

Program EVALPLOT  
(Version 2018-1)

by

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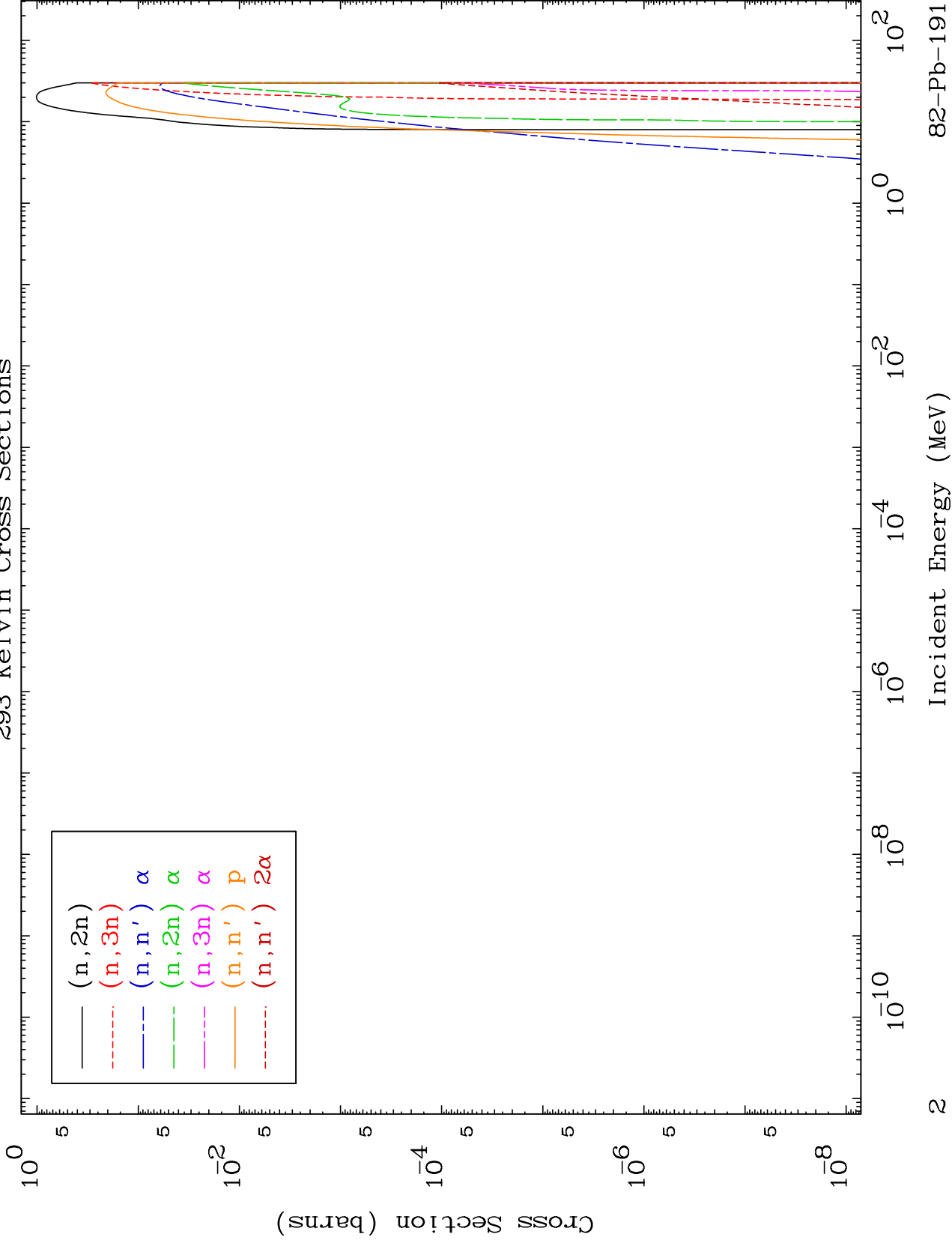
Press Mouse Button to Start



MAT 8186

Neutron Production  
293 Kelvin Cross Sections

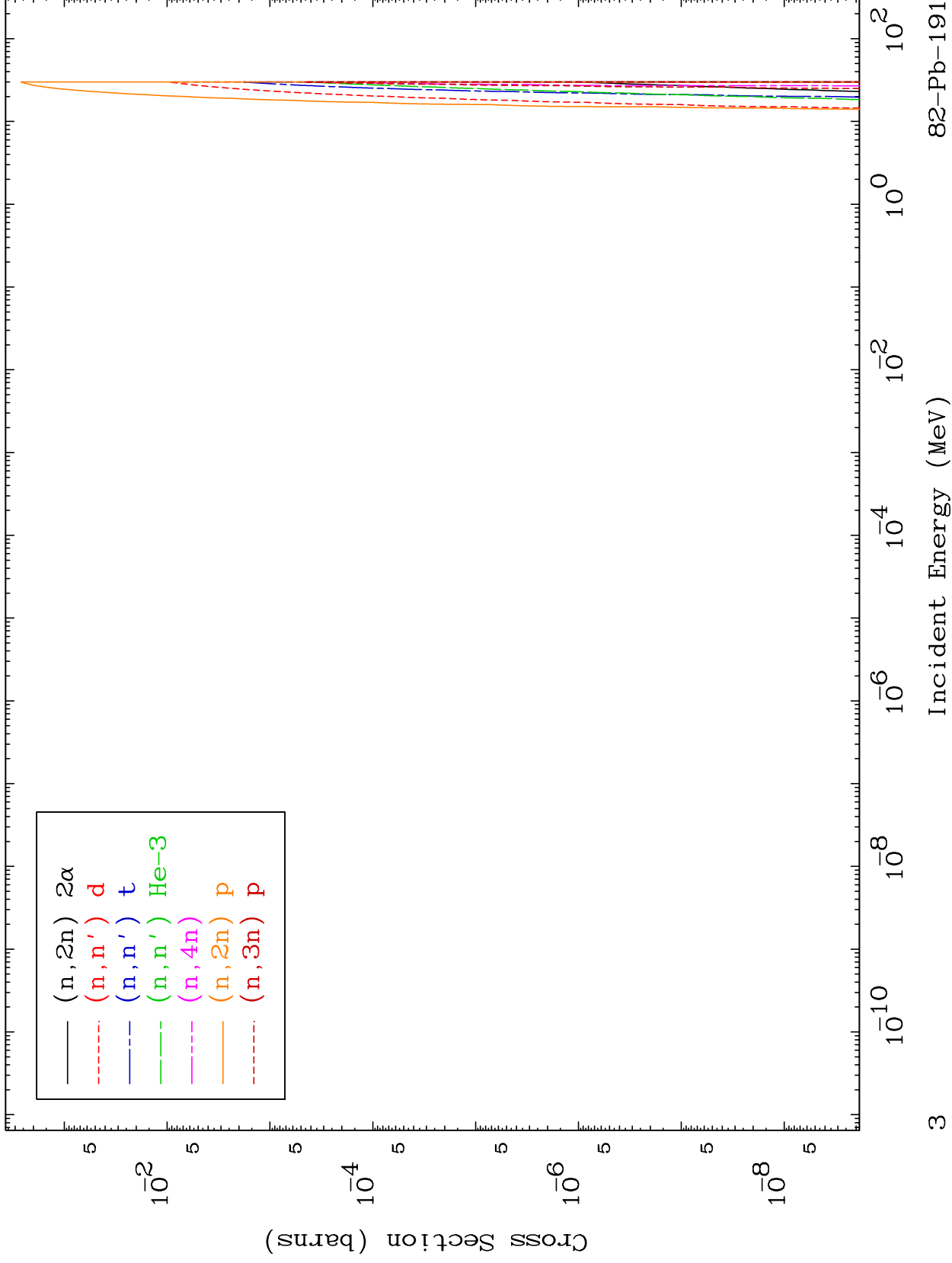
82-Pb-191



MAT 8186

Neutron Production  
293 Kelvin Cross Sections

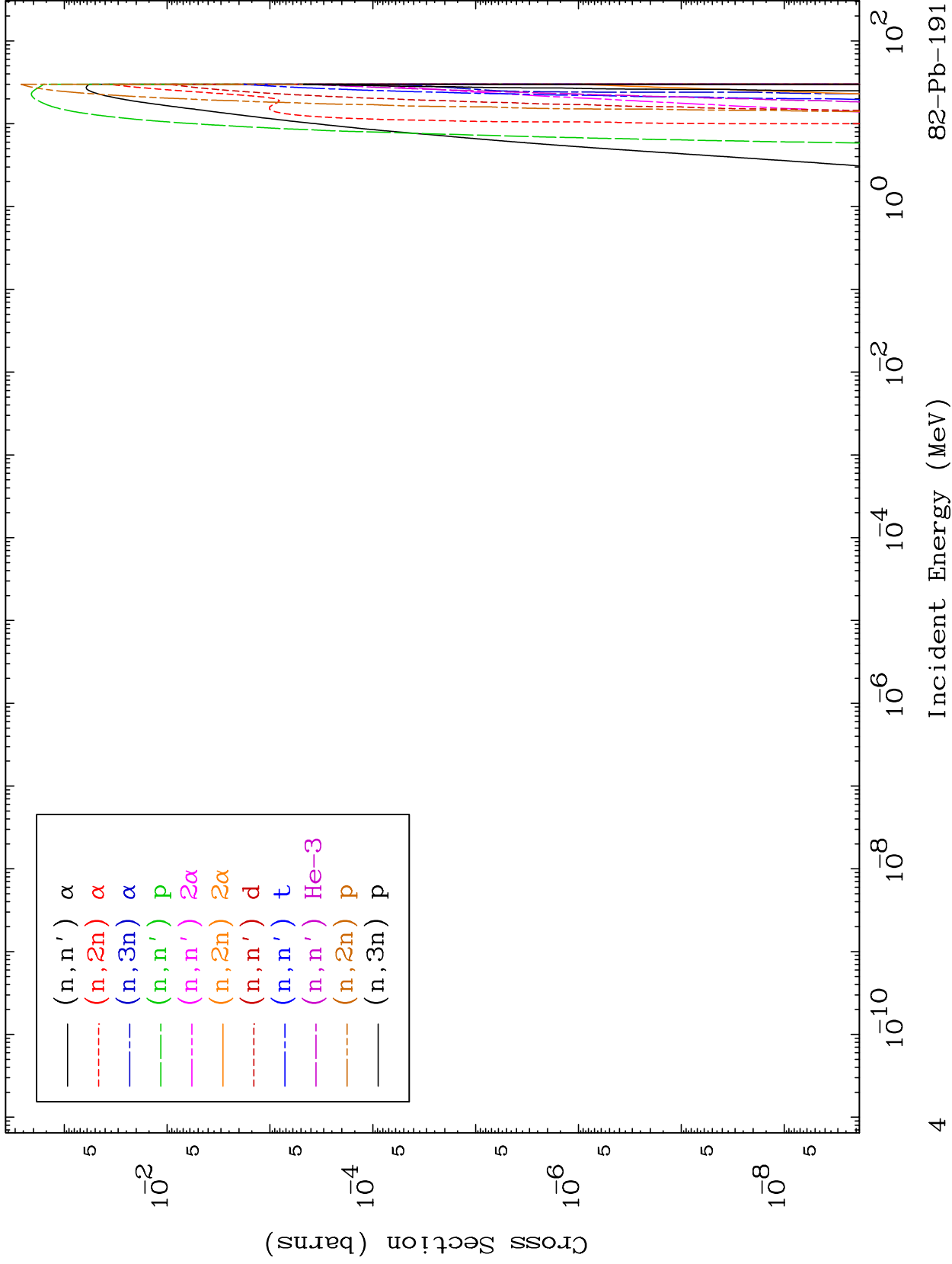
82-Pb-191

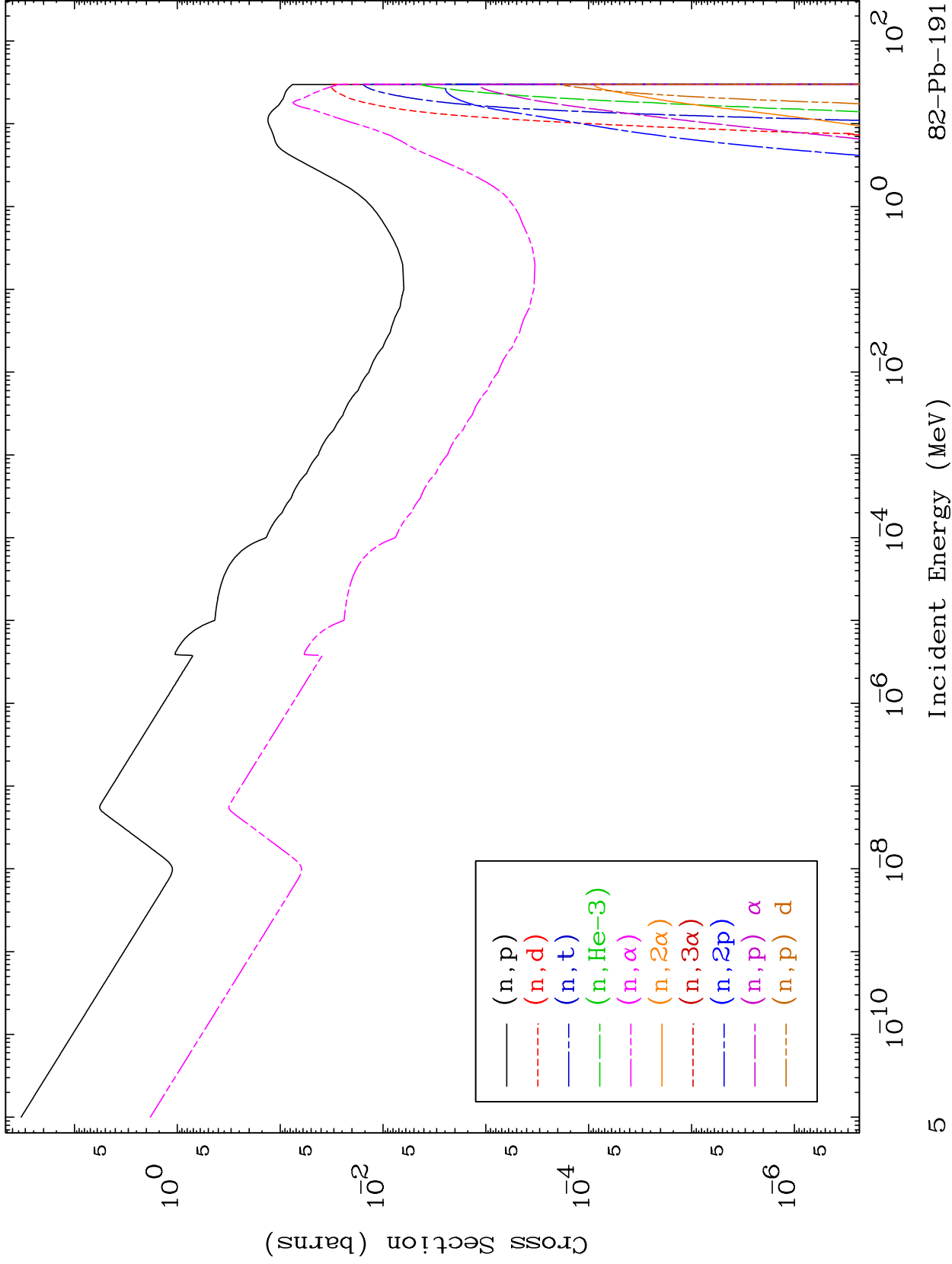


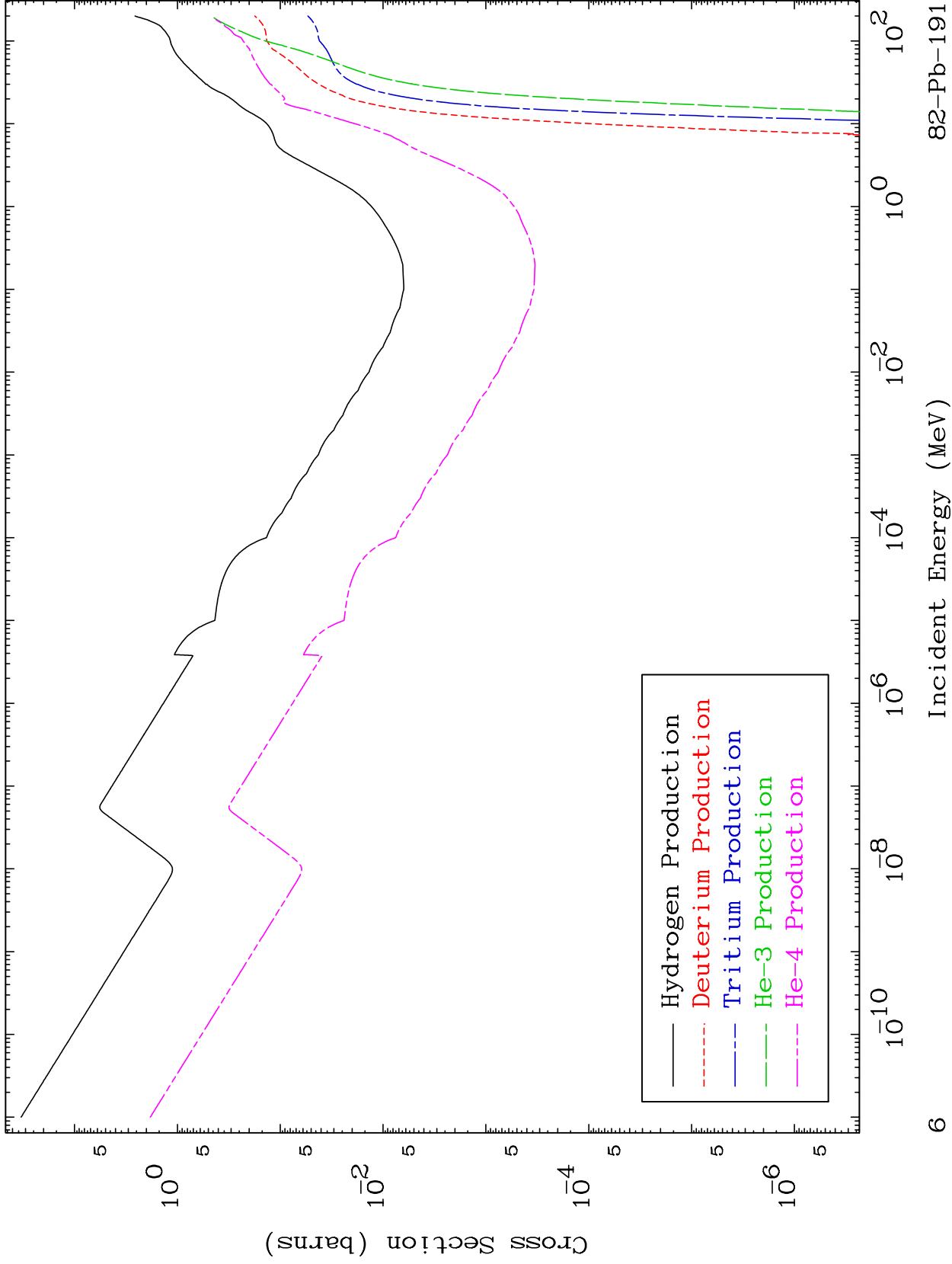
MAT 8186

Charged Particle  
293 Kelvin Cross Sections

82-Pb-191



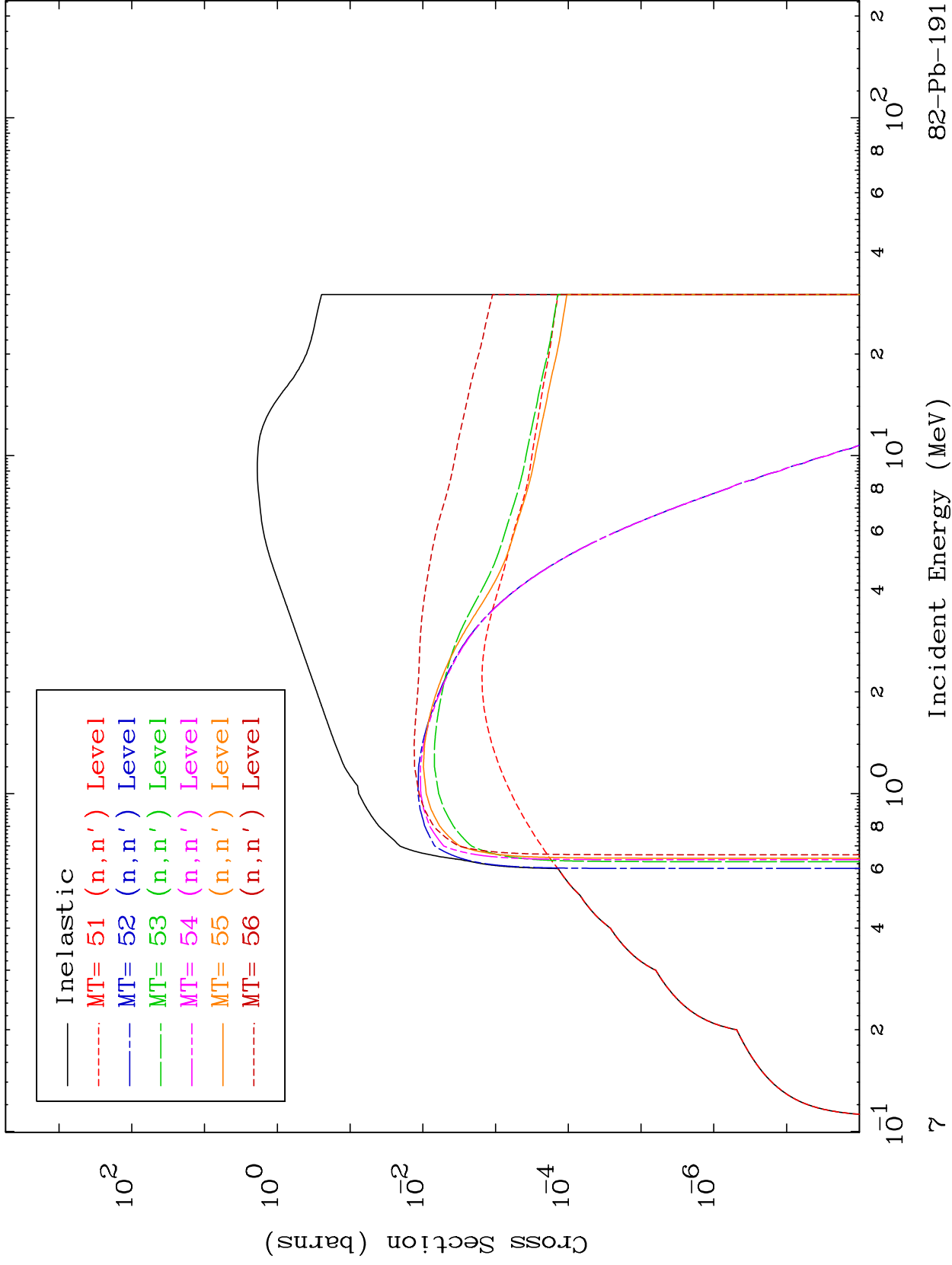




MAT 8186

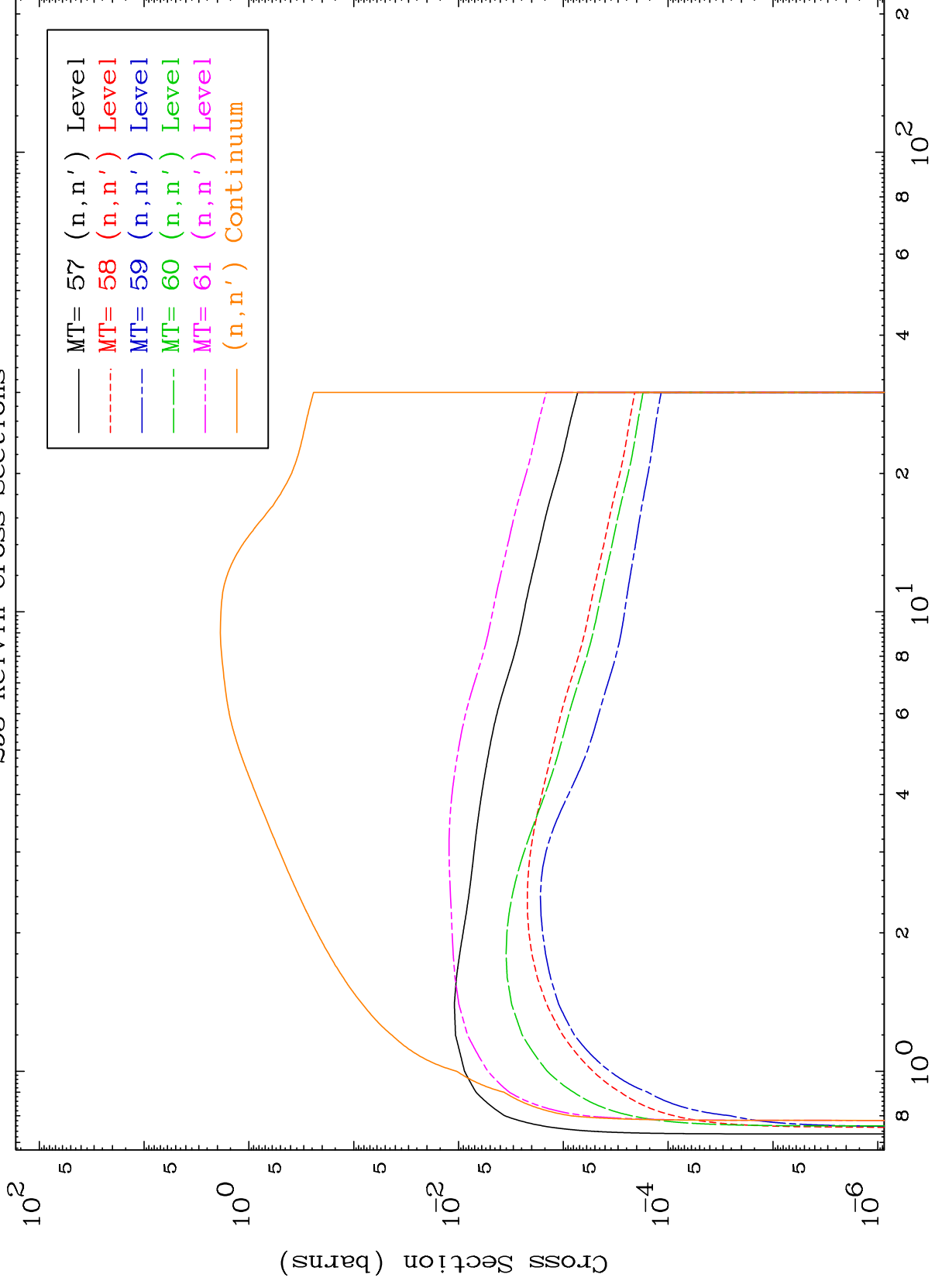
(n,n') Level  
293 Kelvin Cross Sections

