

Program EVALPLOT
(Version 2017-1)

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

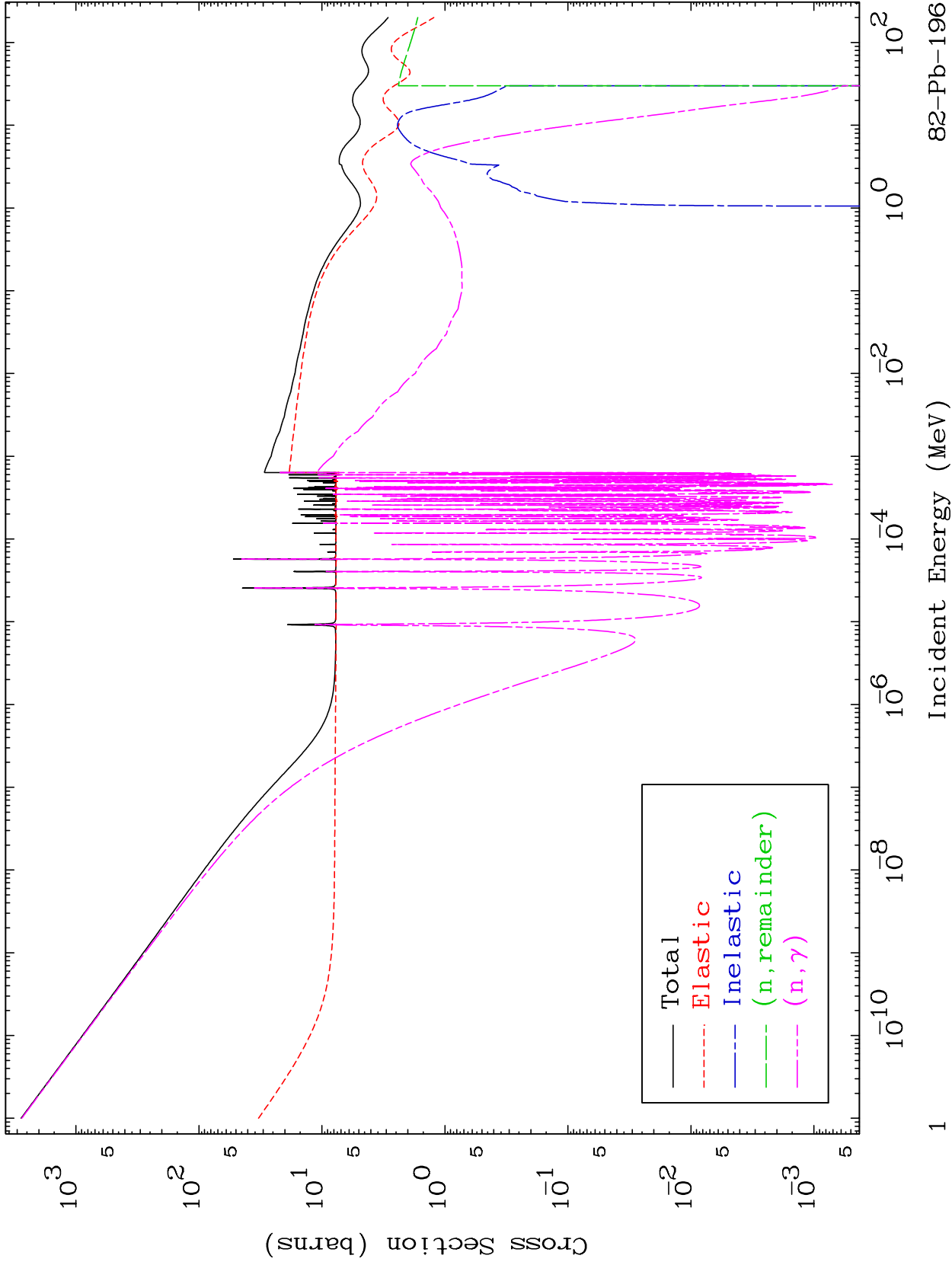
Press Mouse Button to Start

MAT 8201

Major

293 Kelvin Cross Sections

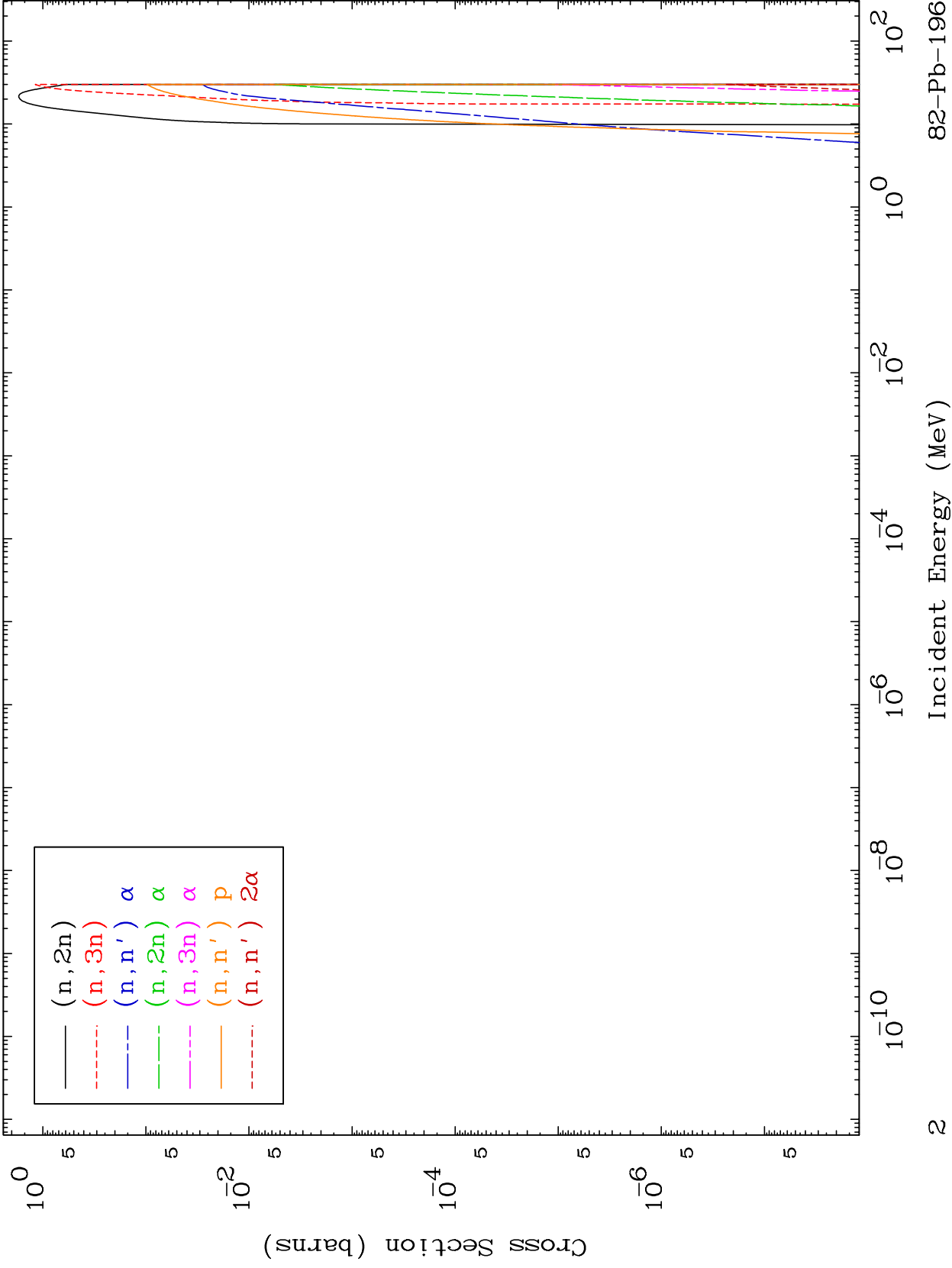
82-Pb-196



MAT 8201

Neutron Production
293 Kelvin Cross Sections

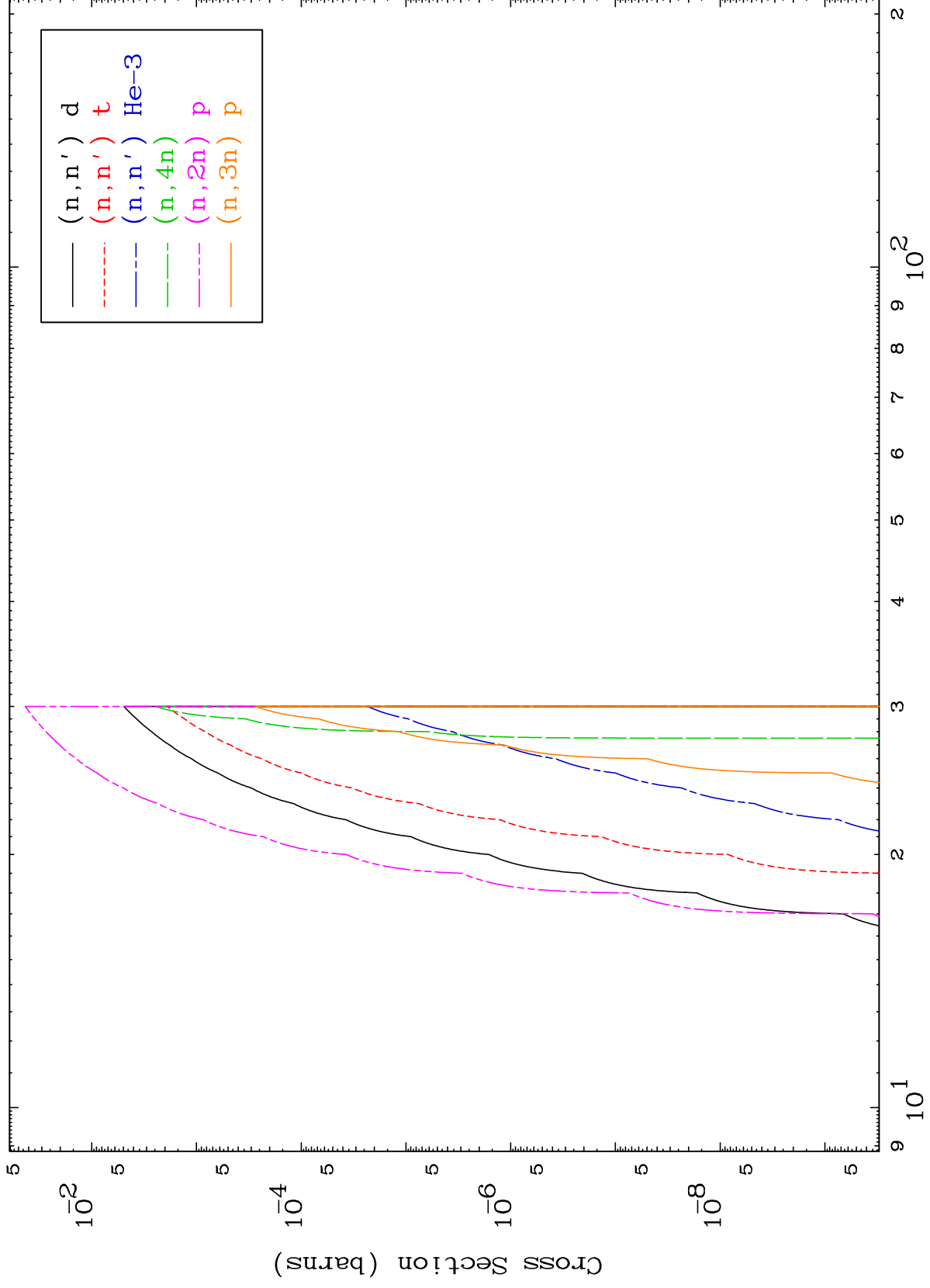
82-Pb-196



MAT 8201

Neutron Production
293 Kelvin Cross Sections

82-Pb-196



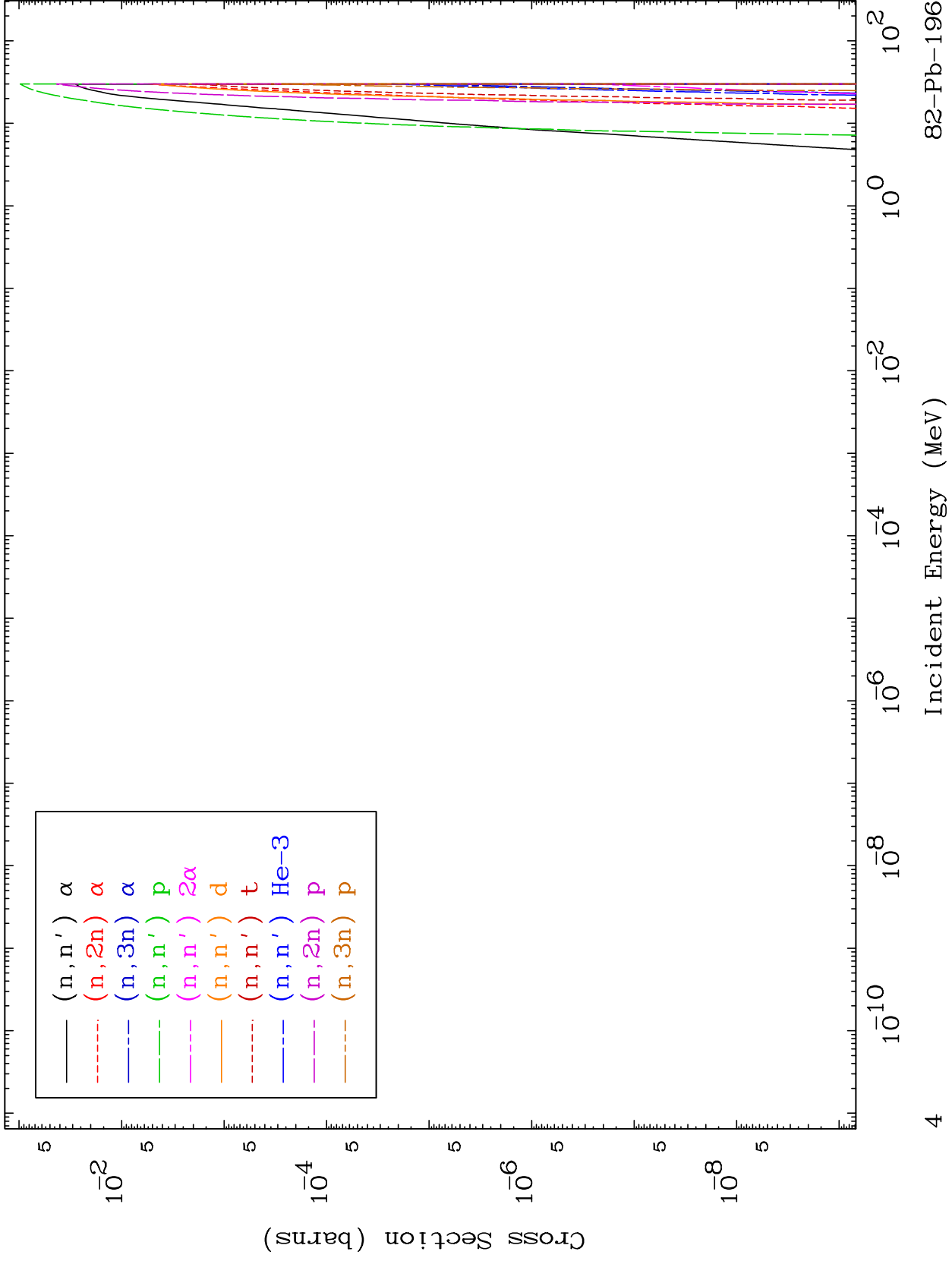
Incident Energy (MeV)

82-Pb-196

MAT 8201

Charged Particle
293 Kelvin Cross Sections

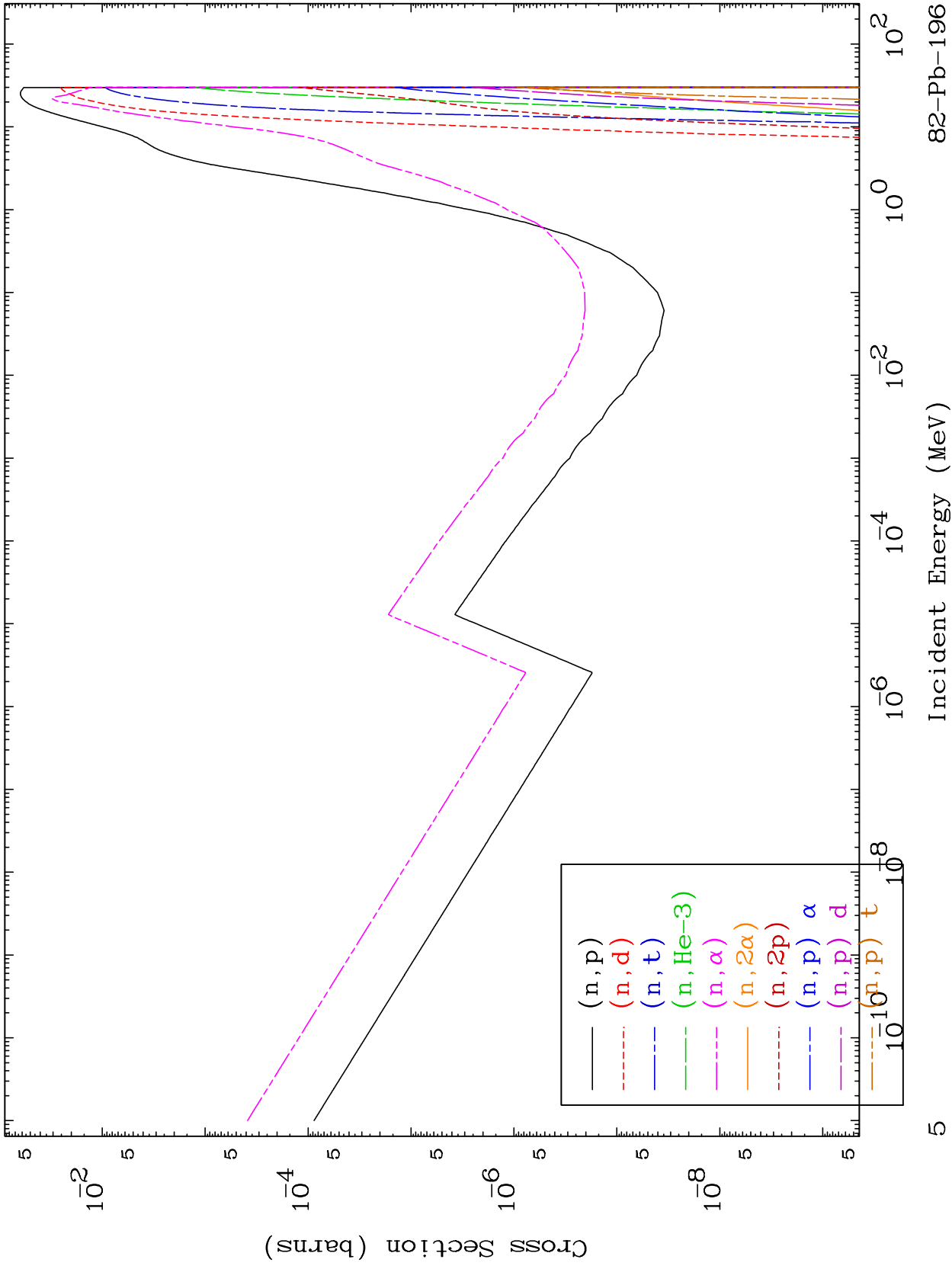
82-Pb-196



MAT 8201

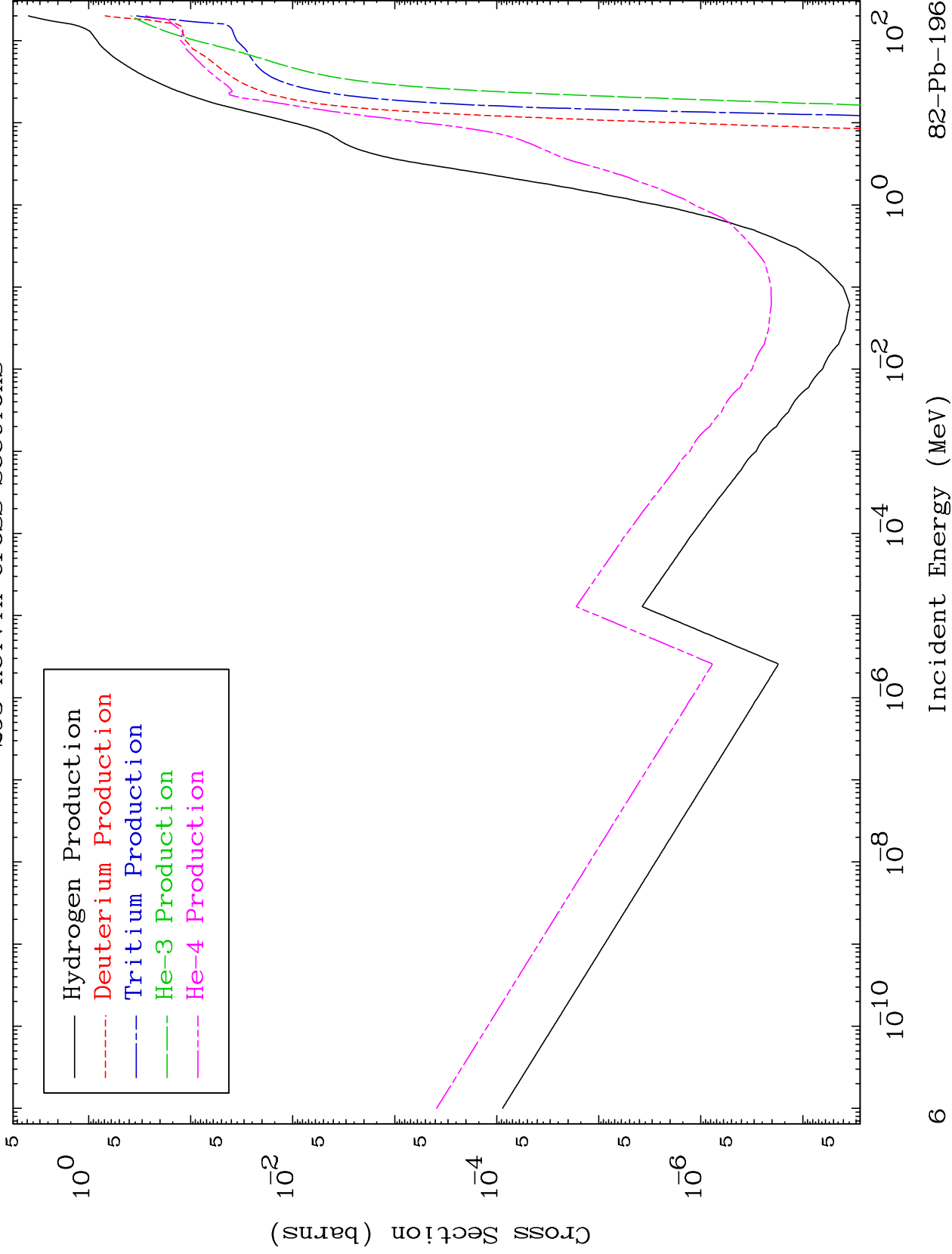
Charged Particle
293 Kelvin Cross Sections

82-Pb-196



5

82-Pb-196

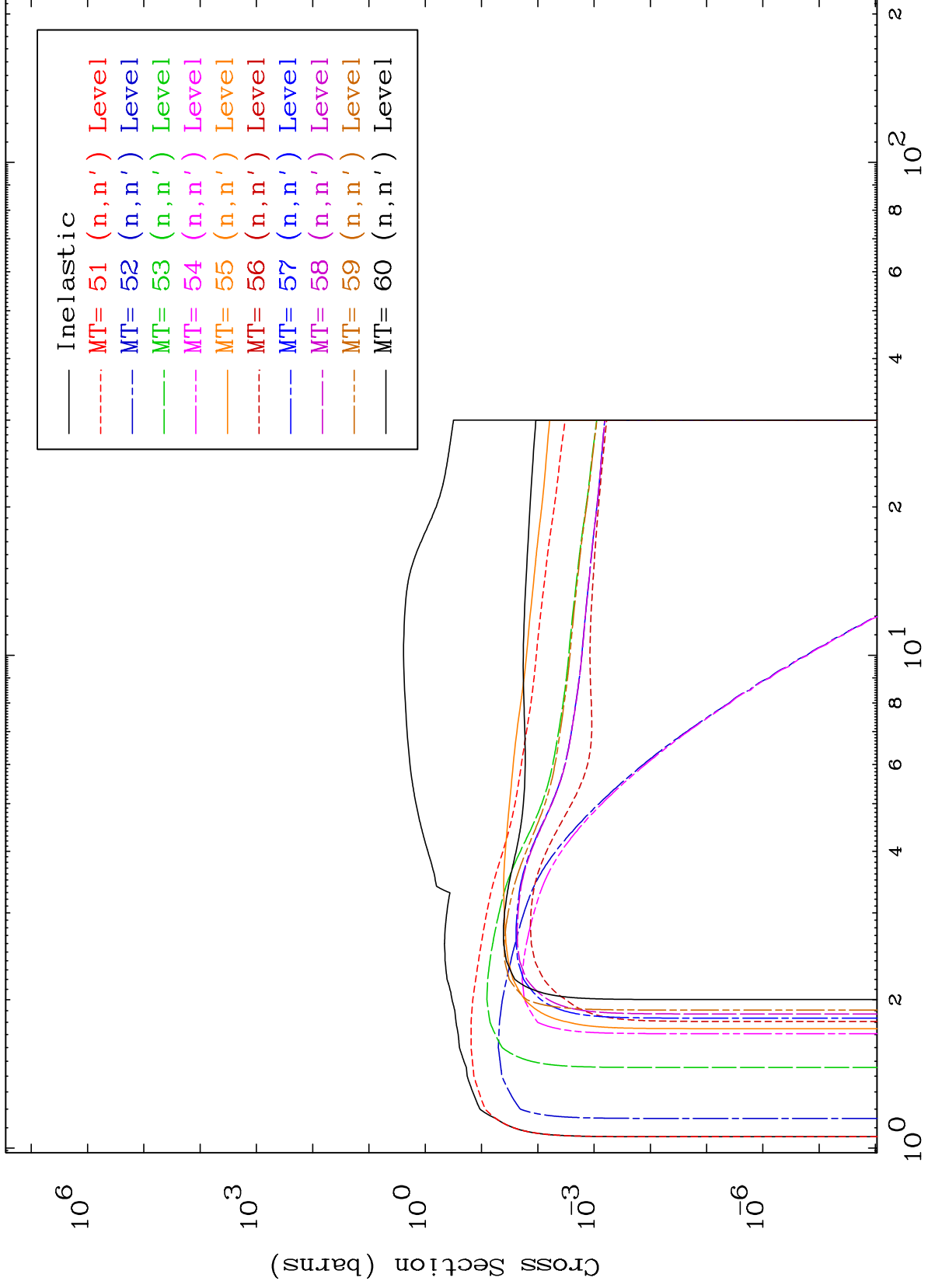


MAT 8201

(n,n') Level

82-Pb-196

293 Kelvin Cross Sections



Incident Energy (MeV)

82-Pb-196

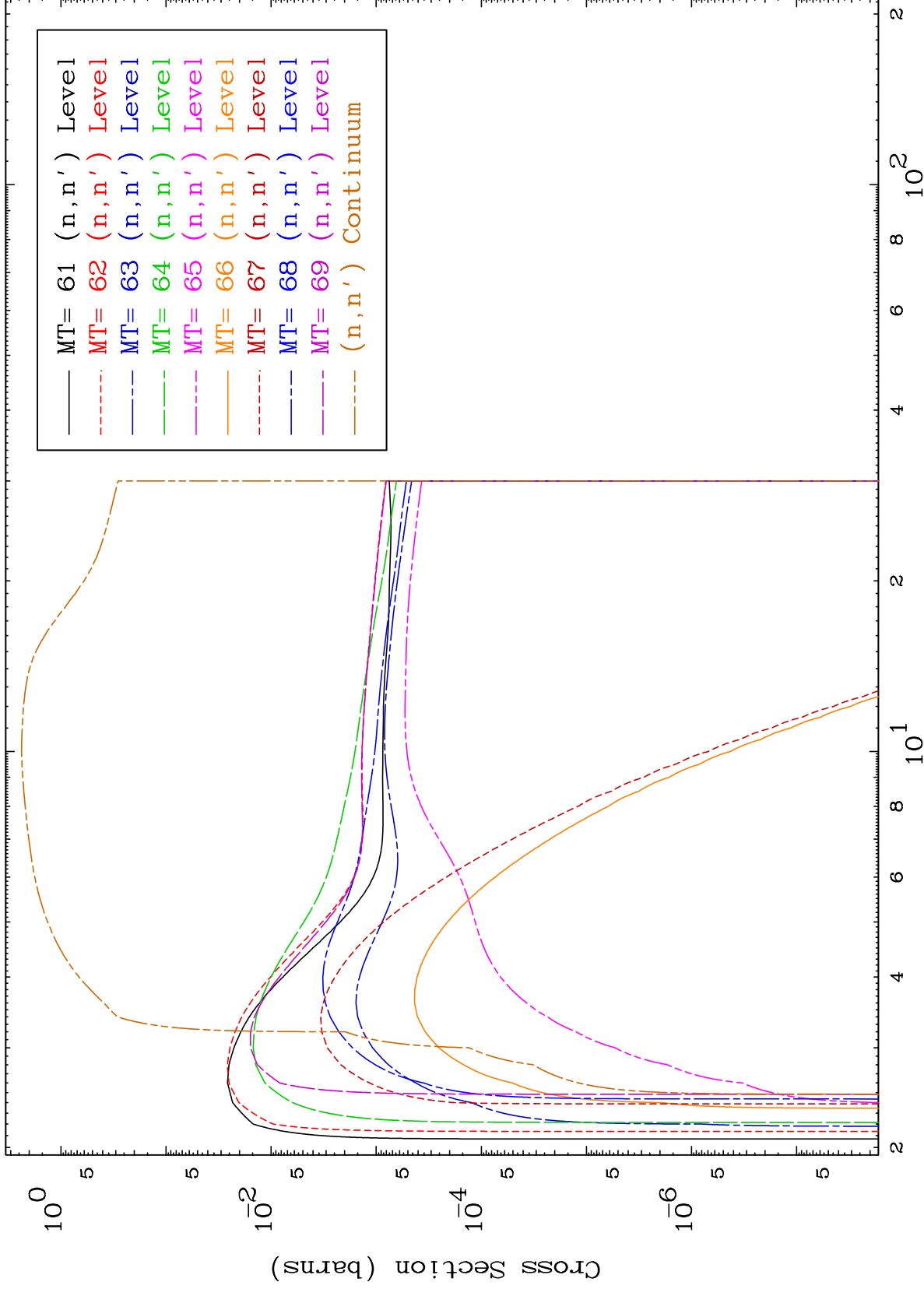
7

MAT 8201

(n,n') Level

82-Pb-196

293 Kelvin Cross Sections



8

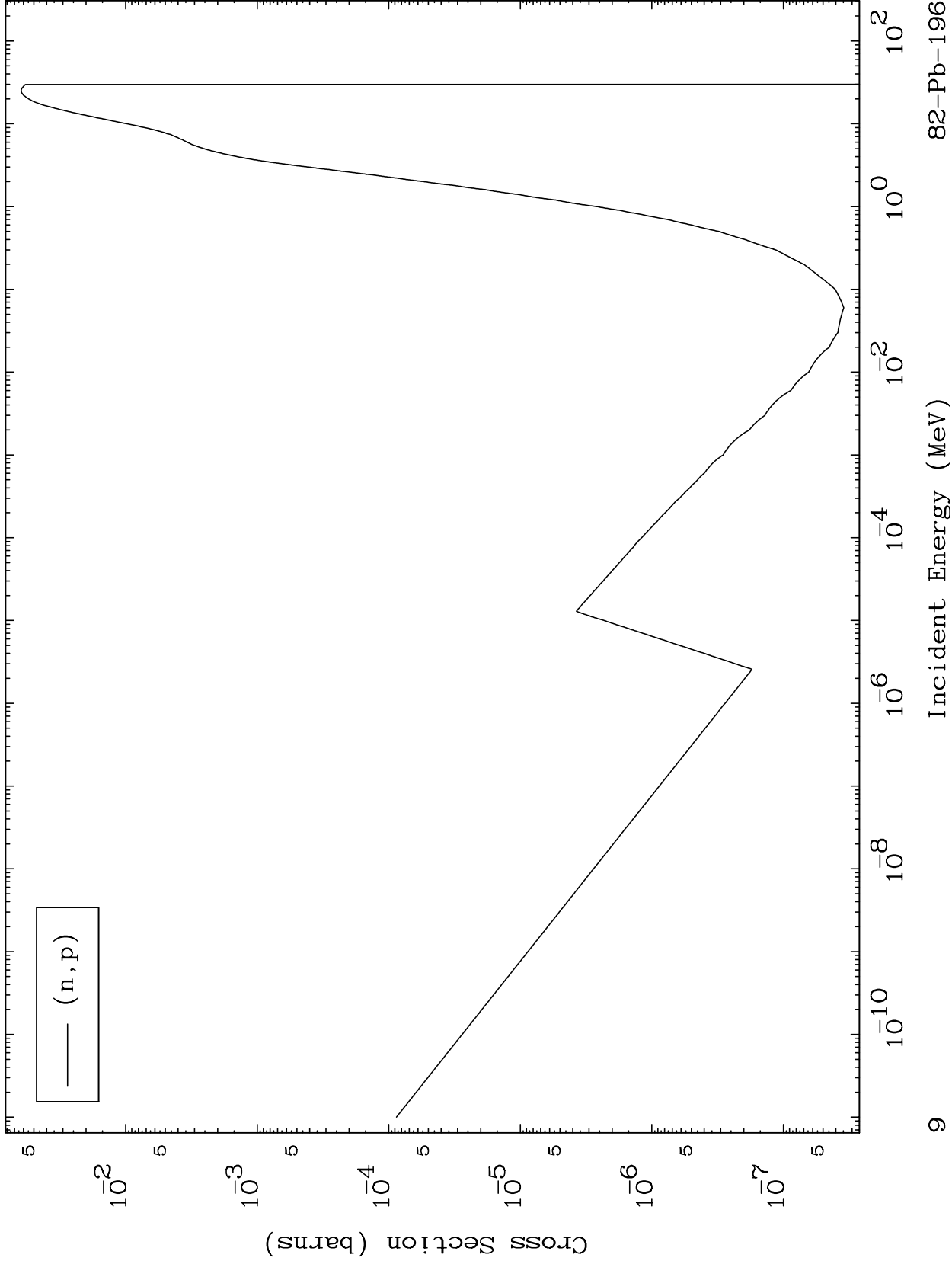
Incident Energy (MeV)

82-Pb-196

MAT 8201

(n,p) Levels
293 Kelvin Cross Sections

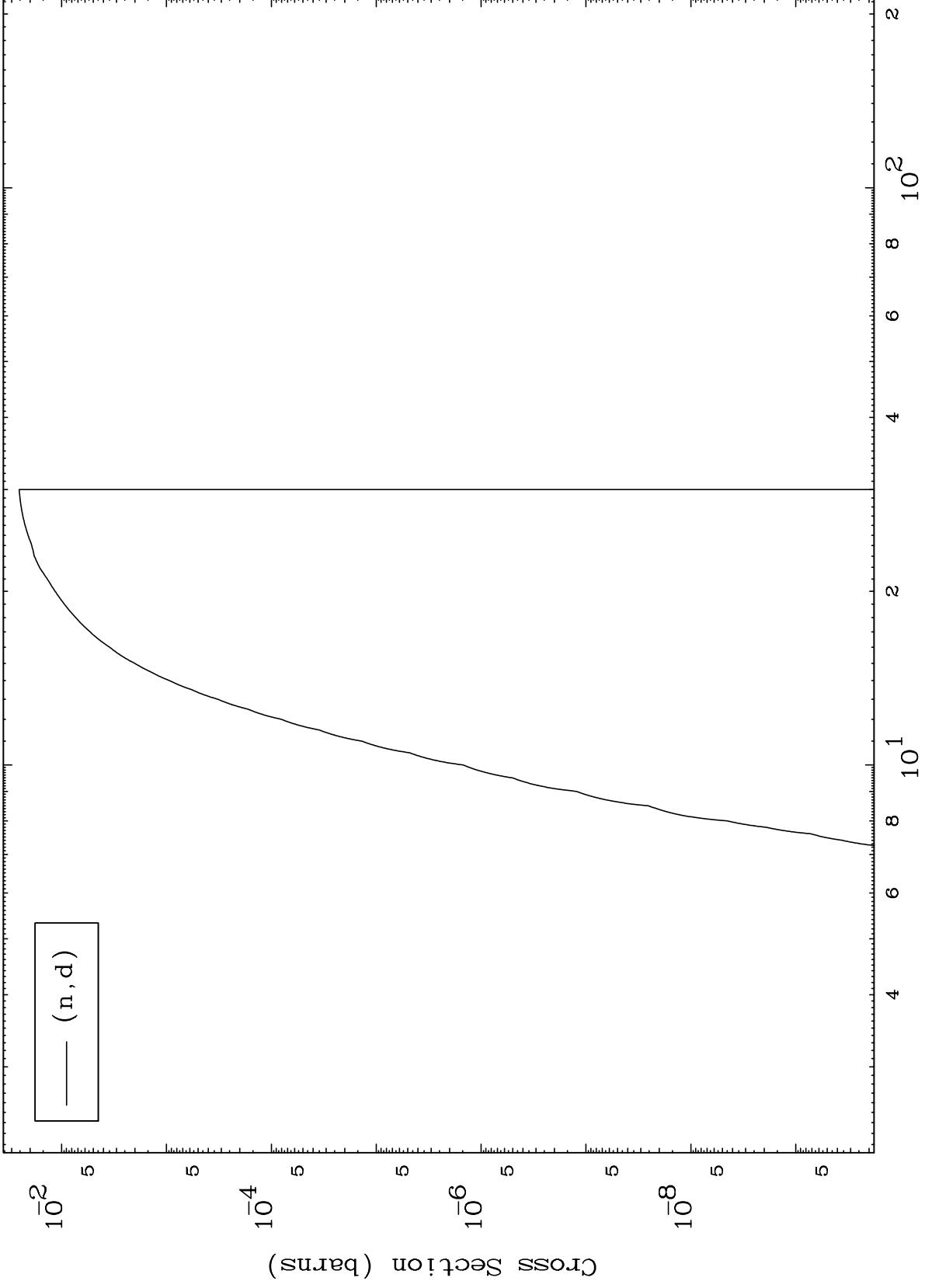
82-Pb-196



MAT 8201

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-196



10

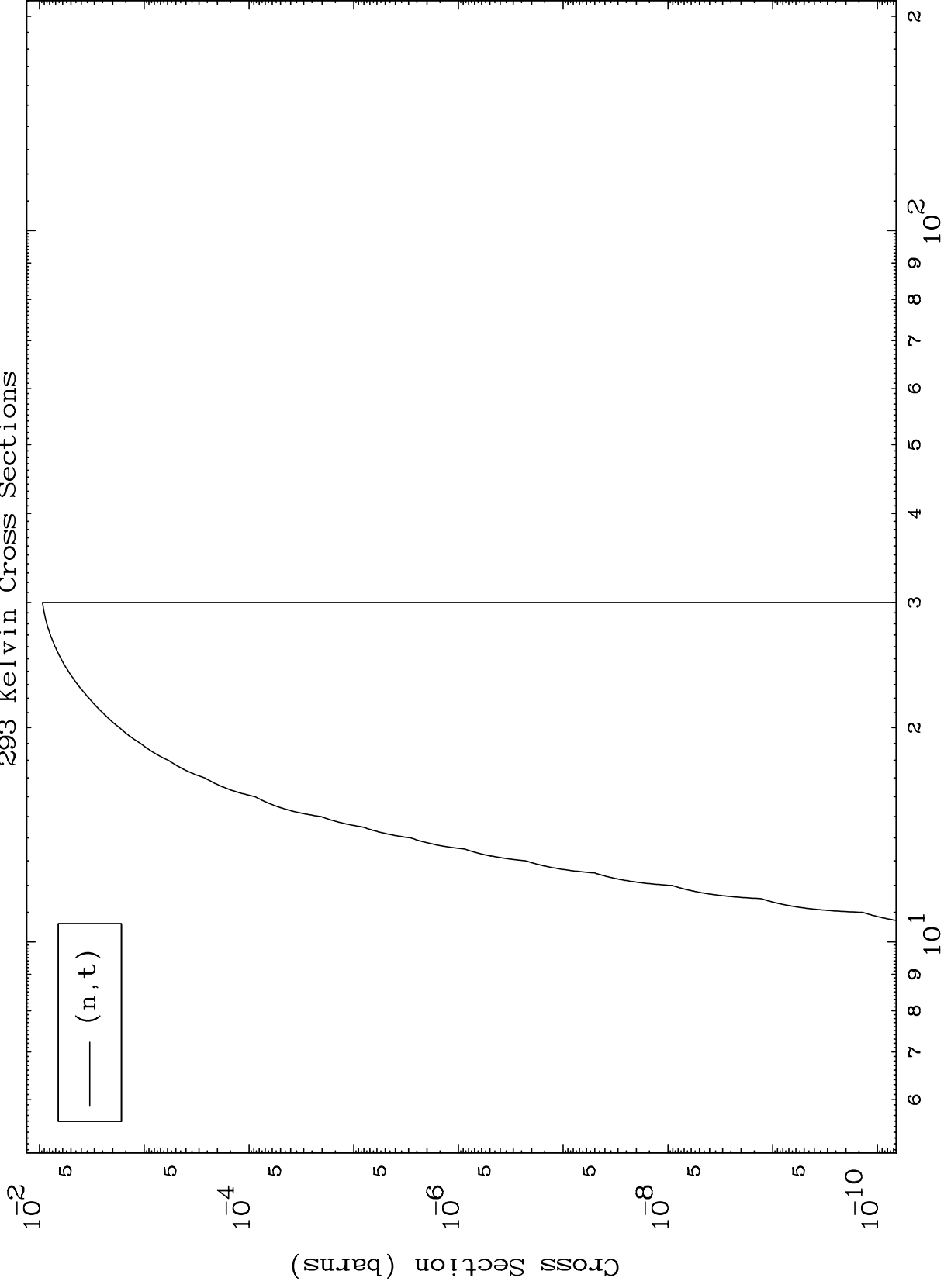
Incident Energy (MeV)

82-Pb-196

MAT 8201

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-196



11

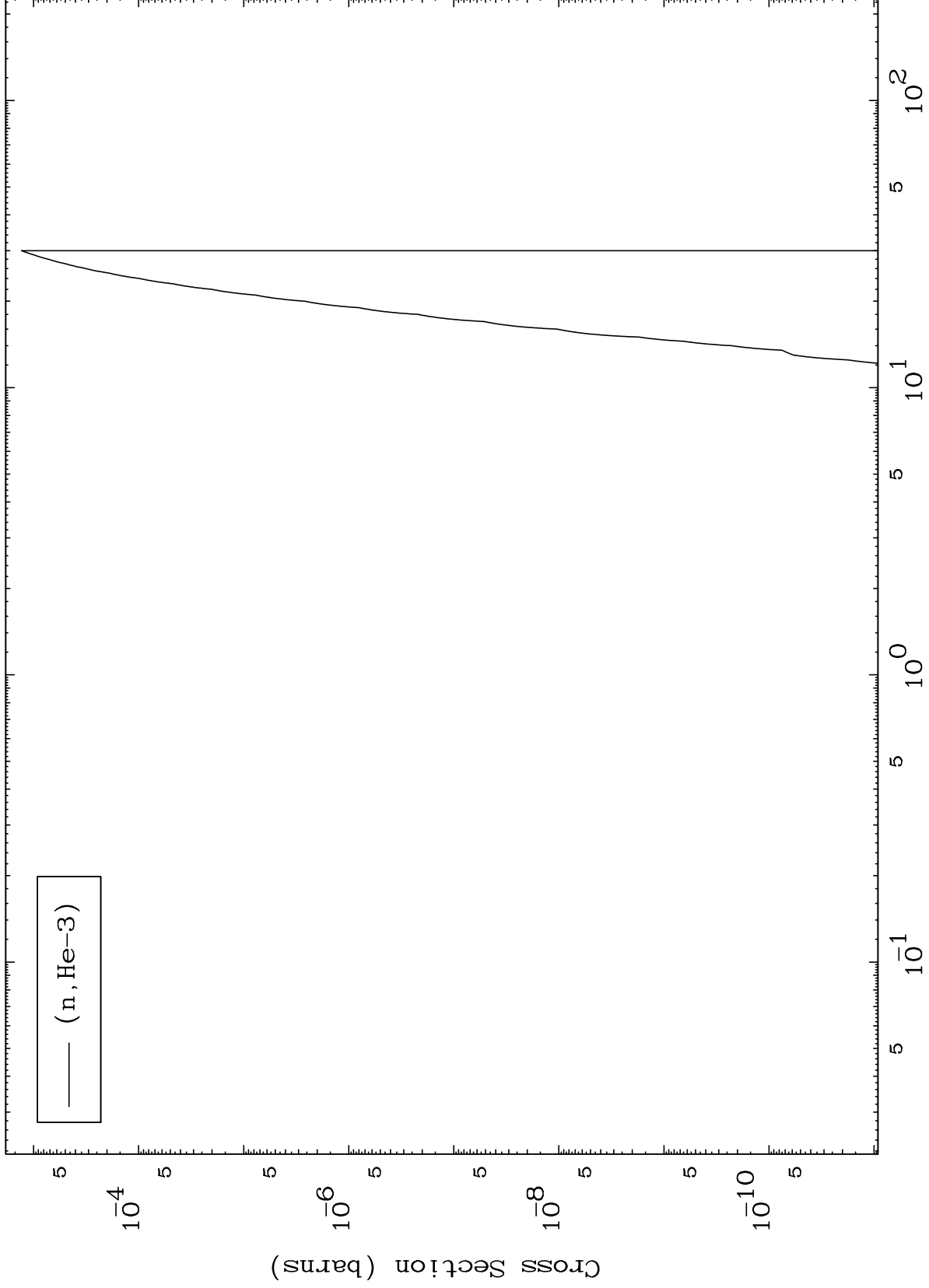
Incident Energy (MeV)

82-Pb-196

MAT 8201

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-196



12

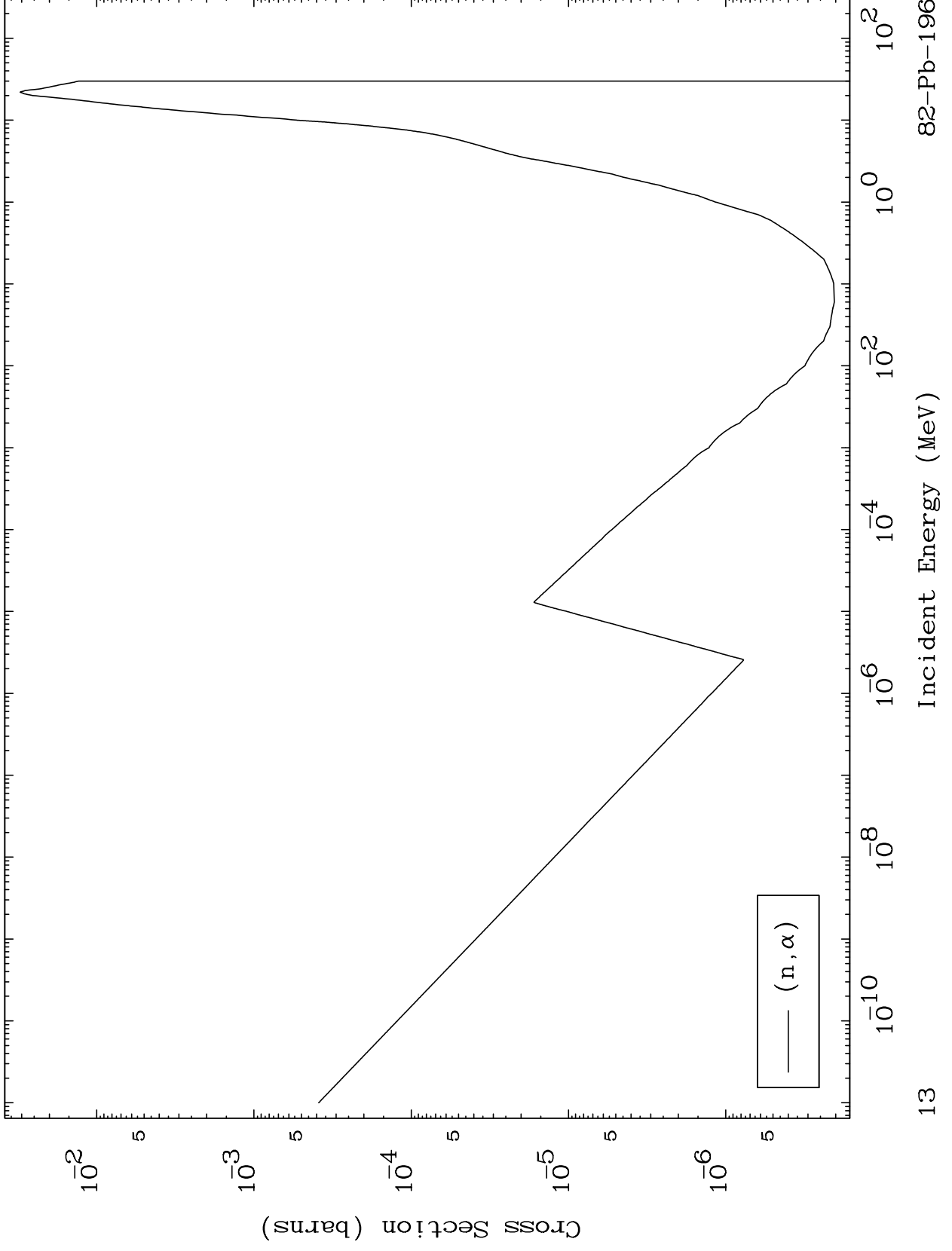
Incident Energy (MeV)

