

Program EVALPLOT
(Version 2018-1)

by

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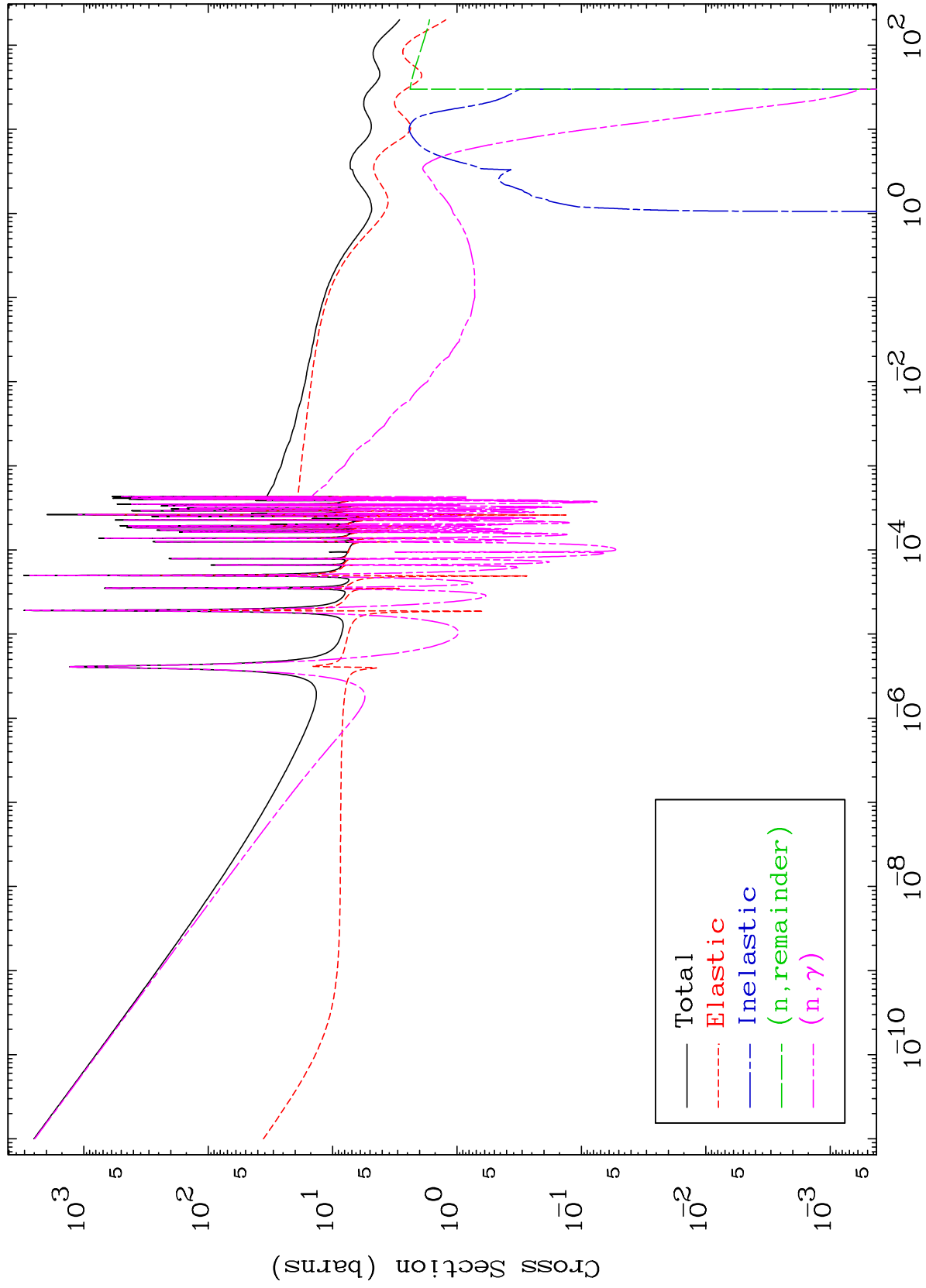
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8201

Major
293 Kelvin Cross Sections

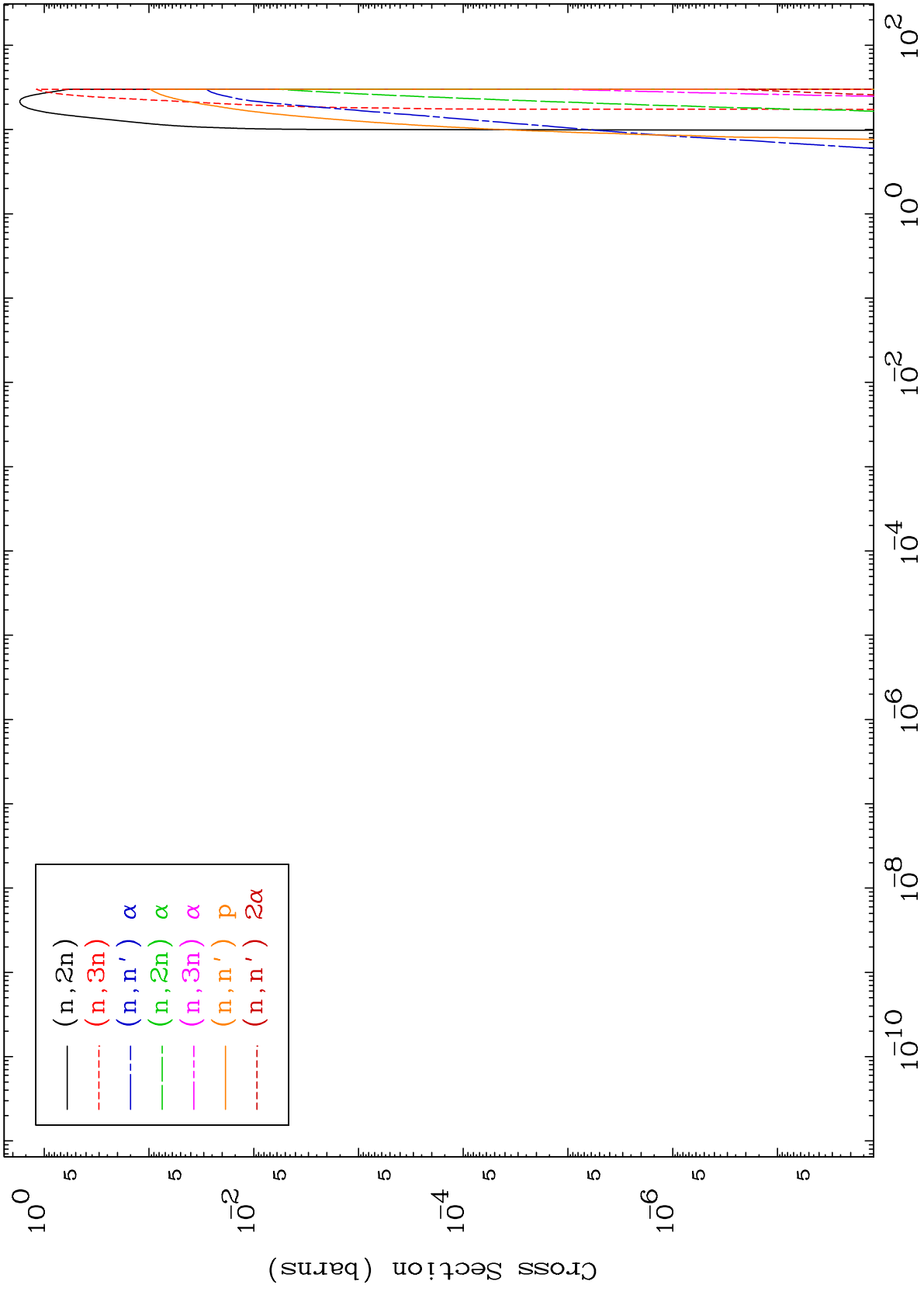
82-Pb-196



MAT 8201

Neutron Production
293 Kelvin Cross Sections

82-Pb-196

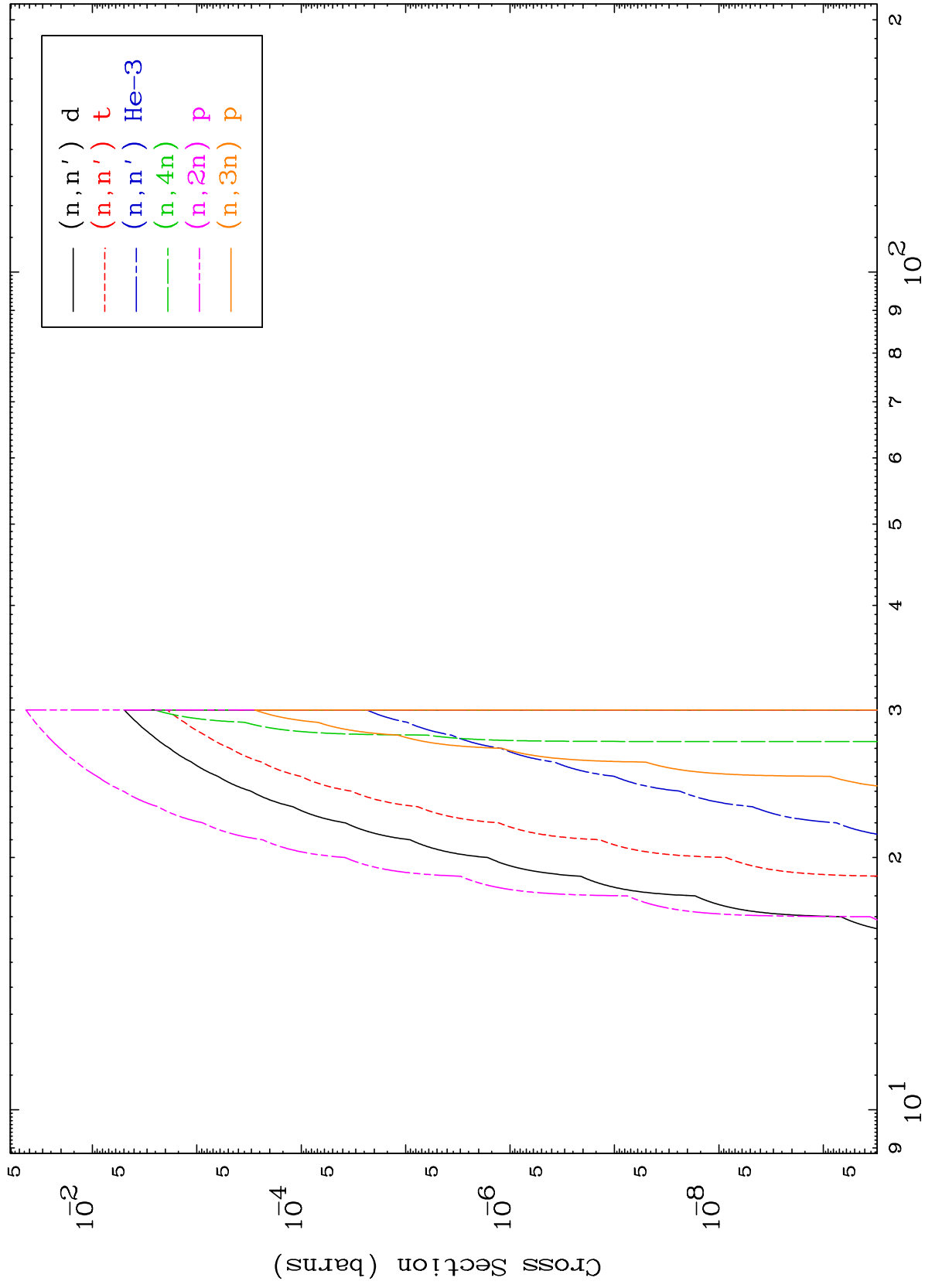


82-Pb-196

MAT 8201

Neutron Production 293 Kelvin Cross Sections

82-Pb-196



82-Pb-196

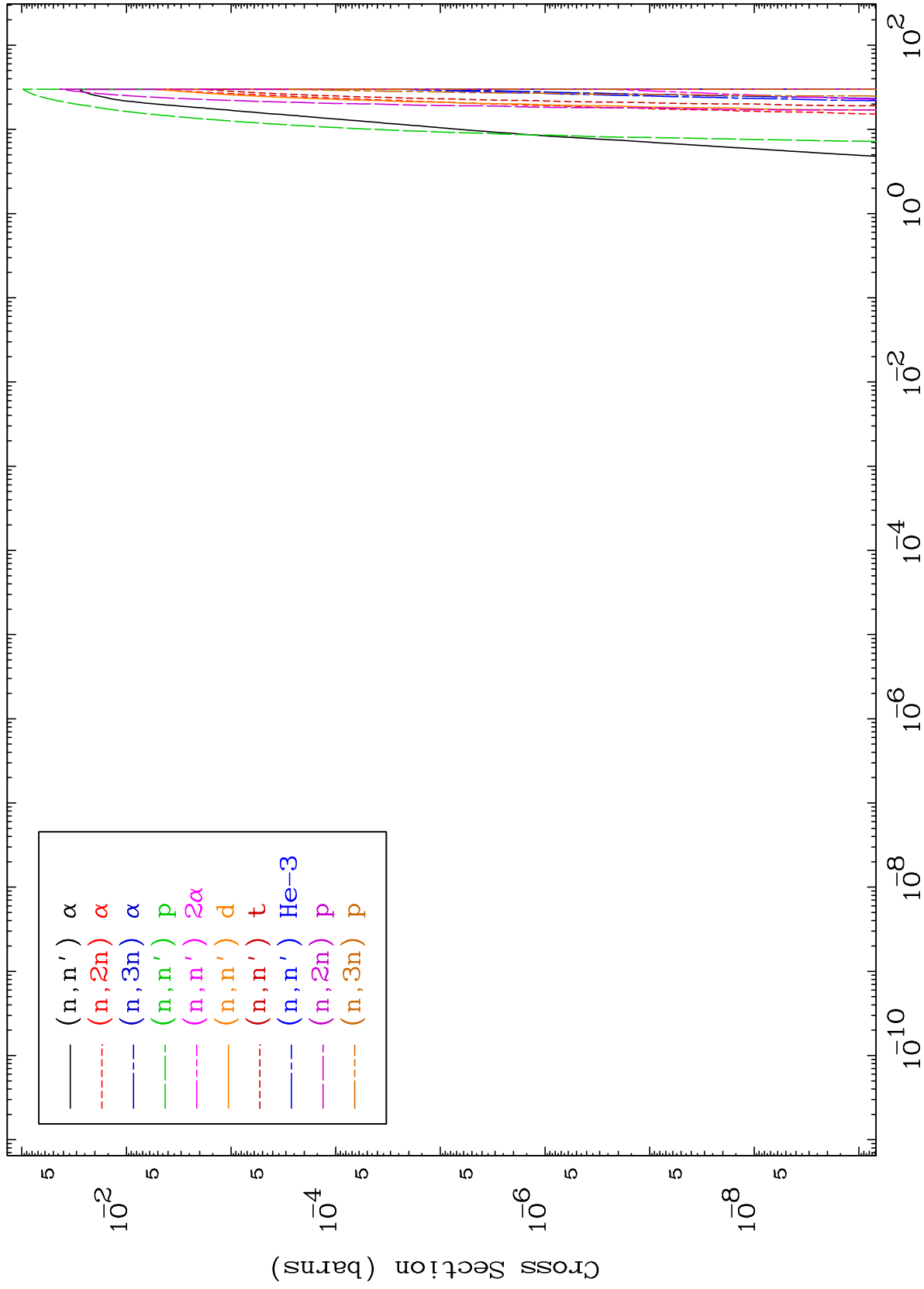
Incident Energy (MeV)

3

MAT 8201

293 Kelvin Cross Sections

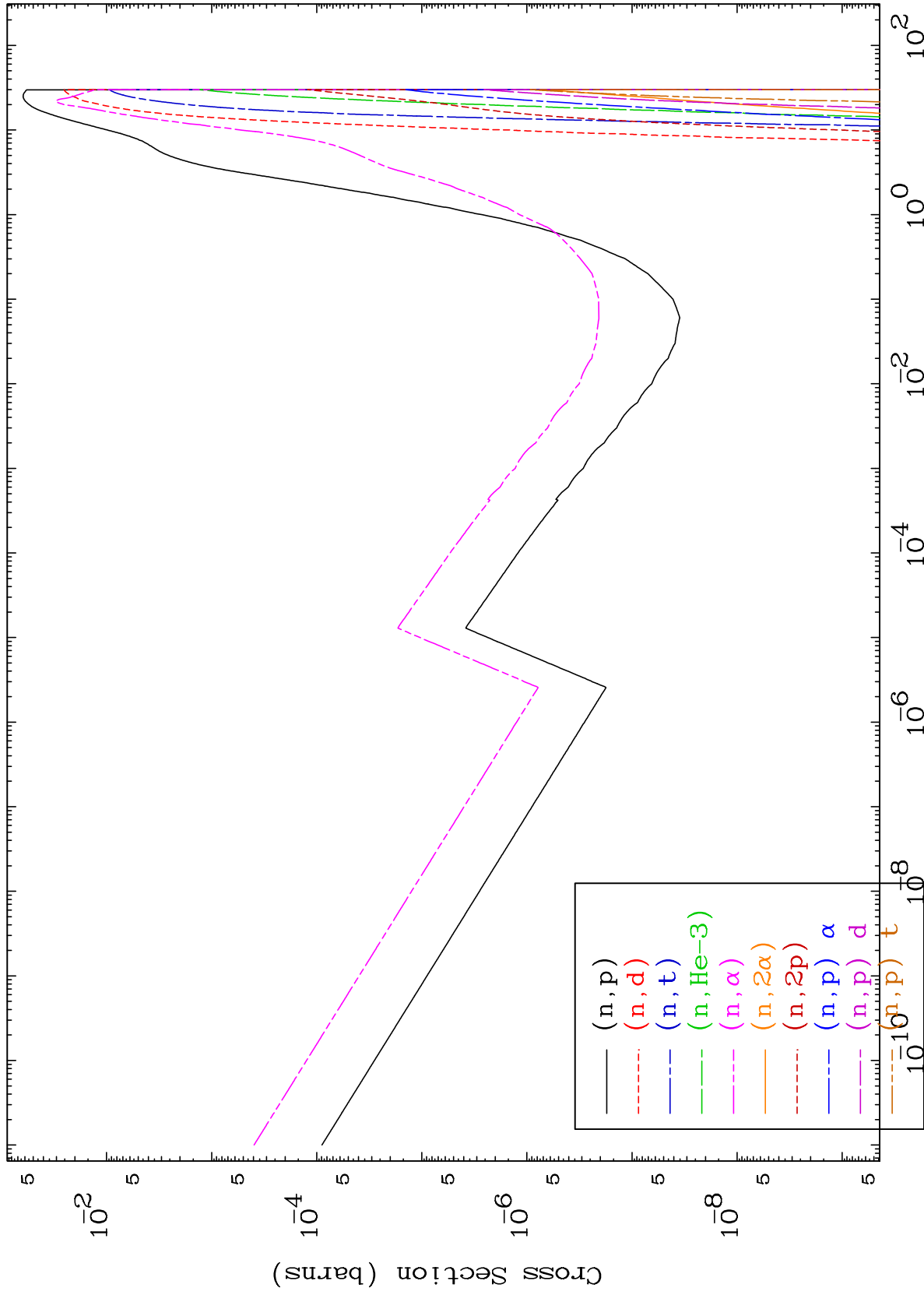
82-Pb-196



MAT 8201

293 Kelvin Cross Sections

82-Pb-196



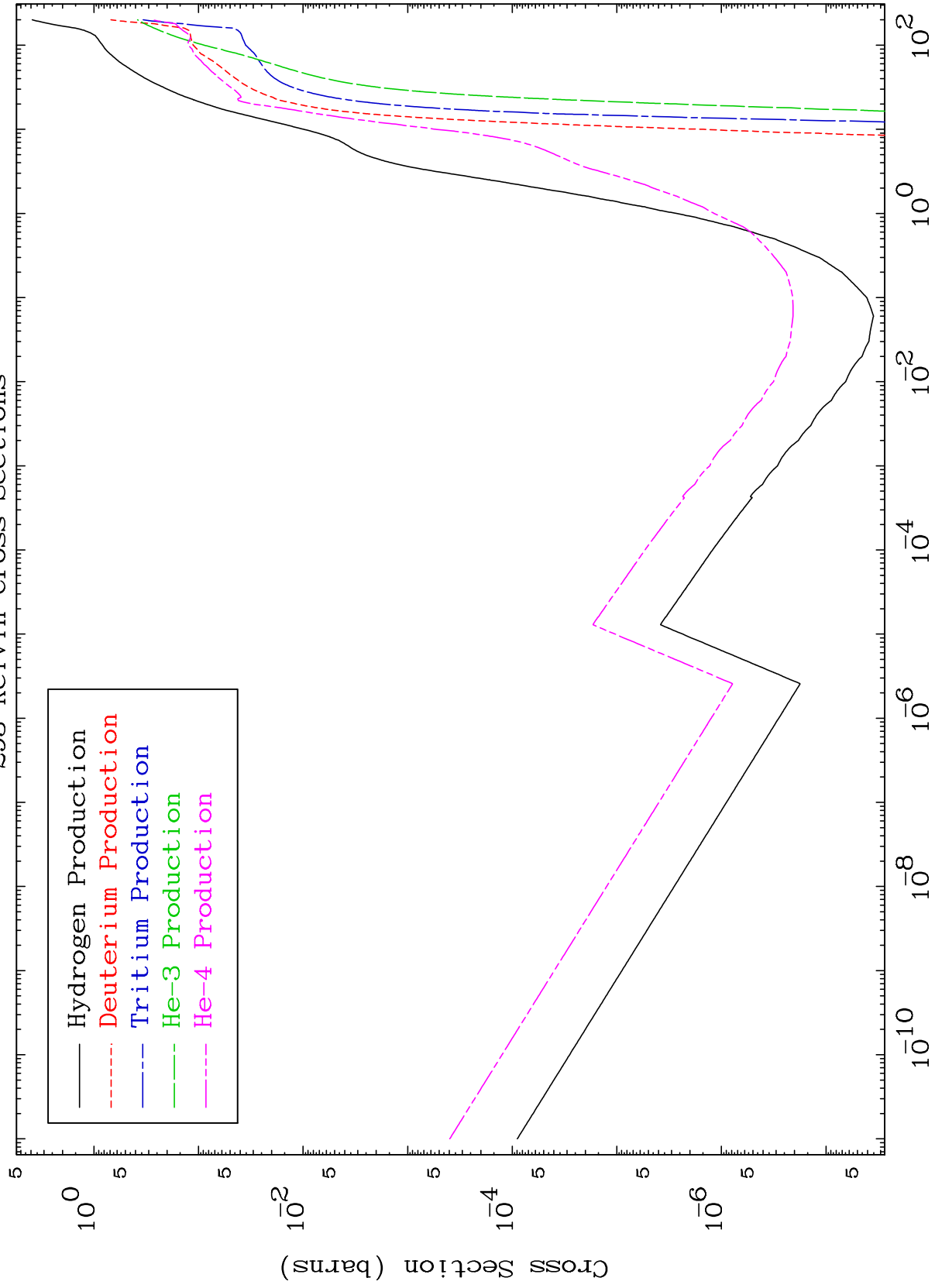
5

82-Pb-196

MAT 8201

Particle Production
293 Kelvin Cross Sections

82-Pb-196



6

Incident Energy (MeV)

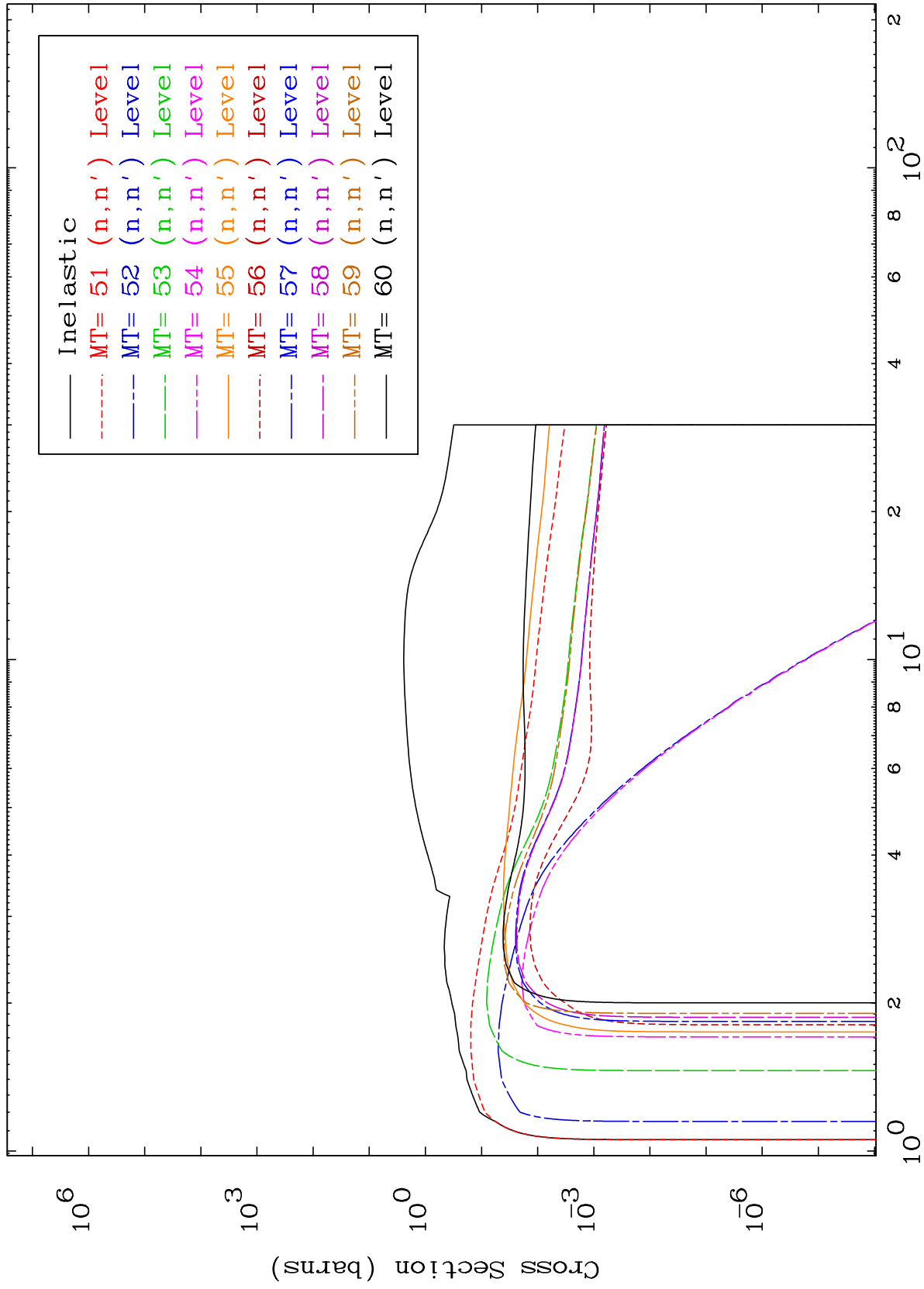
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MAT 8201

(n,n') Level

82-Pb-196

293 Kelvin Cross Sections



Incident Energy (MeV)

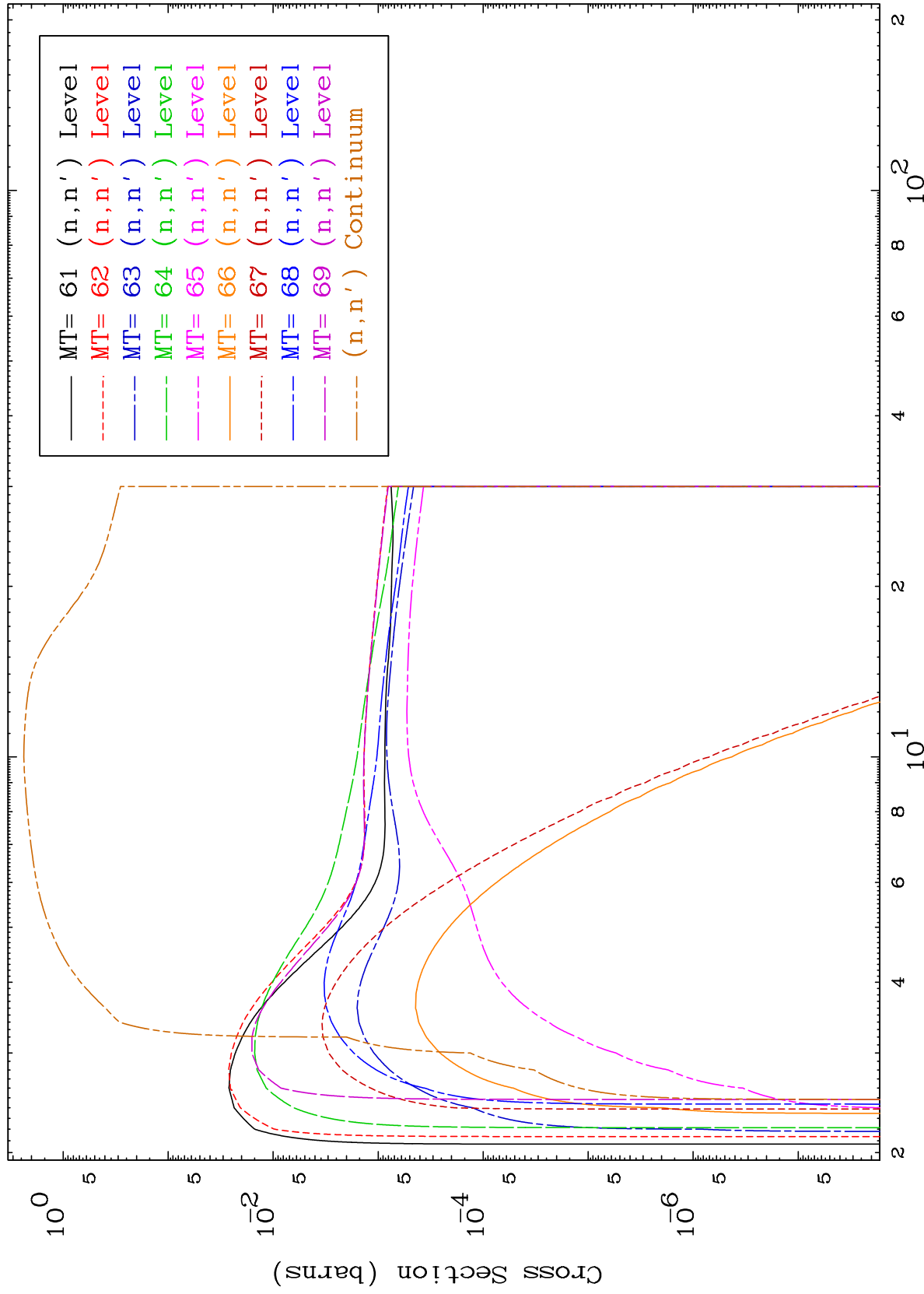
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MAT 8201

(n,n') Level

82-Pb-196

293 Kelvin Cross Sections



8

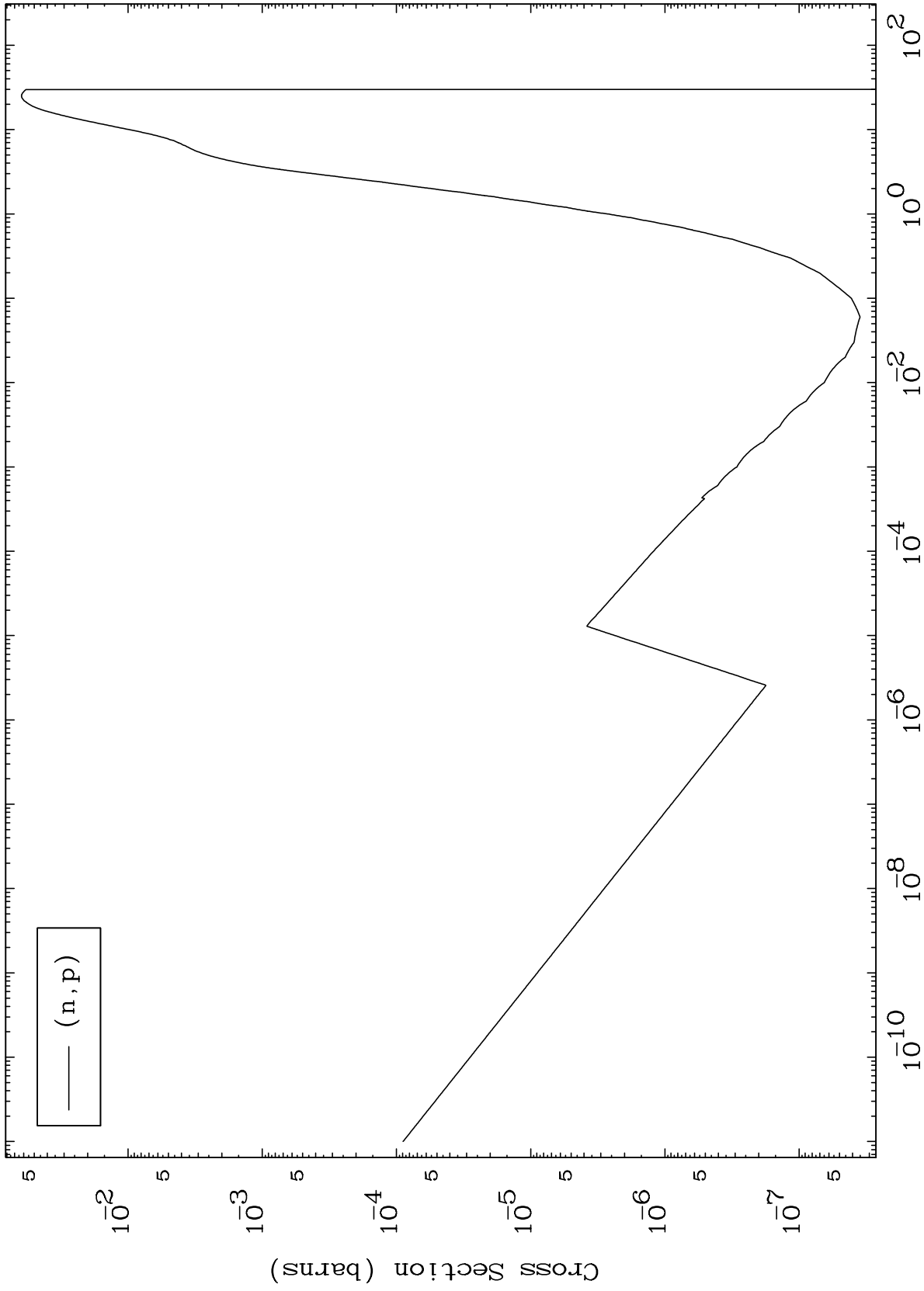
Incident Energy (MeV)

82-Pb-196

MAT 8201

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-196

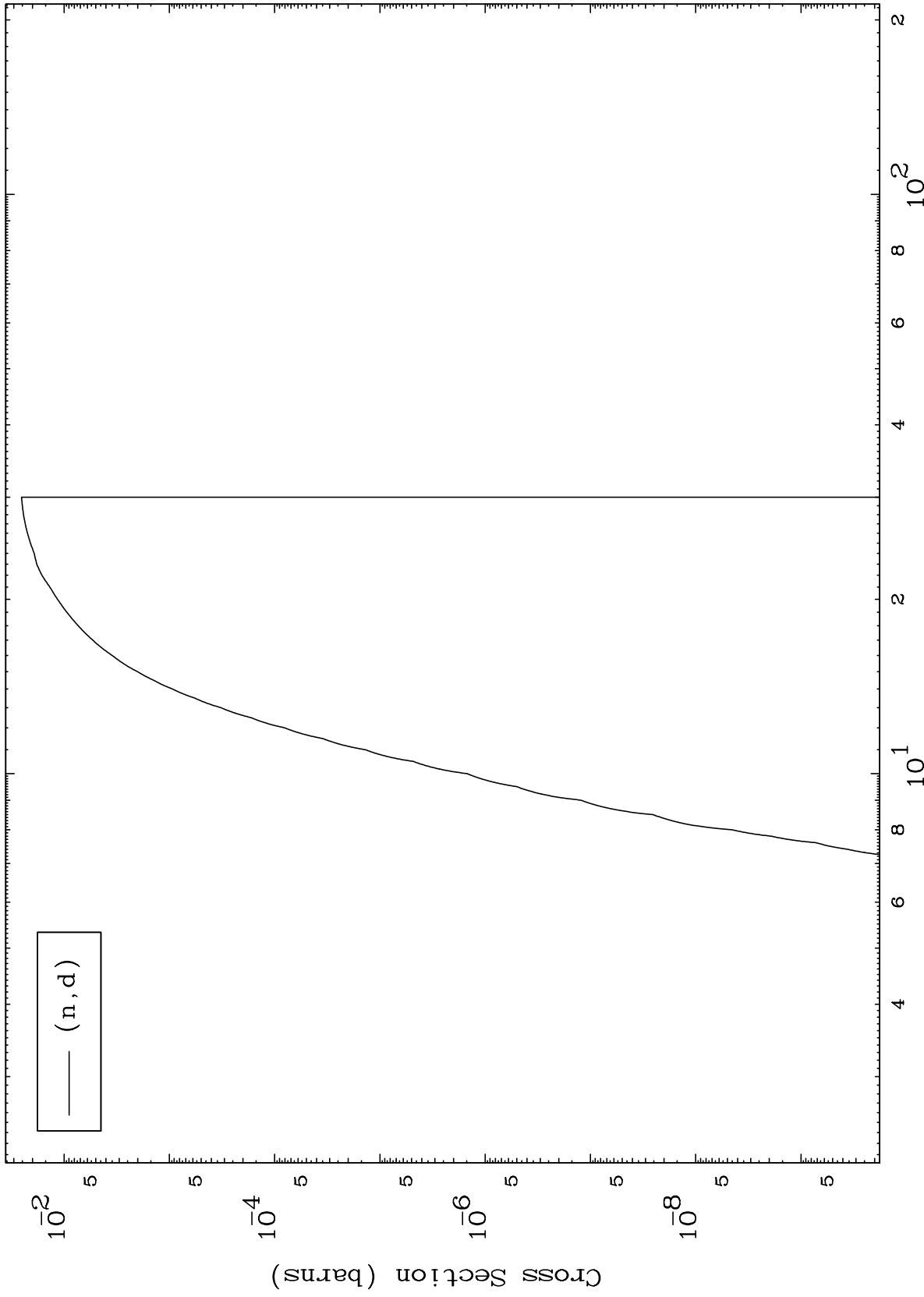


82-Pb-196

MAT 8201

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-196



10

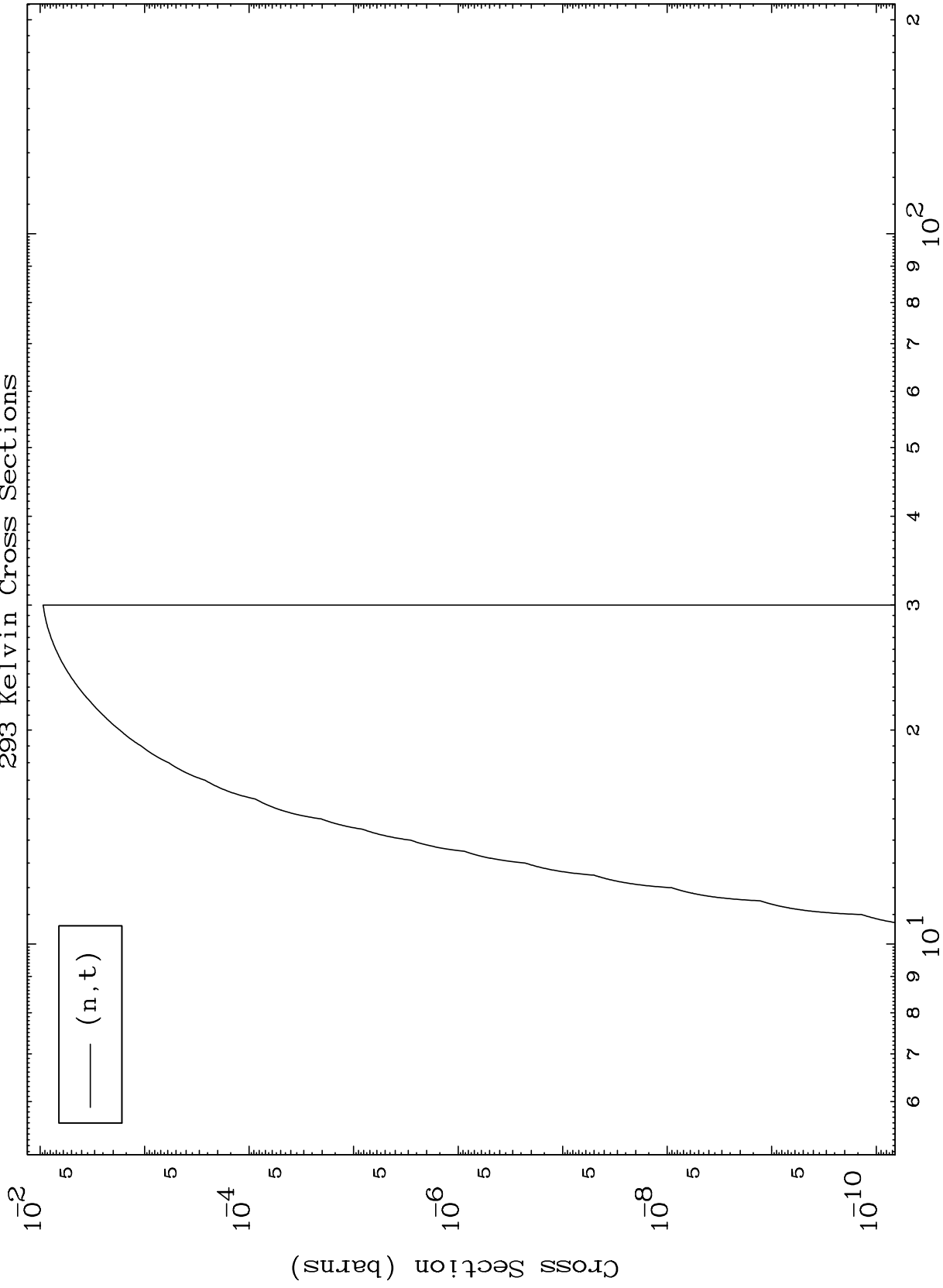
Incident Energy (MeV)

82-Pb-196

MAT 8201

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-196



11

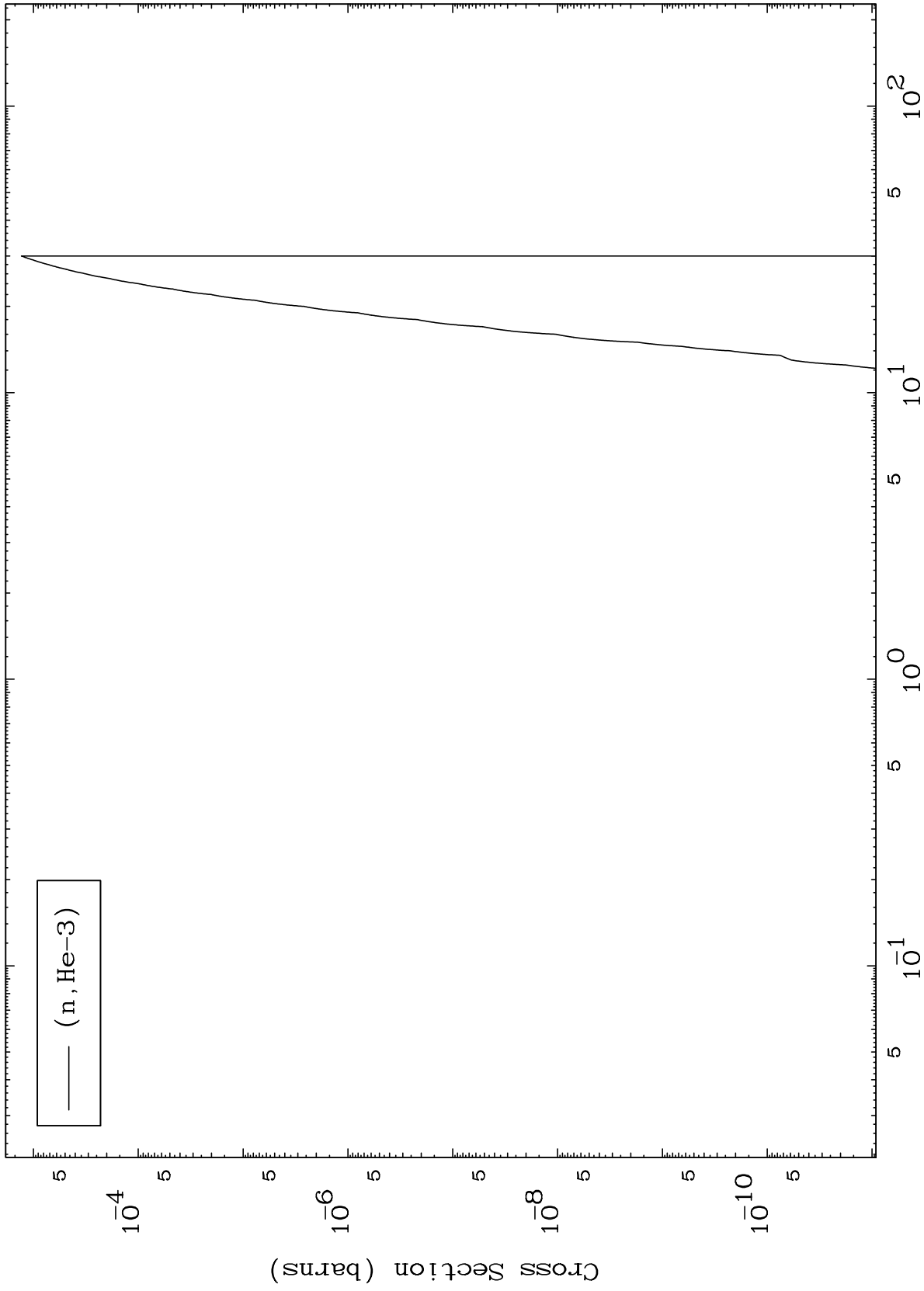
Incident Energy (MeV)

82-Pb-196

MAT 8201

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-196



12

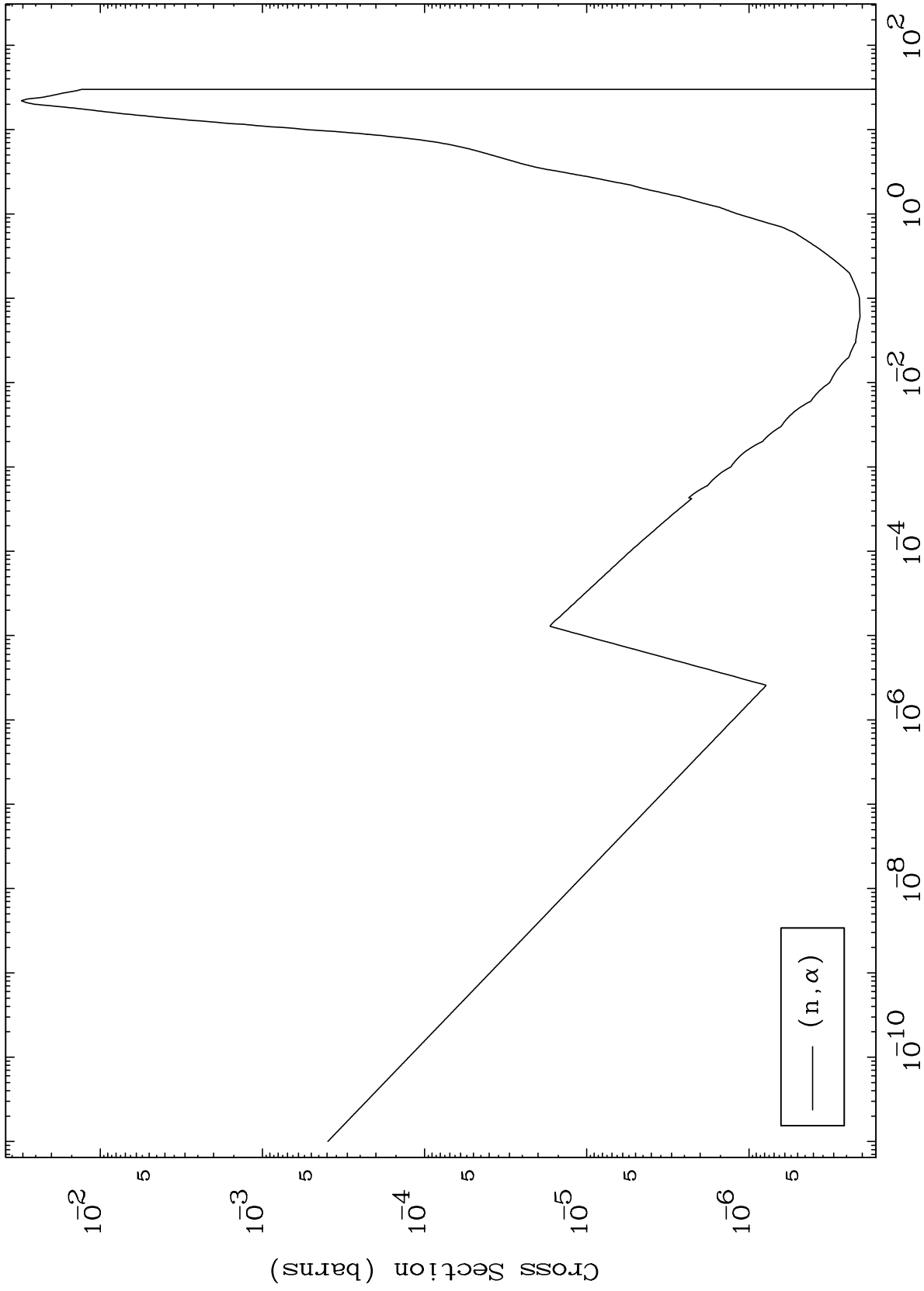
Incident Energy (MeV)

