

Program EVALPLOT  
(Version 2021-1)

by

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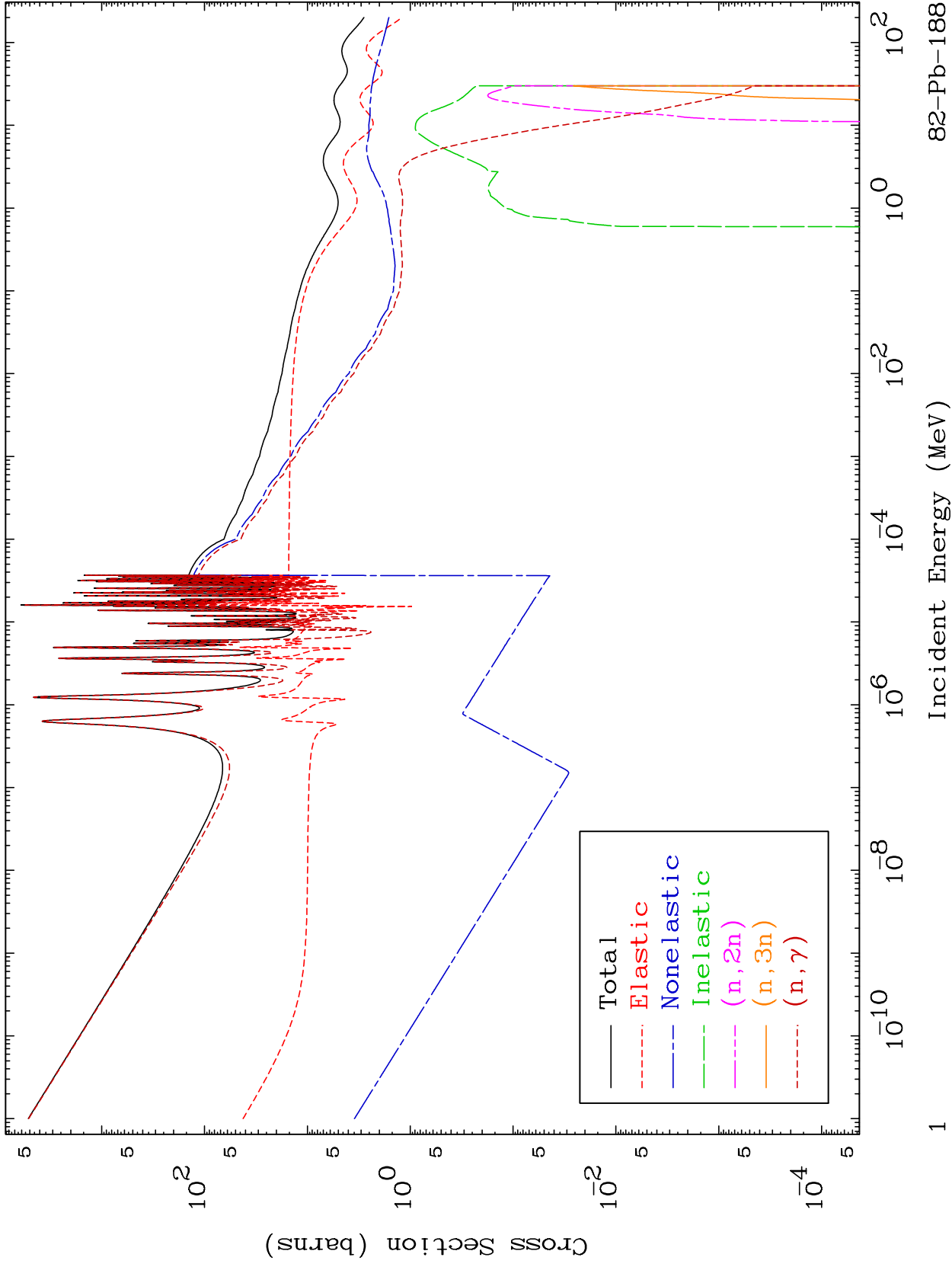
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Press Mouse Button to Start

MAT 8177

Neutron Major  
293 Kelvin Cross Sections

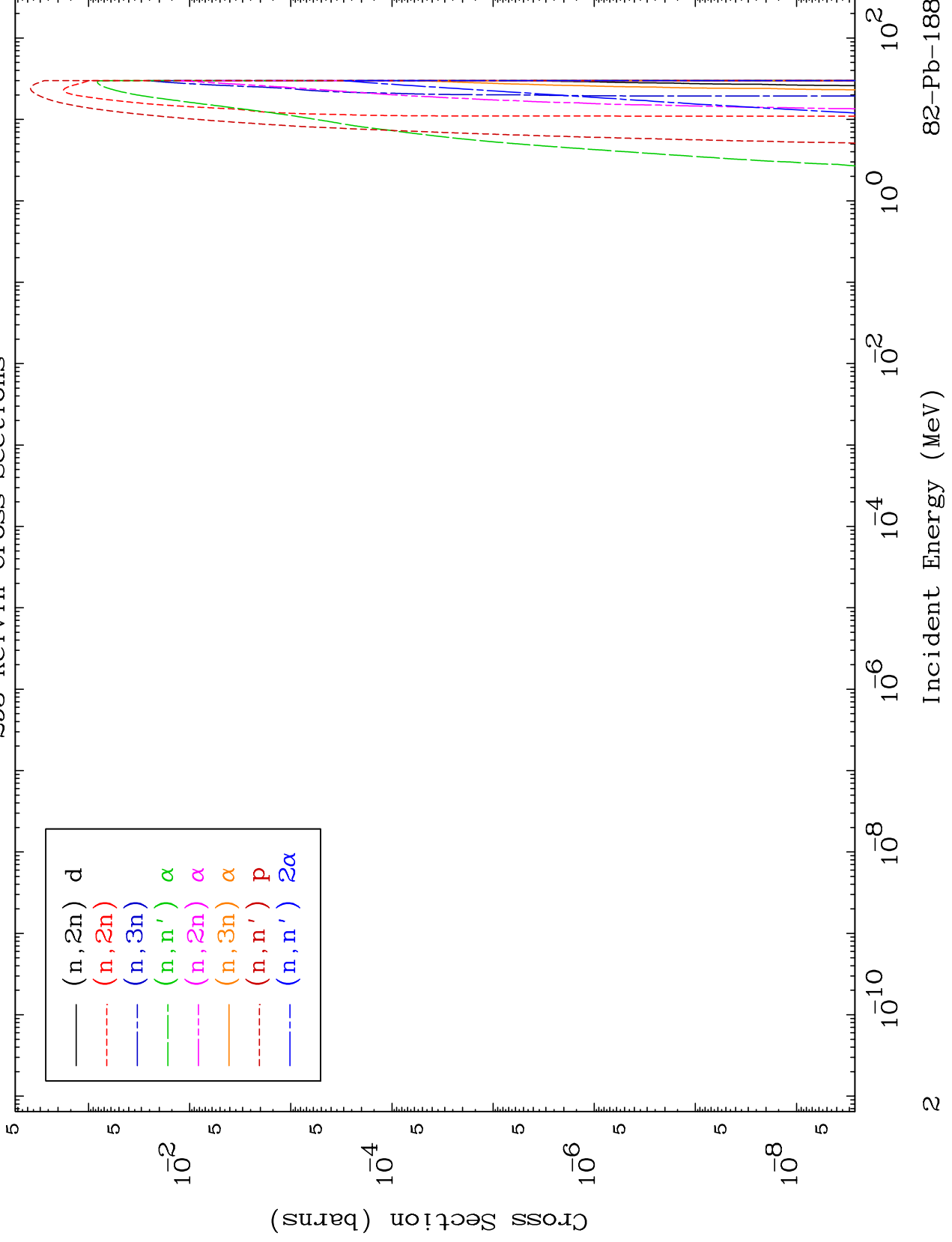
82-Pb-188



MAT 8177

Neutron Absorption  
293 Kelvin Cross Sections

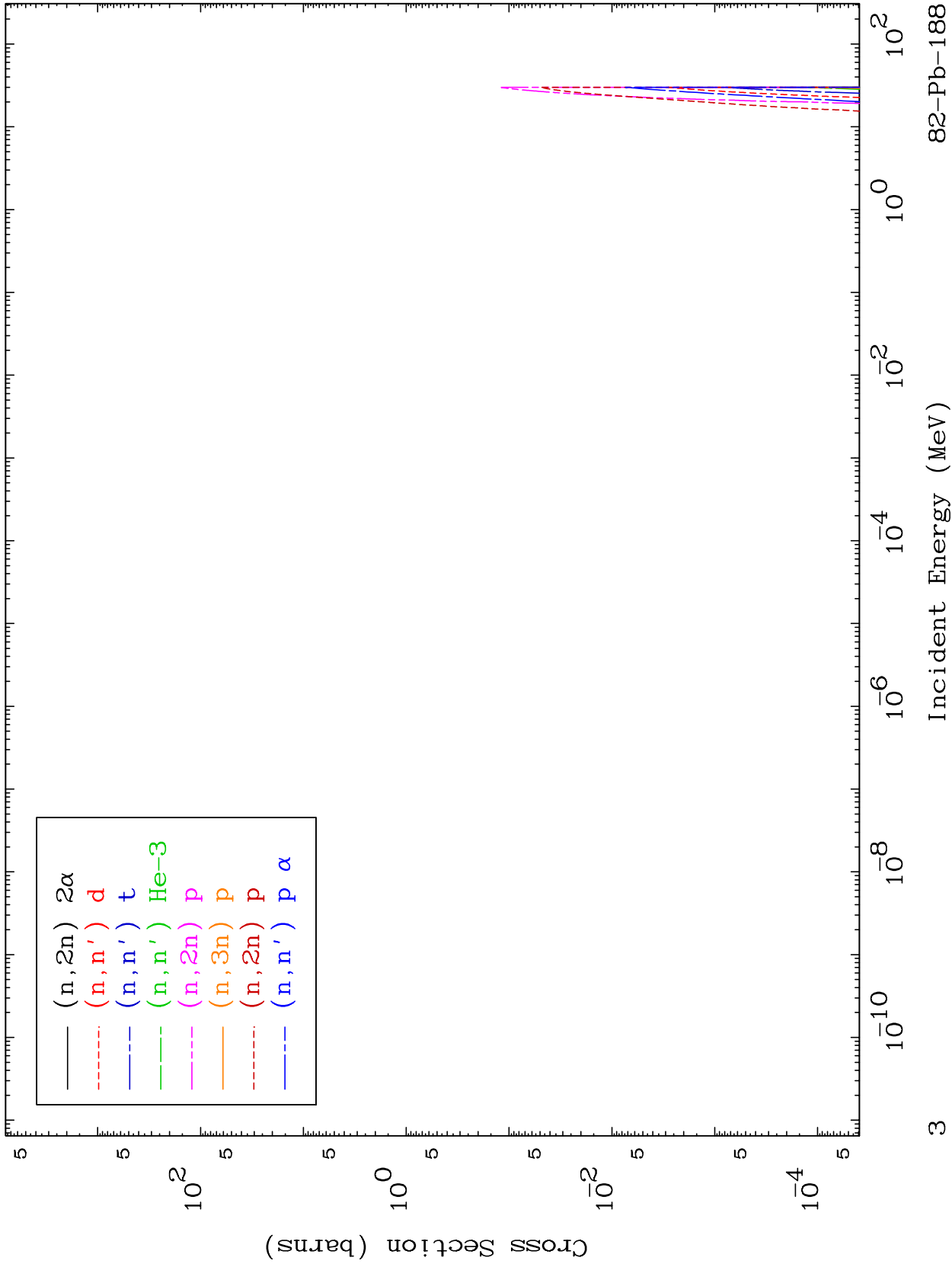
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MAT 8177

Neutron Absorption  
293 Kelvin Cross Sections

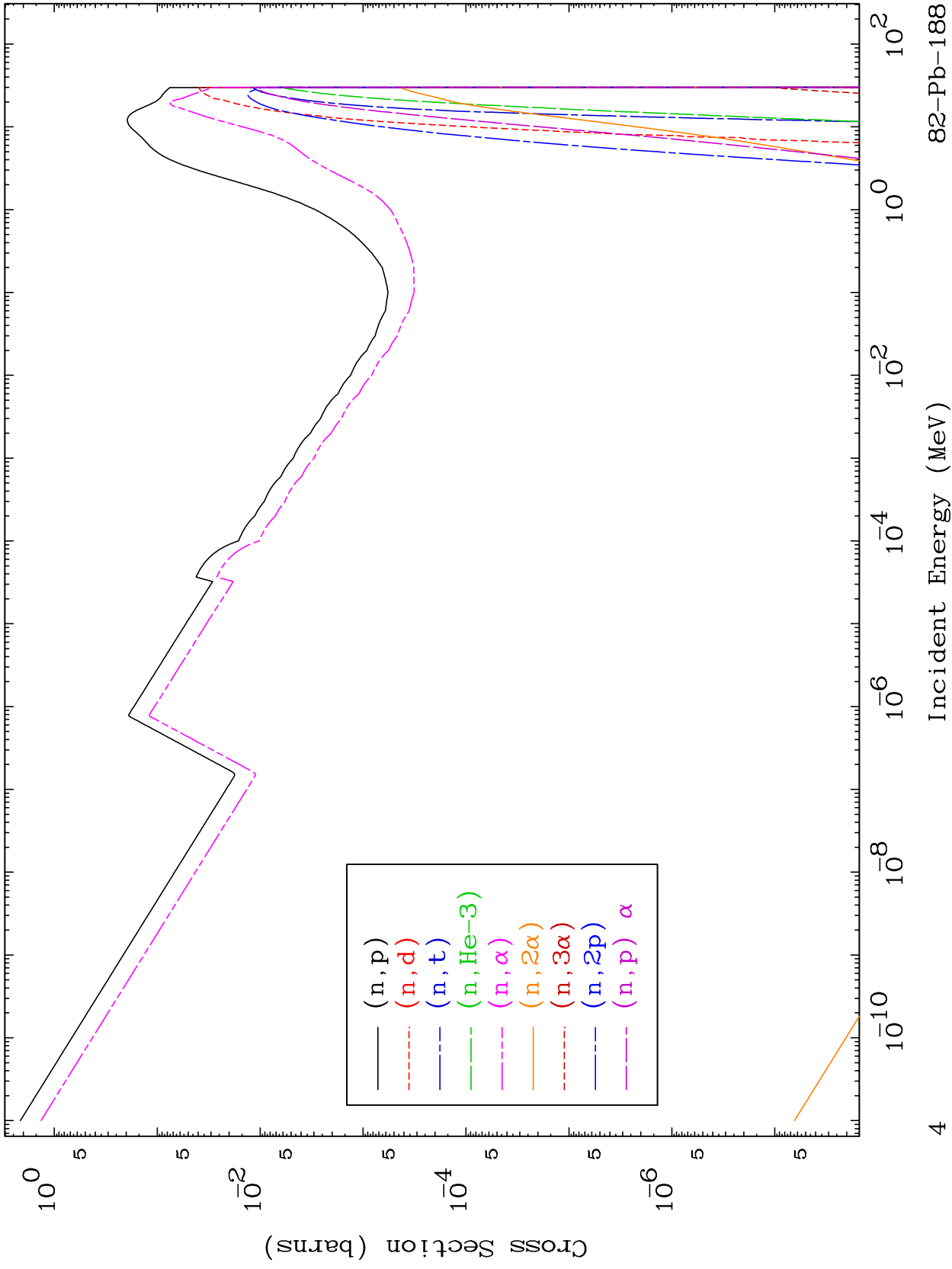
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MAT 8177

Neutron Absorption  
293 Kelvin Cross Sections

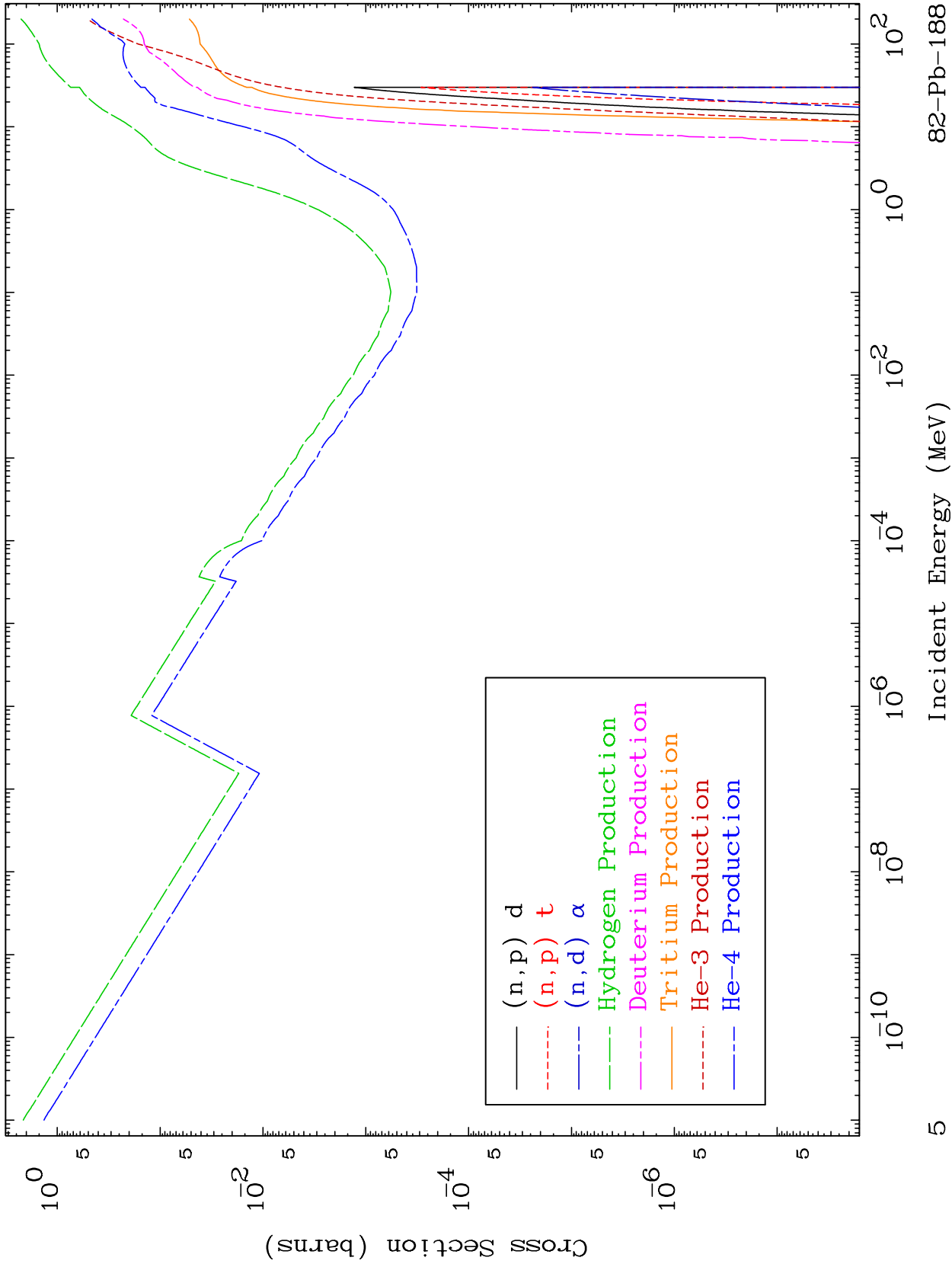
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MAT 8177

Neutron Absorption  
293 Kelvin Cross Sections

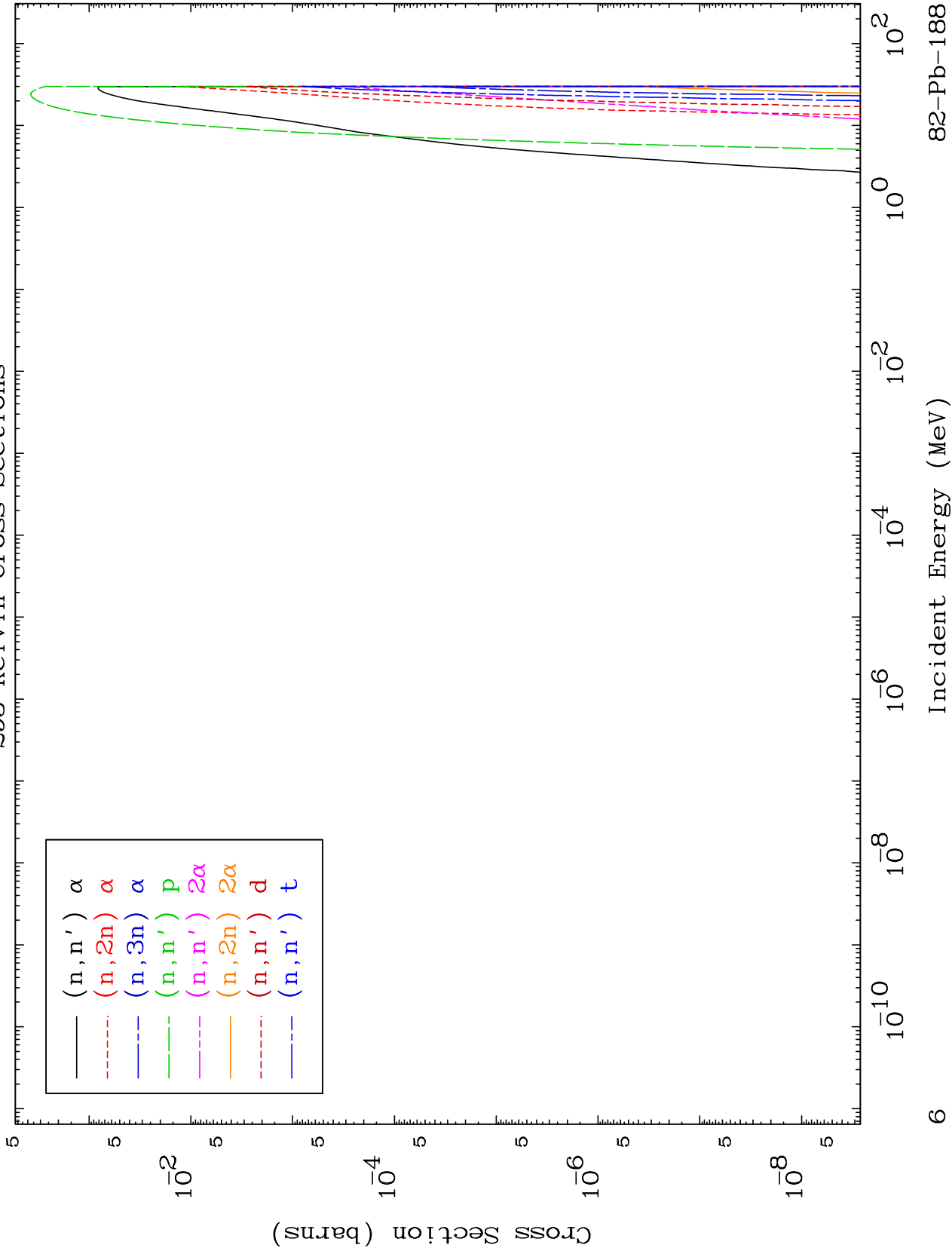
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MAT 8177

Charged Particle  
293 Kelvin Cross Sections

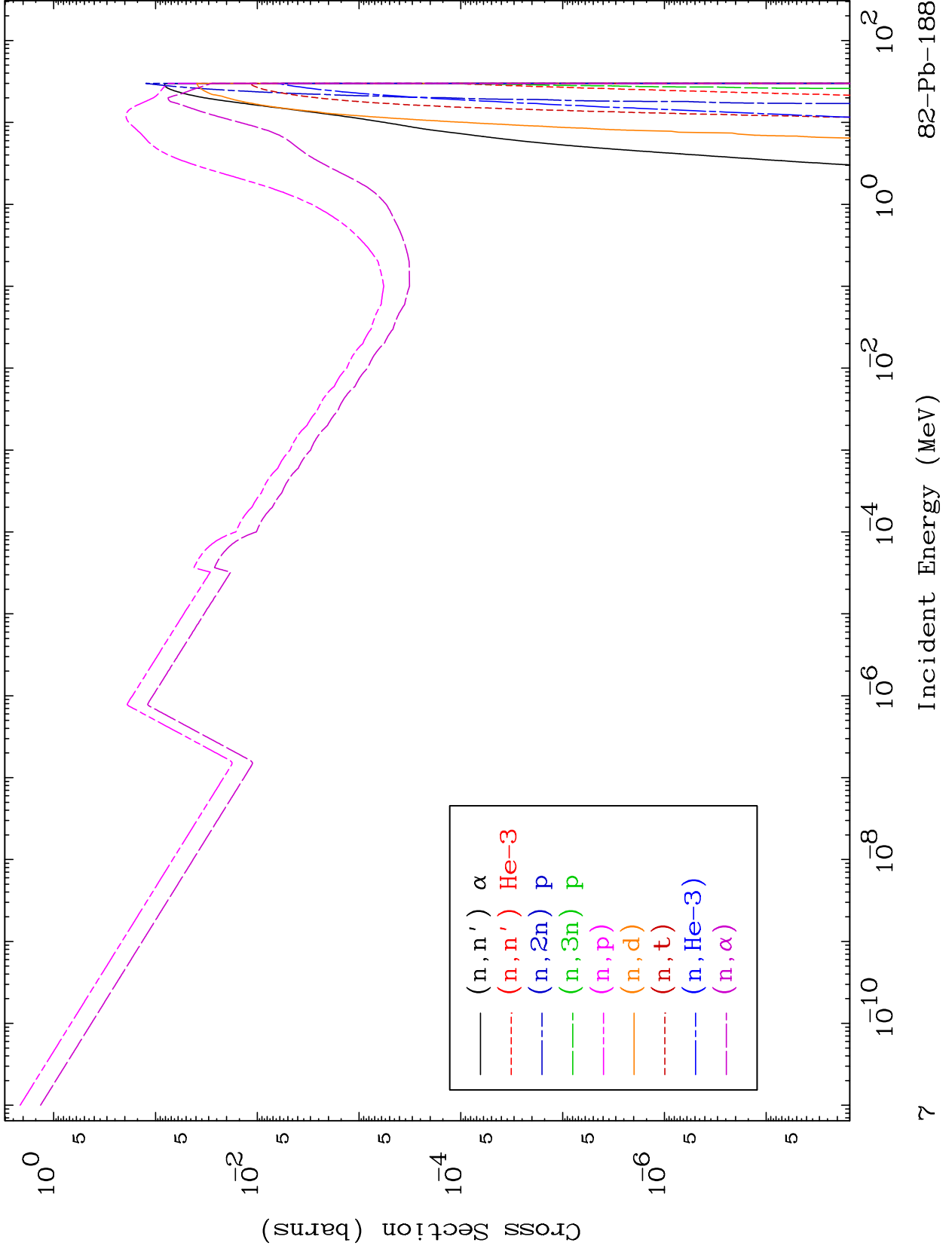
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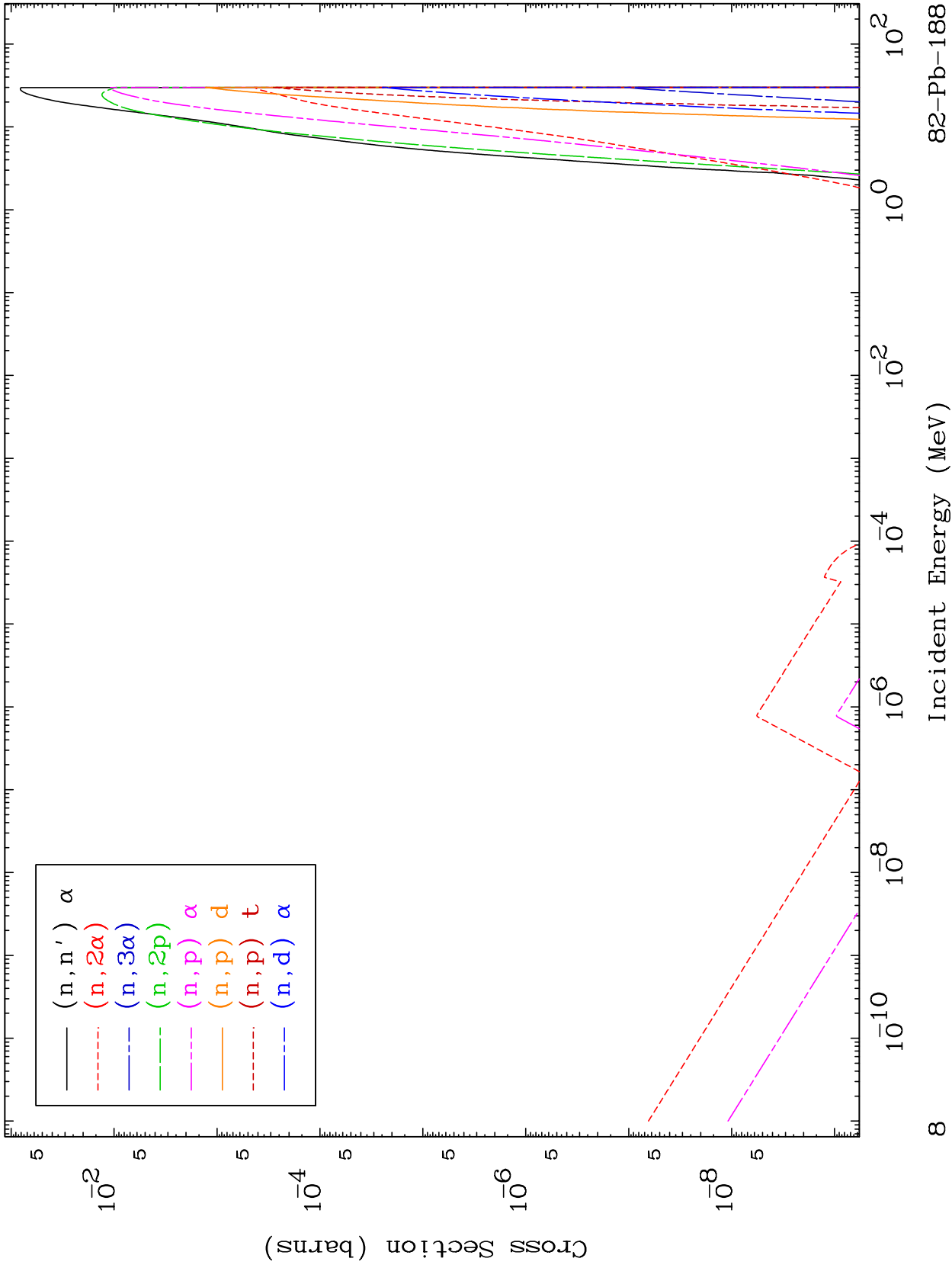


