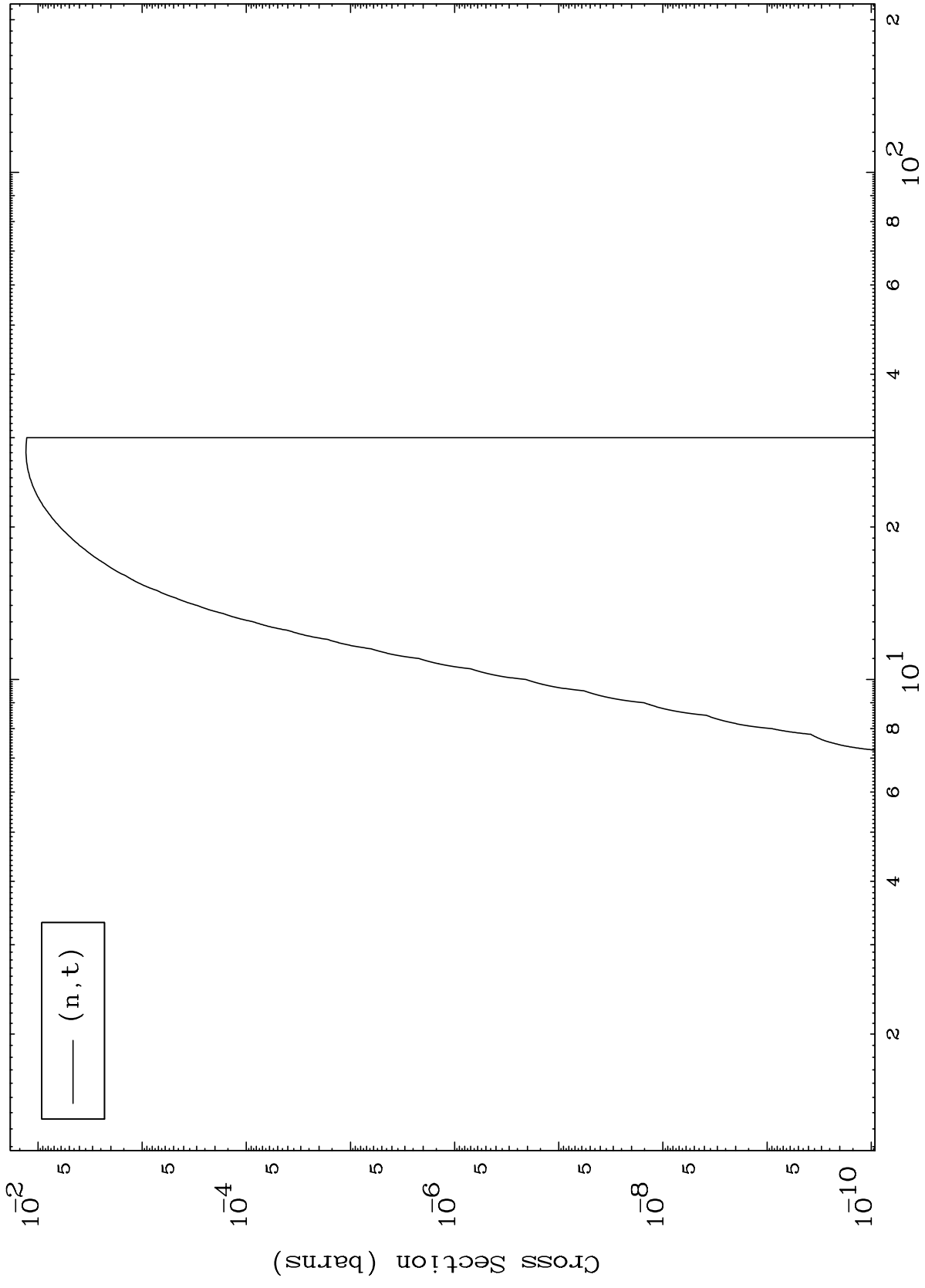
Incident Energy (MeV)

79-Au-186

MAT 7892

(n,t) Levels
293 Kelvin Cross Sections

79-Au-186



12

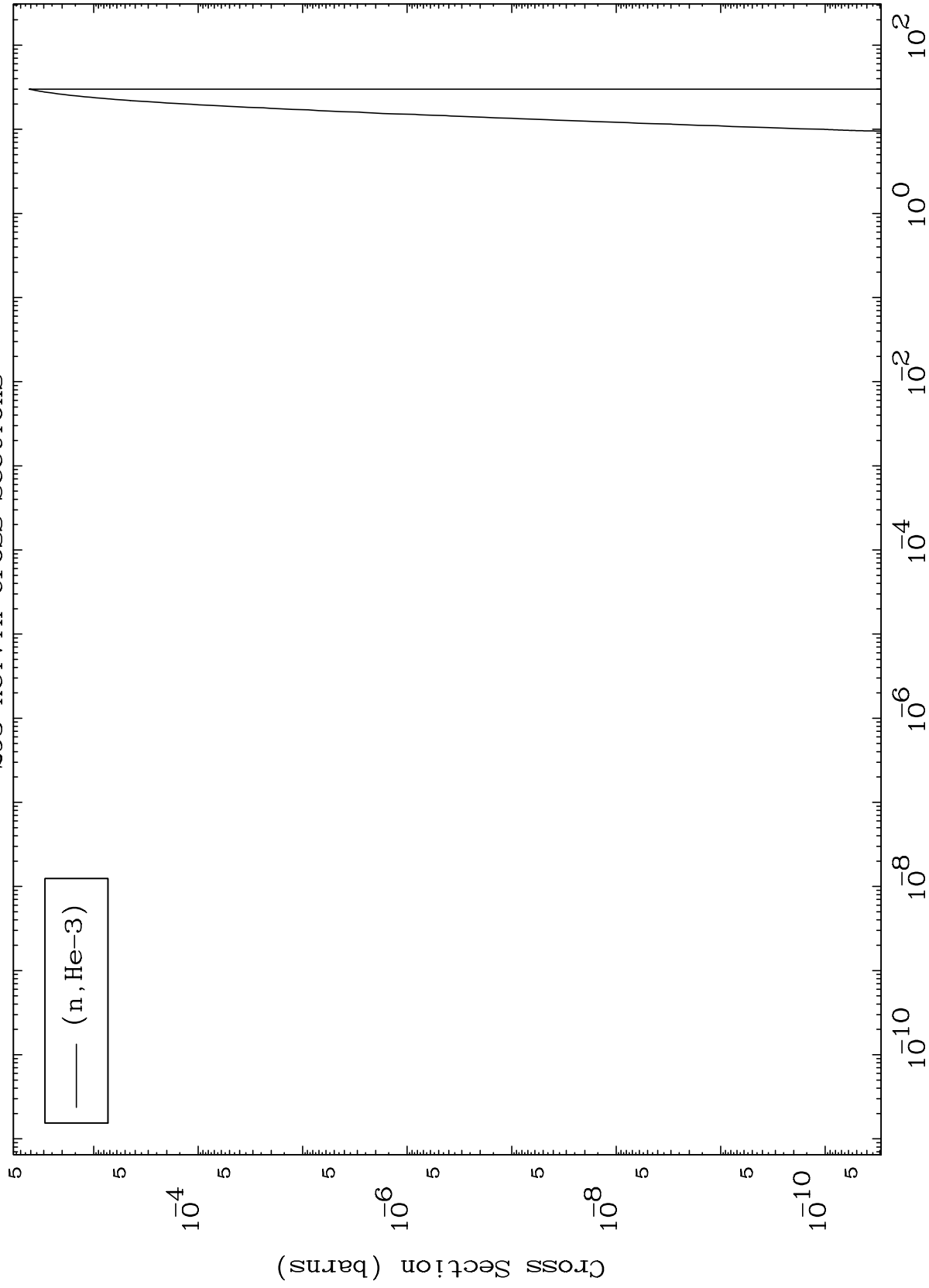
Incident Energy (MeV)

79-Au-186

MAT 7892

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-186



13

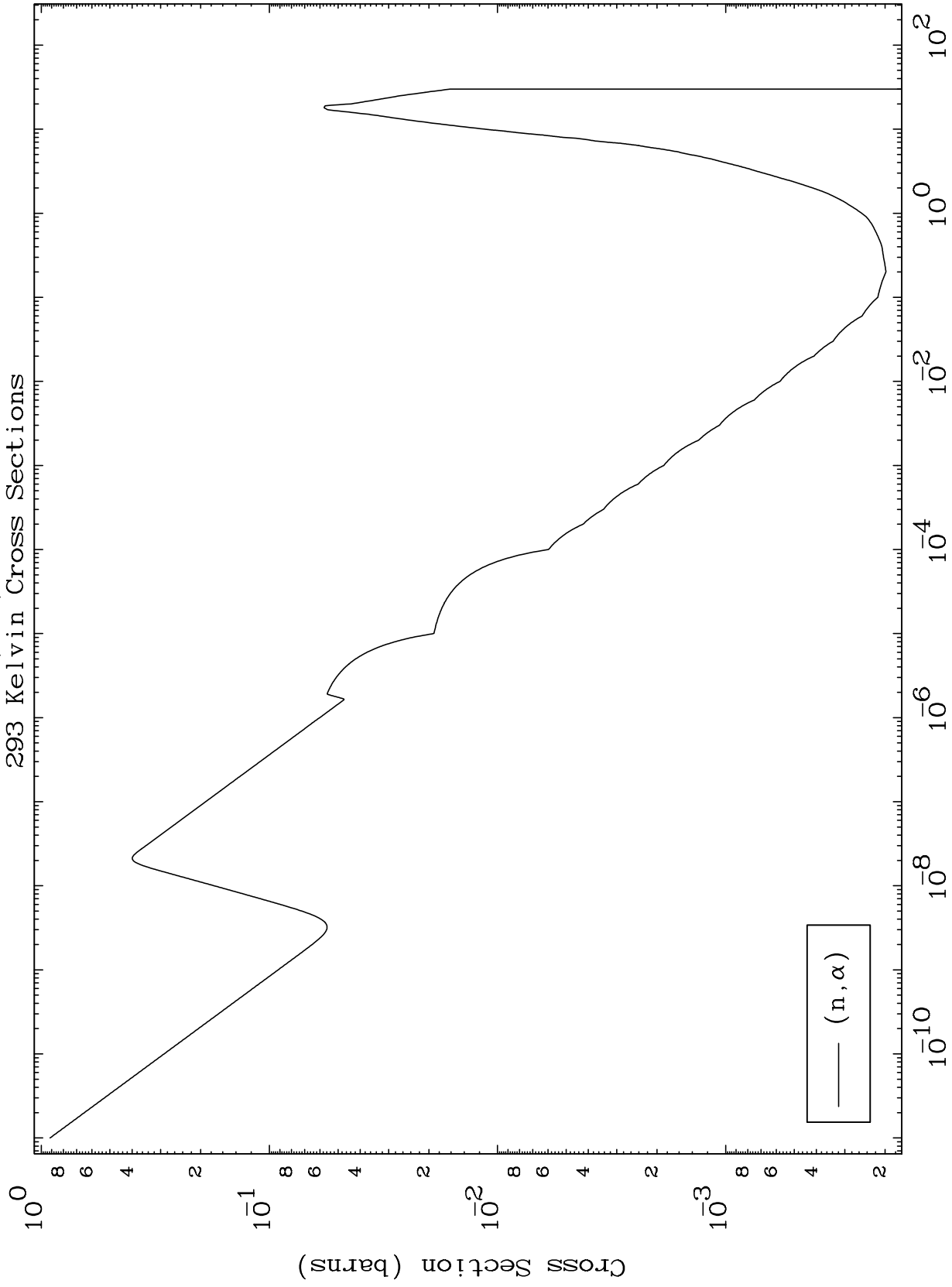
Incident Energy (MeV)

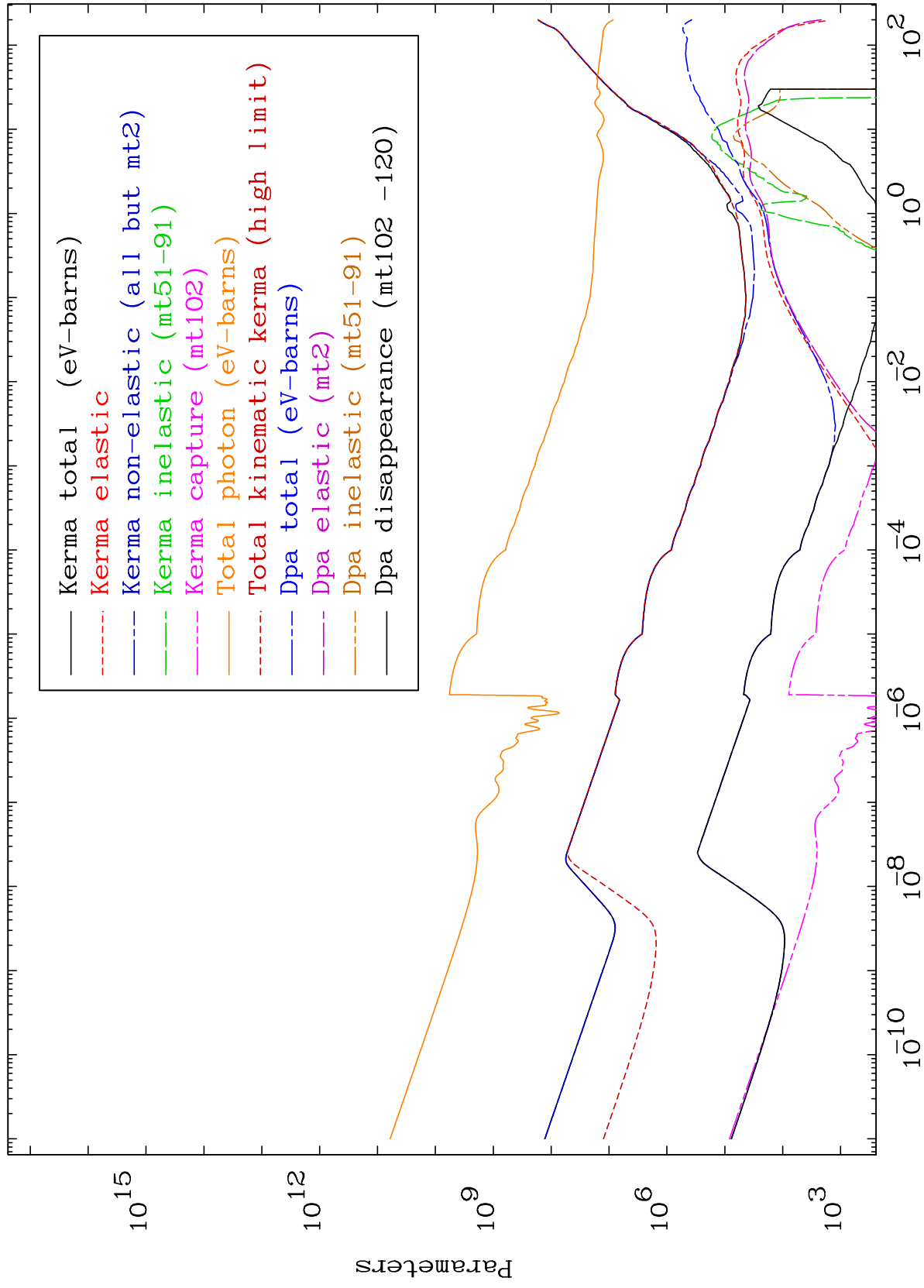
79-Au-186

MAT 7892

(n, α) Levels
293 Kelvin Cross Sections

79-Au-186

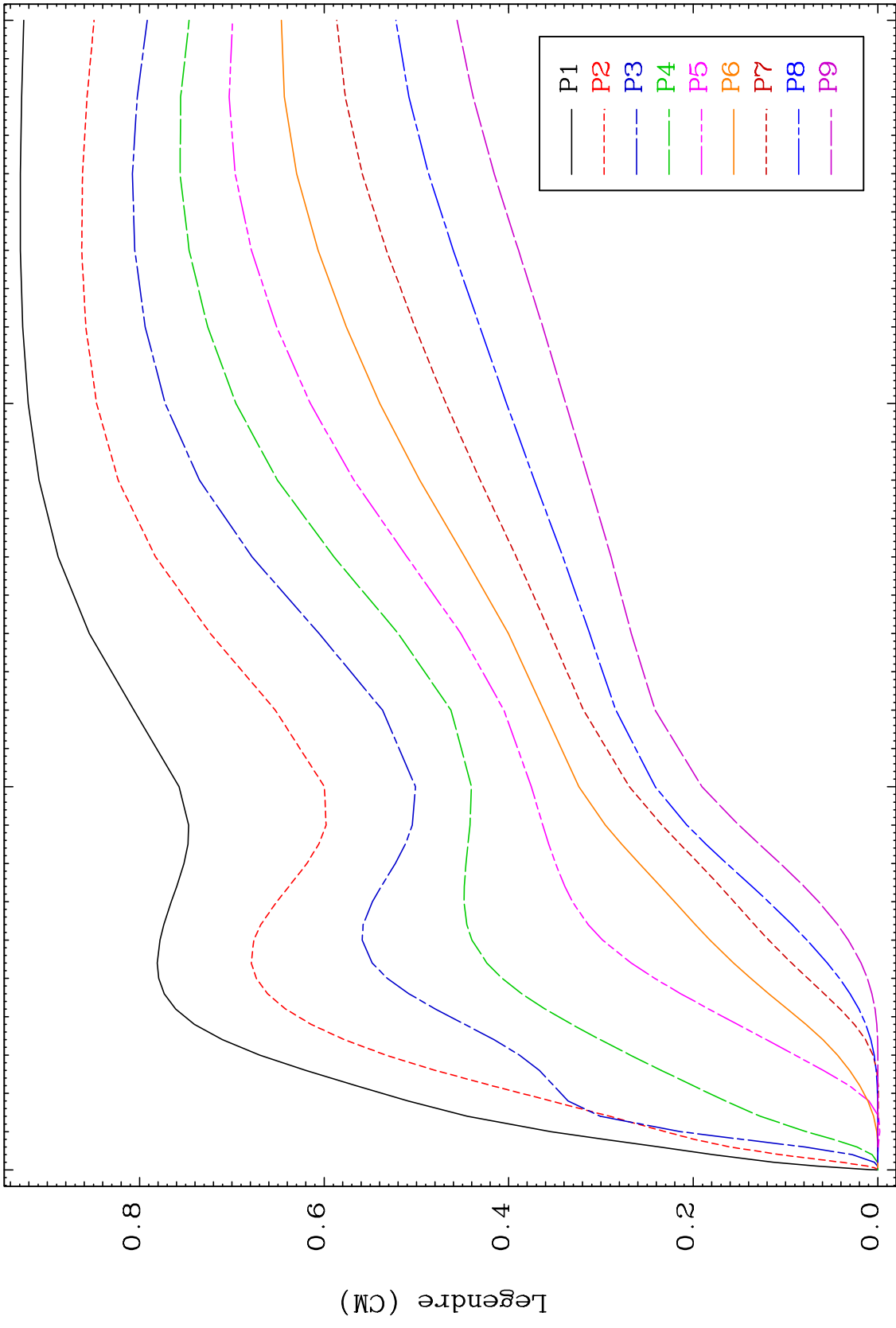




MAT 7892

Elastic Legendre Coefficients

⁷⁹Au-¹⁸⁶



16

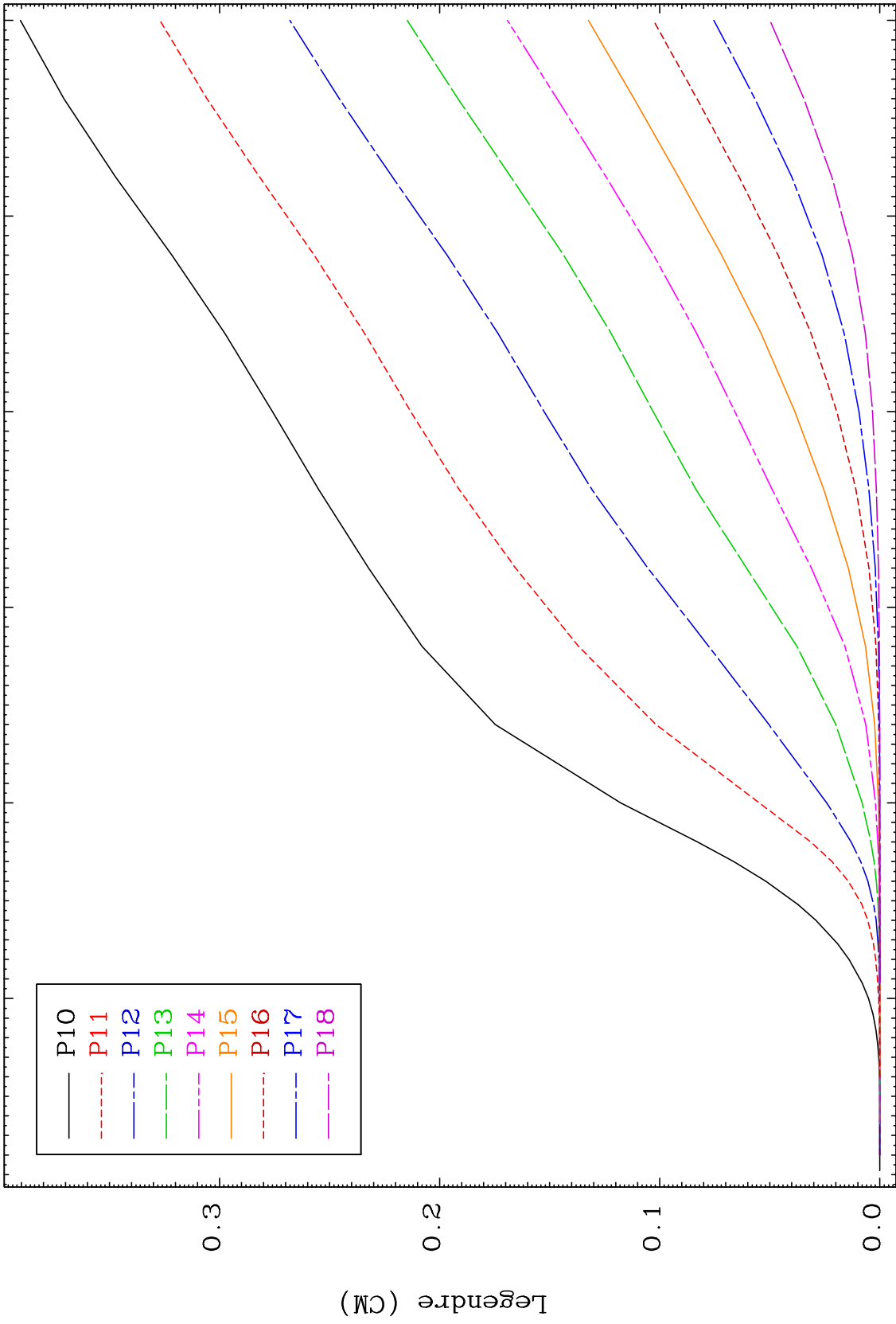
Incident Energy (MeV)

⁷⁹Au-¹⁸⁶

MAT 7892

Elastic Legendre Coefficients

⁷⁹Au-¹⁸⁶



17

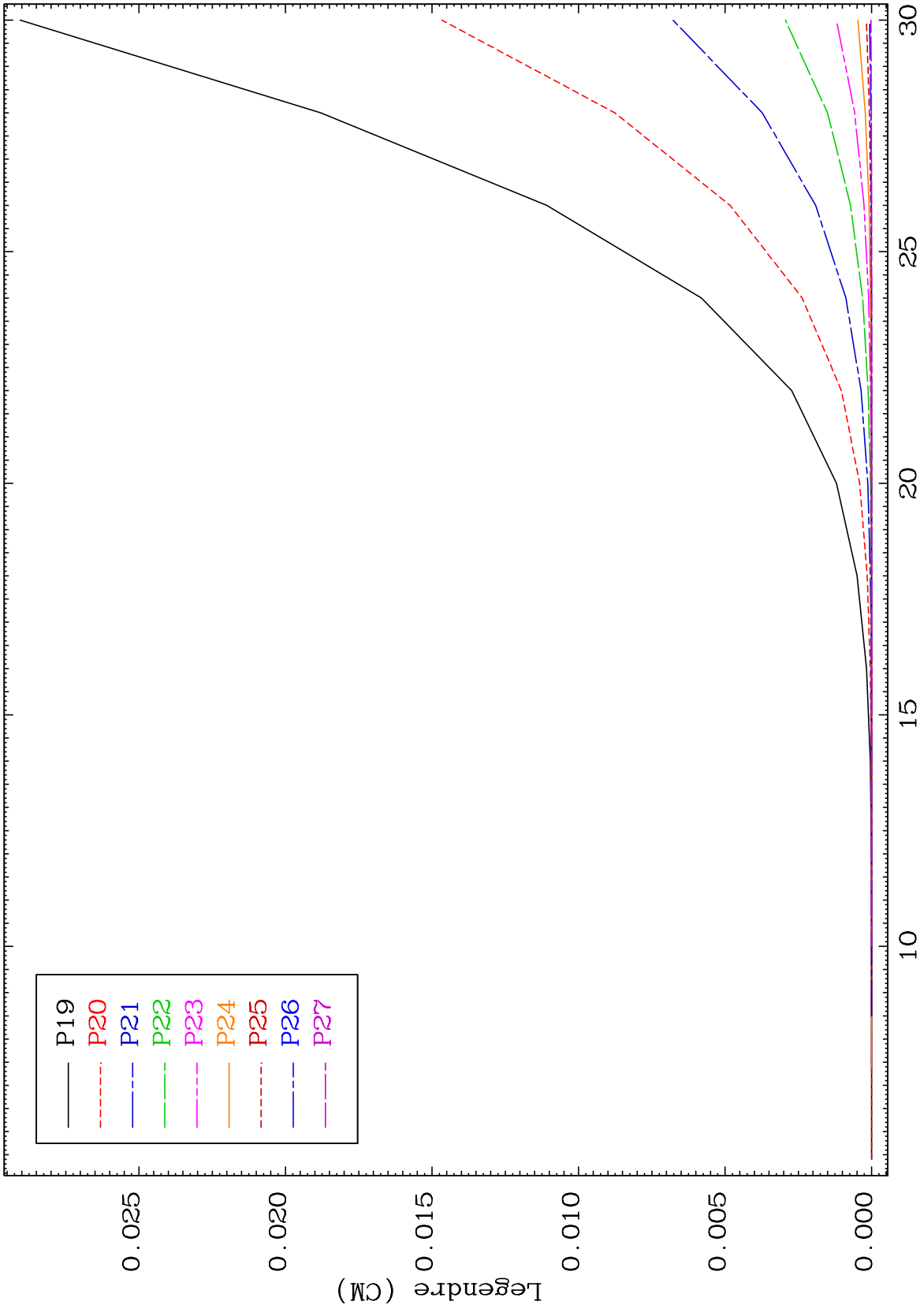
Incident Energy (MeV)

⁷⁹Au-¹⁸⁶

MAT 7892

Elastic Legendre Coefficients

79-Au-186



18

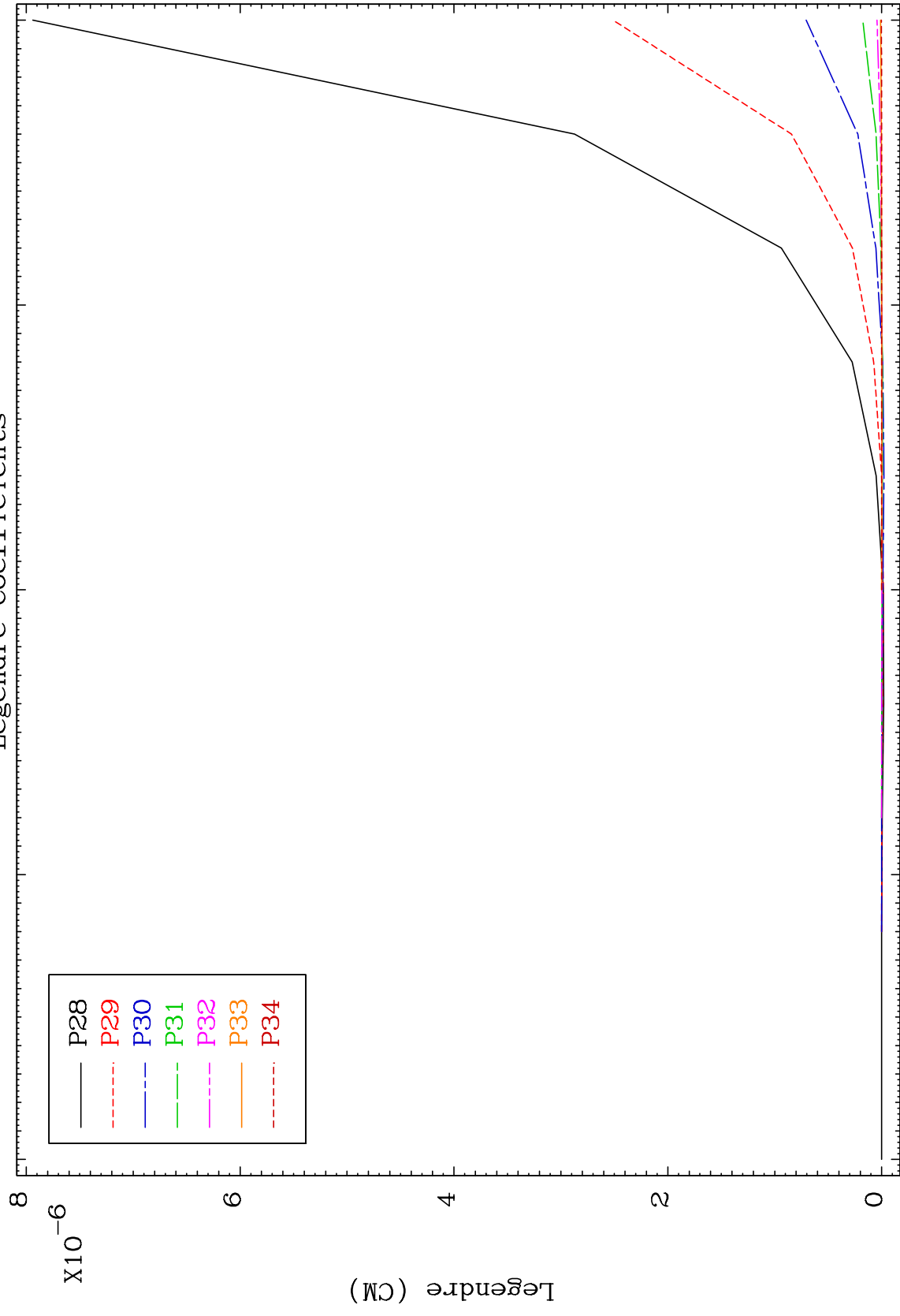
Incident Energy (MeV)

79-Au-186

MAT 7892

Elastic Legendre Coefficients

79-Au-186



19

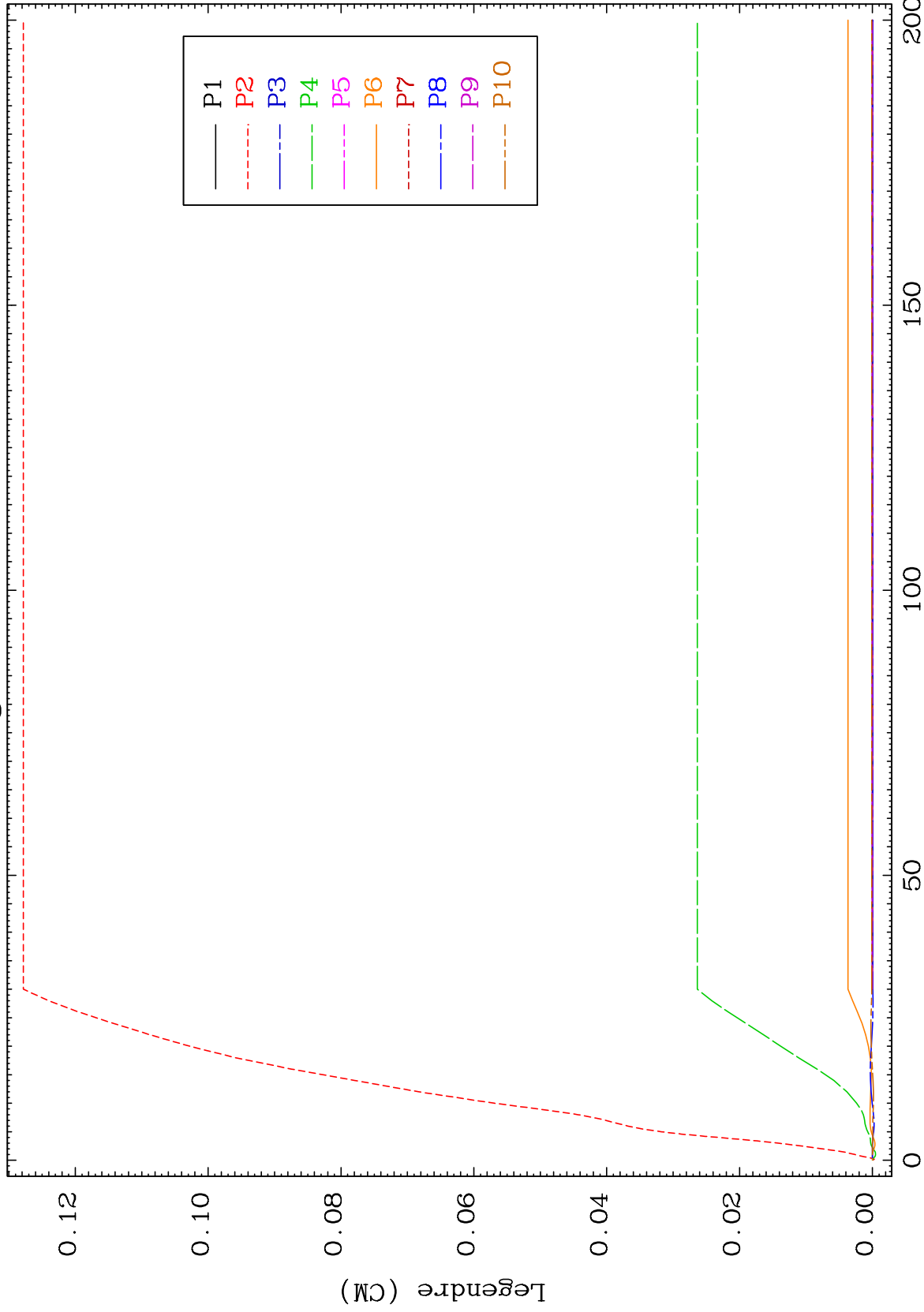
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



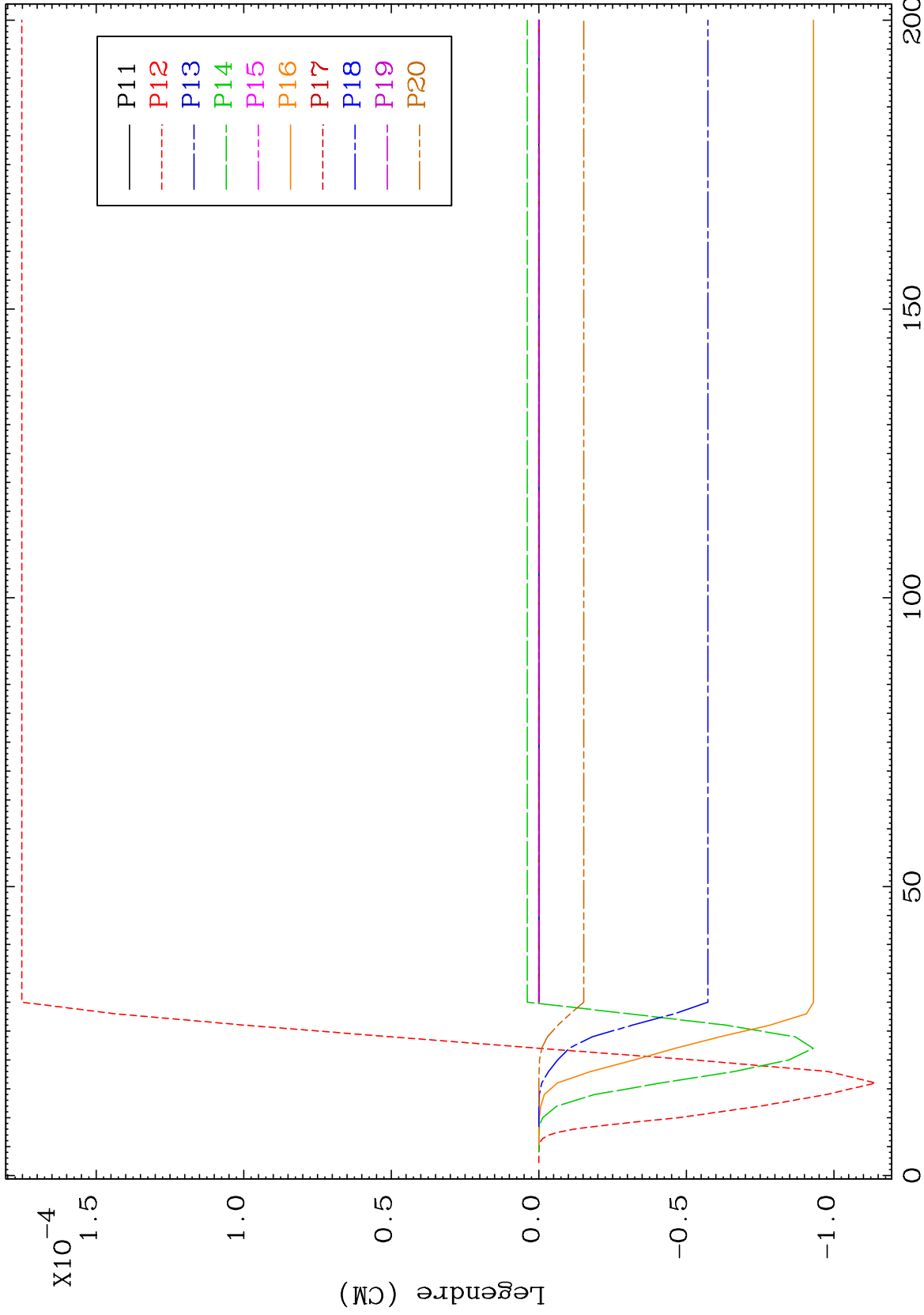
79-Au-186

Incident Energy (MeV)

MAT 7892

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

79-Au-186



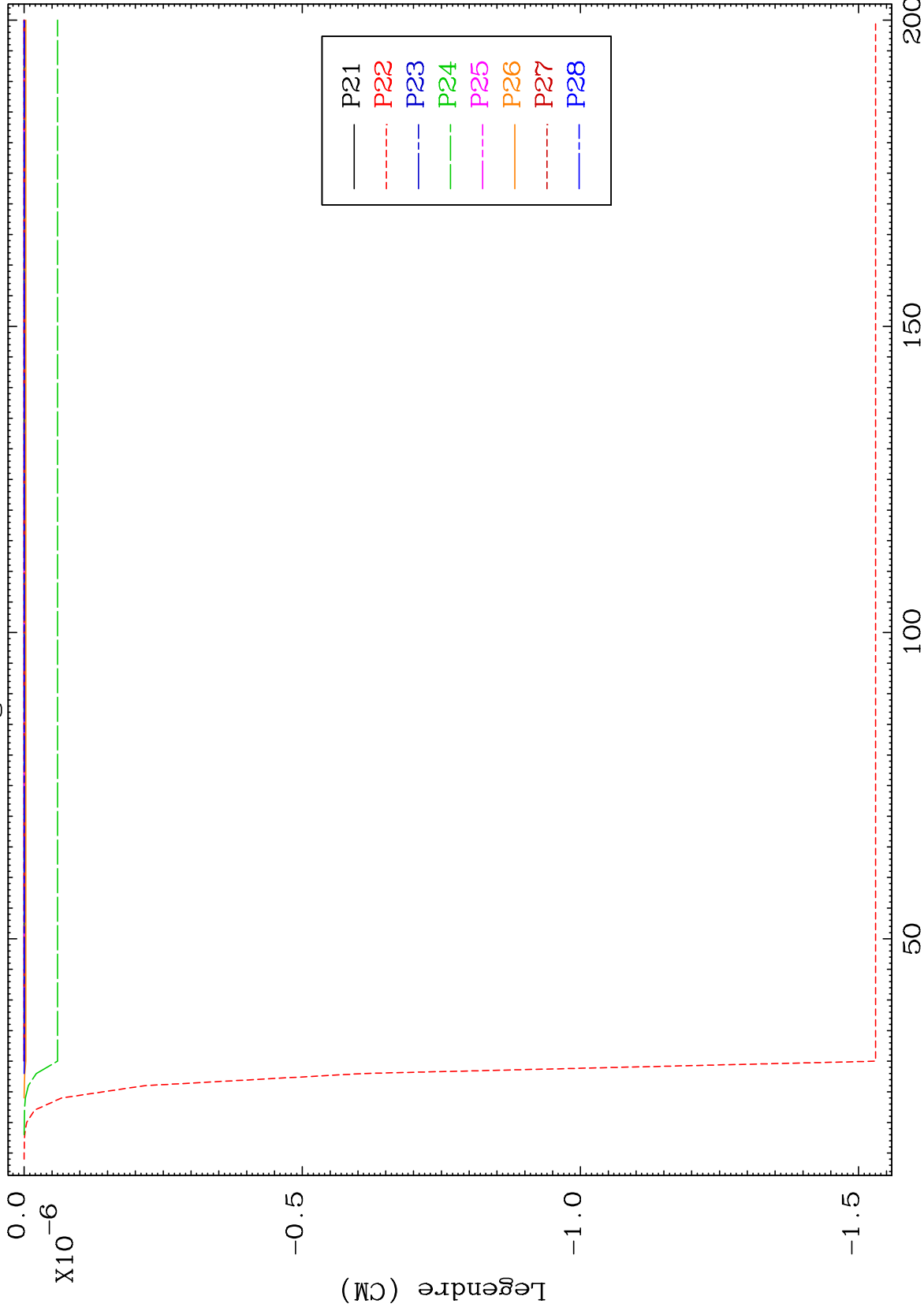
21

79-Au-186

MAT 7892

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

79-Au-186



22

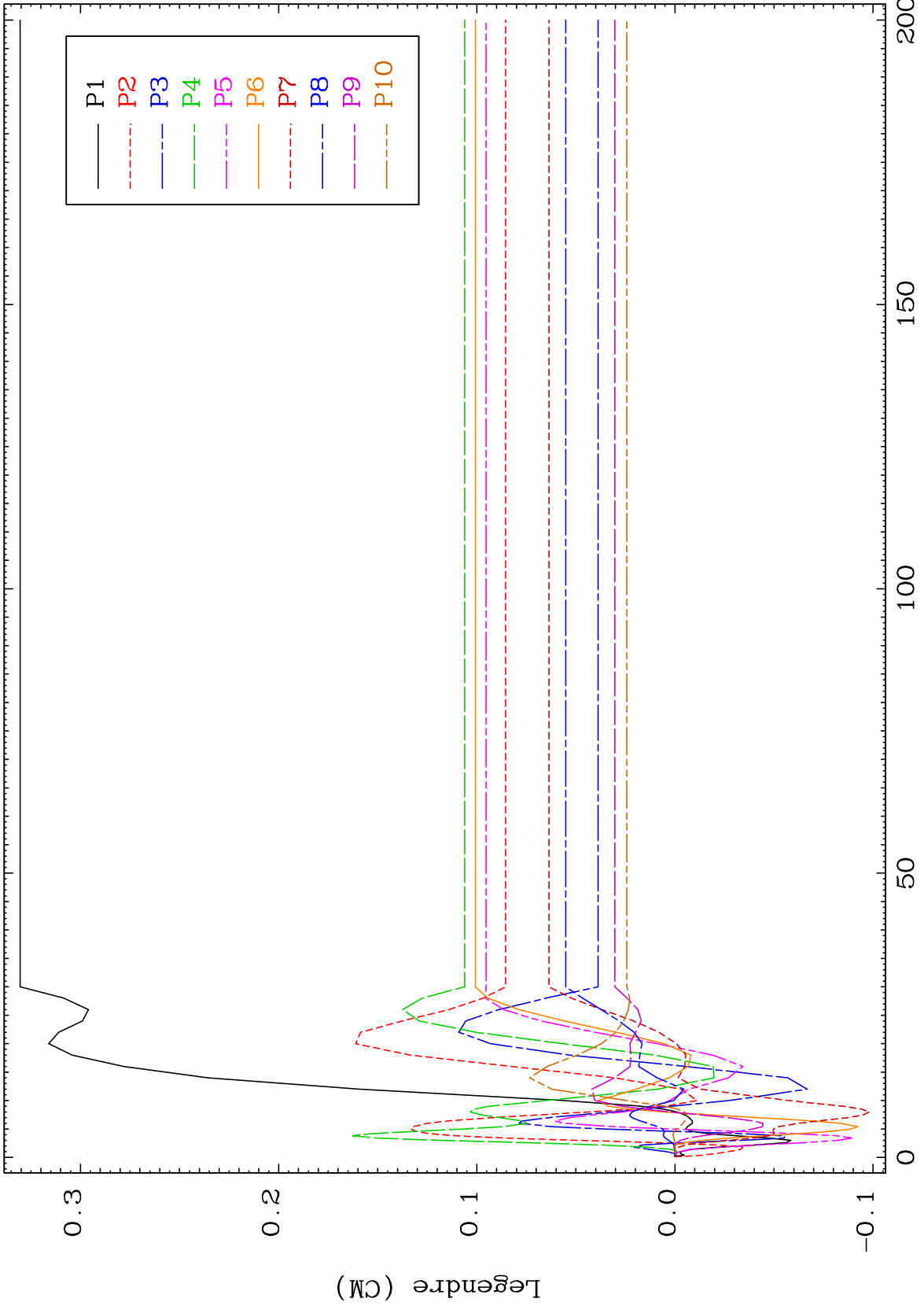
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