82-Pb-196

MAT 8201

(n,α) Levels
293 Kelvin Cross Sections

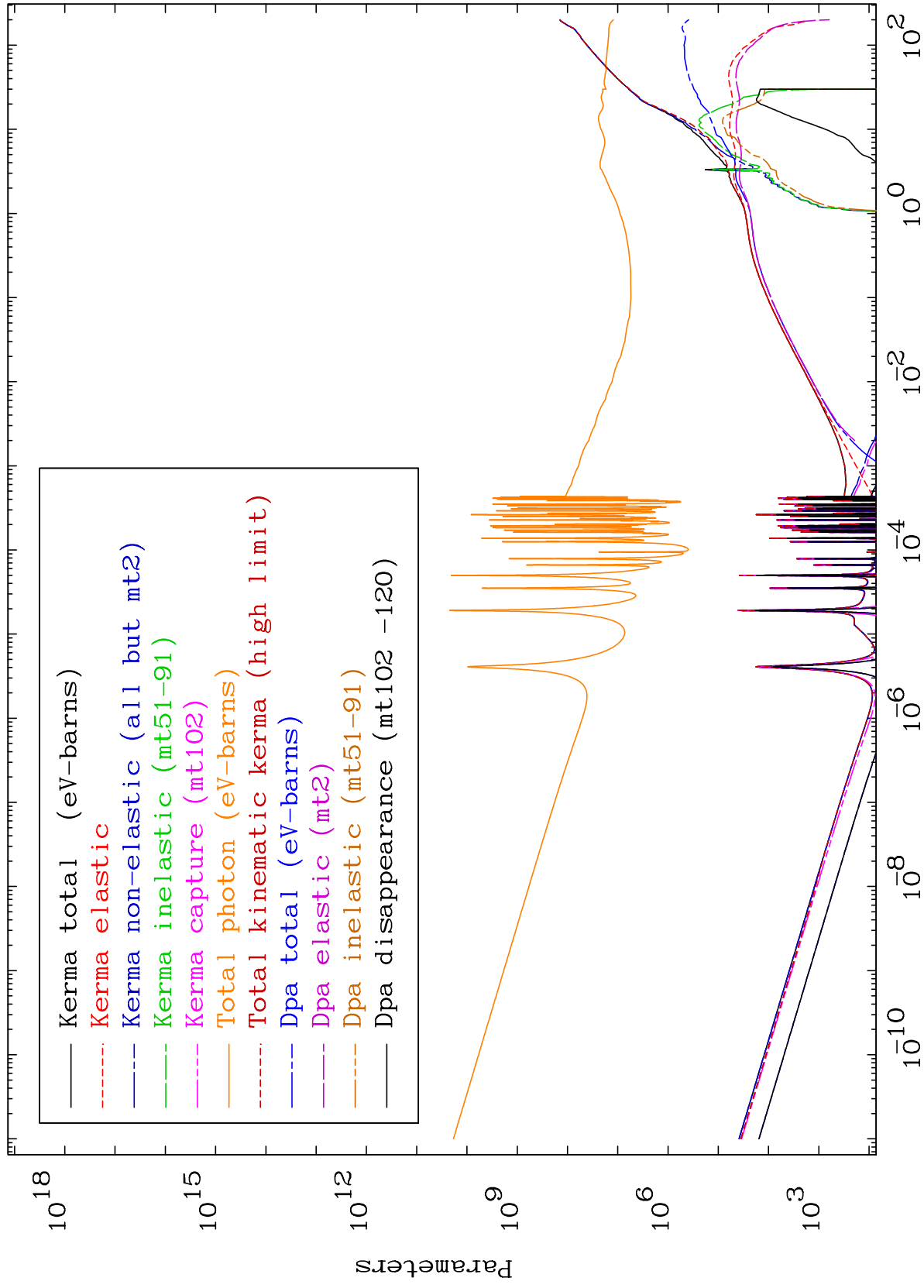
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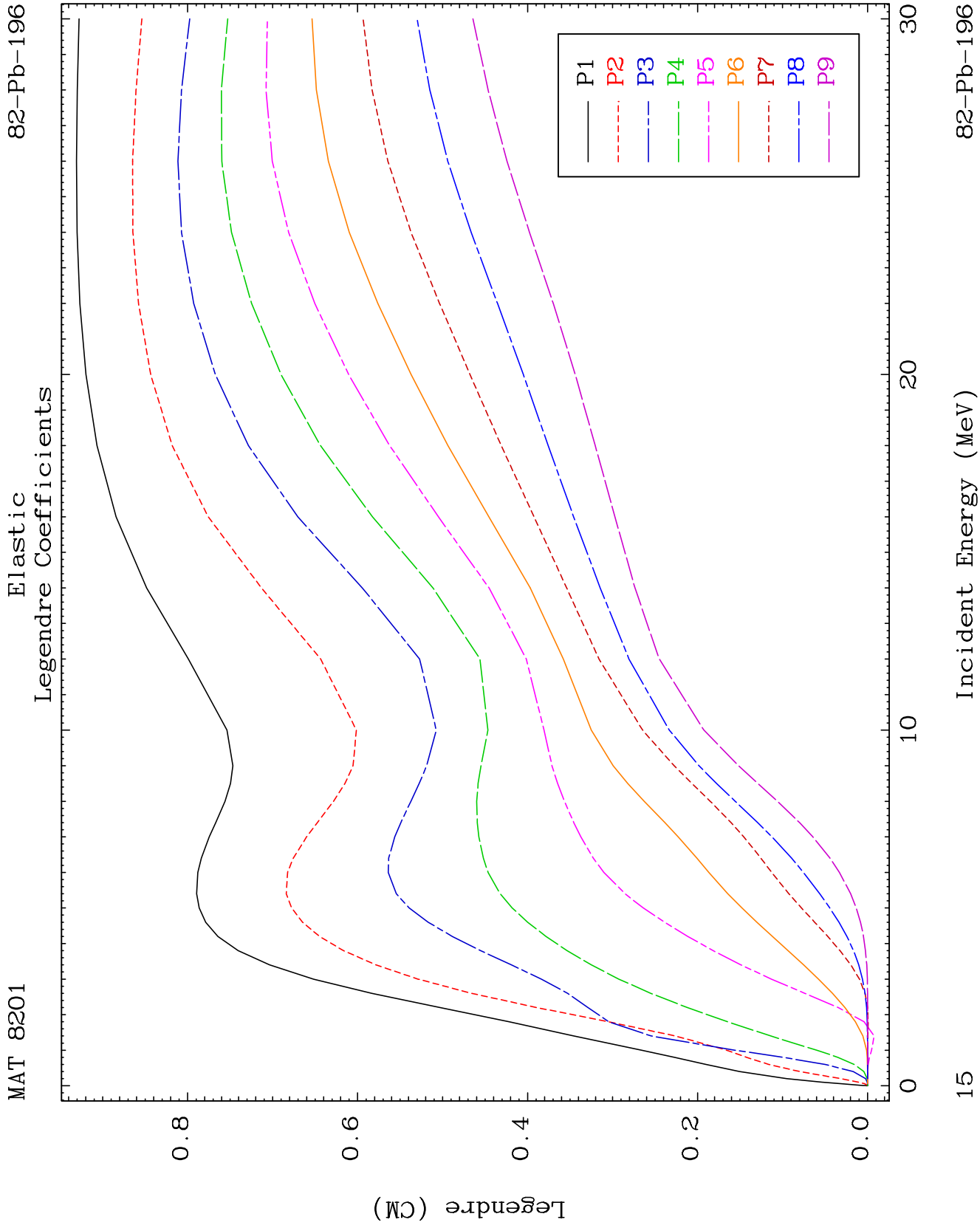


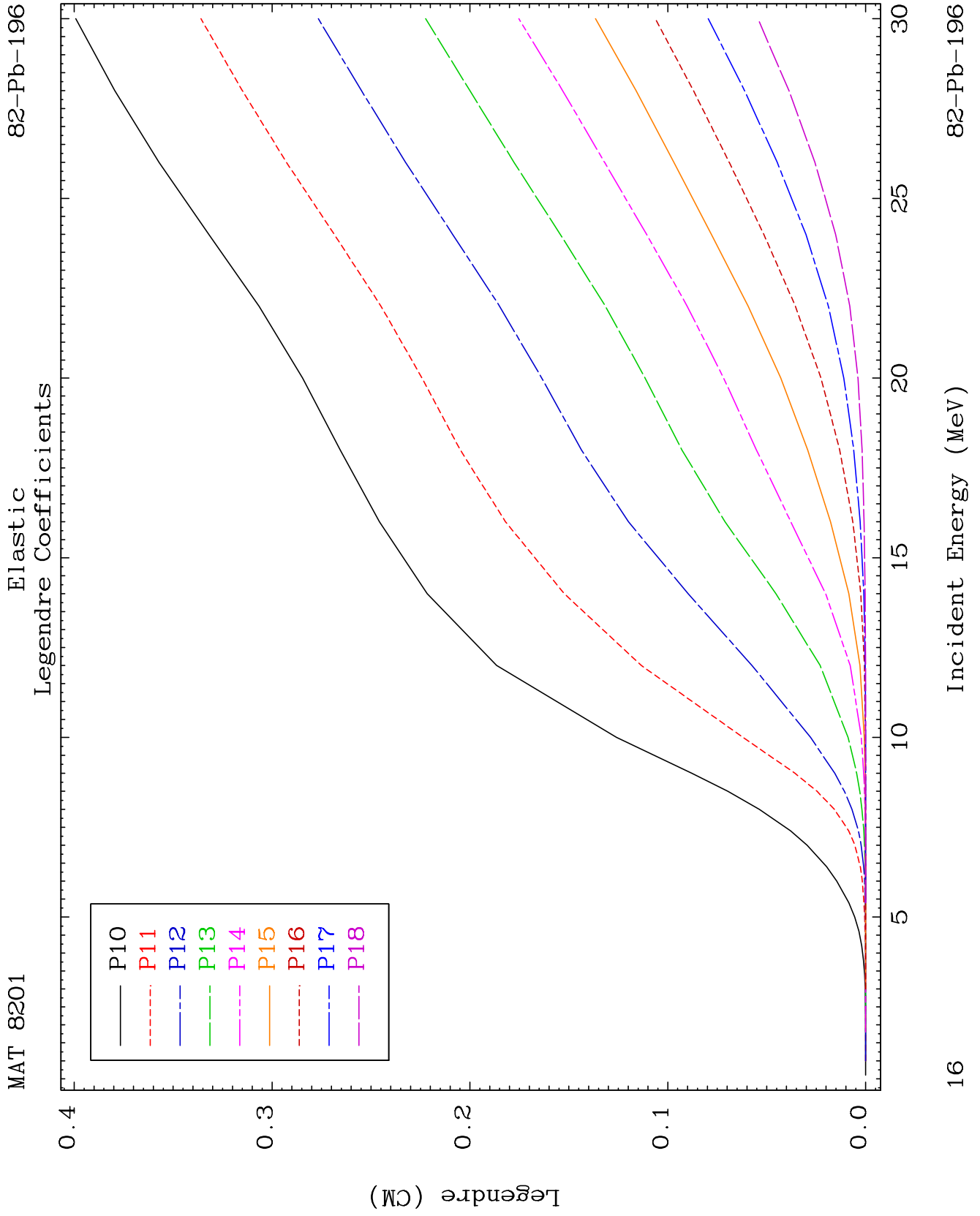
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Incident Energy (MeV)

82-Pb-196



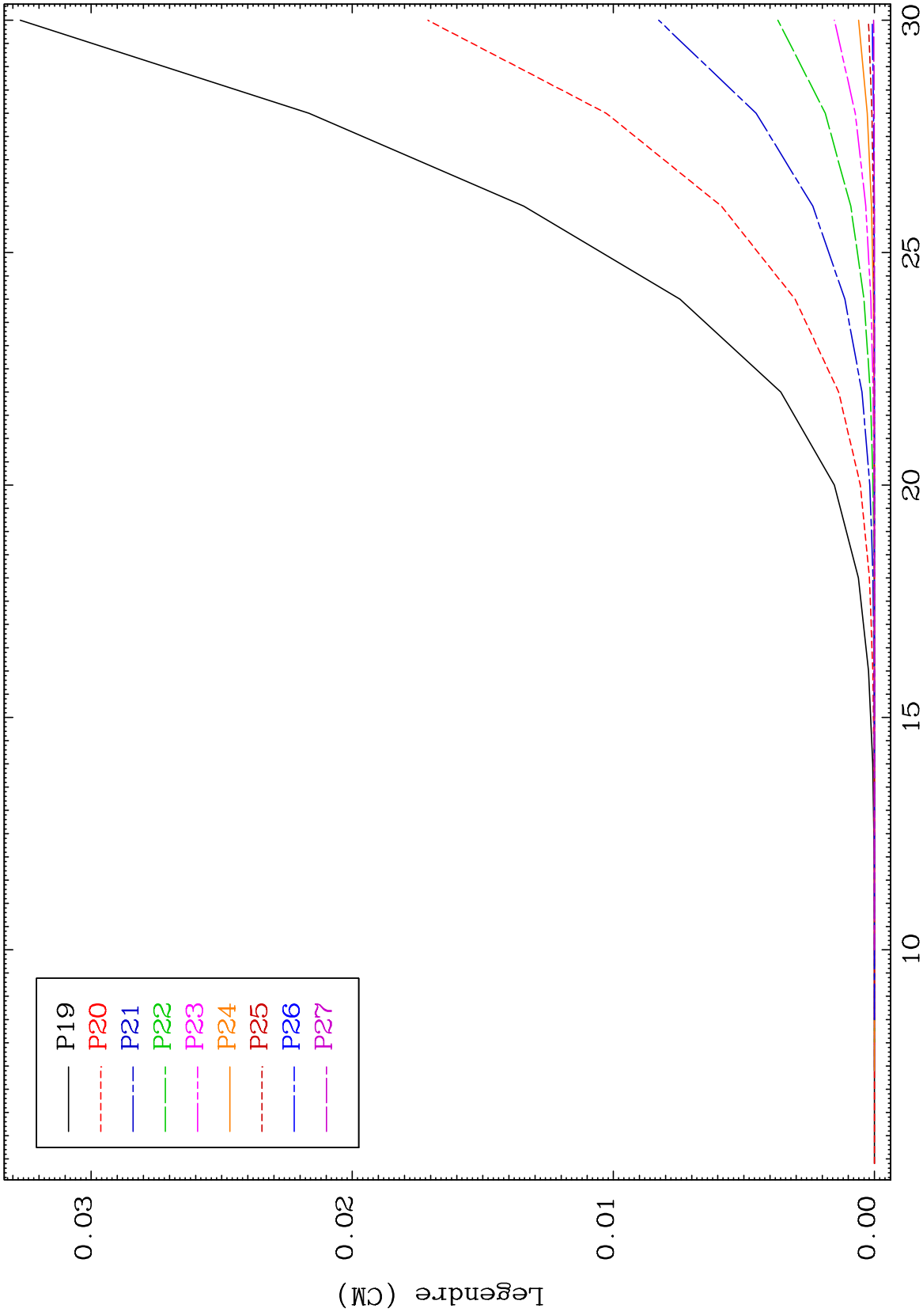




MAT 8201

Elastic Legendre Coefficients

82-Pb-196



17

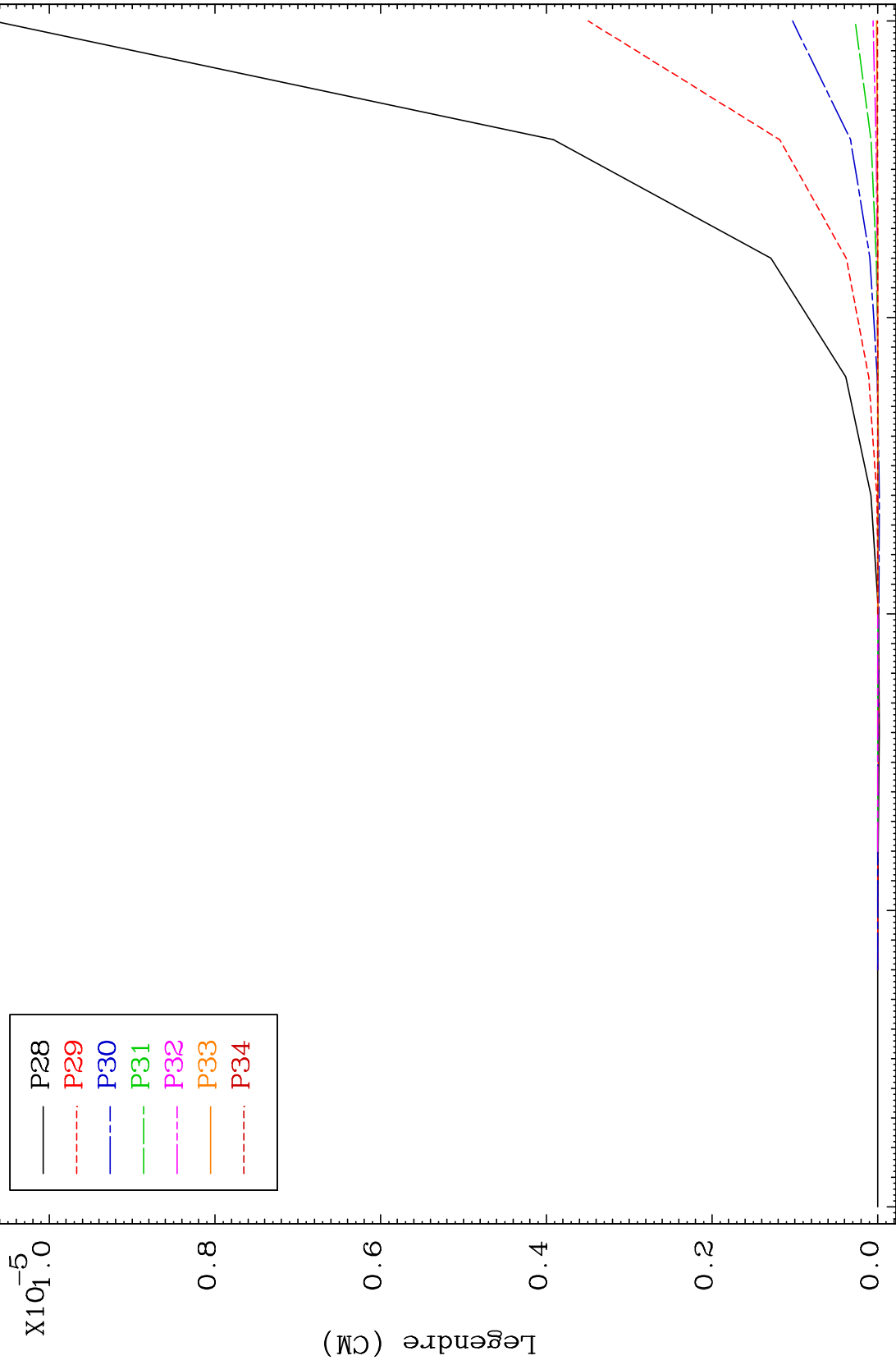
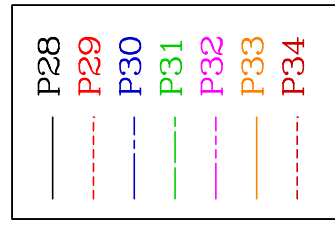
Incident Energy (MeV)

82-Pb-196

MAT 8201

Elastic Legendre Coefficients

82-Pb-196



18

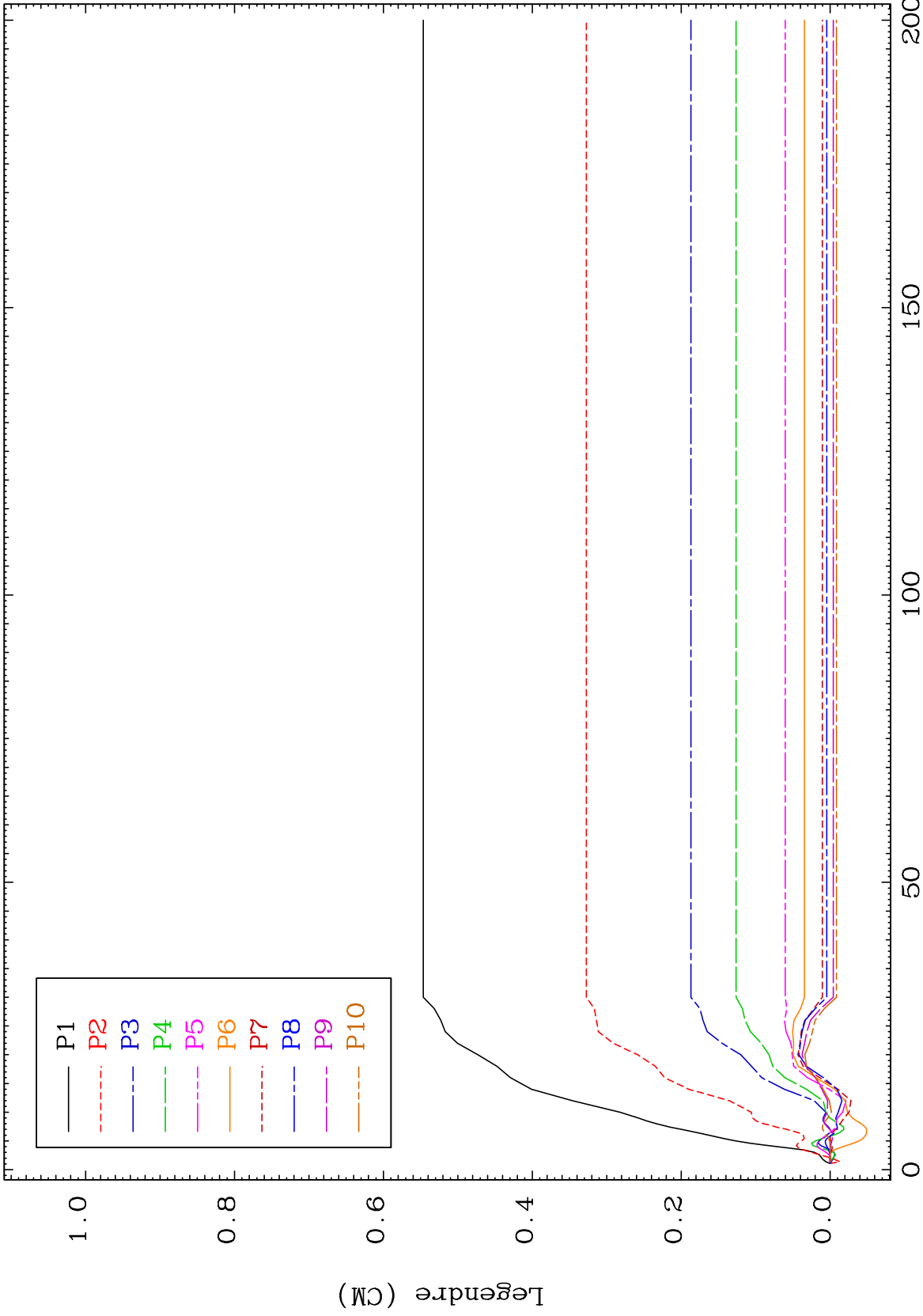
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



19

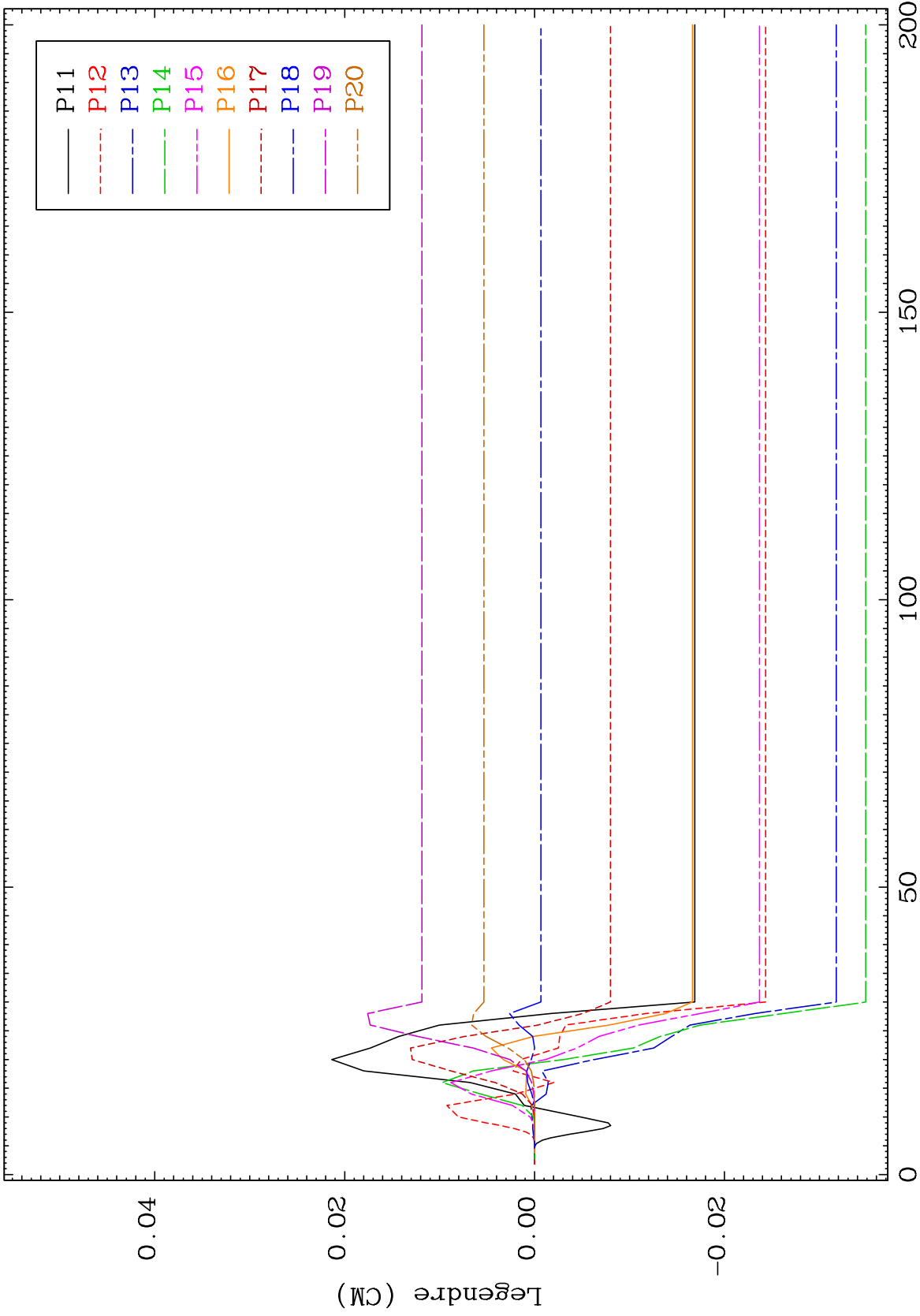
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



20

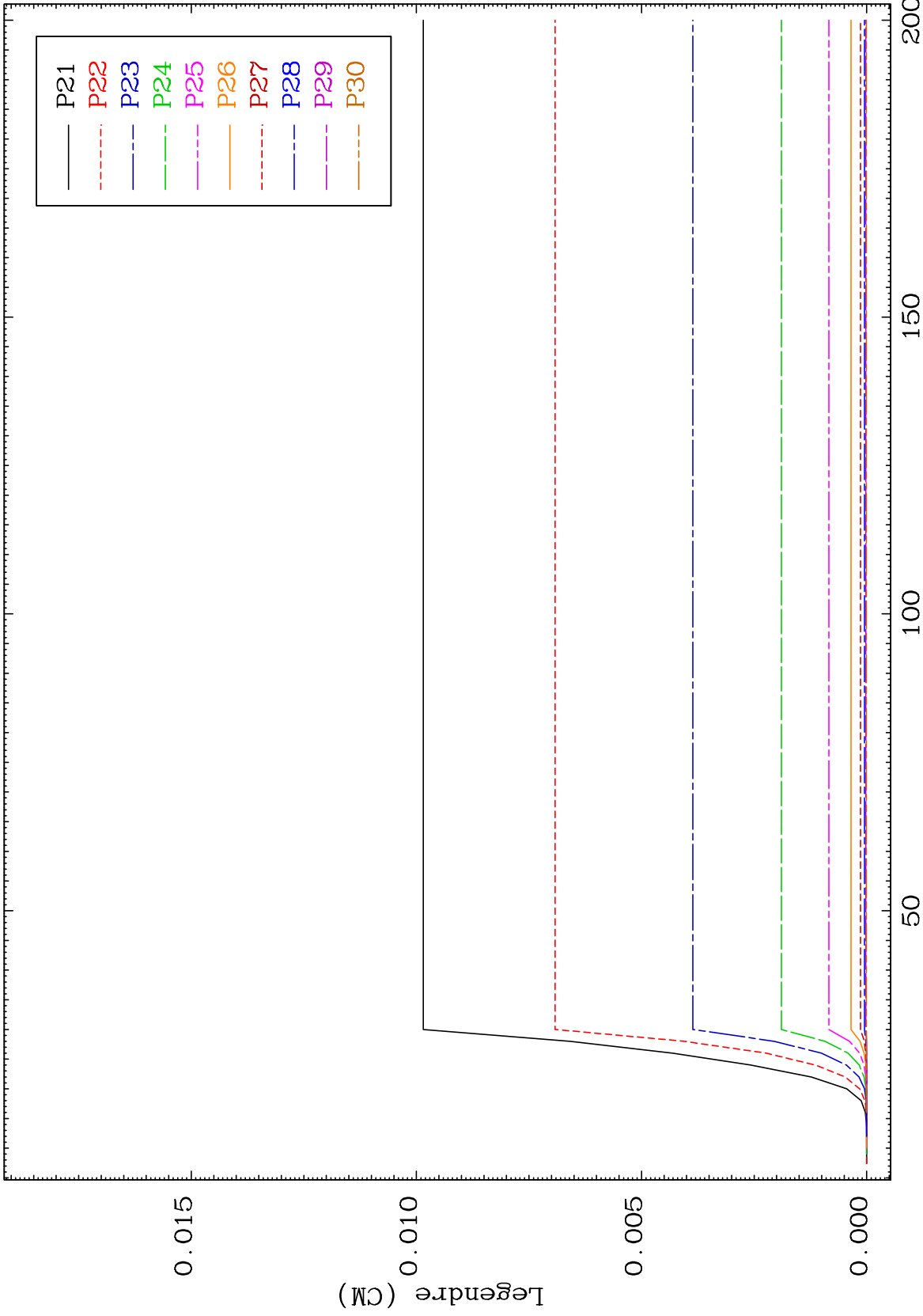
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



21

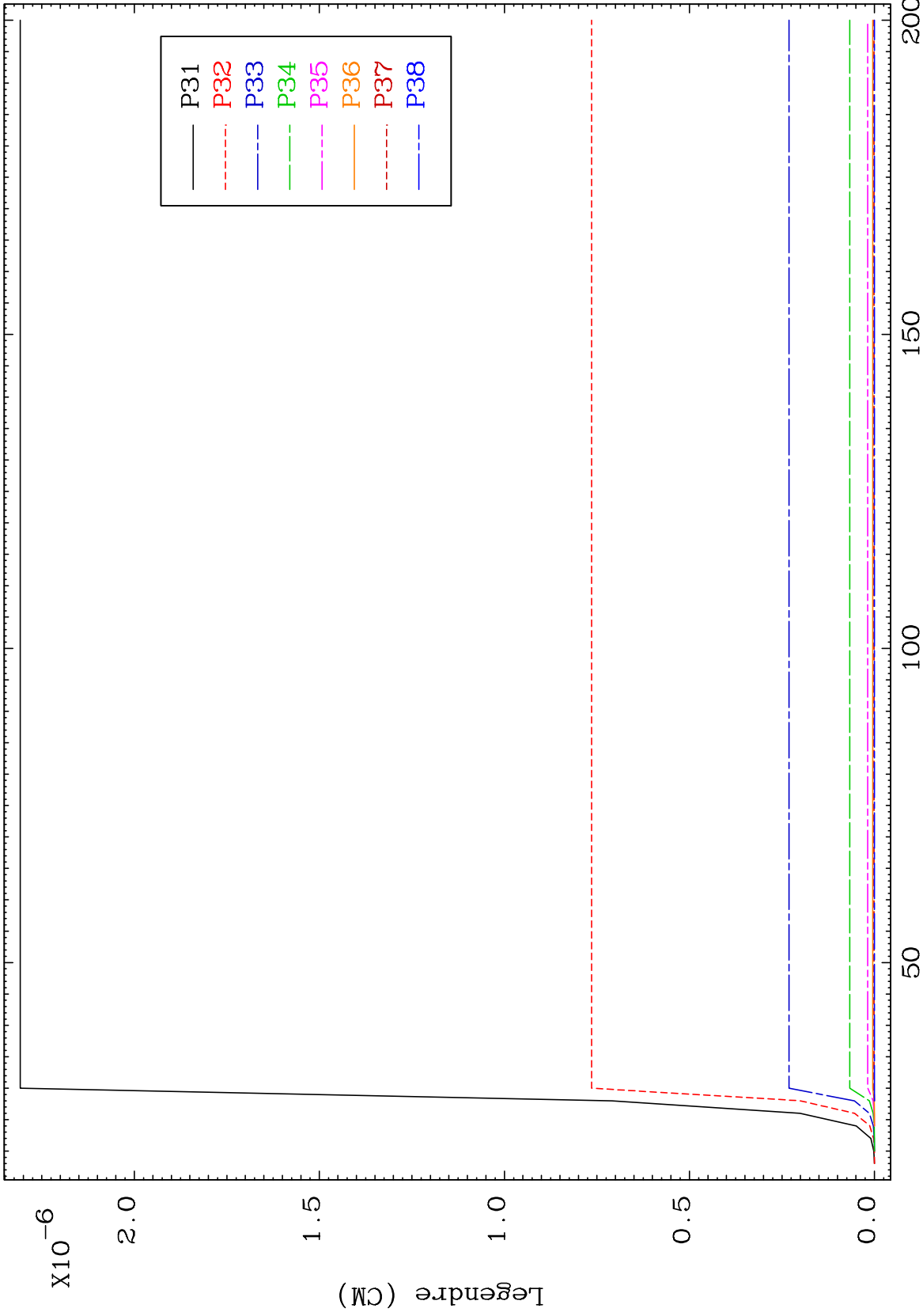
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196

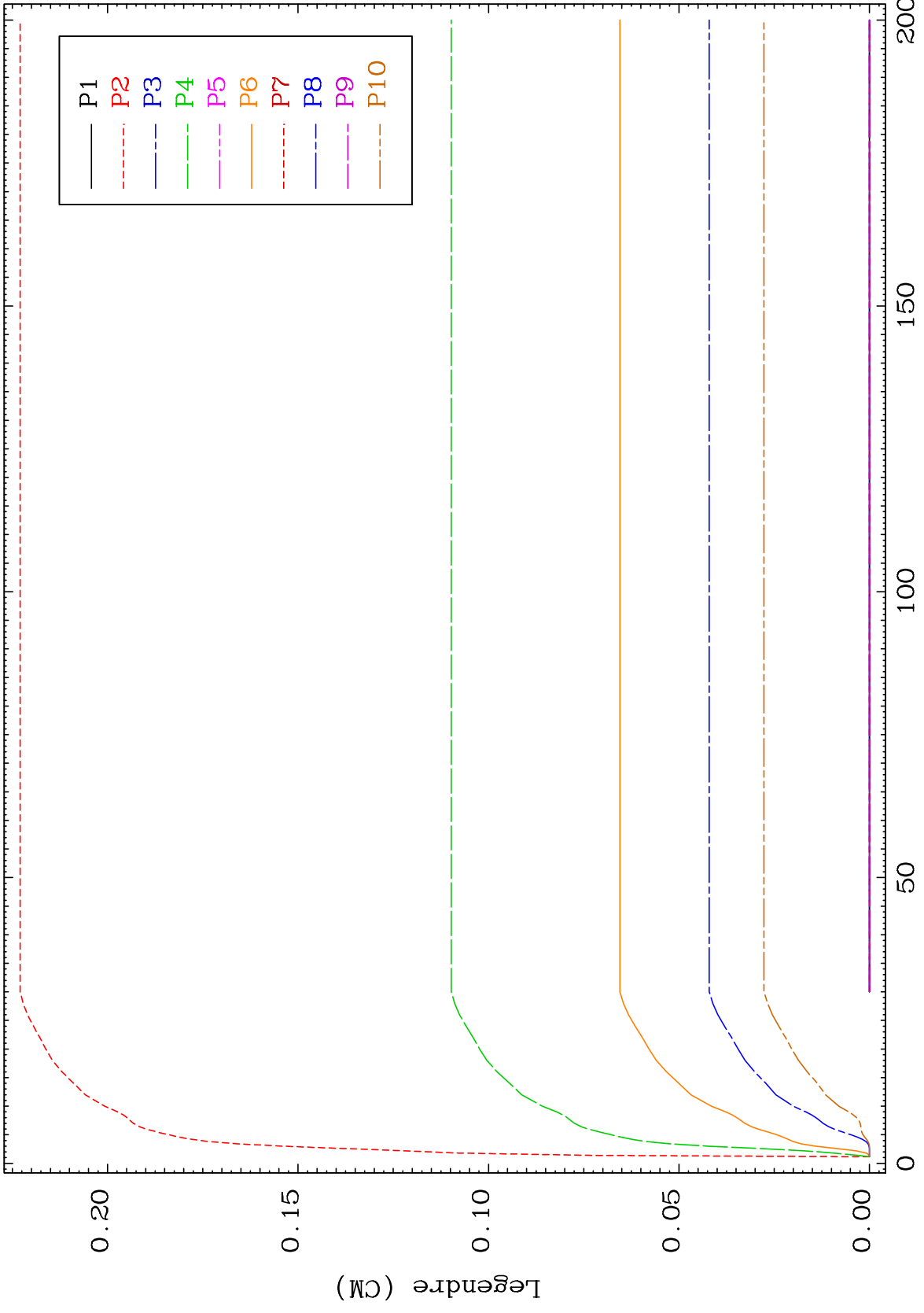


22

Incident Energy (MeV)

82-Pb-196

MAT 8201 MT= 52 (n,n') Level Legendre Coefficients 82-Pb-196

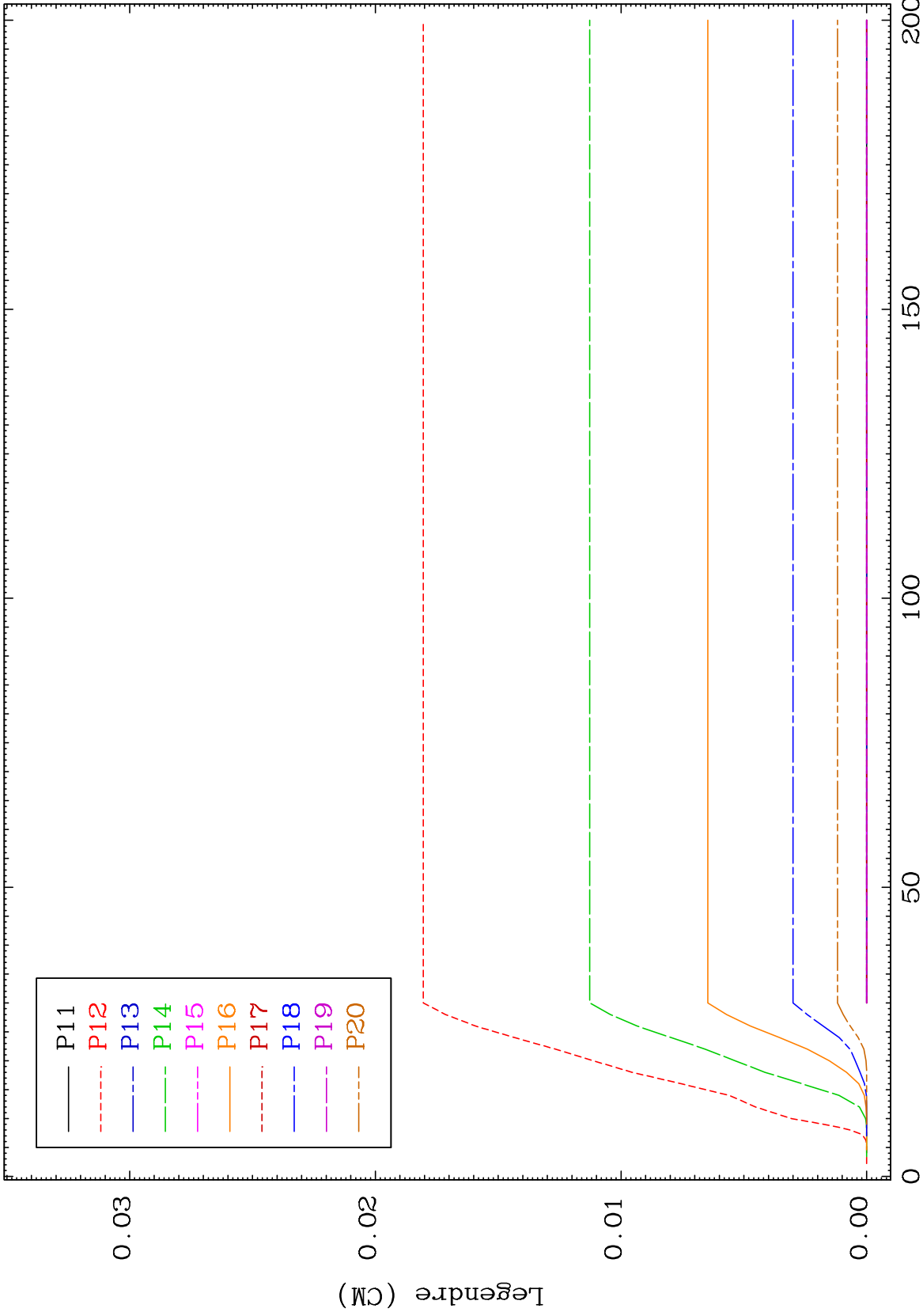


23 82-Pb-196

MAT 8201

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

82-Pb-196

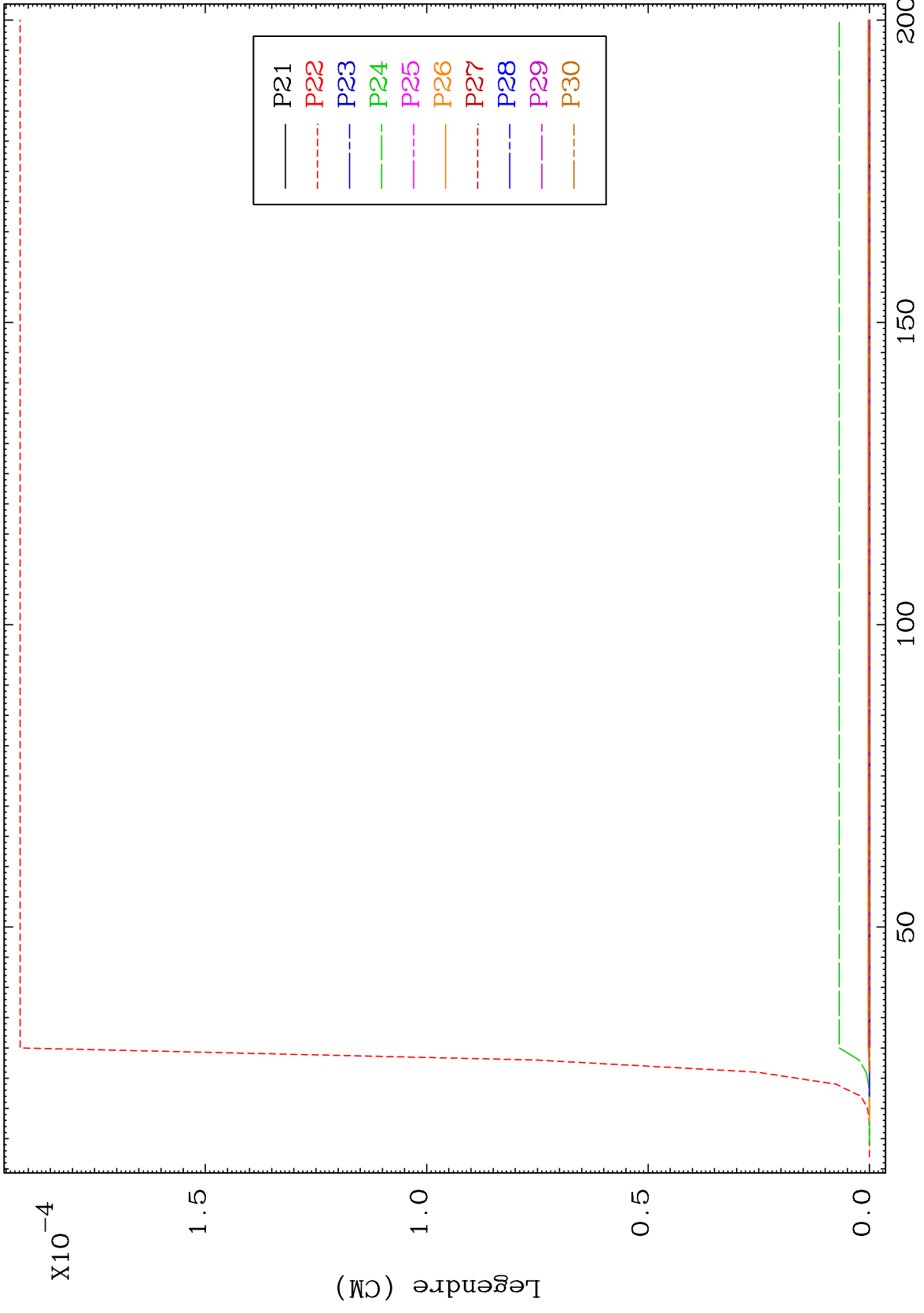


24

Incident Energy (MeV)

82-Pb-196

MAT 8201 MT= 52 (n,n') Level Legendre Coefficients 82-Pb-196

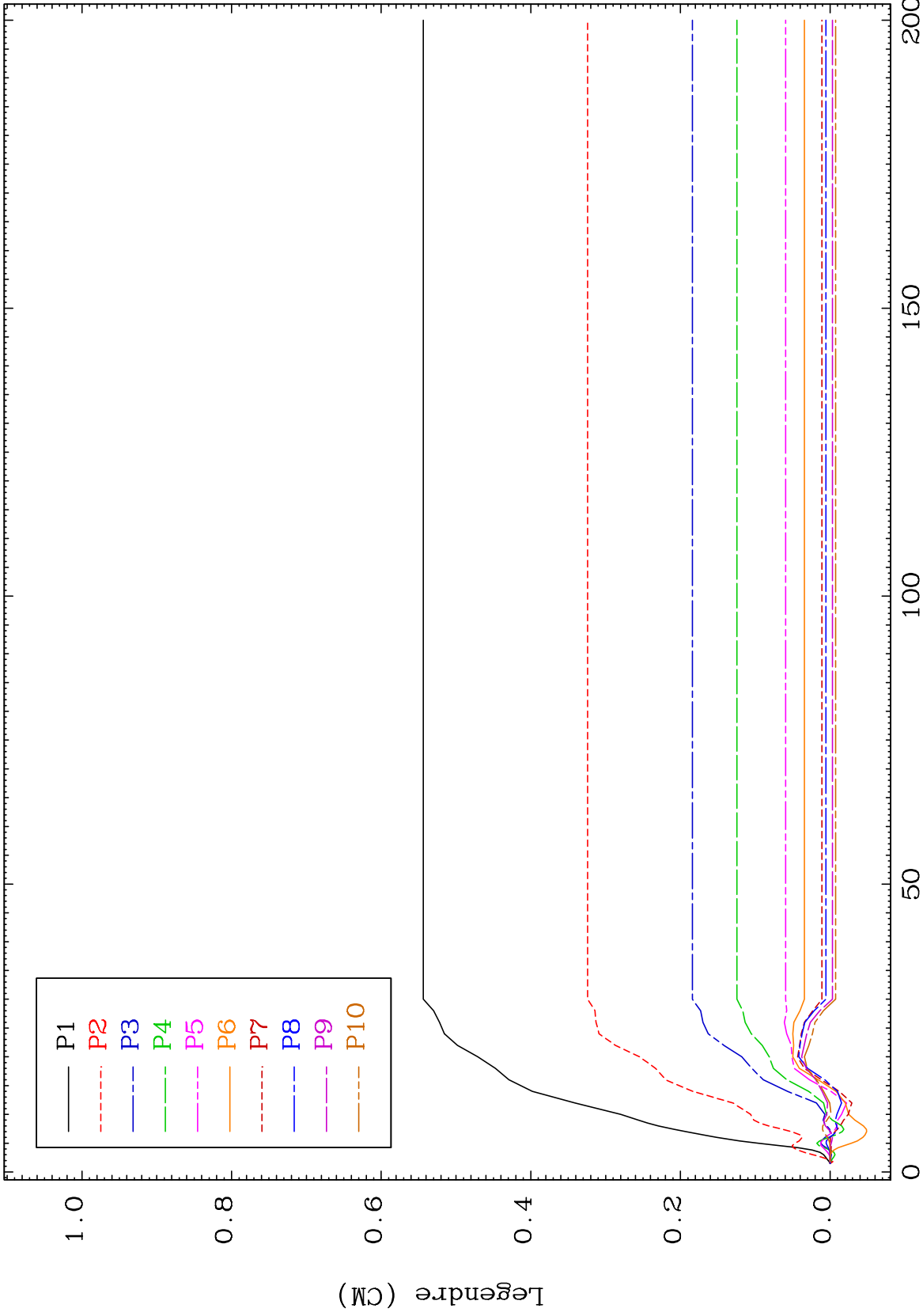


82-Pb-196

MAT 8201

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

82-Pb-196



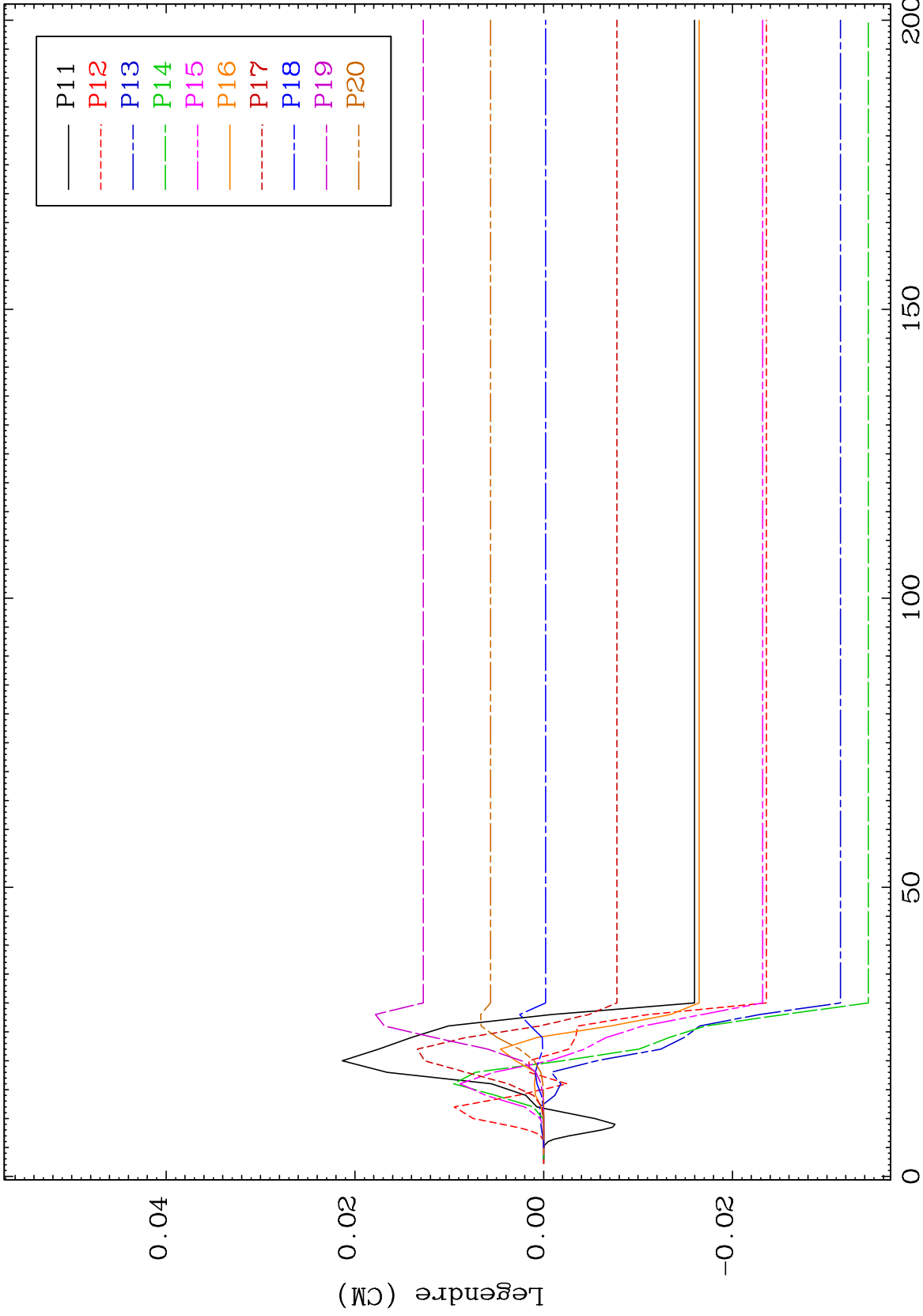
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82-Pb-196

MAT 8201

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

82-Pb-196



27

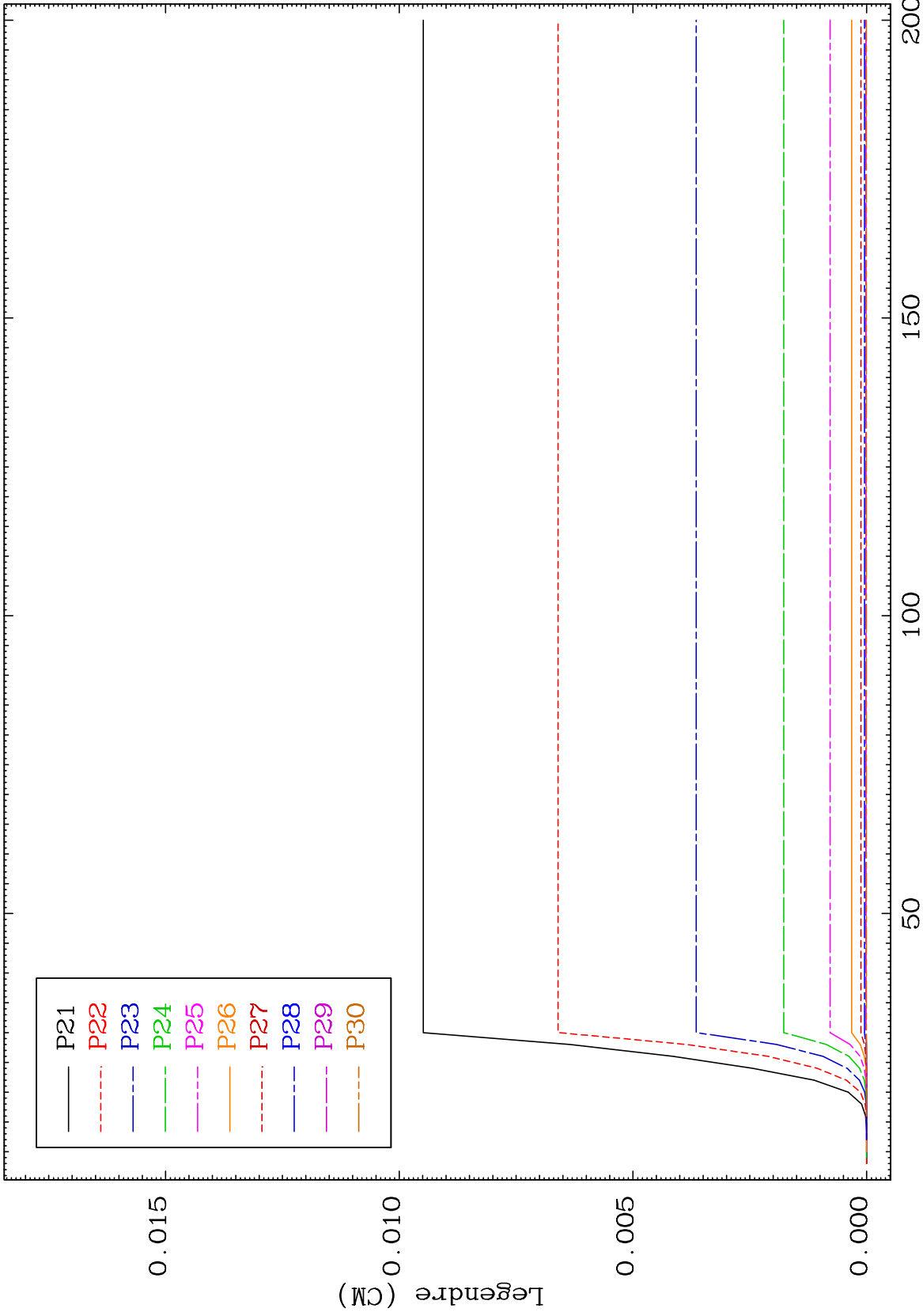
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