MAT 81777

Charged Particle  
293 Kelvin Cross Sections

82-Pb-188

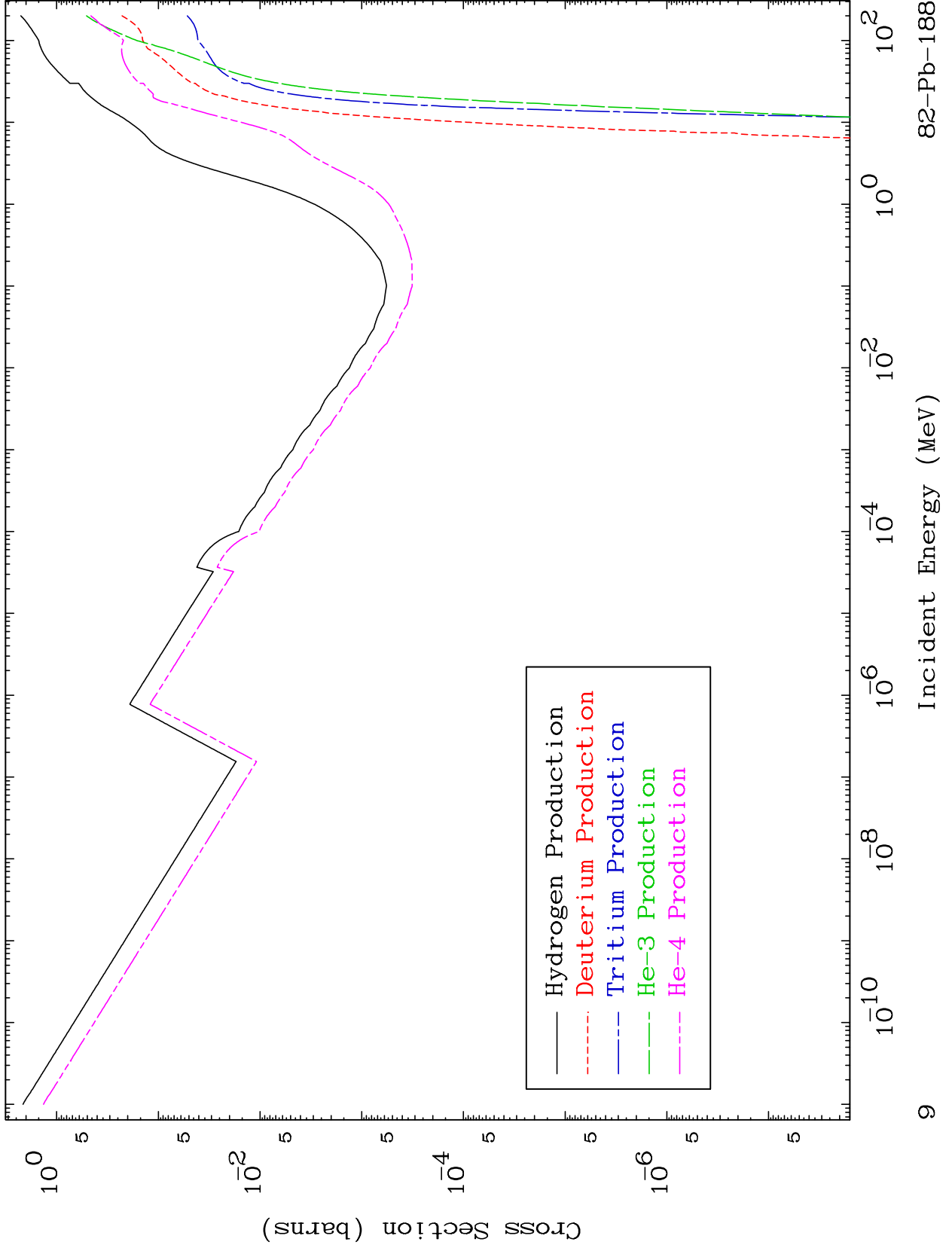




MAT 8177

Particle Production  
293 Kelvin Cross Sections

82-Pb-188

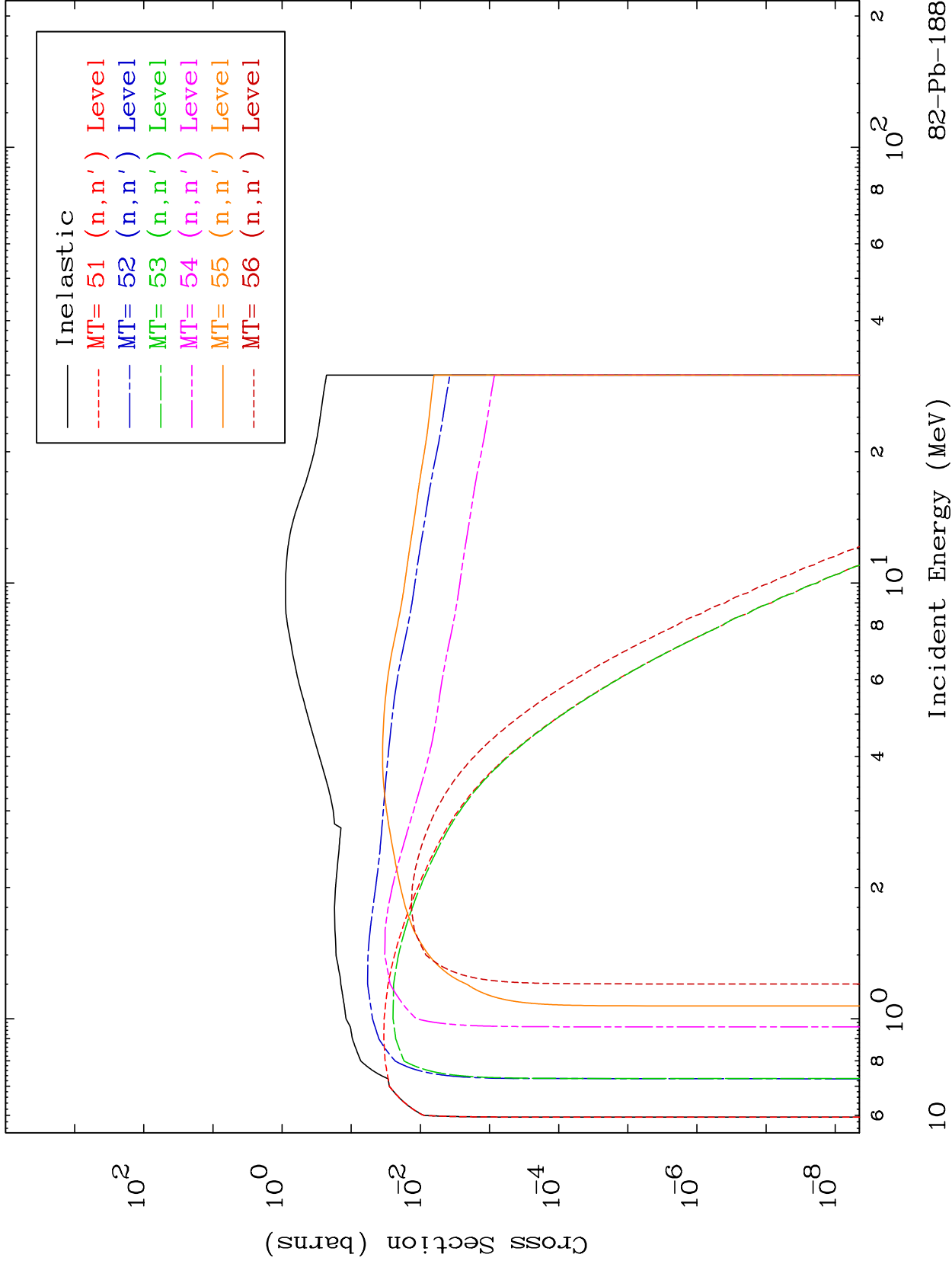


MAT 8177

(n,n') Levels

82-Pb-188

293 Kelvin Cross Sections

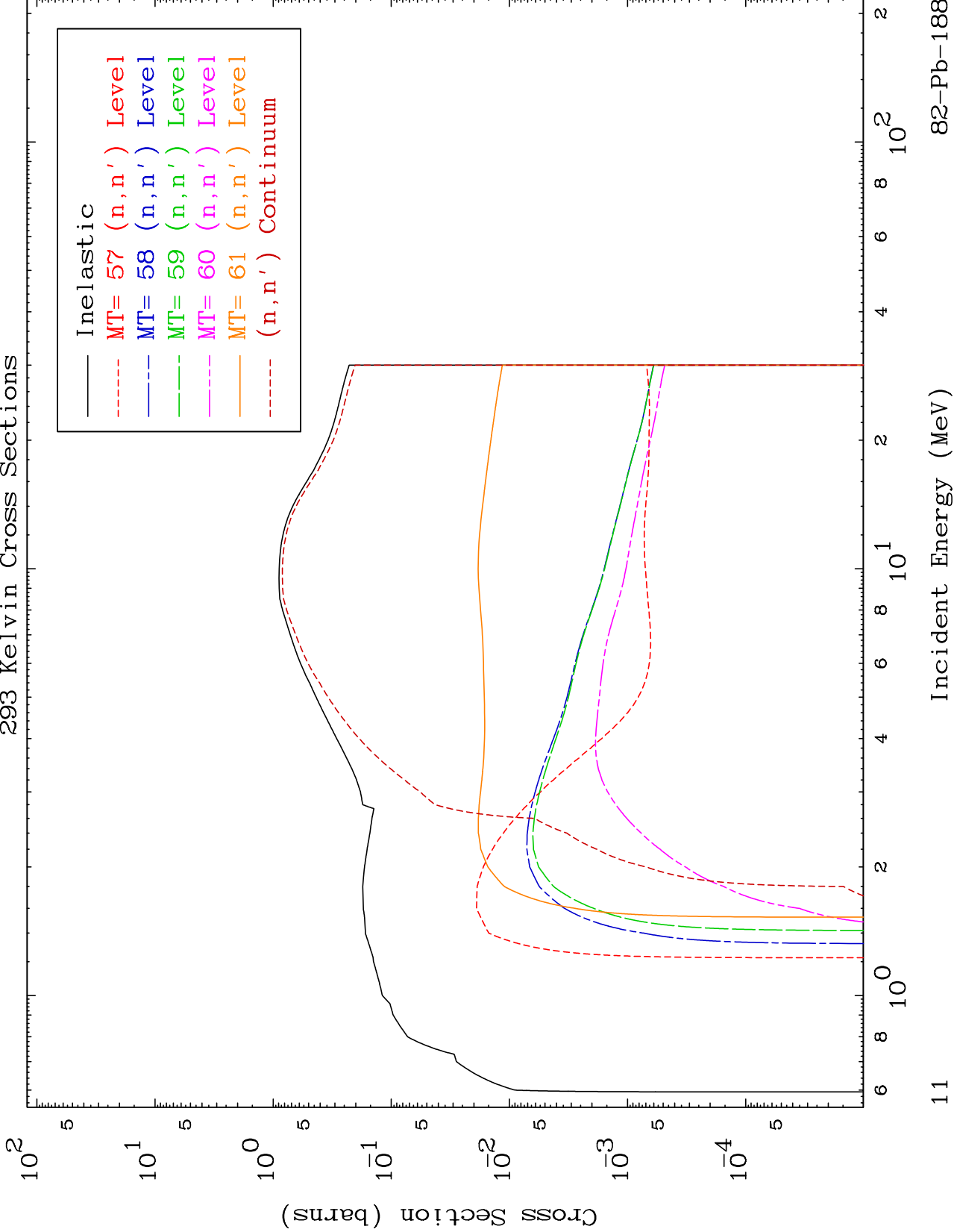


10

Incident Energy (MeV)

82-Pb-188

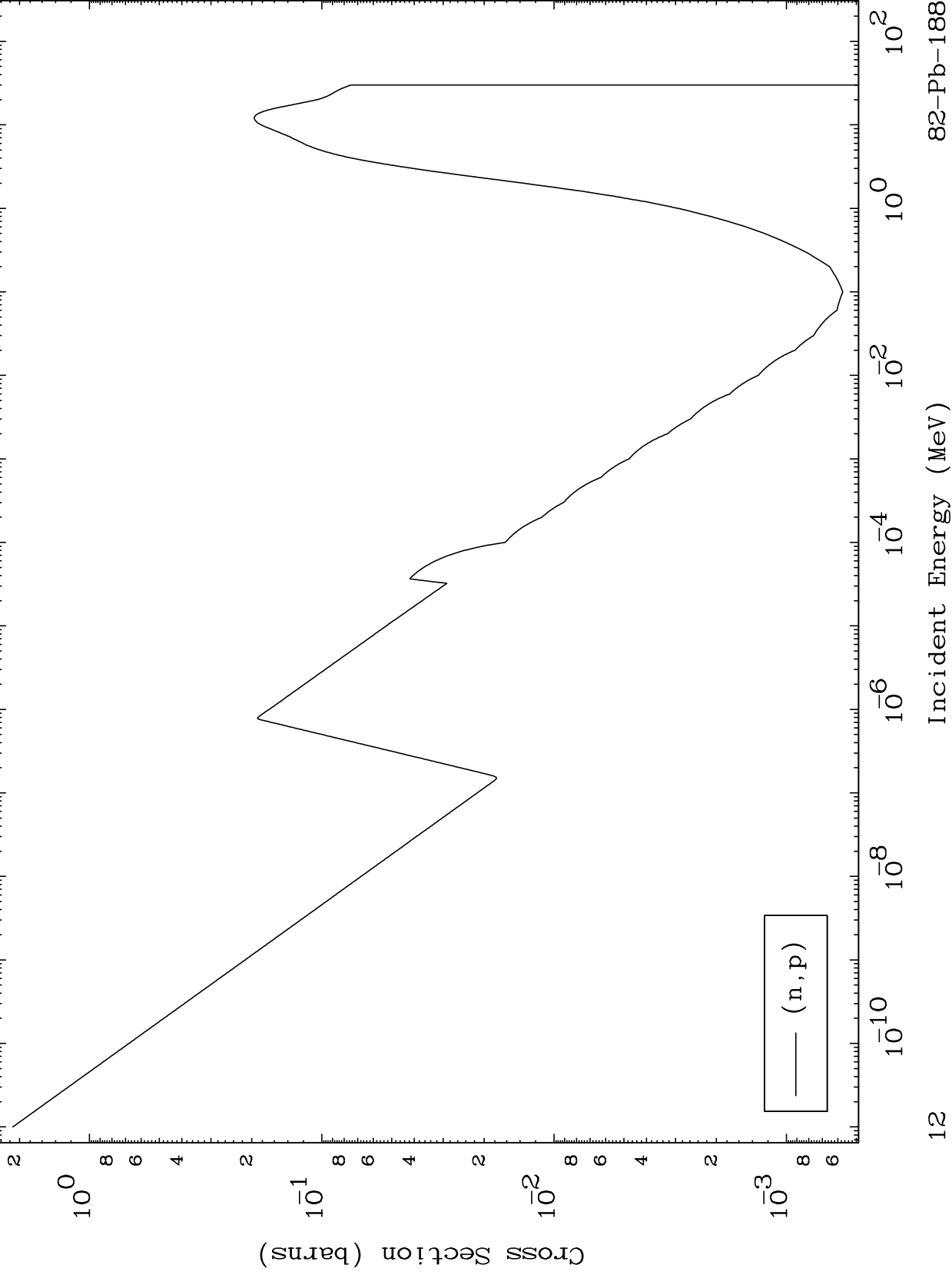
293 Kelvin Cross Sections



MAT 8177

(n,p) Levels  
293 Kelvin Cross Sections

82-Pb-188

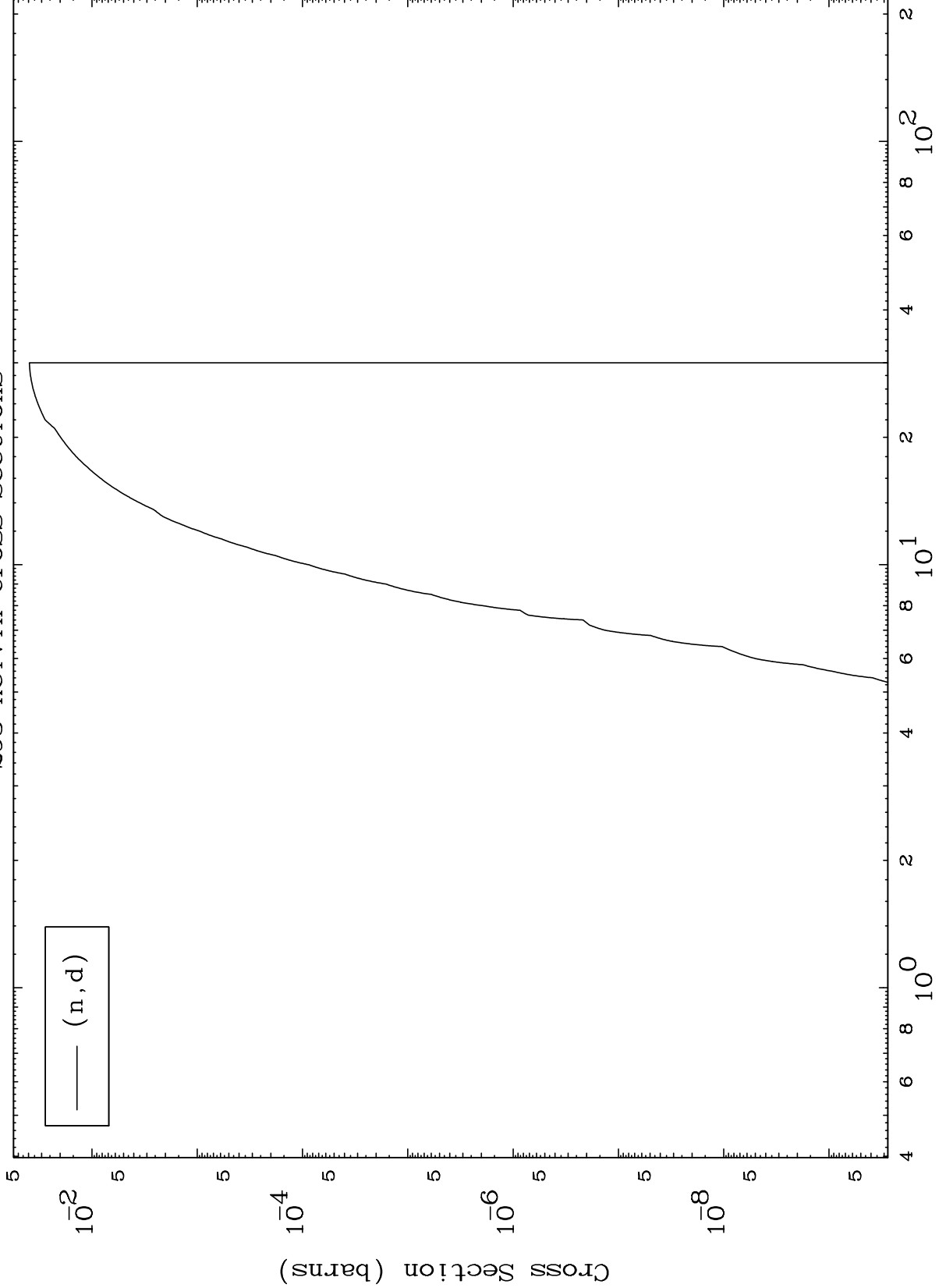


MAT 8177

(n,d) Levels

82-Pb-188

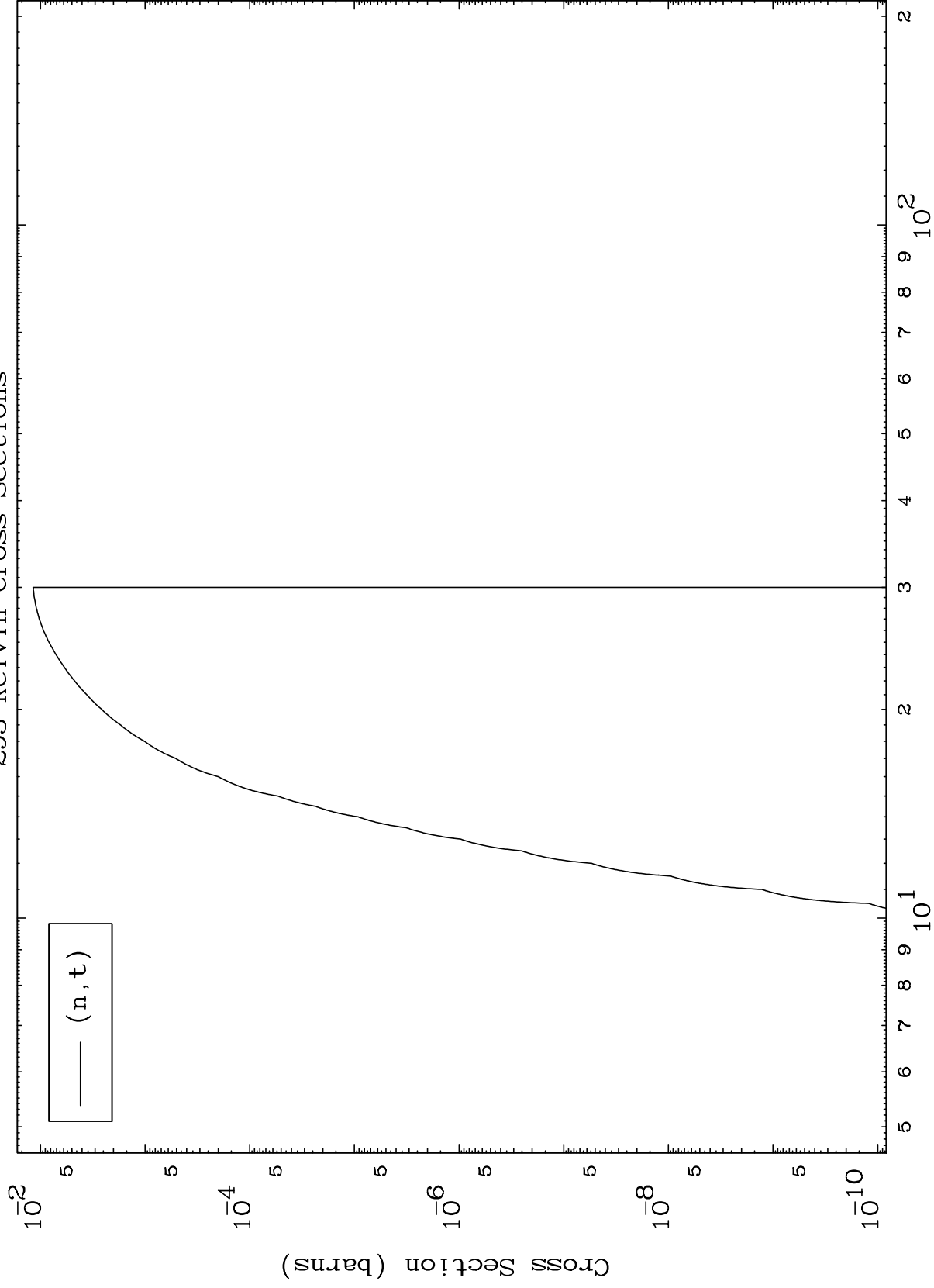
293 Kelvin Cross Sections



MAT 8177

(n,t) Levels  
293 Kelvin Cross Sections

82-Pb-188



(n,t)

14

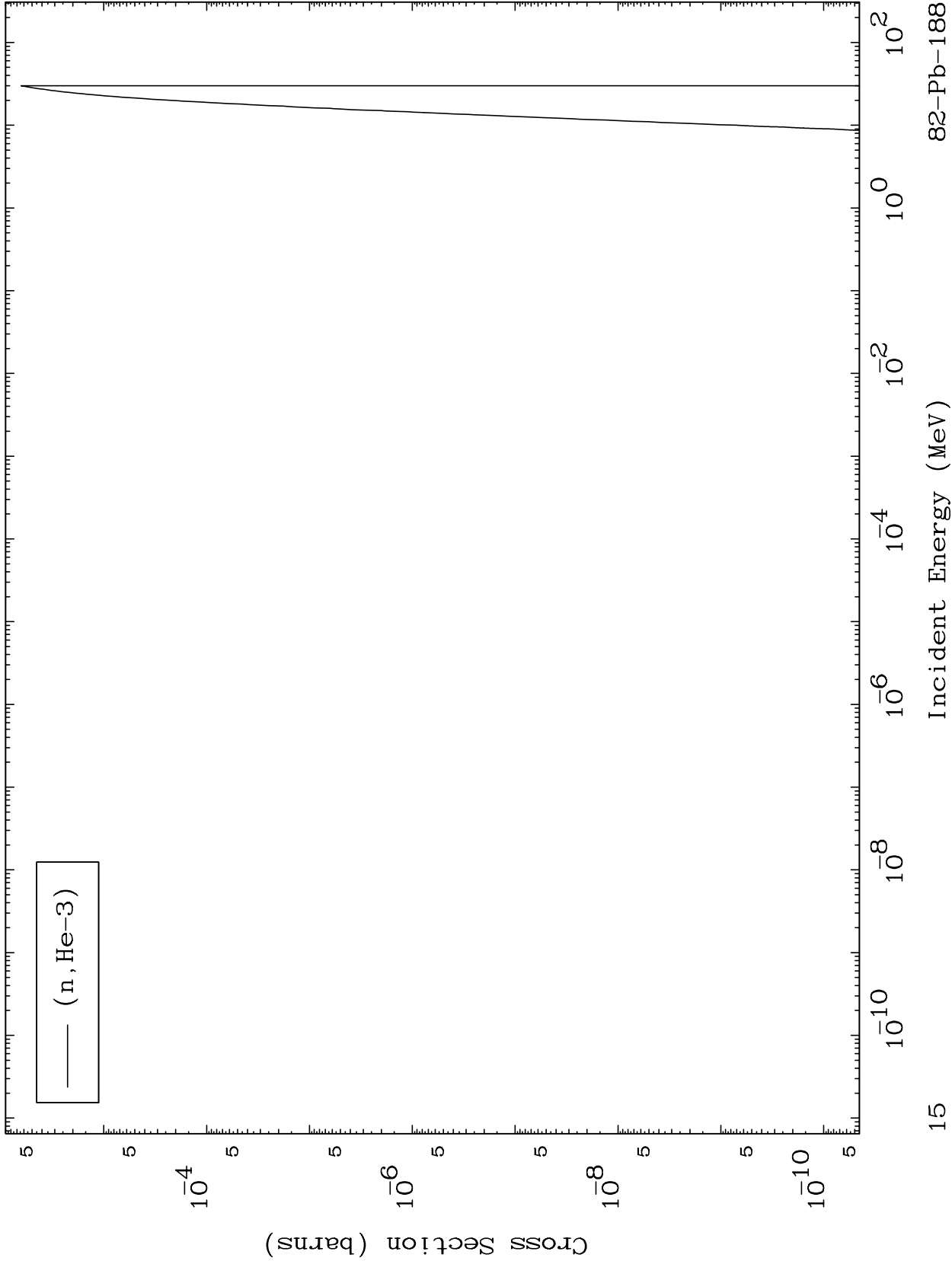
Incident Energy (MeV)

82-Pb-188

MAT 8177

(n,He3) Levels  
293 Kelvin Cross Sections

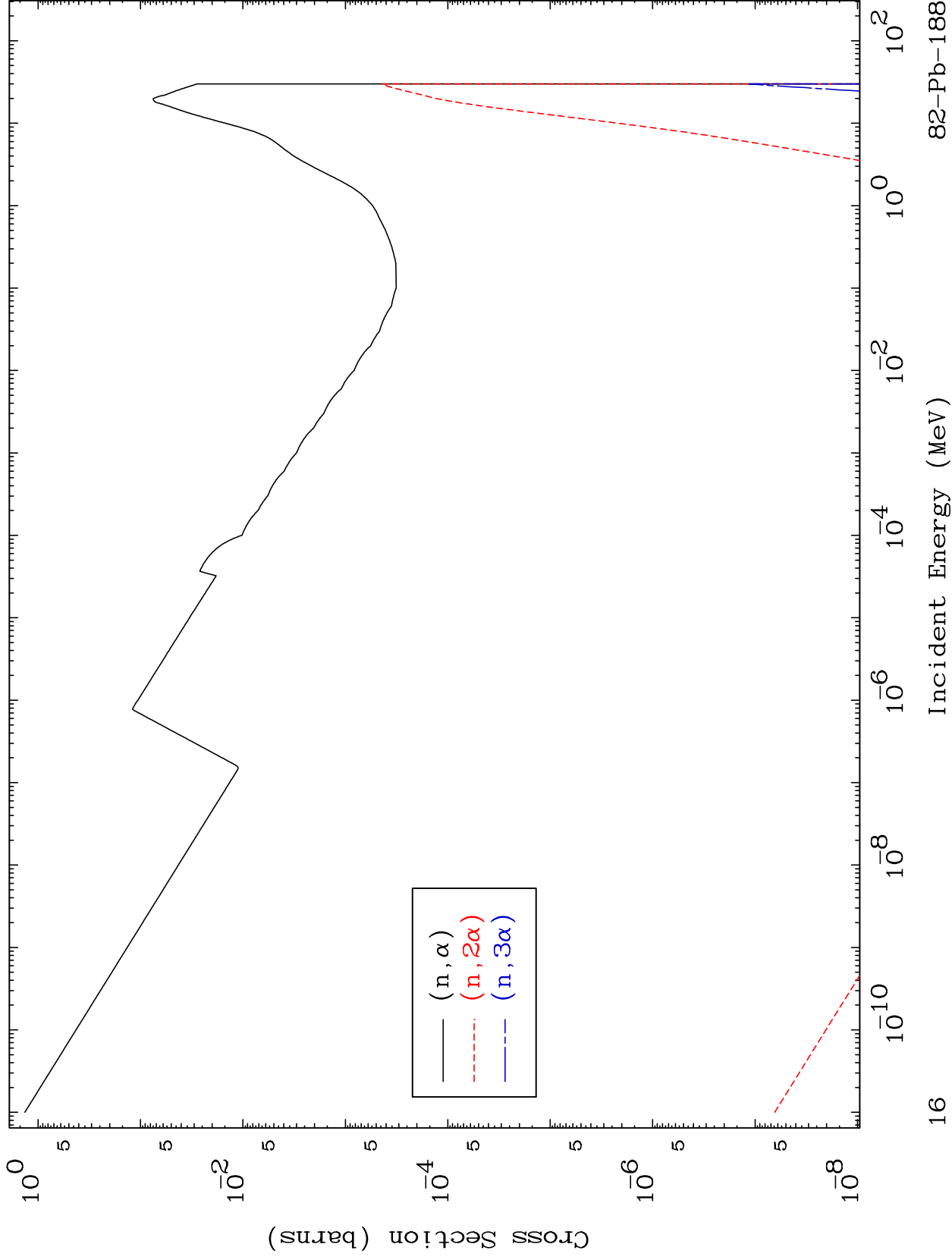
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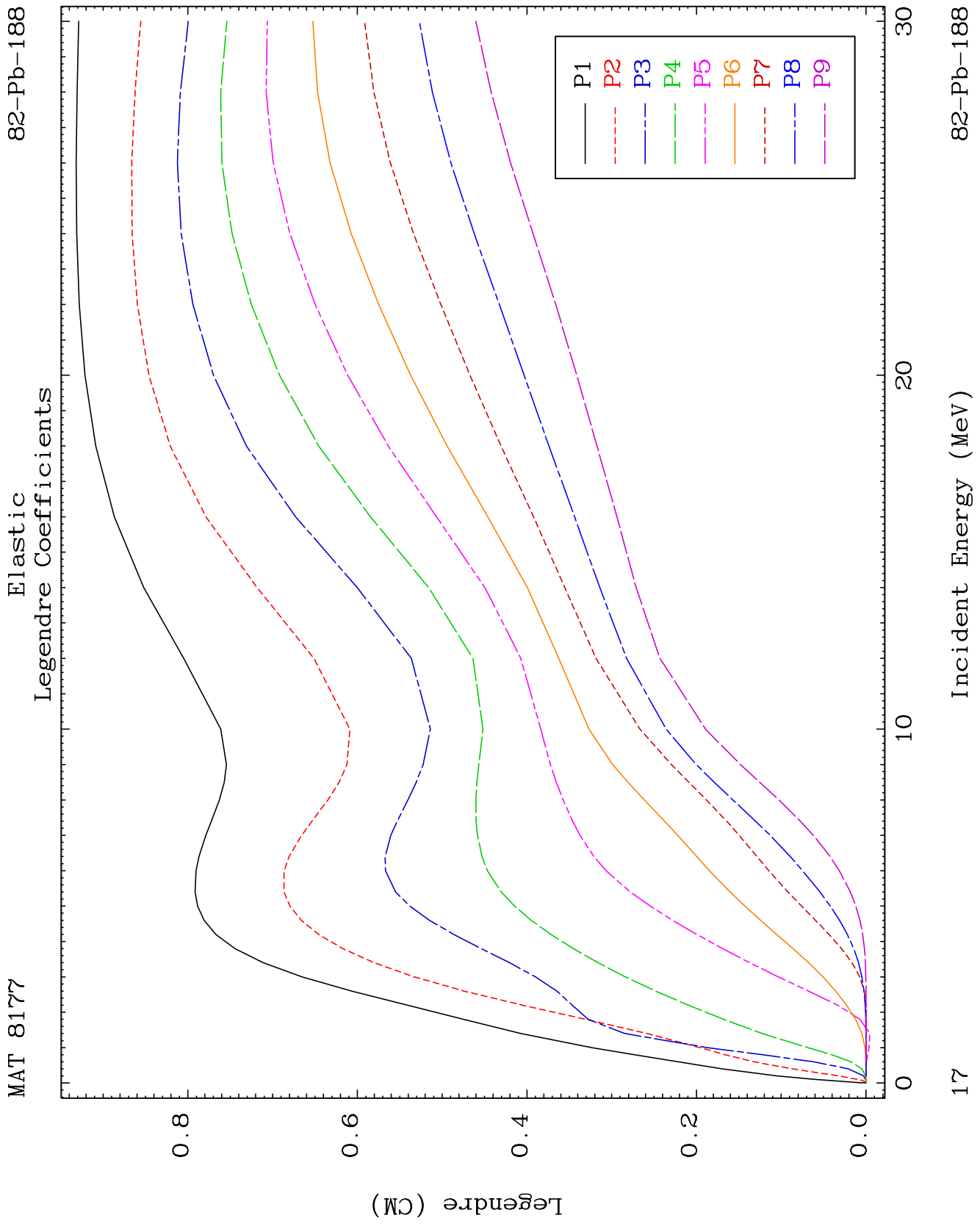


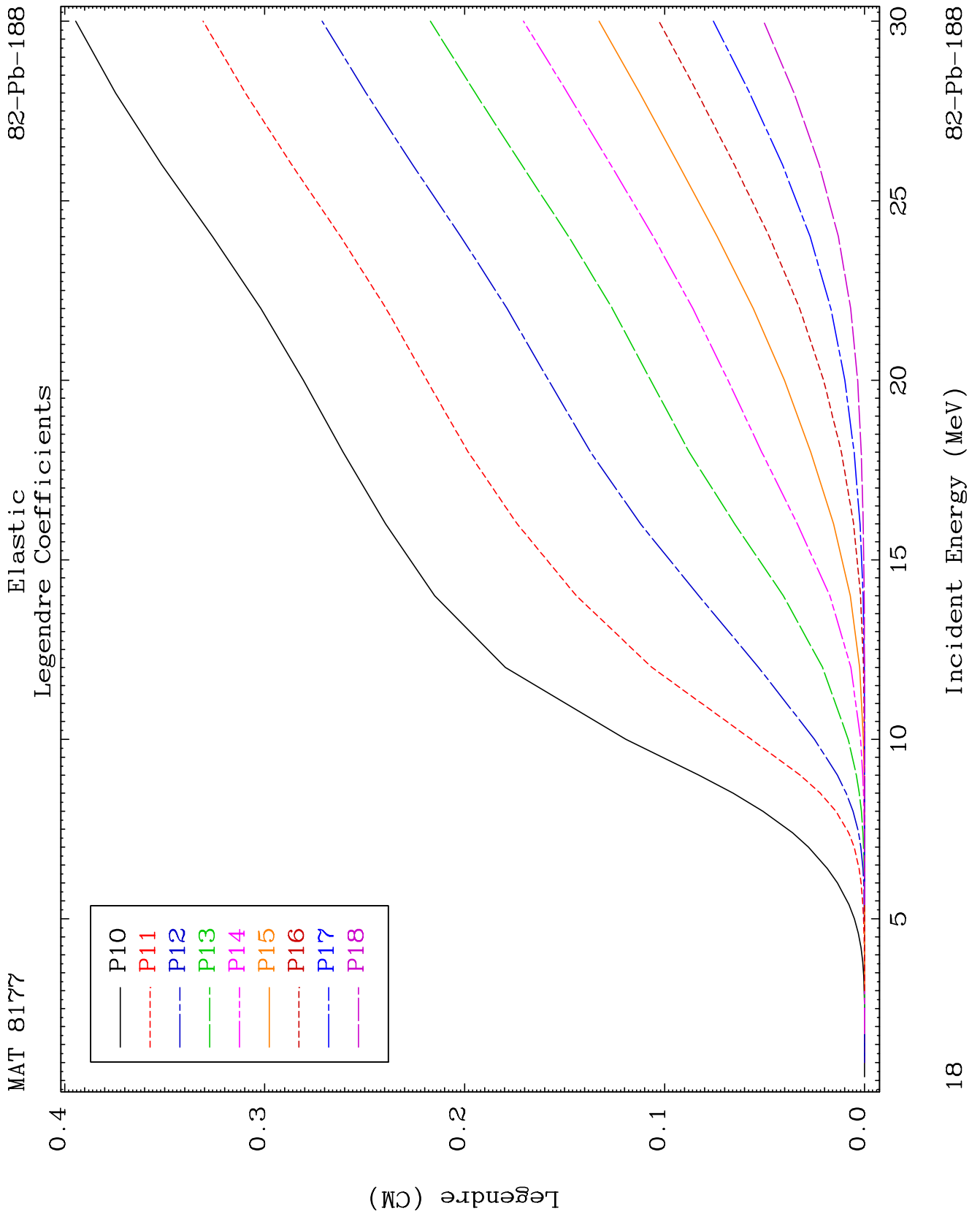
MAT 8177

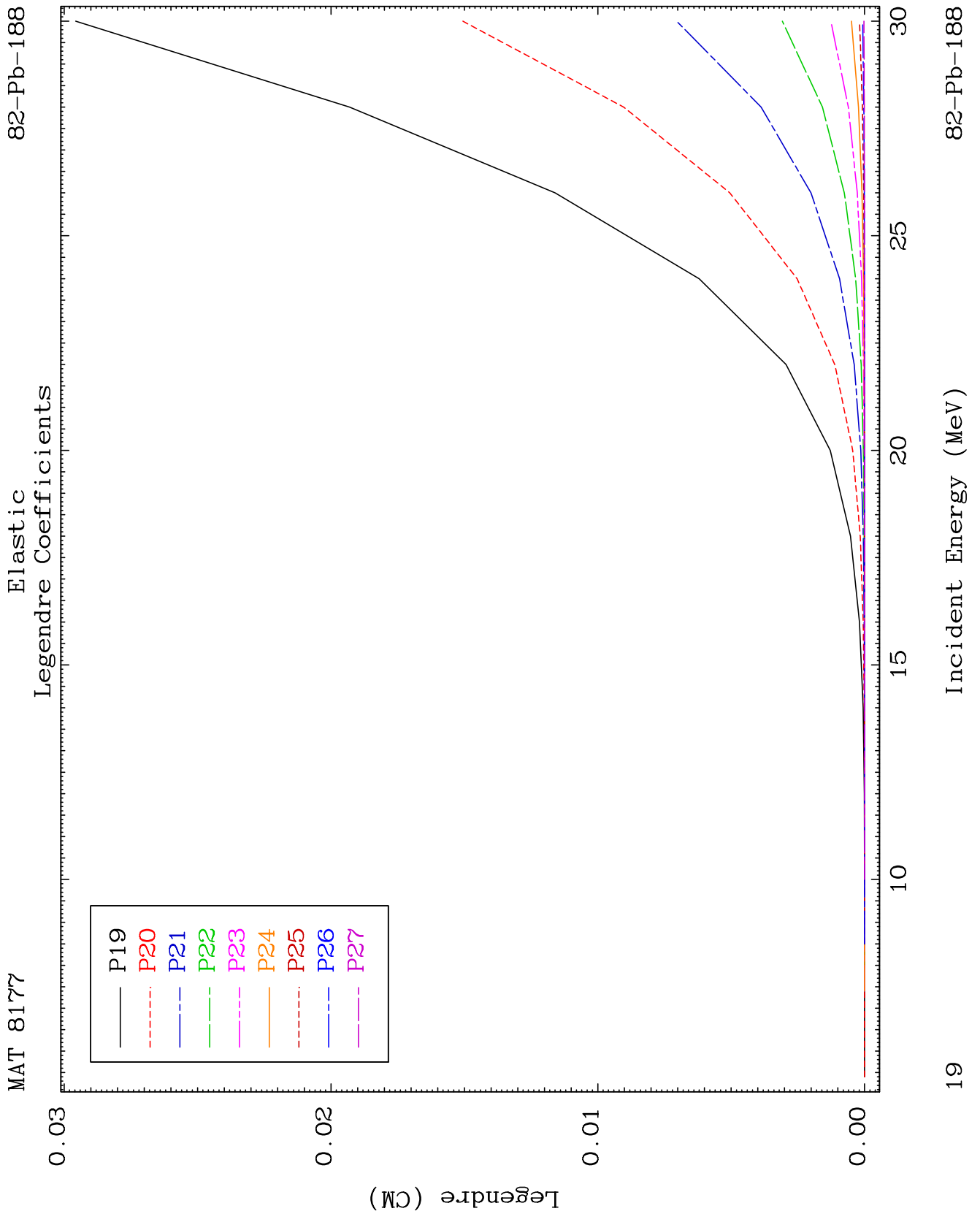
$(n, \alpha)$  Levels  
293 Kelvin Cross Sections