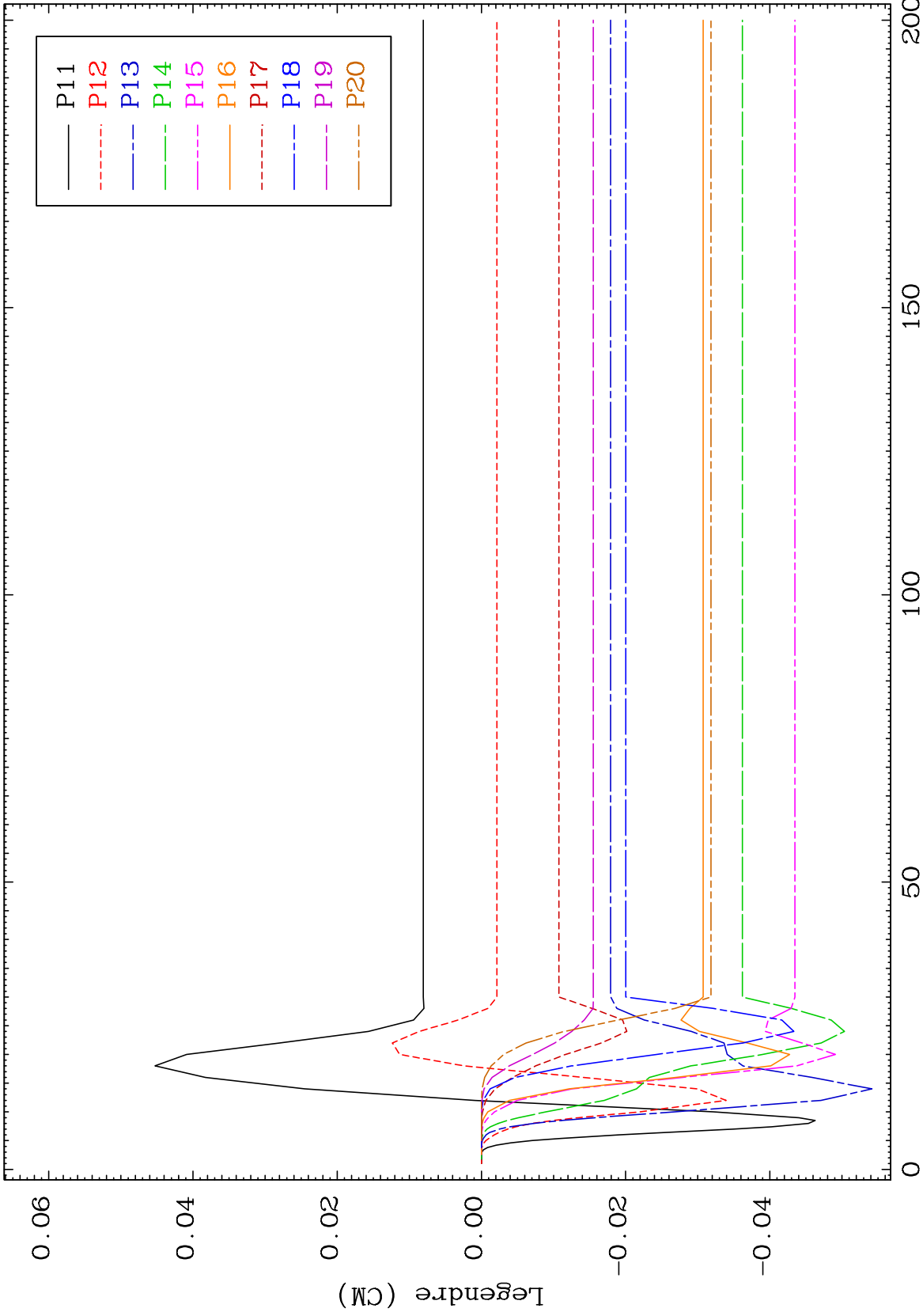
23

79-Au-186

MAT 7892

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

79-Au-186



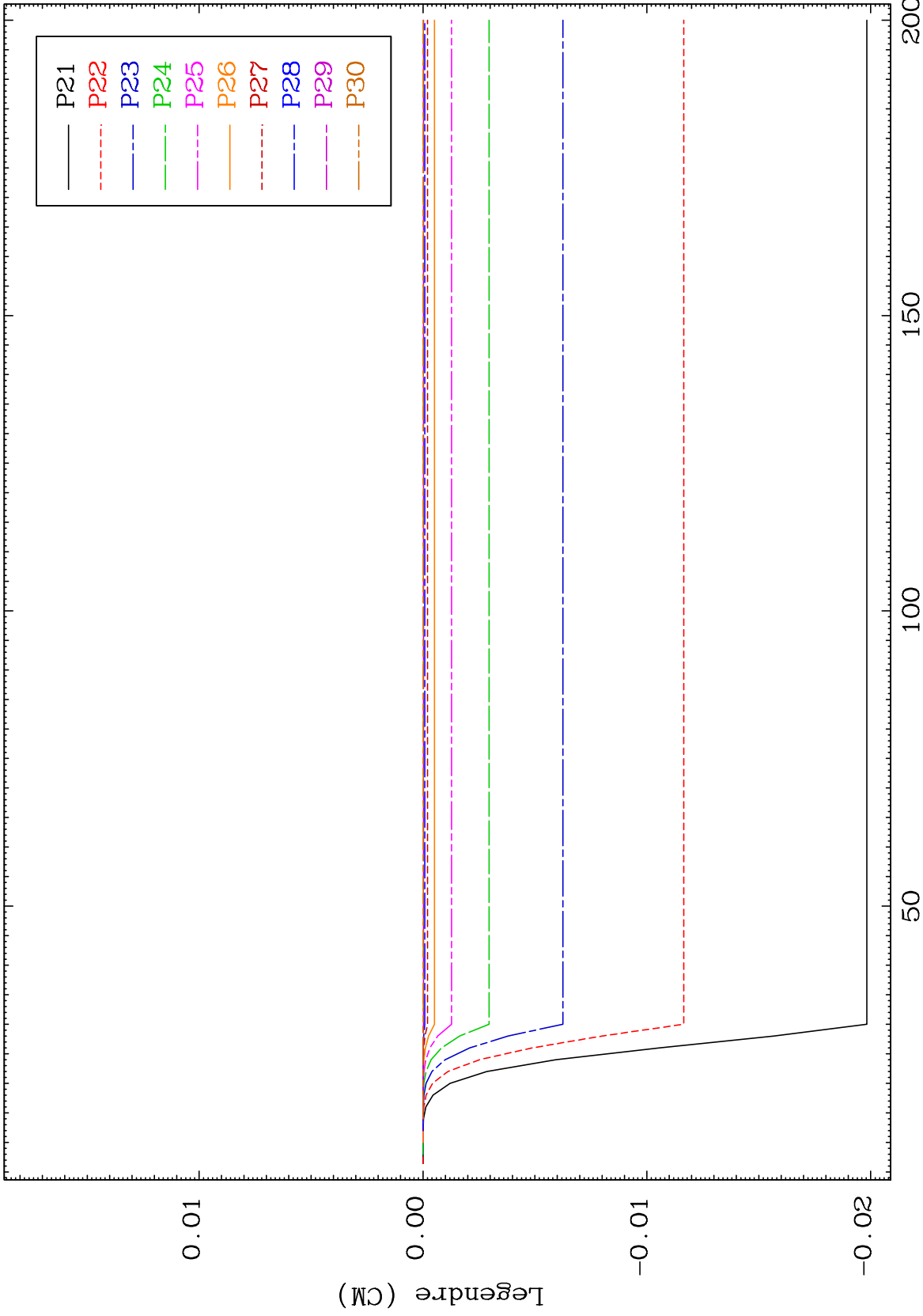
24

79-Au-186

MAT 7892

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

79-Au-186



25

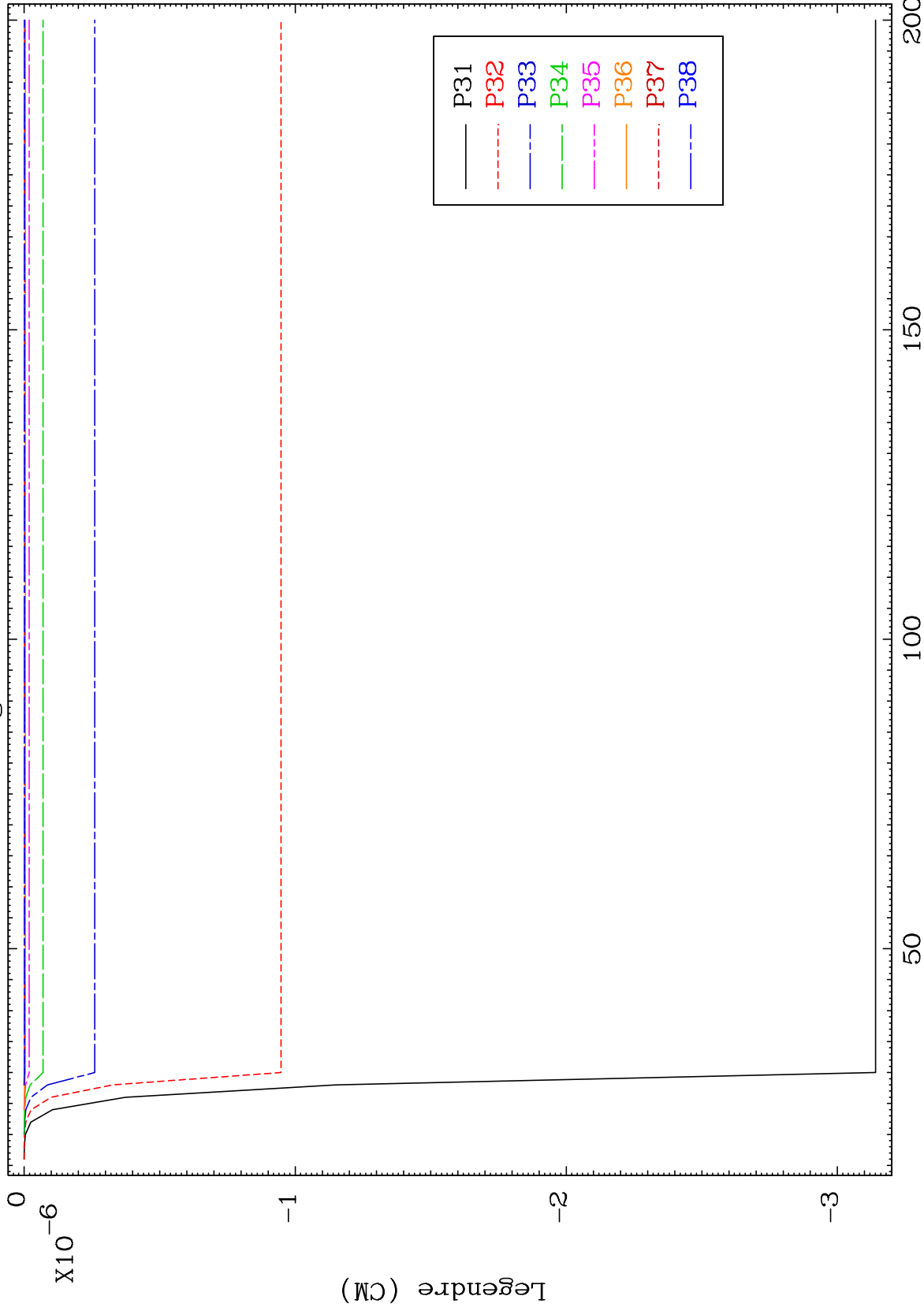
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



26

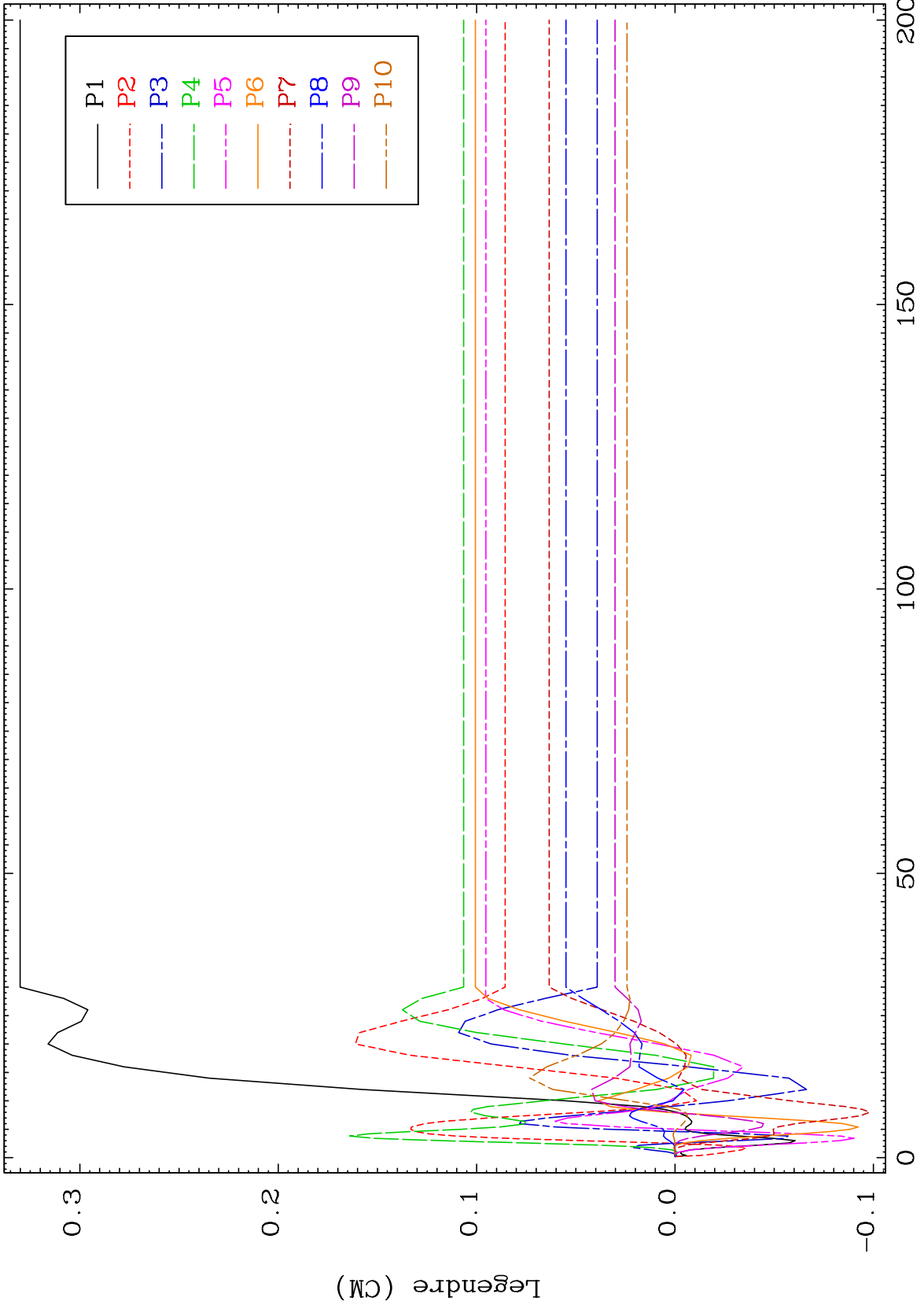
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



27

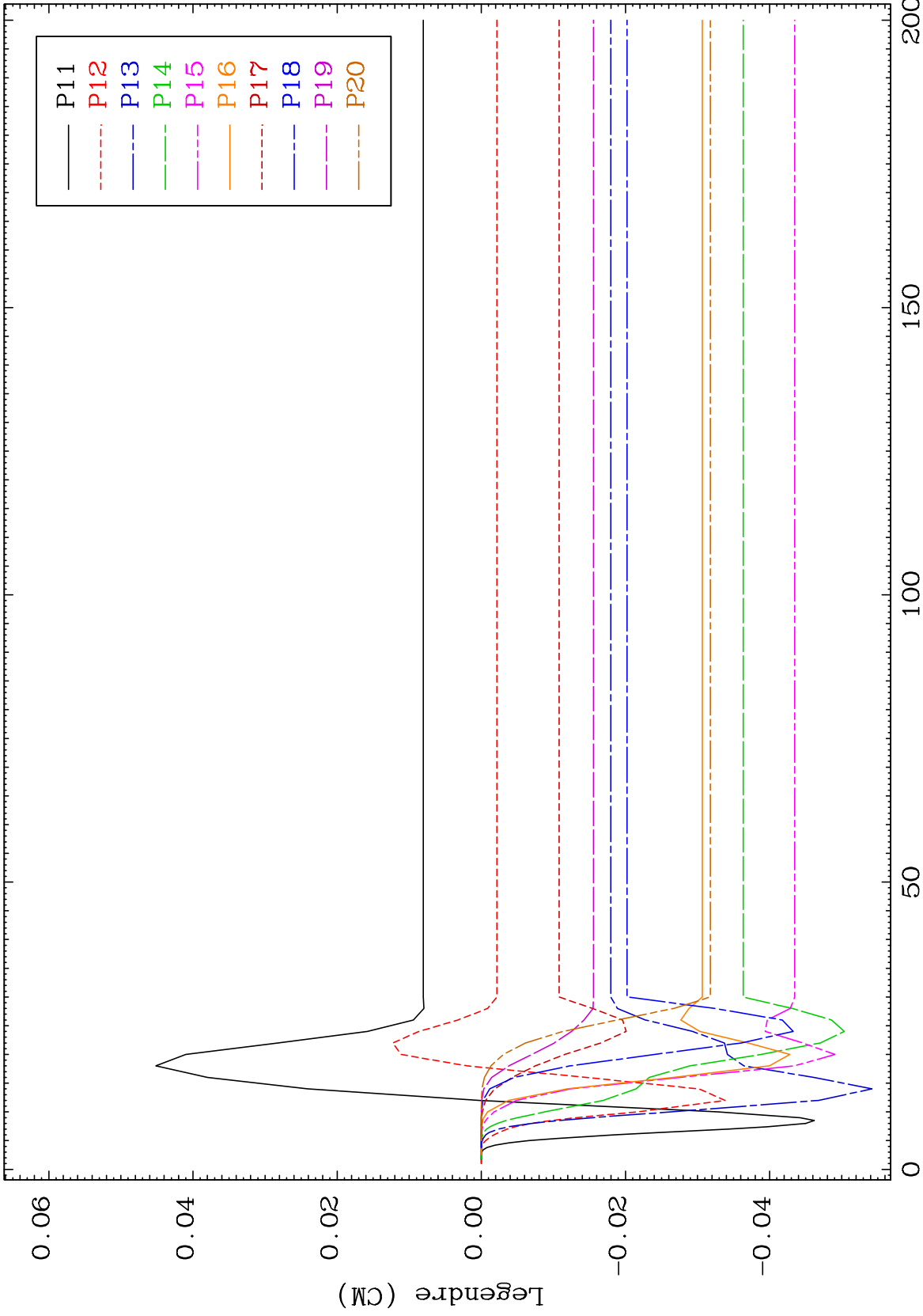
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



28

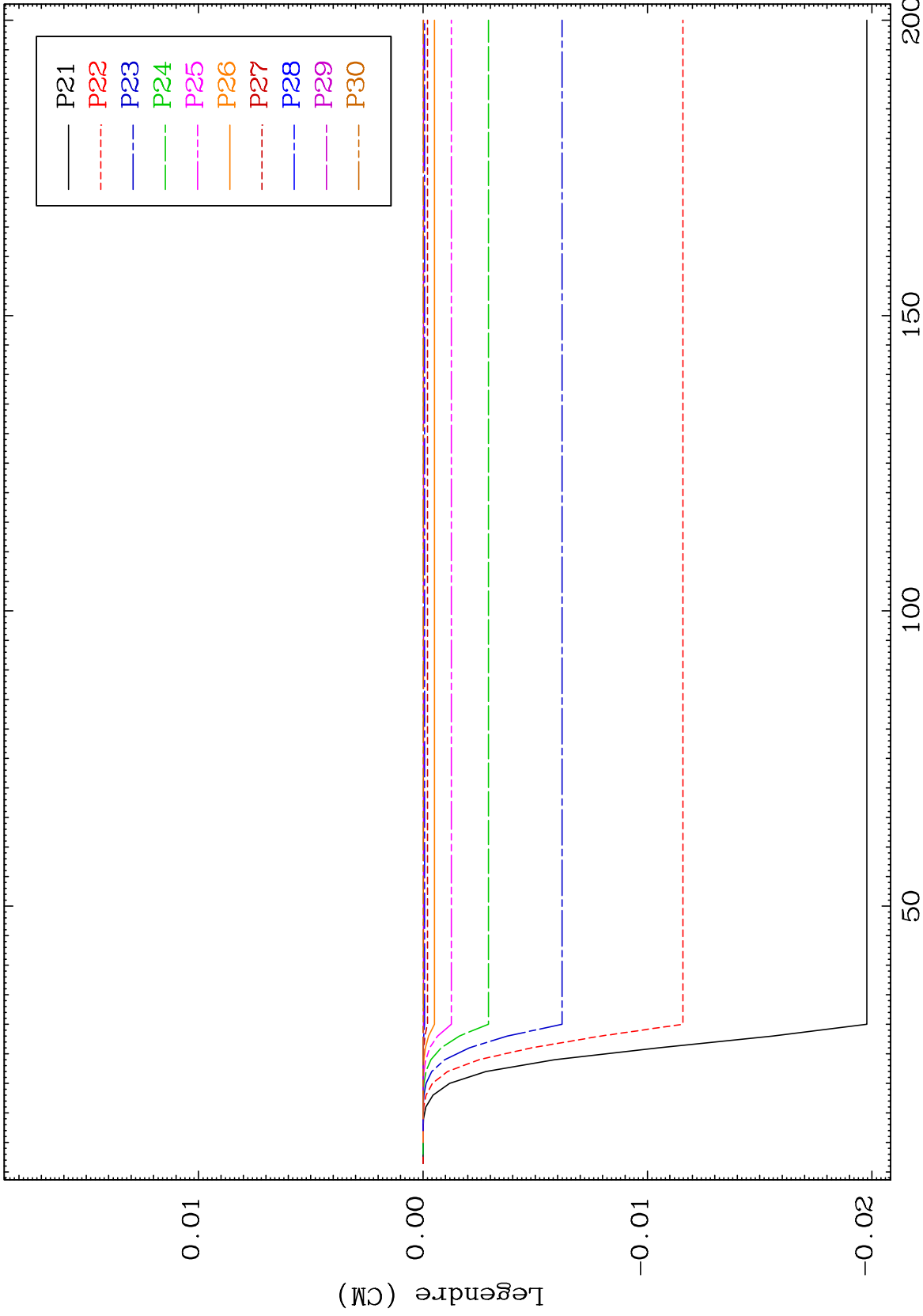
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



29

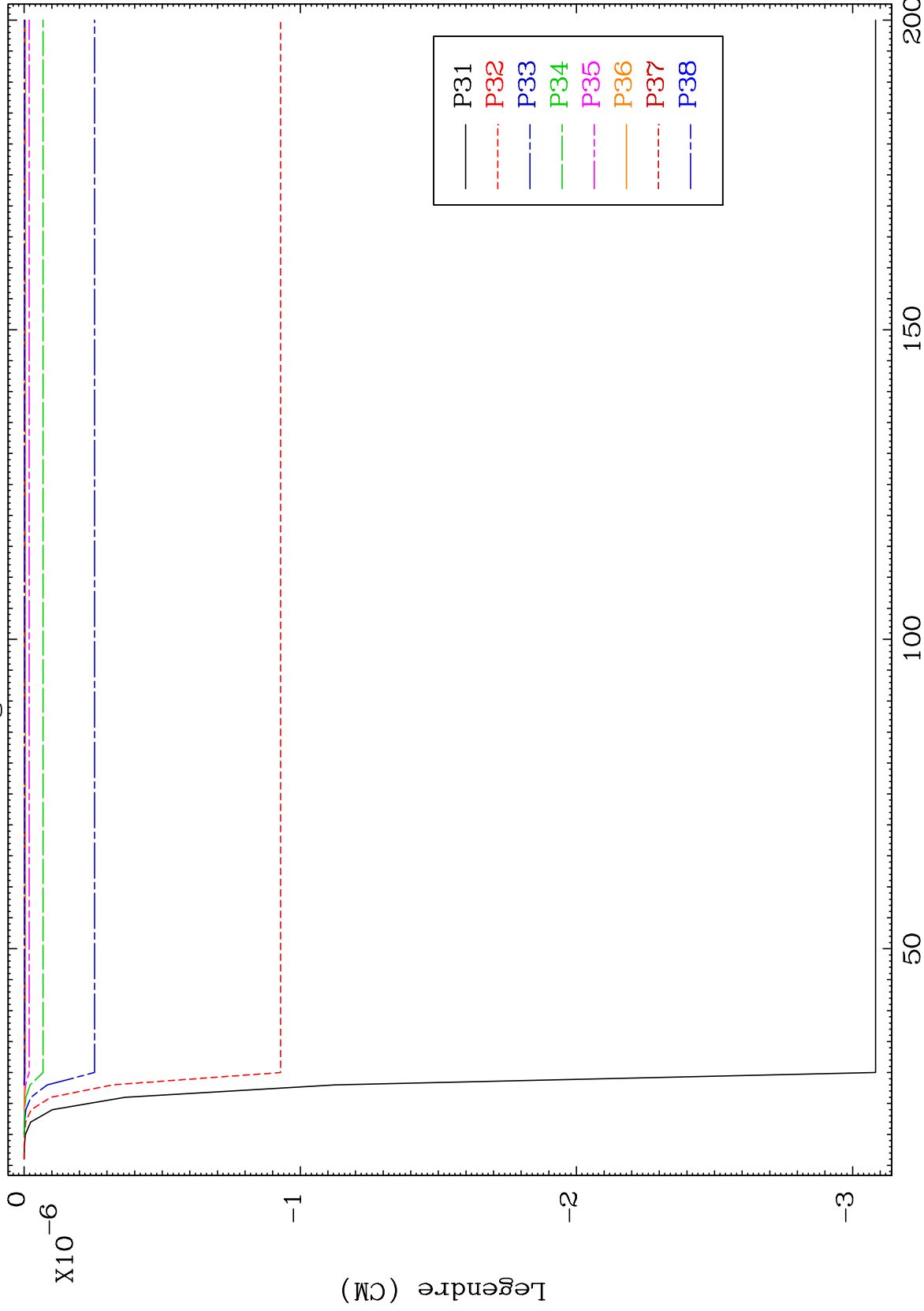
Incident Energy (MeV)

79-Au-186

MAT 7892

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

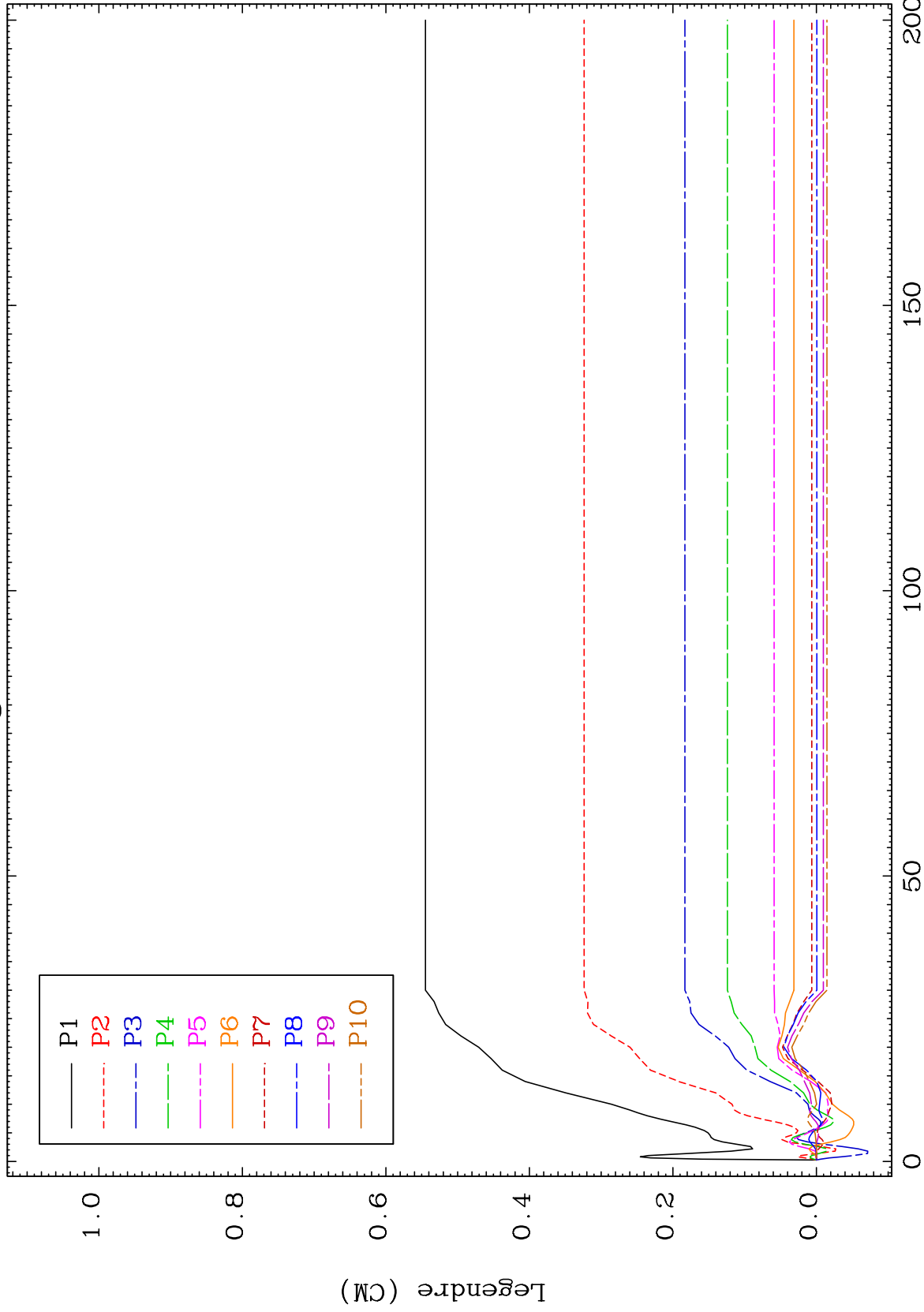
79-Au-186



30

Incident Energy (MeV)

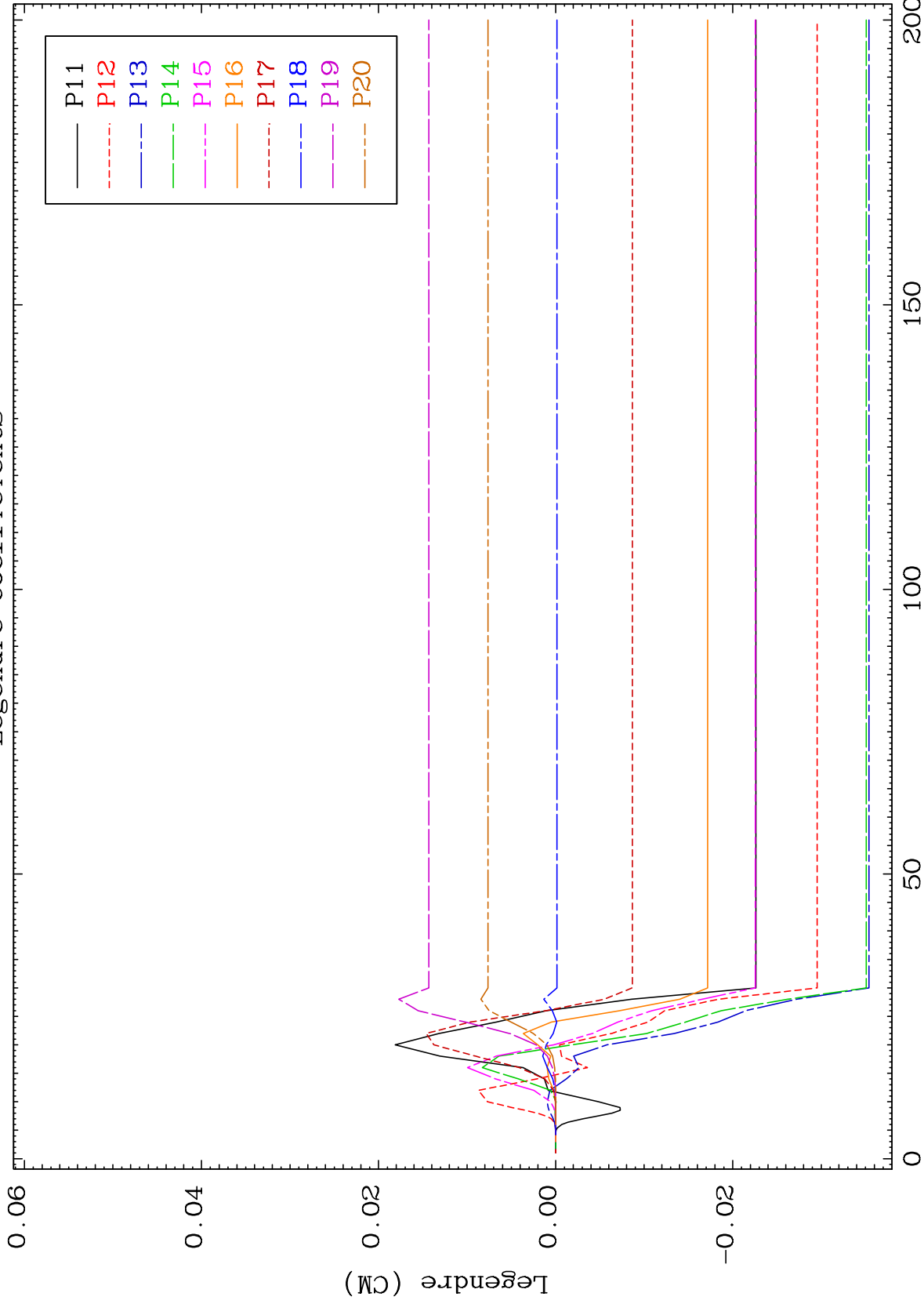
79-Au-186



MAT 7892

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

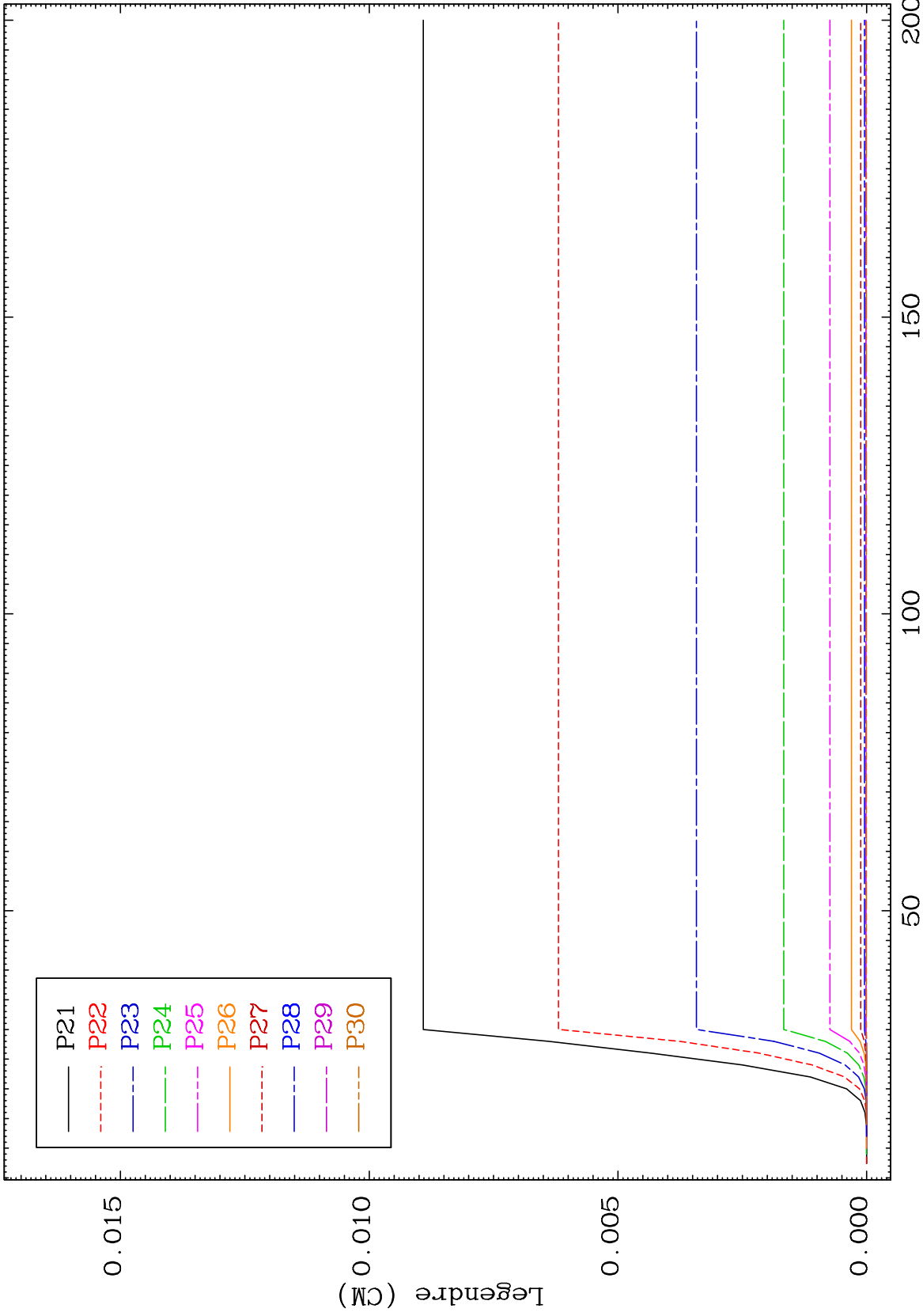
79-Au-186



32

Incident Energy (MeV)

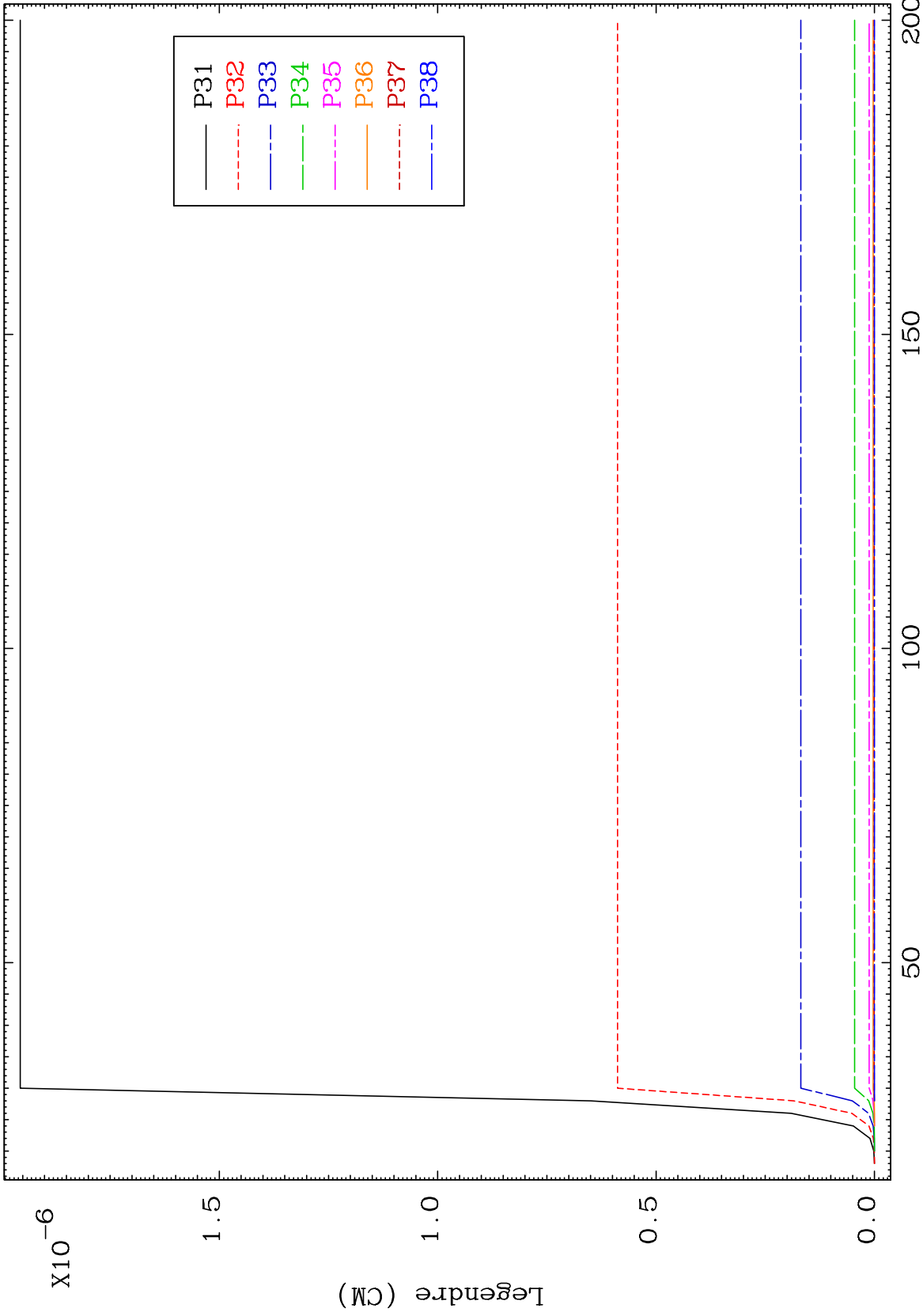
79-Au-186



MAT 7892

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

79-Au-186



34

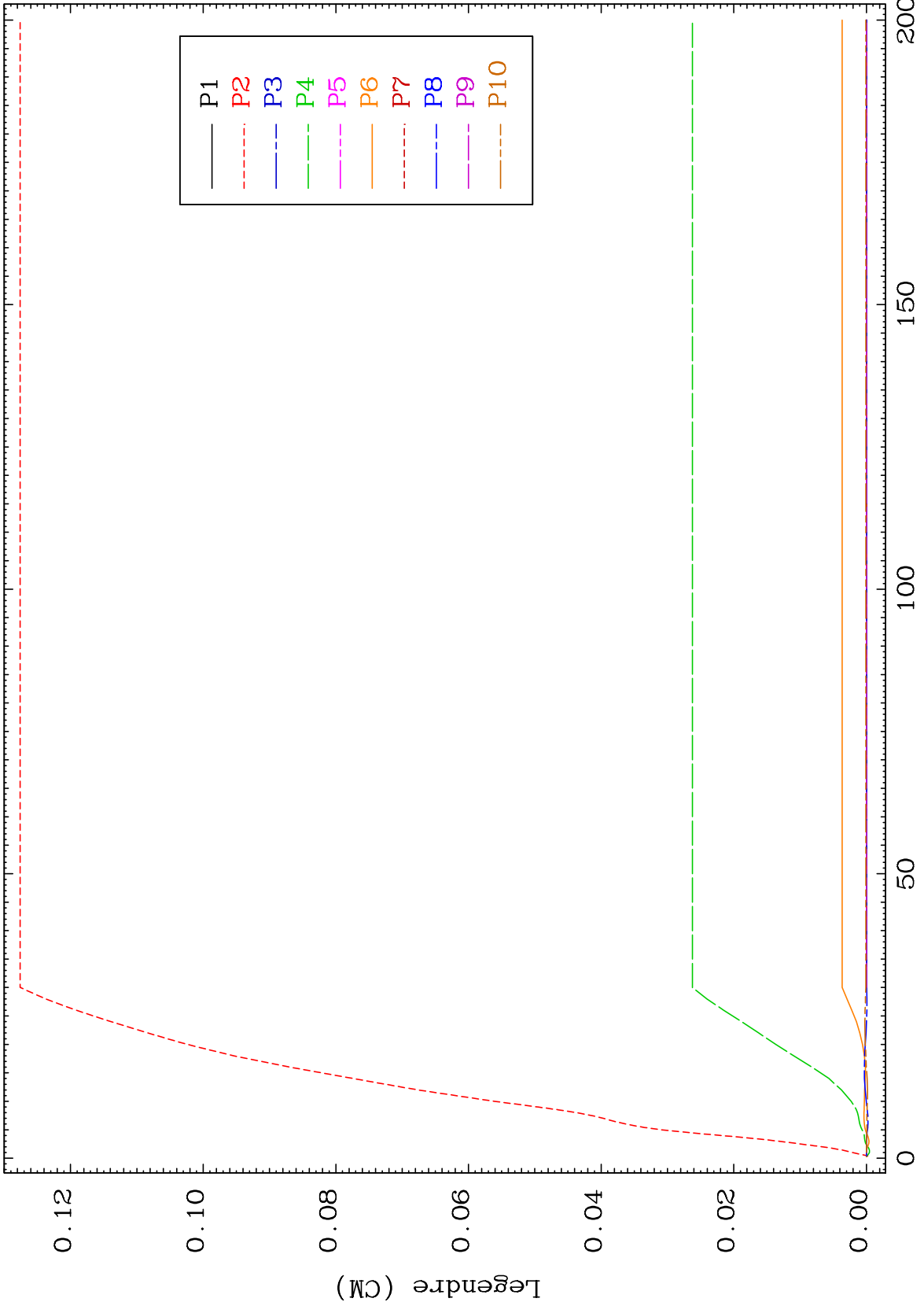
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



