

Program EVALPLOT
(Version 2021-1)

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

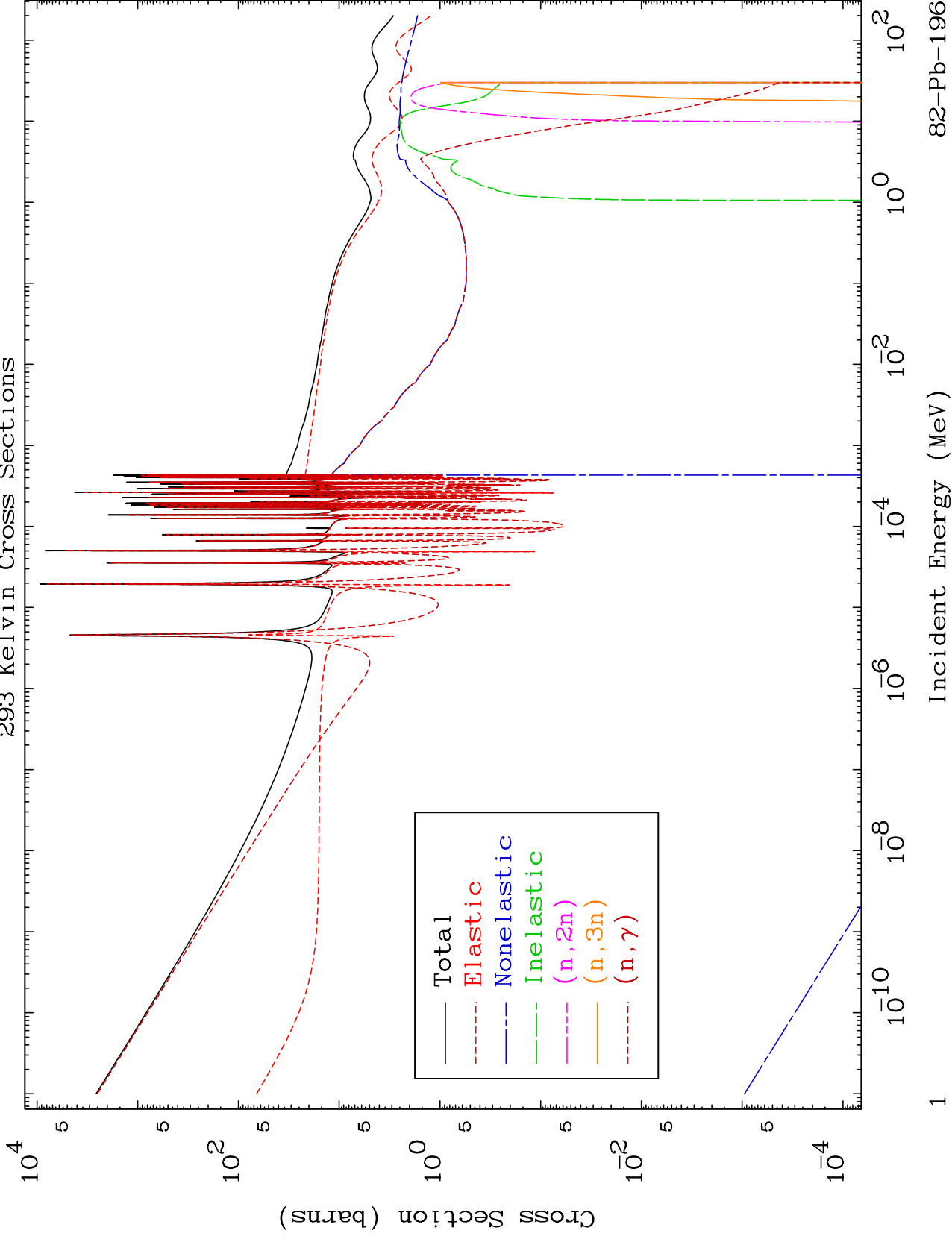
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8201

Neutron Major
293 Kelvin Cross Sections

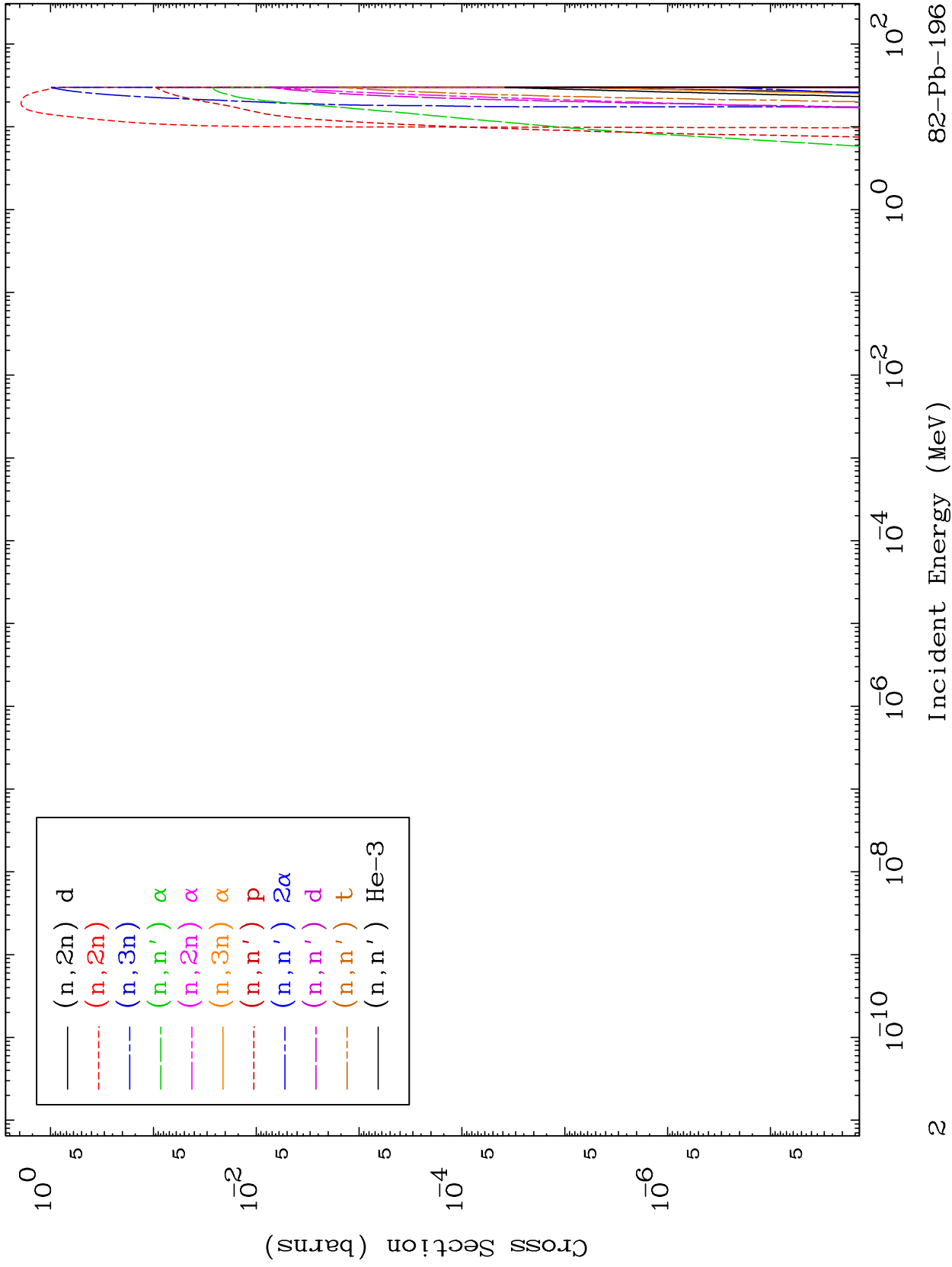
82-Pb-196

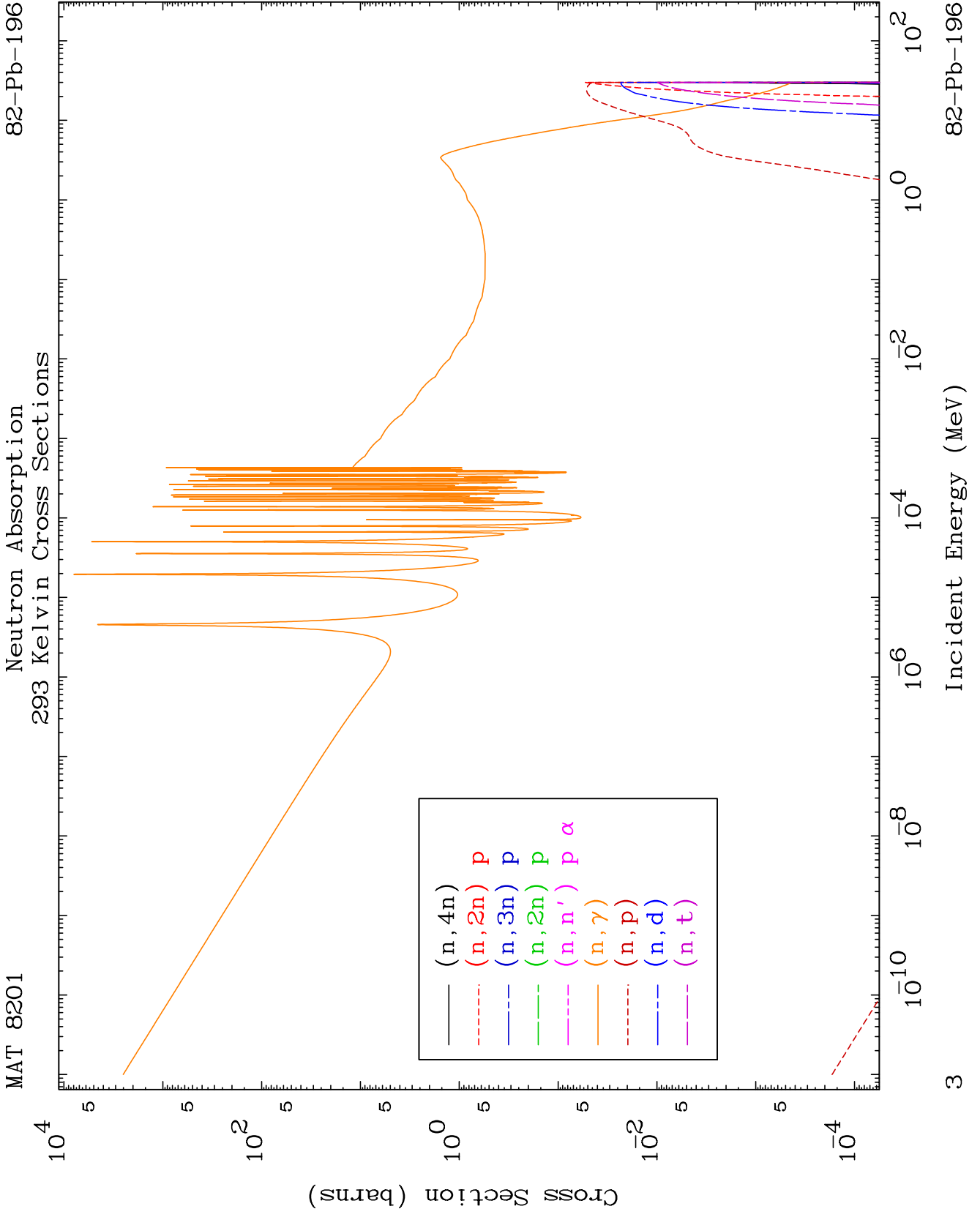


MAT 8201

Neutron Absorption
293 Kelvin Cross Sections

82-Pb-196

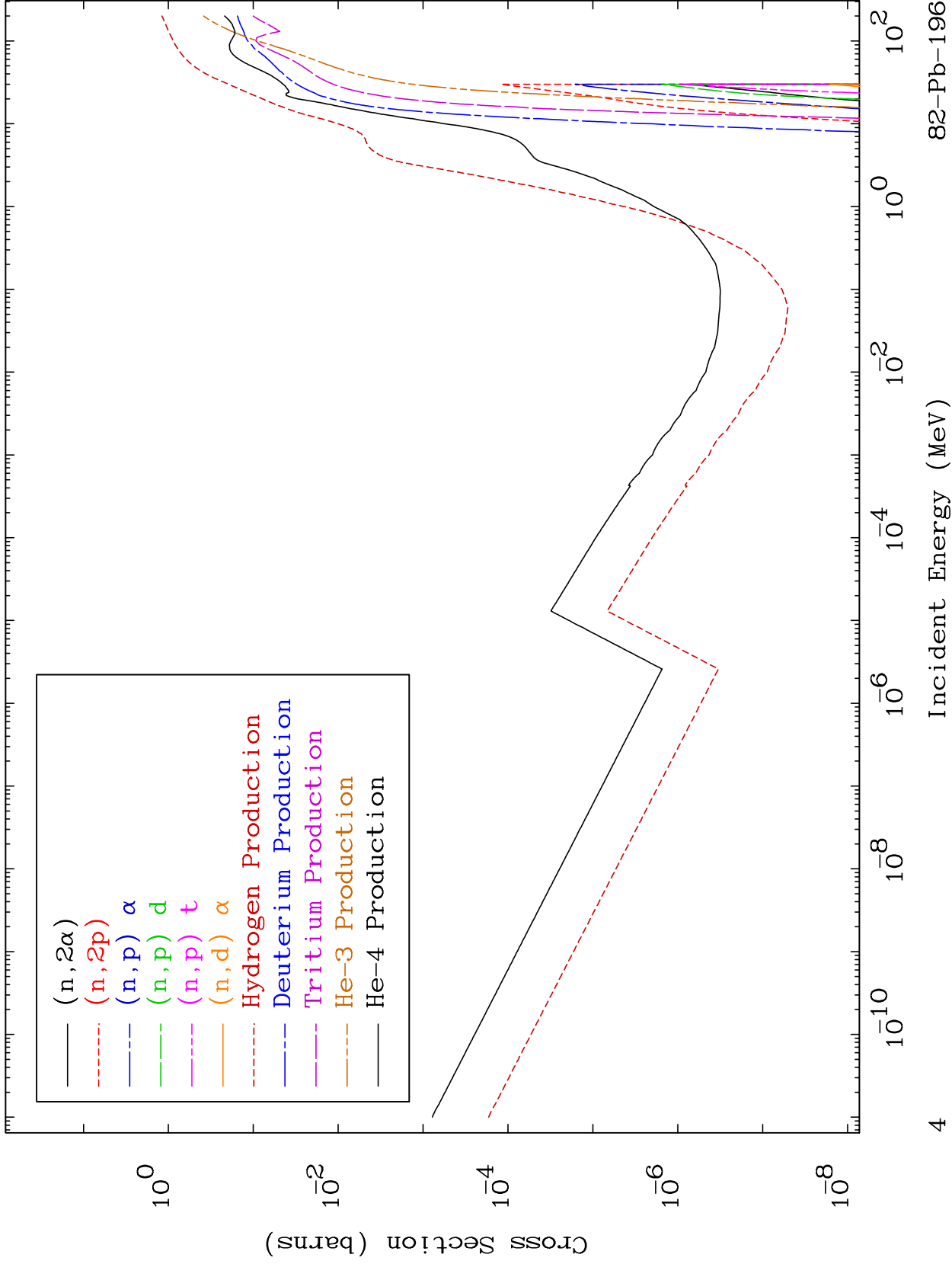




MAT 8201

Neutron Absorption
293 Kelvin Cross Sections

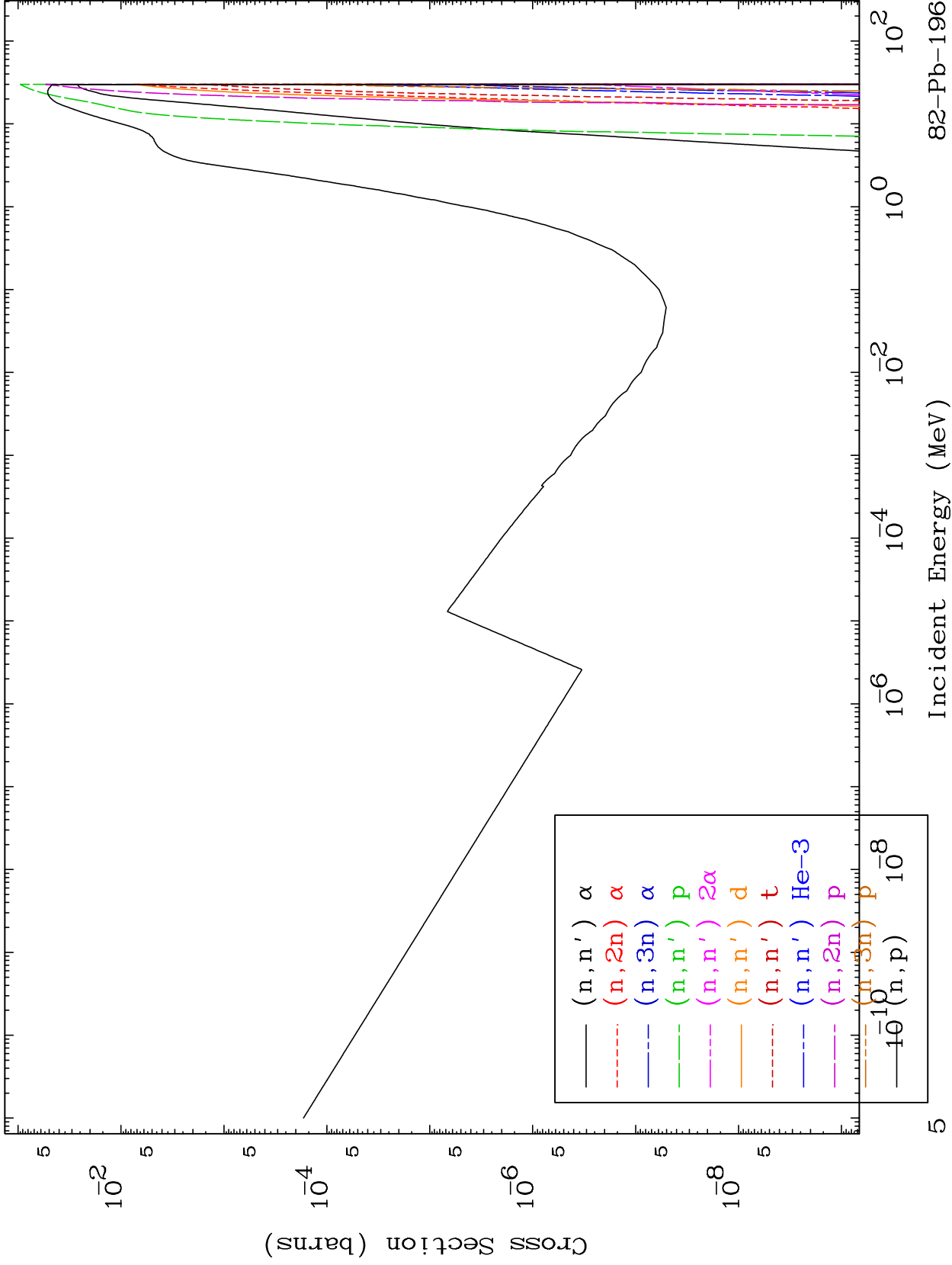
82-Pb-196



MAT 8201

Charged Particle
293 Kelvin Cross Sections

82-Pb-196



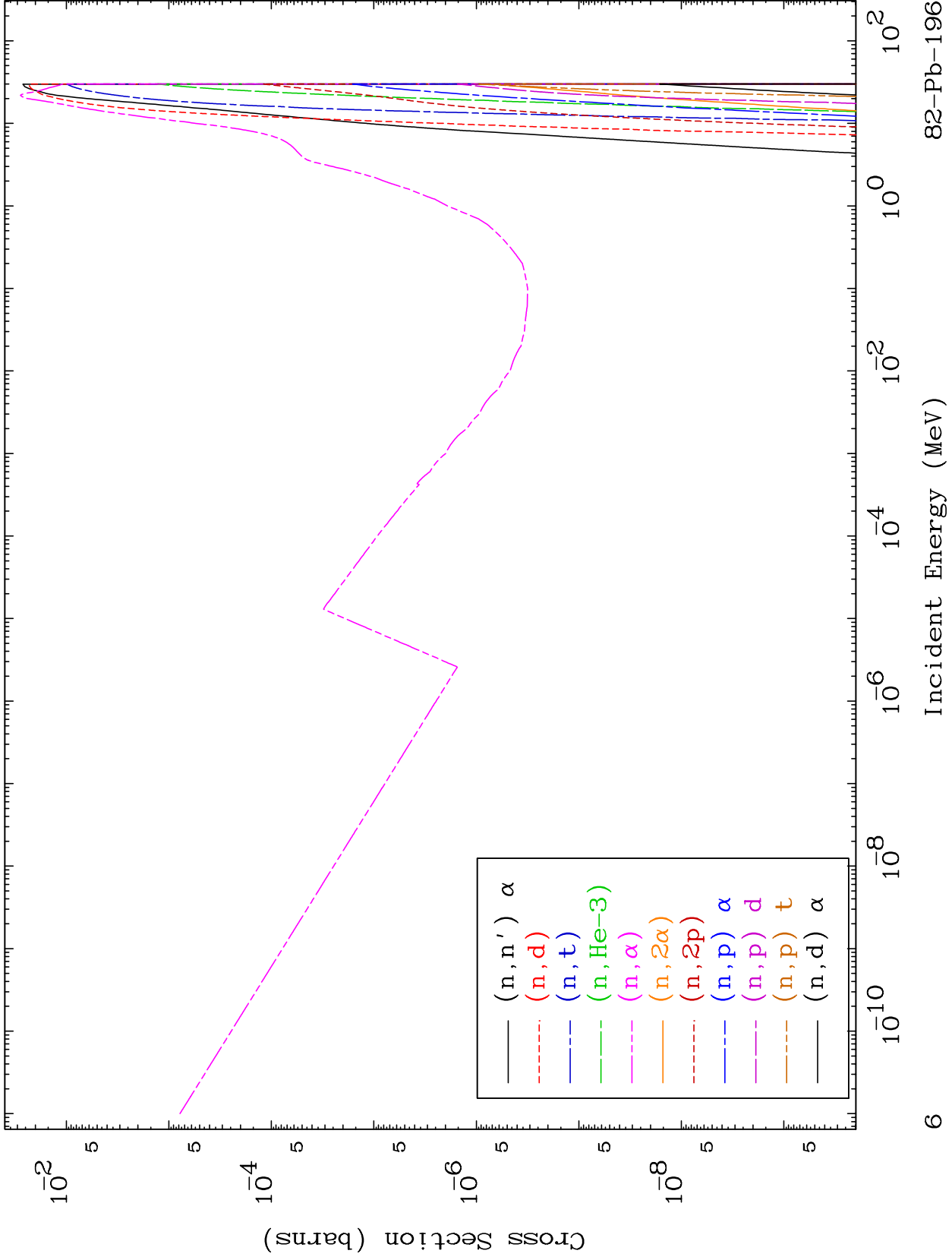
82-Pb-196

Incident Energy (MeV)

MAT 8201

Charged Particle
293 Kelvin Cross Sections

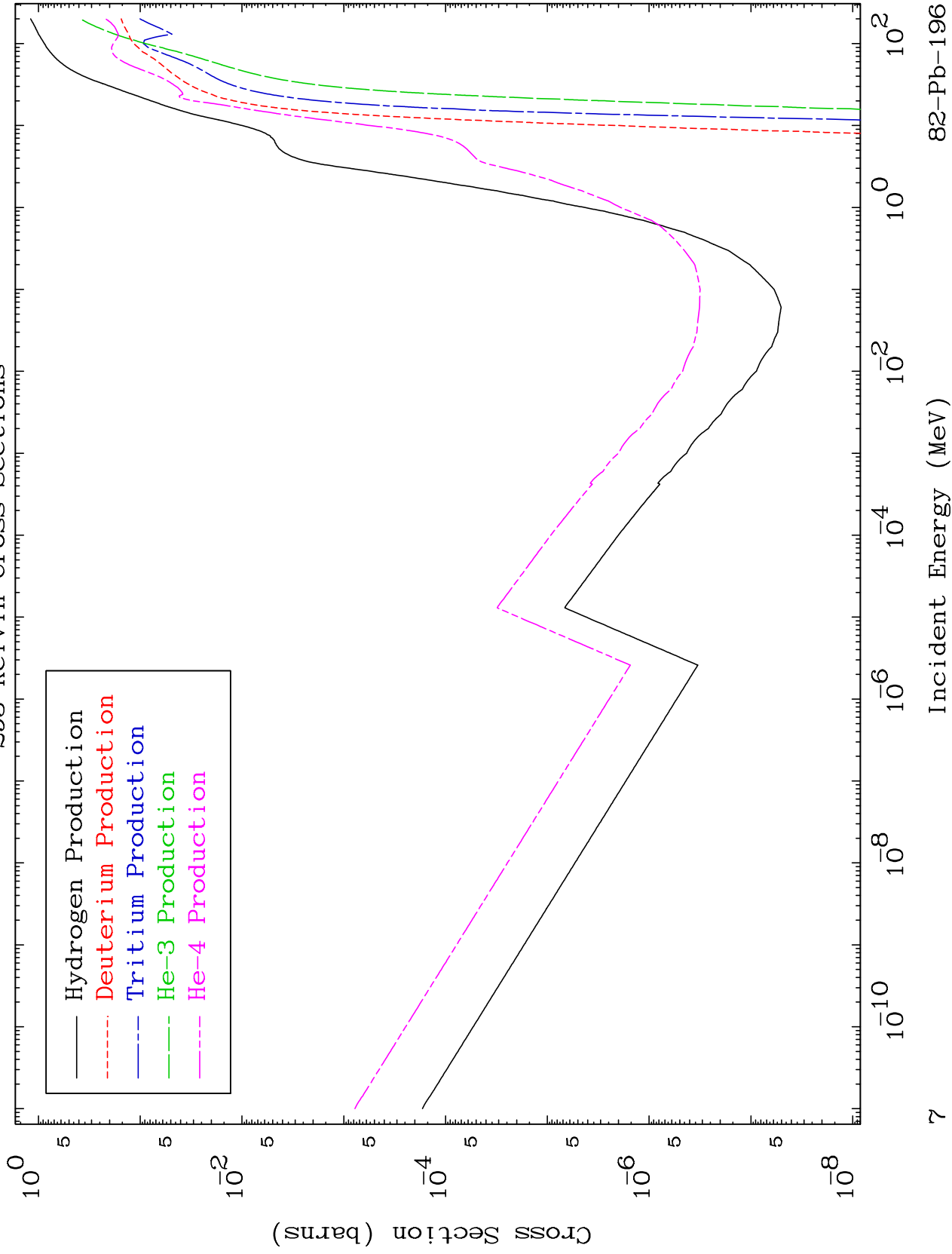
82-Pb-196



MAT 8201

Particle Production
293 Kelvin Cross Sections

82-Pb-196

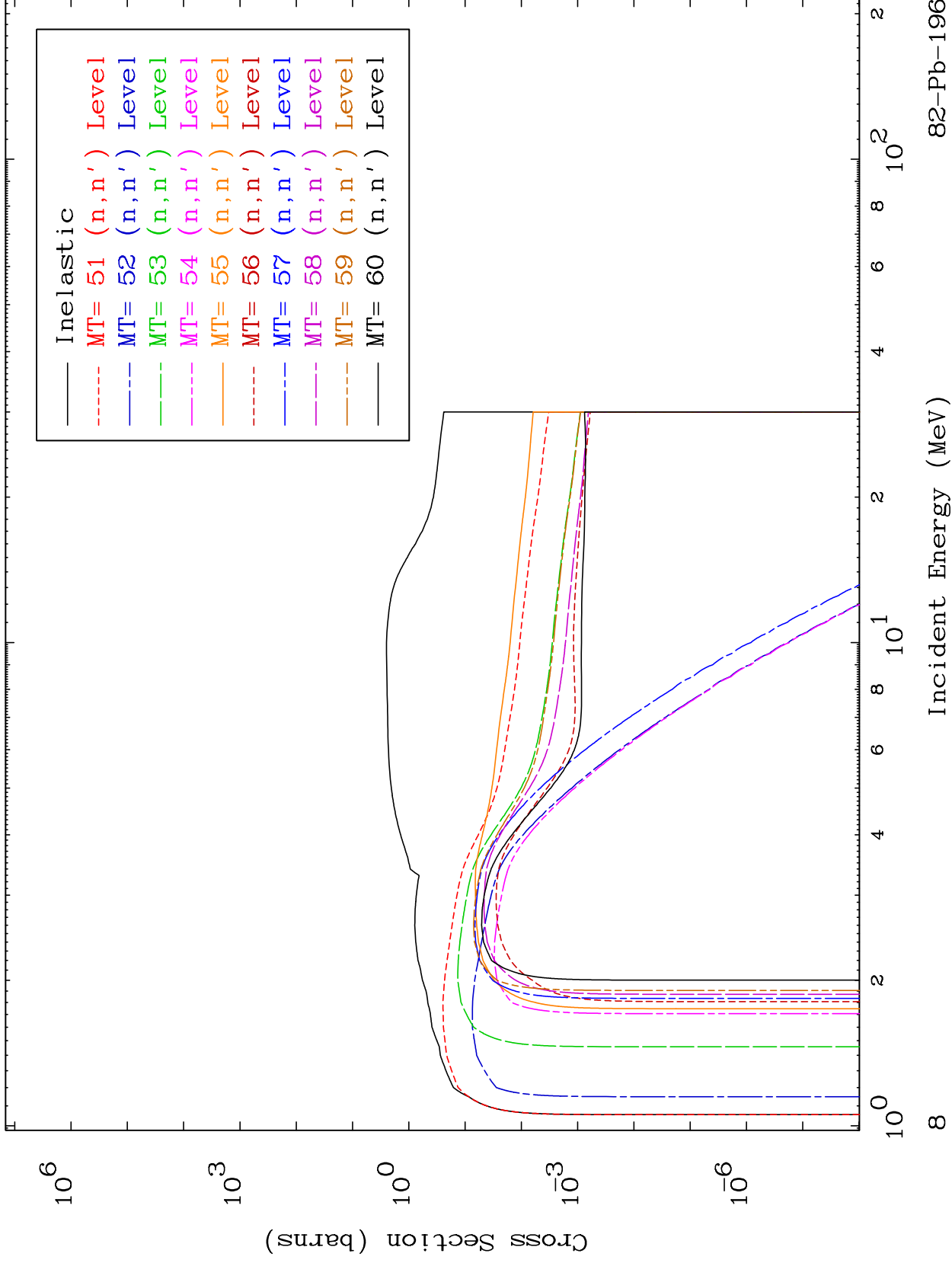


MAT 8201

(n,n') Levels

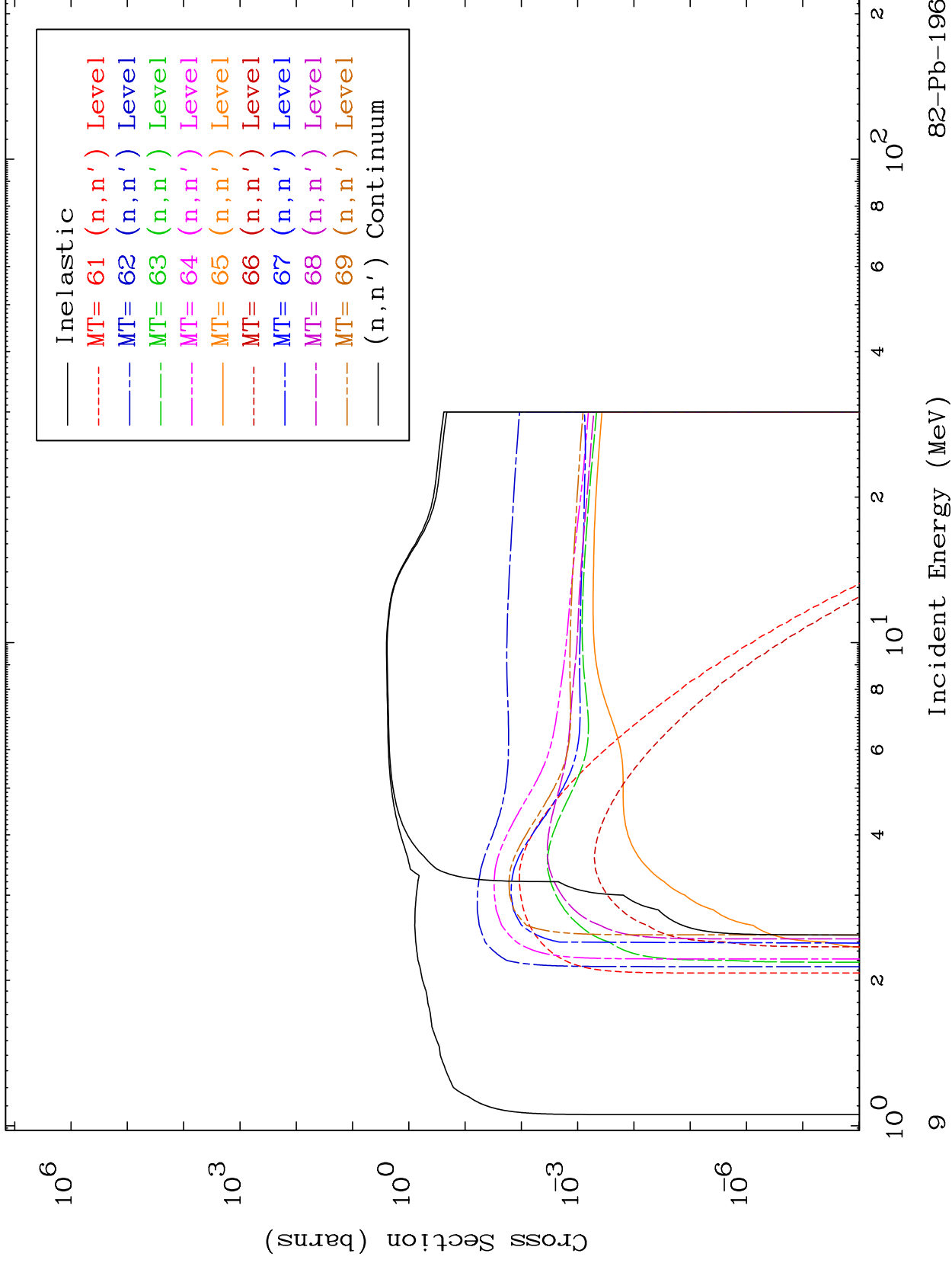
82-Pb-196

293 Kelvin Cross Sections



Incident Energy (MeV)

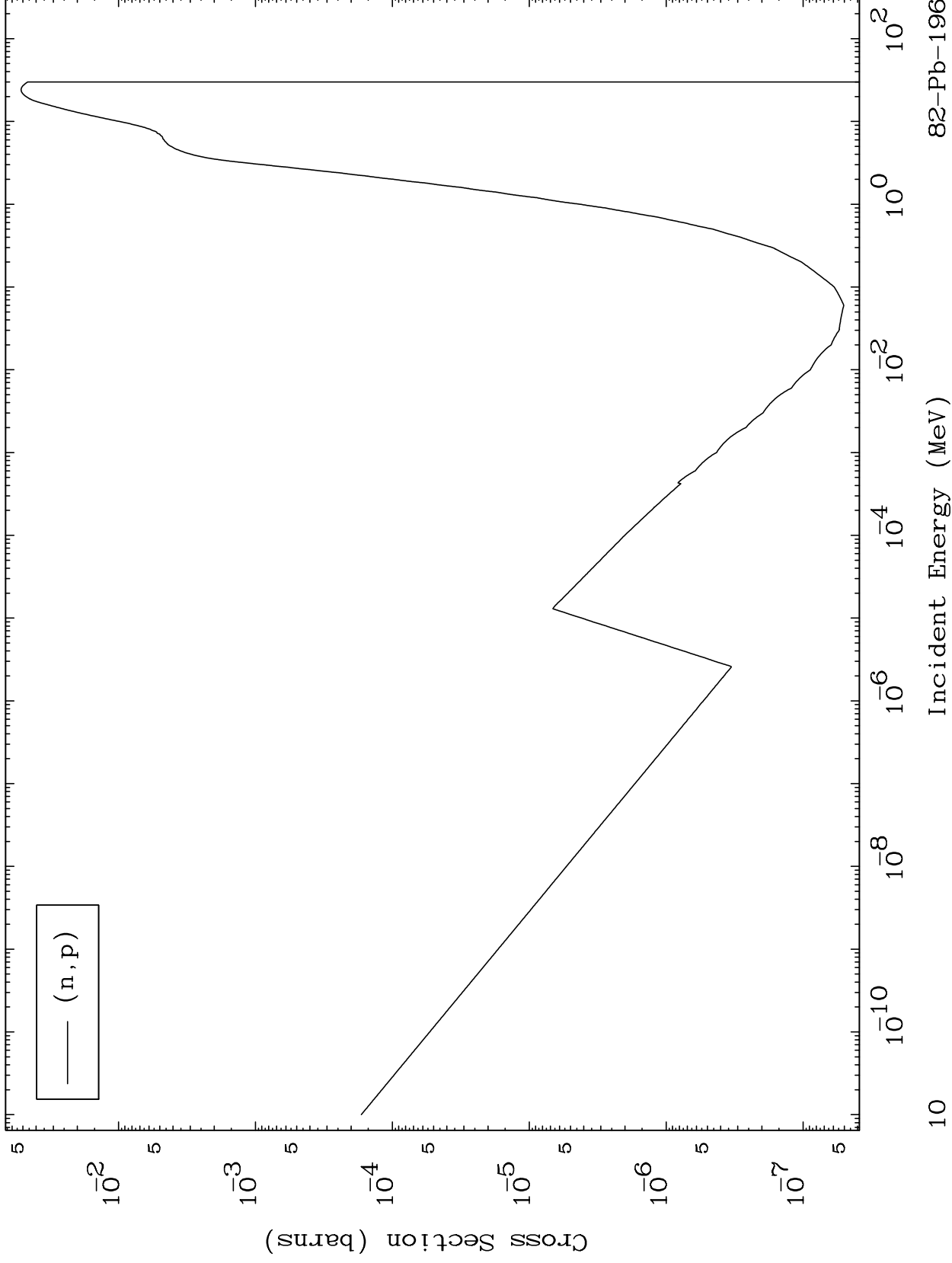
82-Pb-196



MAT 8201

(n,p) Levels
293 Kelvin Cross Sections

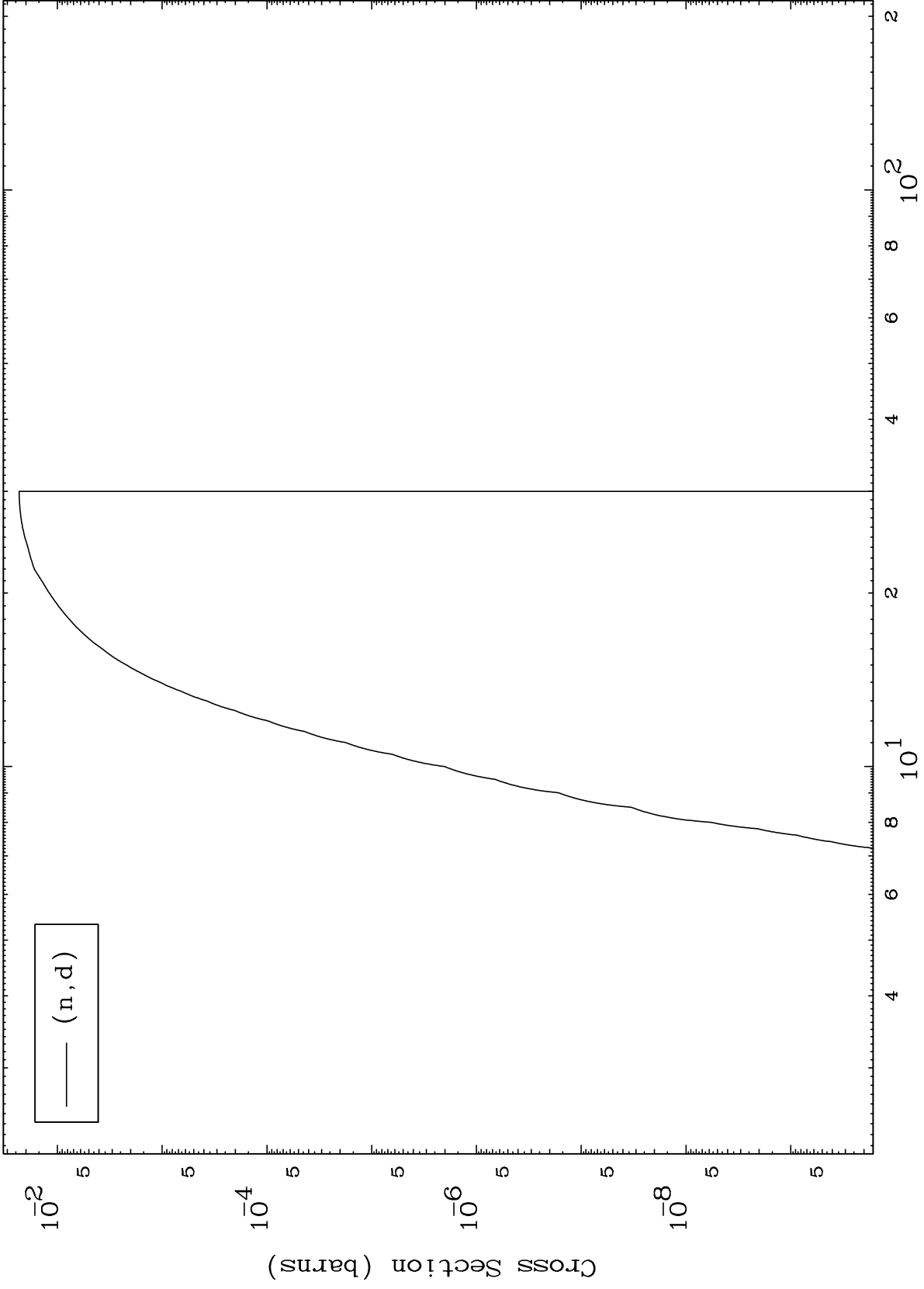
82-Pb-196



MAT 8201

(n,d) Levels
293 Kelvin Cross Sections

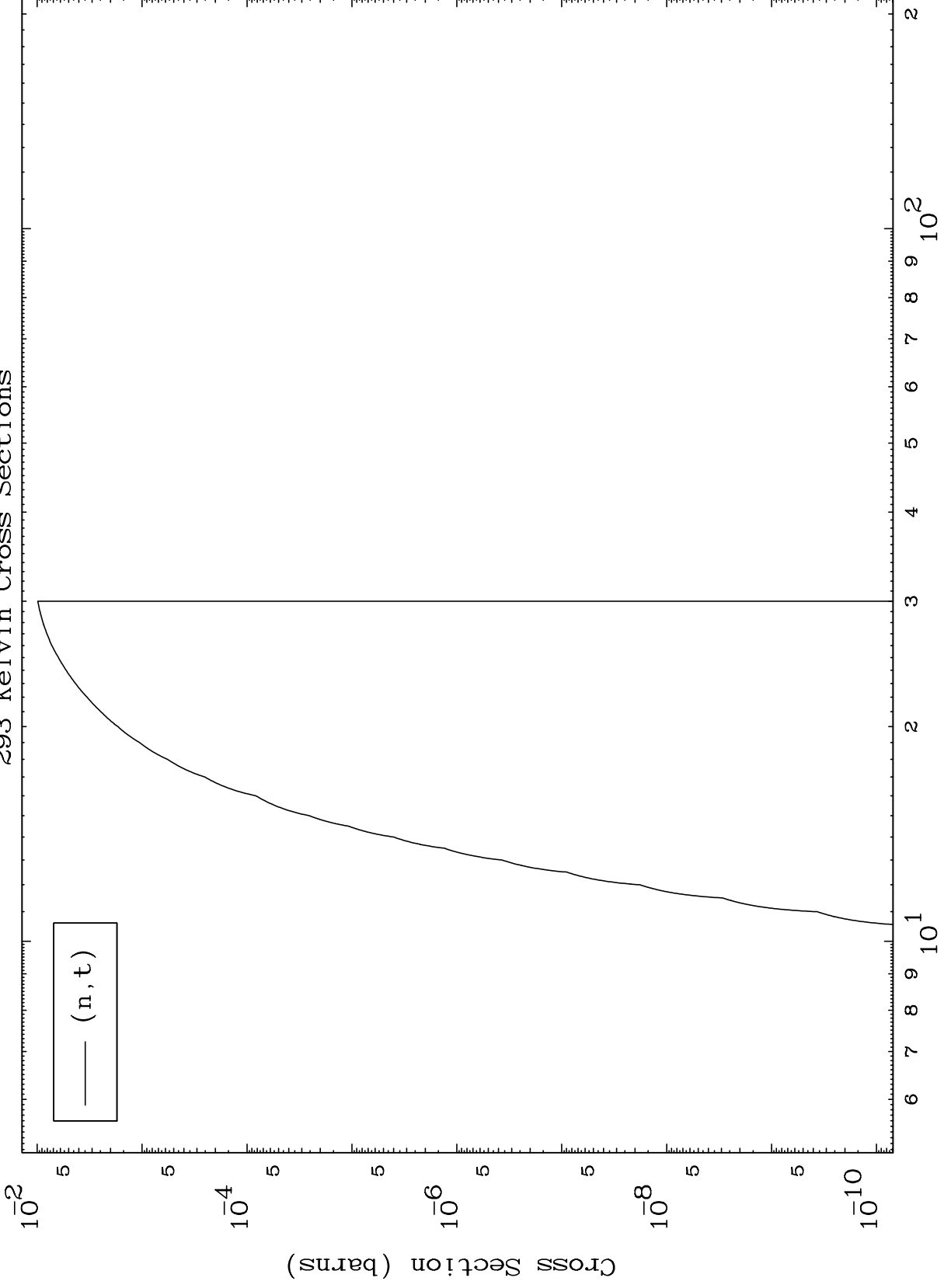
82-Pb-196



MAT 8201

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-196



12

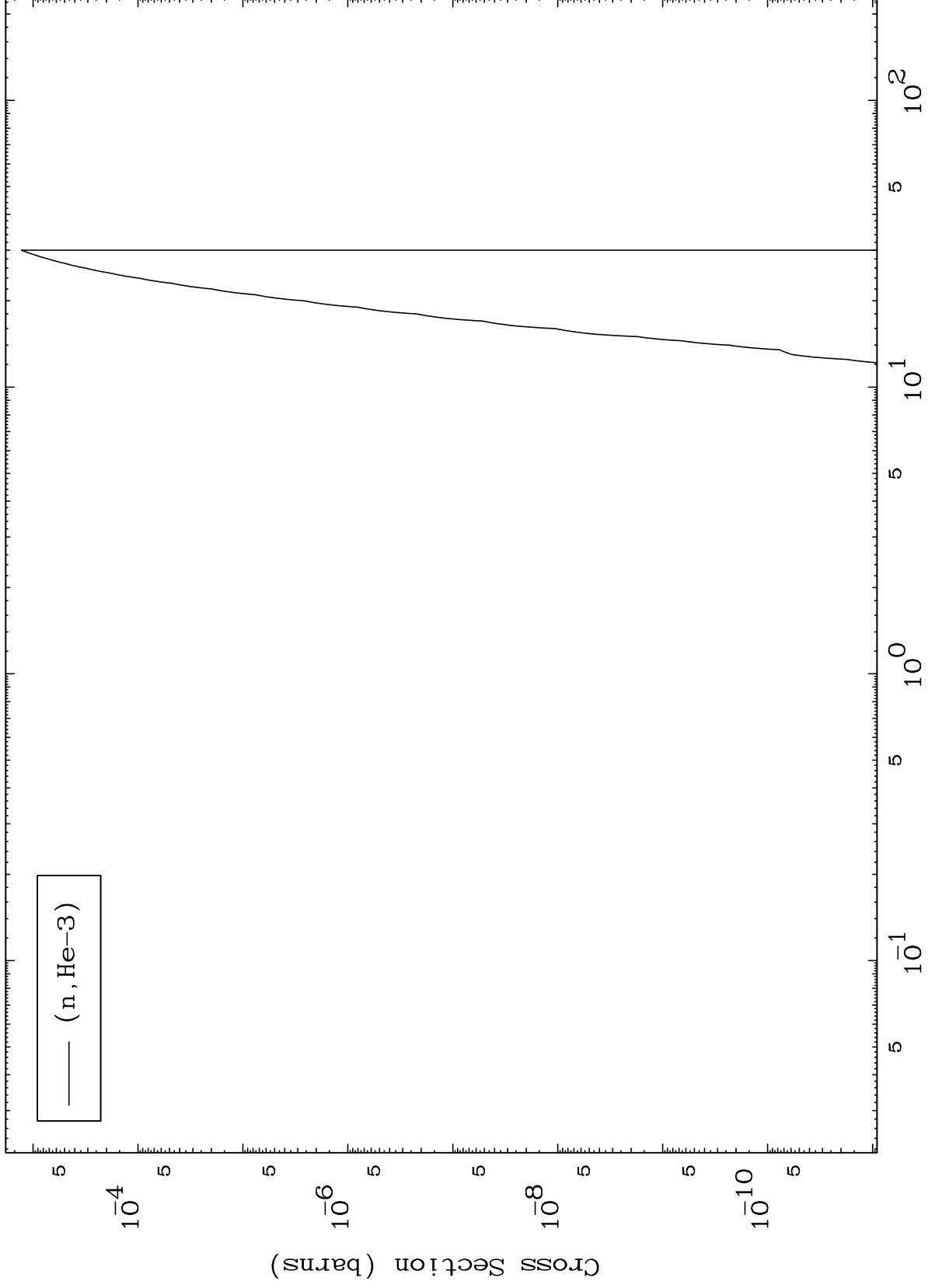
Incident Energy (MeV)