82-Pb-191





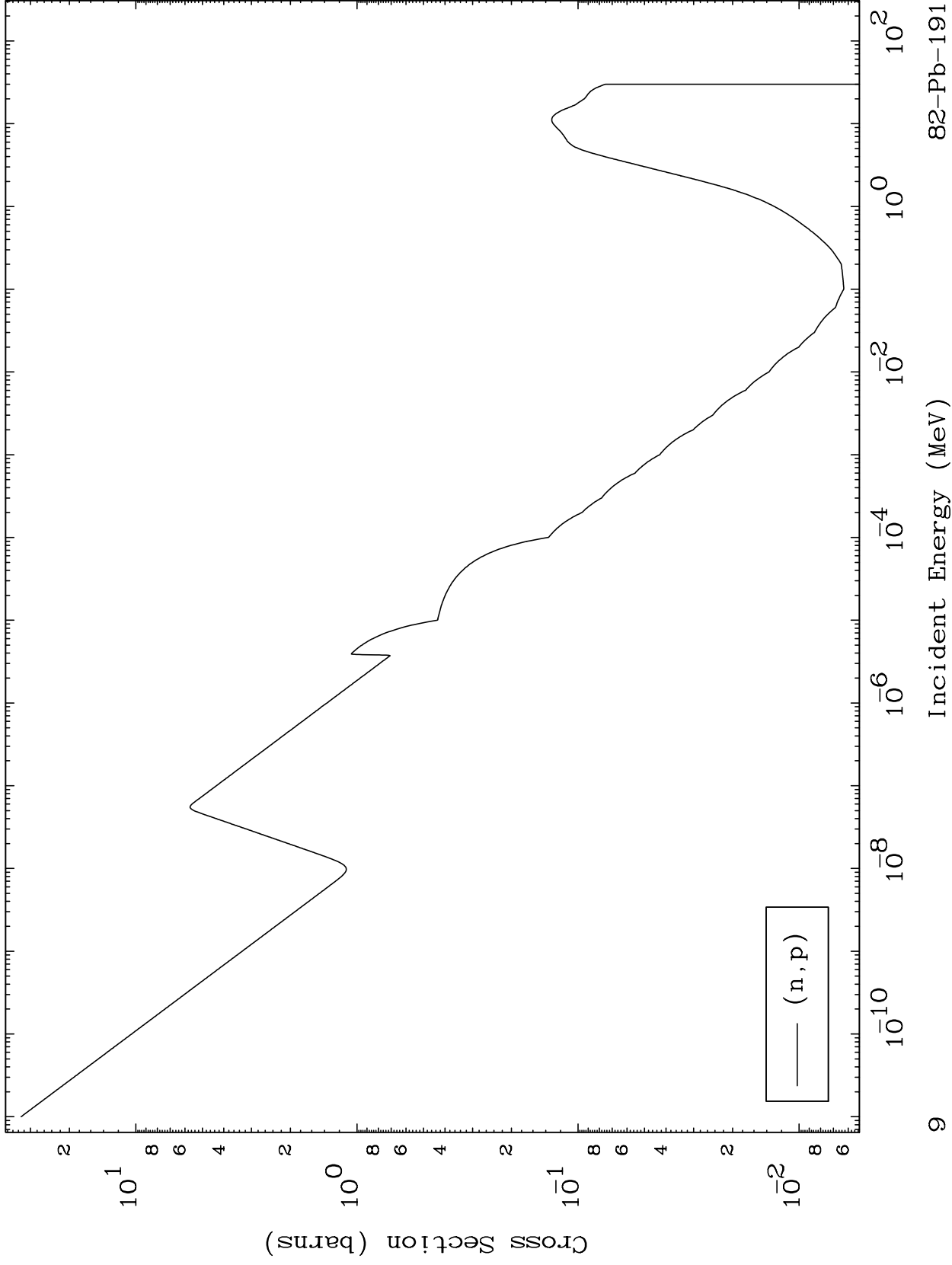
293 Kelvin Cross Sections



MAT 8186

(n,p) Levels  
293 Kelvin Cross Sections

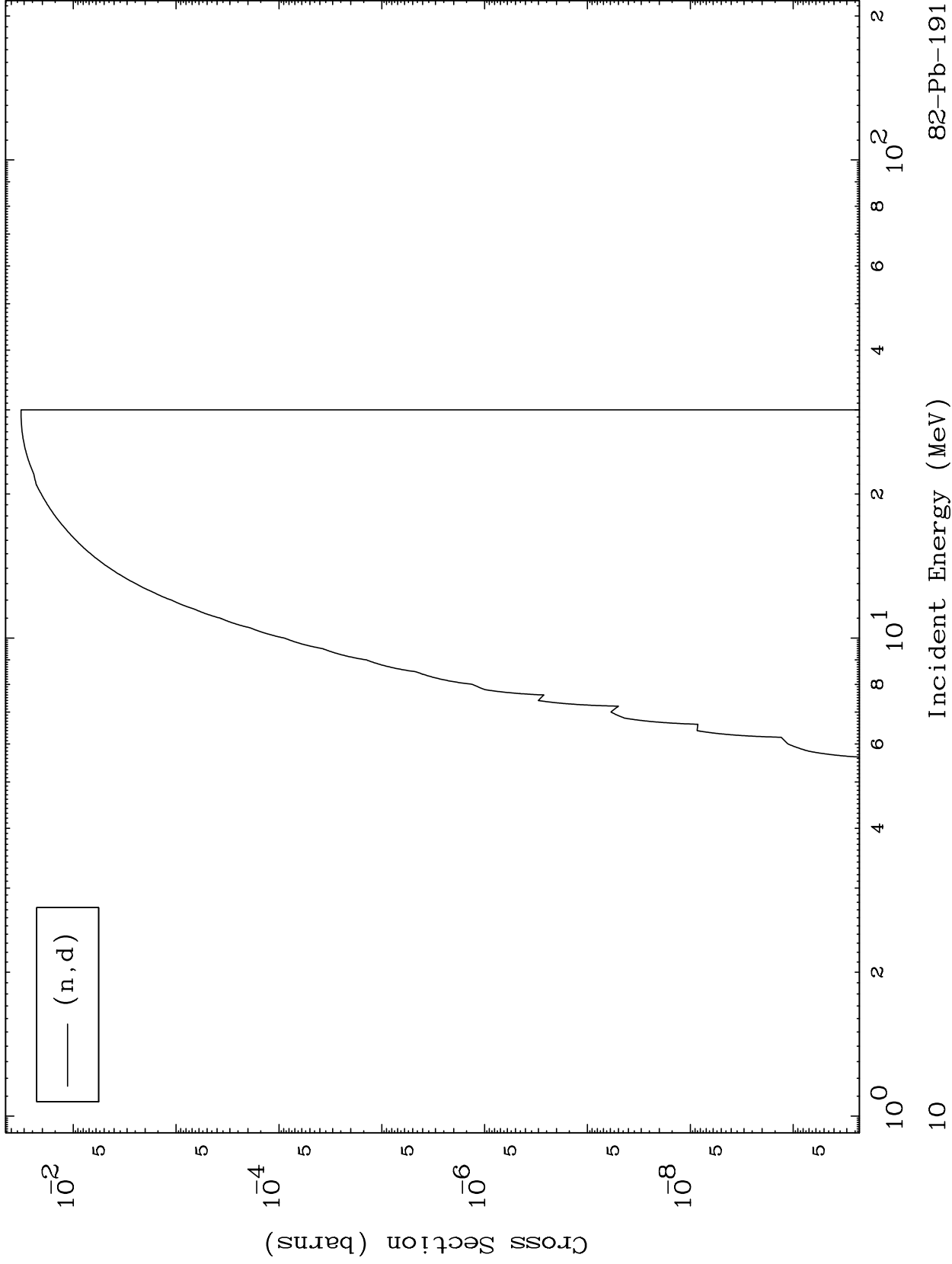
82-Pb-191



MAT 8186

(n,d) Levels  
293 Kelvin Cross Sections

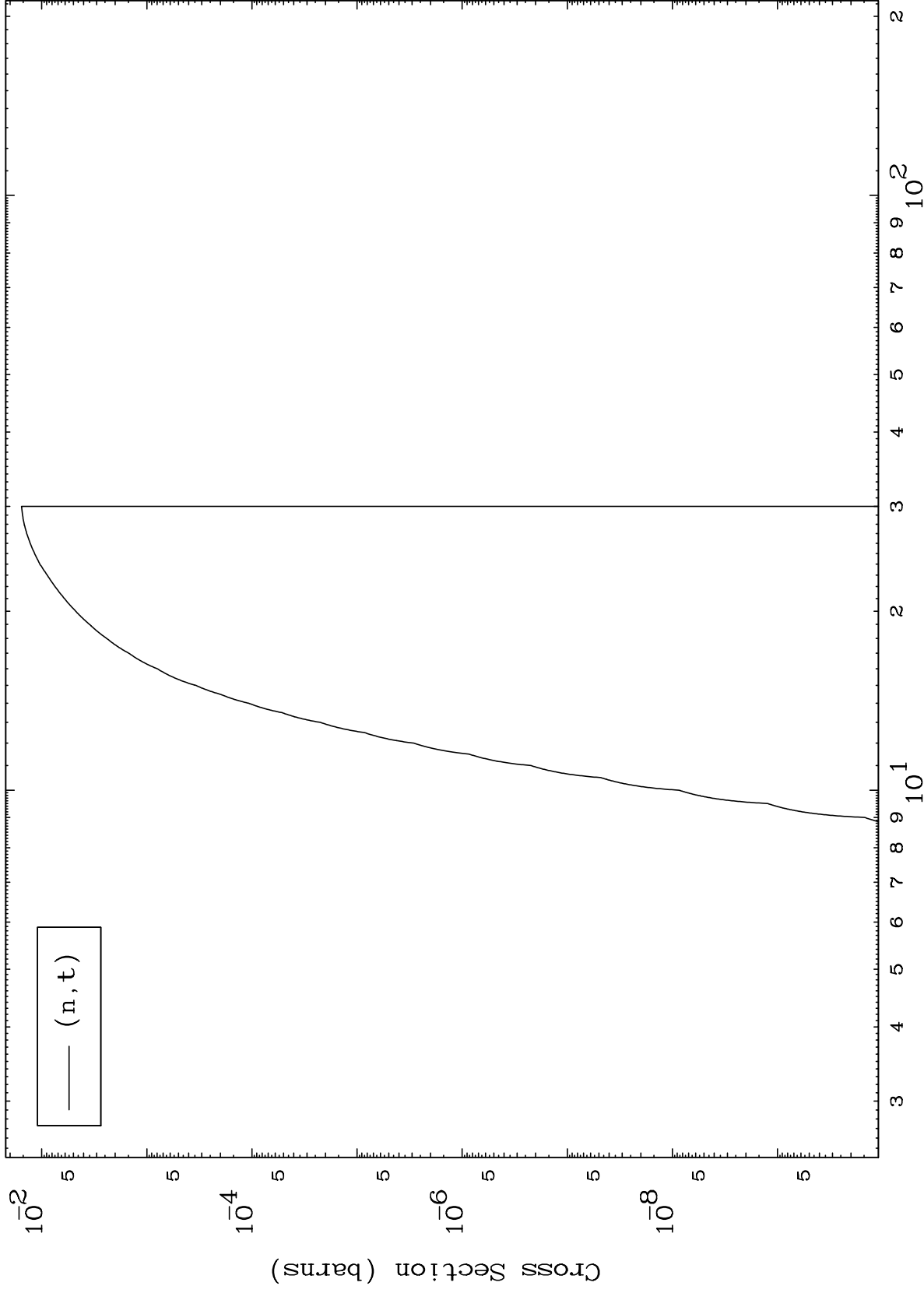
82-Pb-191



MAT 8186

(n,t) Levels  
293 Kelvin Cross Sections

82-Pb-191



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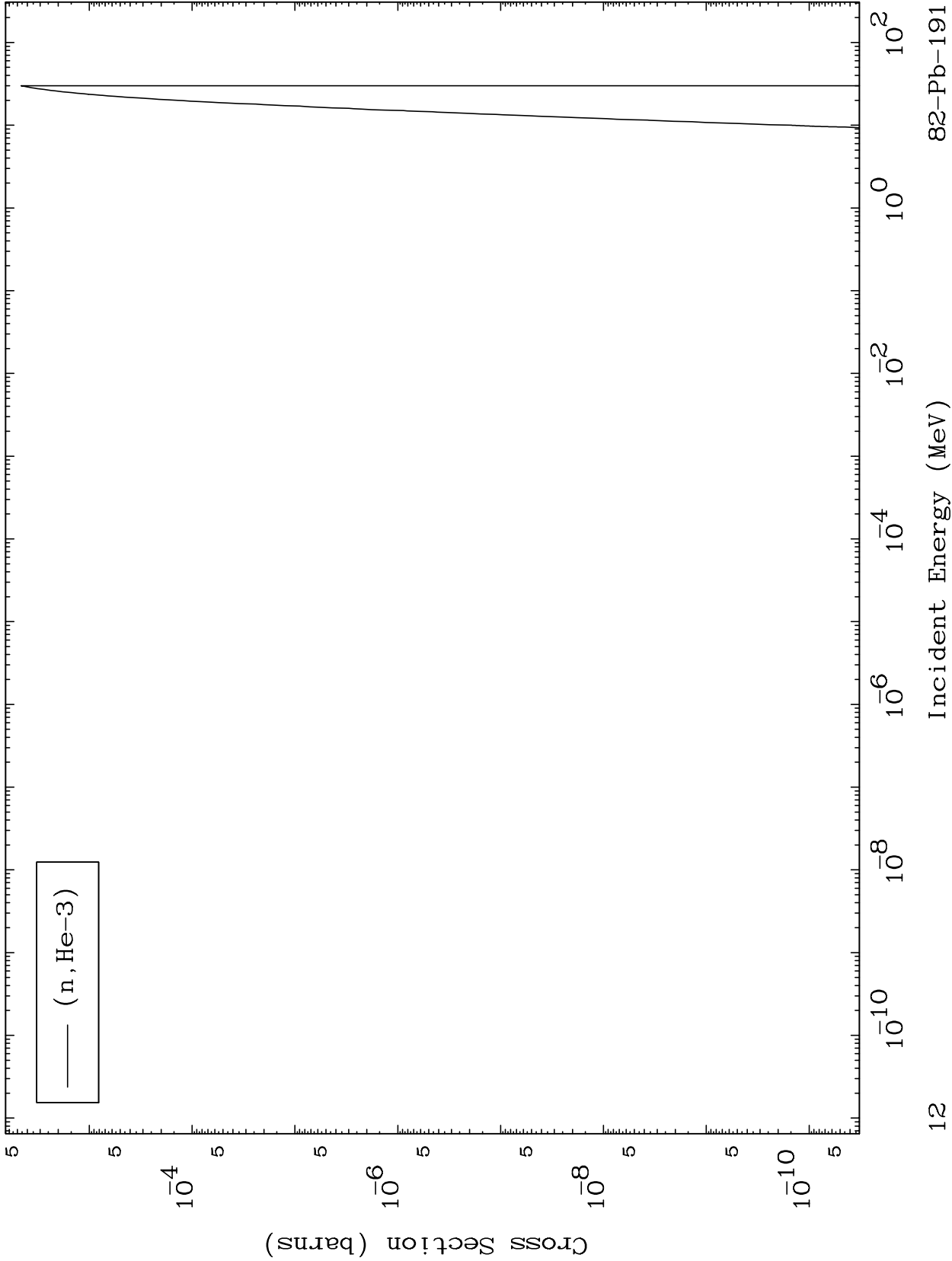
Incident Energy (MeV)

82-Pb-191

MAT 8186

(n,He3) Levels  
293 Kelvin Cross Sections

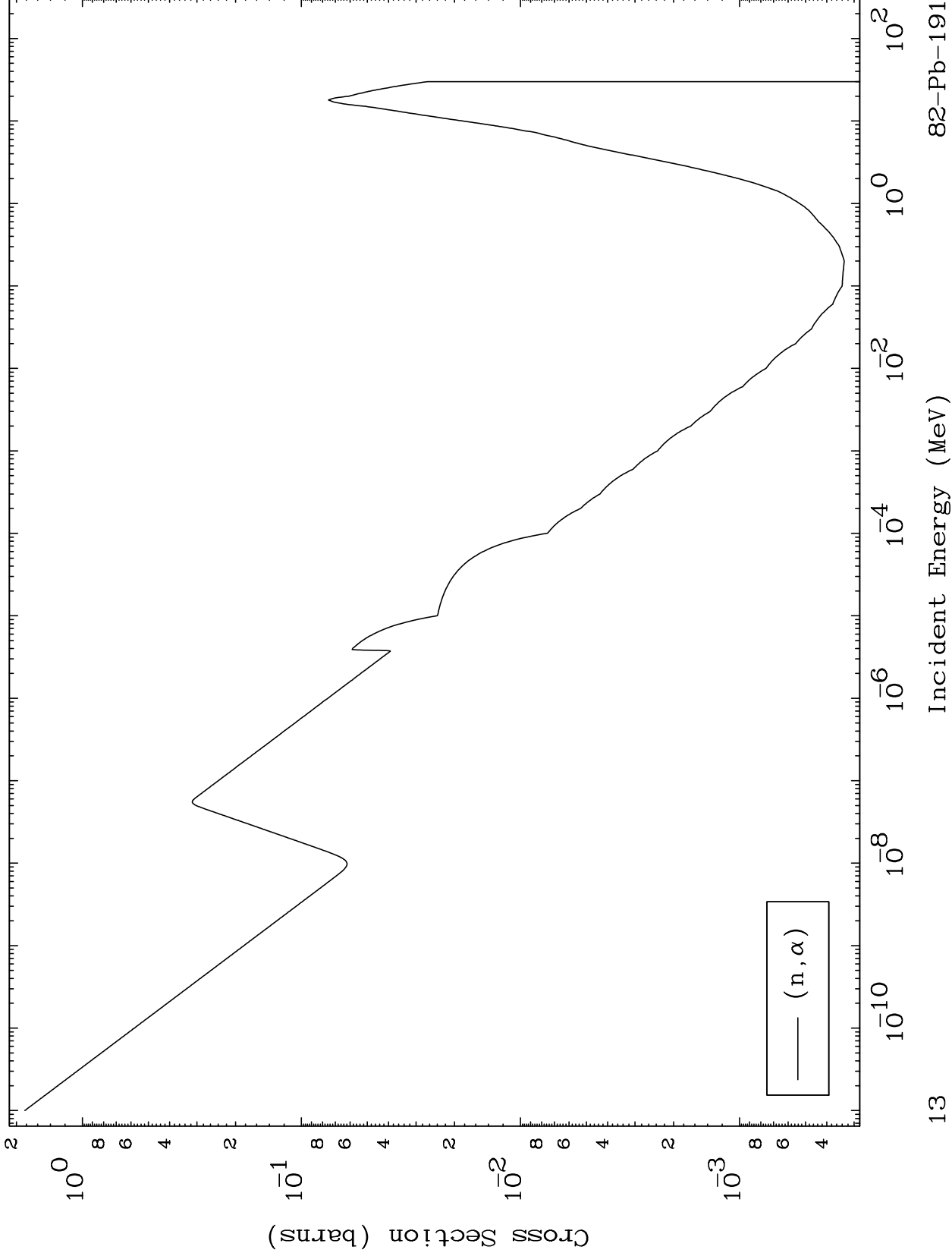
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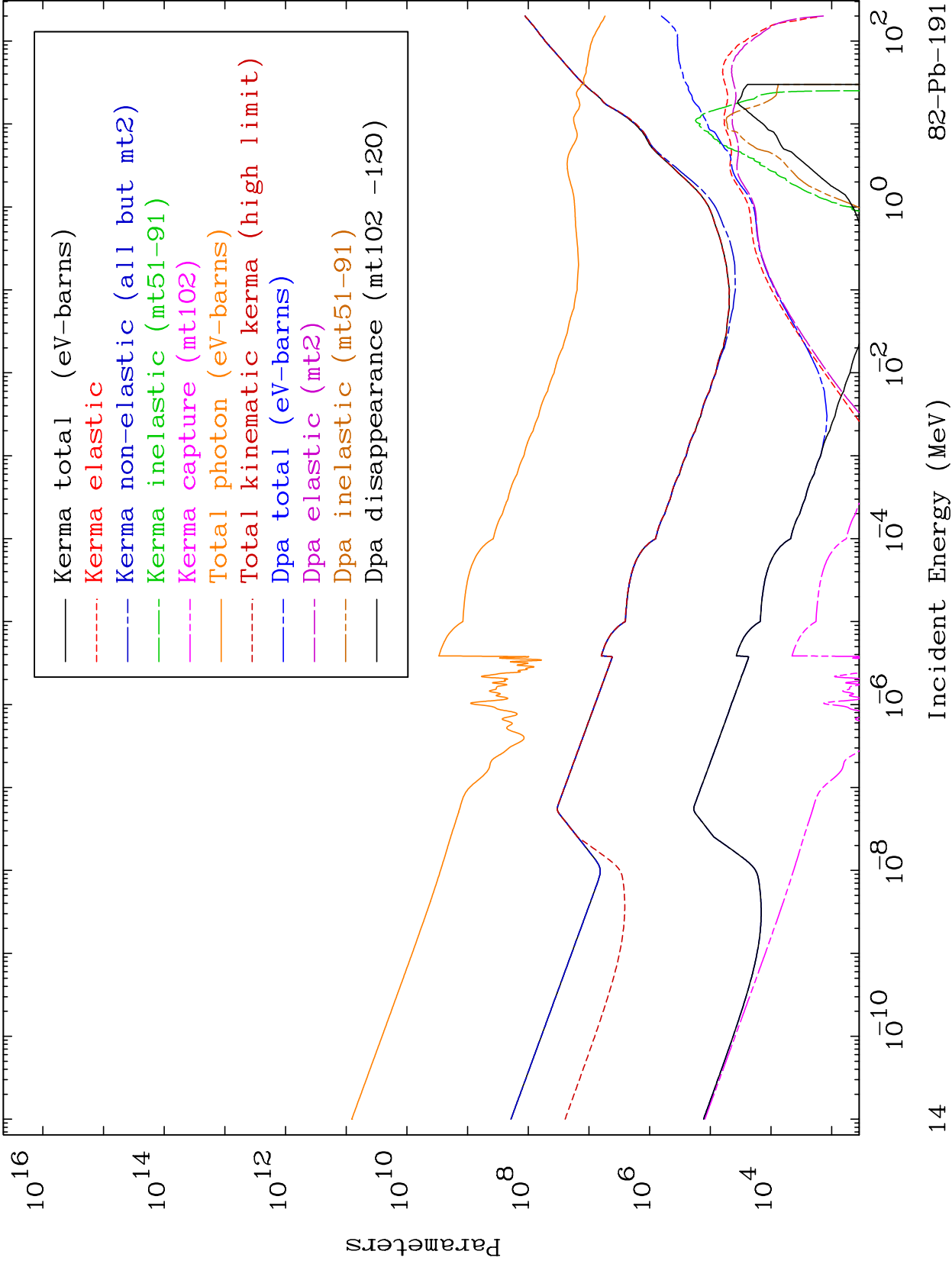


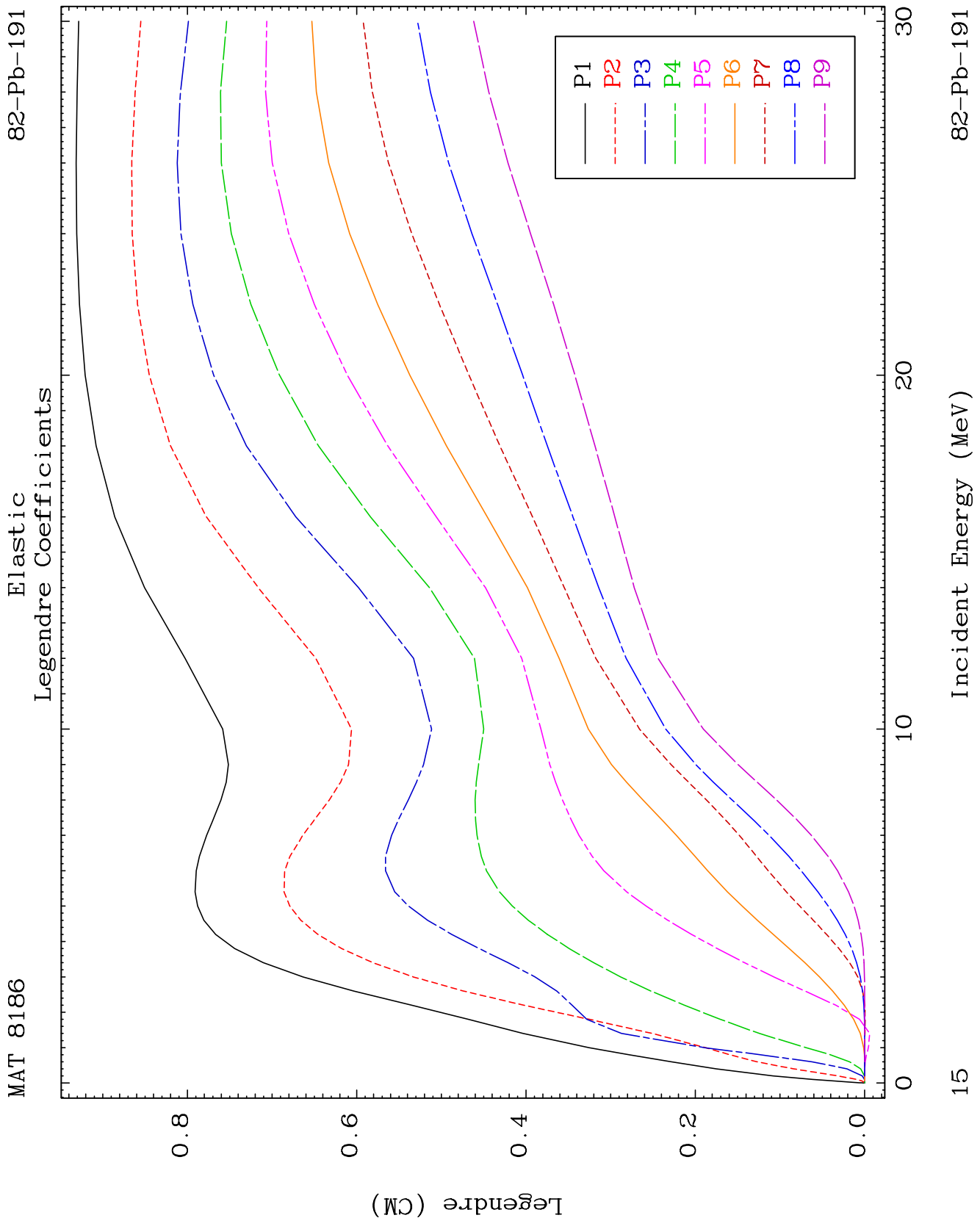
MAT 8186

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

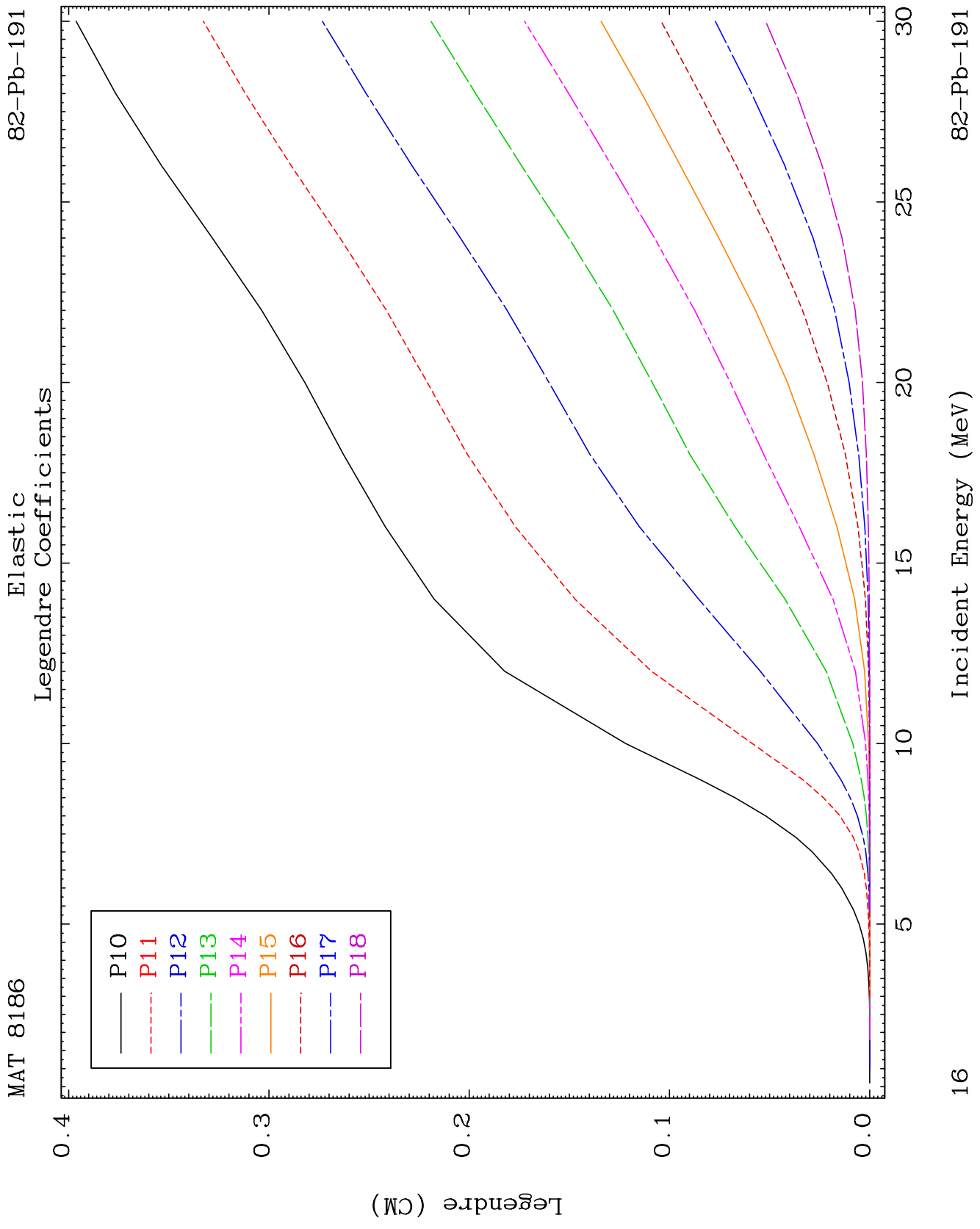
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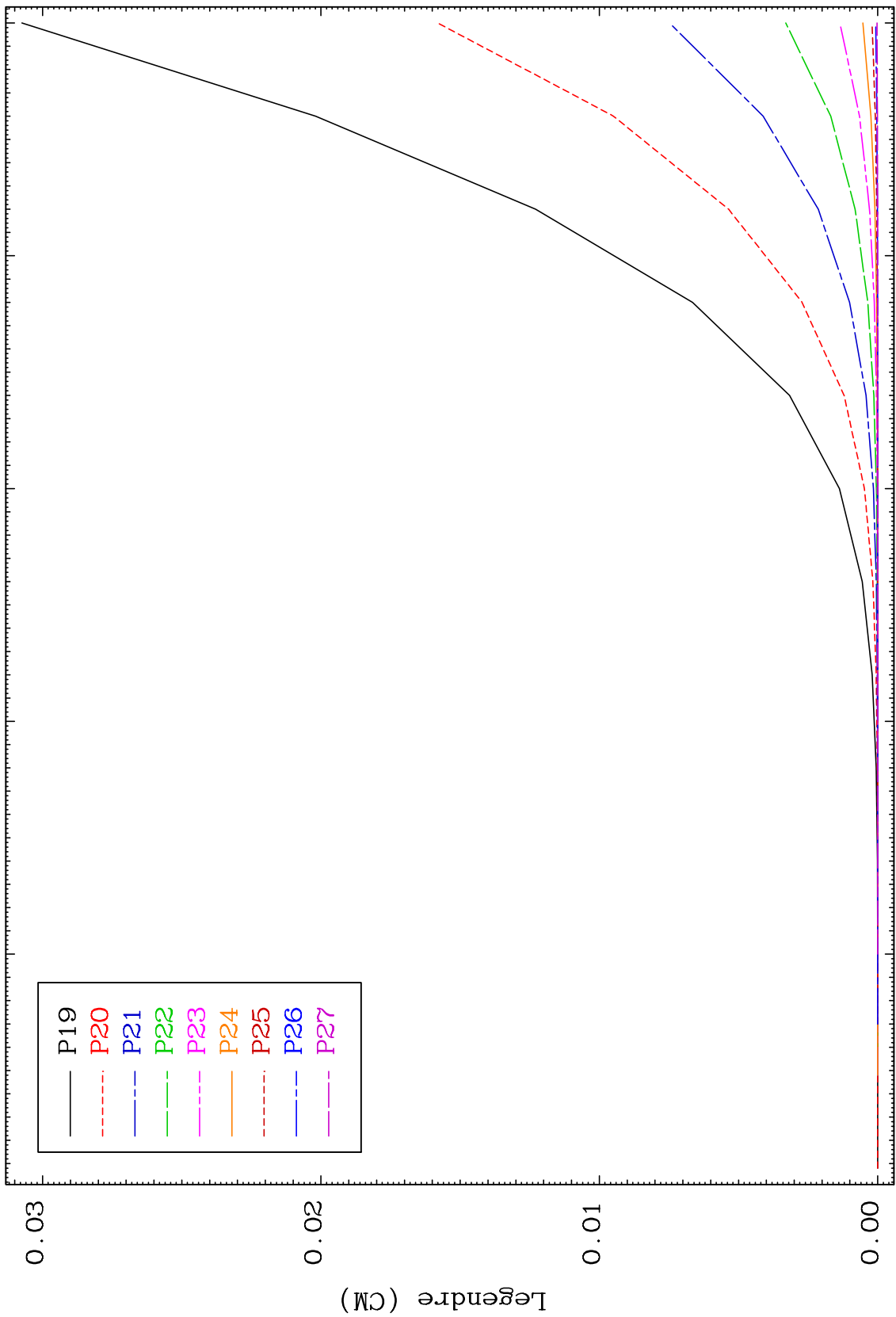




MAT 8186

### Elastic Legendre Coefficients

82-Pb-191



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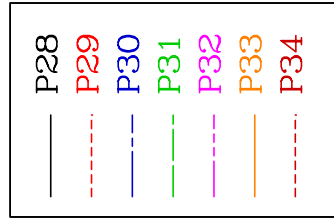
82-Pb-191

Incident Energy (MeV)

MAT 8186

Elastic  
Legendre Coefficients

82-Pb-191



$\times 10^{-6}$

Legendre (CM)

10

15

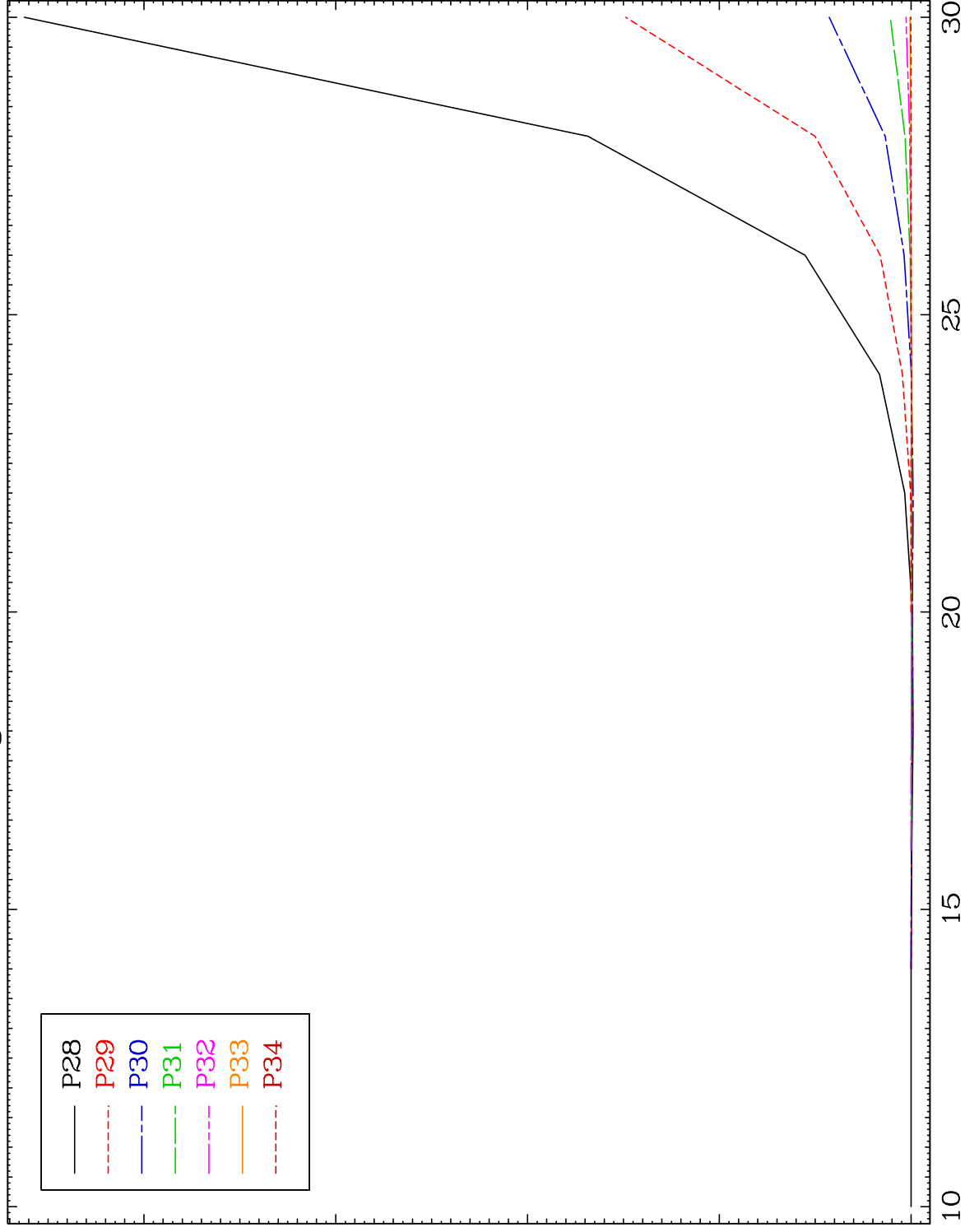
20

25

30

Incident Energy (MeV)

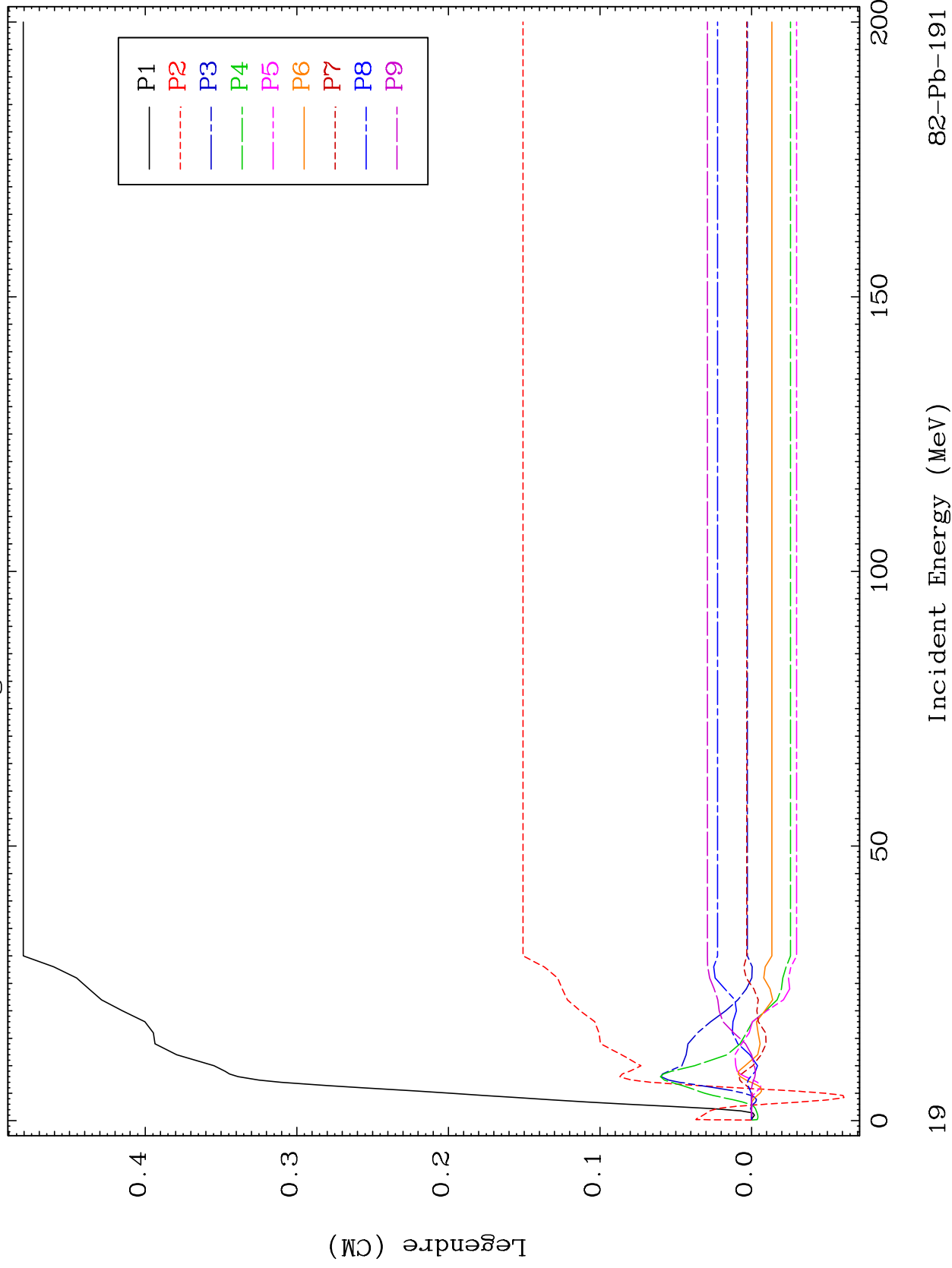
82-Pb-191



MAT 8186

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

82-Pb-191



82-Pb-191

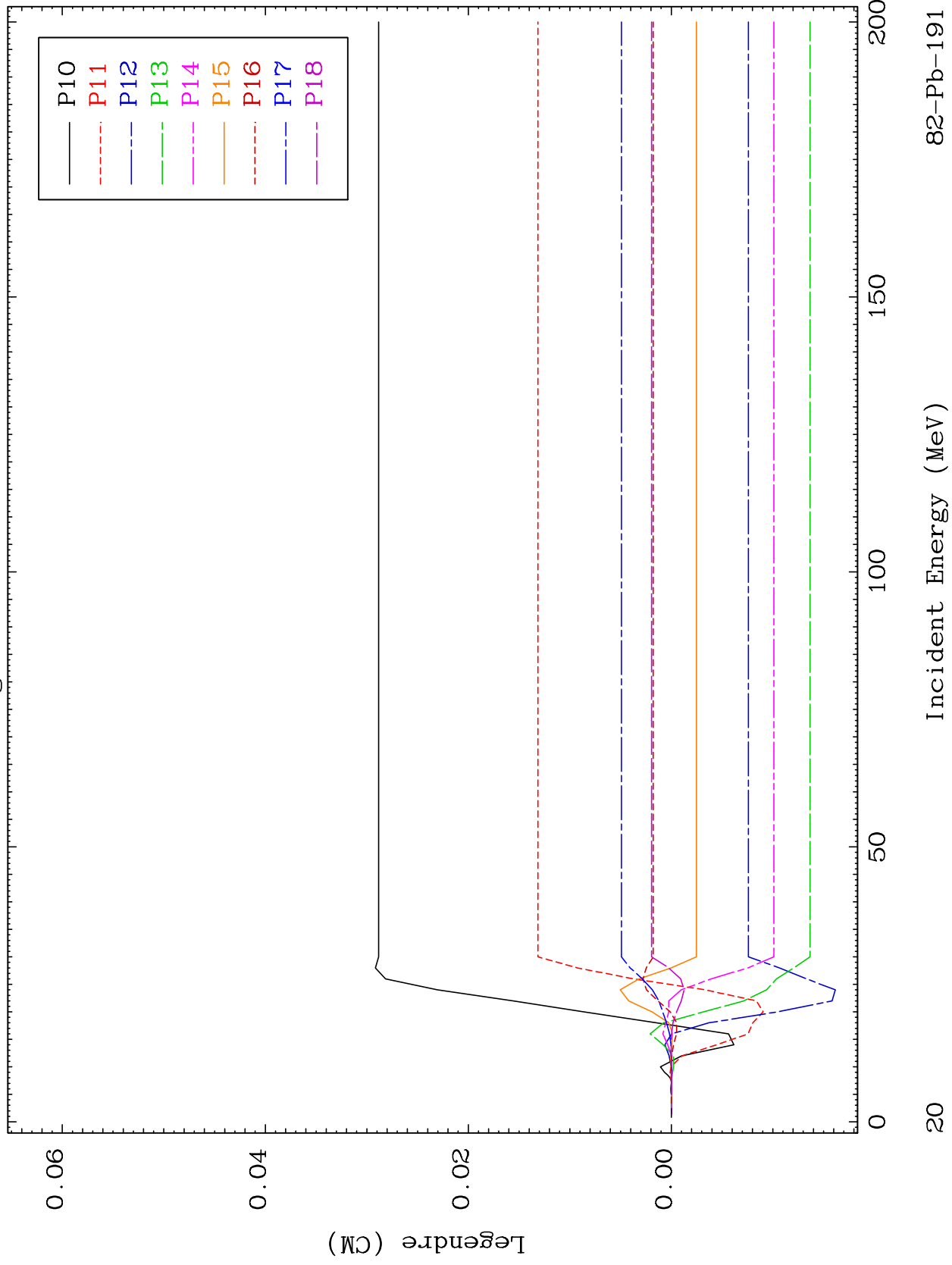
Incident Energy (MeV)