79-Au-186

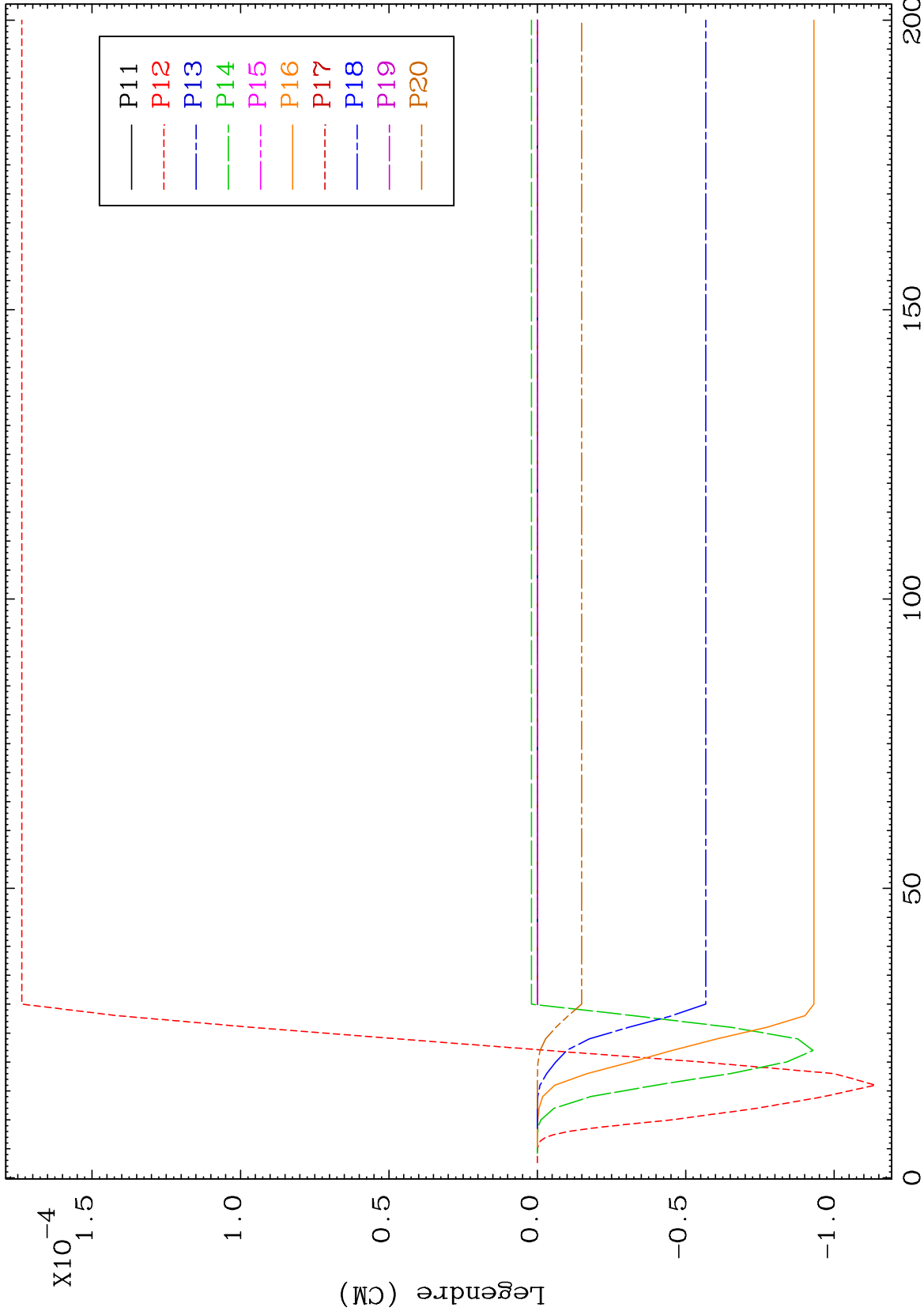
Incident Energy (MeV)

35

MAT 7892

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

79-Au-186



36

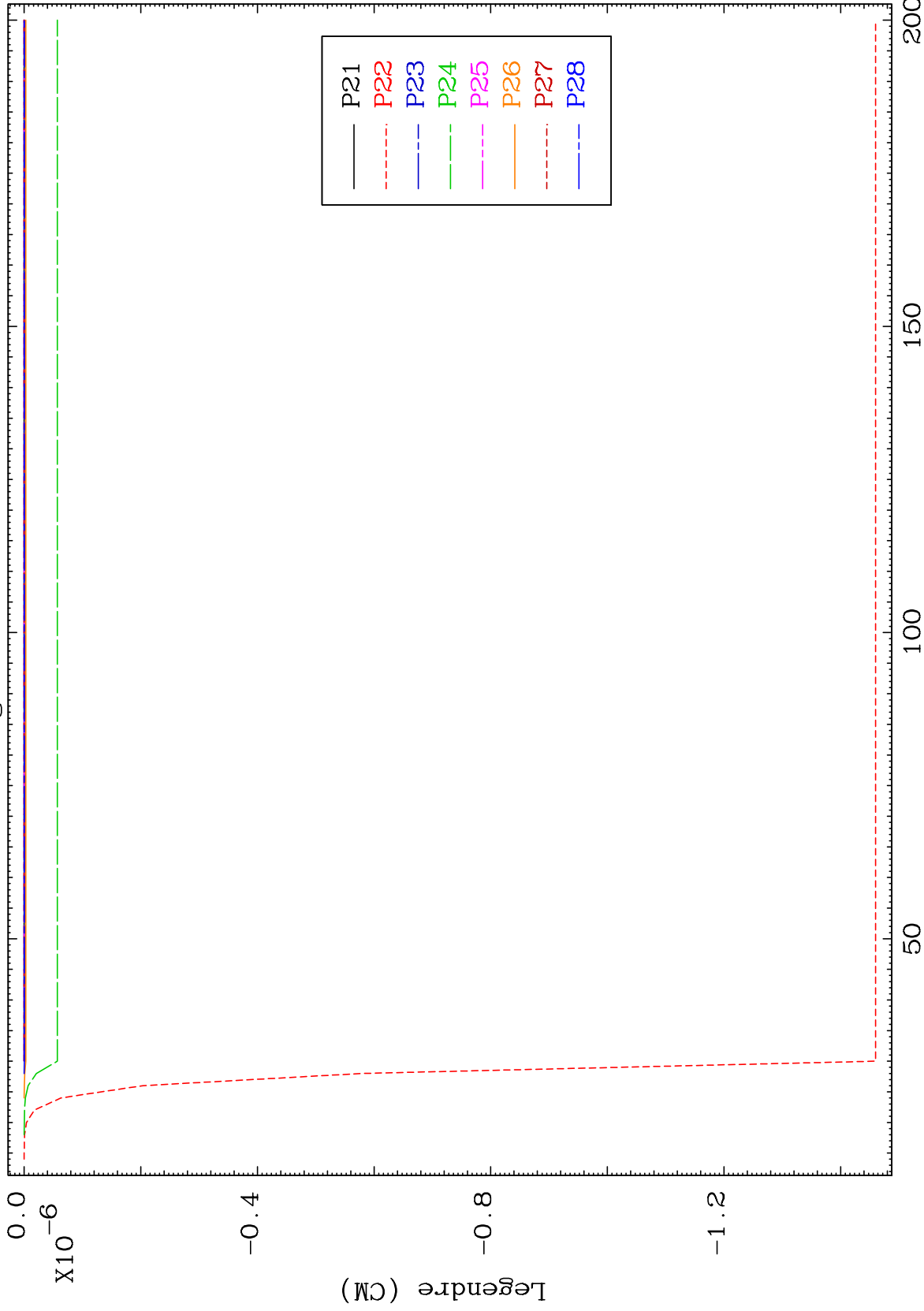
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



37

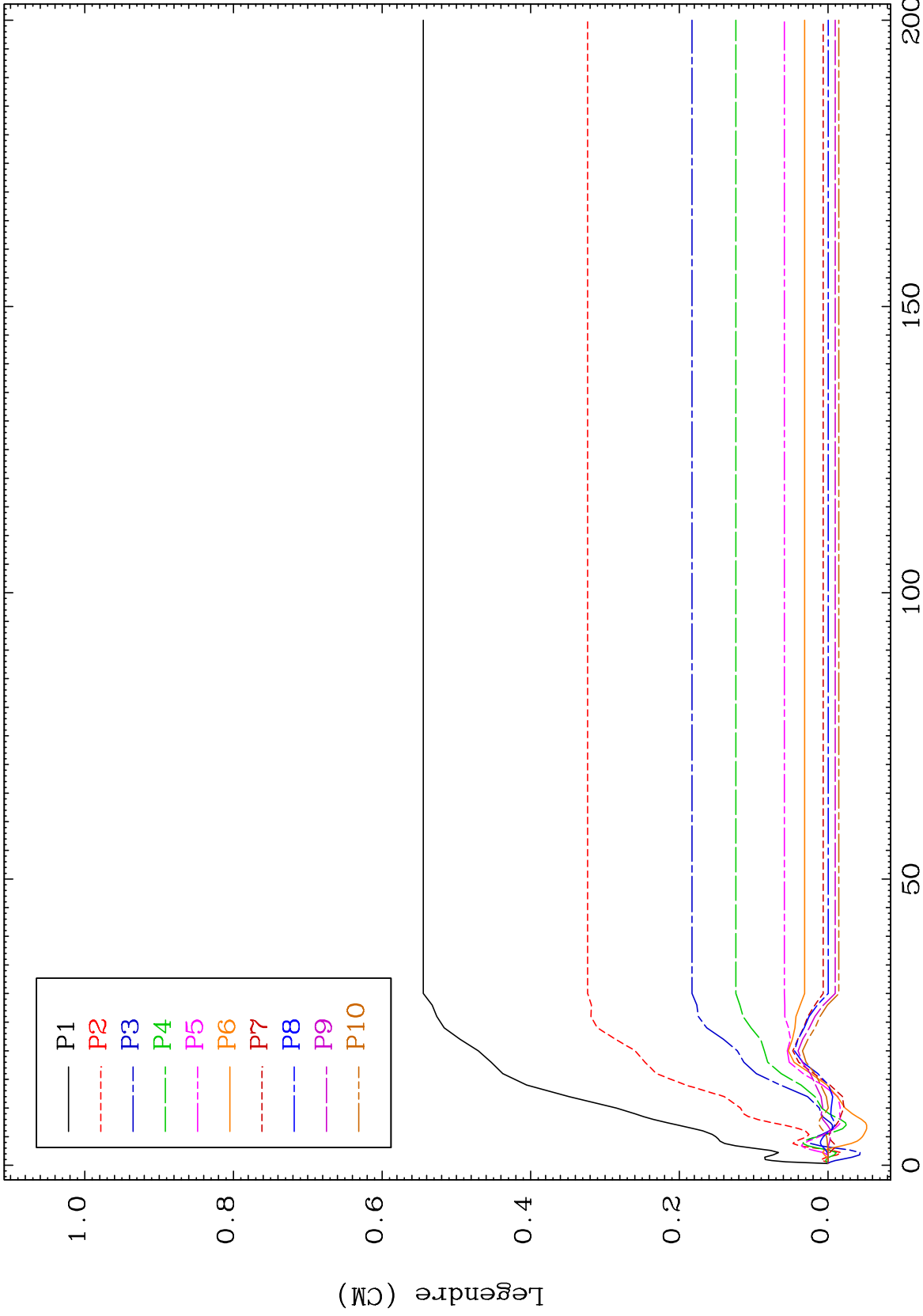
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



38

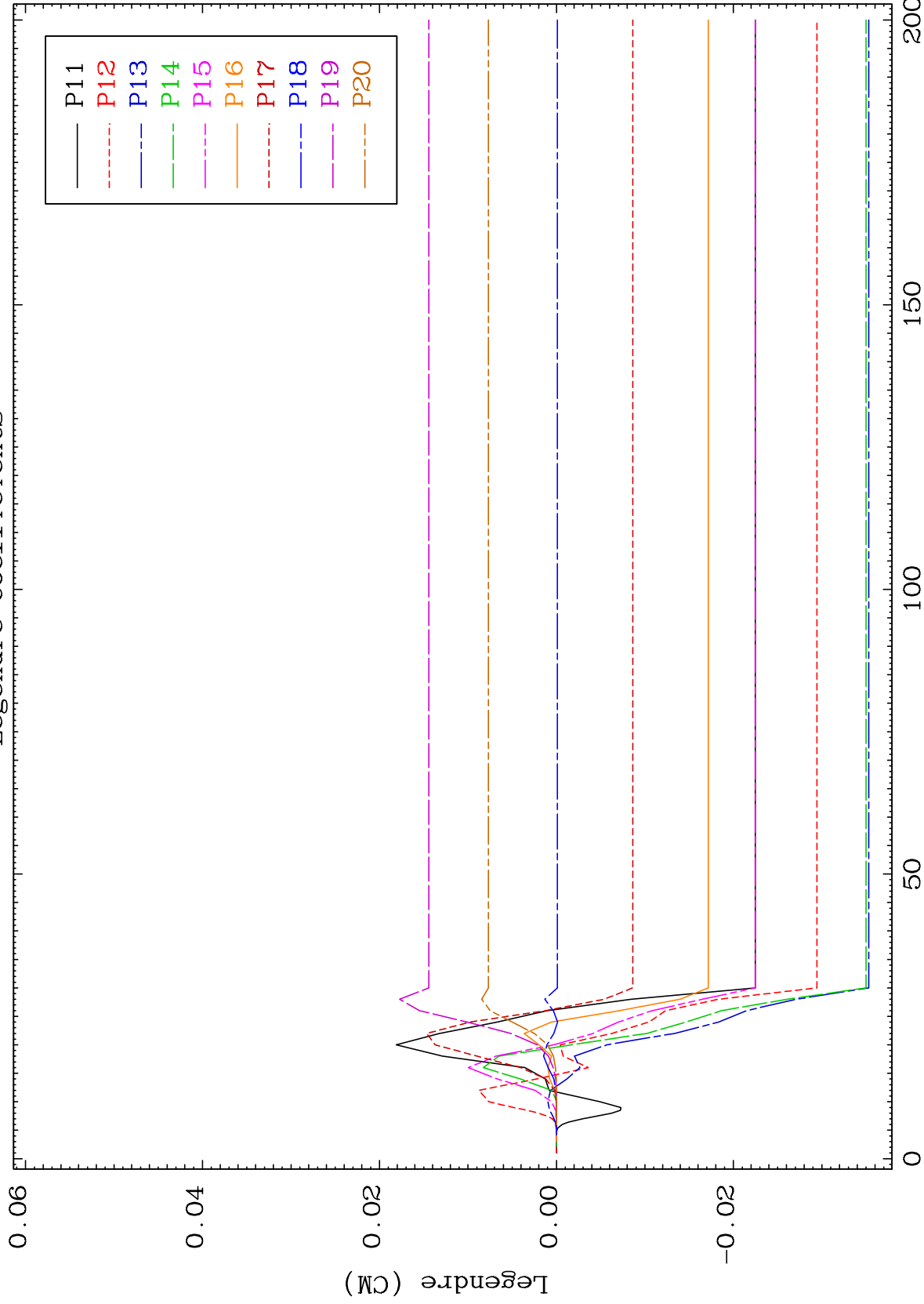
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



39

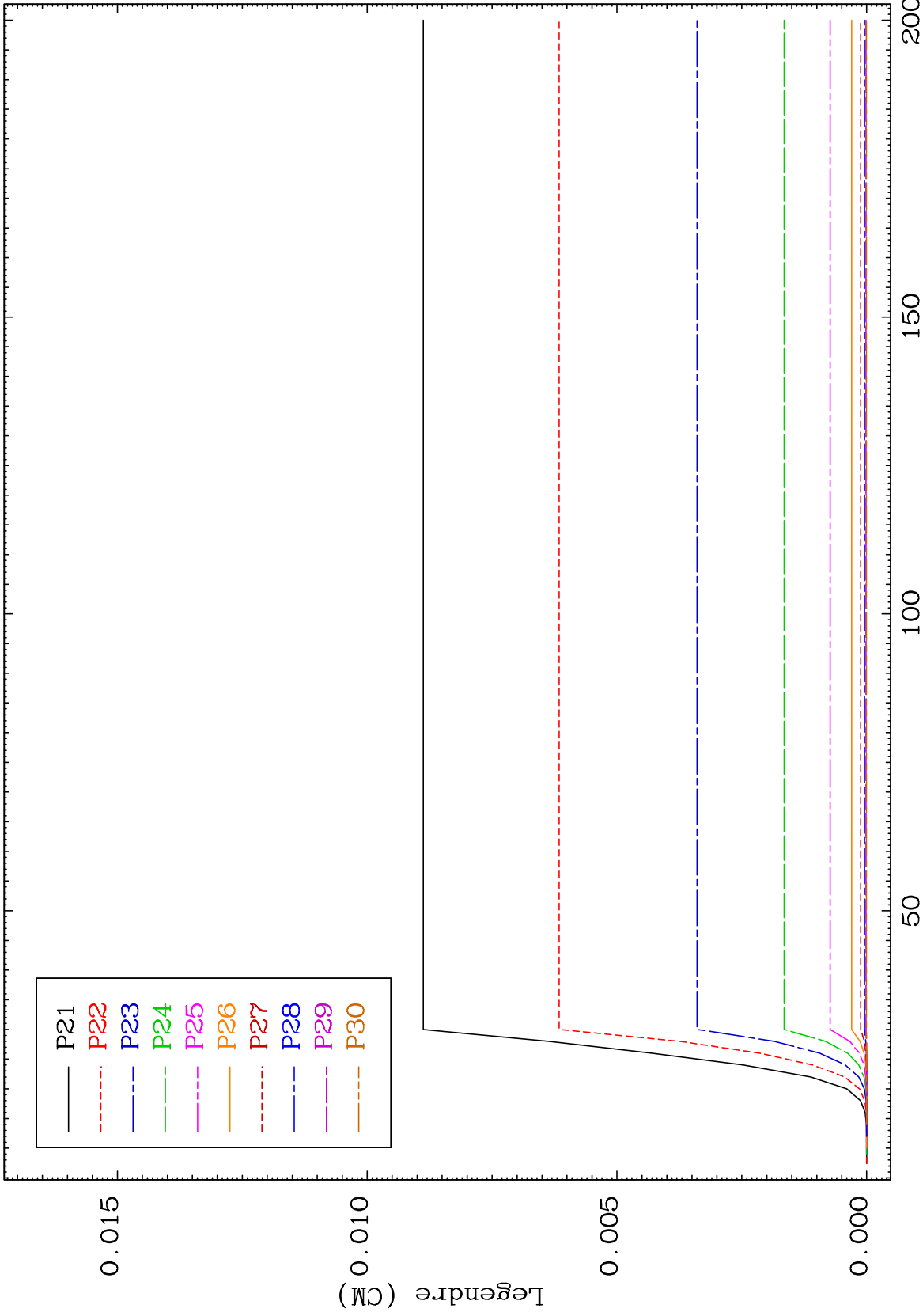
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



40

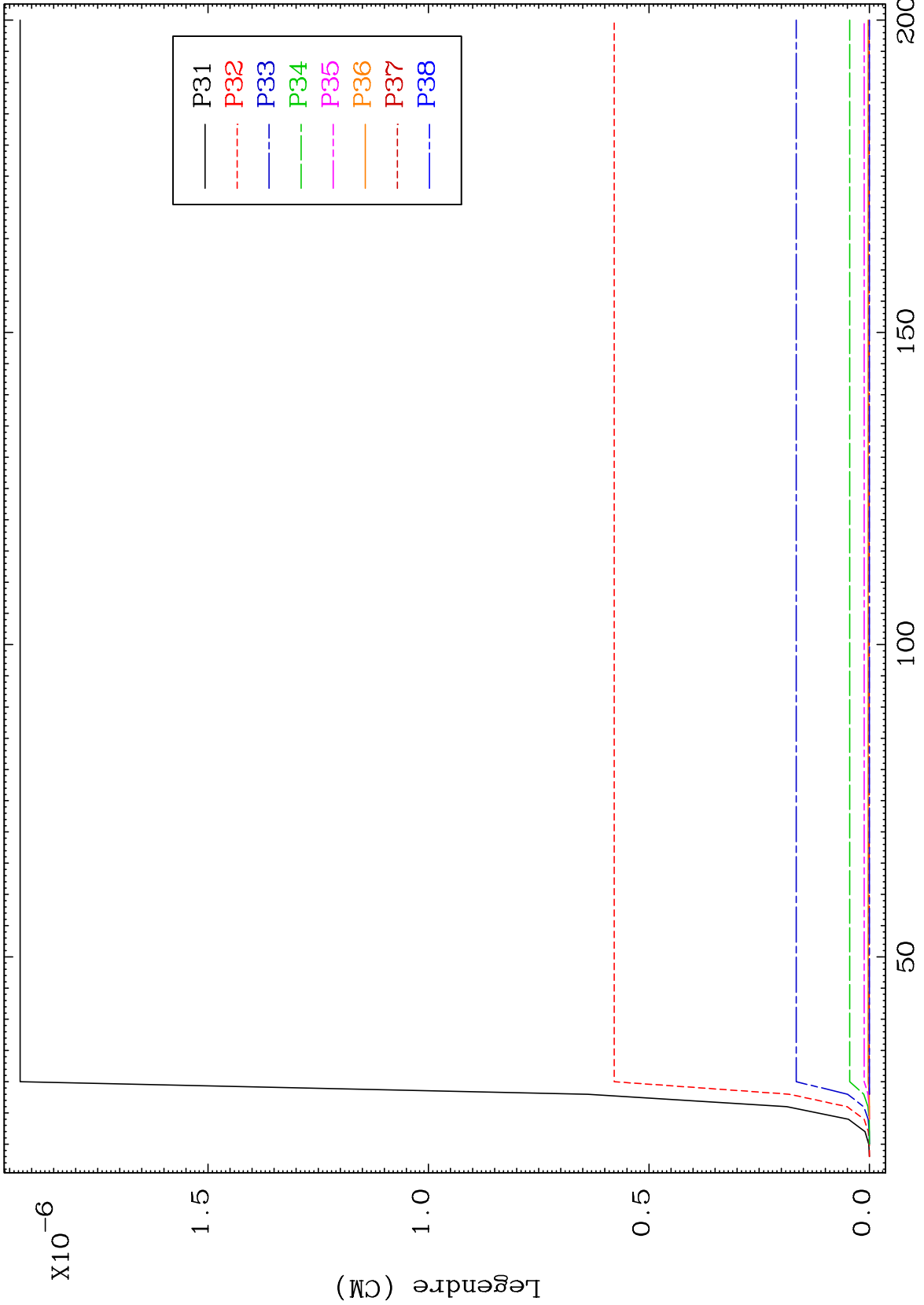
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



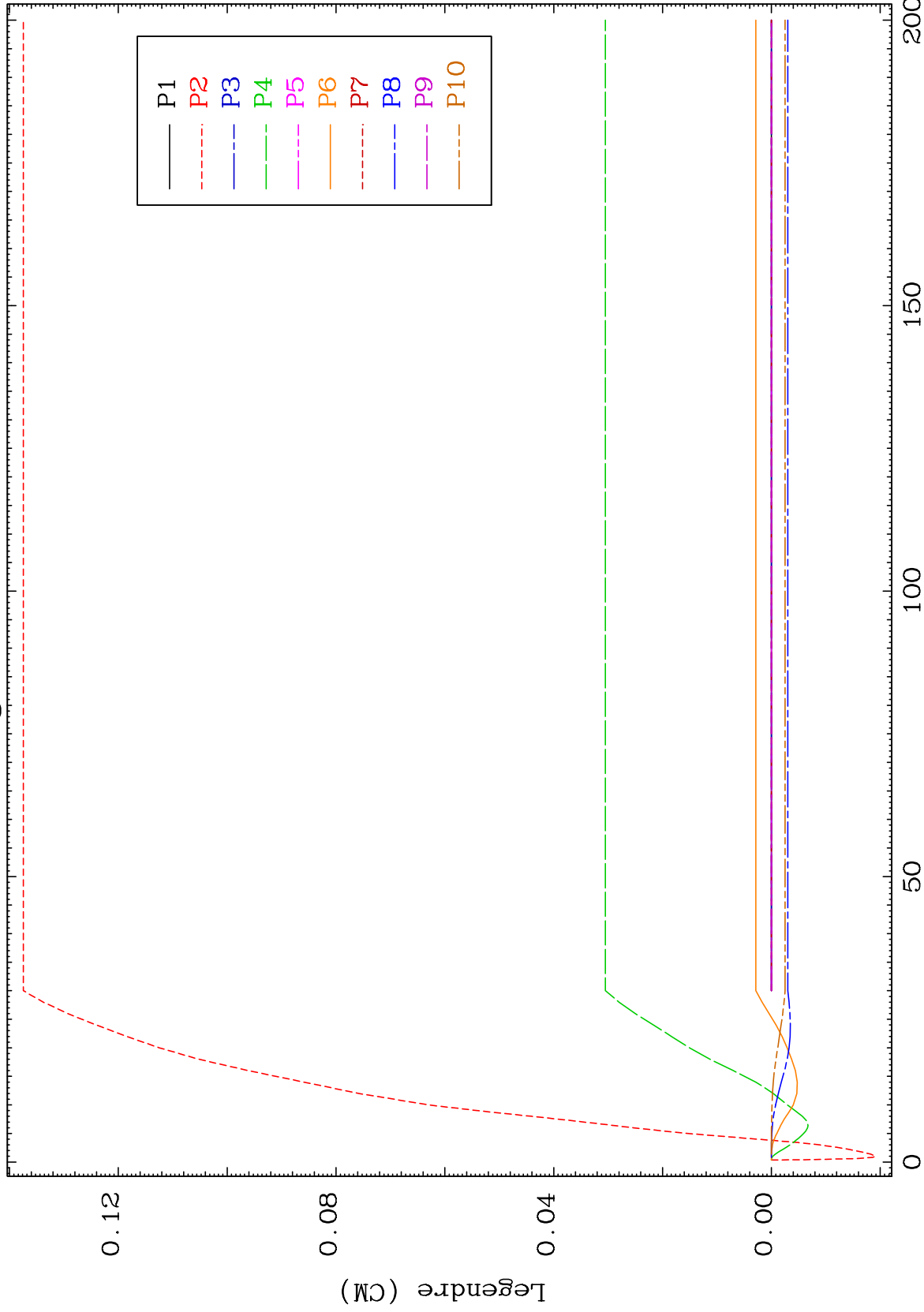
41

79-Au-186

MAT 7892

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

79-Au-186



42

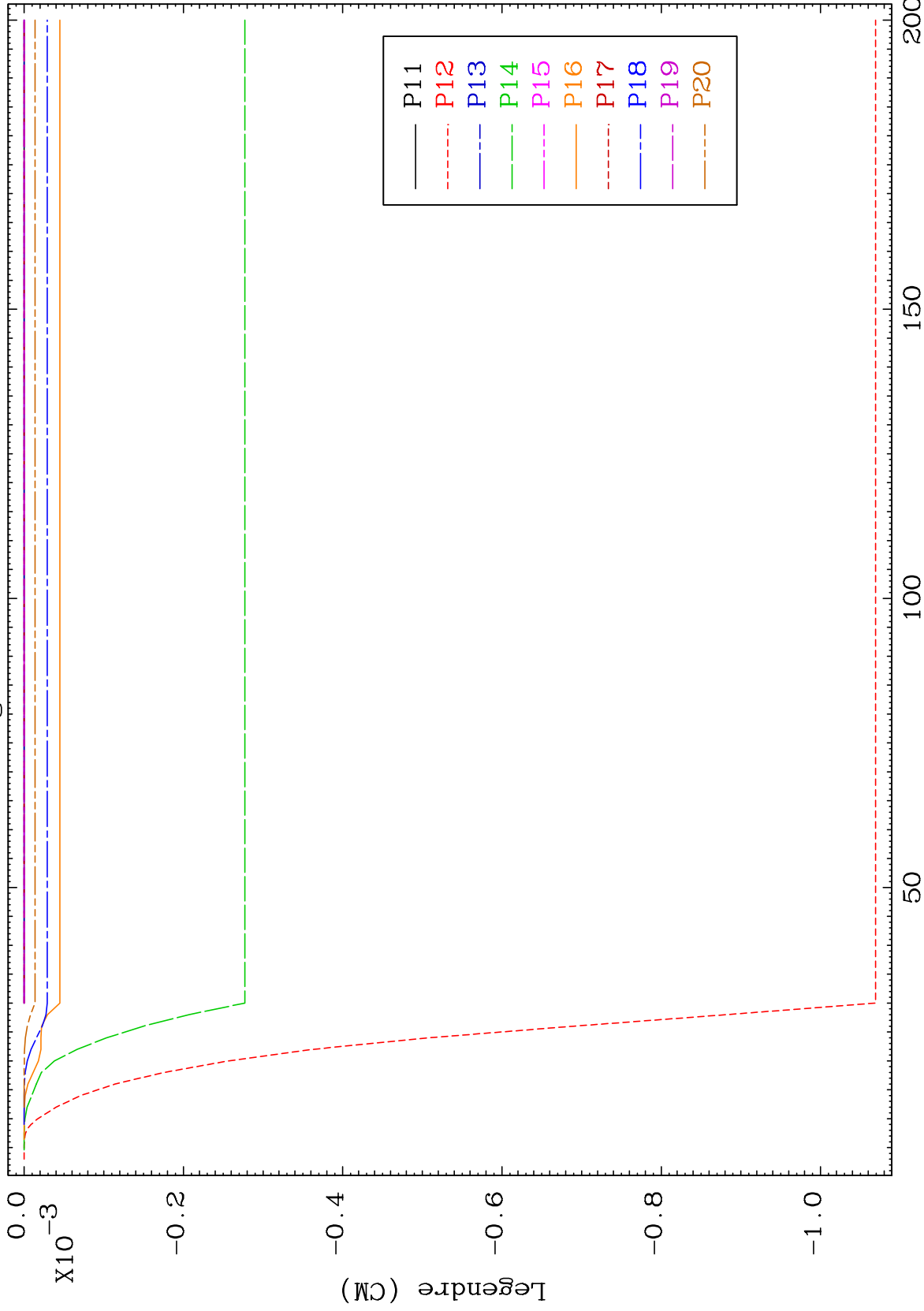
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



43

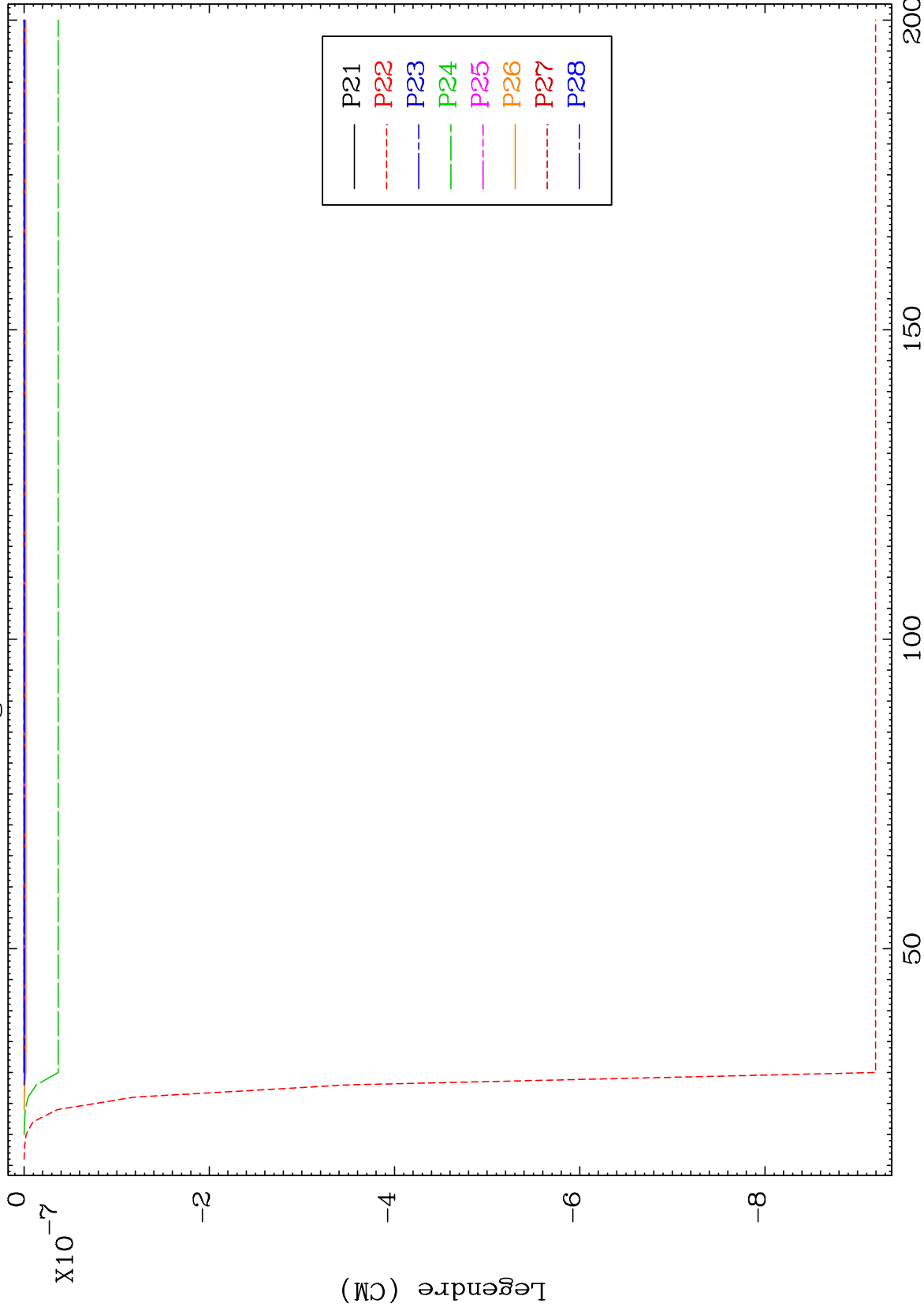
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



44

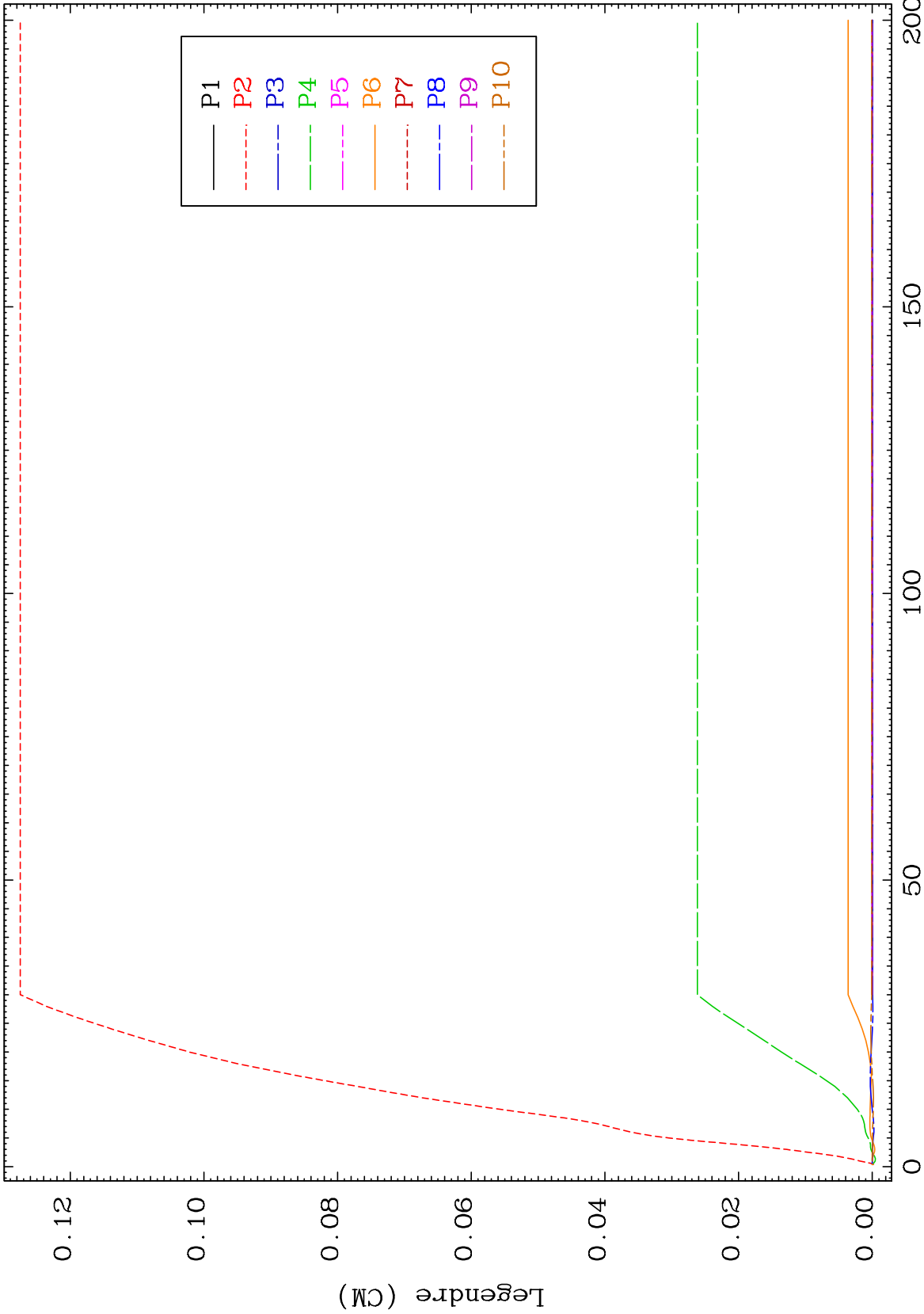
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



45

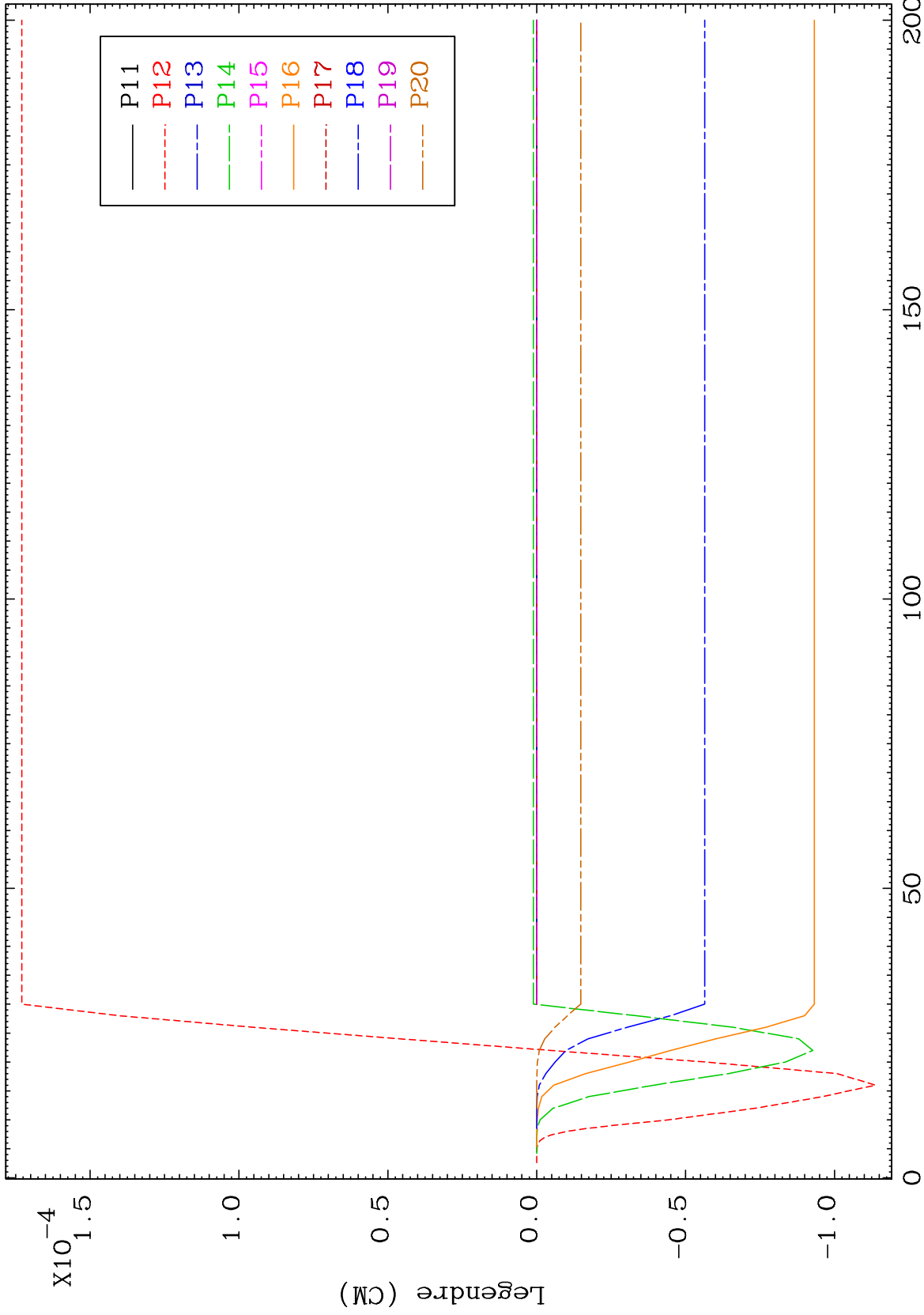
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



46

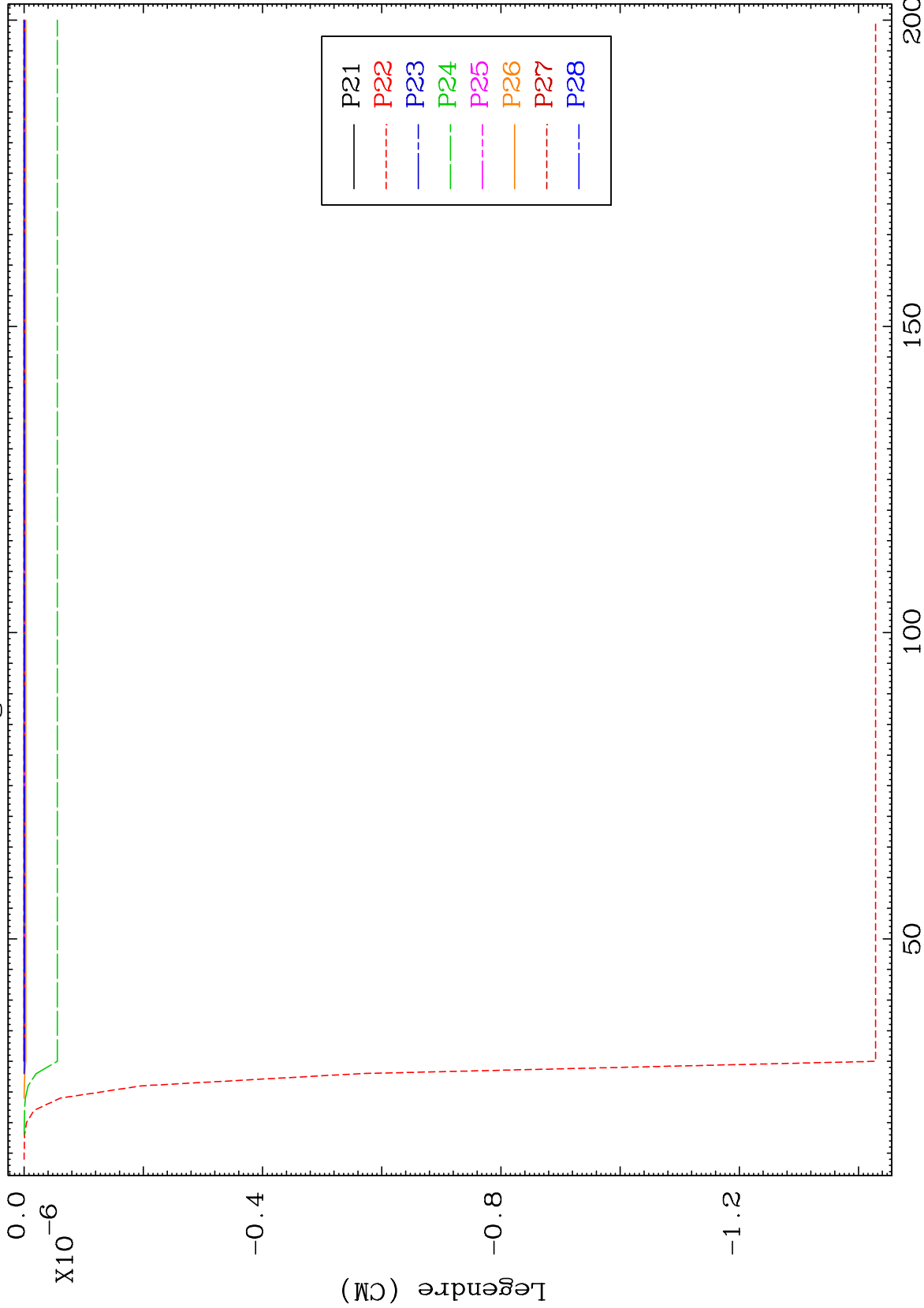
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



47

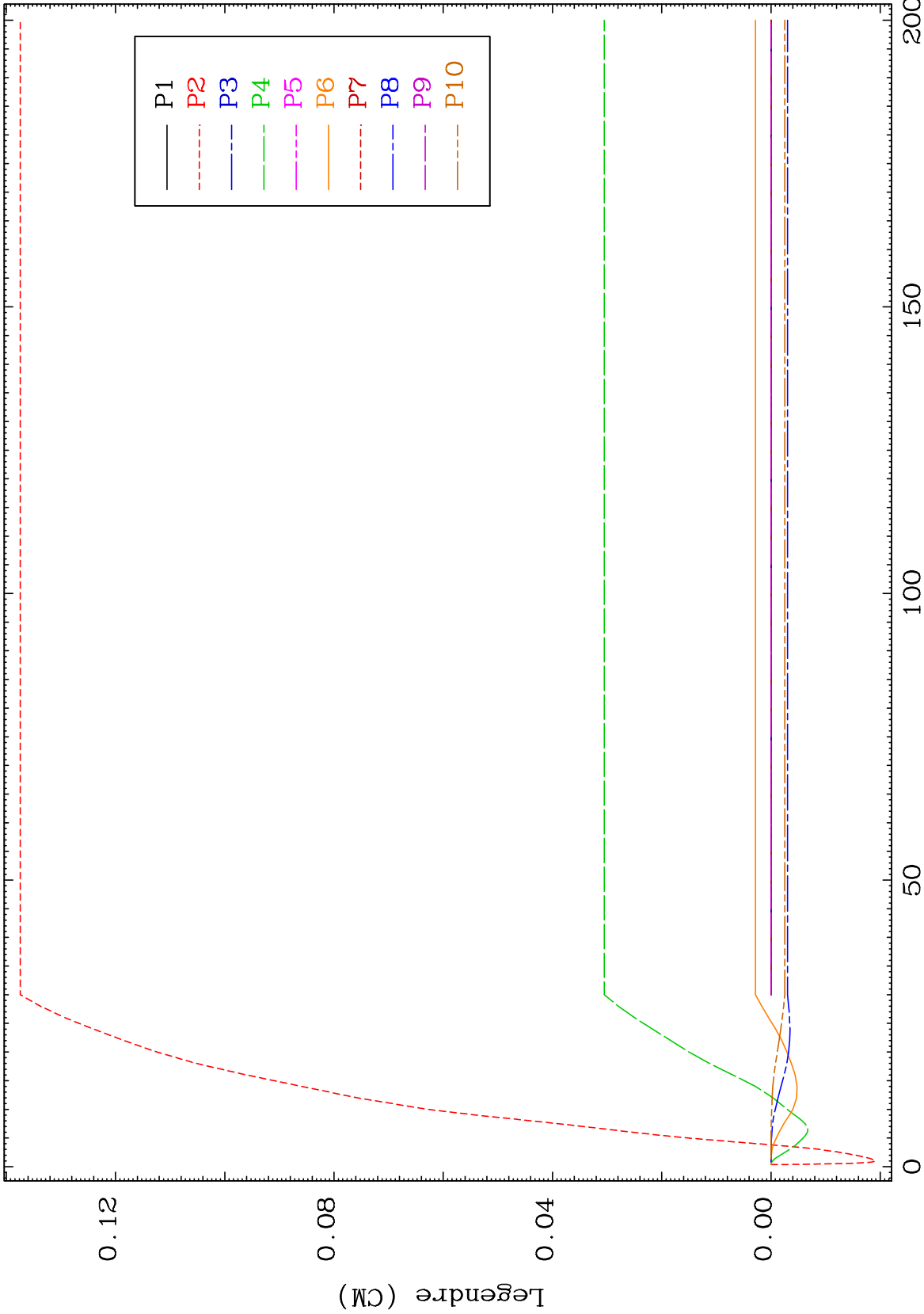
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



