

Program EVALPLOT
(Version 2018-1)

by

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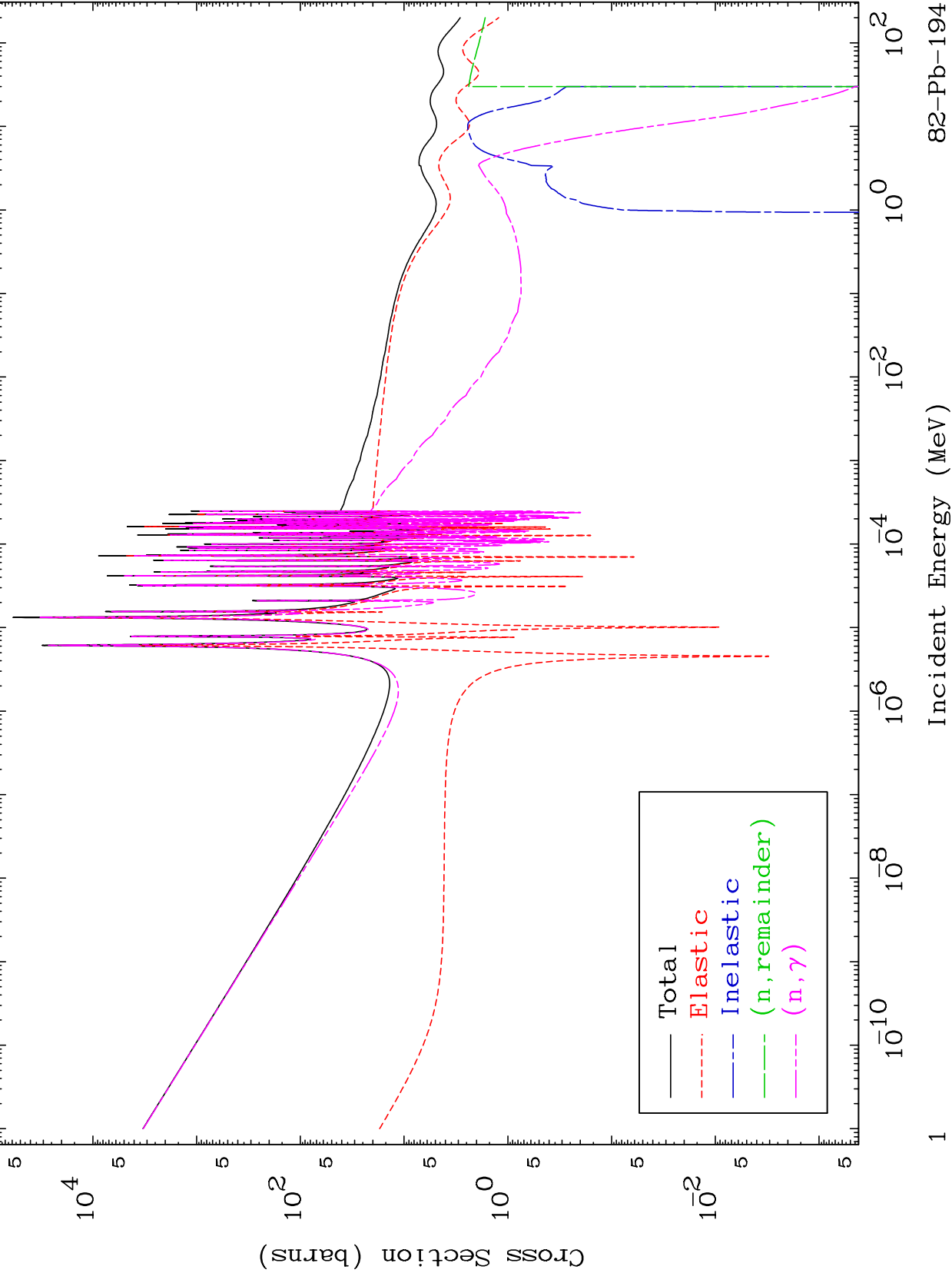
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Press Mouse Button to Start

MAT 8195

Major
293 Kelvin Cross Sections

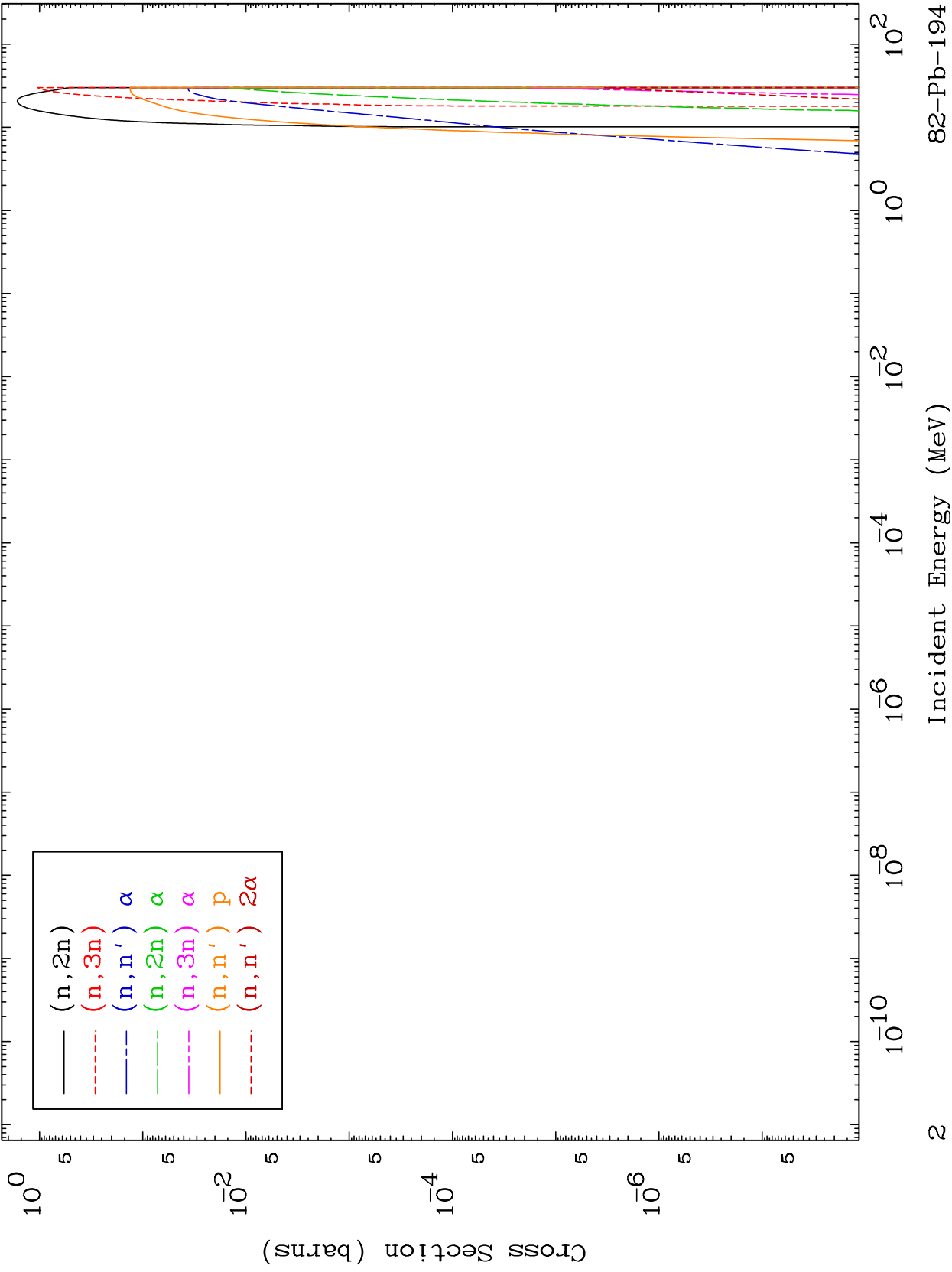
82-Pb-194



MAT 8195

Neutron Production
293 Kelvin Cross Sections

82-Pb-194

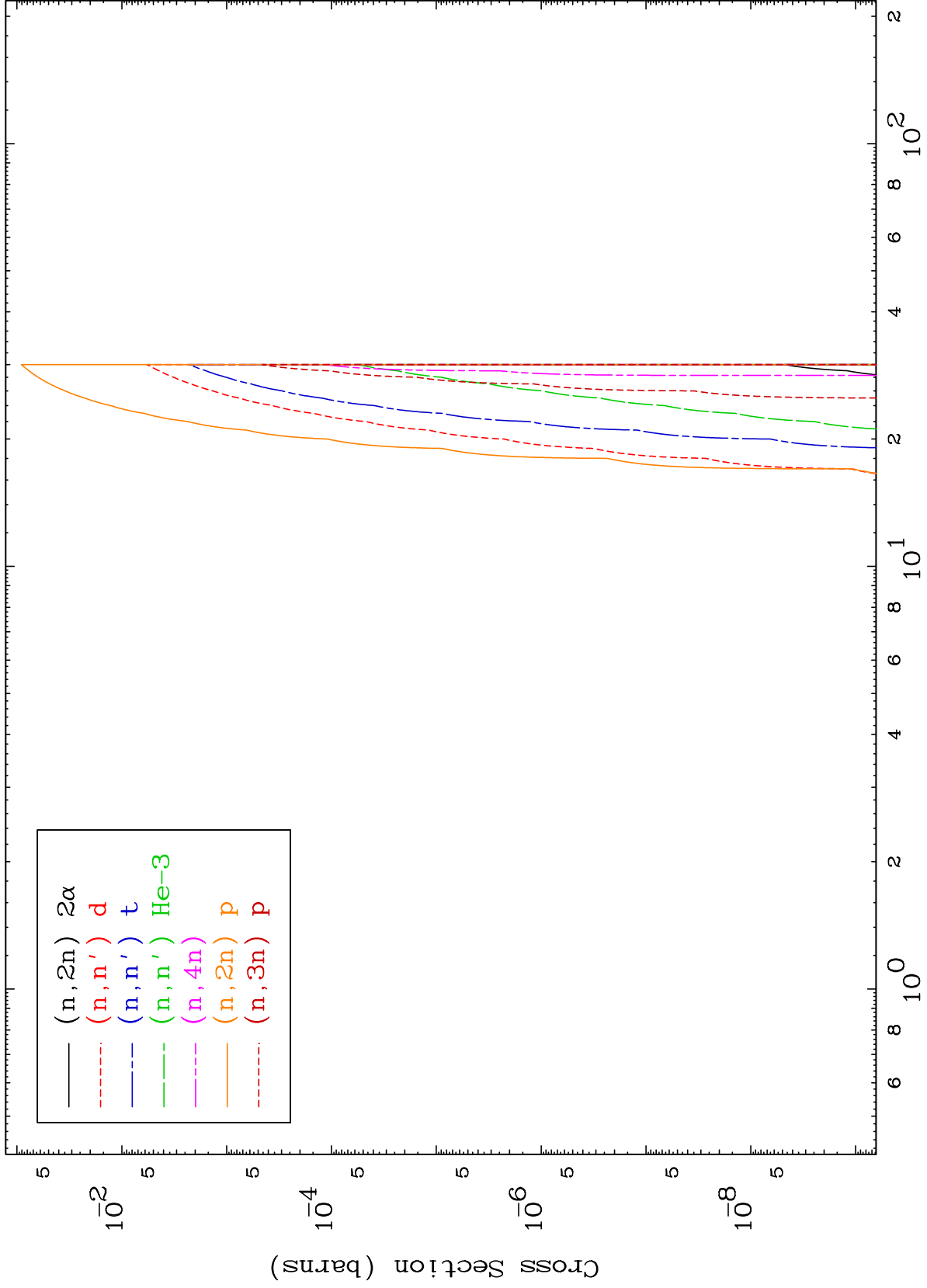


MAT 8195

Neutron Production

82-Pb-194

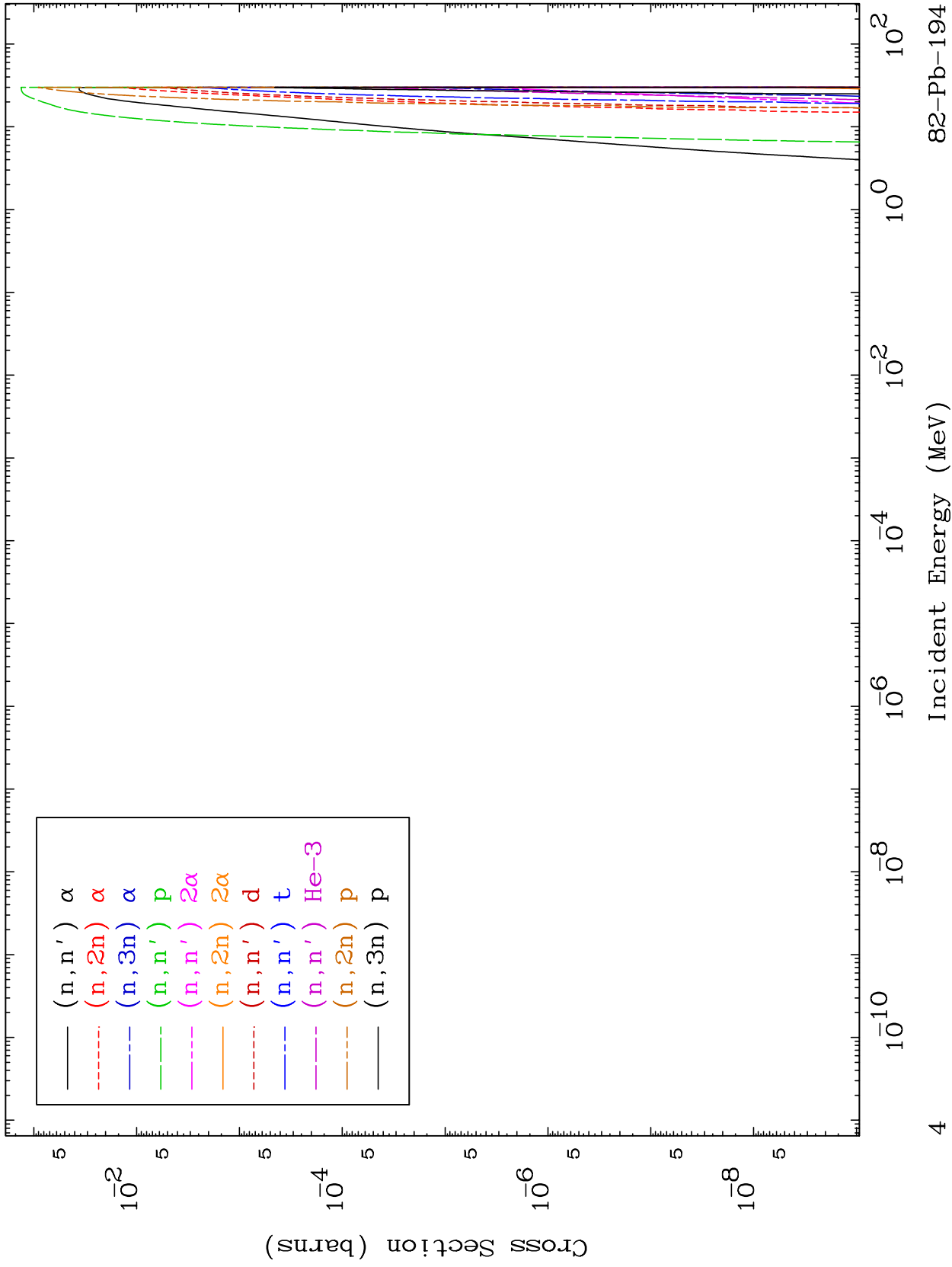
293 Kelvin Cross Sections



MAT 8195

Charged Particle
293 Kelvin Cross Sections

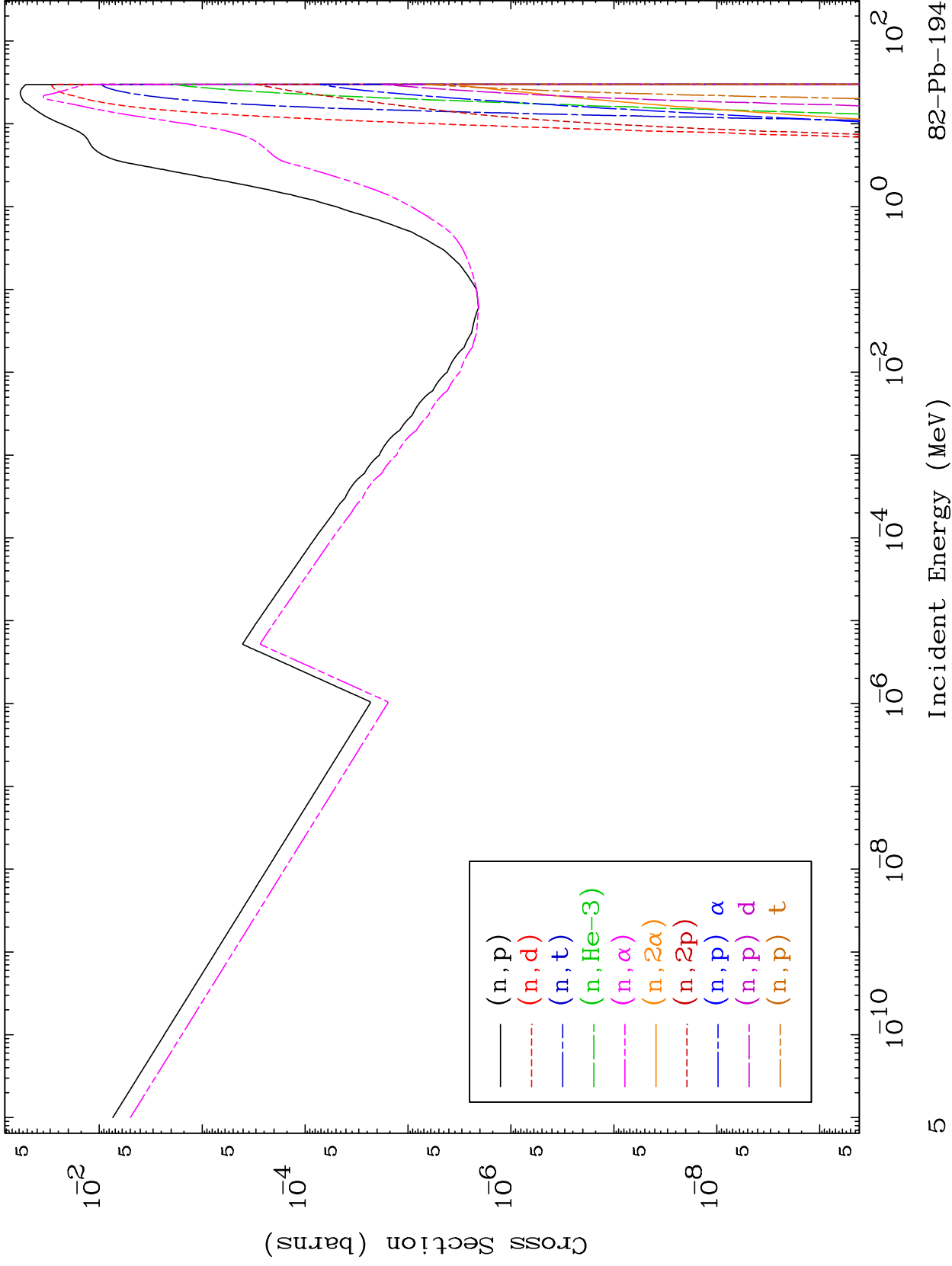
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MAT 8195

Charged Particle
293 Kelvin Cross Sections

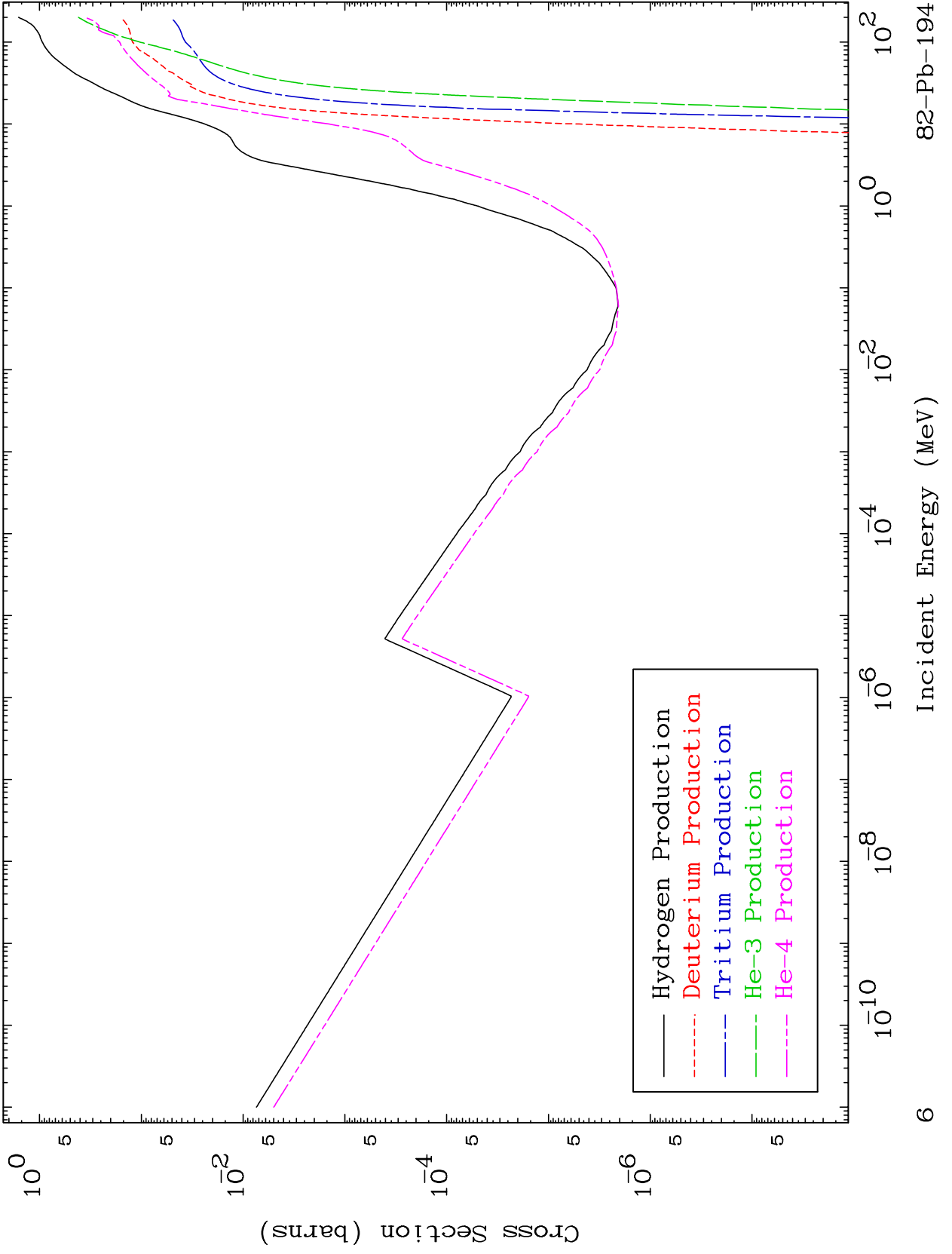
82-Pb-194



MAT 8195

Particle Production
293 Kelvin Cross Sections

82-Pb-194

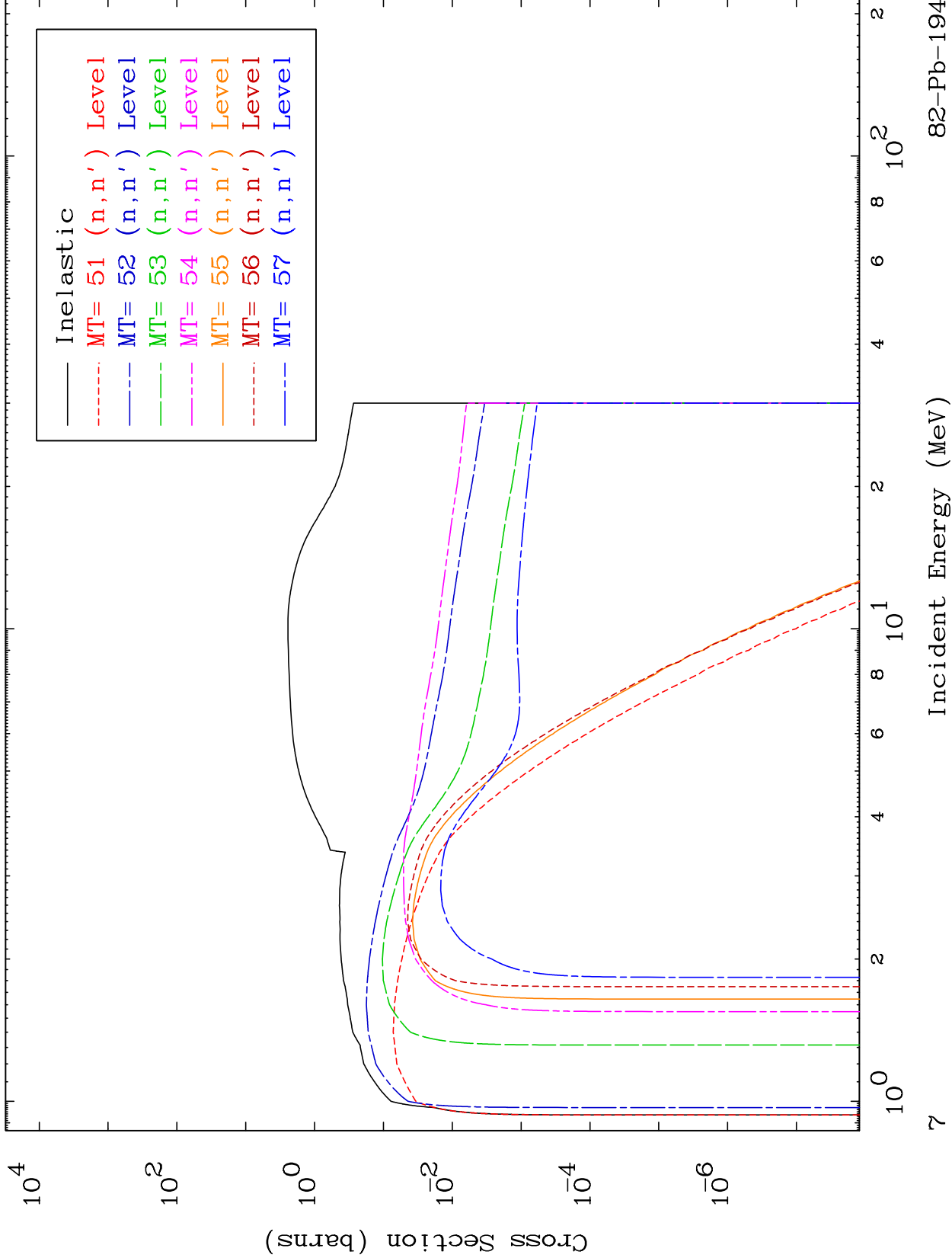


MAT 8195

(n,n') Level

82-Pb-194

293 Kelvin Cross Sections



Incident Energy (MeV)

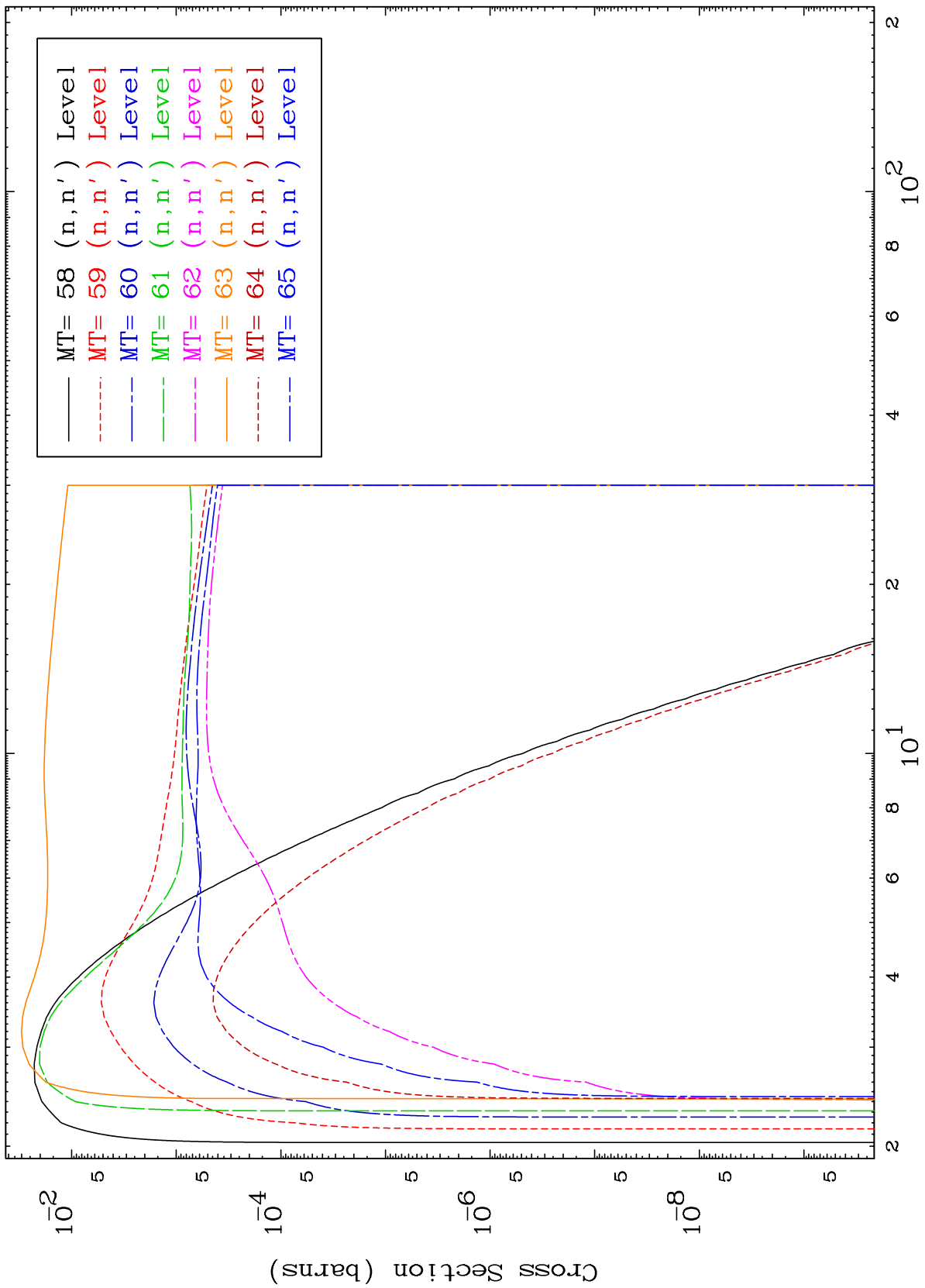
82-Pb-194

MAT 8195

(n,n') Level

82-Pb-194

293 Kelvin Cross Sections



8

Incident Energy (MeV)

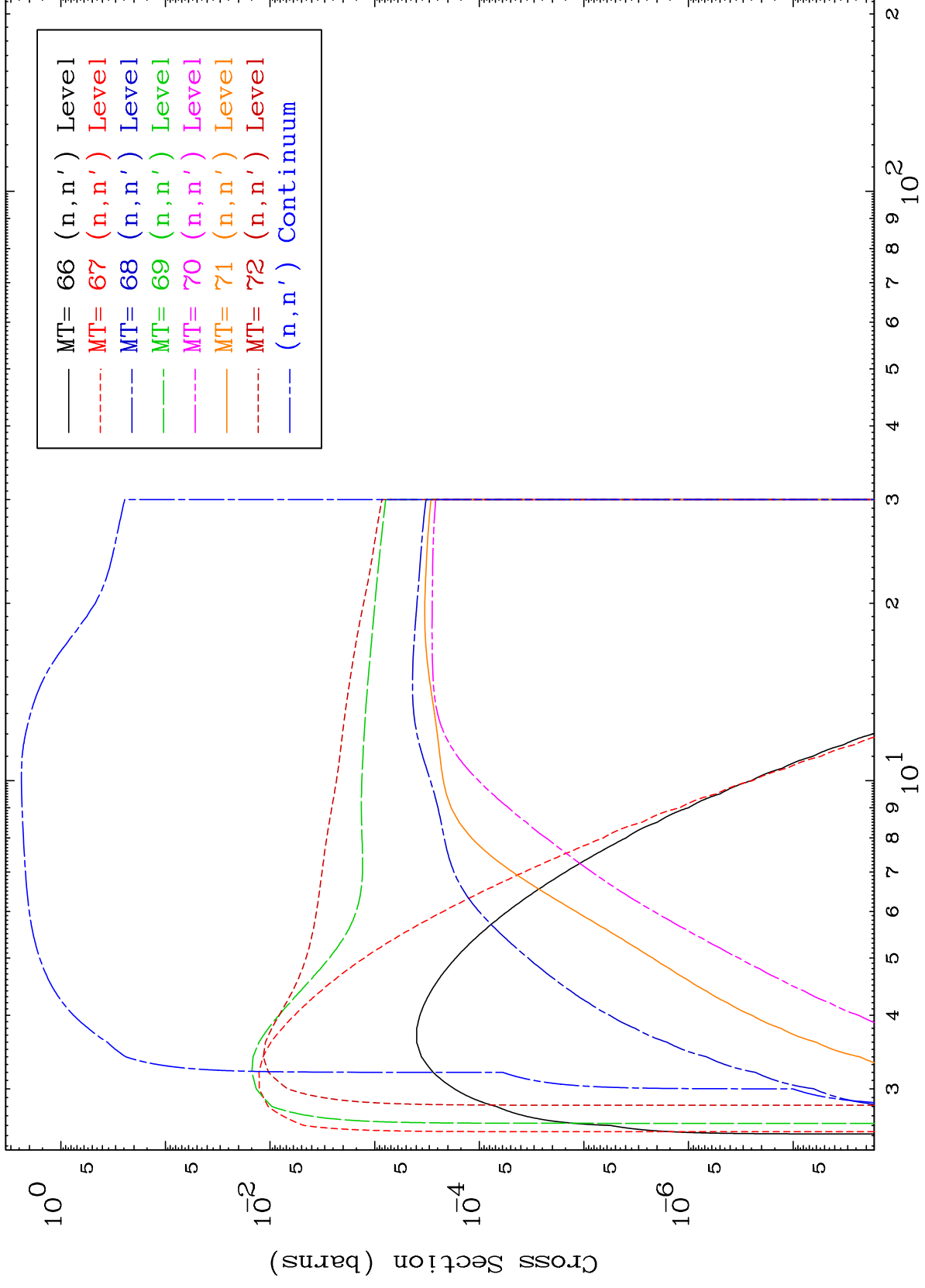
82-Pb-194

MAT 8195

(n,n') Level

82-Pb-194

293 Kelvin Cross Sections



9

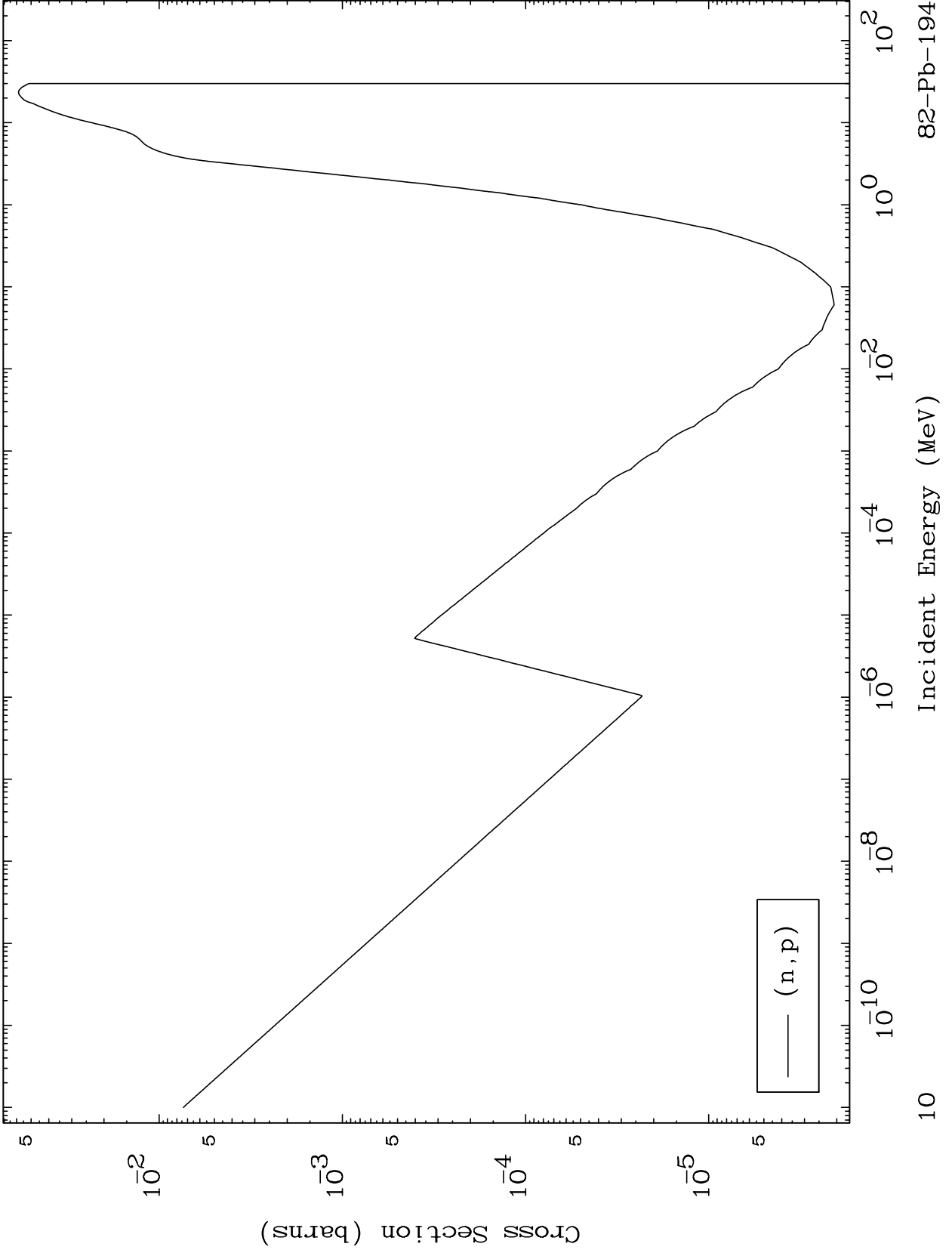
Incident Energy (MeV)

82-Pb-194

MAT 8195

(n,p) Levels
293 Kelvin Cross Sections

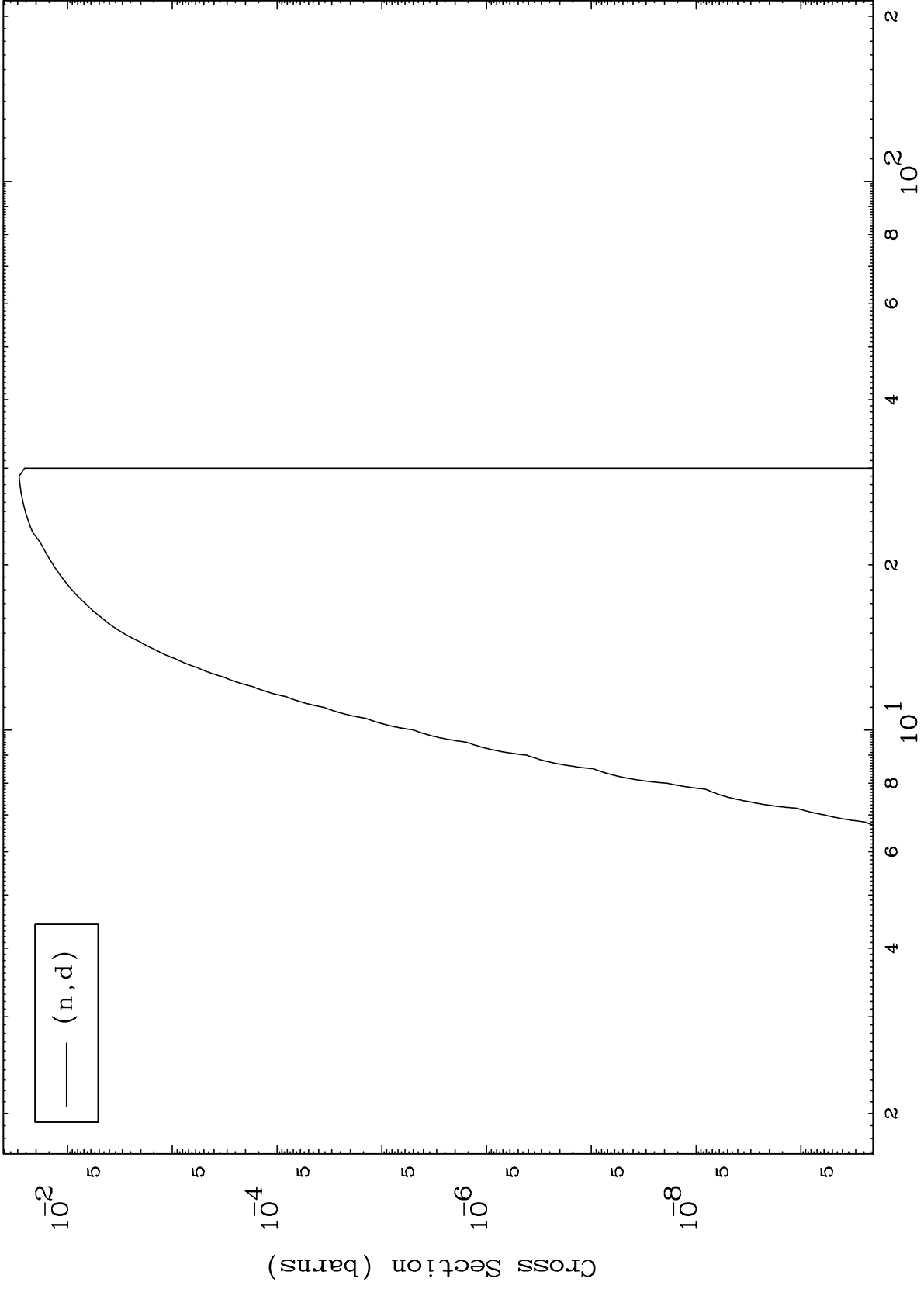
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MAT 8195

(n,d) Levels
293 Kelvin Cross Sections

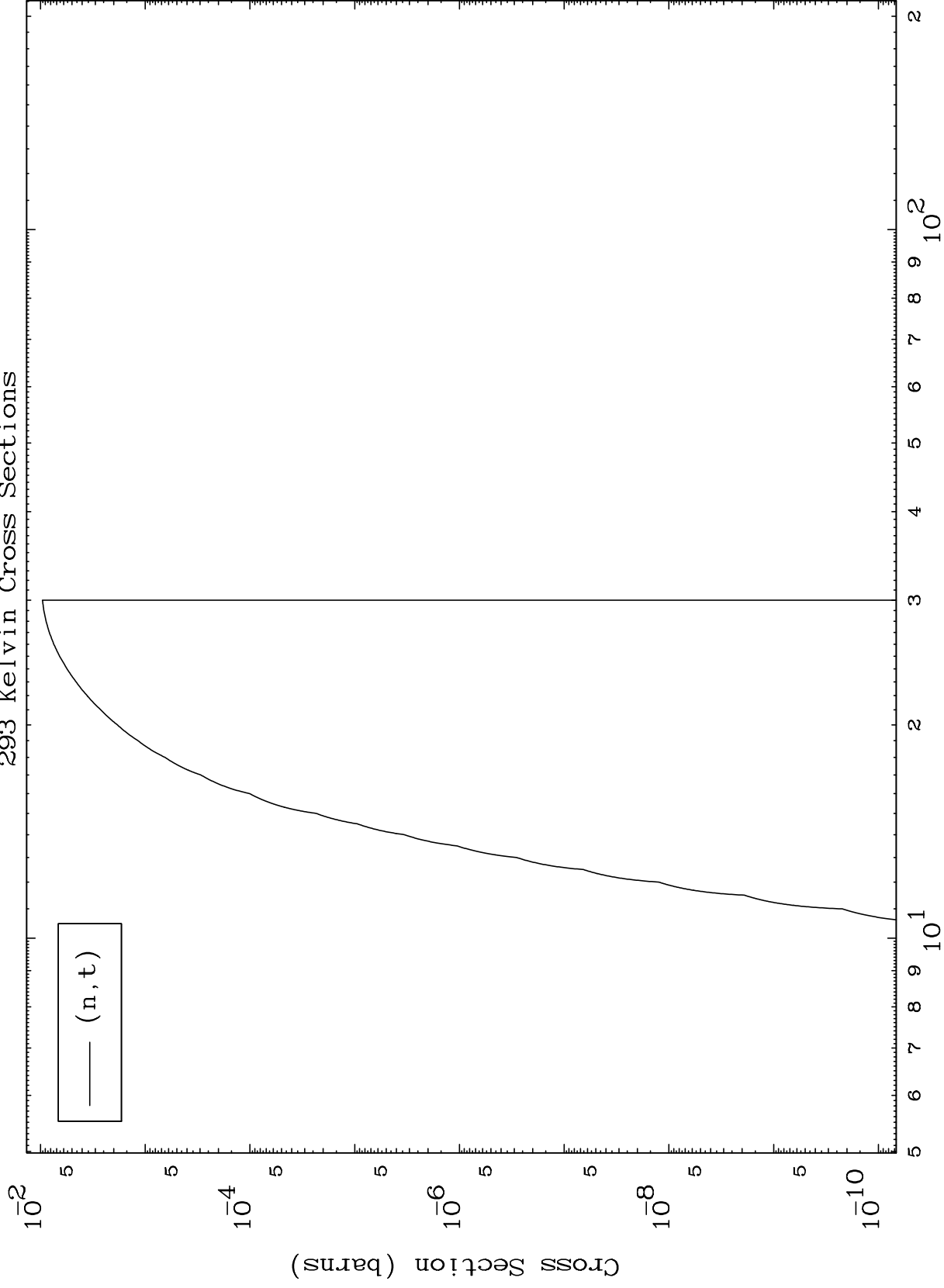
82-Pb-194



MAT 8195

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-194



12

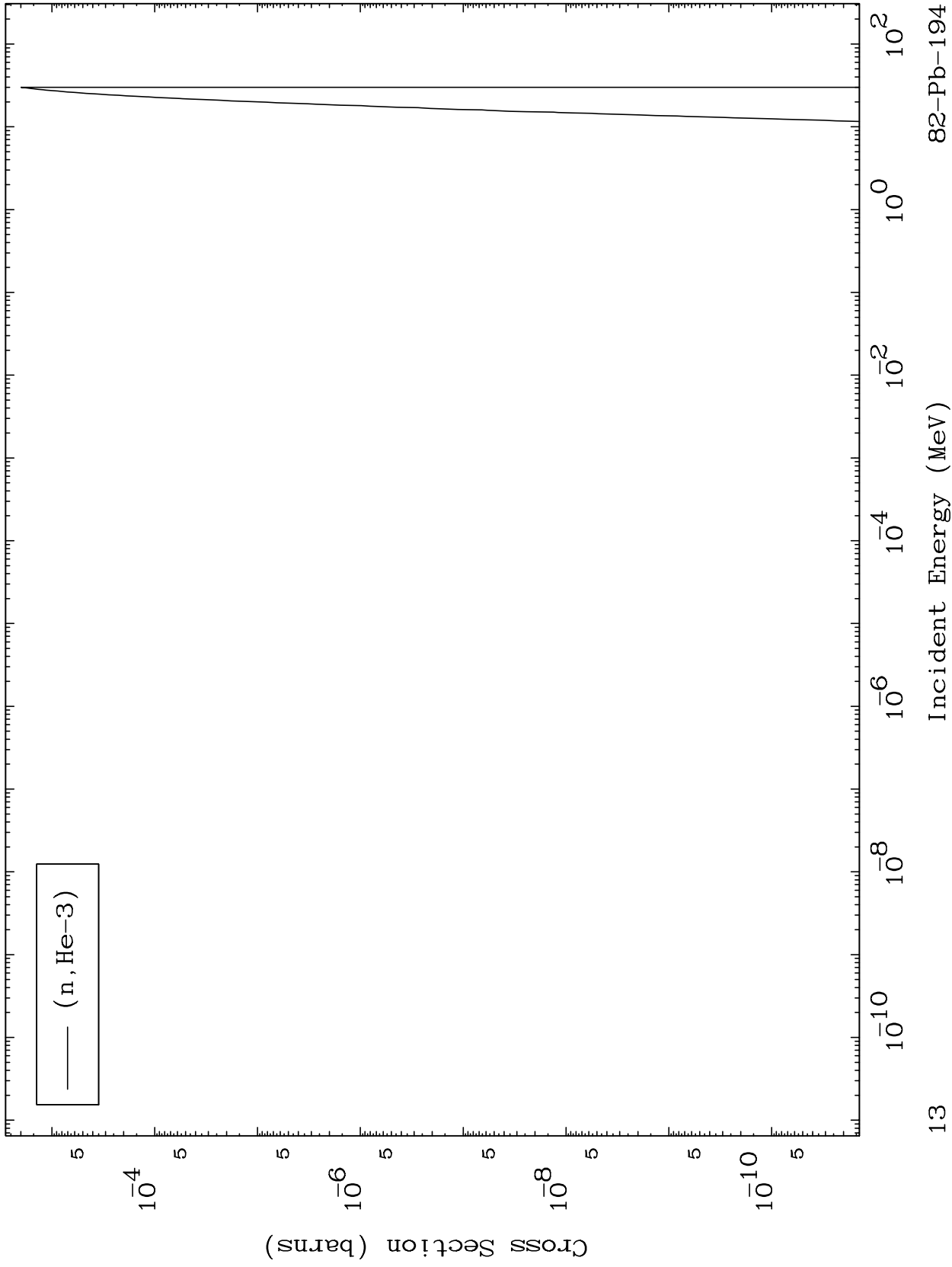
Incident Energy (MeV)

82-Pb-194

MAT 8195

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-194



13

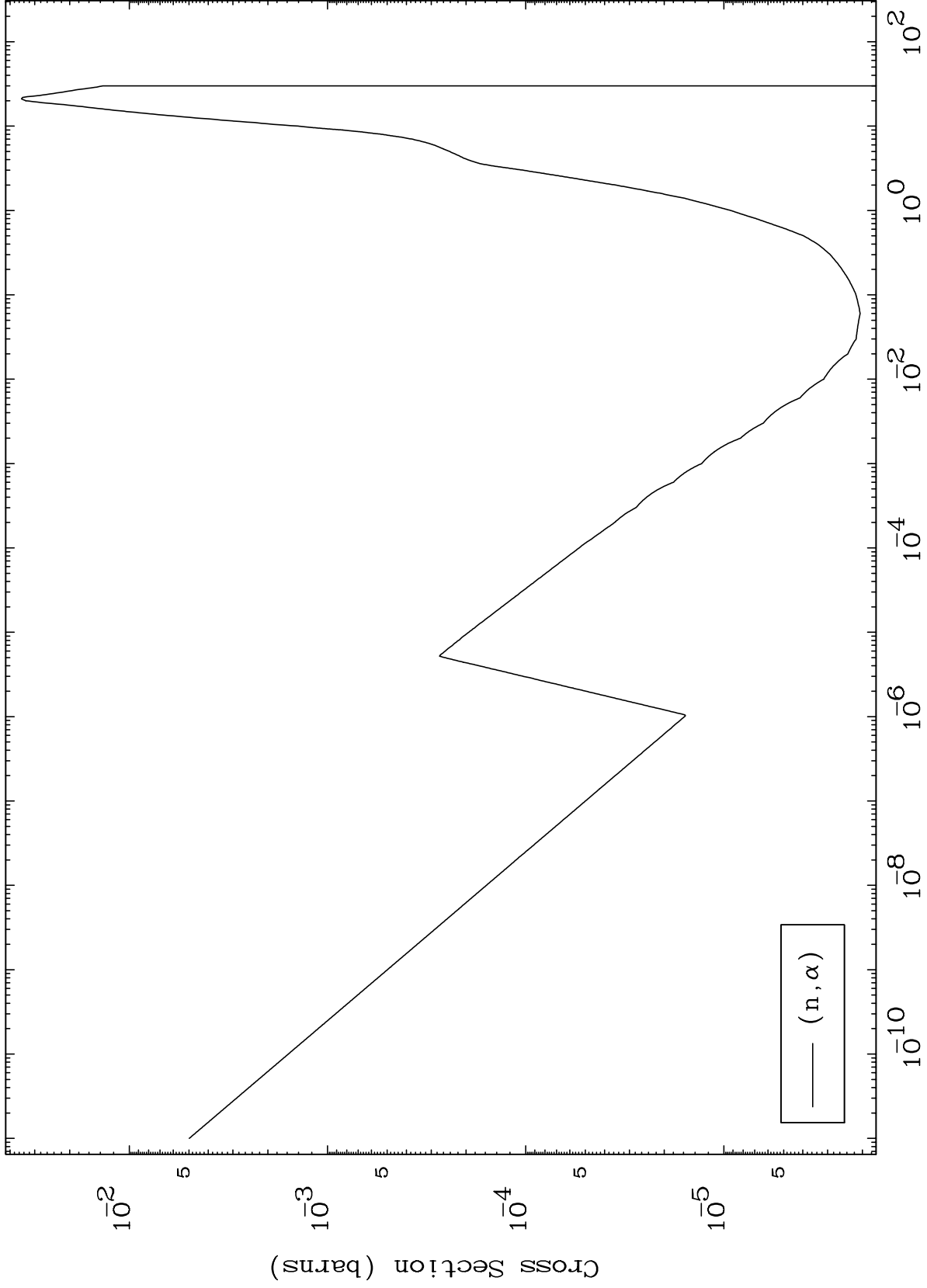
Incident Energy (MeV)