28

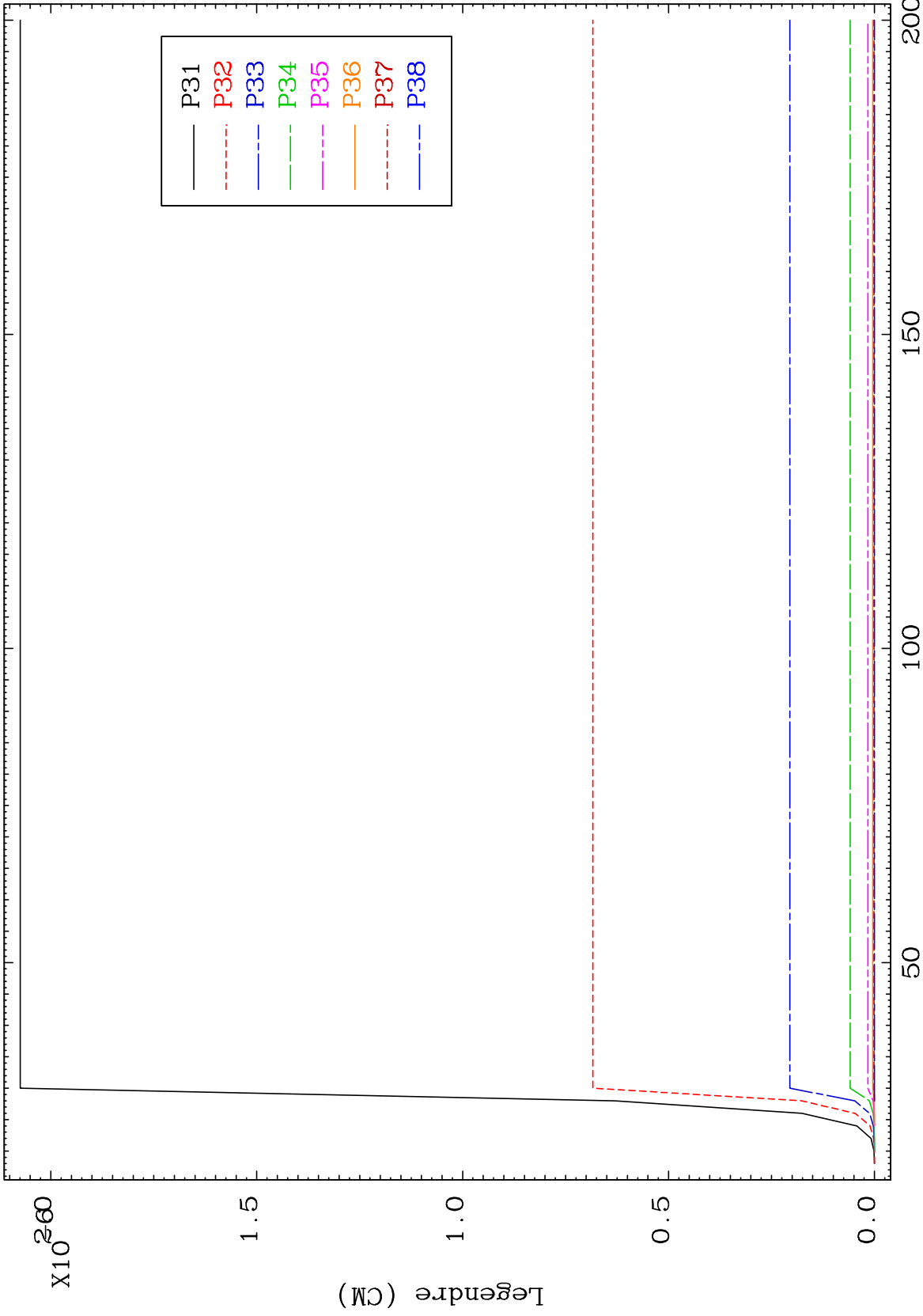
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196

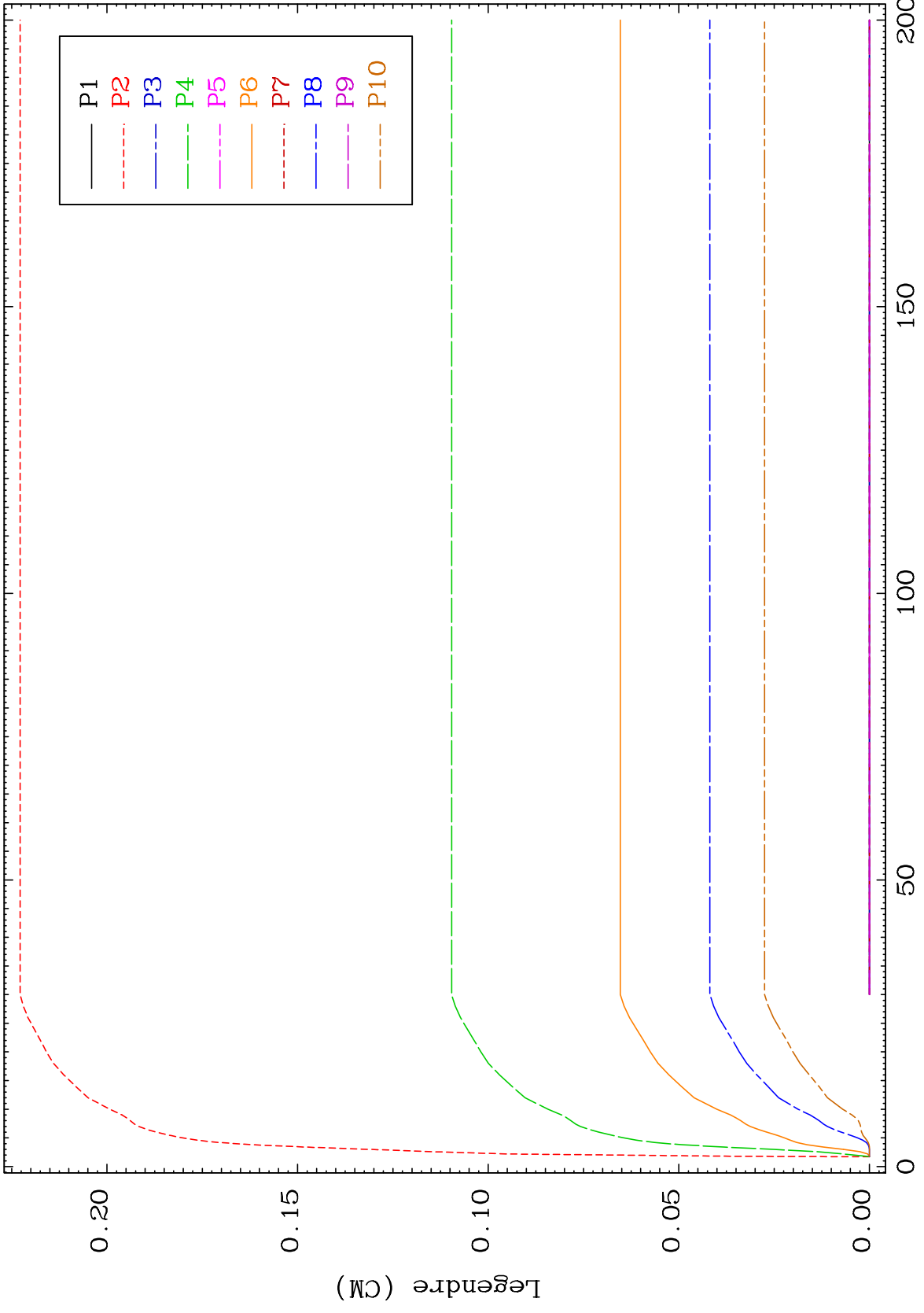


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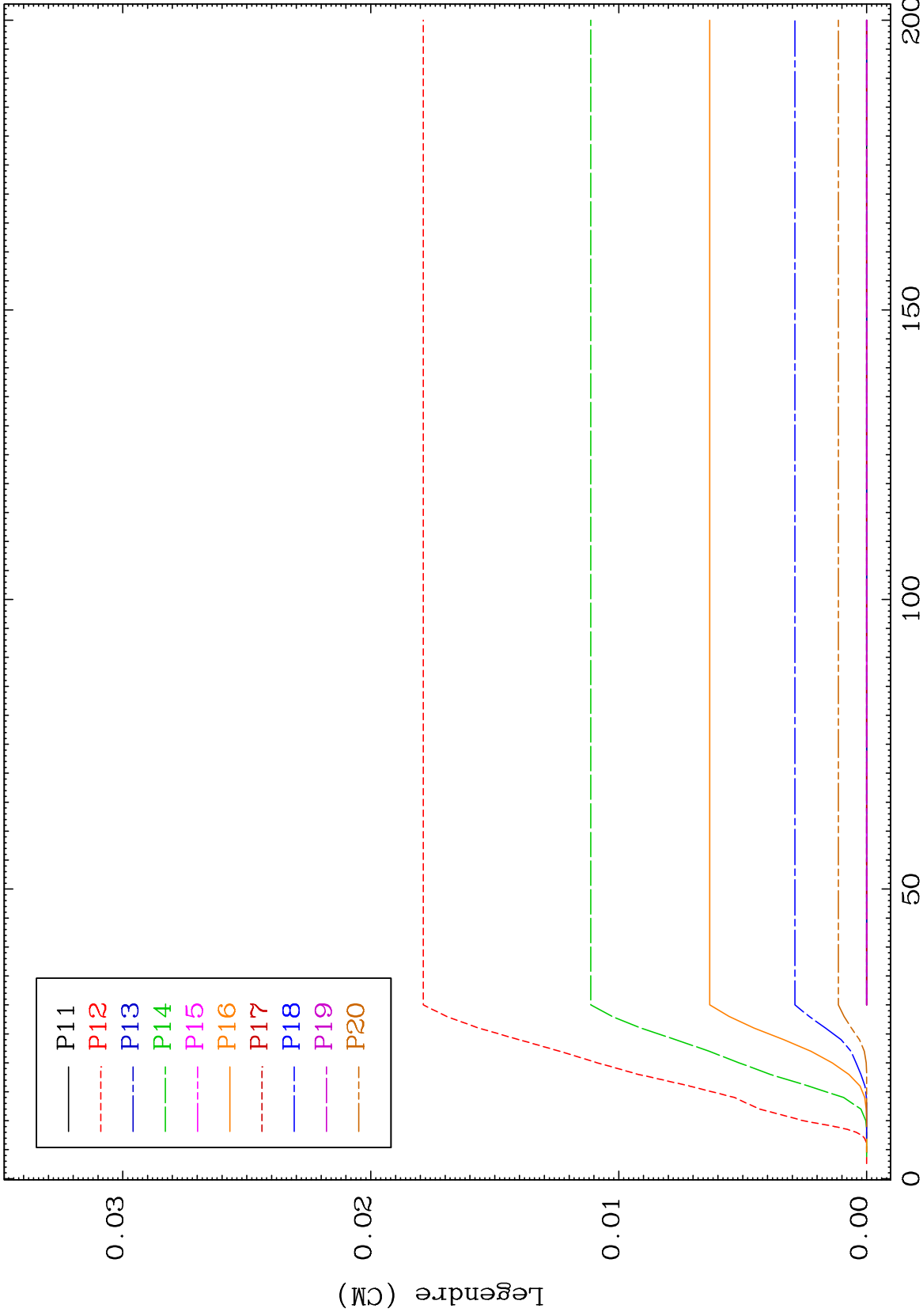
Incident Energy (MeV)

82-Pb-196

MAT 8201 MT= 54 (n,n') Level Legendre Coefficients 82-Pb-196



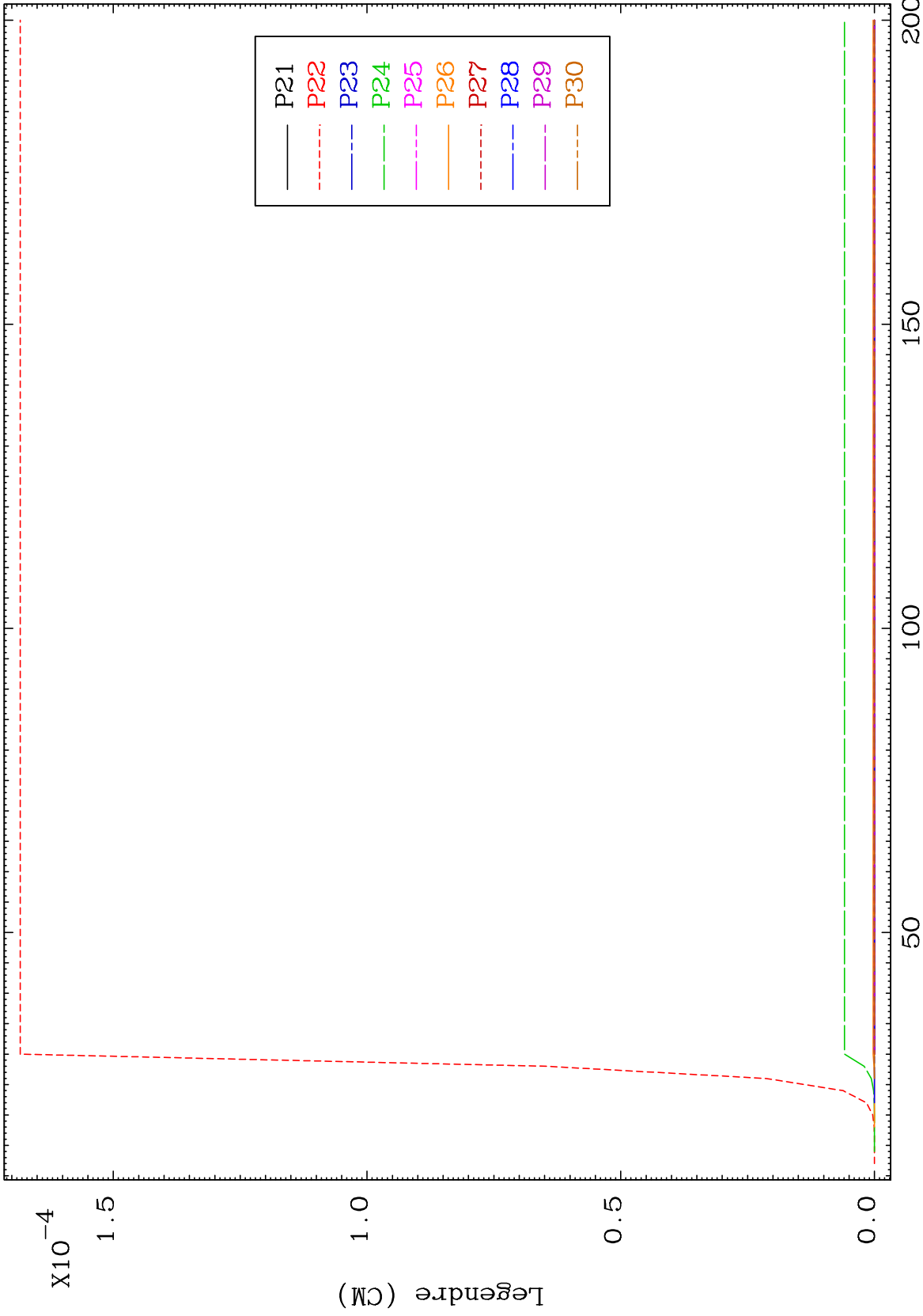
Incident Energy (MeV) 82-Pb-196



MAT 8201

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

82-Pb-196



82-Pb-196

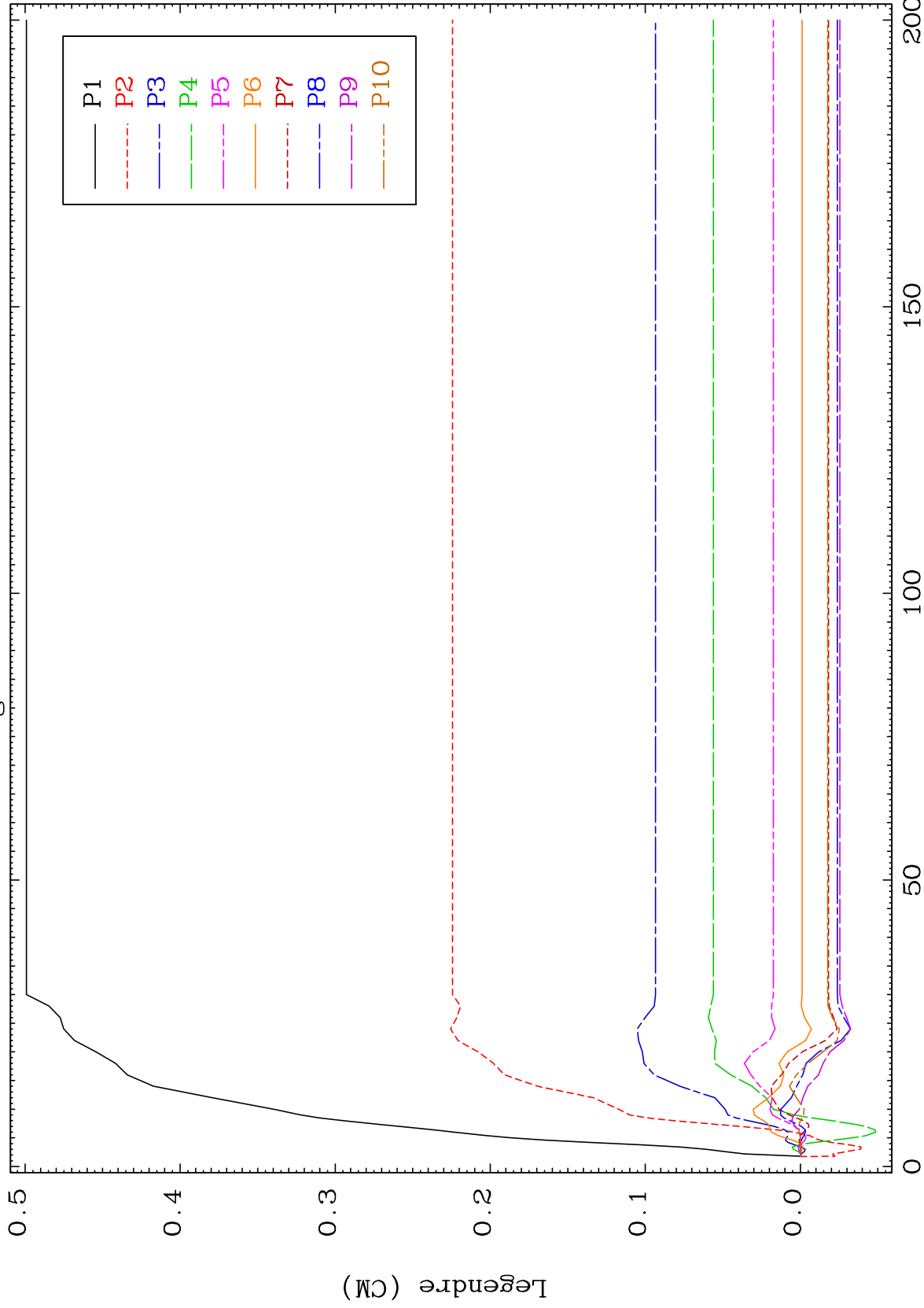
Incident Energy (MeV)

32

MAT 8201

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

82-Pb-196



33

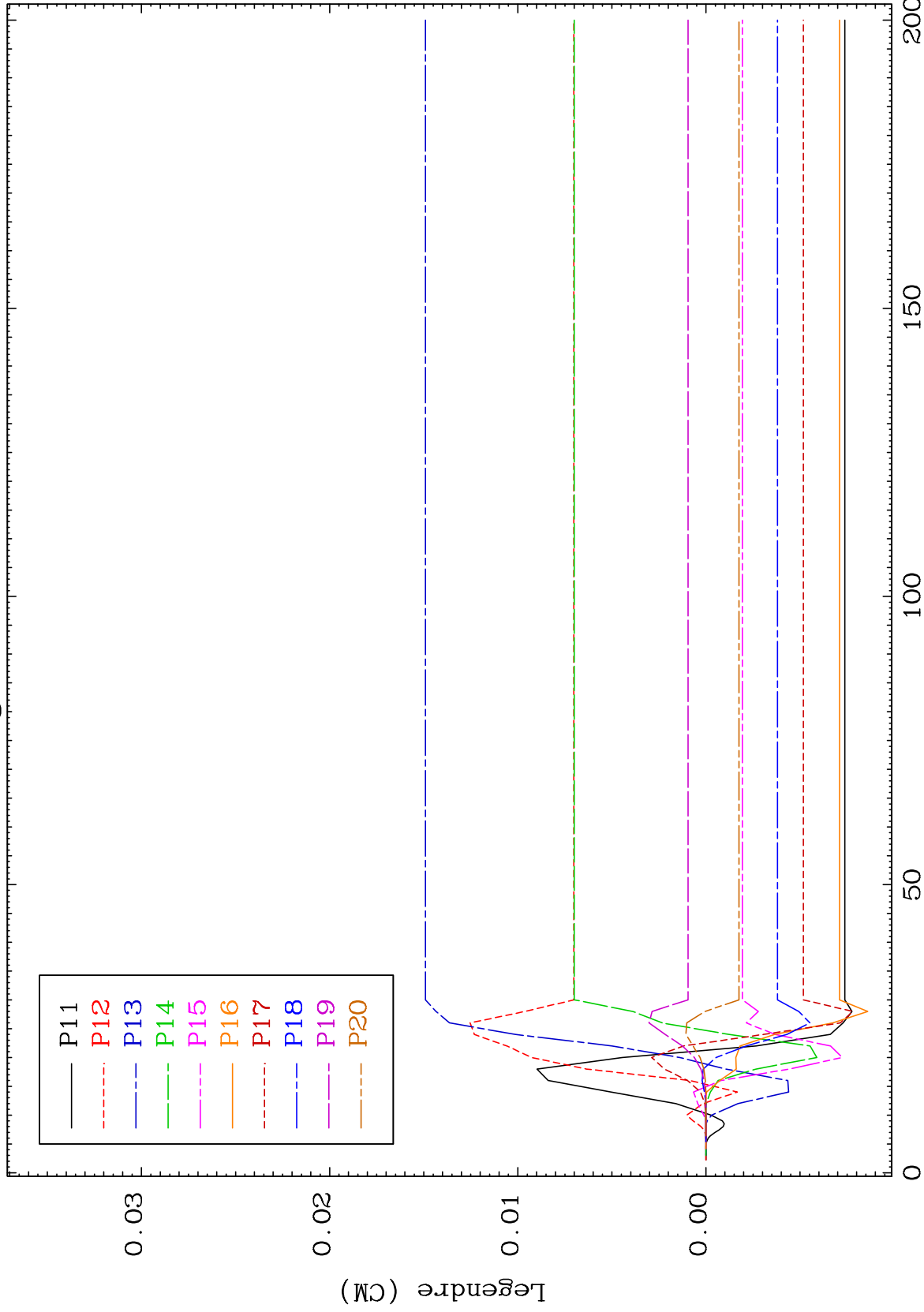
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

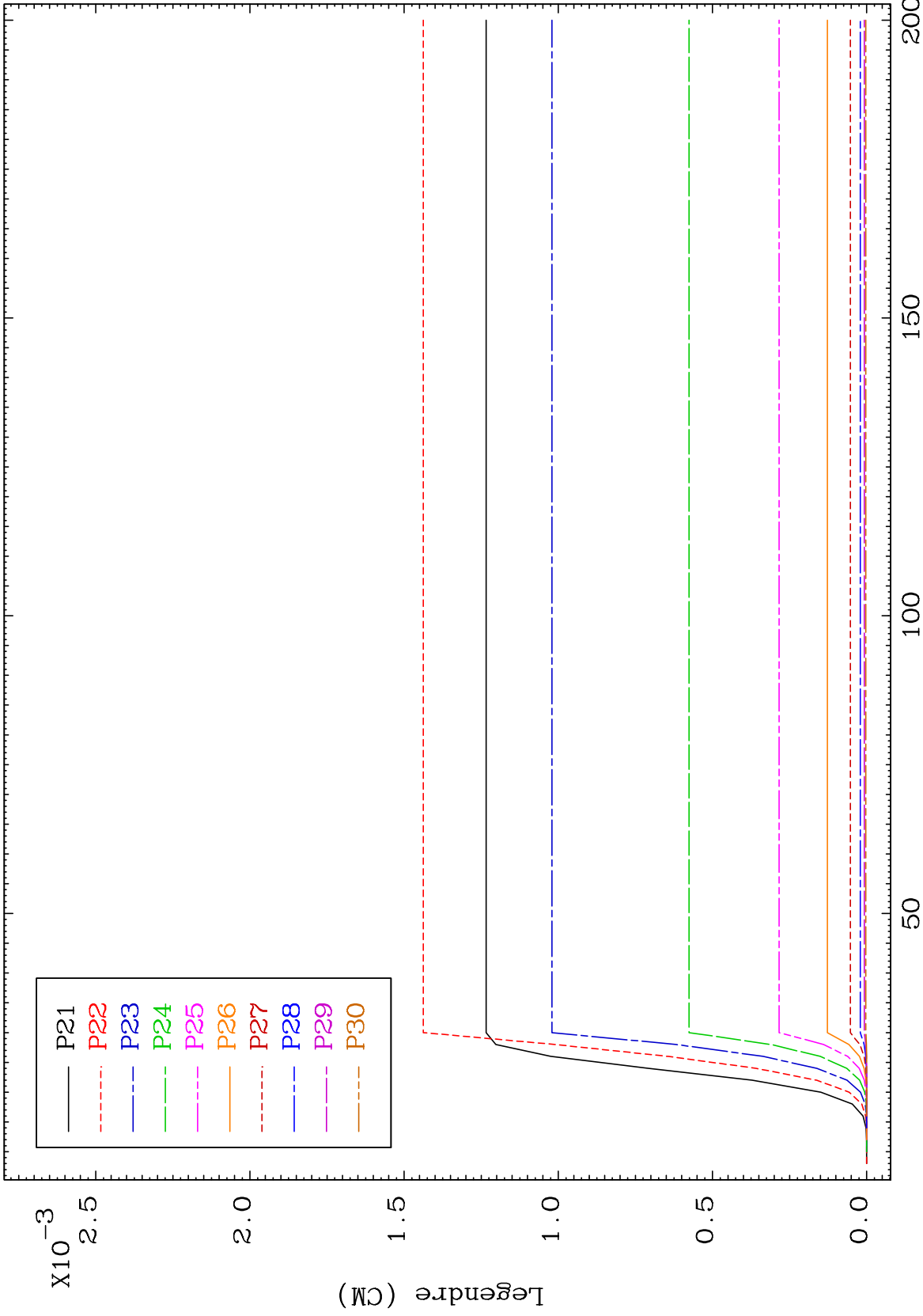
82-Pb-196



MAT 8201

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

82-Pb-196



35

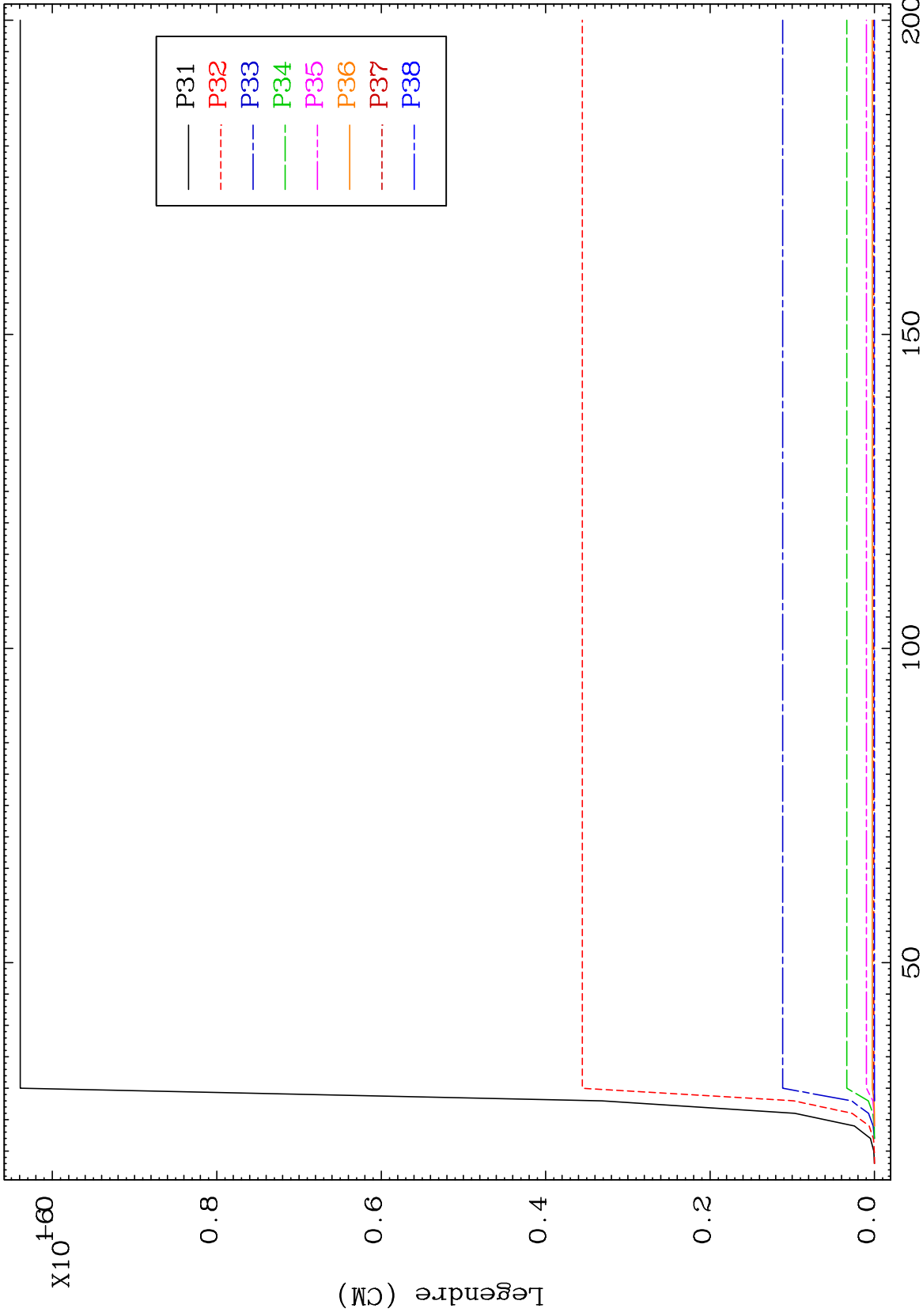
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



36

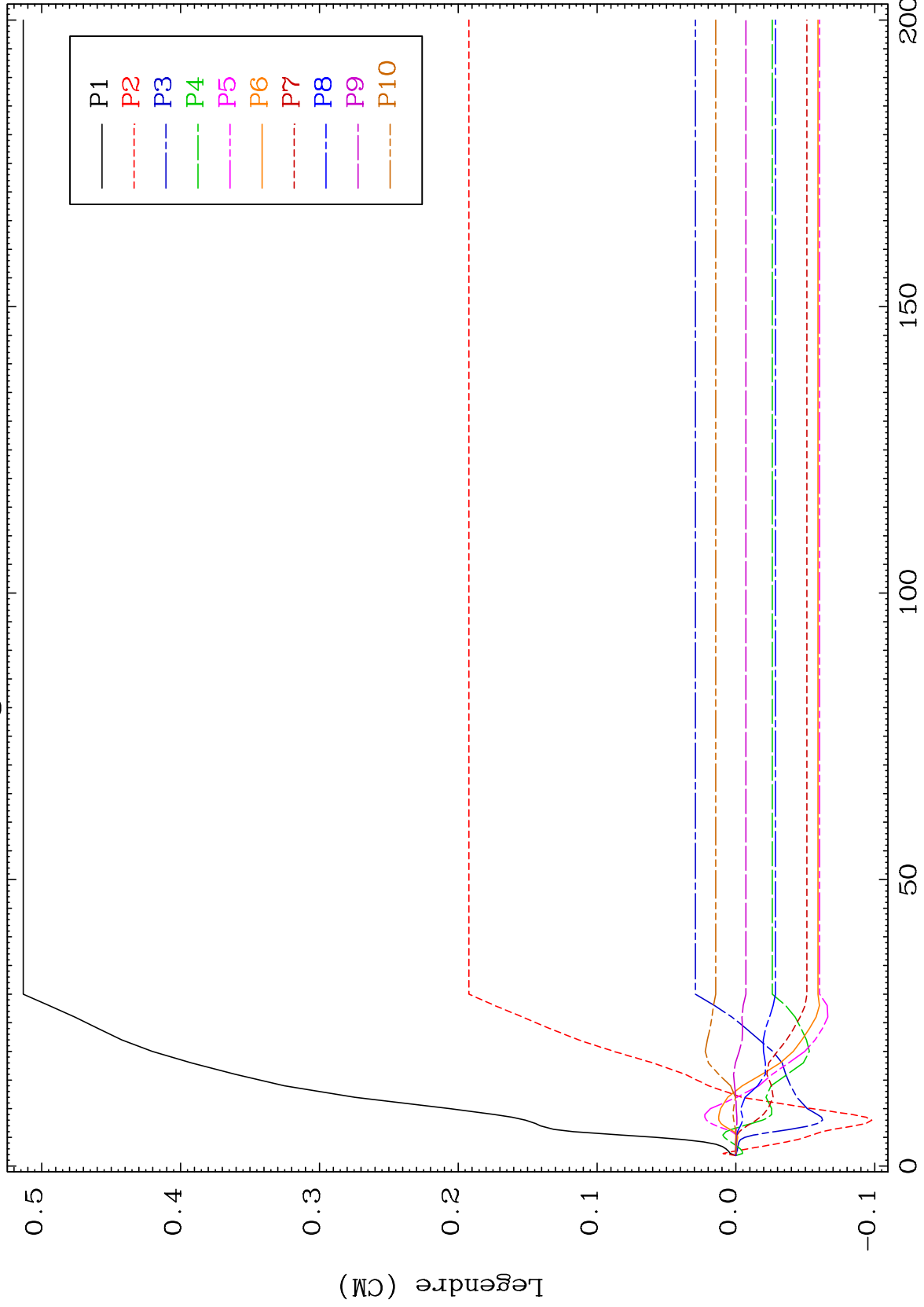
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



37

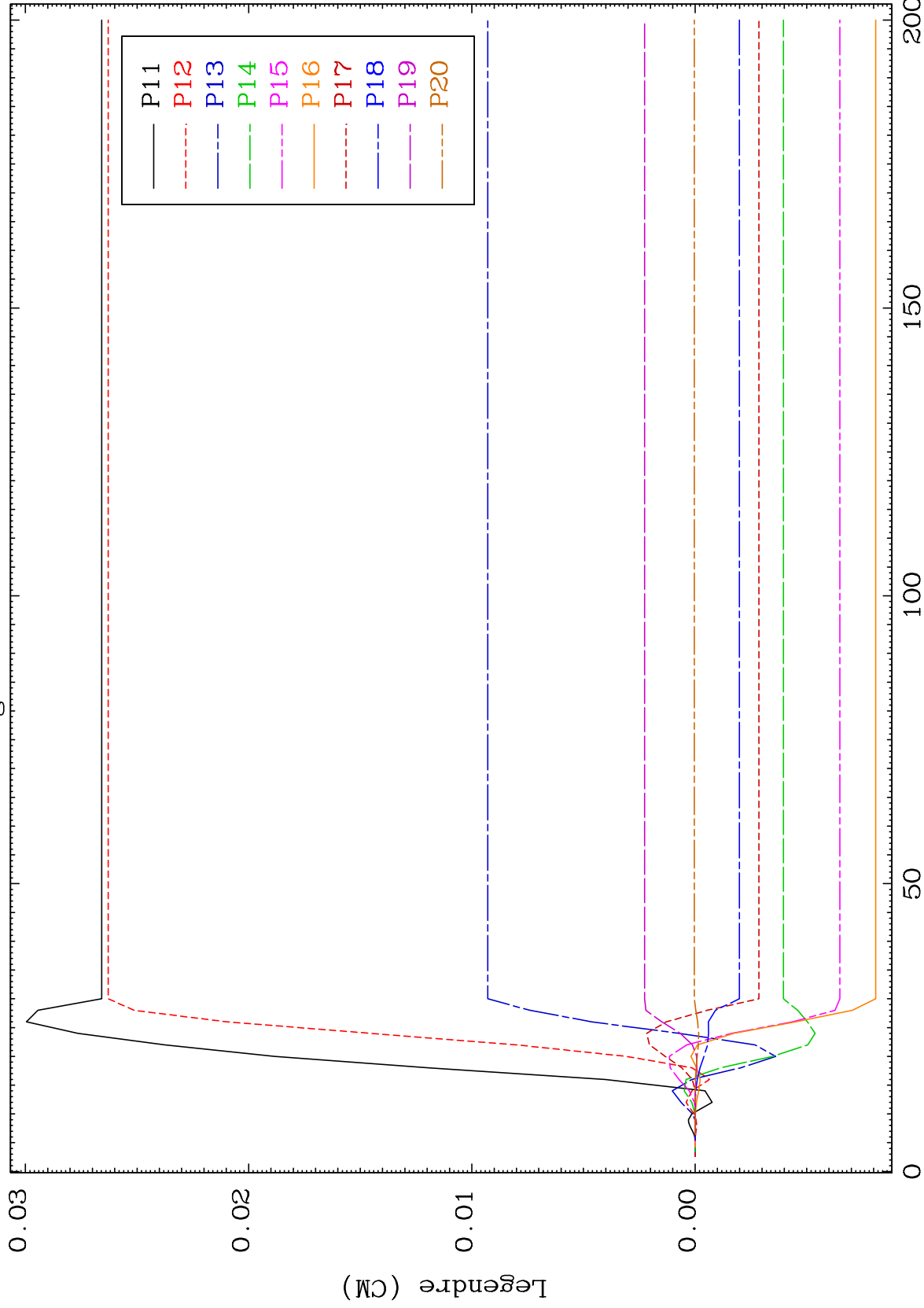
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



38

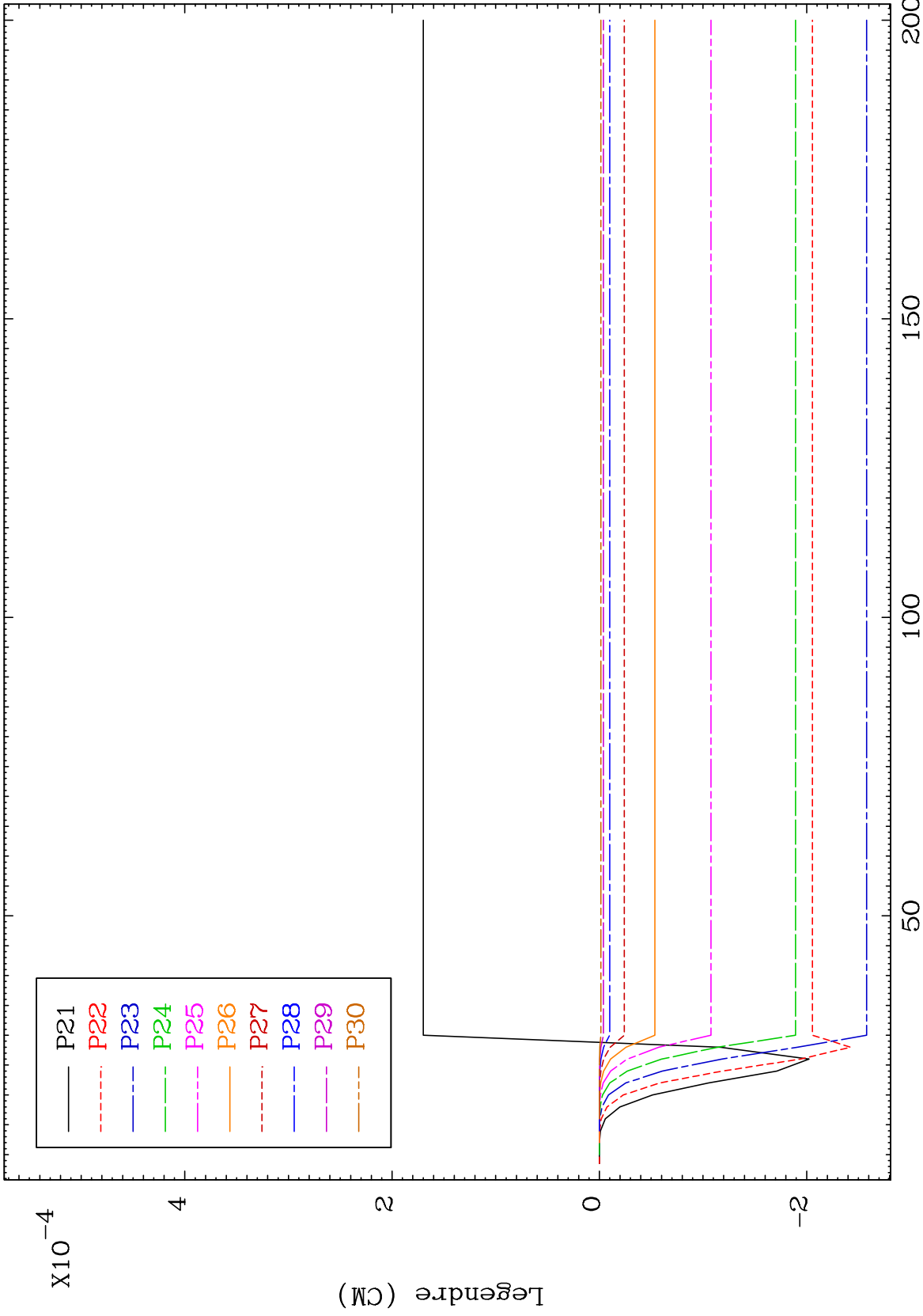
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

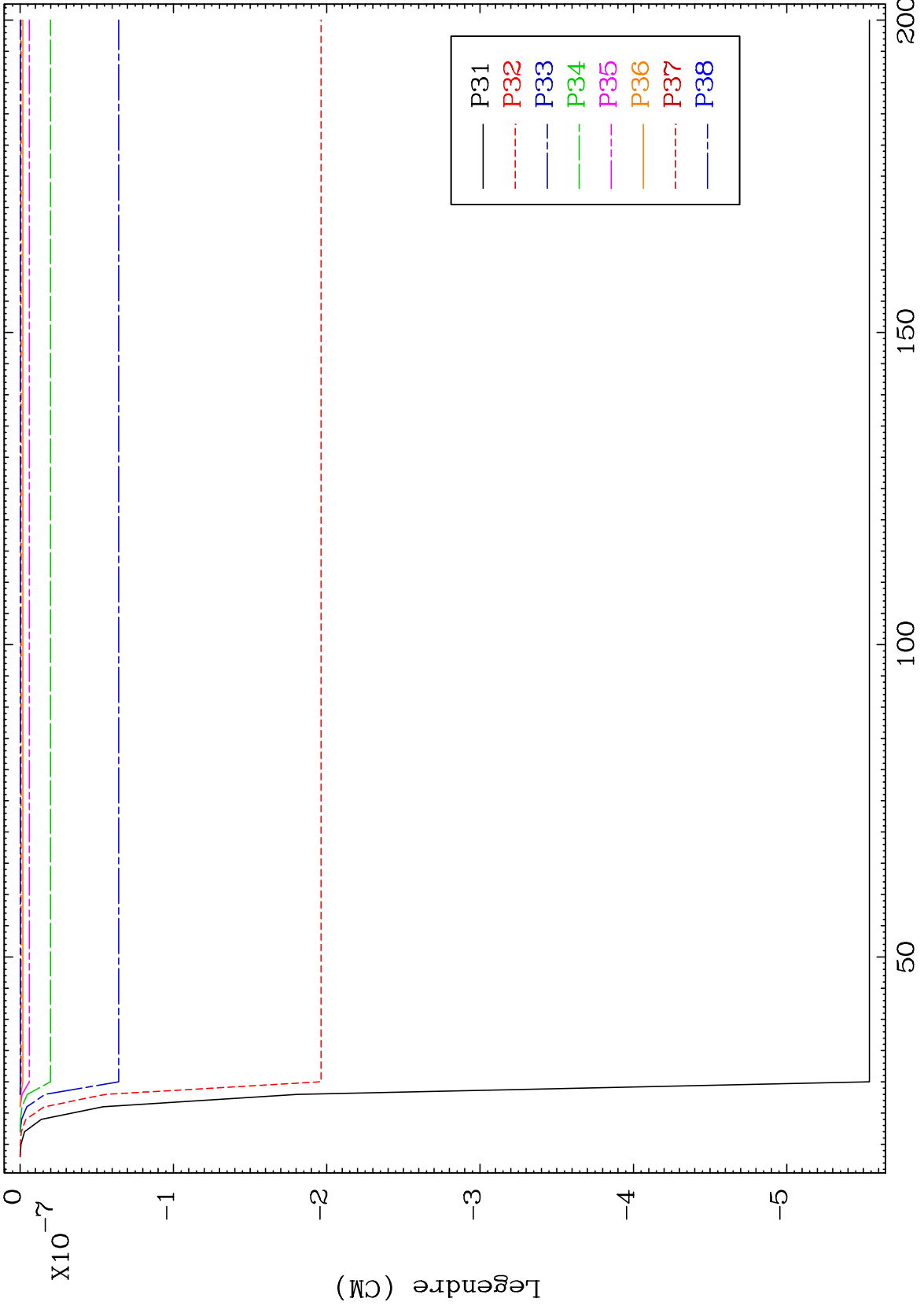
82-Pb-196



39

82-Pb-196

MAT 8201 MT= 56 (n,n') Level Legendre Coefficients 82-Pb-196

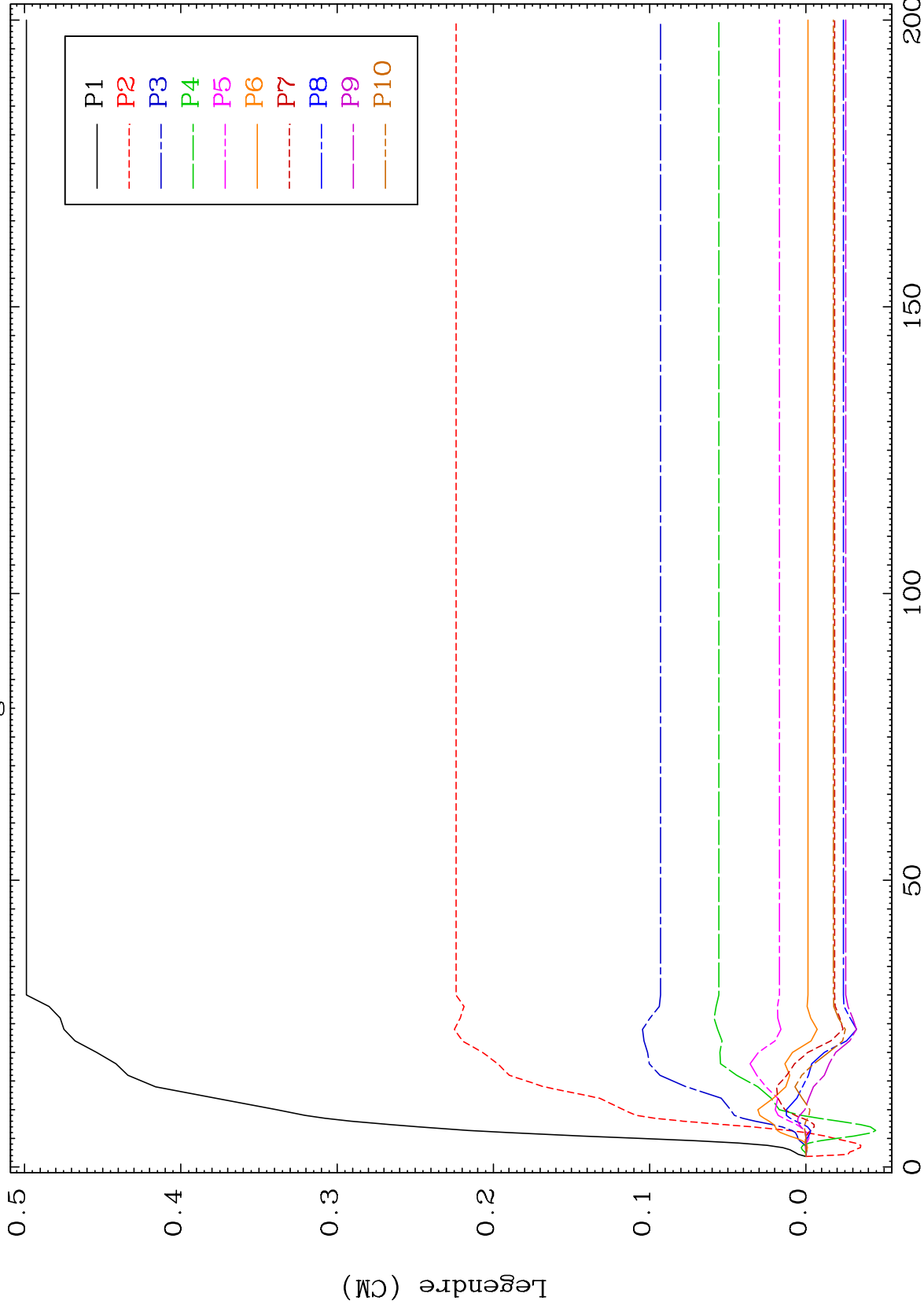


82-Pb-196

MAT 8201

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

82-Pb-196



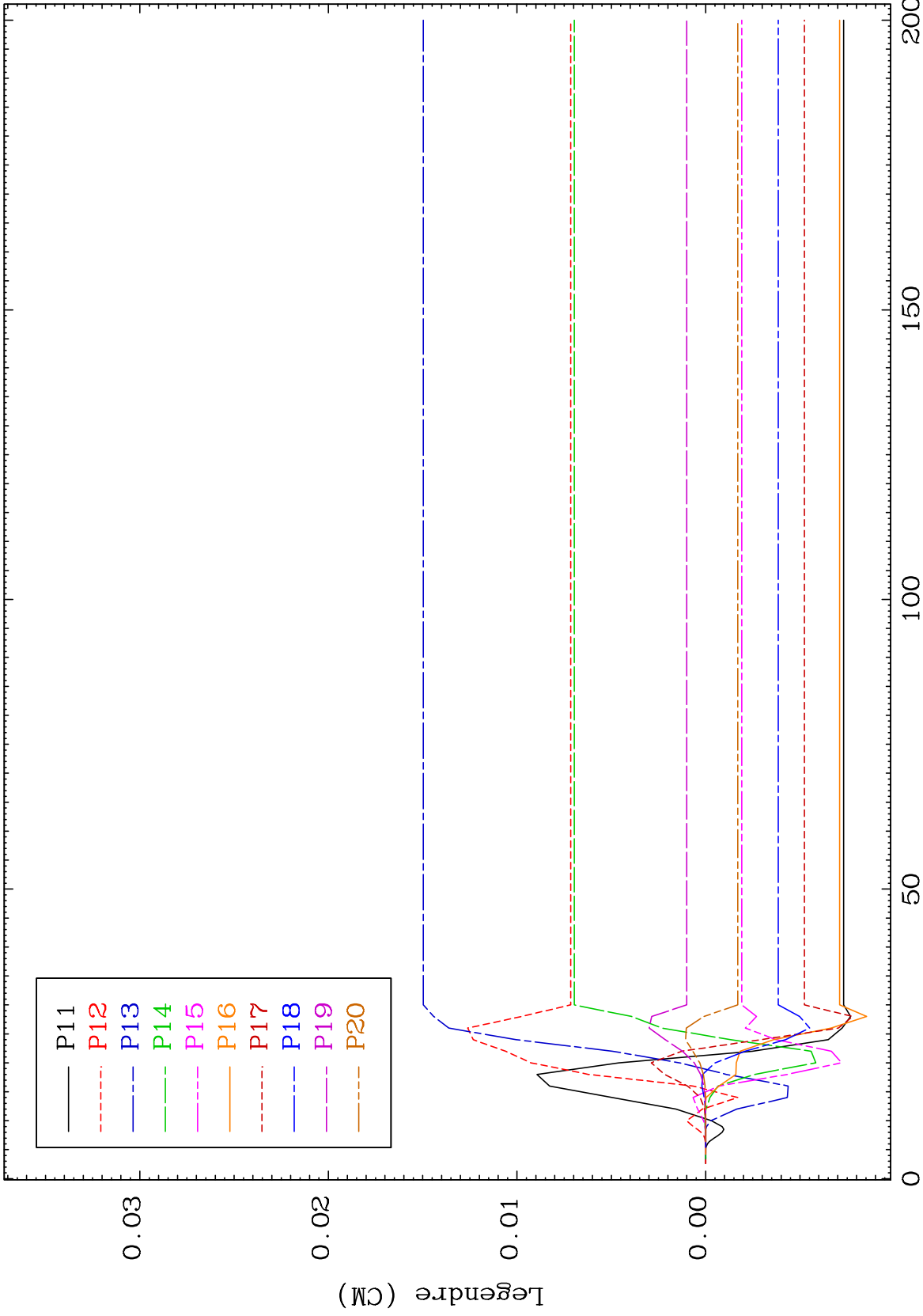
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82-Pb-196

