

Program EVALPLOT
(Version 2018-1)

by

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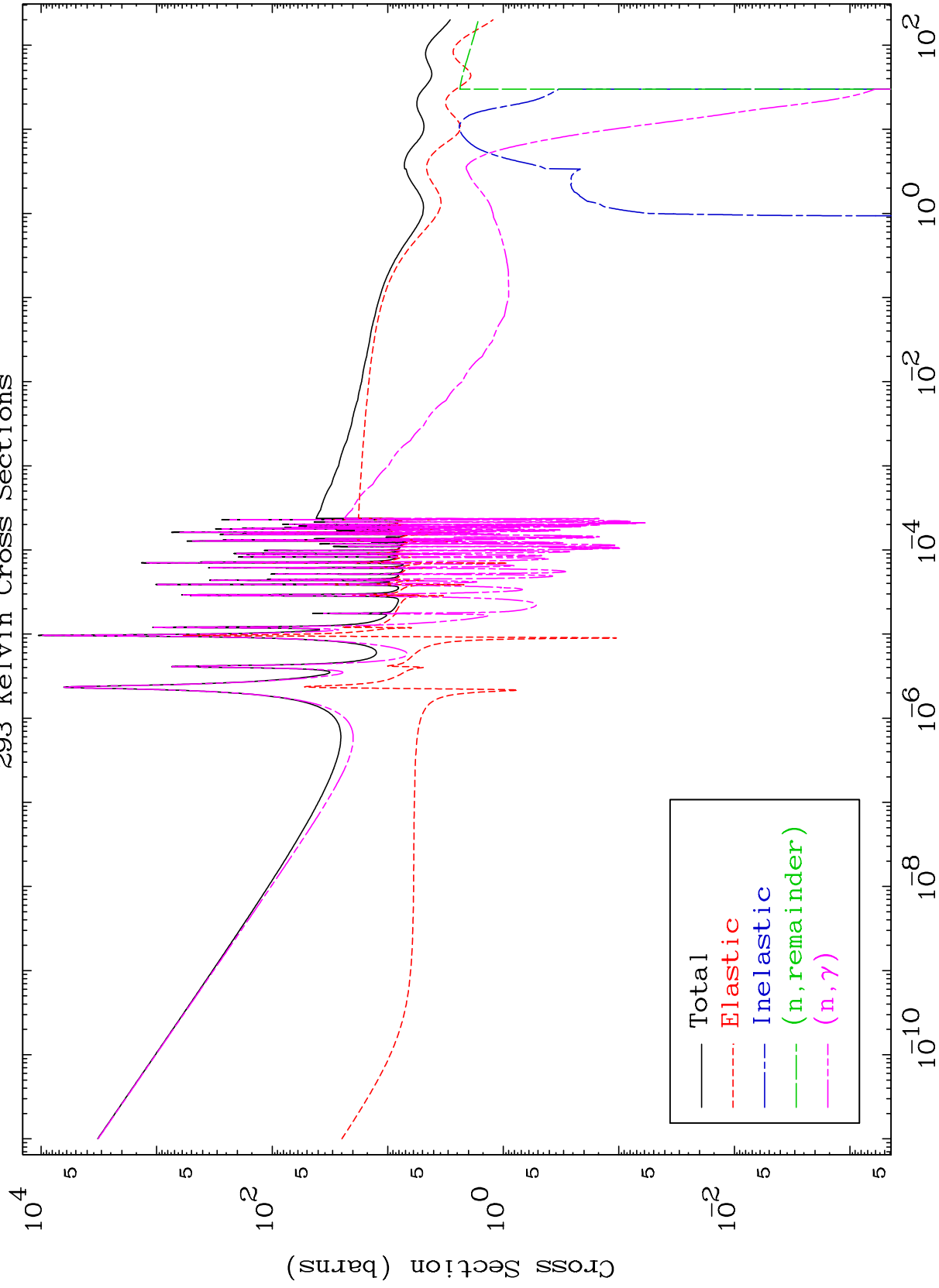
Press Mouse Button to Start

MAT 8195

Major

293 Kelvin Cross Sections

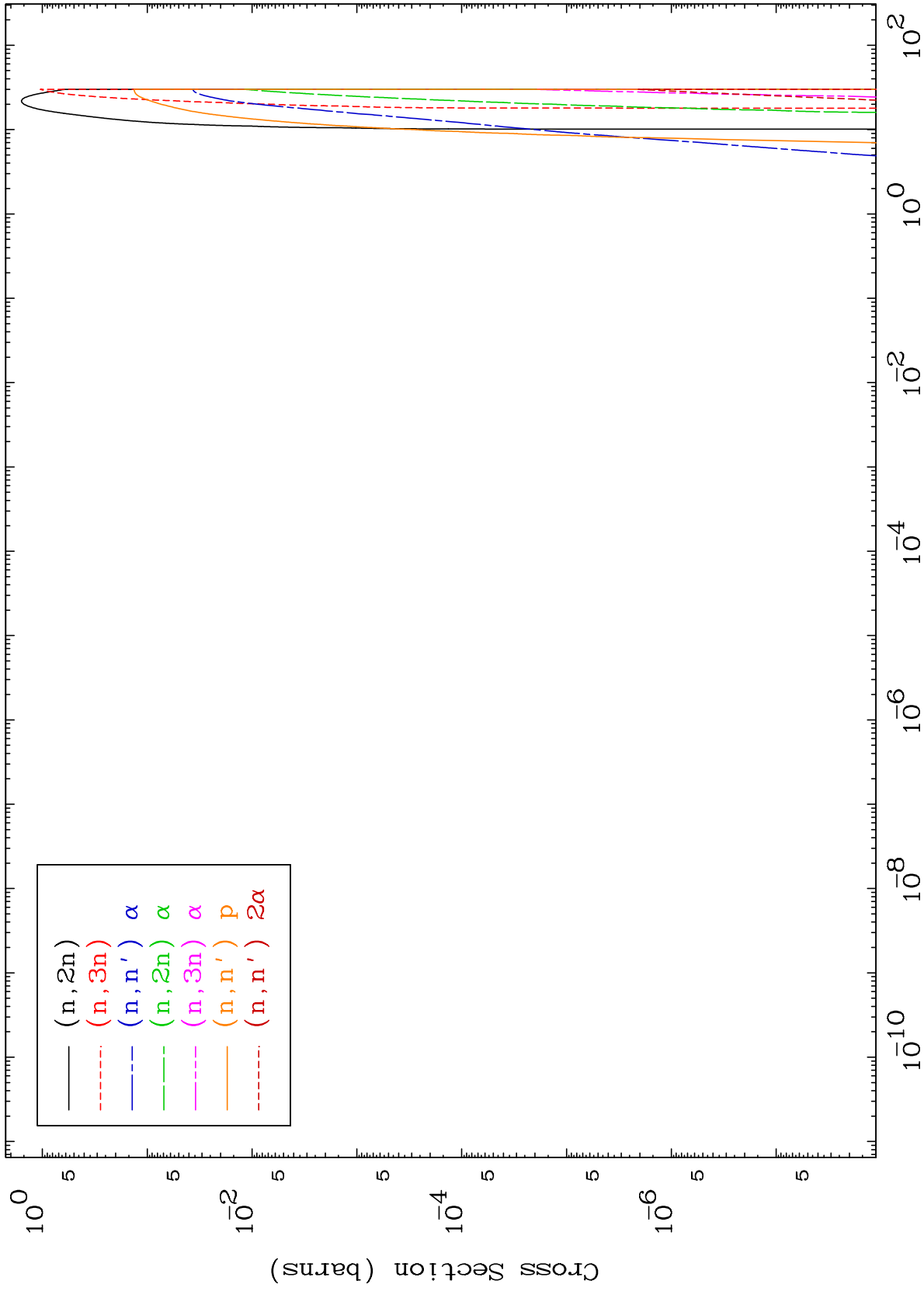
82-Pb-194



MAT 8195

Neutron Production
293 Kelvin Cross Sections

82-Pb-194



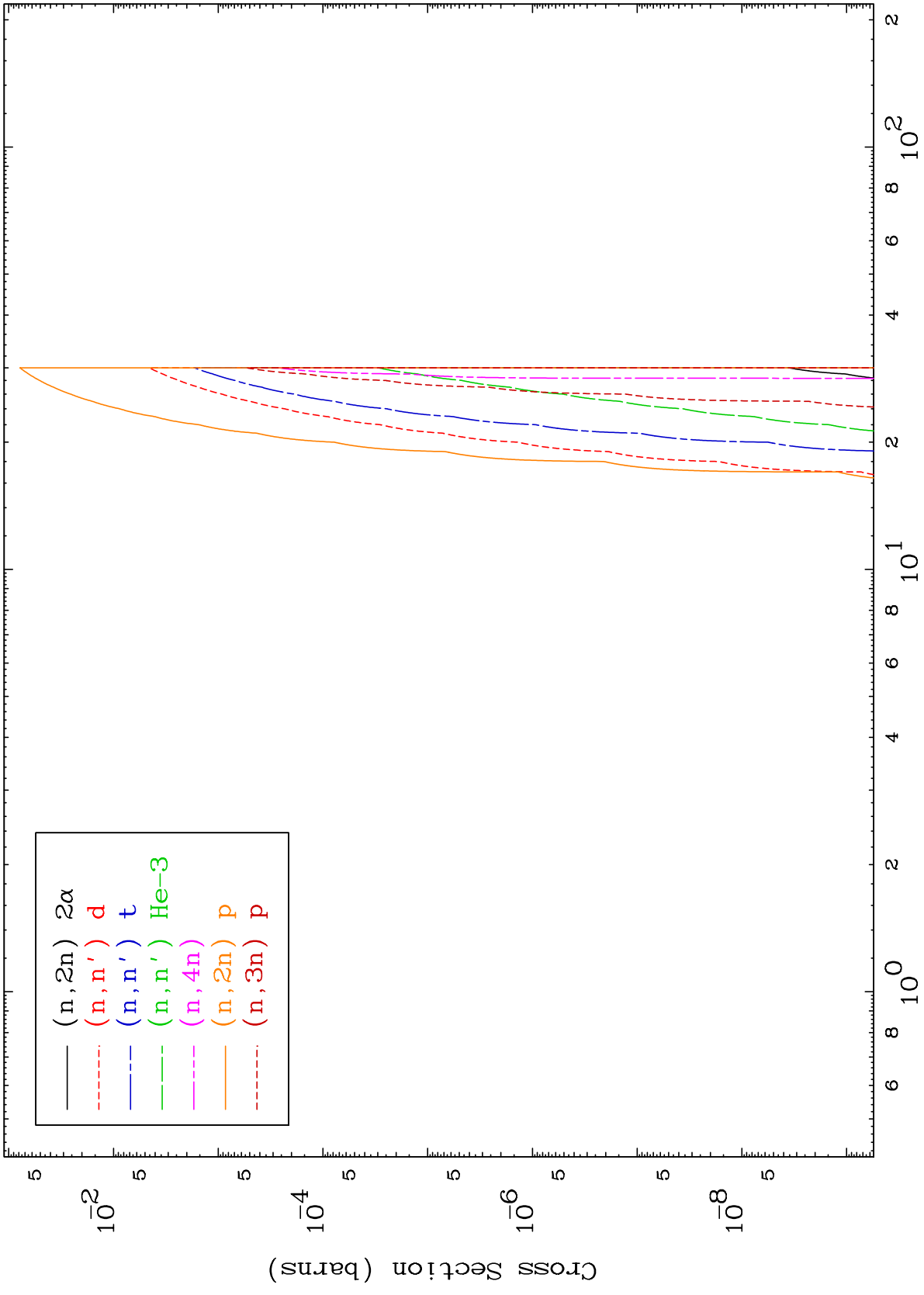
2

82-Pb-194

MAT 8195

Neutron Production
293 Kelvin Cross Sections

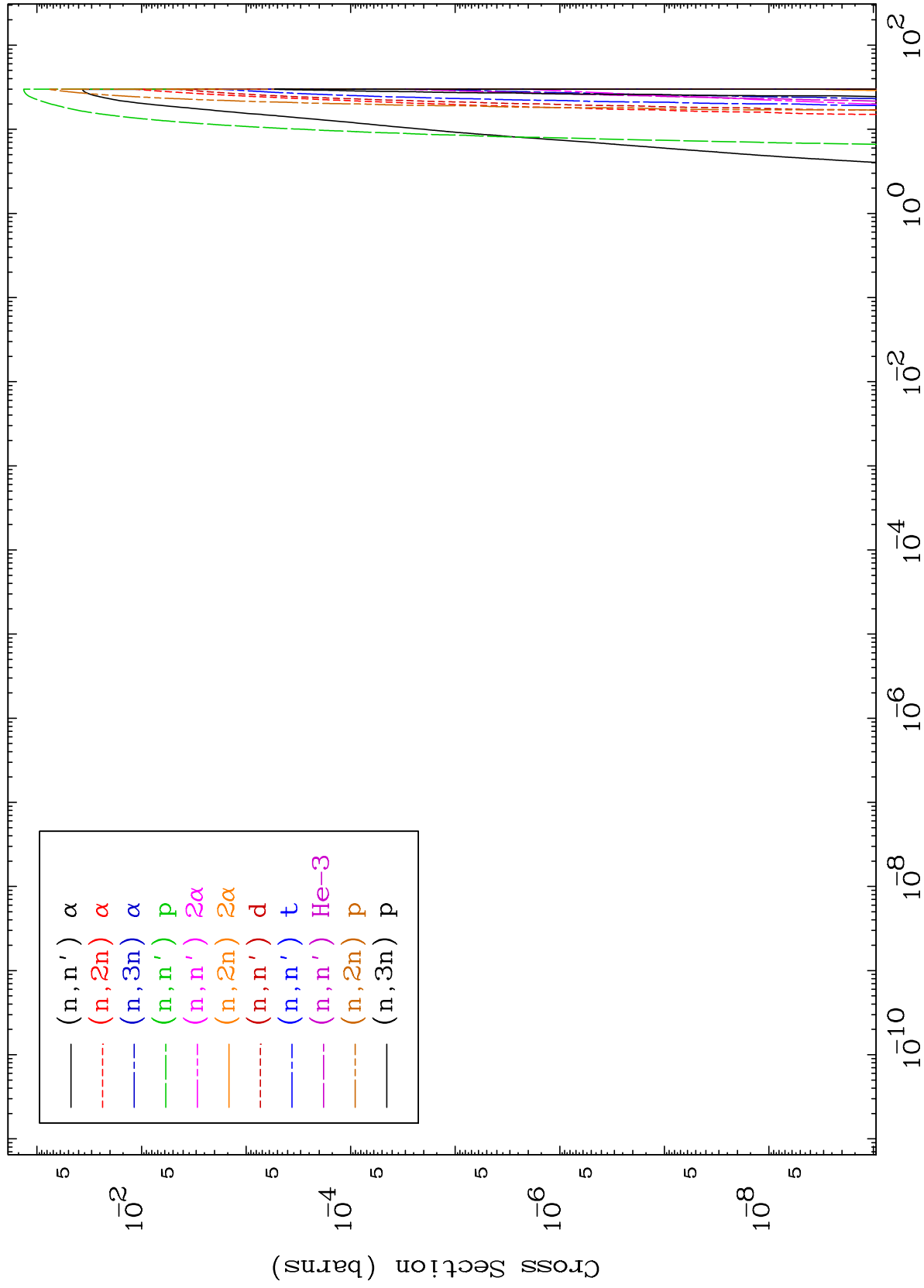
82-Pb-194



MAT 8195

293 Kelvin Cross Sections

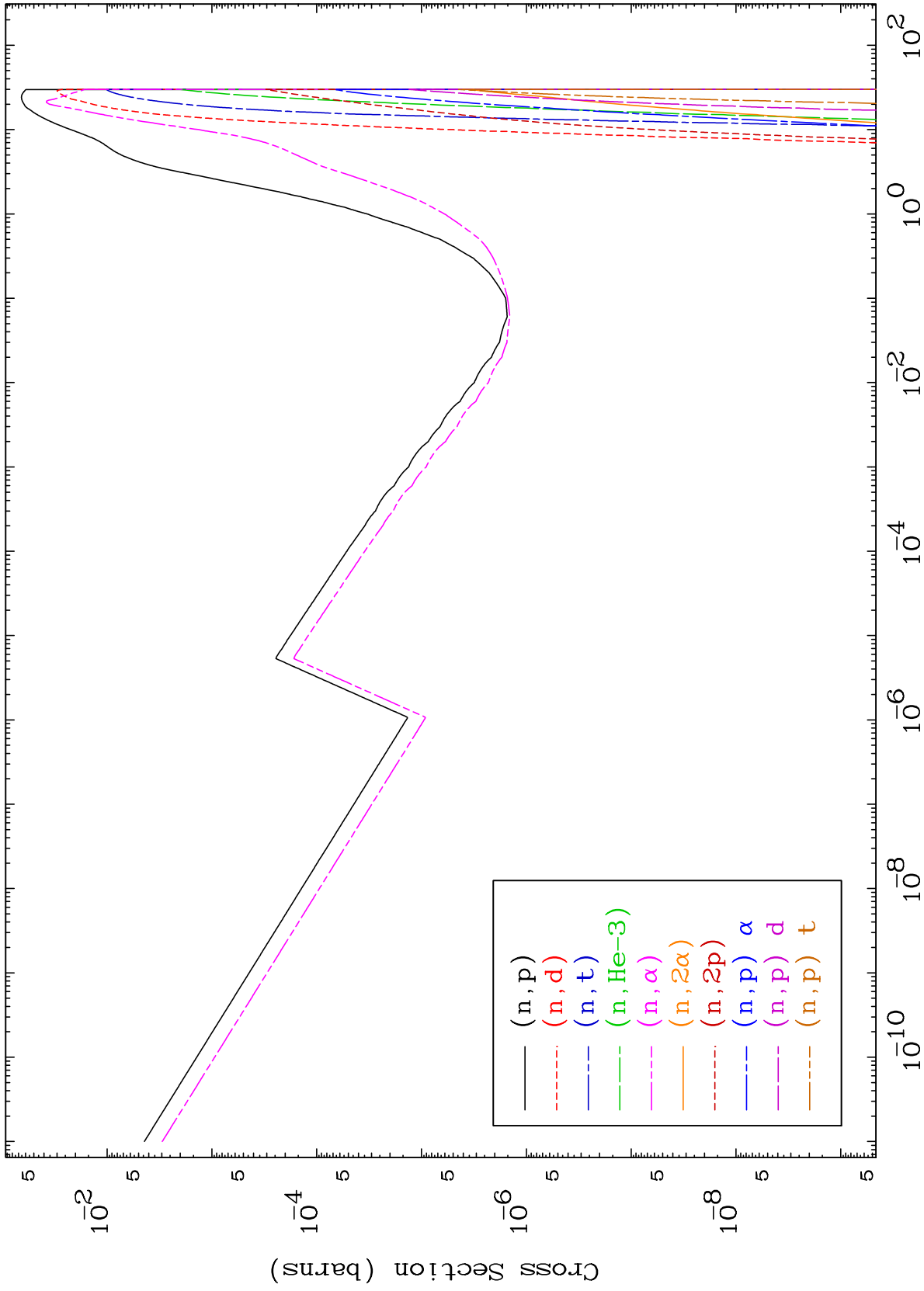
82-Pb-194



MAT 8195

293 Kelvin Cross Sections

82-Pb-194



5

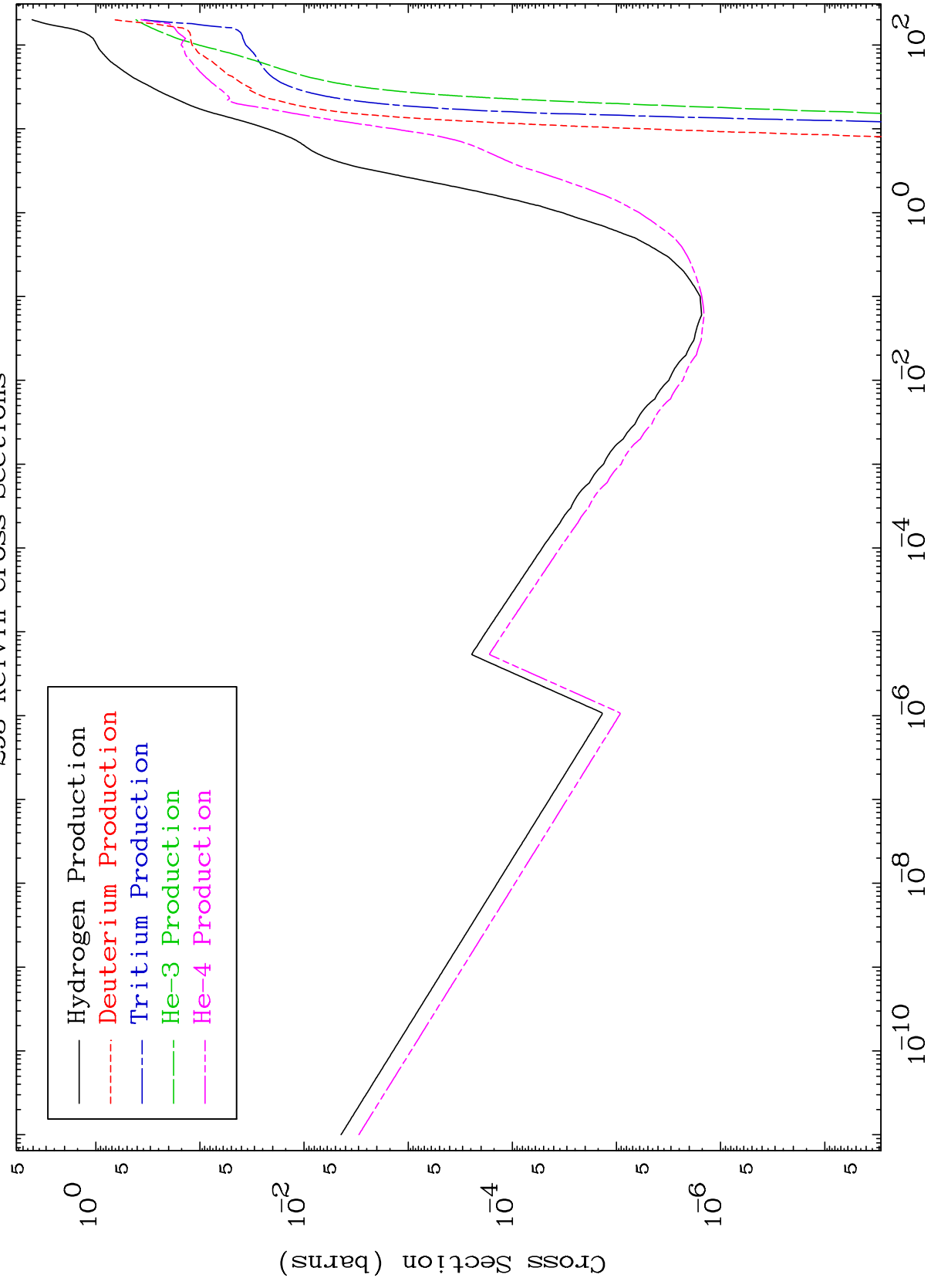
Incident Energy (MeV)

82-Pb-194

MAT 8195

Particle Production
293 Kelvin Cross Sections

82-Pb-194



6

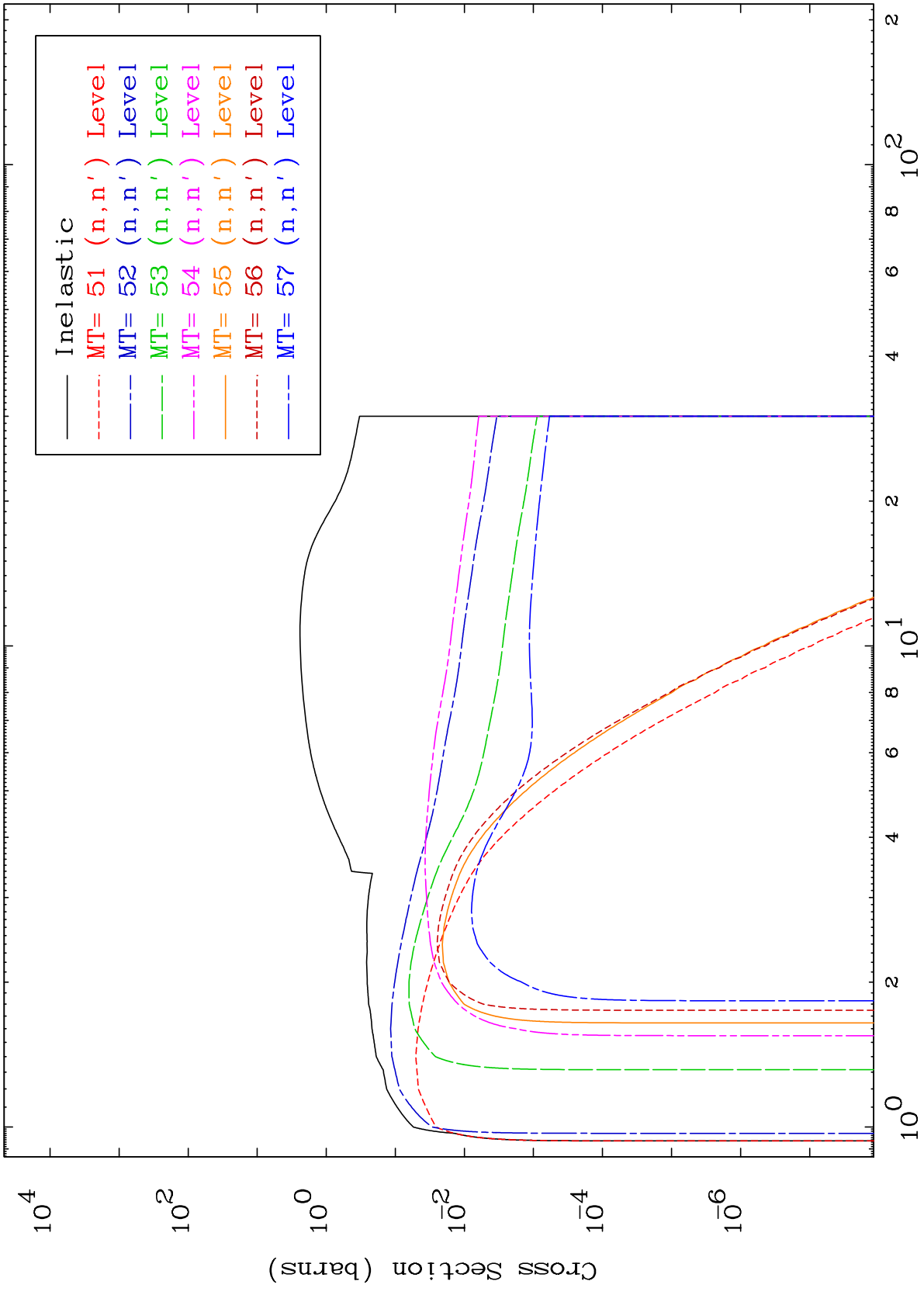
82-Pb-194

MAT 8195

(n,n') Level

82-Pb-194

293 Kelvin Cross Sections



7

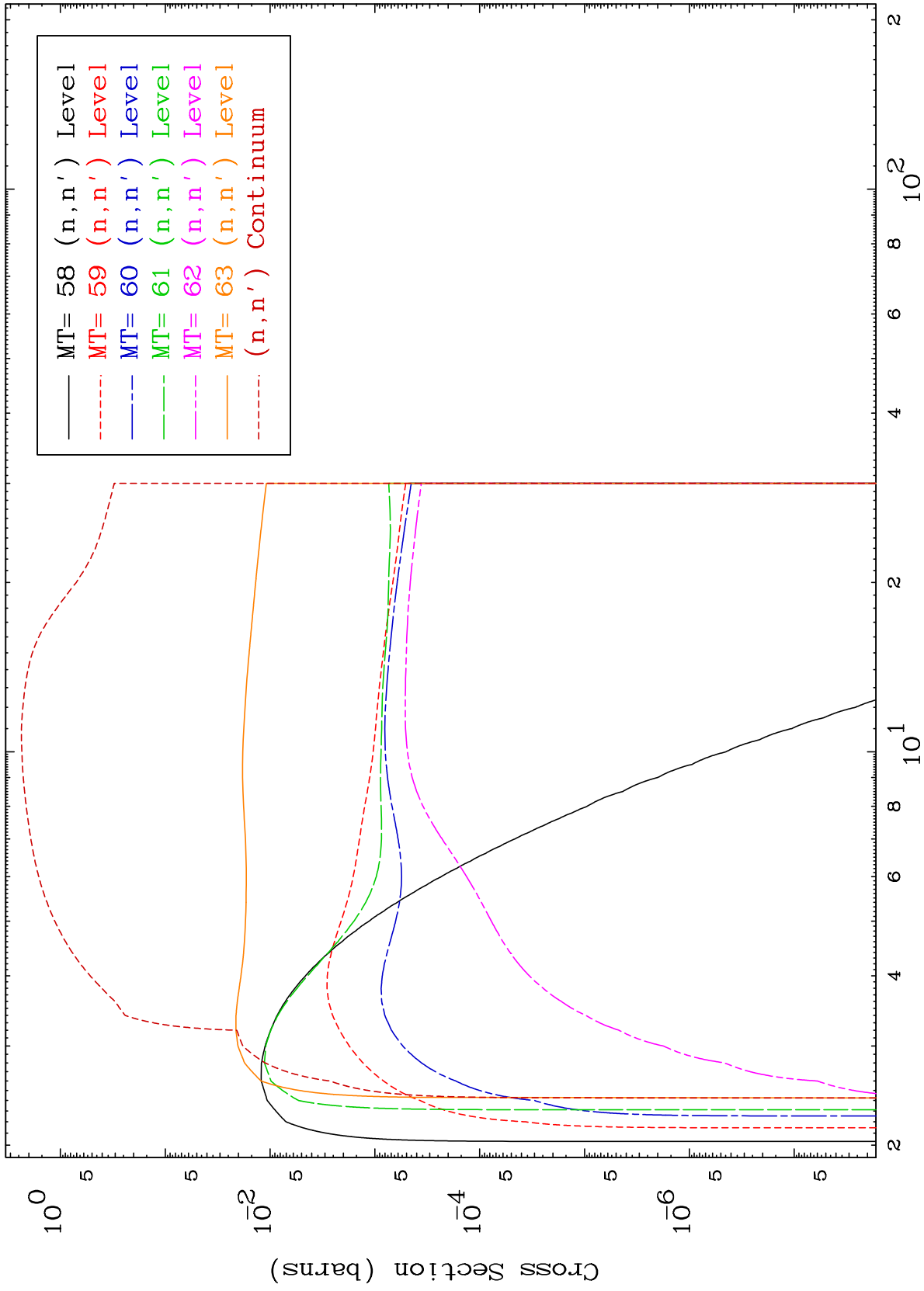
Incident Energy (MeV)

82-Pb-194

MAT 8195

(n,n') Level
293 Kelvin Cross Sections

82-Pb-194



8

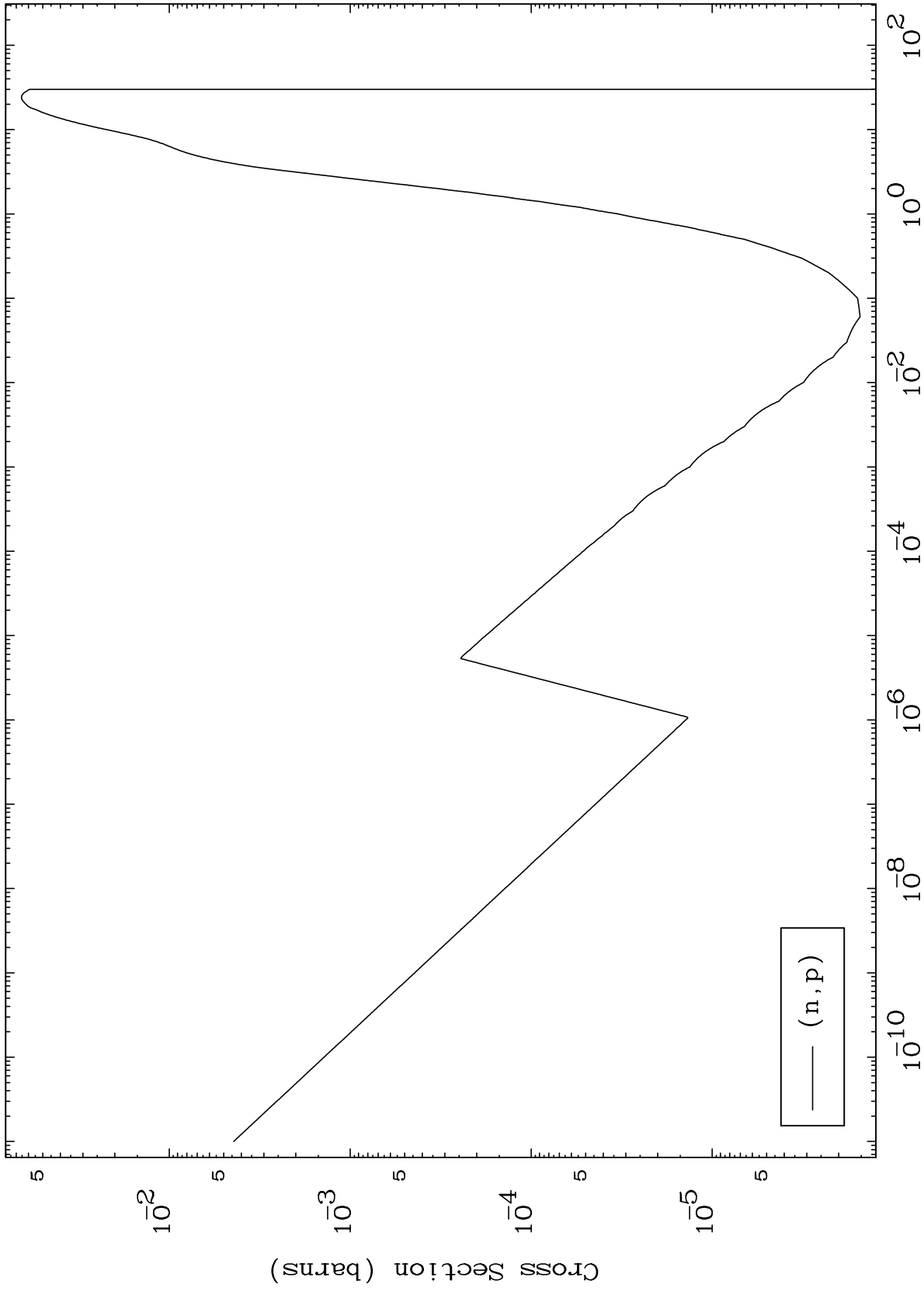
Incident Energy (MeV)

82-Pb-194

MAT 8195

(n,p) Levels
293 Kelvin Cross Sections

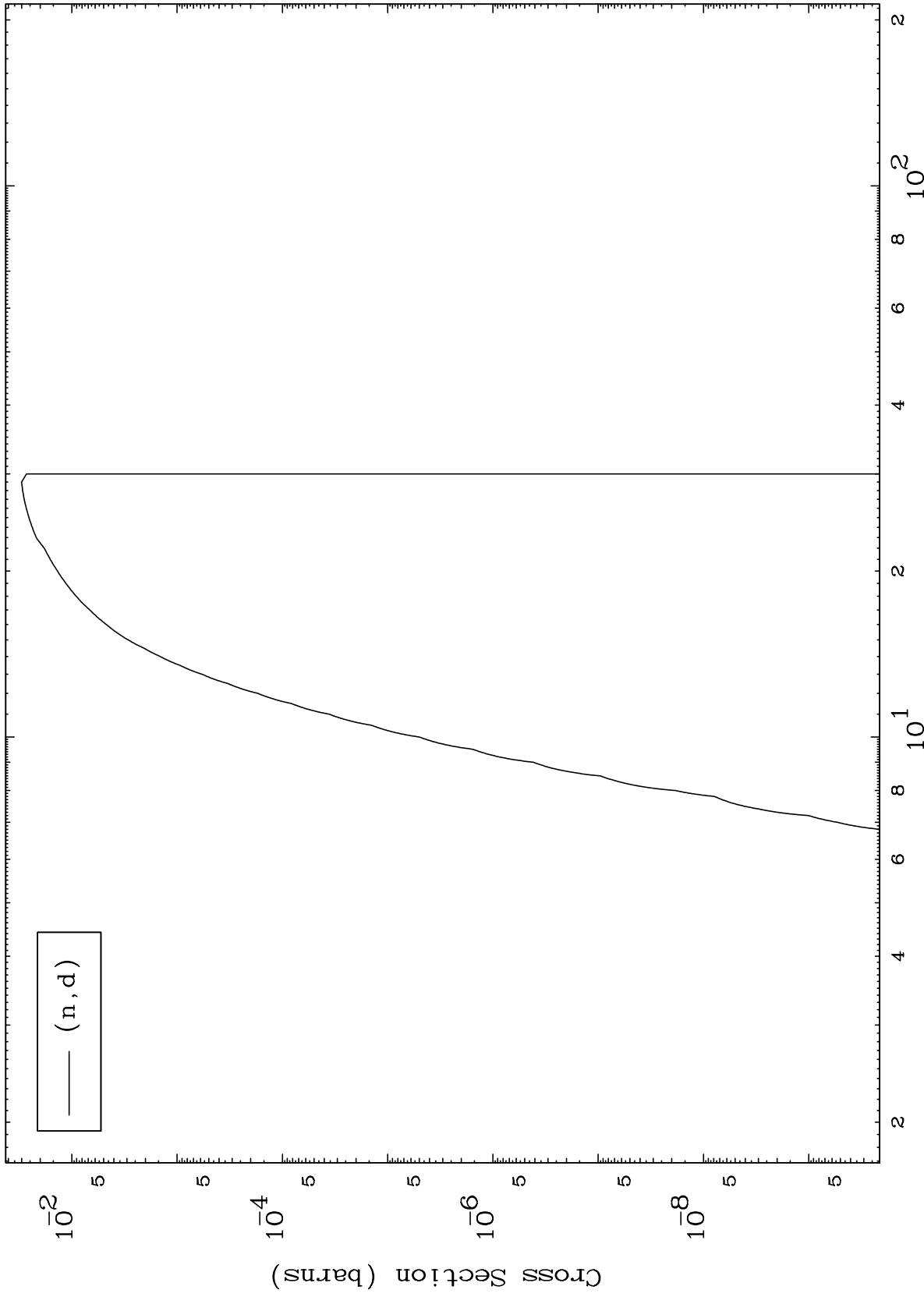
82-Pb-194



MAT 8195

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-194



10

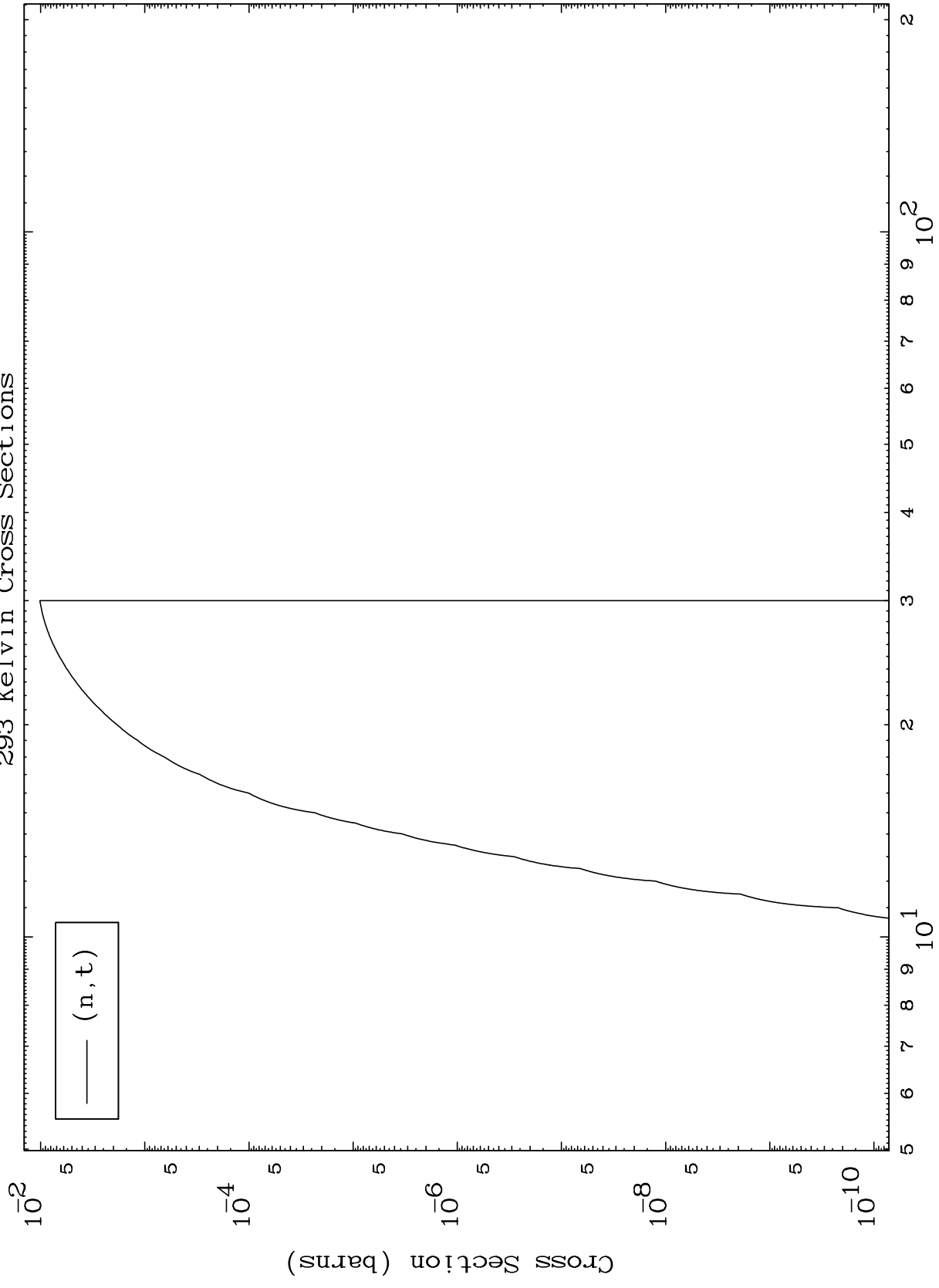
Incident Energy (MeV)