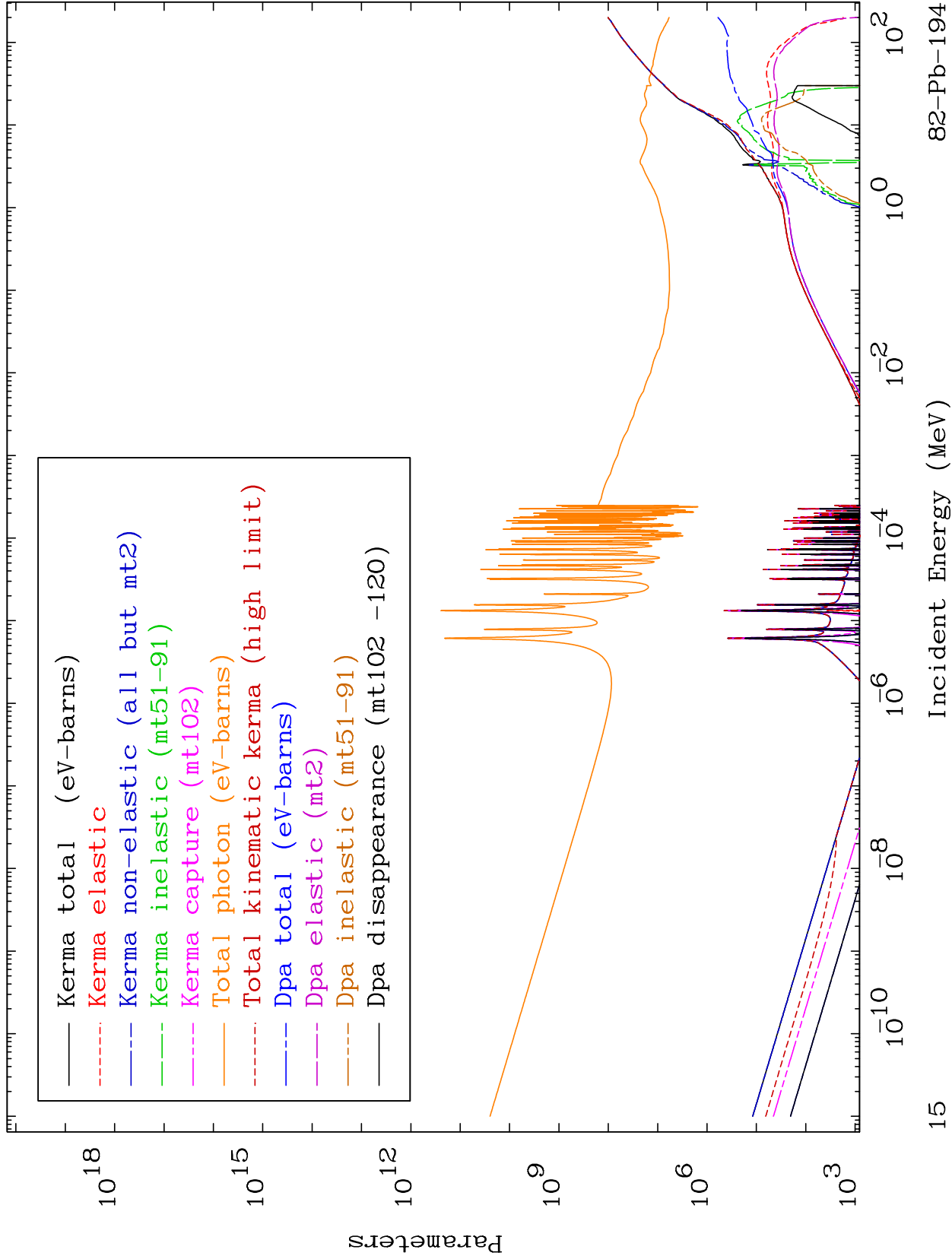
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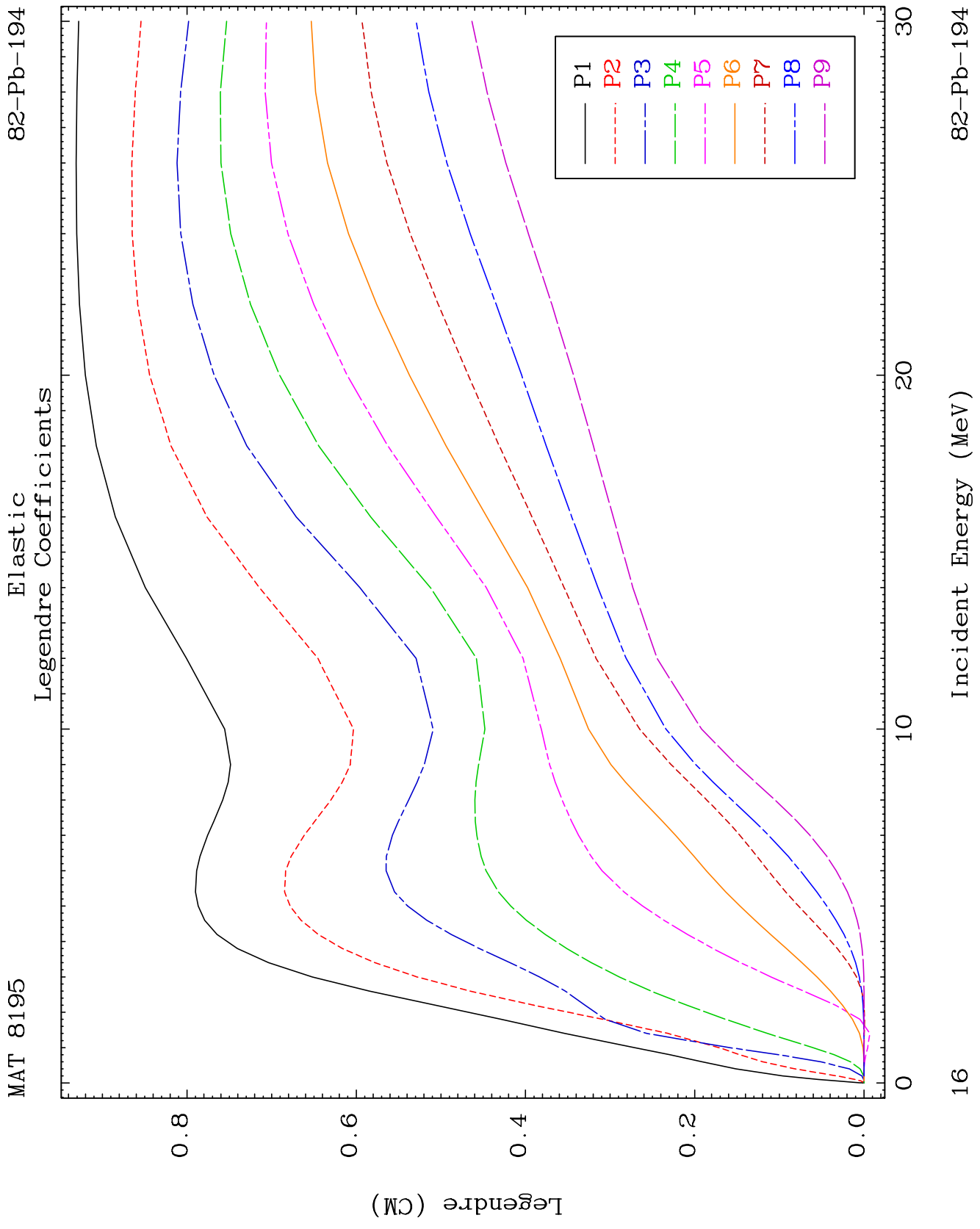
MAT 8195

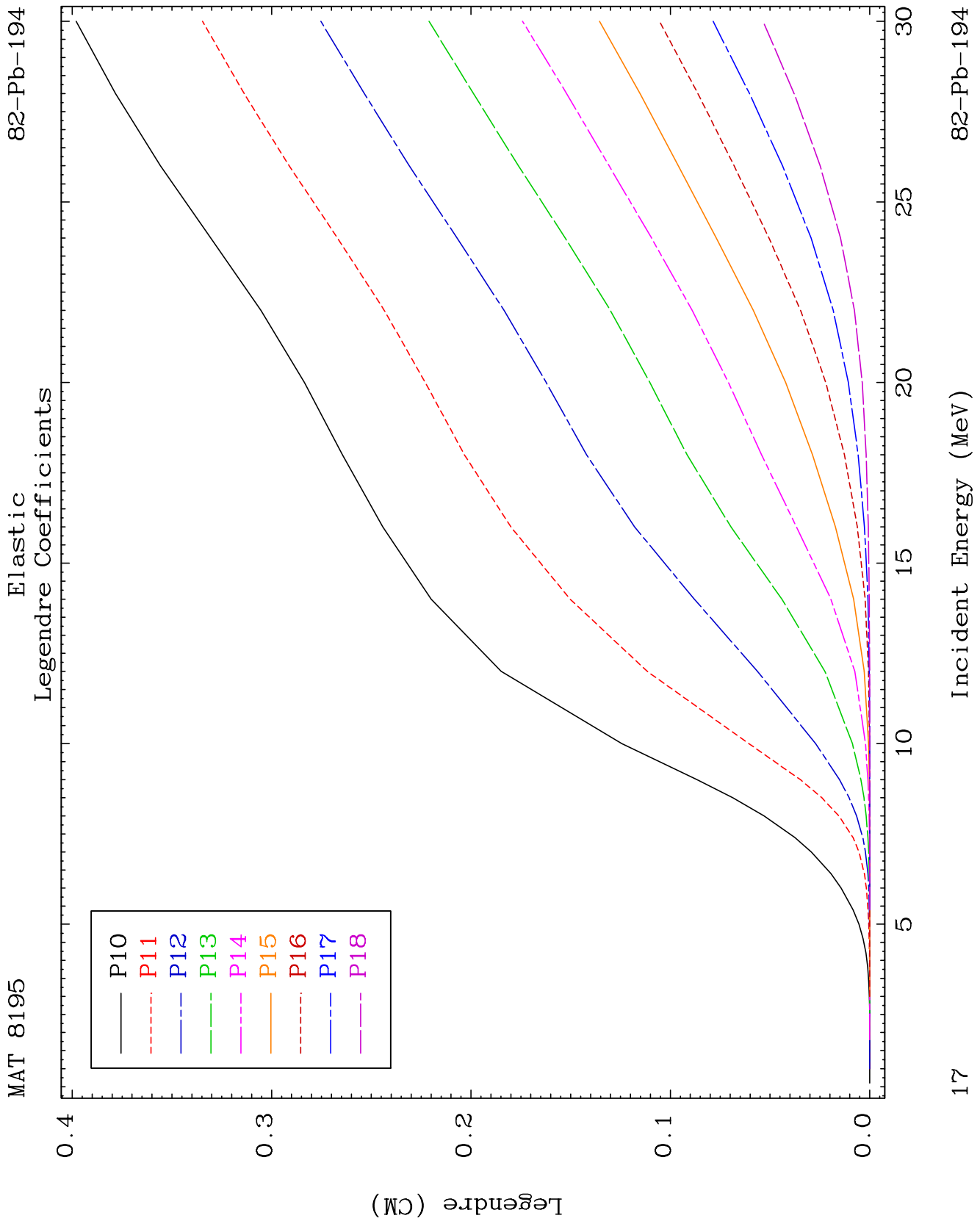
(n, α) Levels
293 Kelvin Cross Sections

82-Pb-194





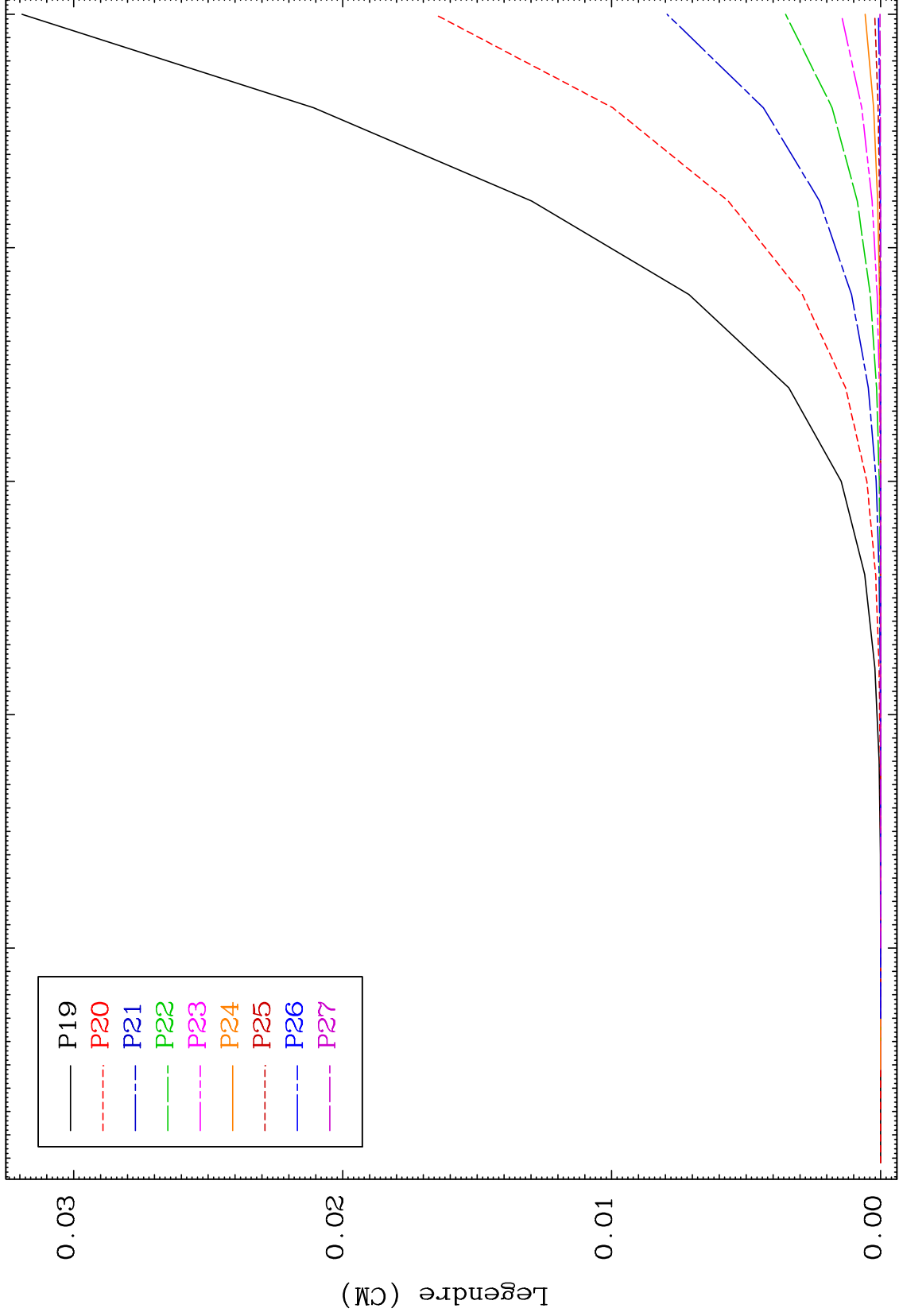




MAT 8195

Elastic
Legendre Coefficients

82-Pb-194



18

Incident Energy (MeV)

82-Pb-194

30

25

20

15

10

0.03

0.02

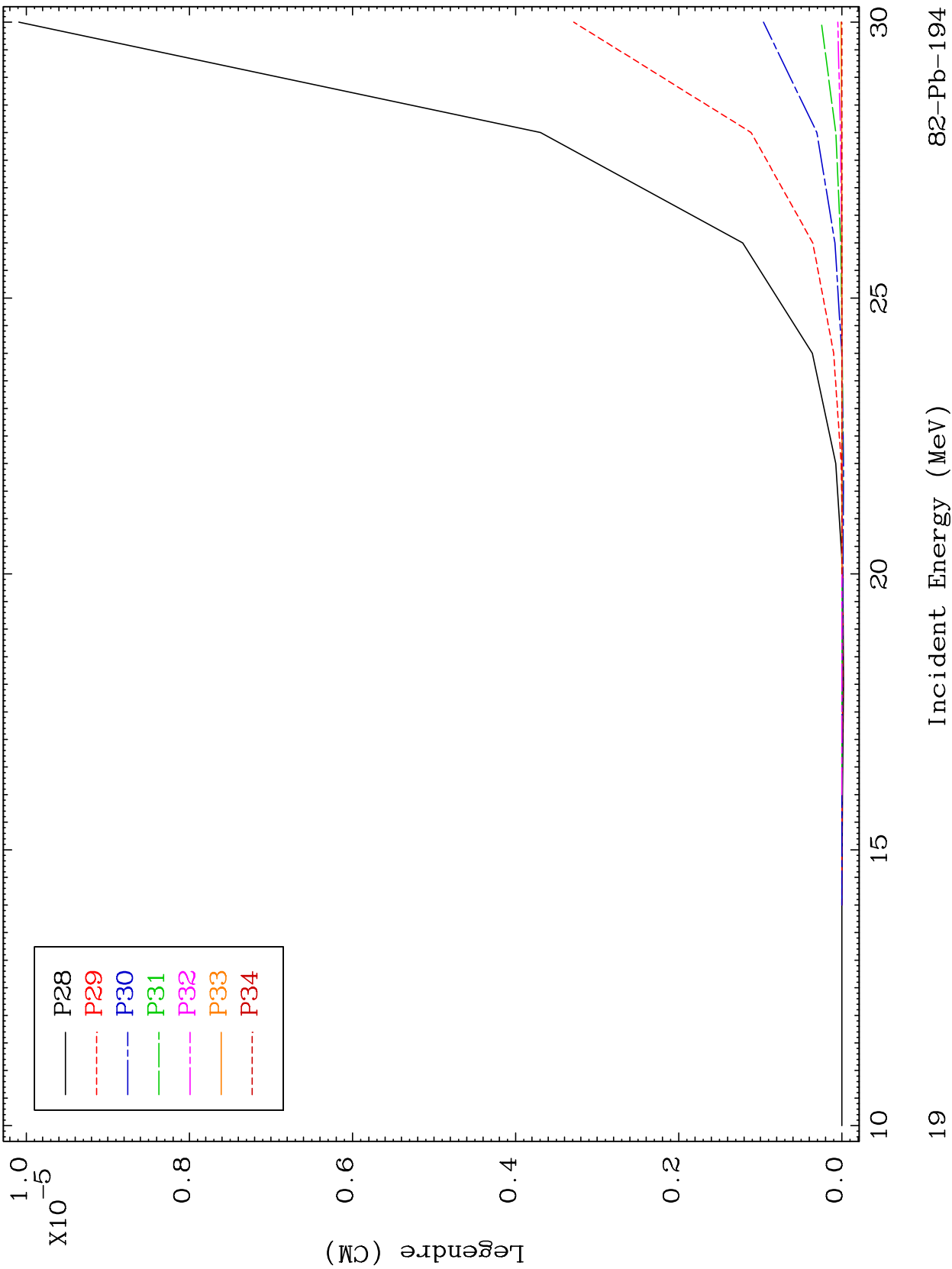
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0.00

MAT 8195

Elastic
Legendre Coefficients

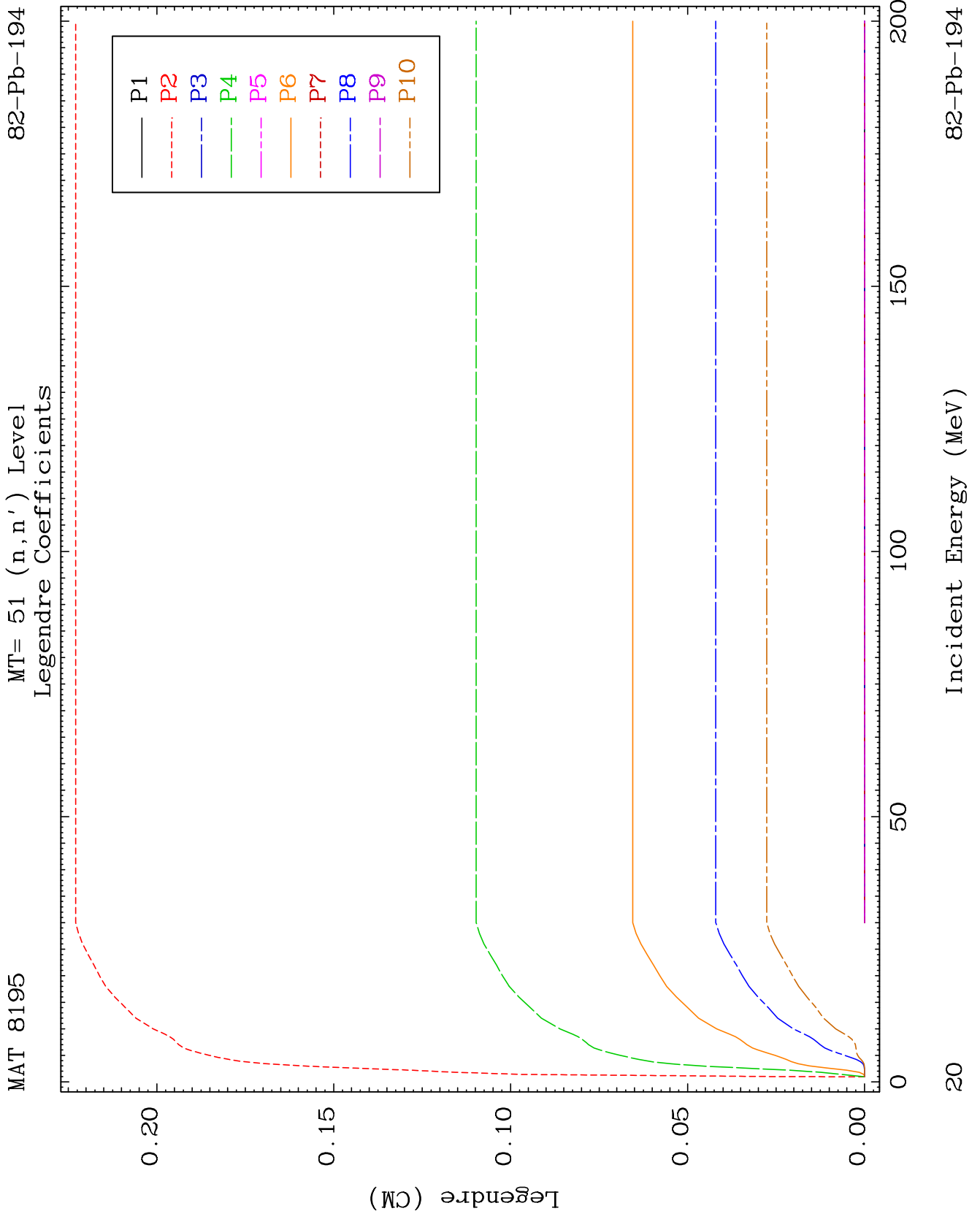
82-Pb-194



19

Incident Energy (MeV)

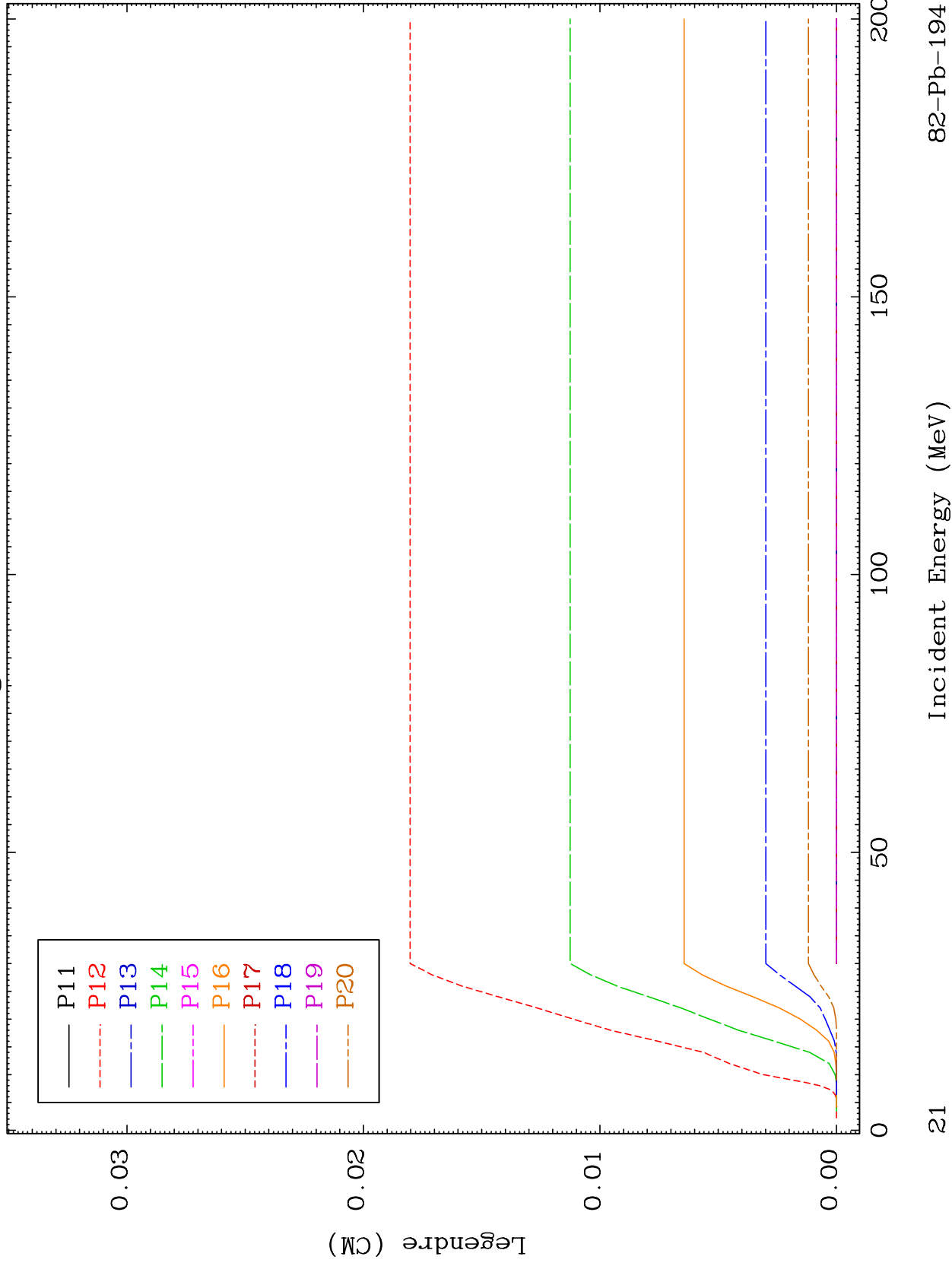
82-Pb-194



MAT 8195

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

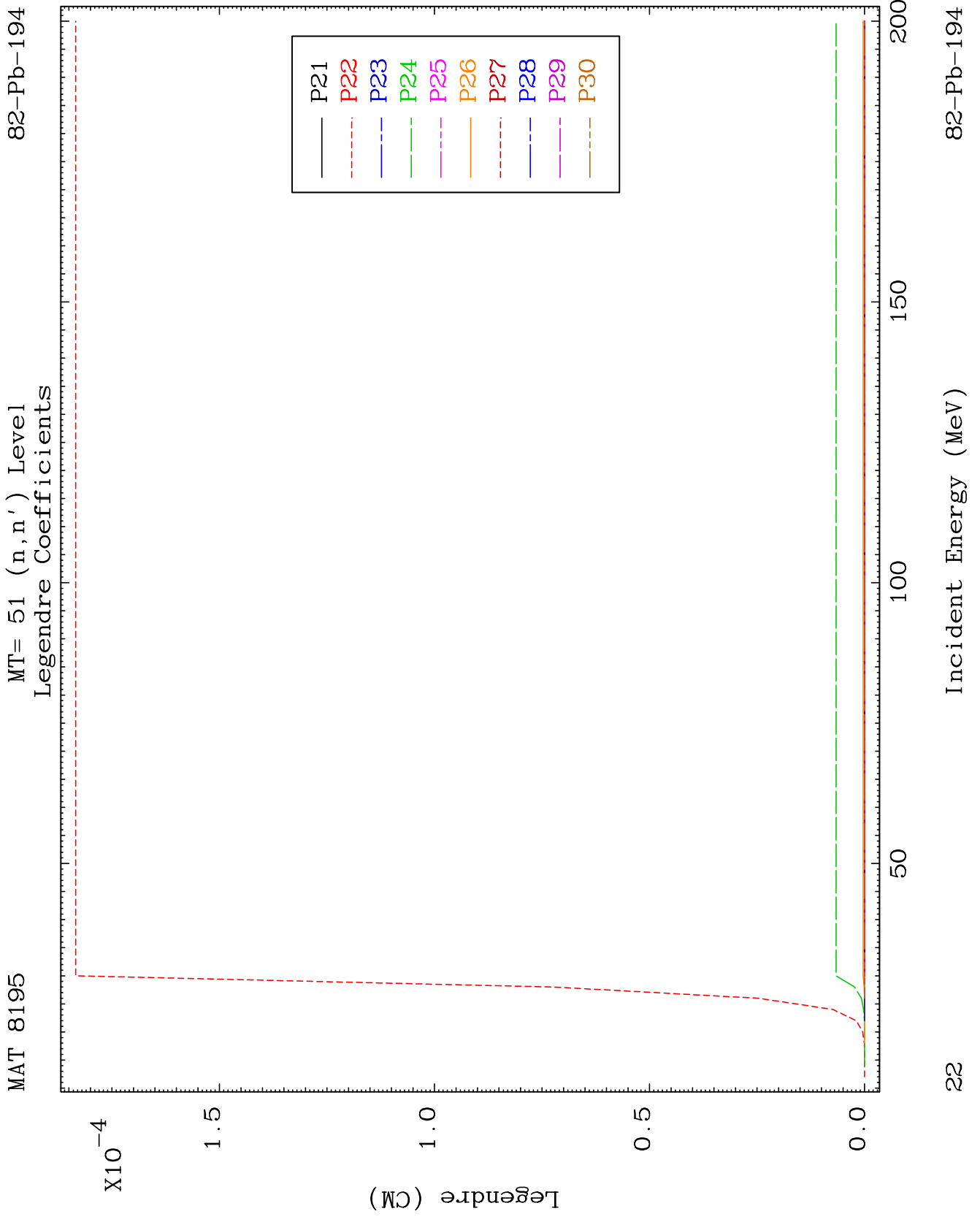
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21

Incident Energy (MeV)

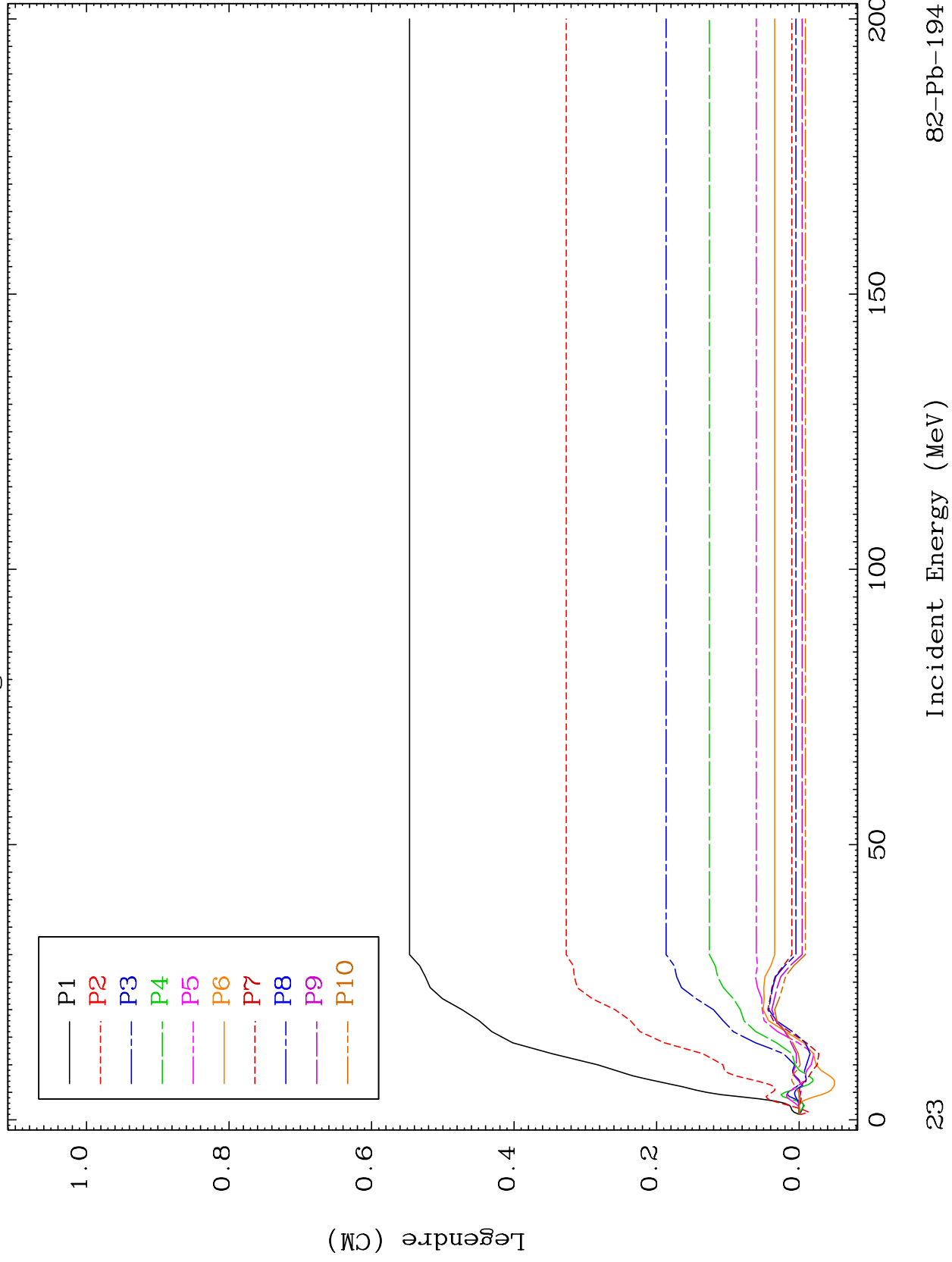
82-Pb-194



MAT 8195

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

82-Pb-194



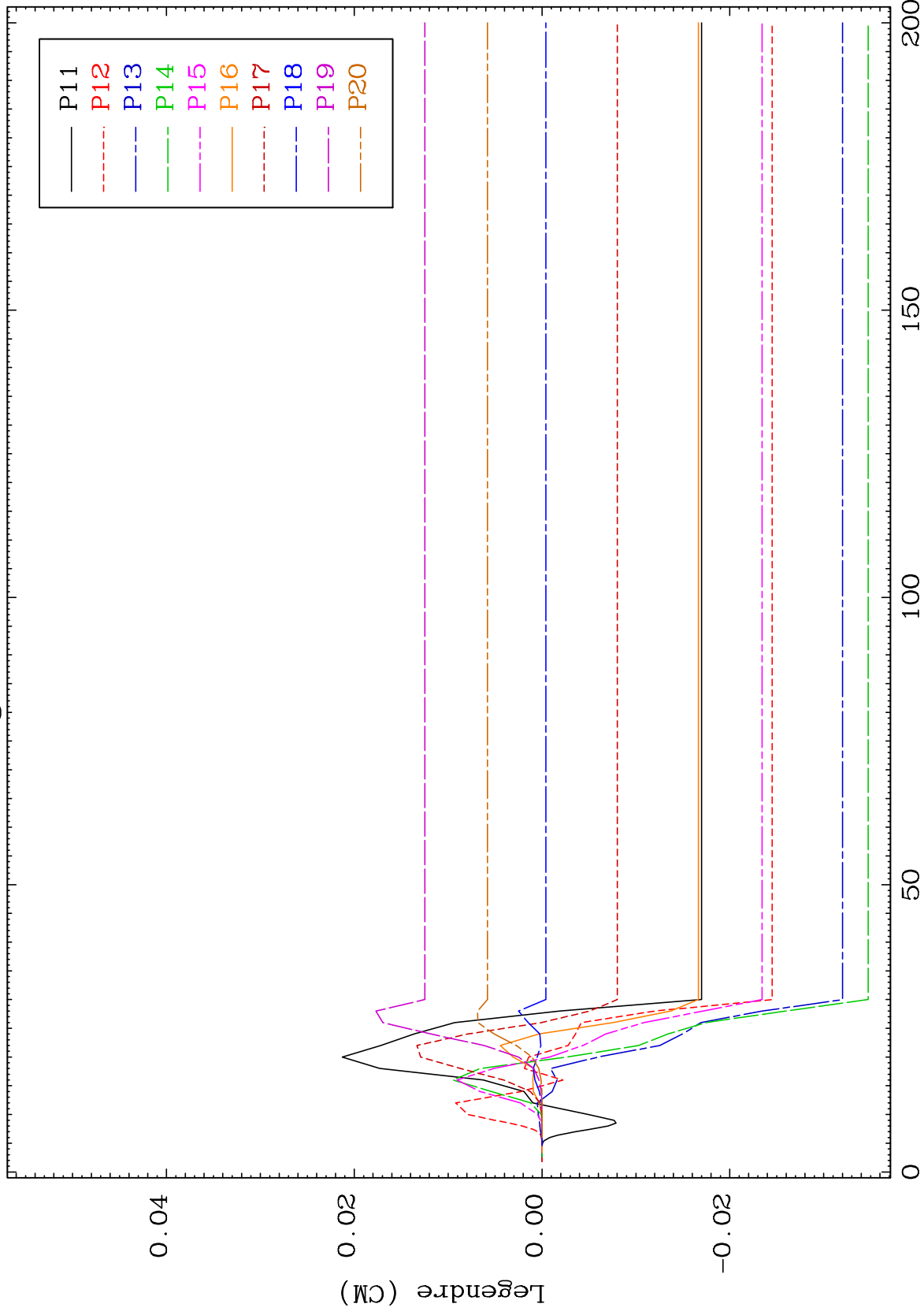
23

82-Pb-194

MAT 8195

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

82-Pb-194



24

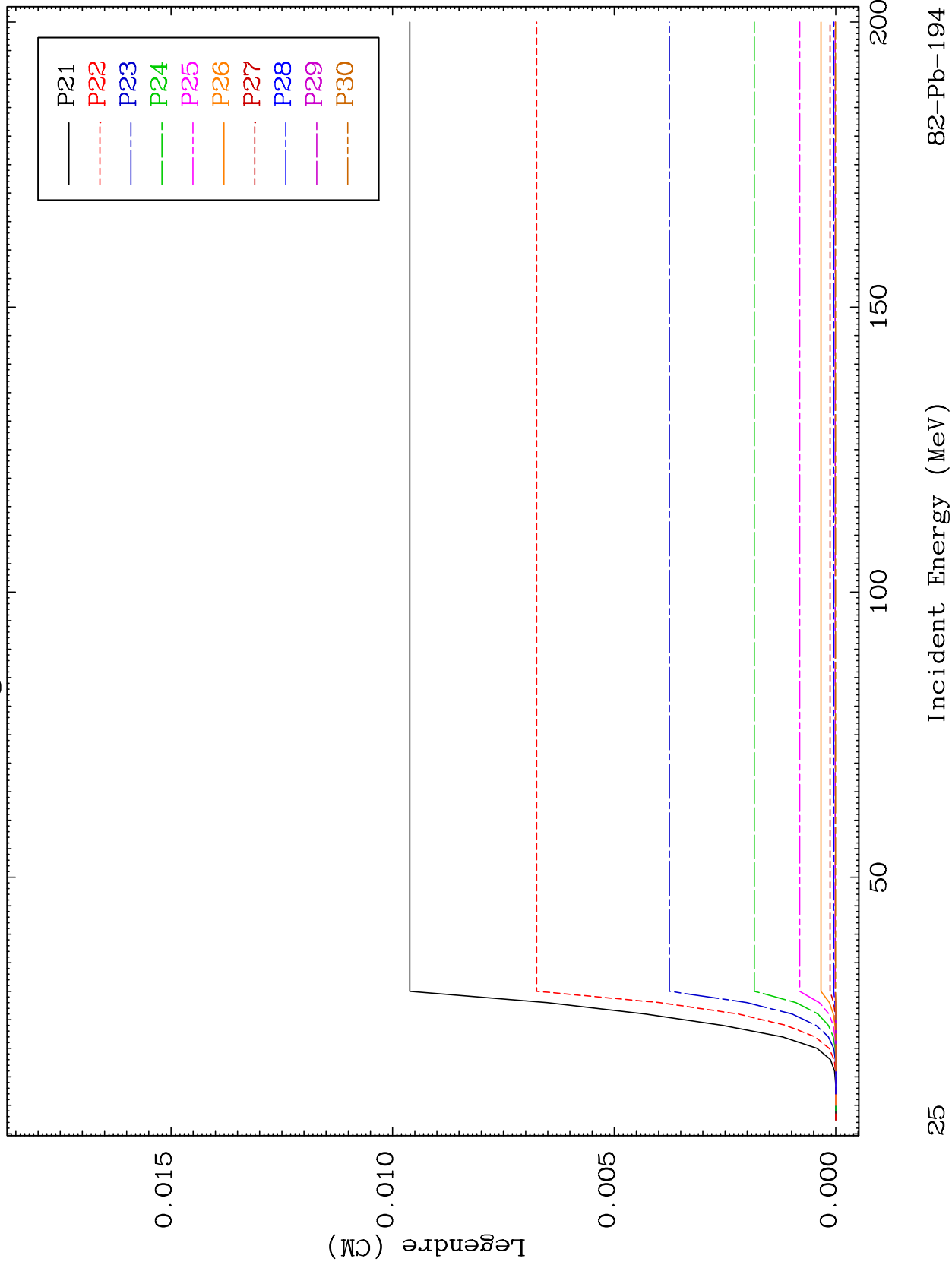
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



25

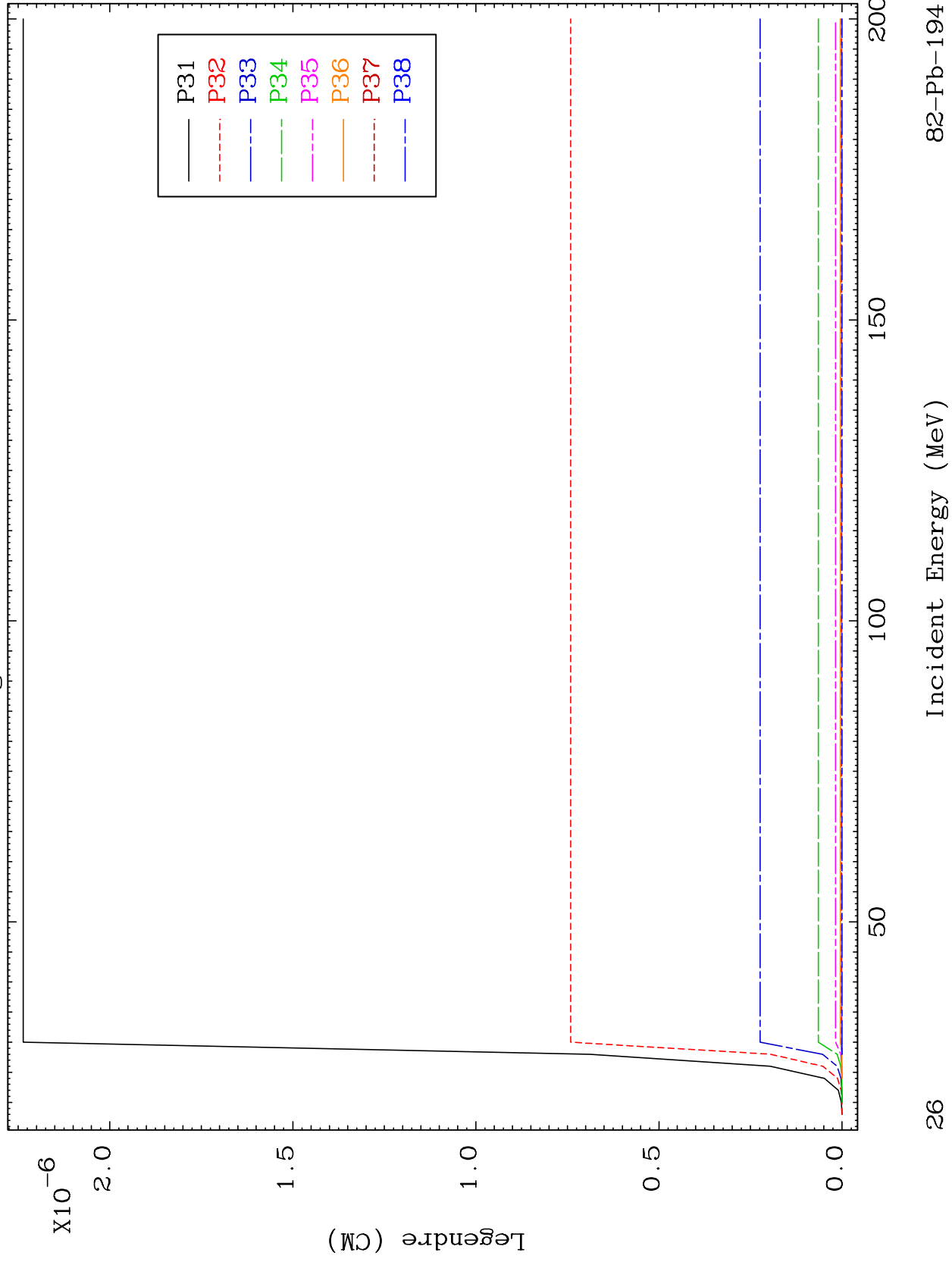
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



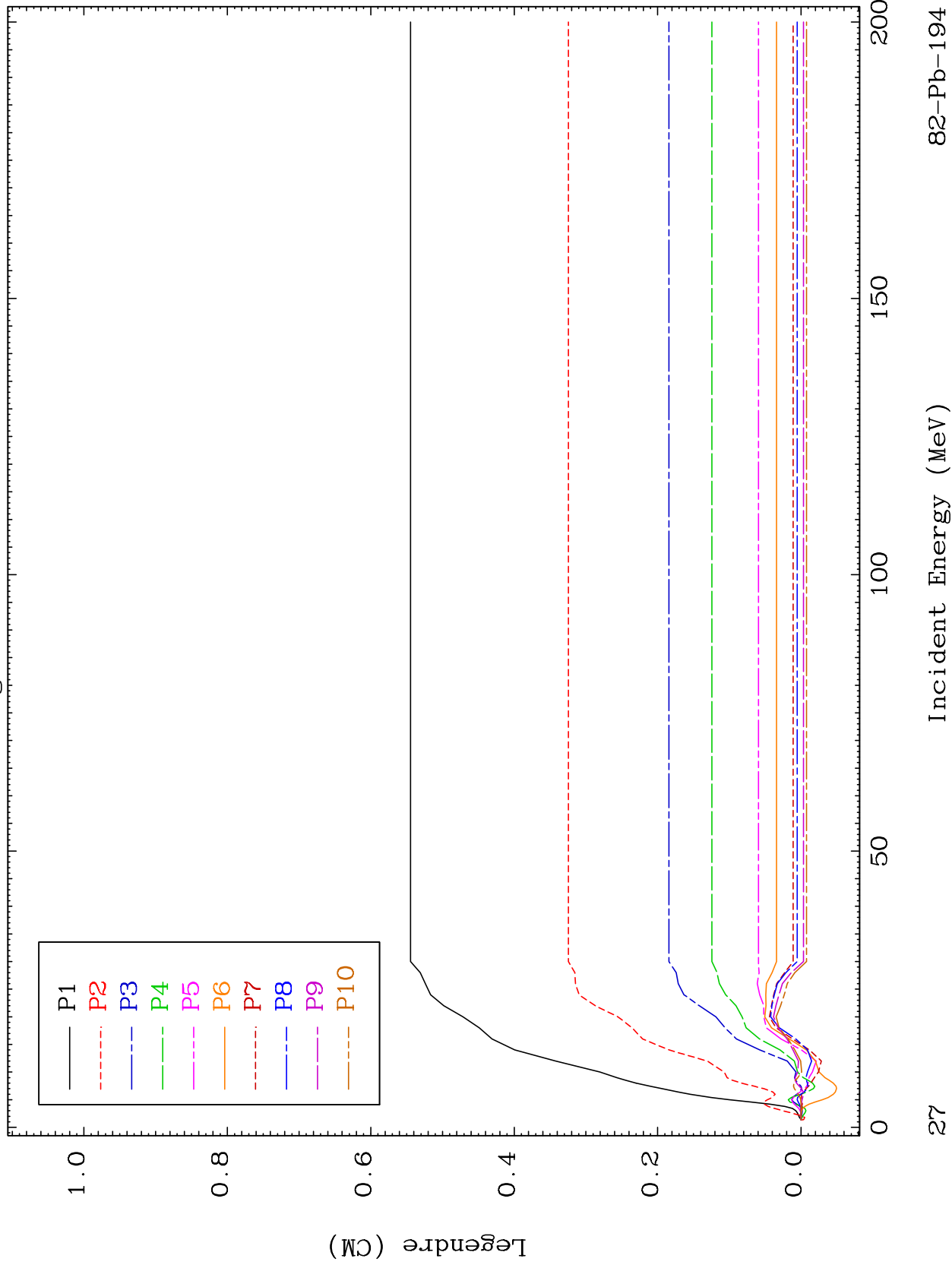
26

82-Pb-194

MAT 8195

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

82-Pb-194

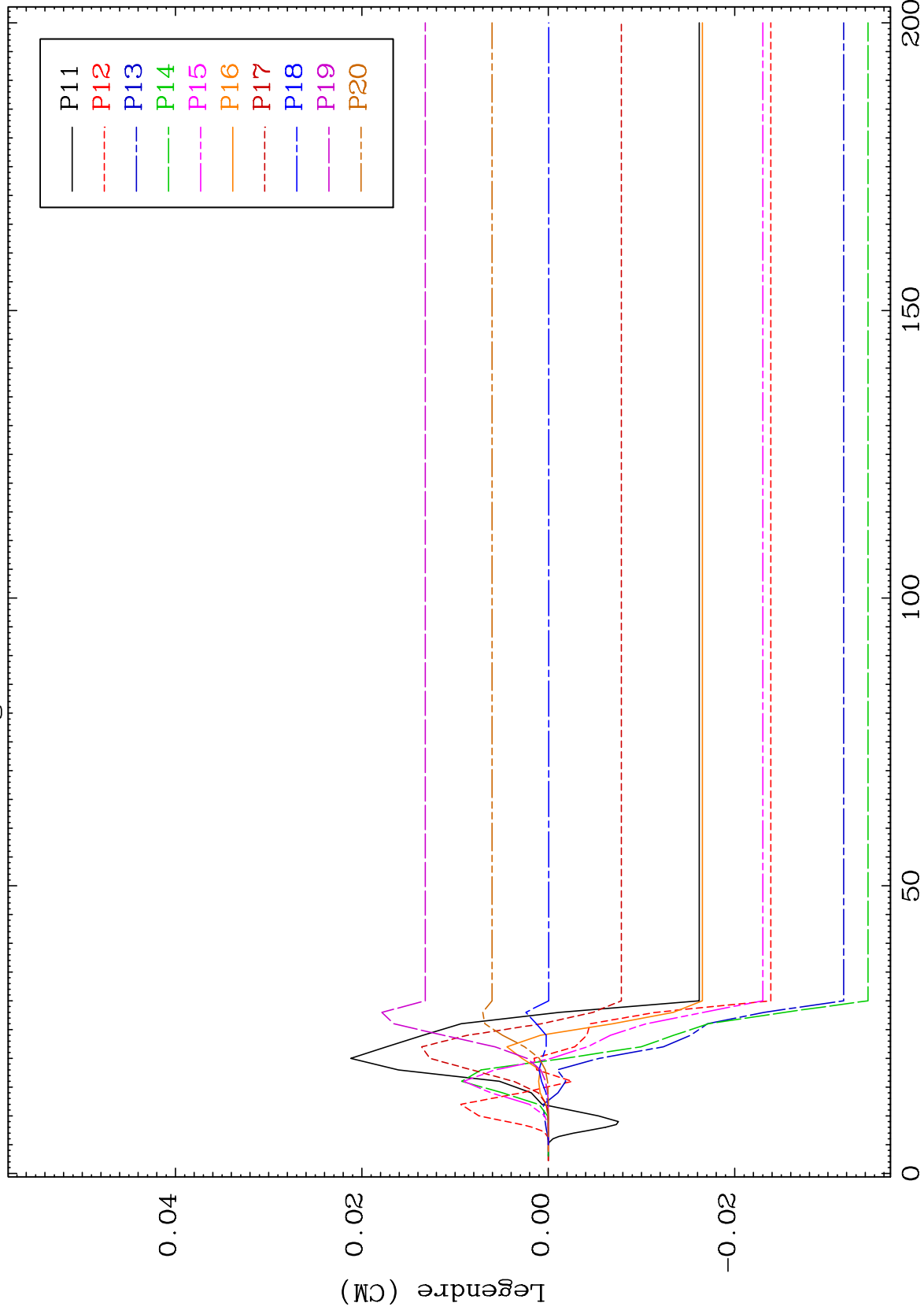


27

MAT 8195

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

82-Pb-194



28

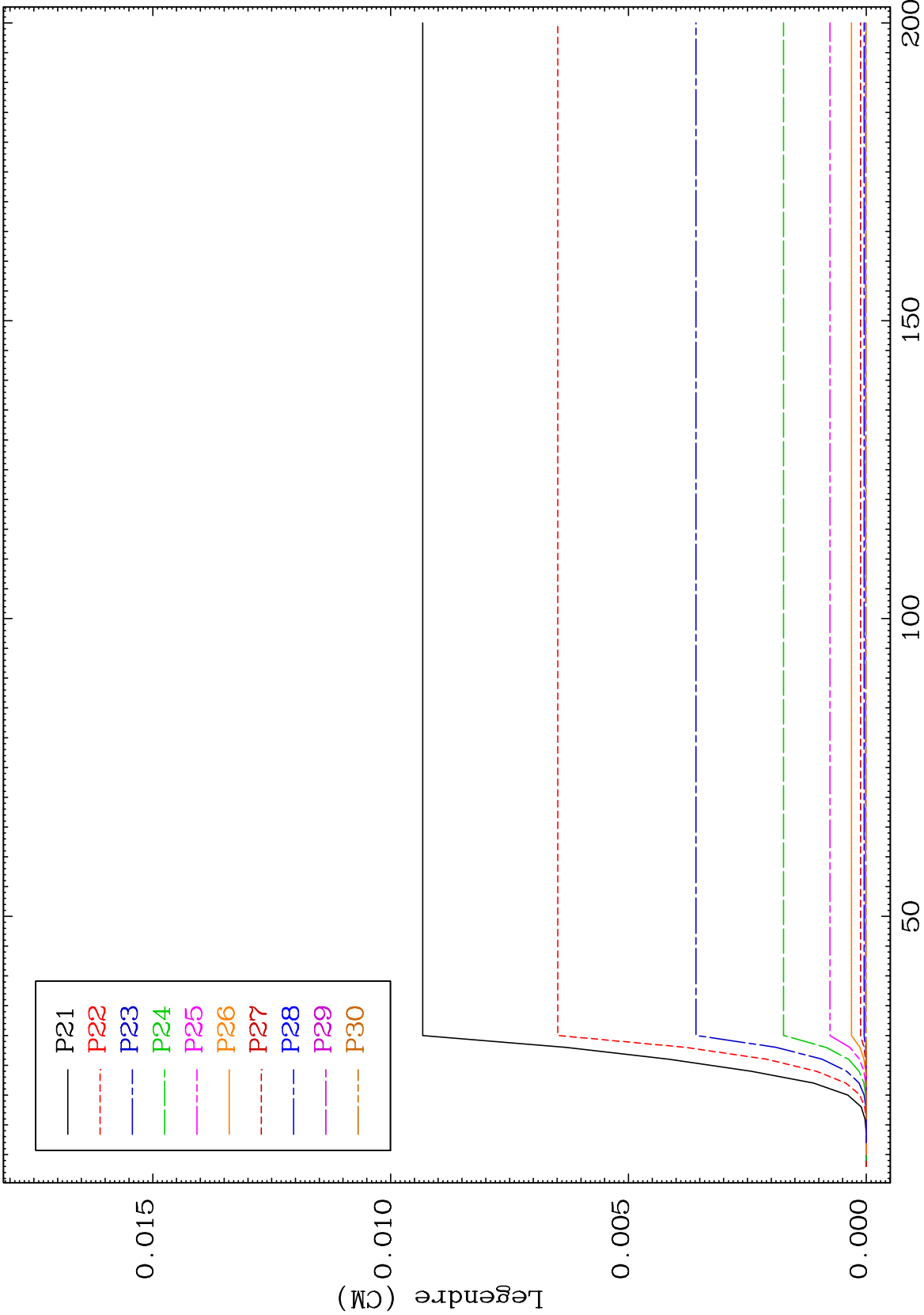
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