19

MAT 8186

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

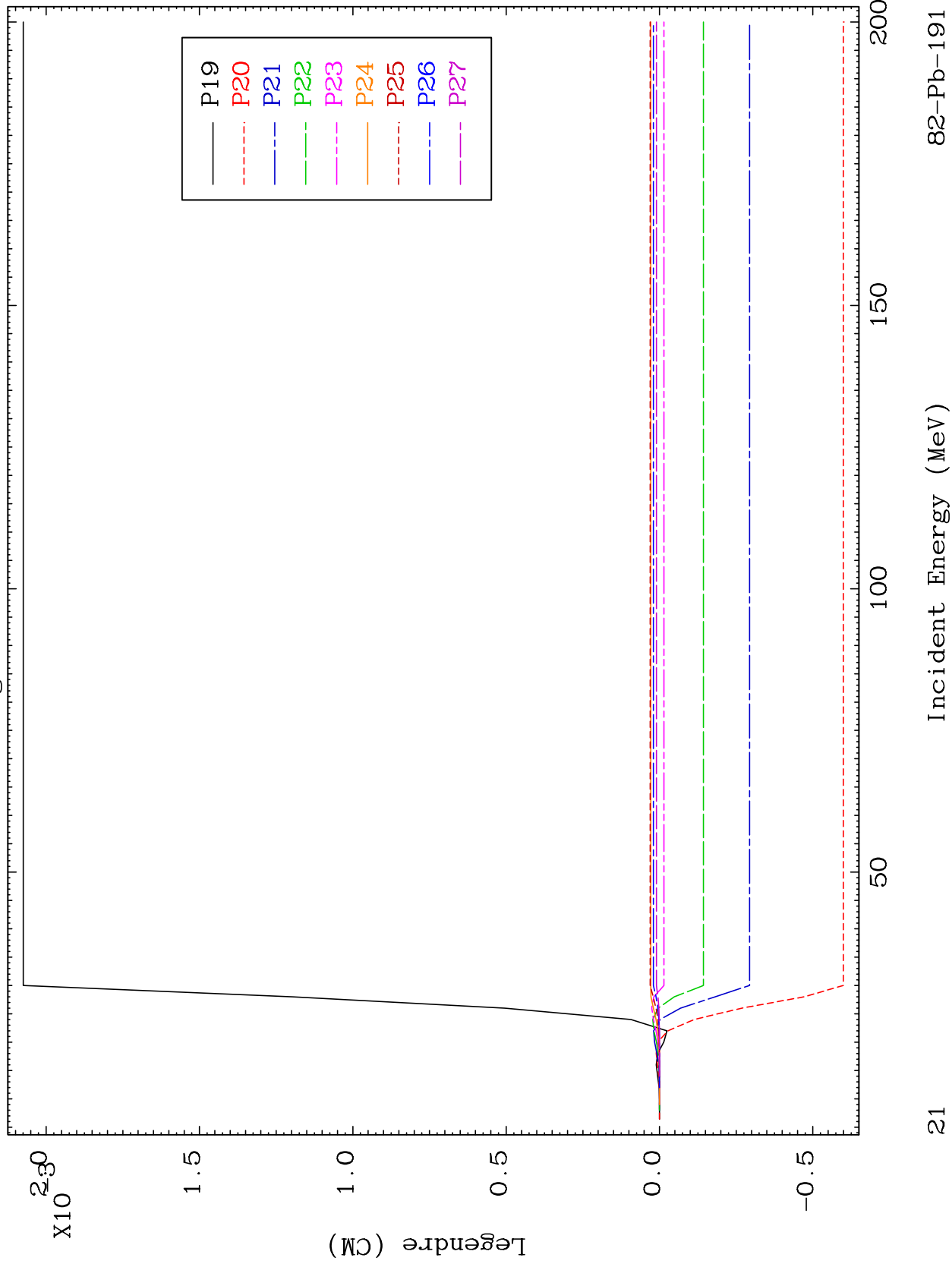
82-Pb-191



MAT 8186

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

82-Pb-191



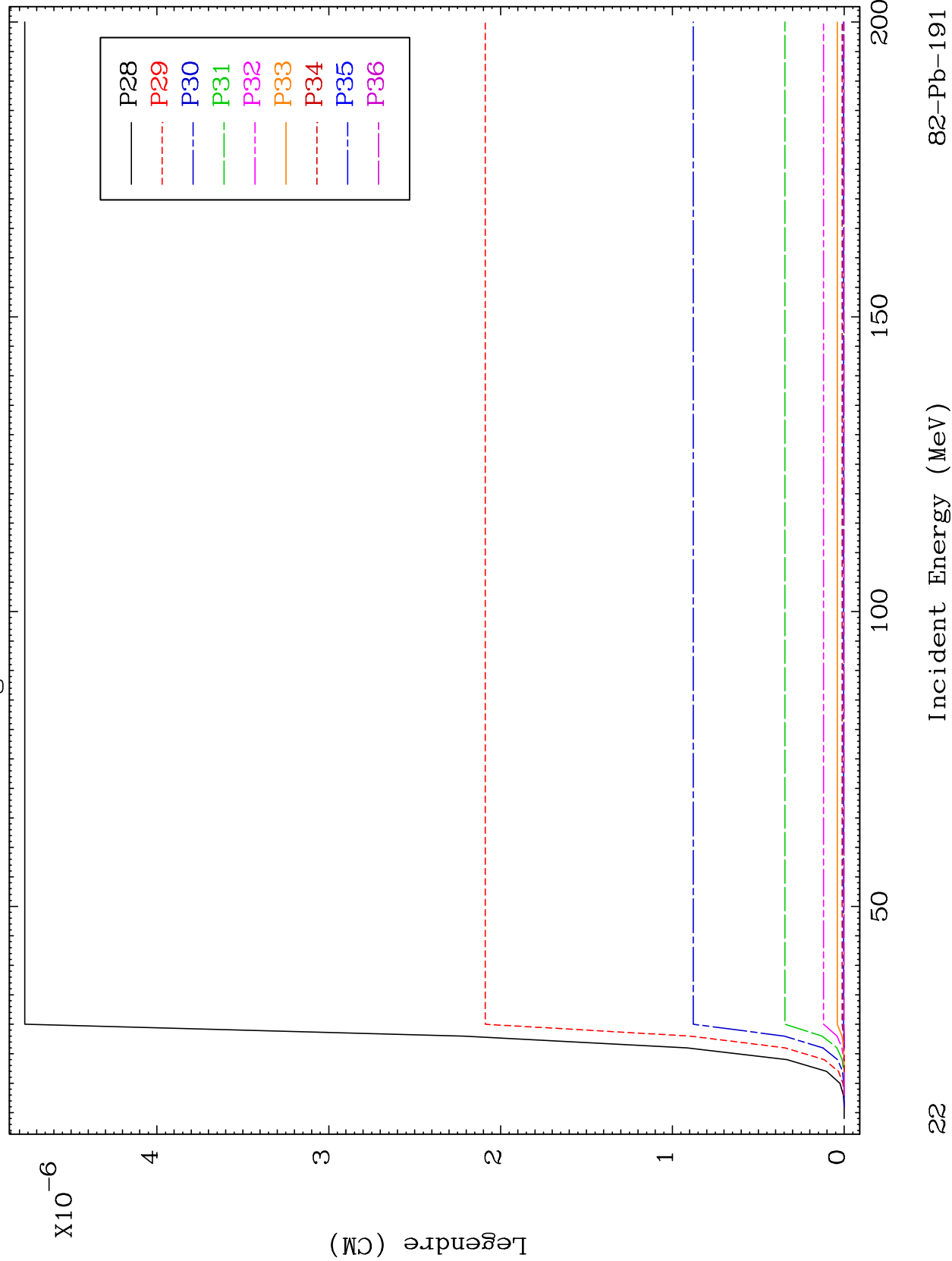
21

82-Pb-191

MAT 8186

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

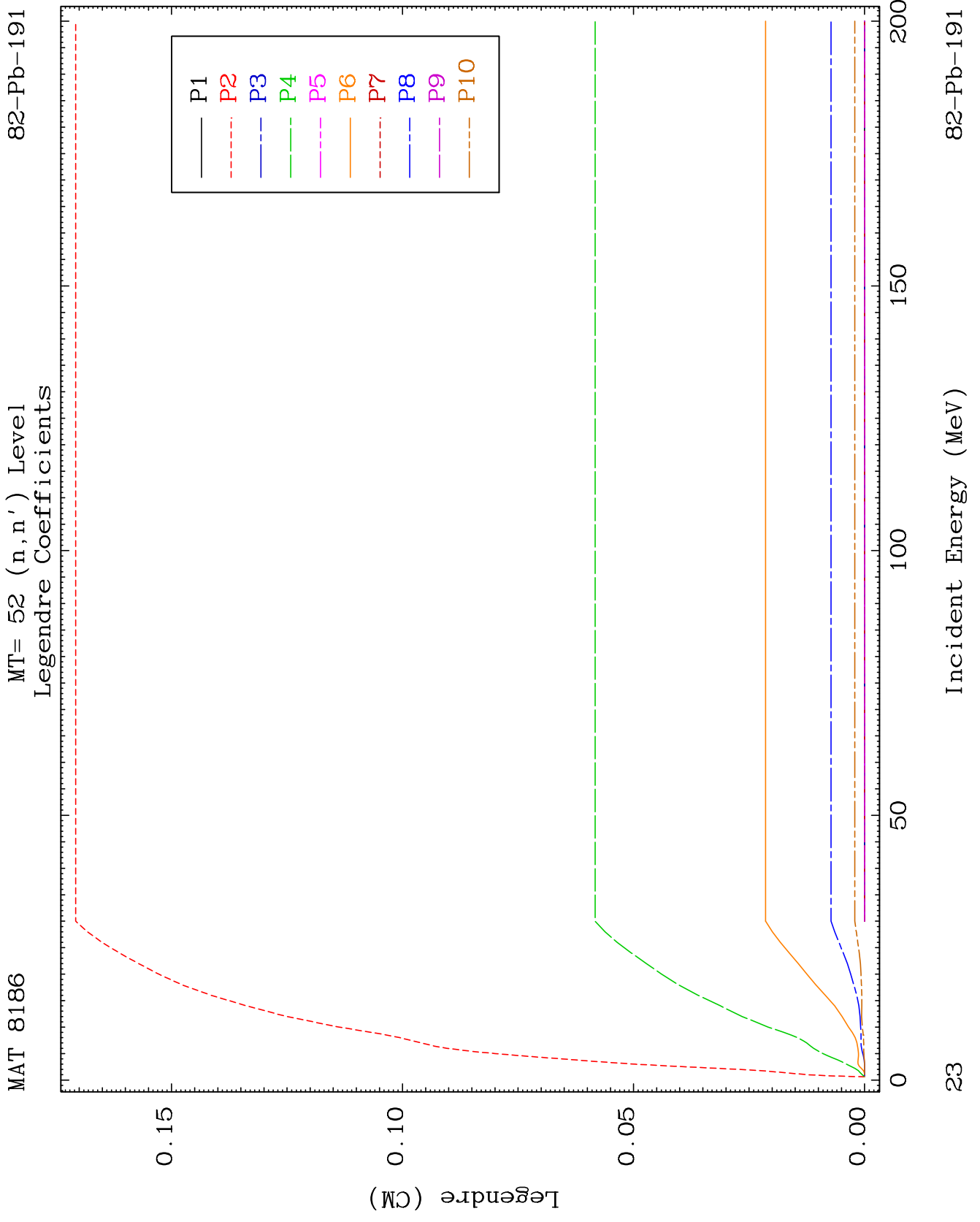
82-Pb-191



22

Incident Energy (MeV)

82-Pb-191

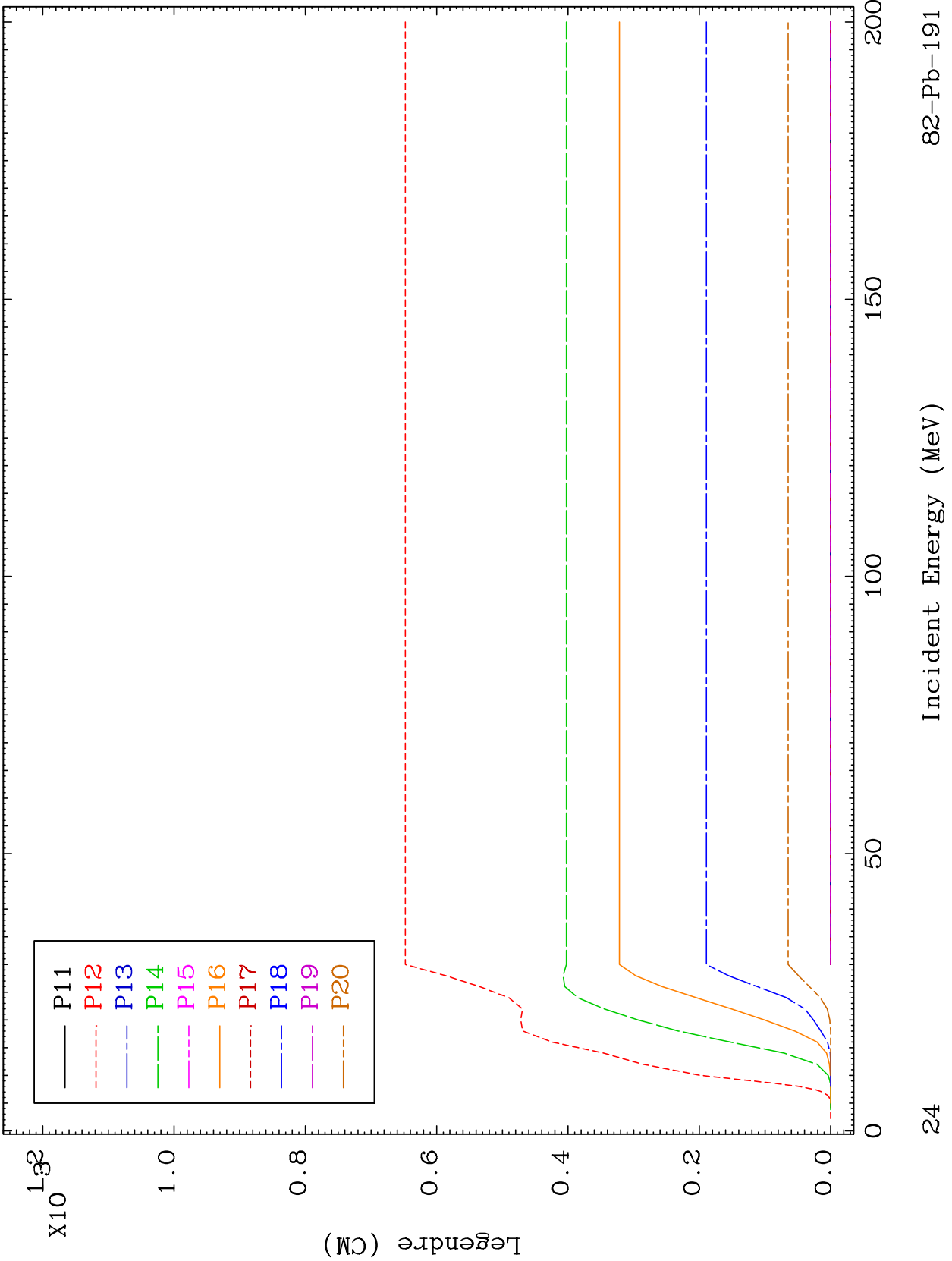




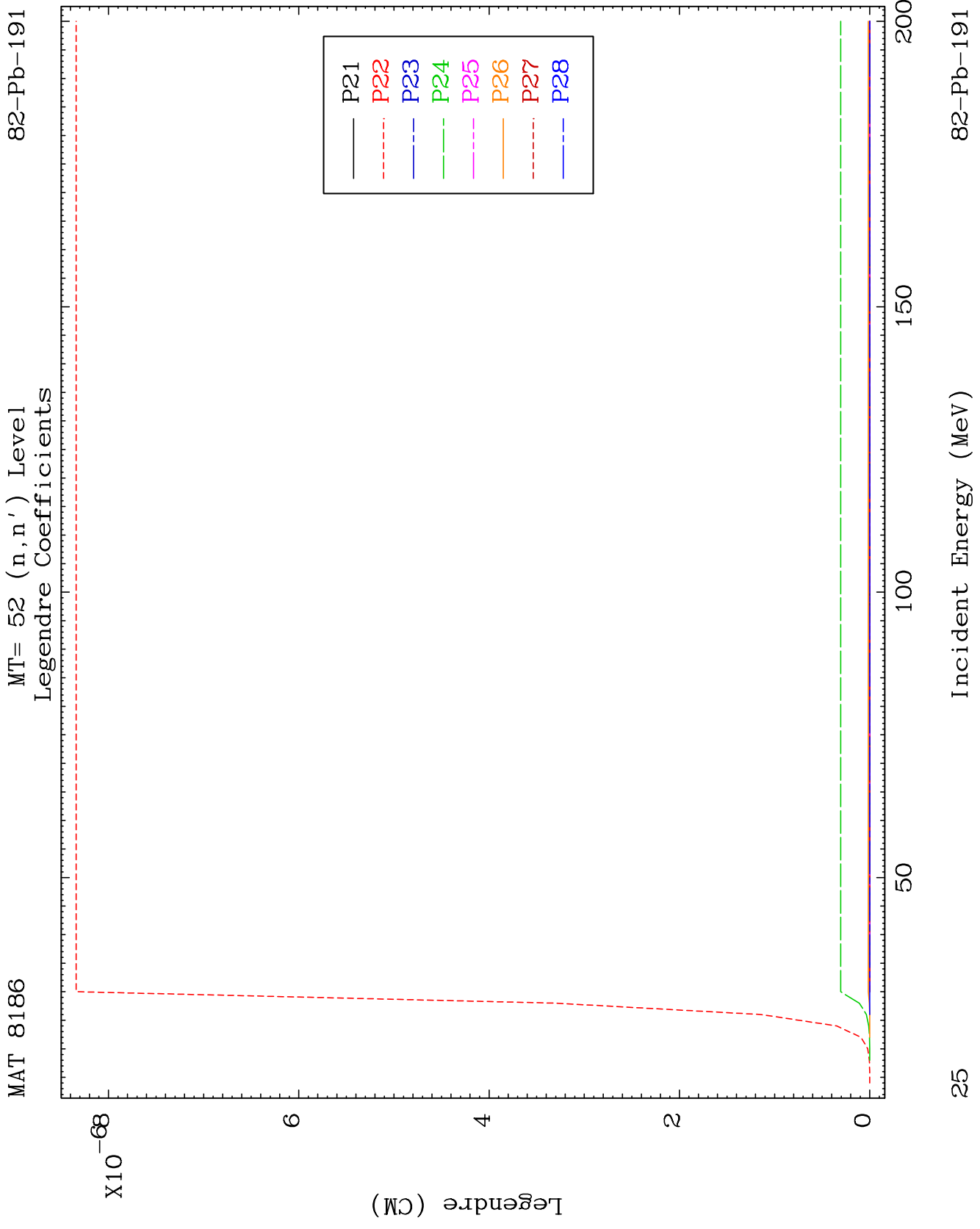
MAT 8186

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

82-Pb-191



24

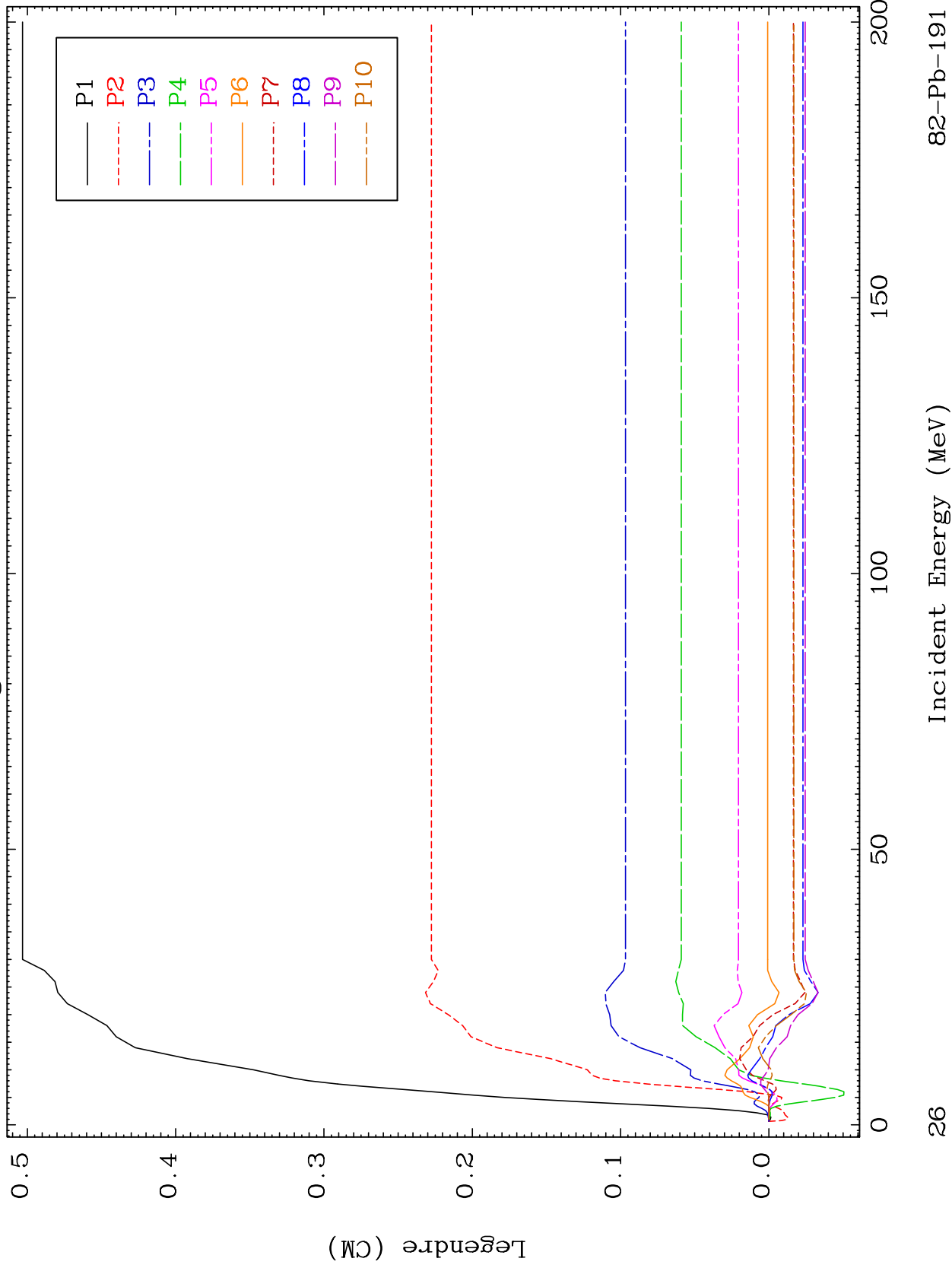


MAT 8186

MT= 53 (n,n') Level

82-Pb-191

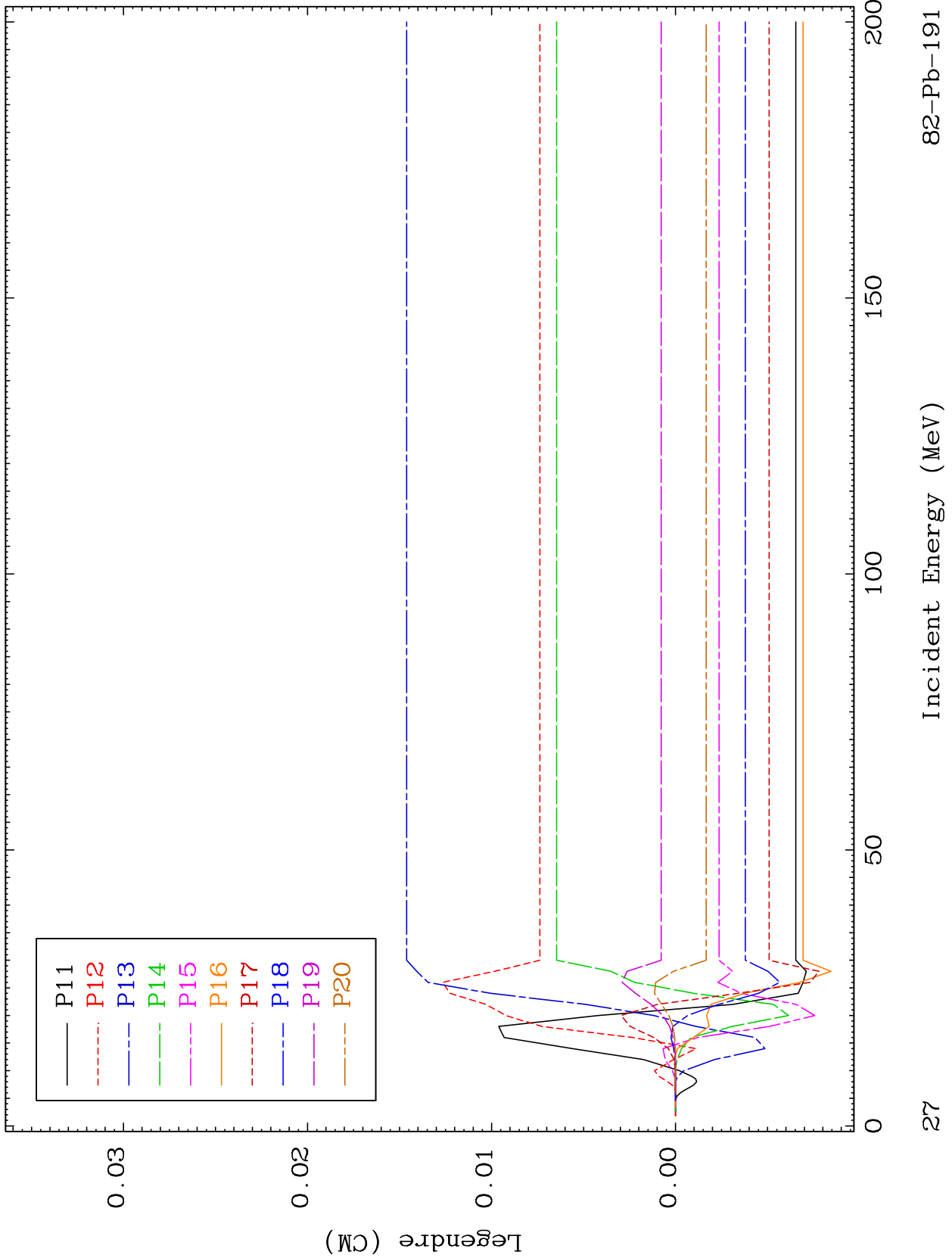
Legendre Coefficients



MAT 8186

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

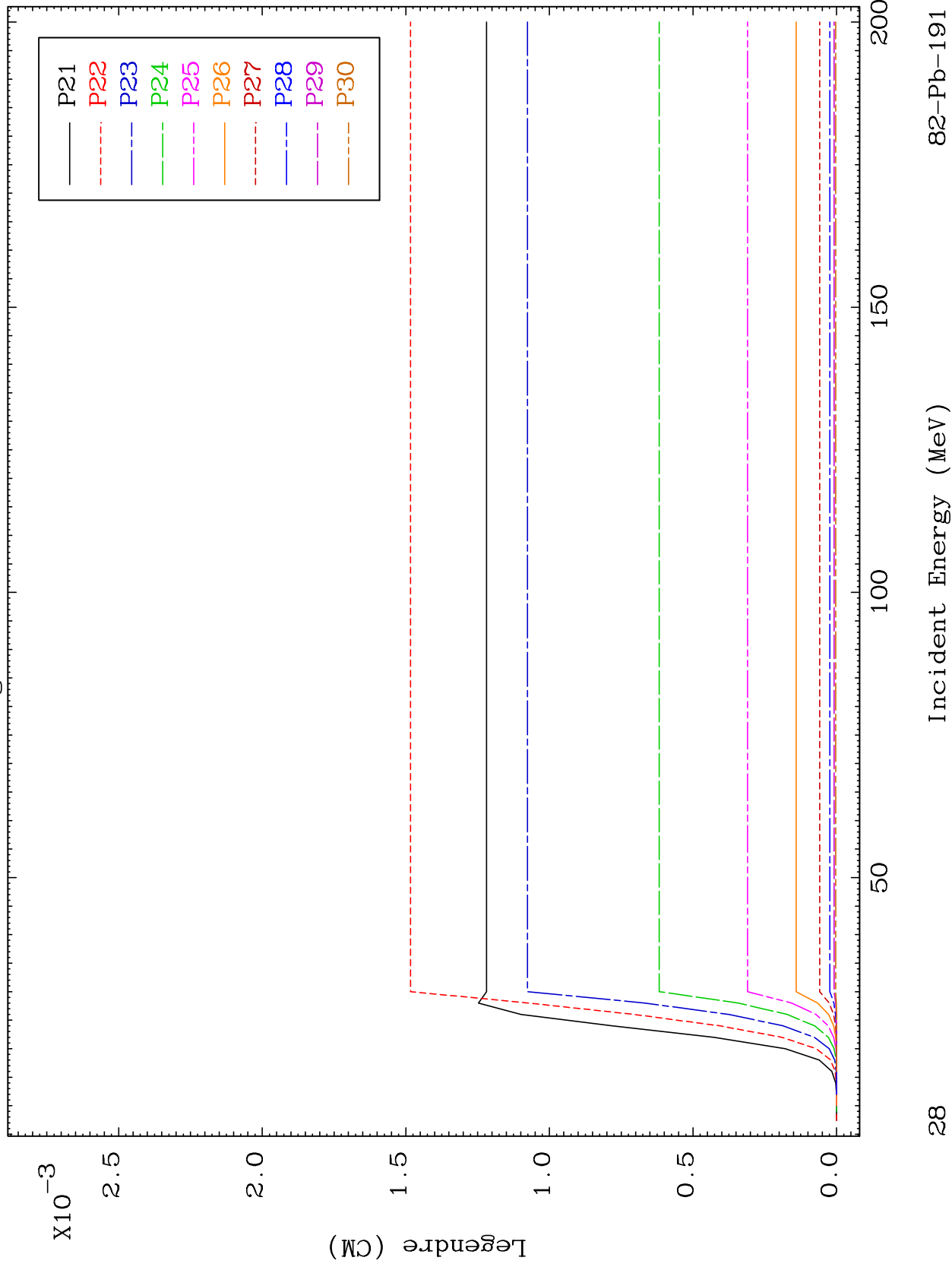
82-Pb-191



MAT 8186

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

82-Pb-191



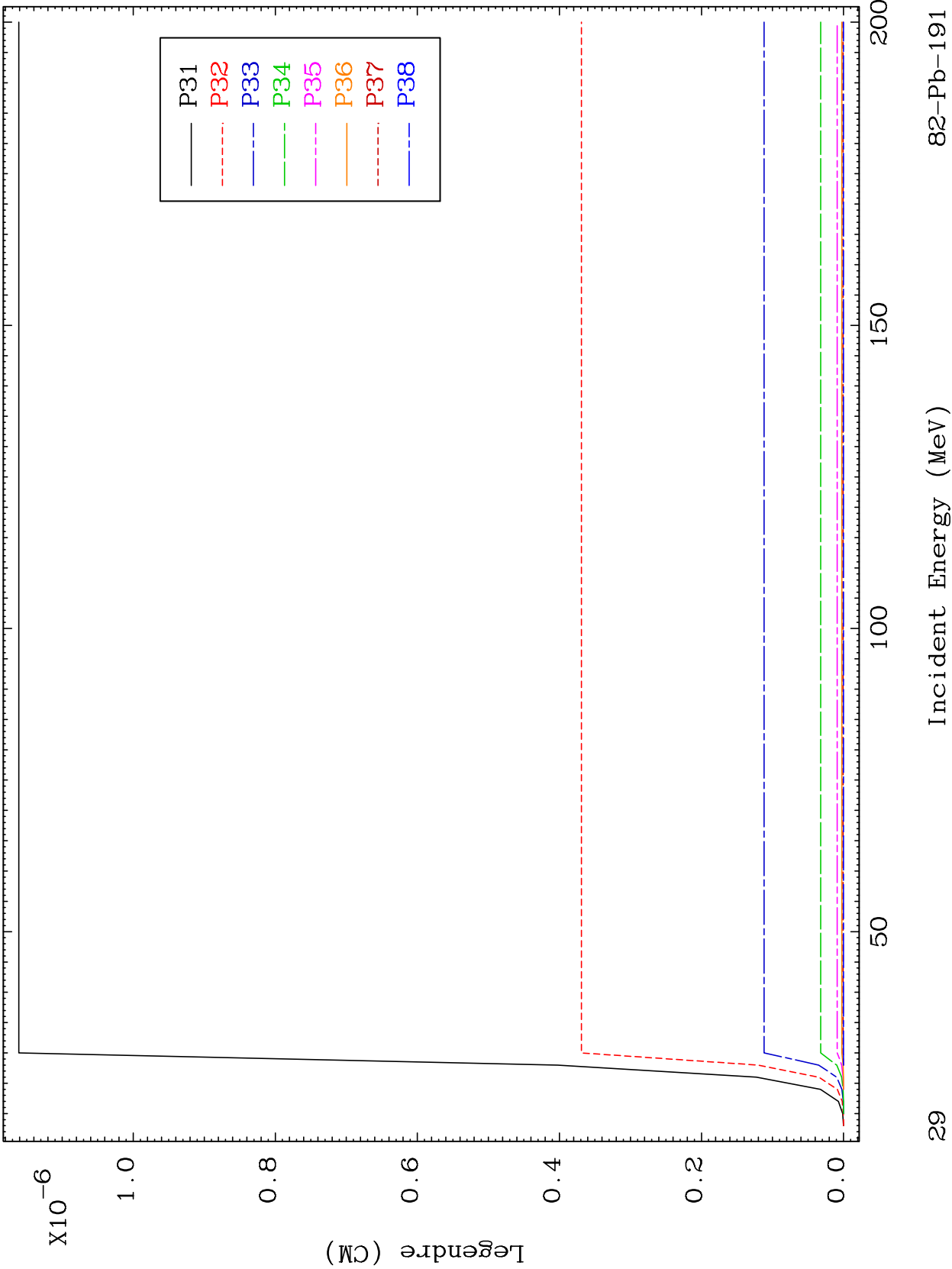
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82-Pb-191

