

Program EVALPLOT  
(Version 2021-1)

by

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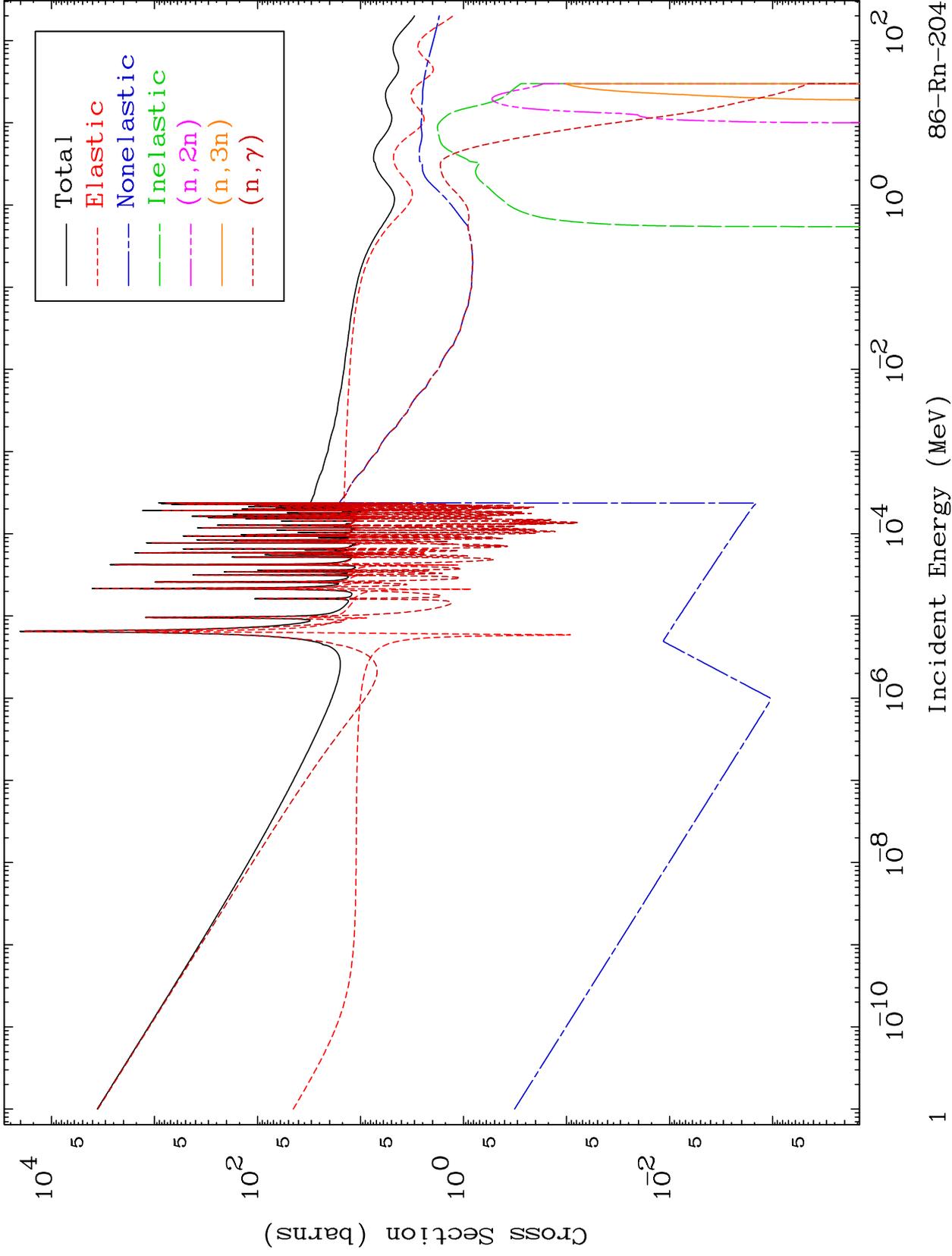
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Press Mouse Button to Start

MAT 8604

Neutron Major  
293 Kelvin Cross Sections

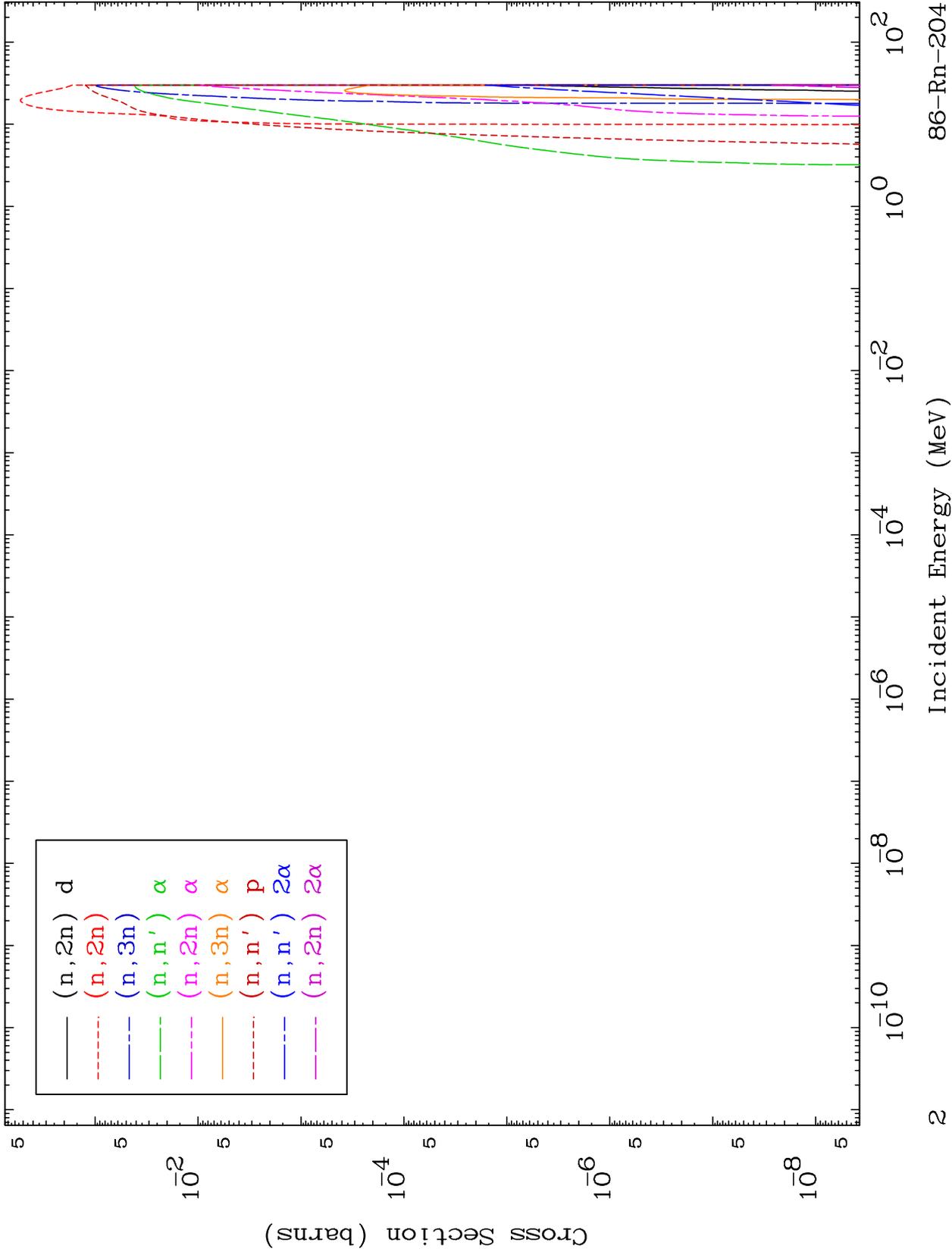
86-Rn-204



MAT 8604

Neutron Absorption  
293 Kelvin Cross Sections

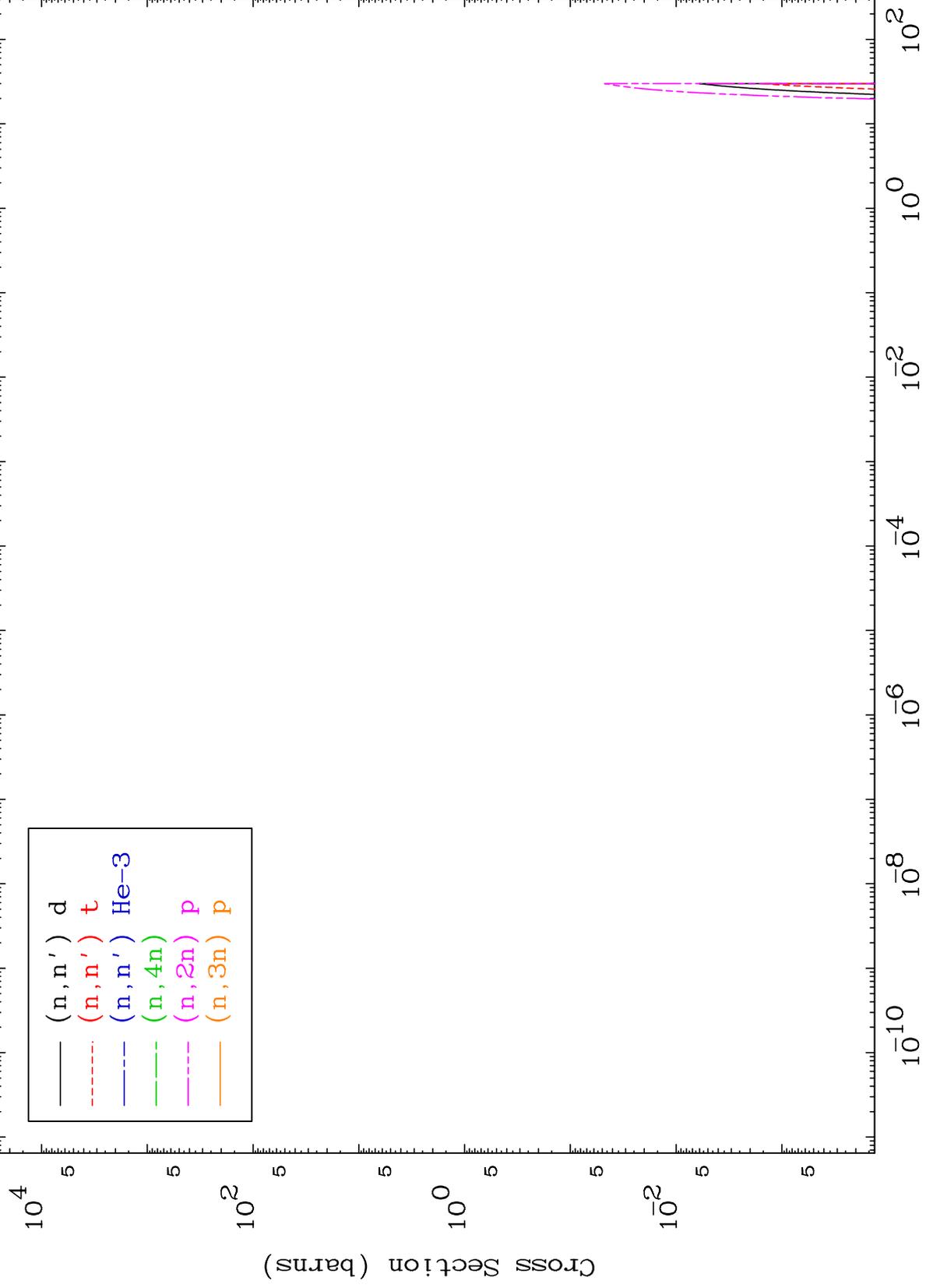
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MAT 8604

Neutron Absorption  
293 Kelvin Cross Sections

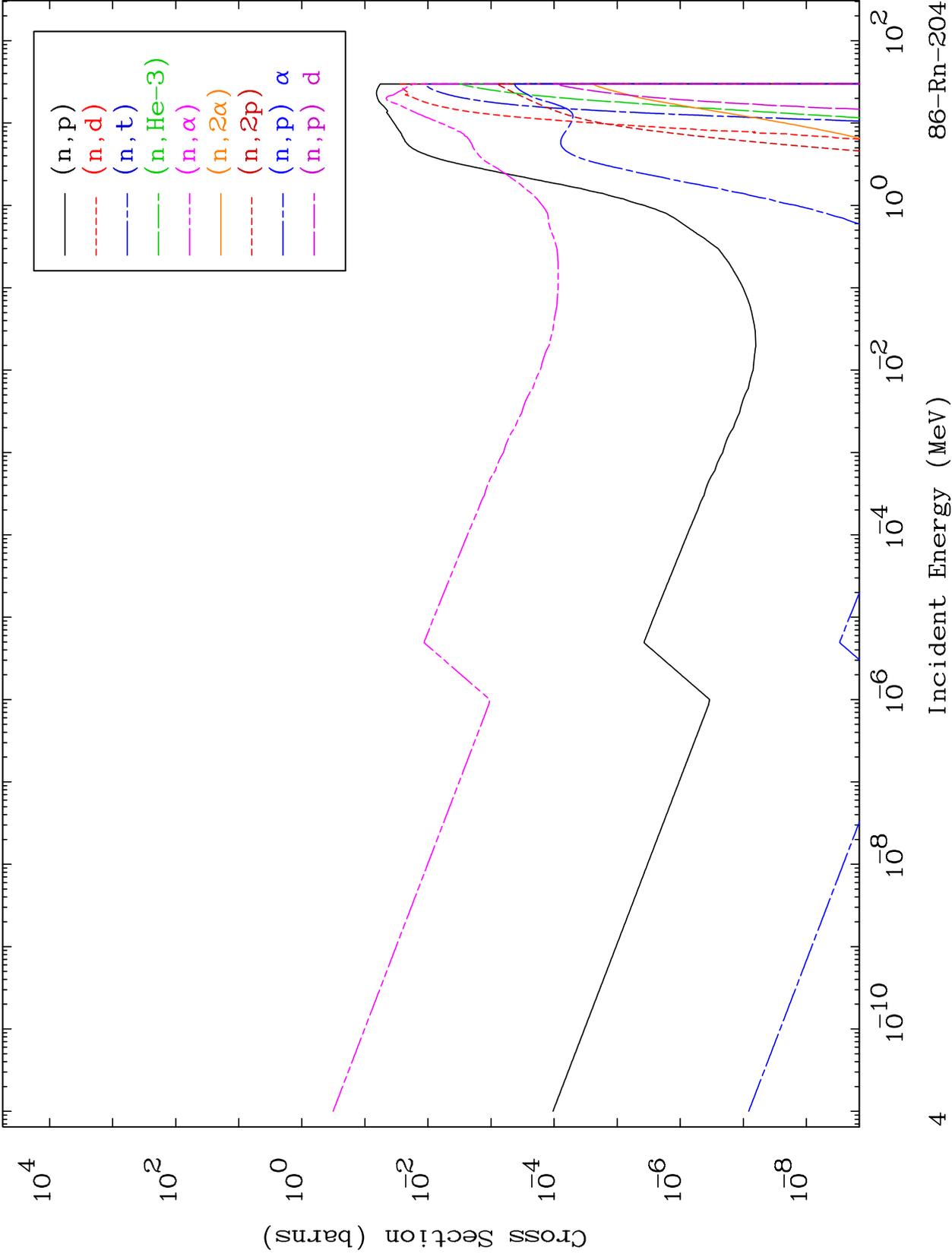
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MAT 8604

Neutron Absorption  
293 Kelvin Cross Sections

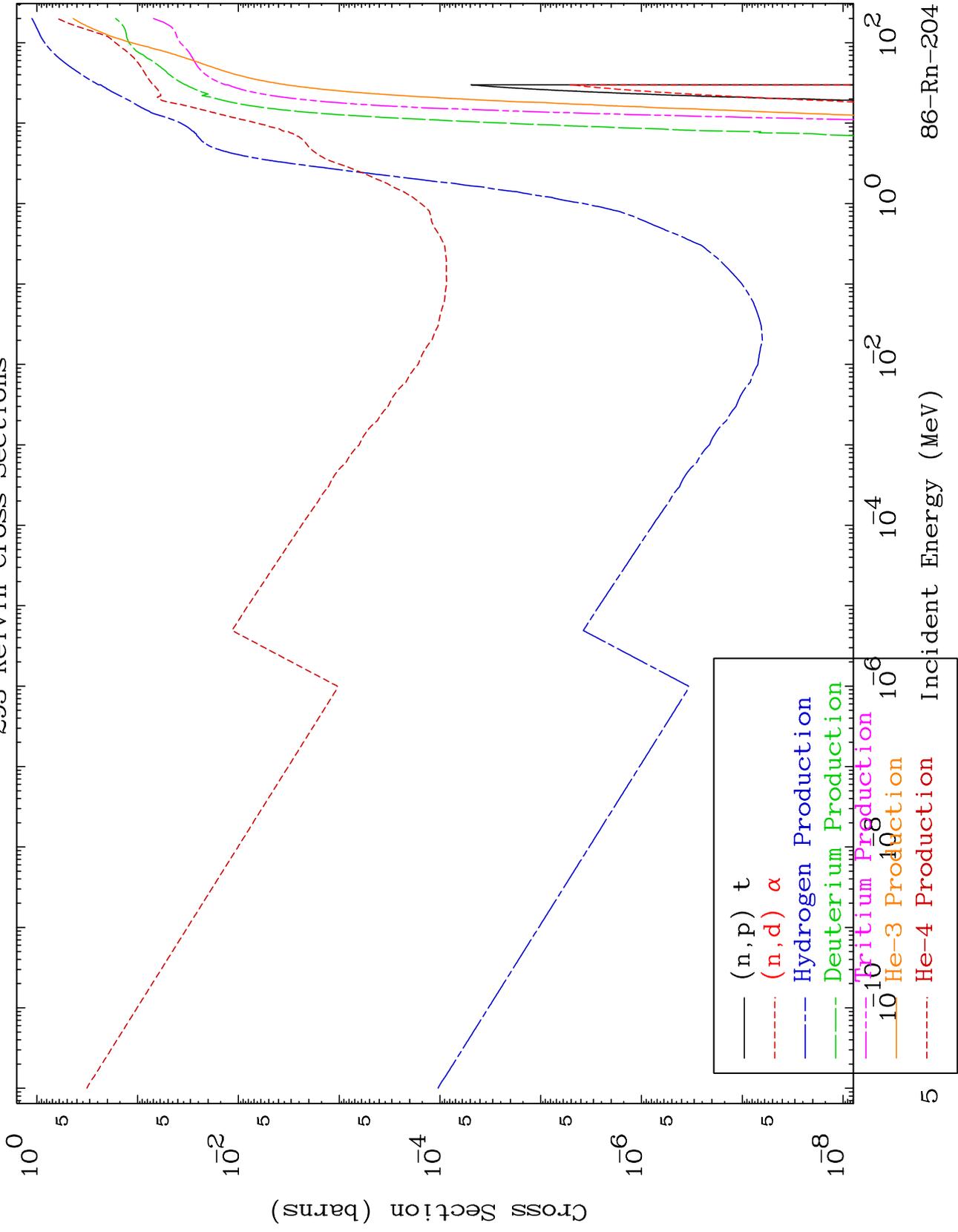
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MAT 8604

Neutron Absorption  
293 Kelvin Cross Sections

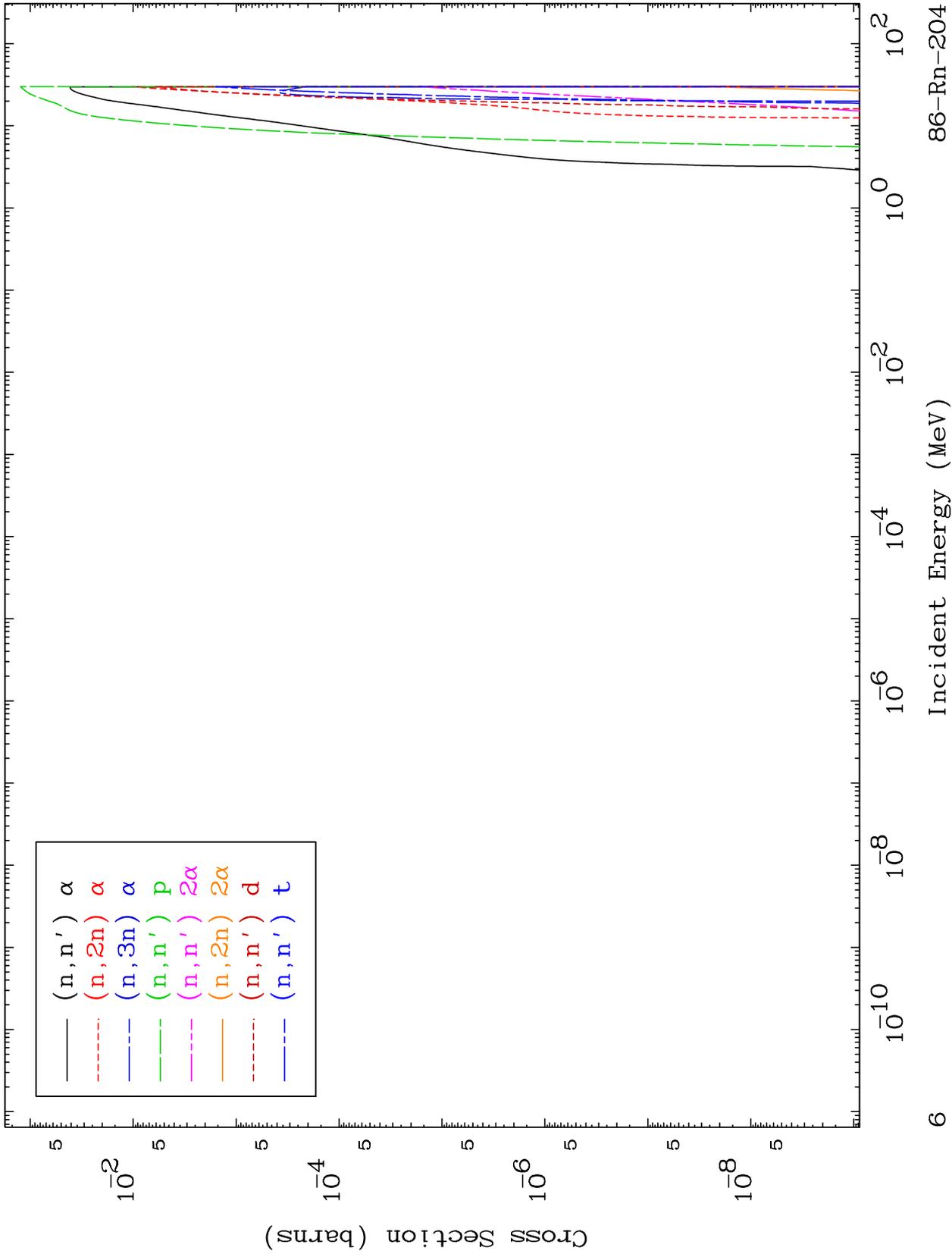
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MAT 8604

Charged Particle  
293 Kelvin Cross Sections

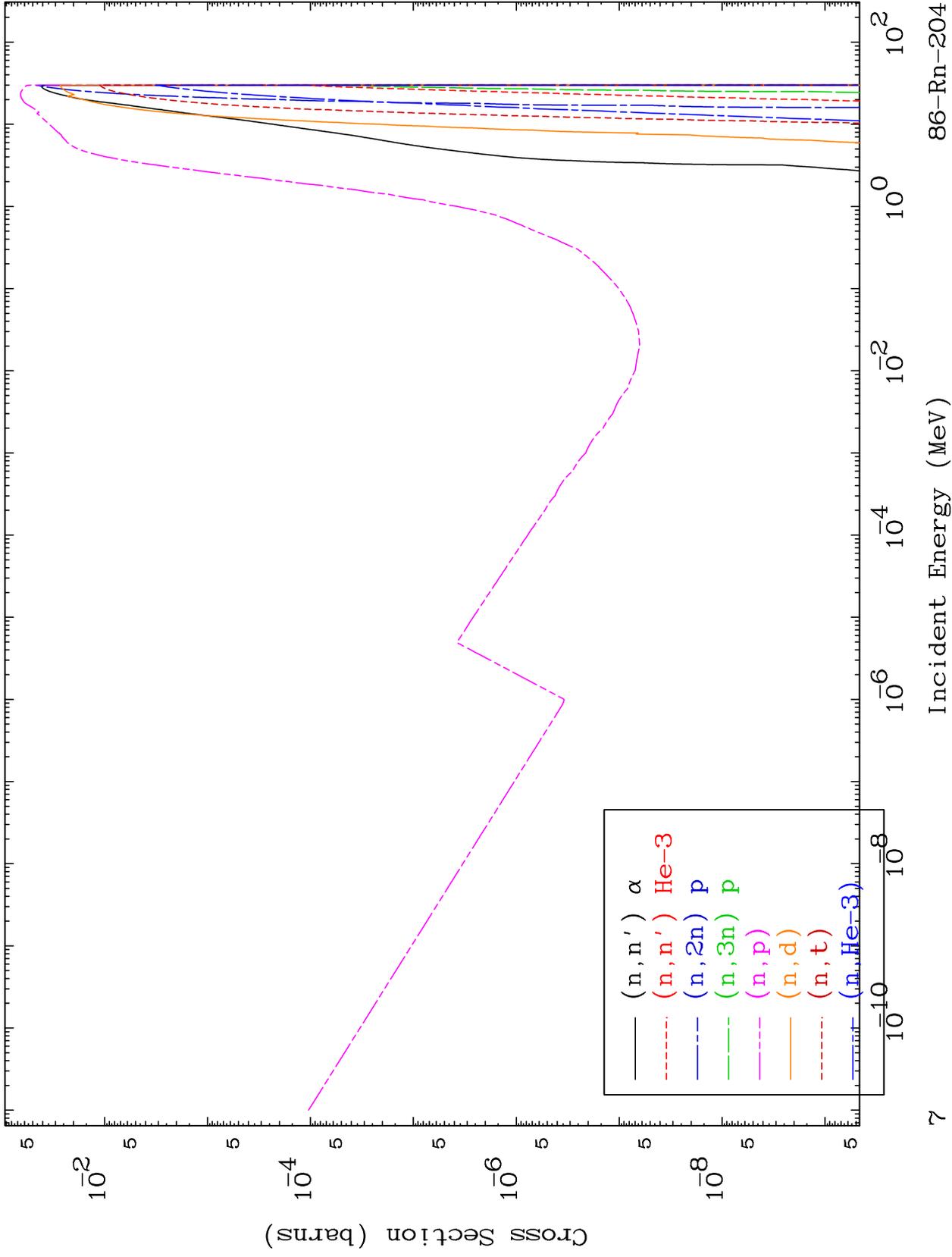
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Charged Particle  
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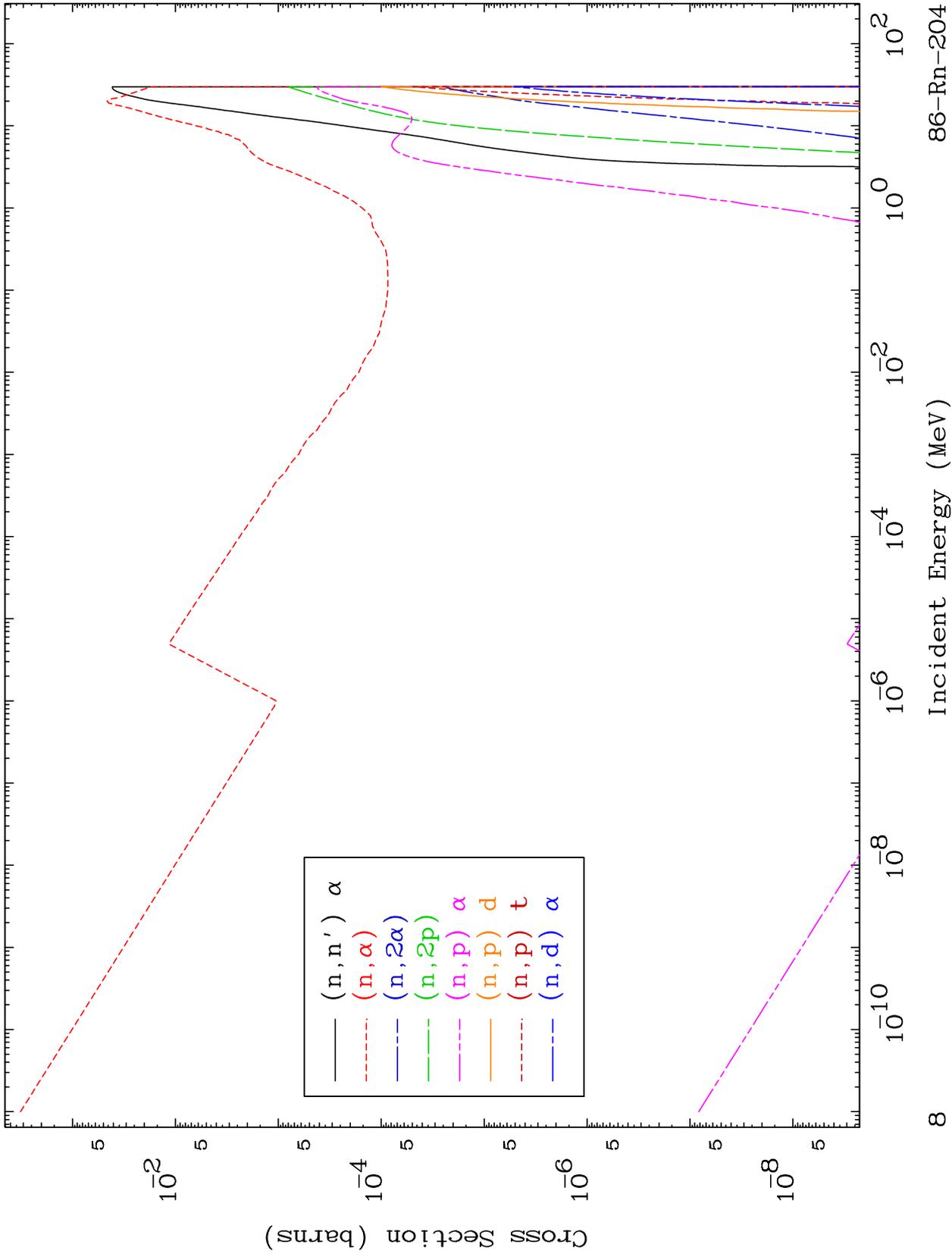
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MAT 8604

Charged Particle  
293 Kelvin Cross Sections

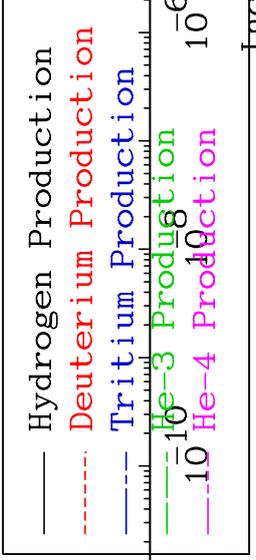
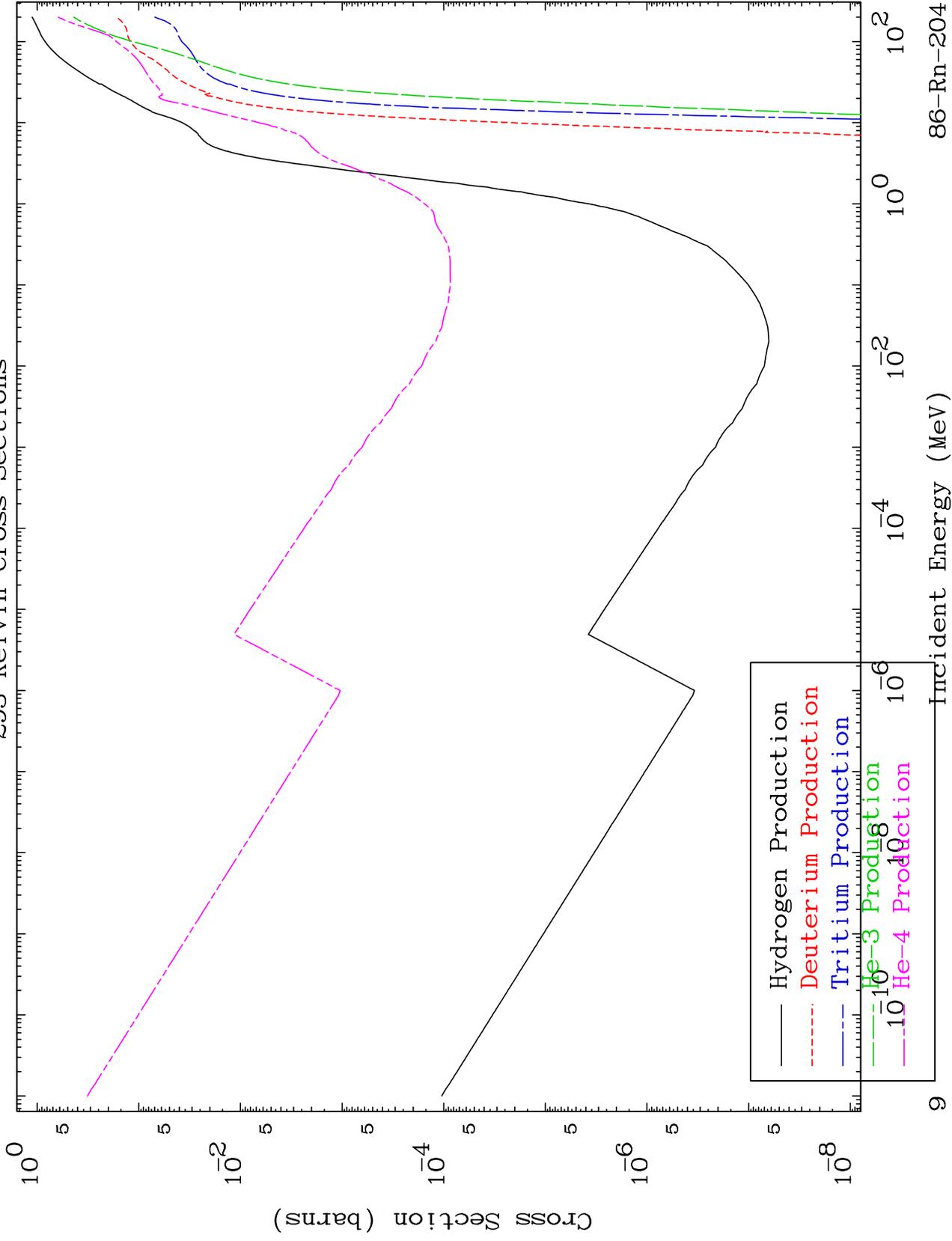
86-Rn-204



MAT 8604

Particle Production  
293 Kelvin Cross Sections

86-Rn-204

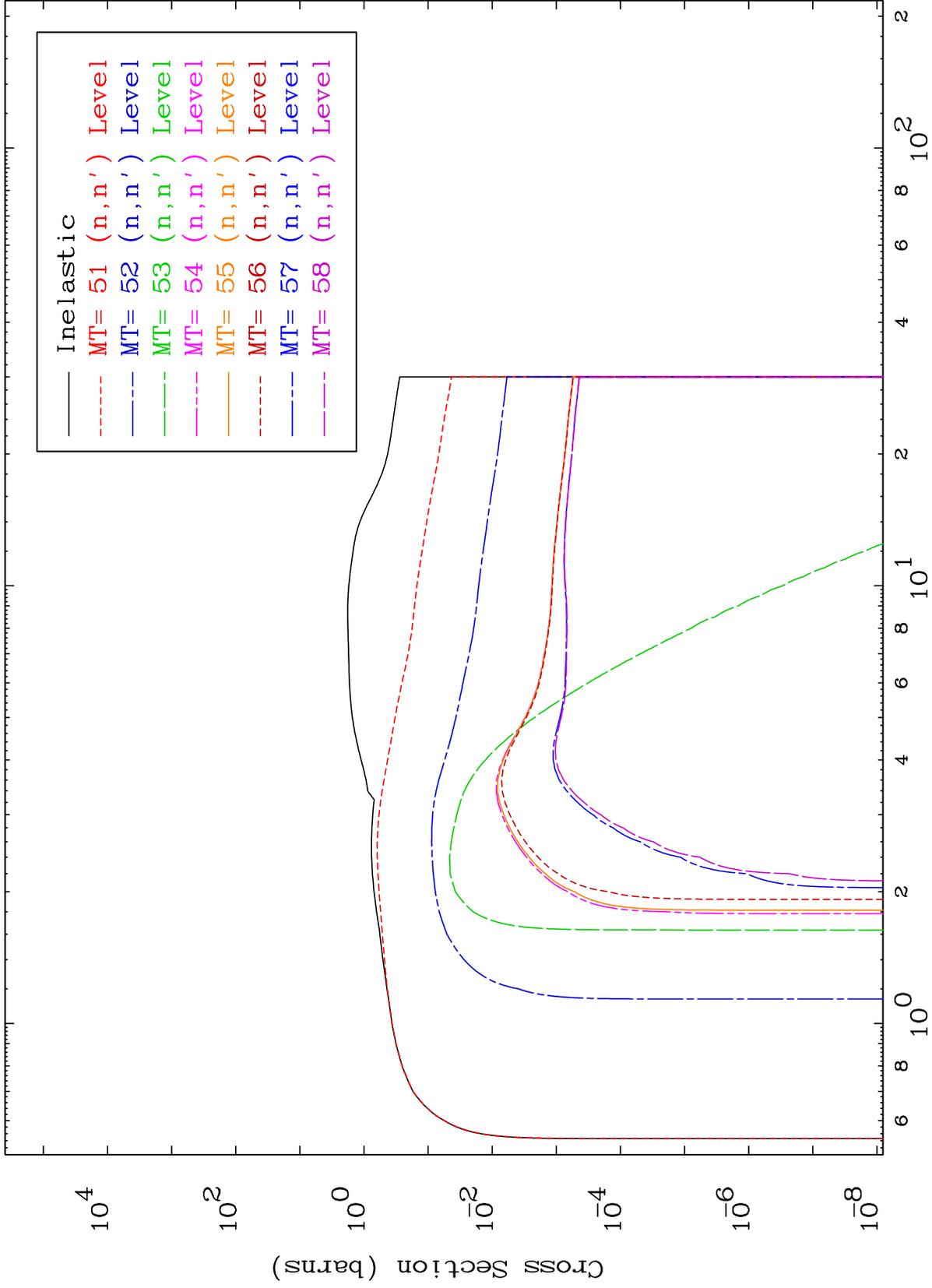


MAT 8604

(n,n') Levels

86-Rn-204

293 Kelvin Cross Sections

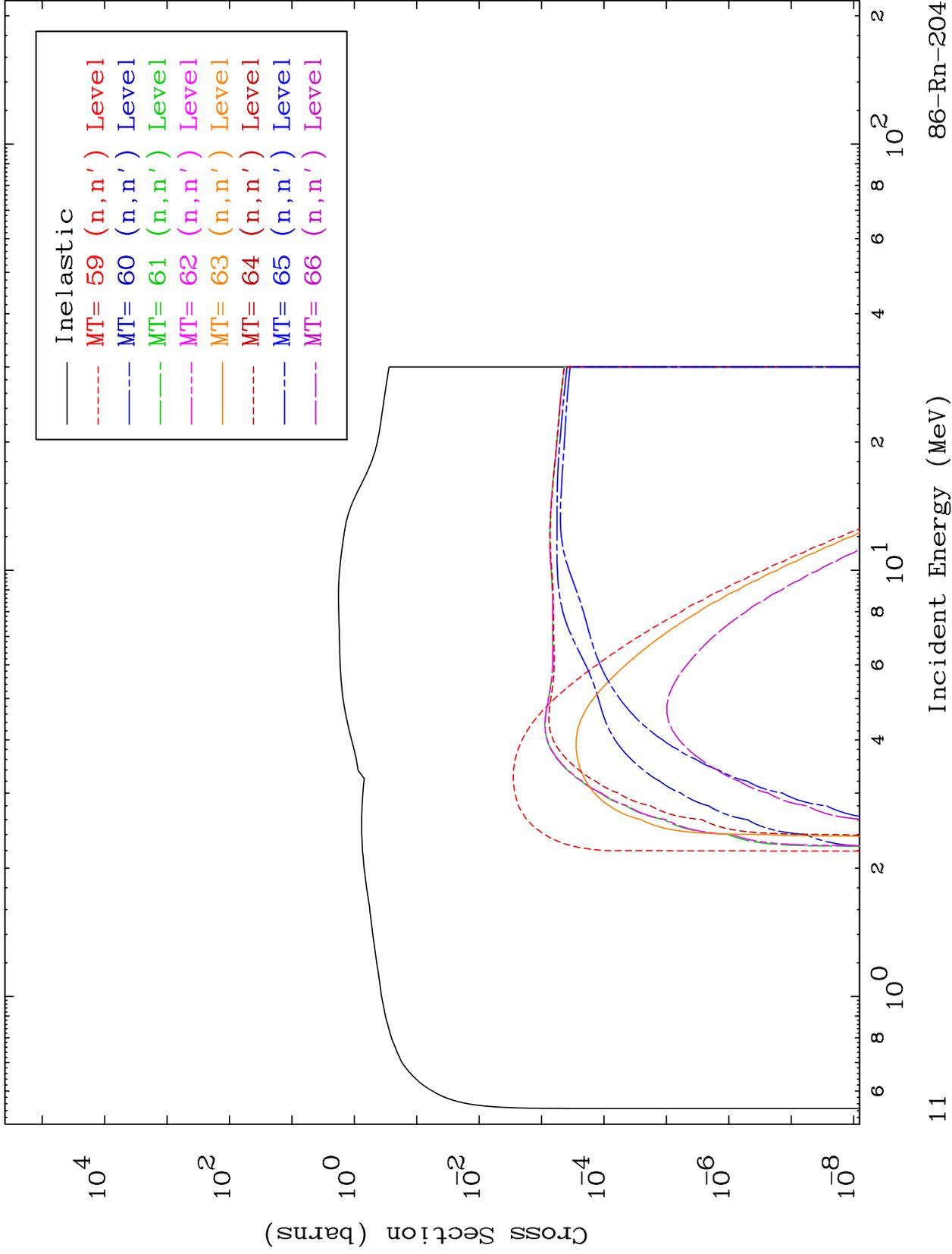


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Incident Energy (MeV)

86-Rn-204

293 Kelvin Cross Sections

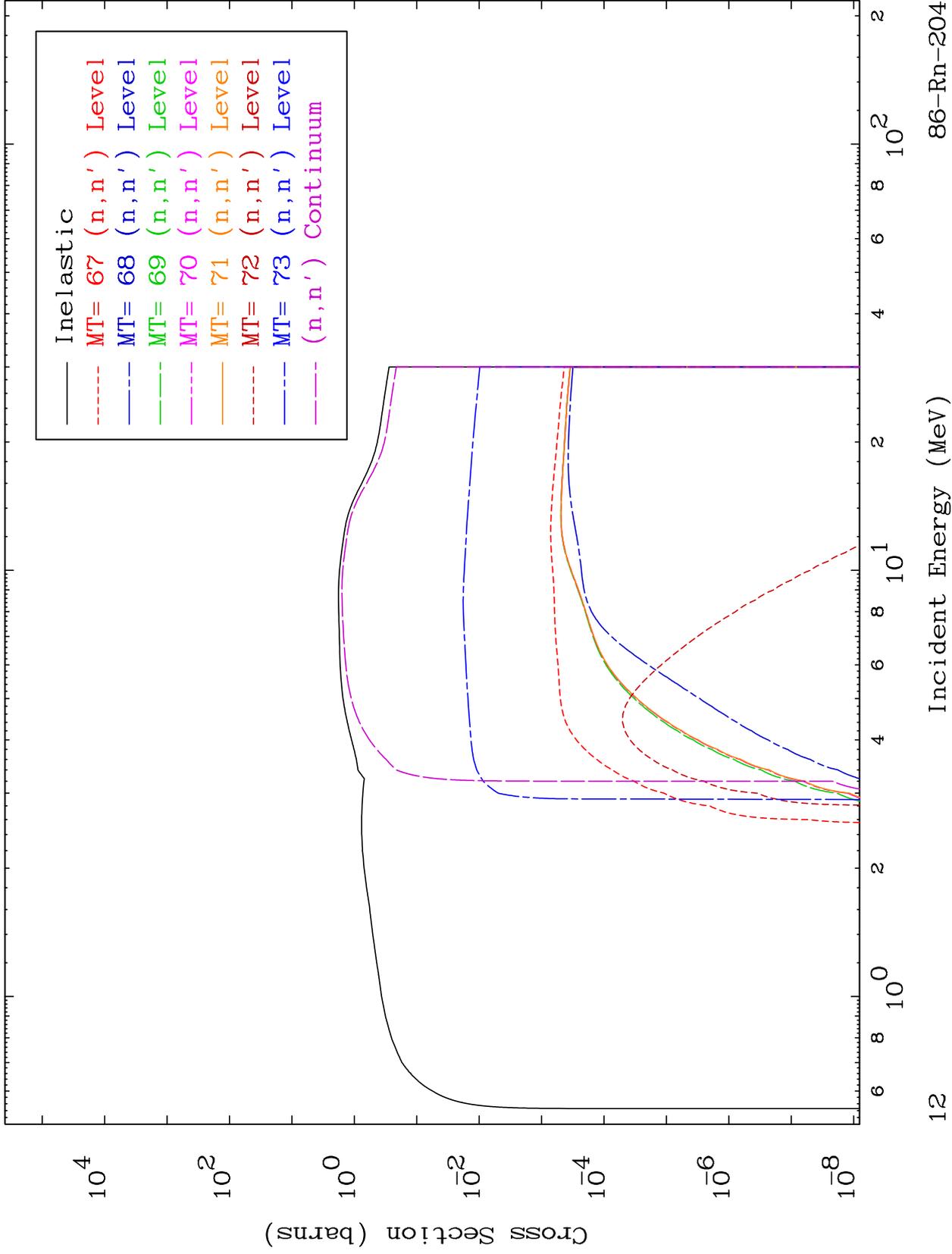


MAT 8604

(n,n') Levels

86-Rn-204

293 Kelvin Cross Sections



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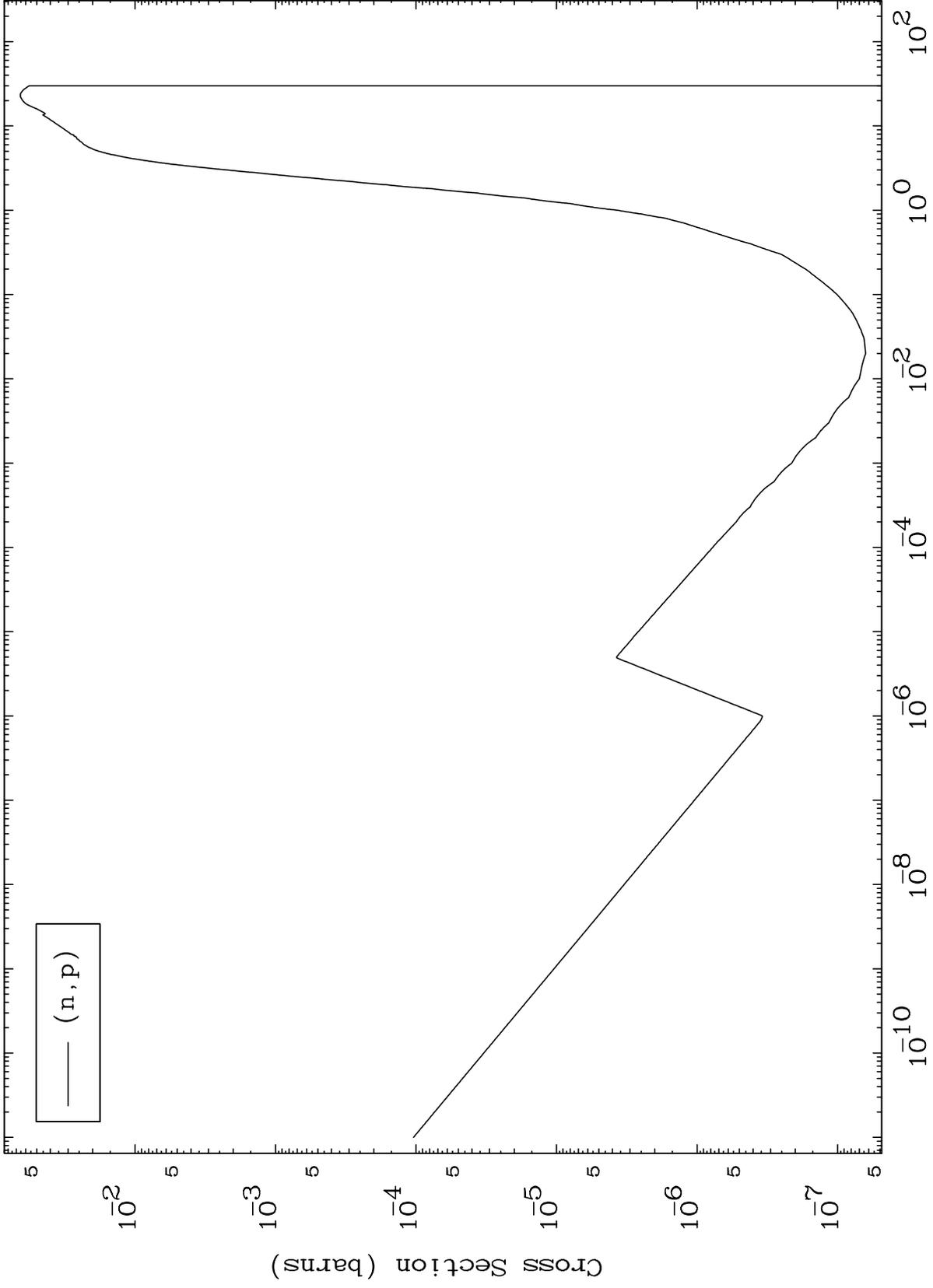
Incident Energy (MeV)