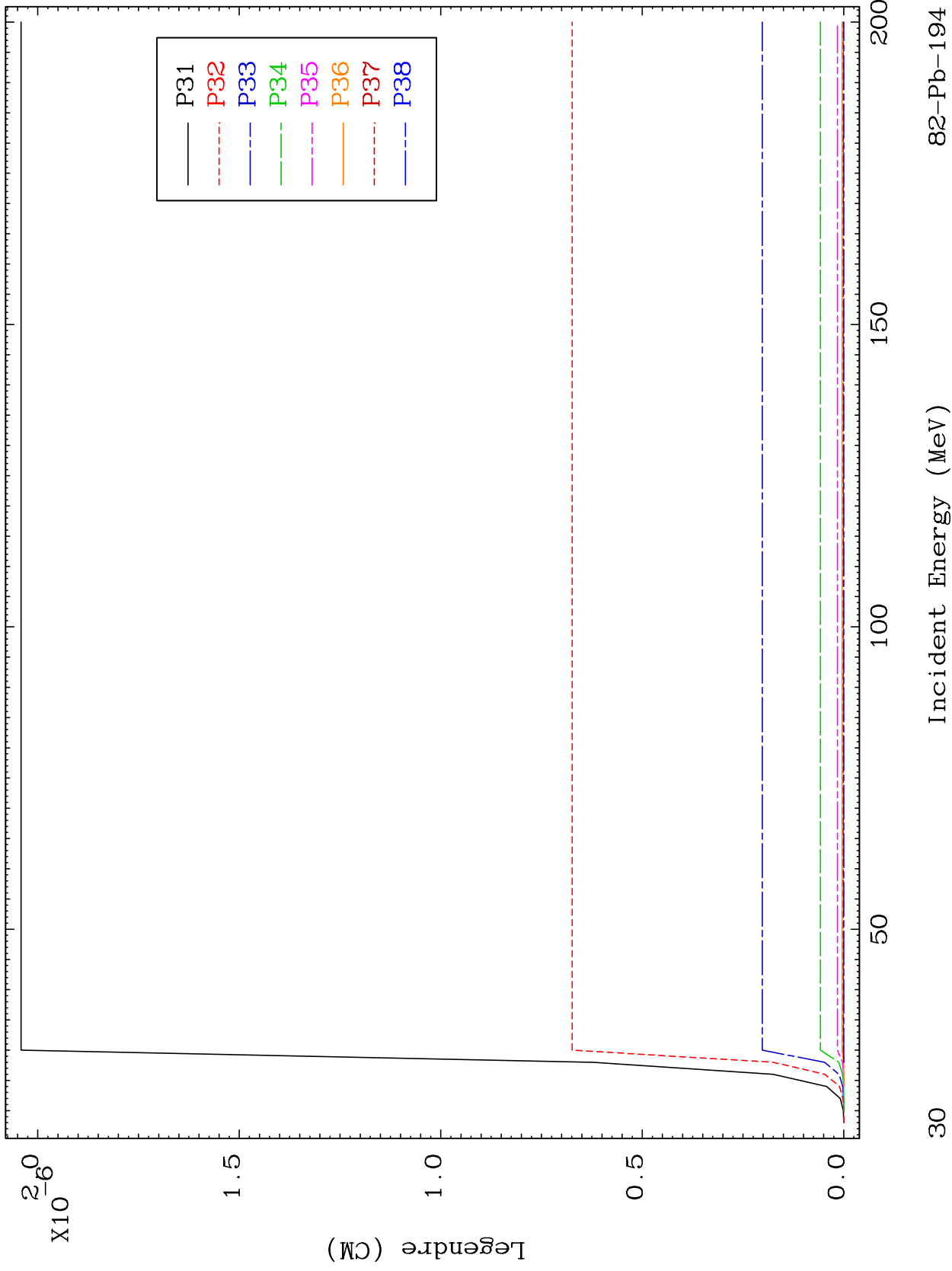
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MAT 8195

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

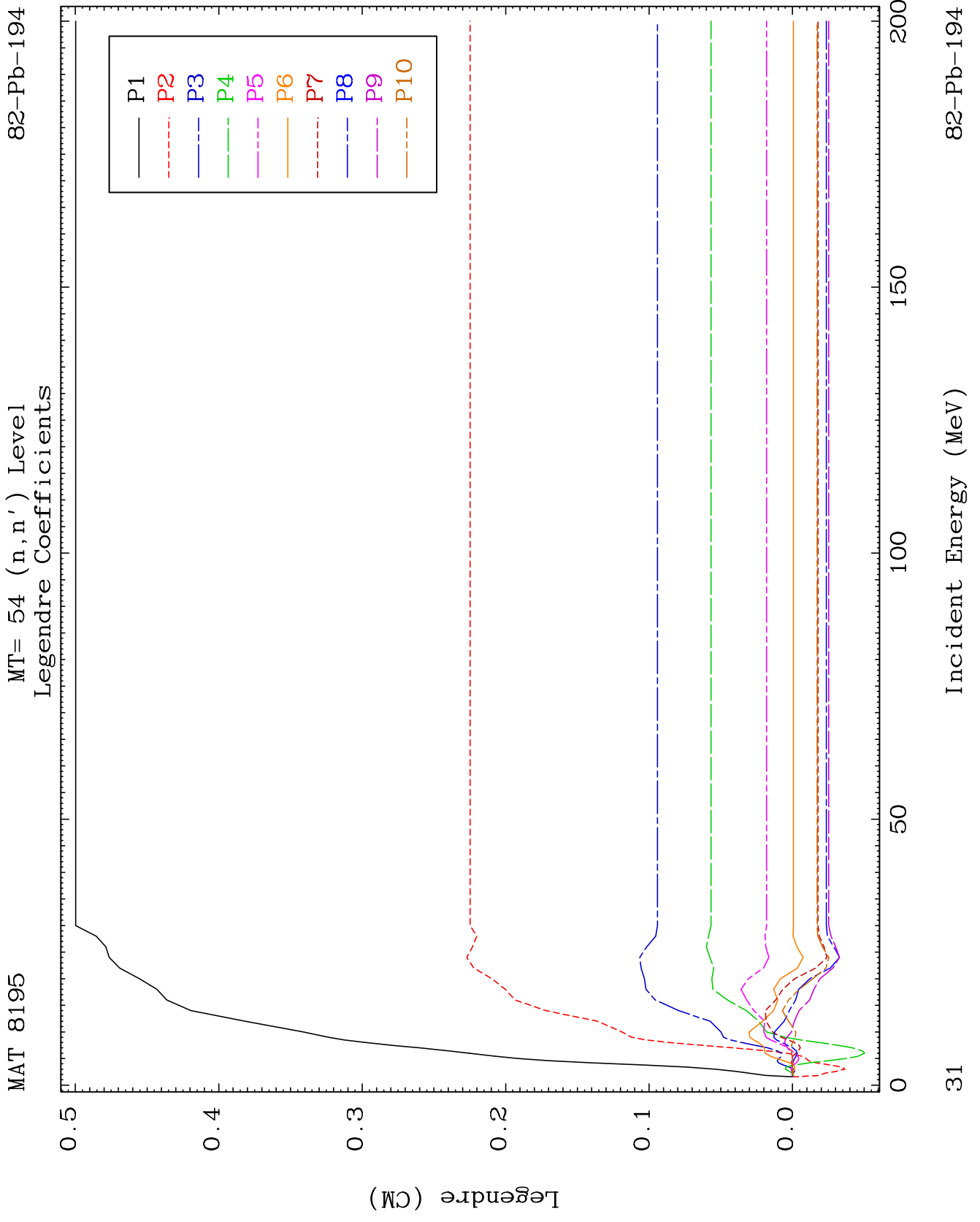
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82-Pb-194

Incident Energy (MeV)

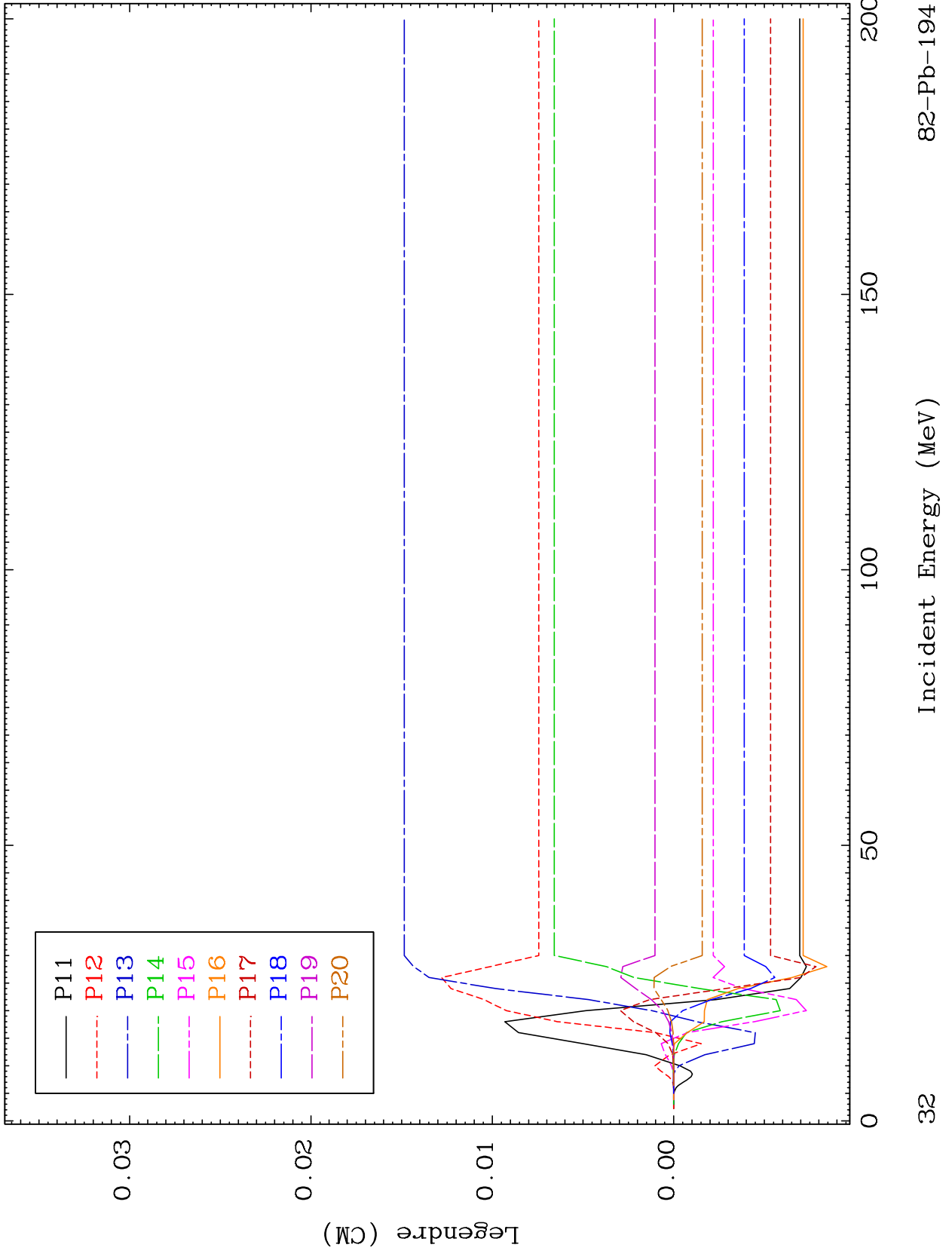
30



MAT 8195

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

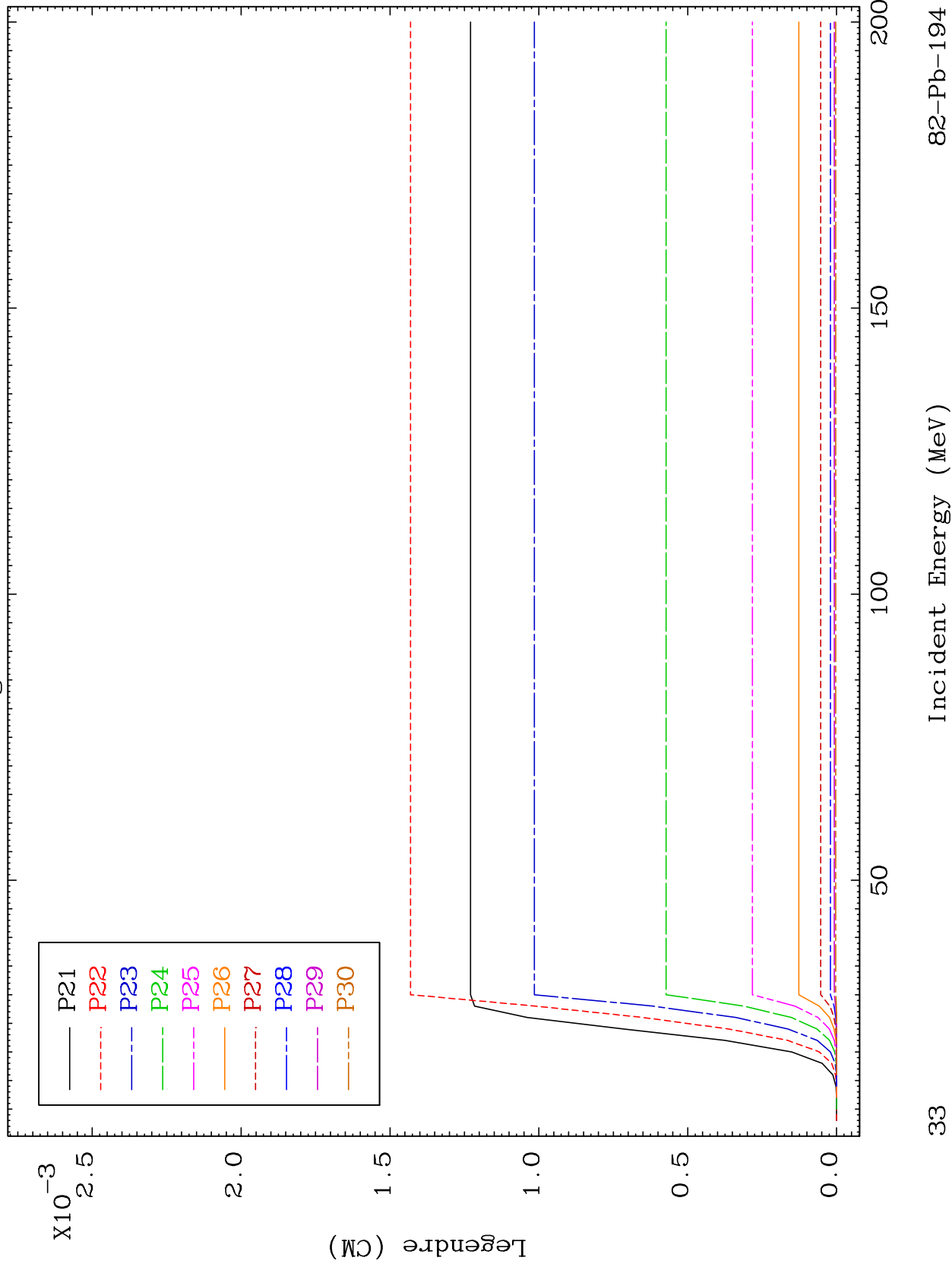
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32

Incident Energy (MeV)

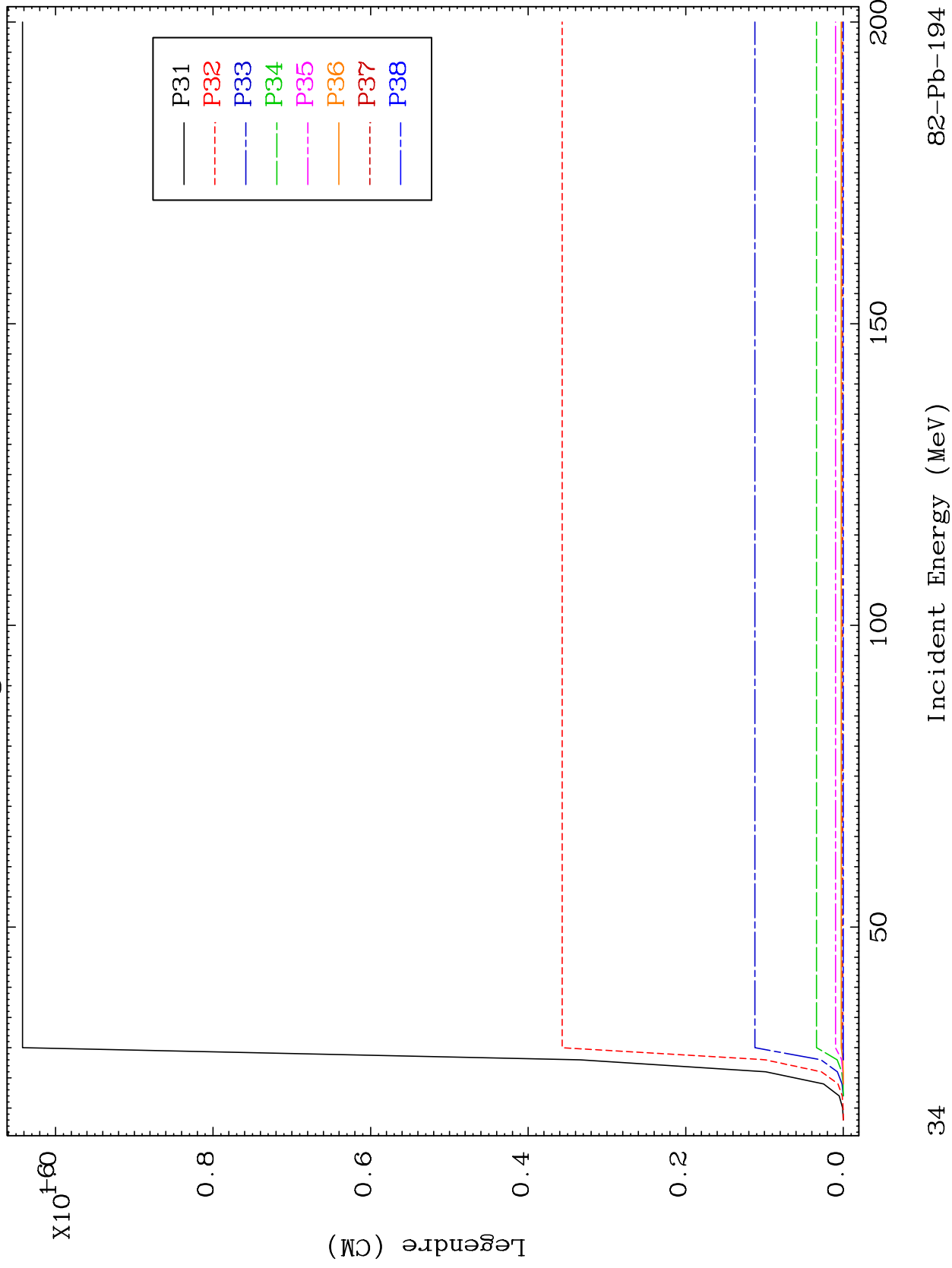
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MAT 8195

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

82-Pb-194



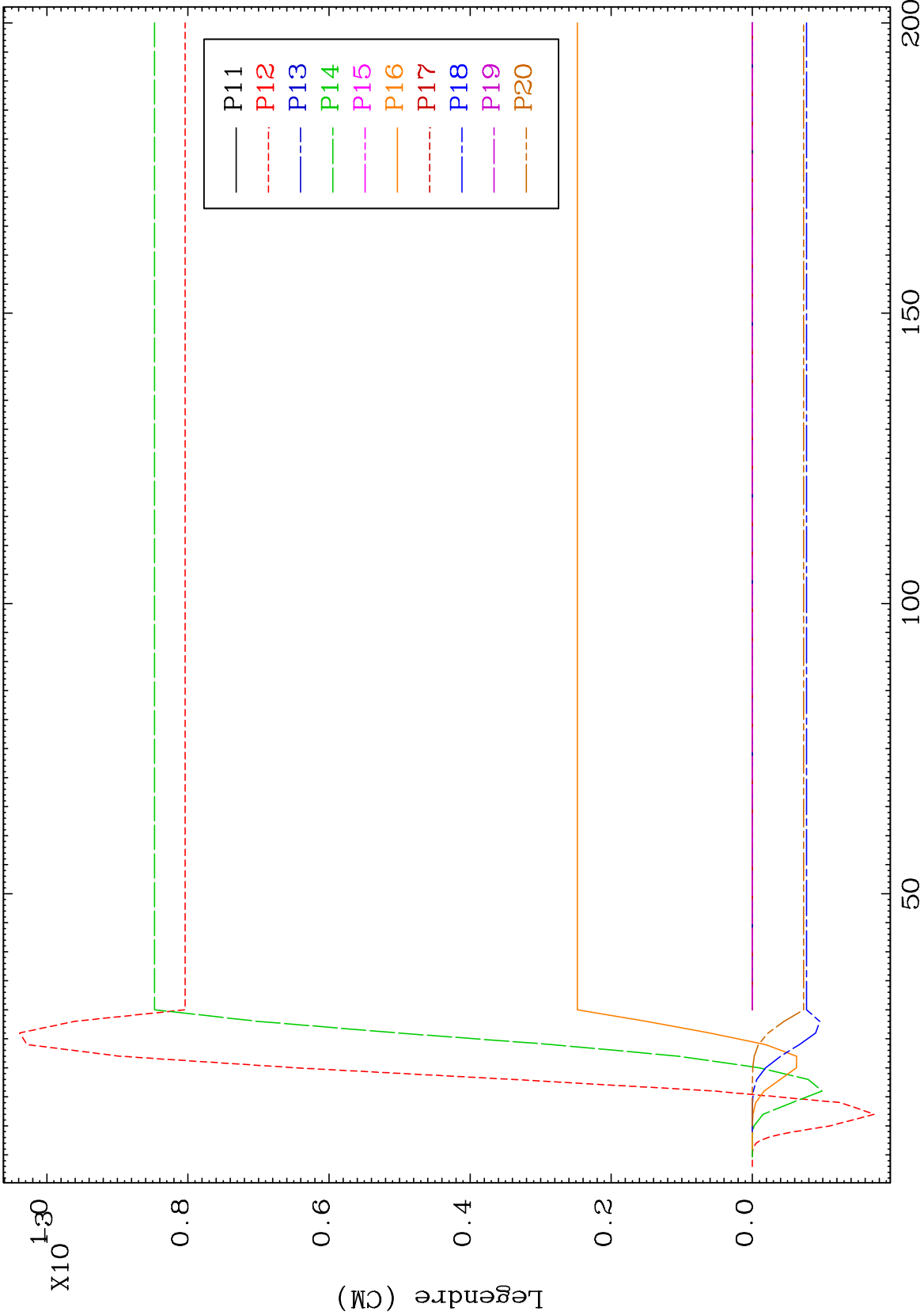
34

82-Pb-194

MAT 8195

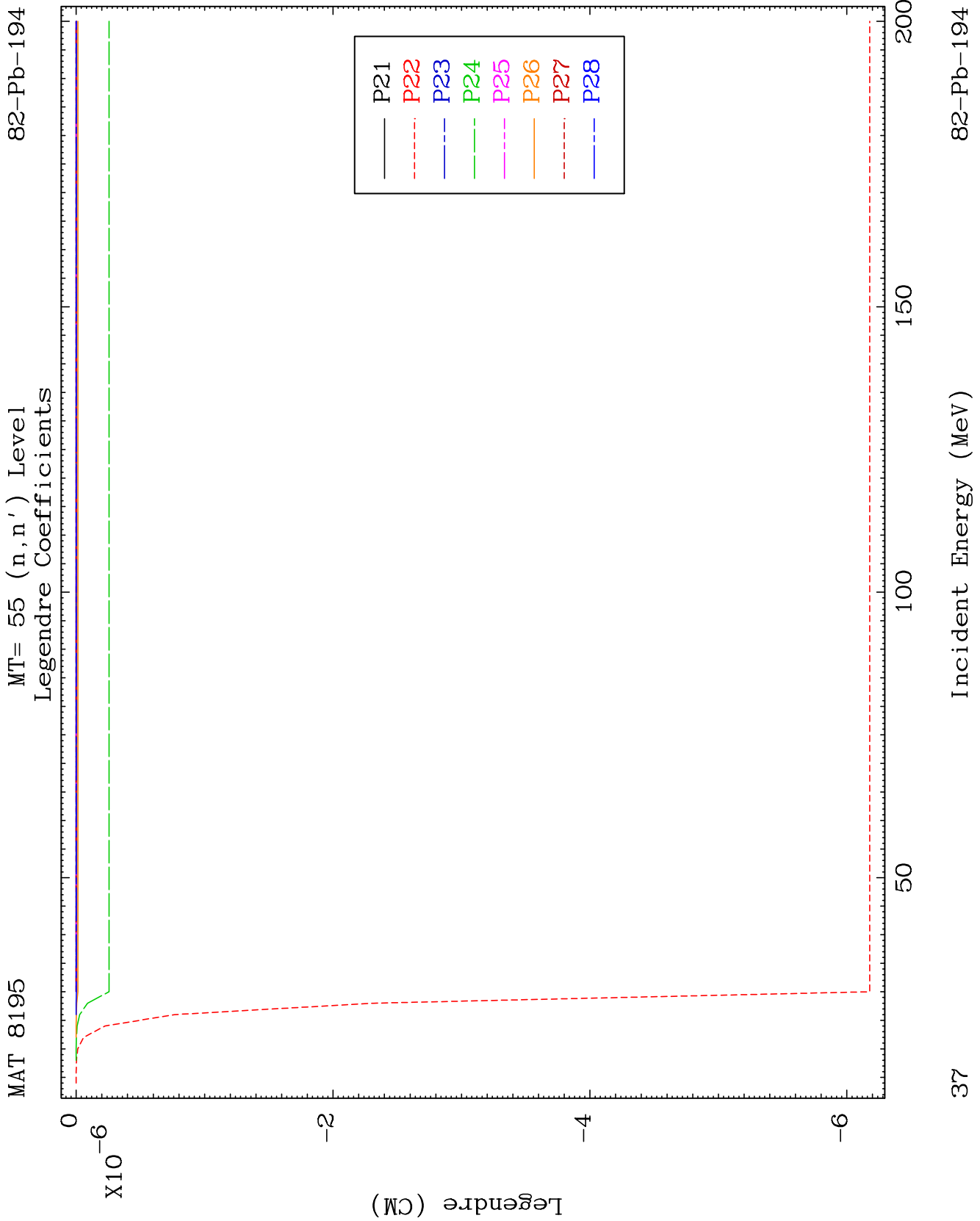
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Legendre Coefficients

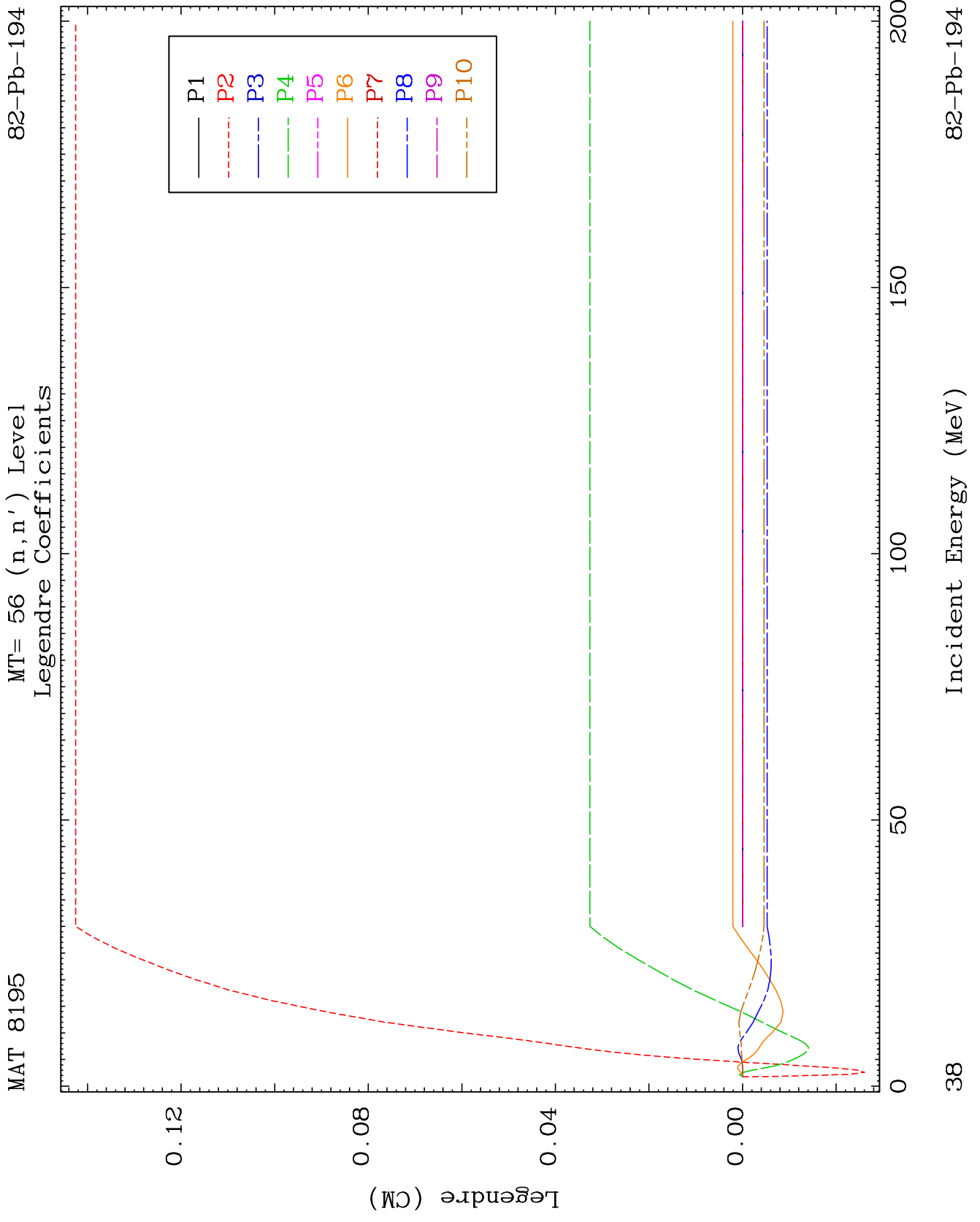
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82-Pb-194

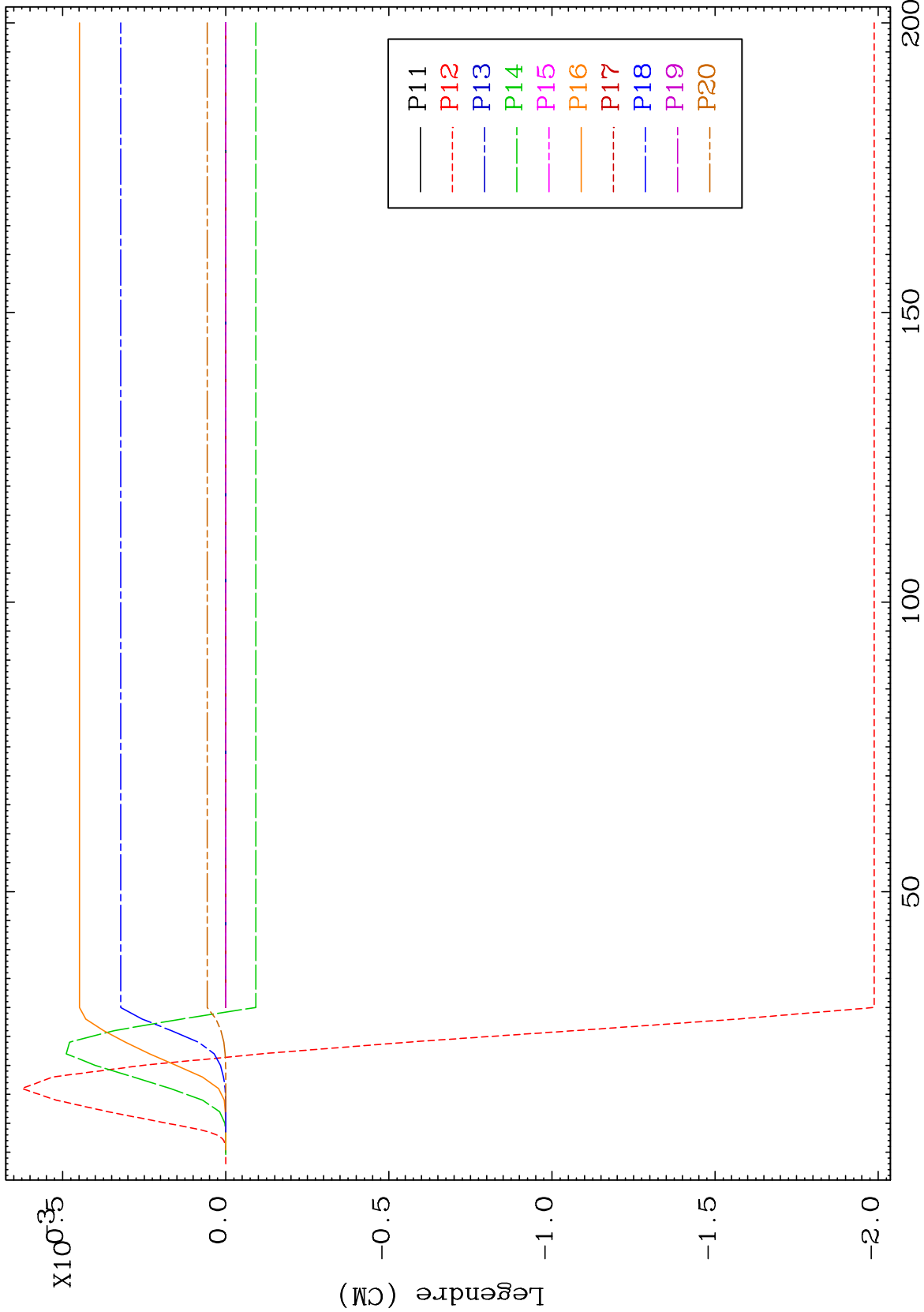




MAT 8195

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

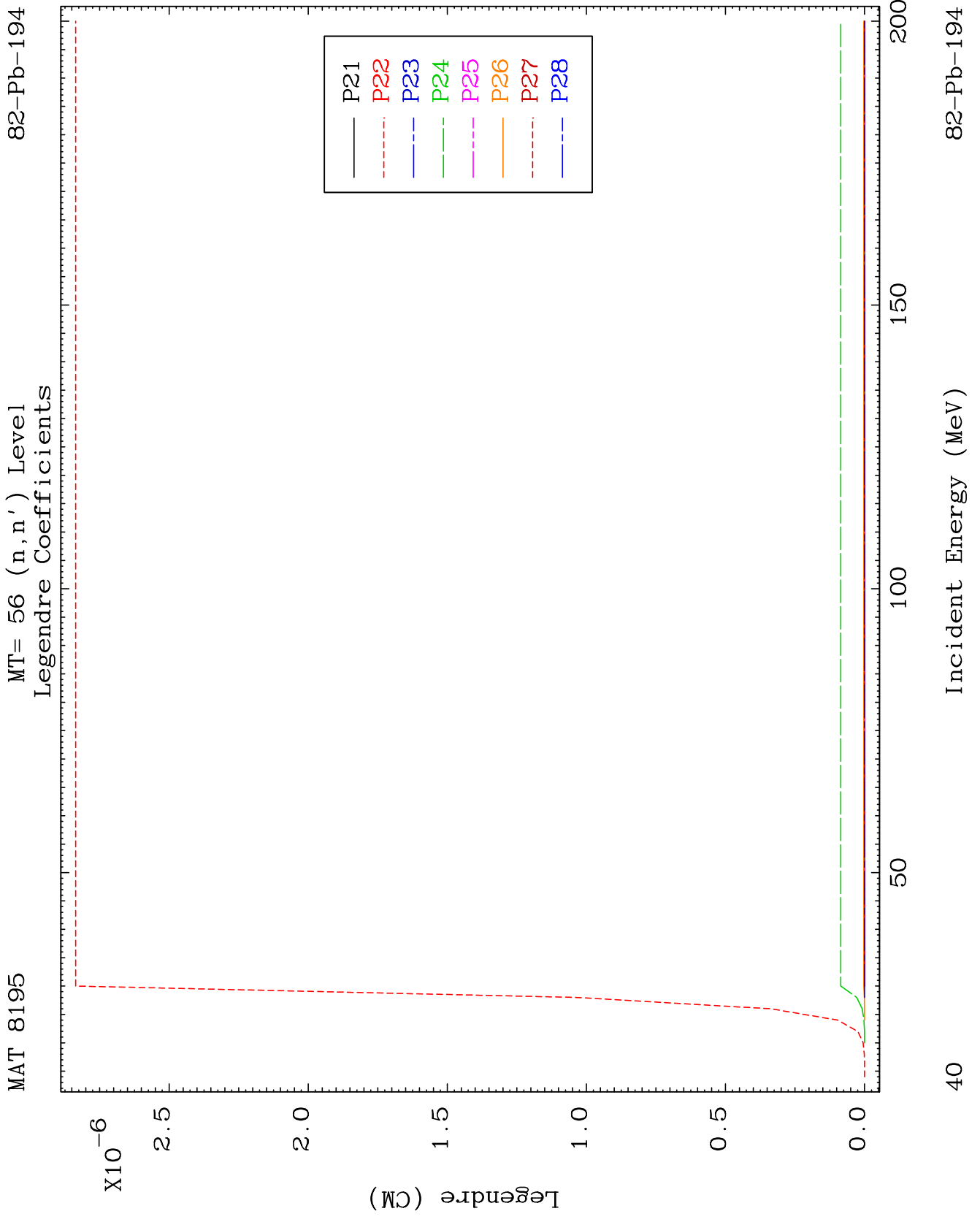
82-Pb-194



39

Incident Energy (MeV)

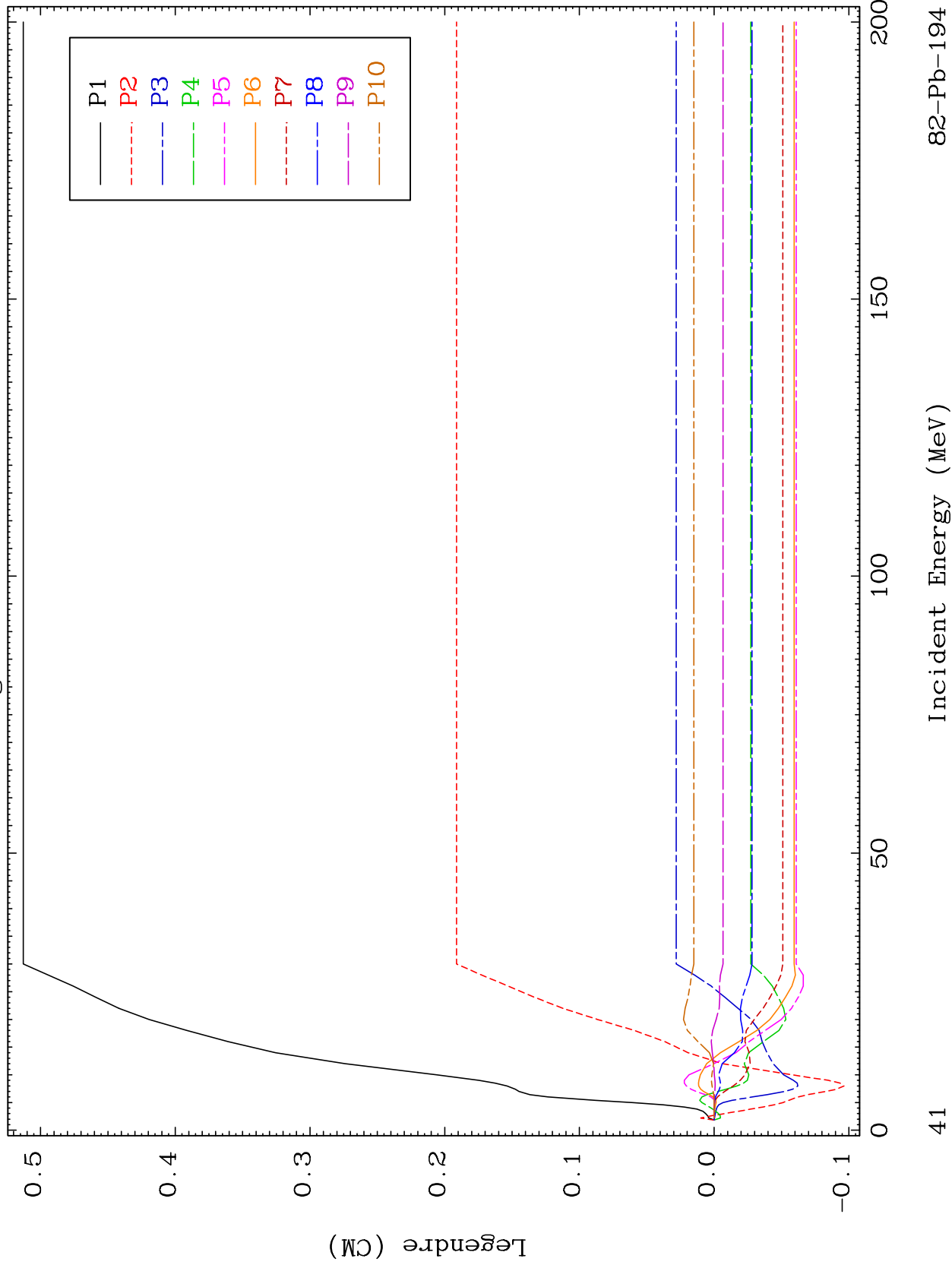
82-Pb-194



MAT 8195

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

82-Pb-194



41

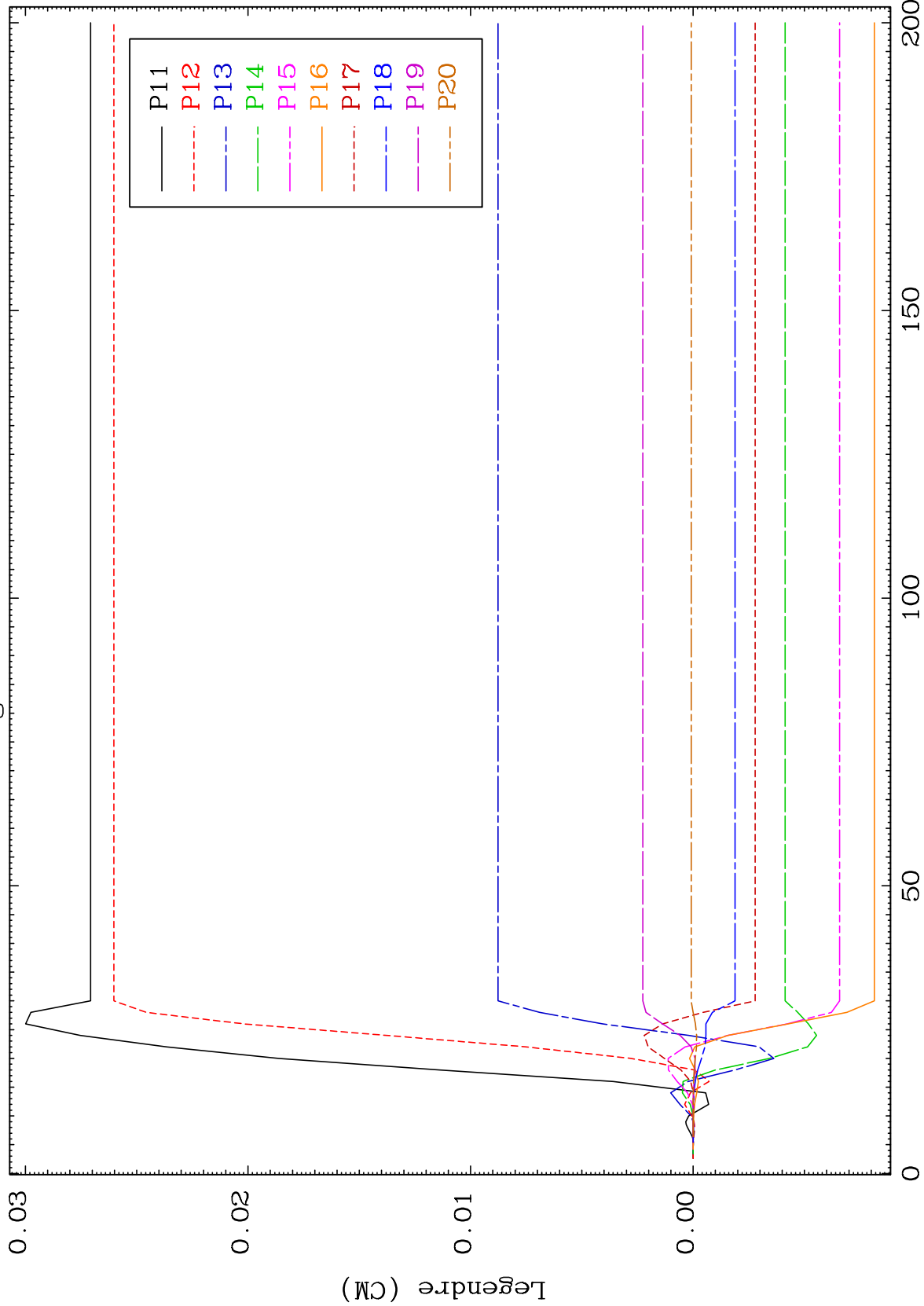
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



42

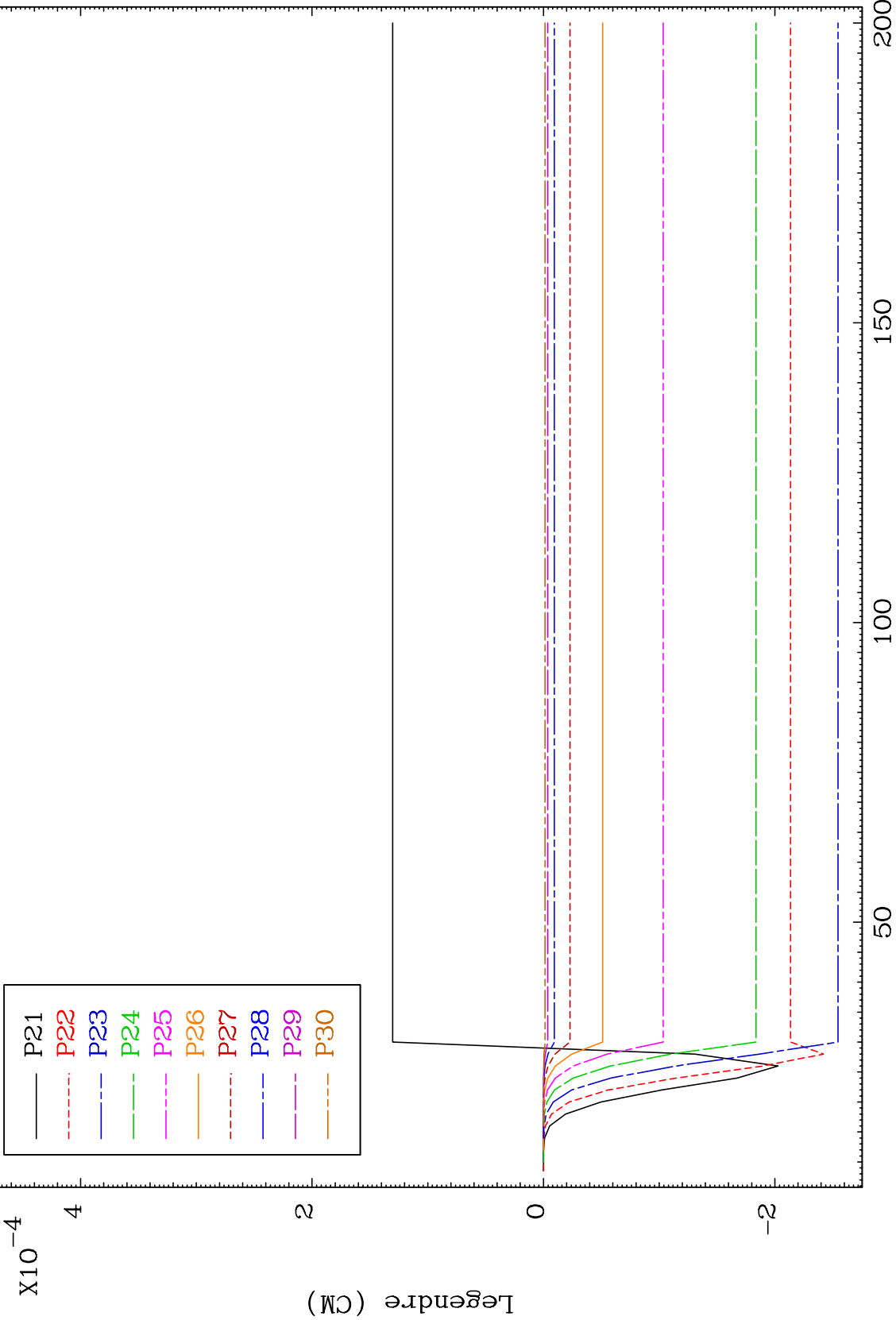
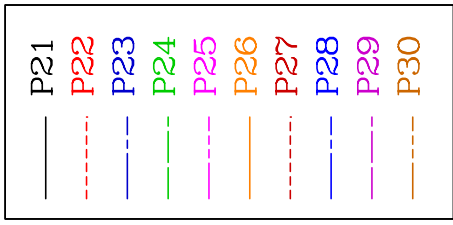
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