48

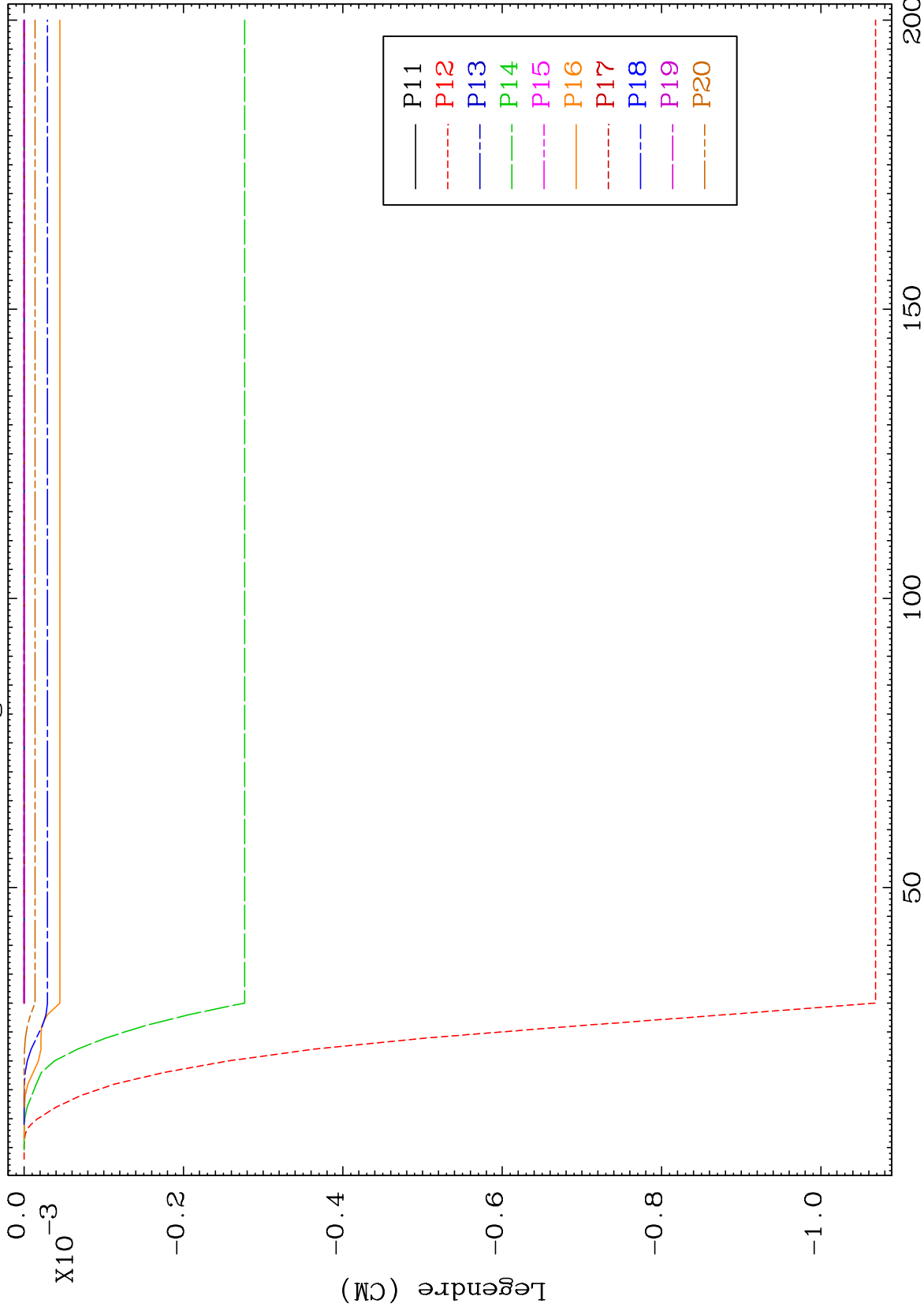
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



49

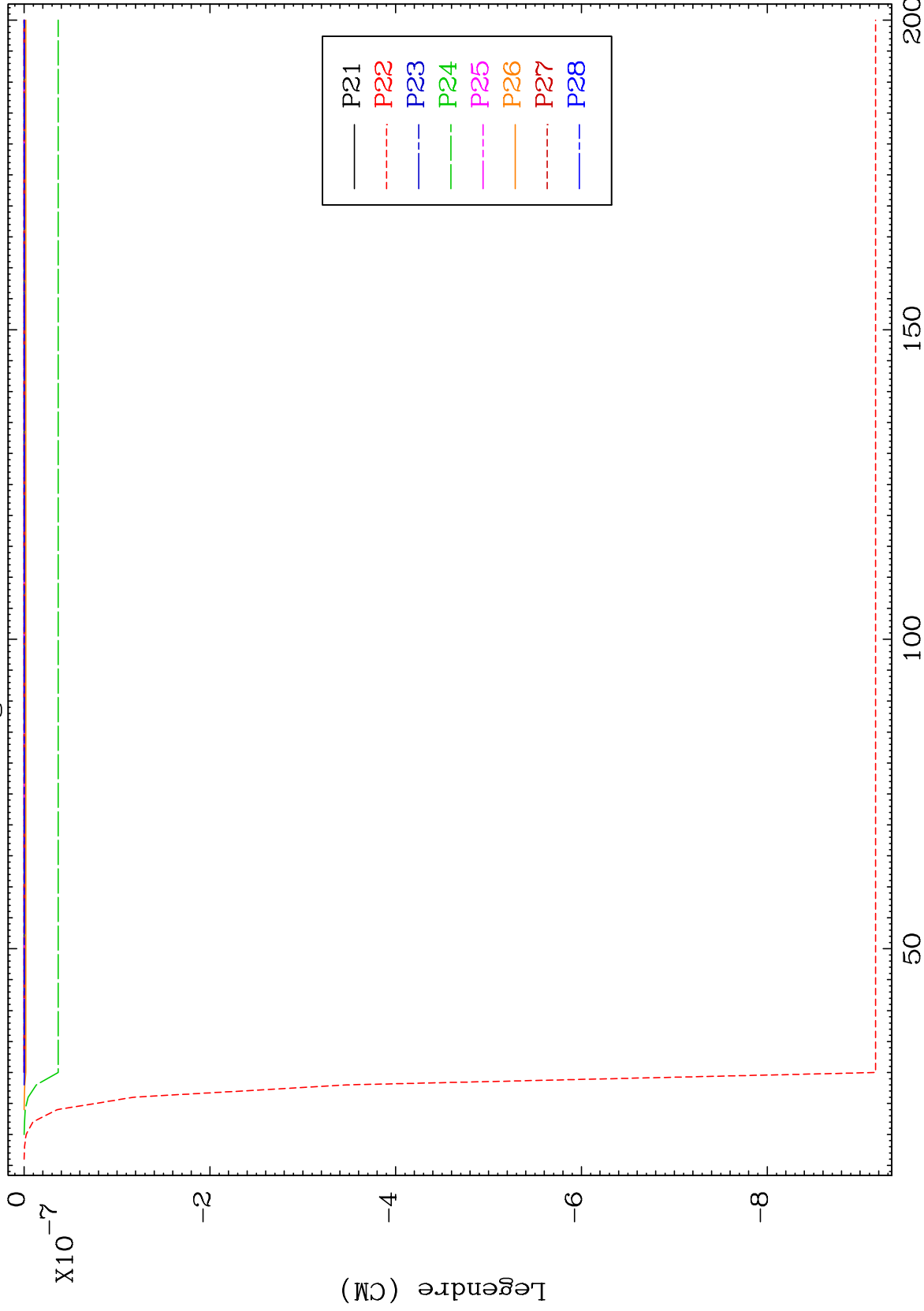
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



50

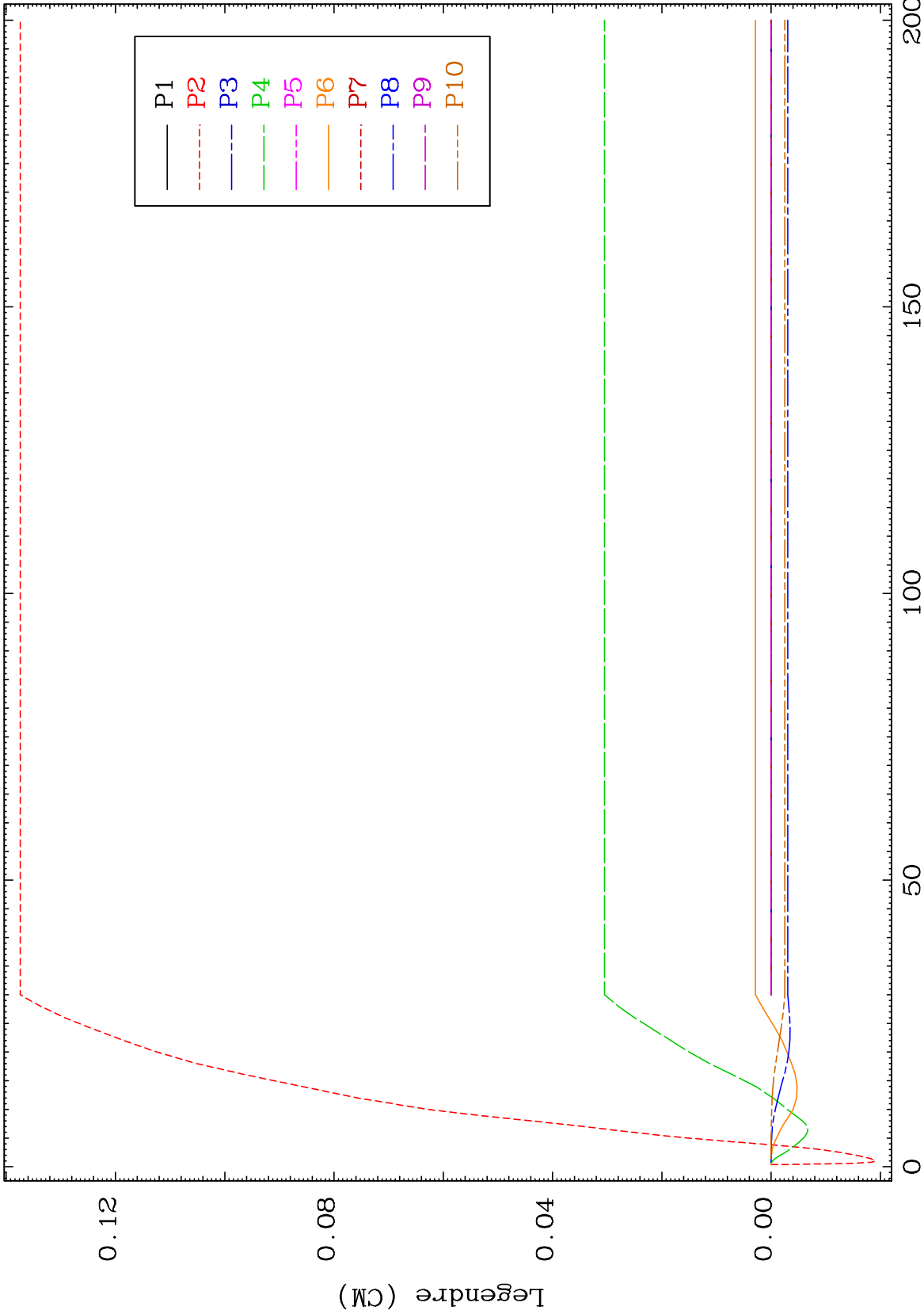
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



51

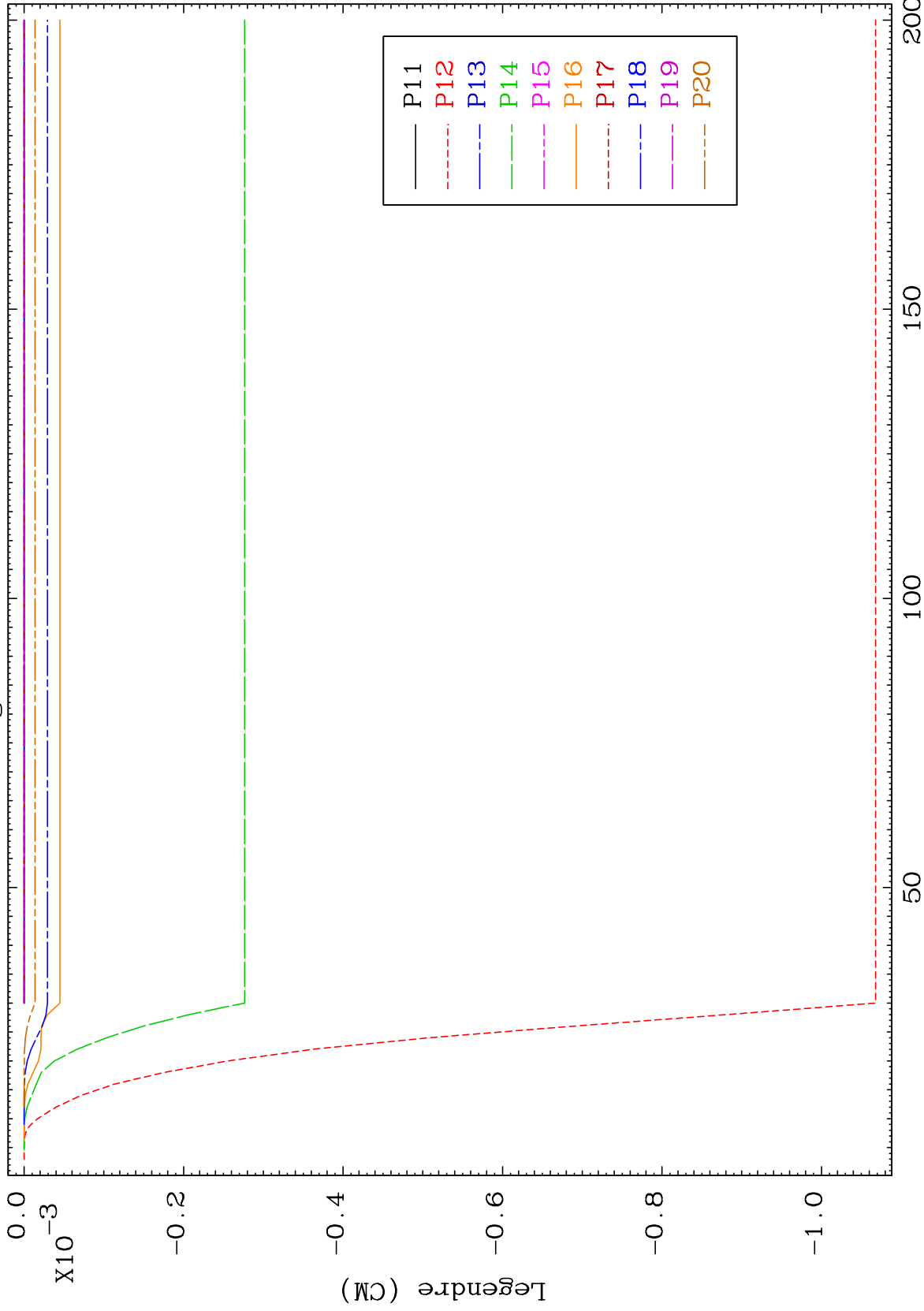
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



52

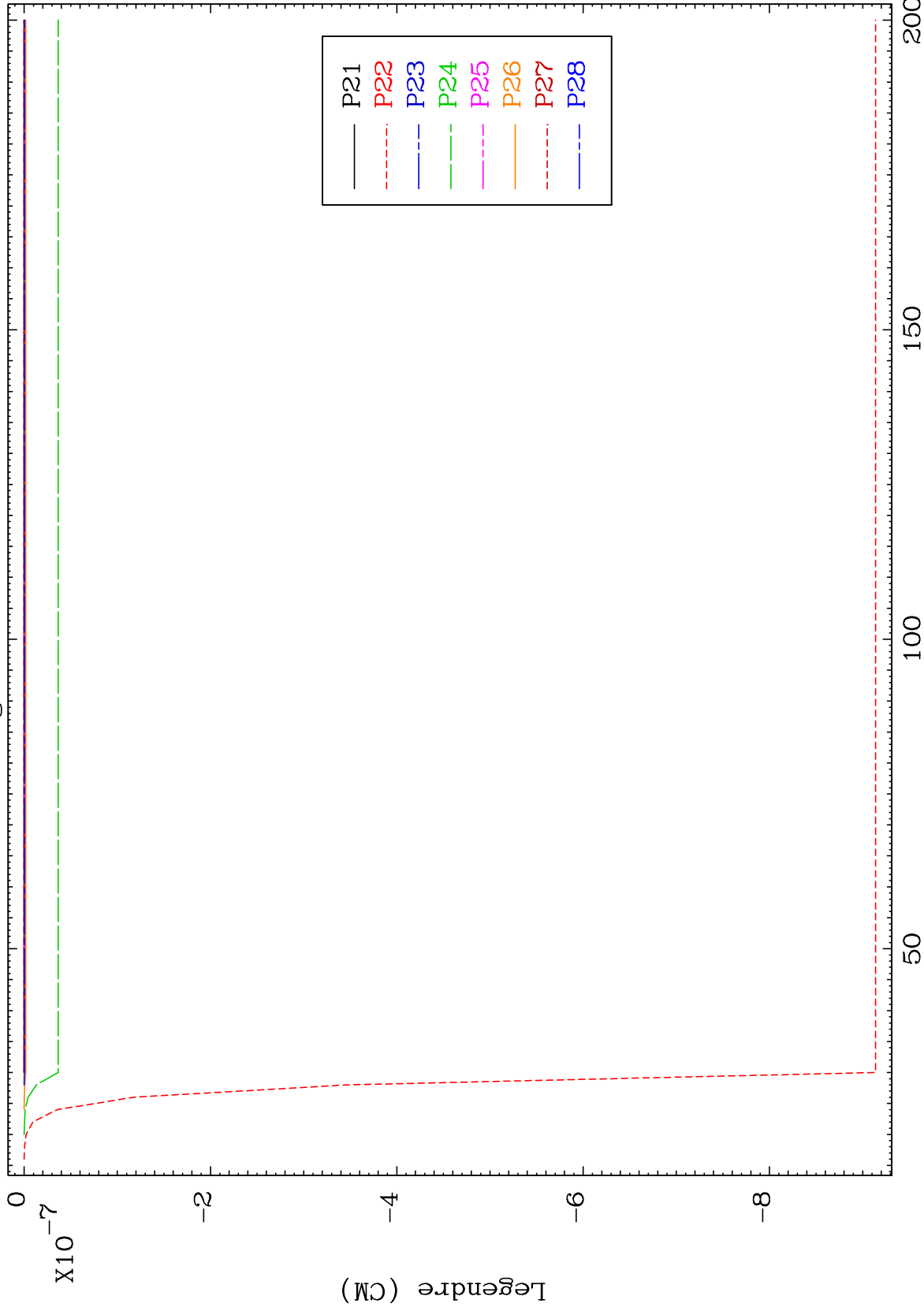
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



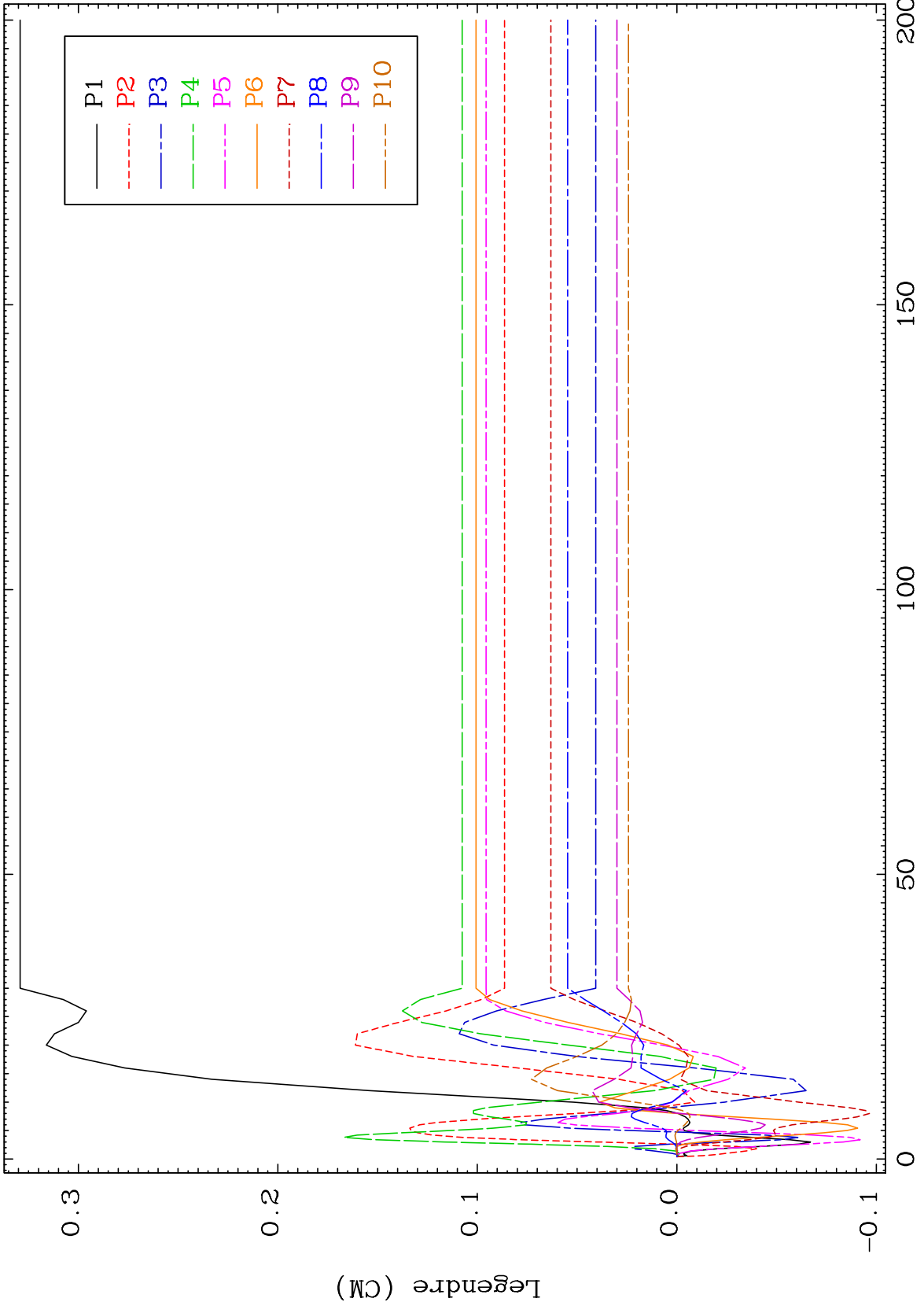
53

79-Au-186

MAT 7892

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

79-Au-186



54

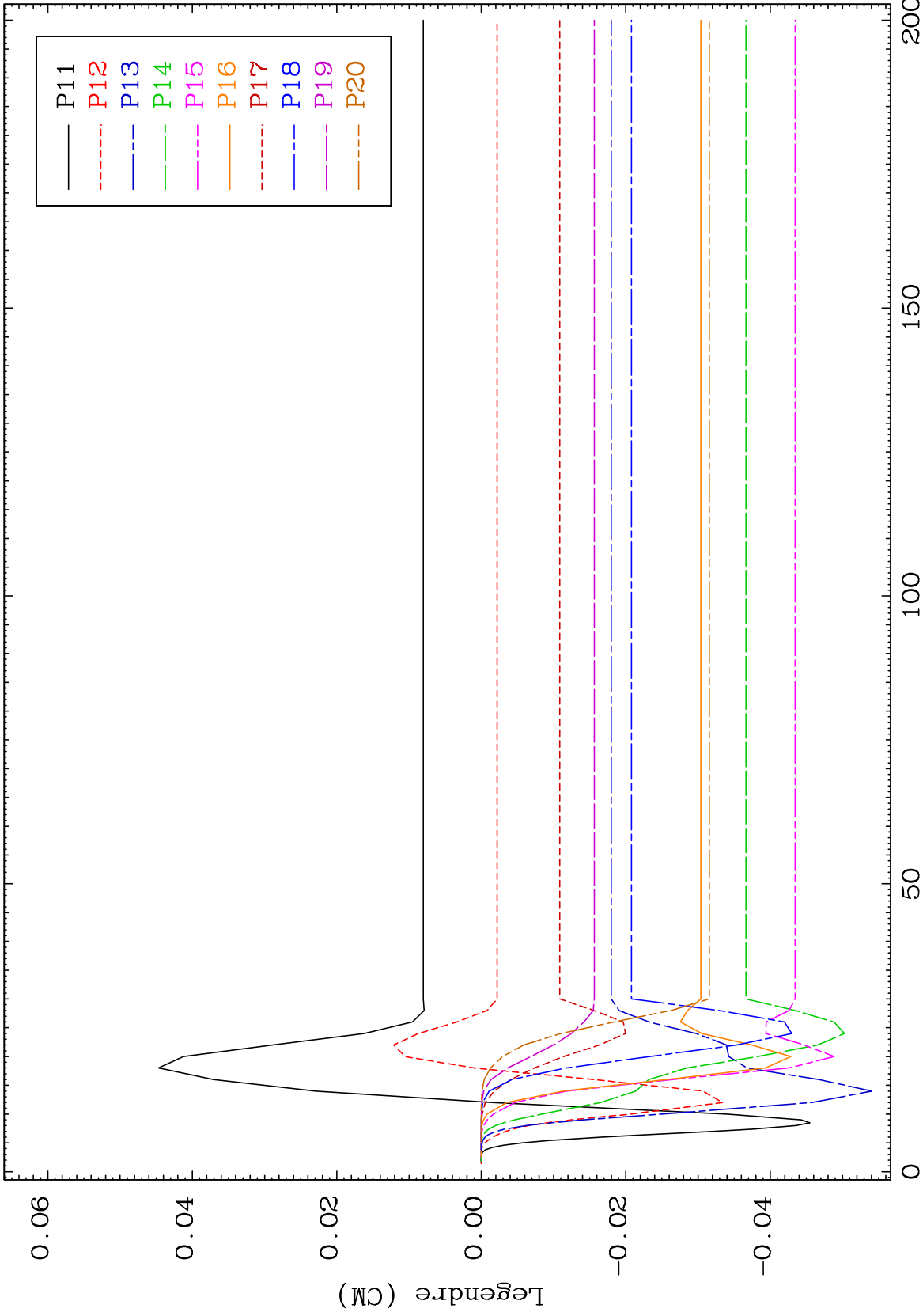
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



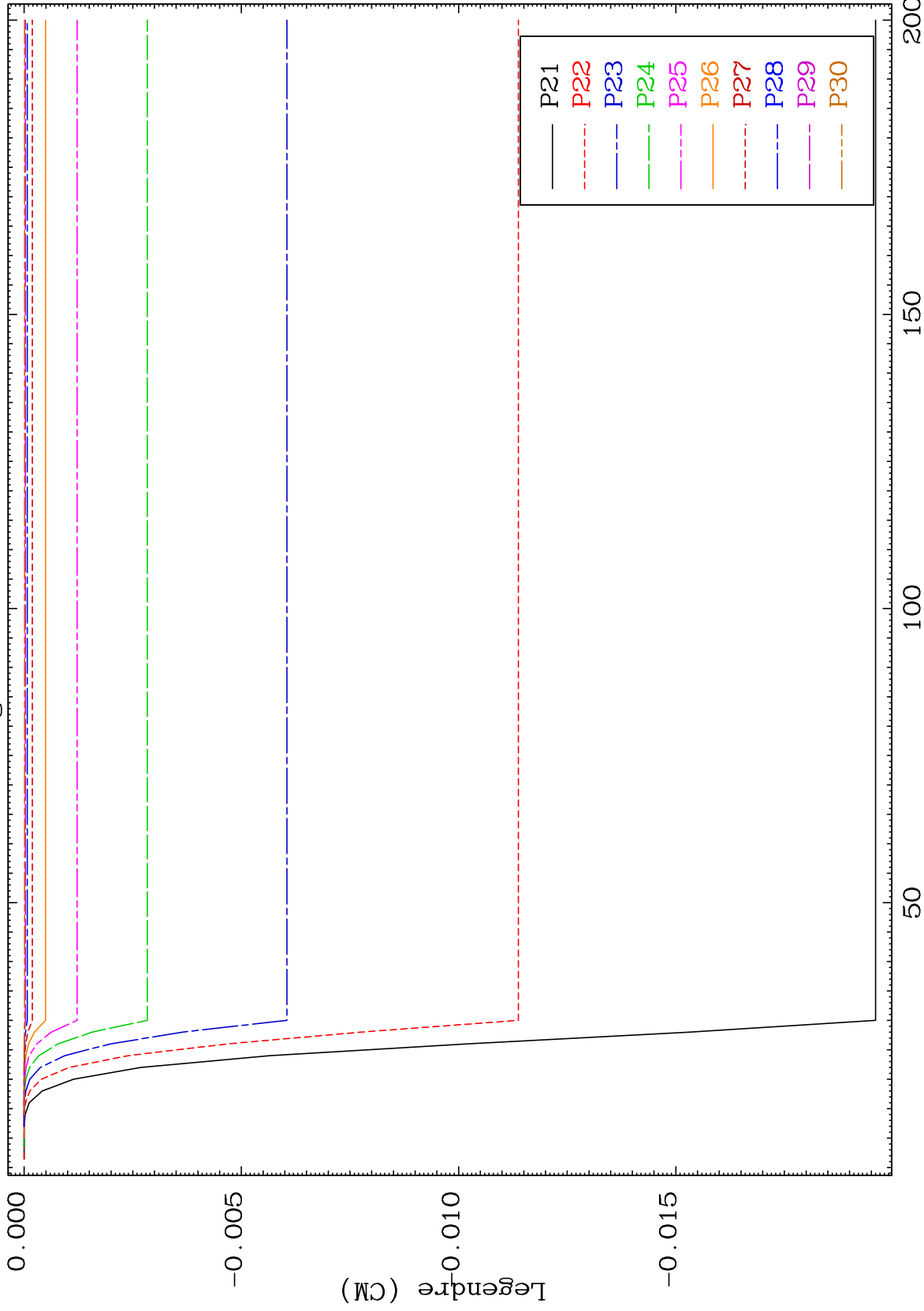
55

79-Au-186

MAT 7892

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

79-Au-186



56

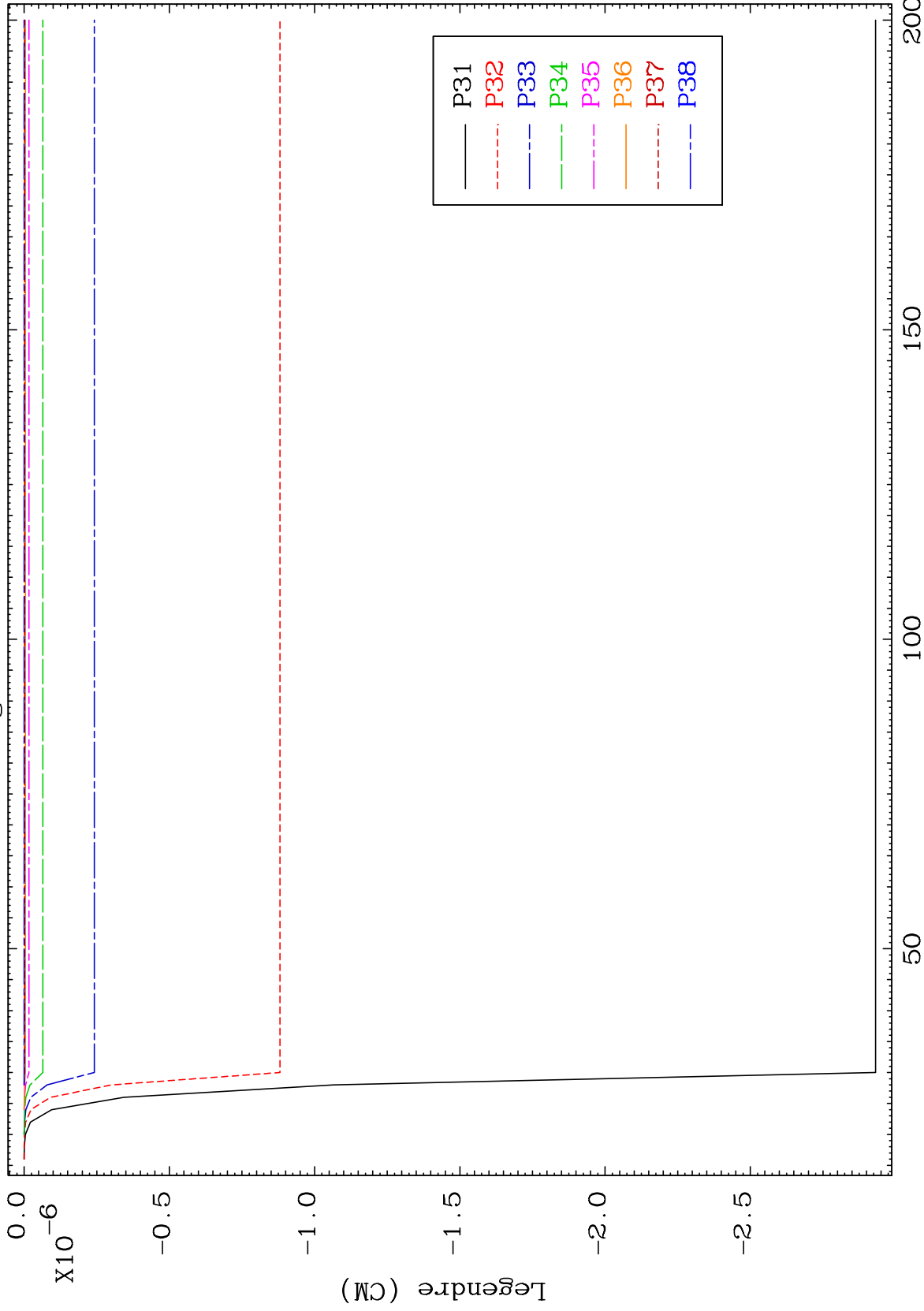
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



57

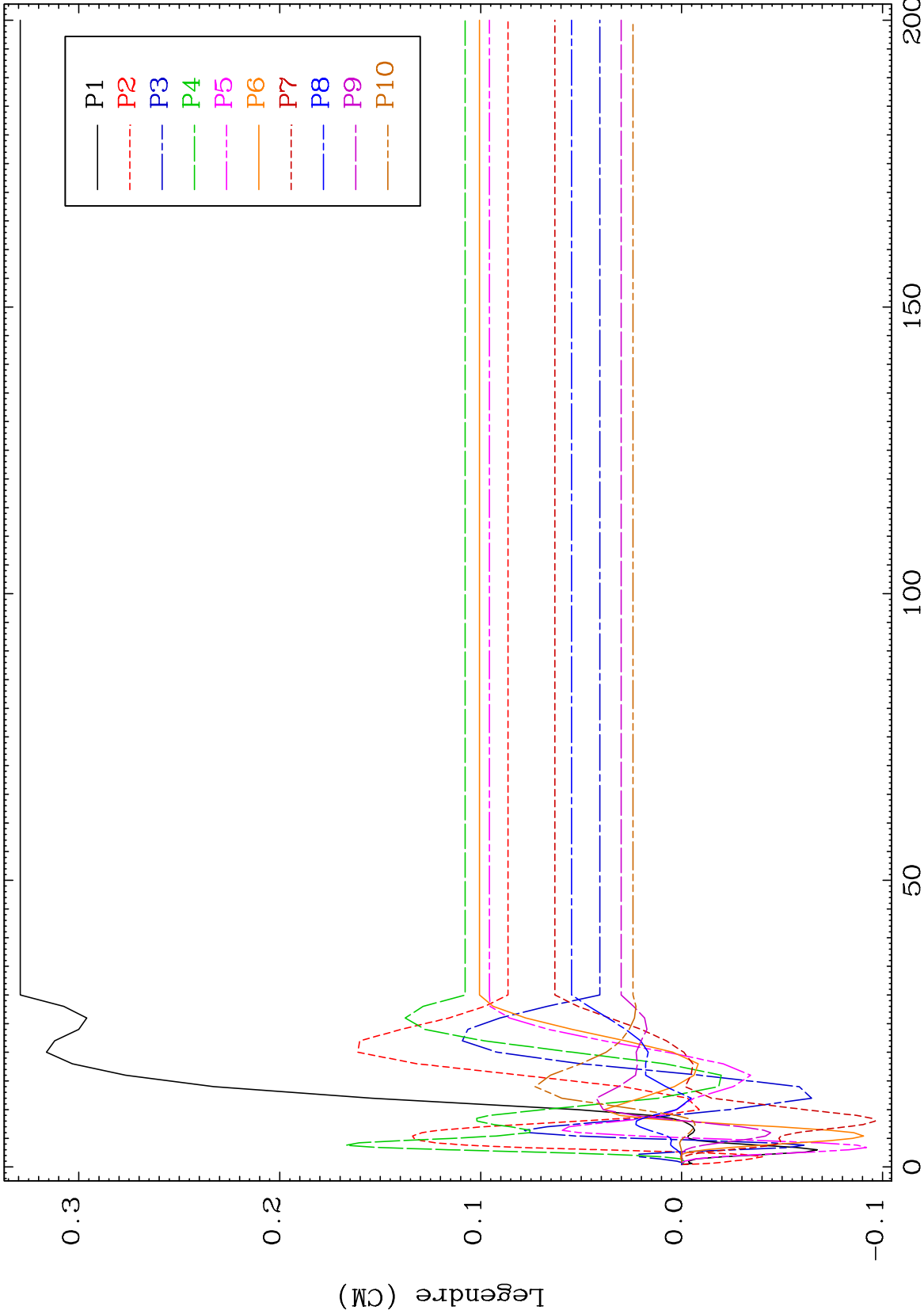
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



58

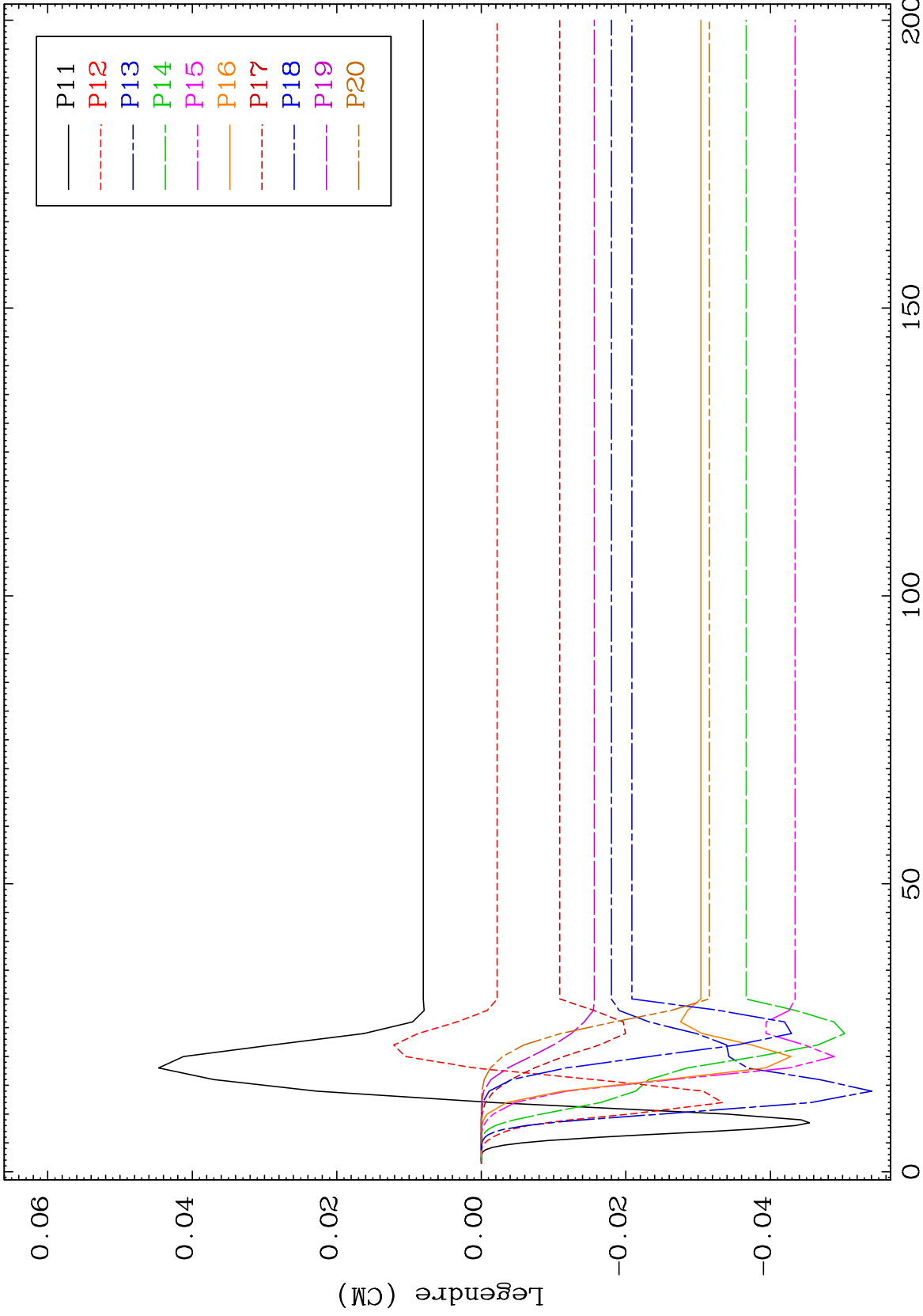
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



59

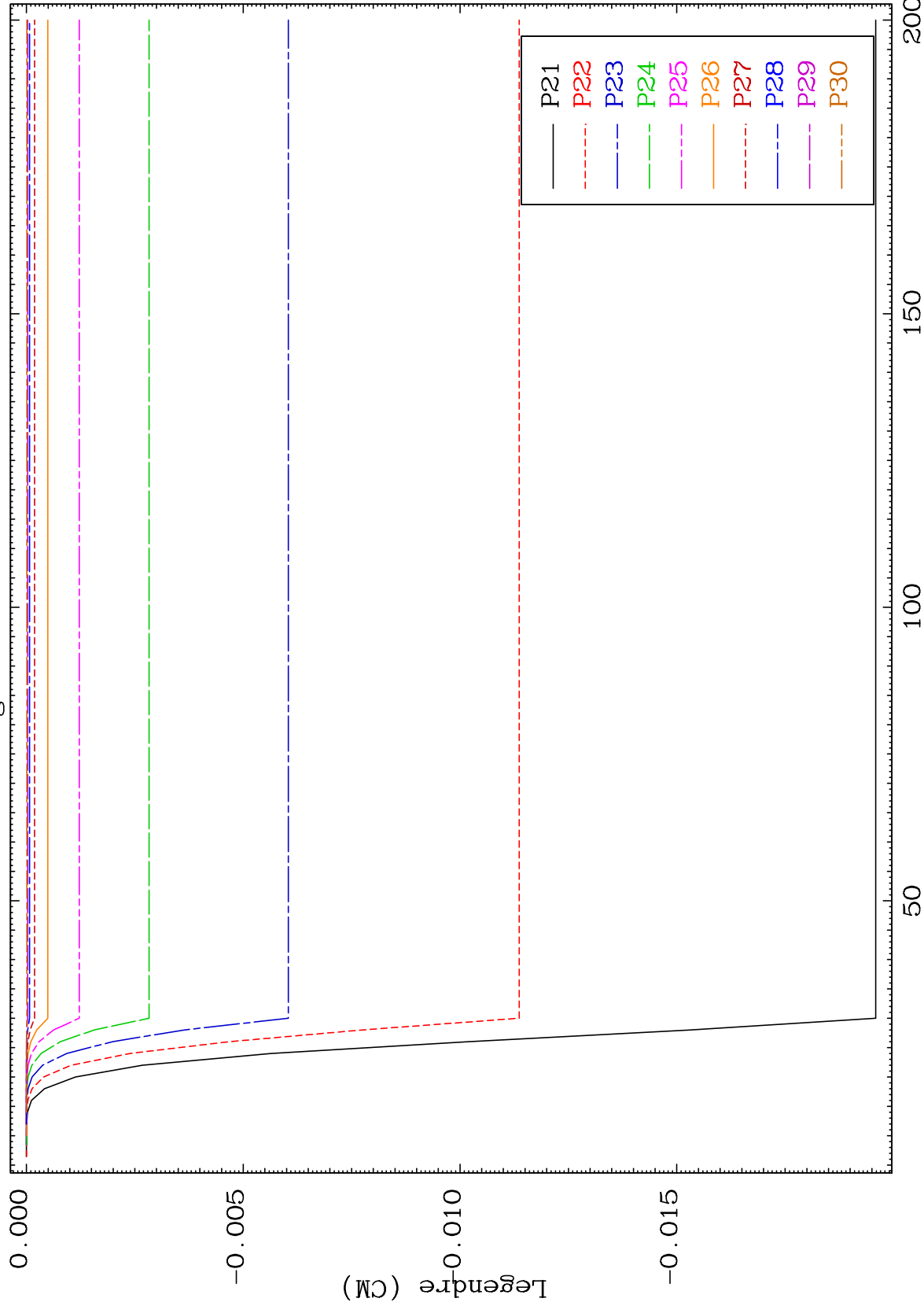
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



