

Program EVALPLOT
(Version 2017-1)

by

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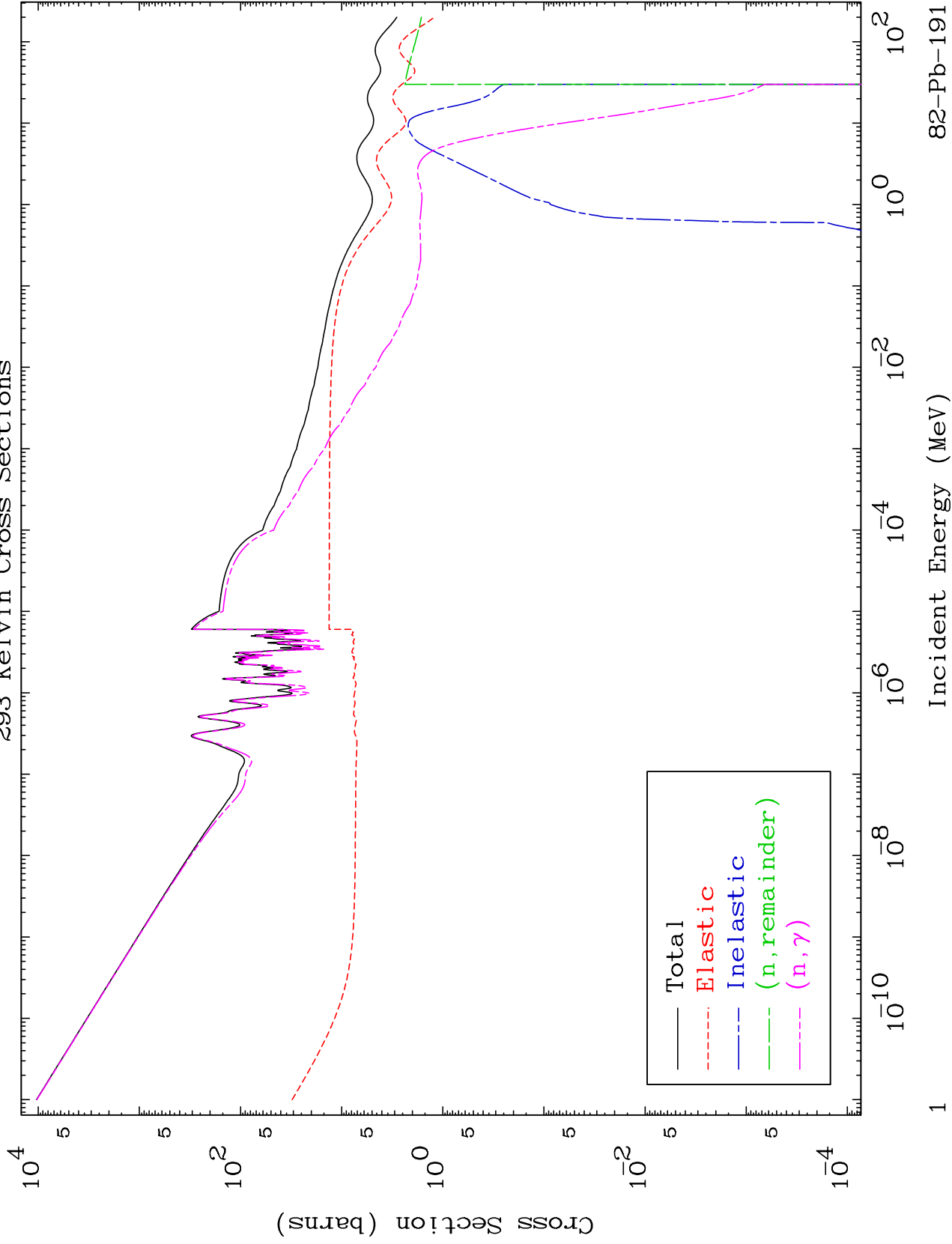
Press Mouse Button to Start

MAT 8186

Major

293 Kelvin Cross Sections

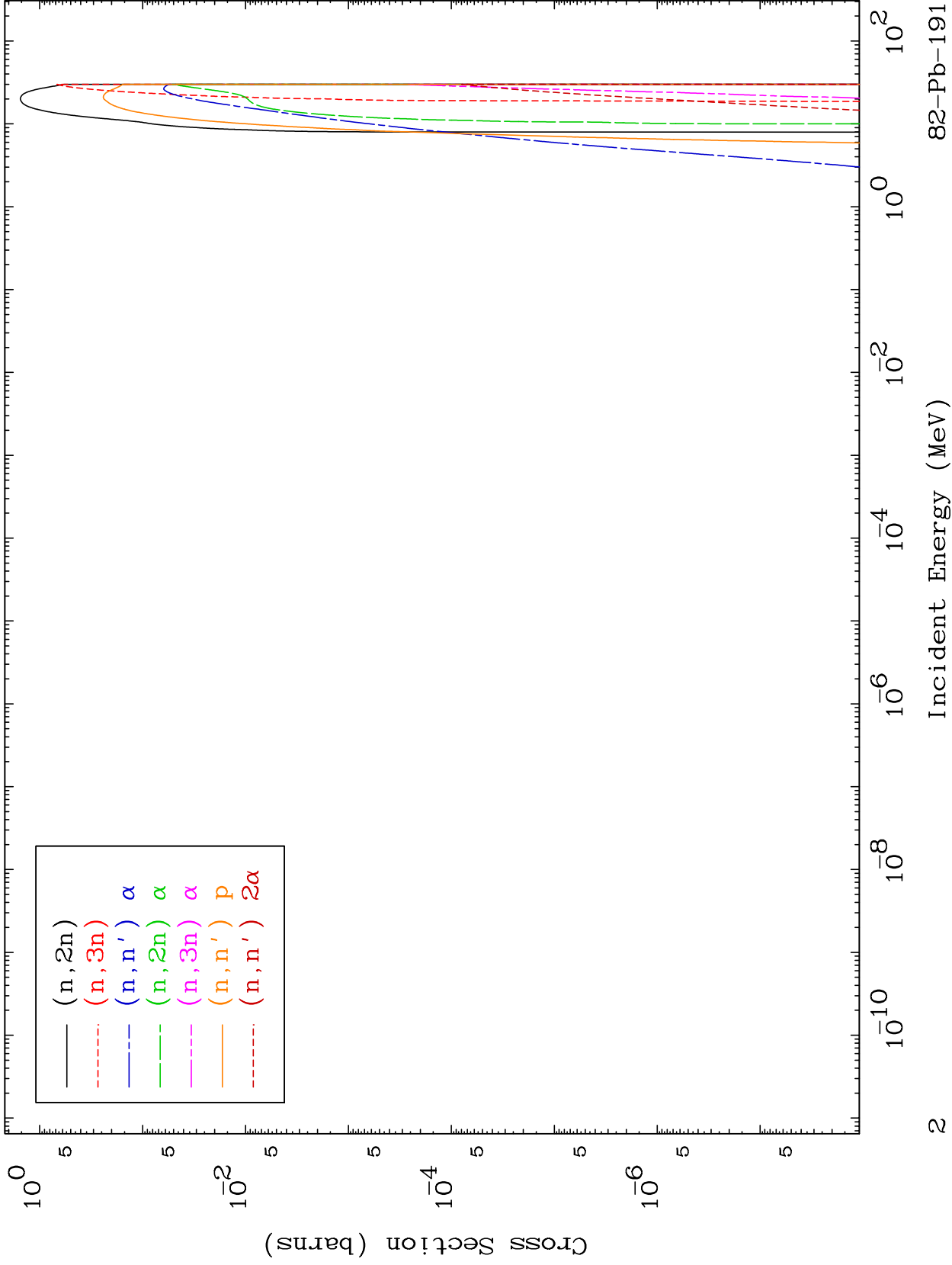
82-Pb-191



MAT 8186

Neutron Production
293 Kelvin Cross Sections

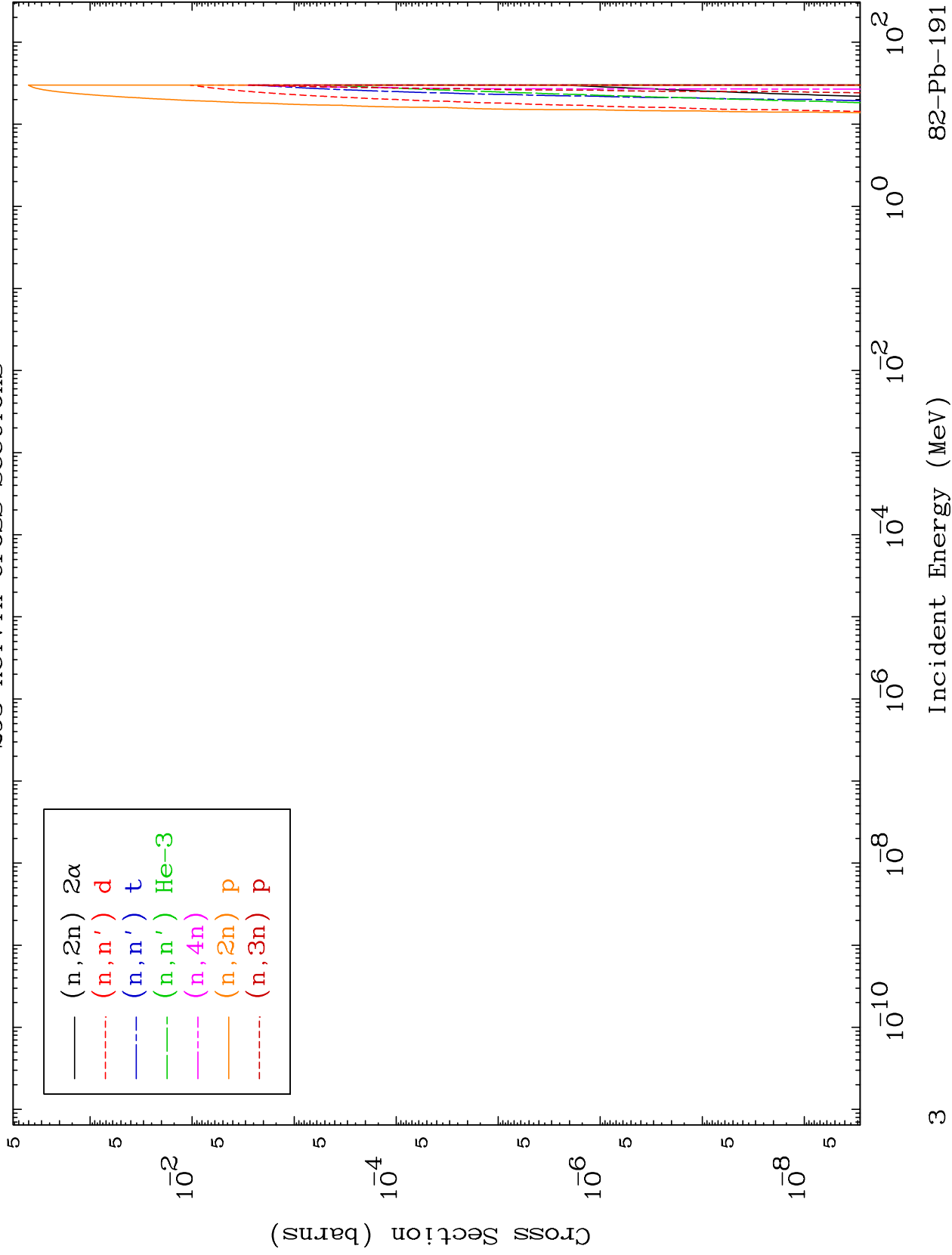
82-Pb-191



MAT 8186

Neutron Production
293 Kelvin Cross Sections

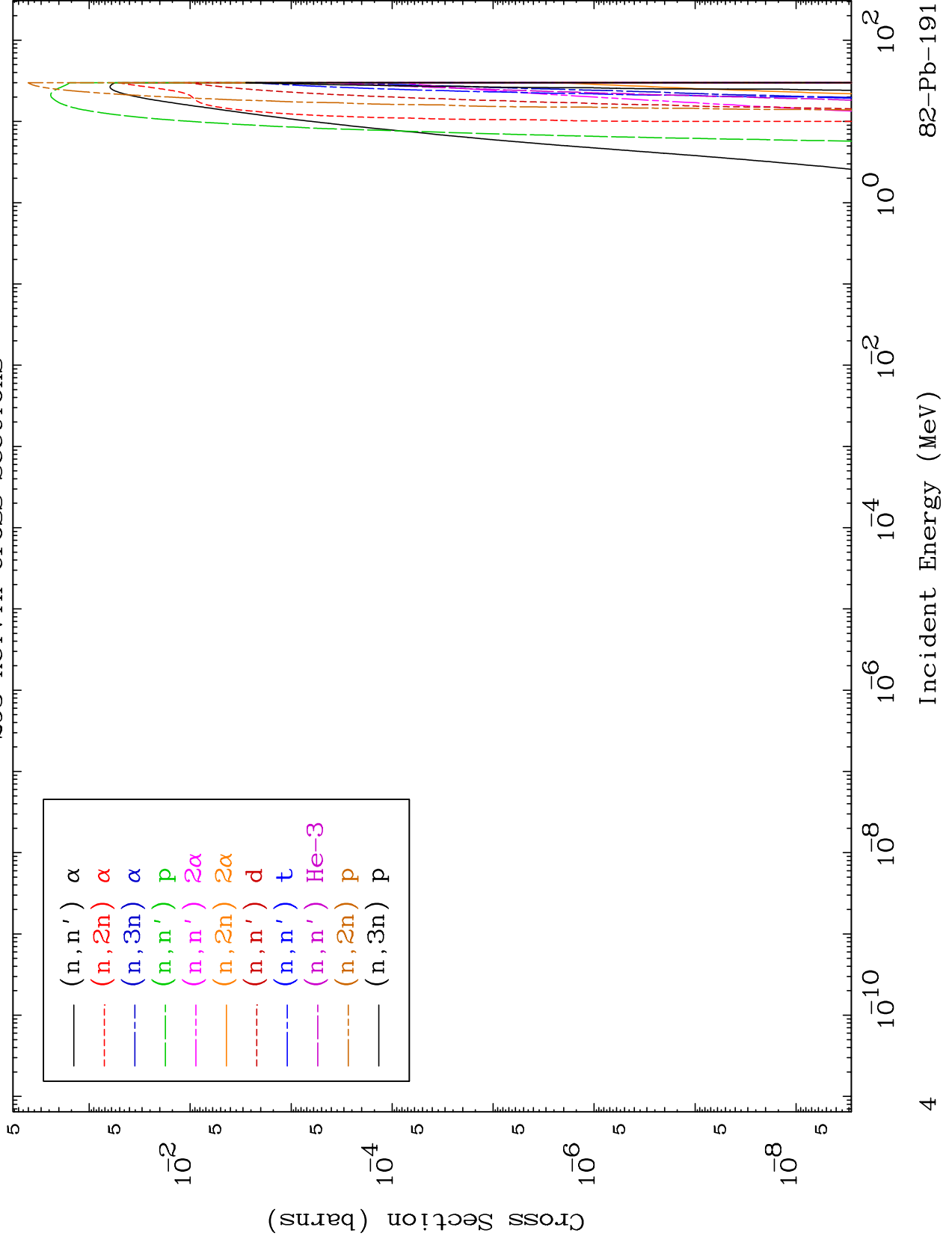
82-Pb-191



MAT 8186

Charged Particle
293 Kelvin Cross Sections

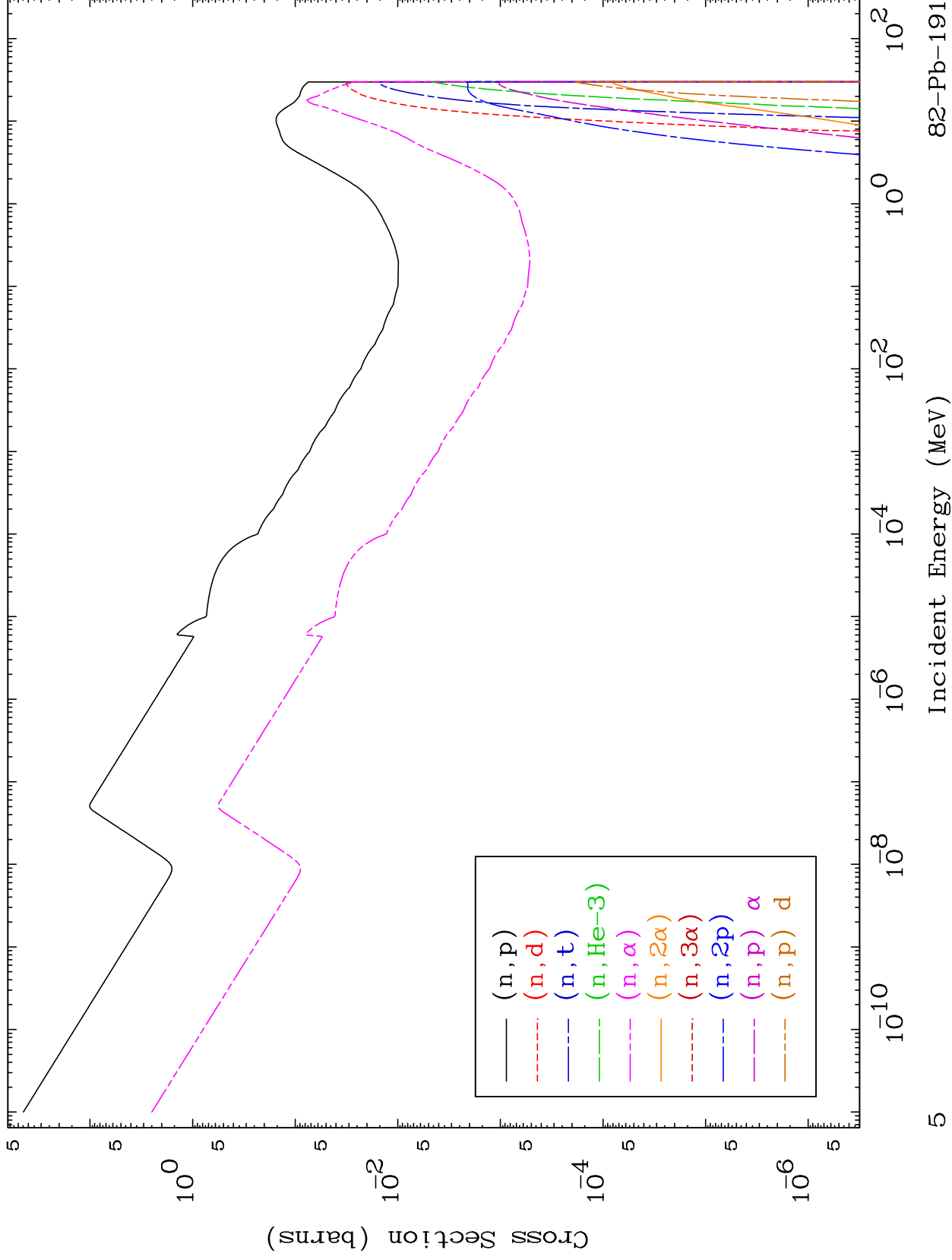
82-Pb-191



MAT 8186

Charged Particle
293 Kelvin Cross Sections

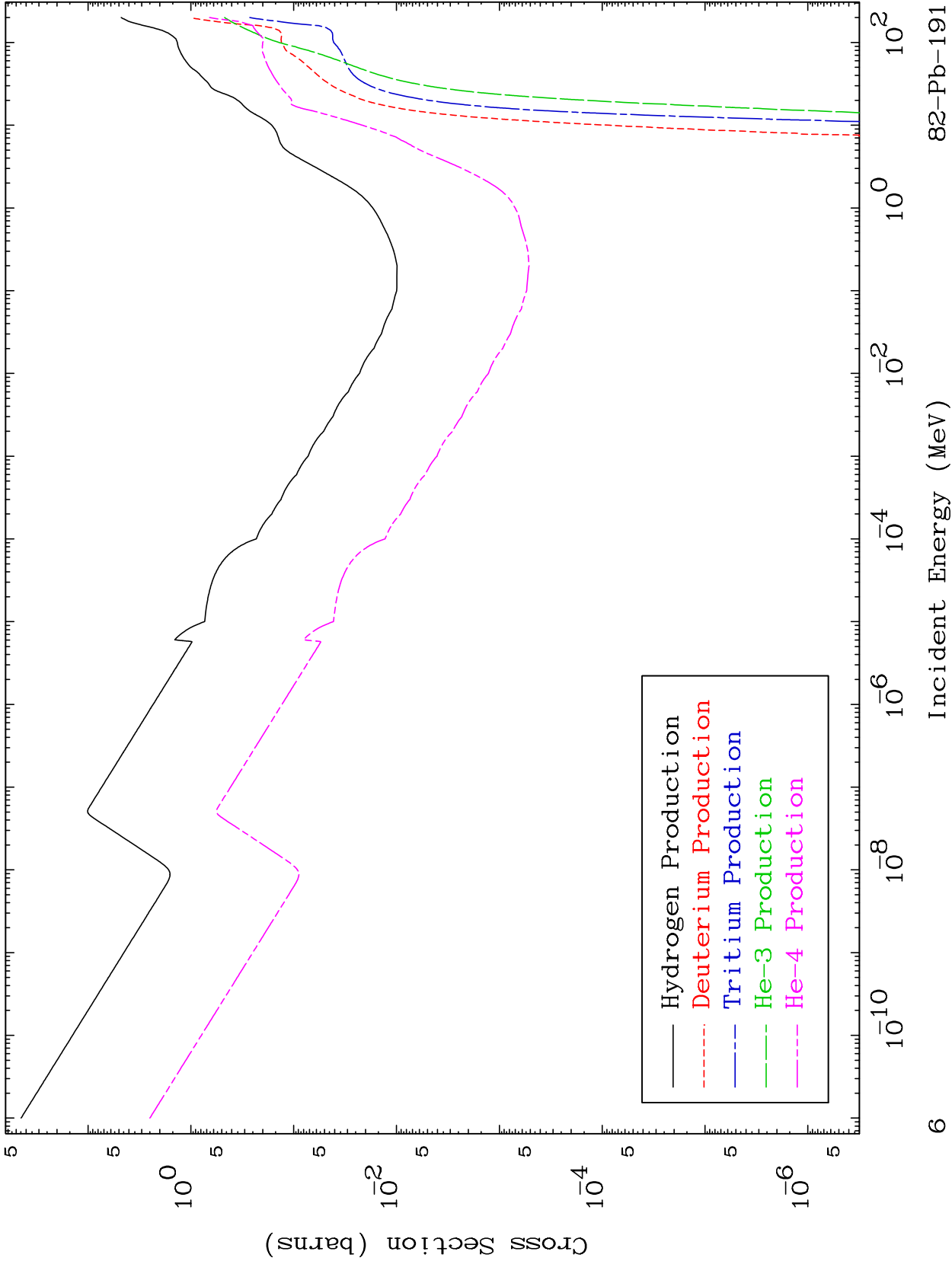
82-Pb-191



MAT 8186

Particle Production
293 Kelvin Cross Sections

82-Pb-191

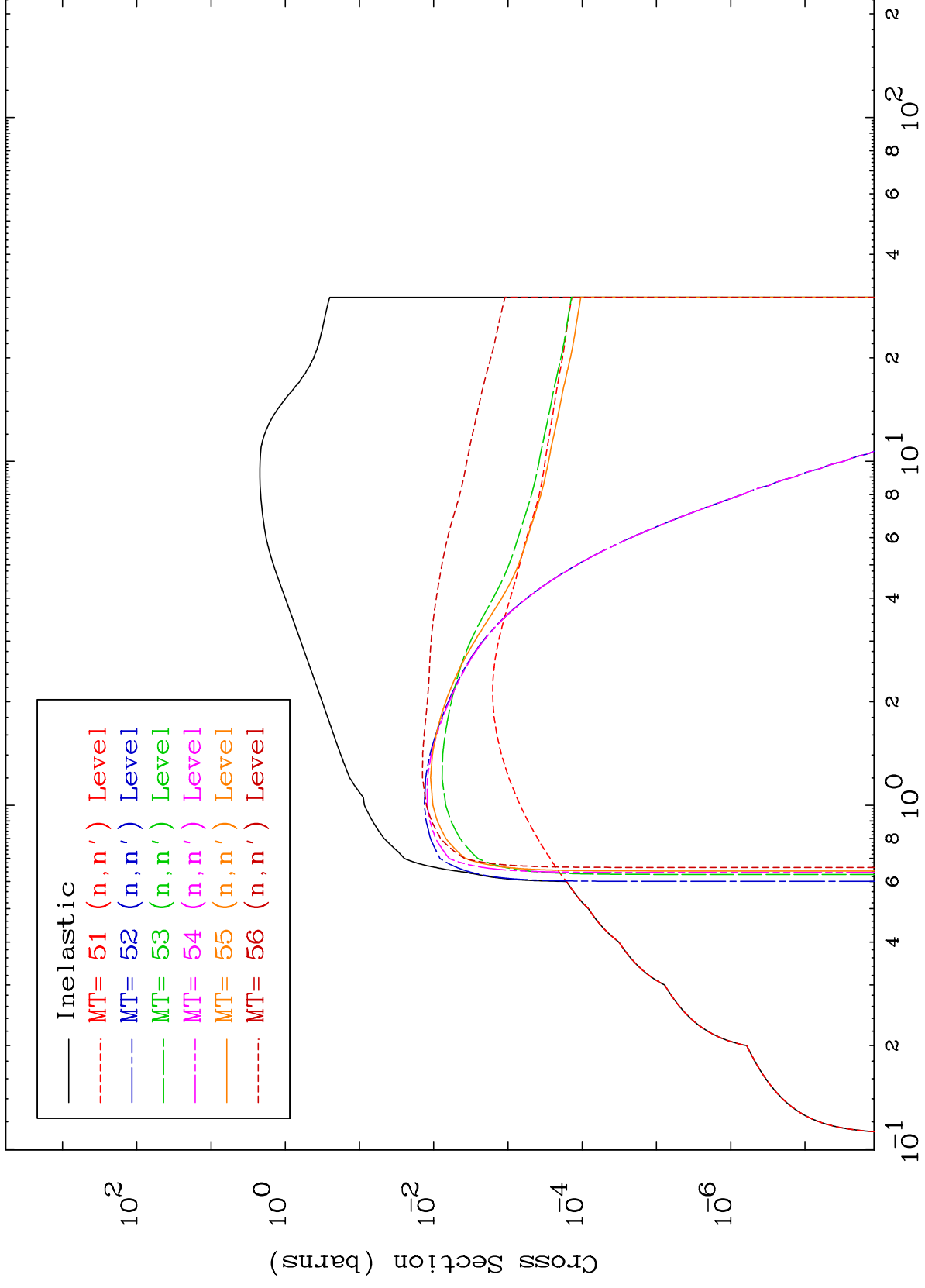


MAT 8186

(n,n') Level

82-Pb-191

293 Kelvin Cross Sections



Incident Energy (MeV)

82-Pb-191

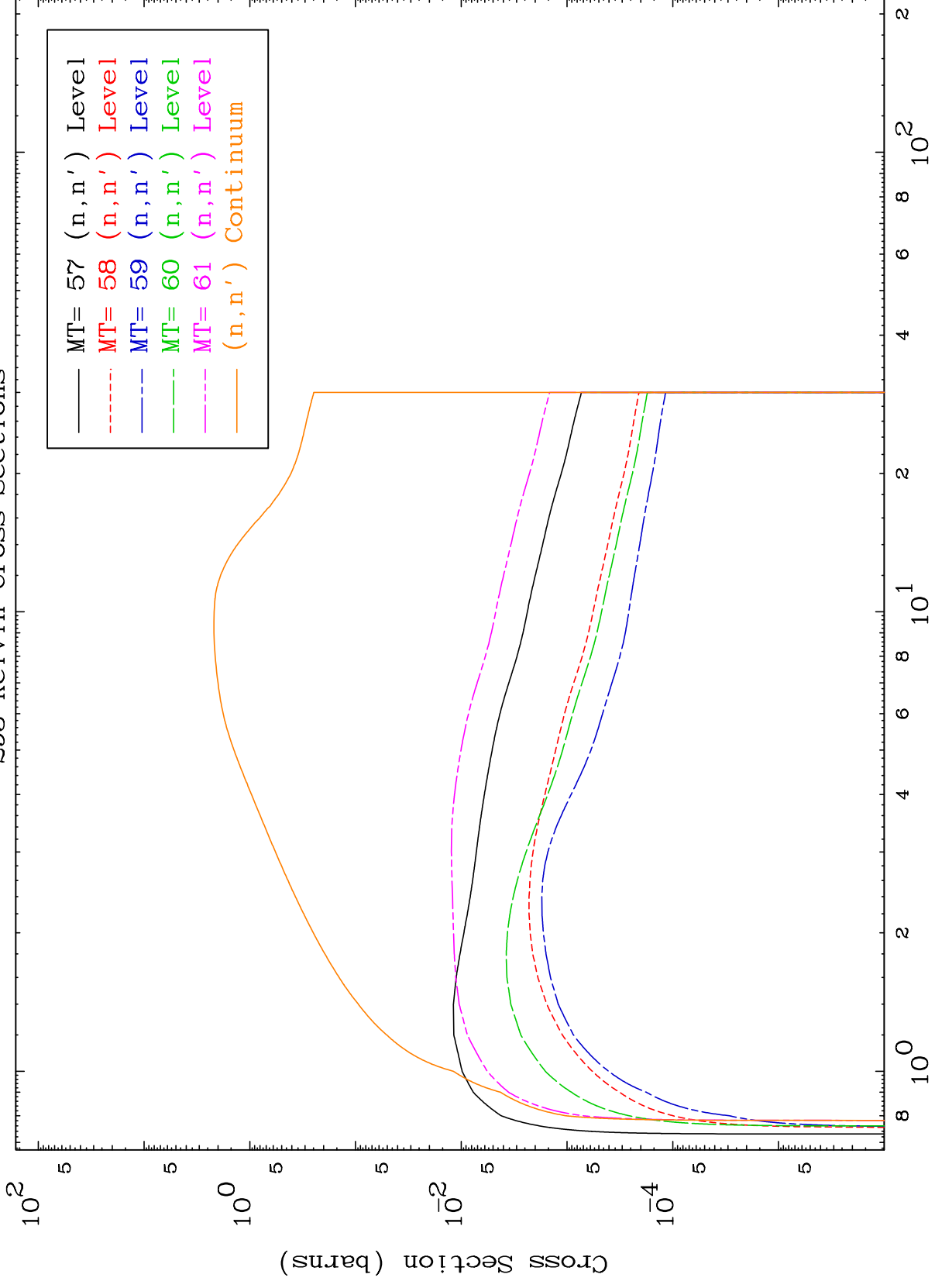
7

MAT 8186

(n,n') Level

82-Pb-191

293 Kelvin Cross Sections



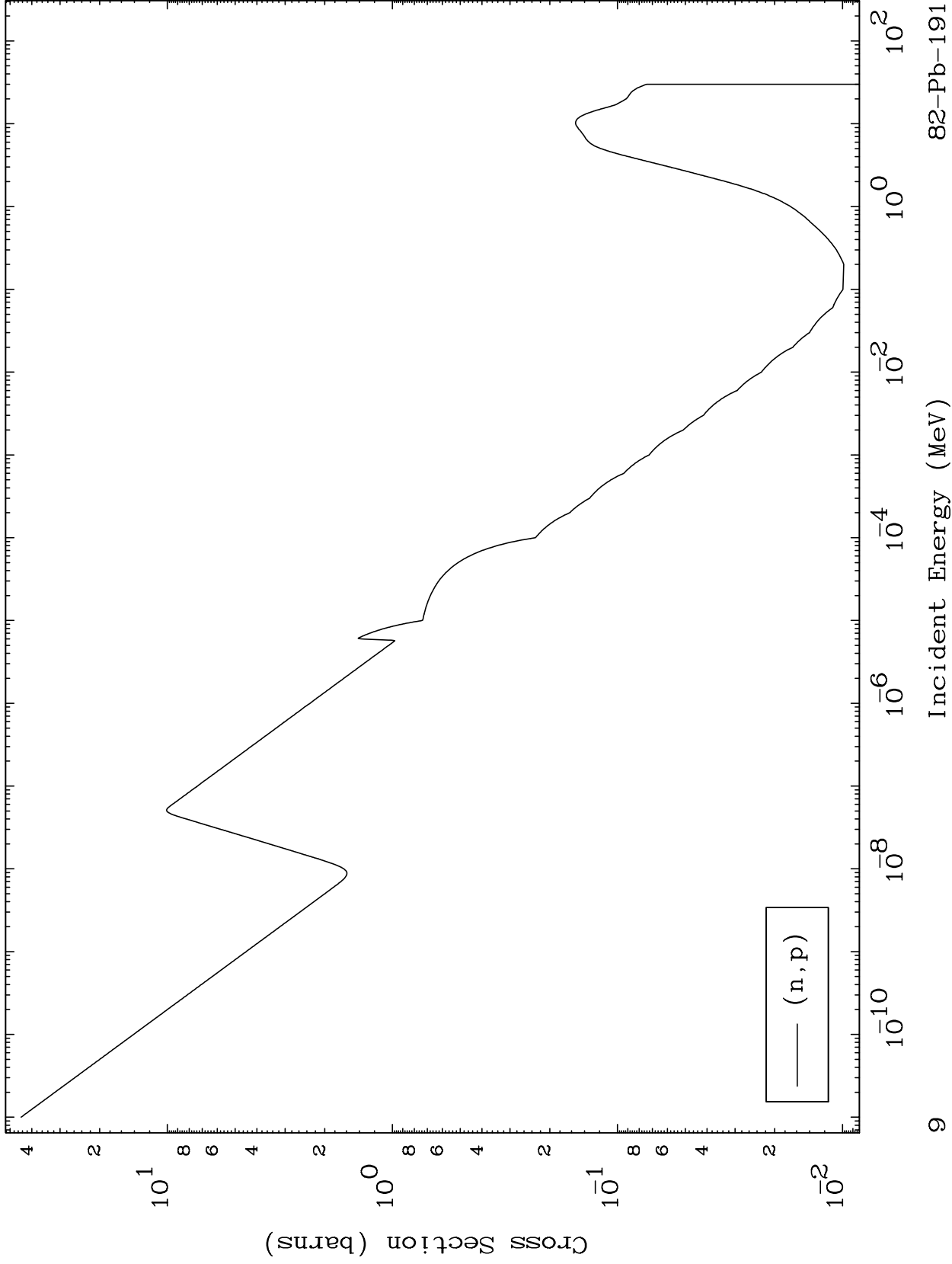
Incident Energy (MeV)