MAT 8201

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

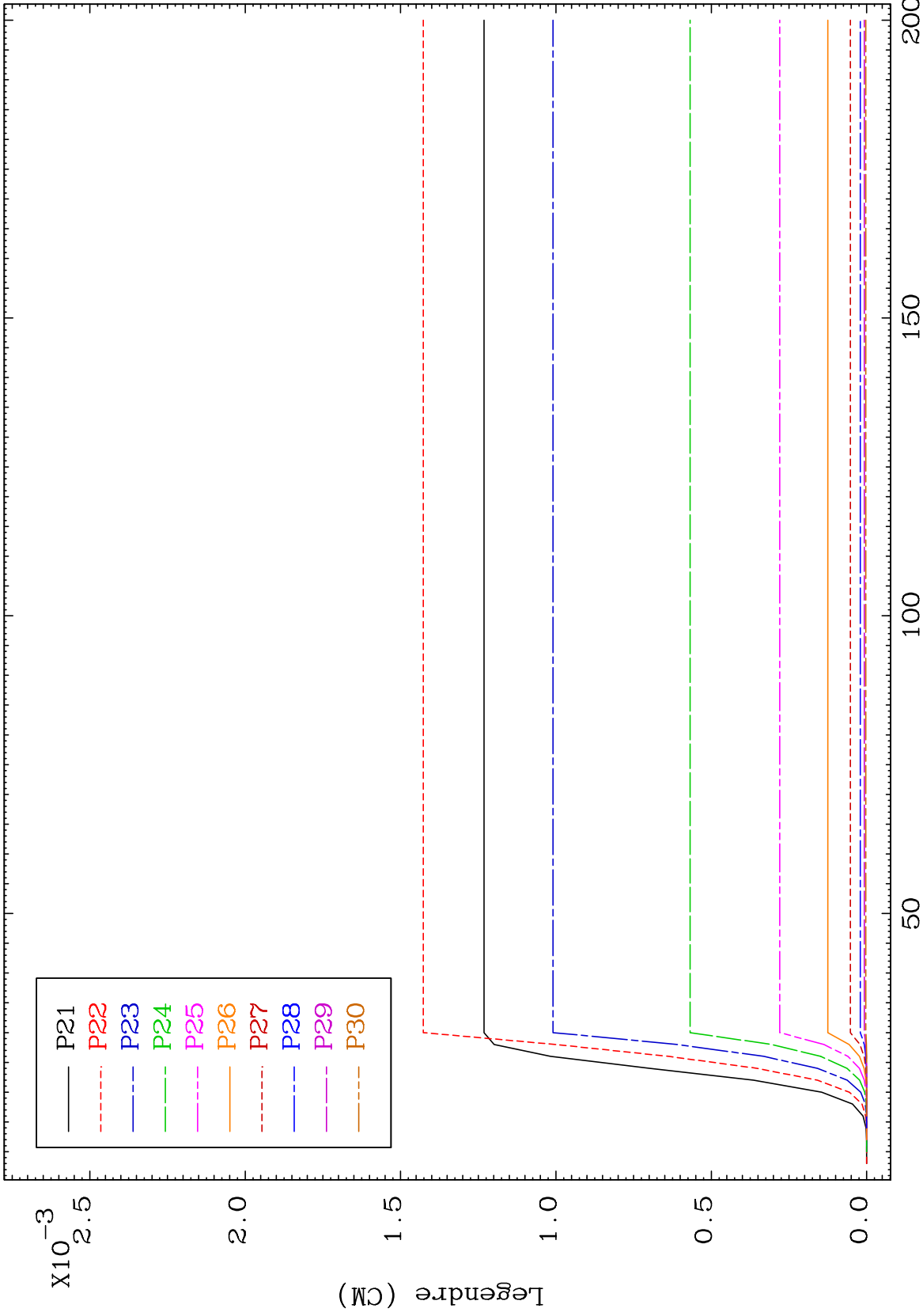
82-Pb-196



42

Incident Energy (MeV)

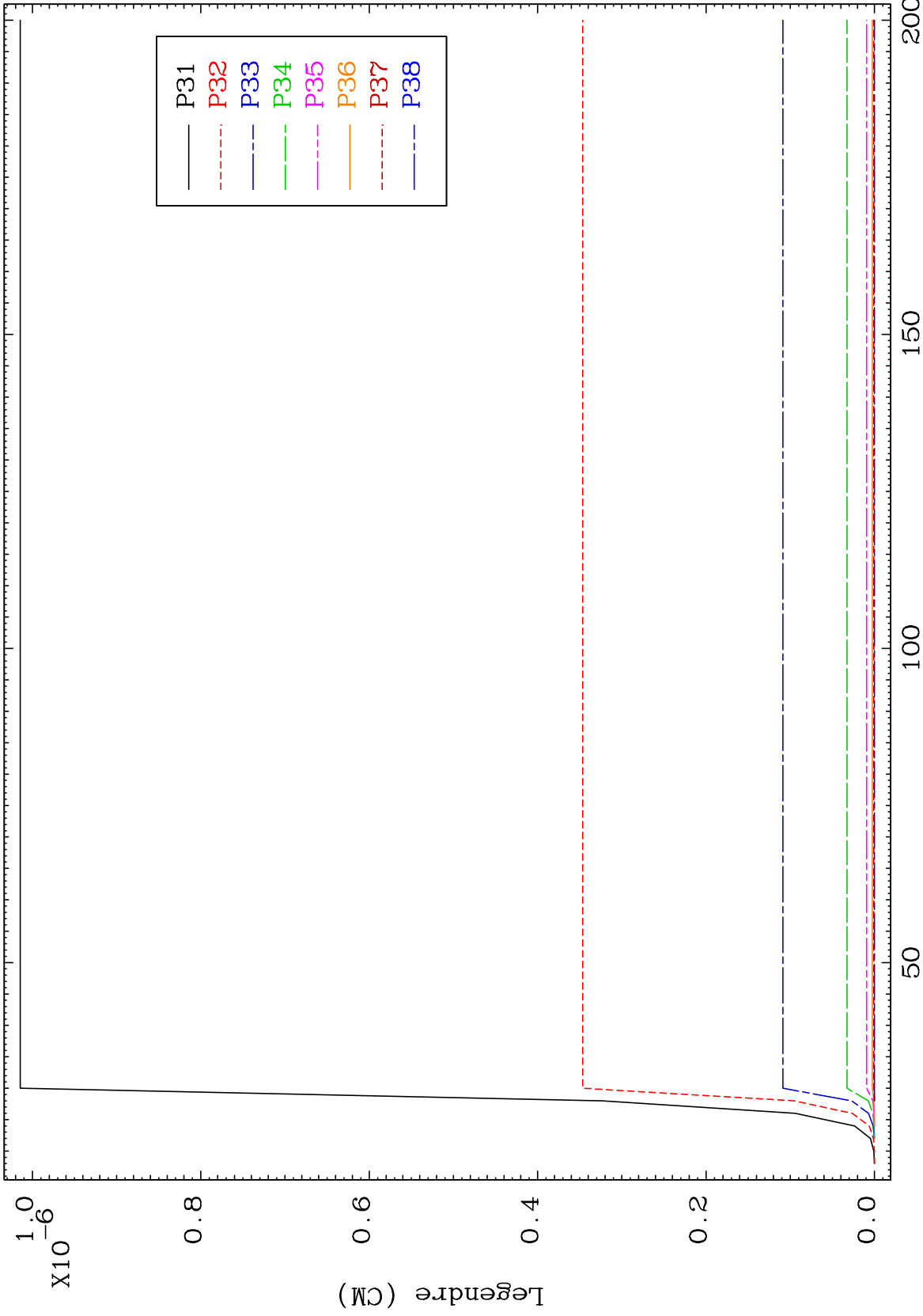
82-Pb-196



MAT 8201

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

82-Pb-196



44

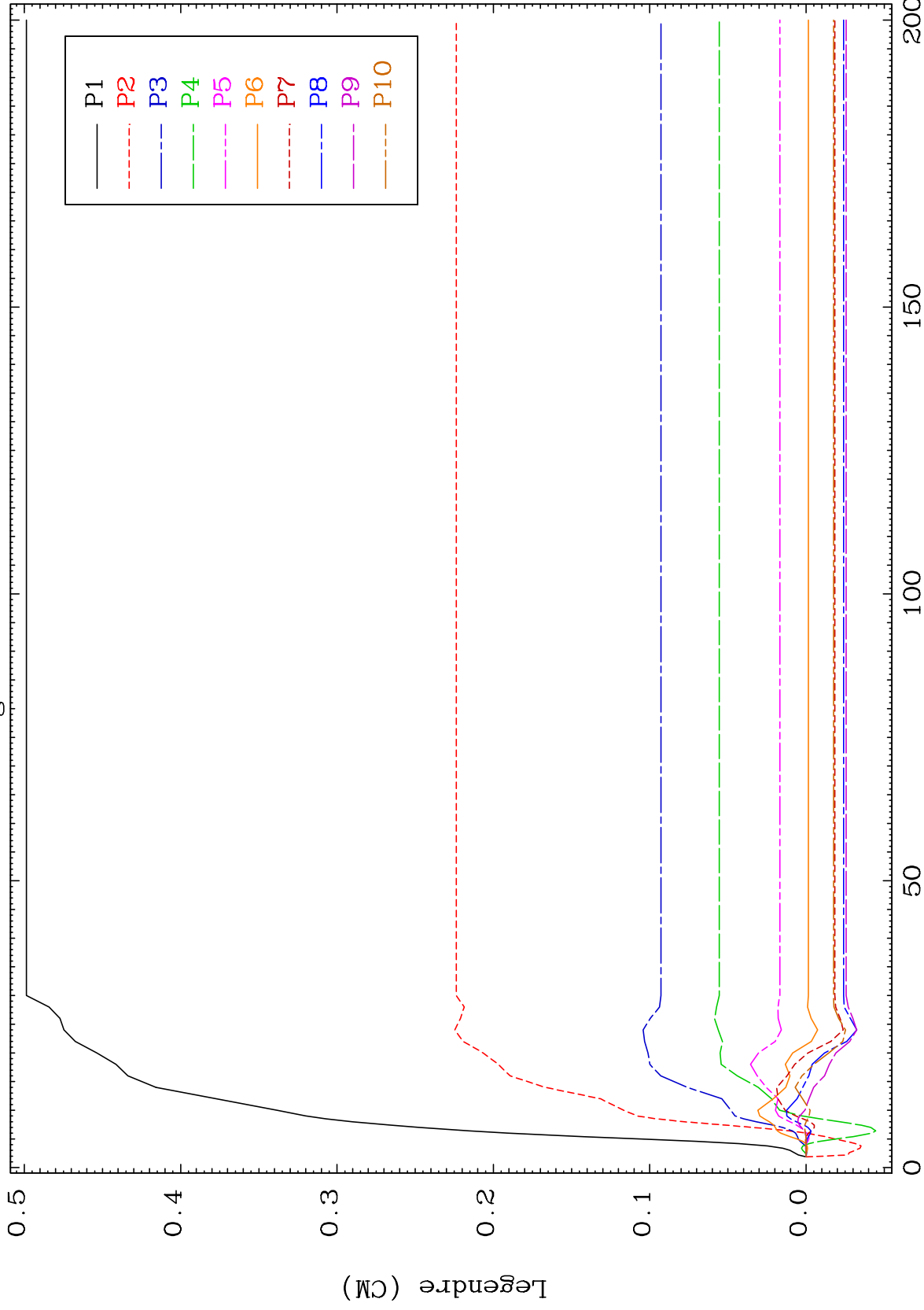
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



45

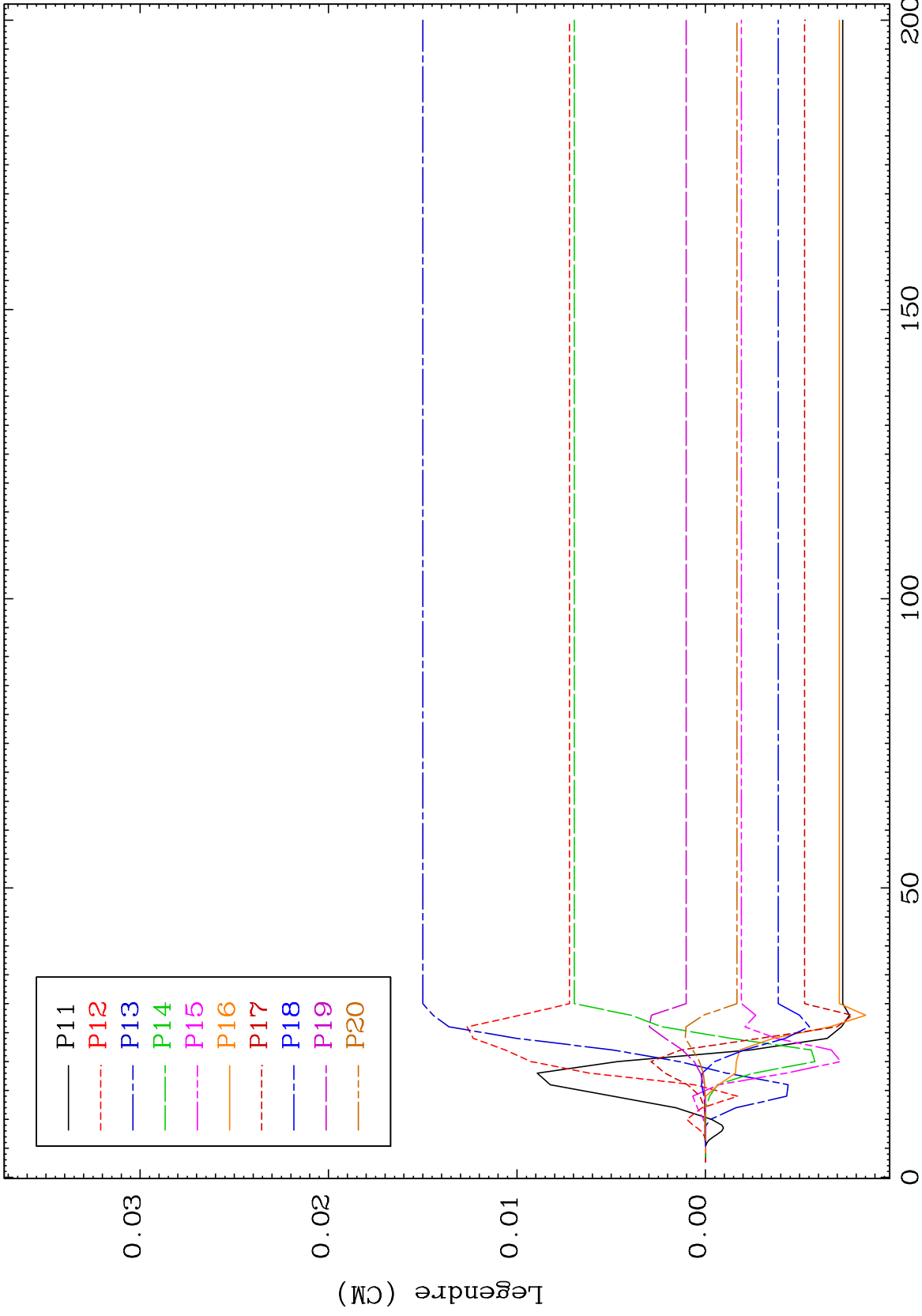
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



46

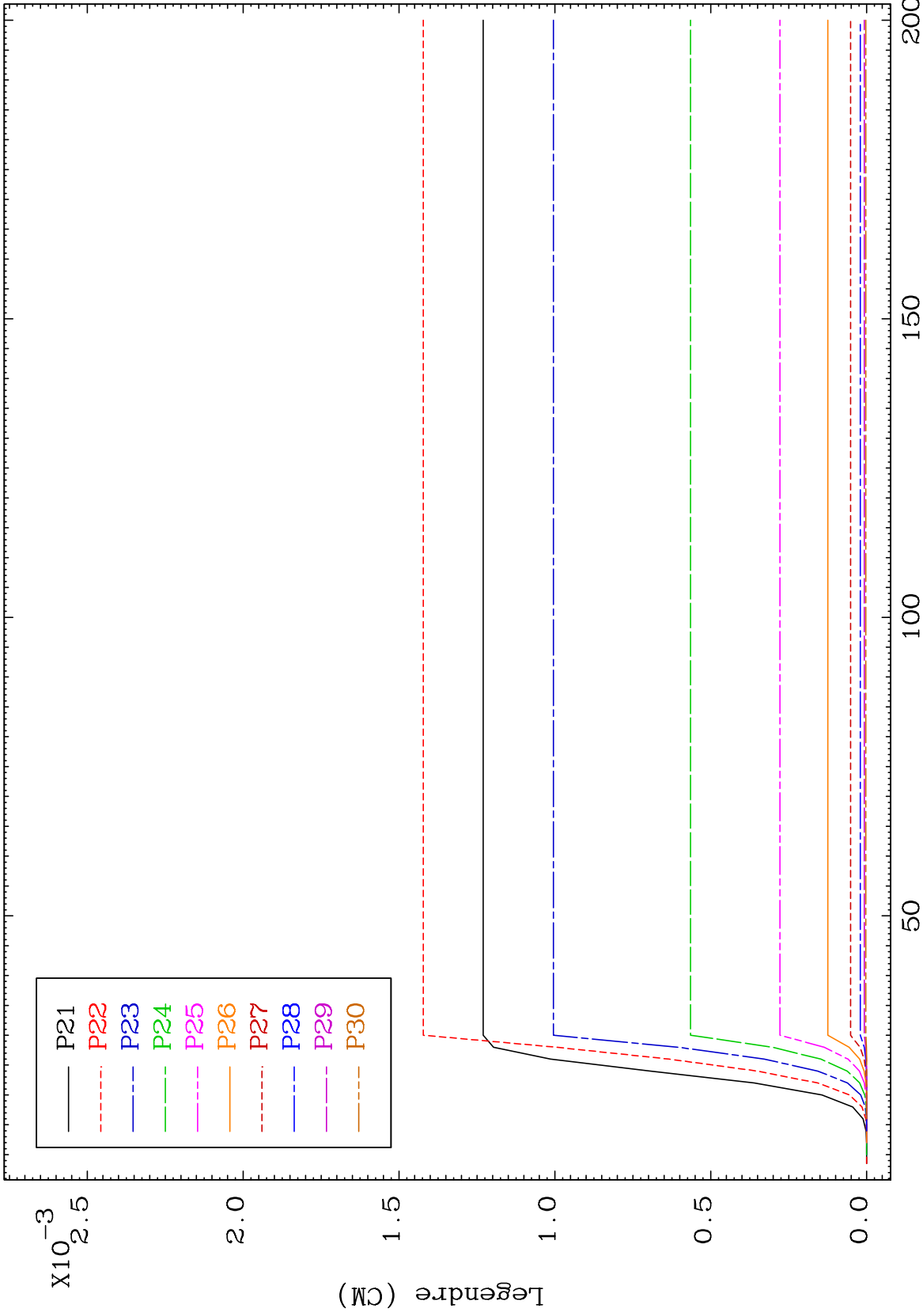
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

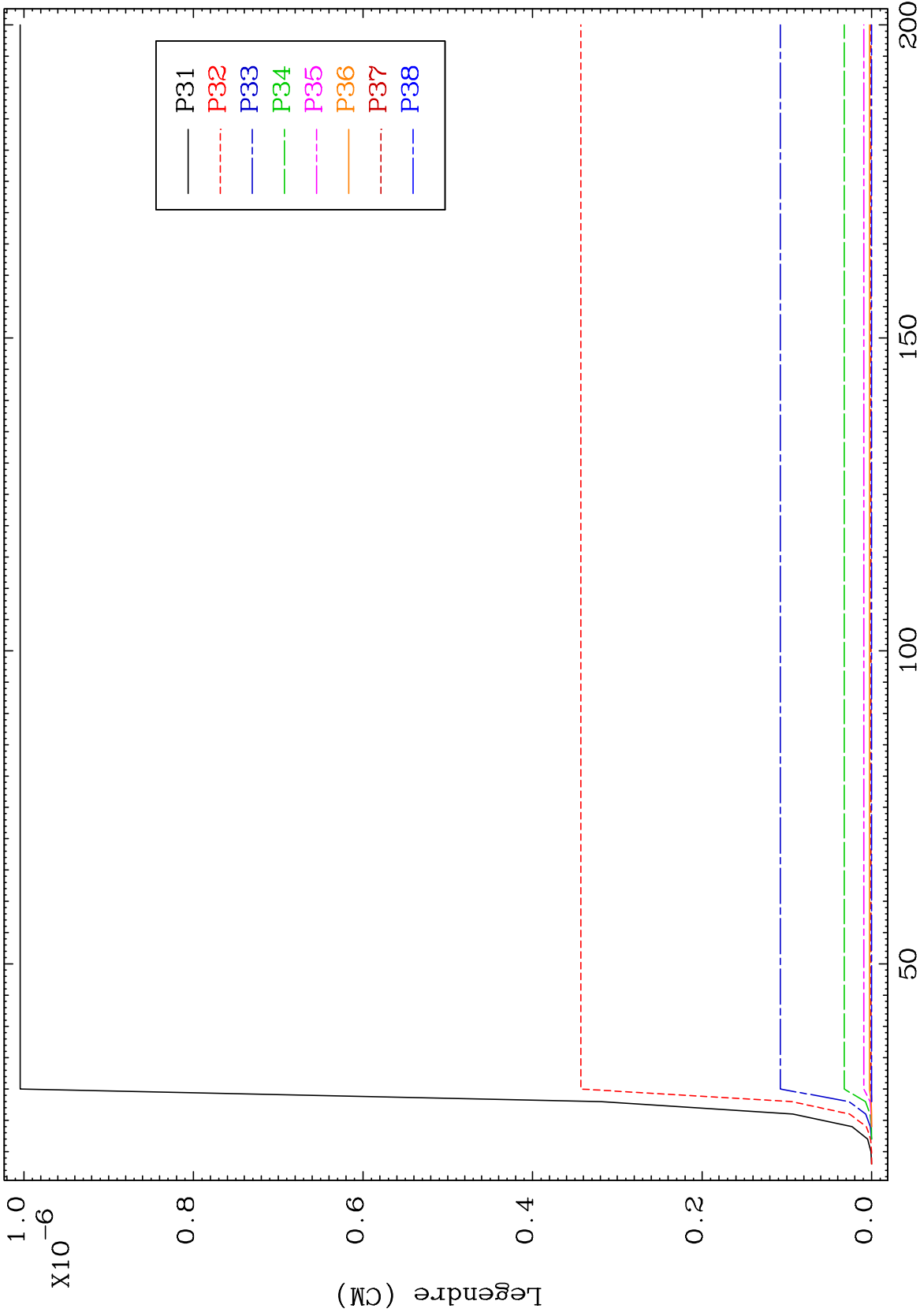
82-Pb-196



MAT 8201

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

82-Pb-196



48

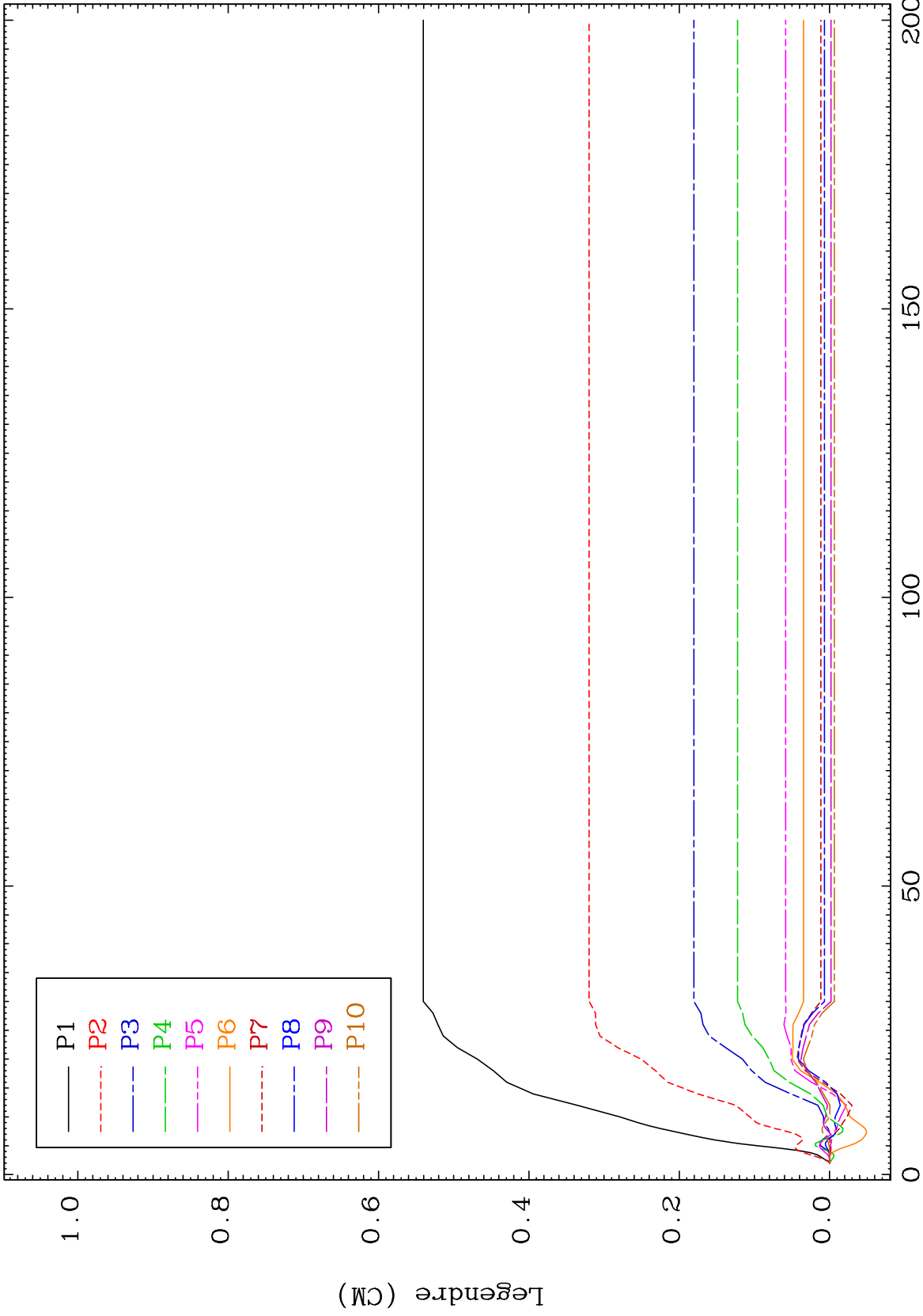
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



49

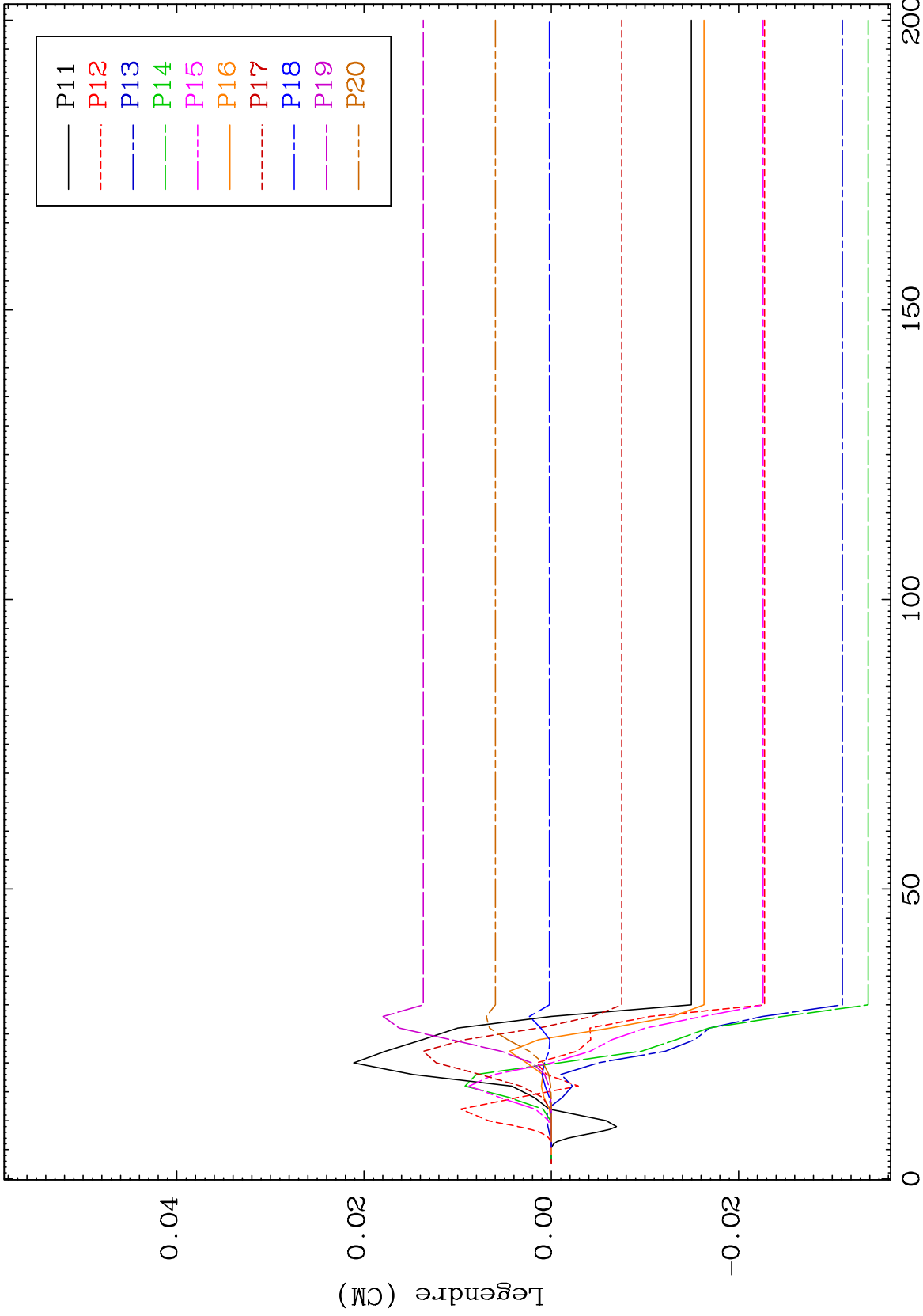
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



50

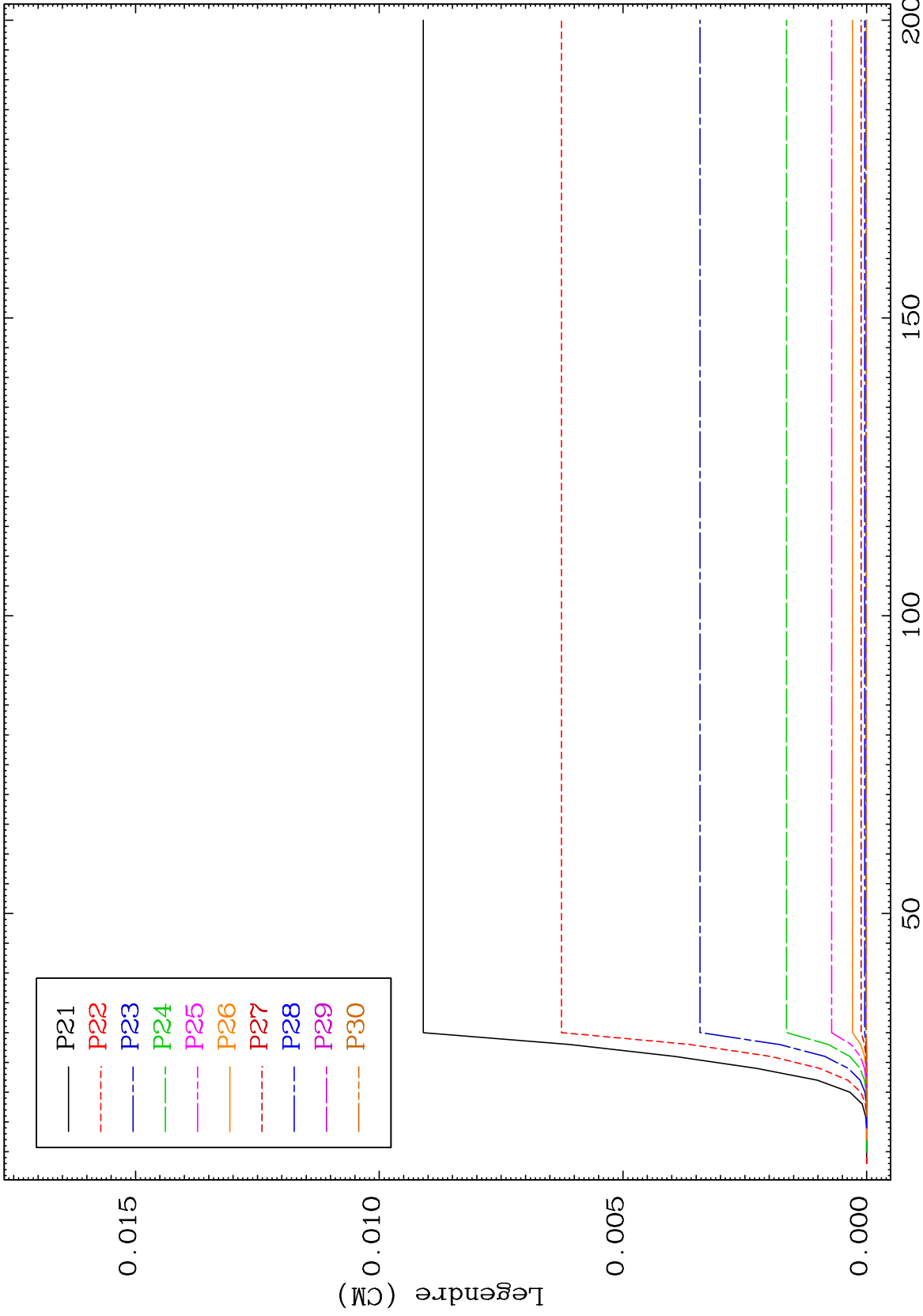
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

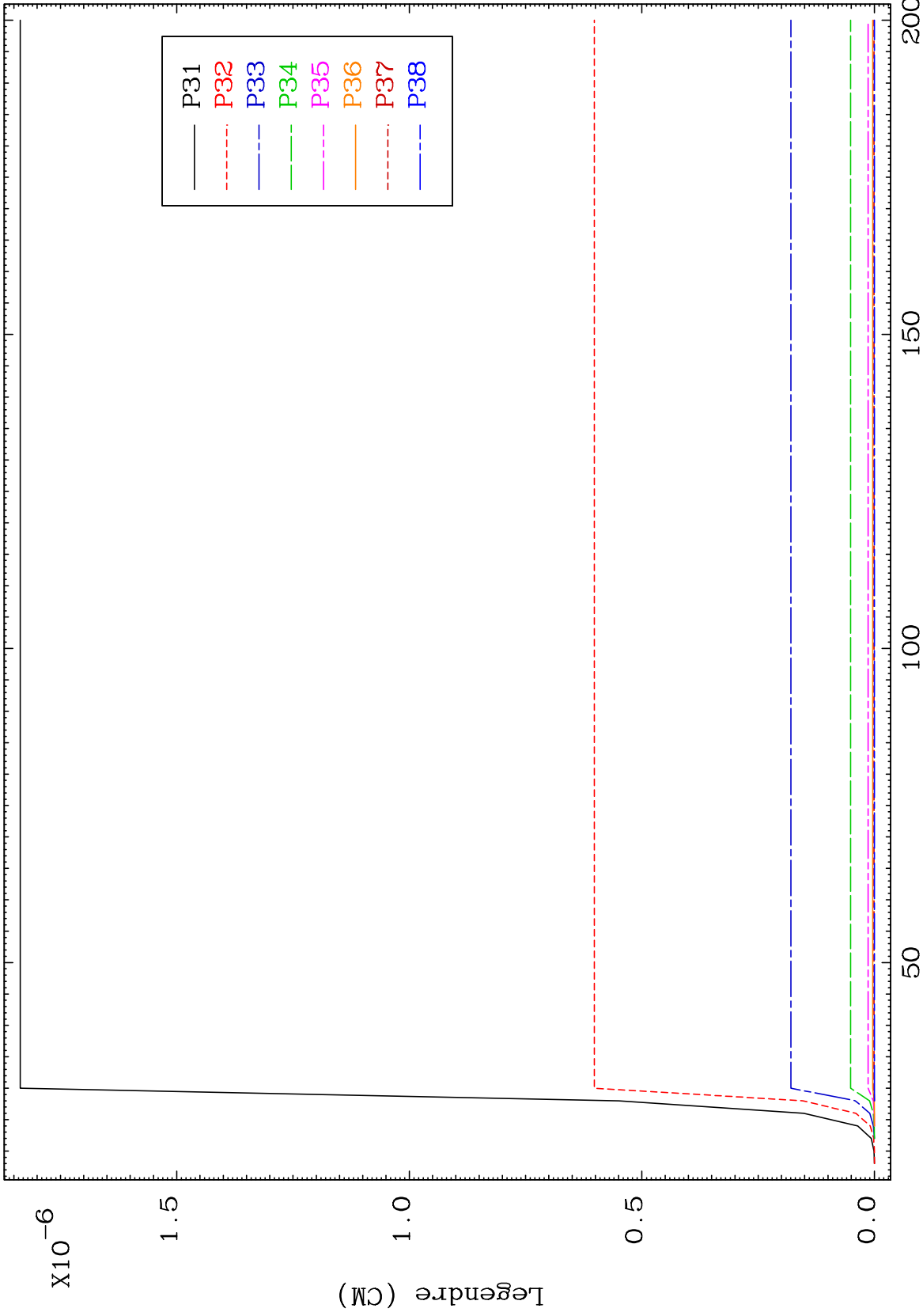
82-Pb-196



MAT 8201

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

82-Pb-196



52

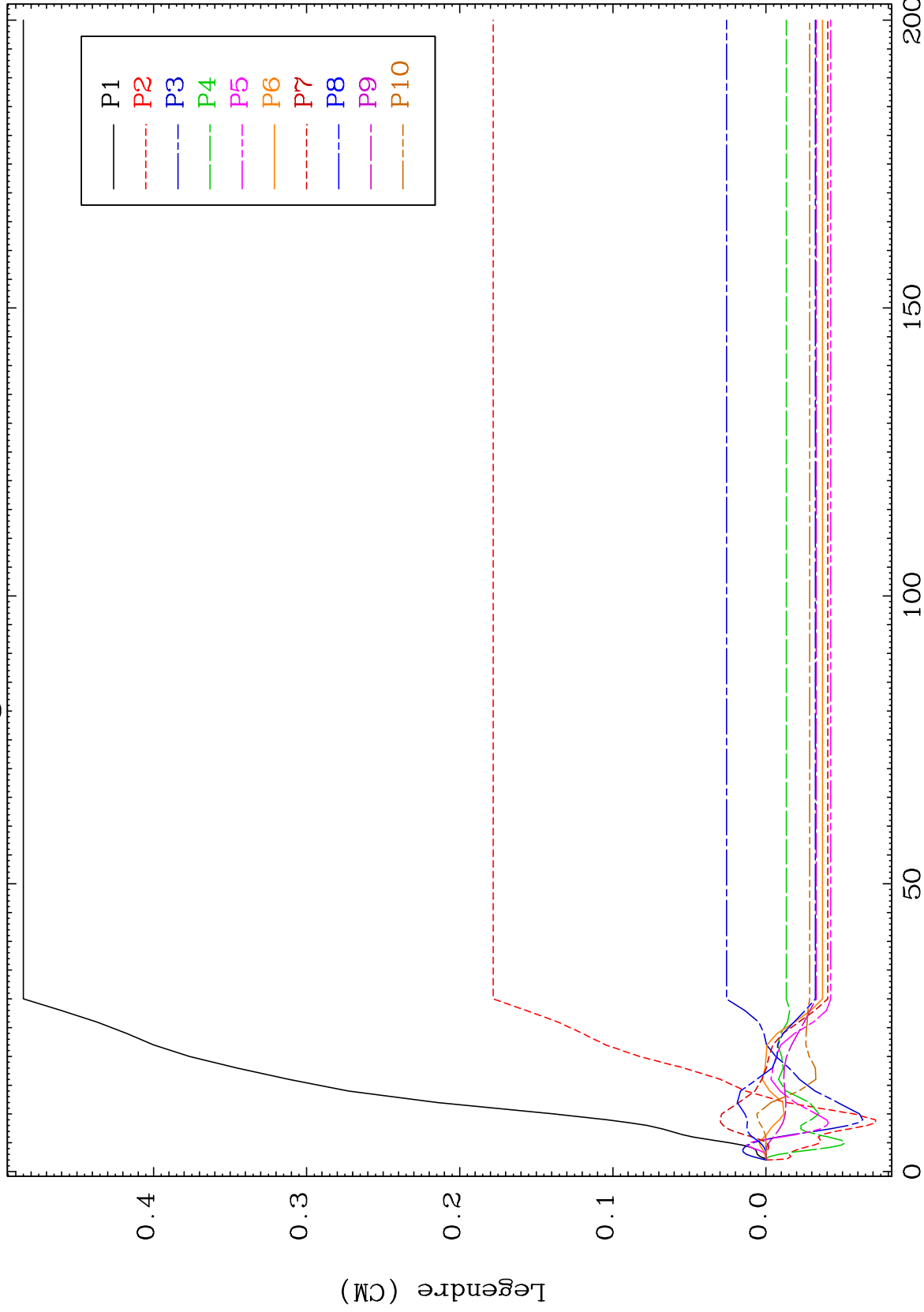
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



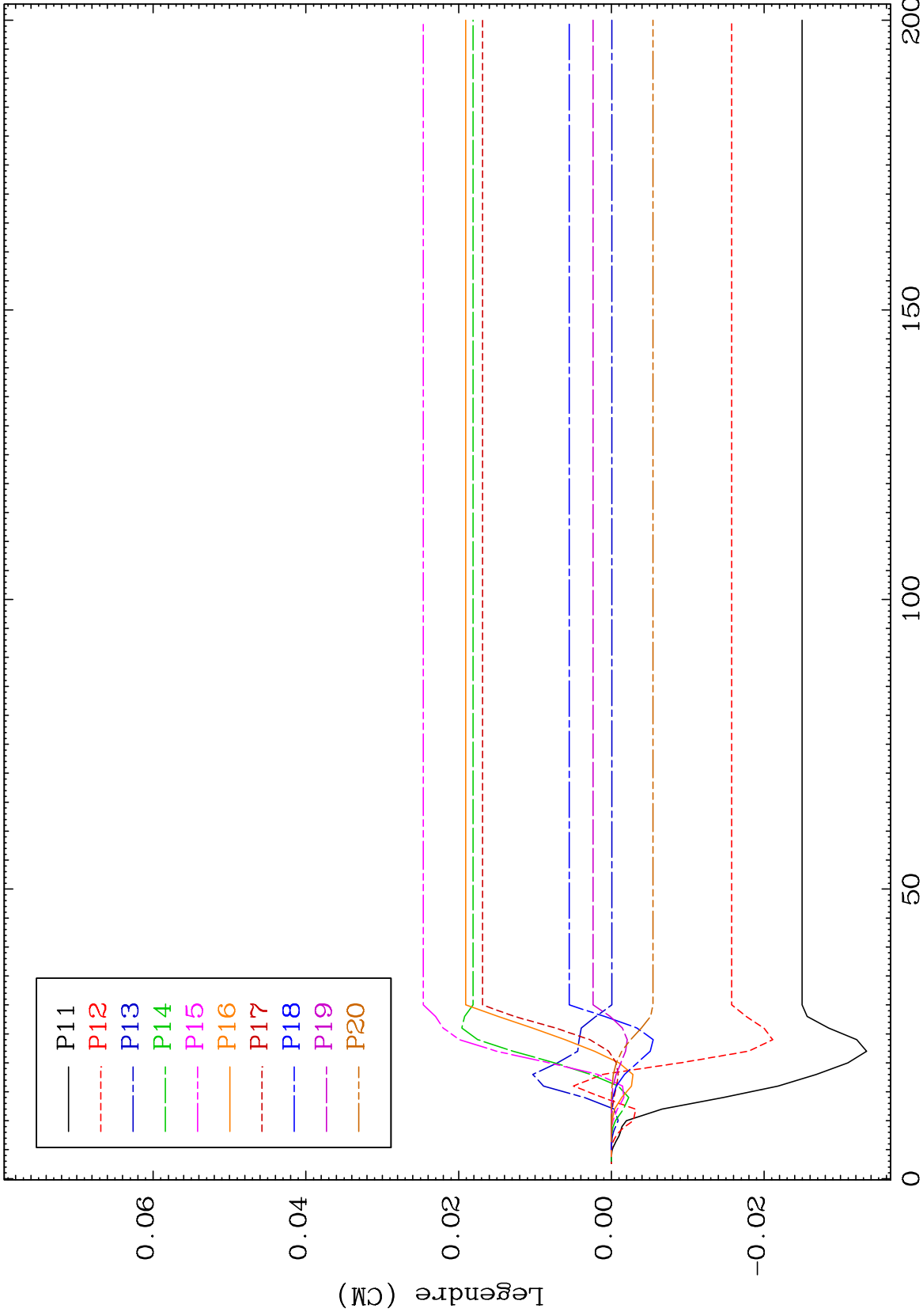
53

82-Pb-196

MAT 8201

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

82-Pb-196



54

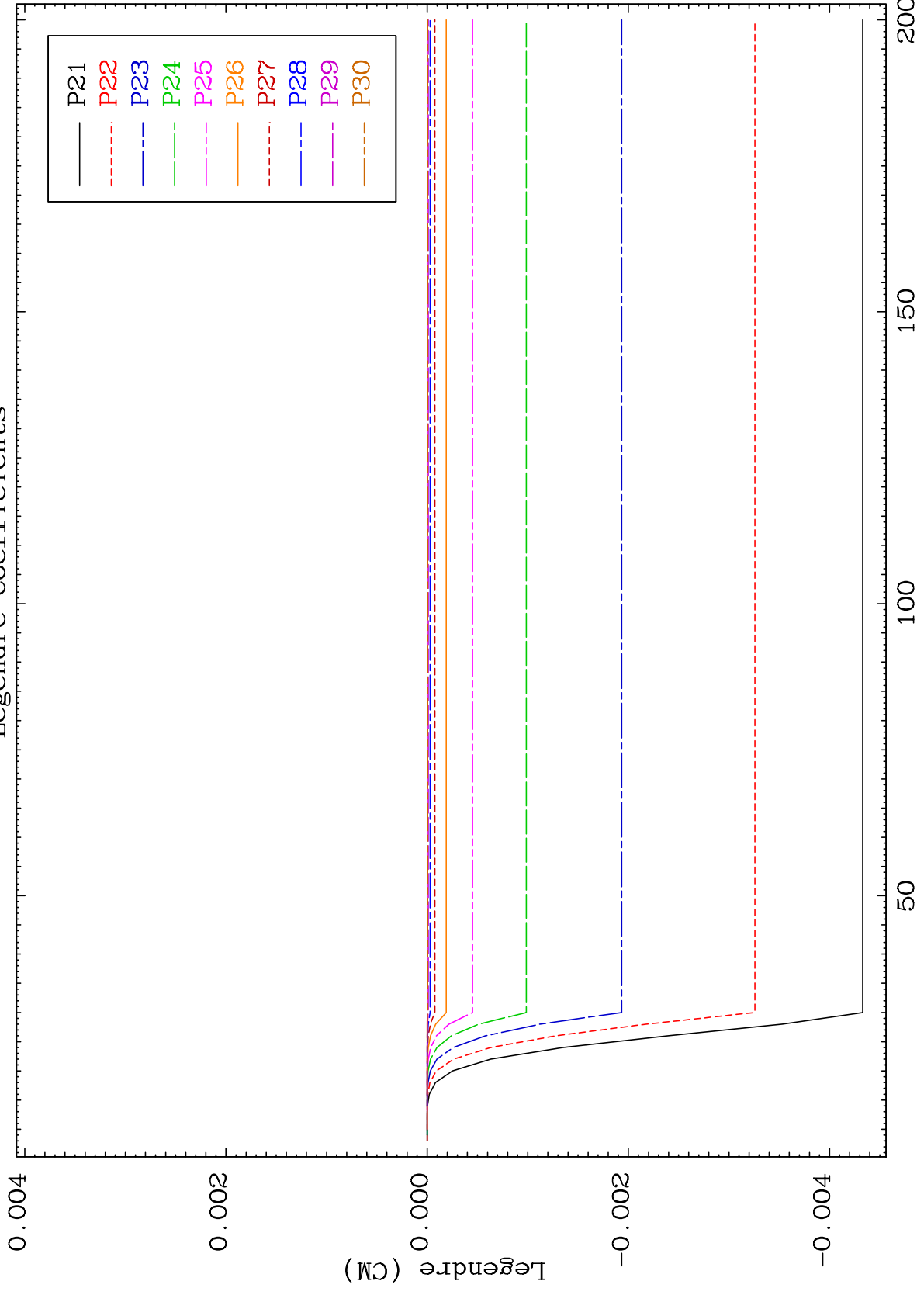
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



82-Pb-196

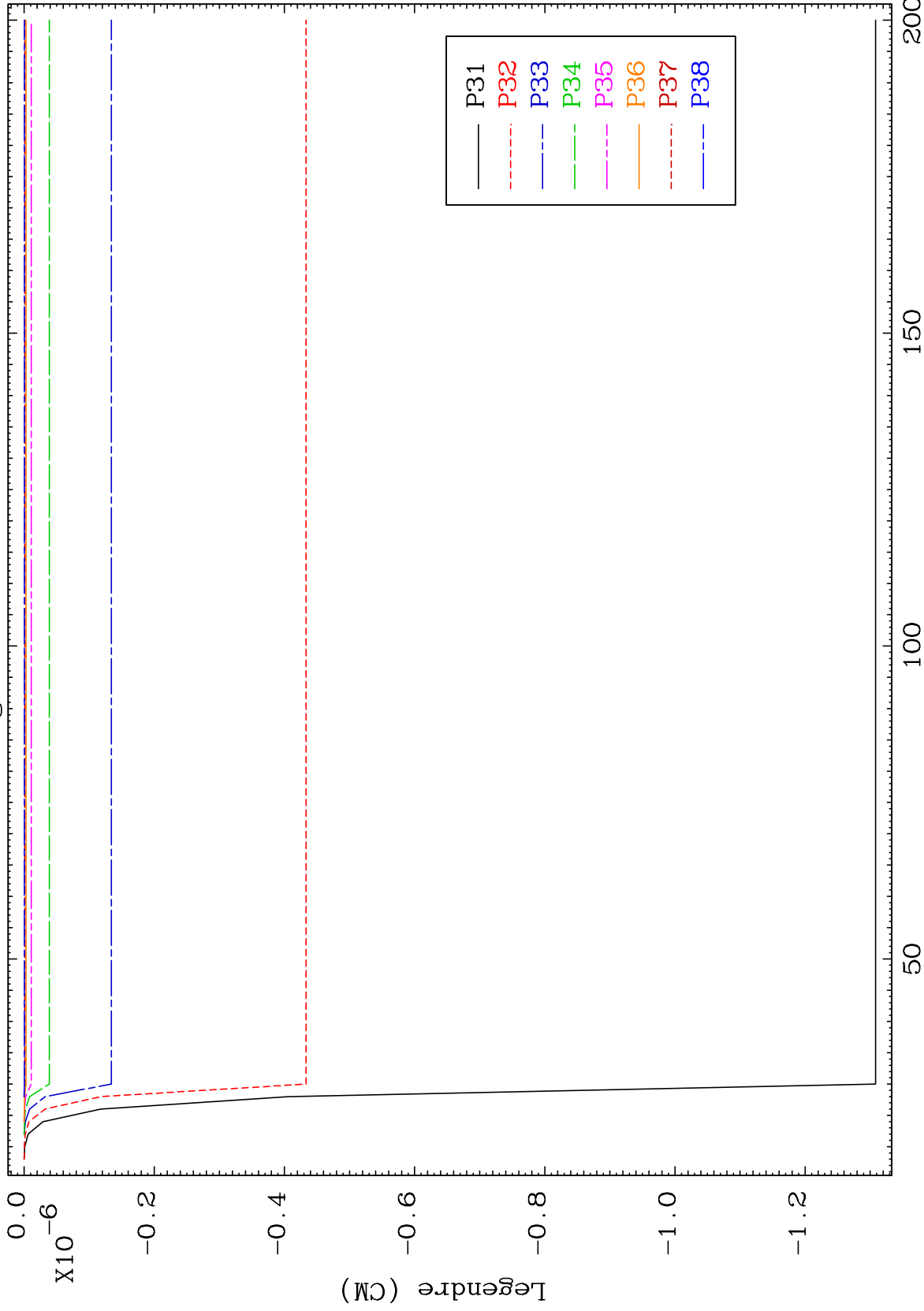
Incident Energy (MeV)