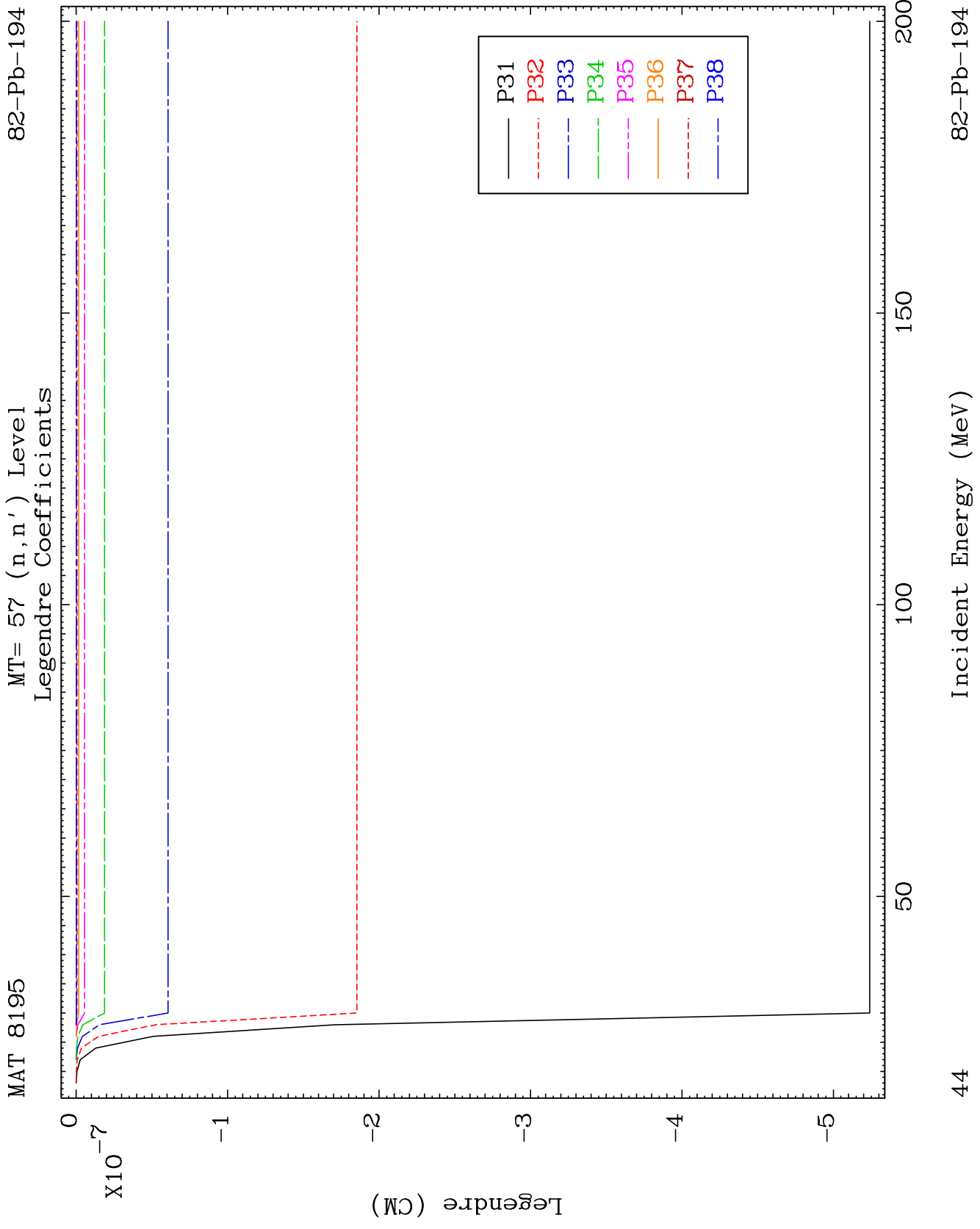
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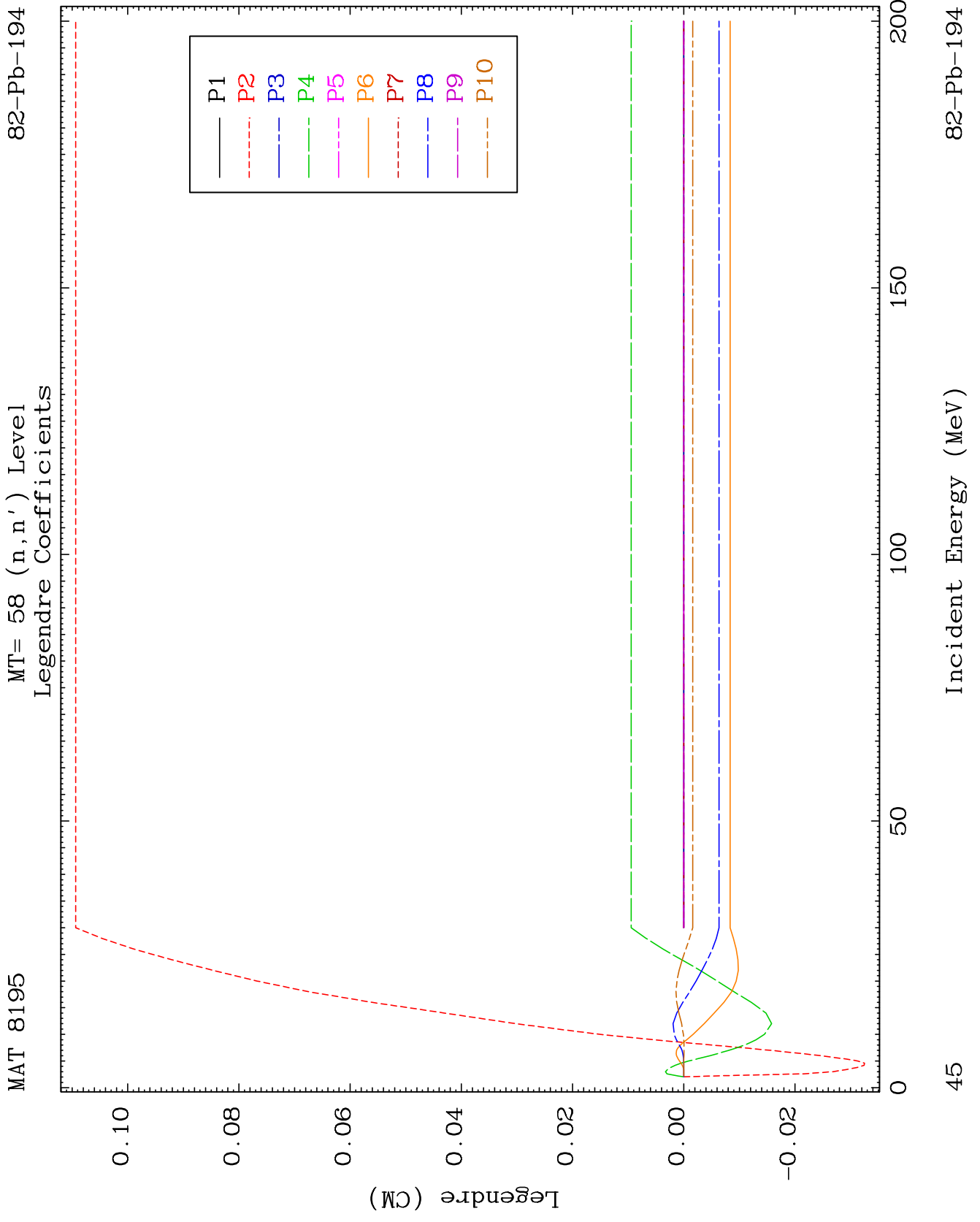


43

Incident Energy (MeV)

82-Pb-194

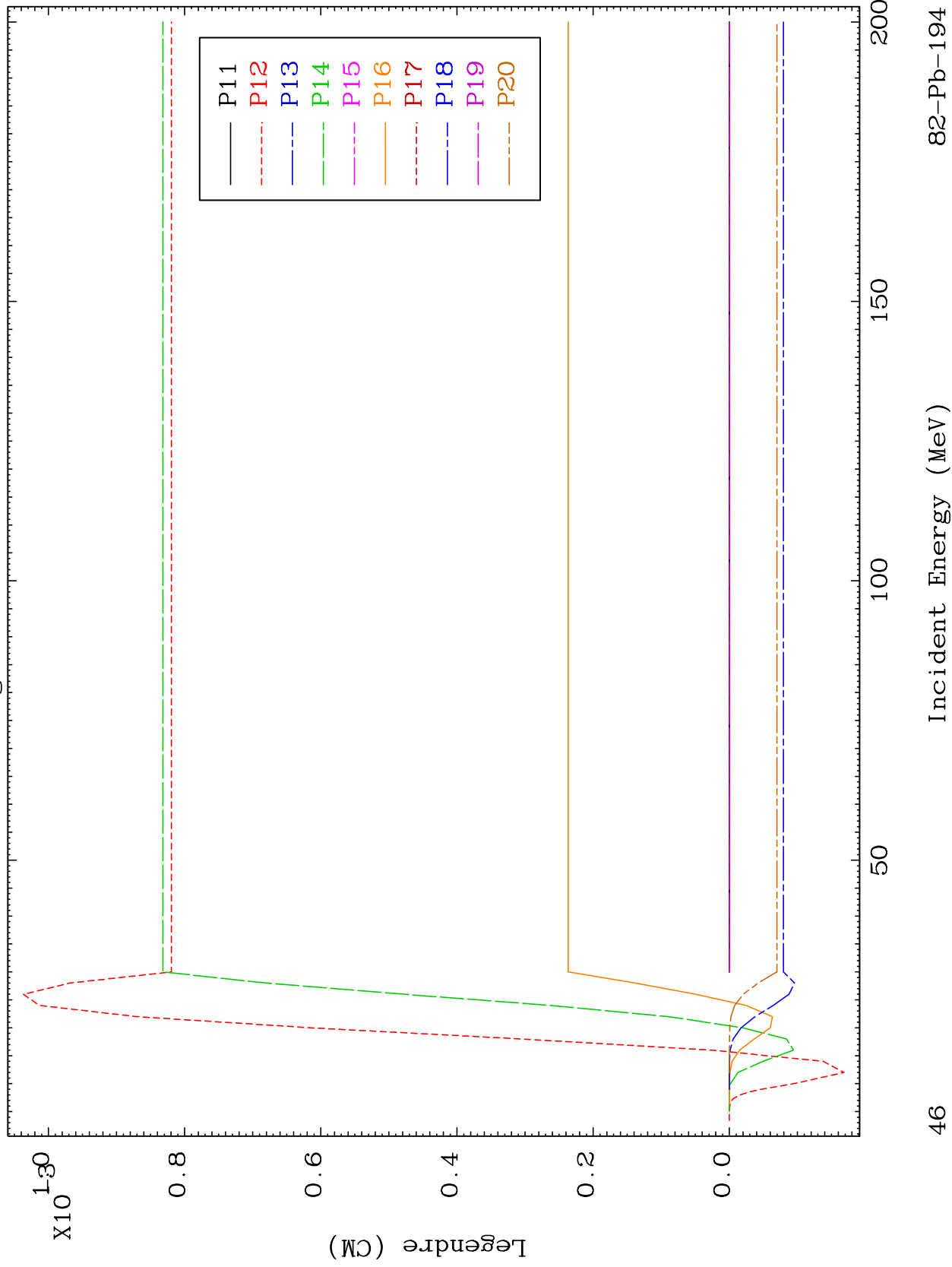




MAT 8195

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

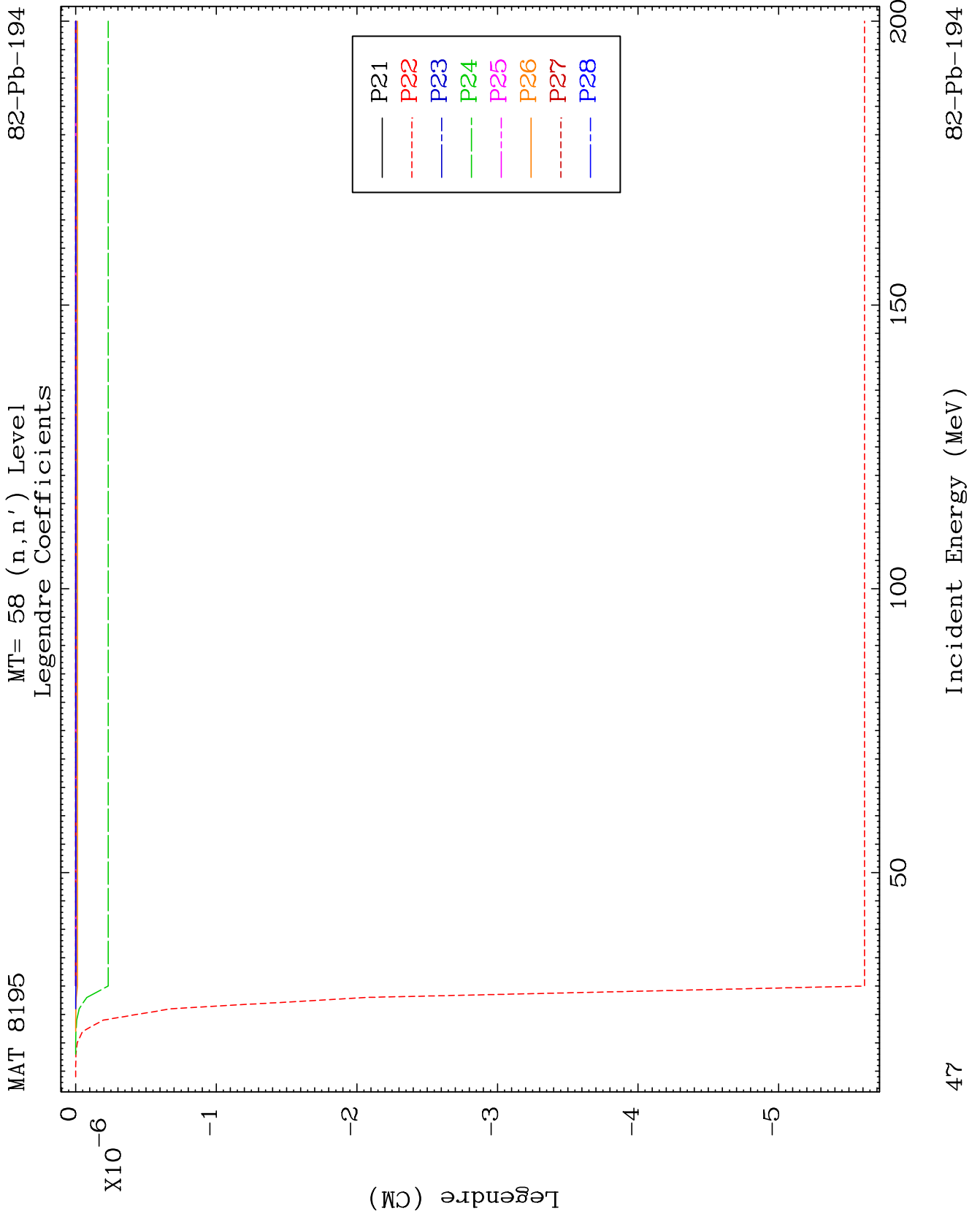
82-Pb-194



46

Incident Energy (MeV)

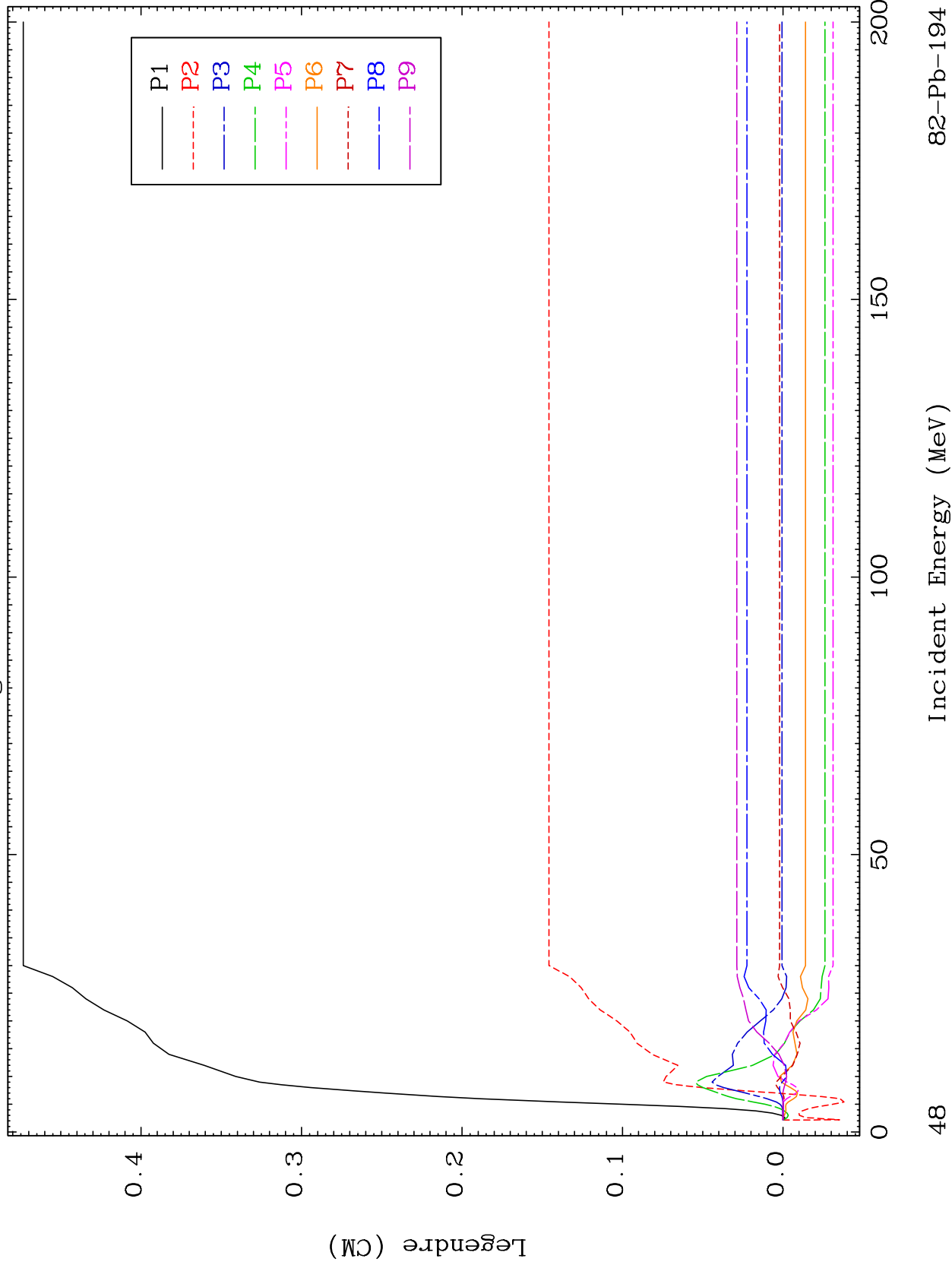
82-Pb-194



MAT 8195

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

82-Pb-194



82-Pb-194

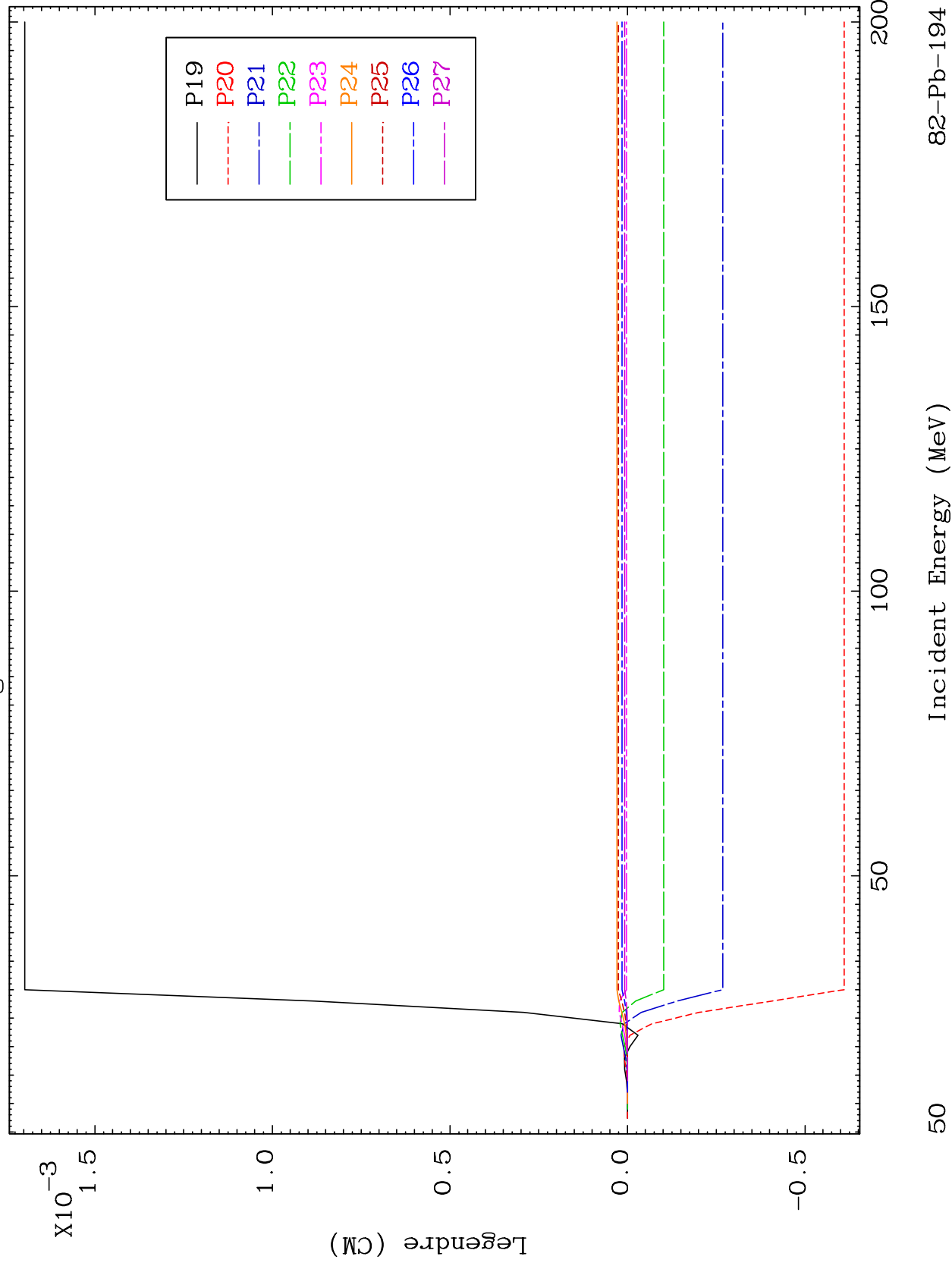
Incident Energy (MeV)

48

MAT 8195

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

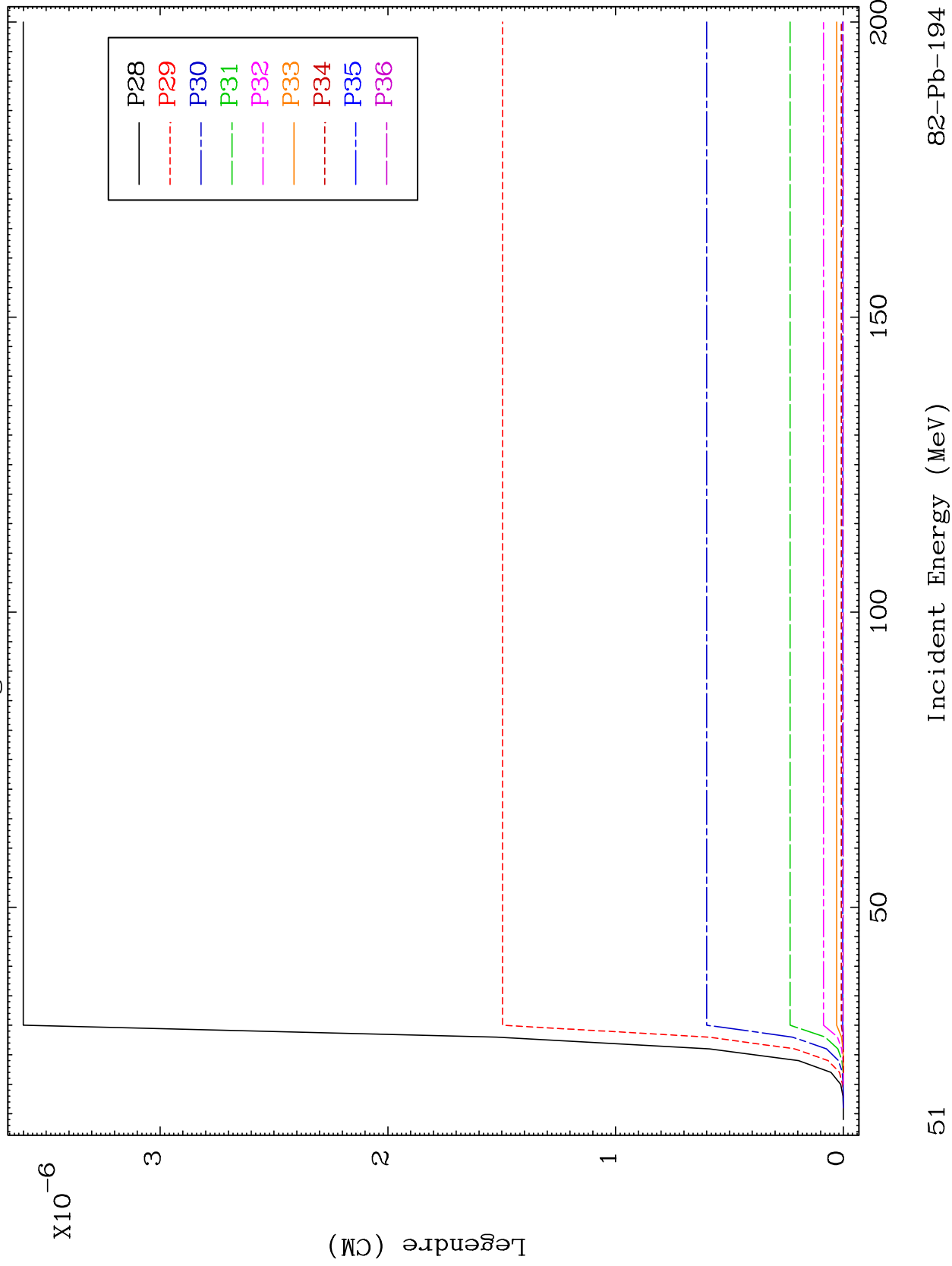
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MAT 8195

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

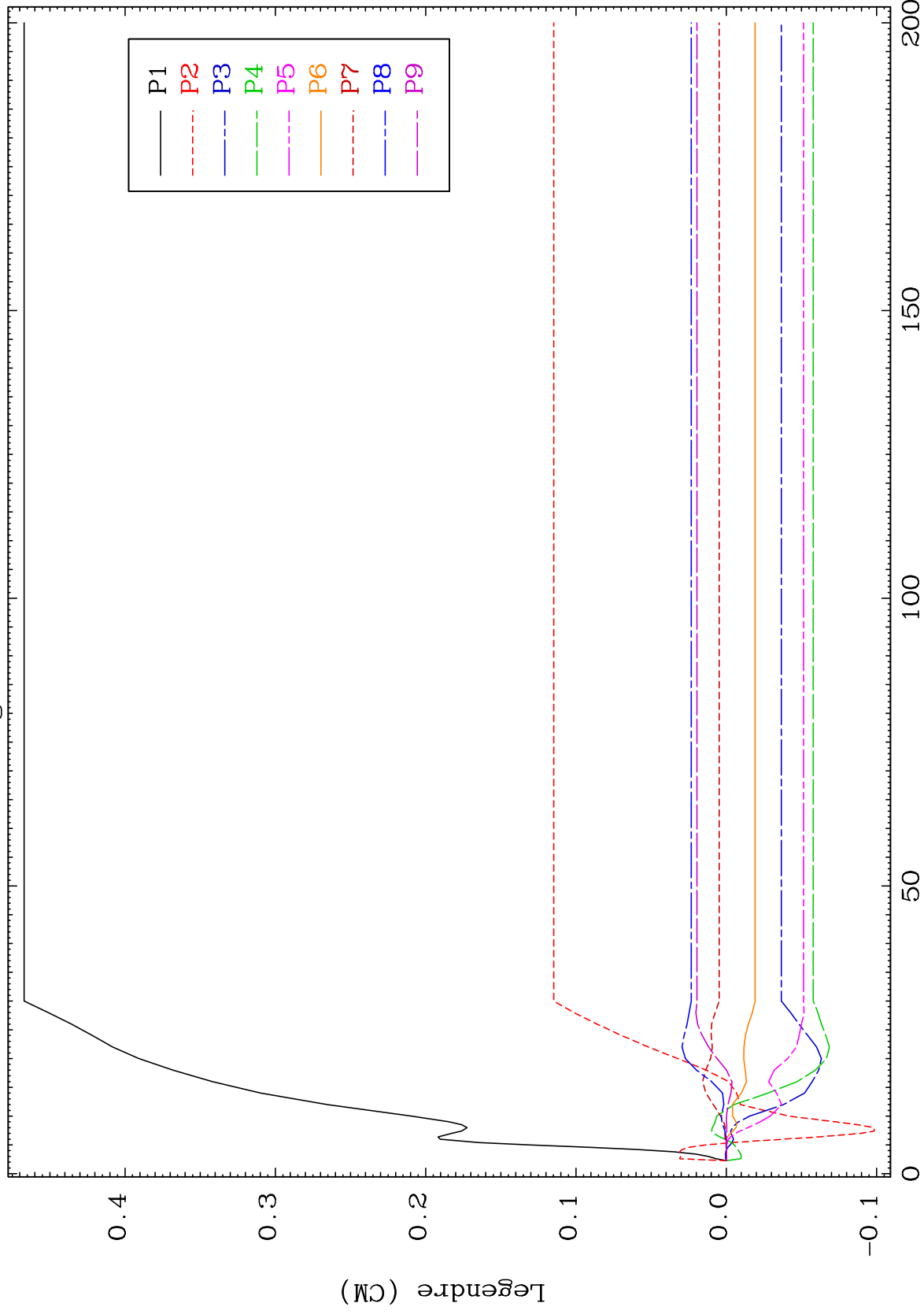
82-Pb-194



MAT 8195

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

82-Pb-194



52

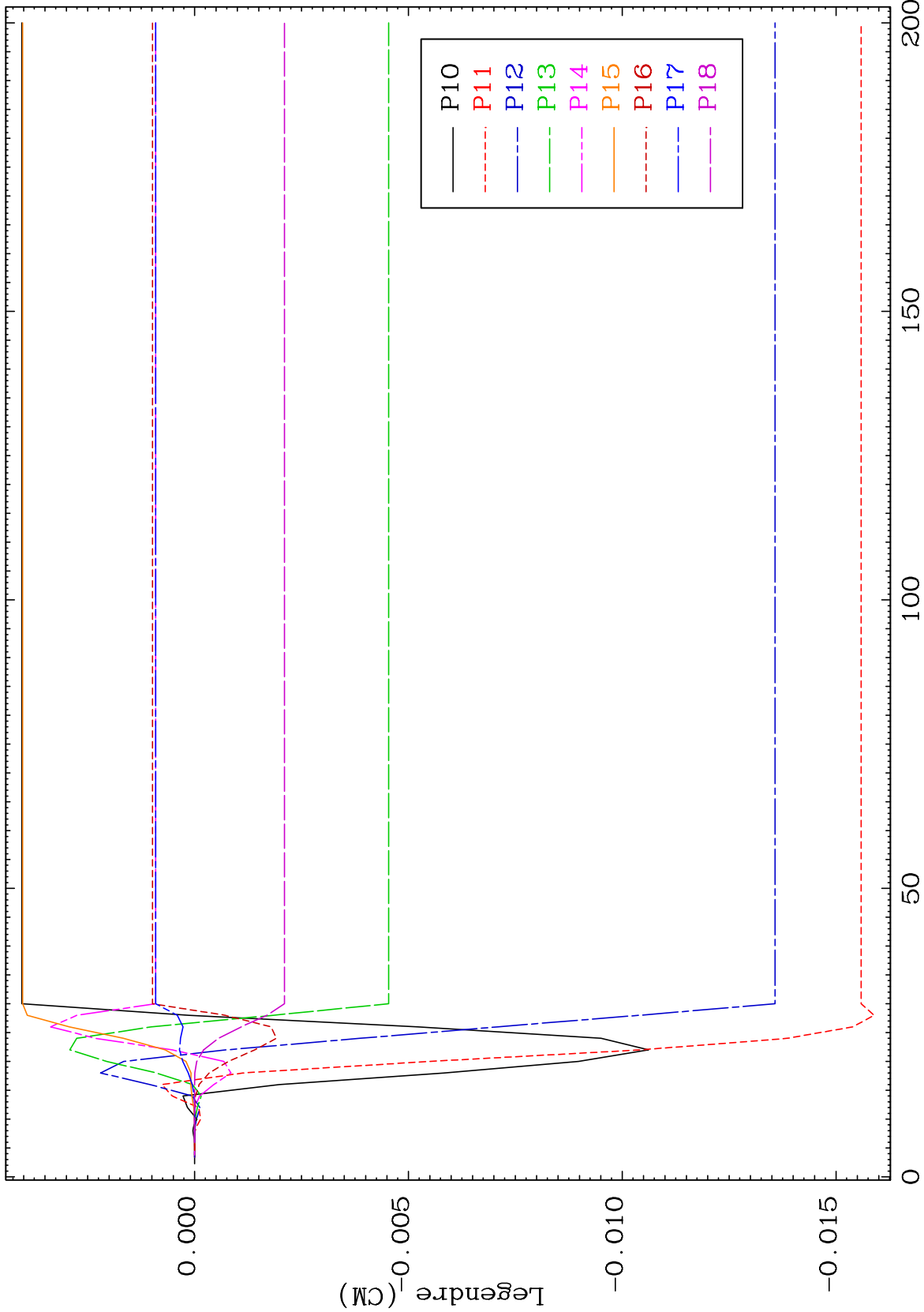
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



53

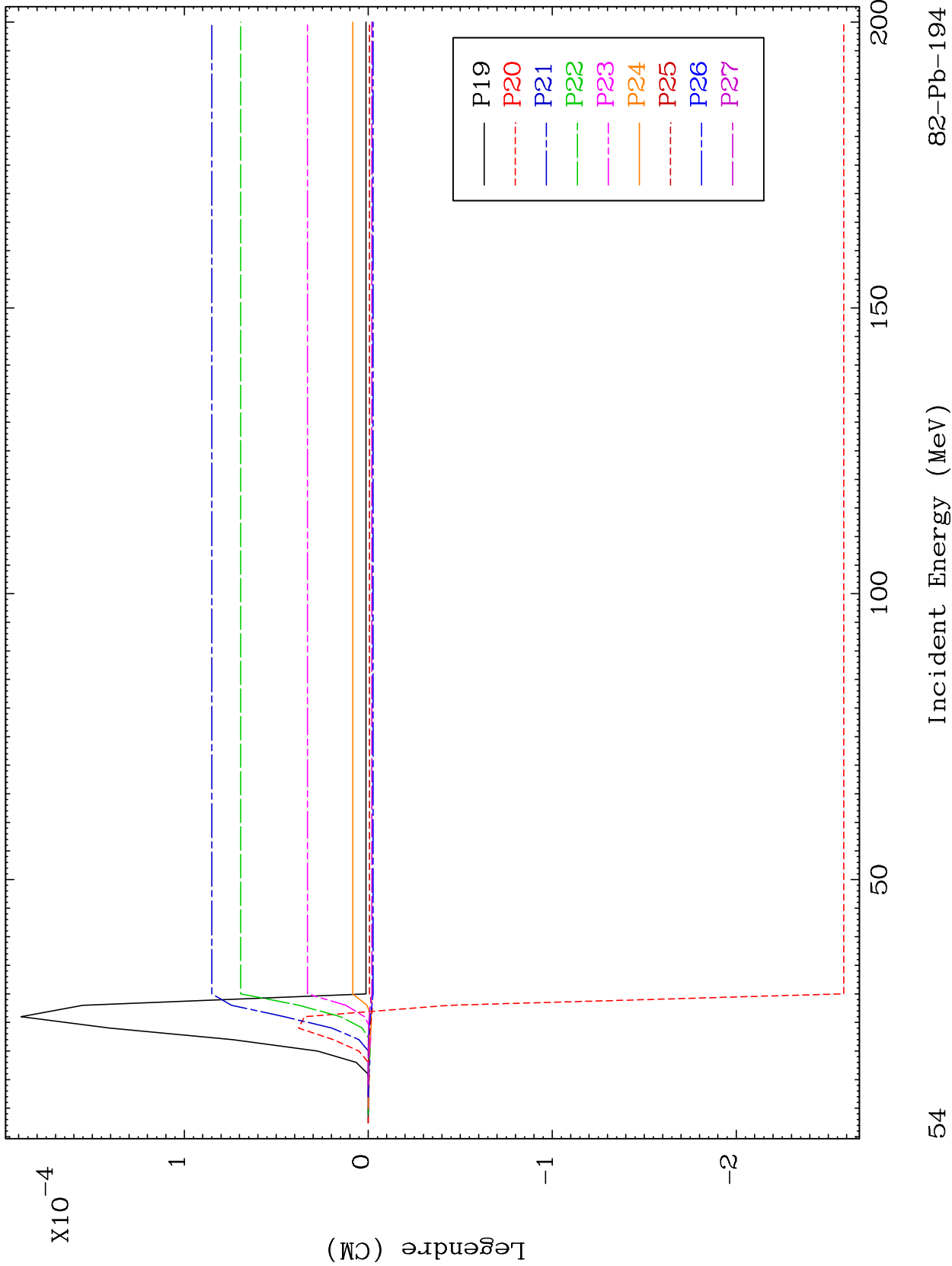
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

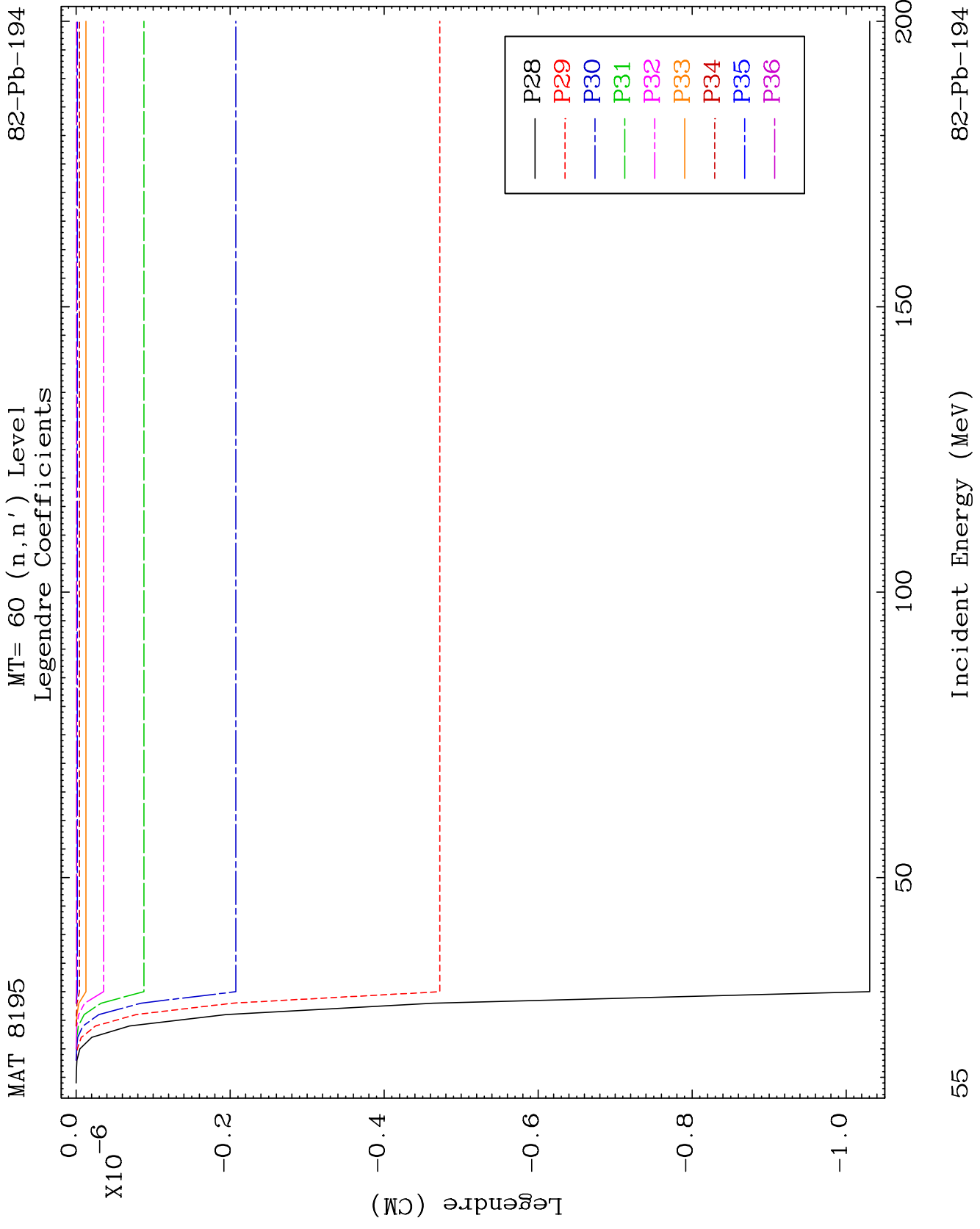
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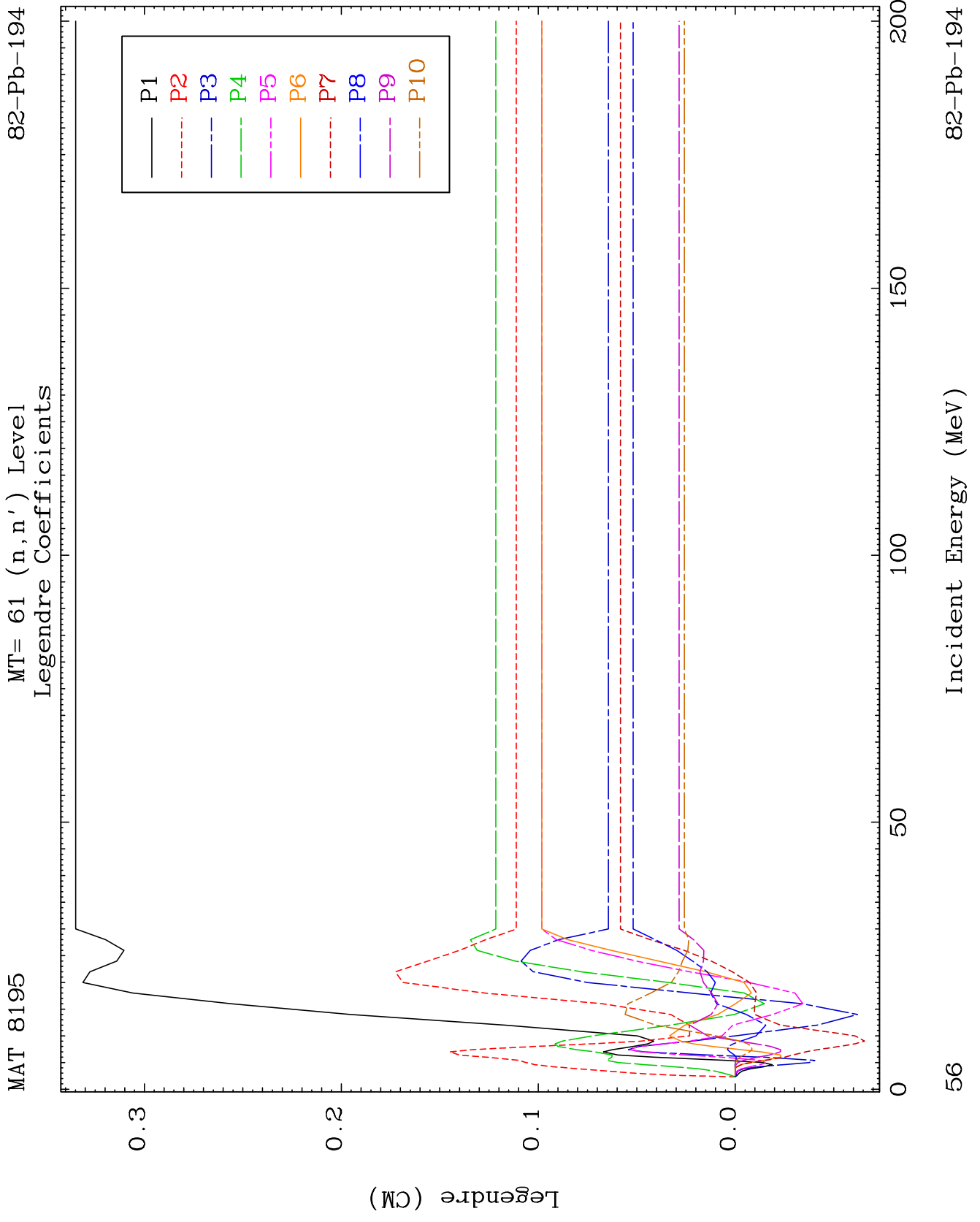


54

Incident Energy (MeV)

82-Pb-194

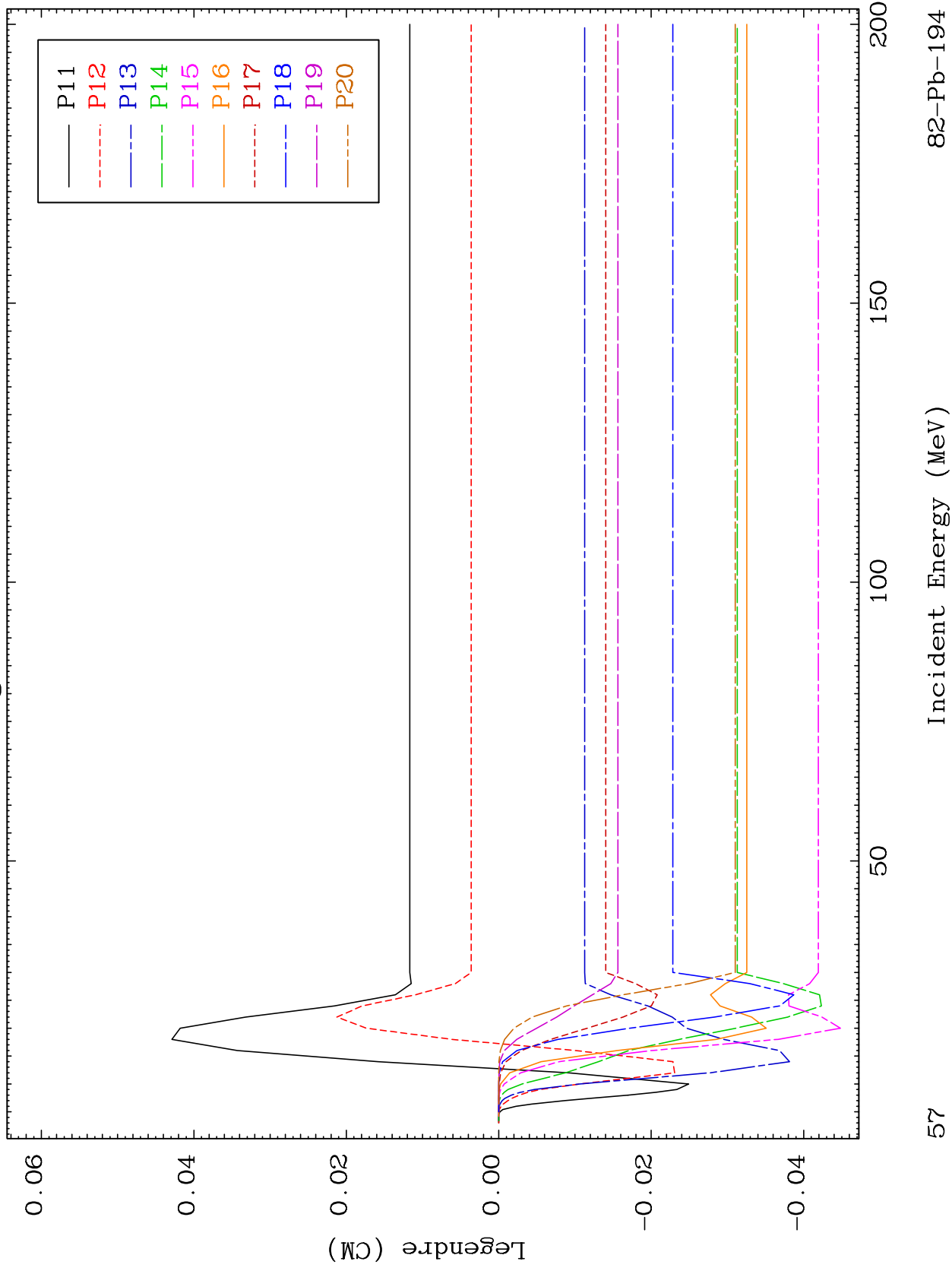




MAT 8195

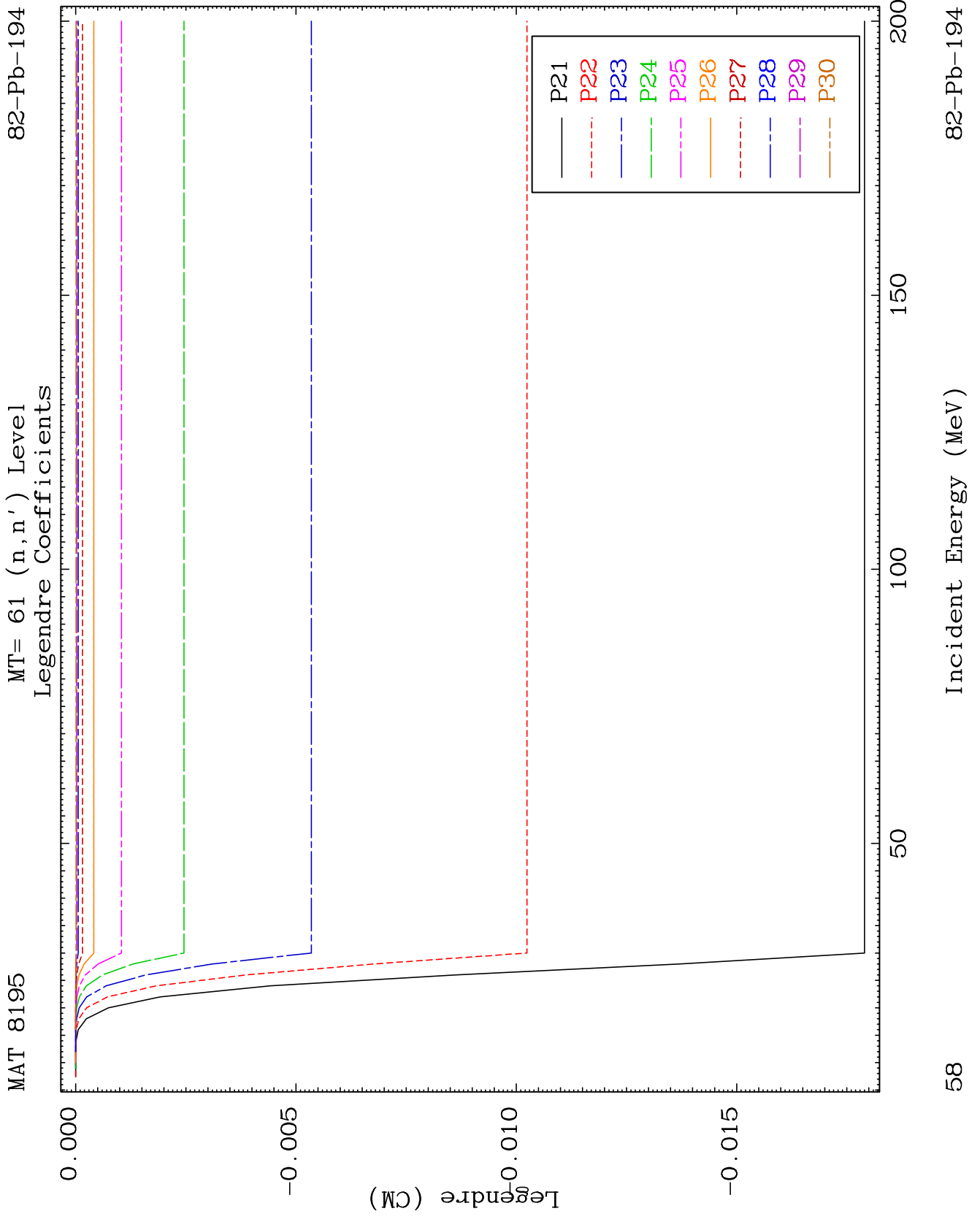
MT= 61 (n,n') Level
Legendre Coefficients