82-Pb-191

MAT 8186

(n,p) Levels
293 Kelvin Cross Sections

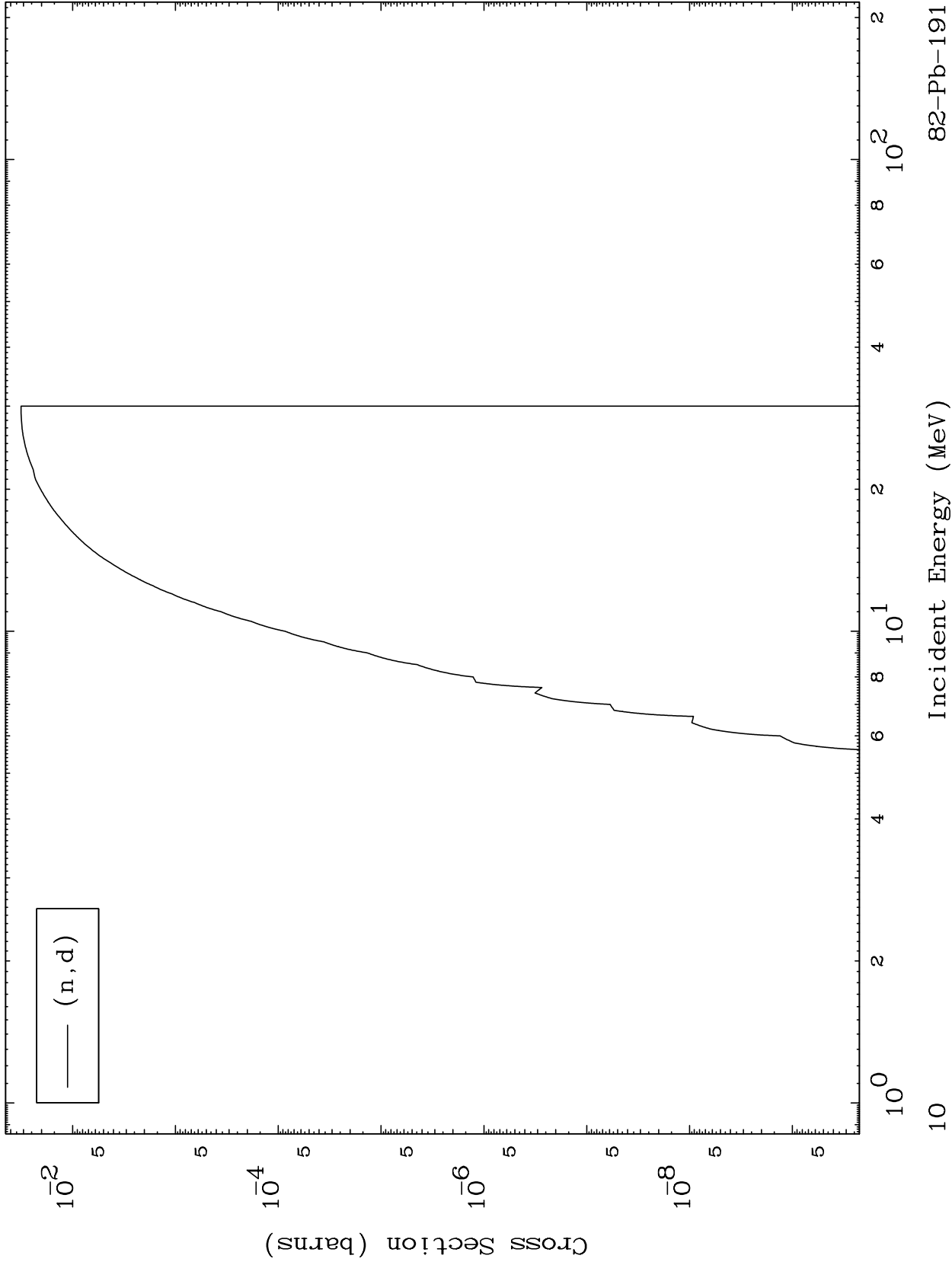
82-Pb-191



MAT 8186

(n,d) Levels
293 Kelvin Cross Sections

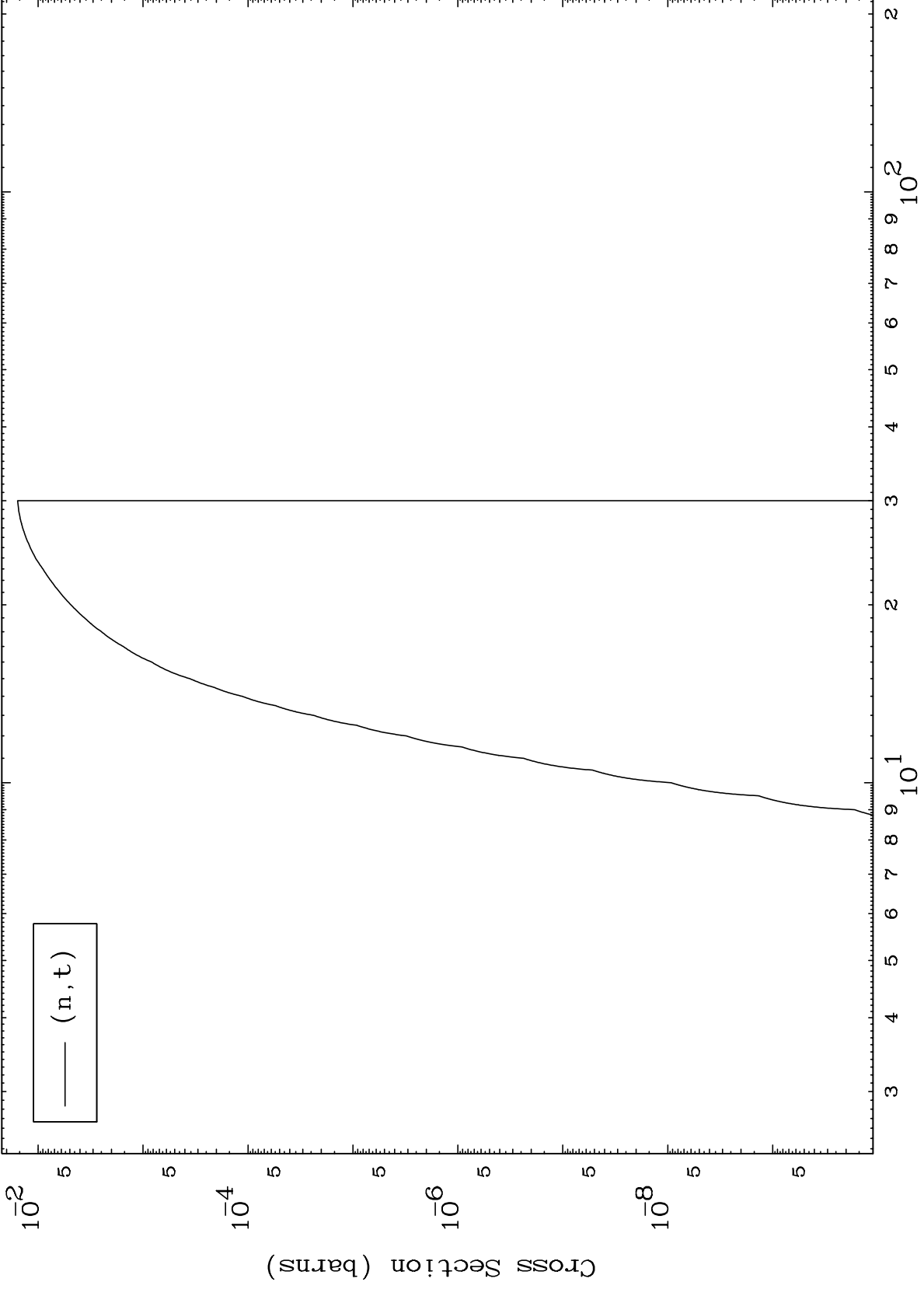
82-Pb-191



MAT 8186

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-191

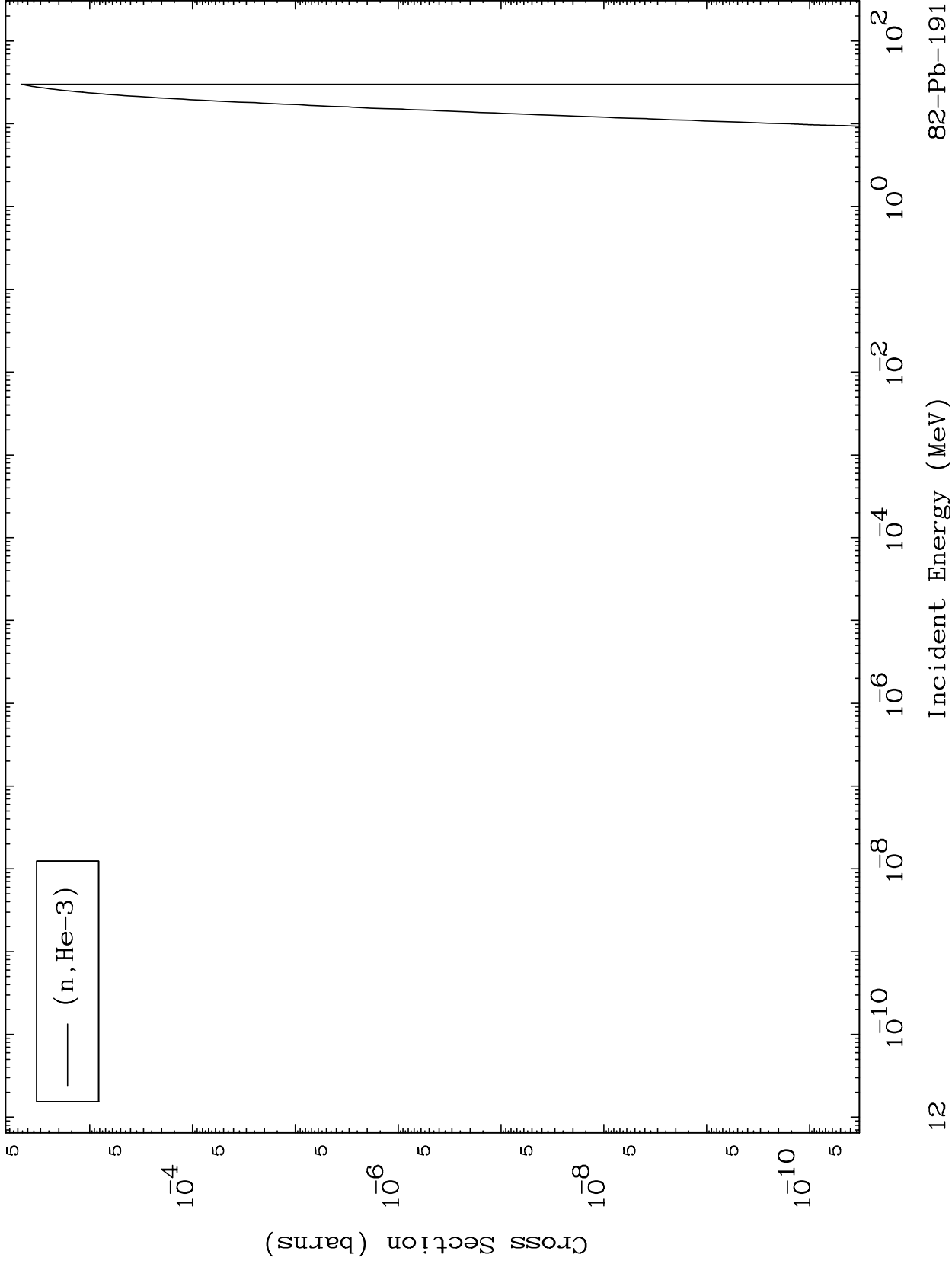


(n,t)

MAT 8186

(n,He3) Levels
293 Kelvin Cross Sections

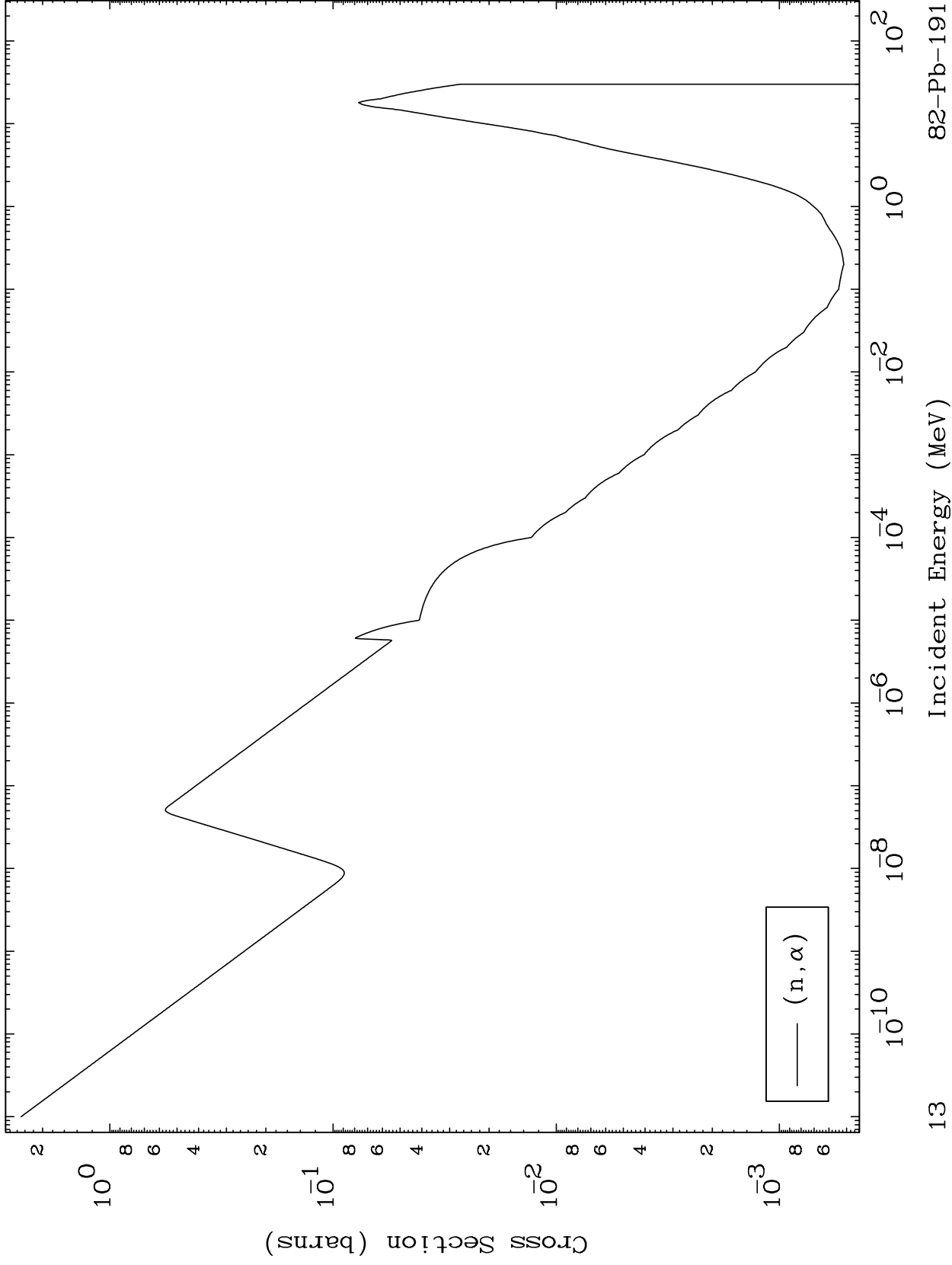
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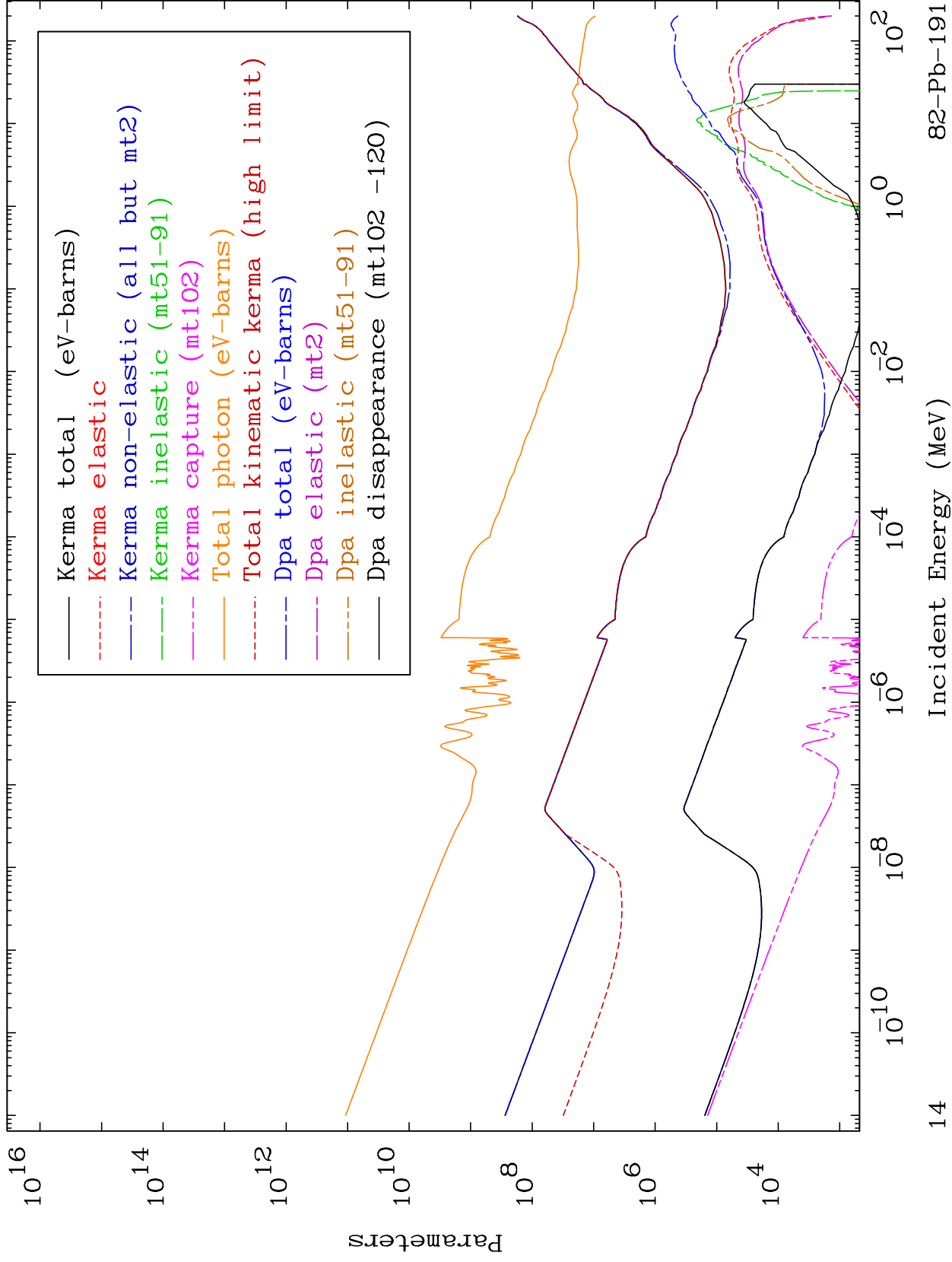


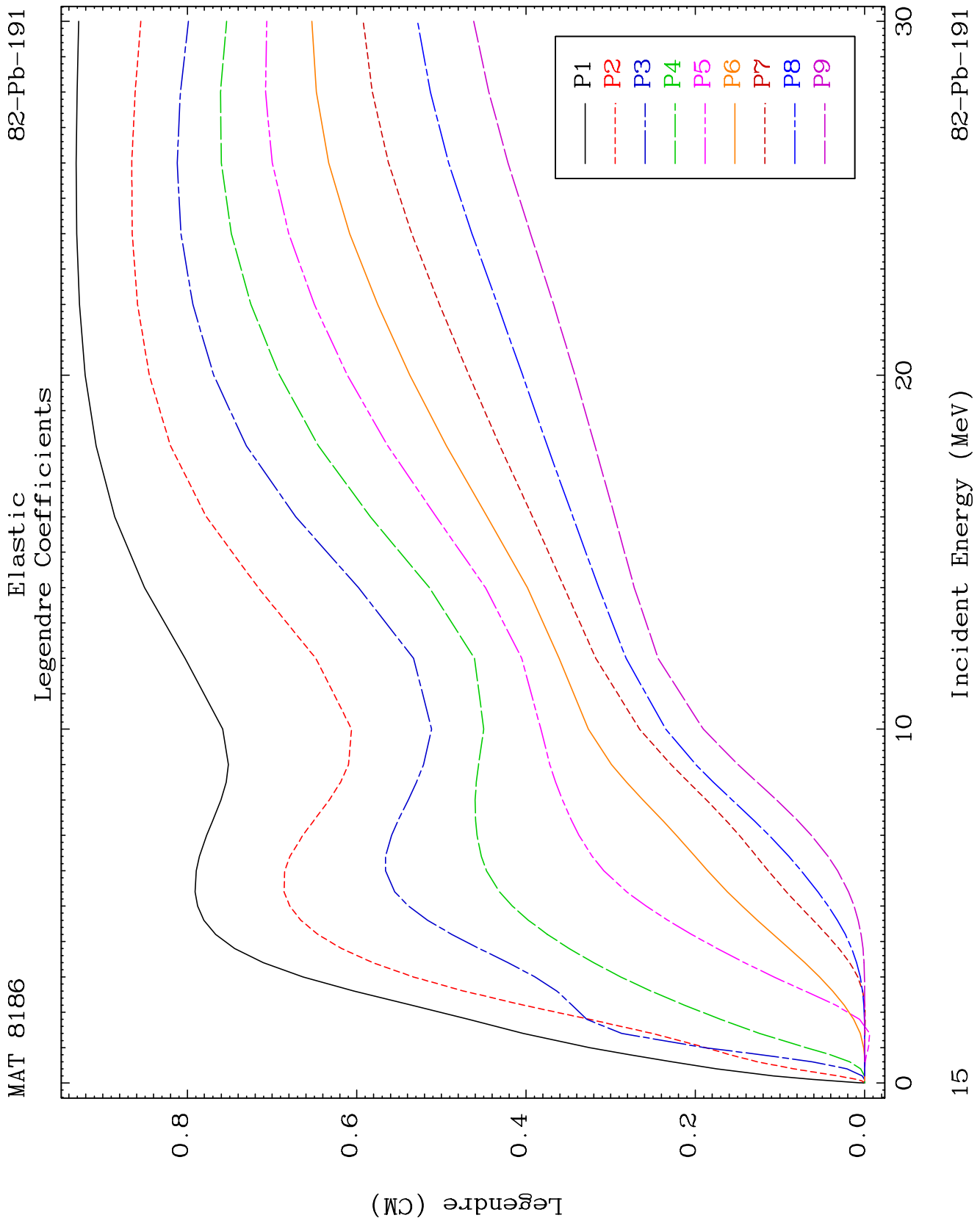
MAT 8186

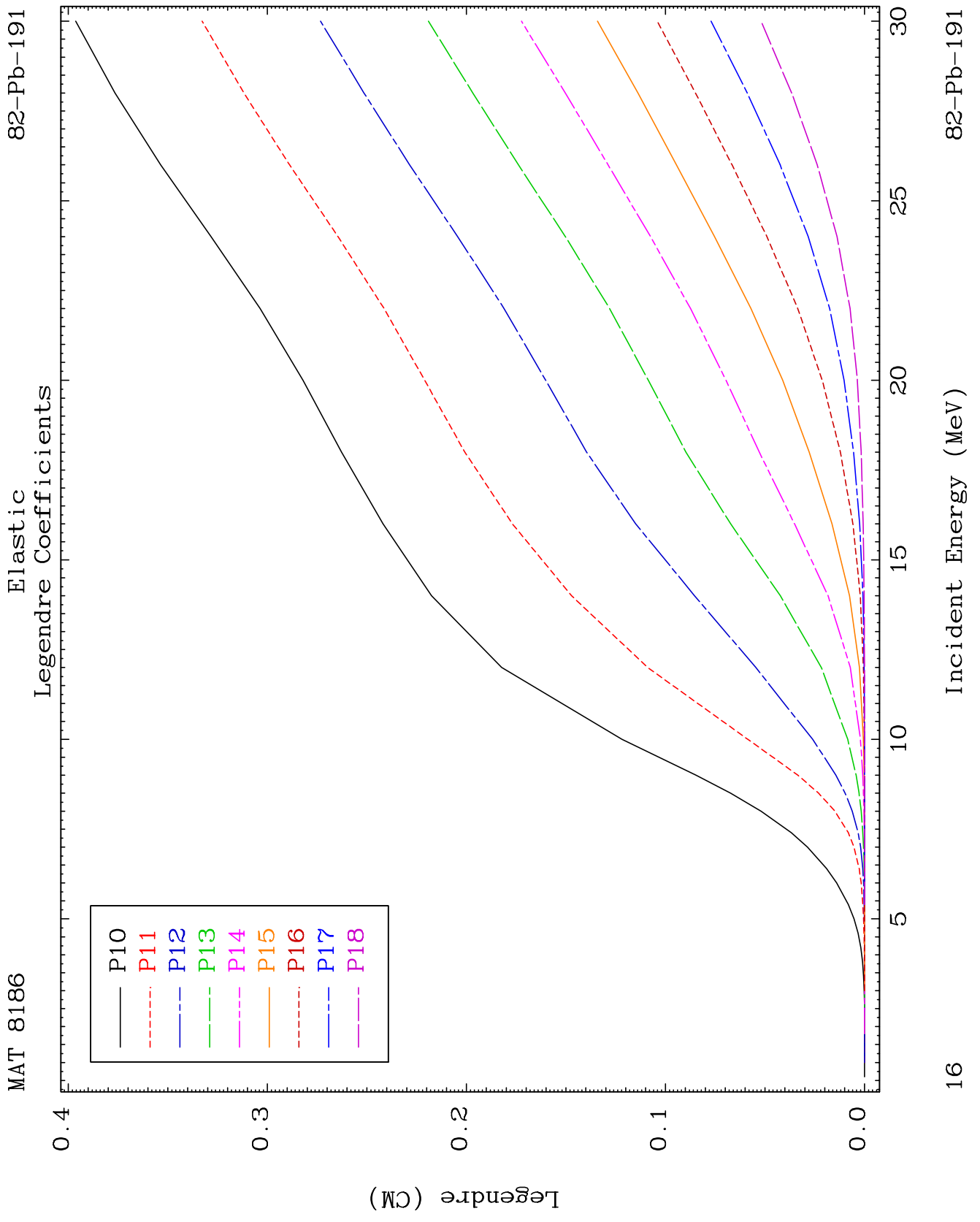
(n,α) Levels
293 Kelvin Cross Sections

82-Pb-191





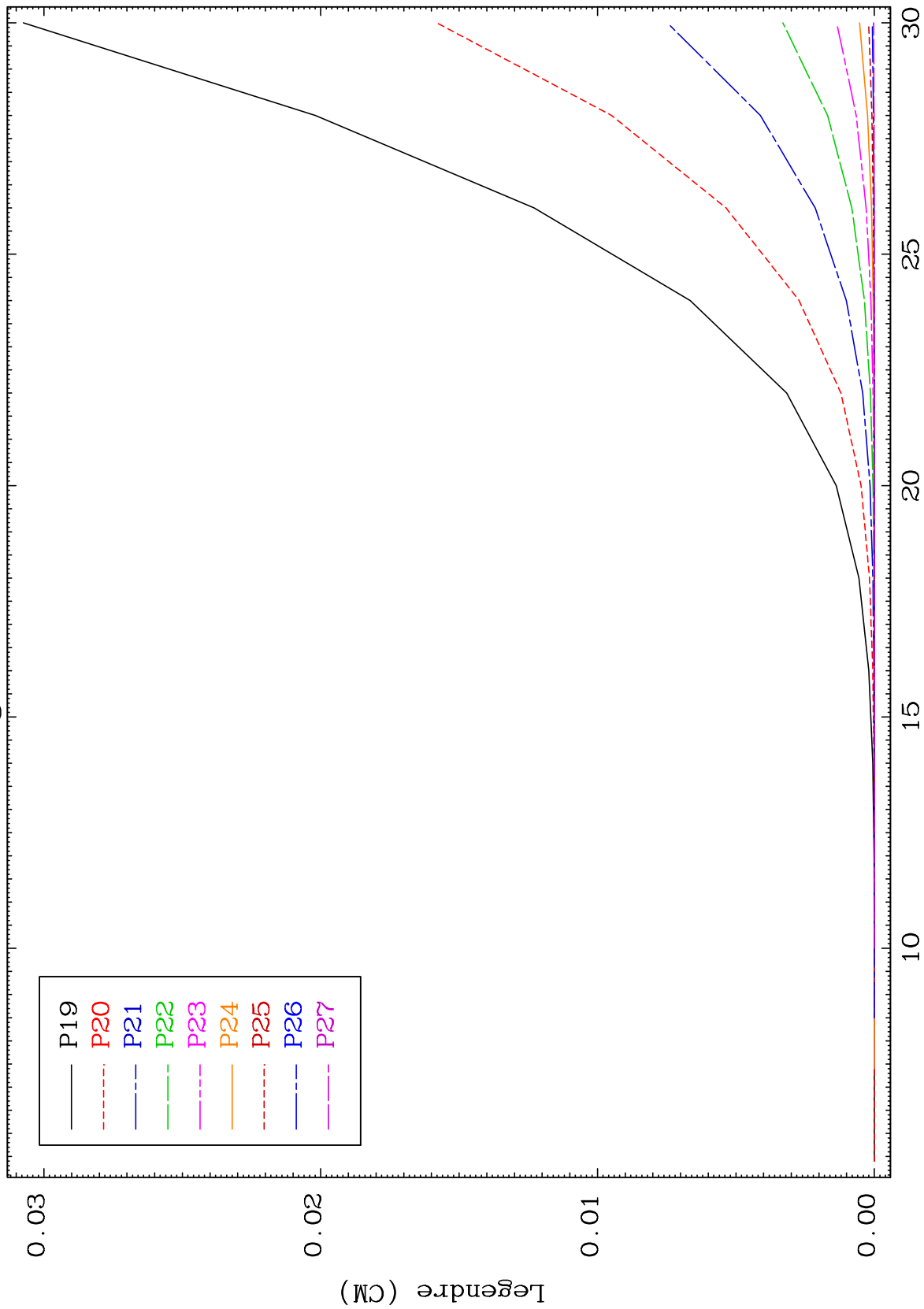




MAT 8186

Elastic Legendre Coefficients

82-Pb-191



17

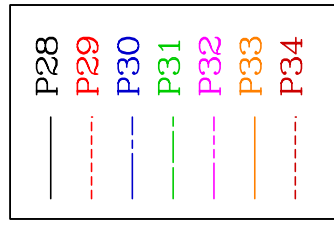
82-Pb-191

Incident Energy (MeV)

MAT 8186

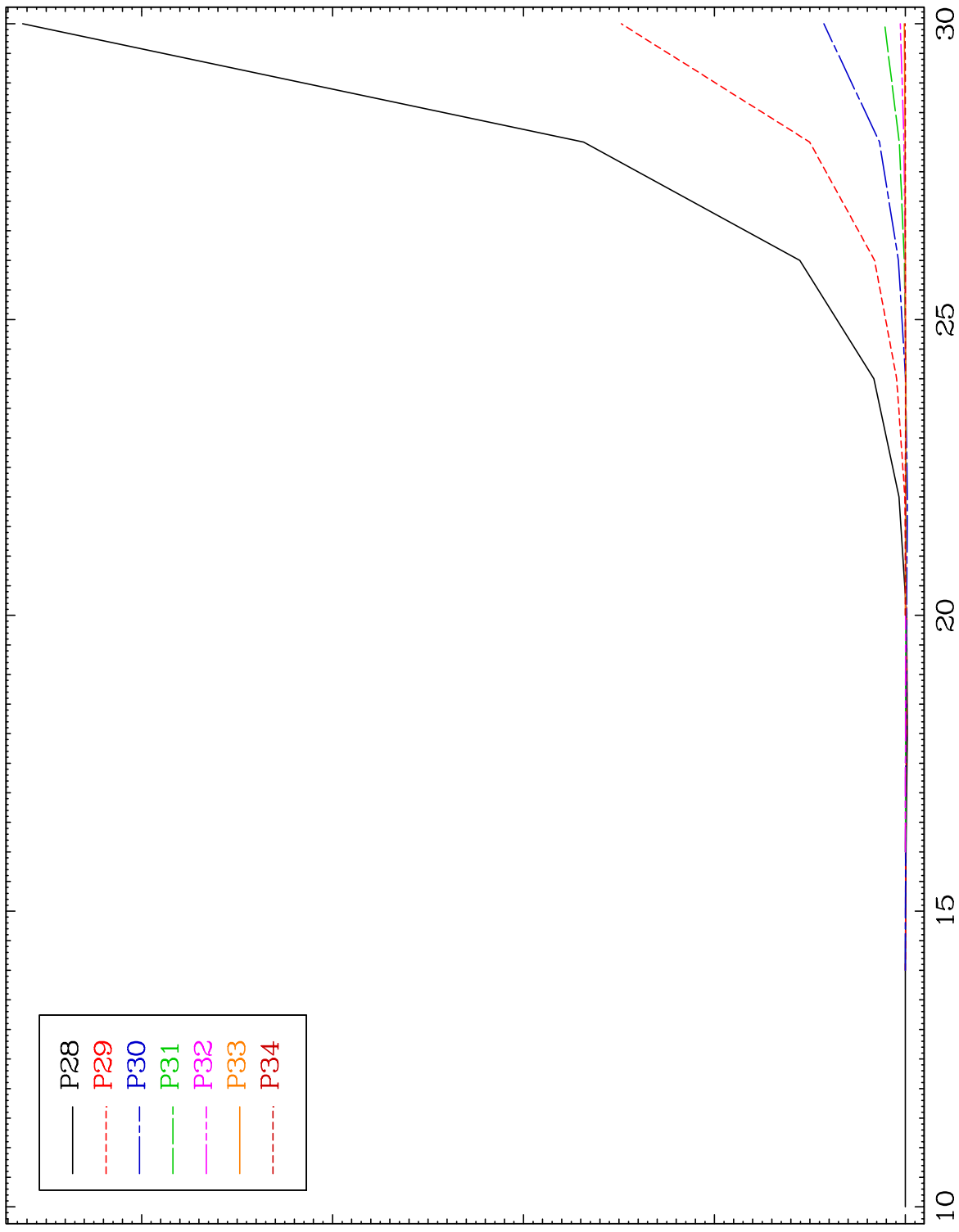
Elastic
Legendre Coefficients

82-Pb-191



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

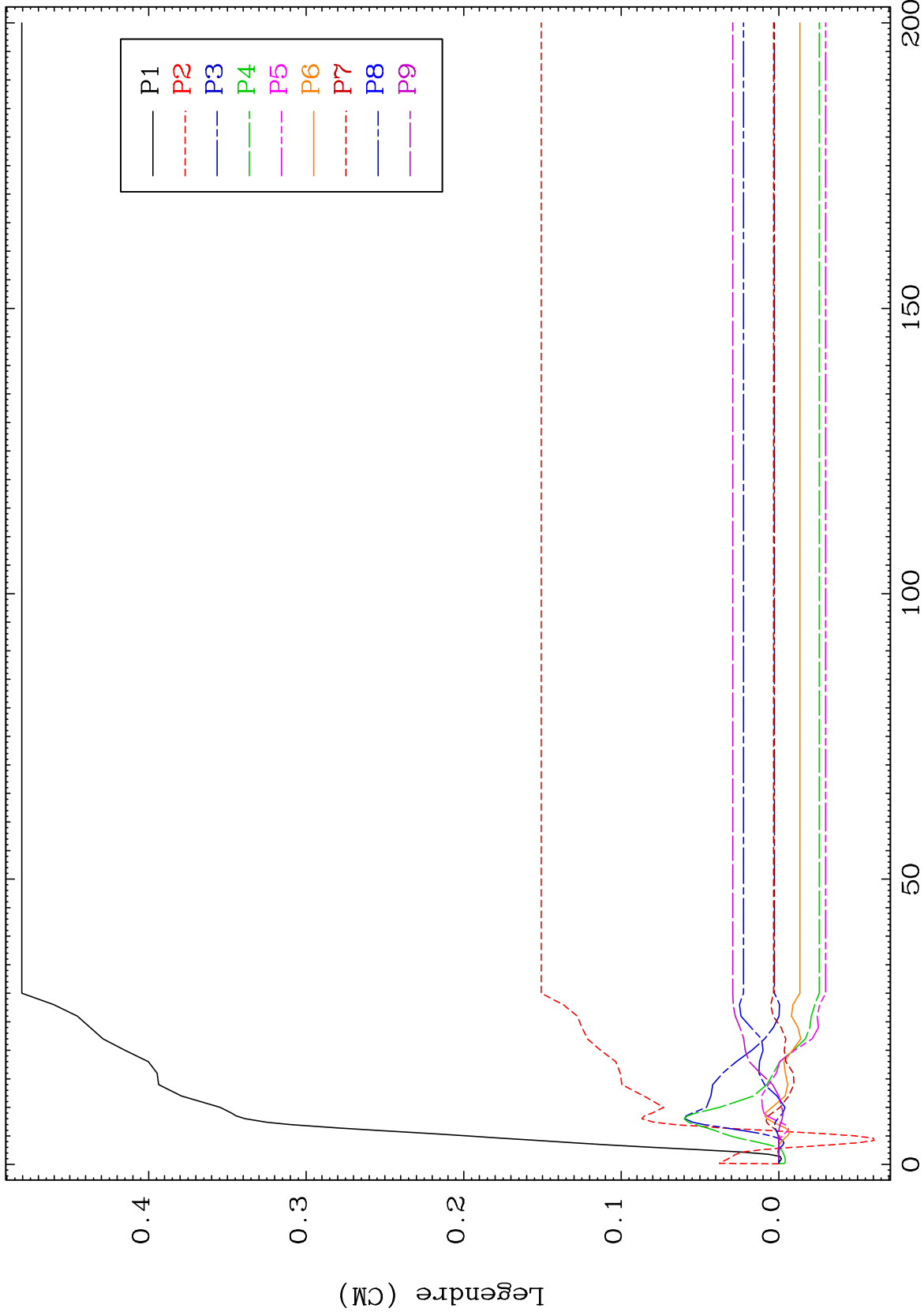
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