82-Pb-196

MAT 8201

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-196



13

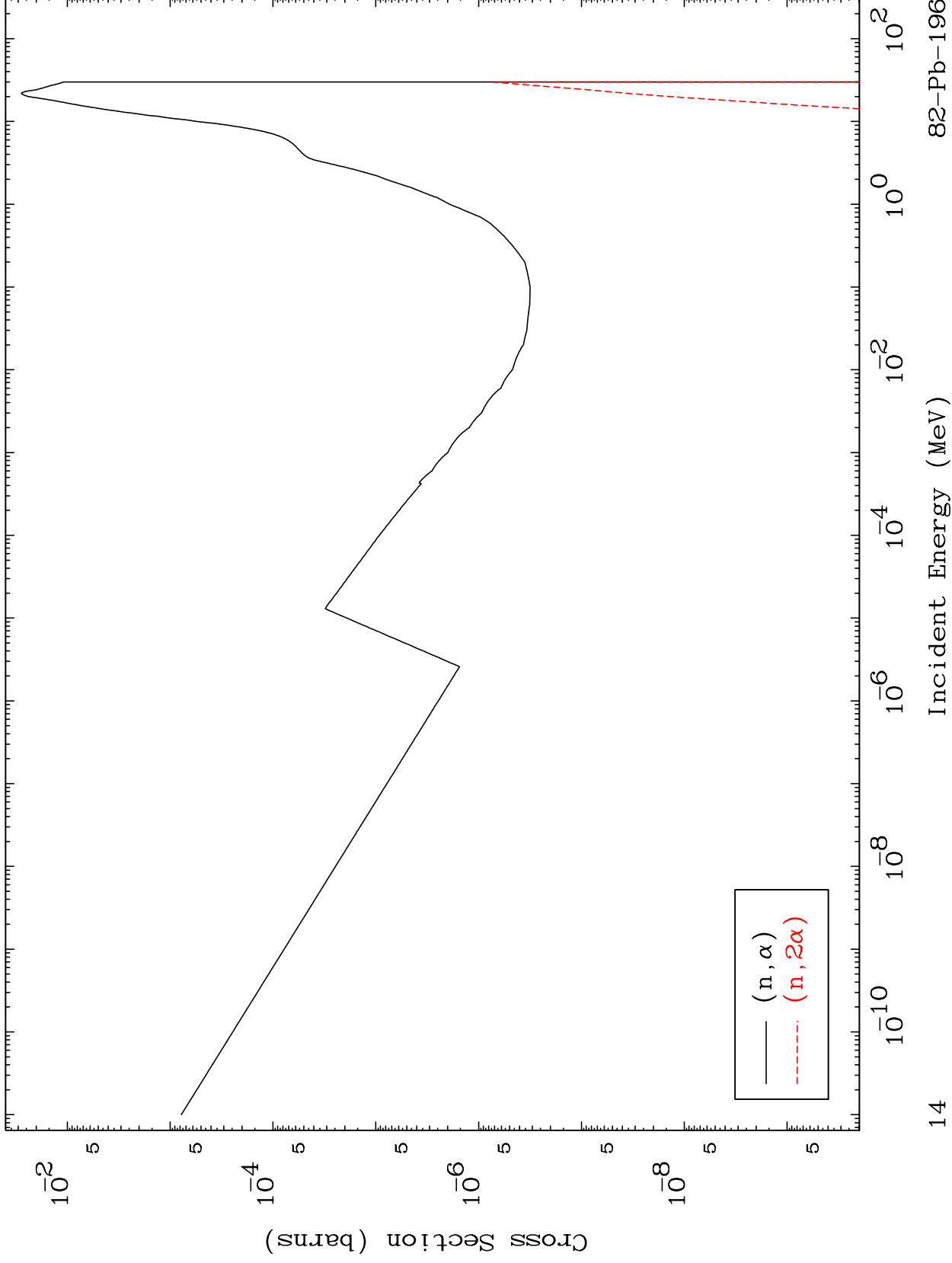
Incident Energy (MeV)

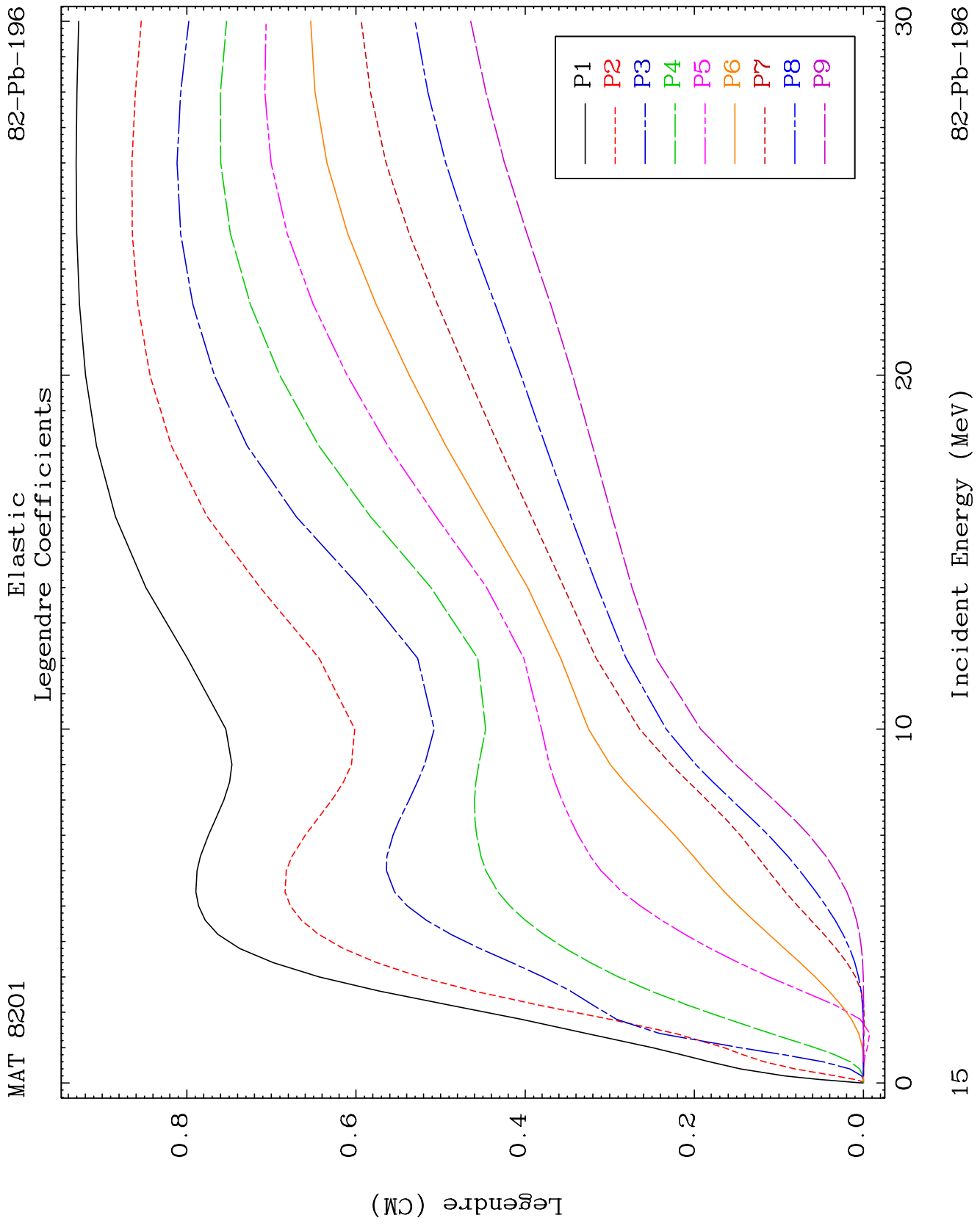
82-Pb-196

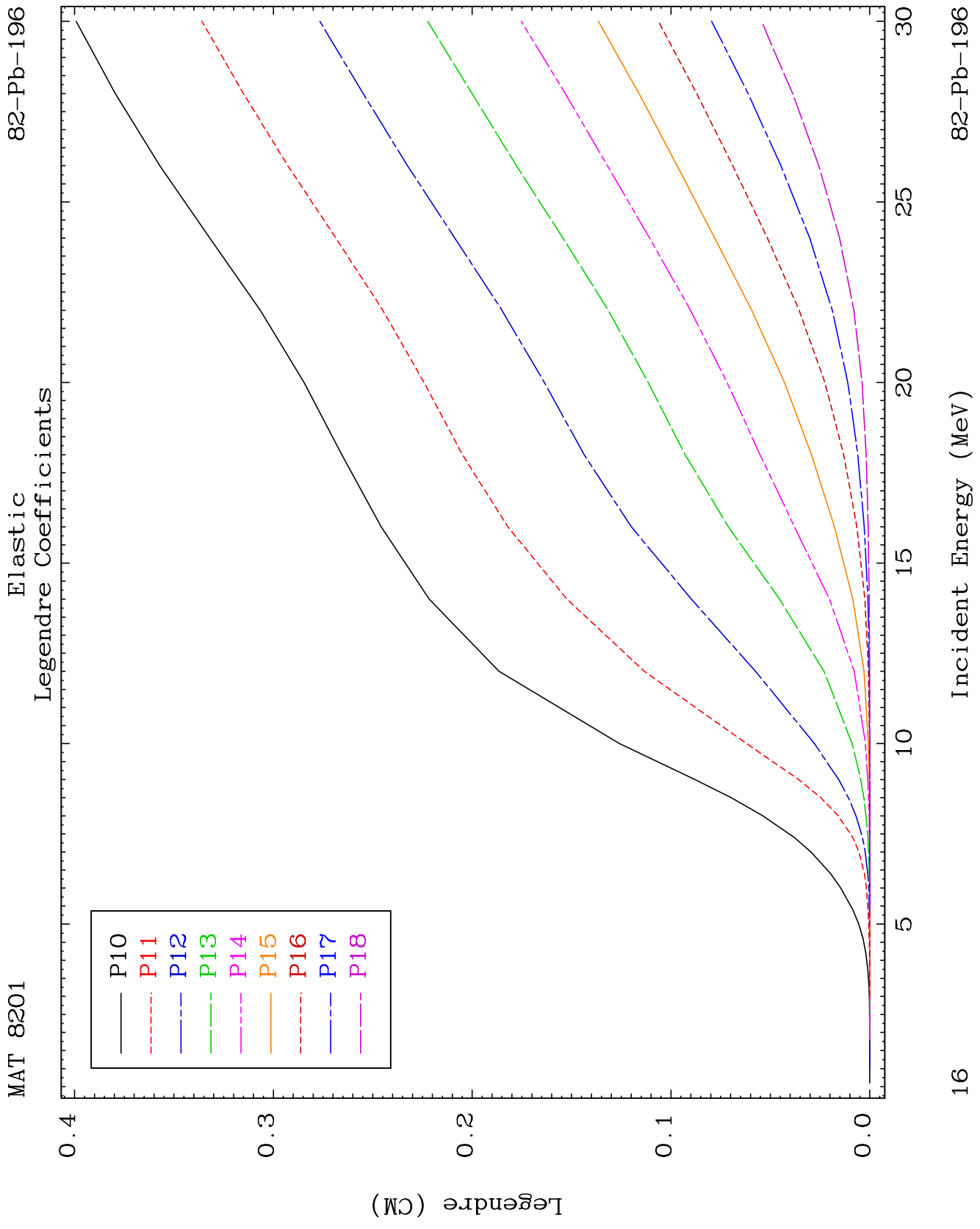
MAT 8201

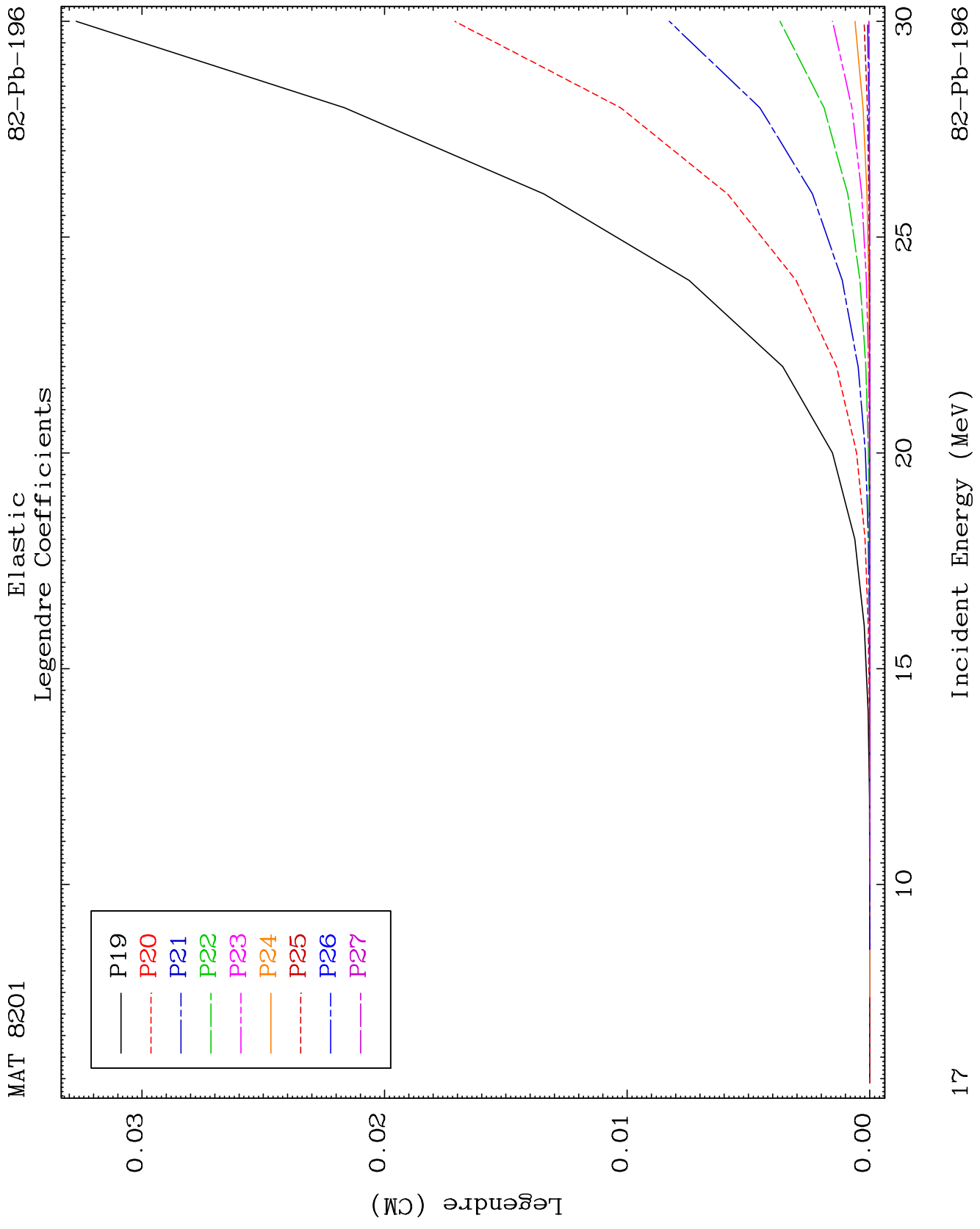
(n,α) Levels
293 Kelvin Cross Sections

82-Pb-196









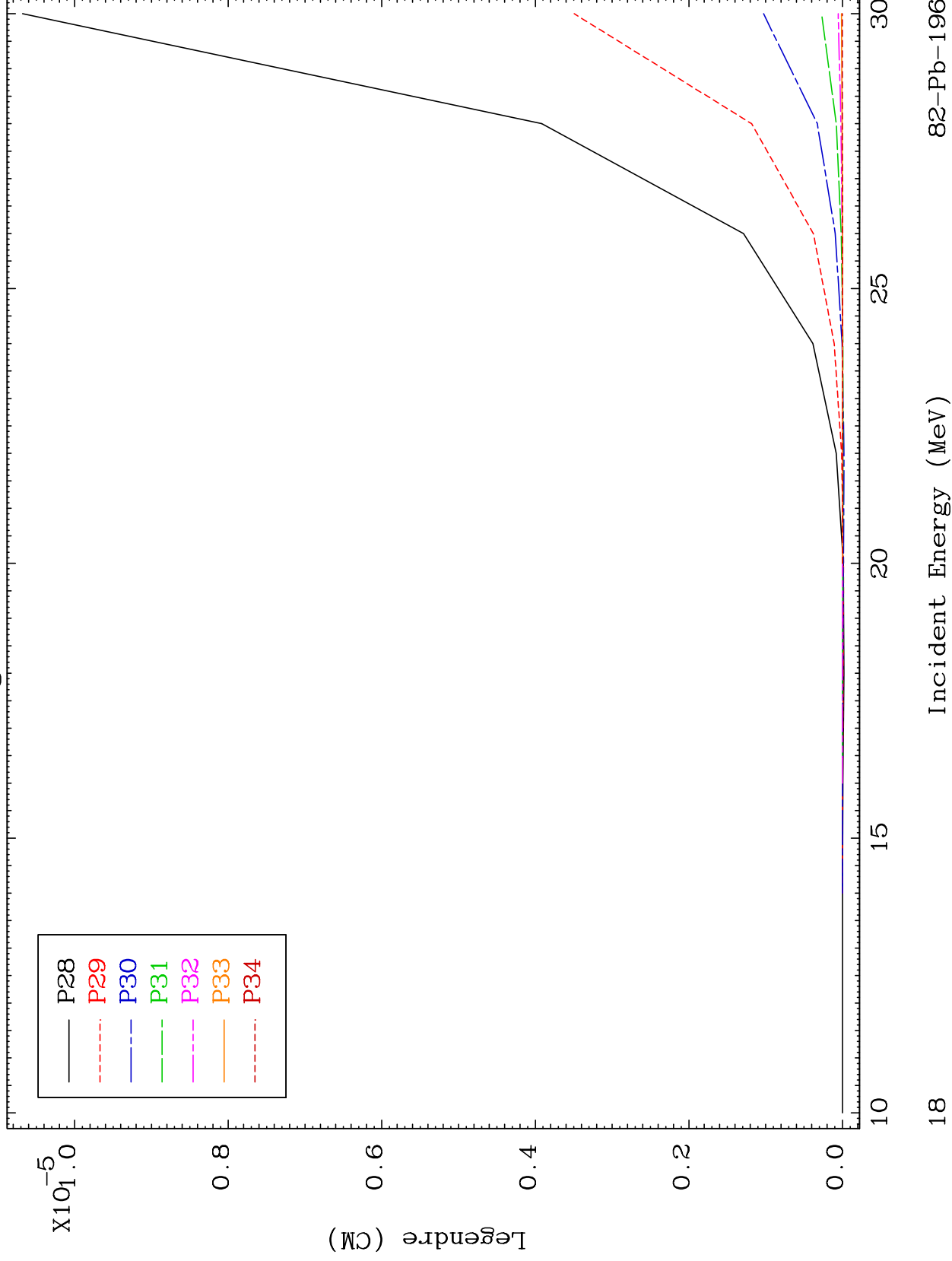
MAT 8201

17

MAT 8201

Elastic
Legendre Coefficients

82-Pb-196



18

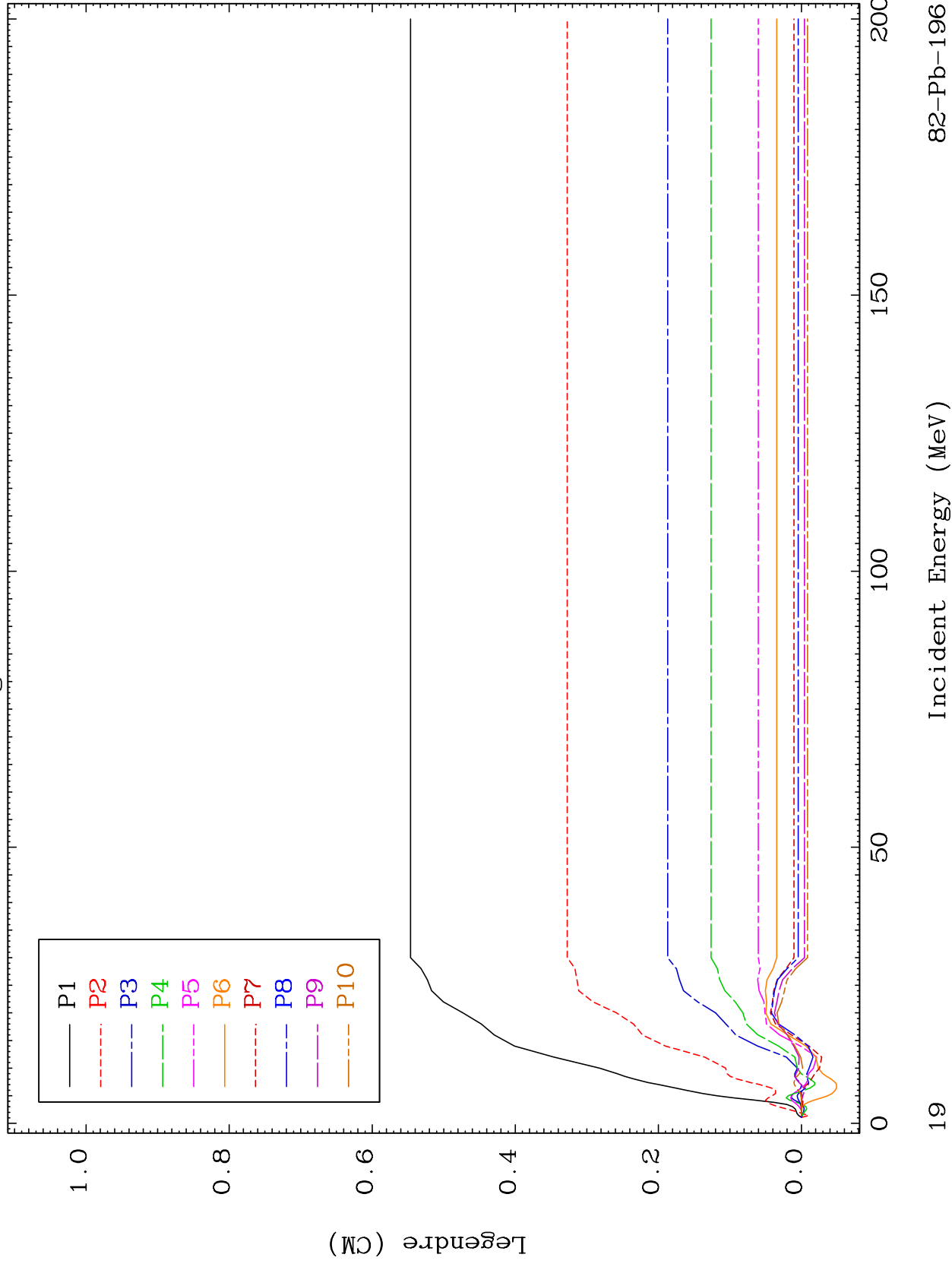
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196

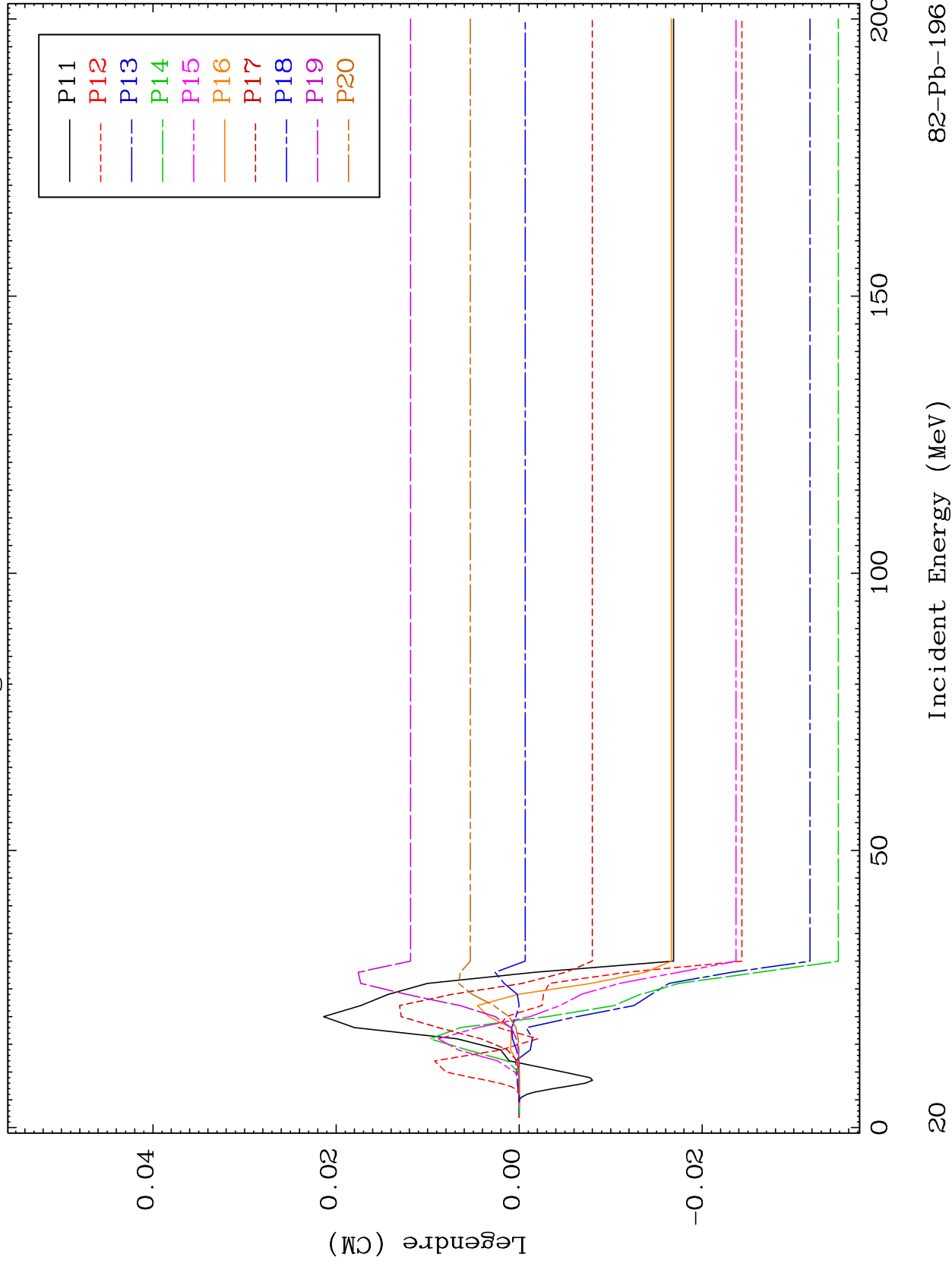


19

MAT 8201

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

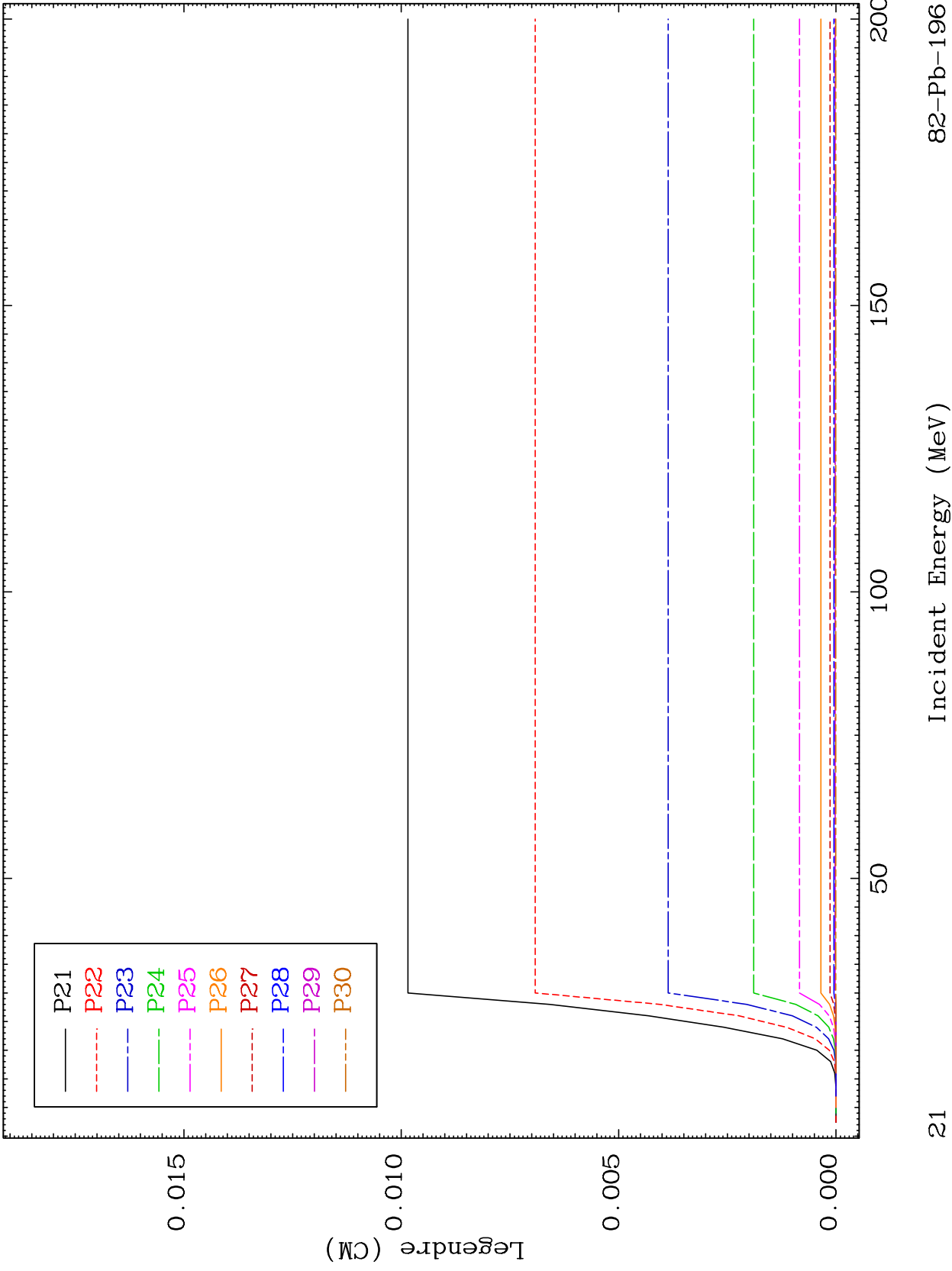
82-Pb-196



MAT 8201

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

82-Pb-196



21

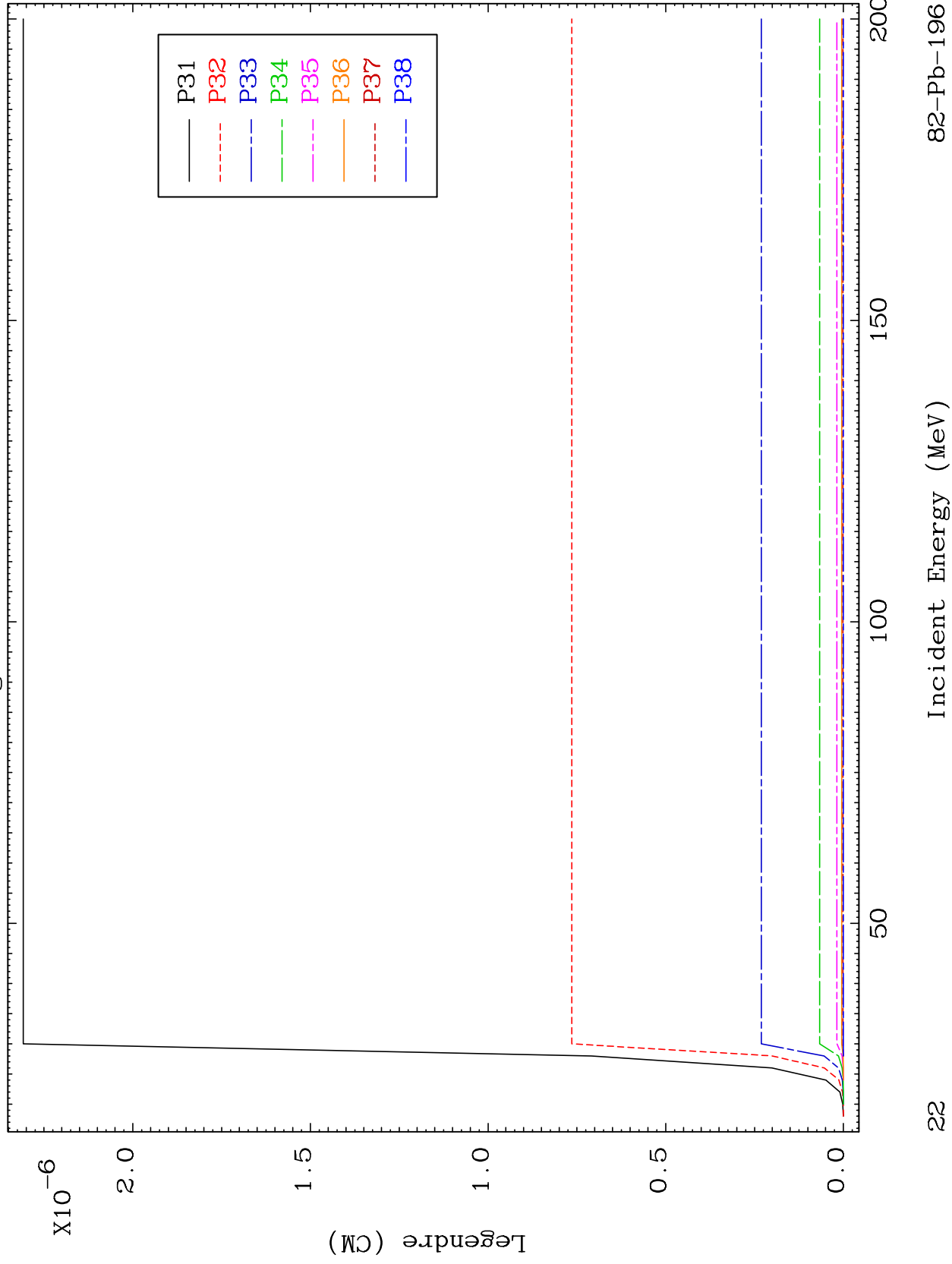
Incident Energy (MeV)

82-Pb-196

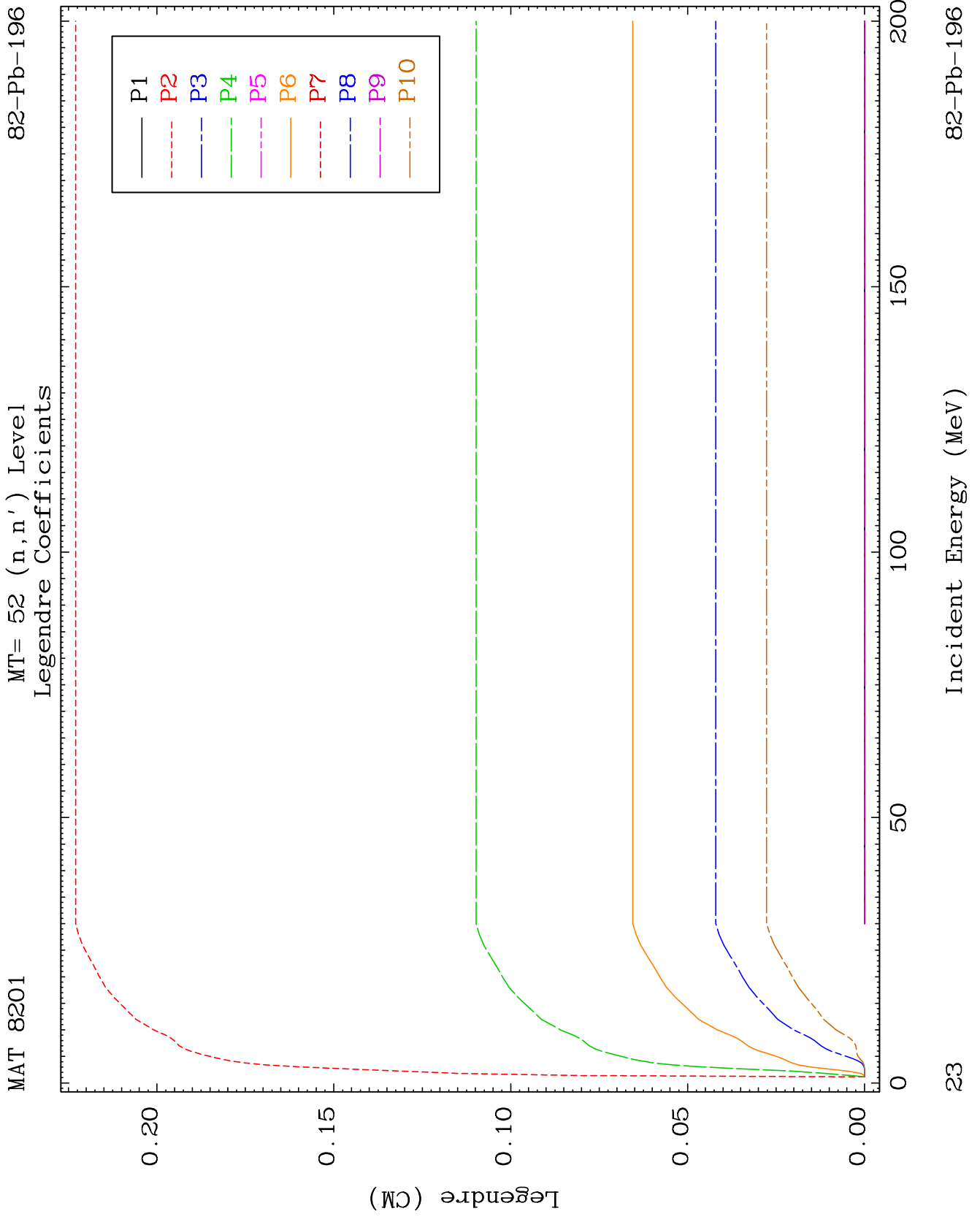
MAT 8201

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

82-Pb-196



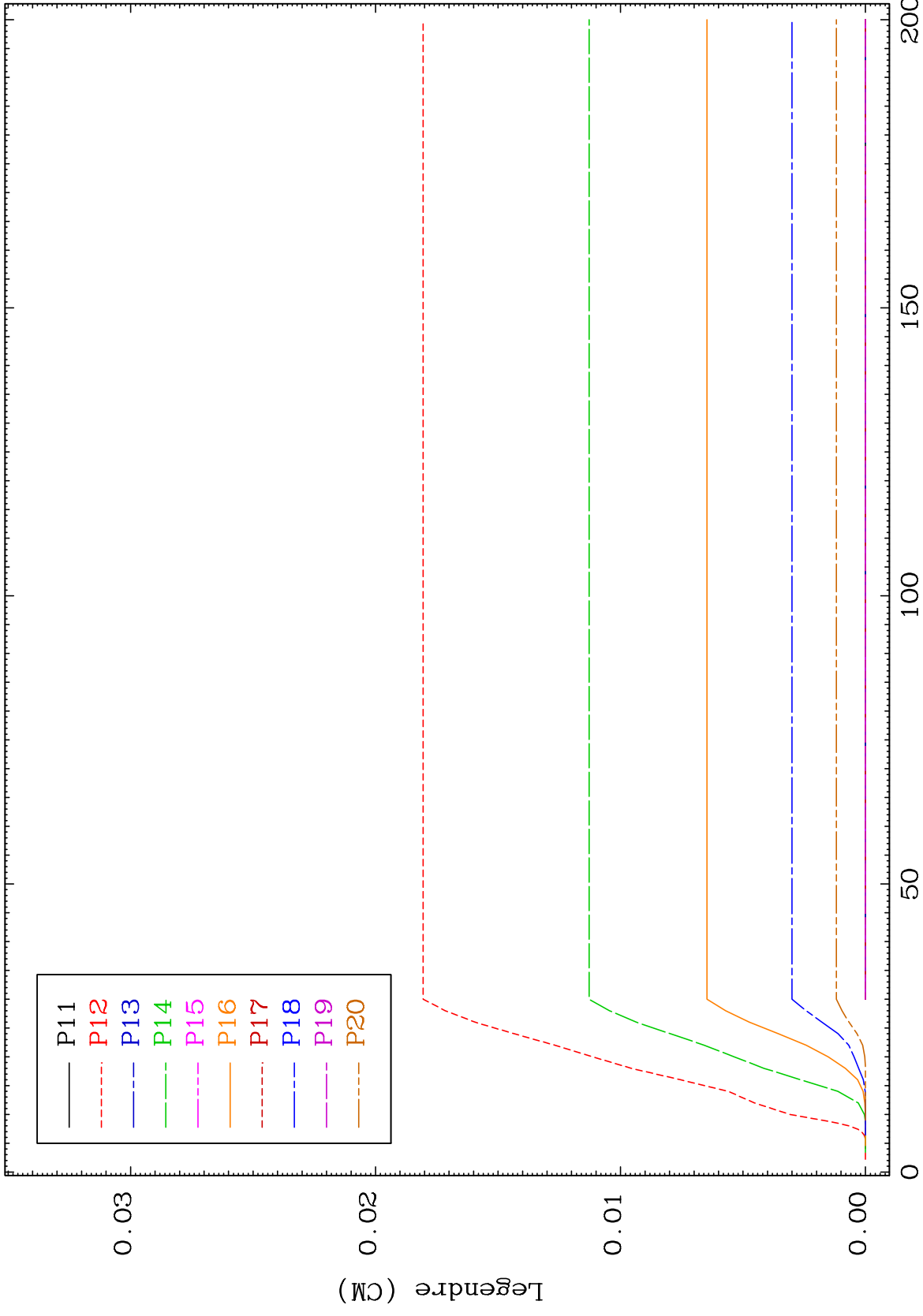
22



MAT 8201

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

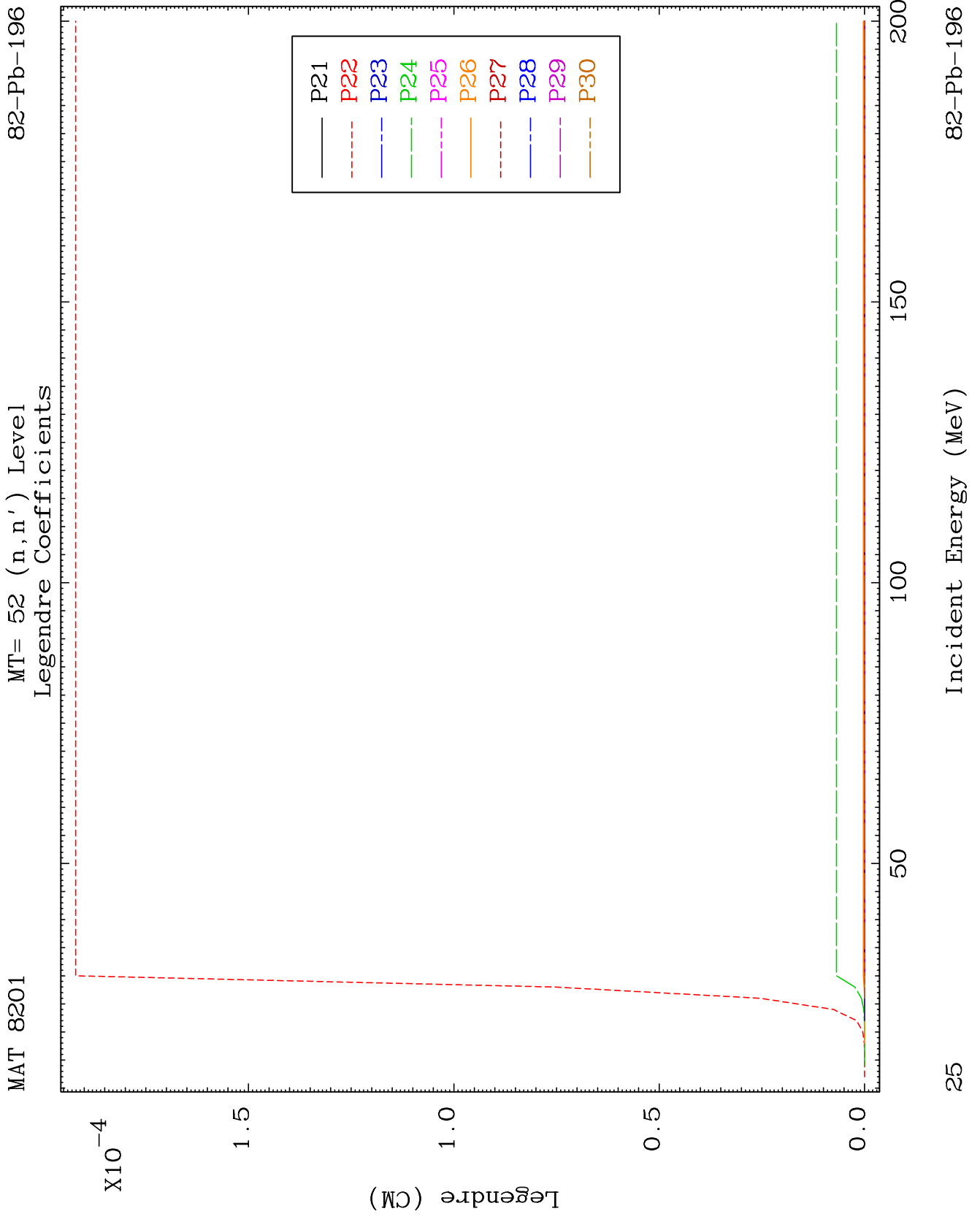
82-Pb-196



24

Incident Energy (MeV)