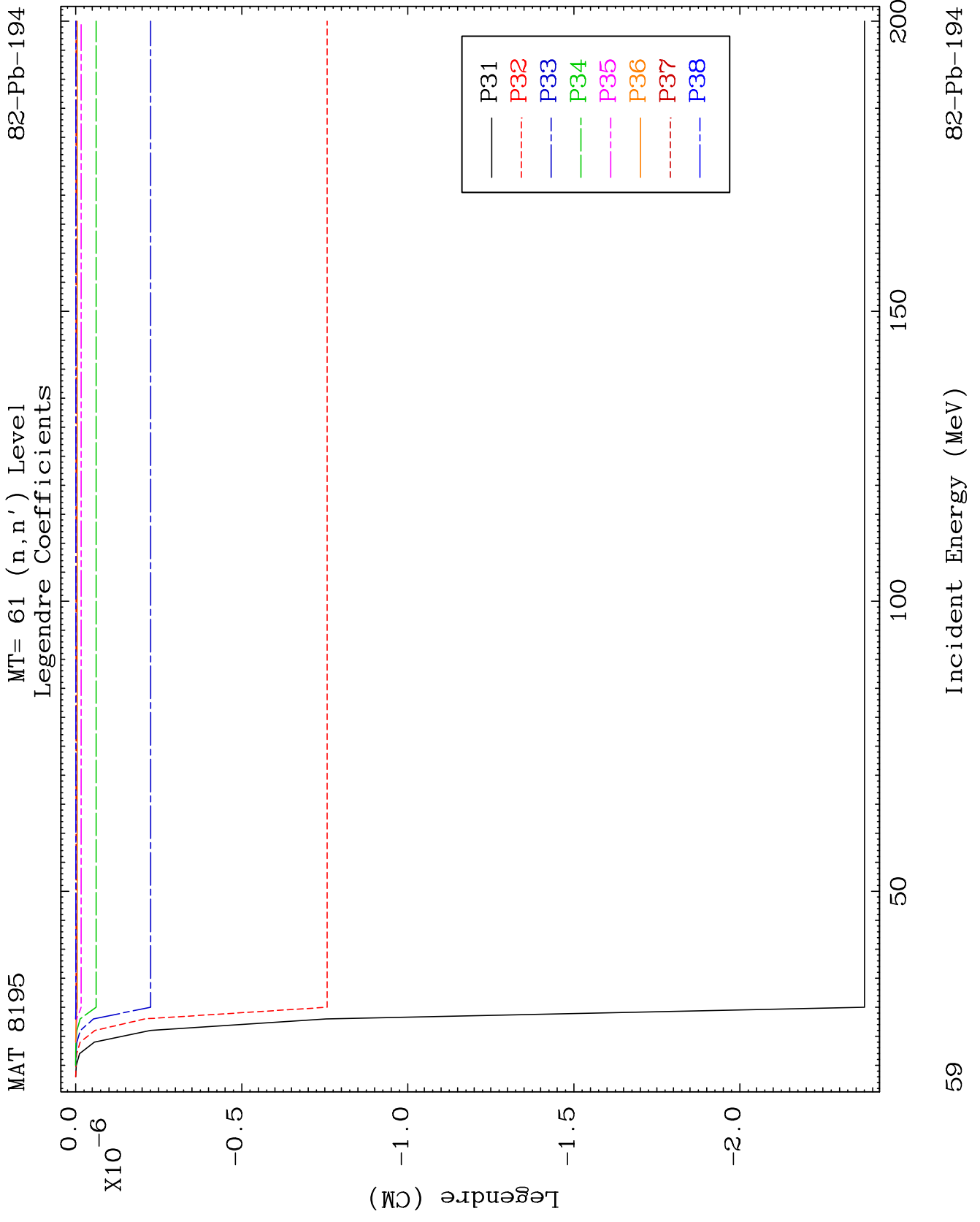
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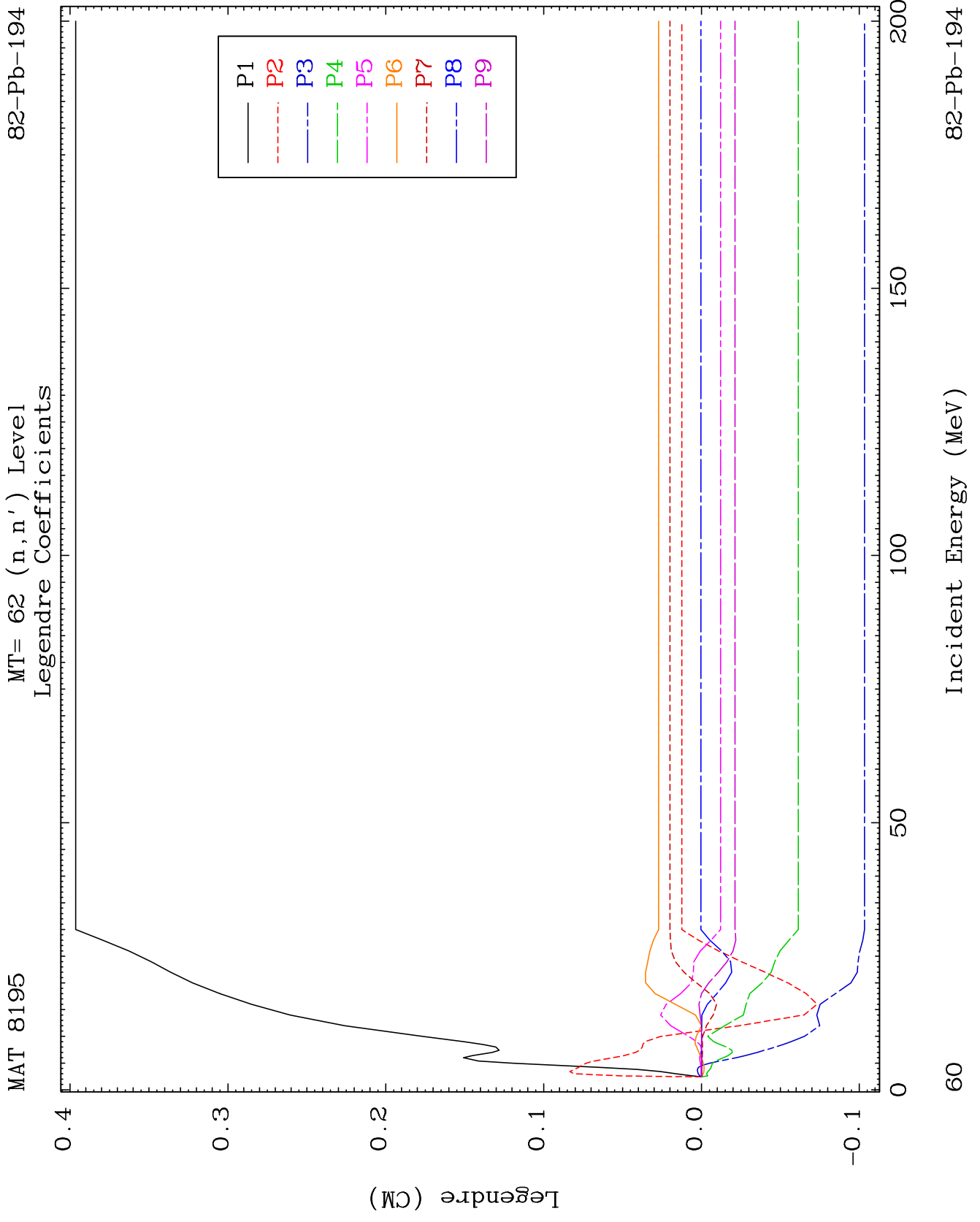


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82-Pb-194



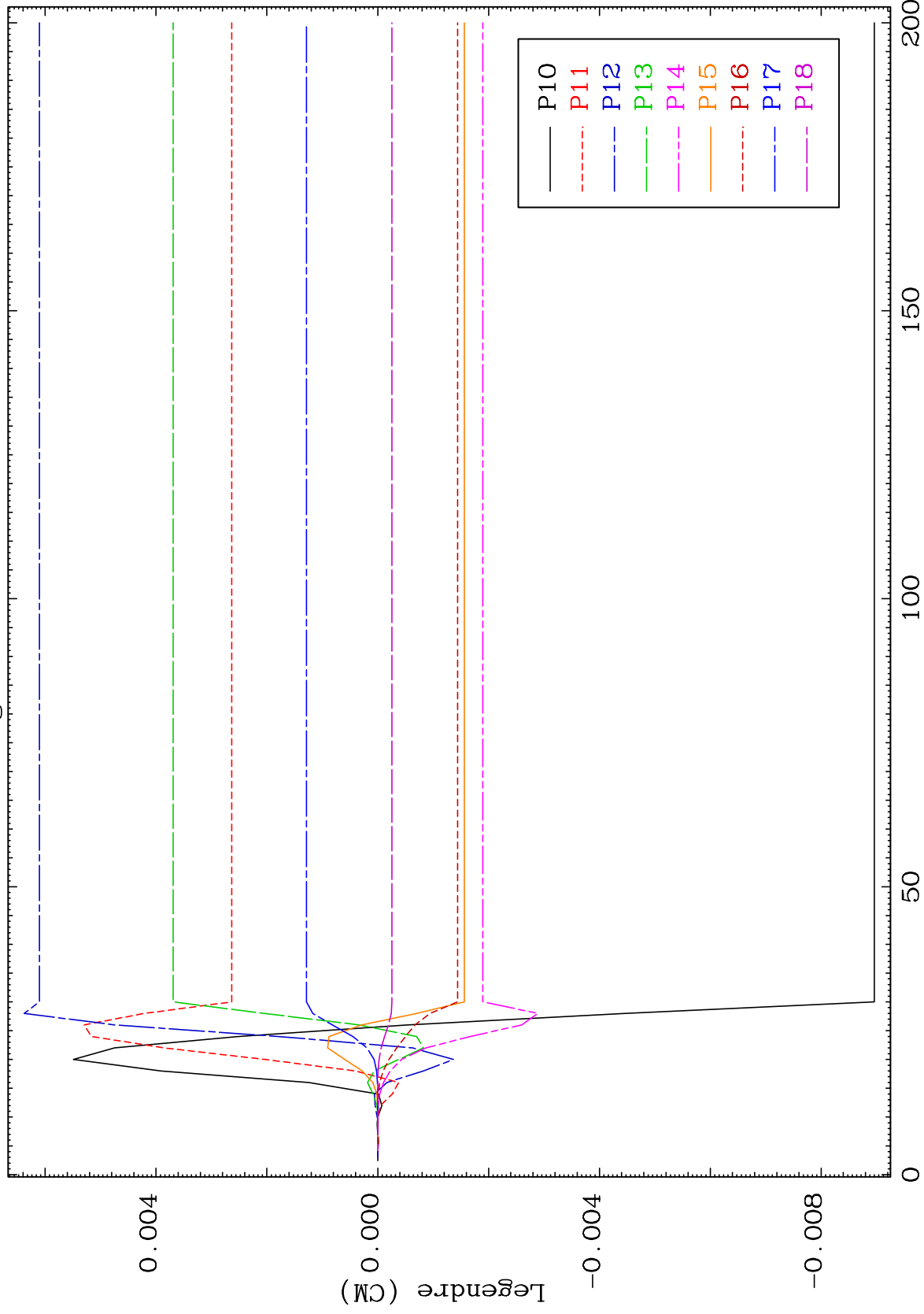




MAT 8195

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

82-Pb-194



61

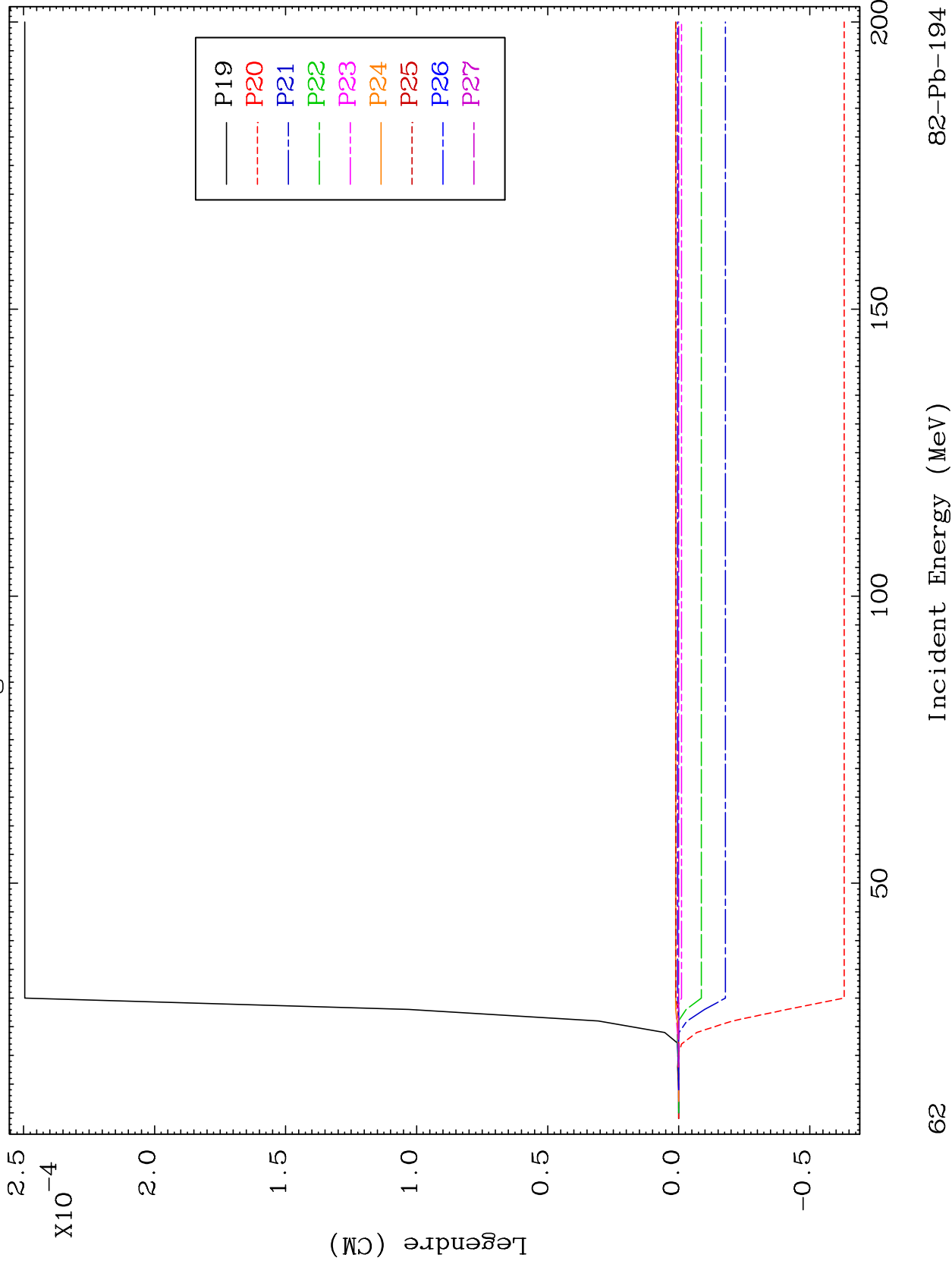
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



62

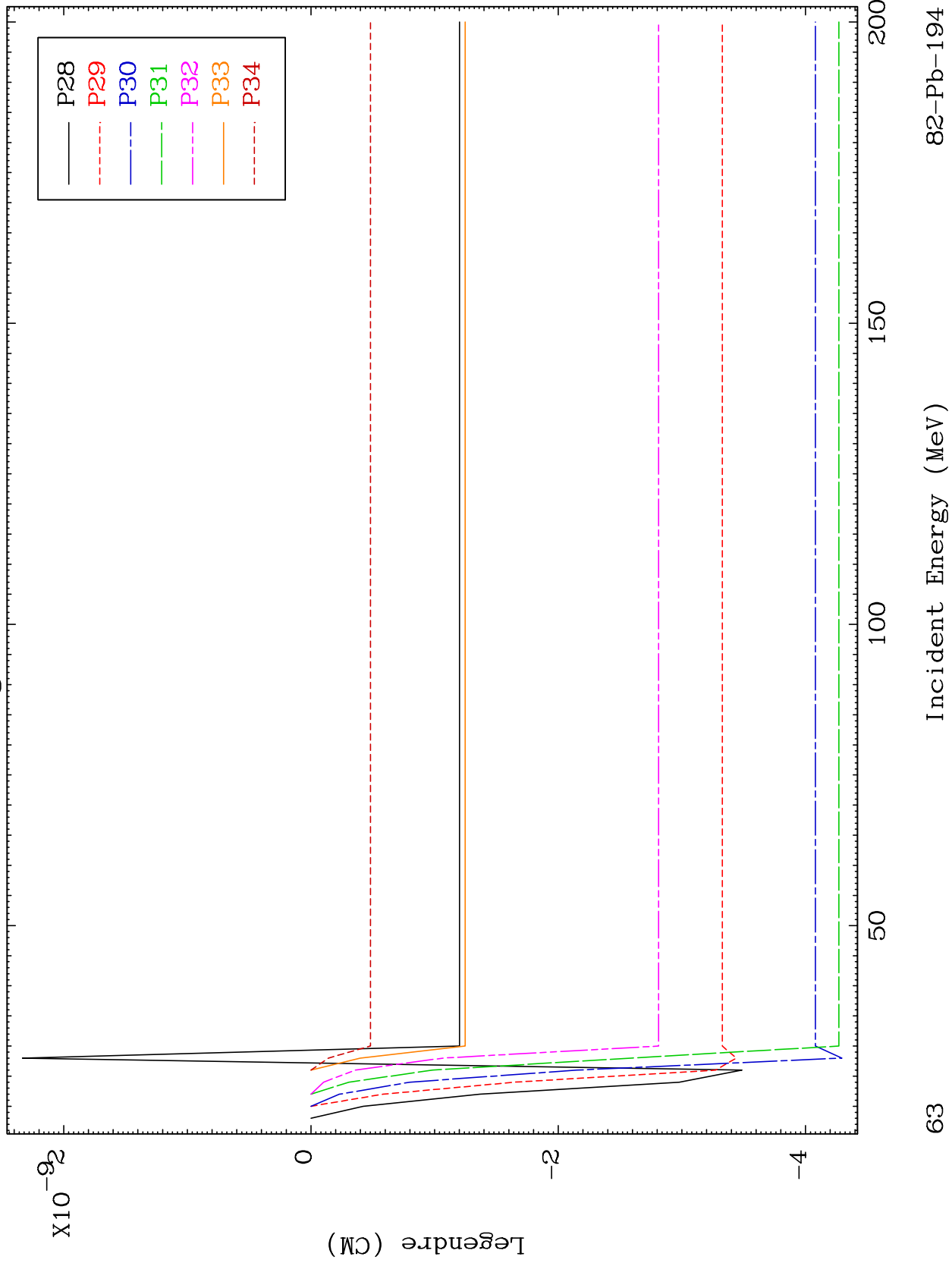
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



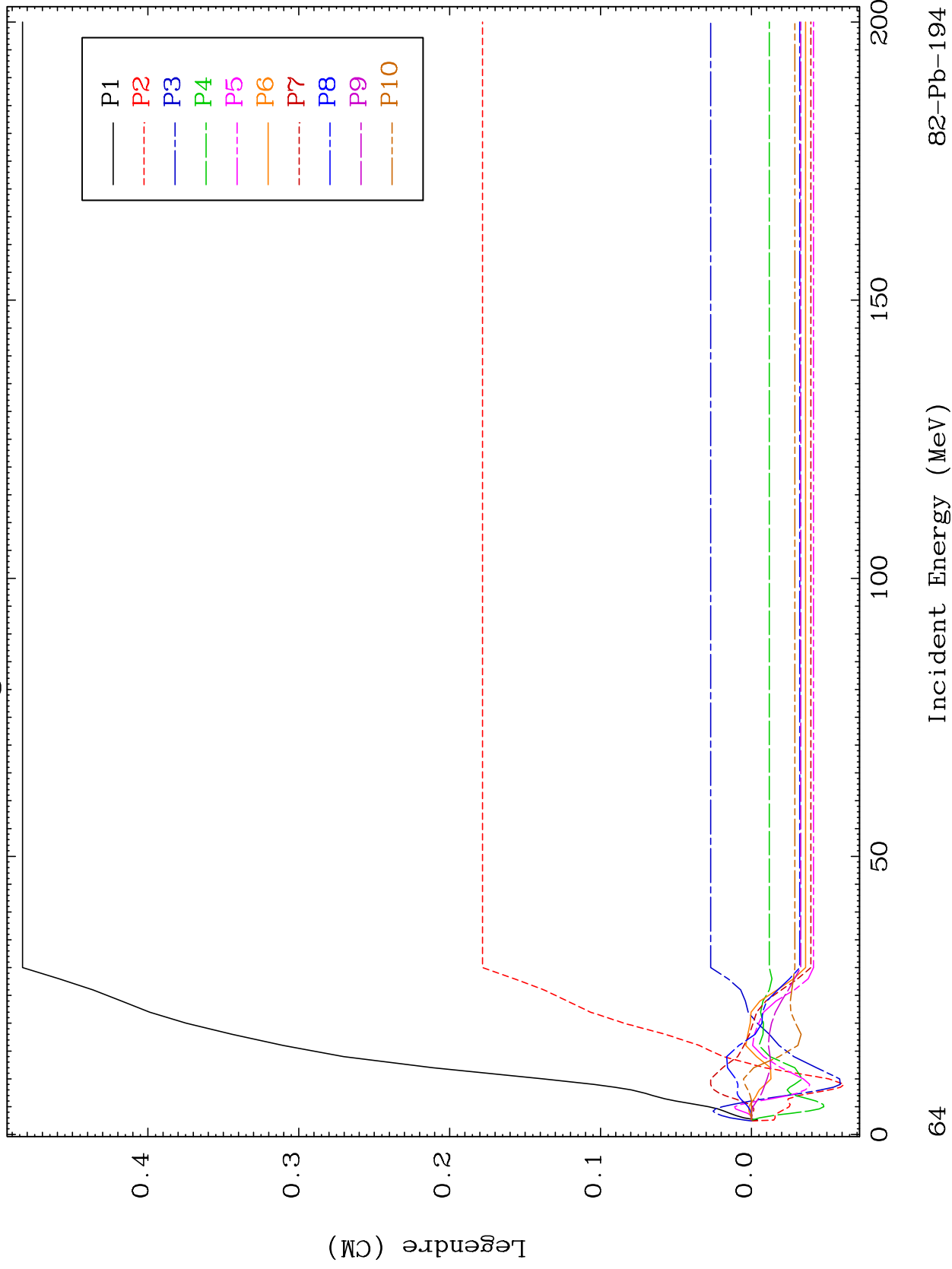
63

82-Pb-194

MAT 8195

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

82-Pb-194



64

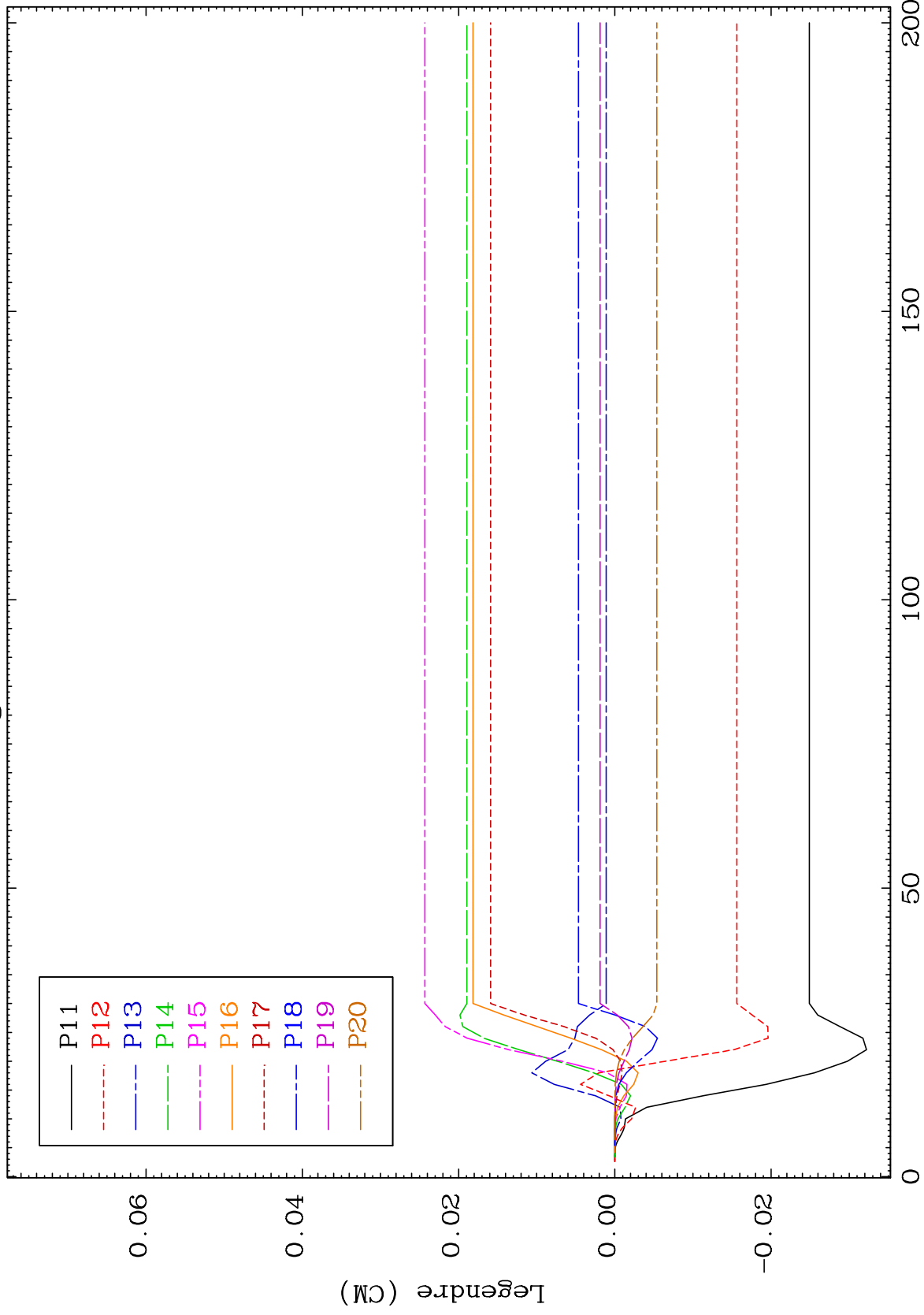
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

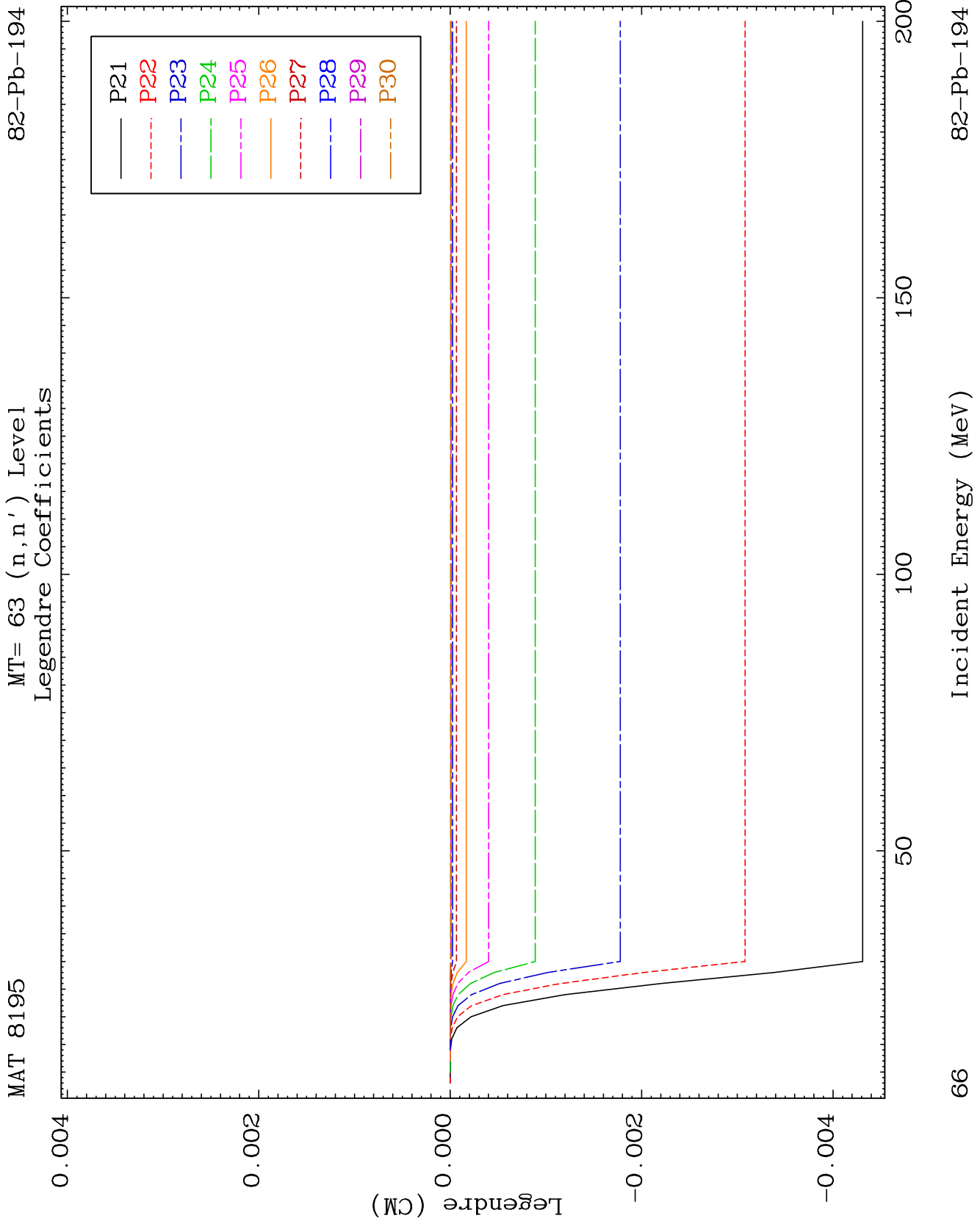
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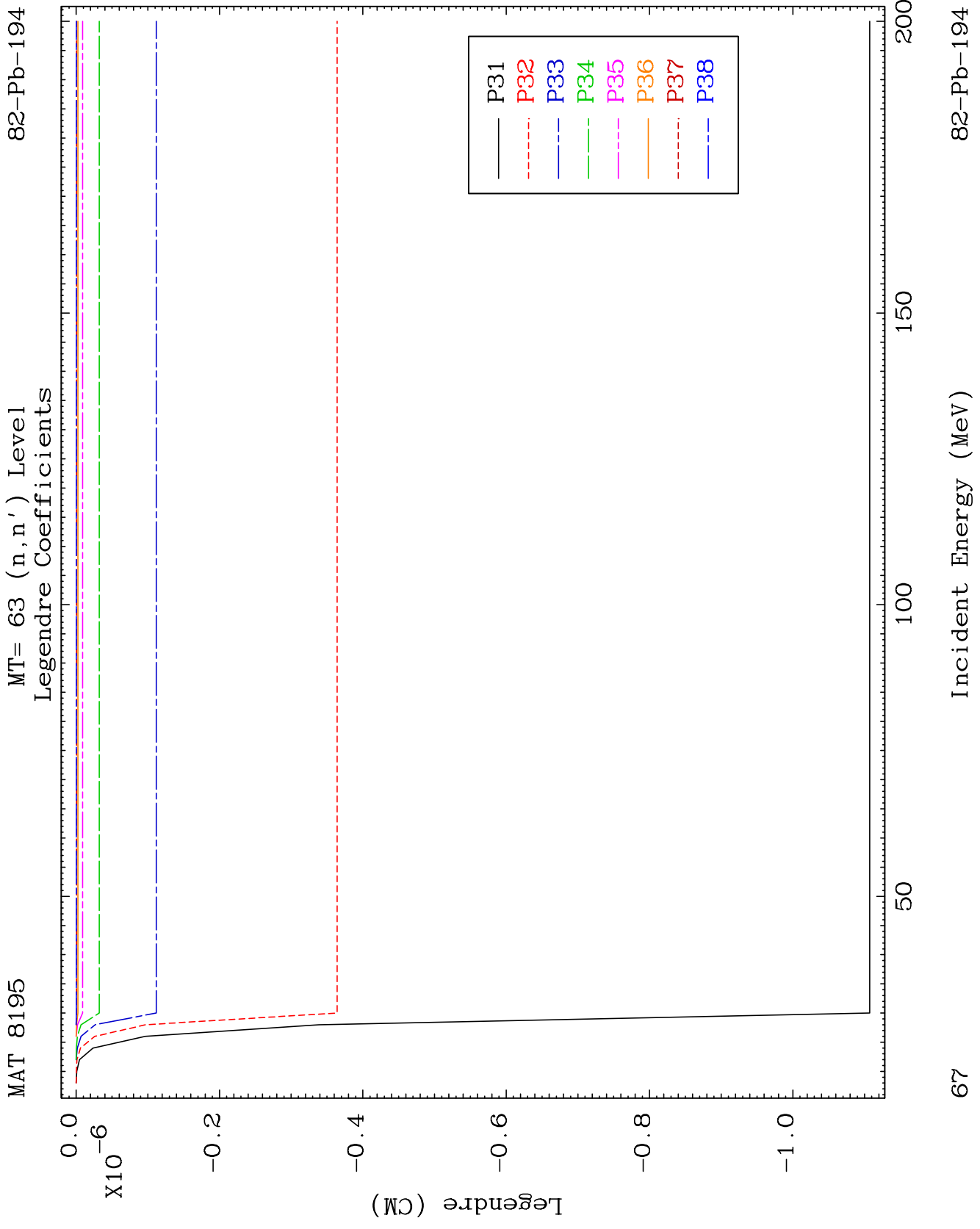


65

Incident Energy (MeV)

82-Pb-194

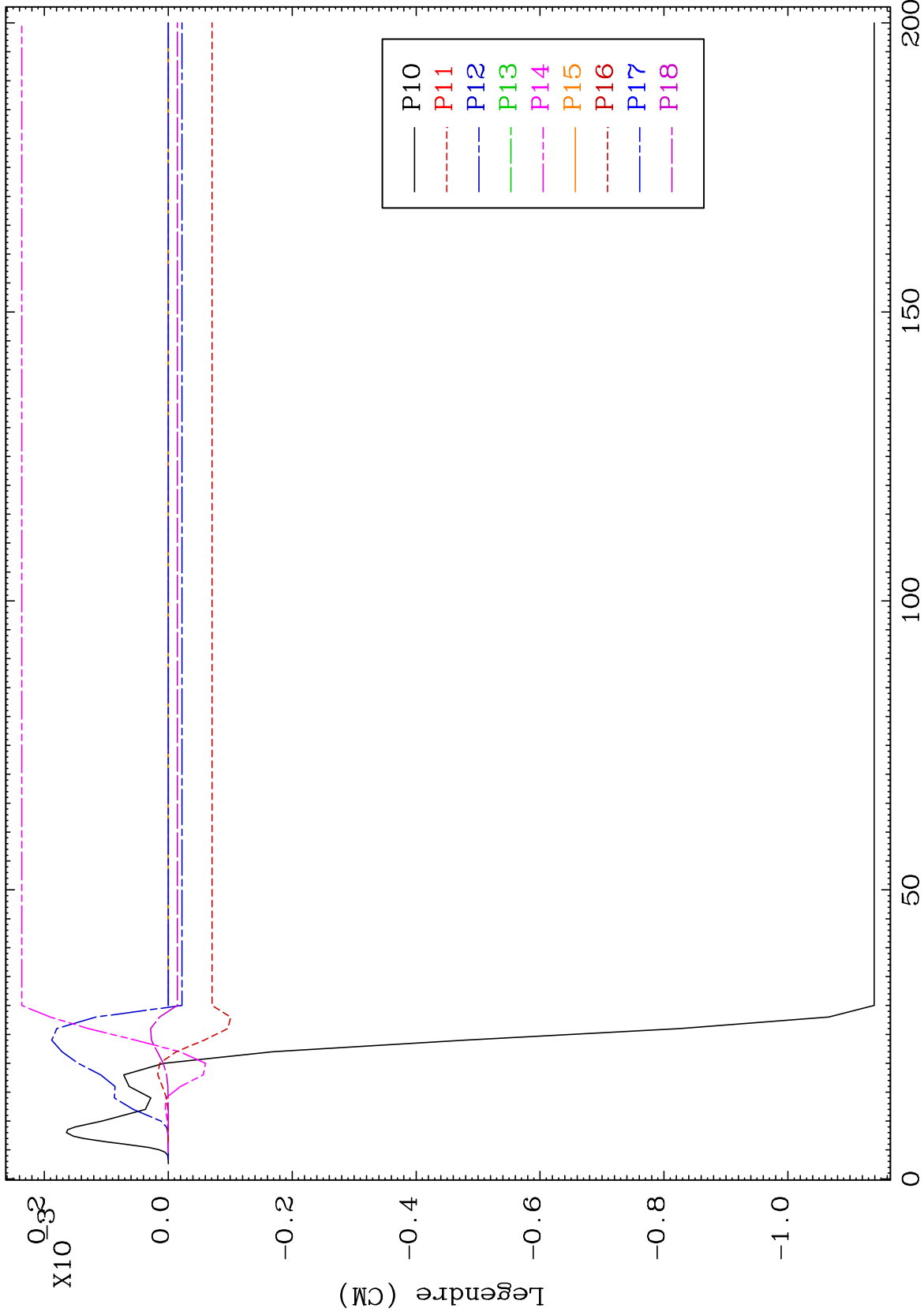




MAT 8195

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

82-Pb-194



69

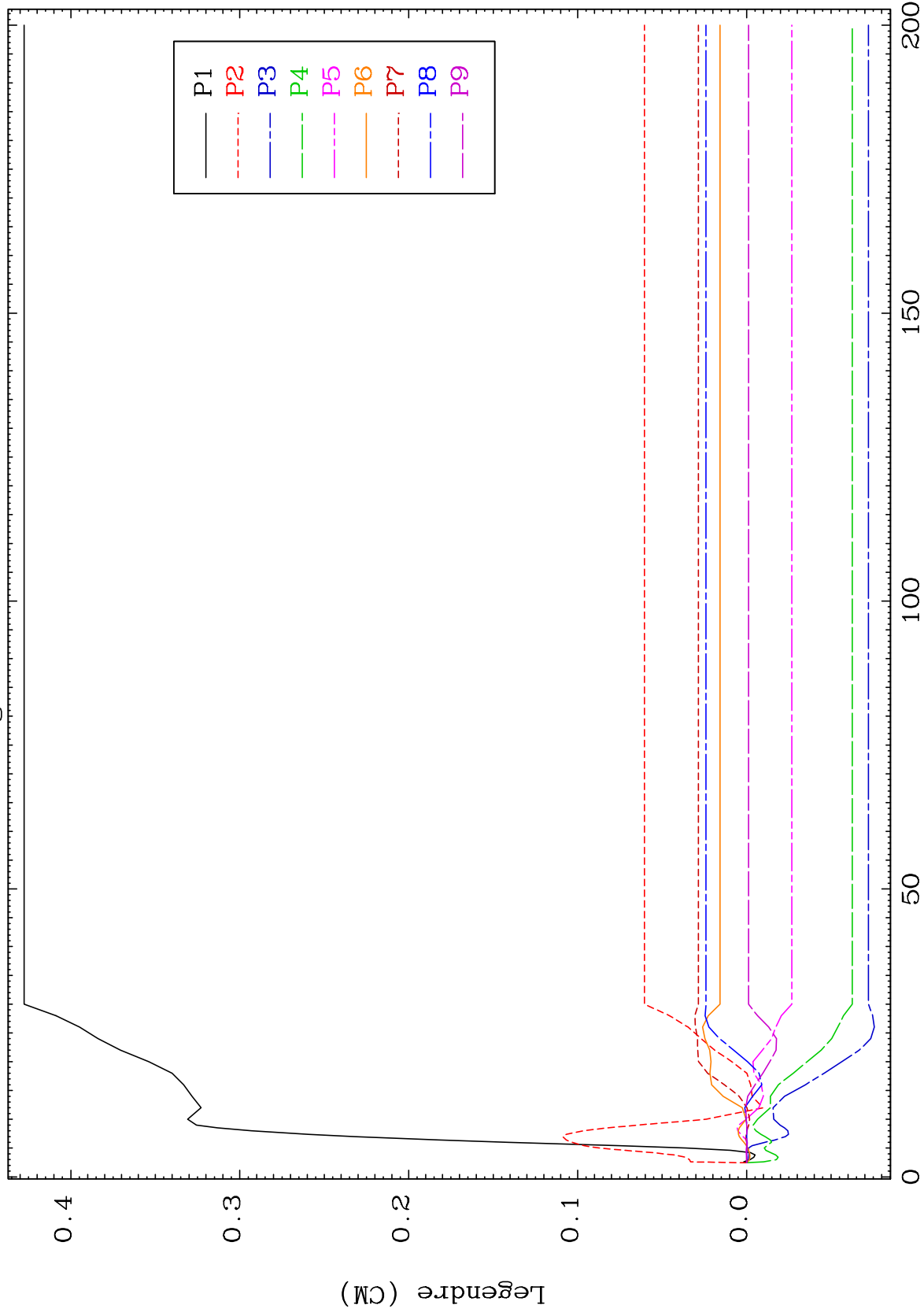
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



71

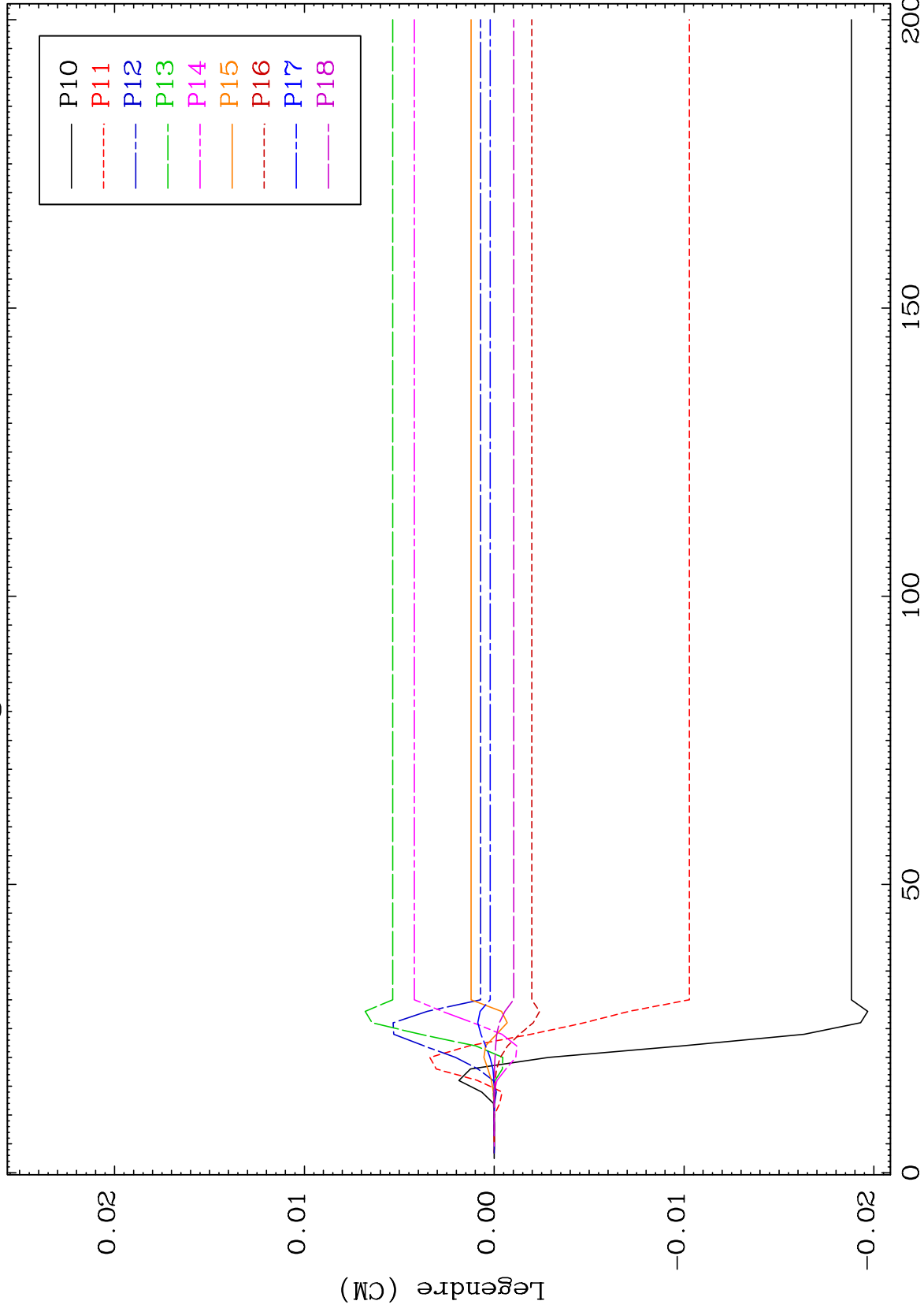
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



72

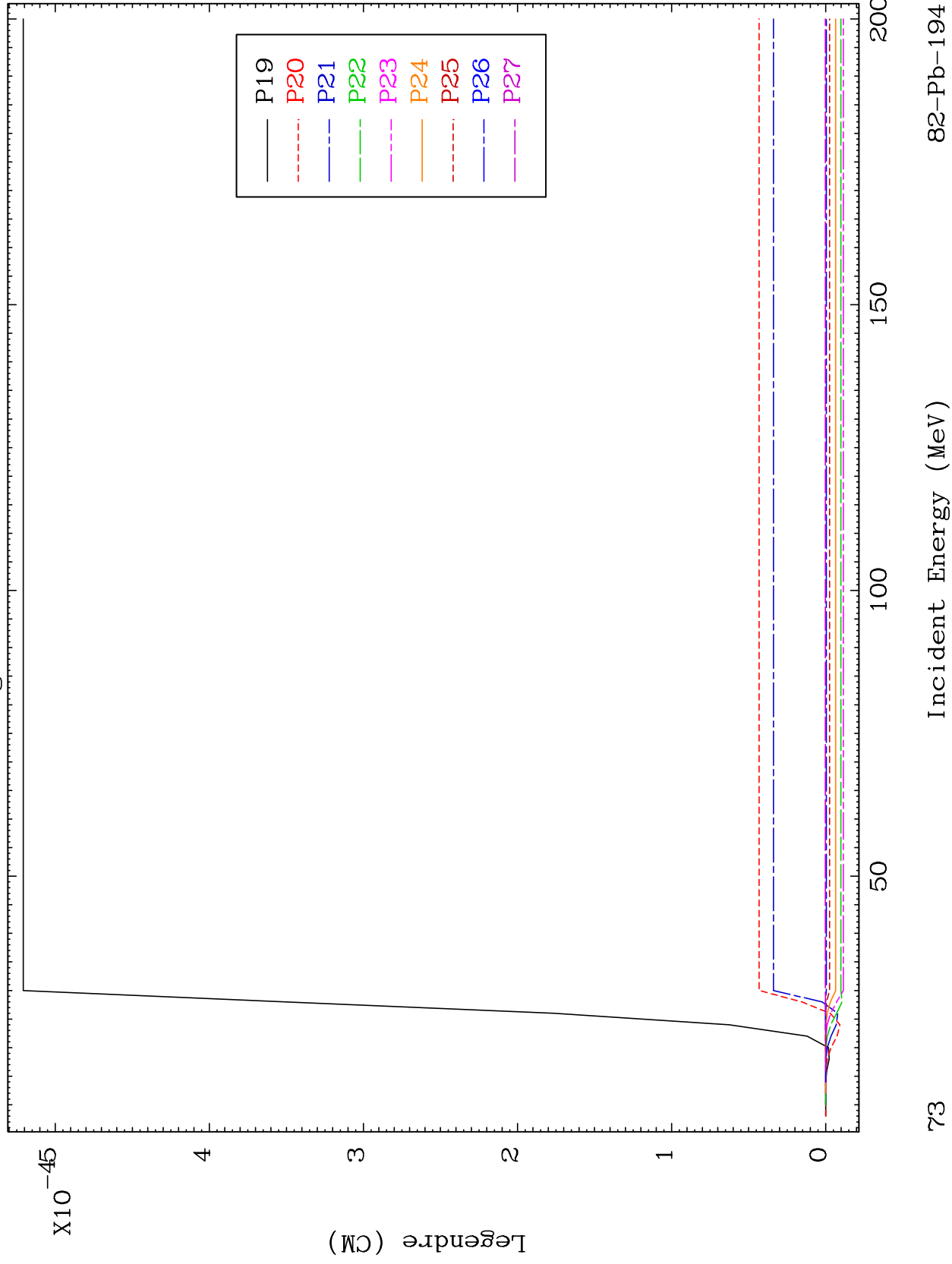
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



73

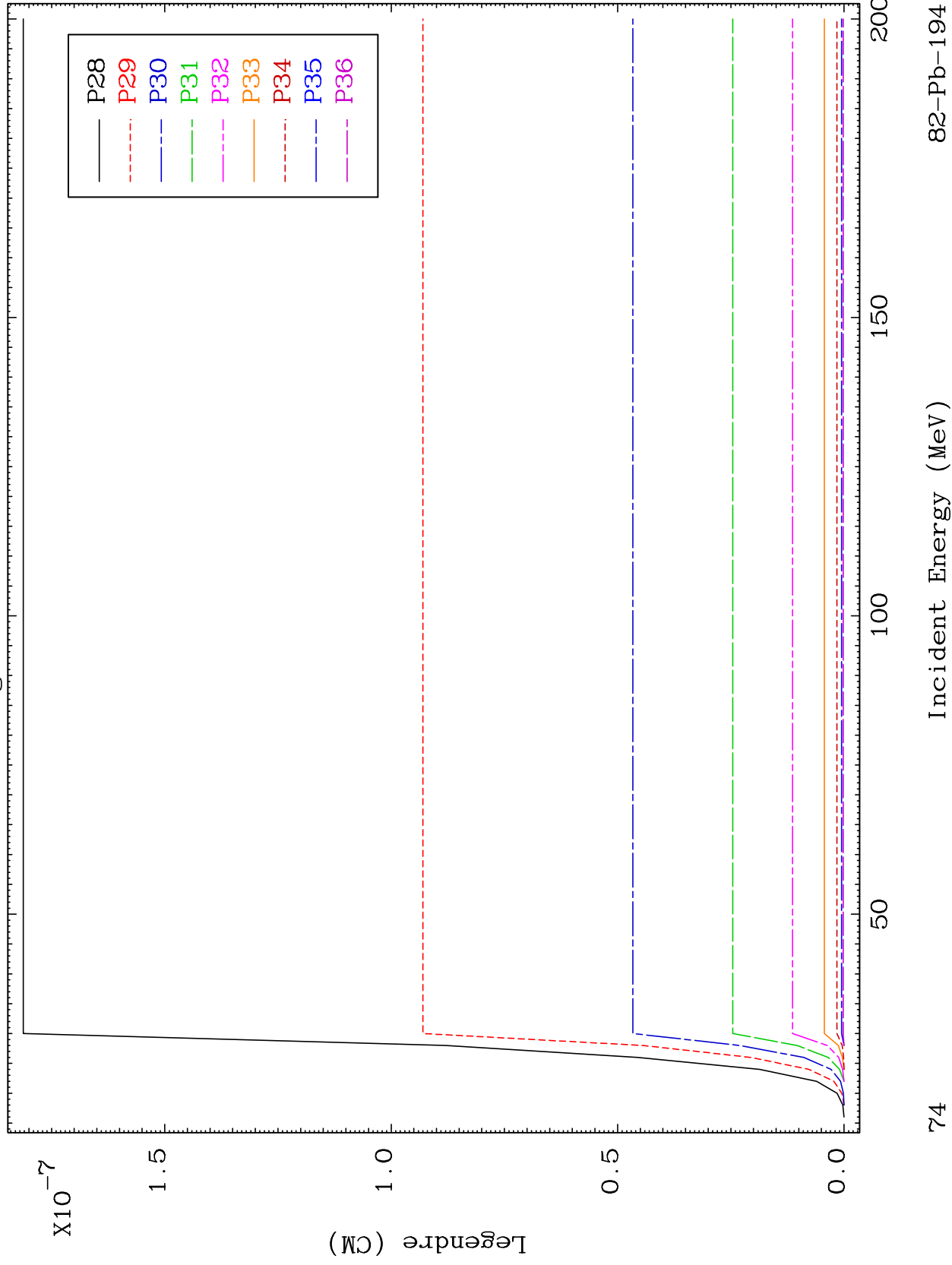
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