82-Pb-188









MAT 8177

Elastic Legendre Coefficients

82-Pb-188

19

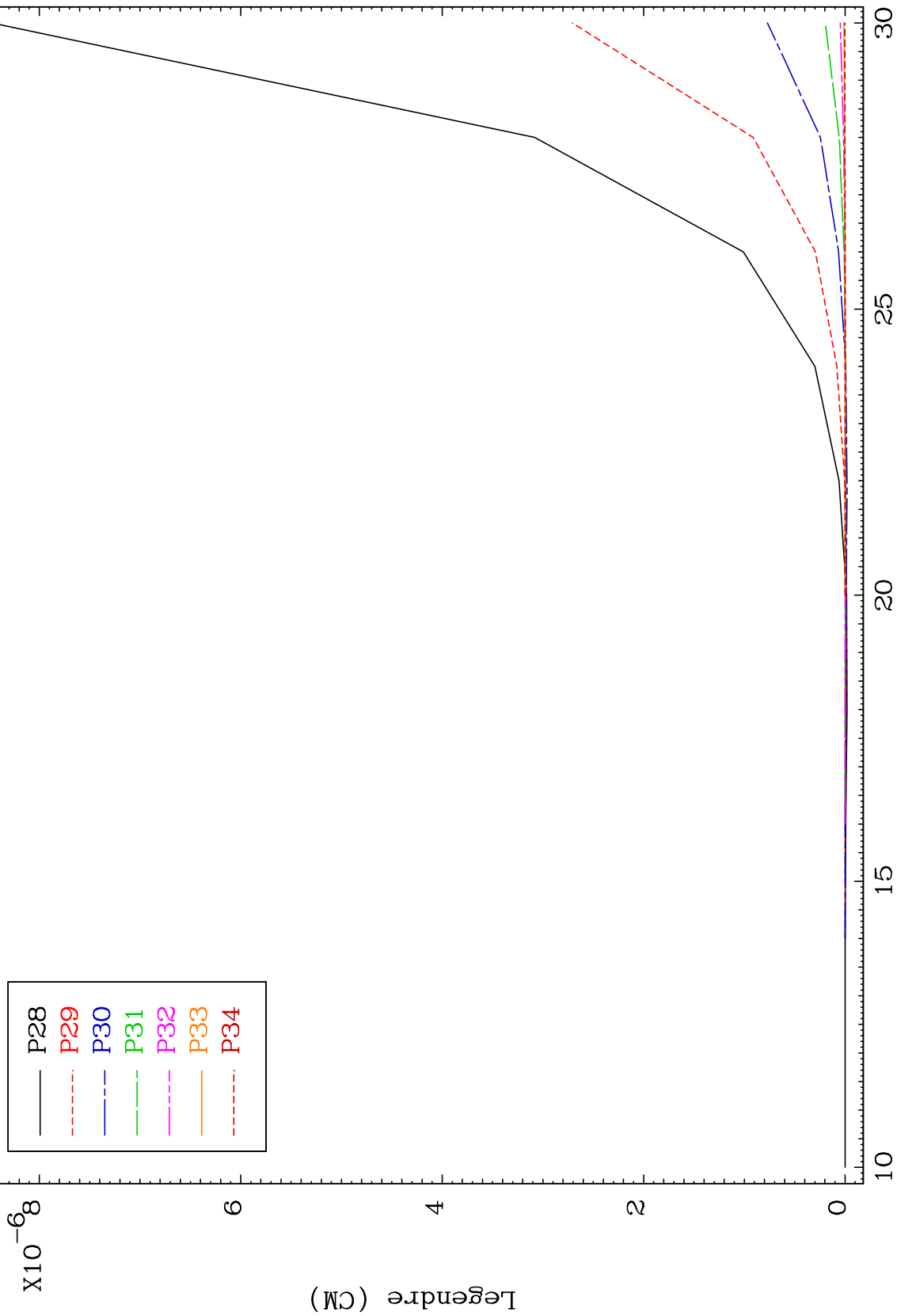
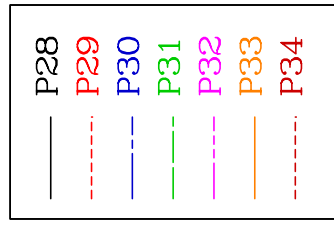
Incident Energy (MeV)

82-Pb-188

MAT 8177

Elastic  
Legendre Coefficients

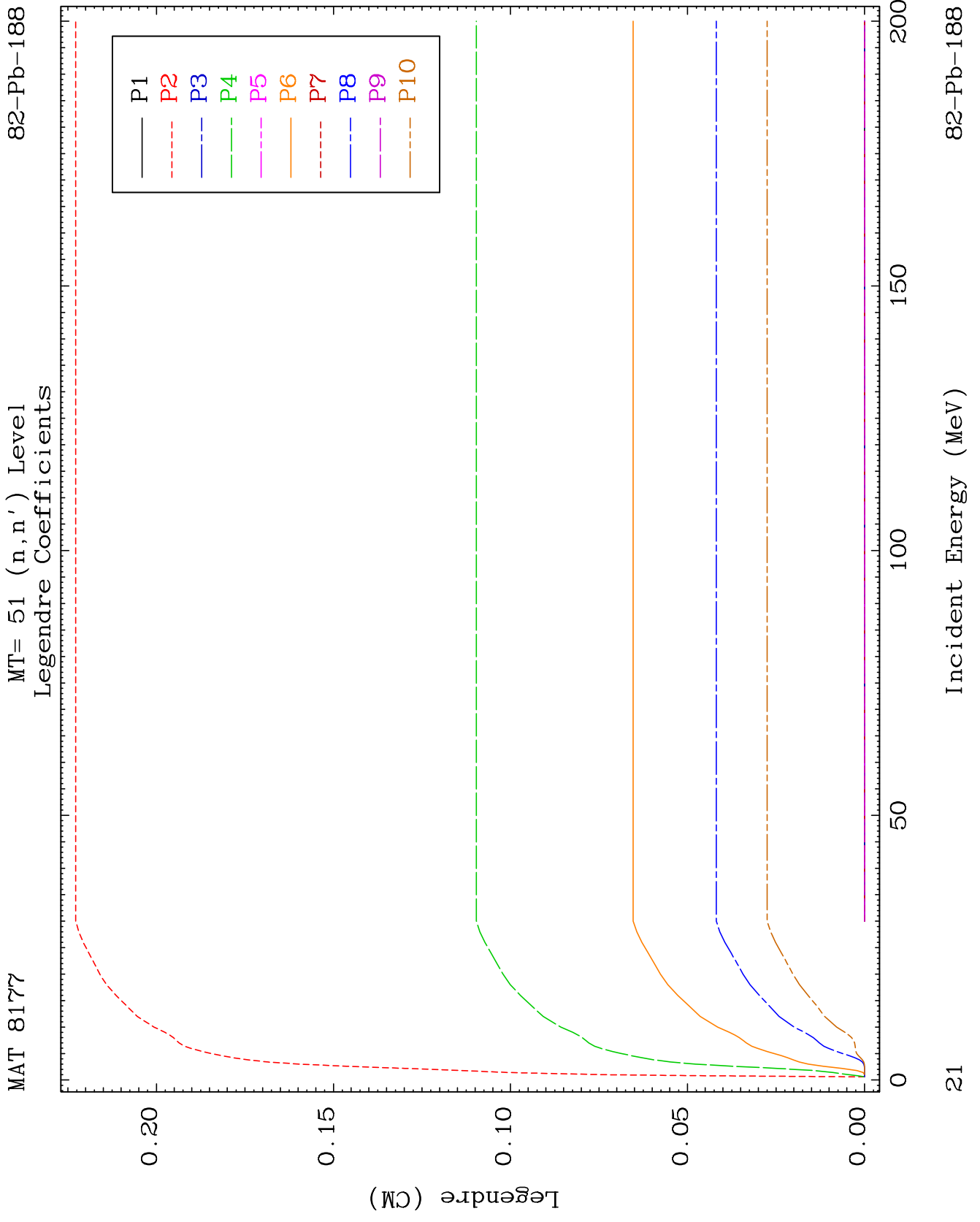
82-Pb-188



20

Incident Energy (MeV)

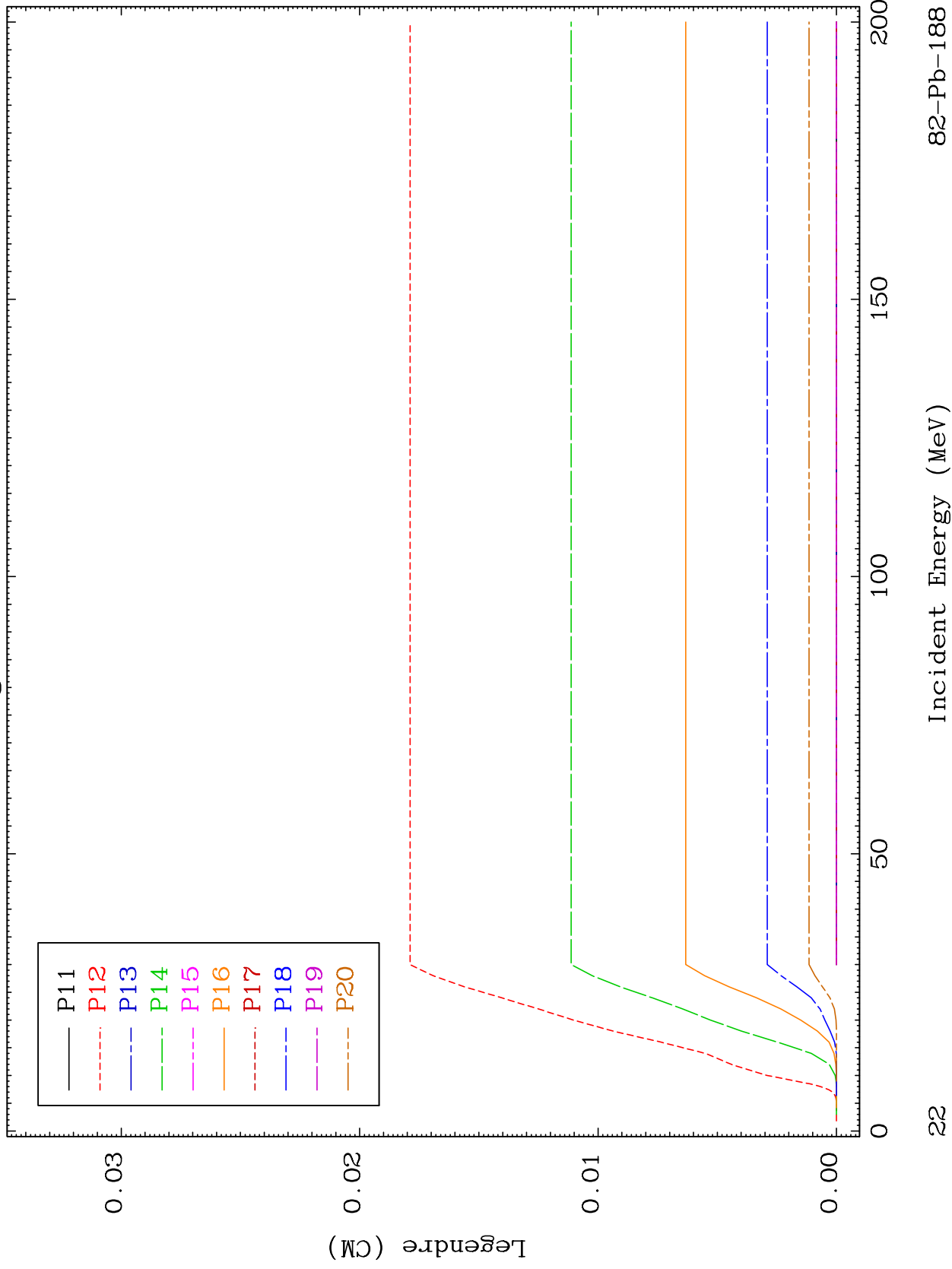
82-Pb-188



MAT 8177

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

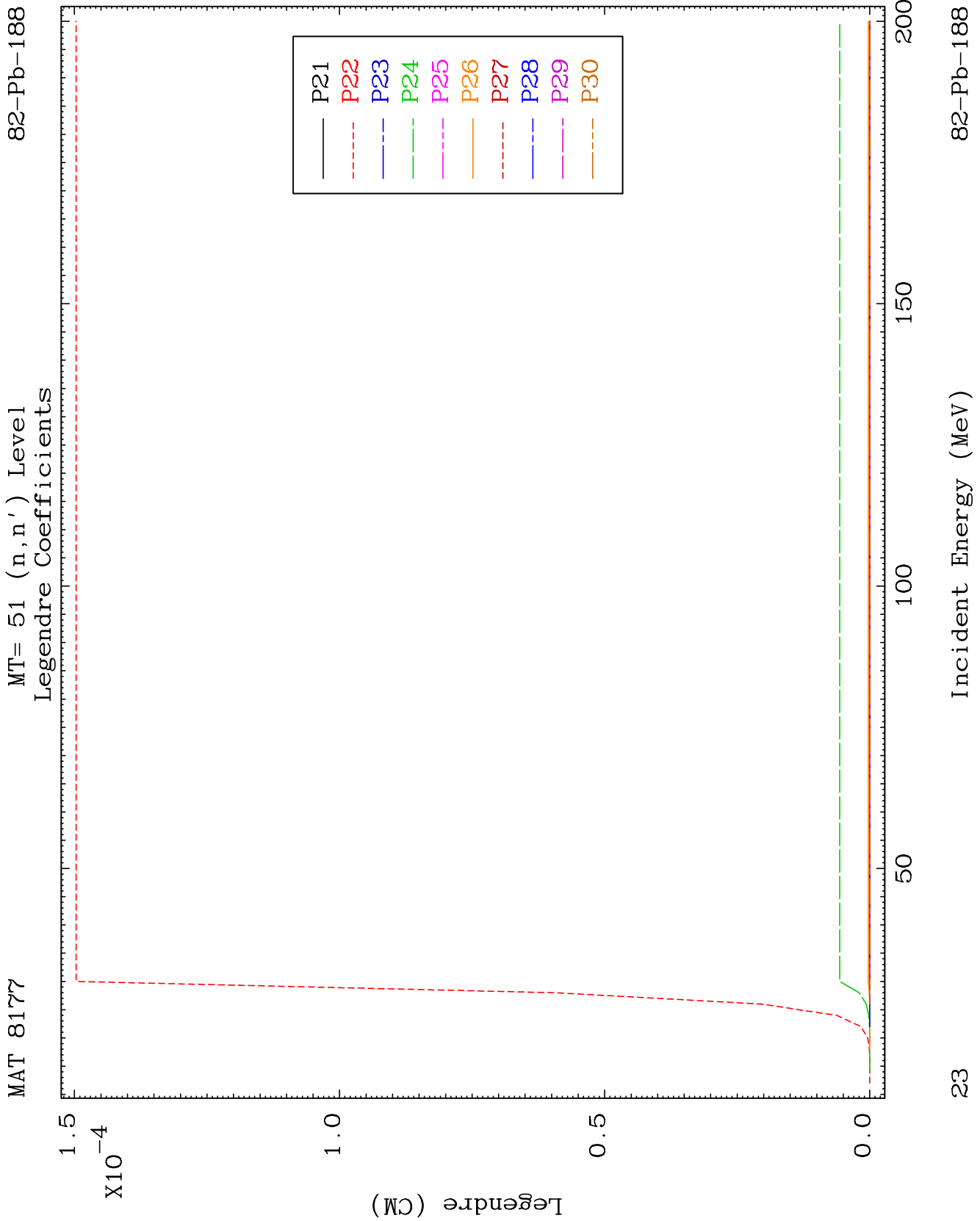
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22

Incident Energy (MeV)

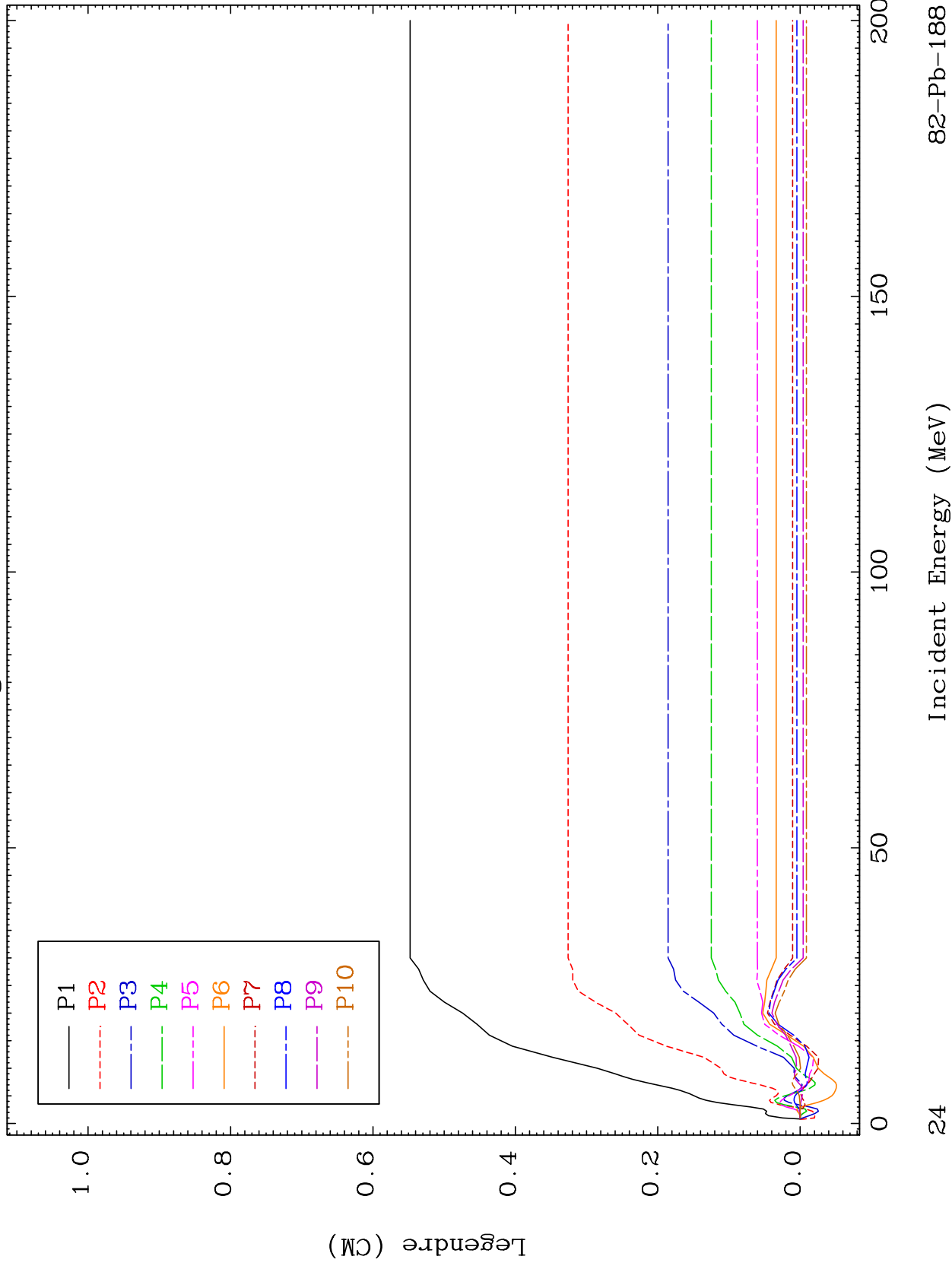
82-Pb-188



MAT 8177

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

82-Pb-188



24

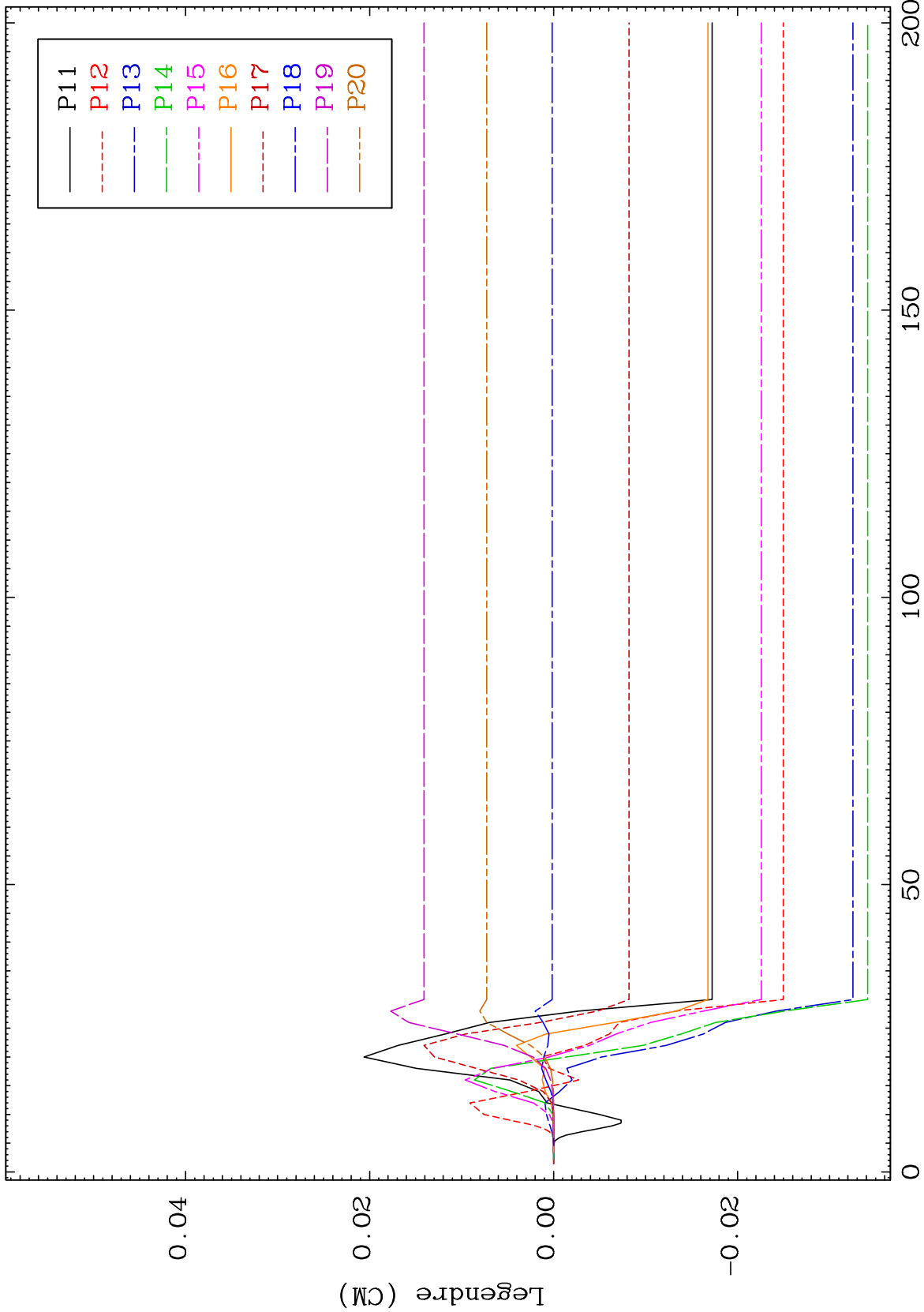
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



25

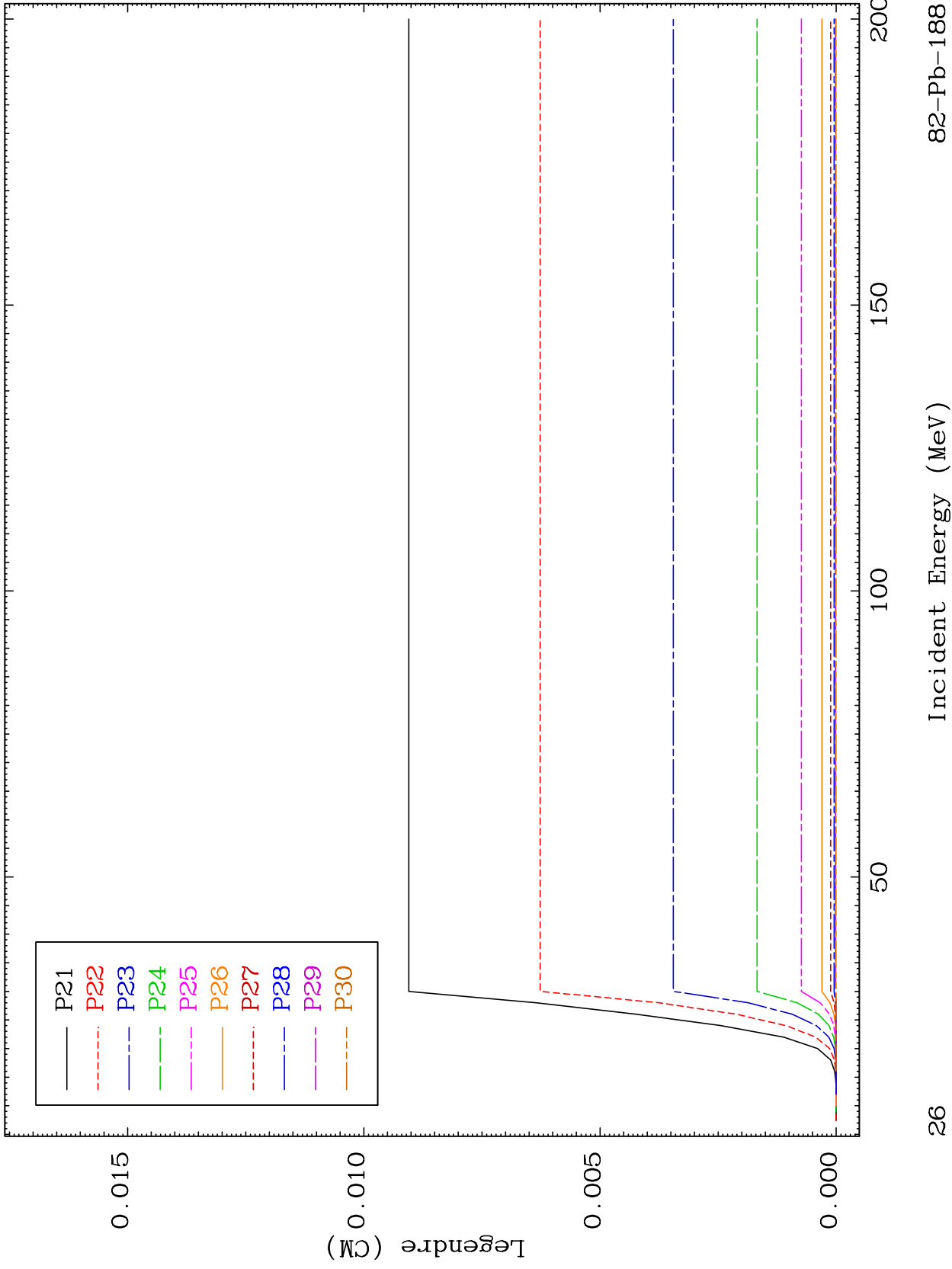
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



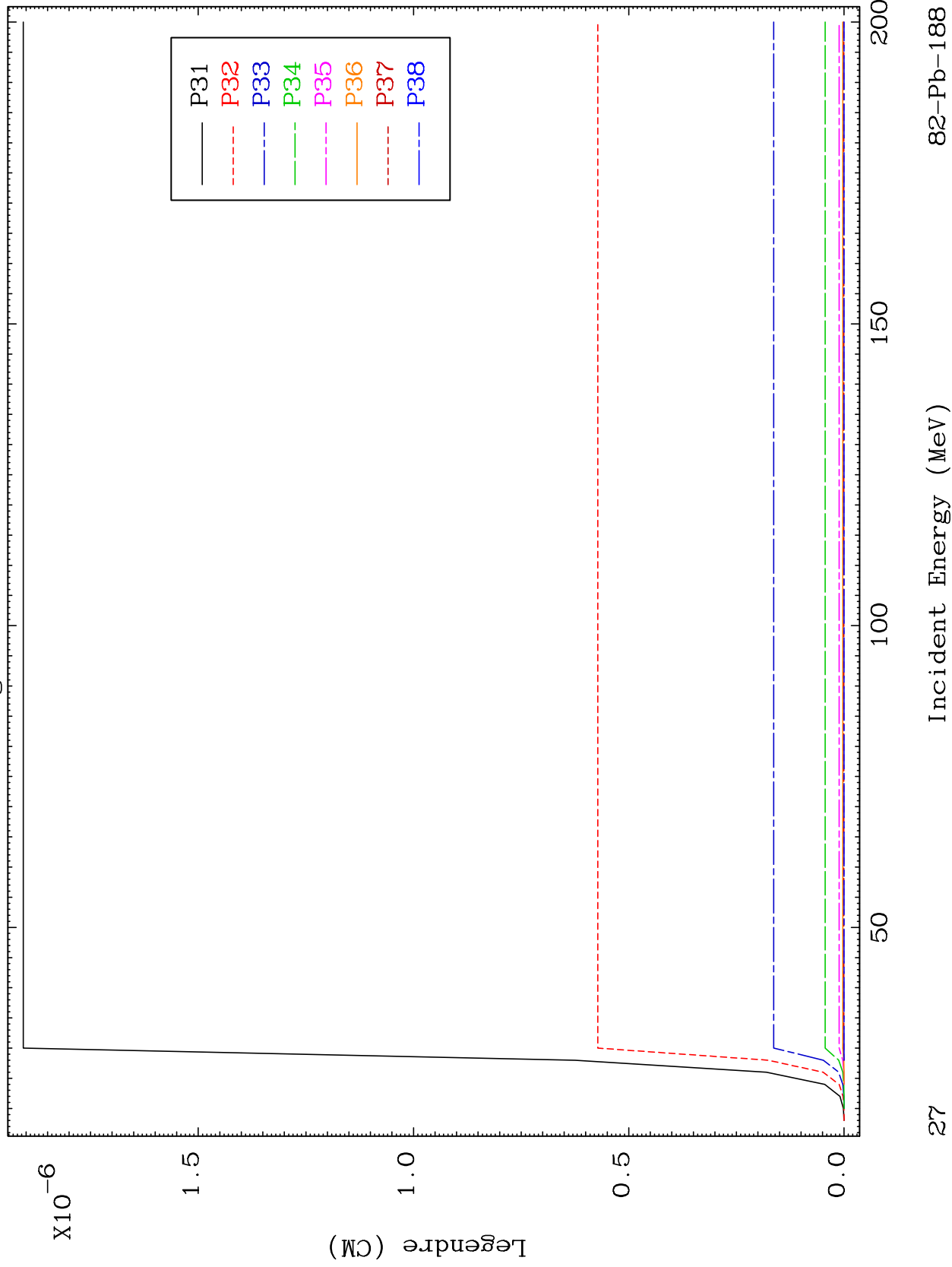
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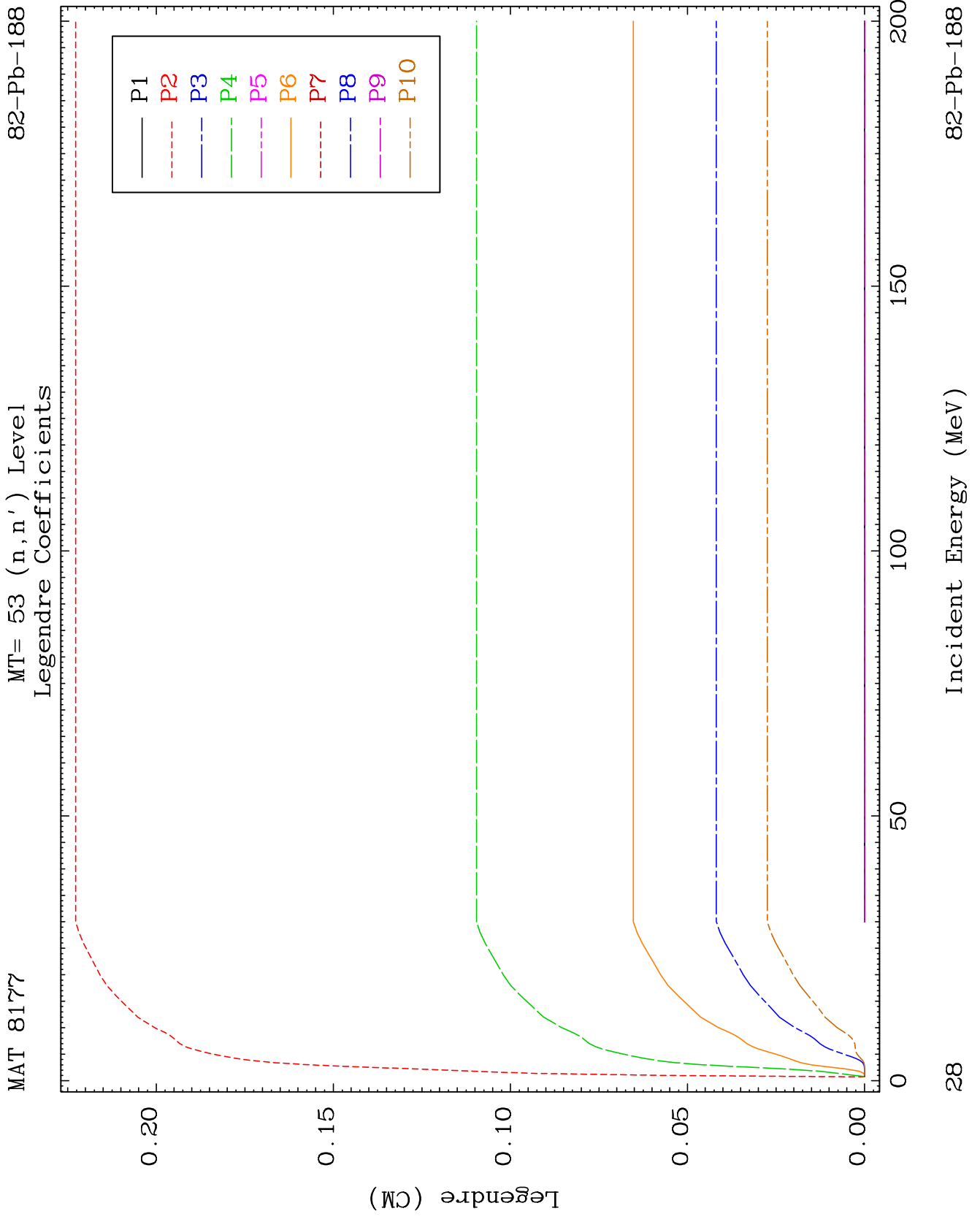
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MAT 8177