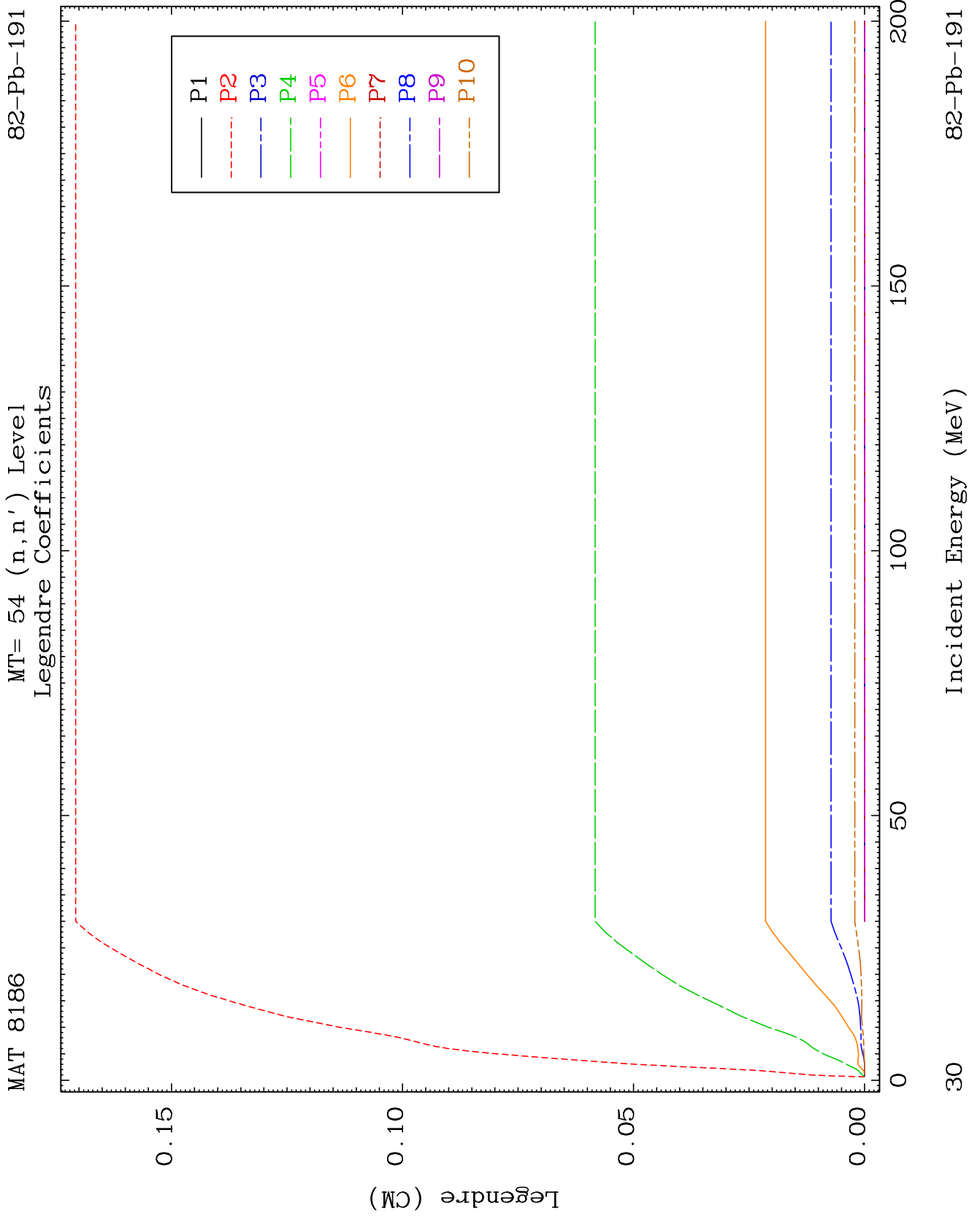
MAT 8186

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

82-Pb-191



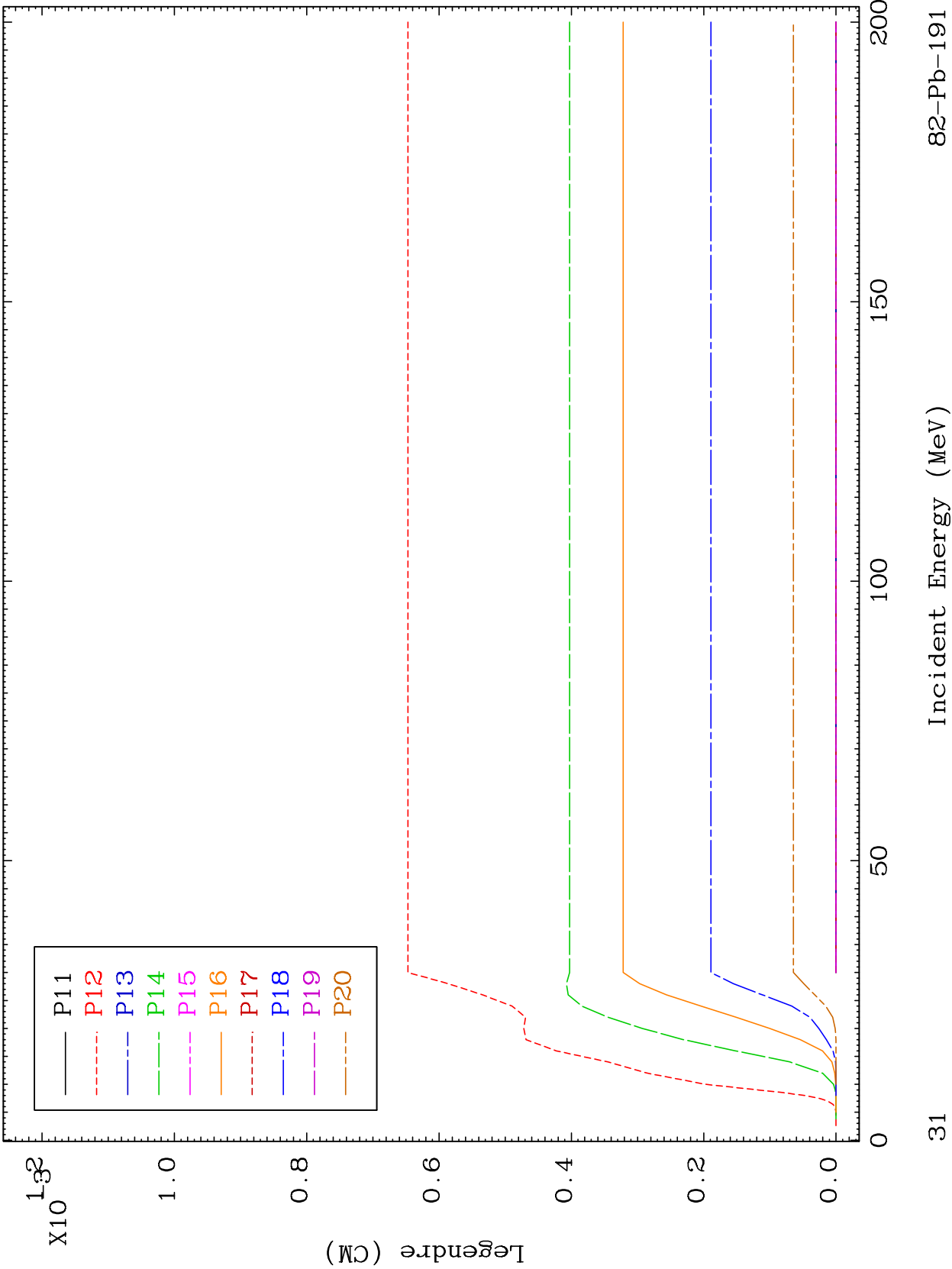
29



MAT 8186

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

82-Pb-191



31

Incident Energy (MeV)

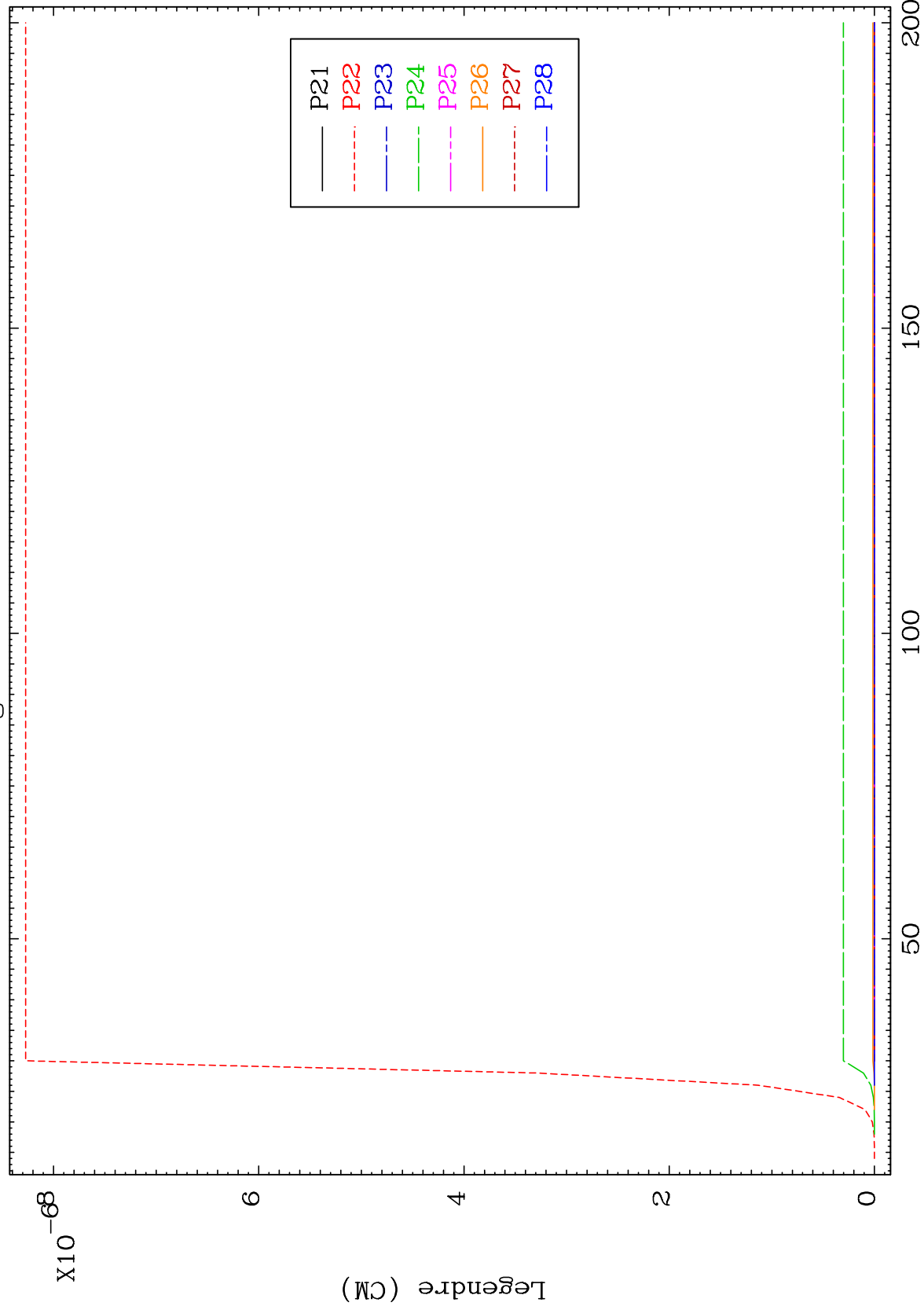
82-Pb-191



MAT 8186

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

82-Pb-191



32

Incident Energy (MeV)

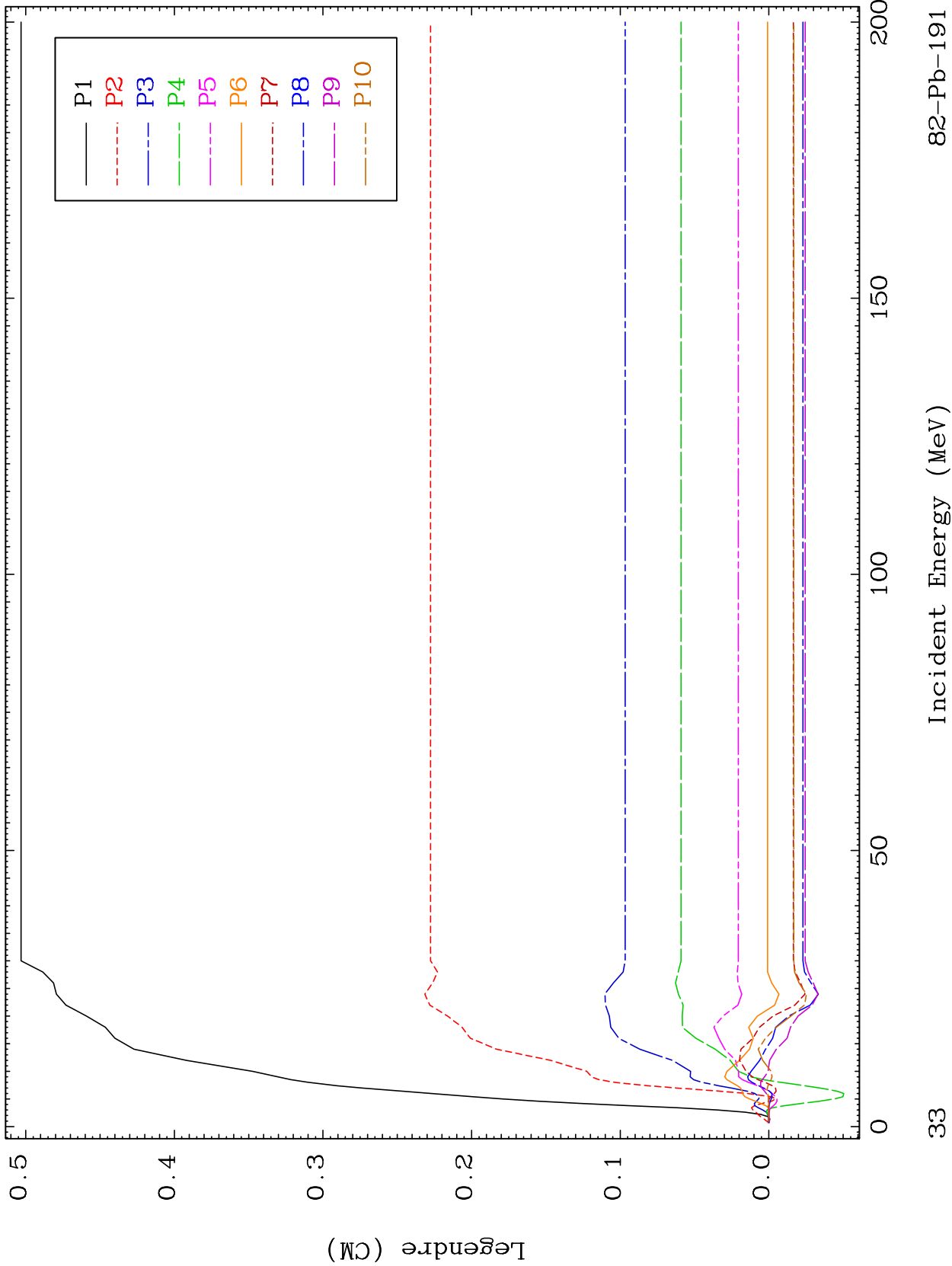
82-Pb-191

MAT 8186

MT= 55 (n,n') Level

82-Pb-191

Legendre Coefficients



33

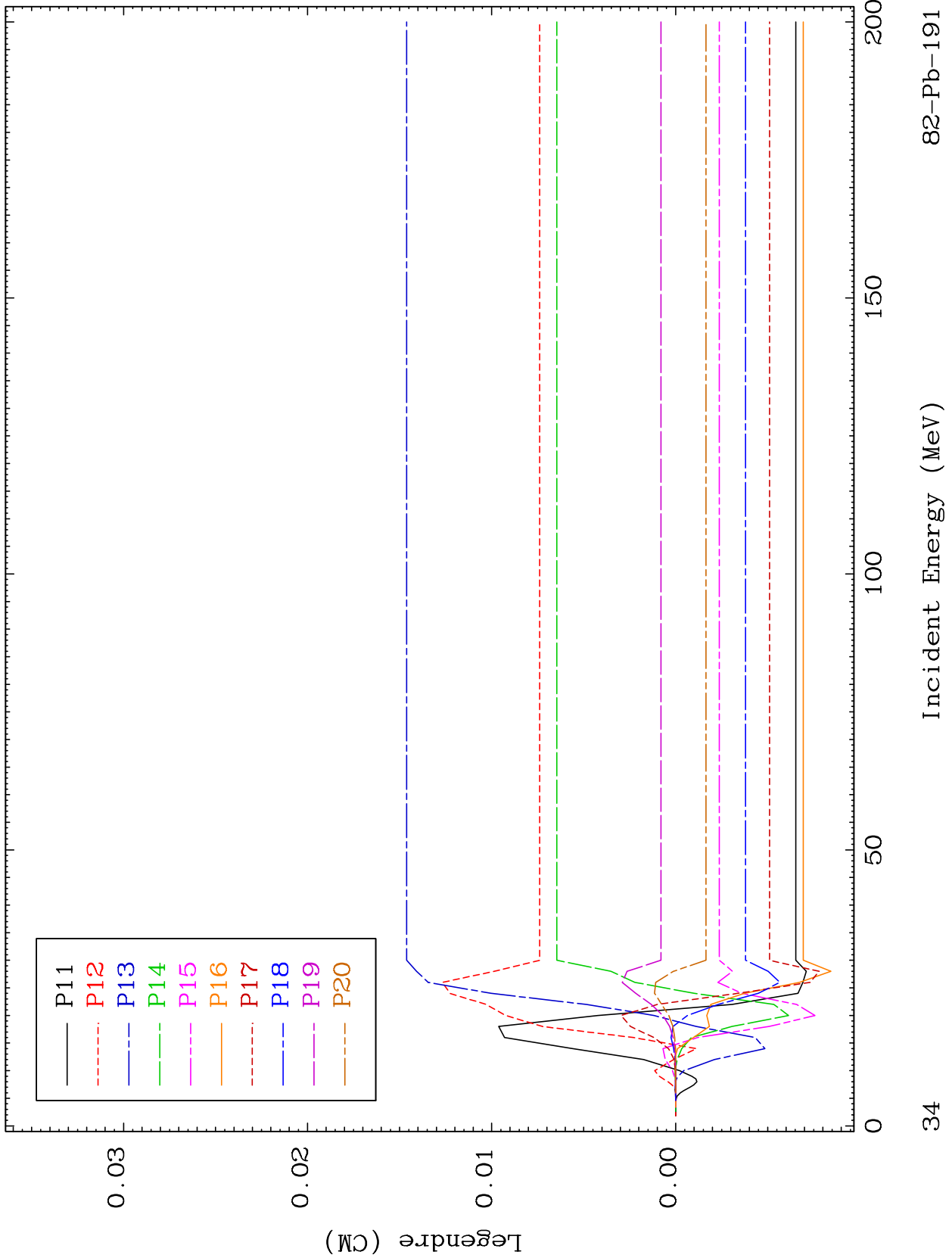
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

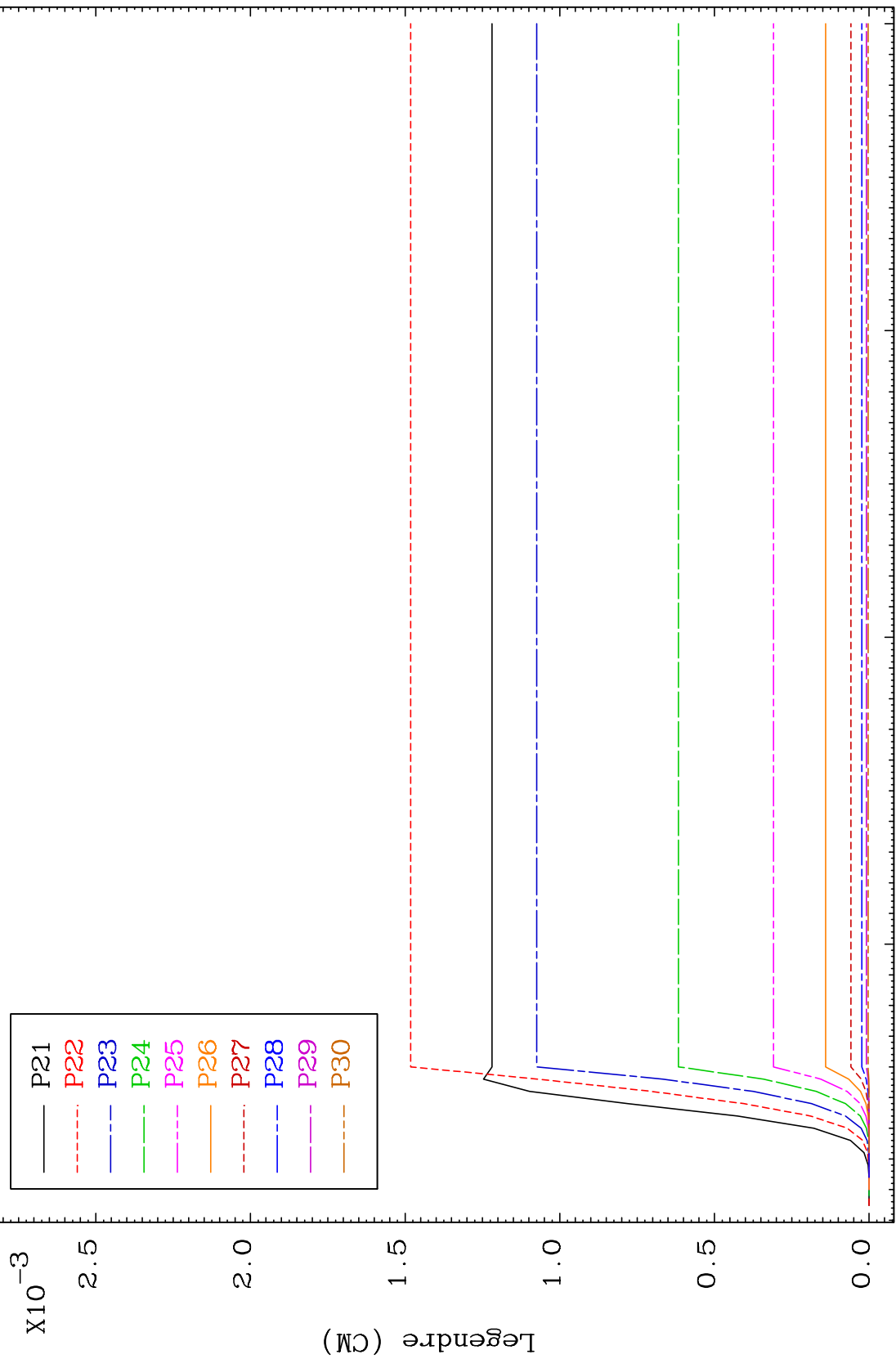
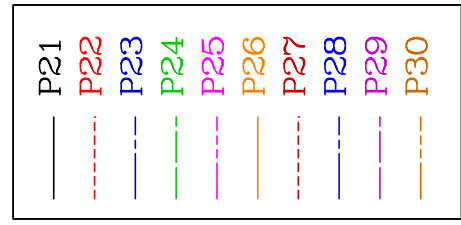
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MAT 8186

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

82-Pb-191



35

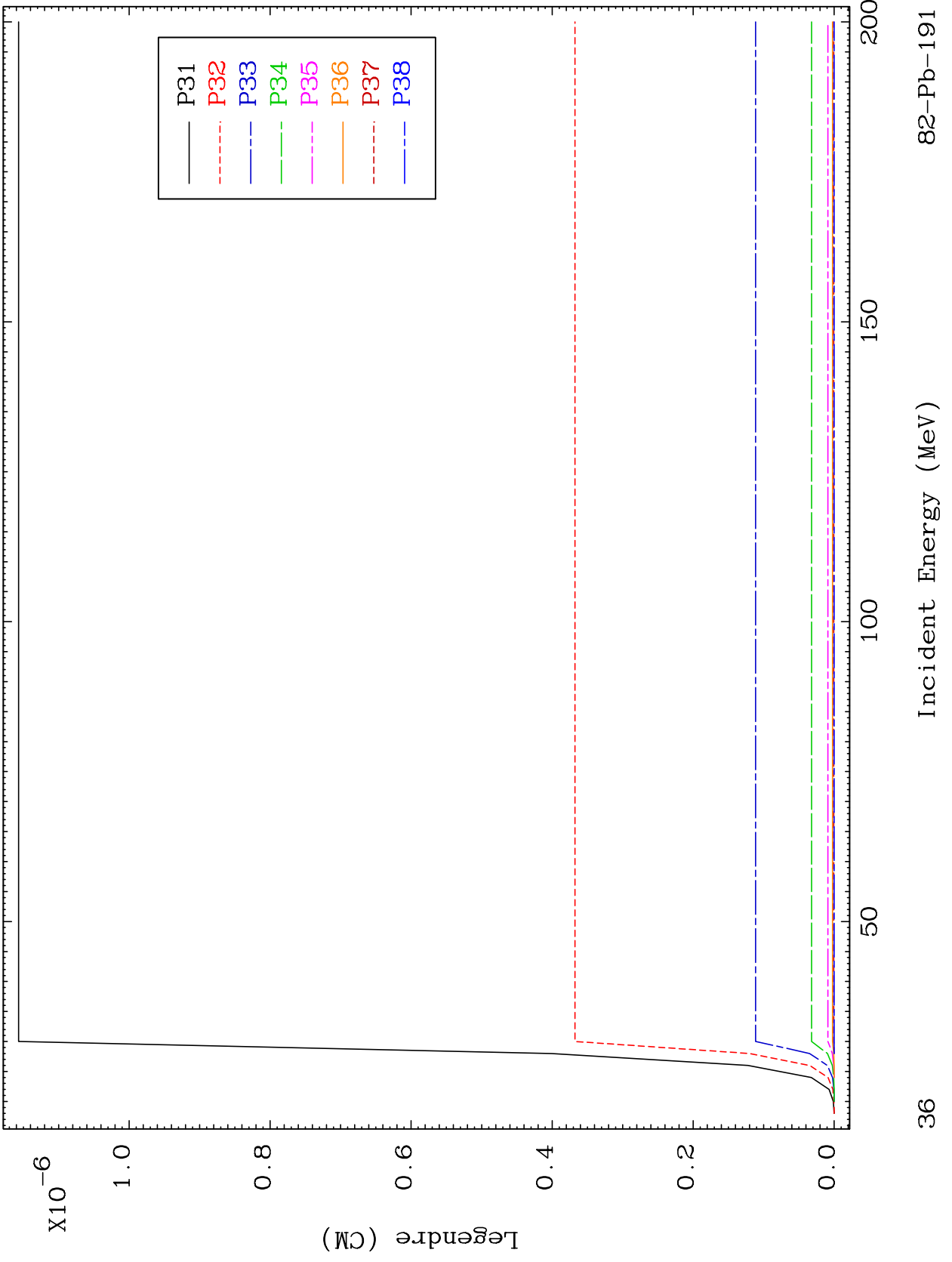
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

82-Pb-191



36

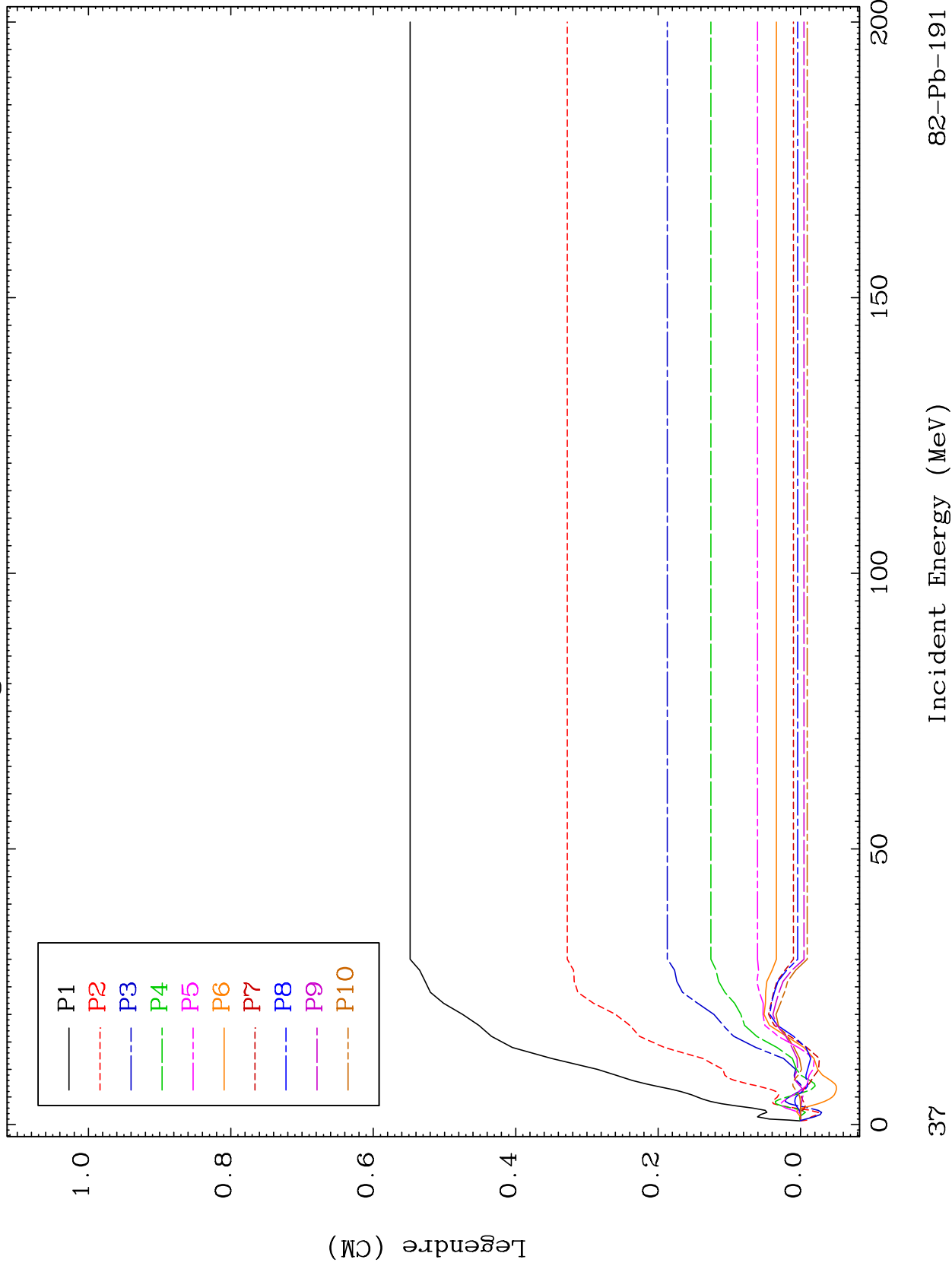
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

82-Pb-191



37

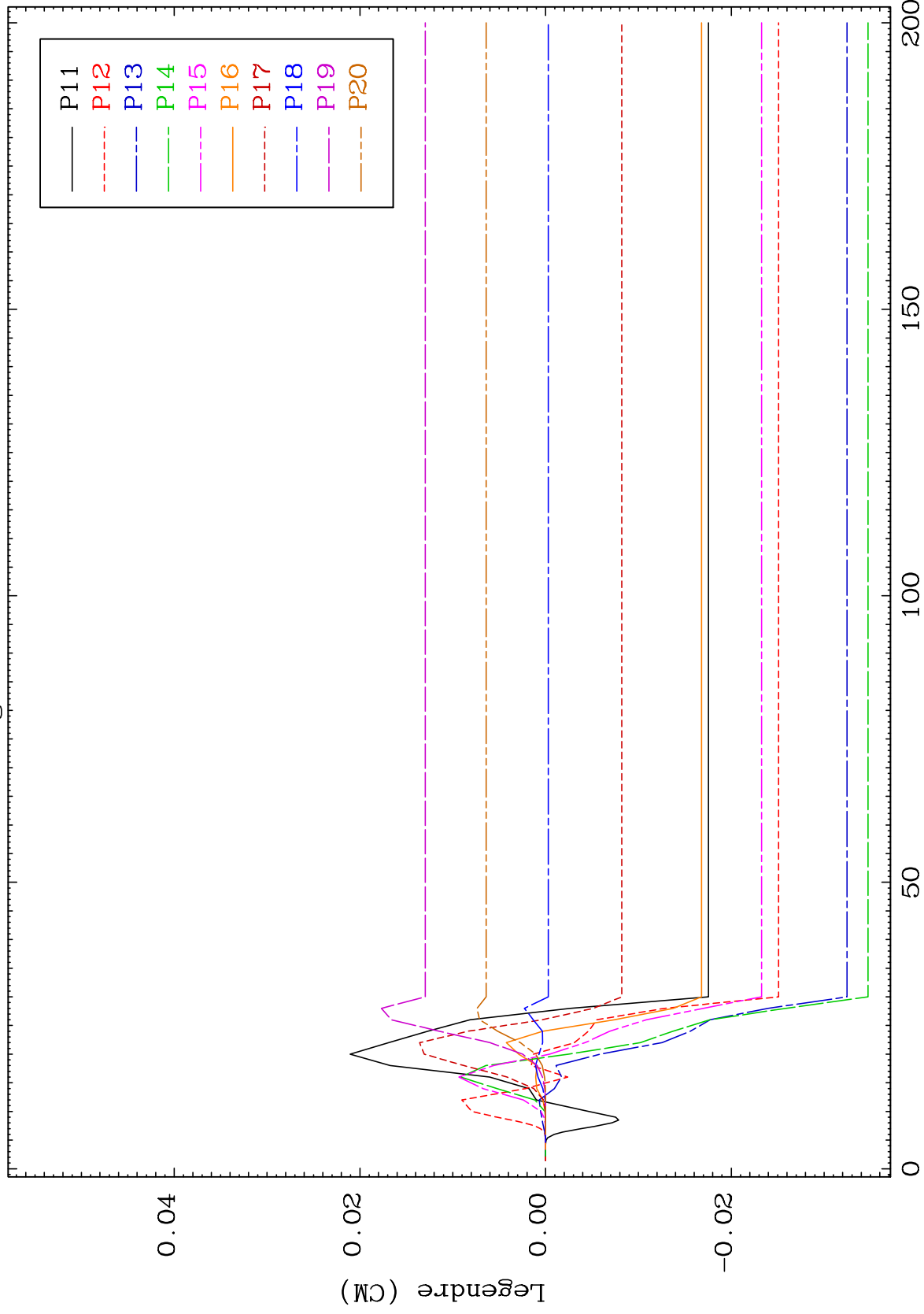
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

82-Pb-191



38

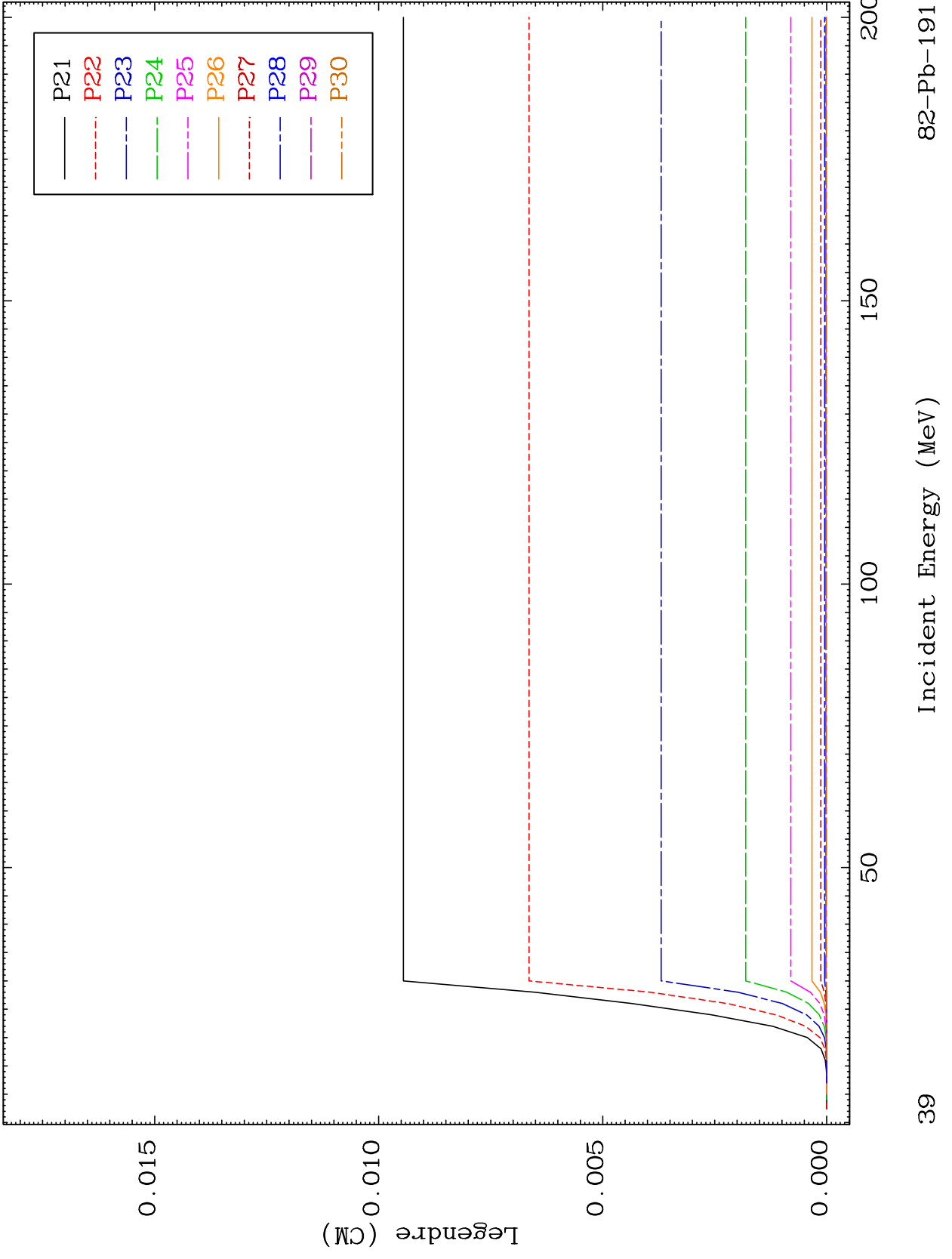
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