86-Rn-204

MAT 8604

(n,p) Levels  
293 Kelvin Cross Sections

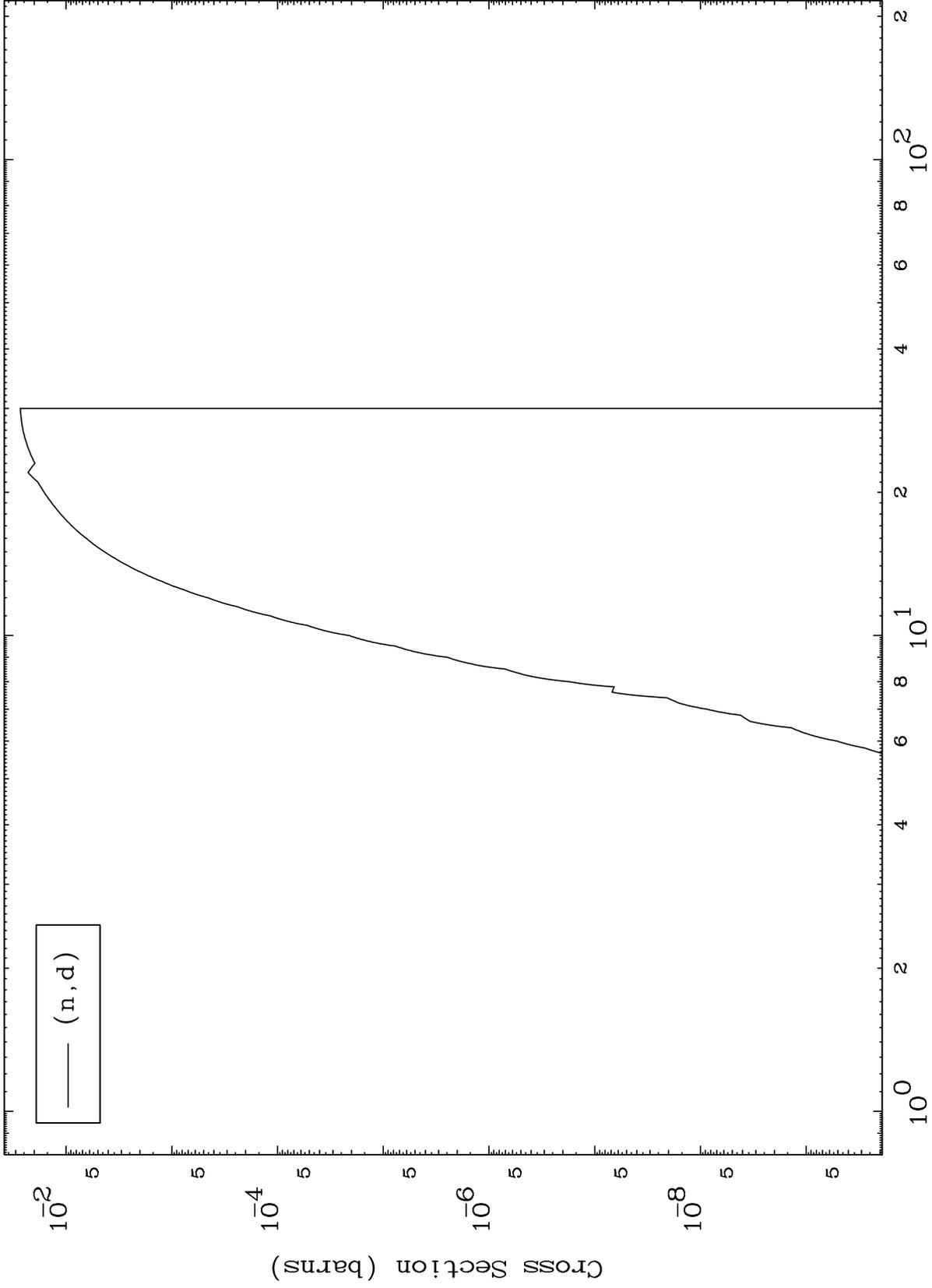
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MAT 8604

(n,d) Levels  
293 Kelvin Cross Sections

86-Rn-204



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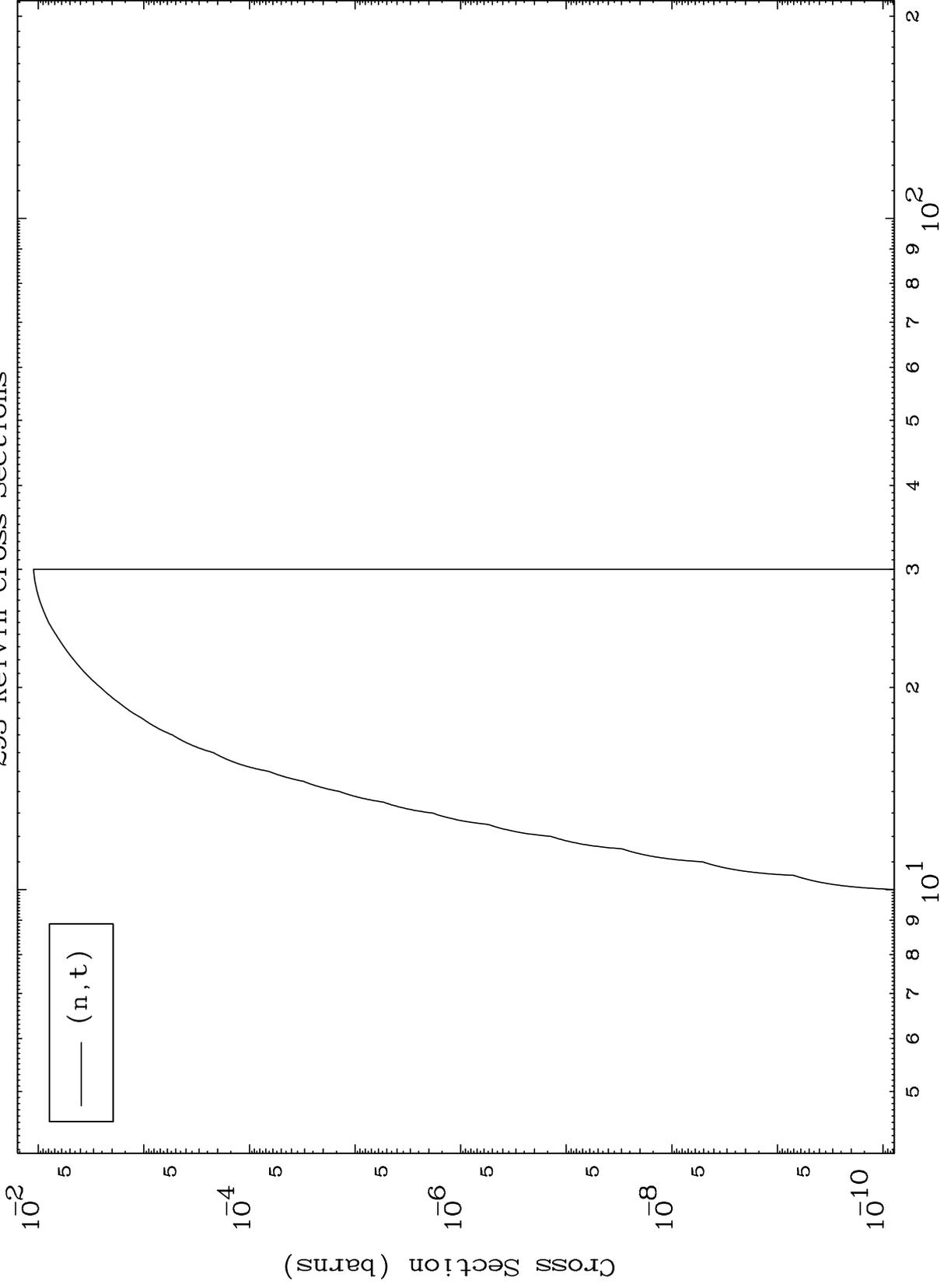
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MAT 8604

(n,t) Levels  
293 Kelvin Cross Sections

86-Rn-204



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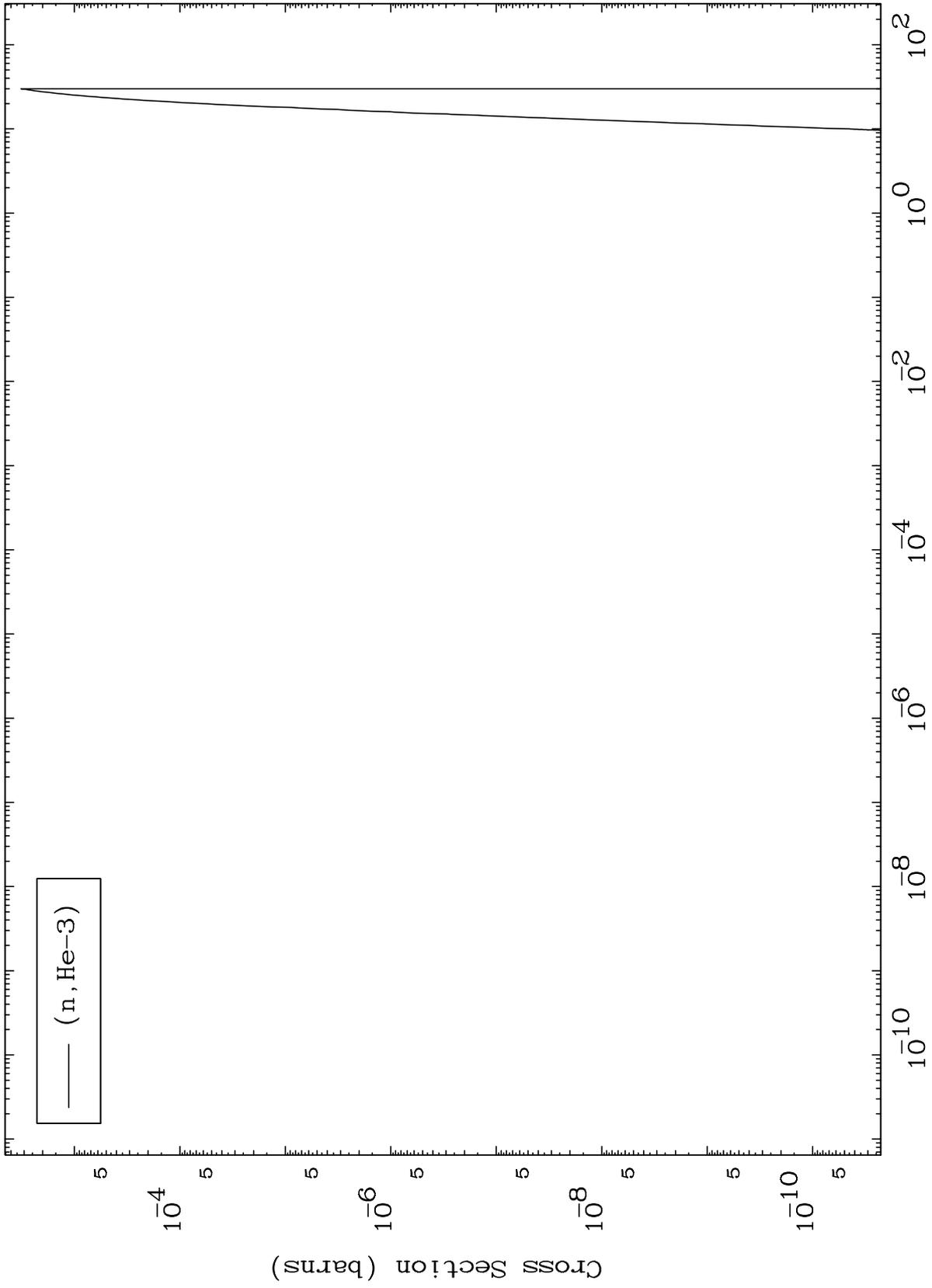
Incident Energy (MeV)

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MAT 8604

(n,He3) Levels  
293 Kelvin Cross Sections

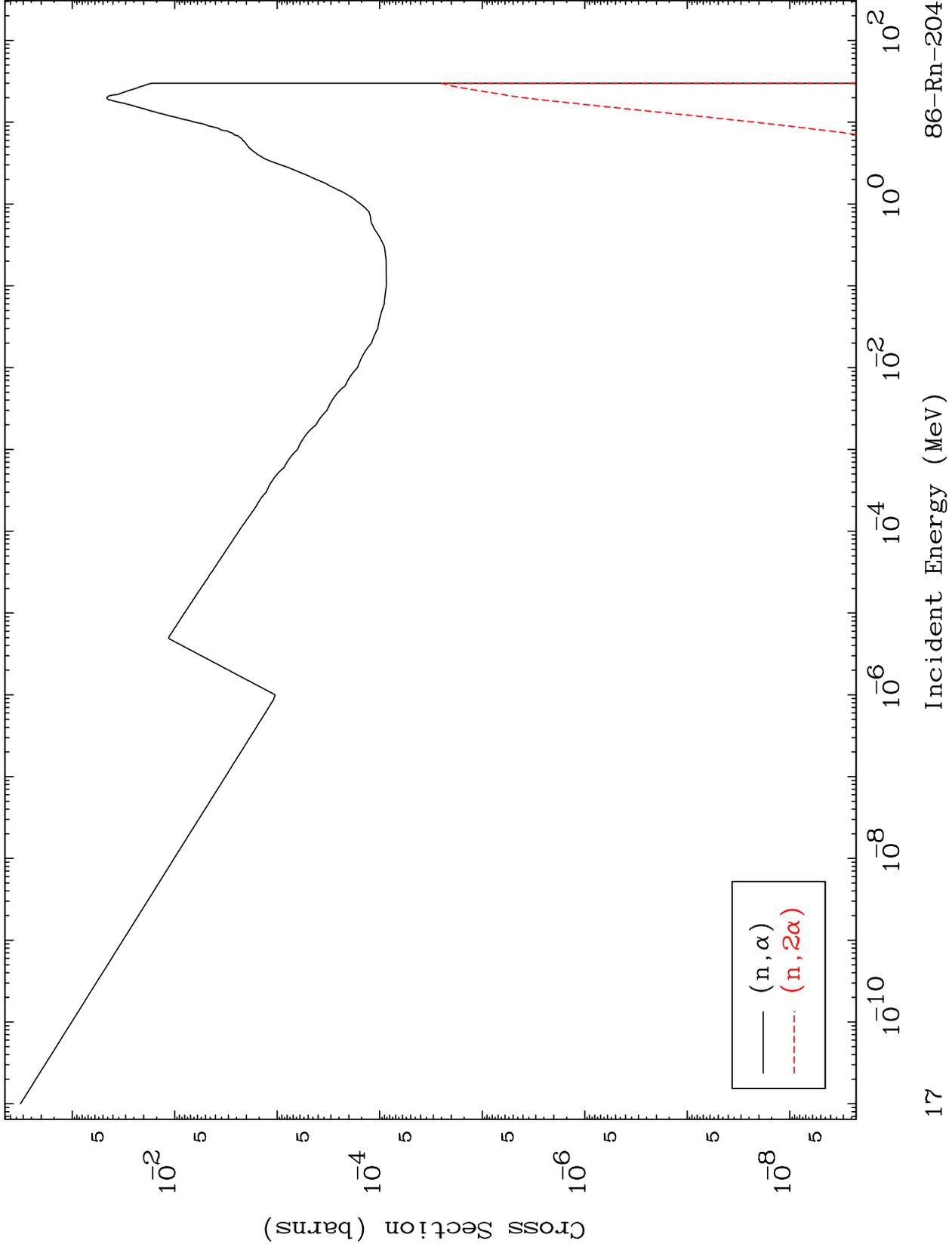
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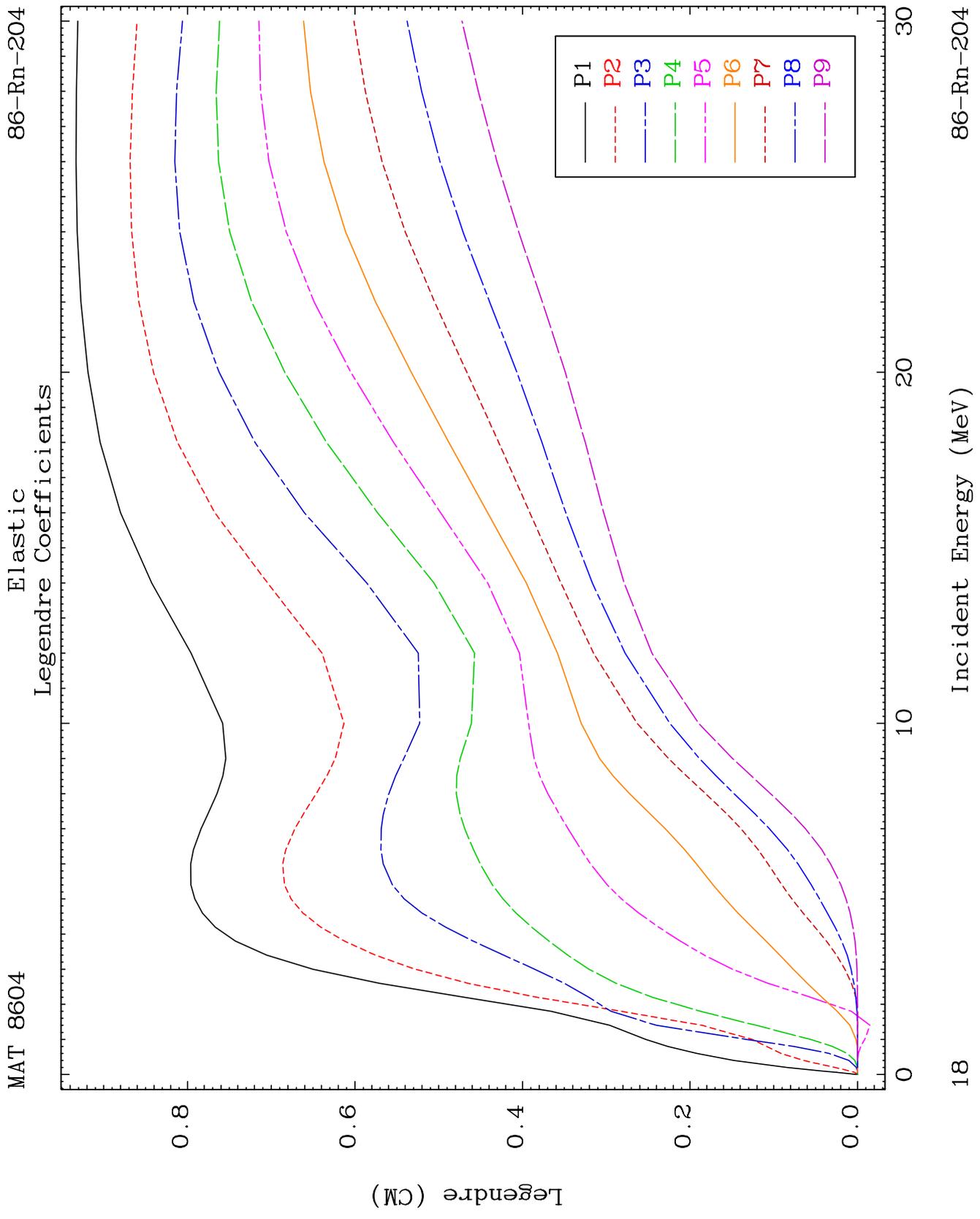


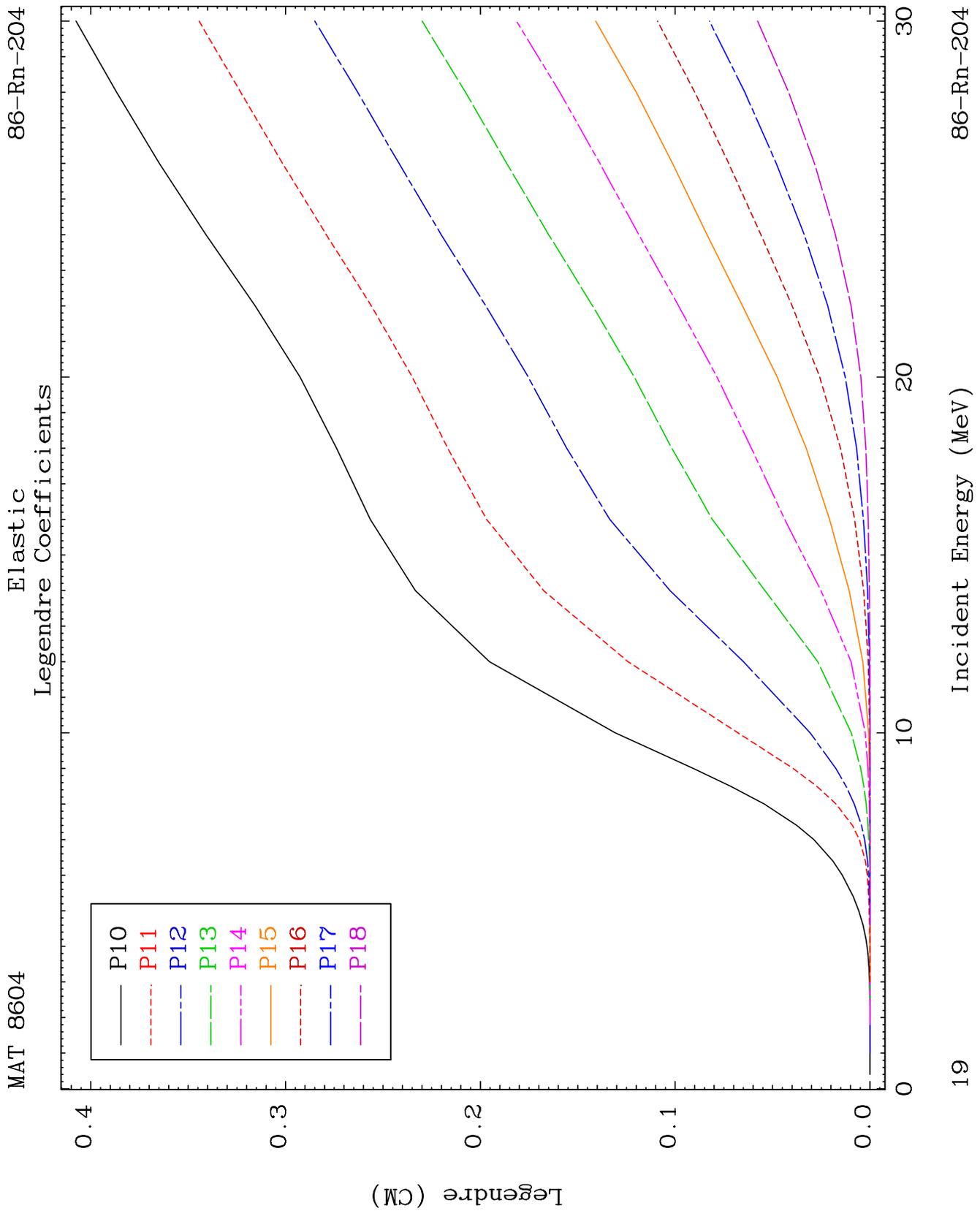
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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

86-Rn-204



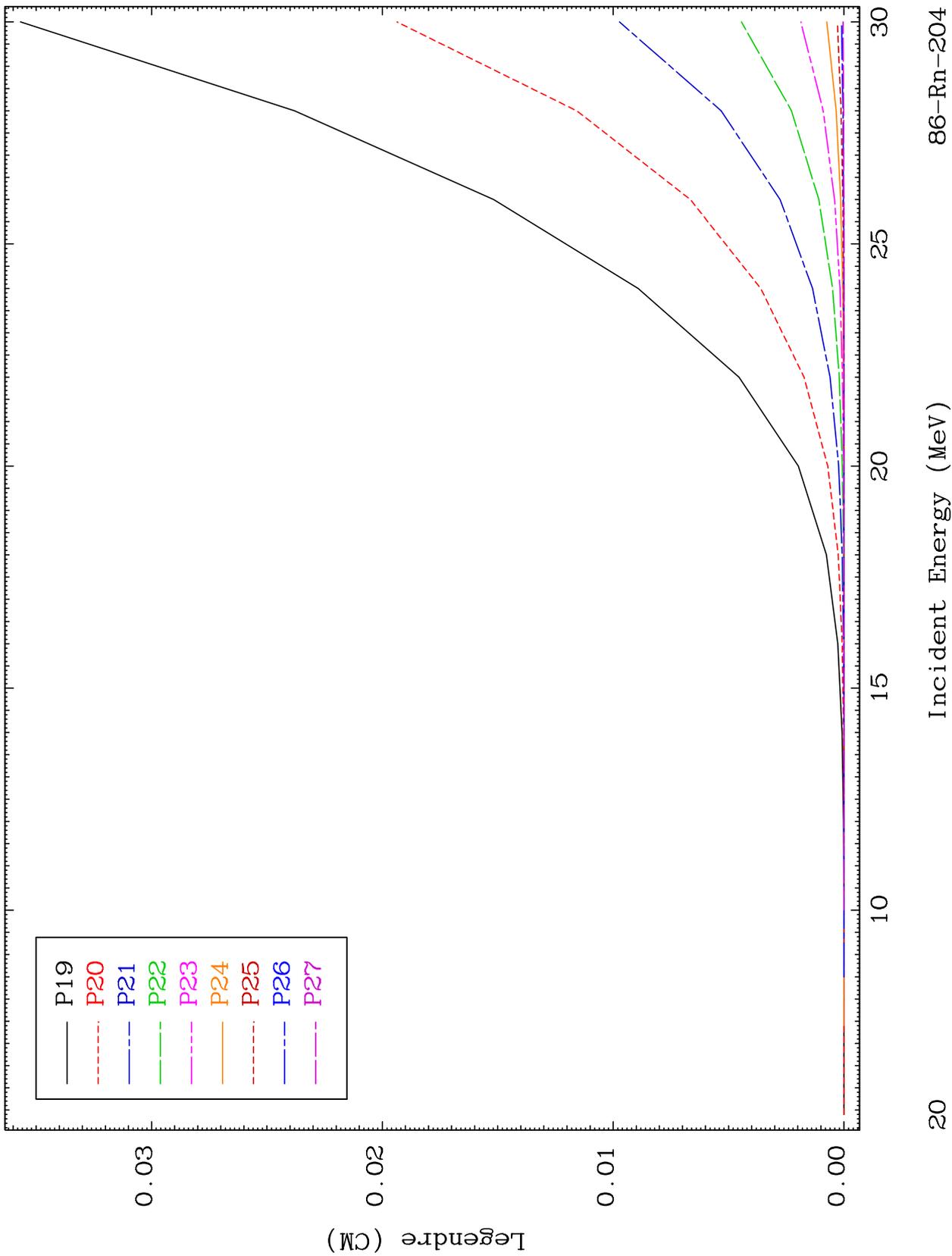




MAT 8604

Elastic Legendre Coefficients

86-Rn-204



86-Rn-204

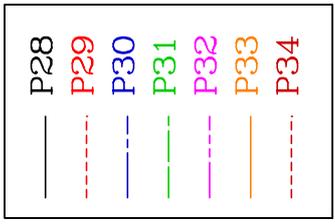
Incident Energy (MeV)

20

MAT 8604

Elastic Legendre Coefficients

86-Rn-204



$\times 10^{-5}$

1.2

1.0

Legendre (CM)

0.8

0.6

0.4

0.2

0.0

15

20

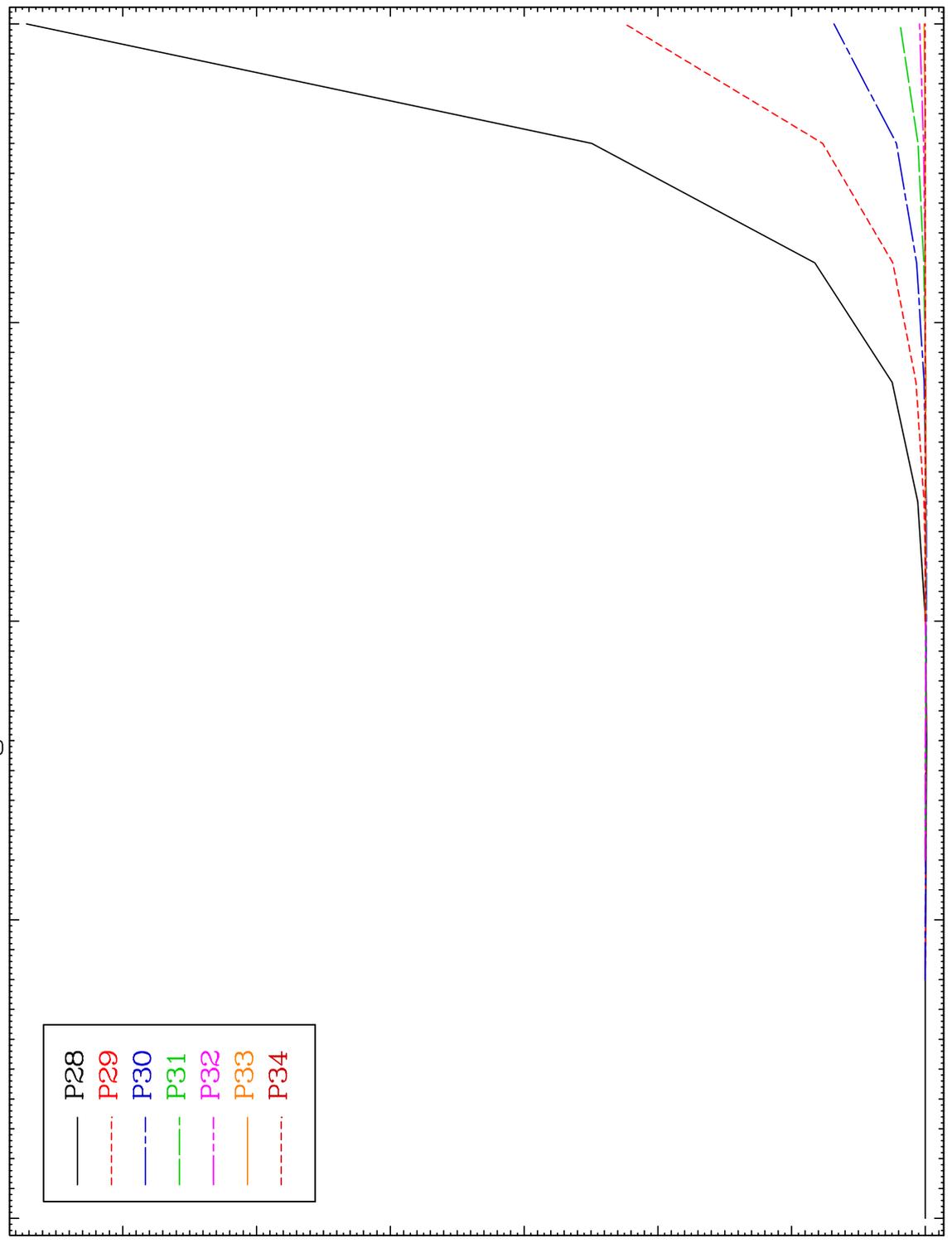
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30

21

Incident Energy (MeV)

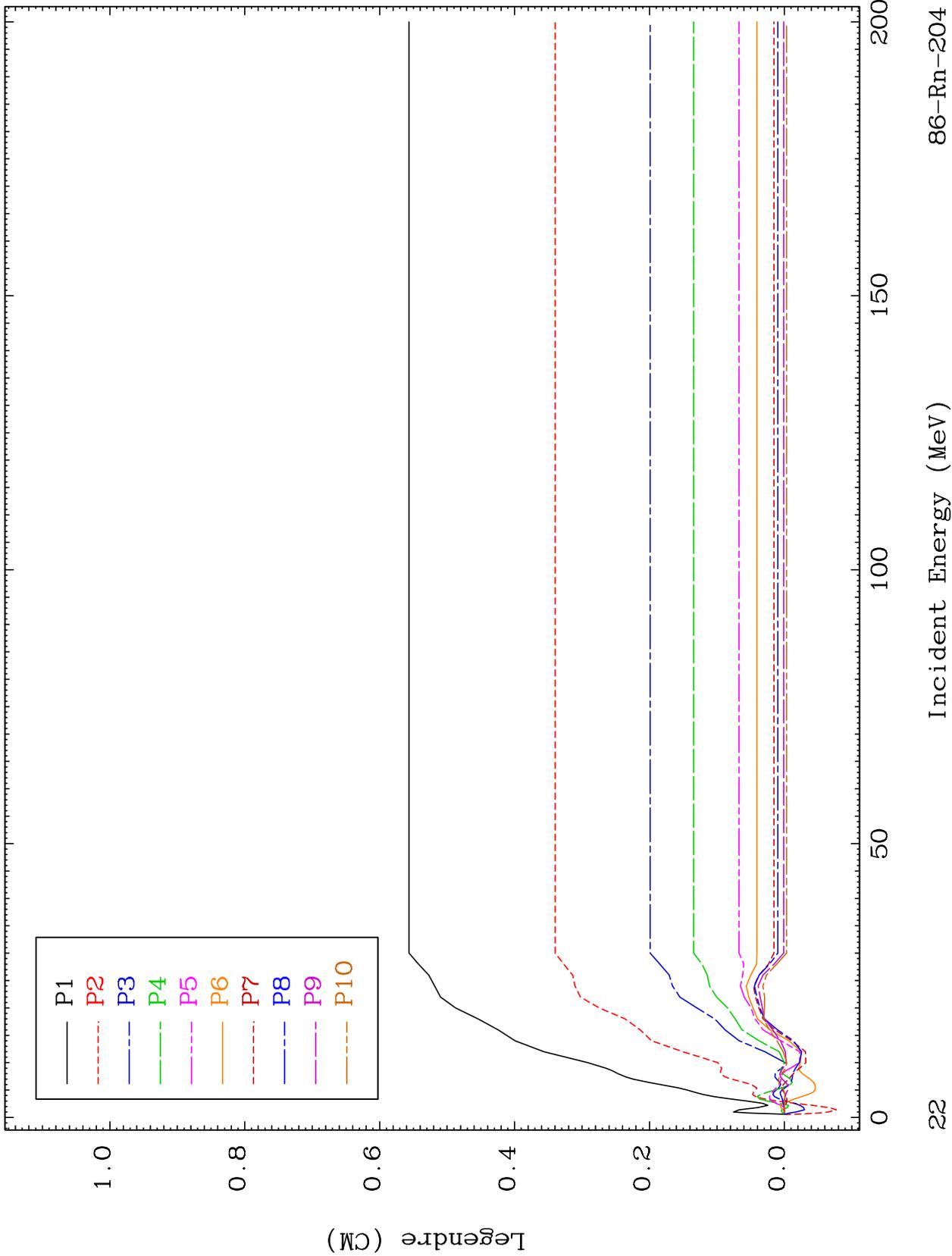
86-Rn-204



MAT 8604

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

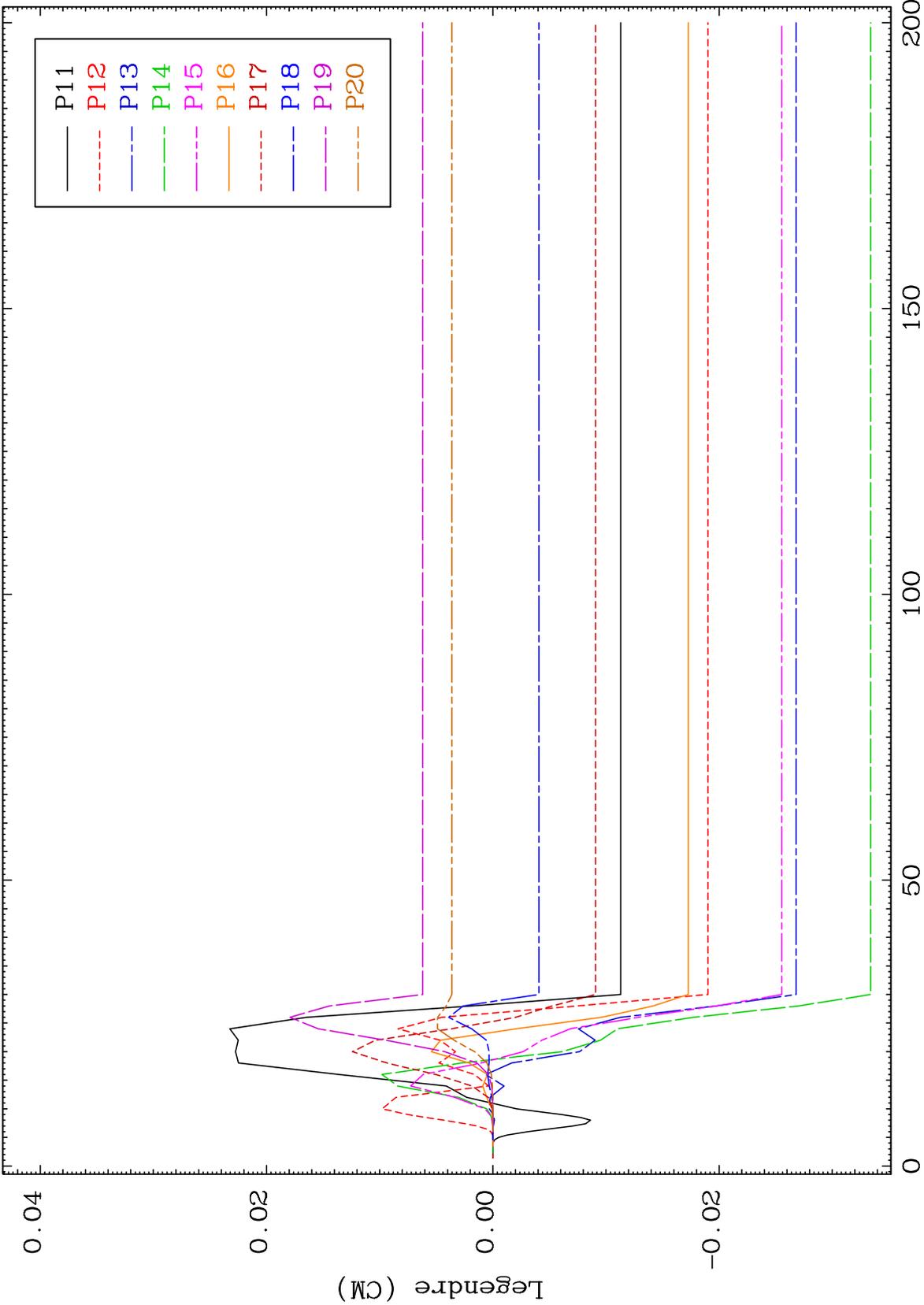
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MAT 8604

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

86-Rn-204



23

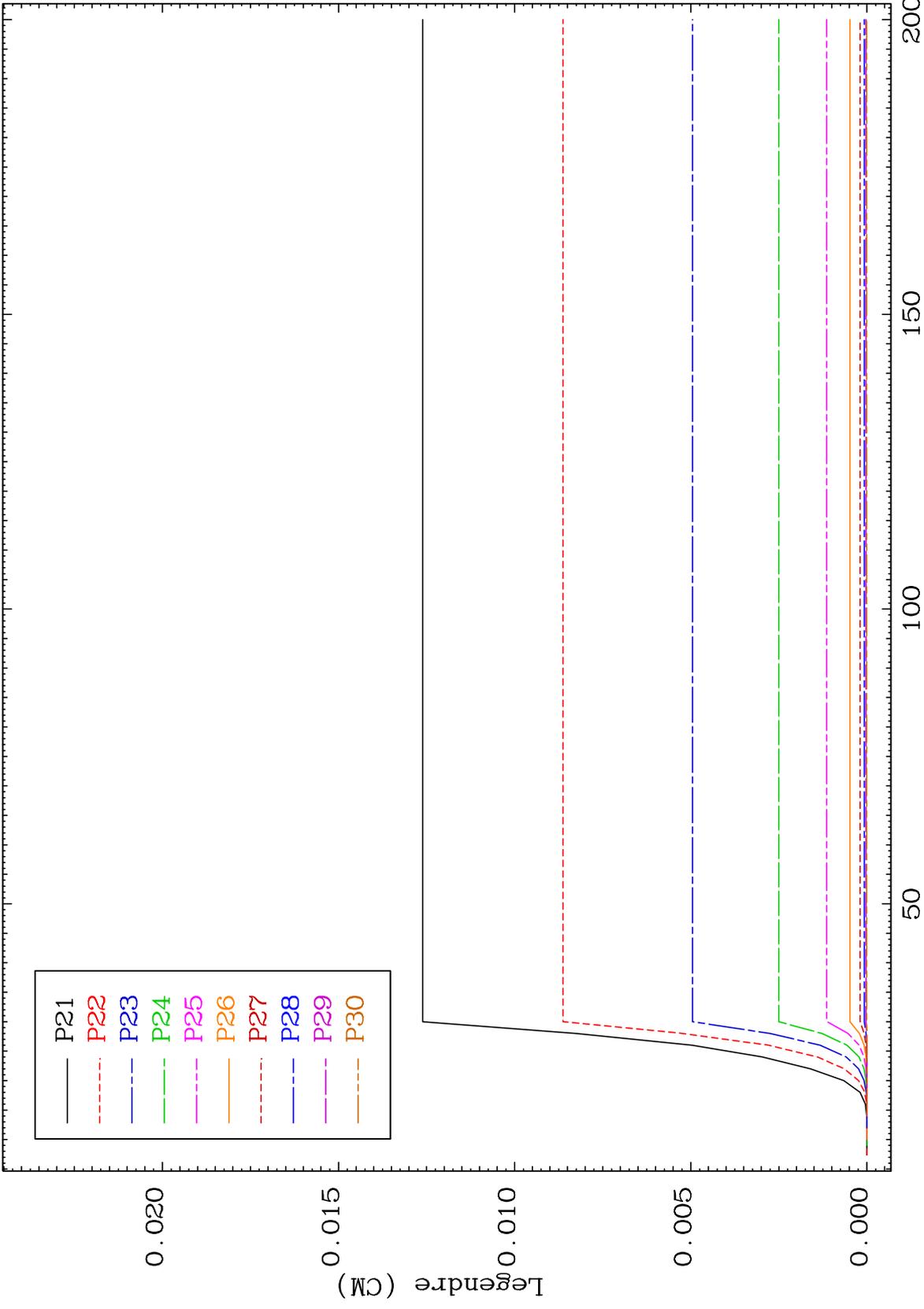
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



24

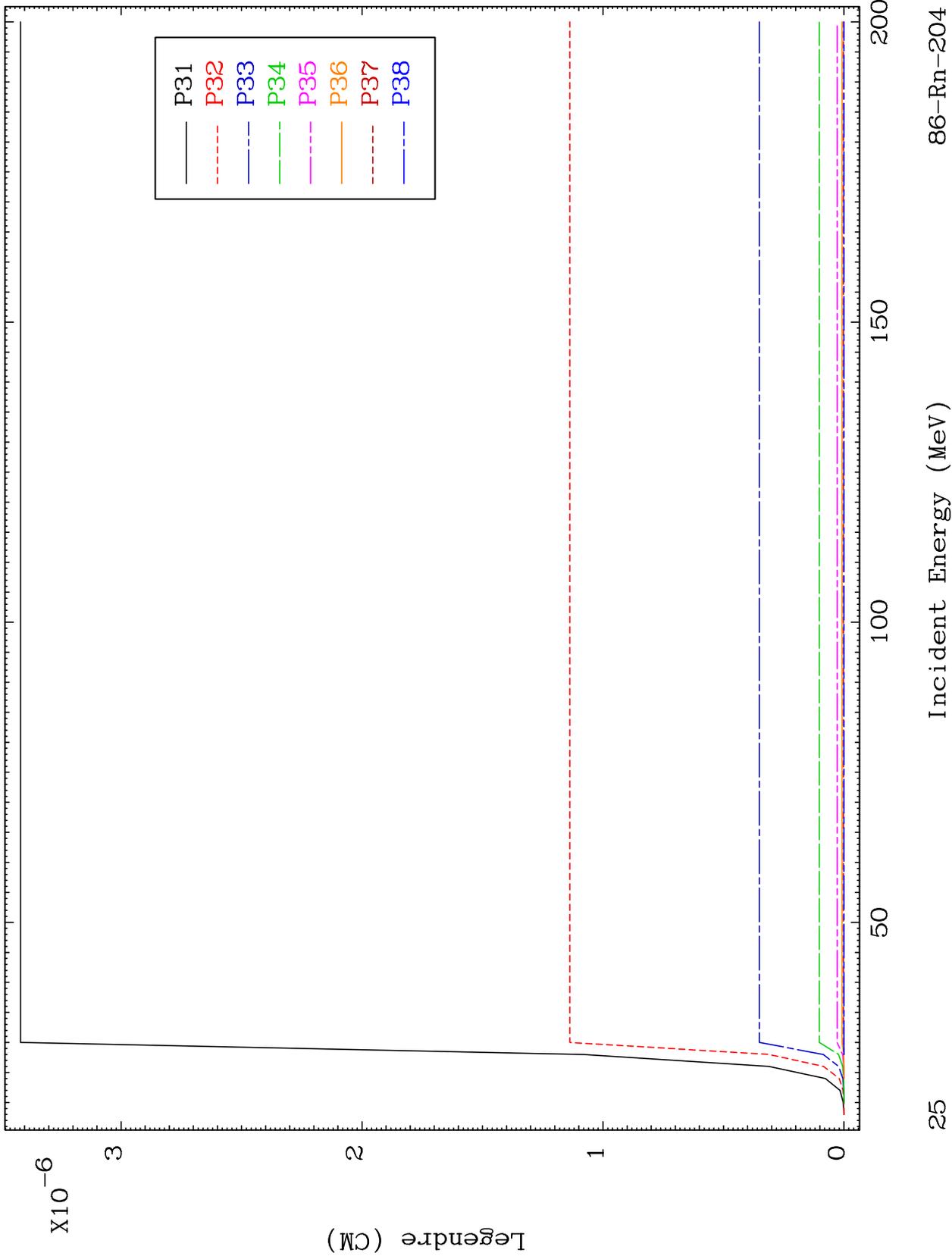
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



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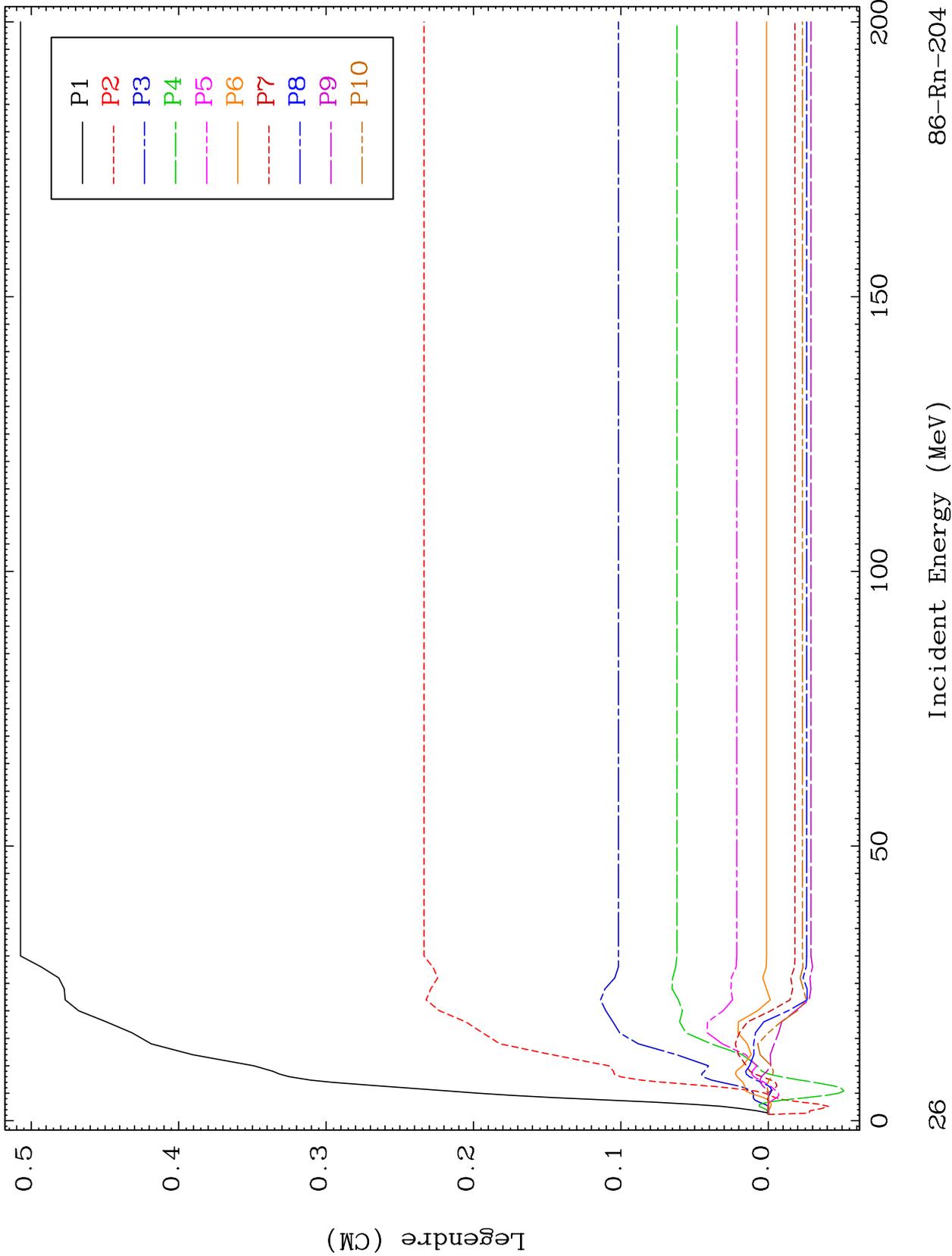
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



26

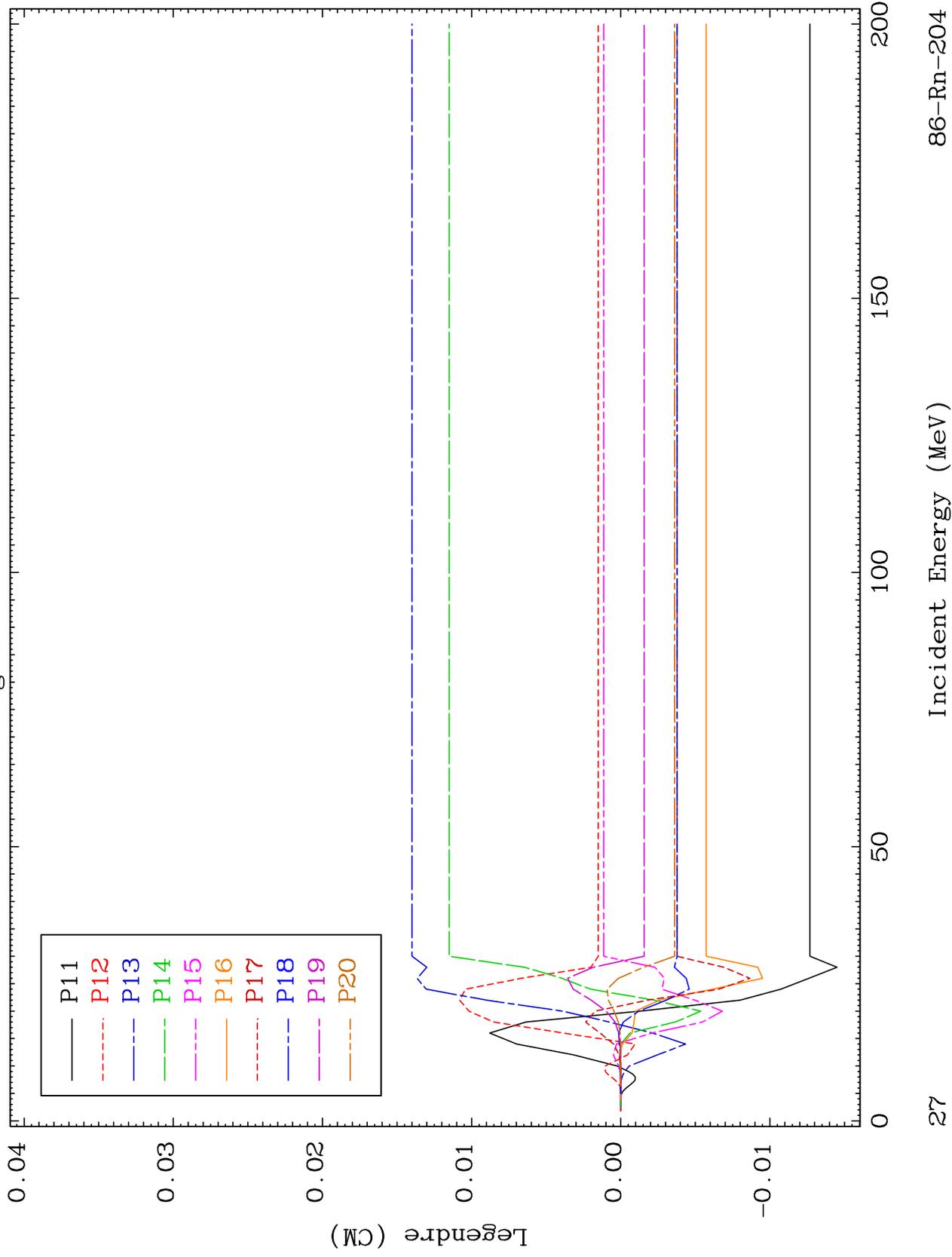
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