55

MAT 8201

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

82-Pb-196

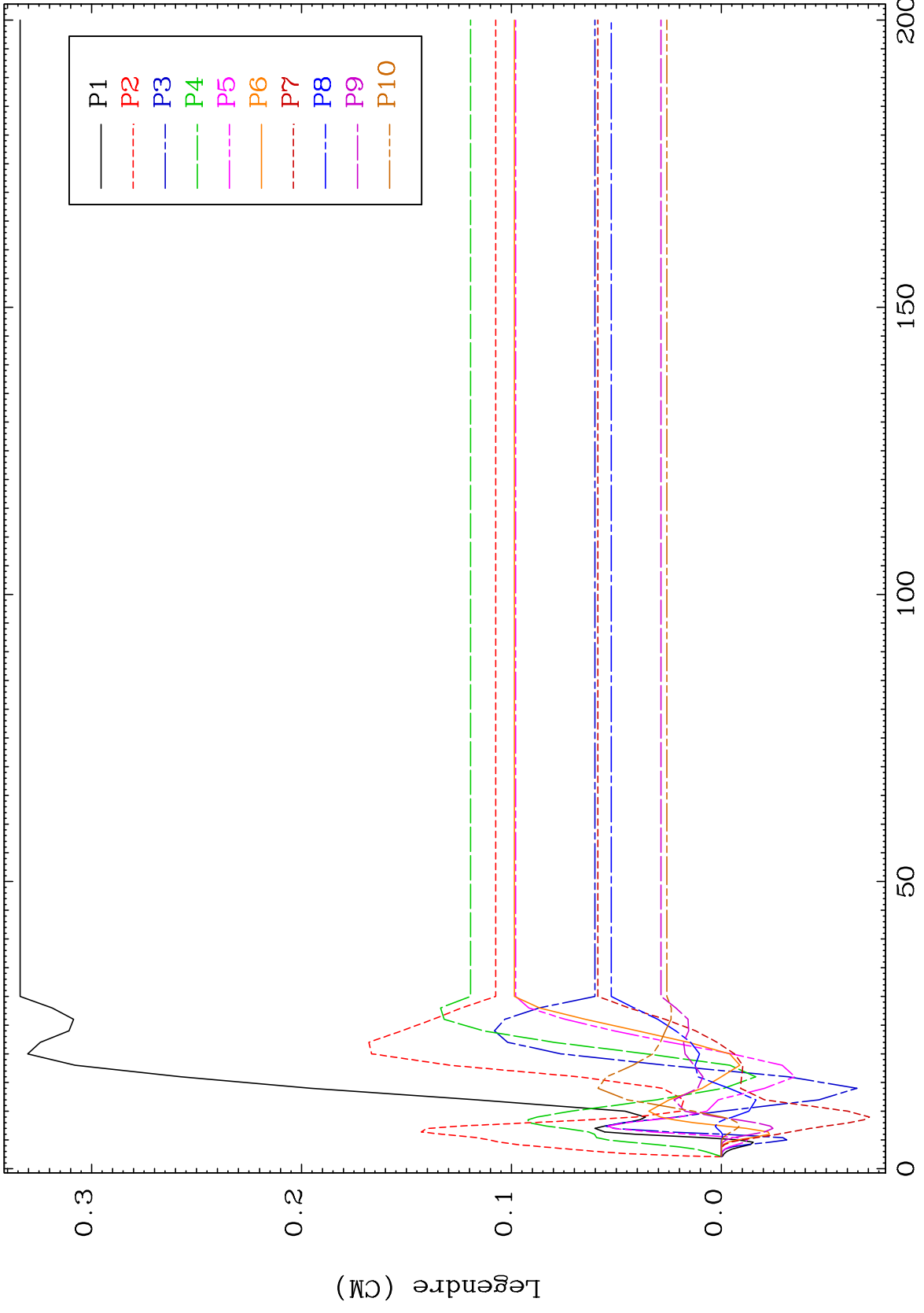


82-Pb-196

Incident Energy (MeV)

56

MAT 8201 MT= 61 (n,n') Level Legendre Coefficients 82-Pb-196

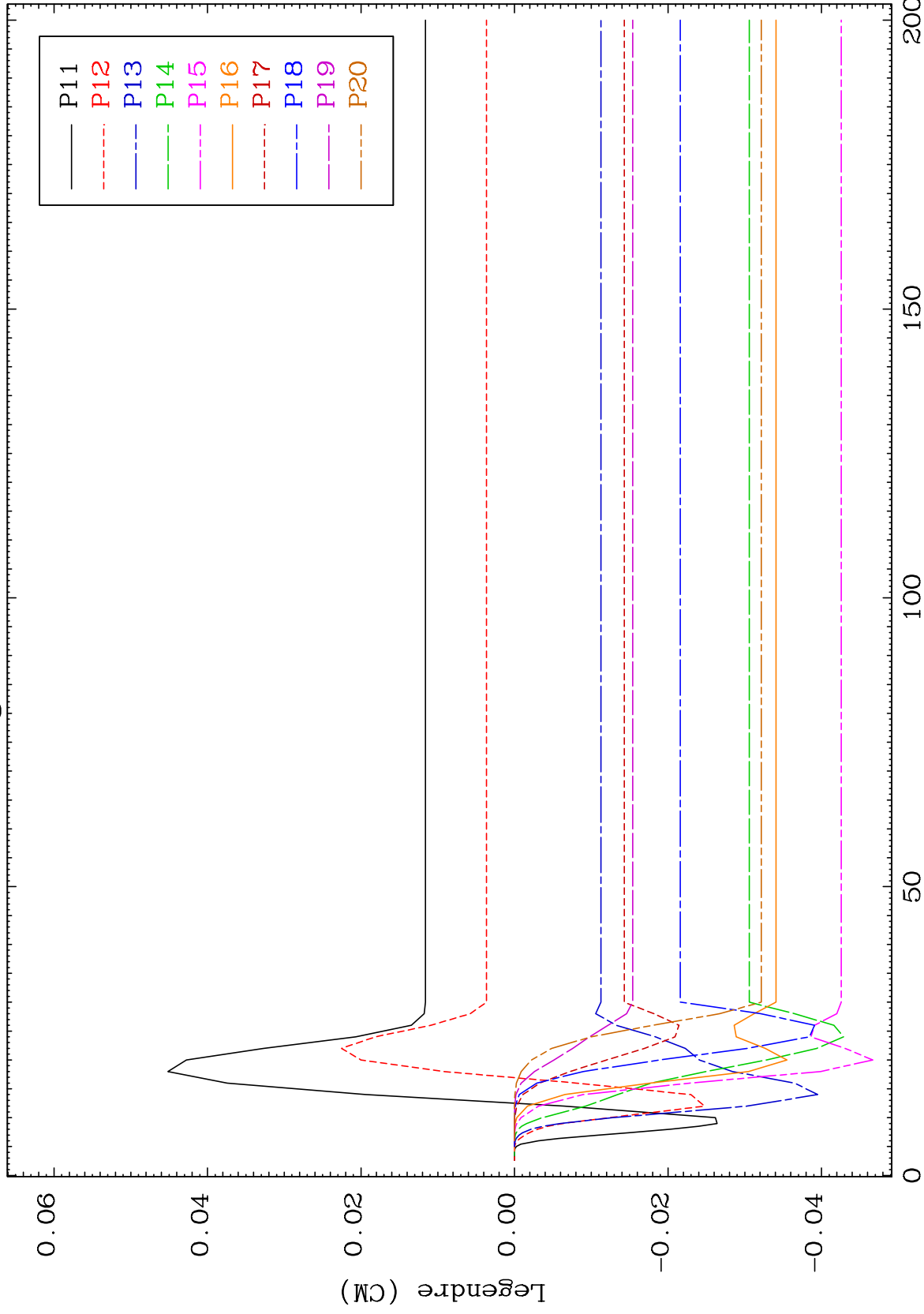


57 82-Pb-196

MAT 8201

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

82-Pb-196



58

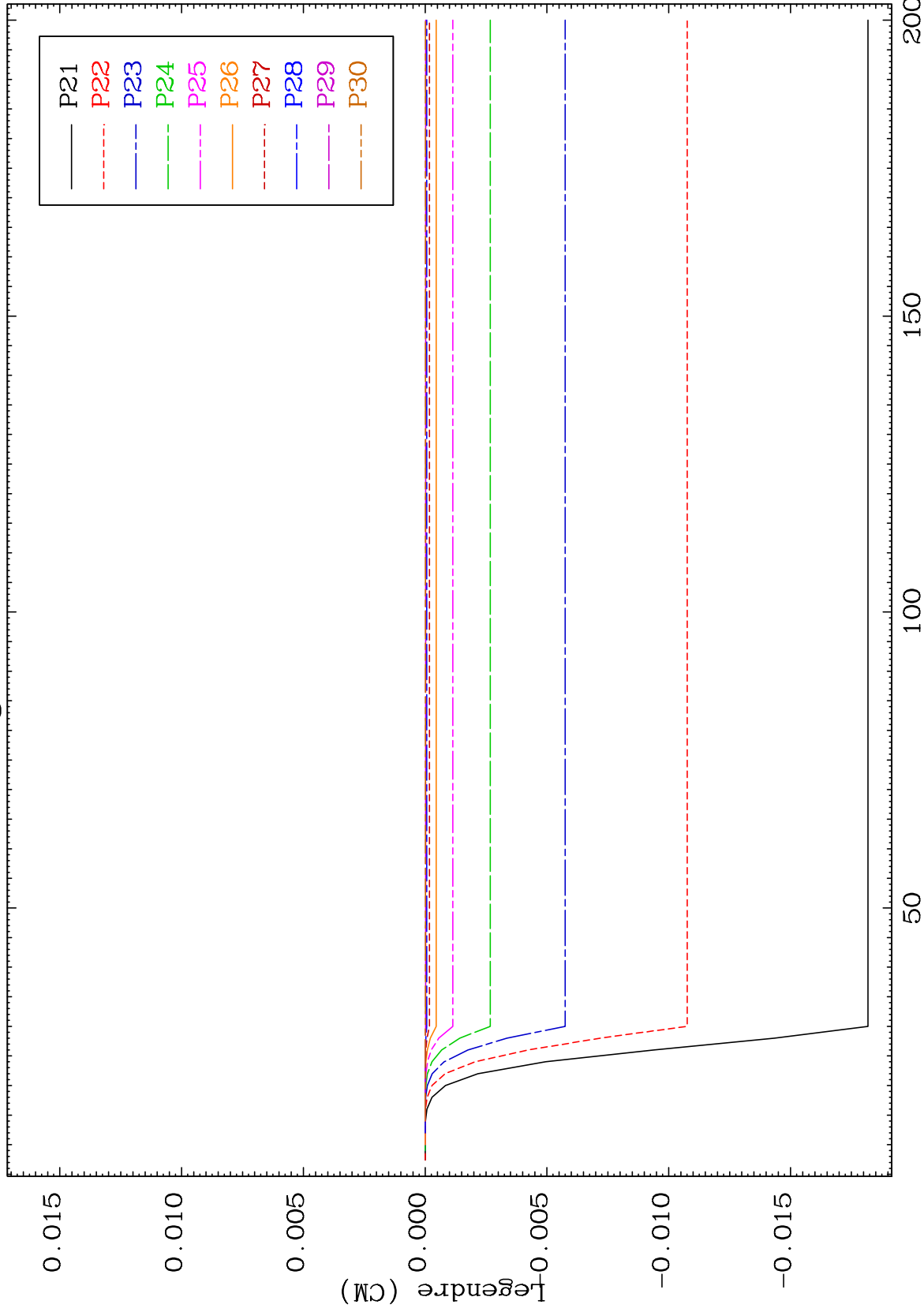
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



59

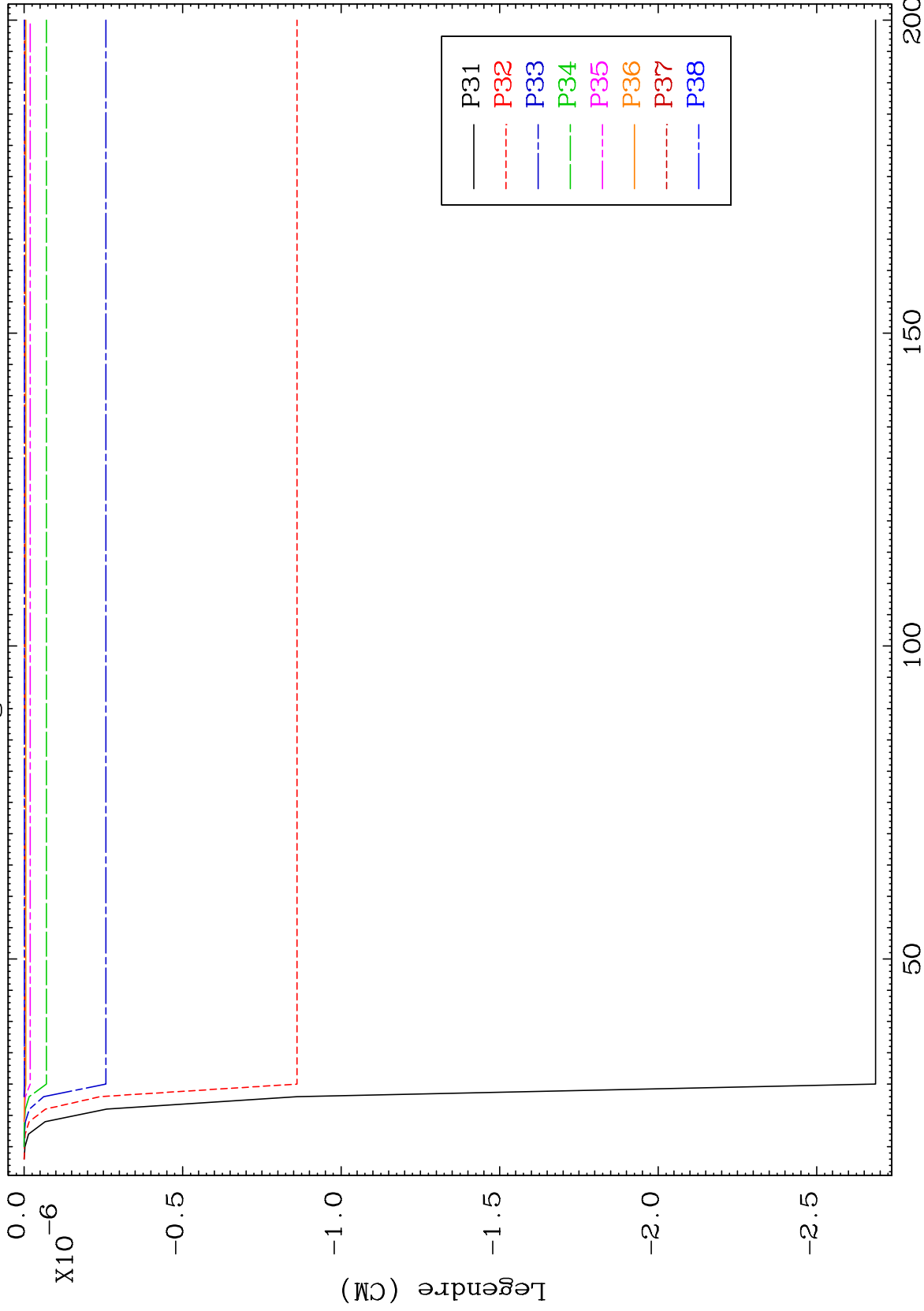
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



82-Pb-196

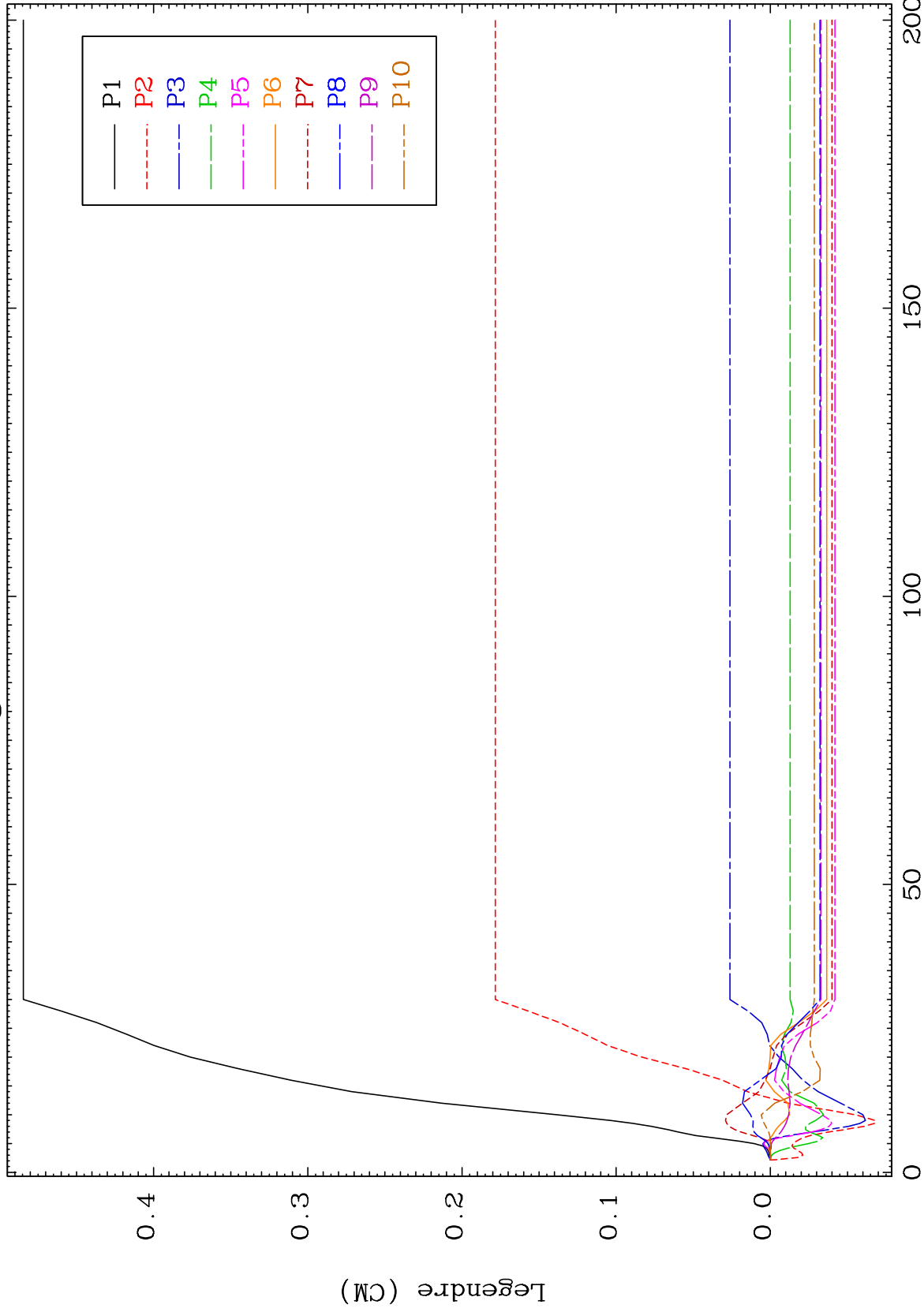
Incident Energy (MeV)

60

MAT 8201

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

82-Pb-196



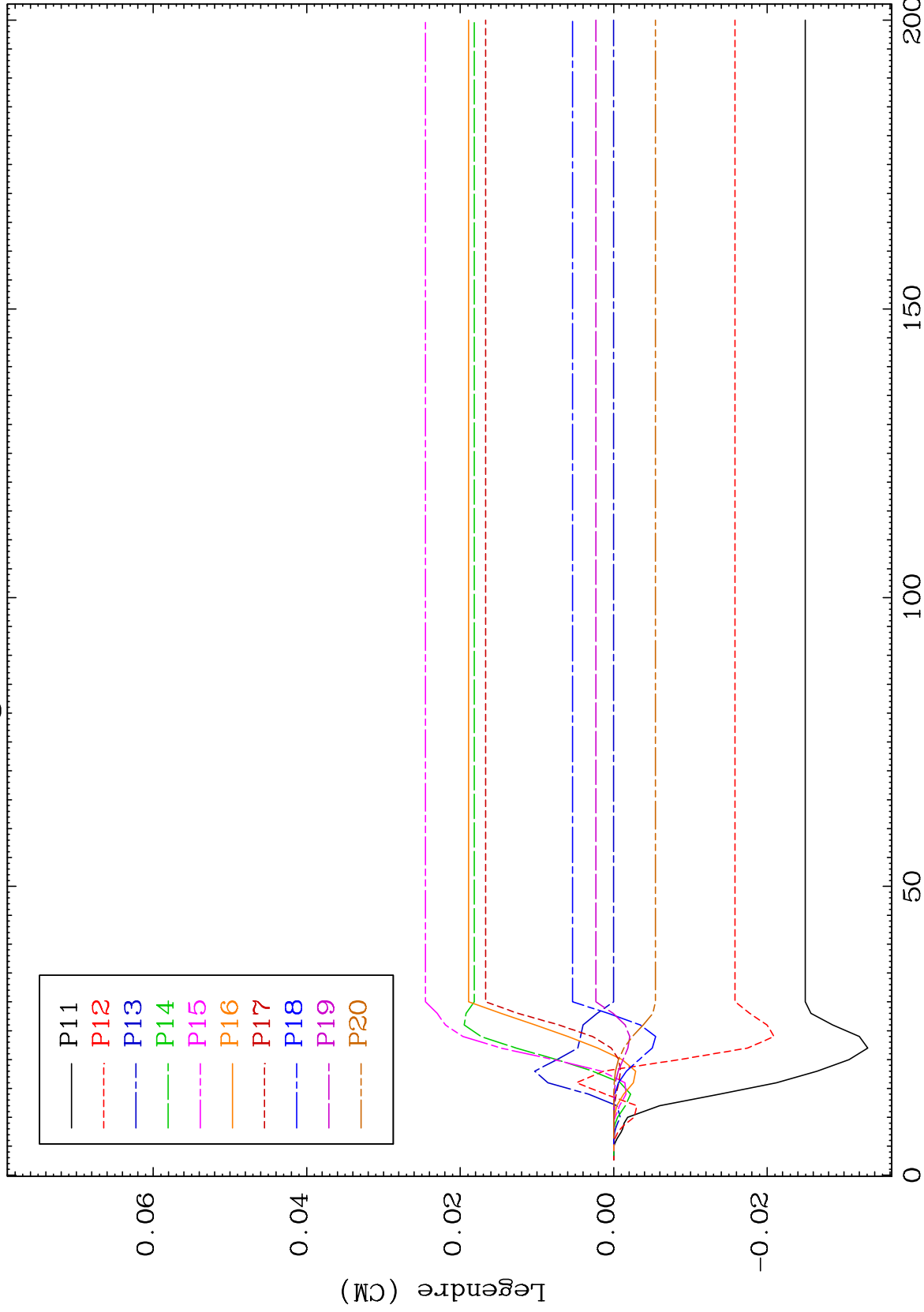
61

82-Pb-196

MAT 8201

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

82-Pb-196

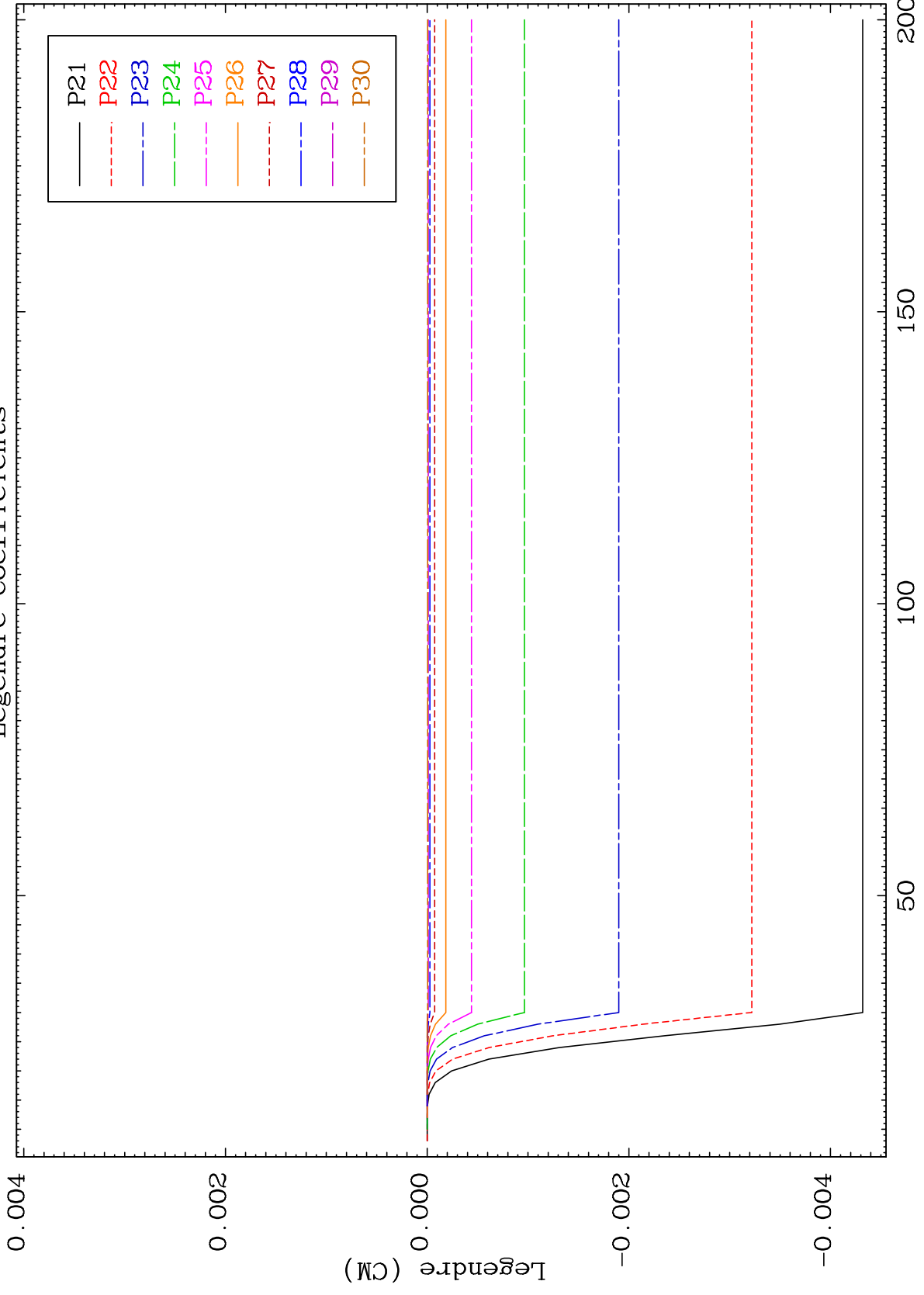


62

Incident Energy (MeV)

82-Pb-196

MAT 8201 MT= 62 (n,n') Level Legendre Coefficients 82-Pb-196

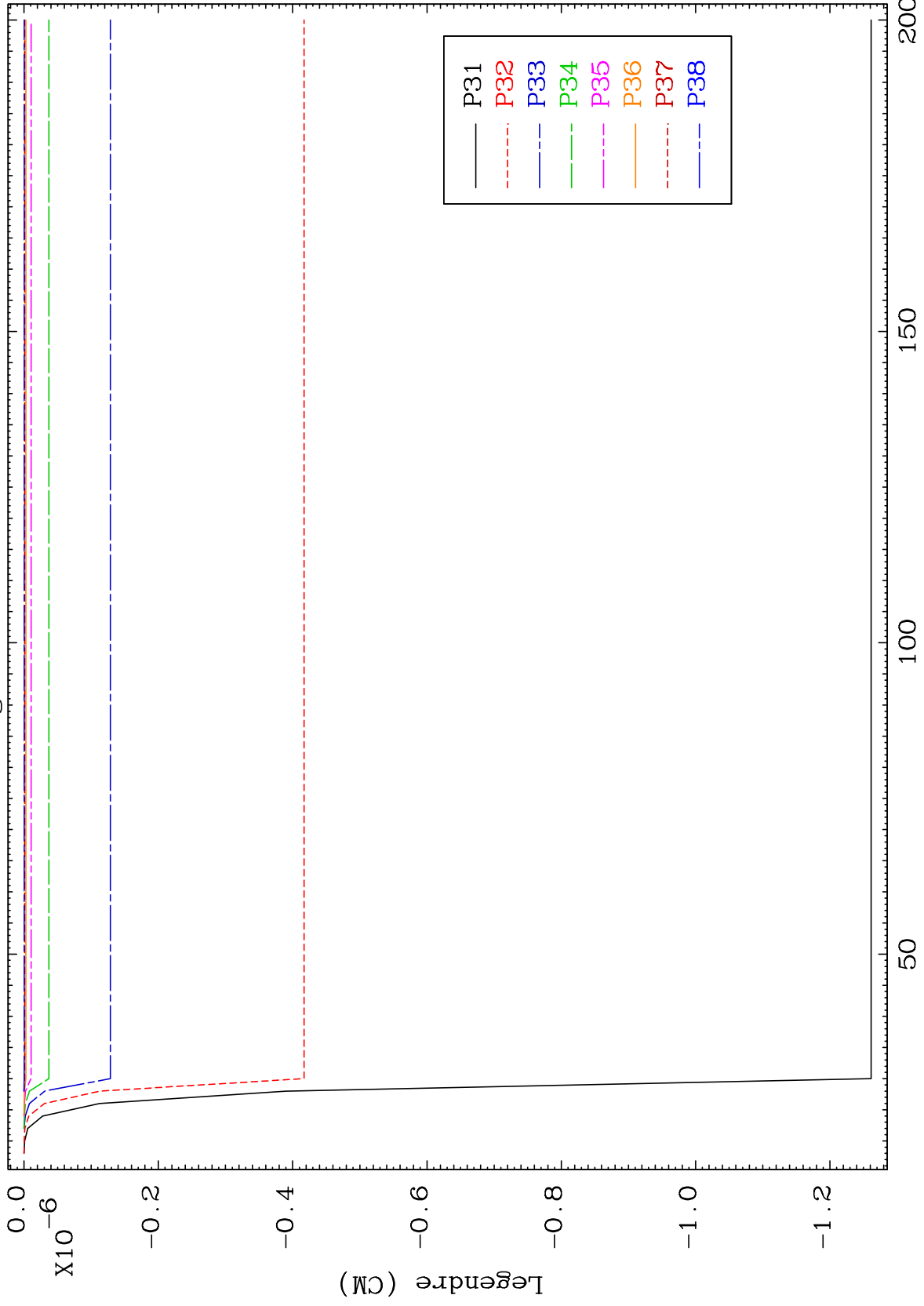


63 82-Pb-196

MAT 8201

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

82-Pb-196



82-Pb-196

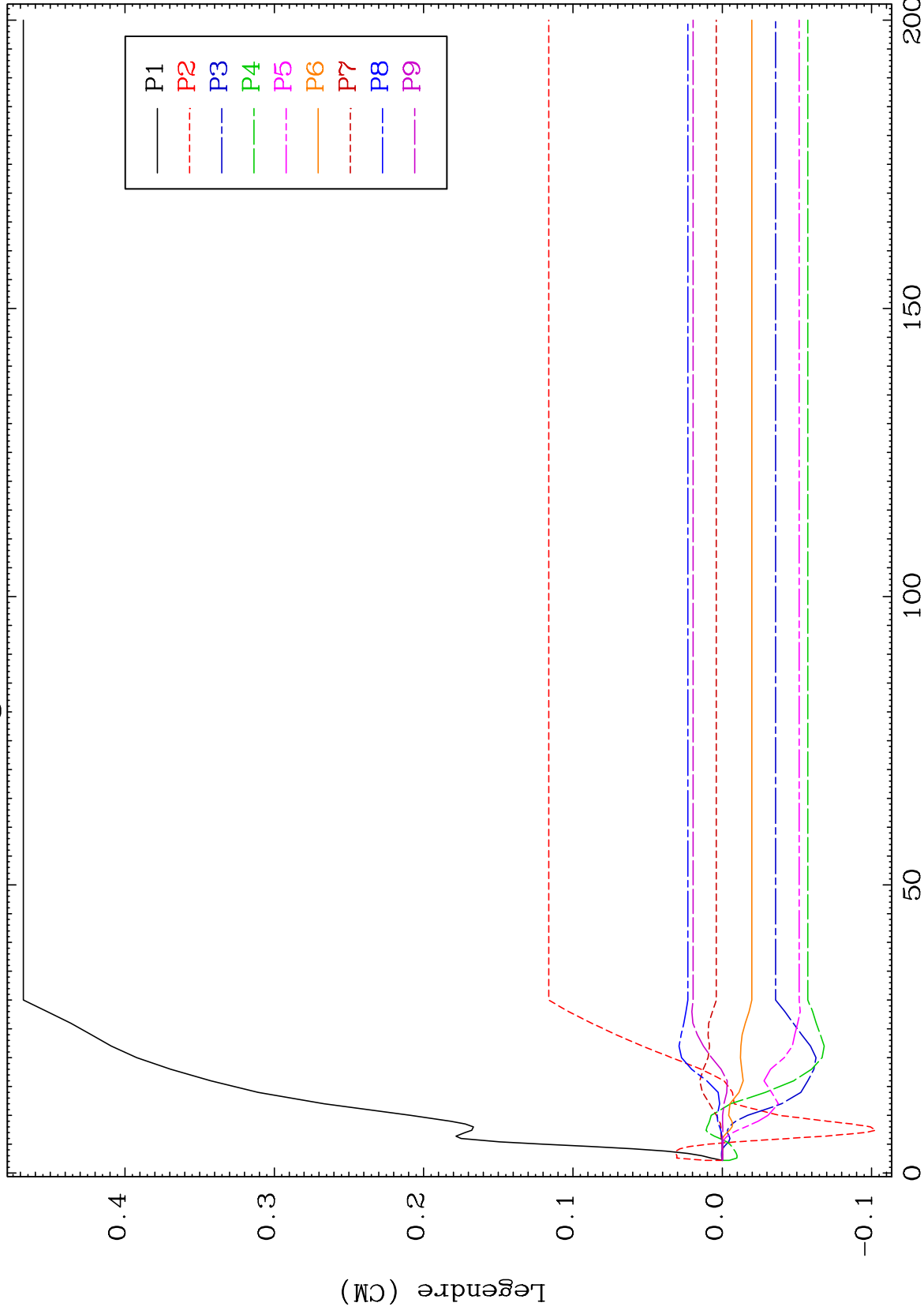
Incident Energy (MeV)

64

MAT 8201

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

82-Pb-196



65

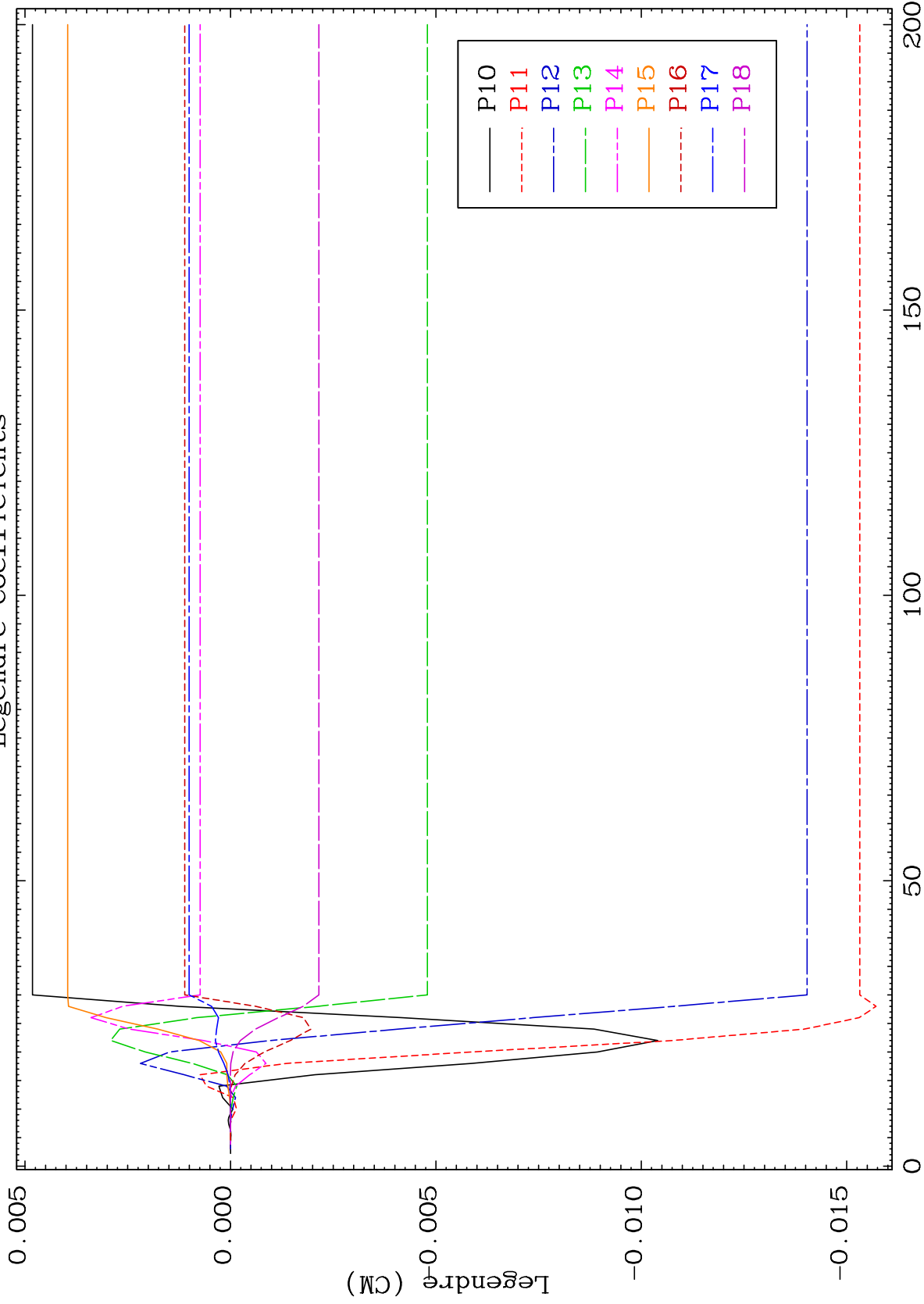
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



66

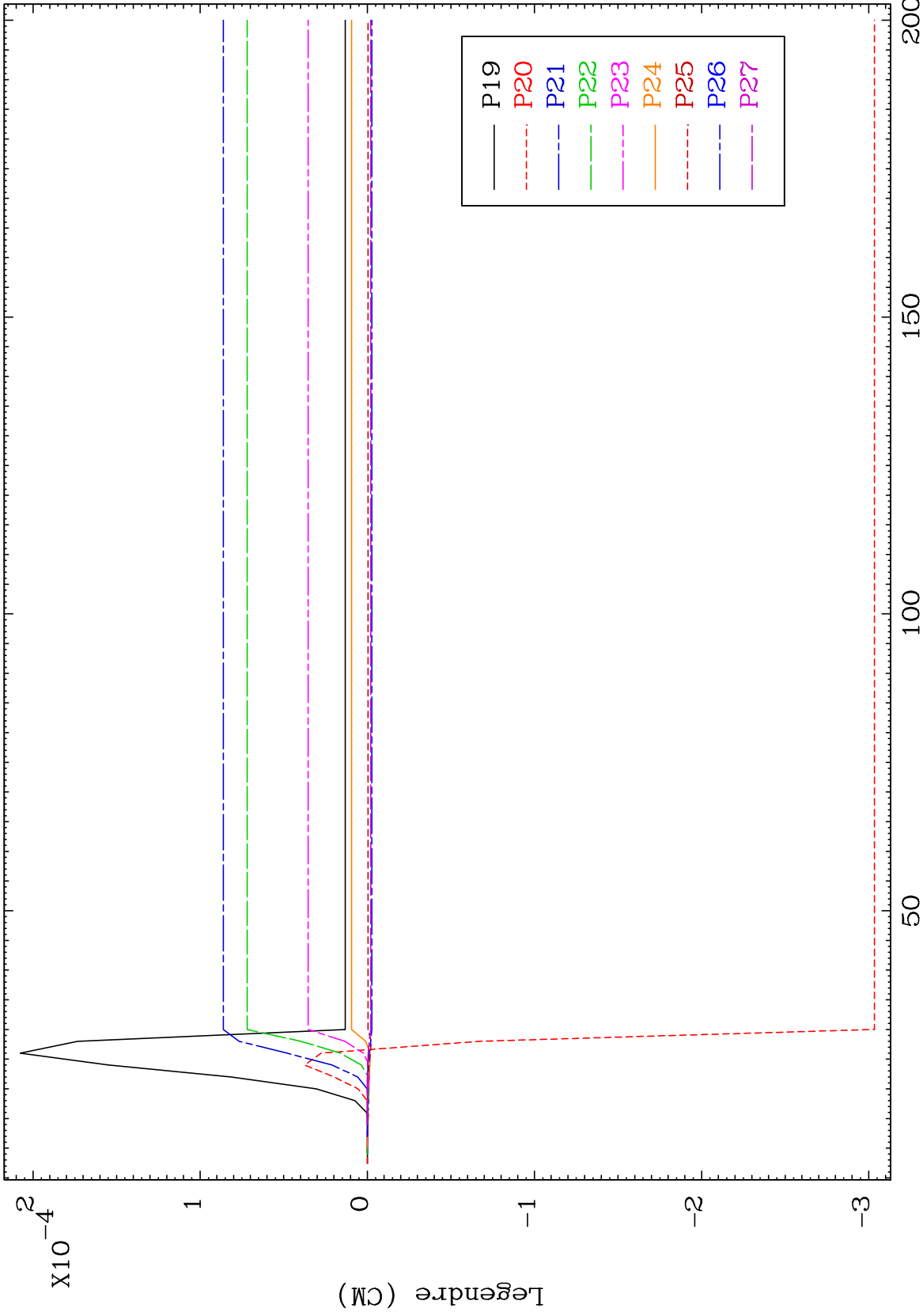
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



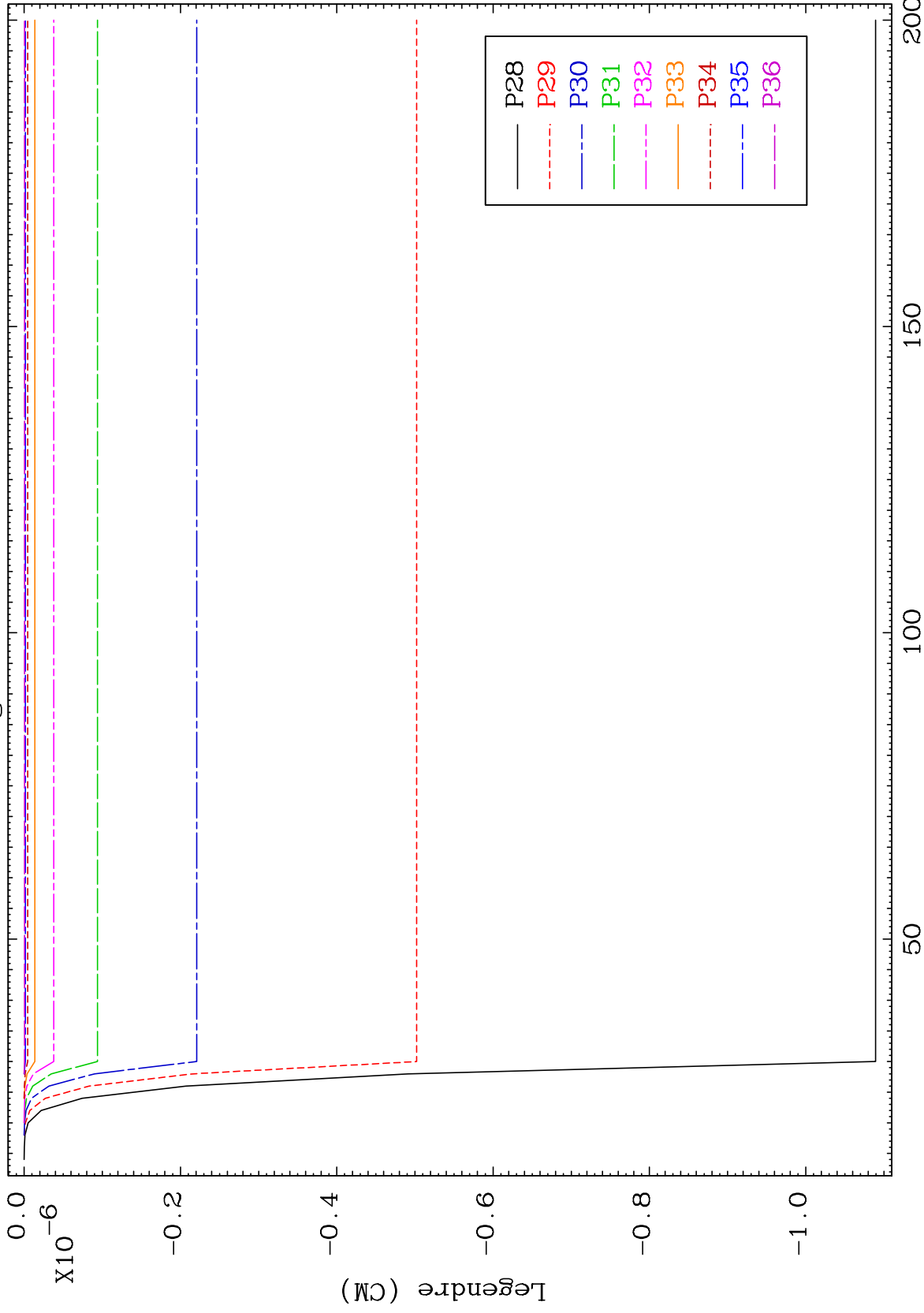
67

82-Pb-196

MAT 8201

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

82-Pb-196



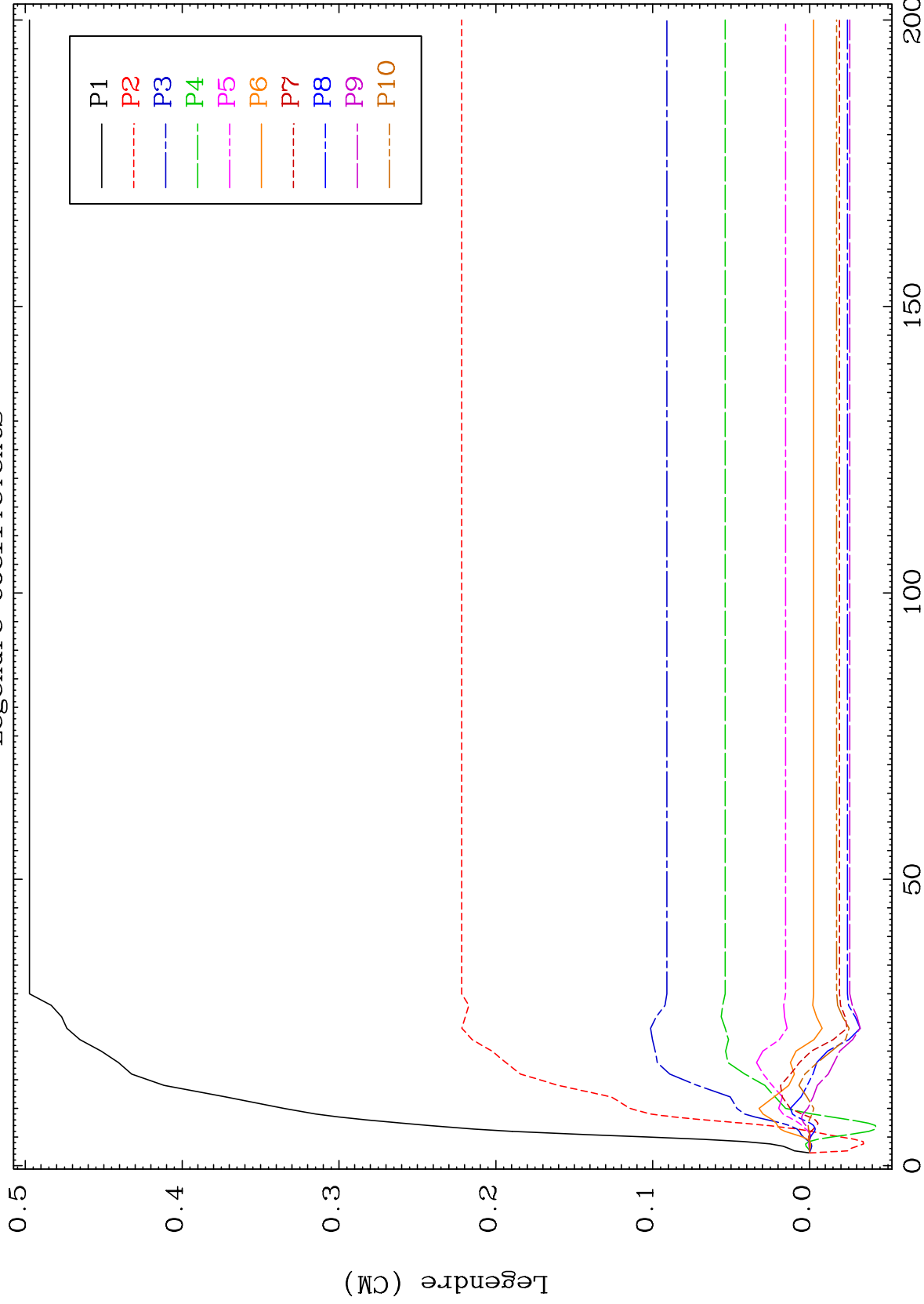
68

82-Pb-196

MAT 8201

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

82-Pb-196



69

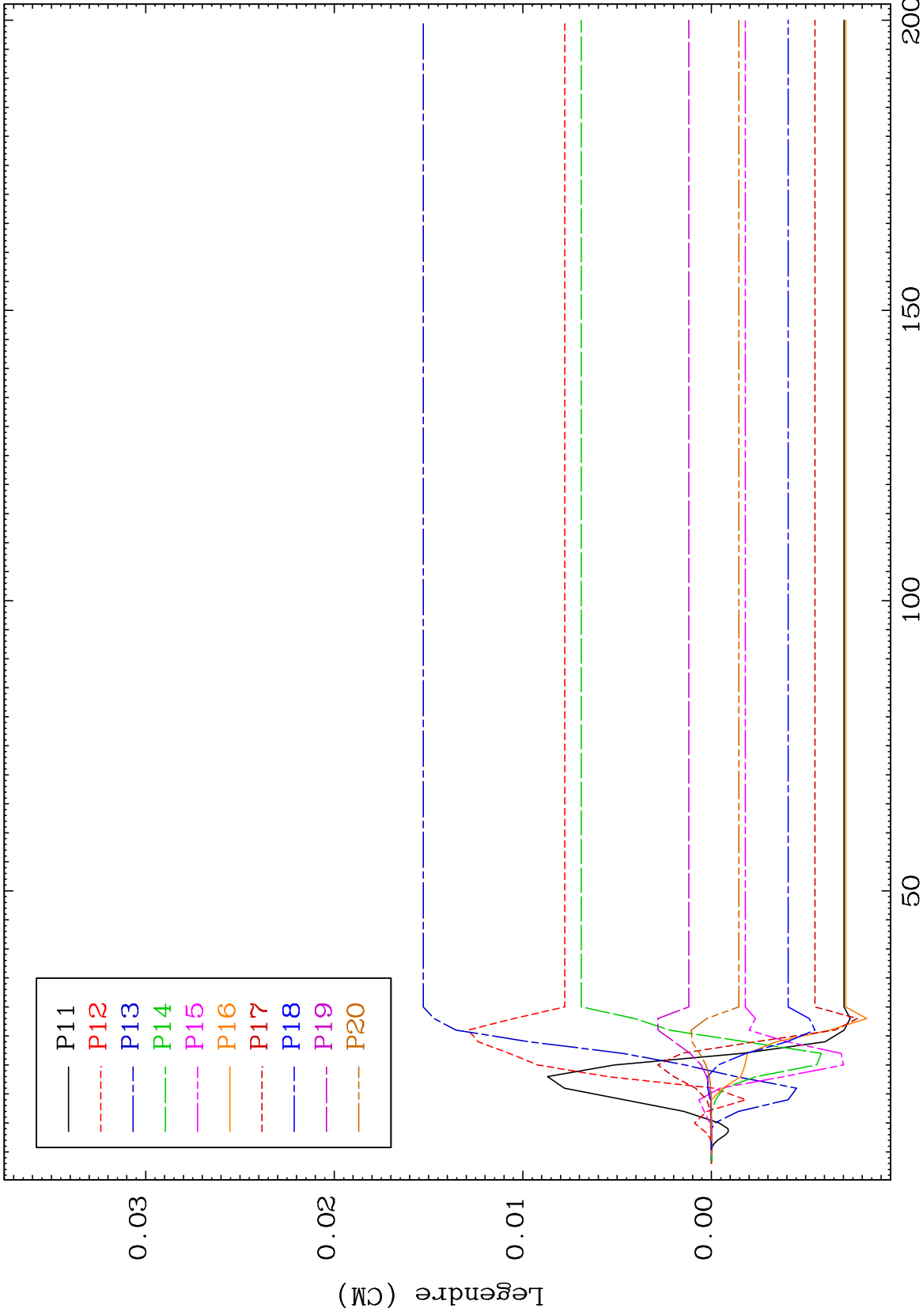
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