82-Pb-191



39

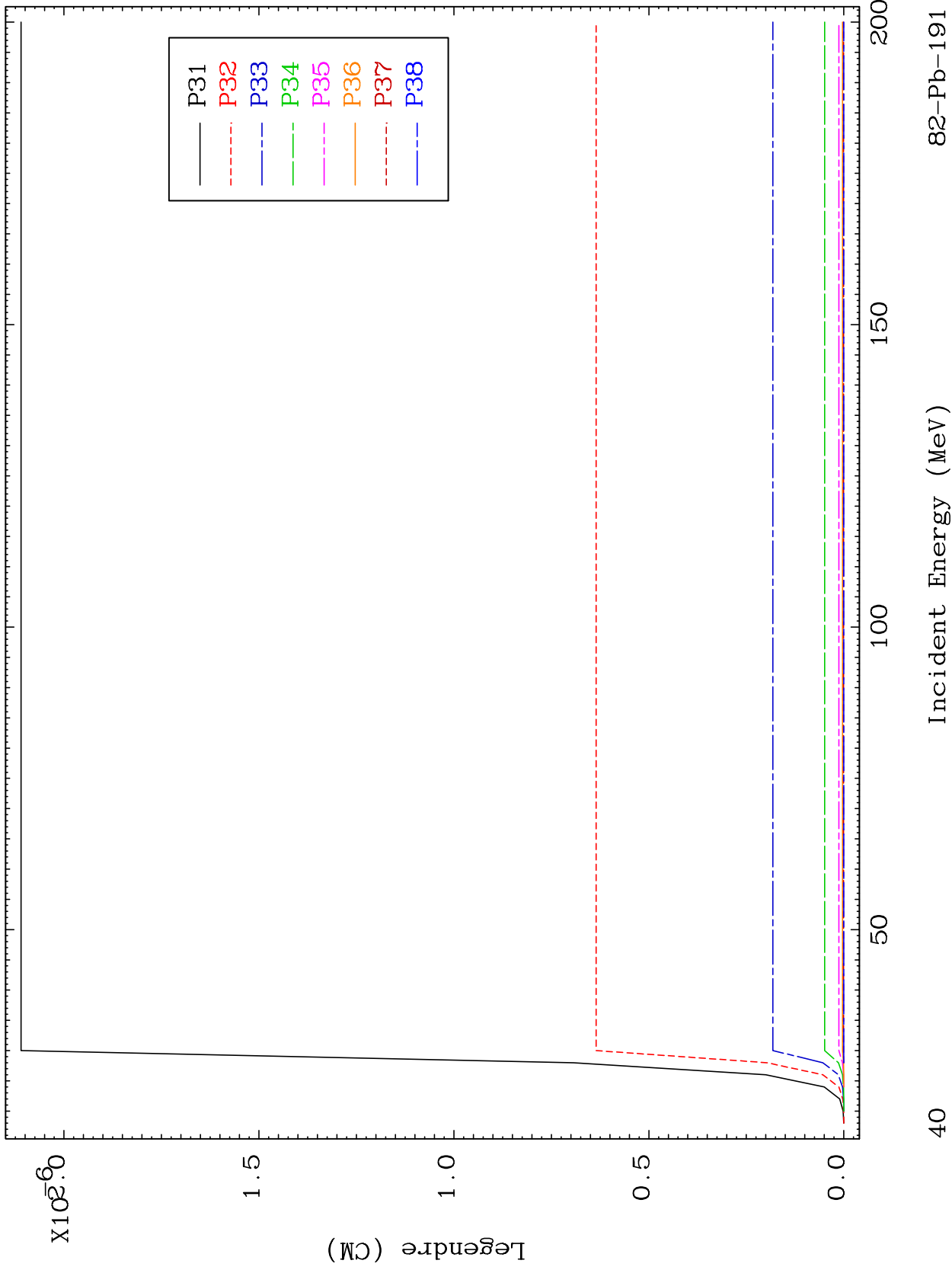
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MAT 8186

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

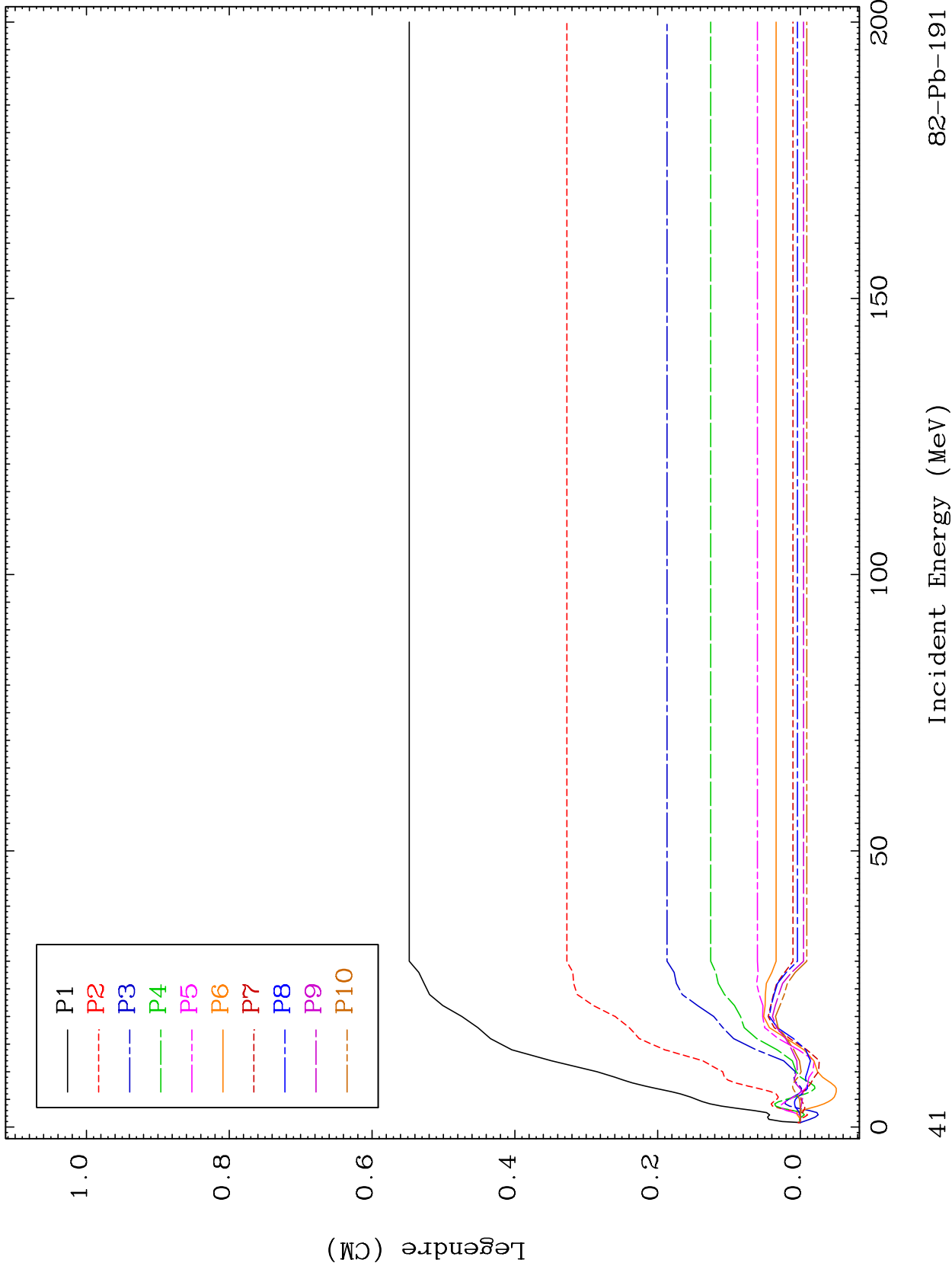
82-Pb-191



MAT 8186

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

82-Pb-191



41

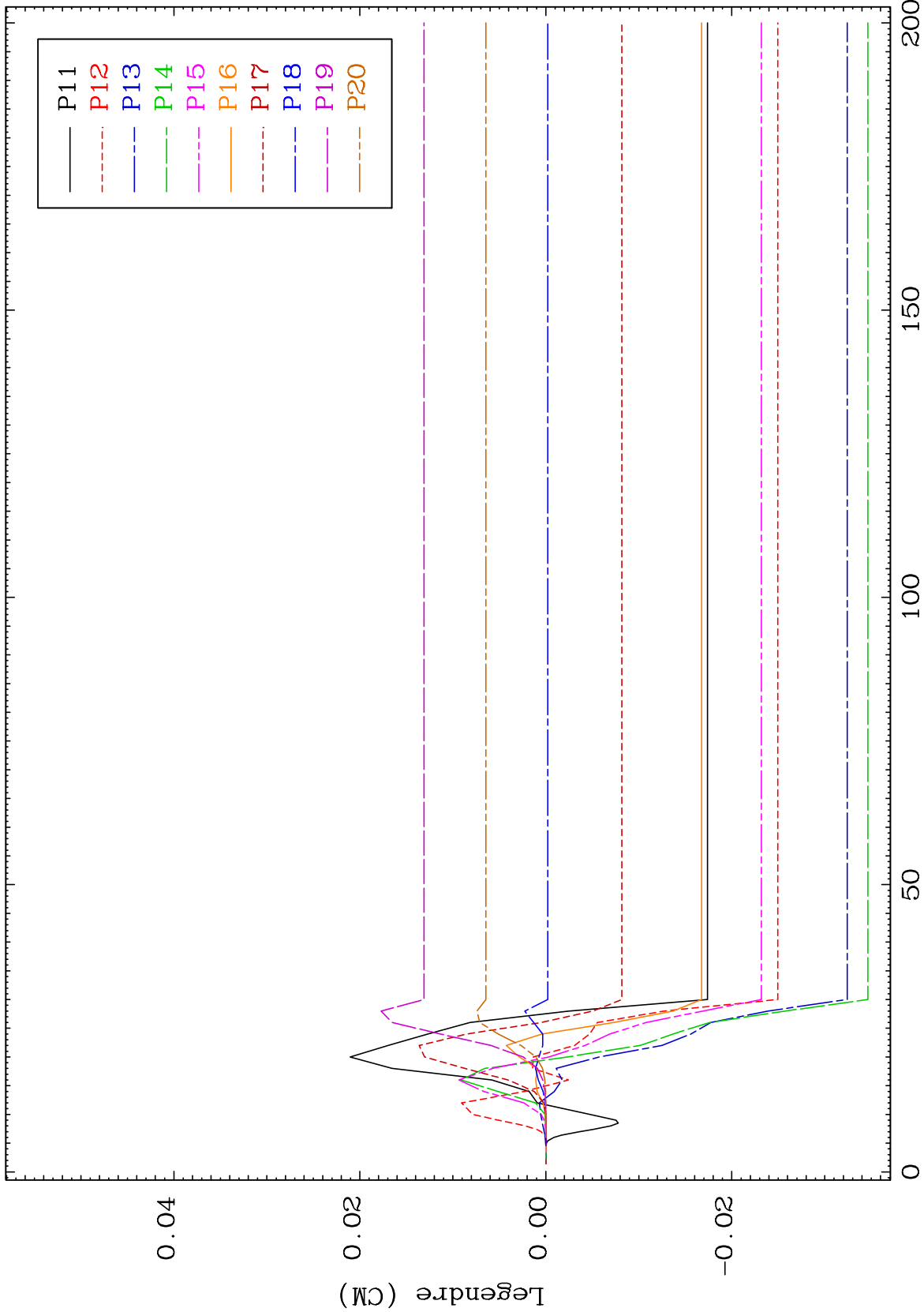
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

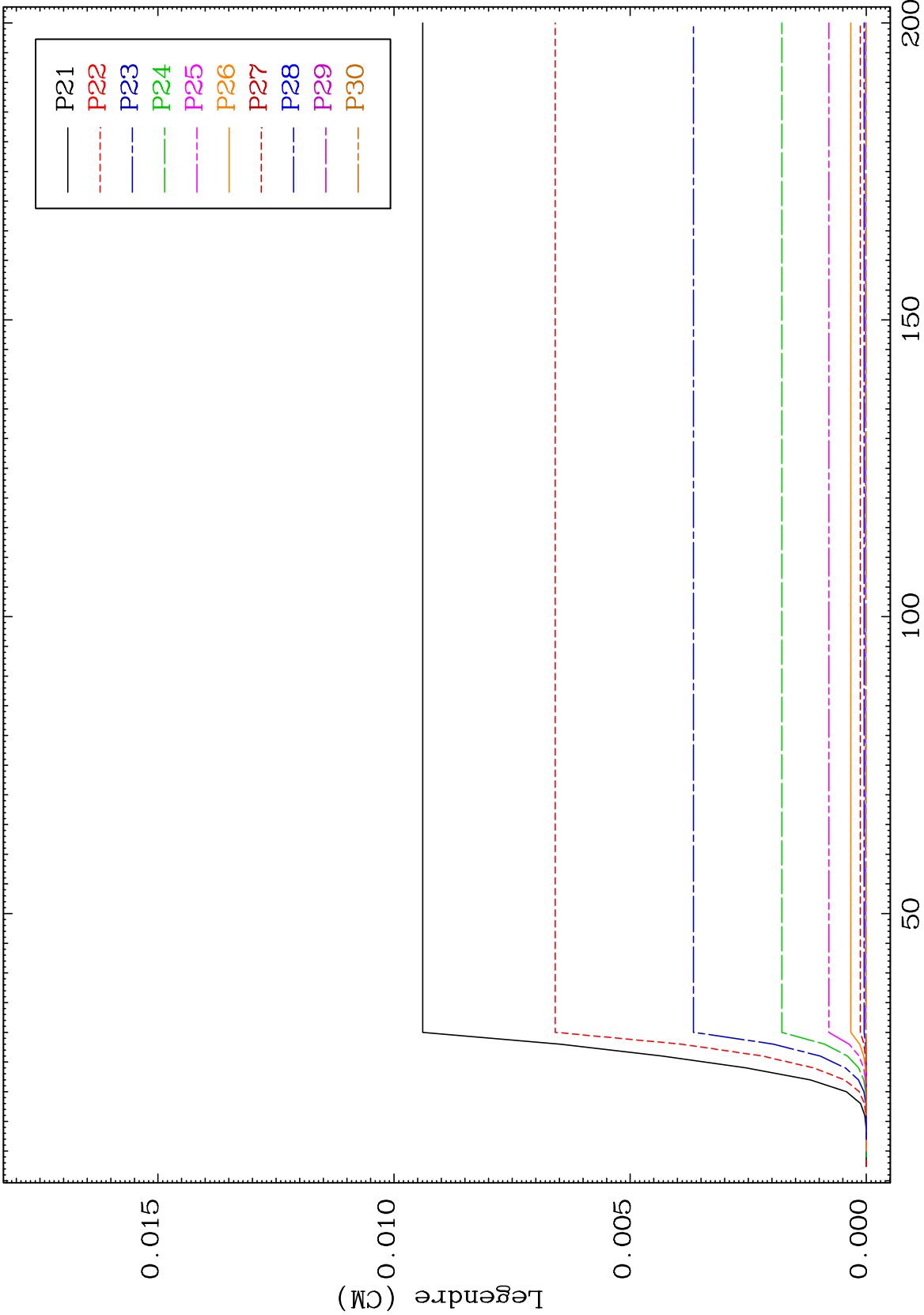
82-Pb-191



MAT 8186

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

82-Pb-191



43

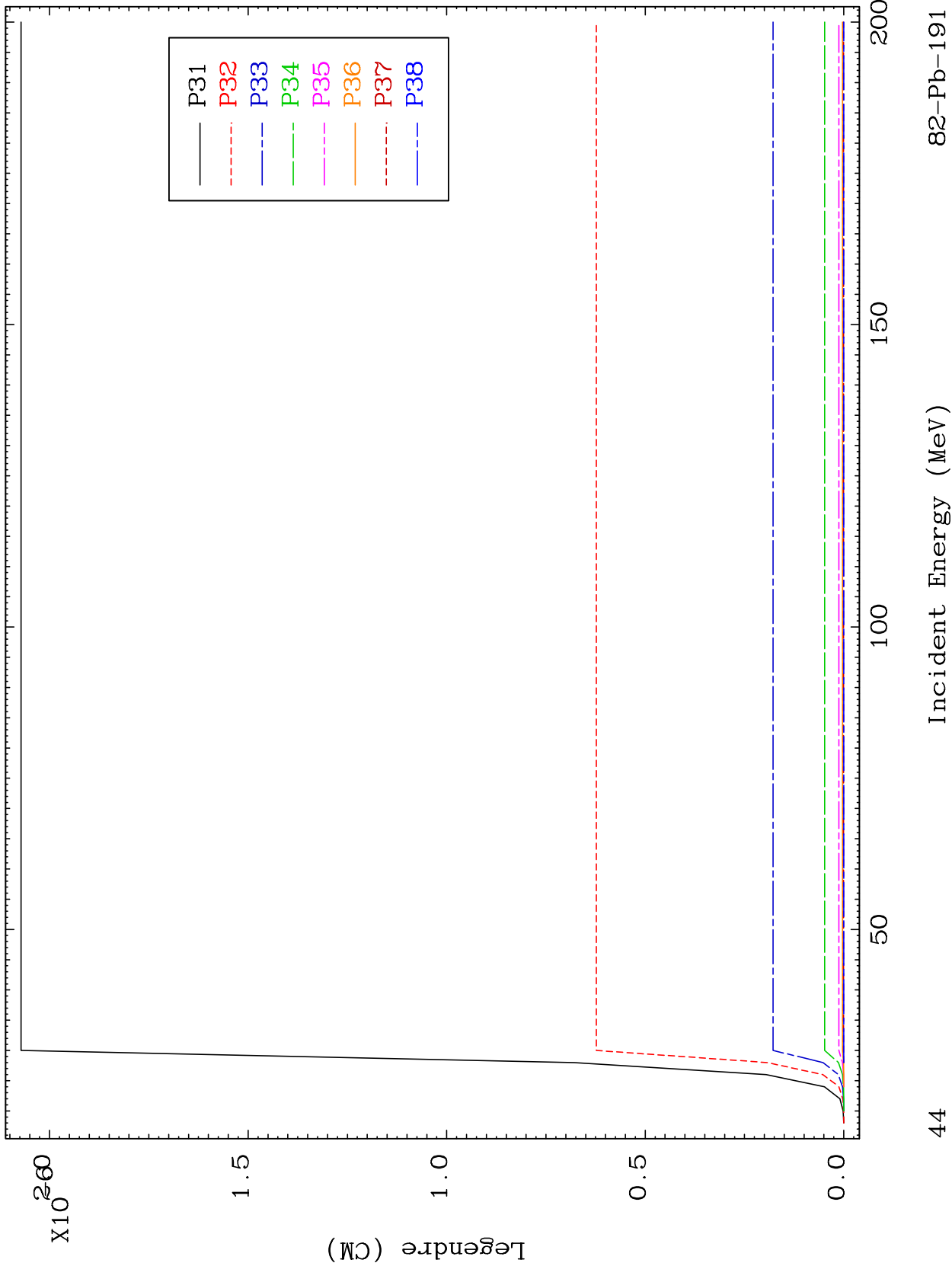
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

82-Pb-191



44

Incident Energy (MeV)

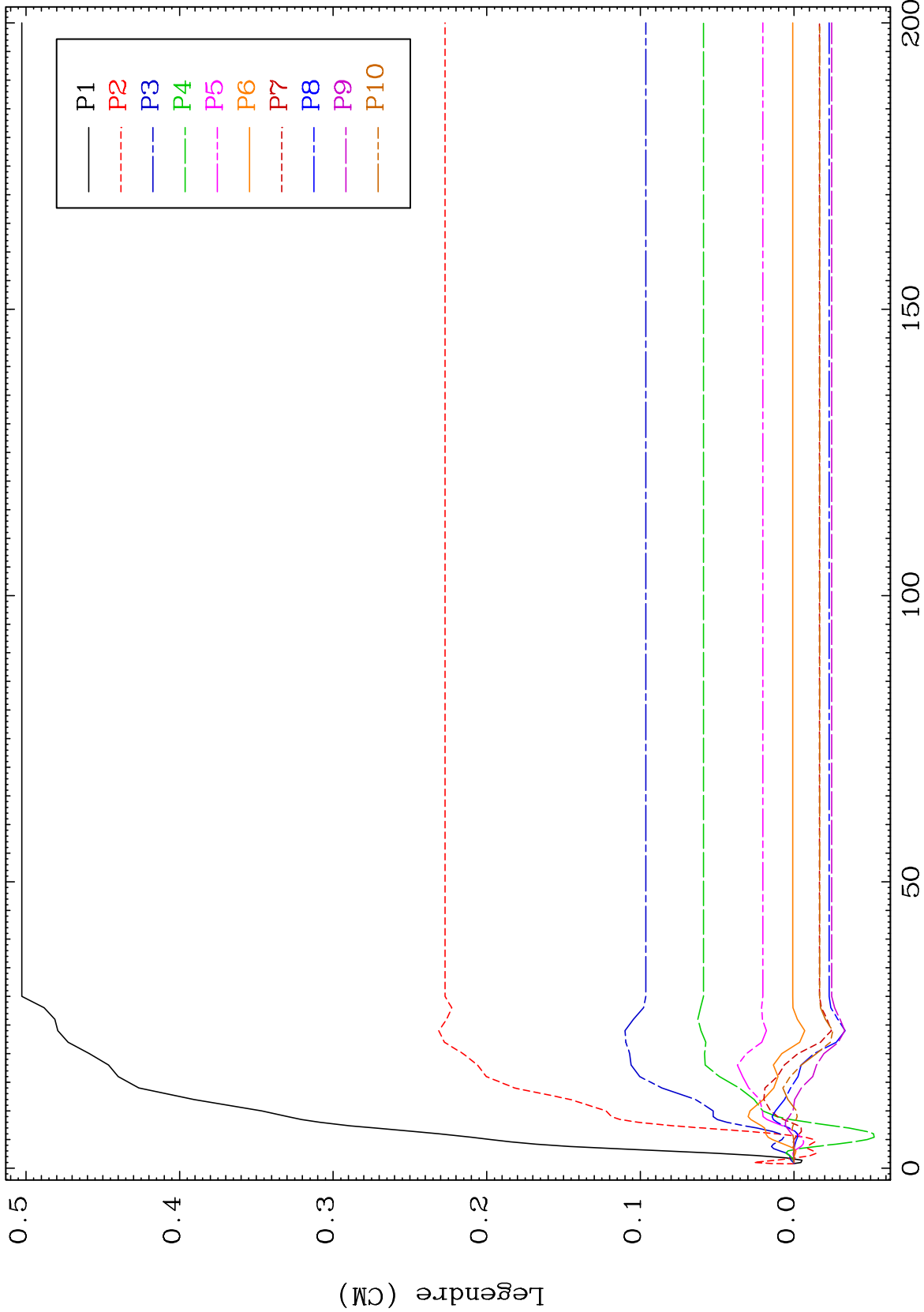
82-Pb-191

MAT 8186

MT= 58 (n,n') Level

82-Pb-191

Legendre Coefficients



82-Pb-191

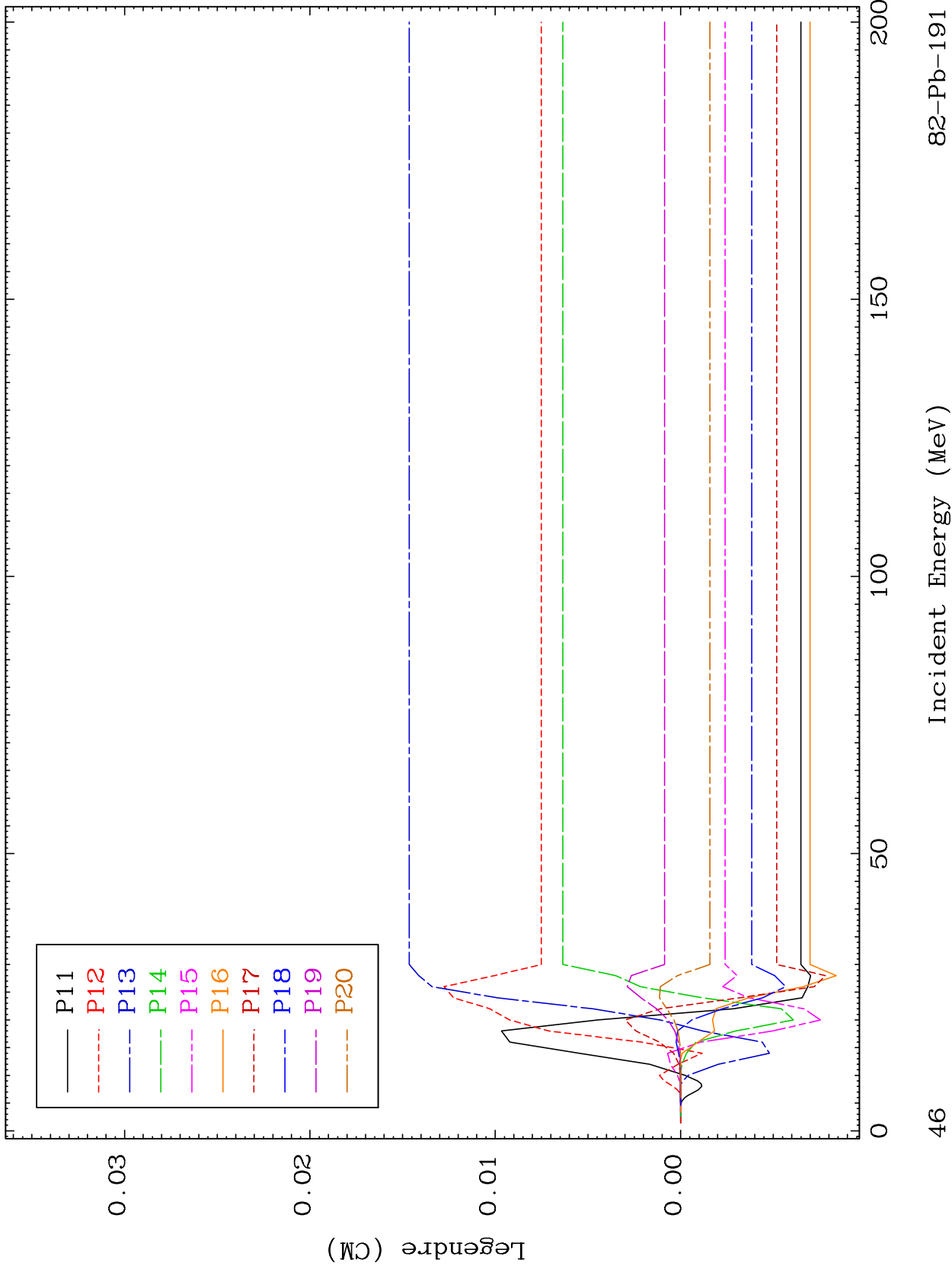
Incident Energy (MeV)

45

MAT 8186

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

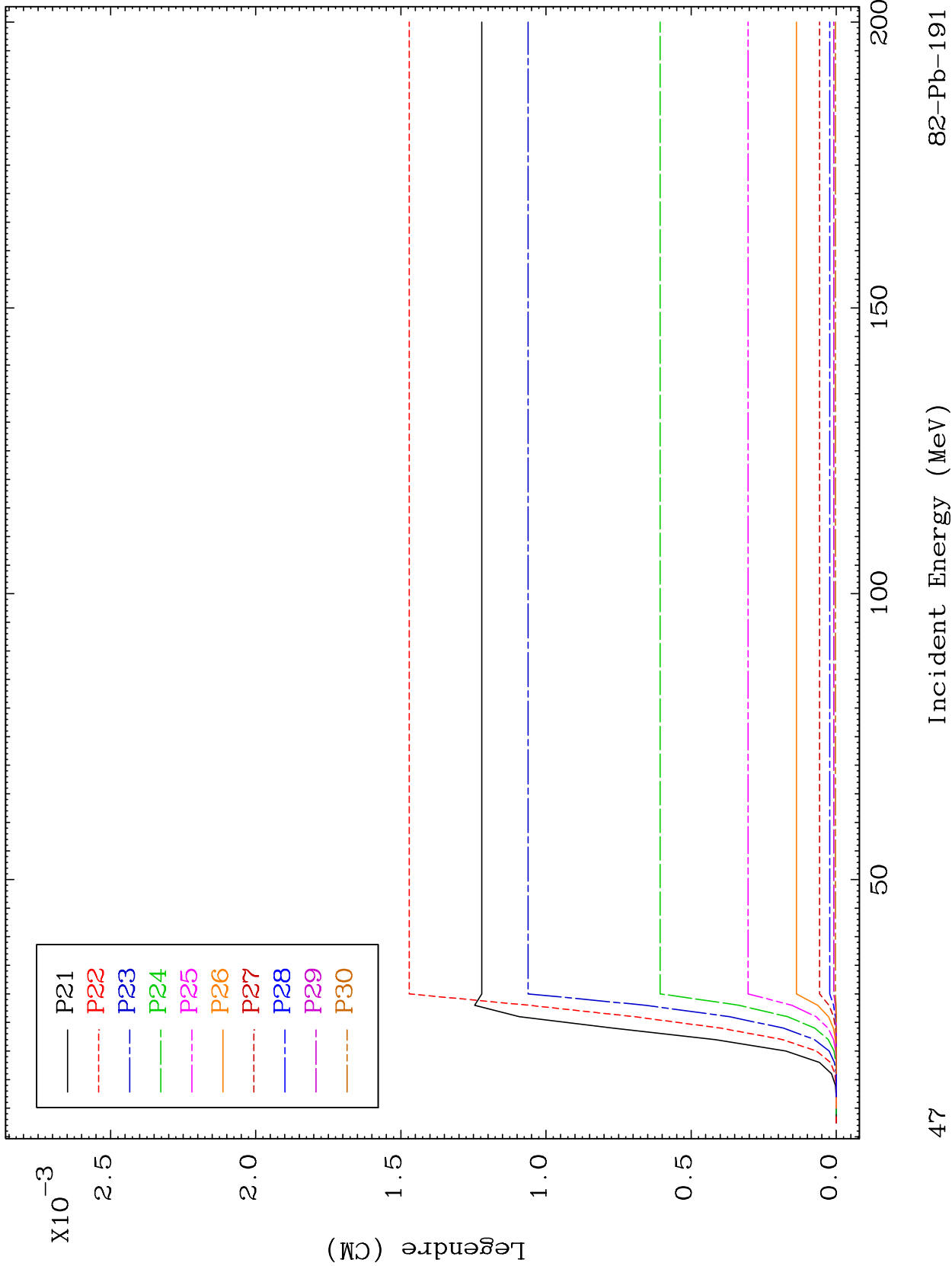
82-Pb-191



46

Incident Energy (MeV)

82-Pb-191

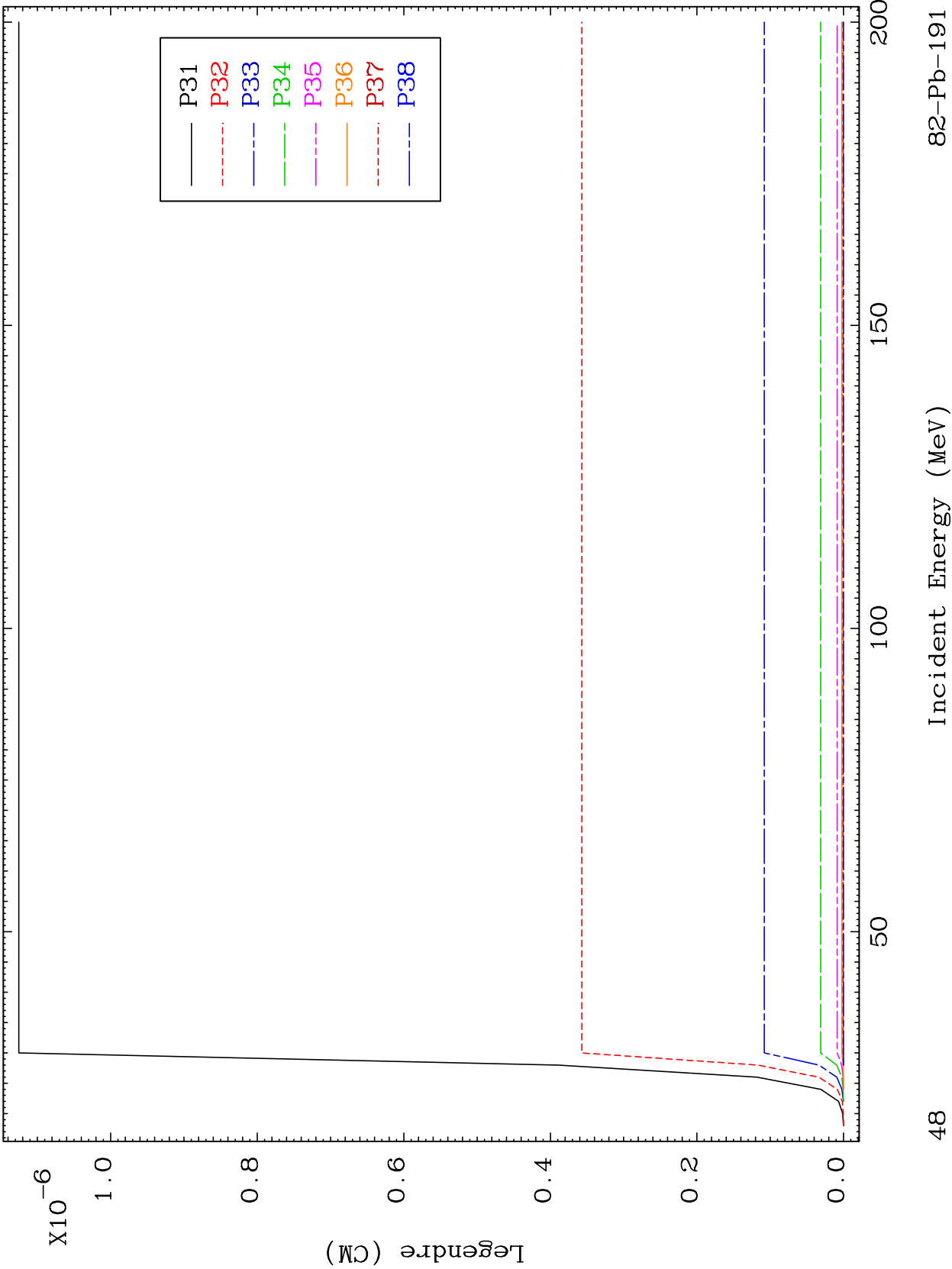




MAT 8186

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

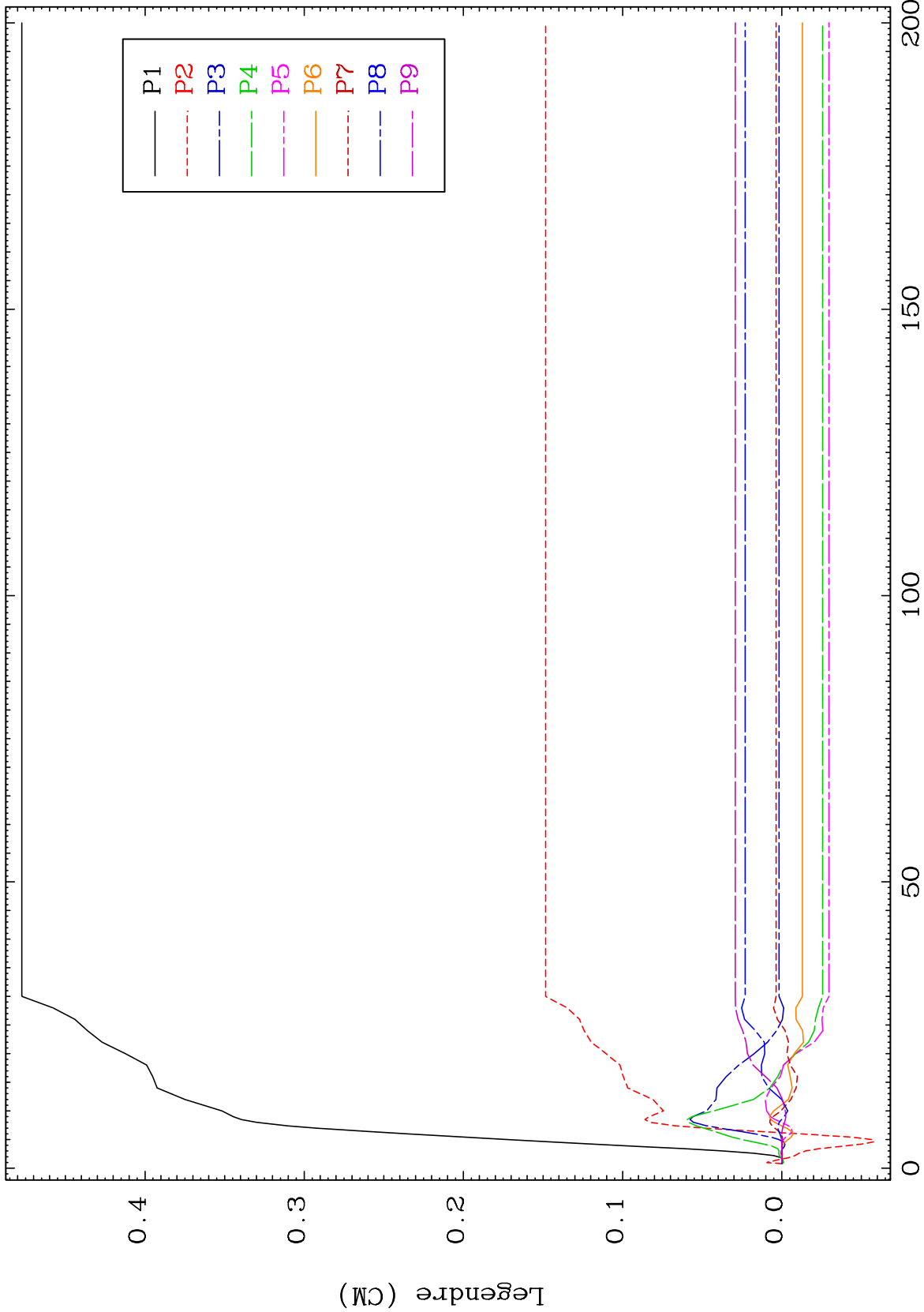
82-Pb-191



MAT 8186

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

82-Pb-191



49

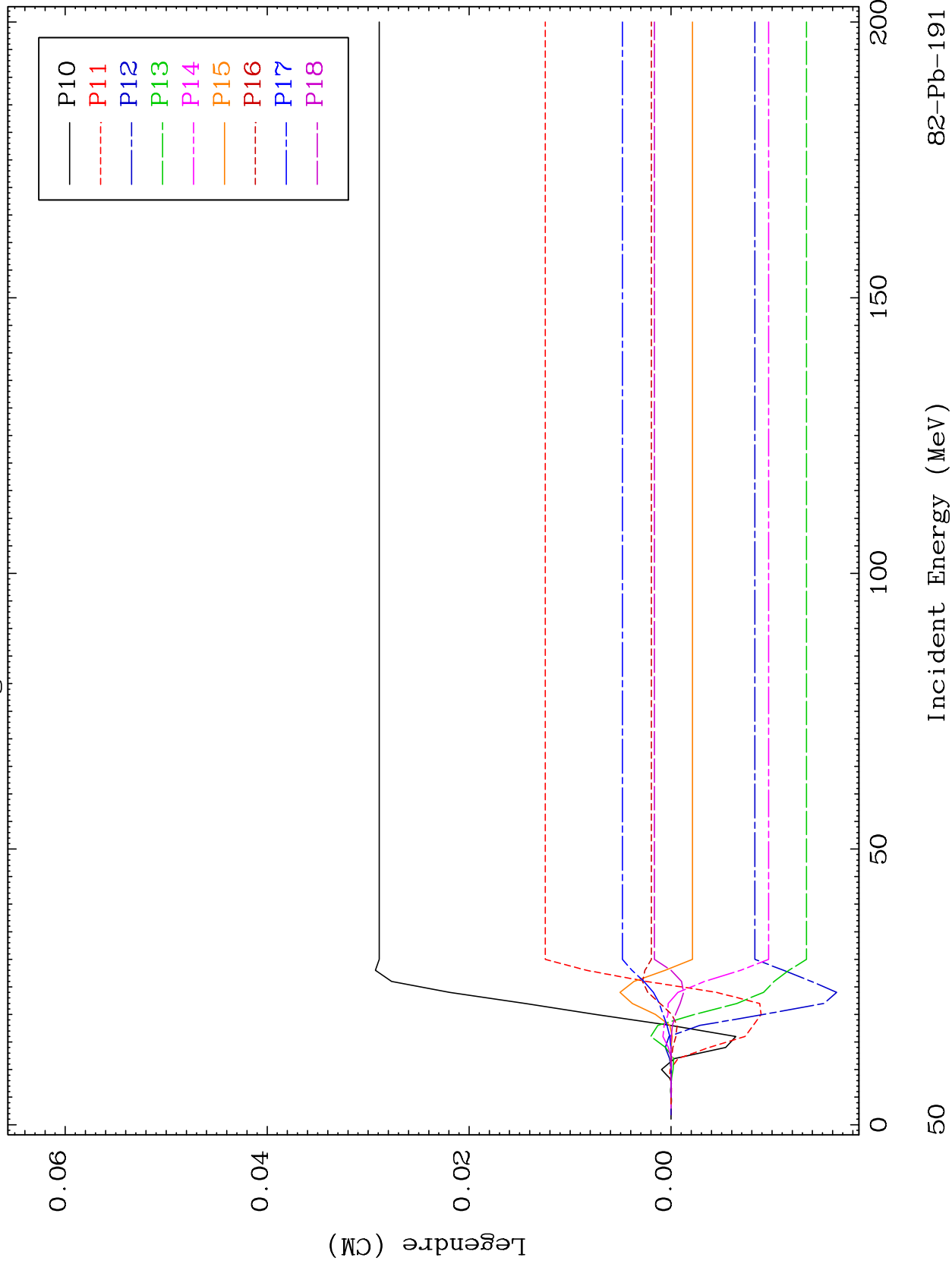
Incident Energy (MeV)