27

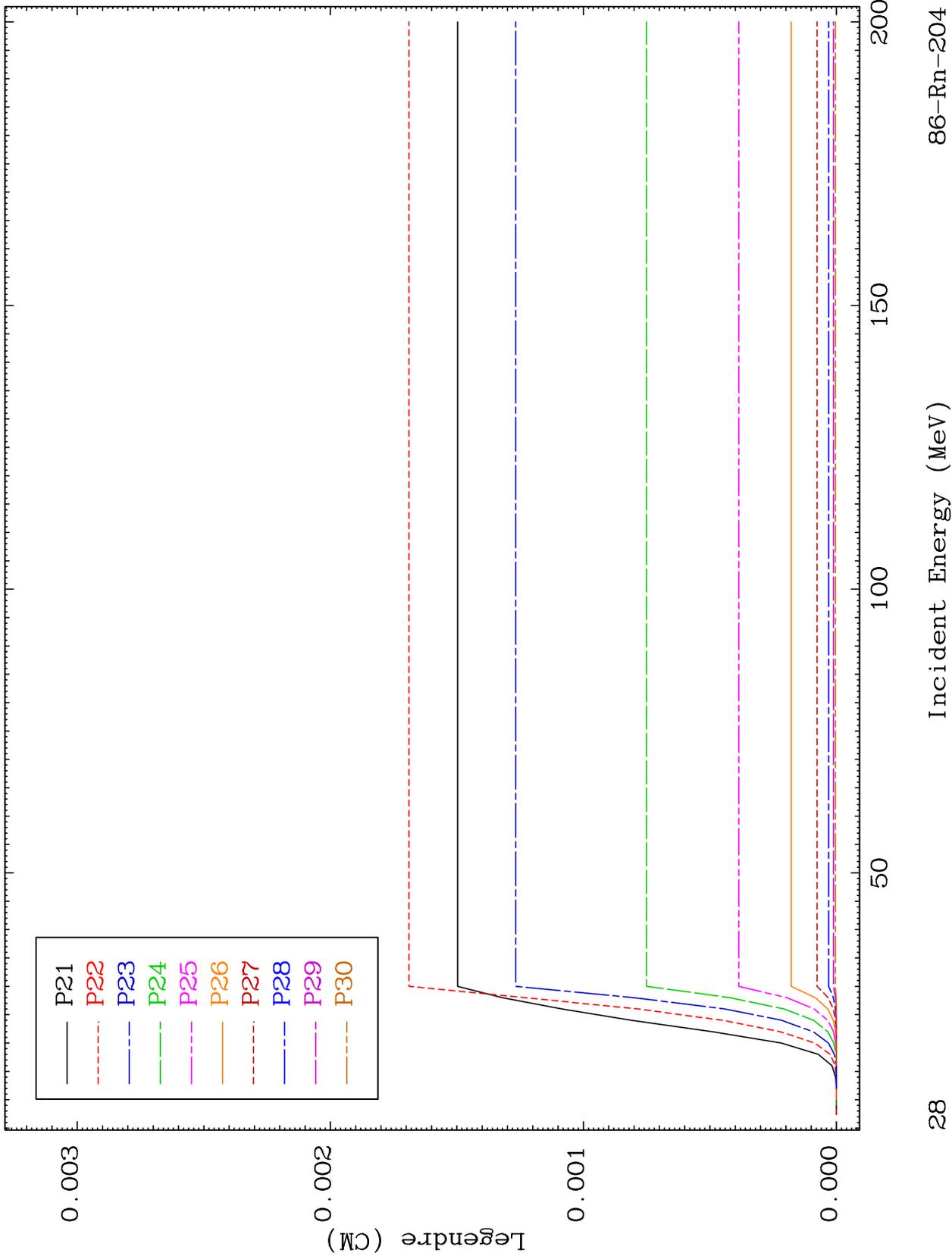
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



28

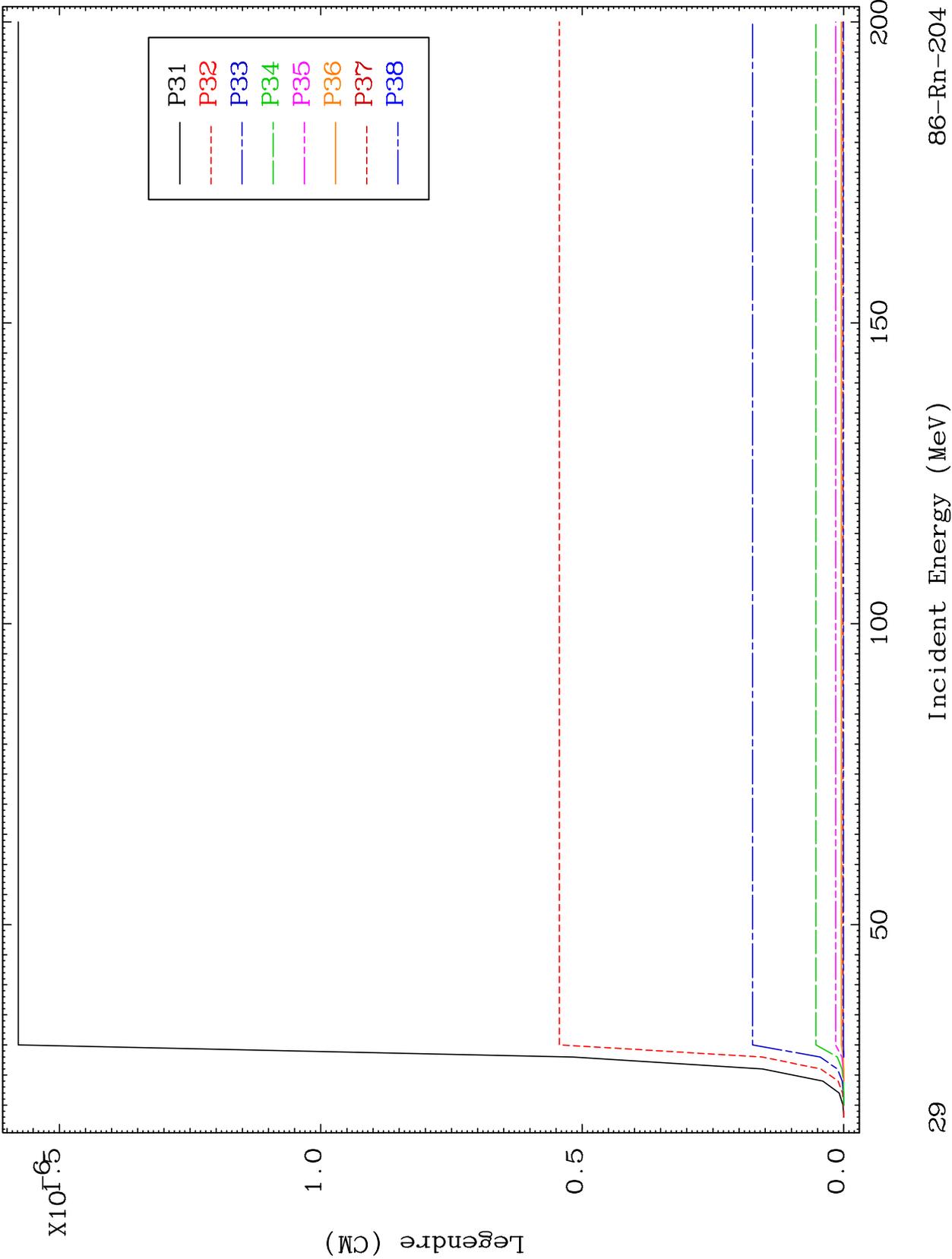
Incident Energy (MeV)

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MAT 8604

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

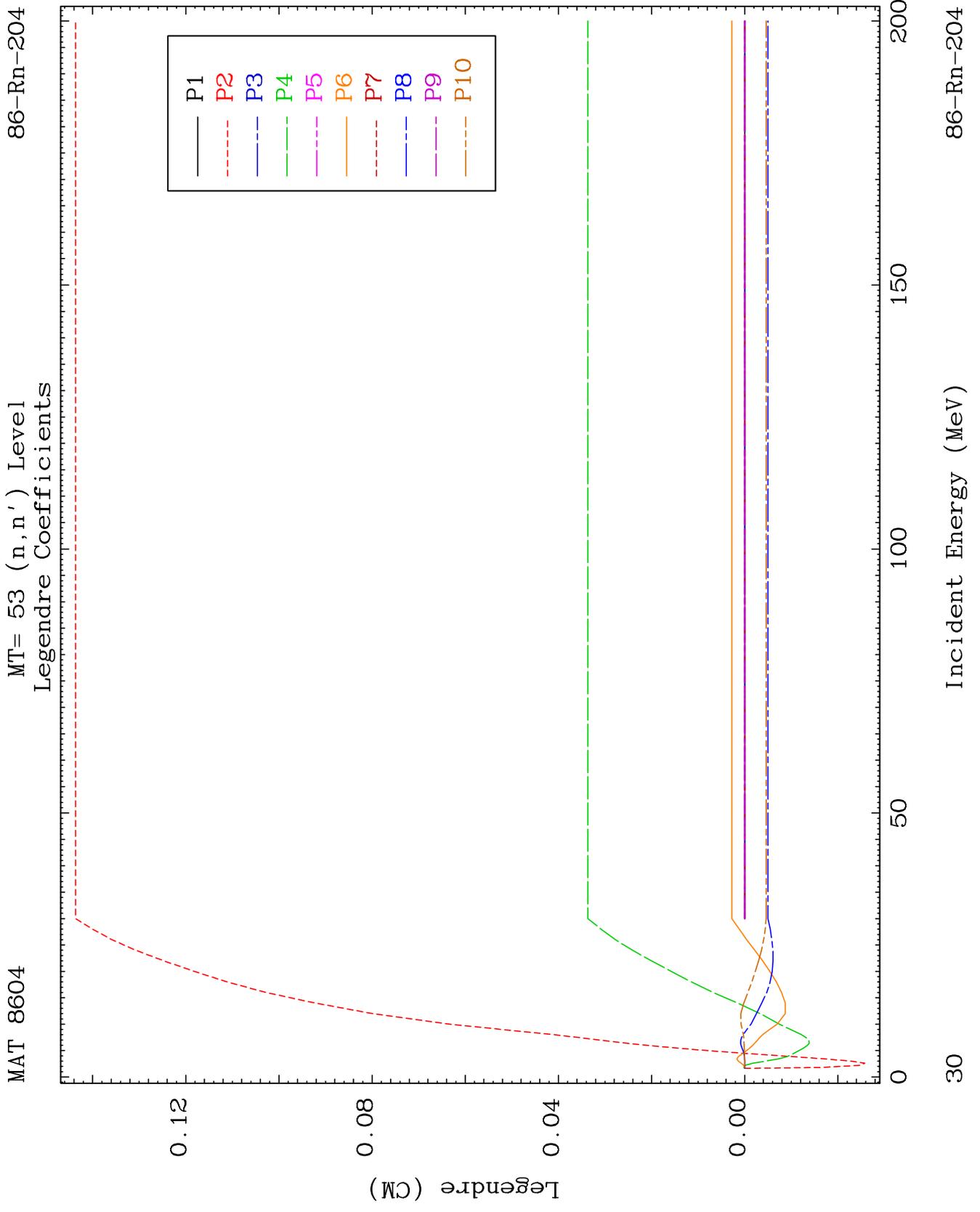
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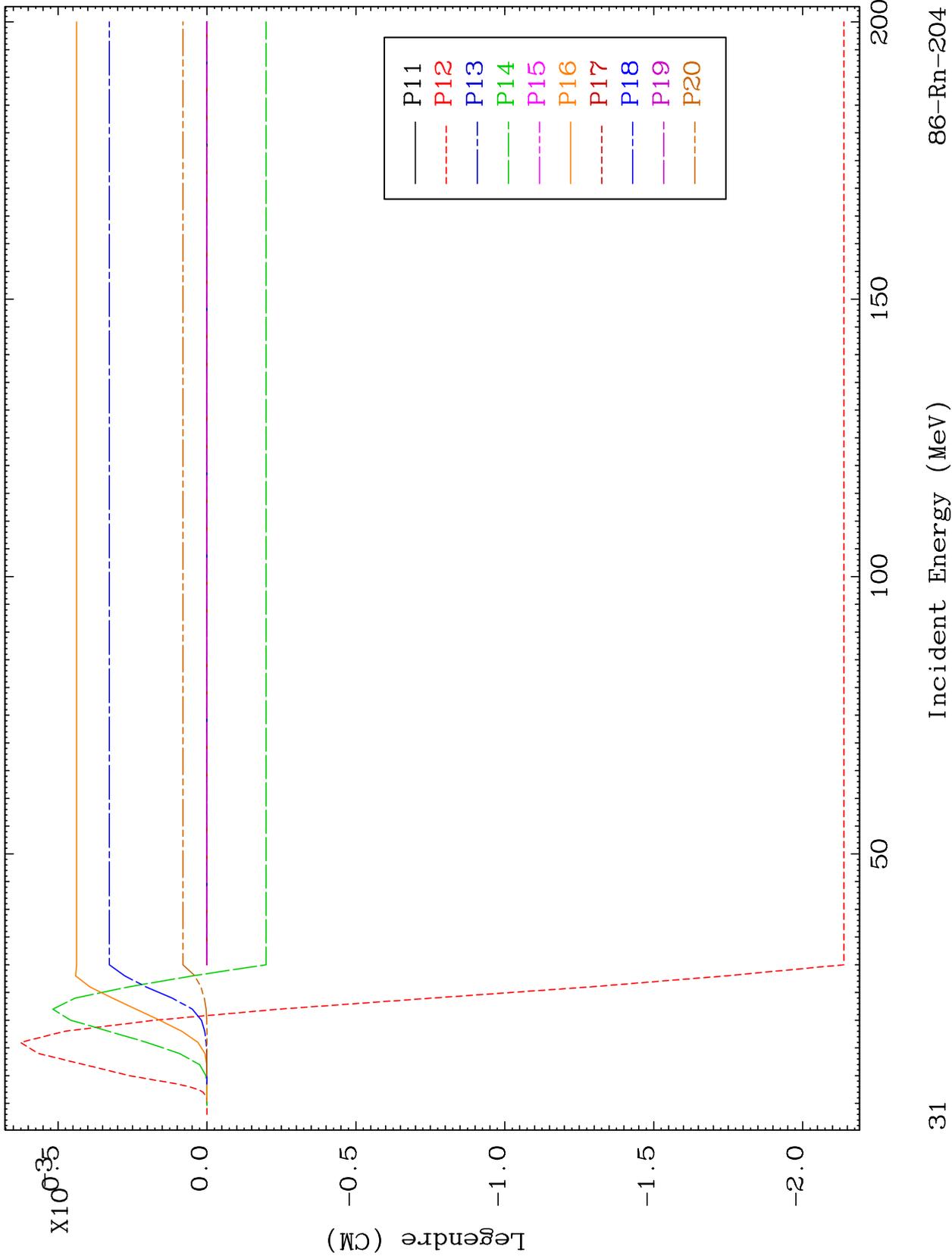


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Incident Energy (MeV)

86-Rn-204



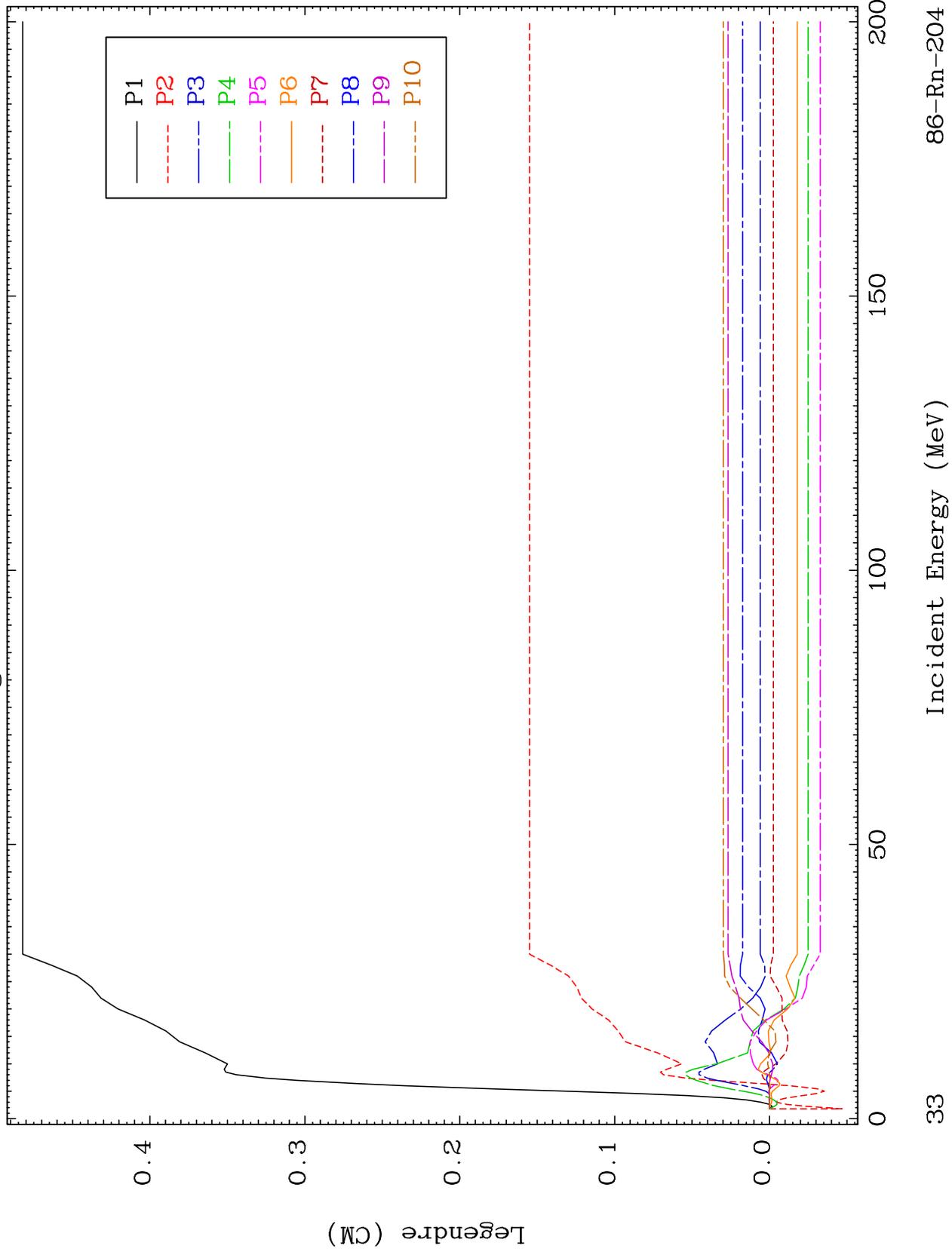




MAT 8604

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

86-Rn-204



86-Rn-204

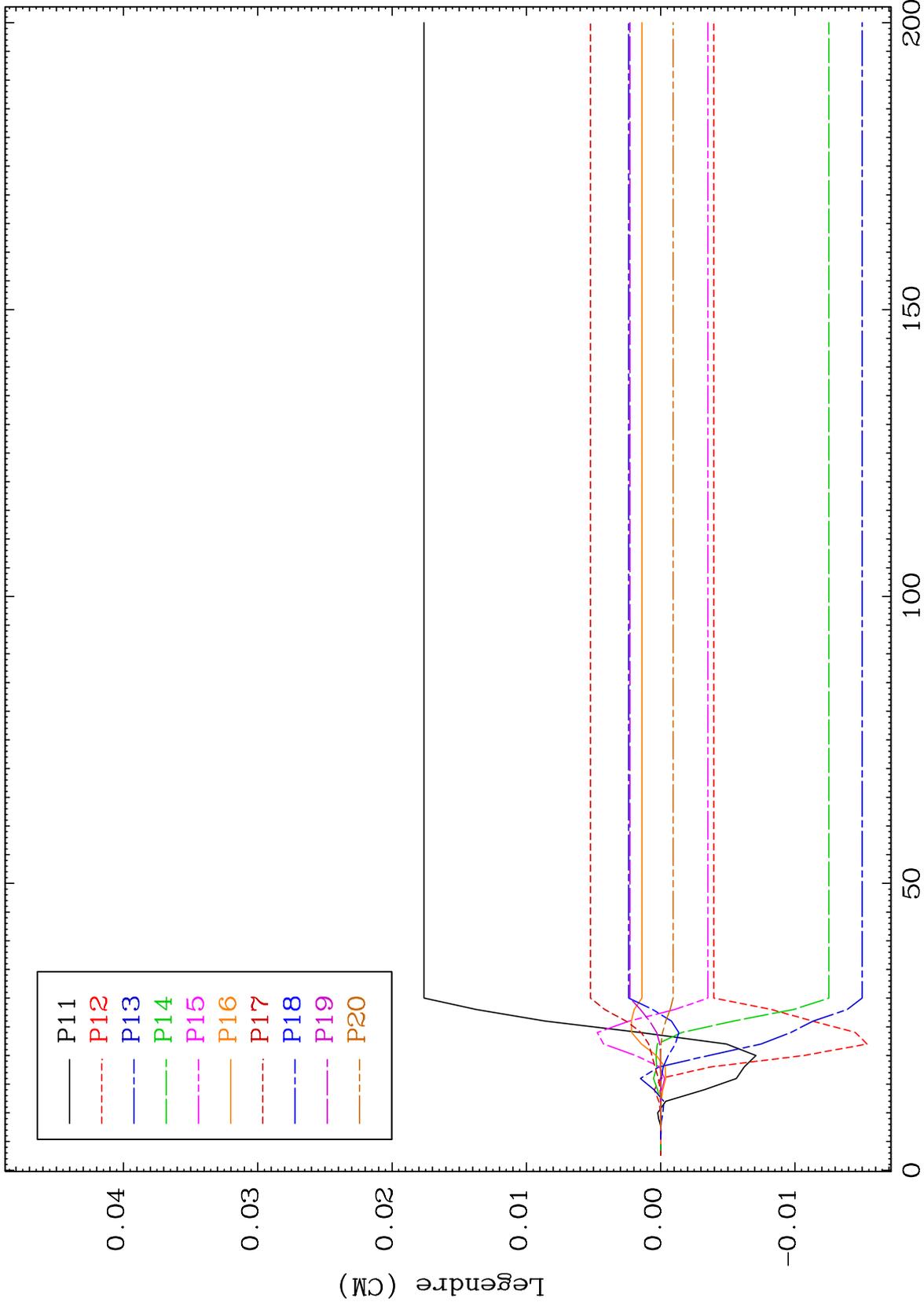
Incident Energy (MeV)

33

MAT 8604

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

86-Rn-204



34

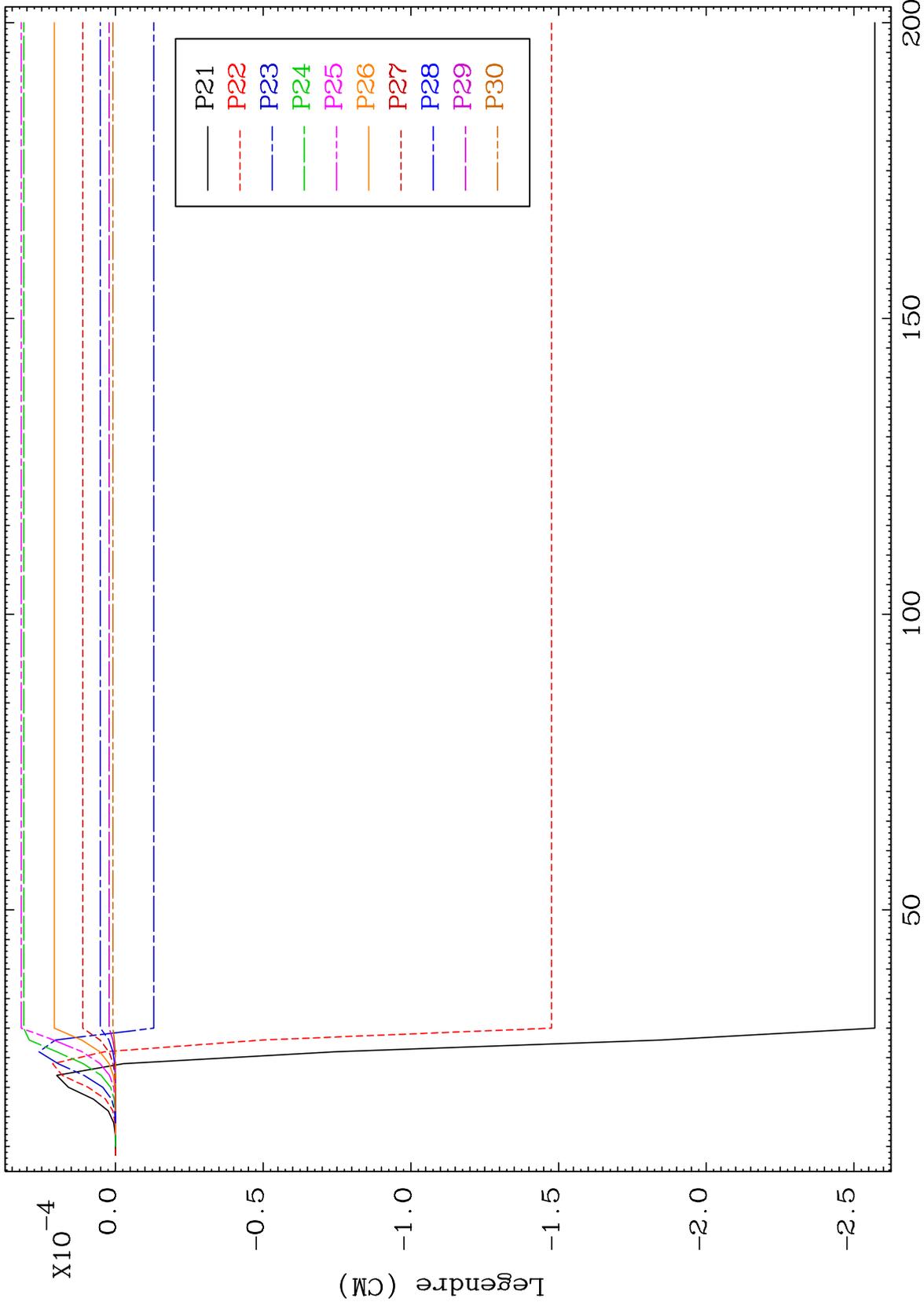
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



35

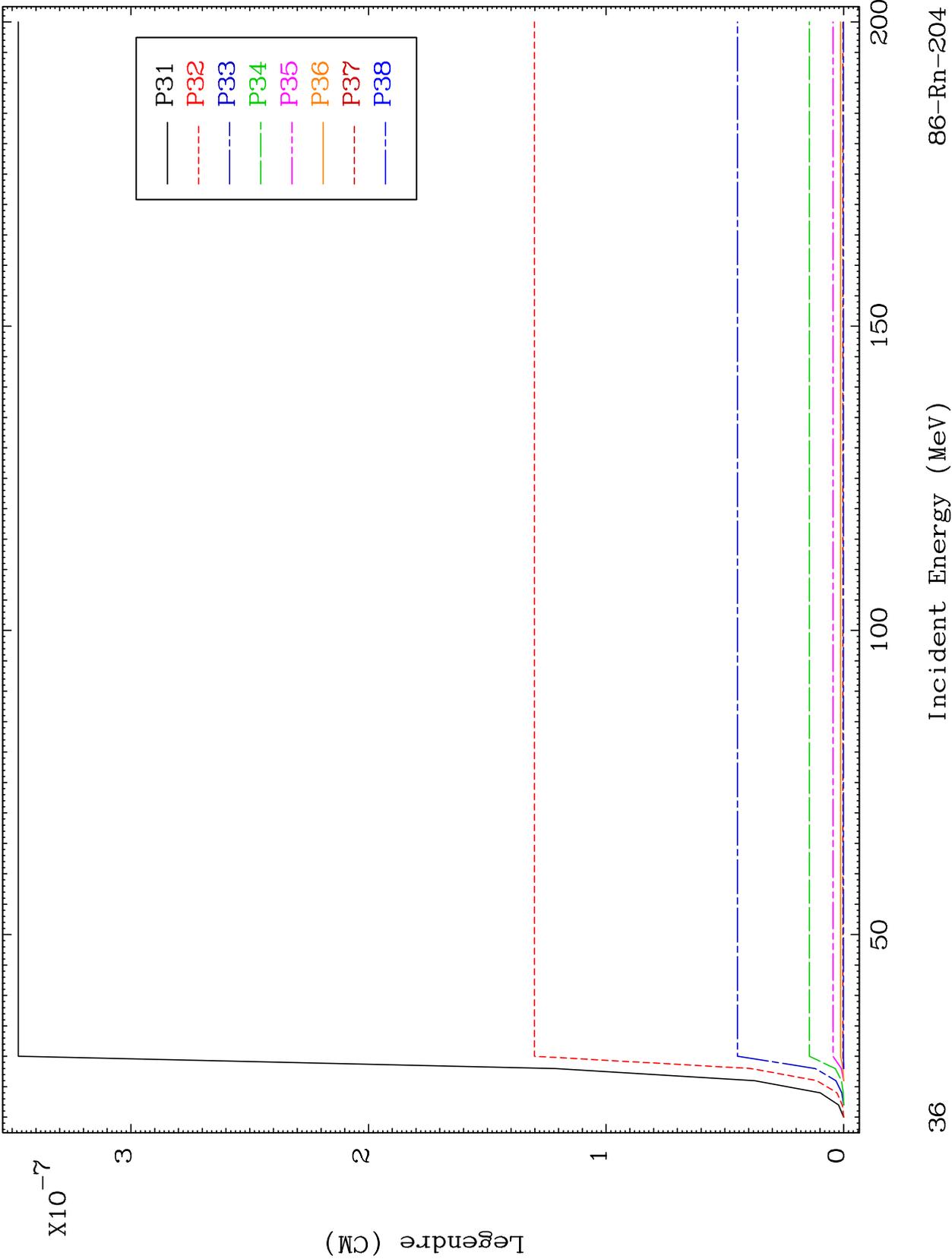
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



36

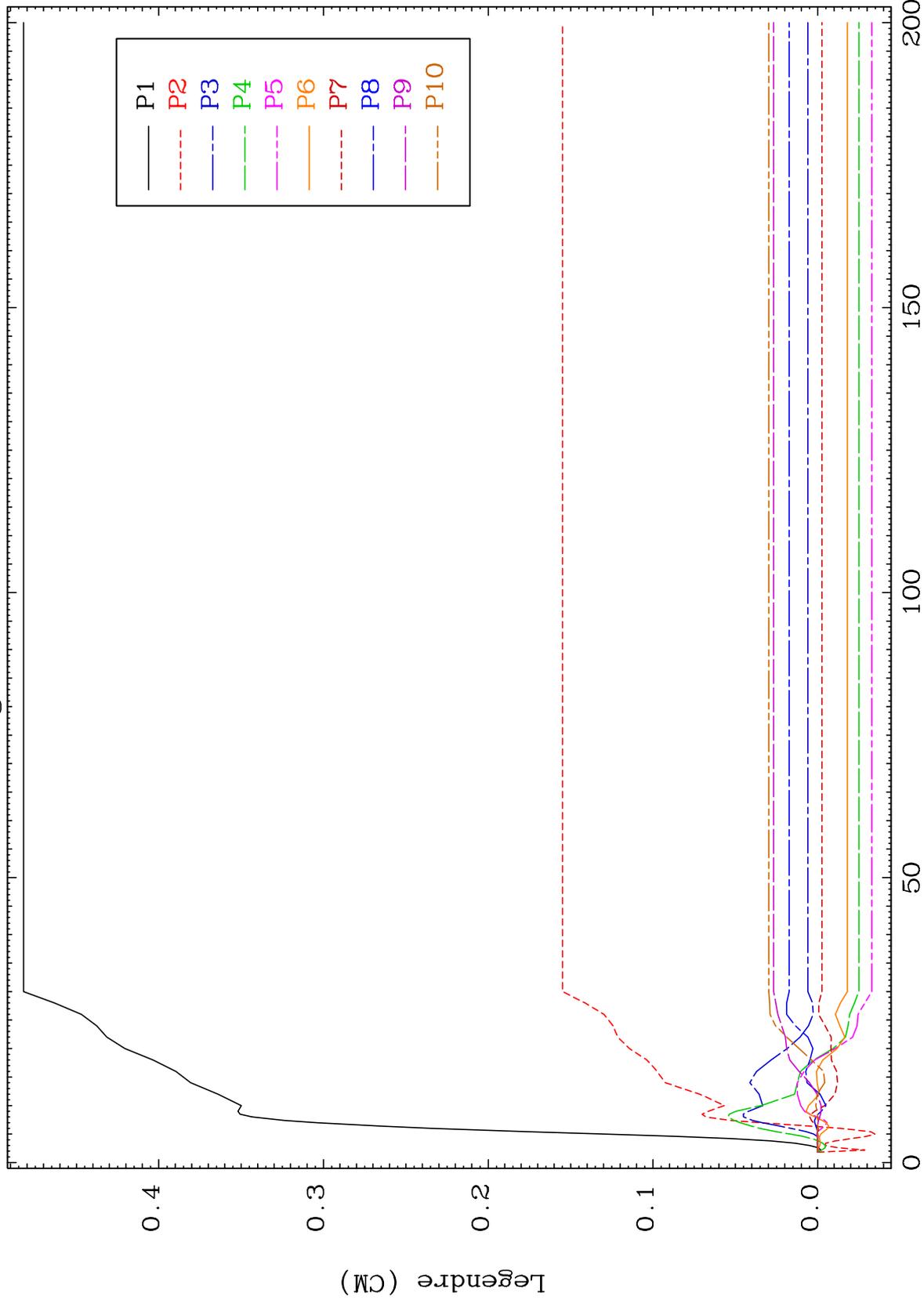
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



37

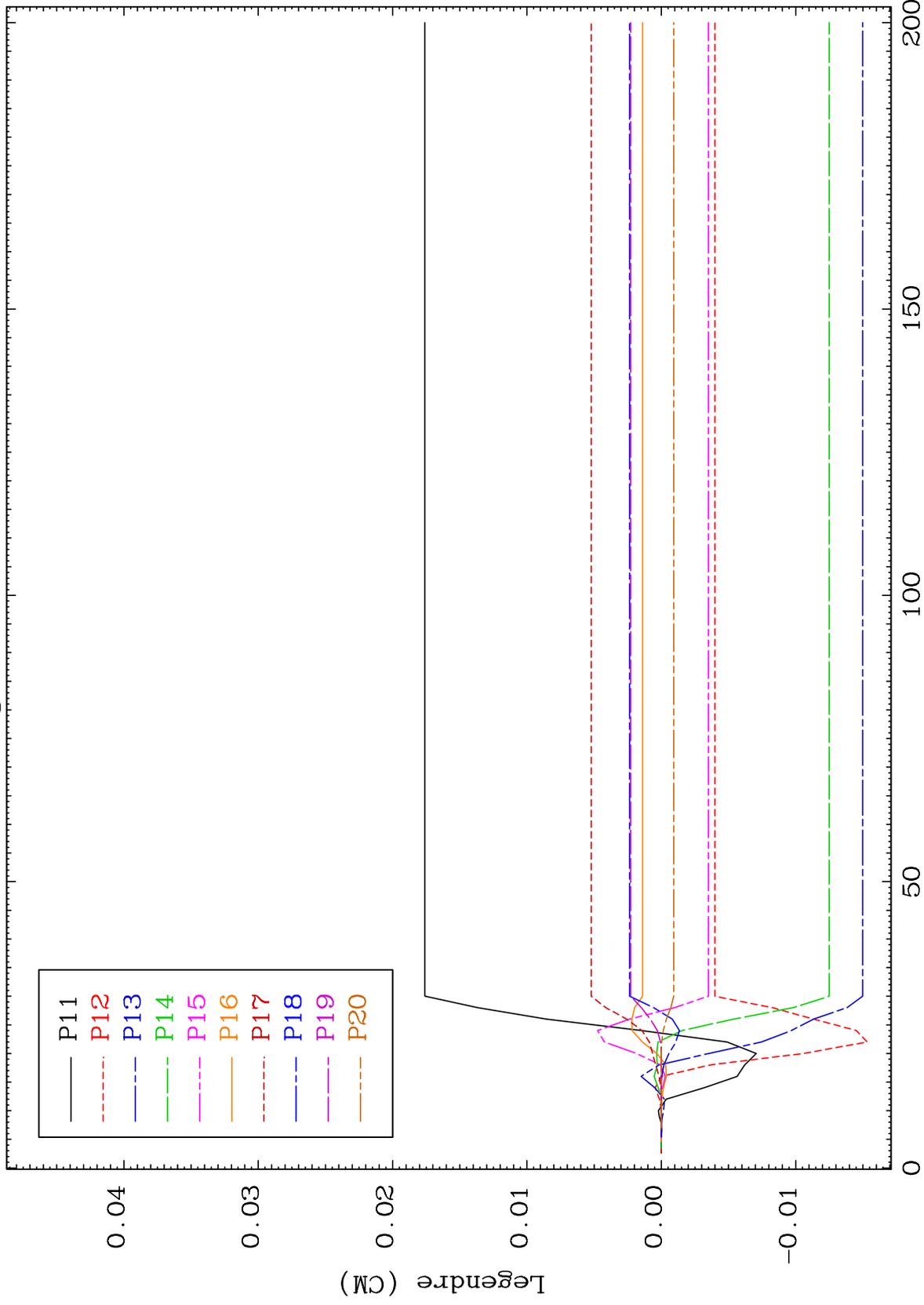
Incident Energy (MeV)

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MAT 8604

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

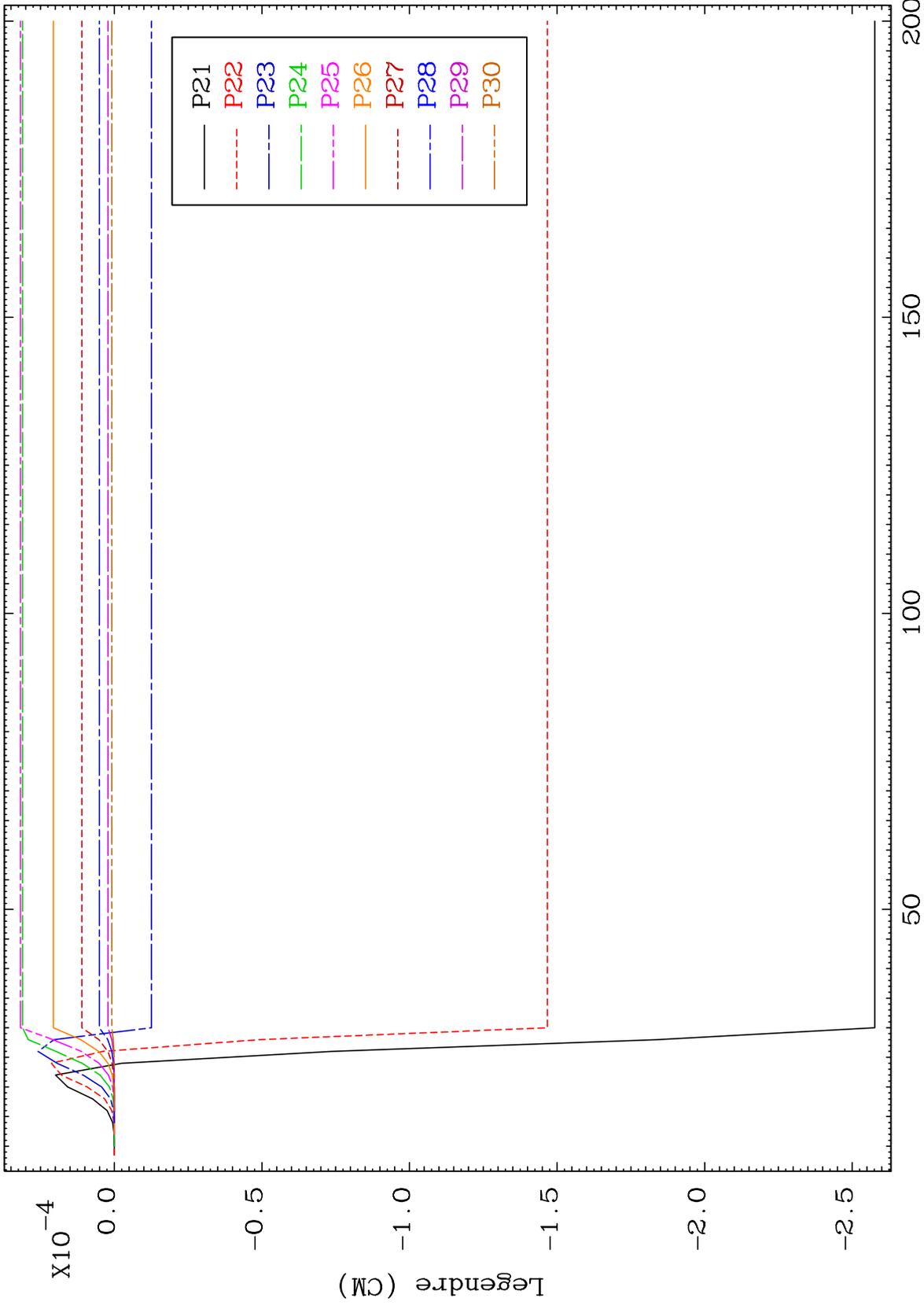
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Incident Energy (MeV)

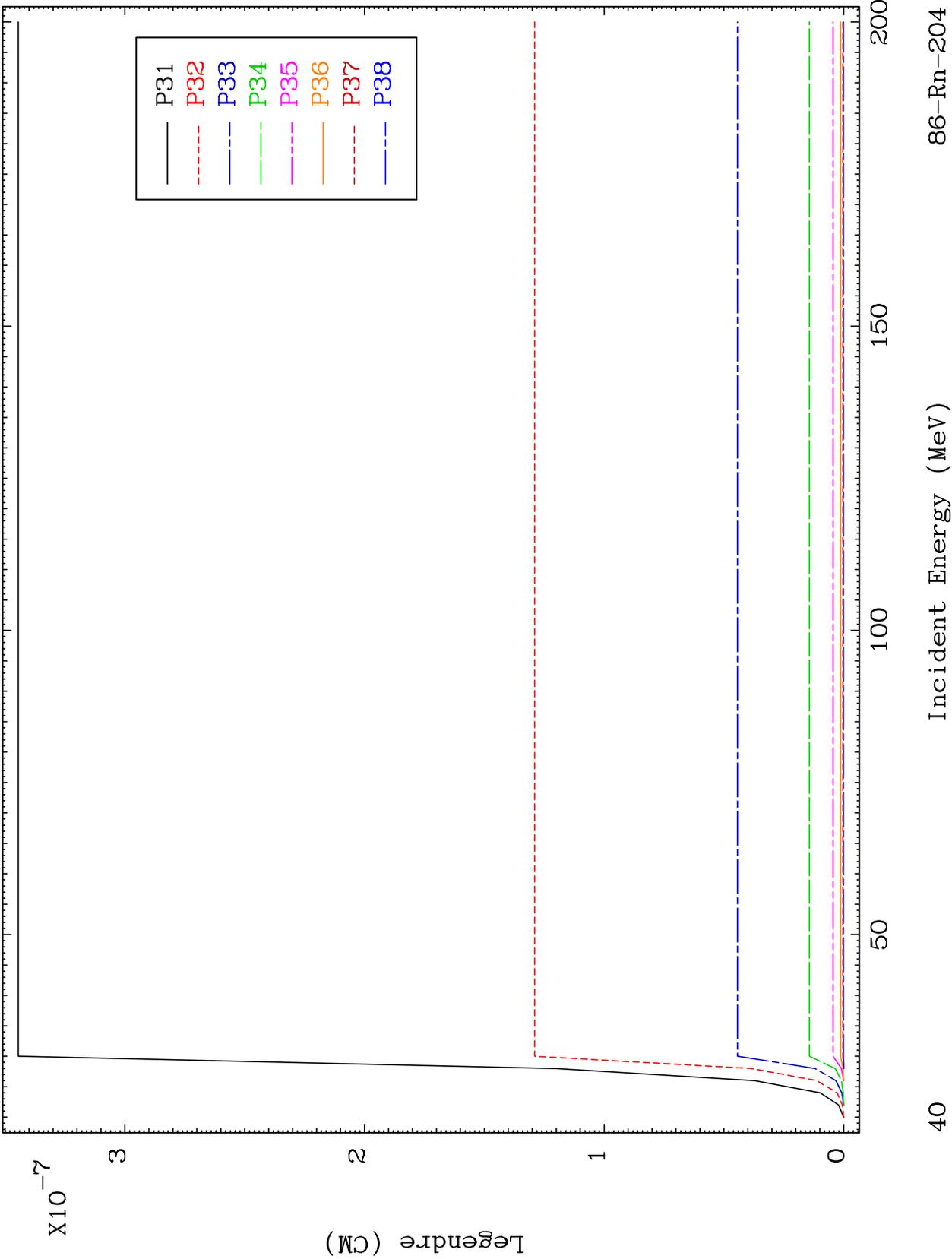
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MAT 8604

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

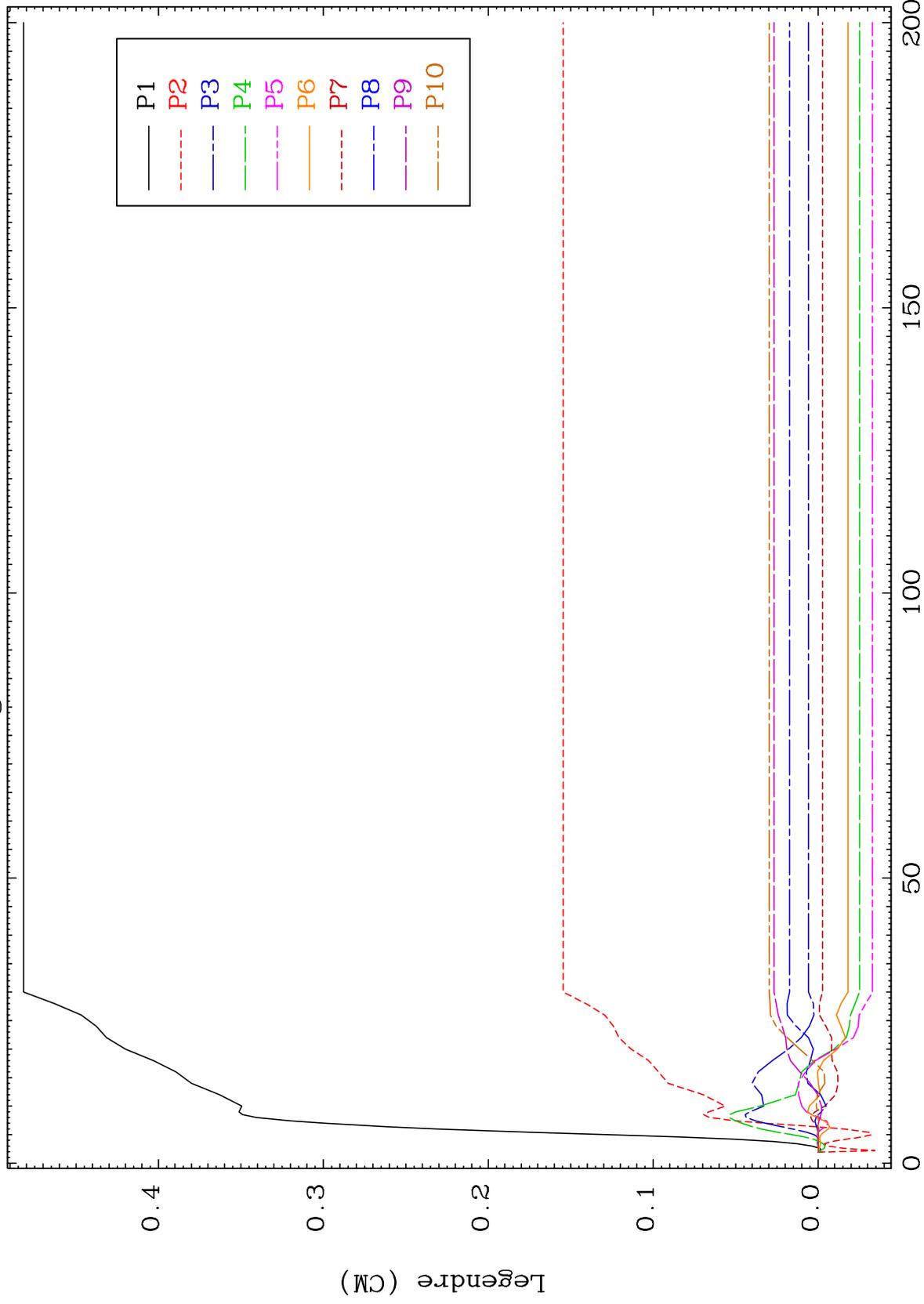
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MAT 8604

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

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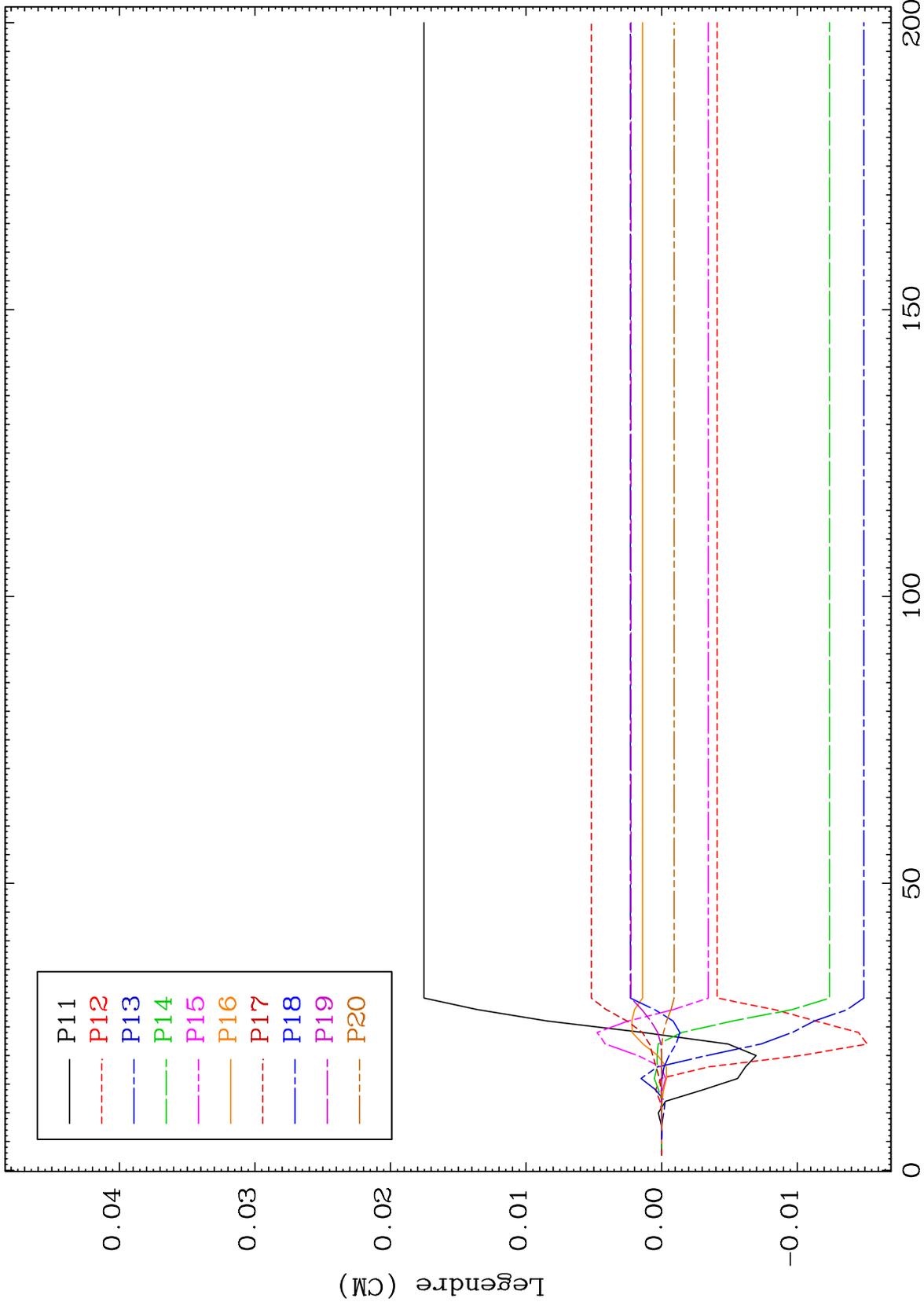
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86-Rn-204