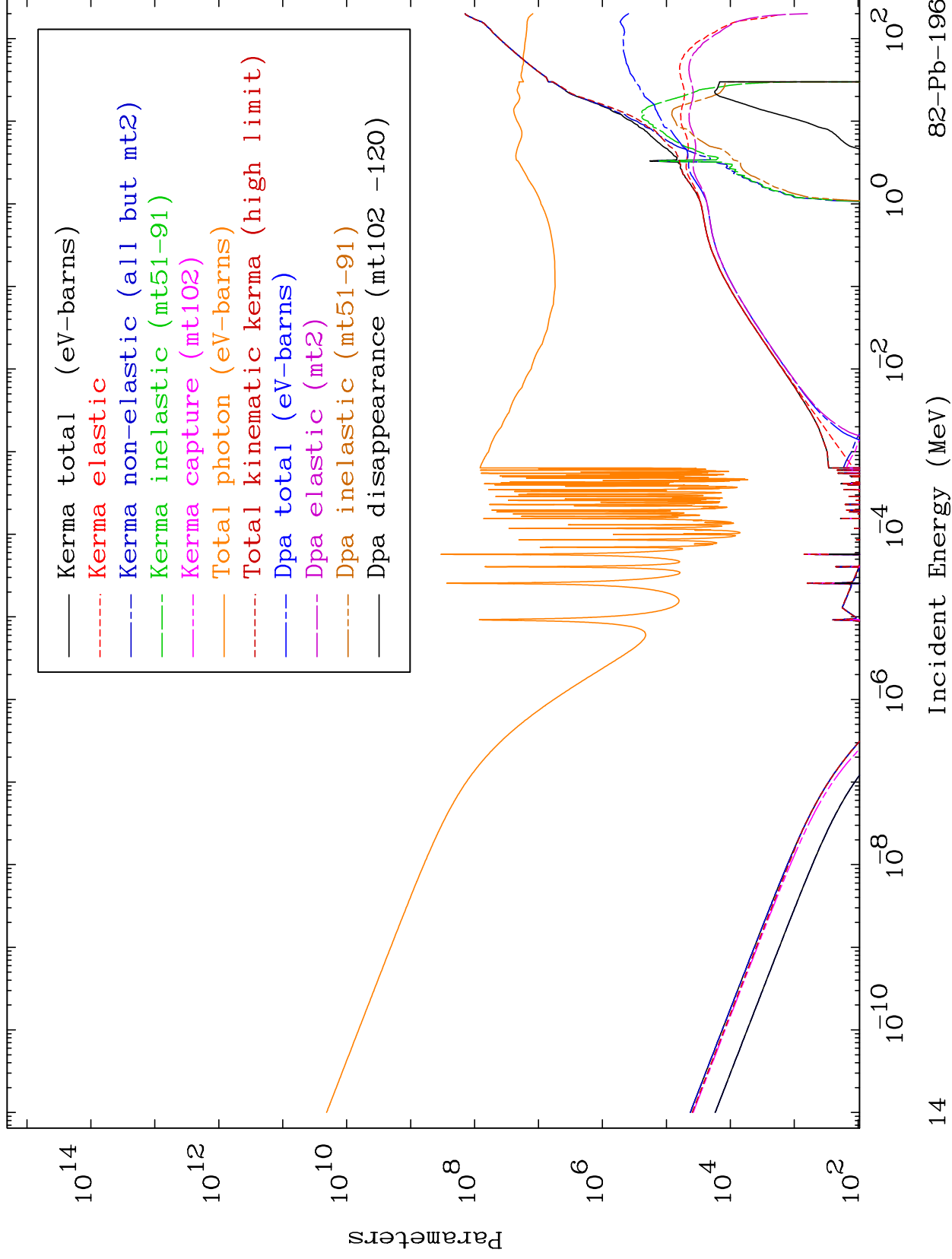
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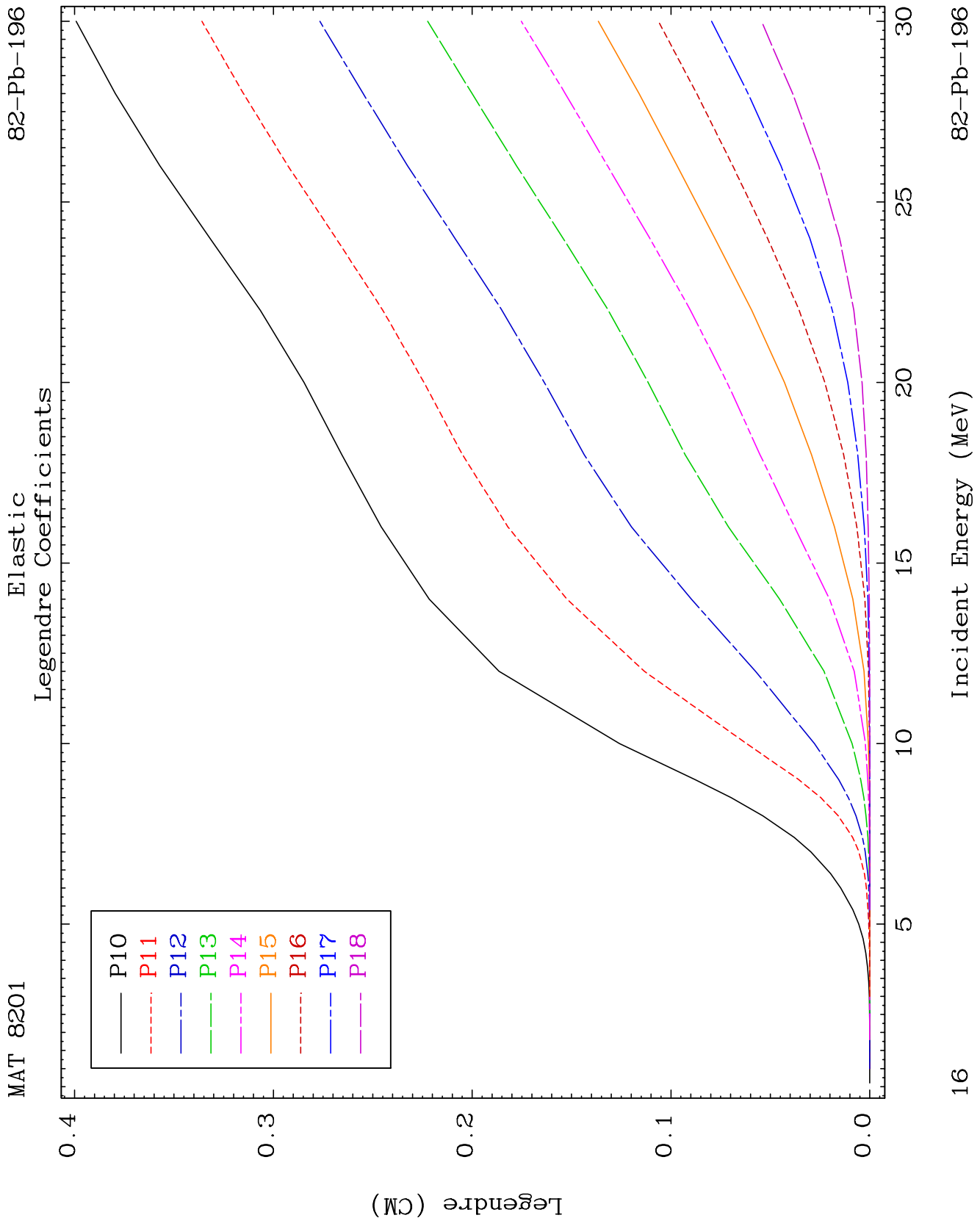
MAT 8201

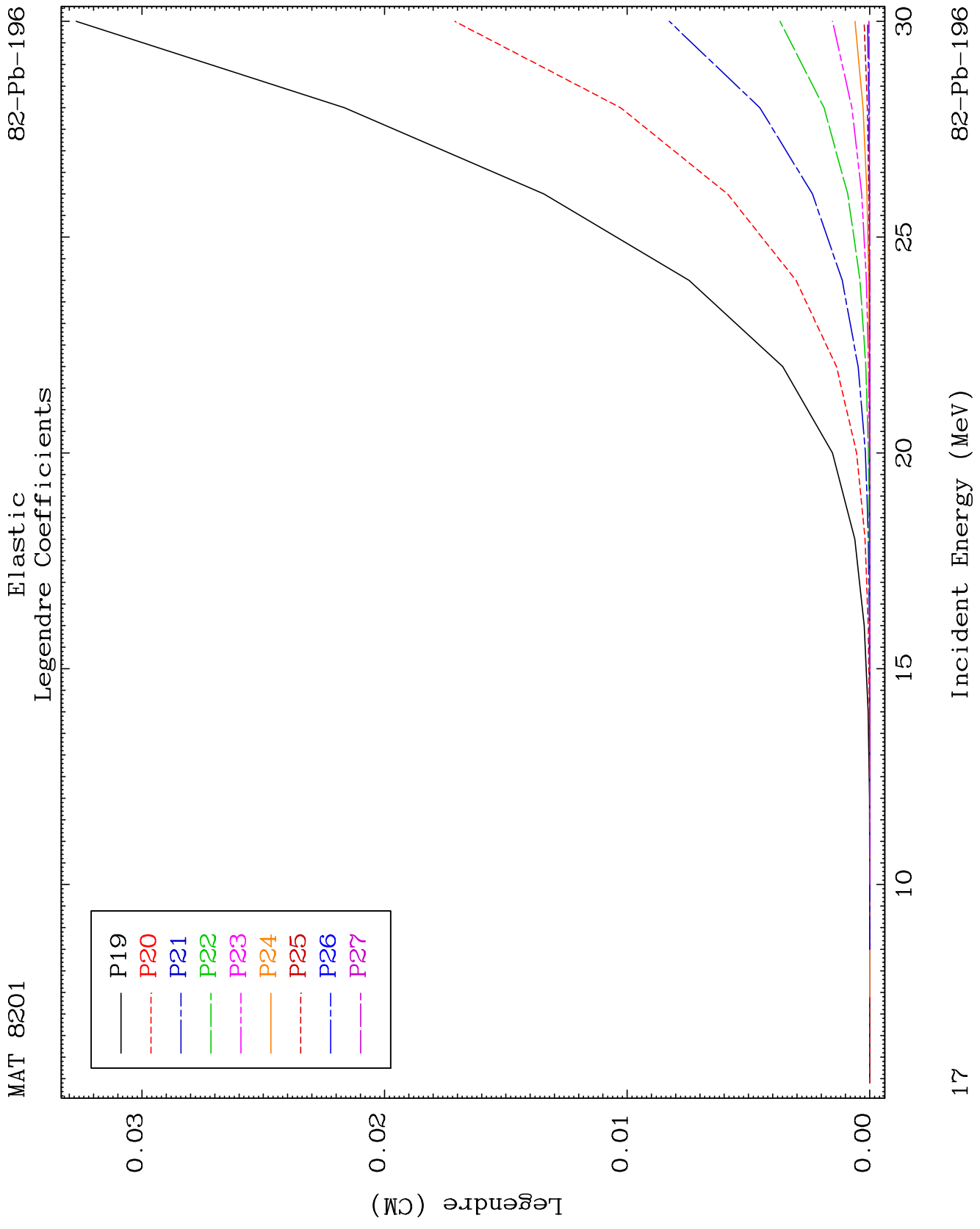
(n, α) Levels
293 Kelvin Cross Sections

82-Pb-196





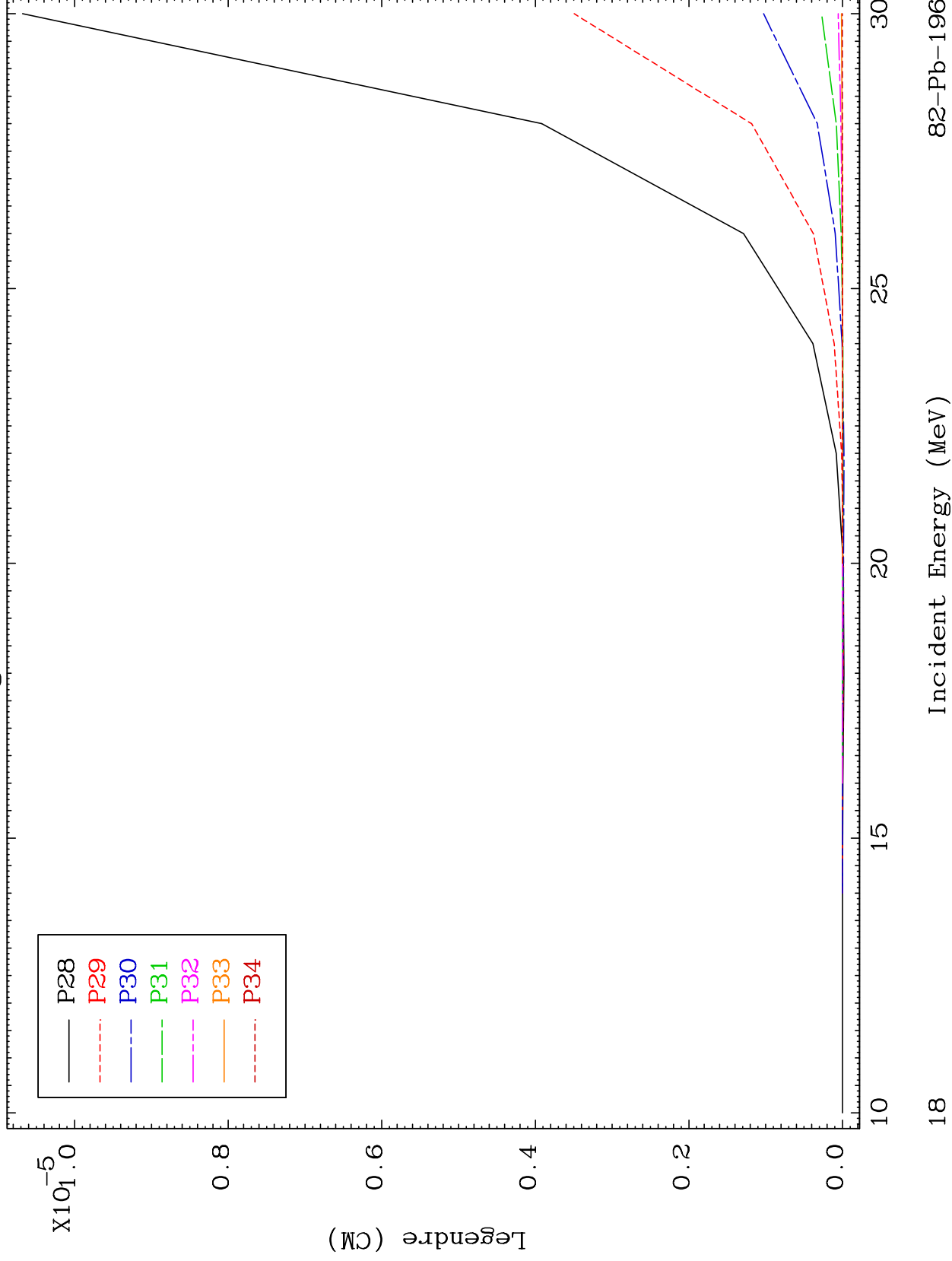




MAT 8201

Elastic
Legendre Coefficients

82-Pb-196



18

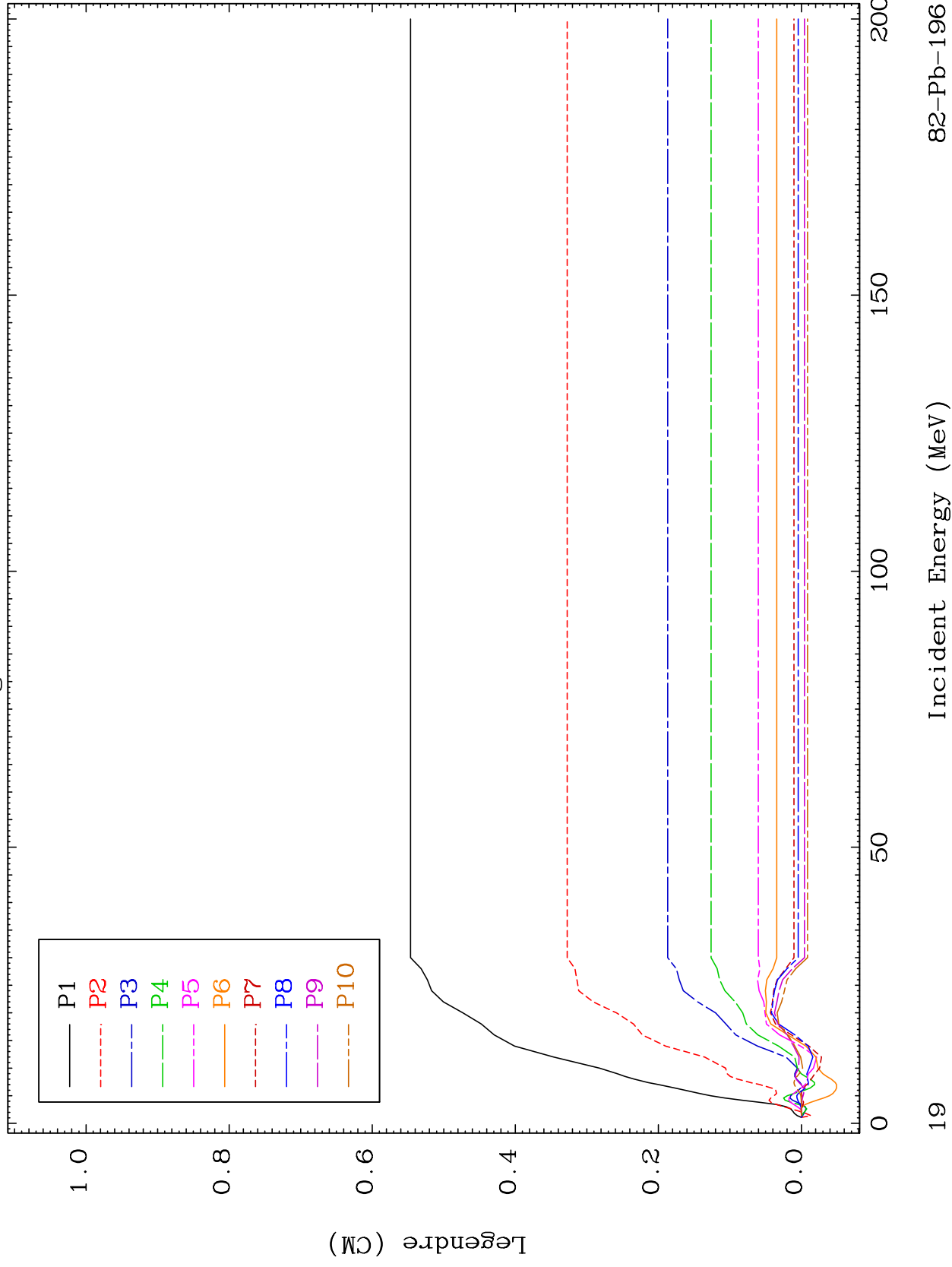
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



19

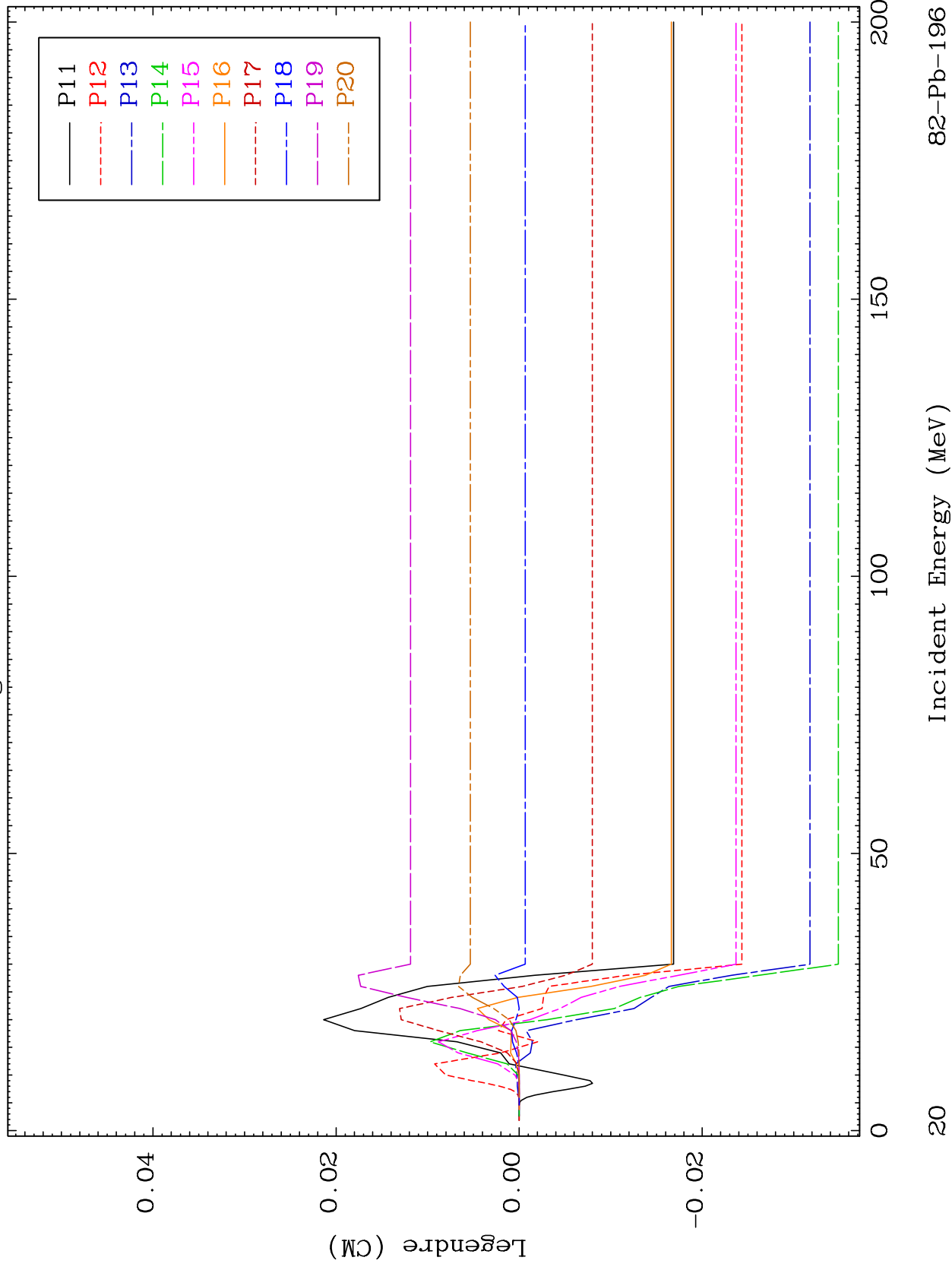
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



82-Pb-196

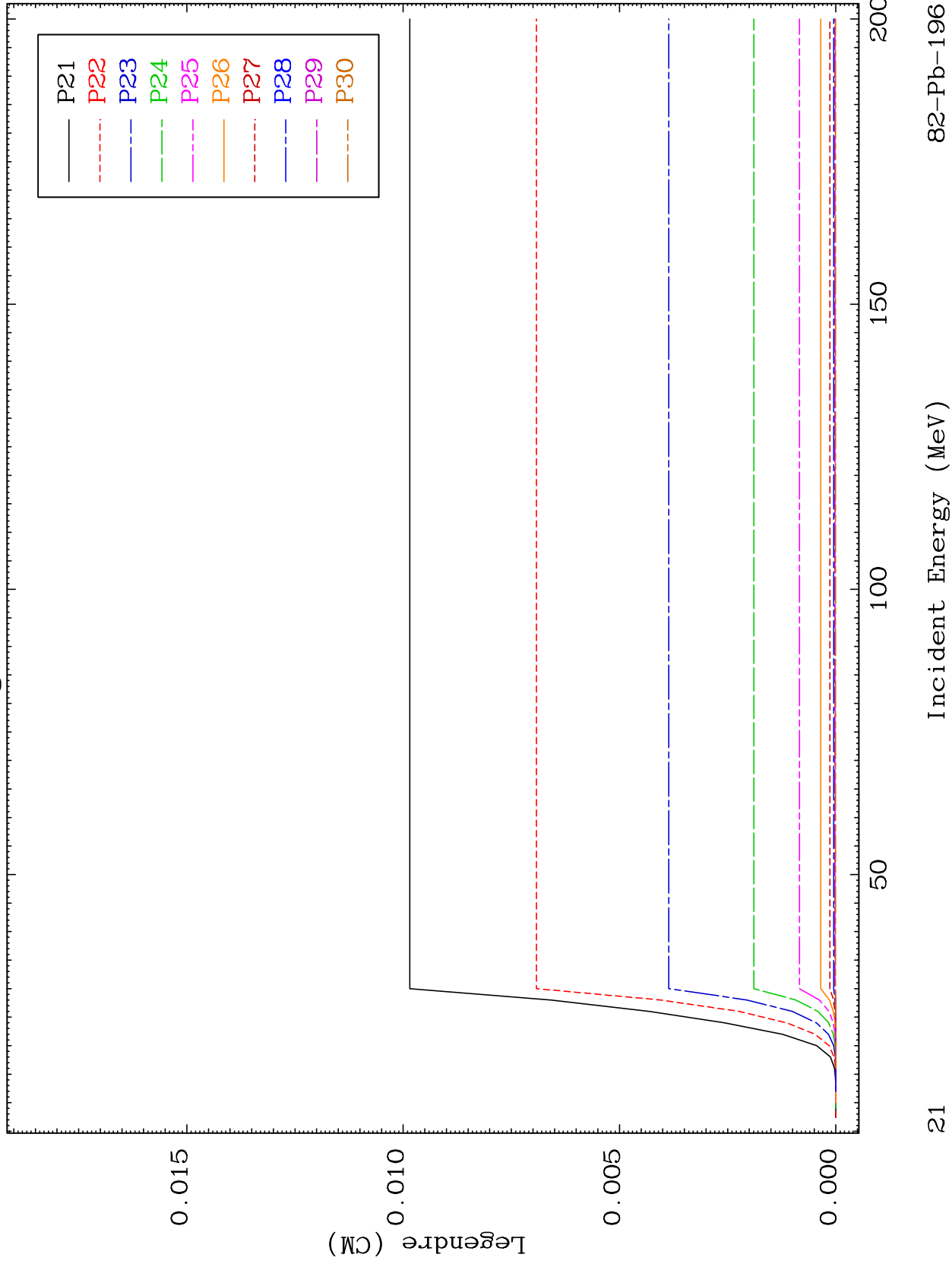
Incident Energy (MeV)

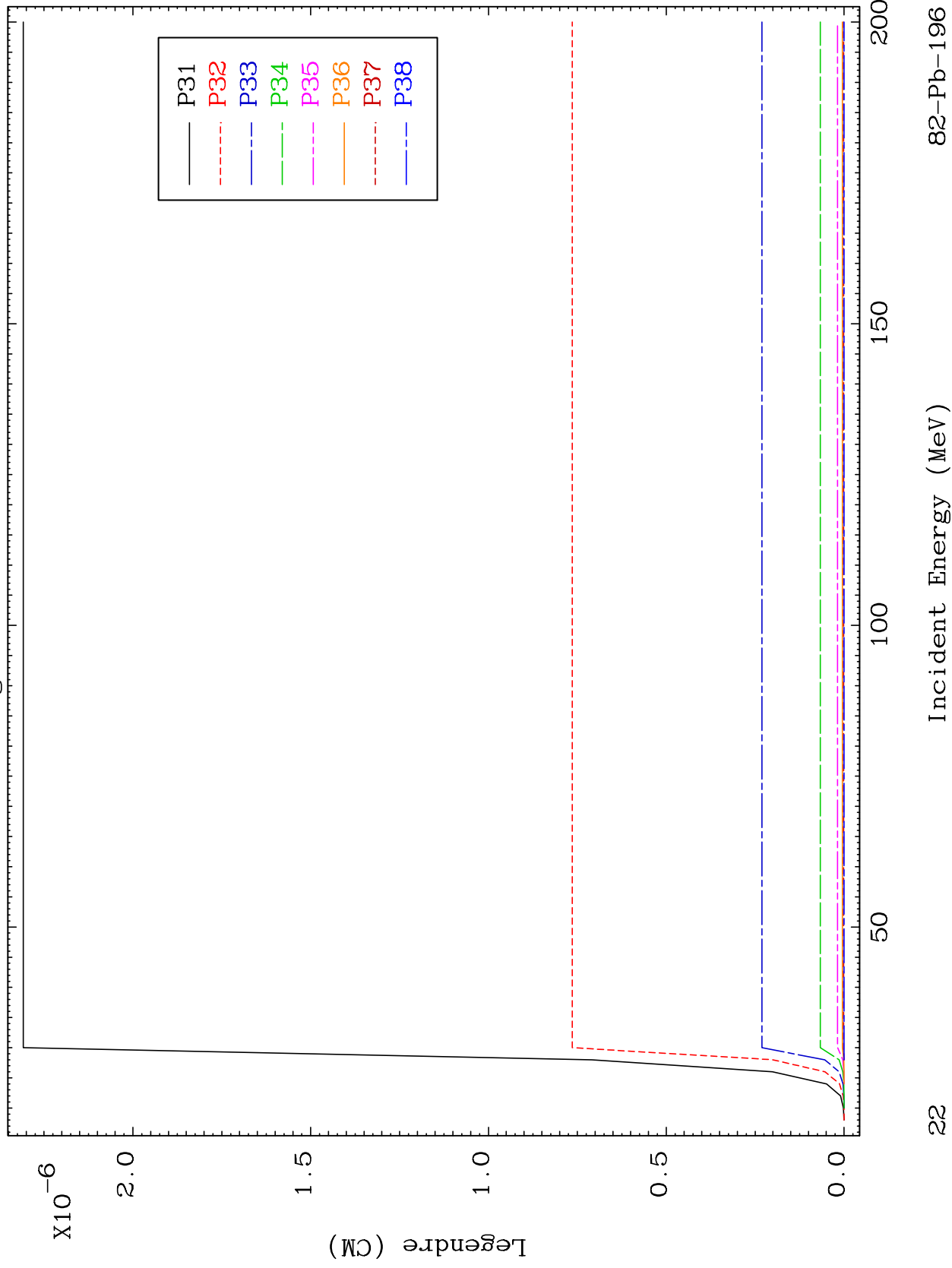
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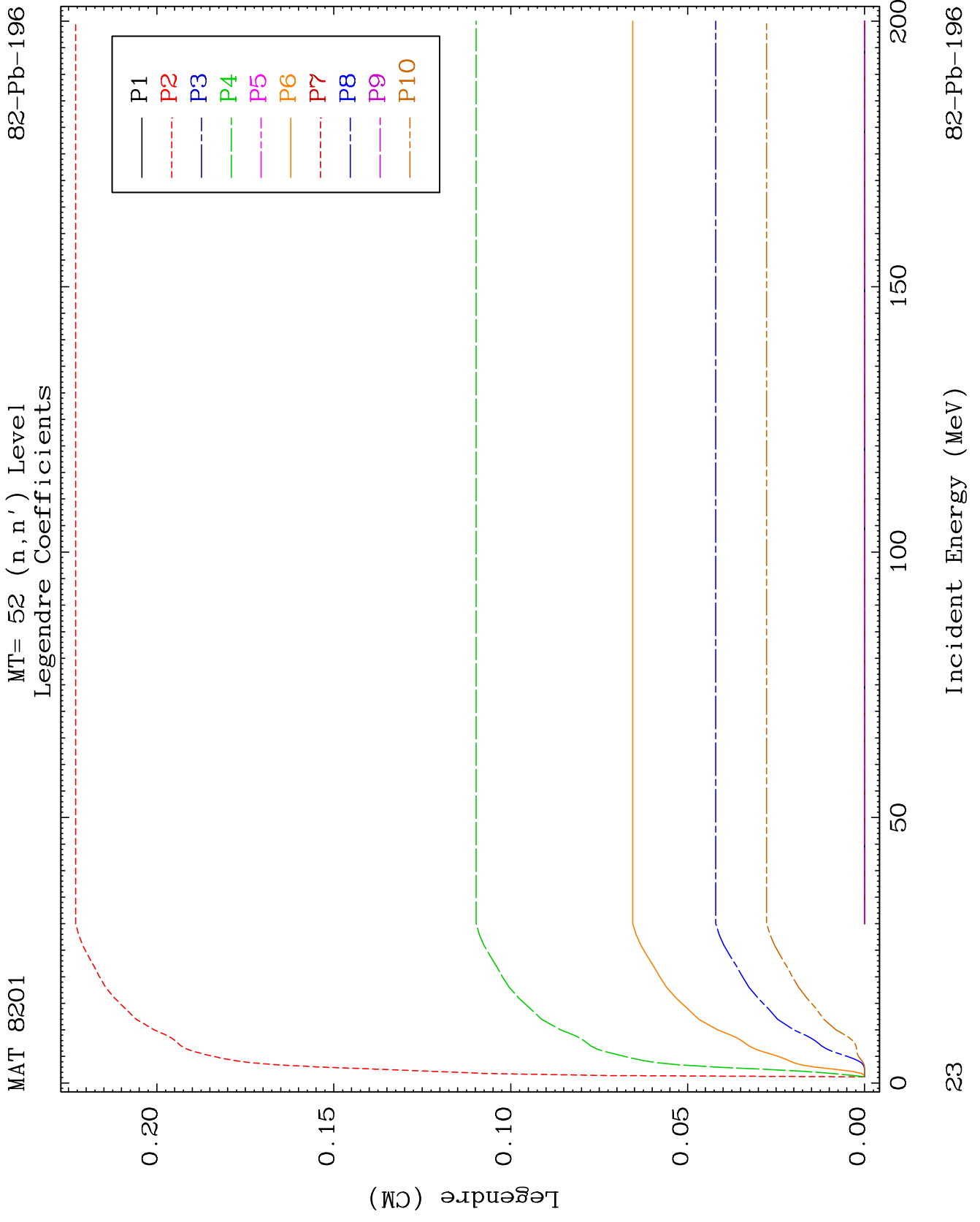
MAT 8201

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

82-Pb-196



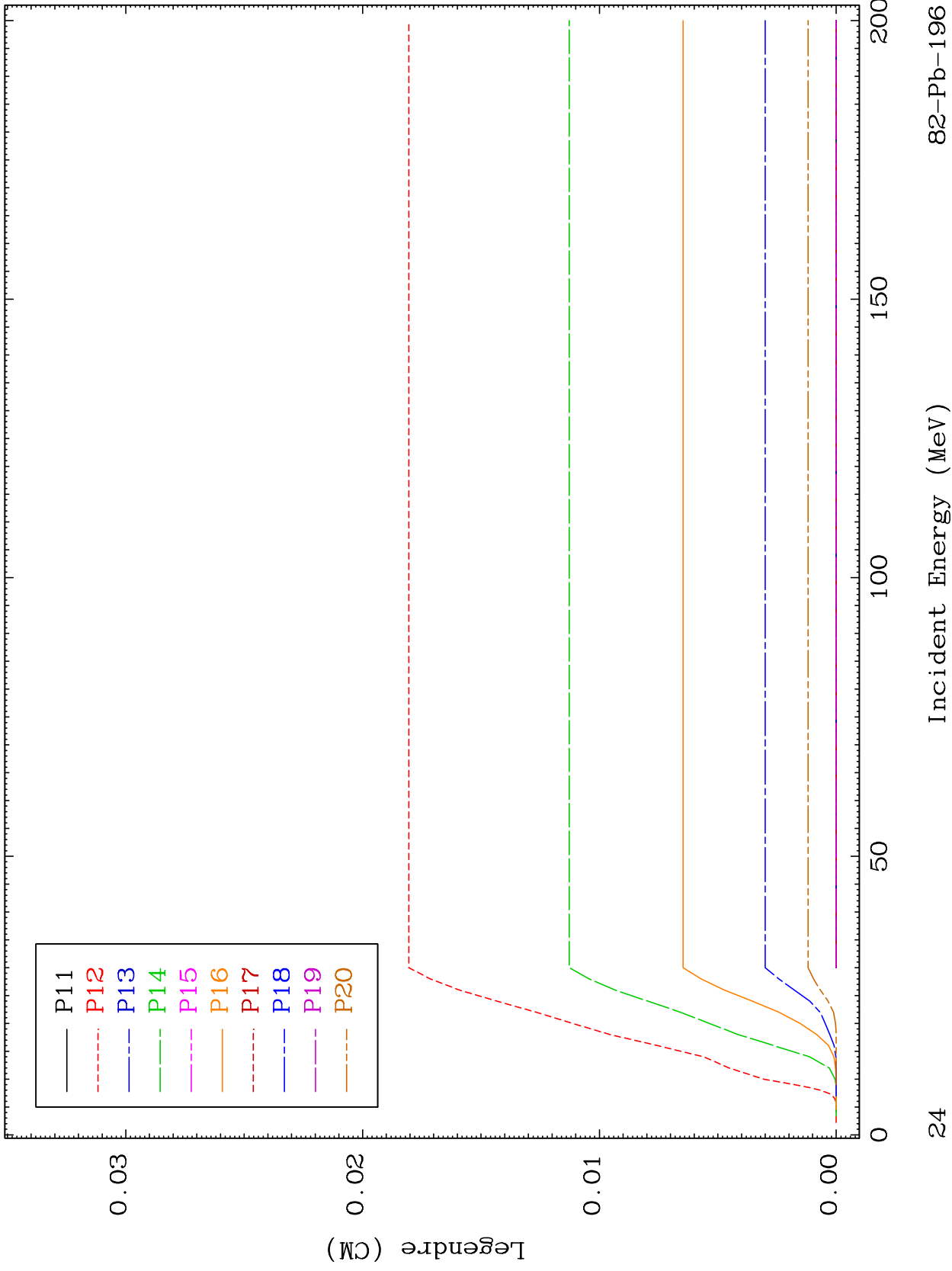




MAT 8201

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

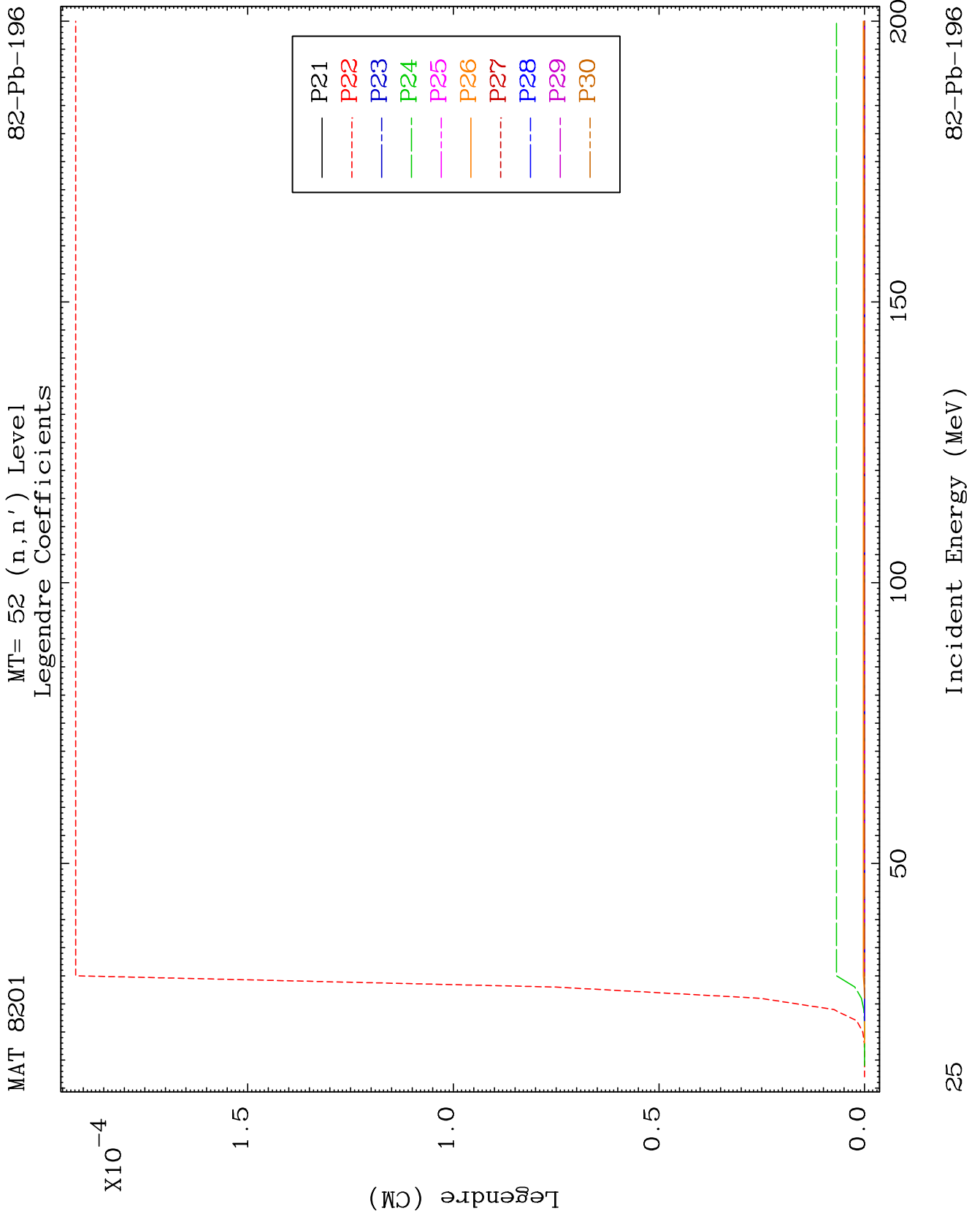
82-Pb-196



24

Incident Energy (MeV)

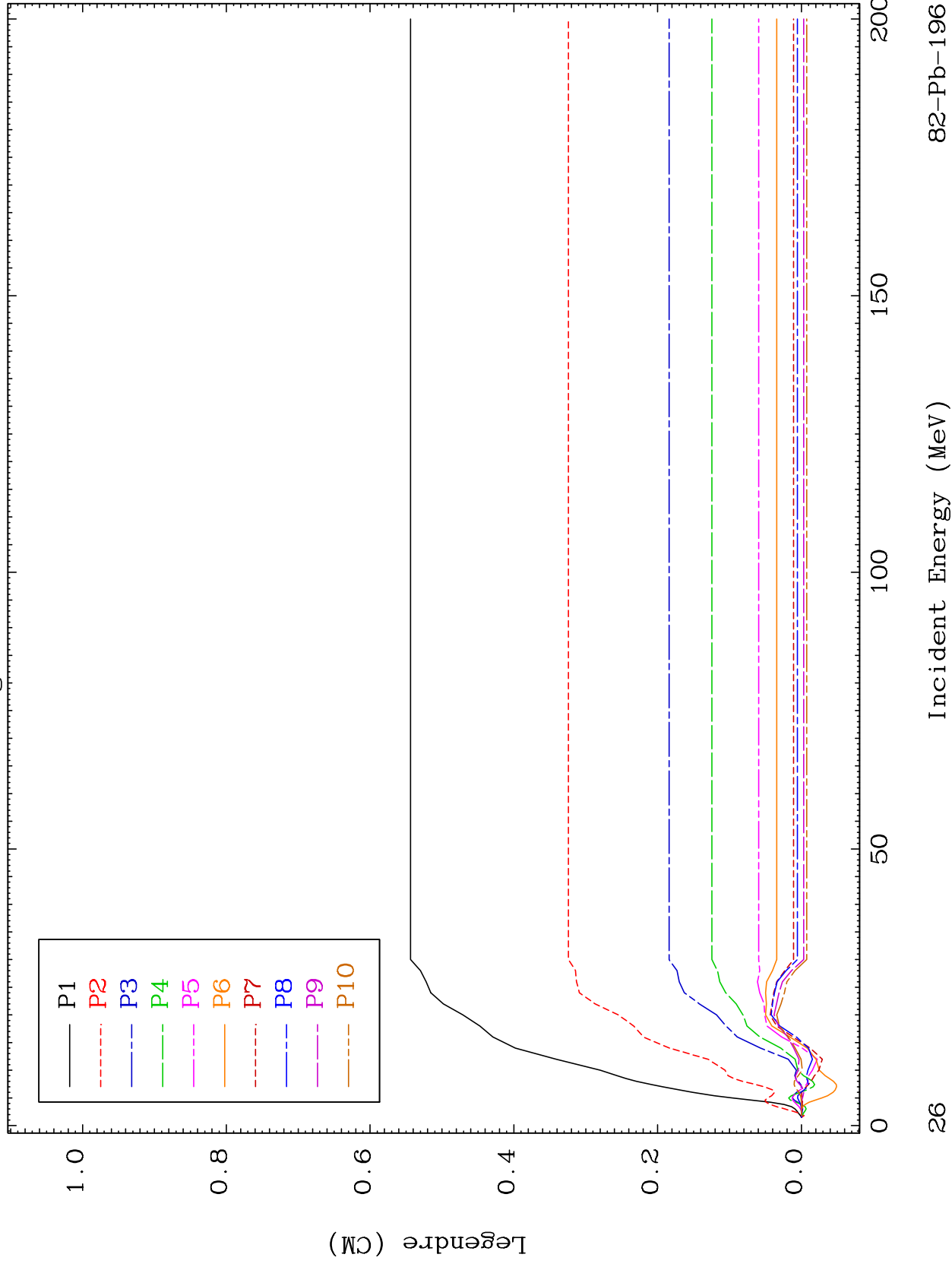
82-Pb-196



MAT 8201

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

82-Pb-196



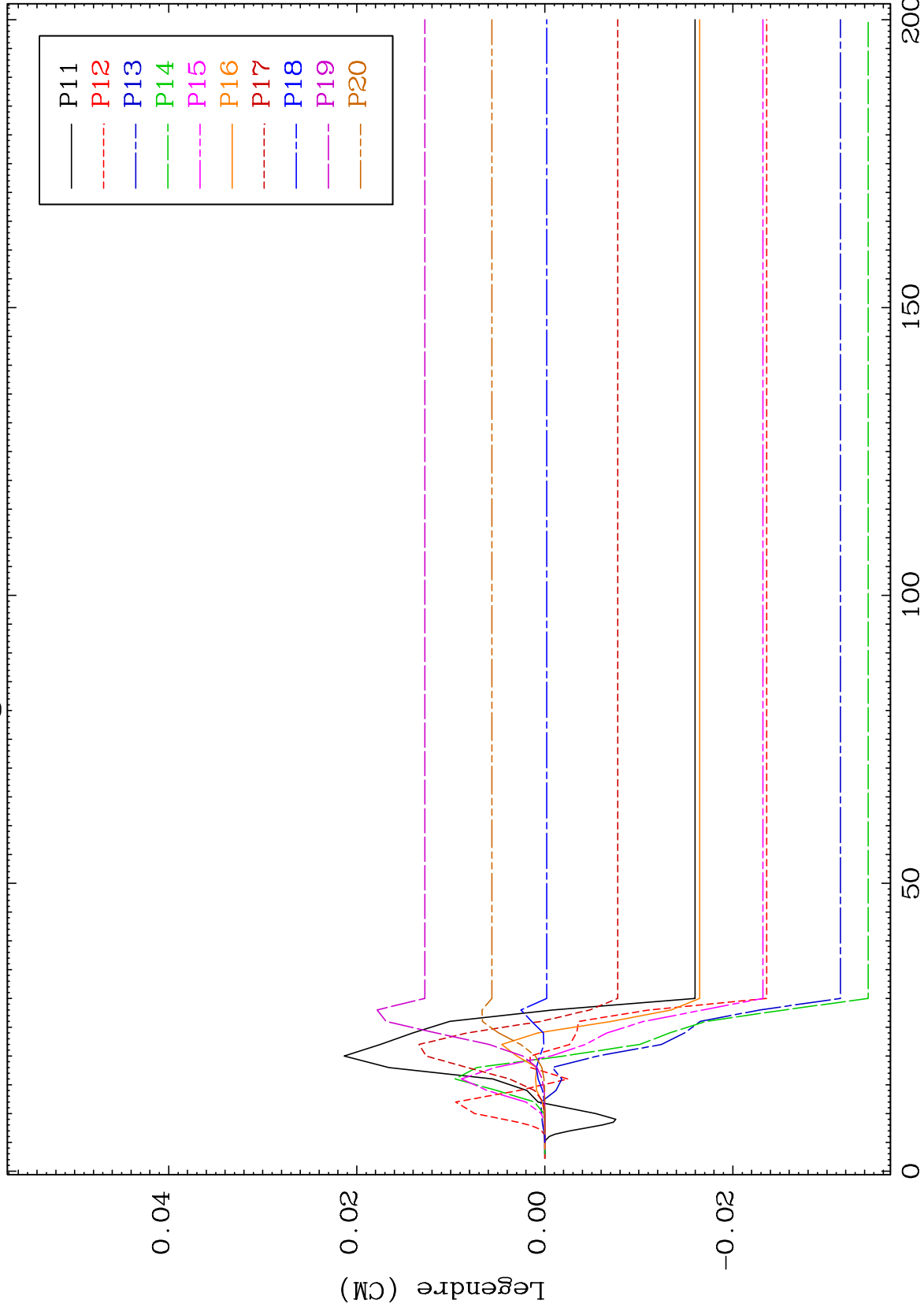
26

82-Pb-196

MAT 8201

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

82-Pb-196



27

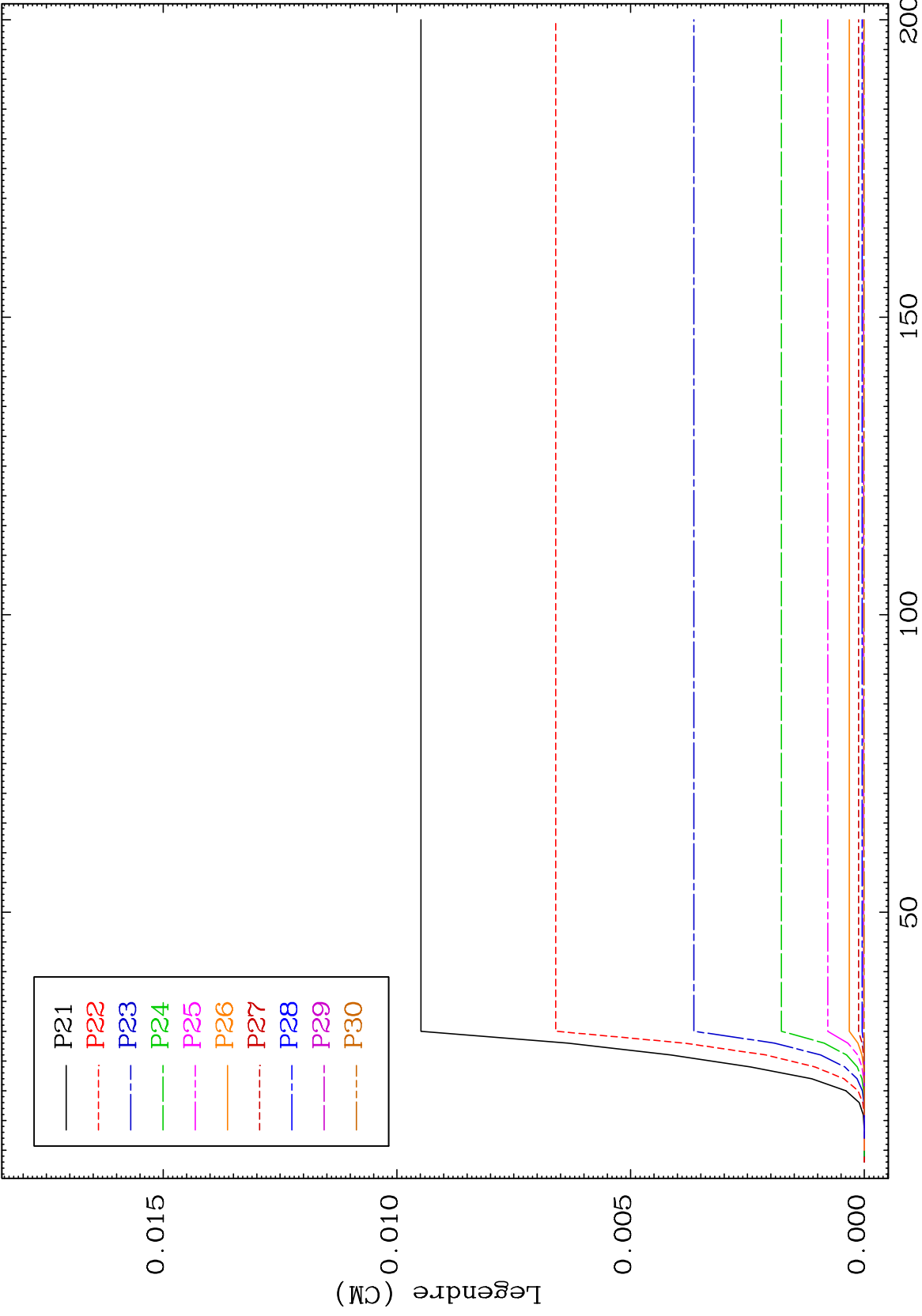
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