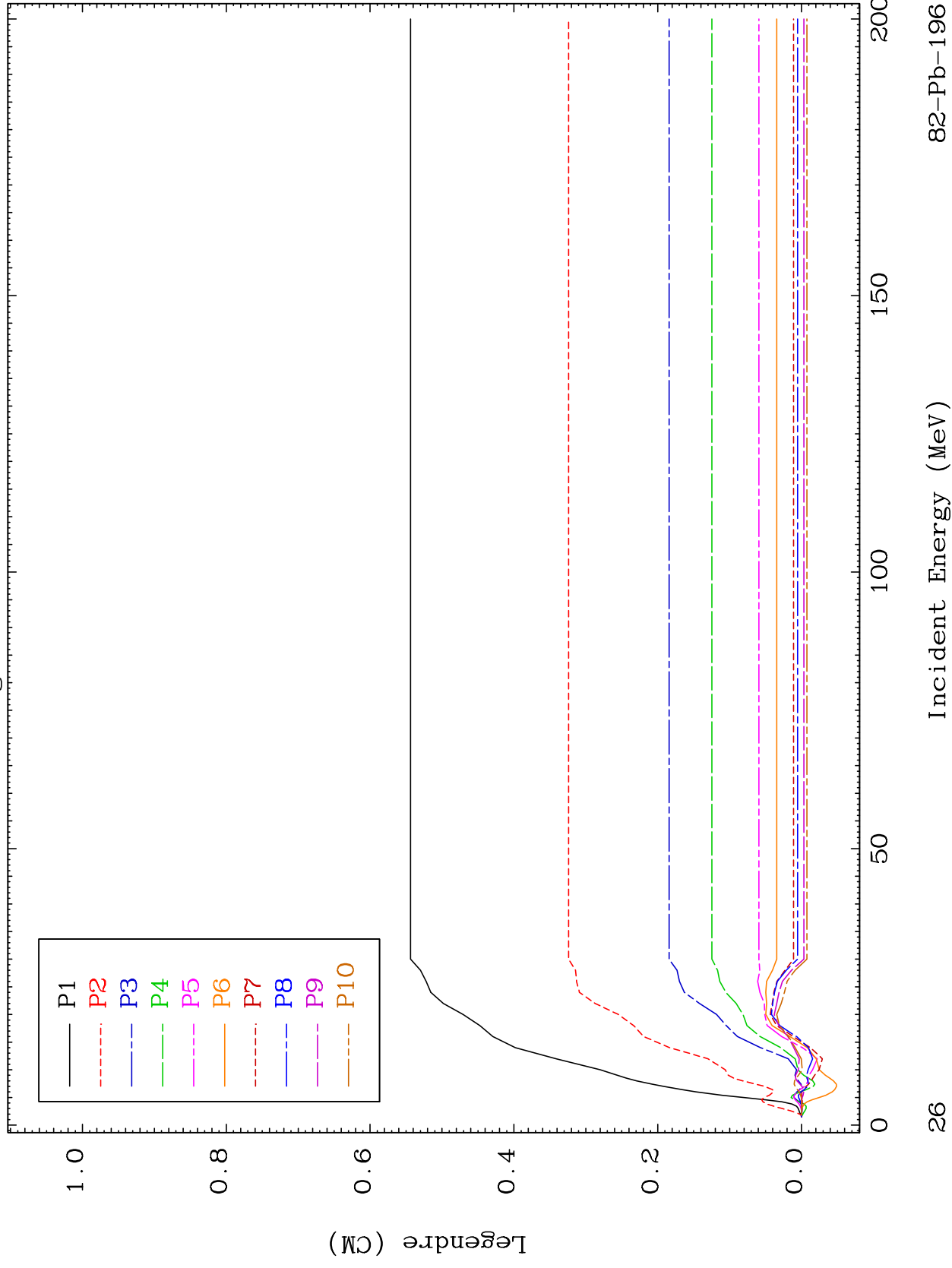
82-Pb-196



MAT 8201

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

82-Pb-196

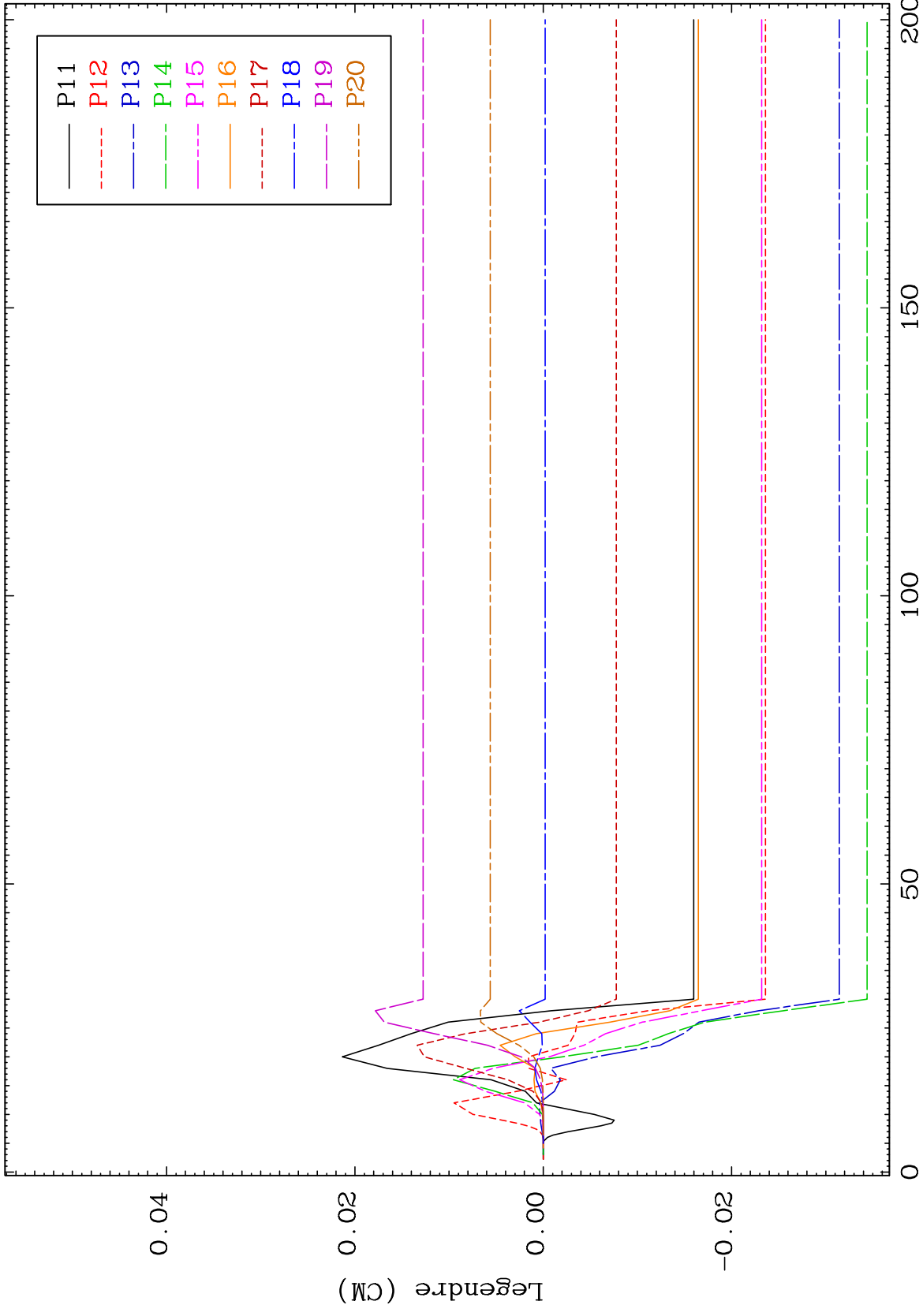


26

MAT 8201

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

82-Pb-196



27

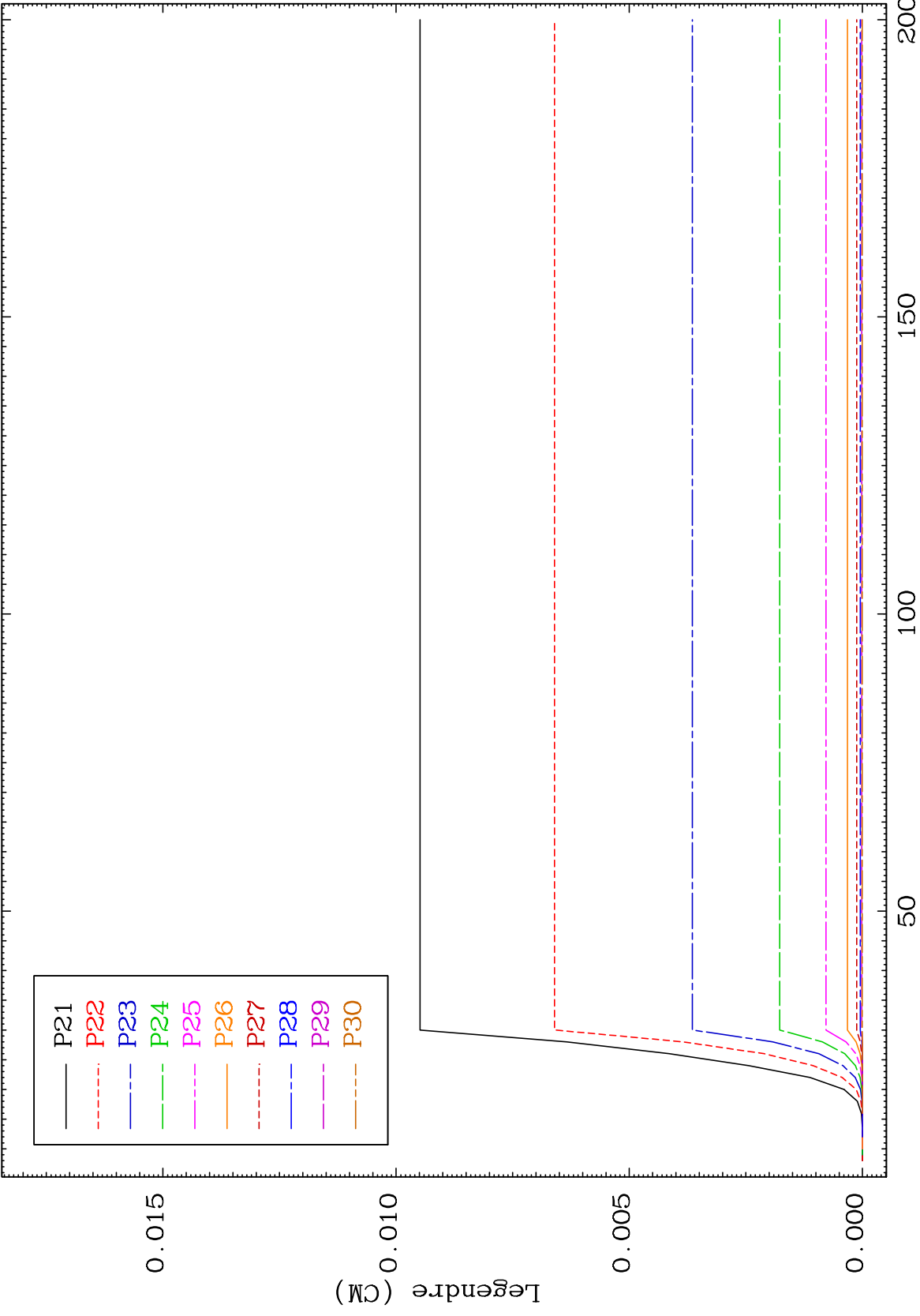
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



28

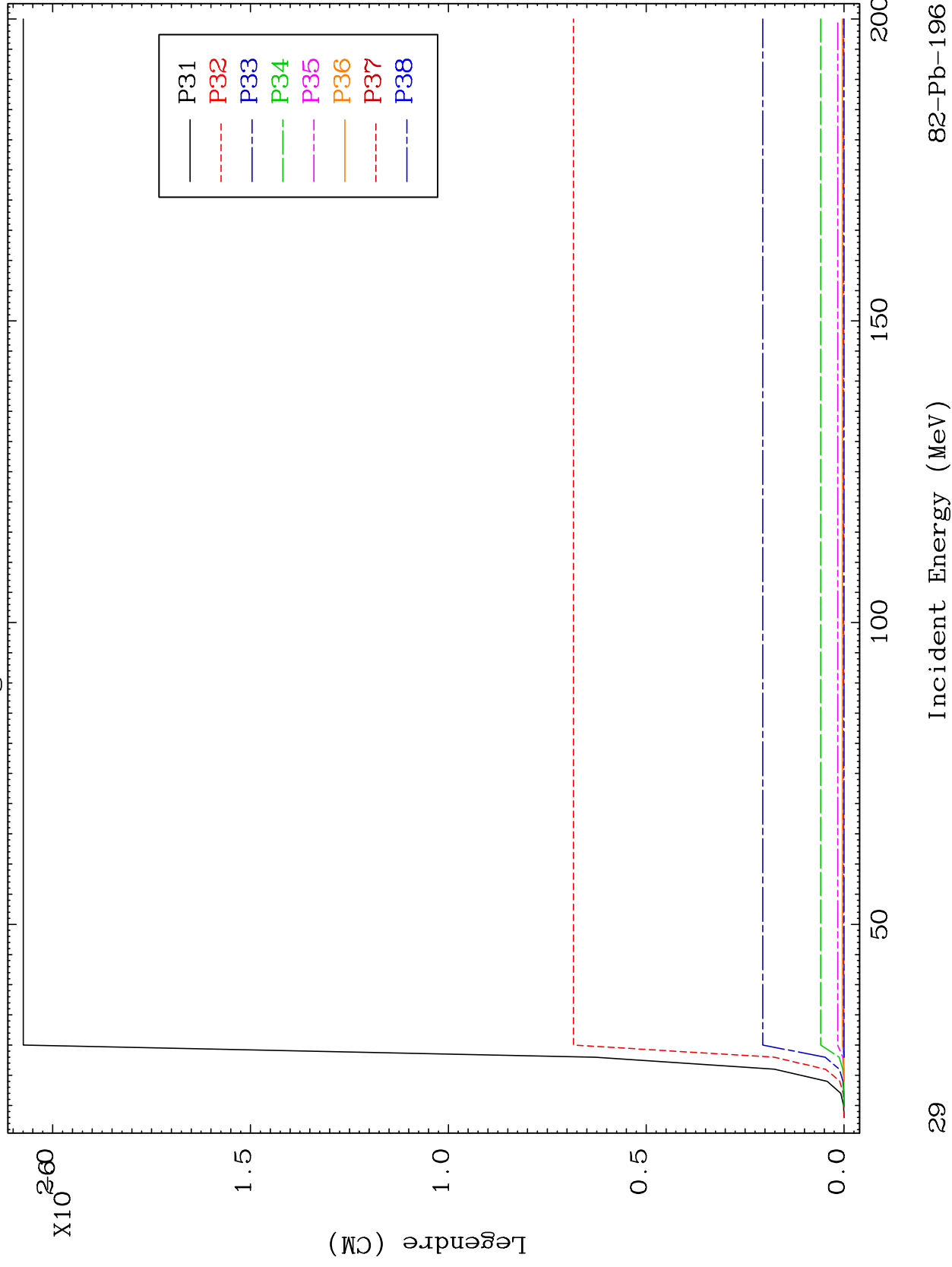
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196

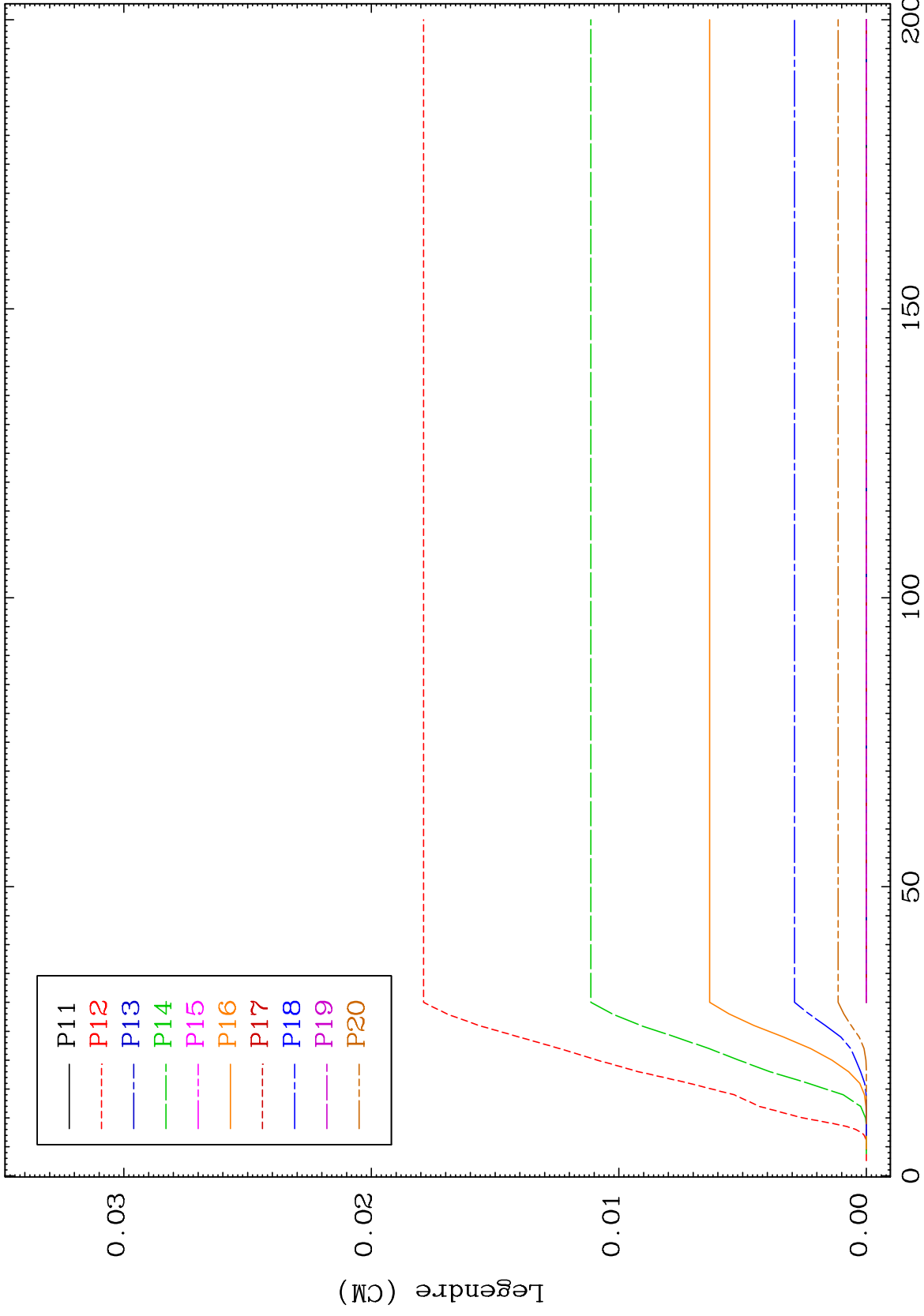


29

MAT 8201

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

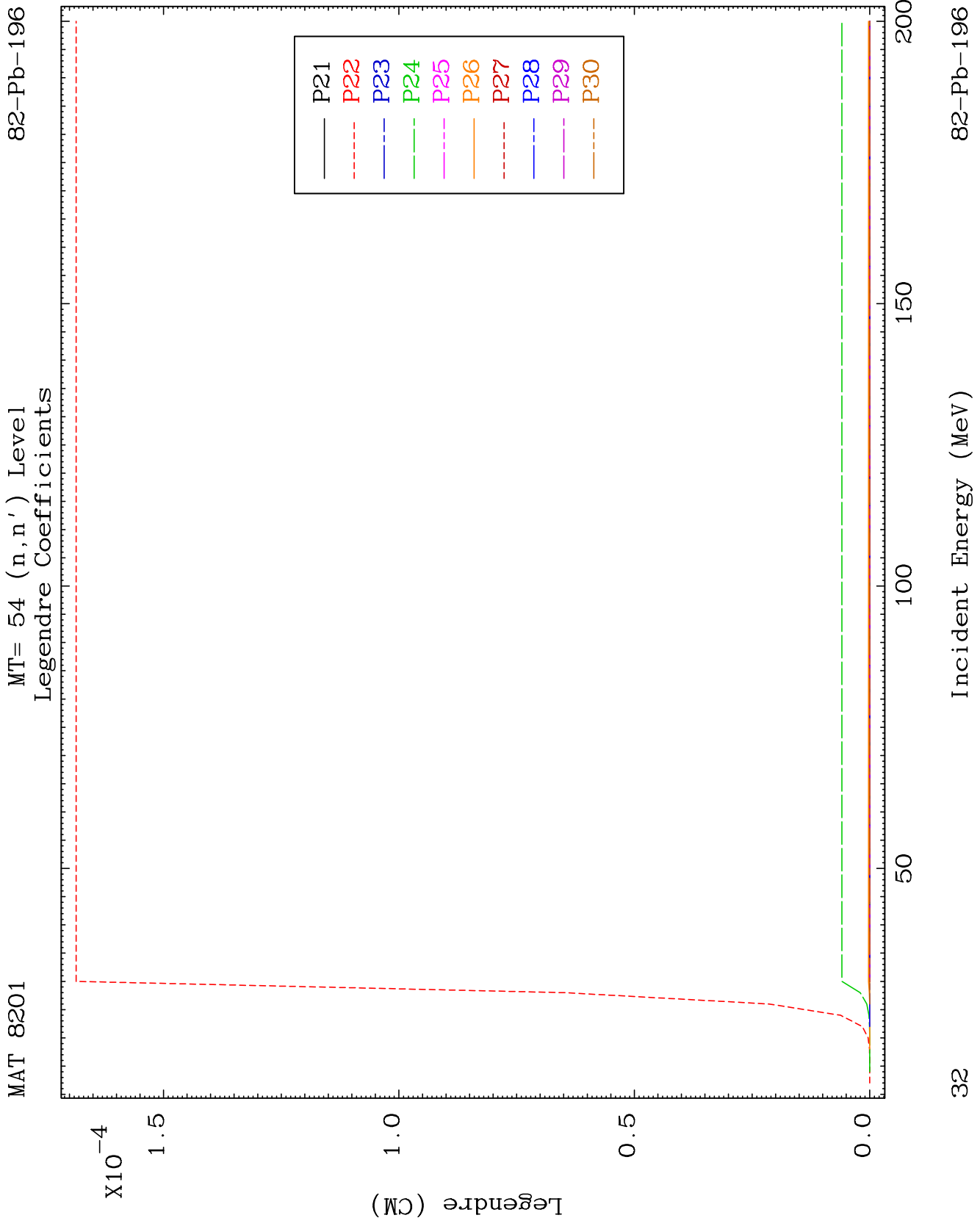
82-Pb-196

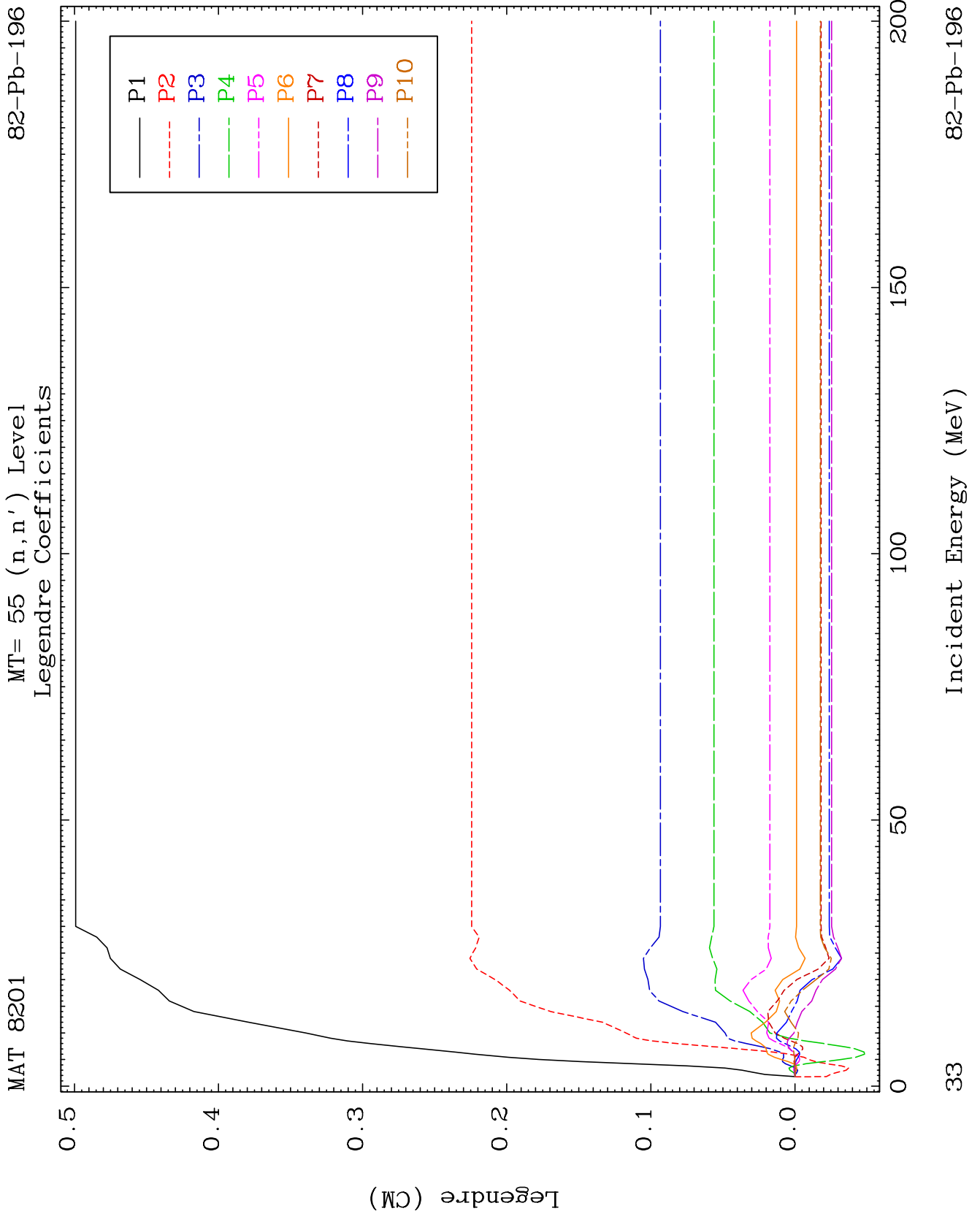


31

Incident Energy (MeV)

82-Pb-196

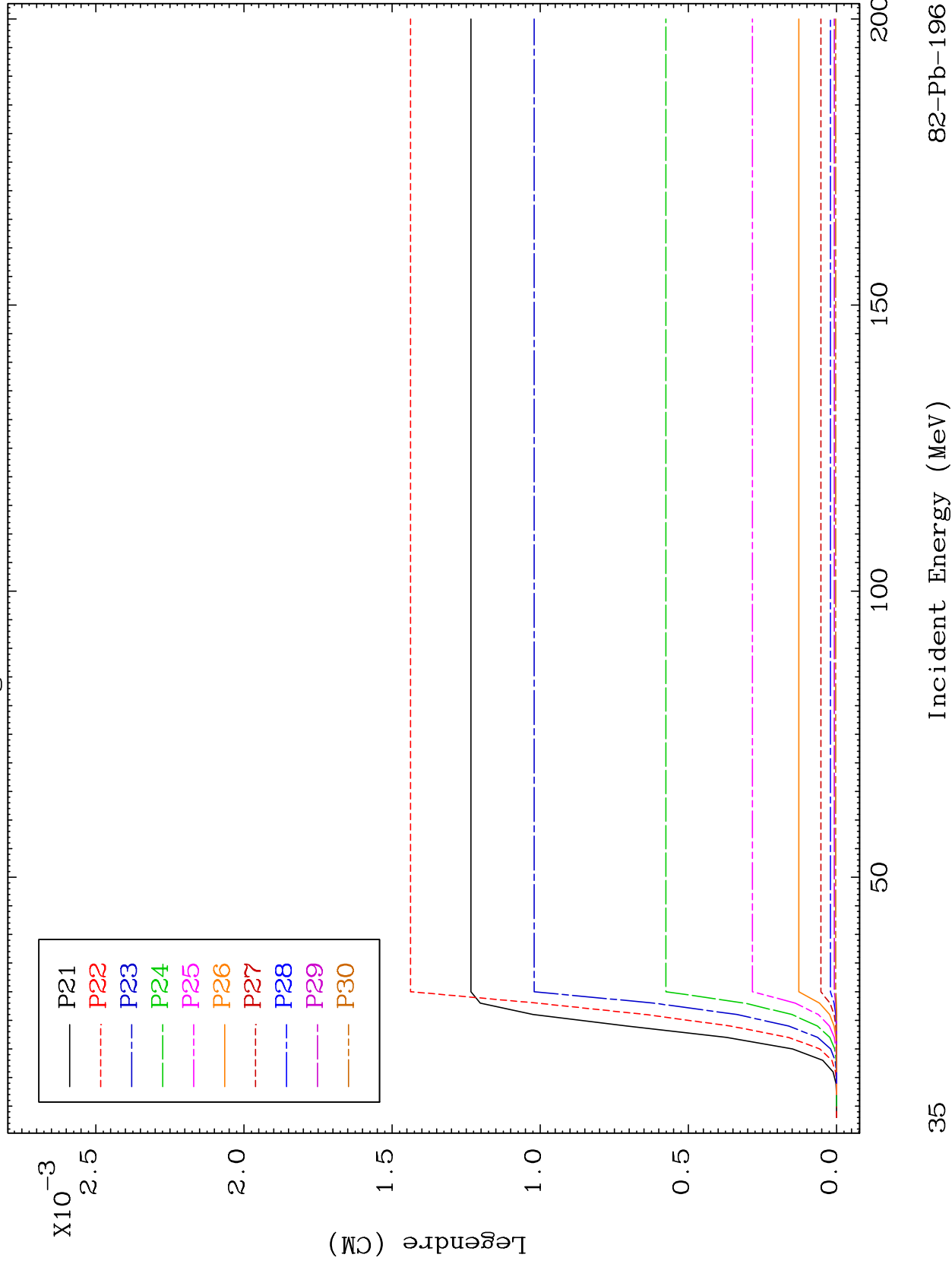




MAT 8201

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

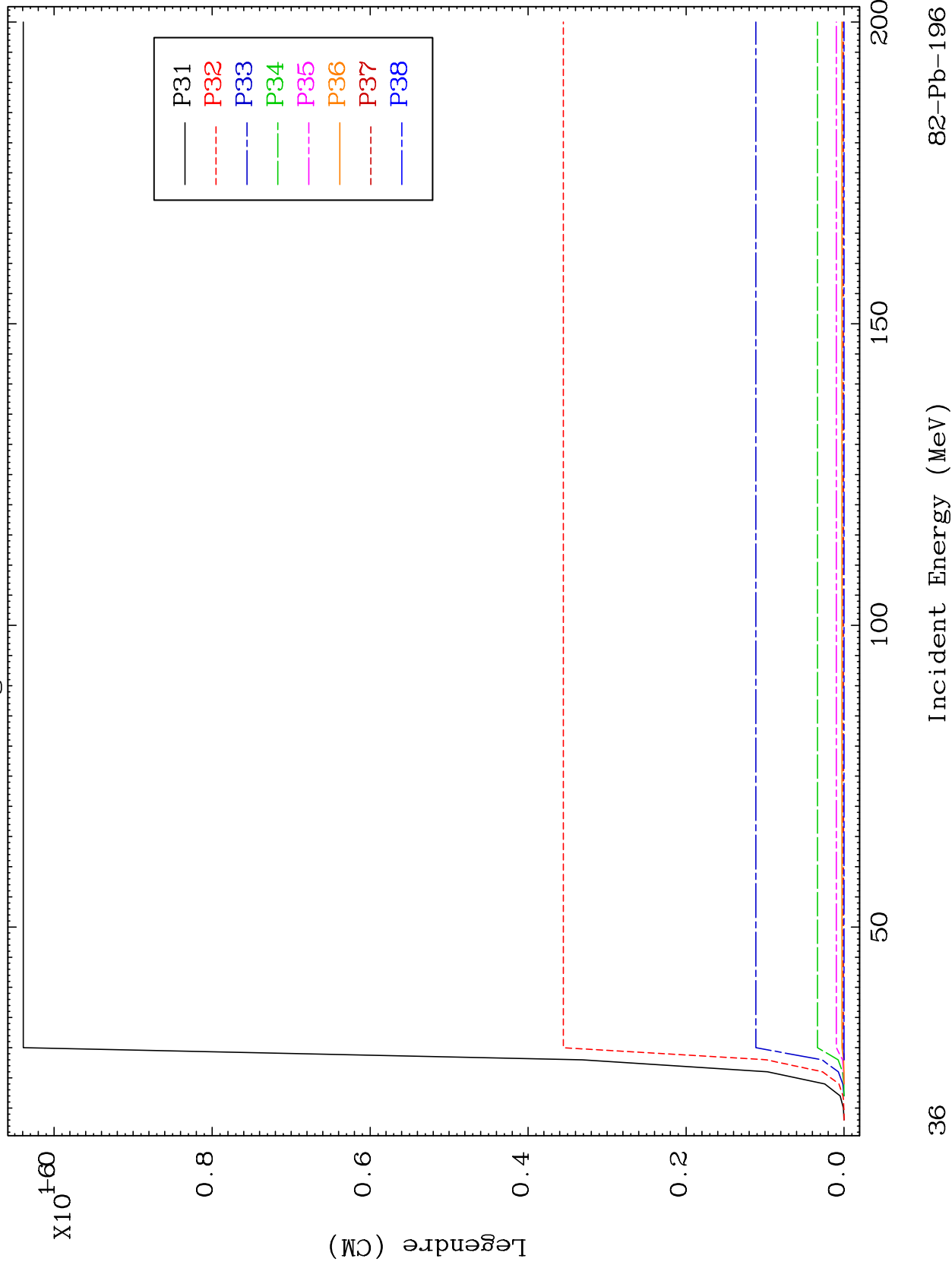
82-Pb-196



35

Incident Energy (MeV)

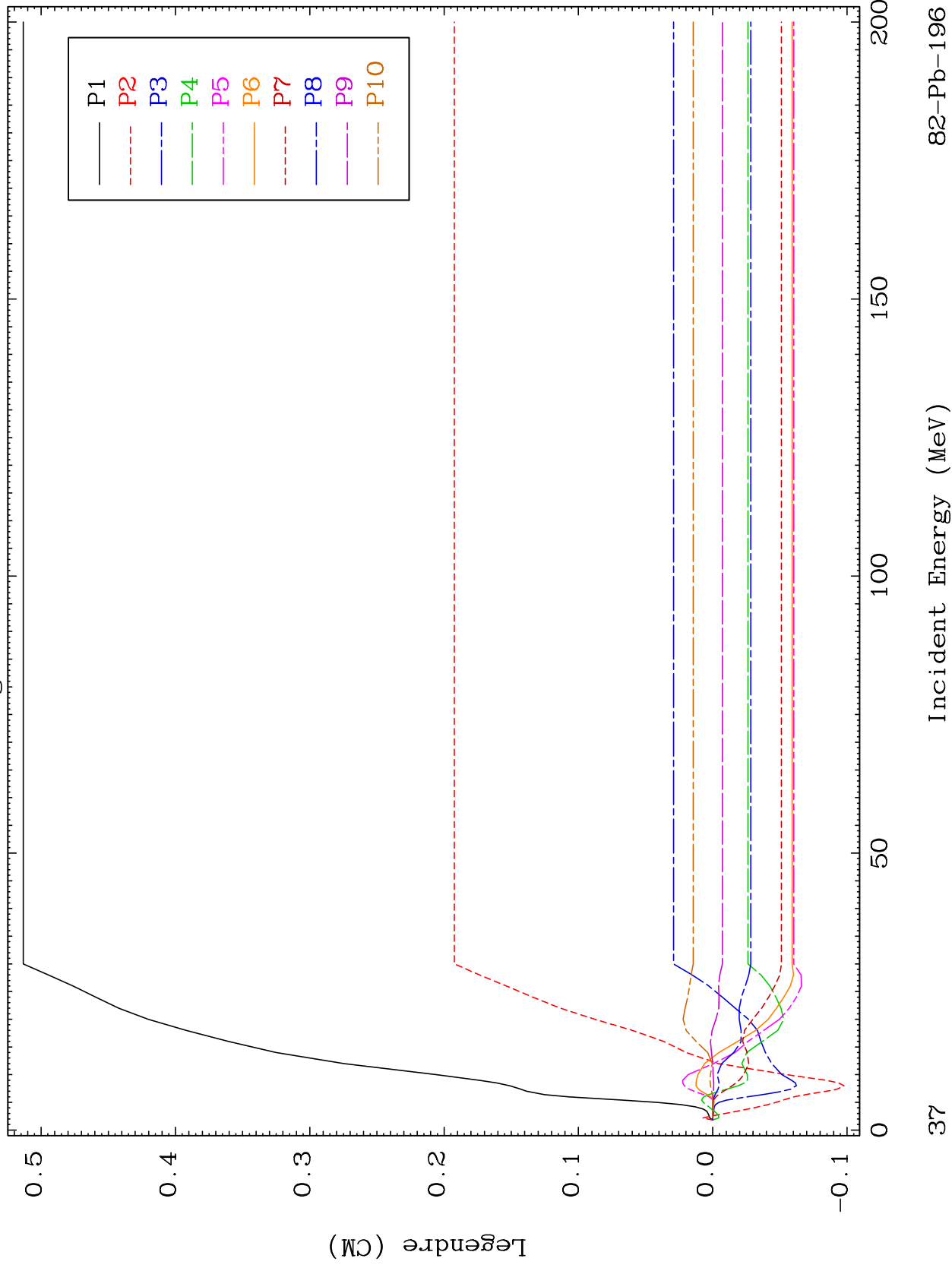
82-Pb-196



MAT 8201

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

82-Pb-196



37

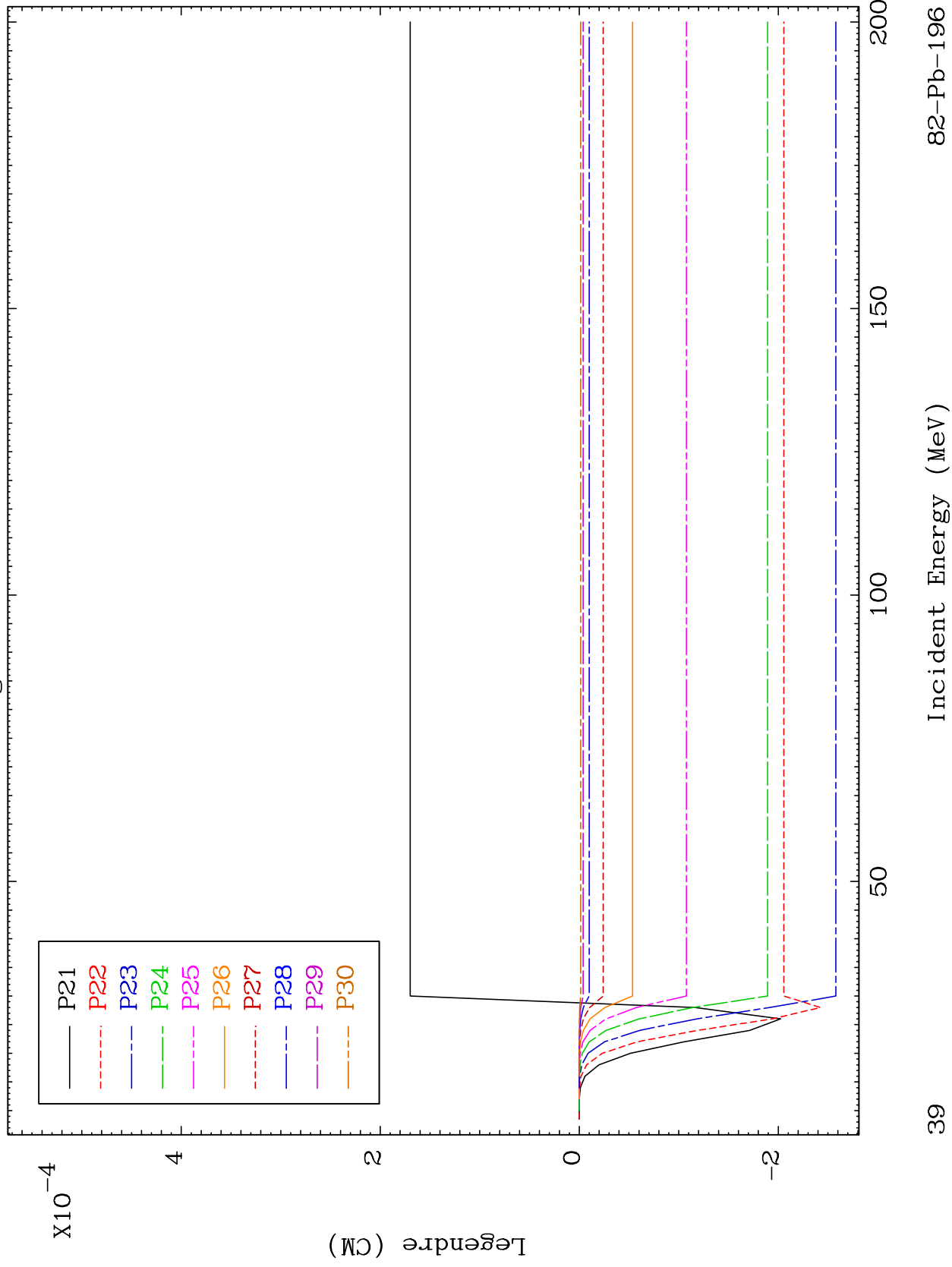
Incident Energy (MeV)

82-Pb-196

MAT 8201

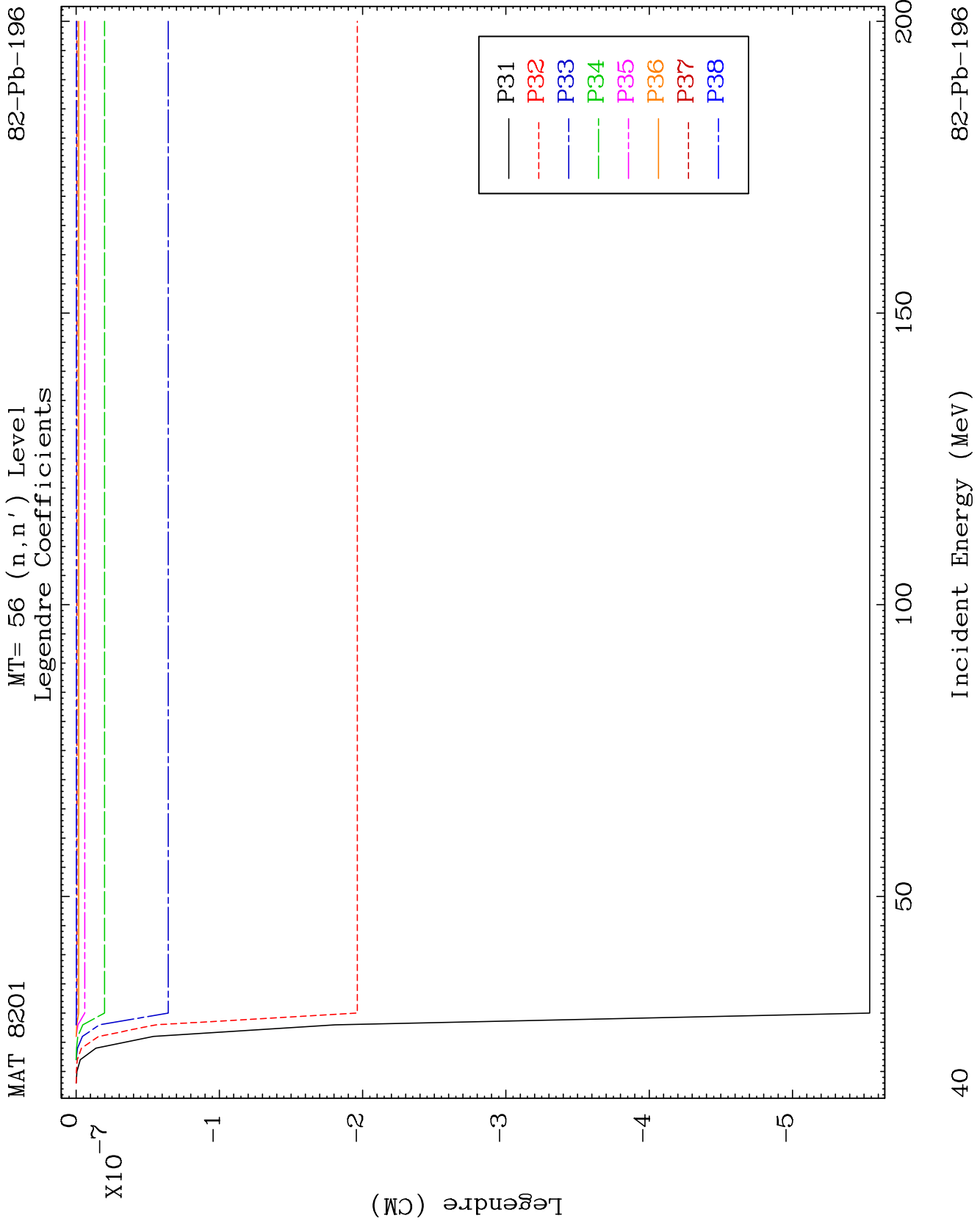
MT= 56 (n,n') Level
Legendre Coefficients