MAT 8604

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

86-Rn-204



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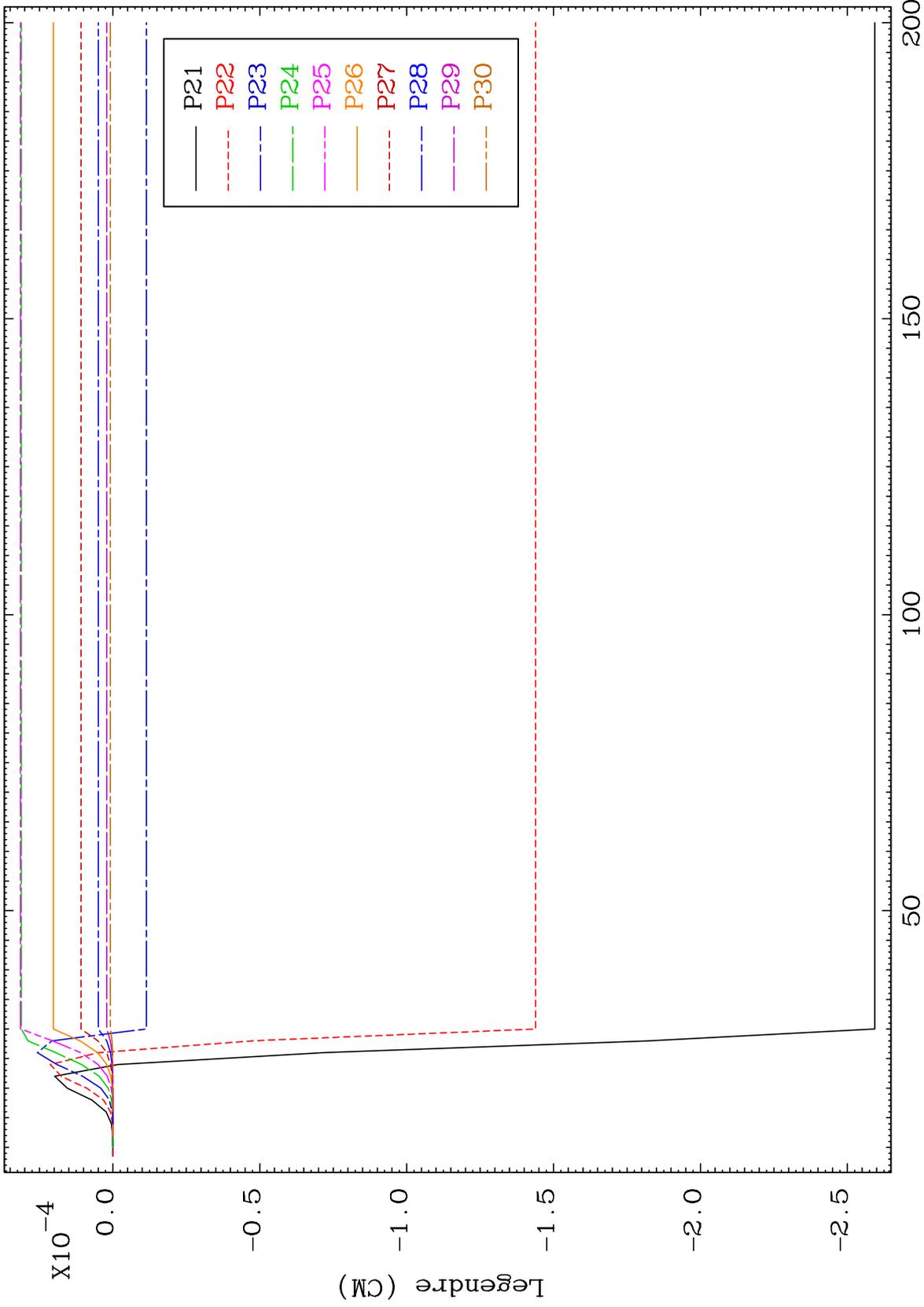
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



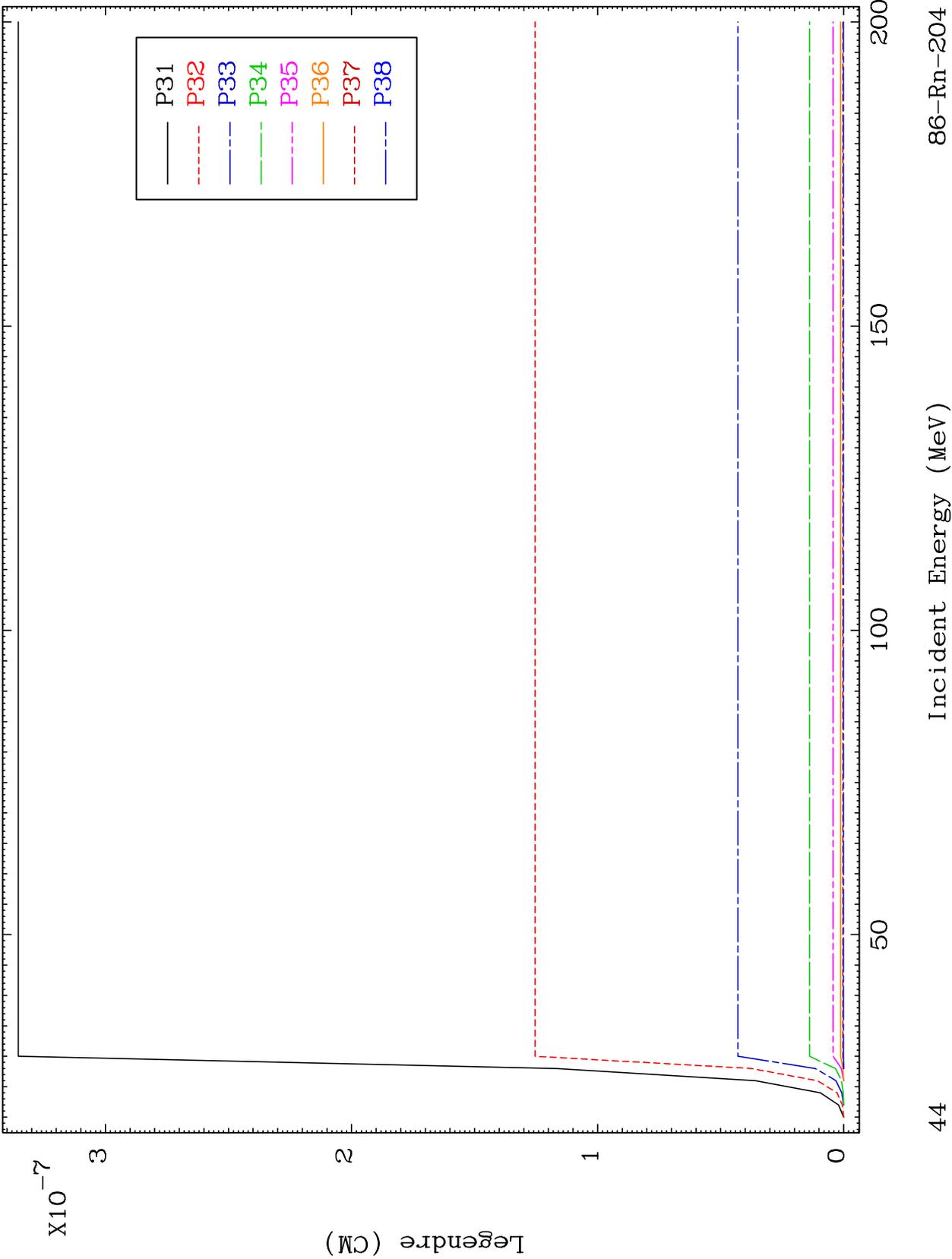
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MAT 8604

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

86-Rn-204



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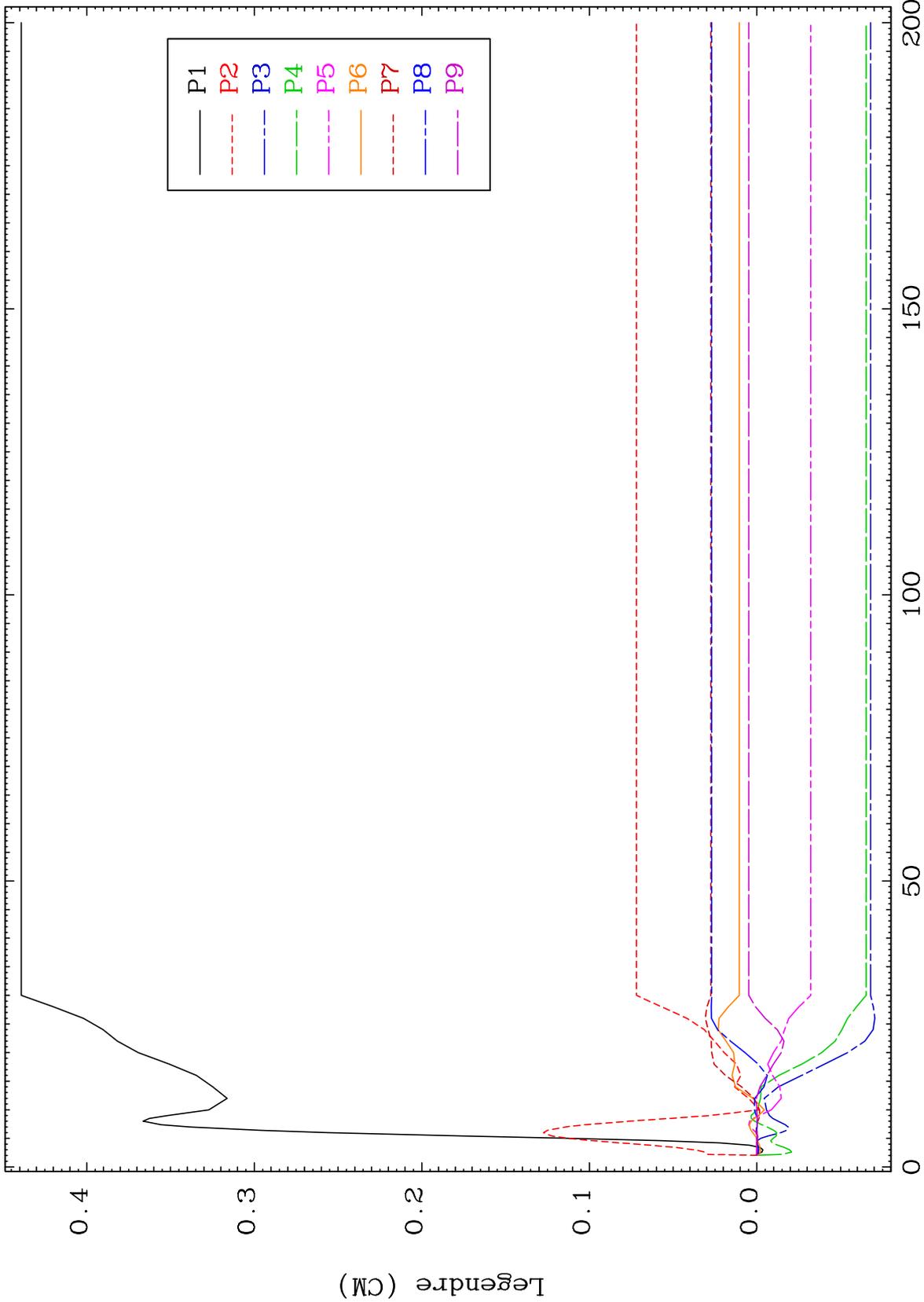
Incident Energy (MeV)

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MAT 8604

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

86-Rn-204



86-Rn-204

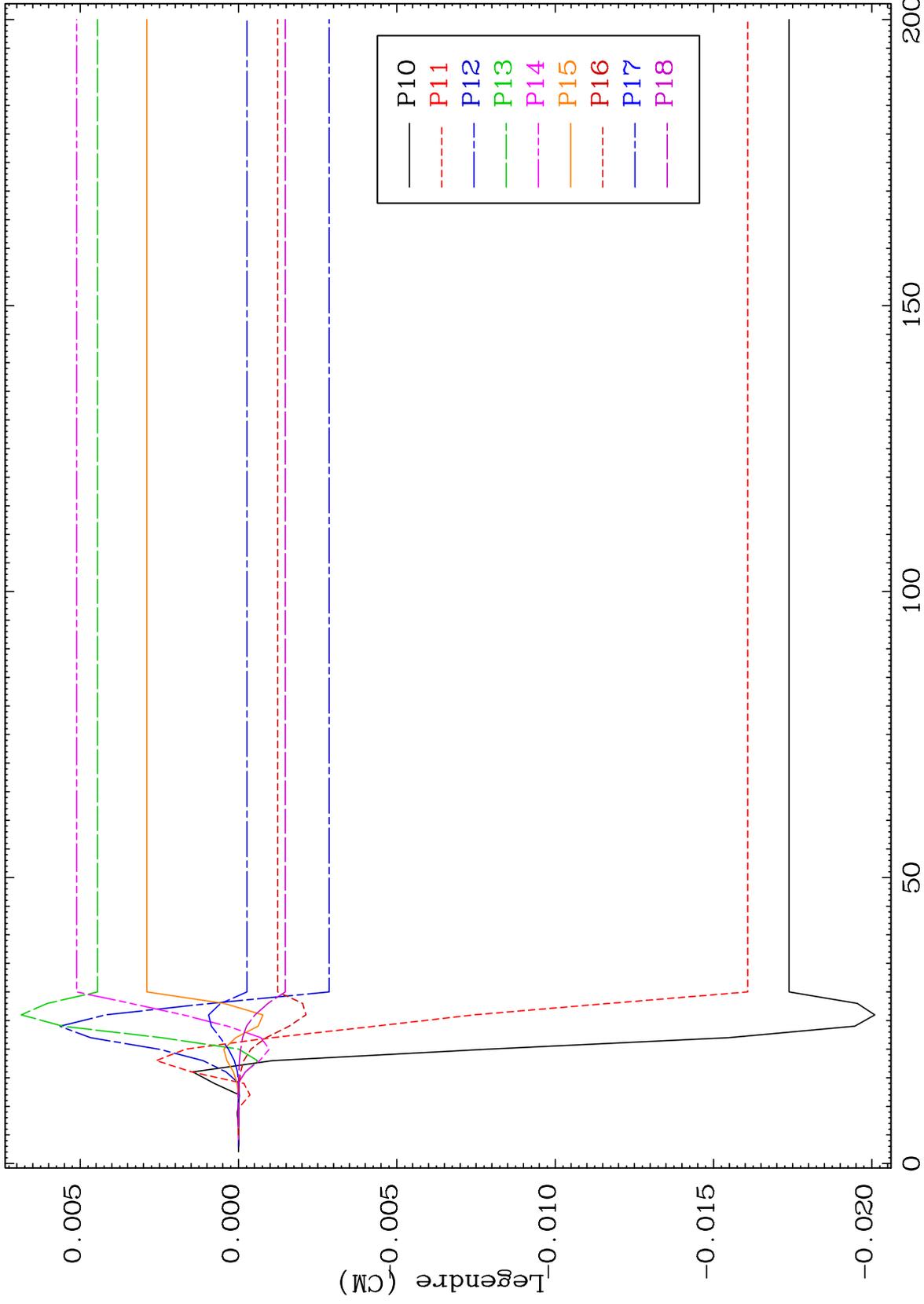
Incident Energy (MeV)

45

MAT 8604

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

86-Rn-204



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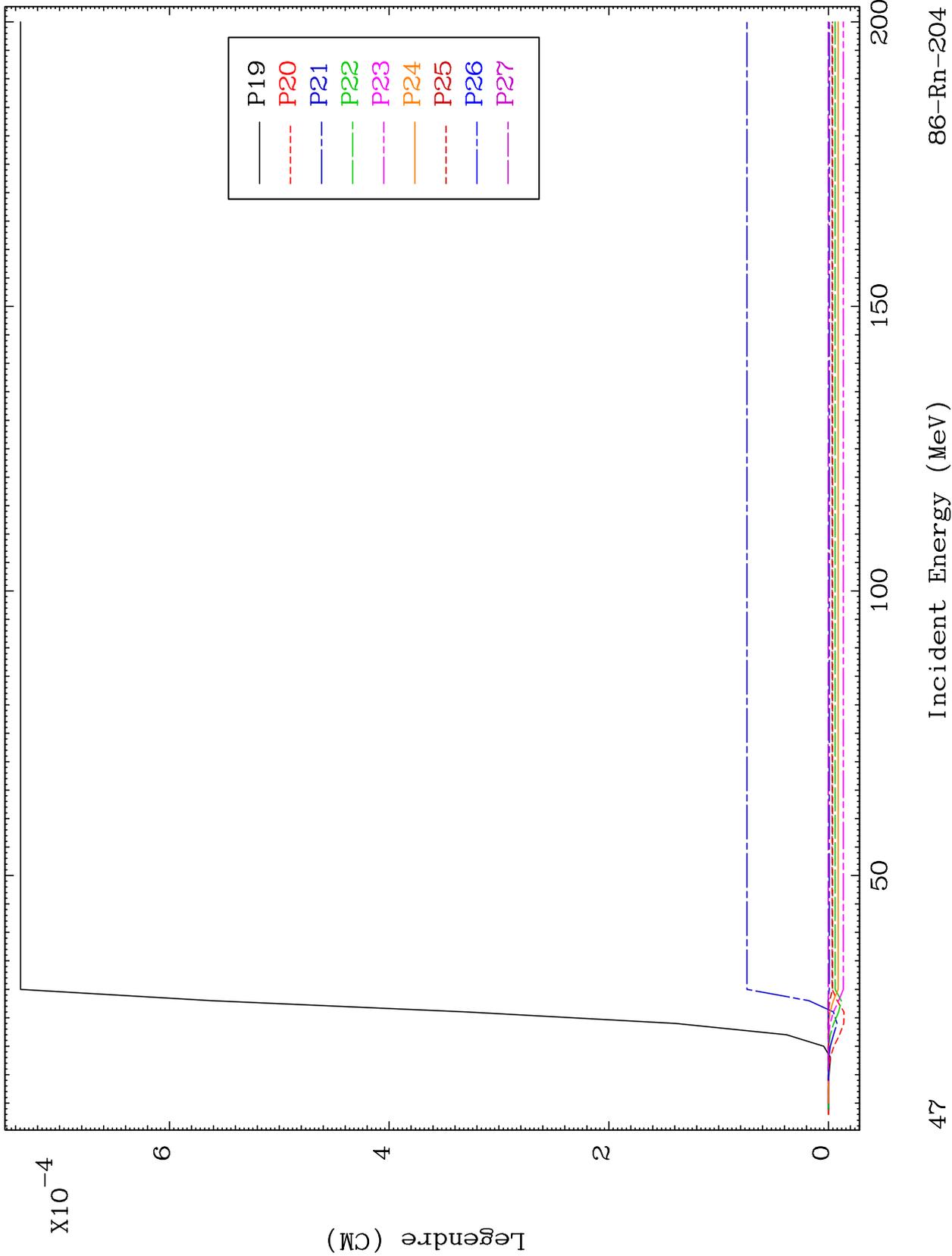
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

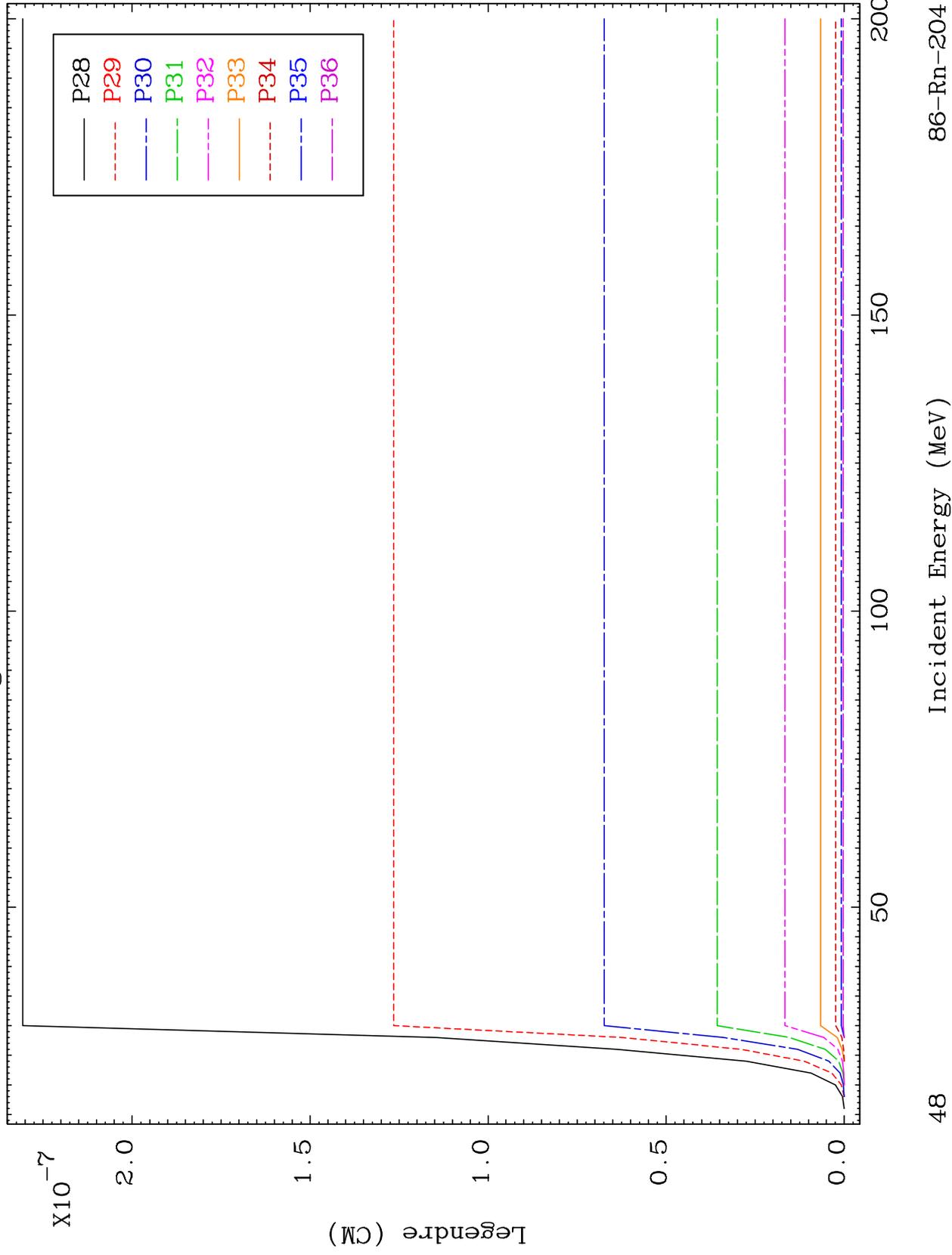
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MAT 8604

MT= 57 (n,n') Level  
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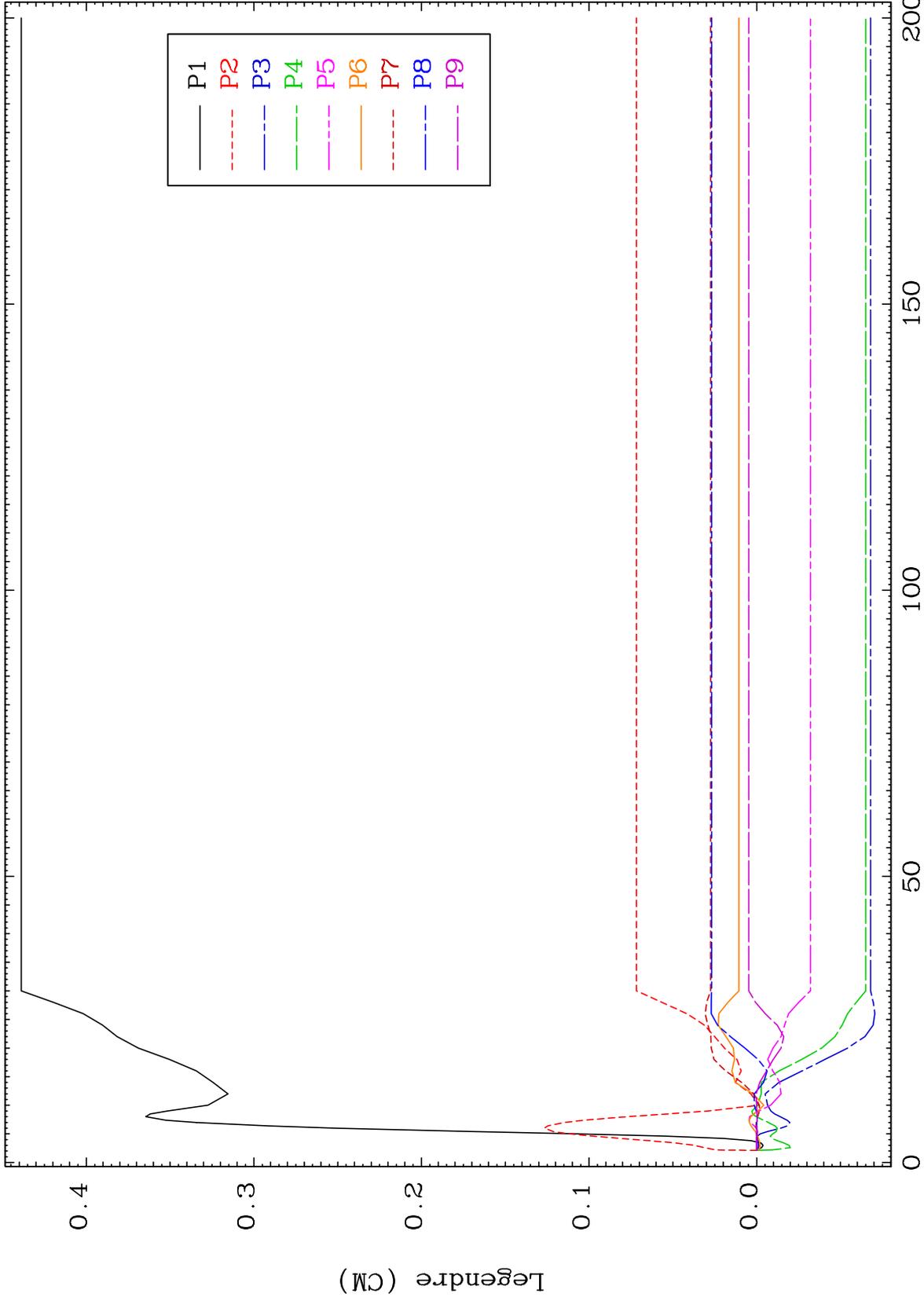
86-Rn-204



MAT 8604

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

86-Rn-204



49

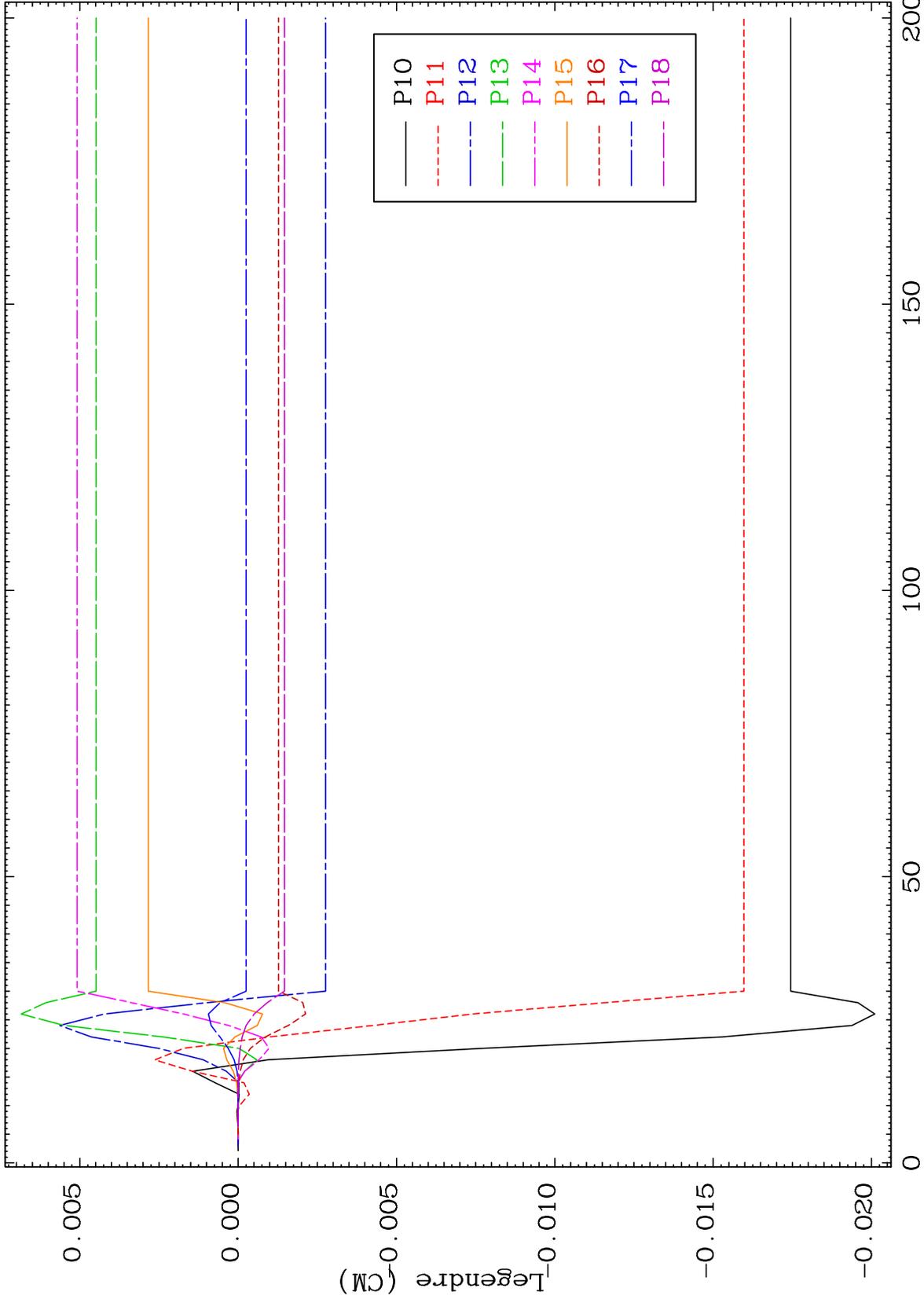
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



86-Rn-204

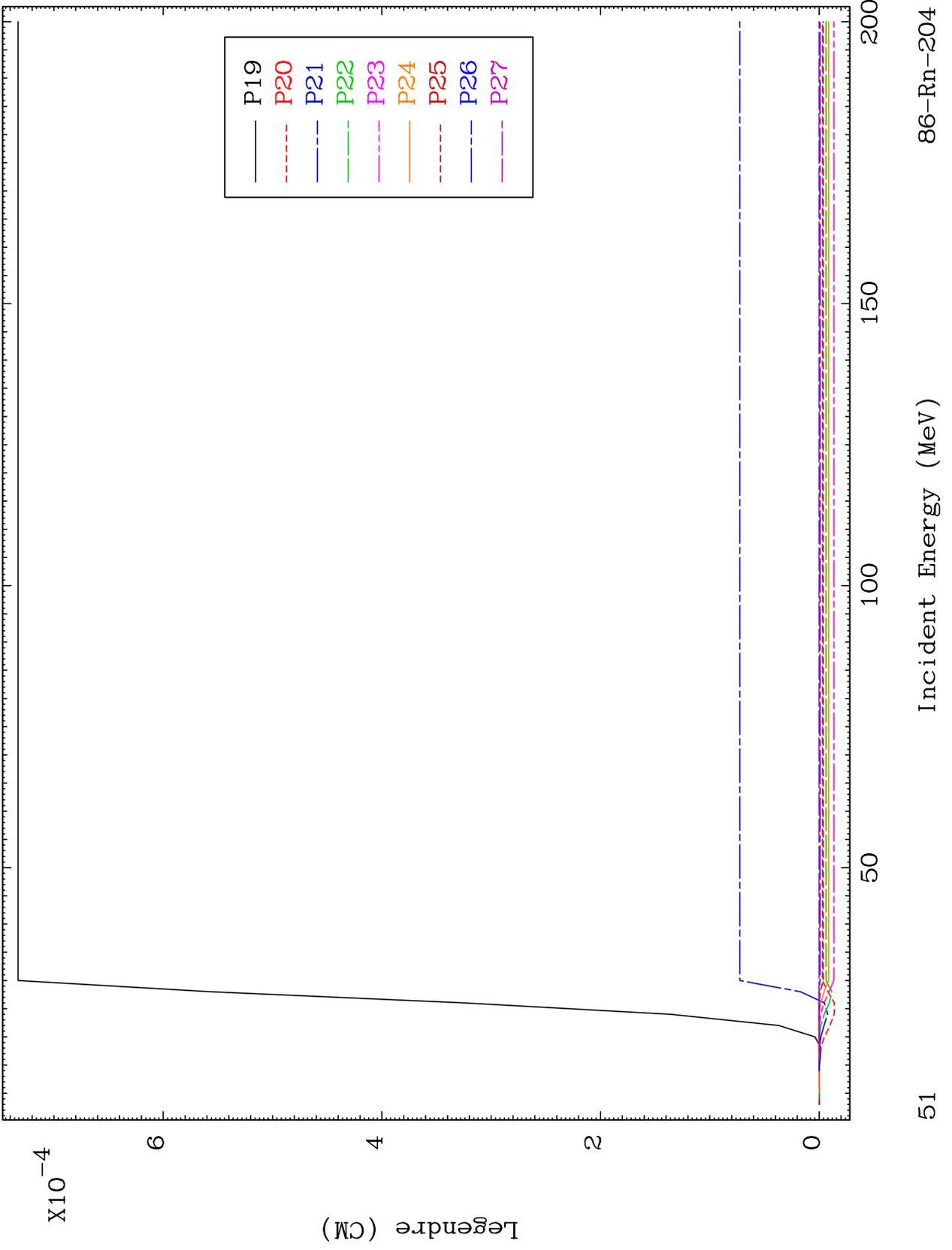
Incident Energy (MeV)

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MAT 8604

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

86-Rn-204



51

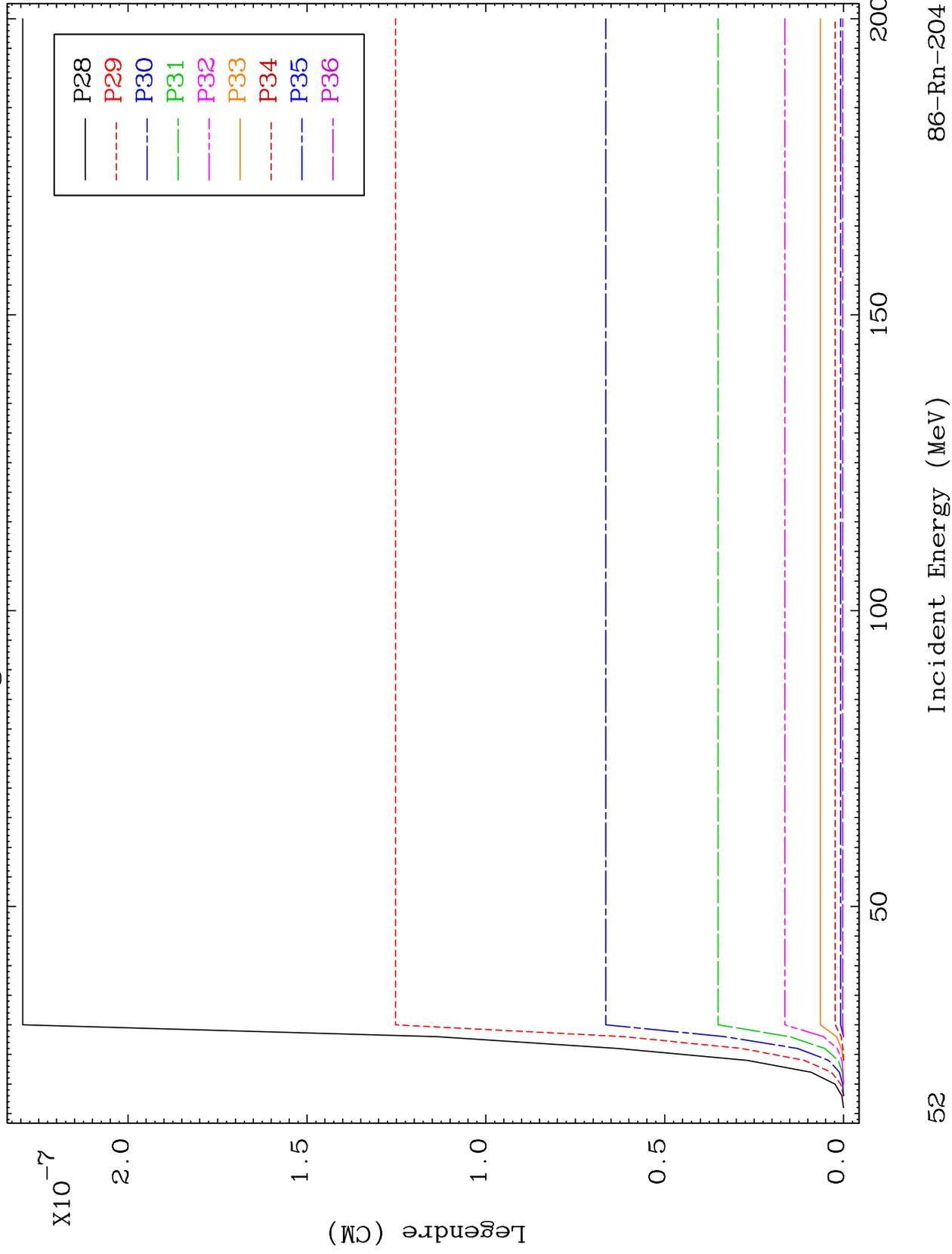
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

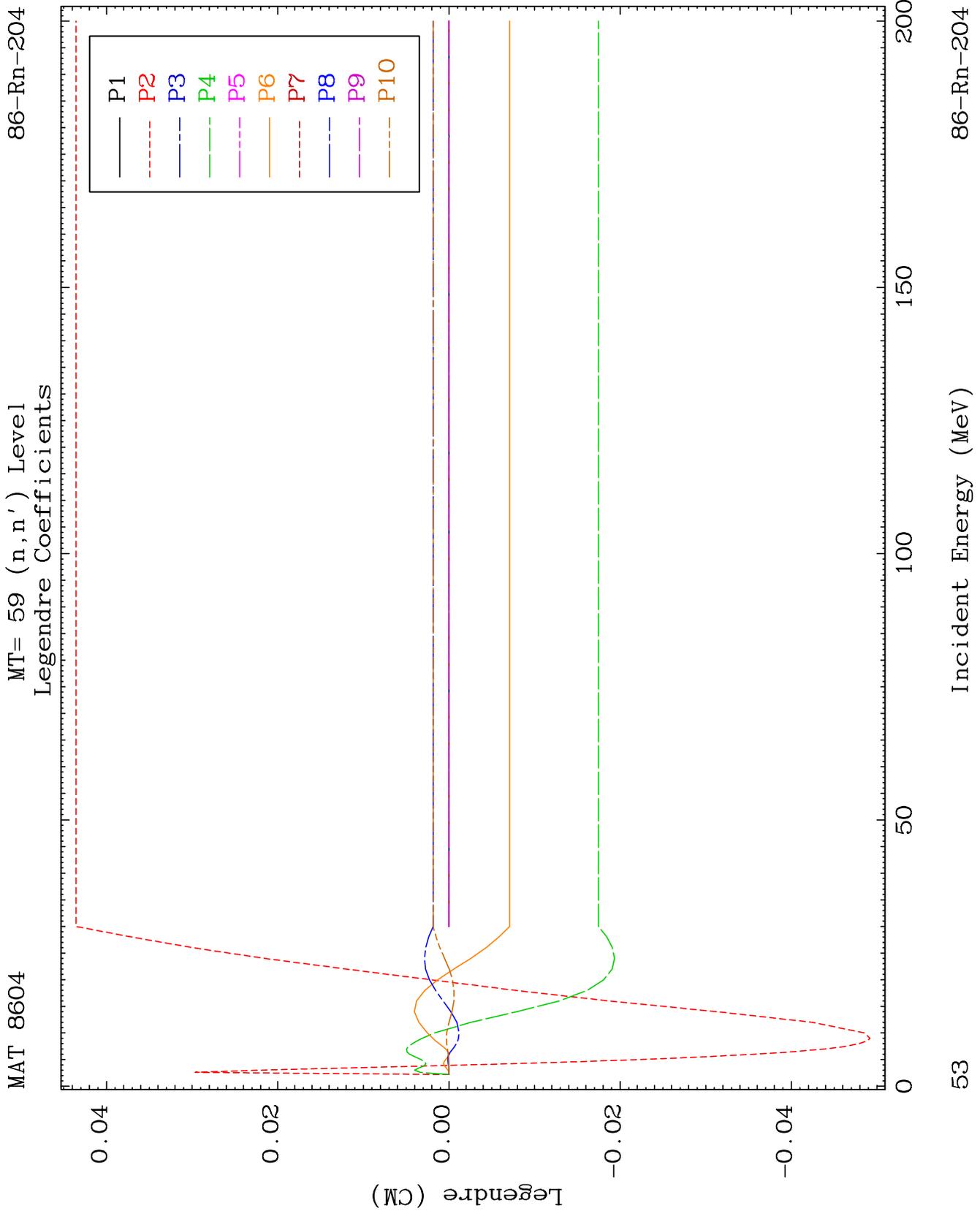
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52

Incident Energy (MeV)

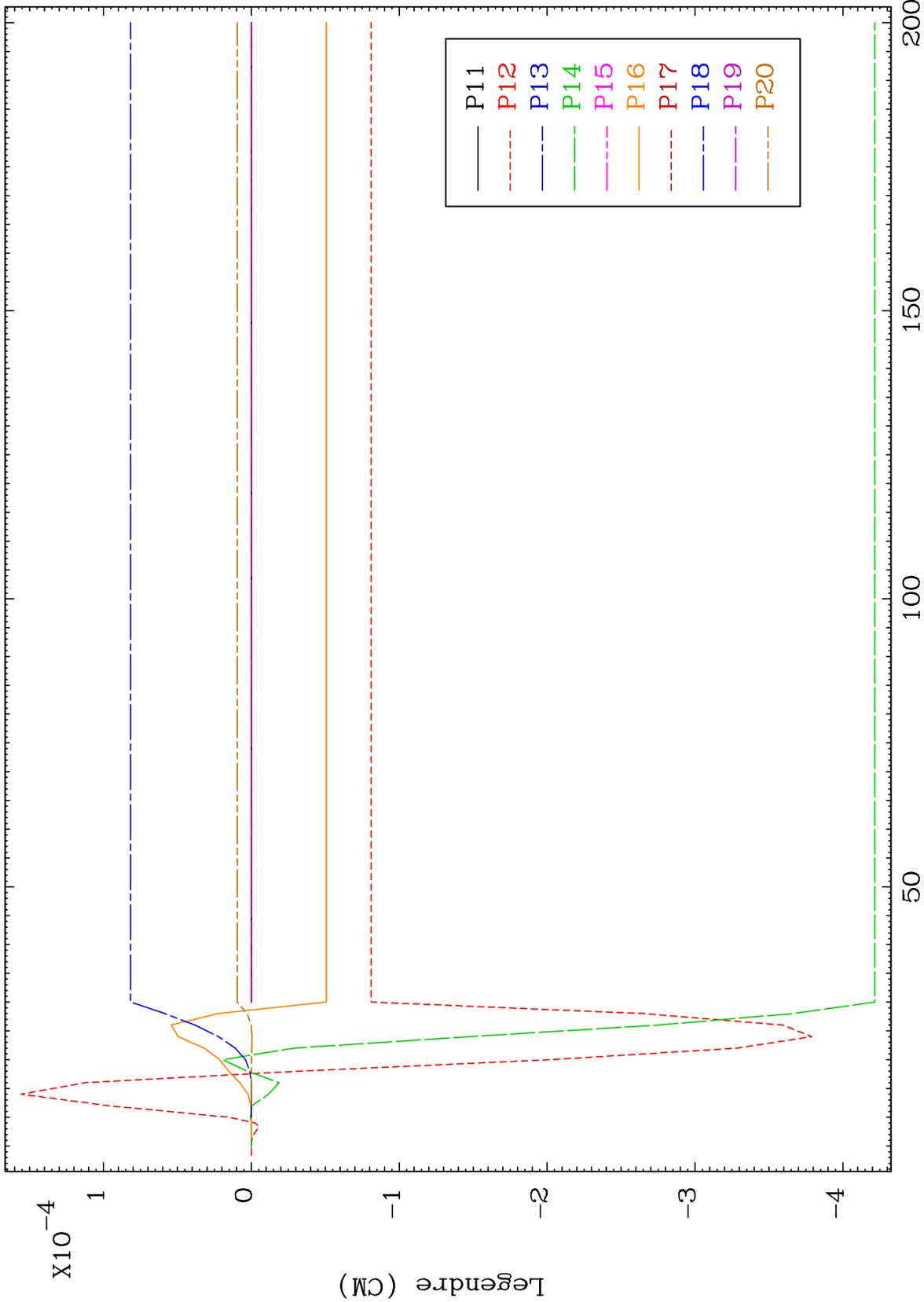
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MAT 8604

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

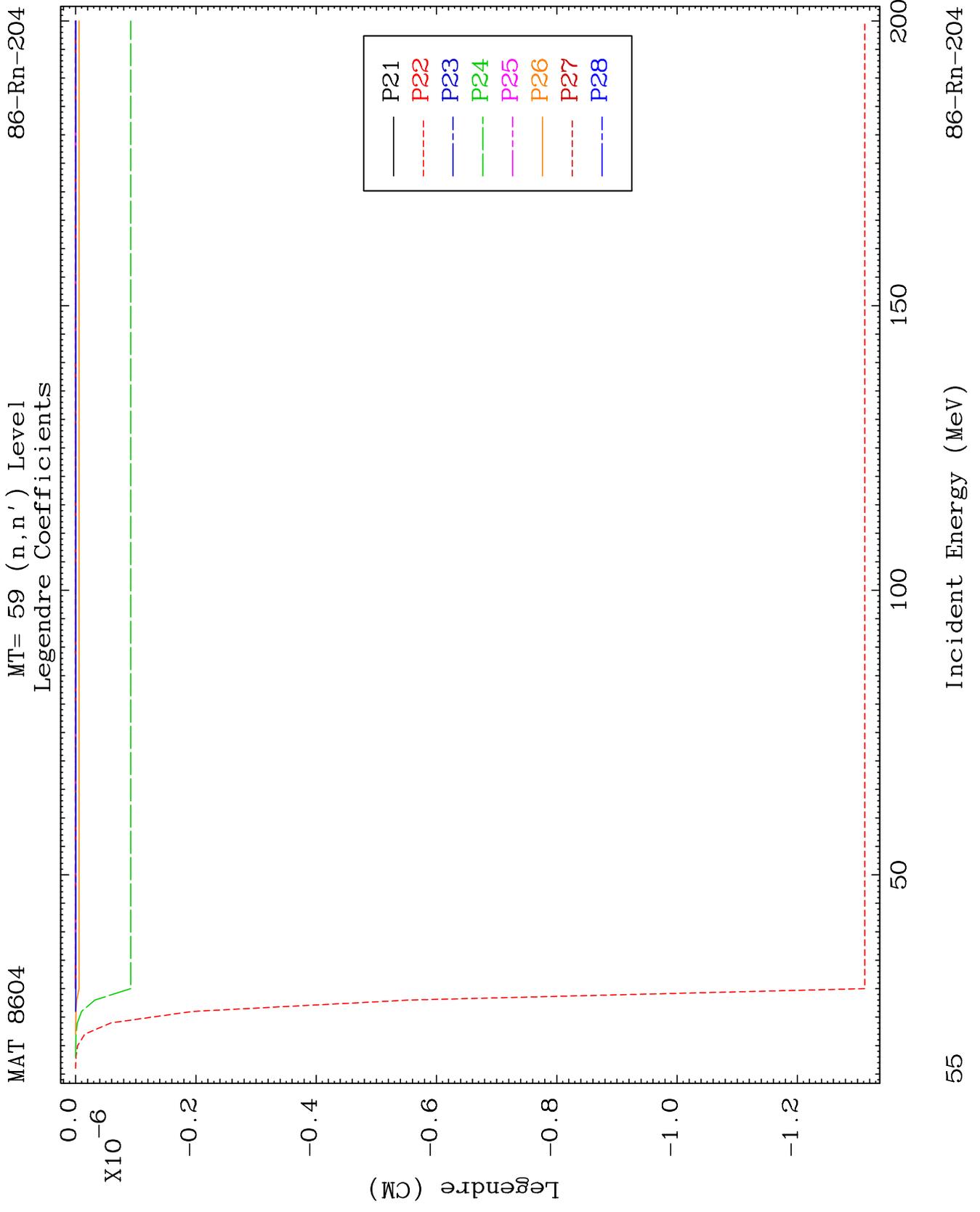
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54

Incident Energy (MeV)