82-Pb-194

MAT 8195

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-194



11

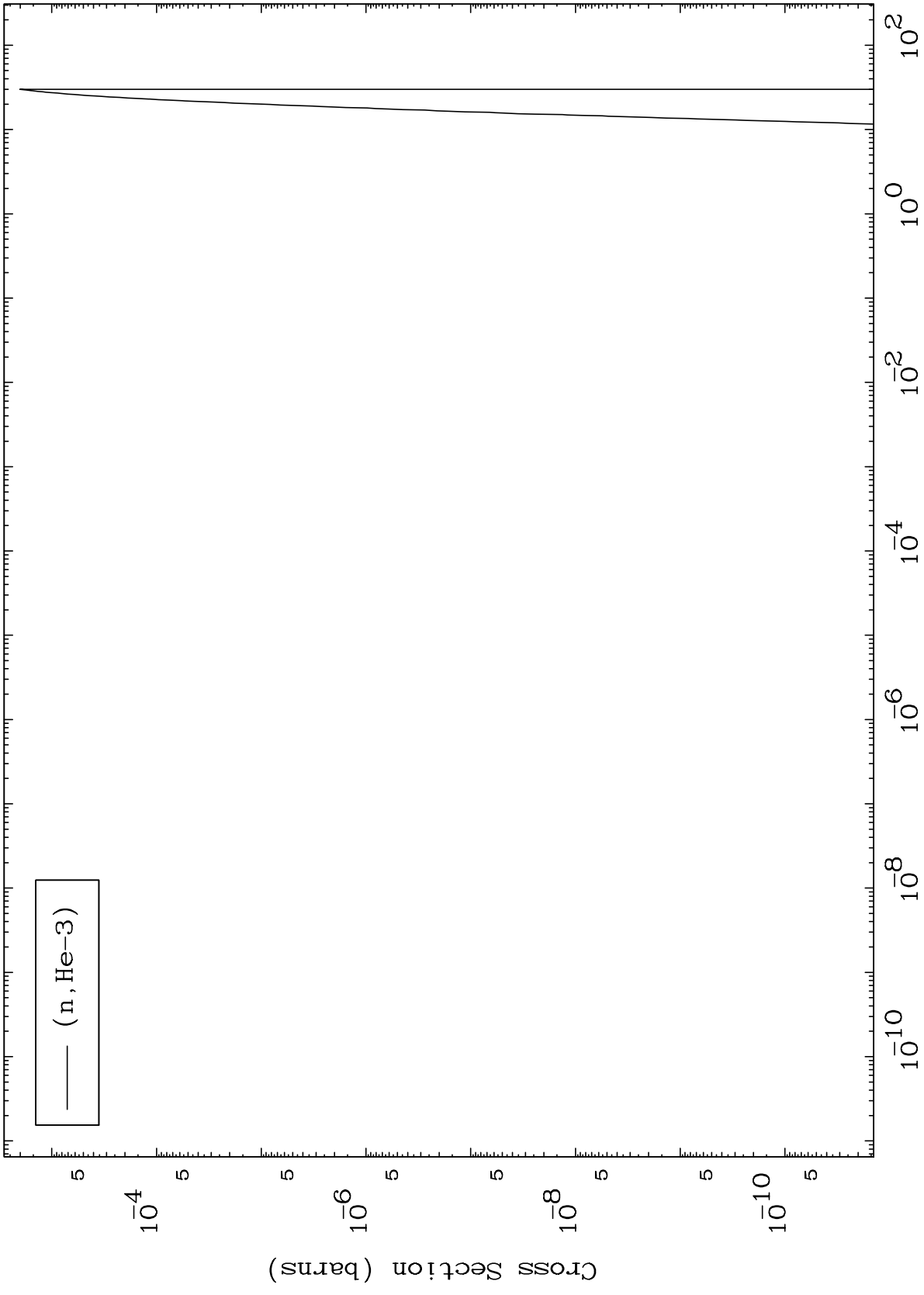
Incident Energy (MeV)

82-Pb-194

MAT 8195

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-194

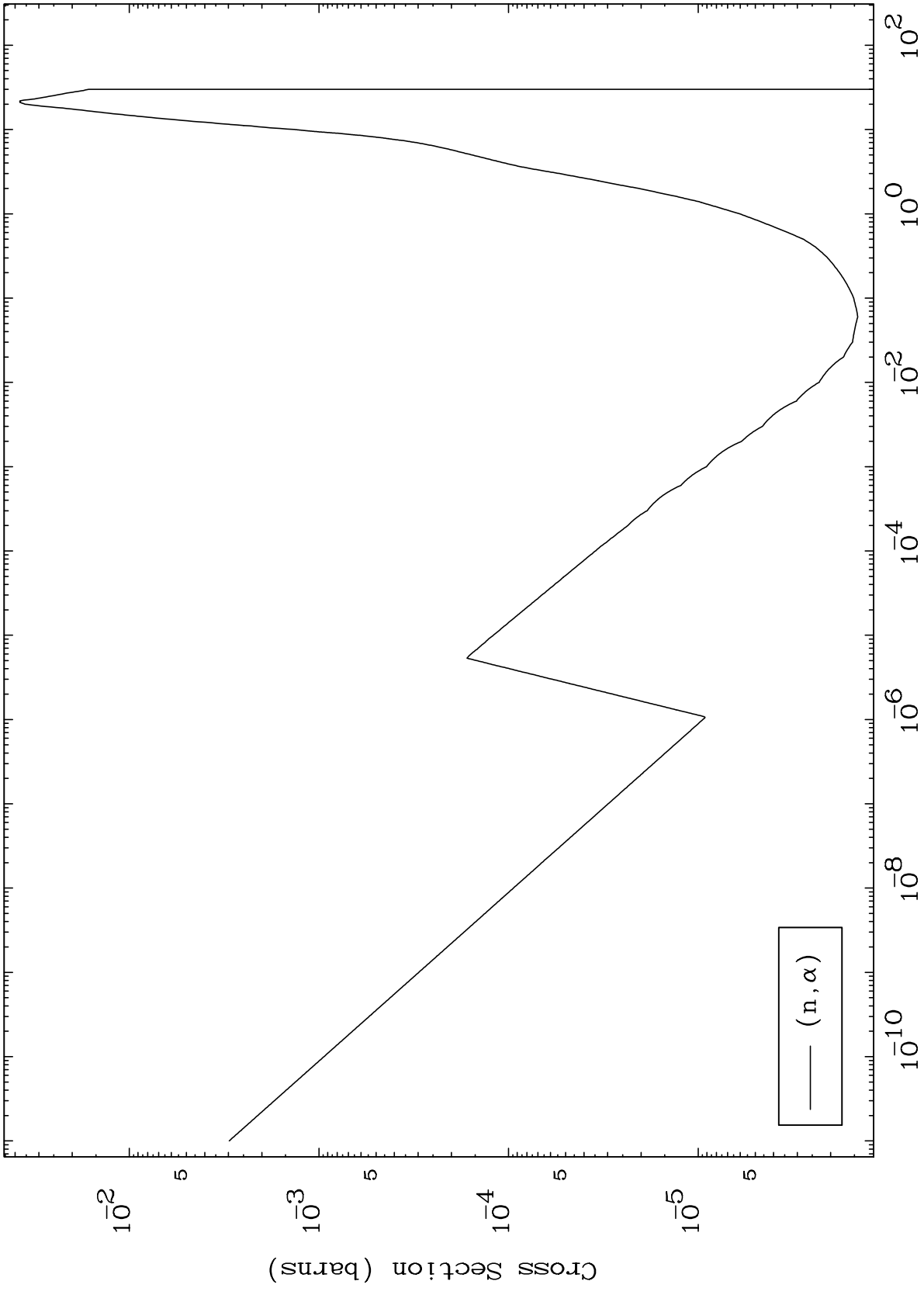


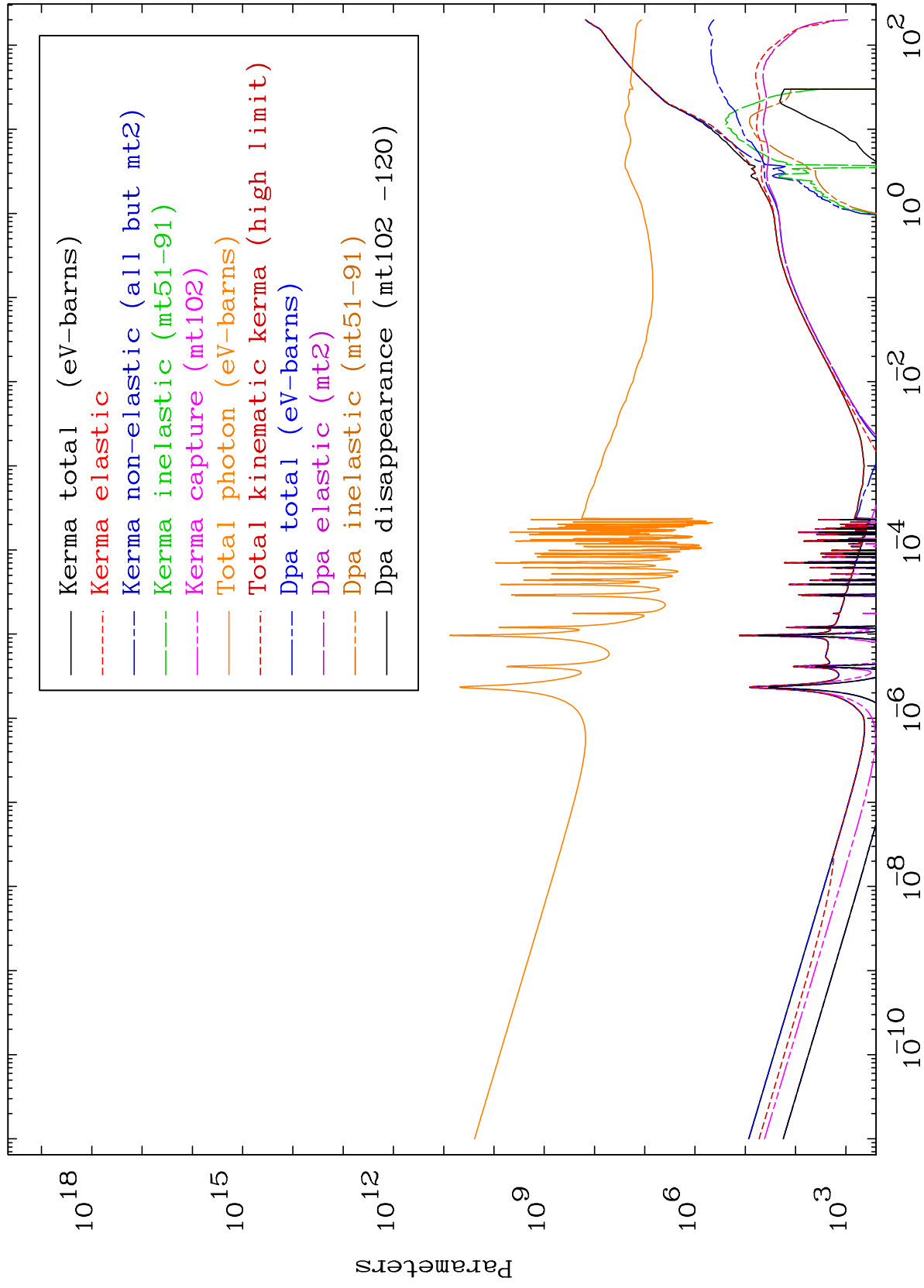
82-Pb-194

MAT 8195

(n,α) Levels
293 Kelvin Cross Sections

82-Pb-194

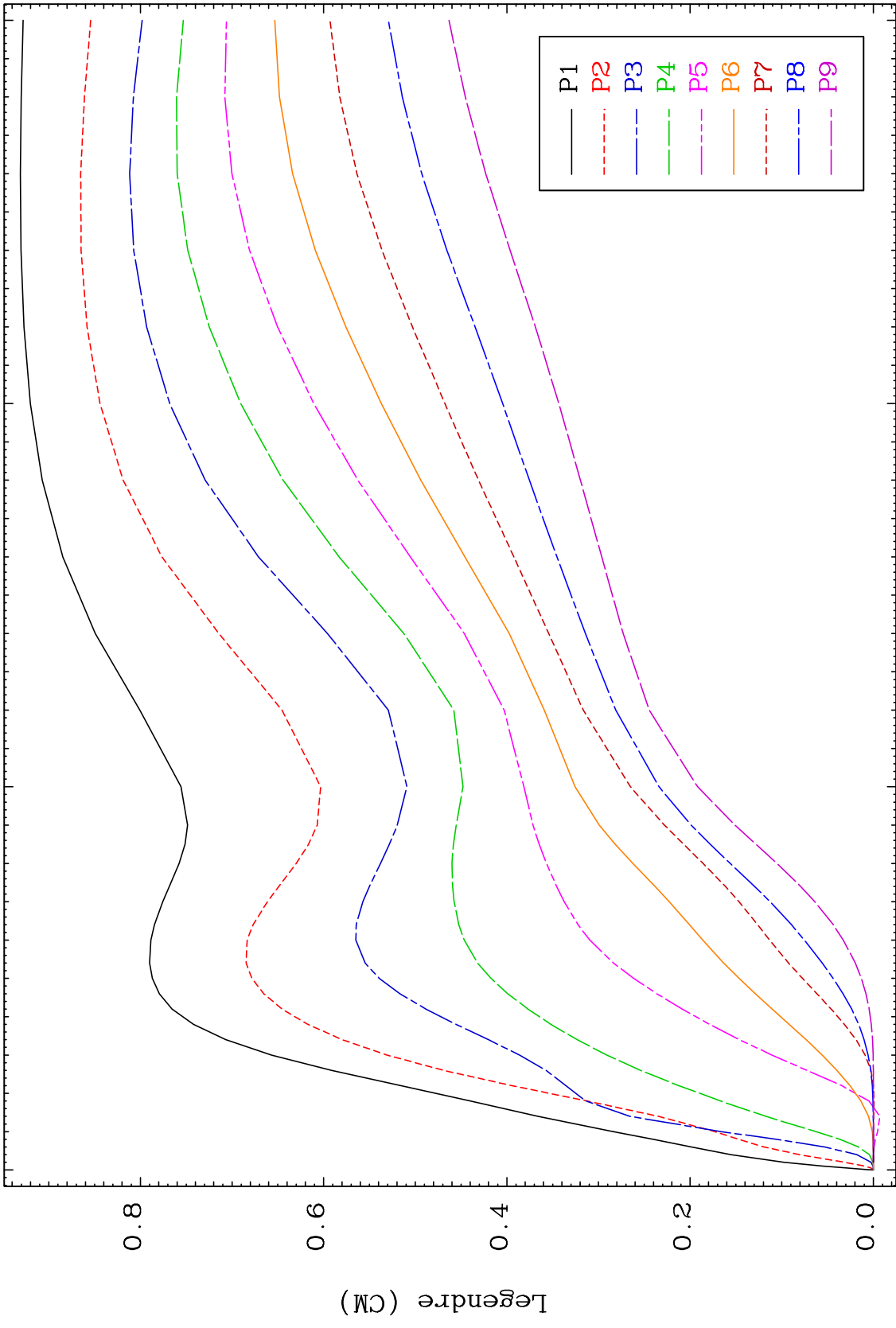




MAT 8195

Elastic Legendre Coefficients

82-Pb-194



0

15

10

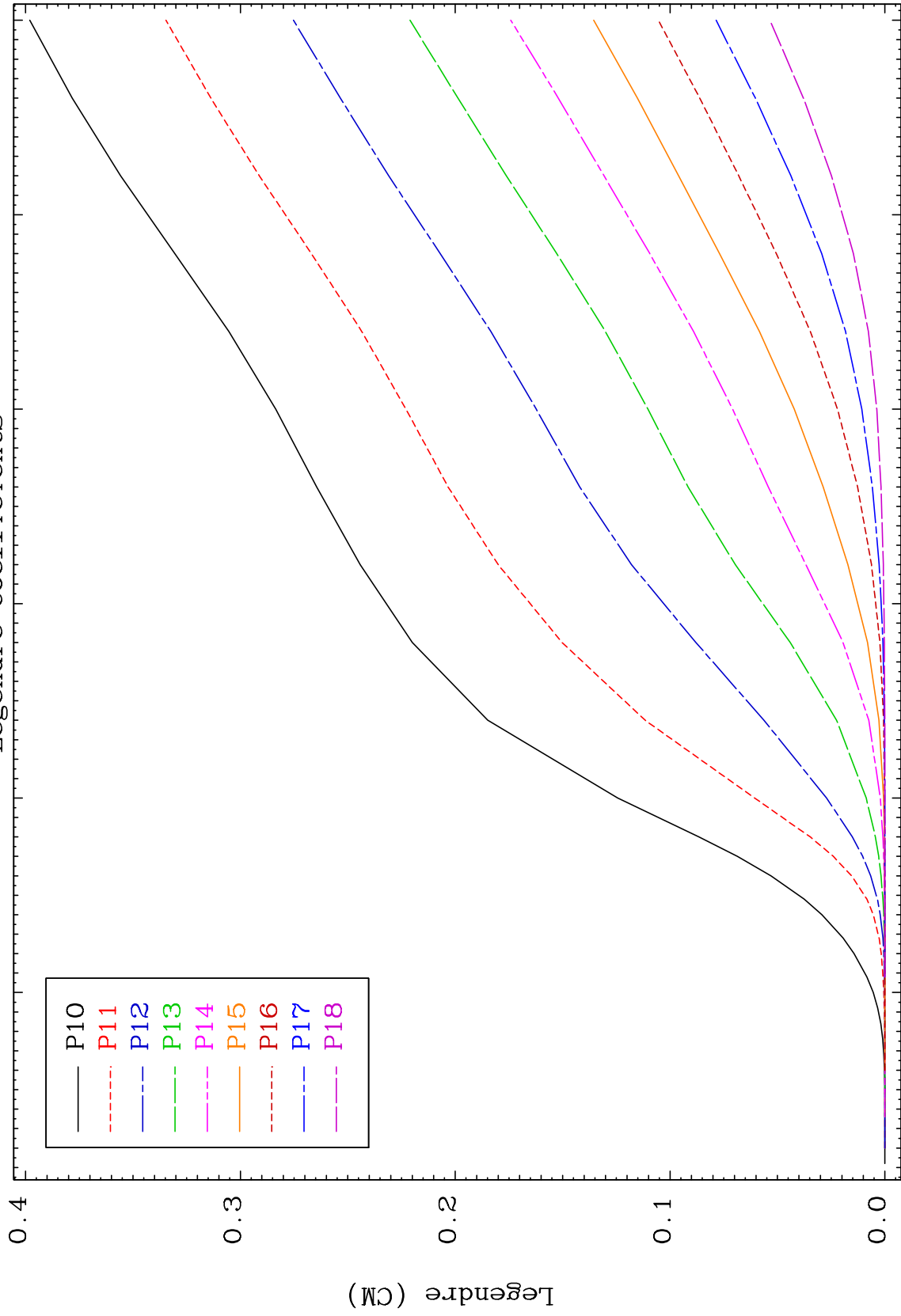
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30

MAT 8195

Elastic Legendre Coefficients

82-Pb-194



16

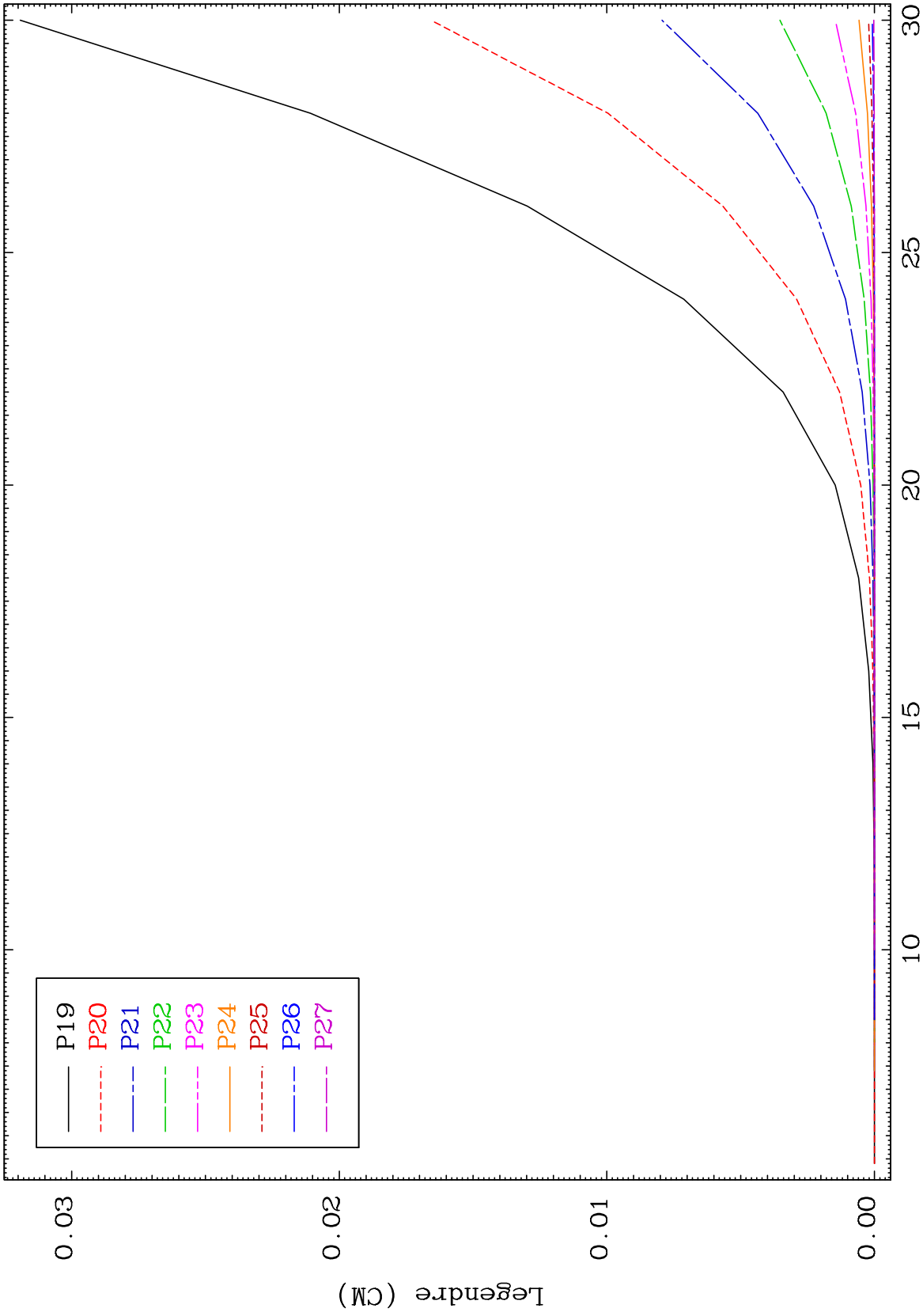
Incident Energy (MeV)

82-Pb-194

MAT 8195

Elastic Legendre Coefficients

82-Pb-194



17

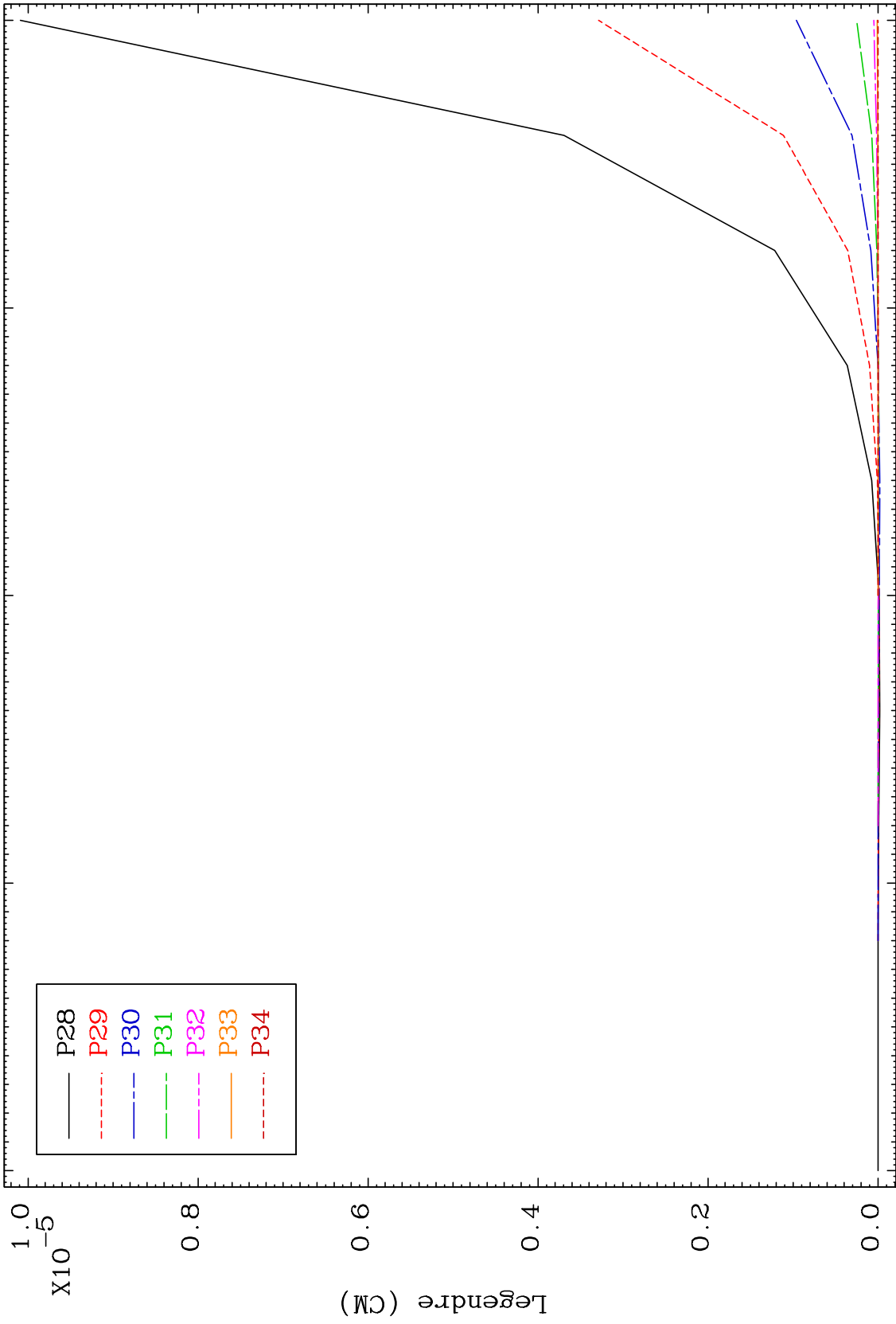
Incident Energy (MeV)

82-Pb-194

MAT 8195

Elastic Legendre Coefficients

82-Pb-194

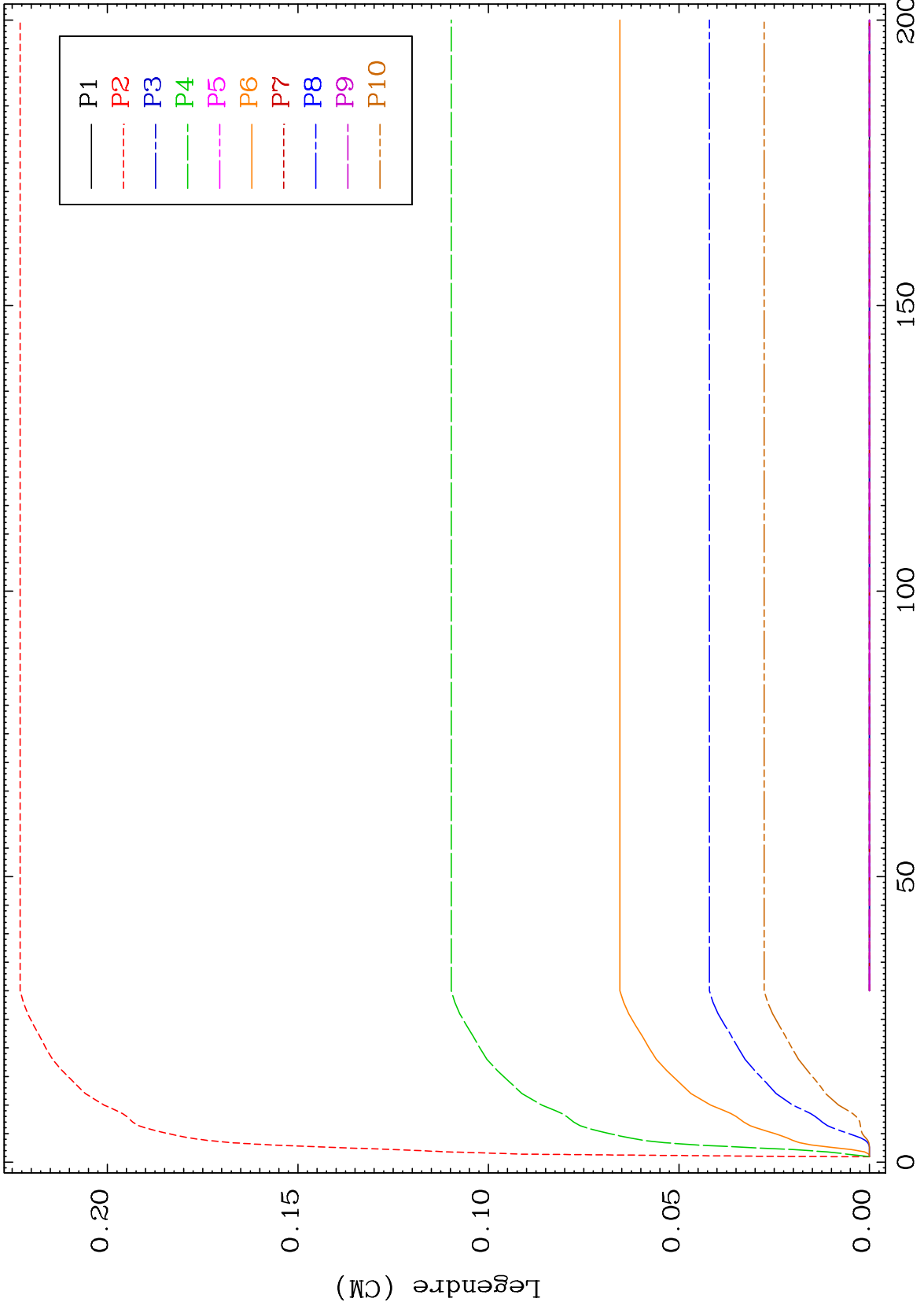


18

Incident Energy (MeV)

82-Pb-194

MAT 8195 MT= 51 (n,n') Level Legendre Coefficients 82-Pb-194

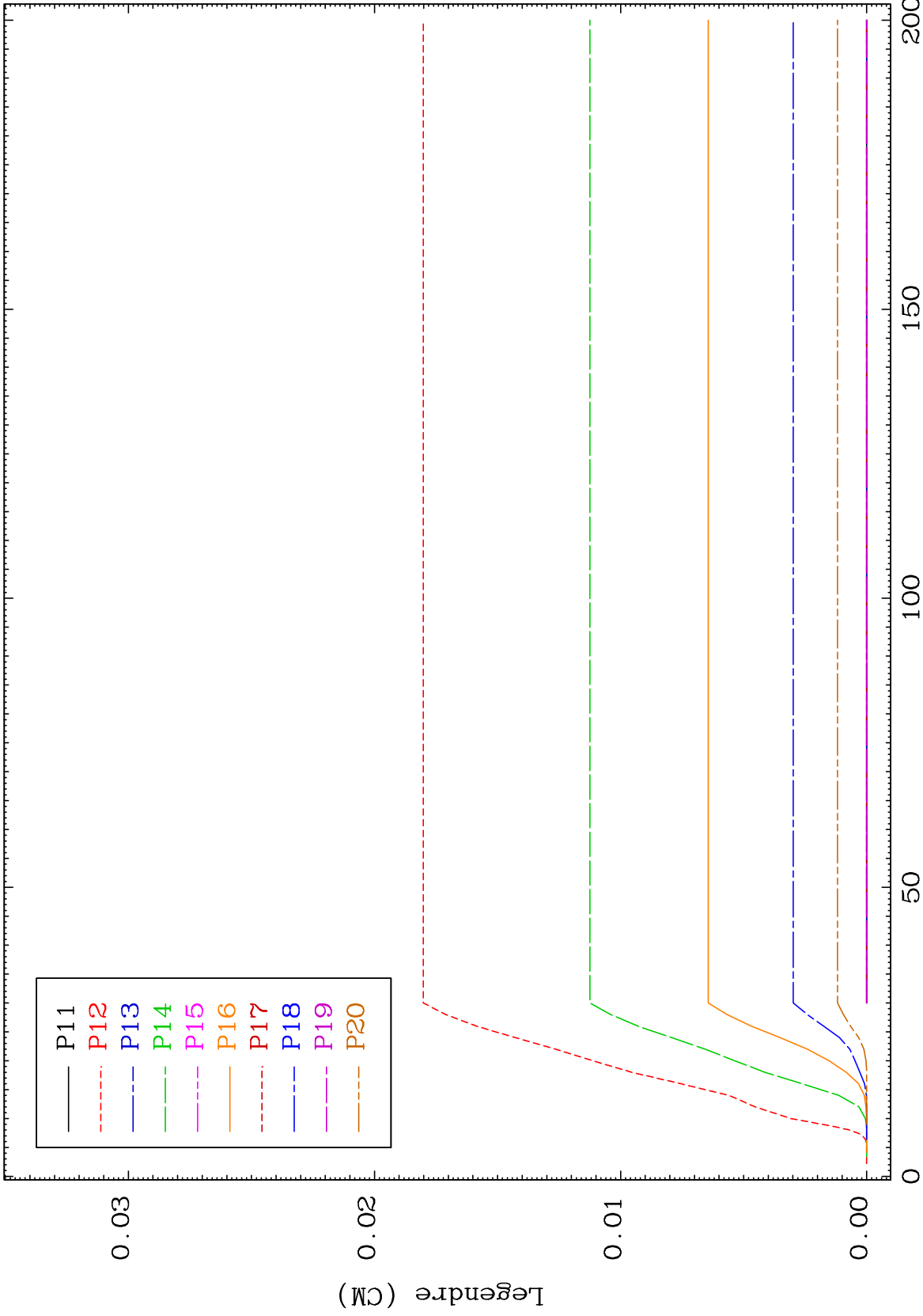


19 Incident Energy (MeV) 82-Pb-194

MAT 8195

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

82-Pb-194



0

0.00

0.01

0.03

Legendre (CM)

Incident Energy (MeV)

50

100

150

200

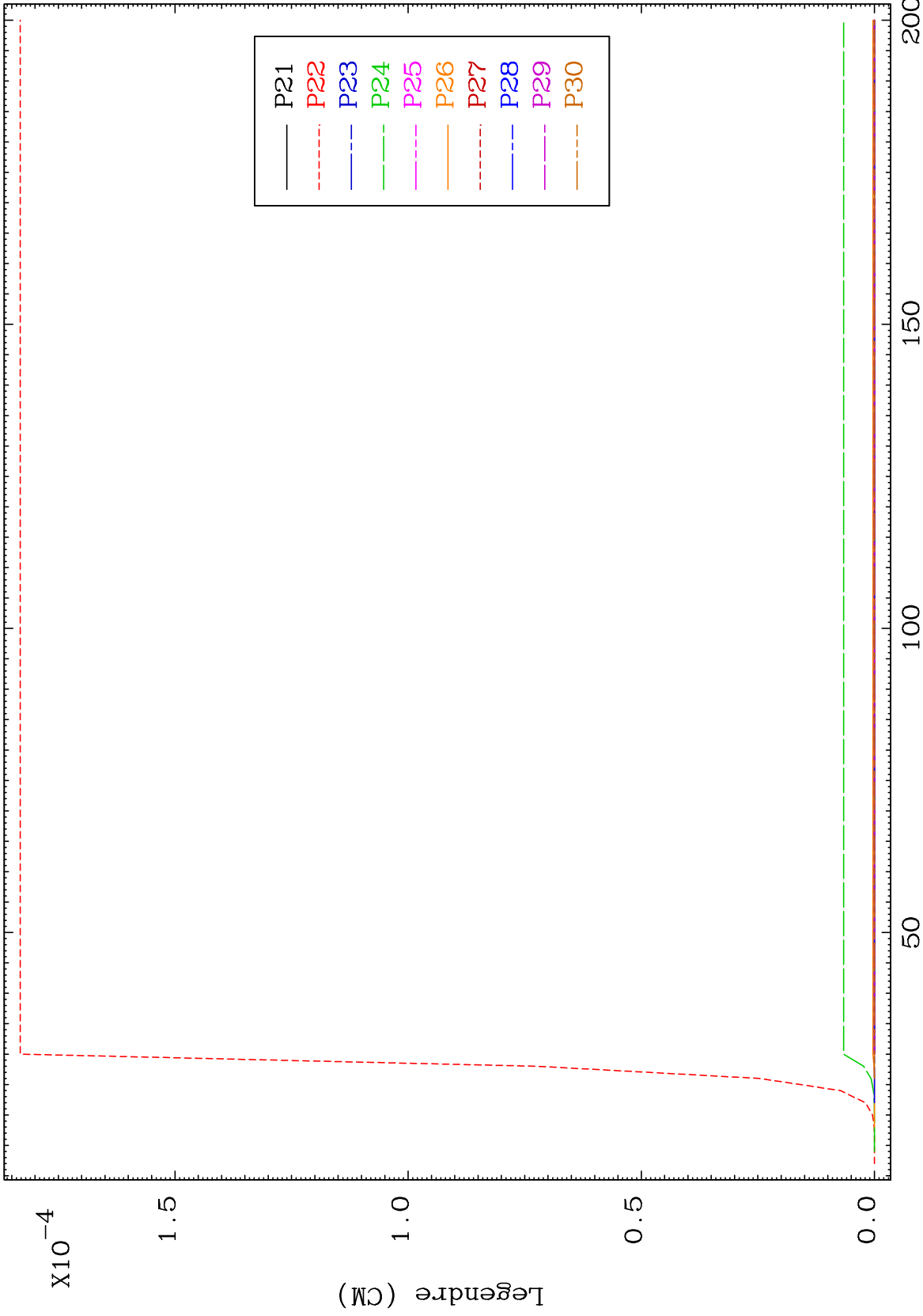
82-Pb-194

MAT 8195

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

82-Pb-194

82-Pb-194

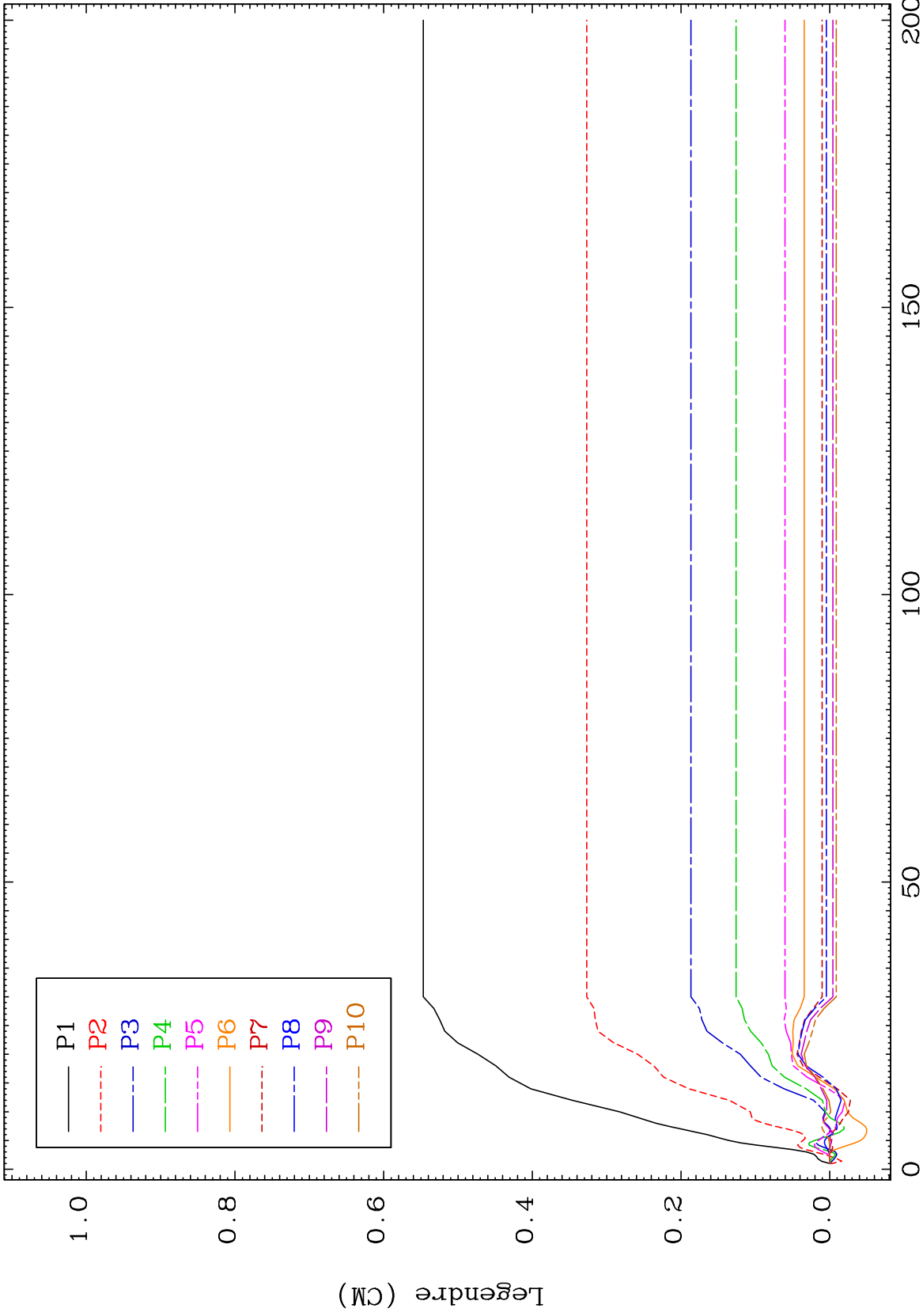


21

MAT 8195

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

82-Pb-194



22

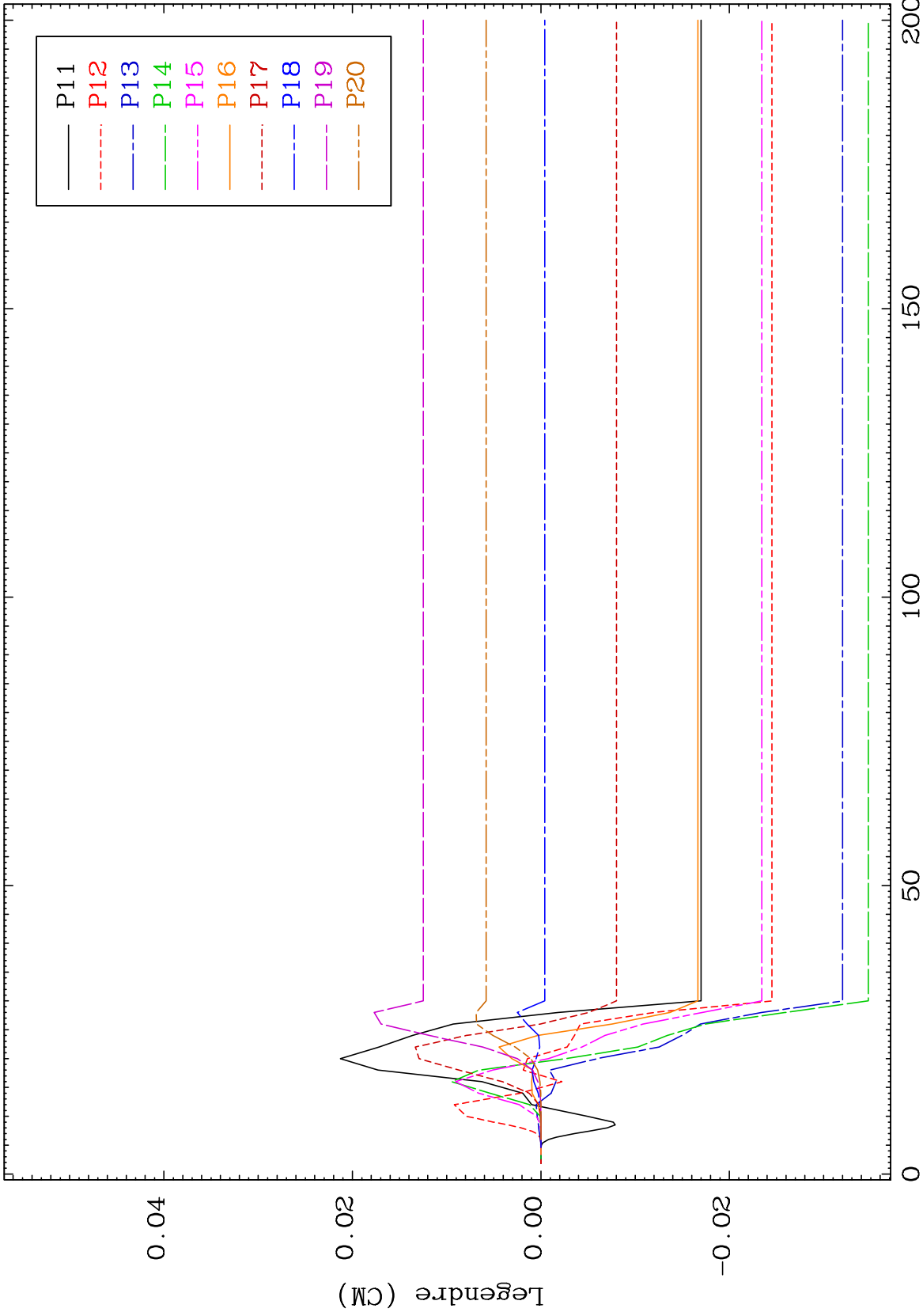
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