28

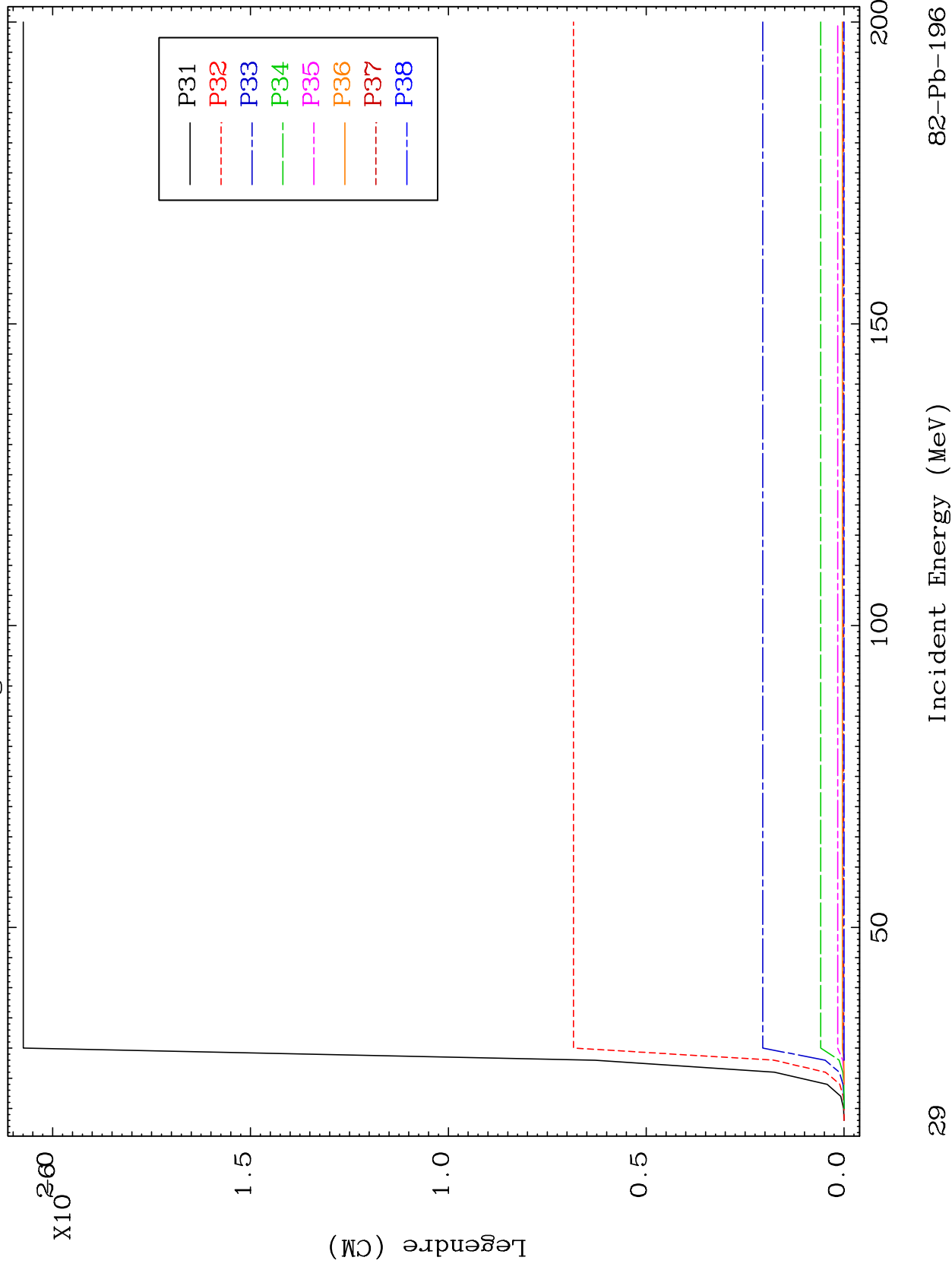
Incident Energy (MeV)

82-Pb-196

MAT 8201

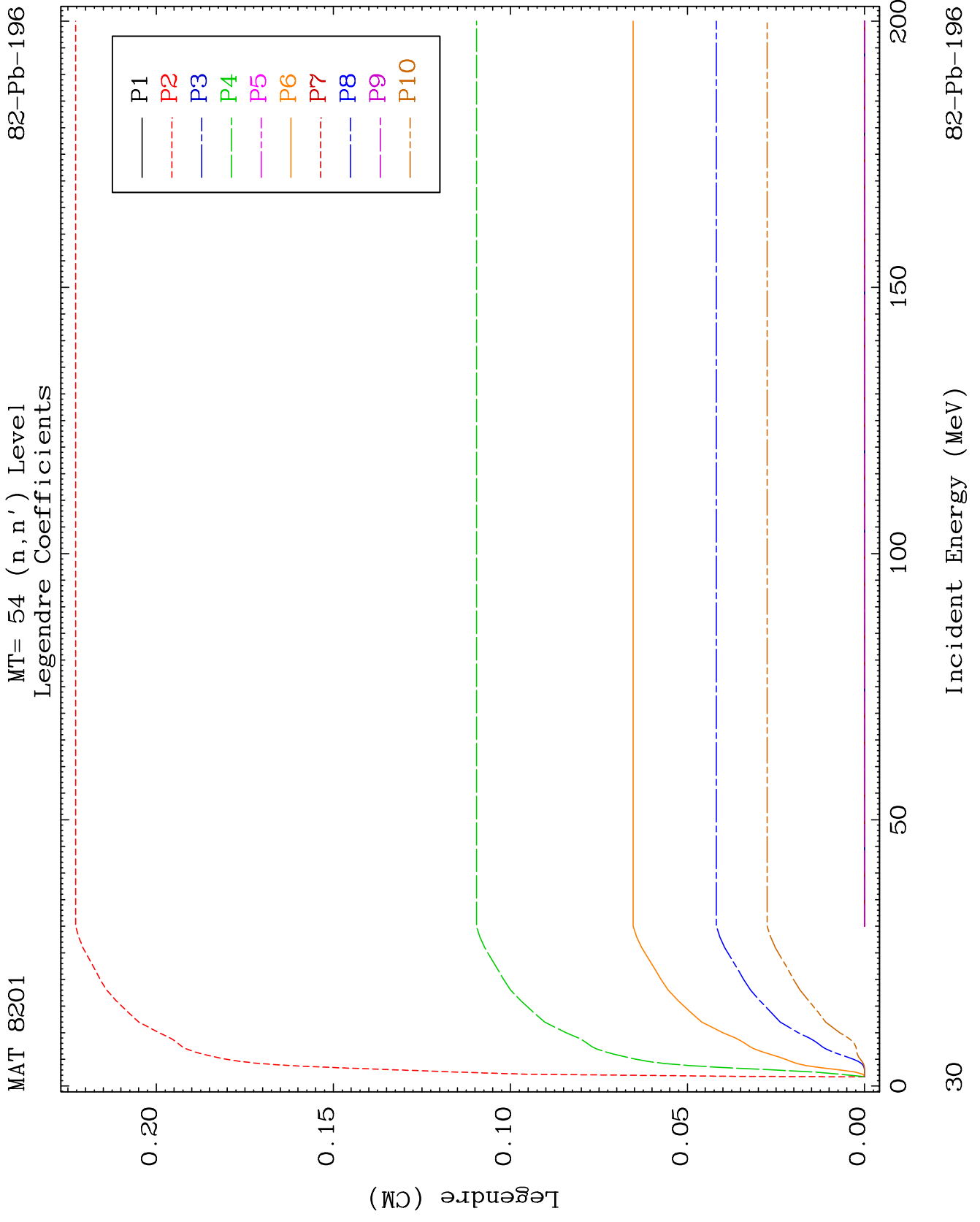
MT= 53 (n,n') Level
Legendre Coefficients

82-Pb-196



29

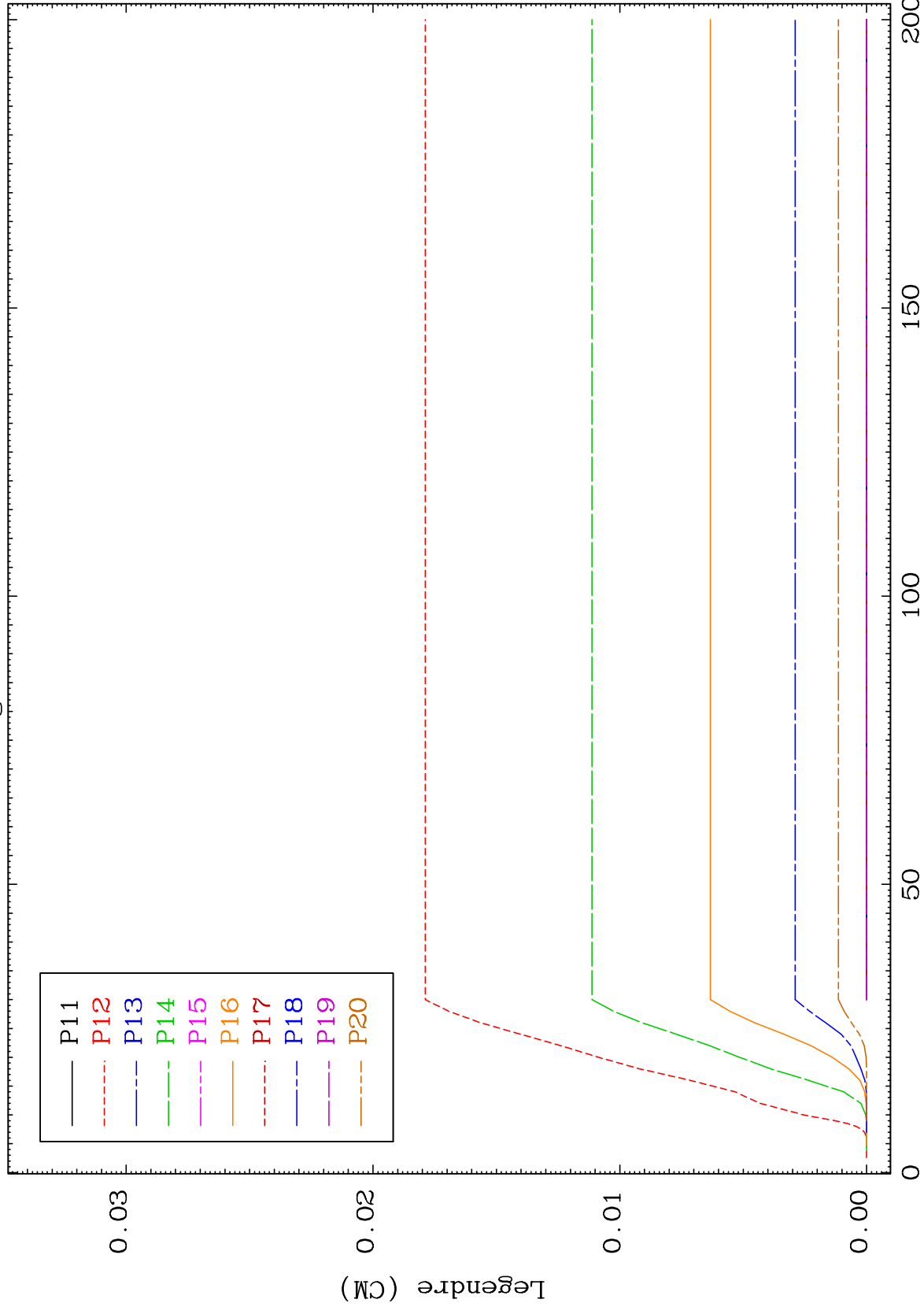
82-Pb-196



MAT 8201

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

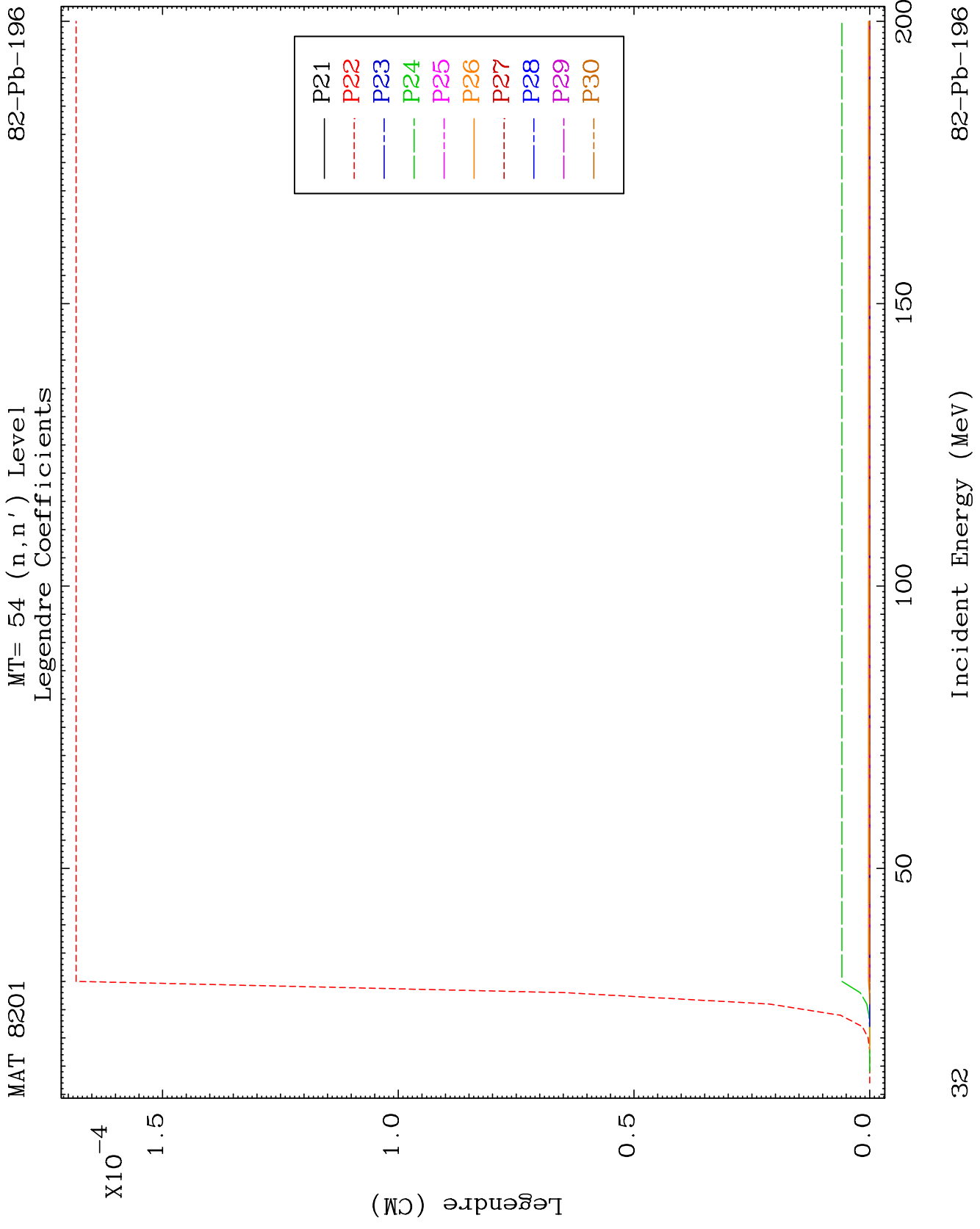
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31

Incident Energy (MeV)

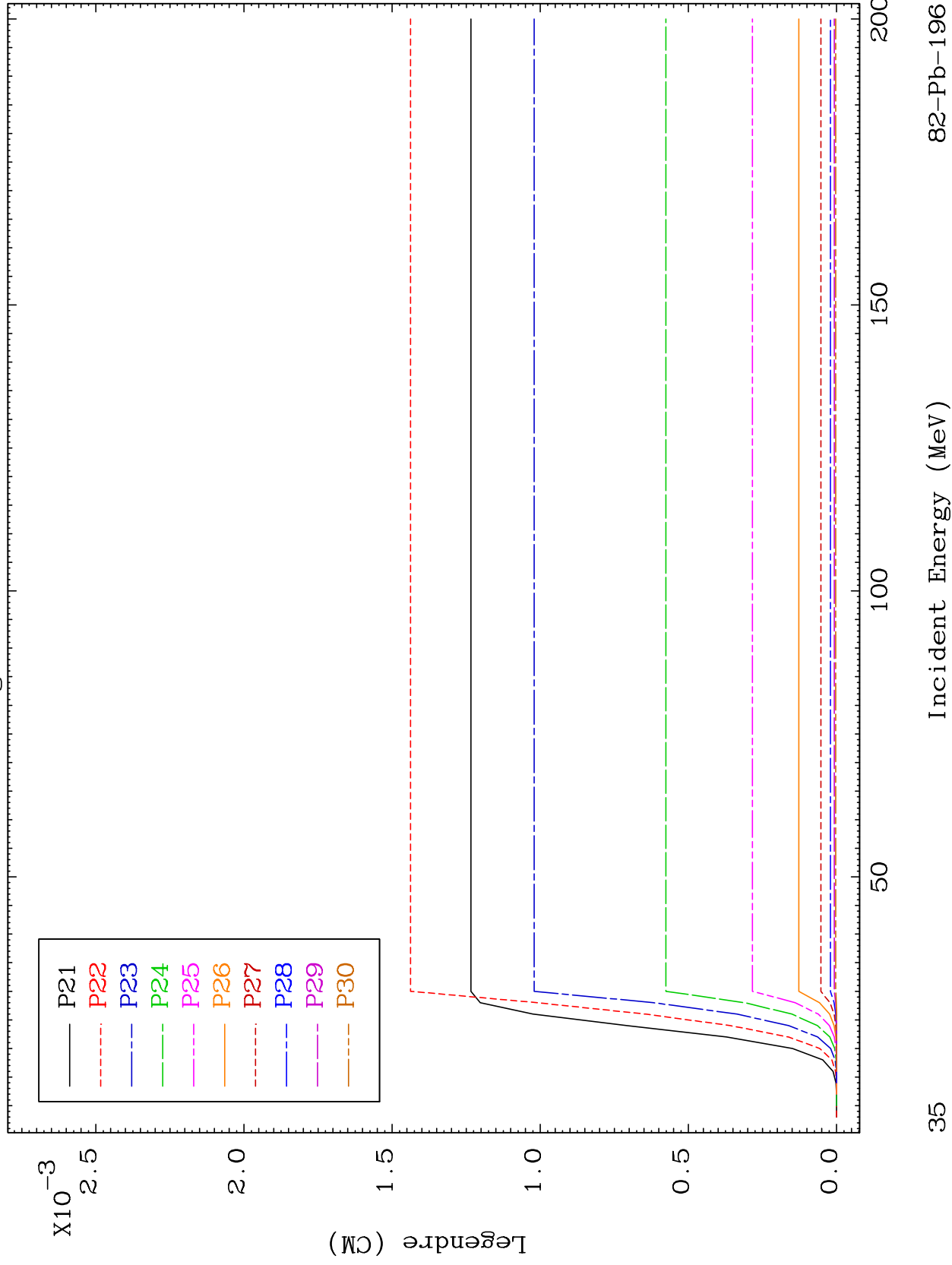
82-Pb-196



MAT 8201

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

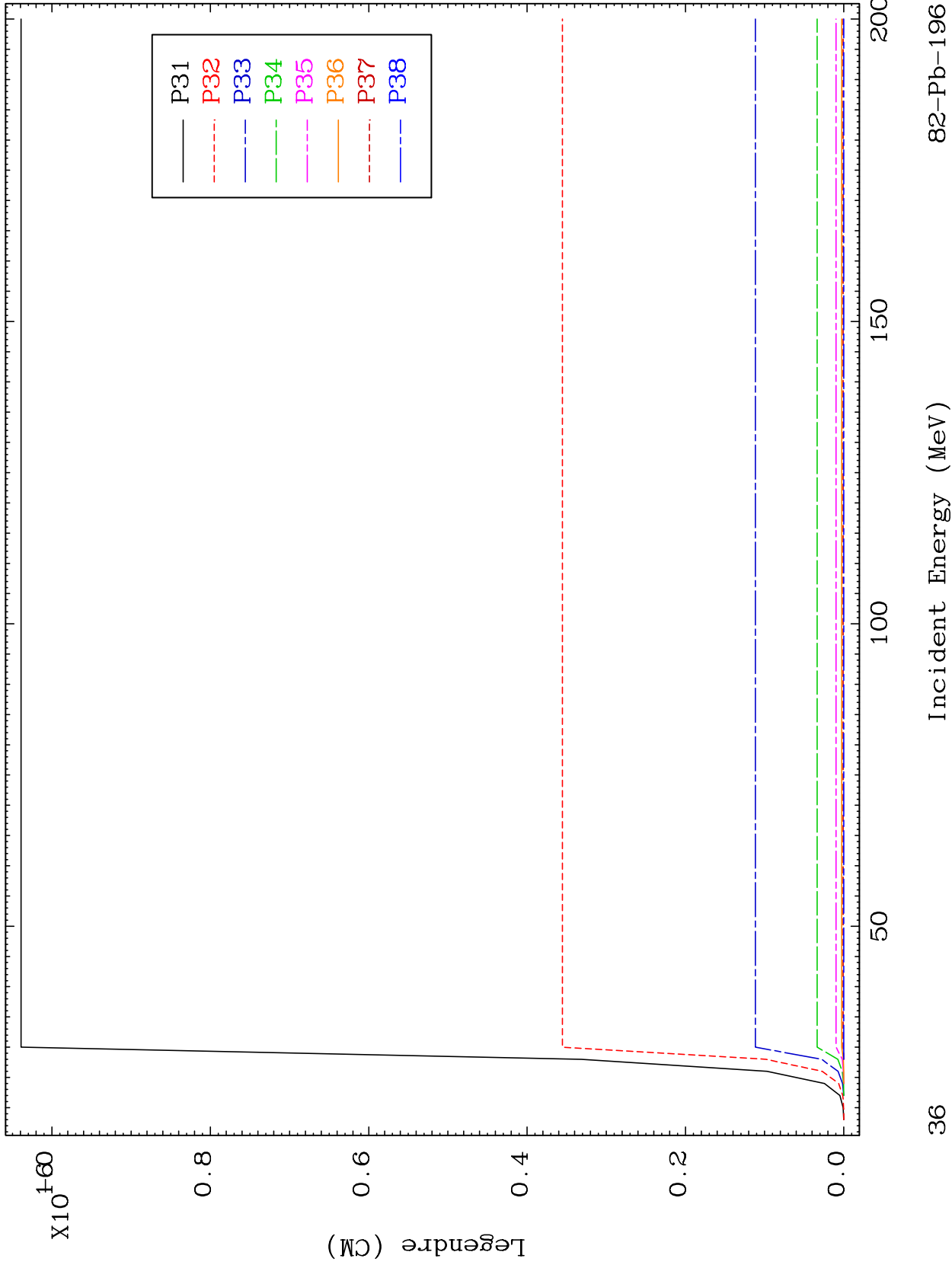
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35

Incident Energy (MeV)

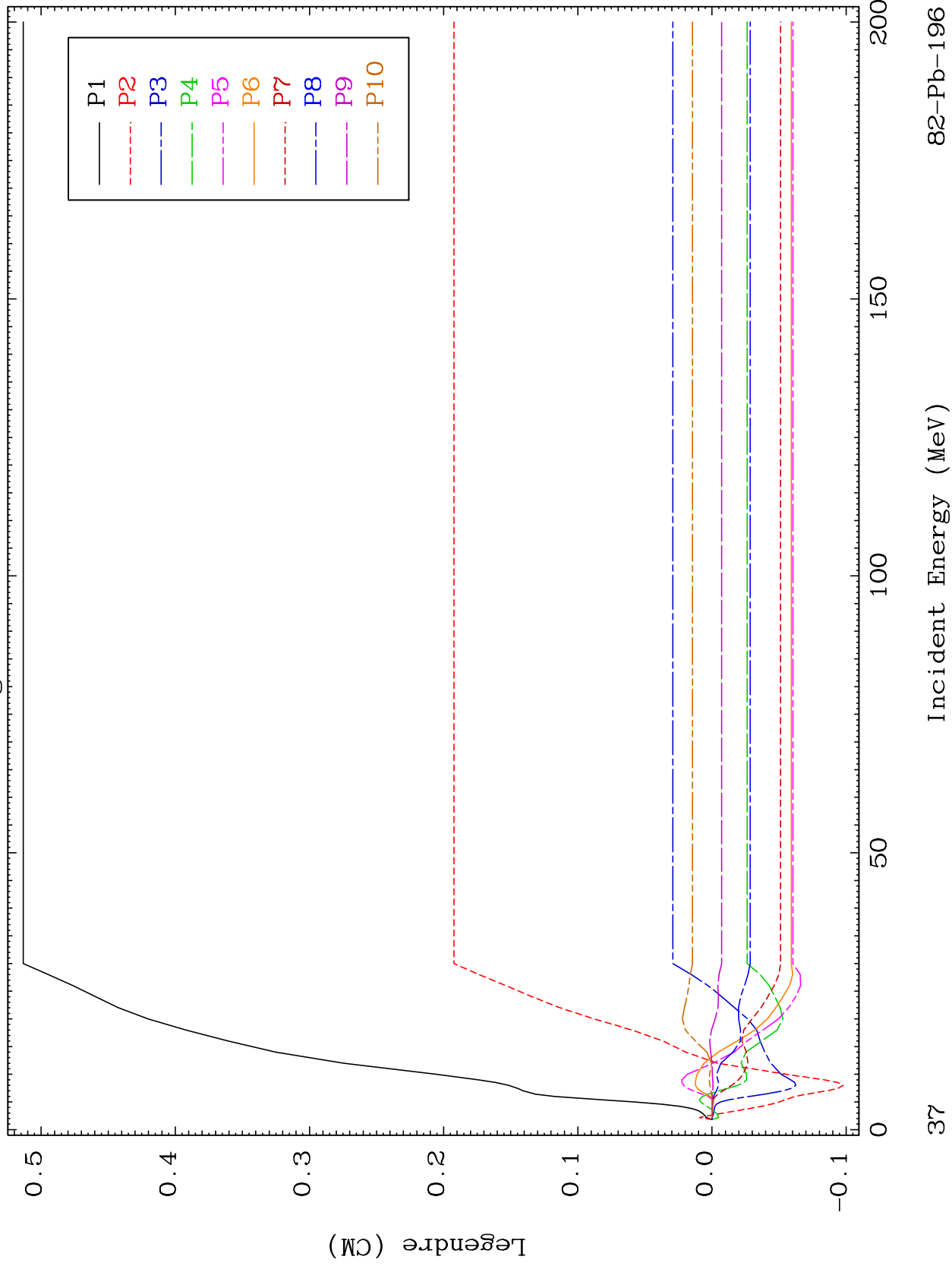
82-Pb-196



MAT 8201

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

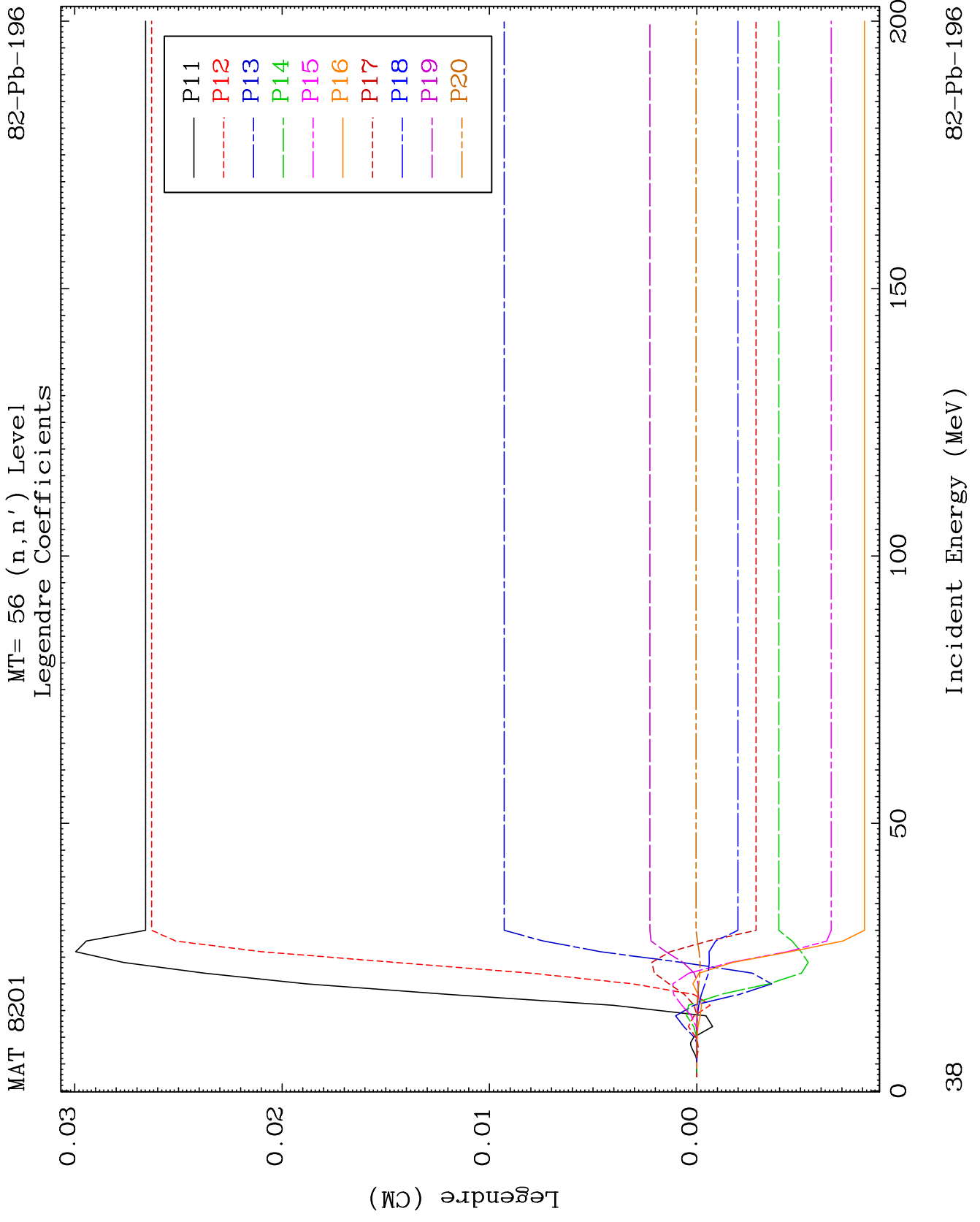
82-Pb-196



82-Pb-196

Incident Energy (MeV)

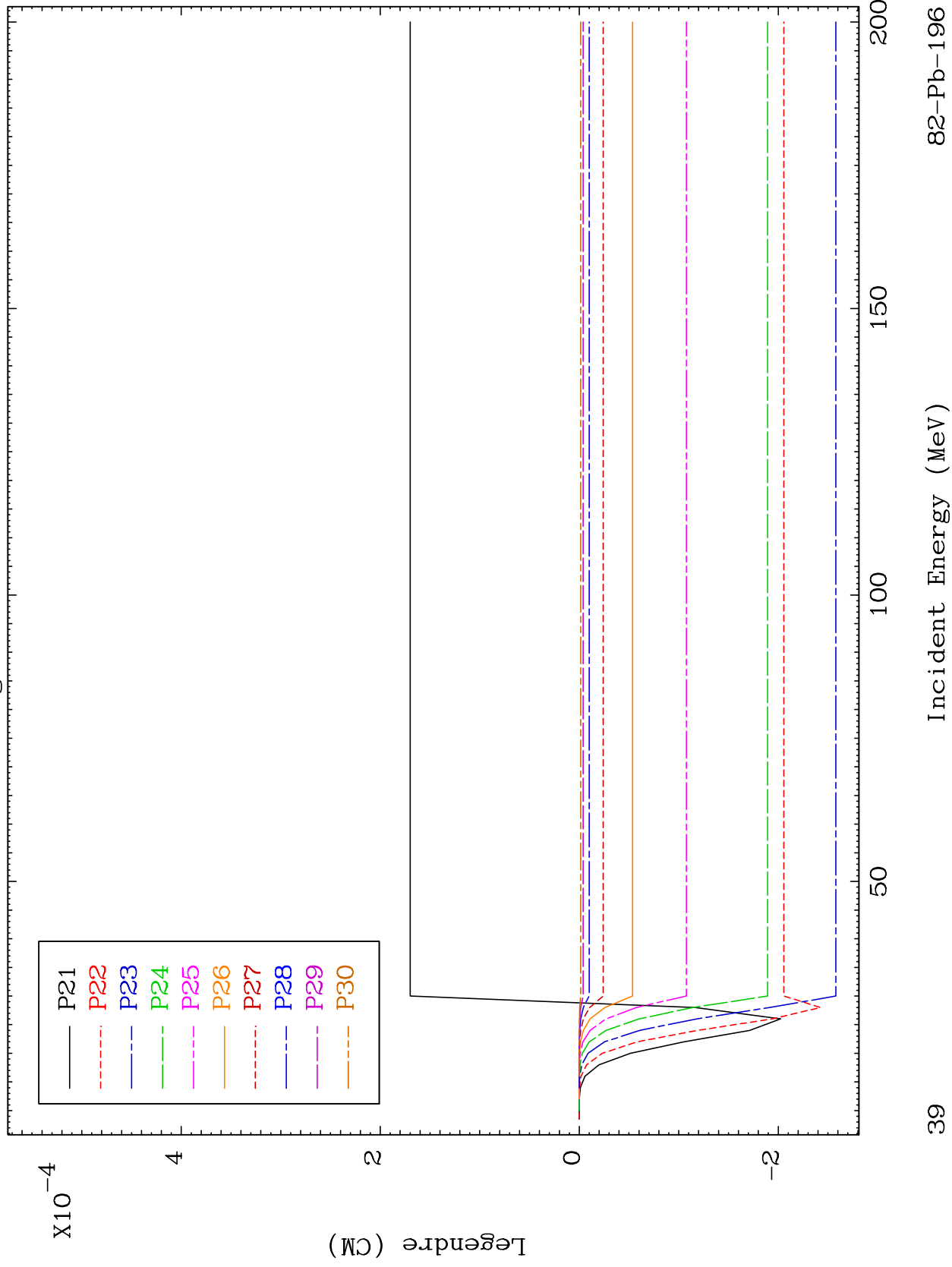
37



MAT 8201

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

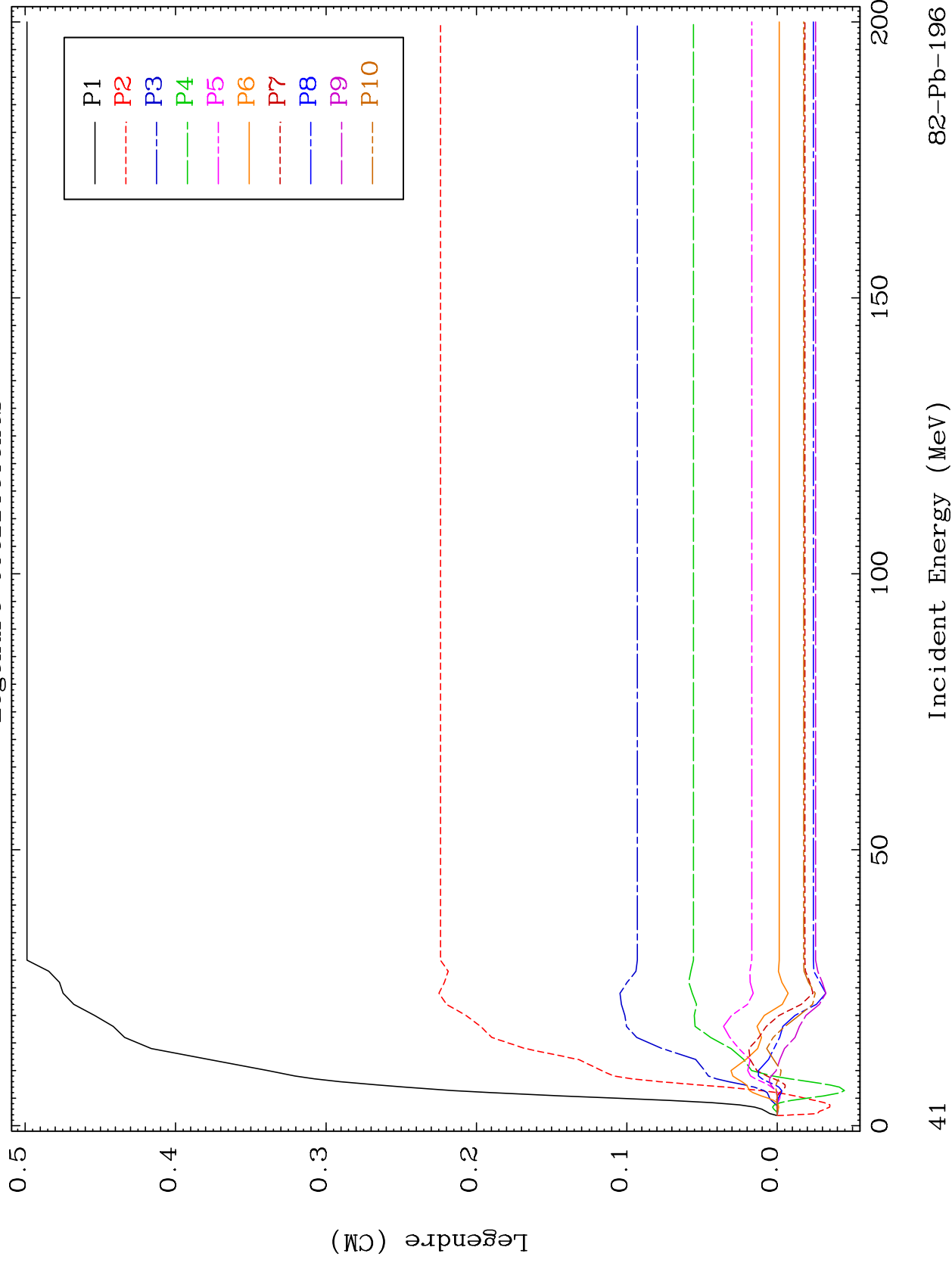
82-Pb-196



MAT 8201

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

82-Pb-196



41

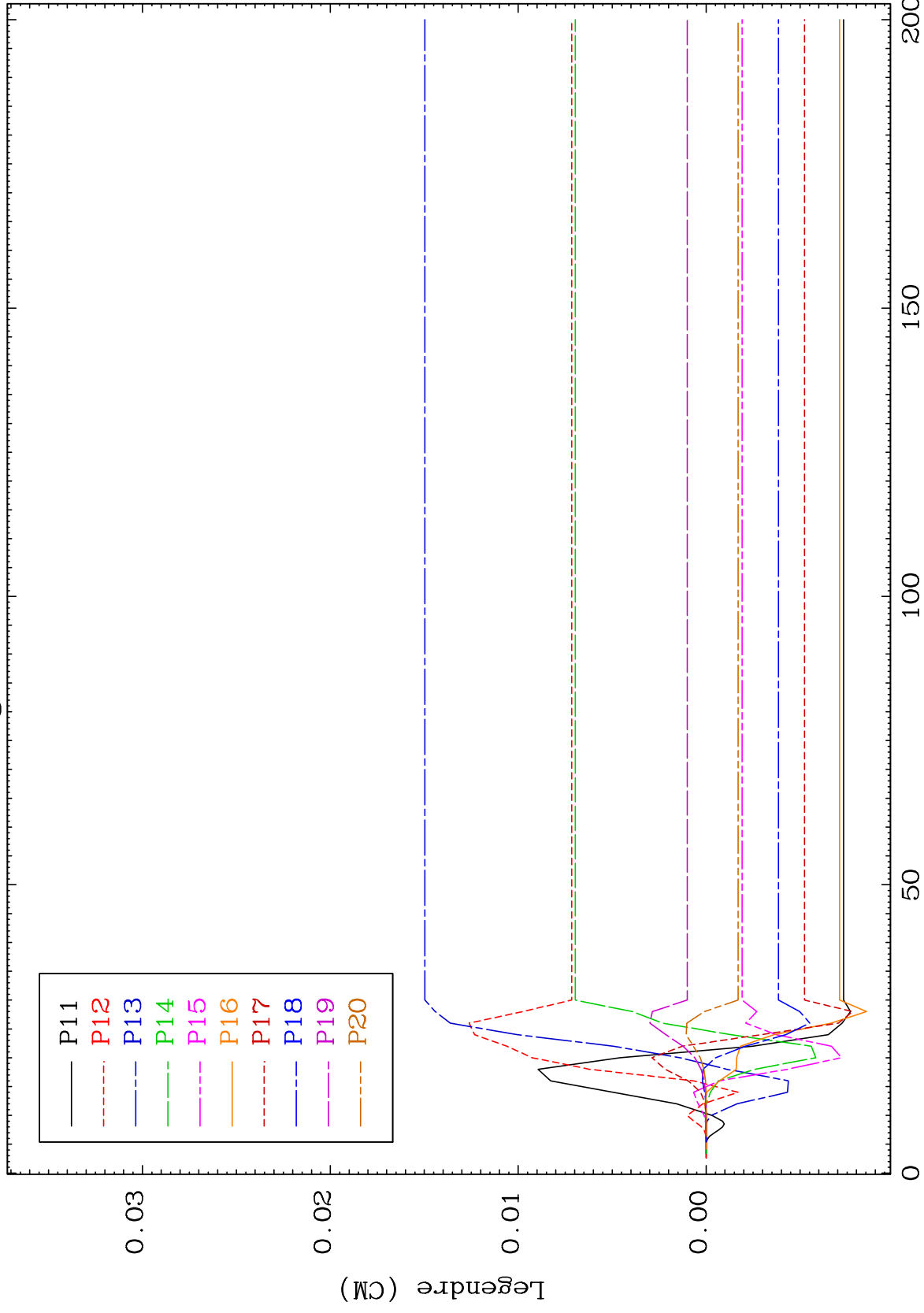
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

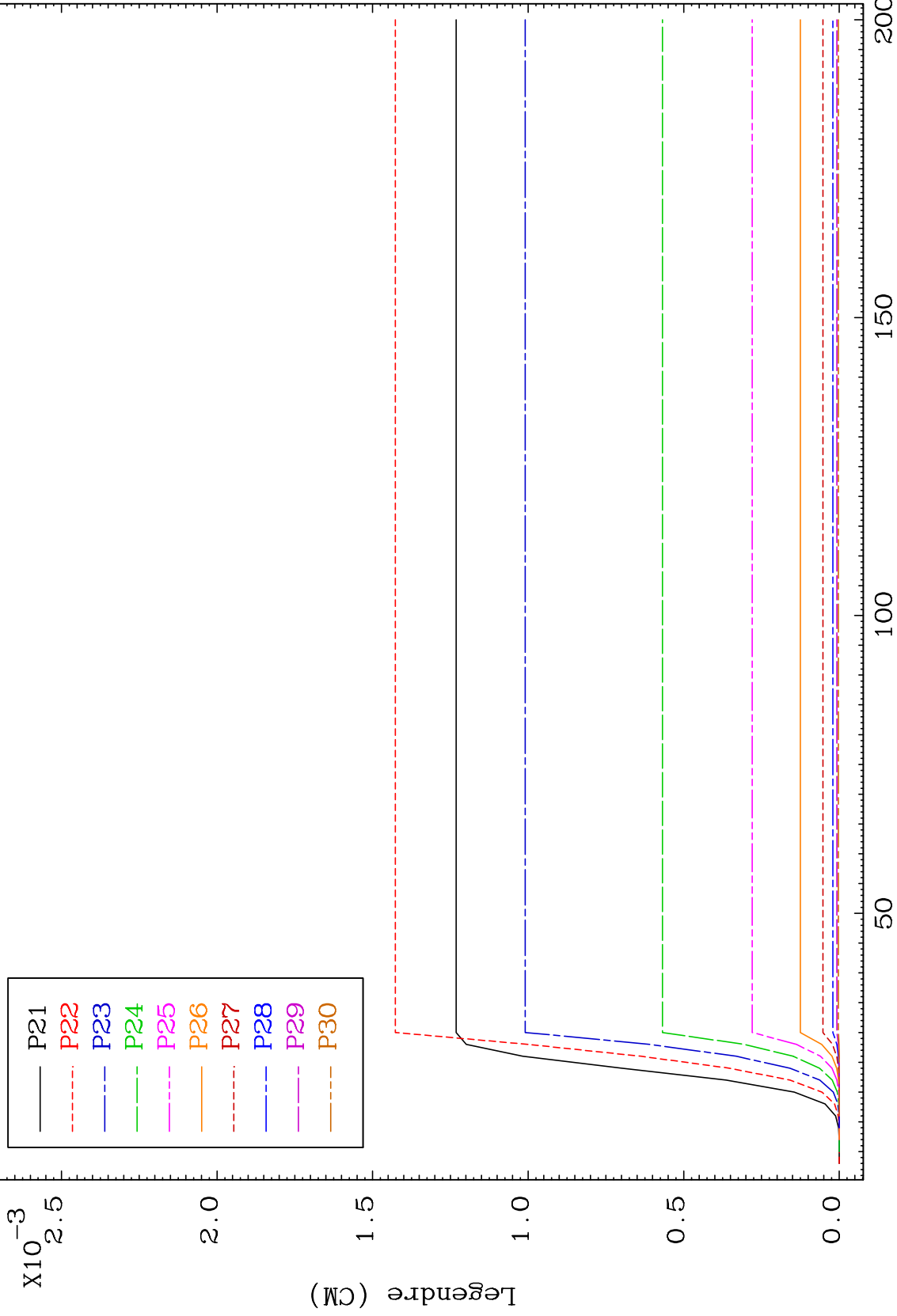
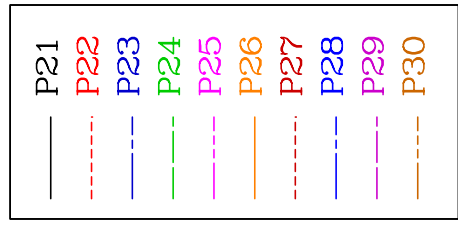
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42