82-Pb-191



19

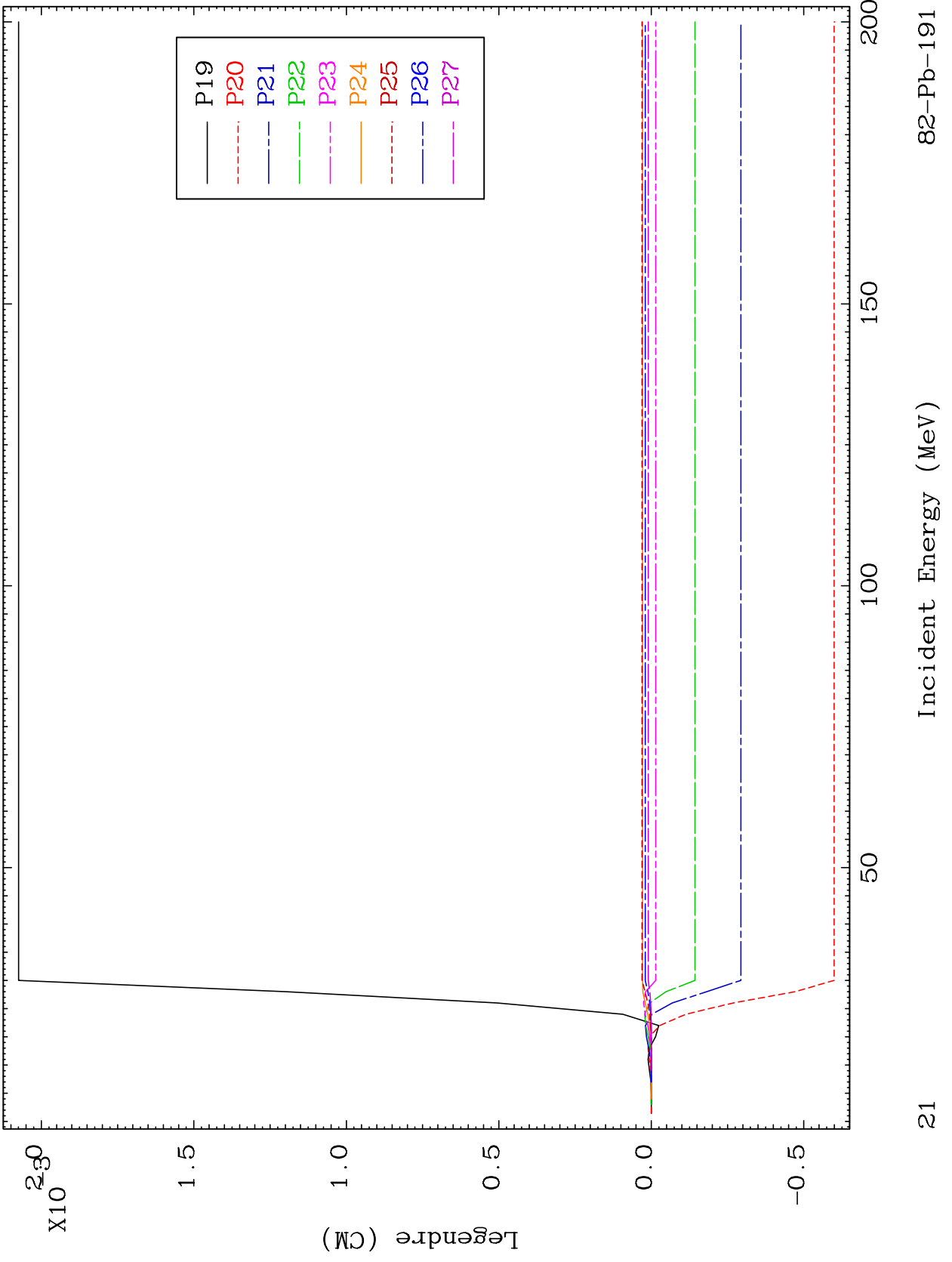
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

82-Pb-191



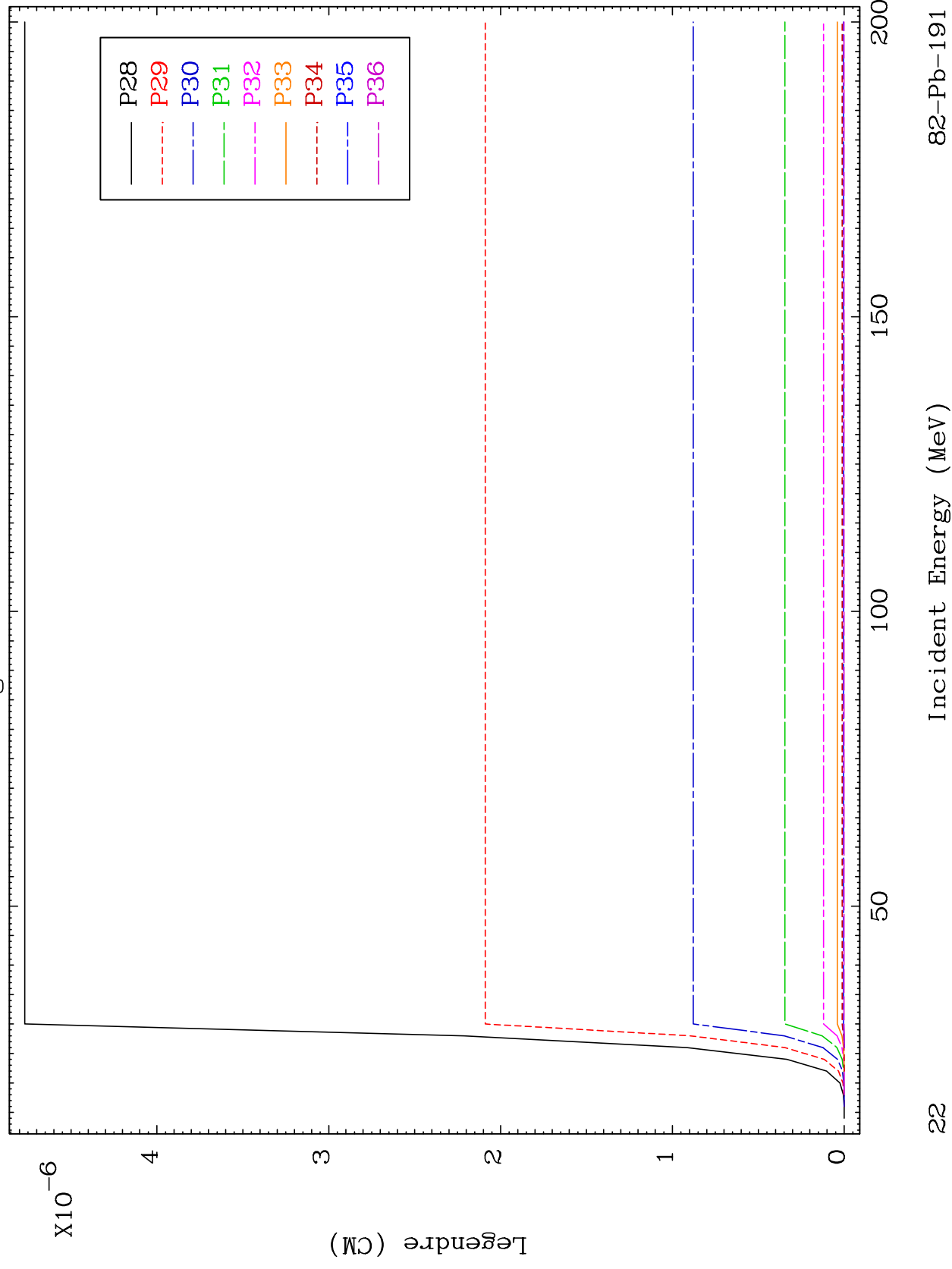
21

82-Pb-191

MAT 8186

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

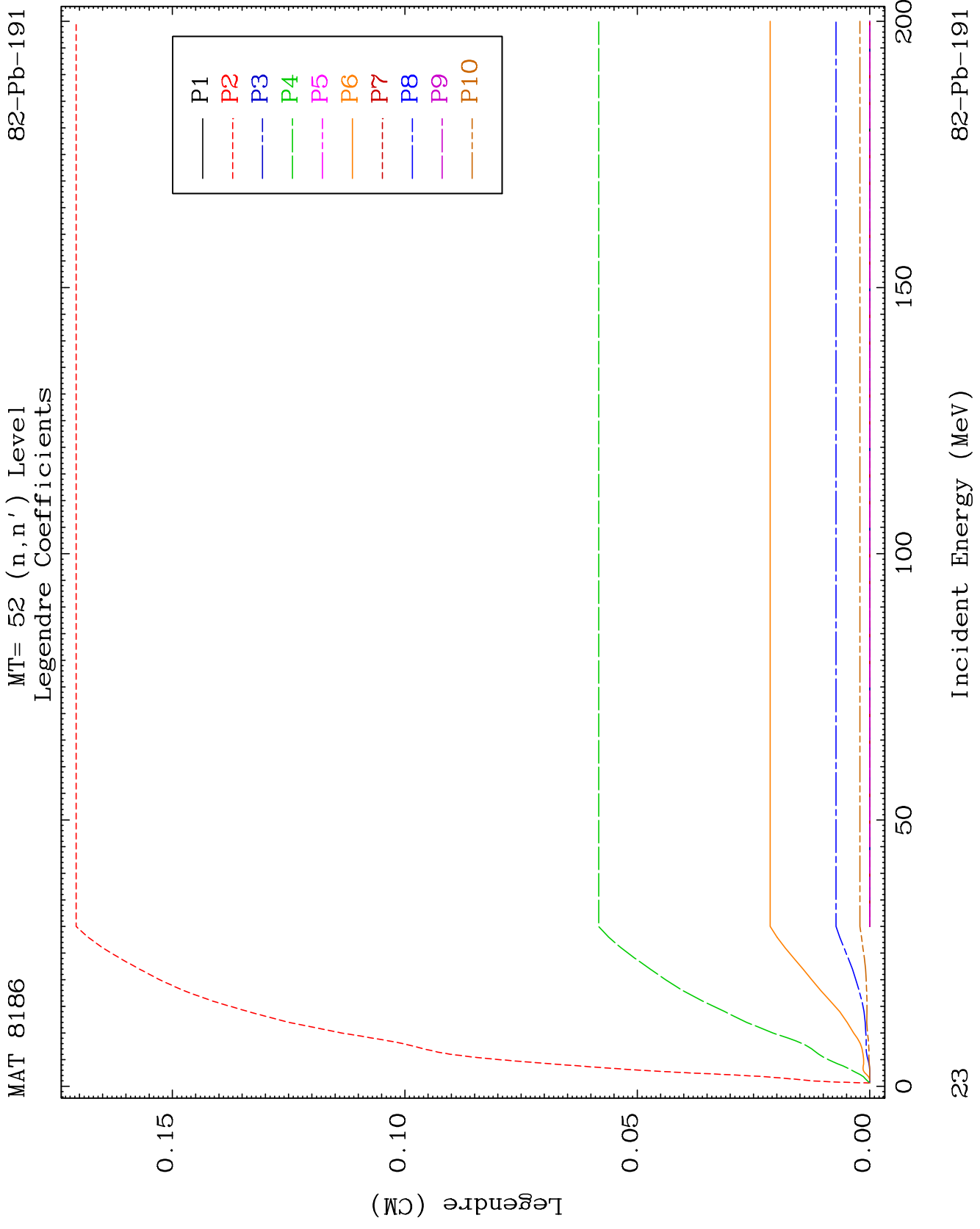
82-Pb-191



22

Incident Energy (MeV)

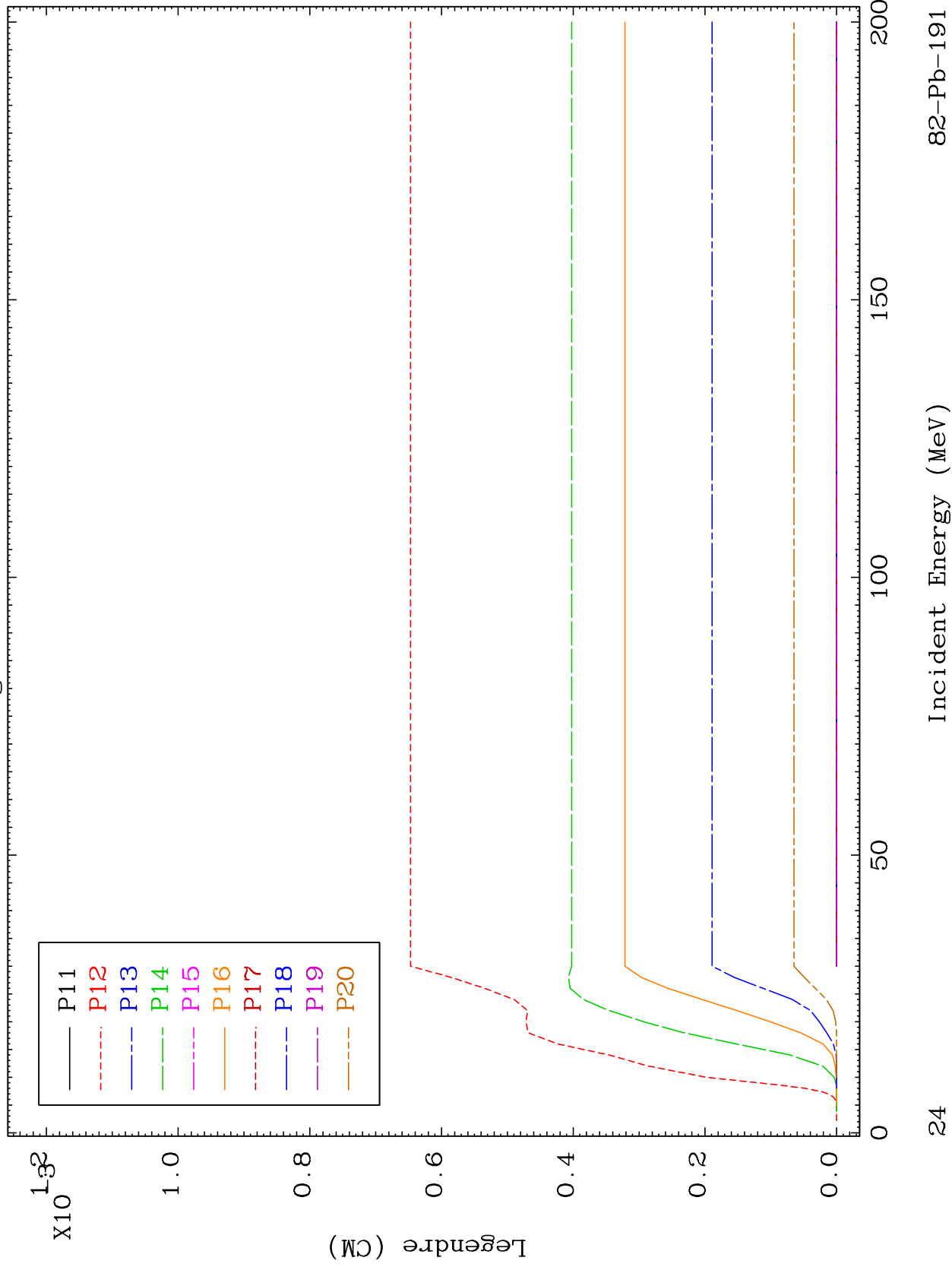
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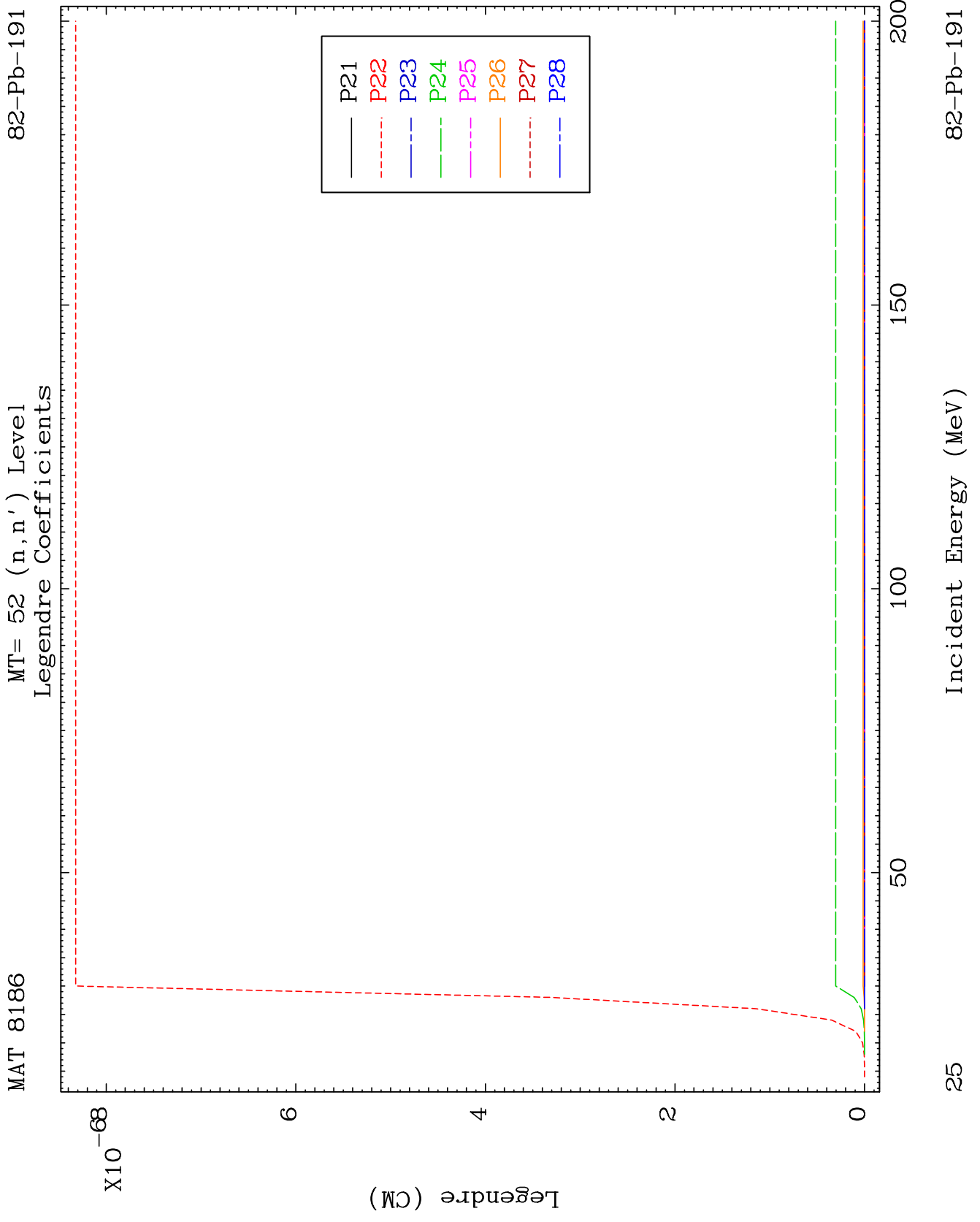


MAT 8186

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

82-Pb-191



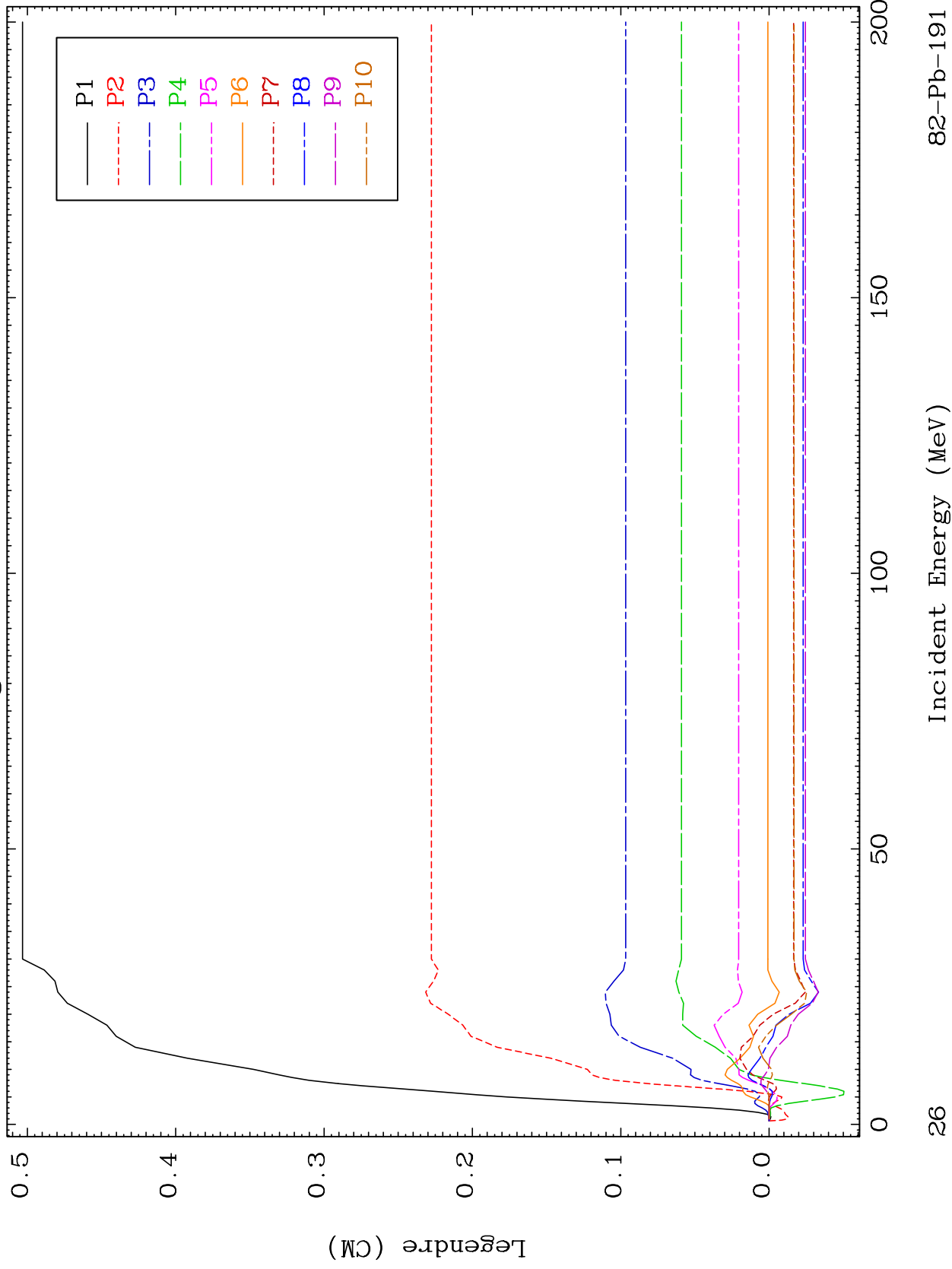


MAT 8186

MT= 53 (n,n') Level

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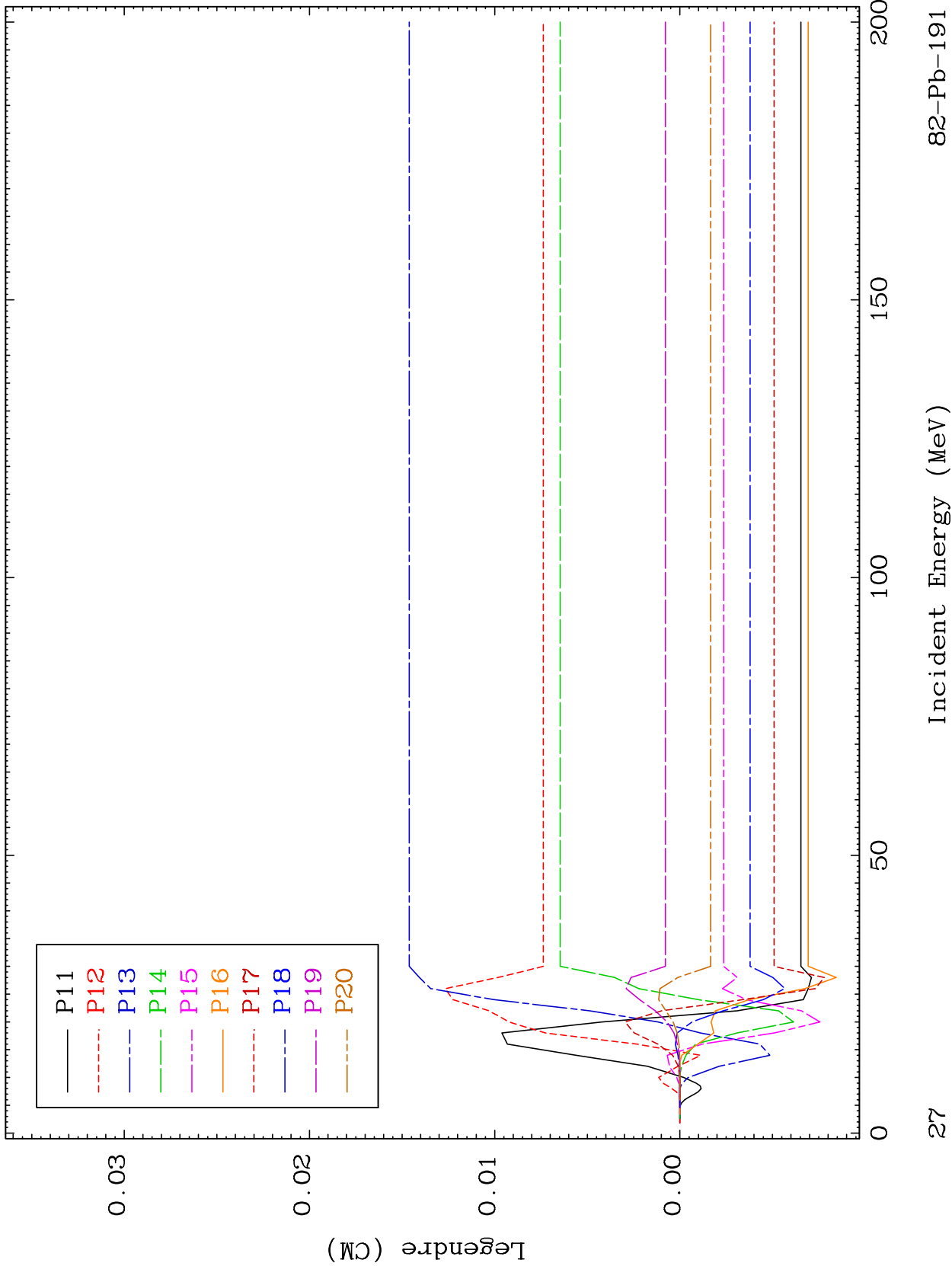
Legendre Coefficients