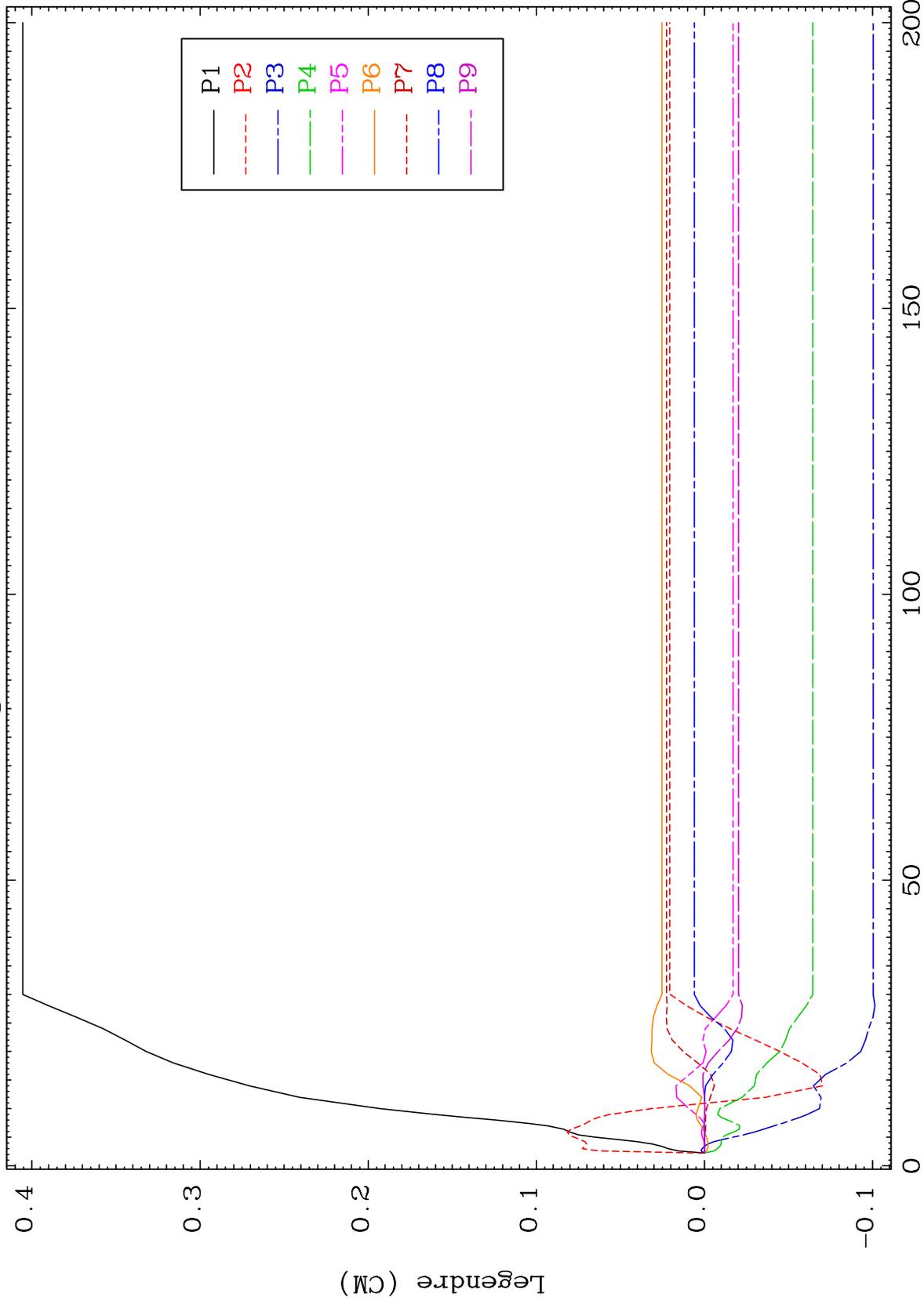
86-Rn-204



MAT 8604

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

86-Rn-204



56

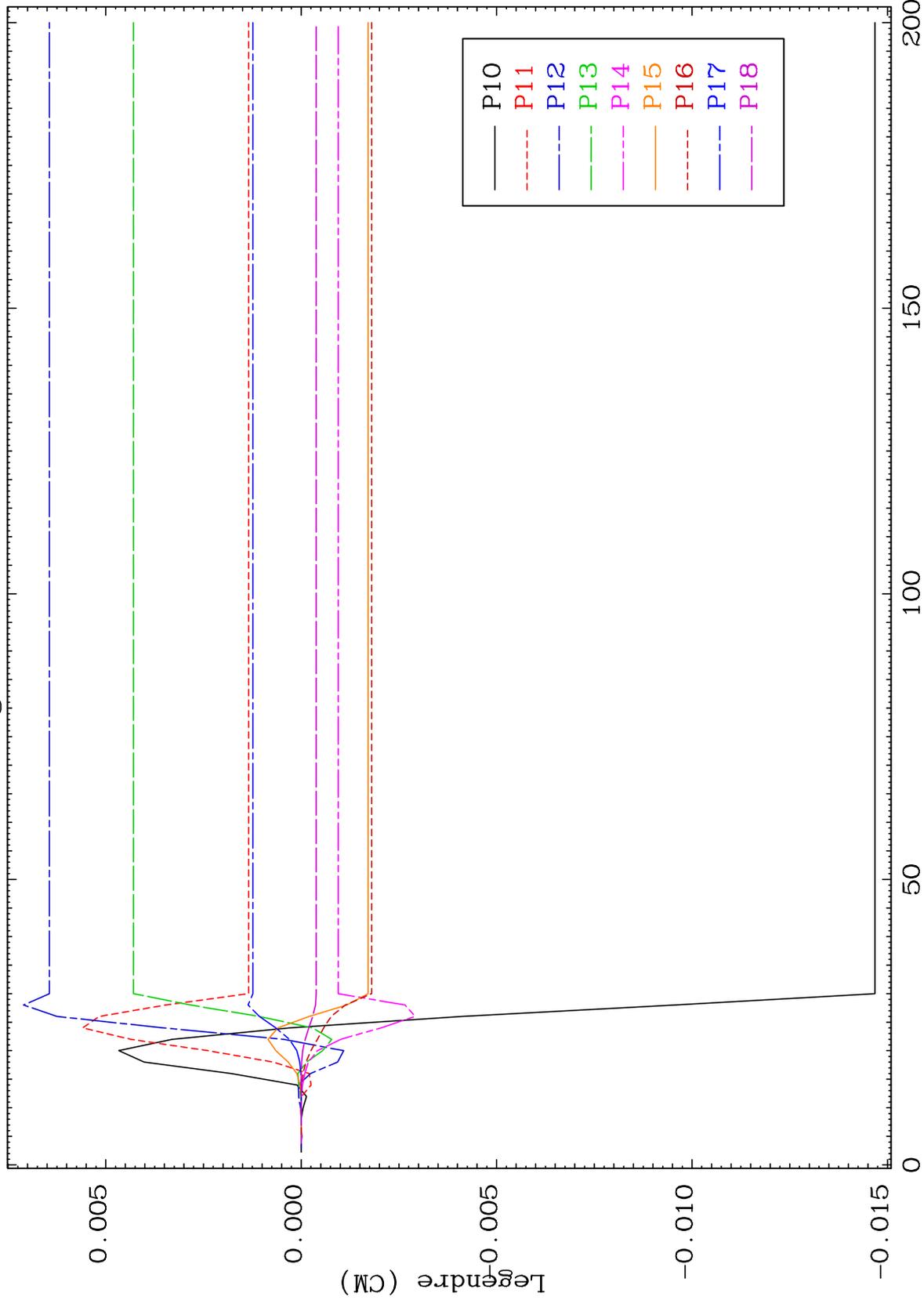
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



57

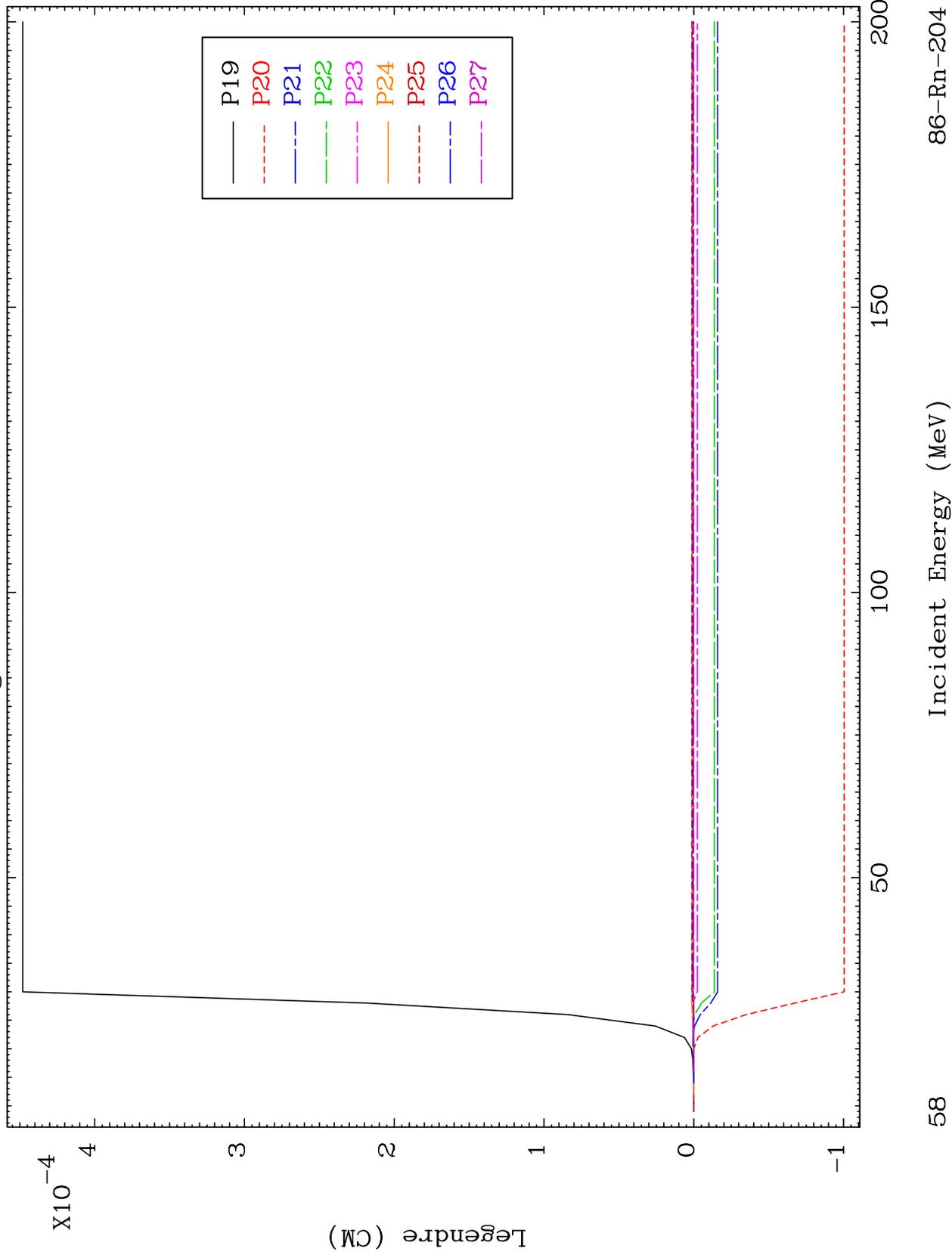
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



58

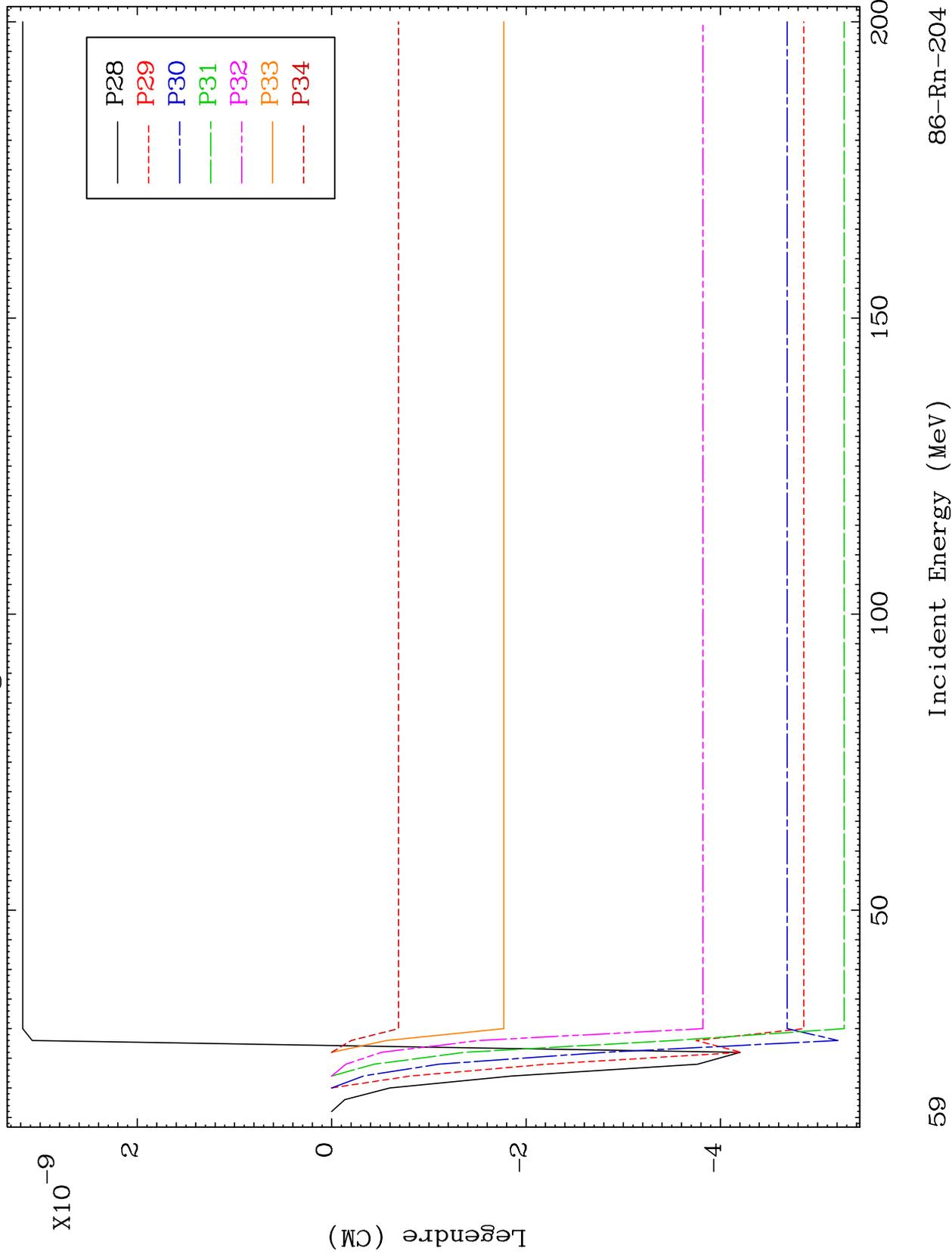
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



86-Rn-204

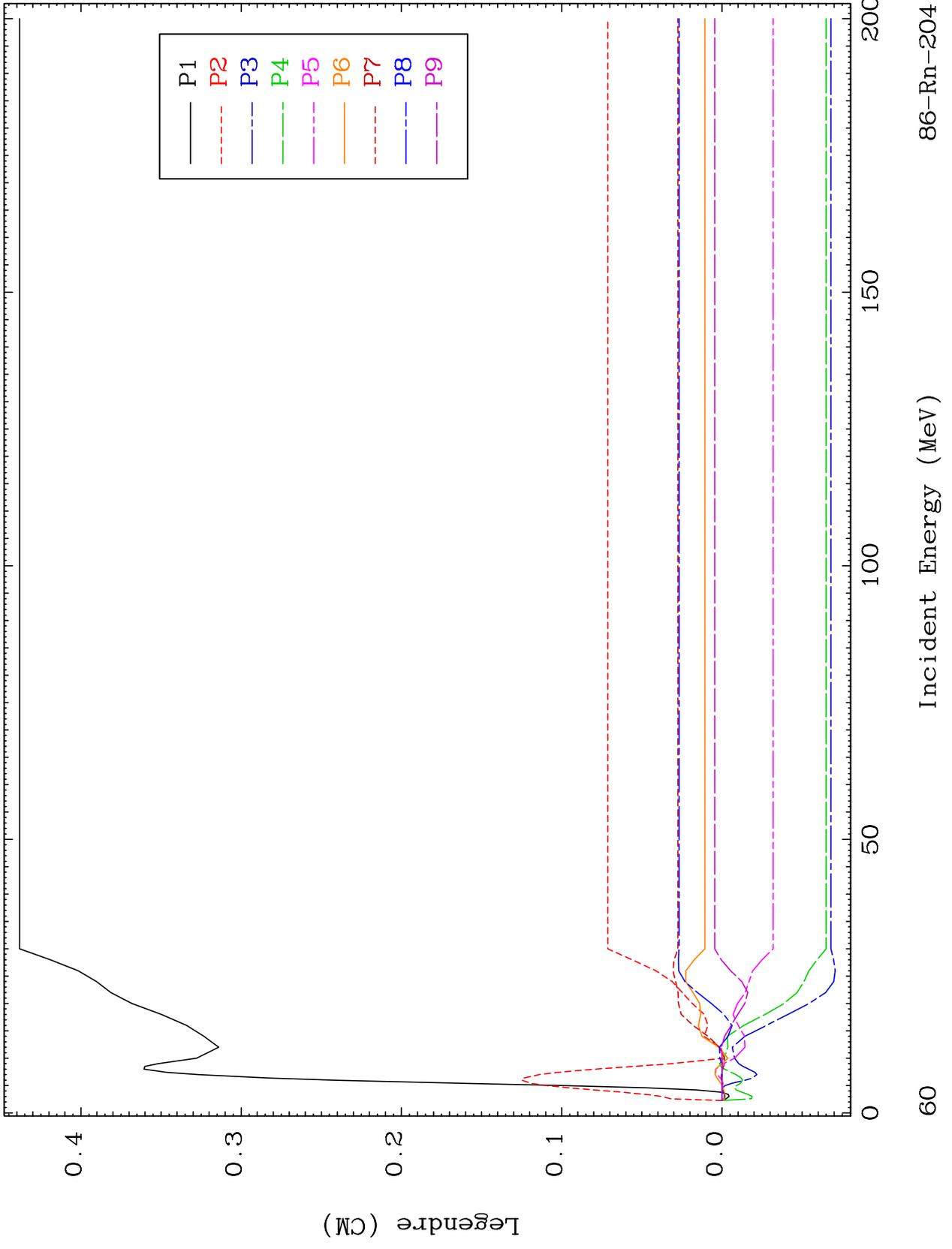
Incident Energy (MeV)

59

MAT 8604

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

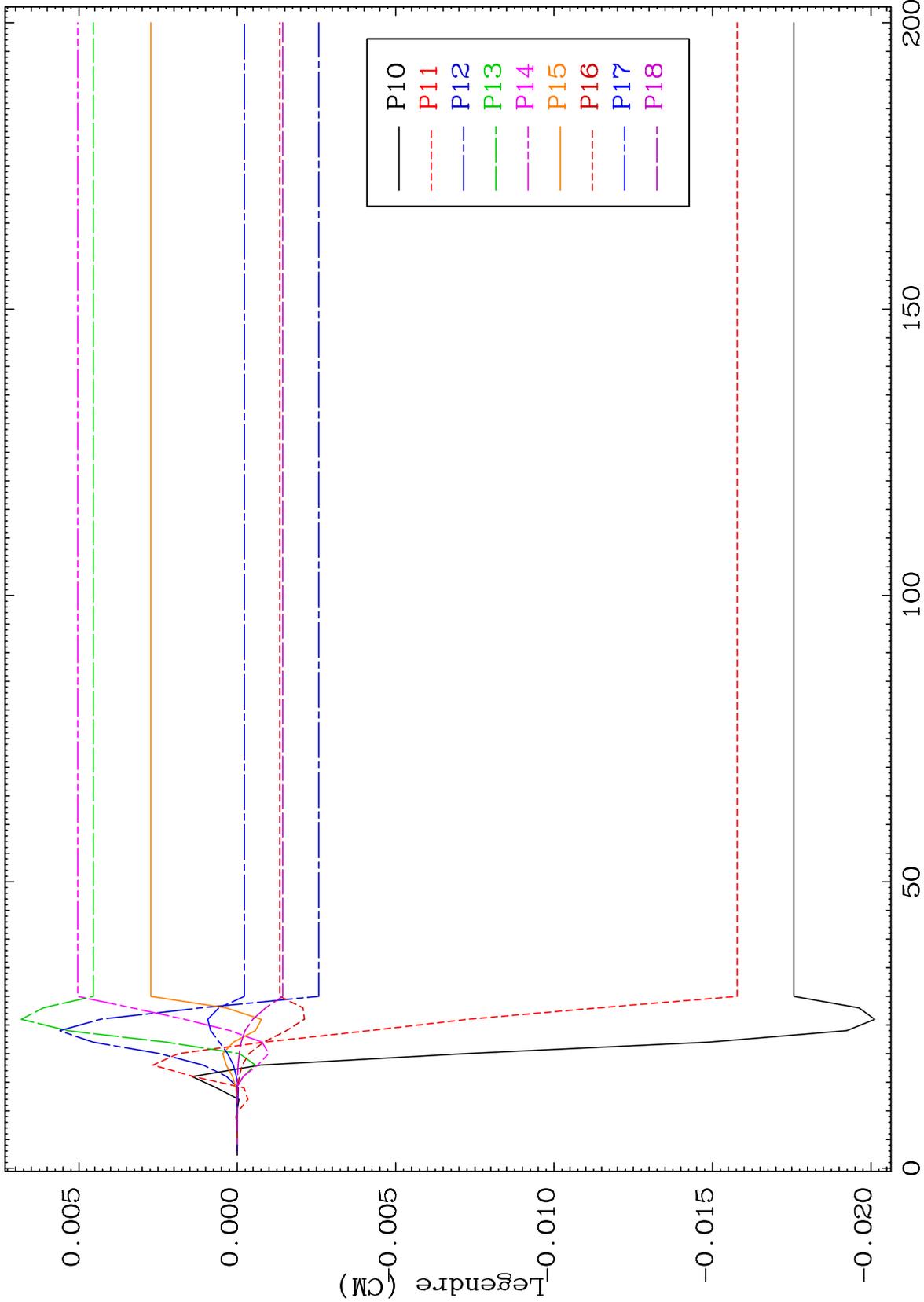
86-Rn-204



MAT 8604

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

86-Rn-204



61

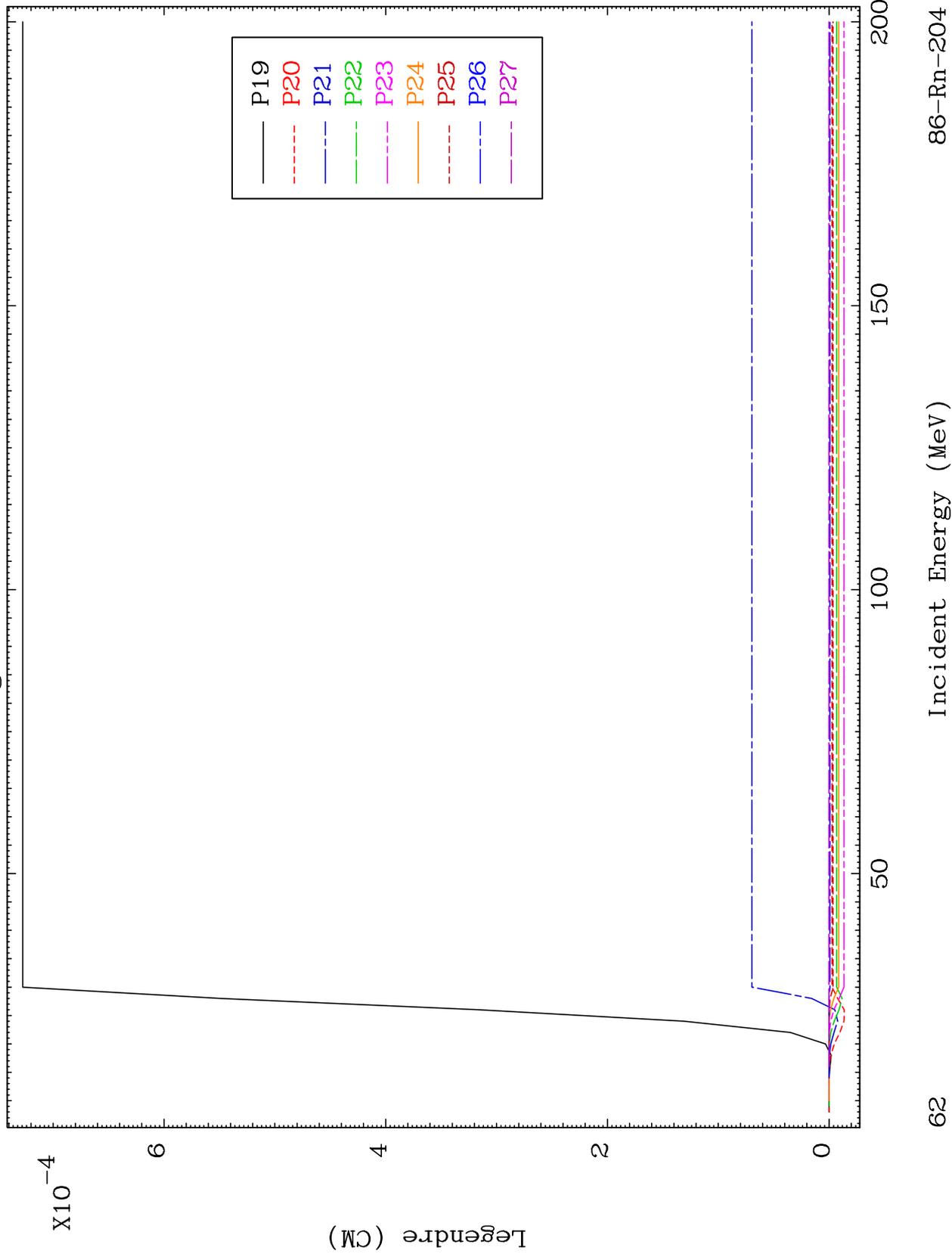
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204

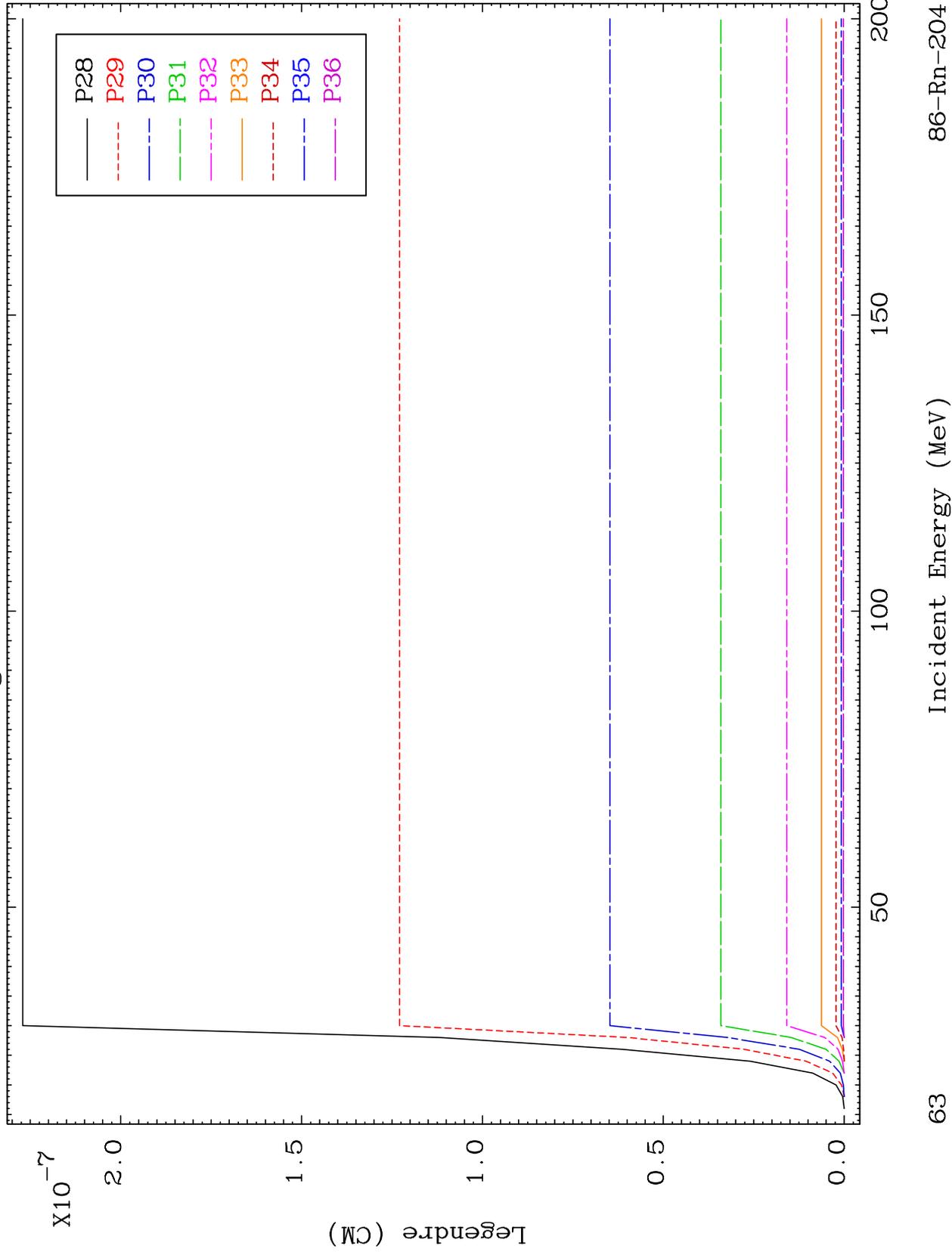


62

MAT 8604

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

86-Rn-204

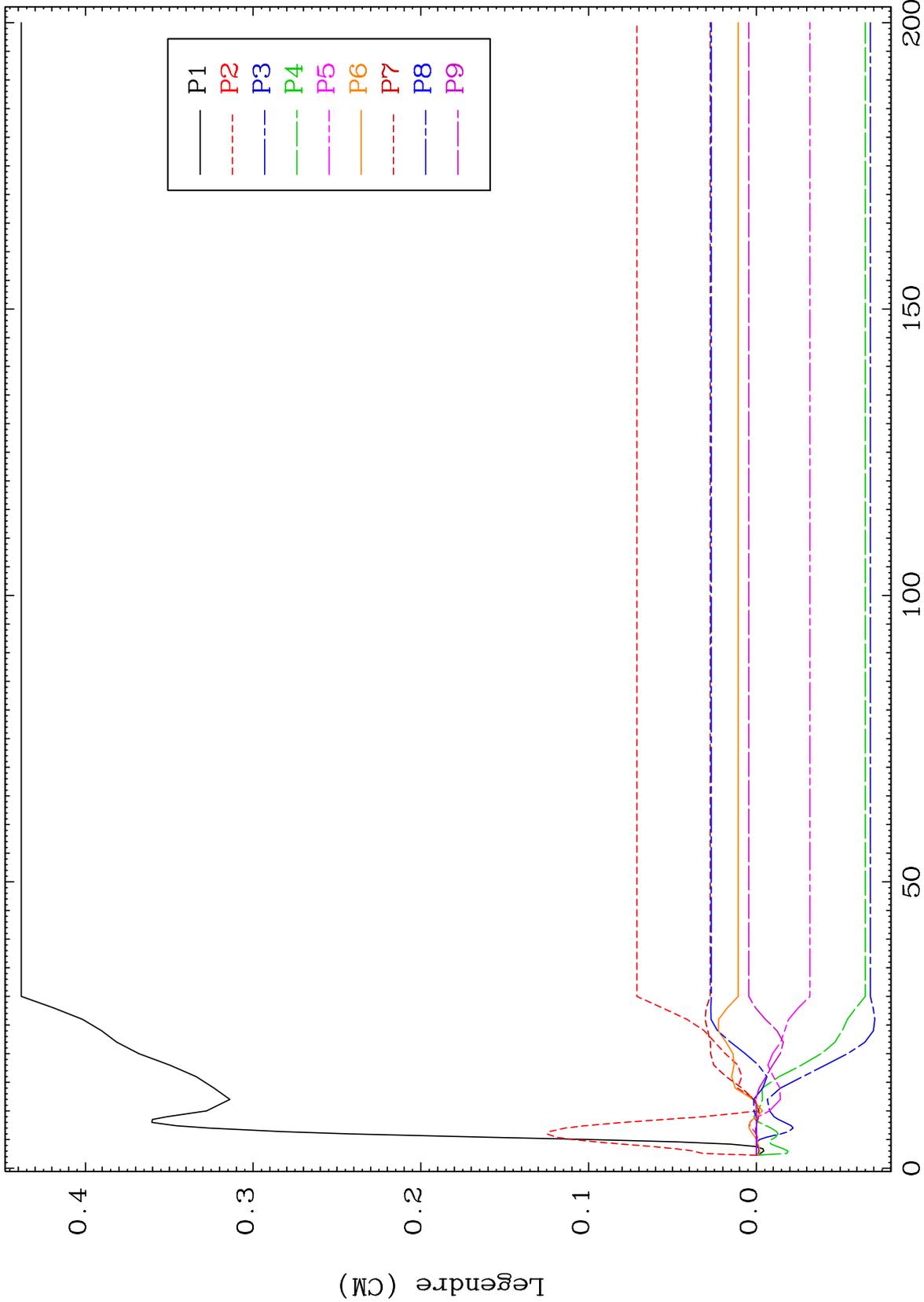


63

MAT 8604

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

86-Rn-204



64

Incident Energy (MeV)

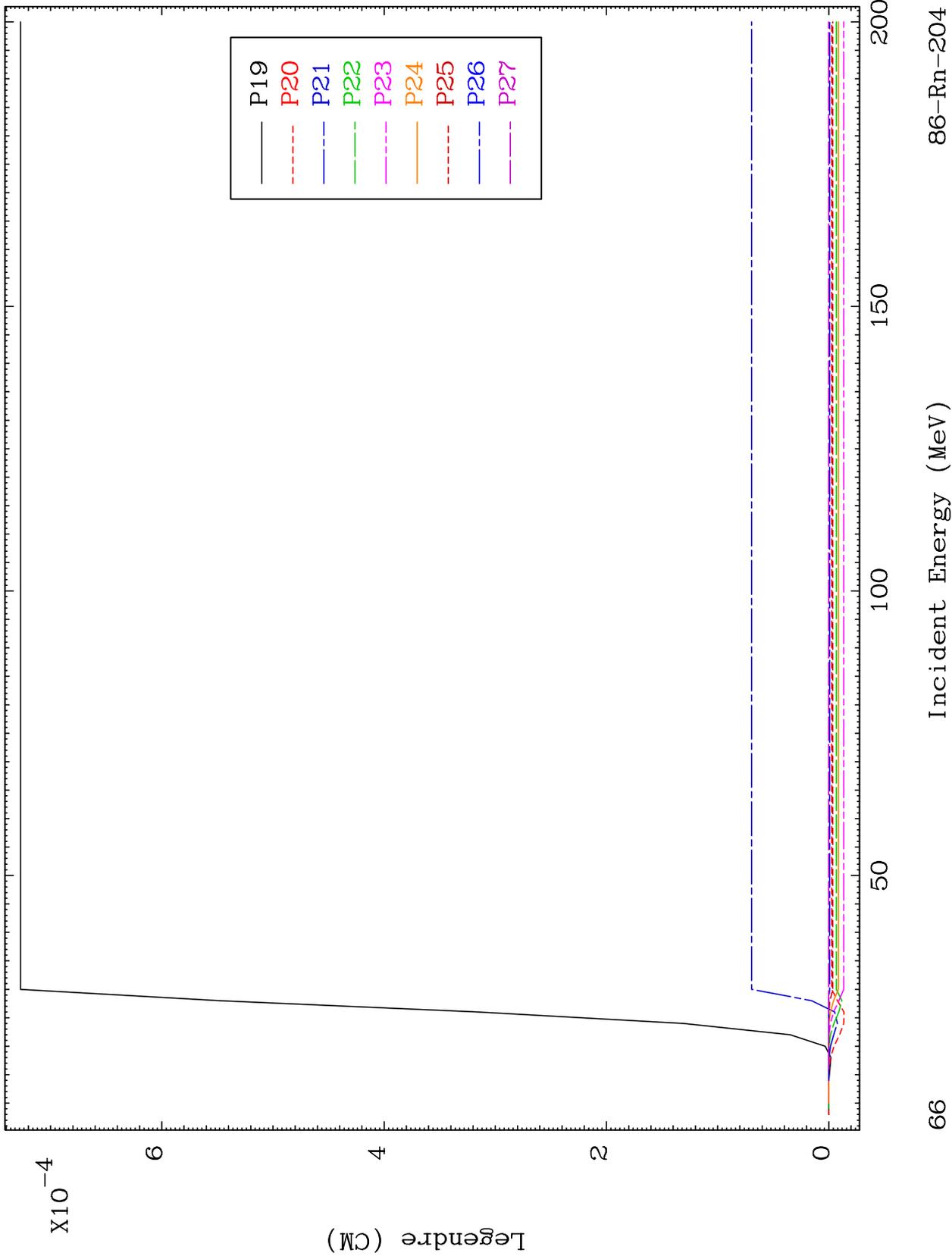
86-Rn-204



MAT 8604

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

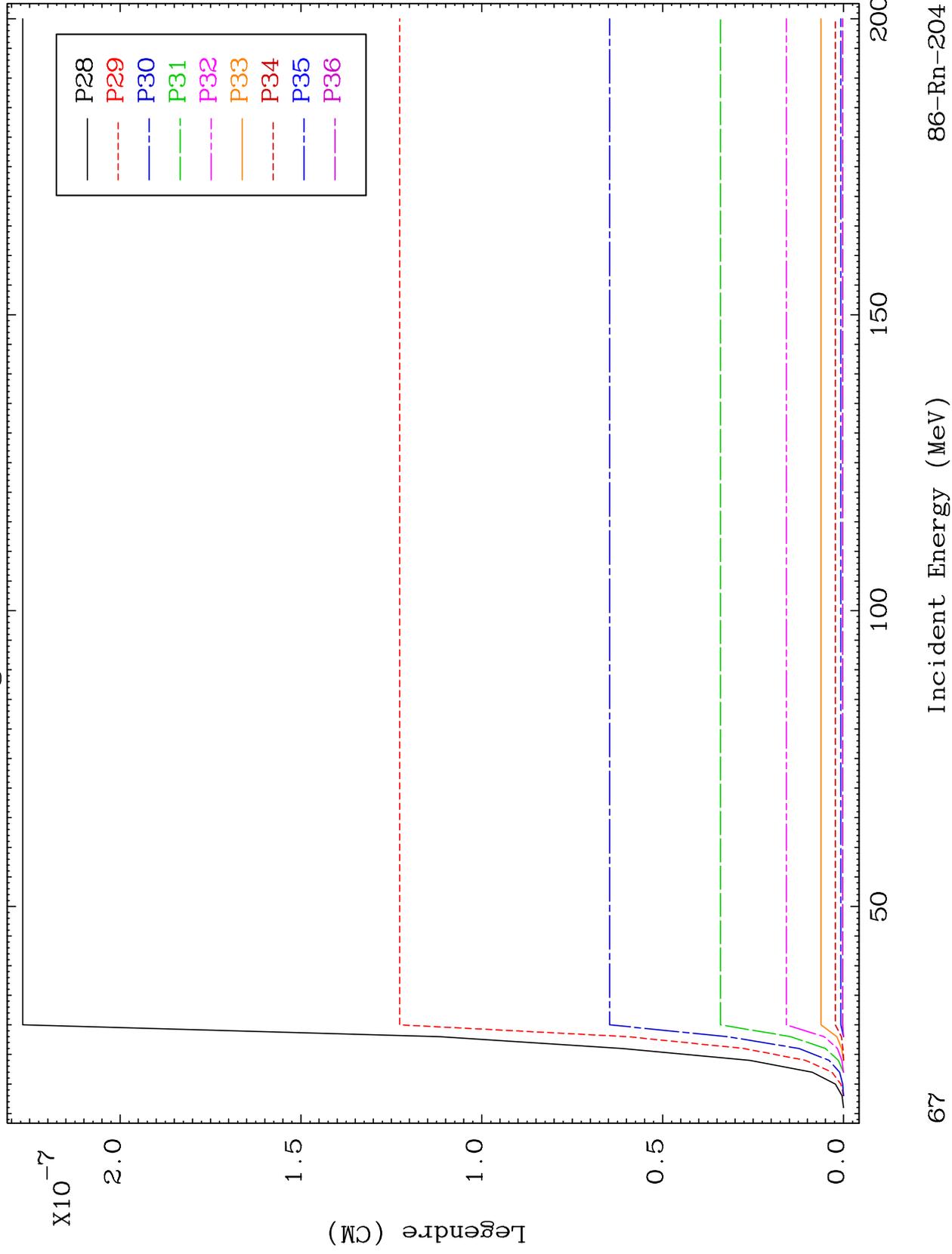
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MAT 8604

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

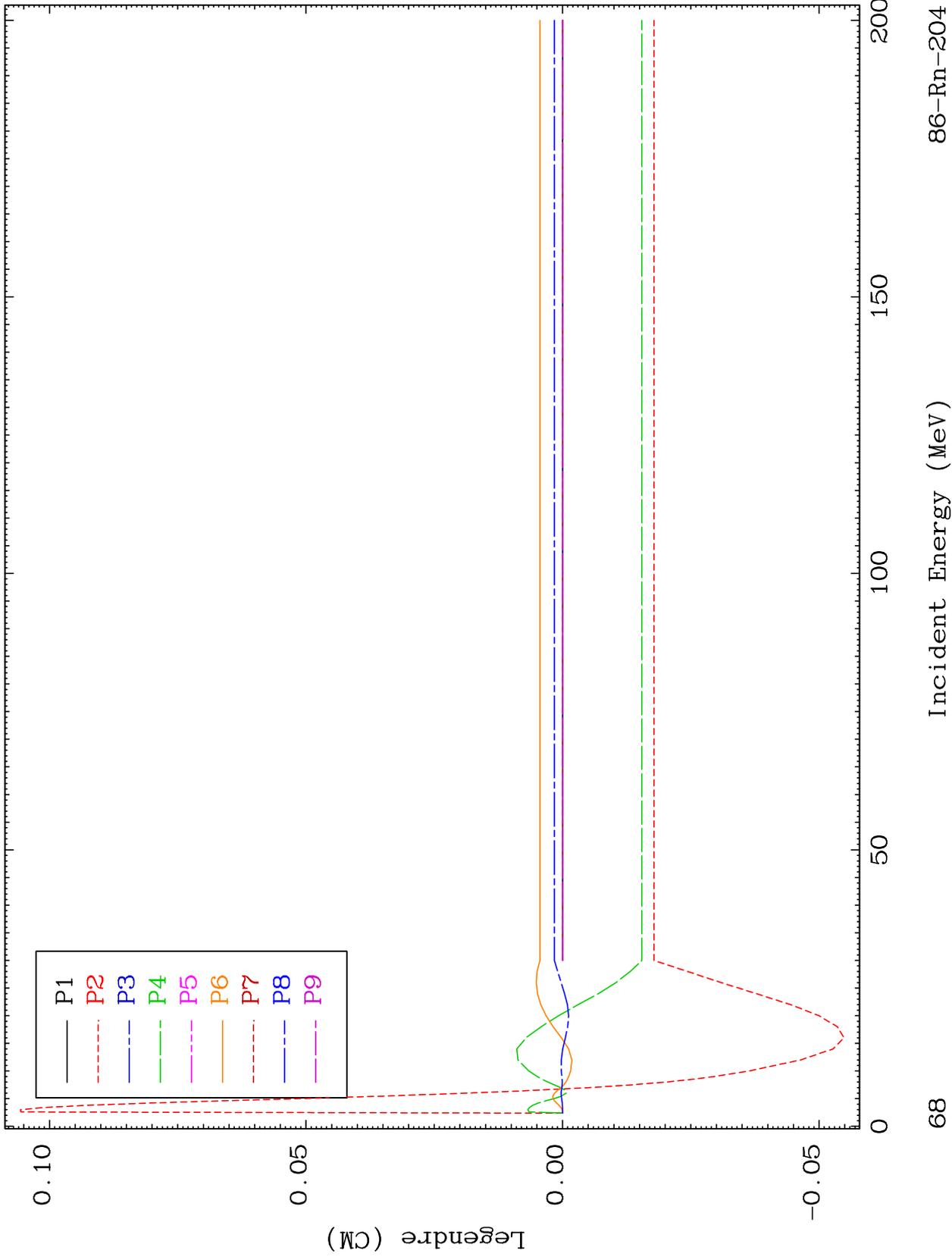
86-Rn-204



MAT 8604

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

86-Rn-204



86-Rn-204

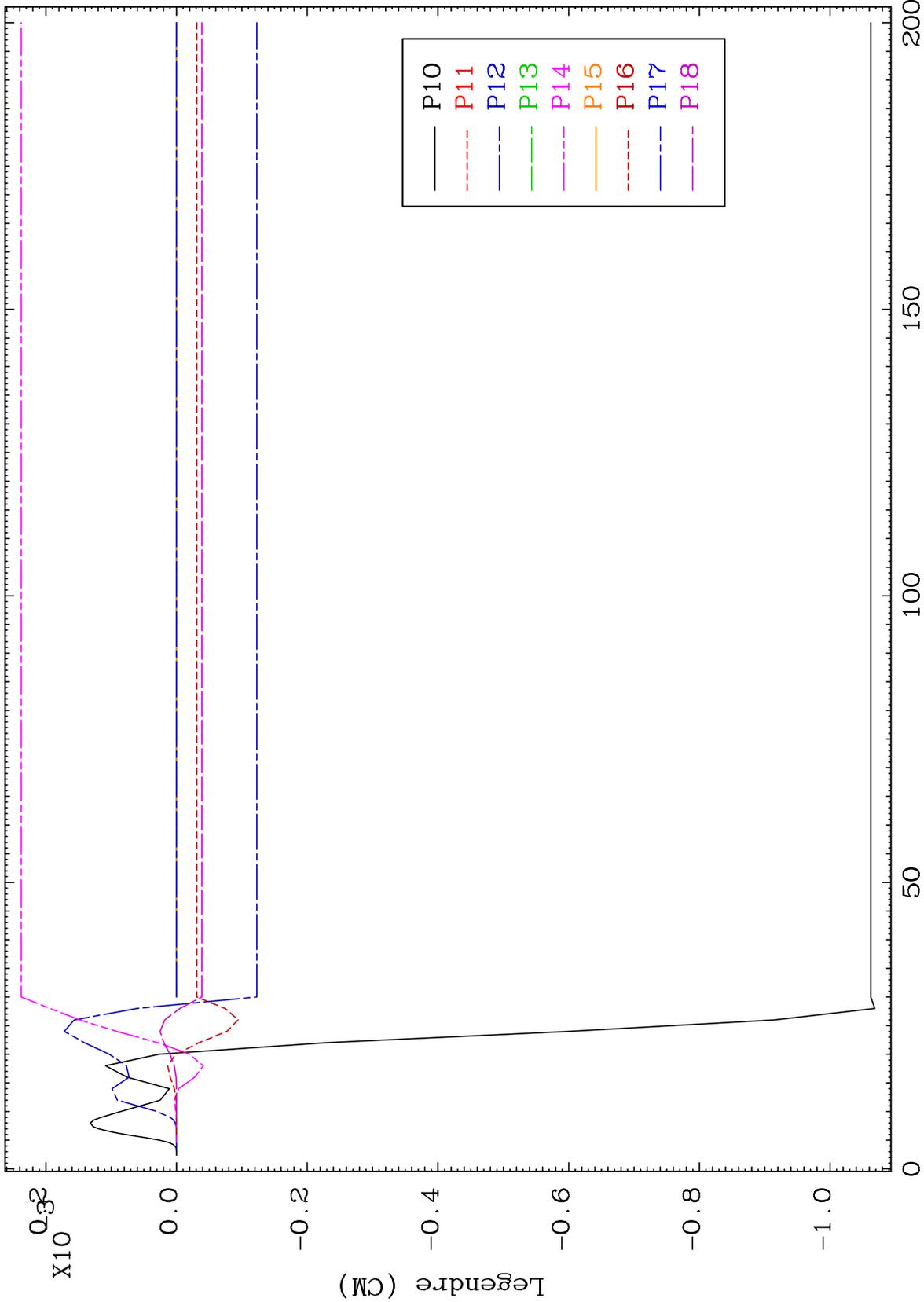
Incident Energy (MeV)

68

MAT 8604

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

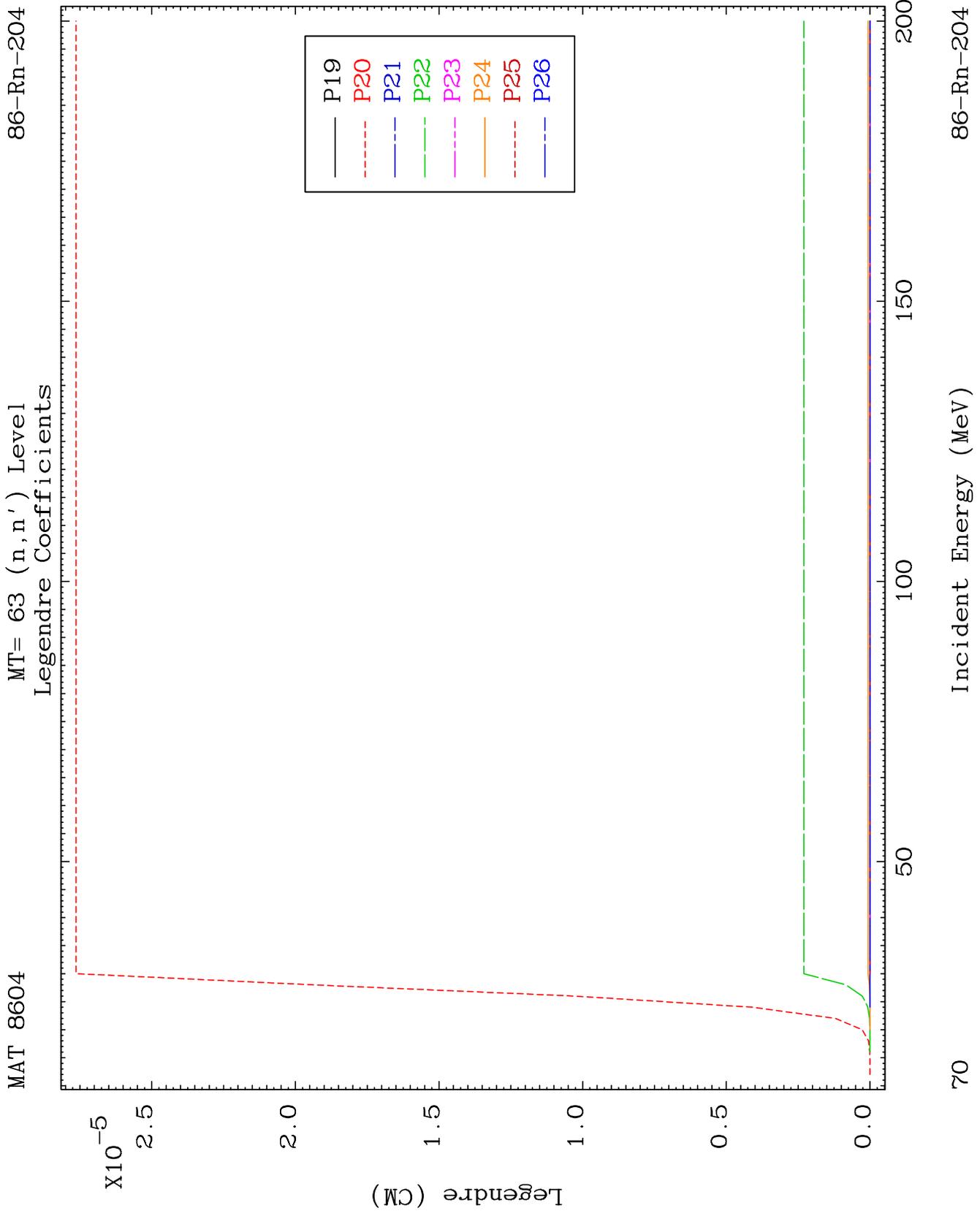
86-Rn-204



69

Incident Energy (MeV)