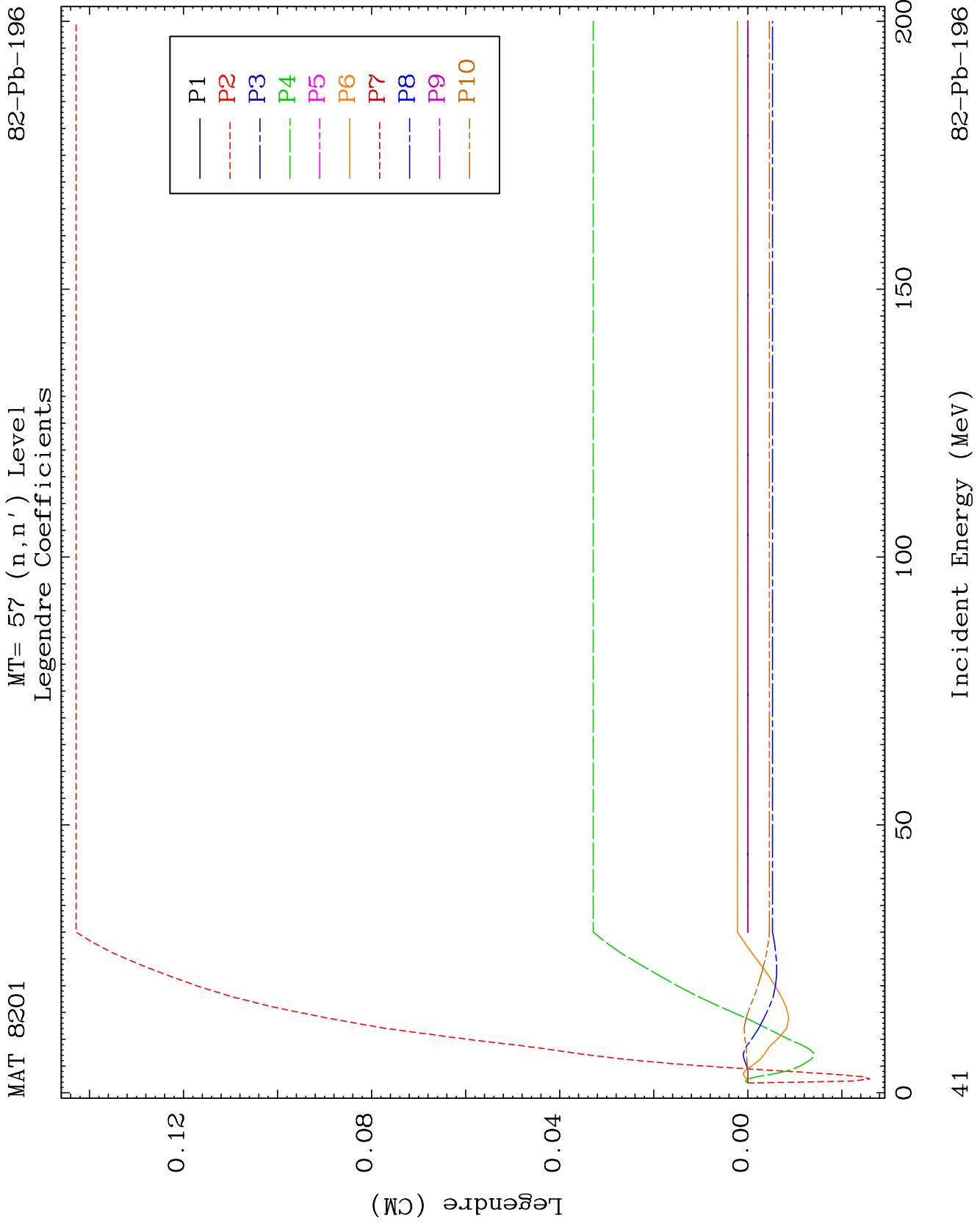
82-Pb-196



39

82-Pb-196



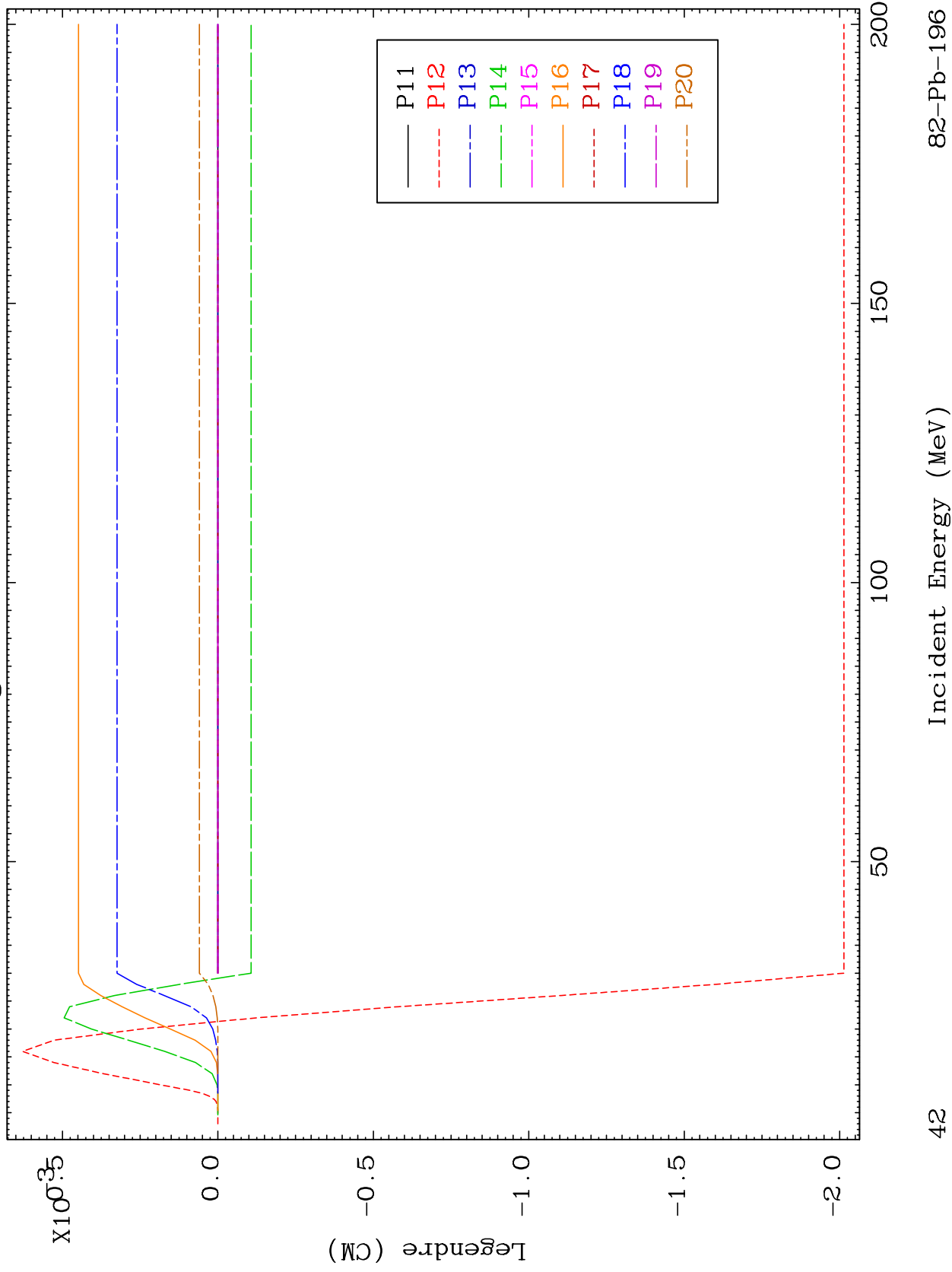


MAT 8201

MT= 57 (n,n') Level

82-Pb-196

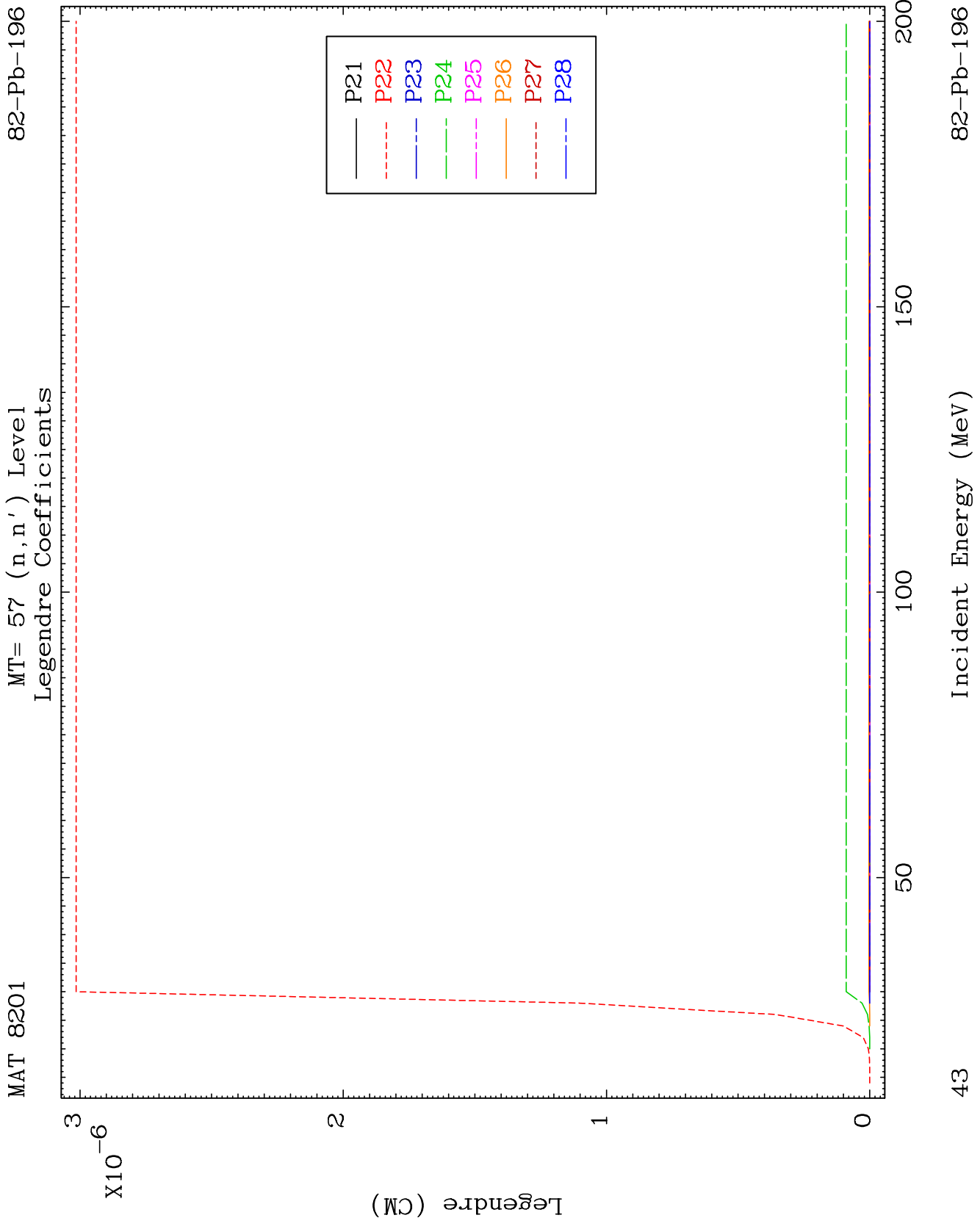
Legendre Coefficients

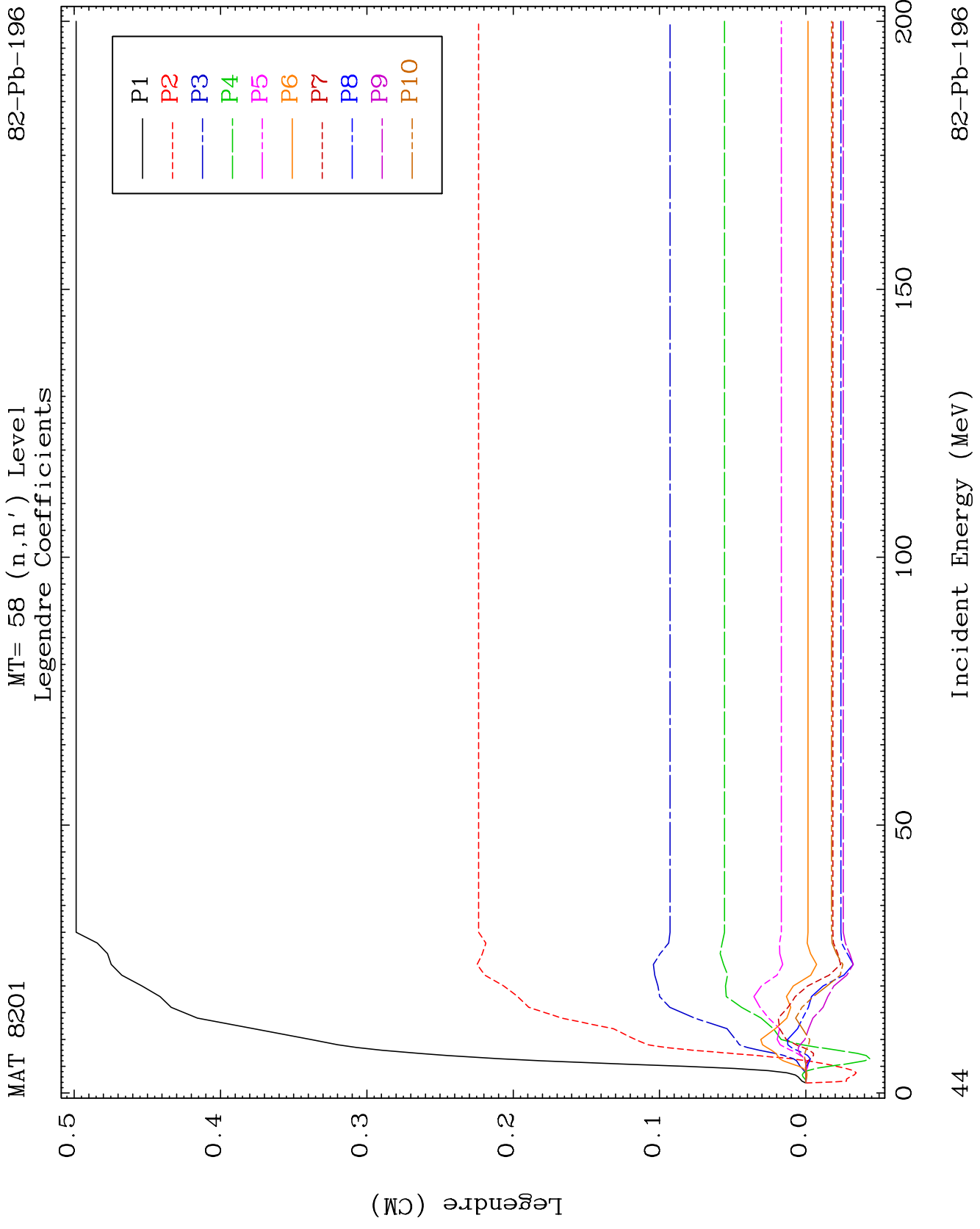


42

Incident Energy (MeV)

82-Pb-196

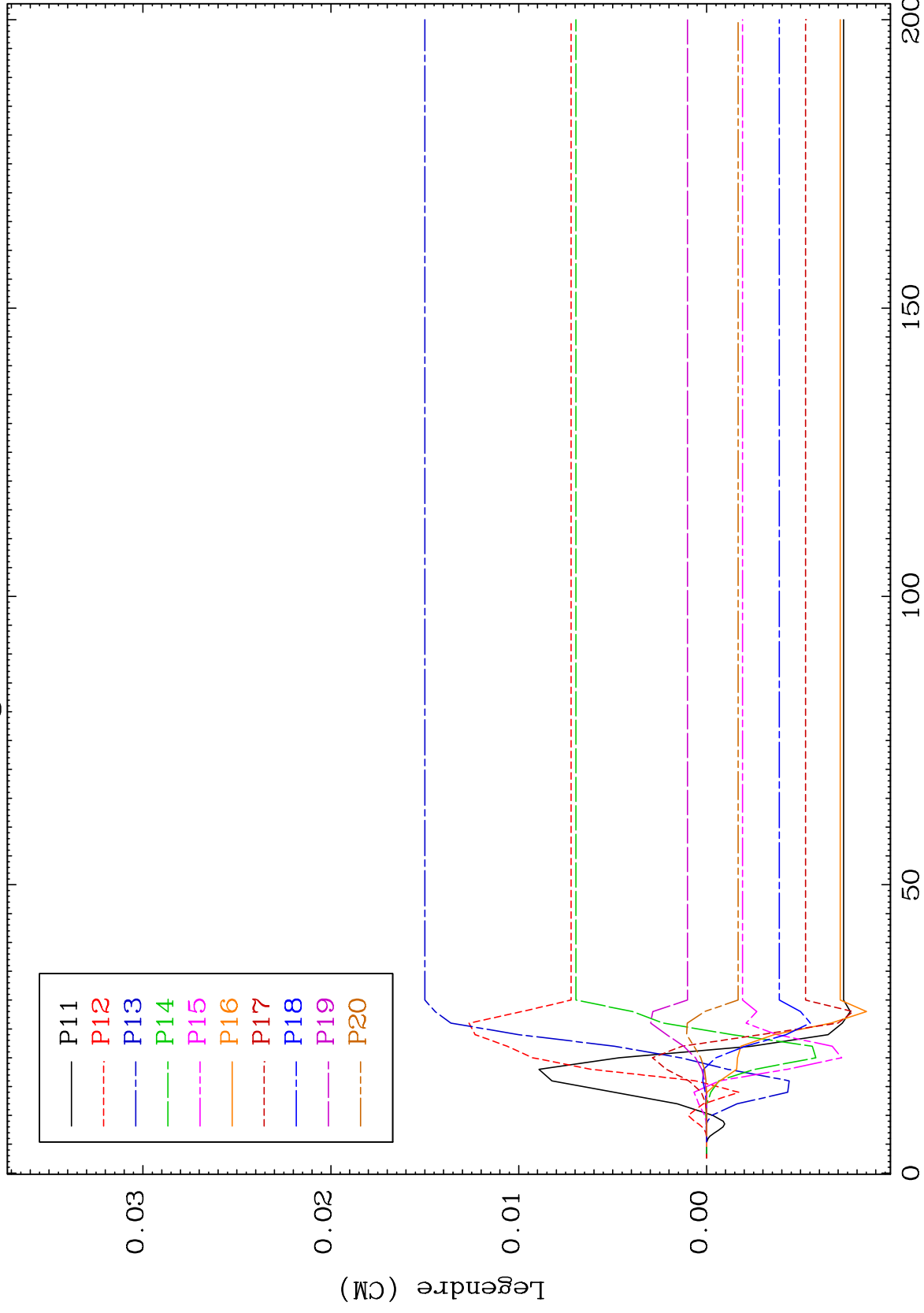




MAT 8201

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

82-Pb-196



45

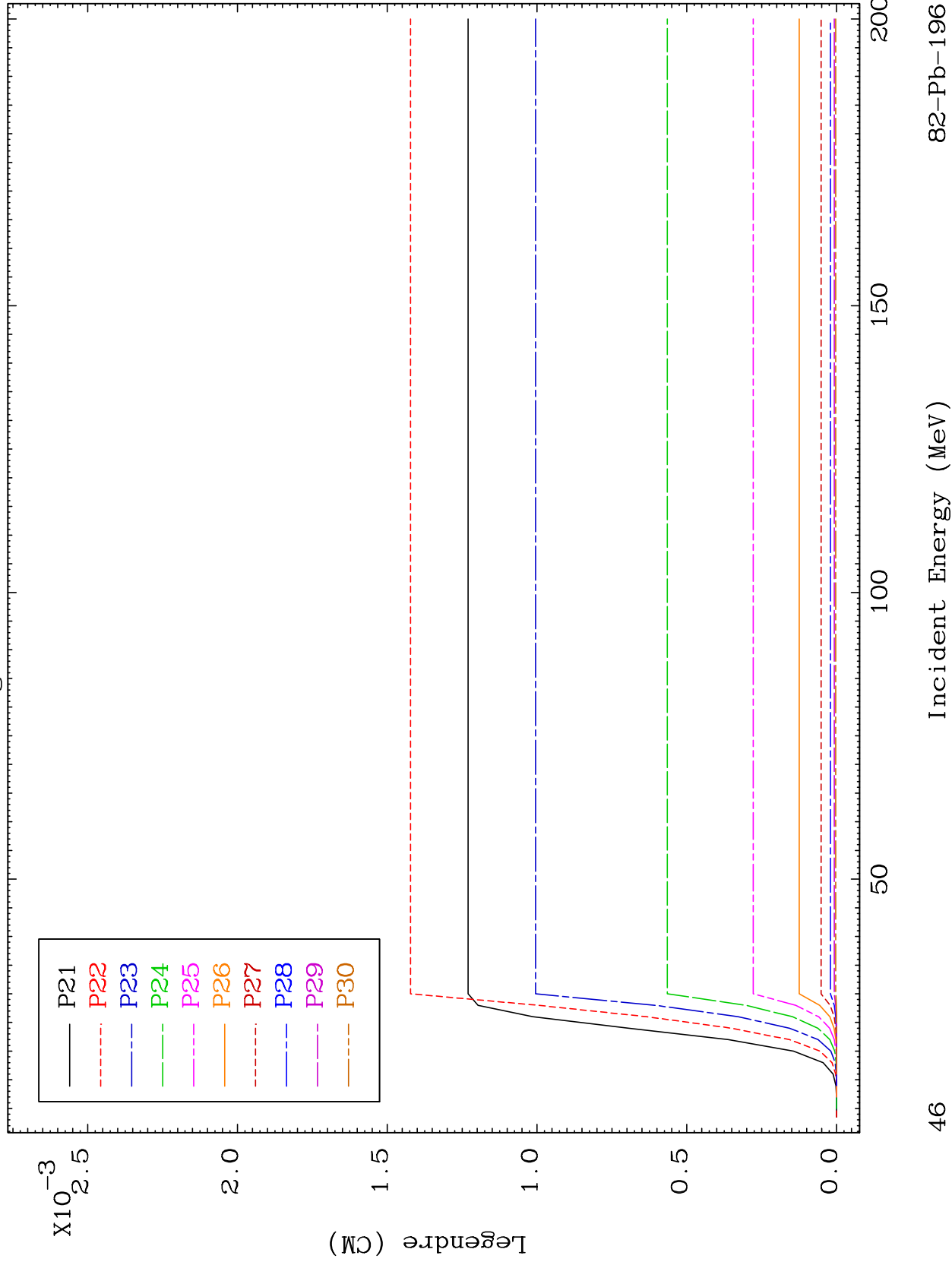
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

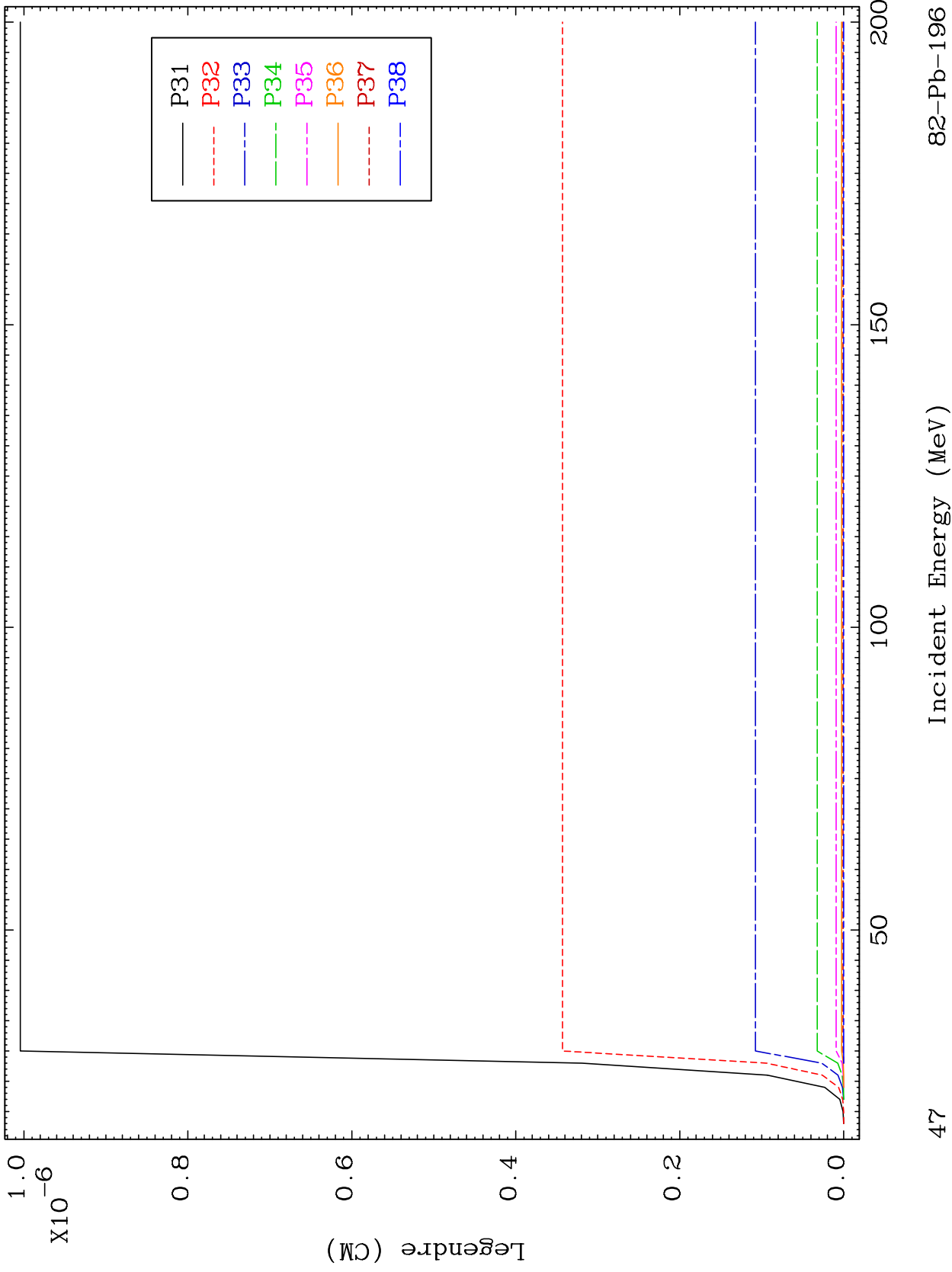
82-Pb-196



46

Incident Energy (MeV)

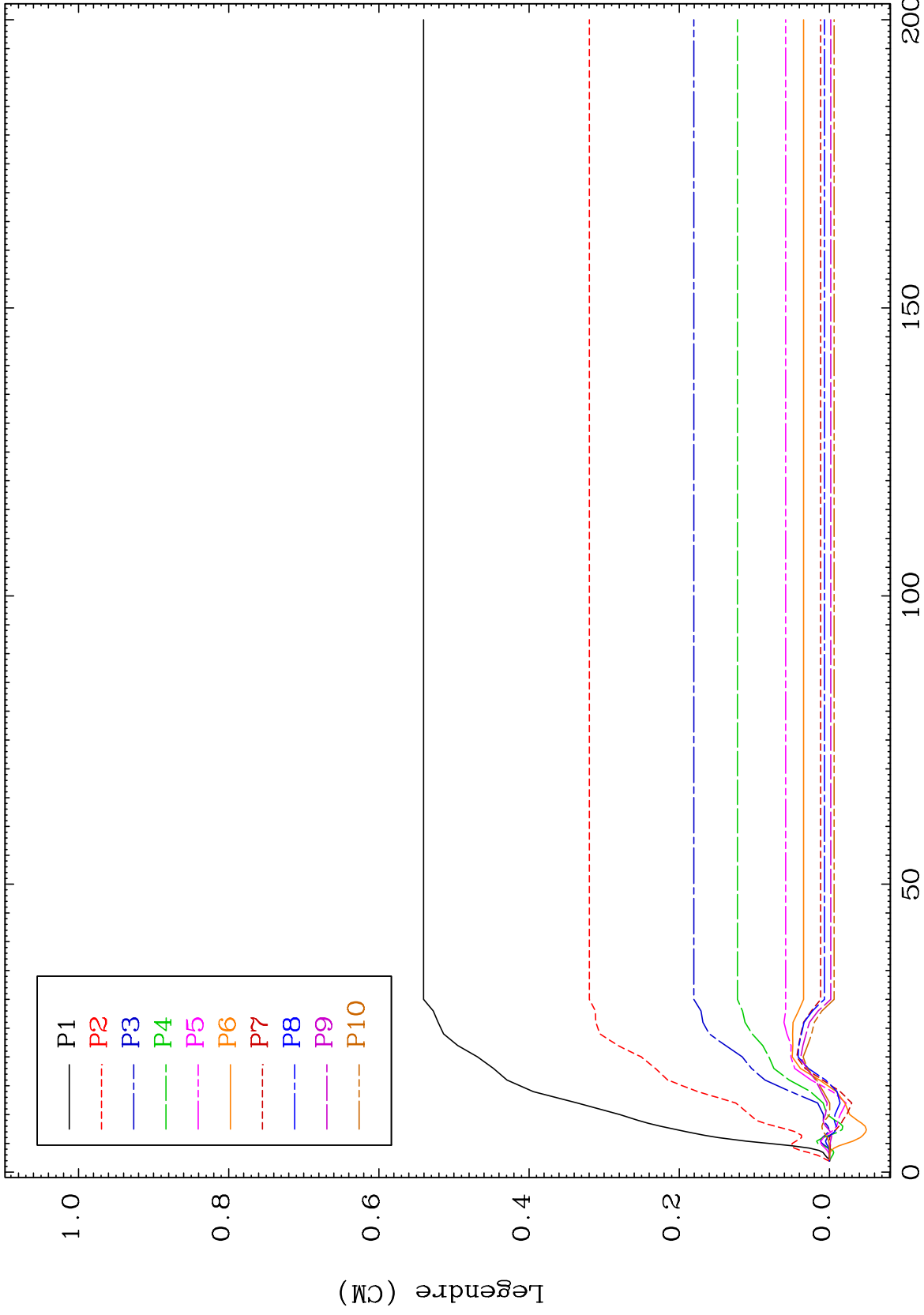
82-Pb-196



MAT 8201

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

82-Pb-196



48

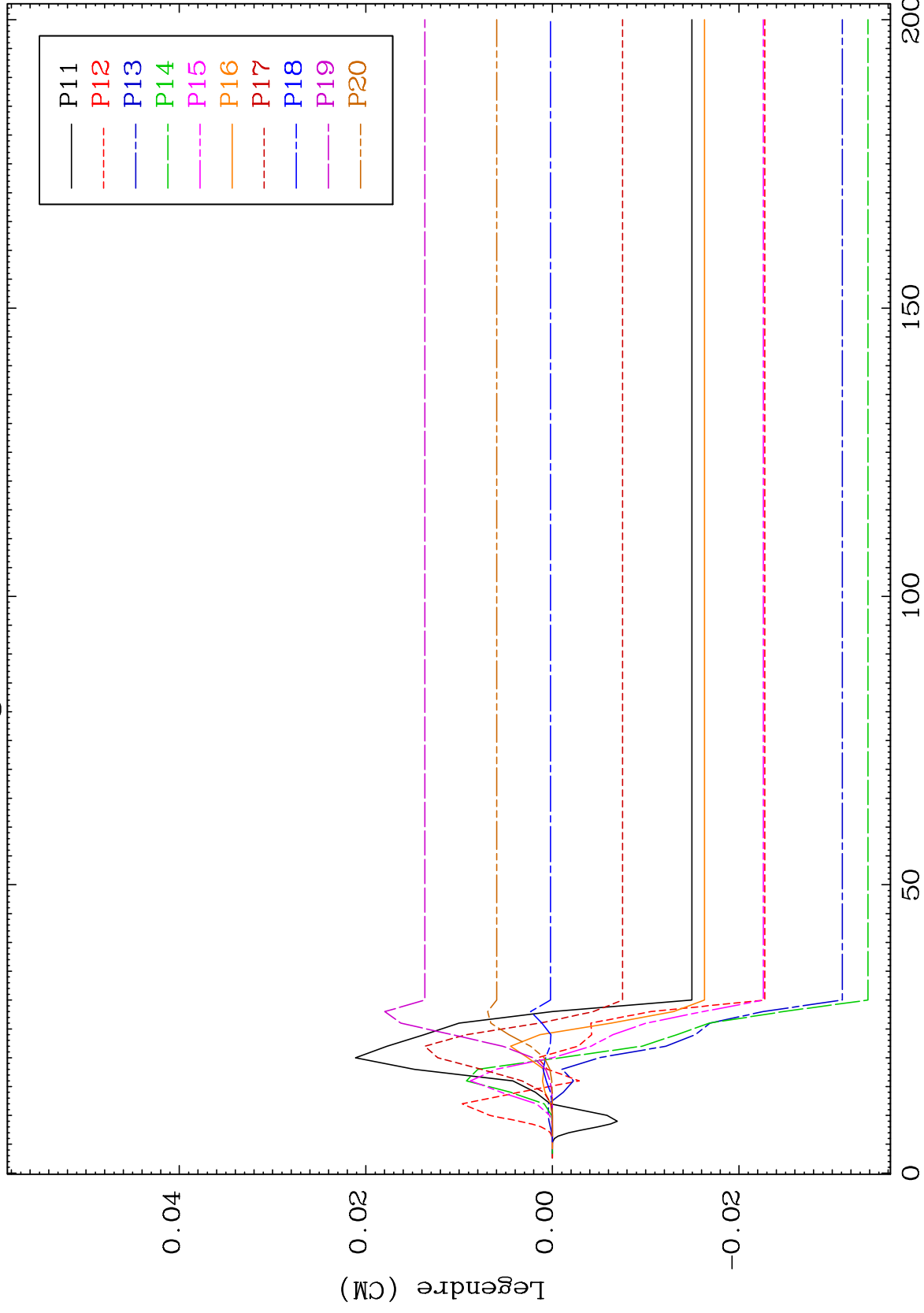
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



49

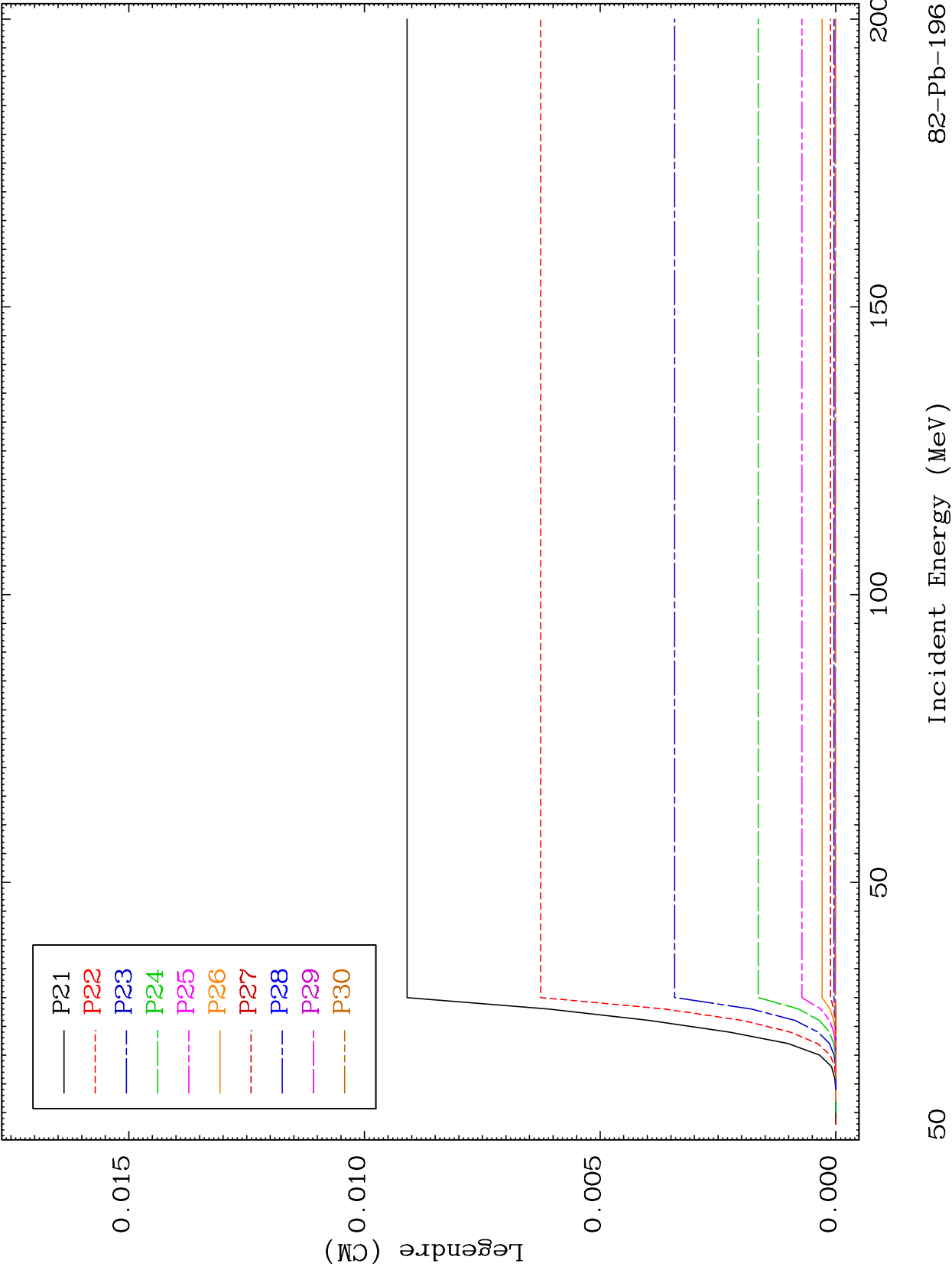
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



50

50

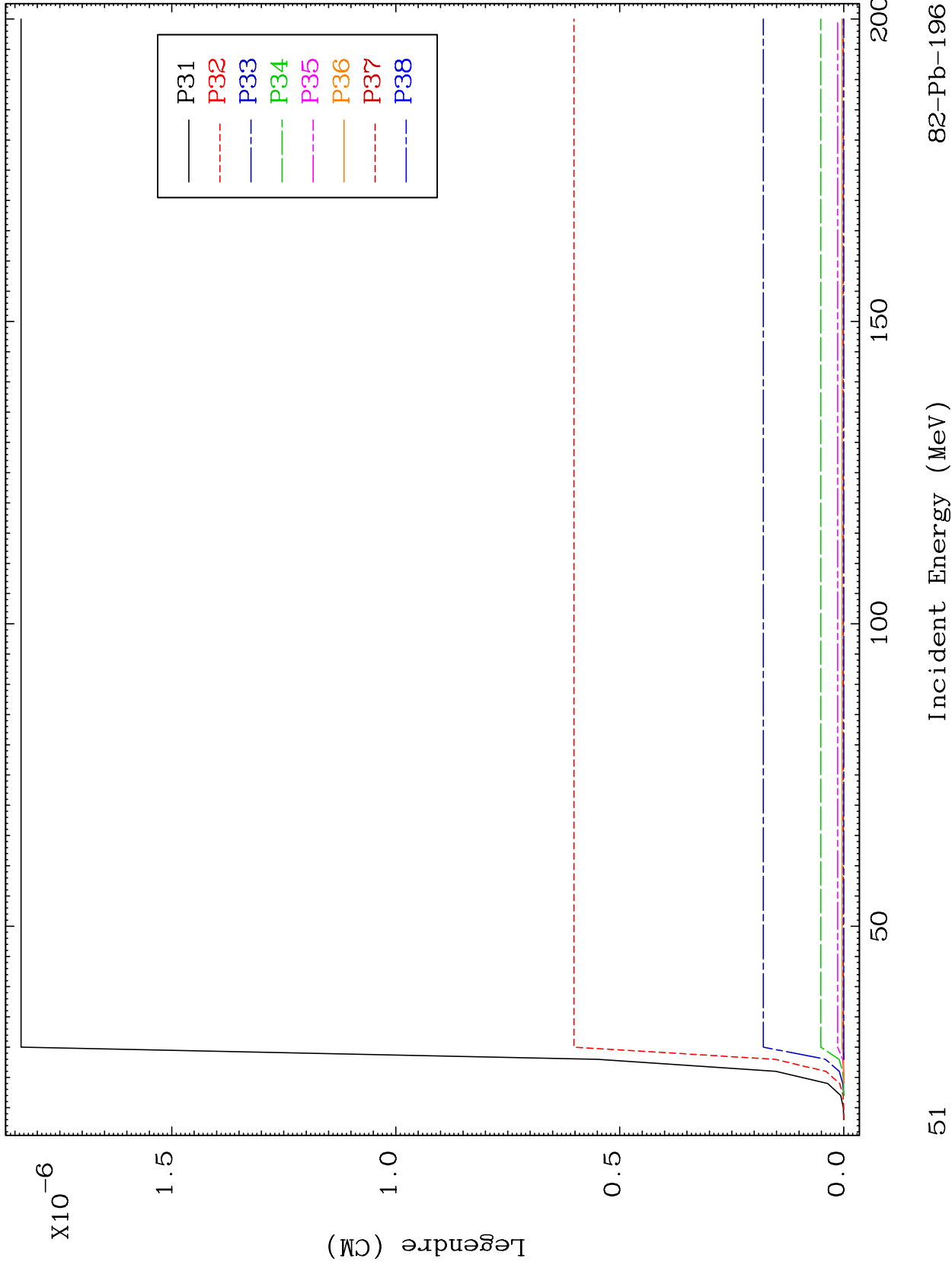
100

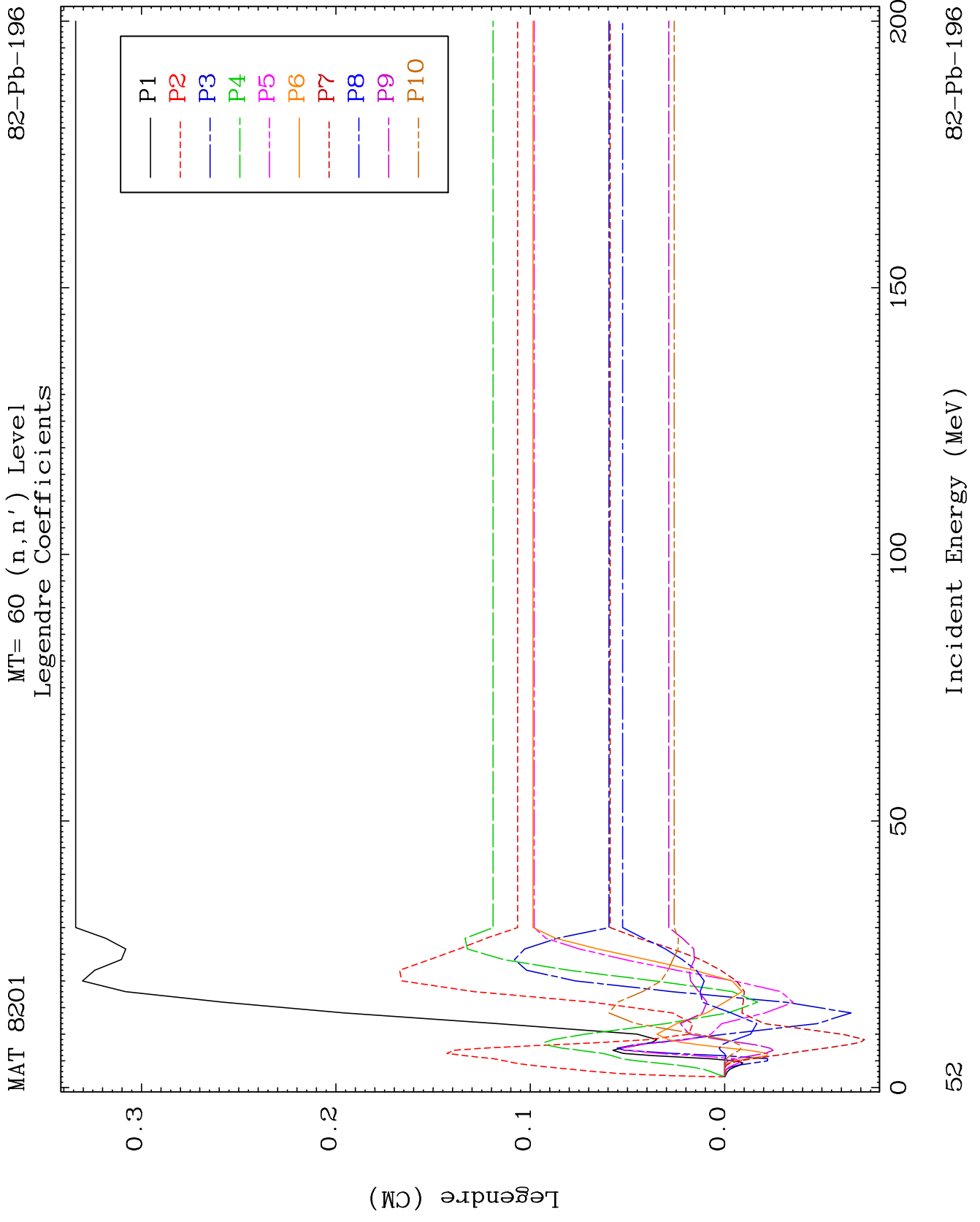
150

200

82-Pb-196

Incident Energy (MeV)