MAT 8186

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

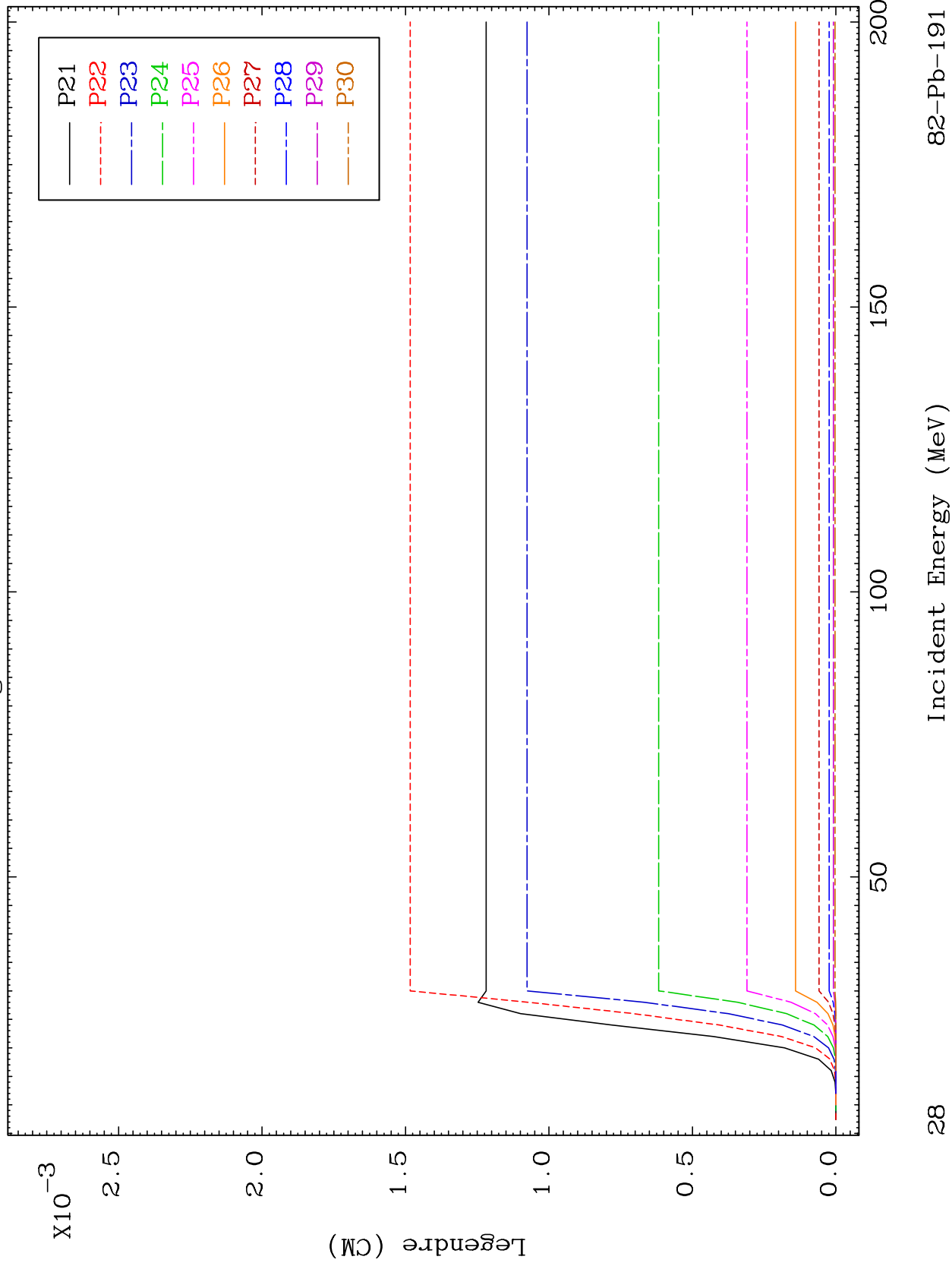
82-Pb-191



MAT 8186

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

82-Pb-191



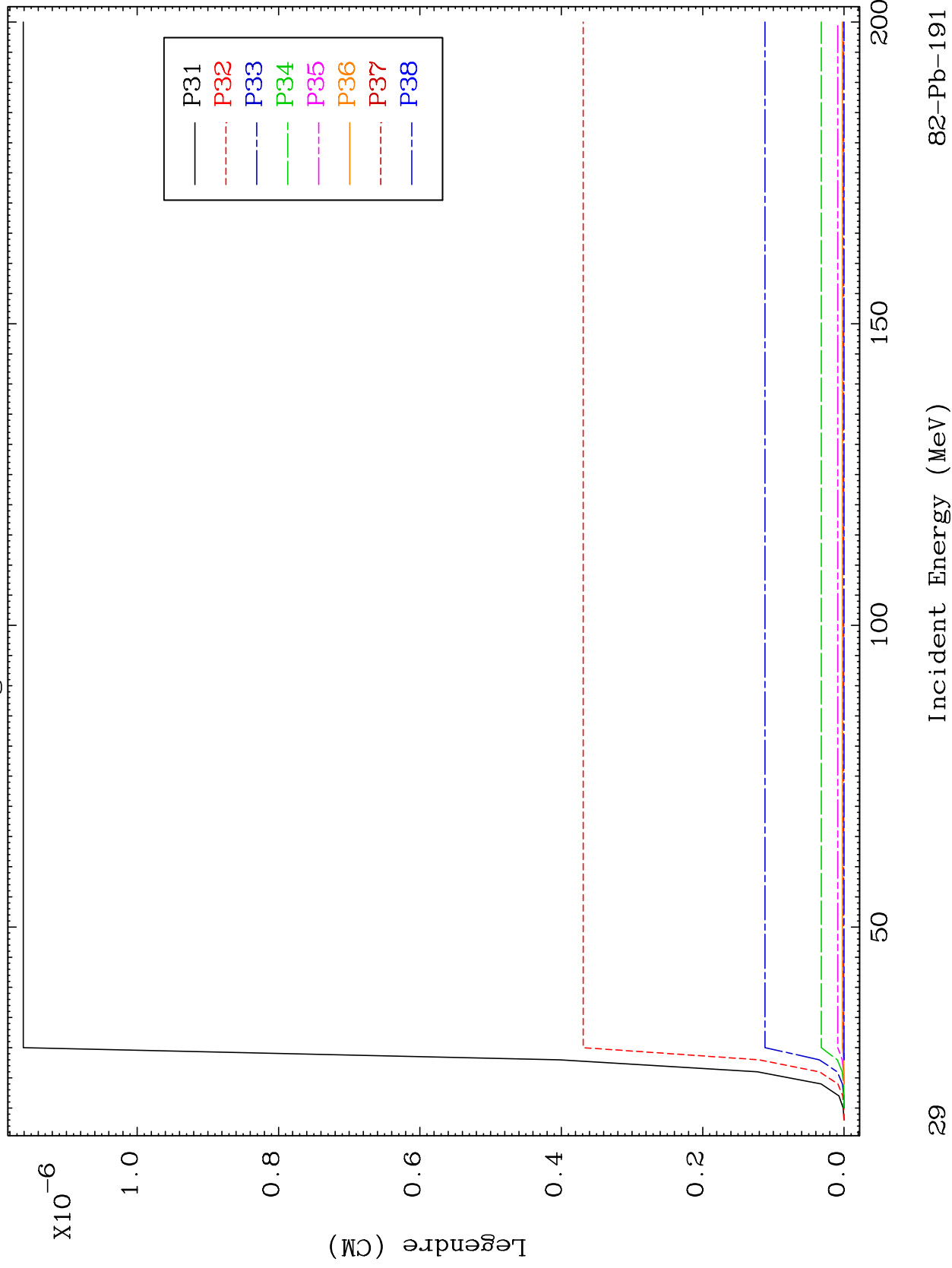
28

82-Pb-191

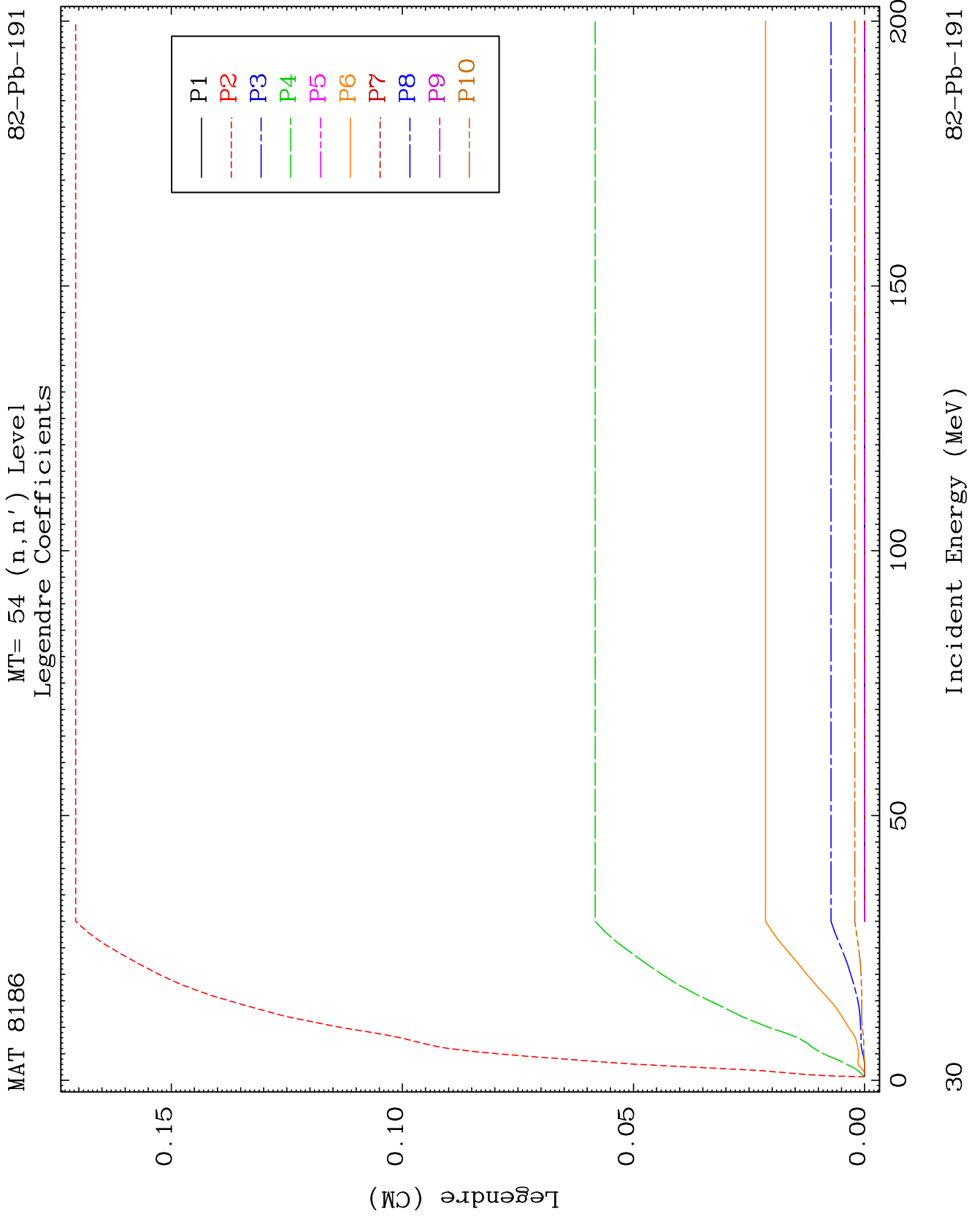
MAT 8186

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

82-Pb-191



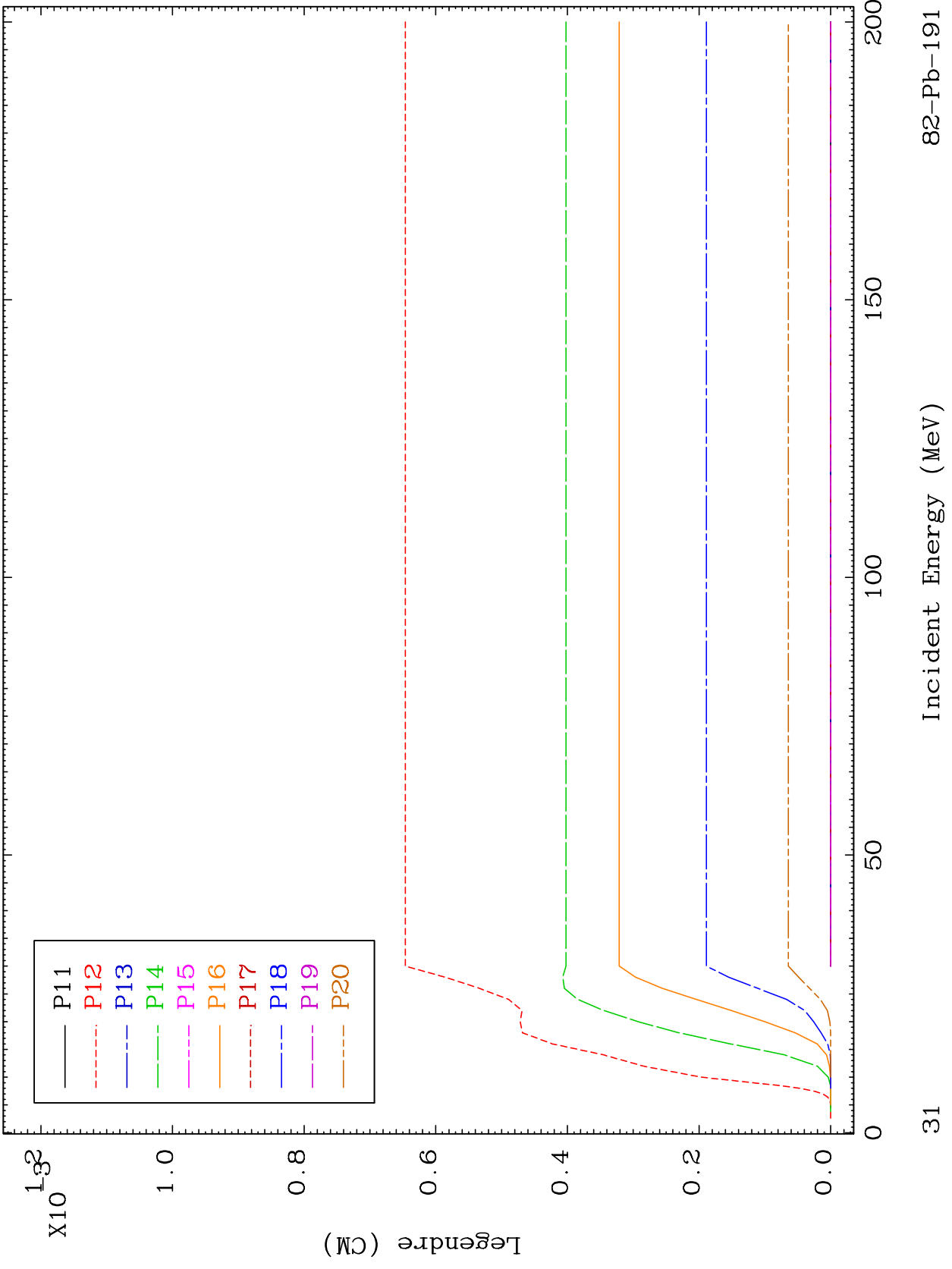
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MAT 8186

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

82-Pb-191

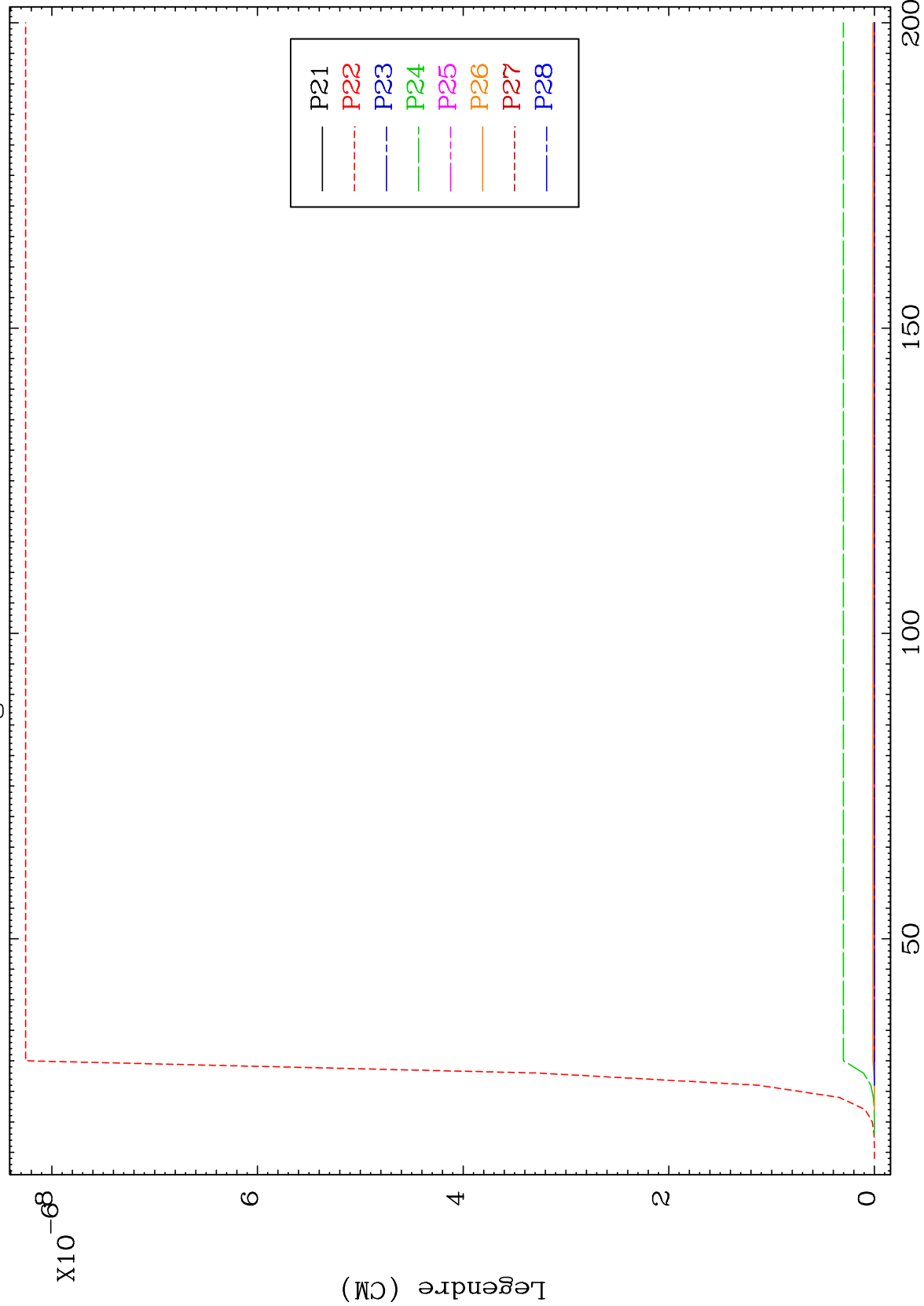


31

MAT 8186

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

82-Pb-191



32

Incident Energy (MeV)

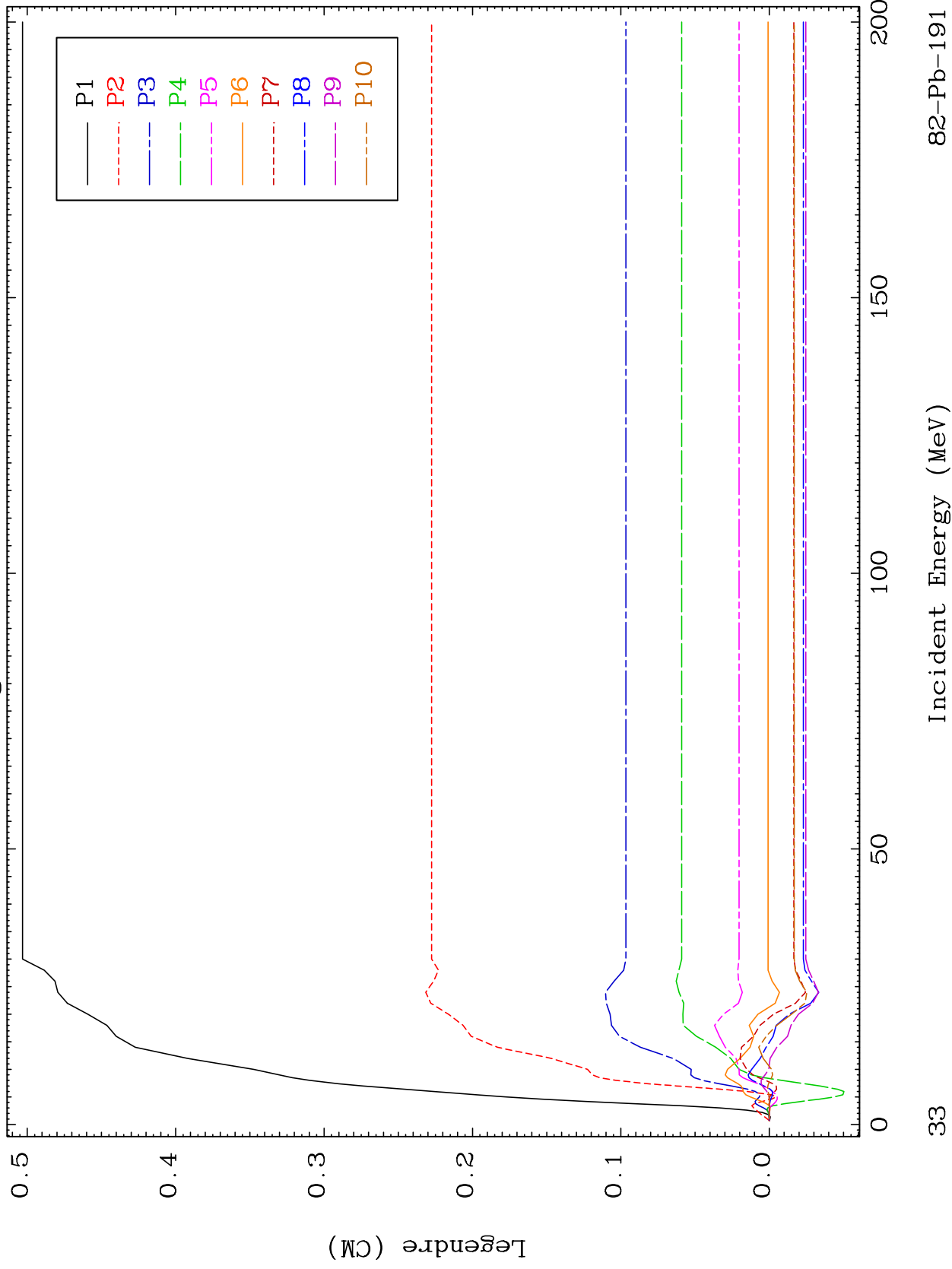
82-Pb-191

MAT 8186

MT= 55 (n,n') Level

82-Pb-191

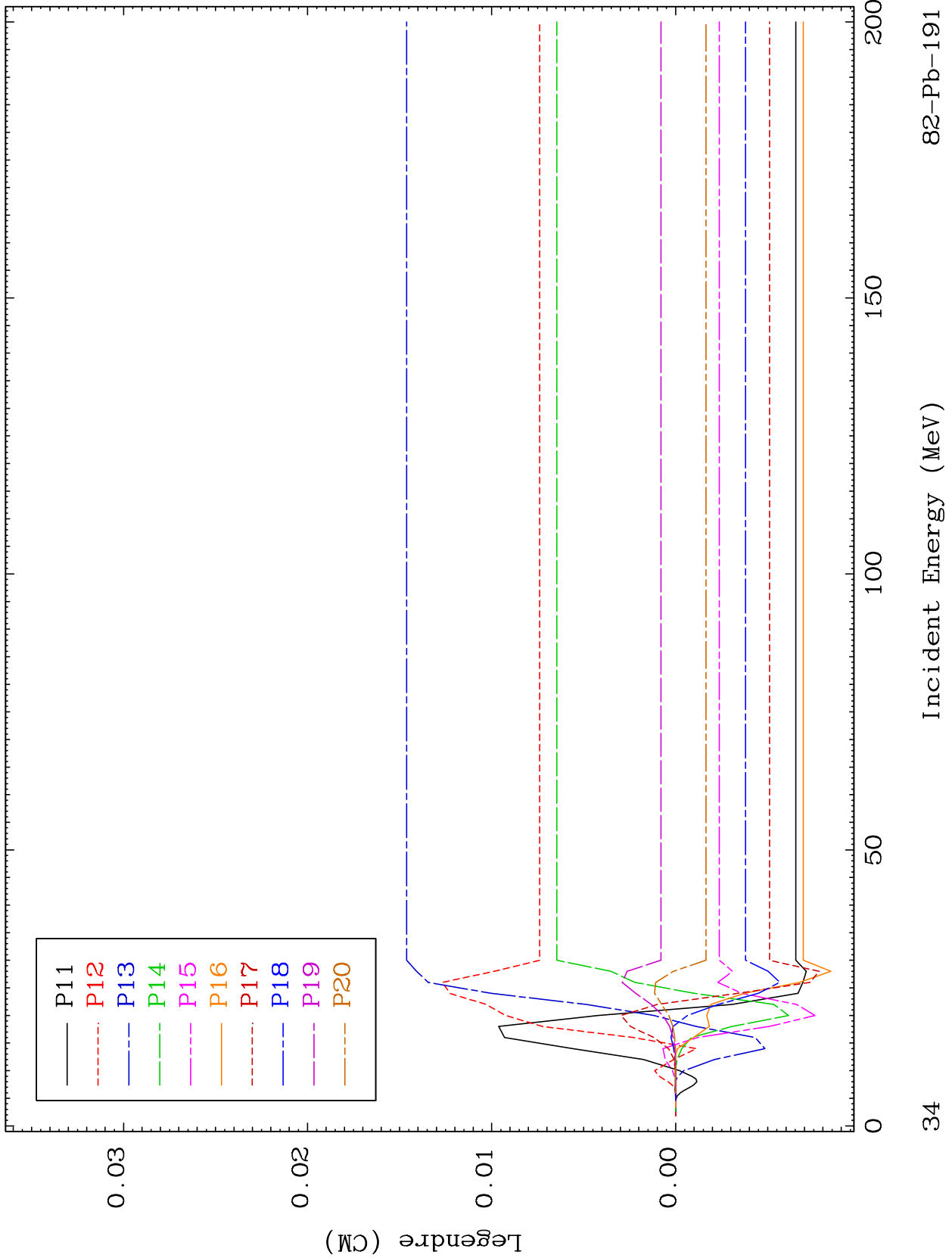
Legendre Coefficients



MAT 8186

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

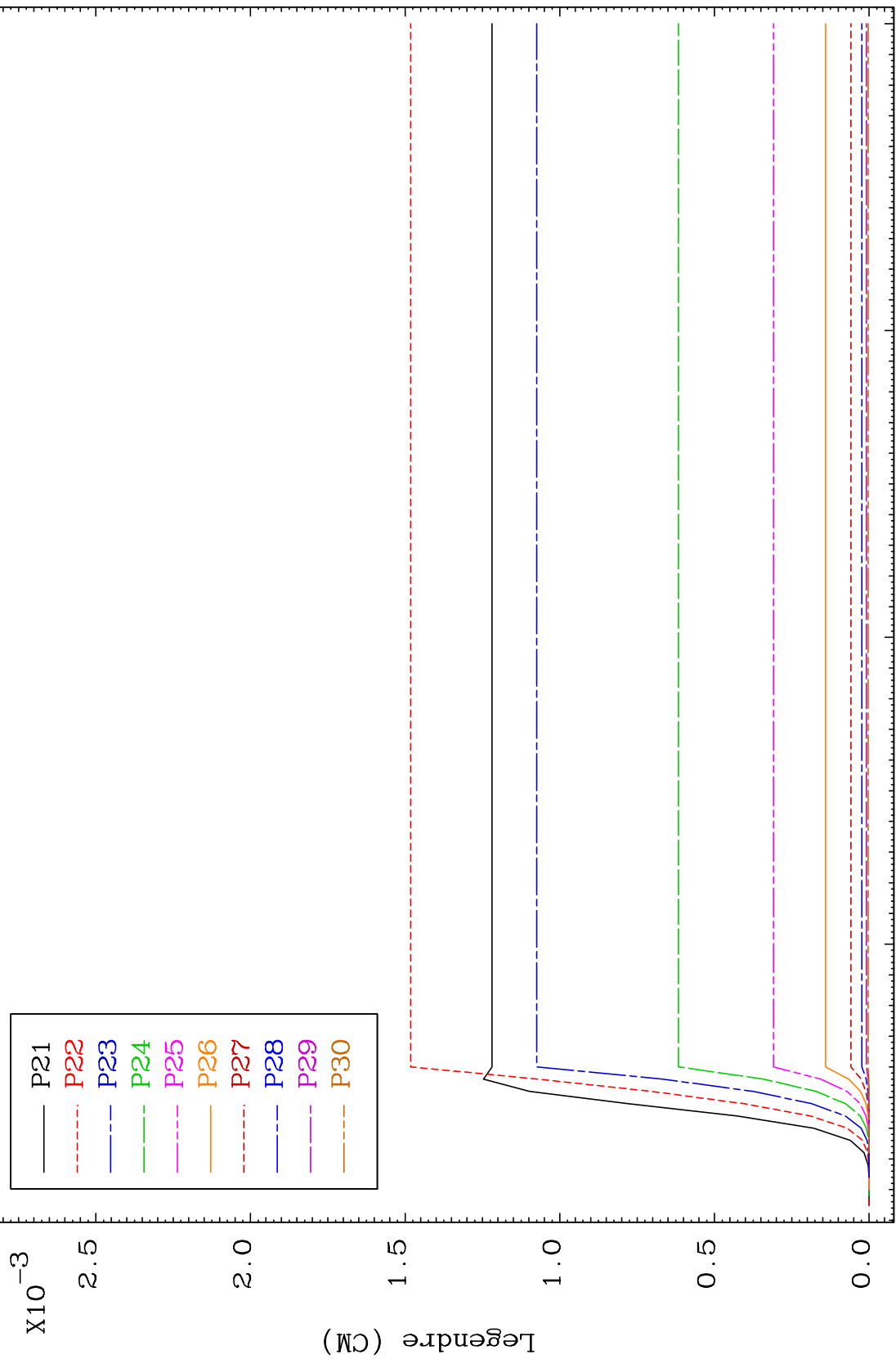
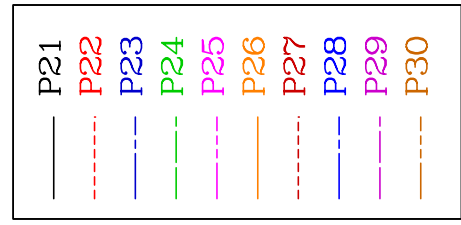
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MAT 8186

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

82-Pb-191



35

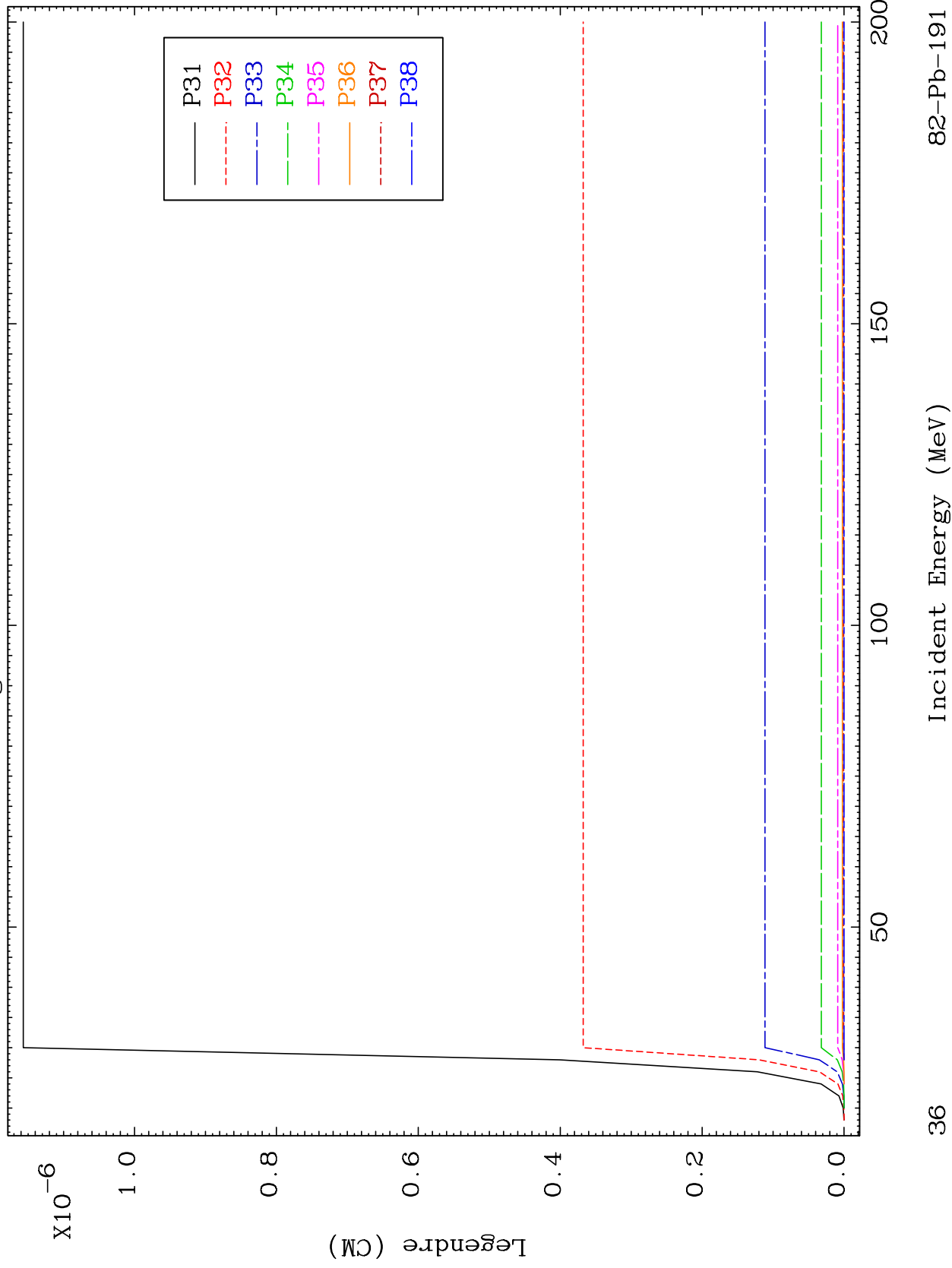
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

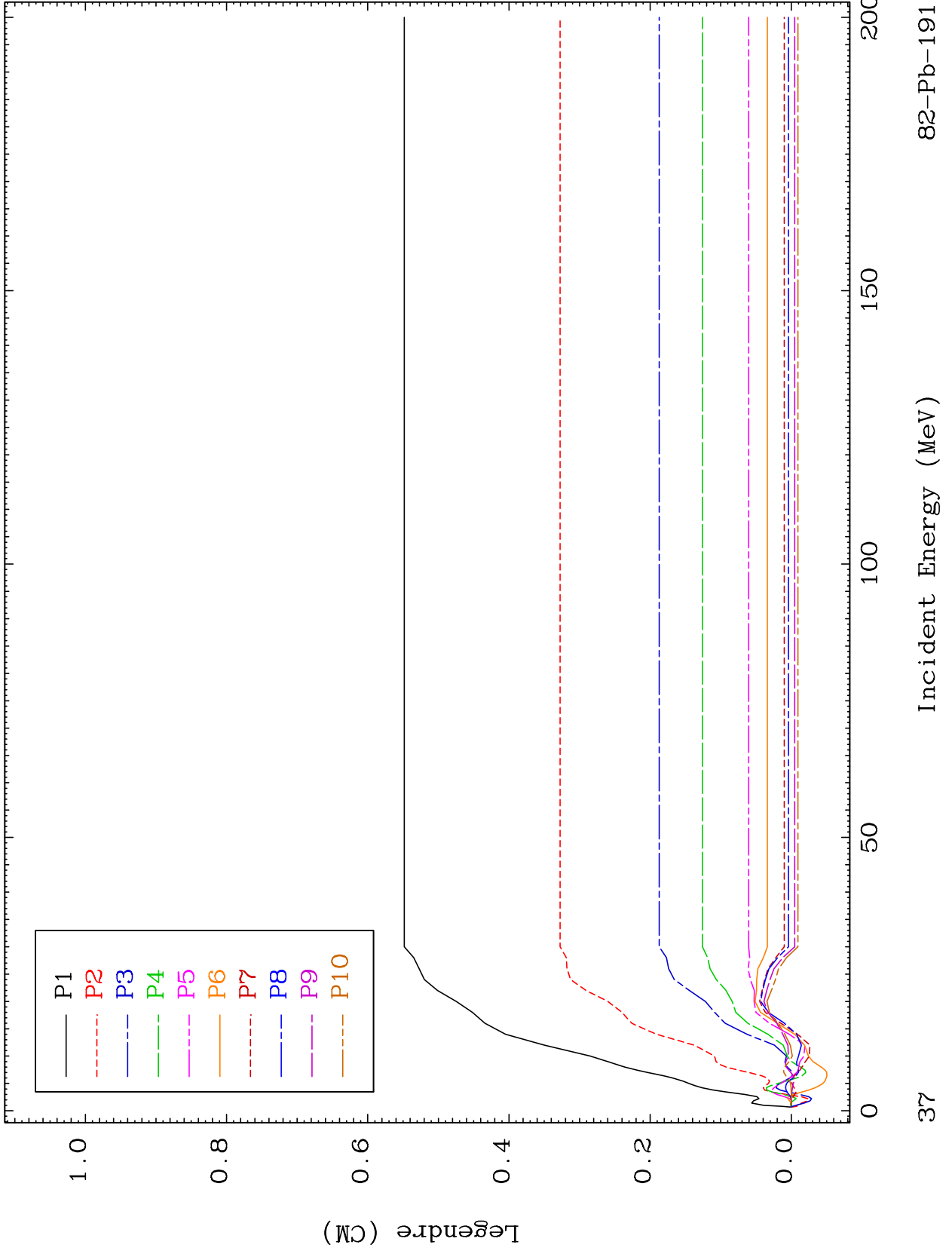
82-Pb-191



MAT 8186

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

82-Pb-191



37

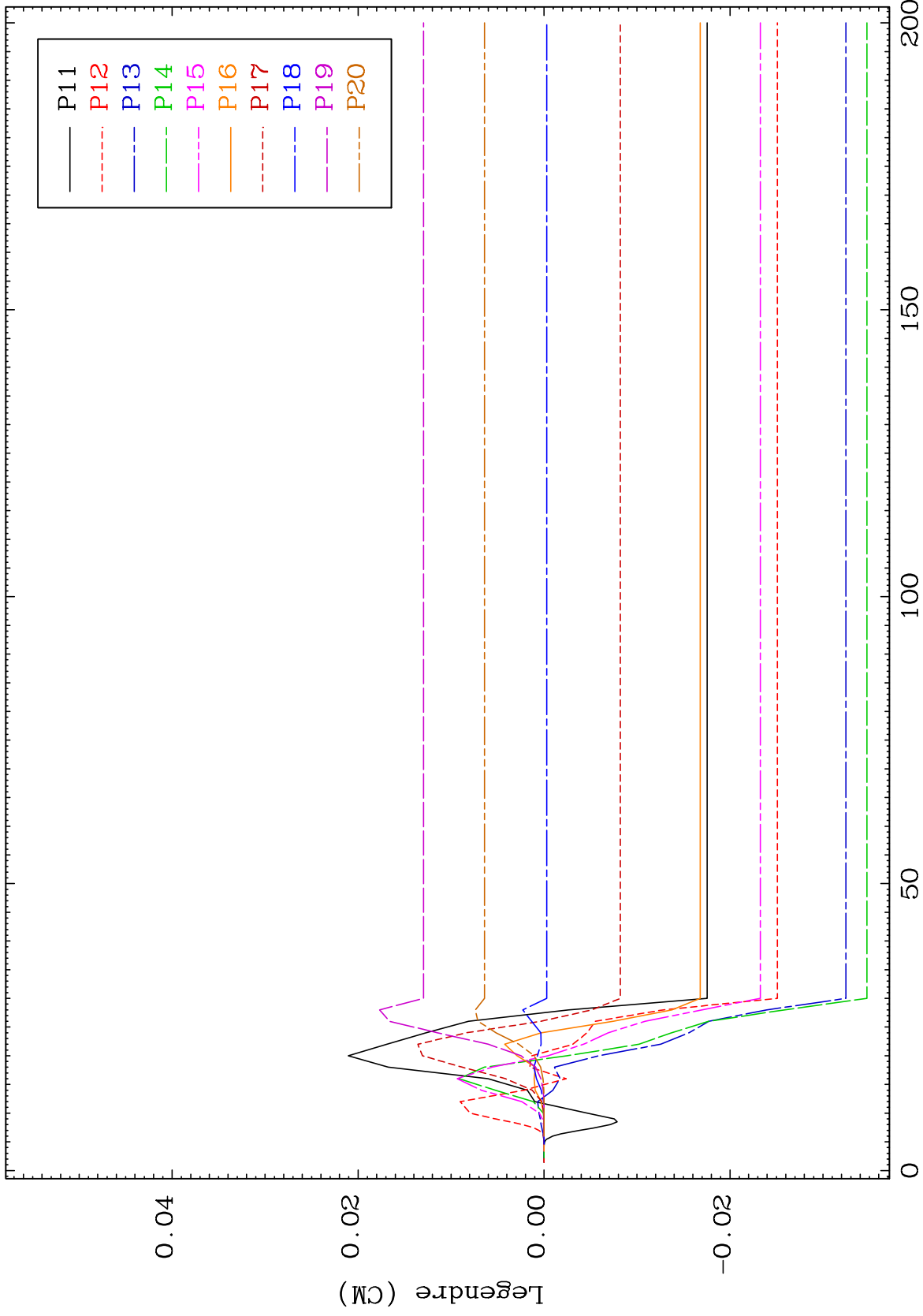
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