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

82-Pb-188

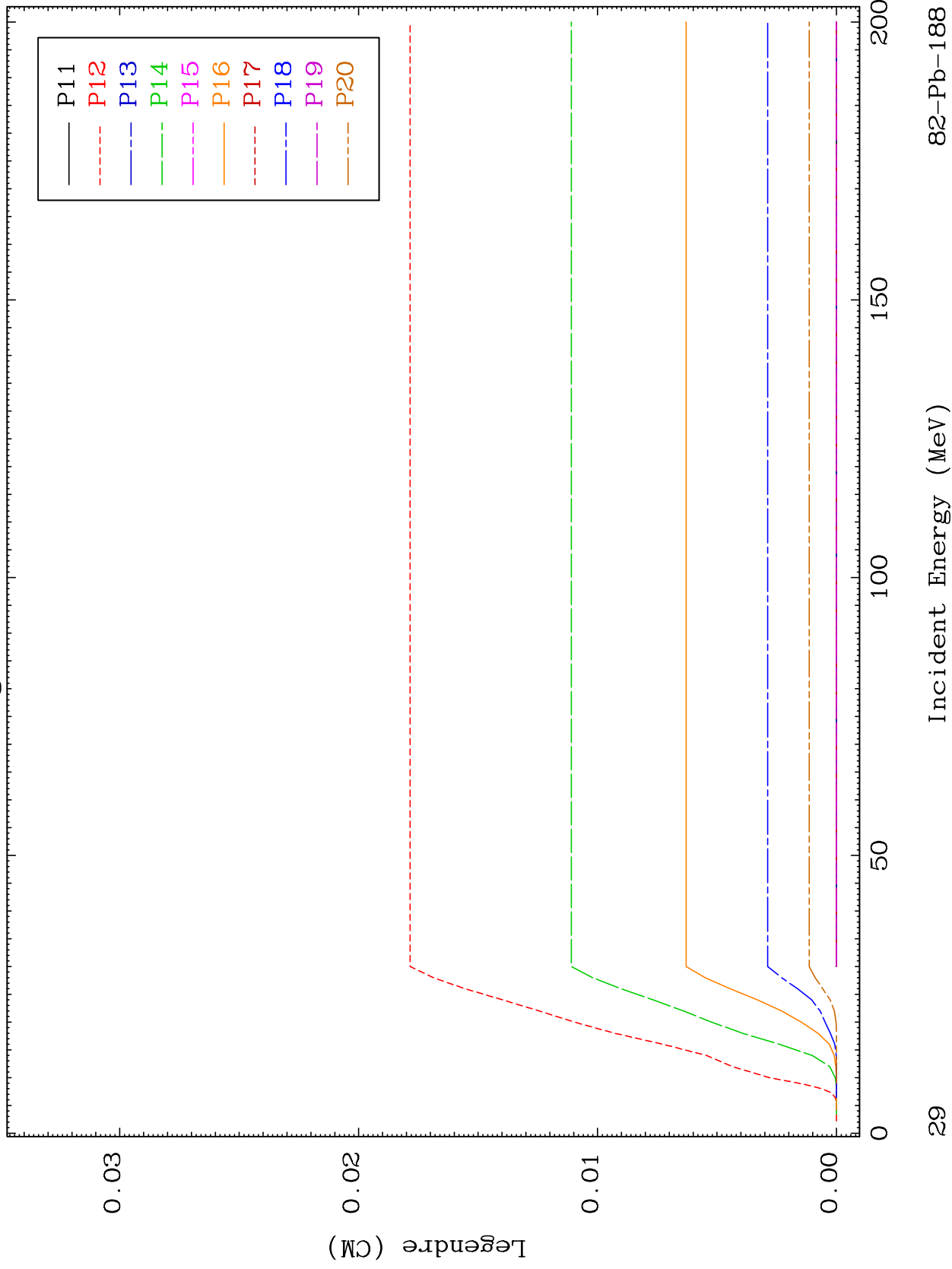




MAT 8177

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

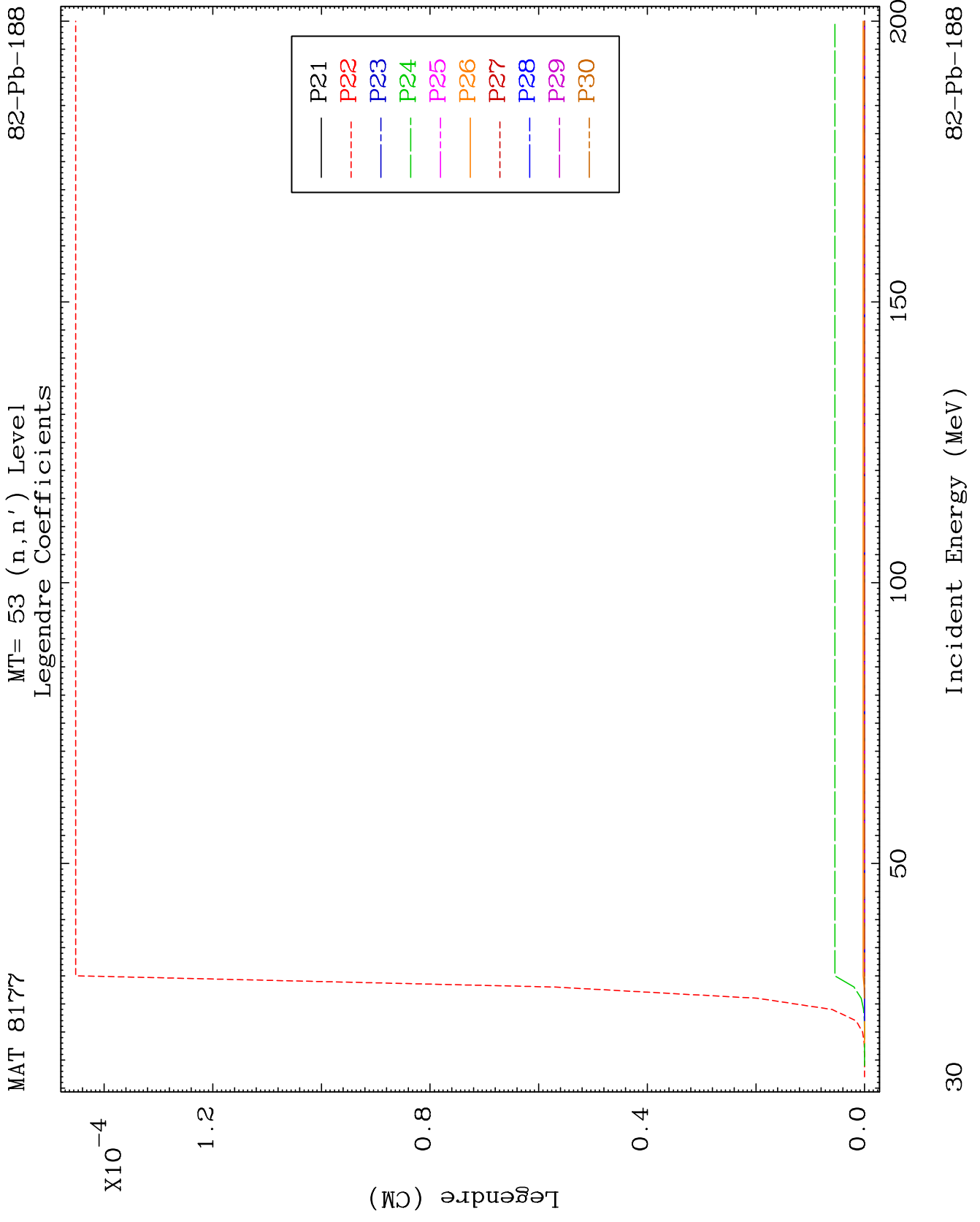
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29

Incident Energy (MeV)

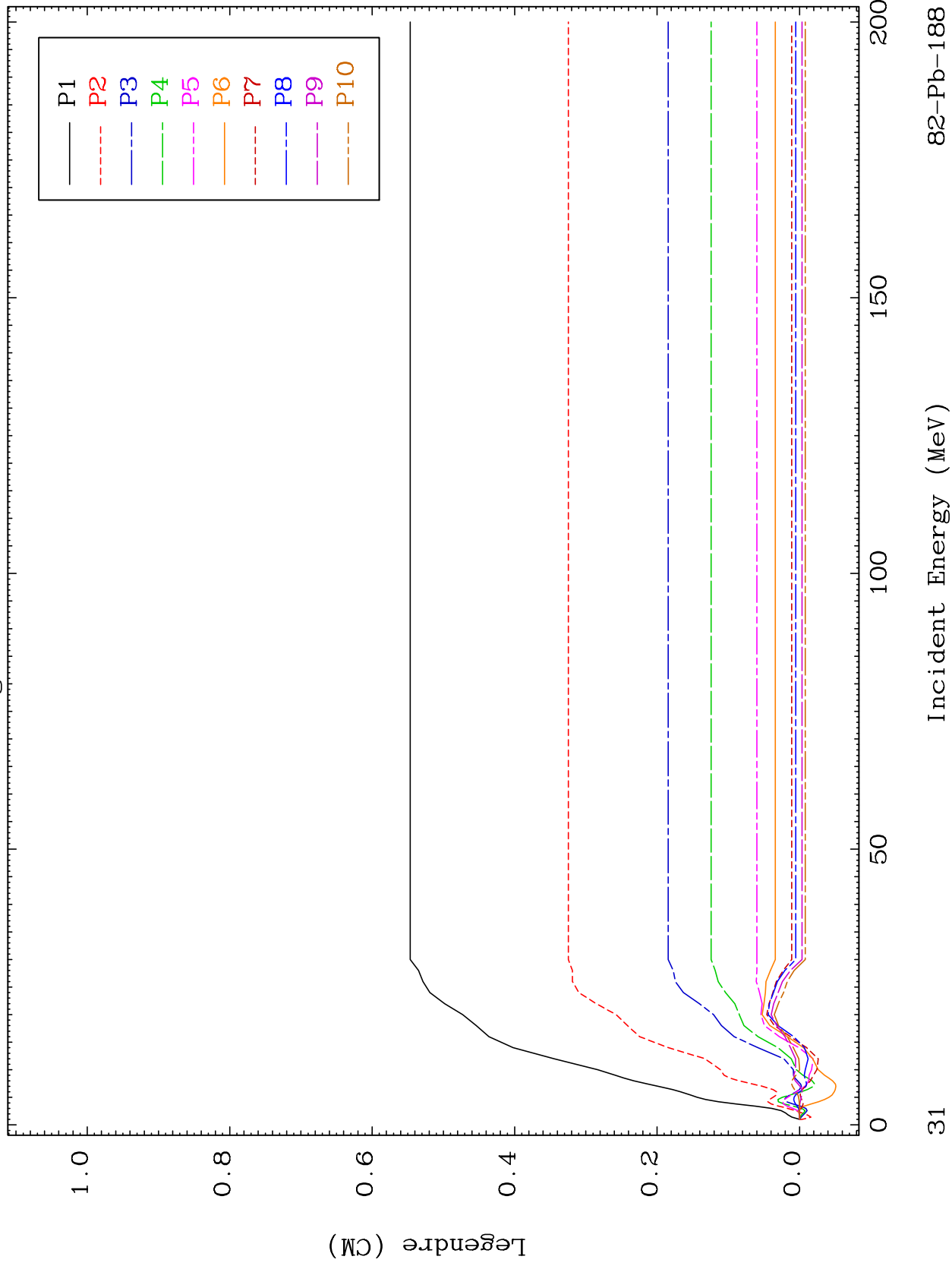
82-Pb-188



MAT 8177

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

82-Pb-188



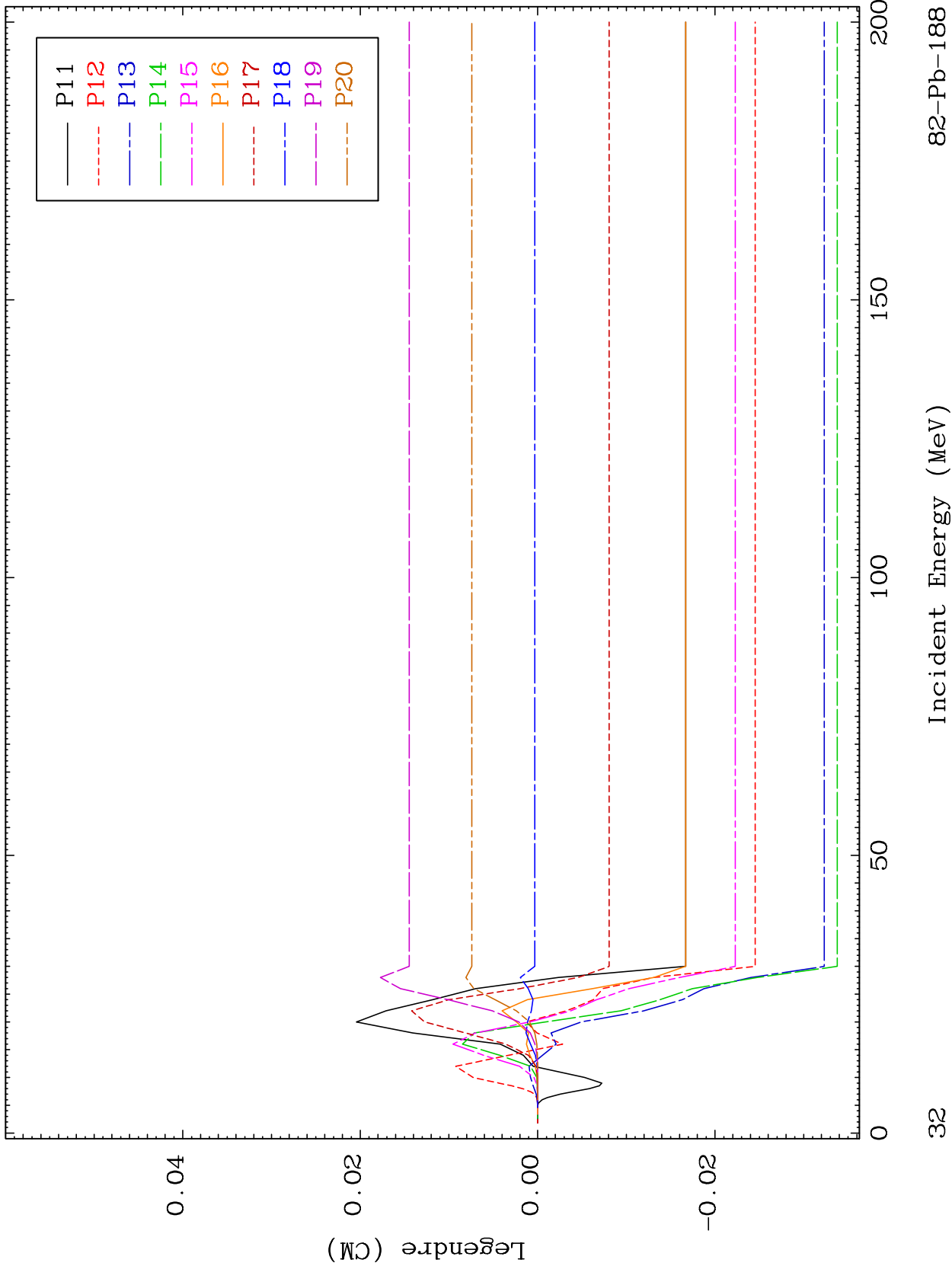
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82-Pb-188

MAT 8177

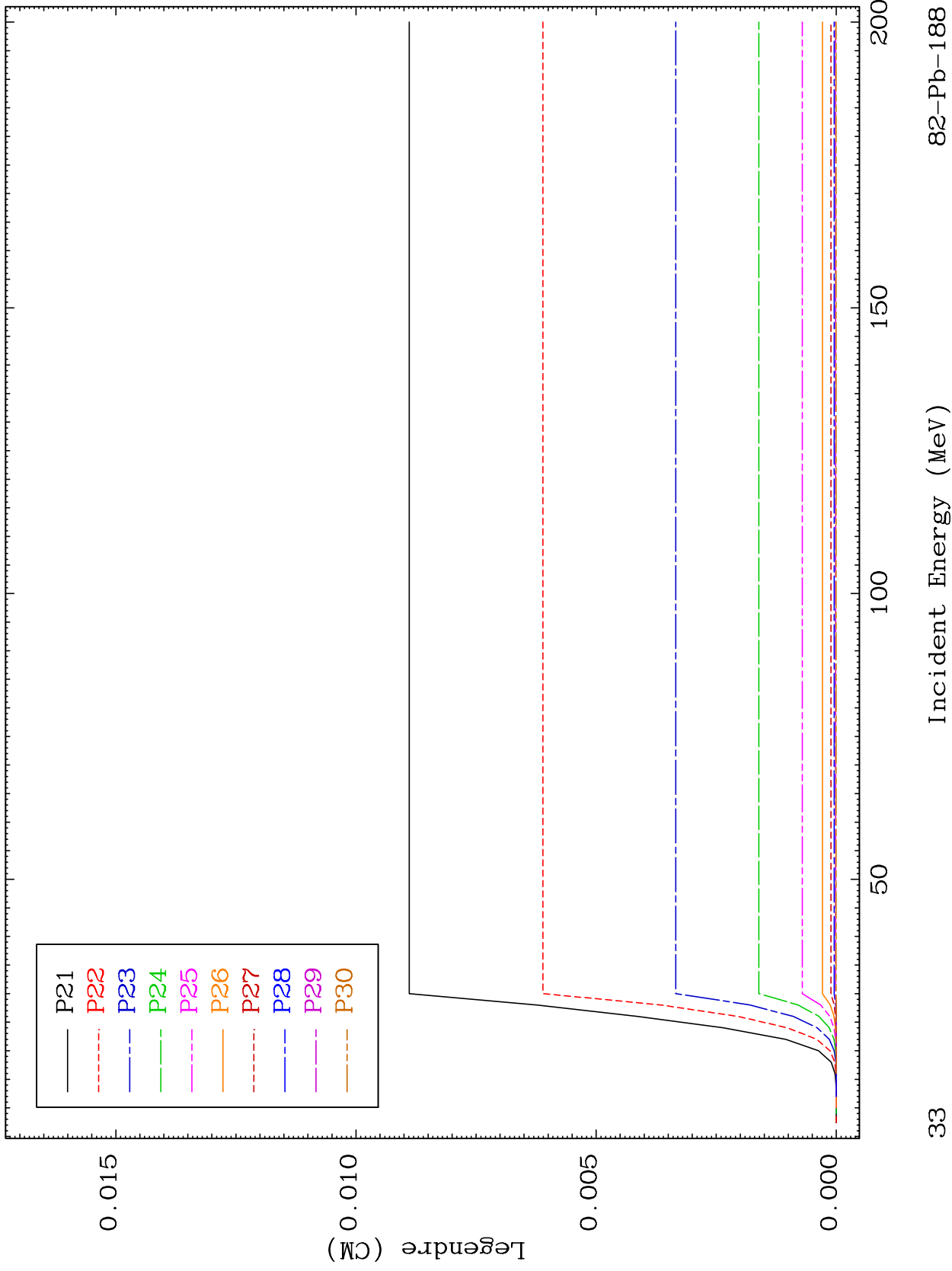
MT= 54 (n,n') Level  
Legendre Coefficients

82-Pb-188



32

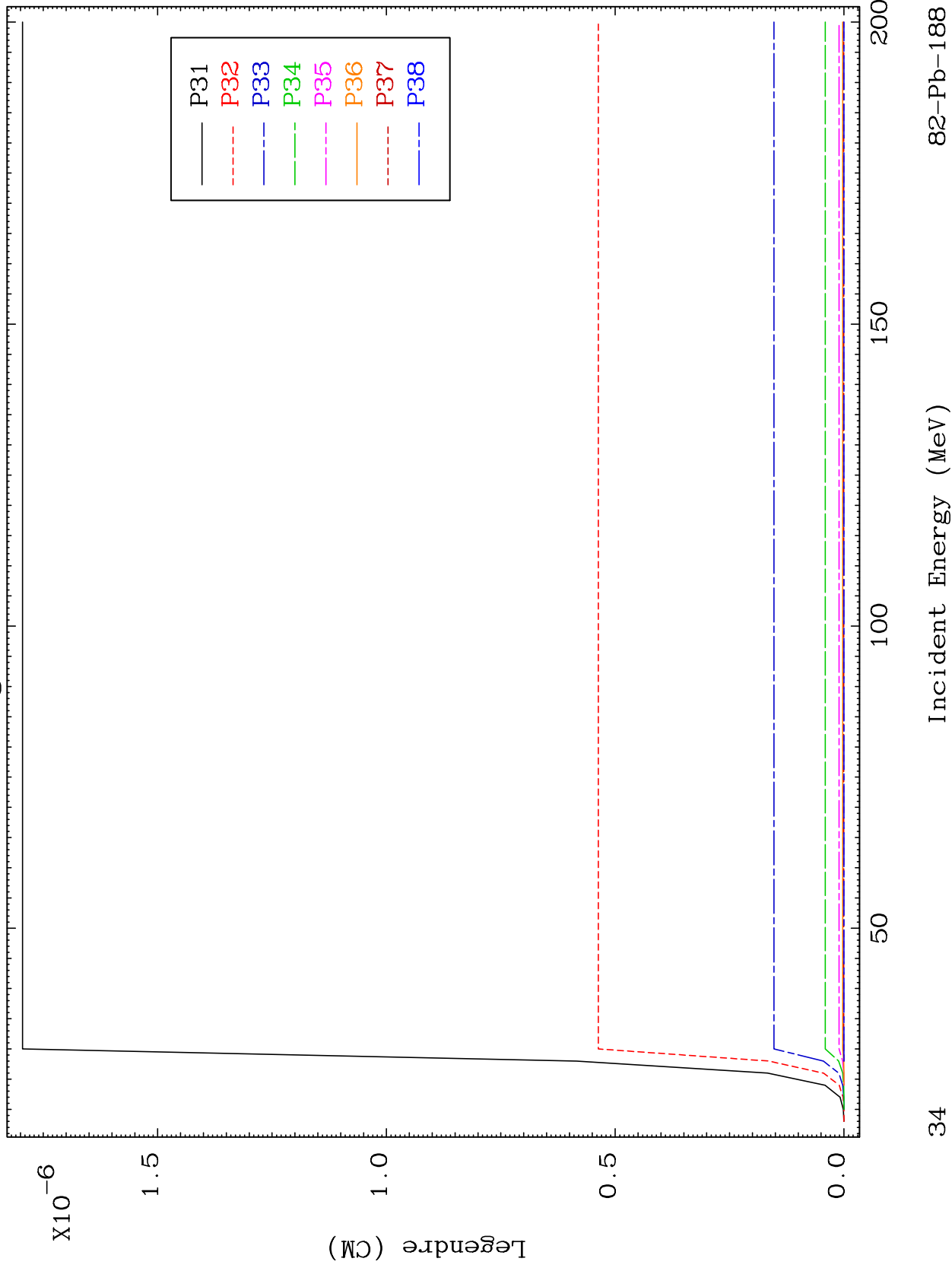
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MAT 8177

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

82-Pb-188

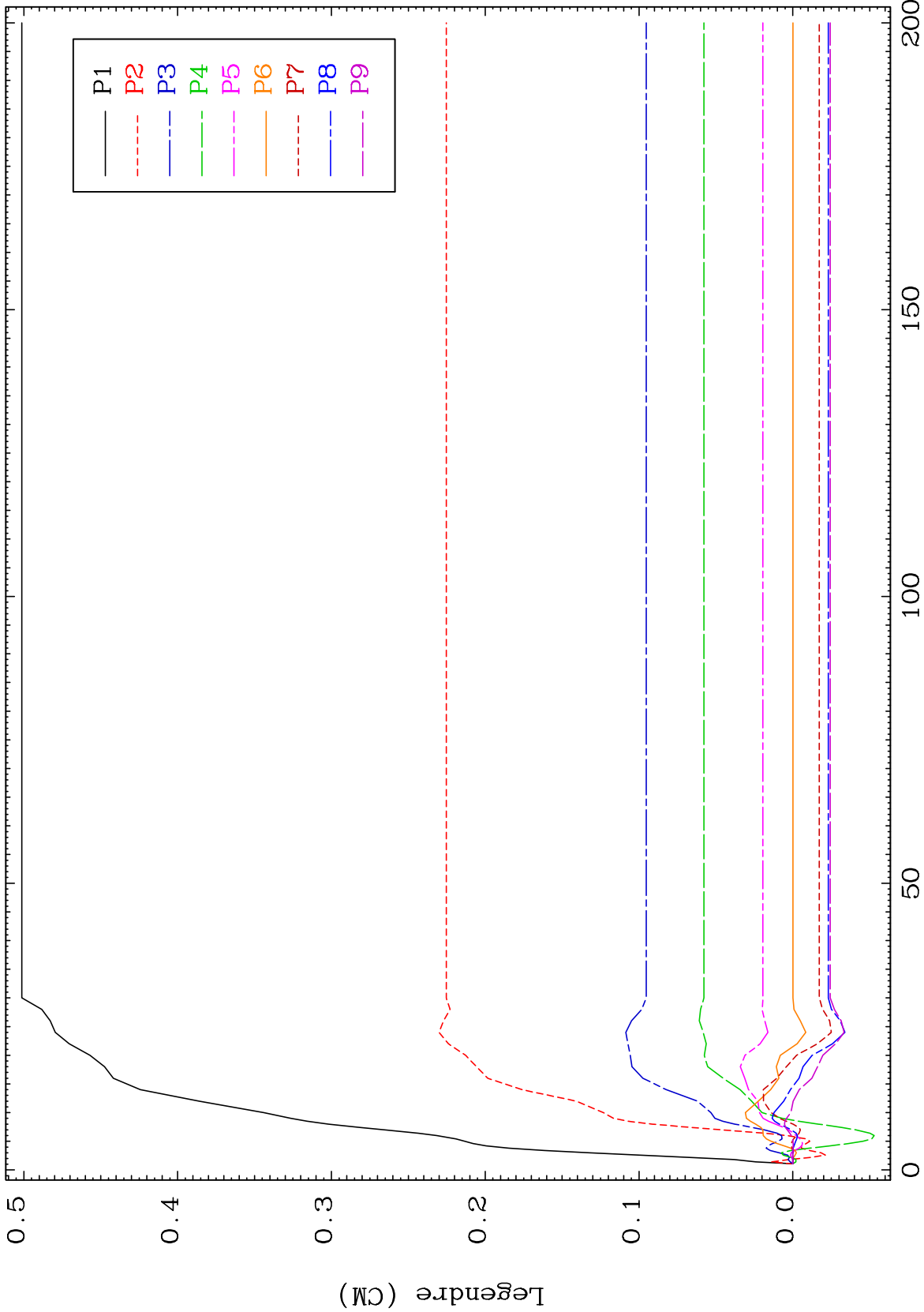


MAT 8177

MT= 55 (n,n') Level

82-Pb-188

Legendre Coefficients



Incident Energy (MeV)

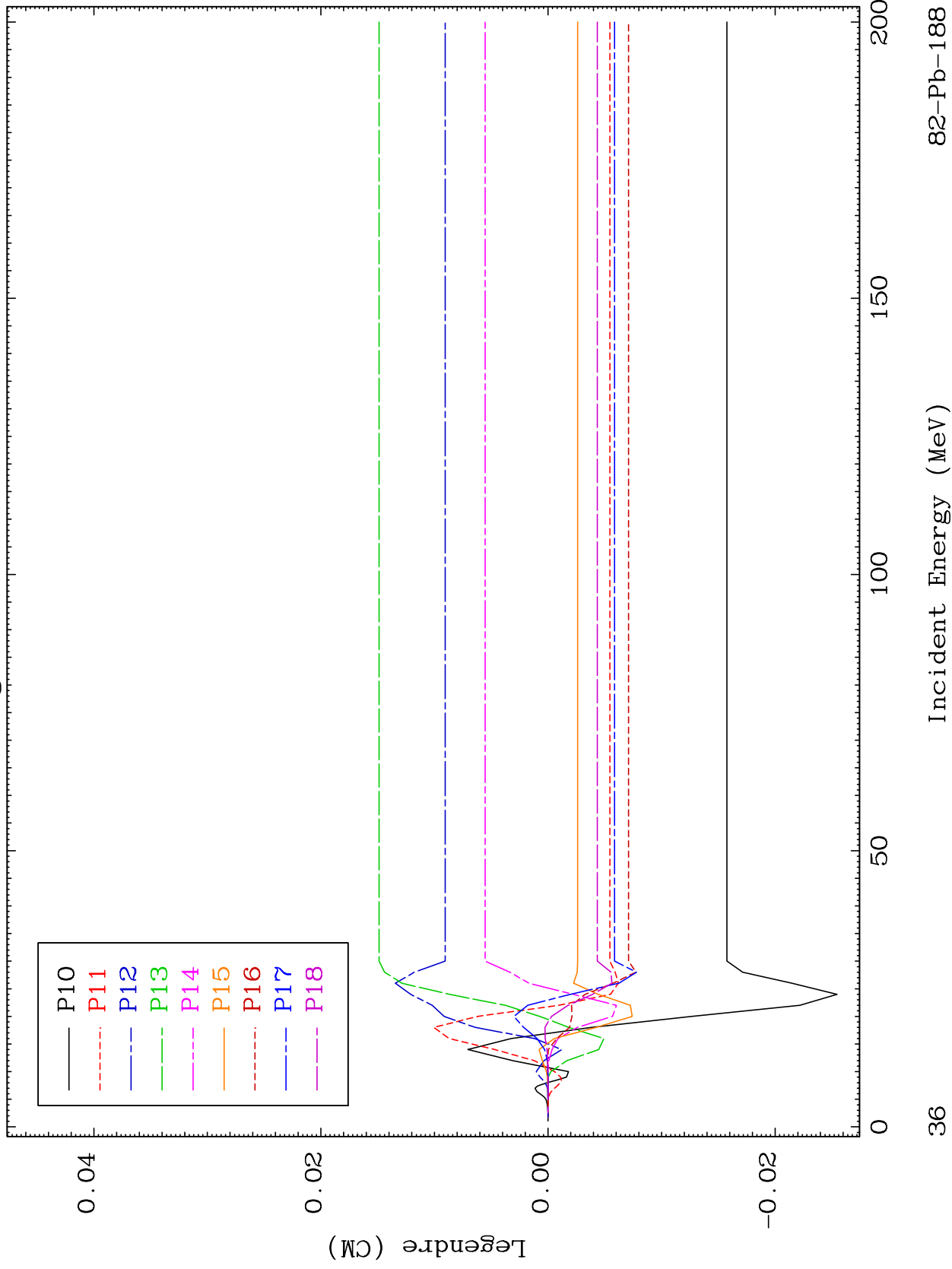
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35

MAT 8177

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

82-Pb-188



36

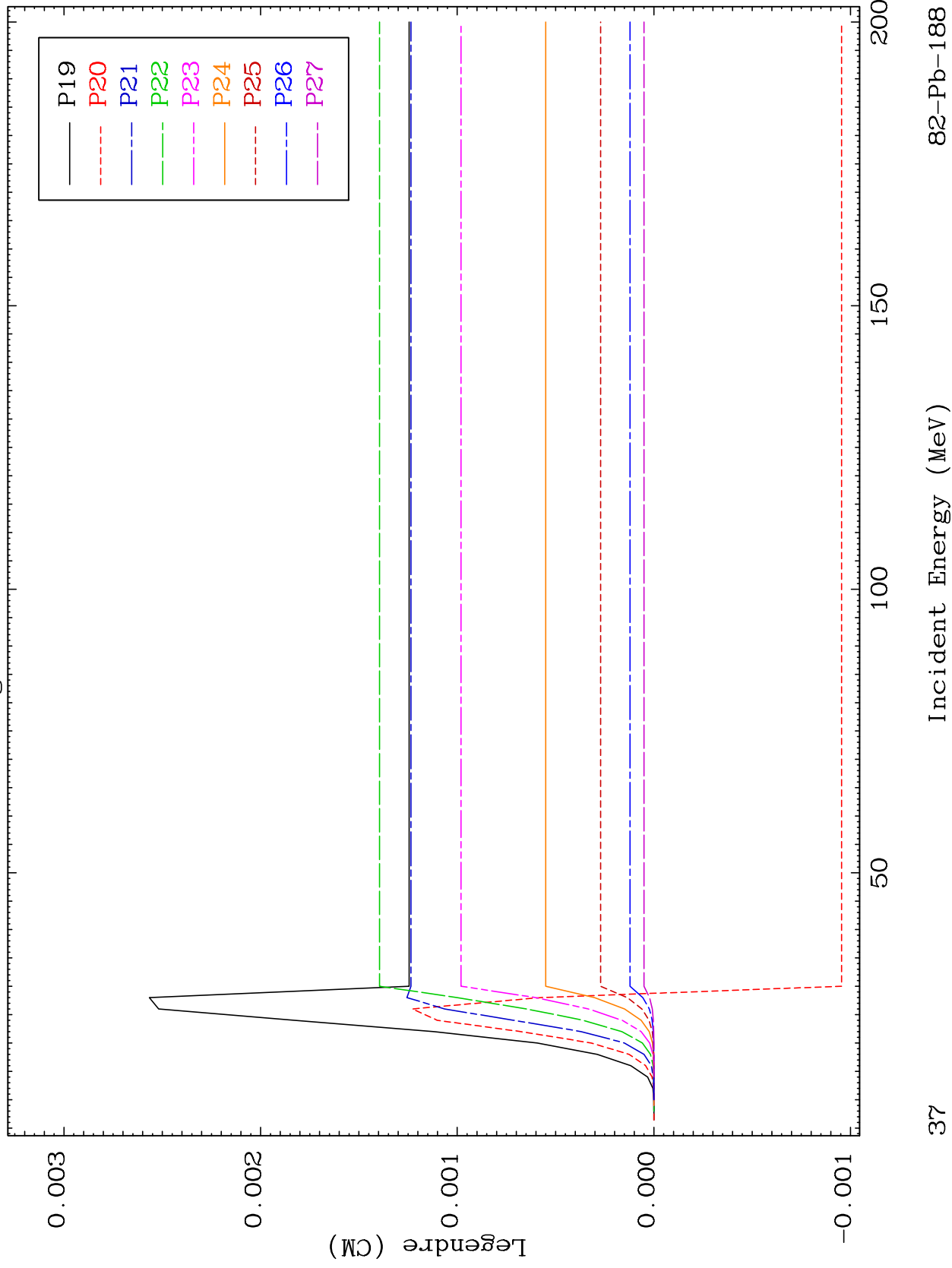
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



37

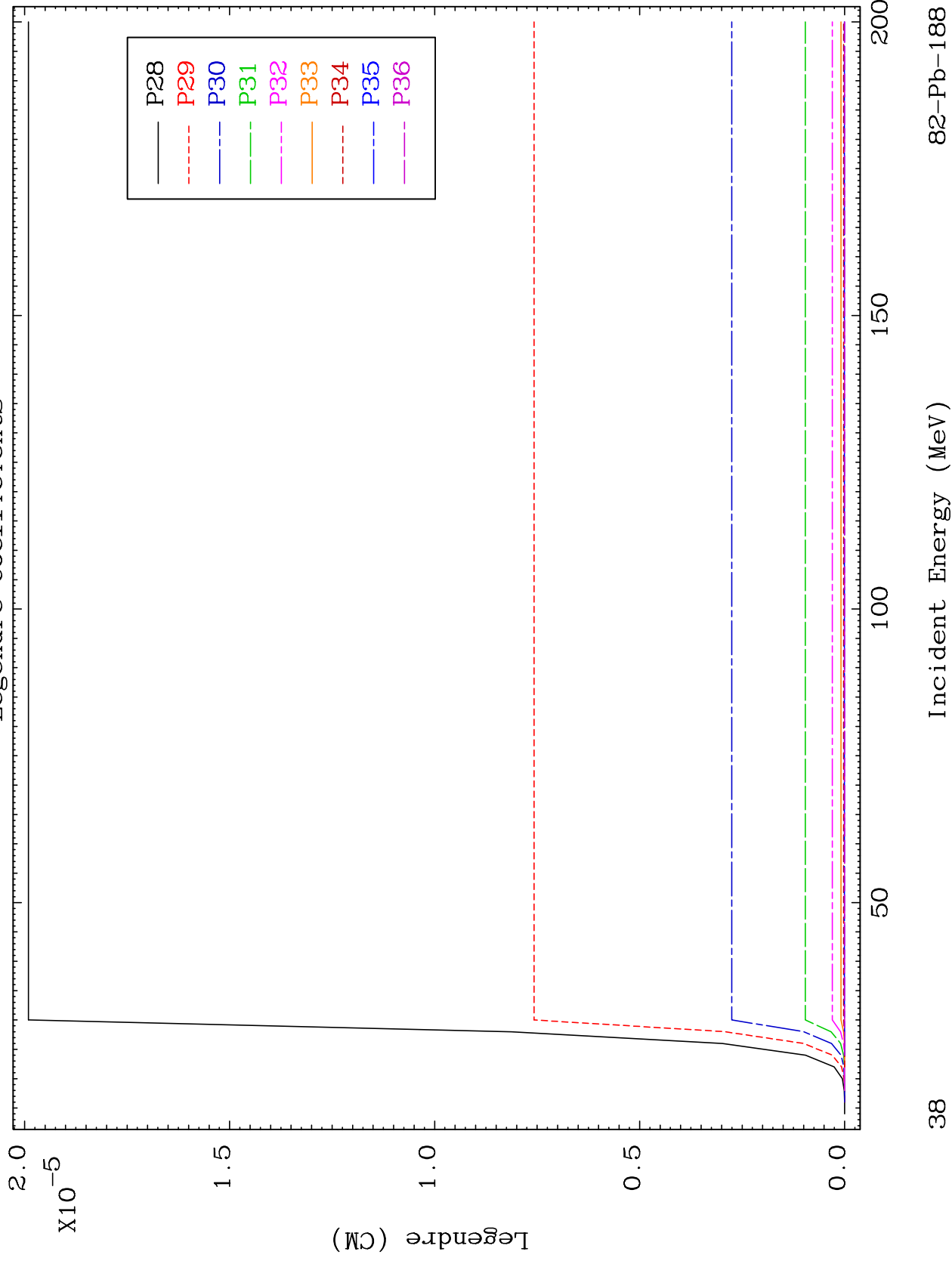
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188