Incident Energy (MeV)

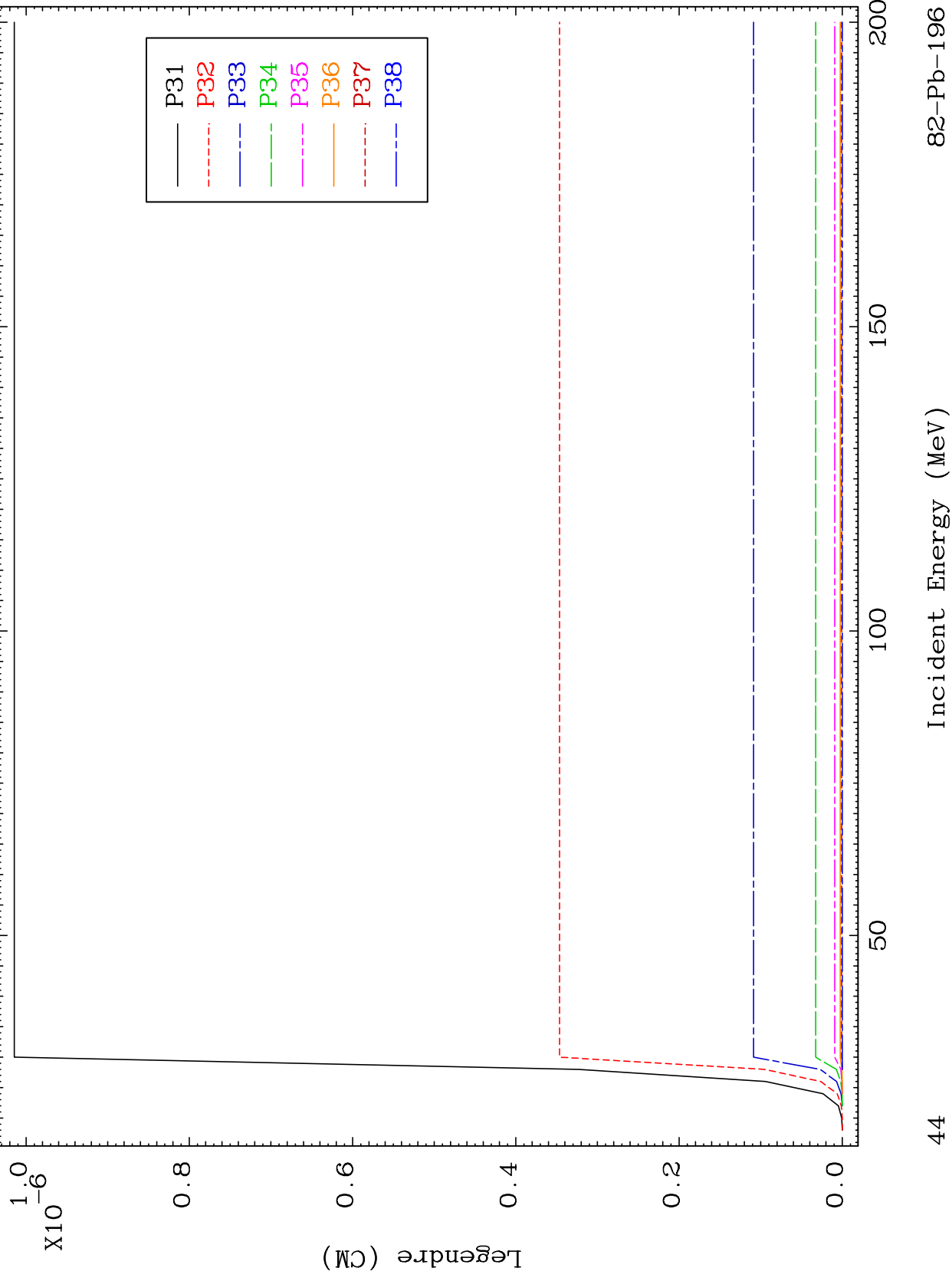
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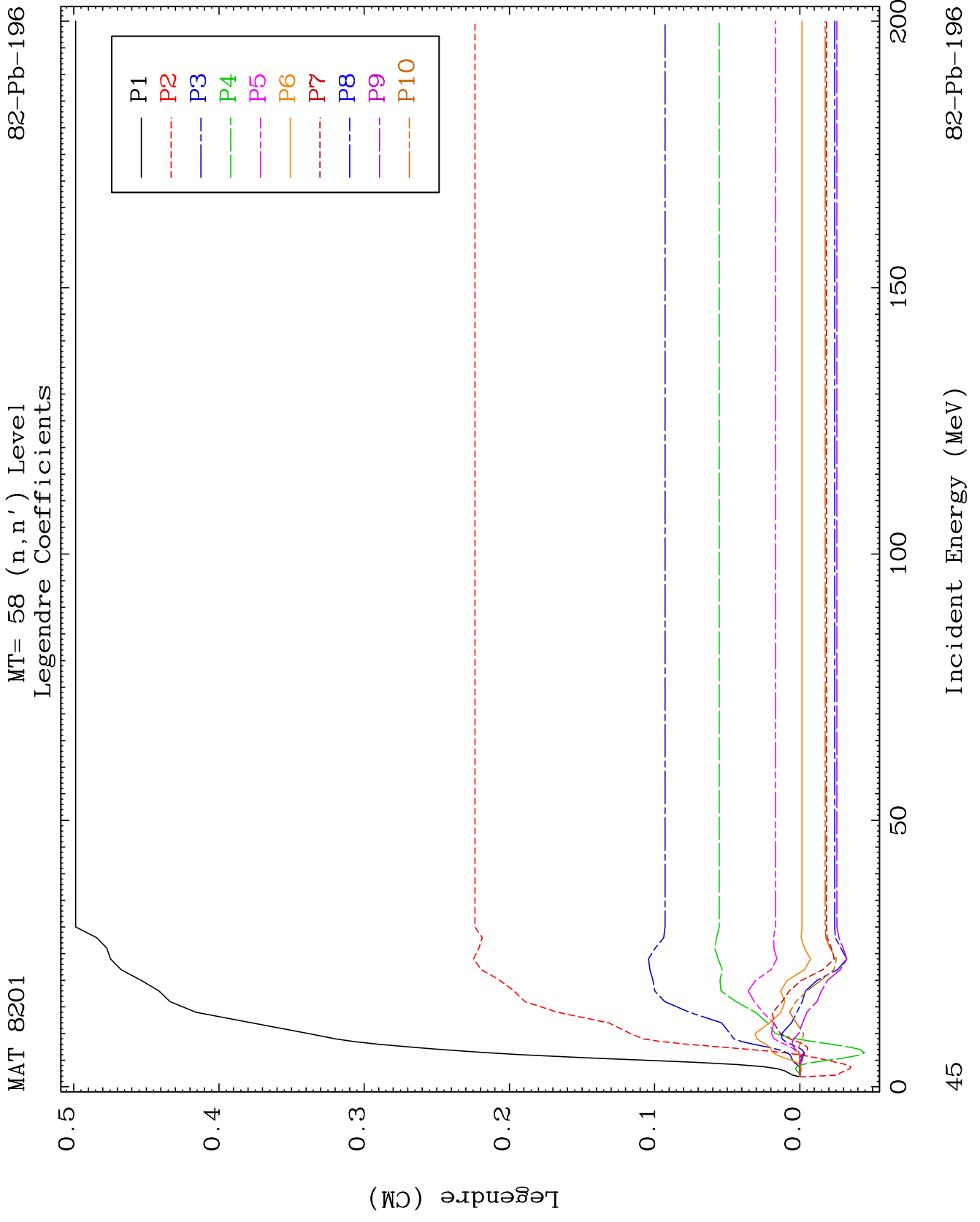
MAT 8201

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

82-Pb-196



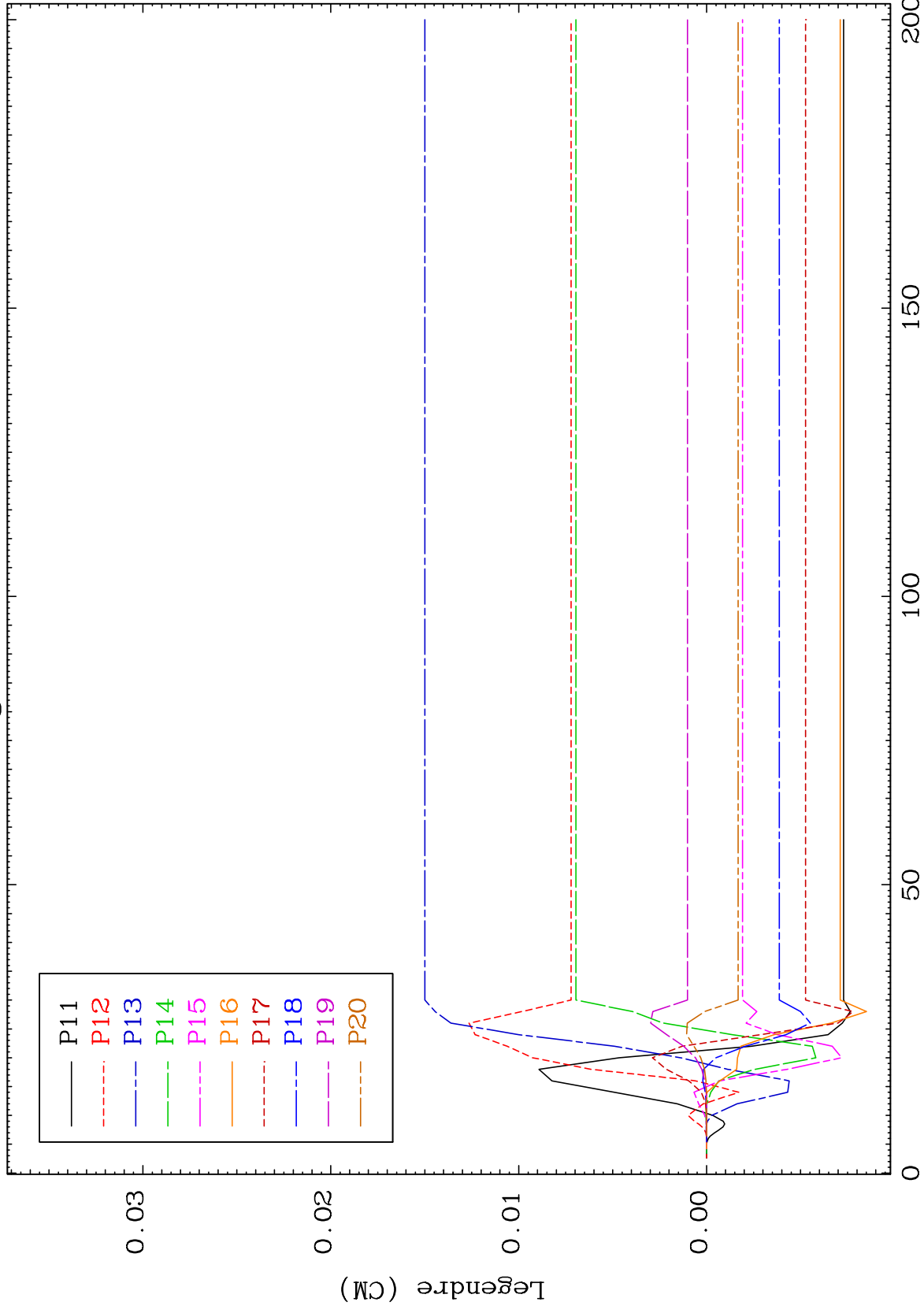
44



MAT 8201

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

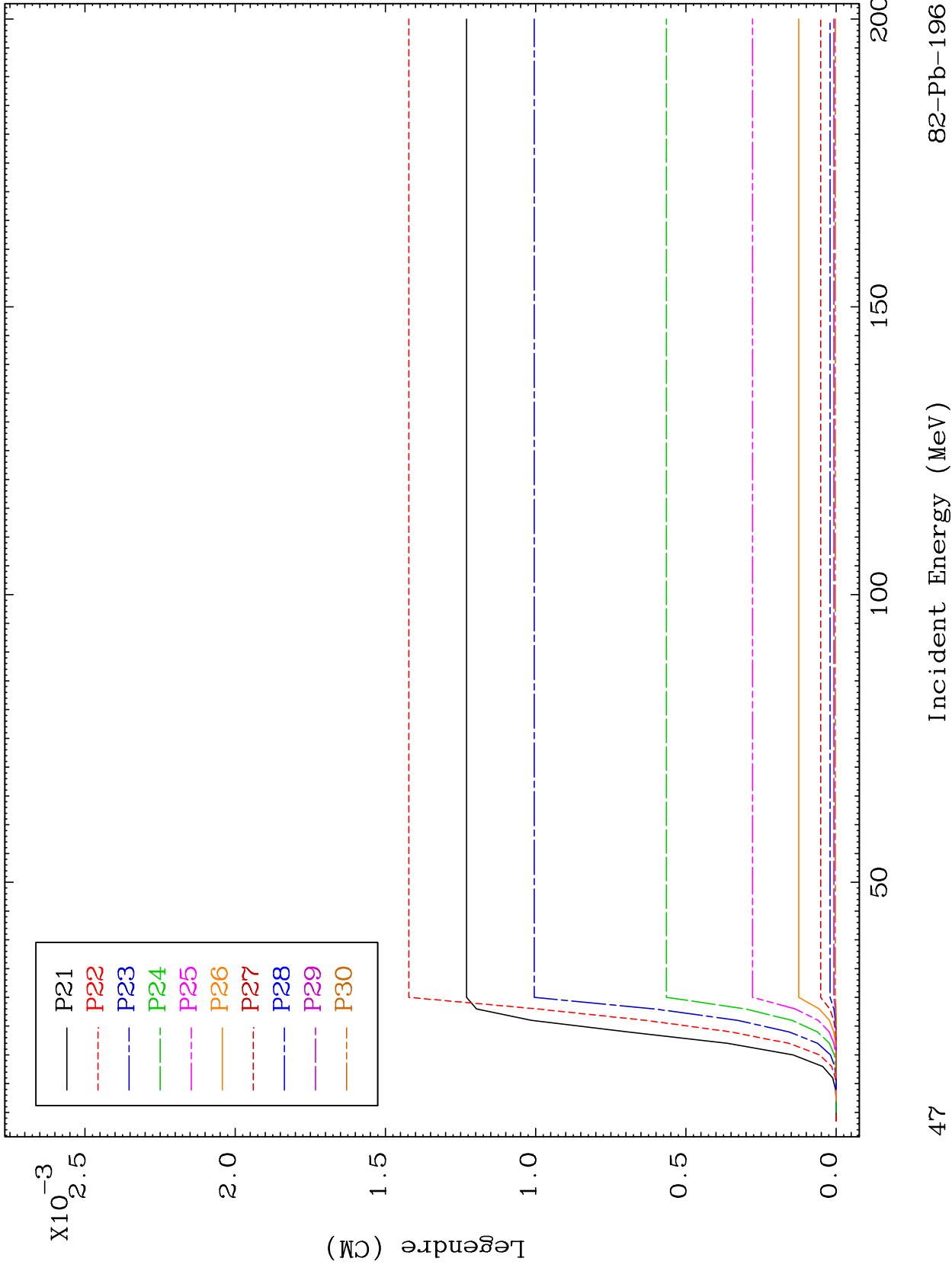
82-Pb-196



46

Incident Energy (MeV)

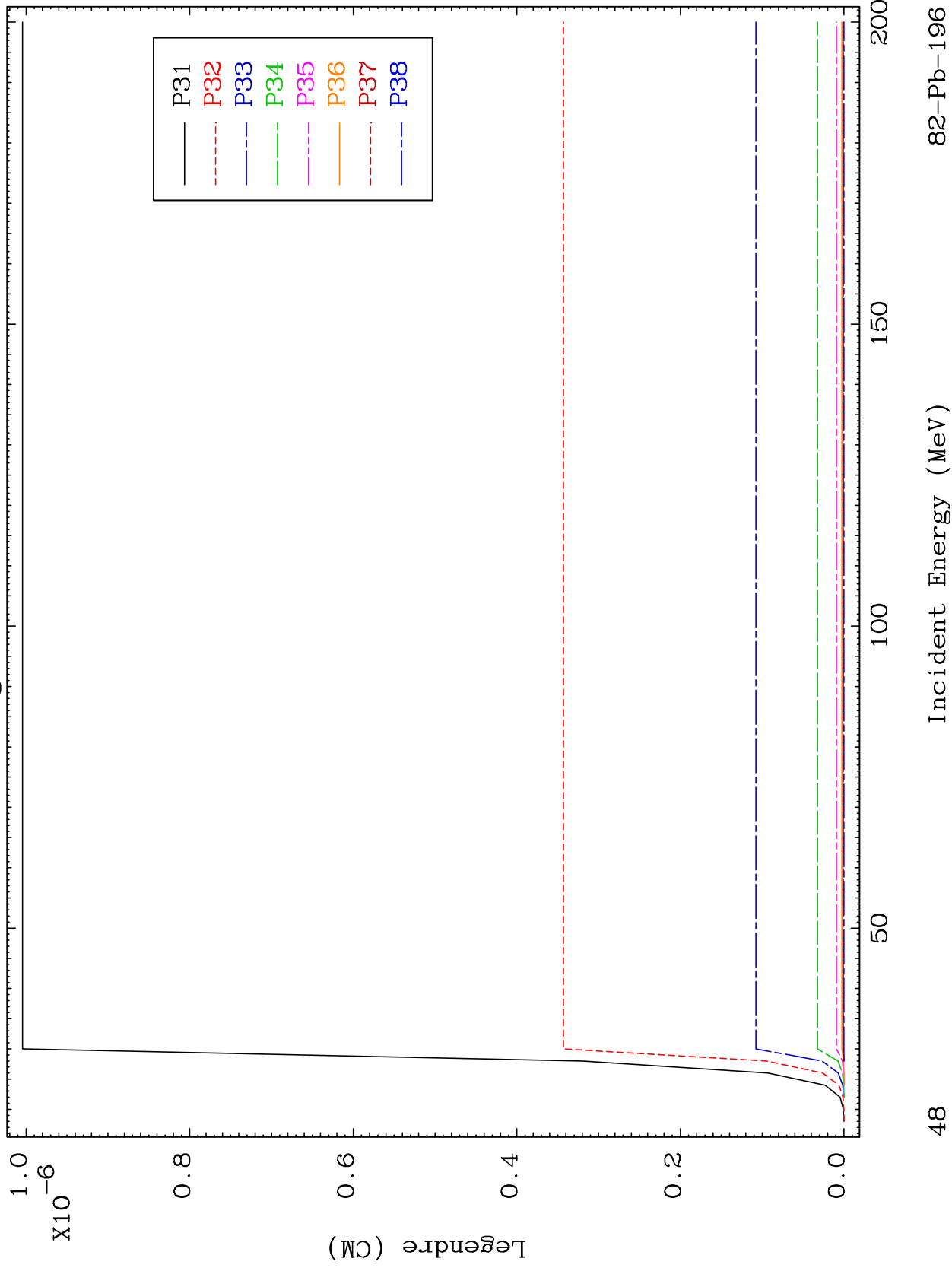
82-Pb-196



MAT 8201

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

82-Pb-196



48

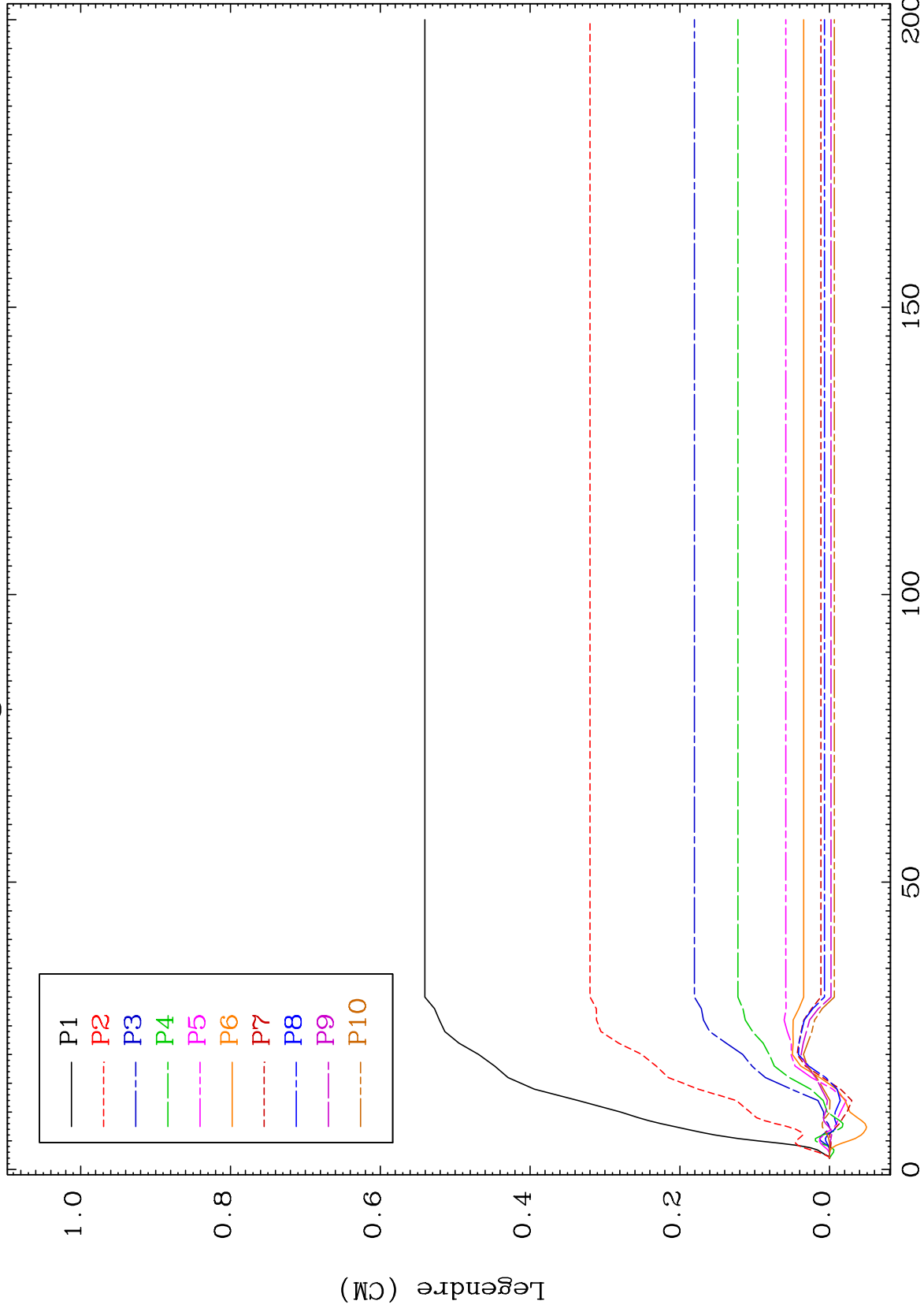
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



49

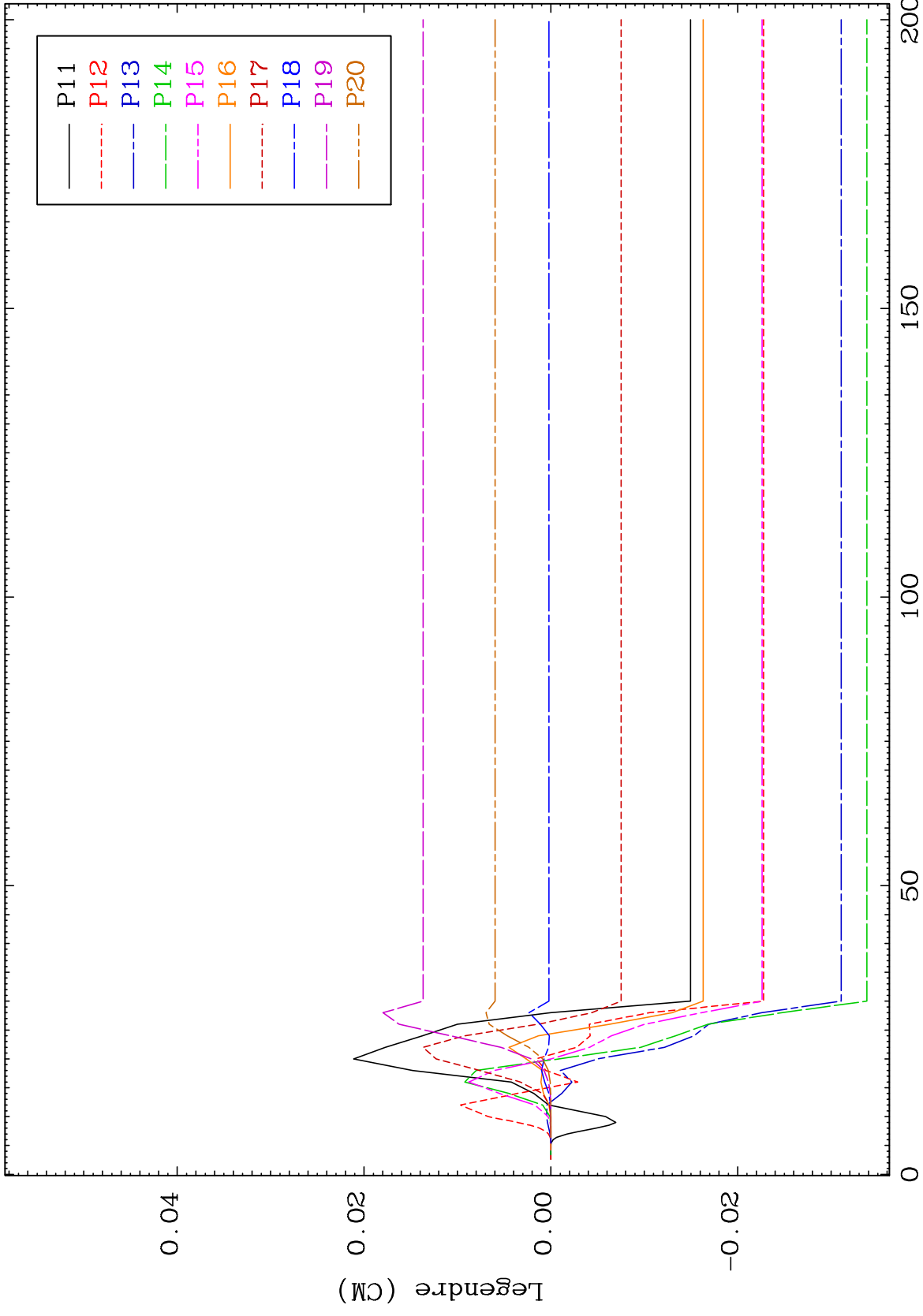
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



82-Pb-196

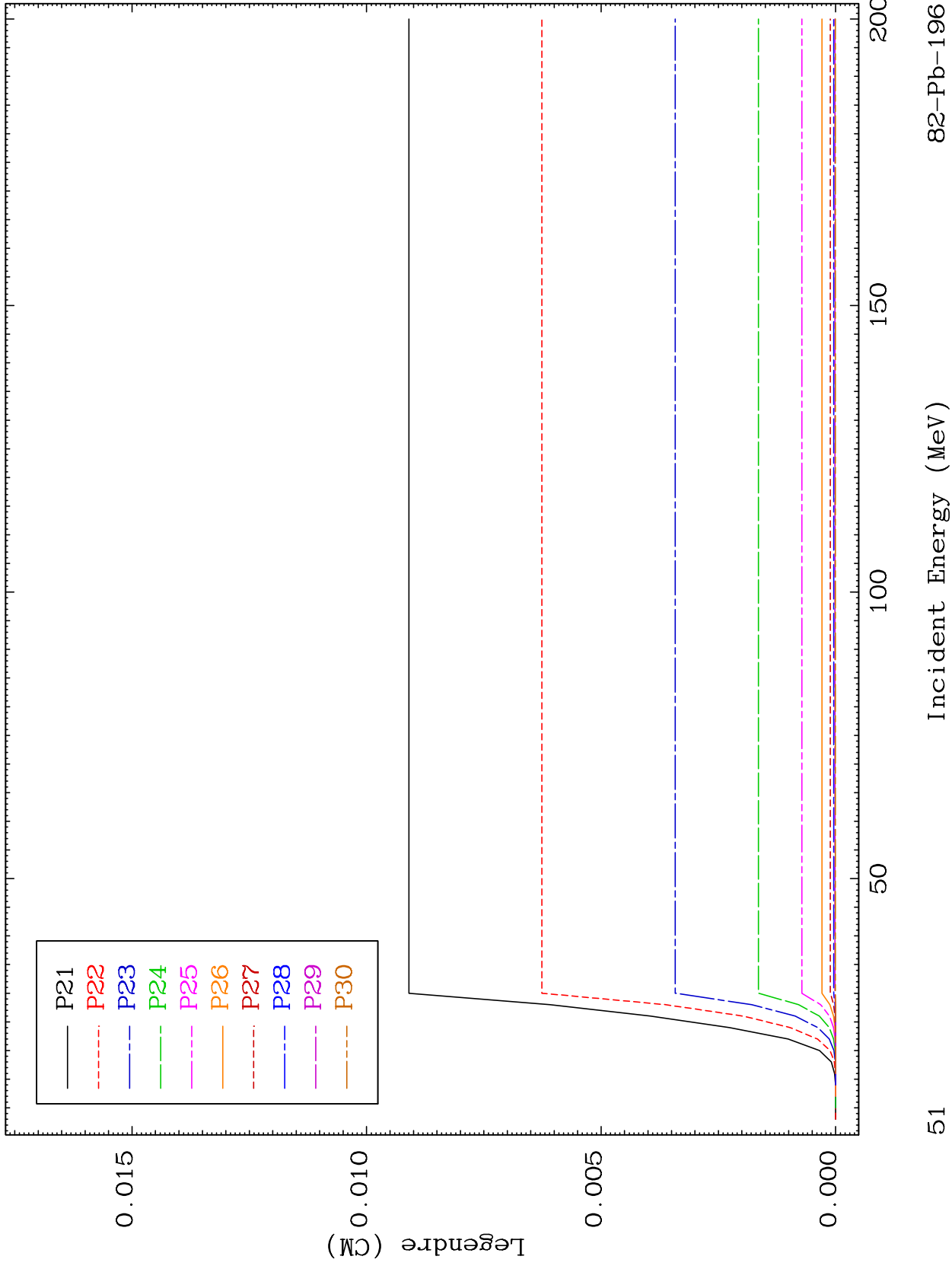
Incident Energy (MeV)

50

MAT 8201

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

82-Pb-196



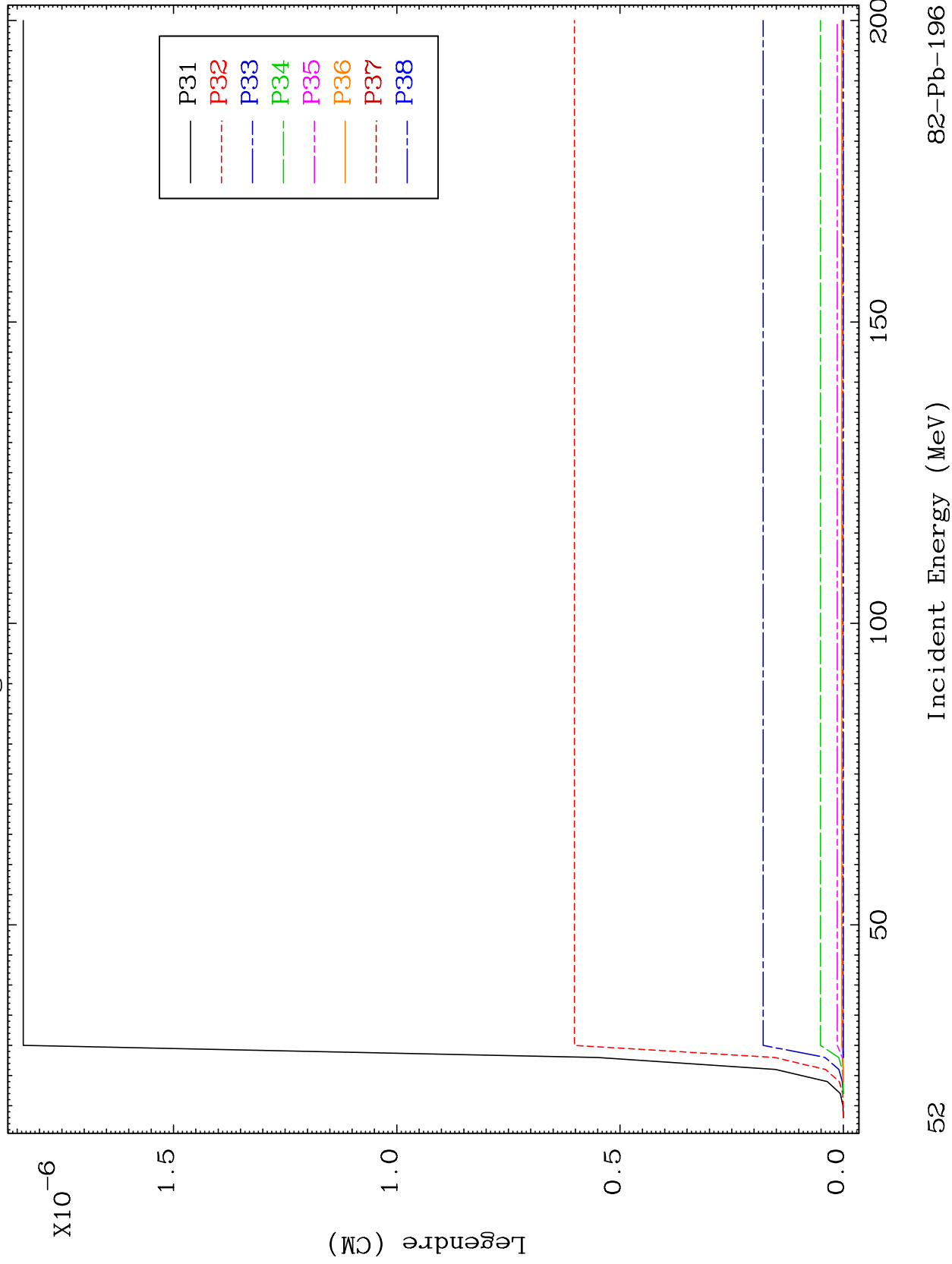
51

82-Pb-196

MAT 8201

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

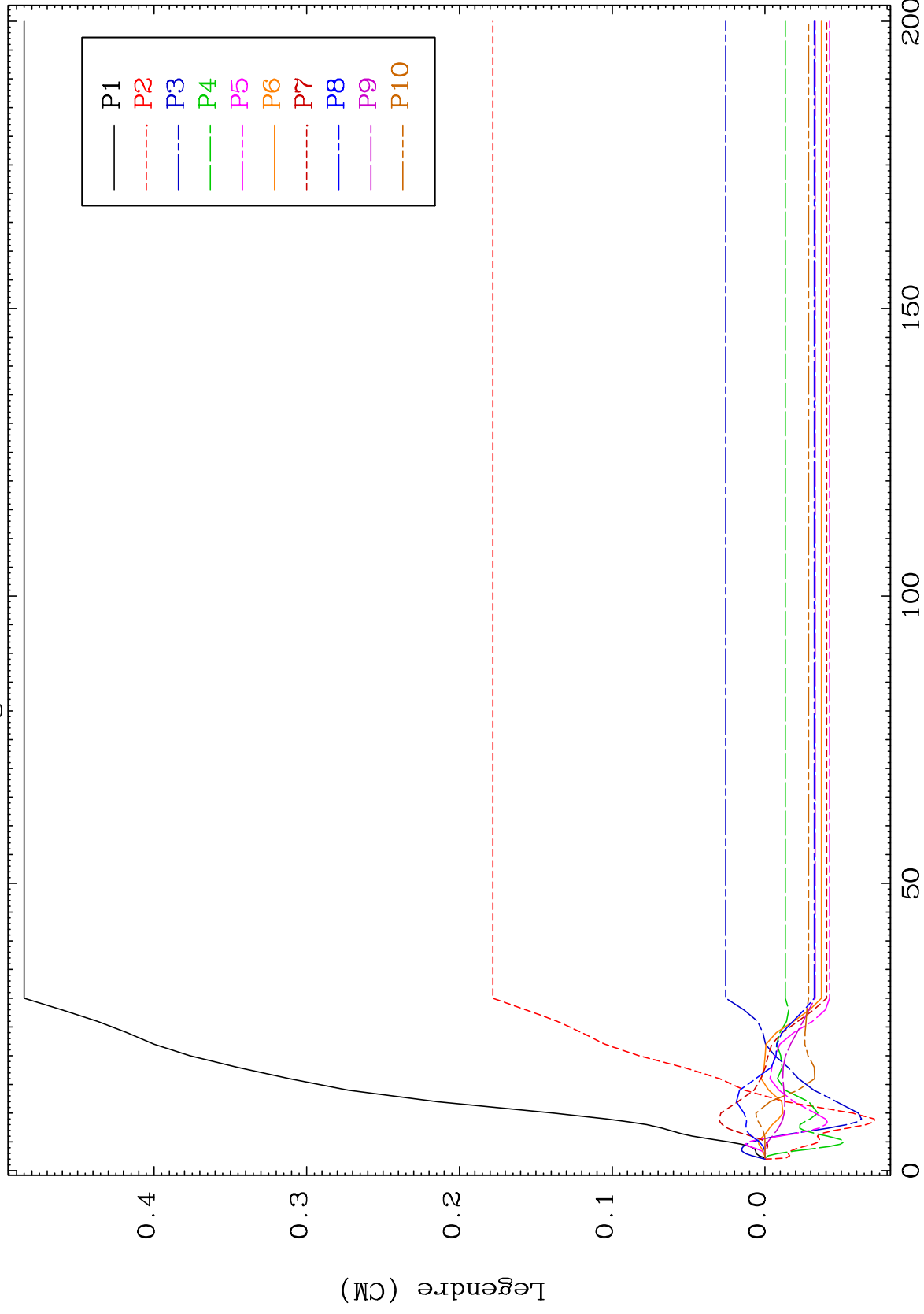
82-Pb-196



MAT 8201

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

82-Pb-196



53

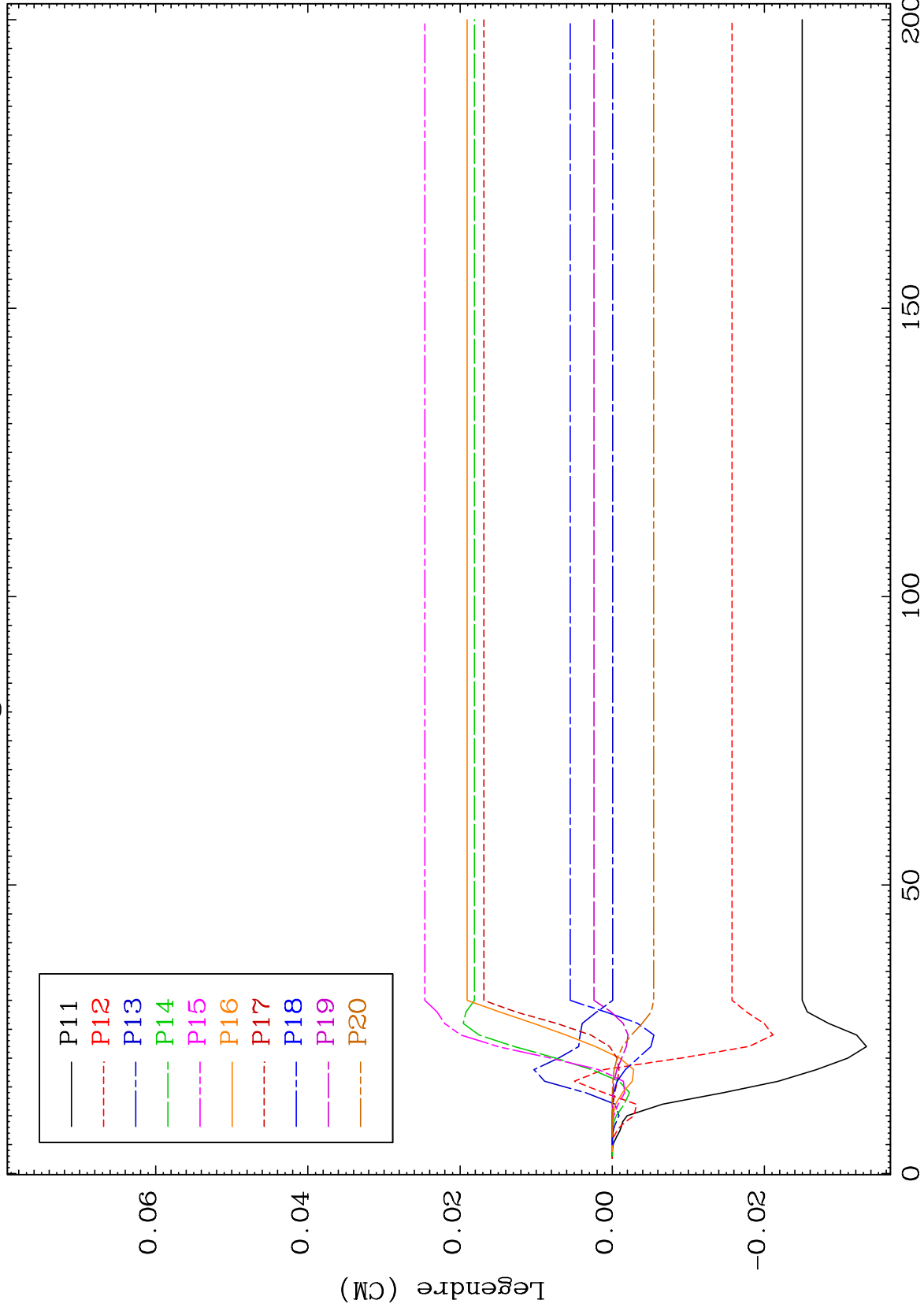
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

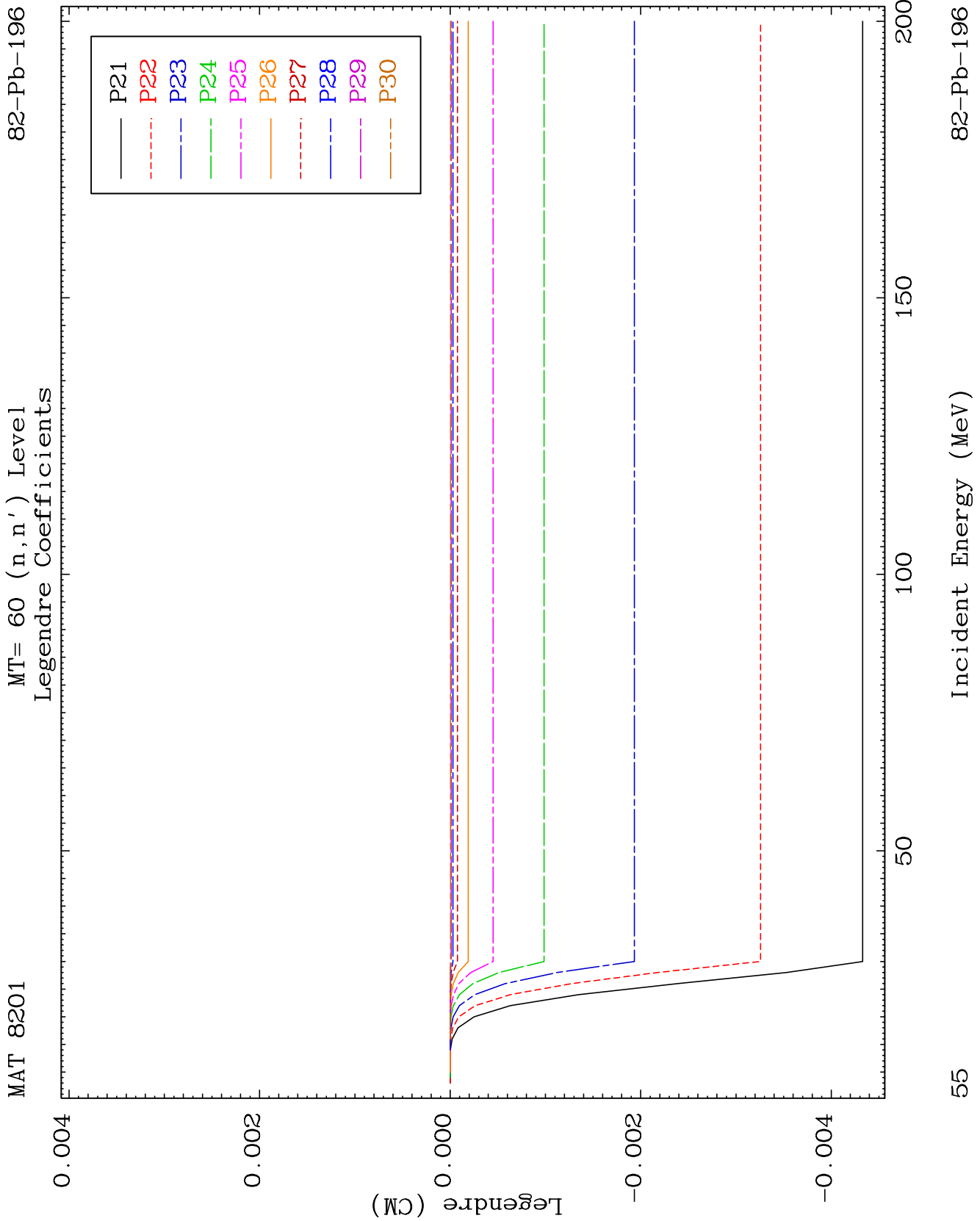
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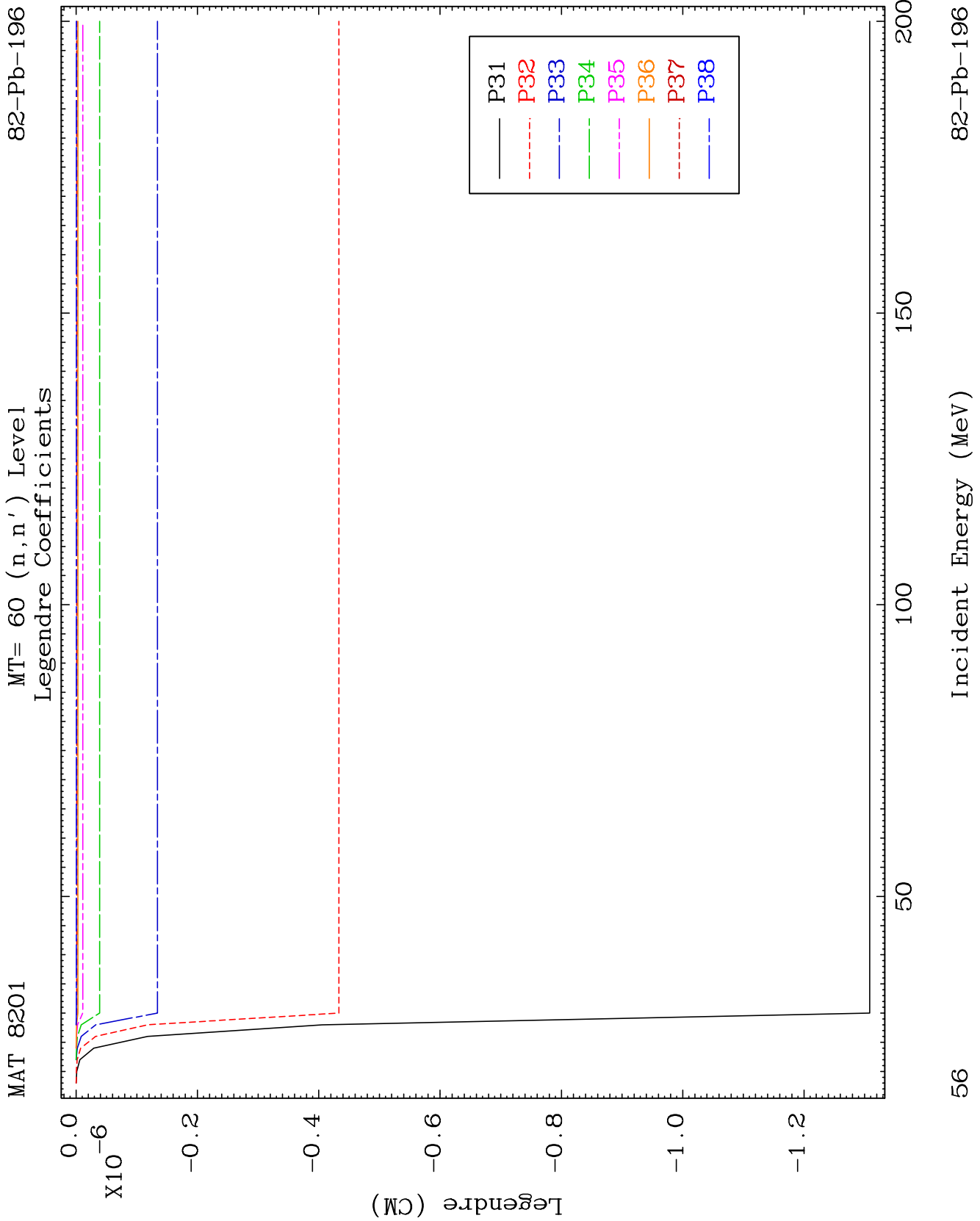