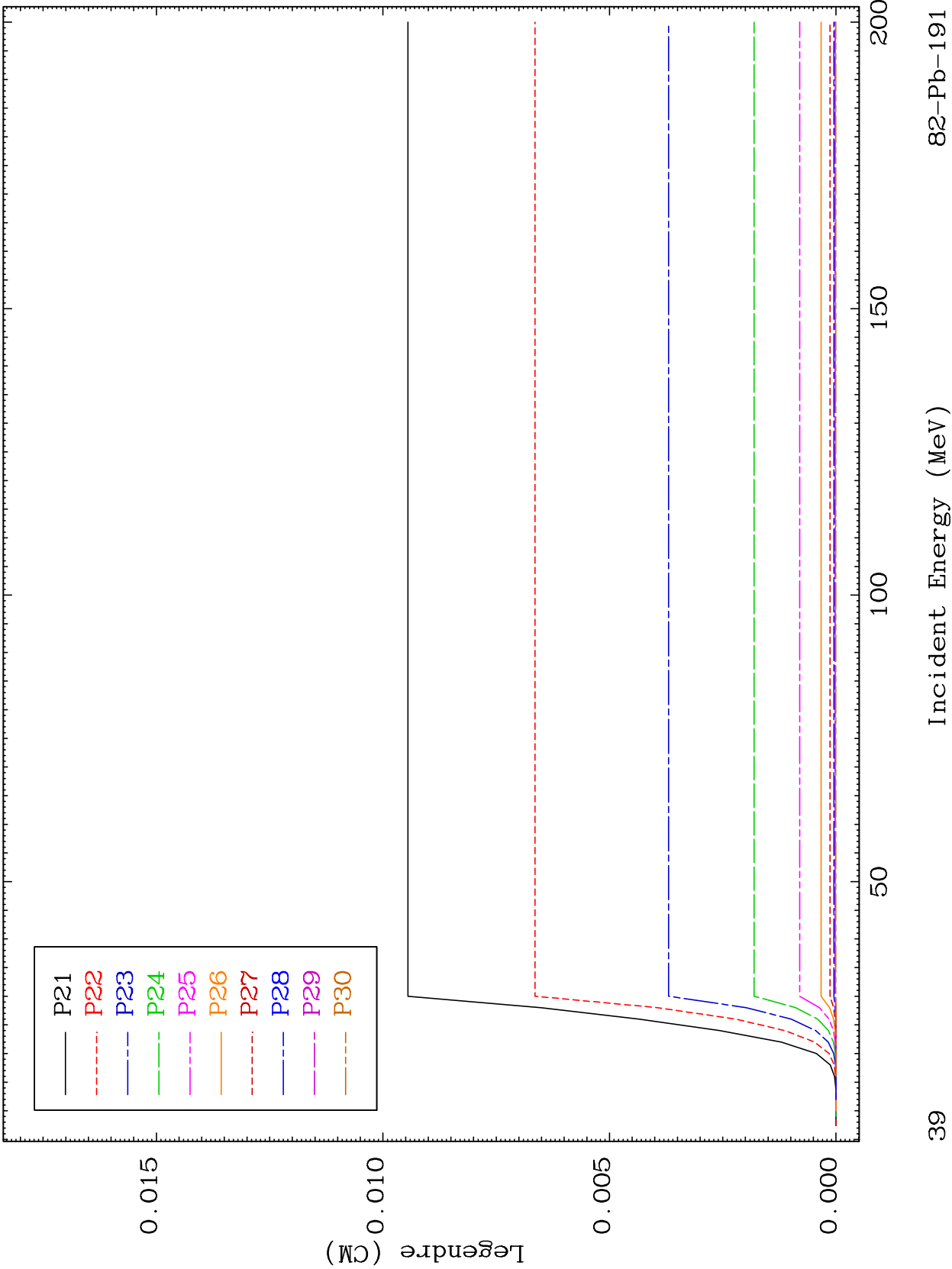
82-Pb-191



38

Incident Energy (MeV)

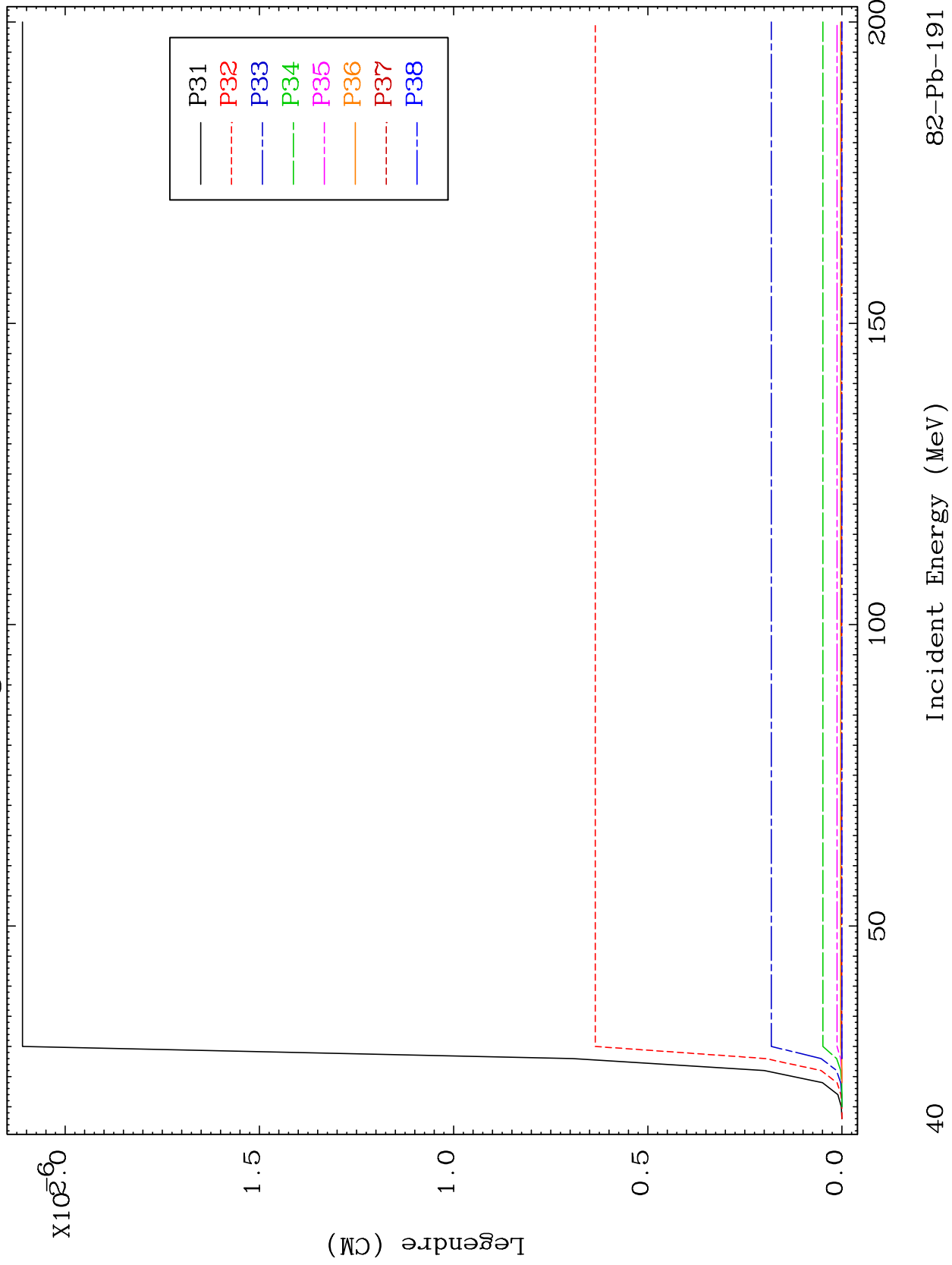
82-Pb-191



MAT 8186

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

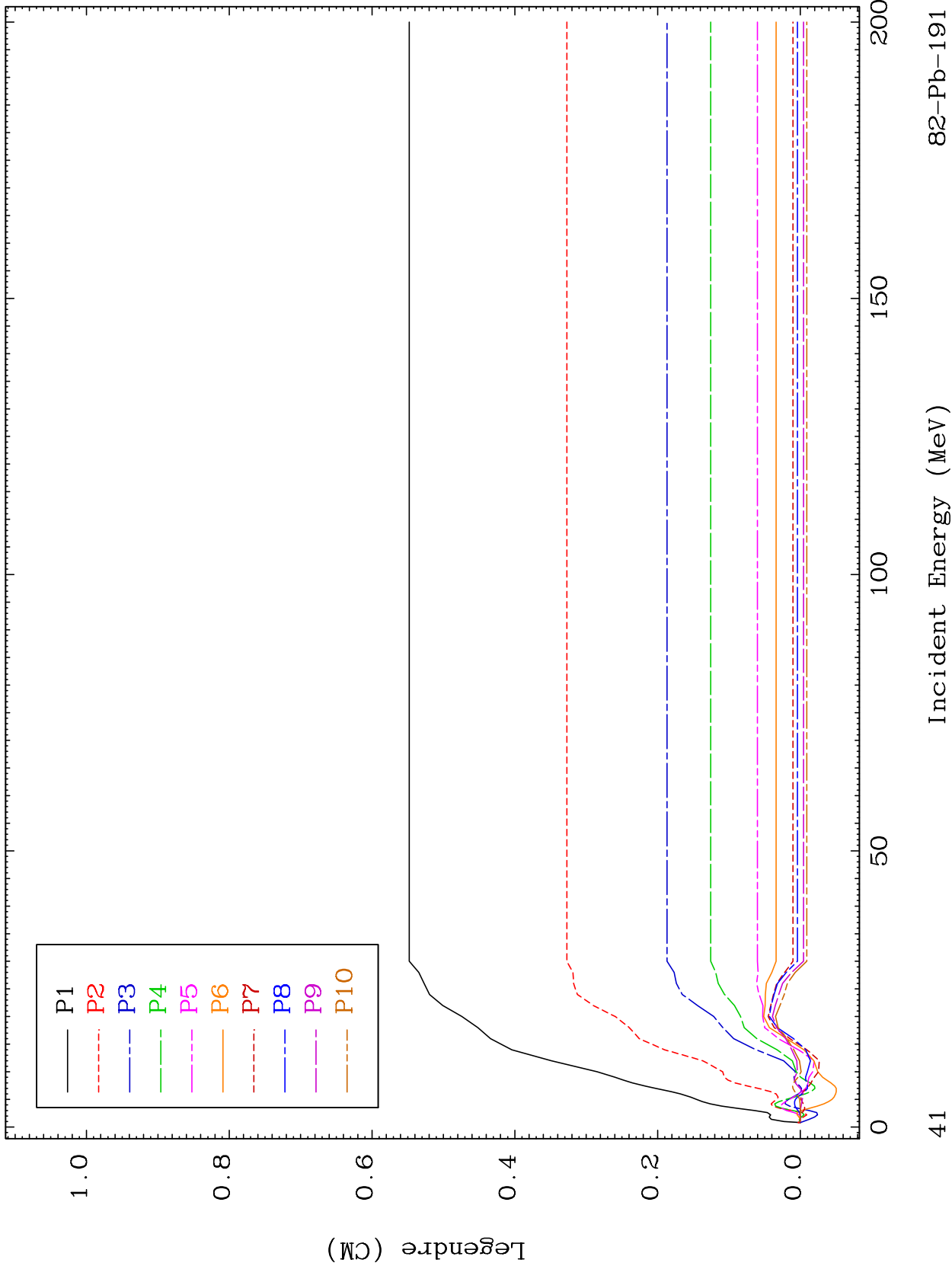
82-Pb-191



MAT 8186

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

82-Pb-191



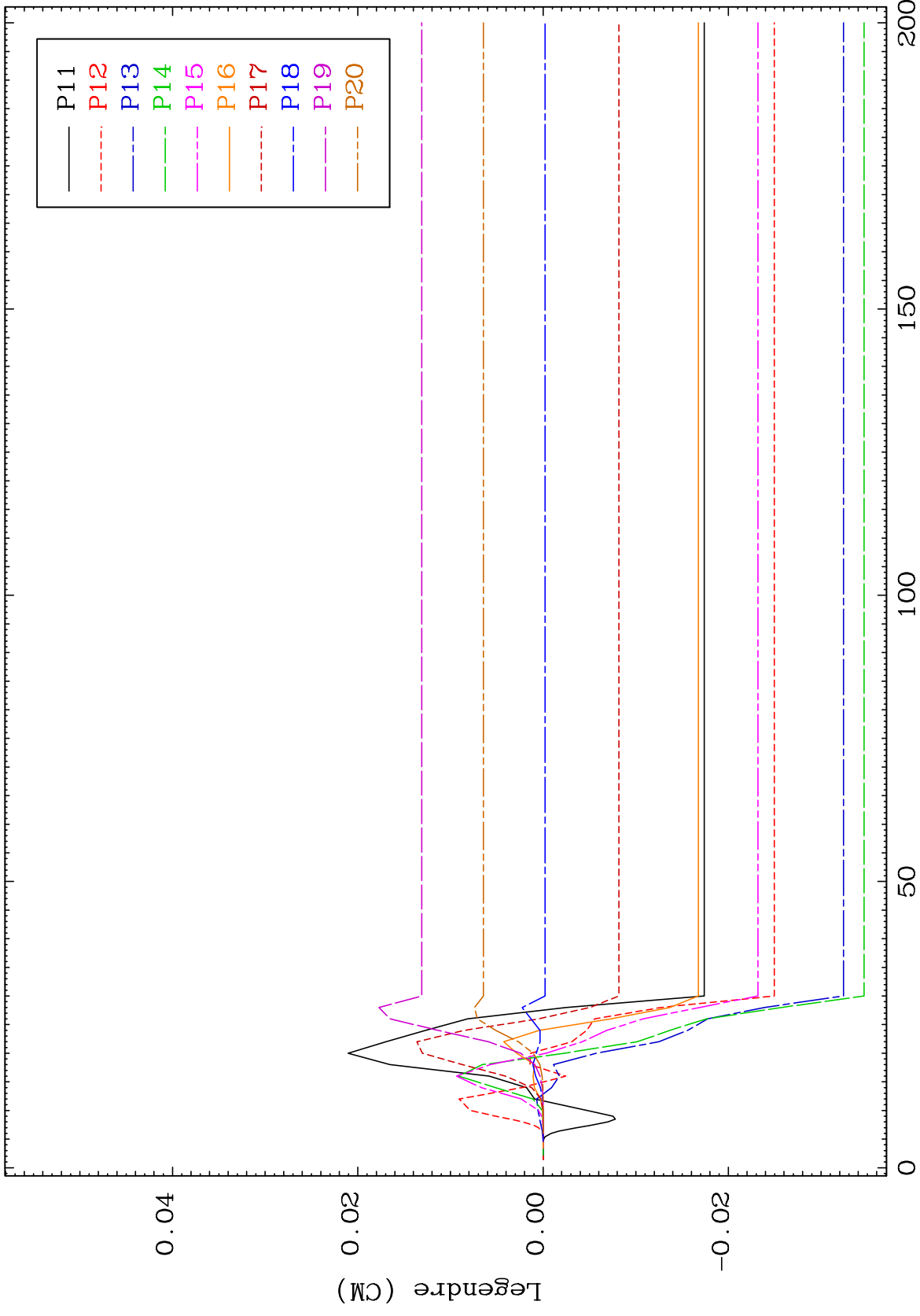
41

82-Pb-191

MAT 8186

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

82-Pb-191



42

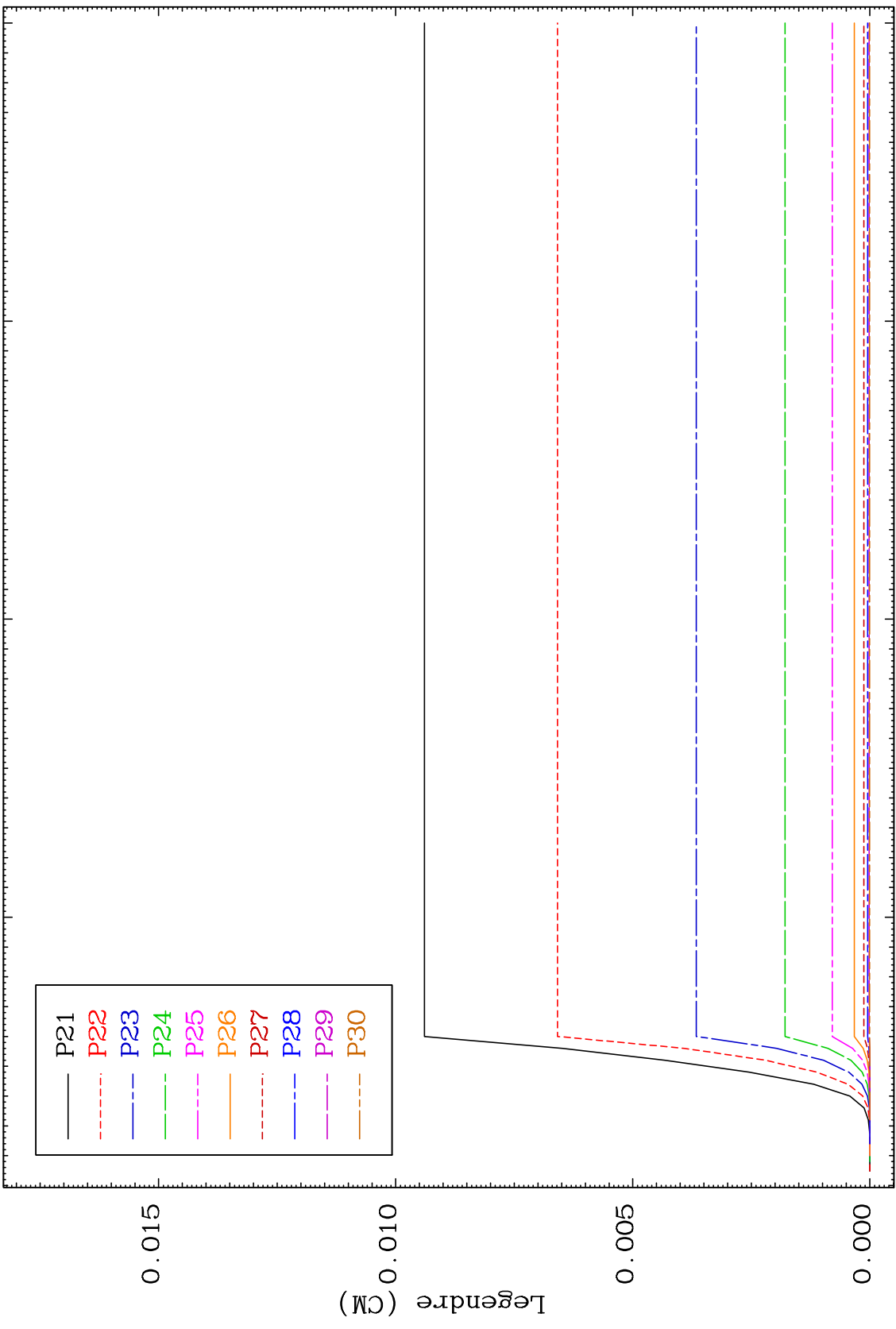
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

82-Pb-191



43

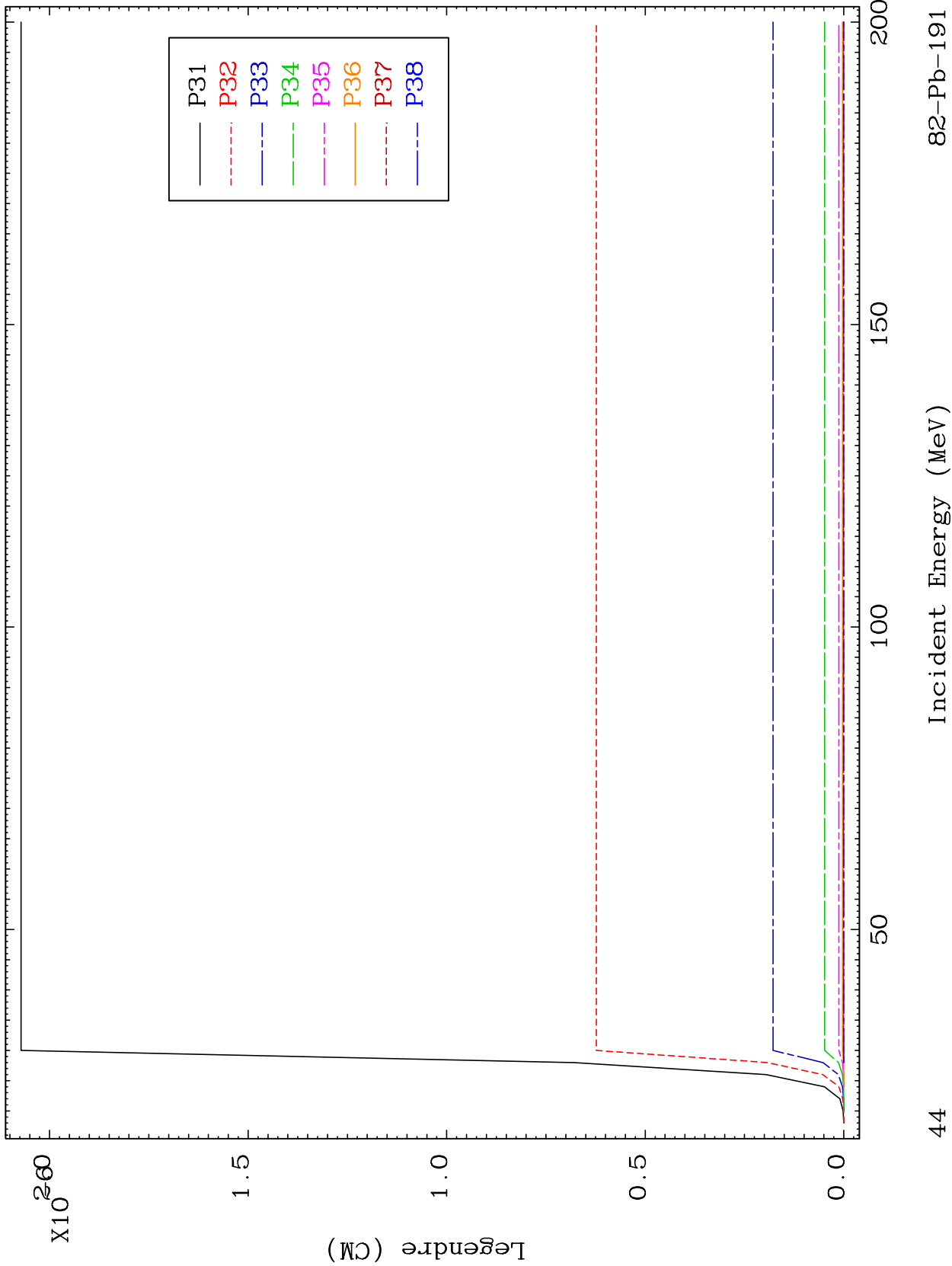
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

82-Pb-191



44

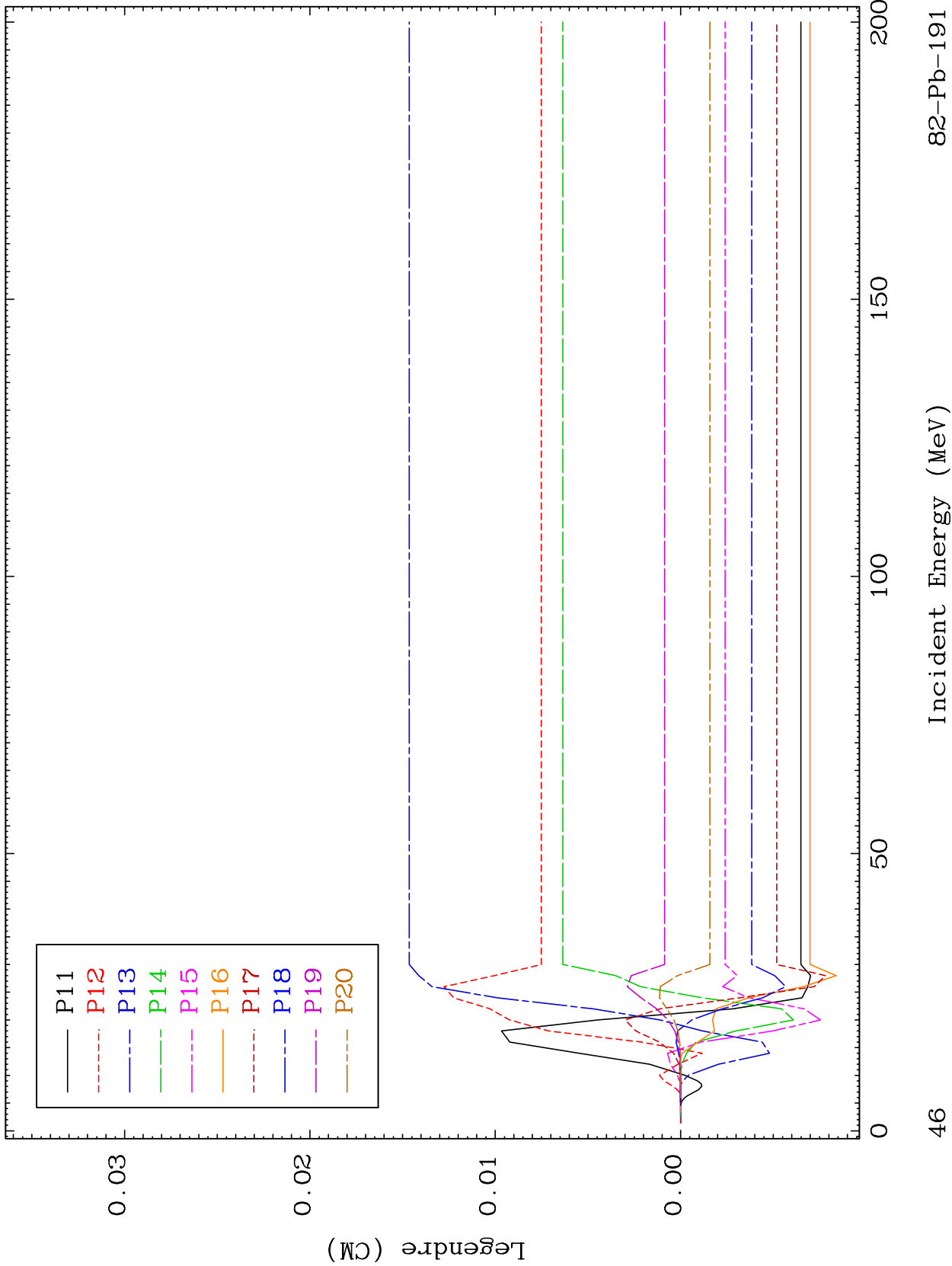
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

82-Pb-191



46

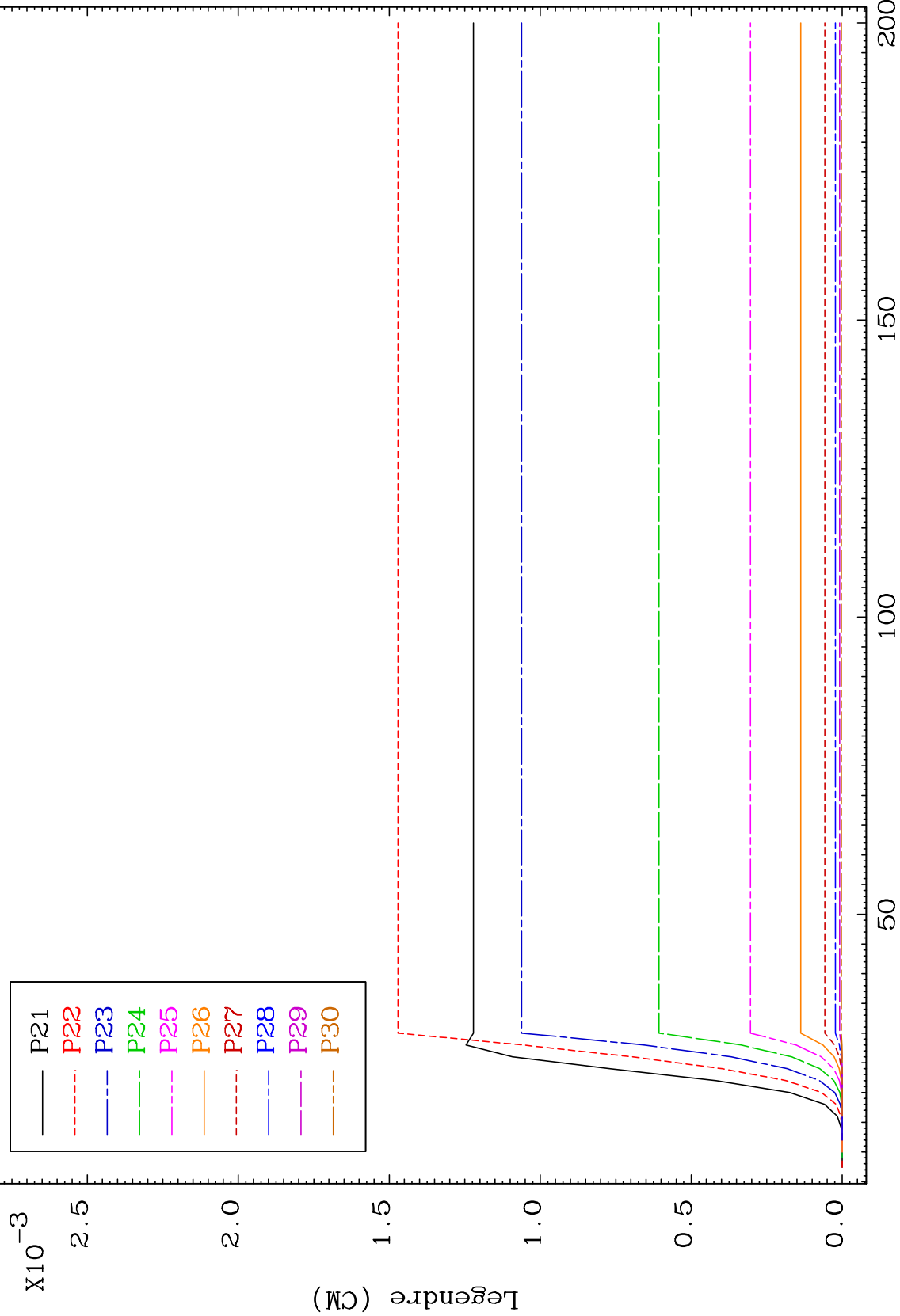
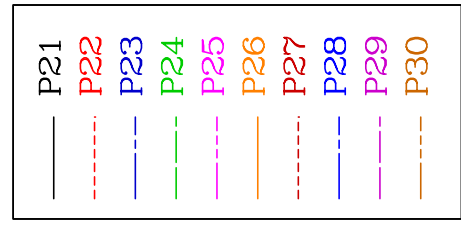
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

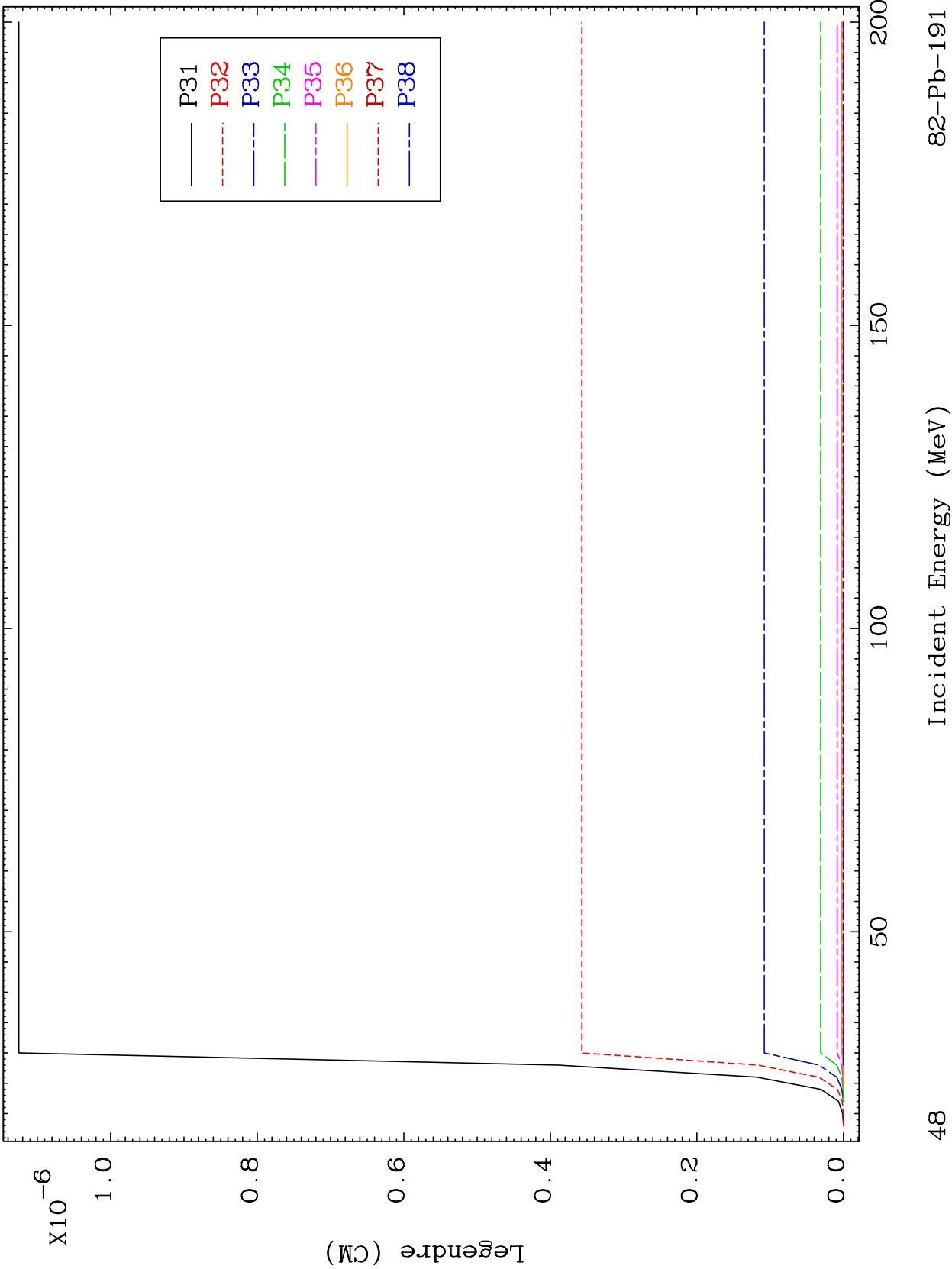
82-Pb-191



MAT 8186

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

82-Pb-191



48

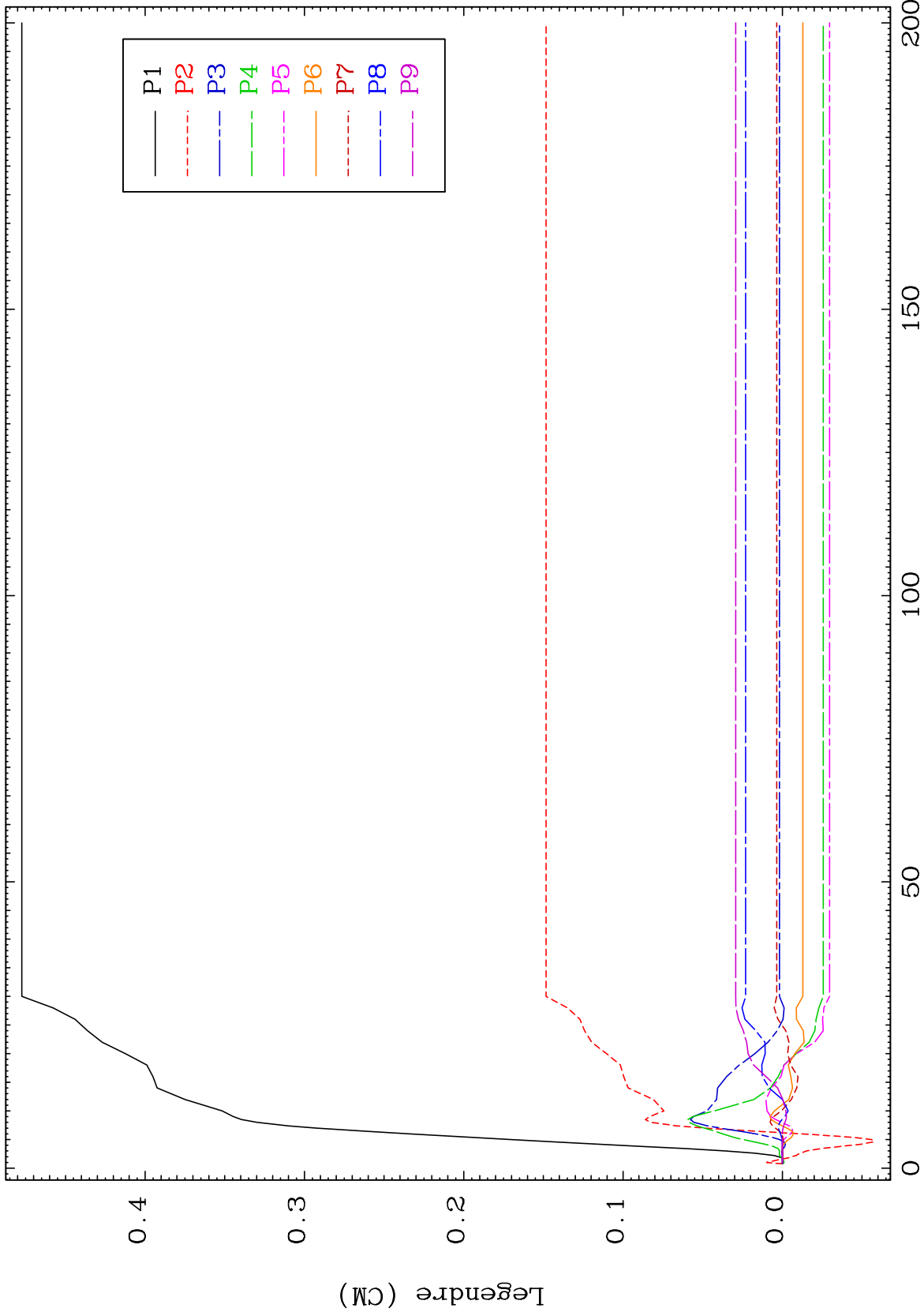
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