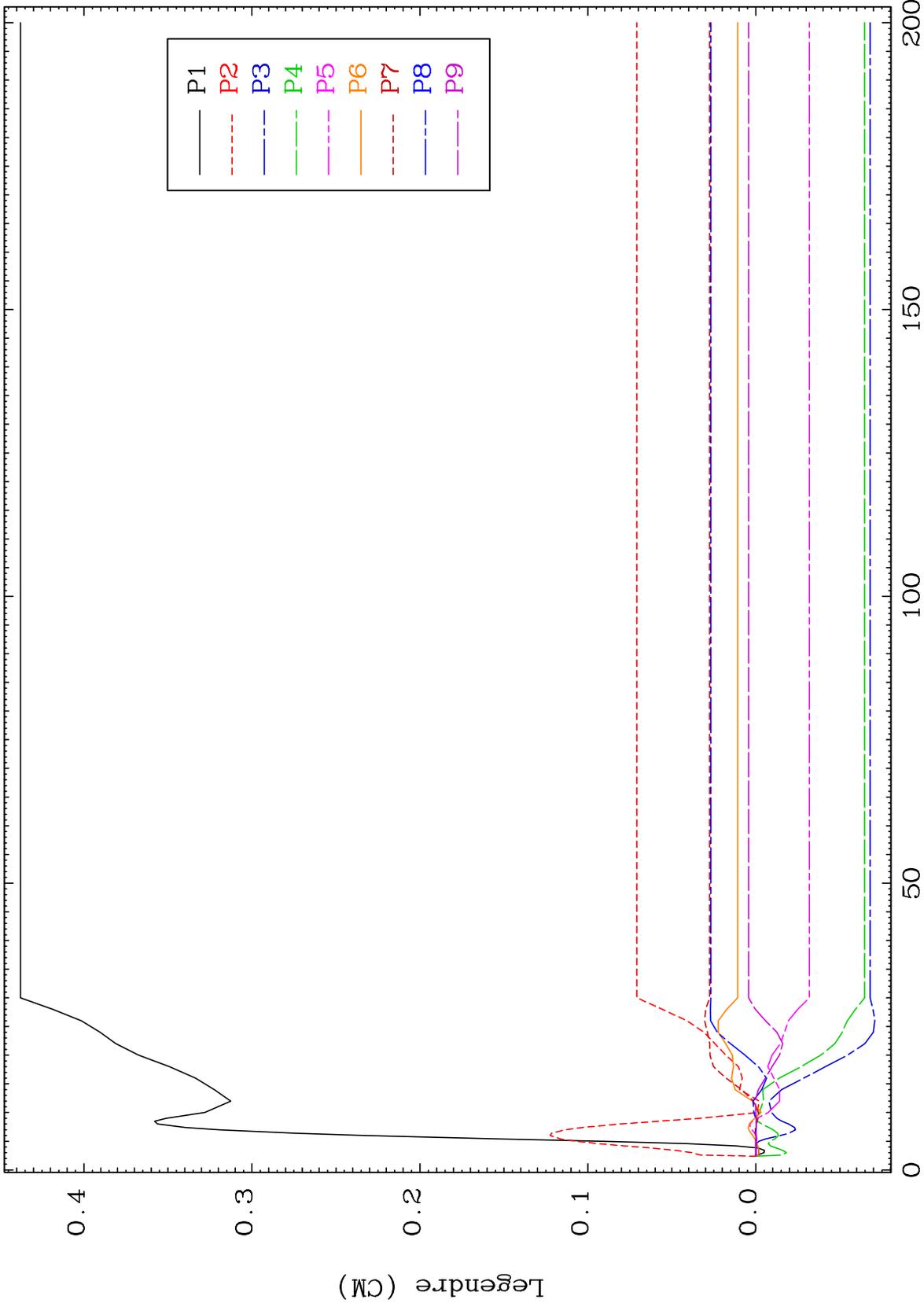
86-Rn-204



MAT 8604

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

86-Rn-204



71

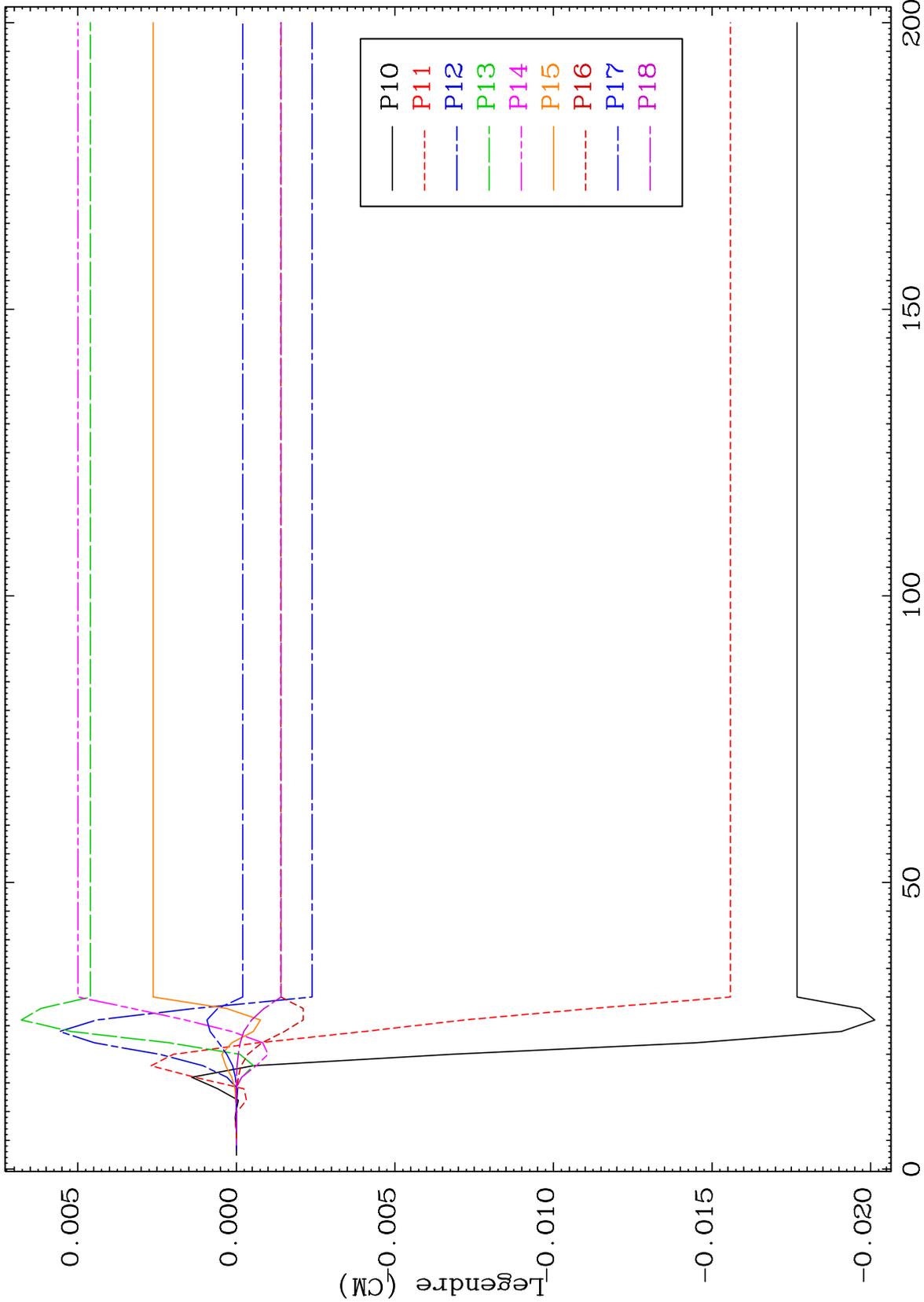
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



72

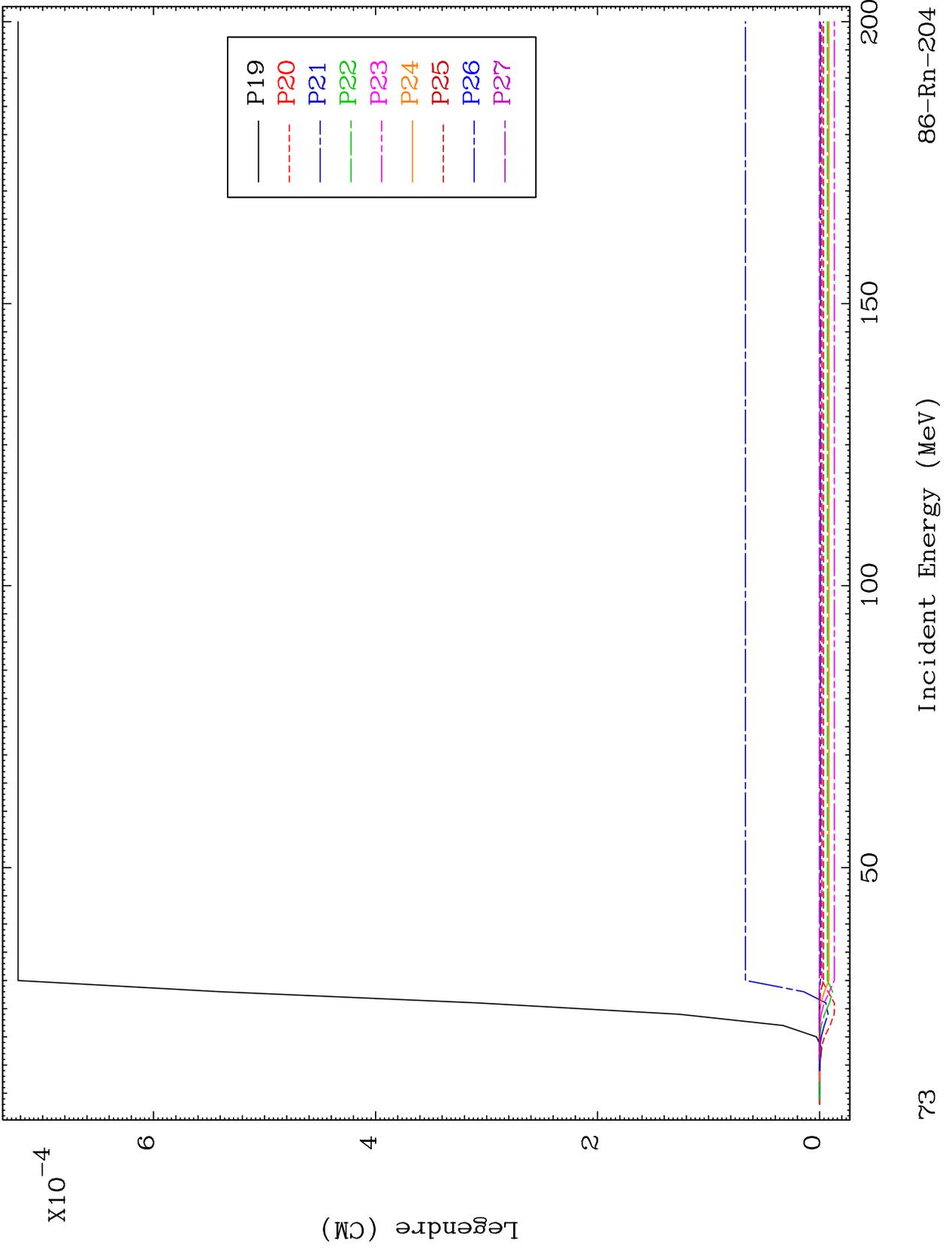
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



73

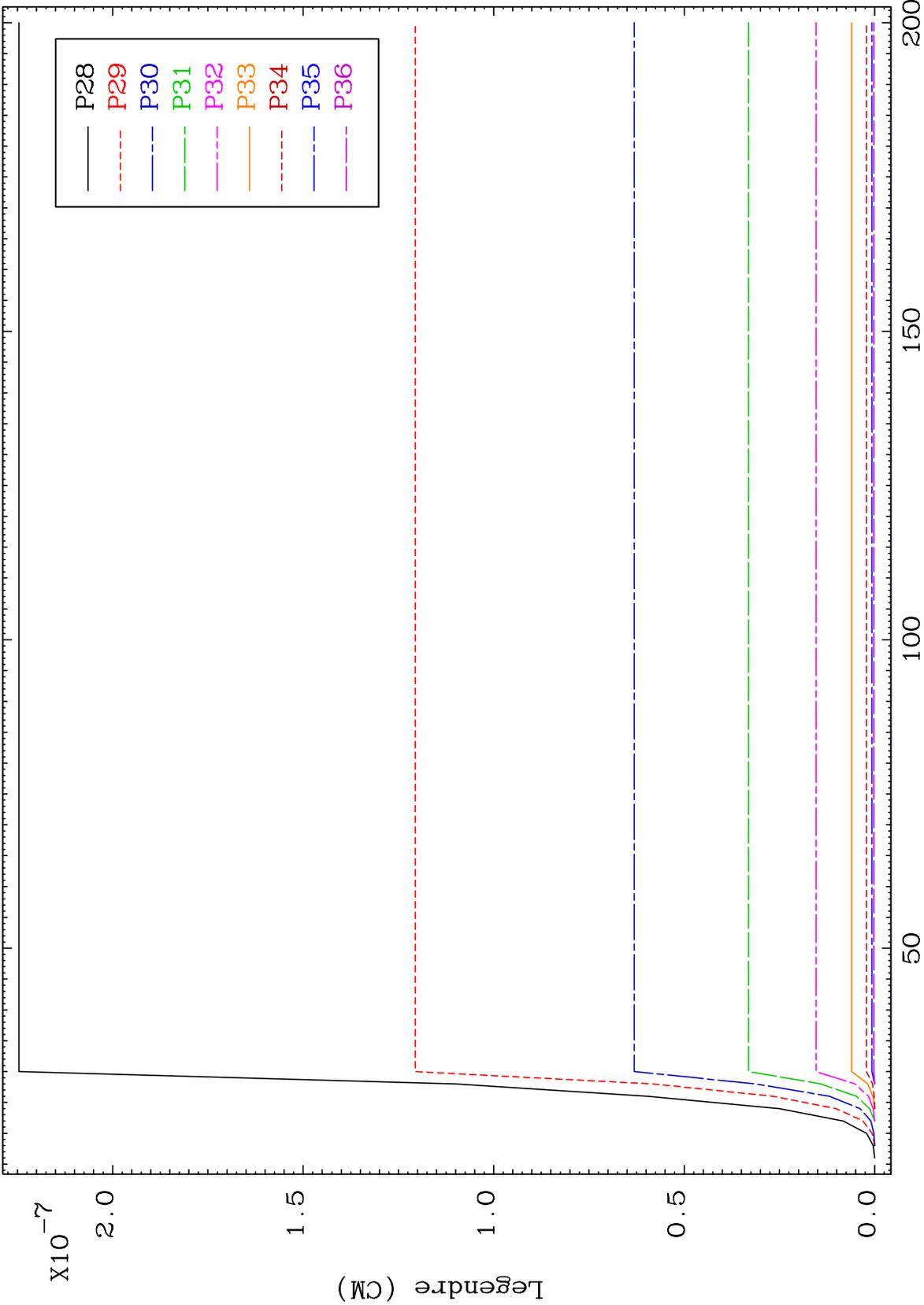
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



74

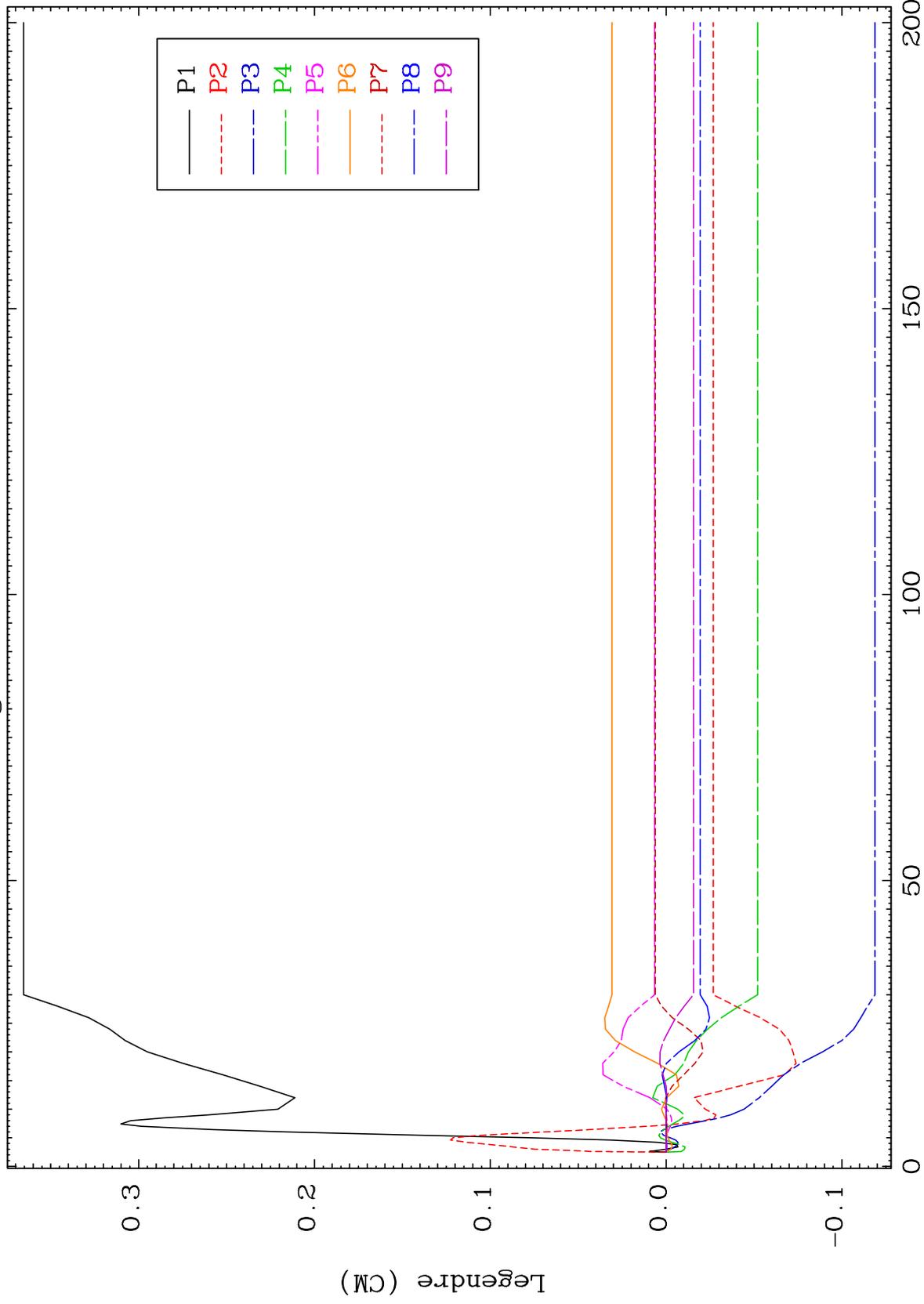
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

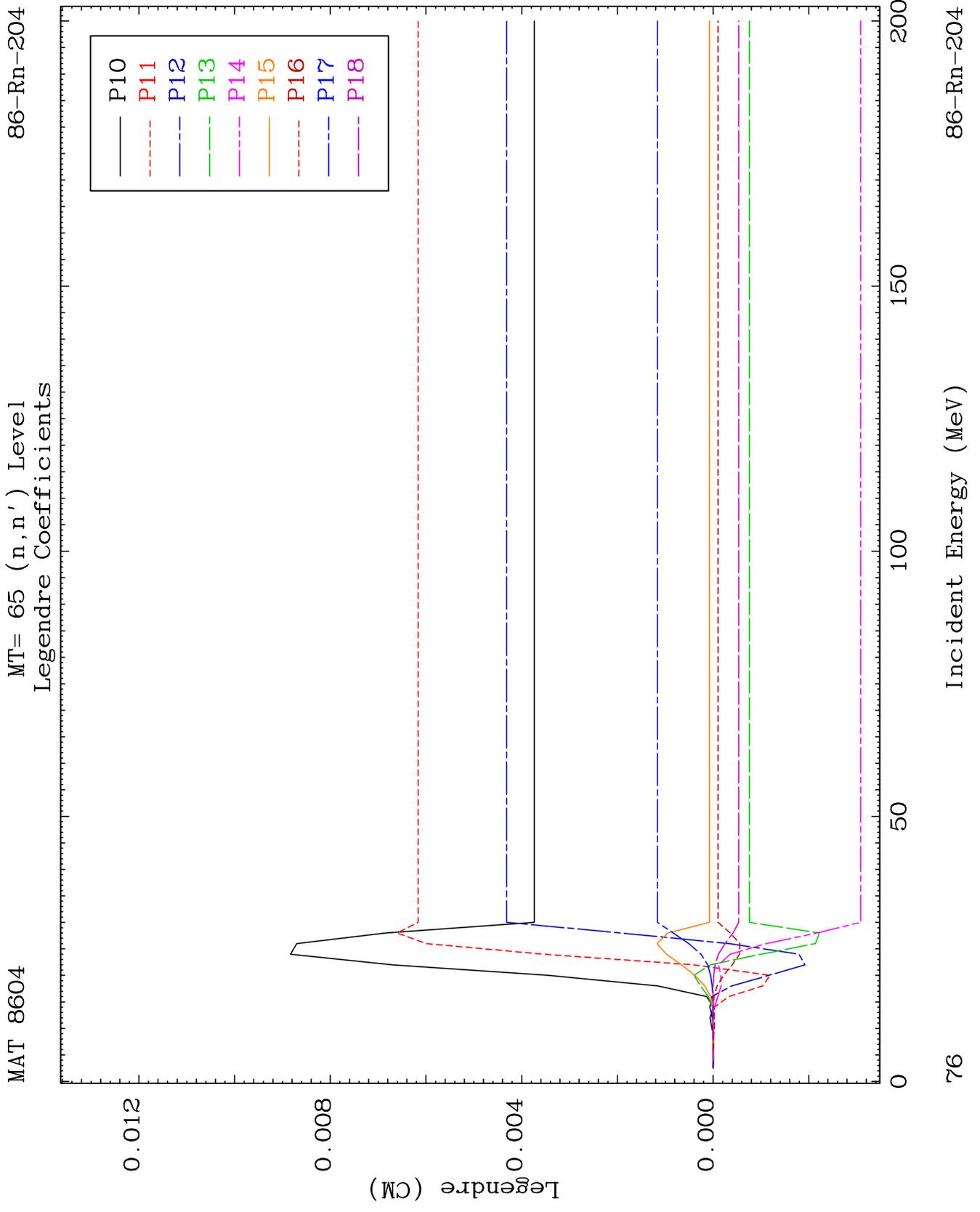
86-Rn-204



75

86-Rn-204

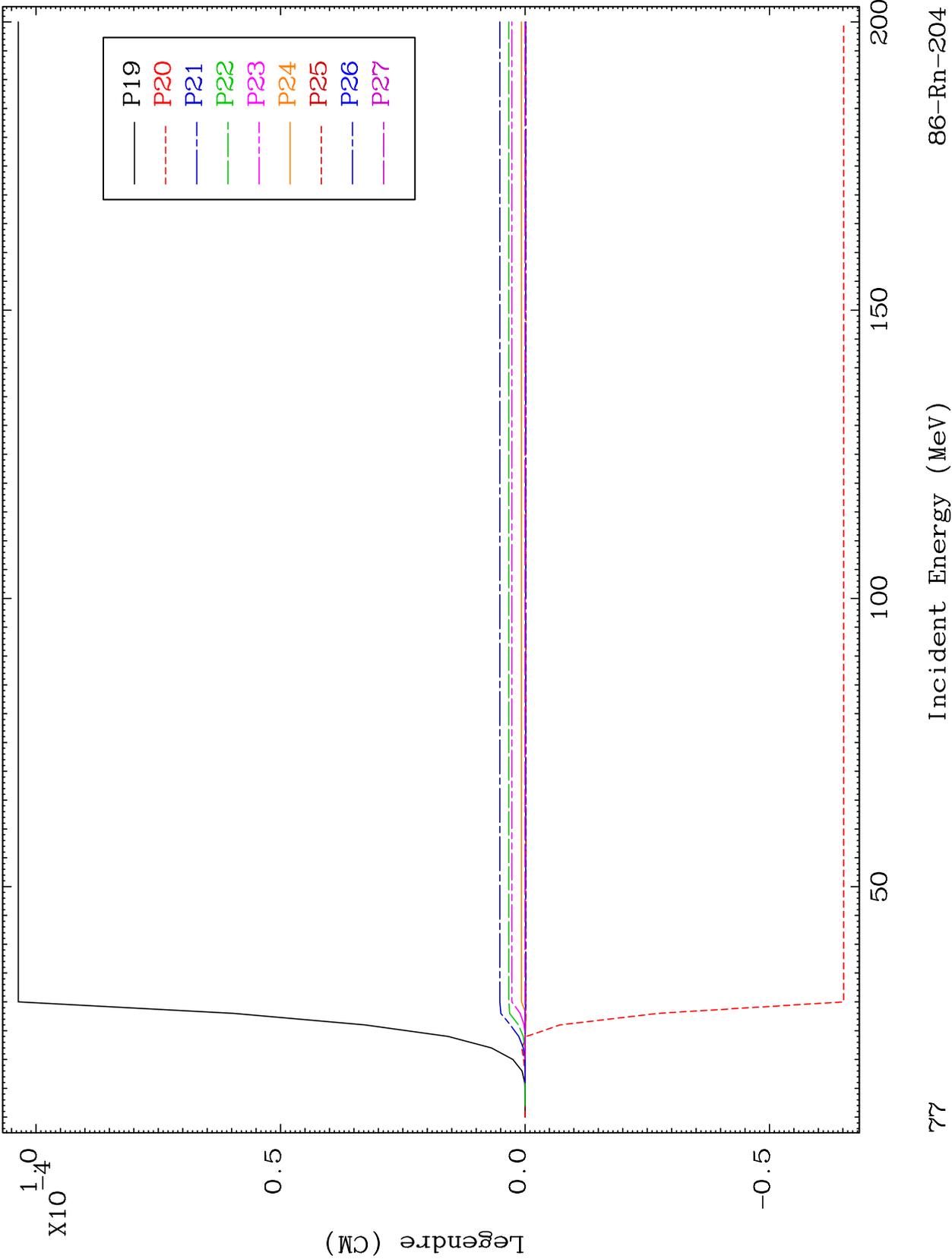
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MAT 8604

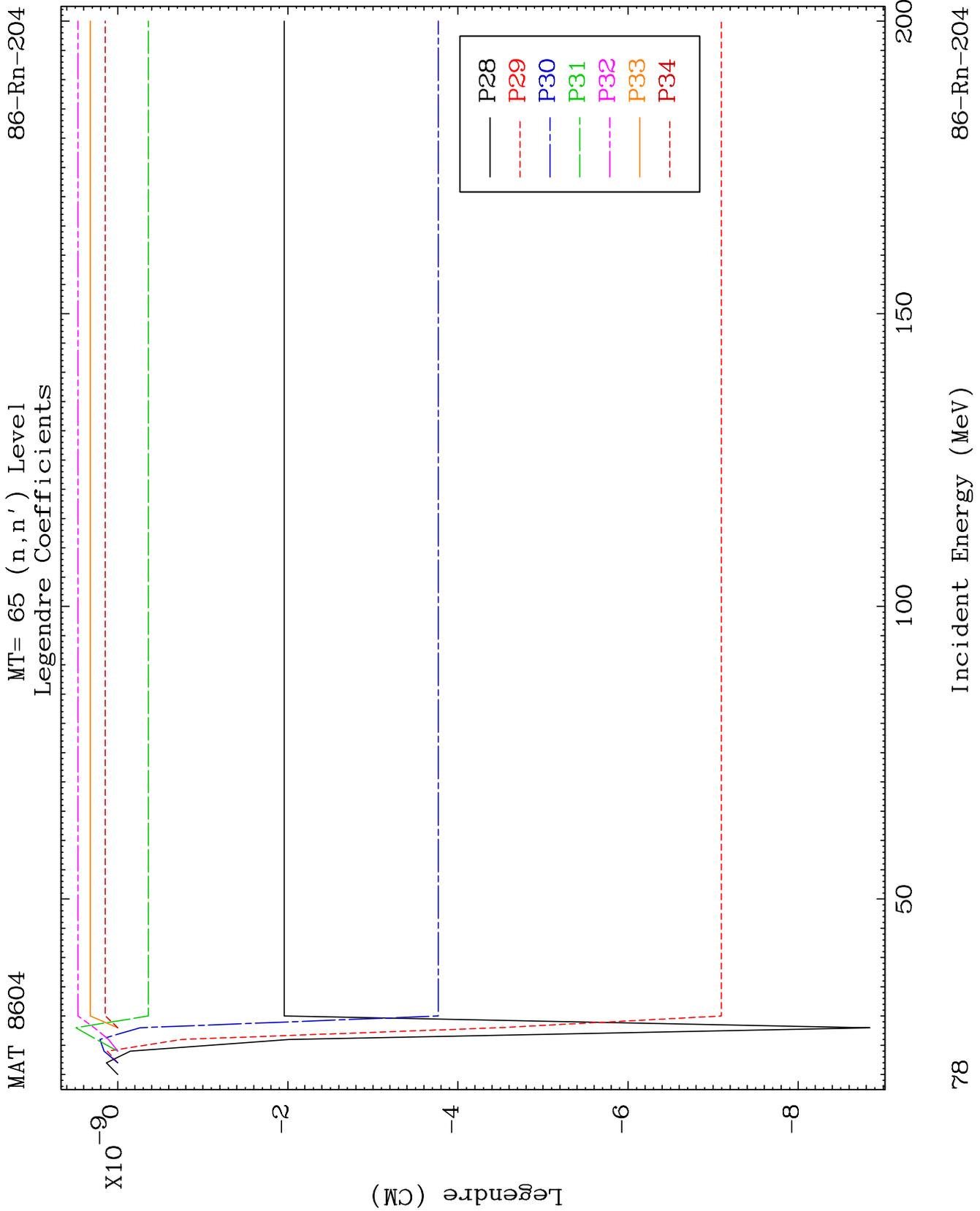
MT= 65 (n,n') Level  
Legendre Coefficients

86-Rn-204



77

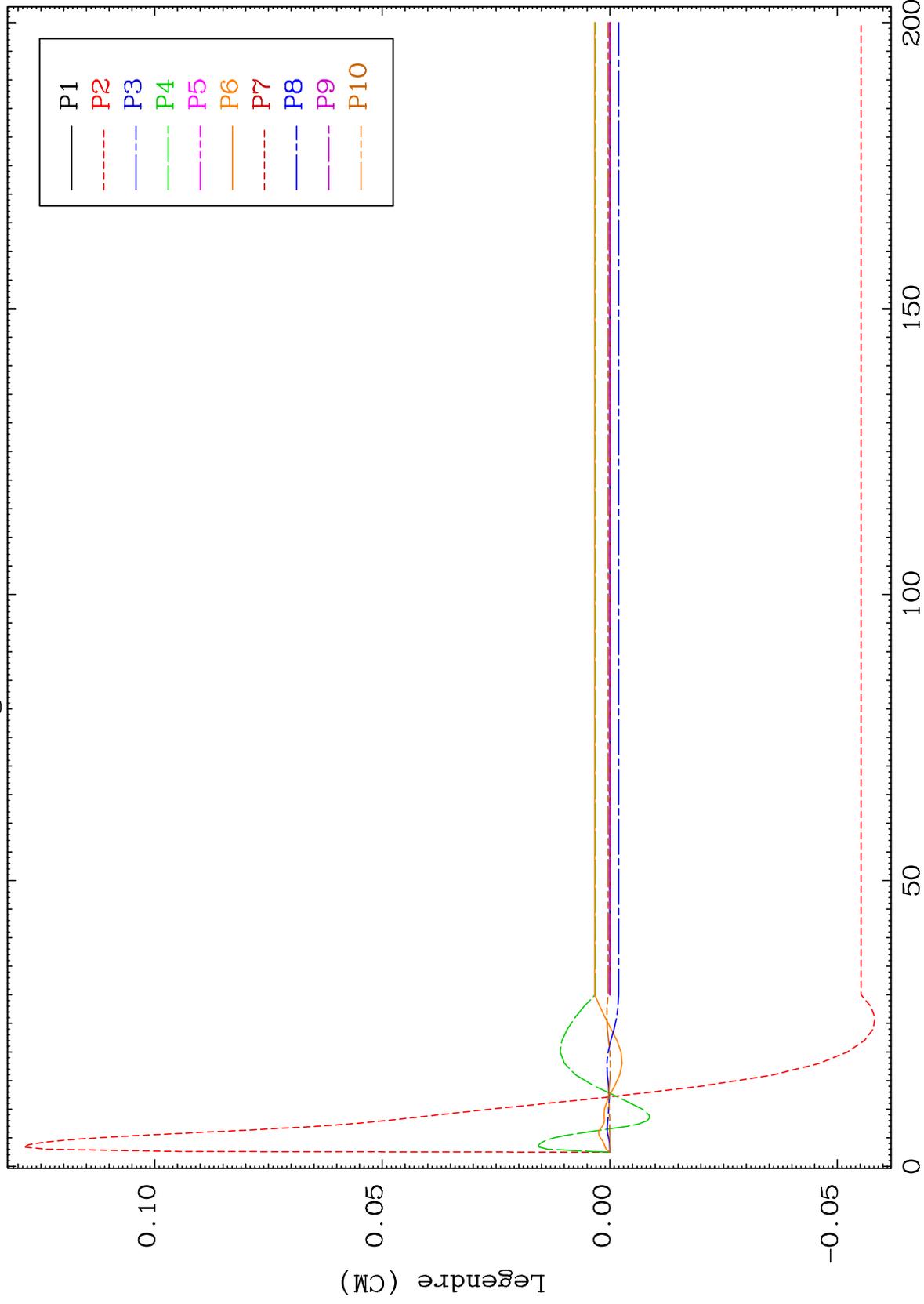
86-Rn-204



MAT 8604

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

86-Rn-204



79

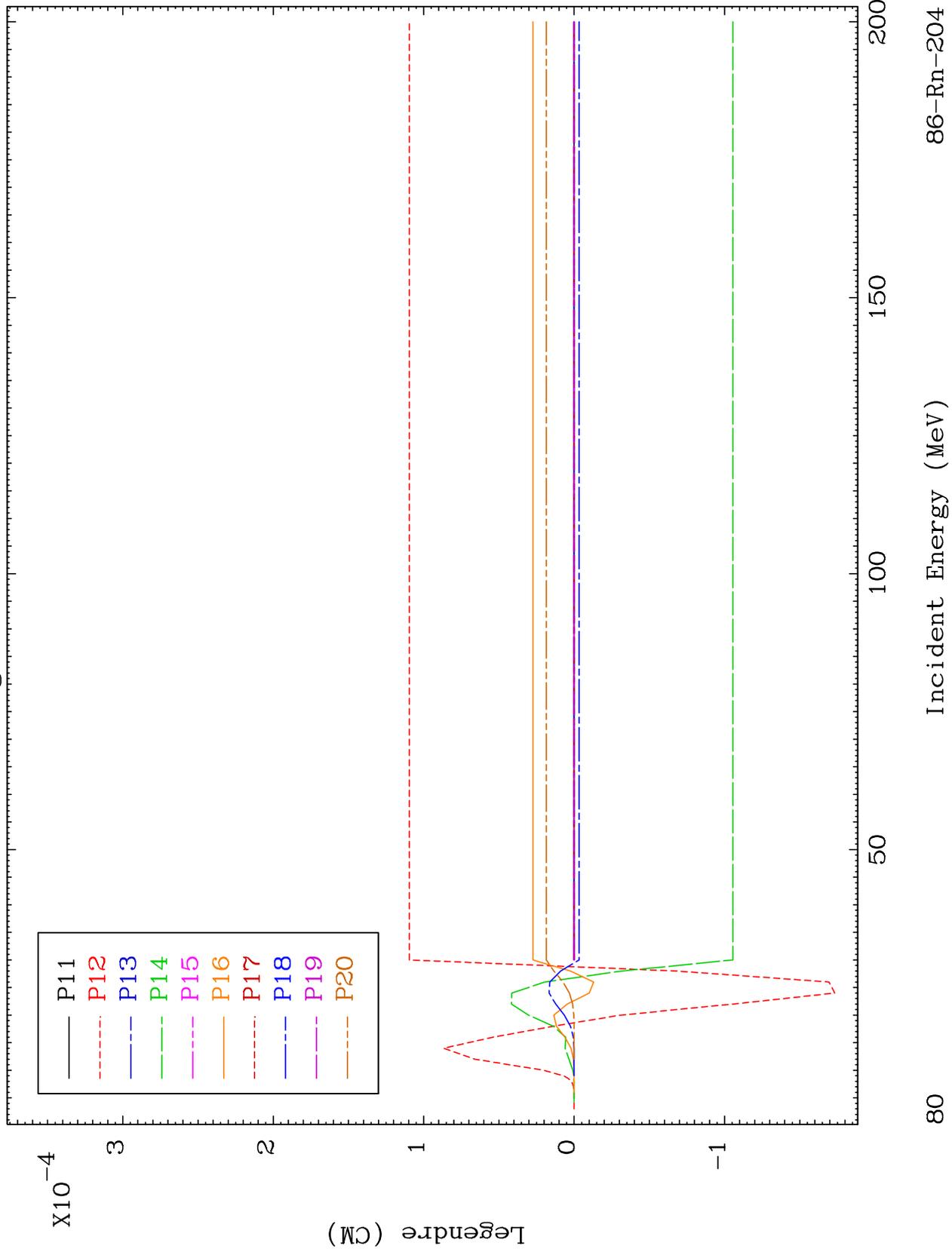
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

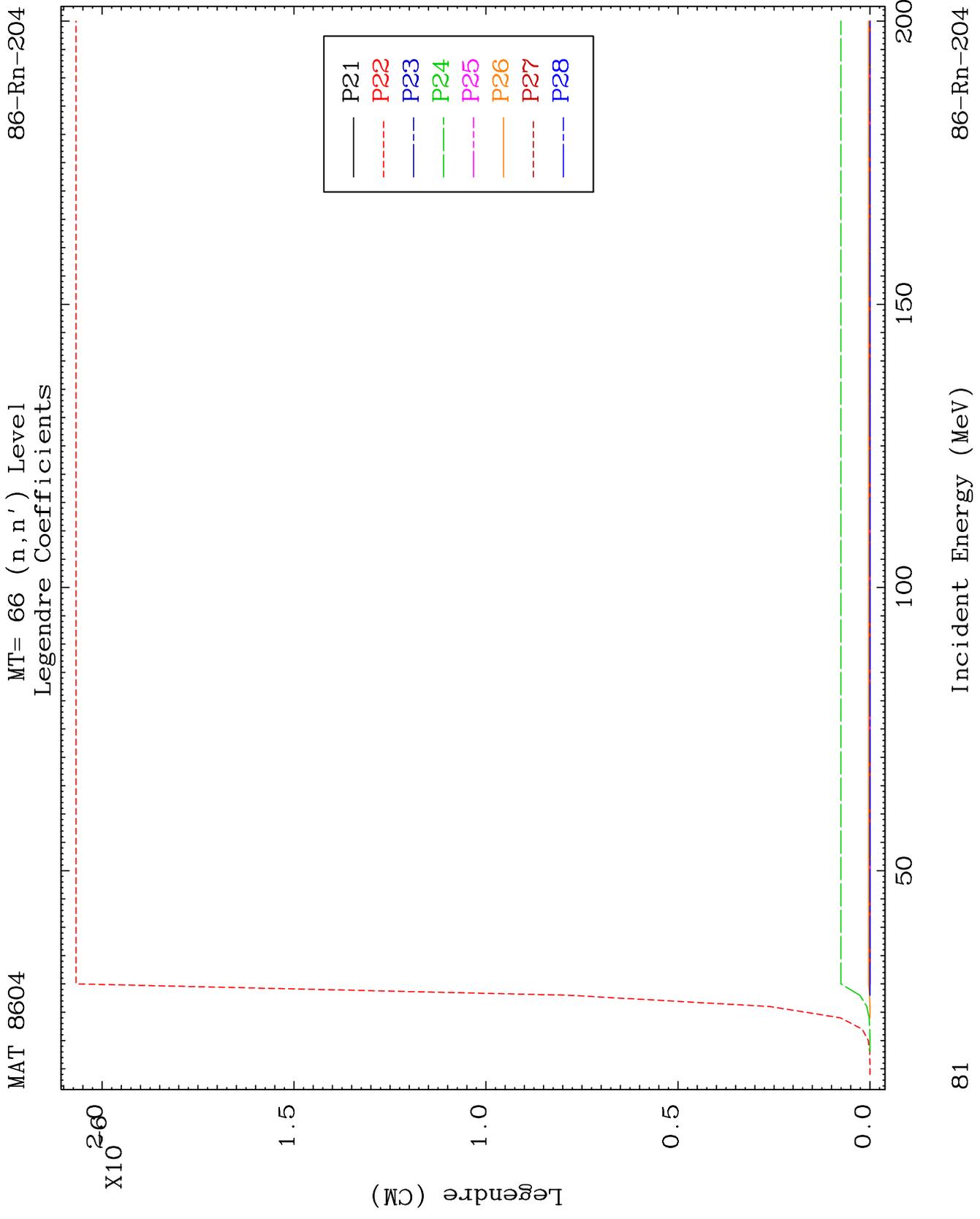
86-Rn-204



80

Incident Energy (MeV)

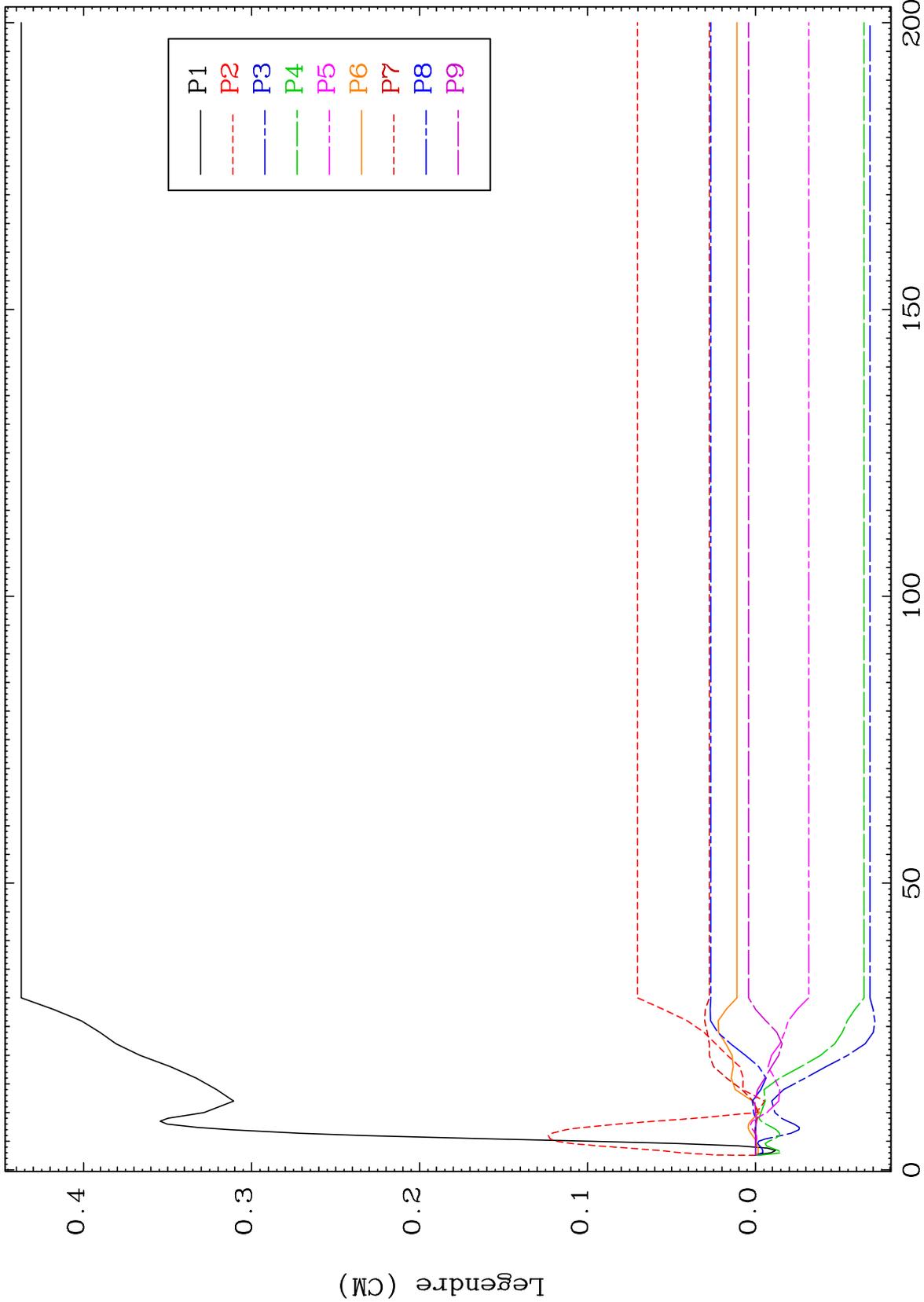
86-Rn-204



MAT 8604

MT= 67 (n,n') Level  
Legendre Coefficients

86-Rn-204



82

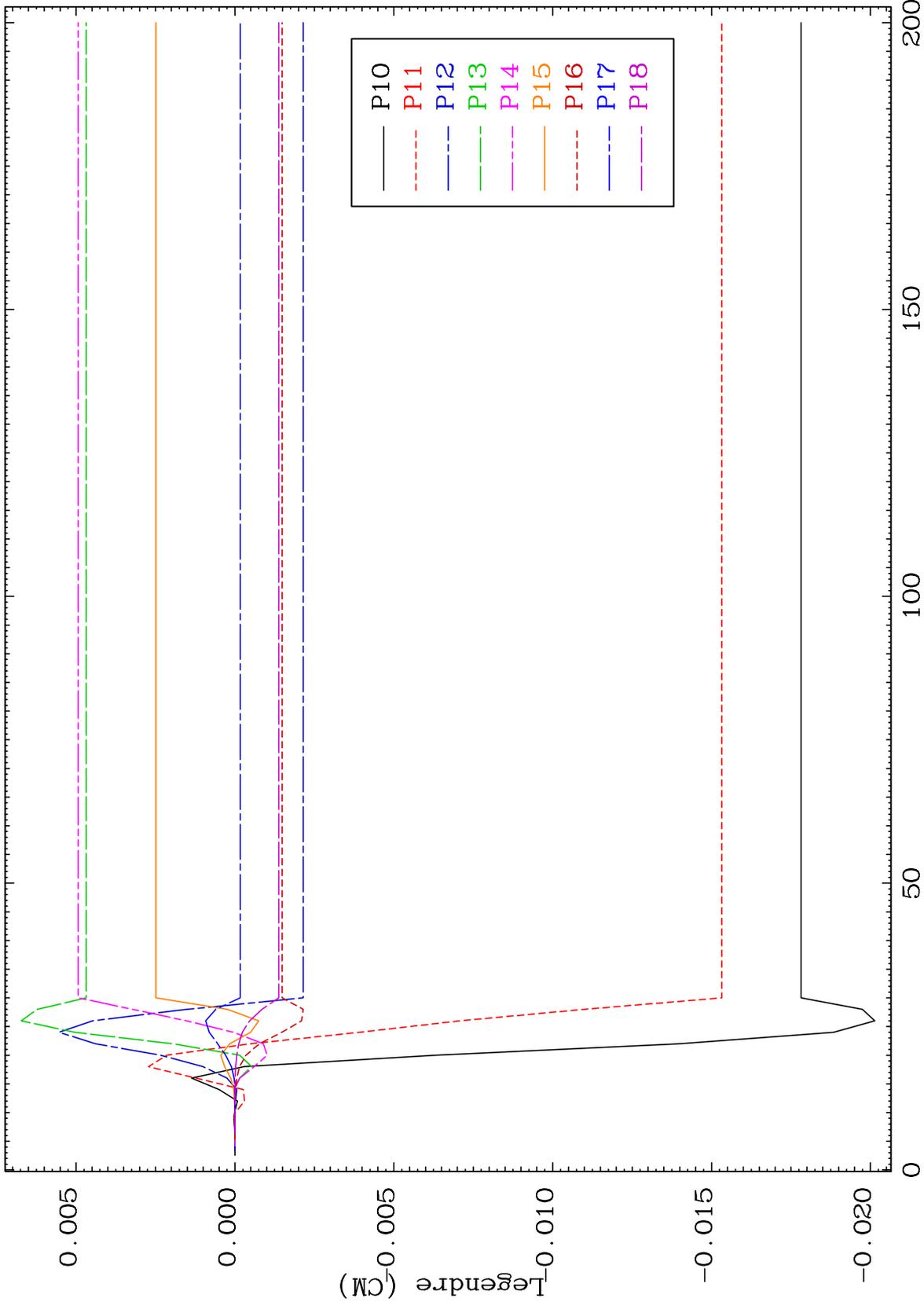
Incident Energy (MeV)

86-Rn-204

MAT 8604

MT= 67 (n,n') Level  
Legendre Coefficients

86-Rn-204



83

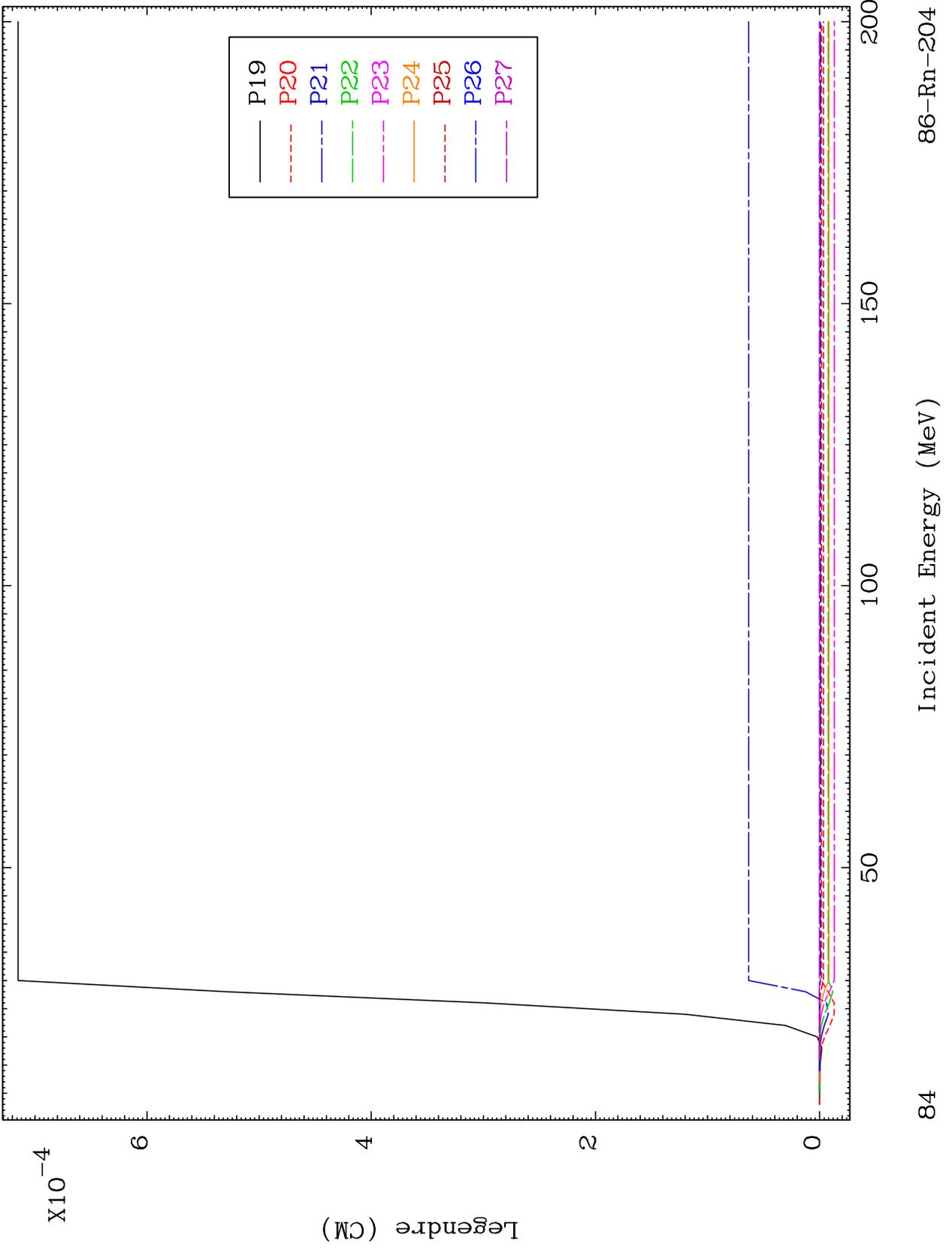
Incident Energy (MeV)