70

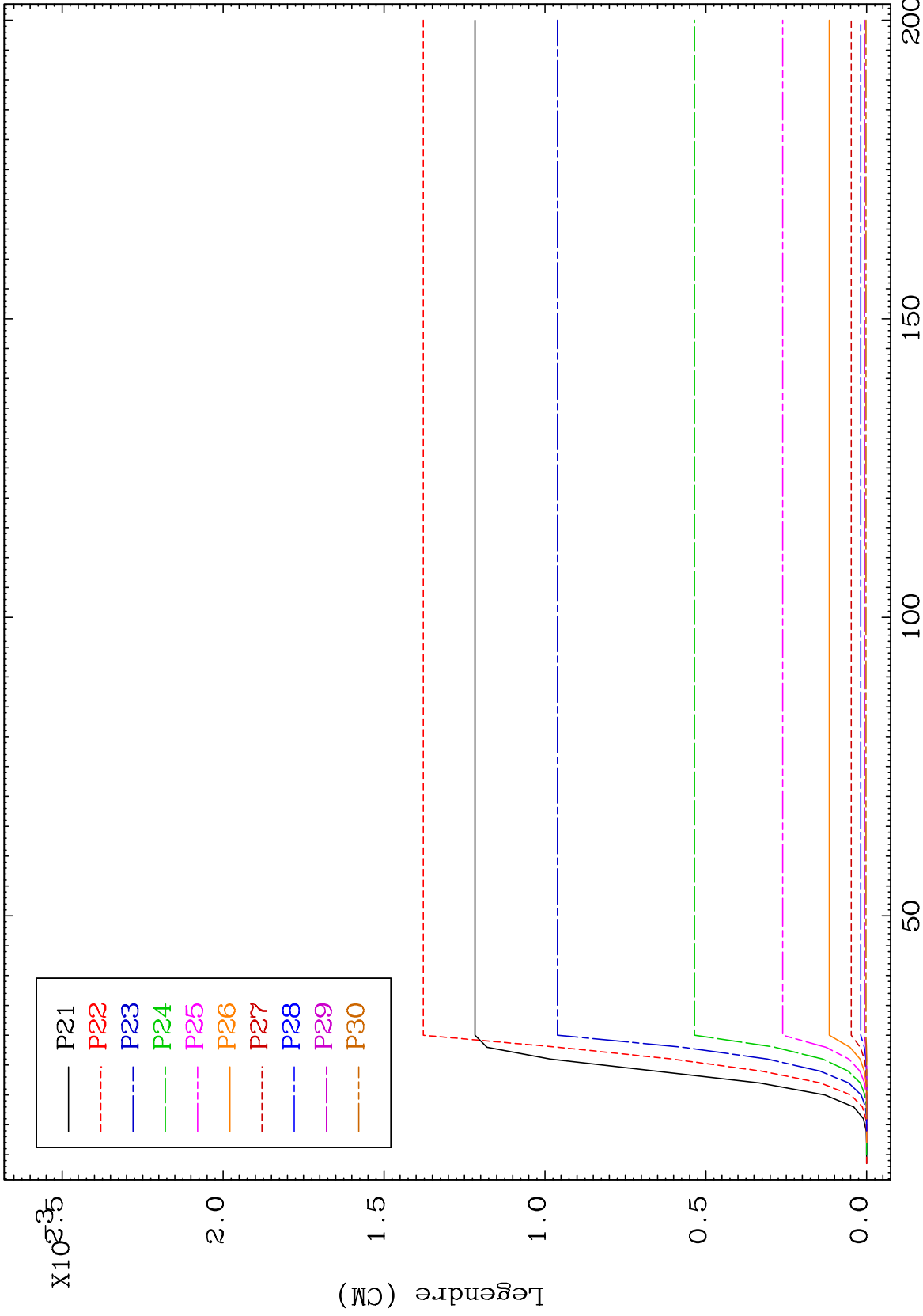
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



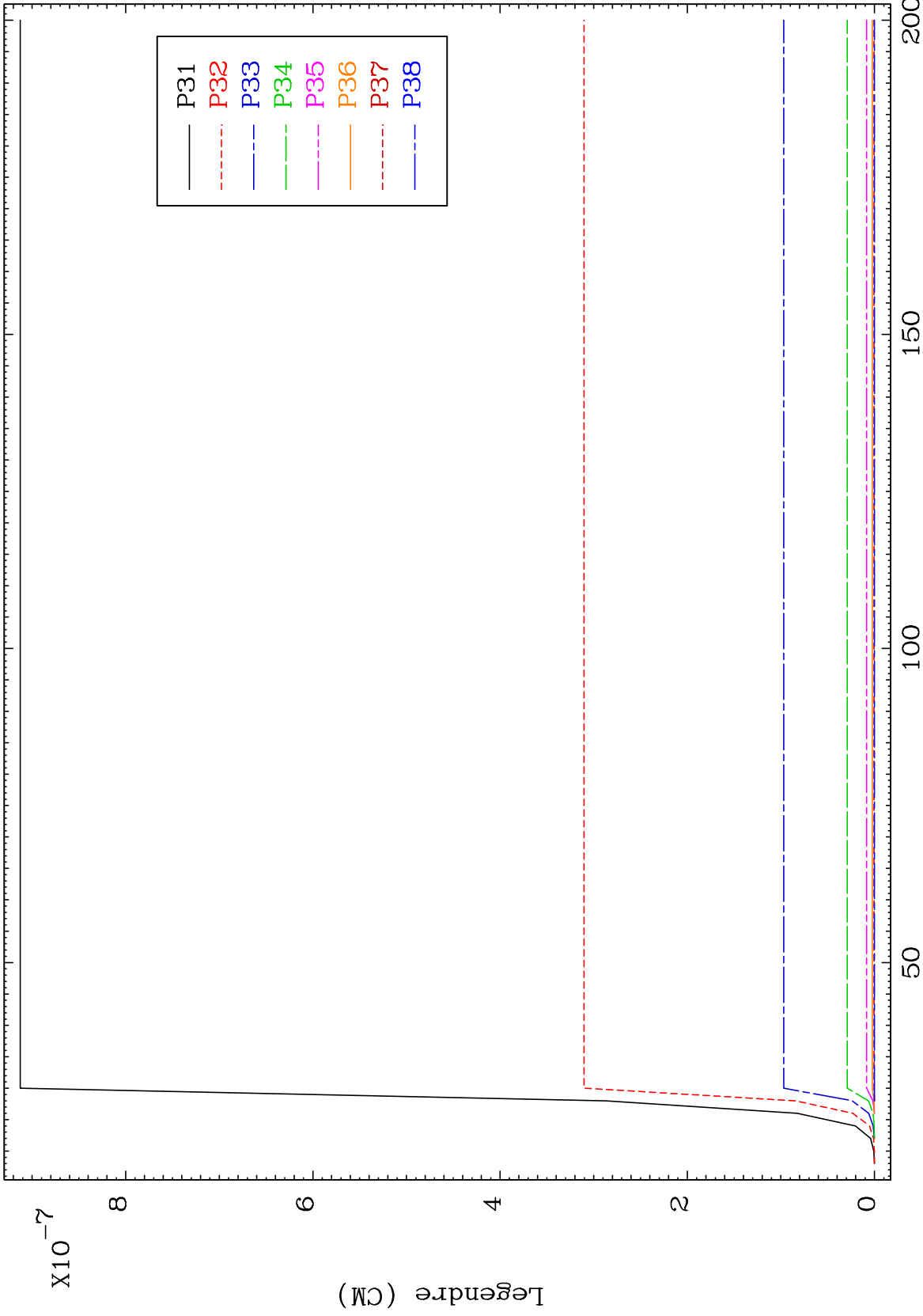
71

82-Pb-196

MAT 8201

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

82-Pb-196



72

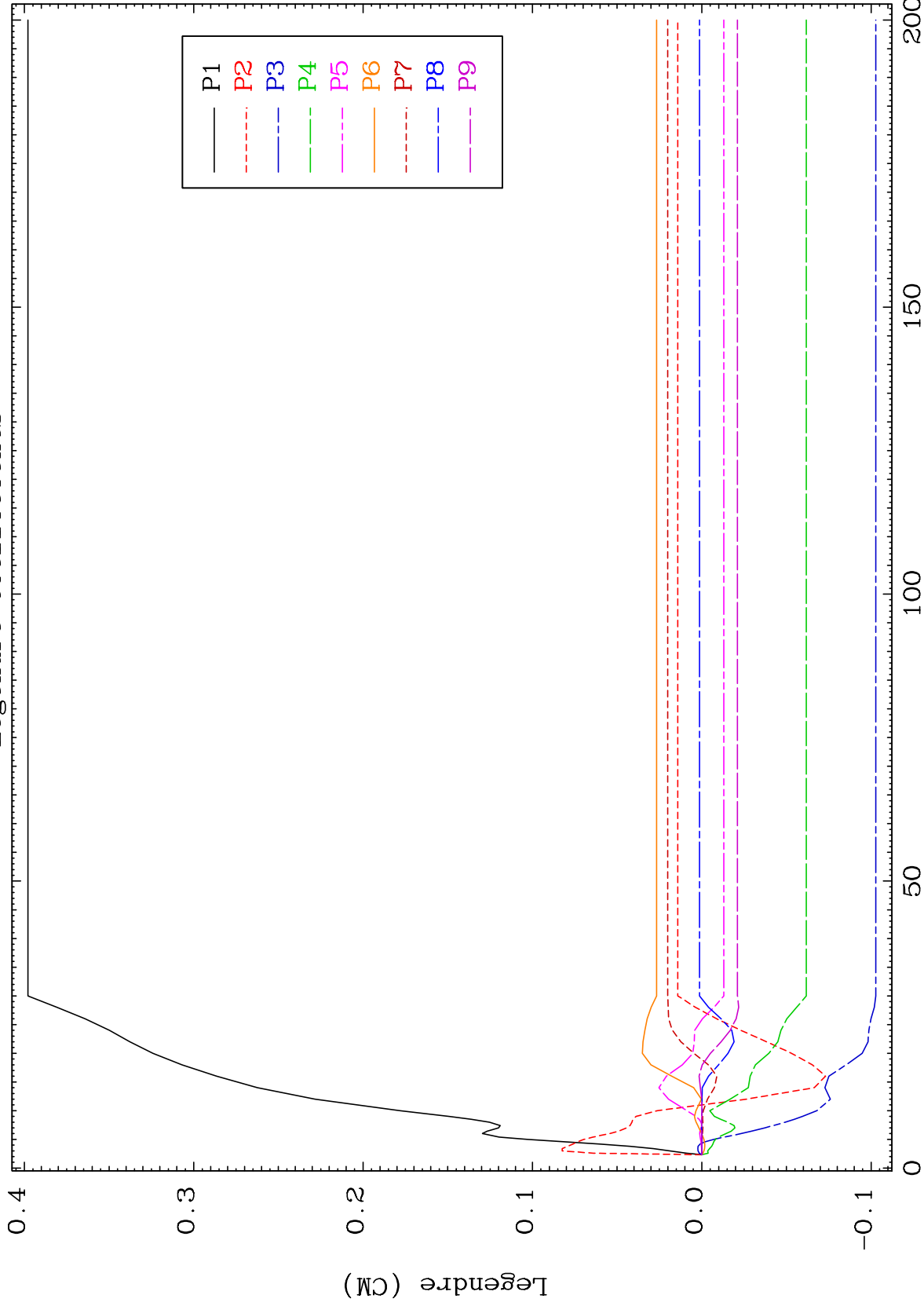
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



73

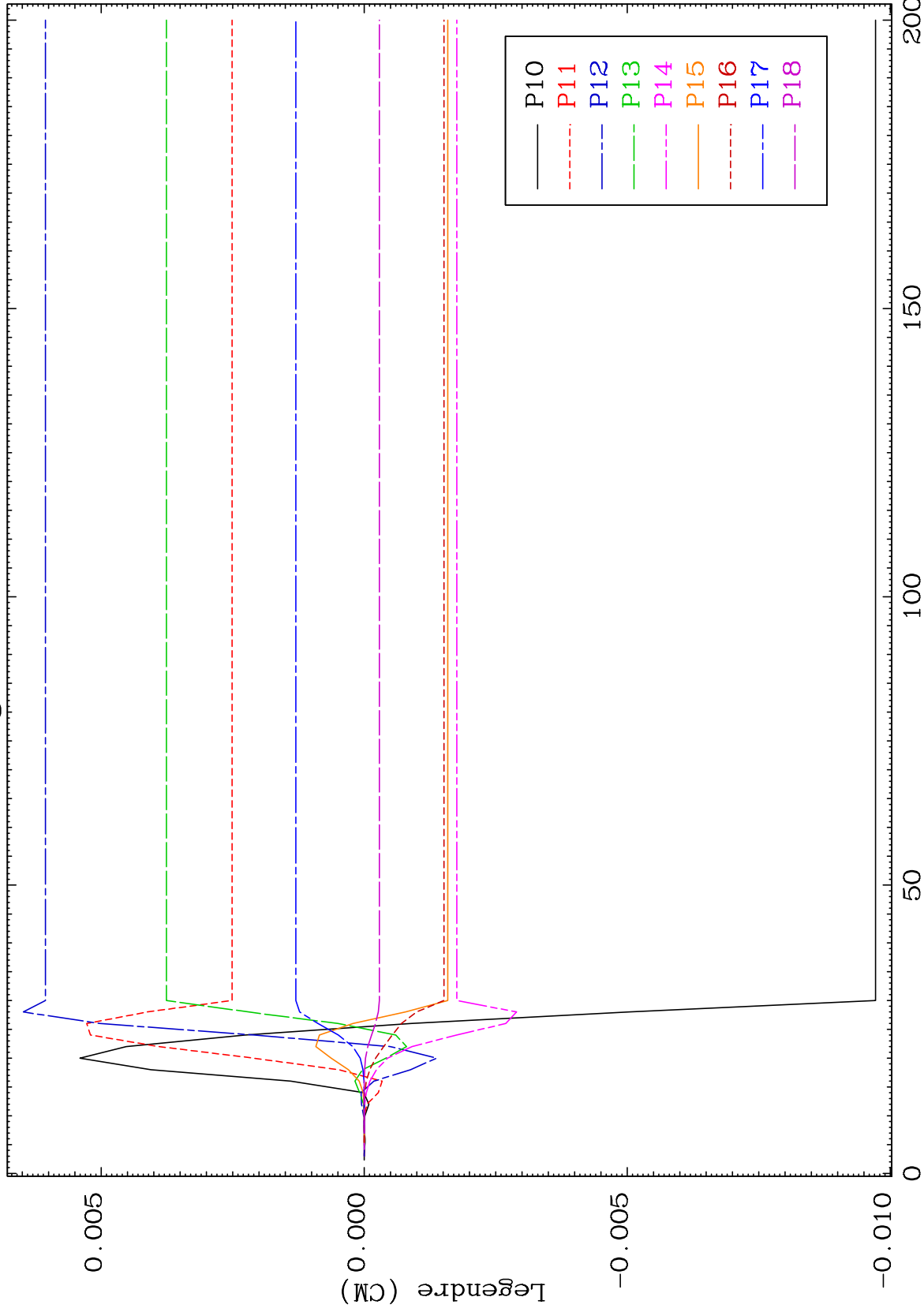
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



74

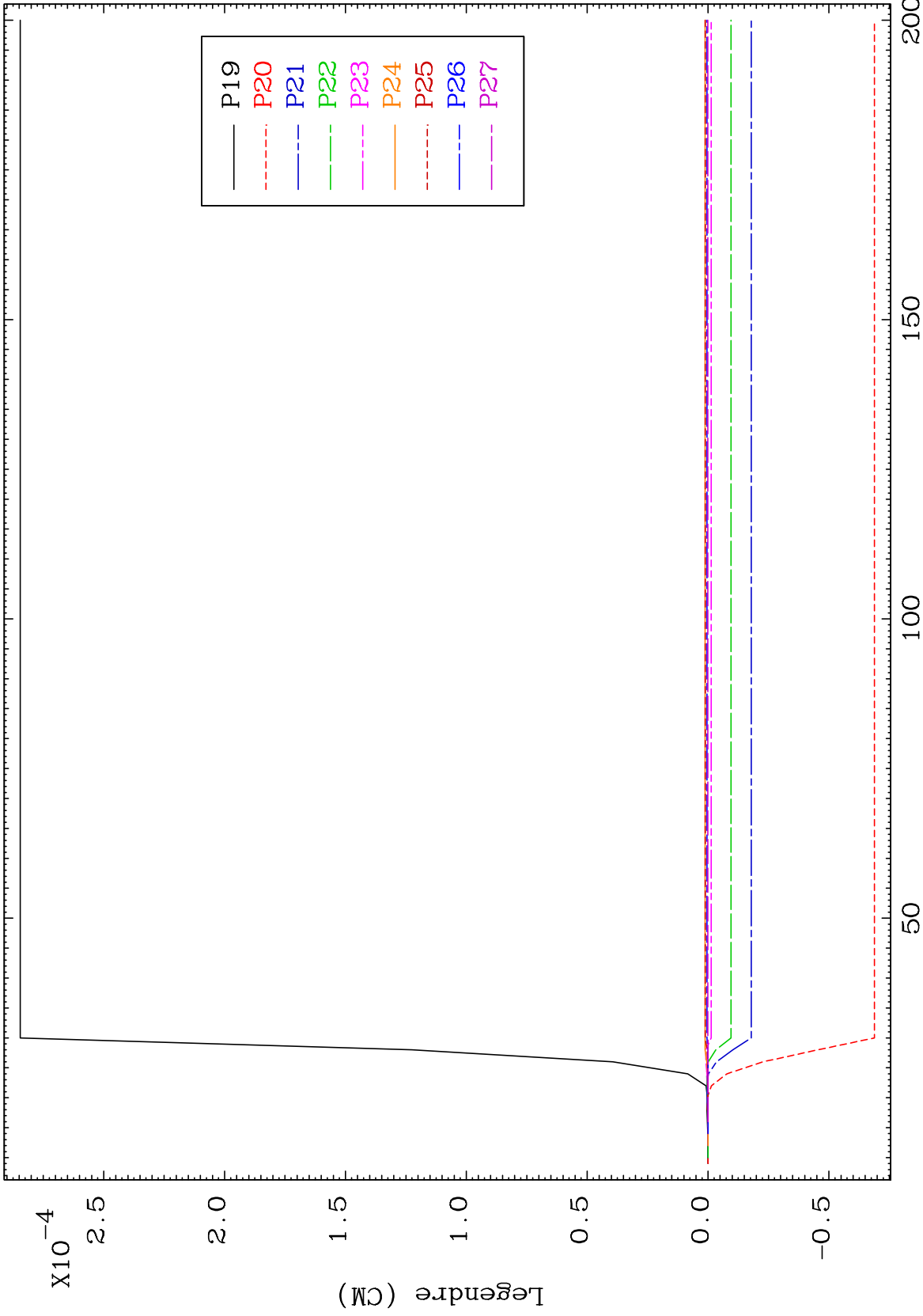
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



75

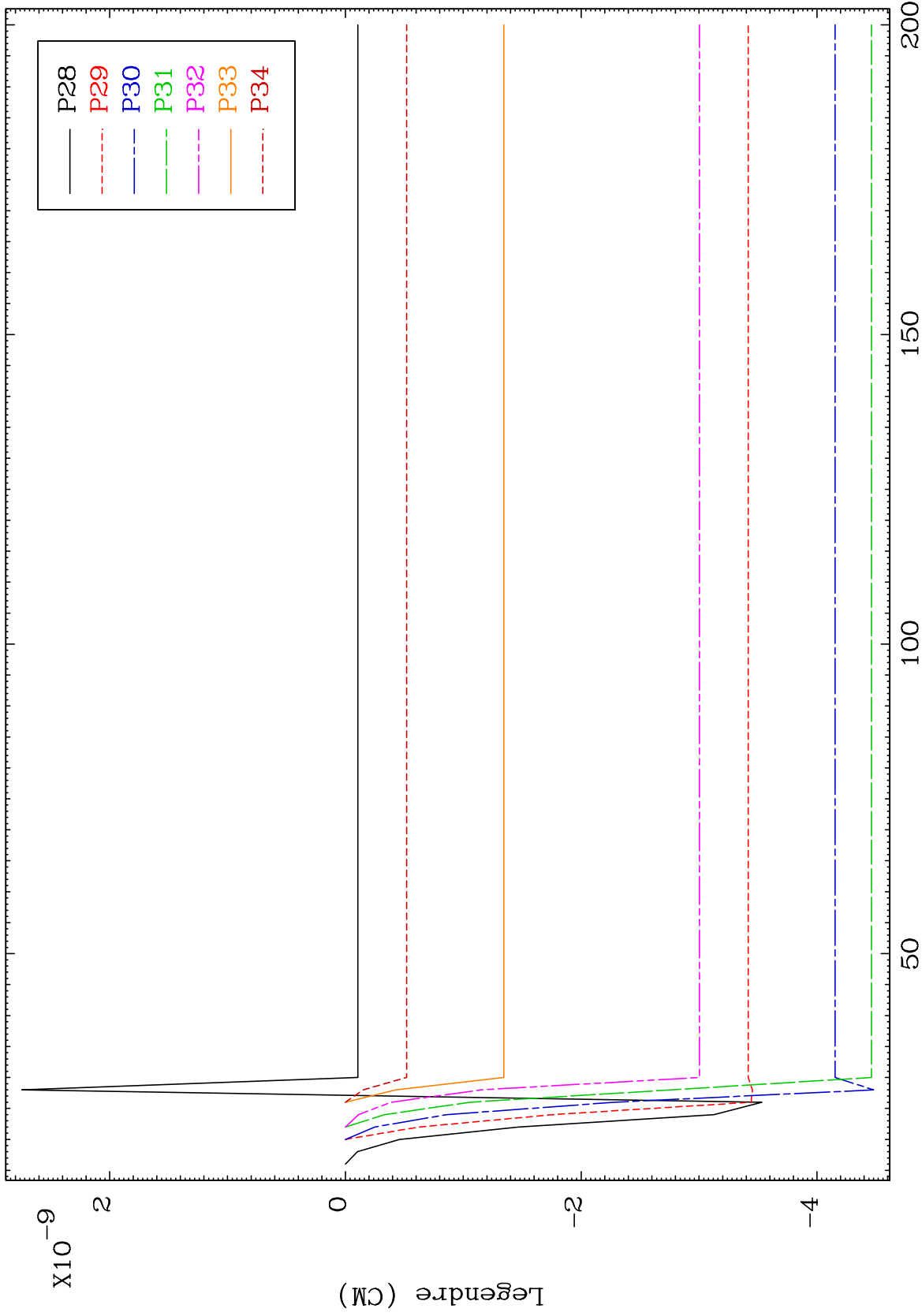
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



76

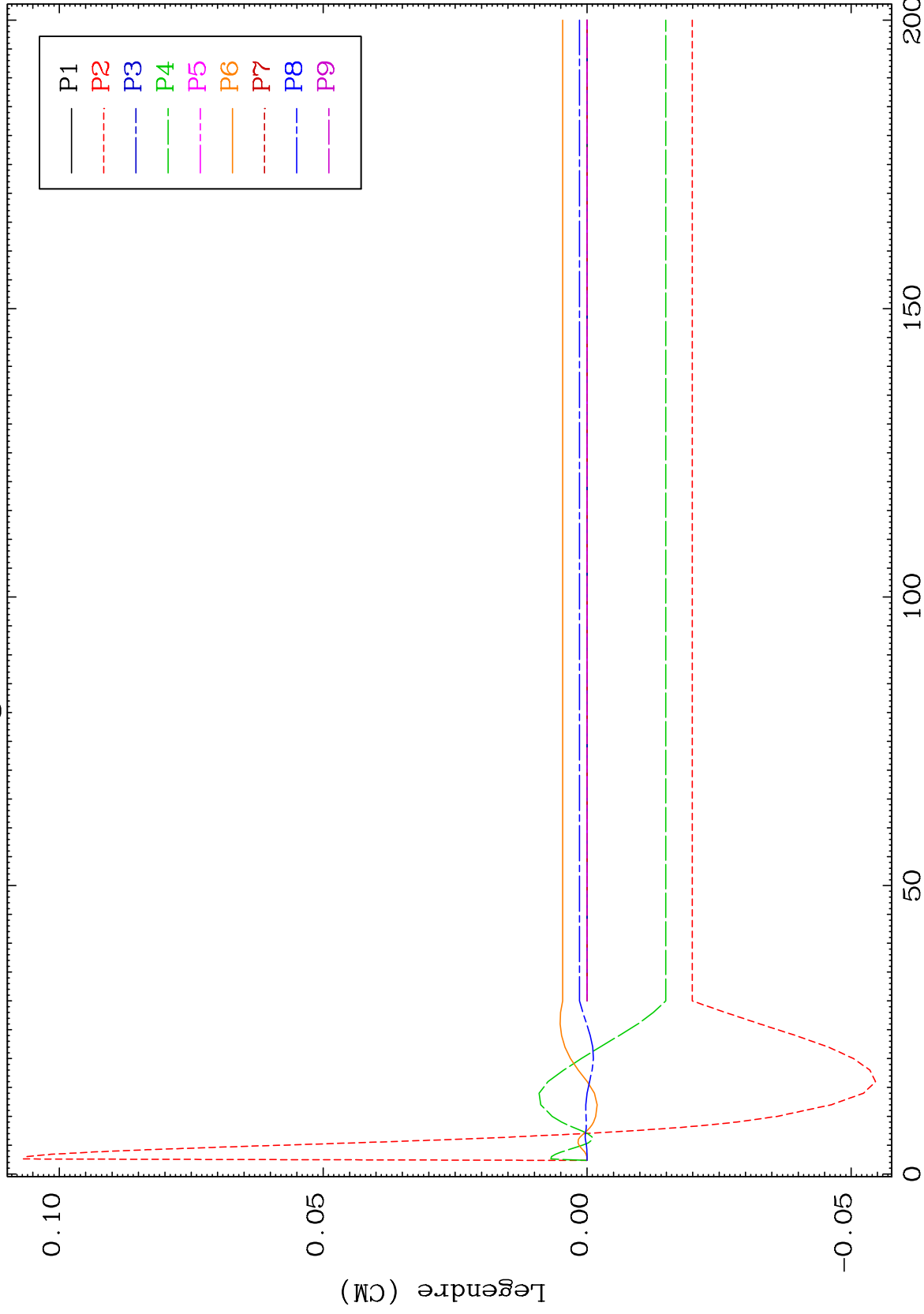
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



77

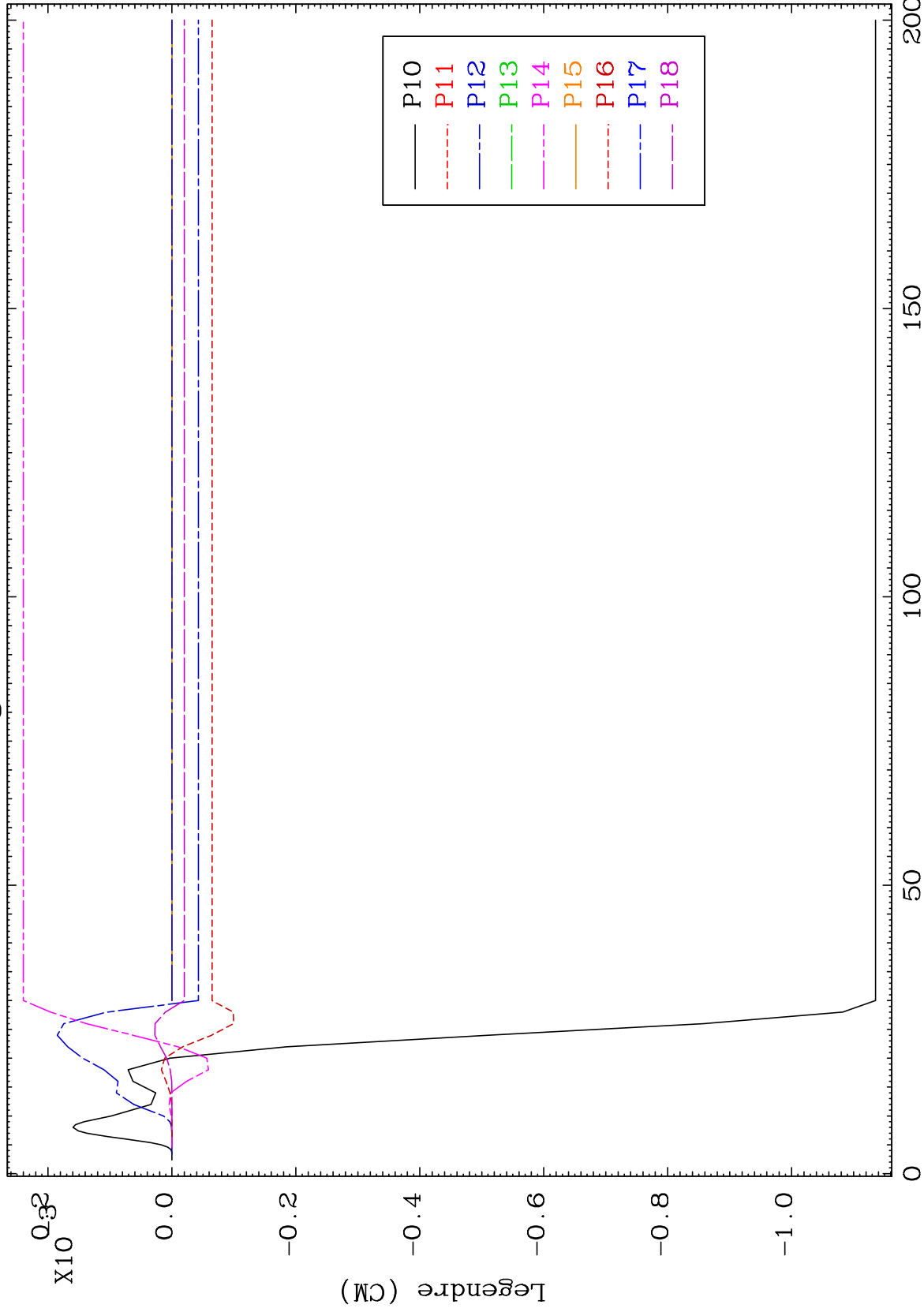
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



78

Incident Energy (MeV)

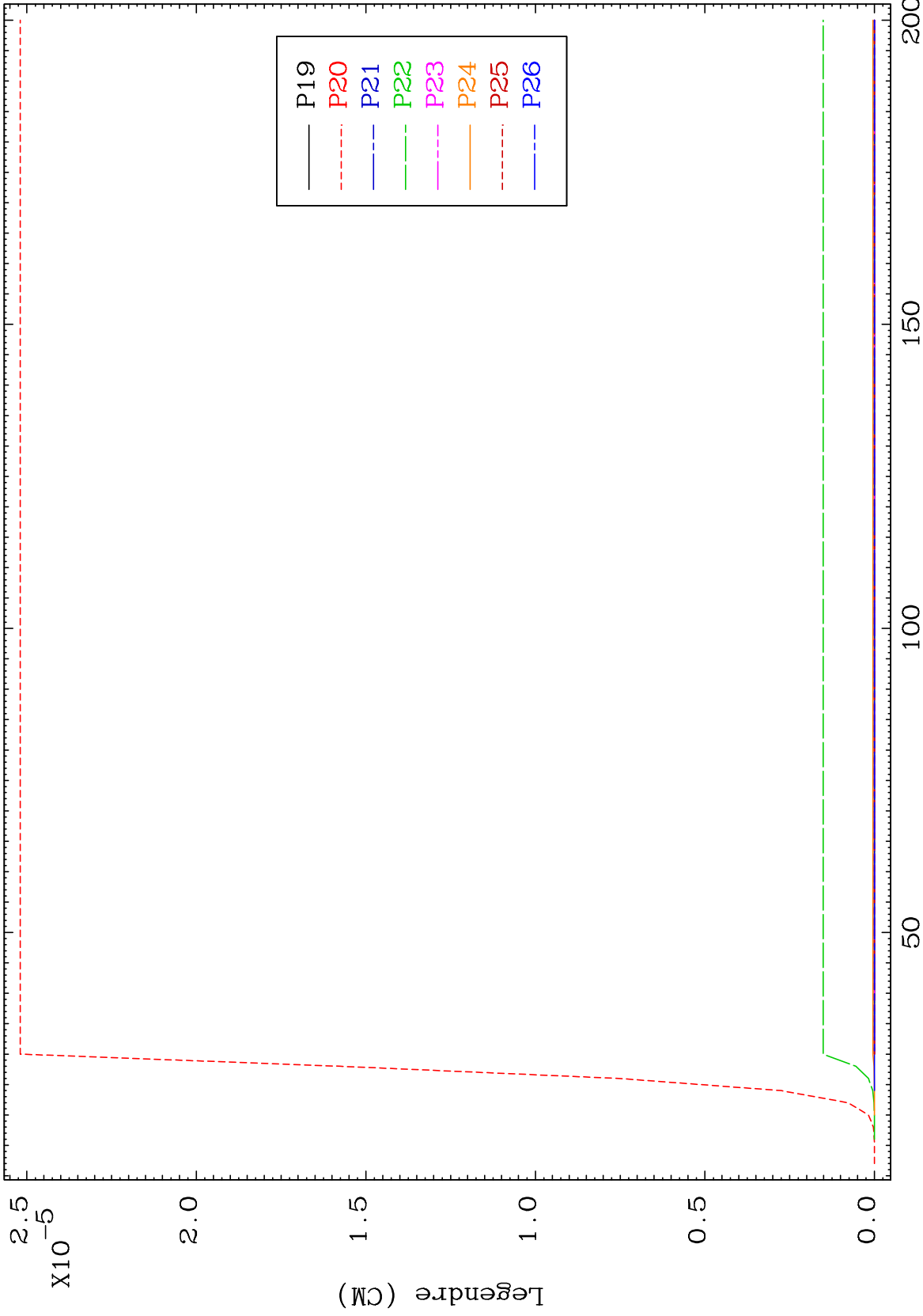
82-Pb-196

MAT 8201

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

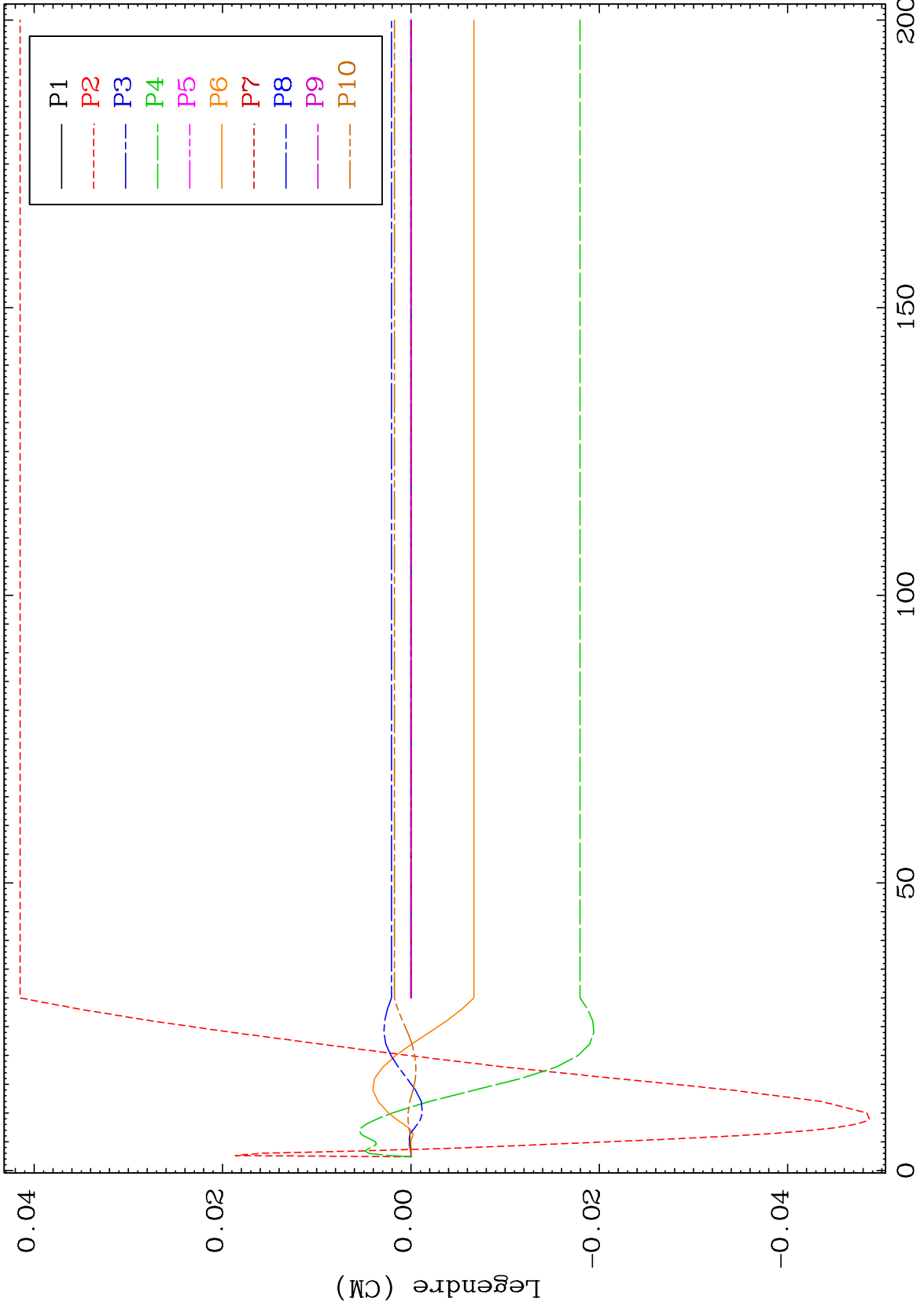
82-Pb-196

Incident Energy (MeV)



79

MAT 8201 MT= 67 (n,n') Level Legendre Coefficients 82-Pb-196

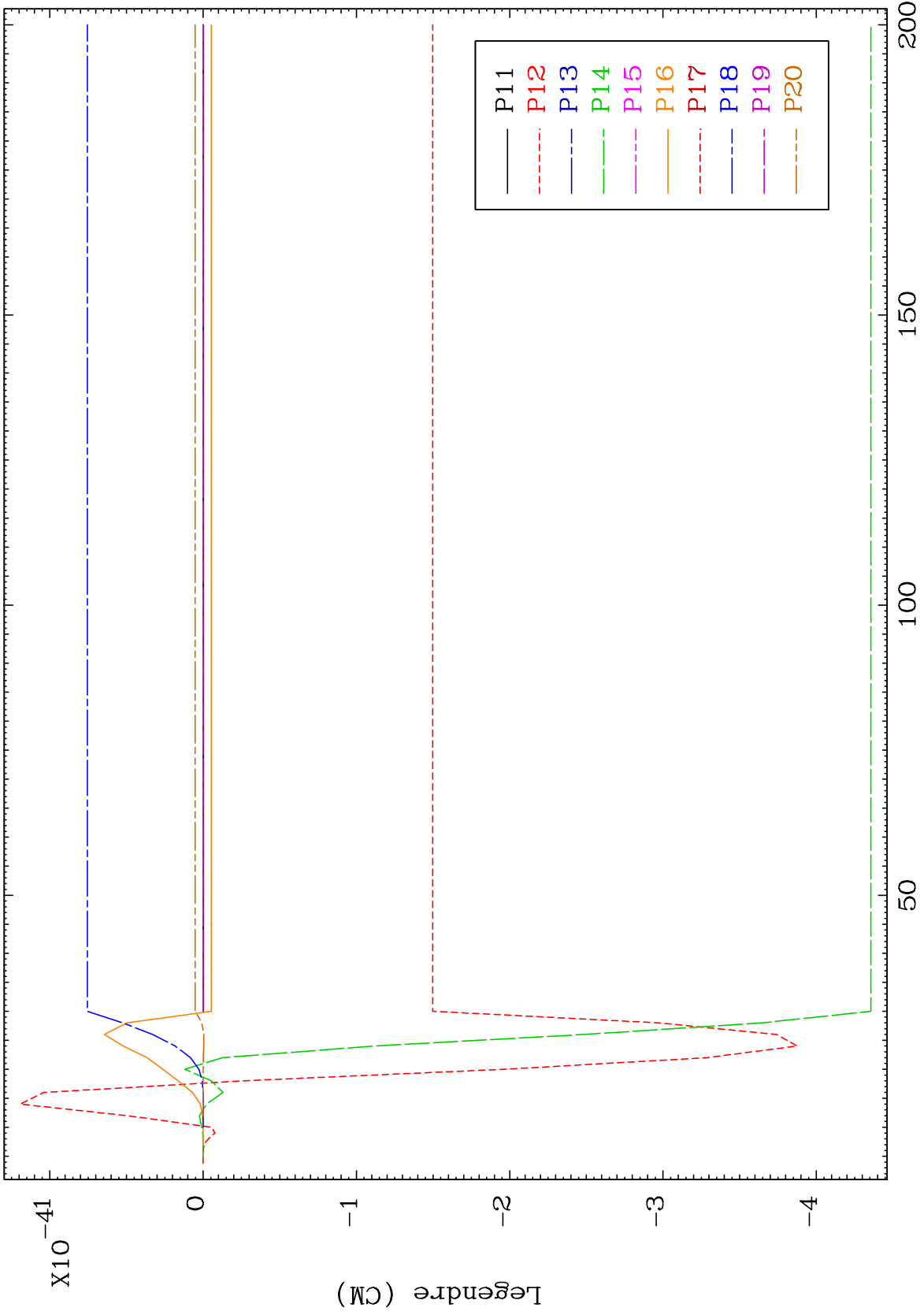


82-Pb-196

MAT 8201

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

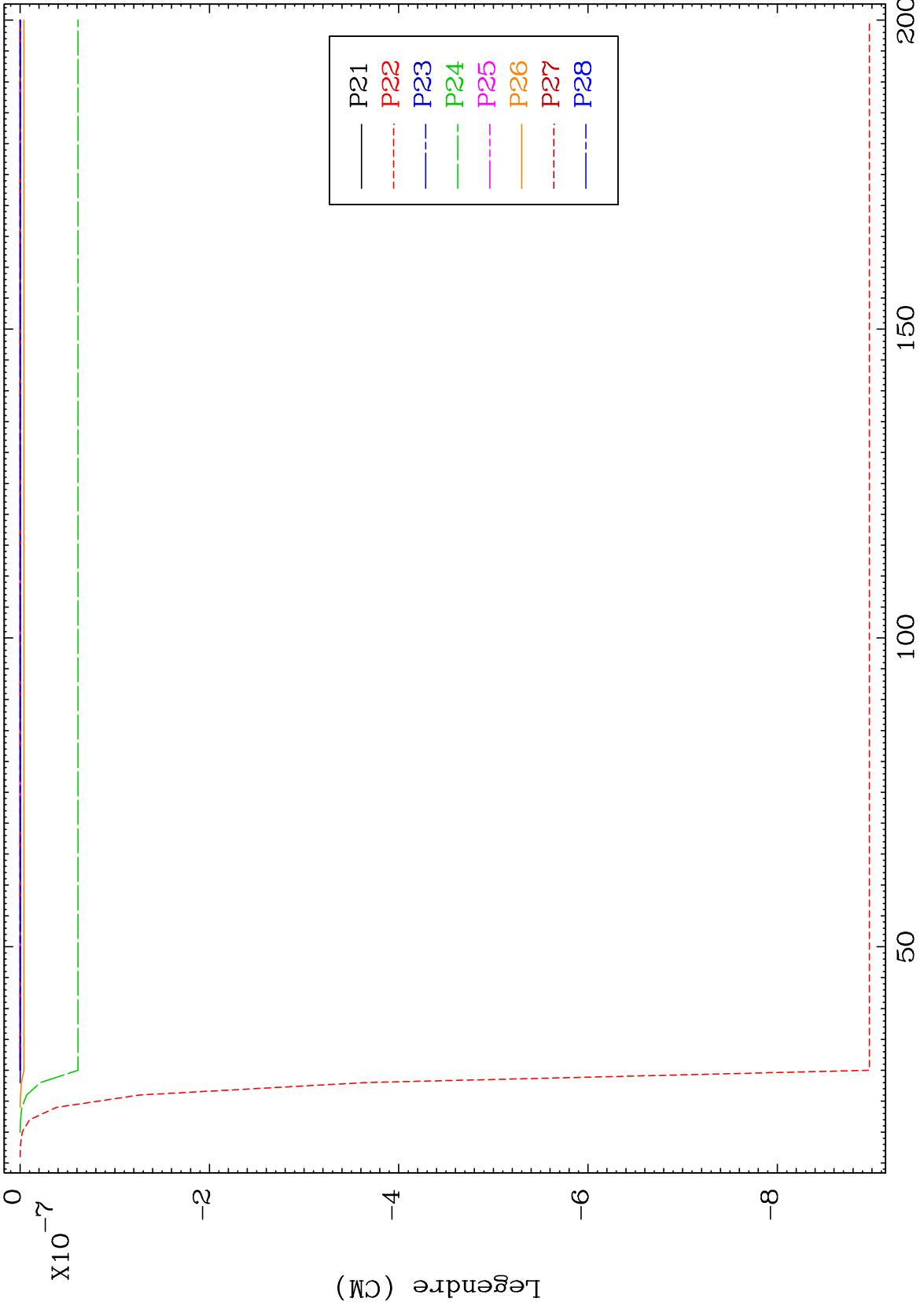
82-Pb-196



81

82-Pb-196

MAT 8201 MT= 67 (n,n') Level Legendre Coefficients 82-Pb-196

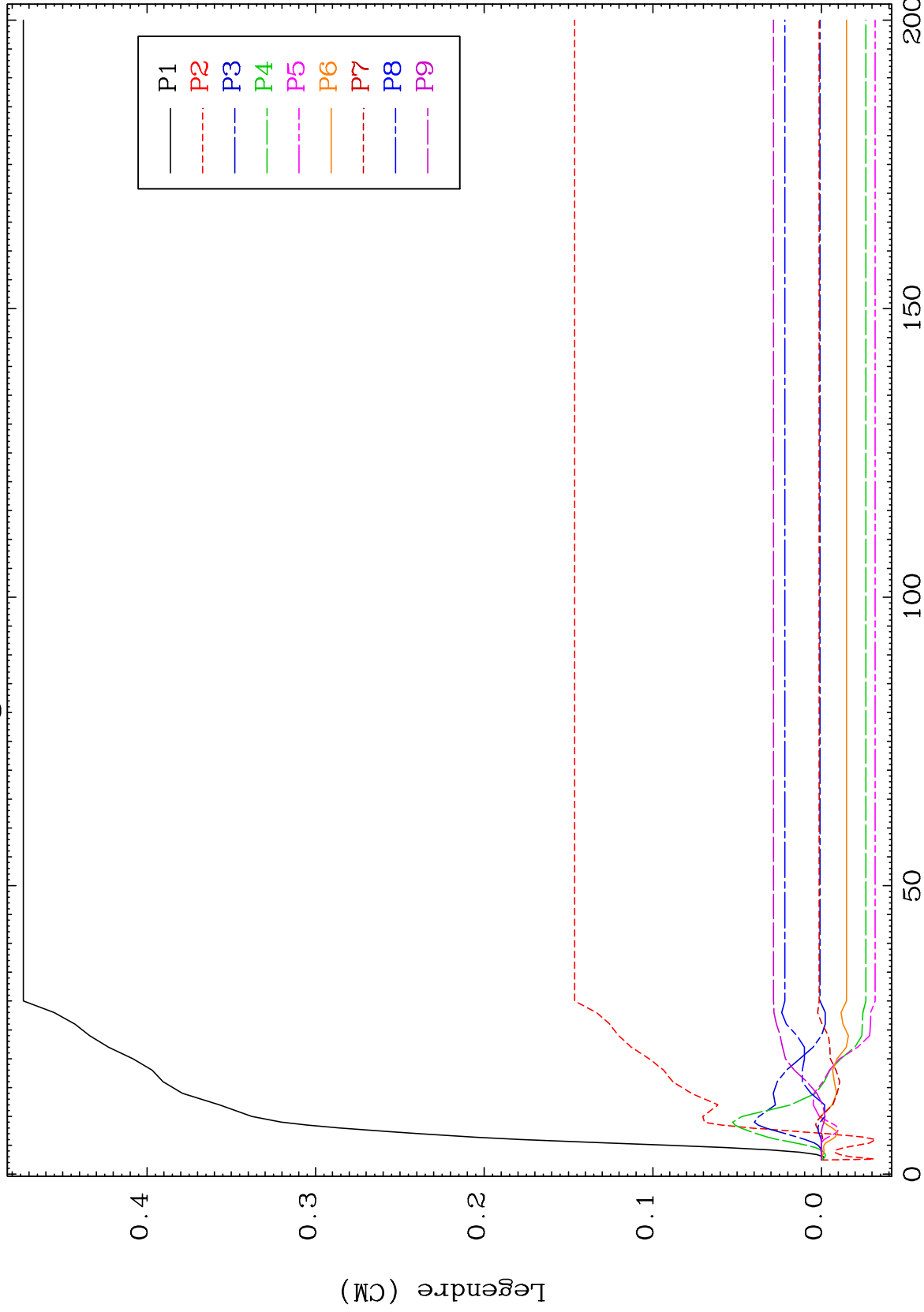


82 Incident Energy (MeV) 82-Pb-196

MAT 8201

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

82-Pb-196



83

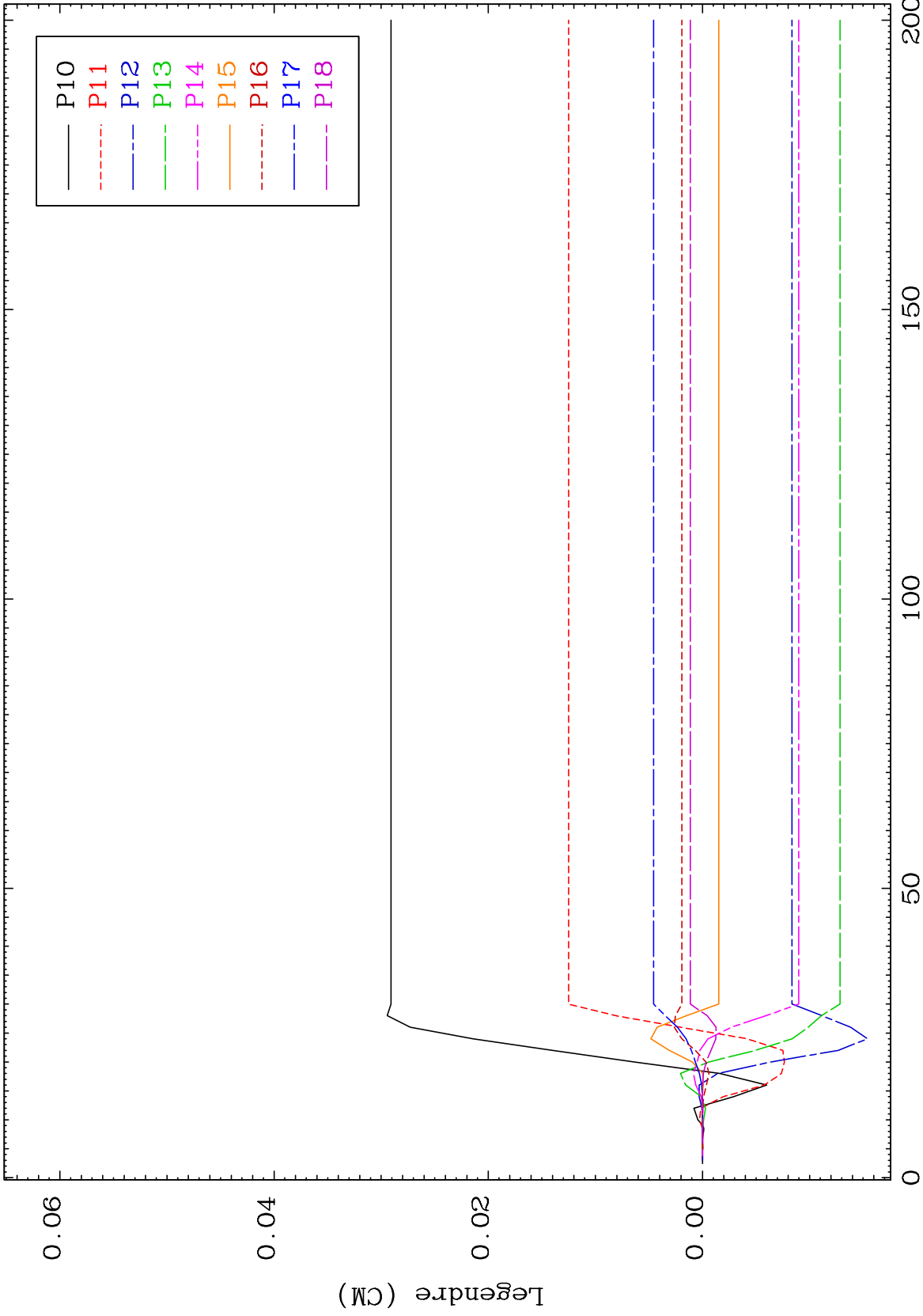
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