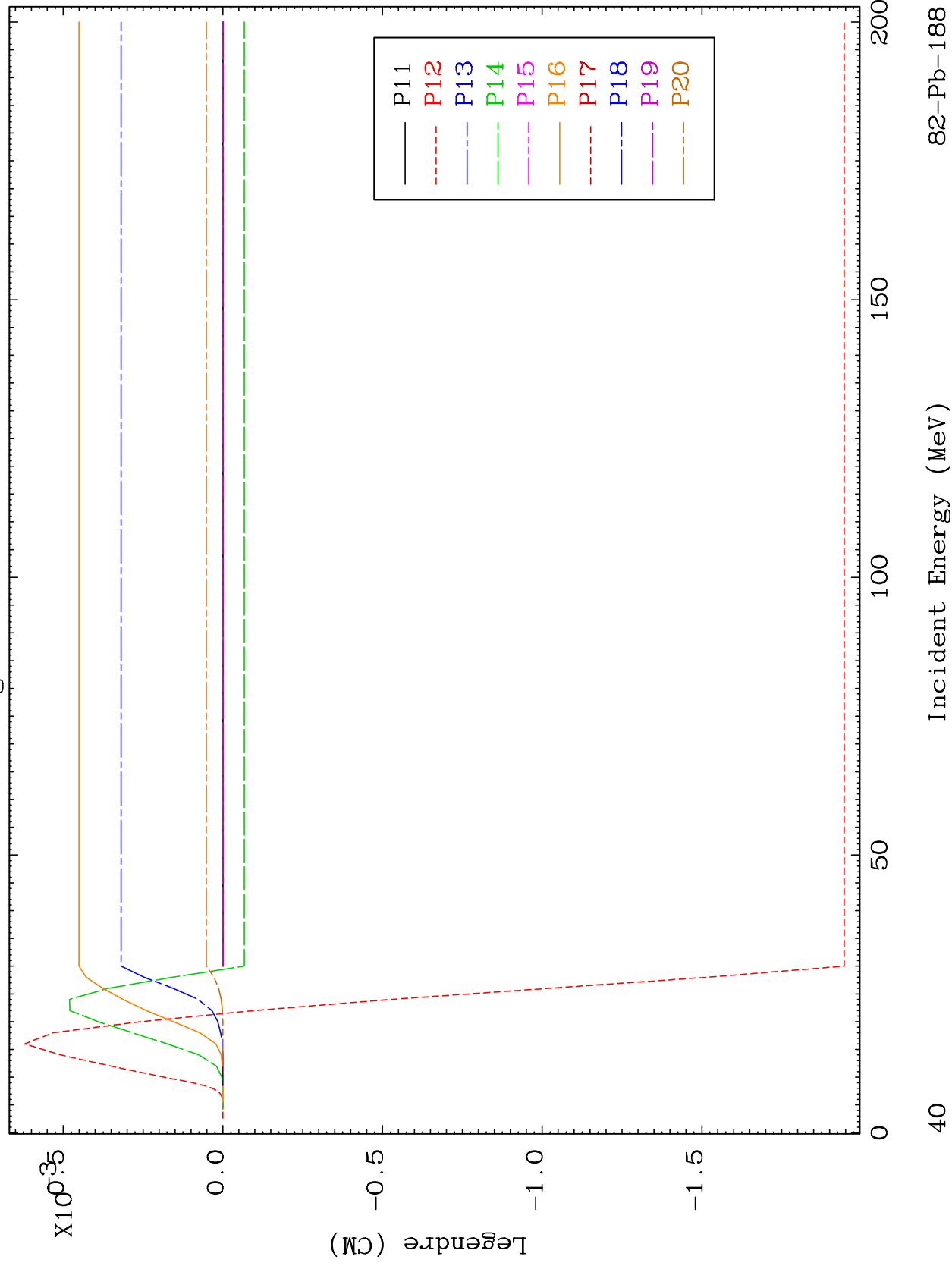




MAT 8177

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

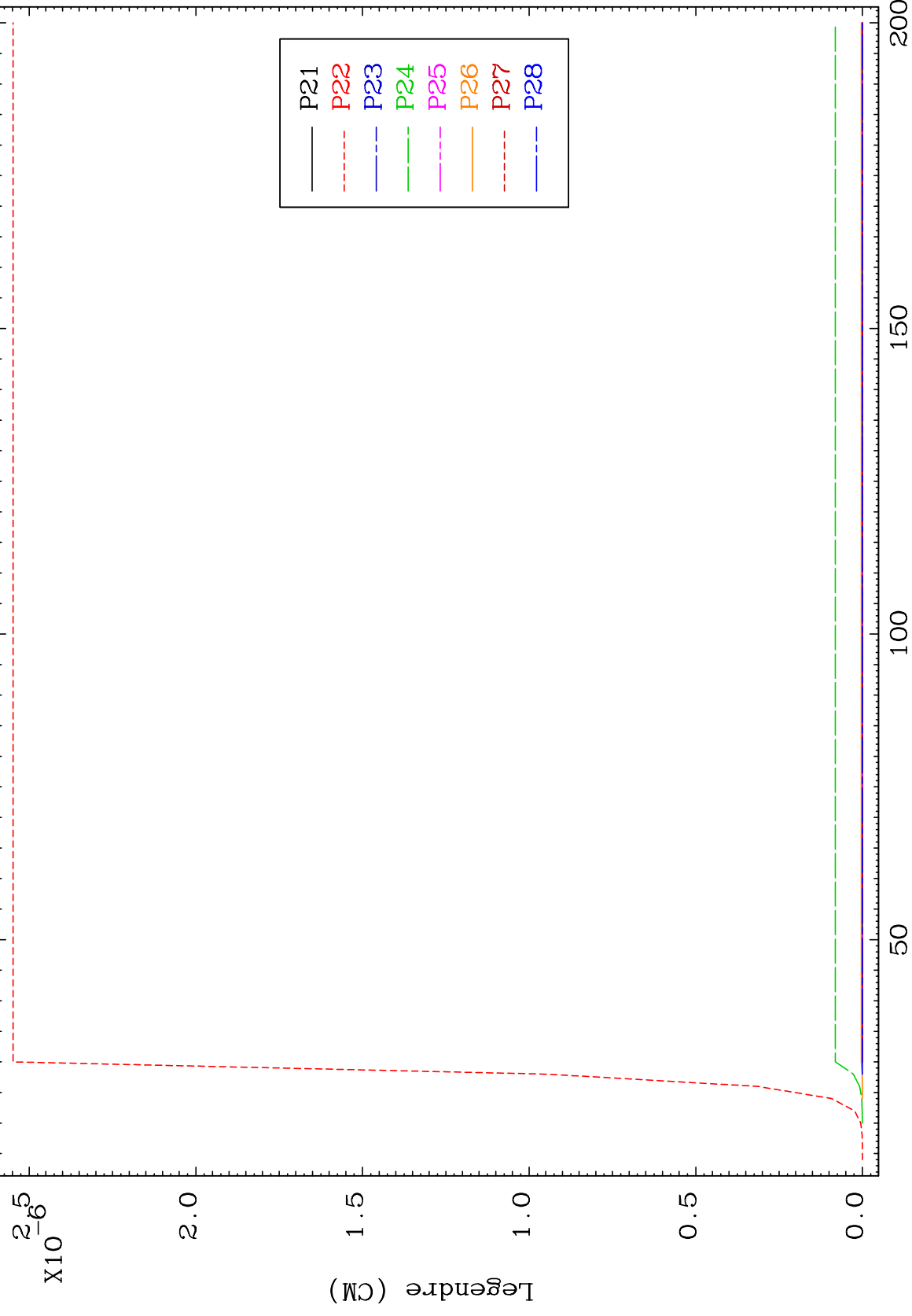
82-Pb-188



MAT 8177

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

82-Pb-188



41

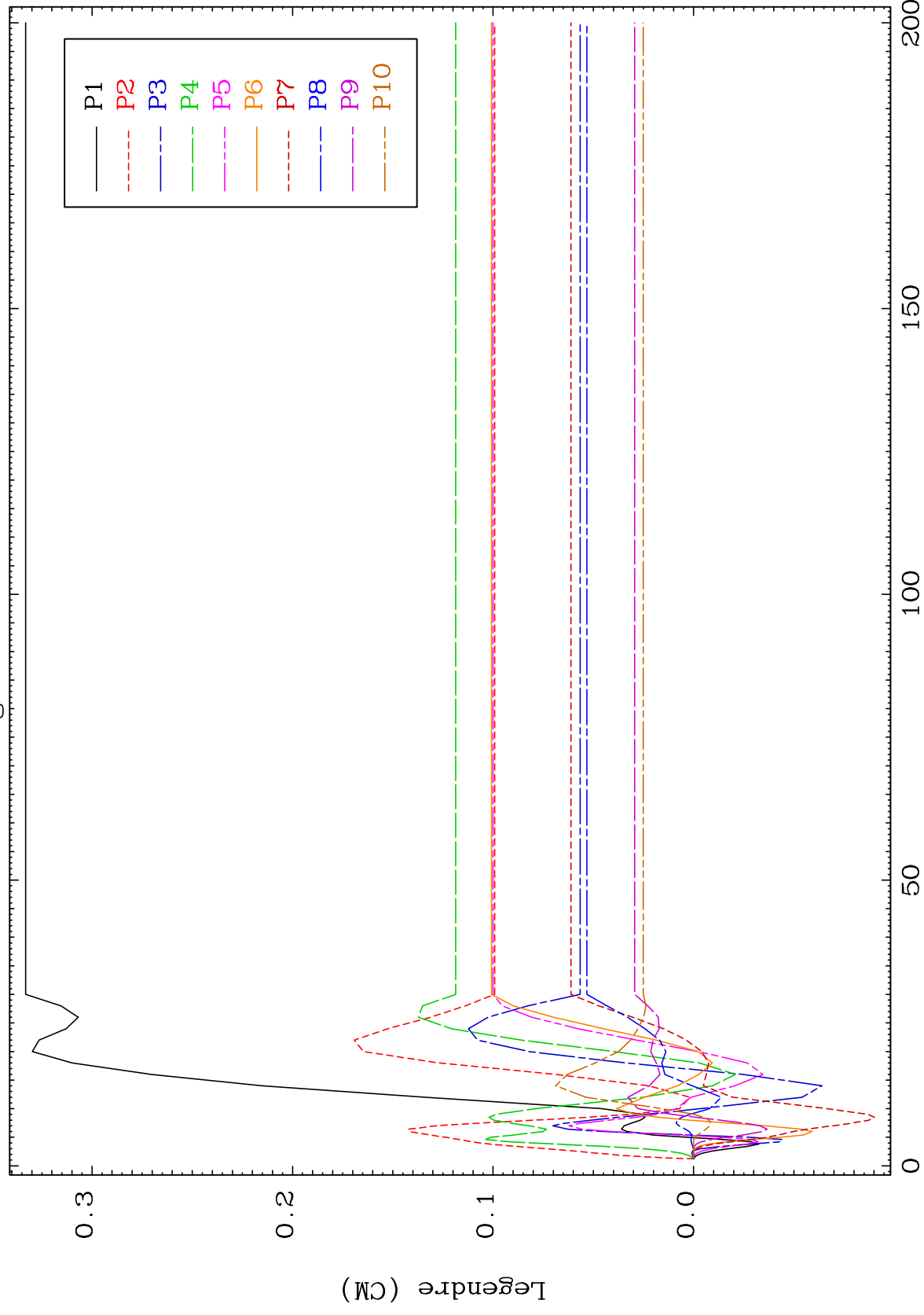
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



42

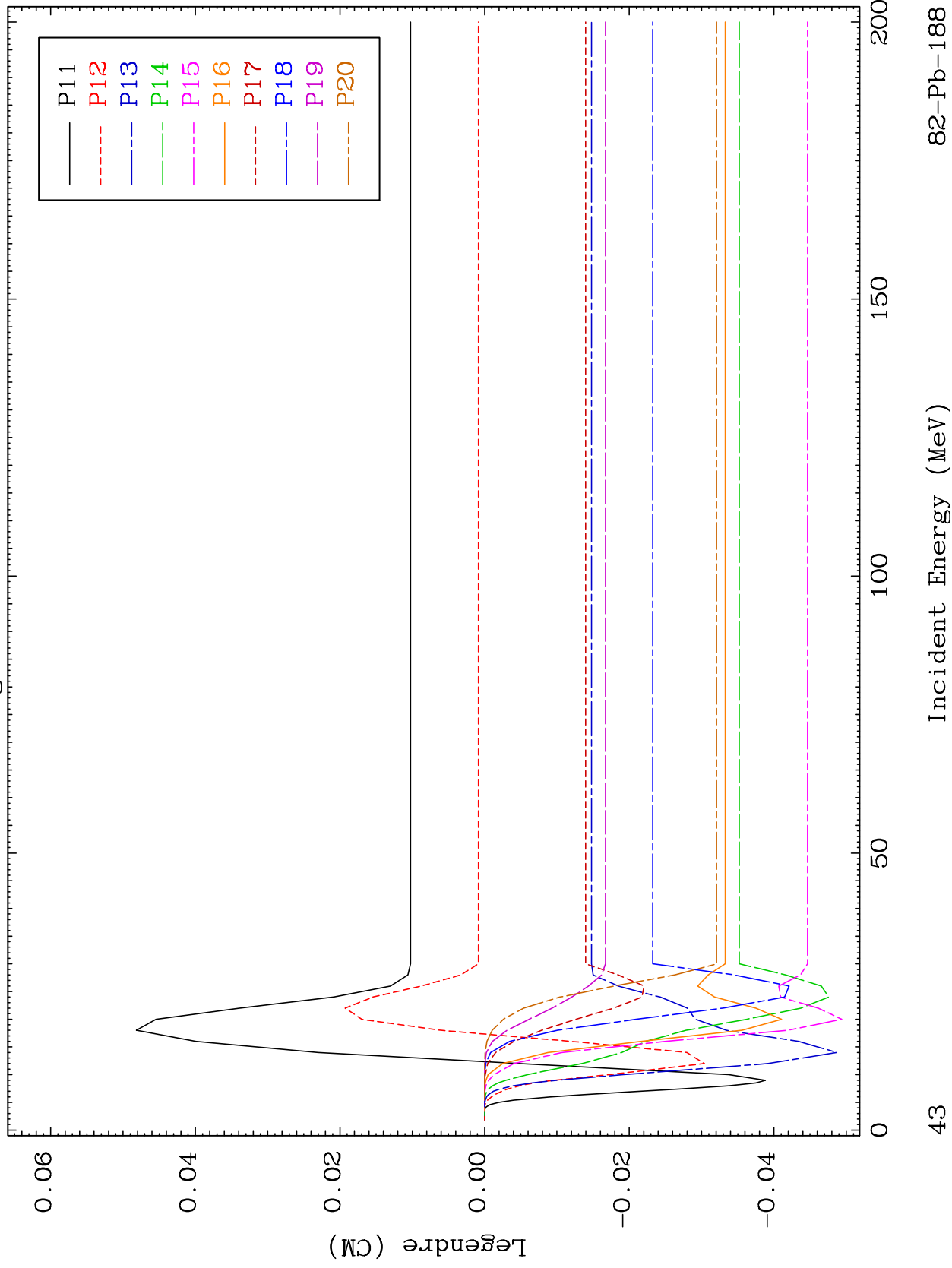
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

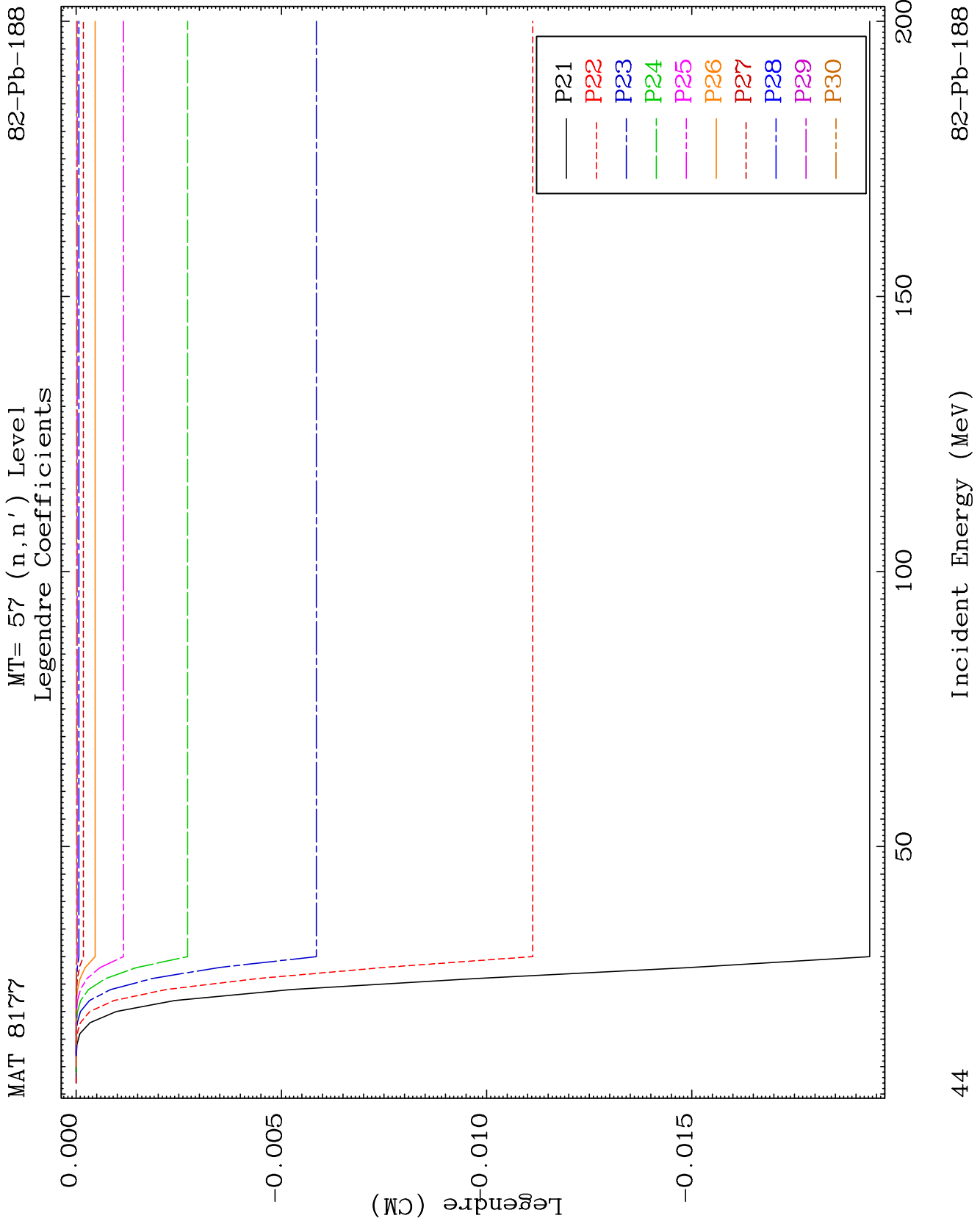
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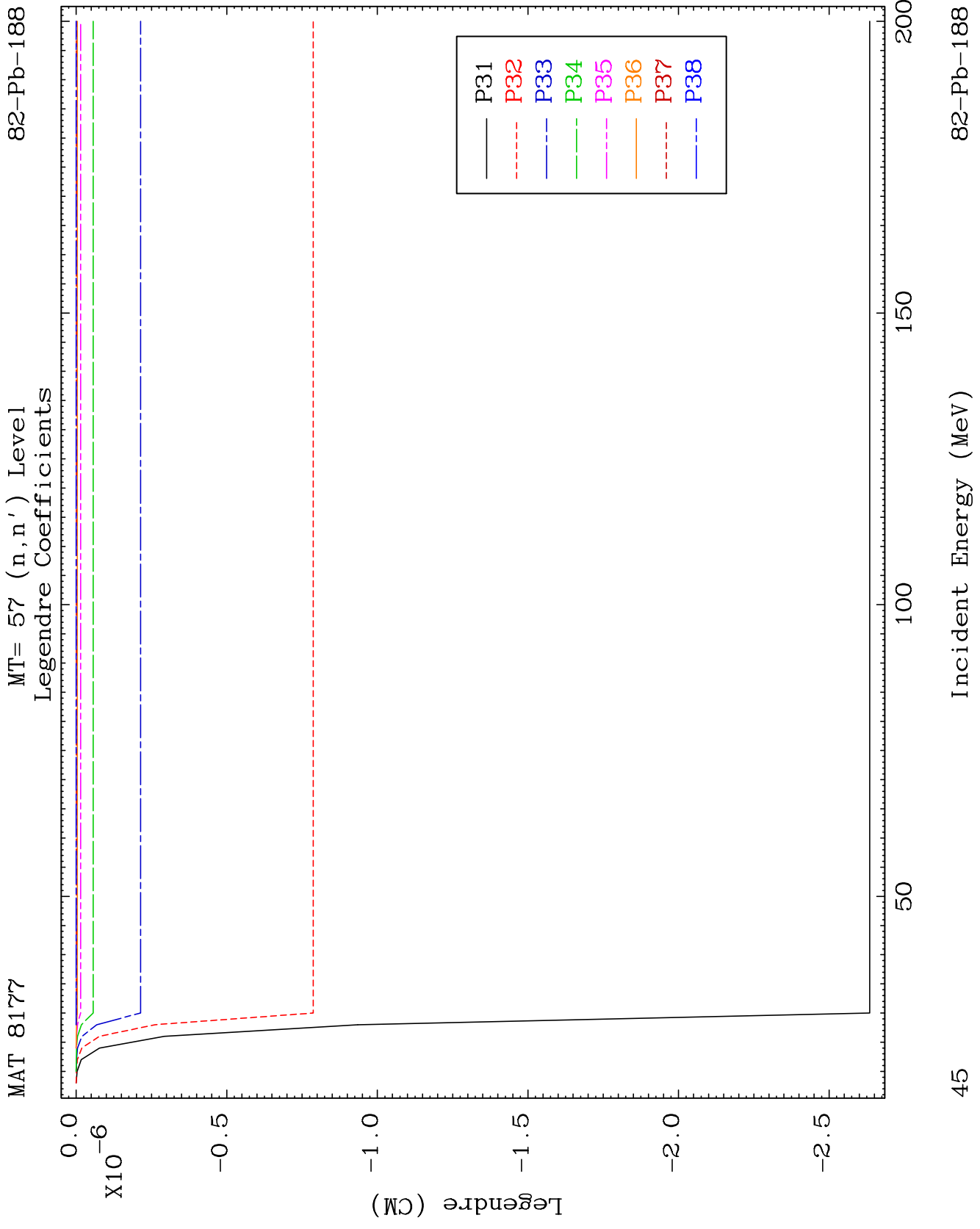


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Incident Energy (MeV)

82-Pb-188



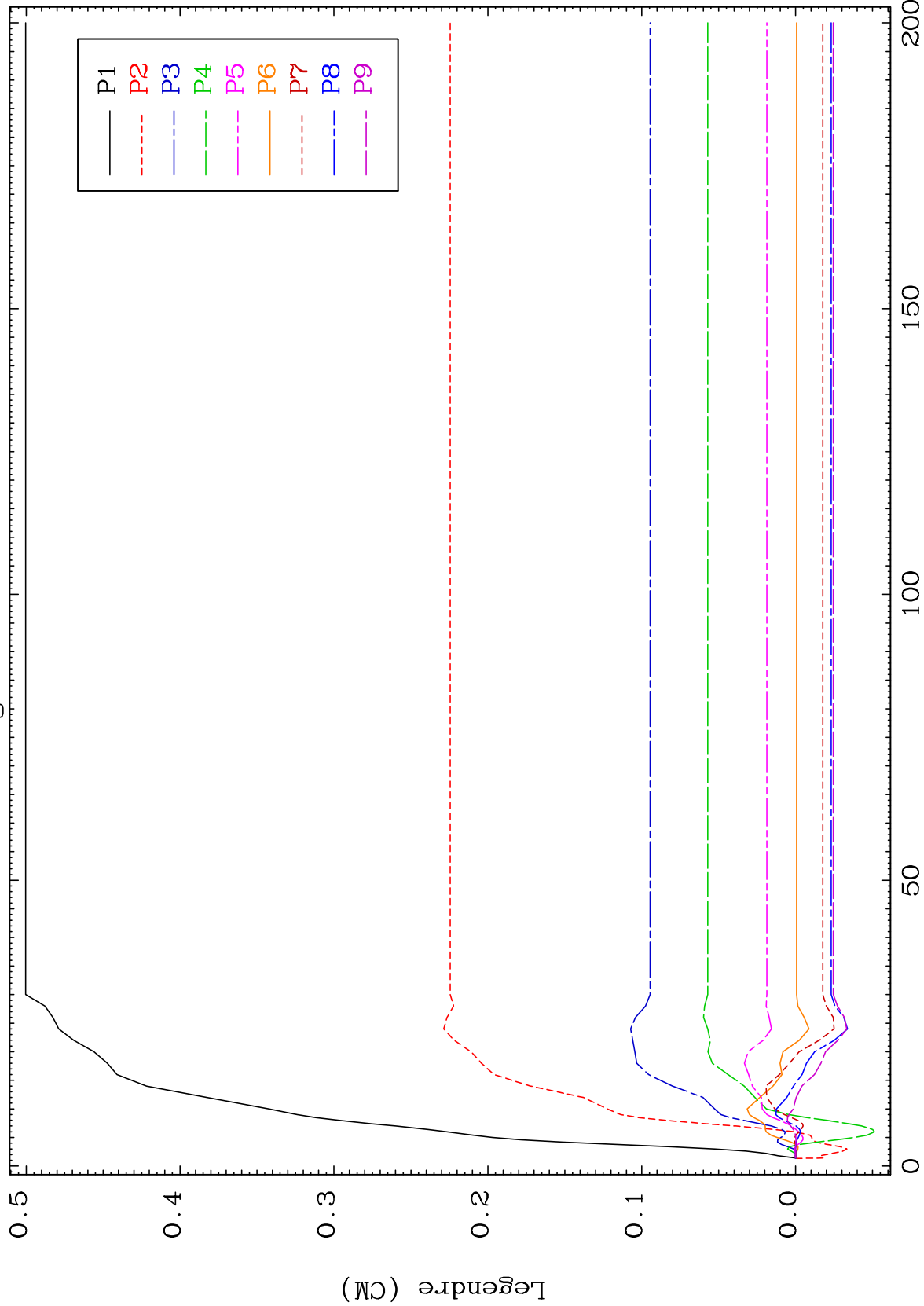


MAT 8177

MT= 58 (n,n') Level

82-Pb-188

Legendre Coefficients



46

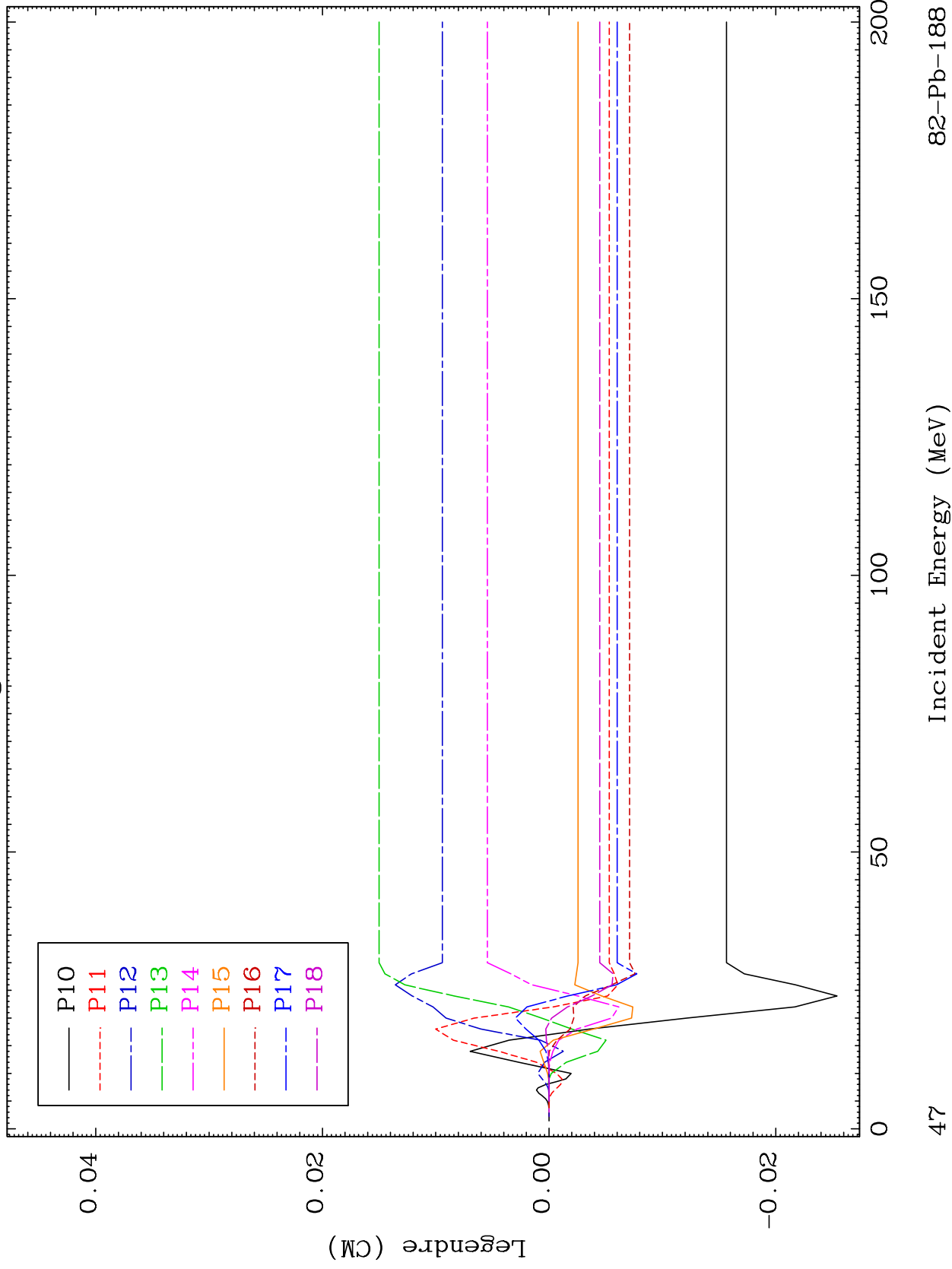
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

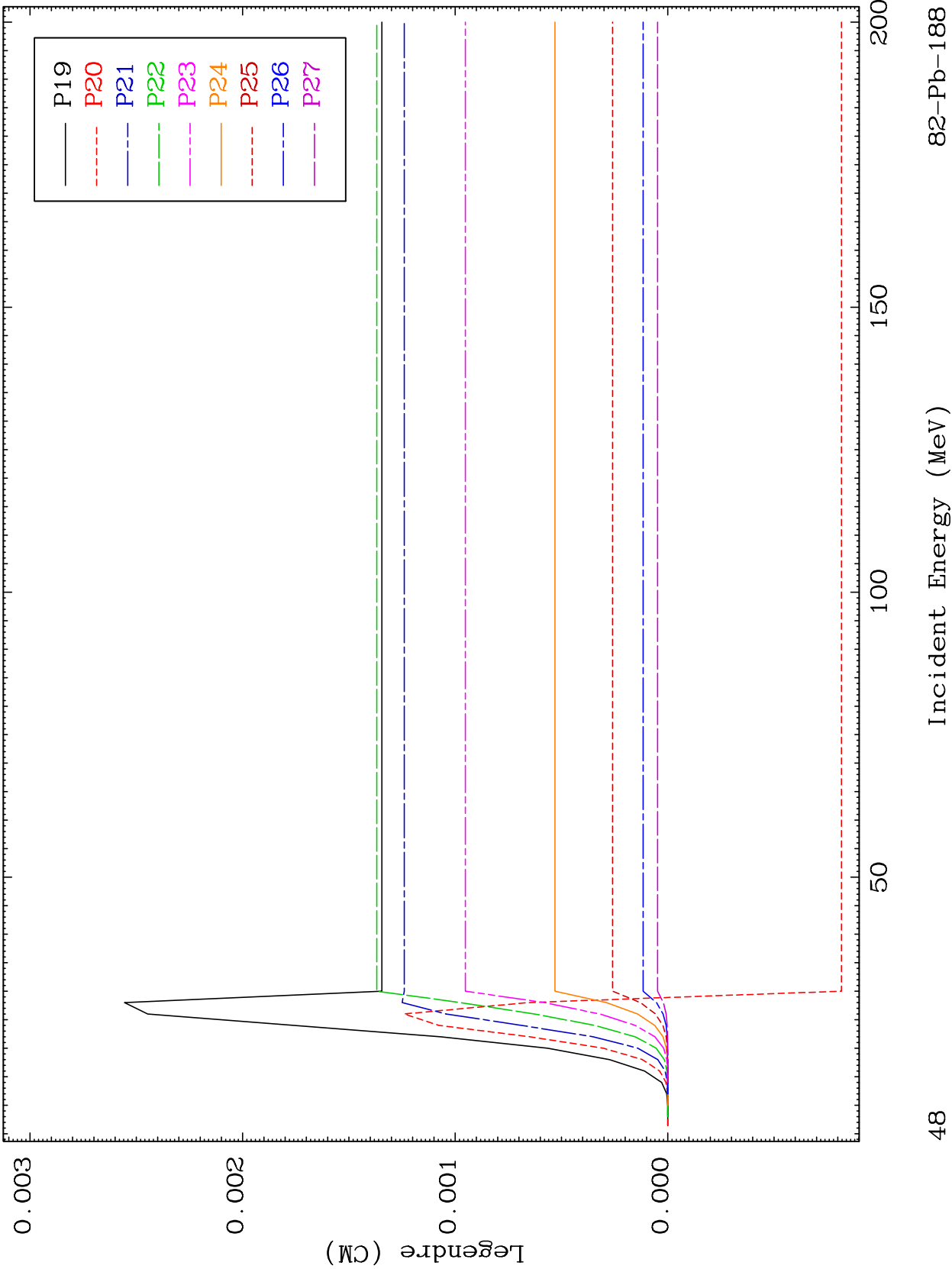
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MAT 8177

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

82-Pb-188



48

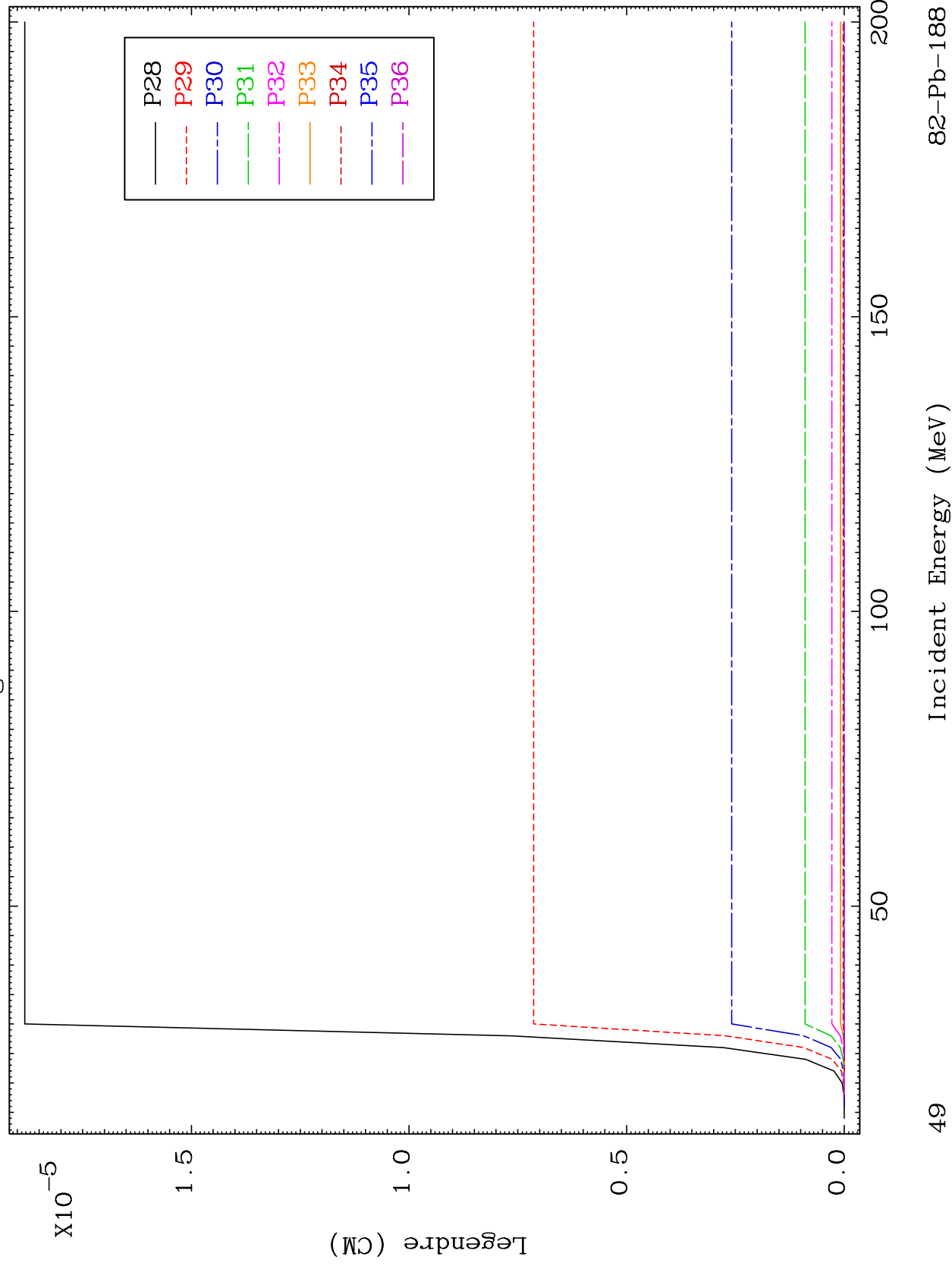
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