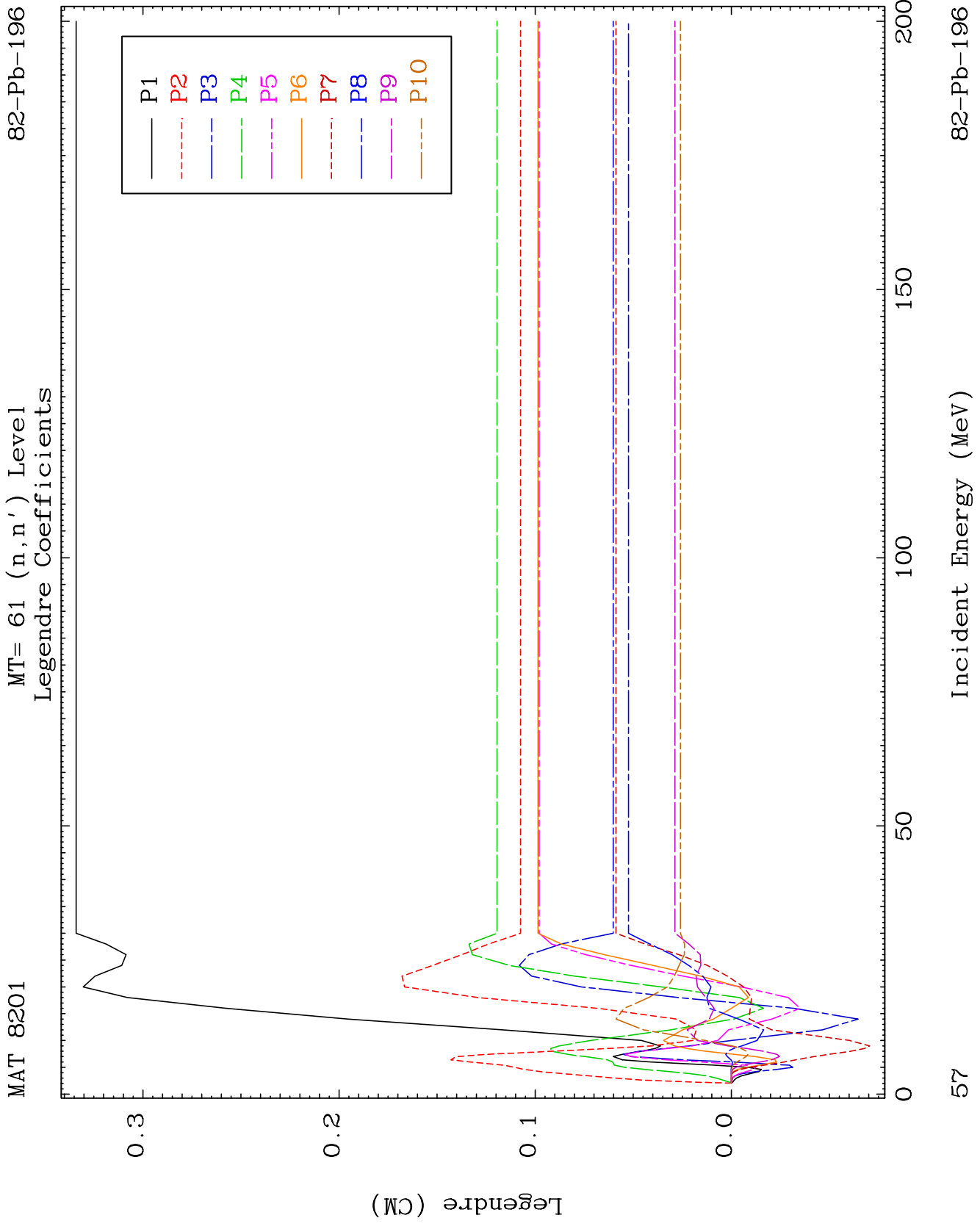
54

Incident Energy (MeV)

82-Pb-196



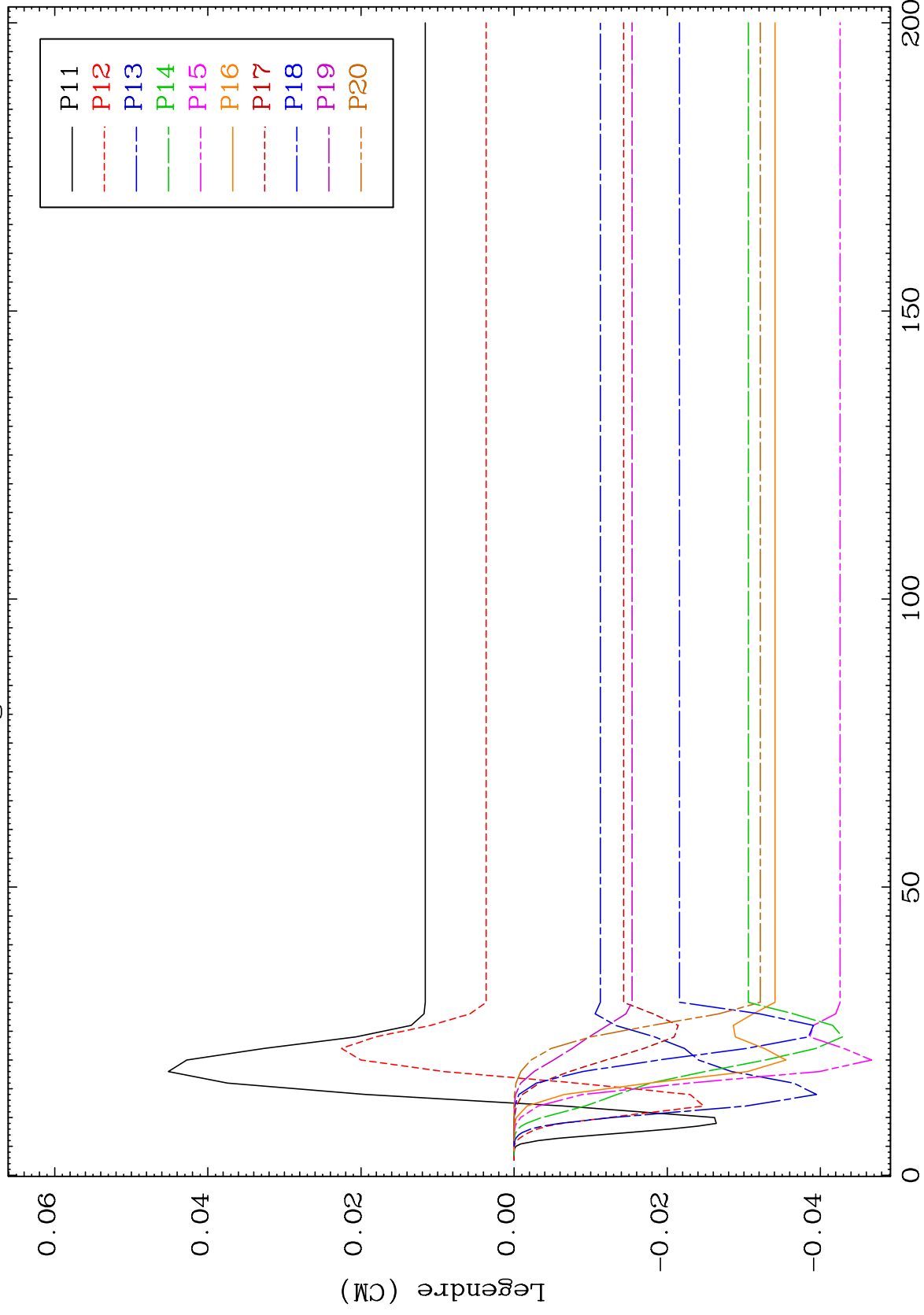




MAT 8201

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

82-Pb-196



58

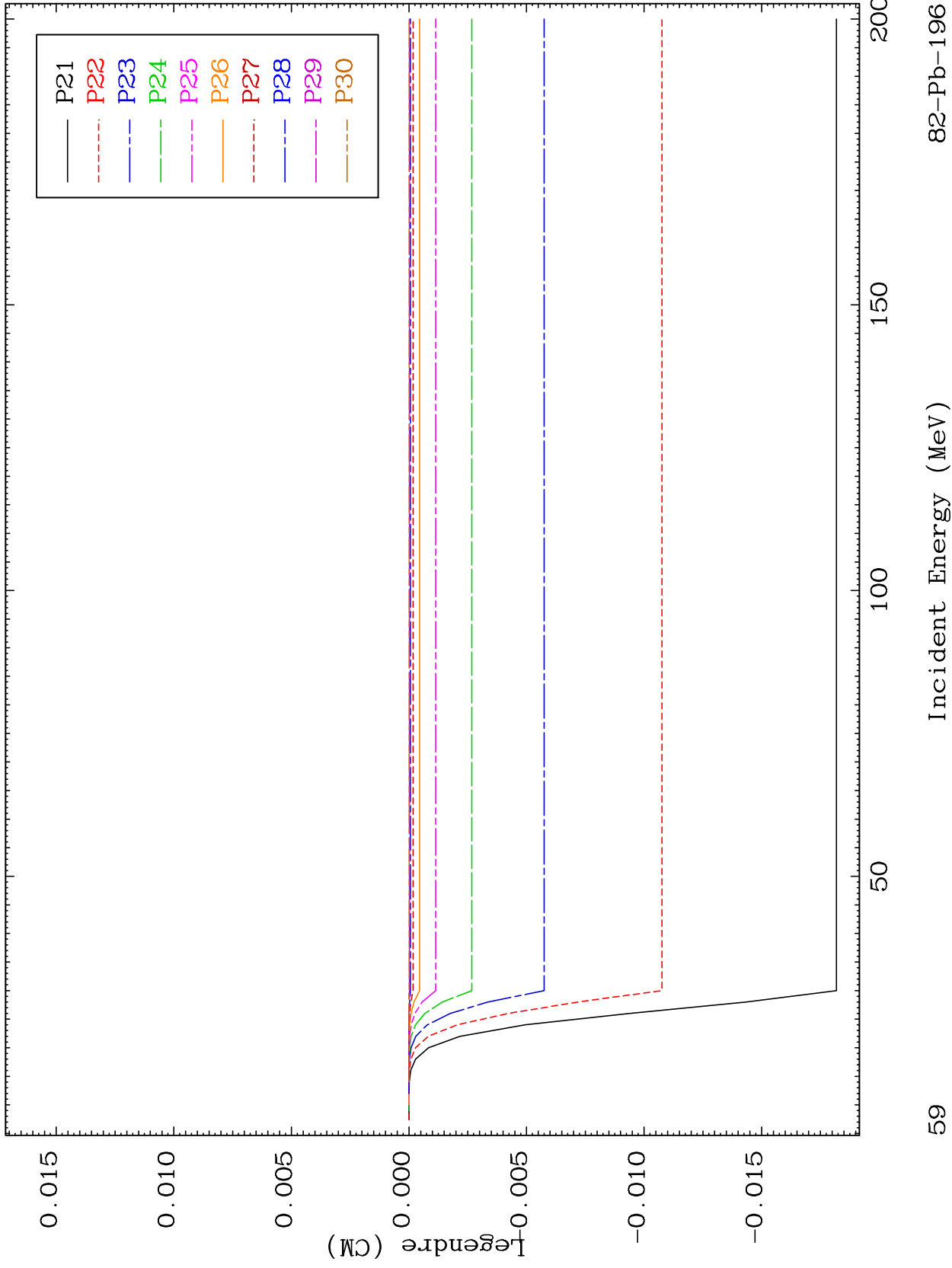
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

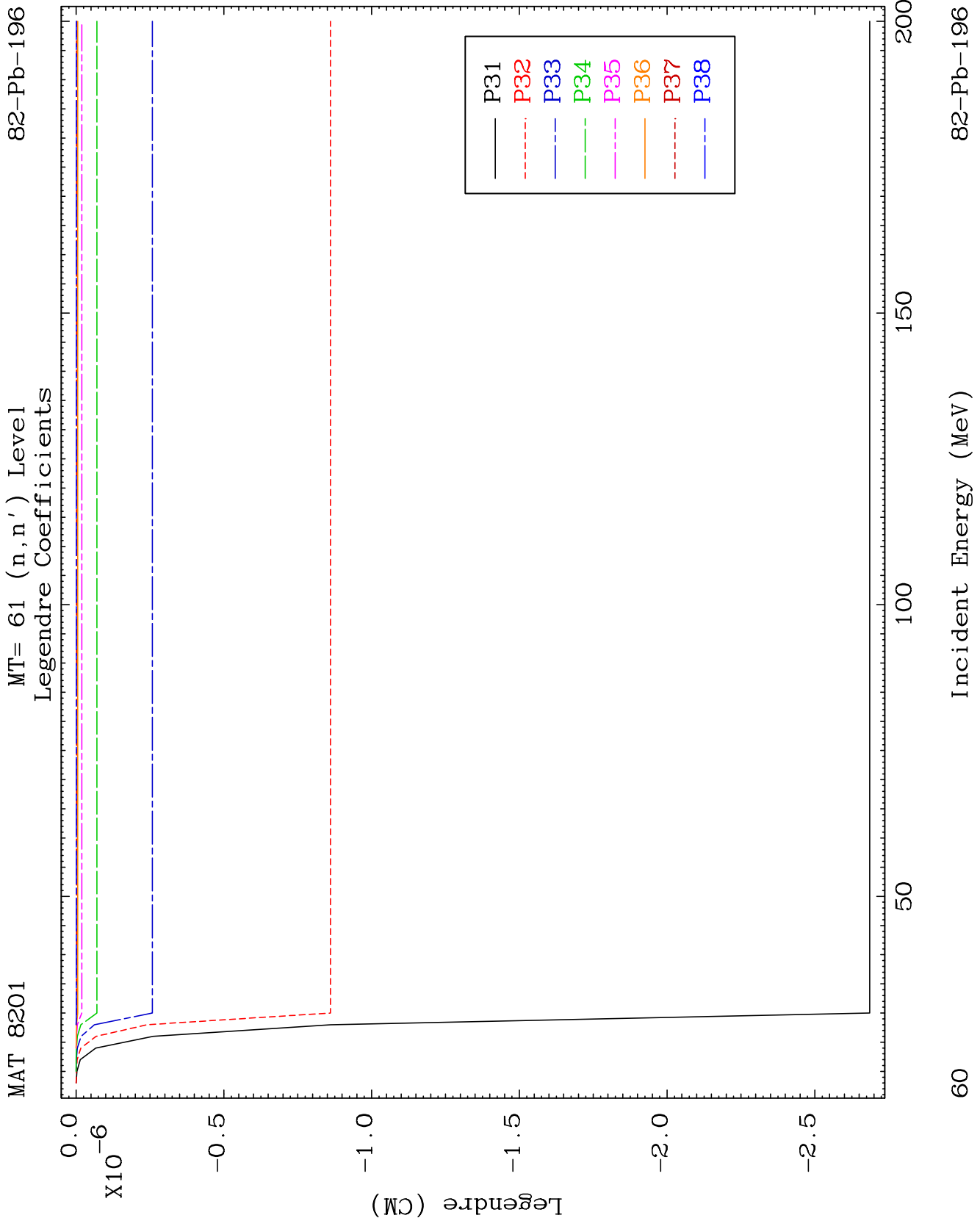
82-Pb-196



59

Incident Energy (MeV)

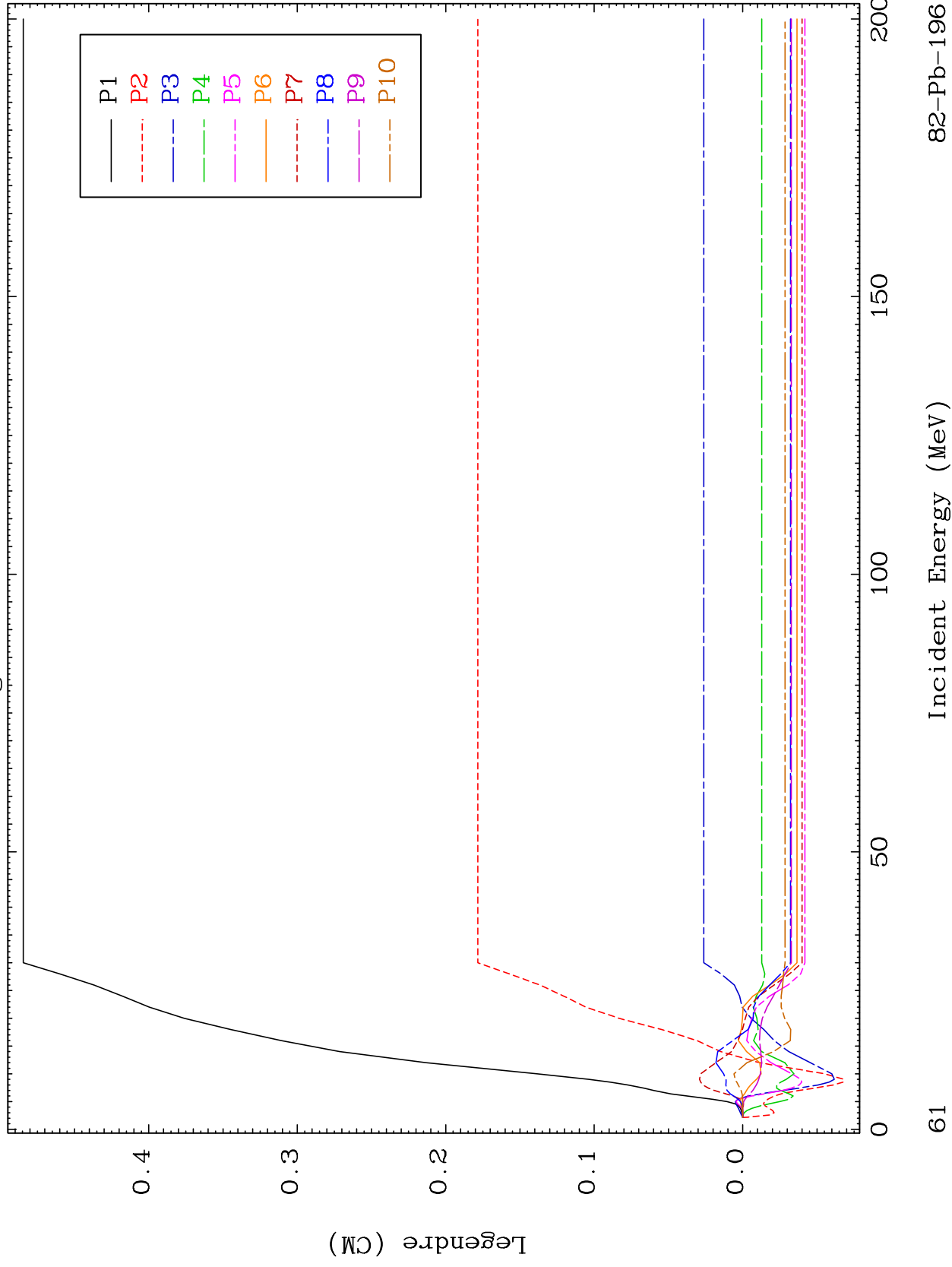
82-Pb-196



MAT 8201

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

82-Pb-196



61

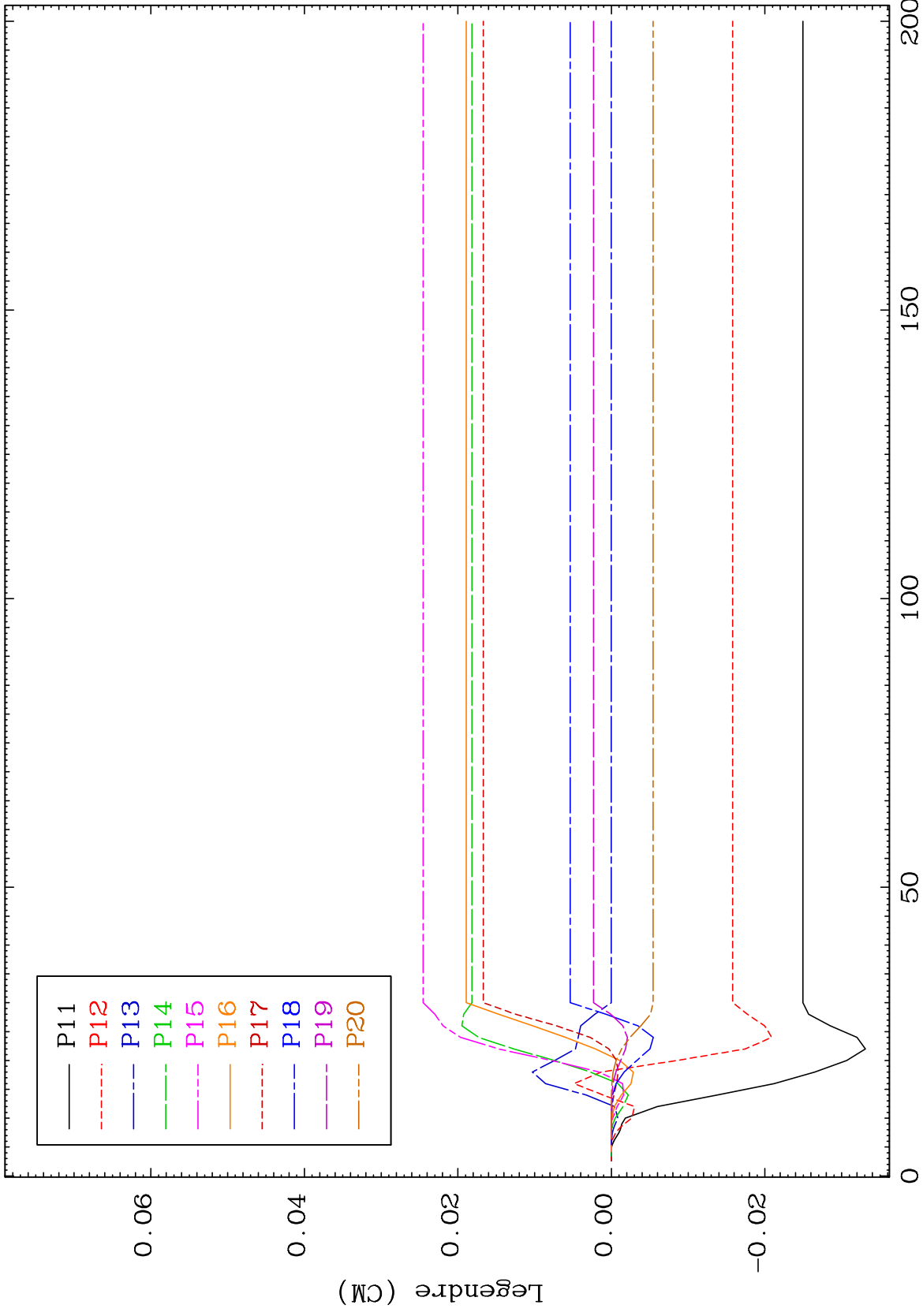
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

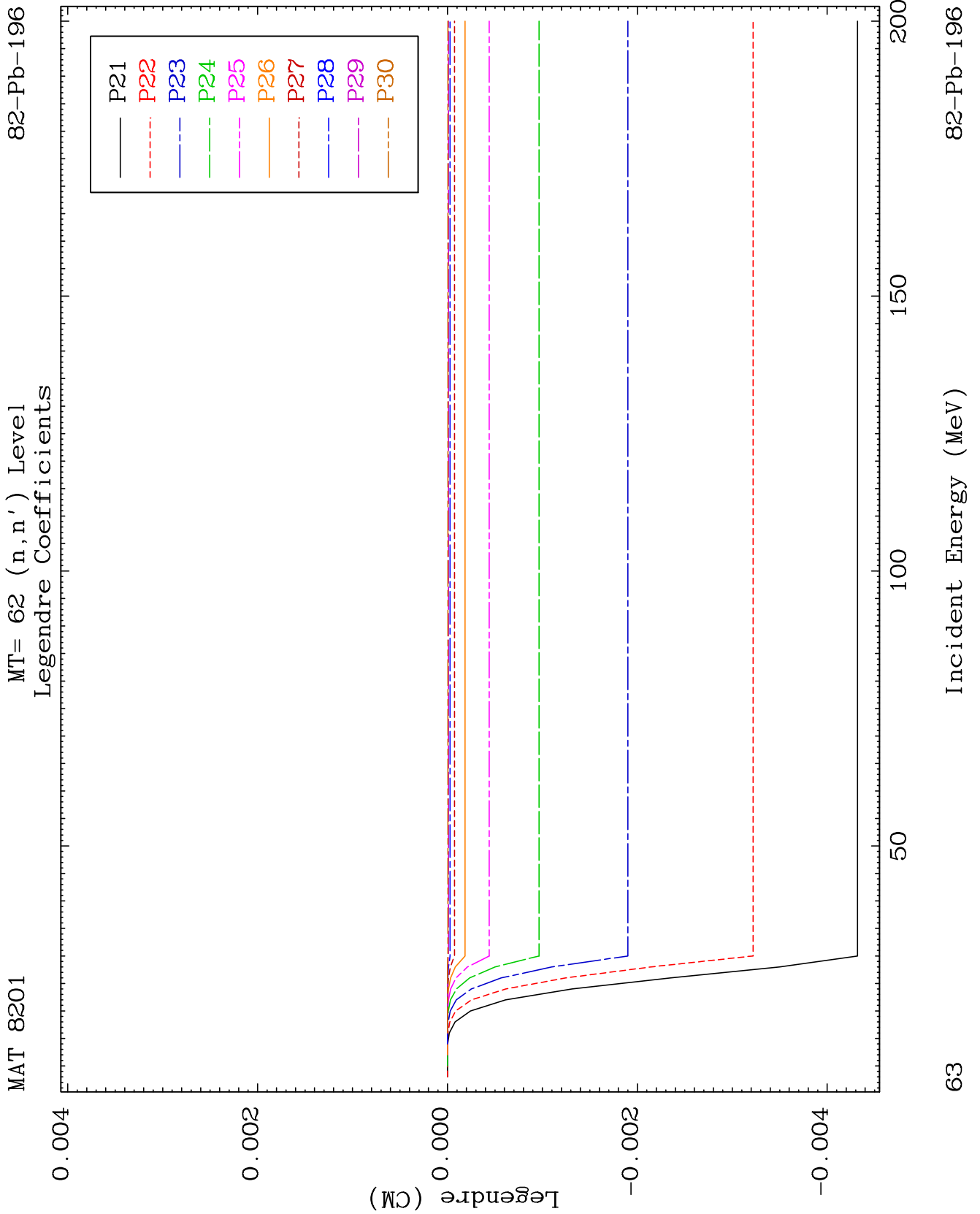
82-Pb-196

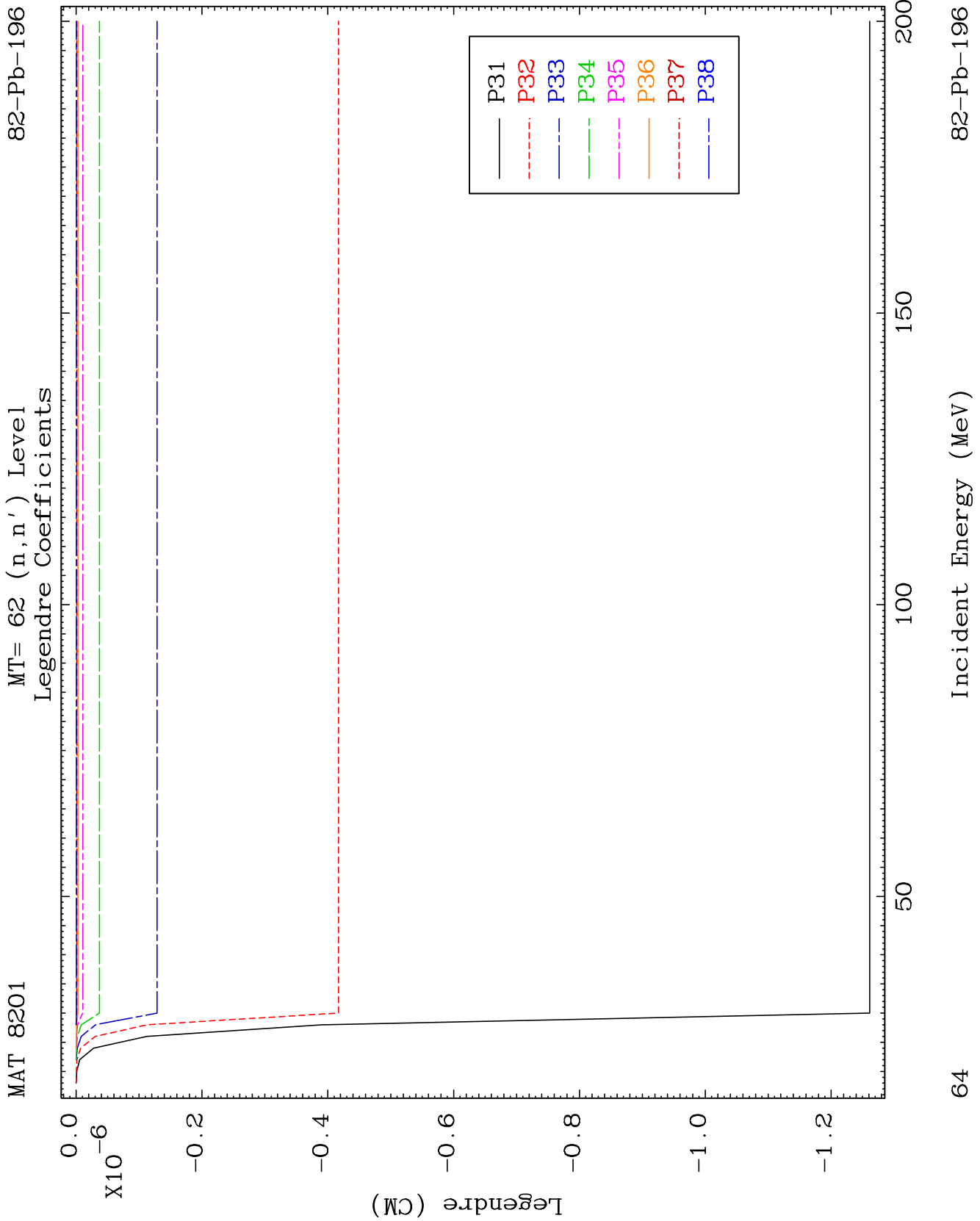


62

Incident Energy (MeV)

82-Pb-196

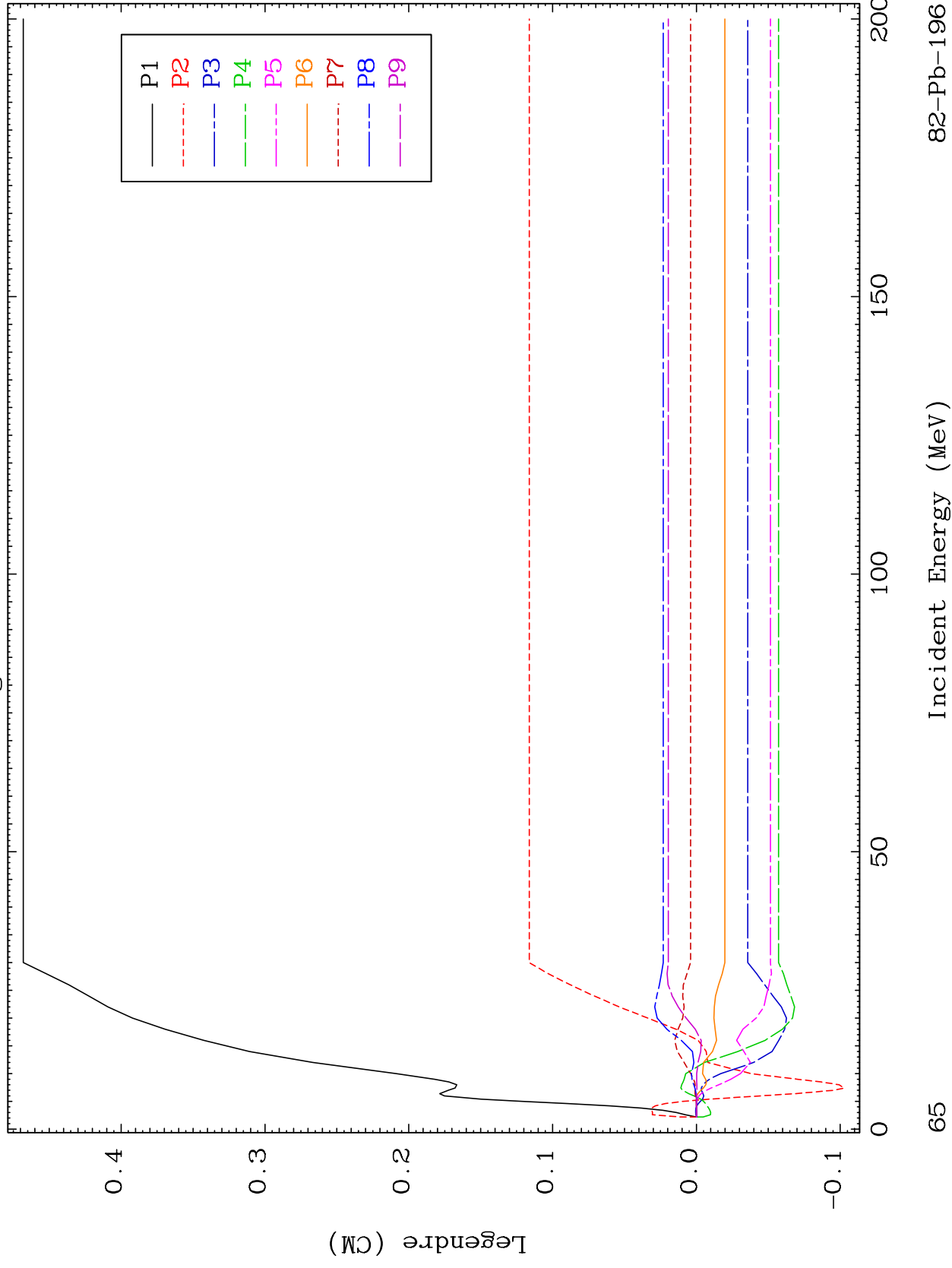




MAT 8201

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

82-Pb-196



82-Pb-196

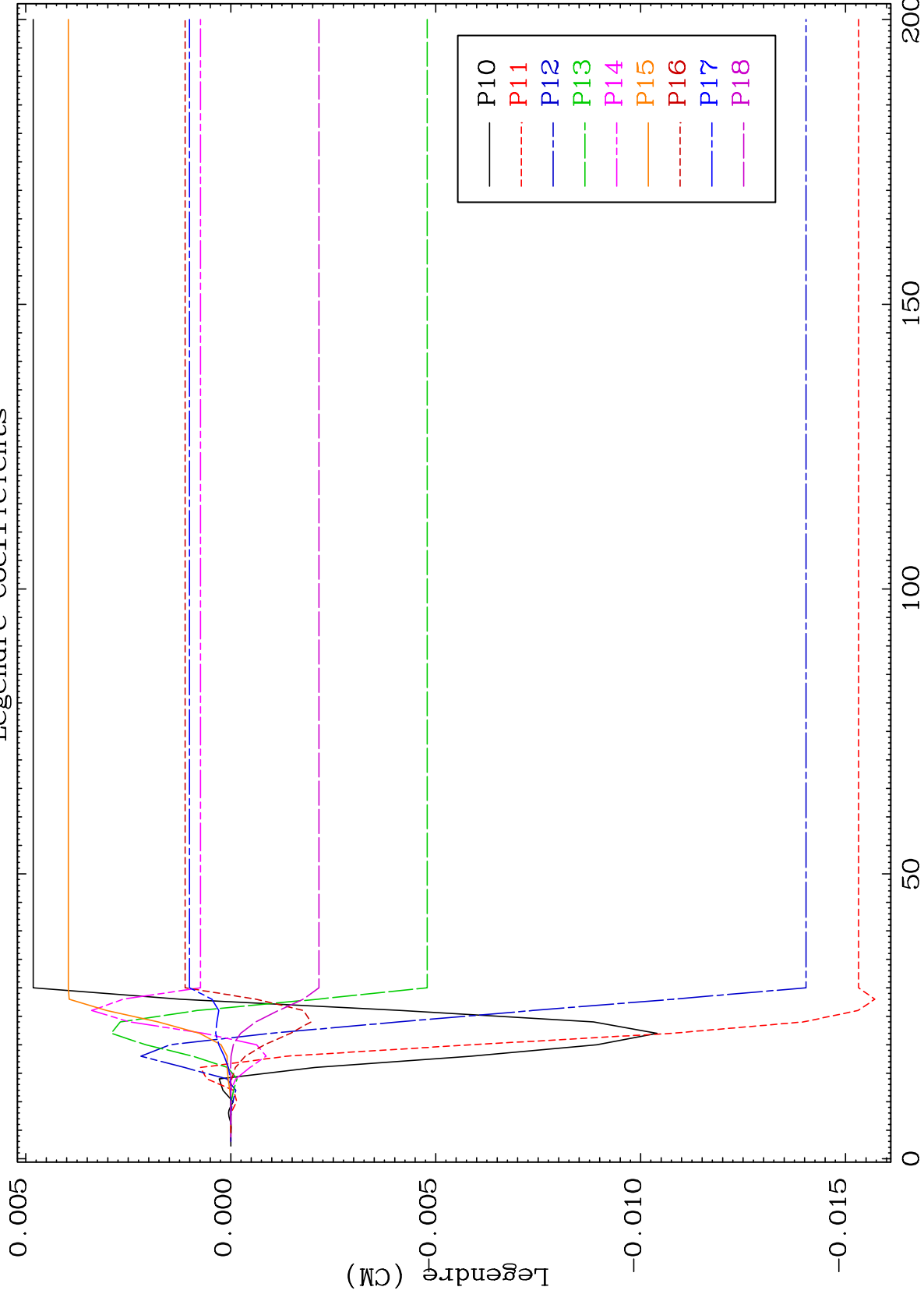
Incident Energy (MeV)

65

MAT 8201

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

82-Pb-196



66

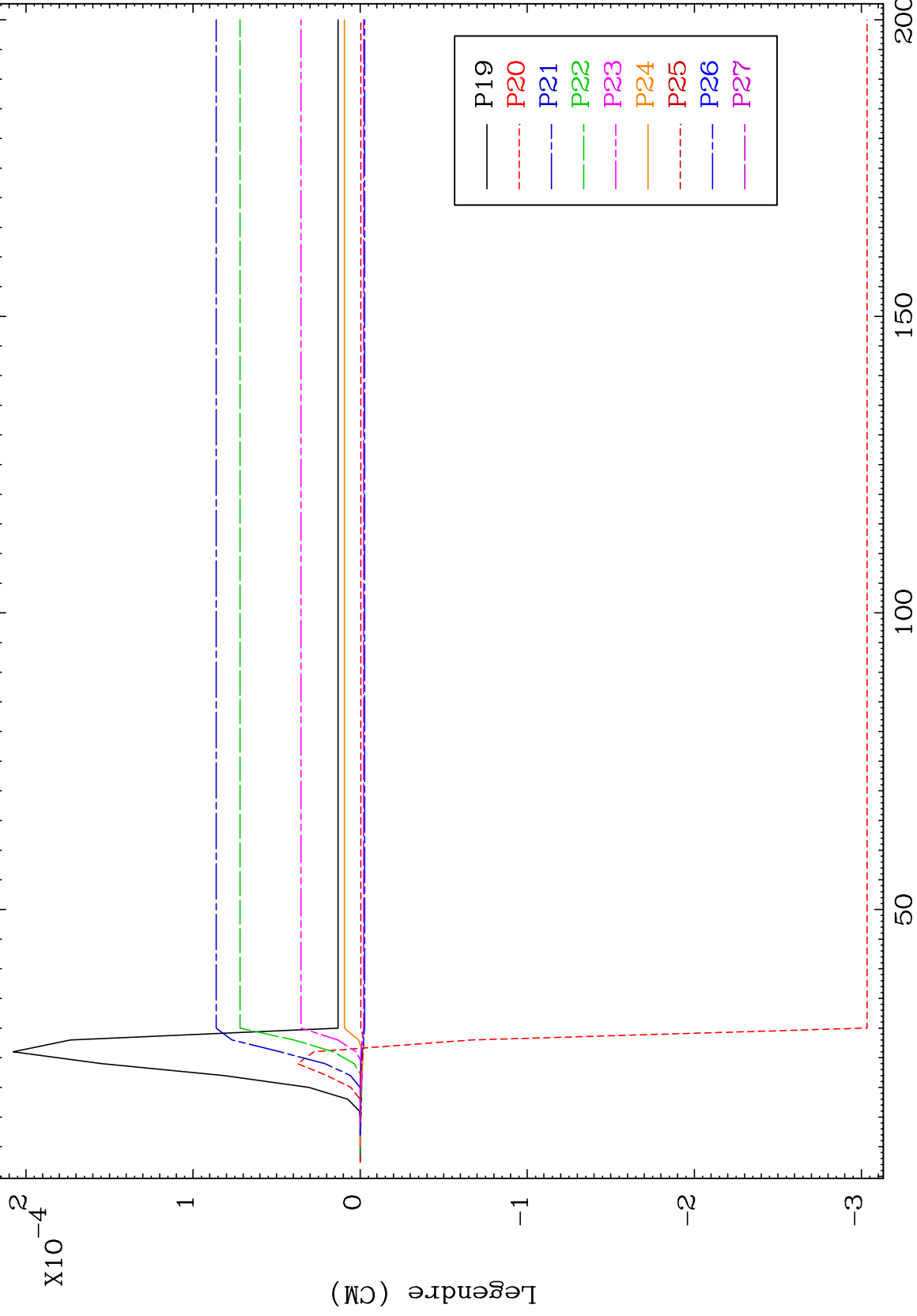
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

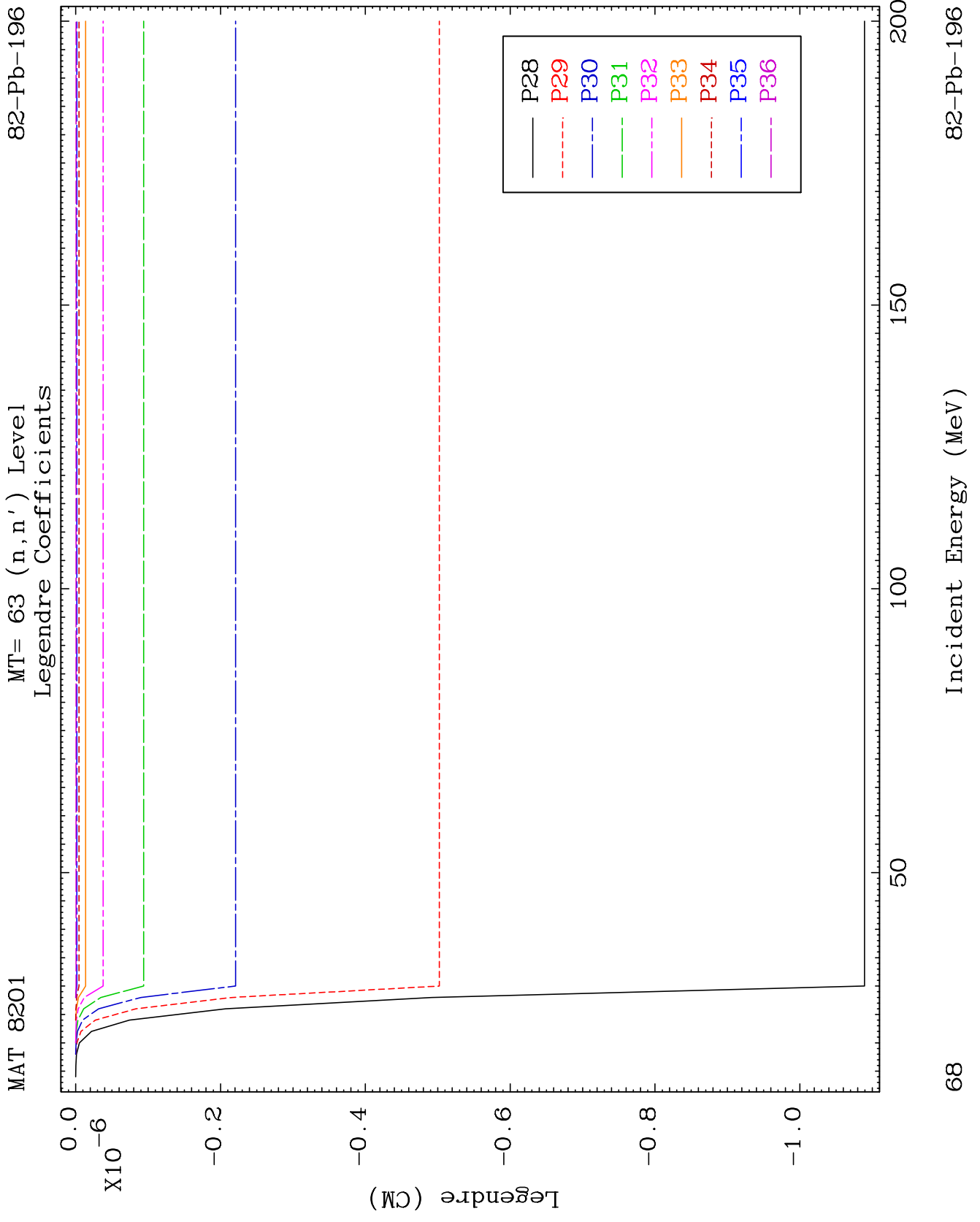
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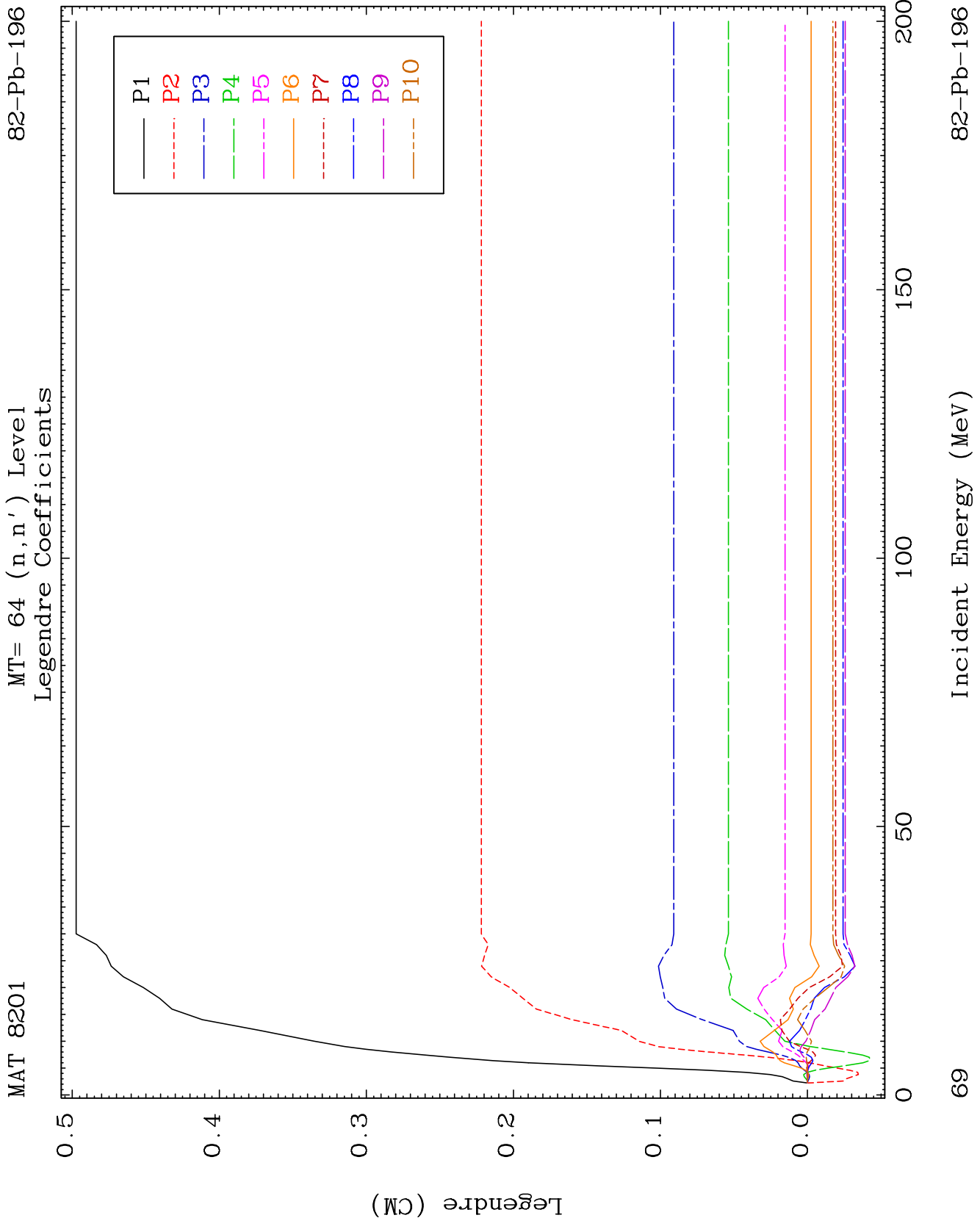


67

Incident Energy (MeV)