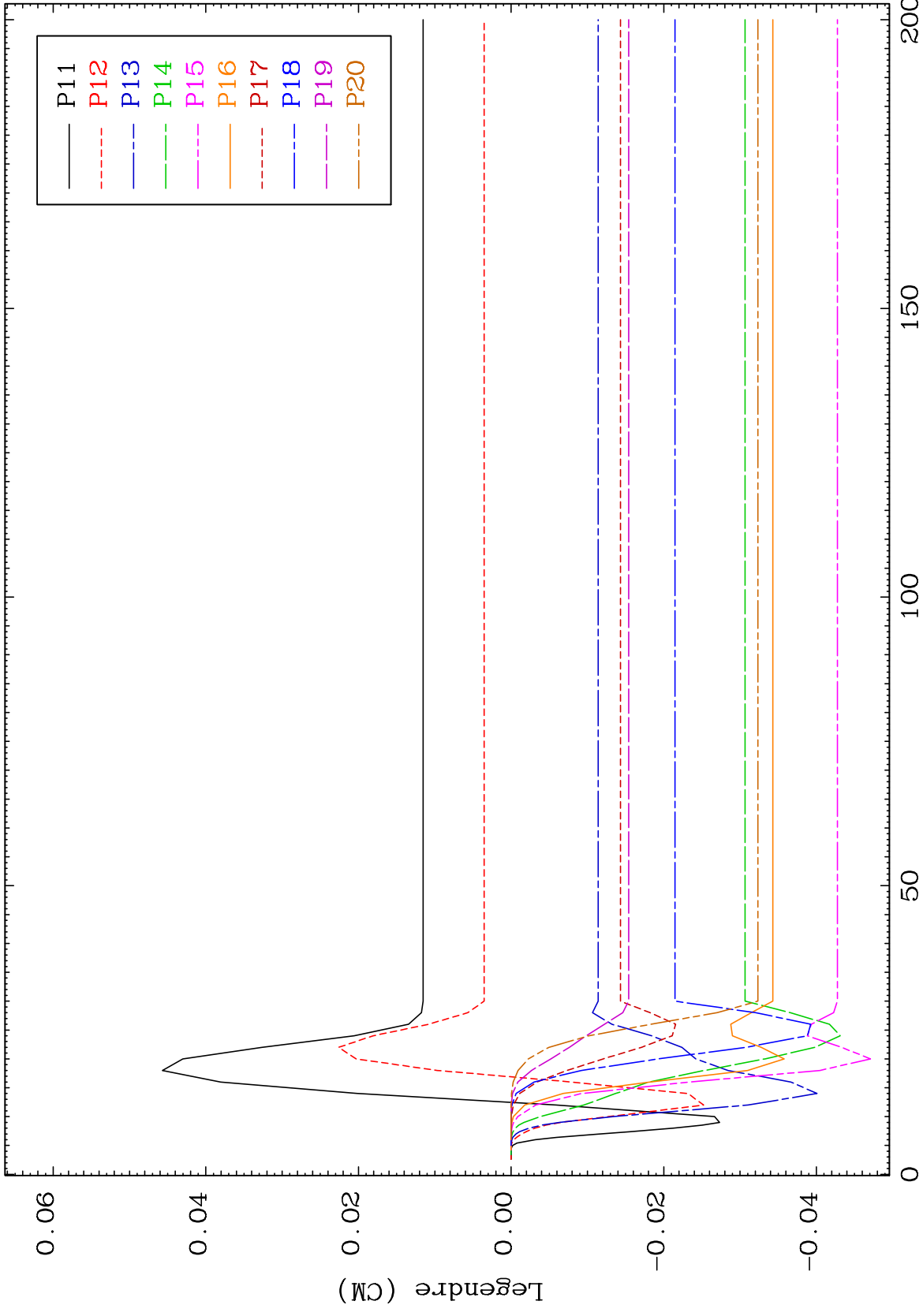




MAT 8201

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

82-Pb-196



53

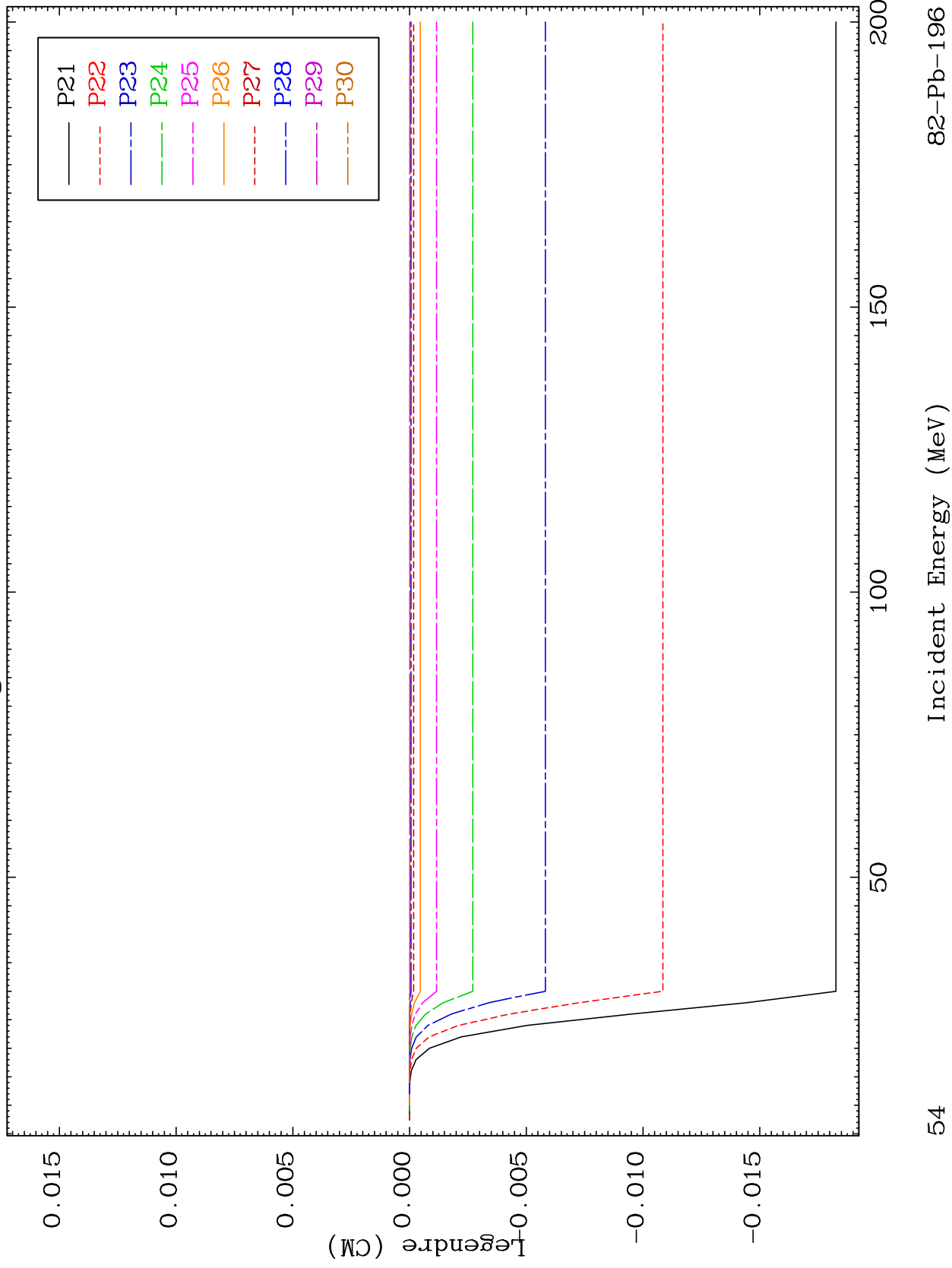
Incident Energy (MeV)

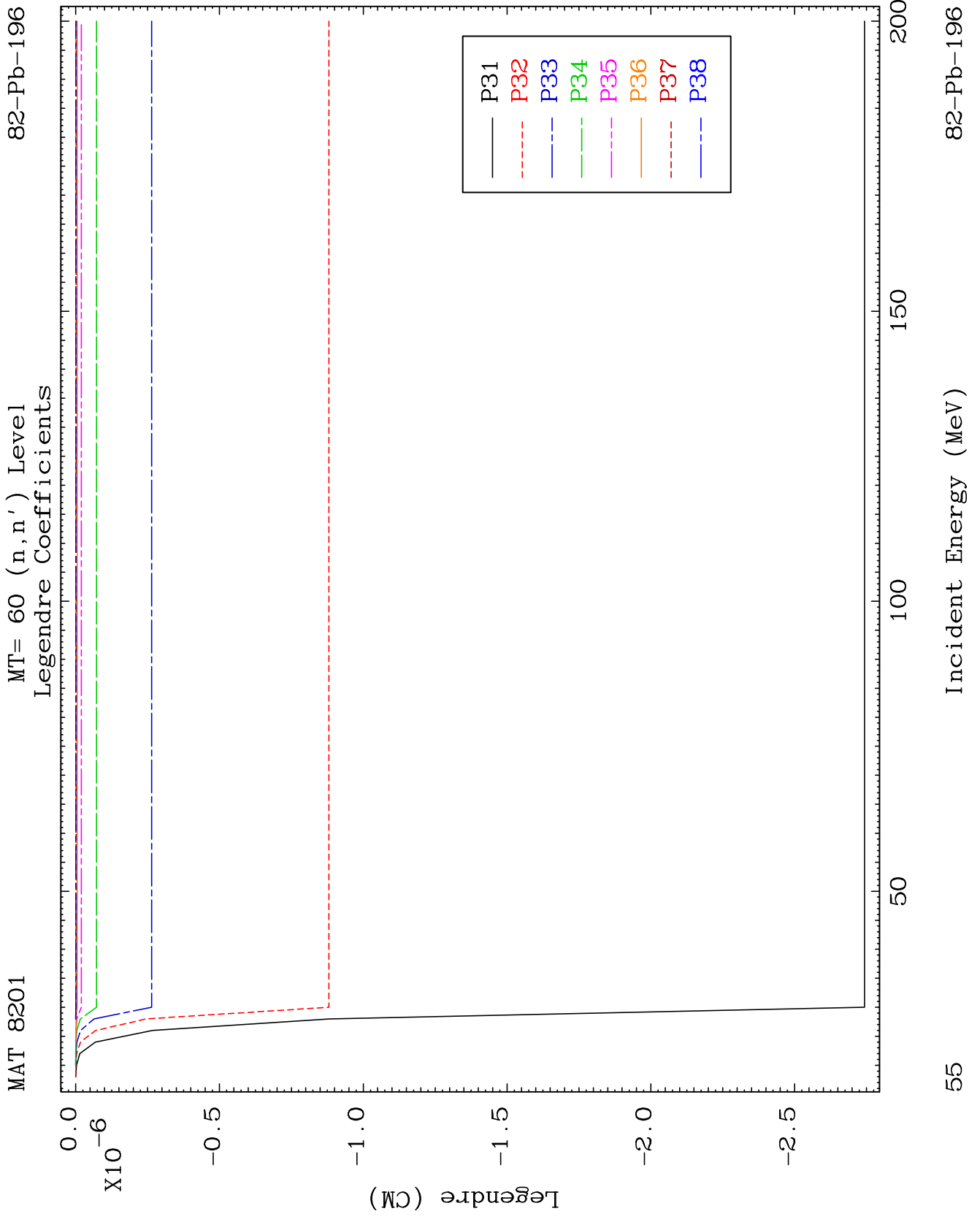
82-Pb-196

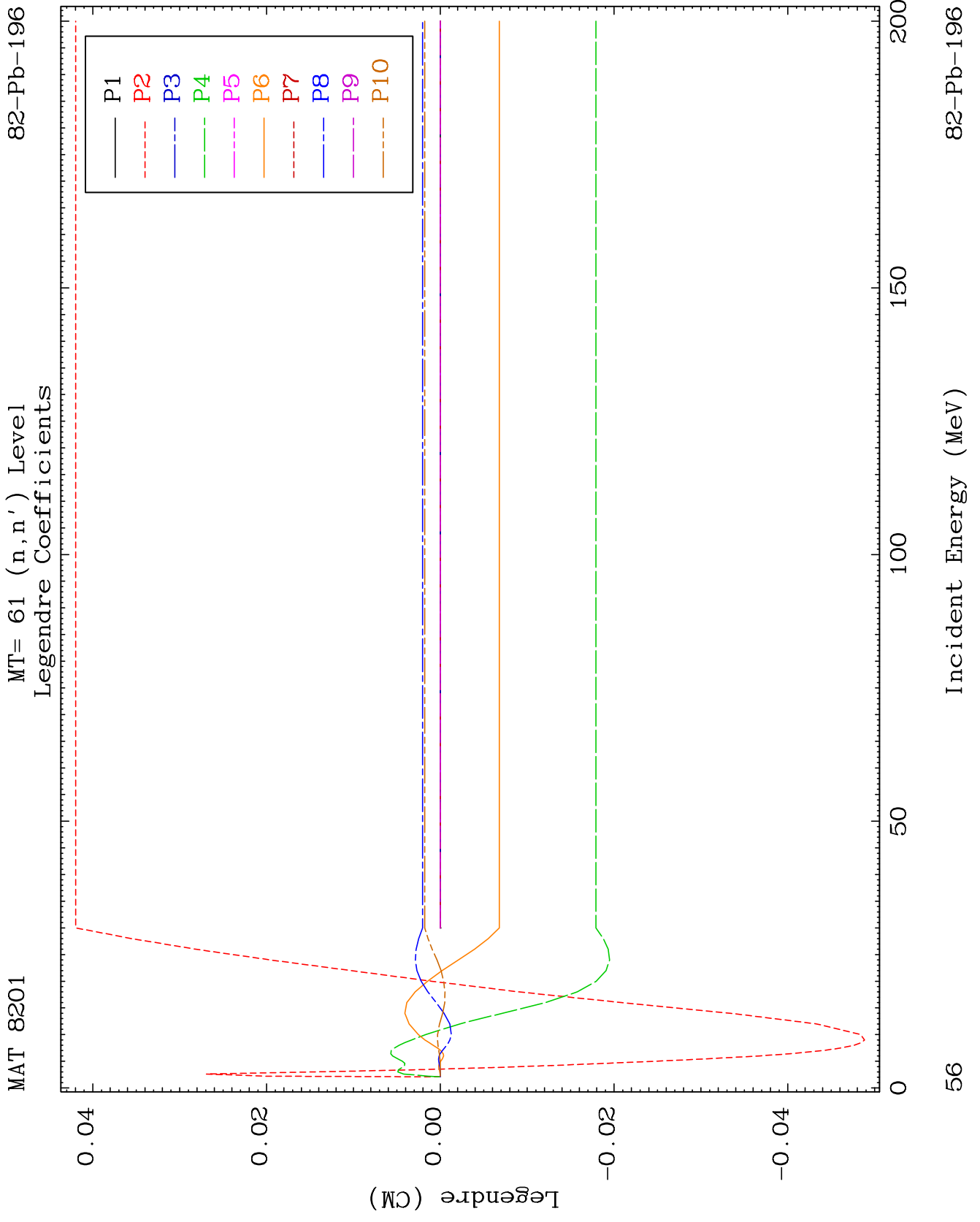
MAT 8201

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

82-Pb-196



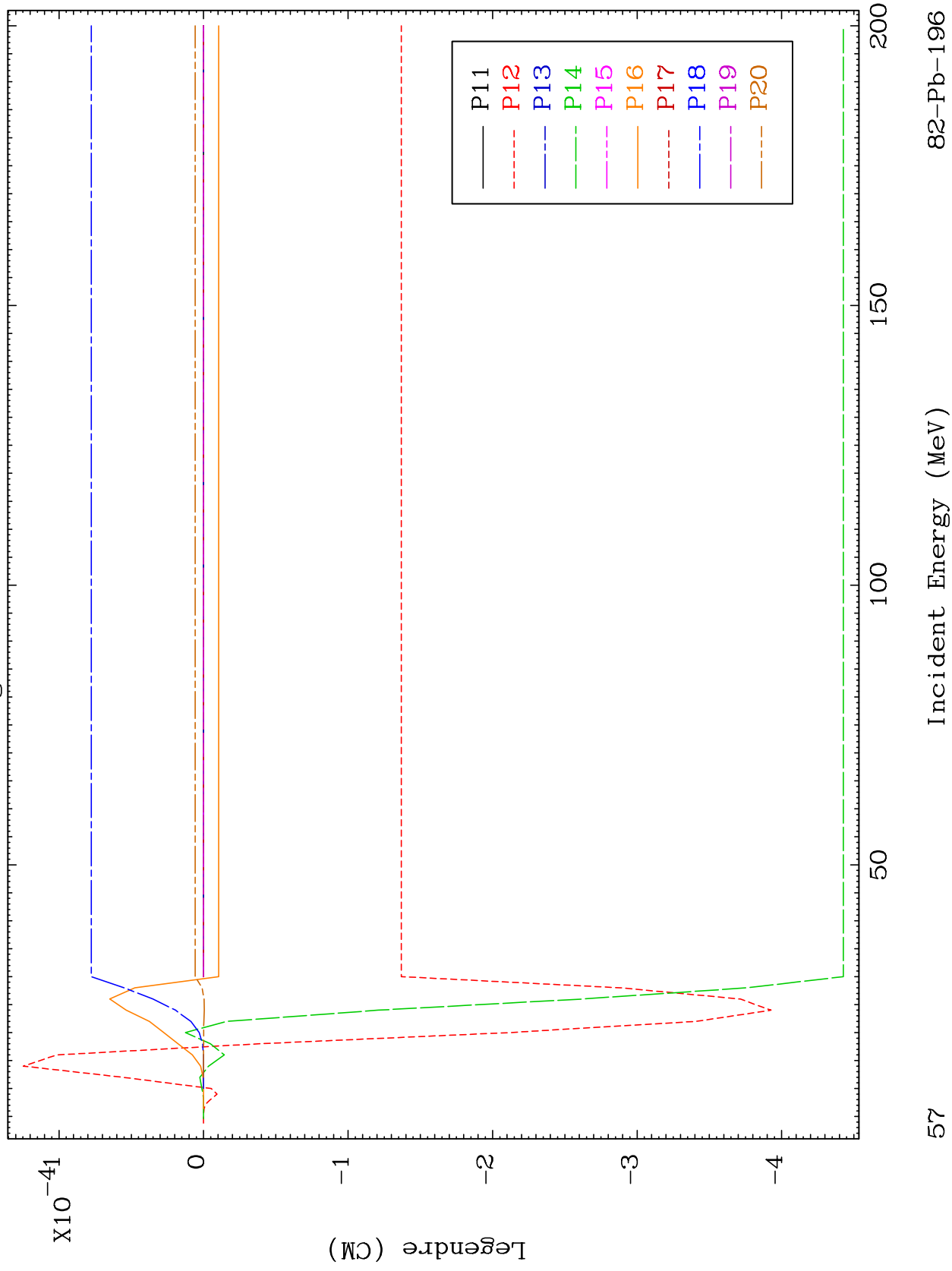


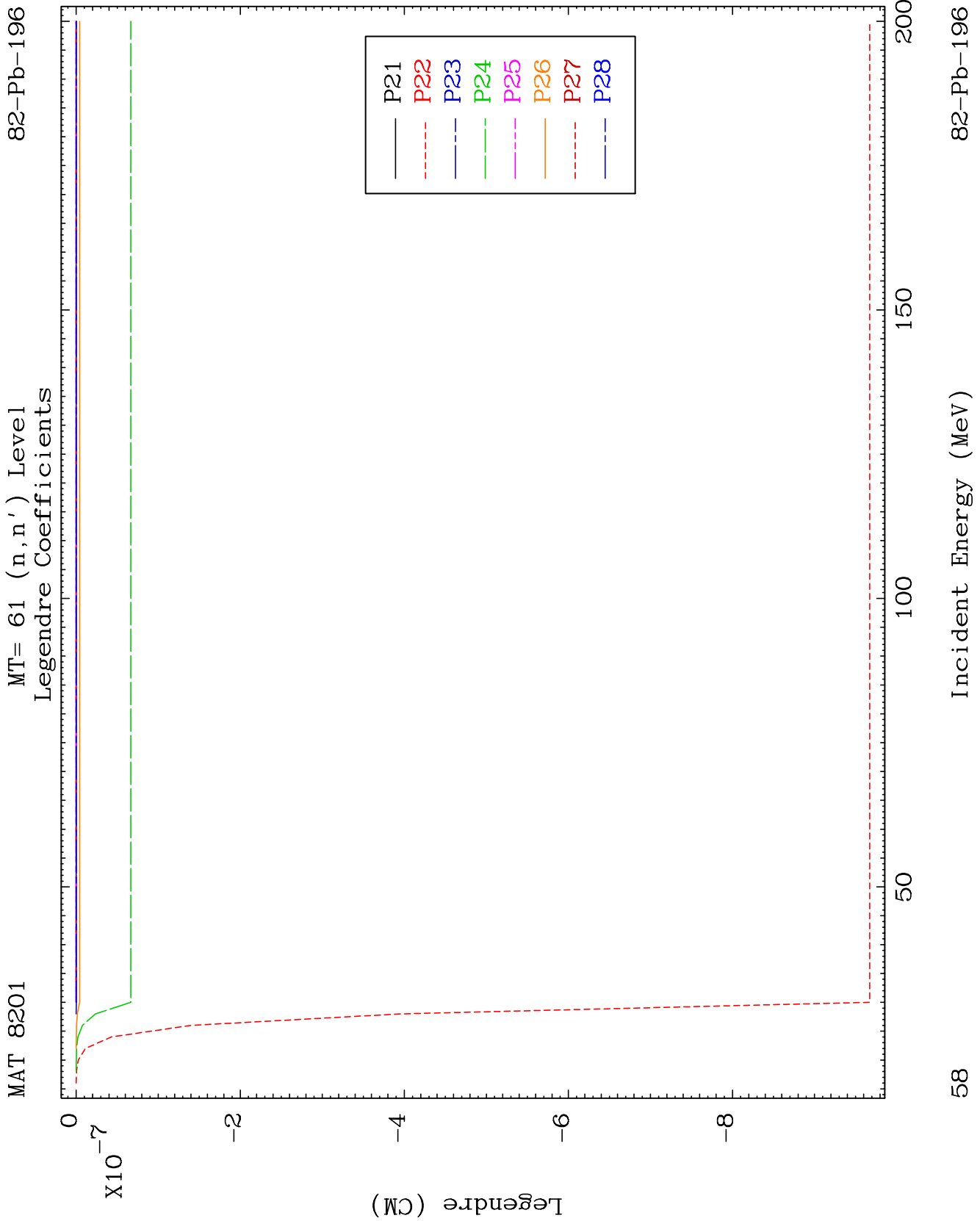


MAT 8201

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

82-Pb-196

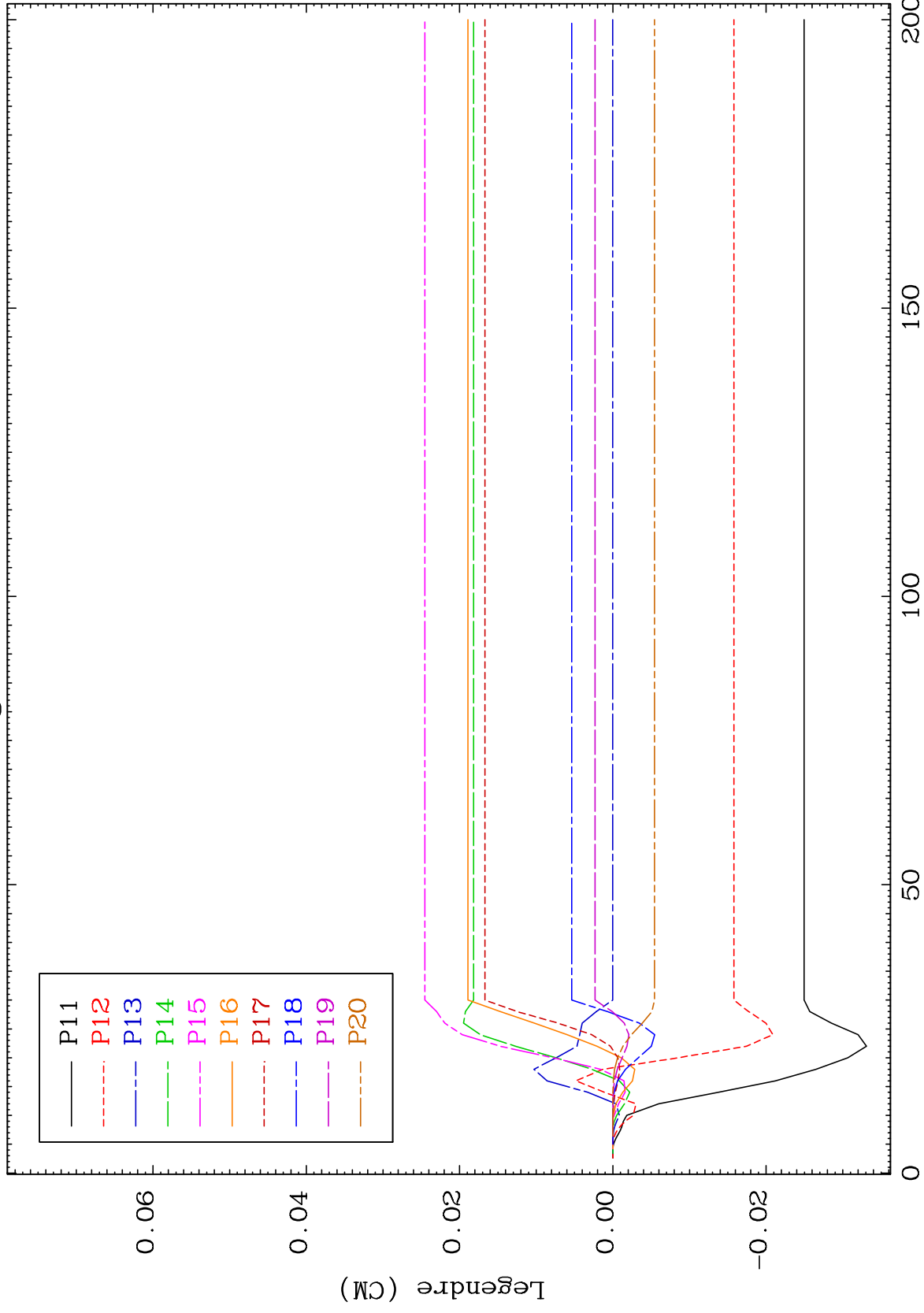




MAT 8201

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

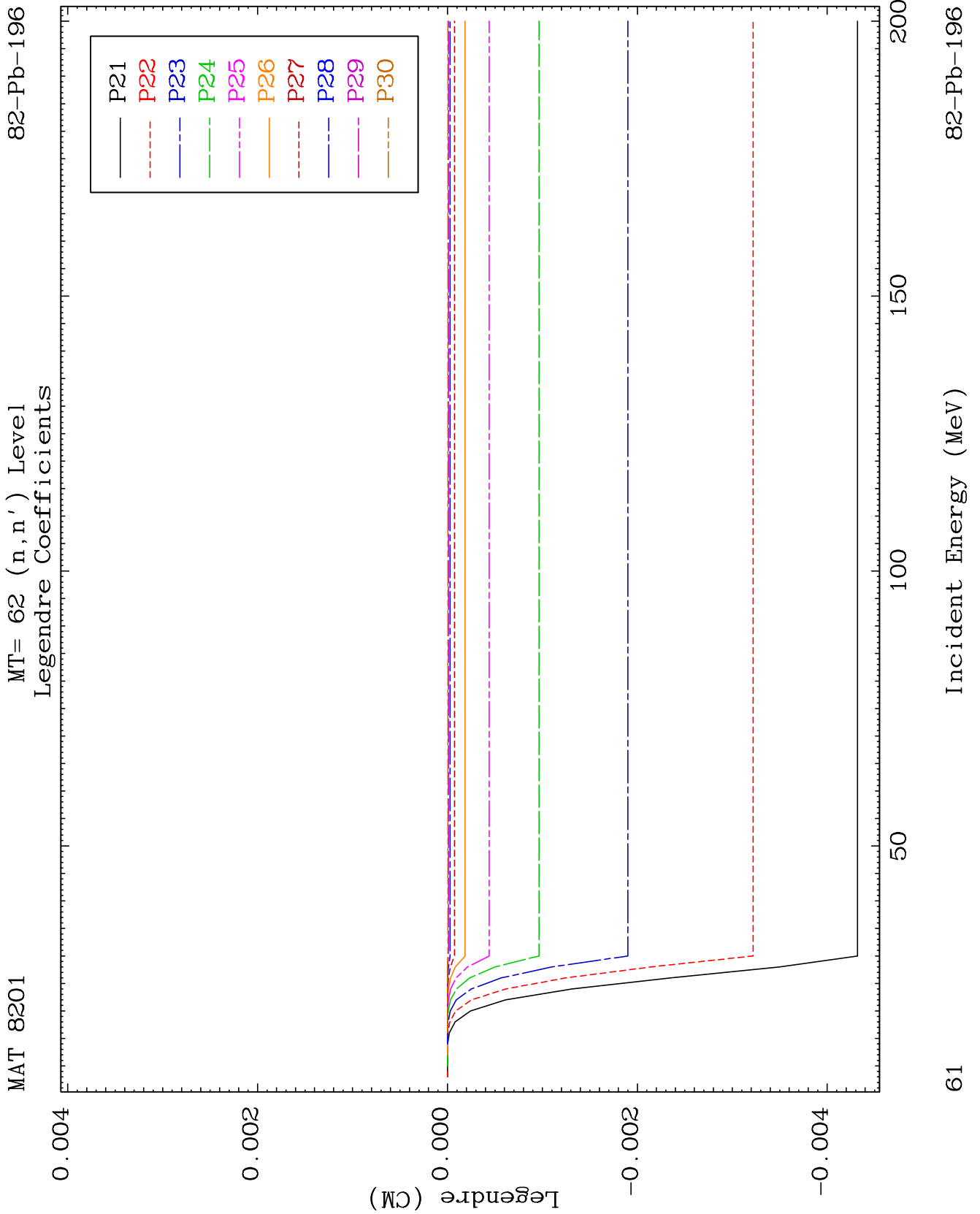
82-Pb-196

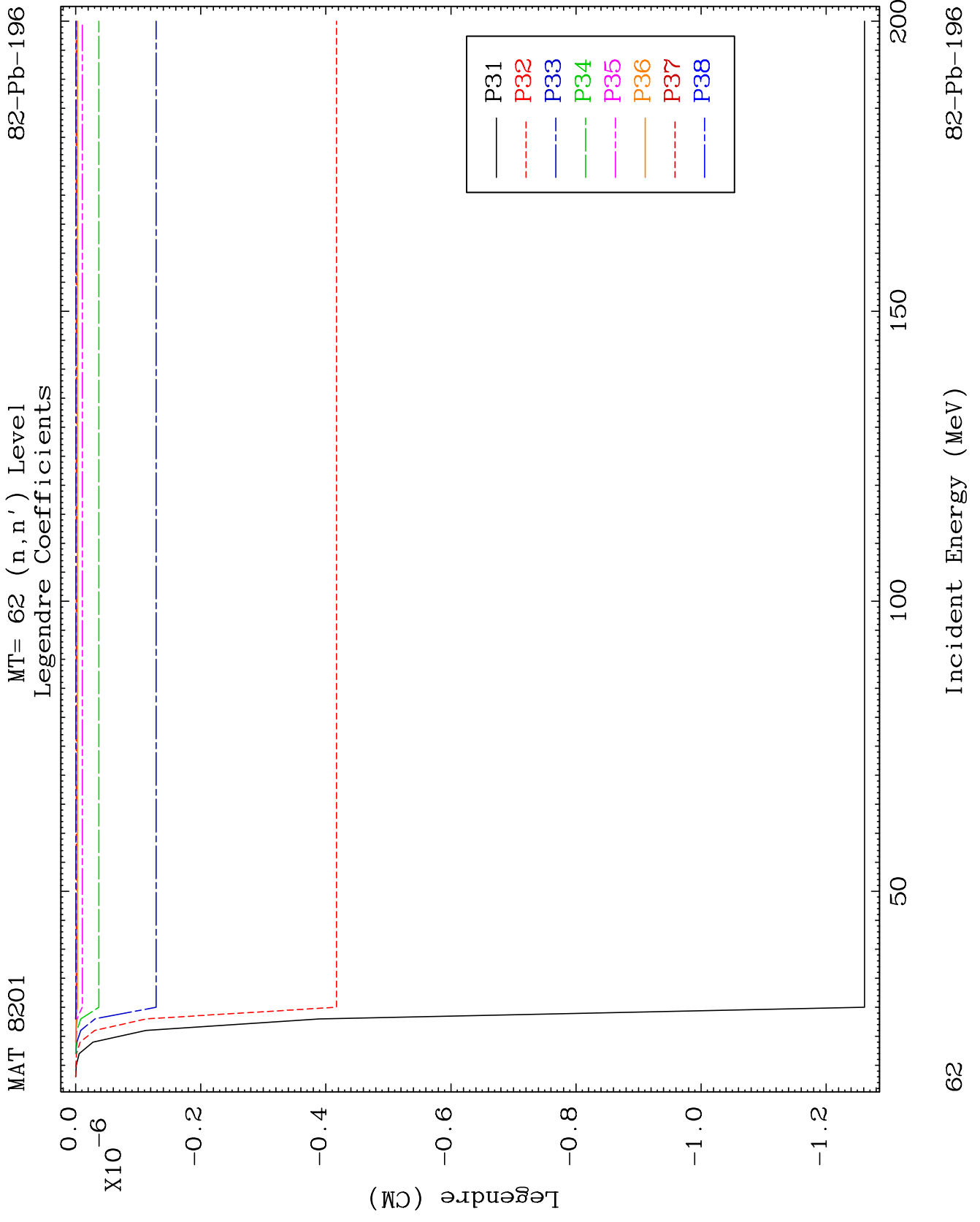


60

Incident Energy (MeV)

82-Pb-196

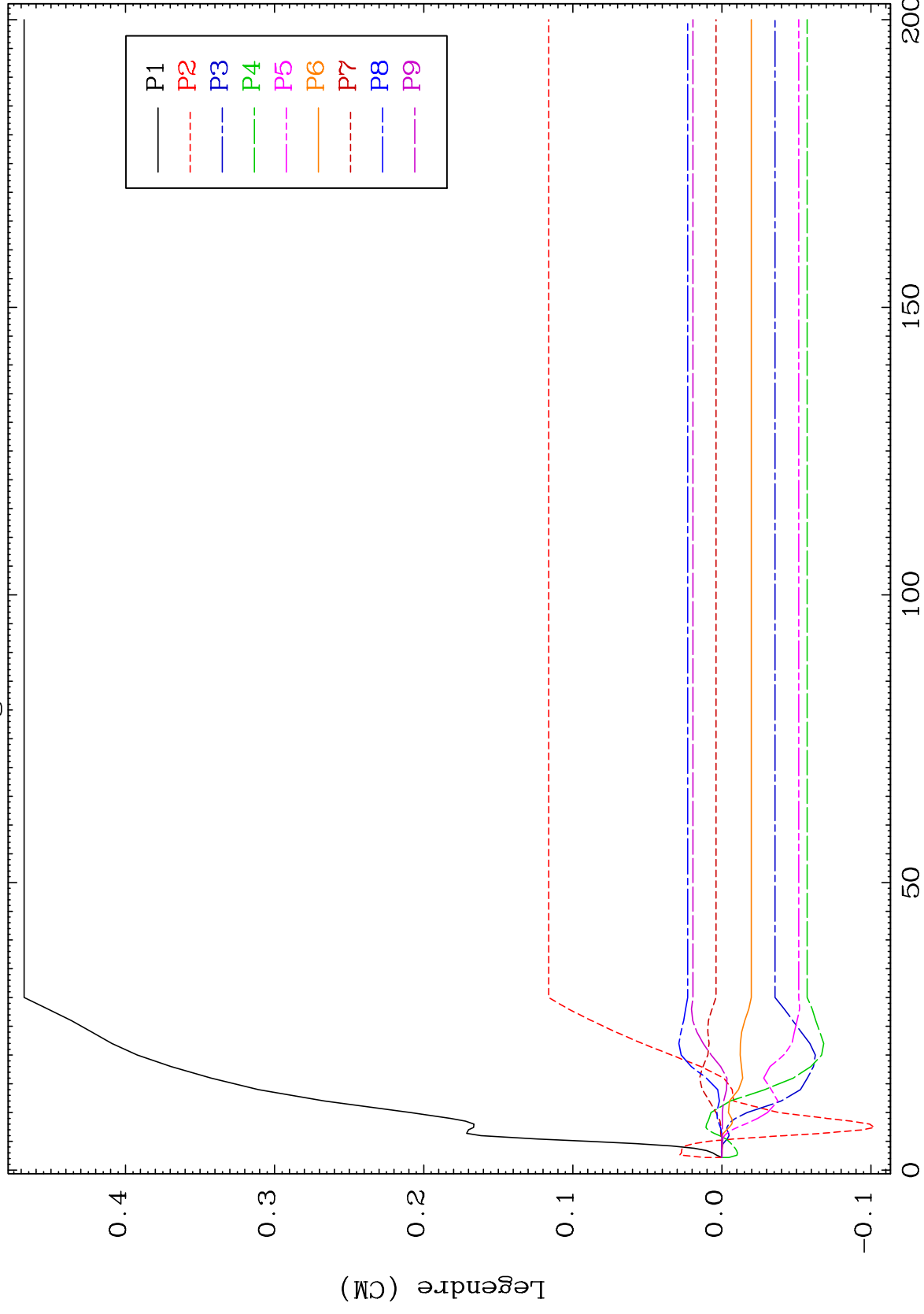




MAT 8201

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

82-Pb-196



63

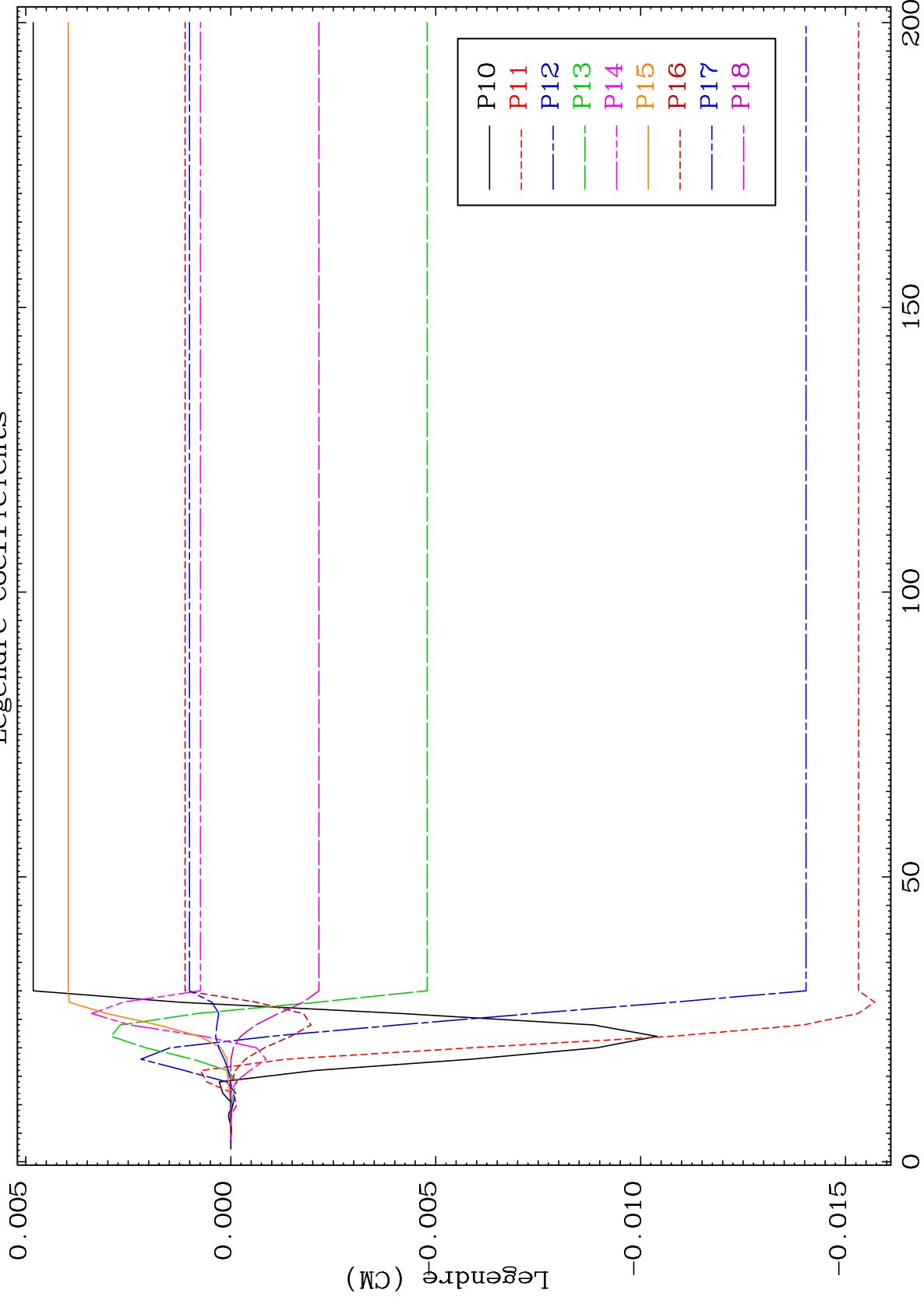
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



64

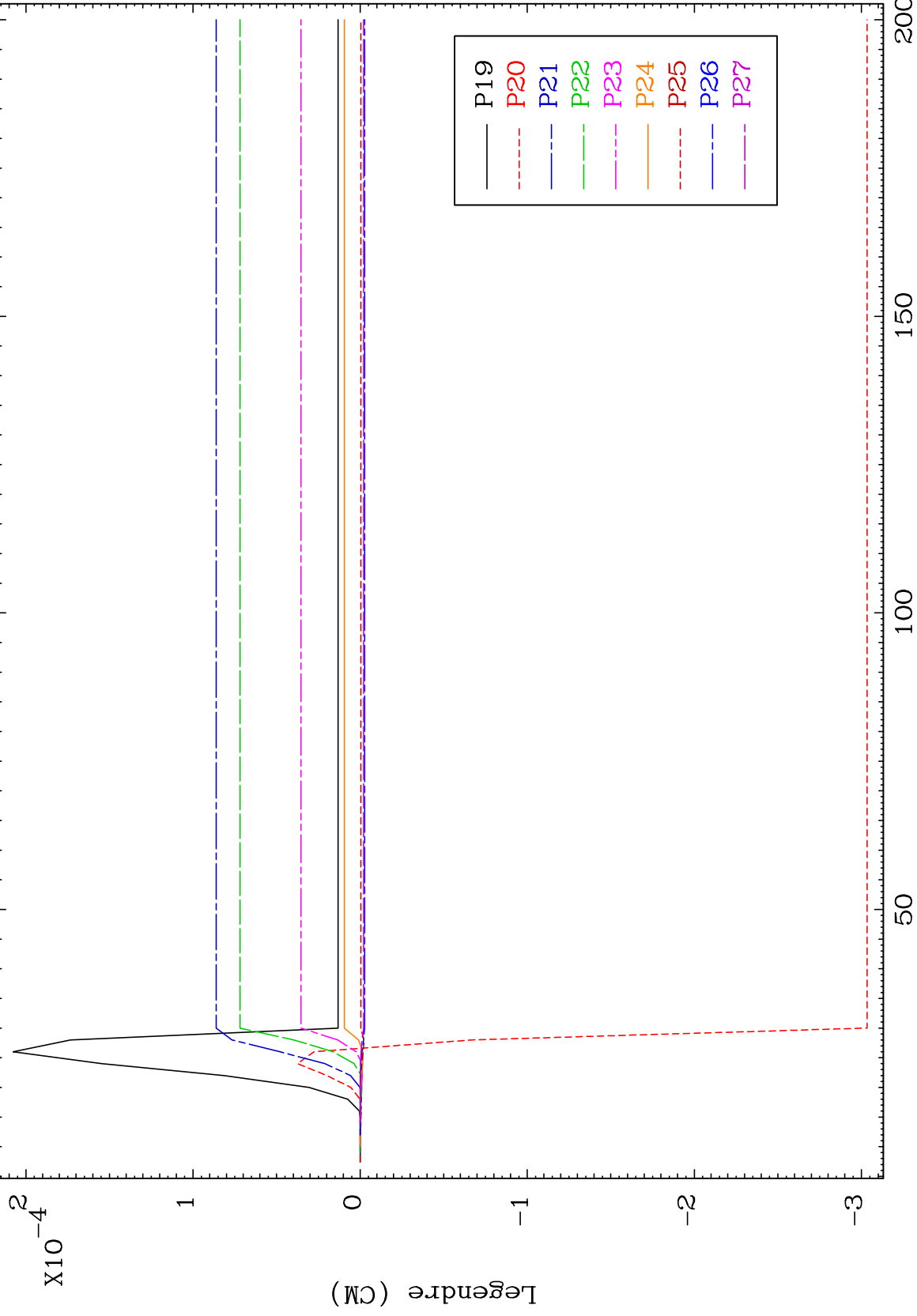
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

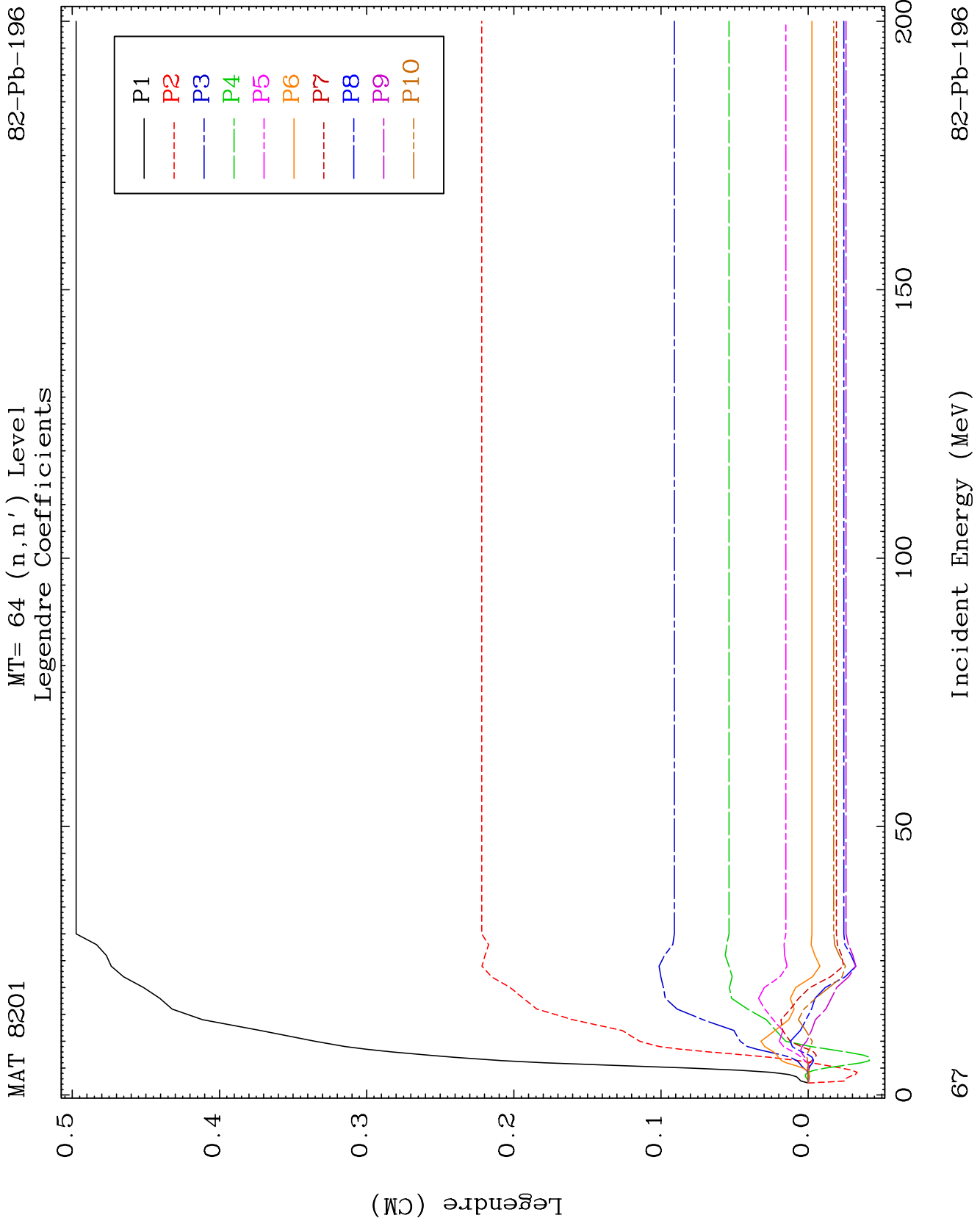
82-Pb-196



65

Incident Energy (MeV)