23

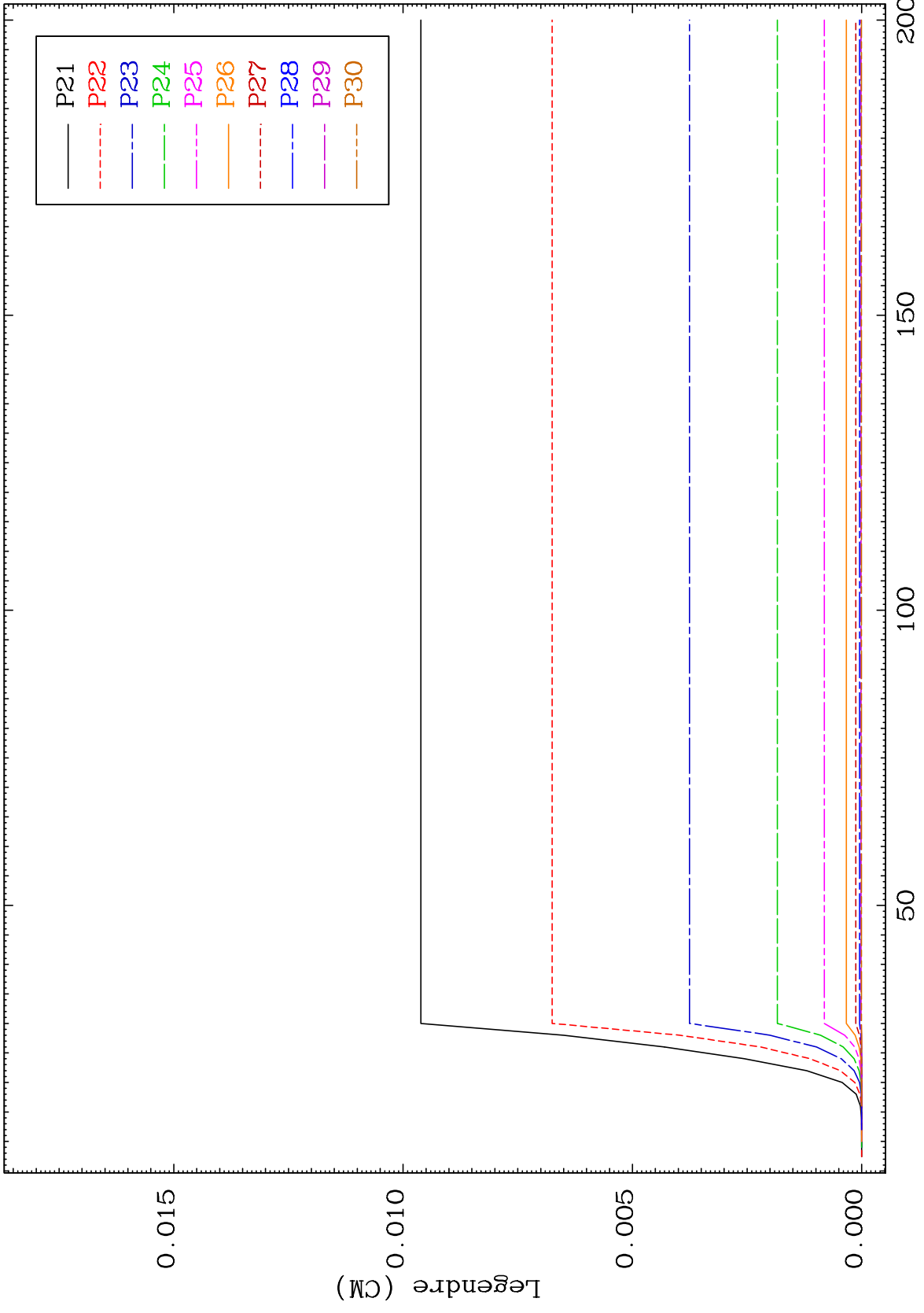
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



24

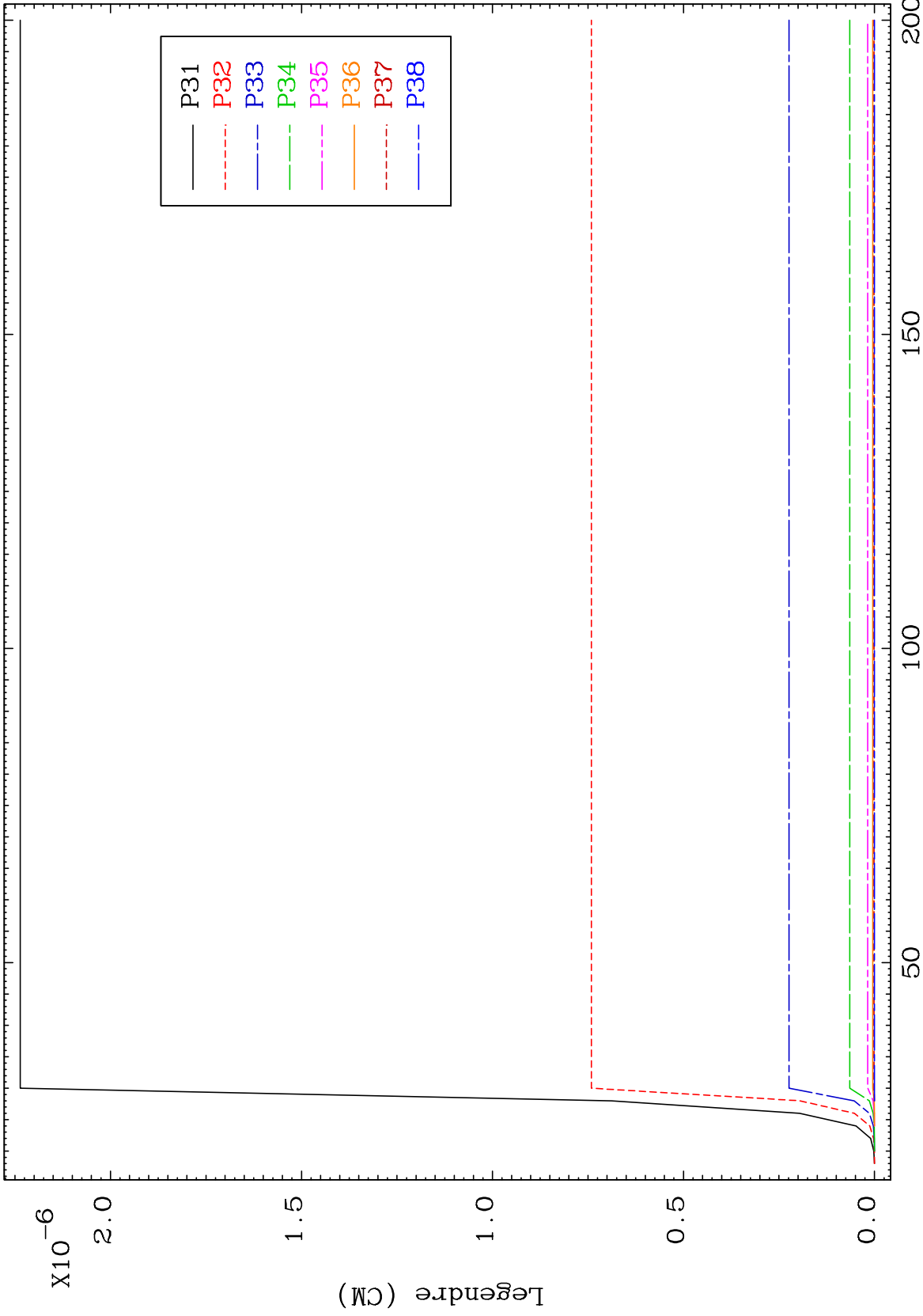
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



25

Incident Energy (MeV)

50

100

150

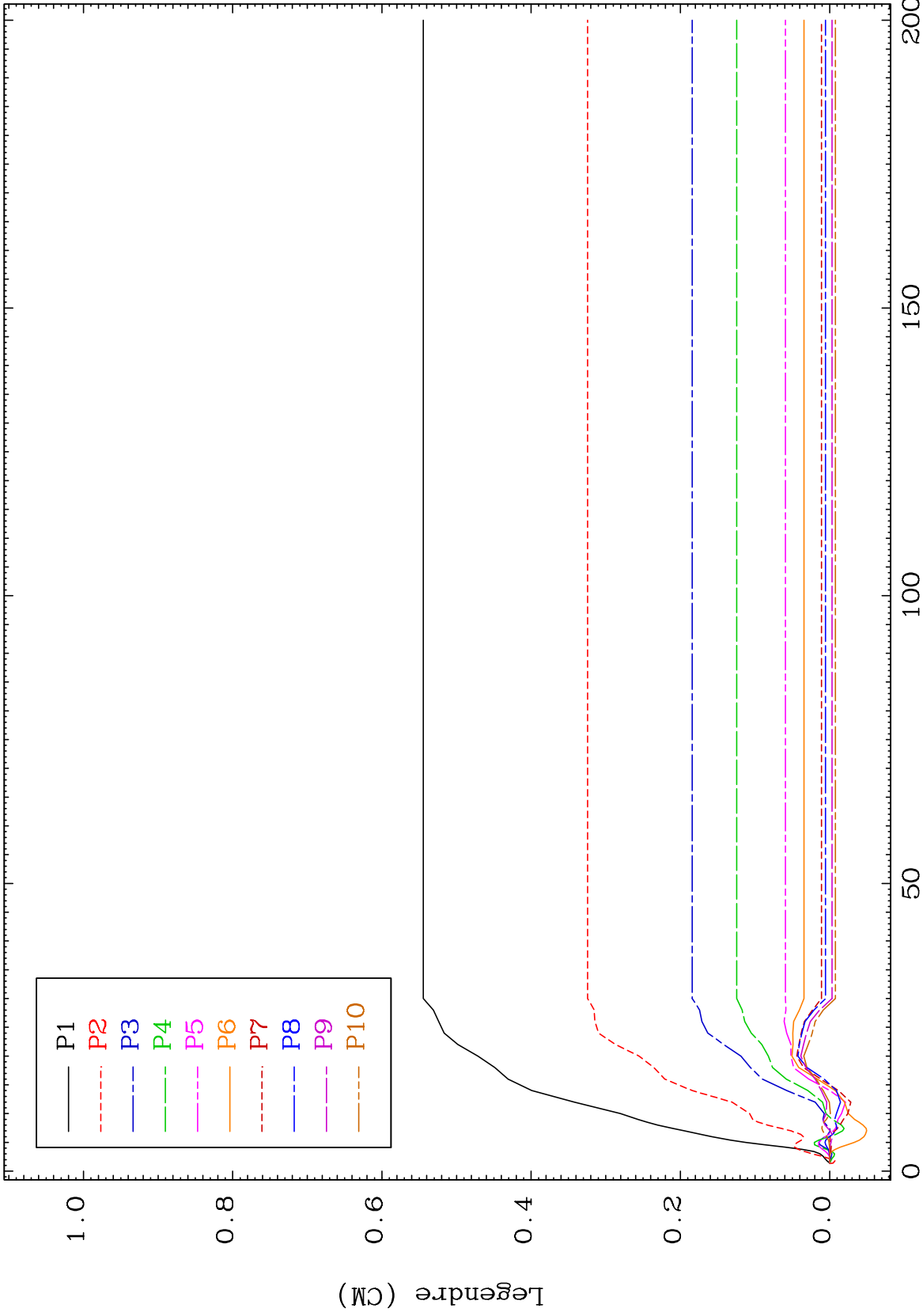
200

82-Pb-194

MAT 8195

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

82-Pb-194



26

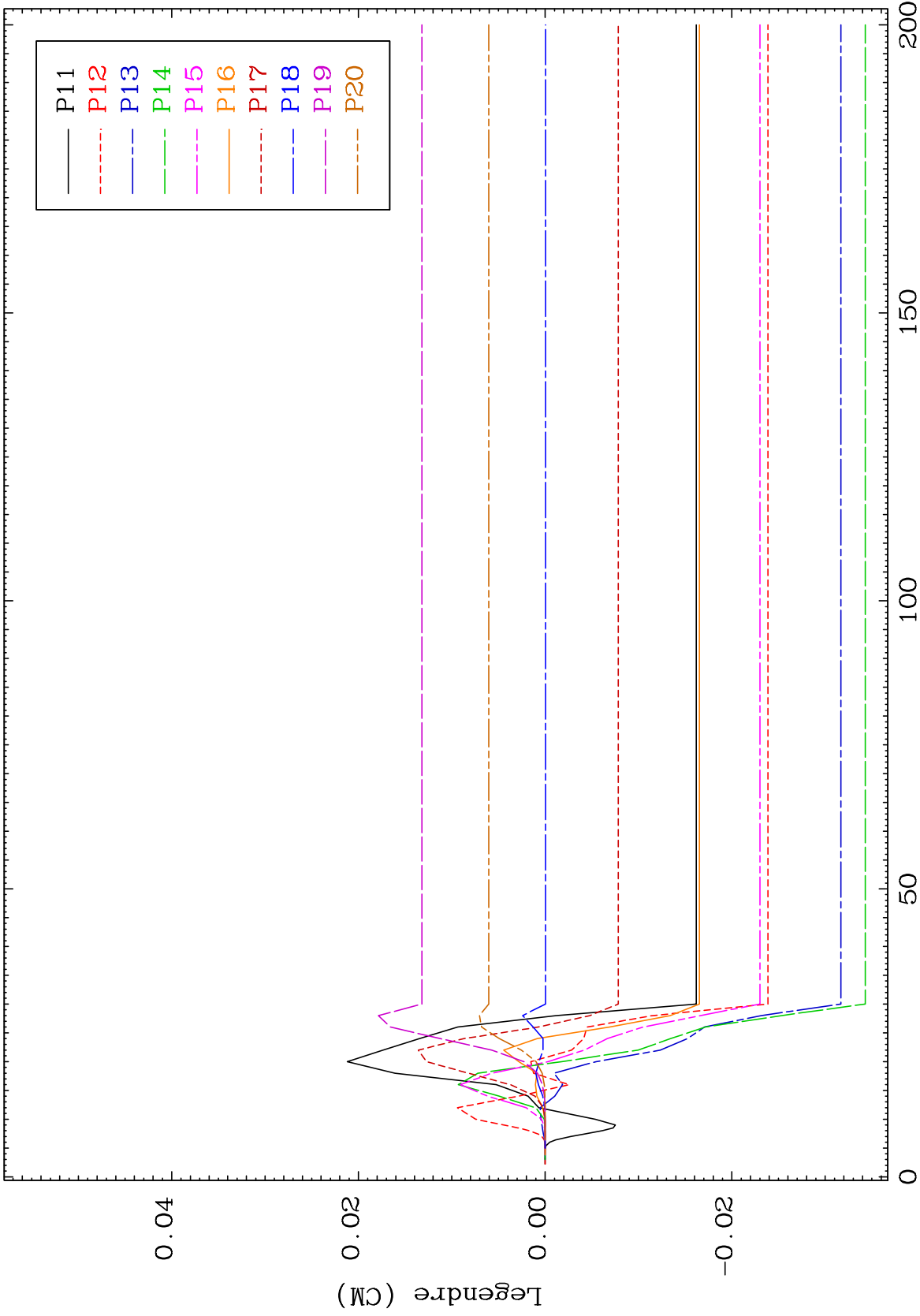
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



27

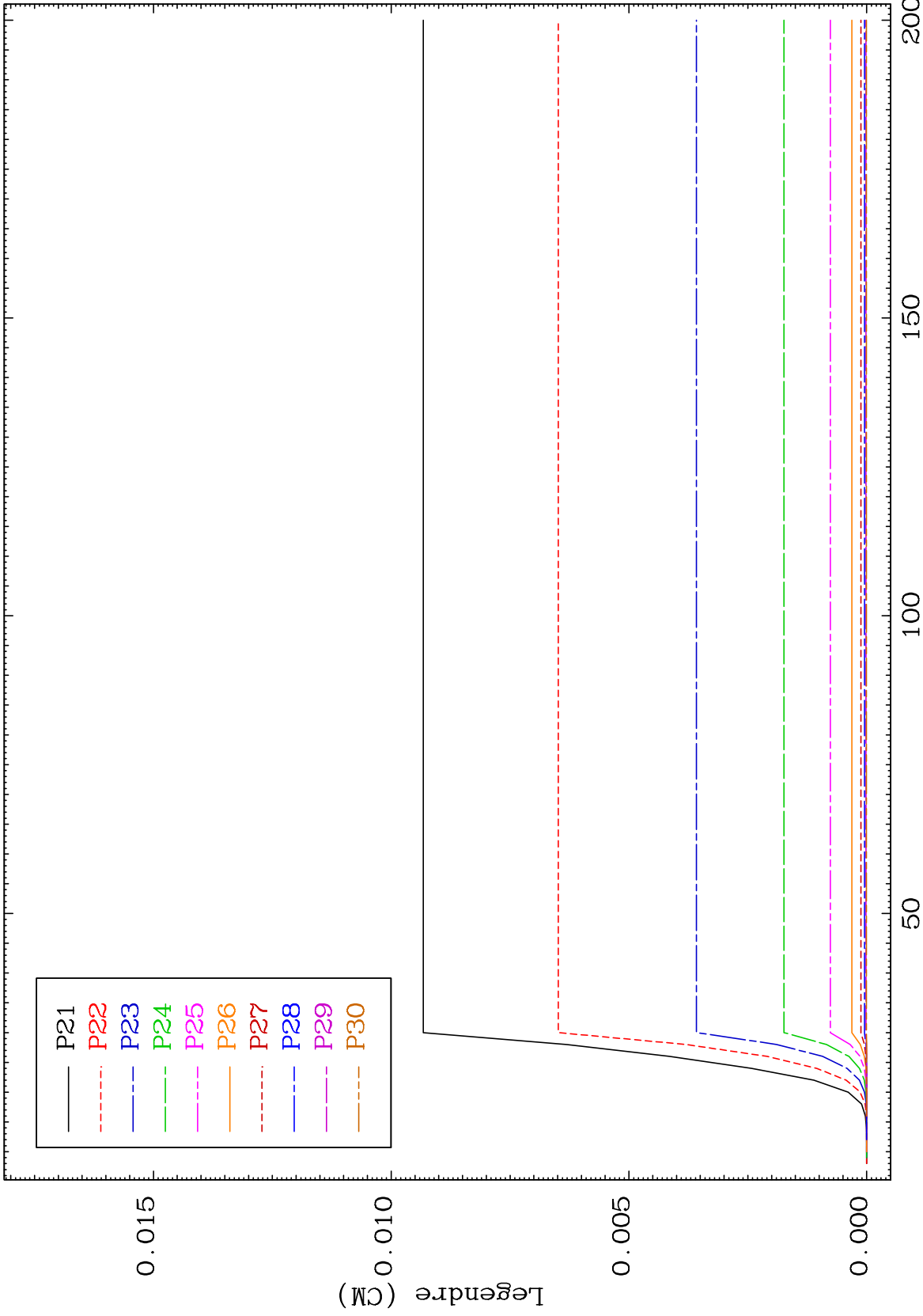
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



28

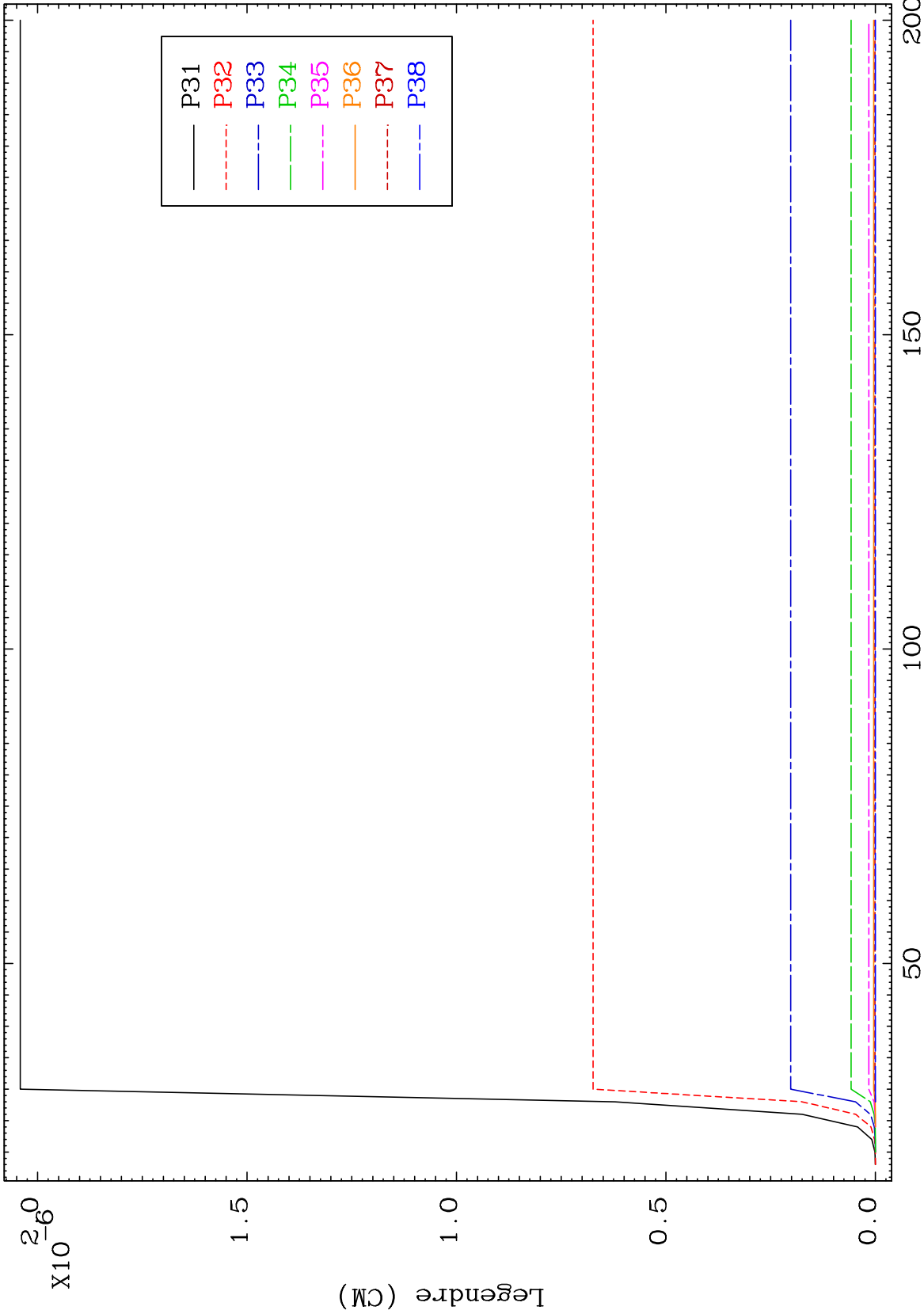
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



29

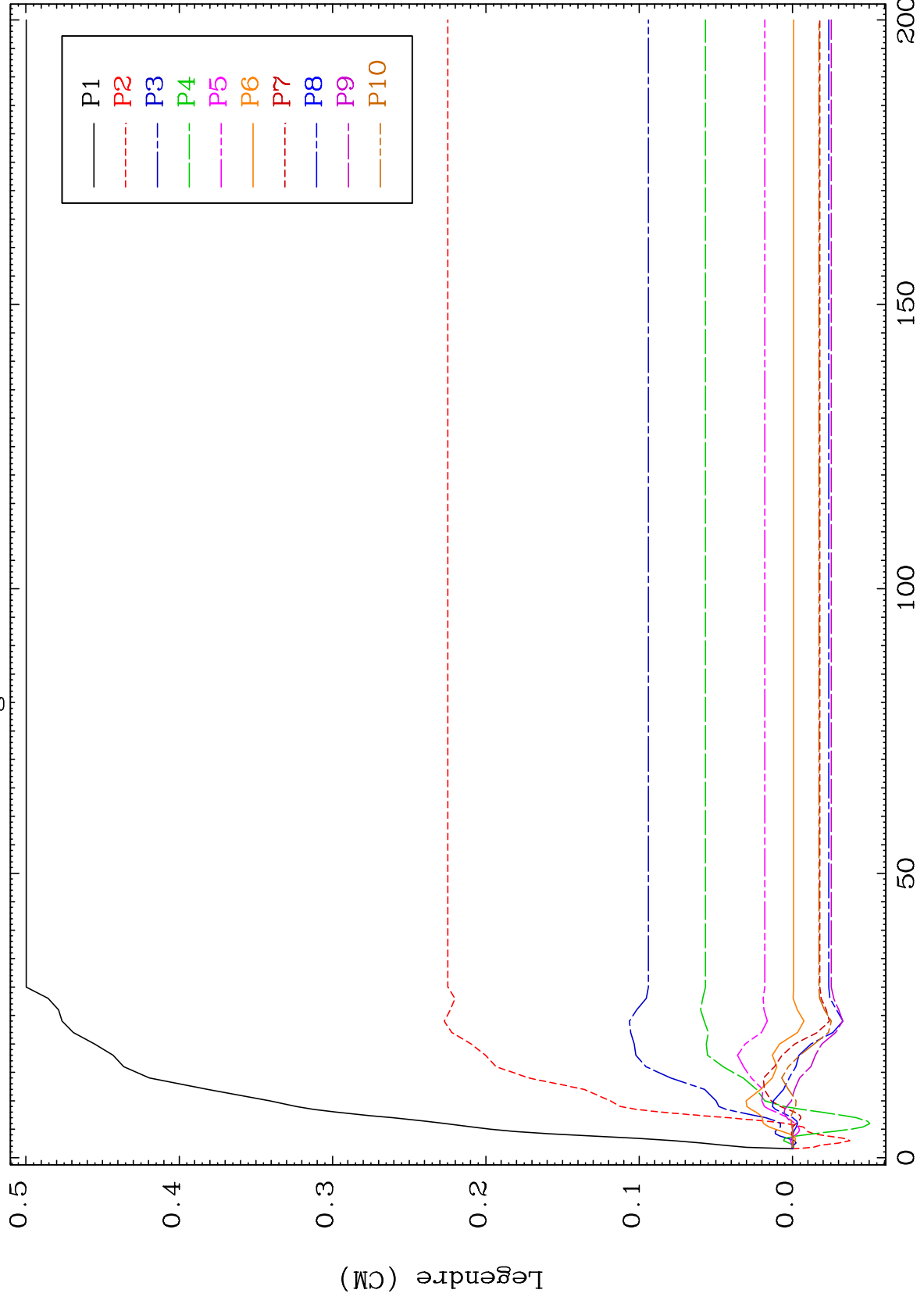
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

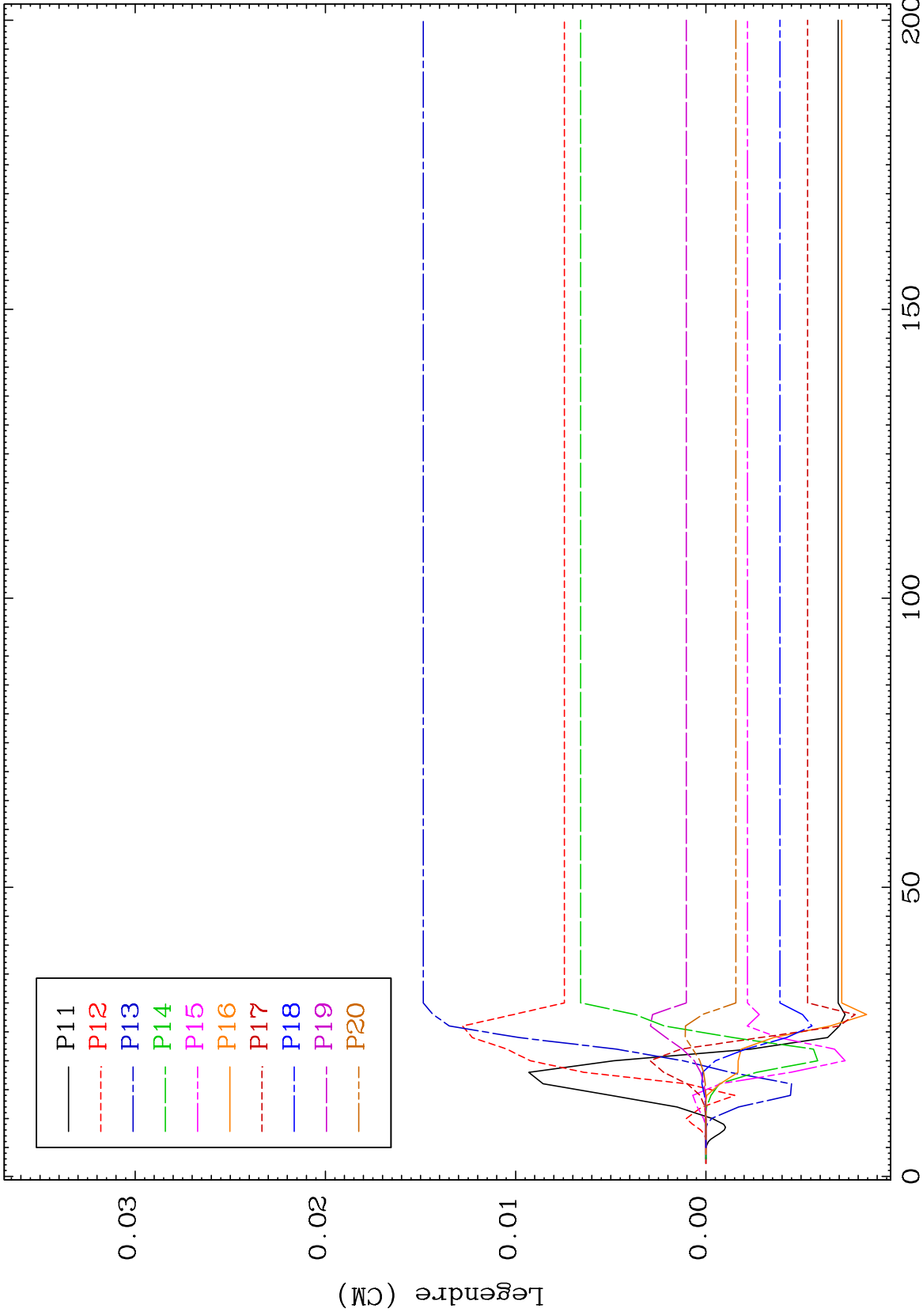
82-Pb-194



MAT 8195

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

82-Pb-194



31

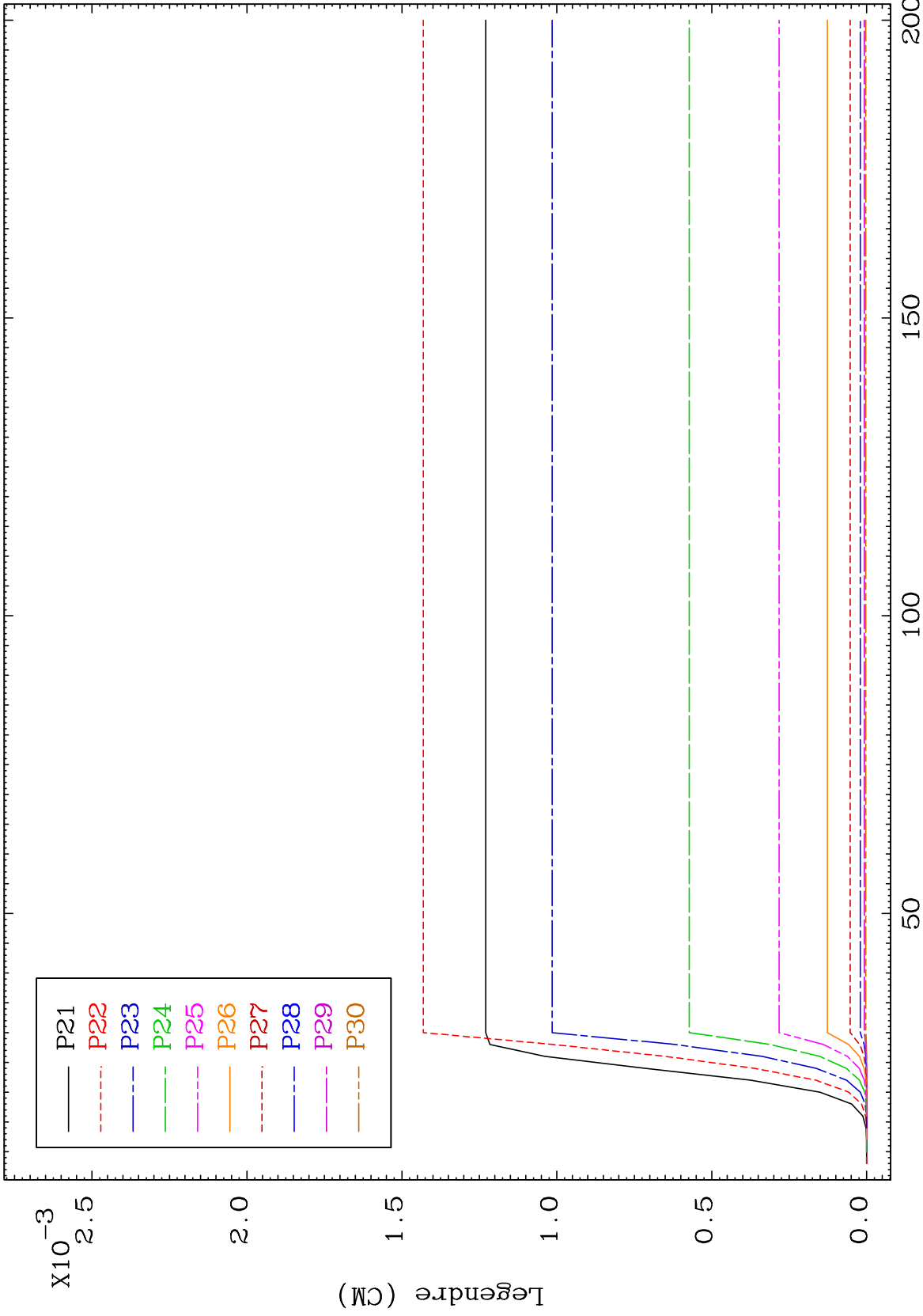
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



32

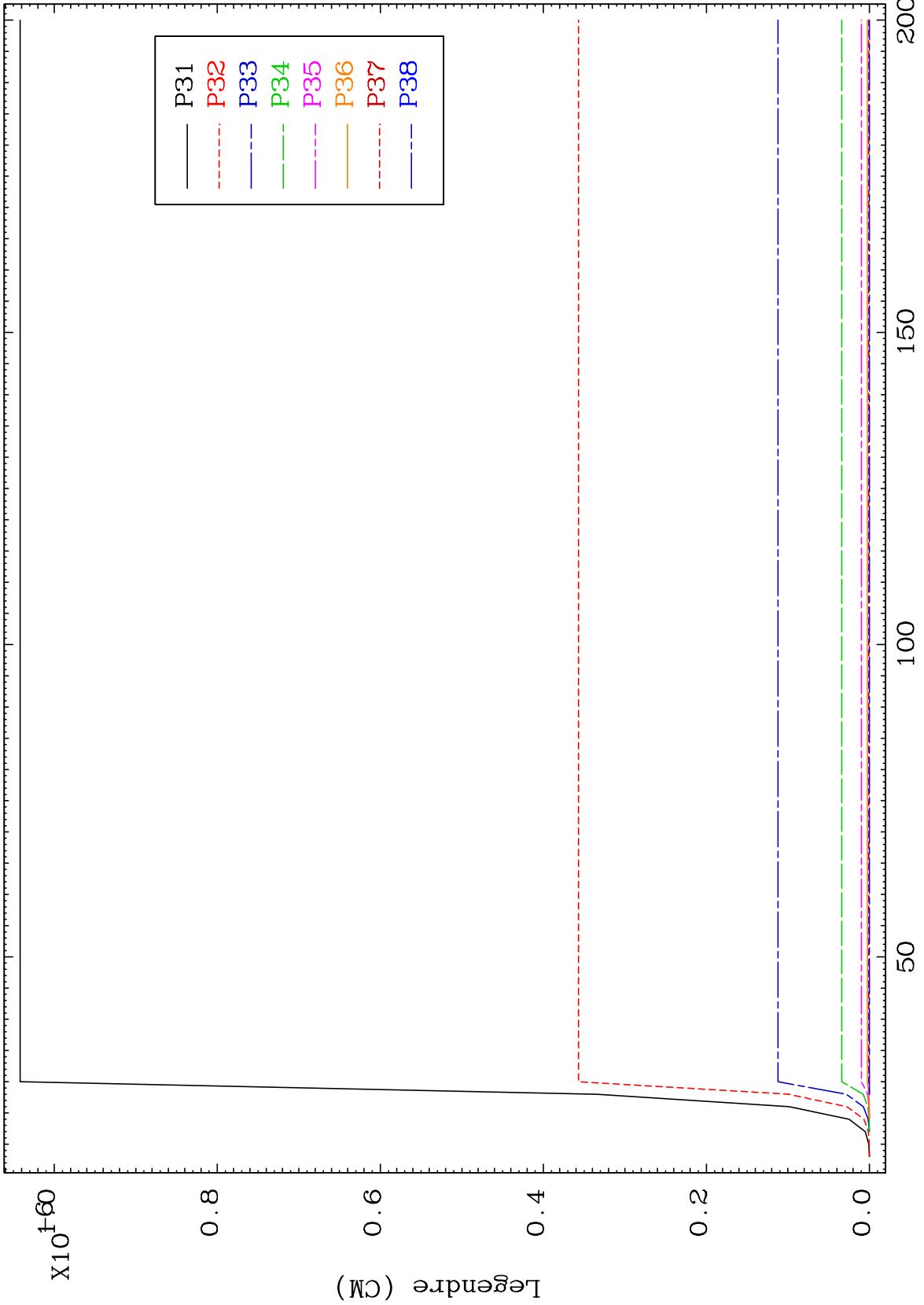
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