60

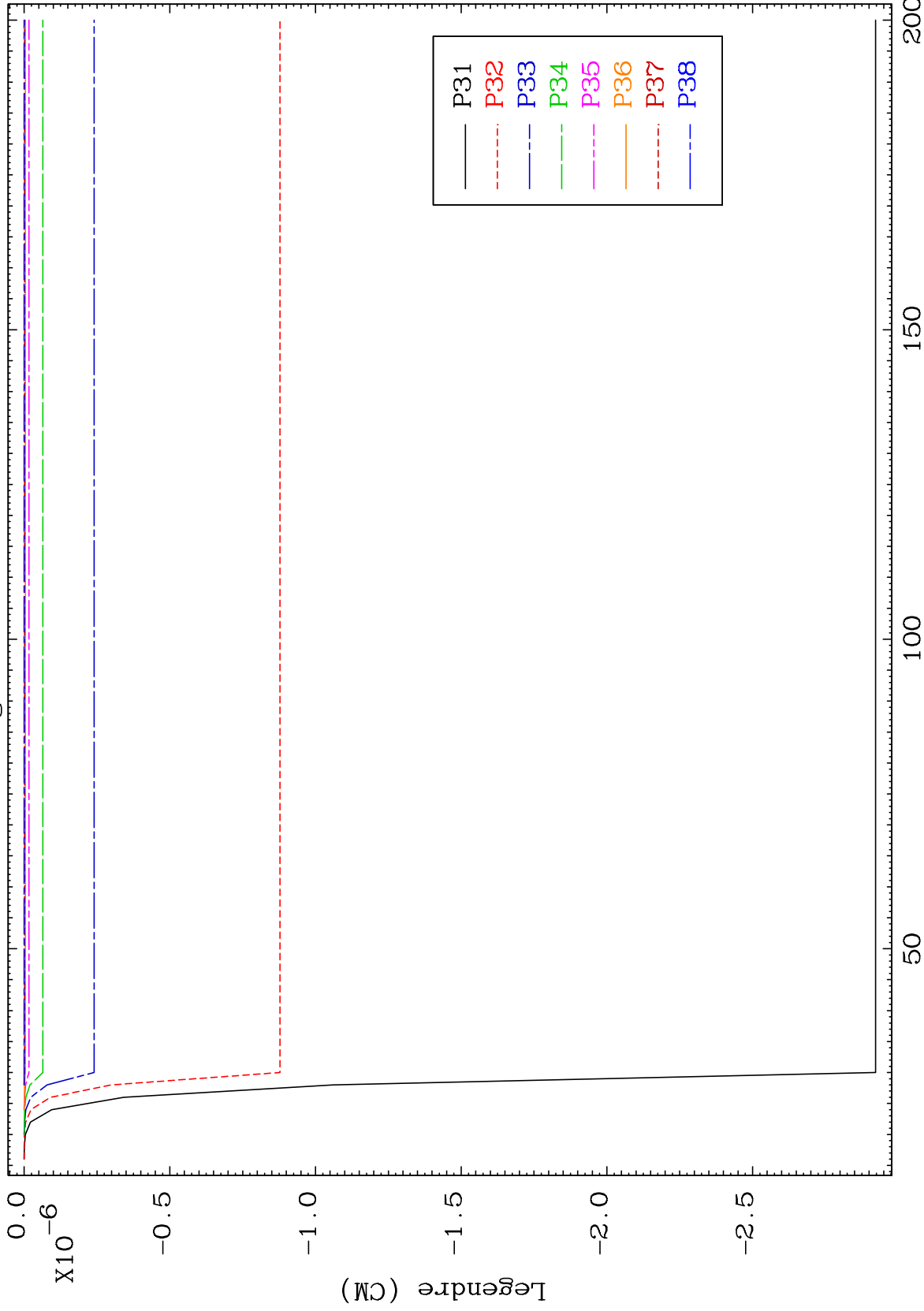
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



61

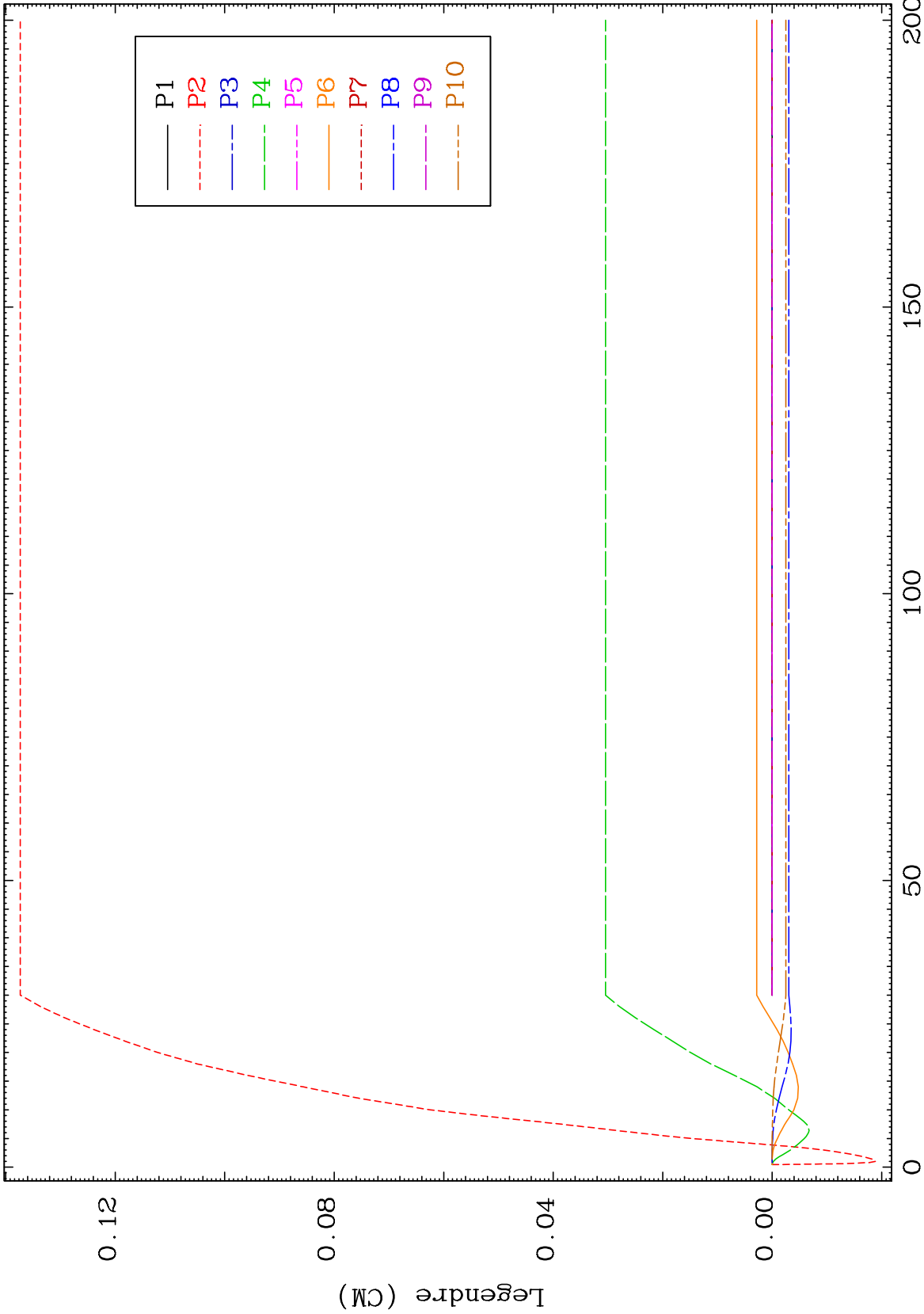
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



62

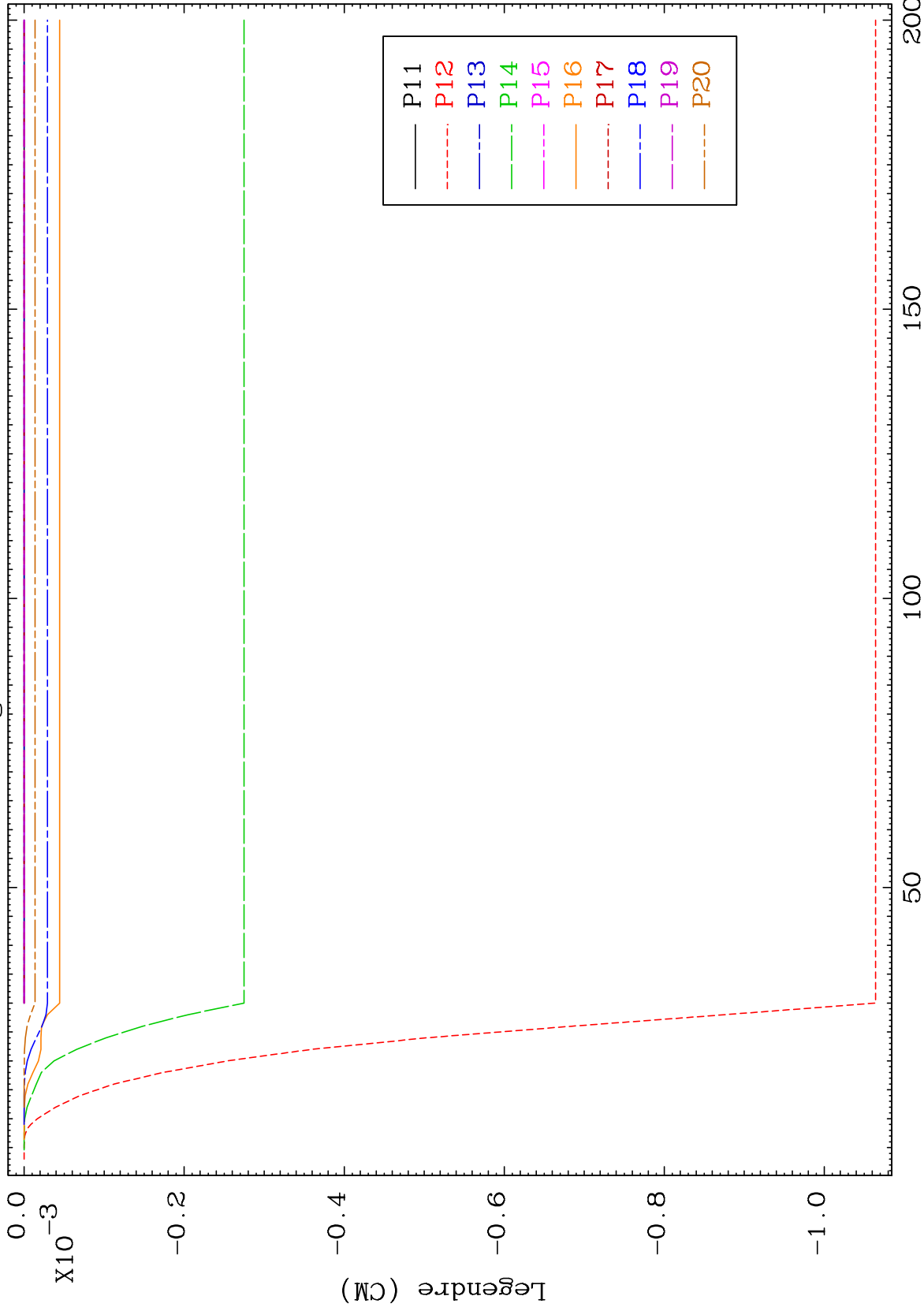
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



63

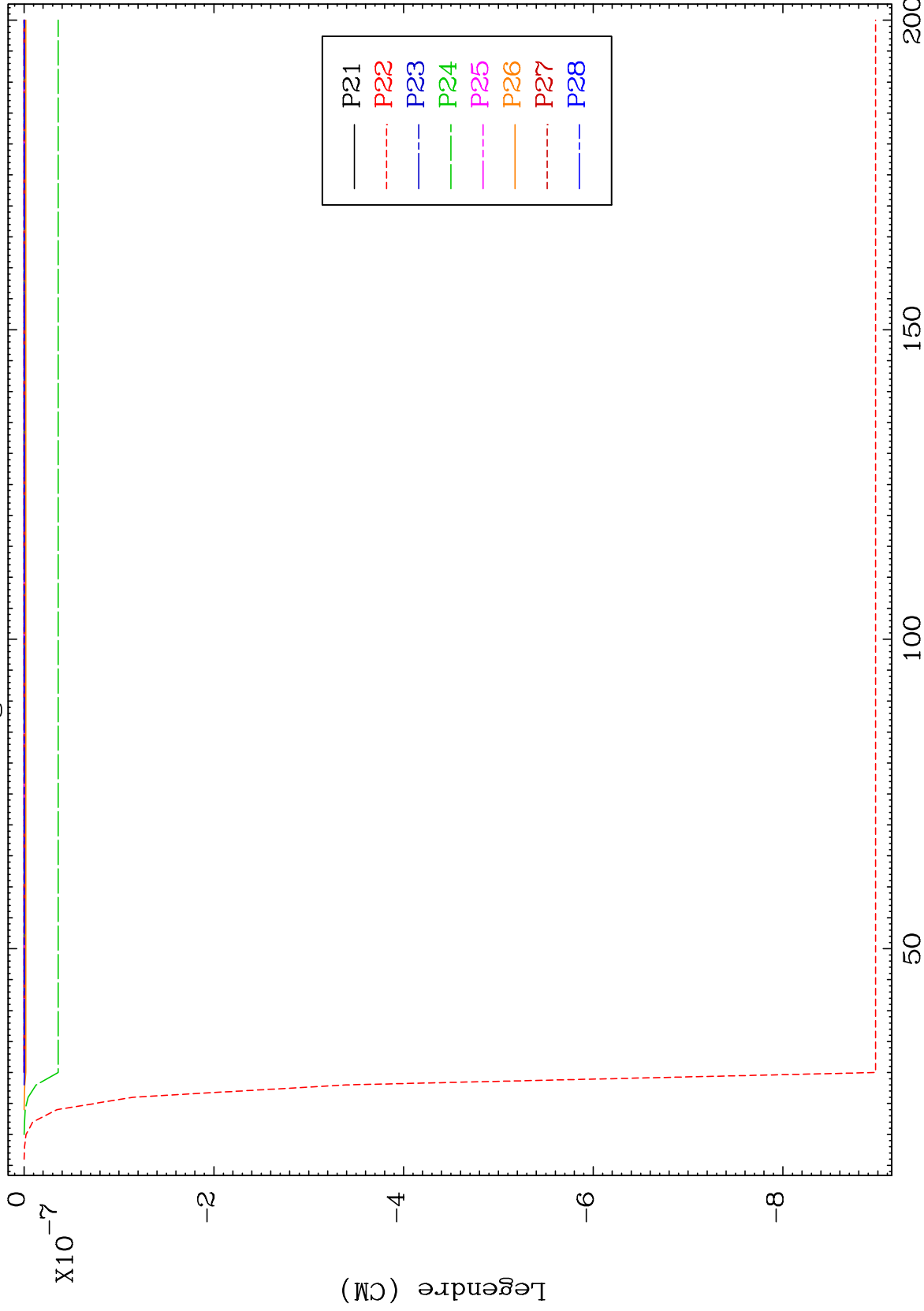
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



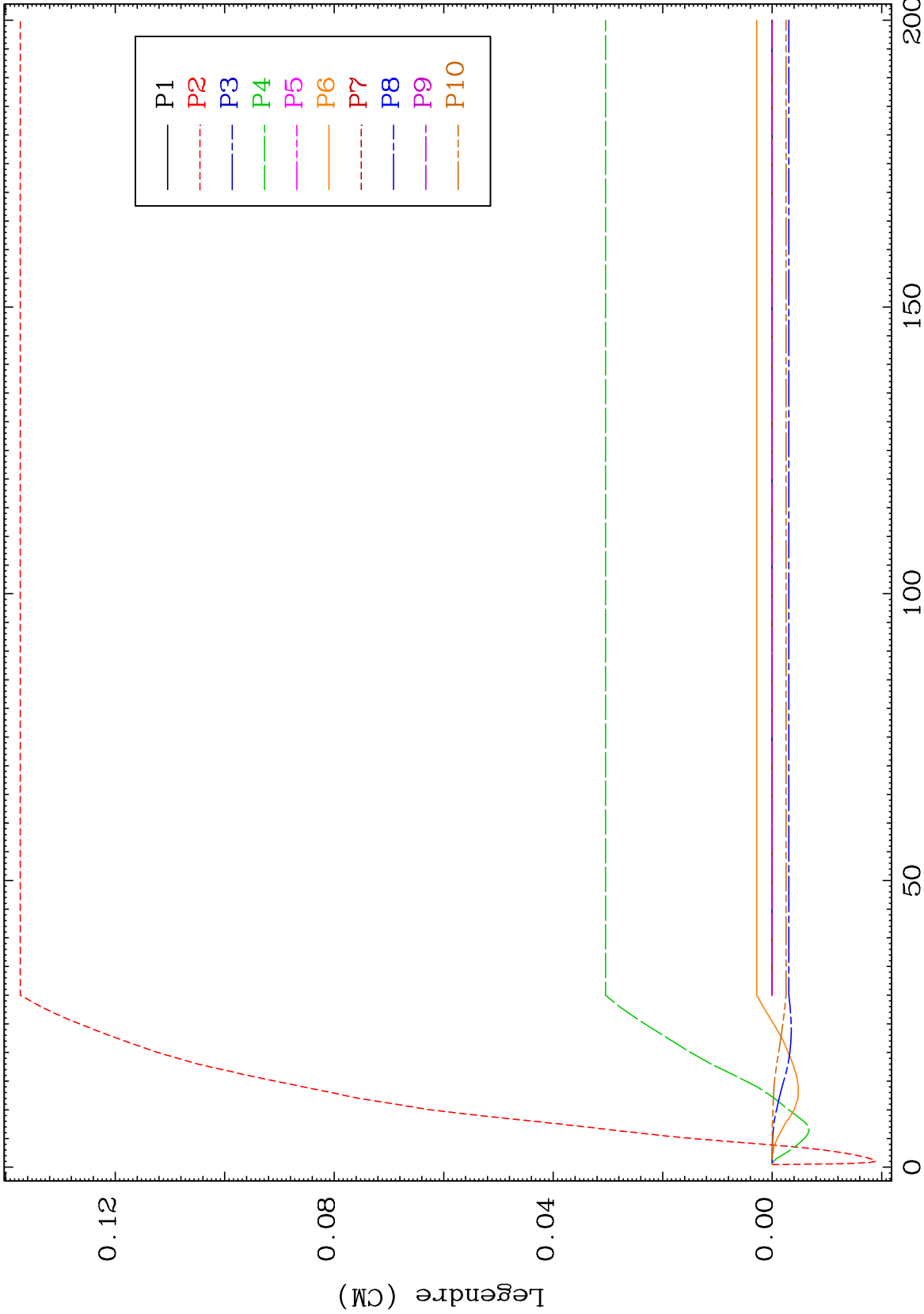
64

79-Au-186

MAT 7892

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

79-Au-186



65

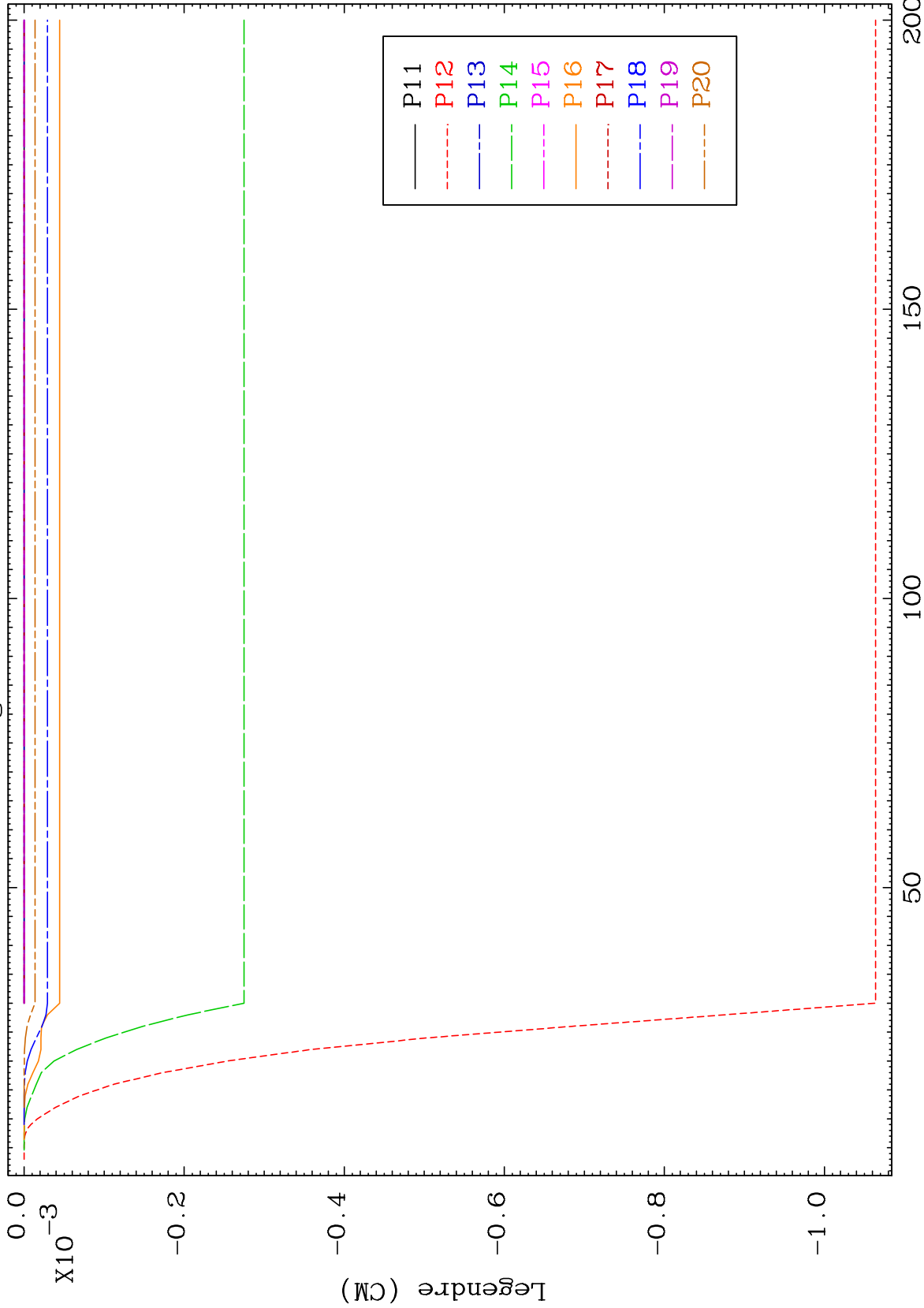
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



66

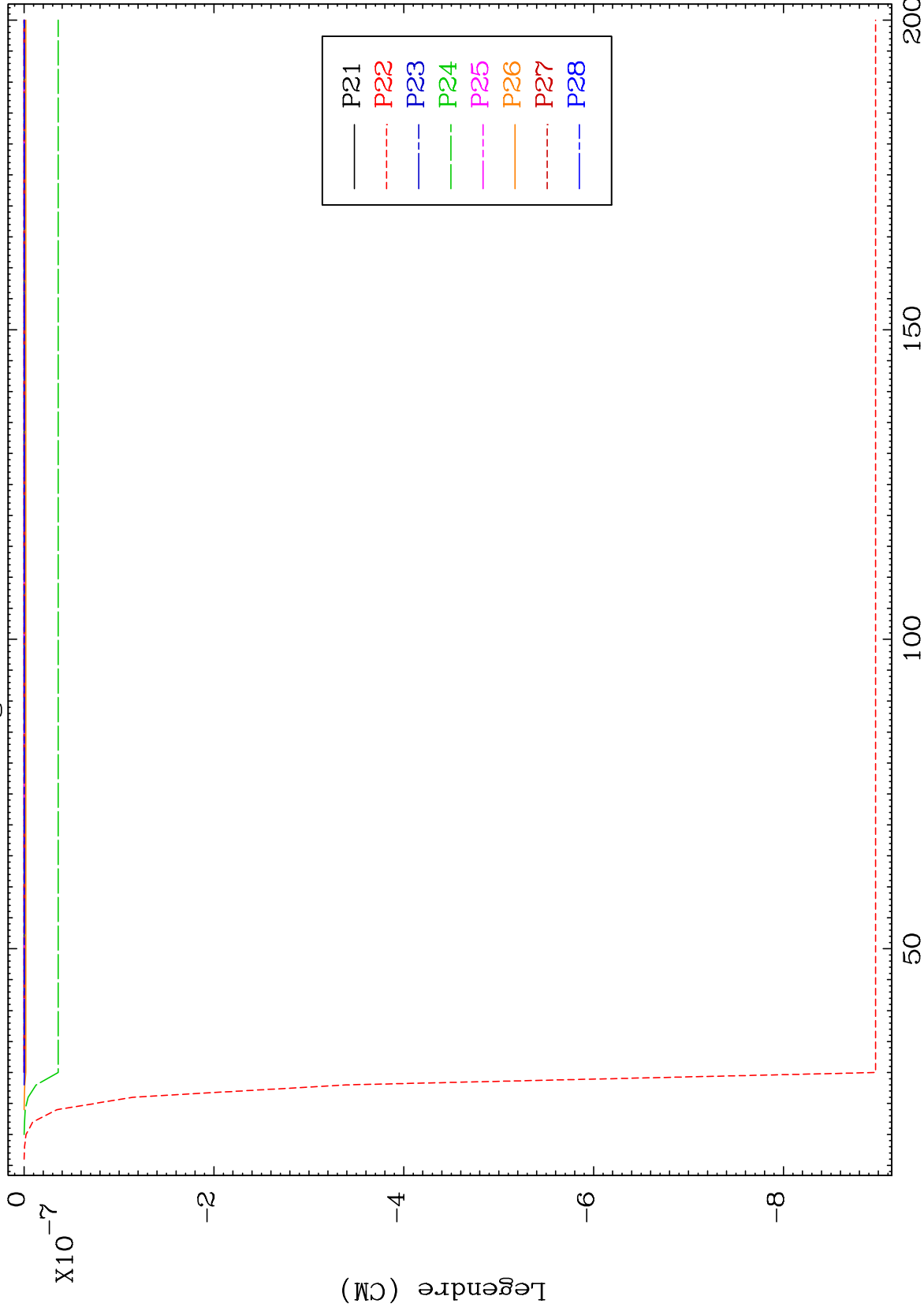
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



67

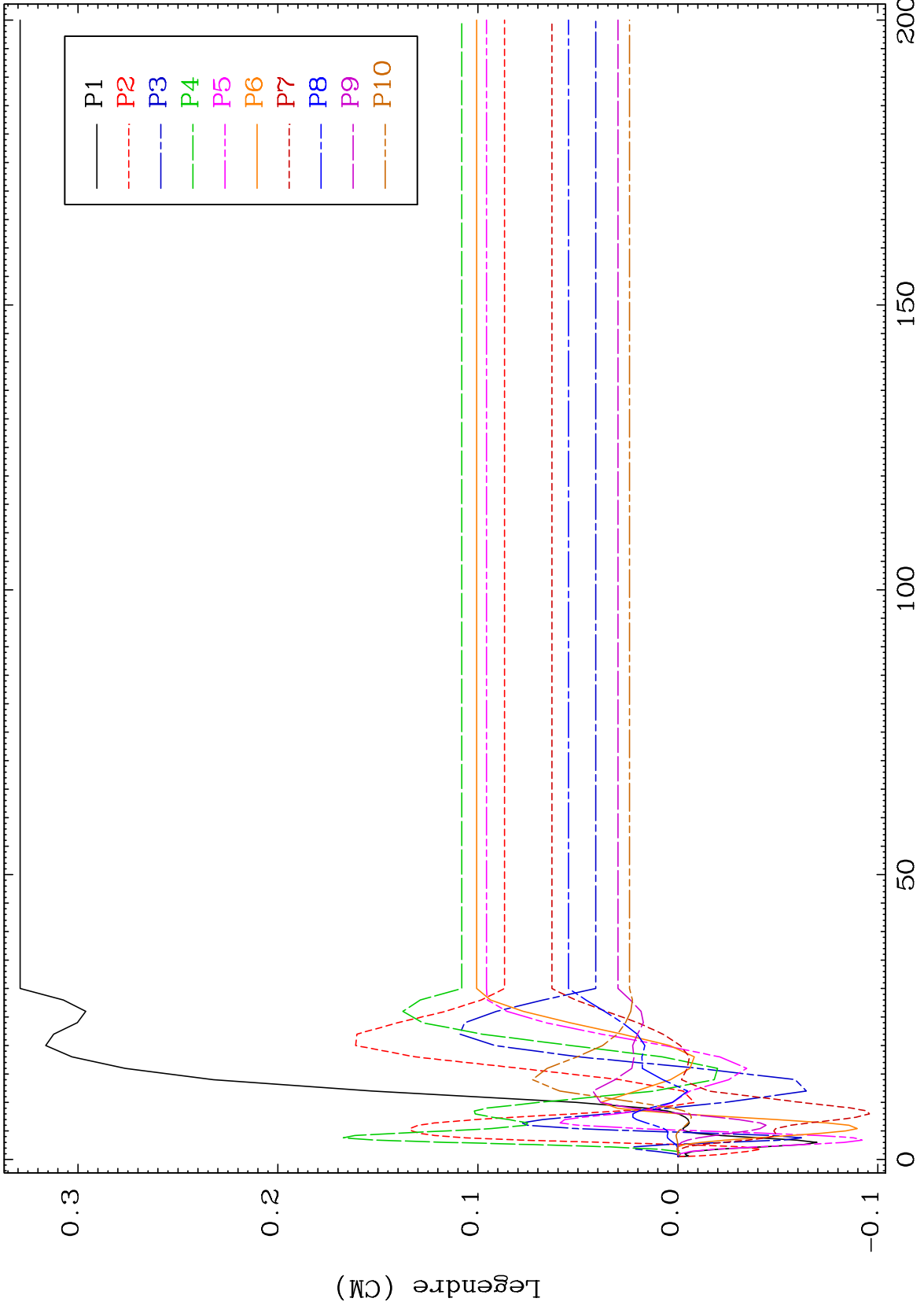
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



68

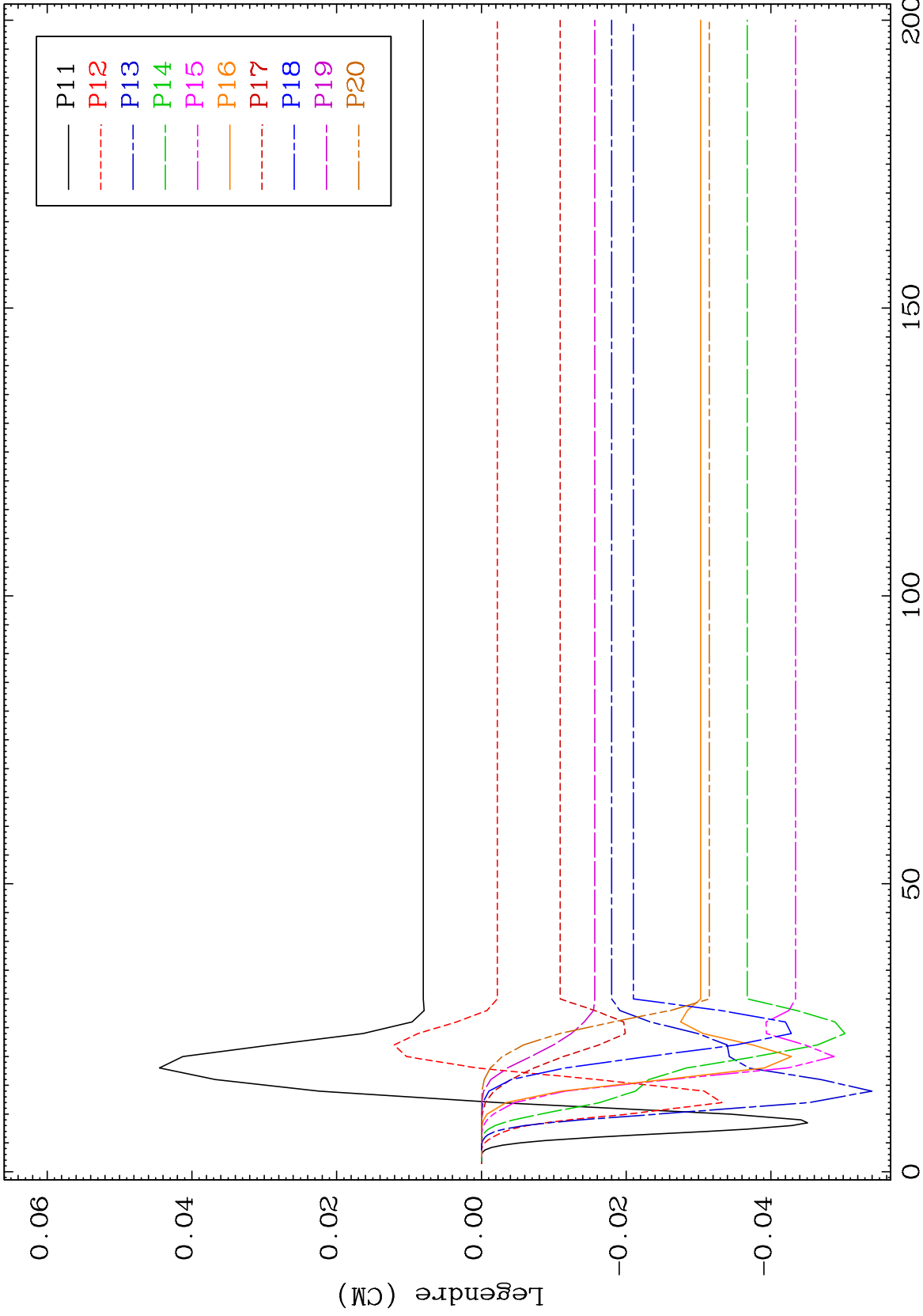
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



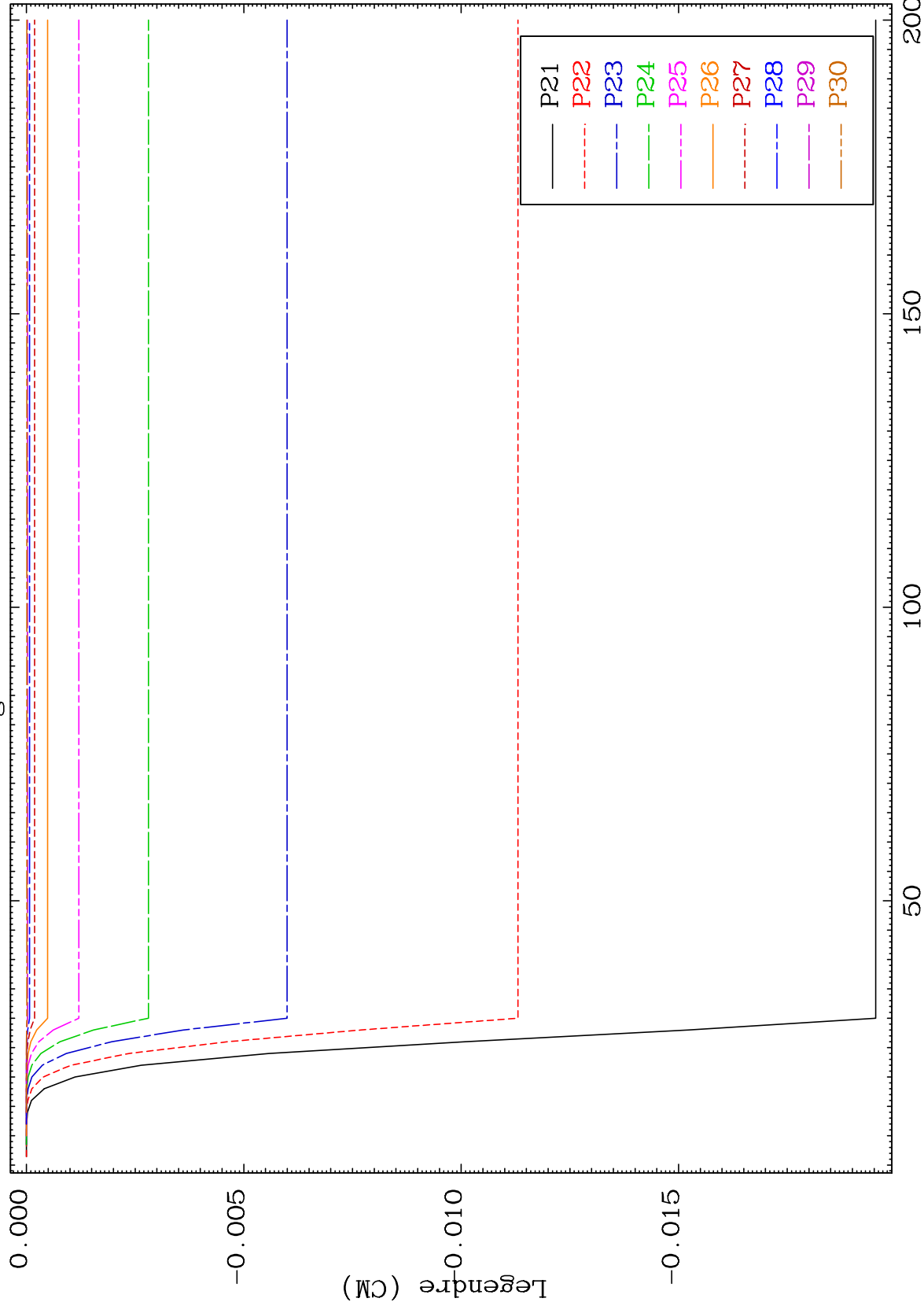
69

79-Au-186

MAT 7892

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

79-Au-186



70

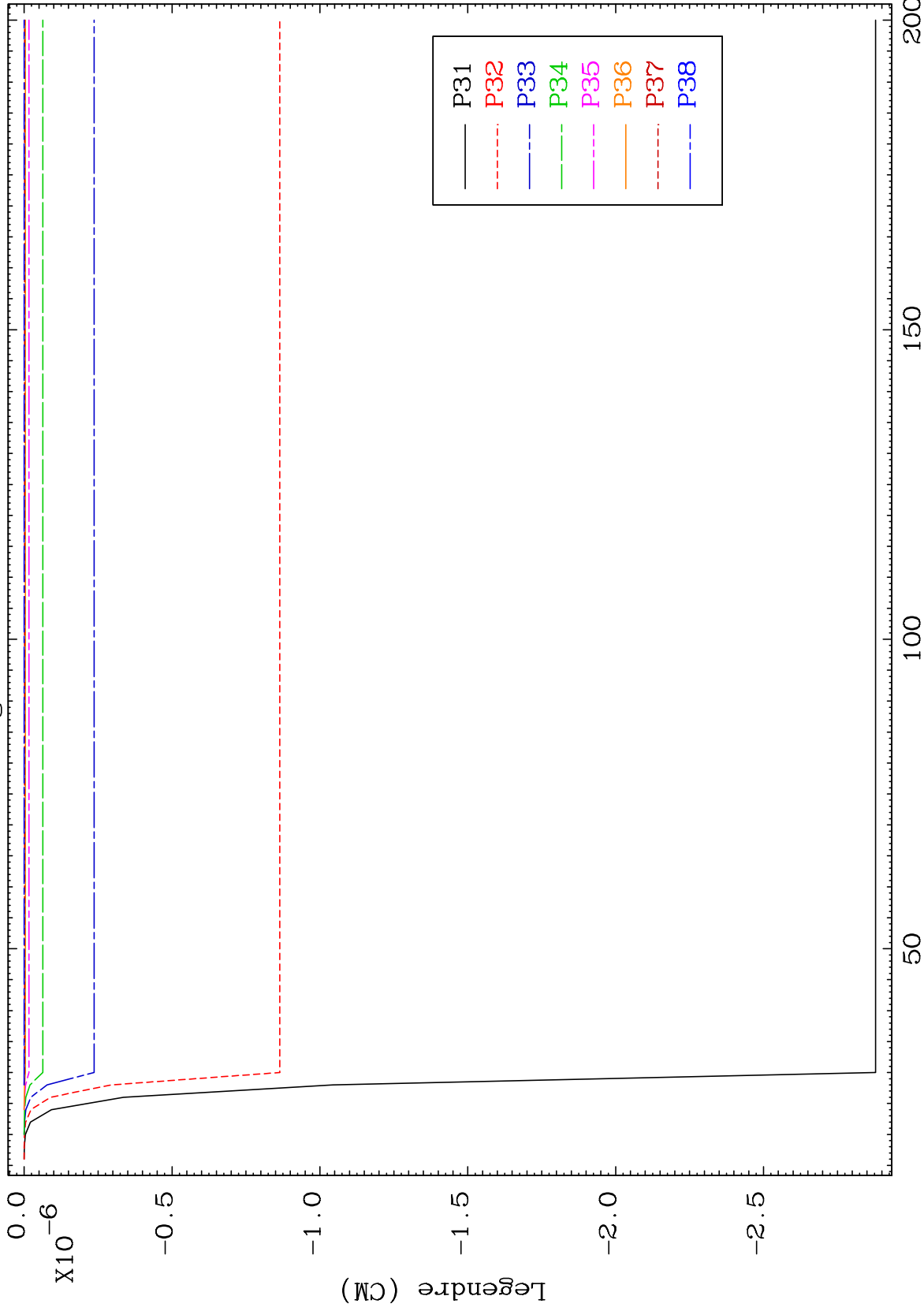
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



71

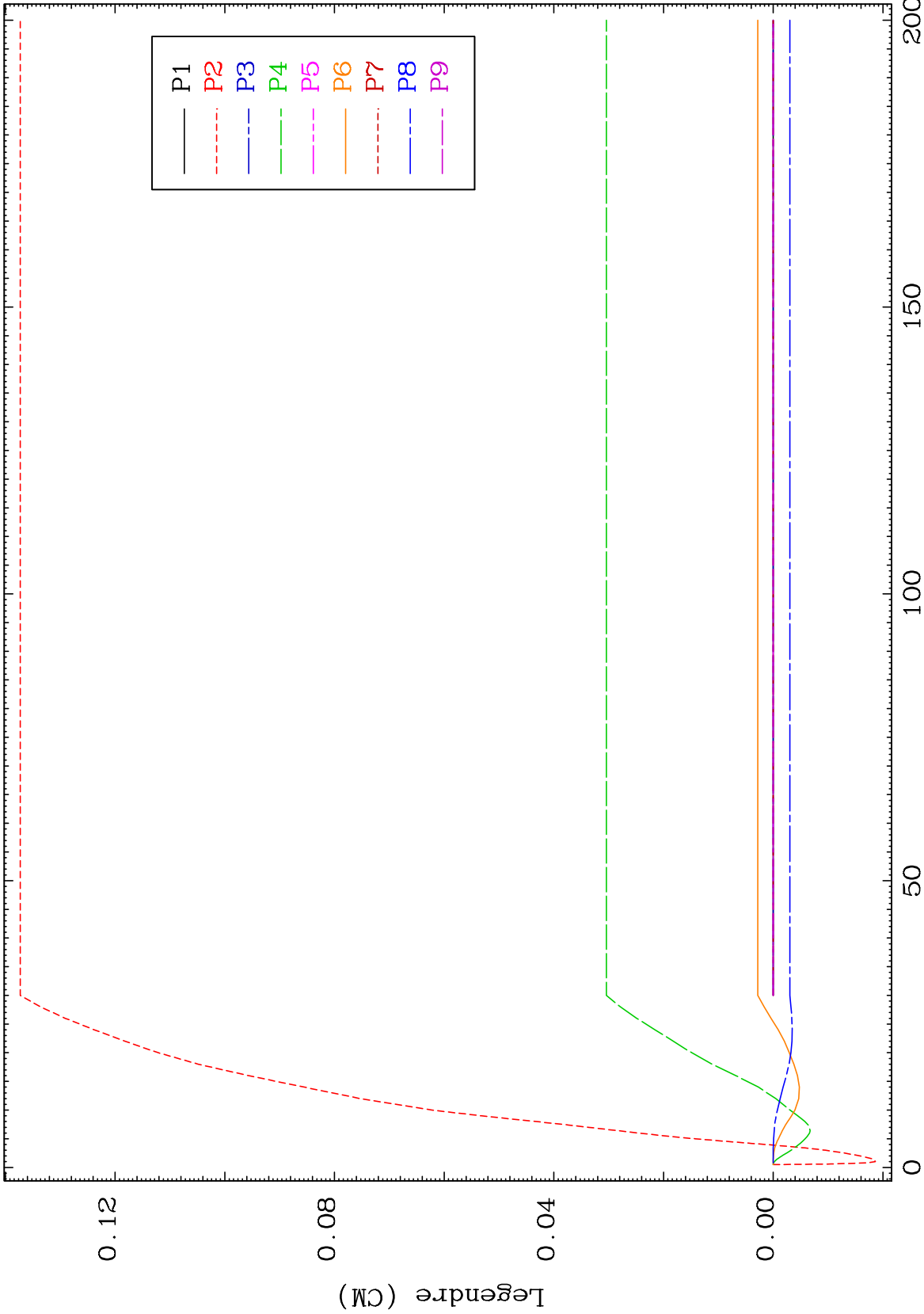
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



72

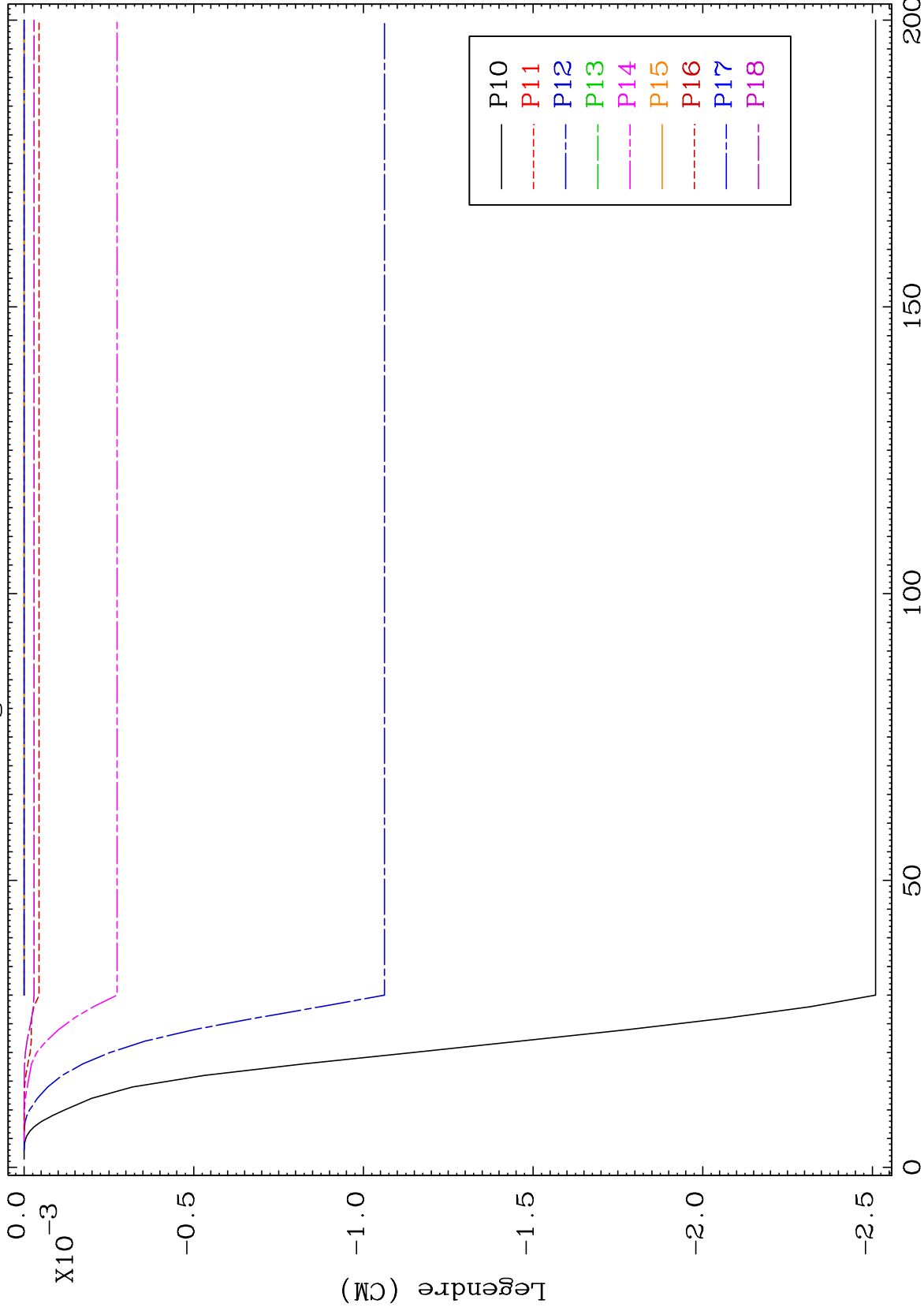
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