82-Pb-191

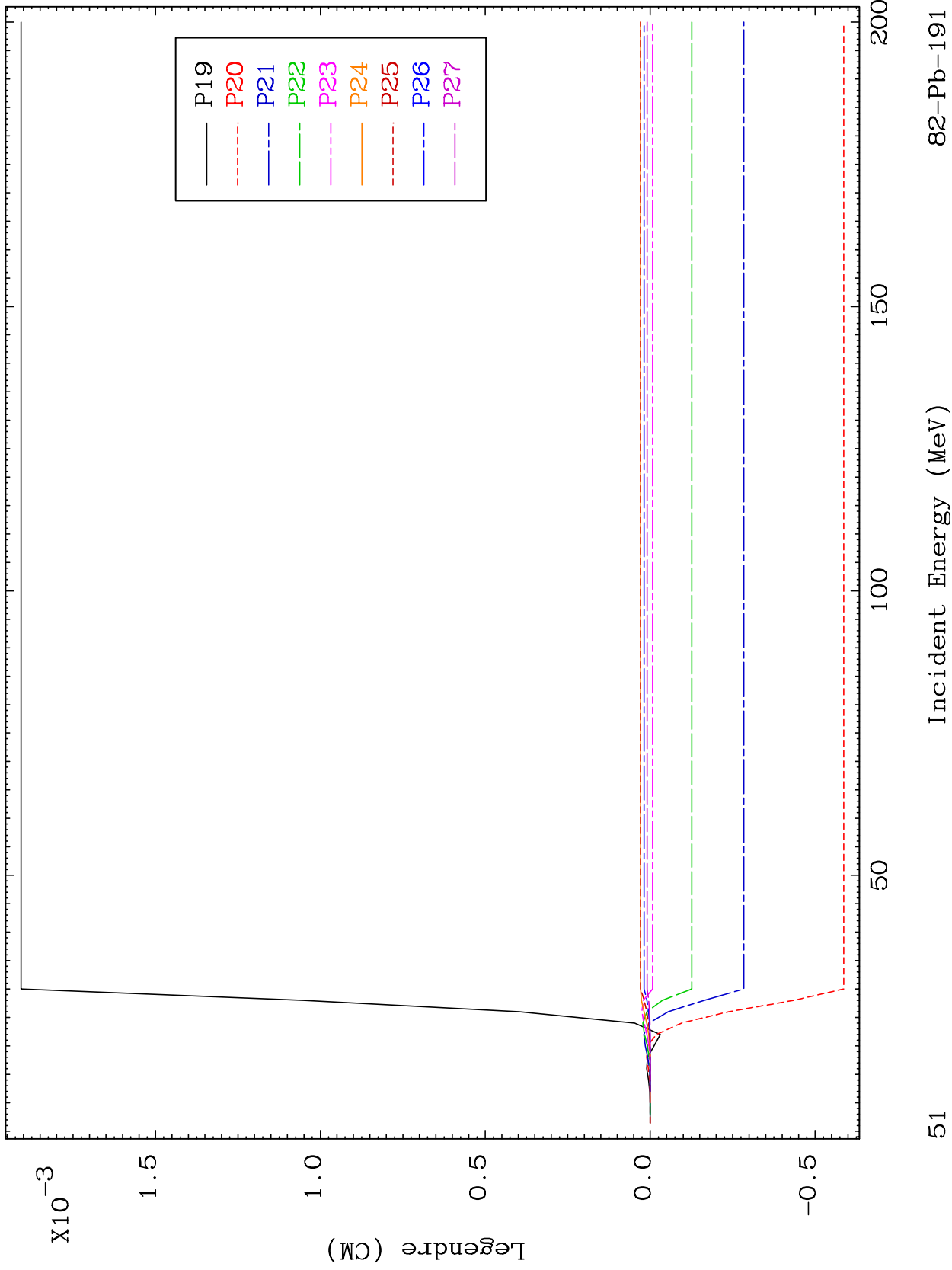
MAT 8186

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

82-Pb-191



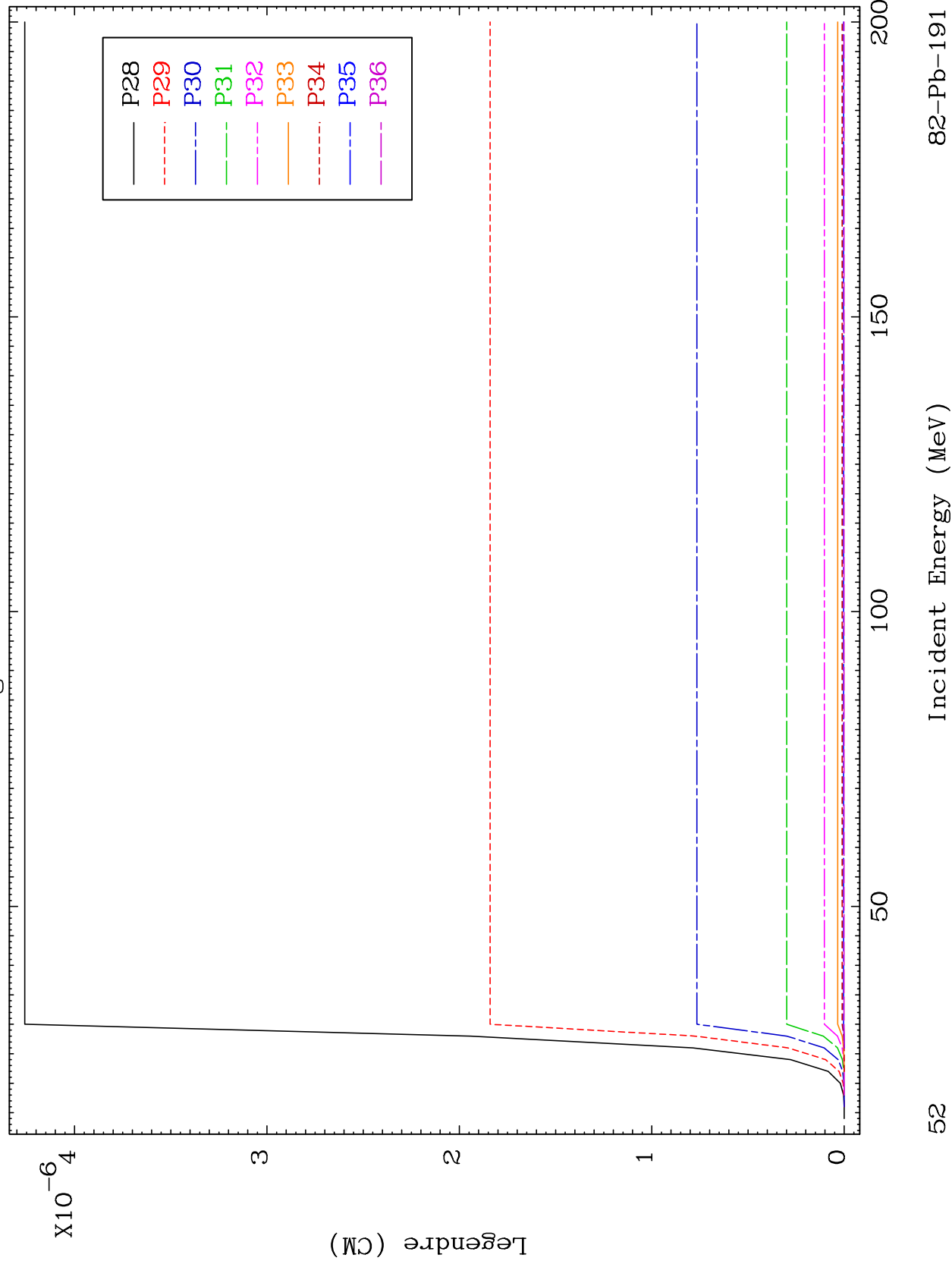
82-Pb-191



MAT 8186

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

82-Pb-191



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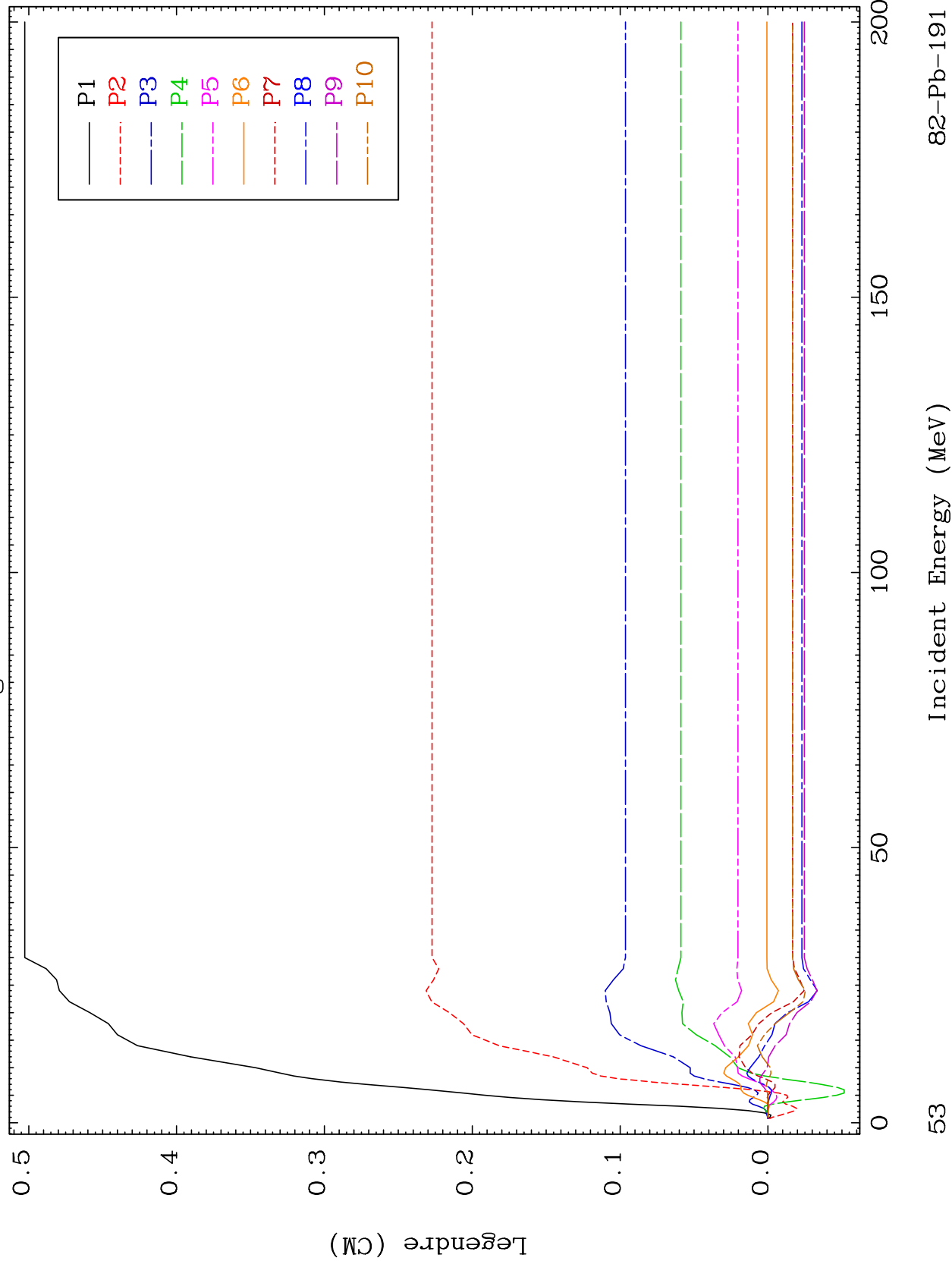
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

82-Pb-191



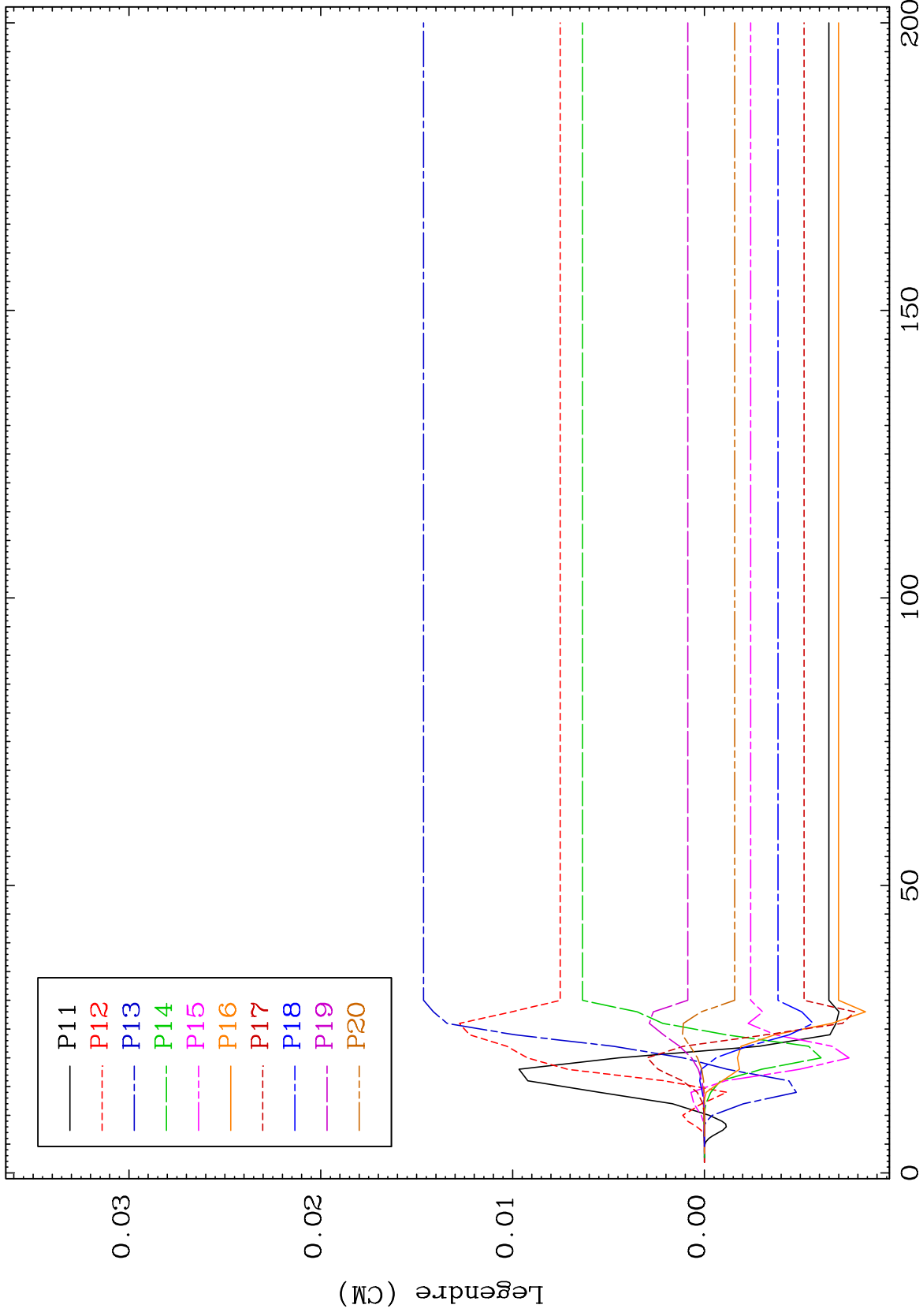
53

82-Pb-191

MAT 8186

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

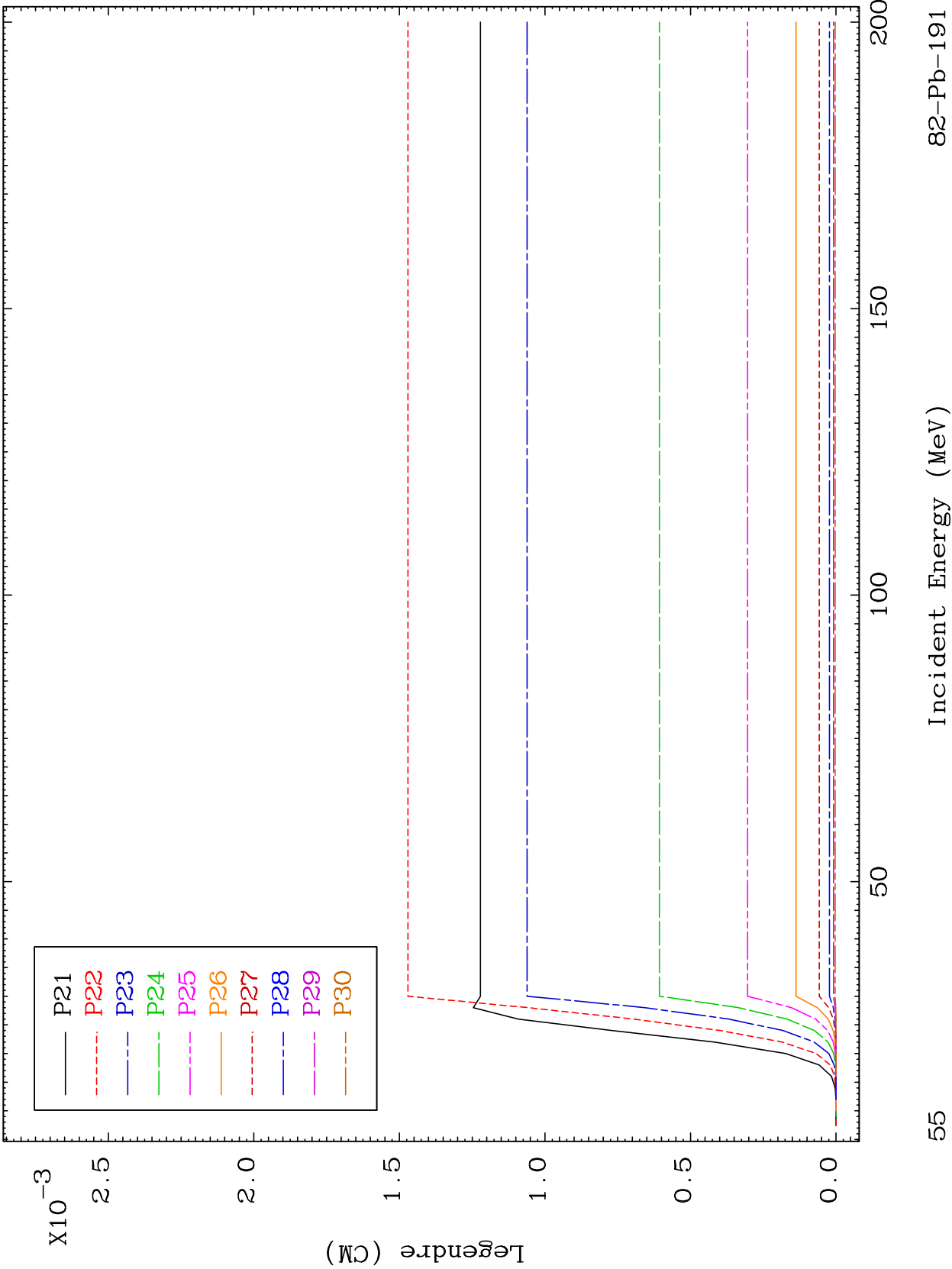
82-Pb-191



54

Incident Energy (MeV)

82-Pb-191

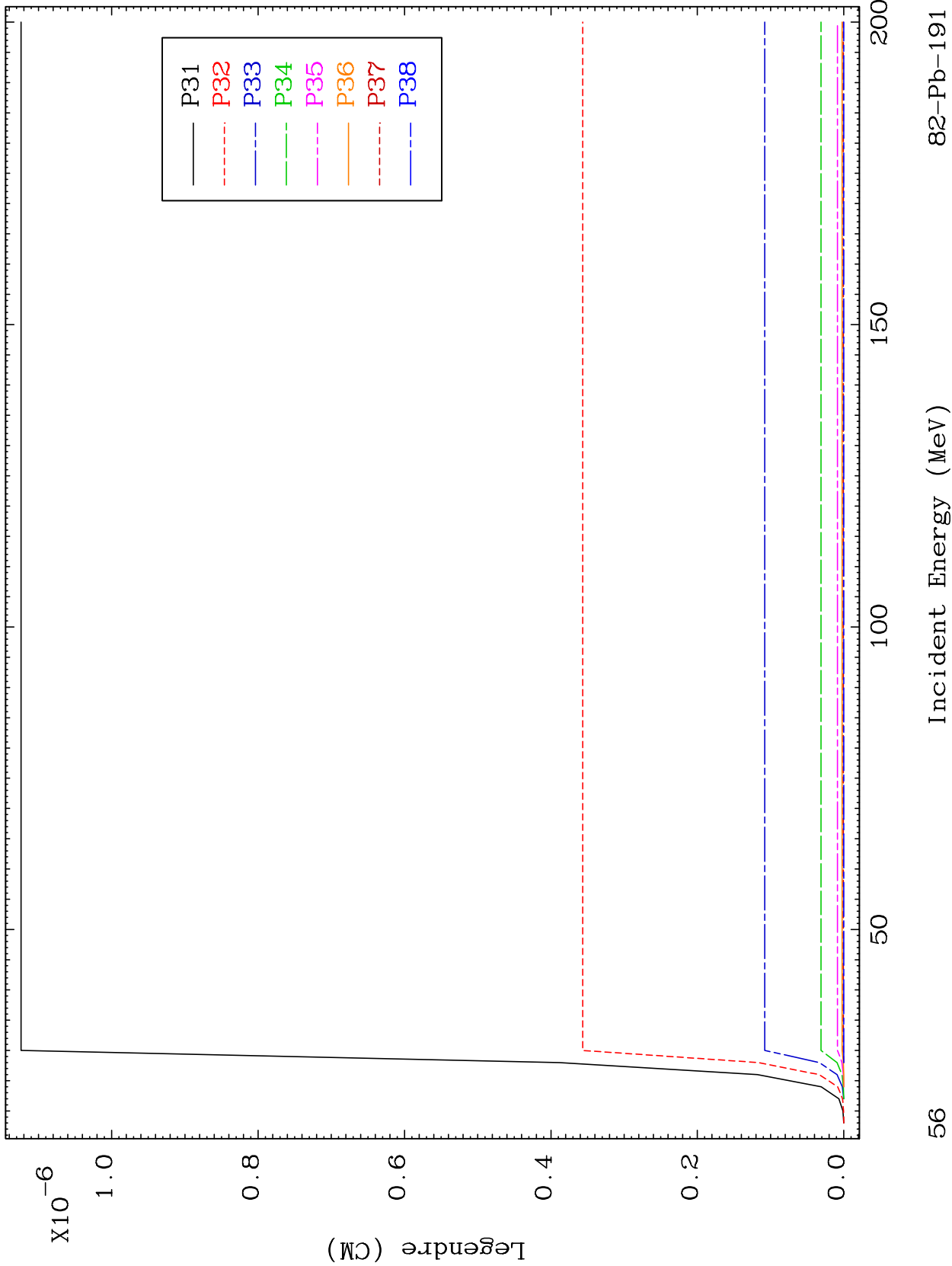




MAT 8186

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

82-Pb-191



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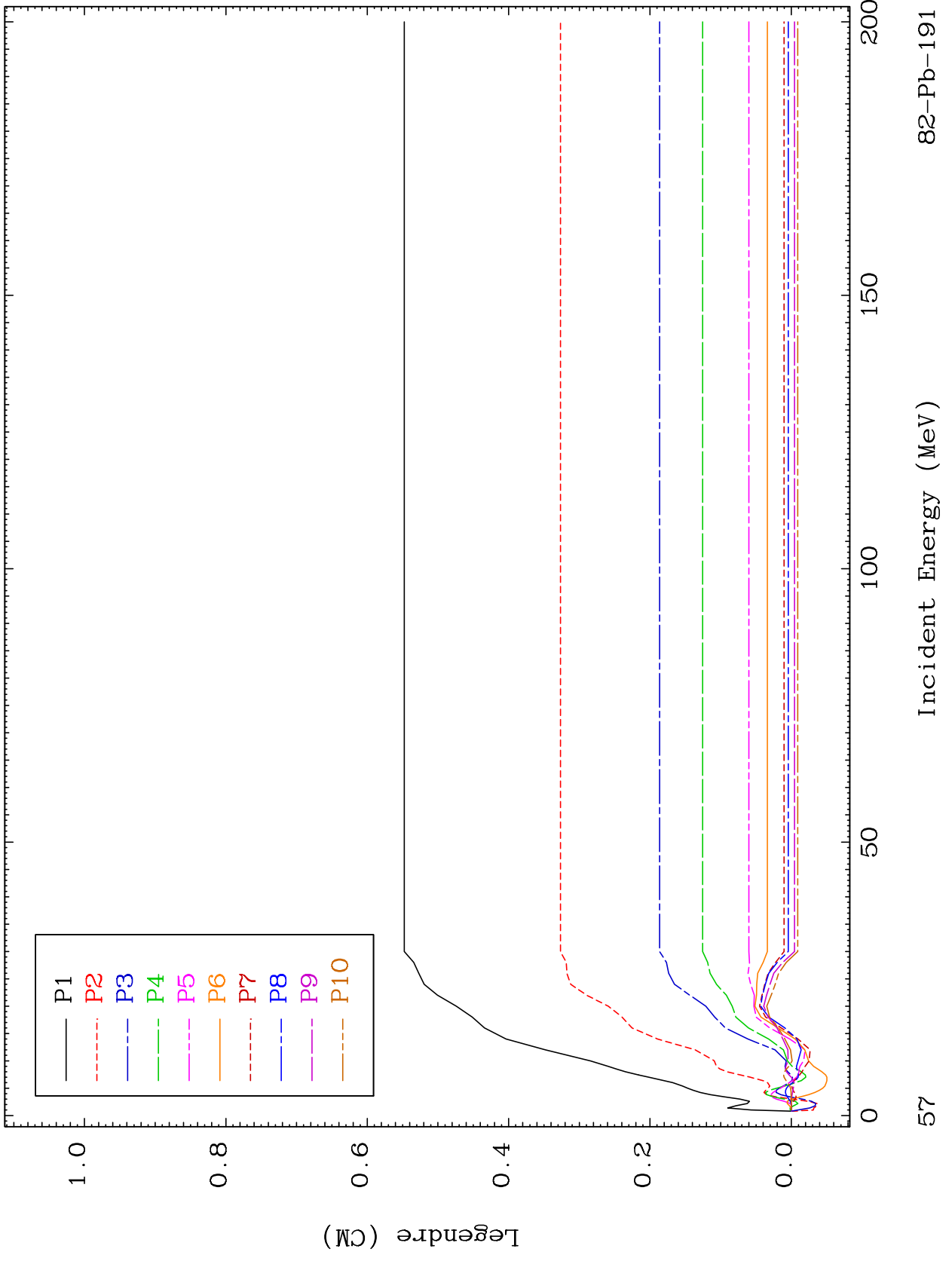
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

82-Pb-191



57

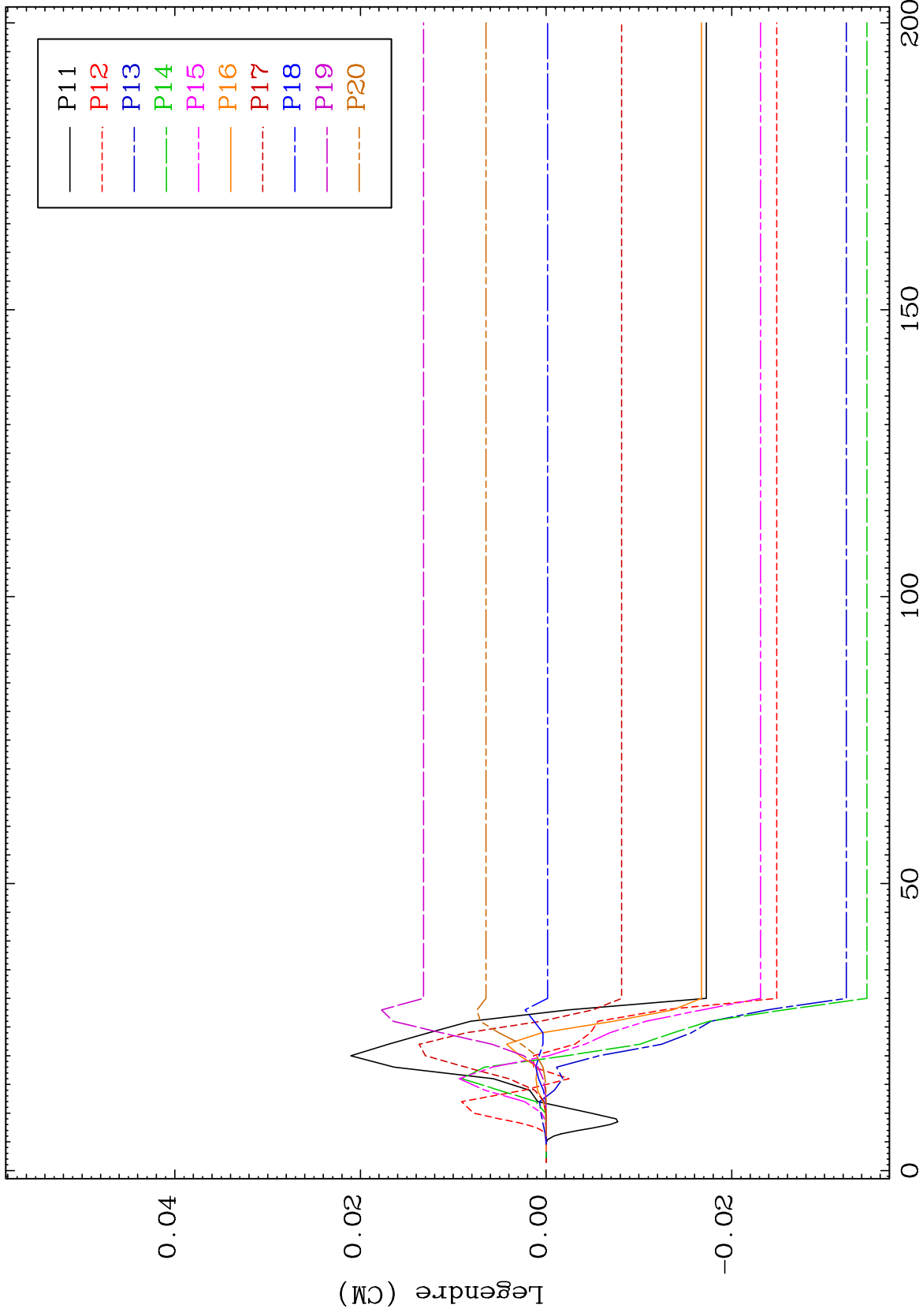
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