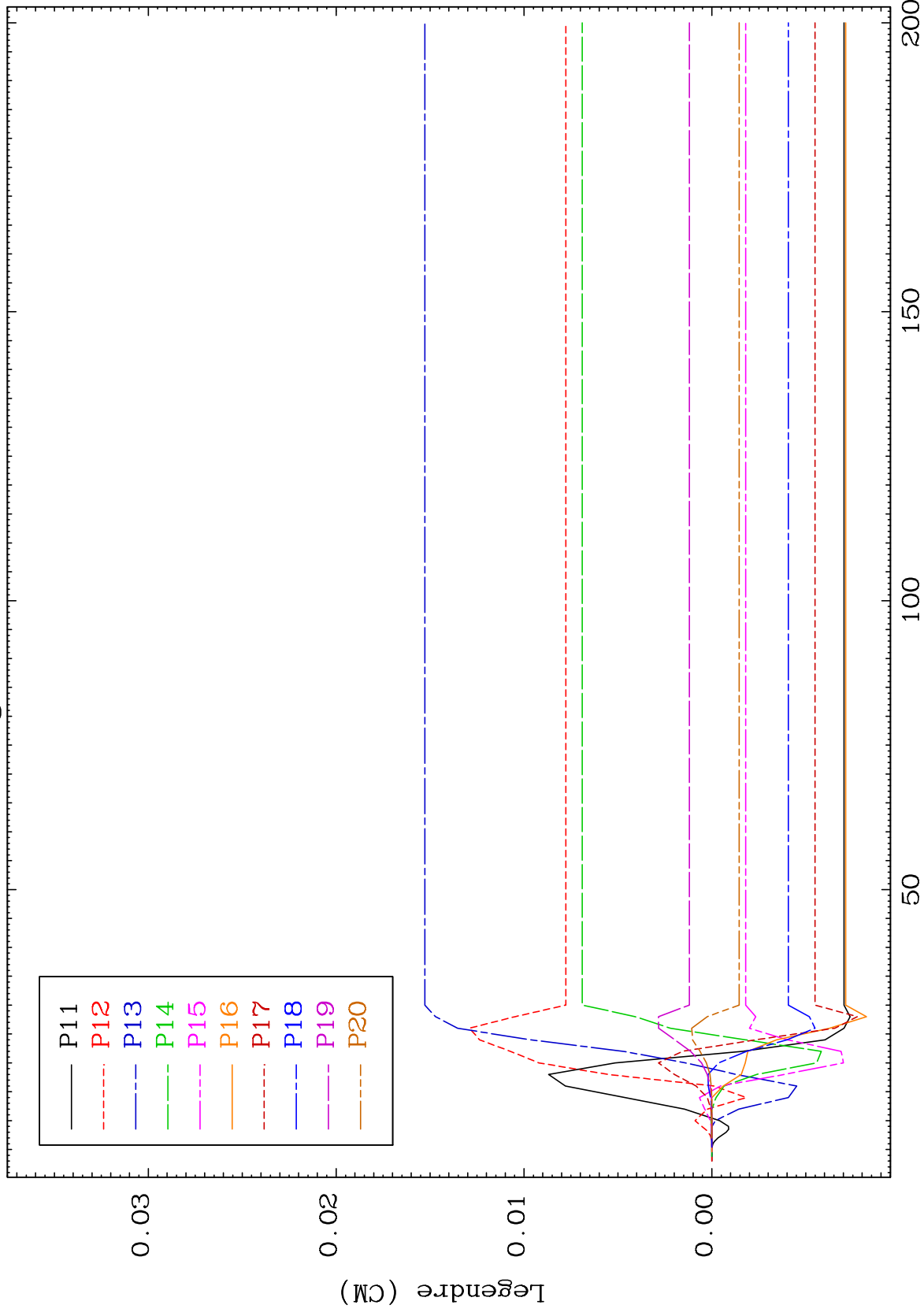
82-Pb-196



MAT 8201

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

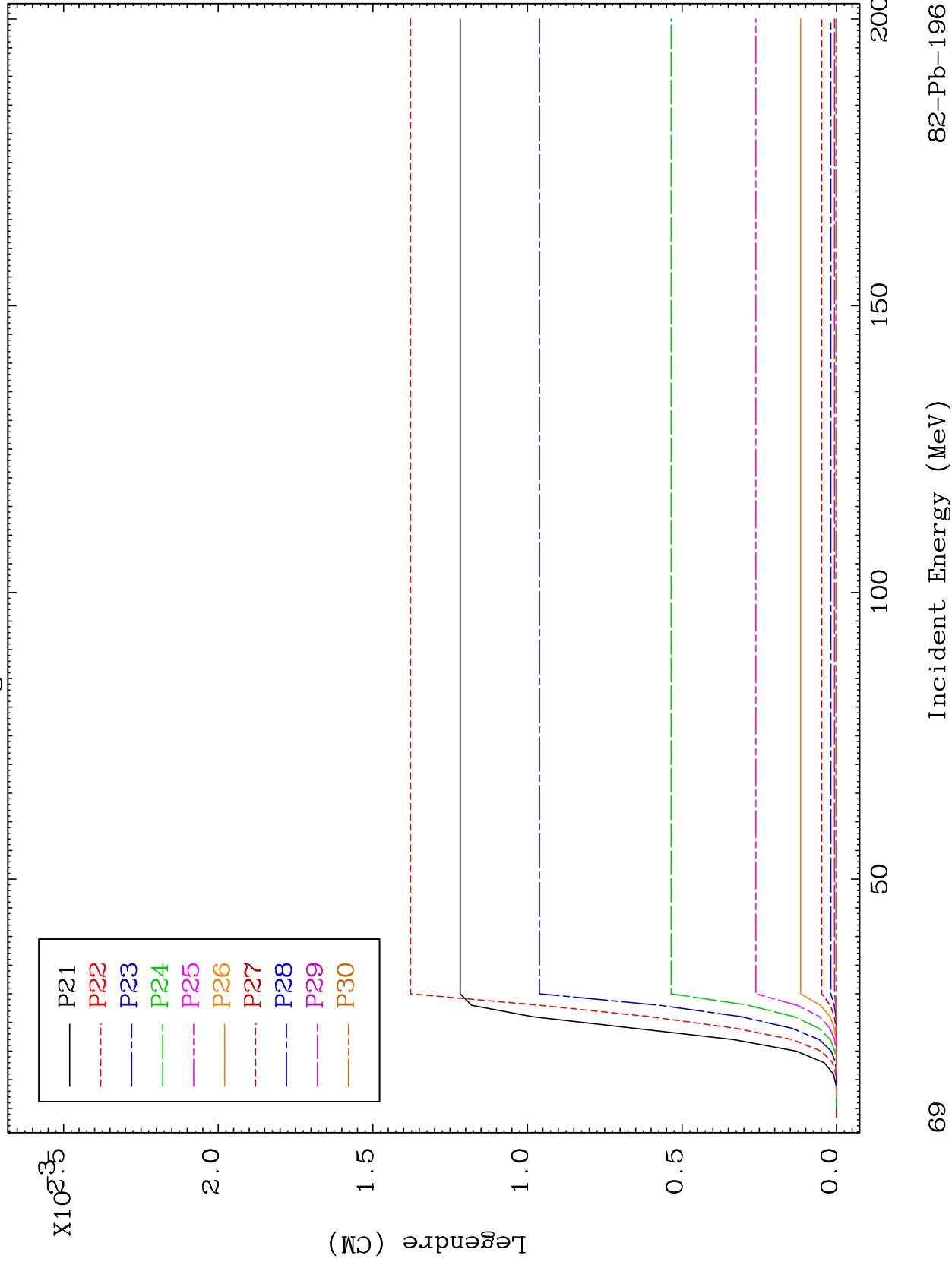
82-Pb-196



68

Incident Energy (MeV)

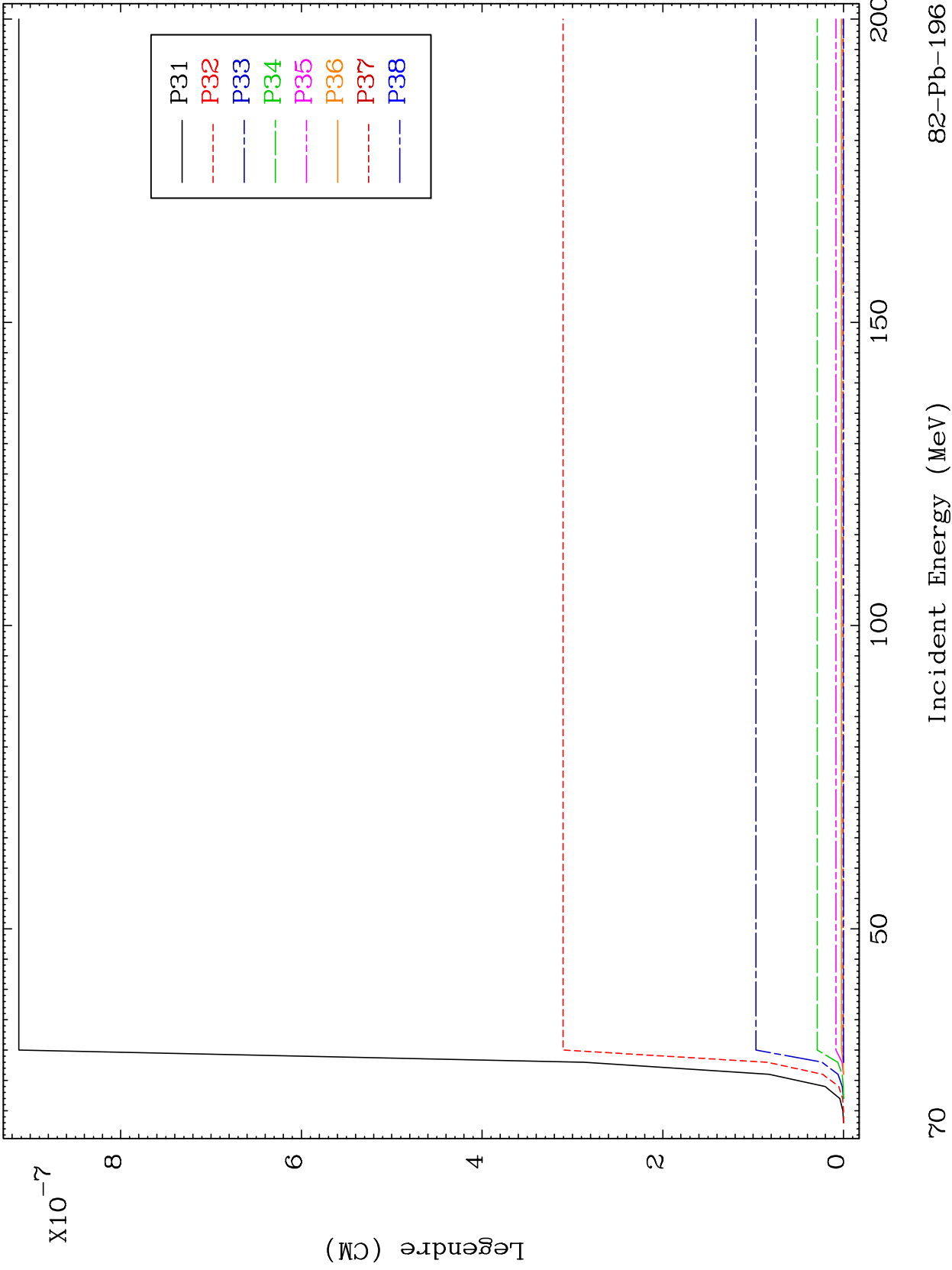
82-Pb-196



MAT 8201

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

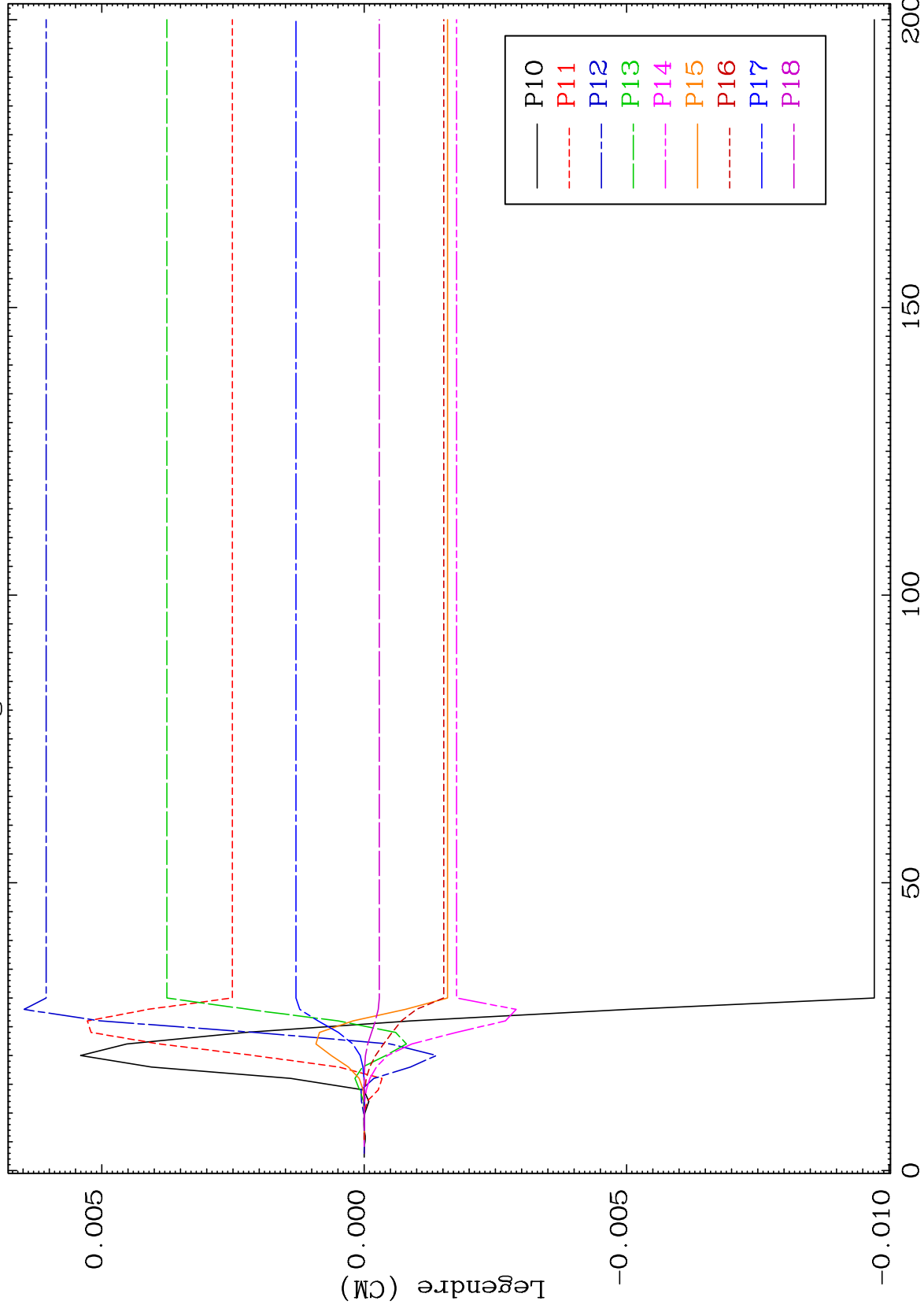
82-Pb-196



MAT 8201

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

82-Pb-196



72

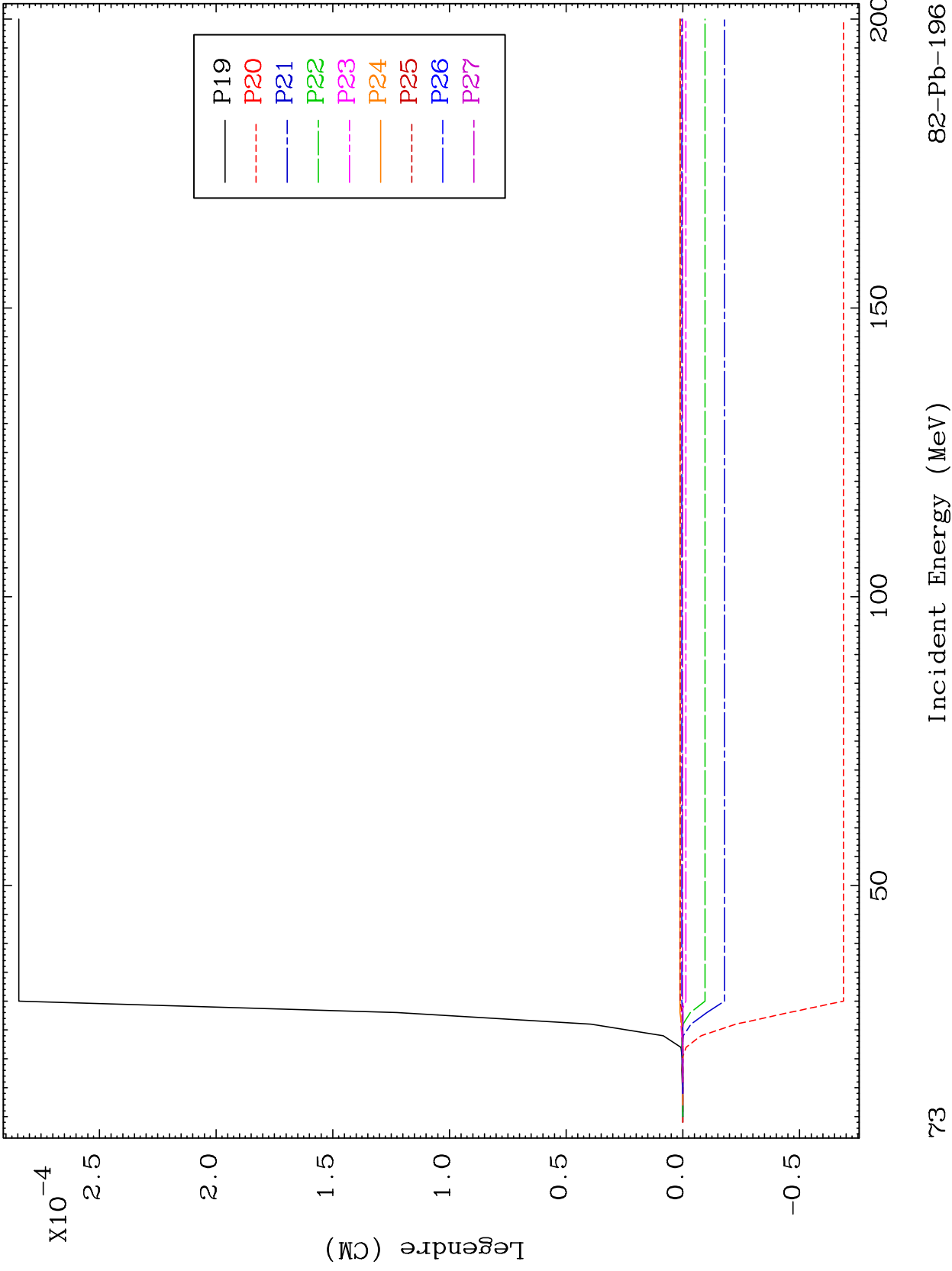
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

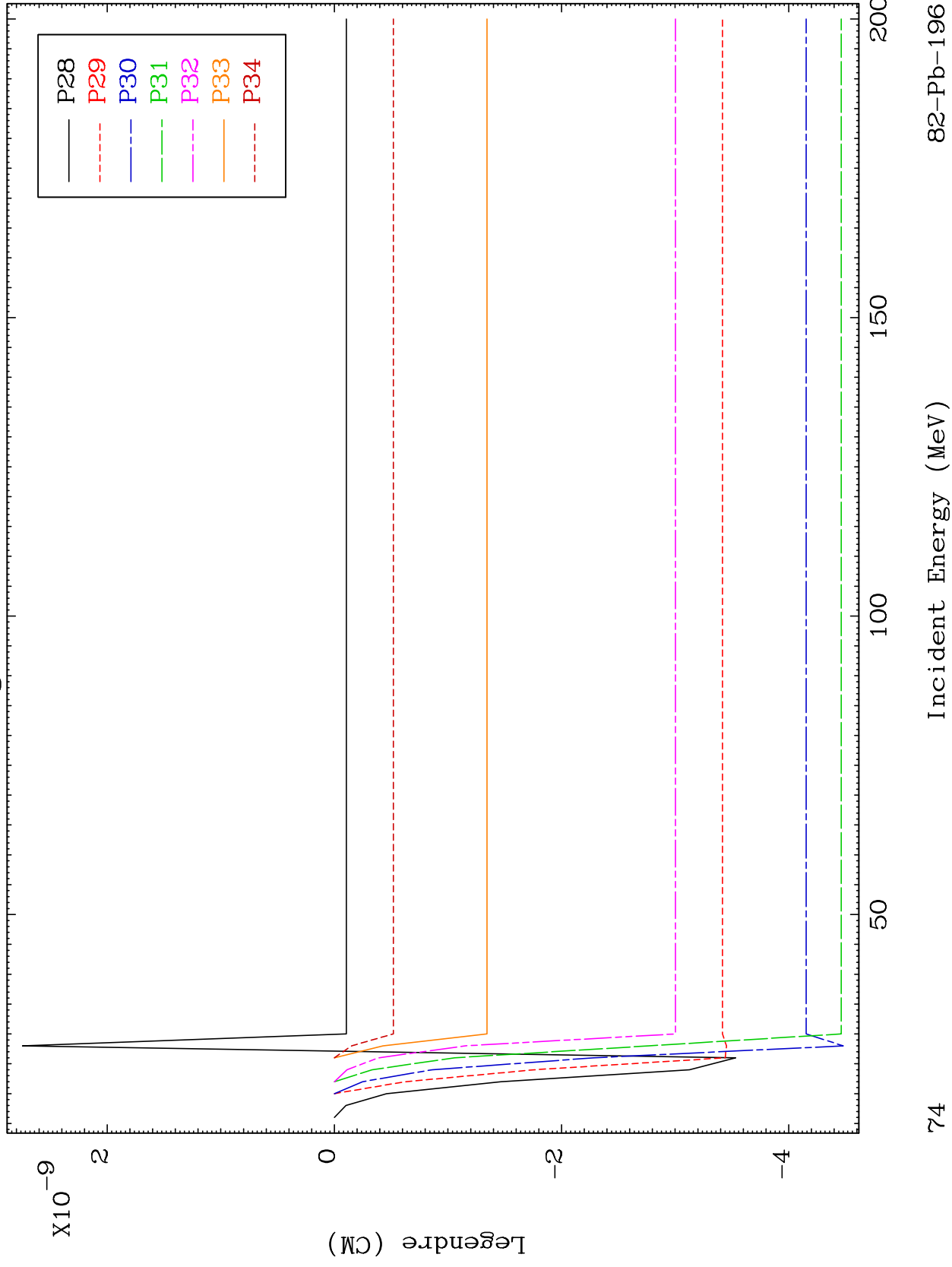
82-Pb-196



MAT 8201

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

82-Pb-196



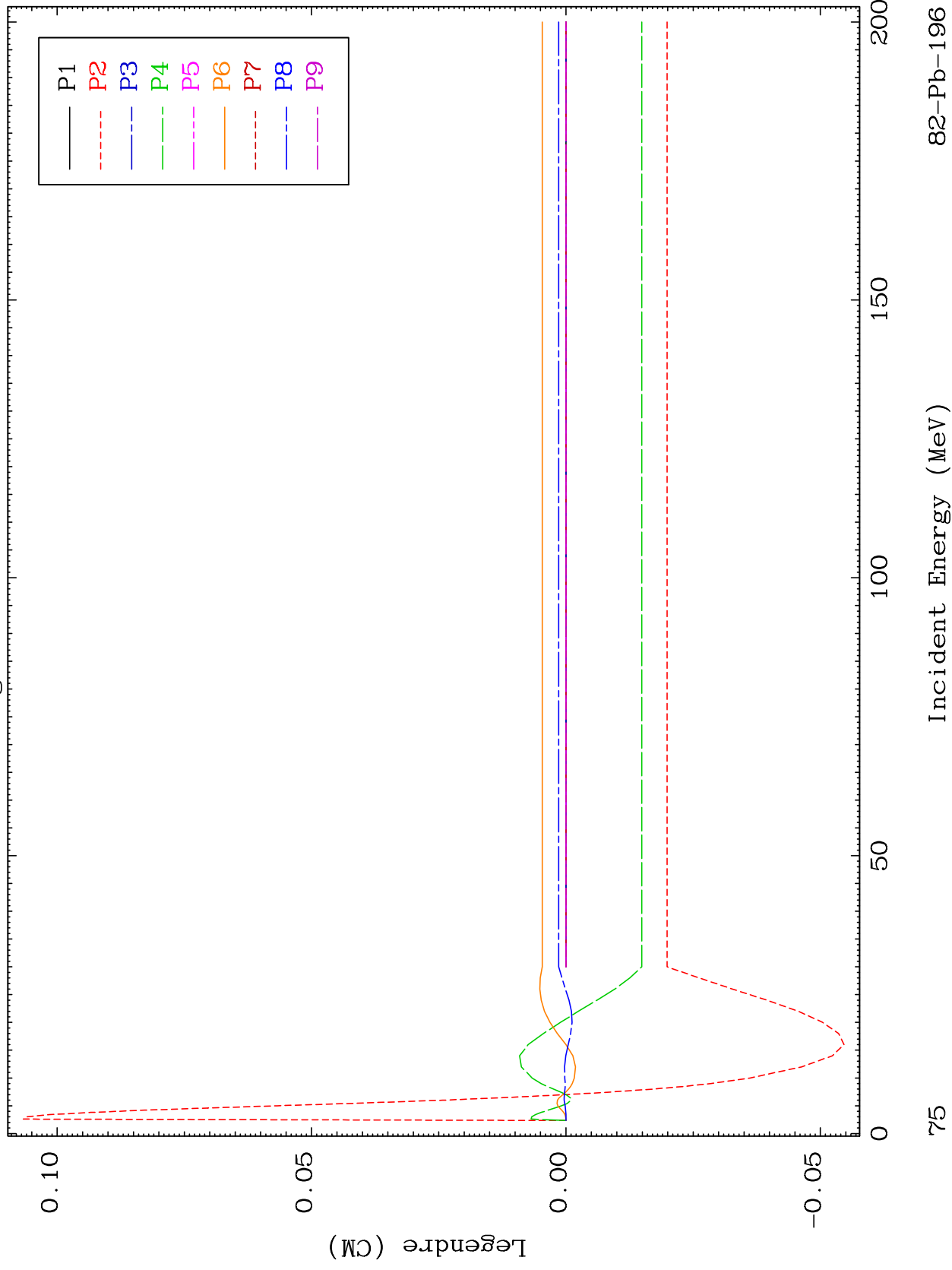
74

82-Pb-196

MAT 8201

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

82-Pb-196



82-Pb-196

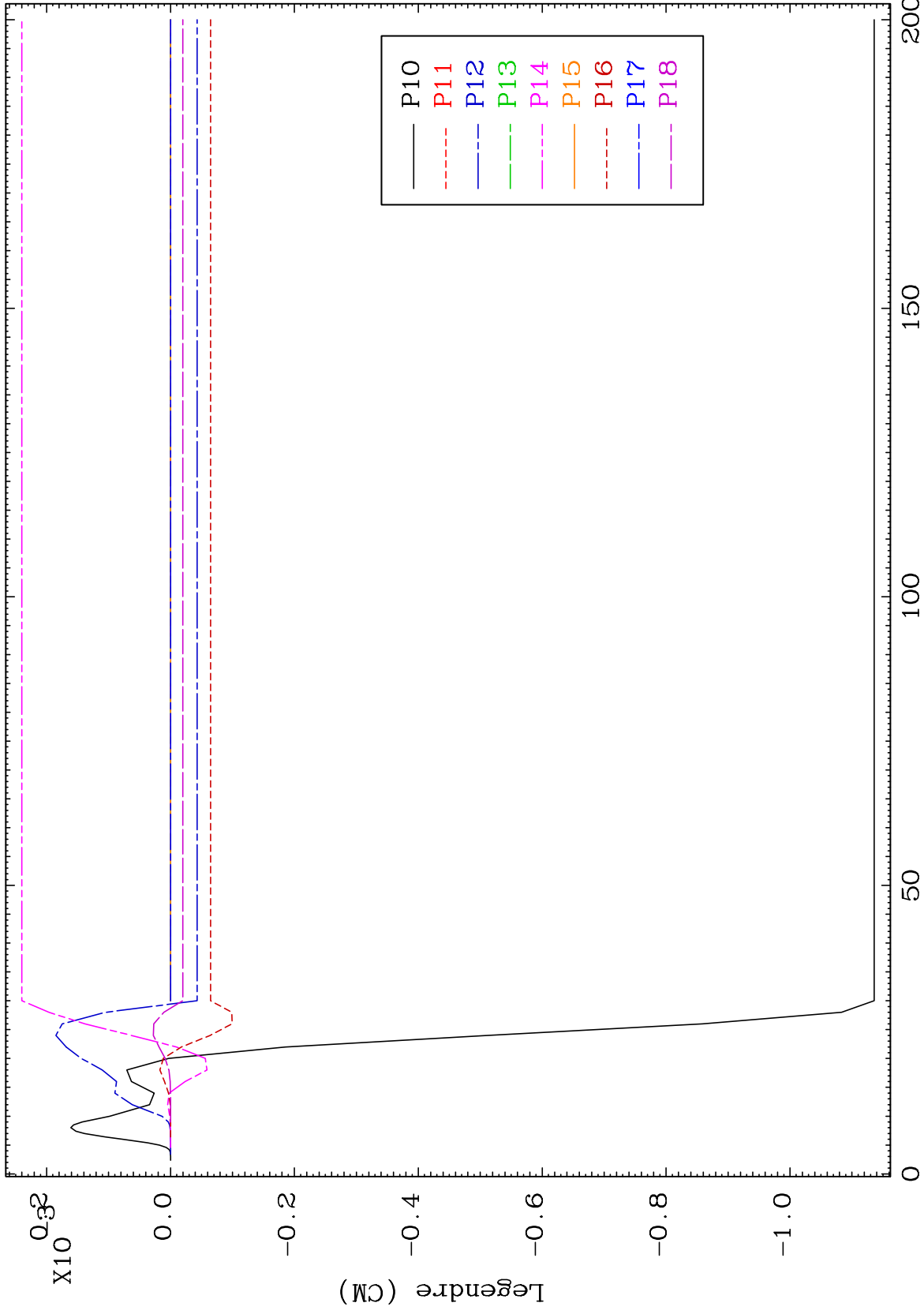
Incident Energy (MeV)

75

MAT 8201

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

82-Pb-196



76

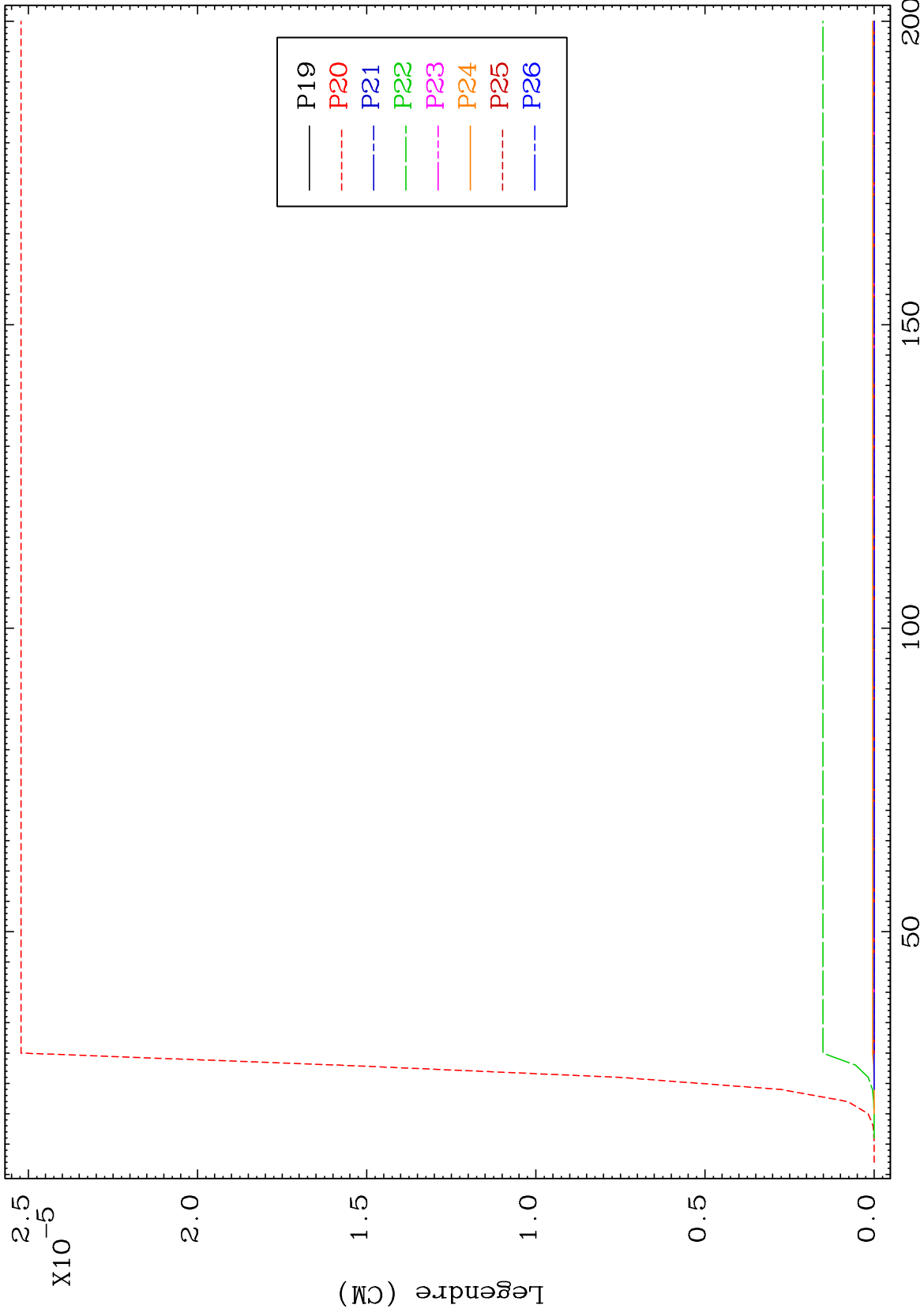
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



82-Pb-196

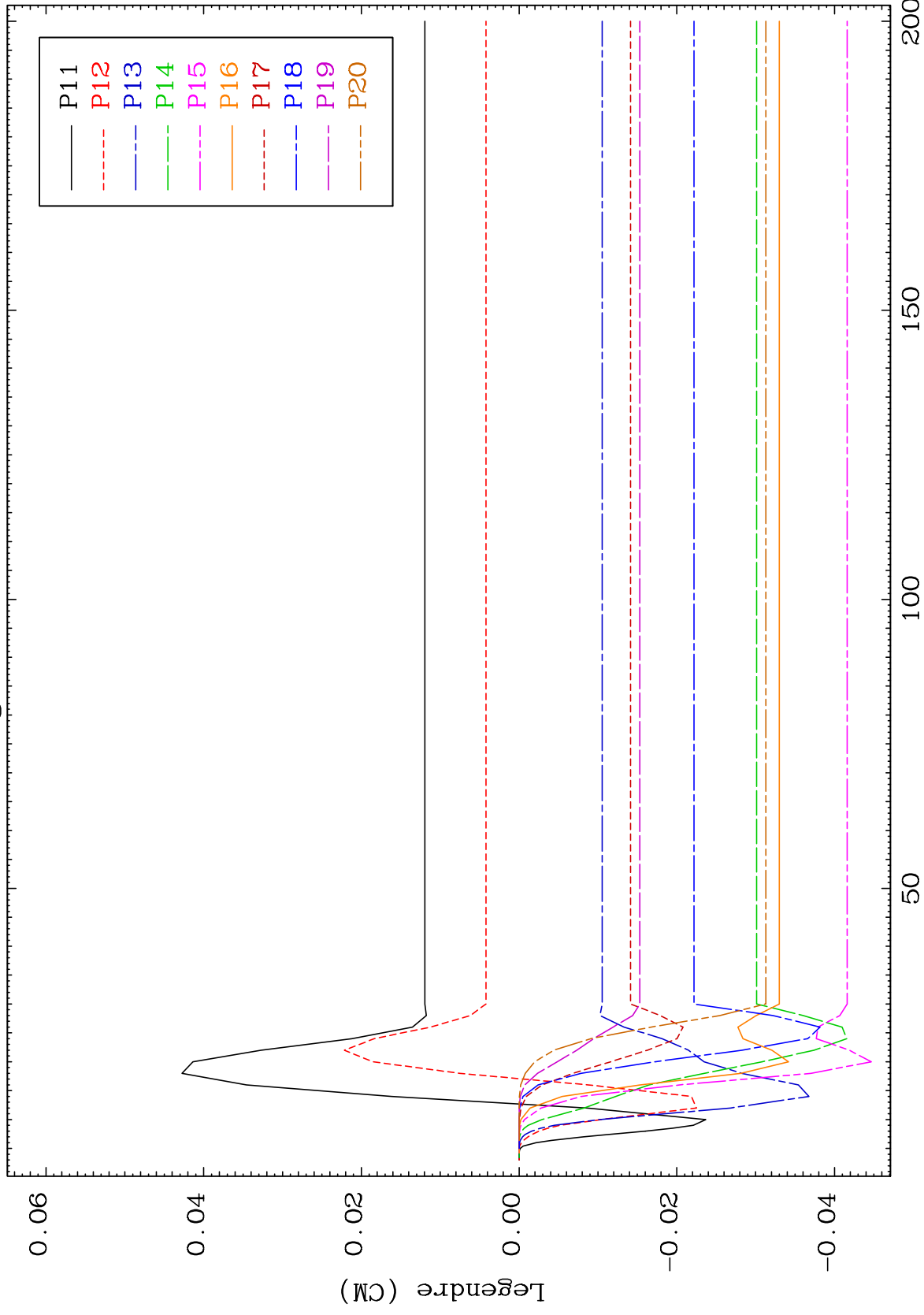
Incident Energy (MeV)

77

MAT 8201

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

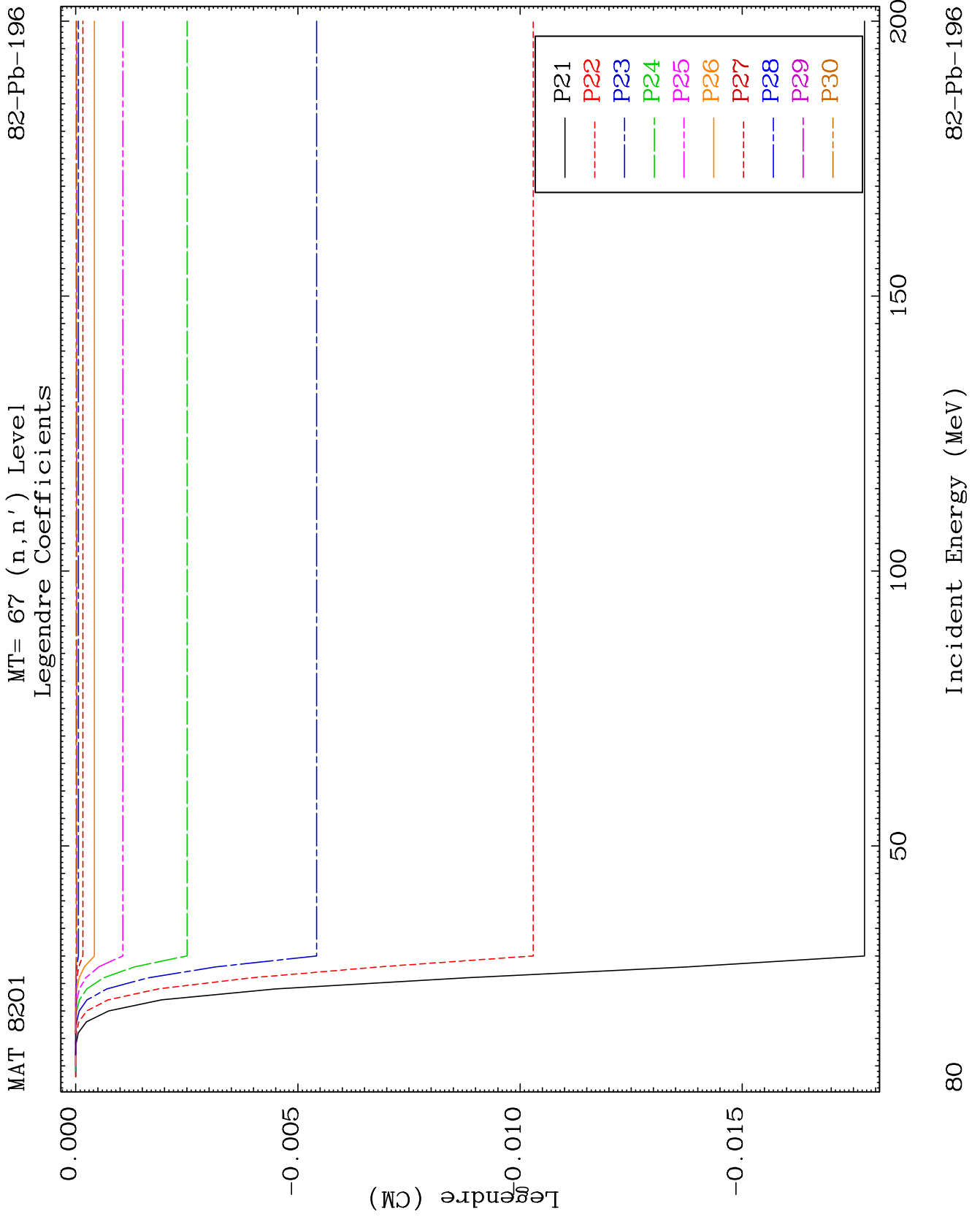
82-Pb-196

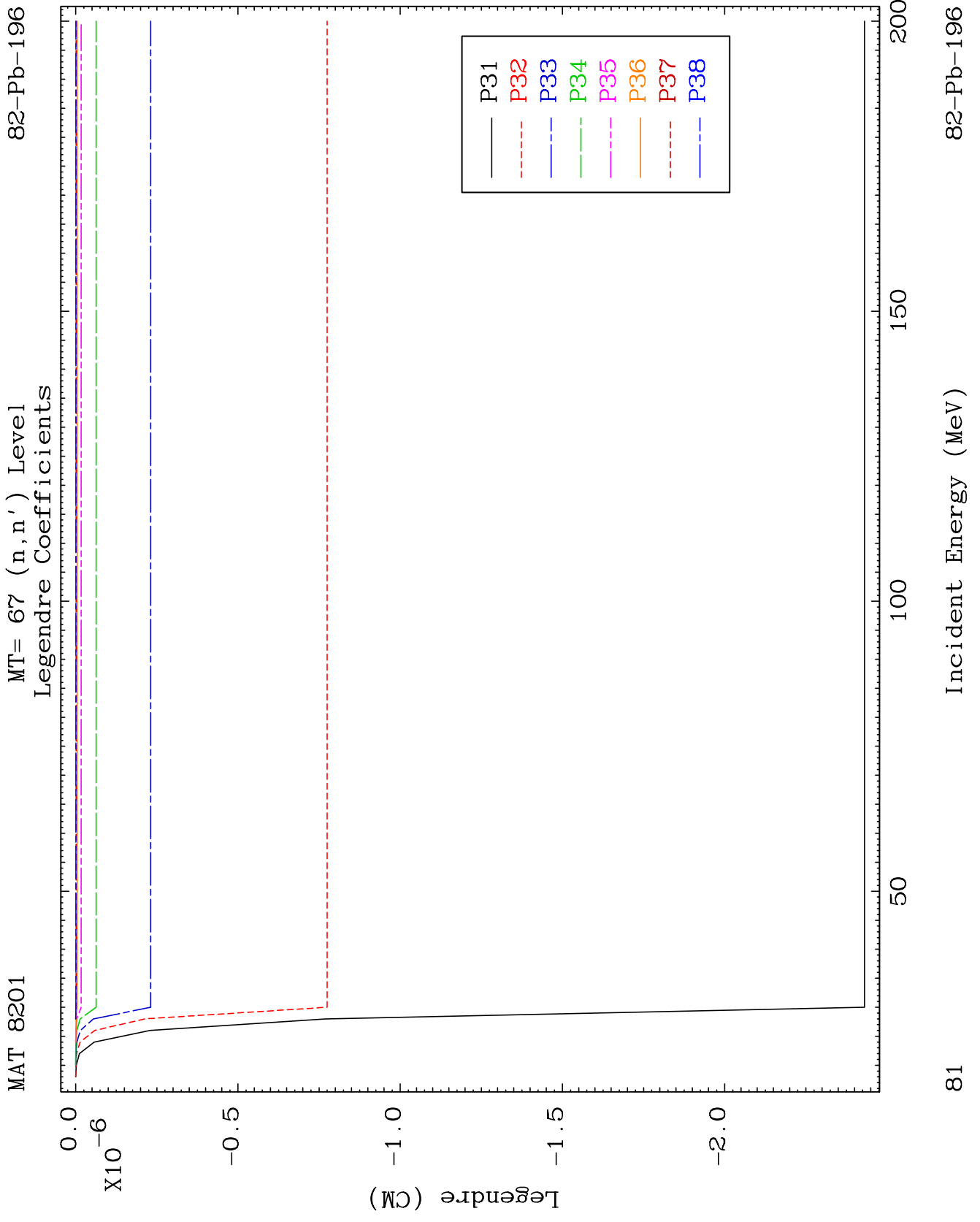


79

Incident Energy (MeV)