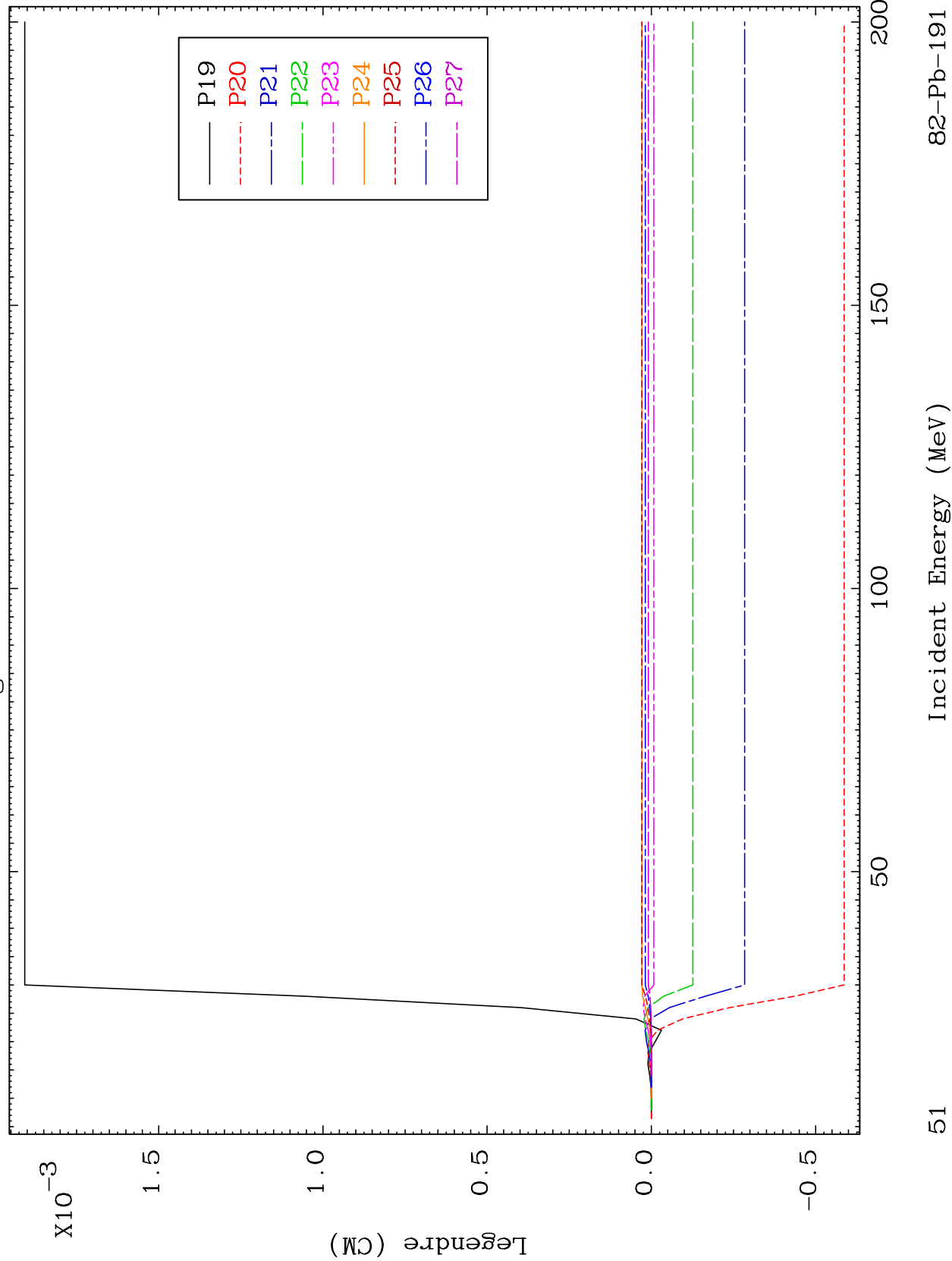
82-Pb-191



49

Incident Energy (MeV)

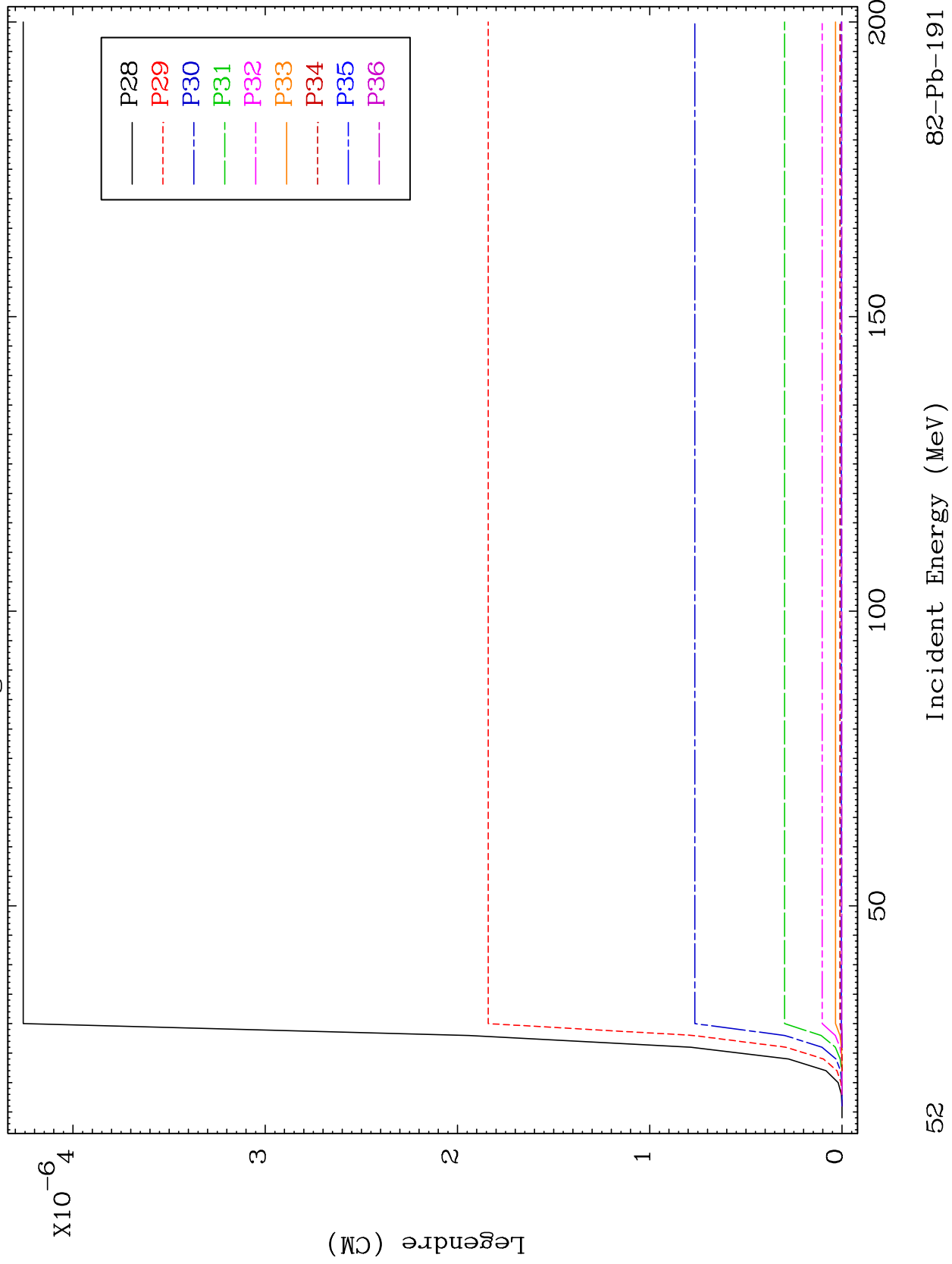
82-Pb-191



MAT 8186

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

82-Pb-191



52

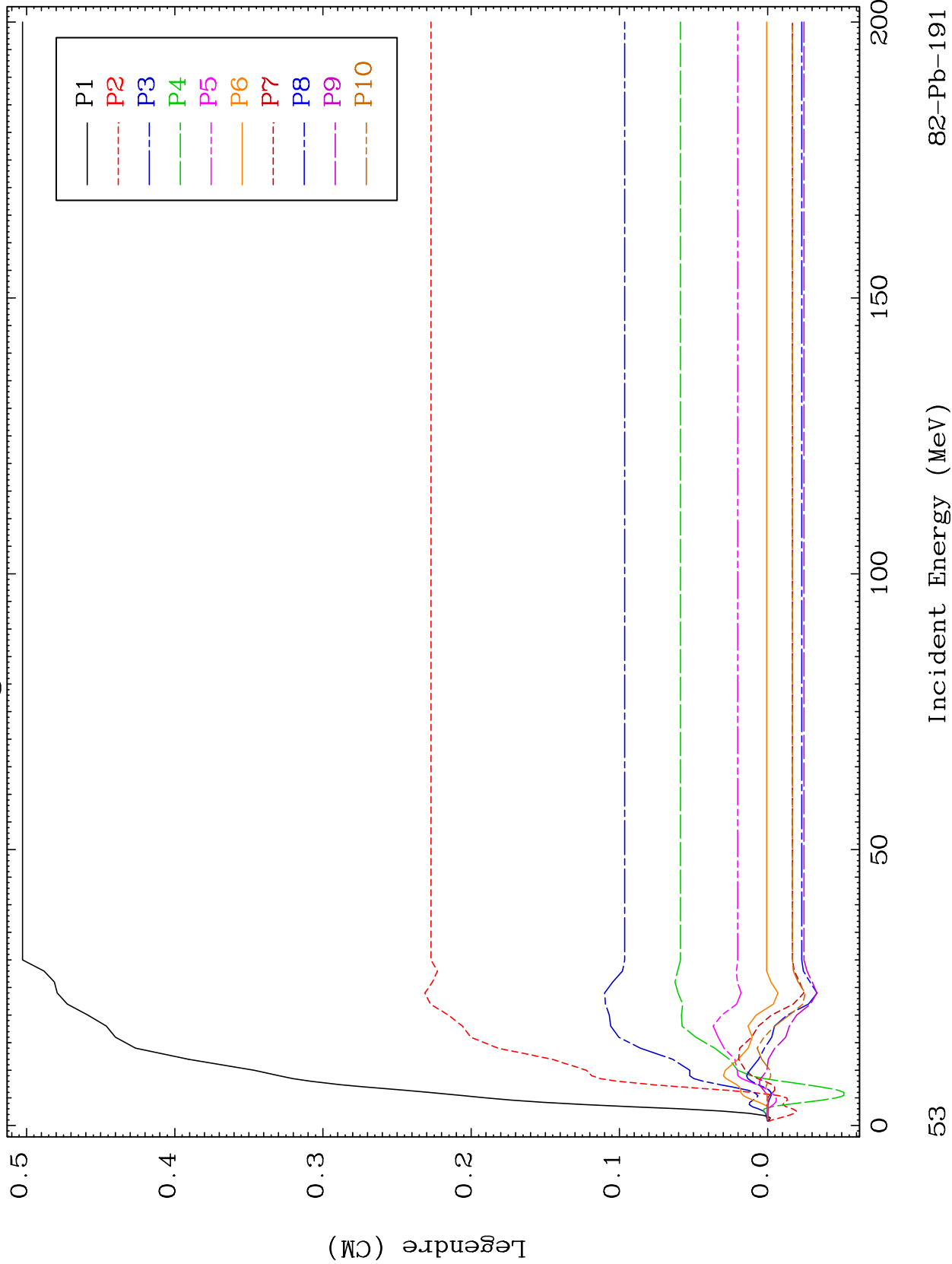
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

82-Pb-191

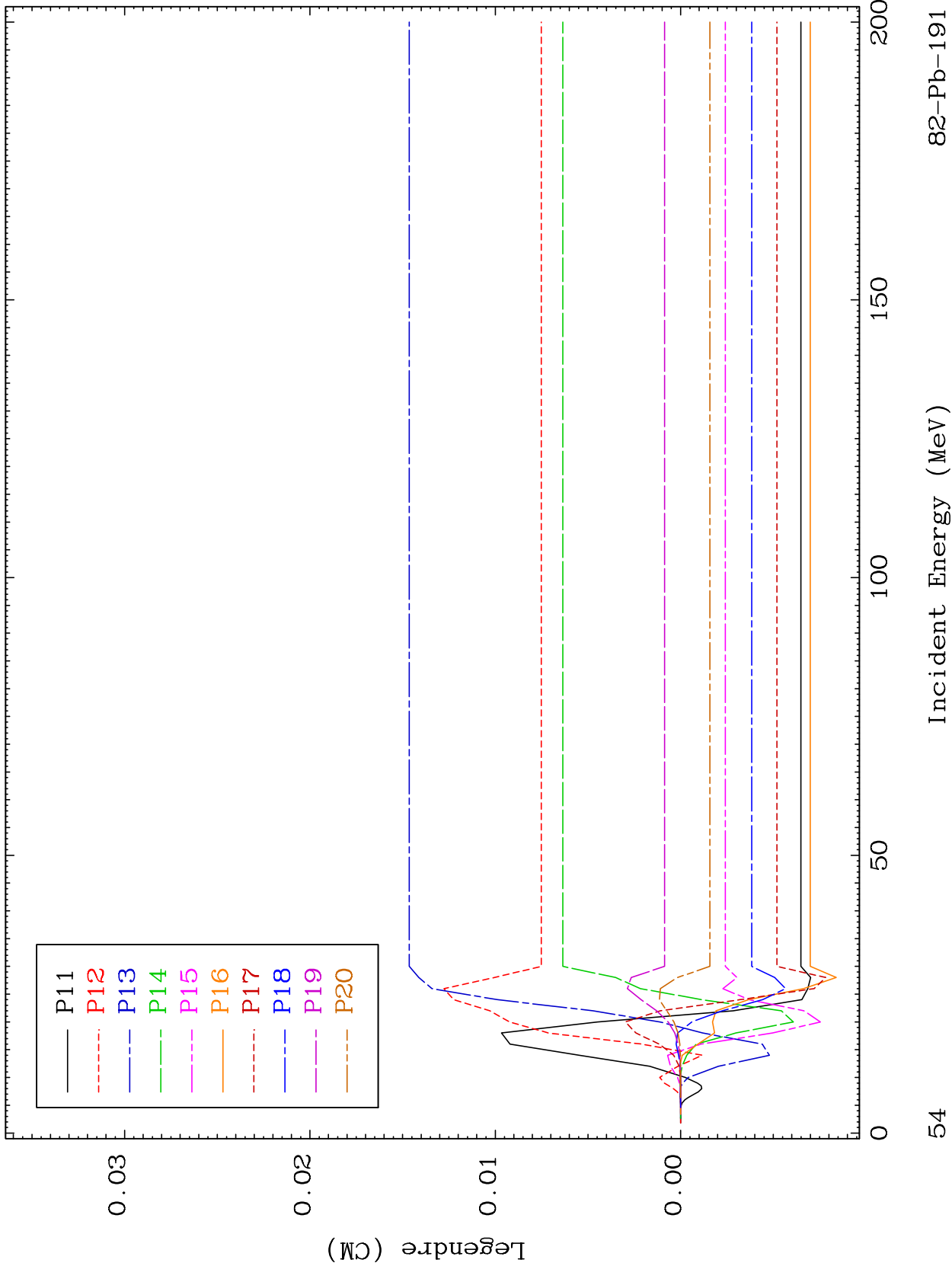


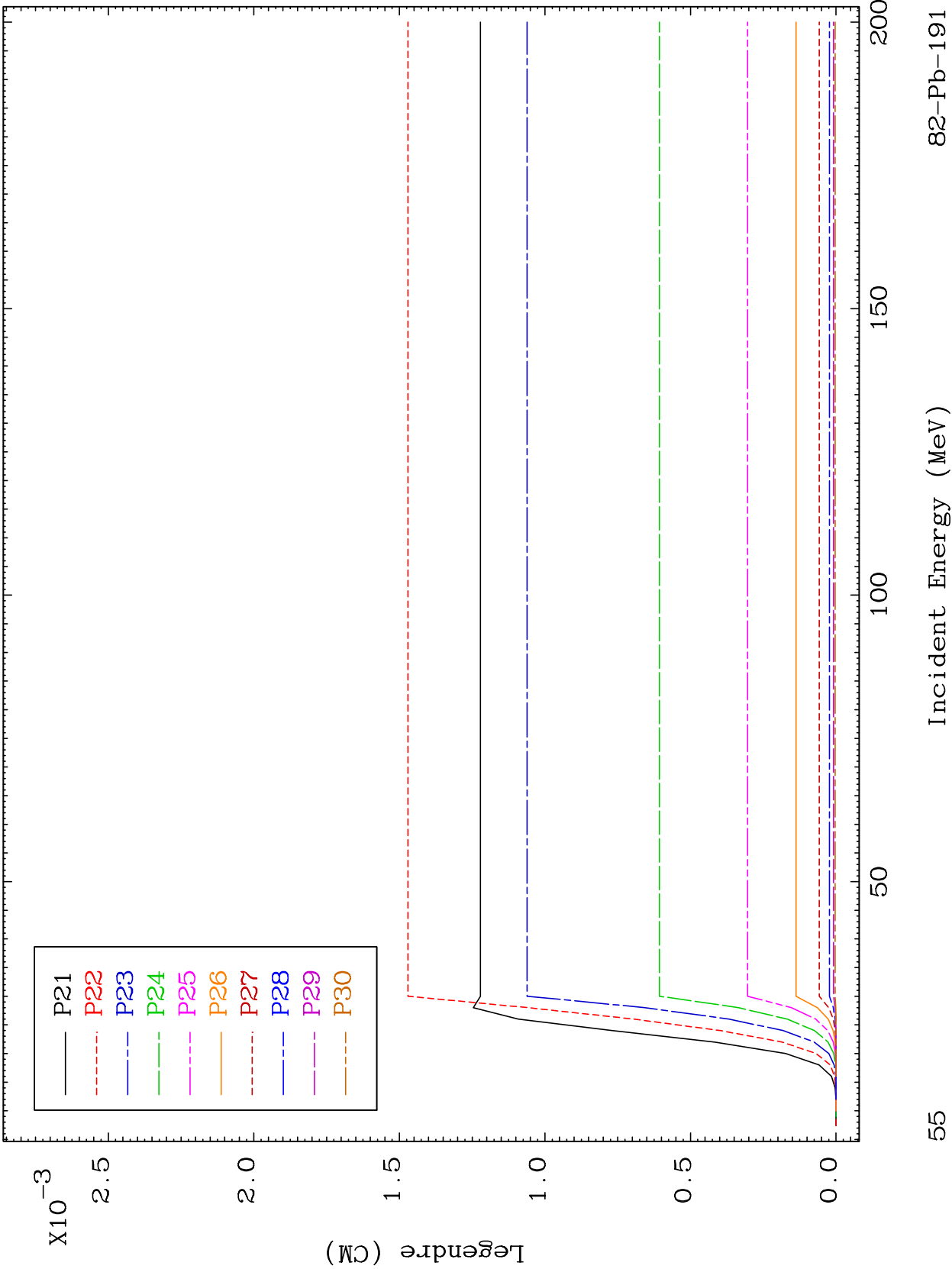
53

MAT 8186

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

82-Pb-191

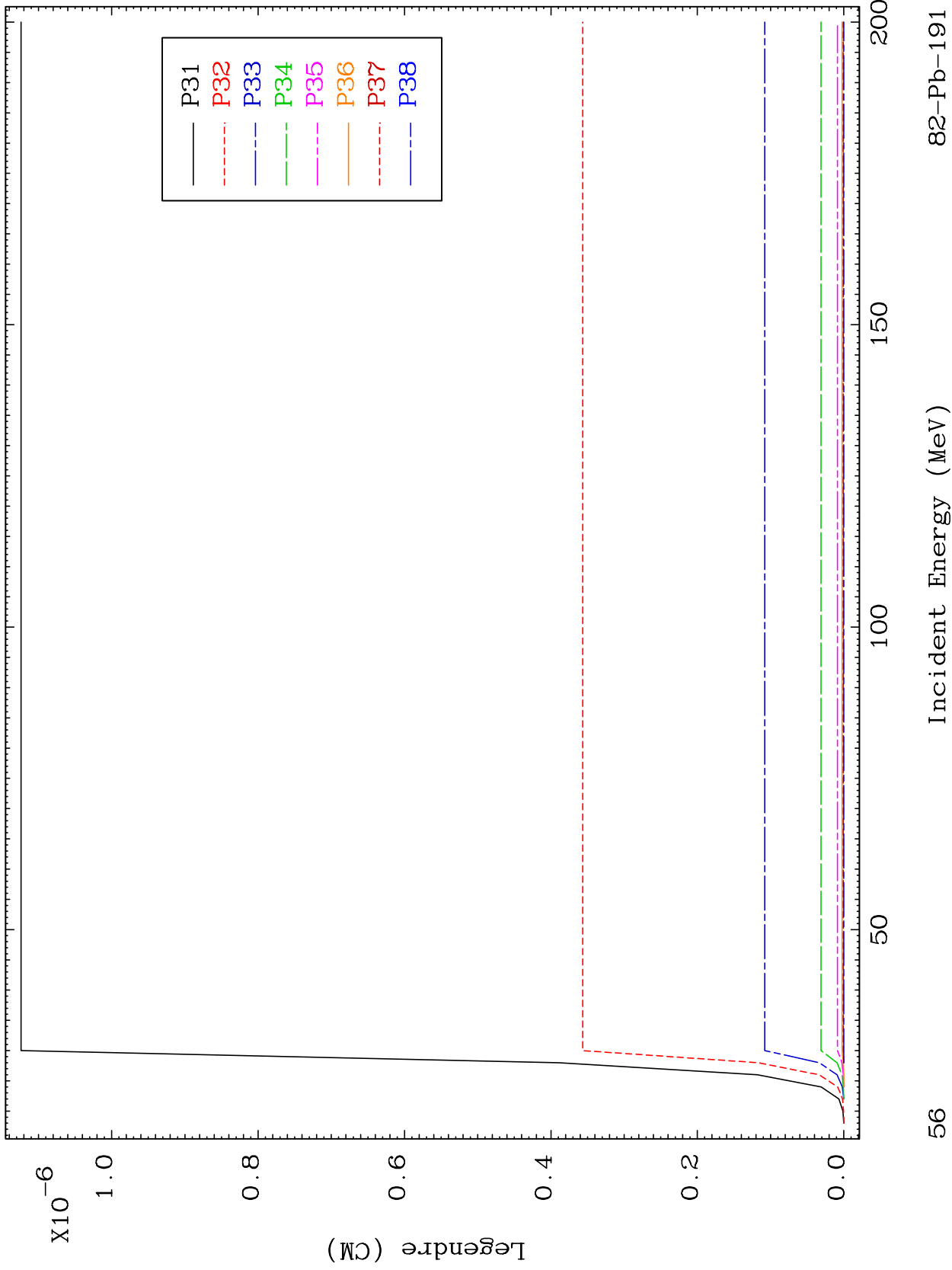




MAT 8186

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

82-Pb-191



56

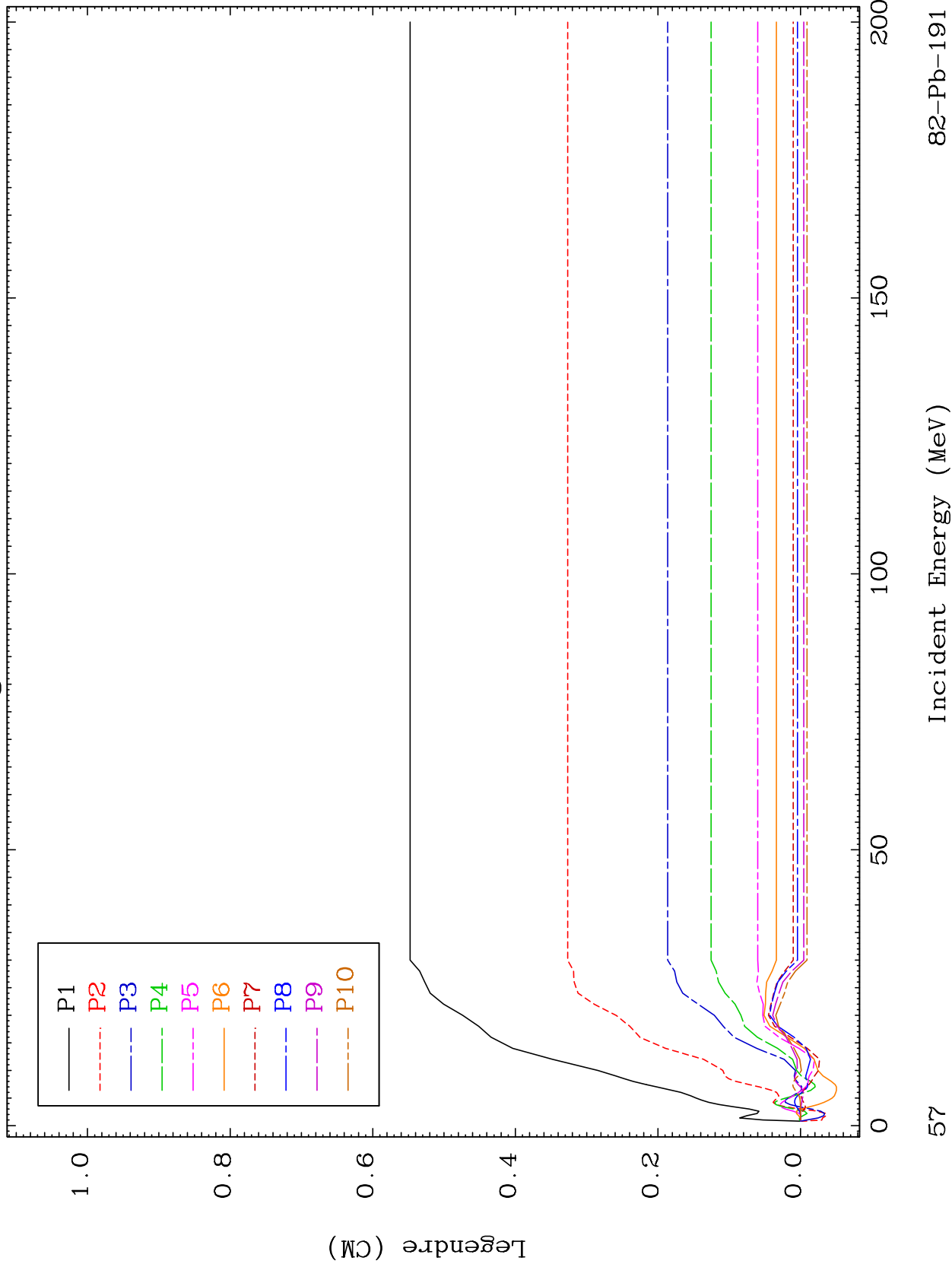
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

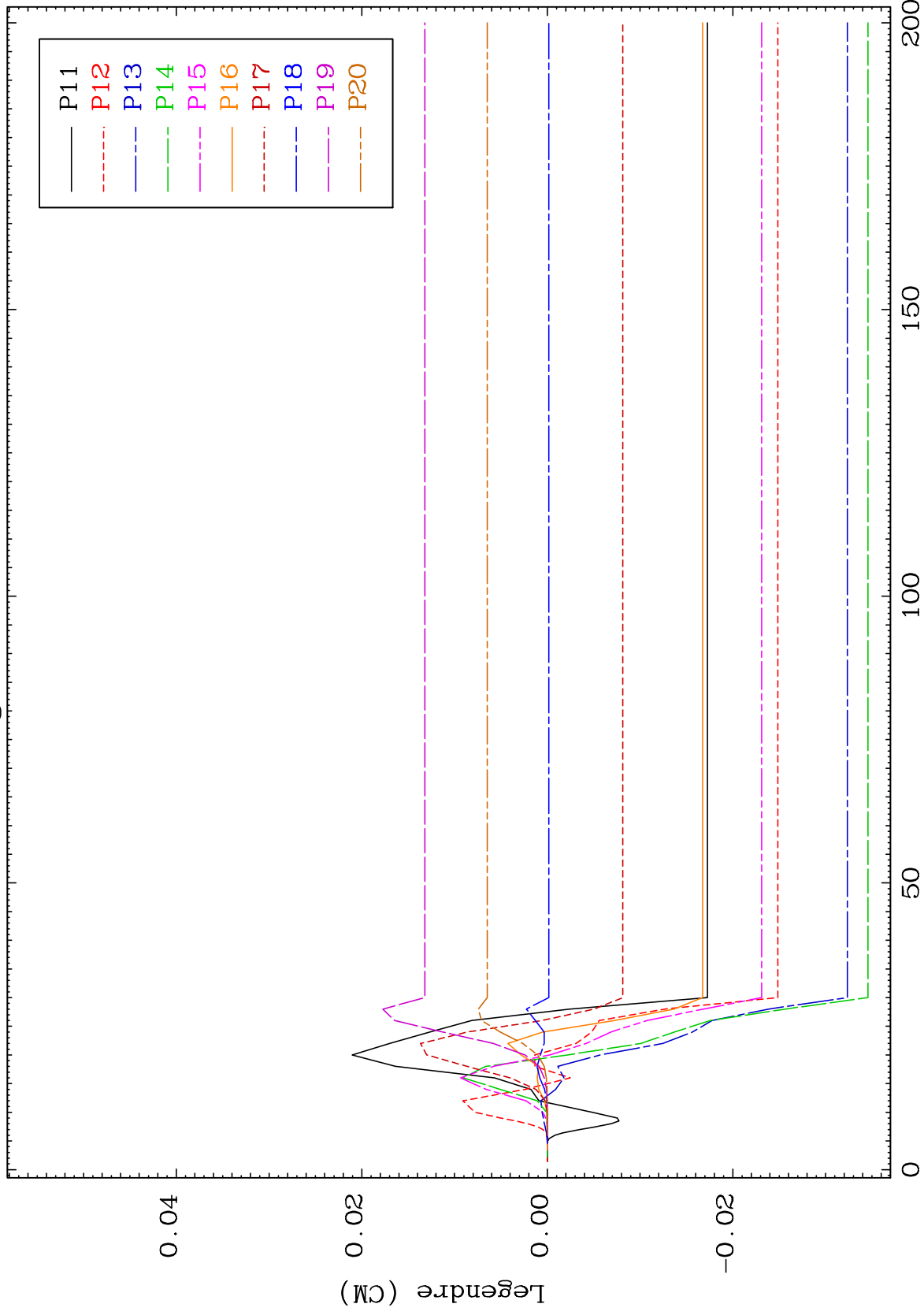
82-Pb-191



MAT 8186

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

82-Pb-191



58

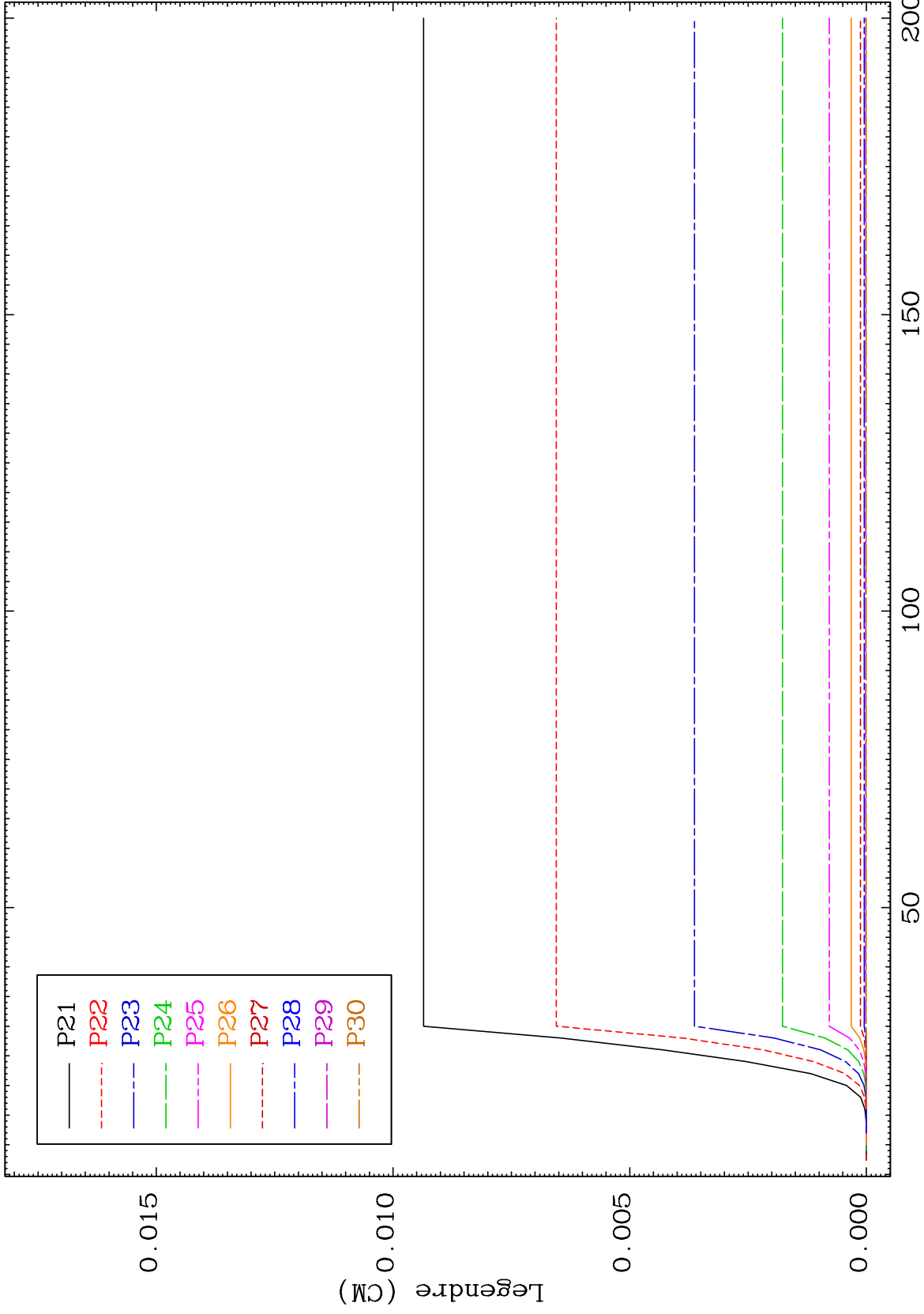
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