73

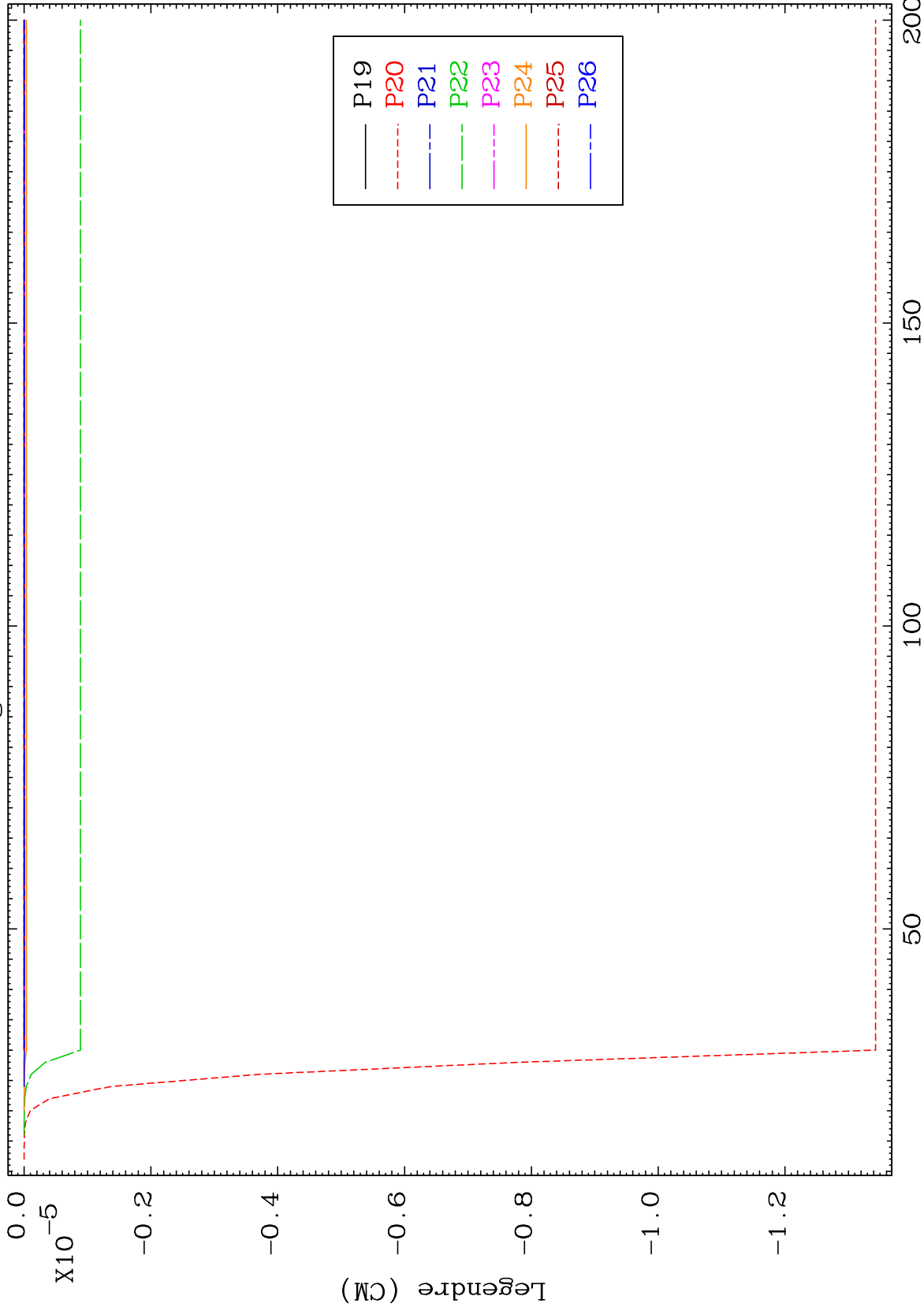
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



74

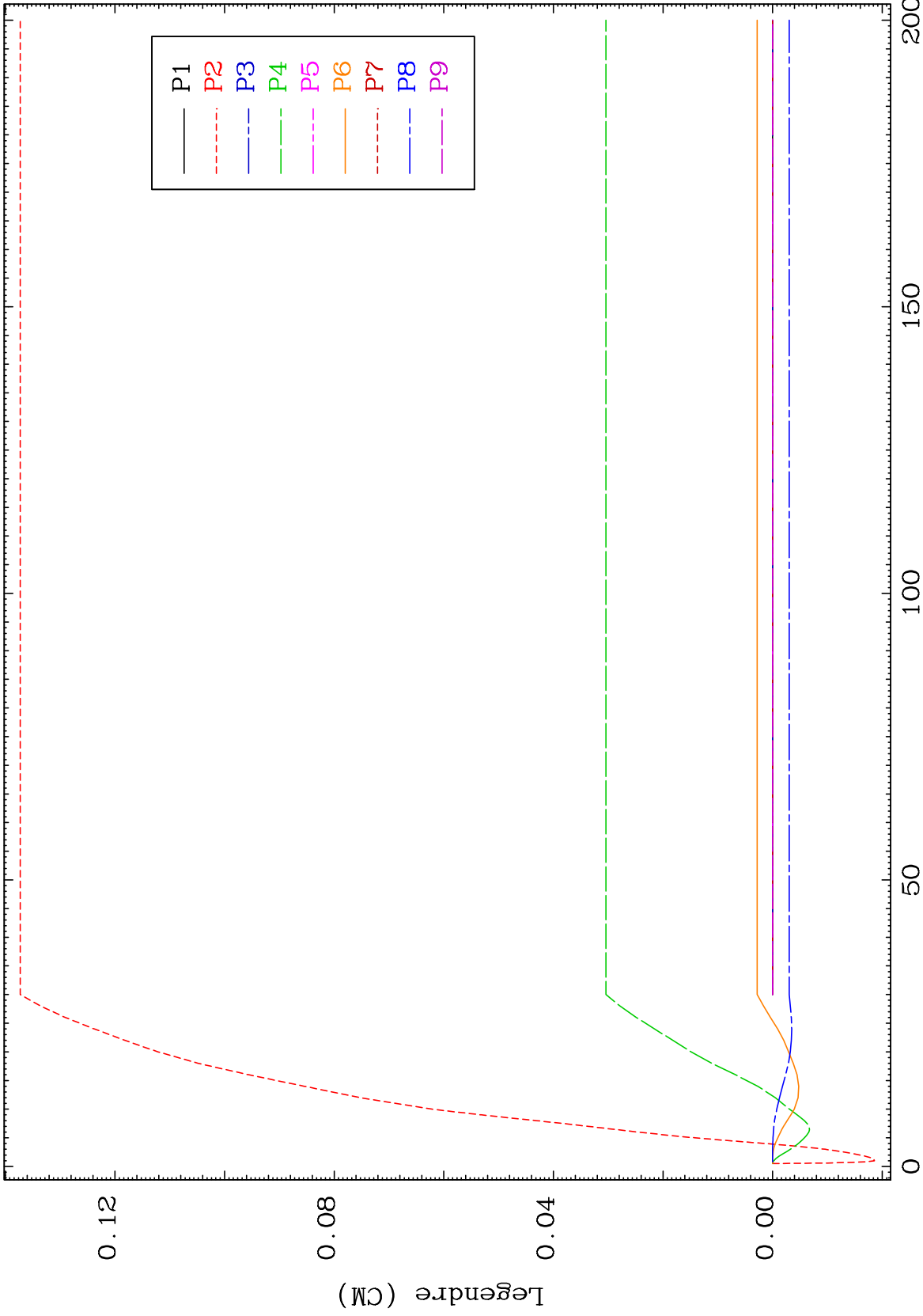
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



75

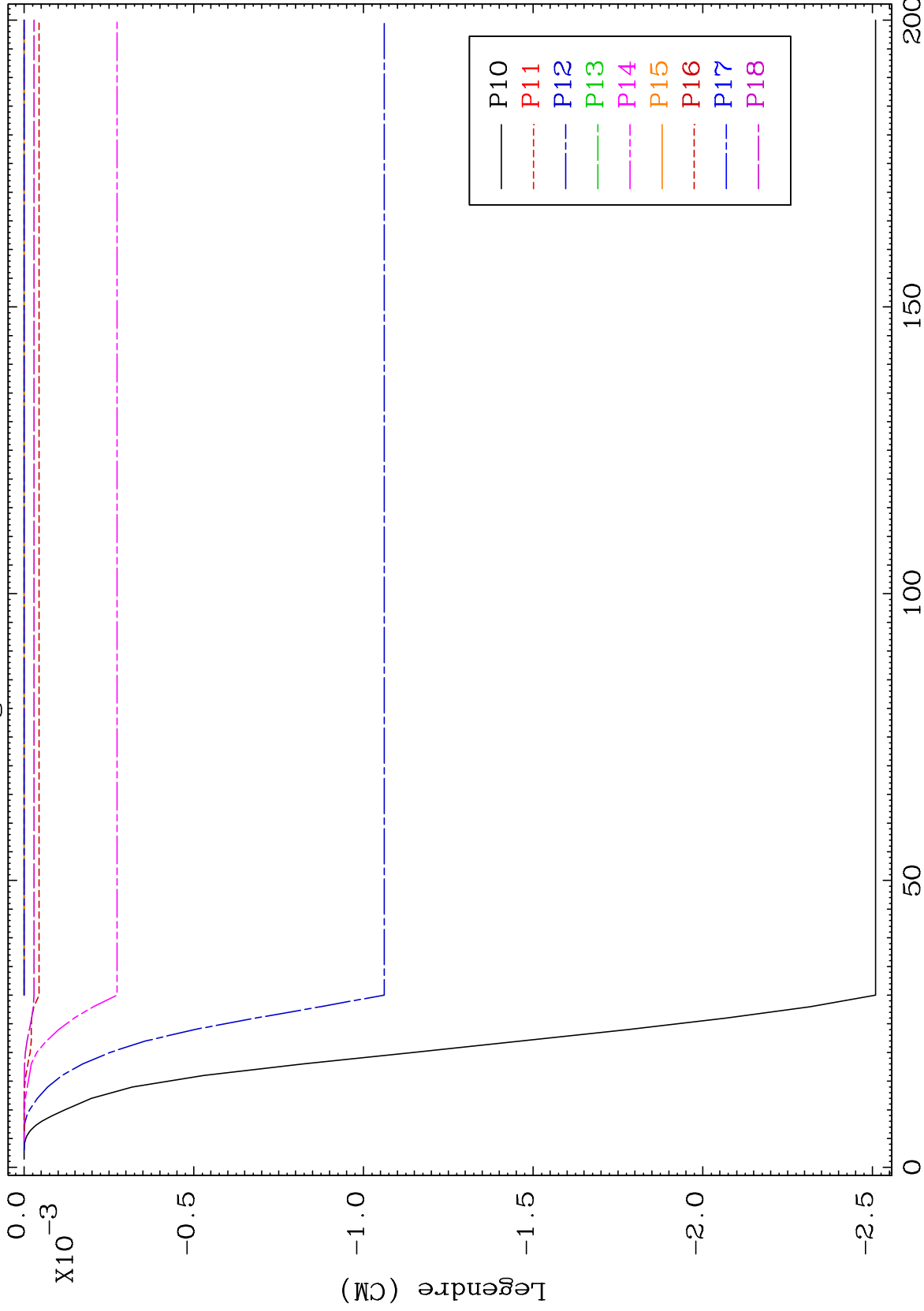
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



76

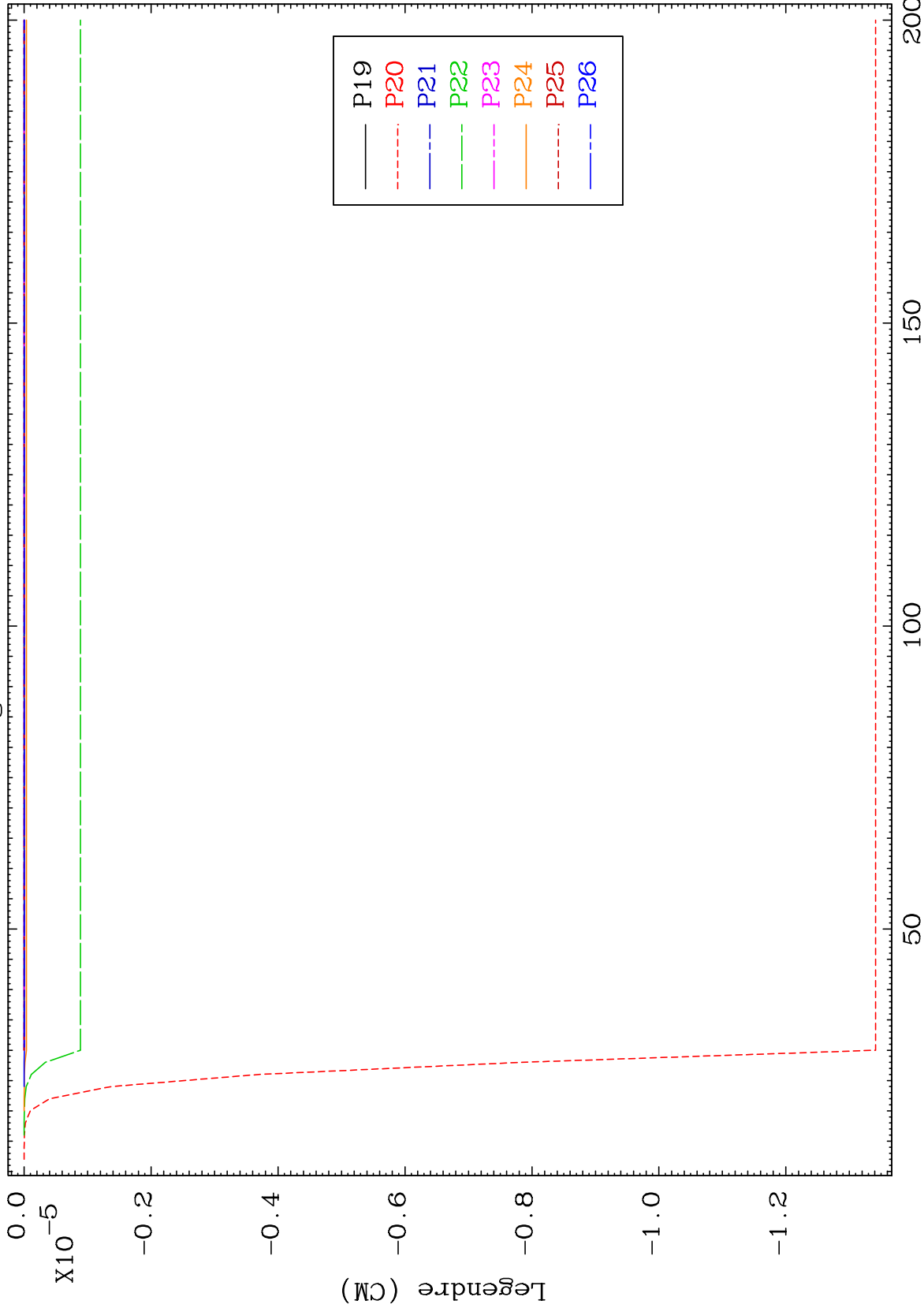
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



77

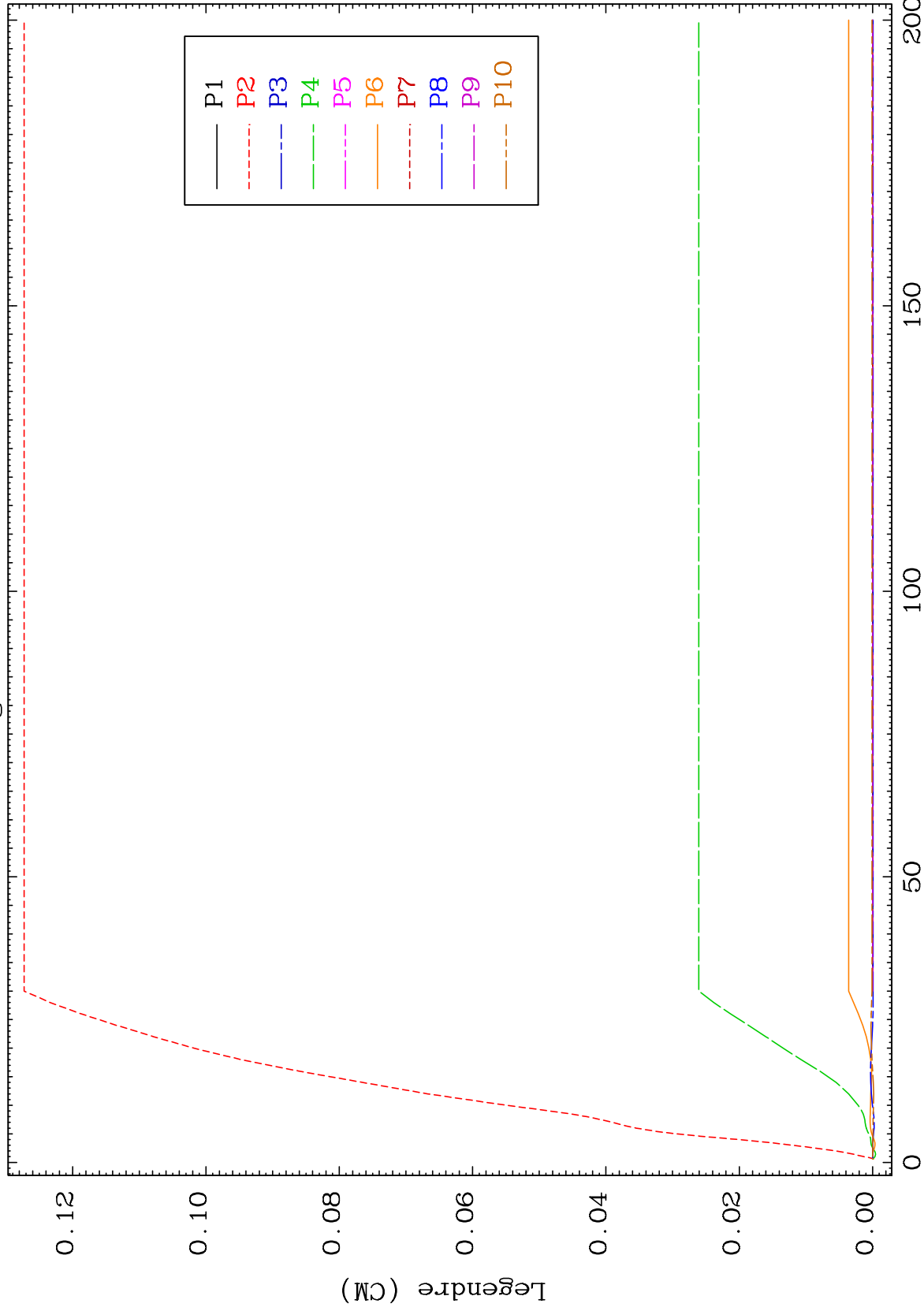
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



78

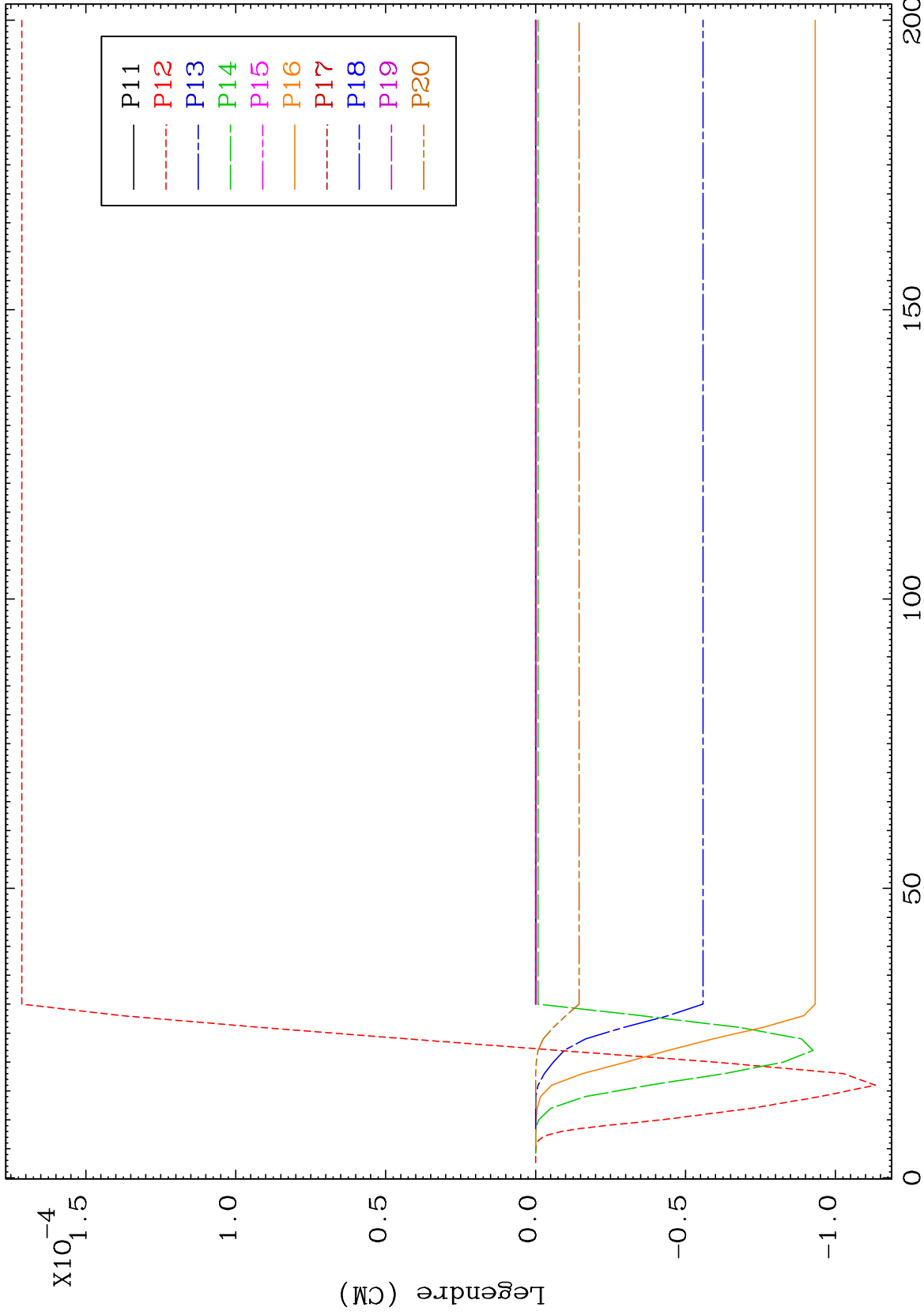
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



79

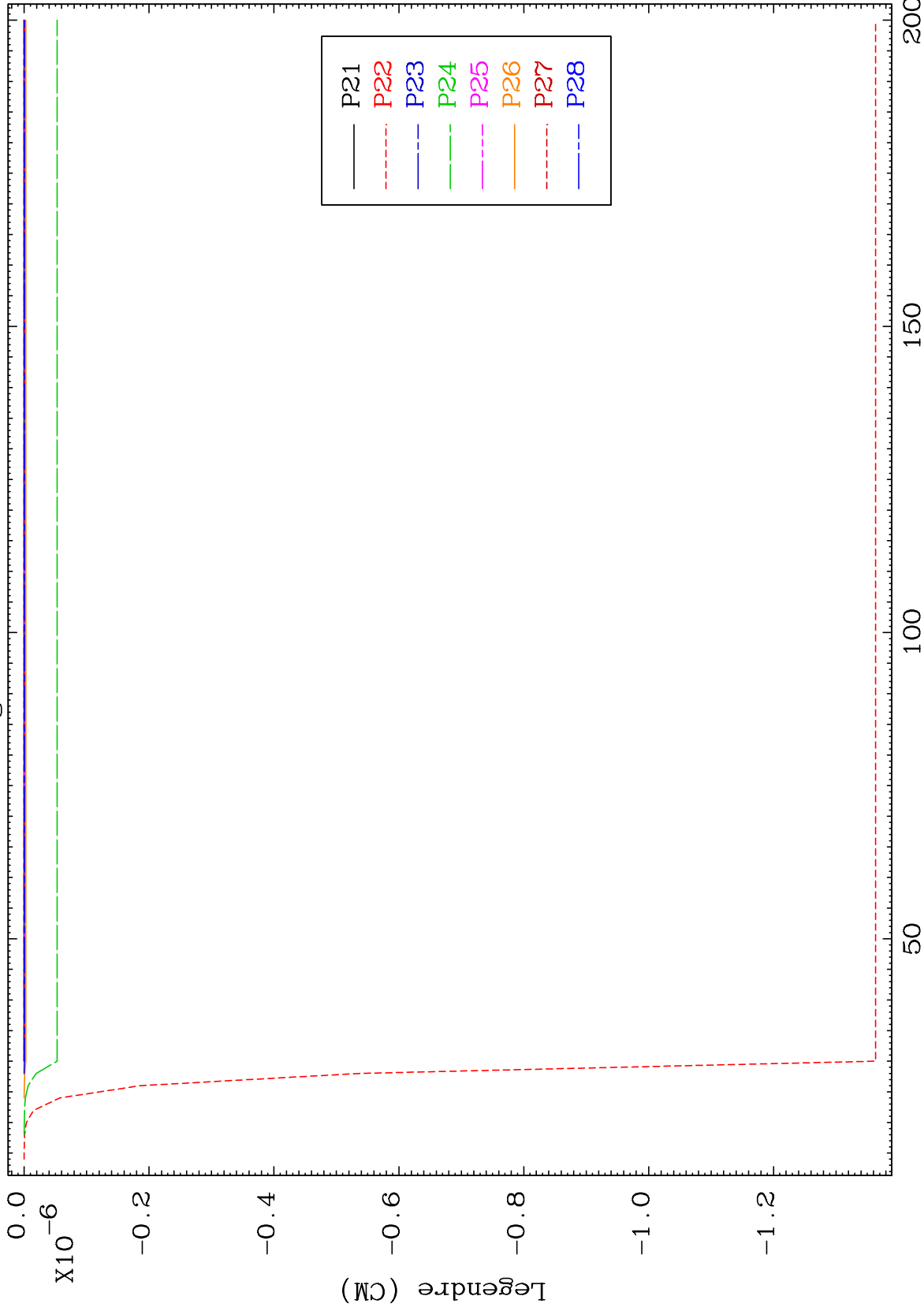
79-Au-186

MAT 7892

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

79-Au-186

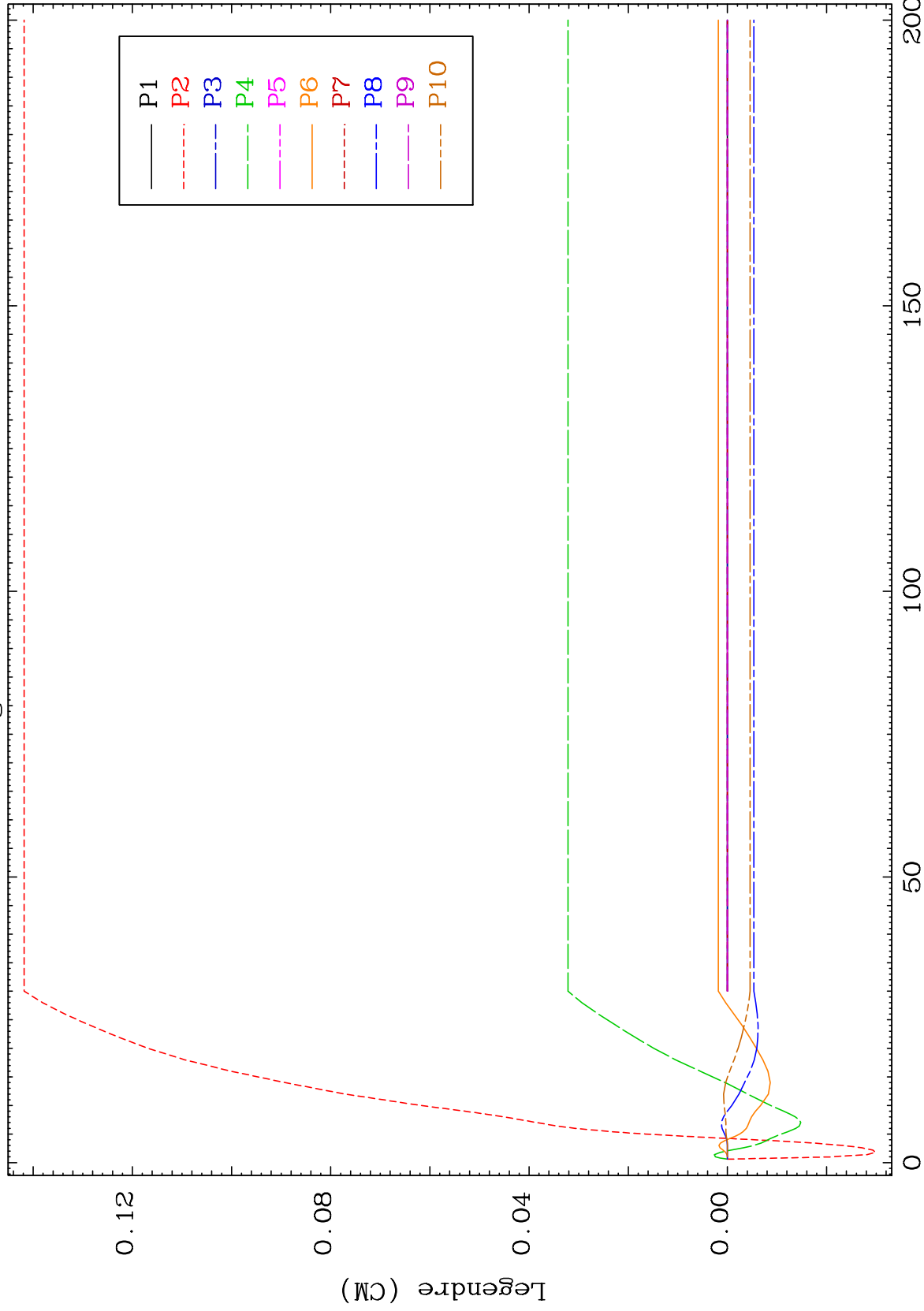
79-Au-186



MAT 7892

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

79-Au-186



81

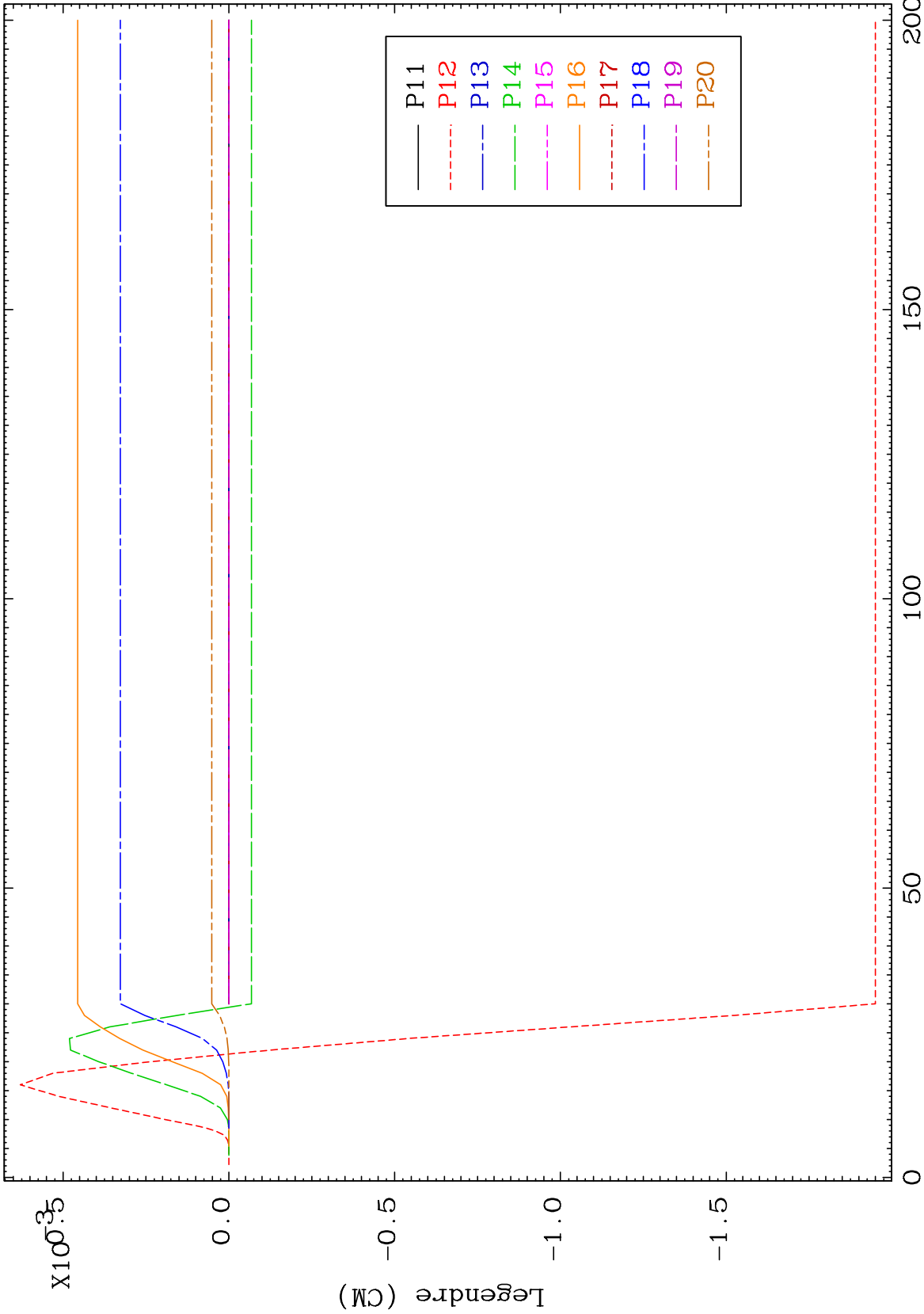
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



82

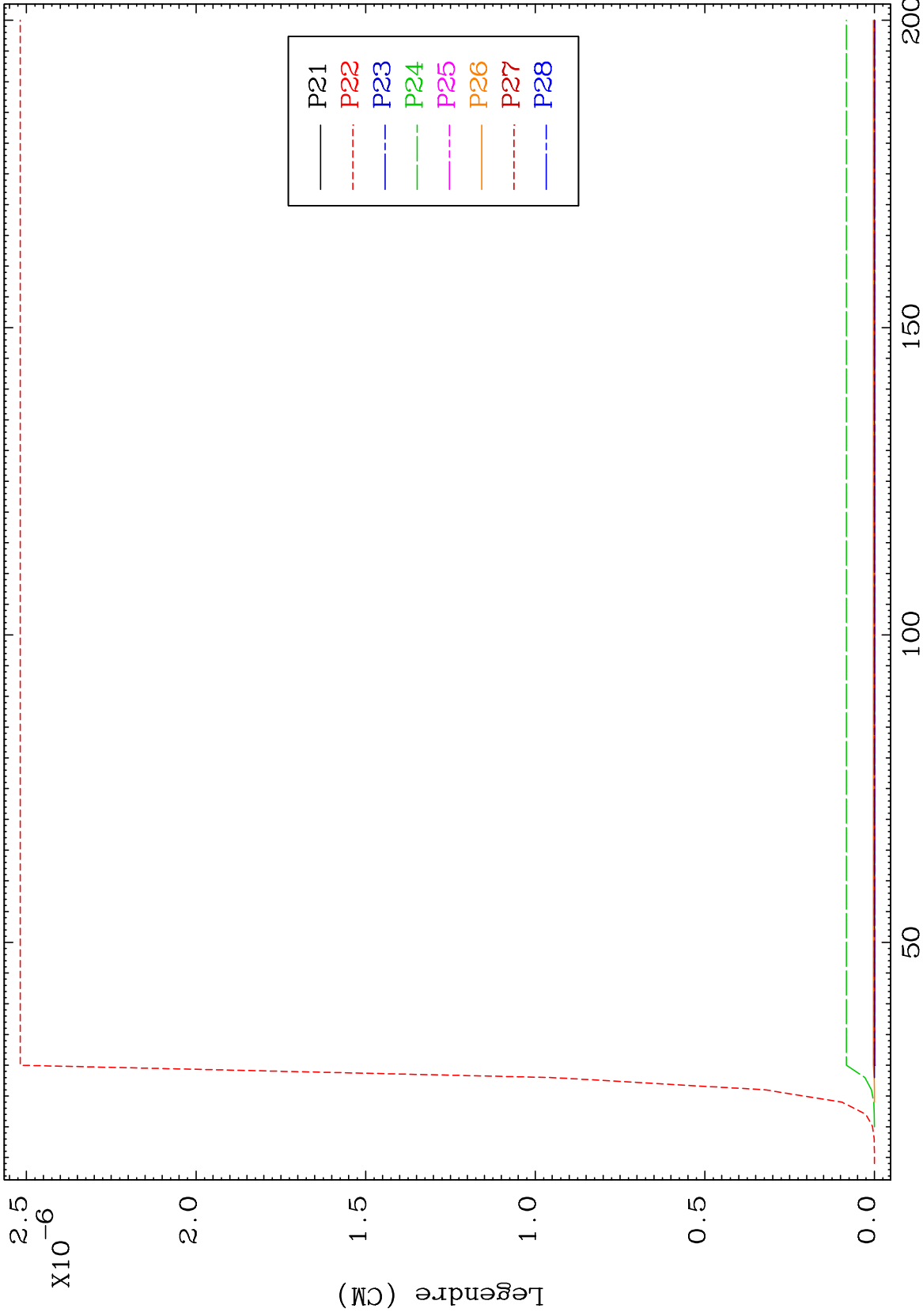
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



83

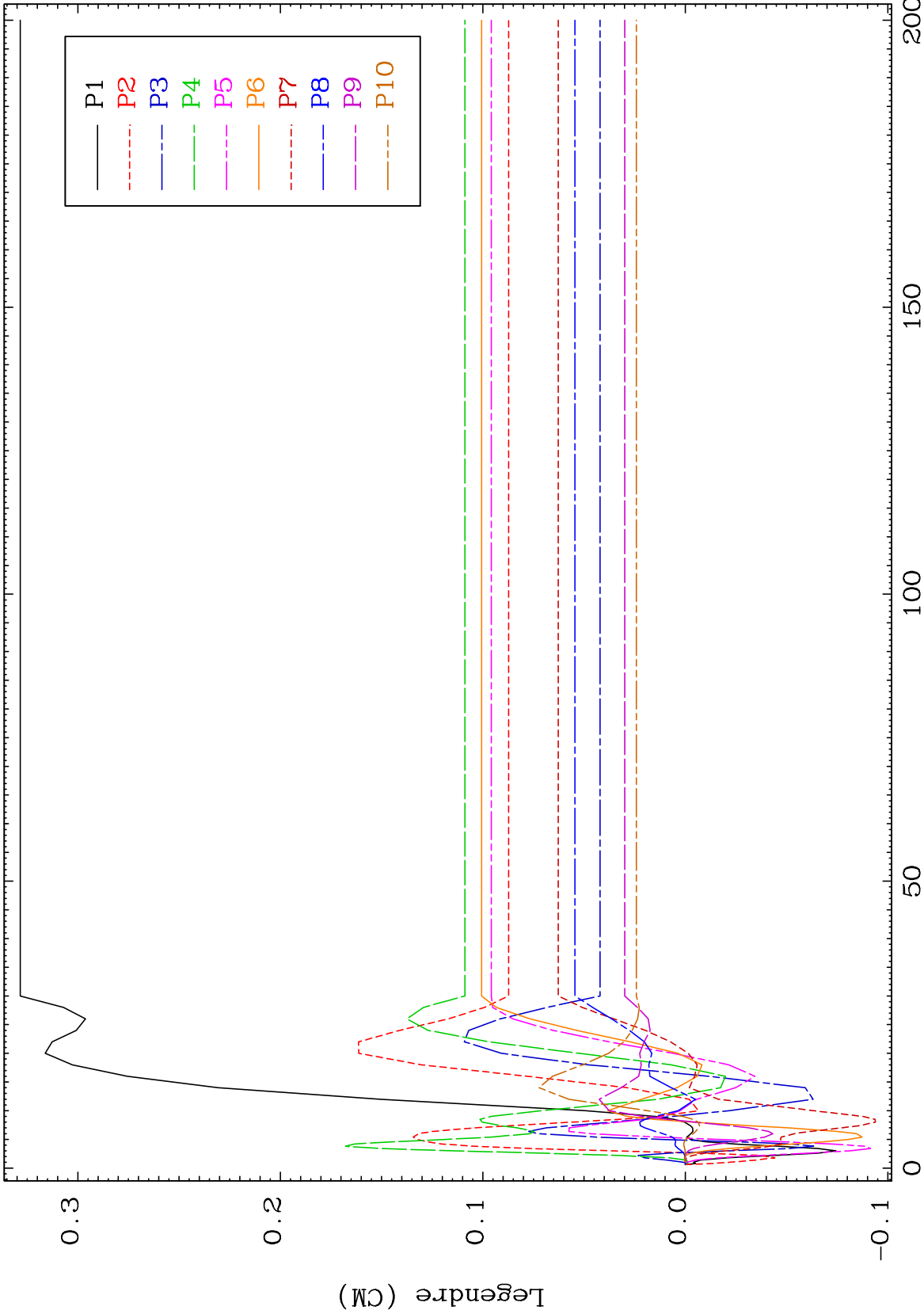
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



84

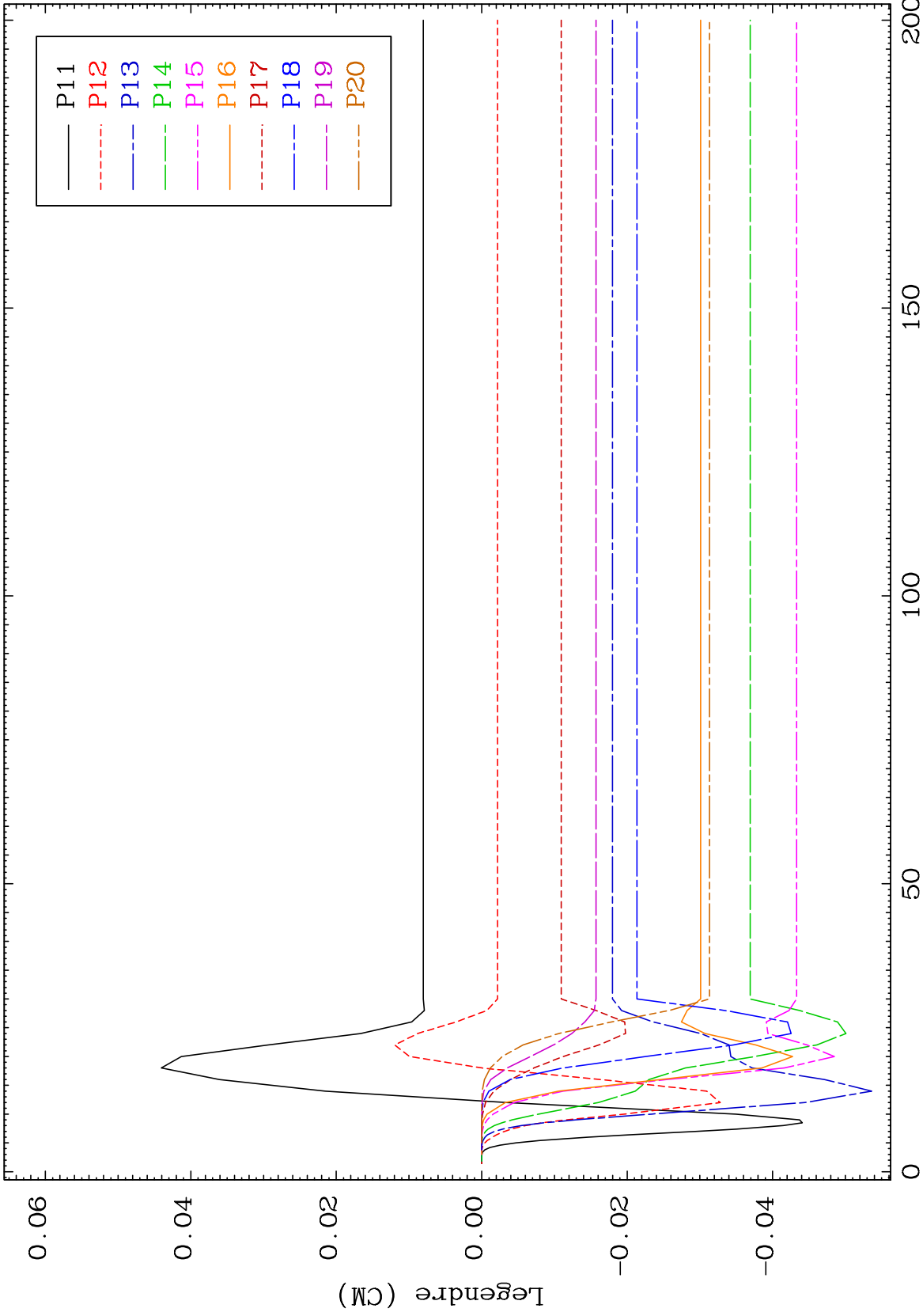
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