49

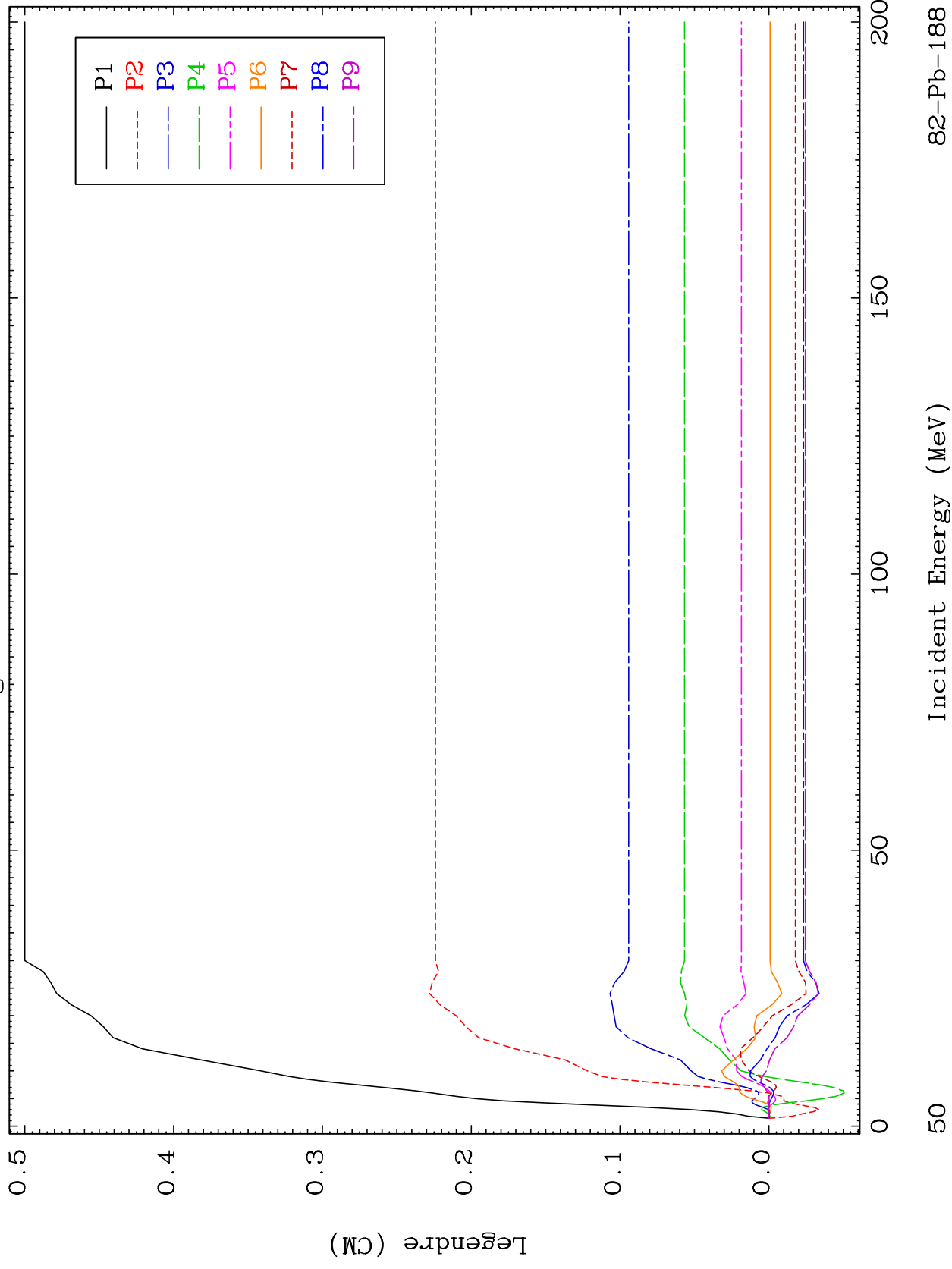
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

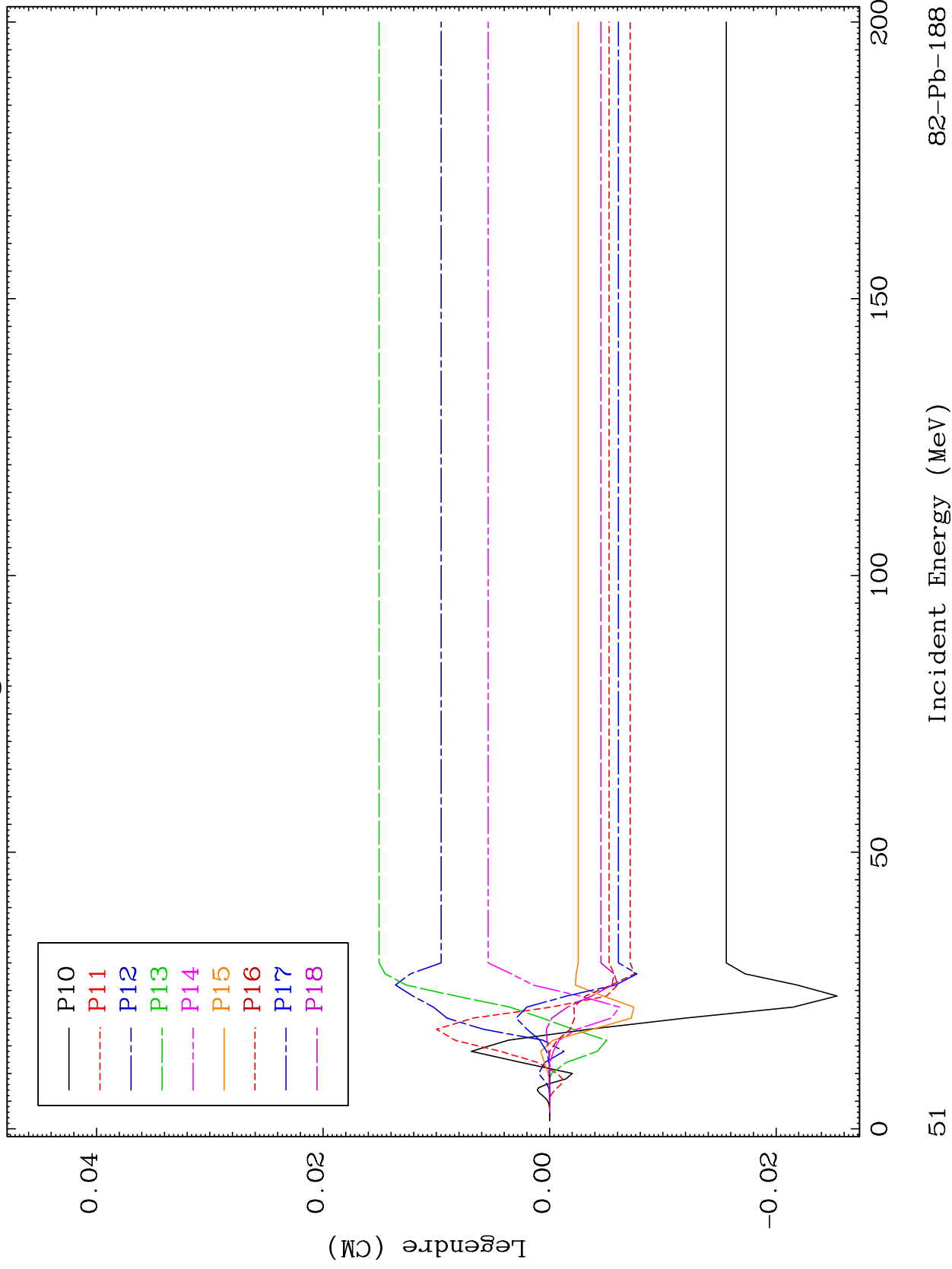
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MAT 8177

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

82-Pb-188



82-Pb-188

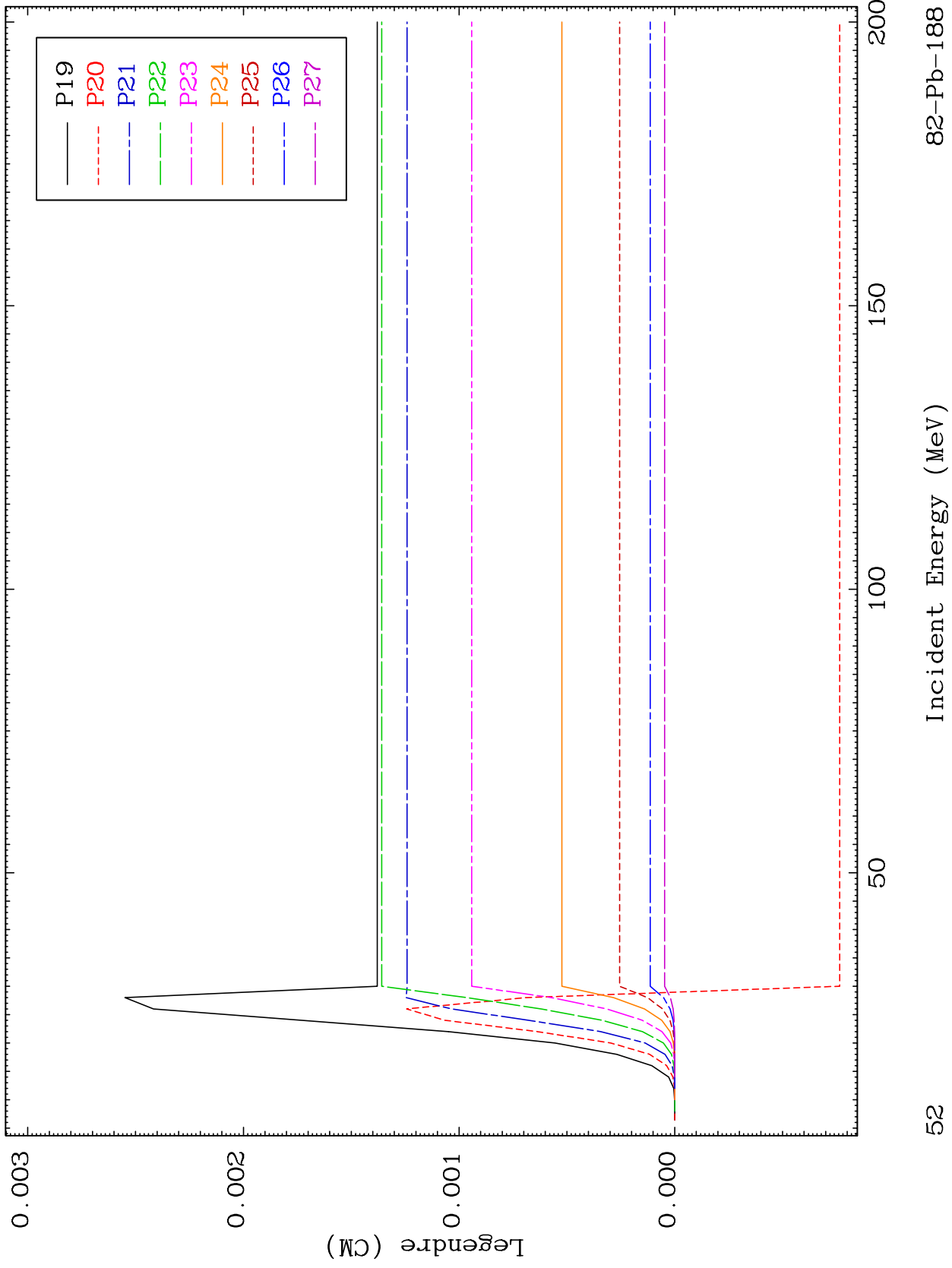
Incident Energy (MeV)

51

MAT 8177

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

82-Pb-188



52

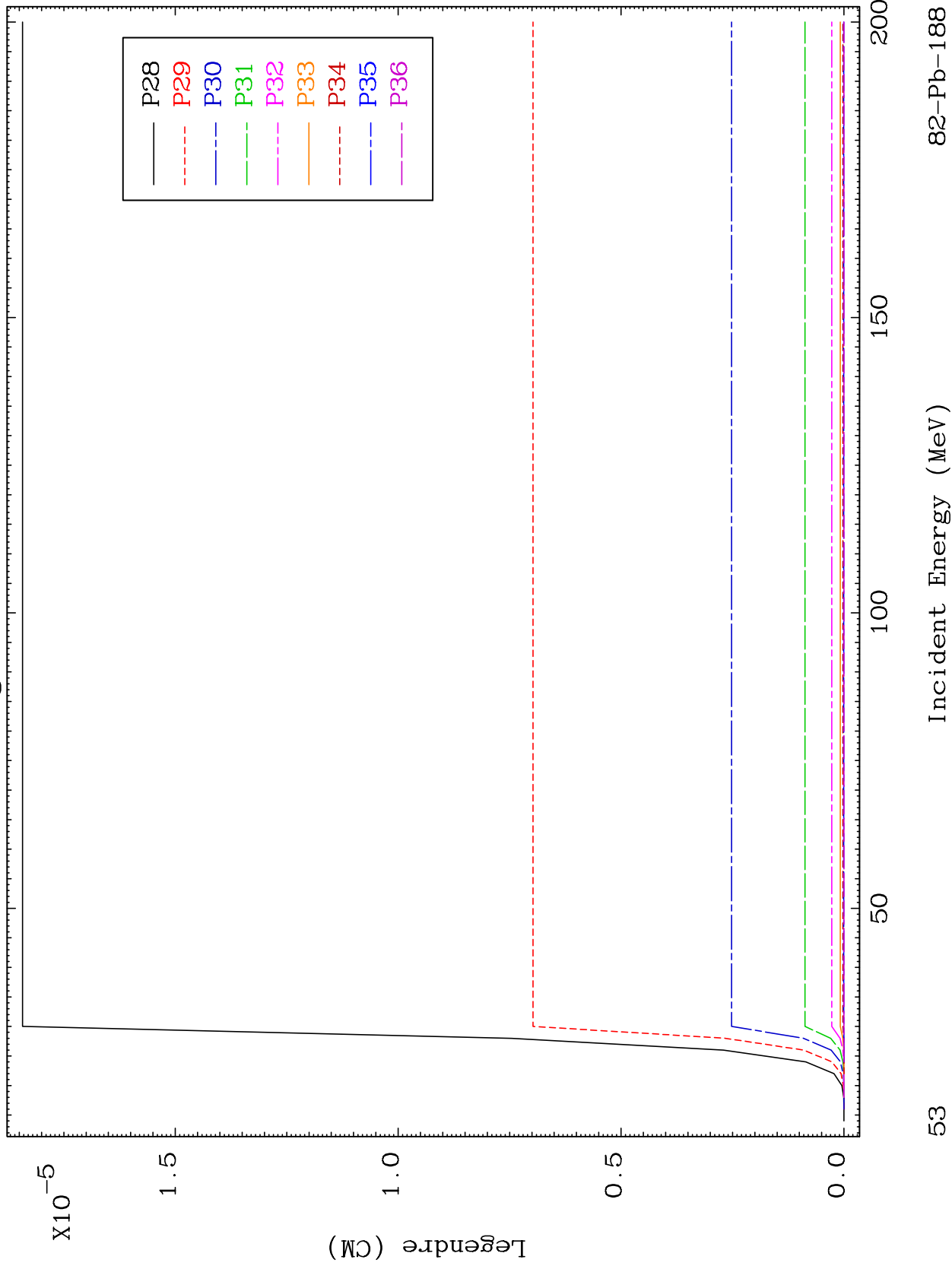
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

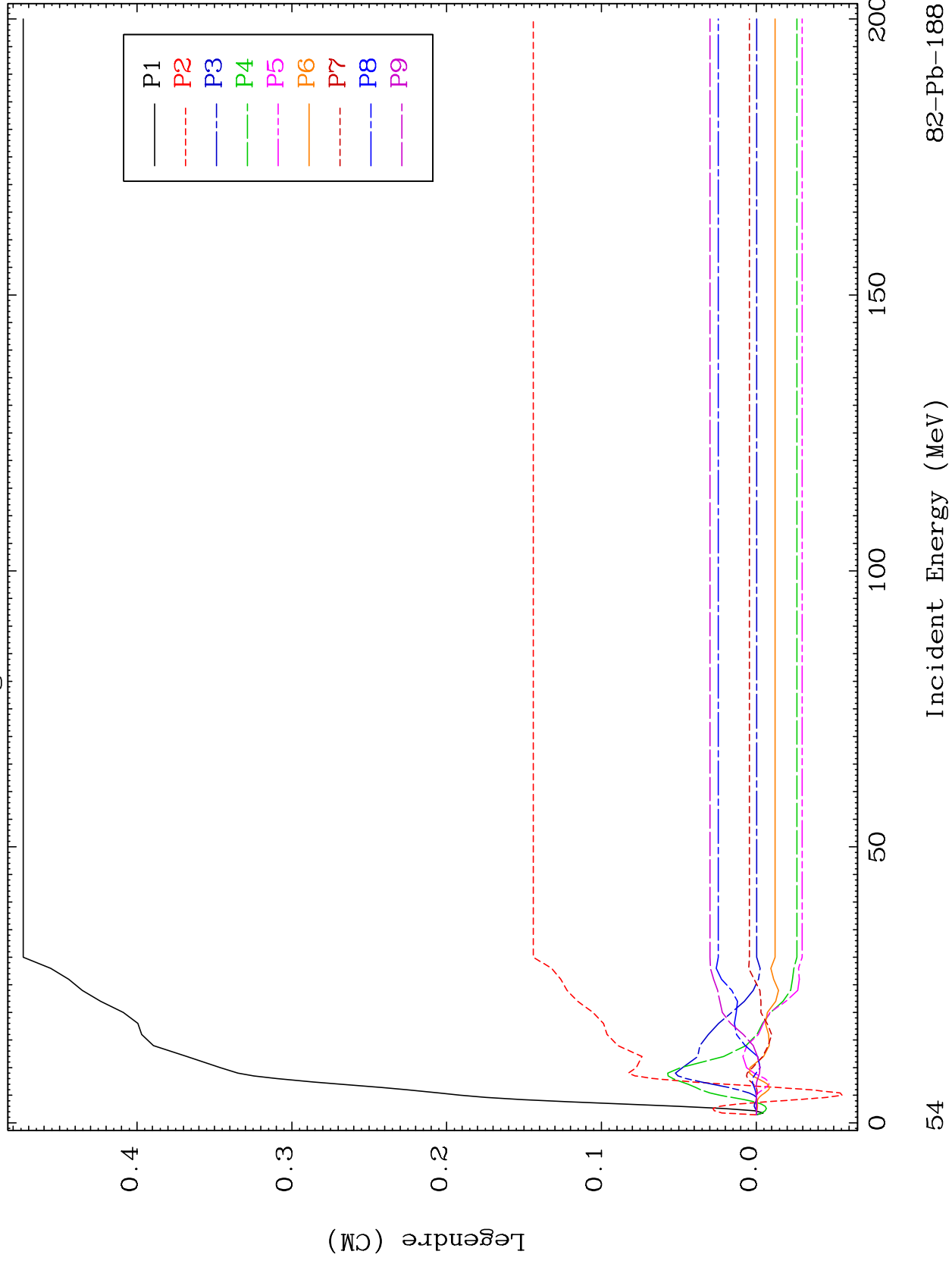
82-Pb-188



MAT 8177

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

82-Pb-188



54

Incident Energy (MeV)

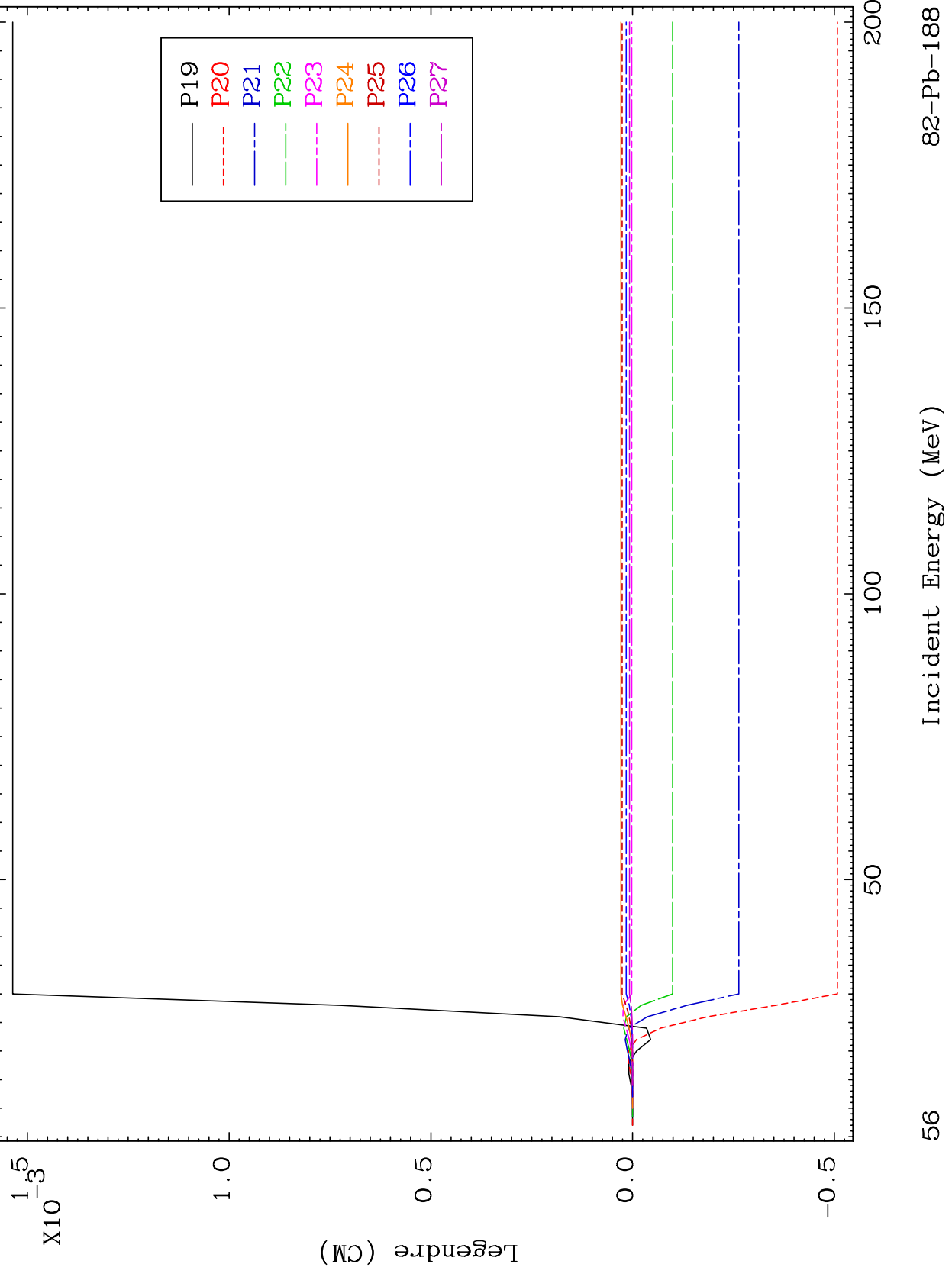
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MAT 8177

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

82-Pb-188



56

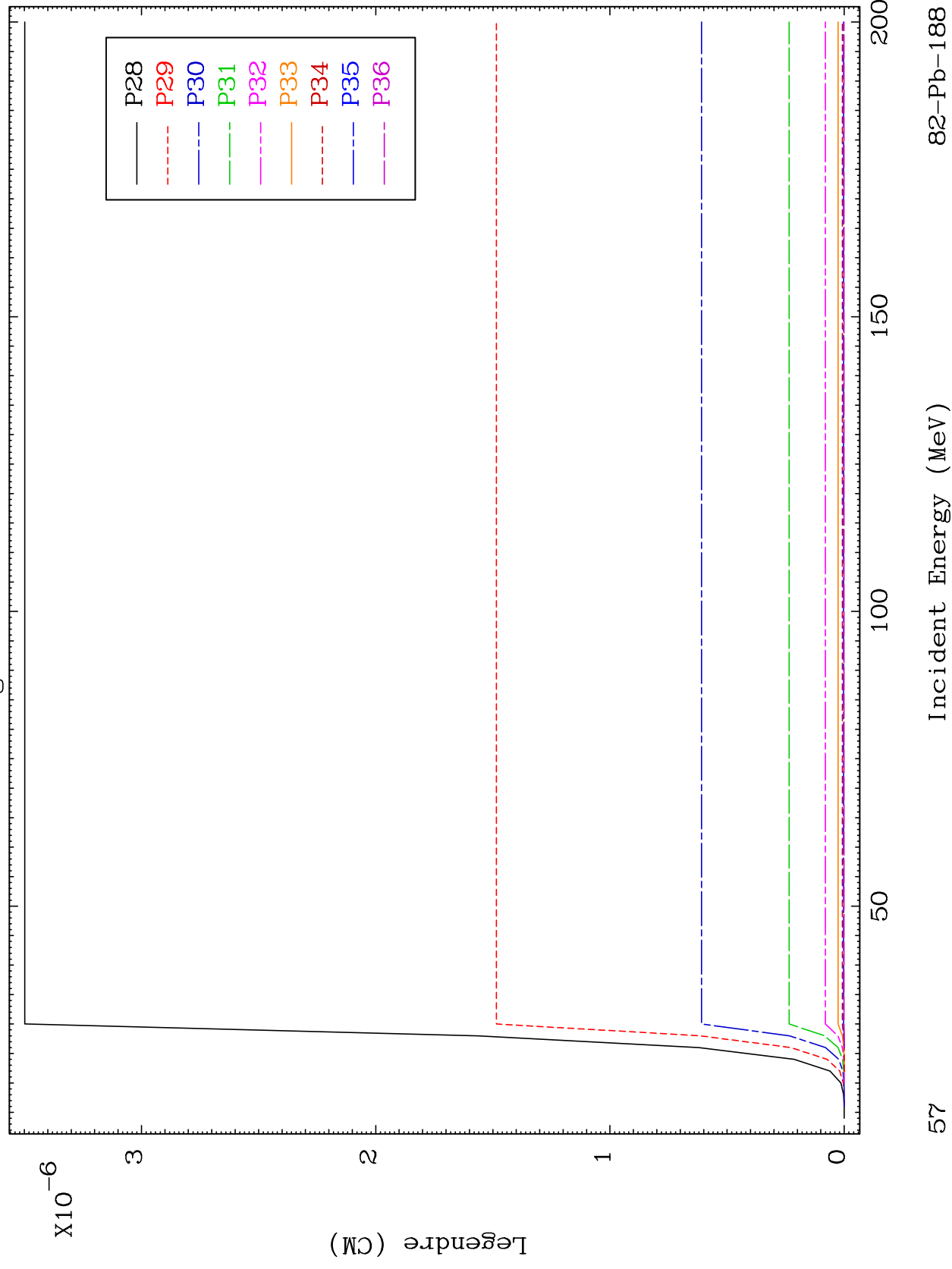
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

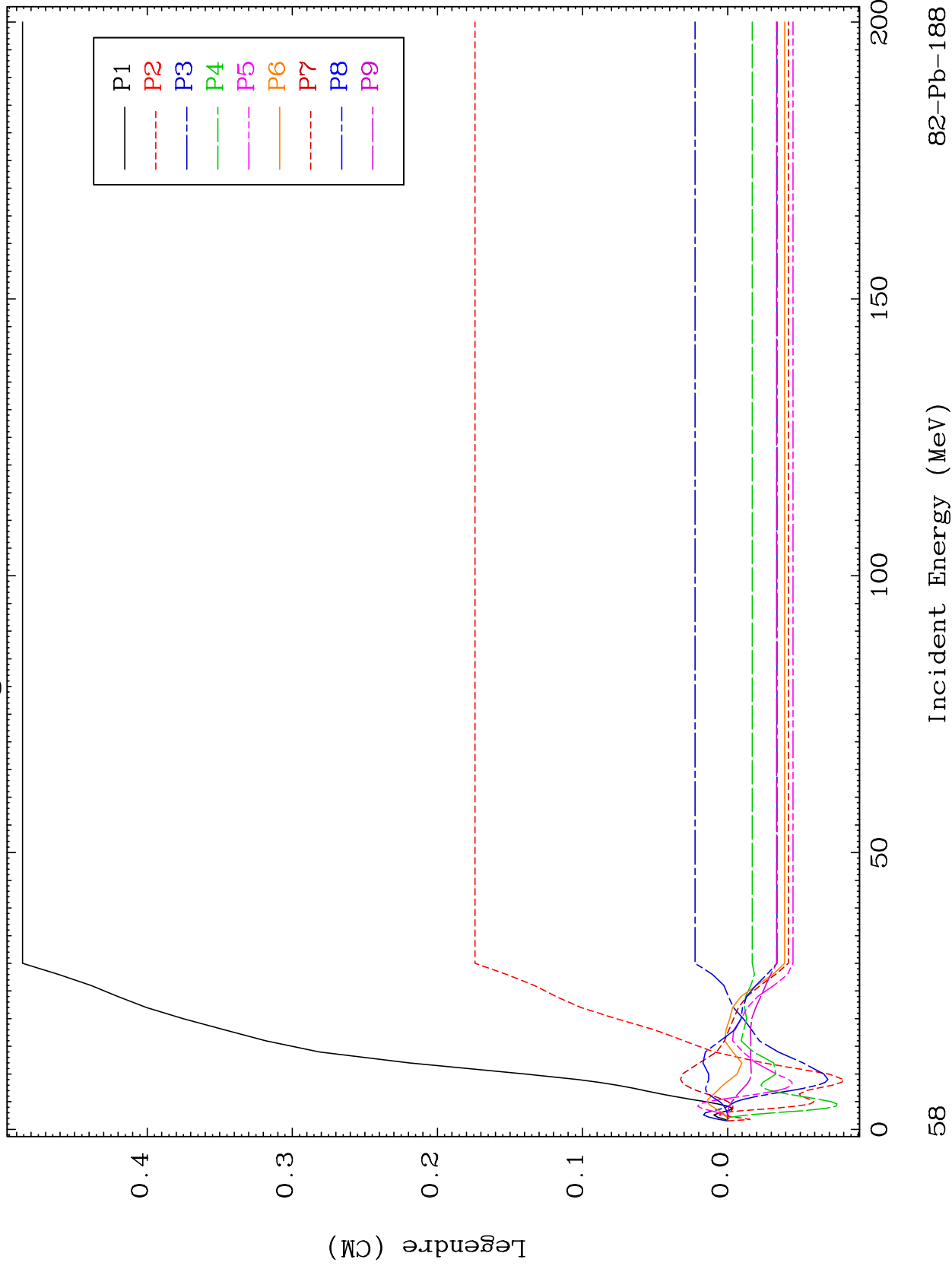
82-Pb-188



MAT 8177

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

82-Pb-188



82-Pb-188

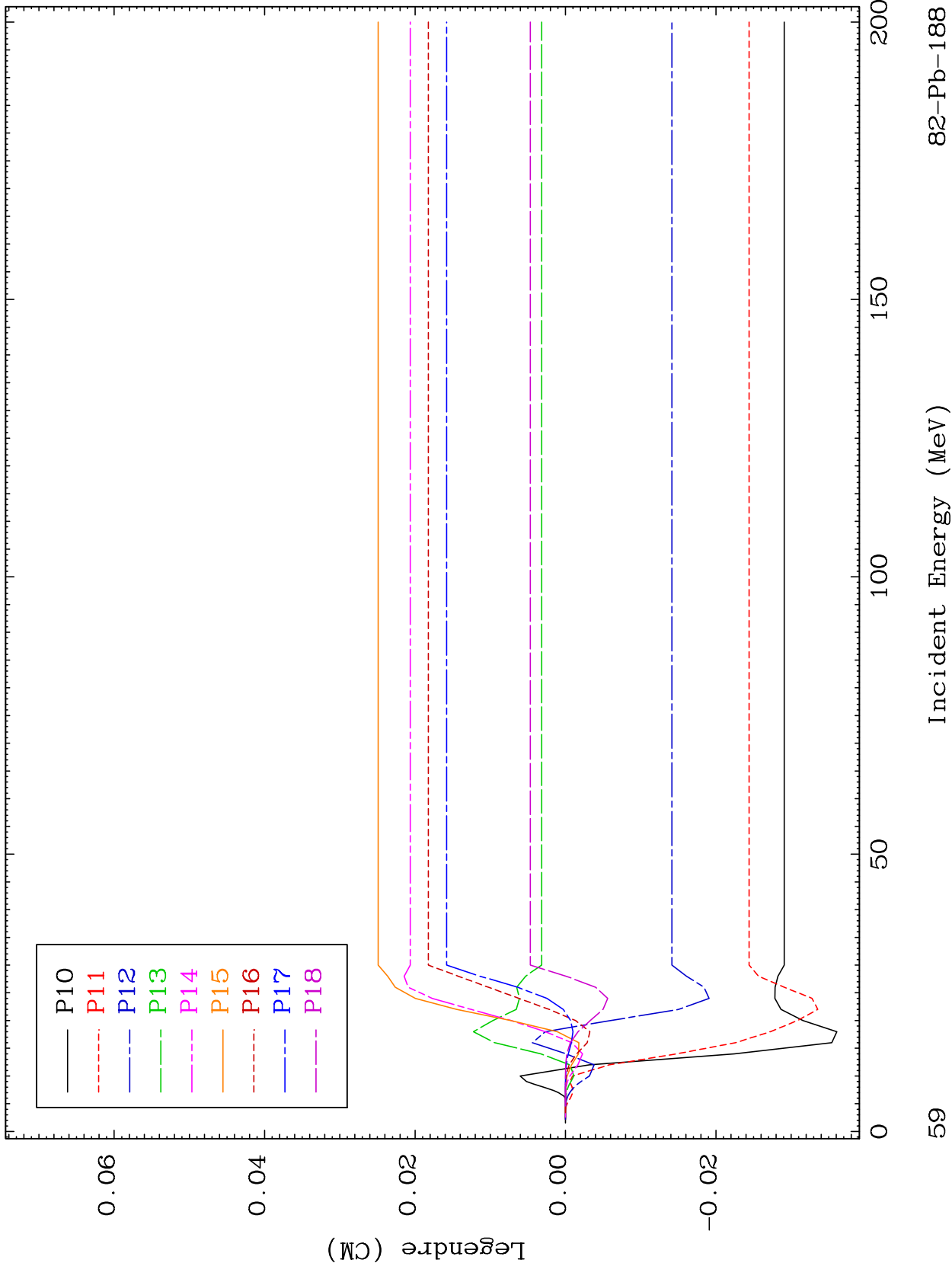
Incident Energy (MeV)