82-Pb-196

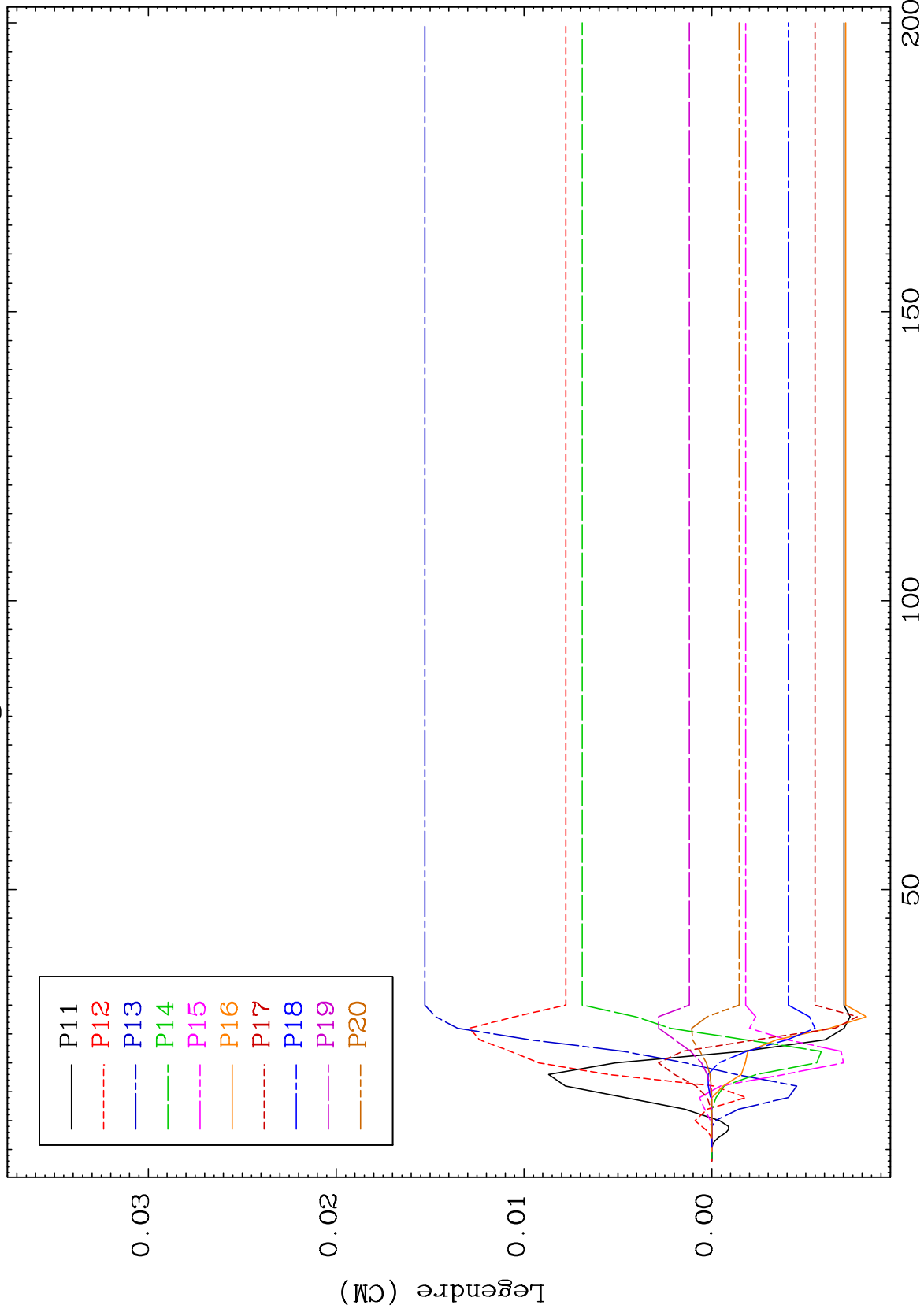




MAT 8201

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

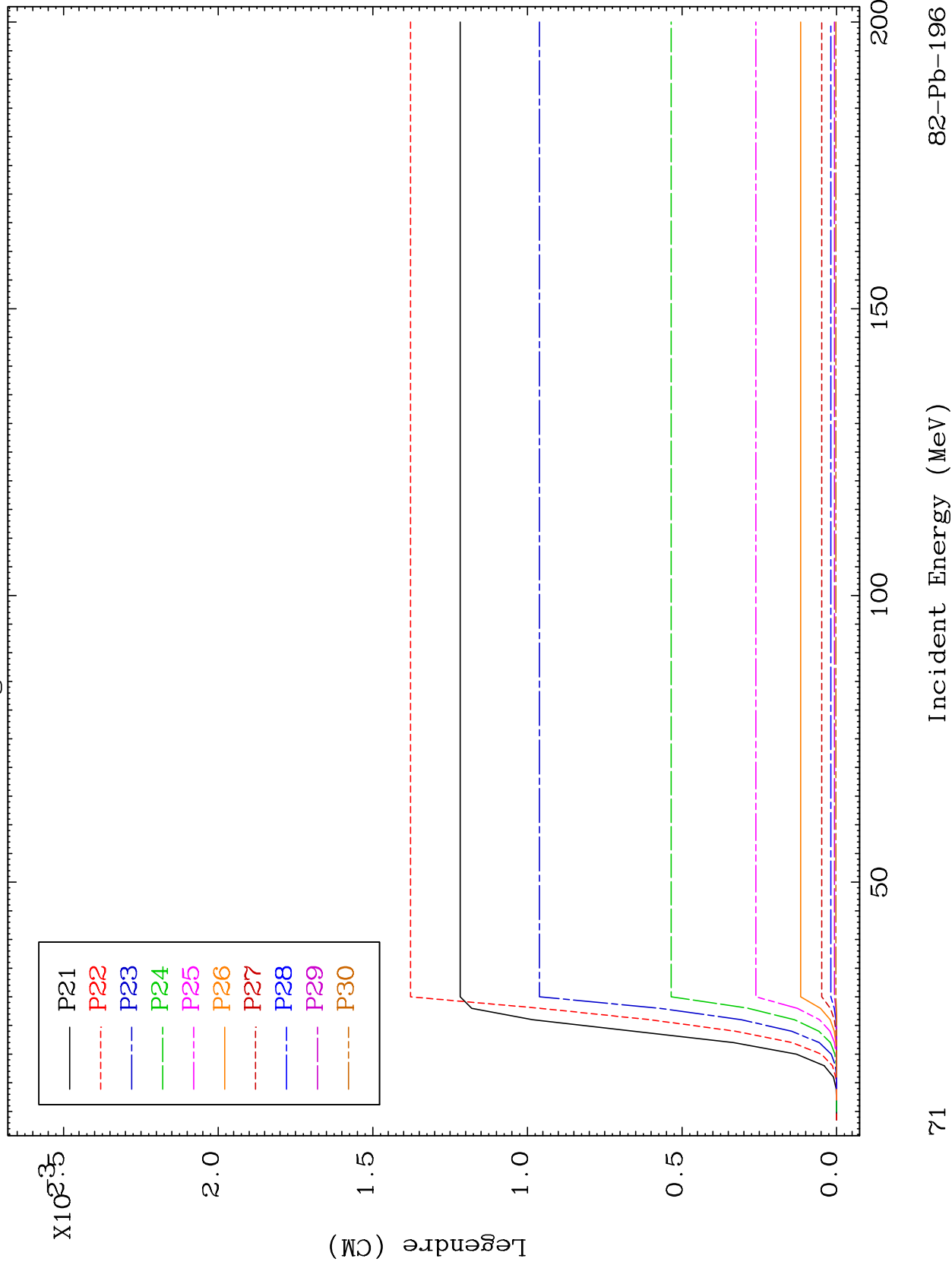
82-Pb-196



70

Incident Energy (MeV)

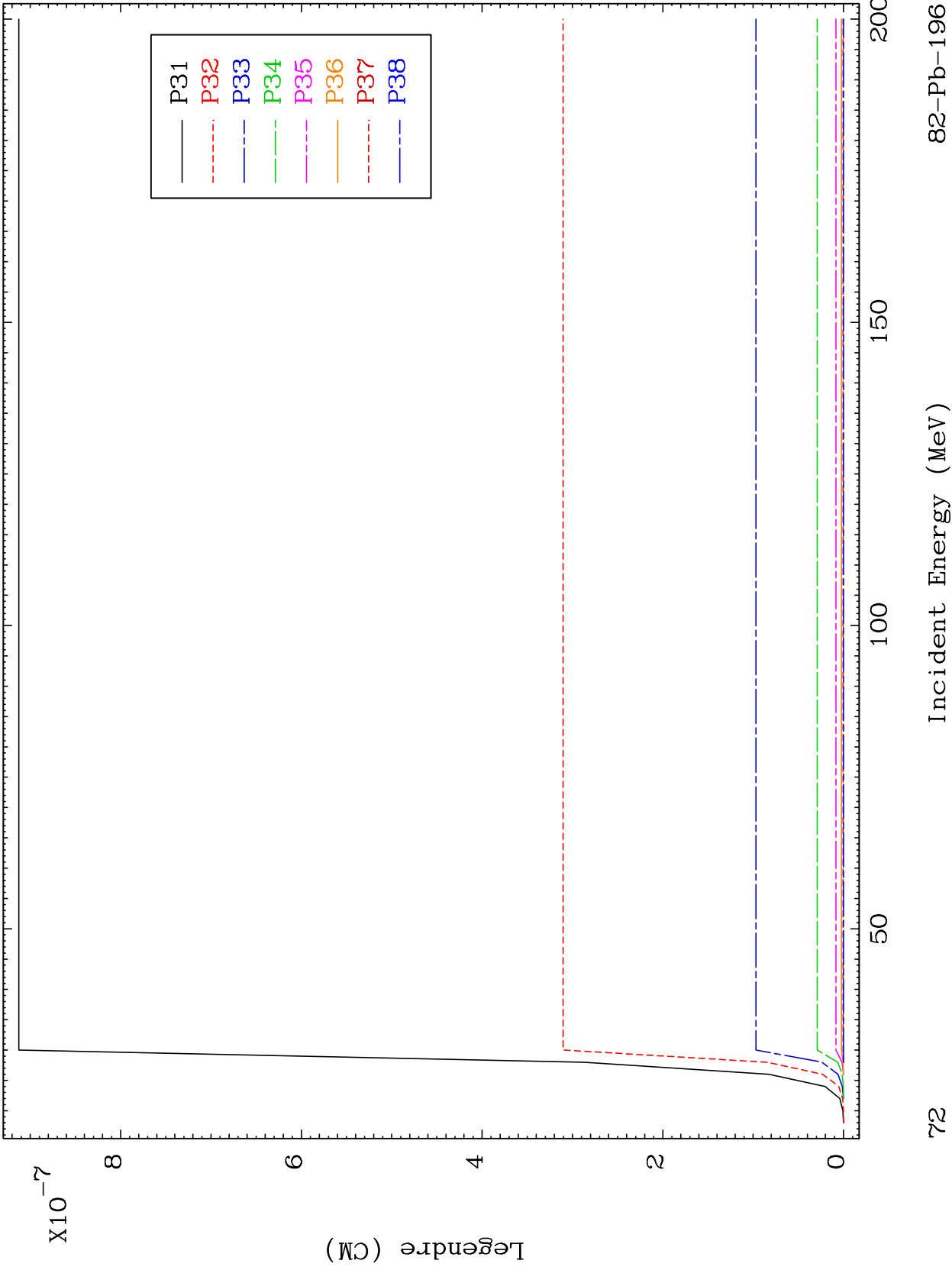
82-Pb-196



MAT 8201

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

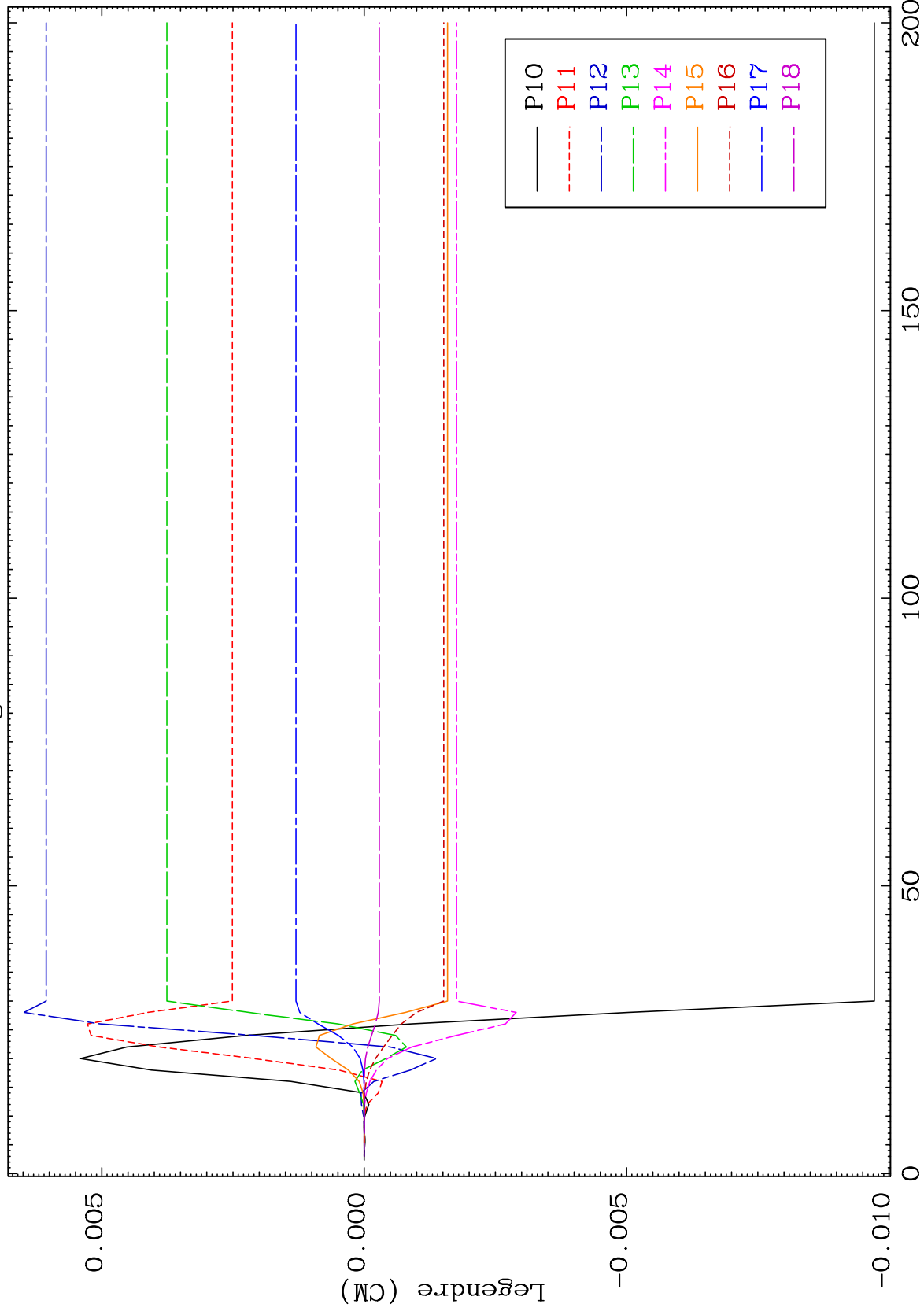
82-Pb-196



MAT 8201

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

82-Pb-196



74

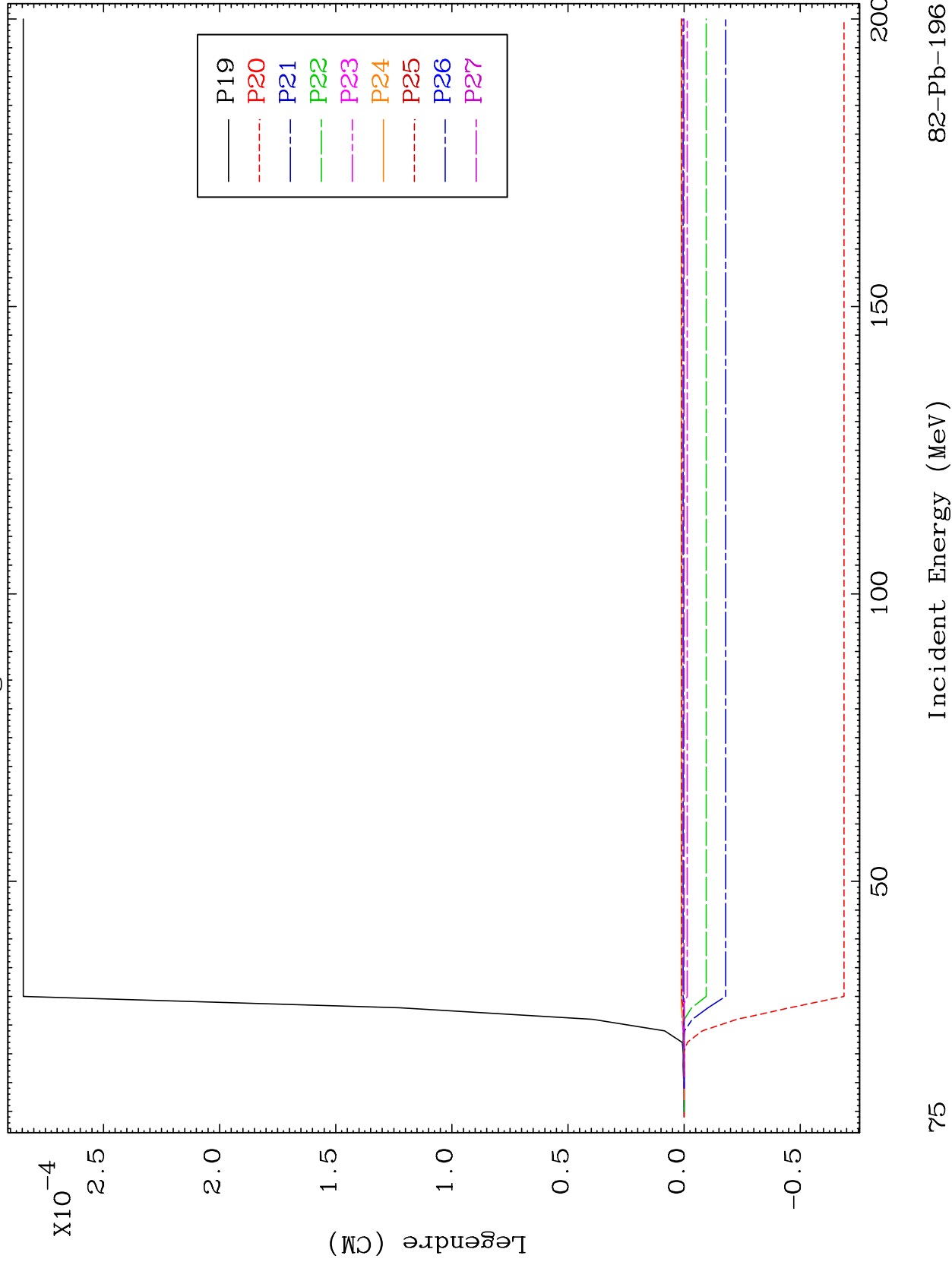
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

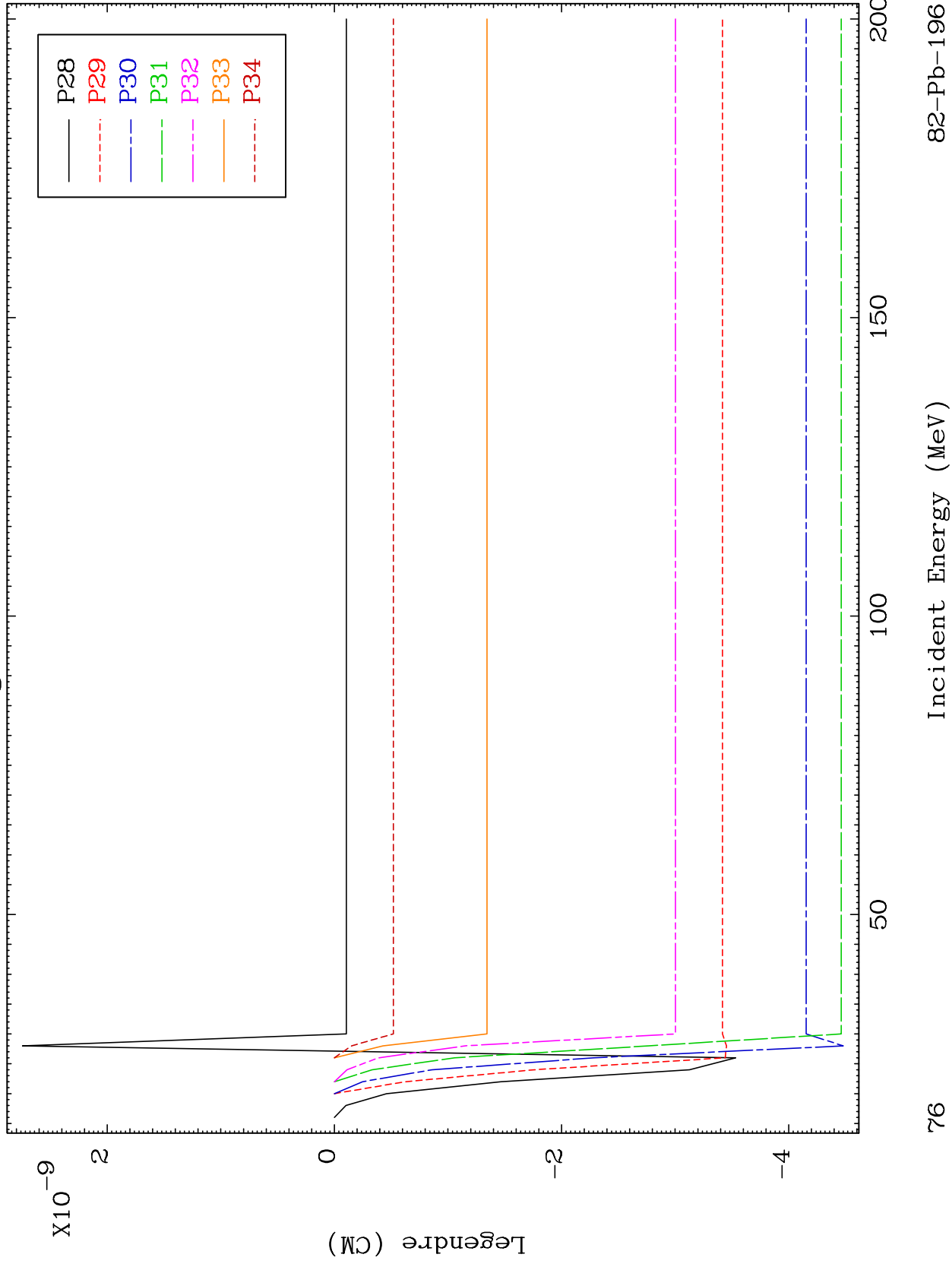
82-Pb-196



MAT 8201

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

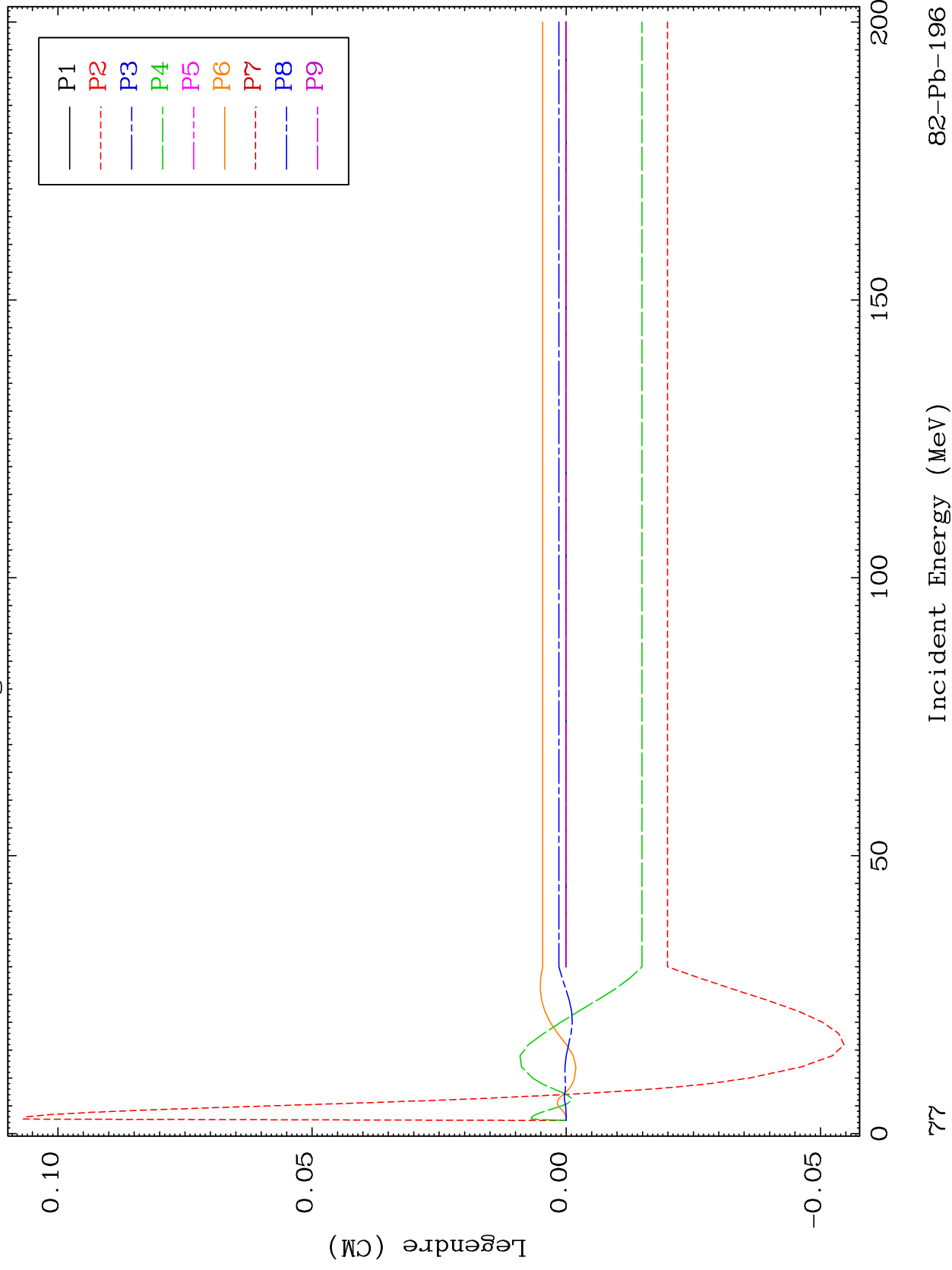
82-Pb-196



MAT 8201

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

82-Pb-196



77

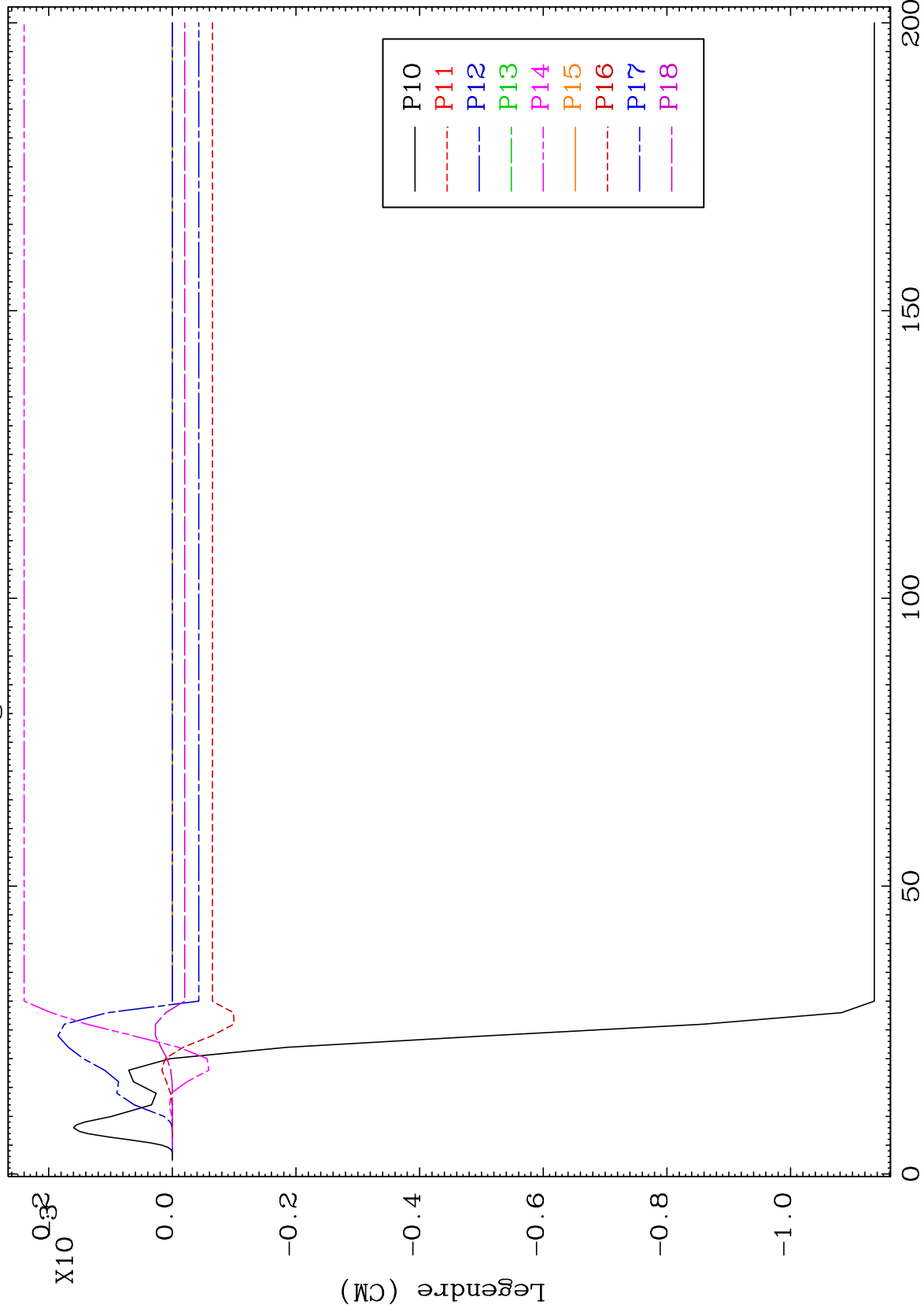
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



78

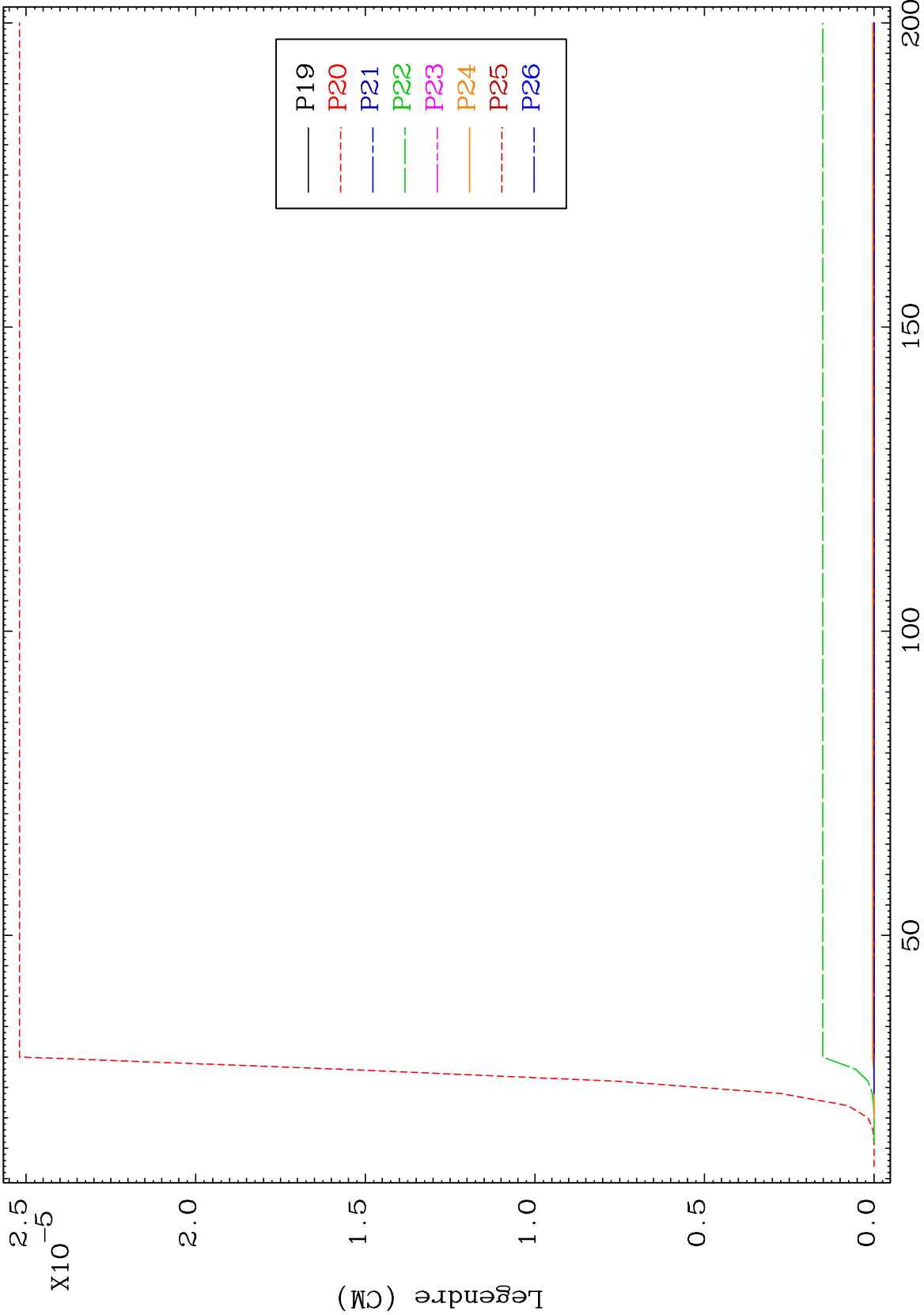
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

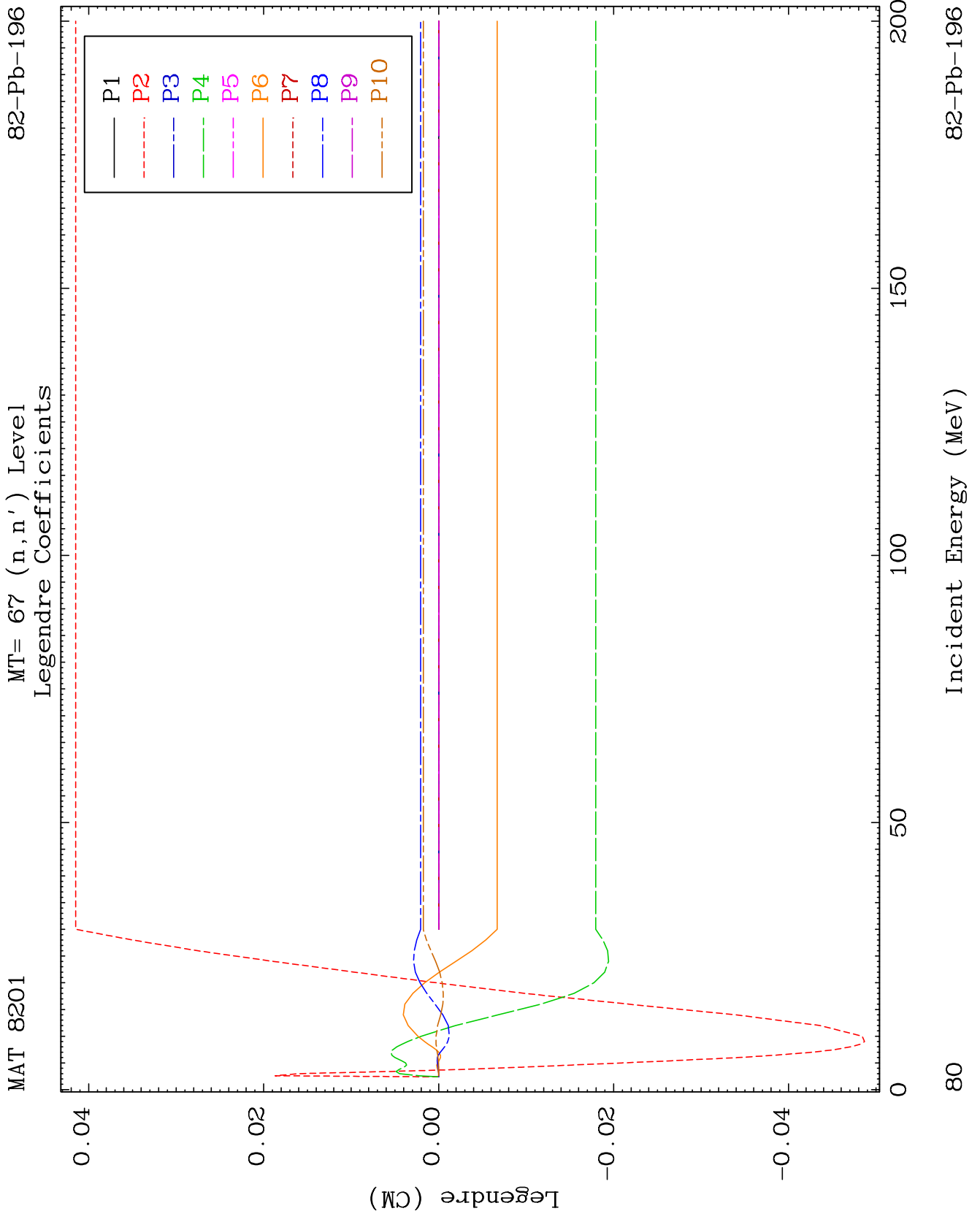
82-Pb-196



82-Pb-196

Incident Energy (MeV)

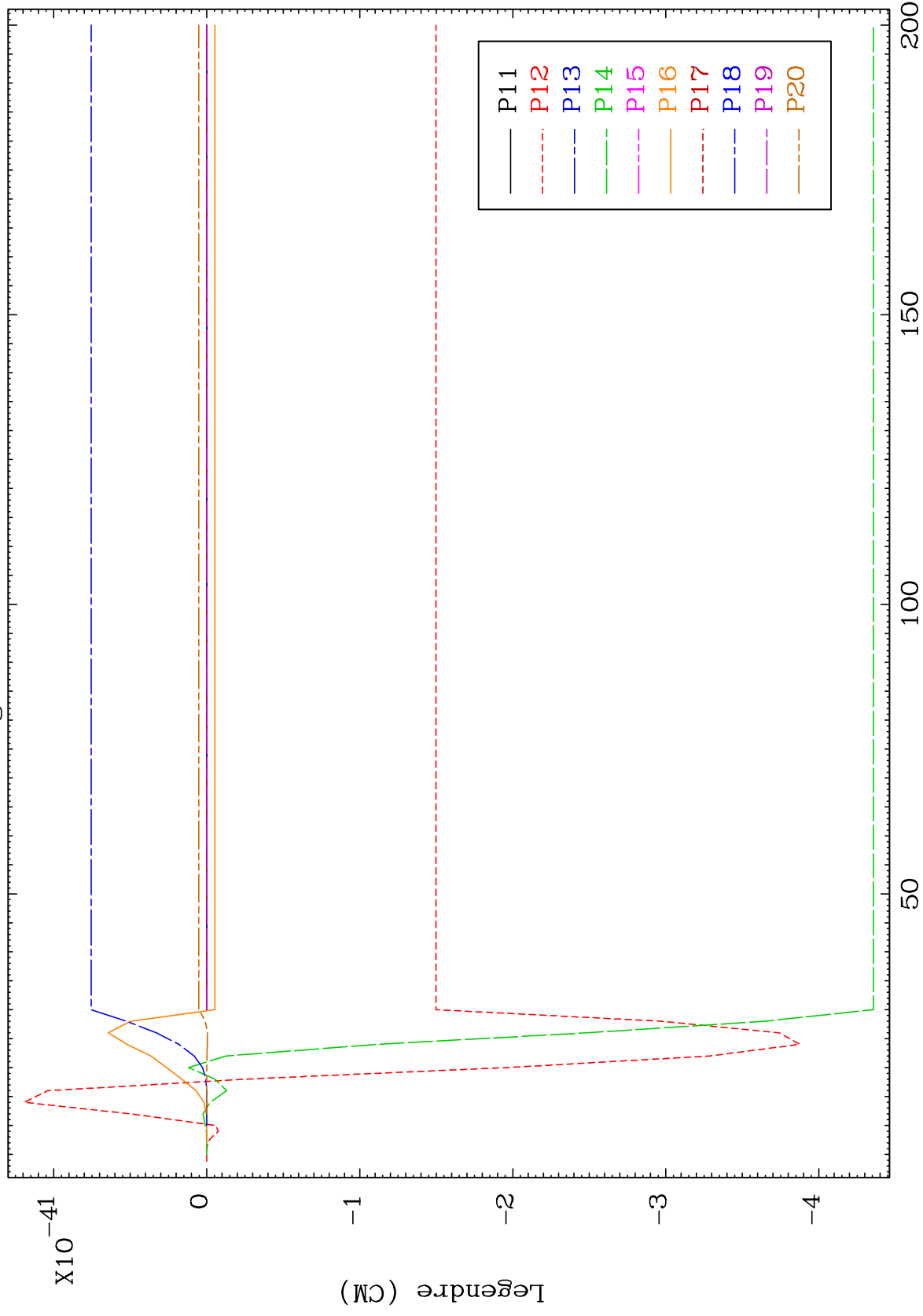
79



MAT 8201

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

82-Pb-196



81

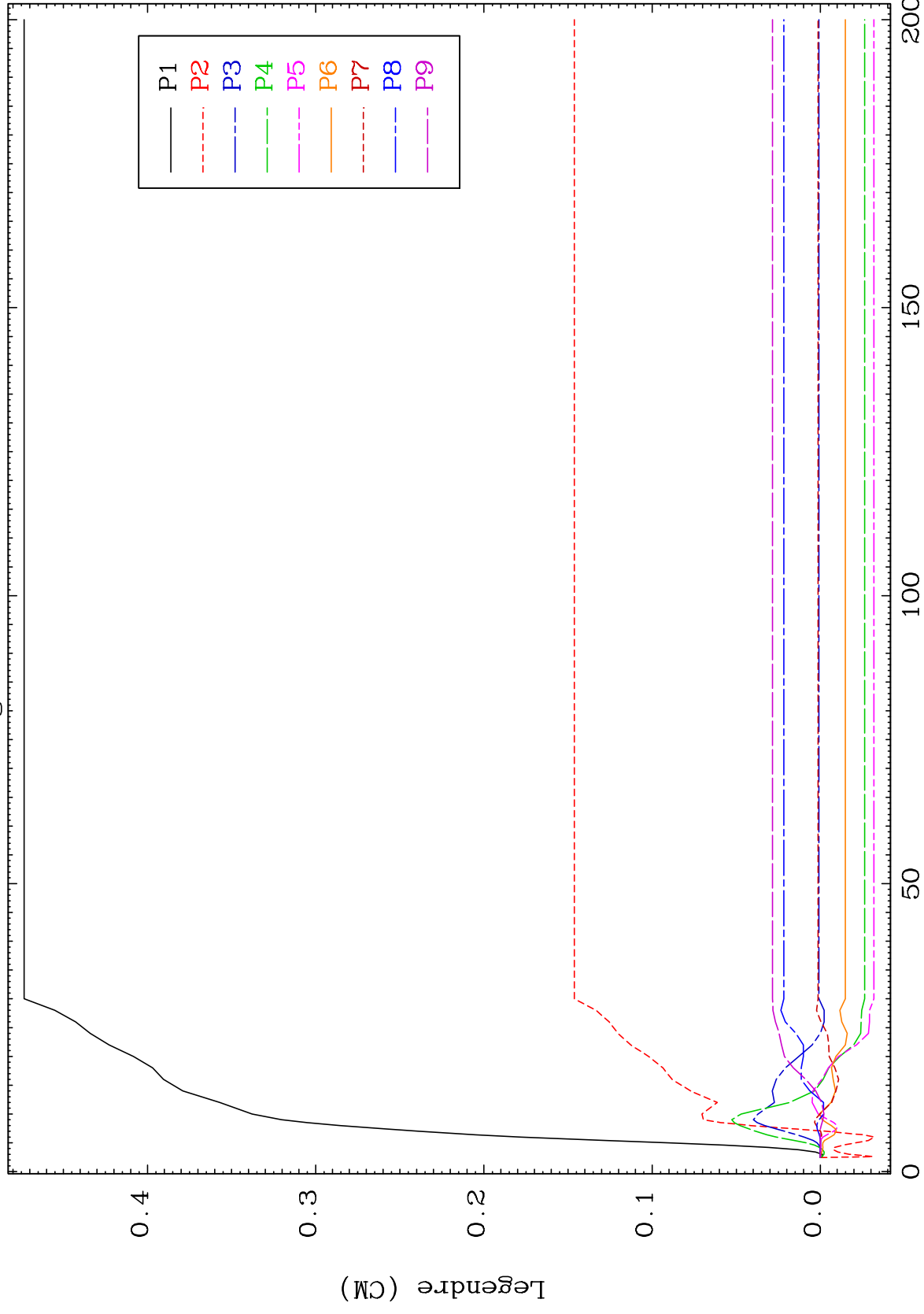
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



83

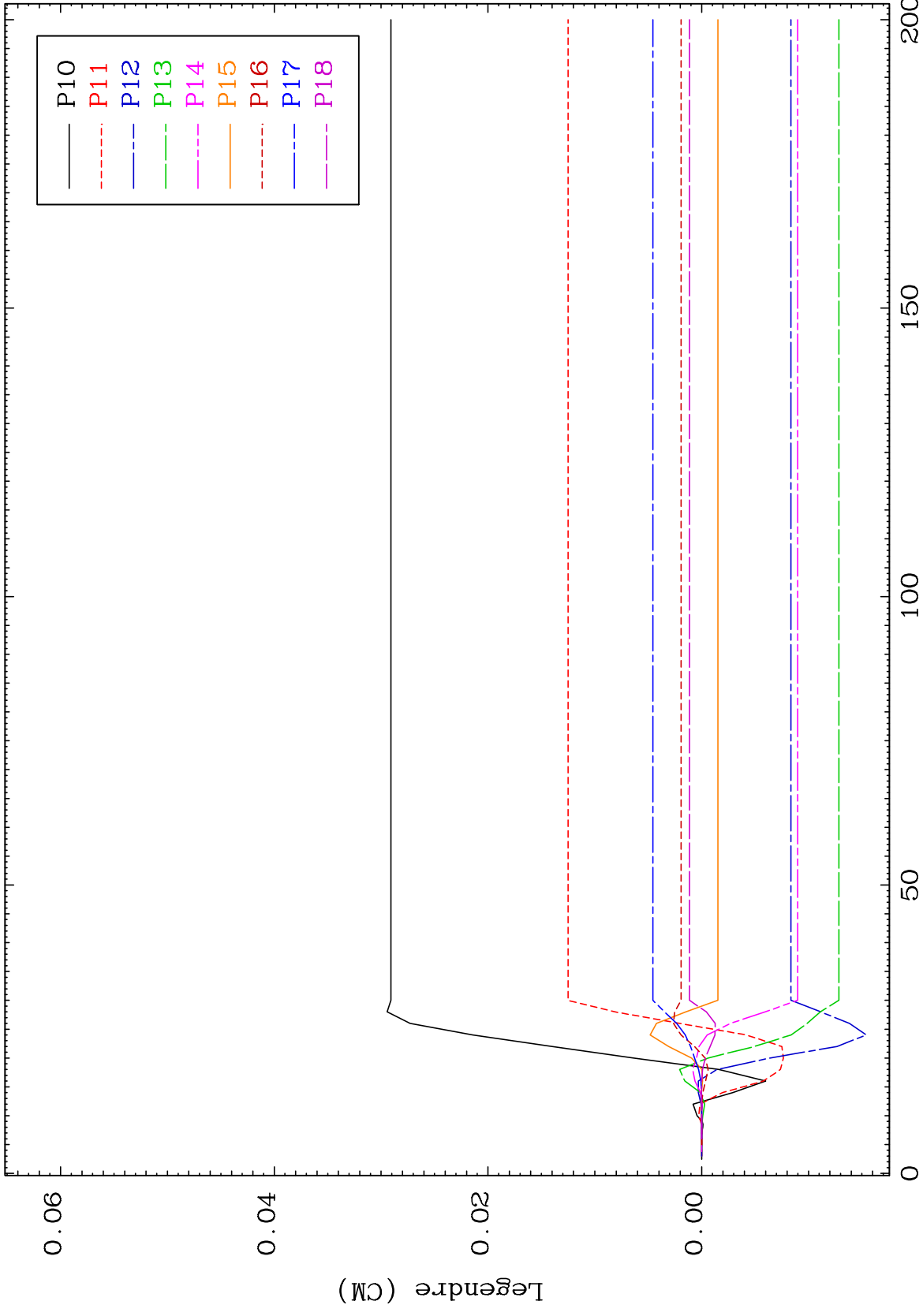
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