74

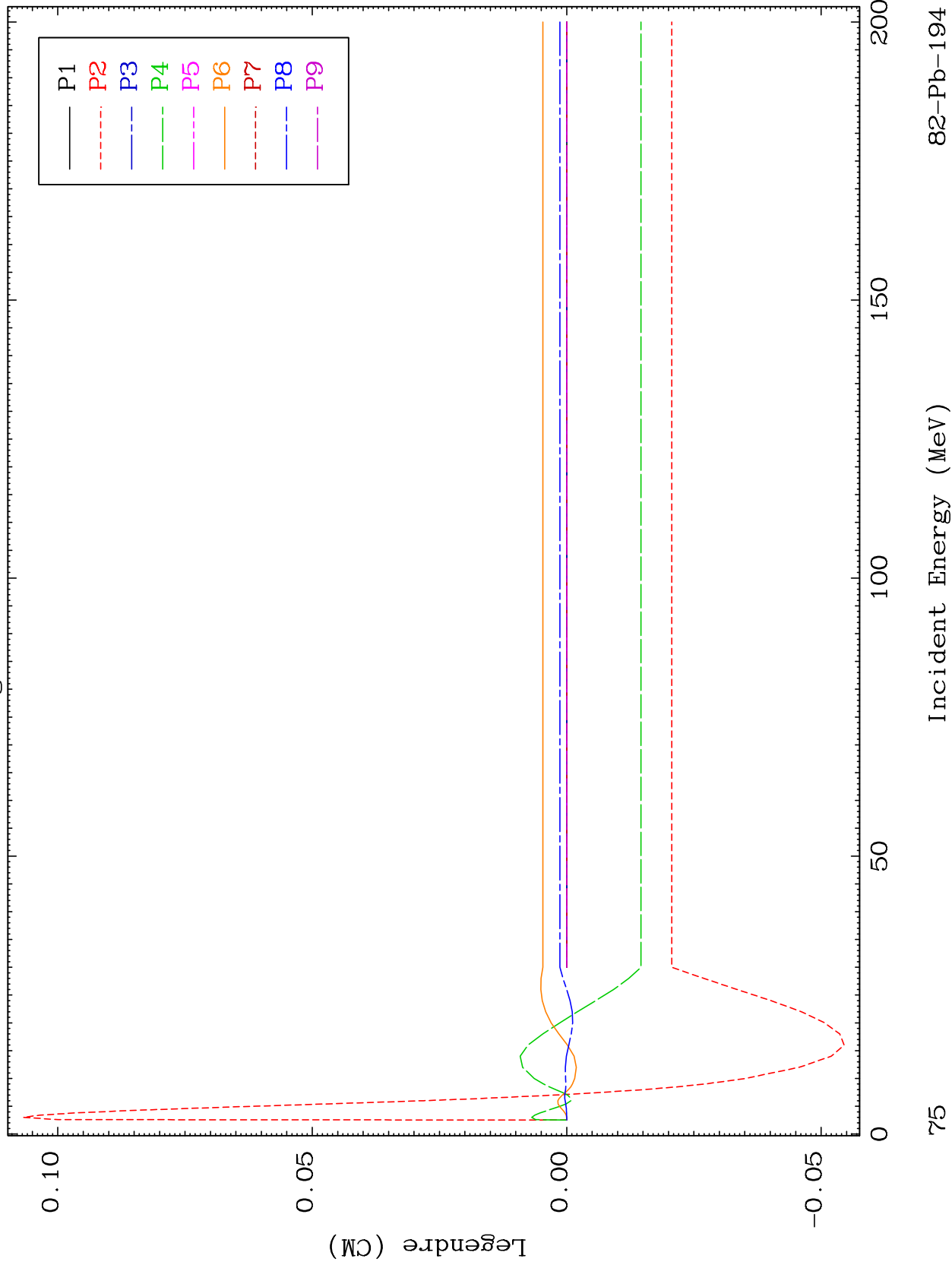
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



82-Pb-194

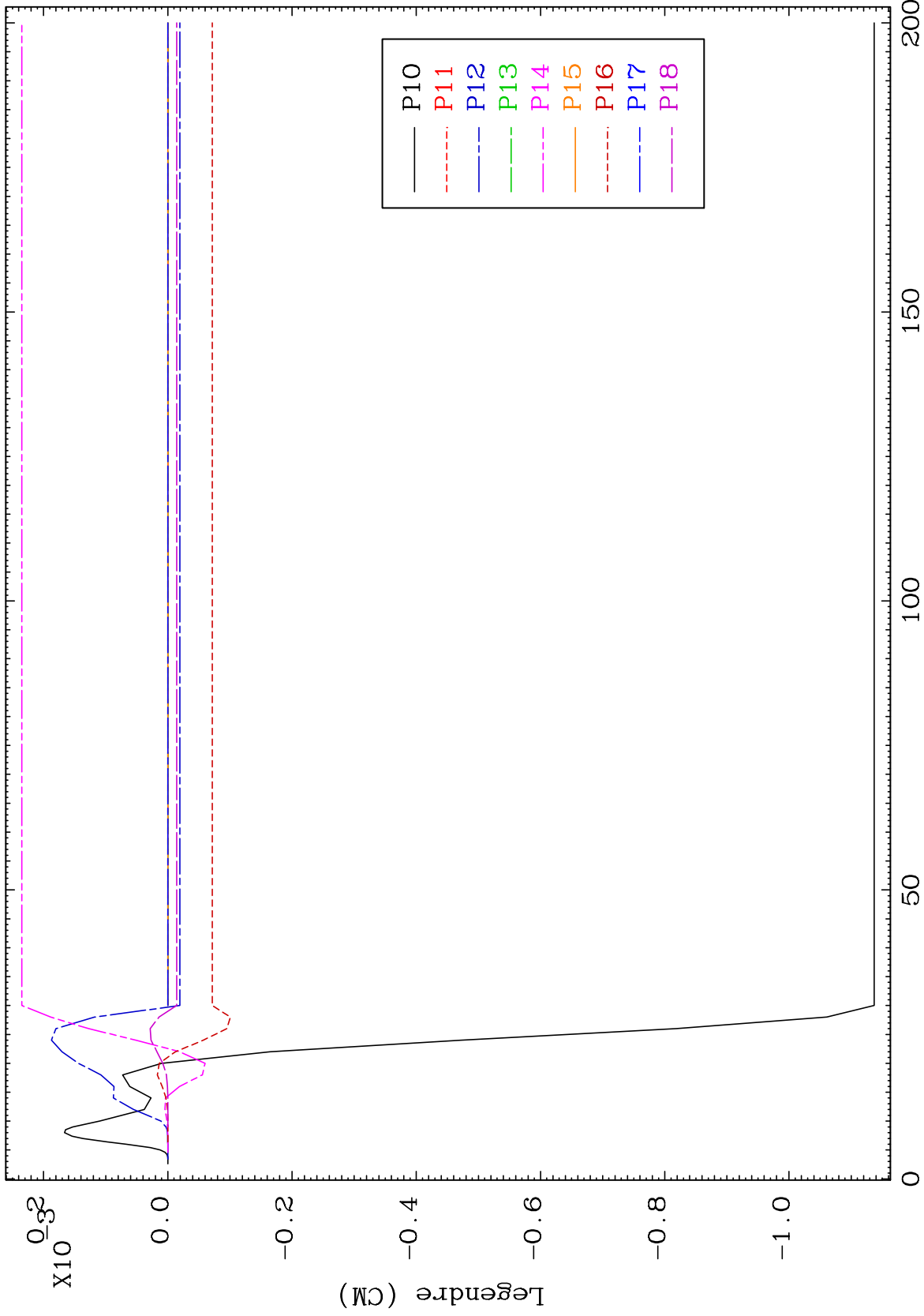
Incident Energy (MeV)

75

MAT 8195

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

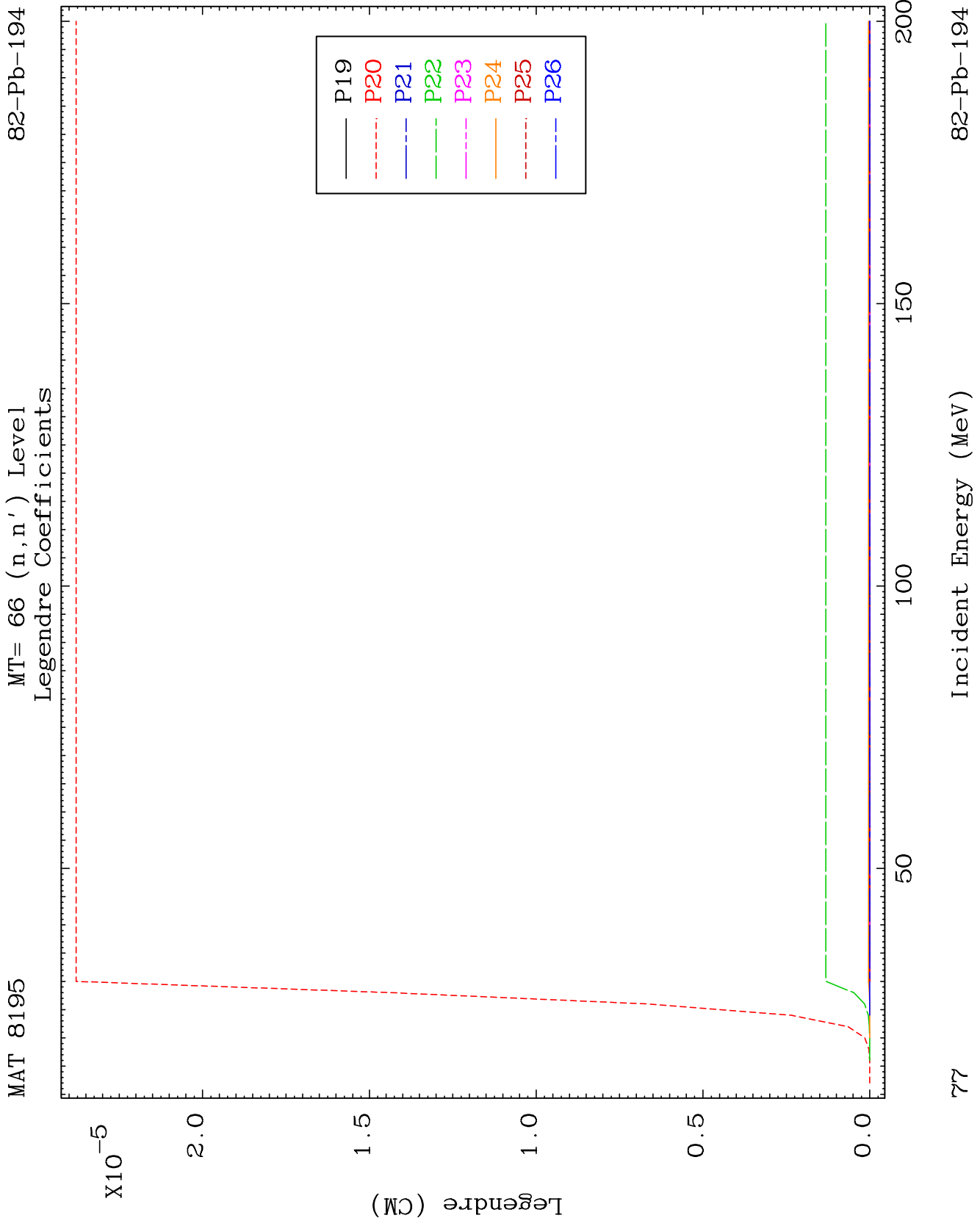
82-Pb-194

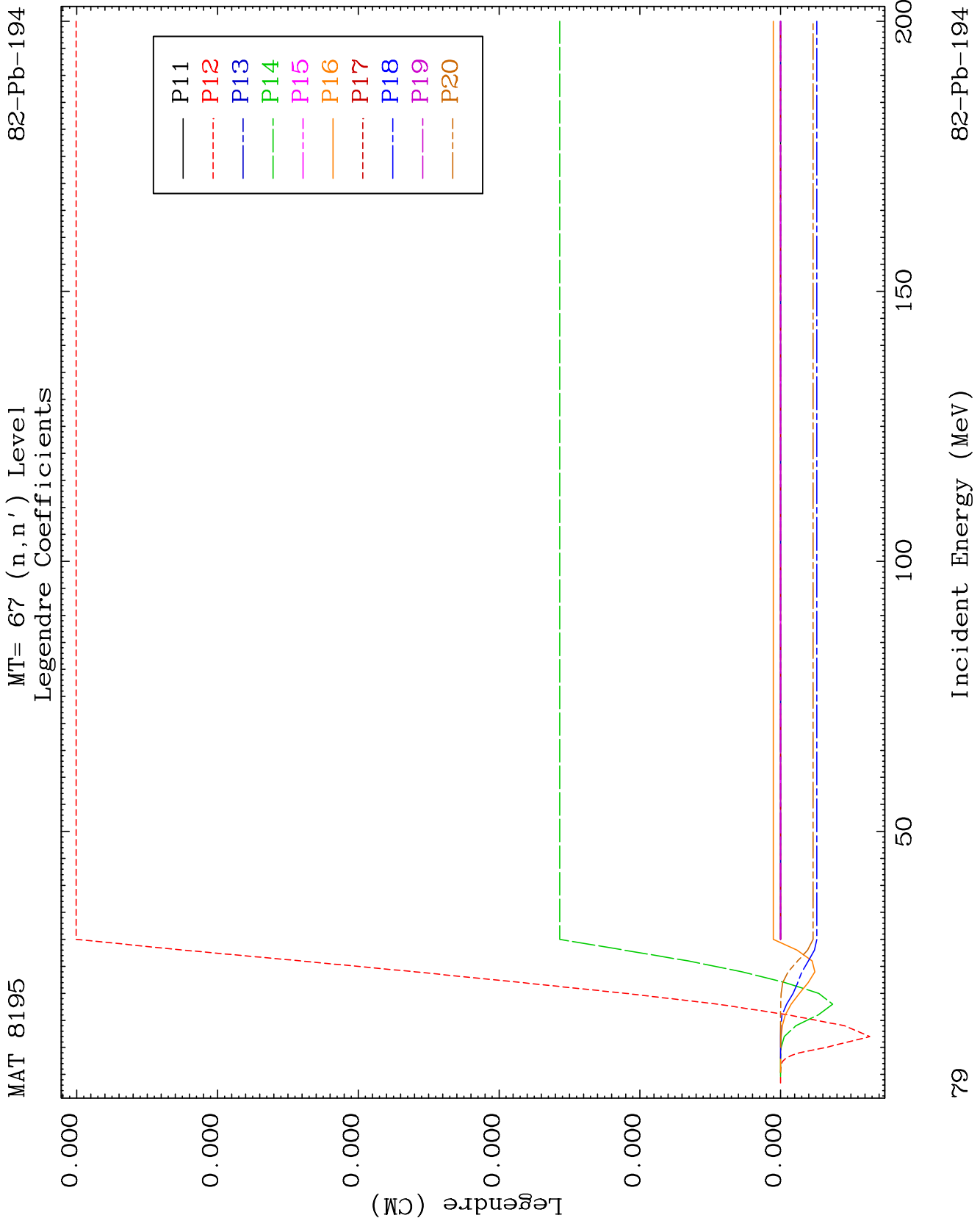


76

Incident Energy (MeV)

82-Pb-194

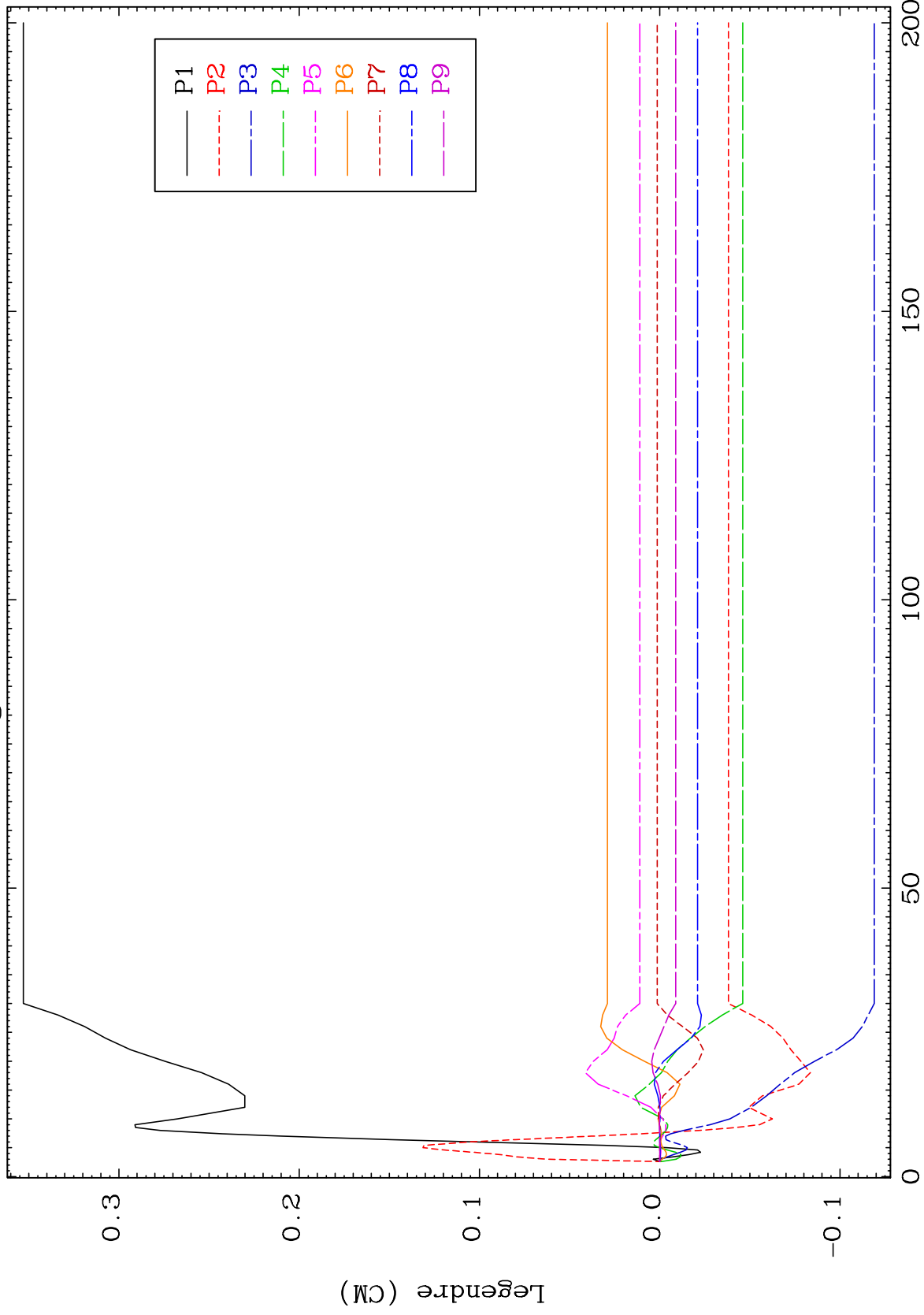




MAT 8195

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

82-Pb-194



81

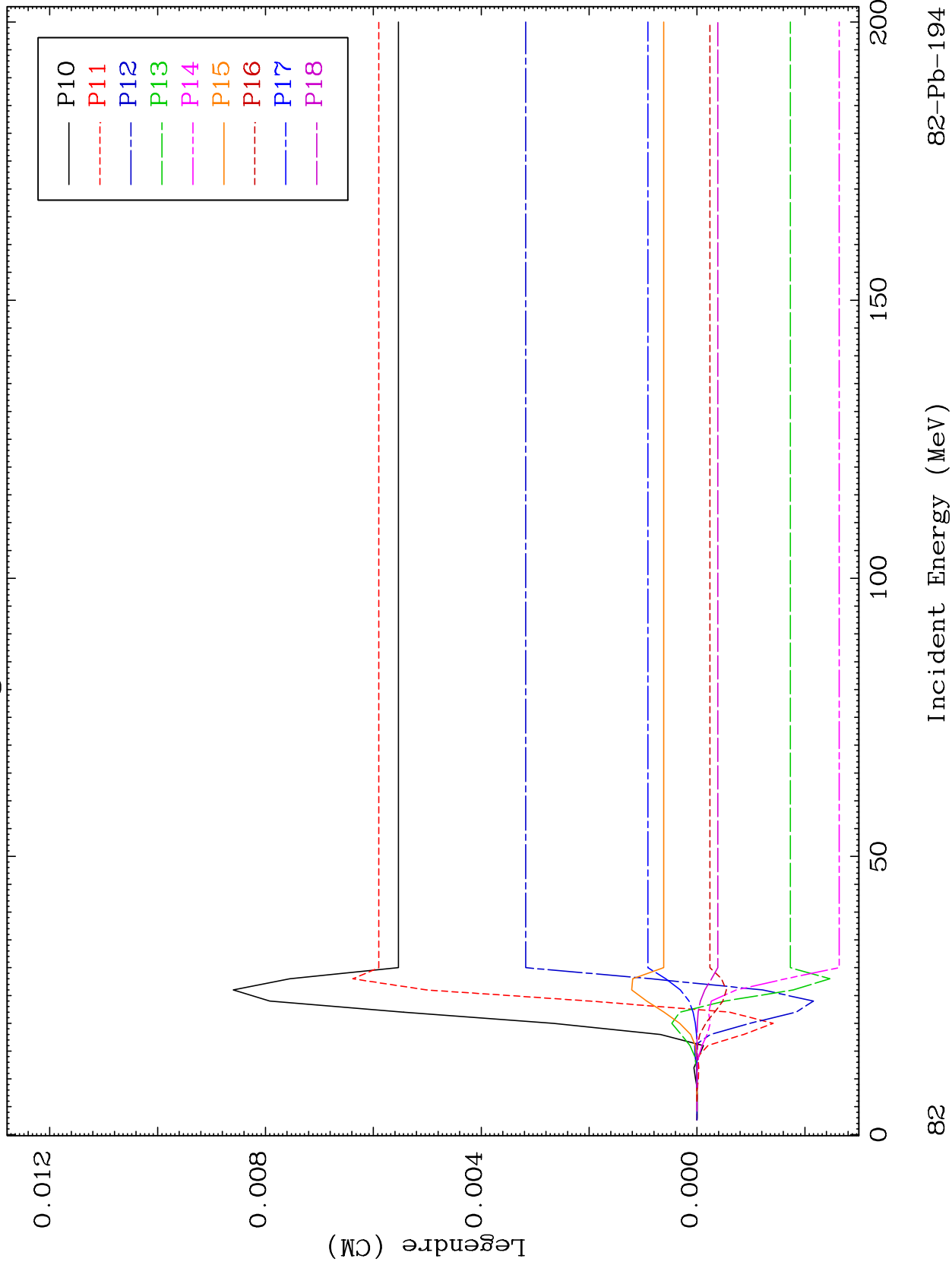
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



82

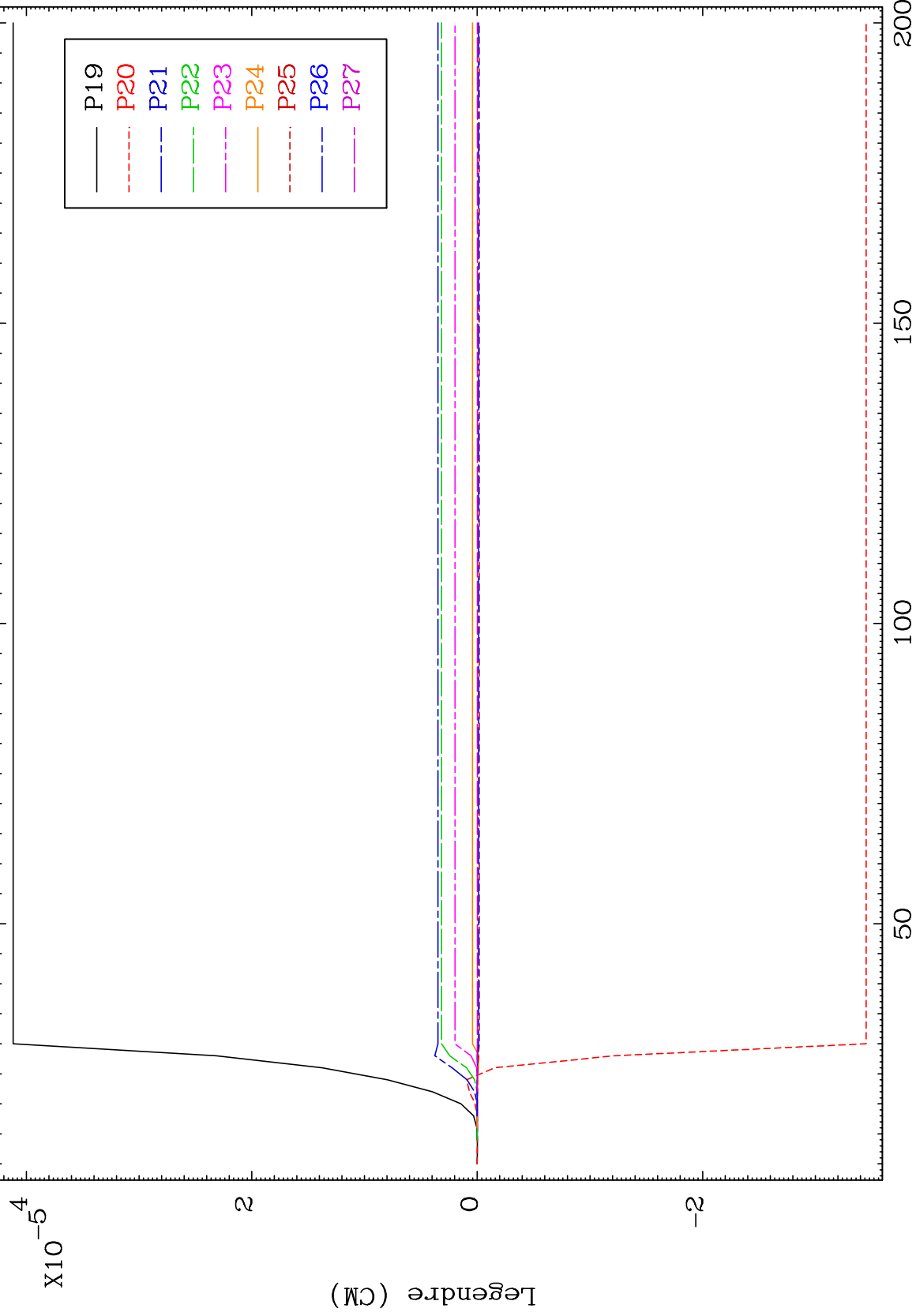
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

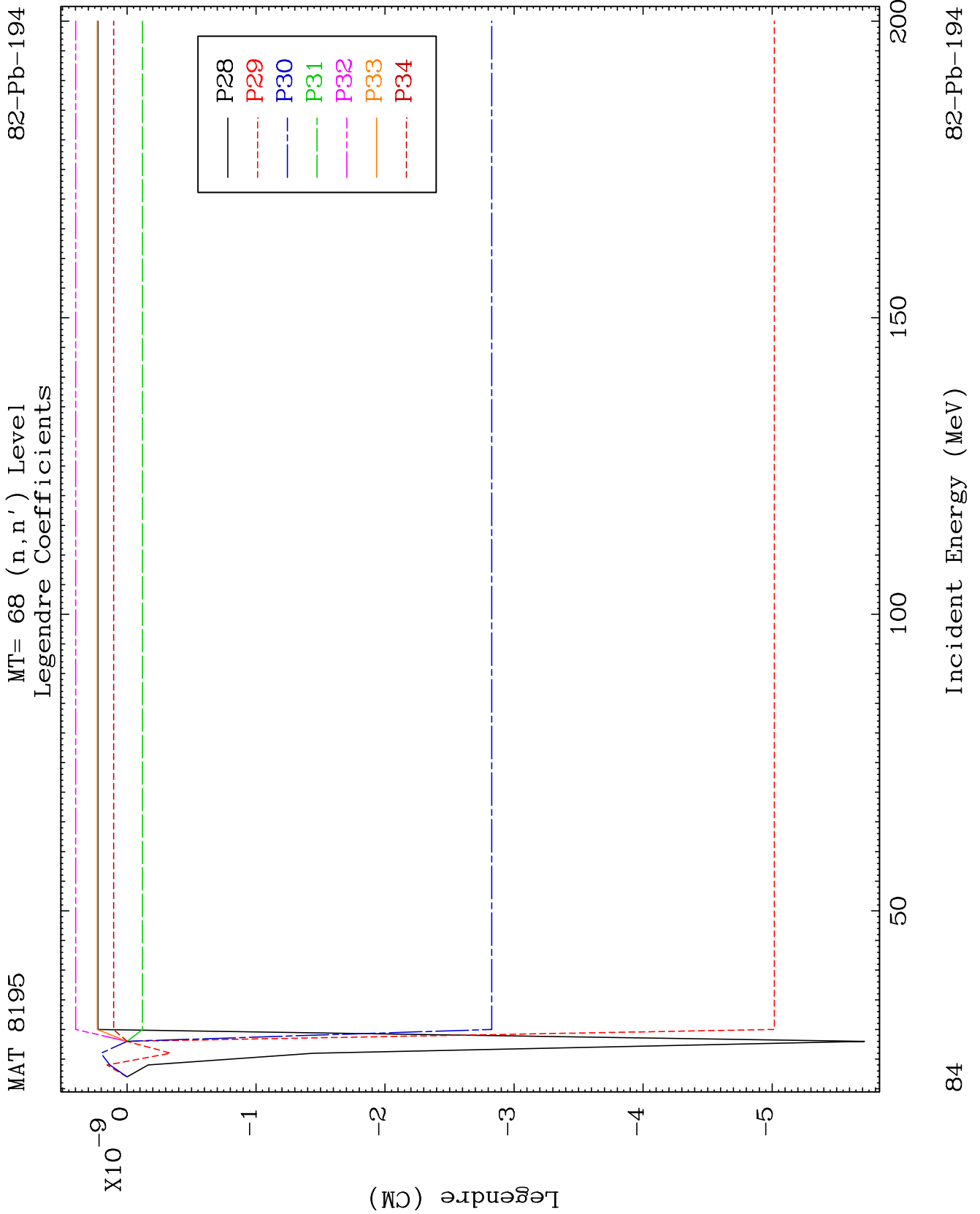
82-Pb-194



83

Incident Energy (MeV)

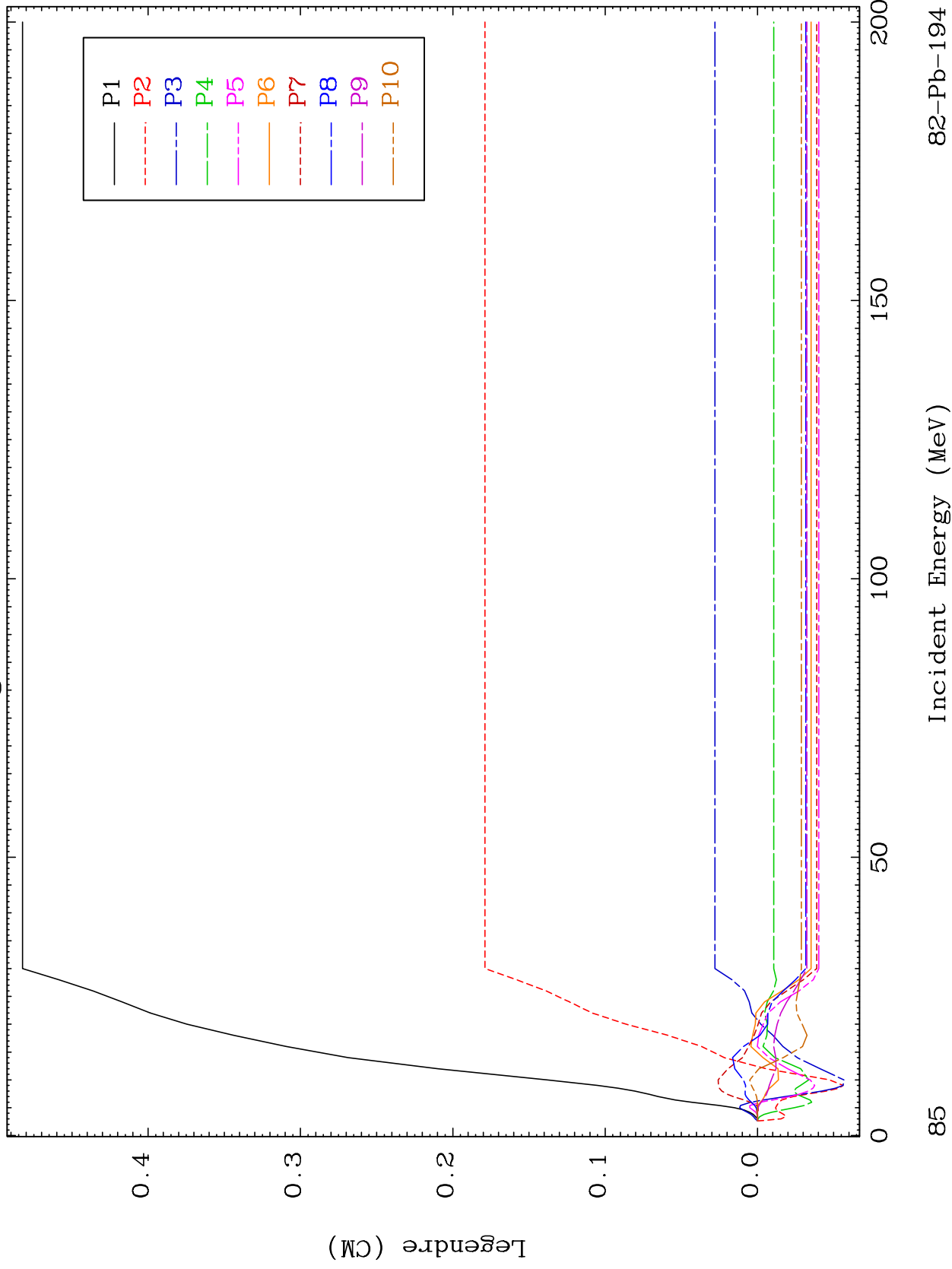
82-Pb-194



MAT 8195

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

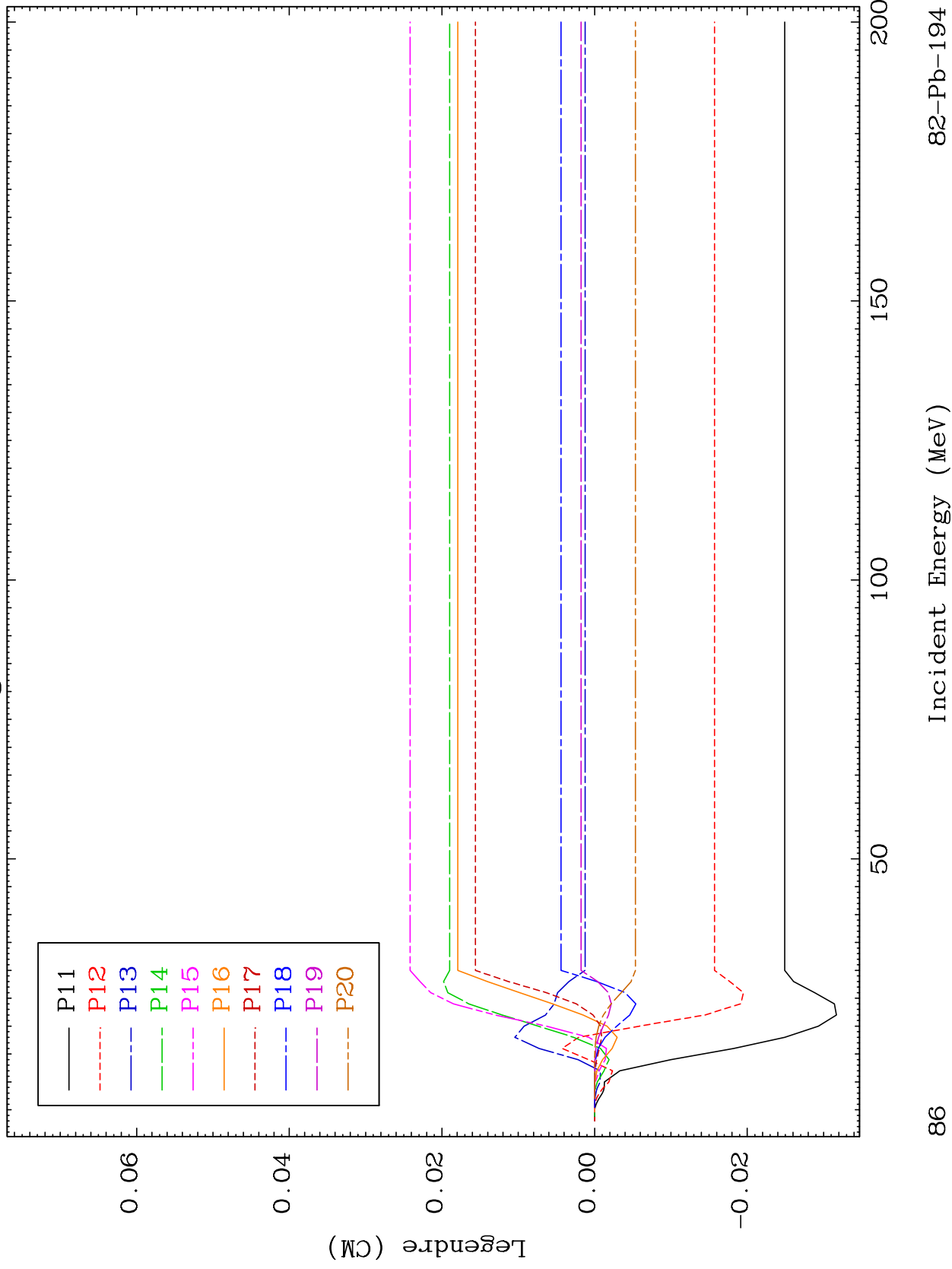
82-Pb-194

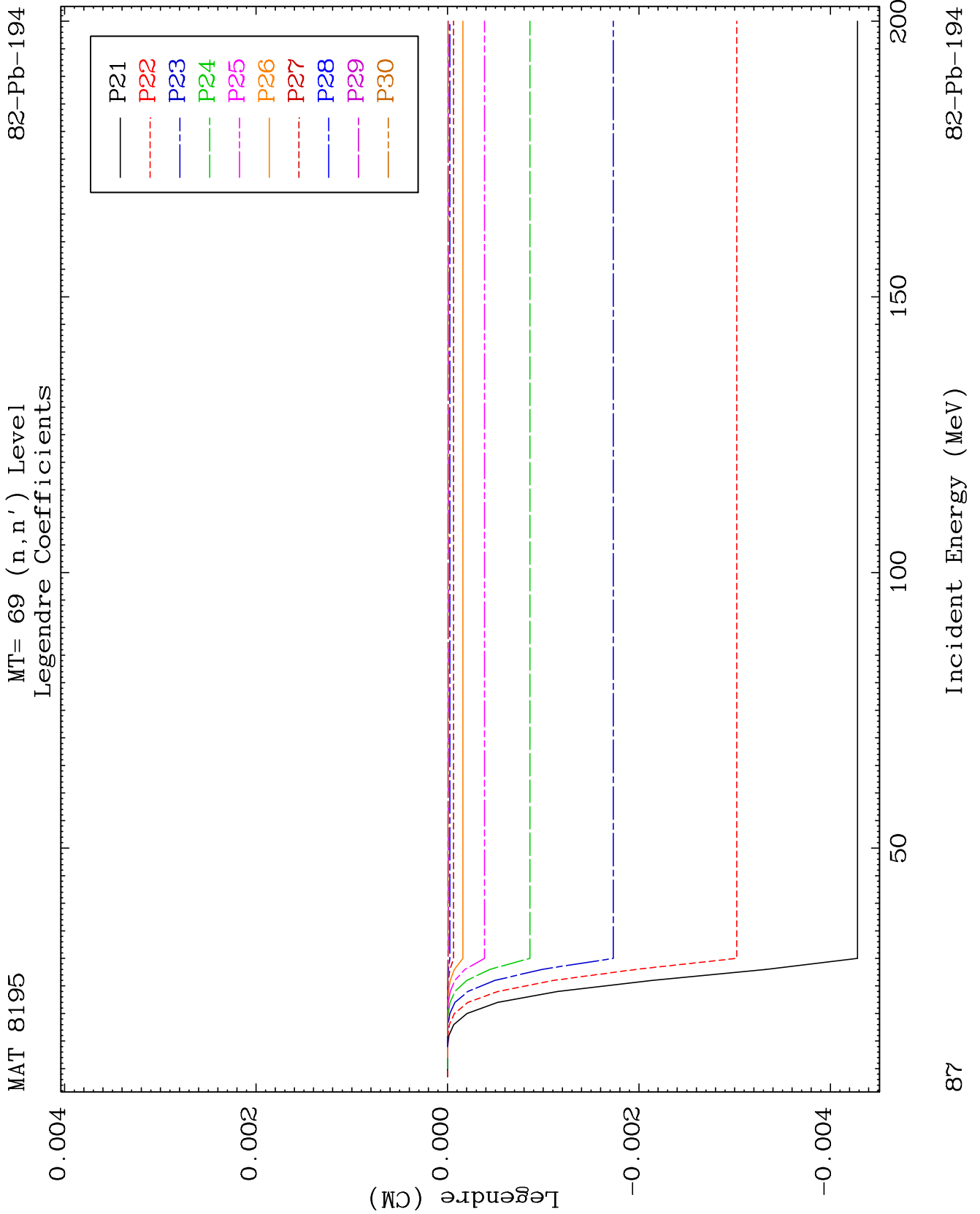


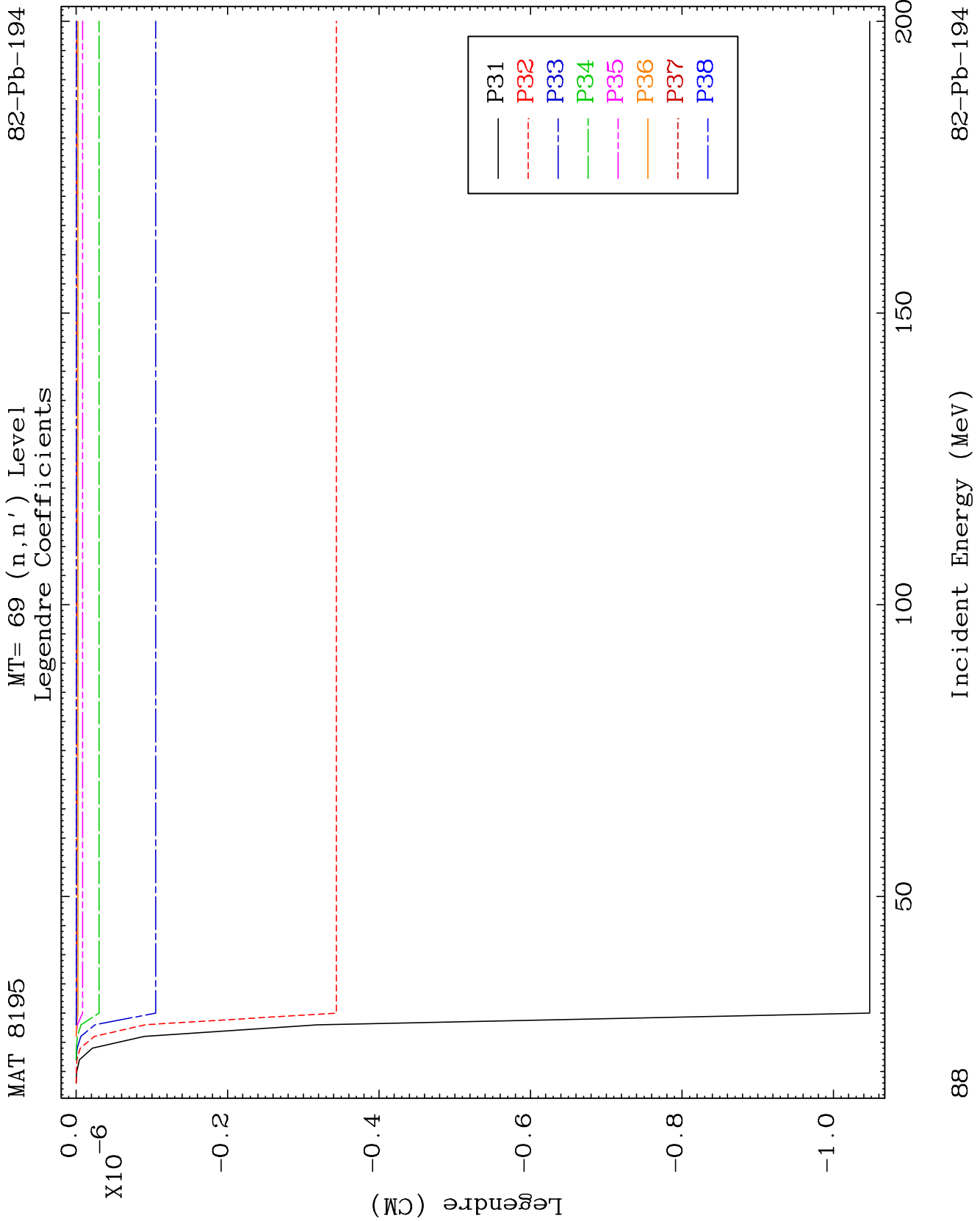
82-Pb-194

Incident Energy (MeV)

85



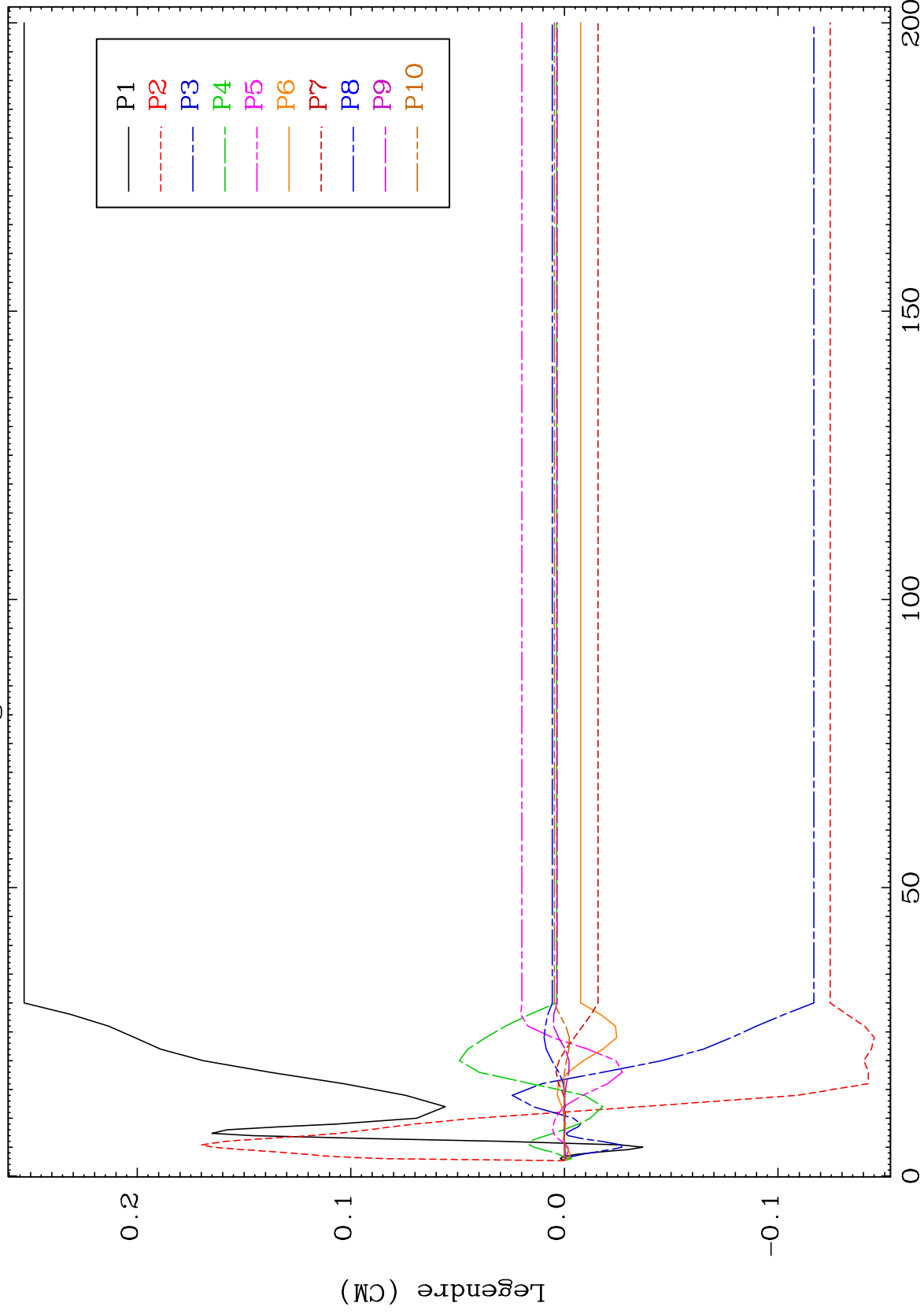




MAT 8195

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

82-Pb-194



89

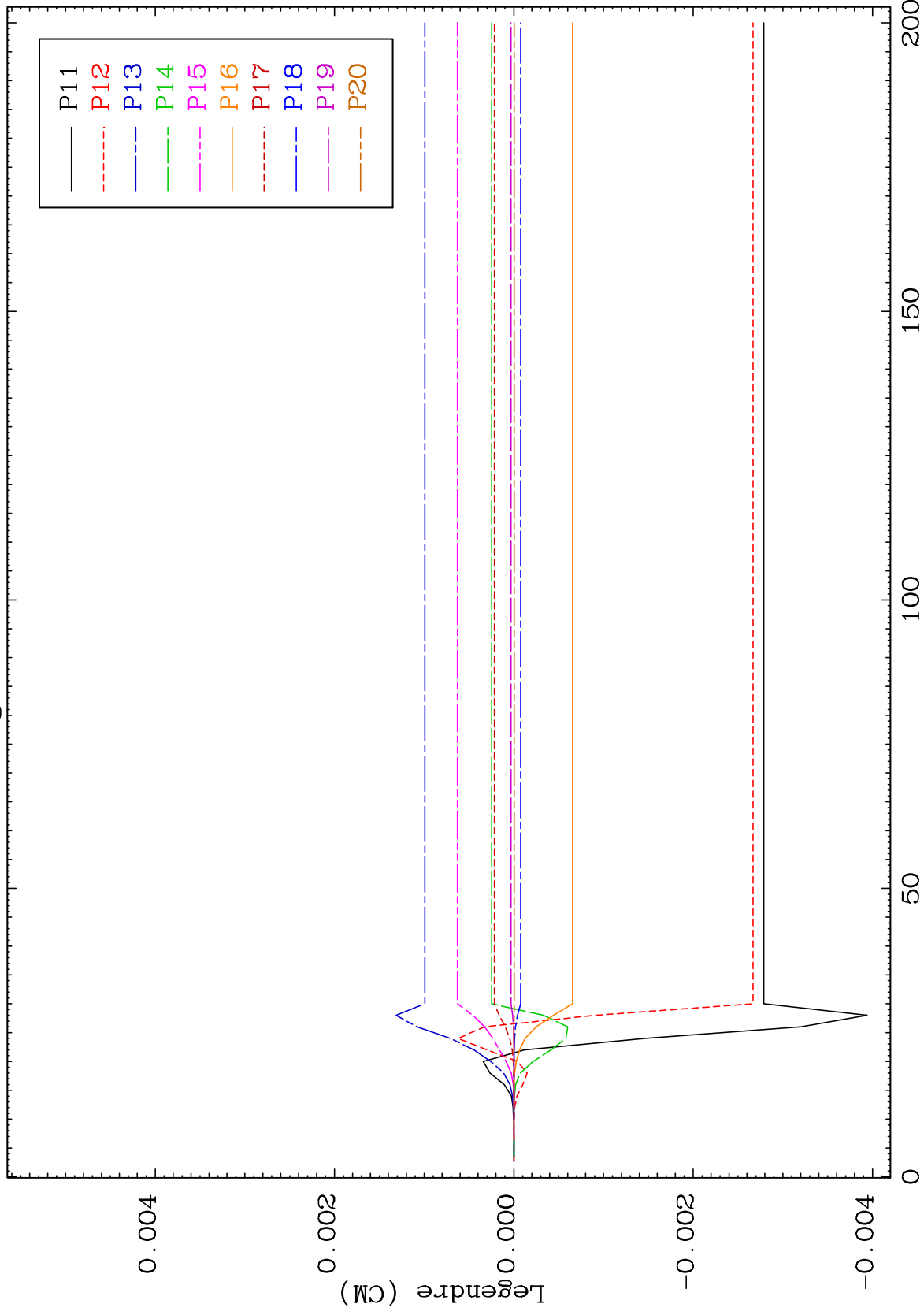
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