82-Pb-191



58

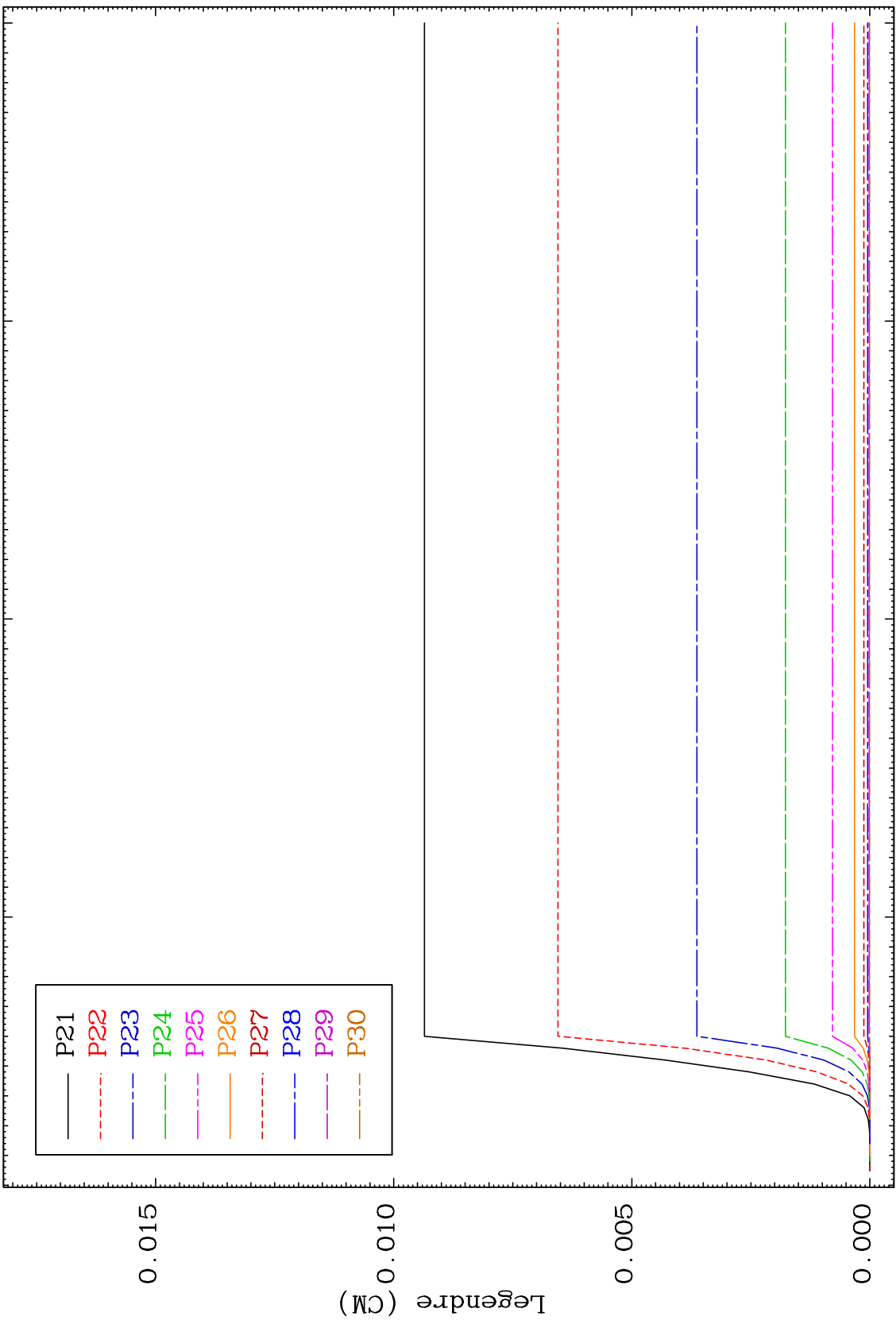
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

82-Pb-191



59

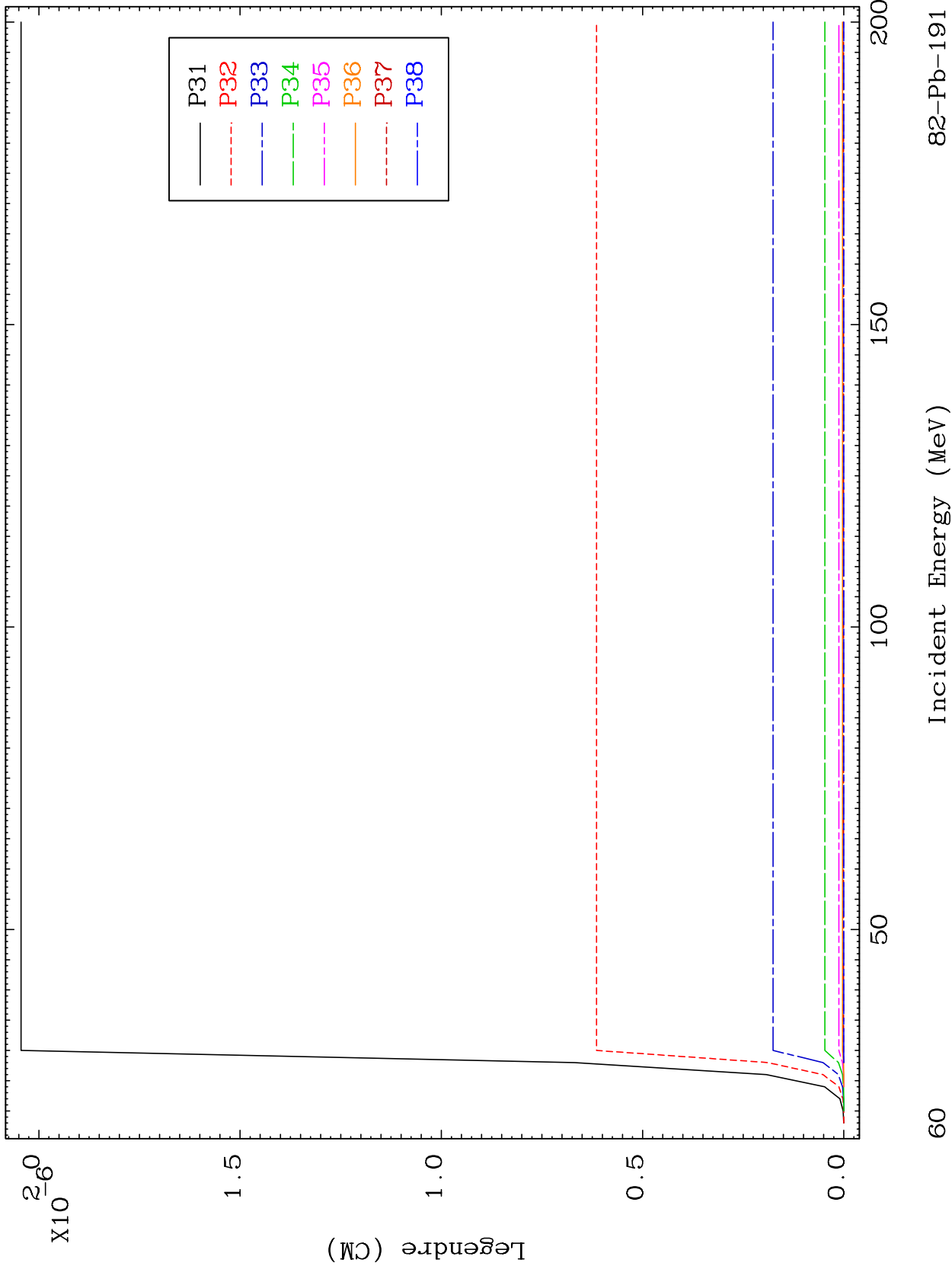
Incident Energy (MeV)

82-Pb-191

MAT 8186

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

82-Pb-191

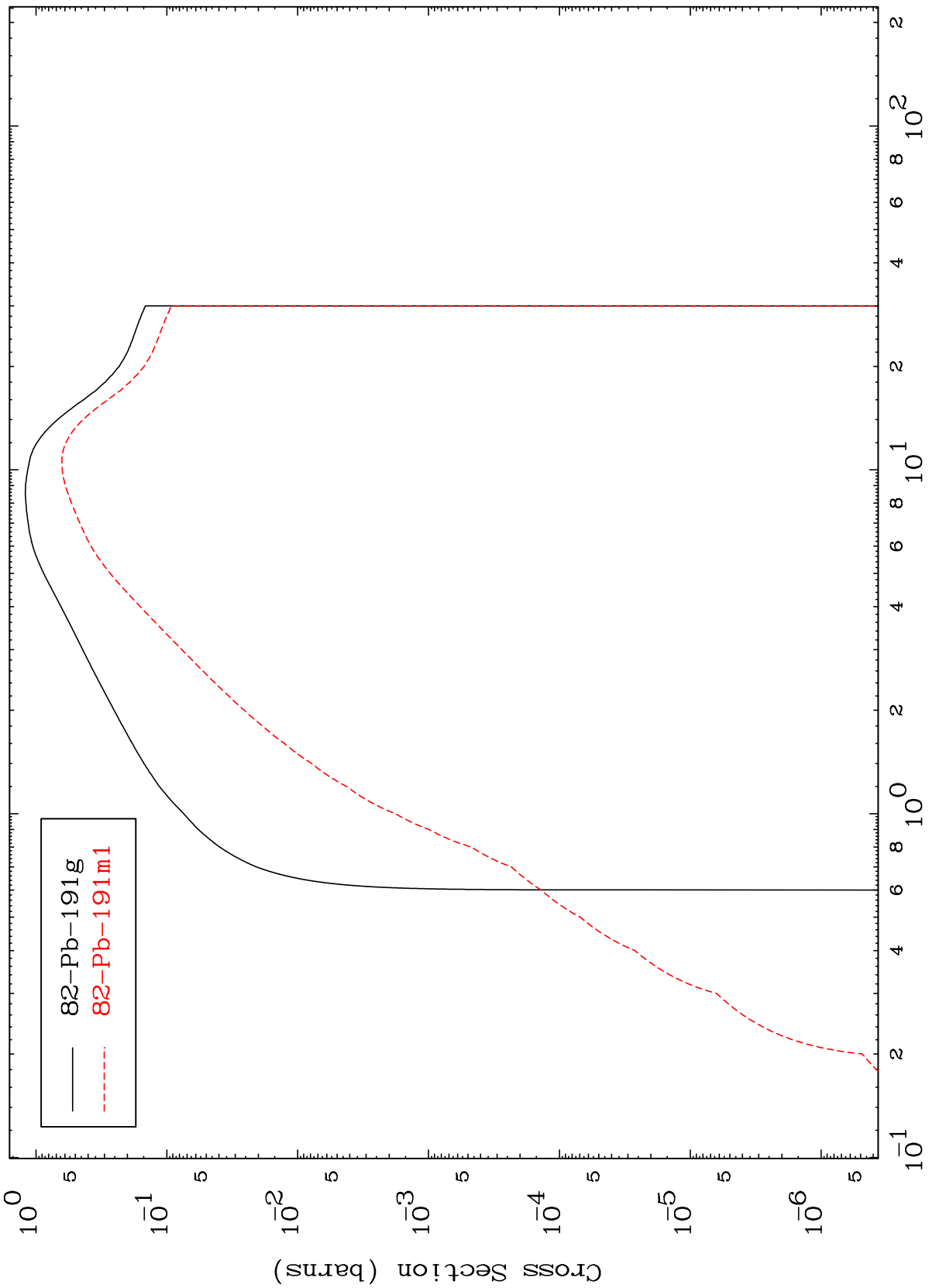


82-Pb-191

MAT 8186

82-Pb-191

Inelastic  
Radionuclide Production Cross Section



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

82-Pb-191

Incident Energy (MeV)

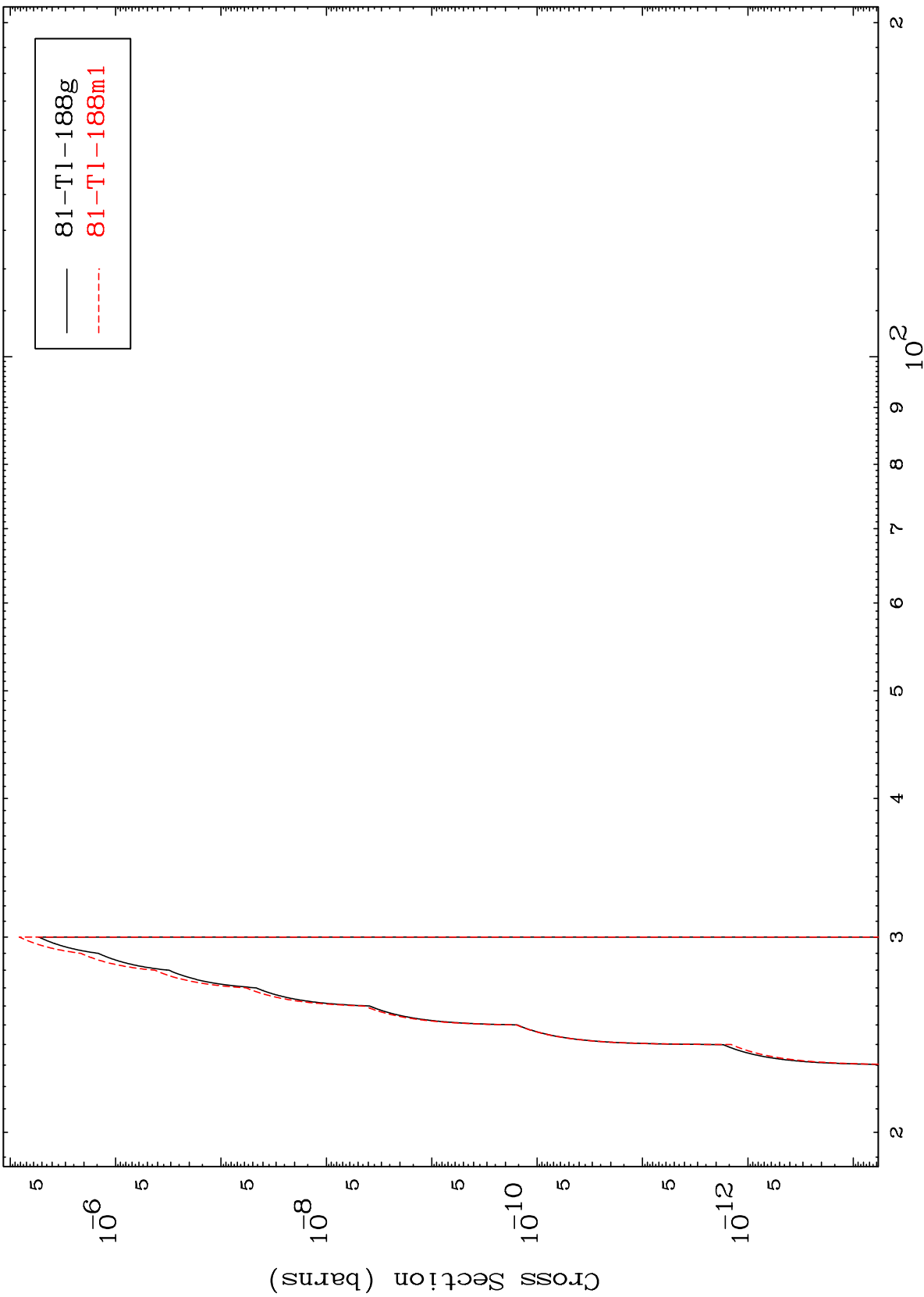
61

MAT 8186

(n,2n) d

82-Pb-191

Radionuclide Production Cross Section

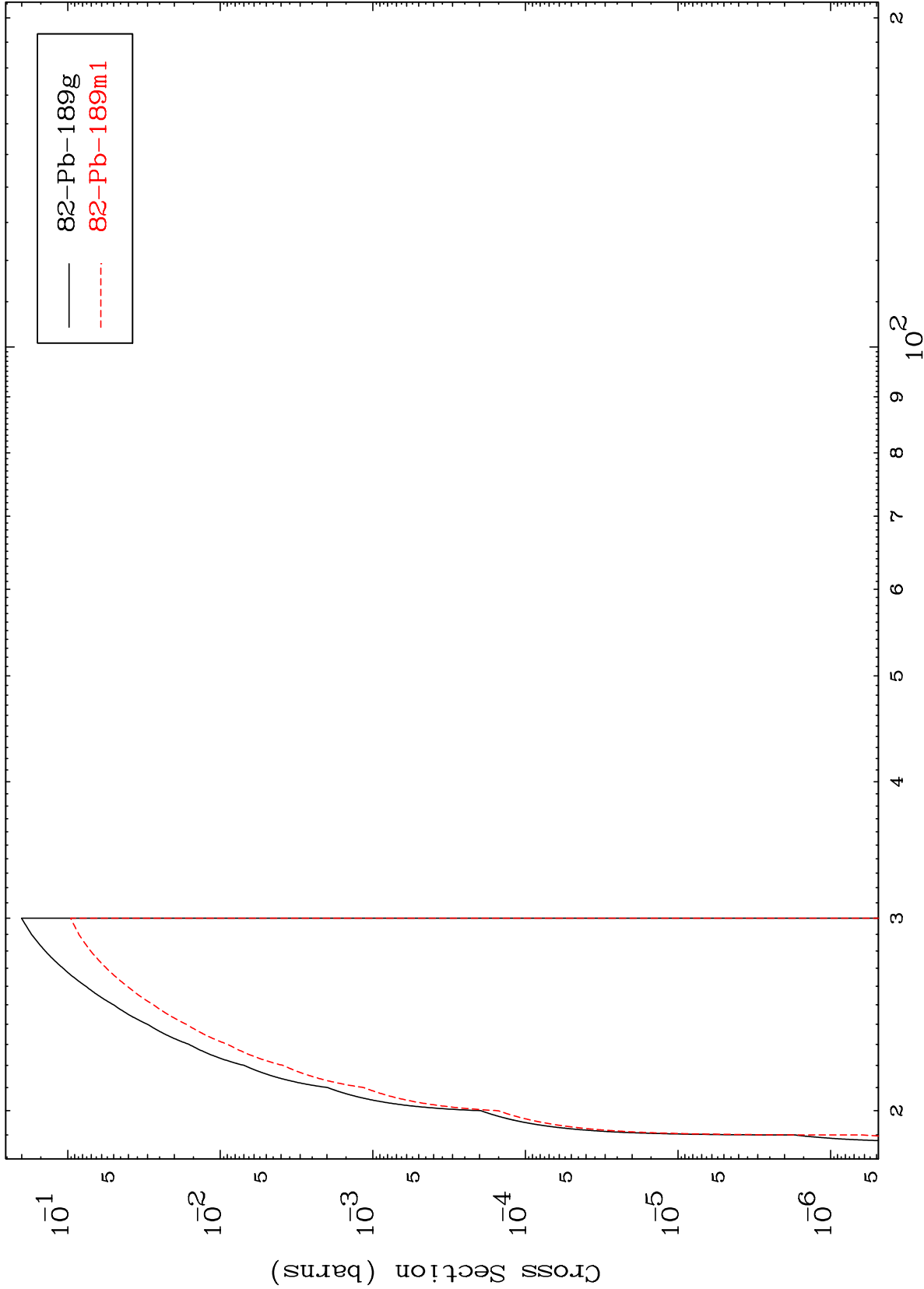


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Incident Energy (MeV)

82-Pb-191

(n,3n)  
Radionuclide Production Cross Section

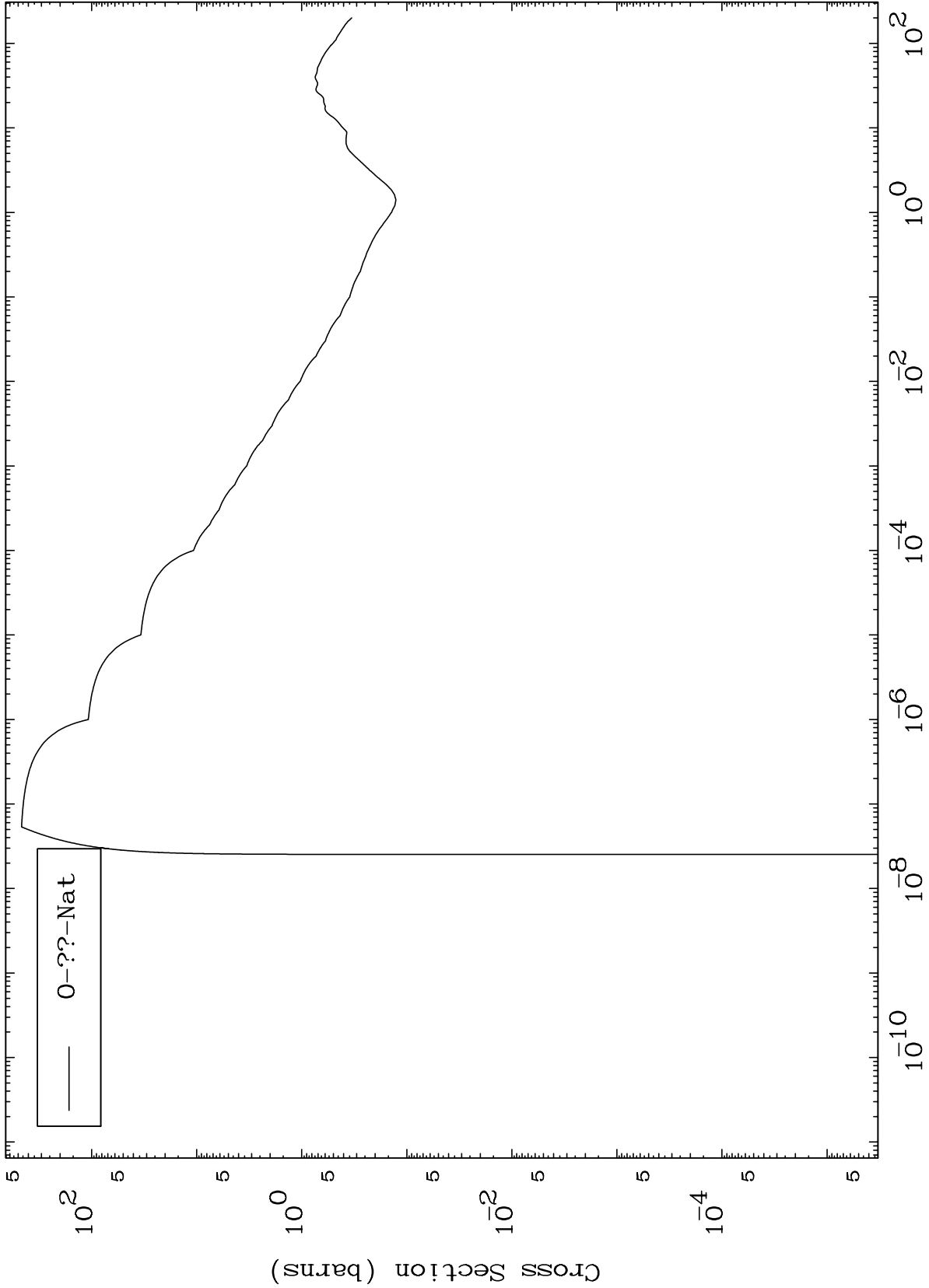




MAT 8186

82-Pb-191

Fission  
Radionuclide Production Cross Section



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82-Pb-191

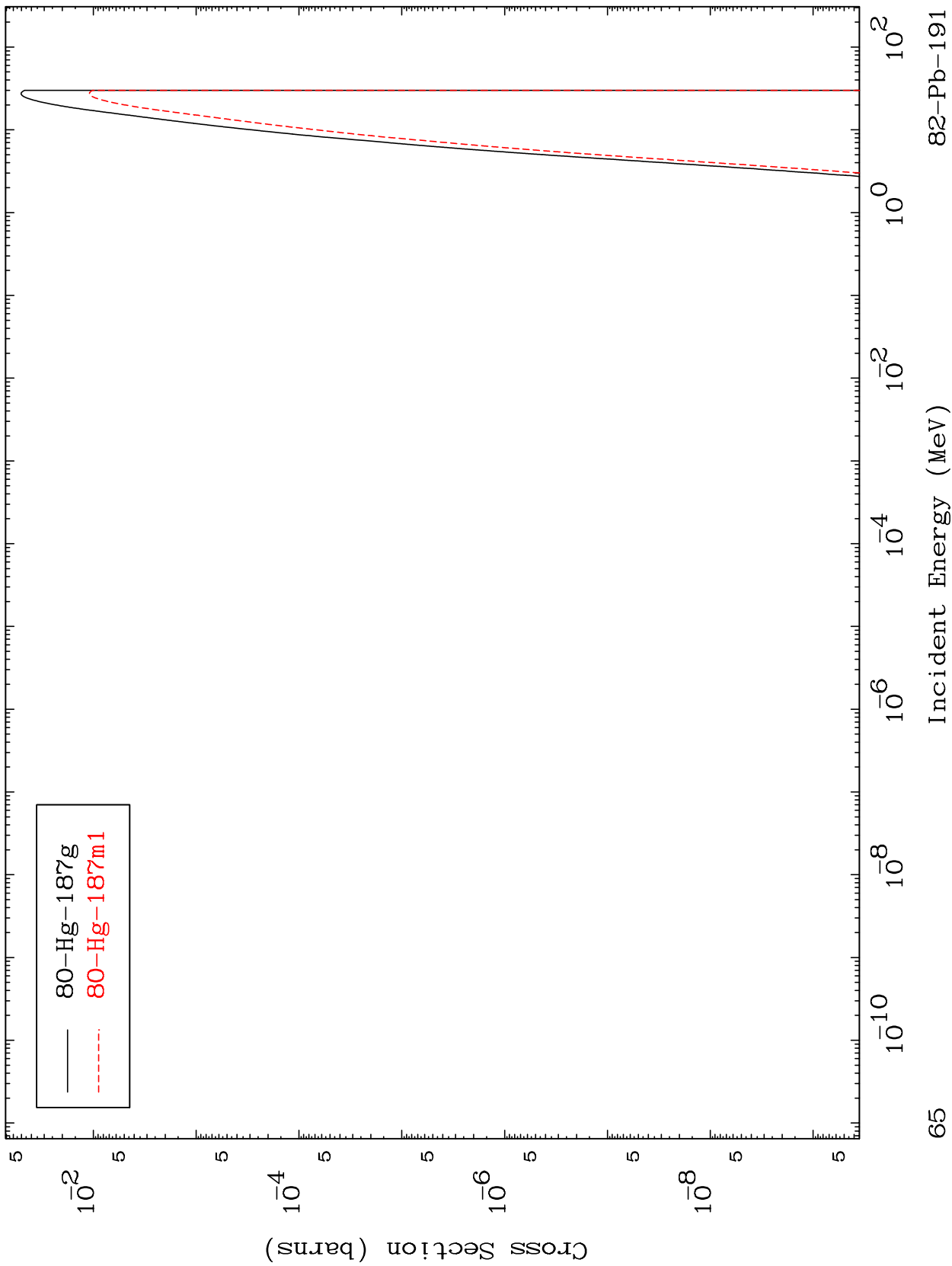
Incident Energy (MeV)

MAT 8186

$(n, n') \alpha$

82-Pb-191

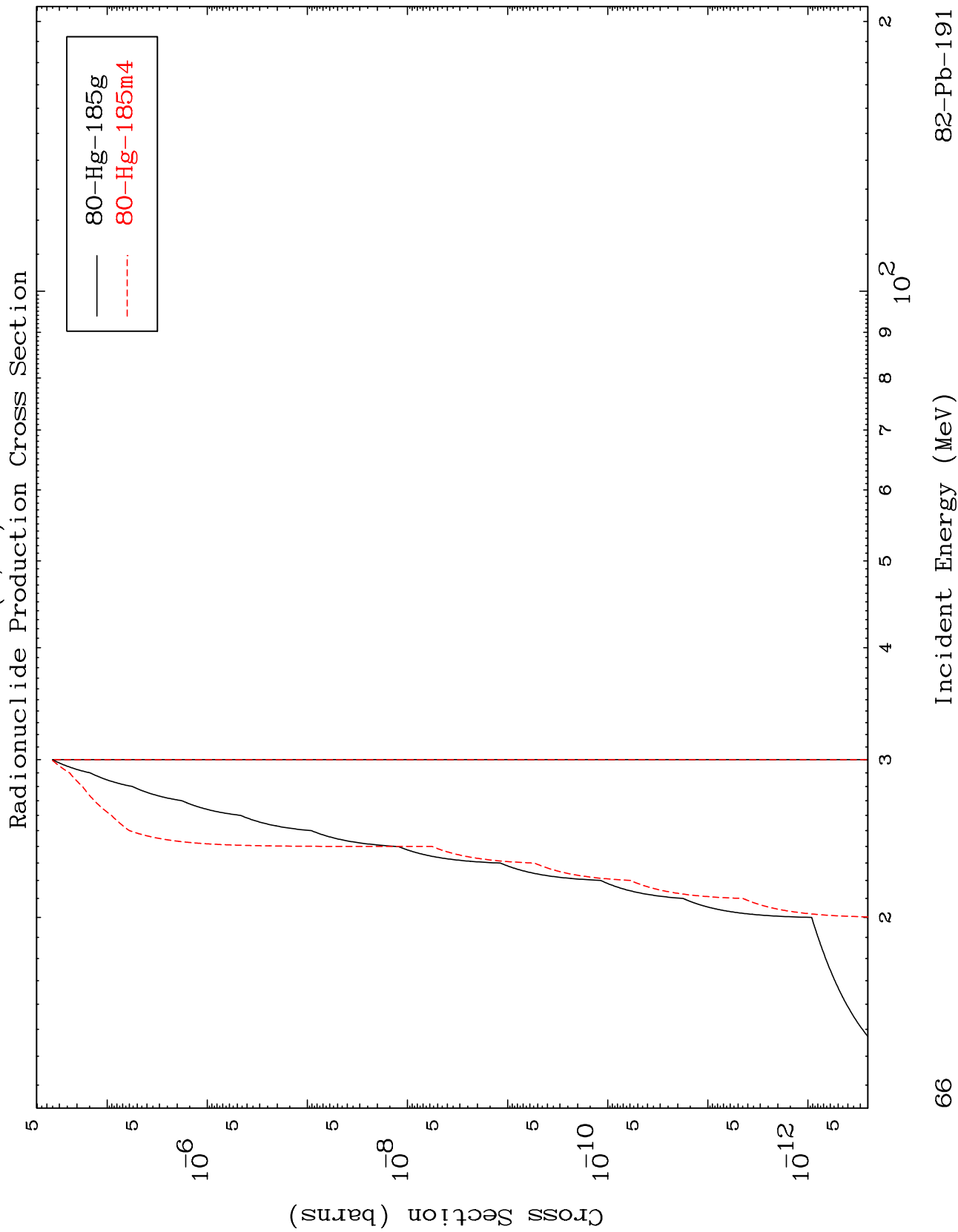
Radionuclide Production Cross Section



MAT 8186

(n,3n)  $\alpha$

82-Pb-191



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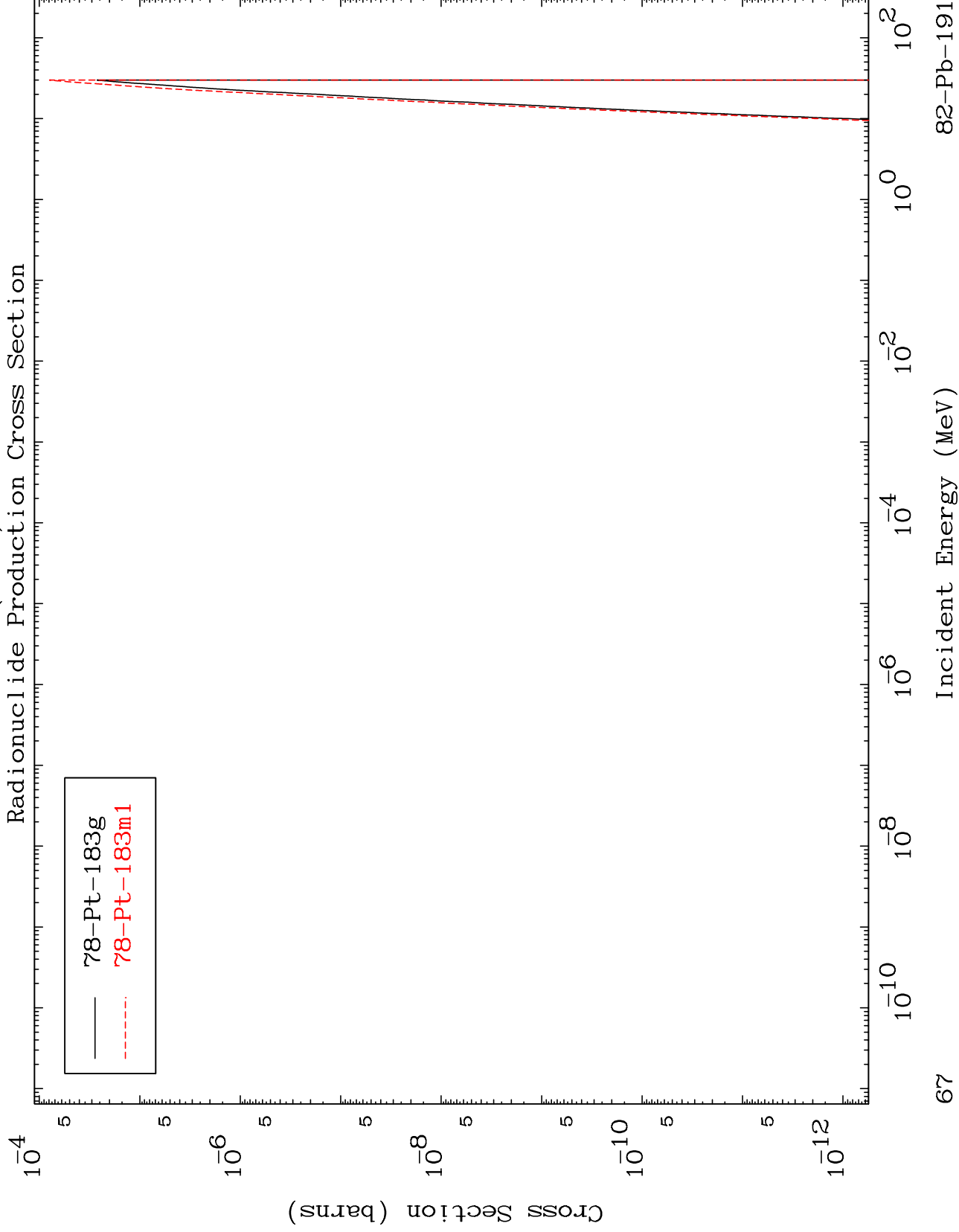
82-Pb-191

MAT 8186

(n,n') 2 $\alpha$

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Radionuclide Production Cross Section



67

Incident Energy (MeV)

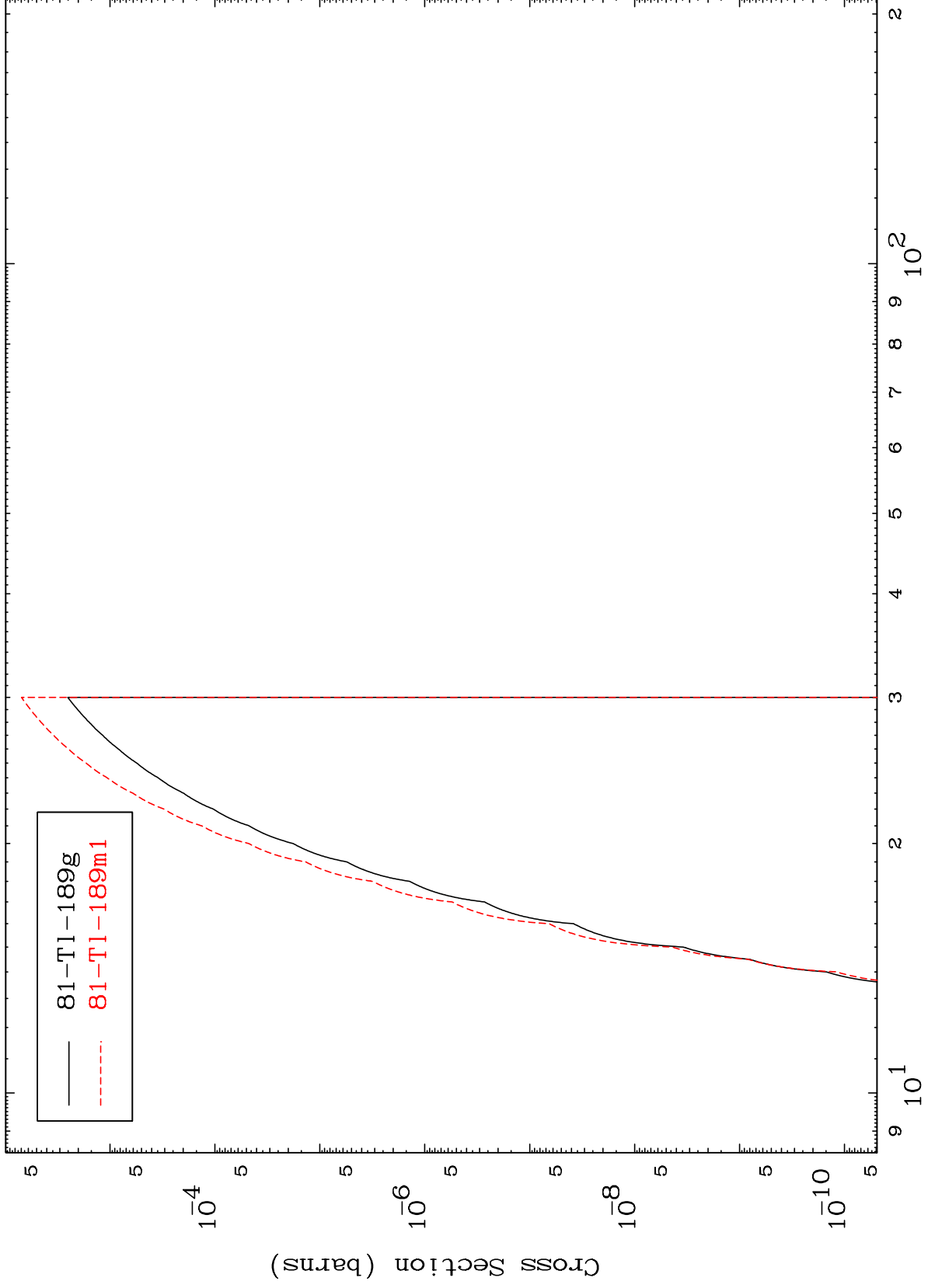
82-Pb-191

MAT 8186

(n,n') d

82-Pb-191

Radionuclide Production Cross Section



68

Incident Energy (MeV)