86-Rn-204

MAT 8604

MT= 67 (n,n') Level  
Legendre Coefficients

86-Rn-204

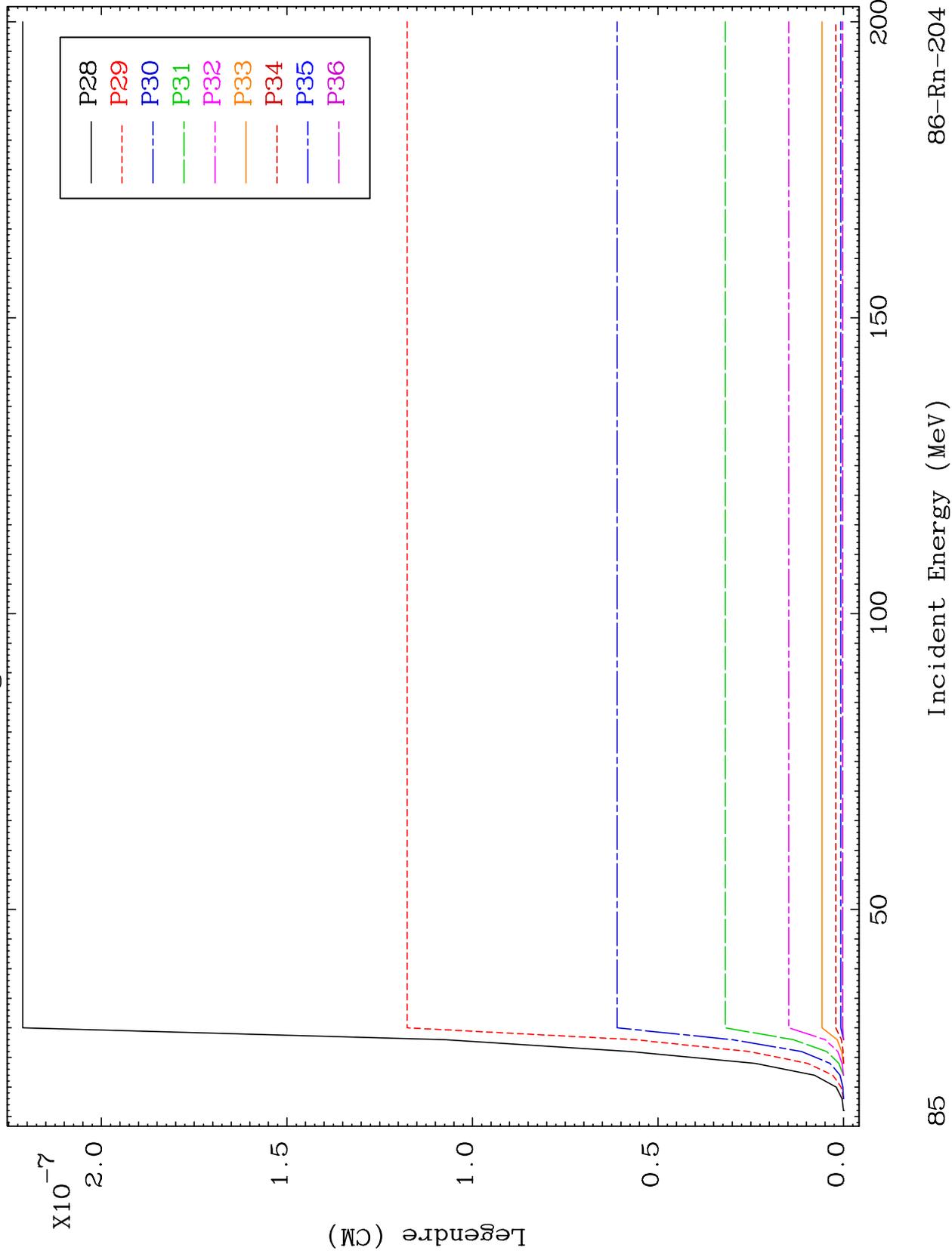


84

MAT 8604

MT= 67 (n,n') Level  
Legendre Coefficients

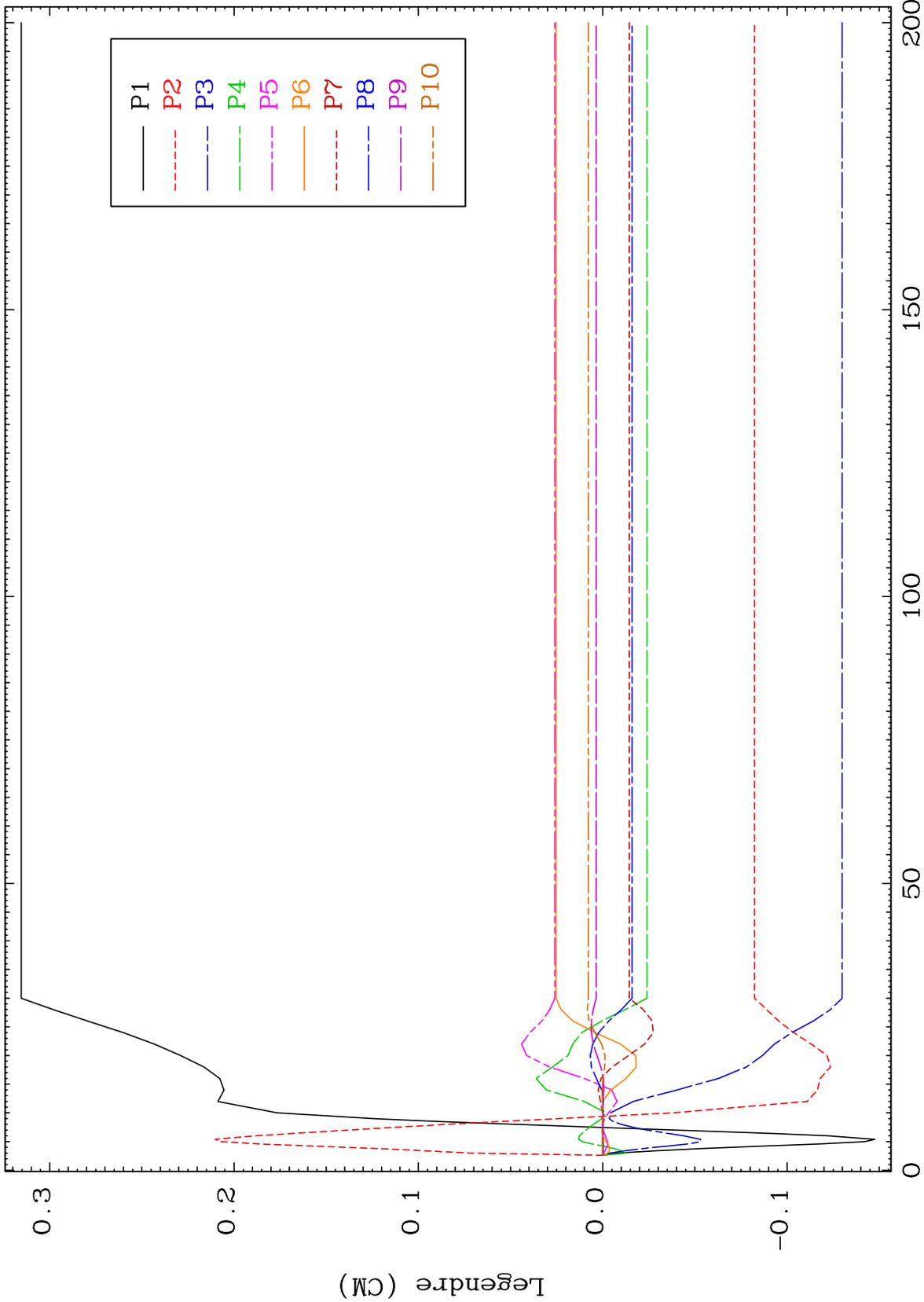
86-Rn-204



MAT 8604

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

86-Rn-204



86

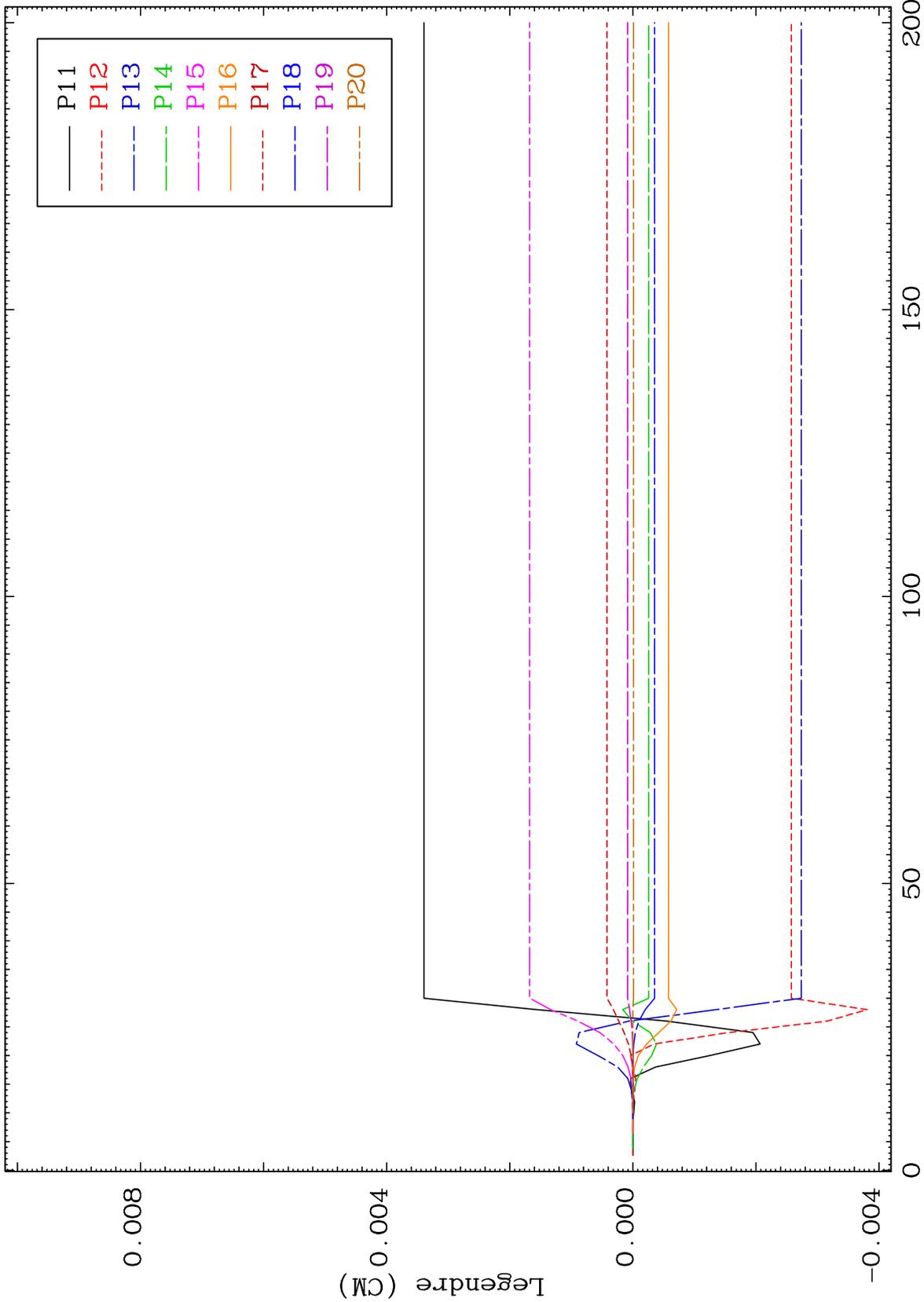
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



87

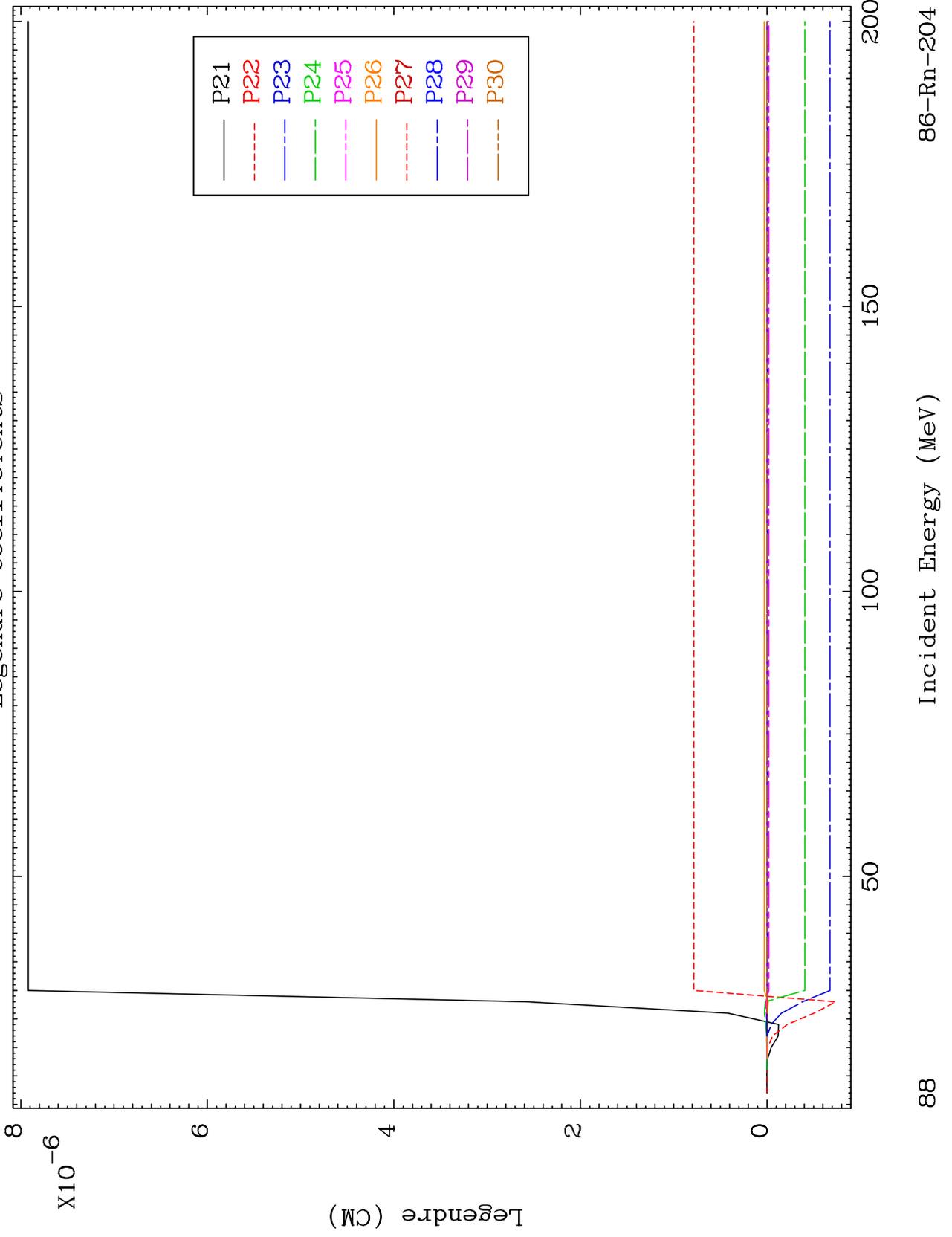
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

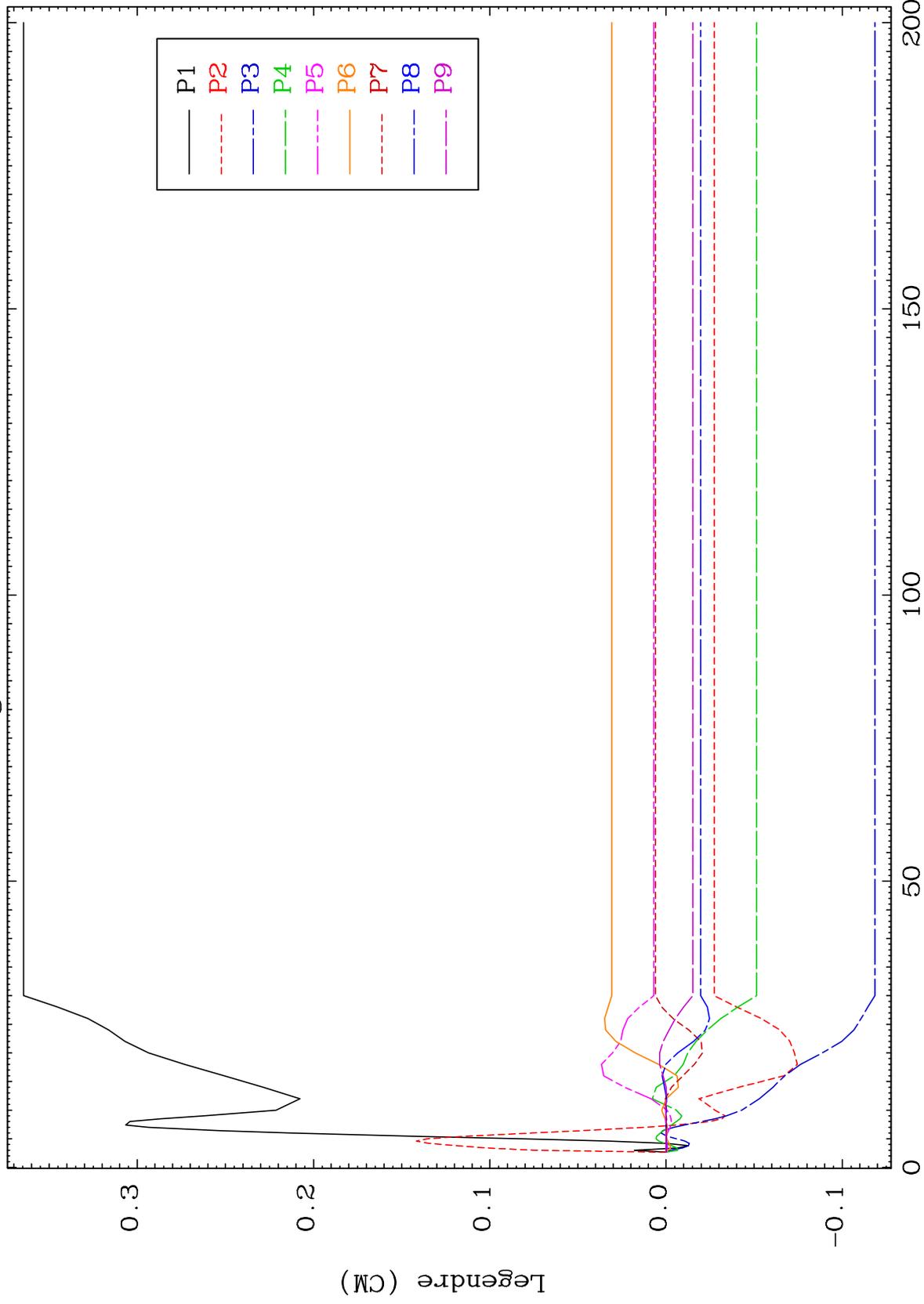
86-Rn-204



MAT 8604

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

86-Rn-204



89

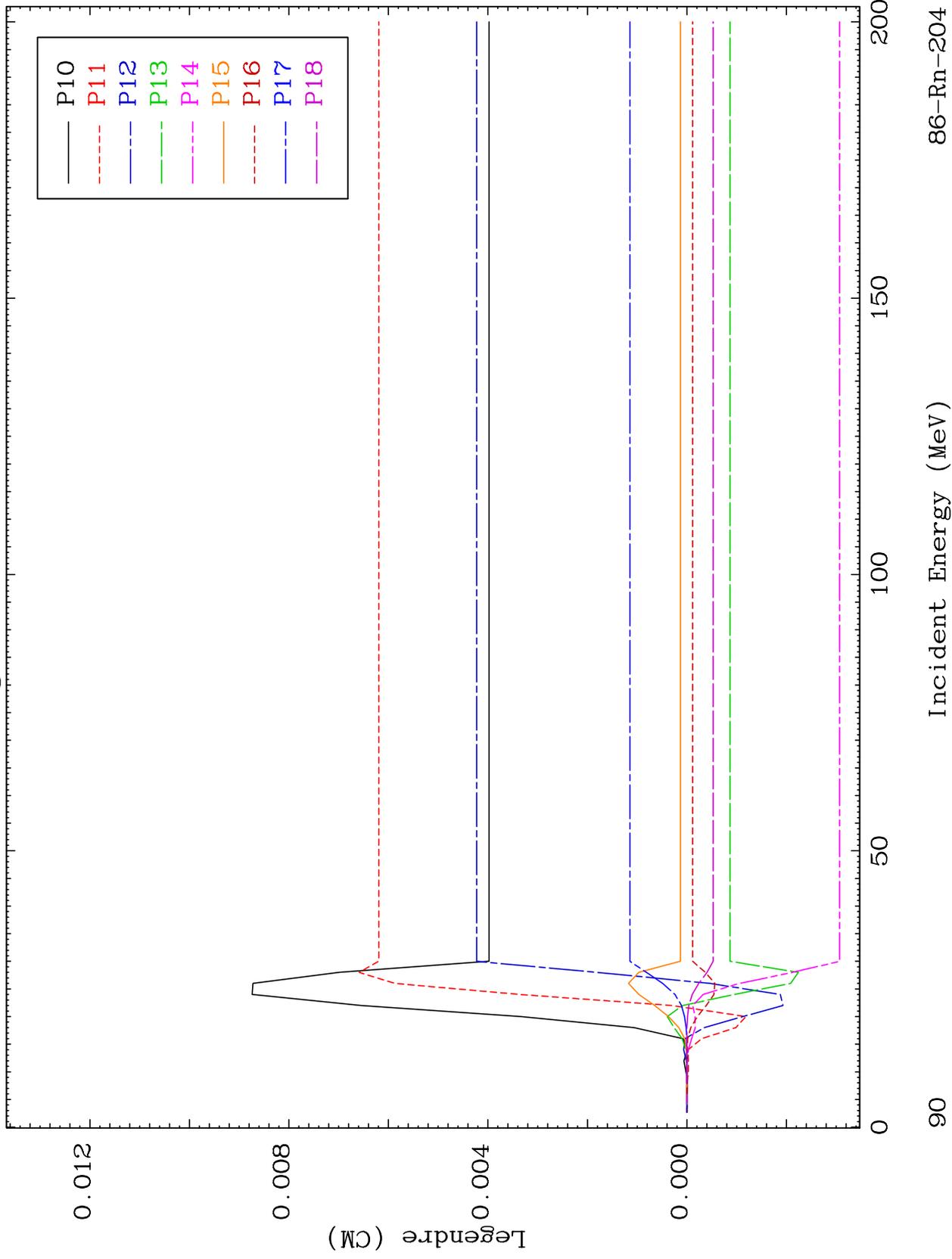
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

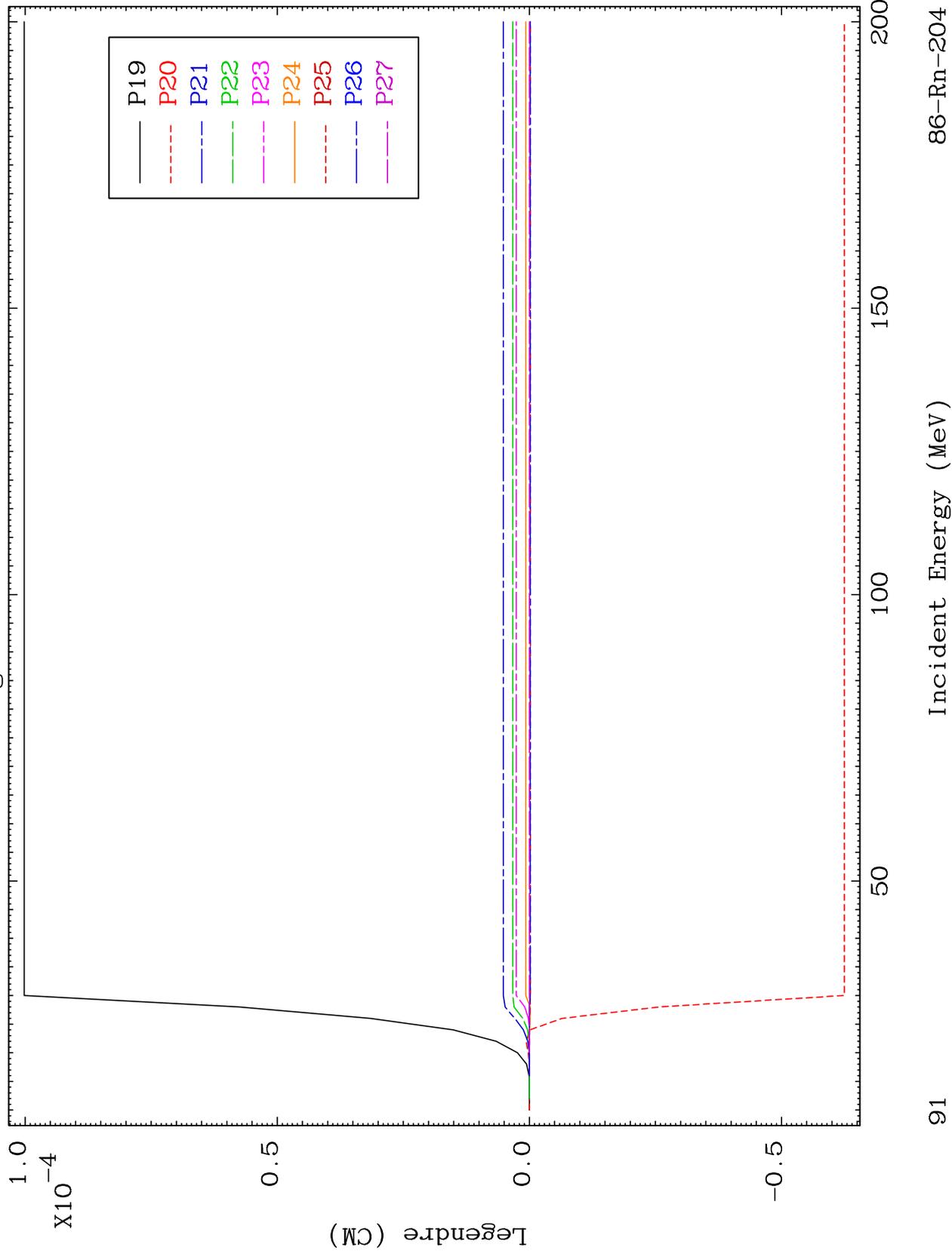
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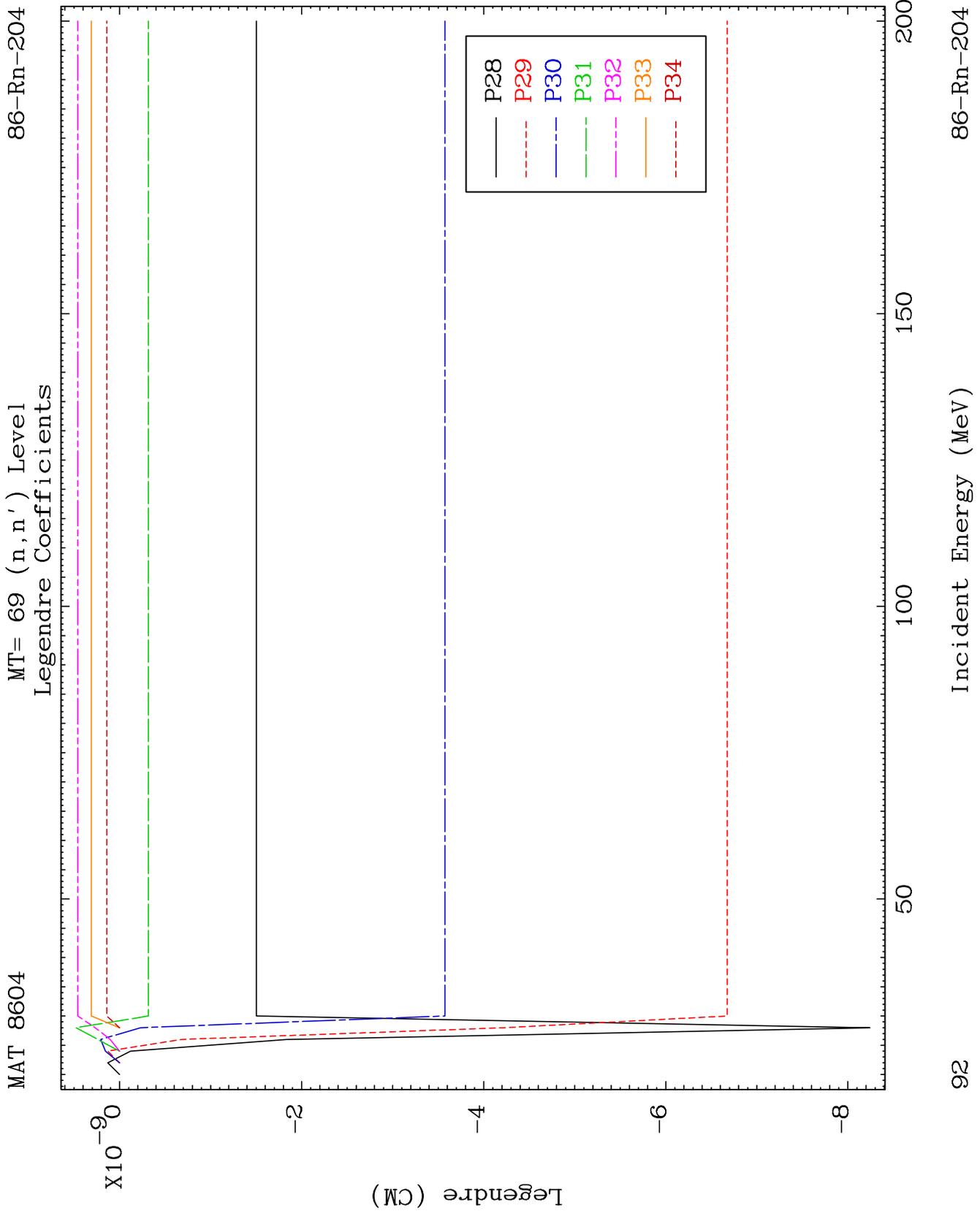


86-Rn-204

Incident Energy (MeV)

90

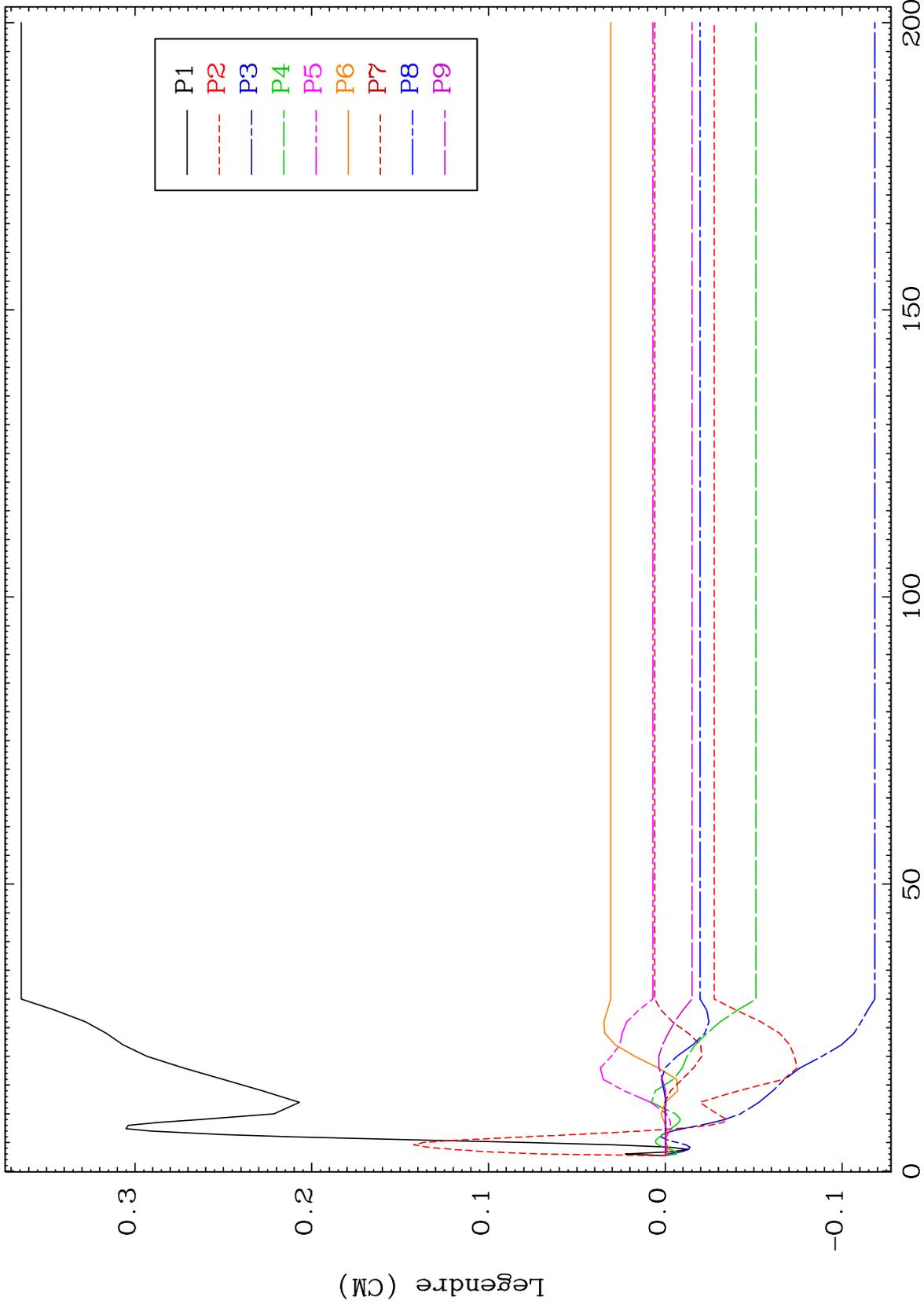




MAT 8604

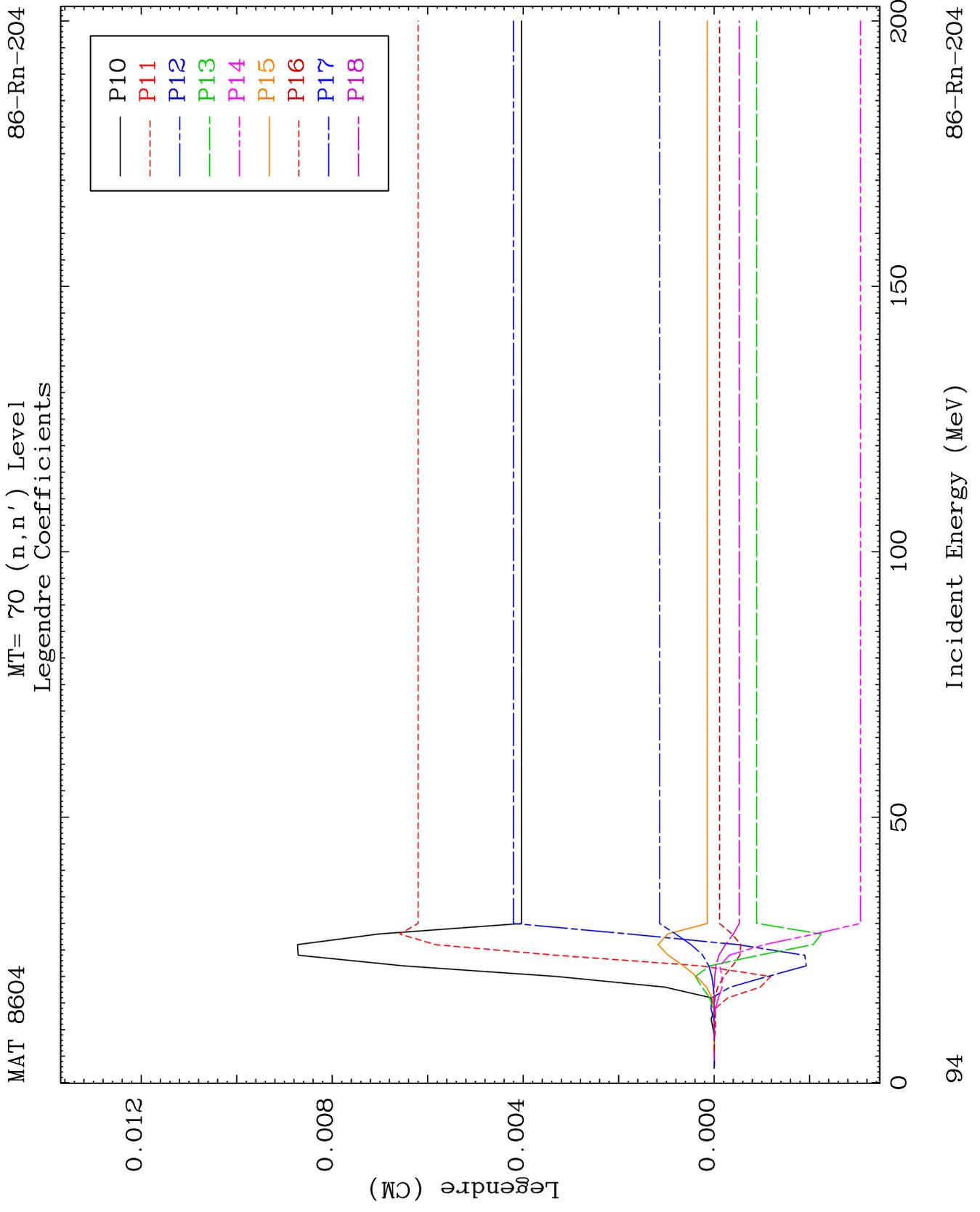
MT= 70 (n,n') Level  
Legendre Coefficients

86-Rn-204



93

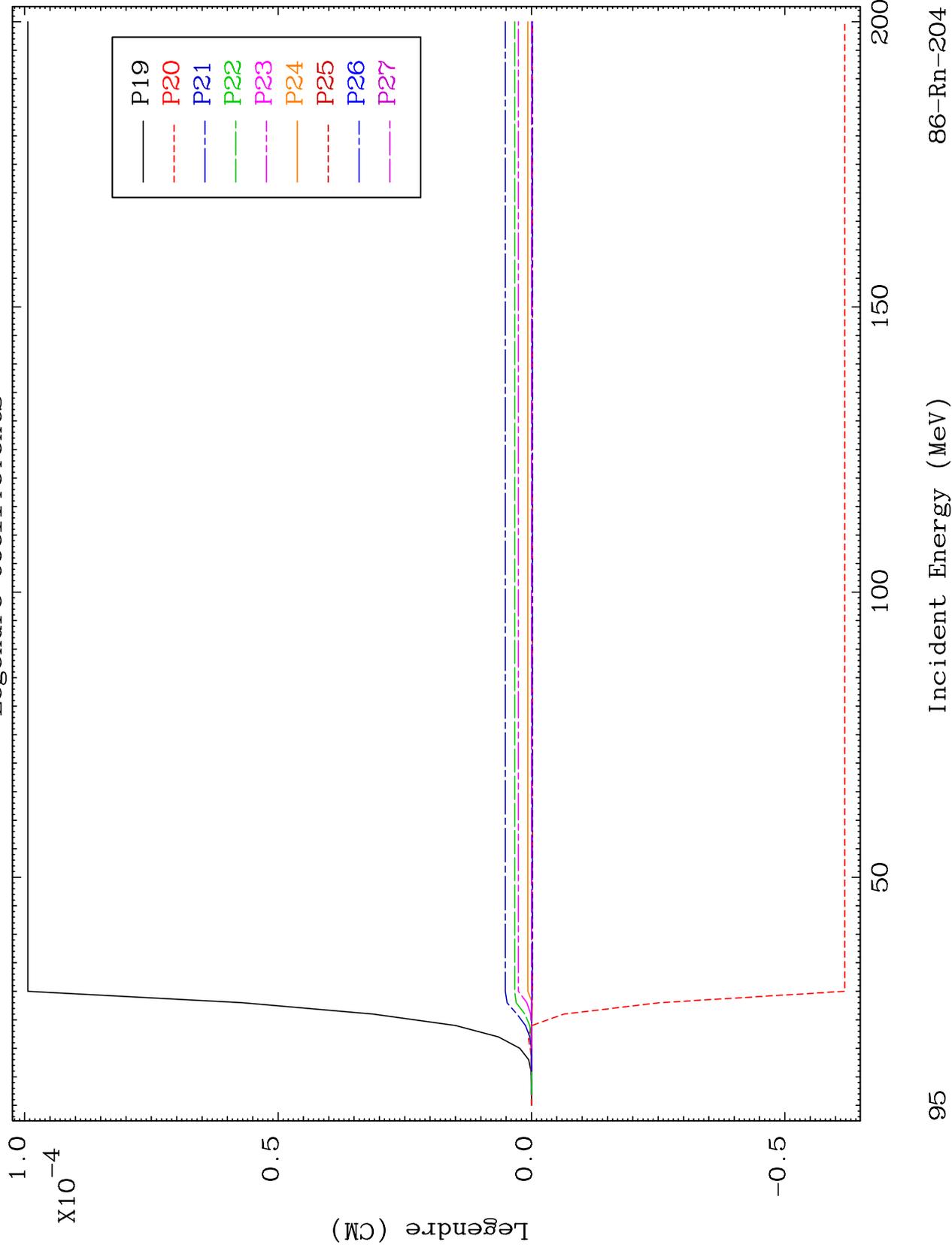
86-Rn-204



MAT 8604

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

86-Rn-204



95

Incident Energy (MeV)

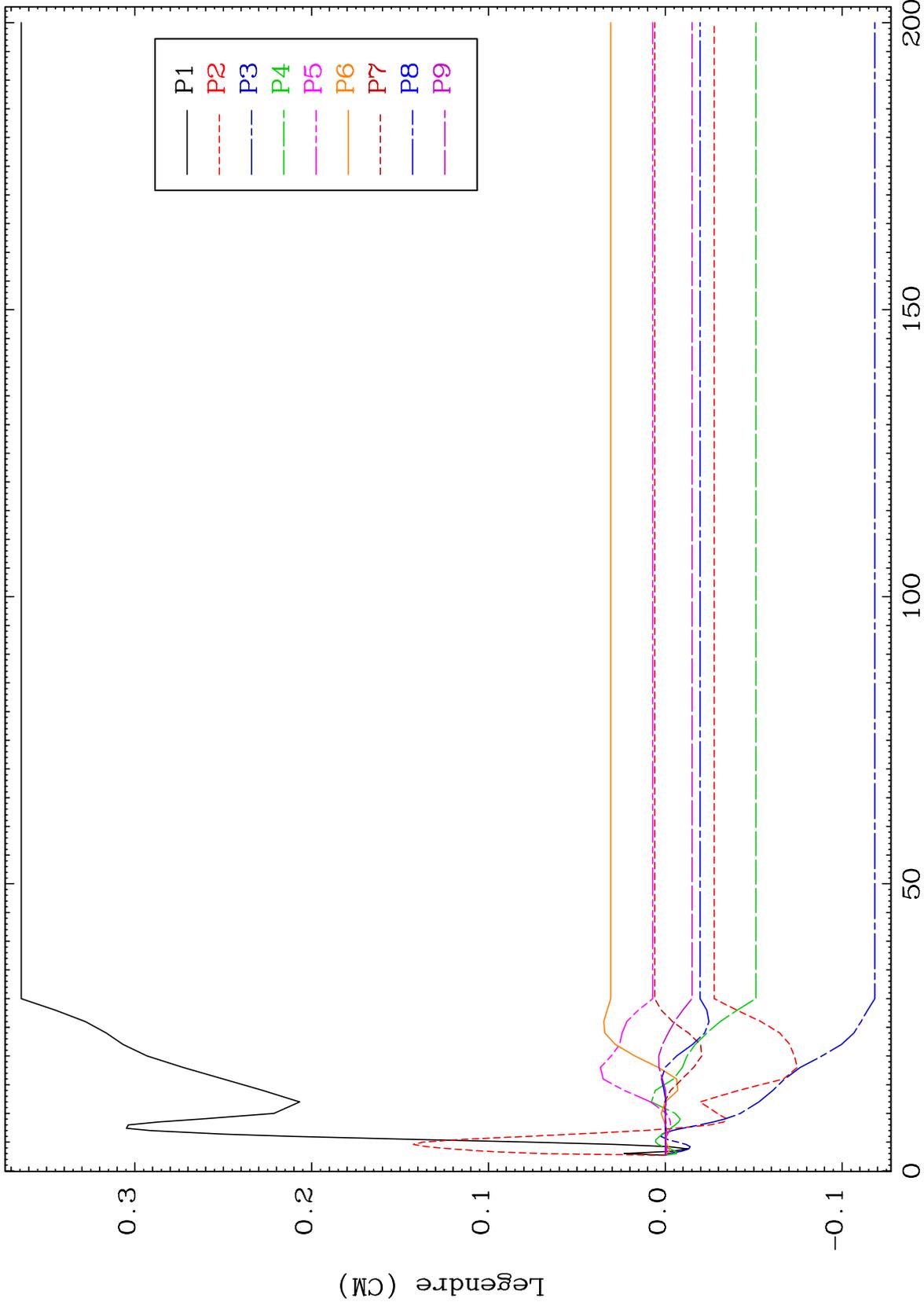
86-Rn-204



MAT 8604

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

86-Rn-204



97

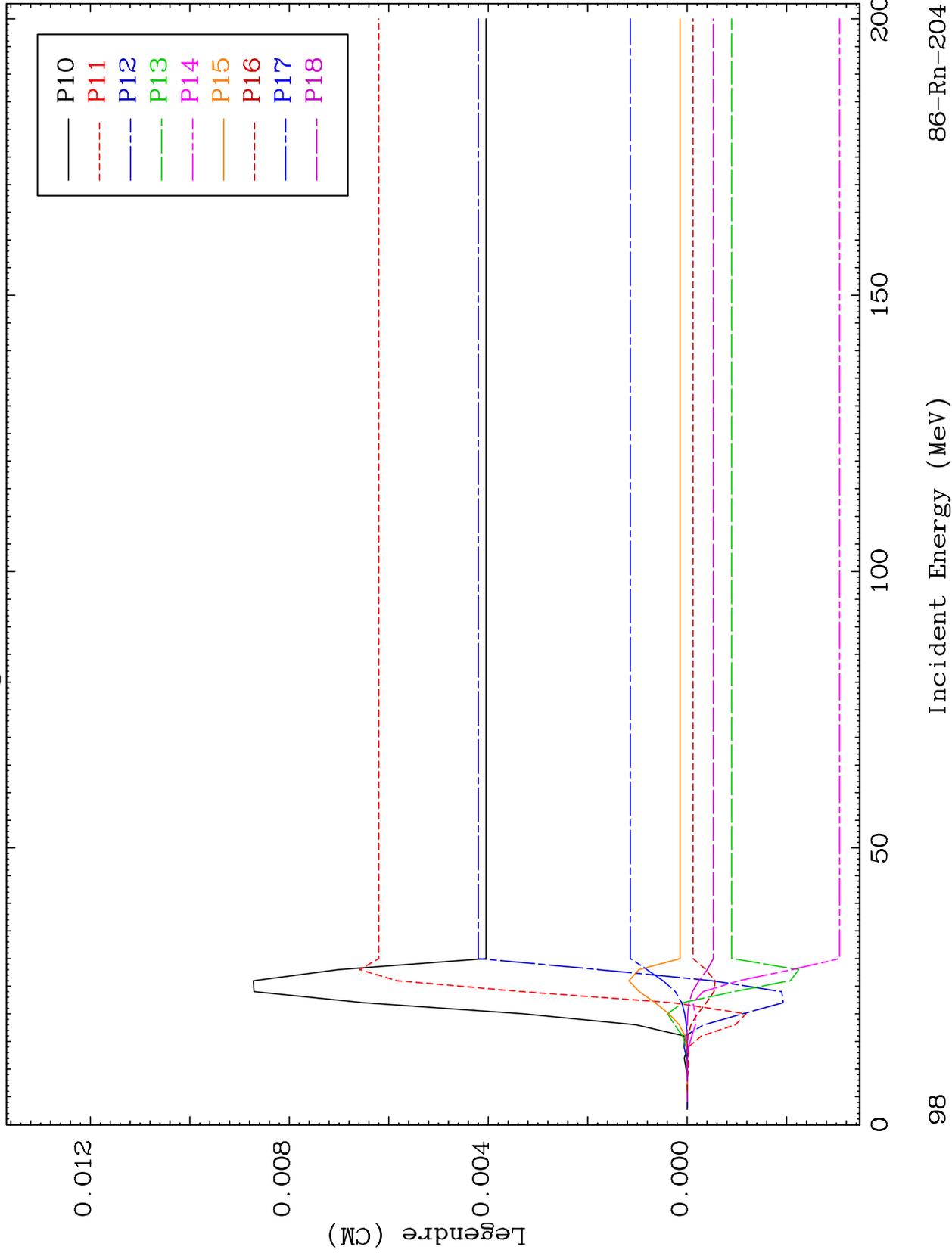
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