58

MAT 8177

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

82-Pb-188



82-Pb-188

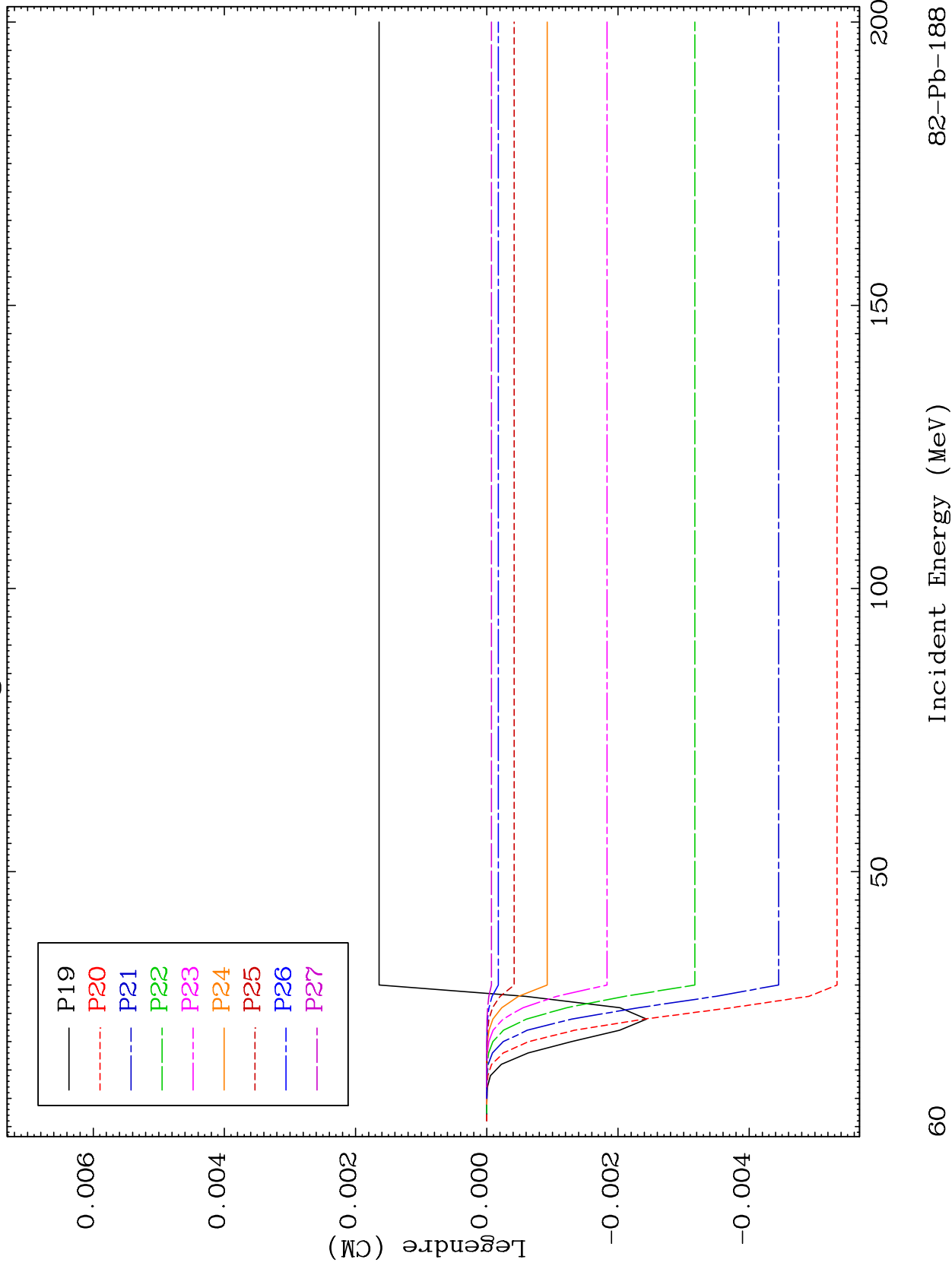
Incident Energy (MeV)

59

MAT 8177

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

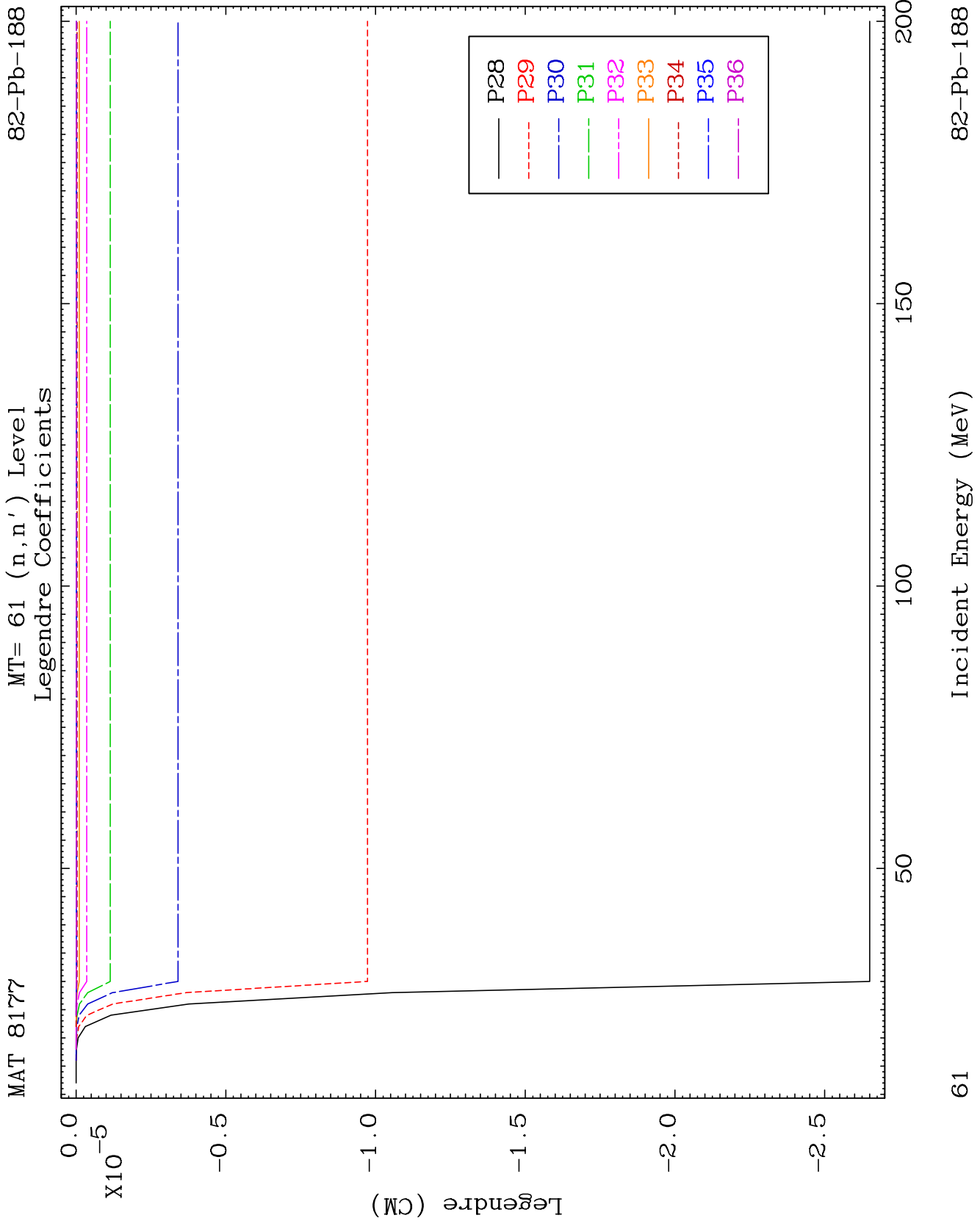
82-Pb-188



60

Incident Energy (MeV)

82-Pb-188

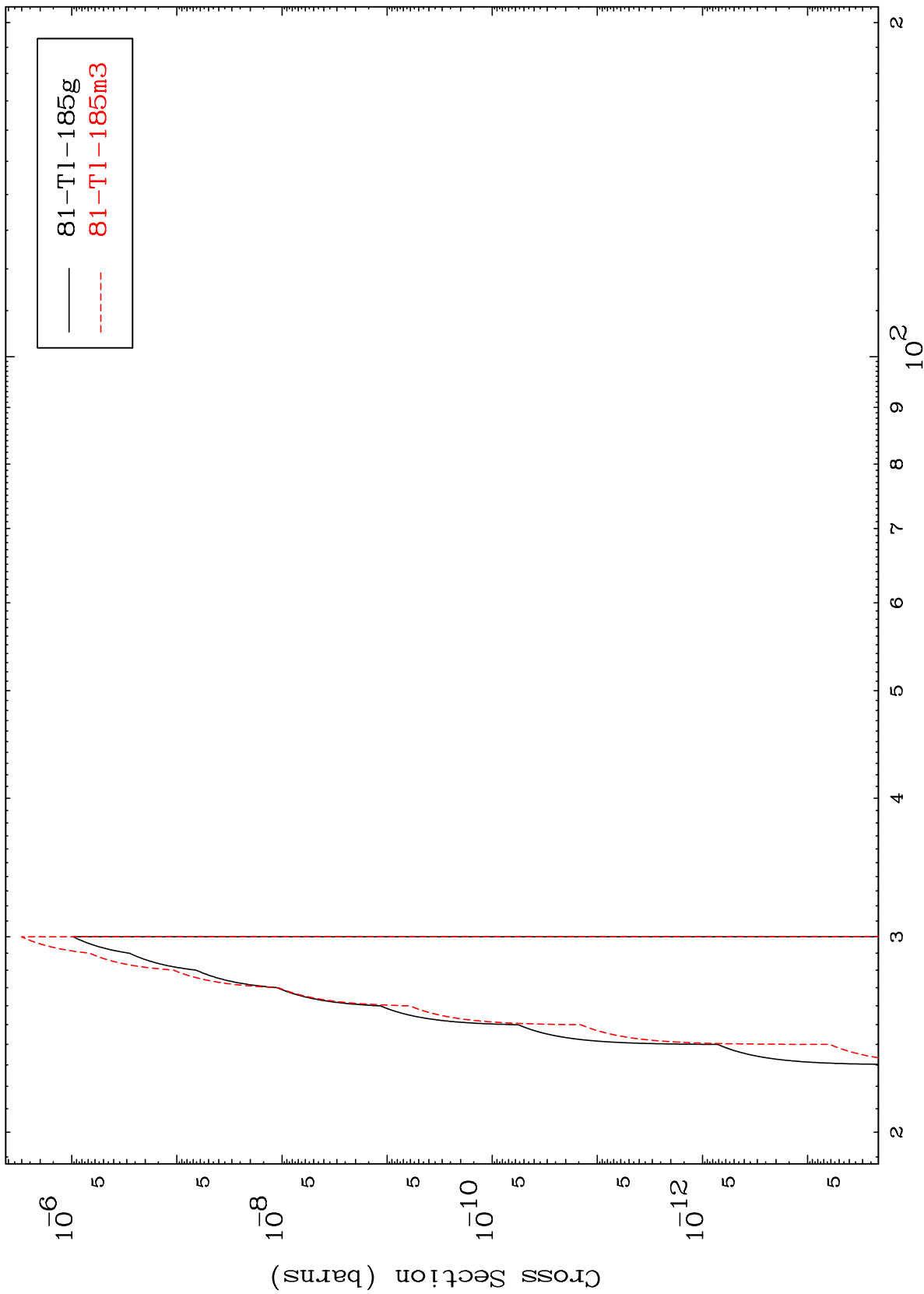


MAT 81777

(n,2n) d

82-Pb-188

Radionuclide Production Cross Section

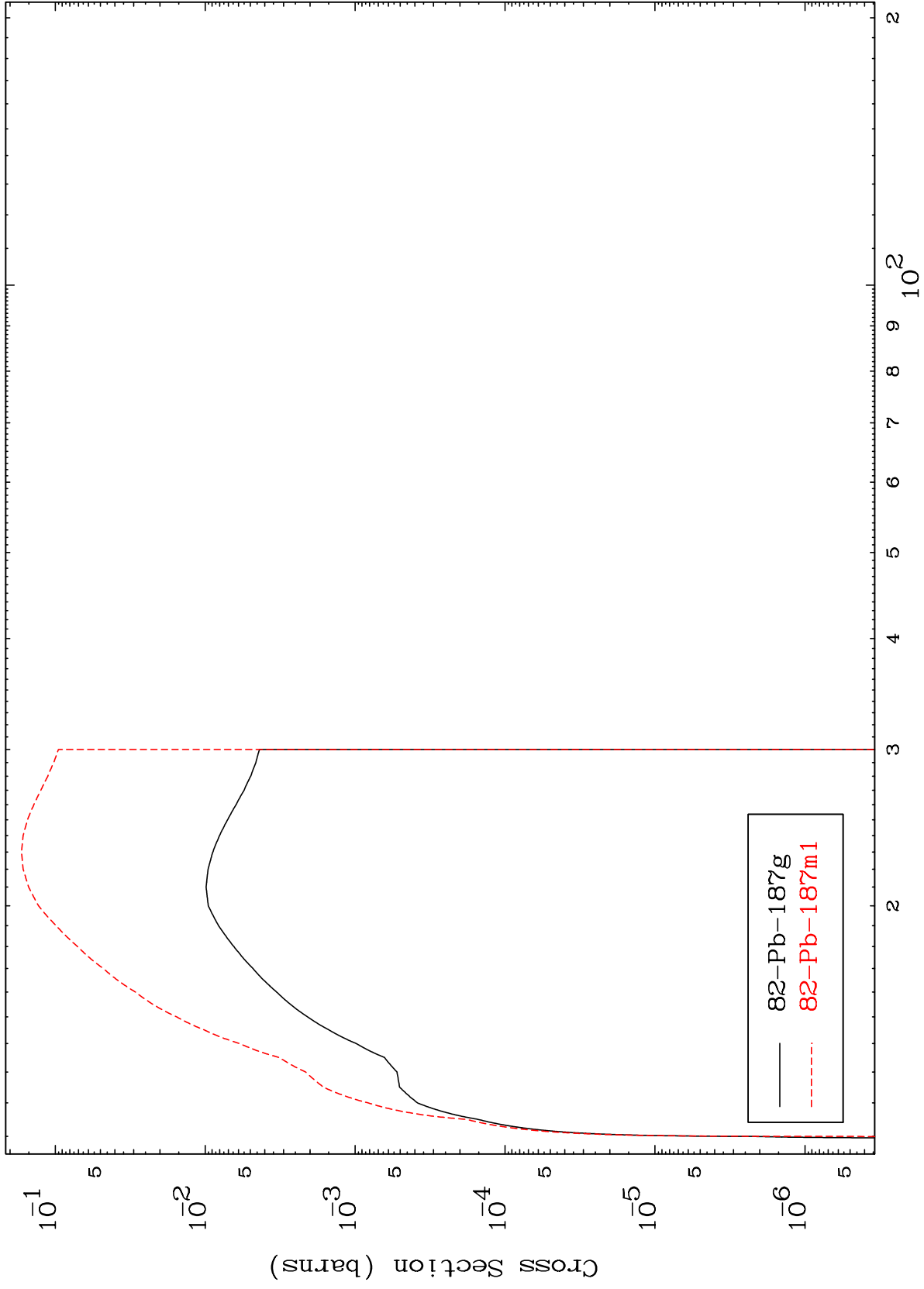


62

Incident Energy (MeV)

82-Pb-188

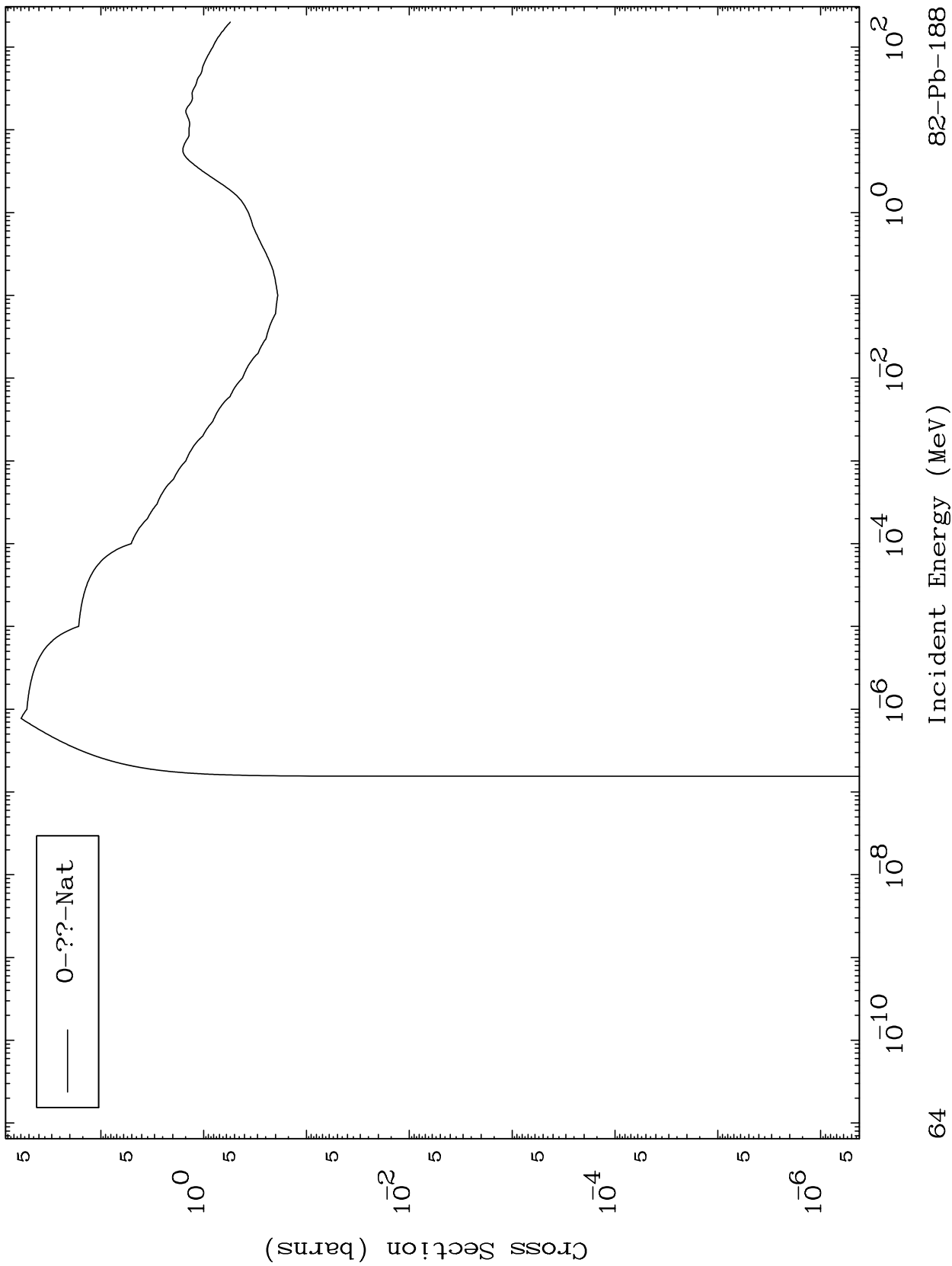
(n,2n)  
Radionuclide Production Cross Section



MAT 8177

82-Pb-188

Fission  
Radionuclide Production Cross Section



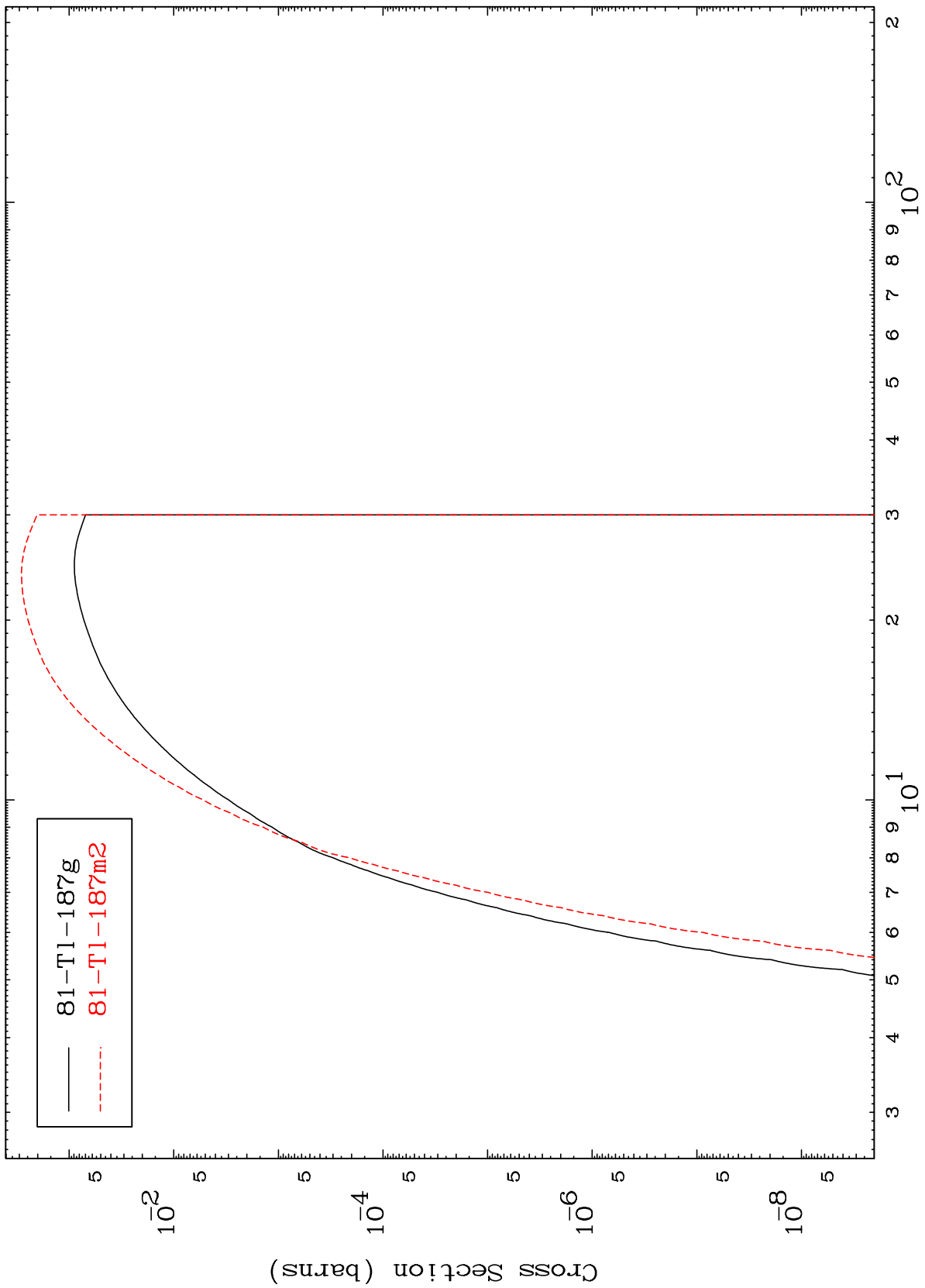
64

82-Pb-188

MAT 8177

82-Pb-188

(n,n') p  
Radionuclide Production Cross Section



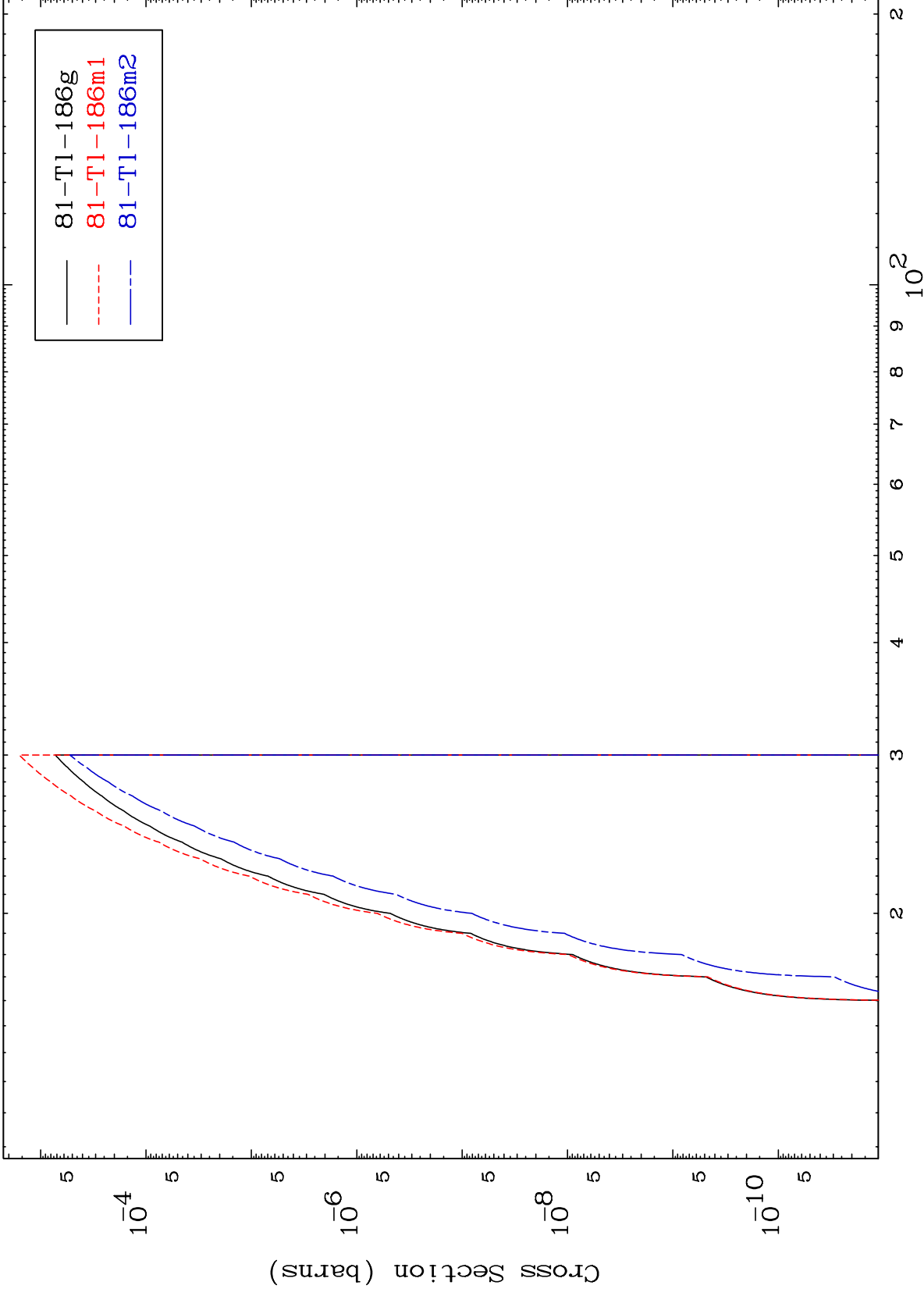
81-Tl-187g  
81-Tl-187m2

82-Pb-188

Incident Energy (MeV)

65

Radionuclide Production Cross Section

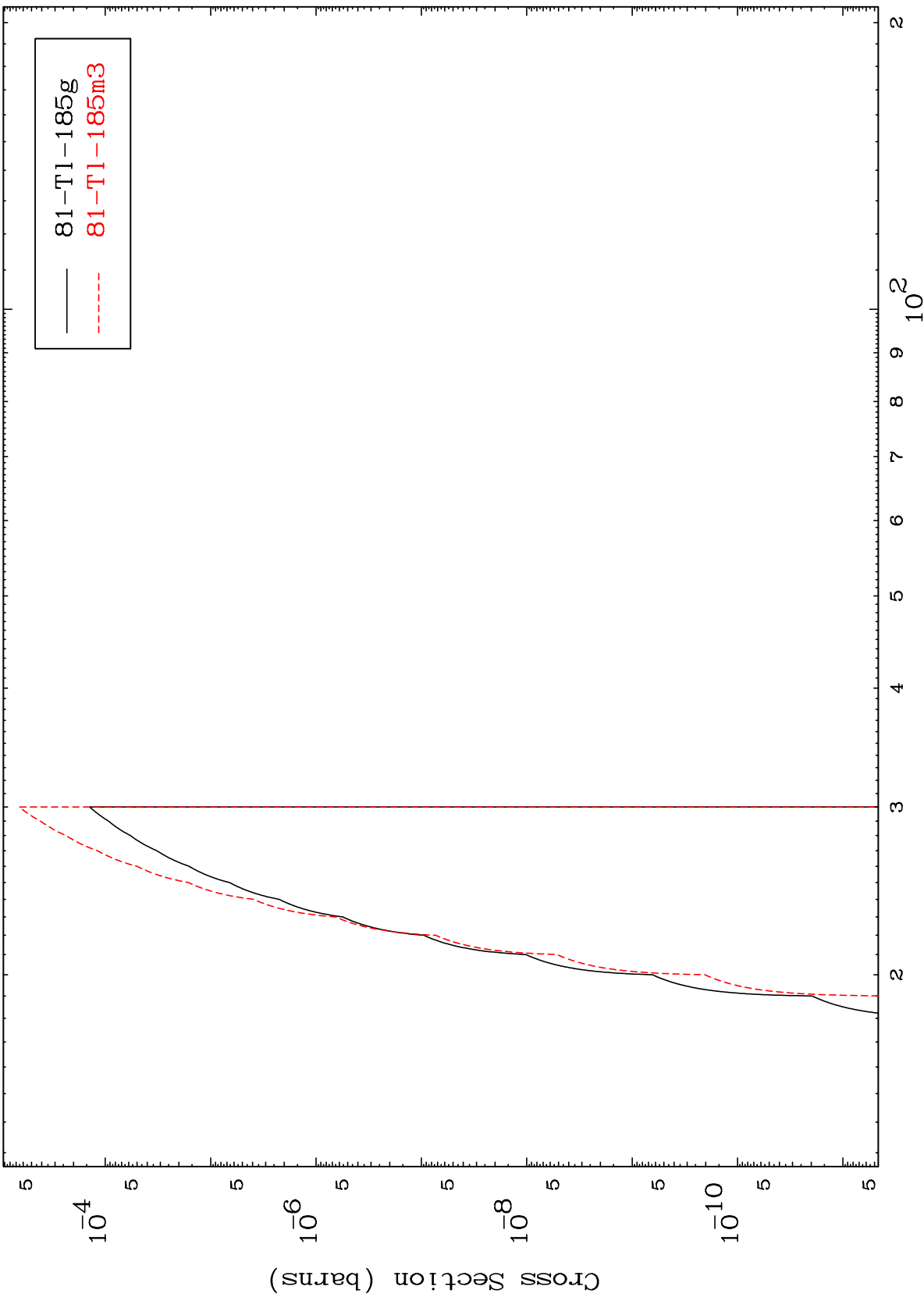


MAT 8177

(n,n') t

82-Pb-188

Radionuclide Production Cross Section



67

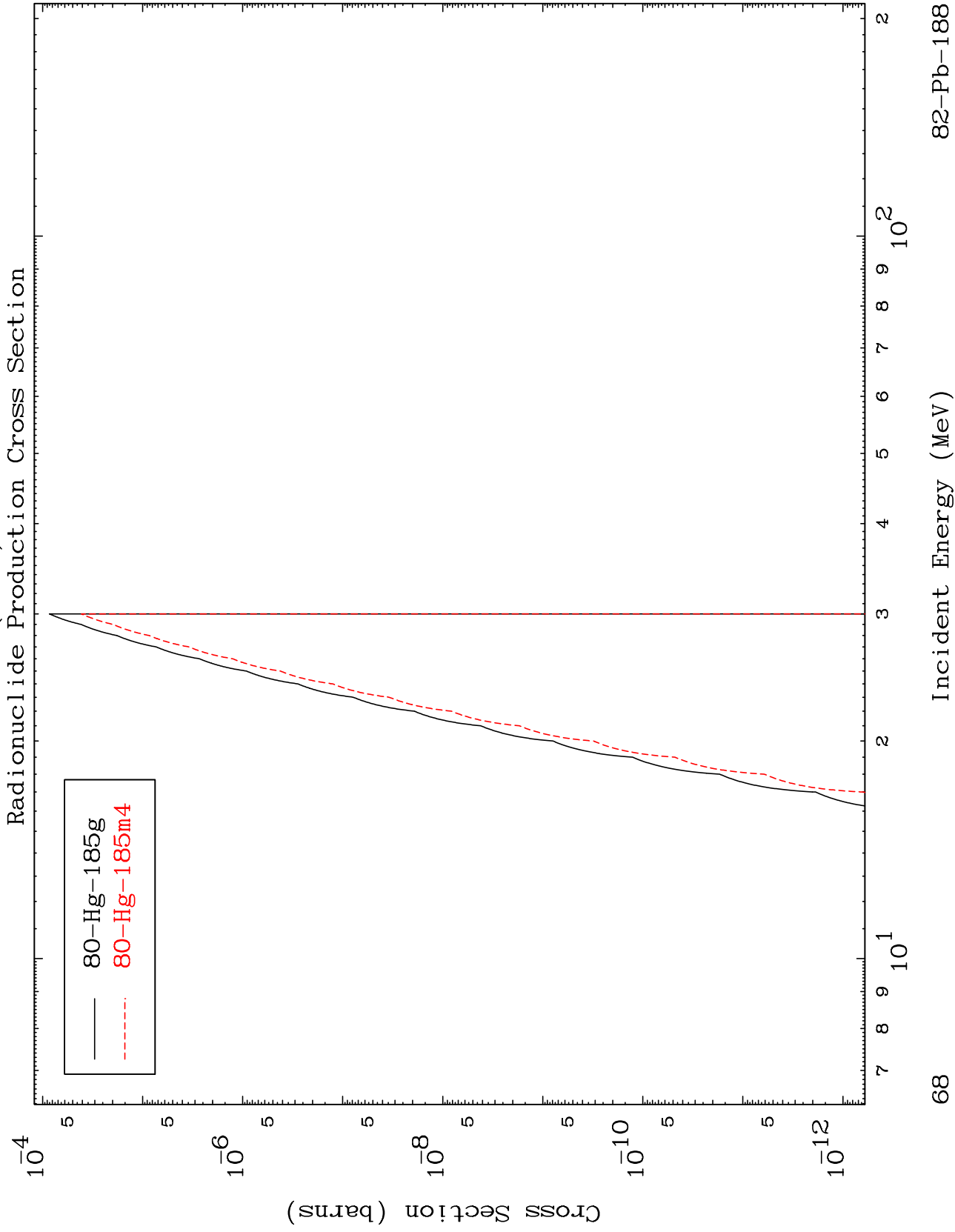
Incident Energy (MeV)