90

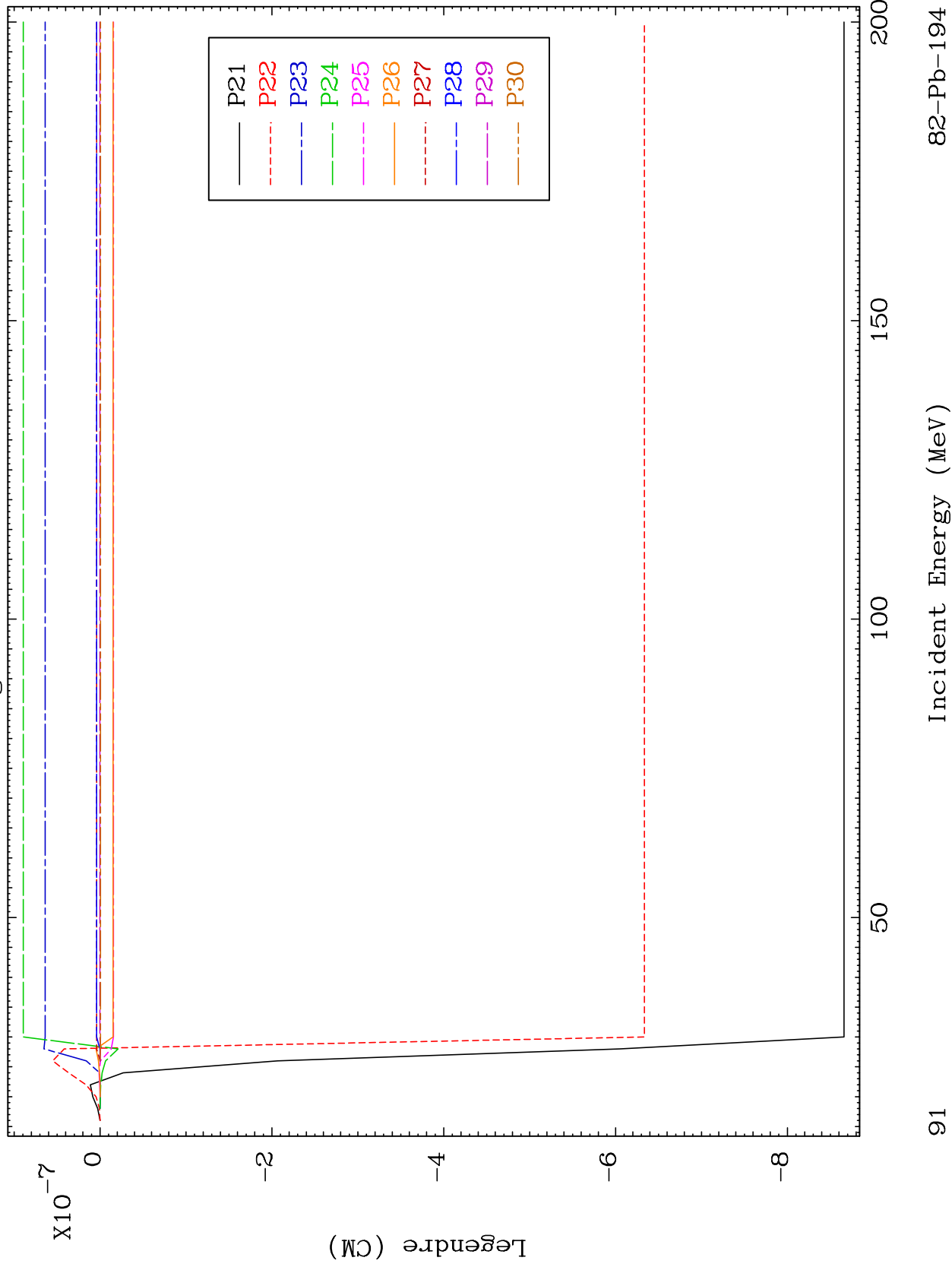
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



91

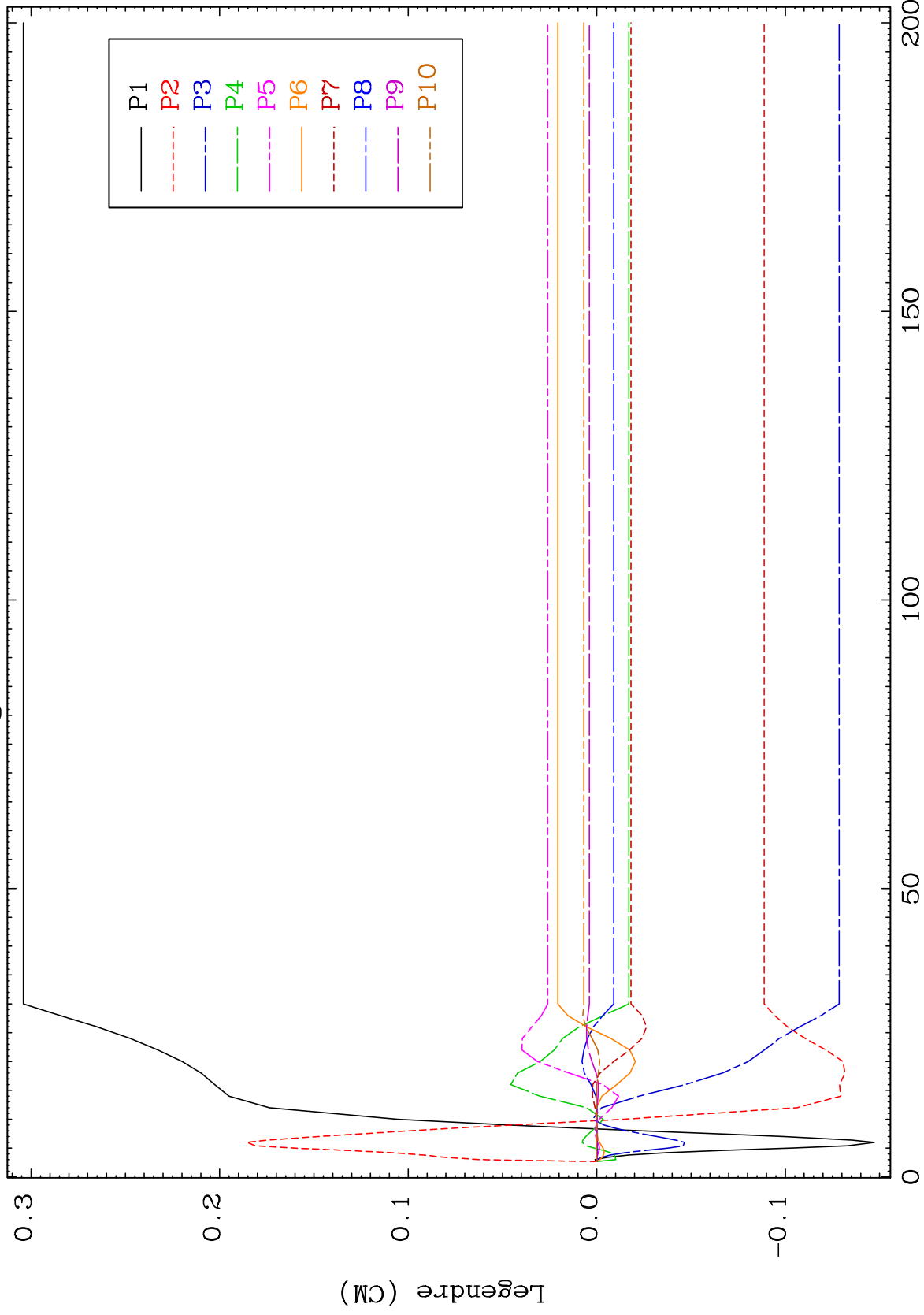
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



92

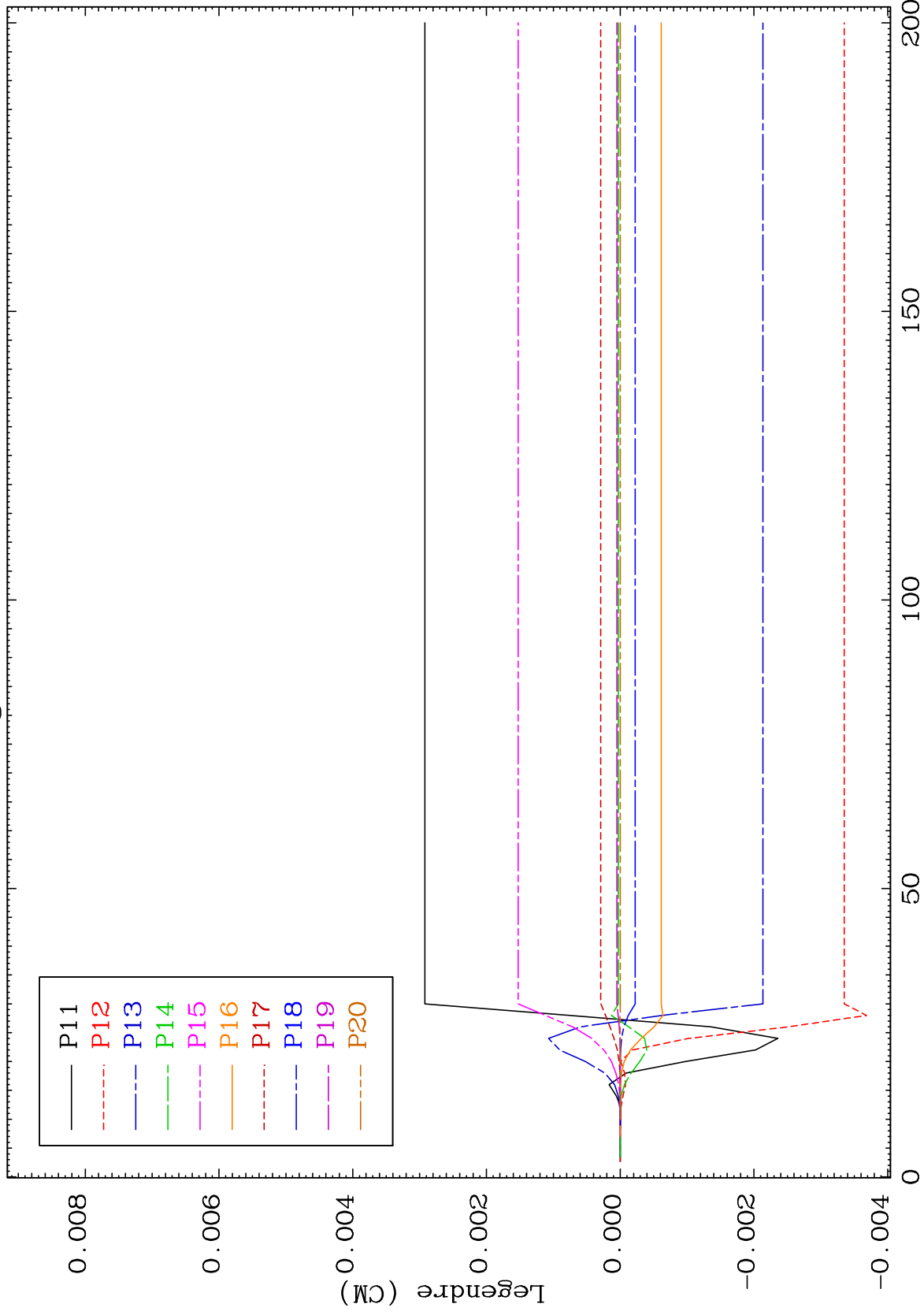
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



93

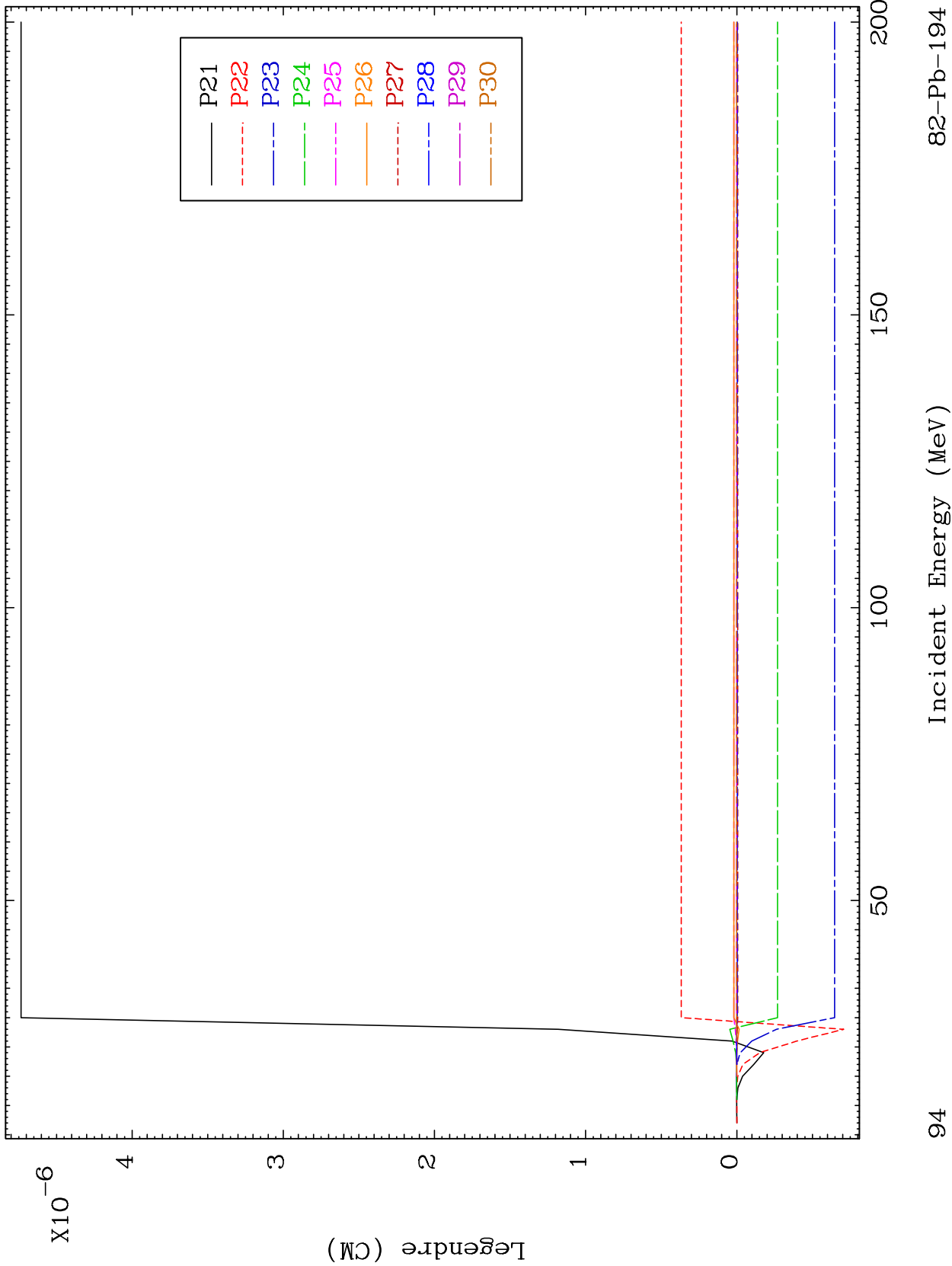
Incident Energy (MeV)

82-Pb-194

MAT 8195

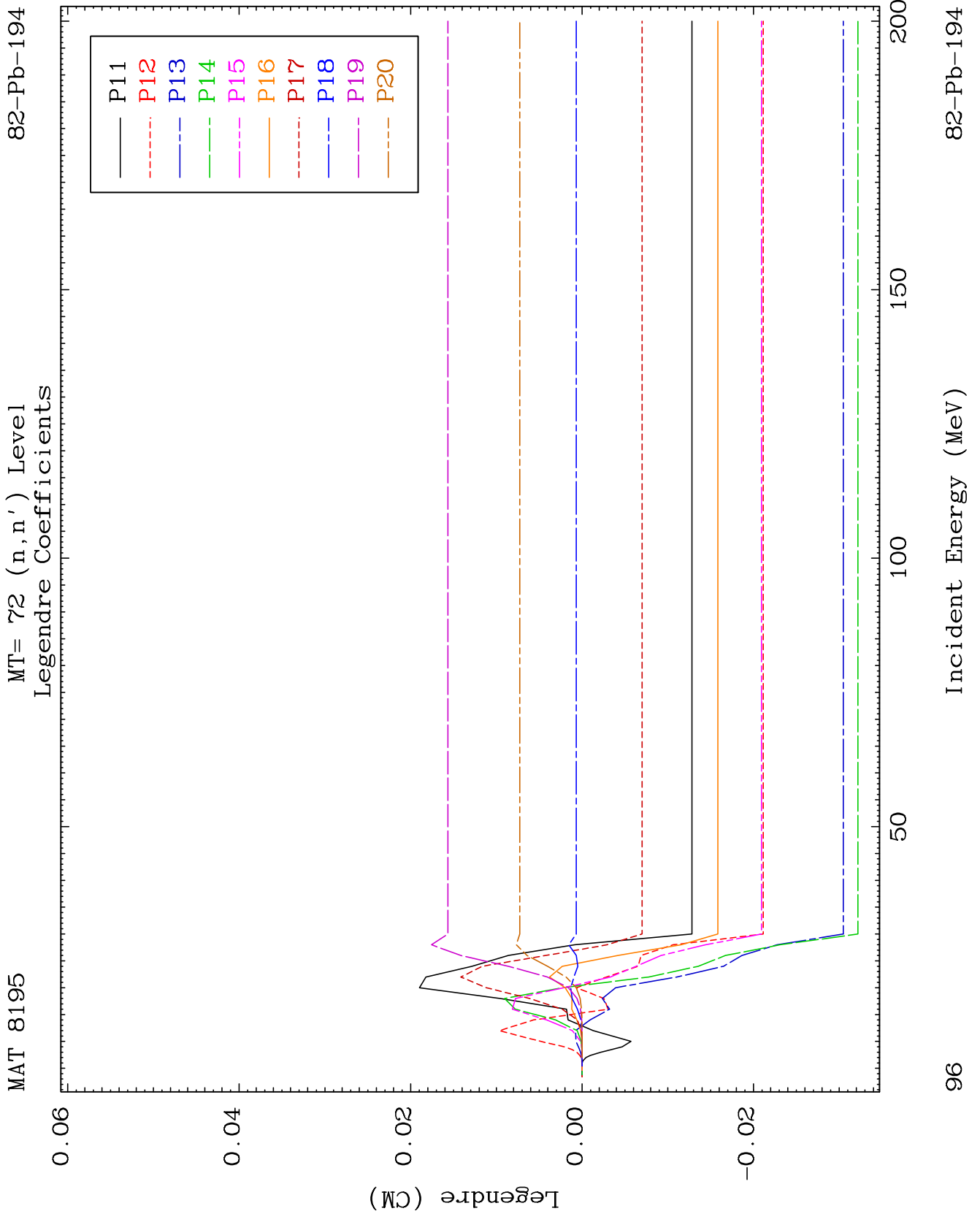
MT= 71 (n,n') Level
Legendre Coefficients

82-Pb-194



94

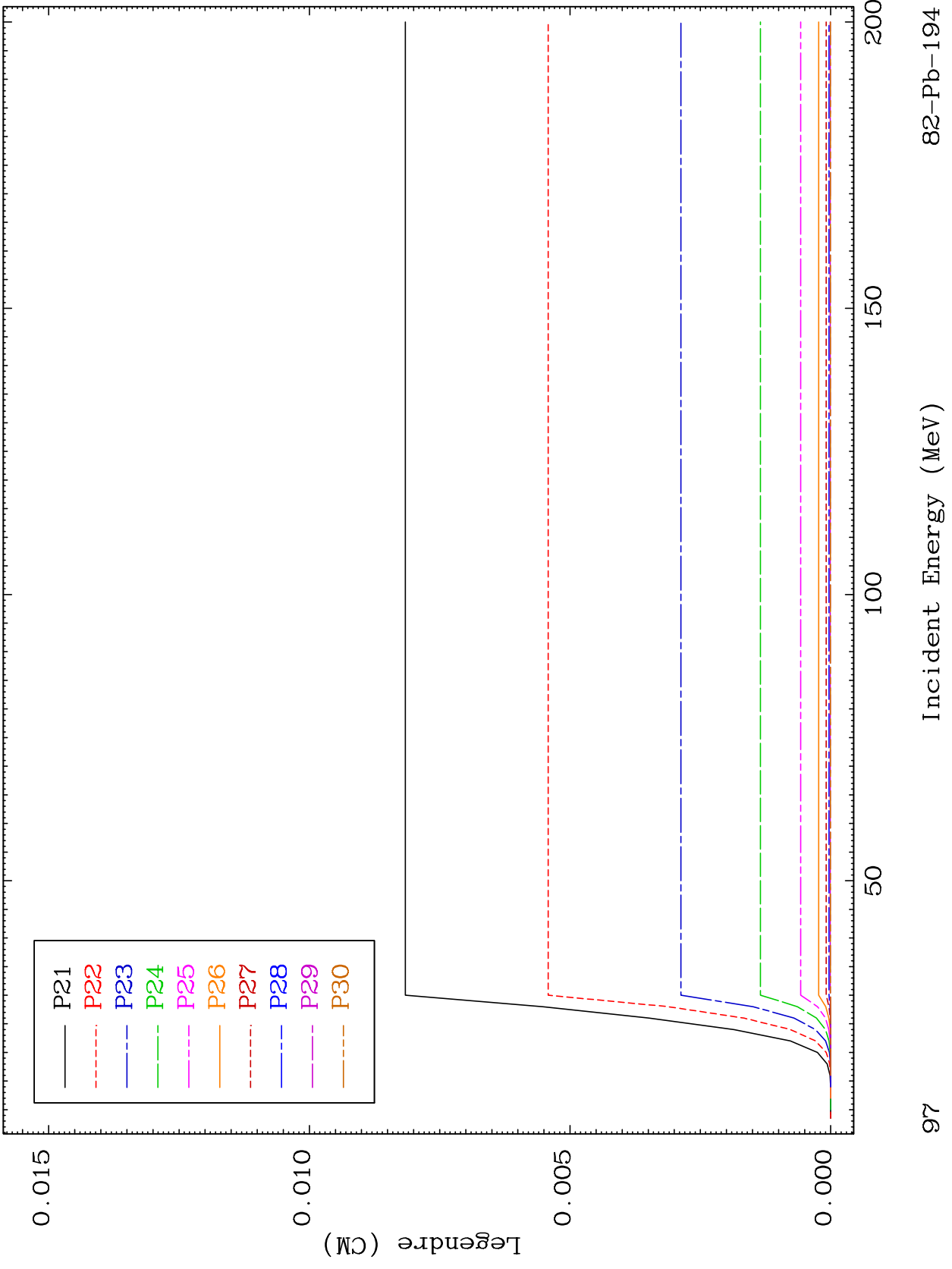
82-Pb-194



MAT 8195

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

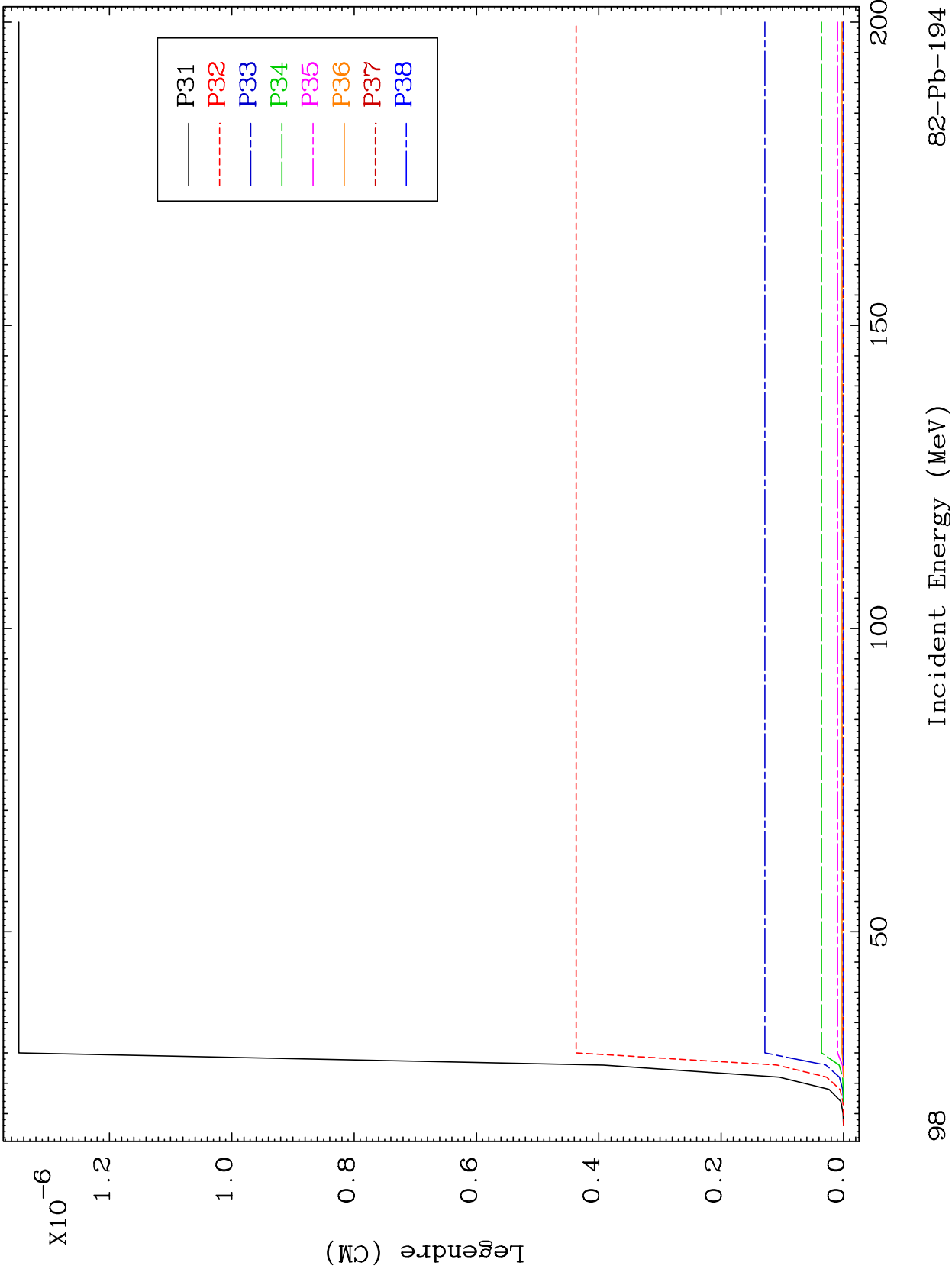
82-Pb-194



MAT 8195

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

82-Pb-194

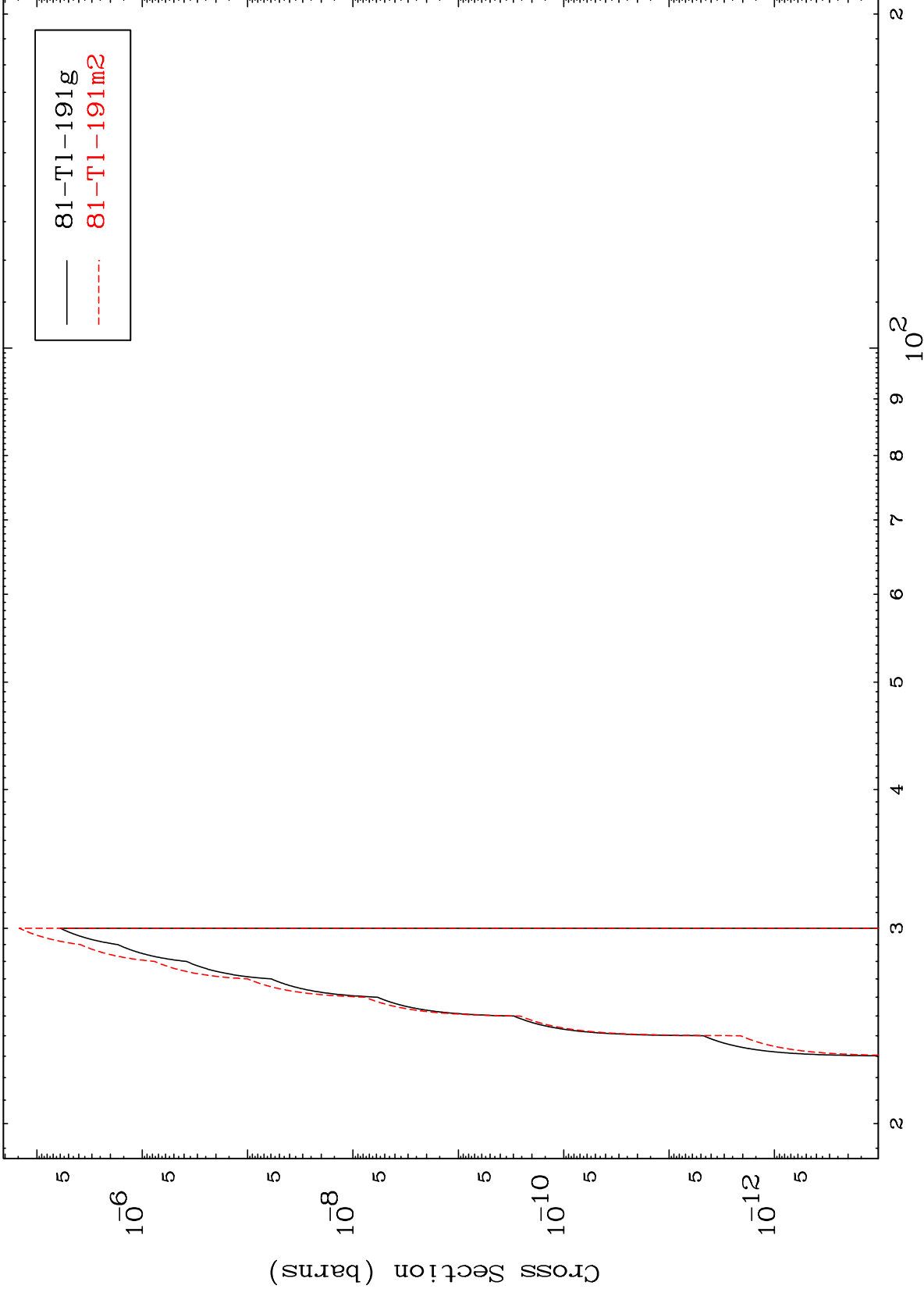


MAT 8195

(n,2n) d

82-Pb-194

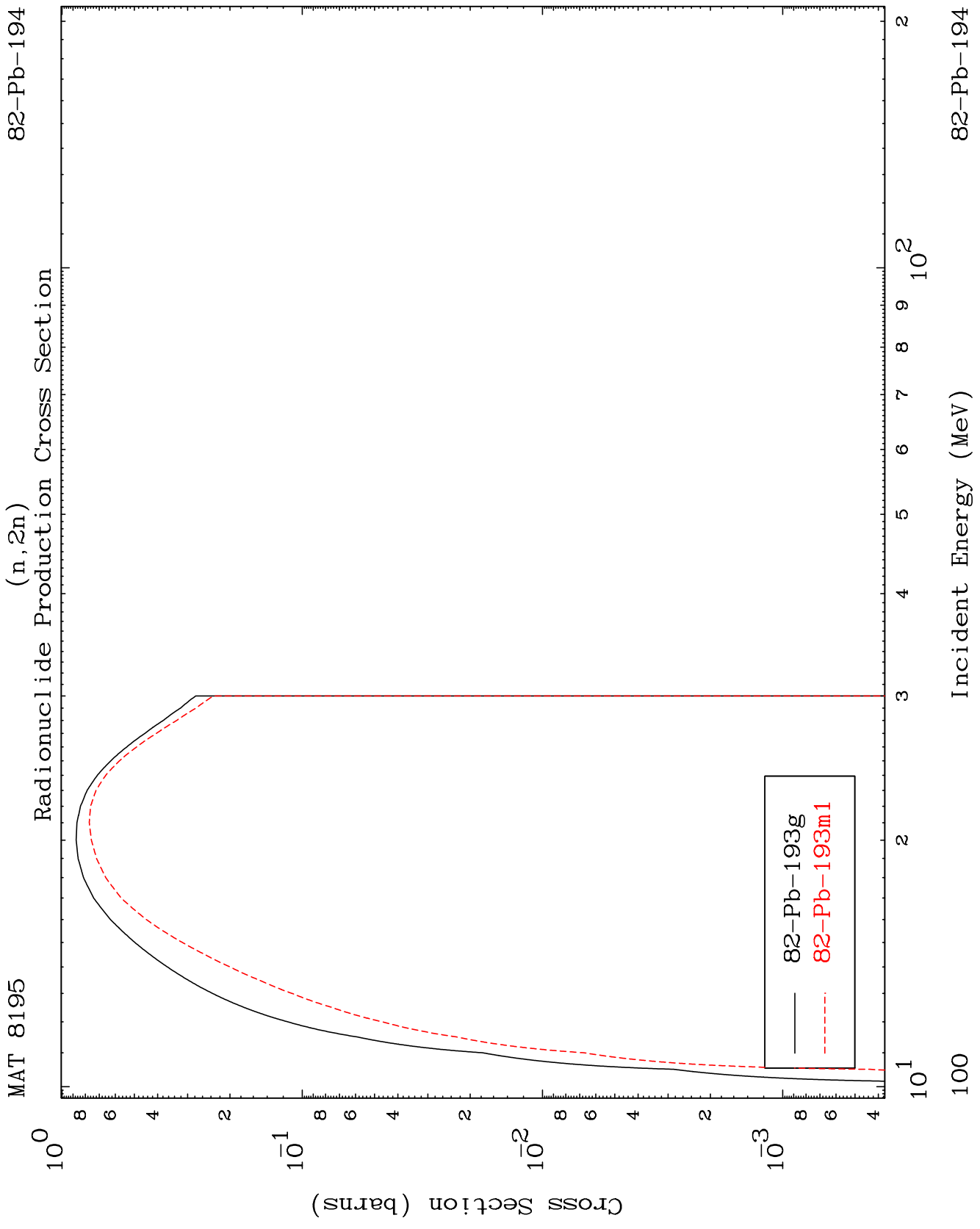
Radionuclide Production Cross Section



99

Incident Energy (MeV)

82-Pb-194

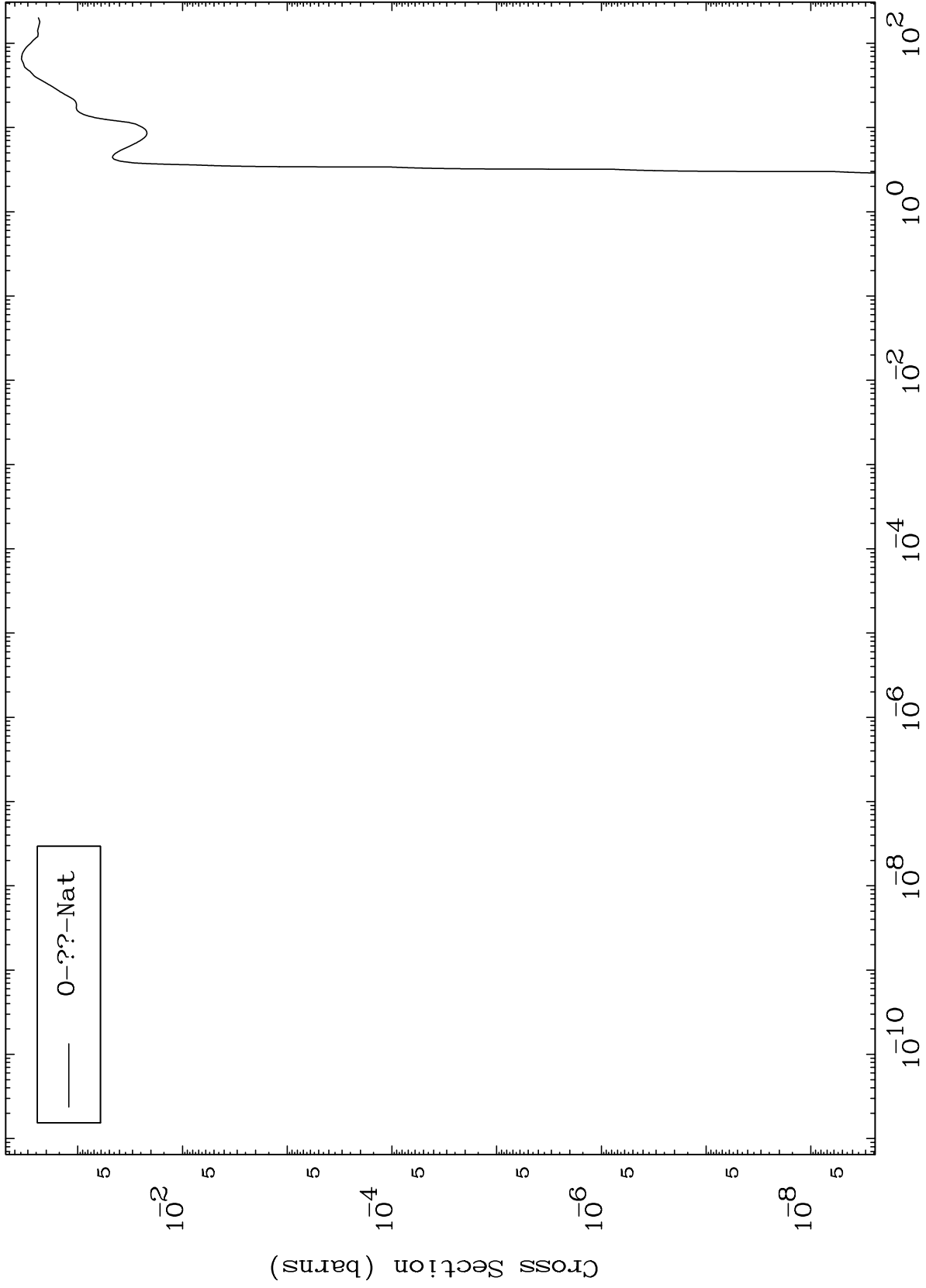


MAT 8195

Fission

82-Pb-194

Radionuclide Production Cross Section



101

Incident Energy (MeV)

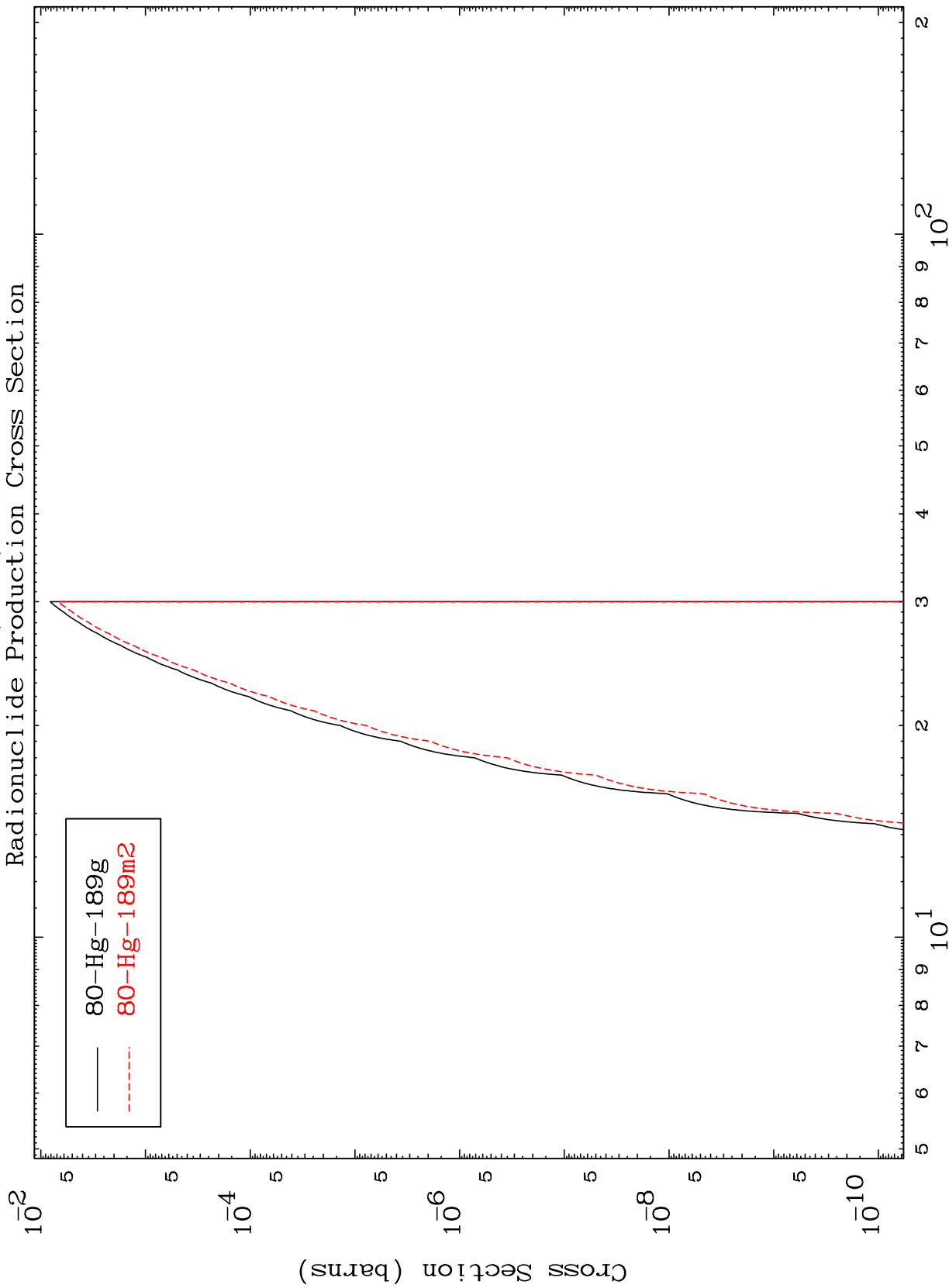
82-Pb-194

MAT 8195

$(n, 2n) \alpha$

82-Pb-194

Radionuclide Production Cross Section



102

Incident Energy (MeV)

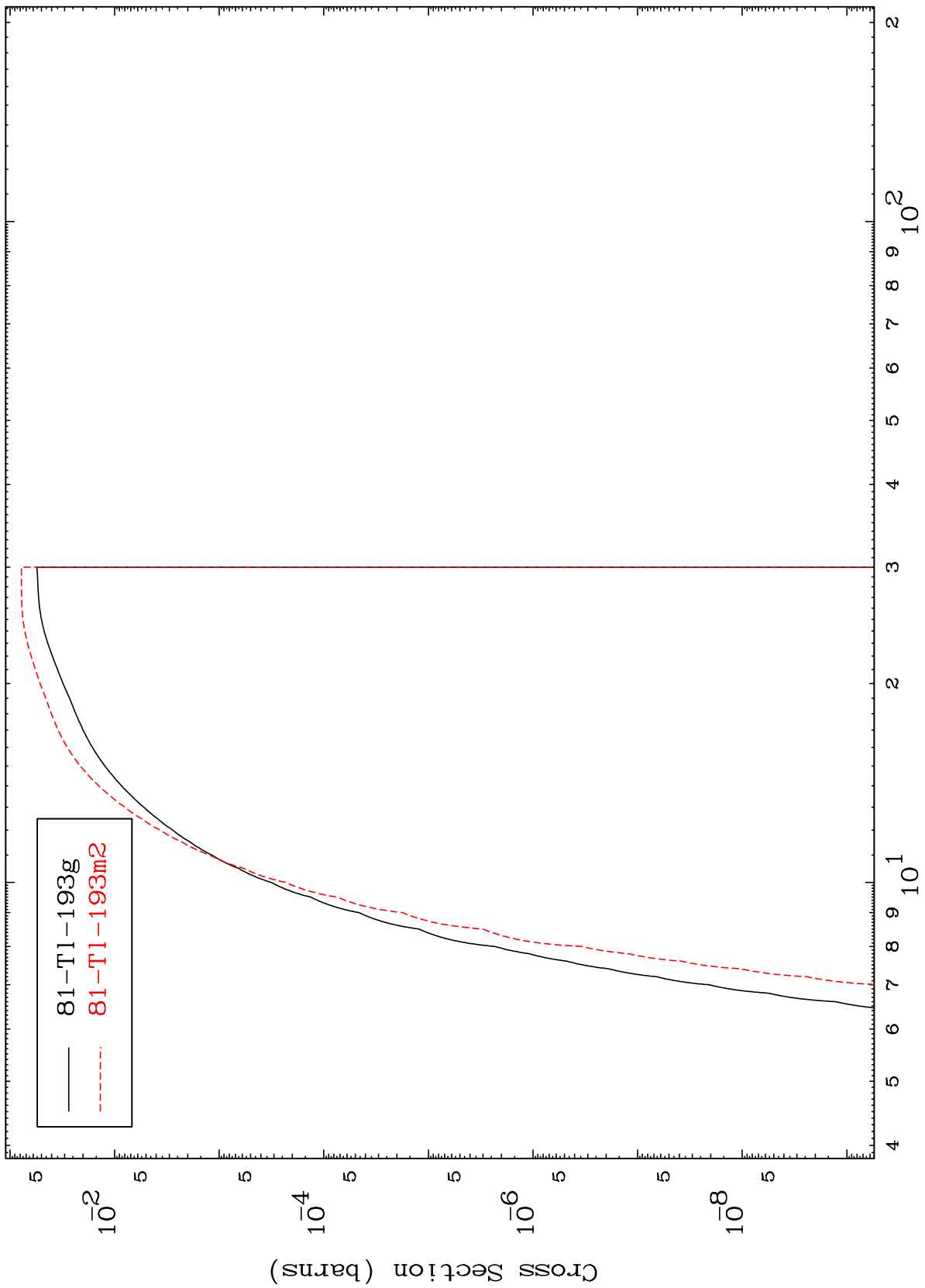
82-Pb-194

MAT 8195

(n,n') p

82-Pb-194

Radionuclide Production Cross Section



103

Incident Energy (MeV)

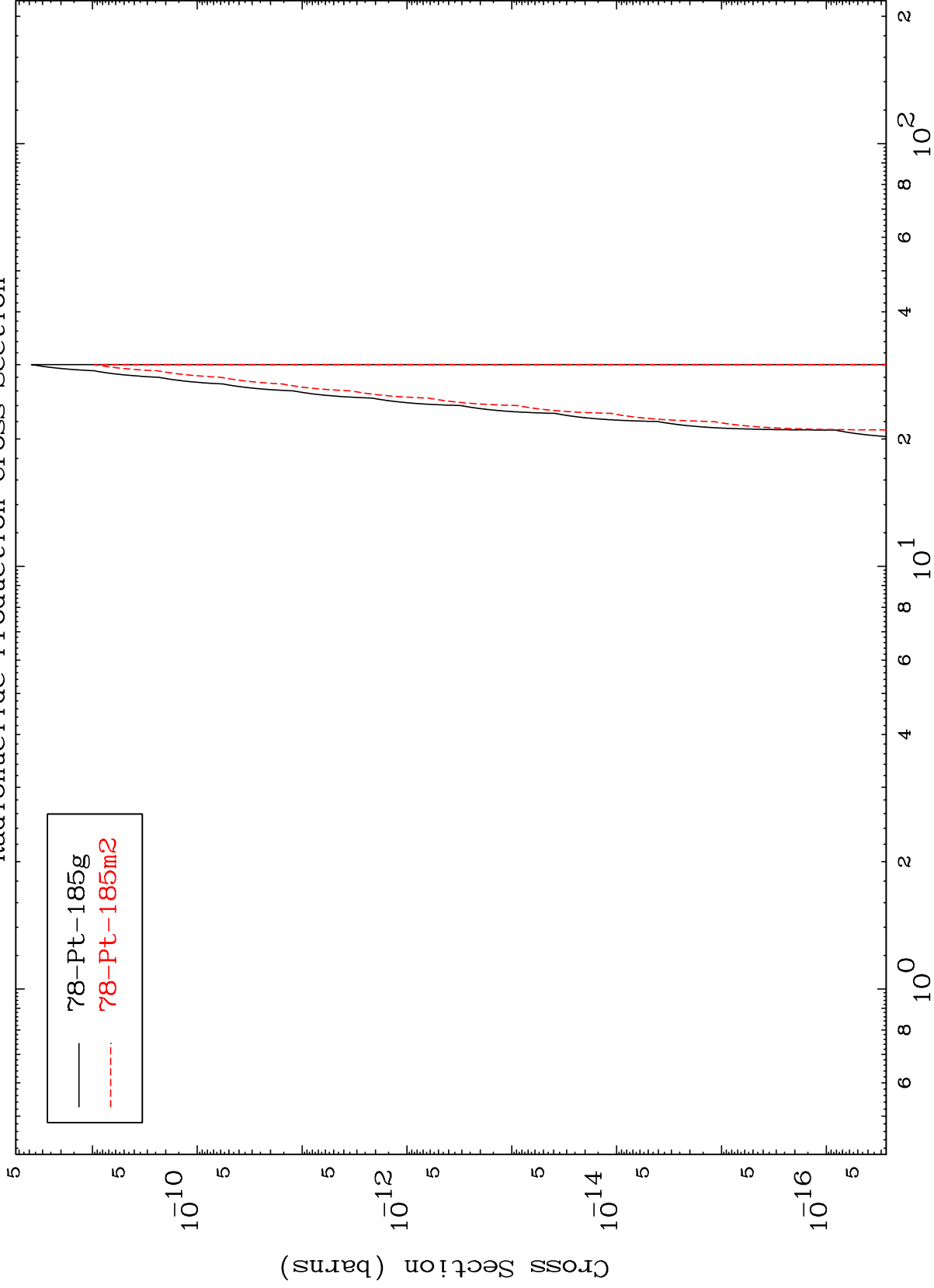
82-Pb-194

MAT 8195

(n,2n) 2 α

82-Pb-194

Radionuclide Production Cross Section



104

Incident Energy (MeV)