84

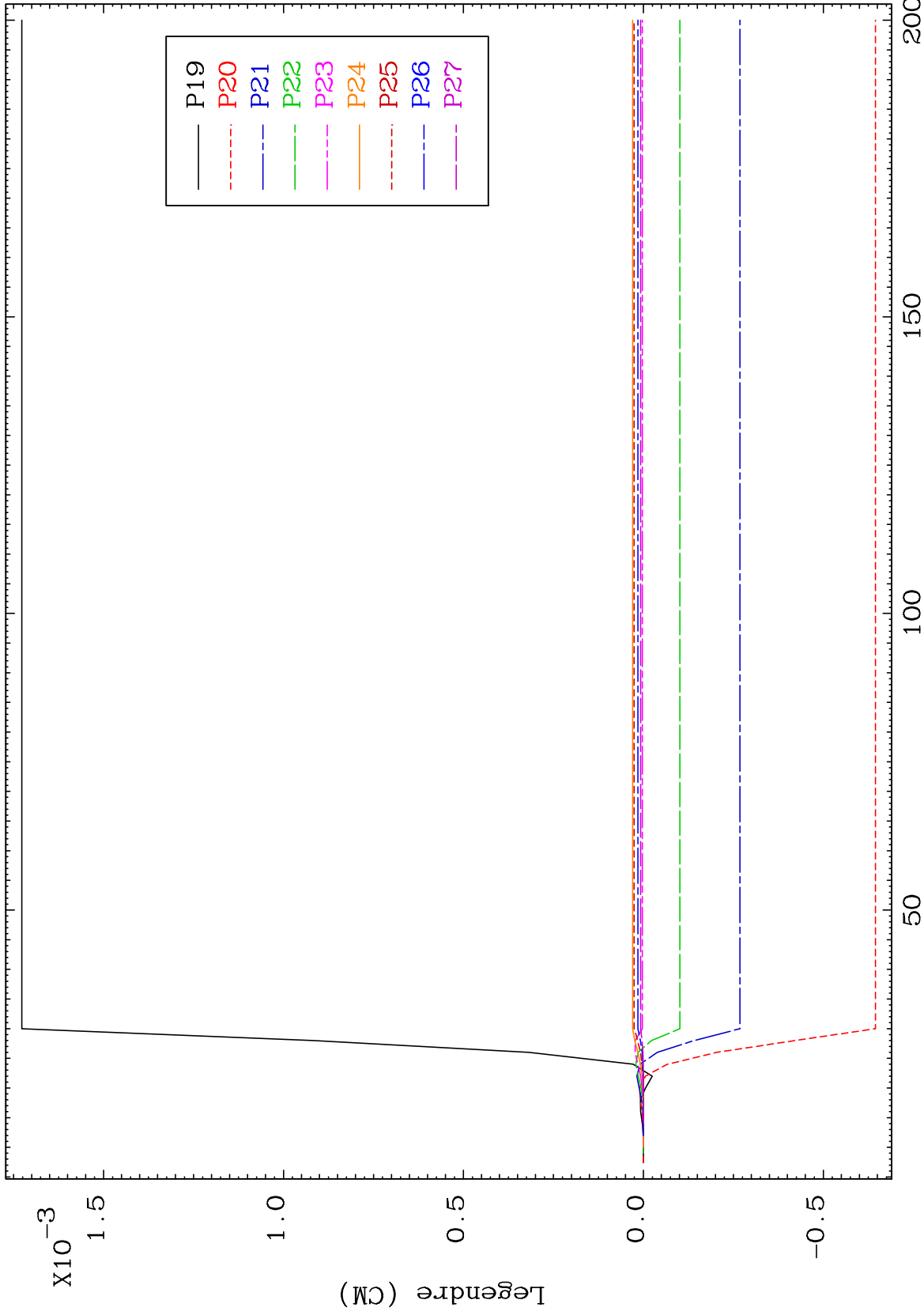
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



85

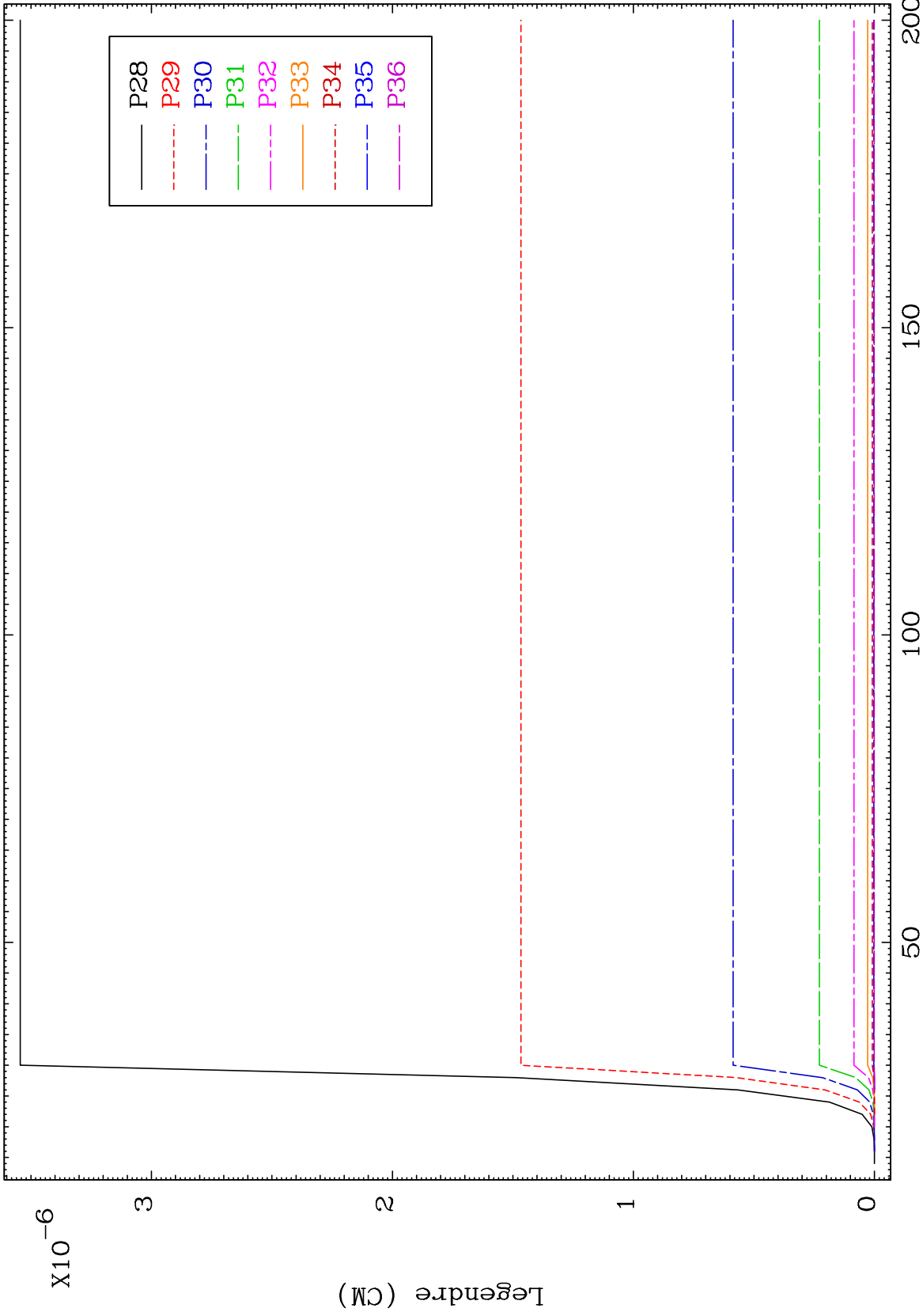
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

82-Pb-196



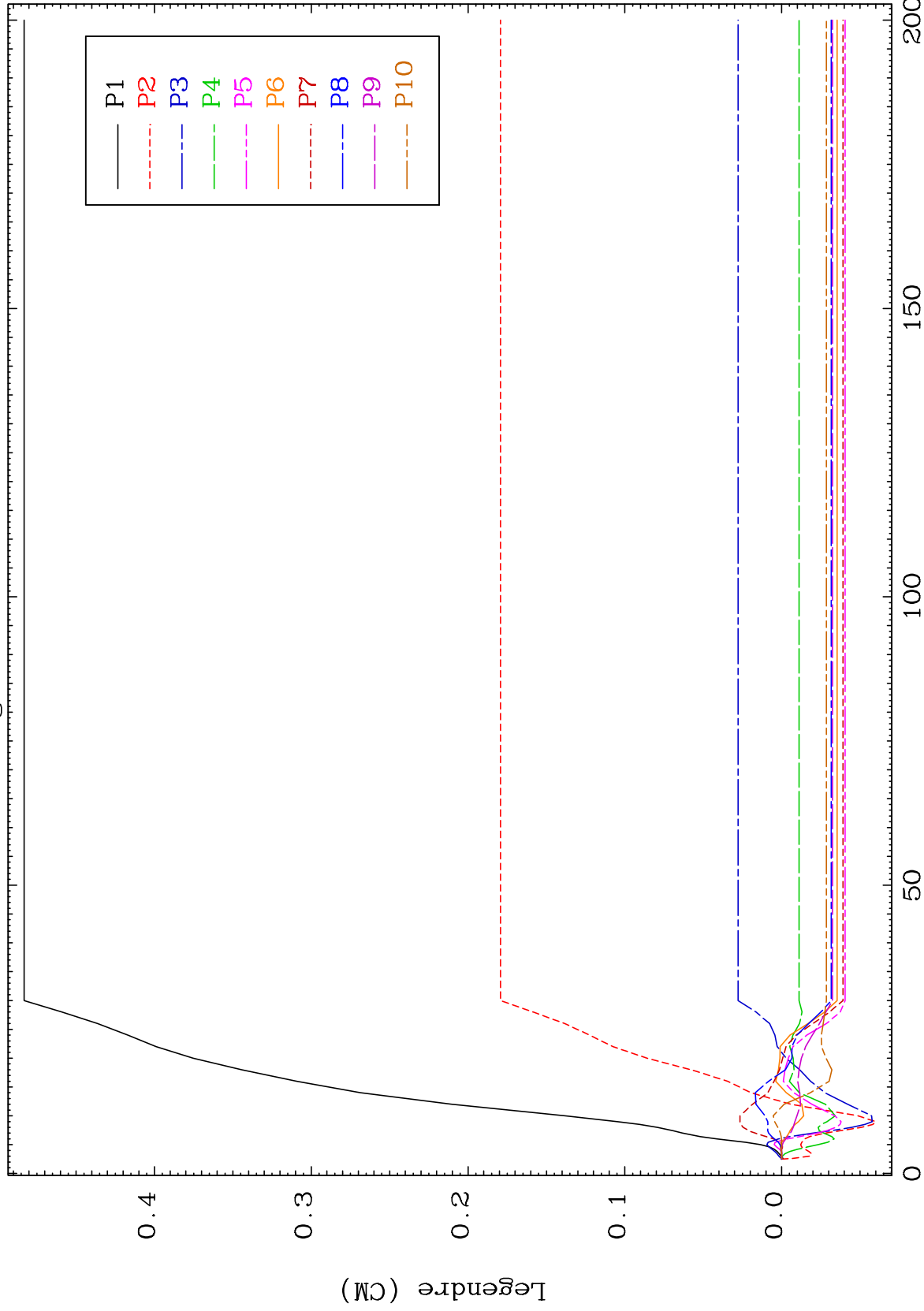
86

82-Pb-196

MAT 8201

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

82-Pb-196



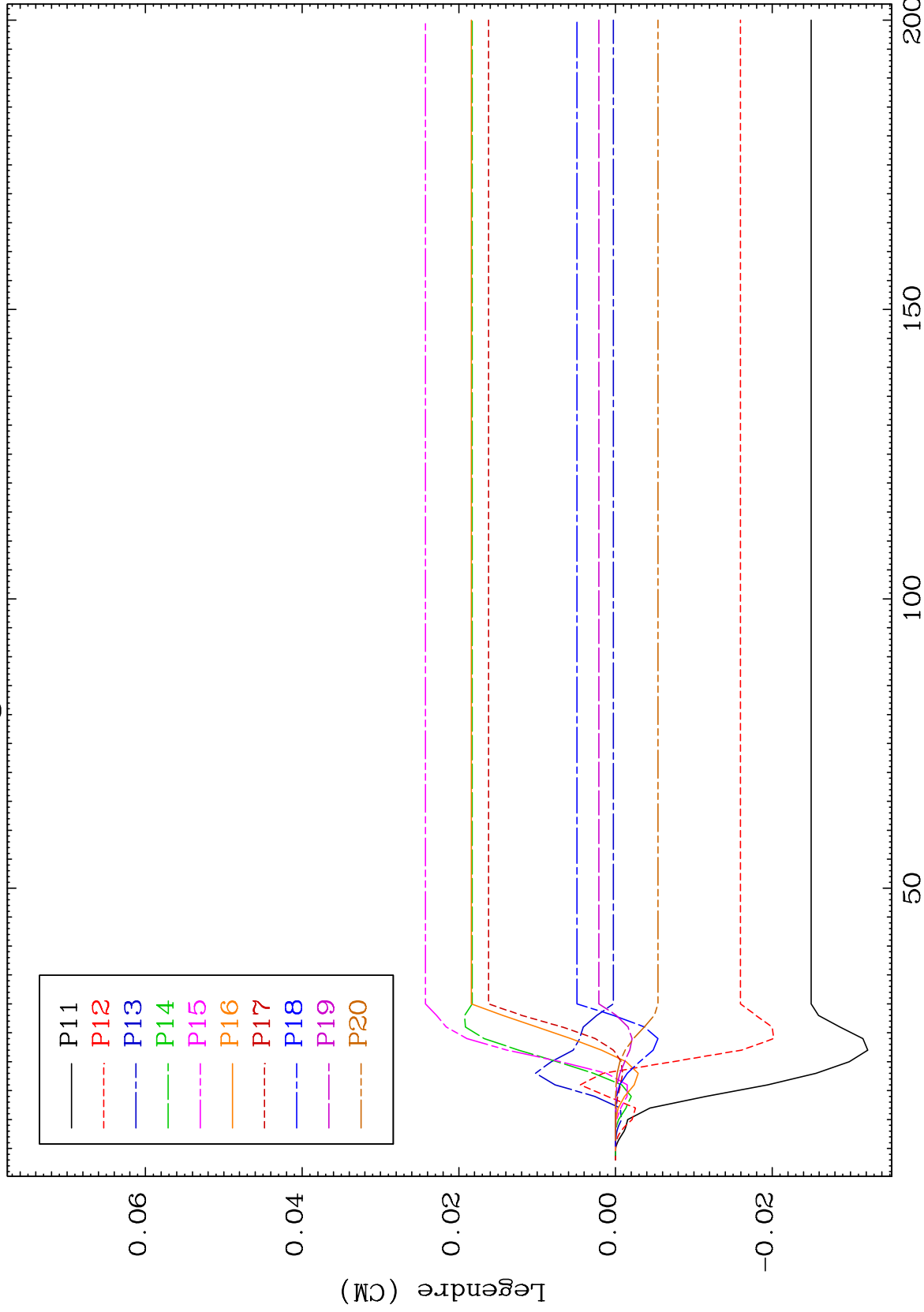
87

82-Pb-196

MAT 8201

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

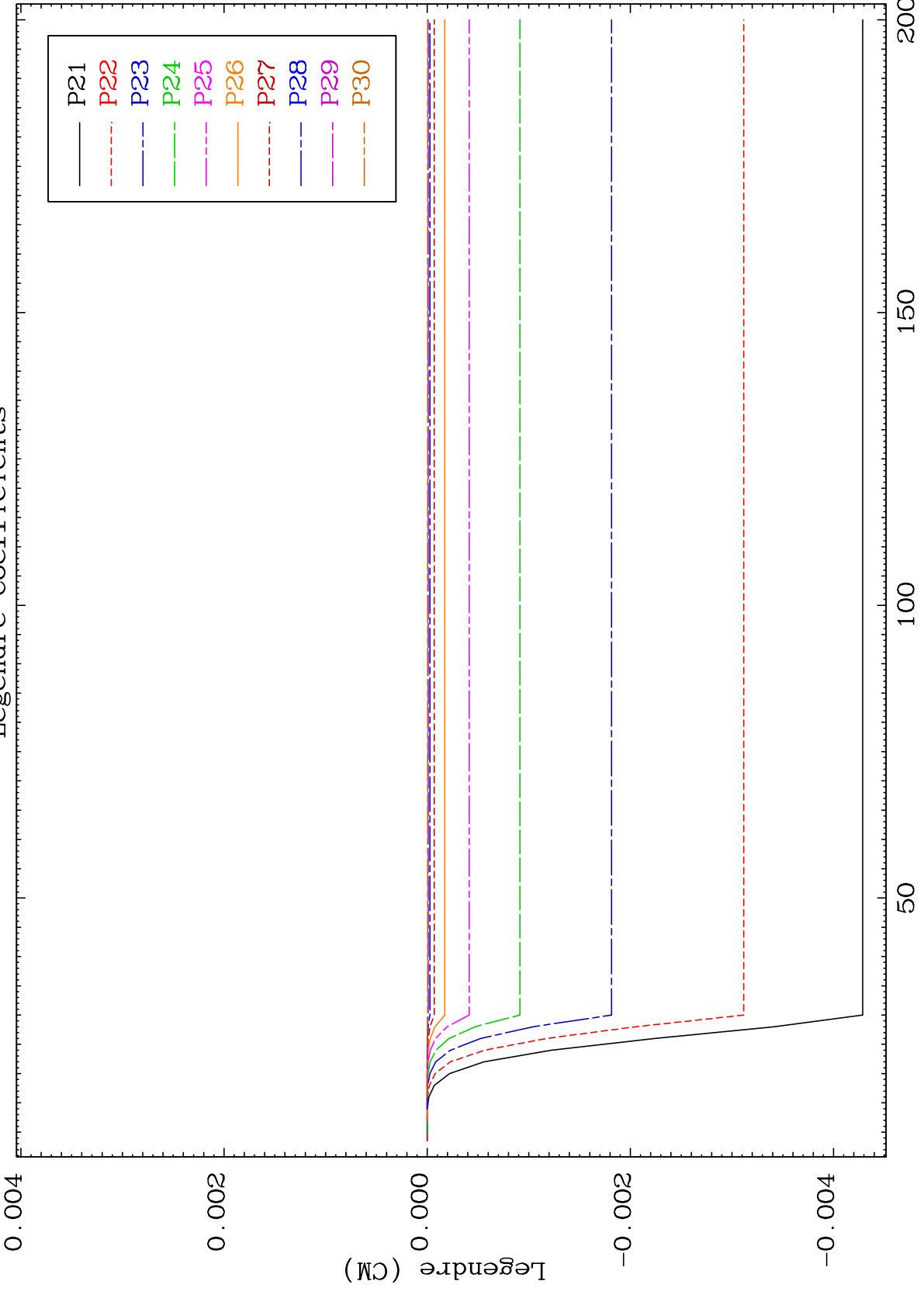
82-Pb-196



88

82-Pb-196

MAT 8201 MT= 69 (n,n') Level Legendre Coefficients 82-Pb-196

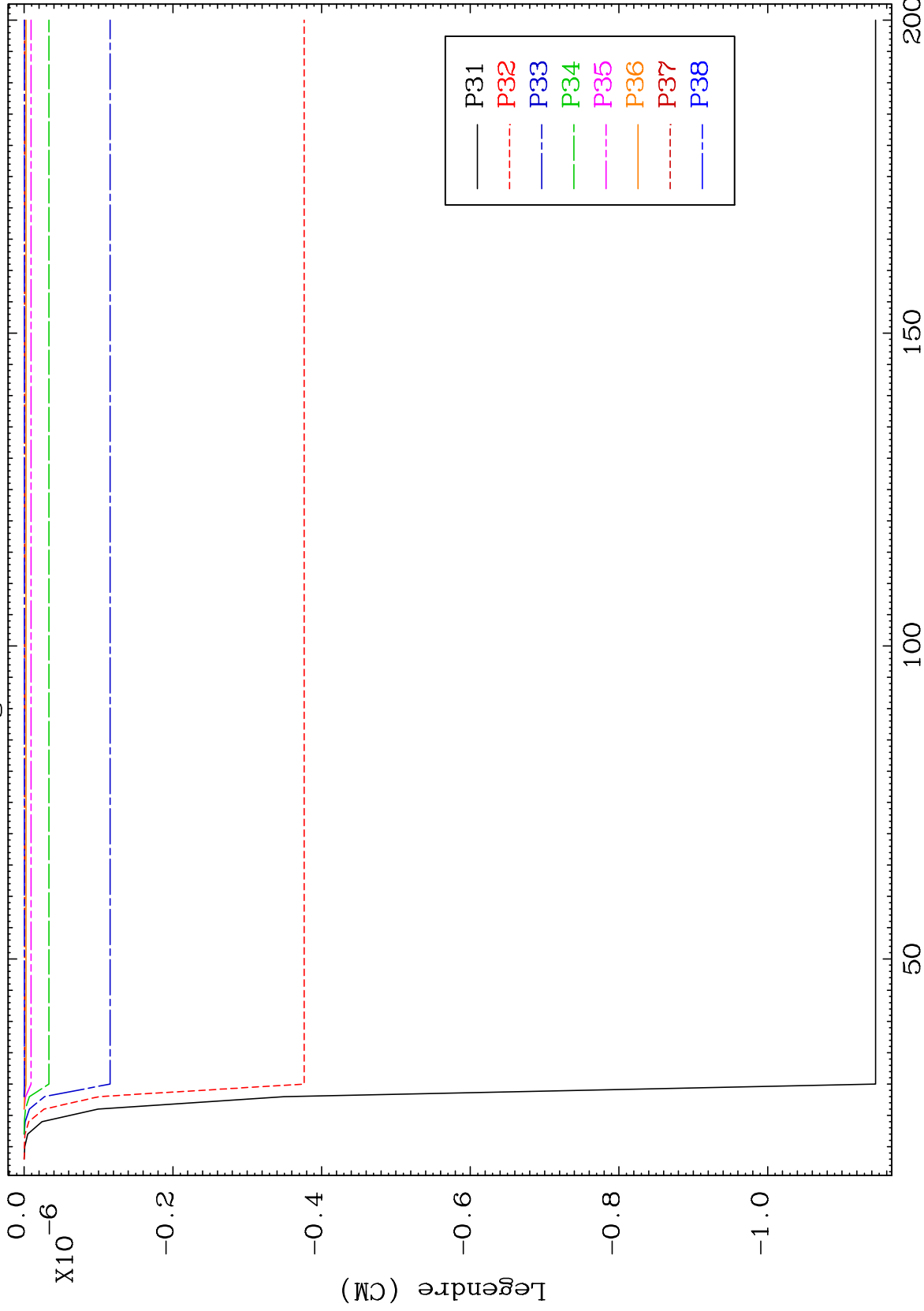


89 82-Pb-196

MAT 8201

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

82-Pb-196



82-Pb-196

Incident Energy (MeV)

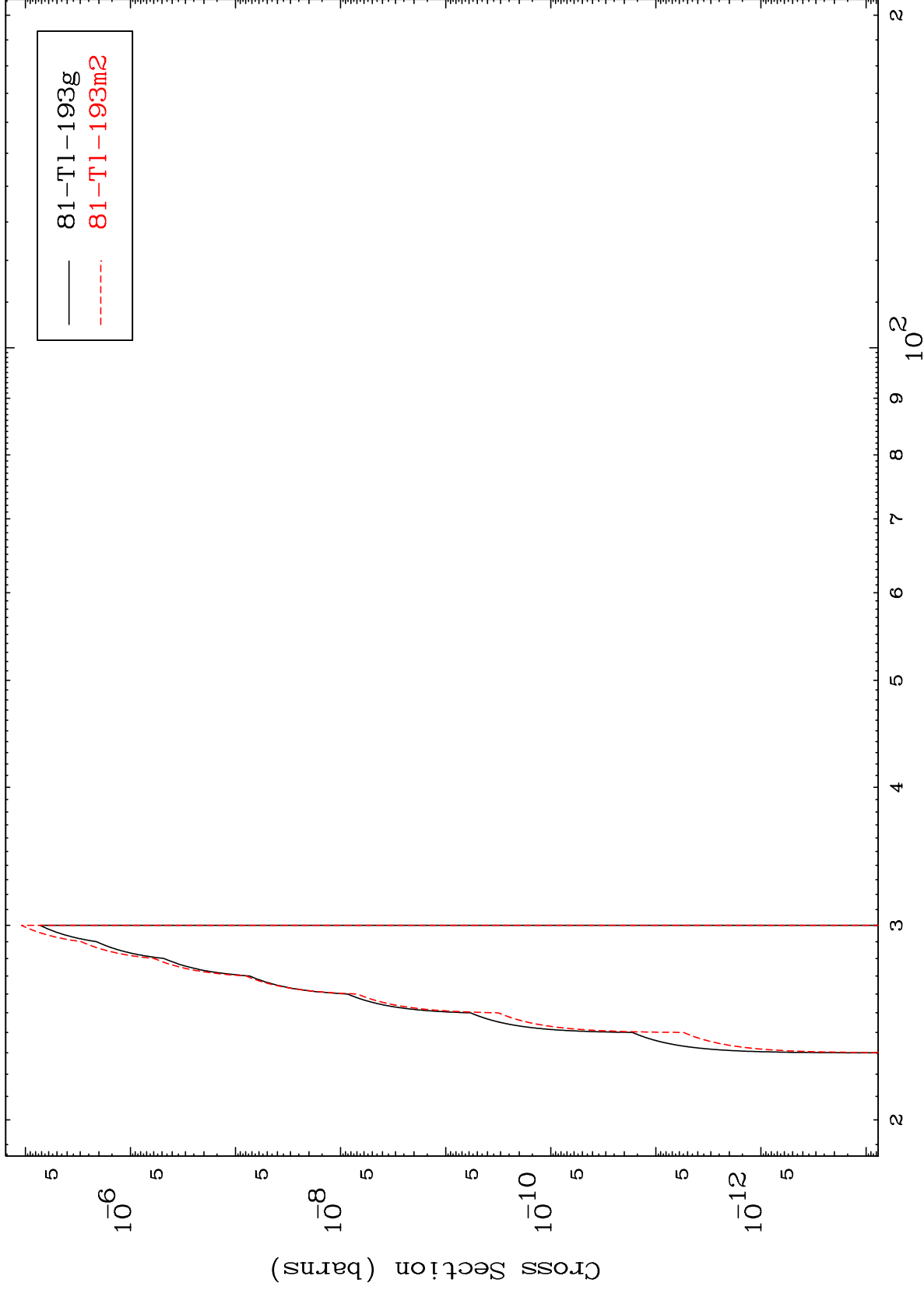
90

MAT 8201

(n,2n) d

82-Pb-196

Radionuclide Production Cross Section



91

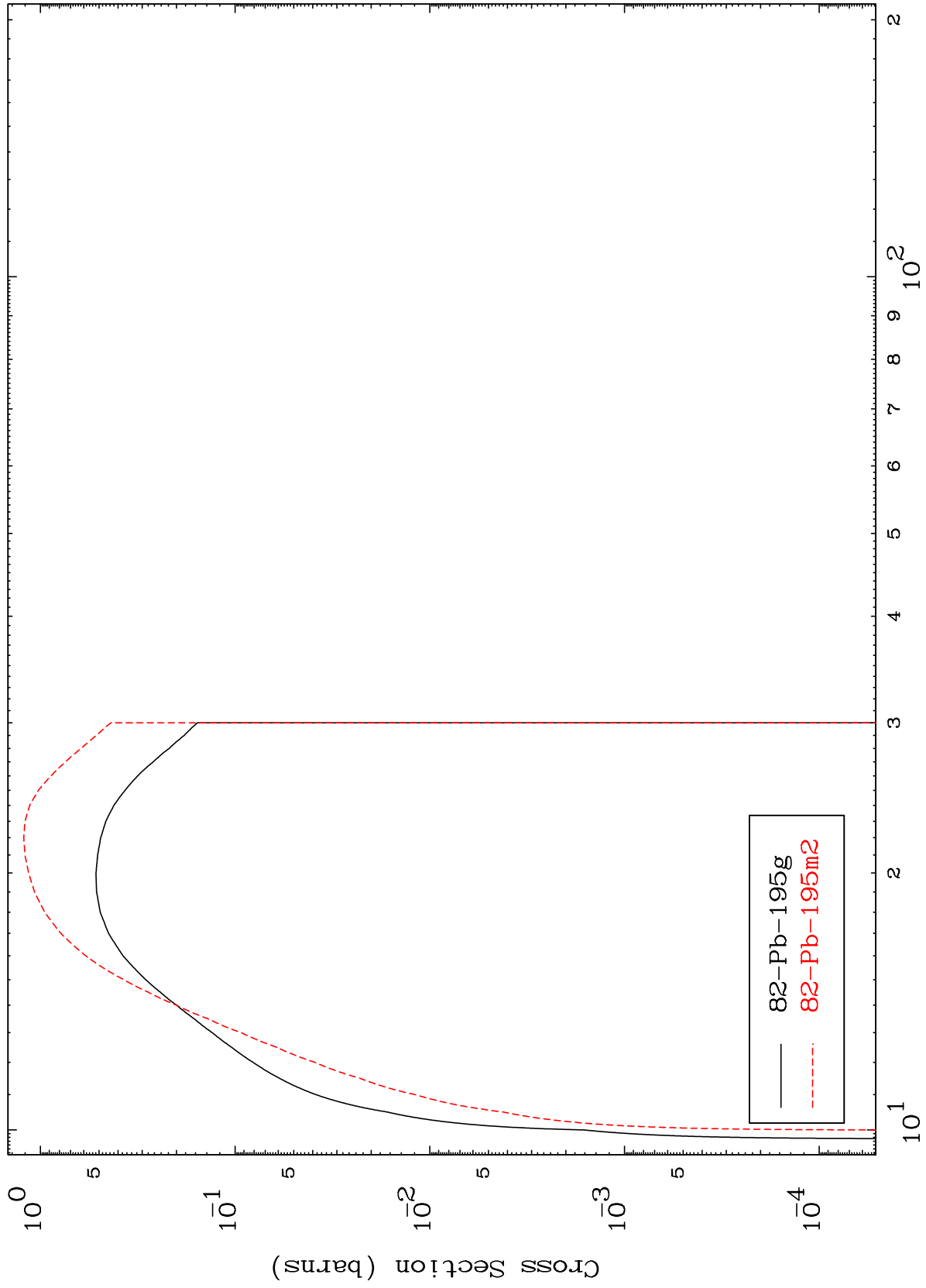
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n,2n)
Radionuclide Production Cross Section



92

Incident Energy (MeV)

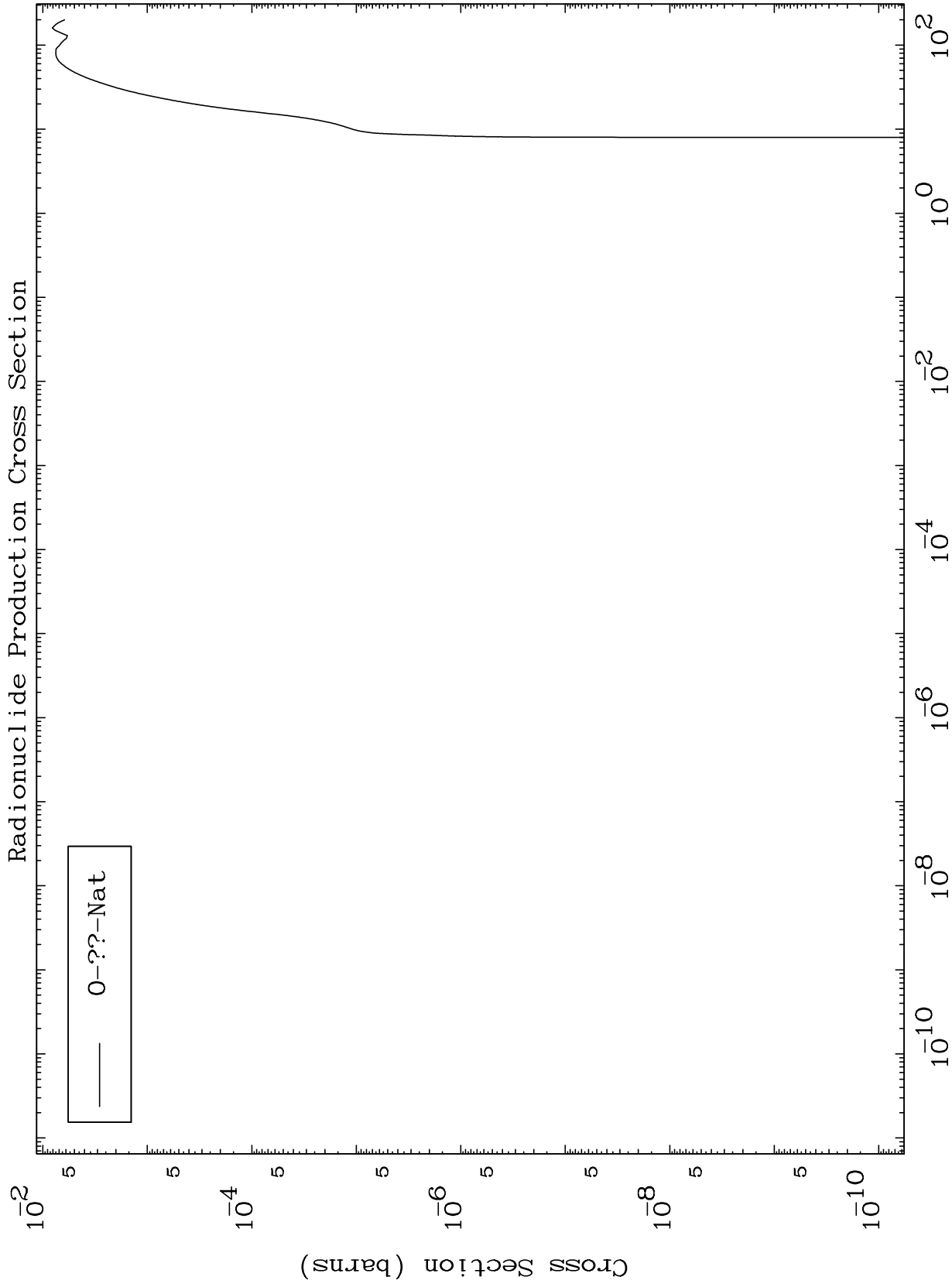
82-Pb-196

MAT 8201

Fission

82-Pb-196

Radionuclide Production Cross Section



93

Incident Energy (MeV)

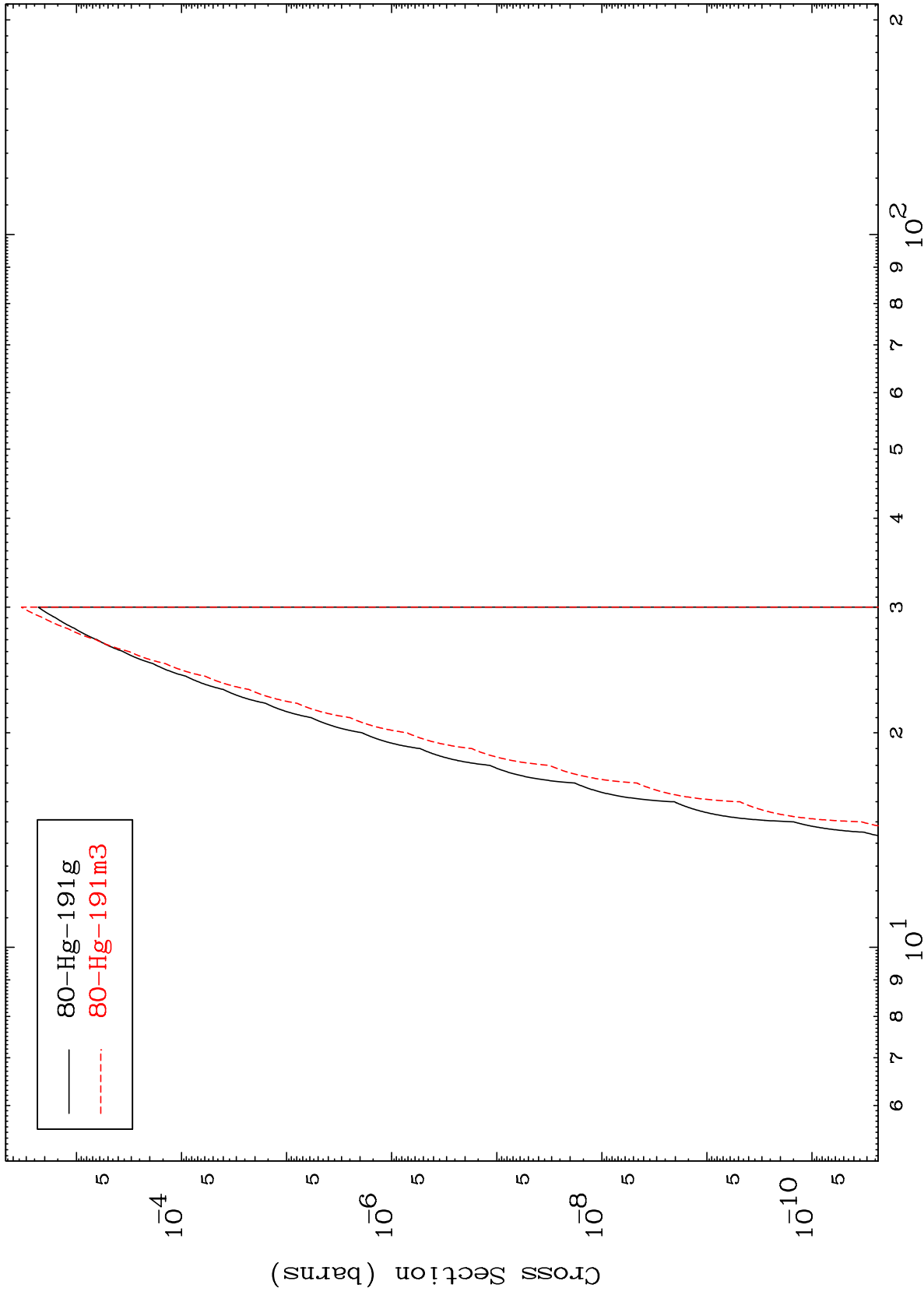
82-Pb-196

MAT 8201

(n,2n) α

82-Pb-196

Radionuclide Production Cross Section



94

Incident Energy (MeV)

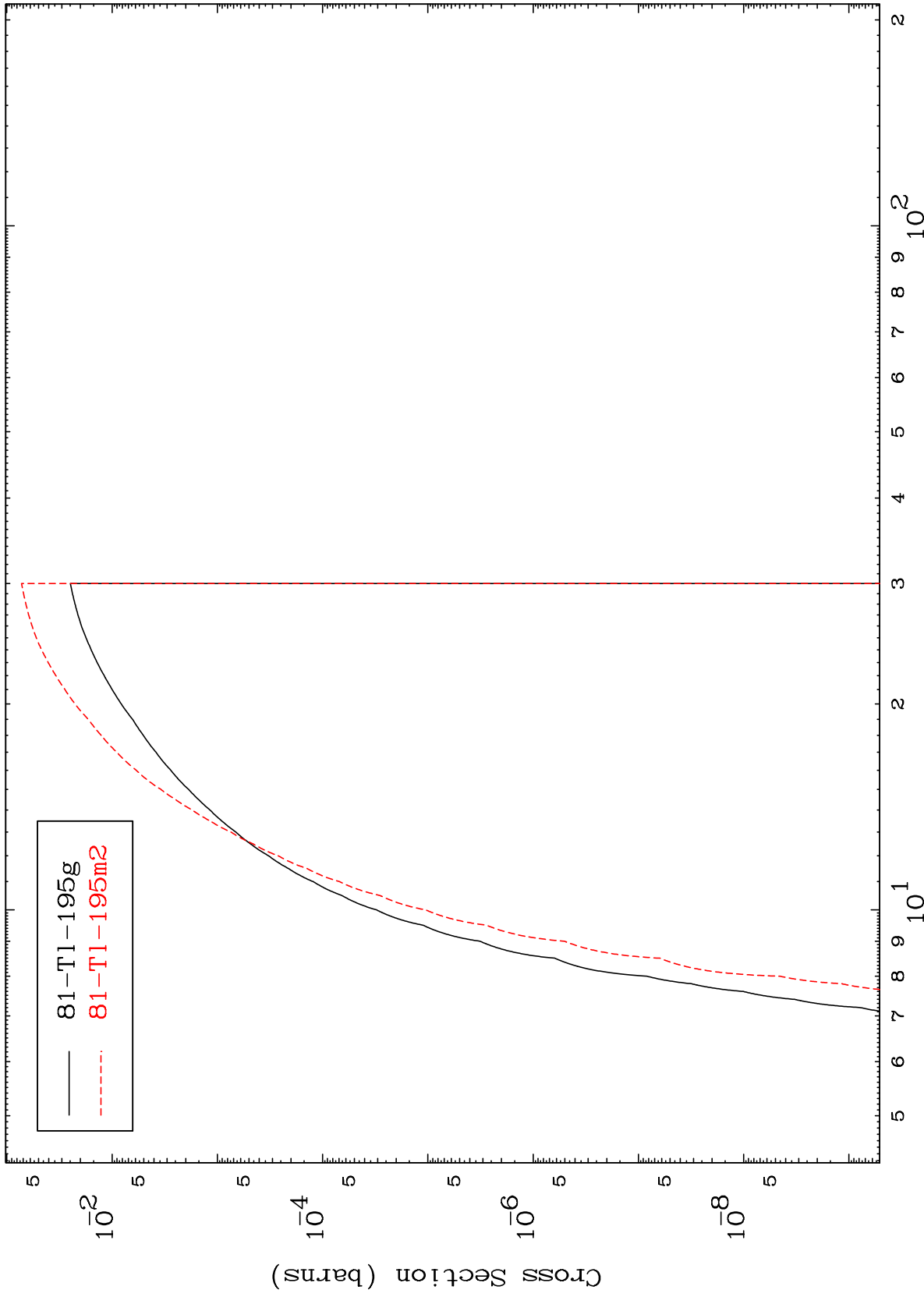
82-Pb-196

MAT 8201

(n,n') p

82-Pb-196

Radionuclide Production Cross Section



95

Incident Energy (MeV)

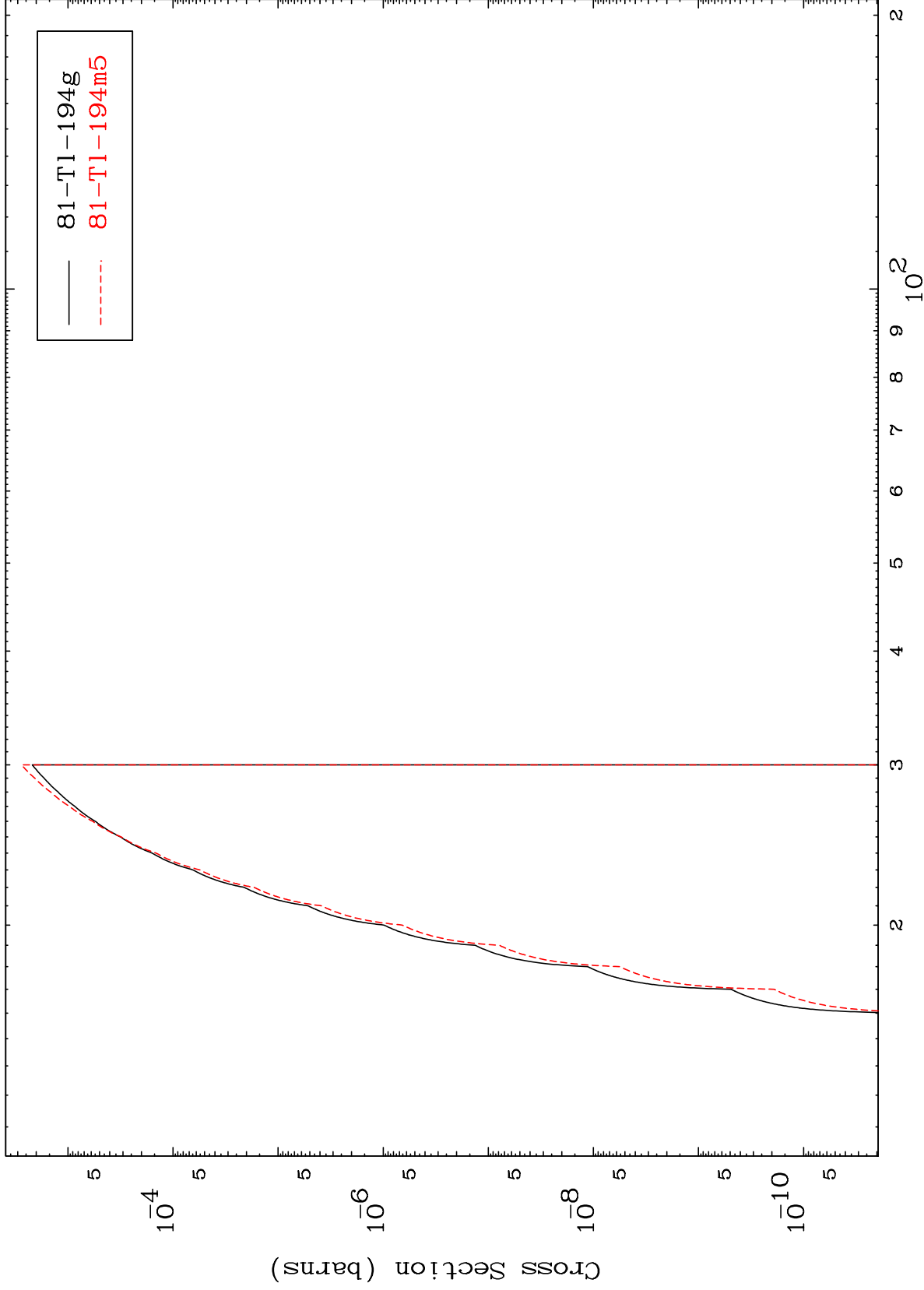
82-Pb-196

MAT 8201

(n, n') d

82-Pb-196

Radionuclide Production Cross Section



96

Incident Energy (MeV)

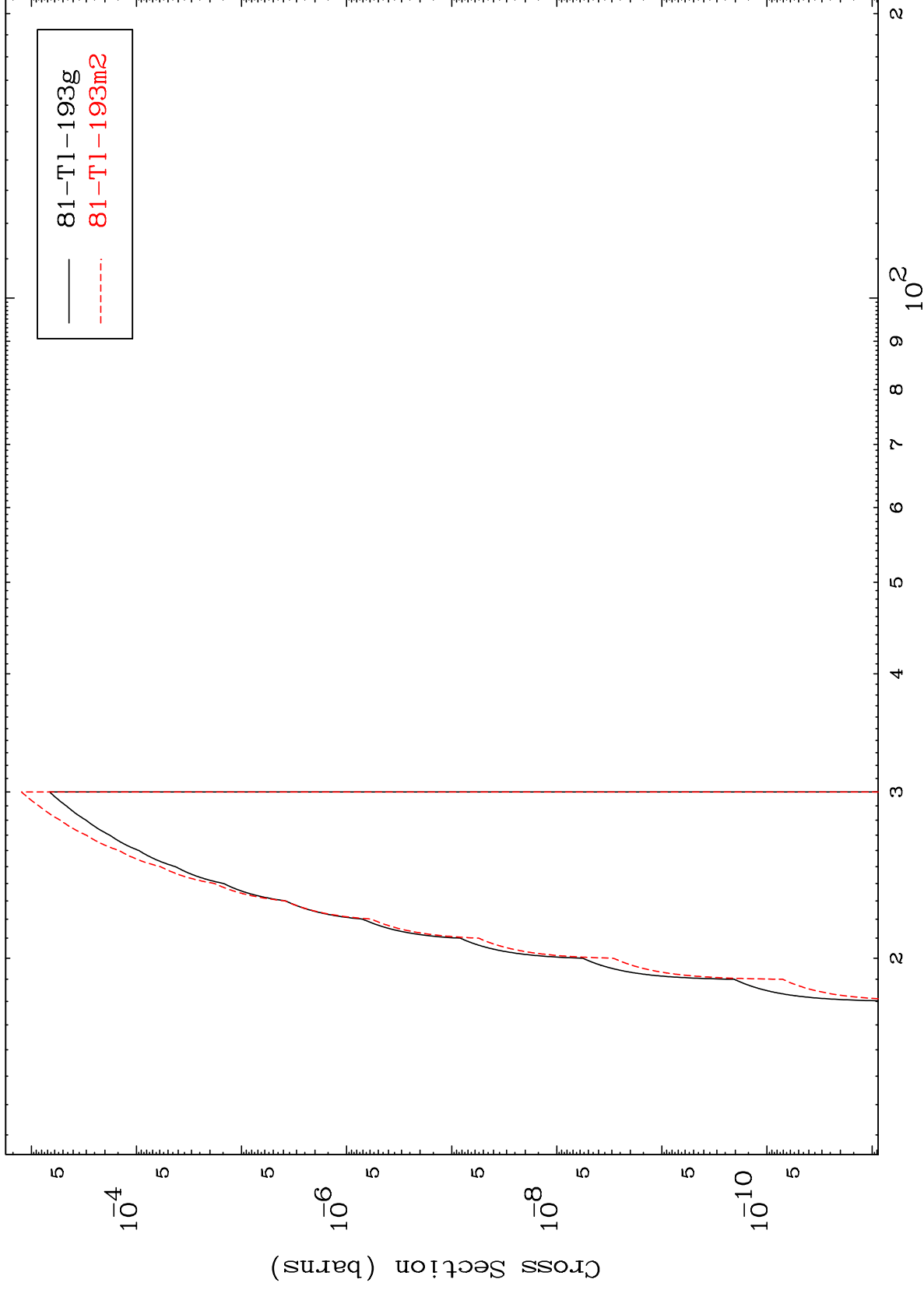
82-Pb-196

MAT 8201

(n,n') t

82-Pb-196

Radionuclide Production Cross Section



97

Incident Energy (MeV)