82-Pb-188

MAT 8177

(n,n') He-3

82-Pb-188

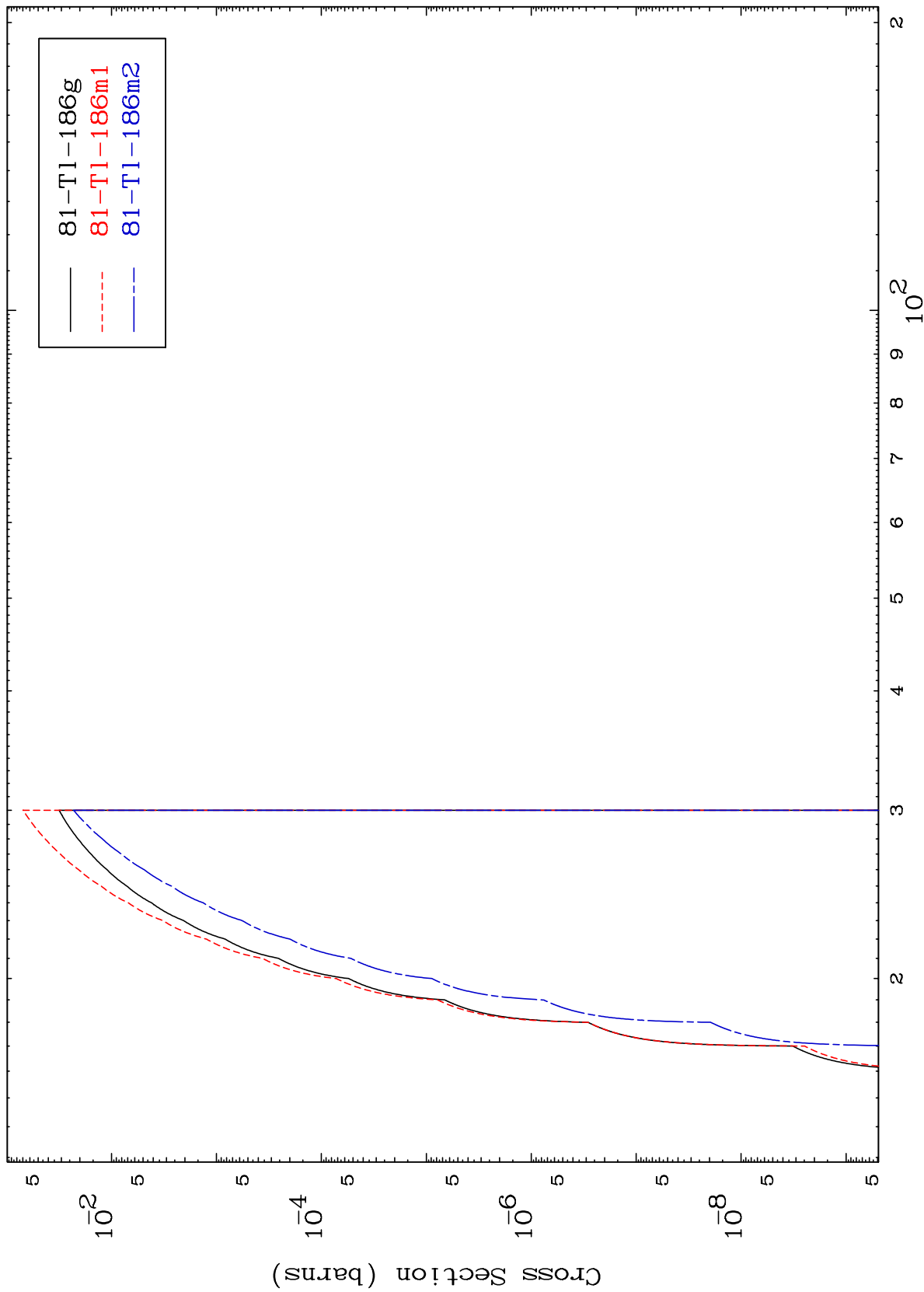


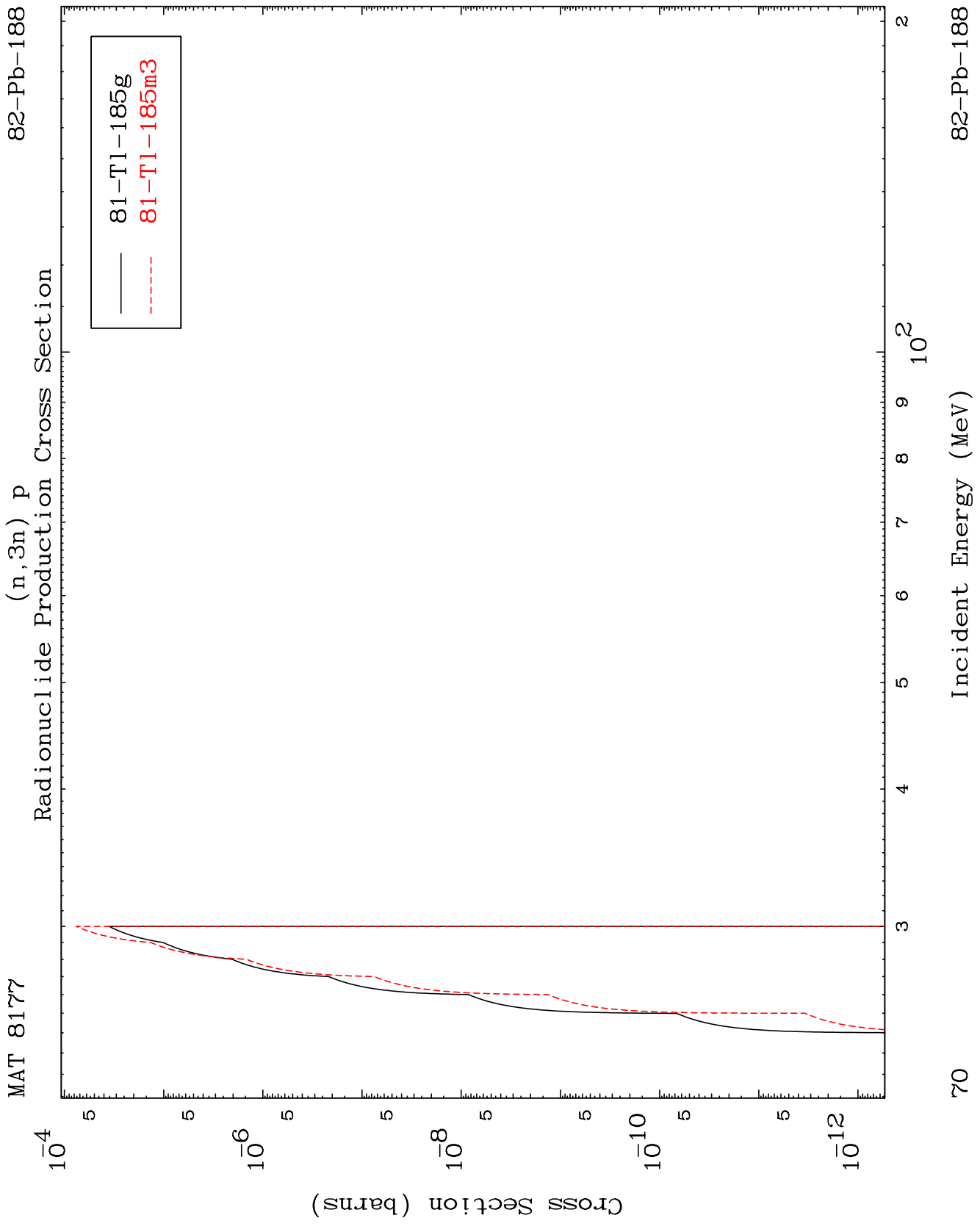
68

Incident Energy (MeV)

82-Pb-188

Radionuclide Production Cross Section

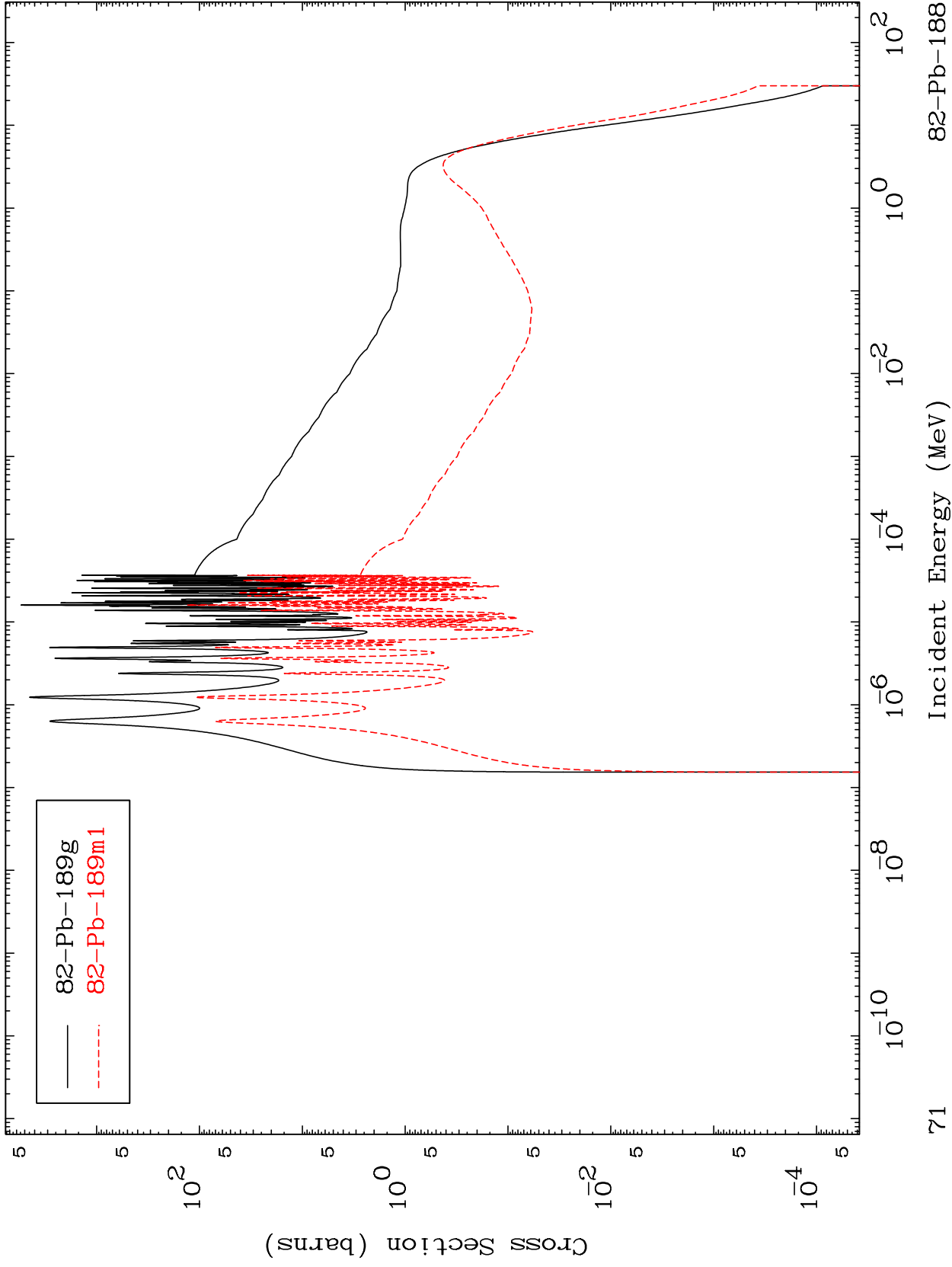




MAT 8177

82-Pb-188

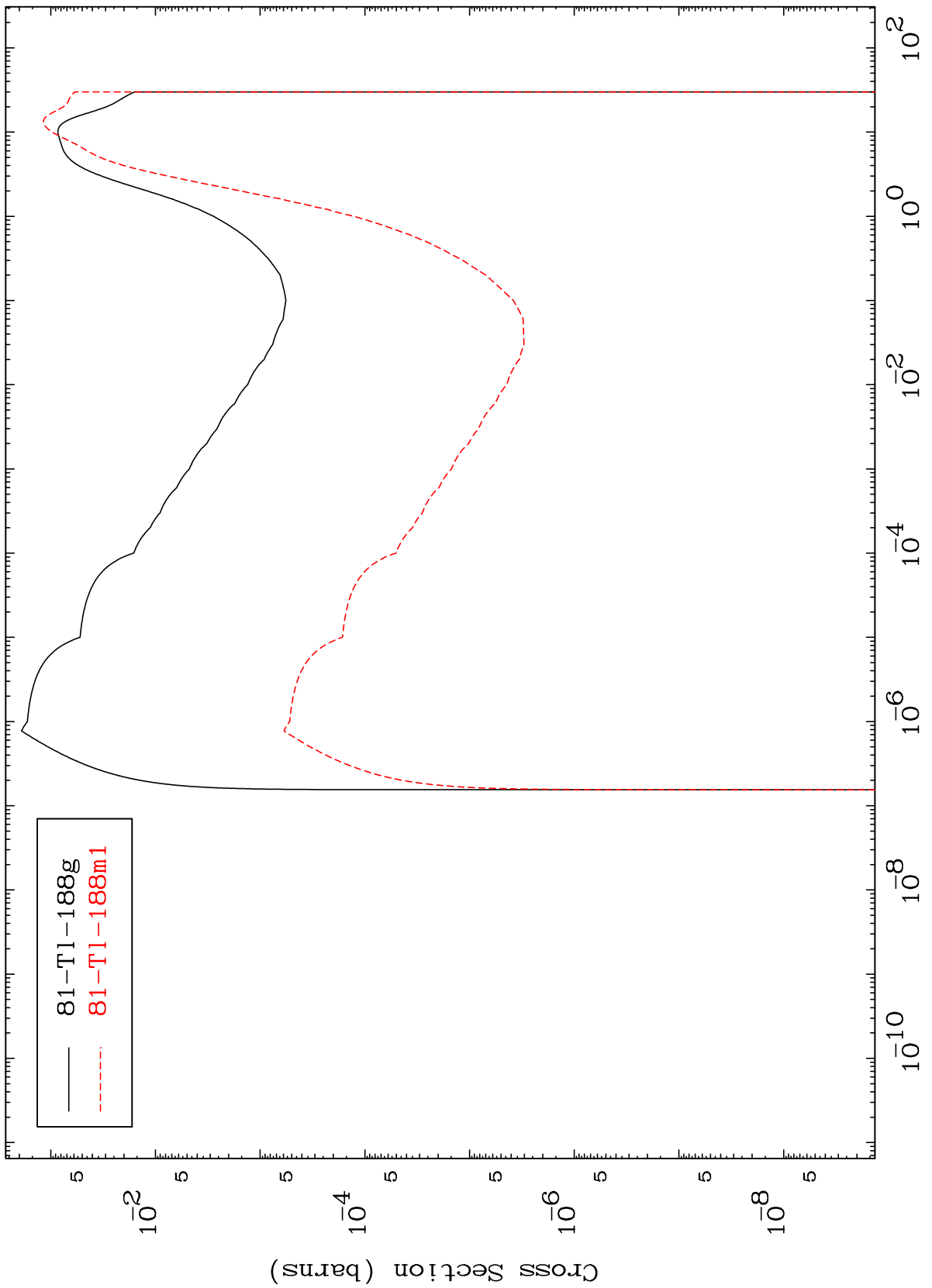
Radionuclide Production Cross Section  
(n,  $\gamma$ )



MAT 8177

82-Pb-188

(n,p)  
Radionuclide Production Cross Section



— 81-Tl-188g  
- - - 81-Tl-188m1

72

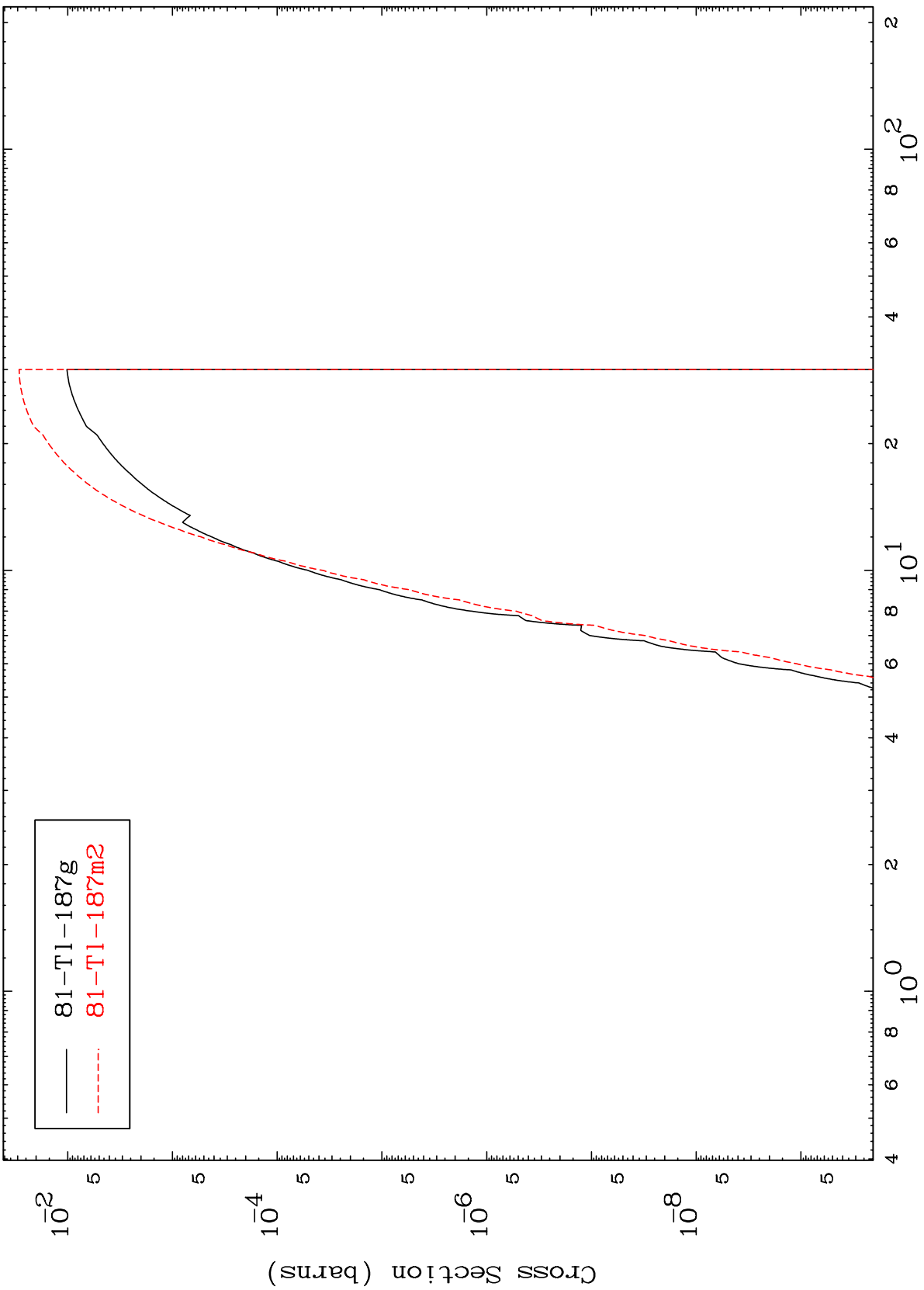
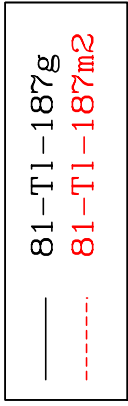
82-Pb-188

MAT 8177

(n,d)

82-Pb-188

Radionuclide Production Cross Section



73

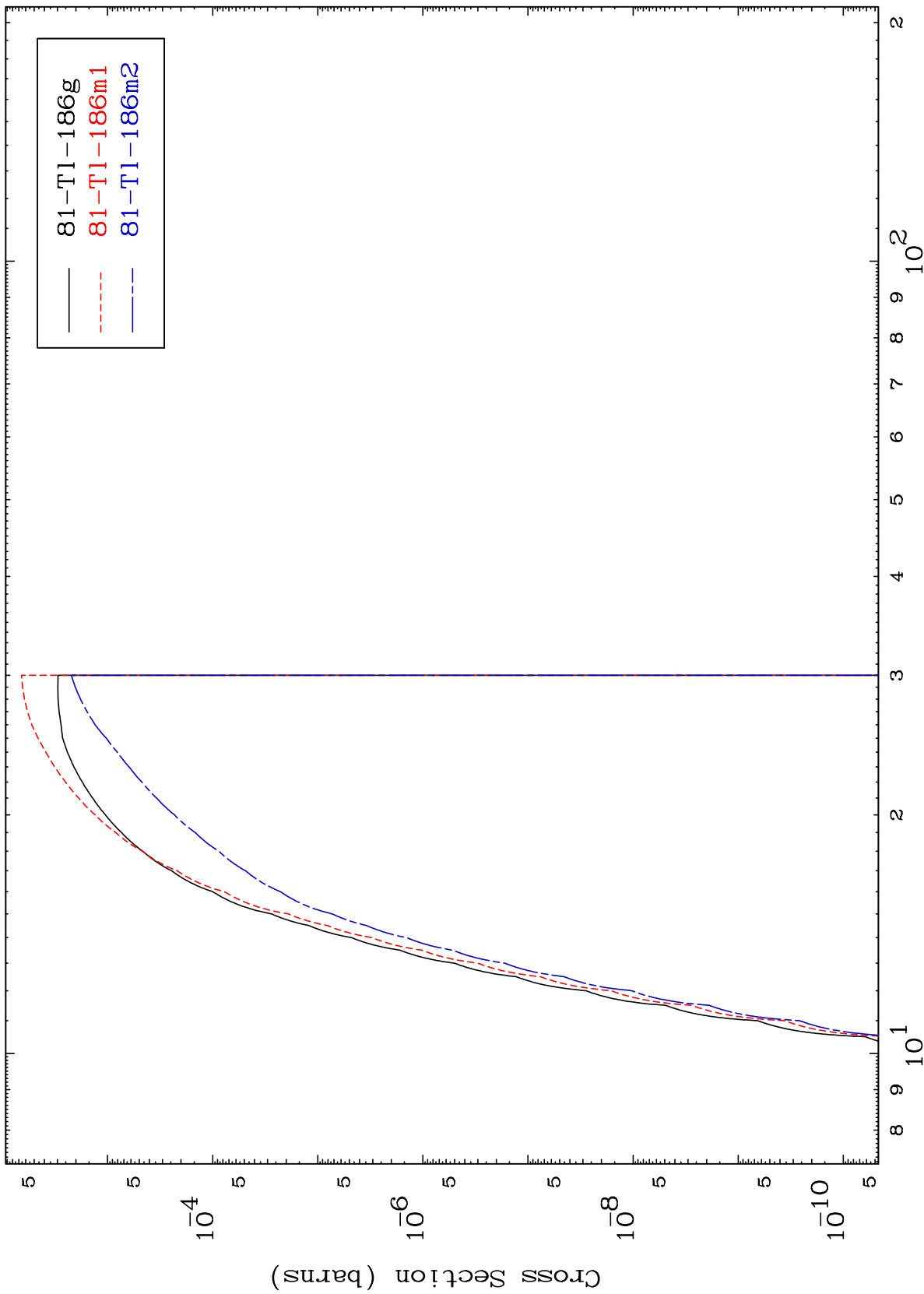
Incident Energy (MeV)

82-Pb-188

MAT 8177

82-Pb-188

(n,t)  
Radionuclide Production Cross Section



74

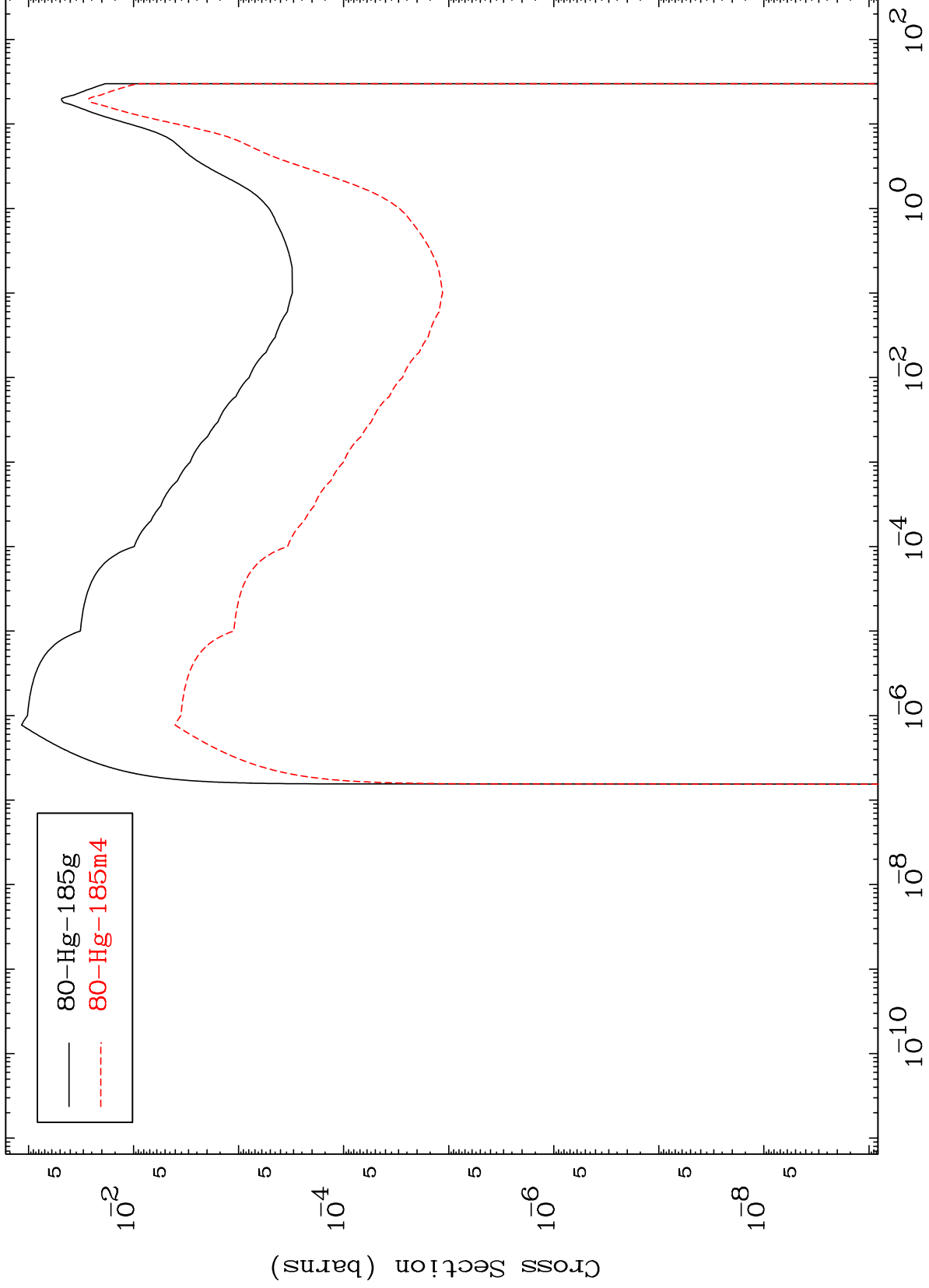
Incident Energy (MeV)

82-Pb-188

MAT 8177

82-Pb-188

Radionuclide Production Cross Section



80-Hg-185g  
80-Hg-185m4

75

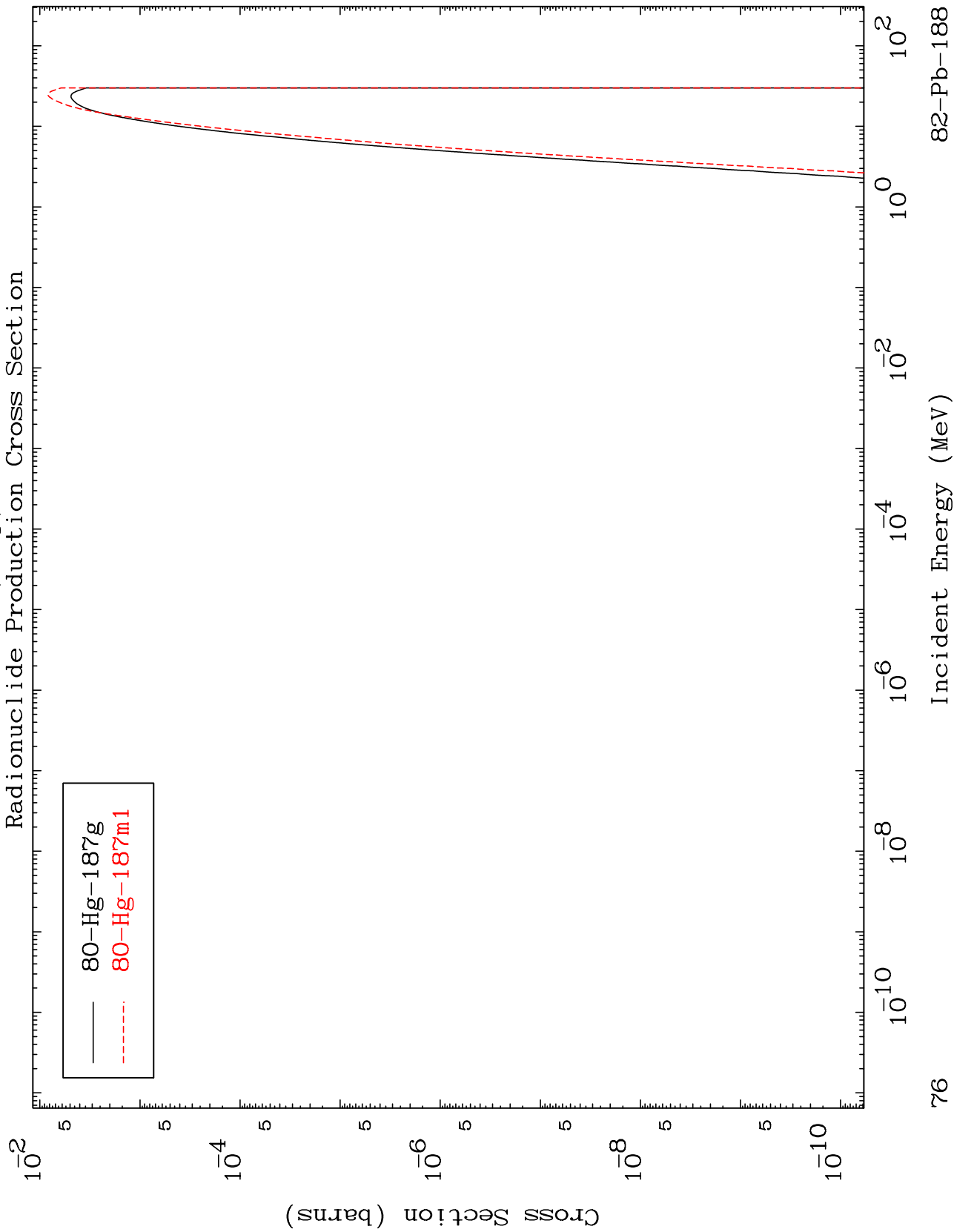
82-Pb-188

Incident Energy (MeV)

MAT 8177

82-Pb-188

(n,2p)  
Radionuclide Production Cross Section



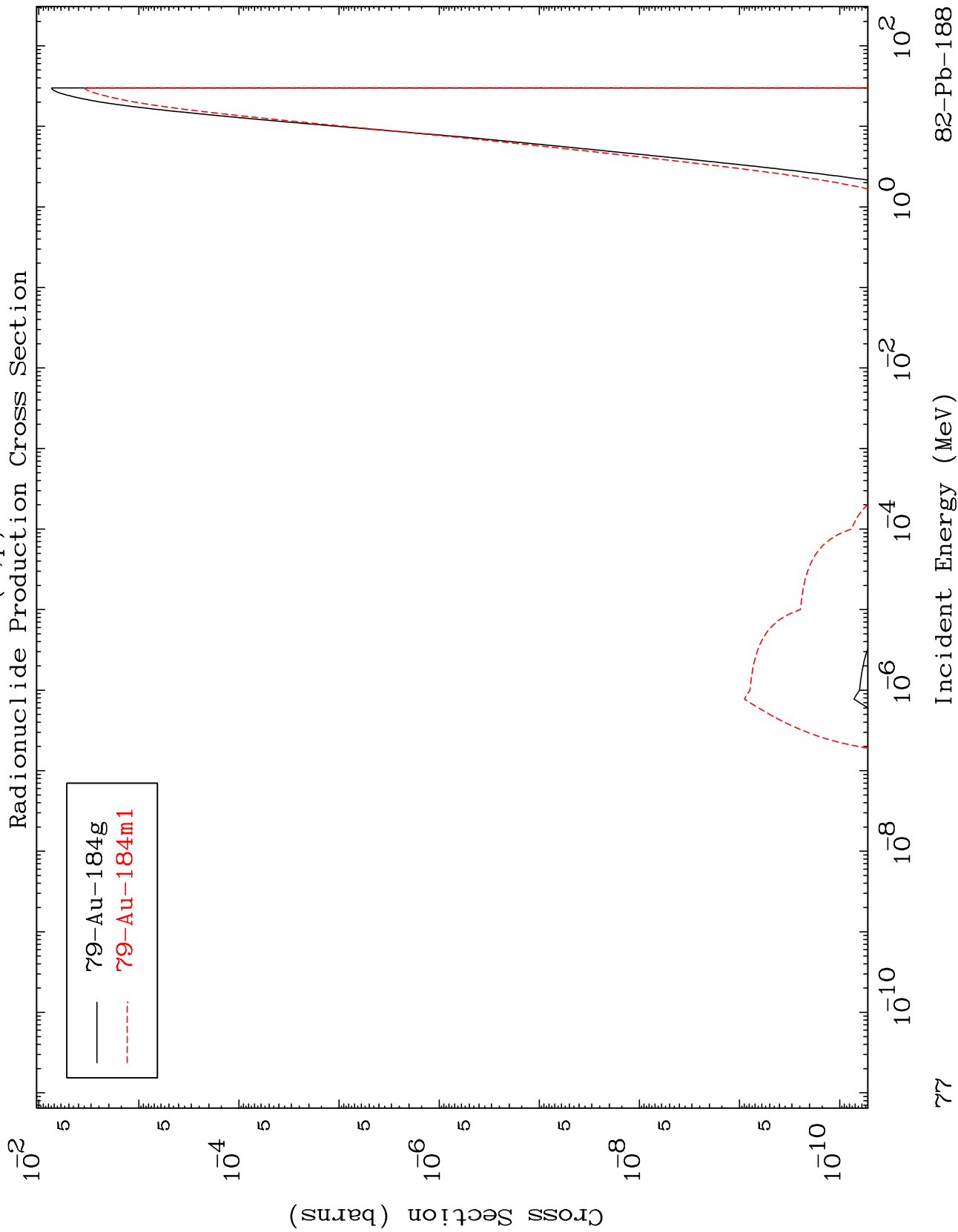
76

MAT 8177

(n,p)  $\alpha$

82-Pb-188

Radionuclide Production Cross Section



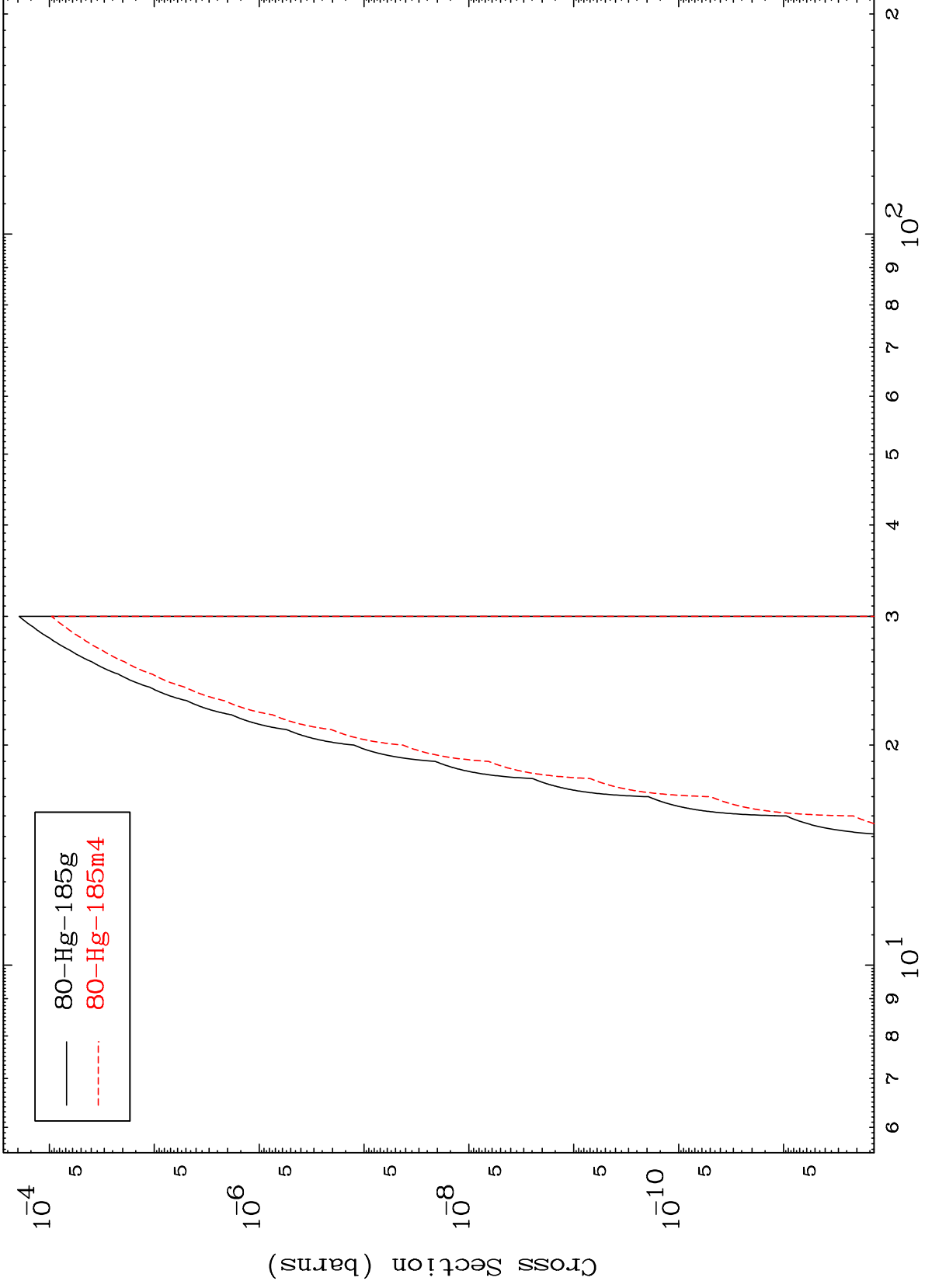
77

MAT 8177

(n,p) t

82-Pb-188

Radionuclide Production Cross Section



78

Incident Energy (MeV)

82-Pb-188