82-Pb-191



59

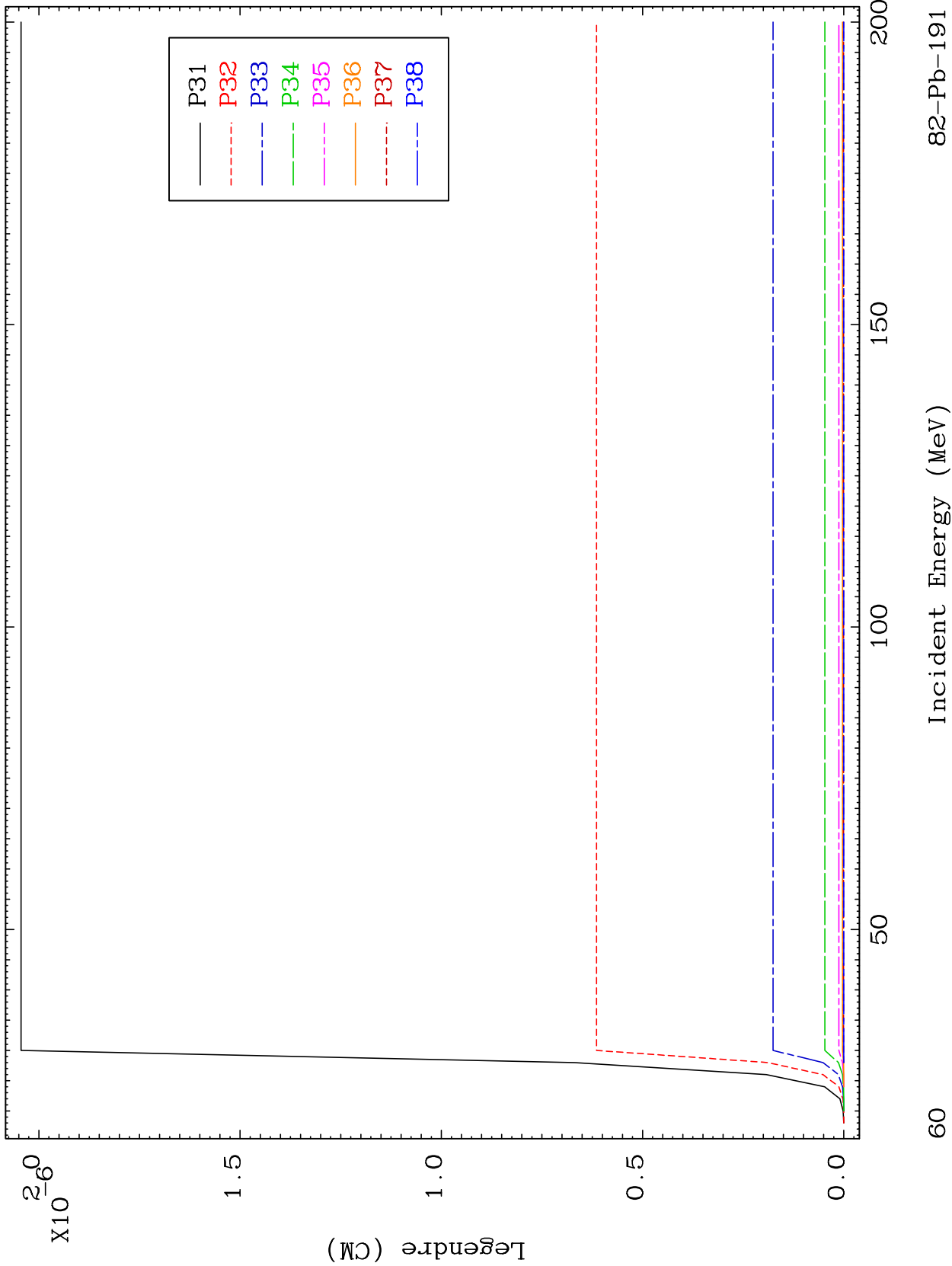
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

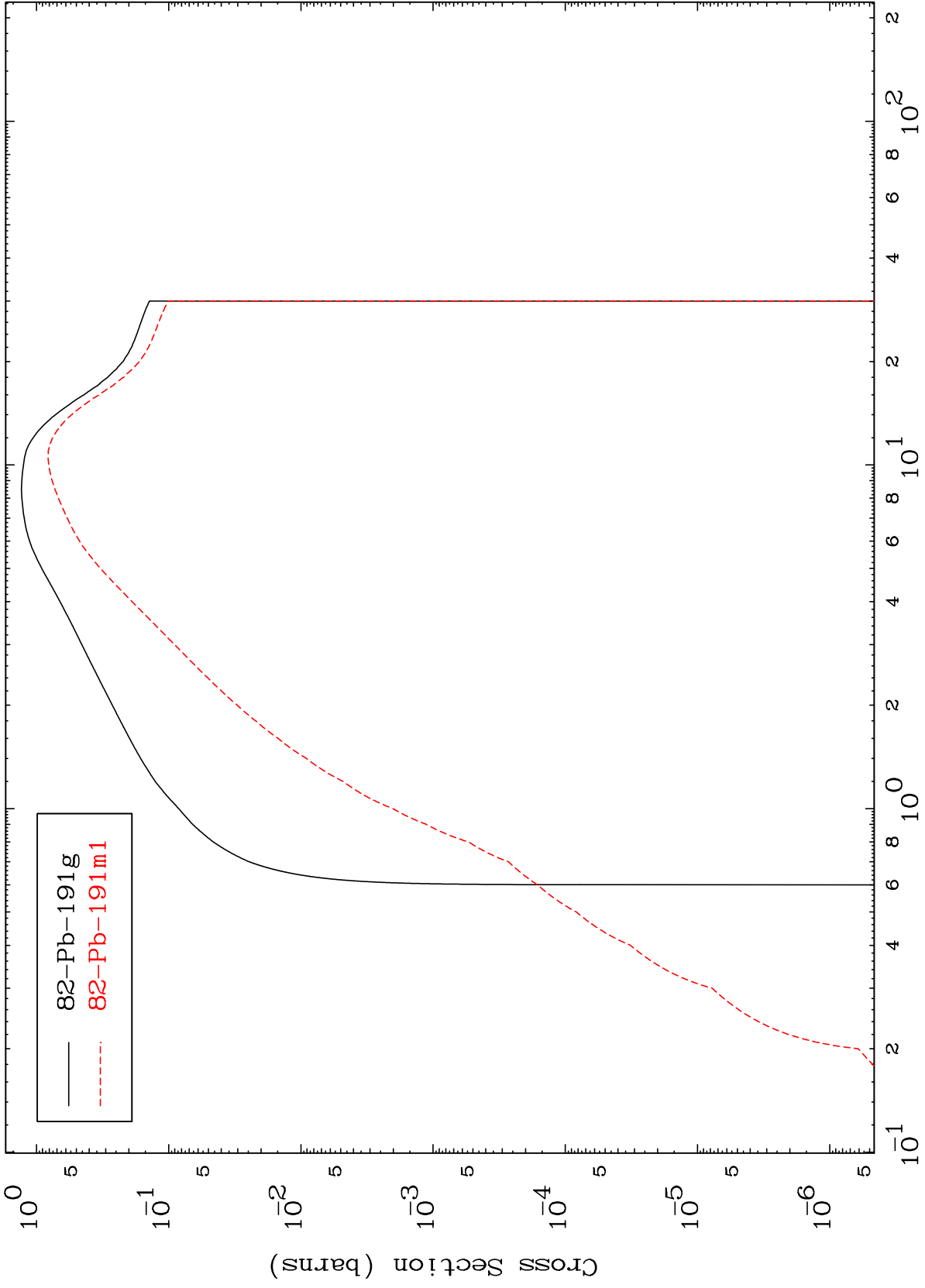
82-Pb-191



MAT 8186

82-Pb-191

Inelastic
Radionuclide Production Cross Section



82-Pb-191 g
82-Pb-191 m1

82-Pb-191

Incident Energy (MeV)

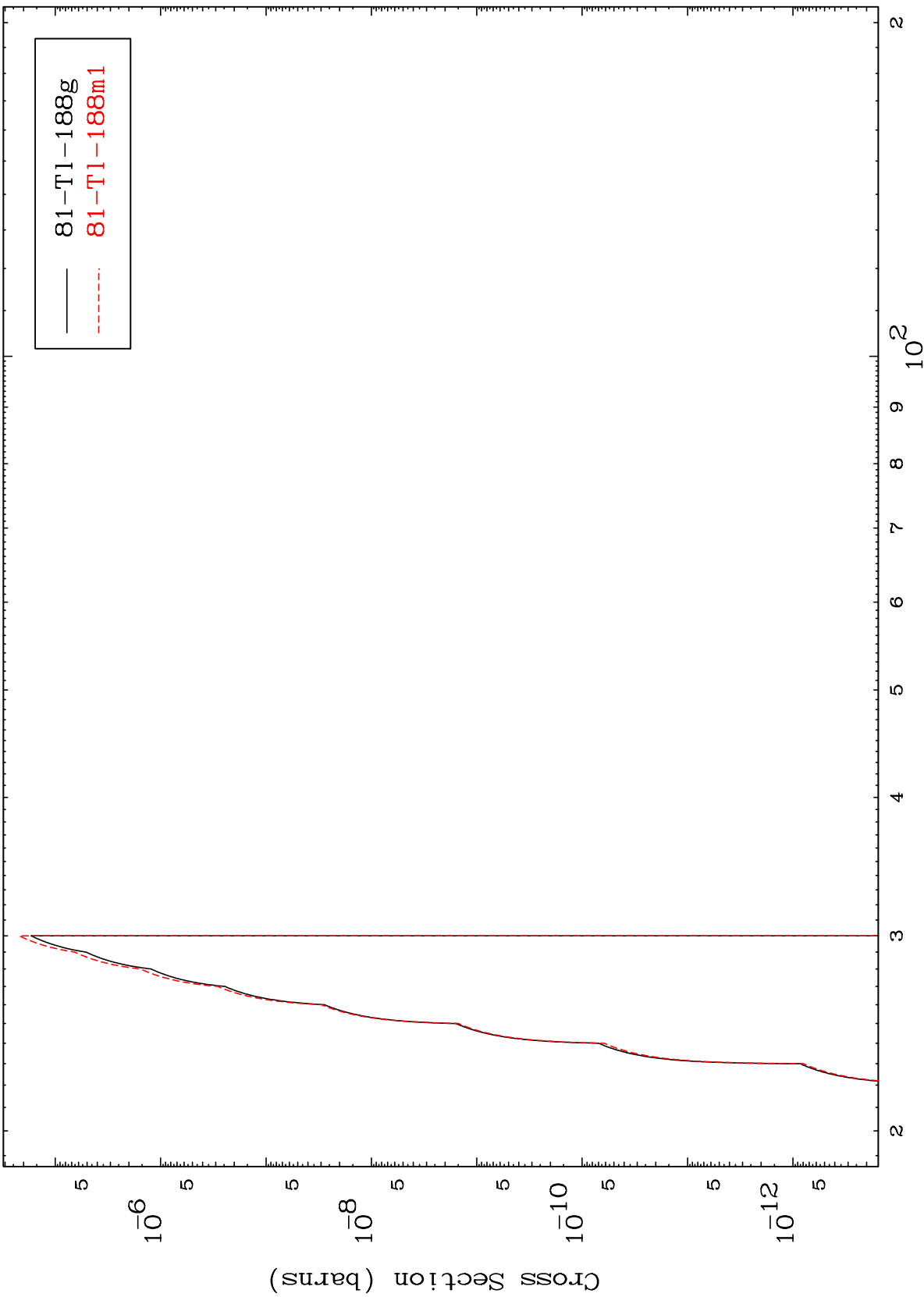
61

MAT 8186

(n,2n) d

82-Pb-191

Radionuclide Production Cross Section



62

Incident Energy (MeV)

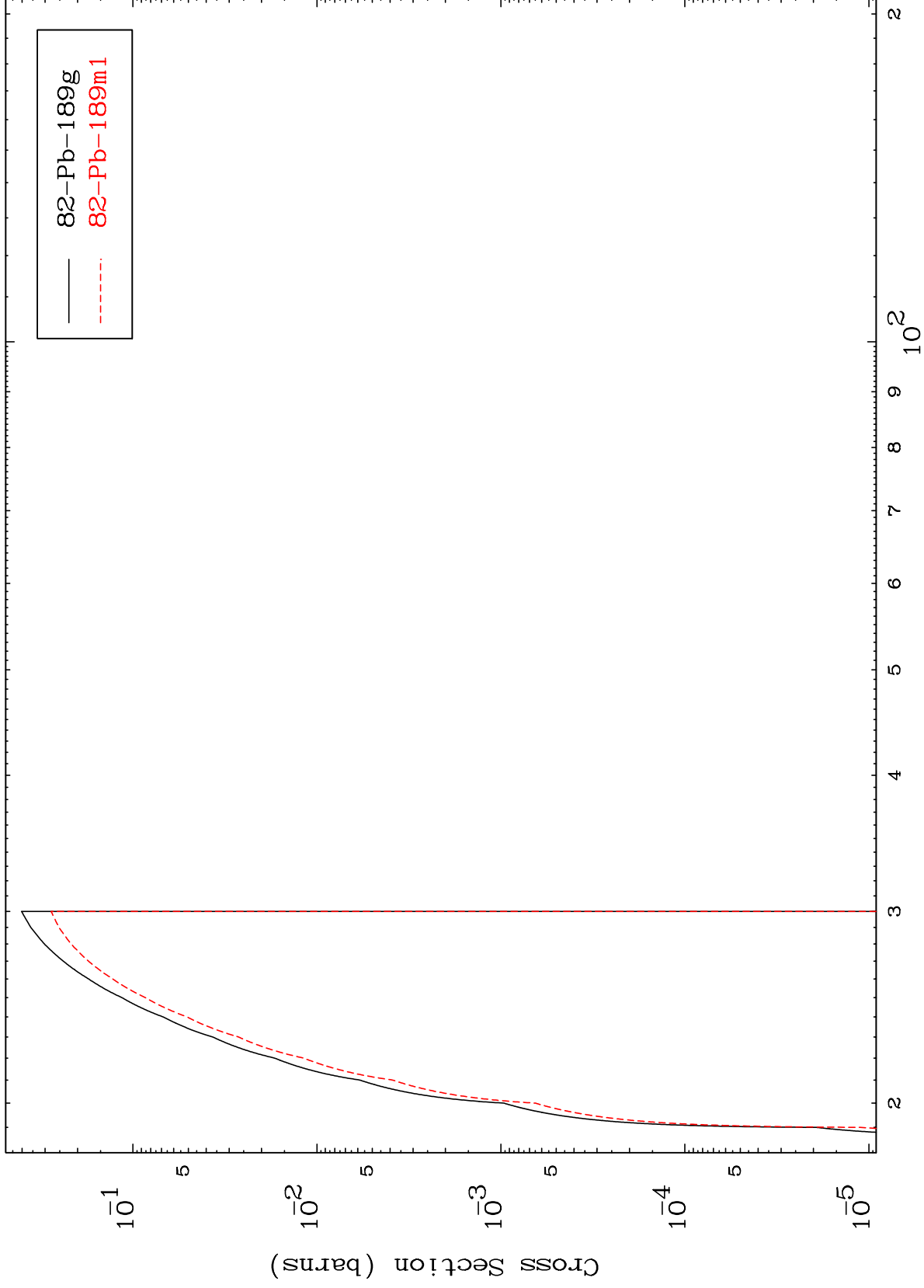
82-Pb-191

MAT 8186

(n,3n)

82-Pb-191

Radionuclide Production Cross Section



63

Incident Energy (MeV)

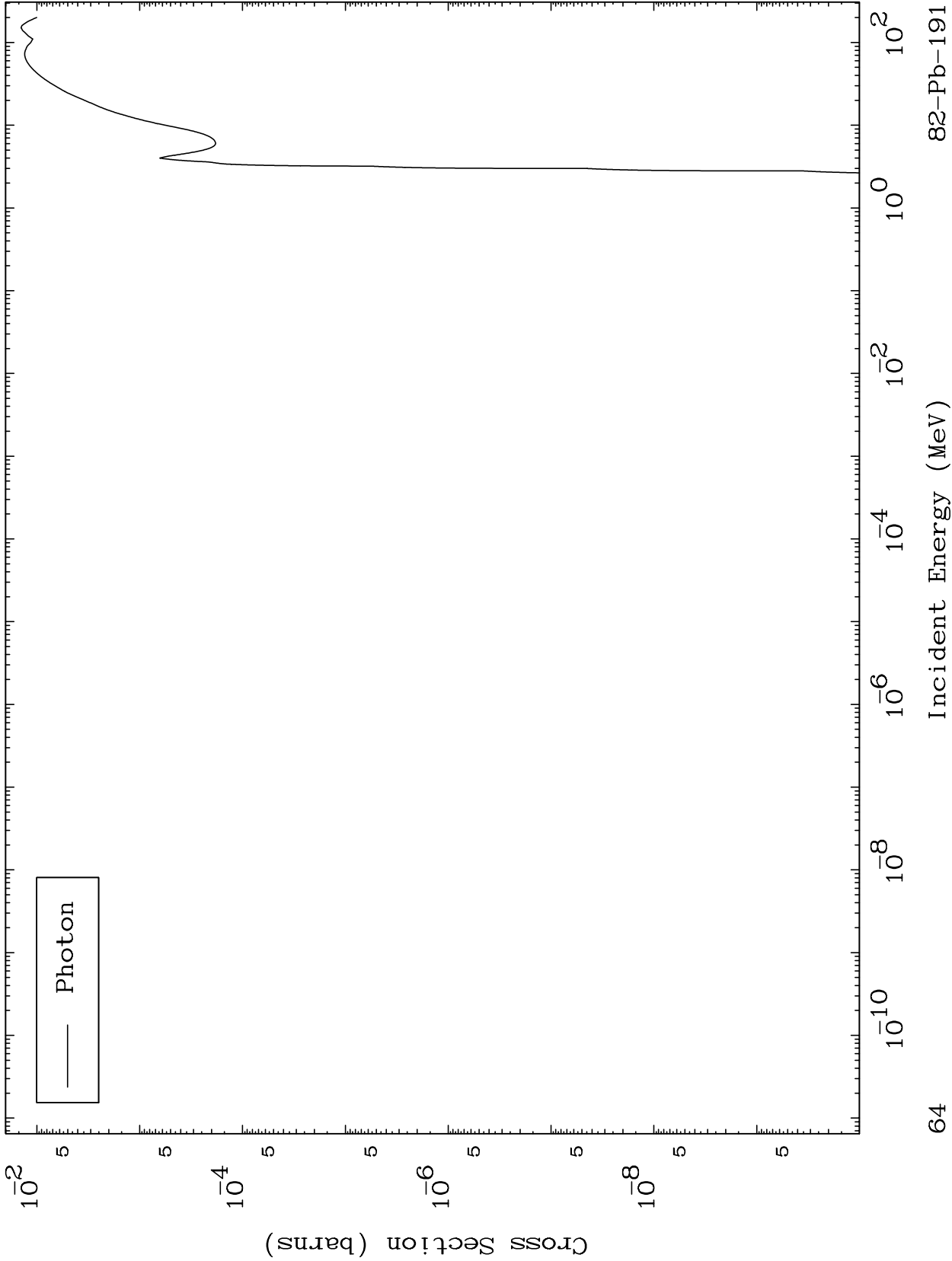
82-Pb-191

MAT 8186

Fission

82-Pb-191

Radionuclide Production Cross Section



64

Incident Energy (MeV)

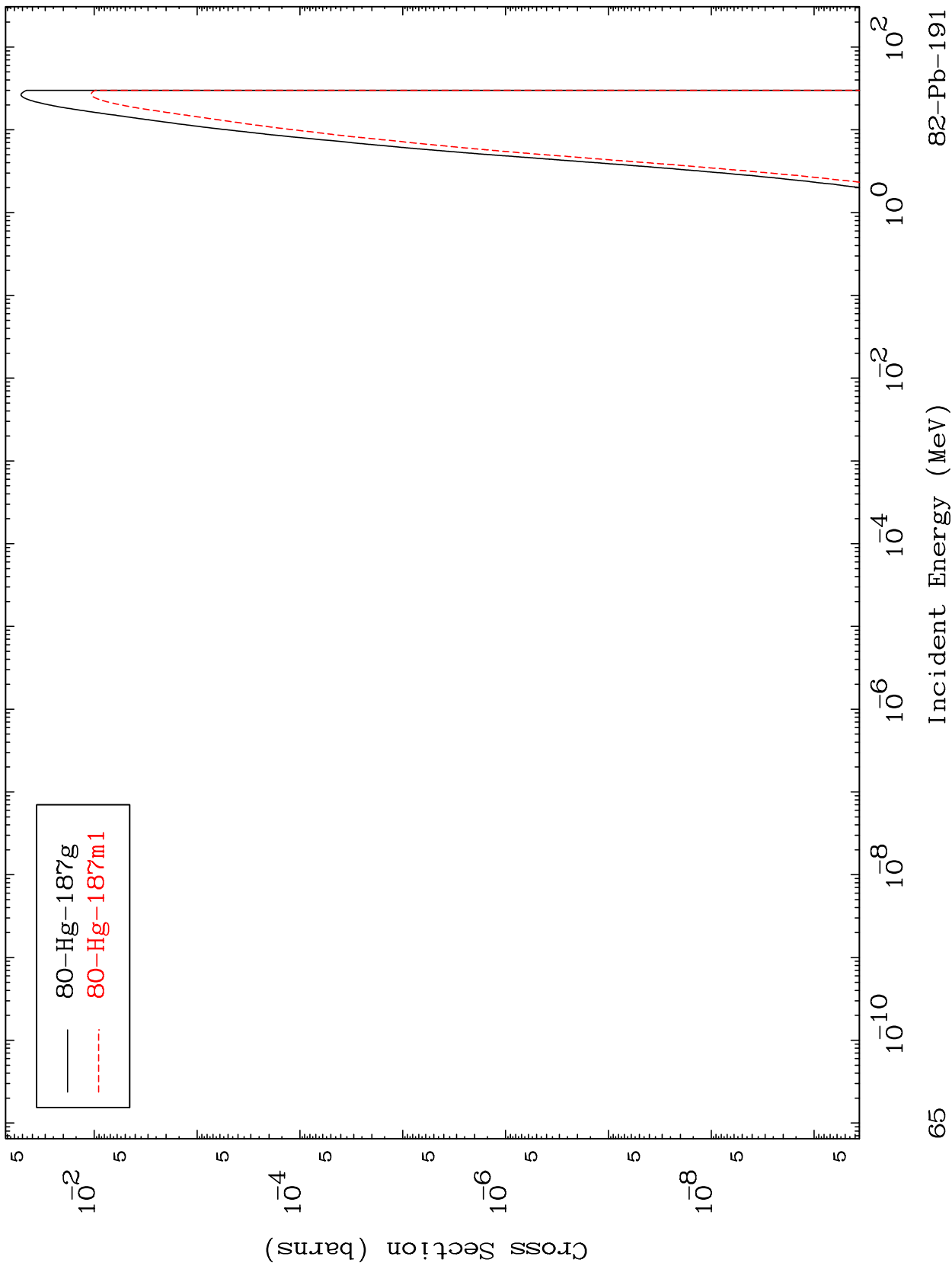
82-Pb-191

MAT 8186

(n, n') α

82-Pb-191

Radionuclide Production Cross Section



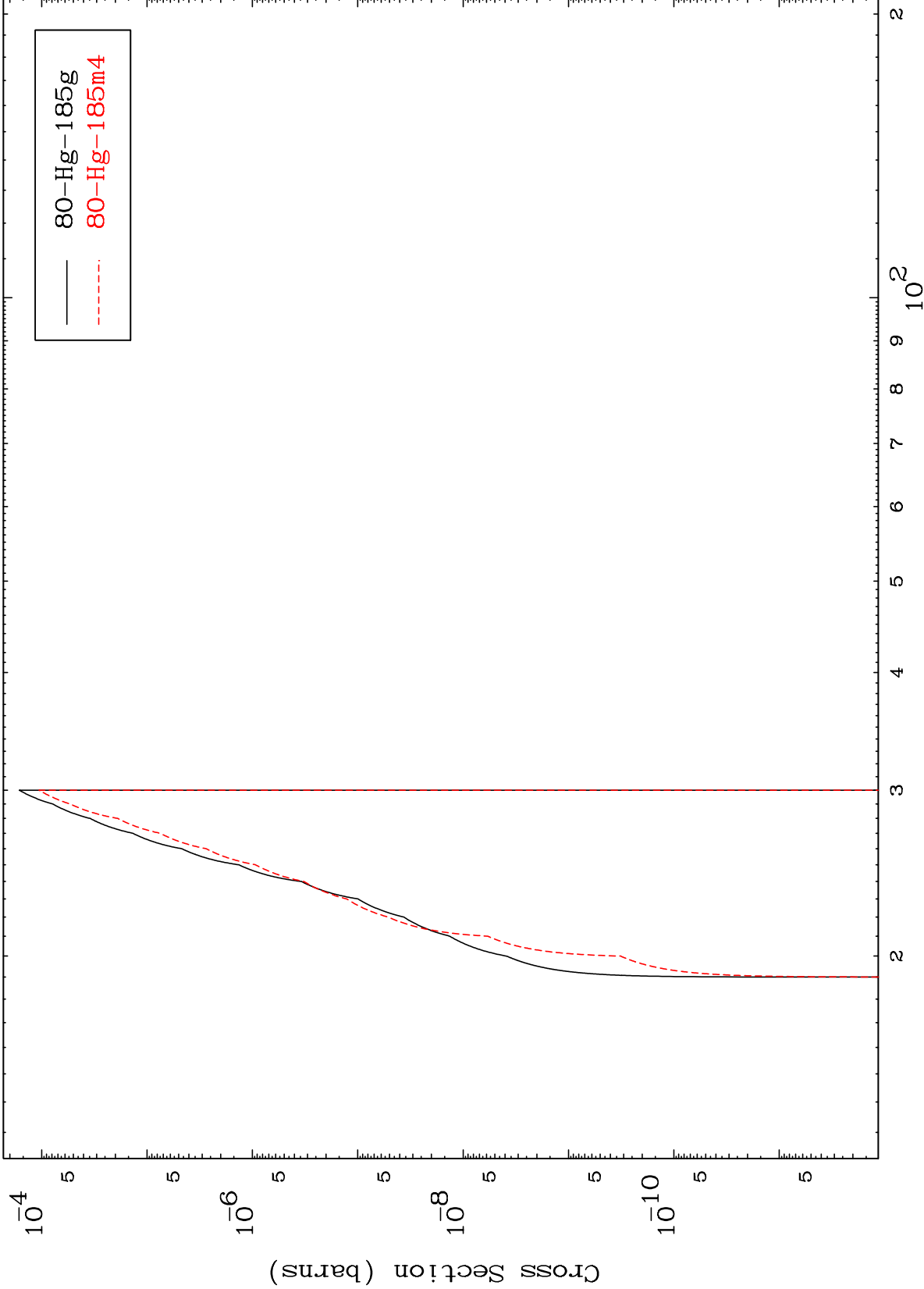
80-Hg-187g
80-Hg-187m1

65

Incident Energy (MeV)

82-Pb-191

Radionuclide Production Cross Section

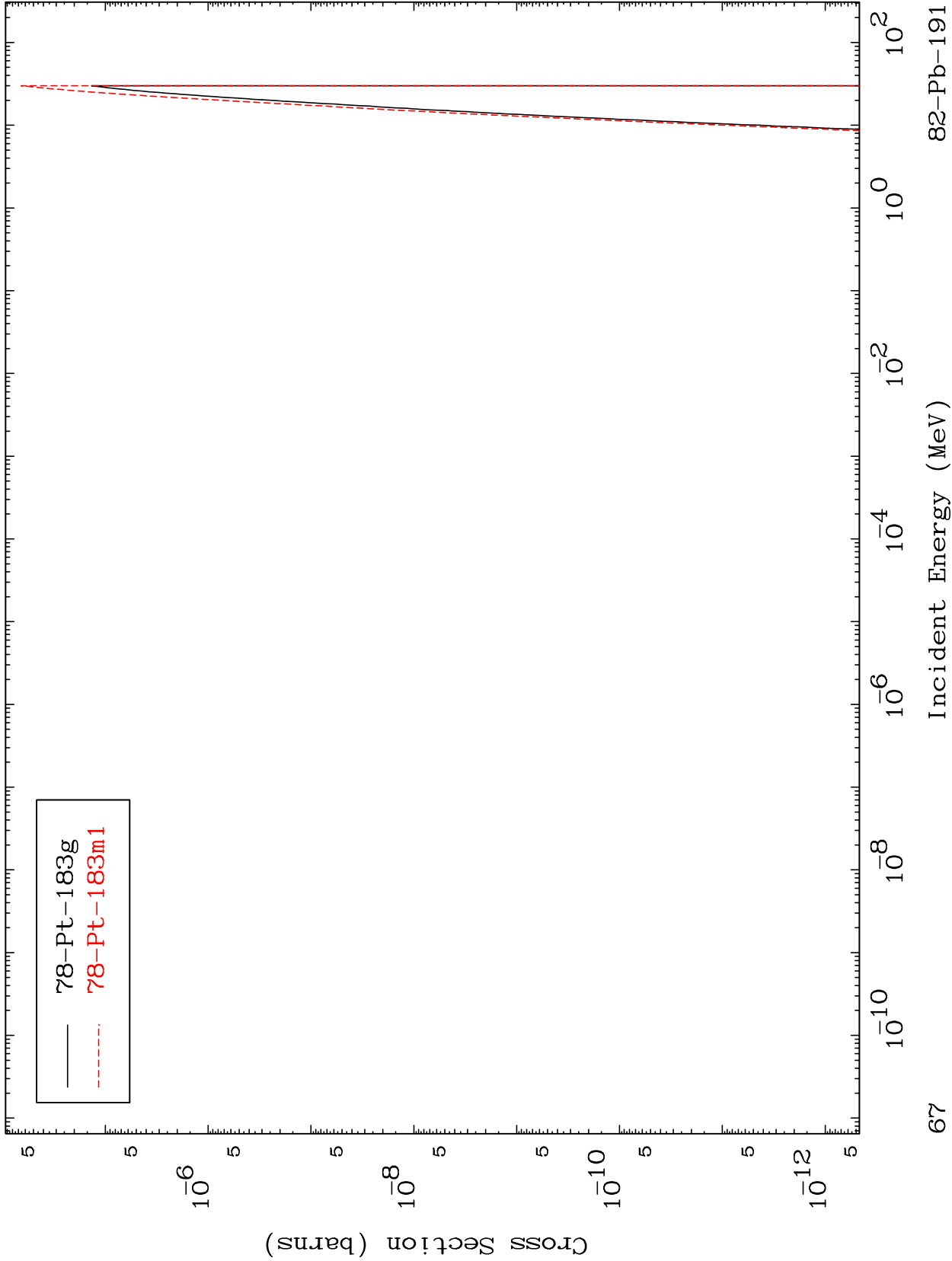


MAT 8186

(n,n') 2 α

82-Pb-191

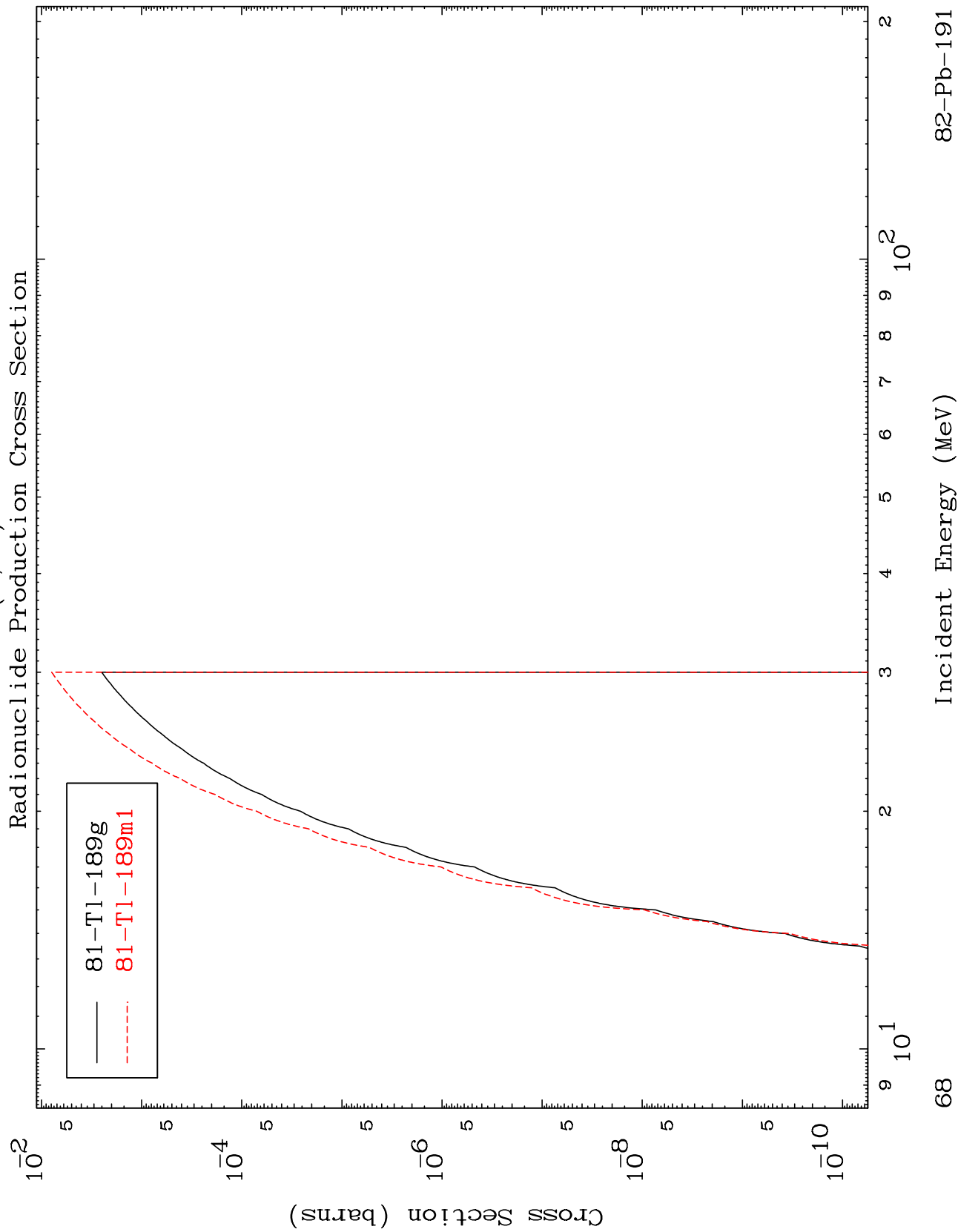
Radionuclide Production Cross Section



MAT 8186

(n,n') d

82-Pb-191



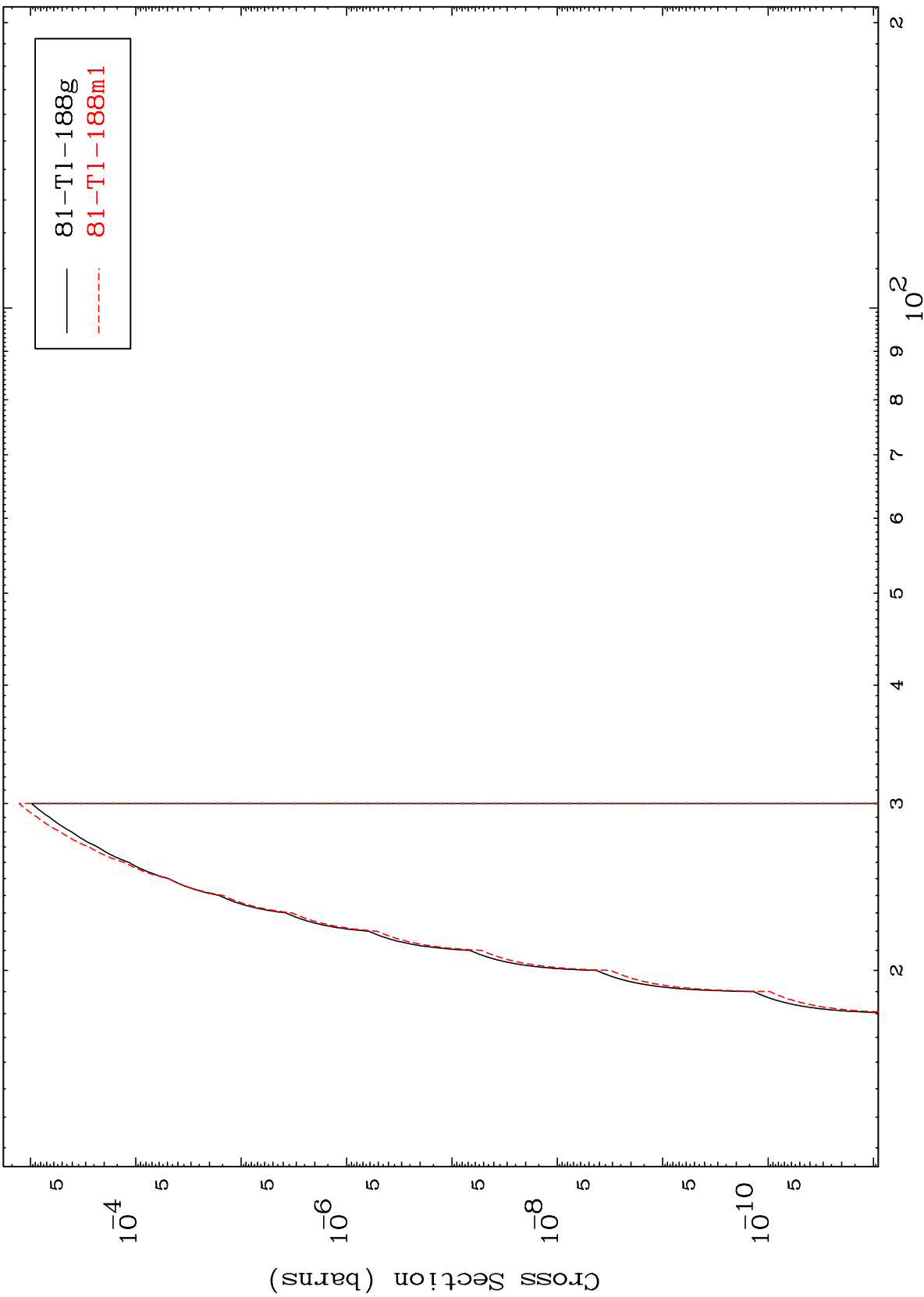
68

MAT 8186

(n,n') t

82-Pb-191

Radionuclide Production Cross Section



69

Incident Energy (MeV)