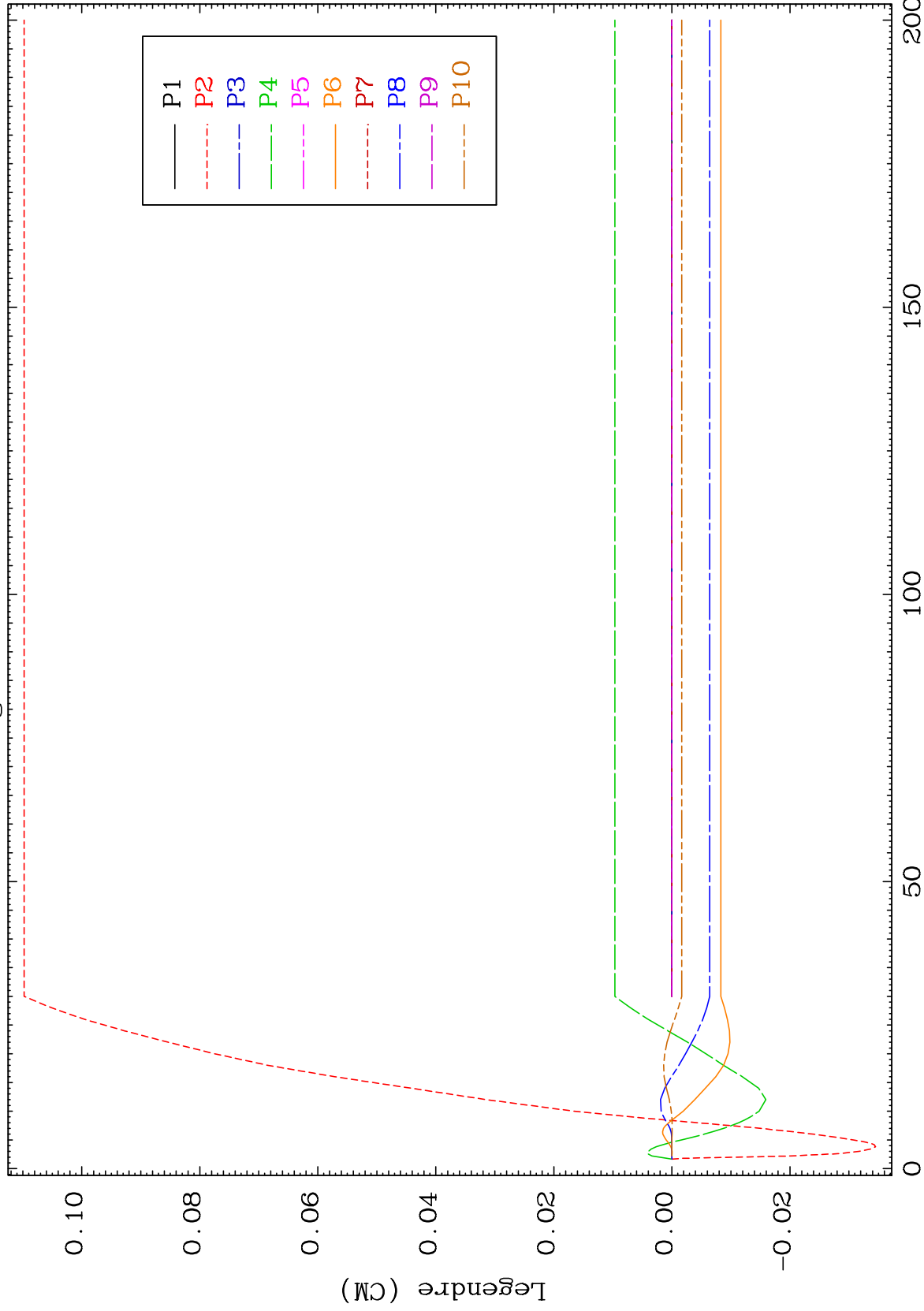
33

82-Pb-194

MAT 8195

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

82-Pb-194



34

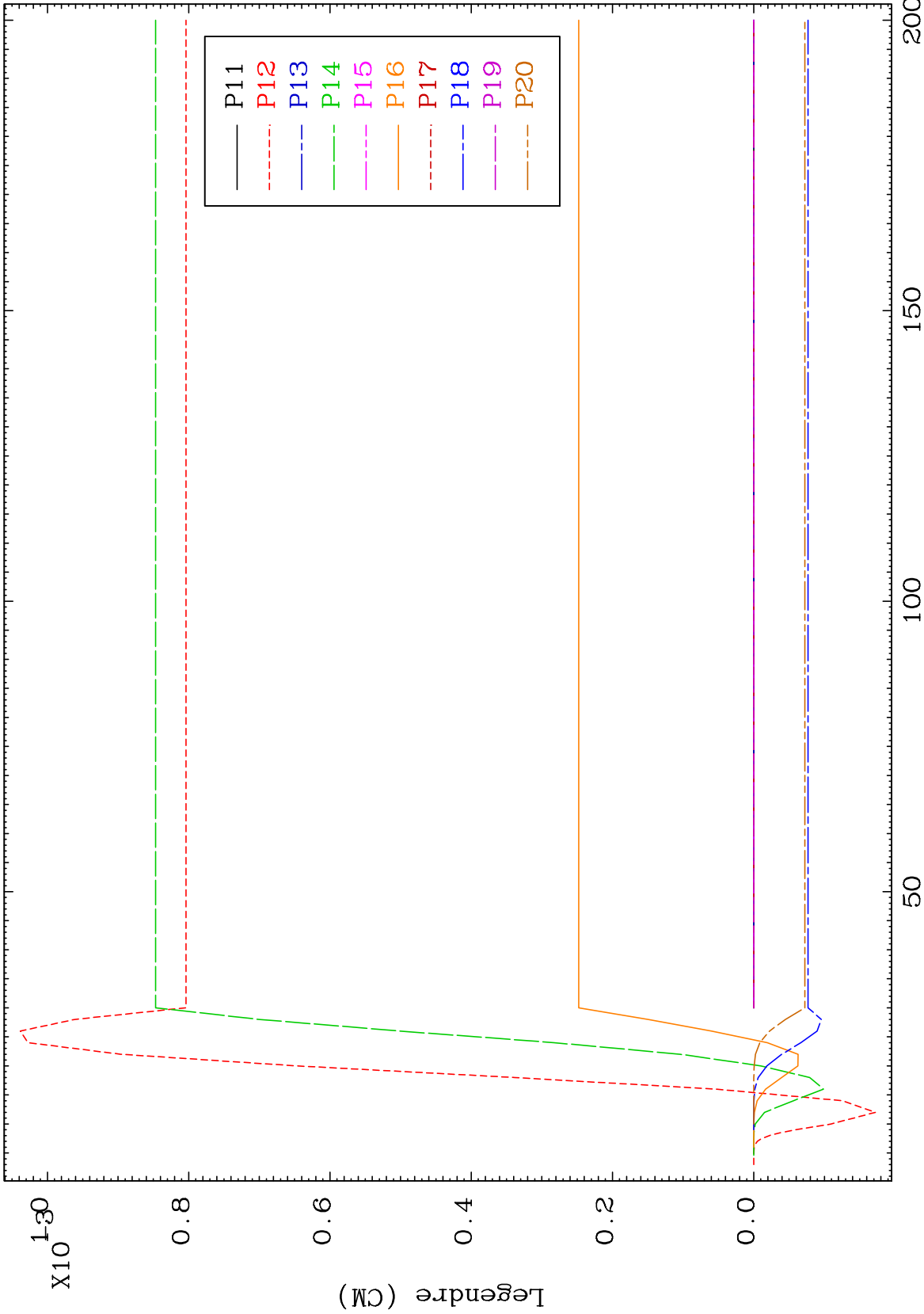
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194

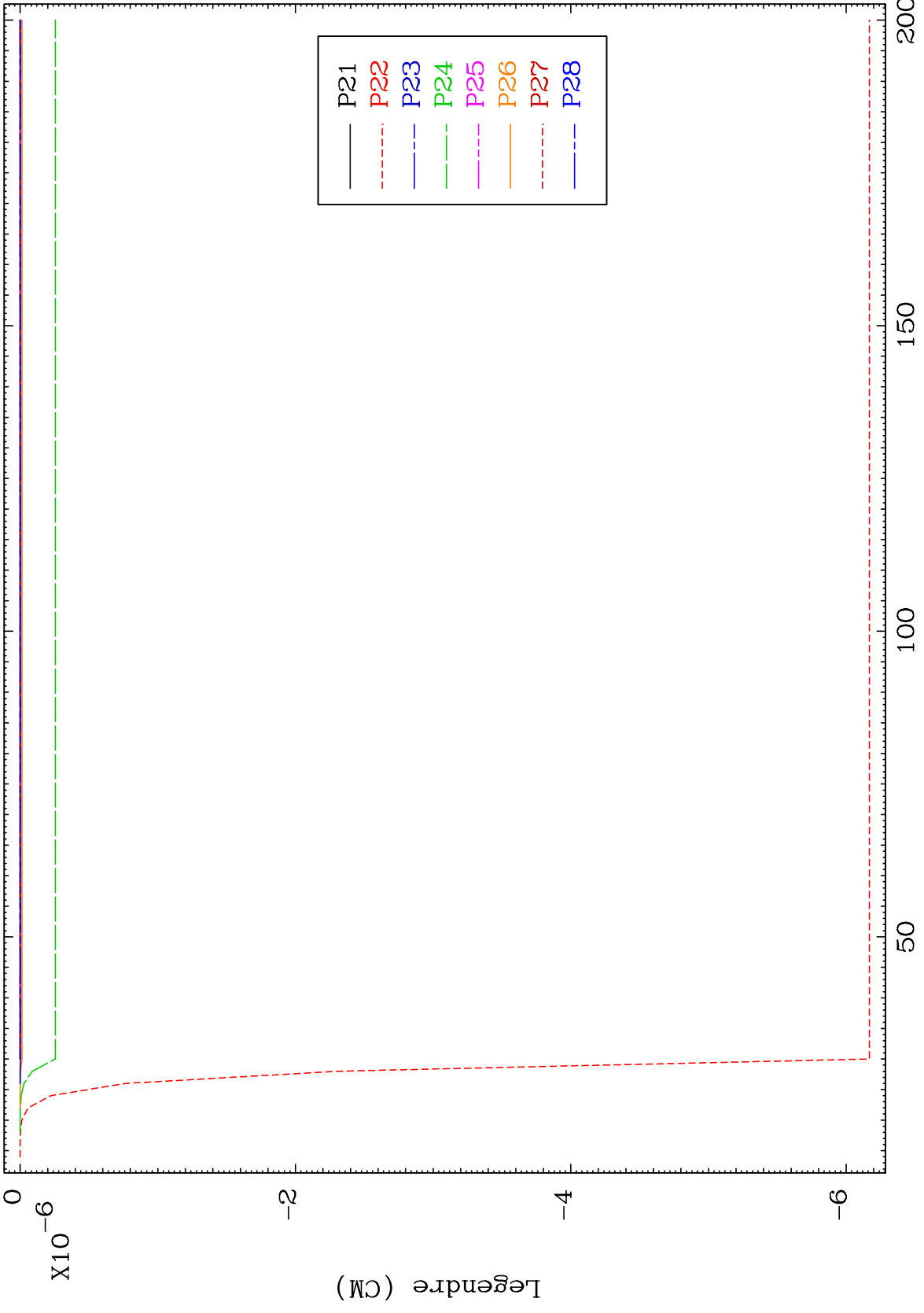


35

Incident Energy (MeV)

82-Pb-194

MAT 8195 MT= 55 (n,n') Level Legendre Coefficients 82-Pb-194

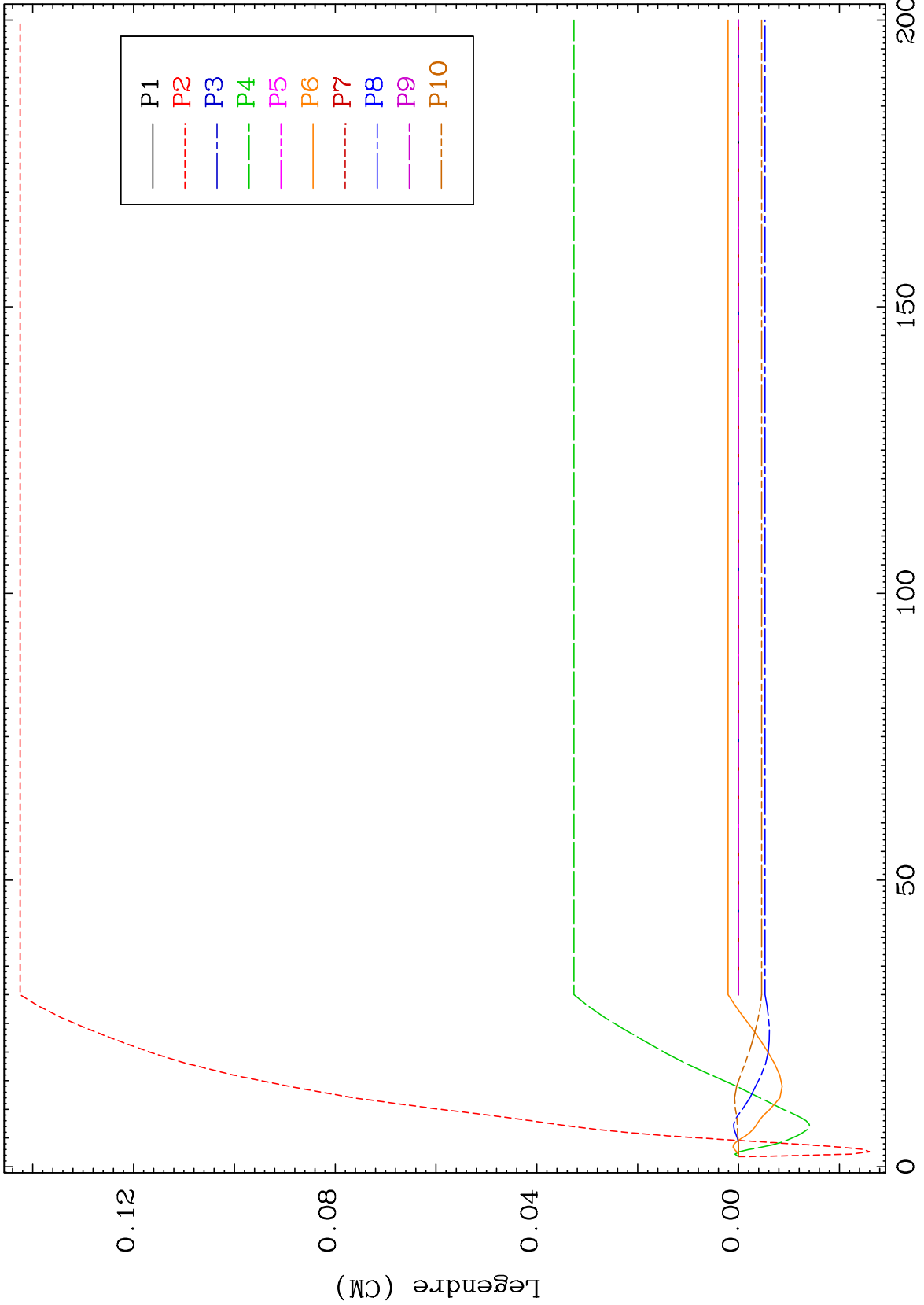


36 Incident Energy (MeV) 82-Pb-194

MAT 8195

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

82-Pb-194



37

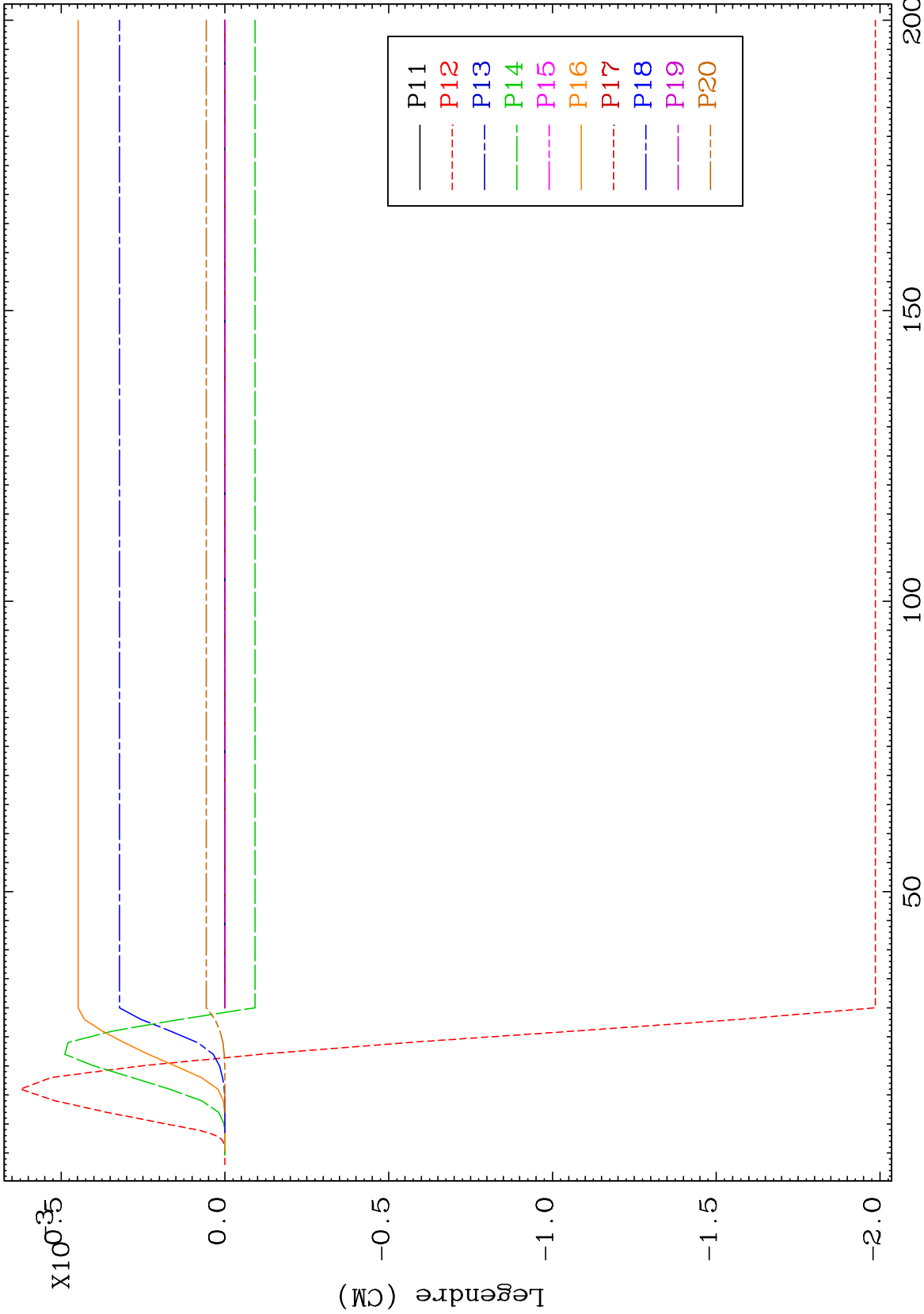
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194

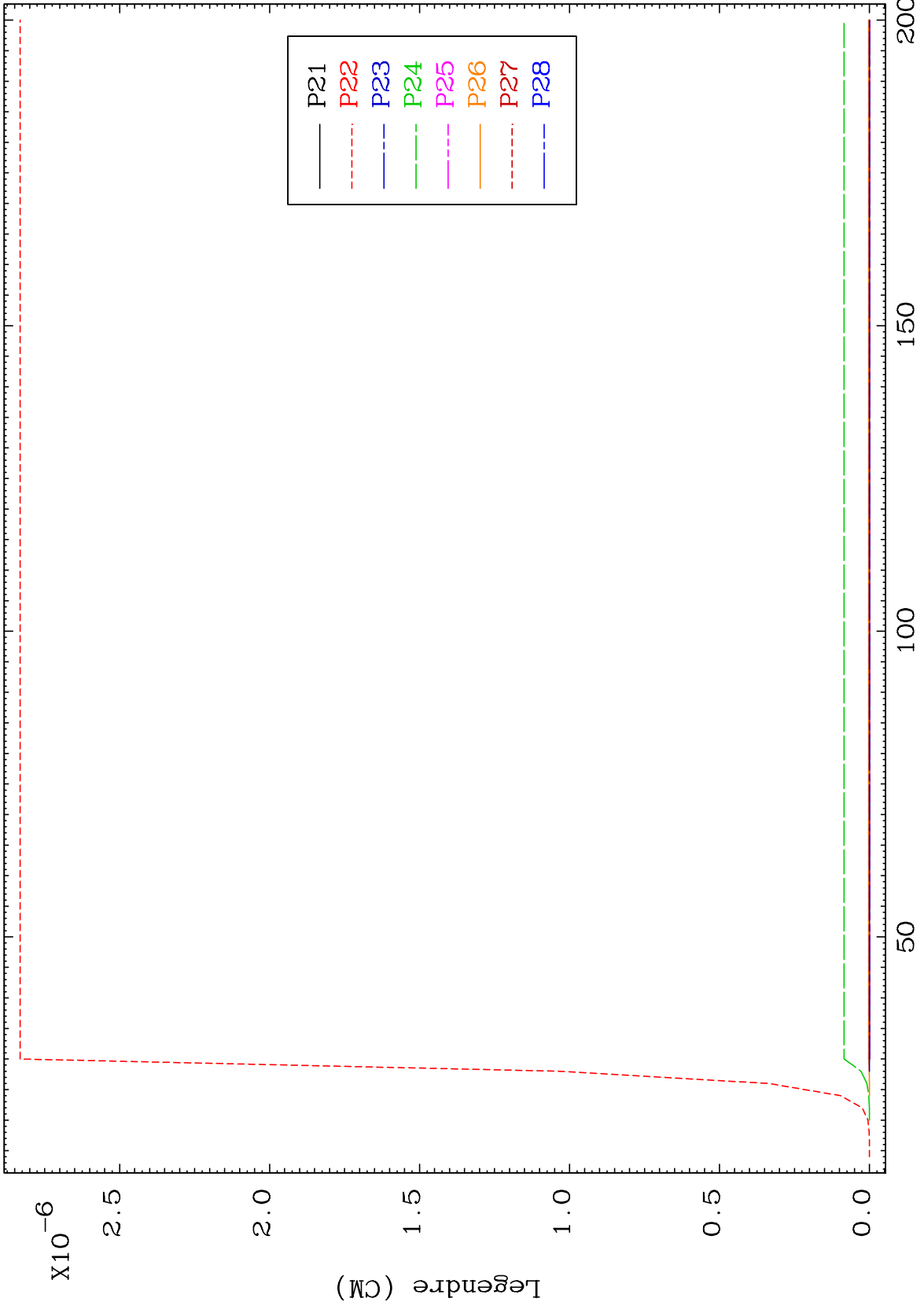


38

Incident Energy (MeV)

82-Pb-194

MAT 8195 MT= 56 (n,n') Level Legendre Coefficients 82-Pb-194

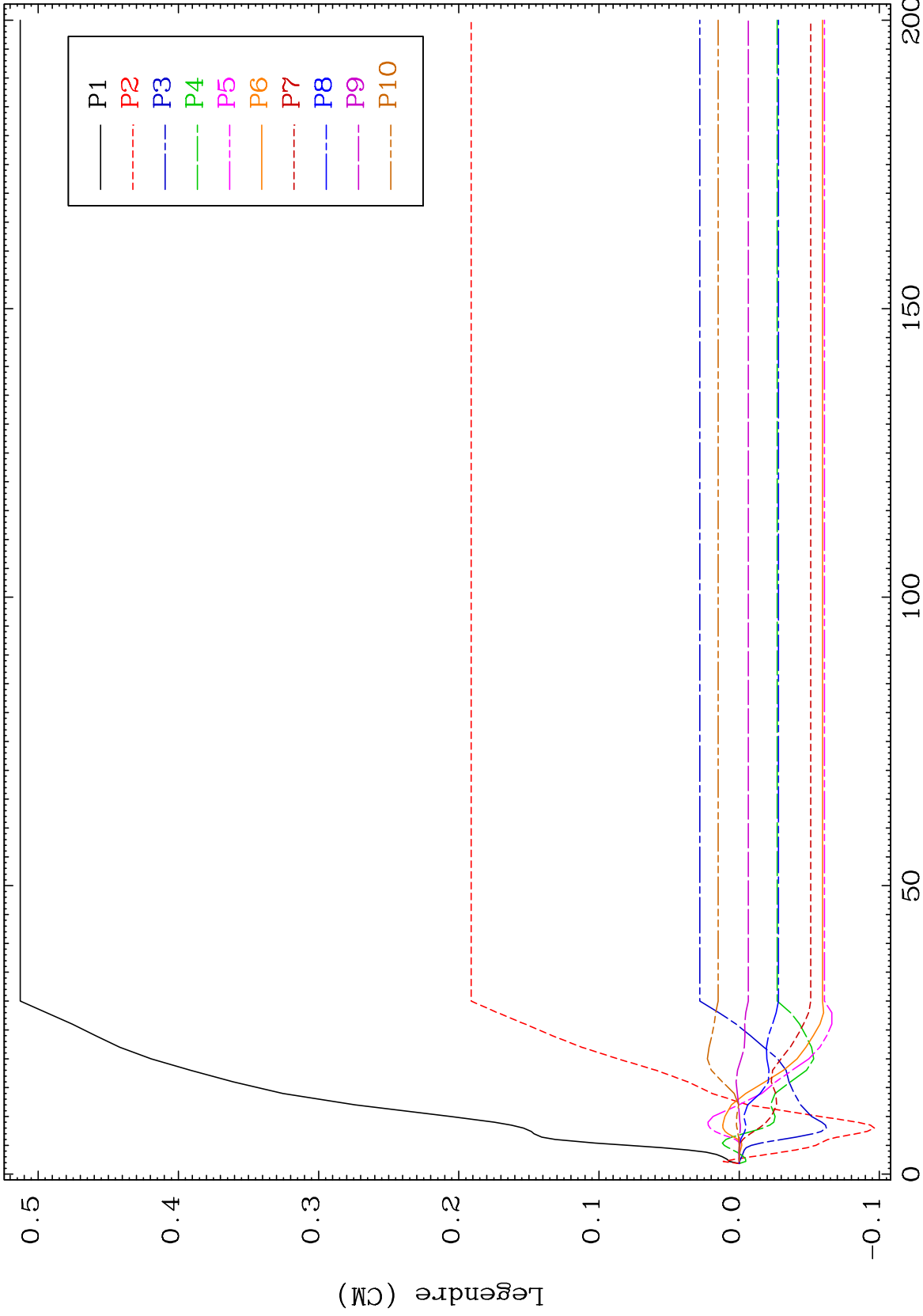


39 Incident Energy (MeV) 82-Pb-194

MAT 8195

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

82-Pb-194



40

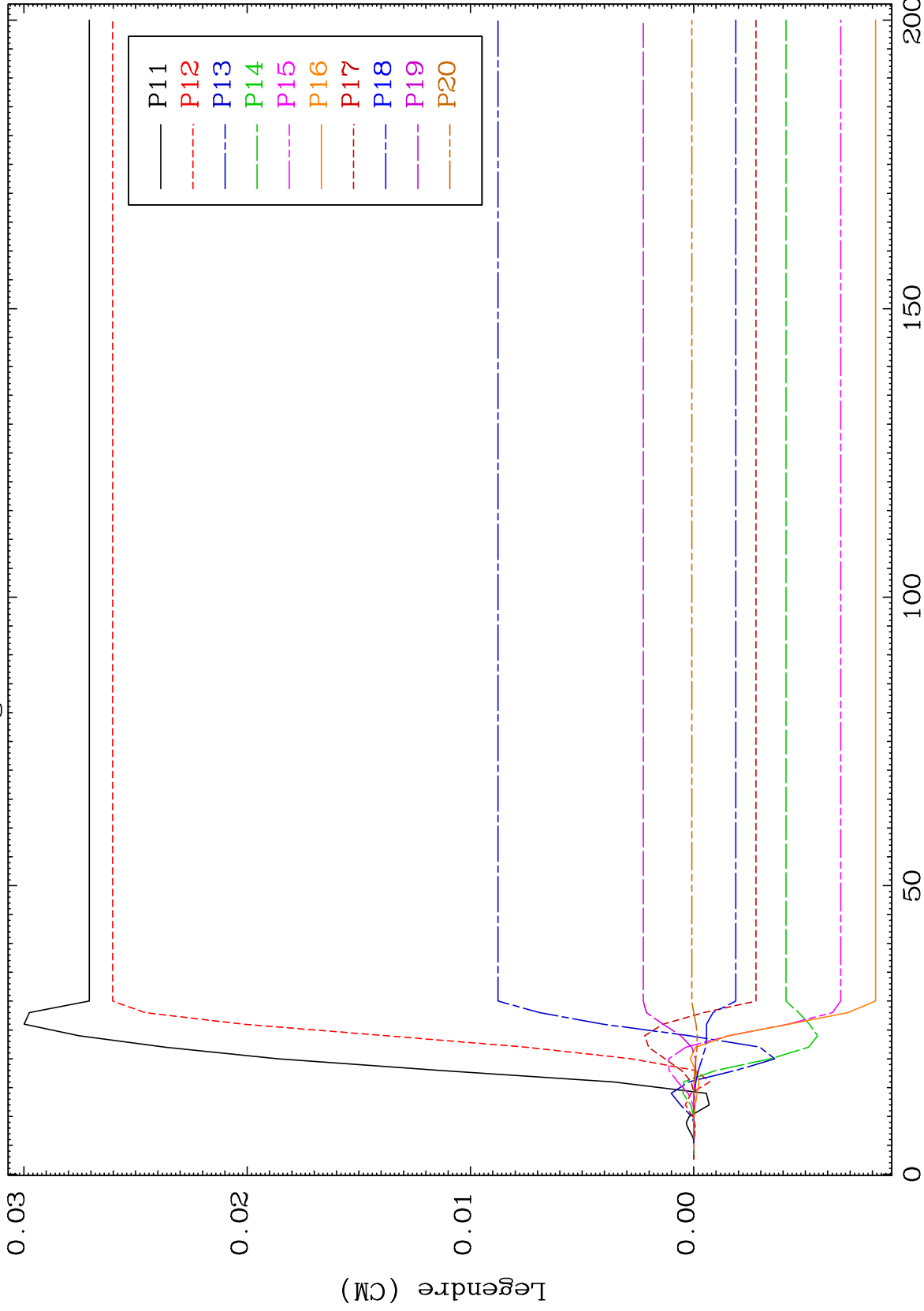
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



41

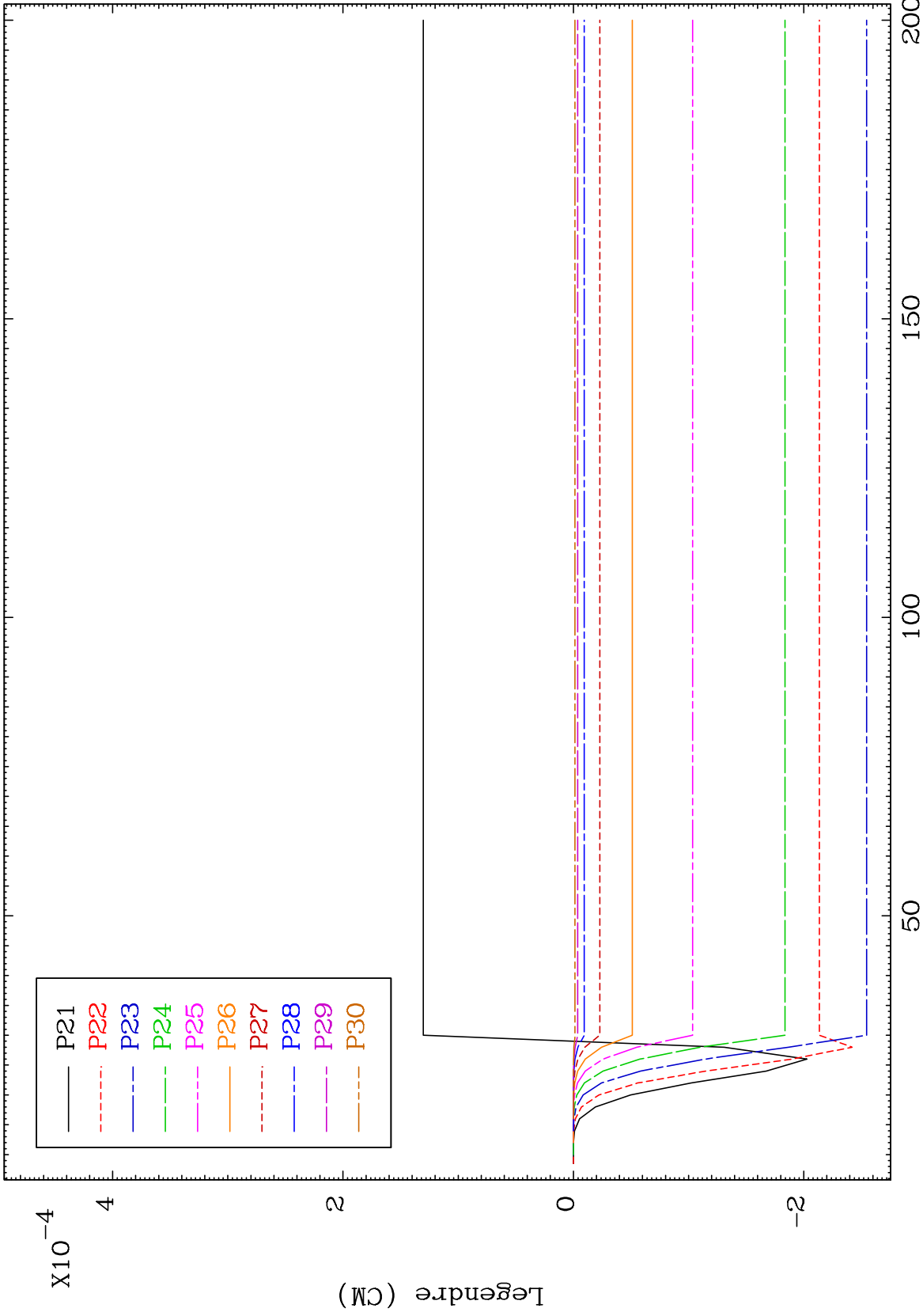
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



42

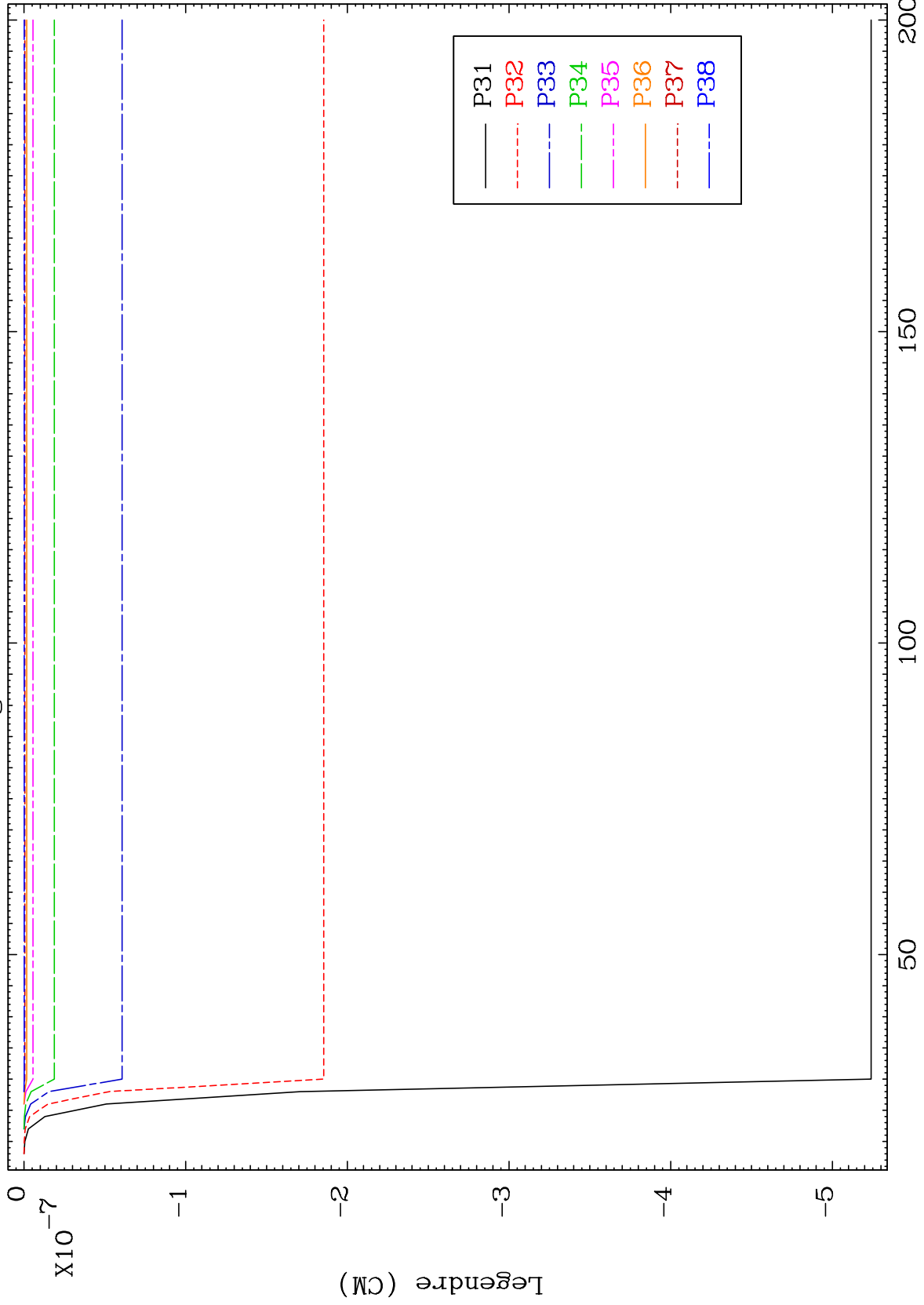
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



82-Pb-194

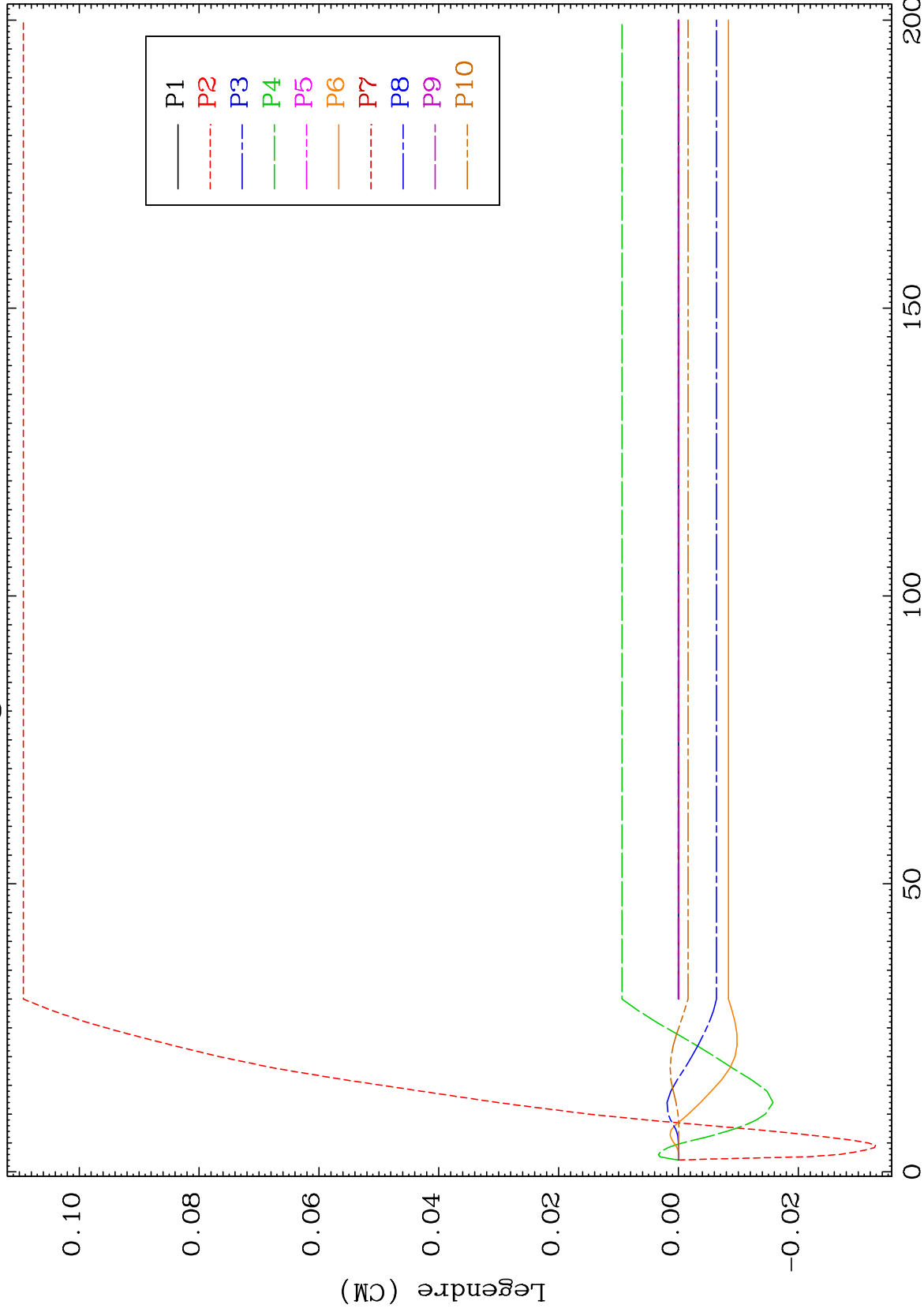
Incident Energy (MeV)