85

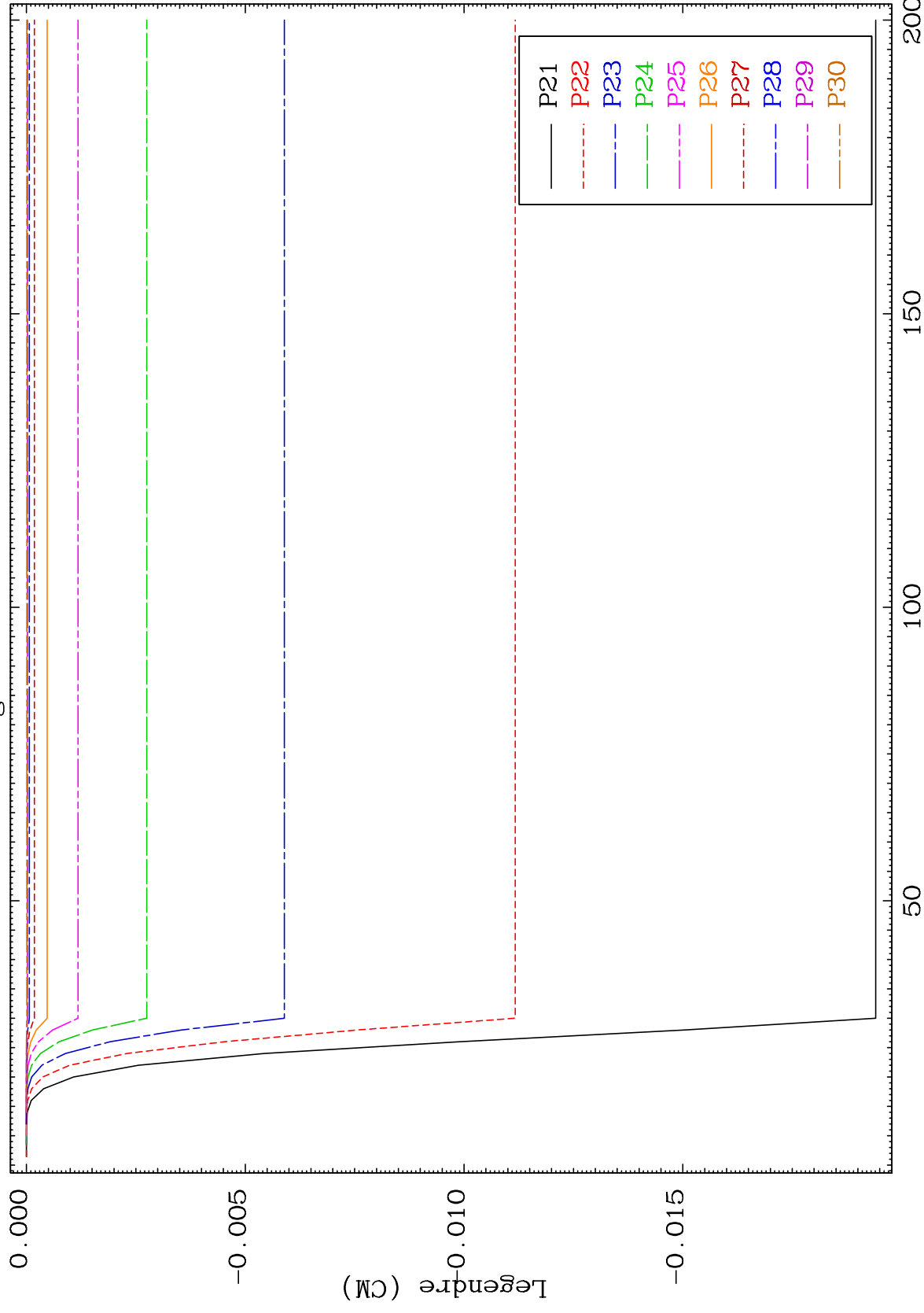
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



86

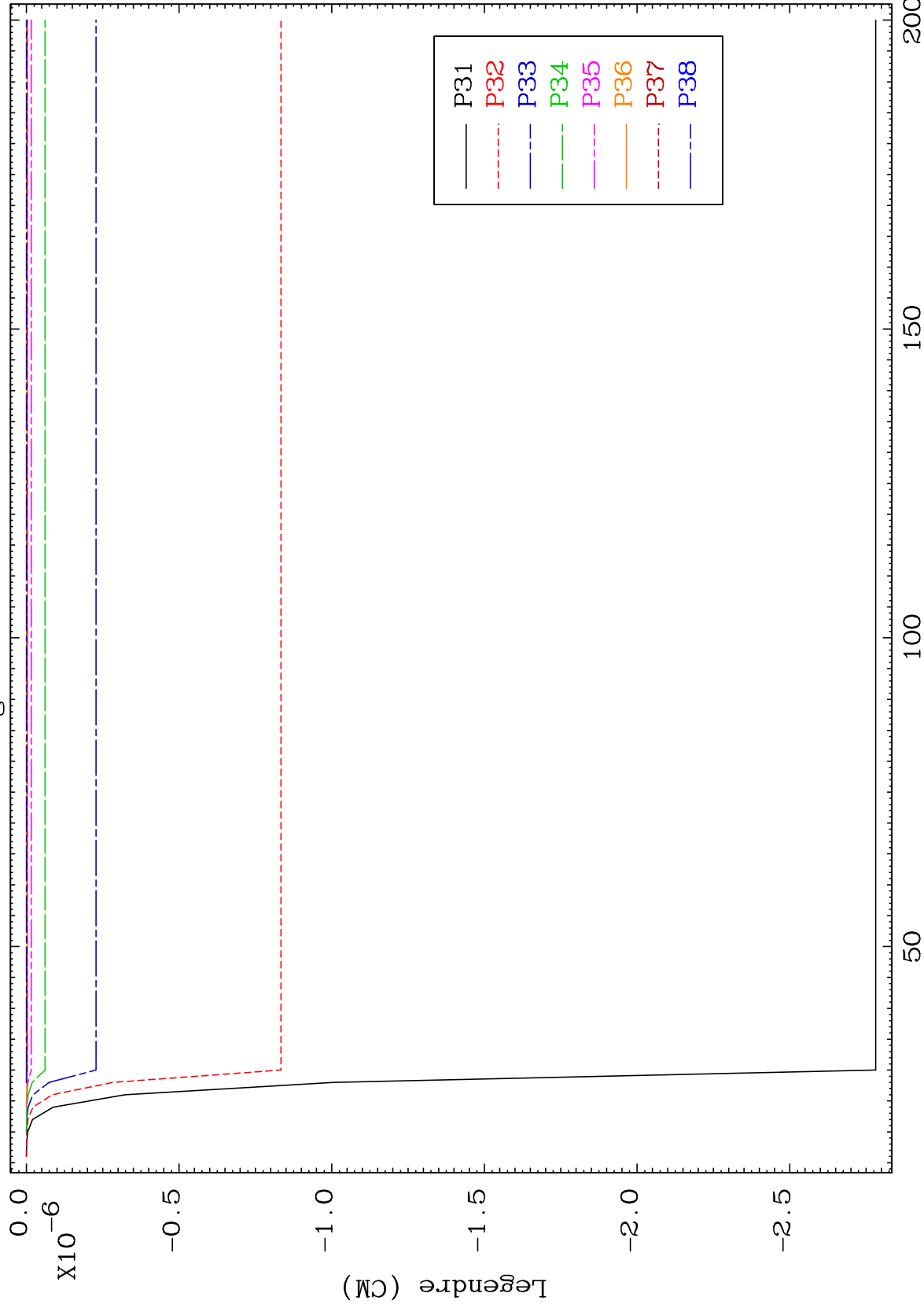
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



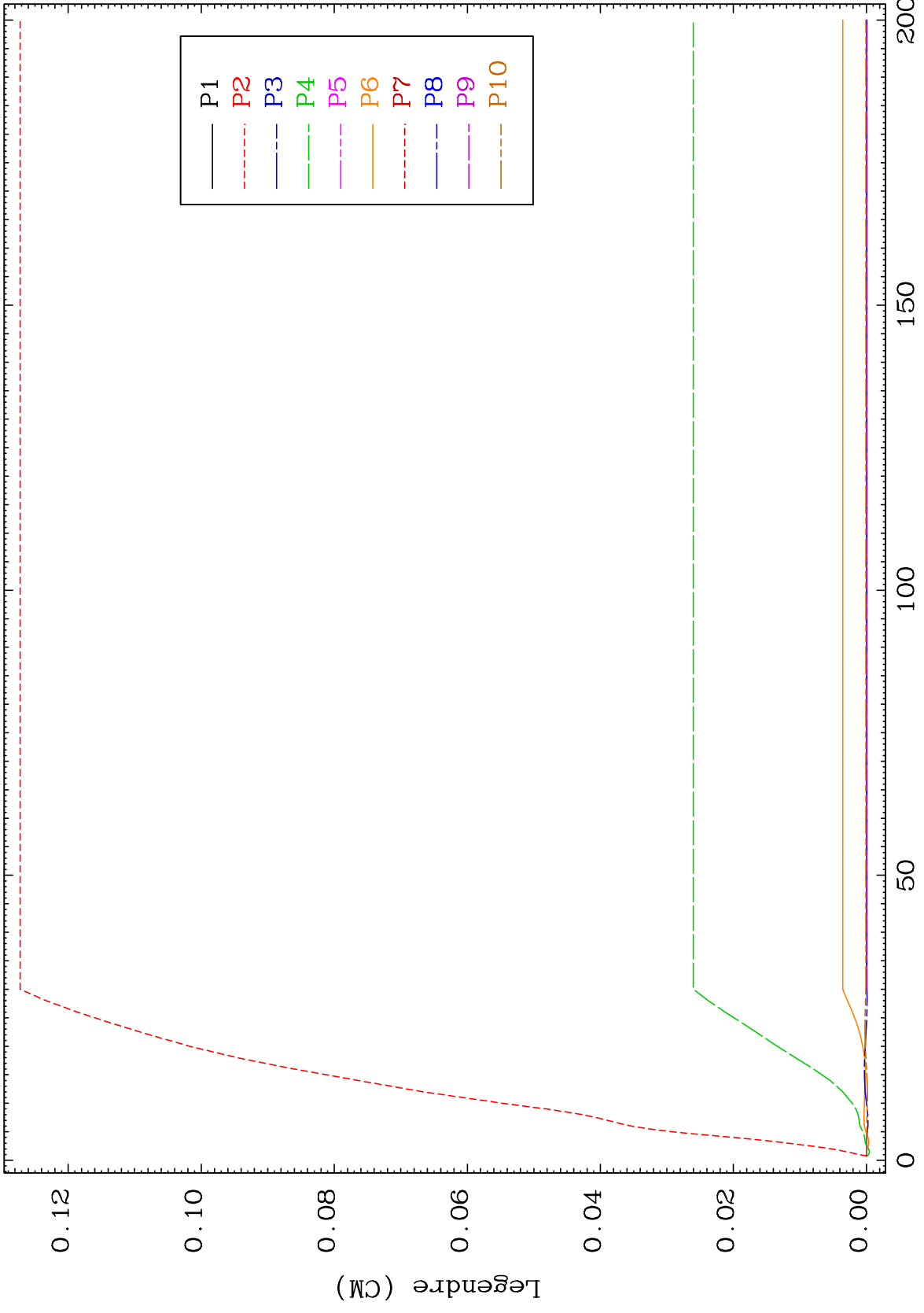
87

79-Au-186

MAT 7892

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

79-Au-186



88

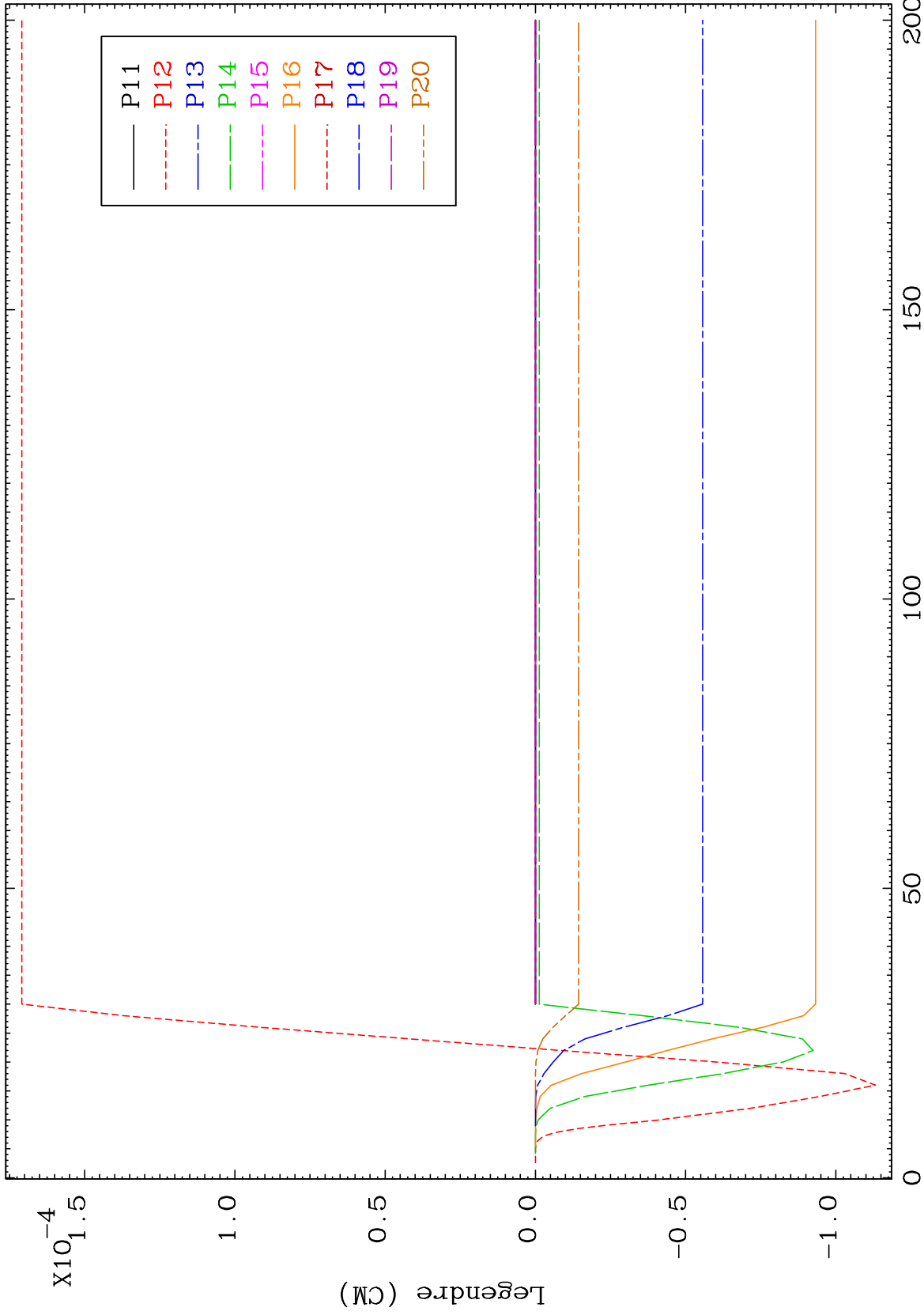
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



89

79-Au-186

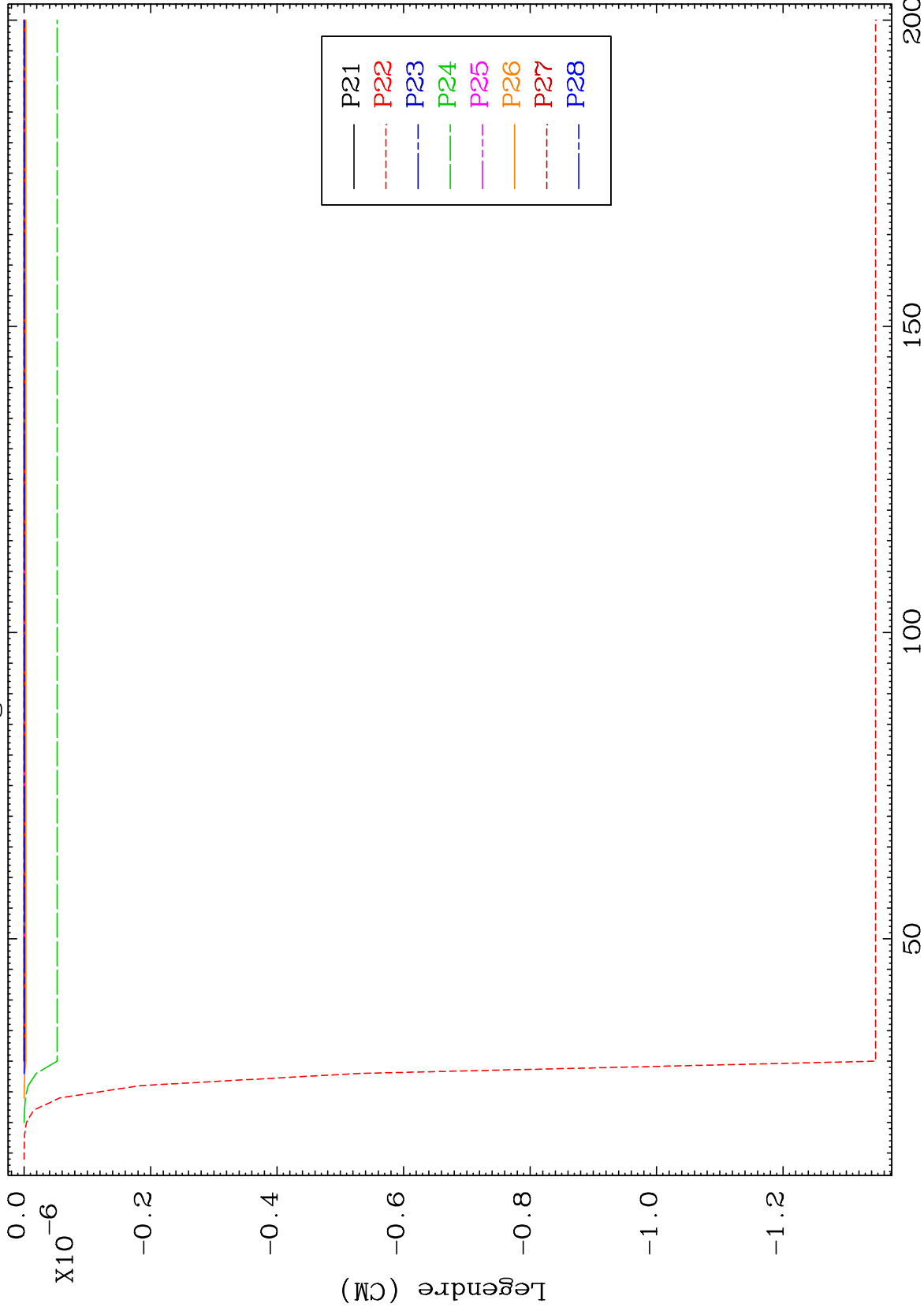
MAT 7892

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

79-Au-186

Incident Energy (MeV)

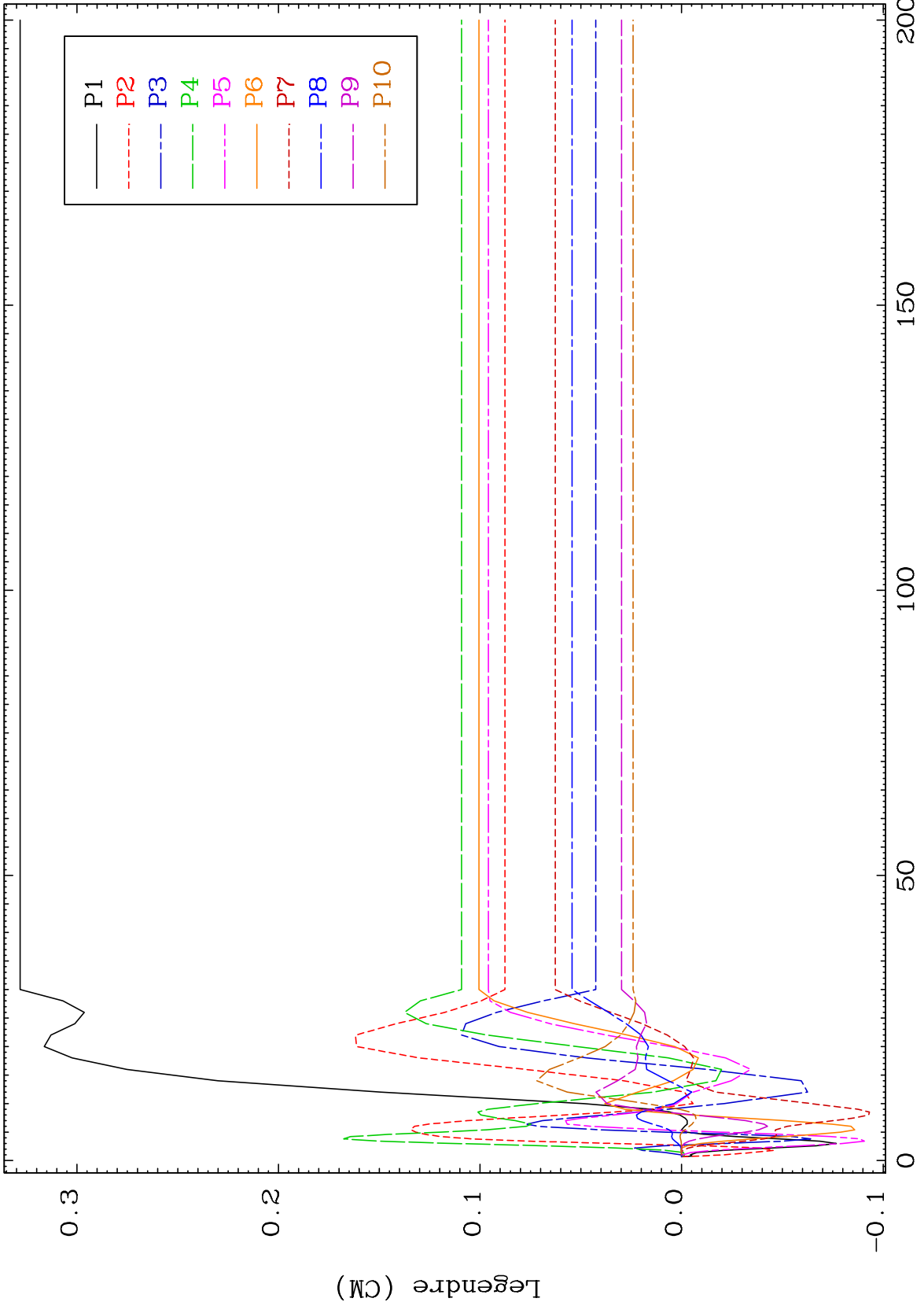
90



MAT 7892

MT= 72 (n,n') Level
Legendre Coefficients

79-Au-186



91

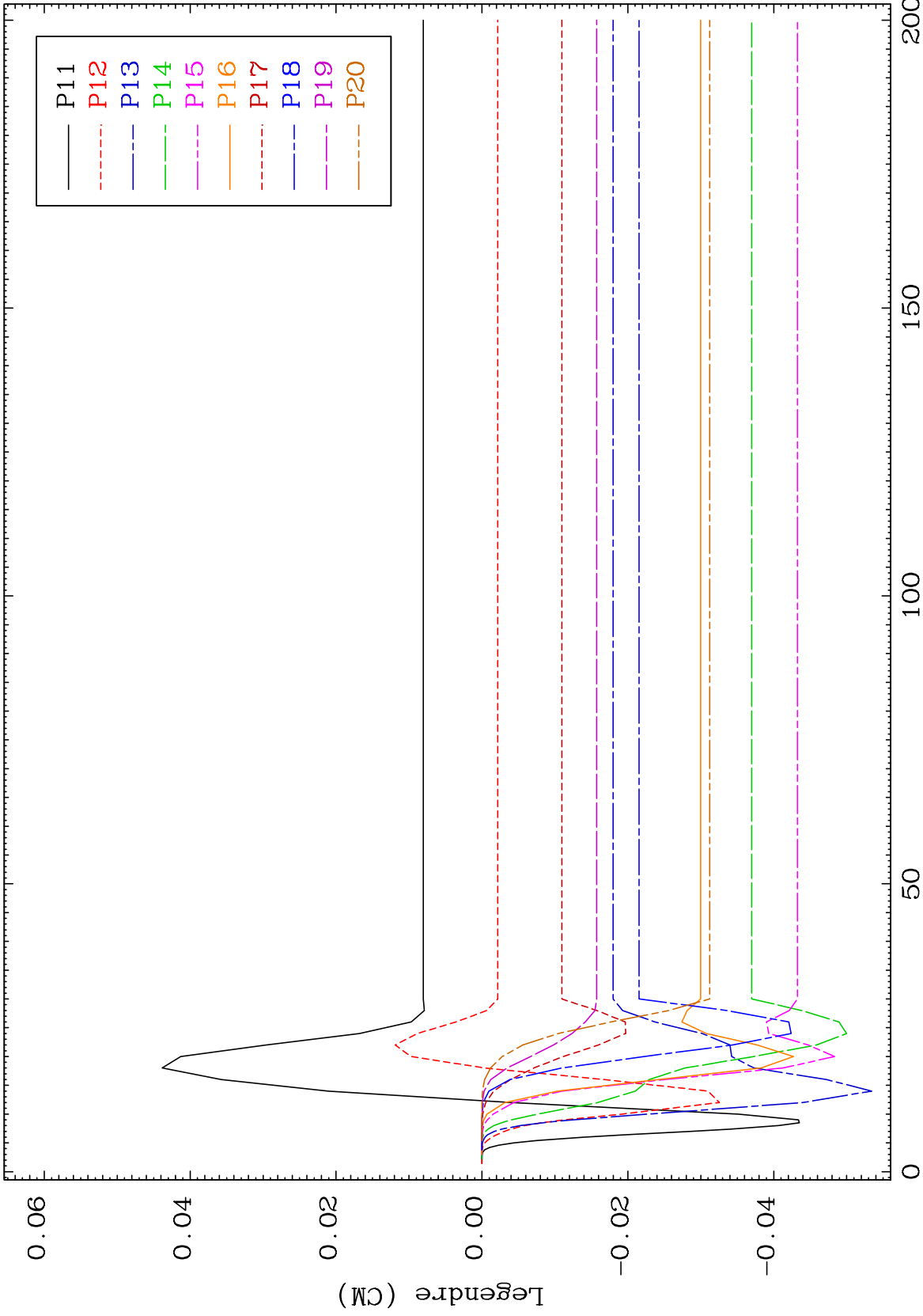
Incident Energy (MeV)

79-Au-186

MAT 7892

MT= 72 (n,n') Level
Legendre Coefficients

79-Au-186



92

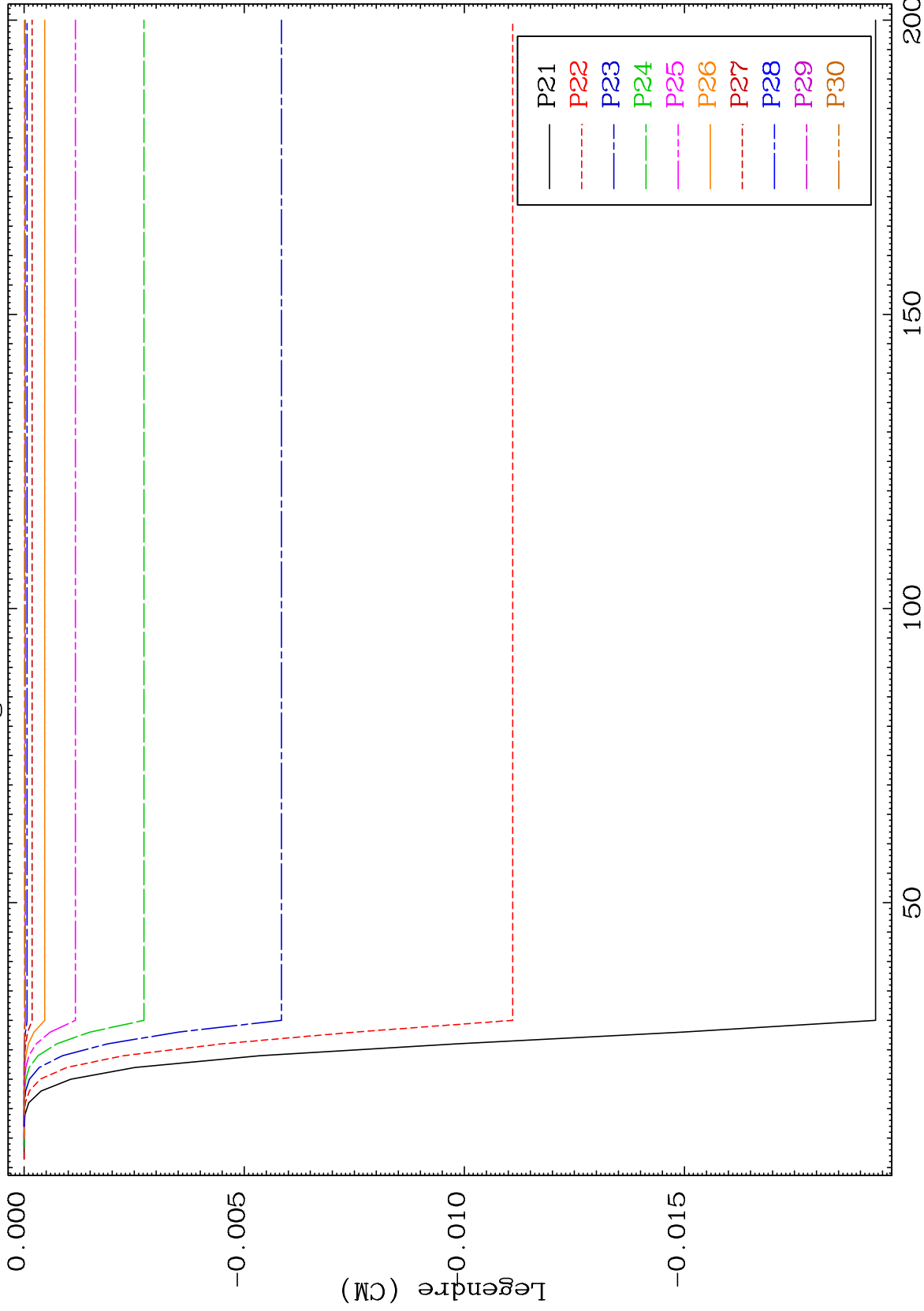
Incident Energy (MeV)

79-Au-186

MAT 7892

MT= 72 (n,n') Level
Legendre Coefficients

79-Au-186



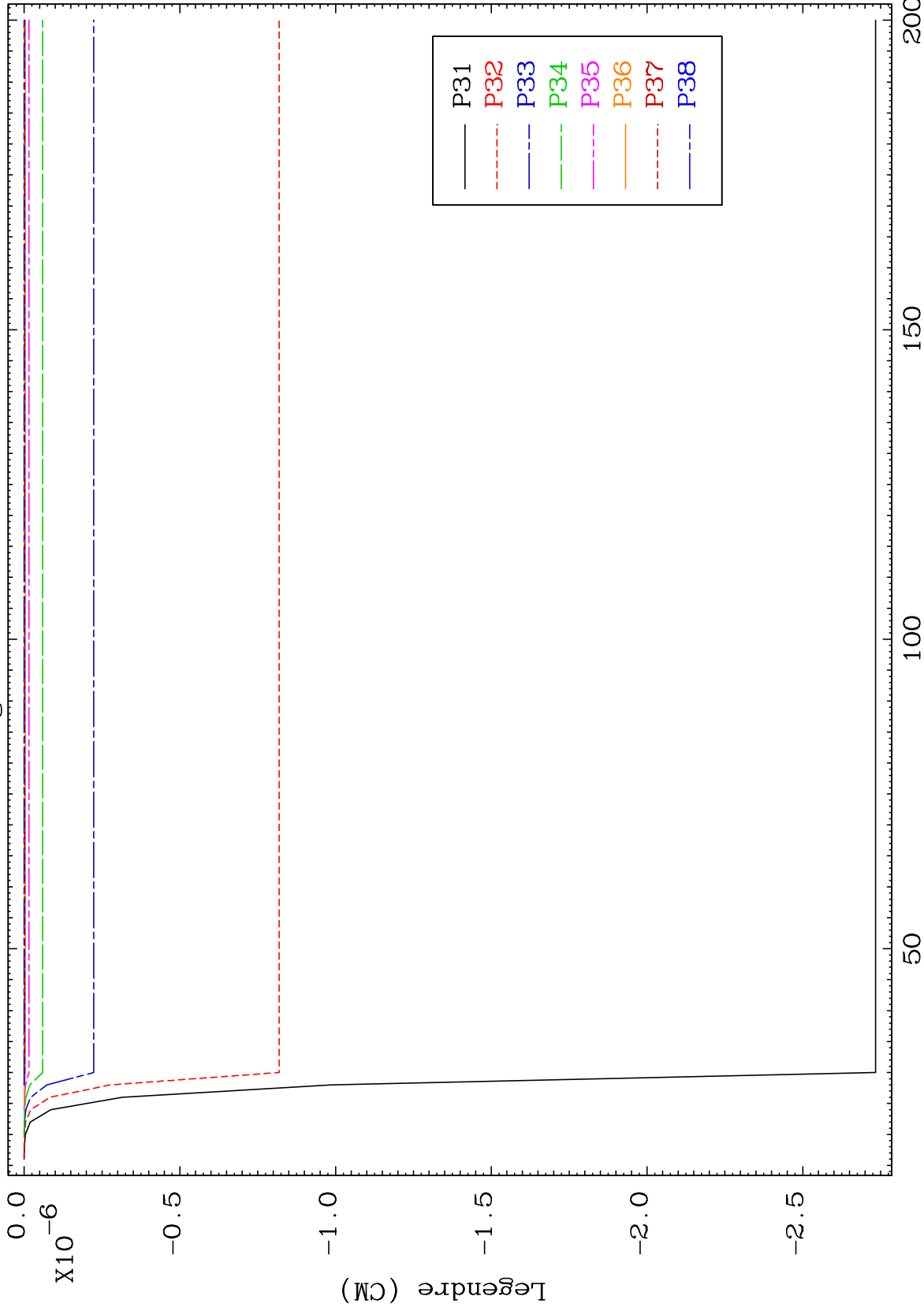
93

79-Au-186

MAT 7892

MT= 72 (n,n') Level
Legendre Coefficients

79-Au-186



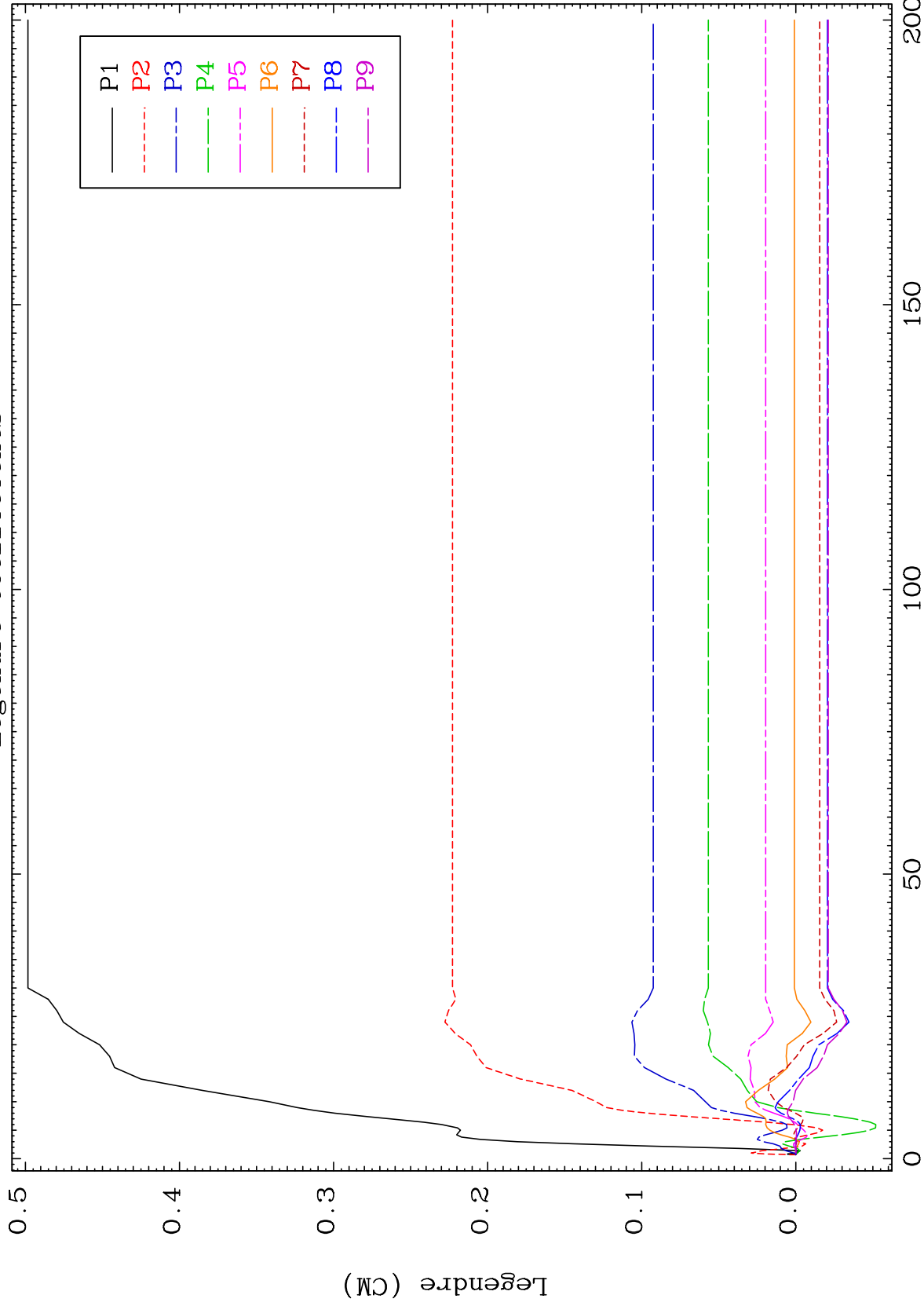
94

79-Au-186

MAT 7892

MT= 73 (n,n') Level
Legendre Coefficients

79-Au-186



95

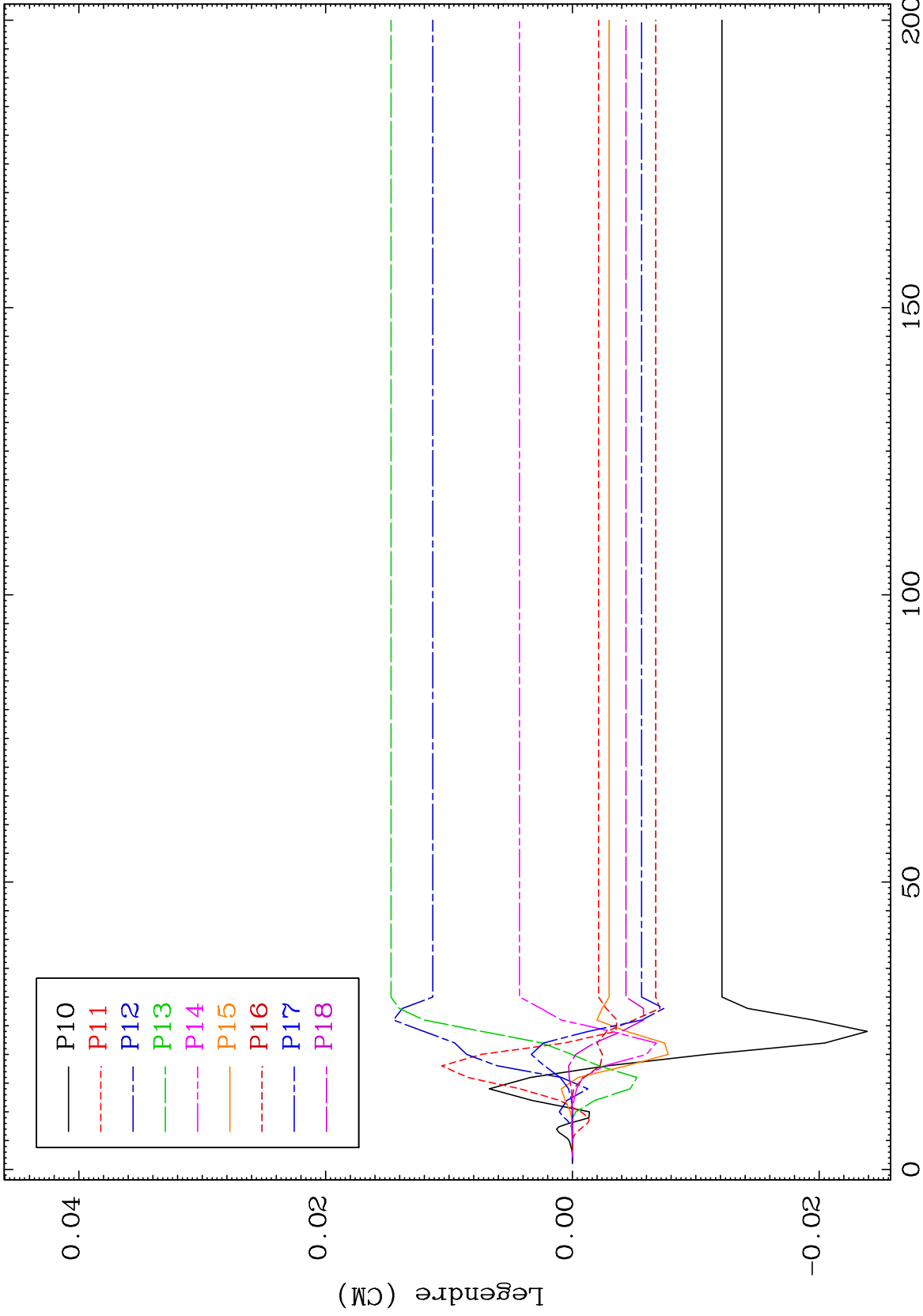
Incident Energy (MeV)

79-Au-186

MAT 7892

MT= 73 (n,n') Level
Legendre Coefficients

79-Au-186



96

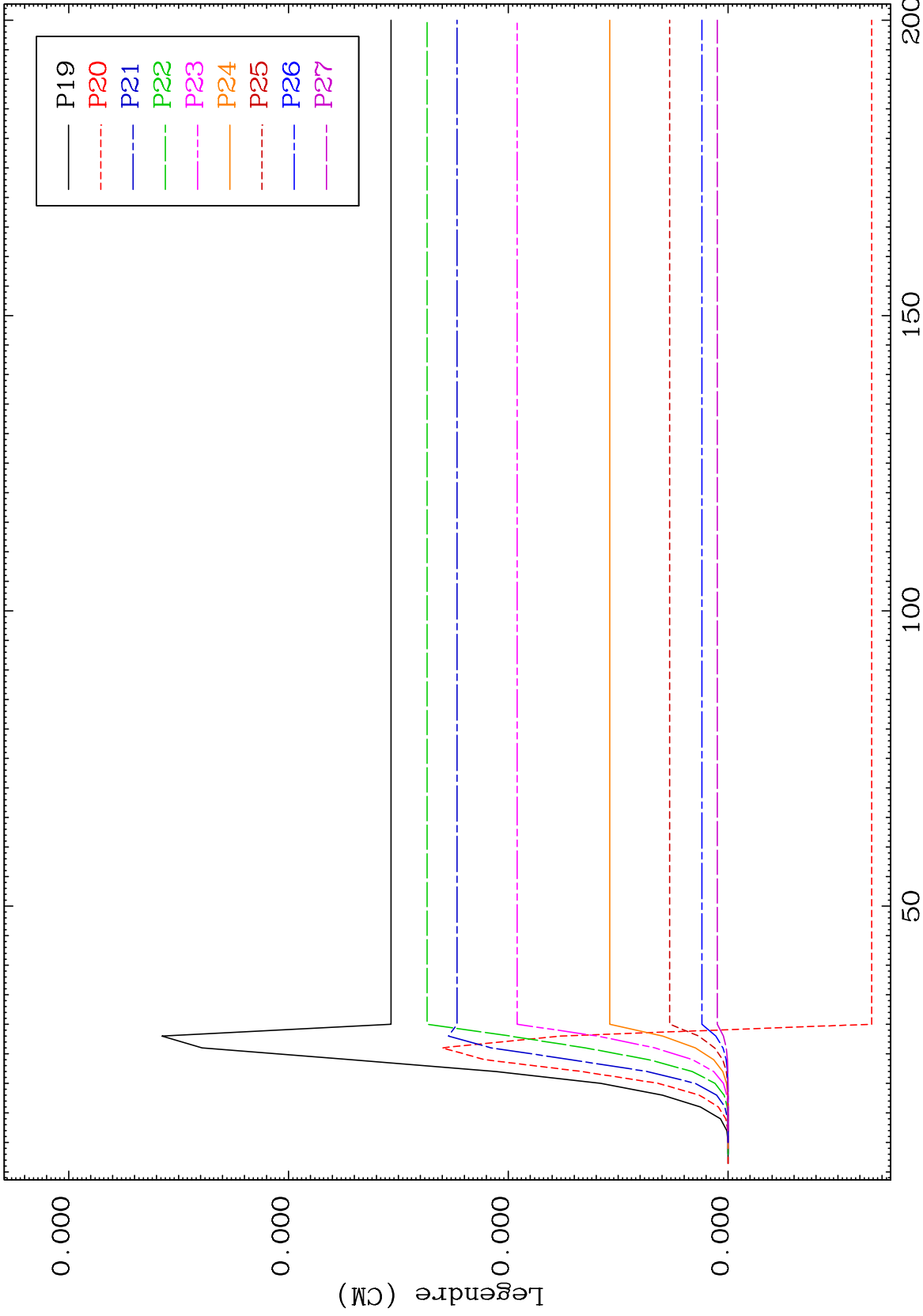
Incident Energy (MeV)