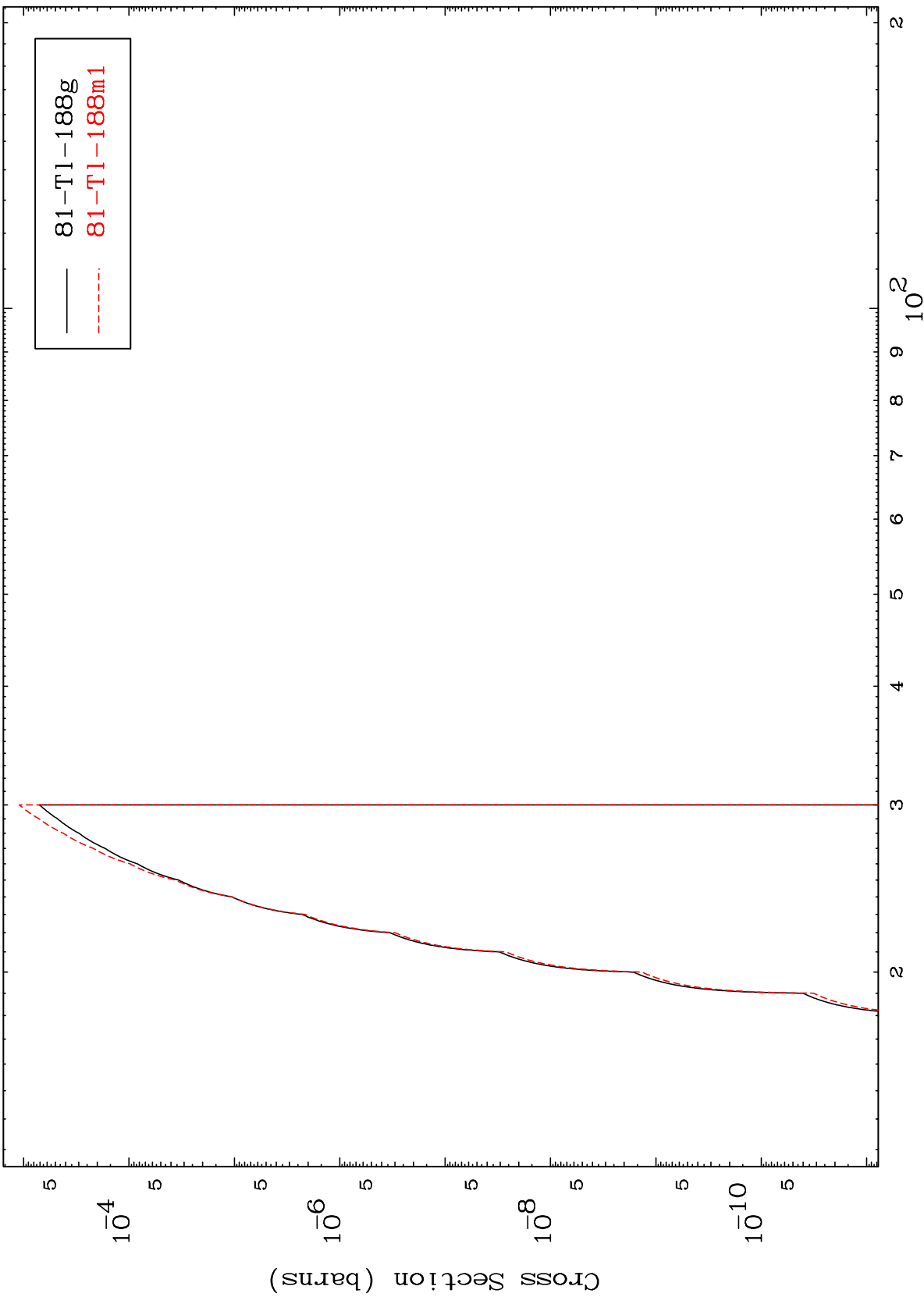
82-Pb-191

MAT 8186

(n,n') t

82-Pb-191

Radionuclide Production Cross Section



69

Incident Energy (MeV)

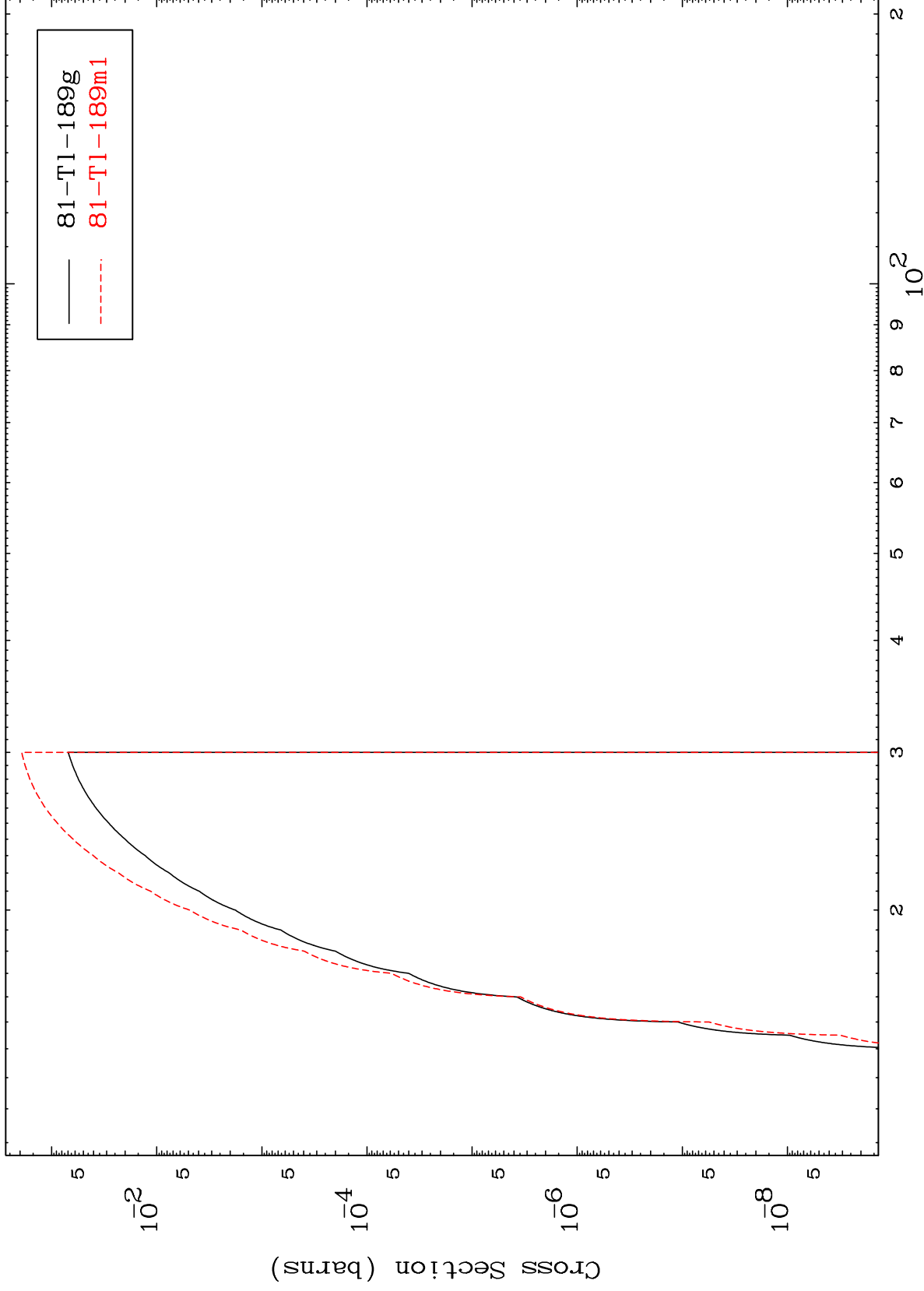
82-Pb-191

MAT 8186

(n,2n) p

82-Pb-191

Radionuclide Production Cross Section

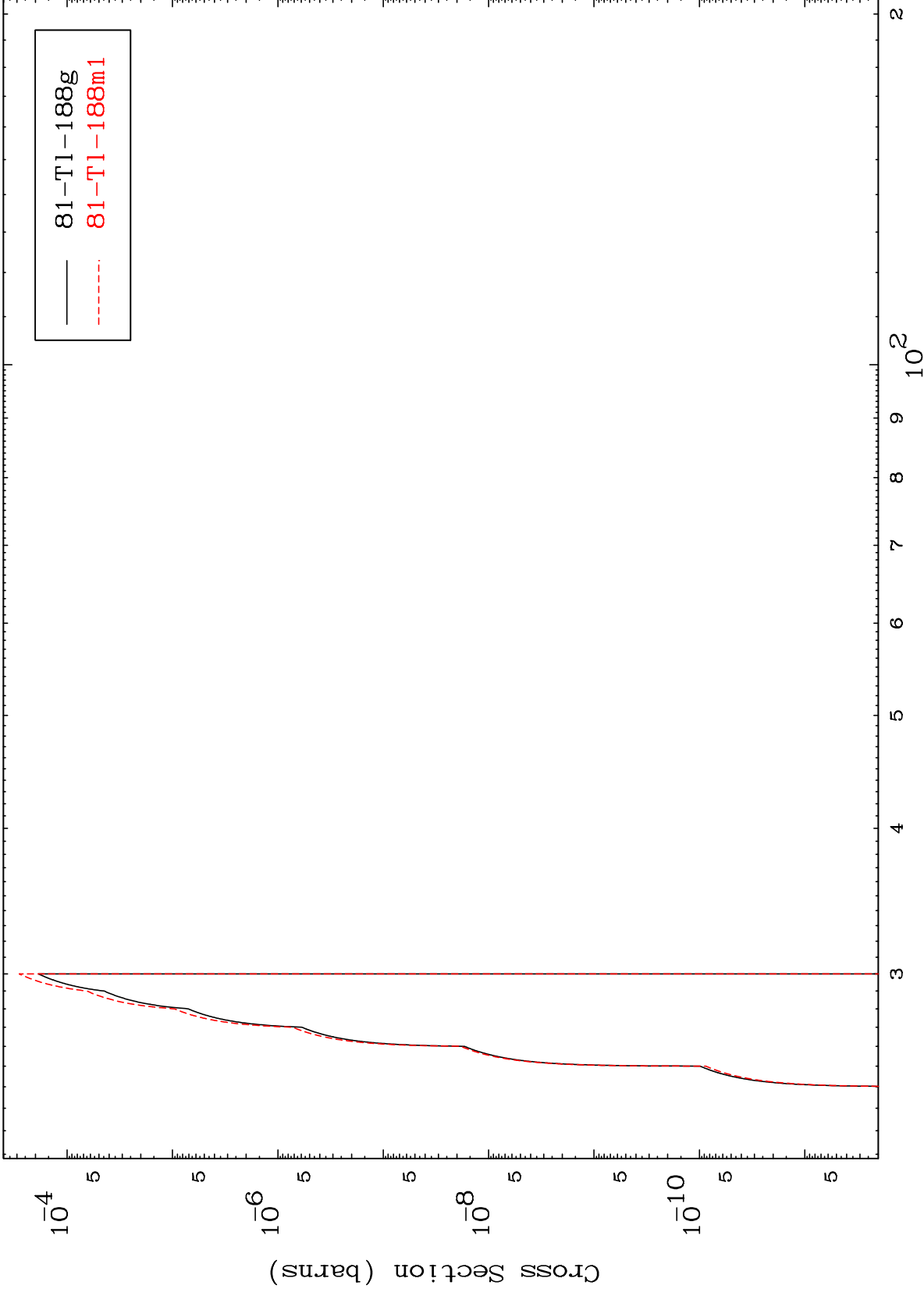


70

Incident Energy (MeV)

82-Pb-191

Radionuclide Production Cross Section



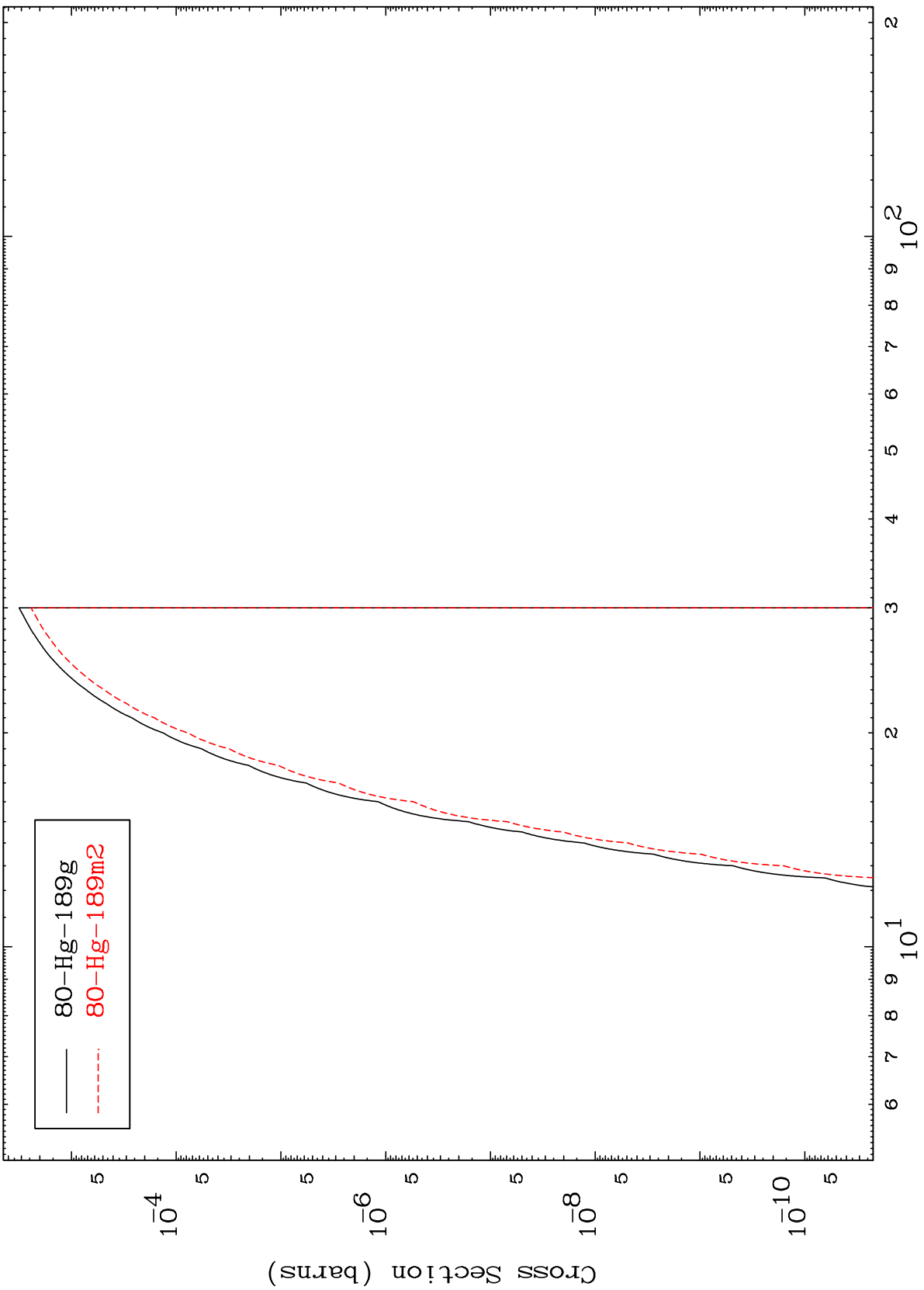


MAT 8186

(n,2n) p

82-Pb-191

Radionuclide Production Cross Section



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

72

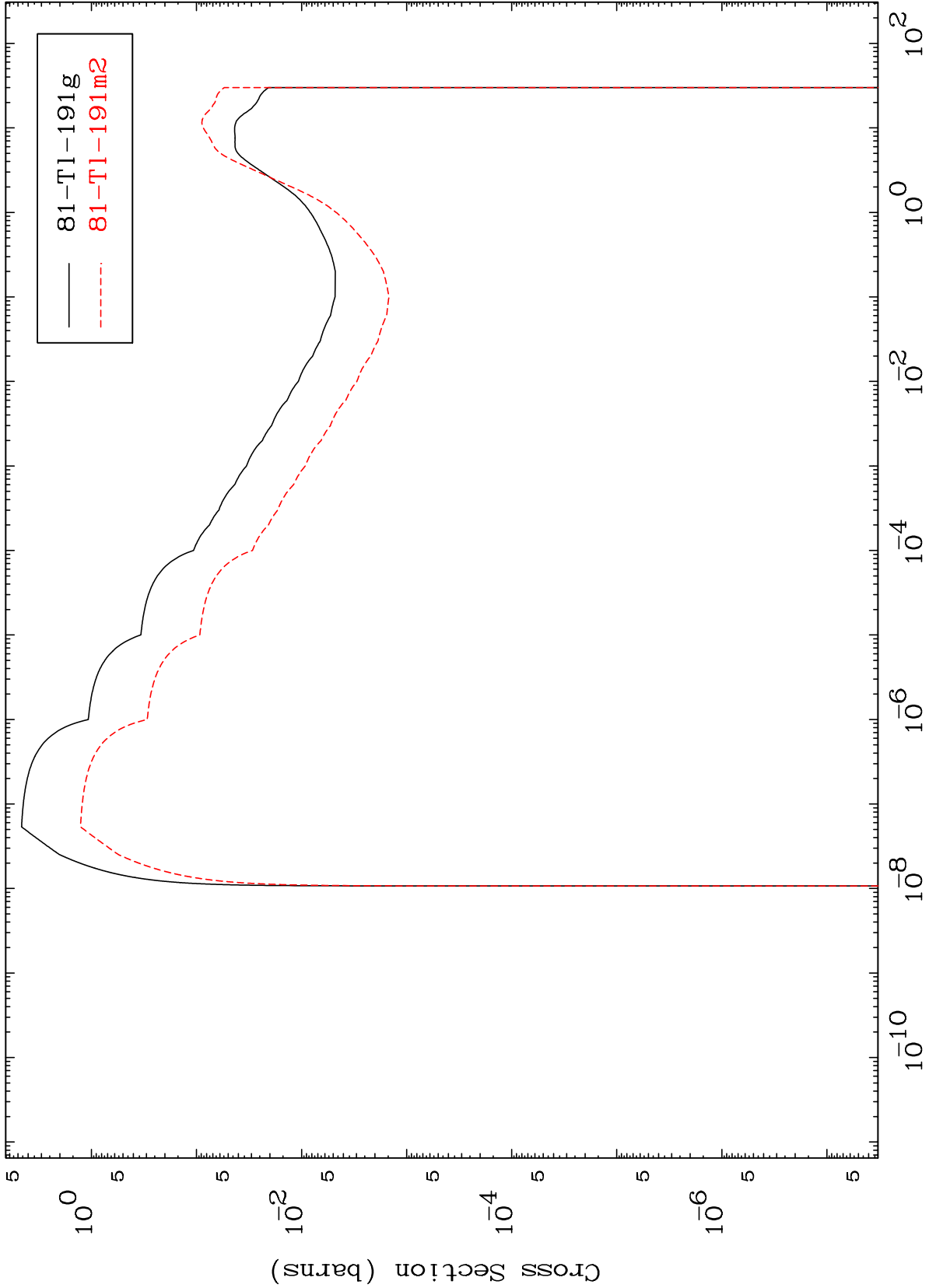
Incident Energy (MeV)

82-Pb-191

MAT 8186

82-Pb-191

(n,p)  
Radionuclide Production Cross Section



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

82-Pb-191

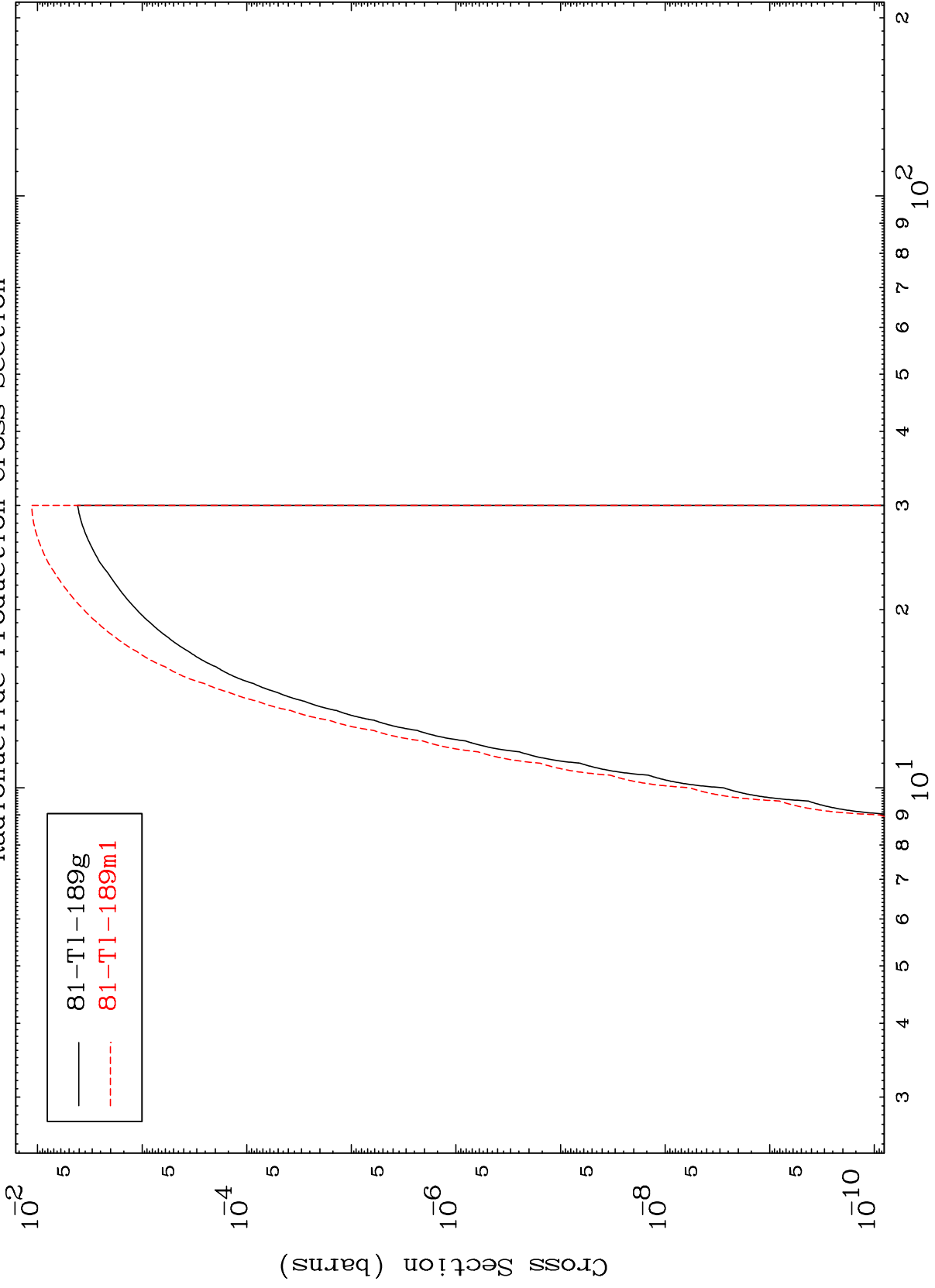
Incident Energy (MeV)

73

MAT 8186

82-Pb-191

(n, t)  
Radionuclide Production Cross Section



74

Incident Energy (MeV)

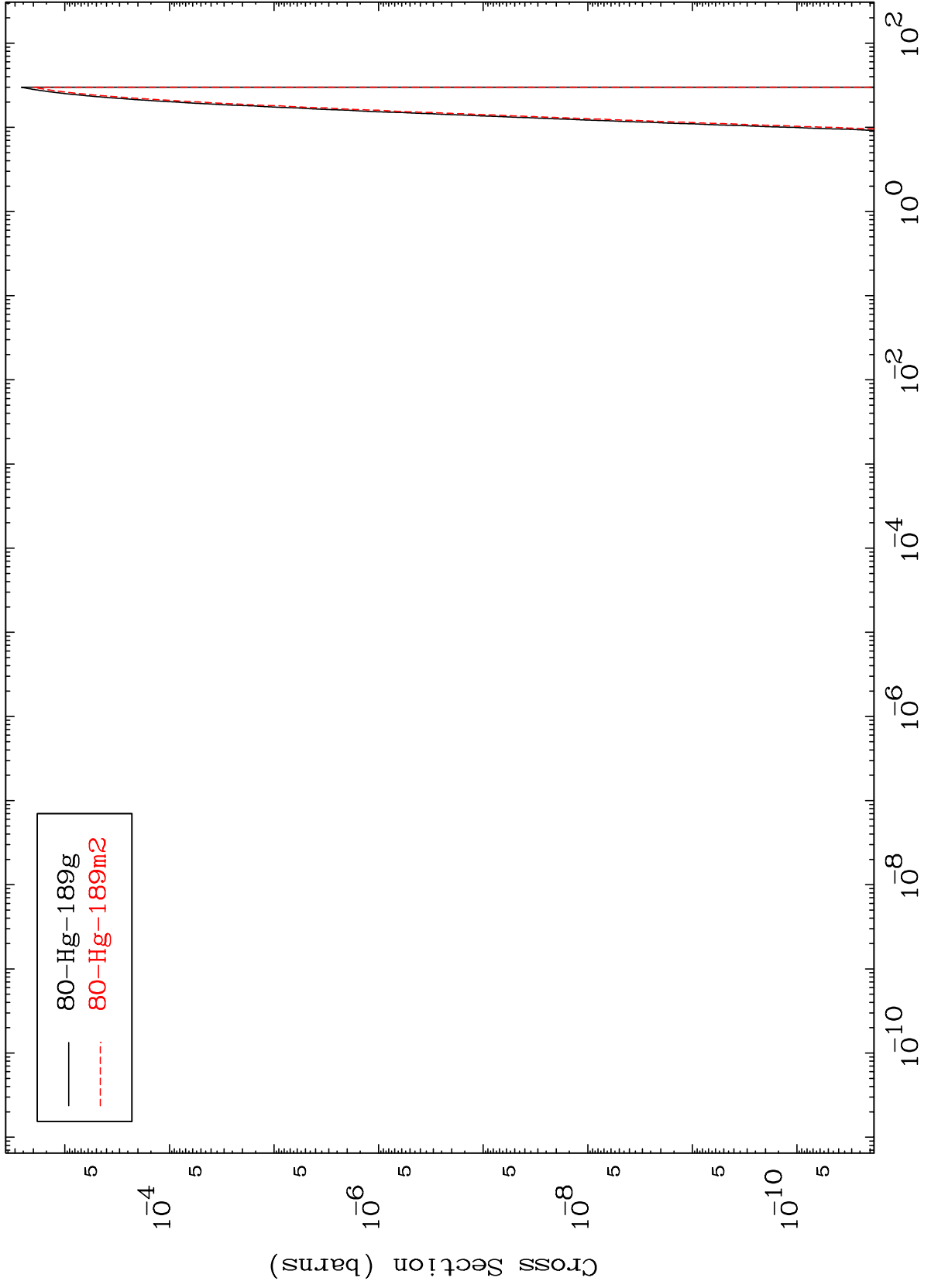
82-Pb-191

MAT 8186

(n,He-3)

82-Pb-191

Radionuclide Production Cross Section



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

75

Incident Energy (MeV)

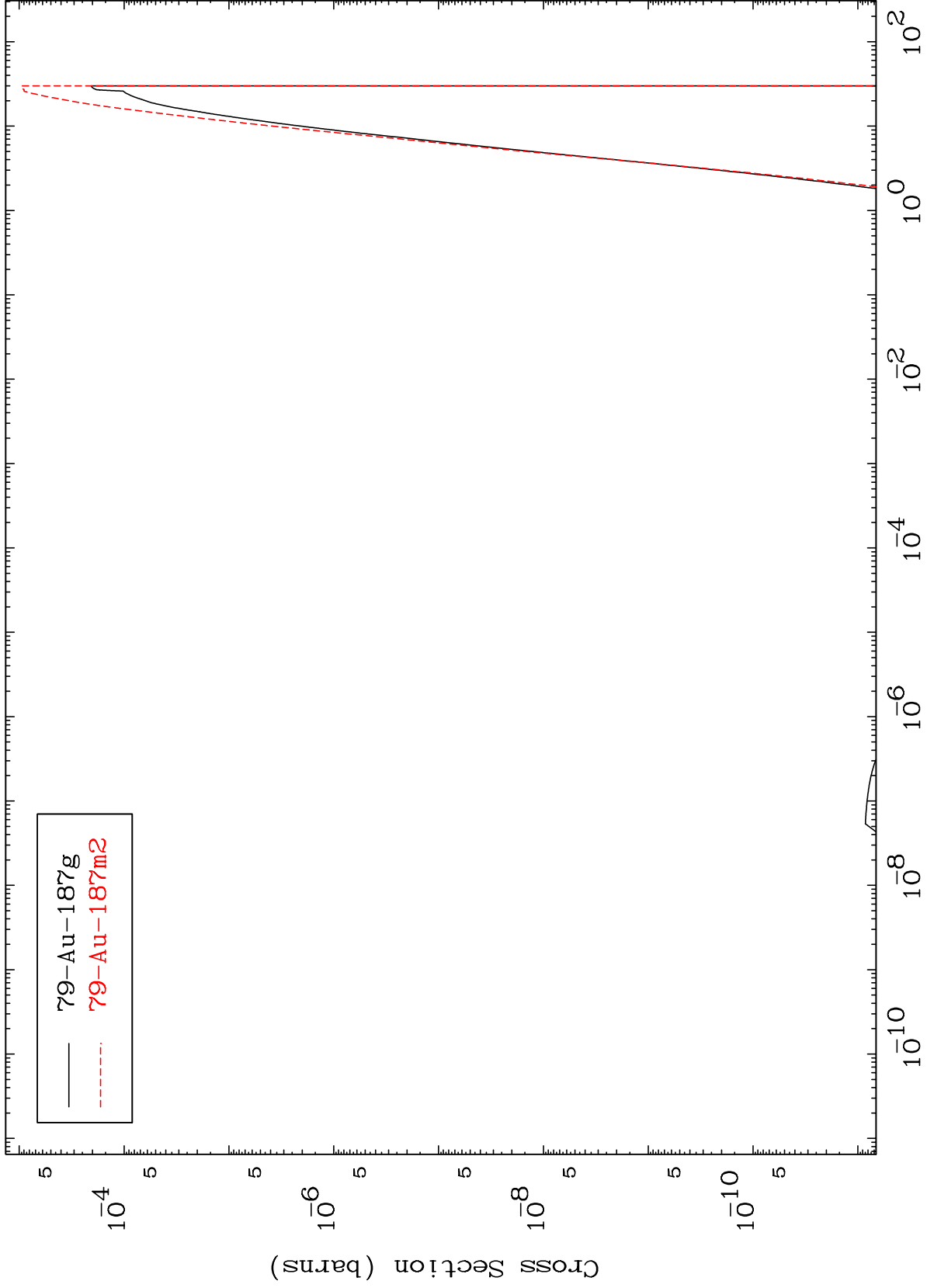
82-Pb-191

MAT 8186

(n,p)  $\alpha$

82-Pb-191

Radionuclide Production Cross Section



76

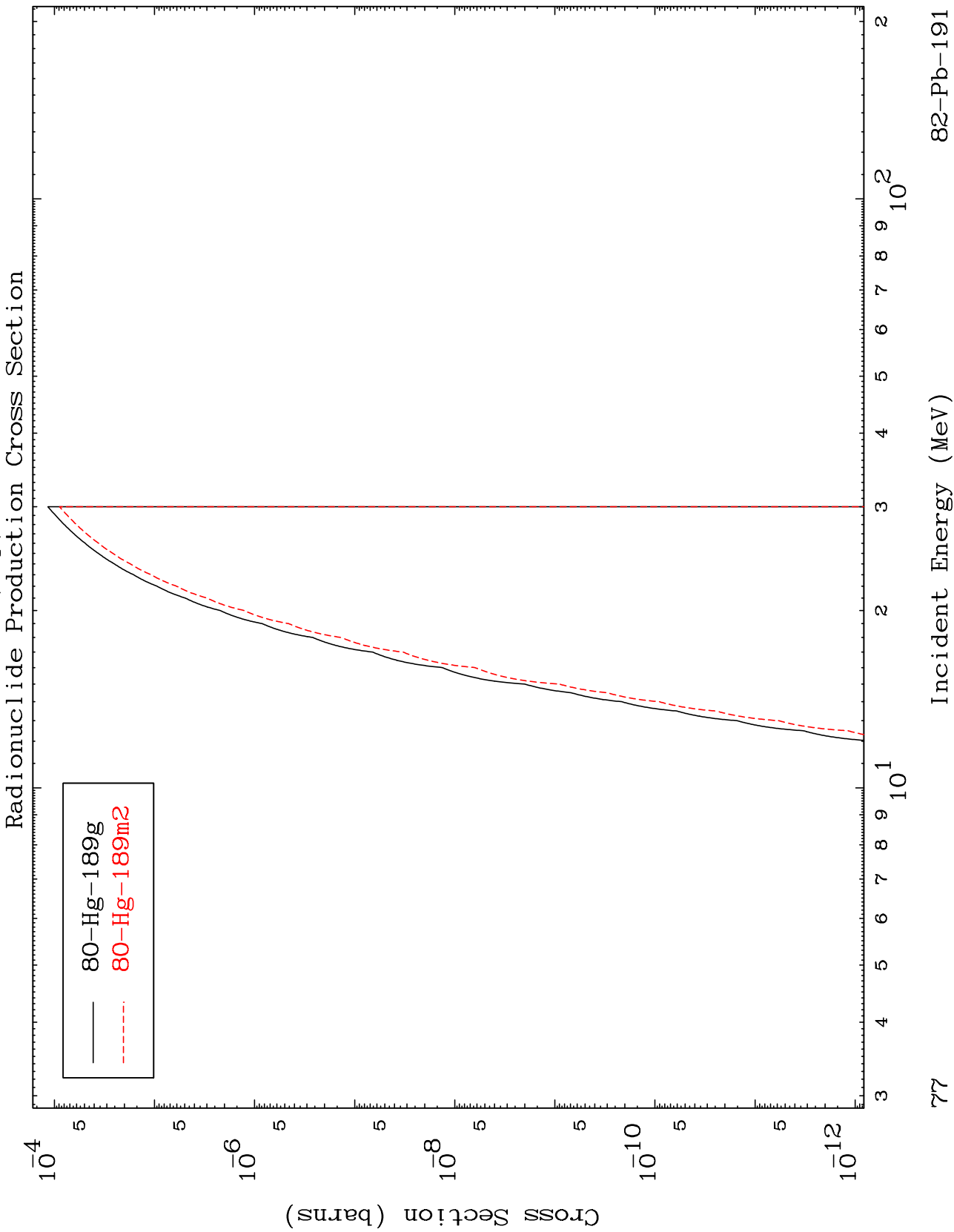
Incident Energy (MeV)

82-Pb-191

MAT 8186

(n,p) d

82-Pb-191



77

Incident Energy (MeV)

82-Pb-191