82-Pb-196

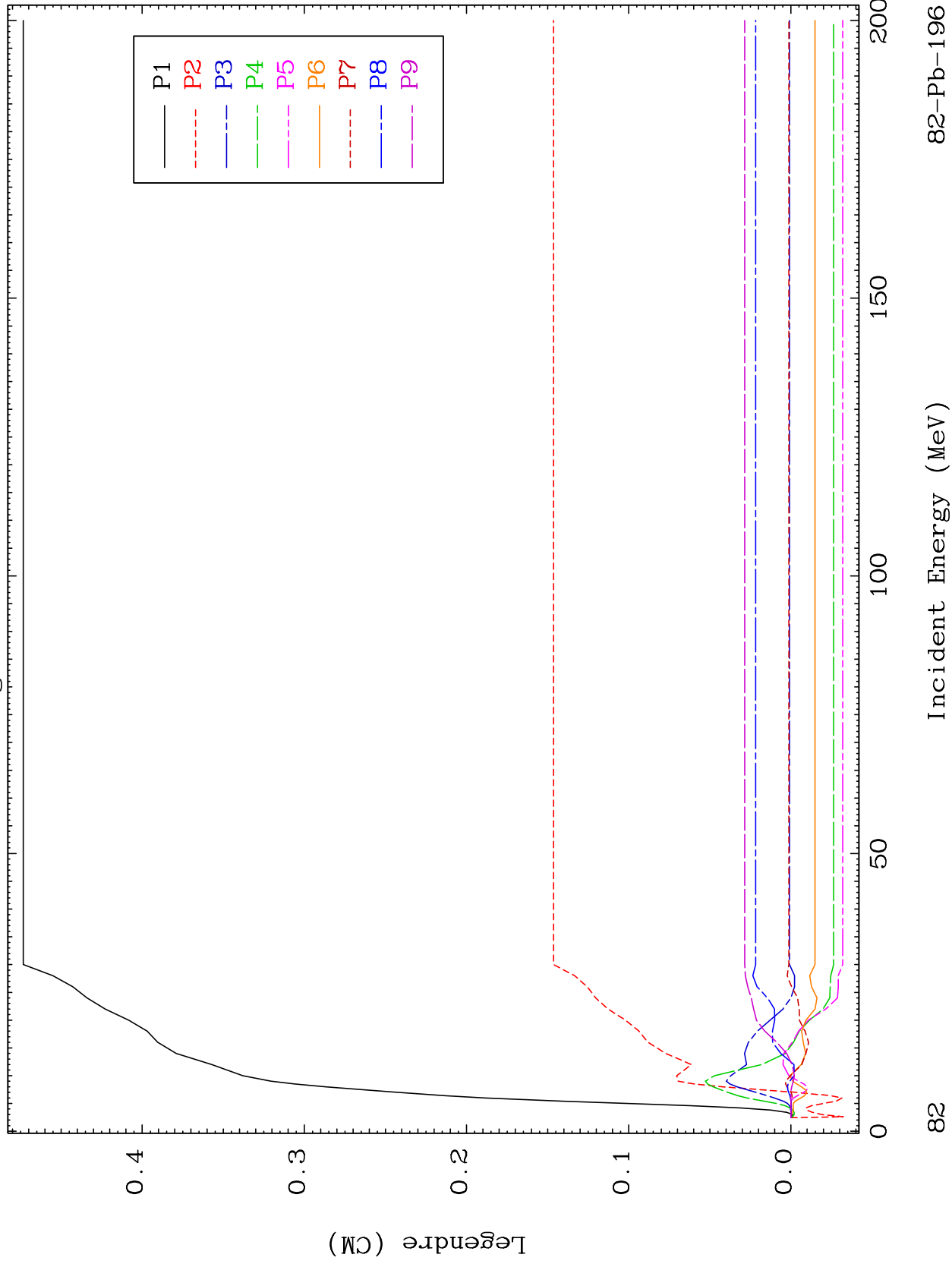




MAT 8201

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

82-Pb-196



82-Pb-196

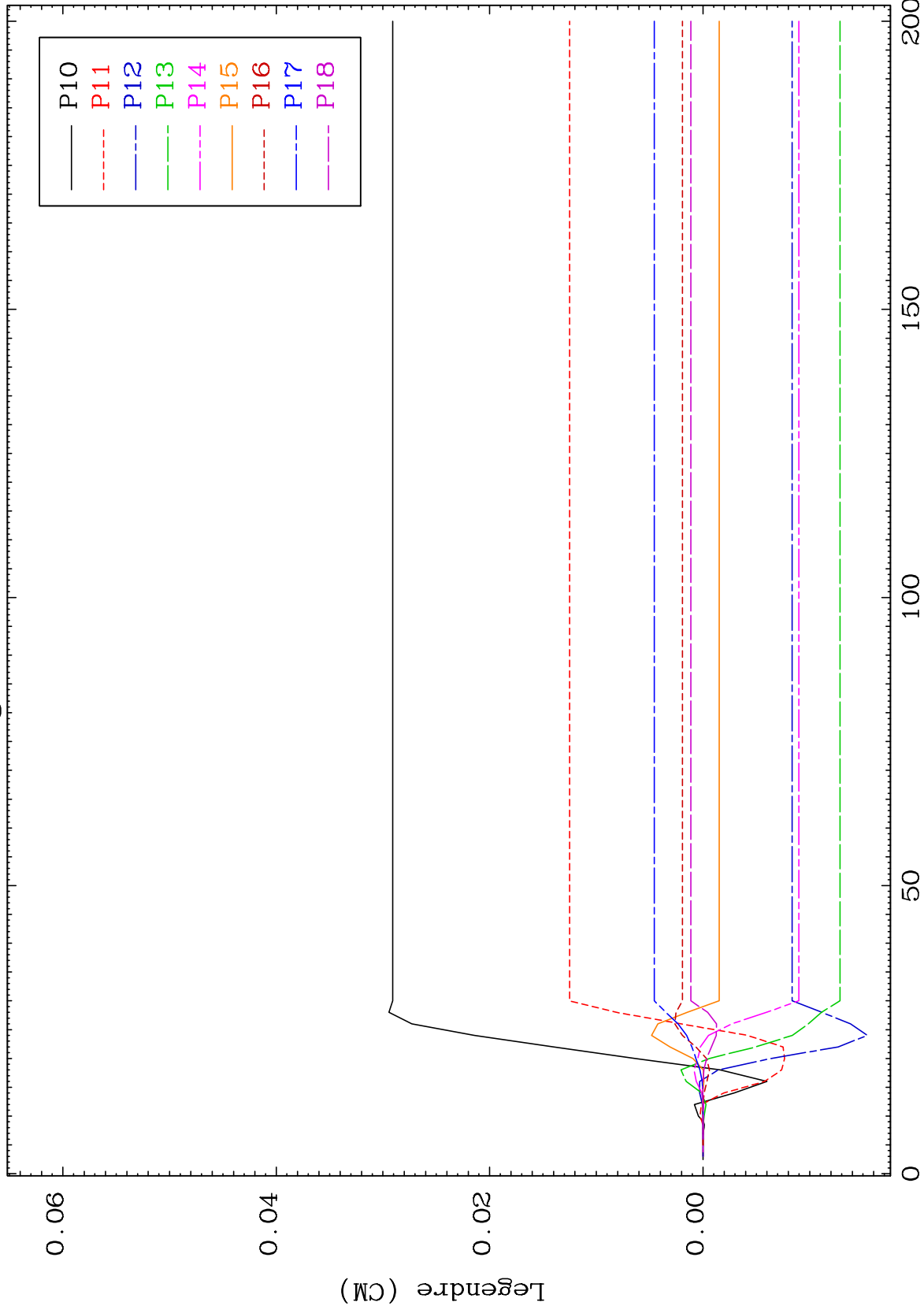
Incident Energy (MeV)

82

MAT 8201

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

82-Pb-196



83

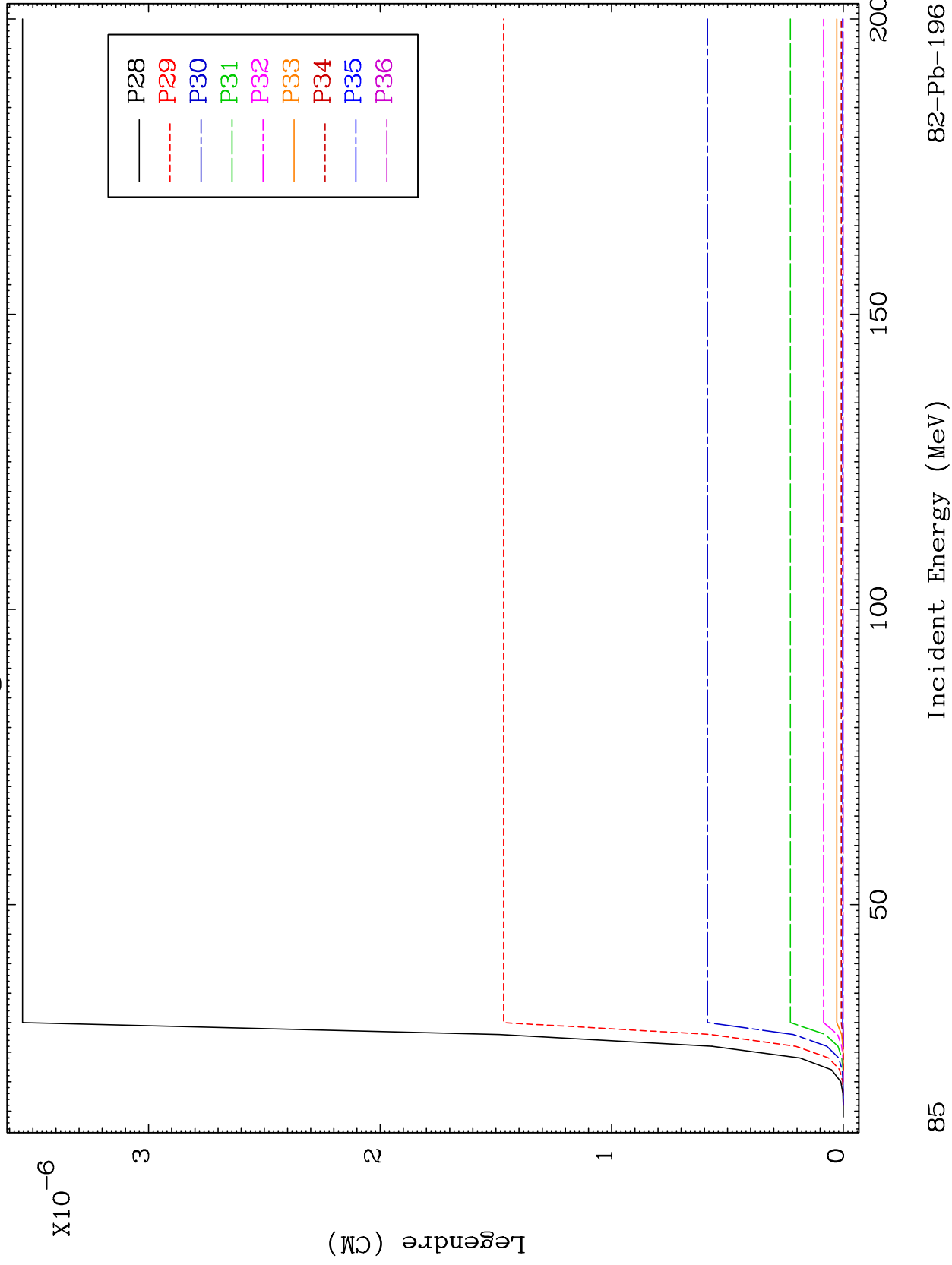
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



85

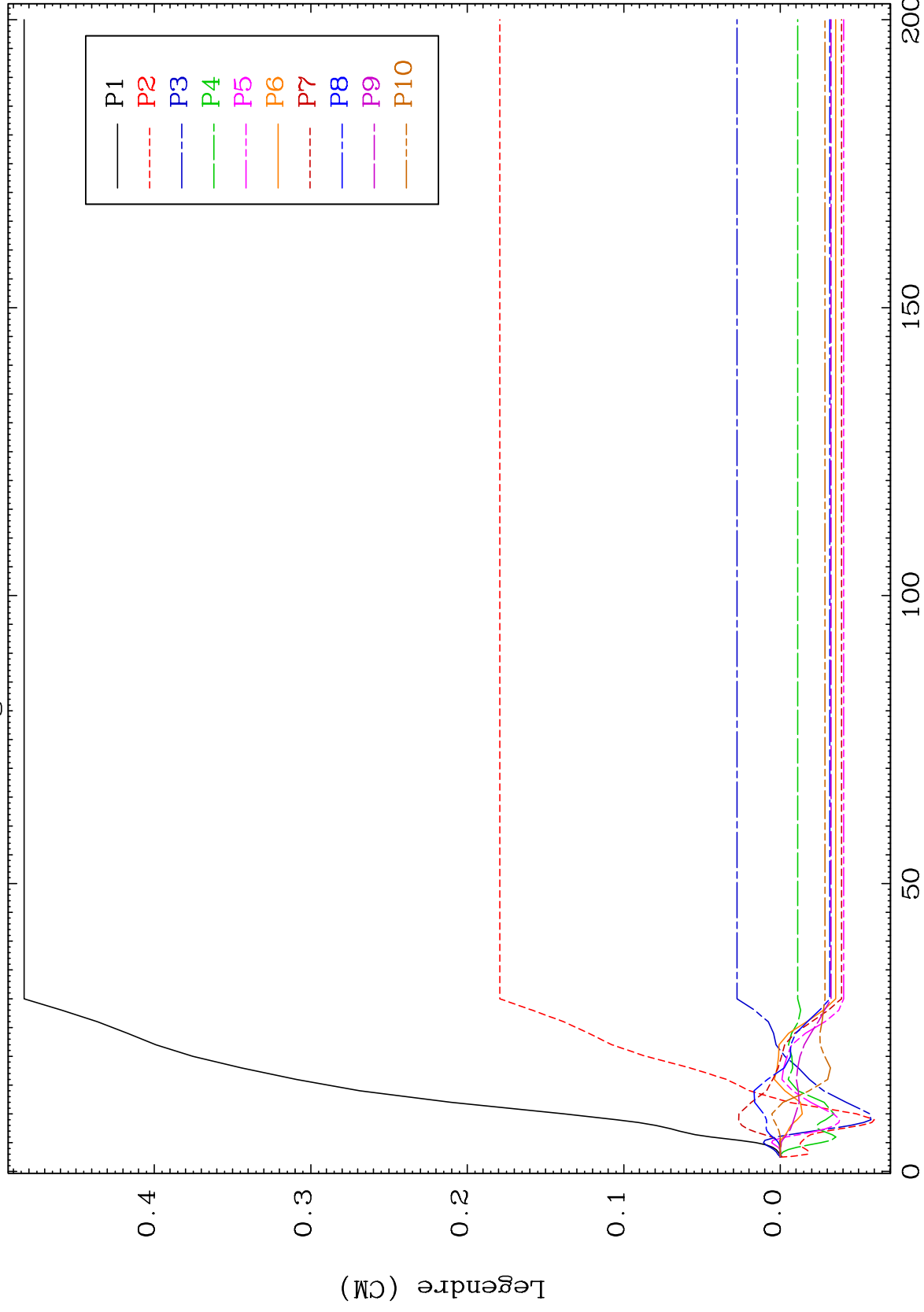
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



86

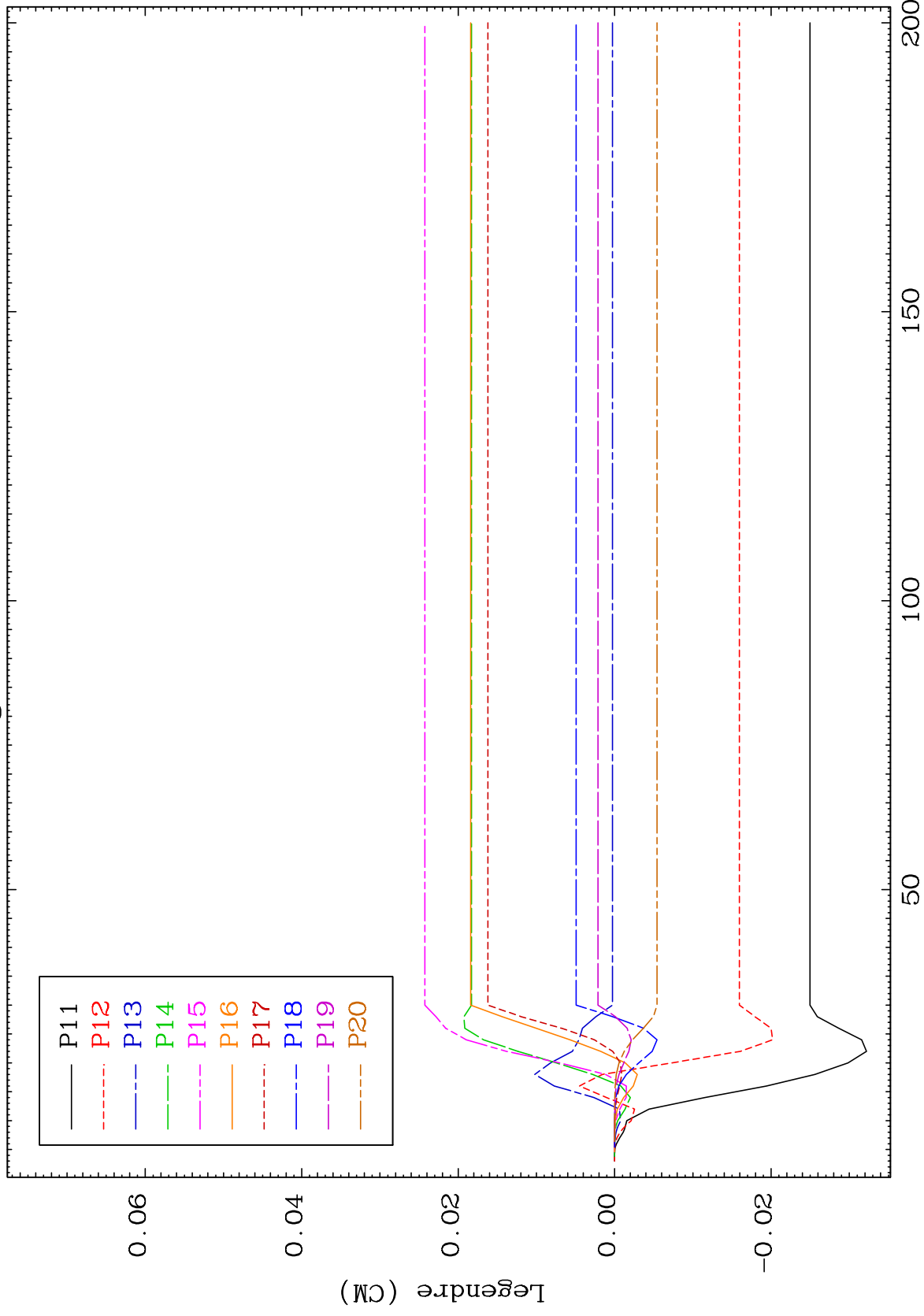
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

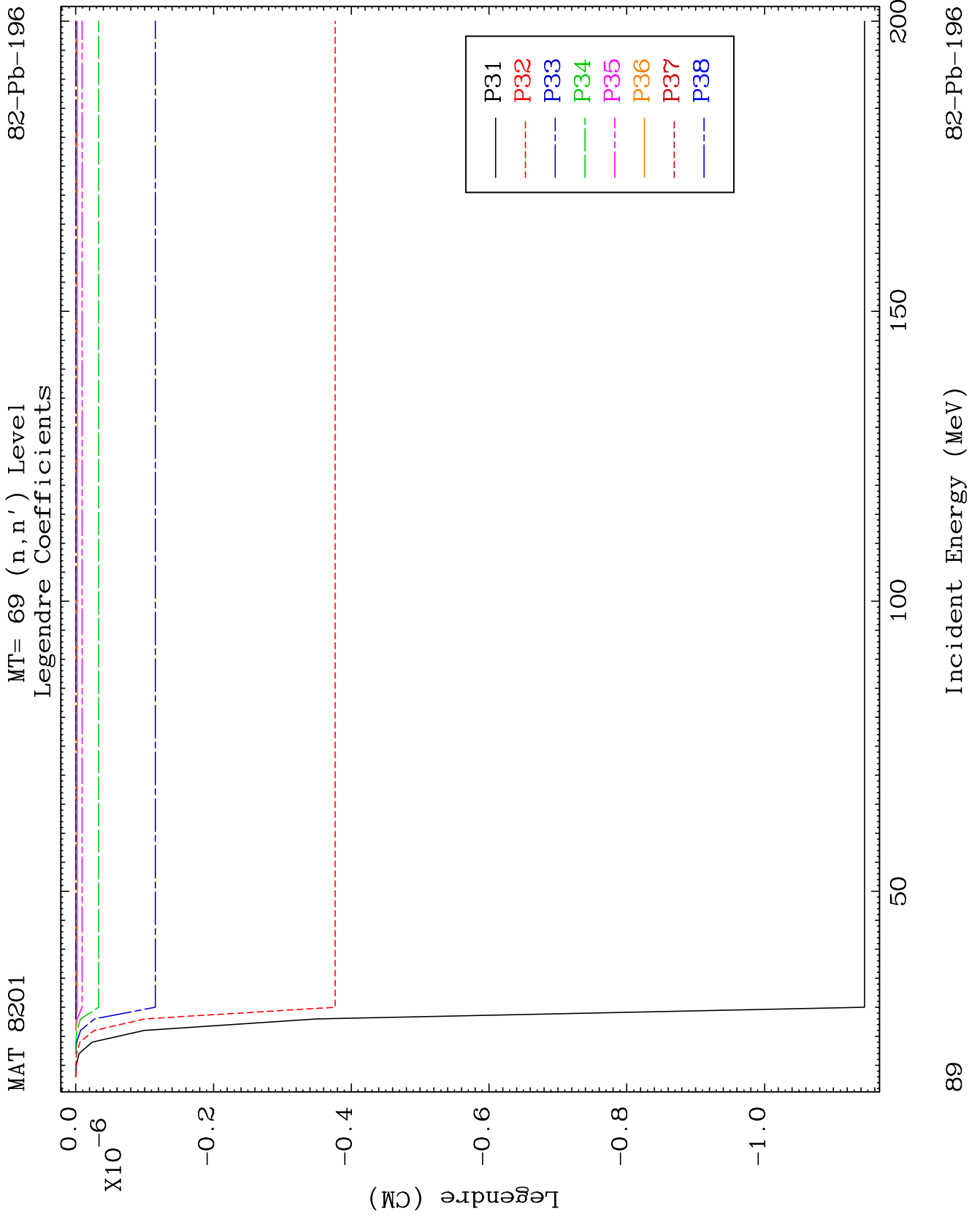
82-Pb-196



87

Incident Energy (MeV)

82-Pb-196

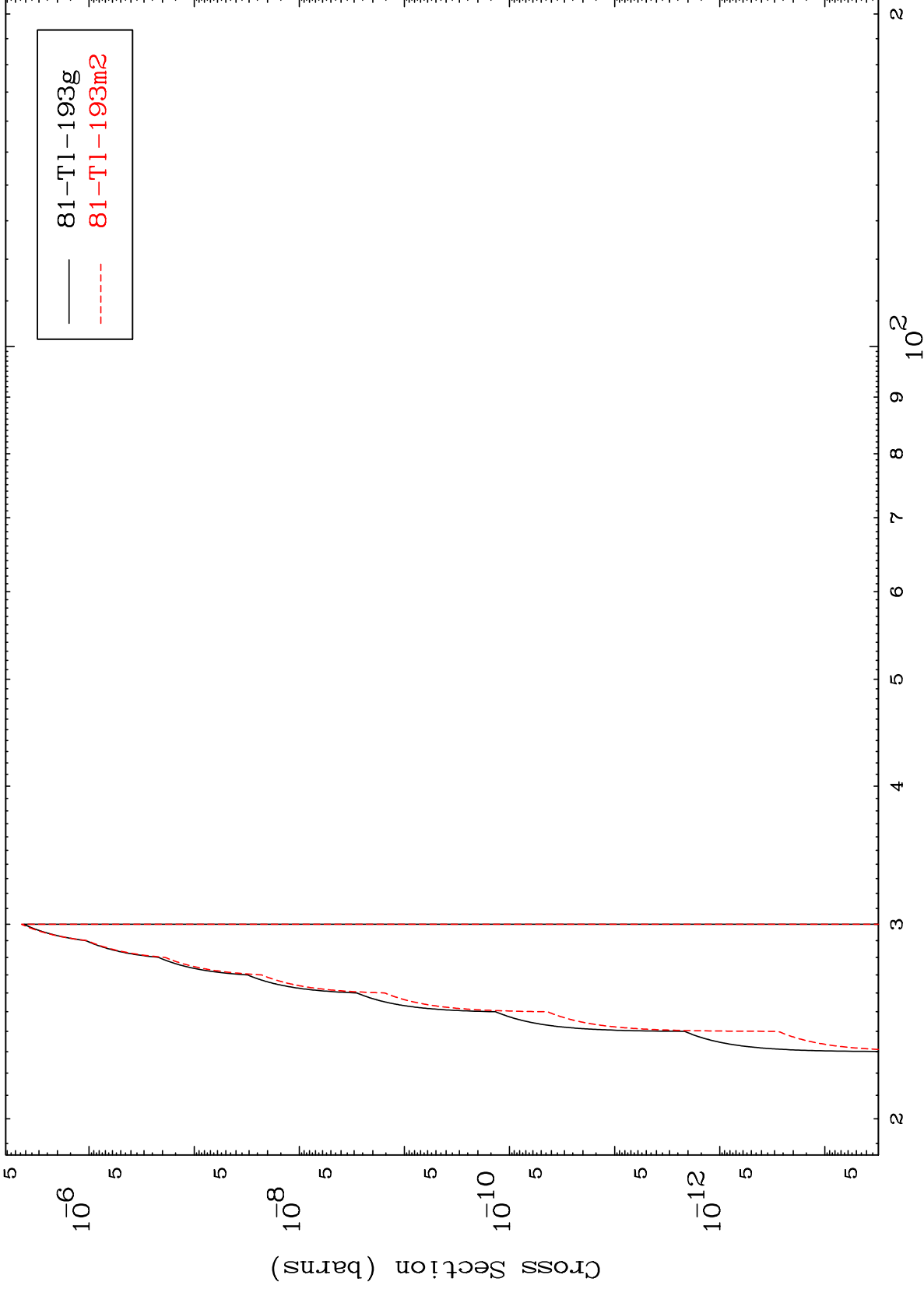


MAT 8201

(n,2n) d

82-Pb-196

Radionuclide Production Cross Section



90

Incident Energy (MeV)

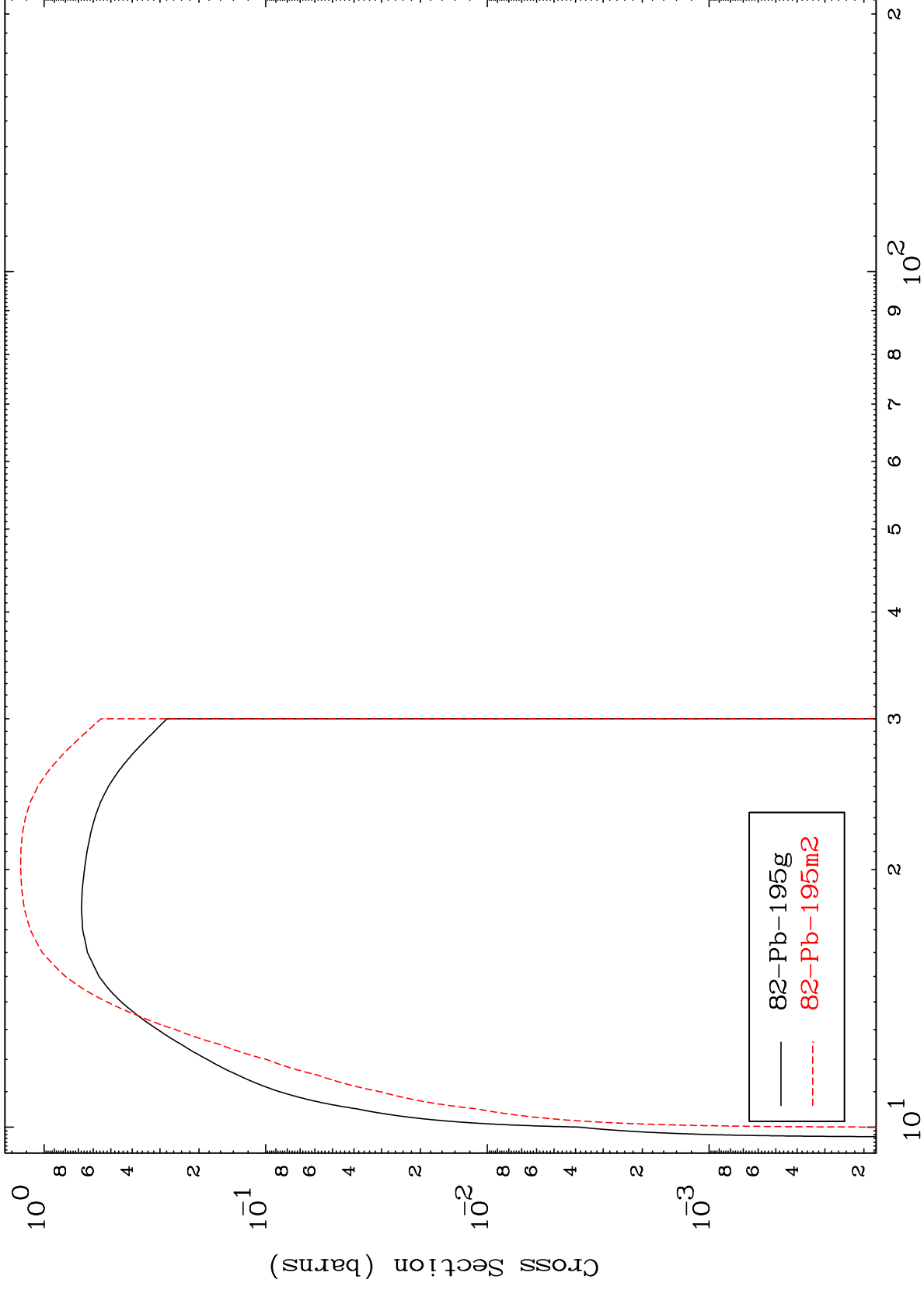
82-Pb-196

MAT 8201

(n,2n)

82-Pb-196

Radionuclide Production Cross Section



91

Incident Energy (MeV)

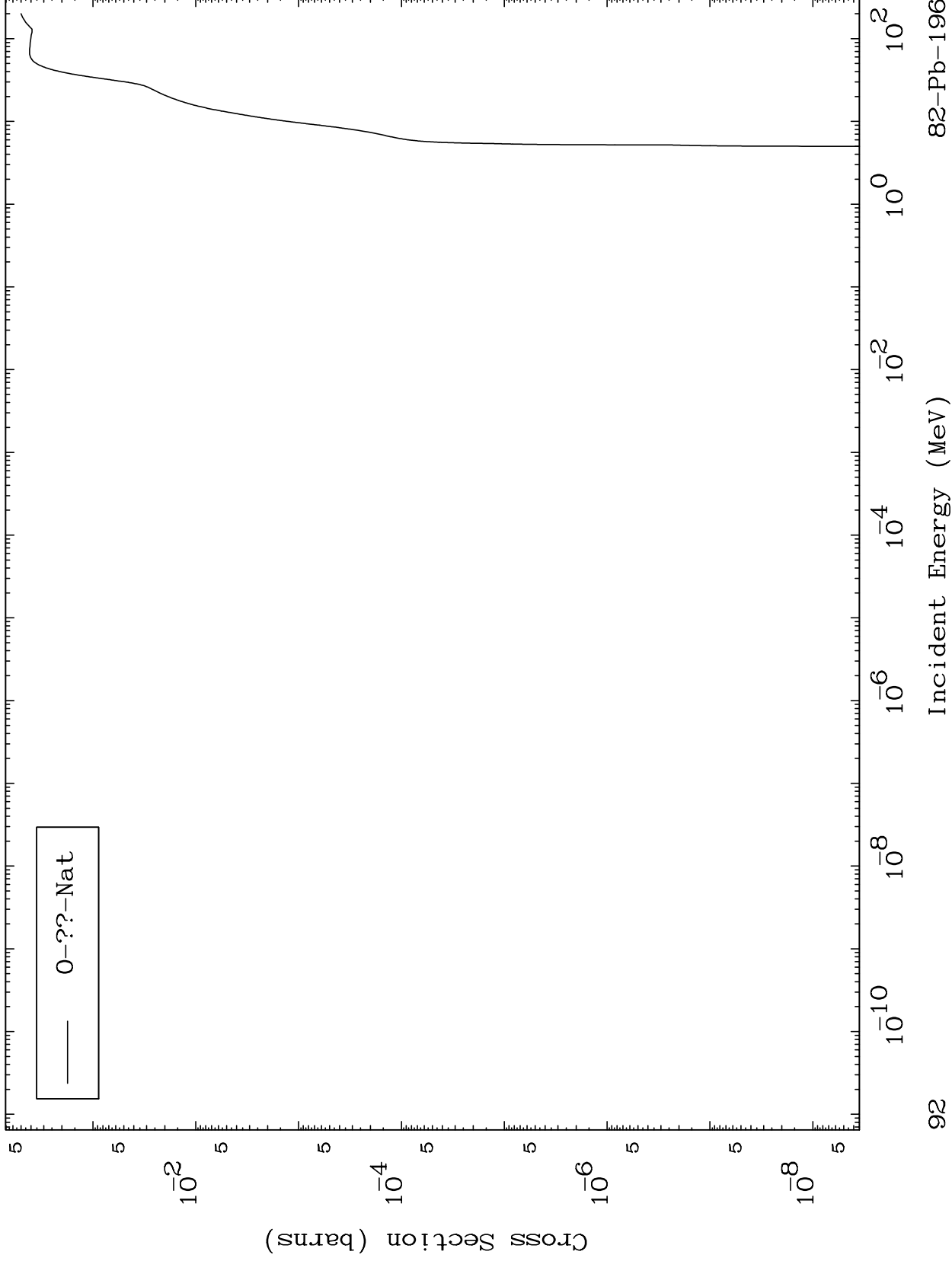
82-Pb-196

MAT 8201

Fission

82-Pb-196

Radionuclide Production Cross Section



92

Incident Energy (MeV)

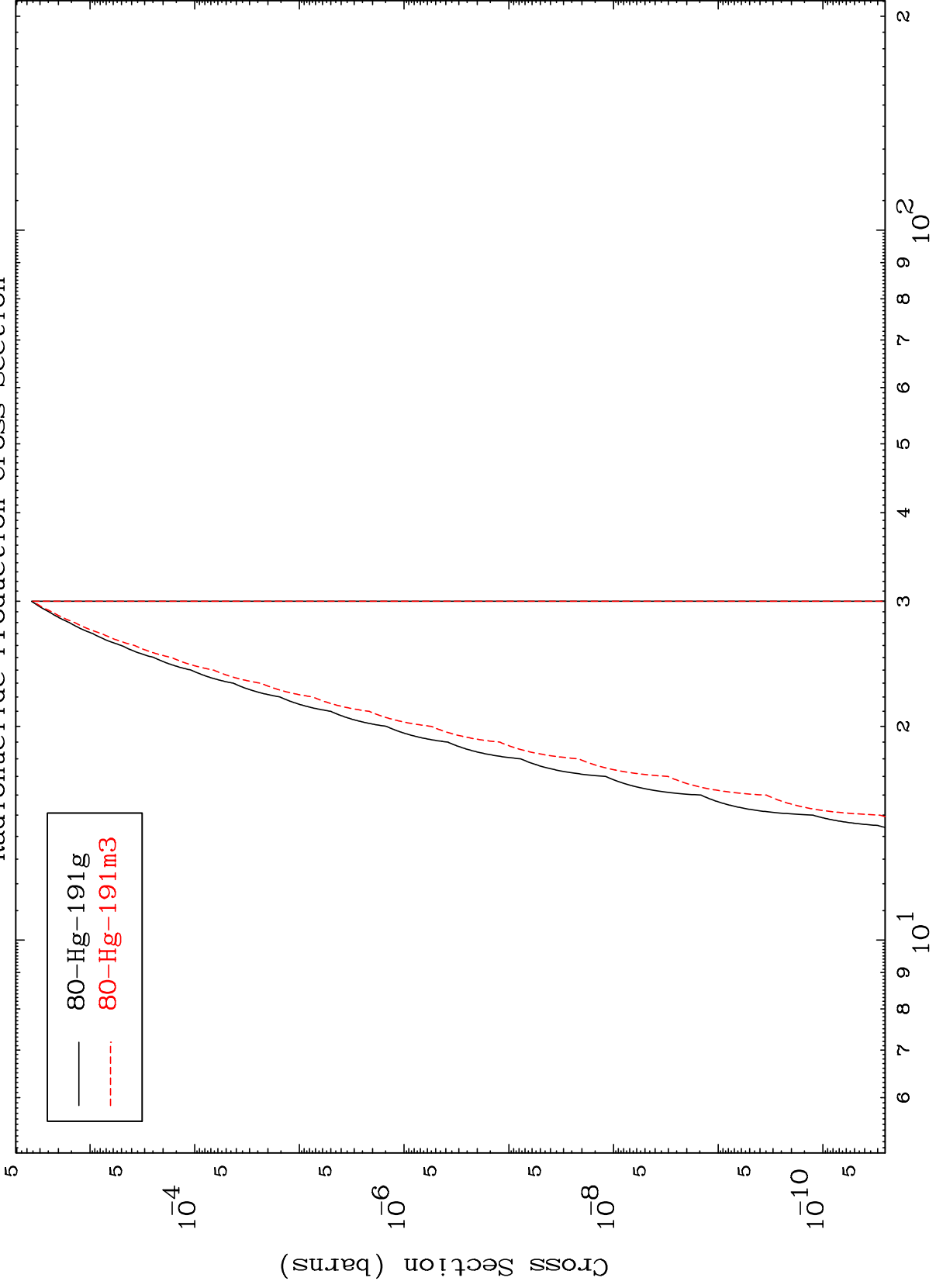
82-Pb-196

MAT 8201

(n,2n) α

82-Pb-196

Radionuclide Production Cross Section



93

Incident Energy (MeV)

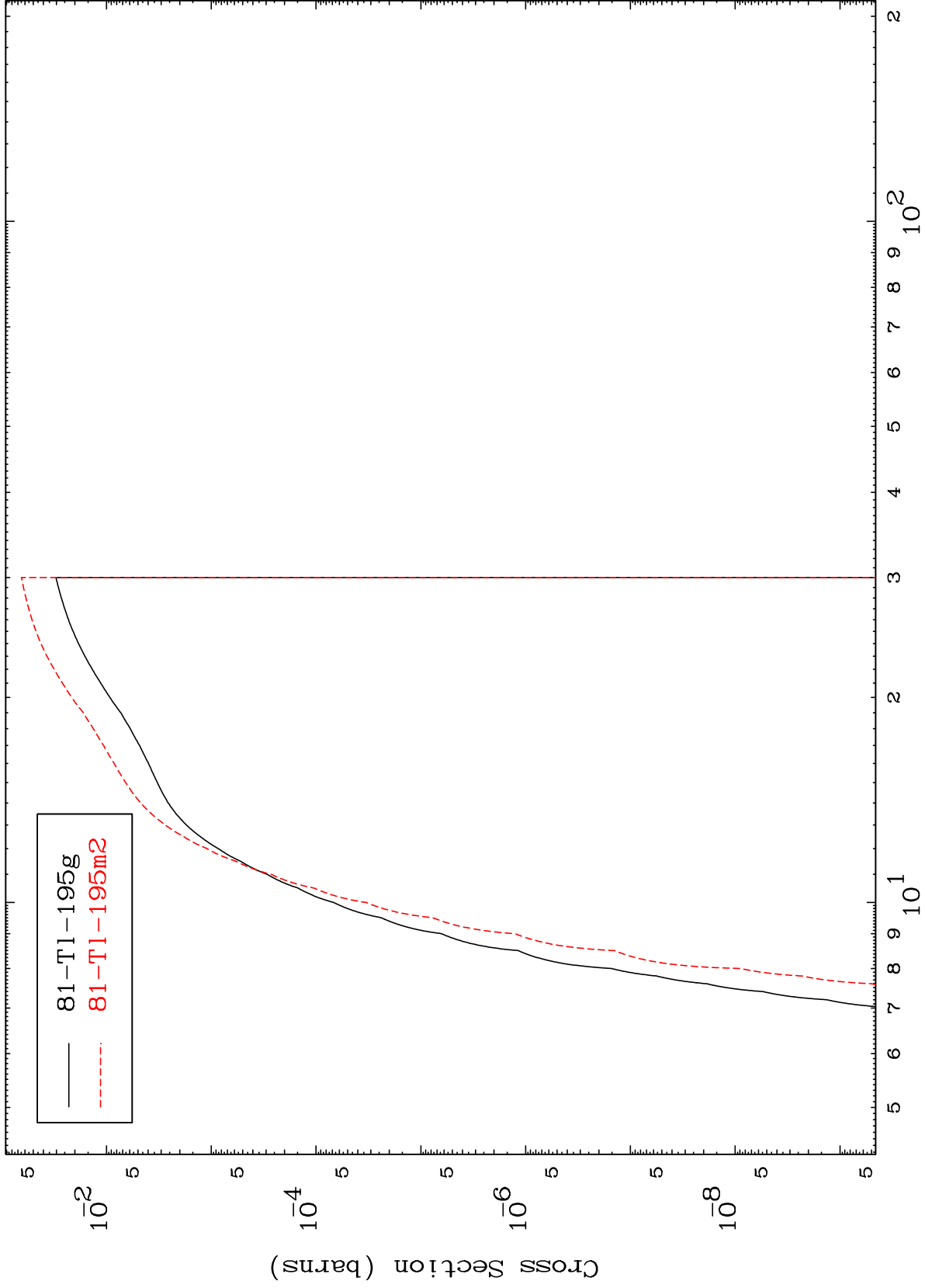
82-Pb-196

MAT 8201

(n,n') p

82-Pb-196

Radionuclide Production Cross Section

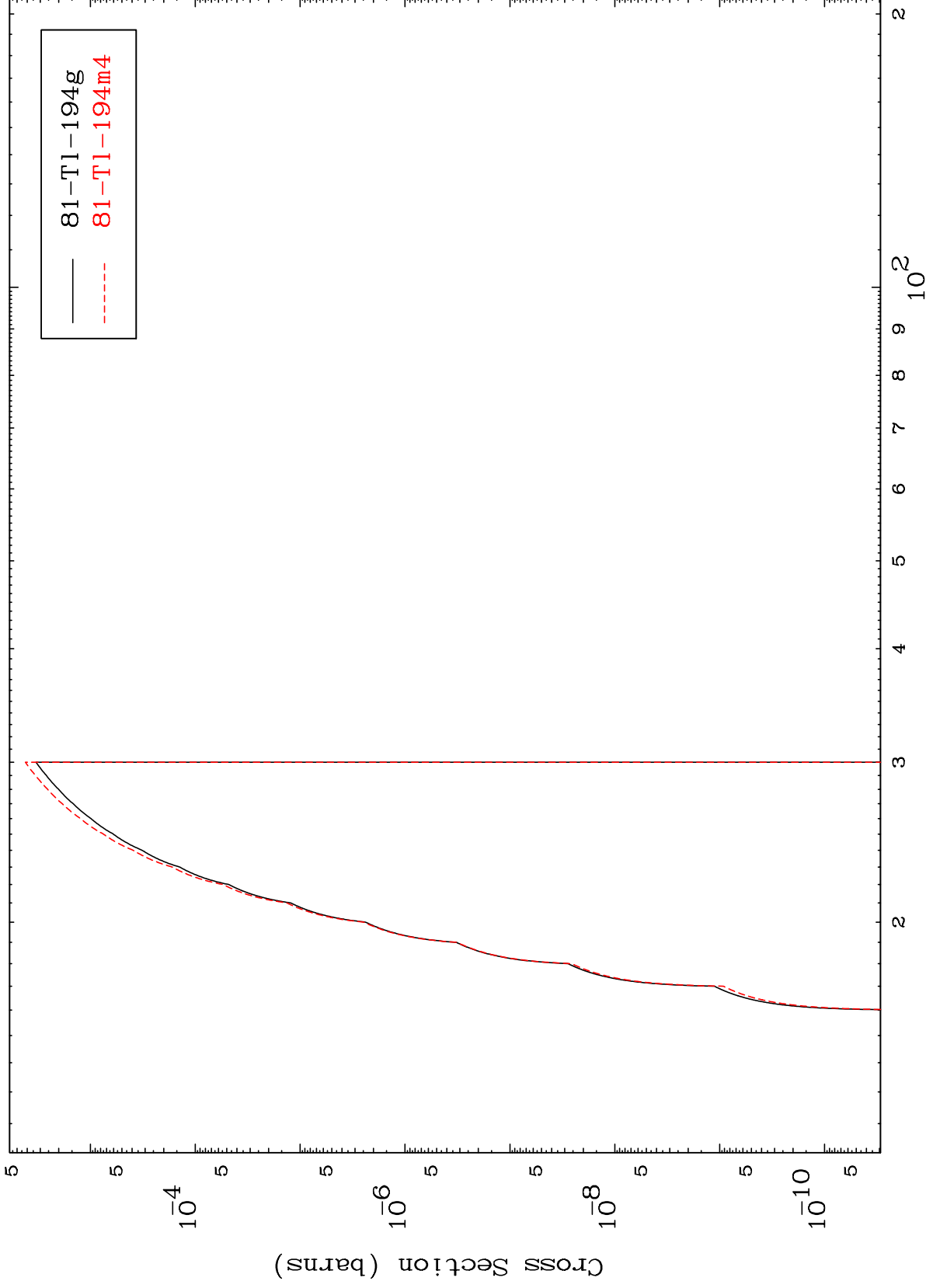


94

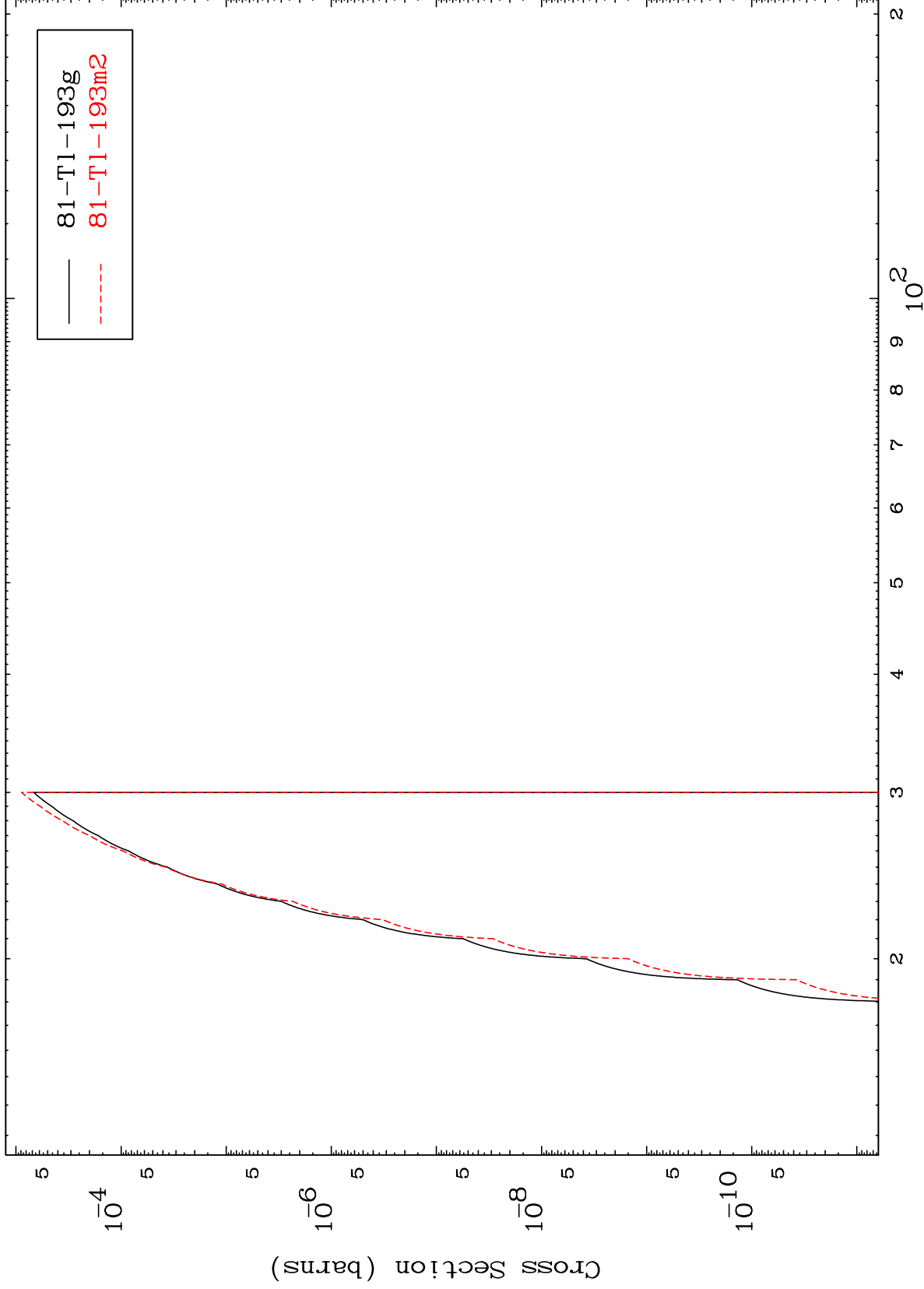
Incident Energy (MeV)