43

MAT 8195

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

82-Pb-194



44

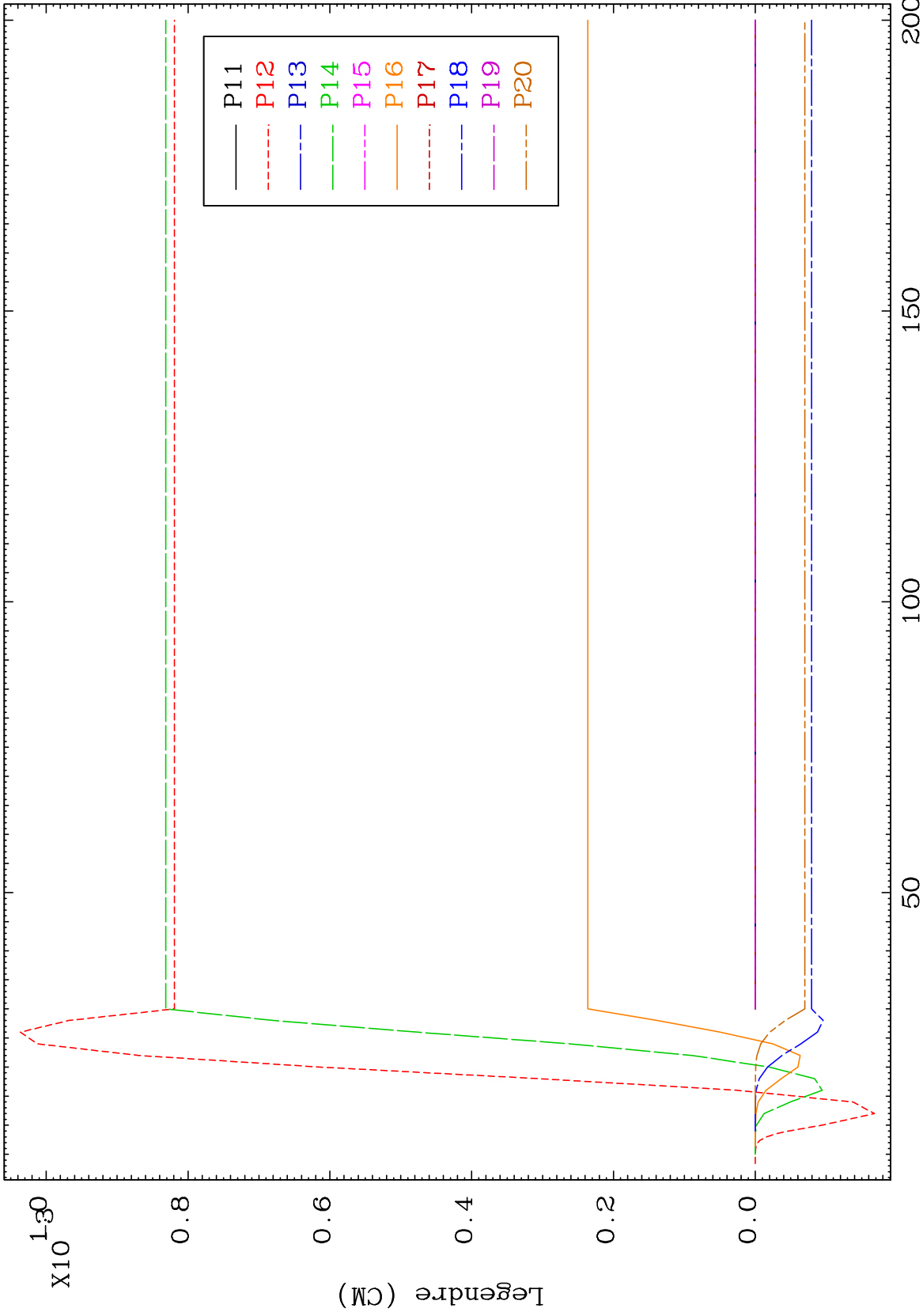
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194

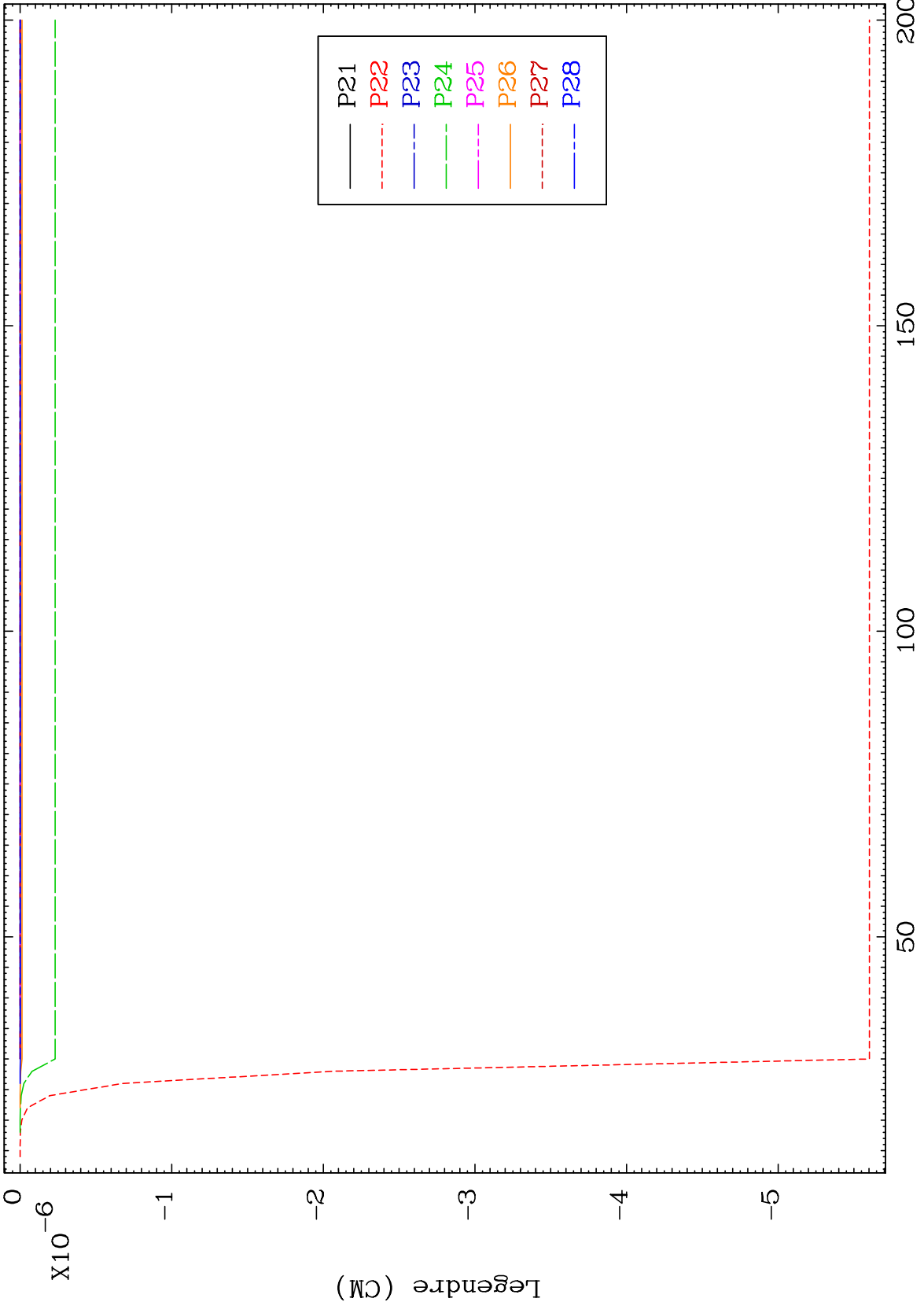


45

Incident Energy (MeV)

82-Pb-194

MAT 8195 MT= 58 (n,n') Level Legendre Coefficients 82-Pb-194

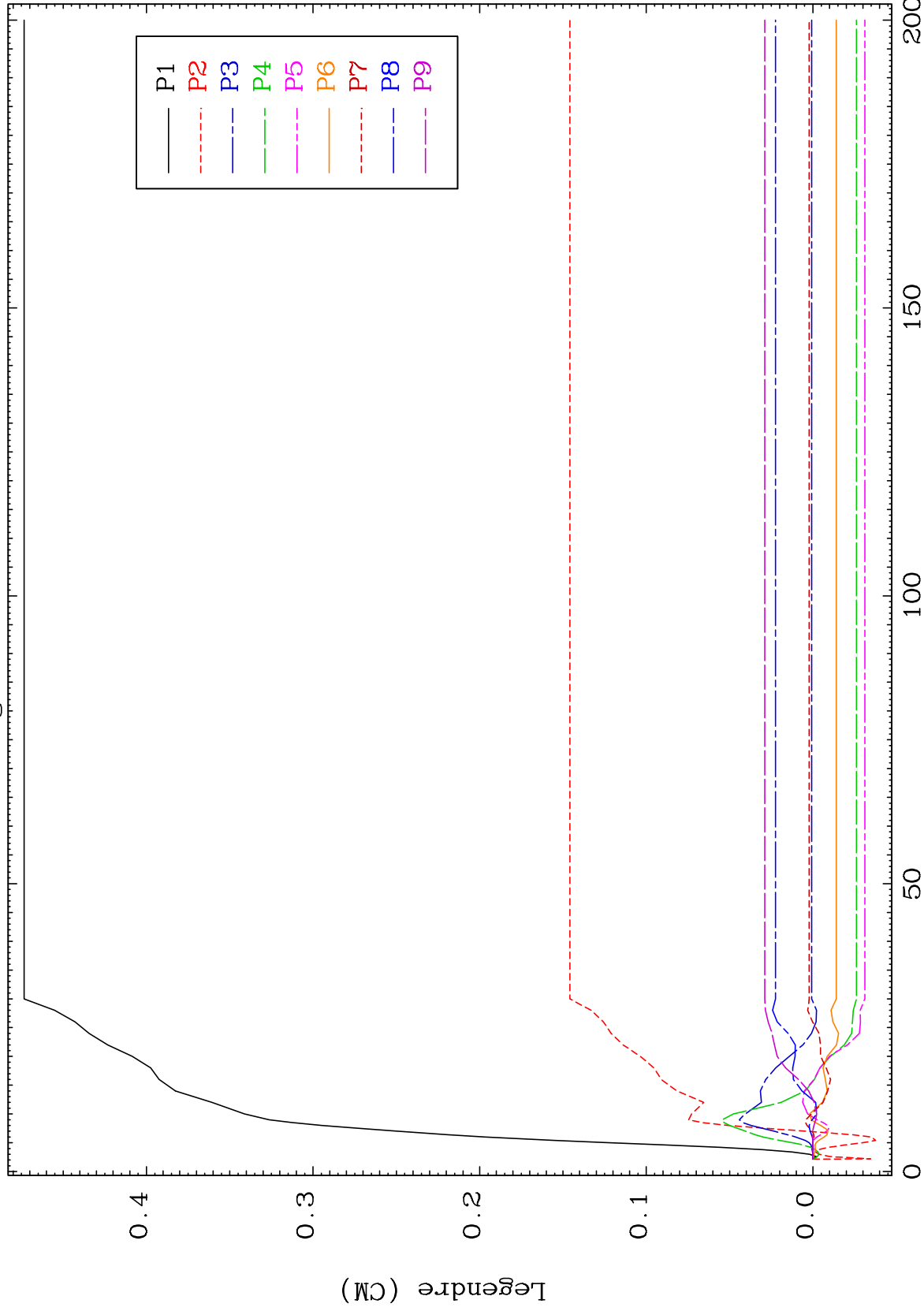


46 82-Pb-194

MAT 8195

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

82-Pb-194



47

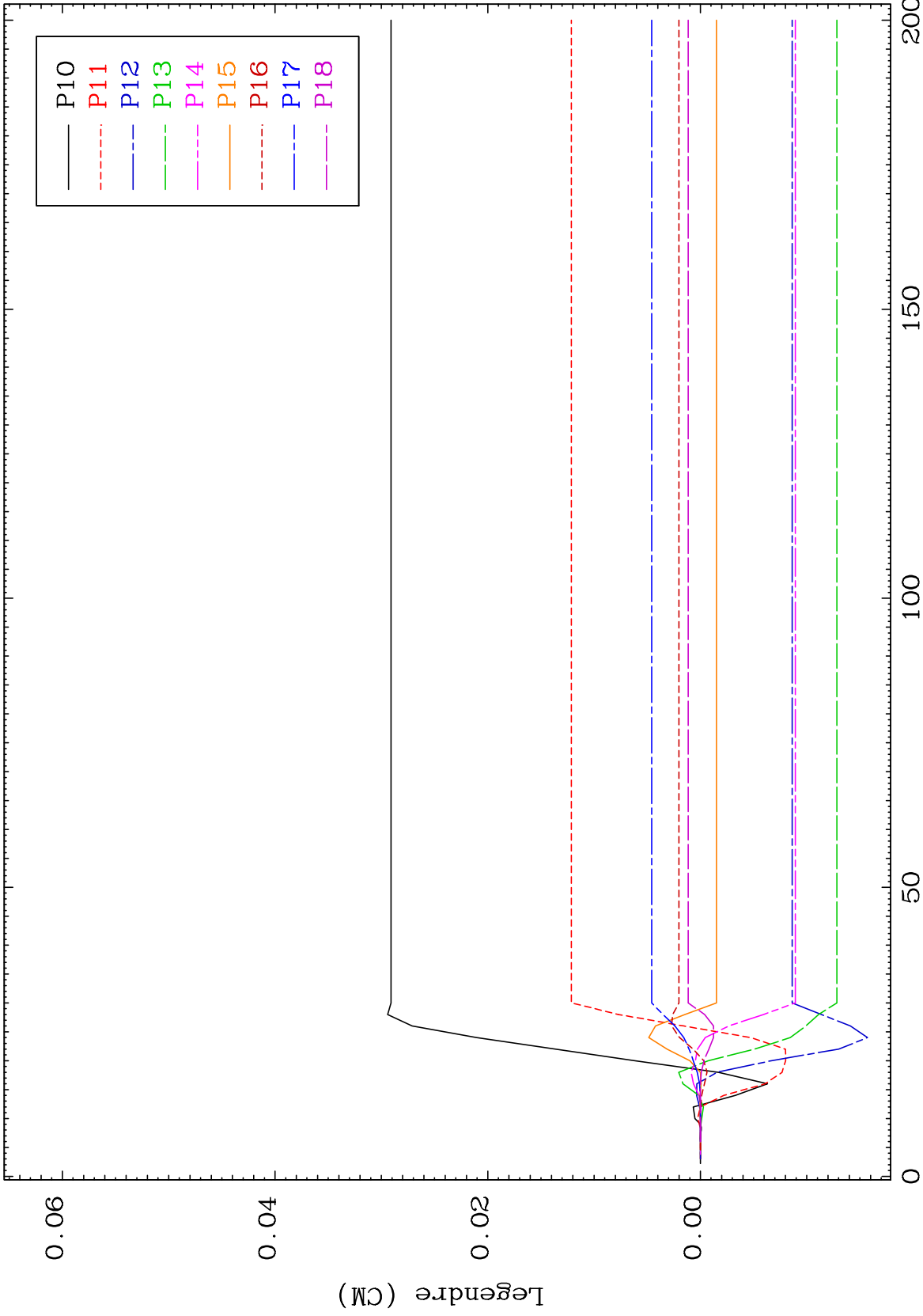
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



48

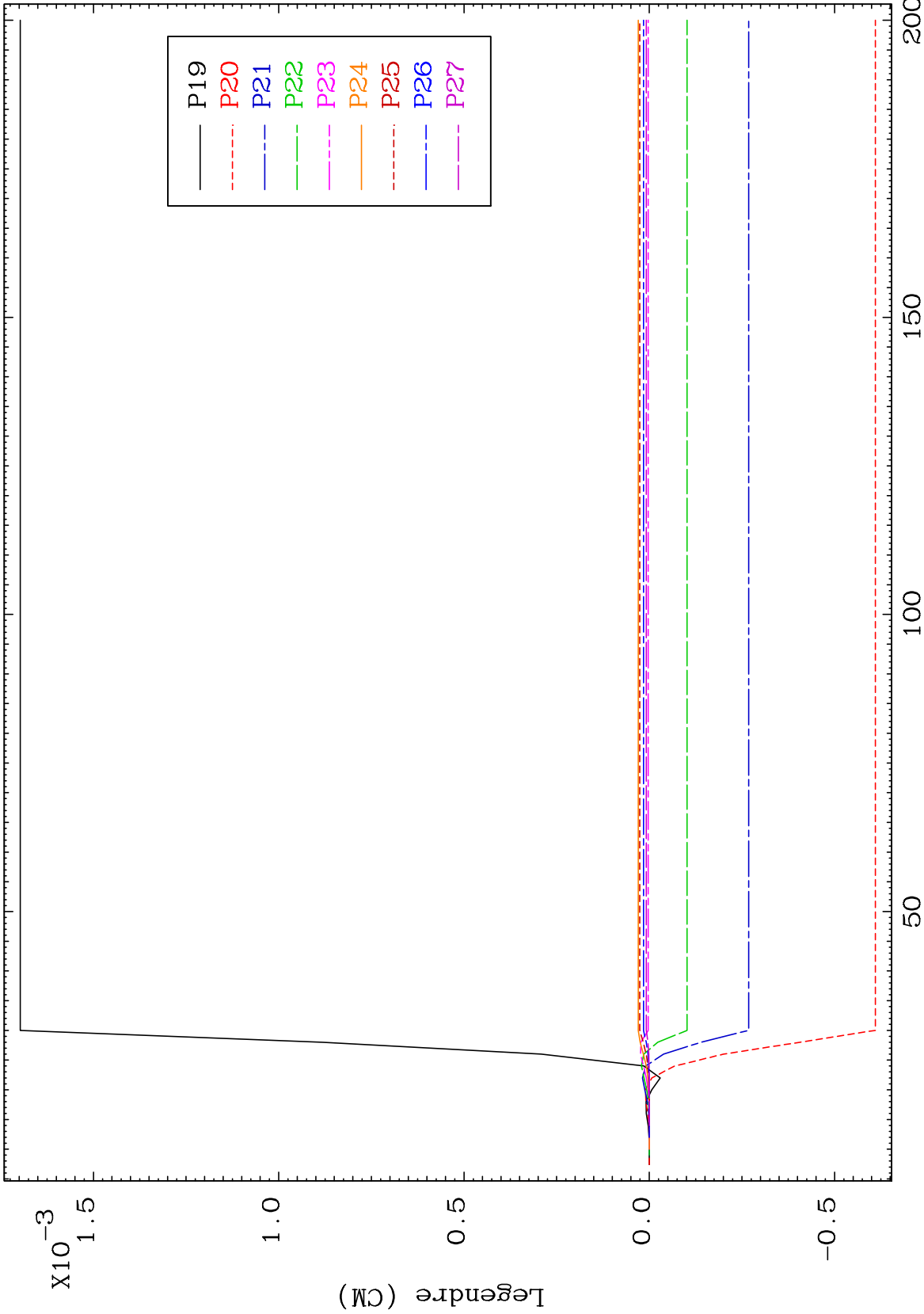
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



49

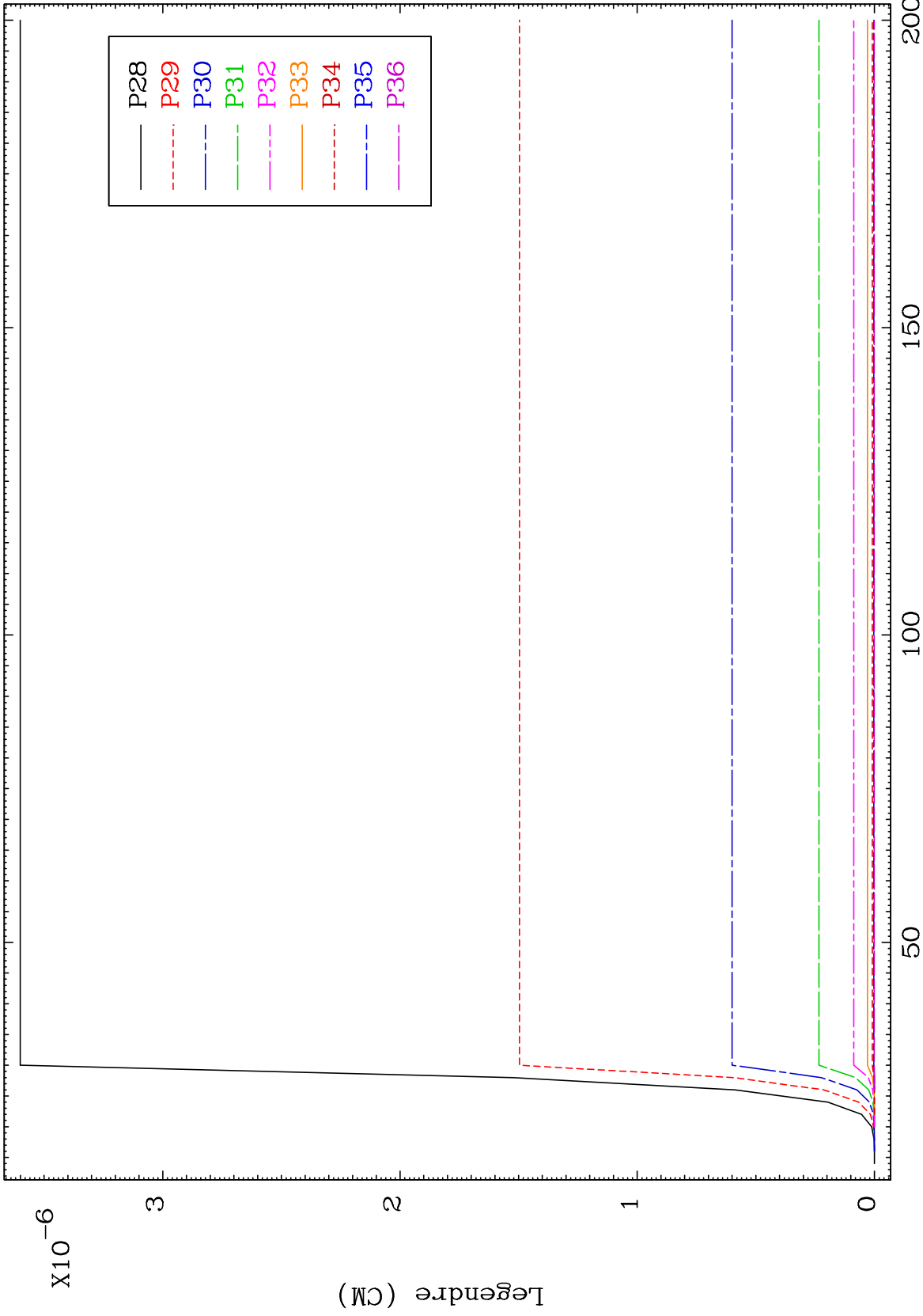
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



50

50

100

150

200

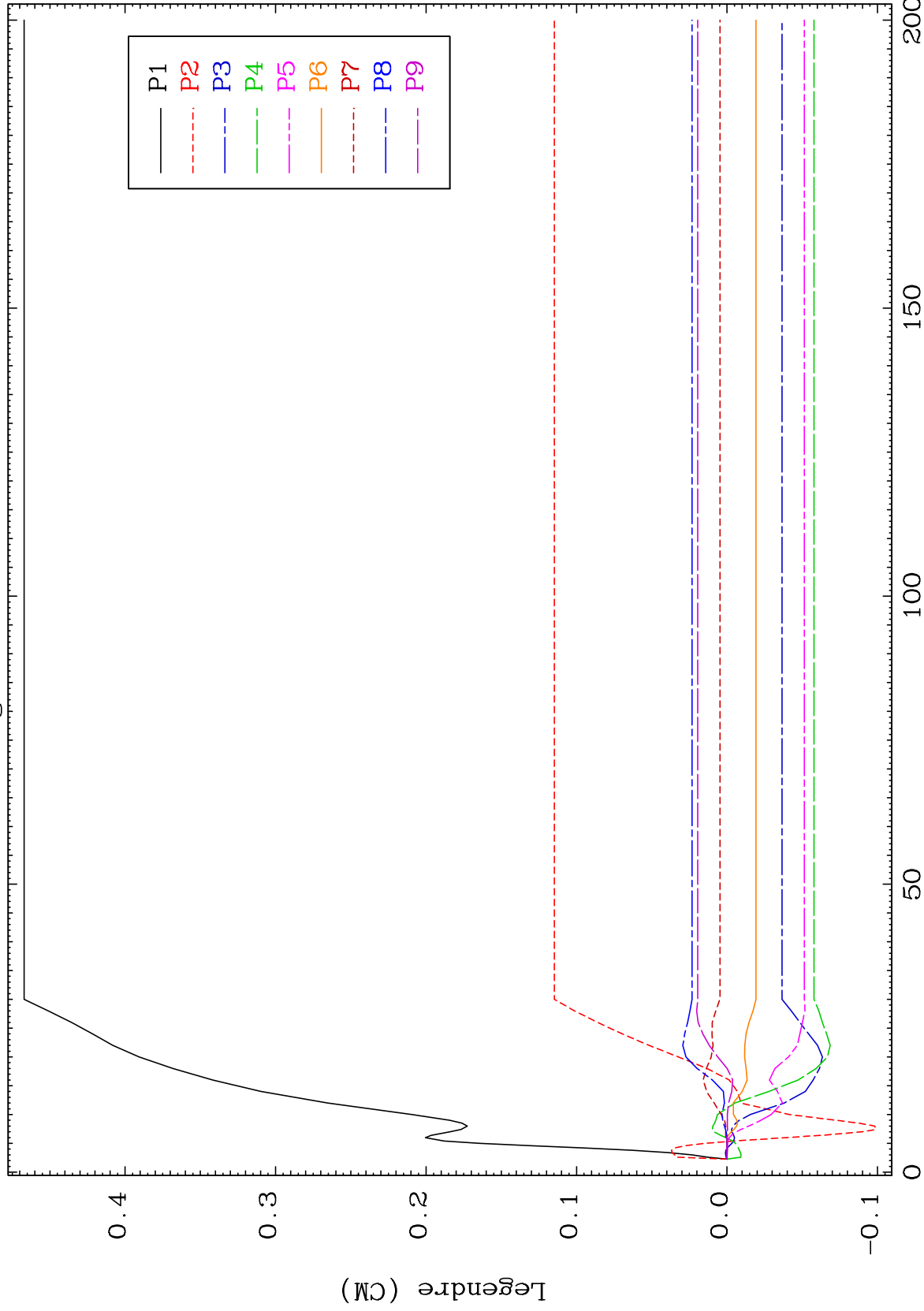
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



51

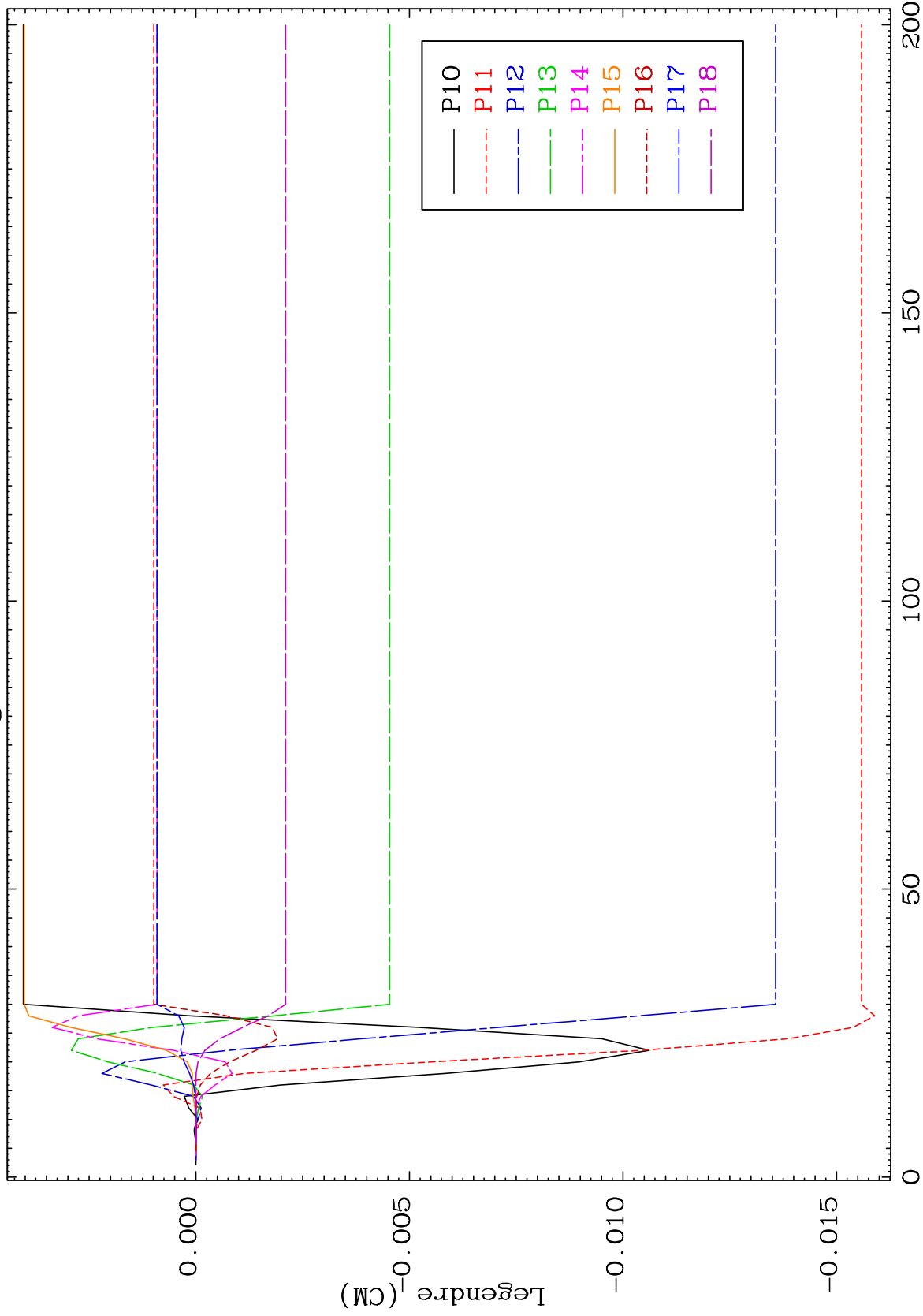
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



52

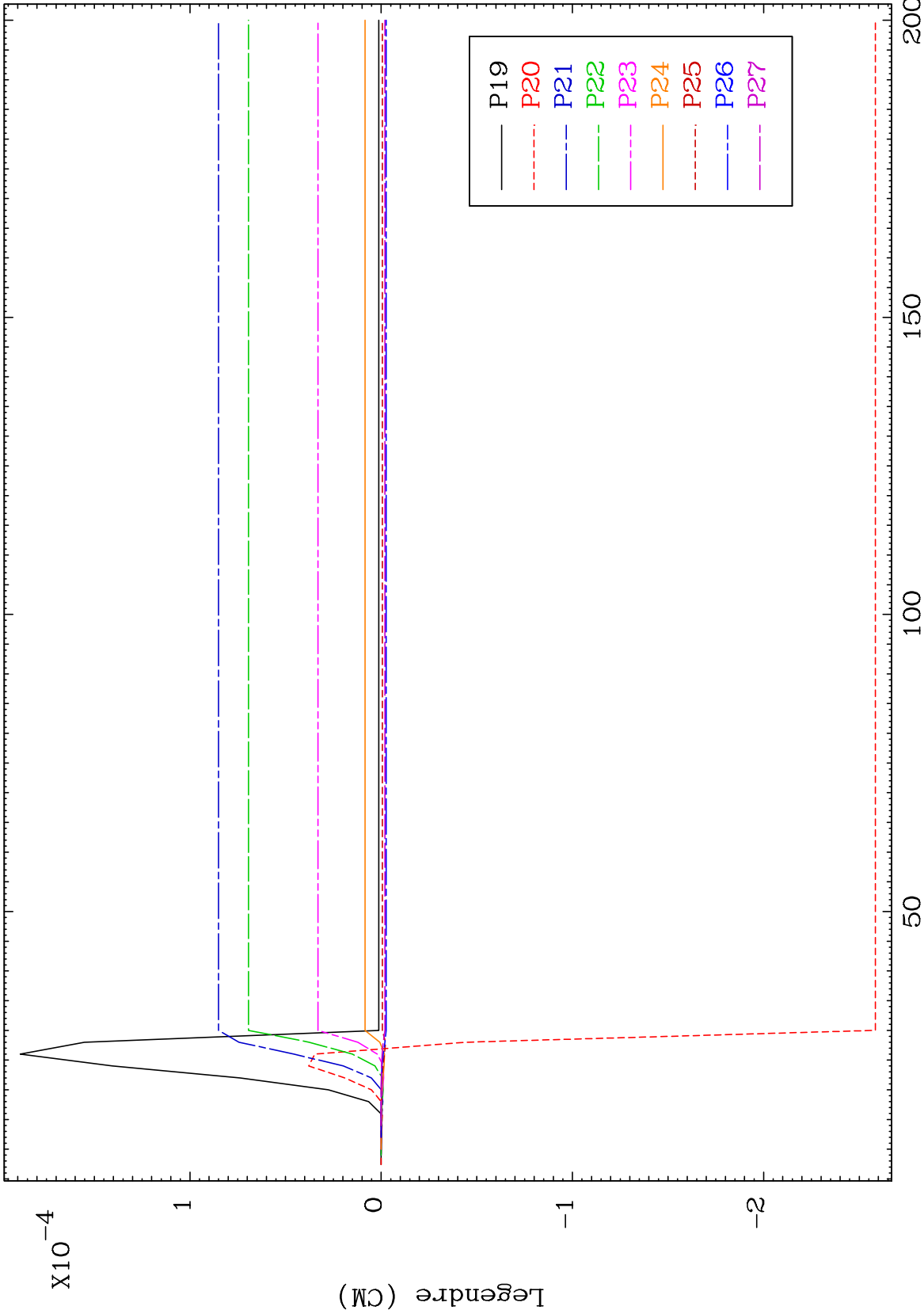
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194

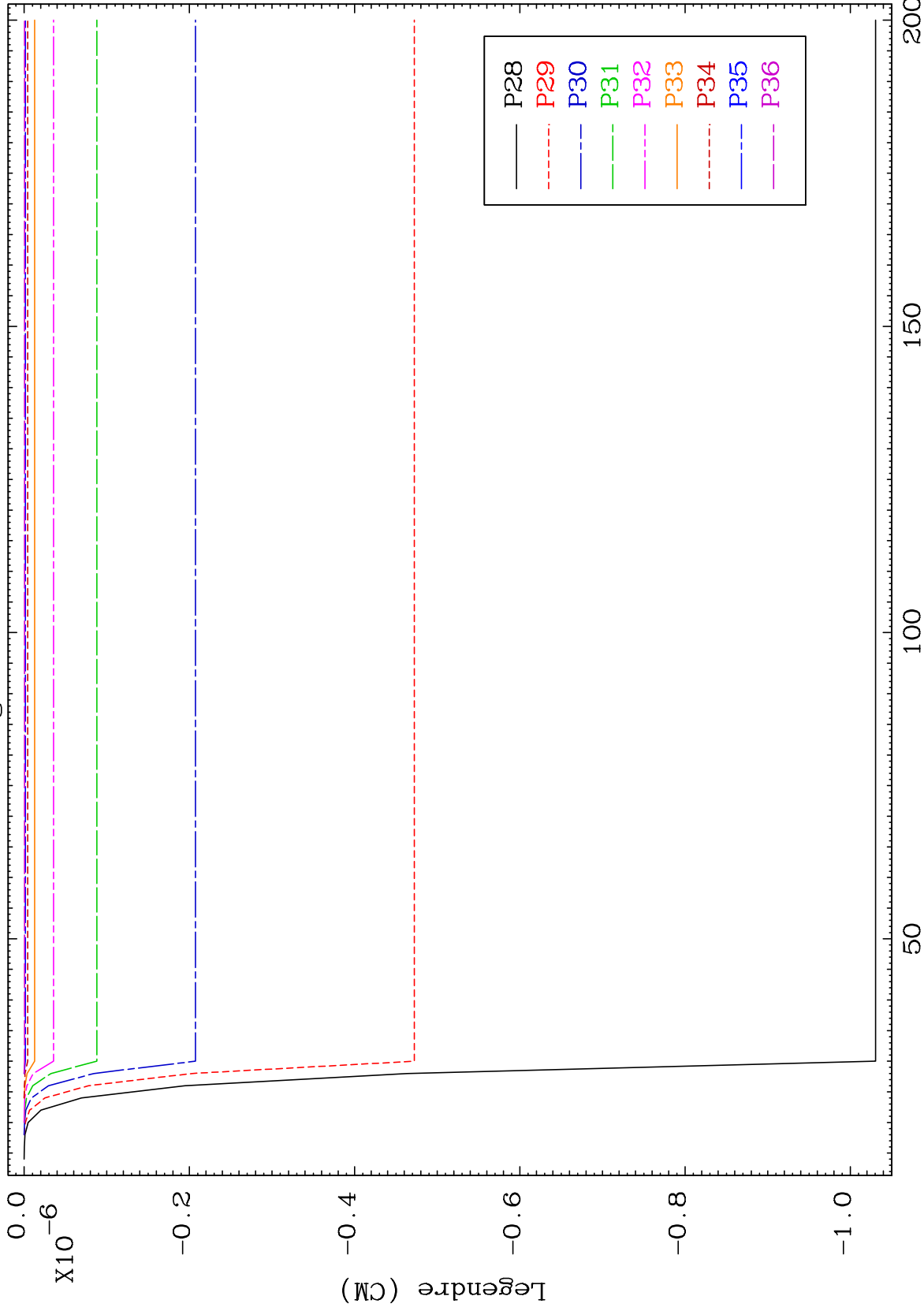


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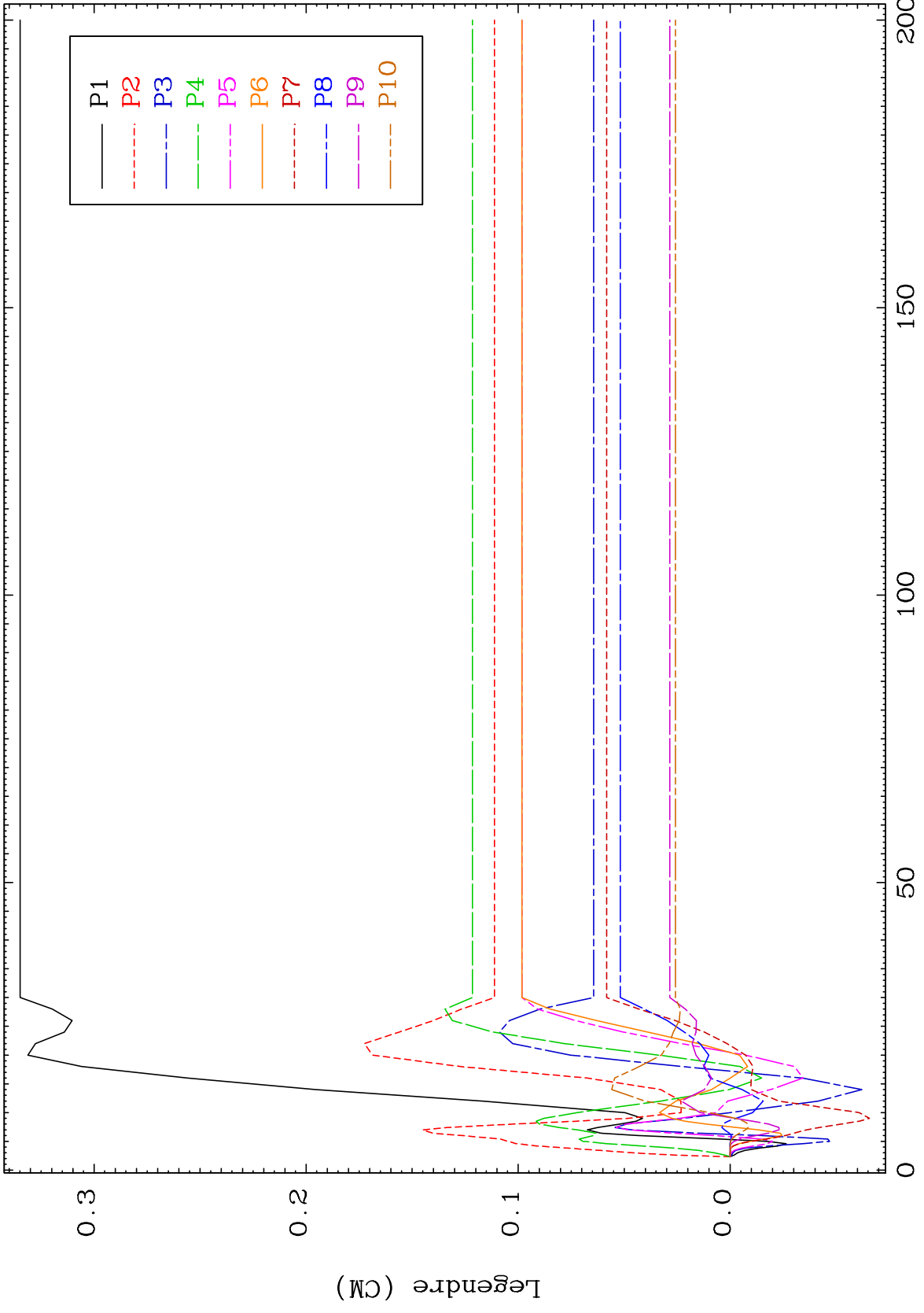
82-Pb-194