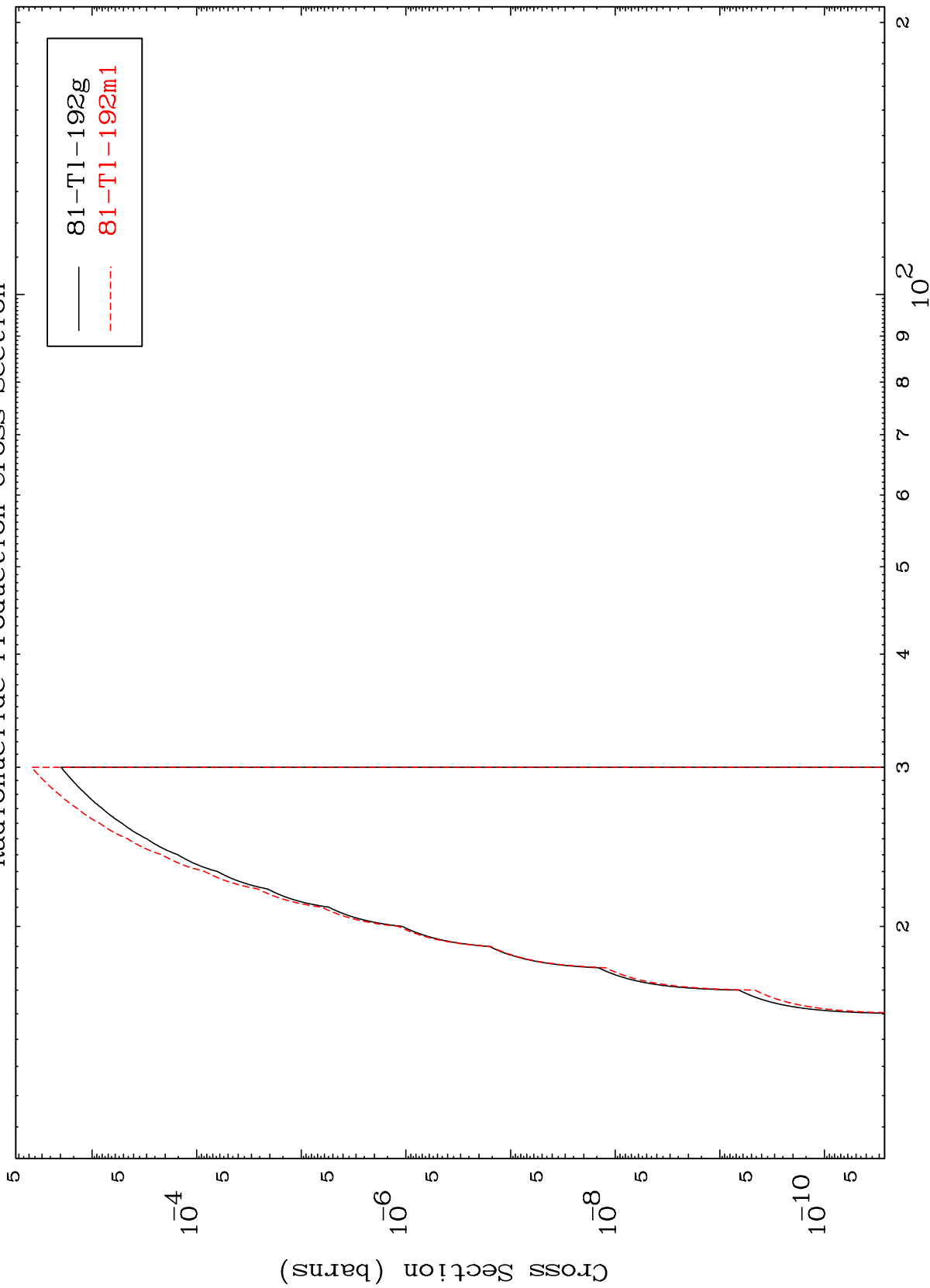
82-Pb-194

MAT 8195

(n,n') d

82-Pb-194

Radionuclide Production Cross Section



105

Incident Energy (MeV)

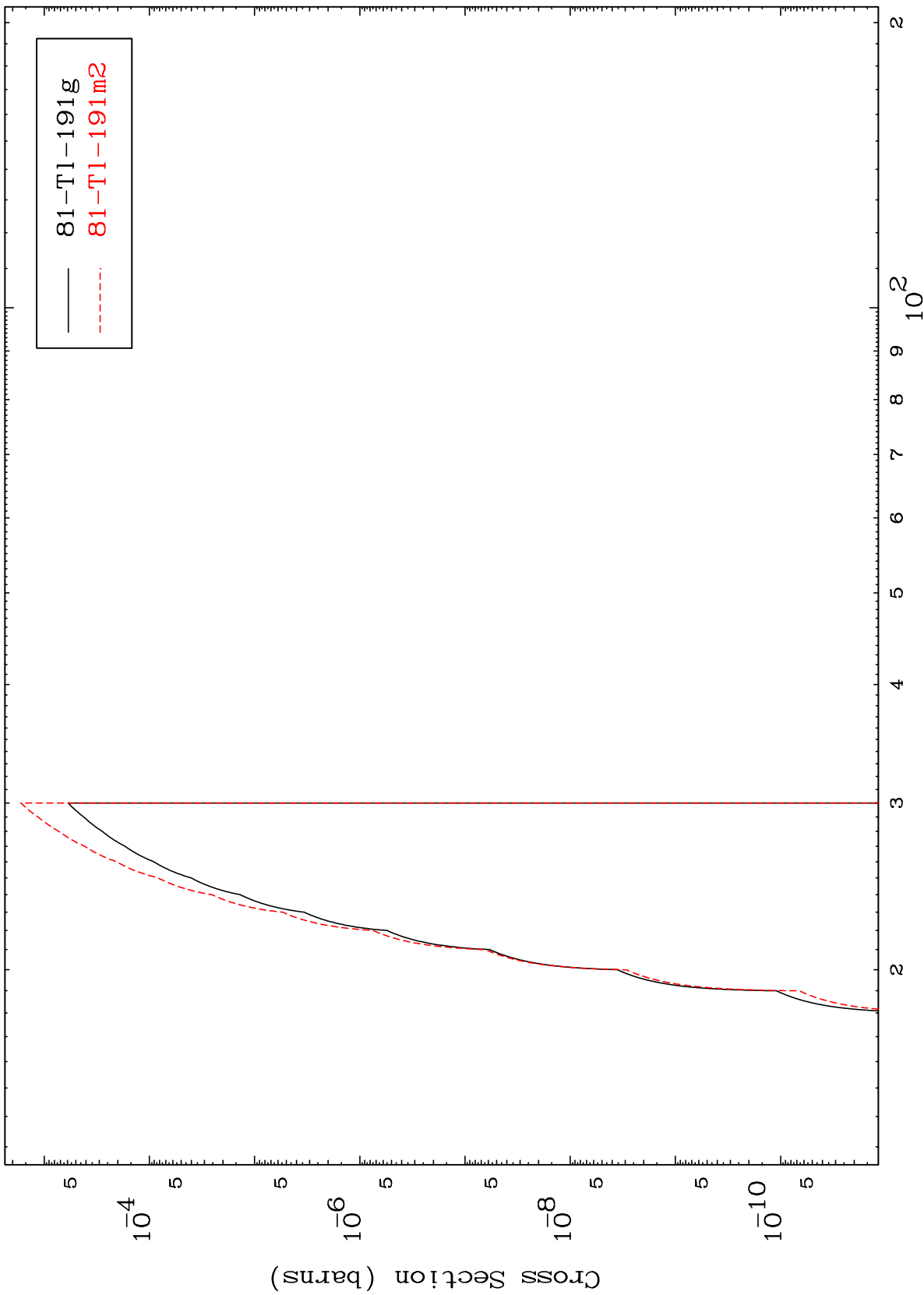
82-Pb-194

MAT 8195

(n,n') t

82-Pb-194

Radionuclide Production Cross Section



106

Incident Energy (MeV)

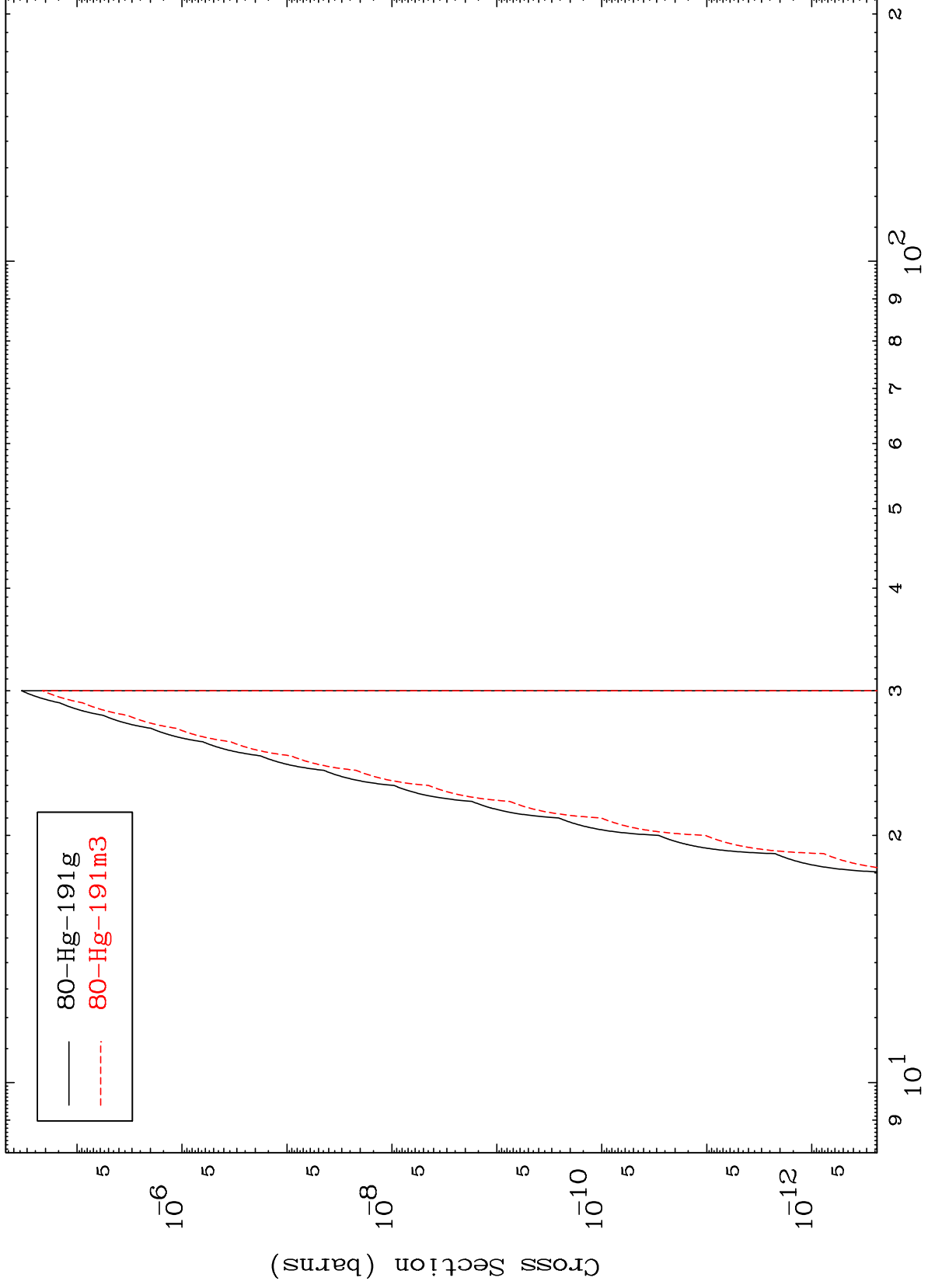
82-Pb-194

MAT 8195

(n,n') He-3

82-Pb-194

Radionuclide Production Cross Section



80-Hg-191g
80-Hg-191m3

107

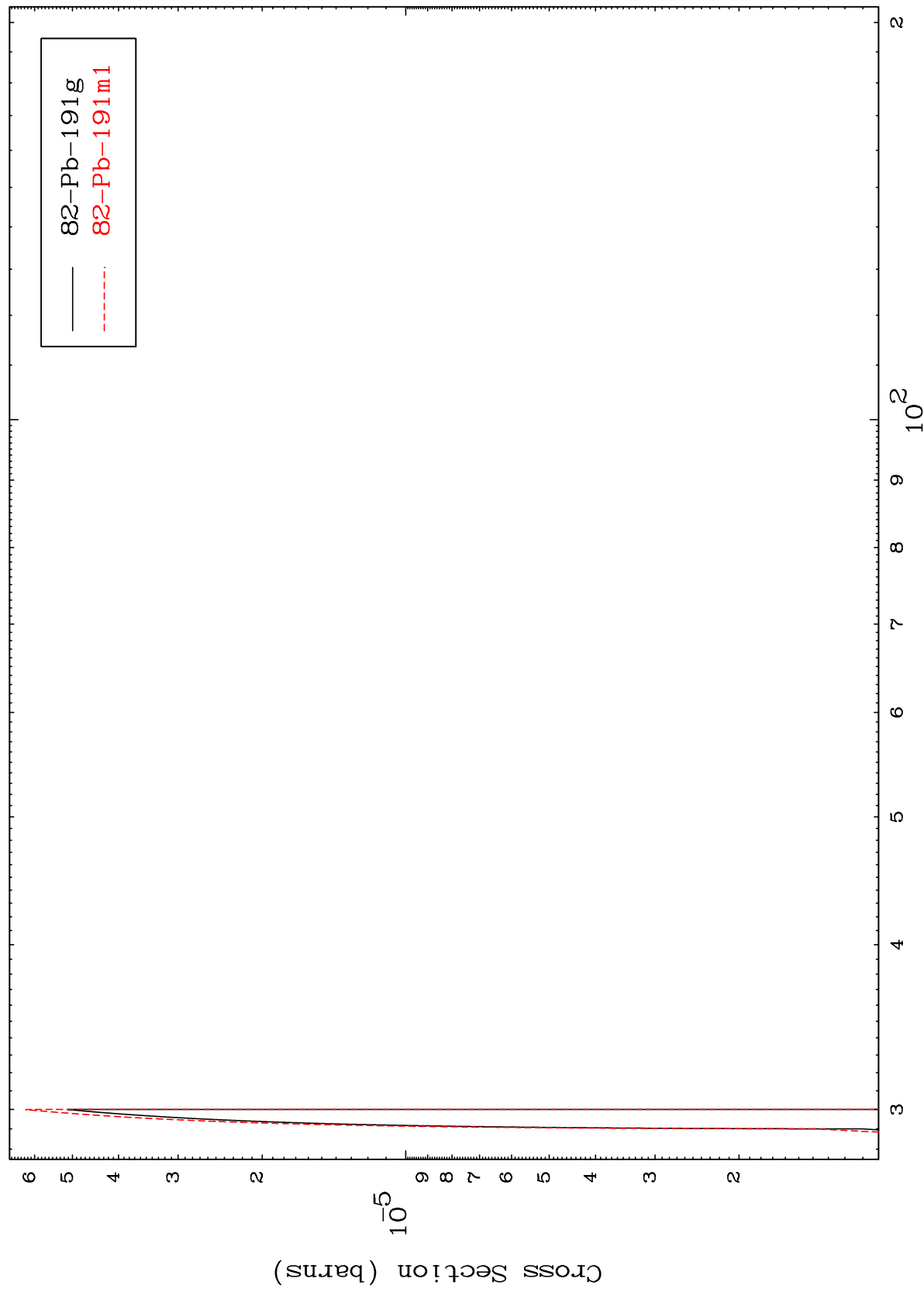
Incident Energy (MeV)

82-Pb-194

MAT 8195

82-Pb-194

(n,4n)
Radionuclide Production Cross Section

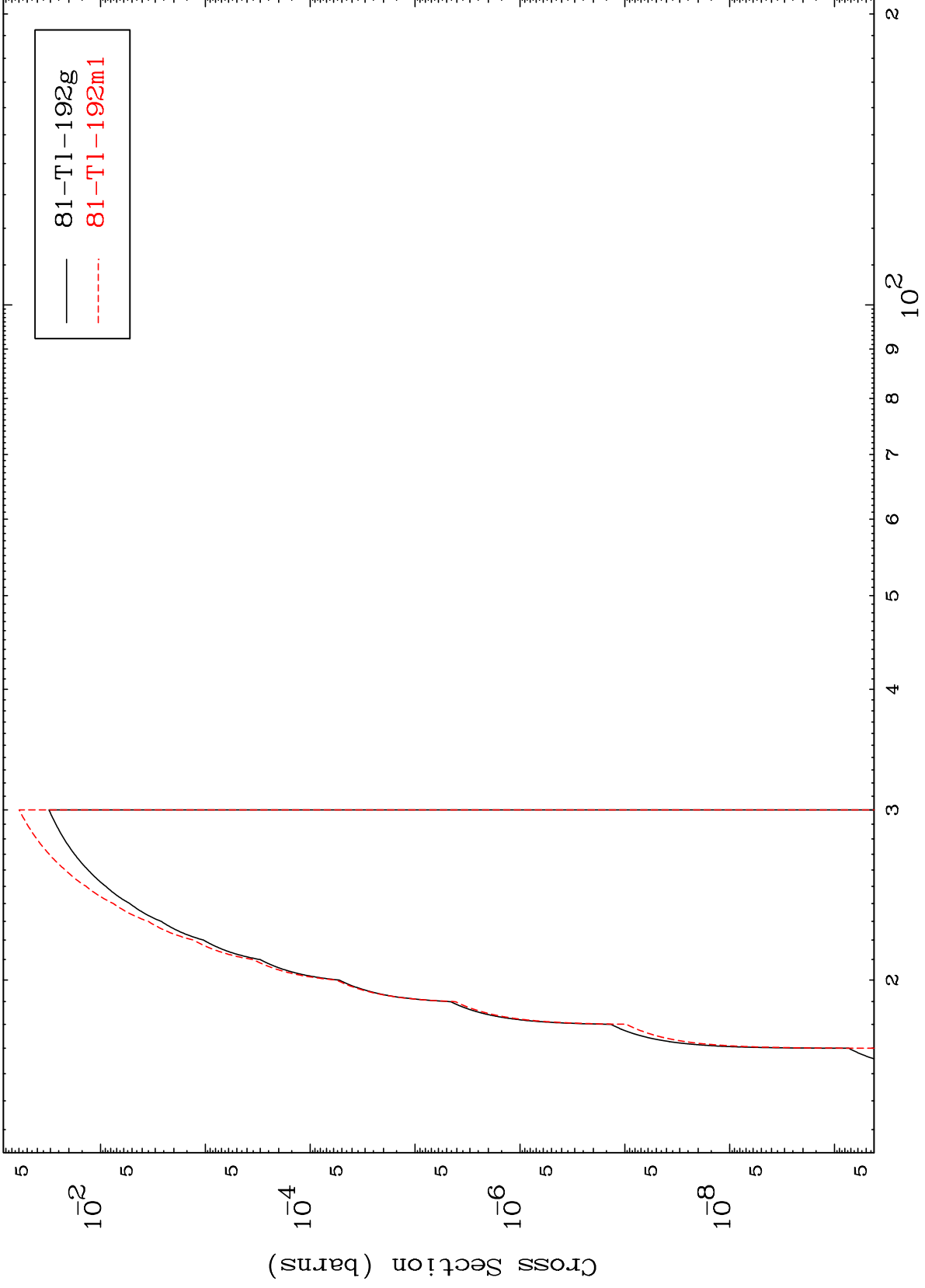


82-Pb-194

Incident Energy (MeV)

108

Radionuclide Production Cross Section

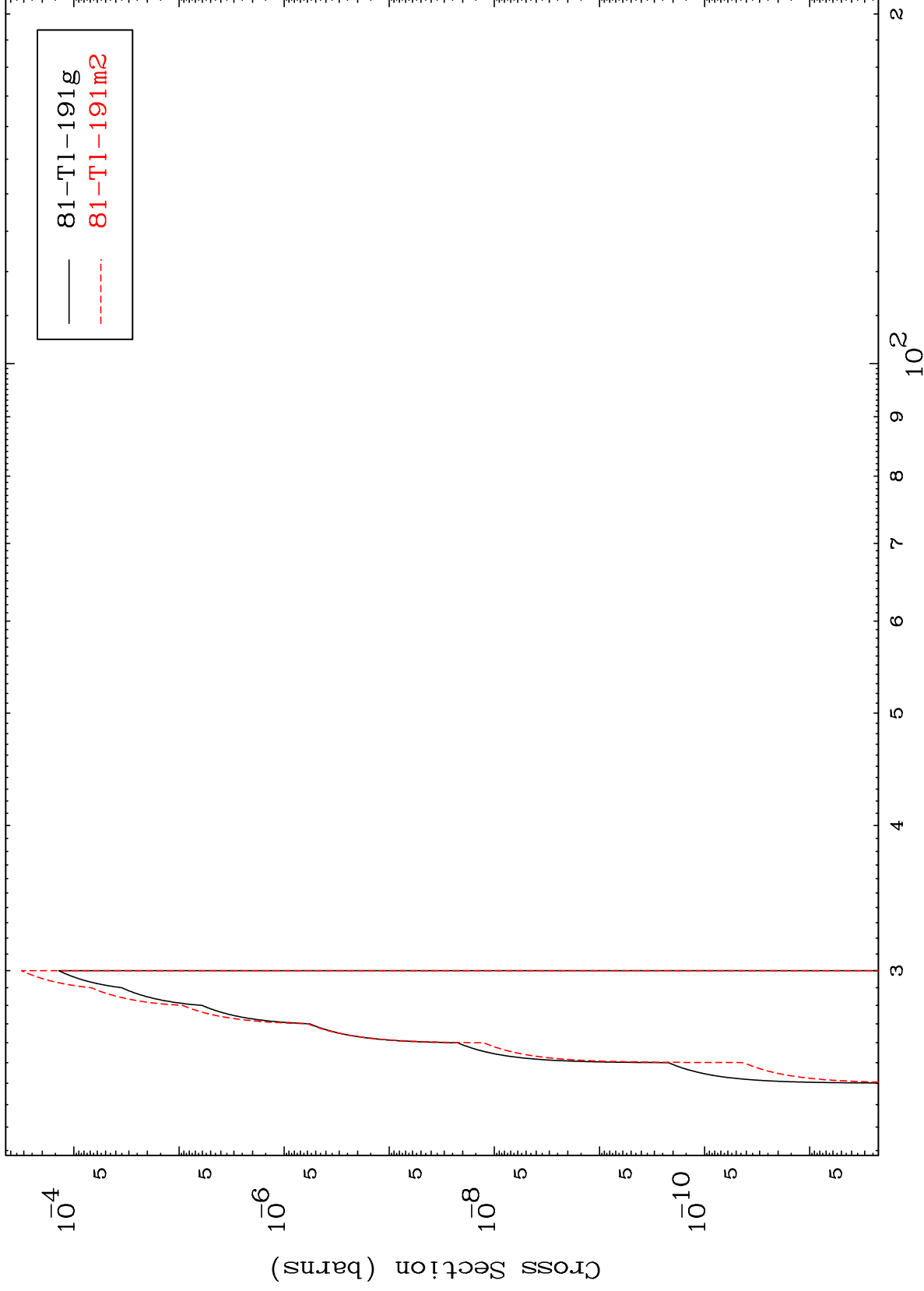


MAT 8195

(n,3n) p

82-Pb-194

Radionuclide Production Cross Section



110

Incident Energy (MeV)

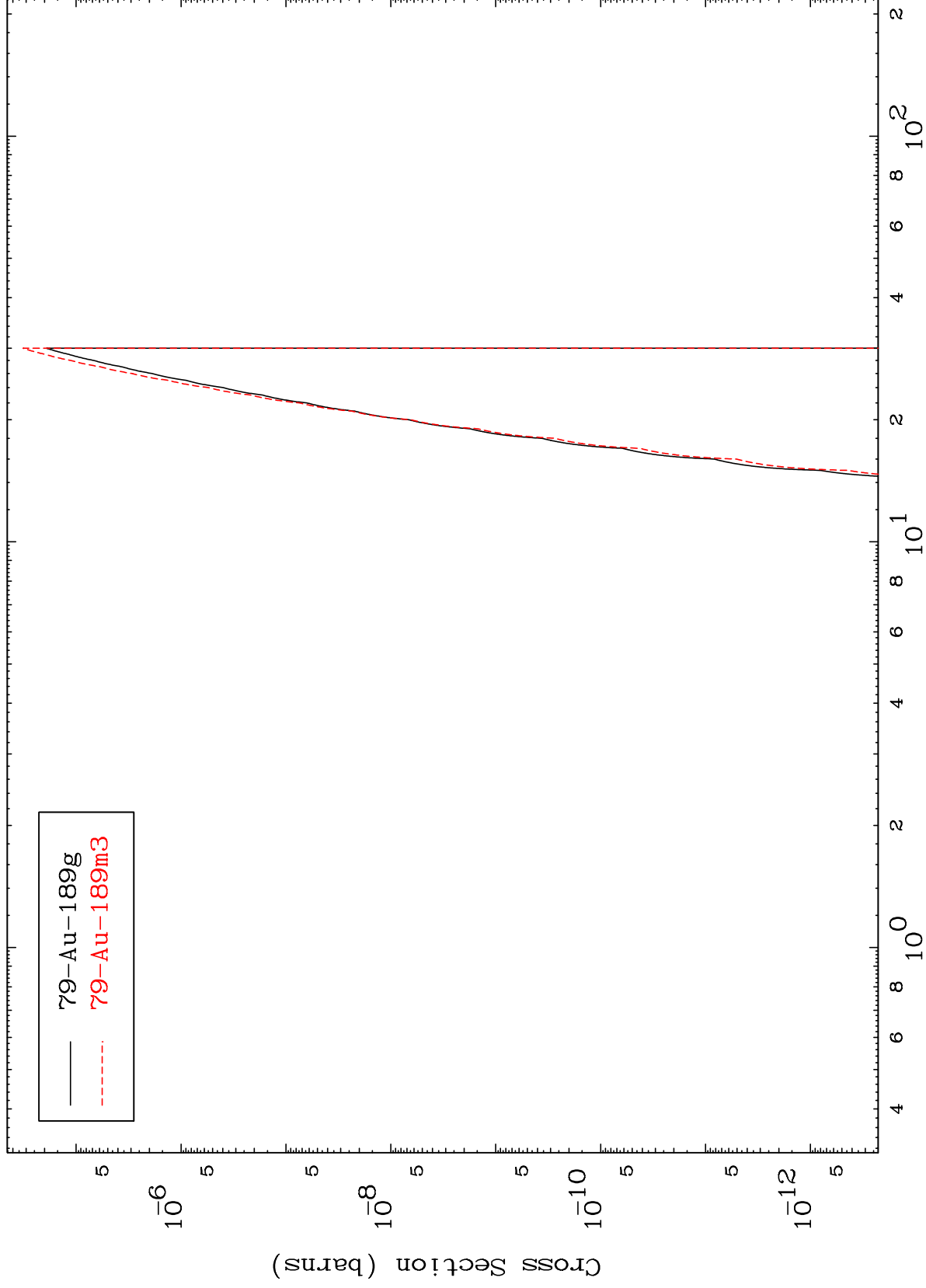
82-Pb-194

MAT 8195

(n,n') p α

82-Pb-194

Radionuclide Production Cross Section



111

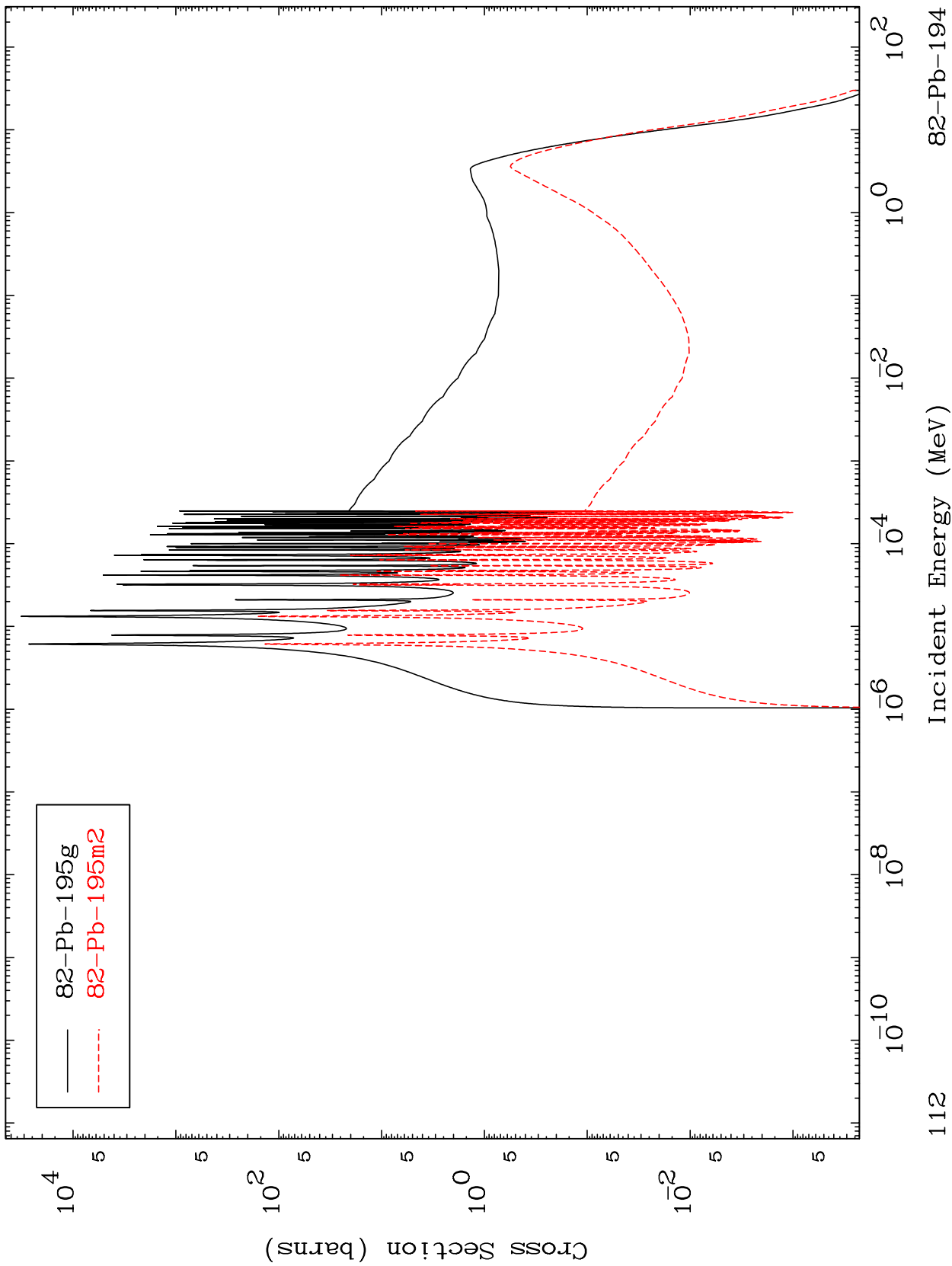
Incident Energy (MeV)

82-Pb-194

MAT 8195

82-Pb-194

(n, γ)
Radionuclide Production Cross Section



112

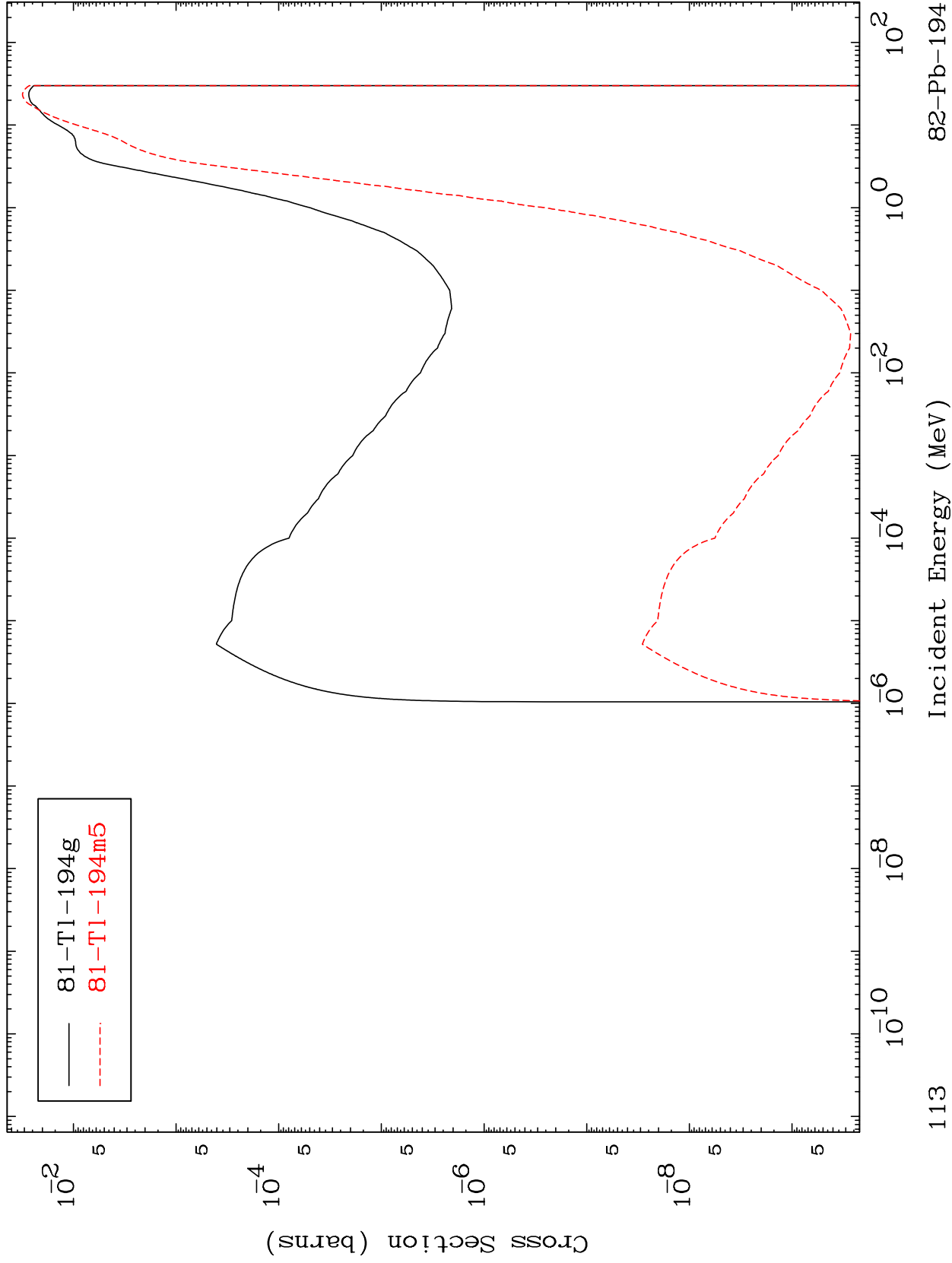
82-Pb-194

MAT 8195

(n,p)

82-Pb-194

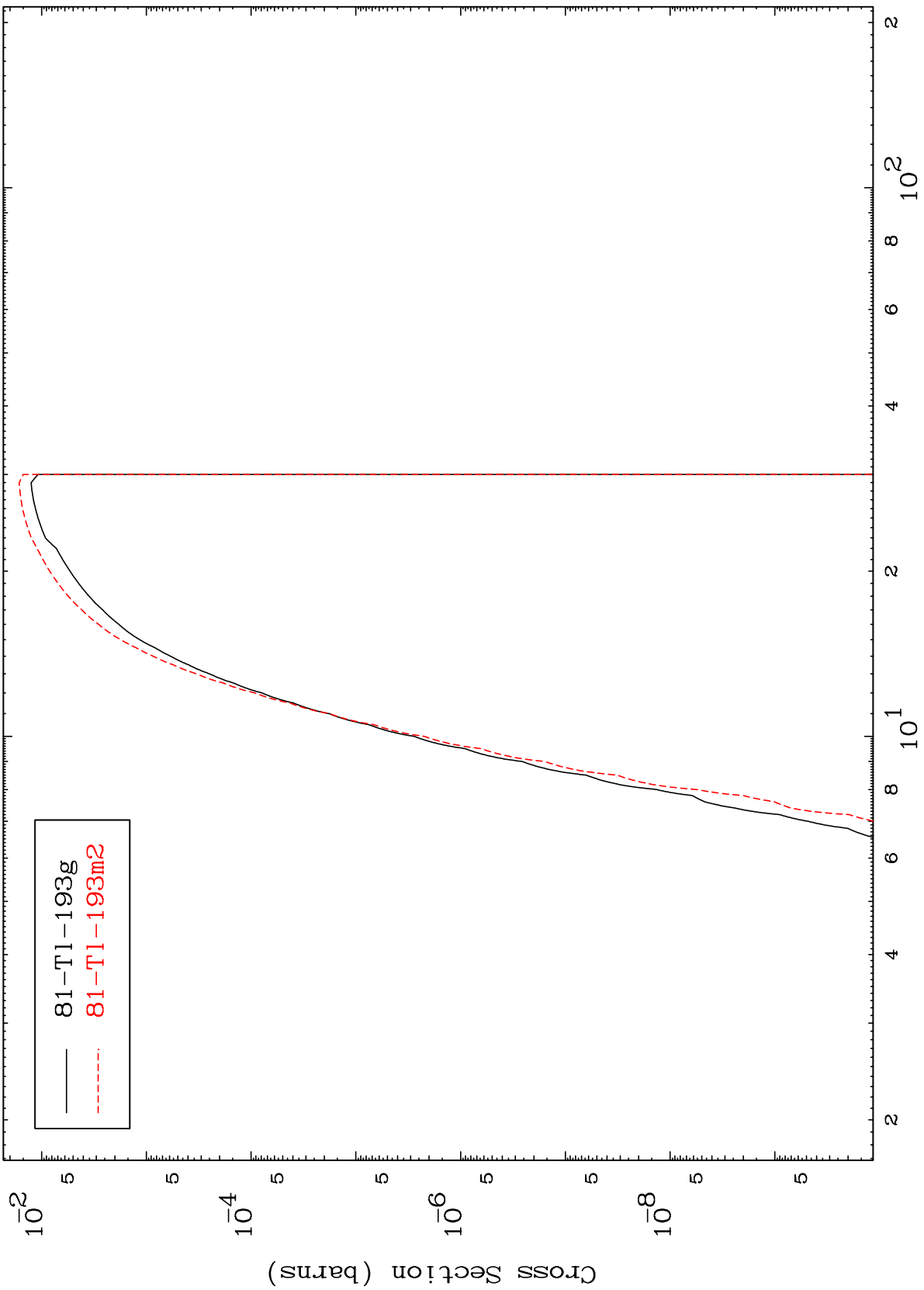
Radionuclide Production Cross Section



MAT 8195

82-Pb-194

(n,d)
Radionuclide Production Cross Section



82-Pb-194

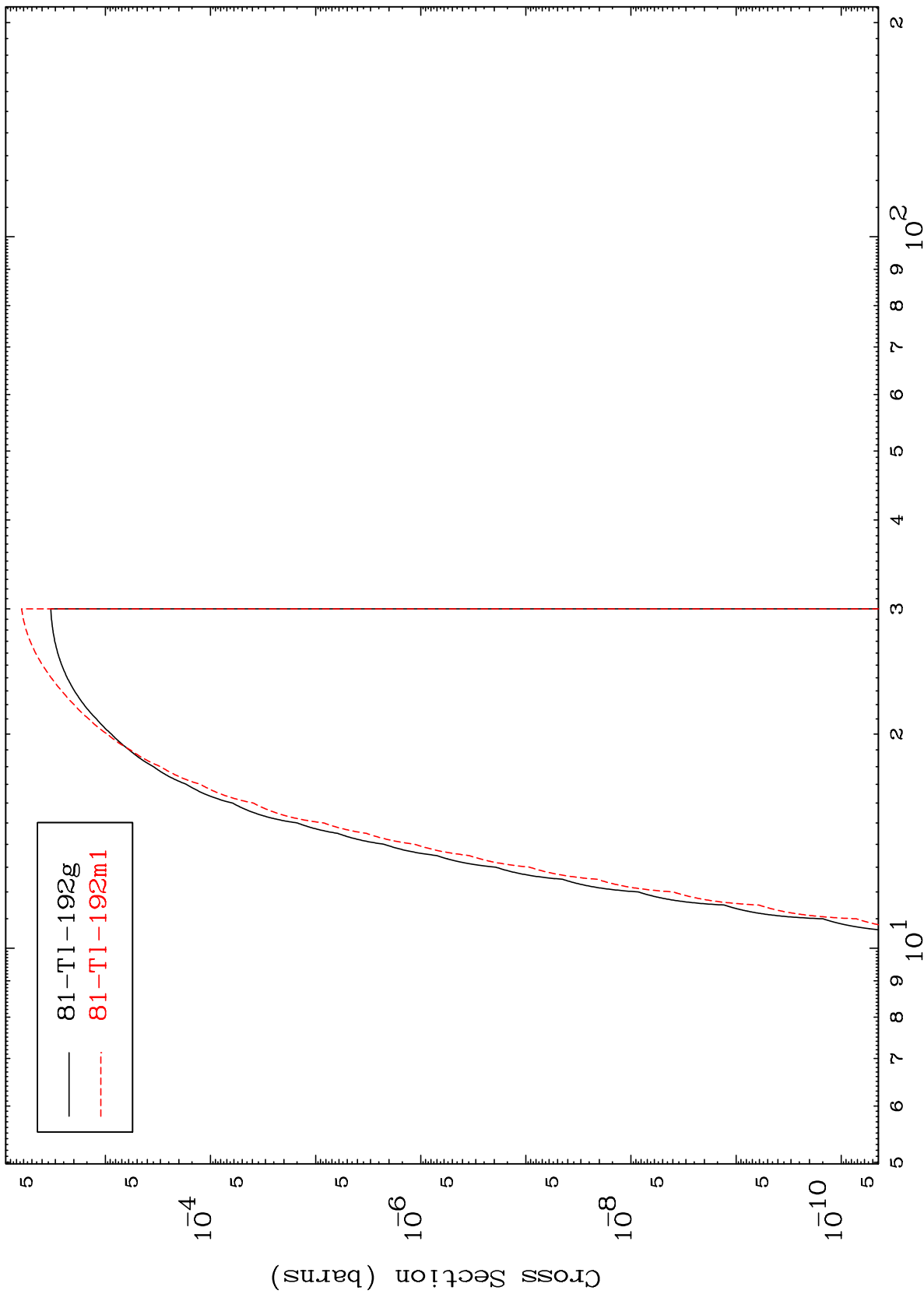
Incident Energy (MeV)

114

MAT 8195

82-Pb-194

(n, t)
Radionuclide Production Cross Section



81-Tl-192g
81-Tl-192m1

82-Pb-194

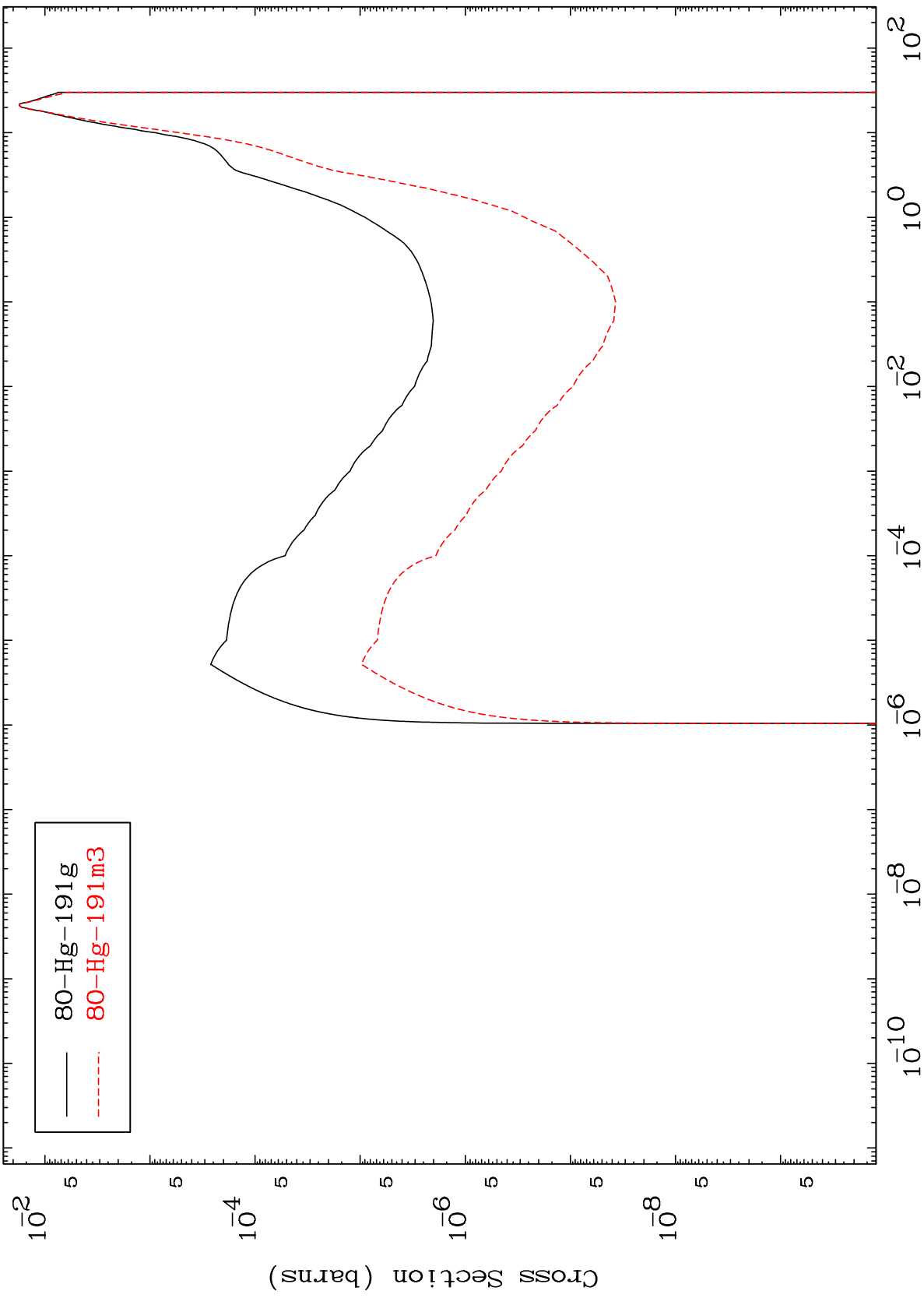
Incident Energy (MeV)

115

MAT 8195

82-Pb-194

Radionuclide Production Cross Section
(n, α)



116

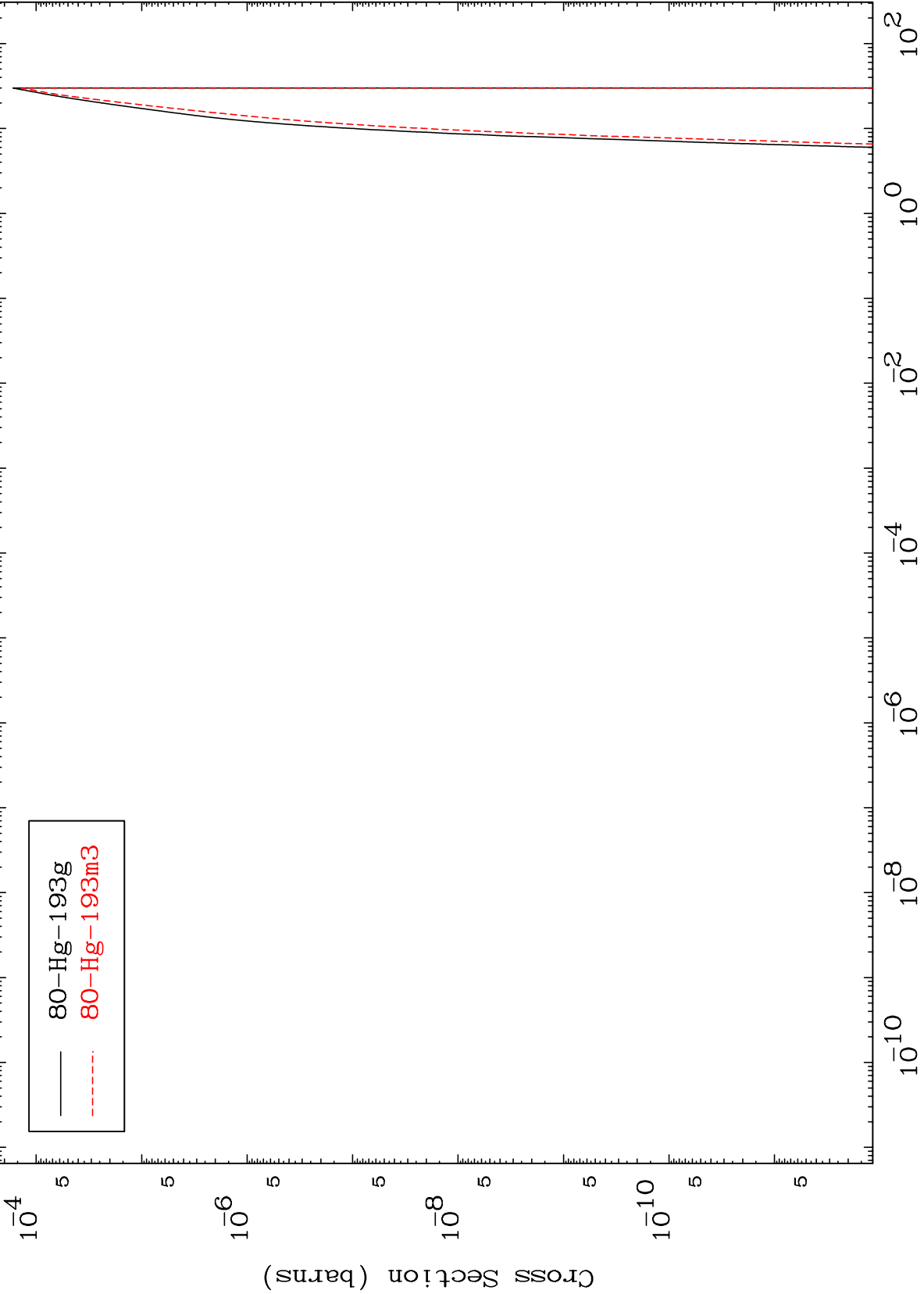
82-Pb-194

MAT 8195

(n,2p)

82-Pb-194

Radionuclide Production Cross Section



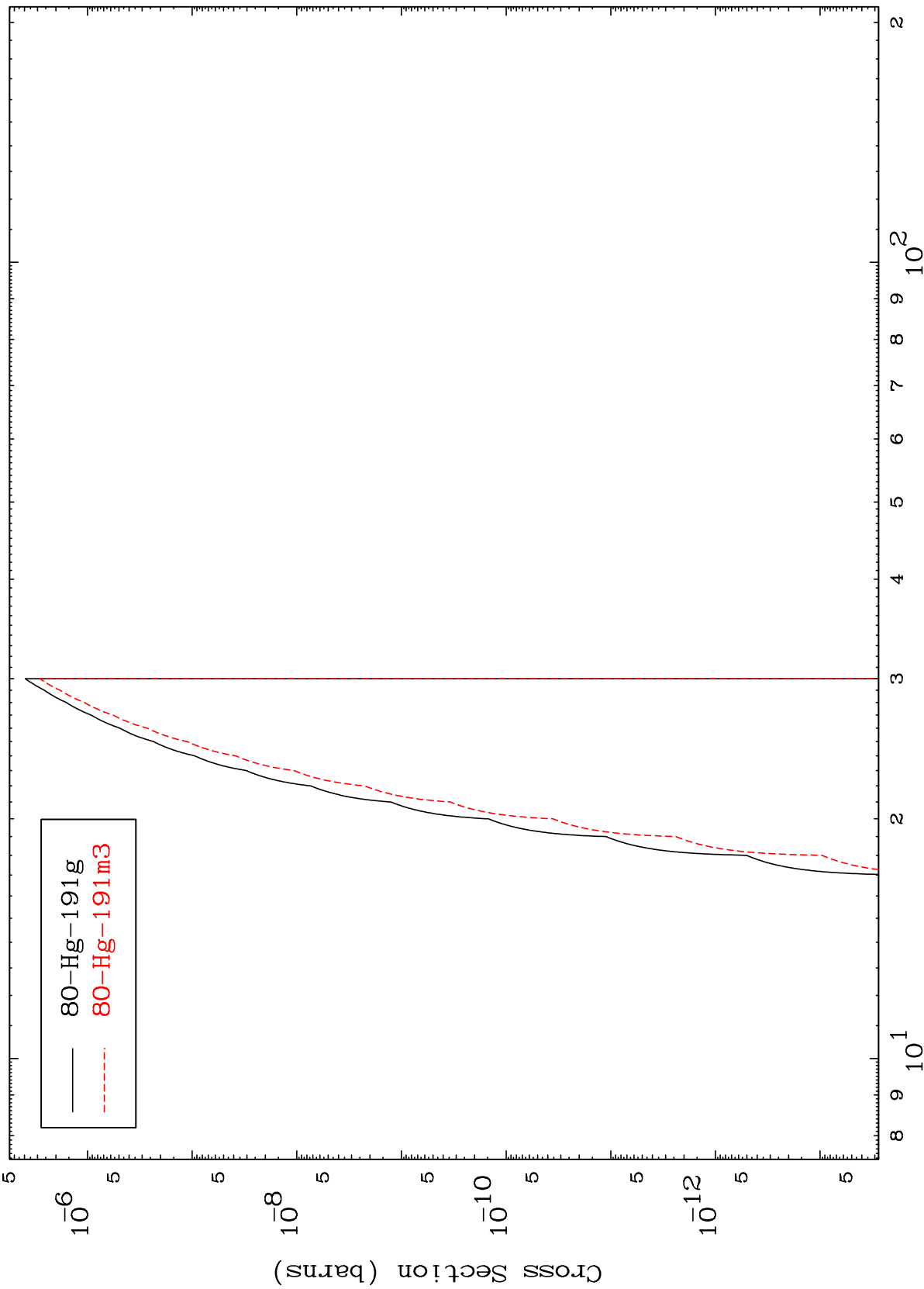
80-Hg-193g
80-Hg-193m3

MAT 8195

(n,p) t

82-Pb-194

Radionuclide Production Cross Section



80-Hg-191g
80-Hg-191m3

118

Incident Energy (MeV)

82-Pb-194

MAT 8195

(n,d) α

82-Pb-194

Radionuclide Production Cross Section