82-Pb-196

Radionuclide Production Cross Section



Radionuclide Production Cross Section

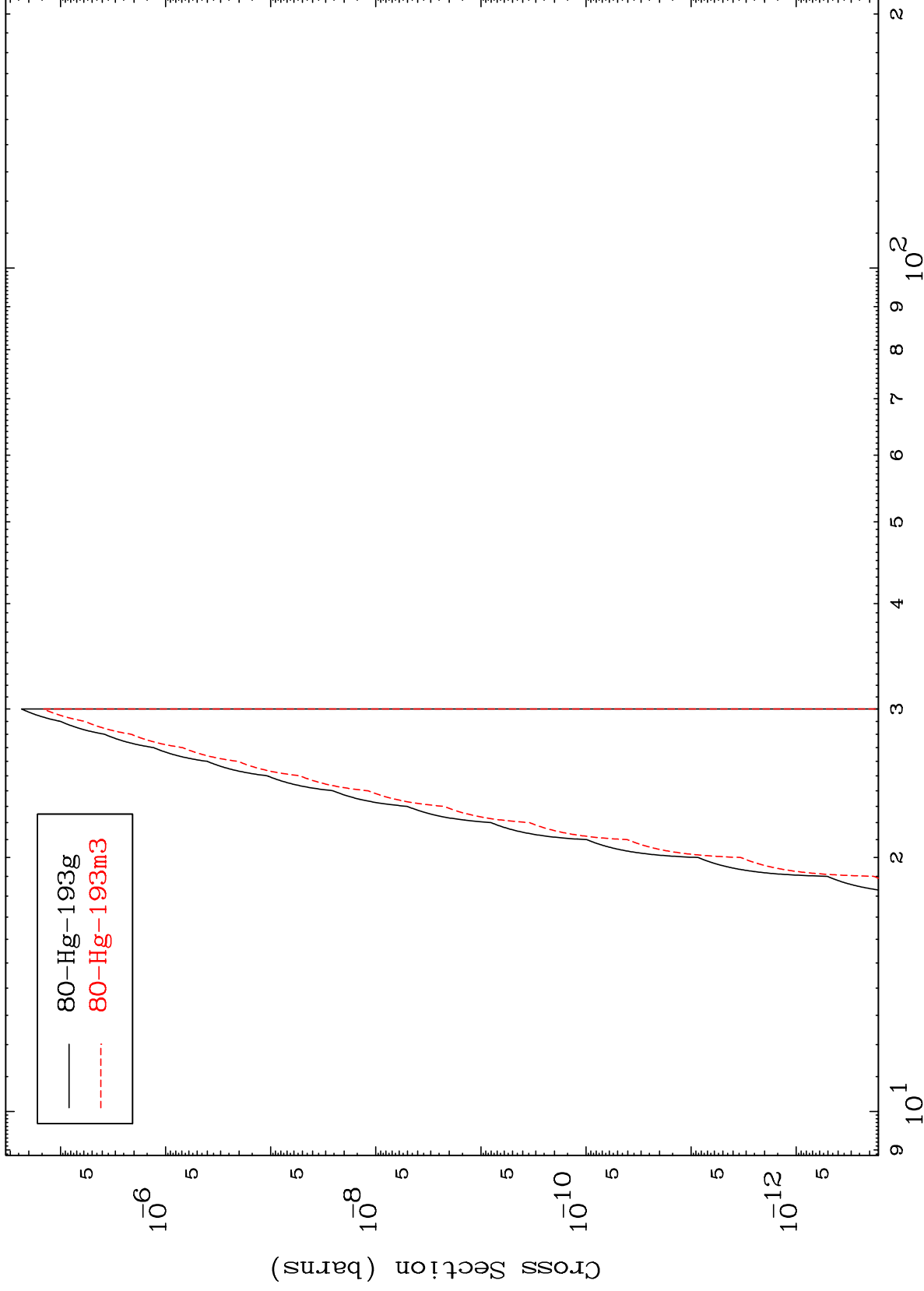


MAT 8201

(n,n') He-3

82-Pb-196

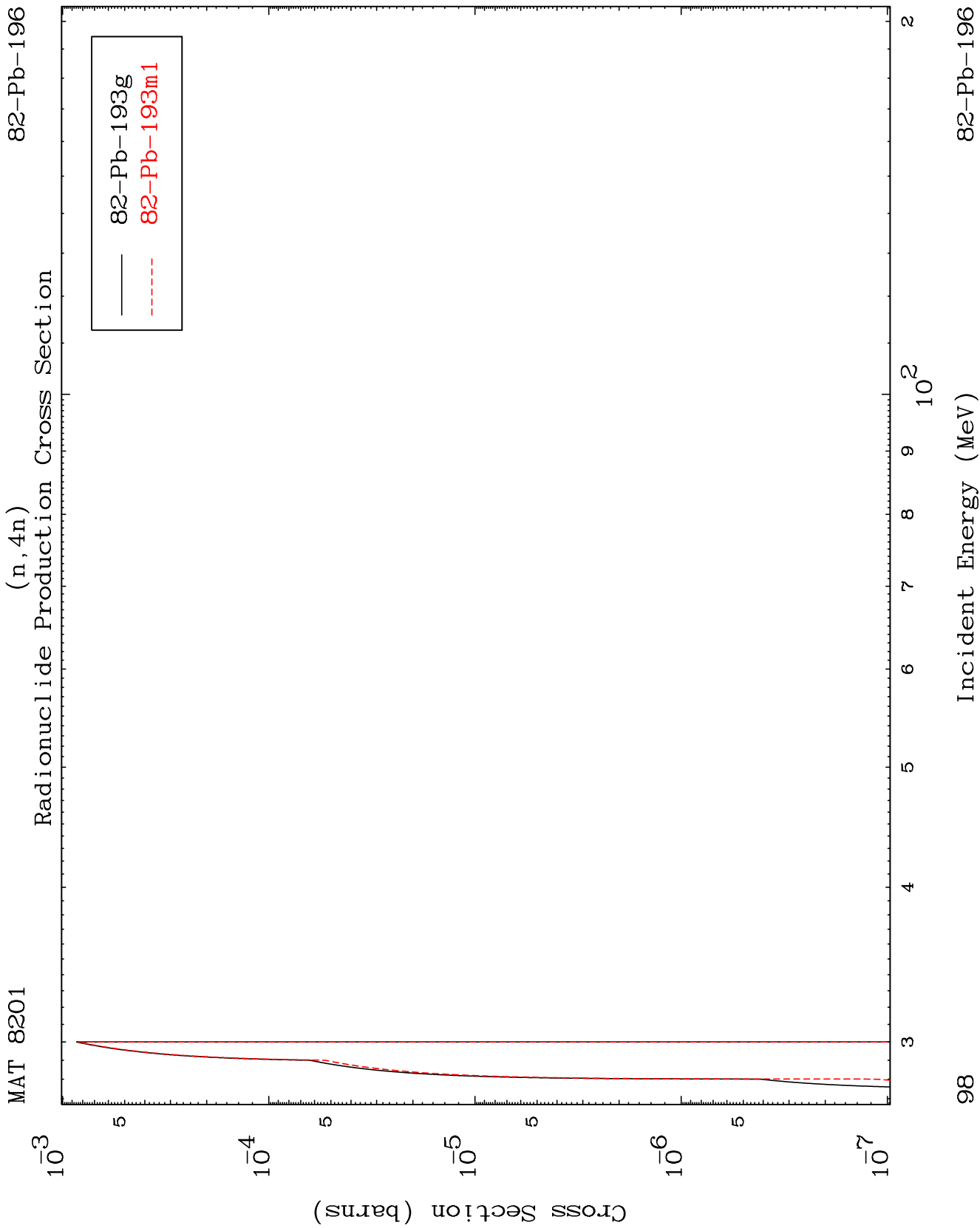
Radionuclide Production Cross Section



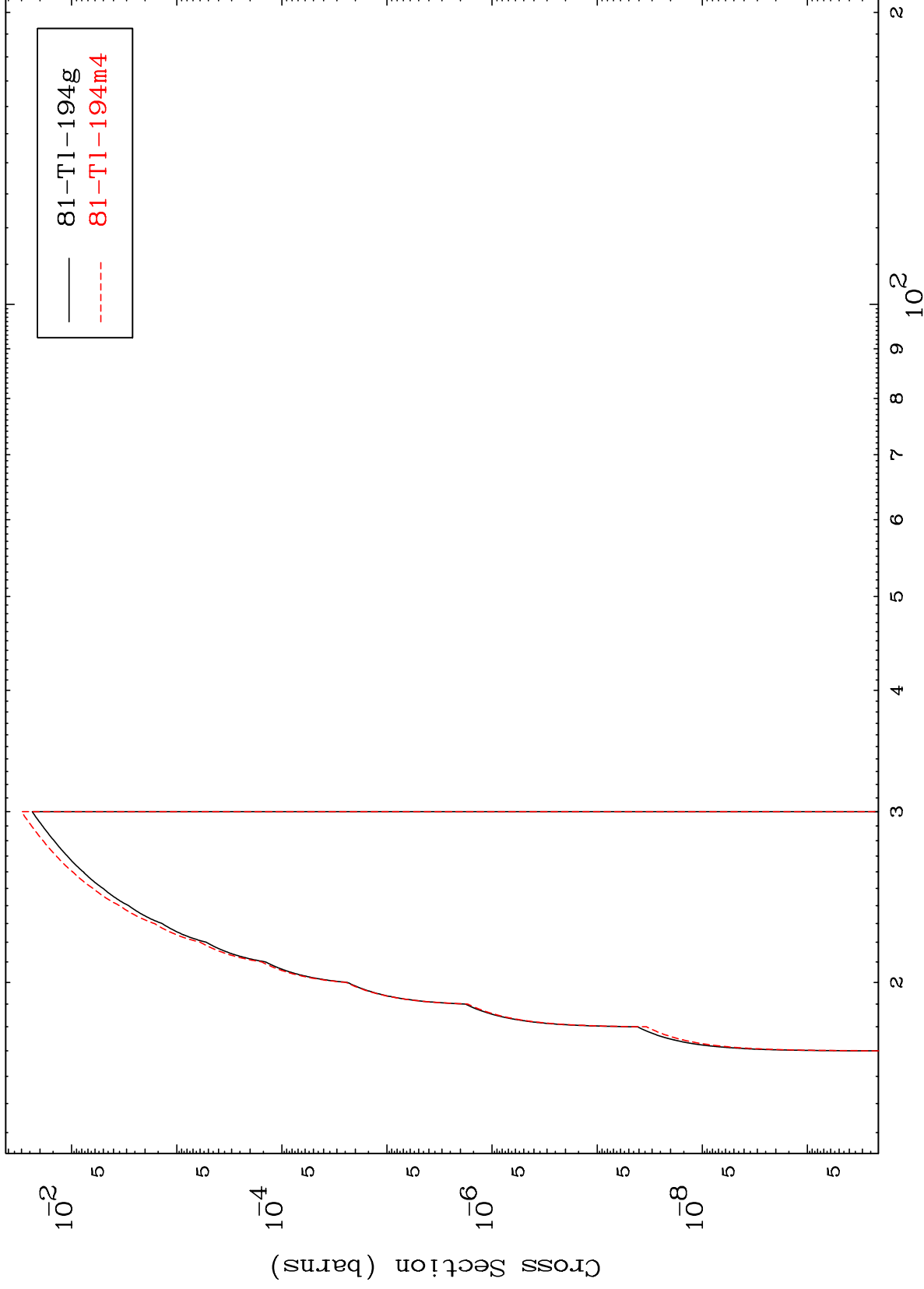
97

Incident Energy (MeV)

82-Pb-196



Radionuclide Production Cross Section

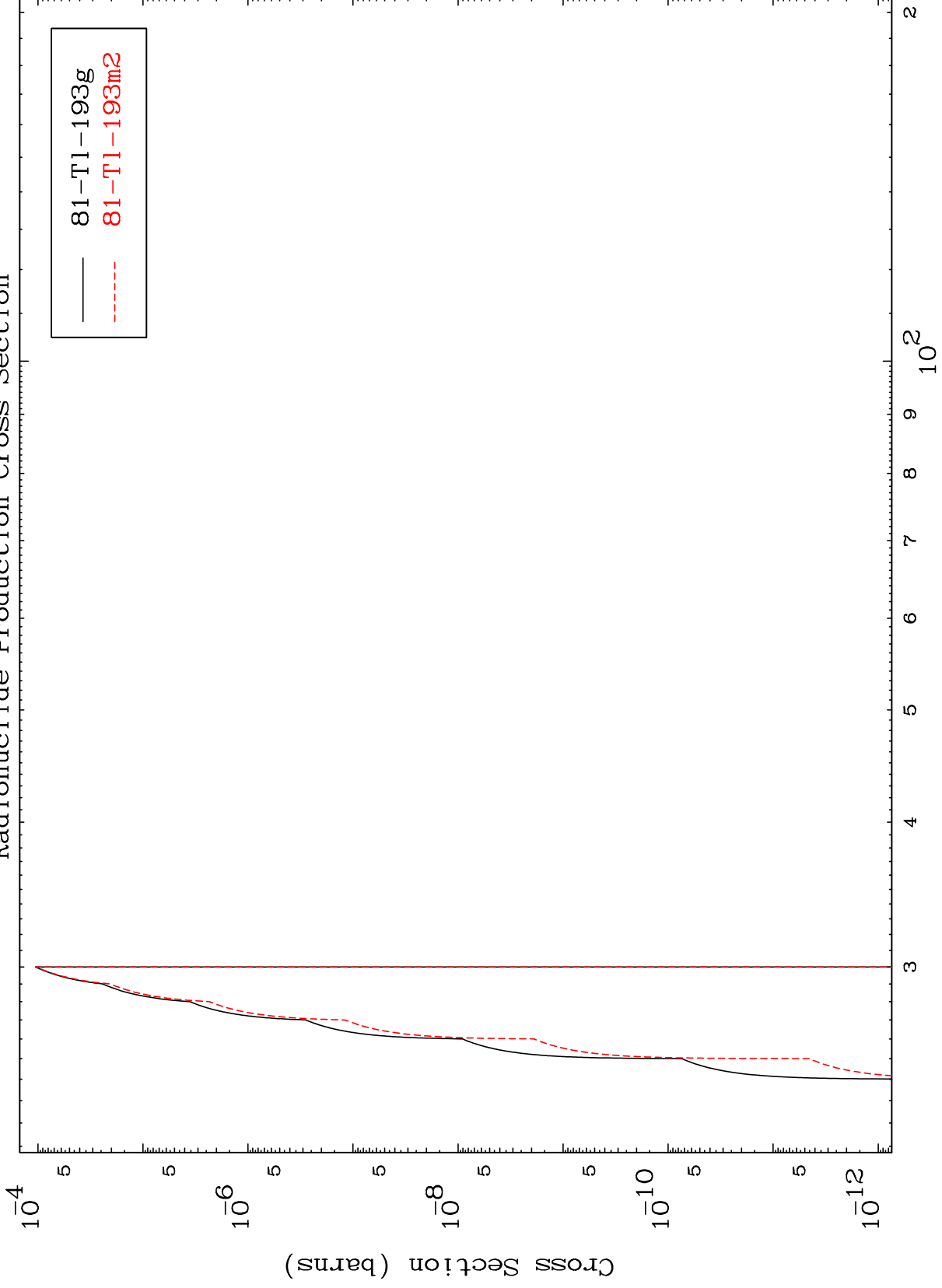


MAT 8201

(n,3n) p

82-Pb-196

Radionuclide Production Cross Section



100

Incident Energy (MeV)

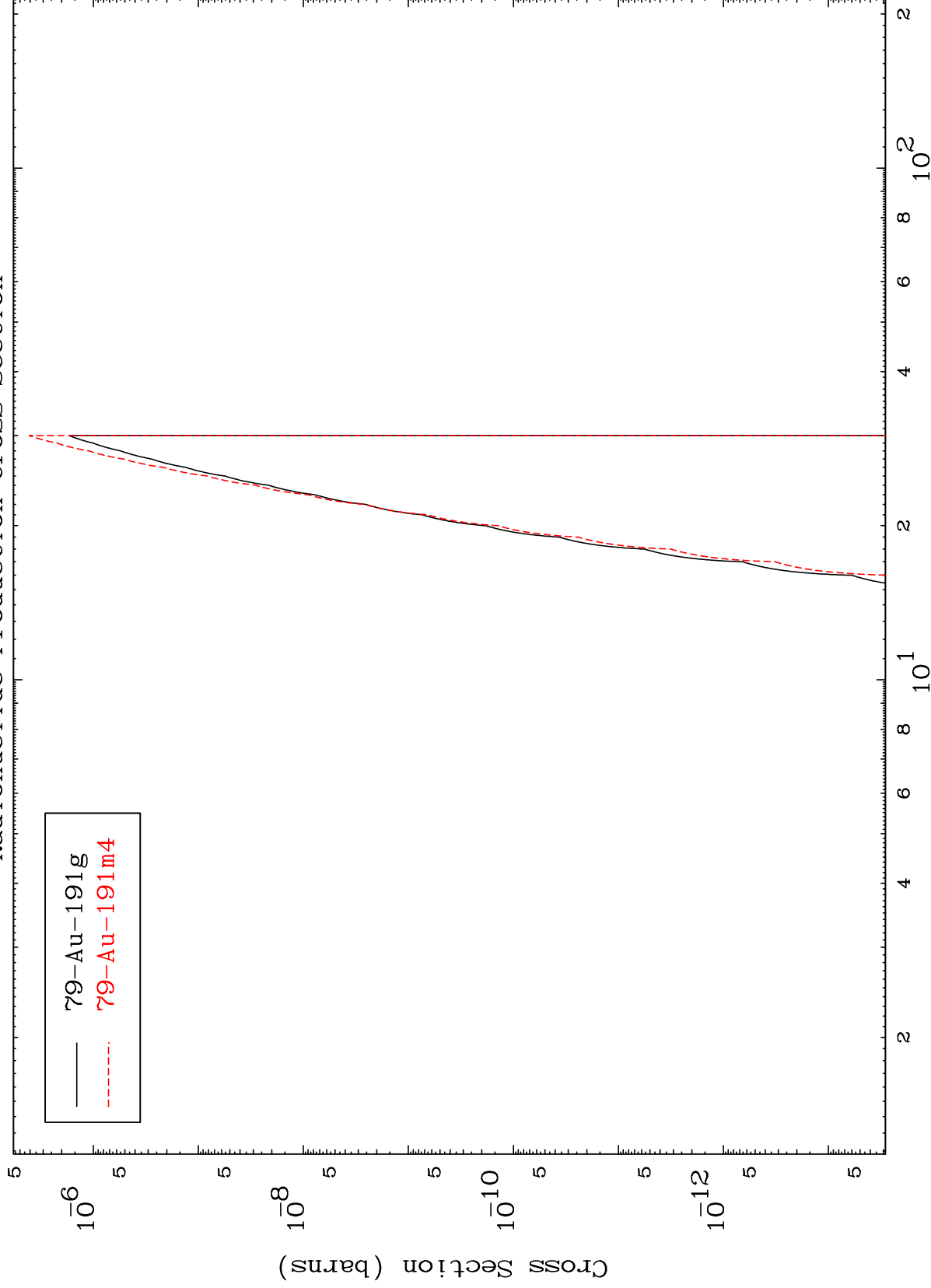
82-Pb-196

MAT 8201

(n,n') p α

82-Pb-196

Radionuclide Production Cross Section



101

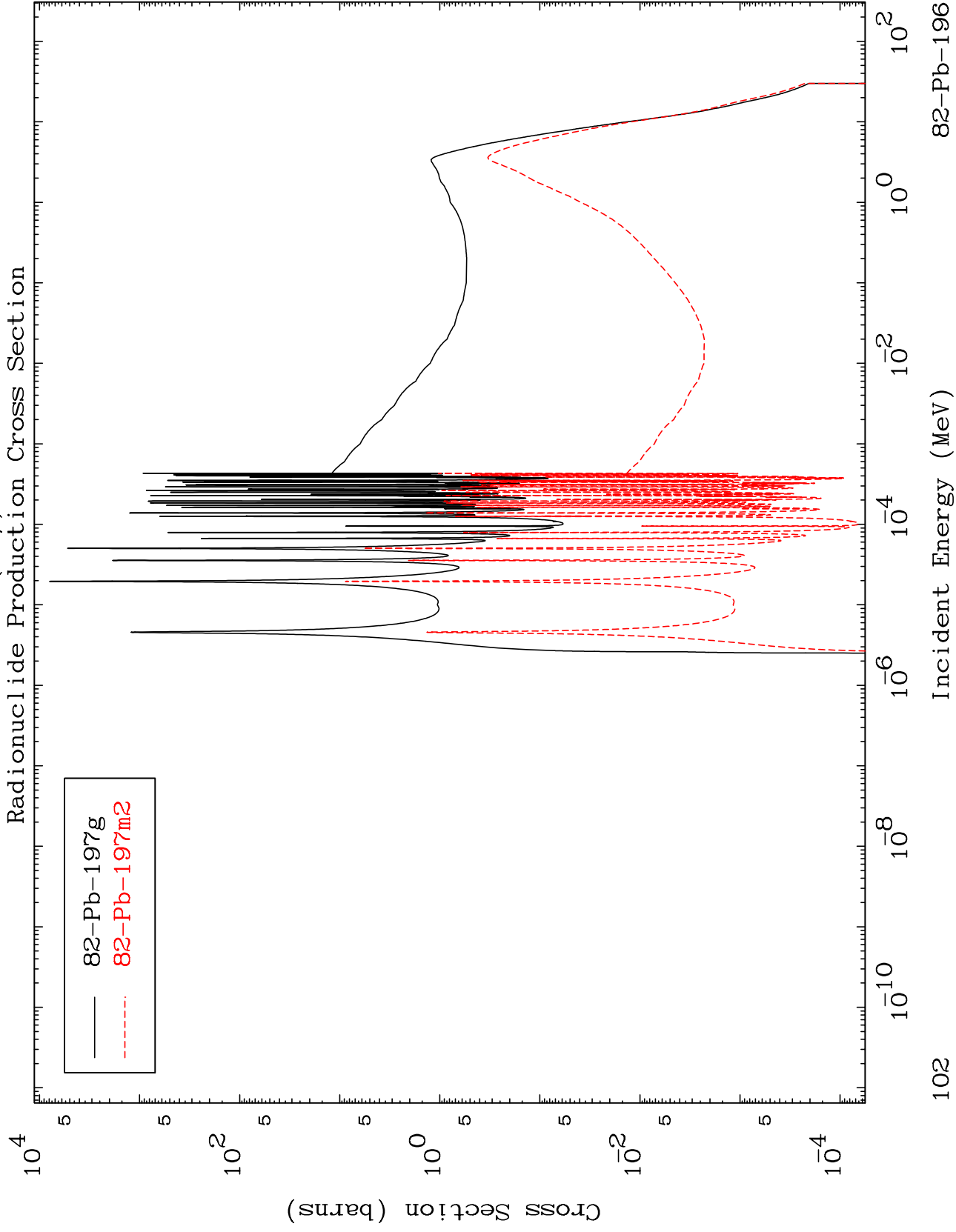
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n, γ)
Radionuclide Production Cross Section

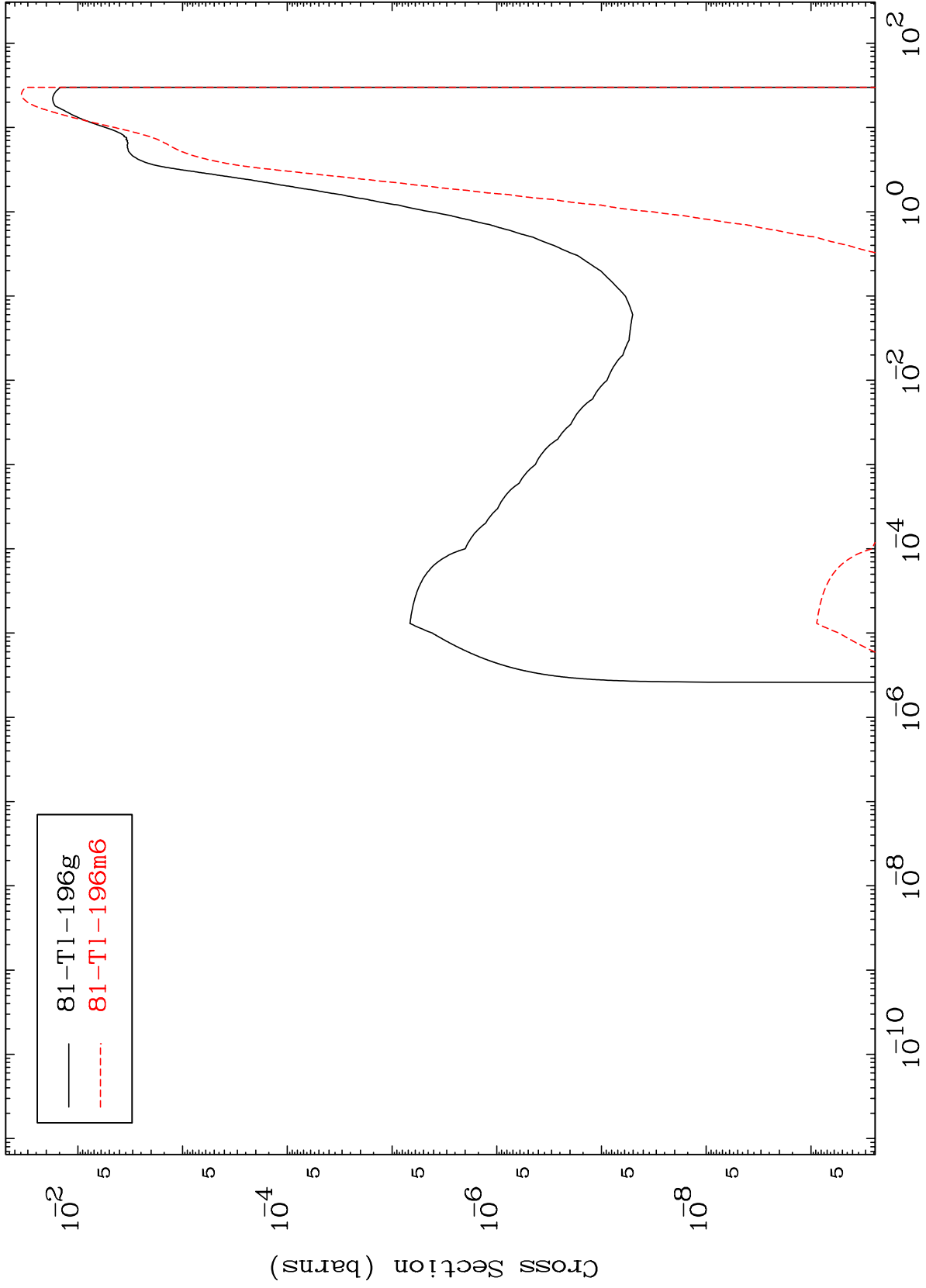


MAT 8201

(n,p)

82-Pb-196

Radionuclide Production Cross Section



103

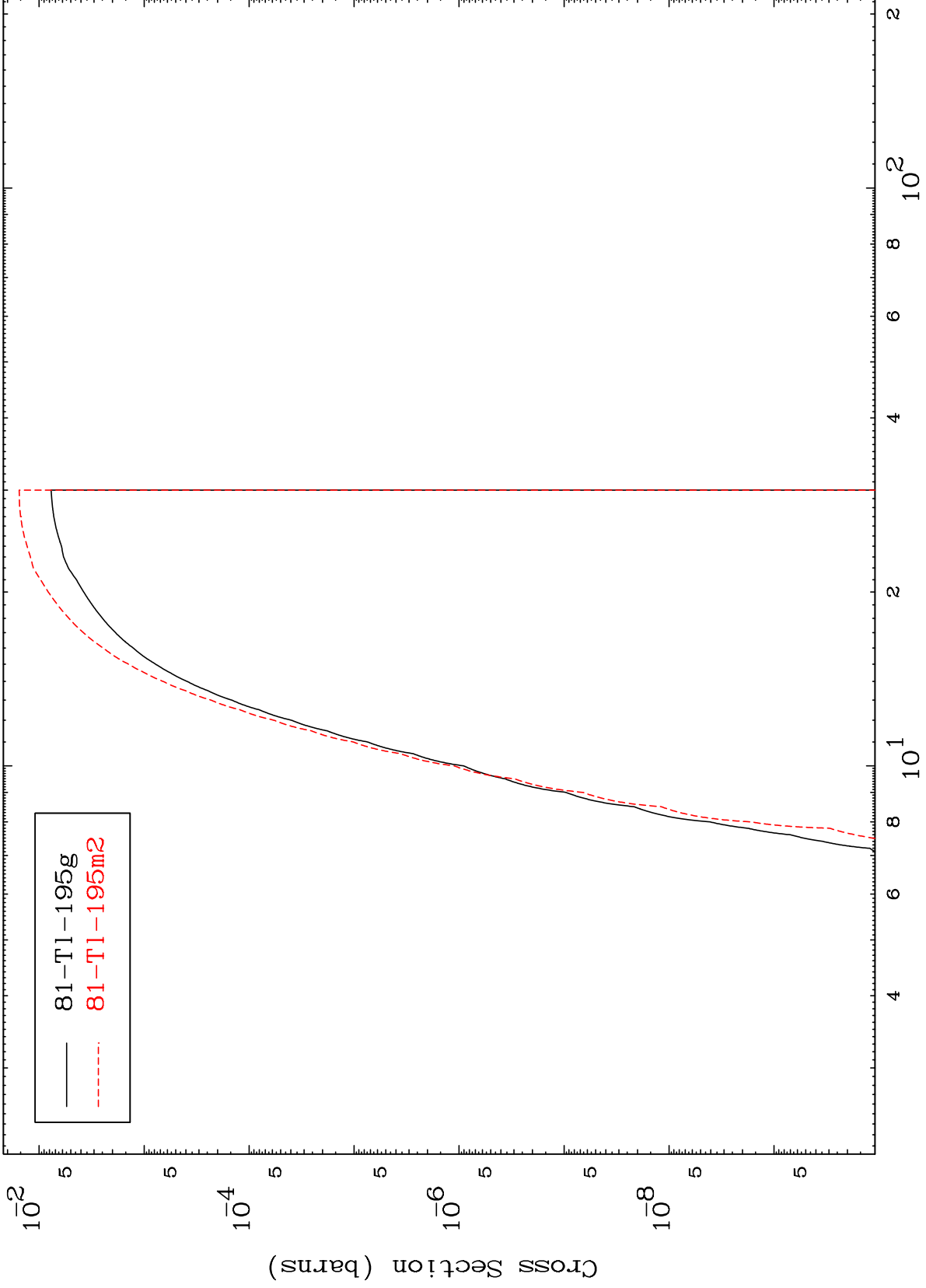
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n,d)
Radionuclide Production Cross Section



104

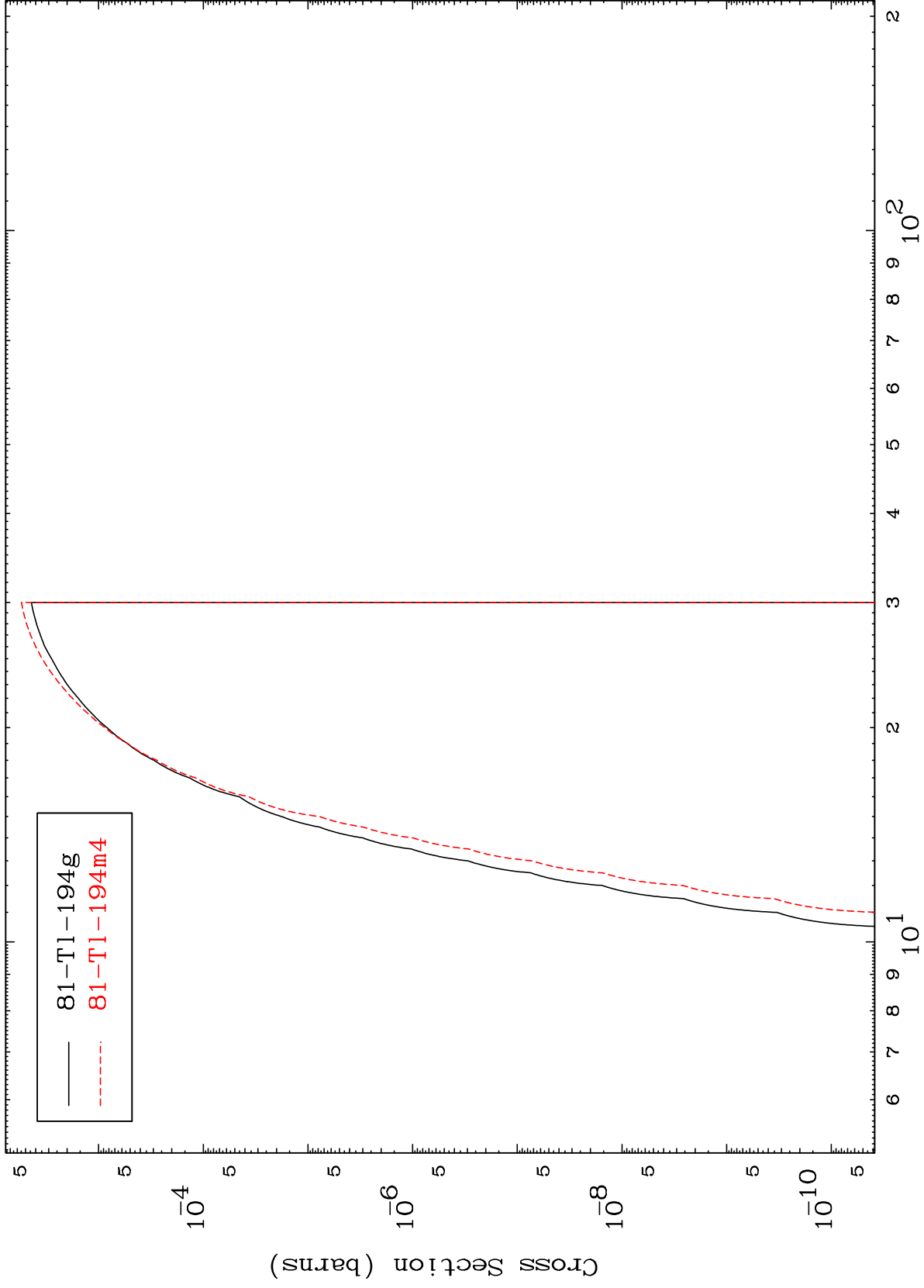
82-Pb-196

Incident Energy (MeV)

MAT 8201

82-Pb-196

(n, t)
Radionuclide Production Cross Section



105

Incident Energy (MeV)

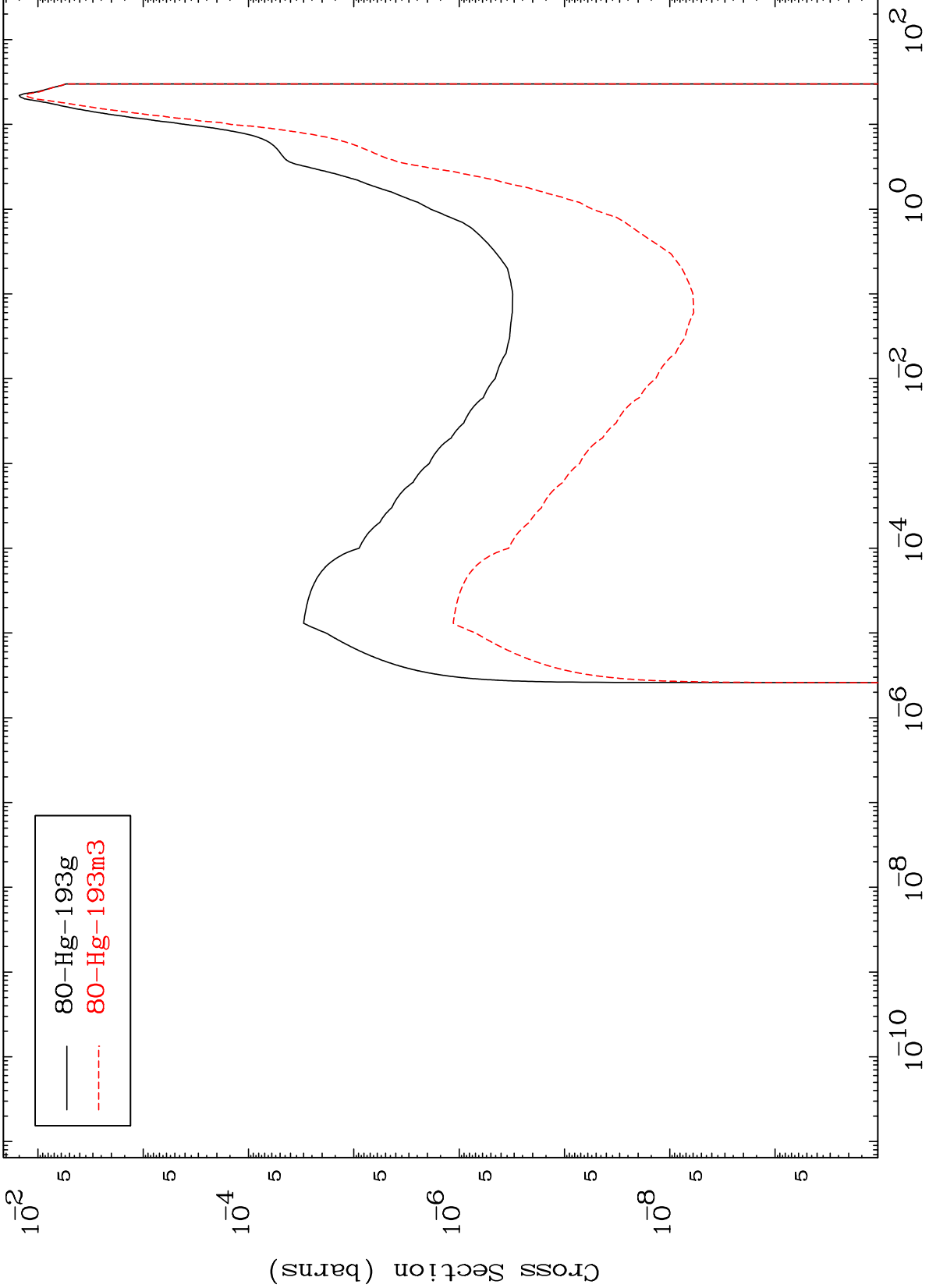
82-Pb-196

MAT 8201

(n, α)

82-Pb-196

Radionuclide Production Cross Section



106

Incident Energy (MeV)

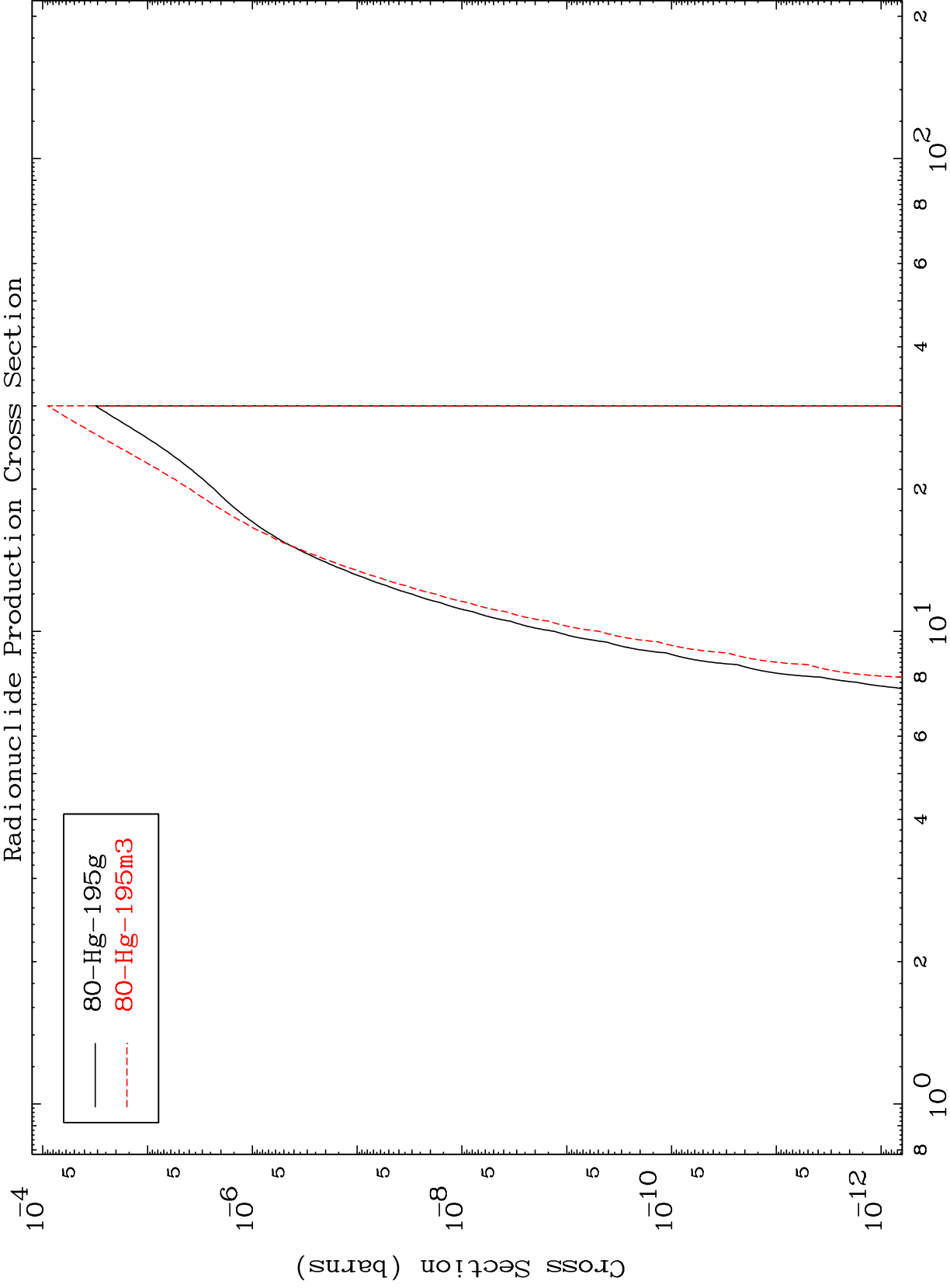
82-Pb-196

MAT 8201

(n,2p)

82-Pb-196

Radionuclide Production Cross Section



107

Incident Energy (MeV)

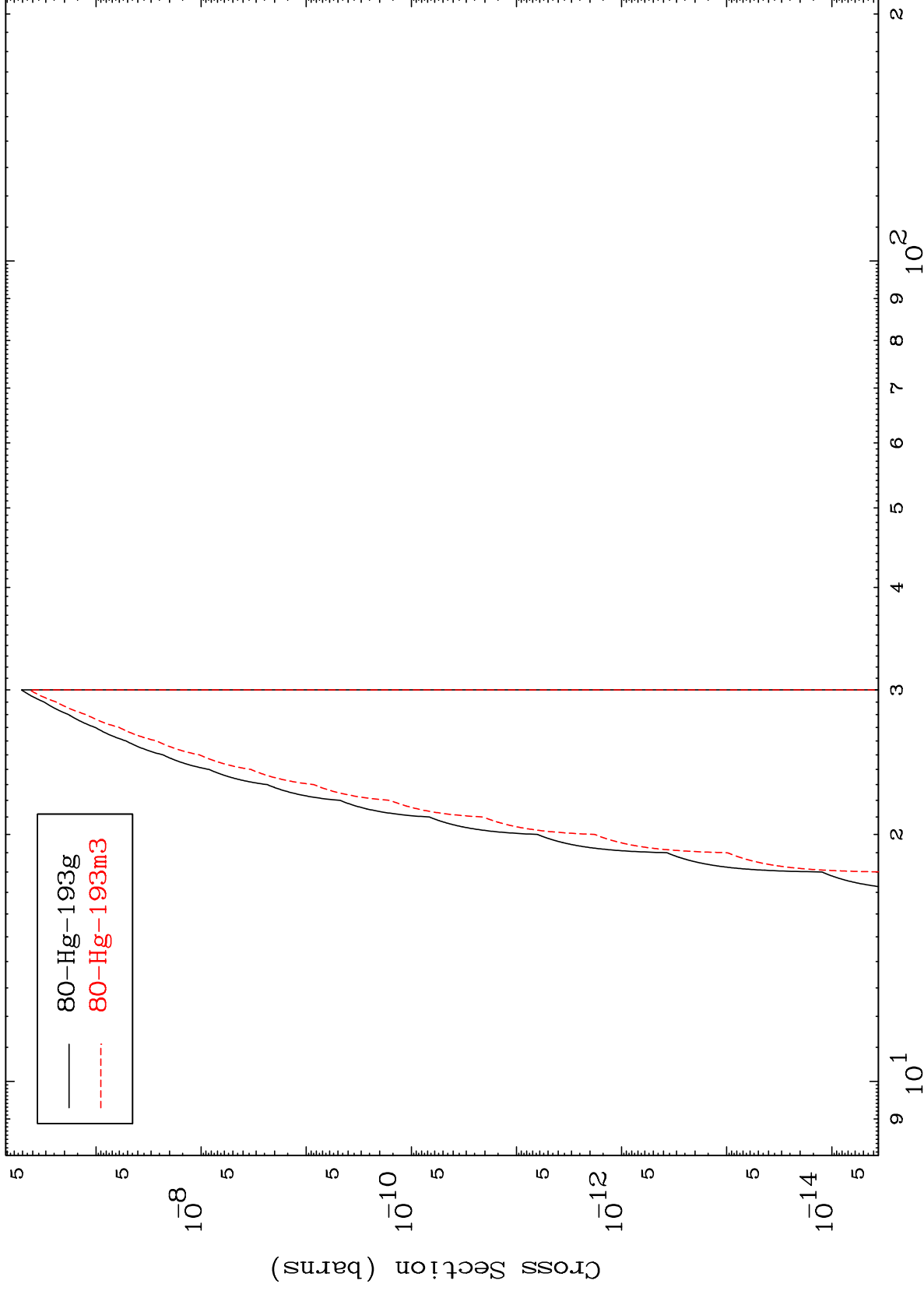
82-Pb-196

MAT 8201

(n,p) t

82-Pb-196

Radionuclide Production Cross Section



108

Incident Energy (MeV)

82-Pb-196

MAT 8201

(n,d) α

82-Pb-196

Radionuclide Production Cross Section