MAT 8195 MT= 60 (n, n') Level 82-Pb-194

Legendre Coefficients



MAT 8195 MT= 61 (n,n') Level Legendre Coefficients 82-Pb-194

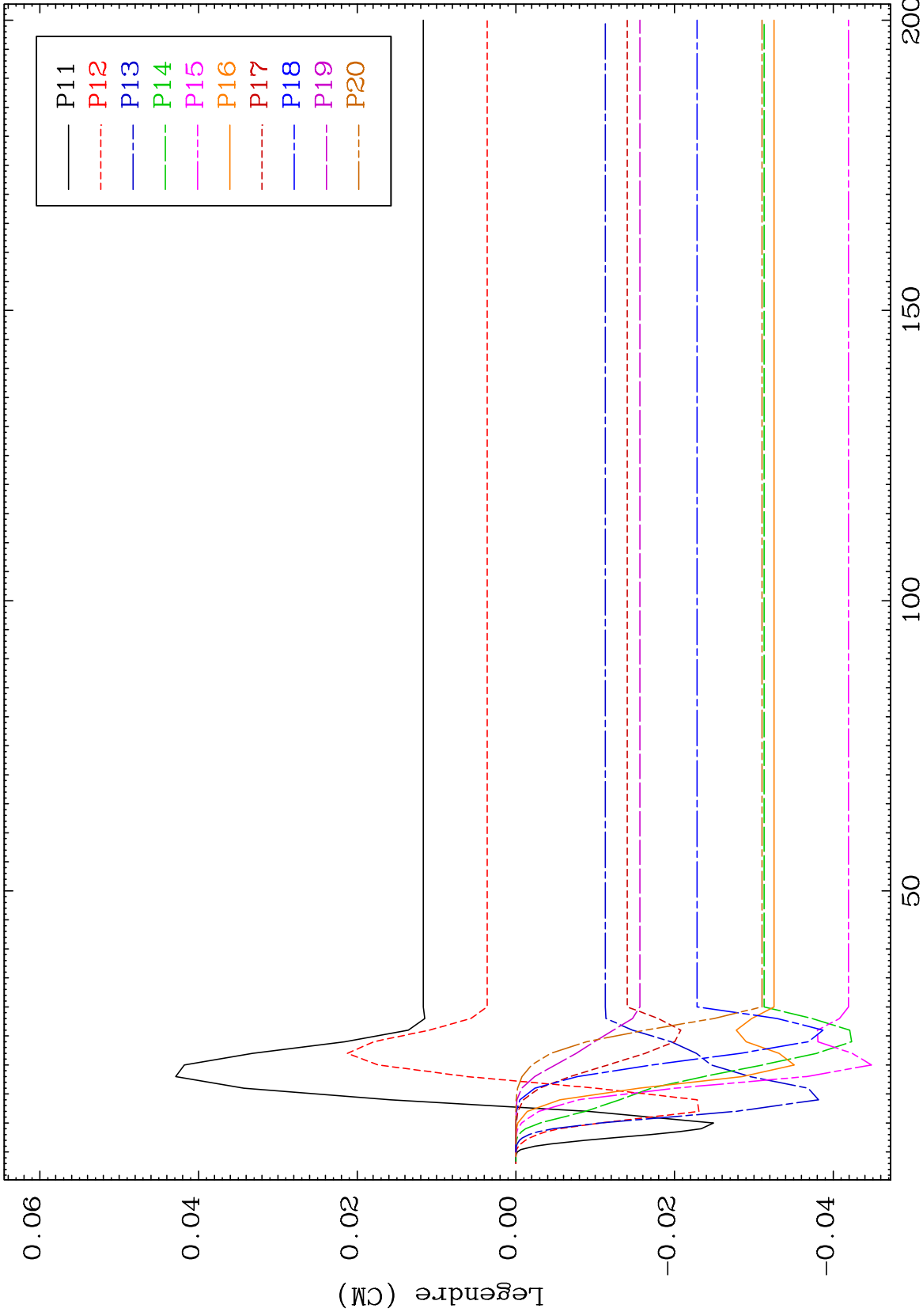


55 100 150 200 82-Pb-194

MAT 8195

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

82-Pb-194



56

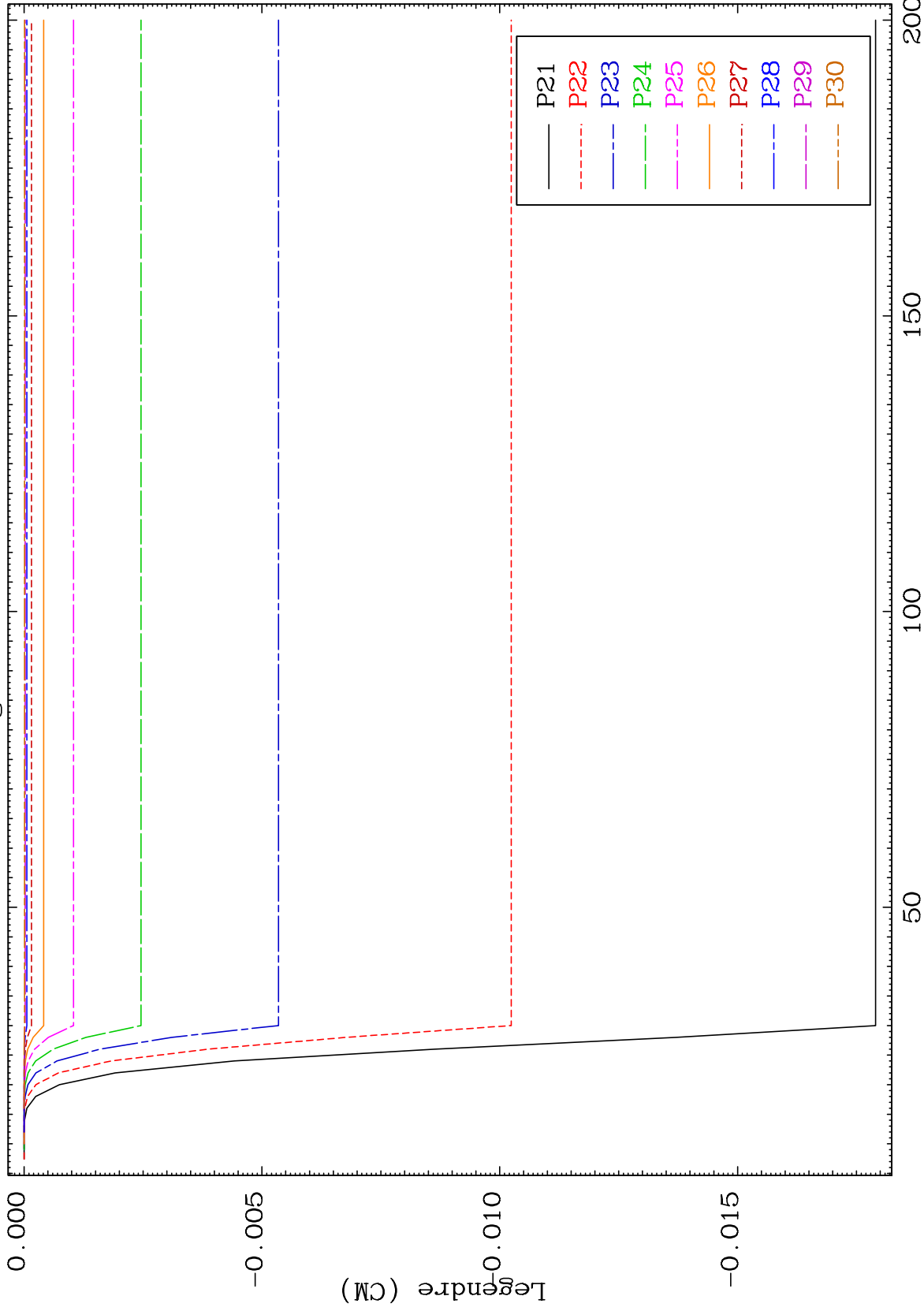
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



82-Pb-194

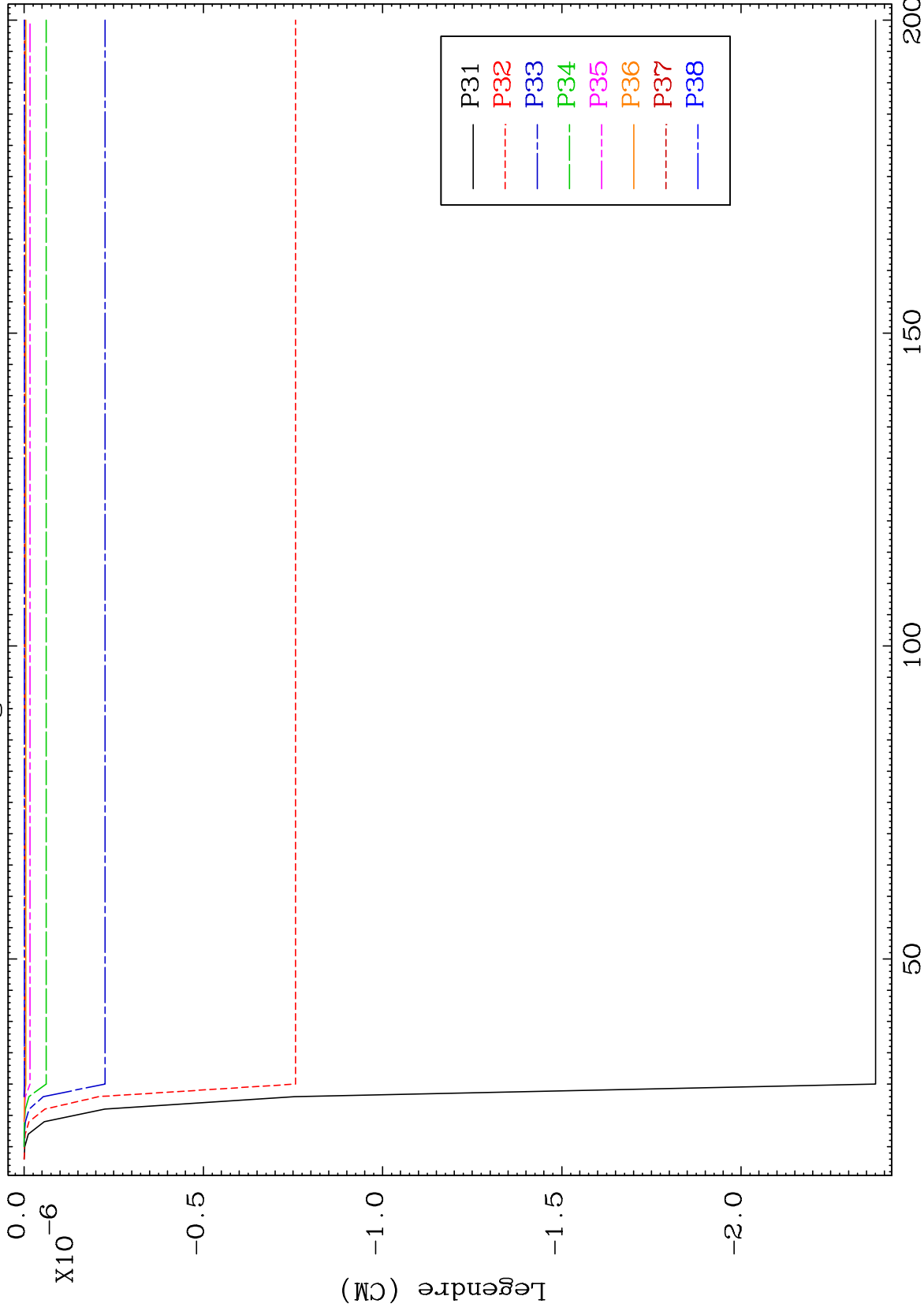
Incident Energy (MeV)

57

MAT 8195

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

82-Pb-194



82-Pb-194

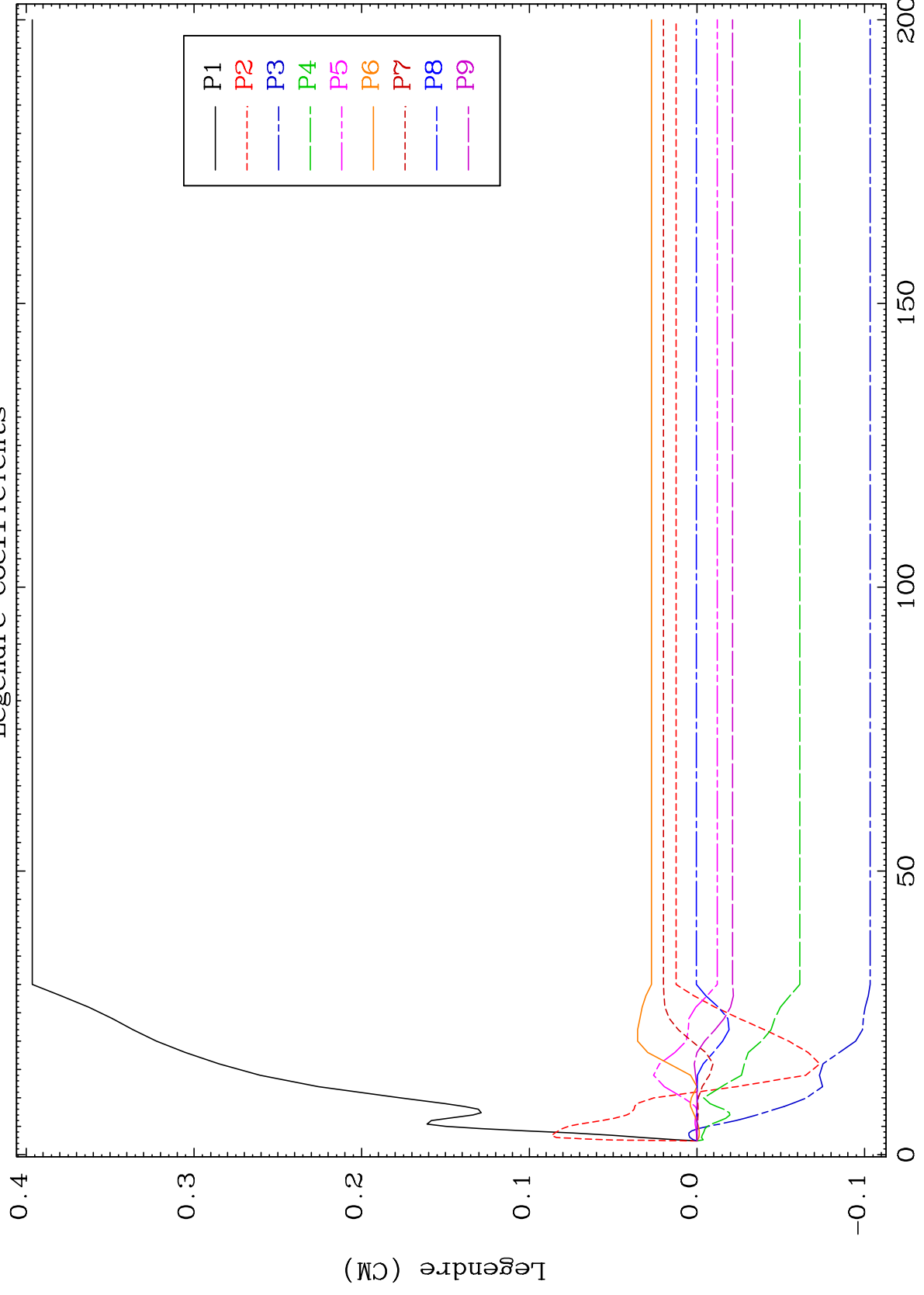
Incident Energy (MeV)

58

MAT 8195

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

82-Pb-194



59

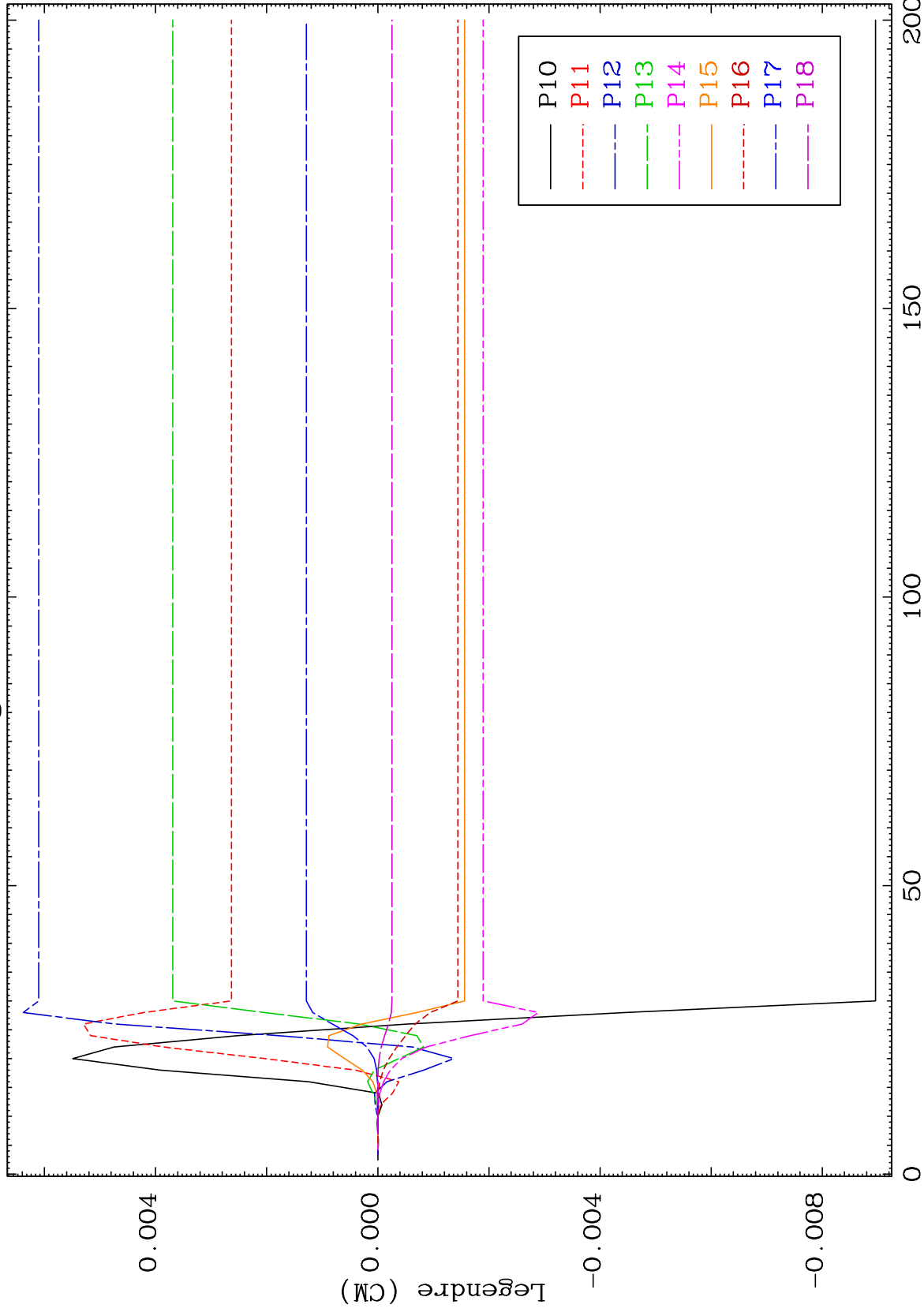
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



60

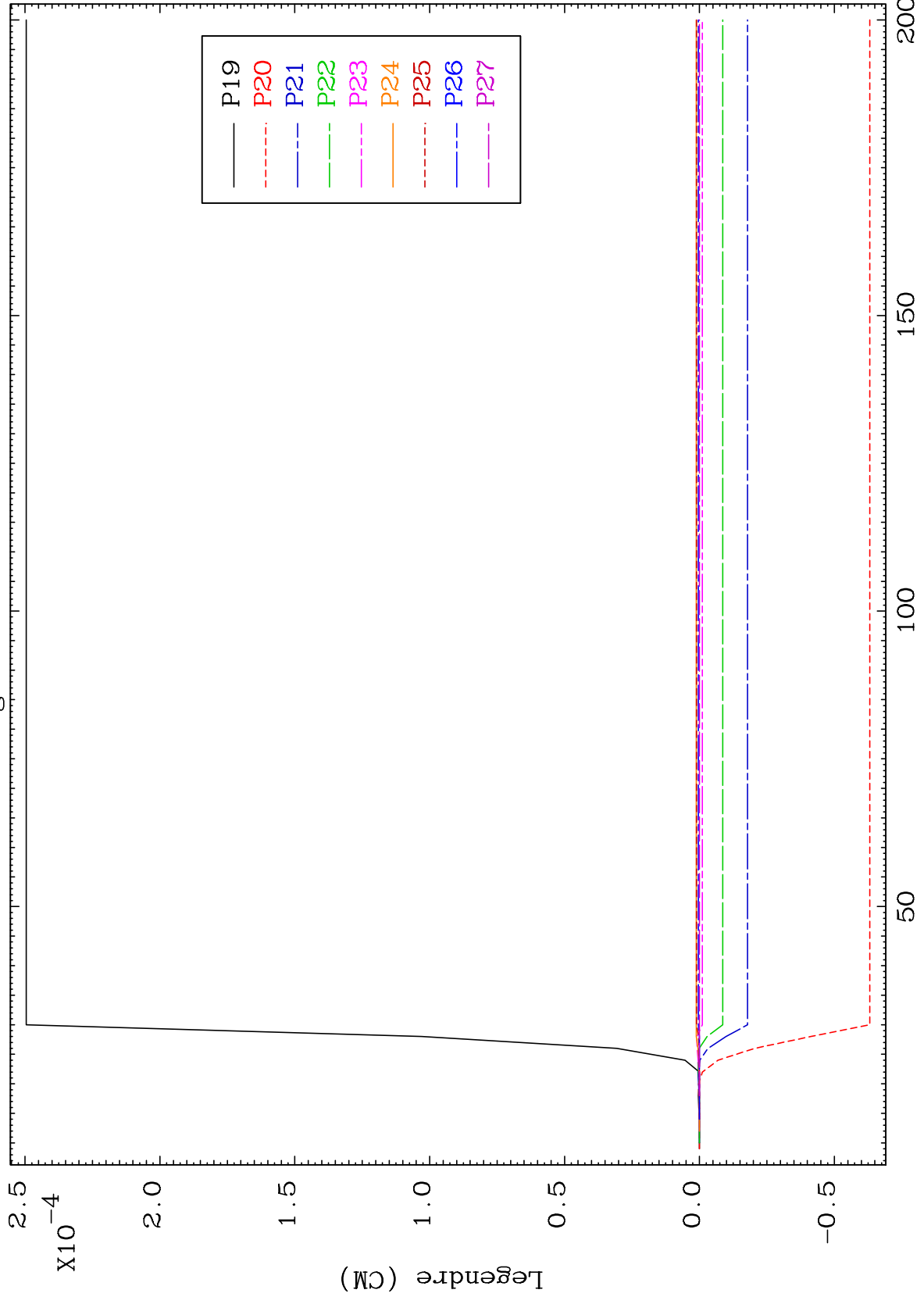
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



61

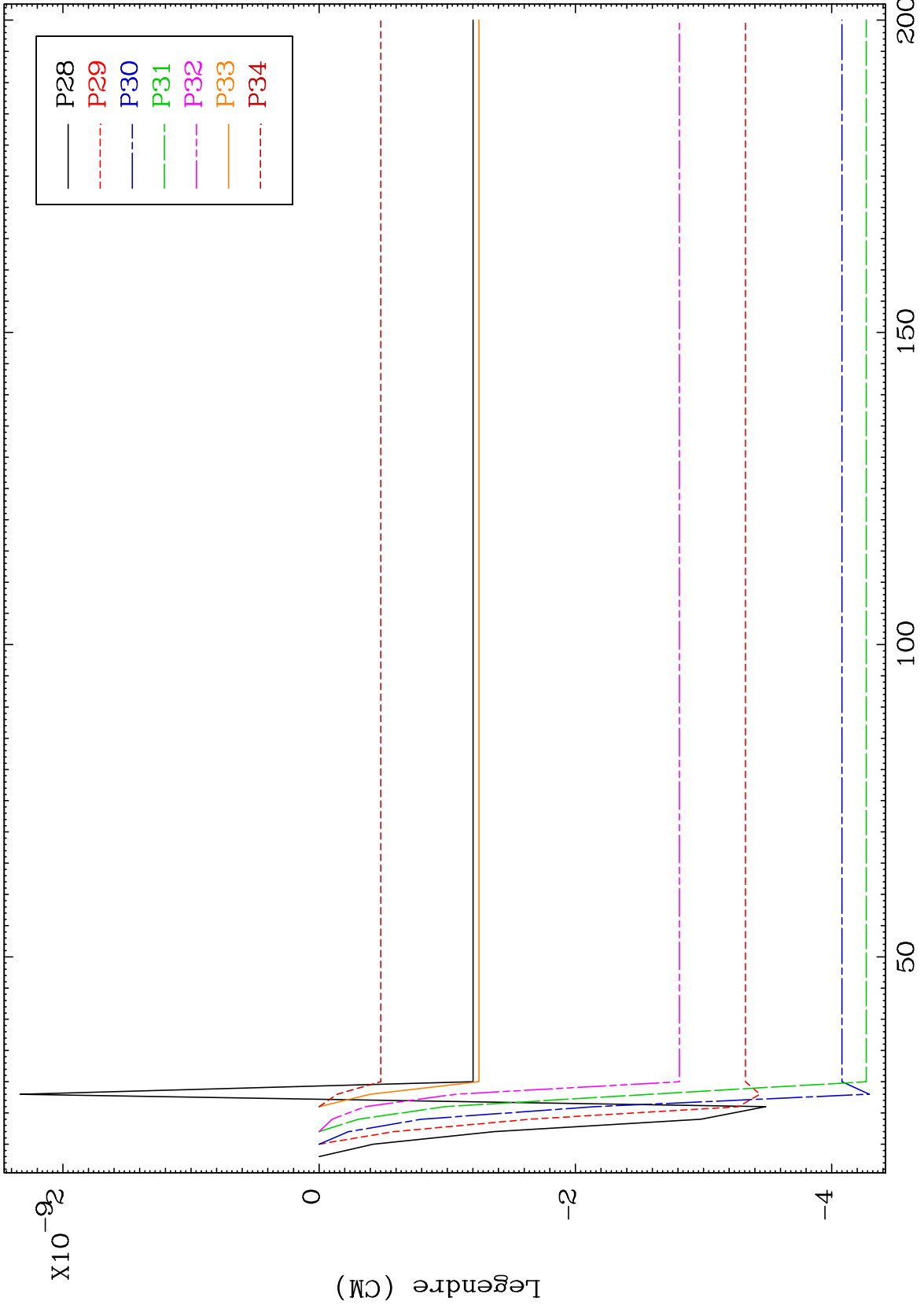
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194



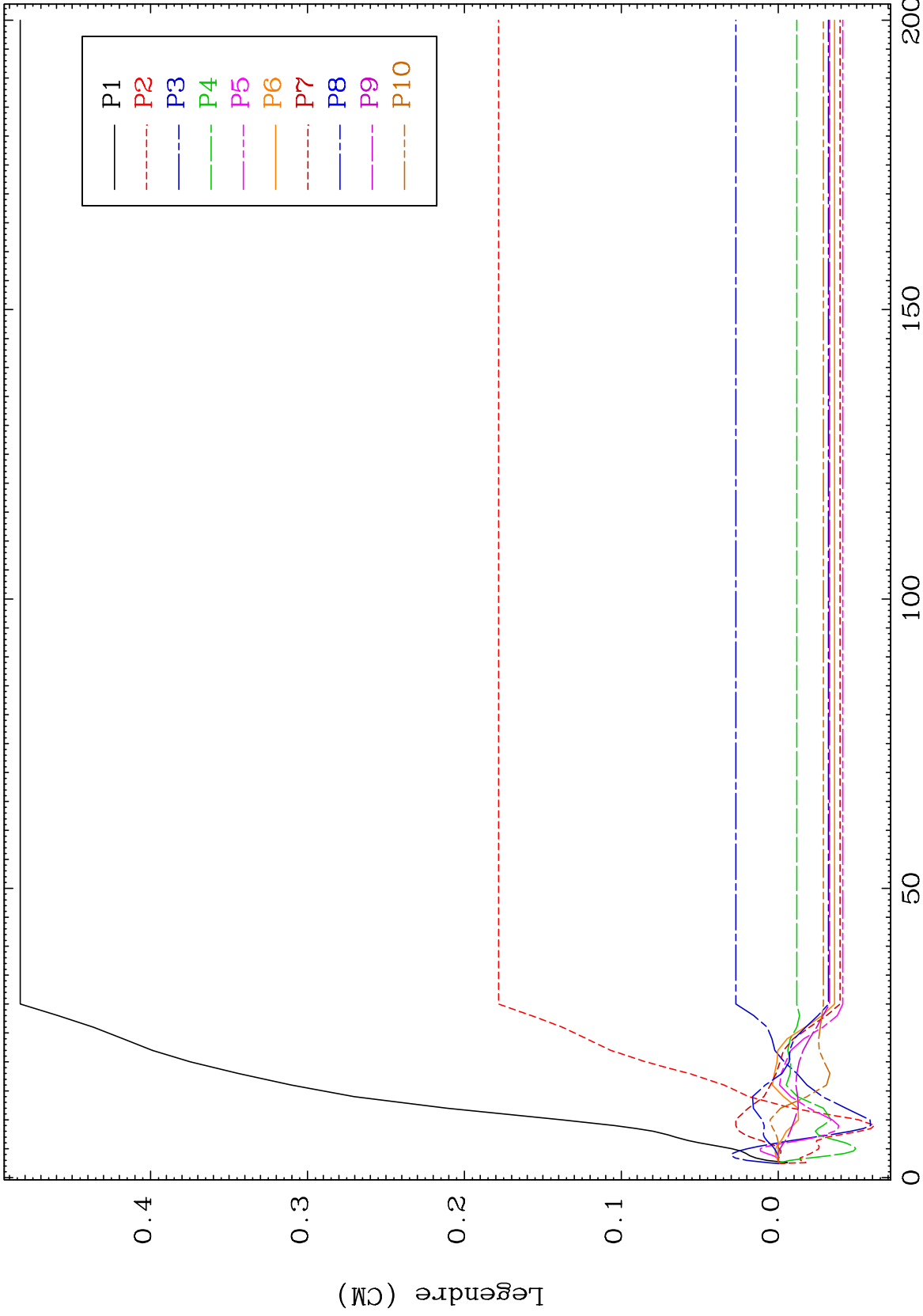
62

82-Pb-194

MAT 8195

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

82-Pb-194



63

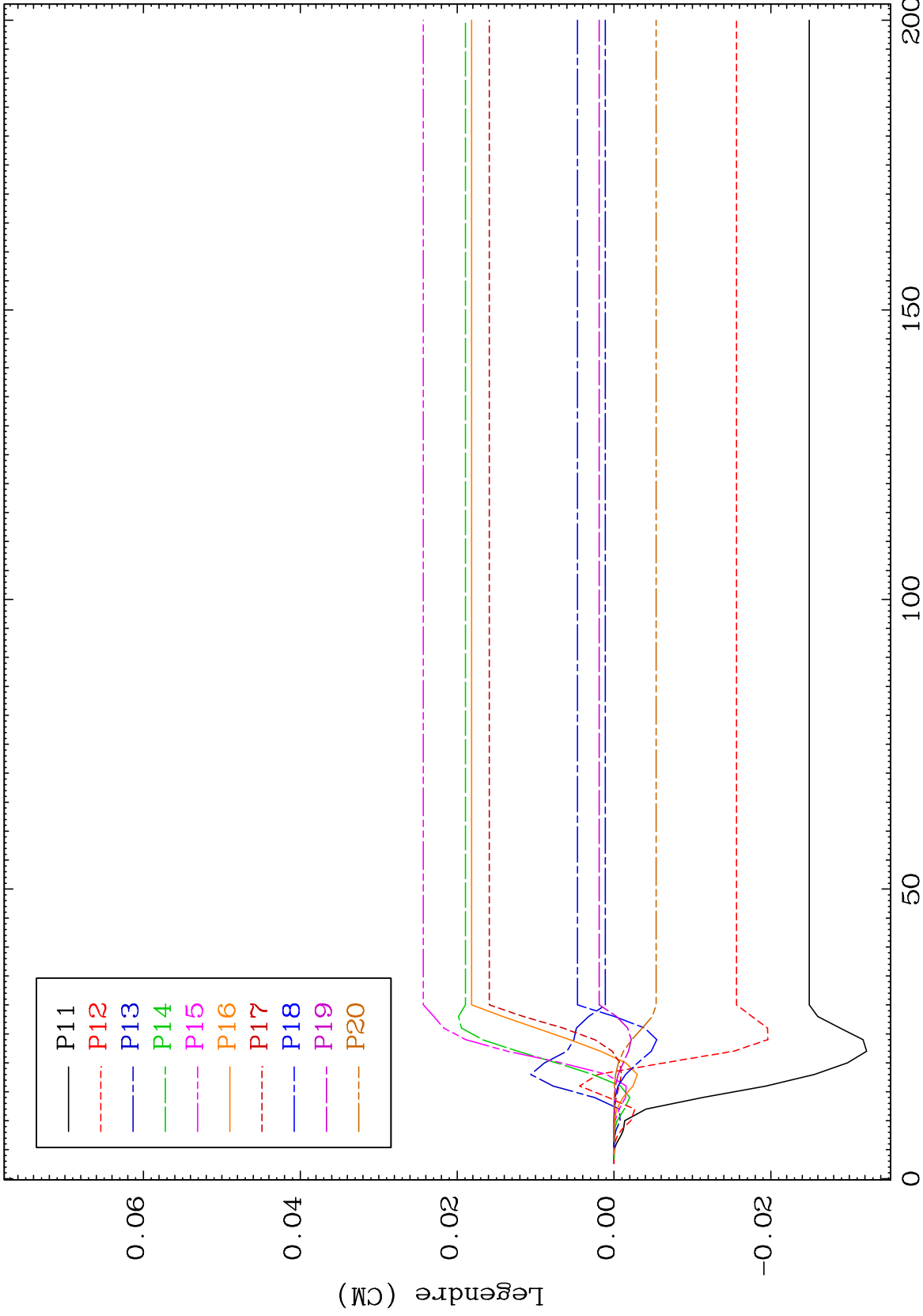
Incident Energy (MeV)

82-Pb-194

MAT 8195

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

82-Pb-194

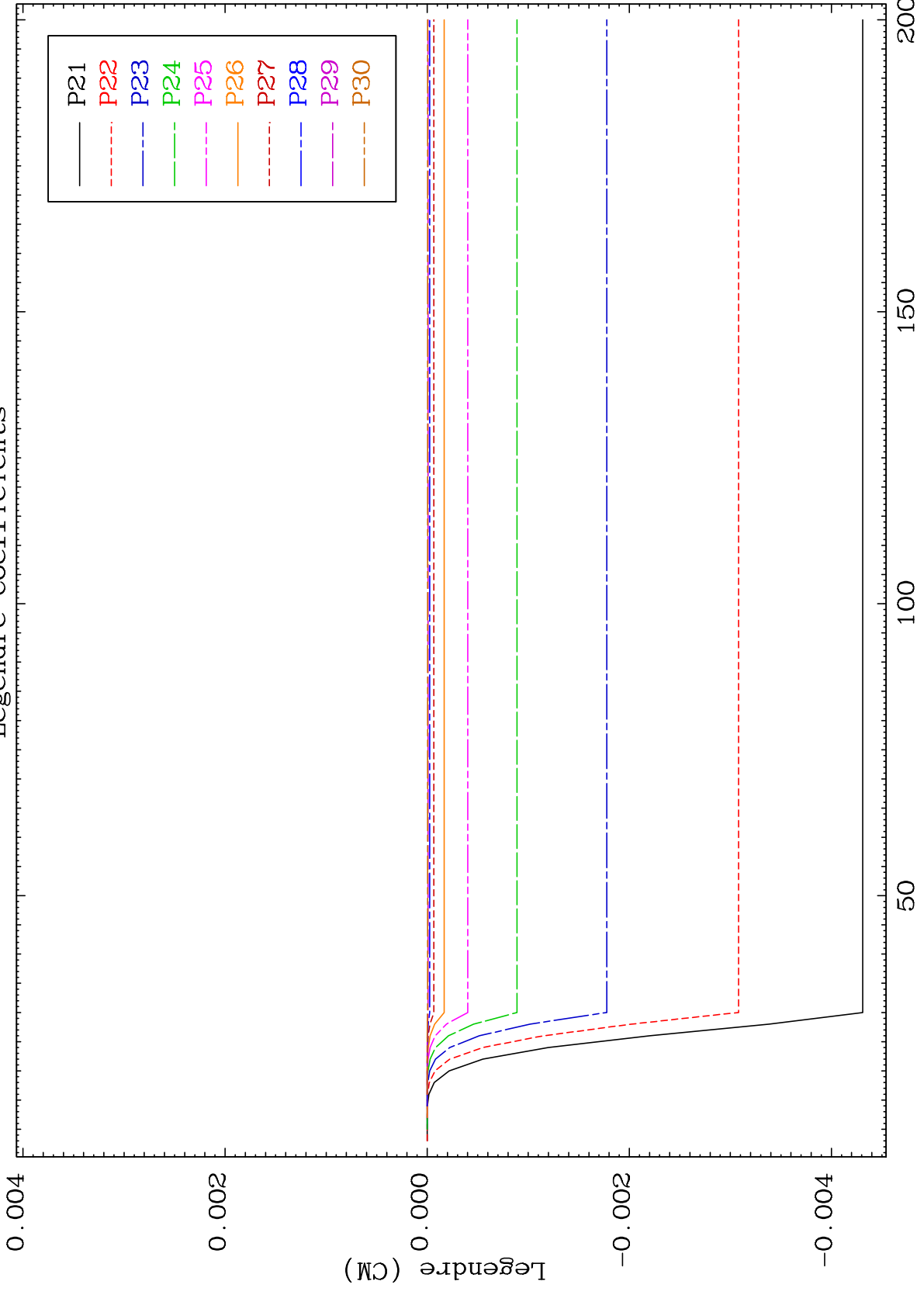


64

Incident Energy (MeV)