84

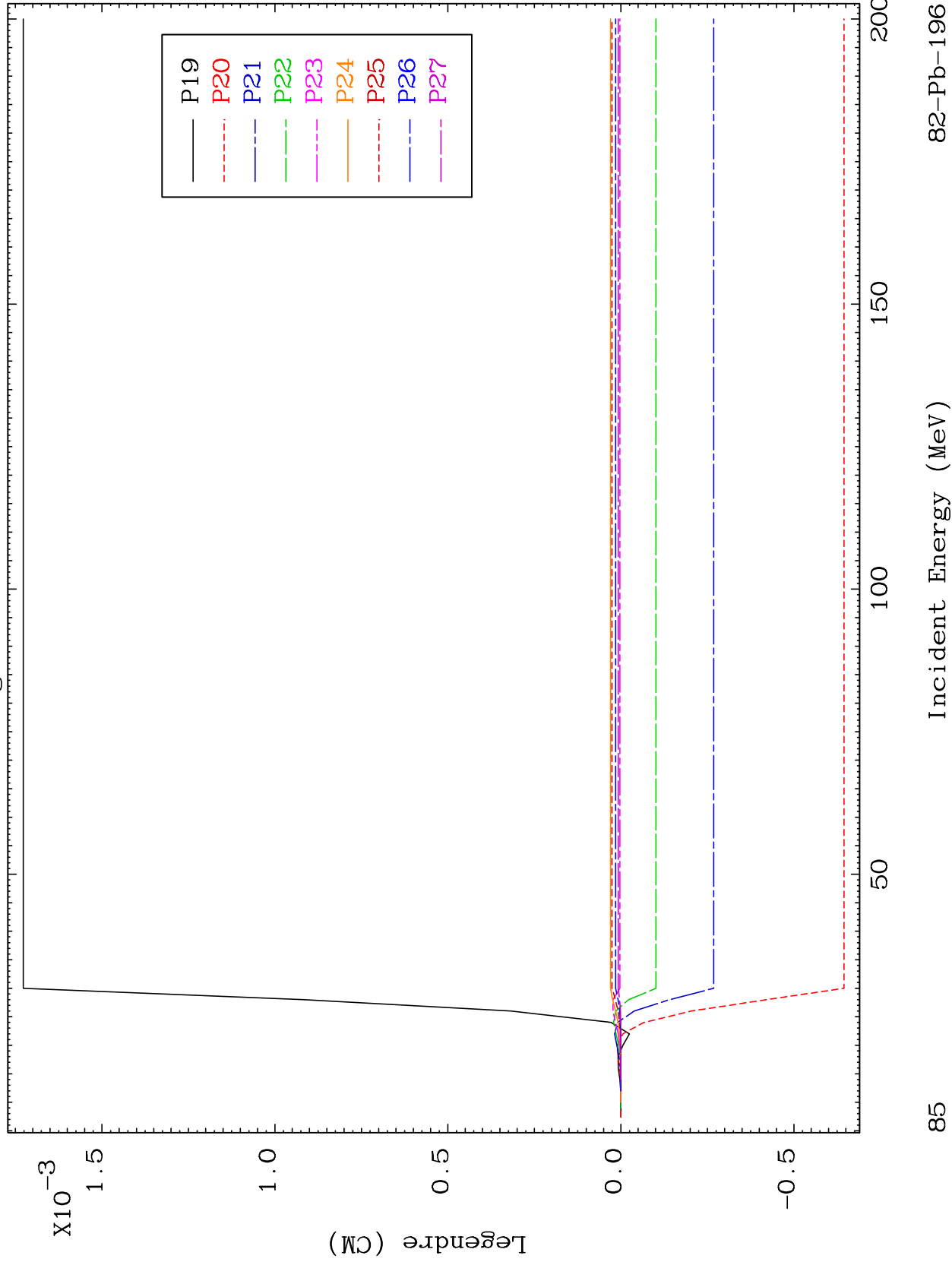
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

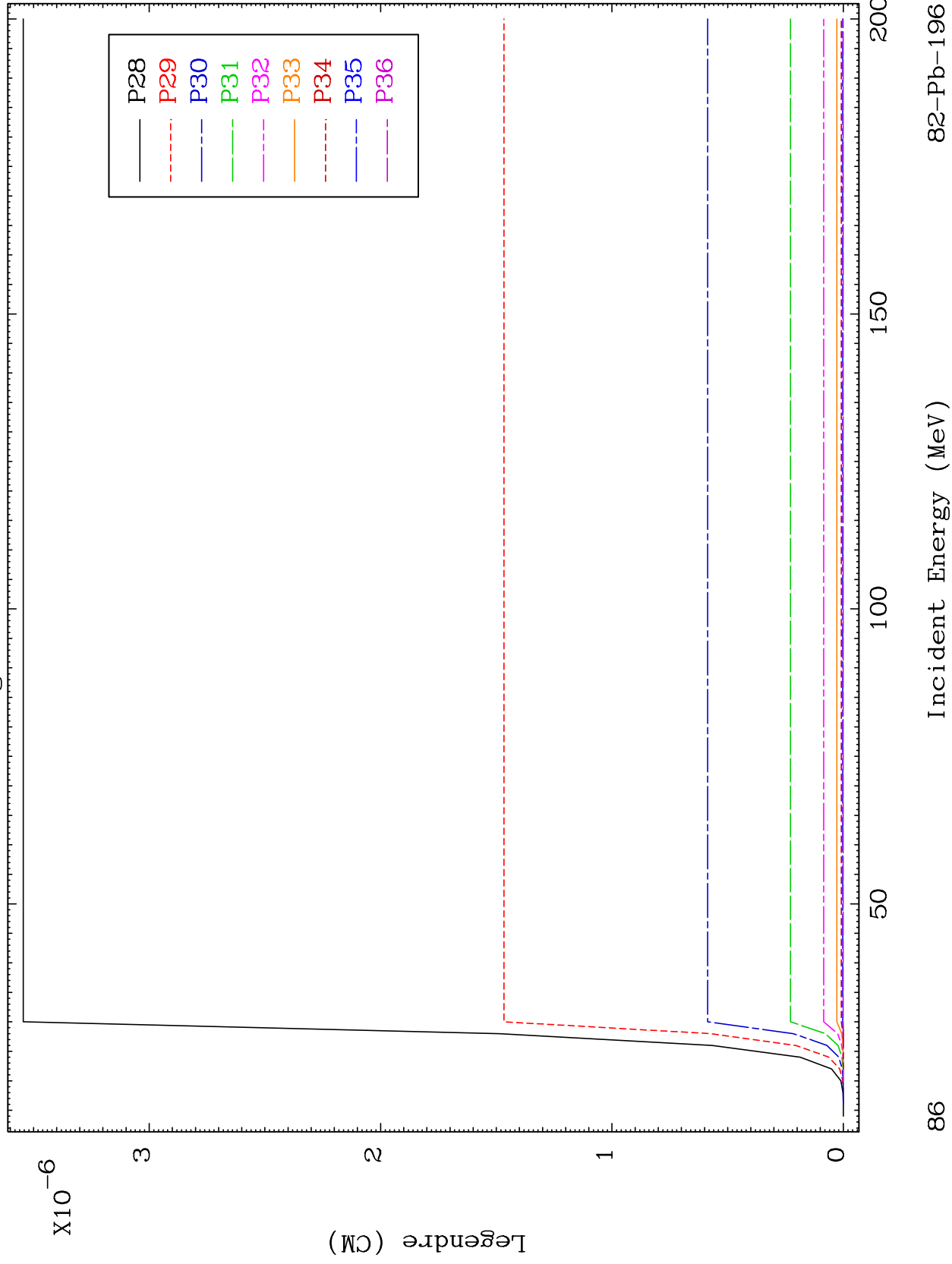
82-Pb-196



MAT 8201

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

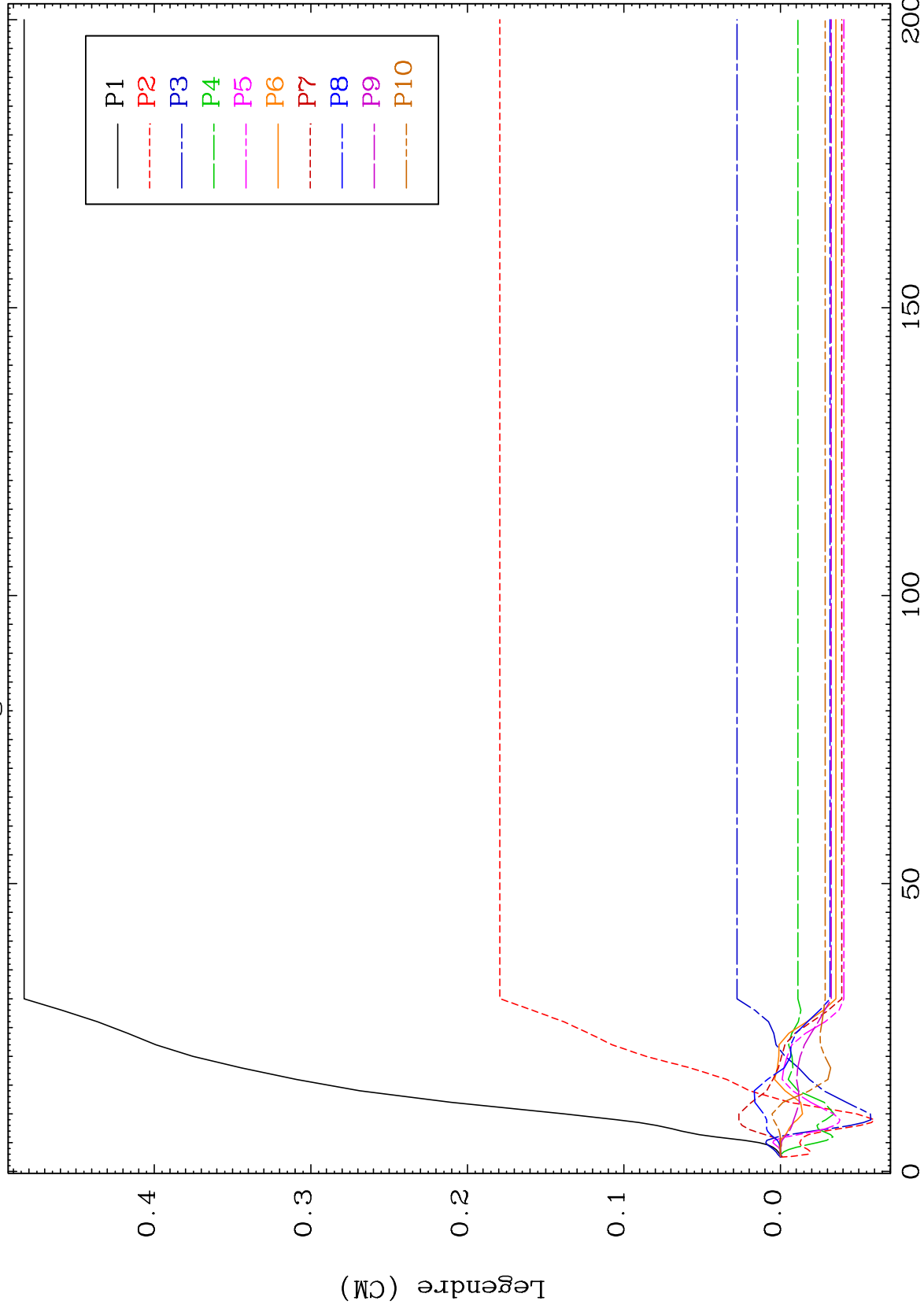
82-Pb-196



MAT 8201

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

82-Pb-196



87

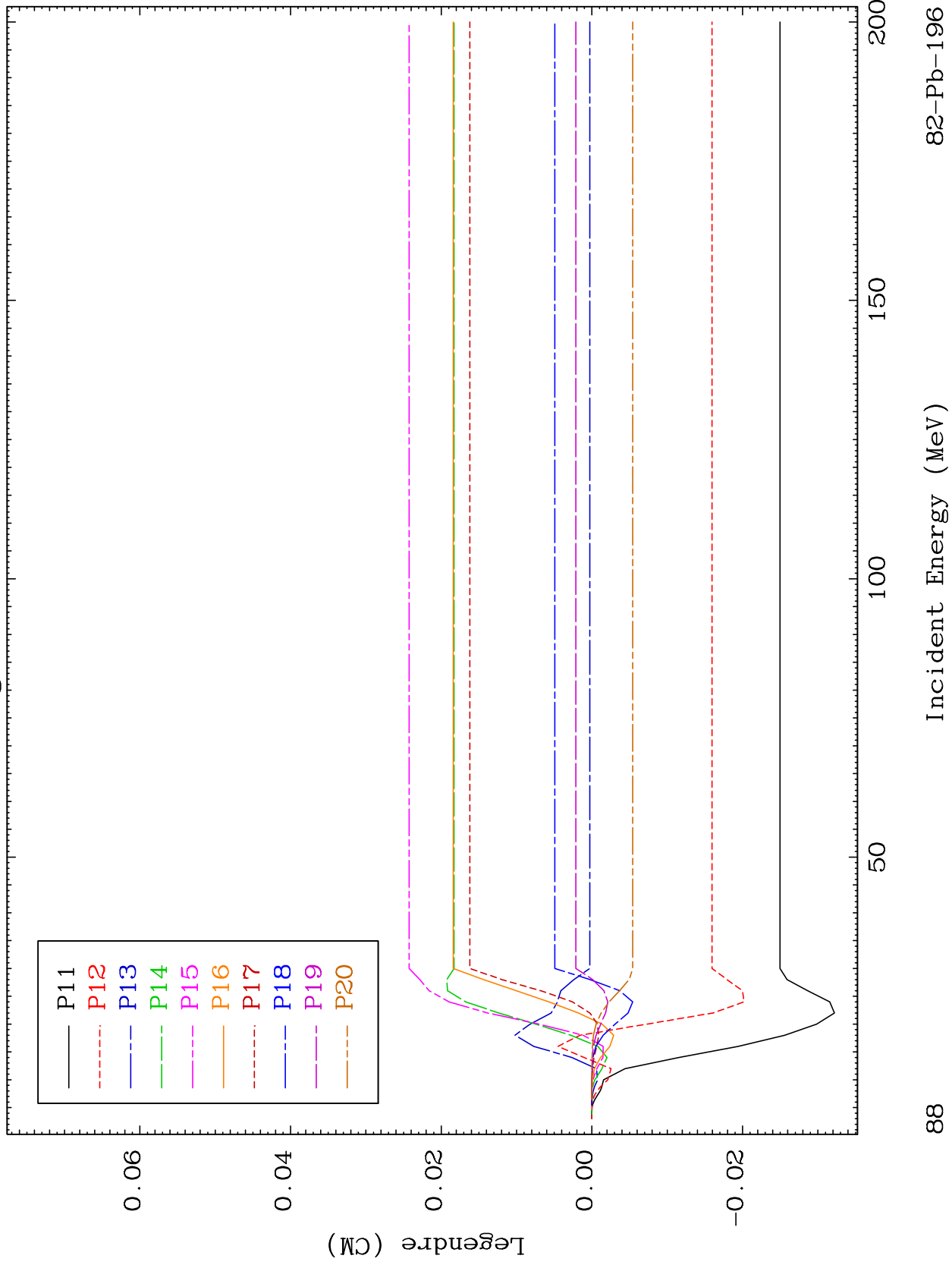
Incident Energy (MeV)

82-Pb-196

MAT 8201

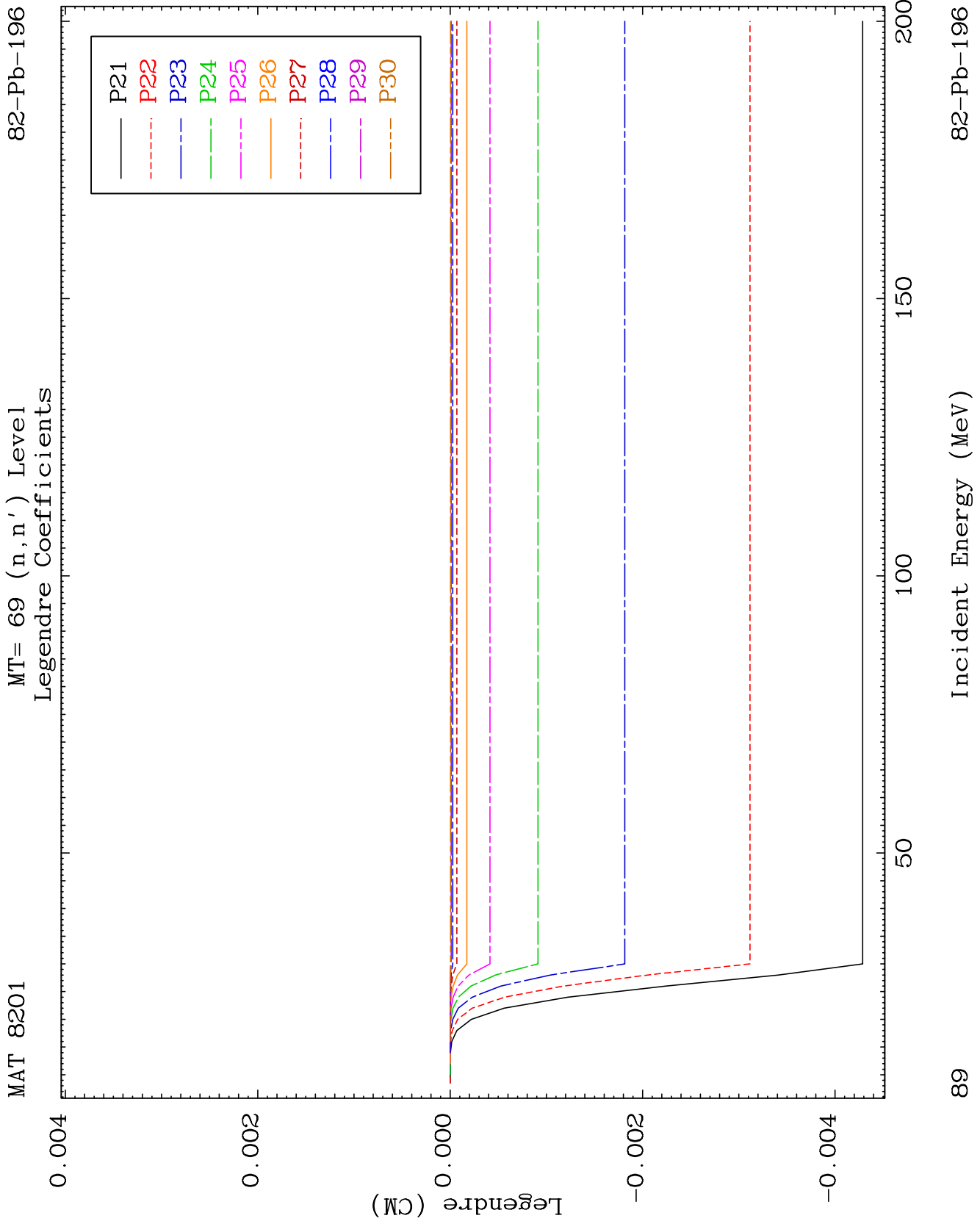
MT= 69 (n,n') Level
Legendre Coefficients

82-Pb-196



88

82-Pb-196

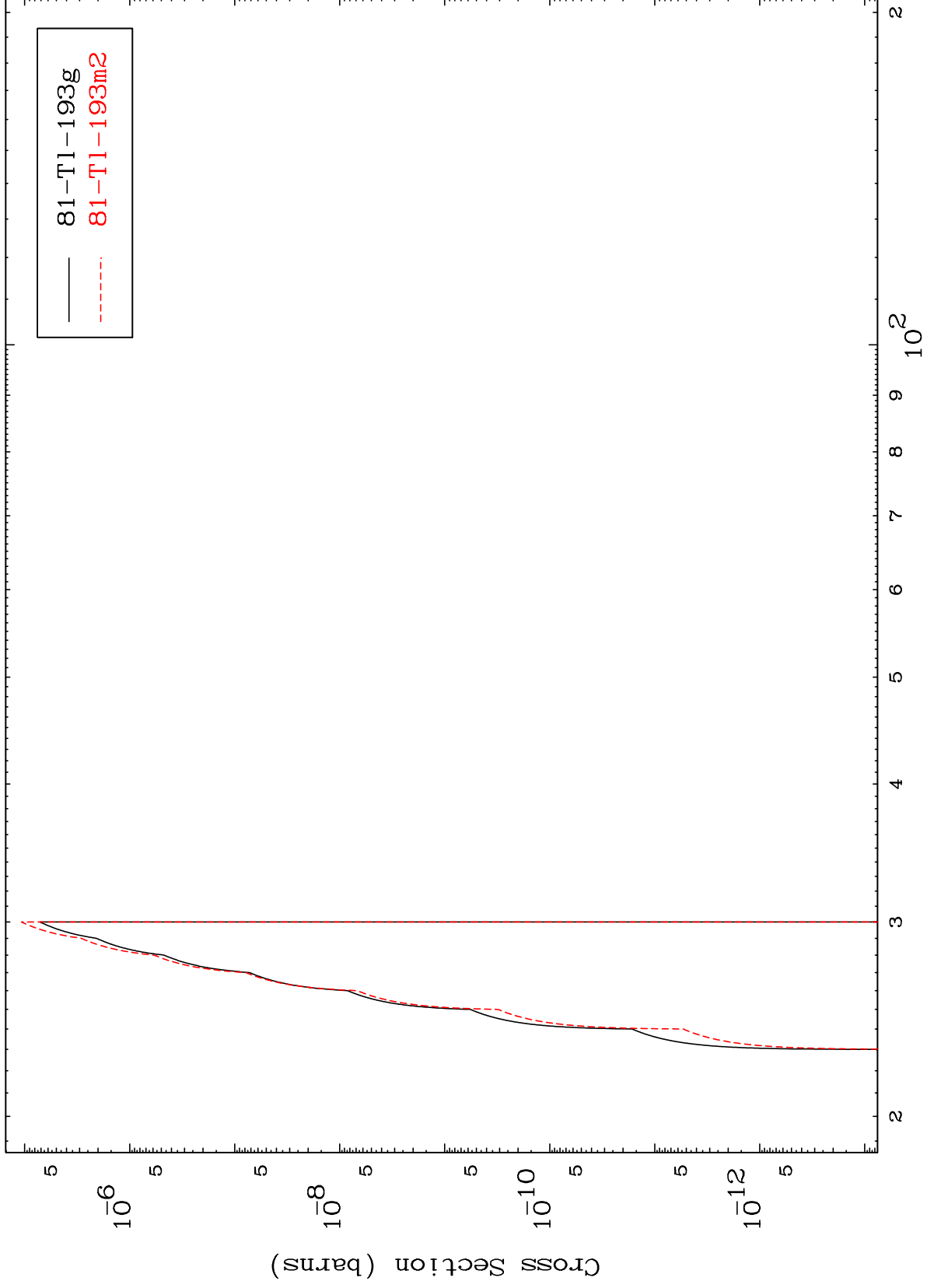


MAT 8201

(n,2n) d

82-Pb-196

Radionuclide Production Cross Section



91

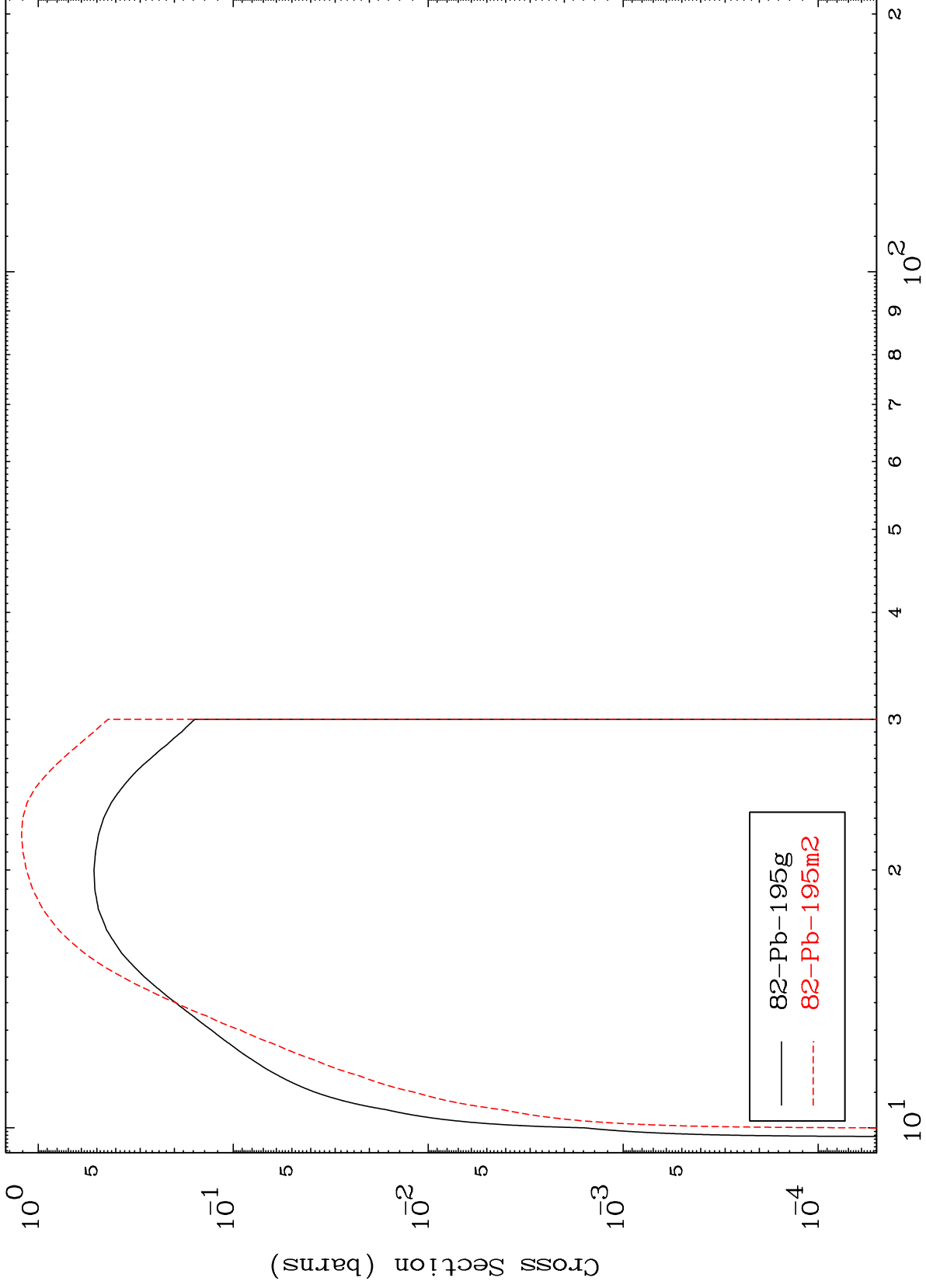
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n,2n)
Radionuclide Production Cross Section



92

Incident Energy (MeV)

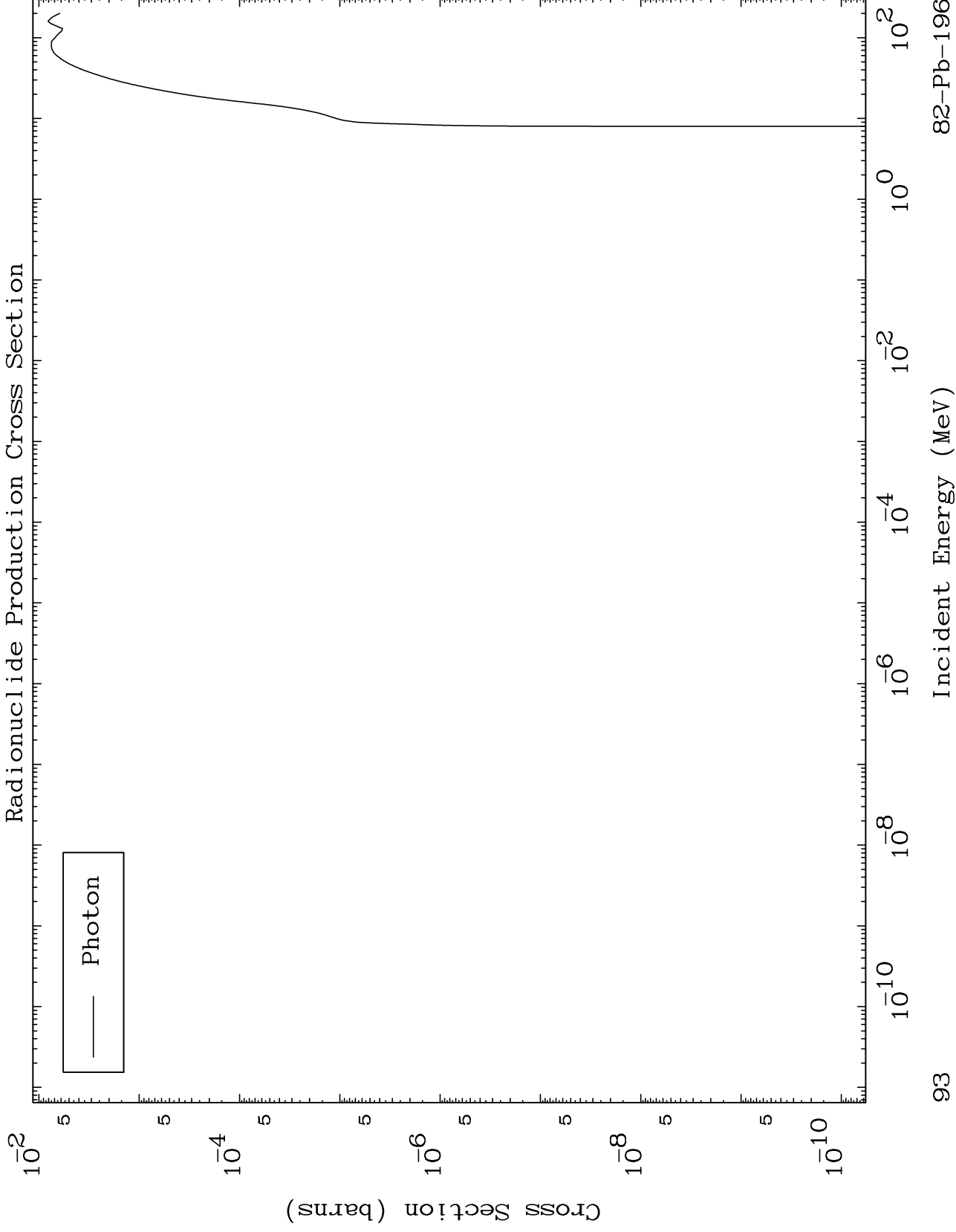
82-Pb-196

MAT 8201

Fission

82-Pb-196

Radionuclide Production Cross Section



93

Incident Energy (MeV)

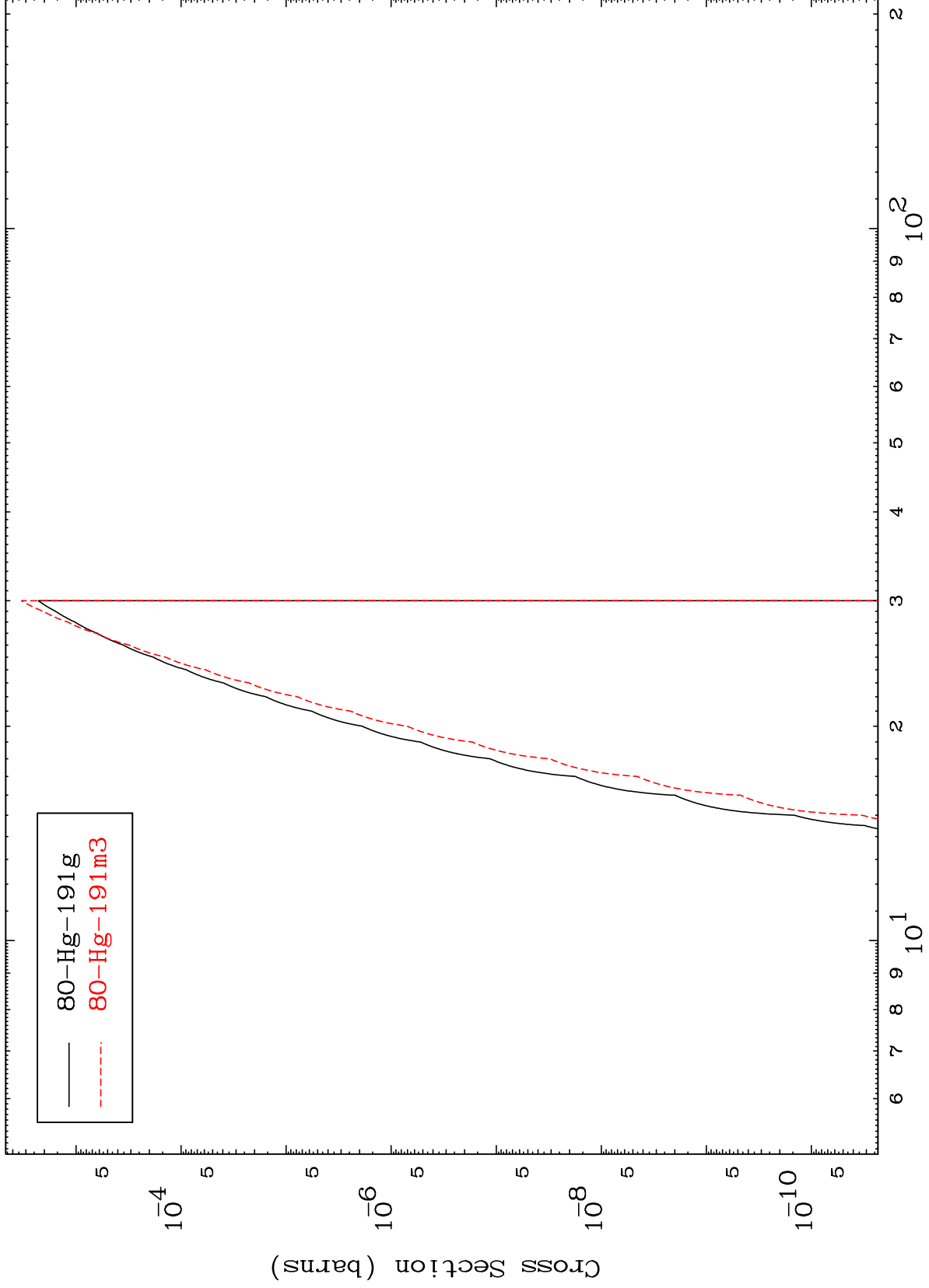
82-Pb-196

MAT 8201

(n,2n) α

82-Pb-196

Radionuclide Production Cross Section



94

Incident Energy (MeV)

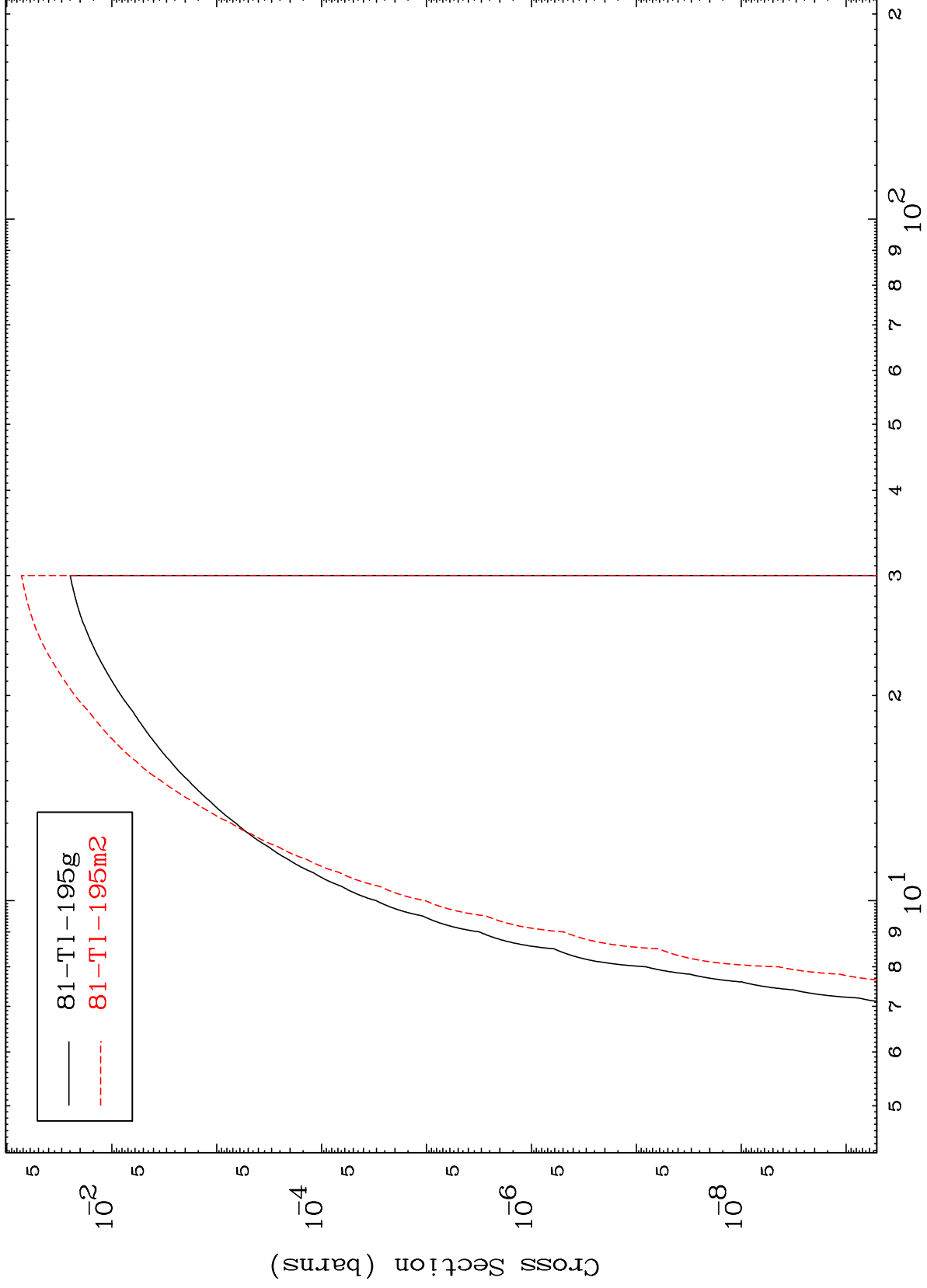
82-Pb-196

MAT 8201

(n,n') p

82-Pb-196

Radionuclide Production Cross Section

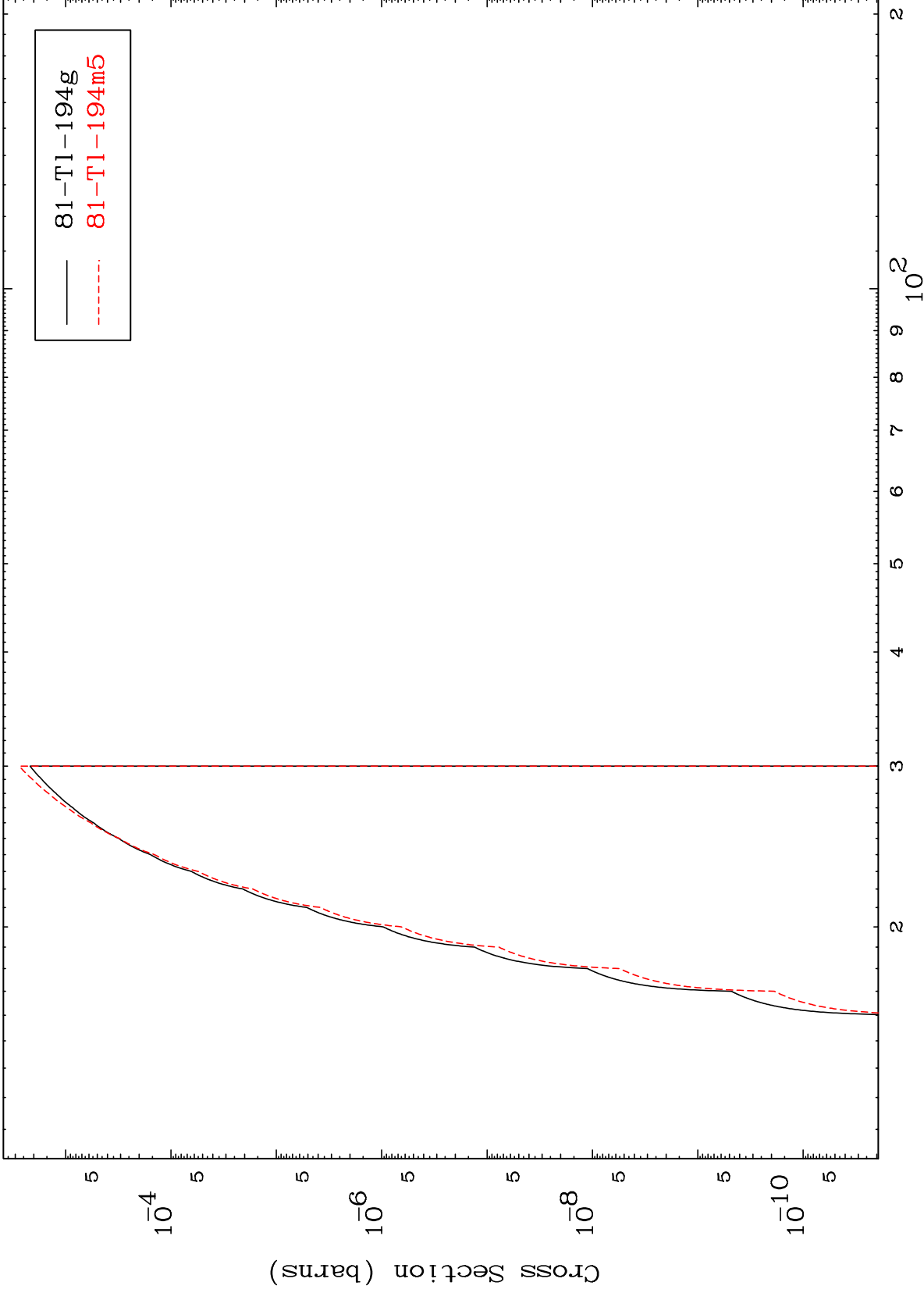


95

Incident Energy (MeV)

82-Pb-196

Radionuclide Production Cross Section

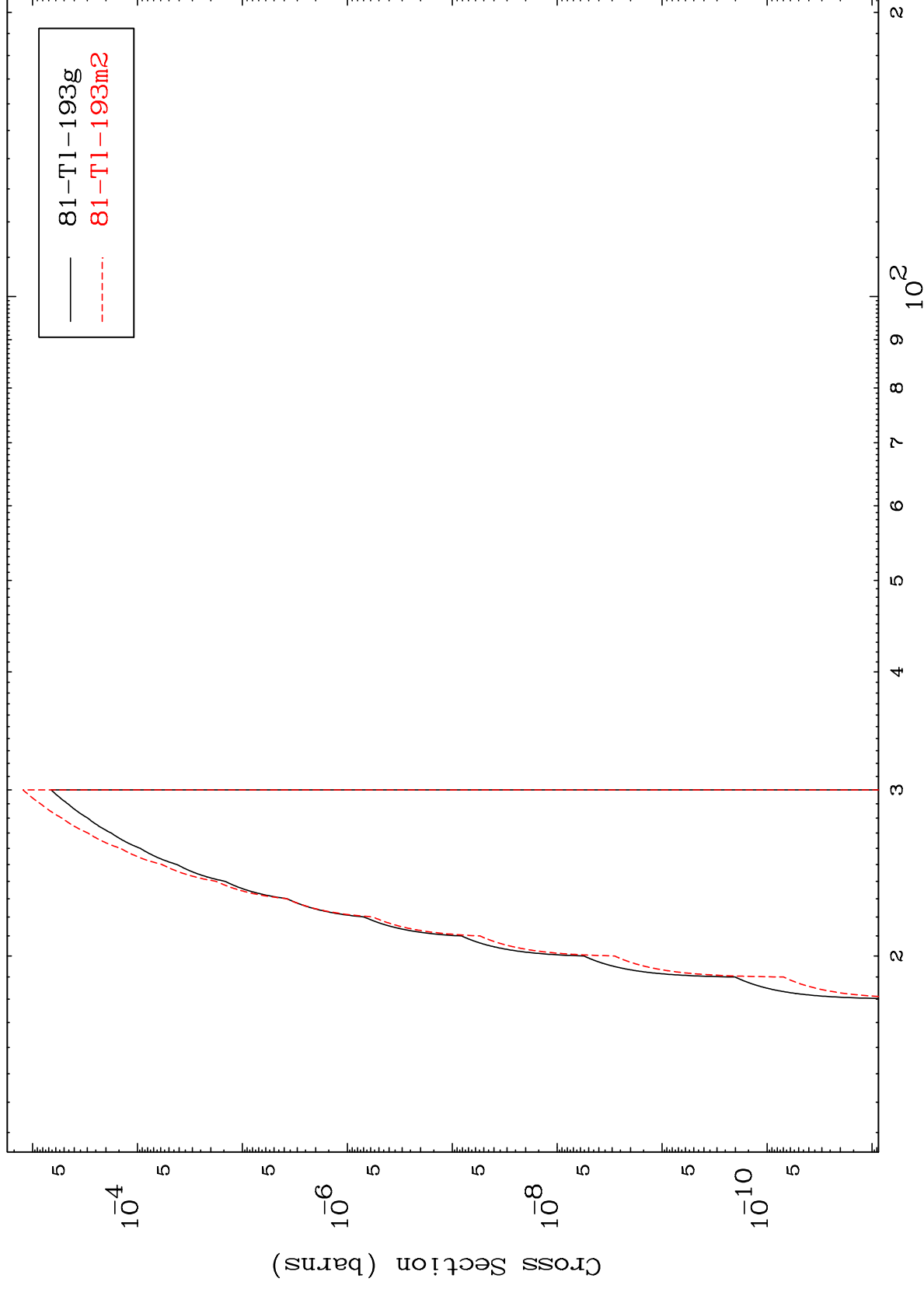


MAT 8201

(n,n') t

82-Pb-196

Radionuclide Production Cross Section



97

Incident Energy (MeV)

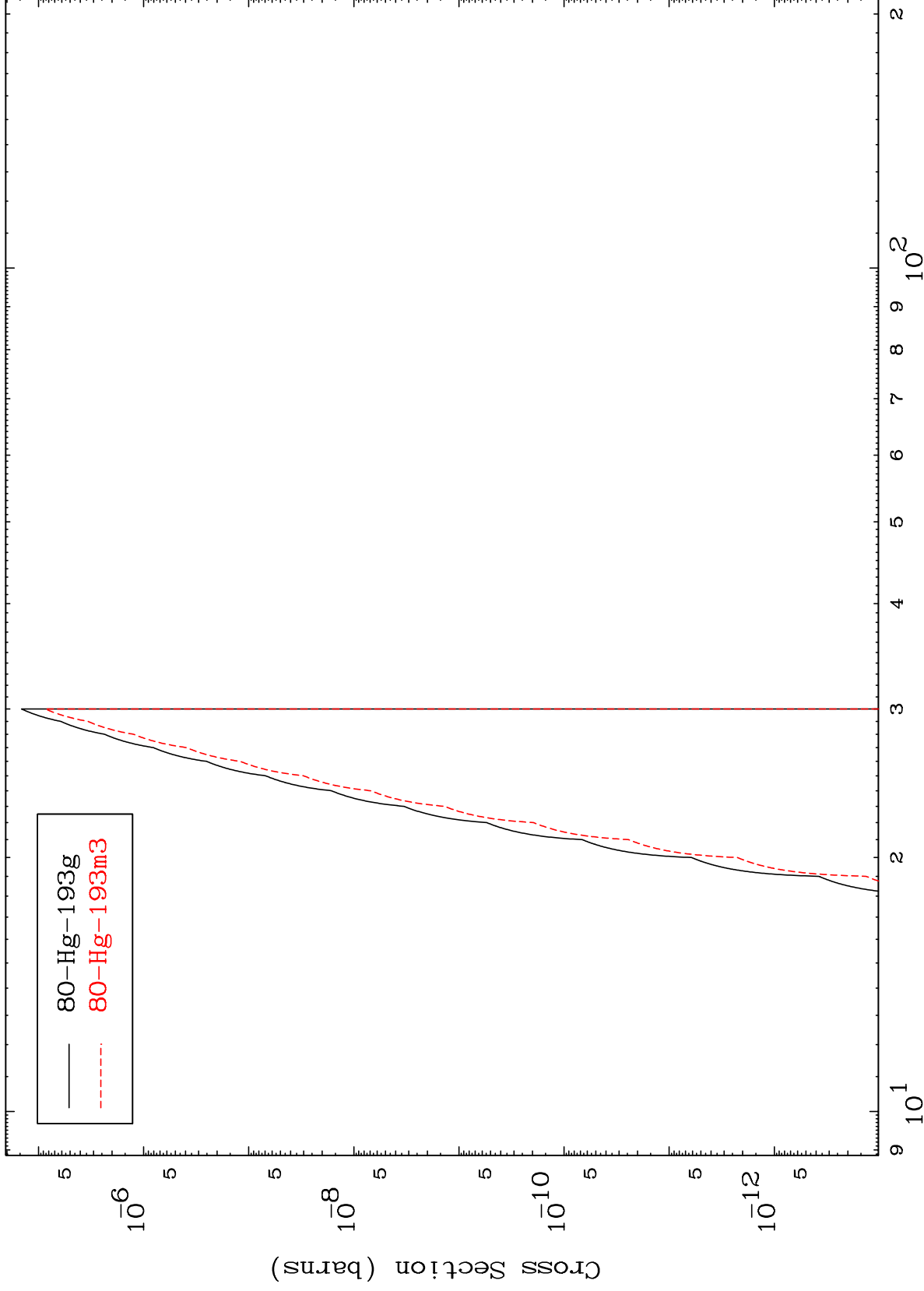
82-Pb-196

MAT 8201

(n,n') He-3

82-Pb-196

Radionuclide Production Cross Section



98

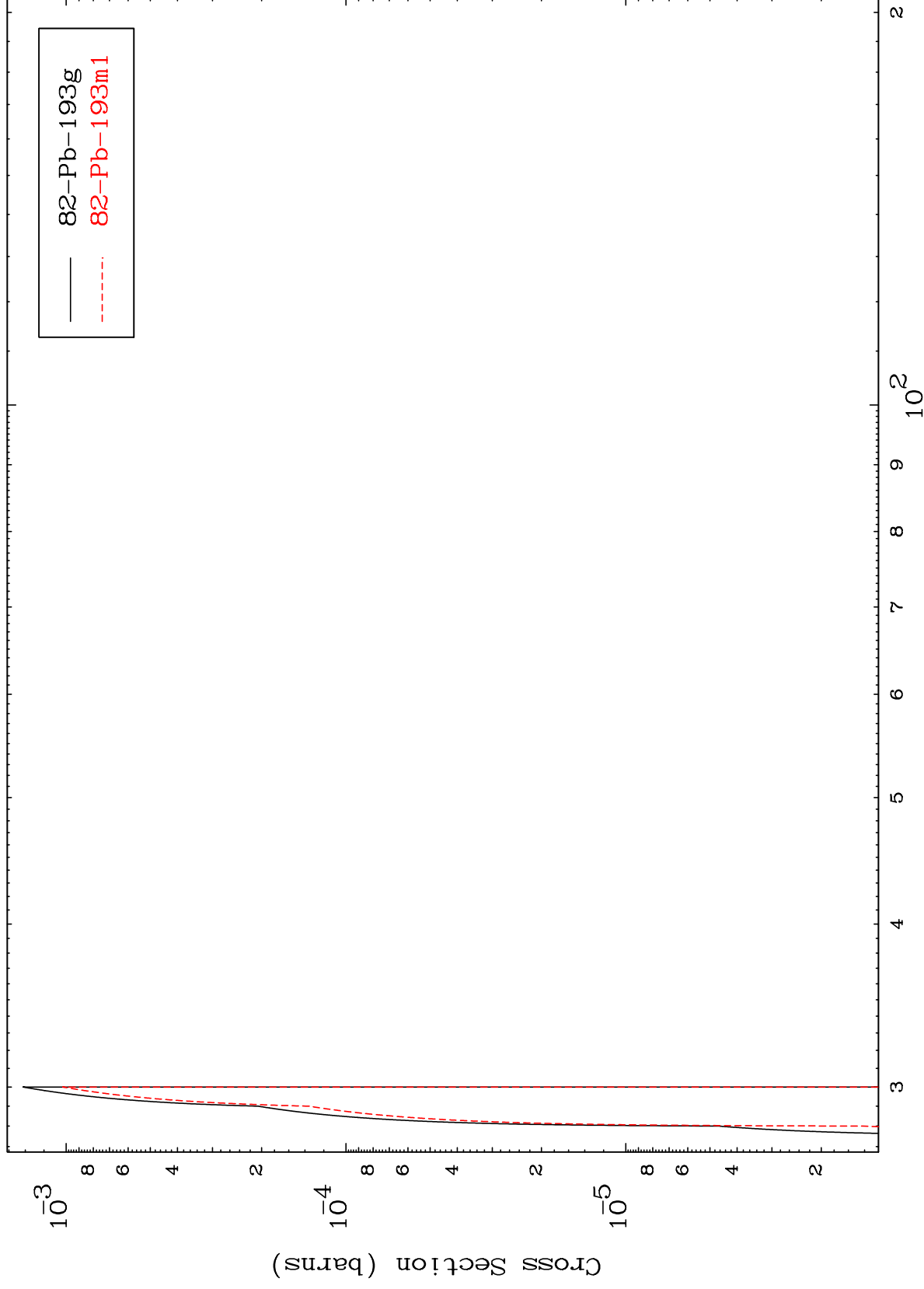
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n,4n)
Radionuclide Production Cross Section