79-Au-186

MAT 7892

MT= 73 (n,n') Level
Legendre Coefficients

79-Au-186



97

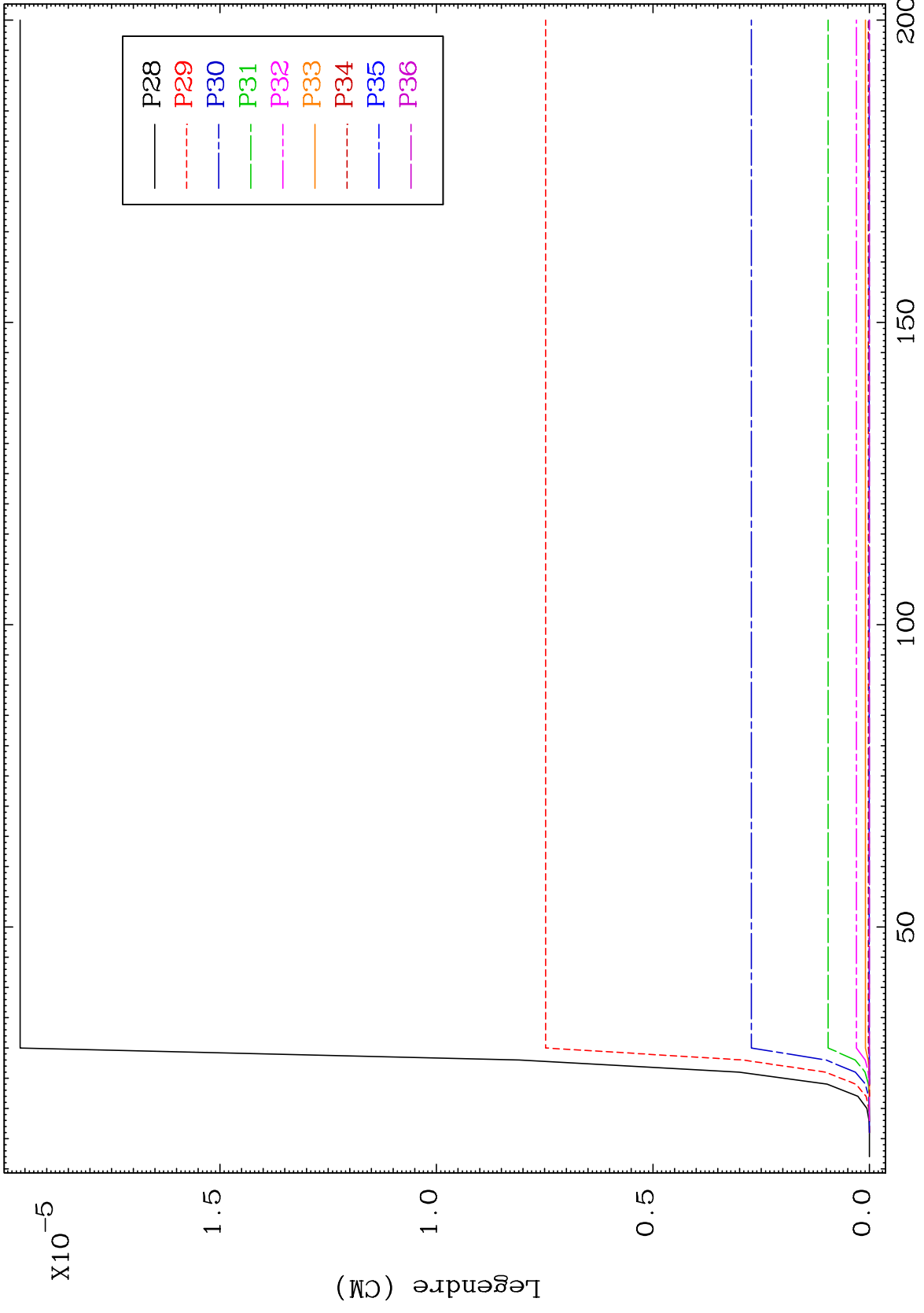
Incident Energy (MeV)

79-Au-186

MAT 7892

MT= 73 (n,n') Level
Legendre Coefficients

79-Au-186



98

Incident Energy (MeV)

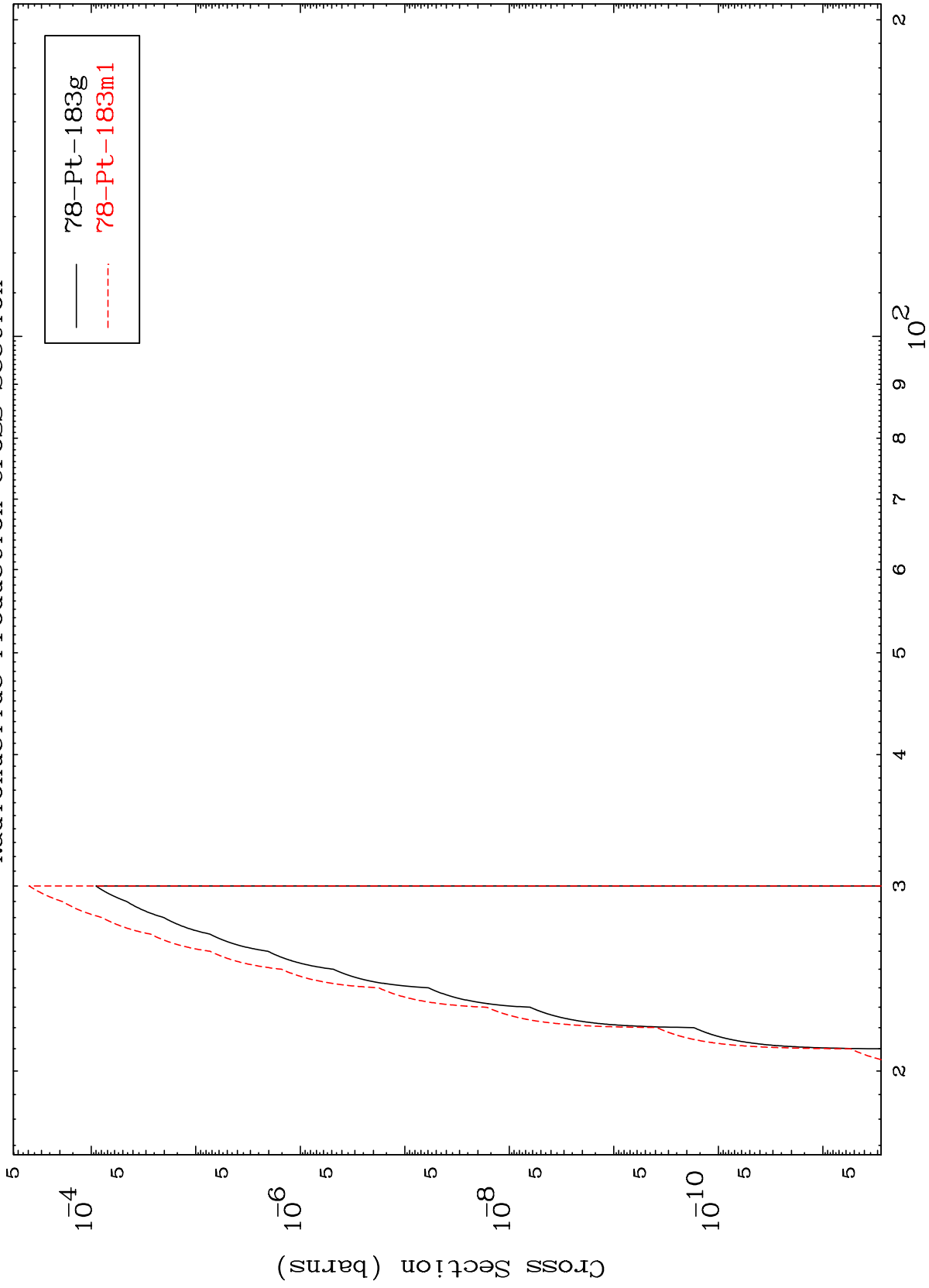
79-Au-186

MAT 7892

(n,2n) d

⁷⁹Au-186

Radionuclide Production Cross Section



99

Incident Energy (MeV)

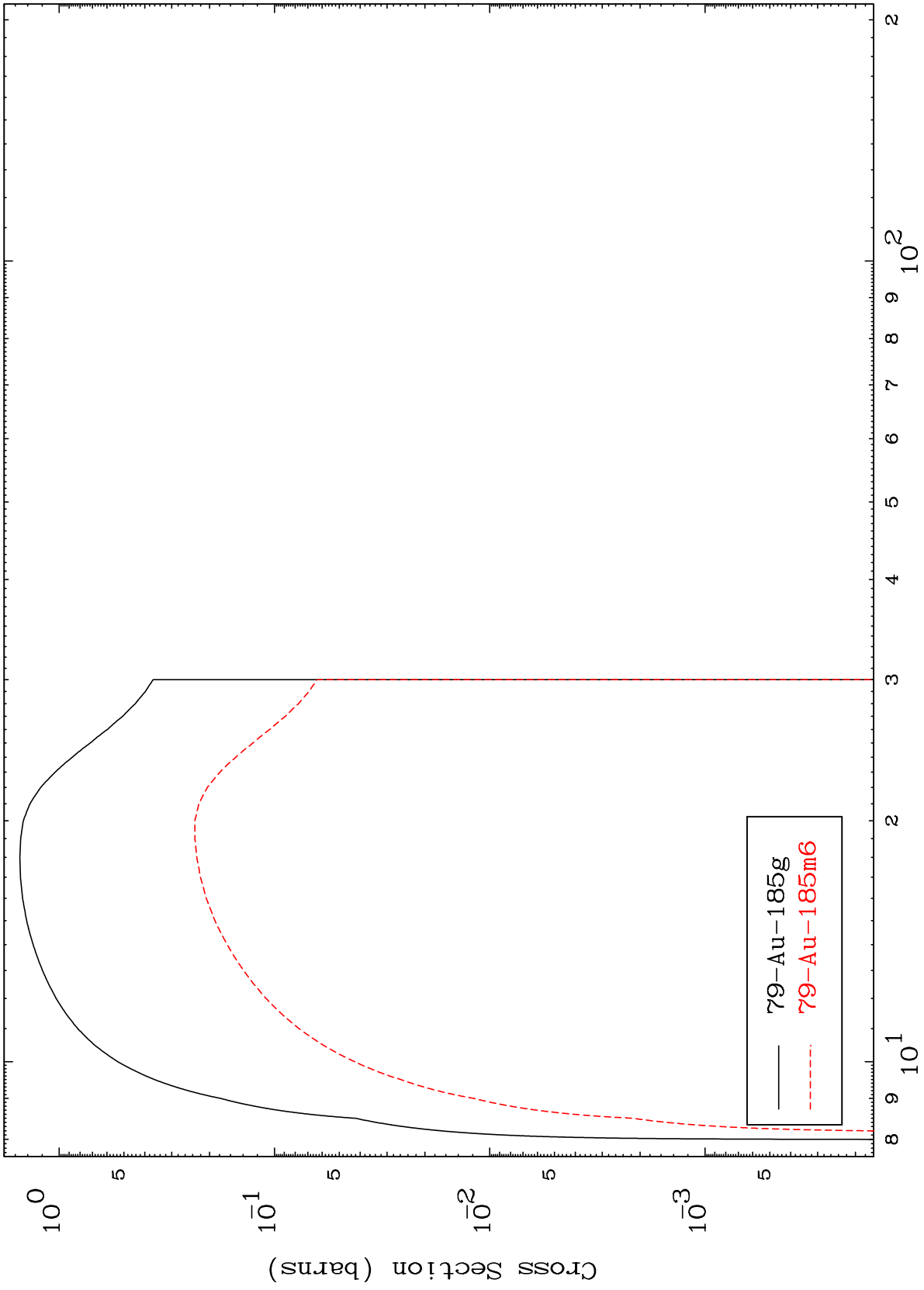
⁷⁹Au-186

MAT 7892

⁷⁹Au-186

Radionuclide Production Cross Section

(n,2n)



⁷⁹Au-186

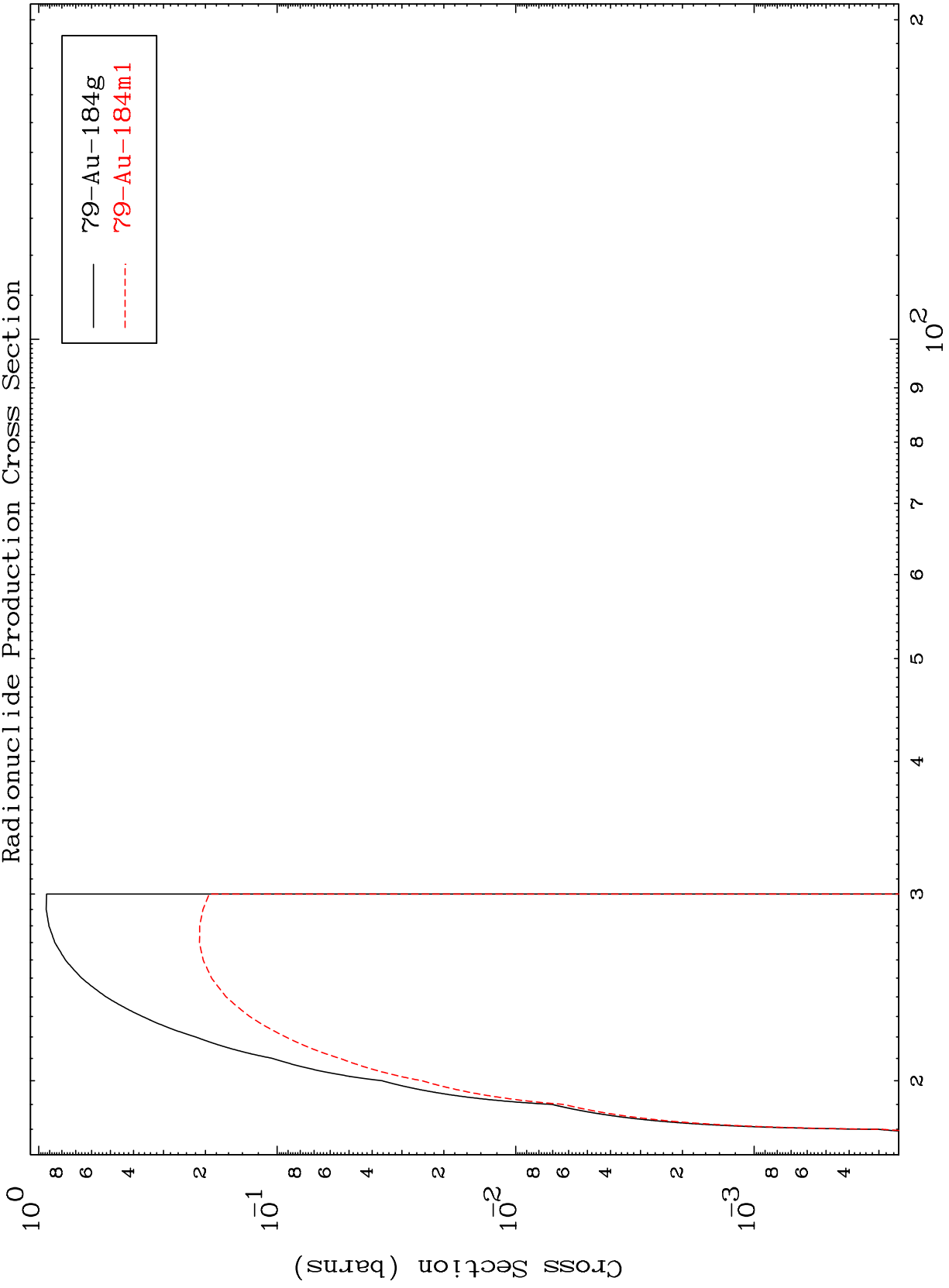
Incident Energy (MeV)

100

MAT 7892

⁷⁹Au-186

(n,3n)
Radionuclide Production Cross Section



101

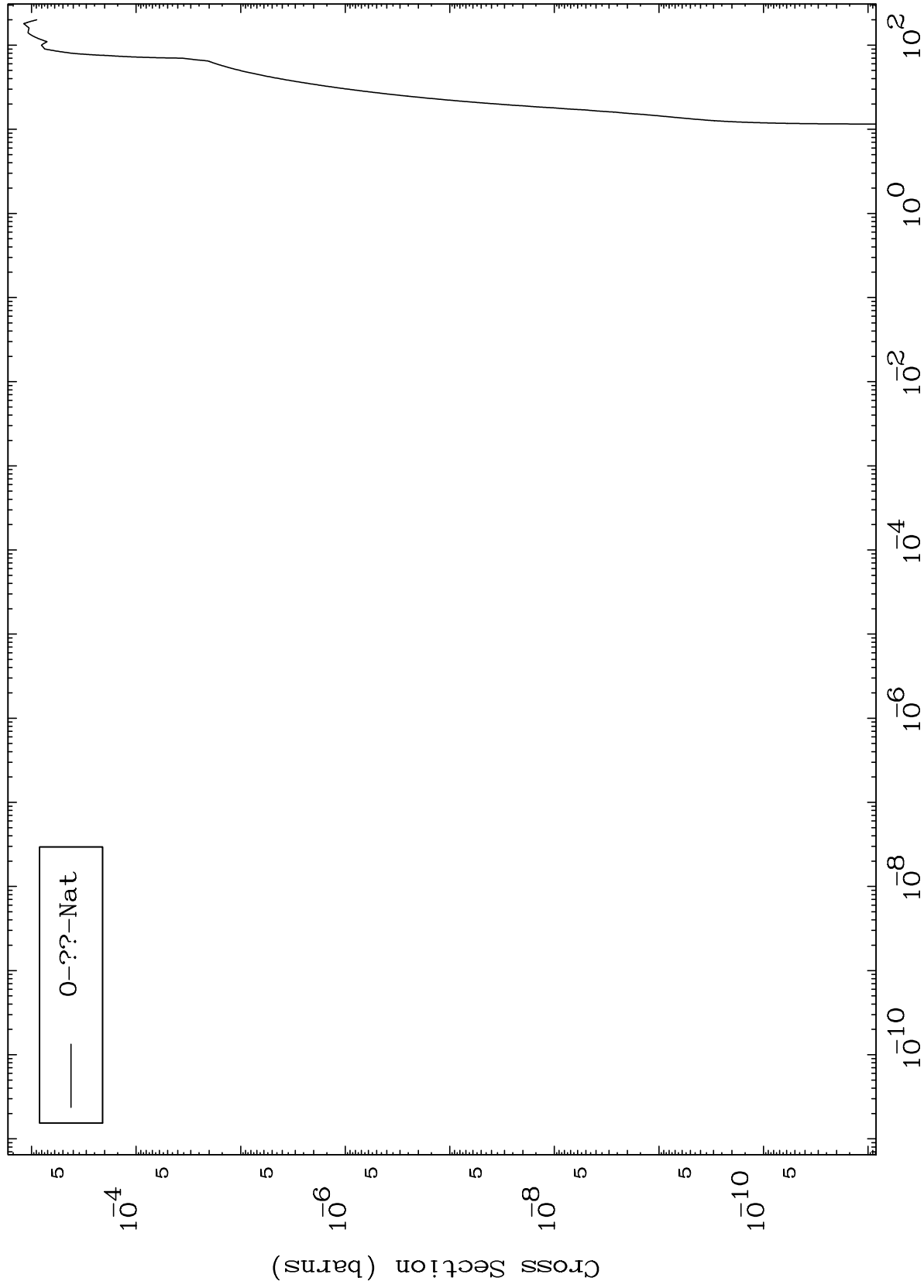
Incident Energy (MeV)

⁷⁹Au-186

MAT 7892

Fission
Radionuclide Production Cross Section

⁷⁹Au-186



102

Incident Energy (MeV)

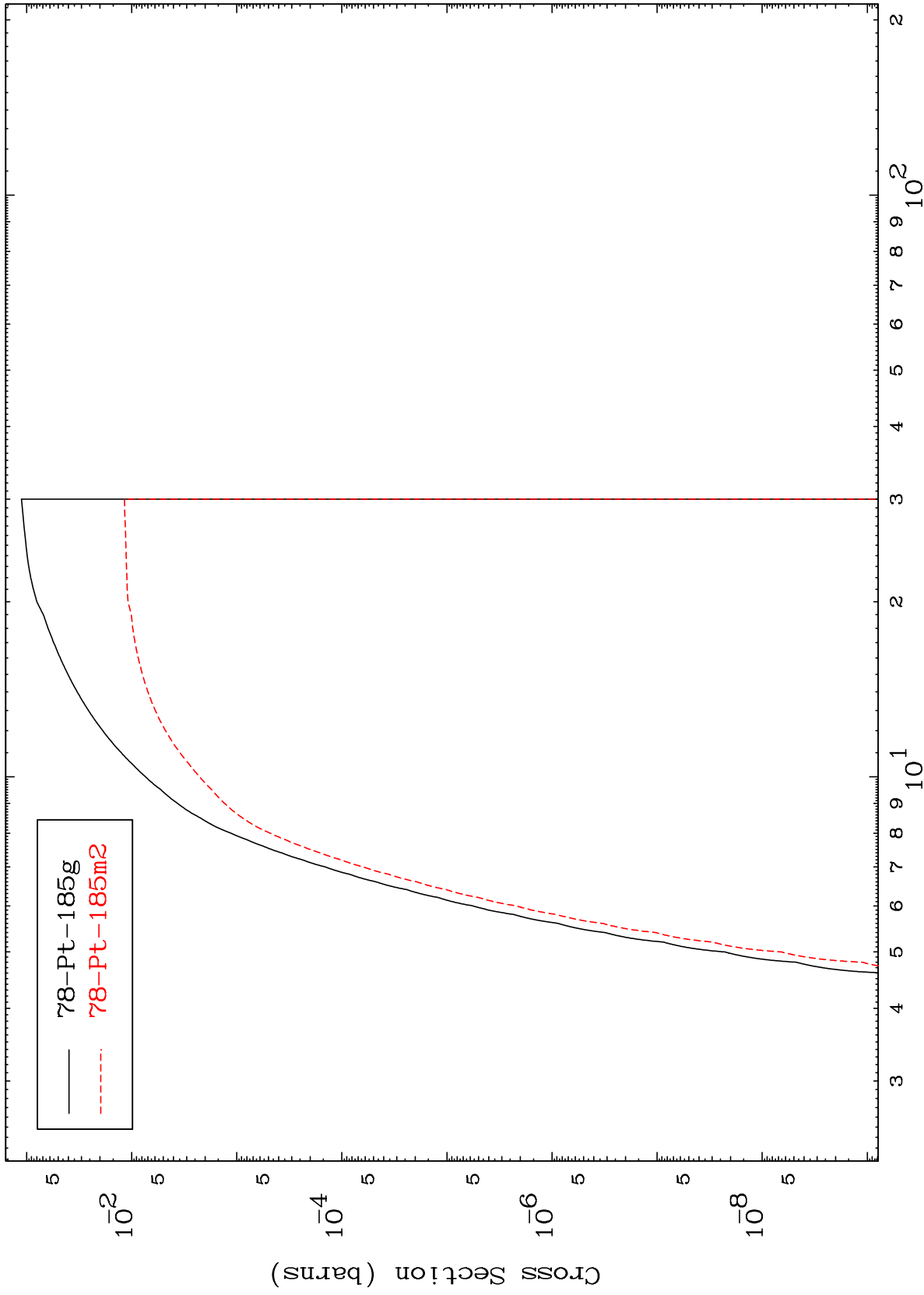
⁷⁹Au-186

MAT 7892

(n,n') p

⁷⁹Au-186

Radionuclide Production Cross Section



103

Incident Energy (MeV)

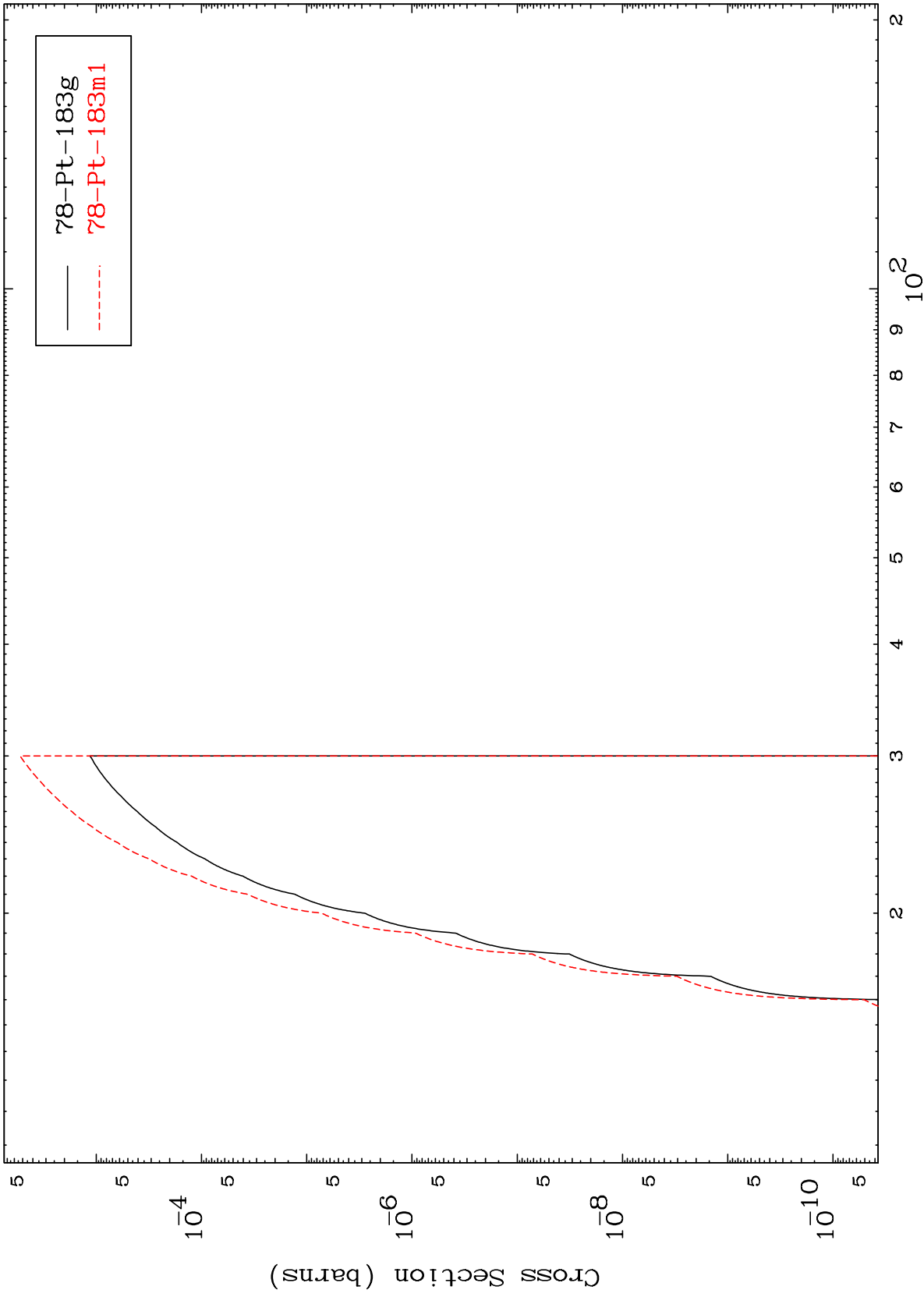
⁷⁹Au-186

MAT 7892

(n,n') t

⁷⁹Au-186

Radionuclide Production Cross Section



104

Incident Energy (MeV)

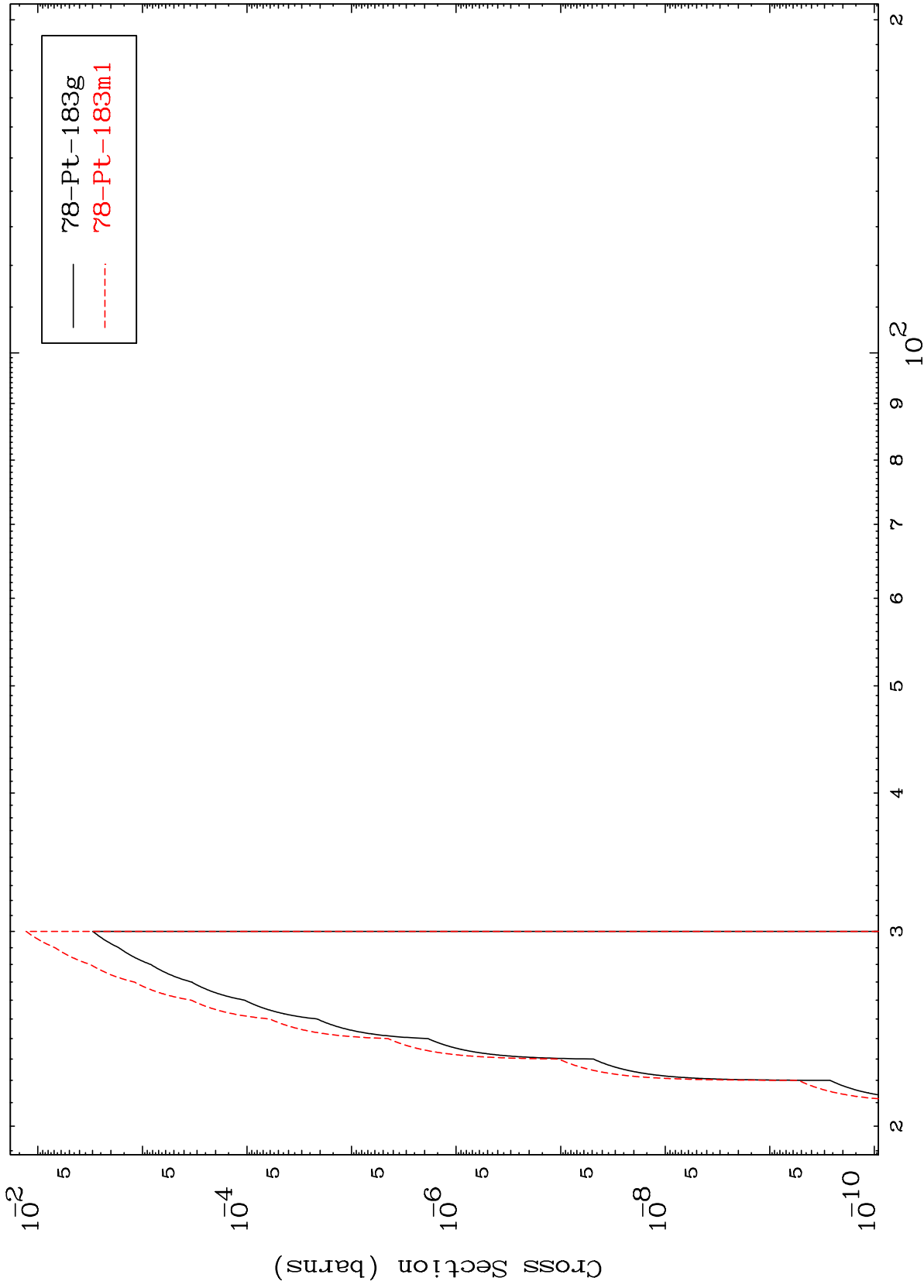
⁷⁹Au-186

MAT 7892

(n,3n) p

79-Au-186

Radionuclide Production Cross Section



105

Incident Energy (MeV)

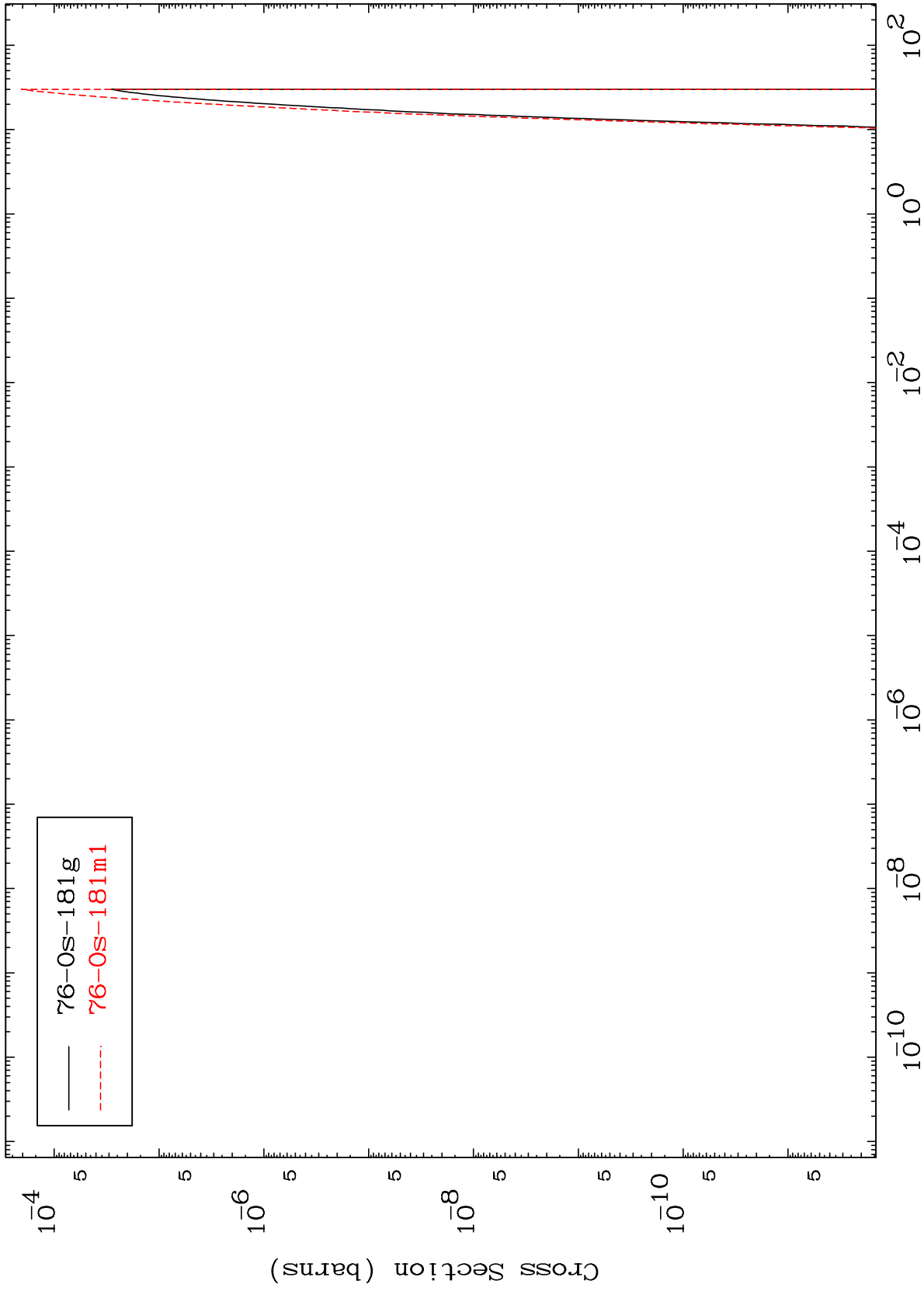
79-Au-186

MAT 7892

(n,n') p α

⁷⁹Au-186

Radionuclide Production Cross Section



106

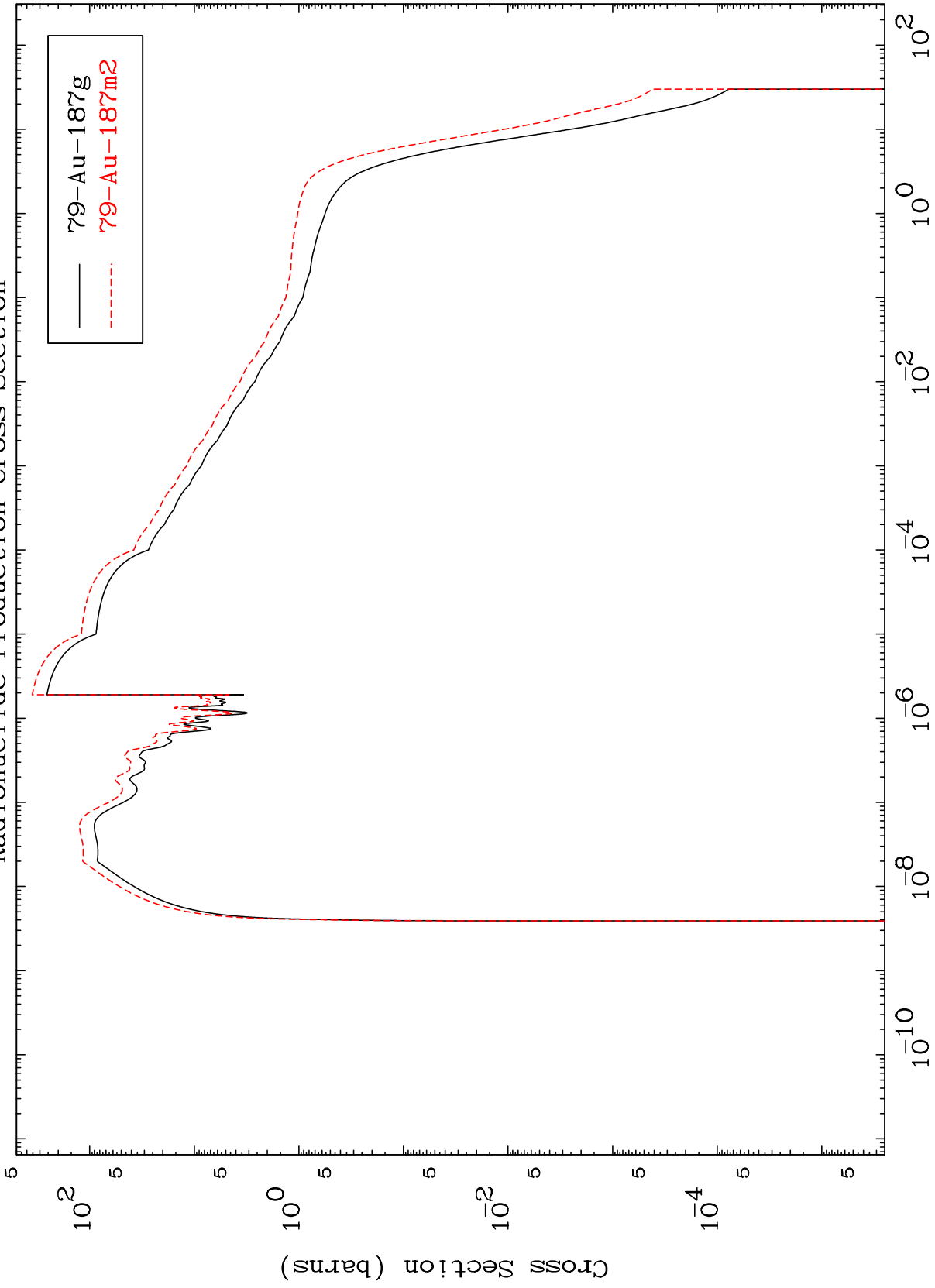
Incident Energy (MeV)

⁷⁹Au-186

MAT 7892

79-Au-186

(n,γ)
Radionuclide Production Cross Section



107

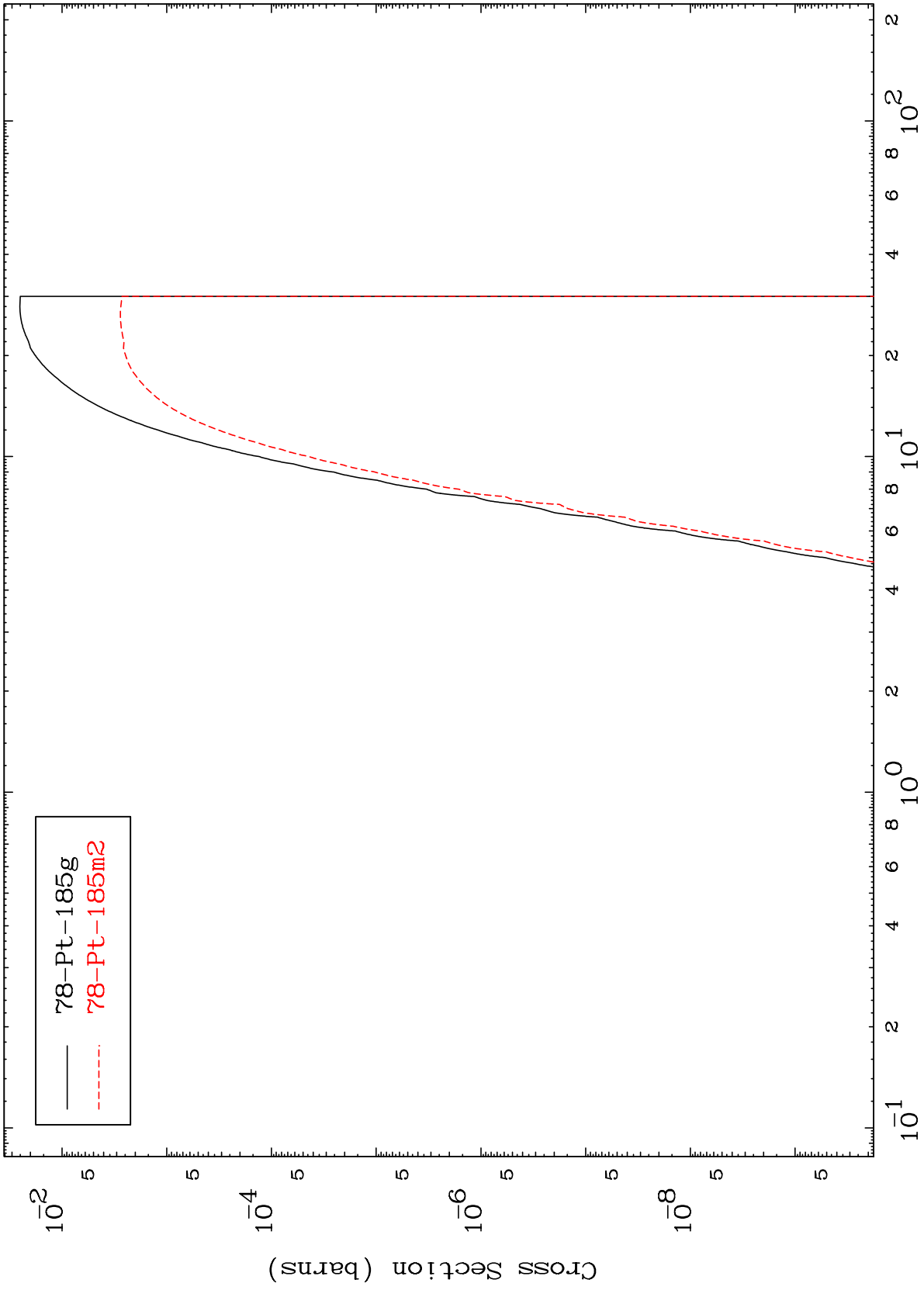
79-Au-186

MAT 7892

(n,d)

⁷⁹Au-186

Radionuclide Production Cross Section



78-Pt-185g
78-Pt-185m2

108

Incident Energy (MeV)

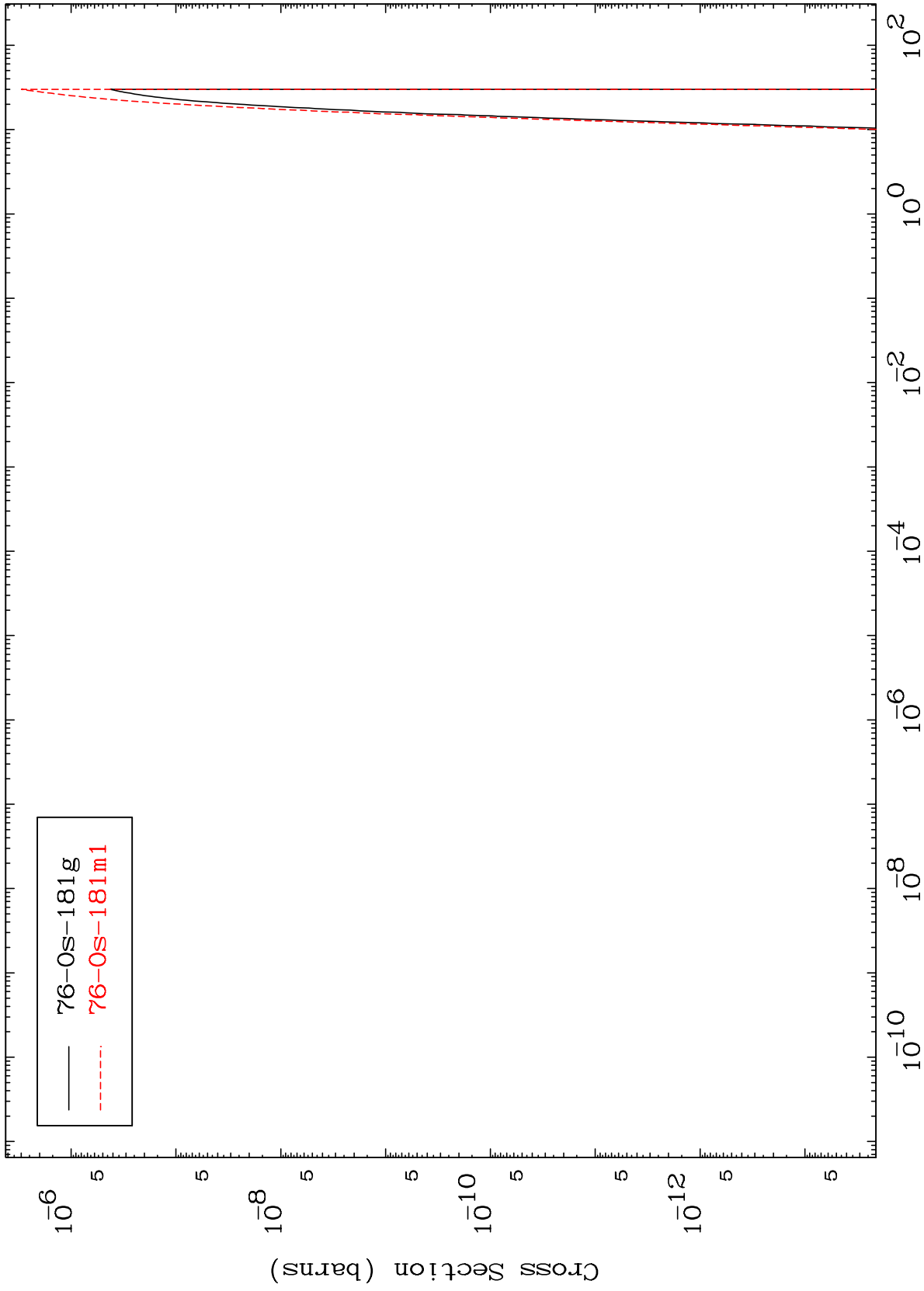
⁷⁹Au-186

MAT 7892

(n,d) α

⁷⁹Au-186

Radionuclide Production Cross Section



109

Incident Energy (MeV)

⁷⁹Au-186