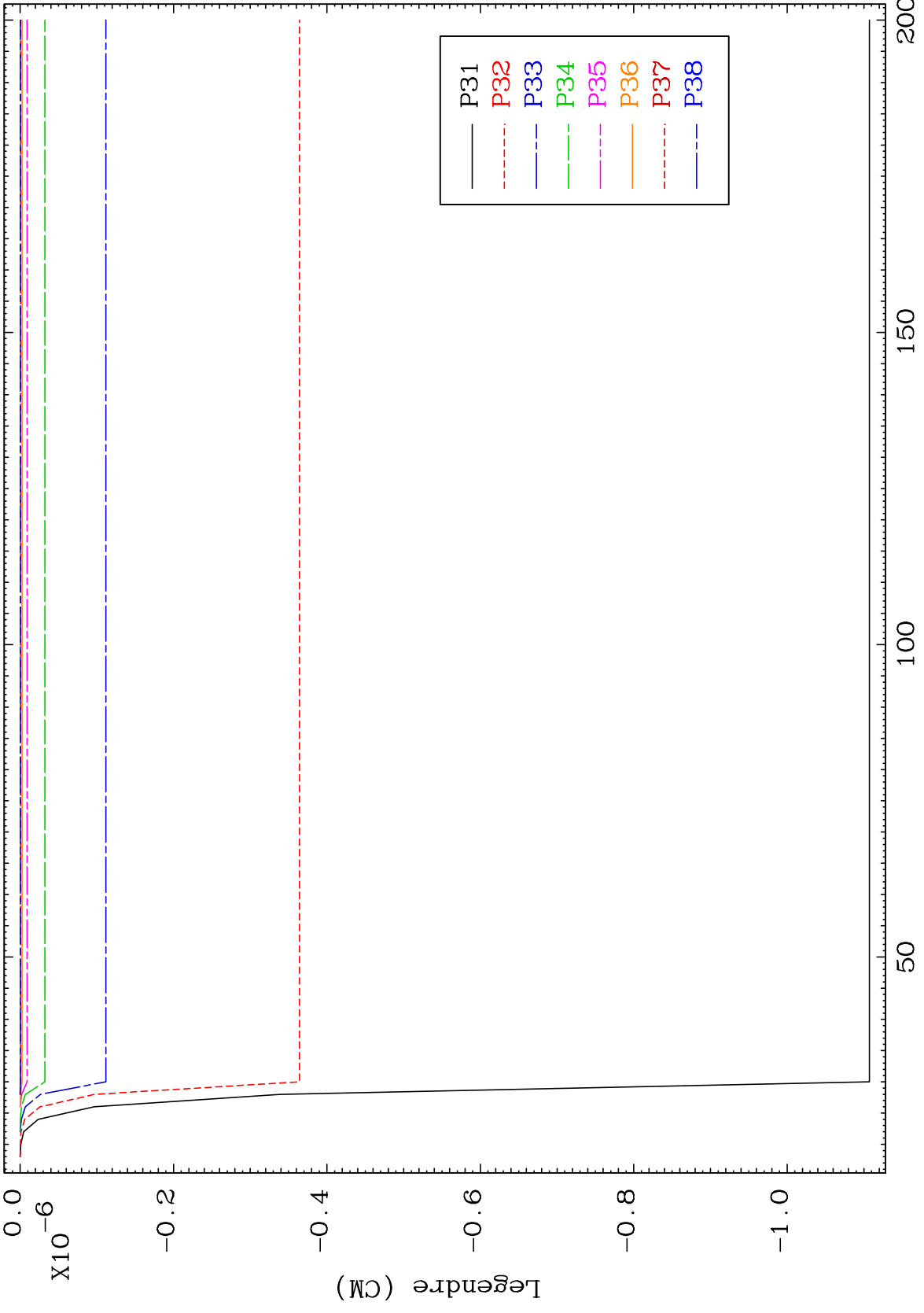
82-Pb-194

MAT 8195 MT= 63 (n,n') Level Legendre Coefficients 82-Pb-194



65 82-Pb-194

MAT 8195 MT= 63 (n,n') Level Legendre Coefficients 82-Pb-194

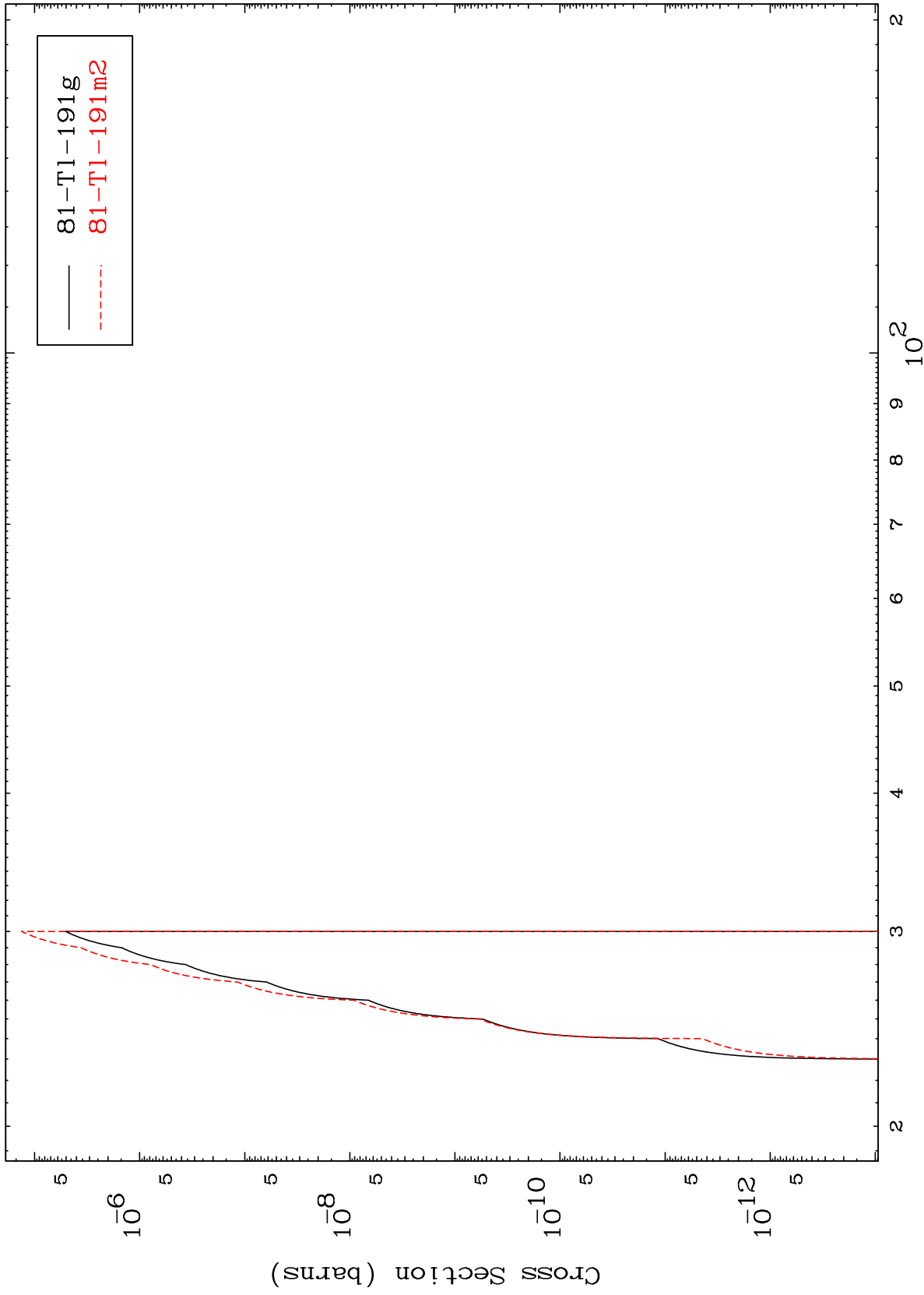


MAT 8195

(n,2n) d

82-Pb-194

Radionuclide Production Cross Section



67

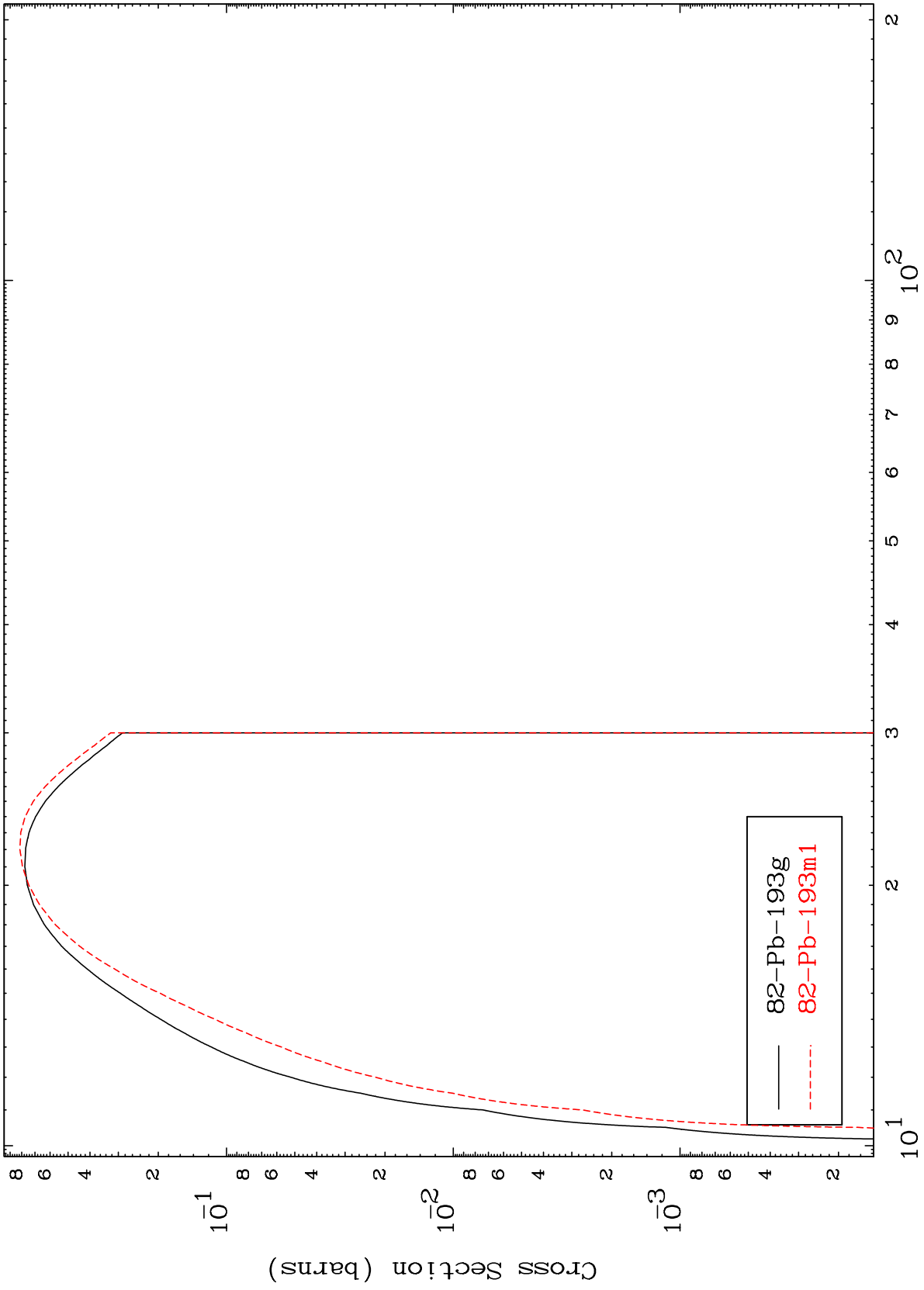
Incident Energy (MeV)

82-Pb-194

MAT 8195

82-Pb-194

(n,2n)
Radionuclide Production Cross Section



68

Incident Energy (MeV)

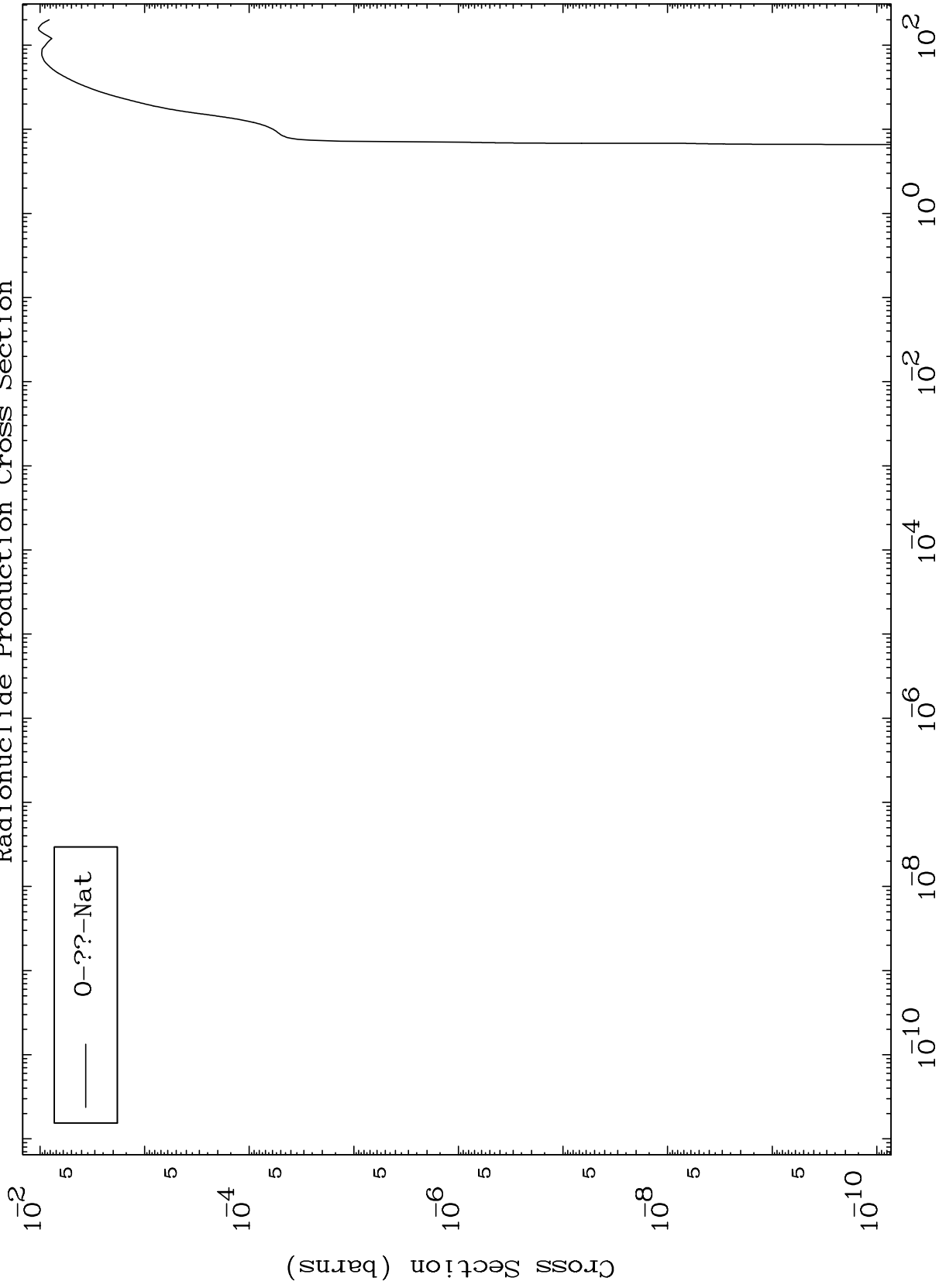
82-Pb-194

MAT 8195

Fission

82-Pb-194

Radionuclide Production Cross Section



69

Incident Energy (MeV)

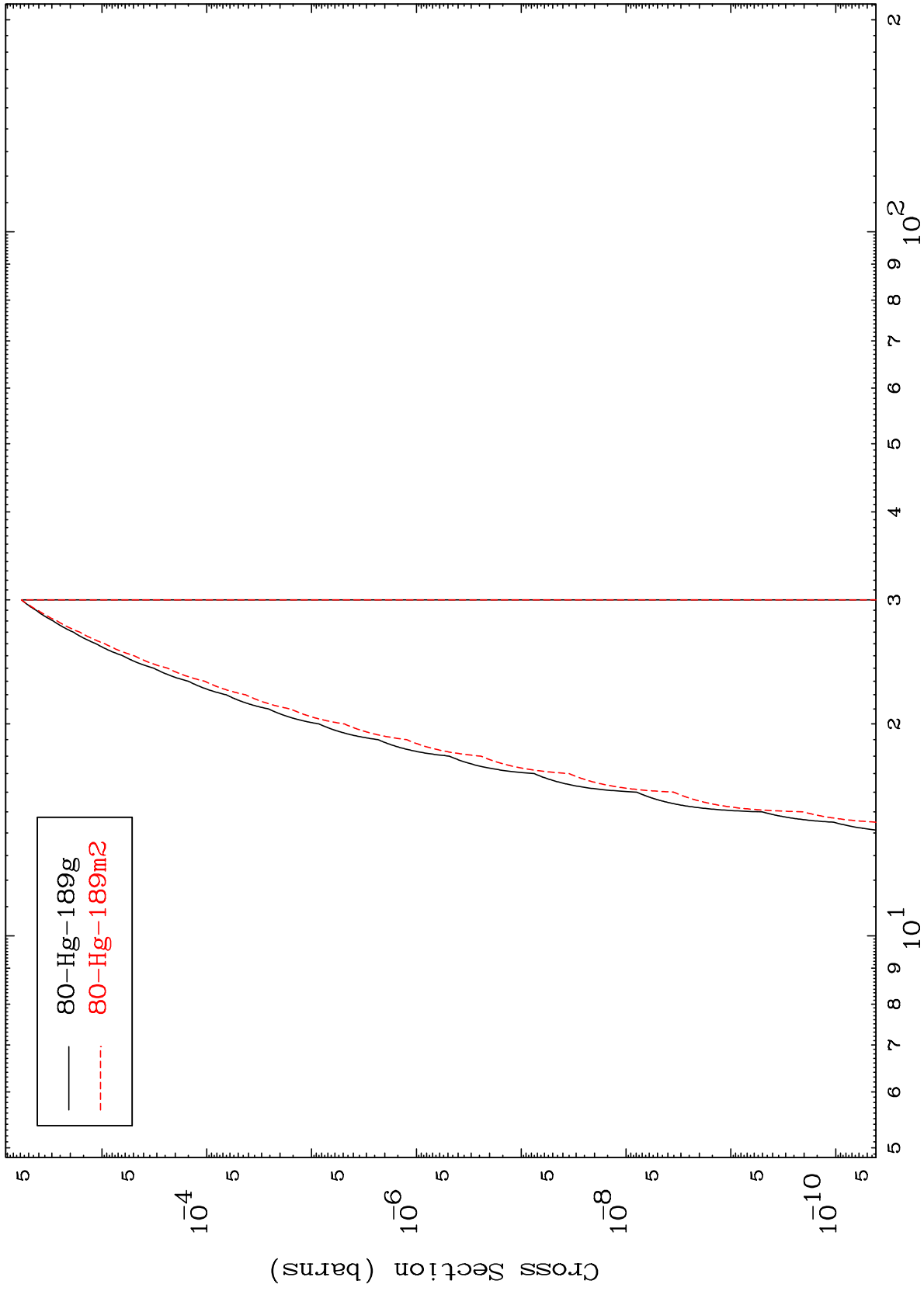
82-Pb-194

MAT 8195

(n,2n) α

82-Pb-194

Radionuclide Production Cross Section



70

Incident Energy (MeV)

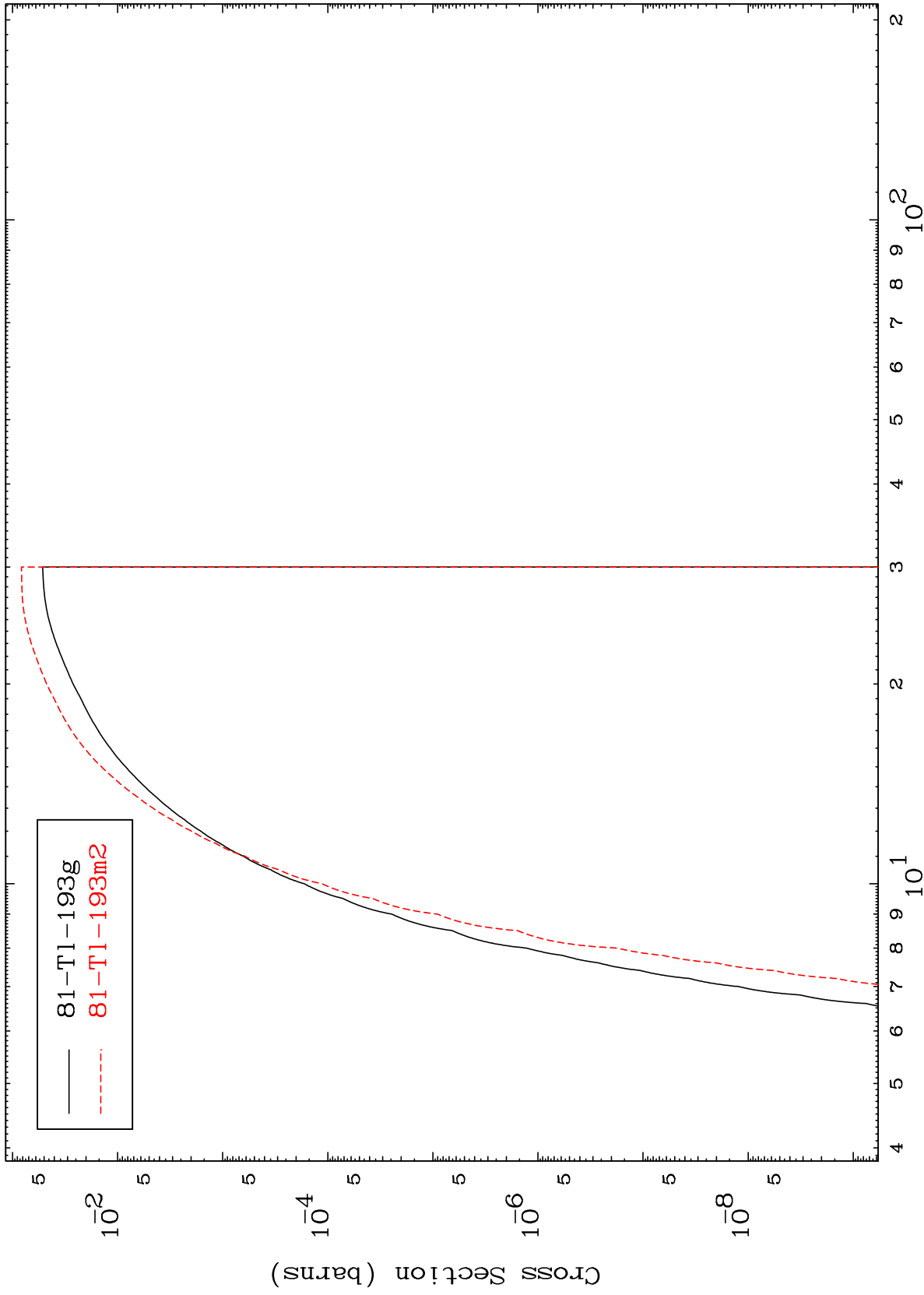
82-Pb-194

MAT 8195

(n,n') p

82-Pb-194

Radionuclide Production Cross Section



71

Incident Energy (MeV)

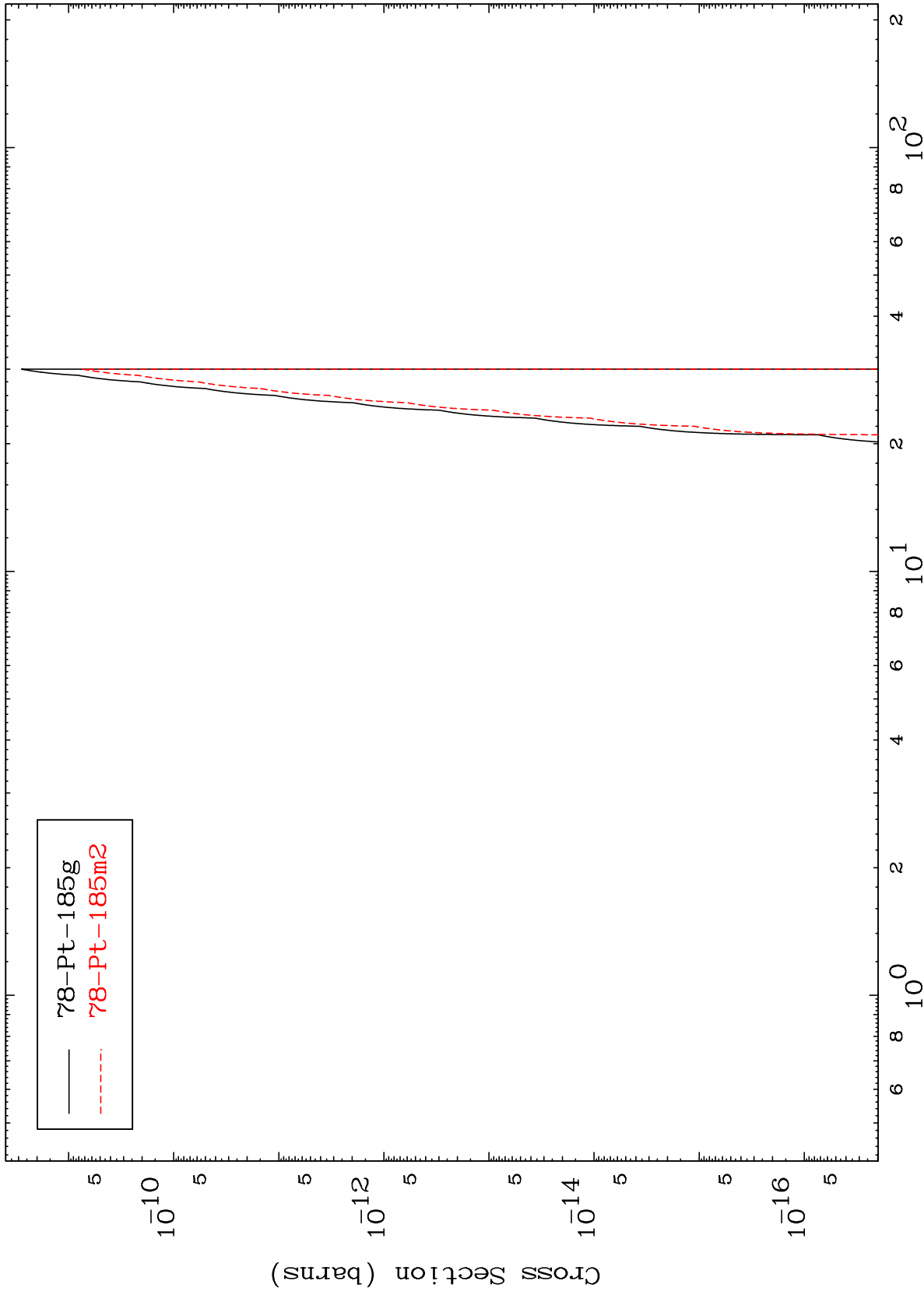
82-Pb-194

MAT 8195

(n,2n) 2 α

82-Pb-194

Radionuclide Production Cross Section



72

Incident Energy (MeV)

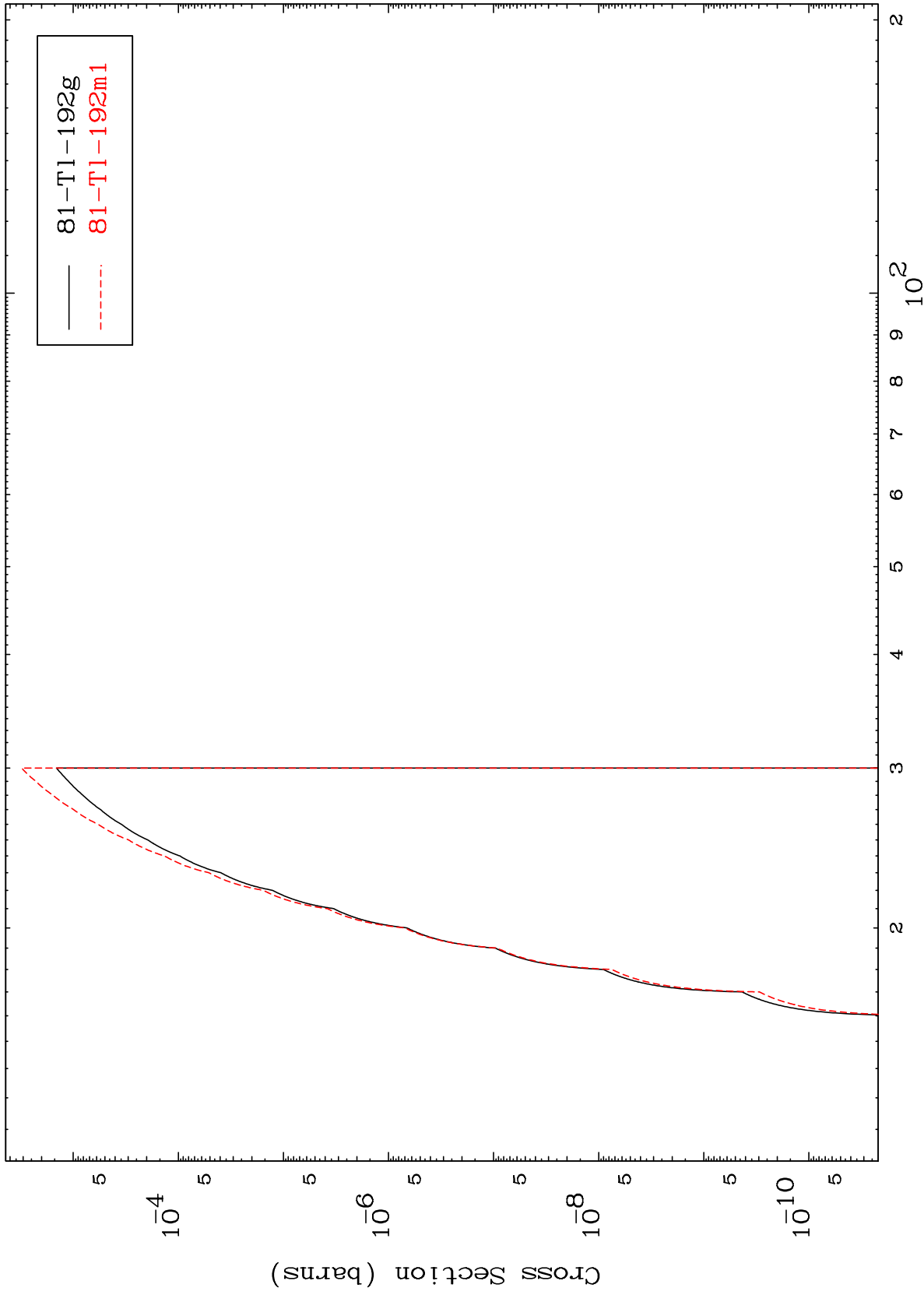
82-Pb-194

MAT 8195

(n, n') d

82-Pb-194

Radionuclide Production Cross Section



73

Incident Energy (MeV)

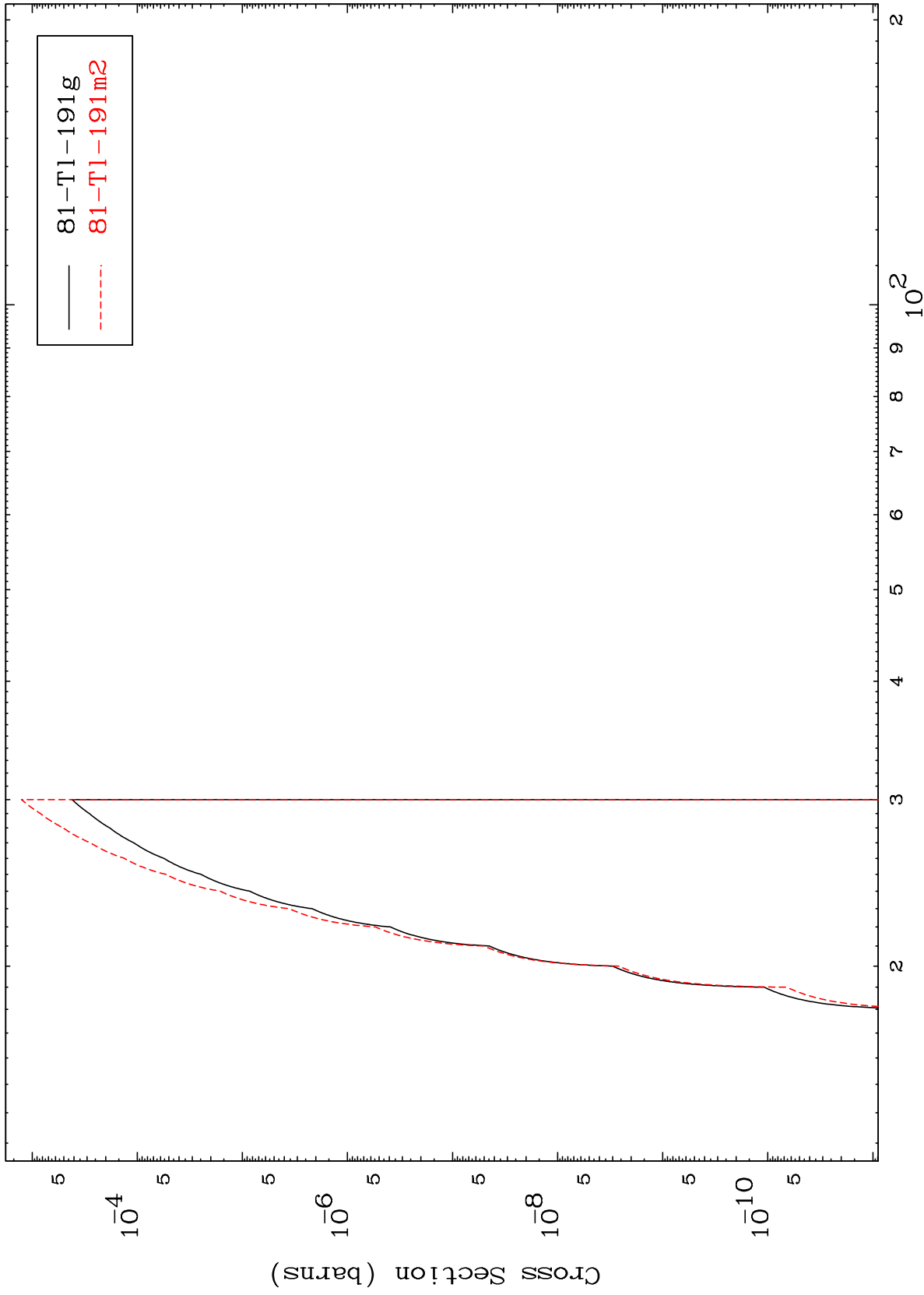
82-Pb-194

MAT 8195

(n,n') t

82-Pb-194

Radionuclide Production Cross Section



74

Incident Energy (MeV)

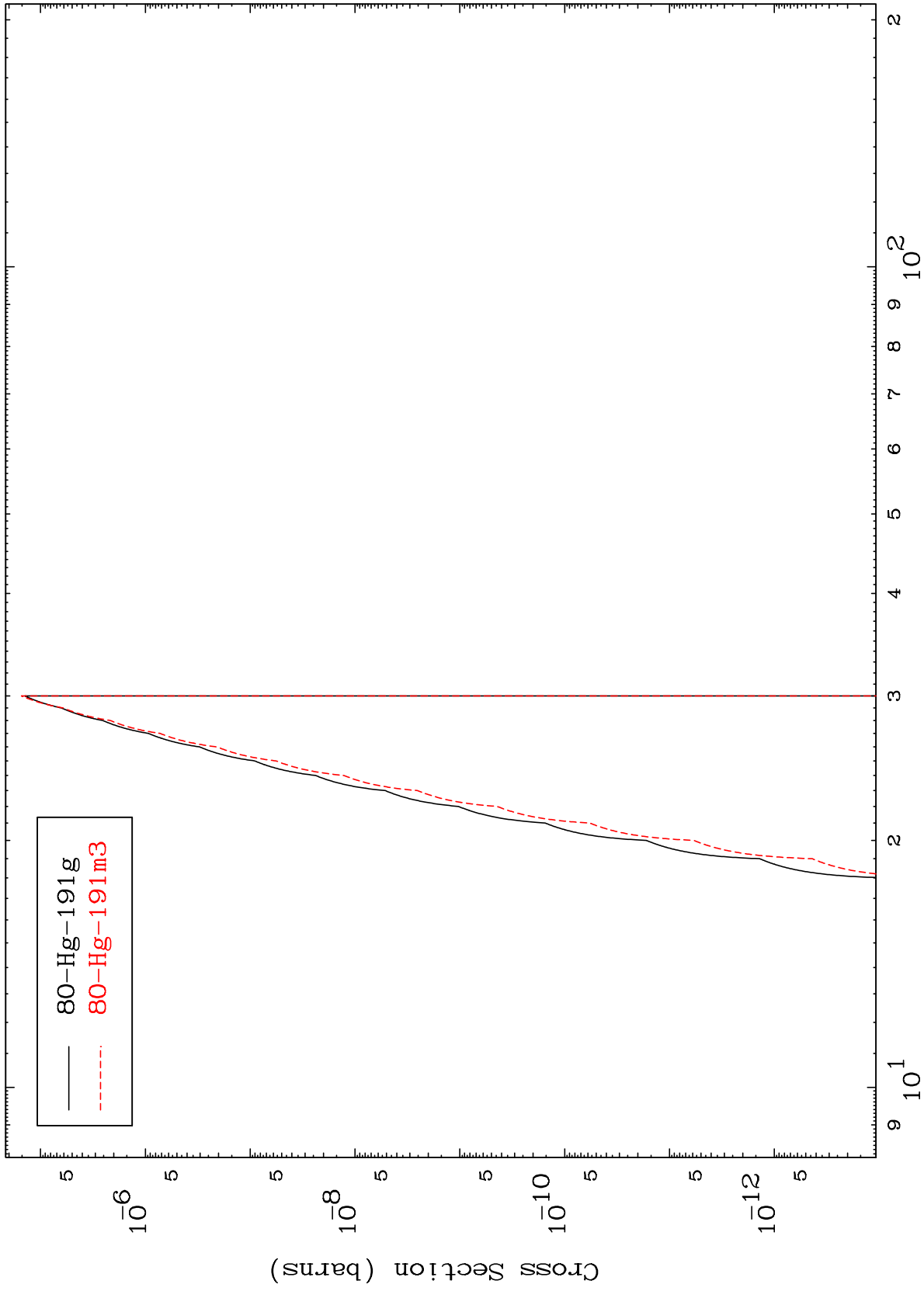
82-Pb-194

MAT 8195

(n, n') He-3

82-Pb-194

Radionuclide Production Cross Section



75

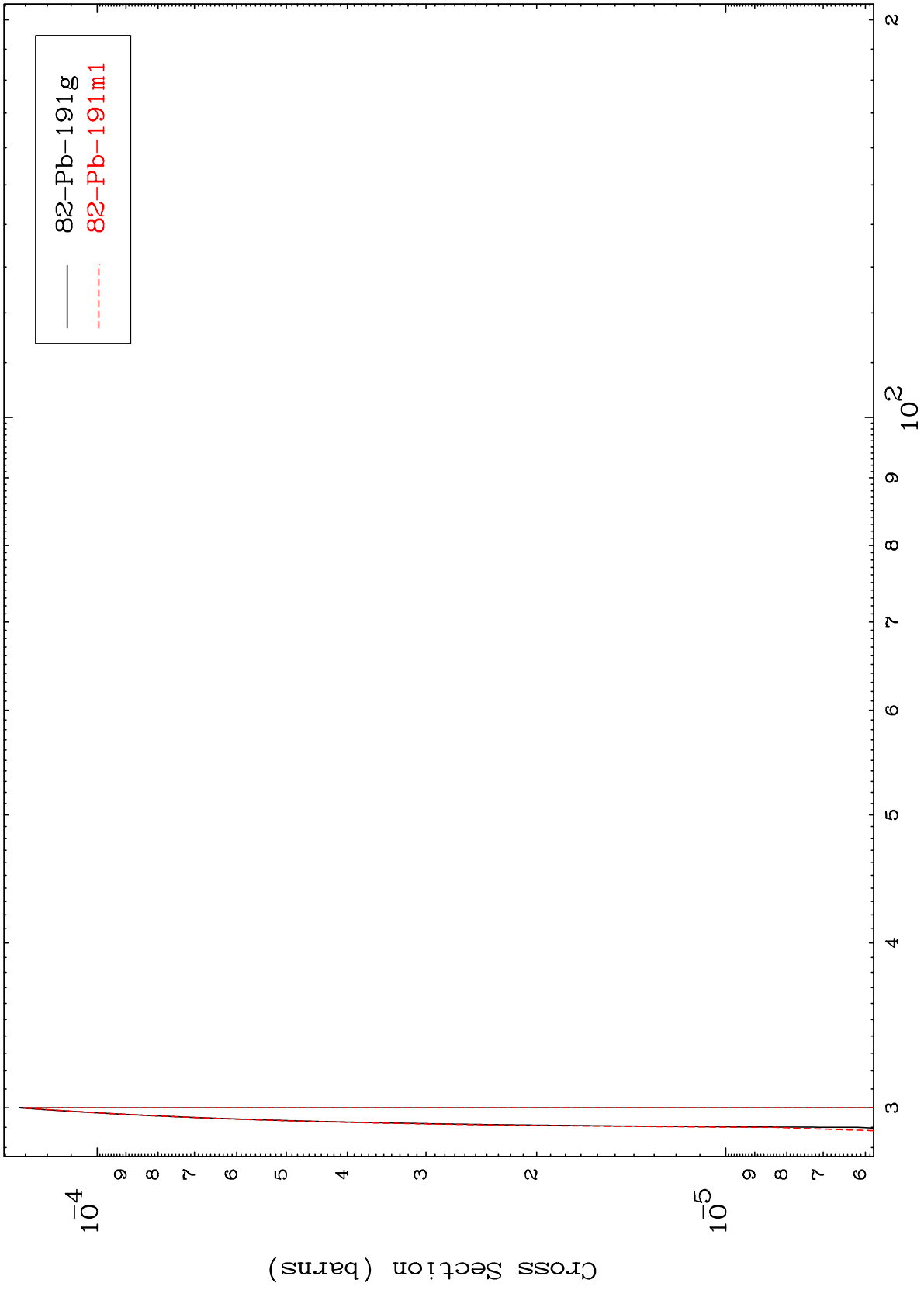
Incident Energy (MeV)