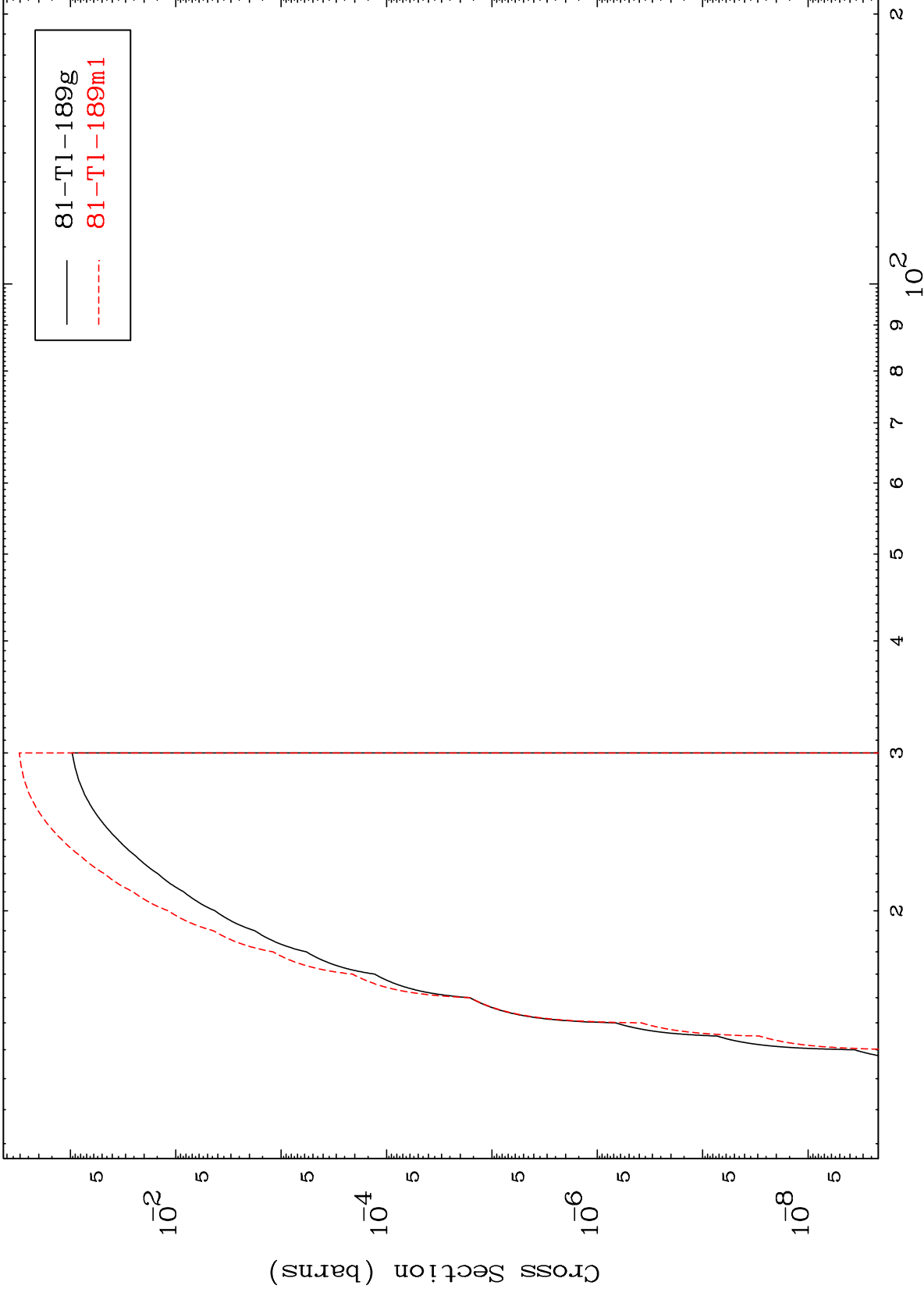
82-Pb-191

MAT 8186

(n,2n) p

82-Pb-191

Radionuclide Production Cross Section



70

Incident Energy (MeV)

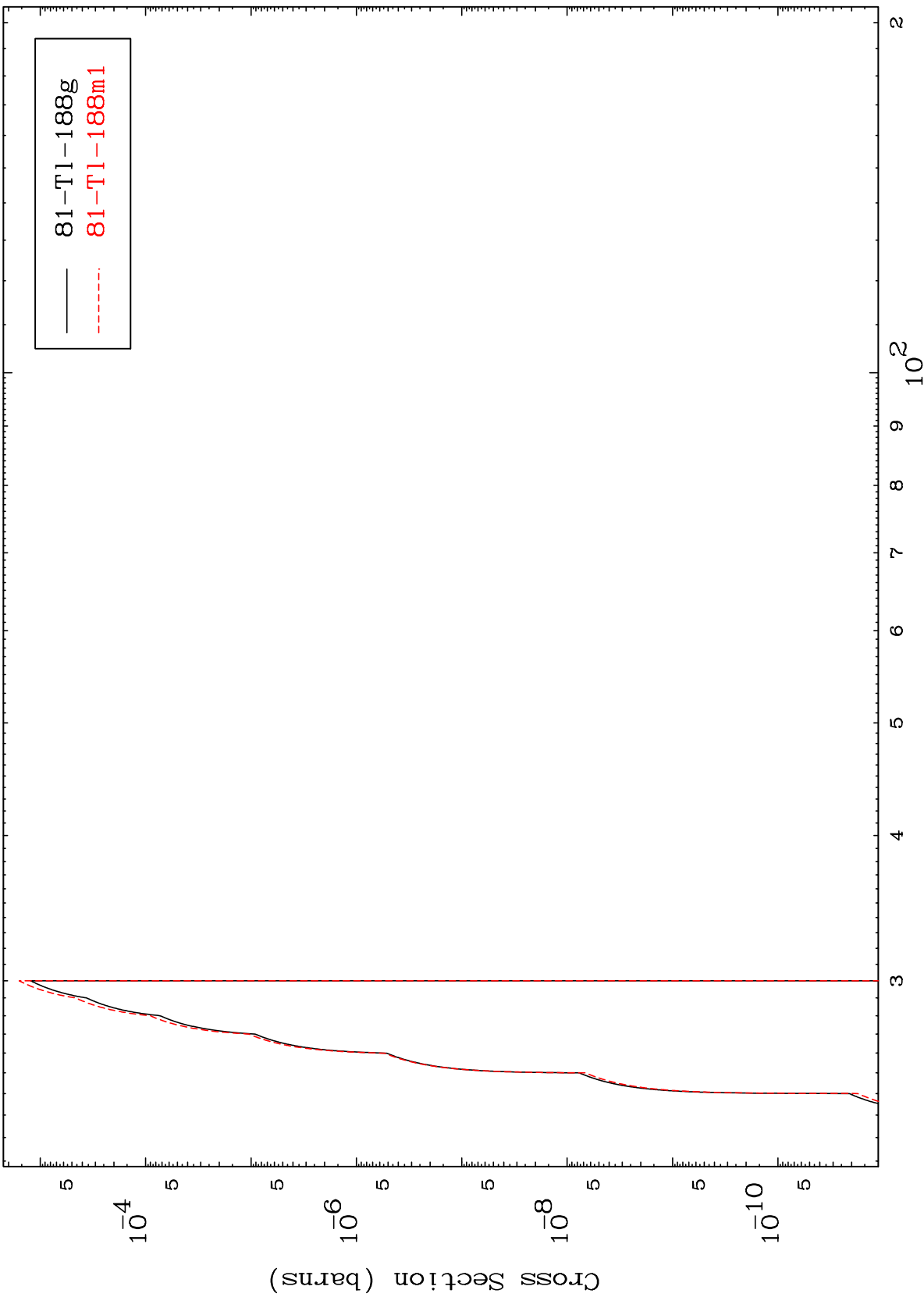
82-Pb-191

MAT 8186

(n,3n) p

82-Pb-191

Radionuclide Production Cross Section



71

Incident Energy (MeV)

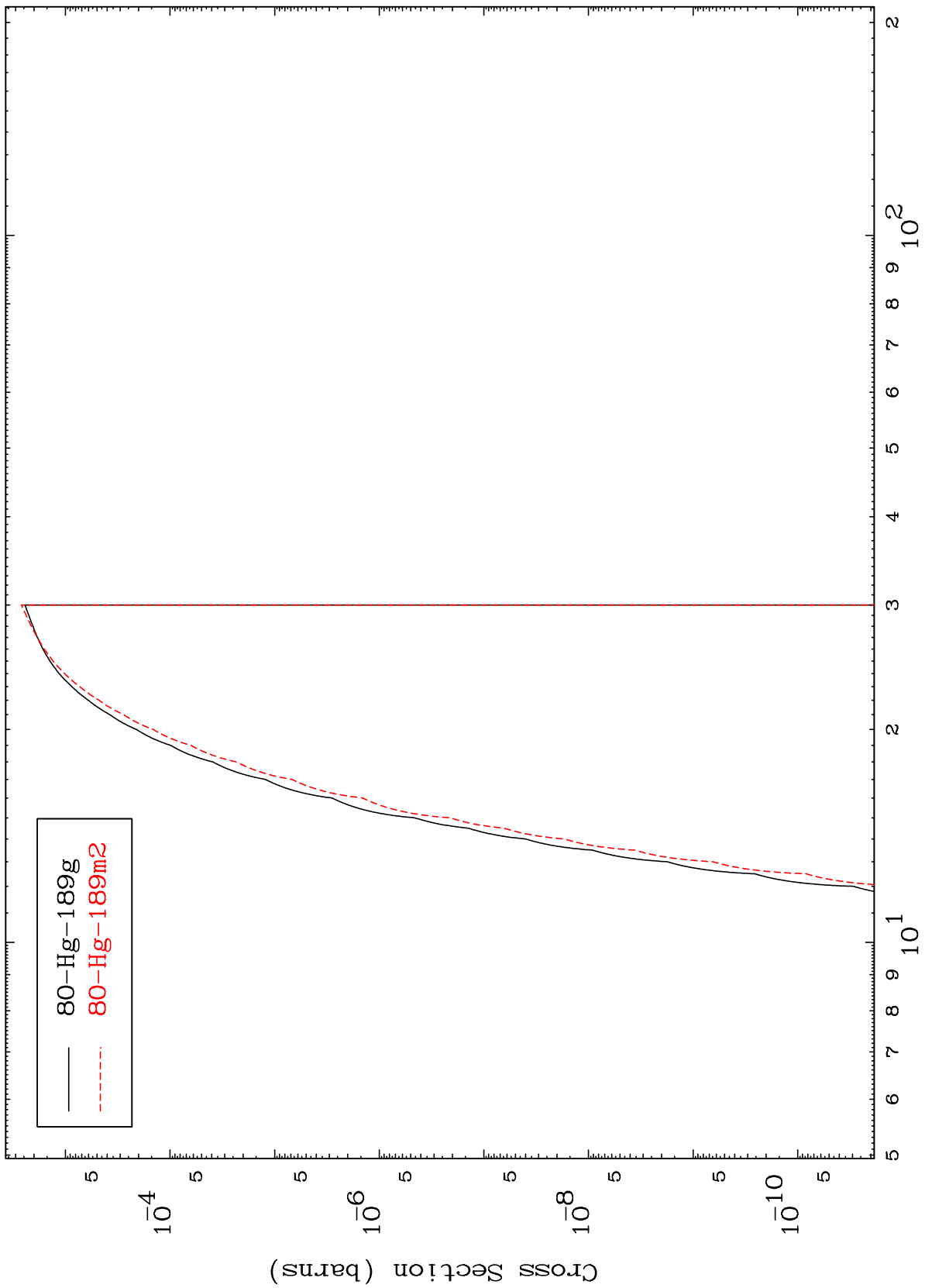
82-Pb-191

MAT 8186

(n,2n) p

82-Pb-191

Radionuclide Production Cross Section



80-Hg-189g
80-Hg-189m2

72

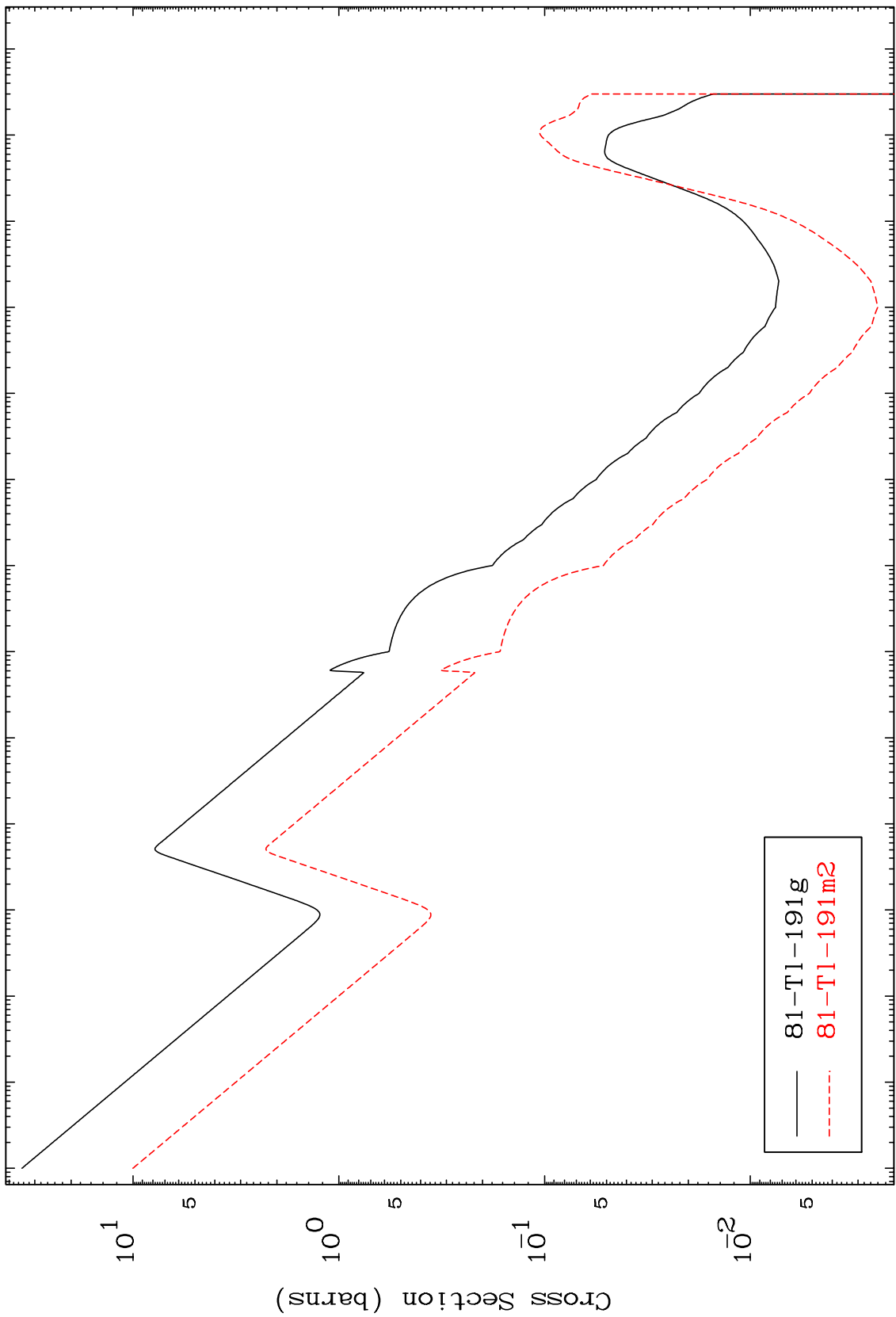
Incident Energy (MeV)

82-Pb-191

MAT 8186

82-Pb-191

(n,p)
Radionuclide Production Cross Section



82-Pb-191

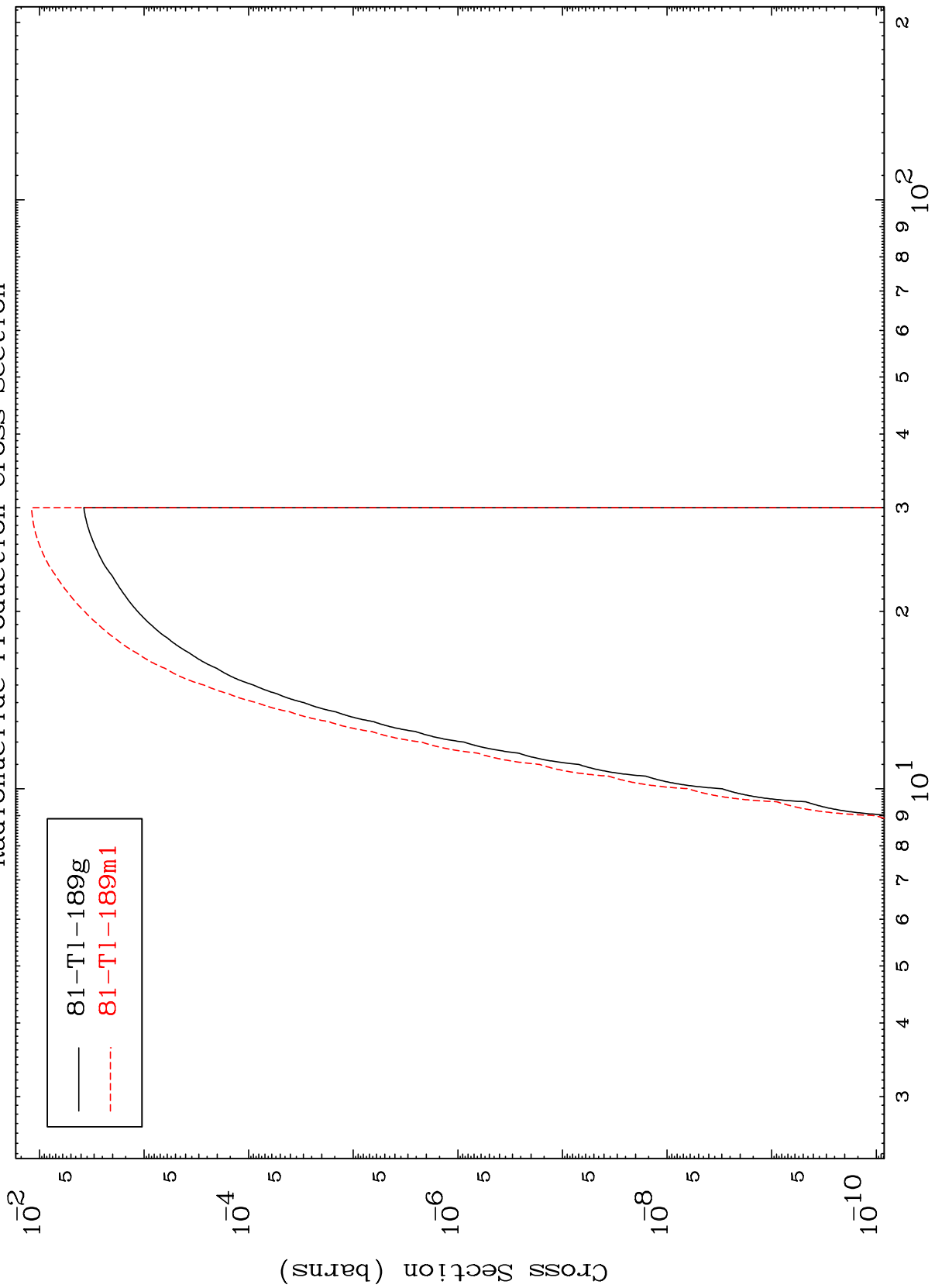
Incident Energy (MeV)

81-Tl-191g
81-Tl-191m2

MAT 8186

82-Pb-191

(n, t)
Radionuclide Production Cross Section



— 81-Tl-189g
- - - 81-Tl-189m1

74

Incident Energy (MeV)

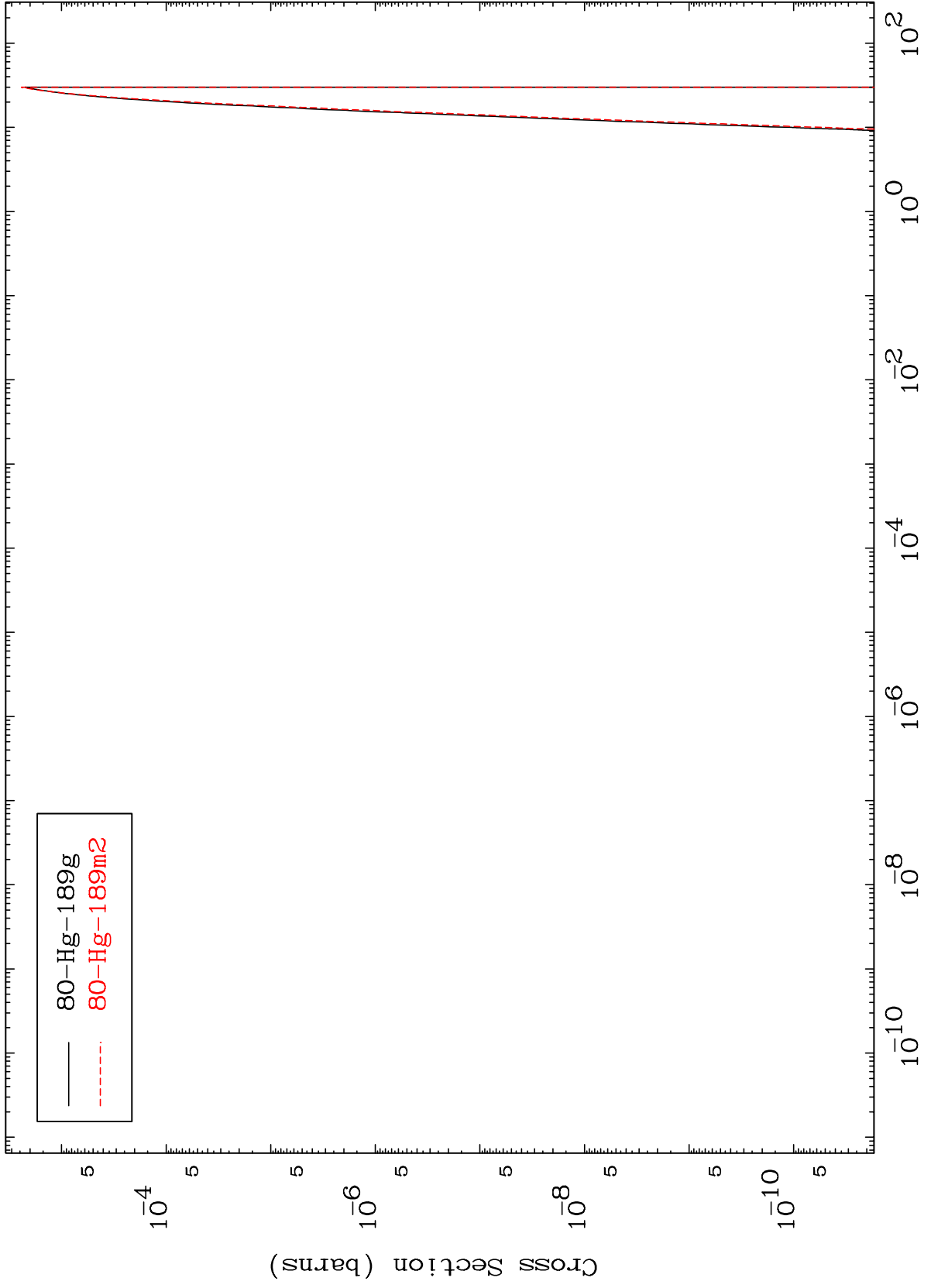
82-Pb-191

MAT 8186

(n,He-3)

82-Pb-191

Radionuclide Production Cross Section



80-Hg-189g
80-Hg-189m2

75

Incident Energy (MeV)

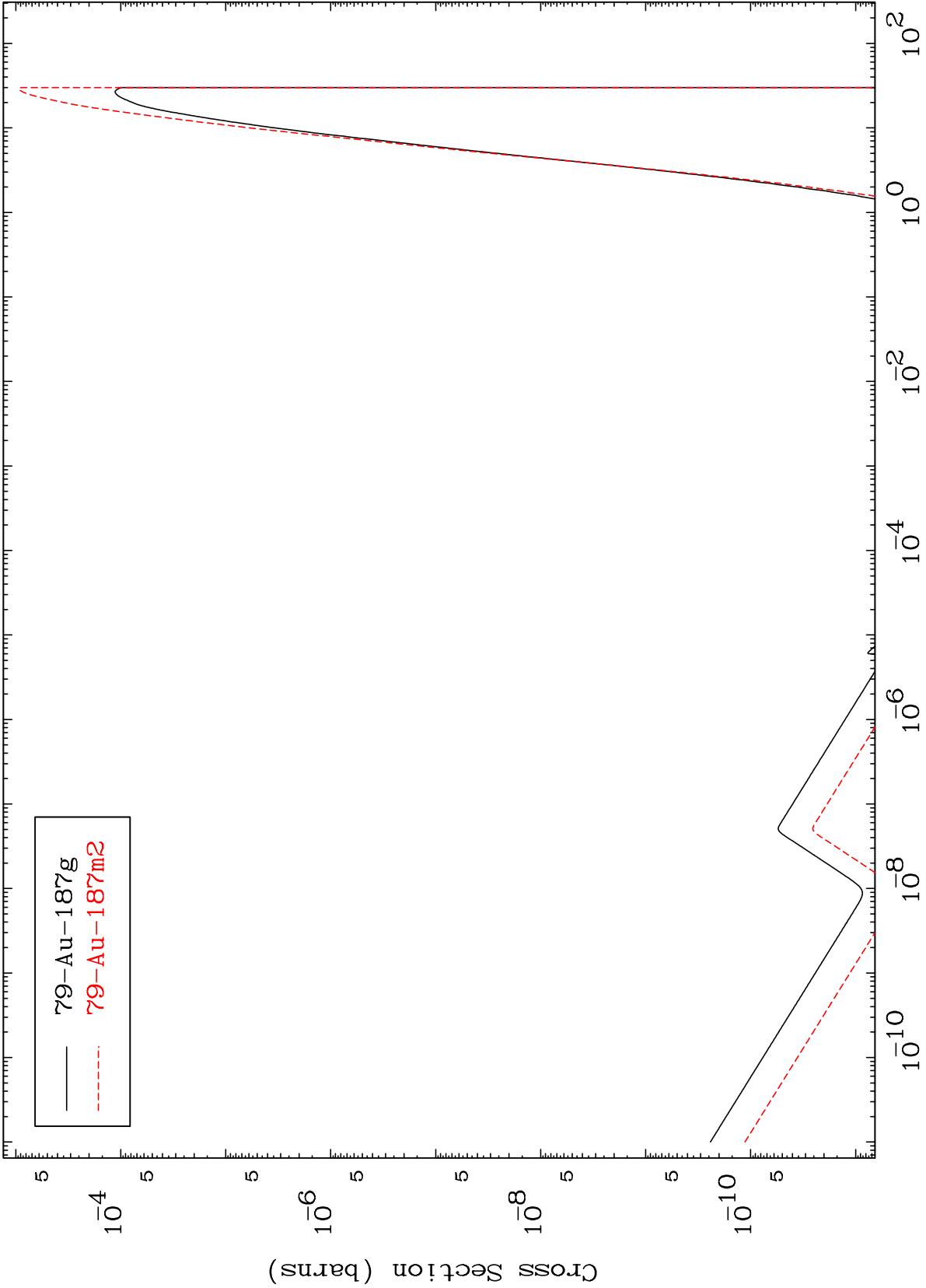
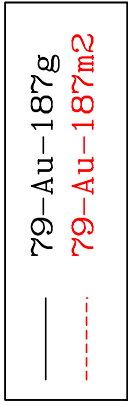
82-Pb-191

MAT 8186

(n,p) α

82-Pb-191

Radionuclide Production Cross Section



76

Incident Energy (MeV)

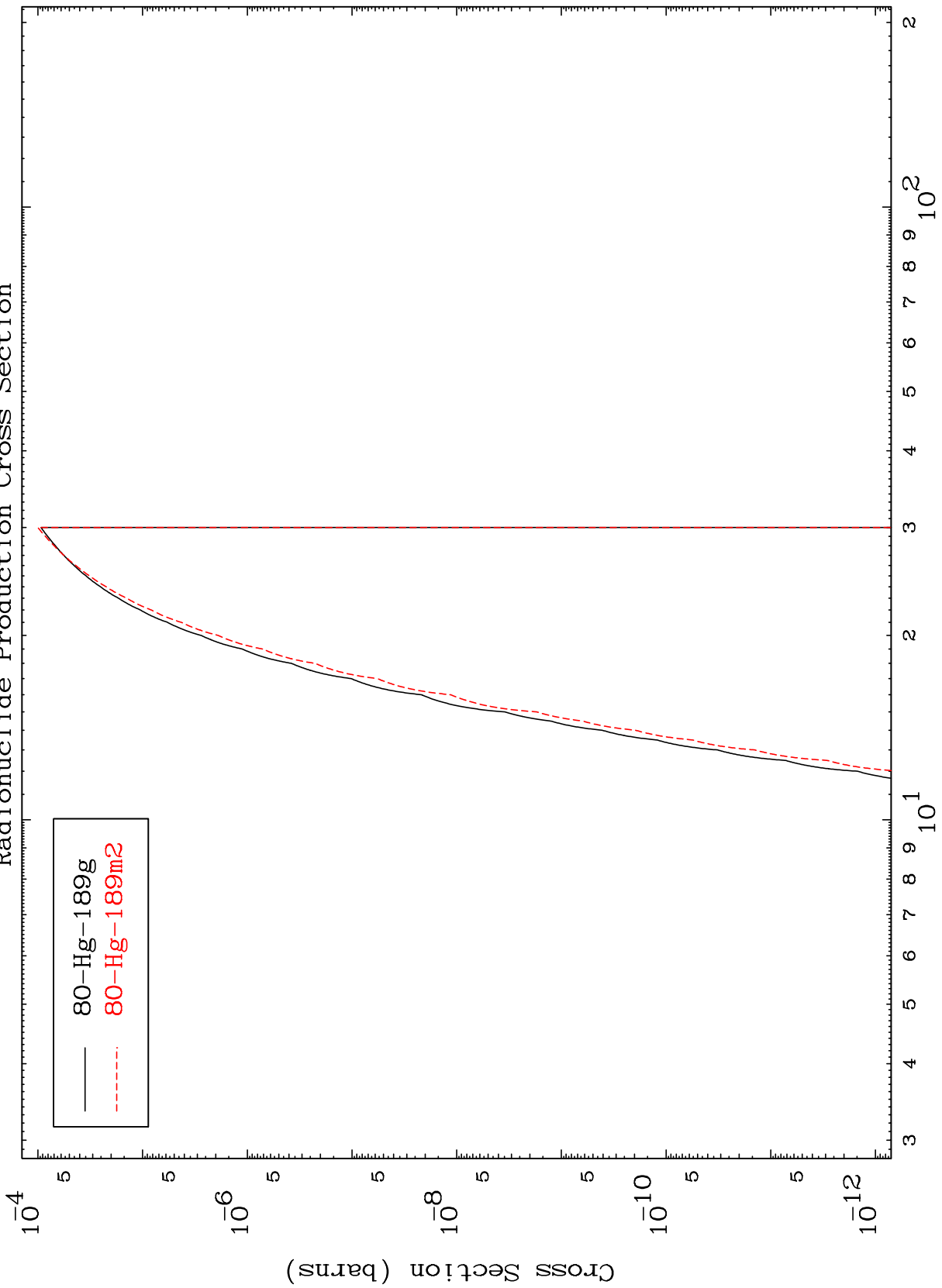
82-Pb-191

MAT 8186

(n,p) d

82-Pb-191

Radionuclide Production Cross Section



80-Hg-189g
80-Hg-189m2

Incident Energy (MeV)

82-Pb-191

77