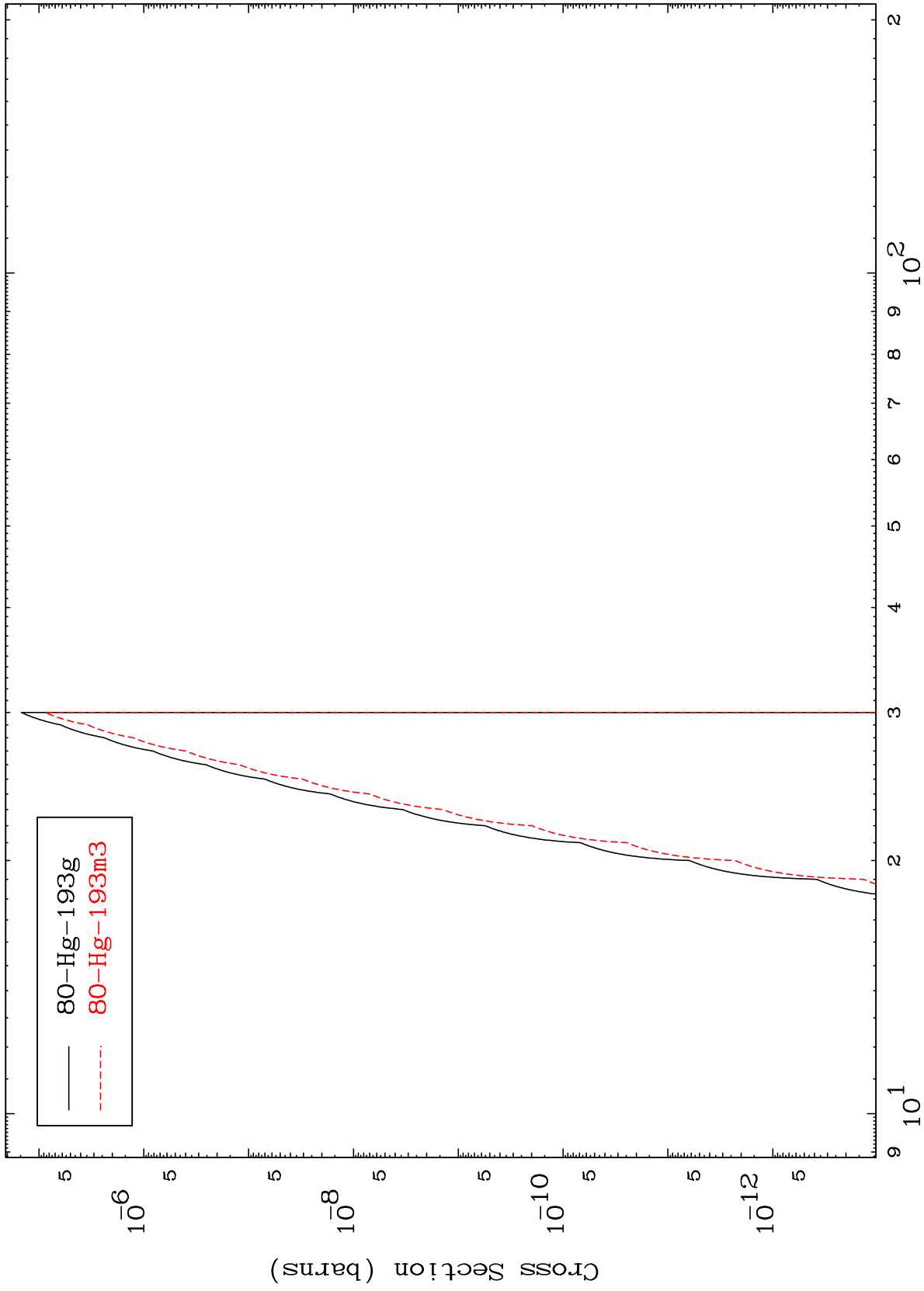
82-Pb-196

MAT 8201

(n, n') He-3

82-Pb-196

Radionuclide Production Cross Section



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

98

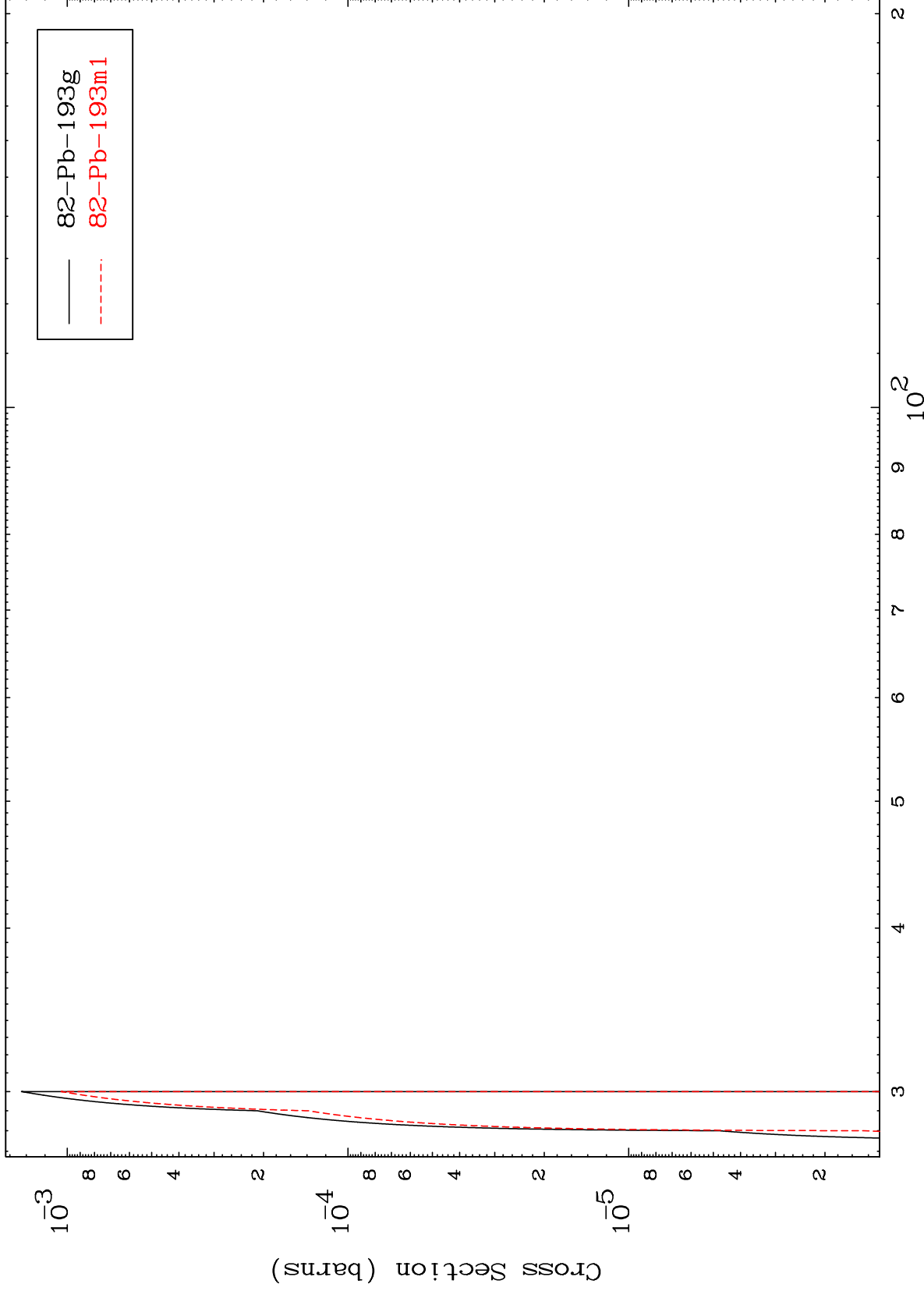
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n,4n)
Radionuclide Production Cross Section



99

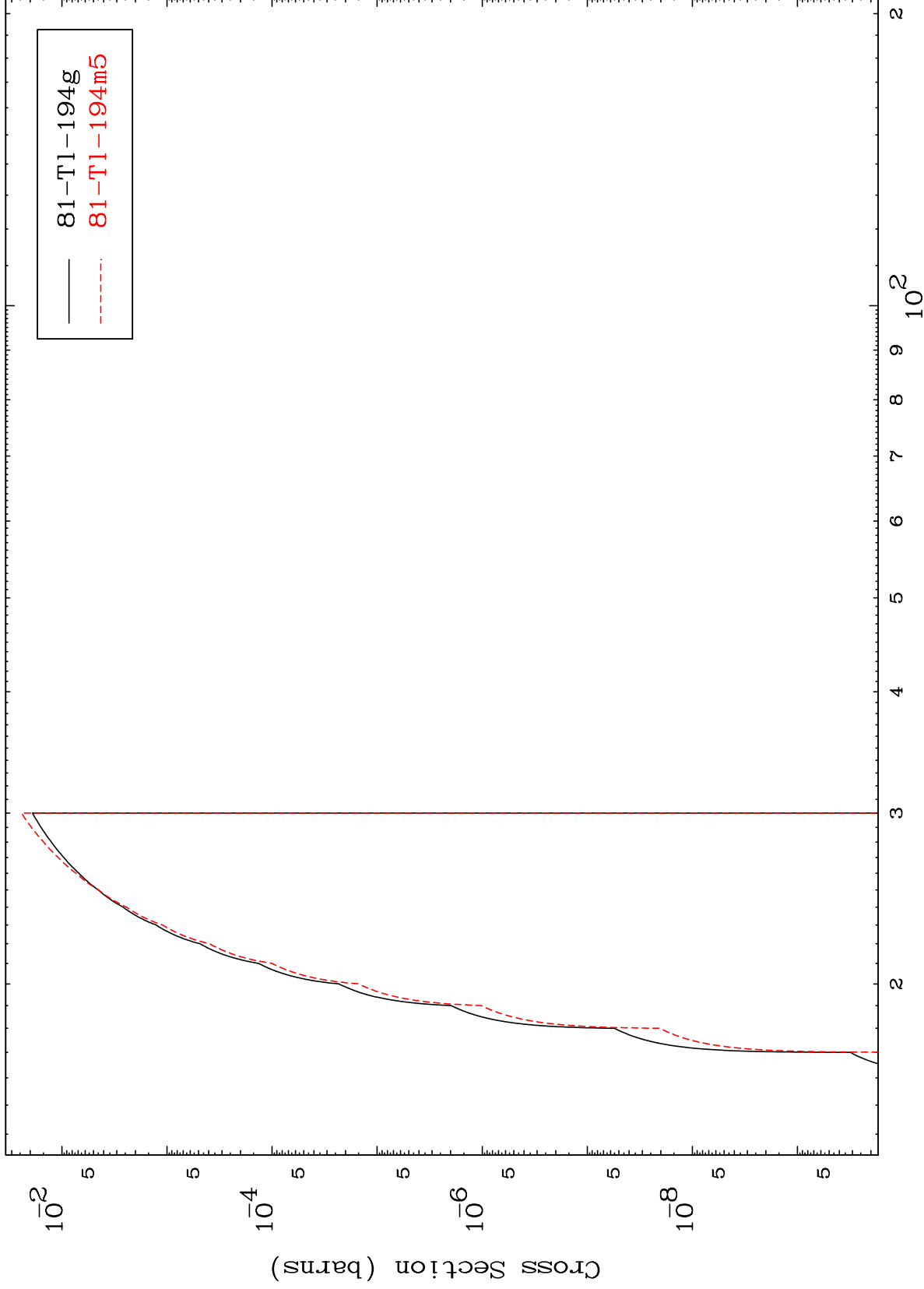
82-Pb-196

MAT 8201

(n,2n) p

82-Pb-196

Radionuclide Production Cross Section



100

Incident Energy (MeV)

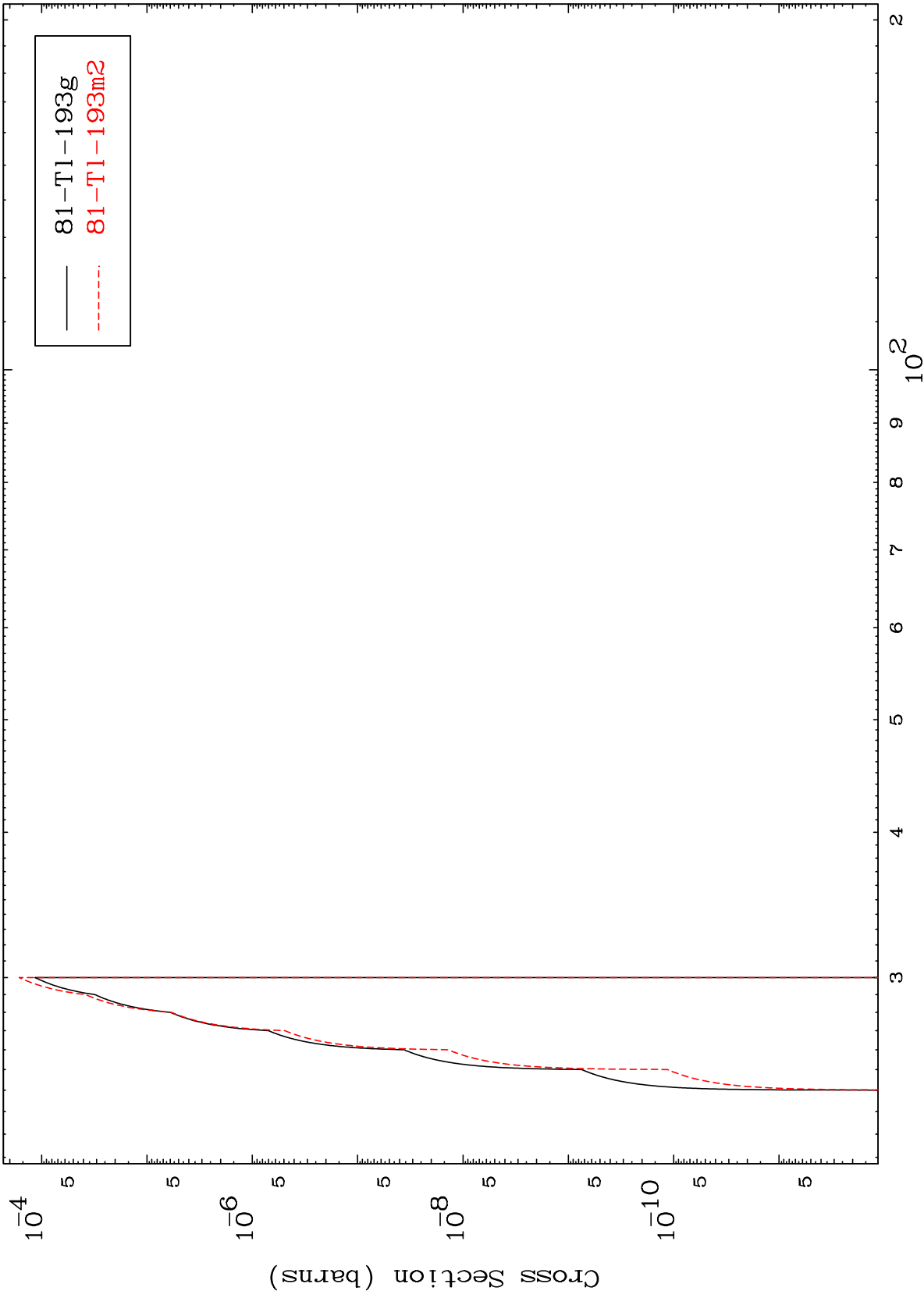
82-Pb-196

MAT 8201

(n,3n) p

82-Pb-196

Radionuclide Production Cross Section



101

Incident Energy (MeV)

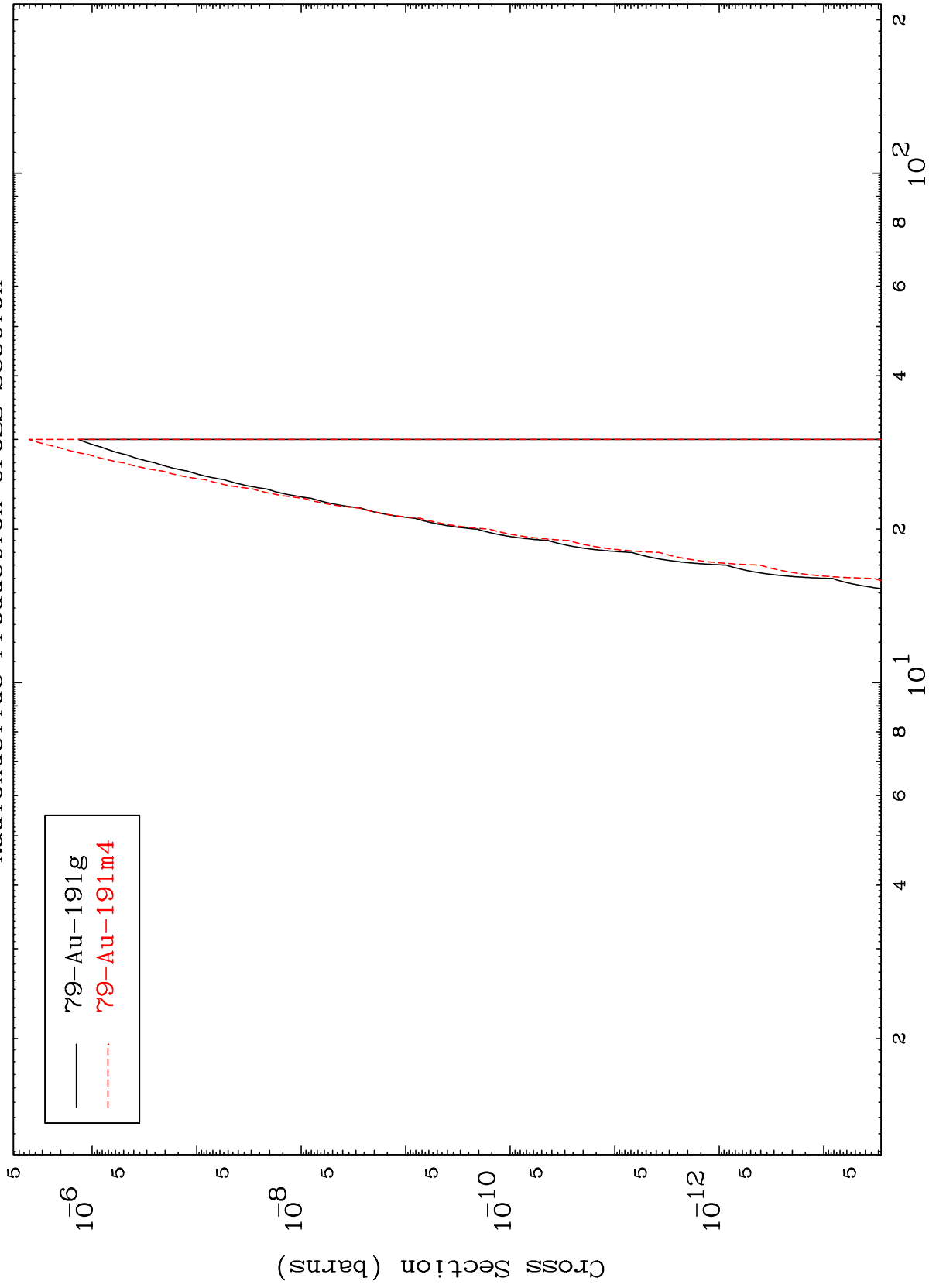
82-Pb-196

MAT 8201

(n,n') p α

82-Pb-196

Radionuclide Production Cross Section



102

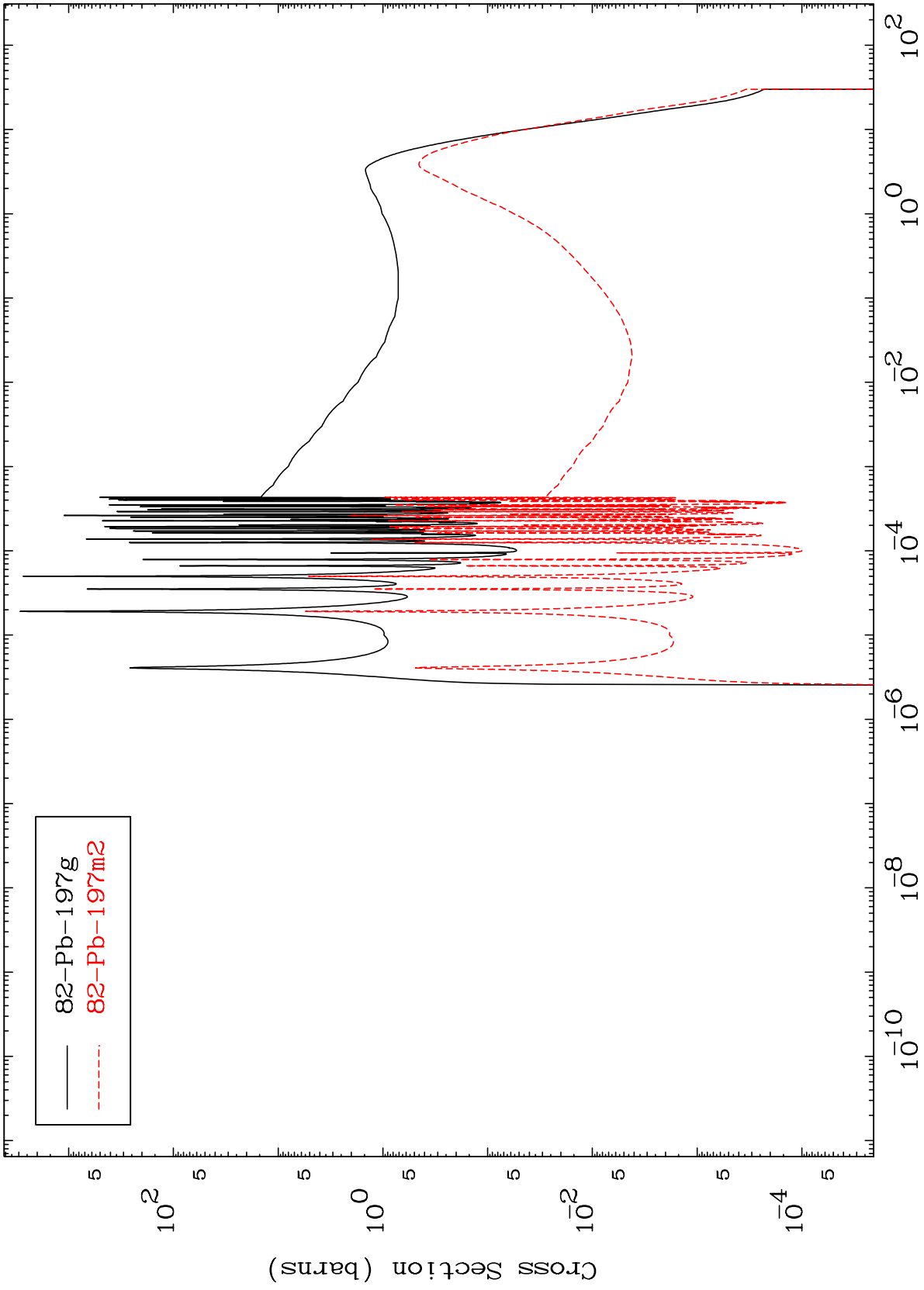
Incident Energy (MeV)

82-Pb-196

MAT 8201

(n, γ)
Radionuclide Production Cross Section

82-Pb-196



103

Incident Energy (MeV)

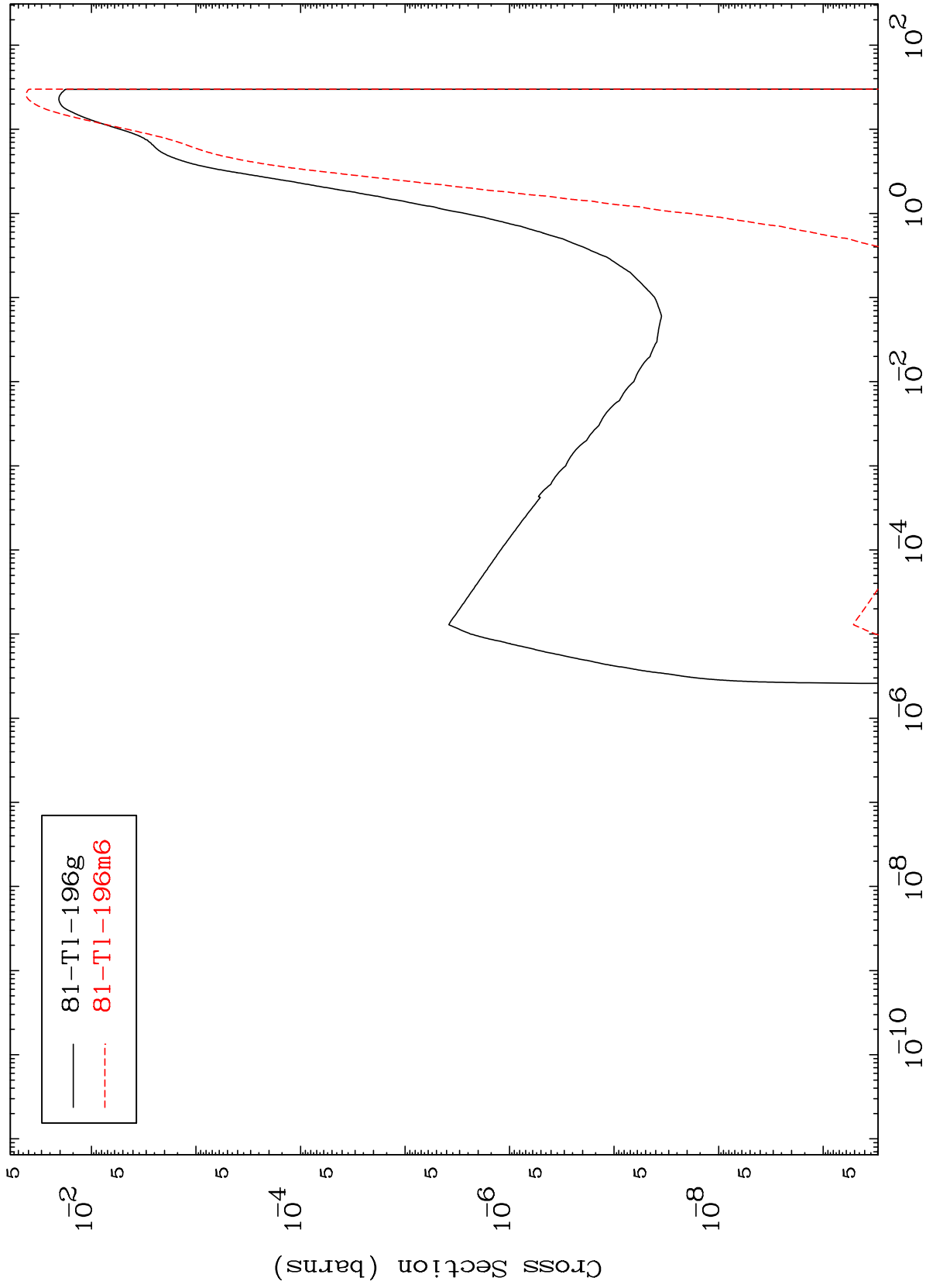
82-Pb-196

MAT 8201

(n,p)

82-Pb-196

Radionuclide Production Cross Section



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

104

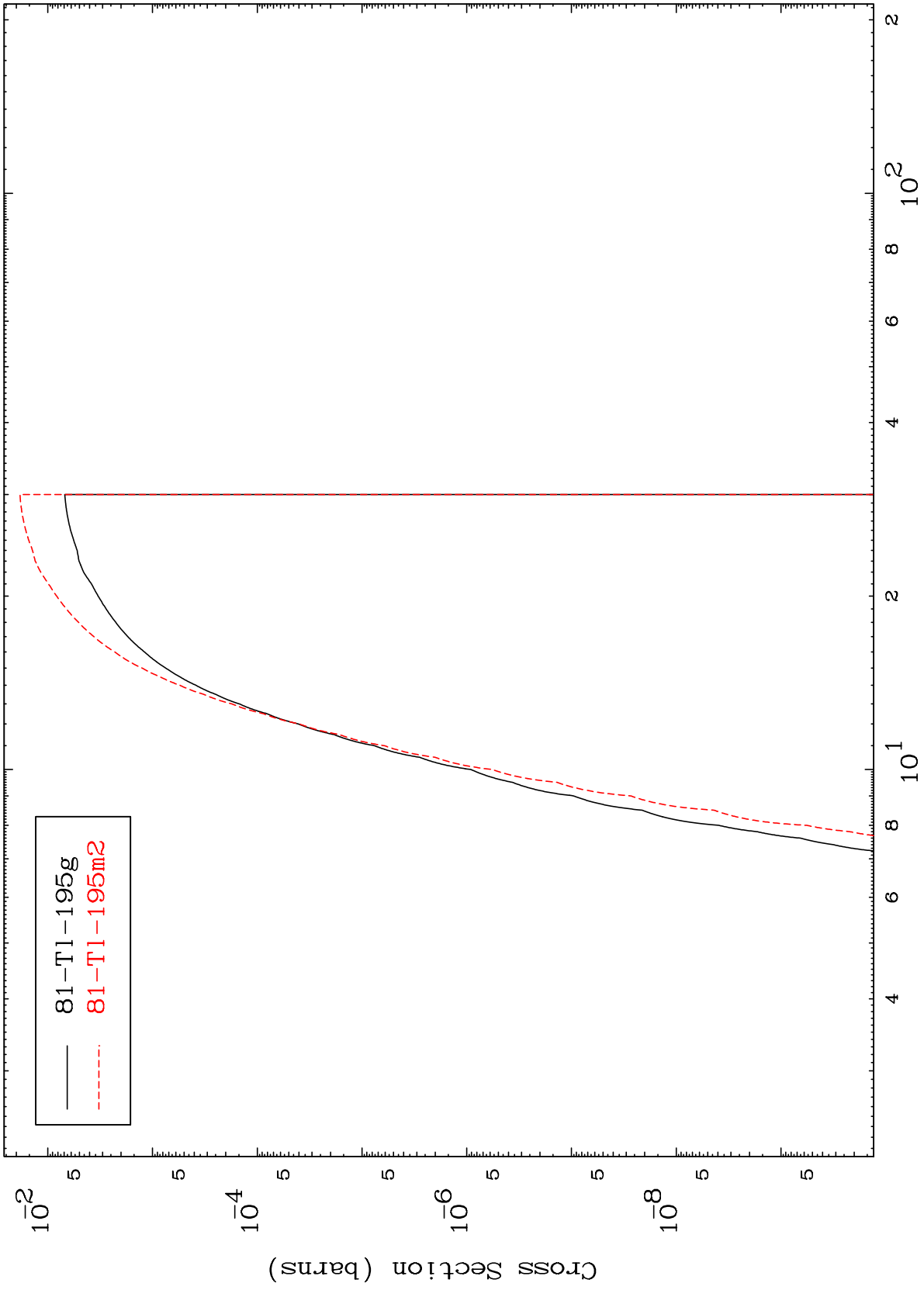
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n,d)
Radionuclide Production Cross Section



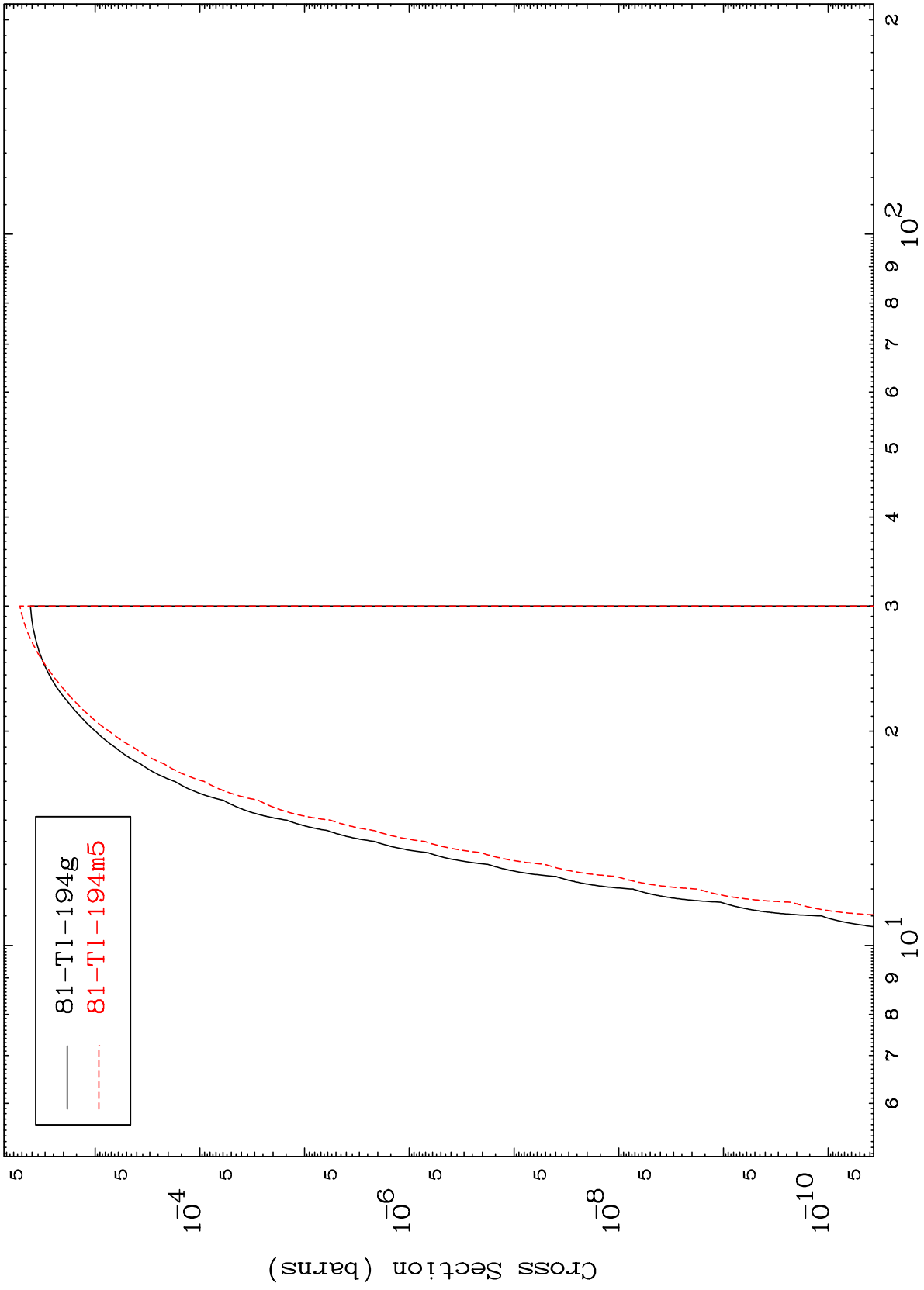
105

82-Pb-196

MAT 8201

82-Pb-196

(n, t)
Radionuclide Production Cross Section



106

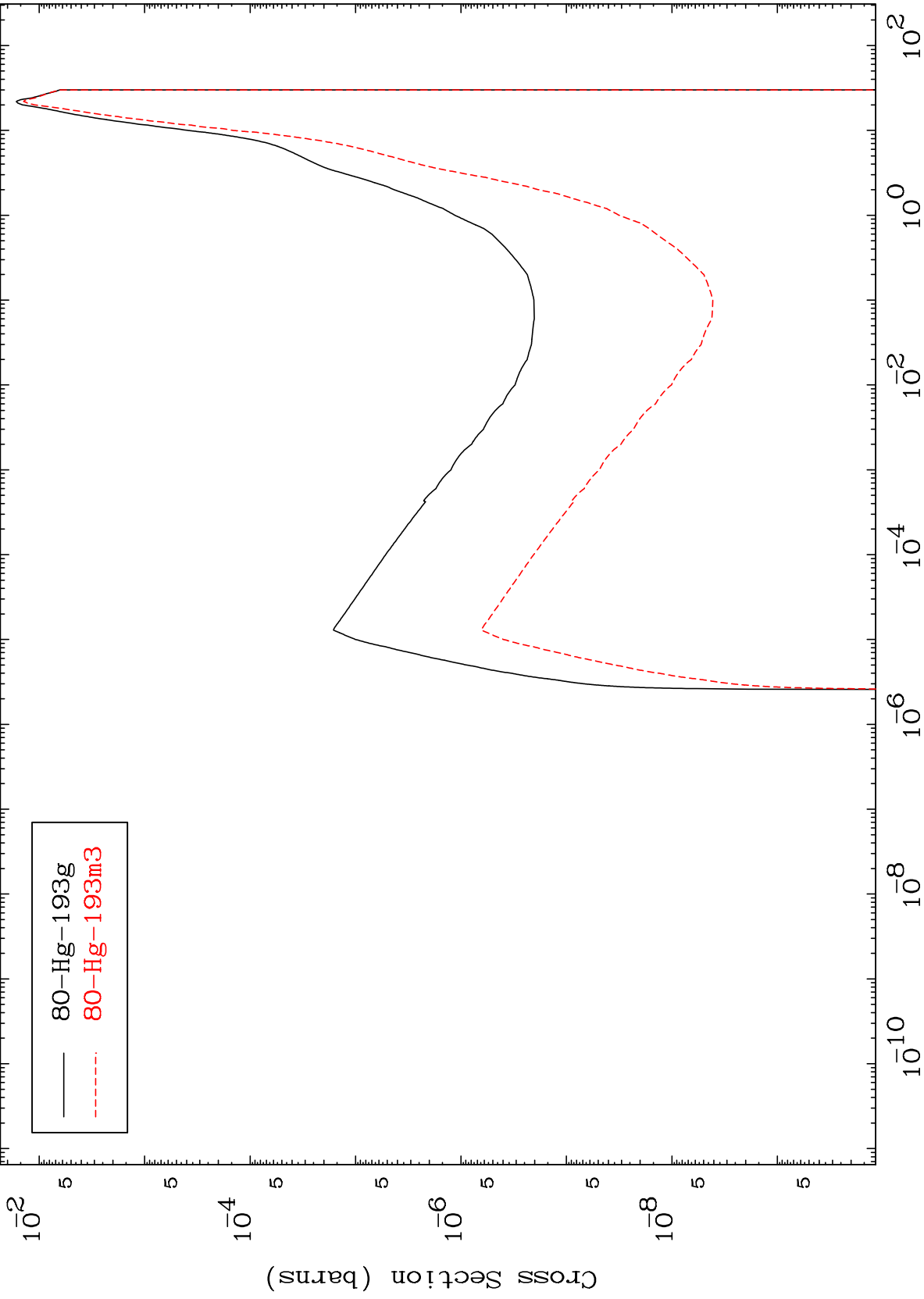
82-Pb-196

MAT 8201

(n, α)

82-Pb-196

Radionuclide Production Cross Section



107

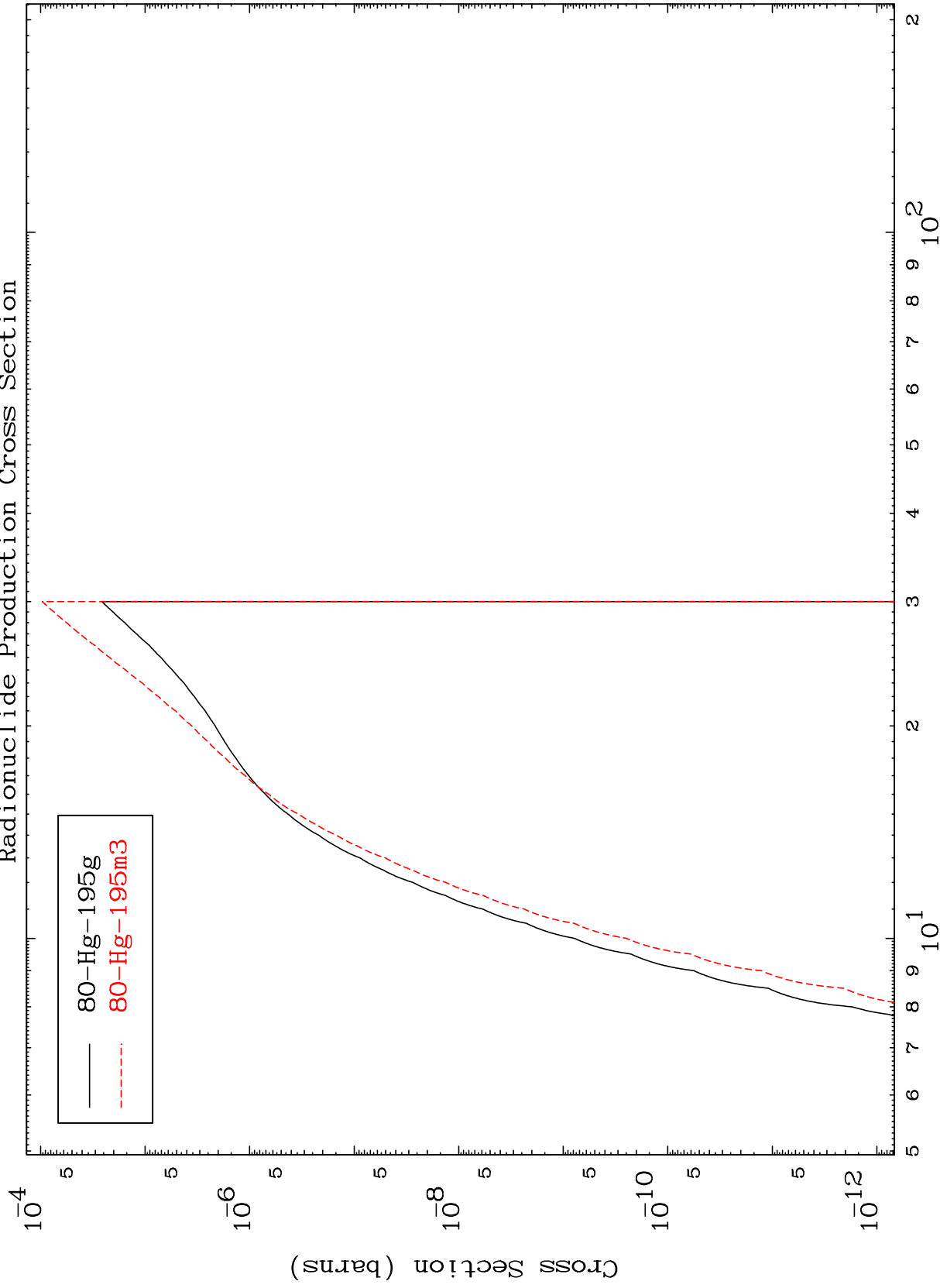
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

Radionuclide Production Cross Section



108

Incident Energy (MeV)

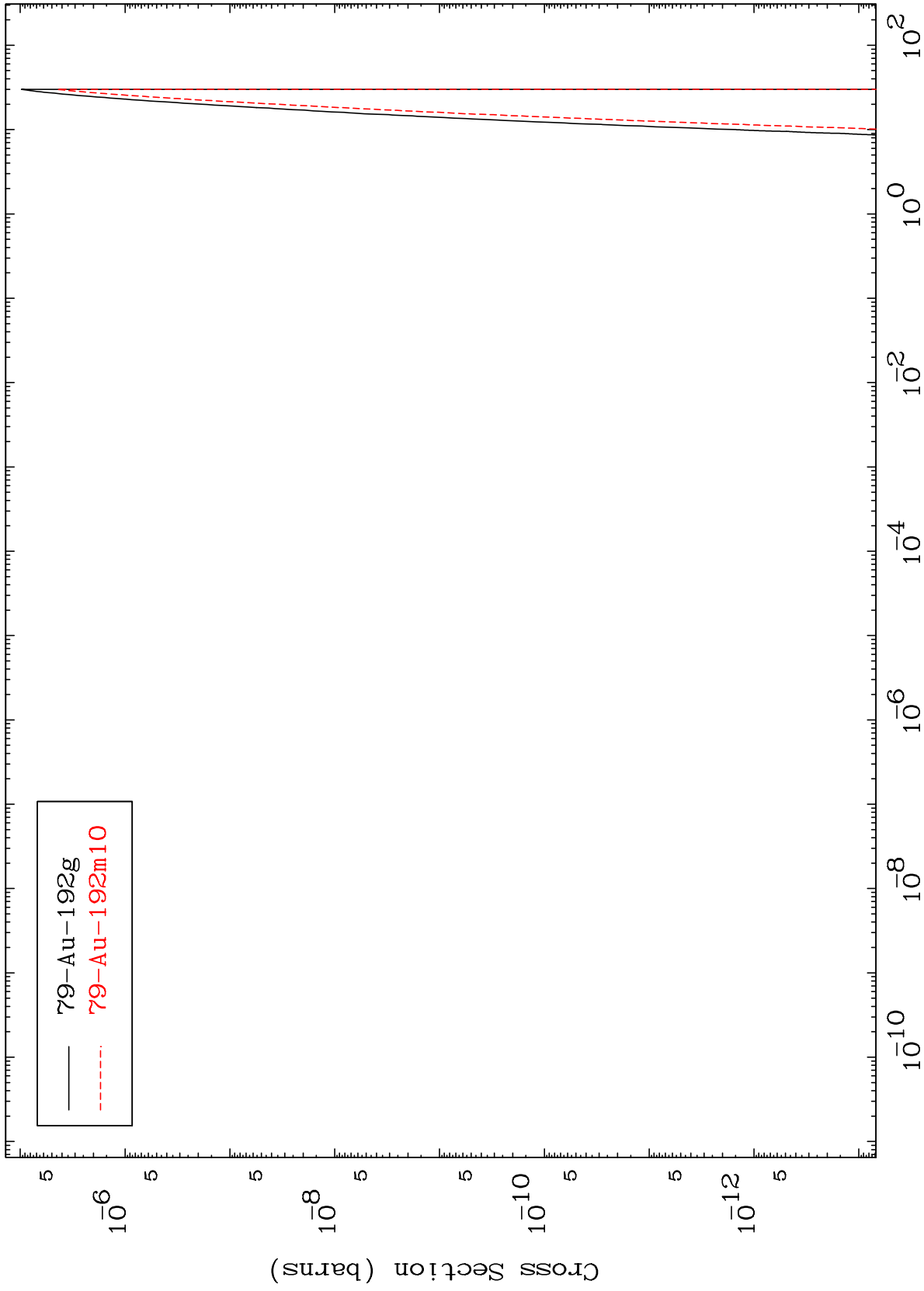
82-Pb-196

MAT 8201

(n,p) α

82-Pb-196

Radionuclide Production Cross Section



109

Incident Energy (MeV)

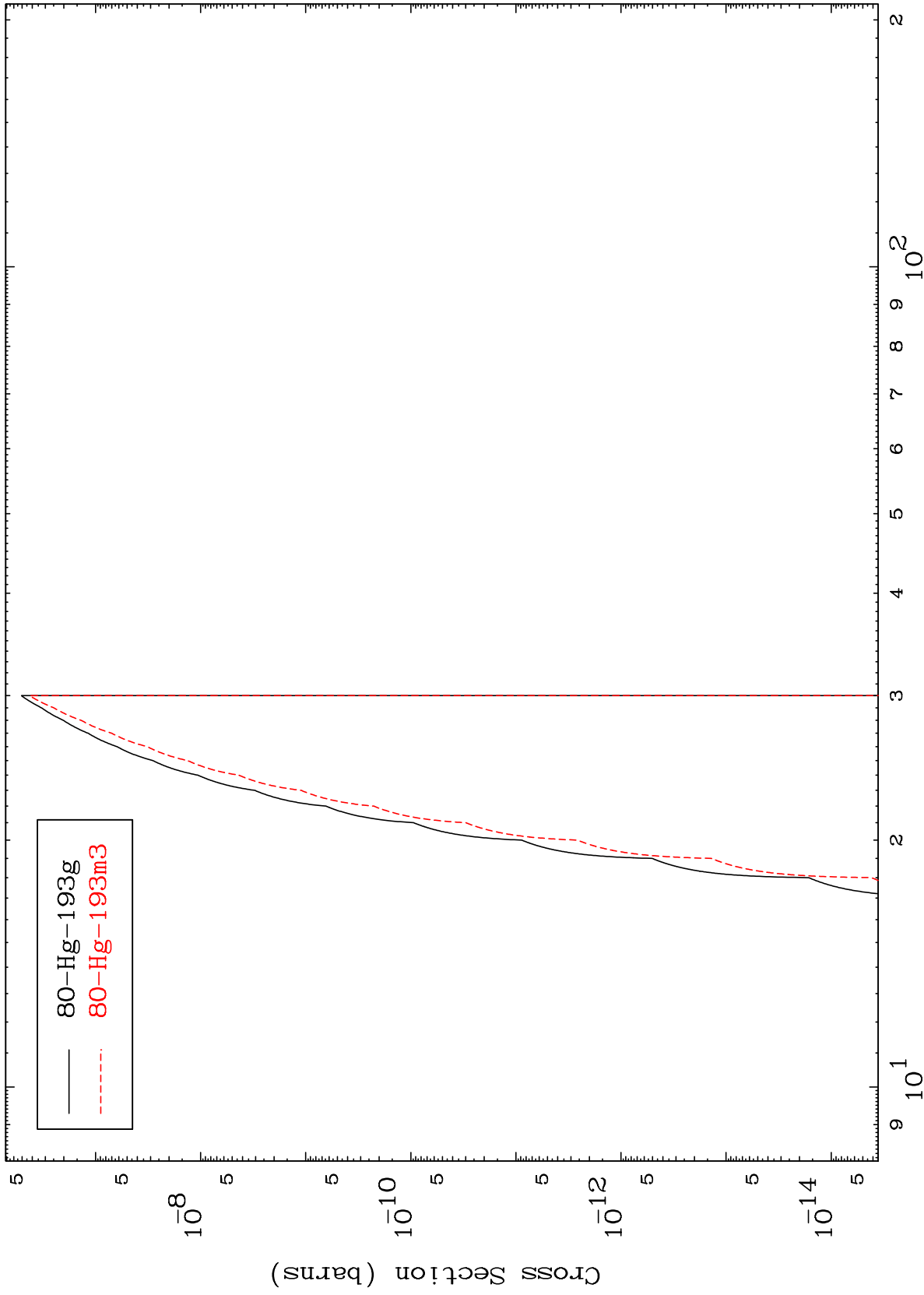
82-Pb-196

MAT 8201

(n,p) t

82-Pb-196

Radionuclide Production Cross Section



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

110

Incident Energy (MeV)

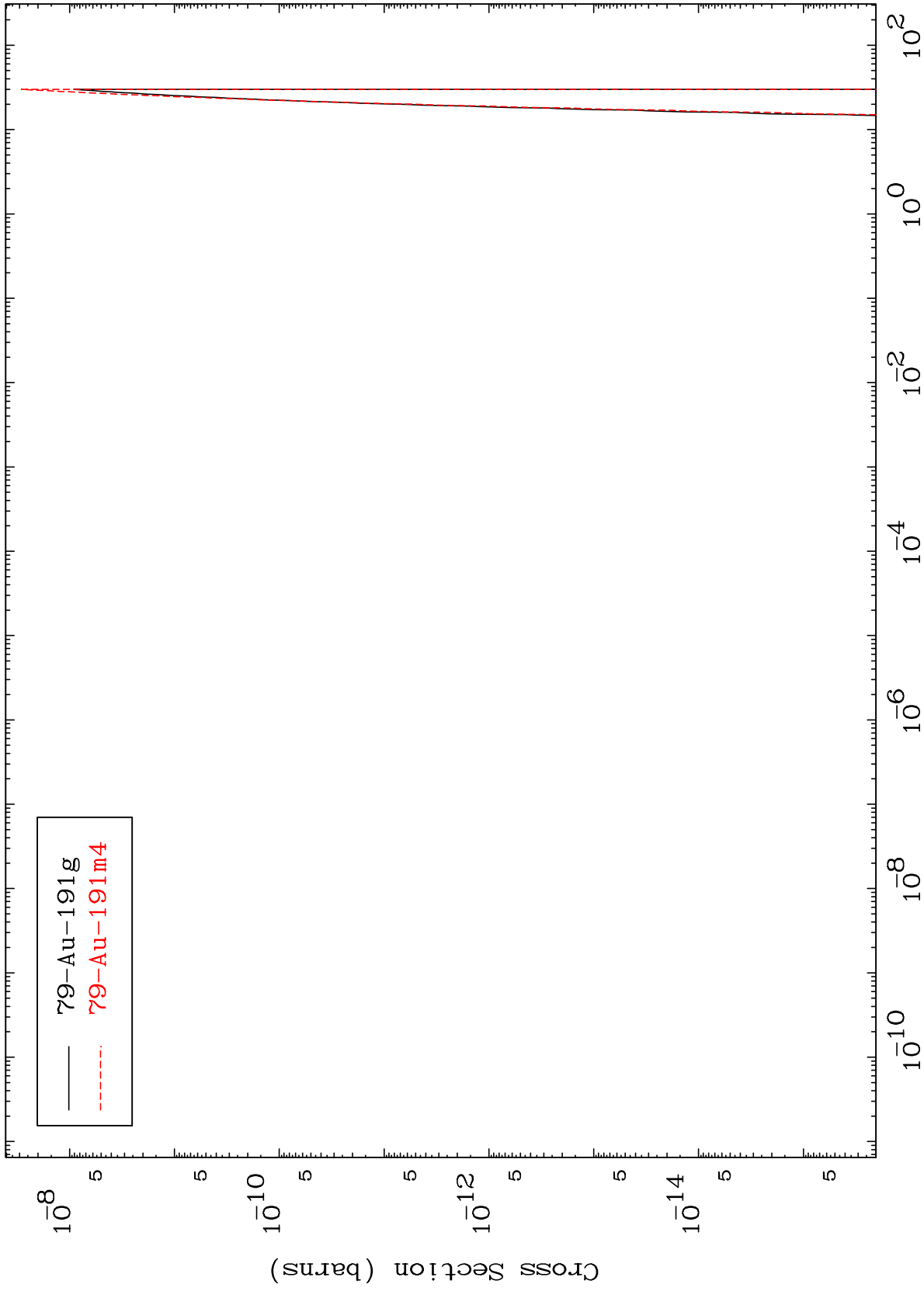
82-Pb-196

MAT 8201

(n,d) α

82-Pb-196

Radionuclide Production Cross Section



111

82-Pb-196