82-Pb-194

MAT 8195

82-Pb-194

(n,4n)
Radionuclide Production Cross Section



76

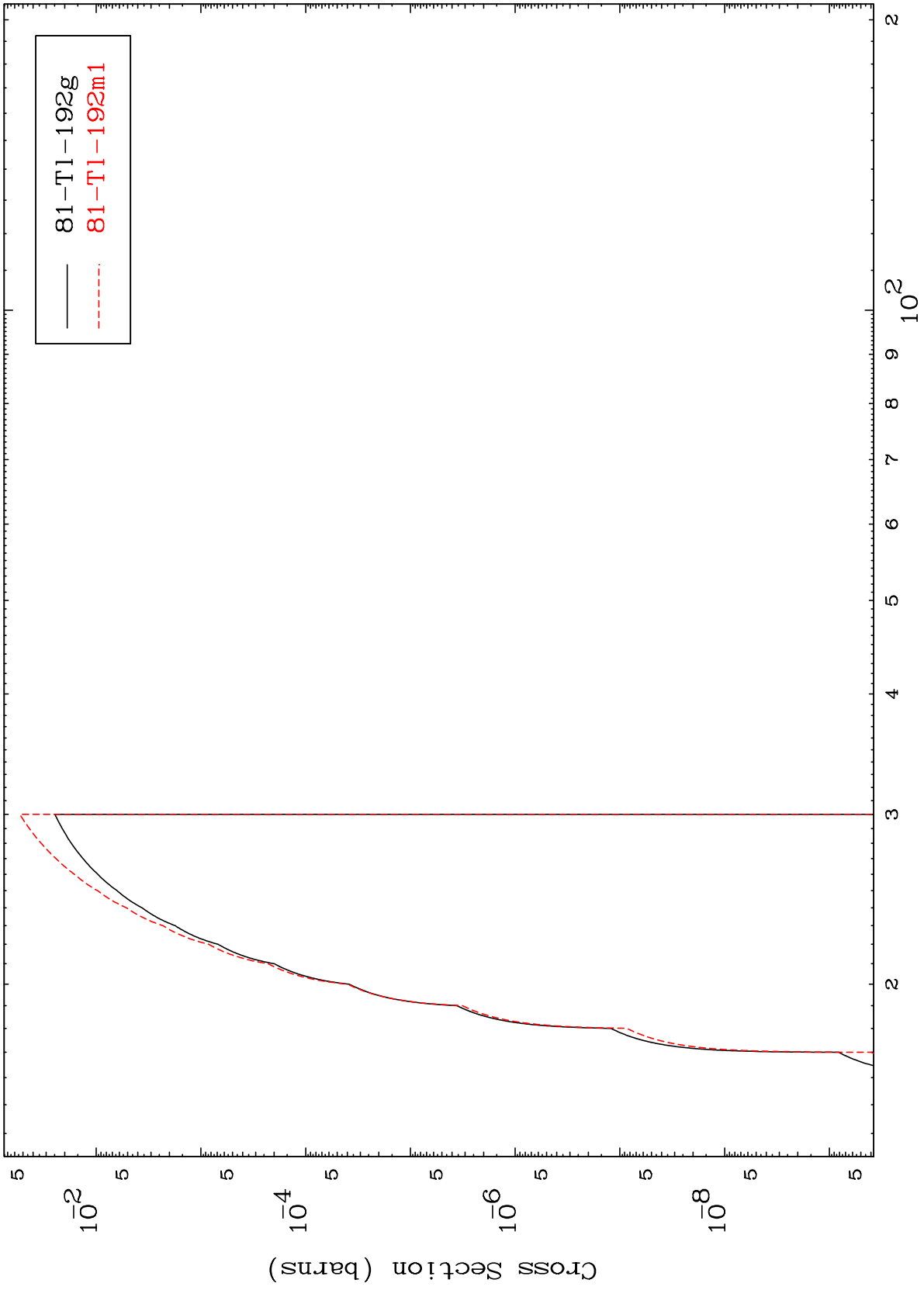
82-Pb-194

MAT 8195

(n,2n) p

82-Pb-194

Radionuclide Production Cross Section



77

Incident Energy (MeV)

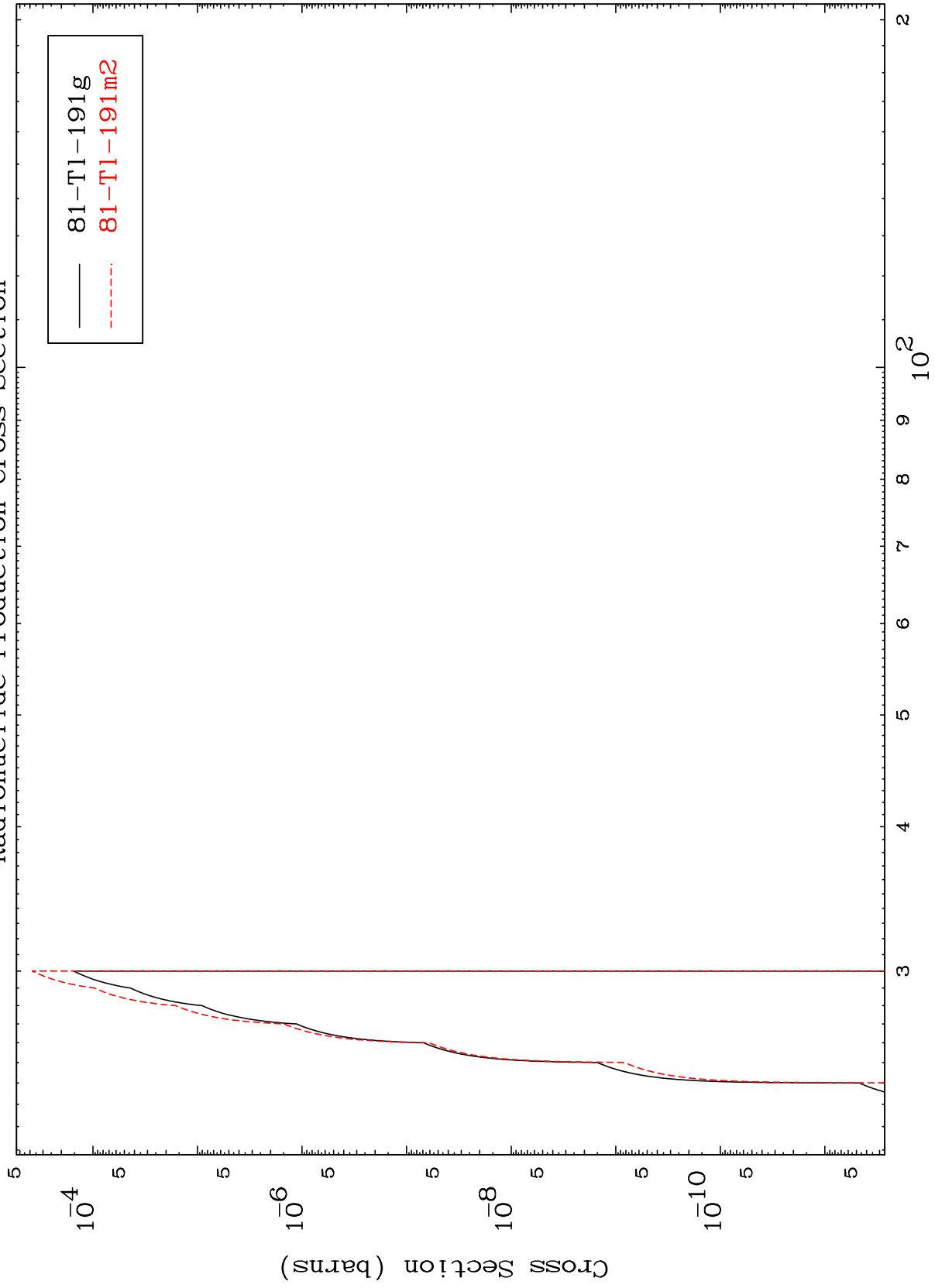
82-Pb-194

MAT 8195

(n,3n) p

82-Pb-194

Radionuclide Production Cross Section



78

Incident Energy (MeV)

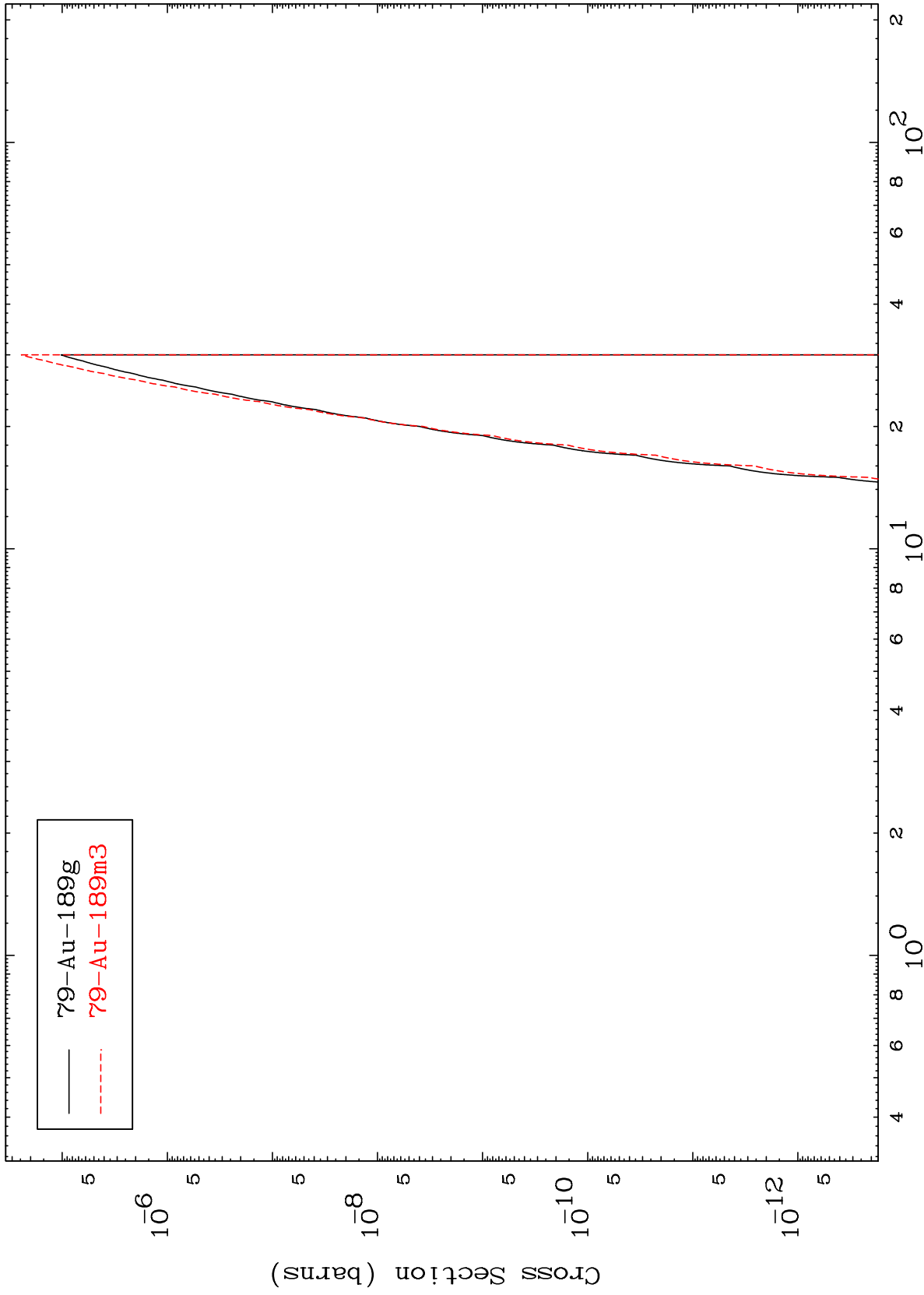
82-Pb-194

MAT 8195

(n,n') p α

82-Pb-194

Radionuclide Production Cross Section



79

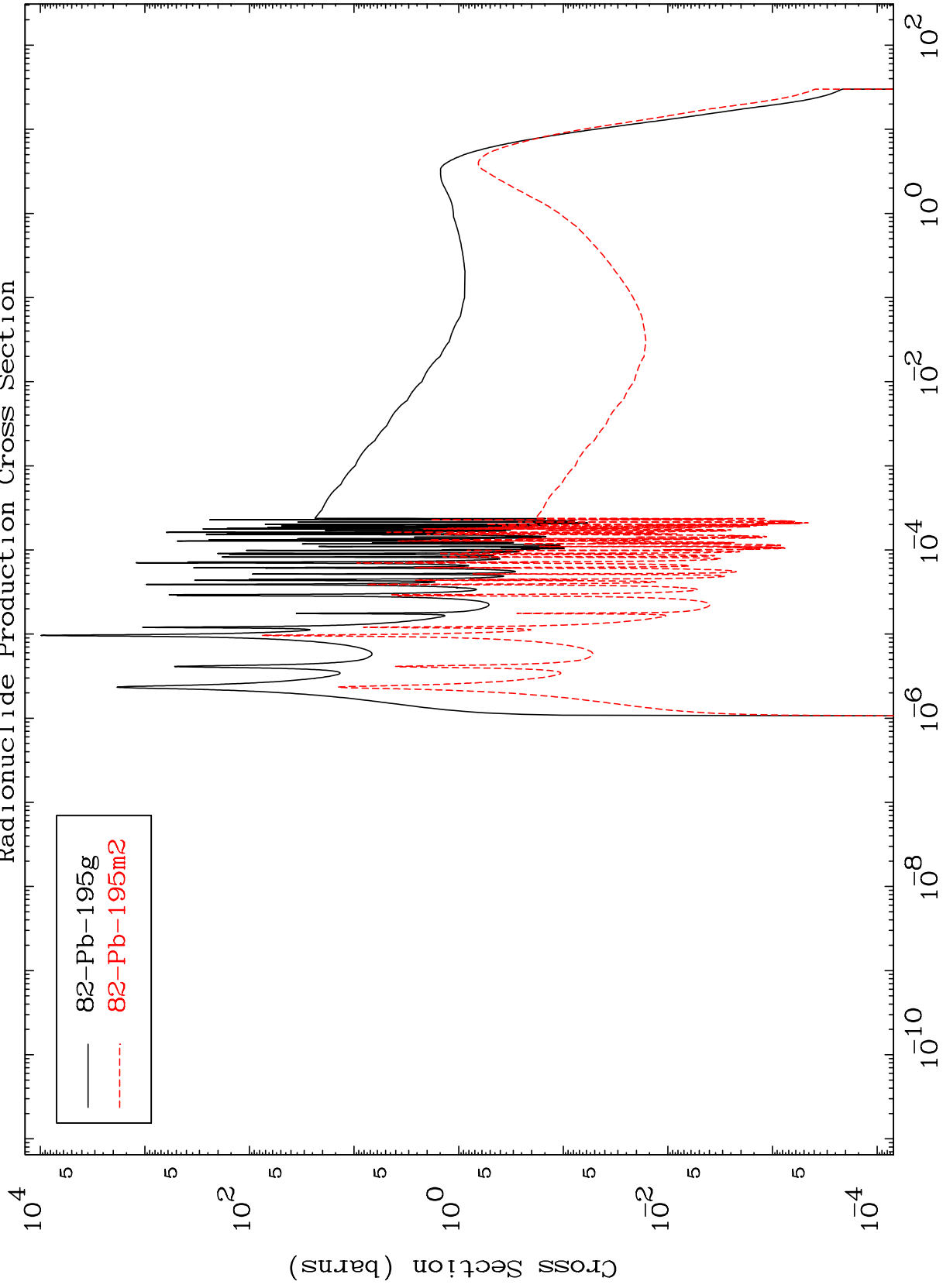
Incident Energy (MeV)

82-Pb-194

MAT 8195

82-Pb-194

Radionuclide Production Cross Section



80

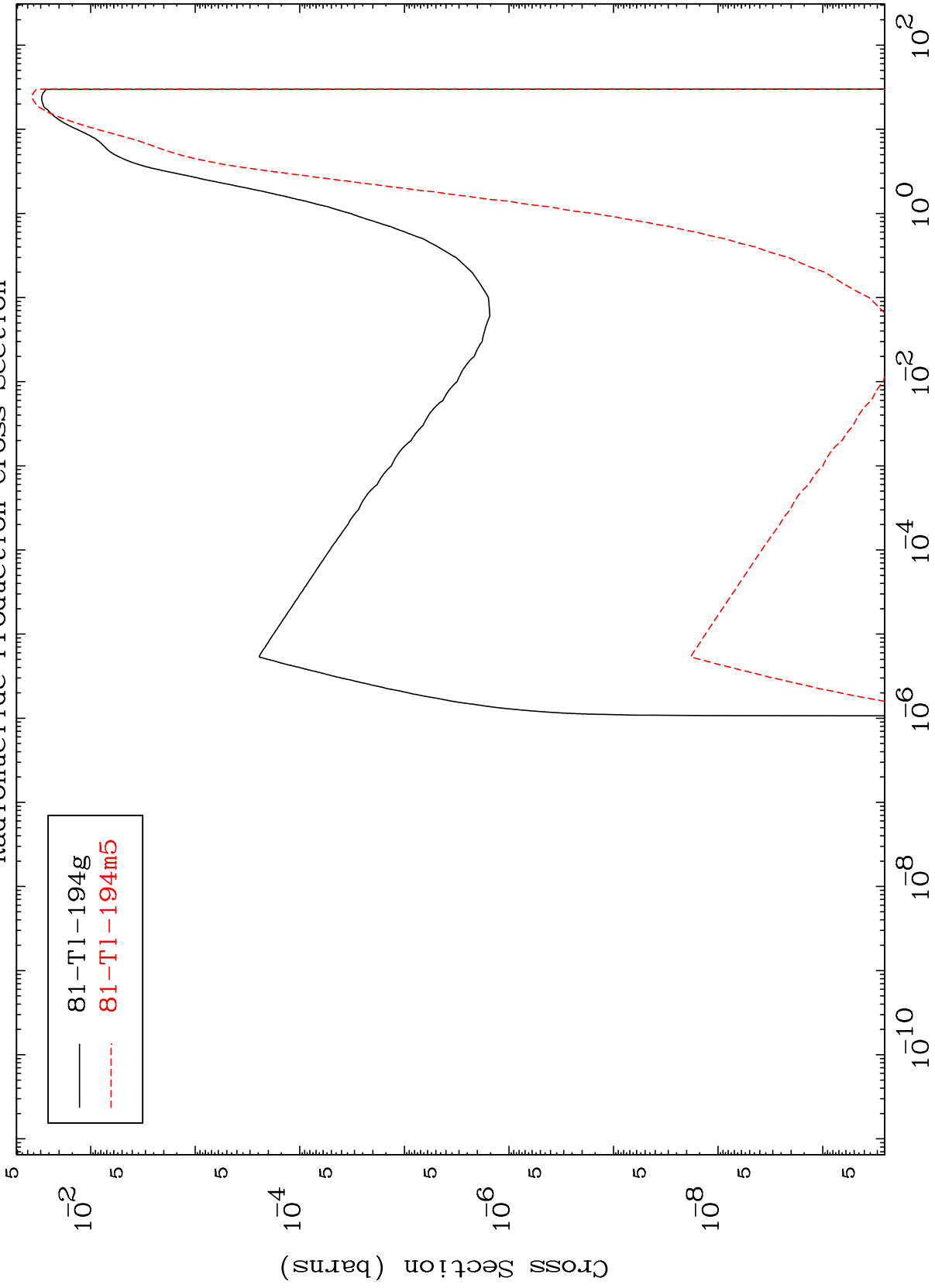
82-Pb-194

MAT 8195

(n,p)

82-Pb-194

Radionuclide Production Cross Section



81-Tl-194g
81-Tl-194m5

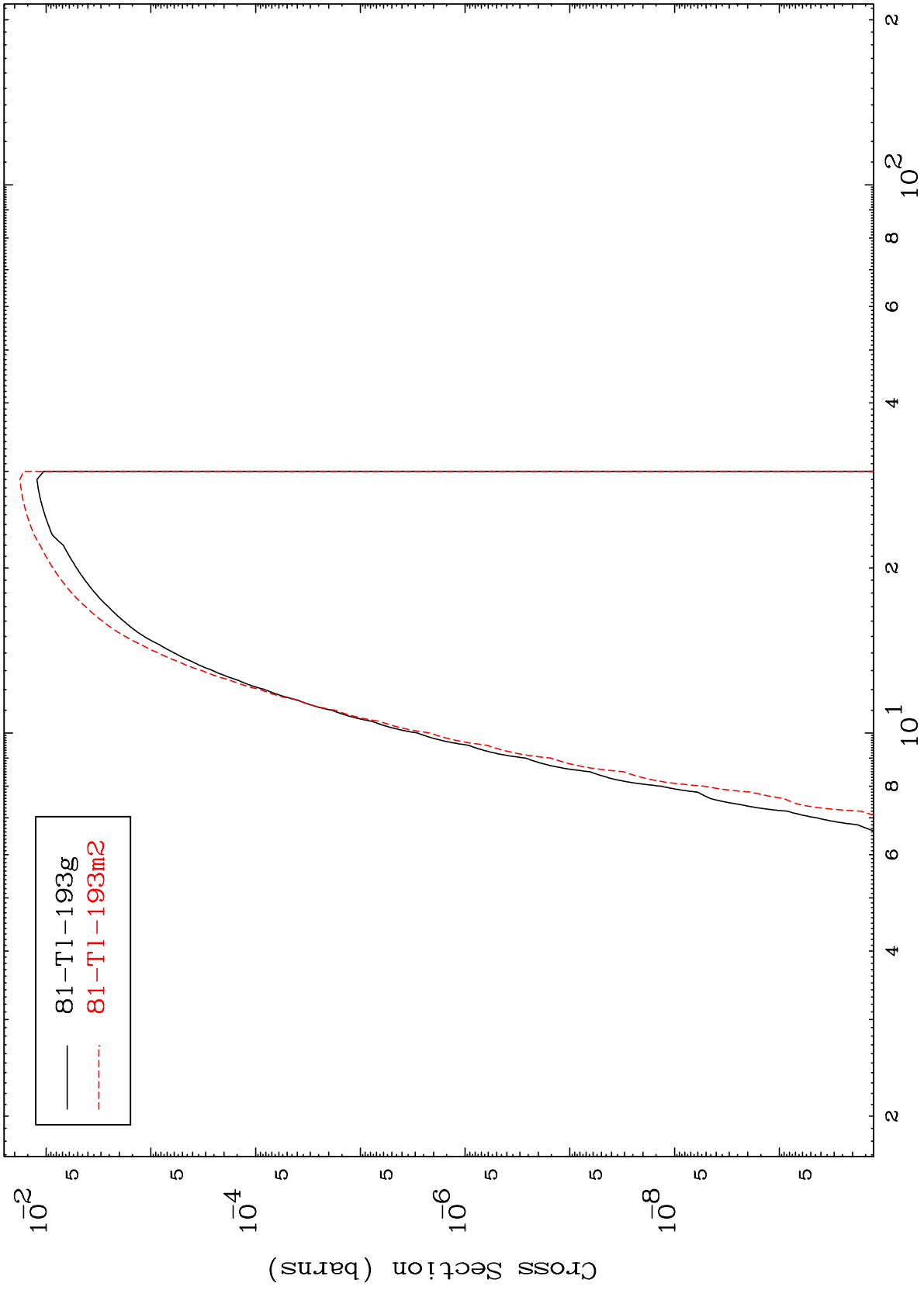
81

82-Pb-194

MAT 8195

82-Pb-194

(n,d)
Radionuclide Production Cross Section



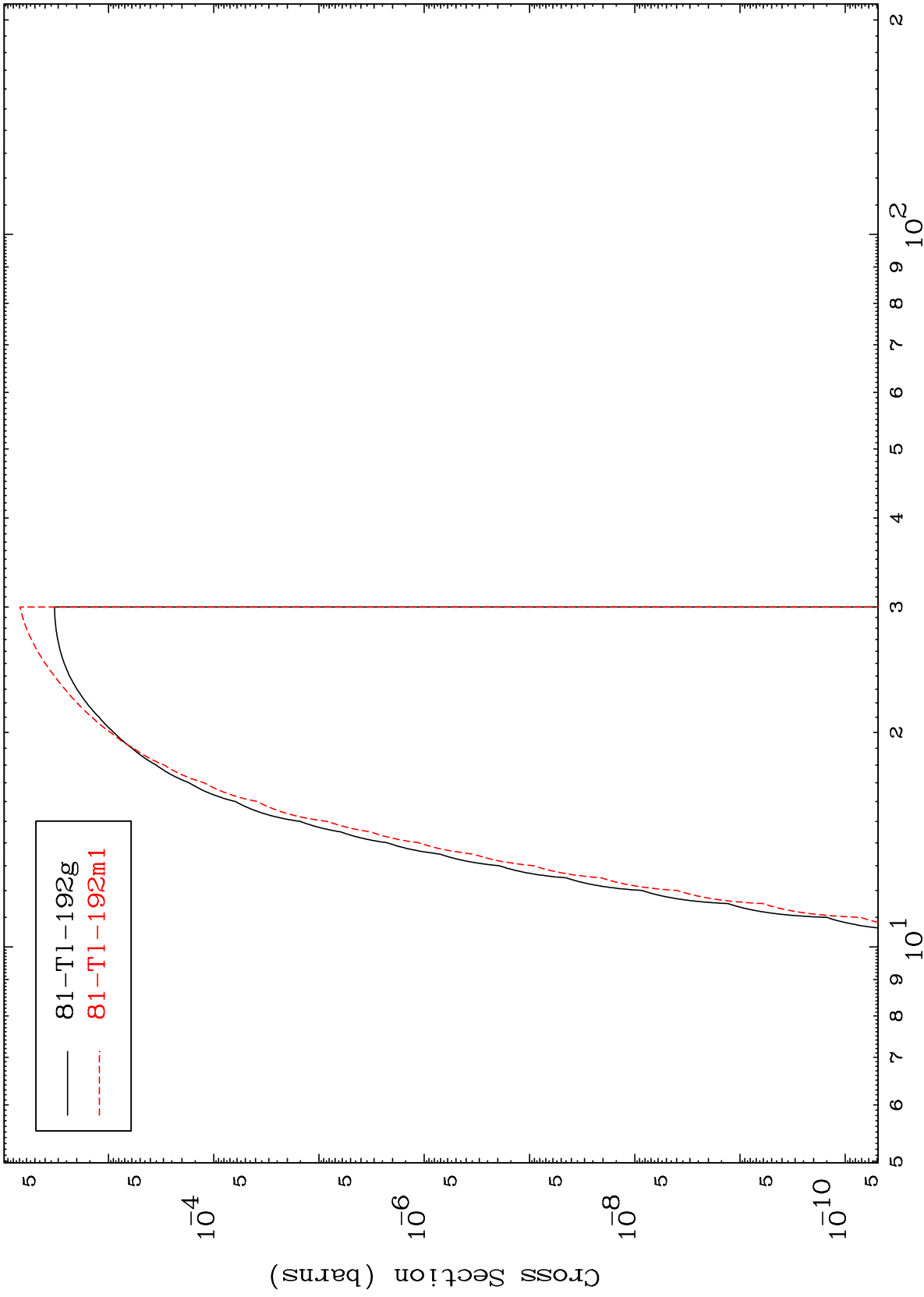
82

82-Pb-194

MAT 8195

82-Pb-194

(n, t)
Radionuclide Production Cross Section



83

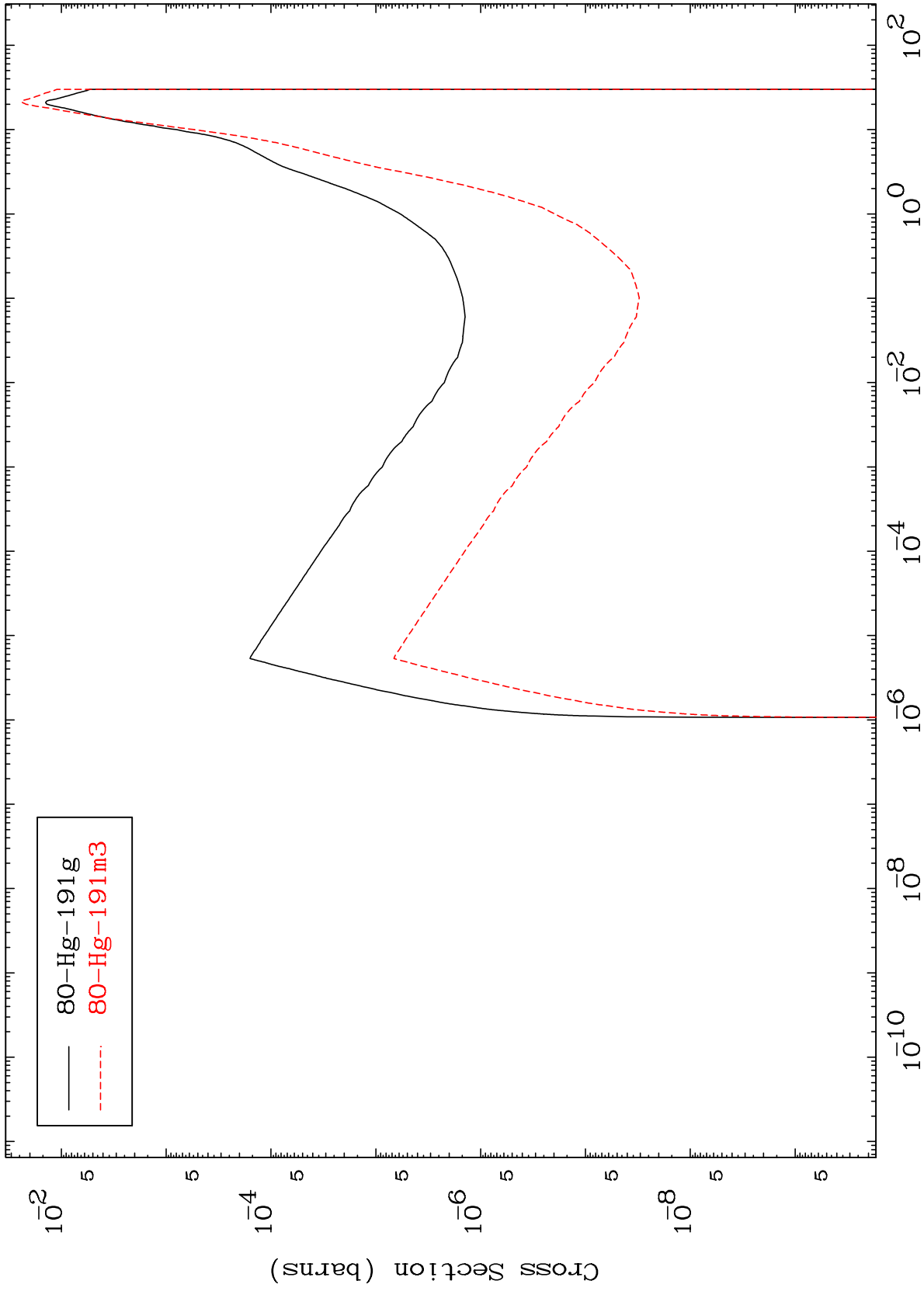
82-Pb-194

MAT 8195

(n, α)

82-Pb-194

Radionuclide Production Cross Section



84

Incident Energy (MeV)

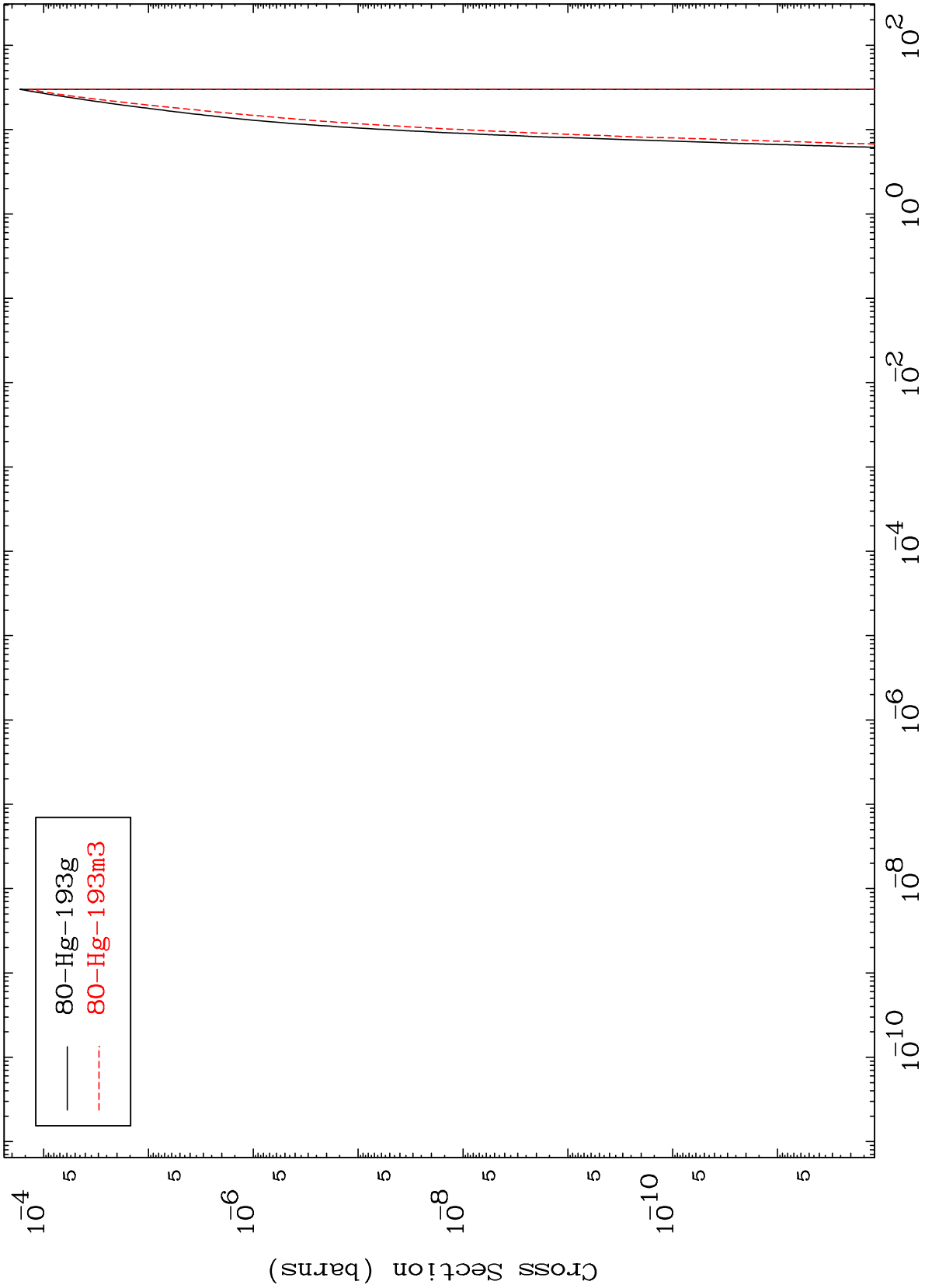
82-Pb-194

MAT 8195

(n,2p)

82-Pb-194

Radionuclide Production Cross Section



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

85

Incident Energy (MeV)

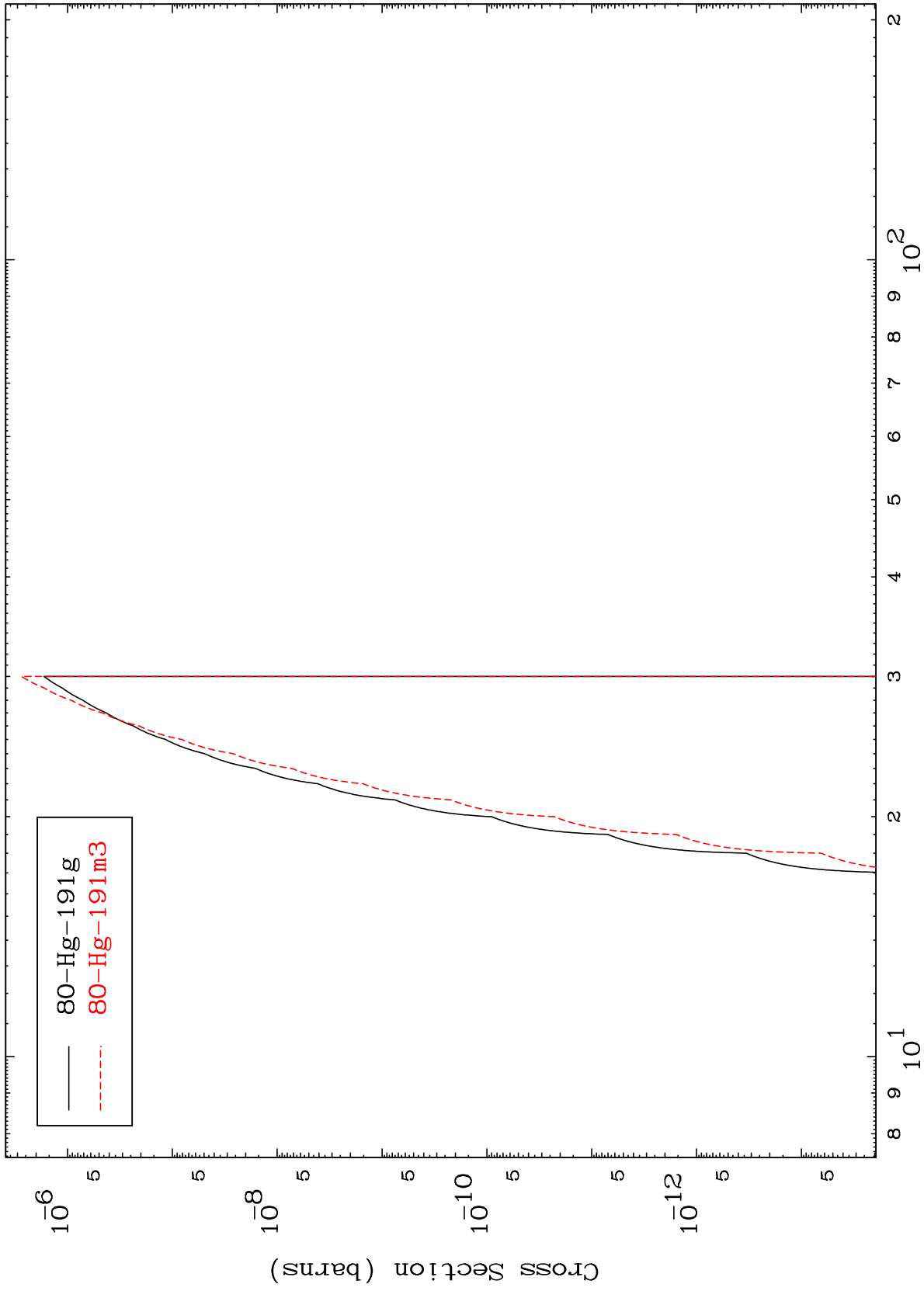
82-Pb-194

MAT 8195

(n,p) t

82-Pb-194

Radionuclide Production Cross Section



86

Incident Energy (MeV)

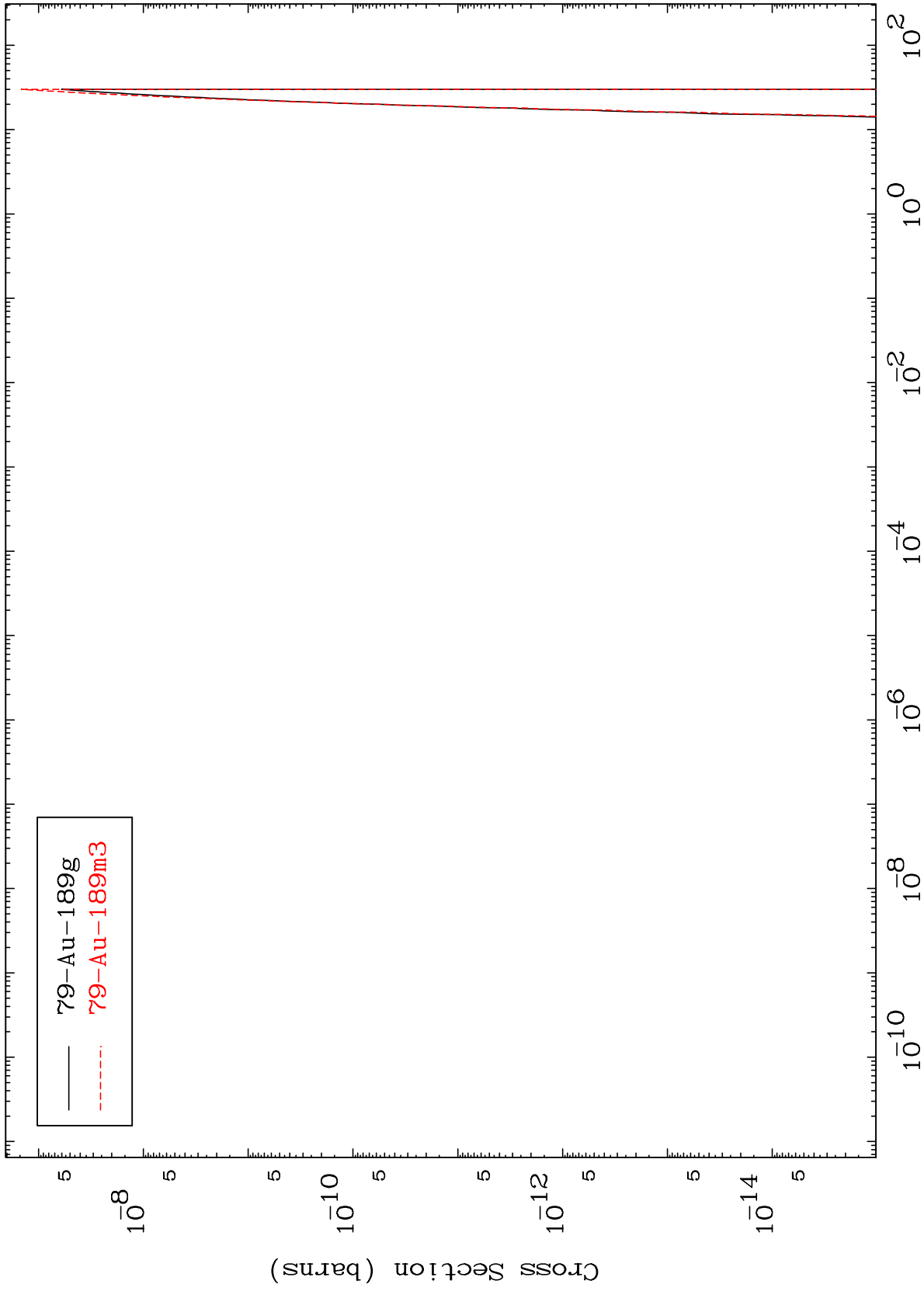
82-Pb-194

MAT 8195

(n,d) α

82-Pb-194

Radionuclide Production Cross Section



87

Incident Energy (MeV)

82-Pb-194