99

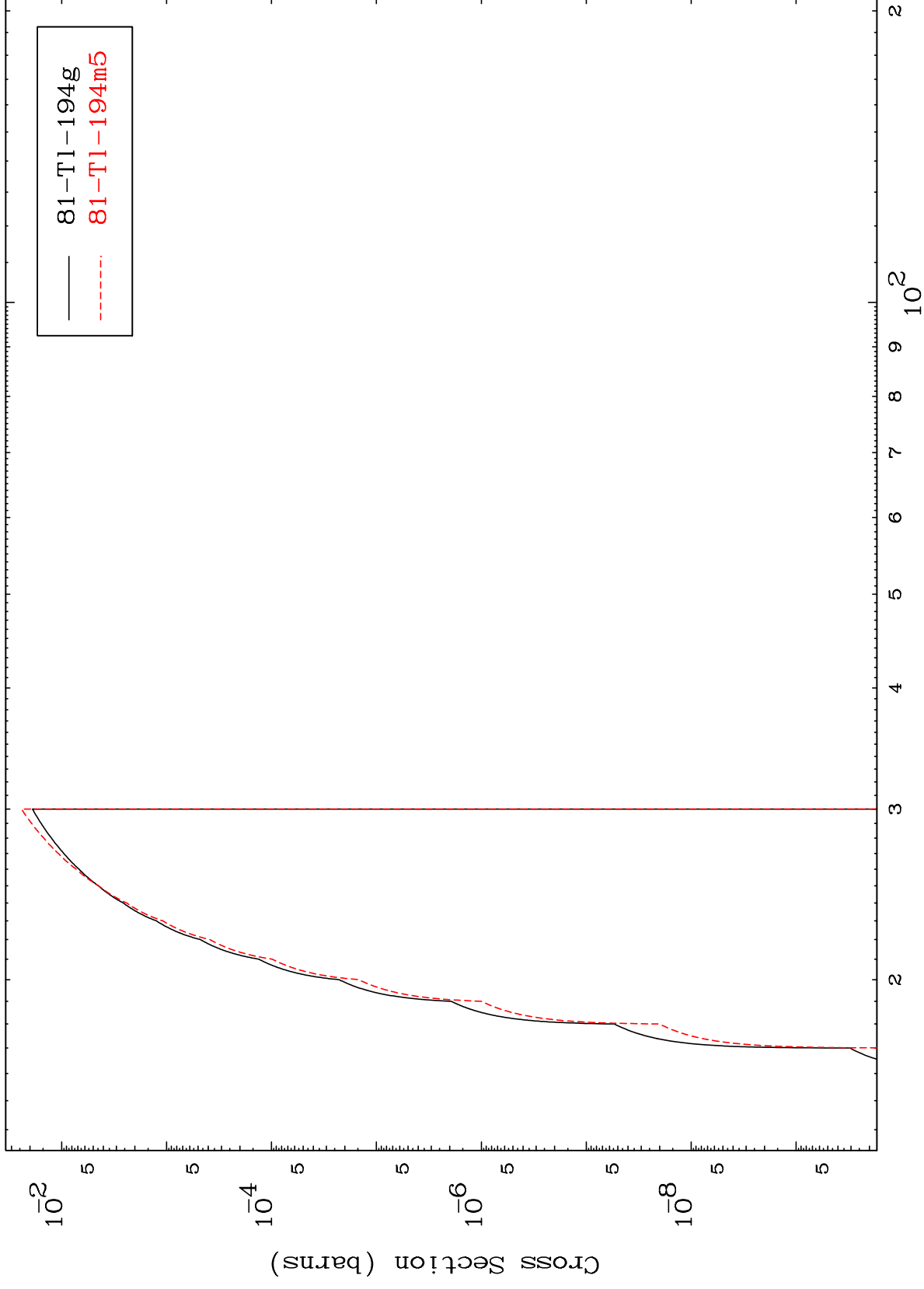
82-Pb-196

Incident Energy (MeV)

MAT 8201

82-Pb-196

(n,2n) p
Radionuclide Production Cross Section



82-Pb-196

Incident Energy (MeV)

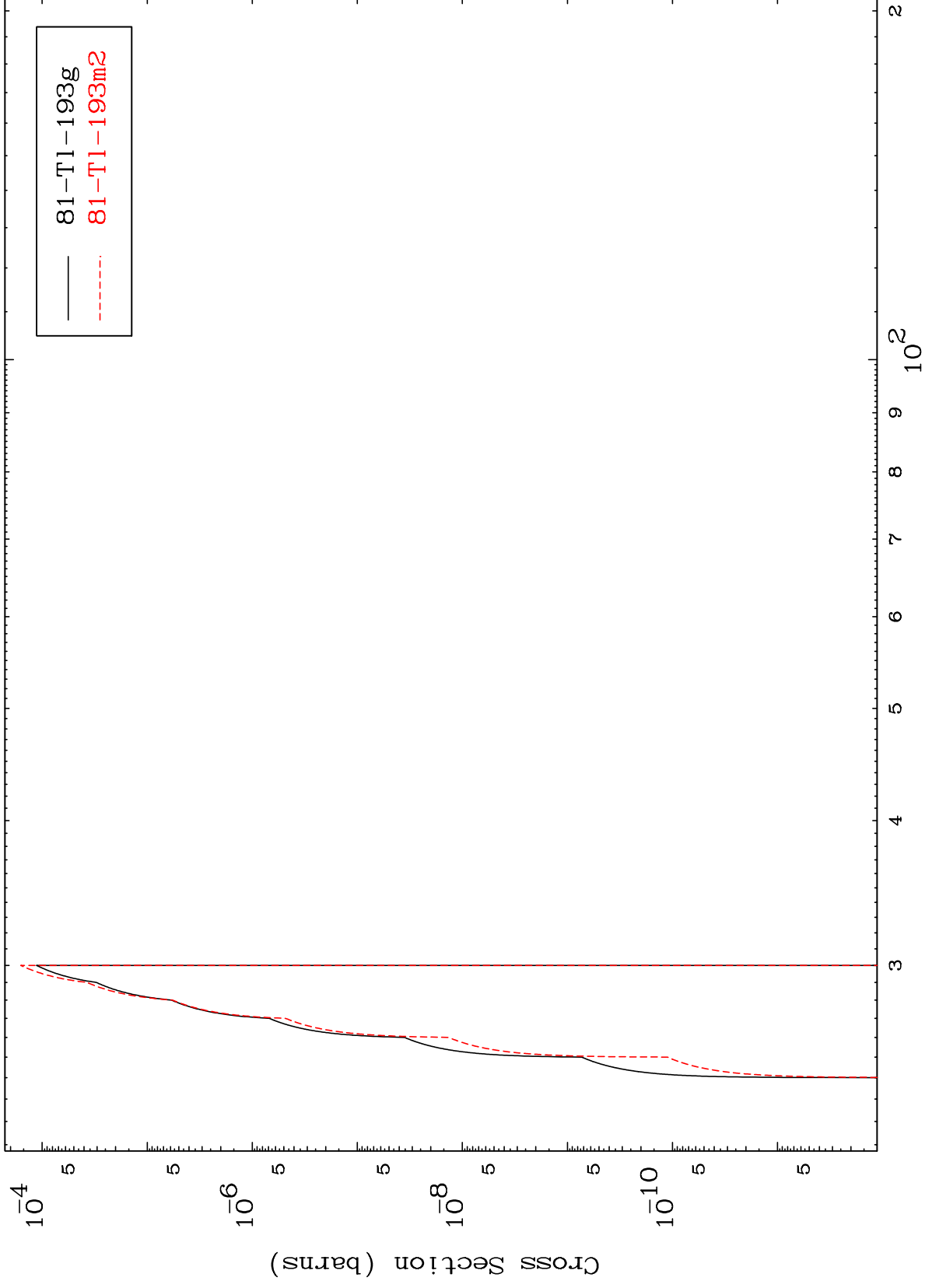
100

MAT 8201

(n,3n) p

82-Pb-196

Radionuclide Production Cross Section



101

Incident Energy (MeV)

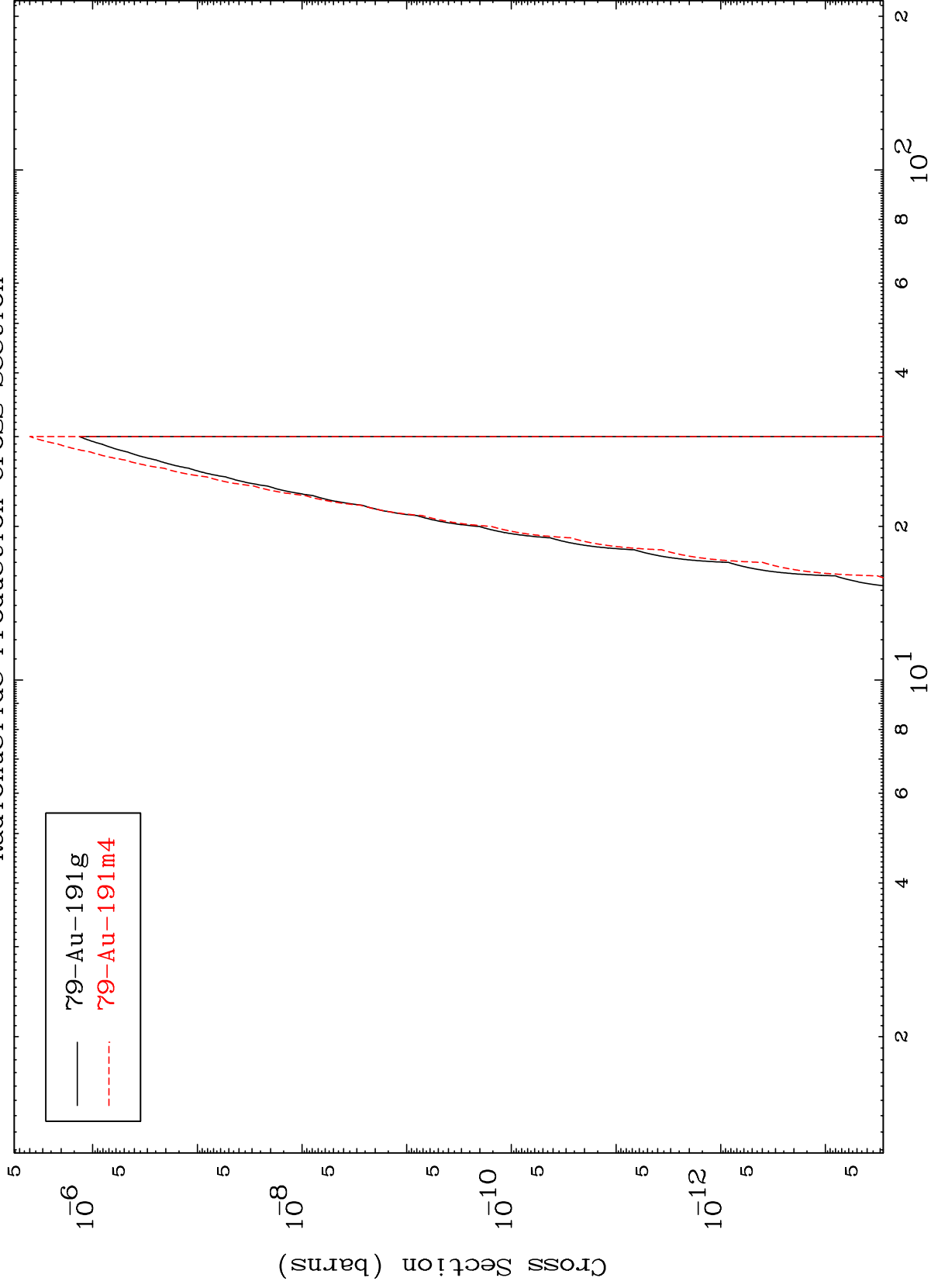
82-Pb-196

MAT 8201

(n,n') p α

82-Pb-196

Radionuclide Production Cross Section



102

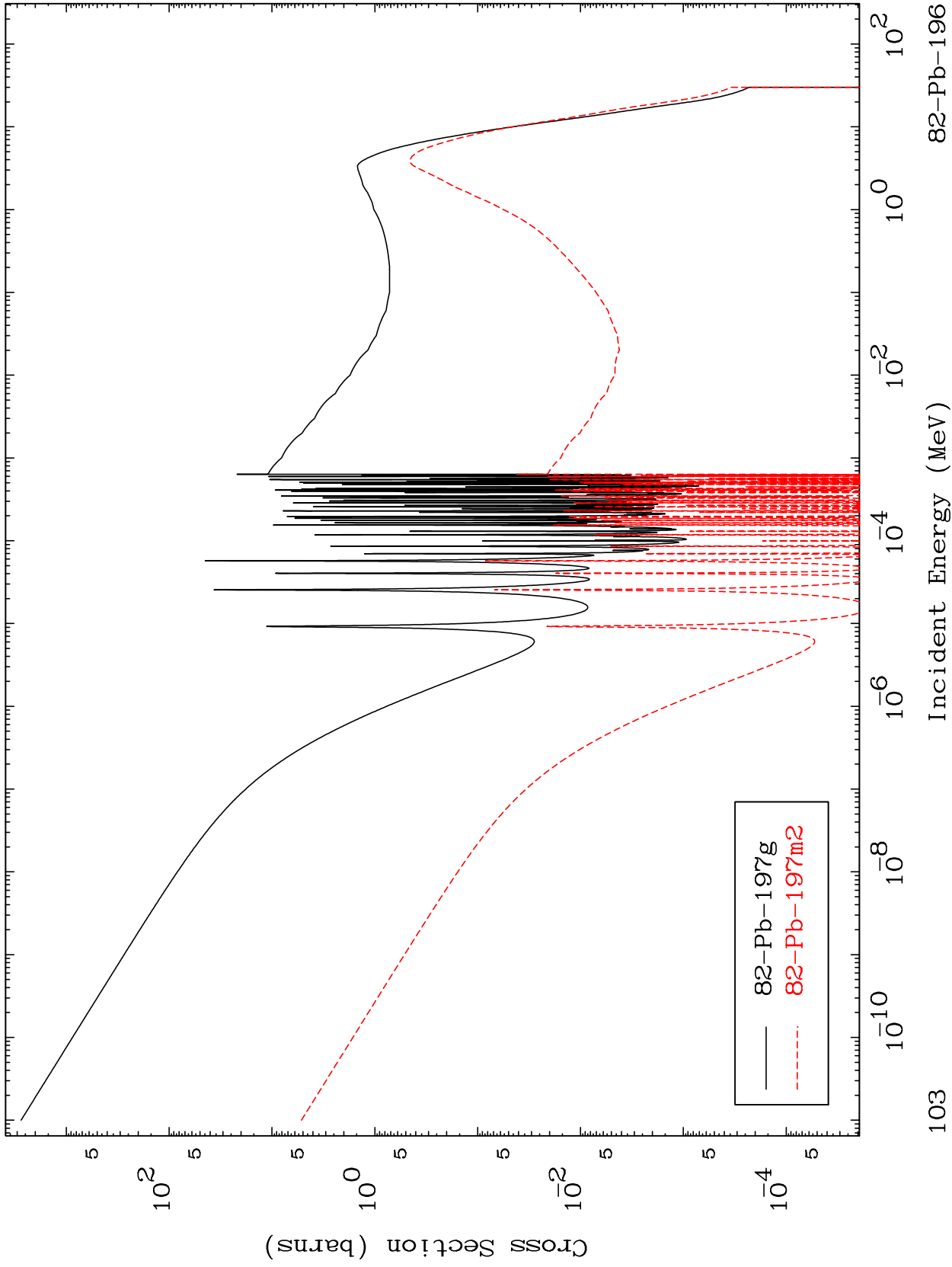
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

Radionuclide Production Cross Section
(n, γ)



103

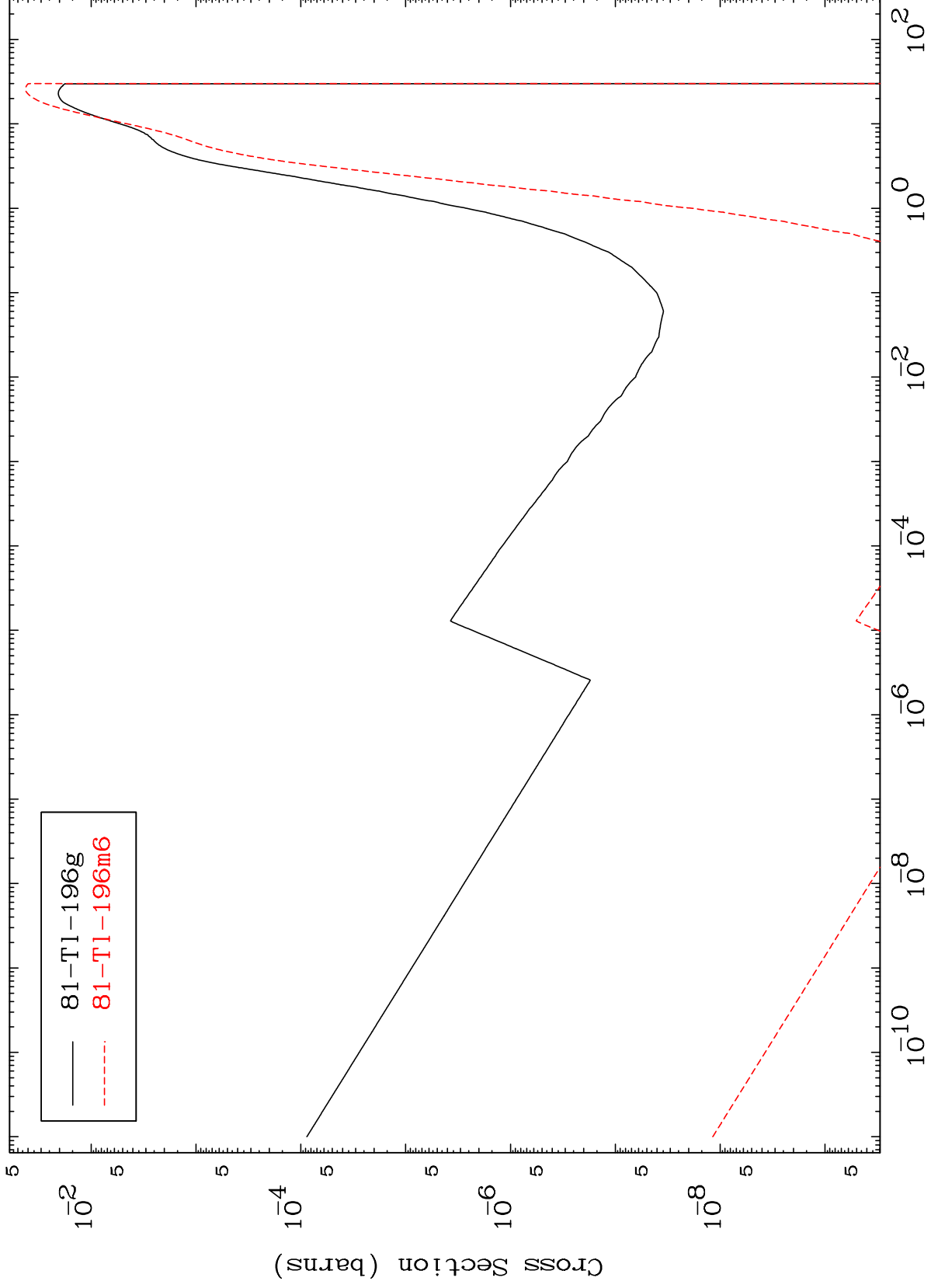
82-Pb-196

MAT 8201

(n,p)

82-Pb-196

Radionuclide Production Cross Section



81-Tl-196g
81-Tl-196m6

104

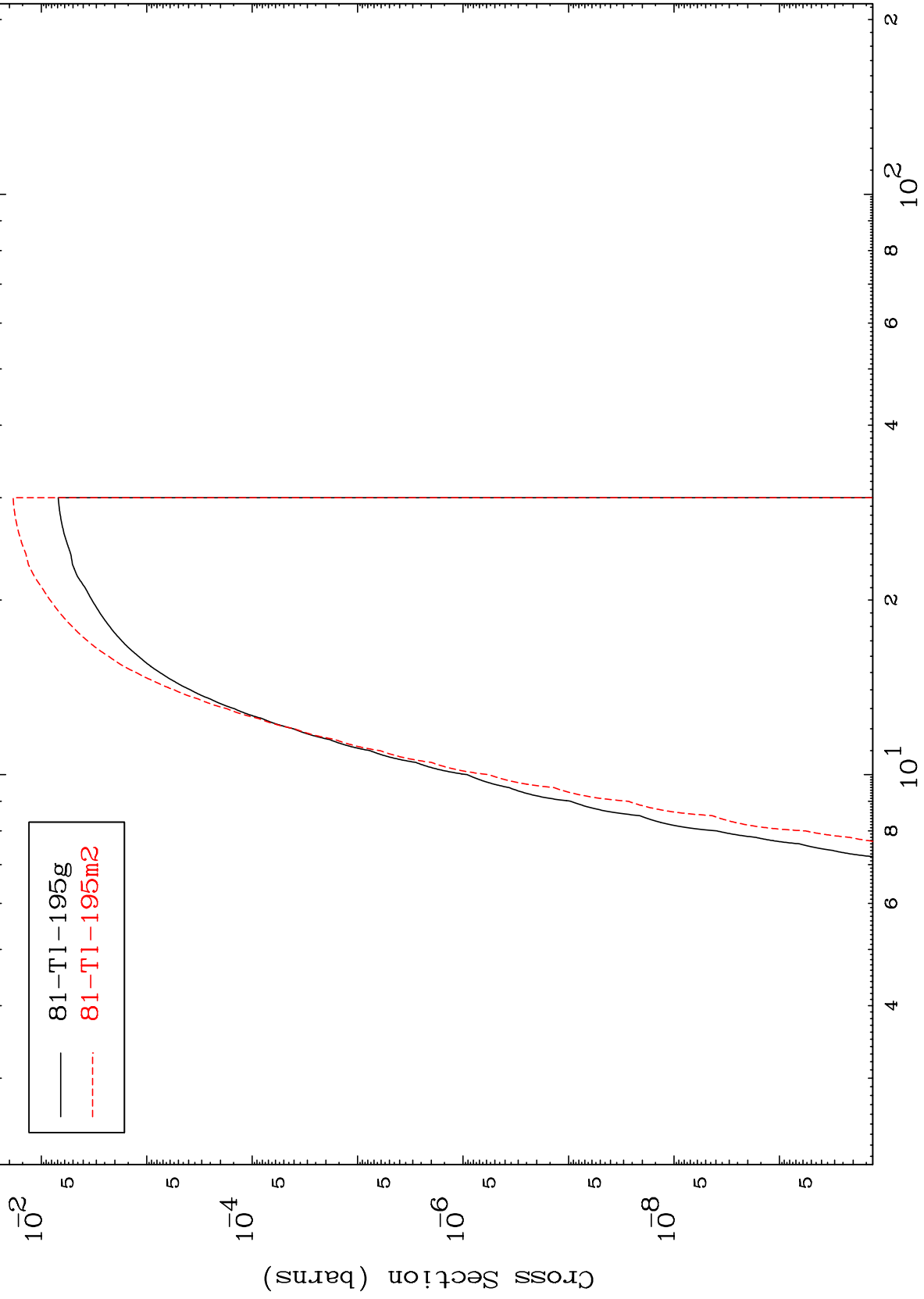
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n,d)
Radionuclide Production Cross Section



105

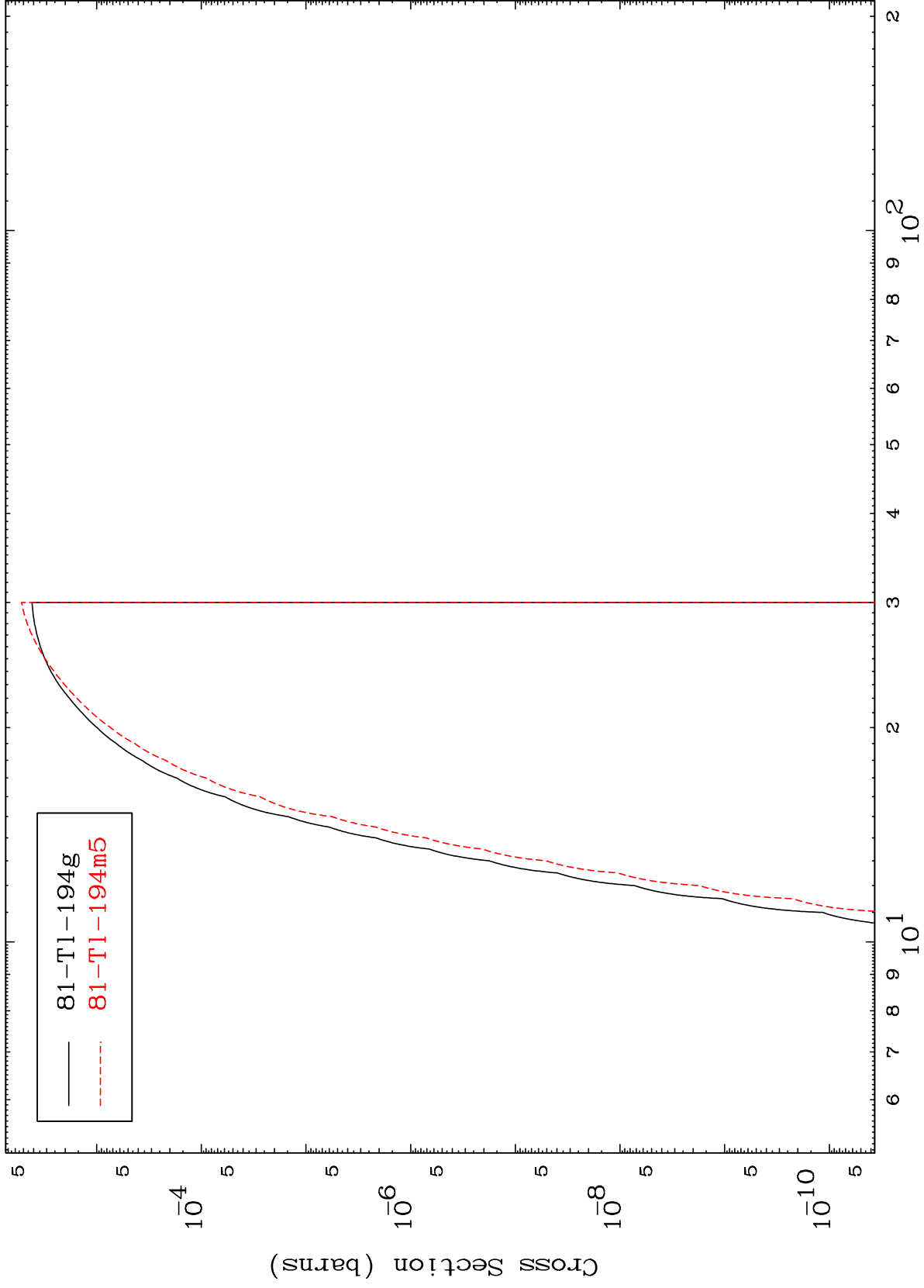
82-Pb-196

Incident Energy (MeV)

MAT 8201

82-Pb-196

(n, t)
Radionuclide Production Cross Section



106

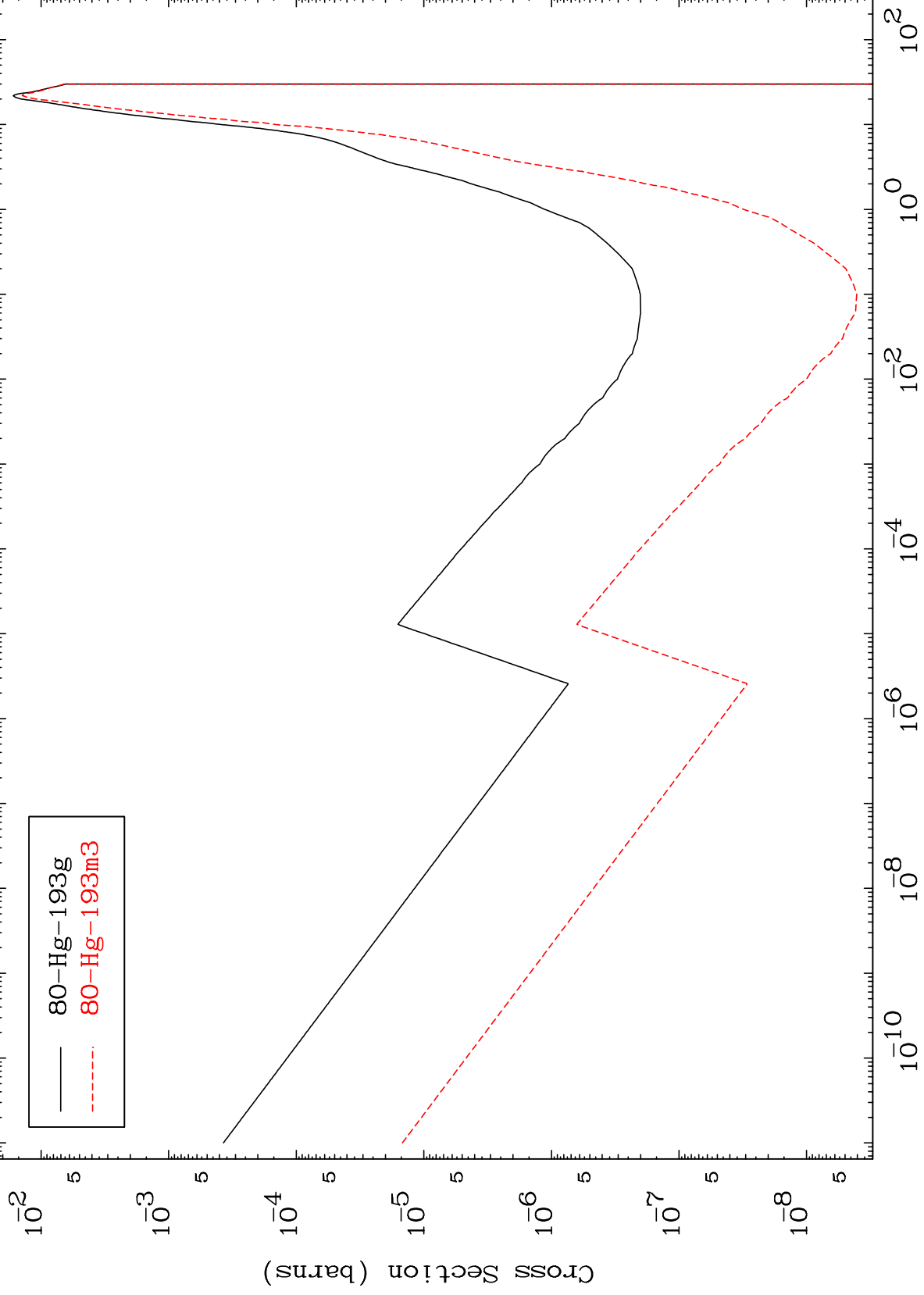
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

Radionuclide Production Cross Section
(n, α)



80-Hg-193g
80-Hg-193m3

107

82-Pb-196

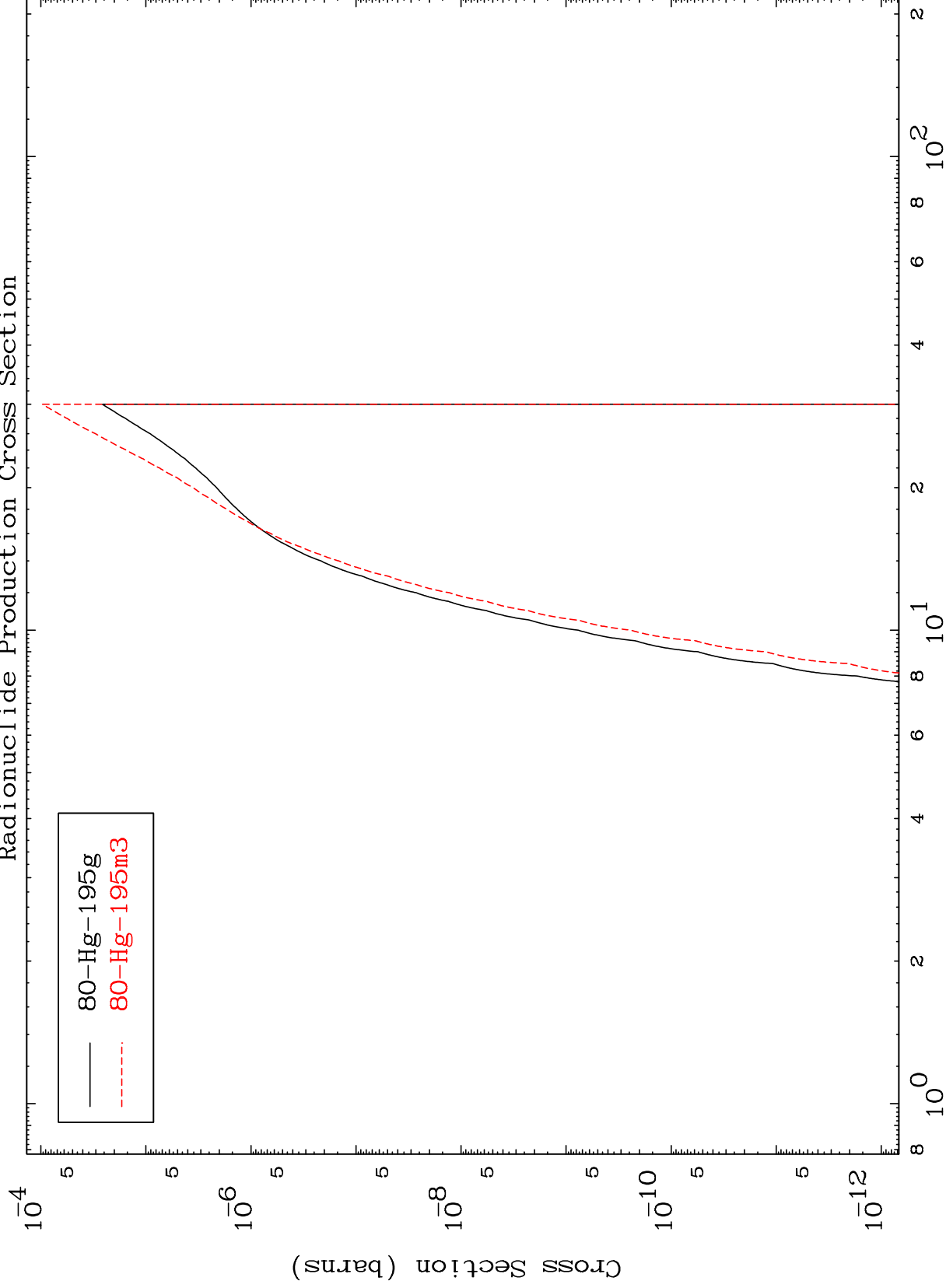
Incident Energy (MeV)

MAT 8201

(n,2p)

82-Pb-196

Radionuclide Production Cross Section



108

Incident Energy (MeV)

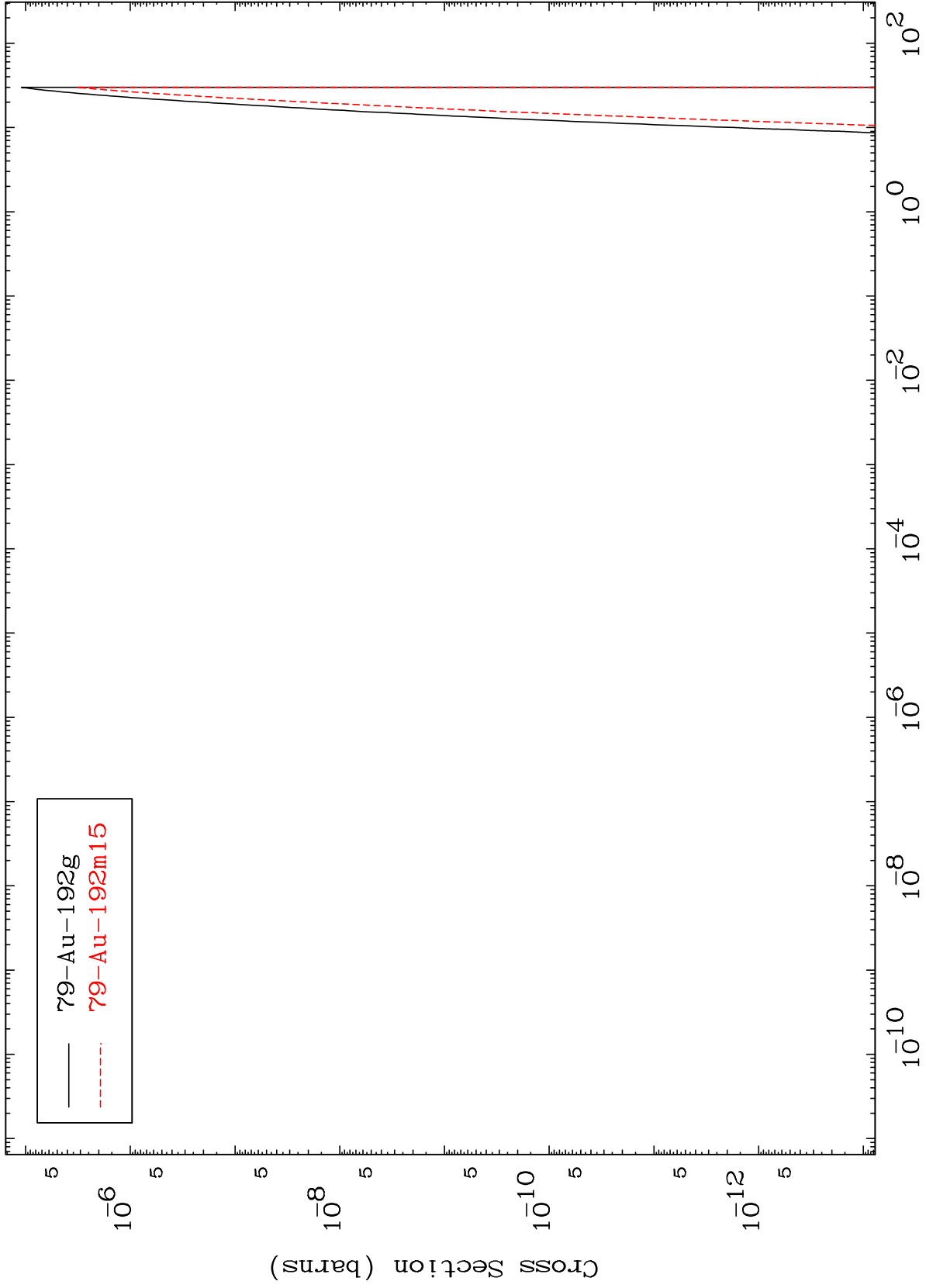
82-Pb-196

MAT 8201

(n,p) α

82-Pb-196

Radionuclide Production Cross Section



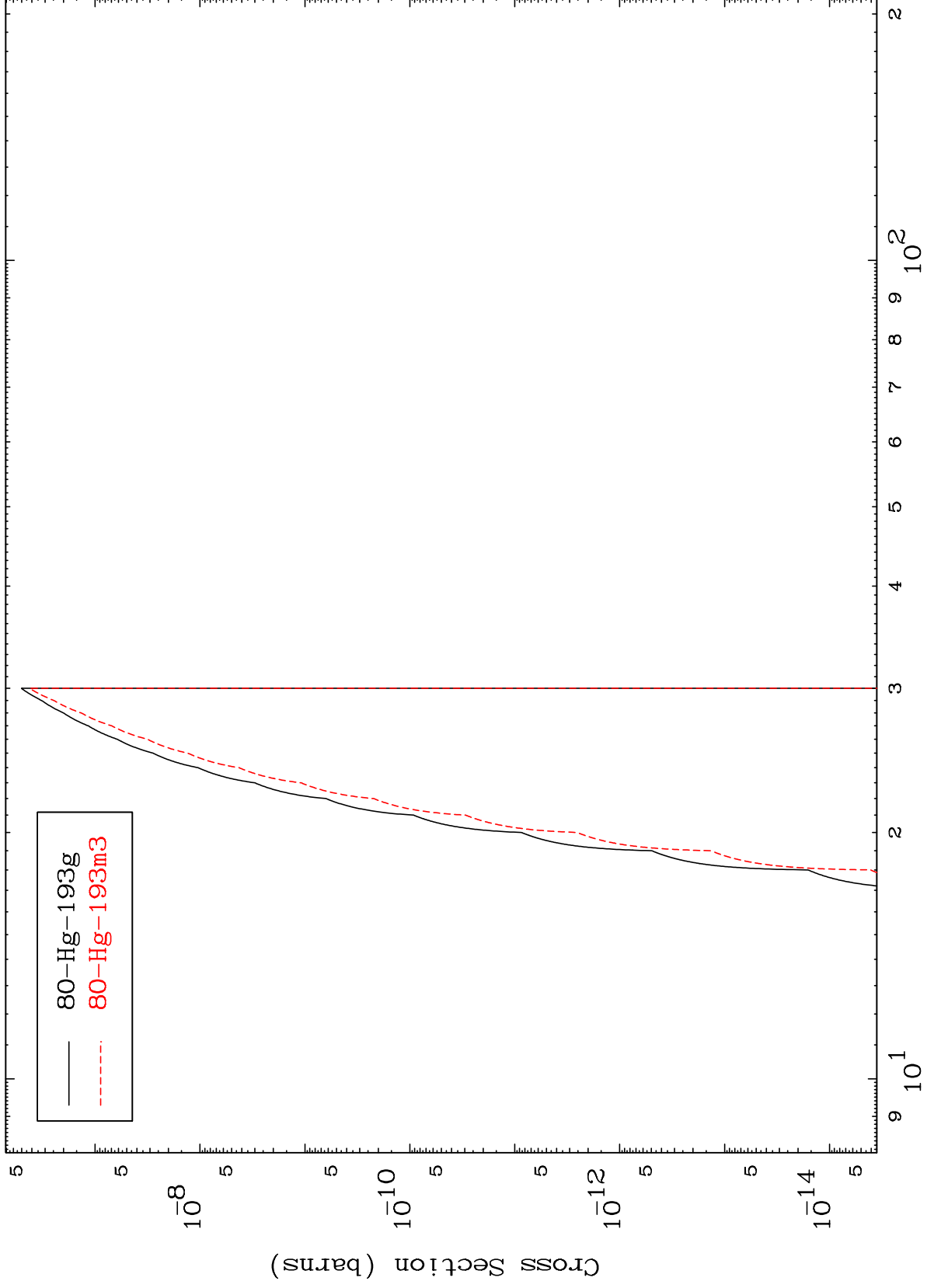
— 79-Au-192g
- - - 79-Au-192m15

MAT 8201

(n,p) t

82-Pb-196

Radionuclide Production Cross Section



110

Incident Energy (MeV)

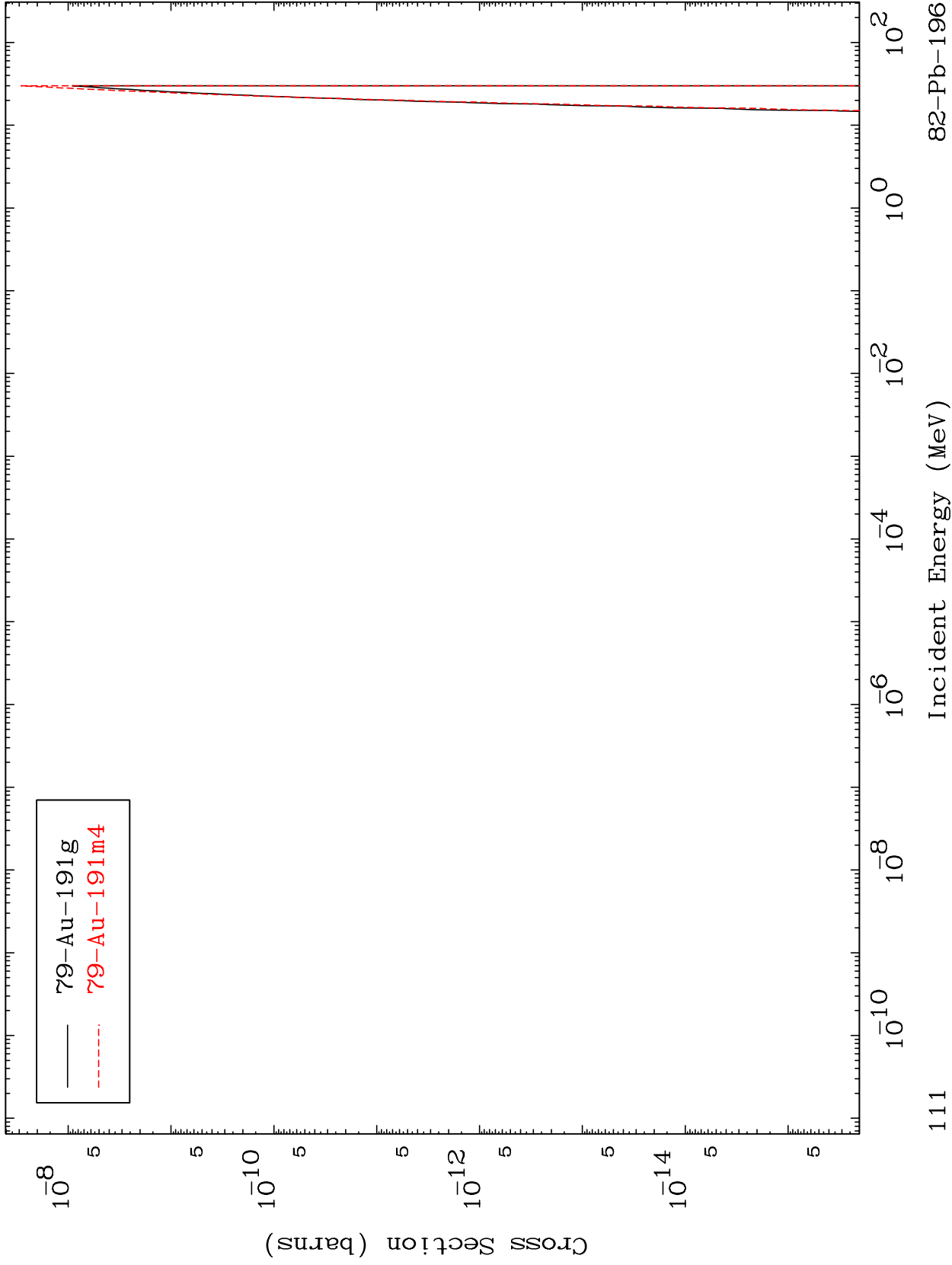
82-Pb-196

MAT 8201

(n,d) α

82-Pb-196

Radionuclide Production Cross Section



111

Incident Energy (MeV)

82-Pb-196