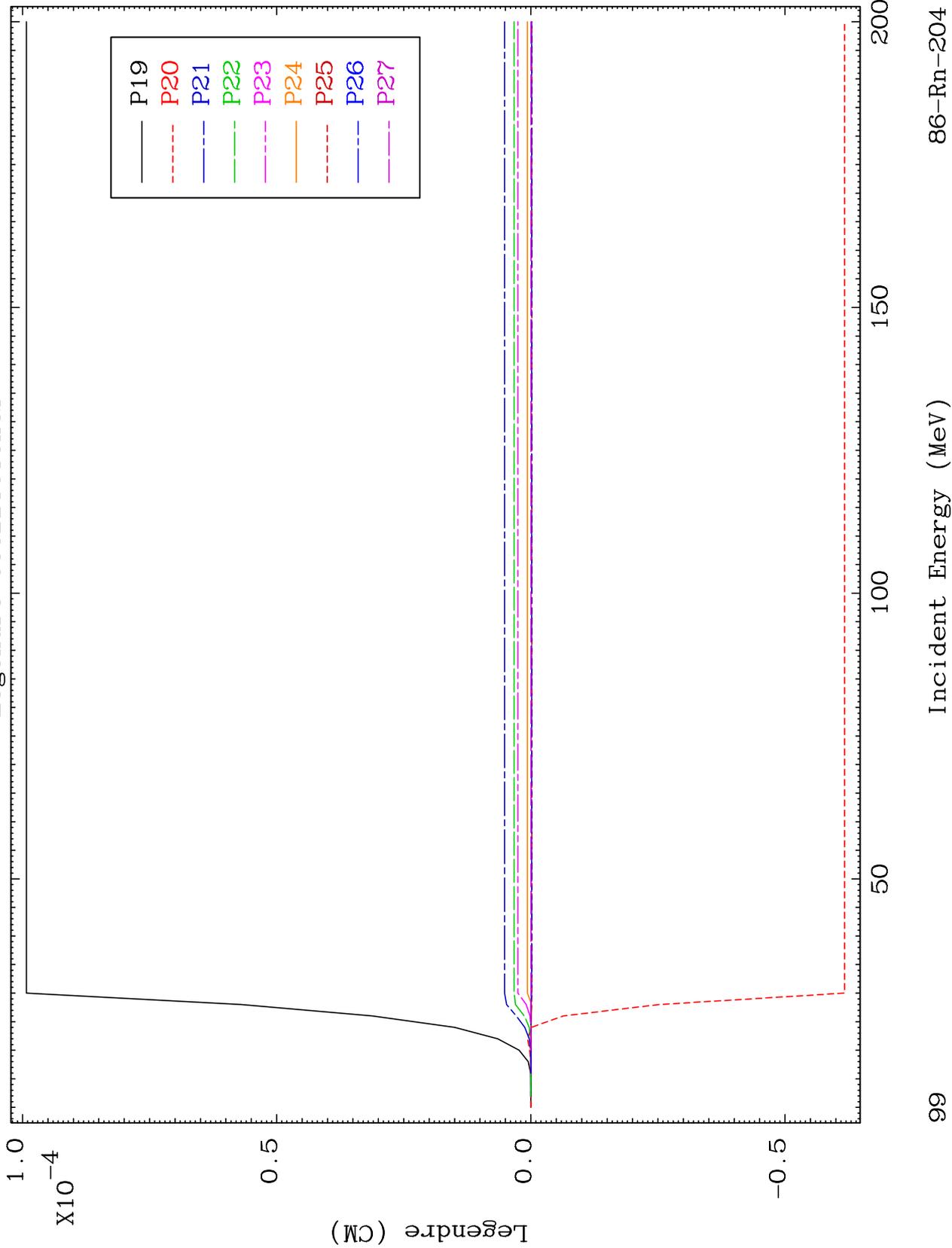
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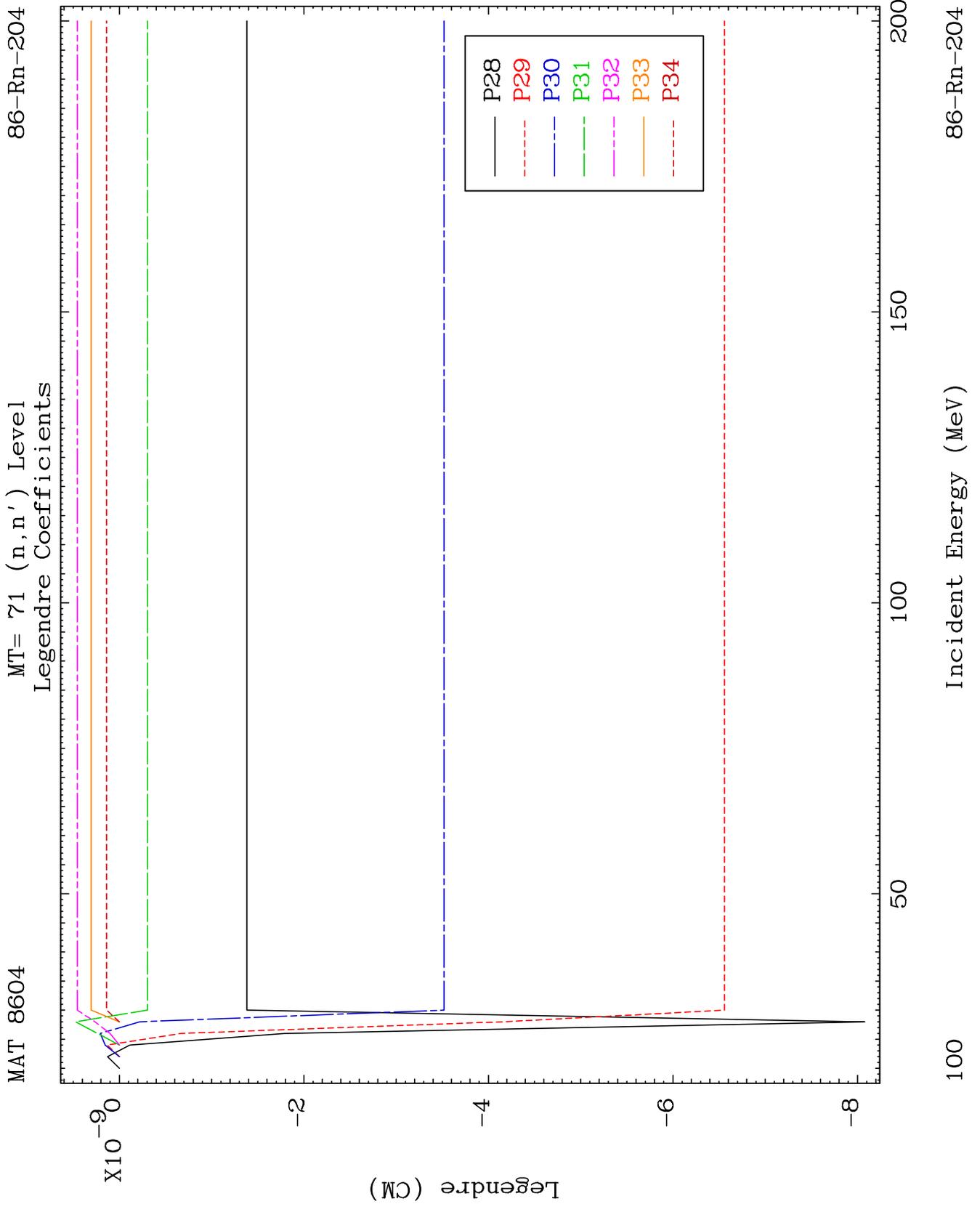


98

Incident Energy (MeV)

86-Rn-204

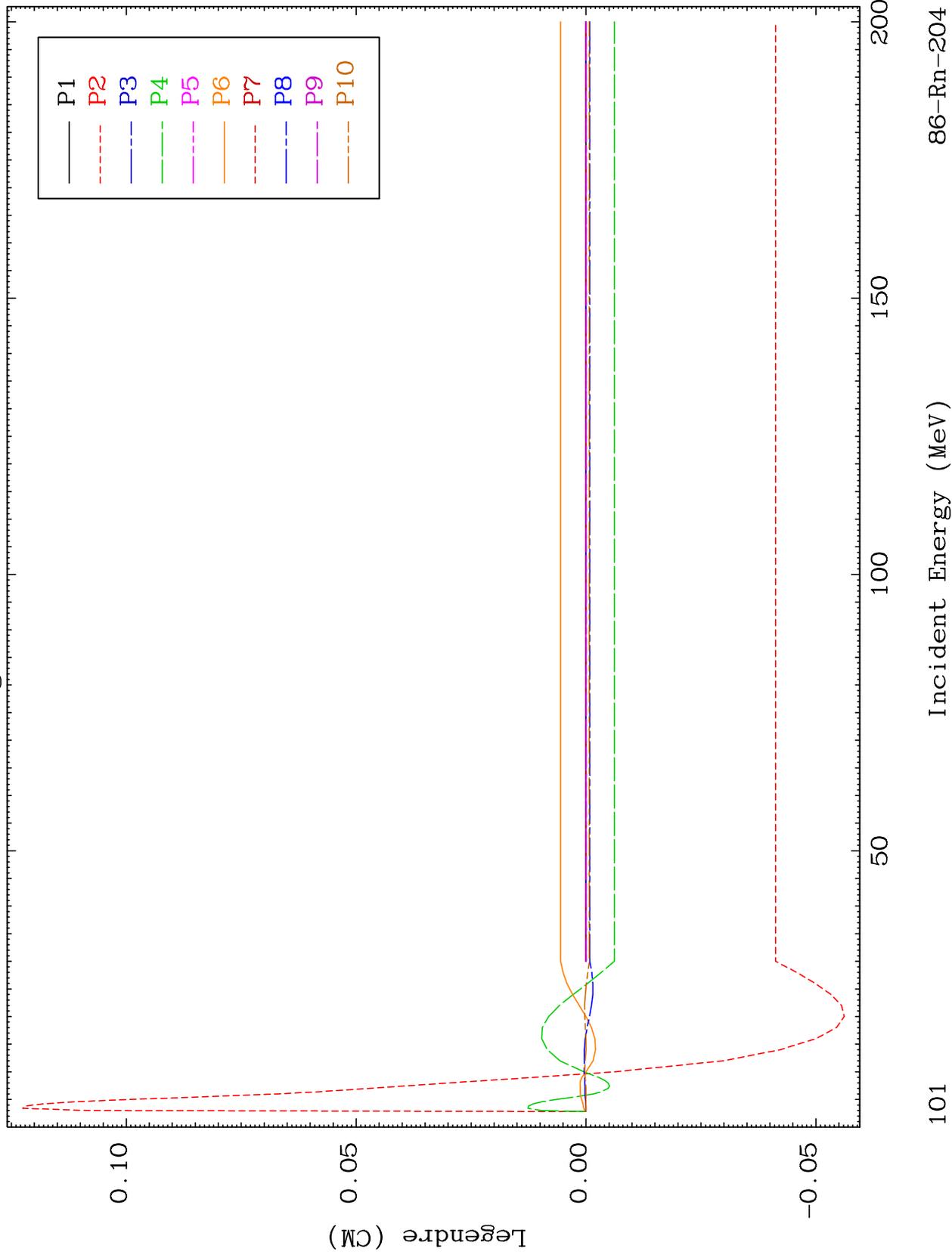




MAT 8604

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

86-Rn-204



101

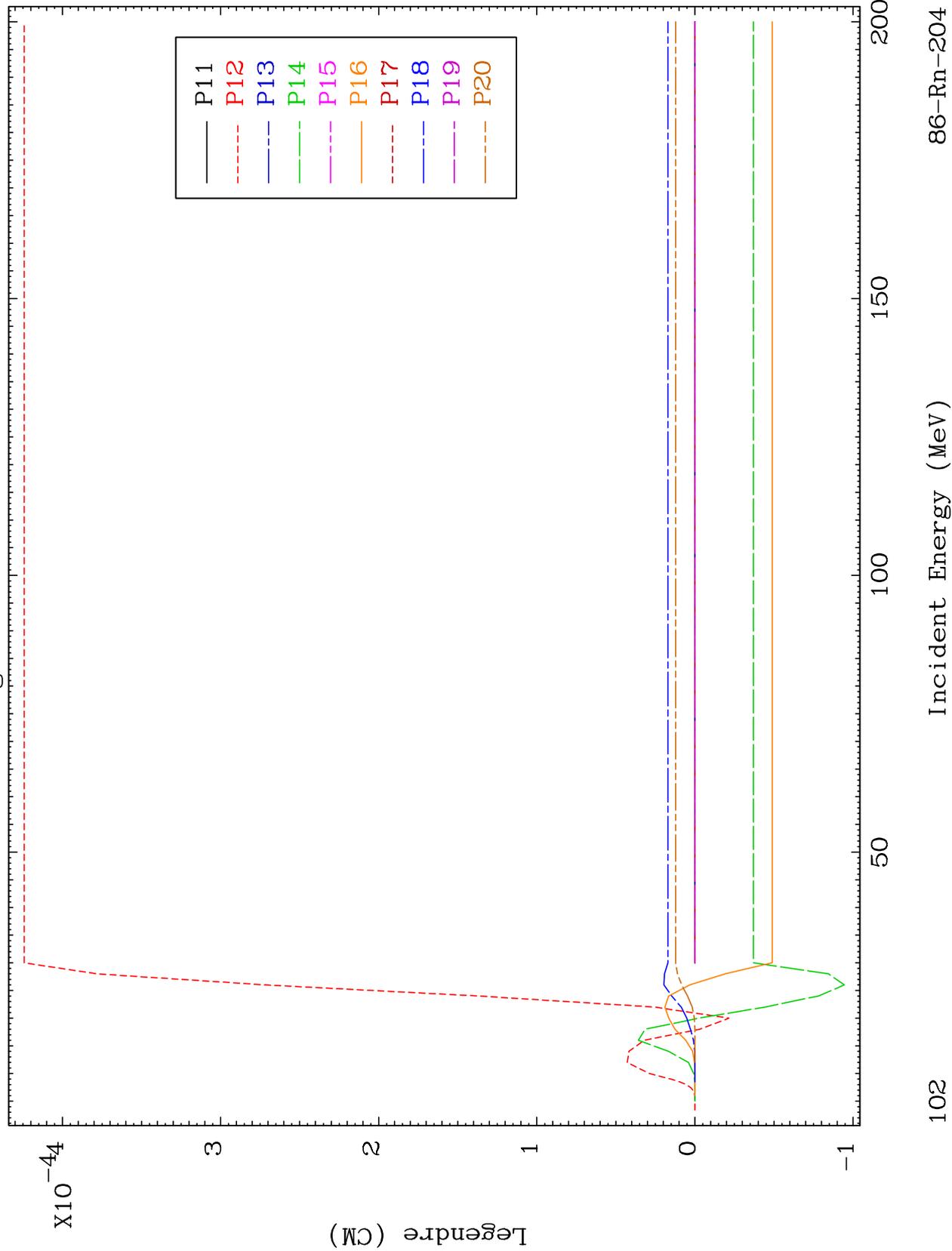
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



102

Incident Energy (MeV)

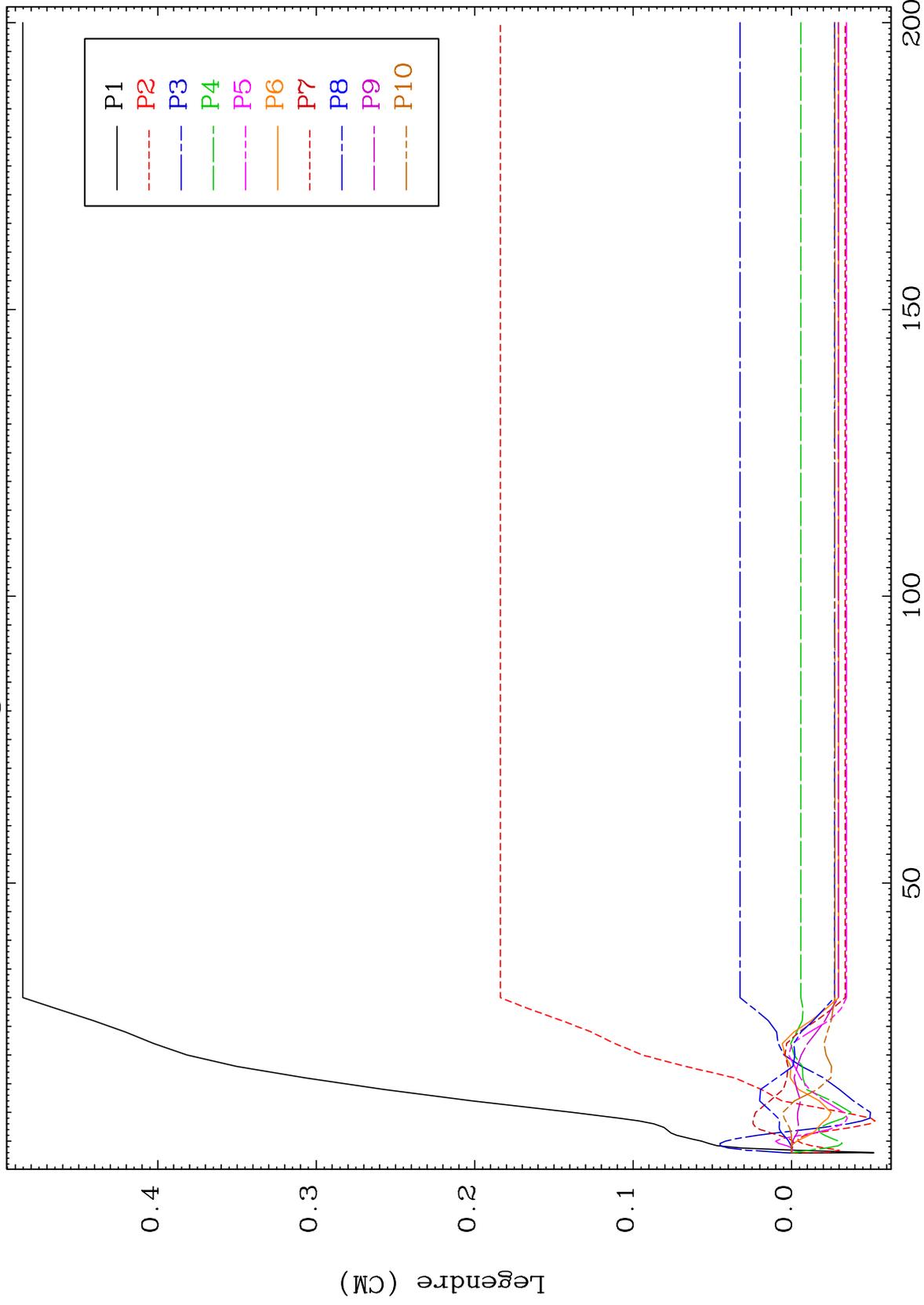
86-Rn-204



MAT 8604

86-Rn-204

MT= 73 (n,n') Level  
Legendre Coefficients



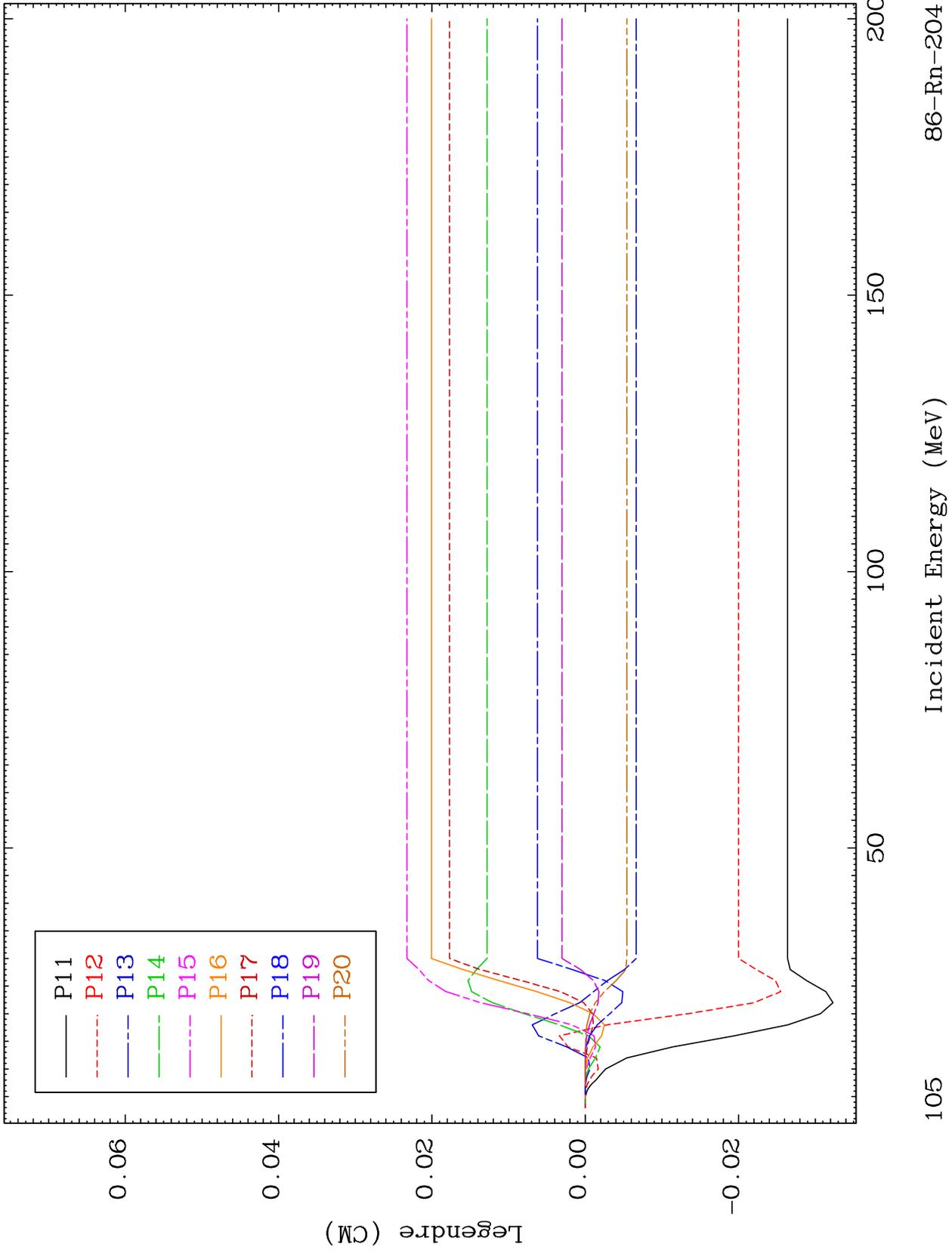
104

86-Rn-204

MAT 8604

MT= 73 (n,n') Level  
Legendre Coefficients

86-Rn-204



105

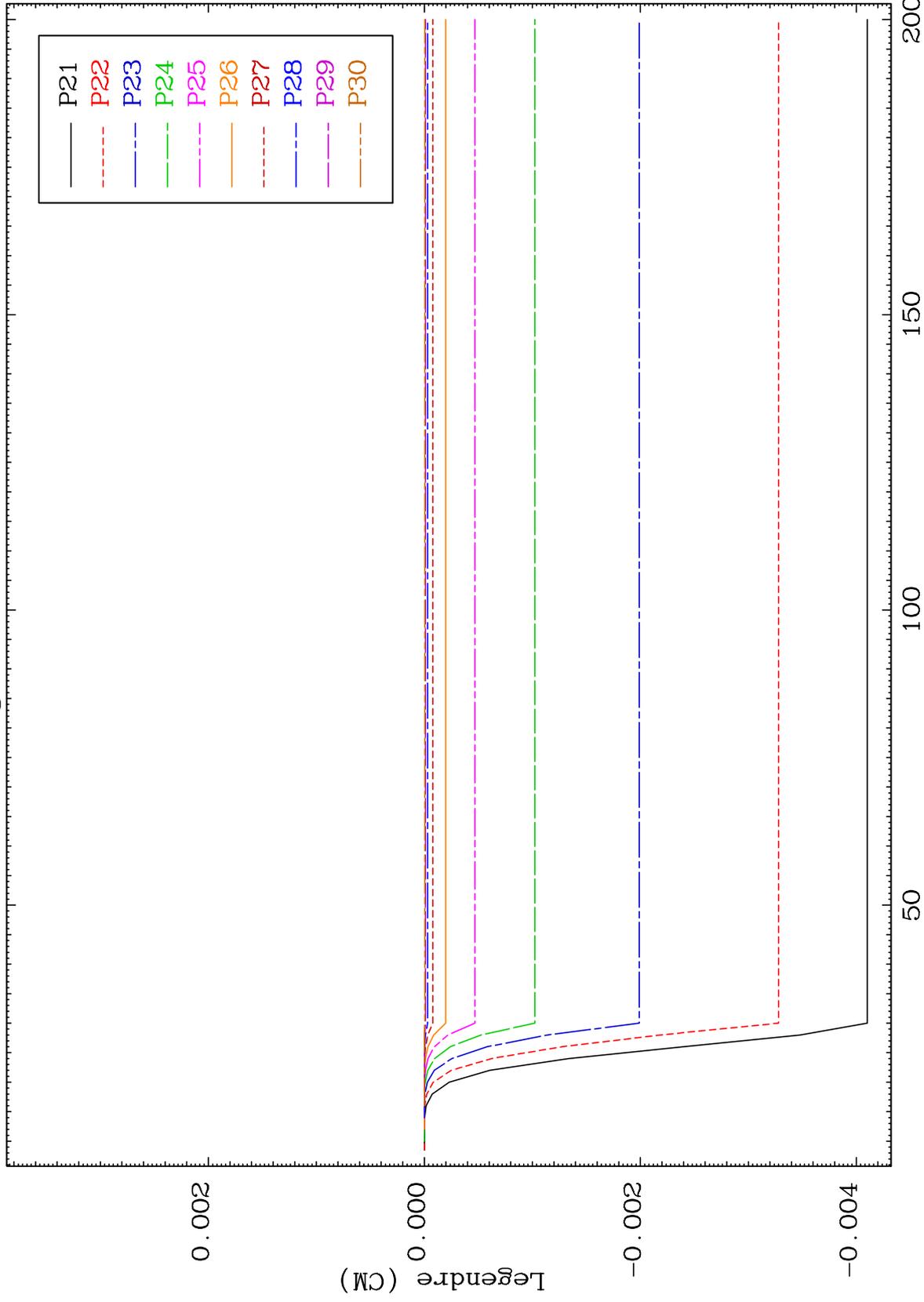
Incident Energy (MeV)

86-Rn-204

MAT 8604

MT= 73 (n,n') Level  
Legendre Coefficients

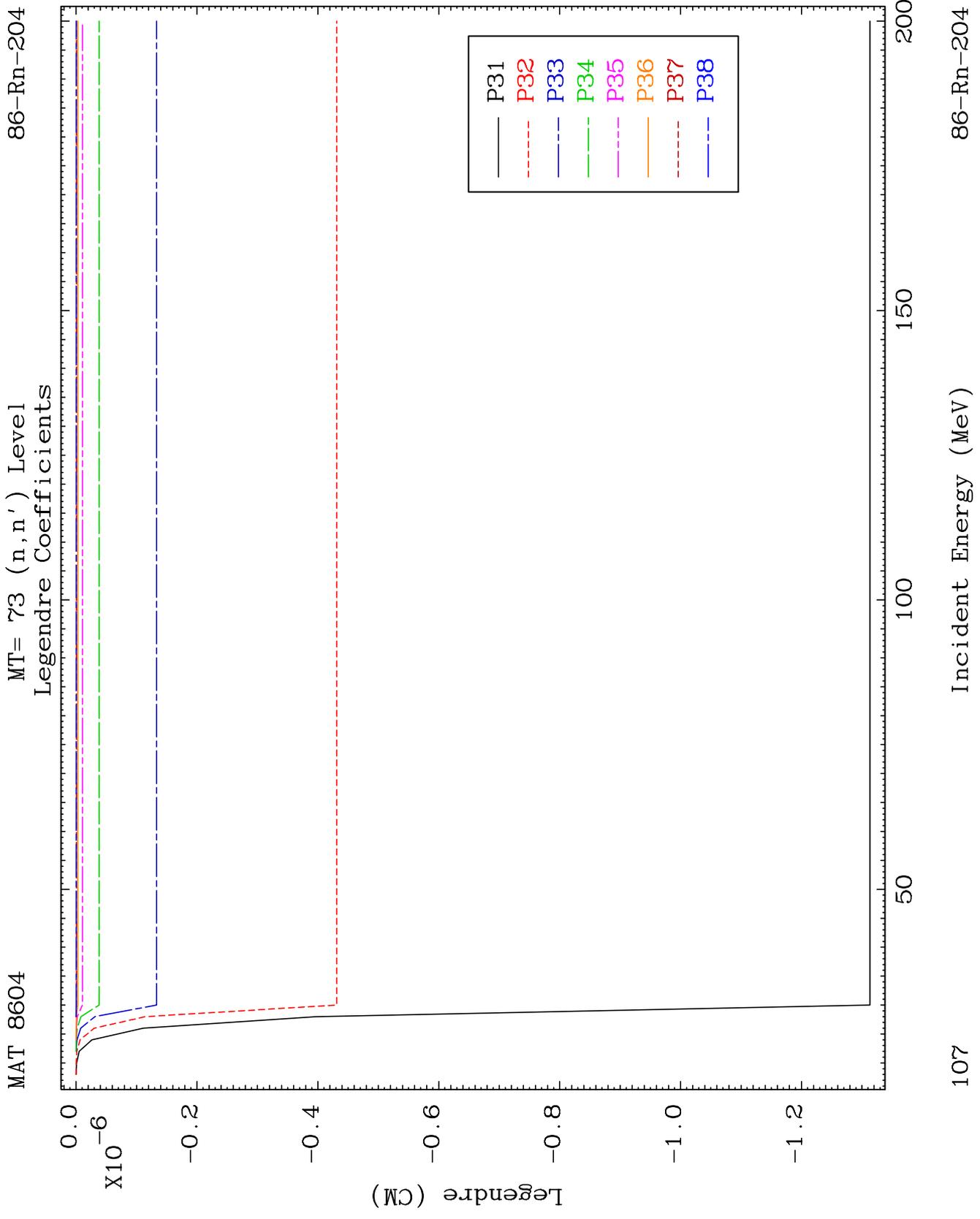
86-Rn-204



106

Incident Energy (MeV)

86-Rn-204

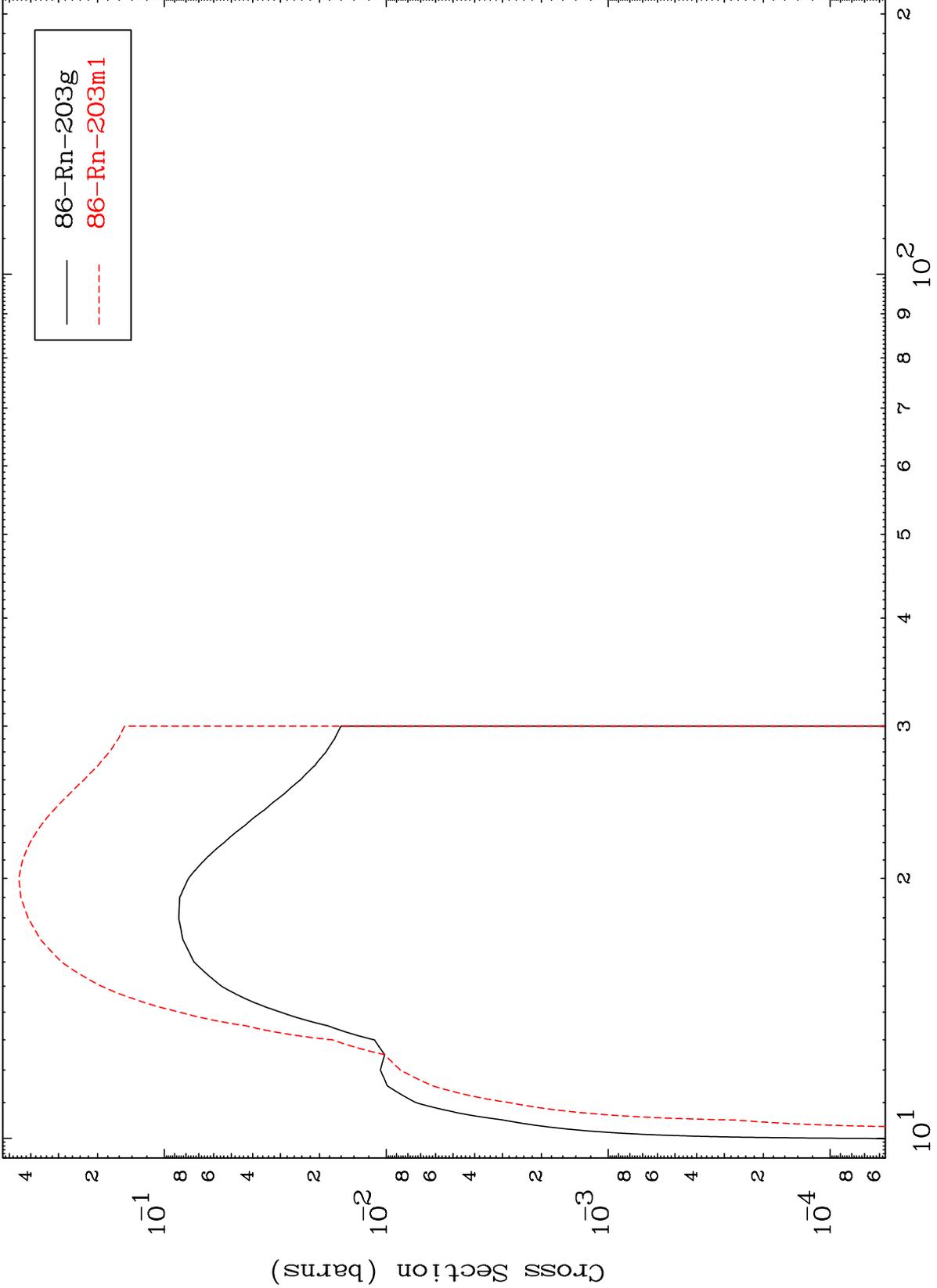


MAT 8604

(n,2n)

86-Rn-204

Radionuclide Production Cross Section



86-Rn-204

Incident Energy (MeV)

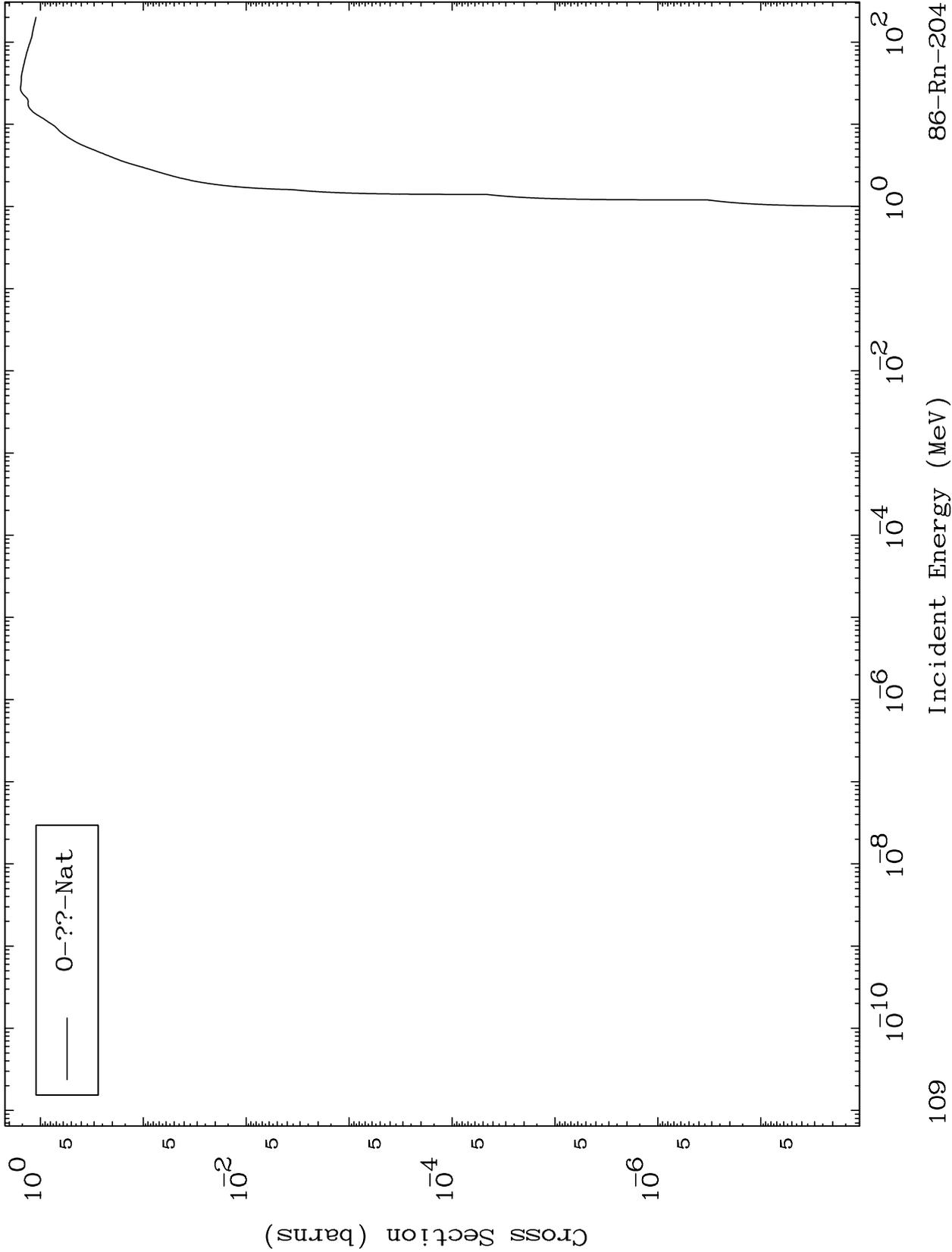
108

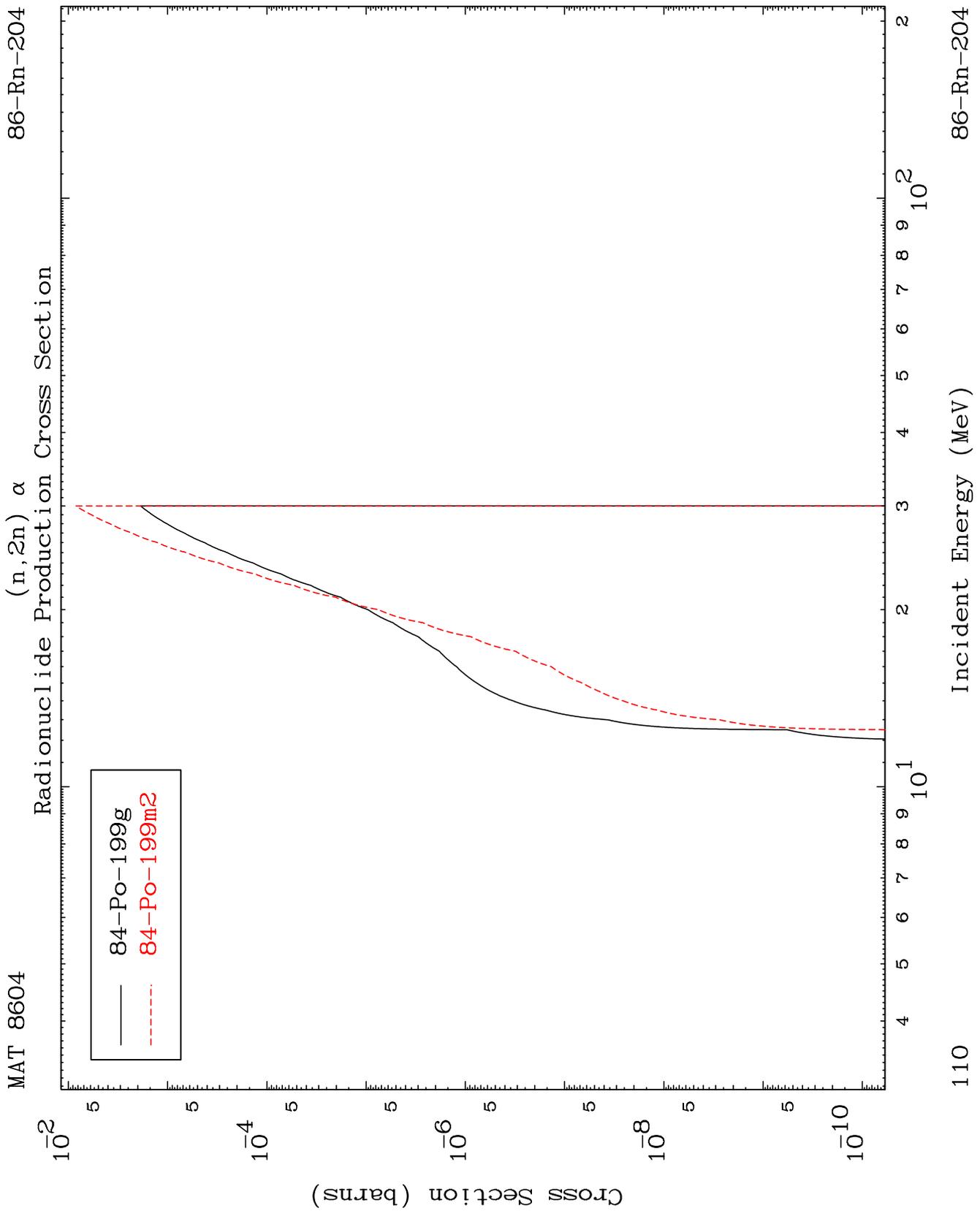
MAT 8604

Fission

86-Rn-204

Radionuclide Production Cross Section



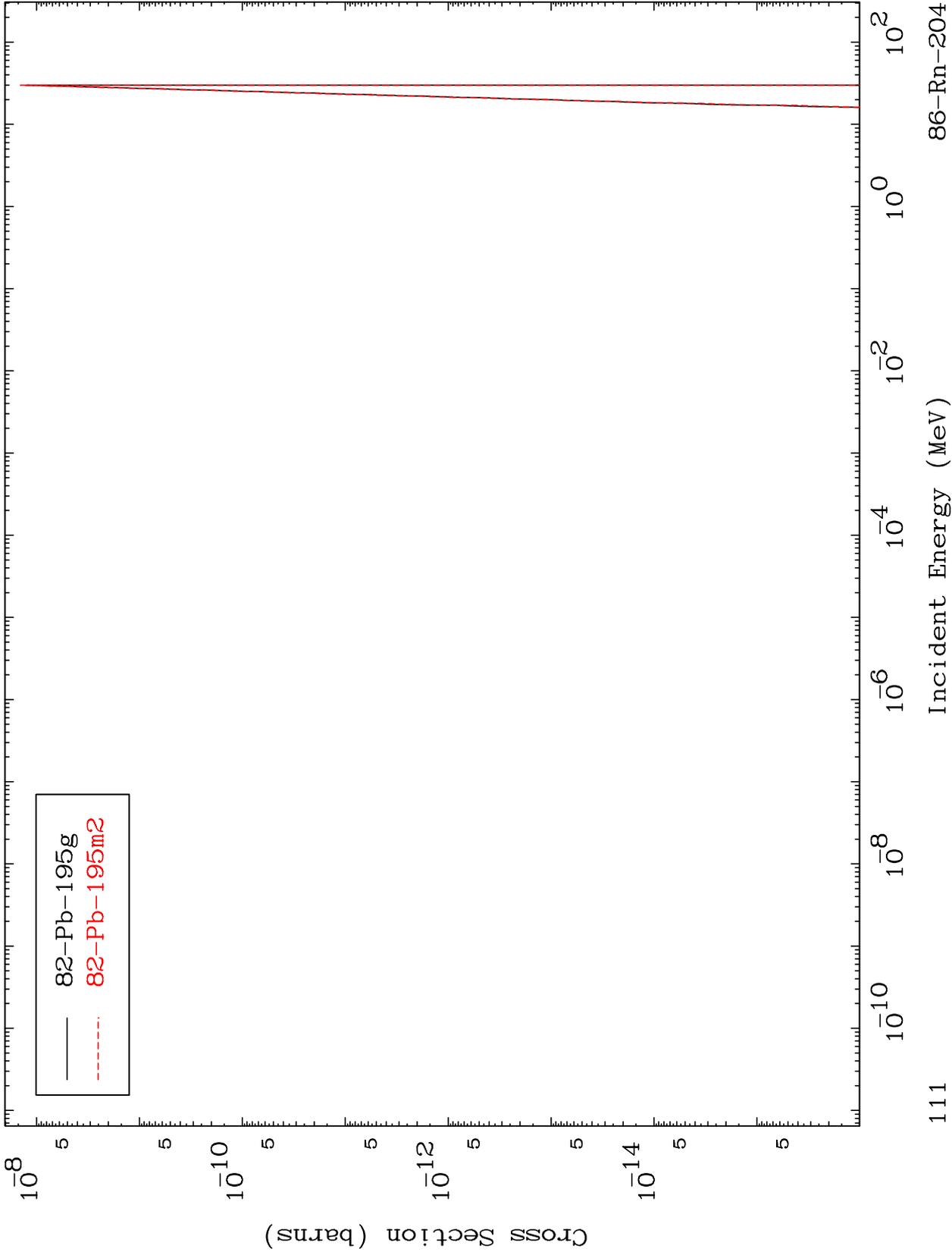


MAT 8604

(n,2n) 2 $\alpha$

86-Rn-204

Radionuclide Production Cross Section

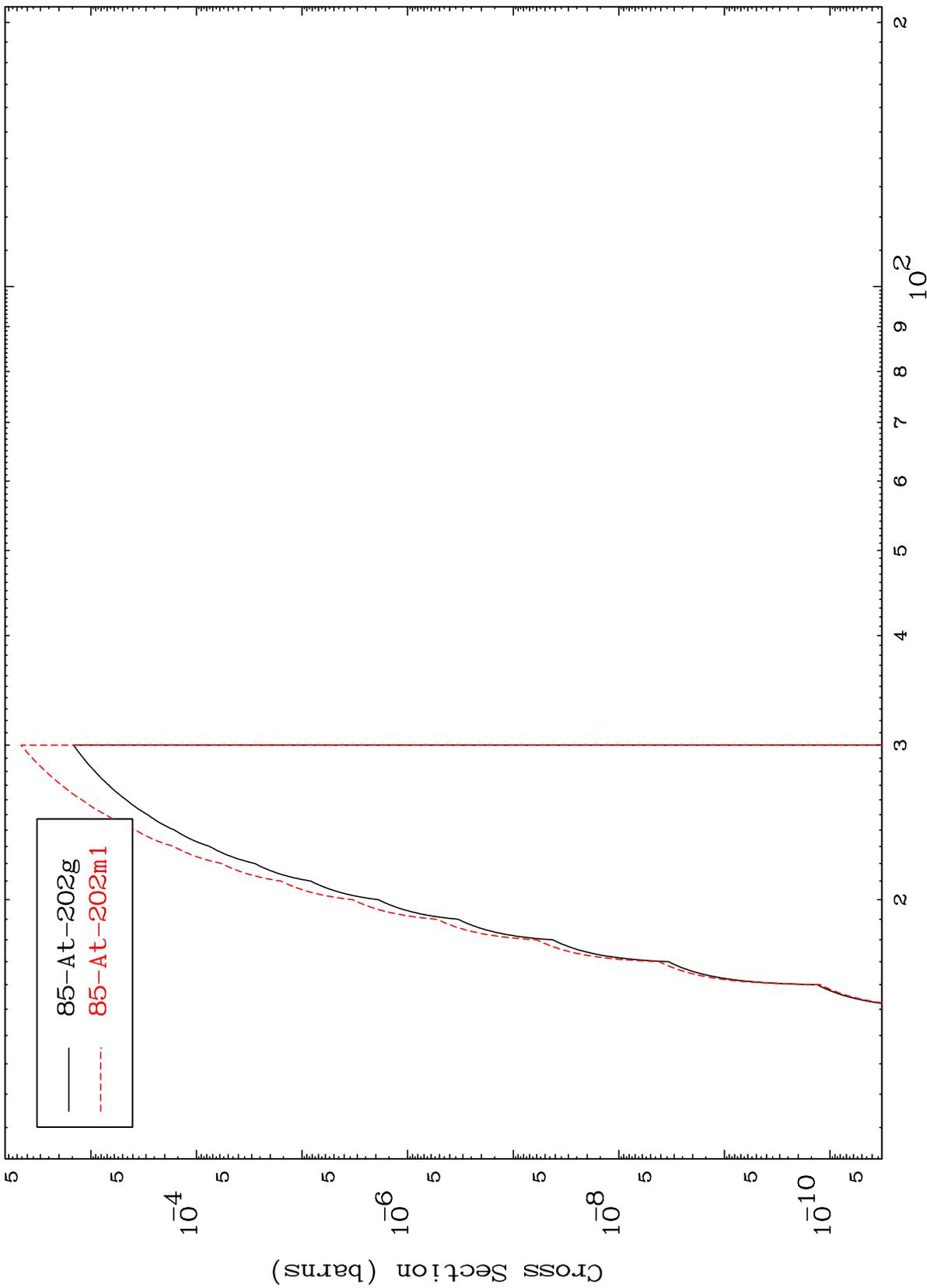


MAT 8604

(n,n') d

86-Rn-204

Radionuclide Production Cross Section



112

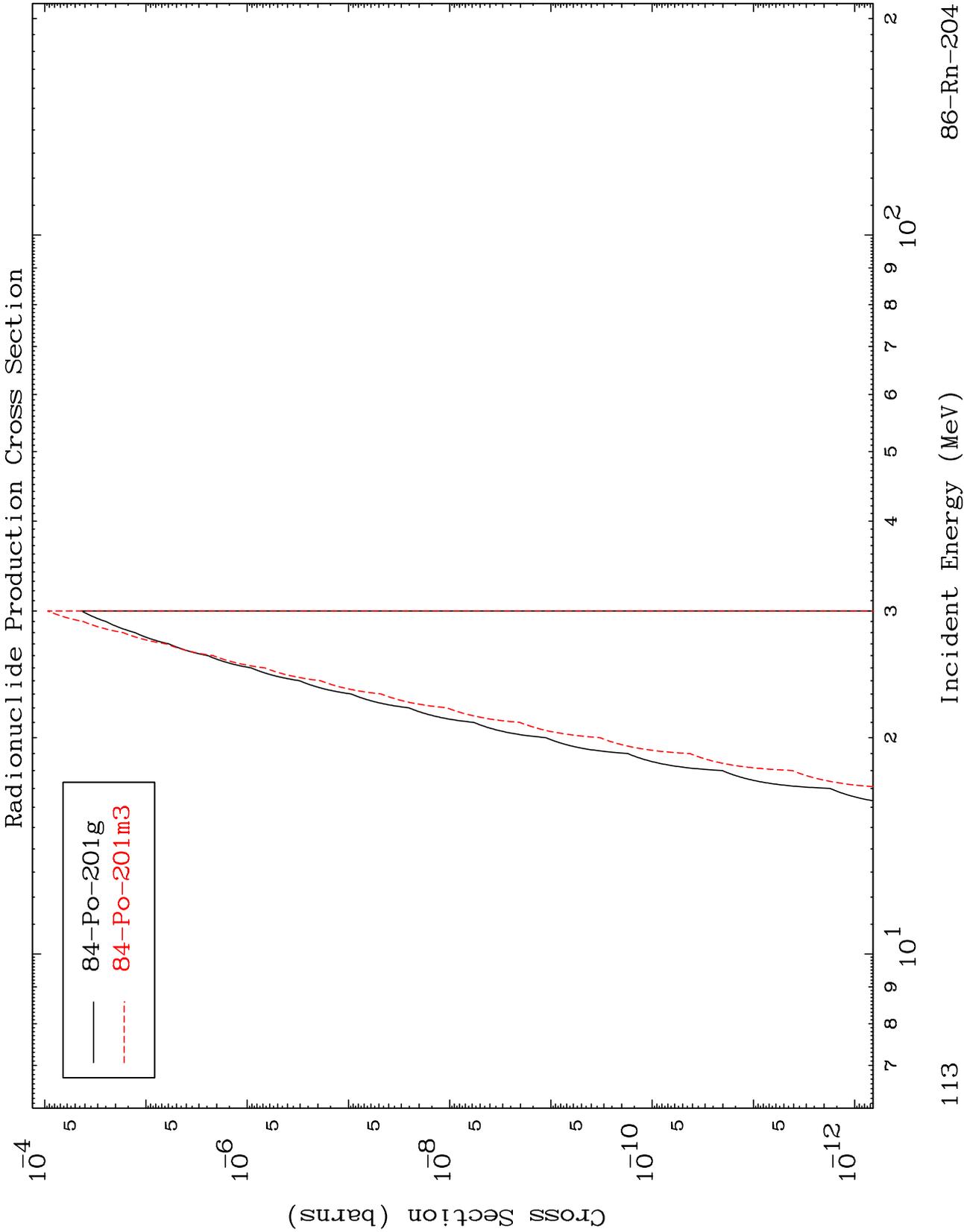
Incident Energy (MeV)

86-Rn-204

MAT 8604

(n,n') He-3

86-Rn-204



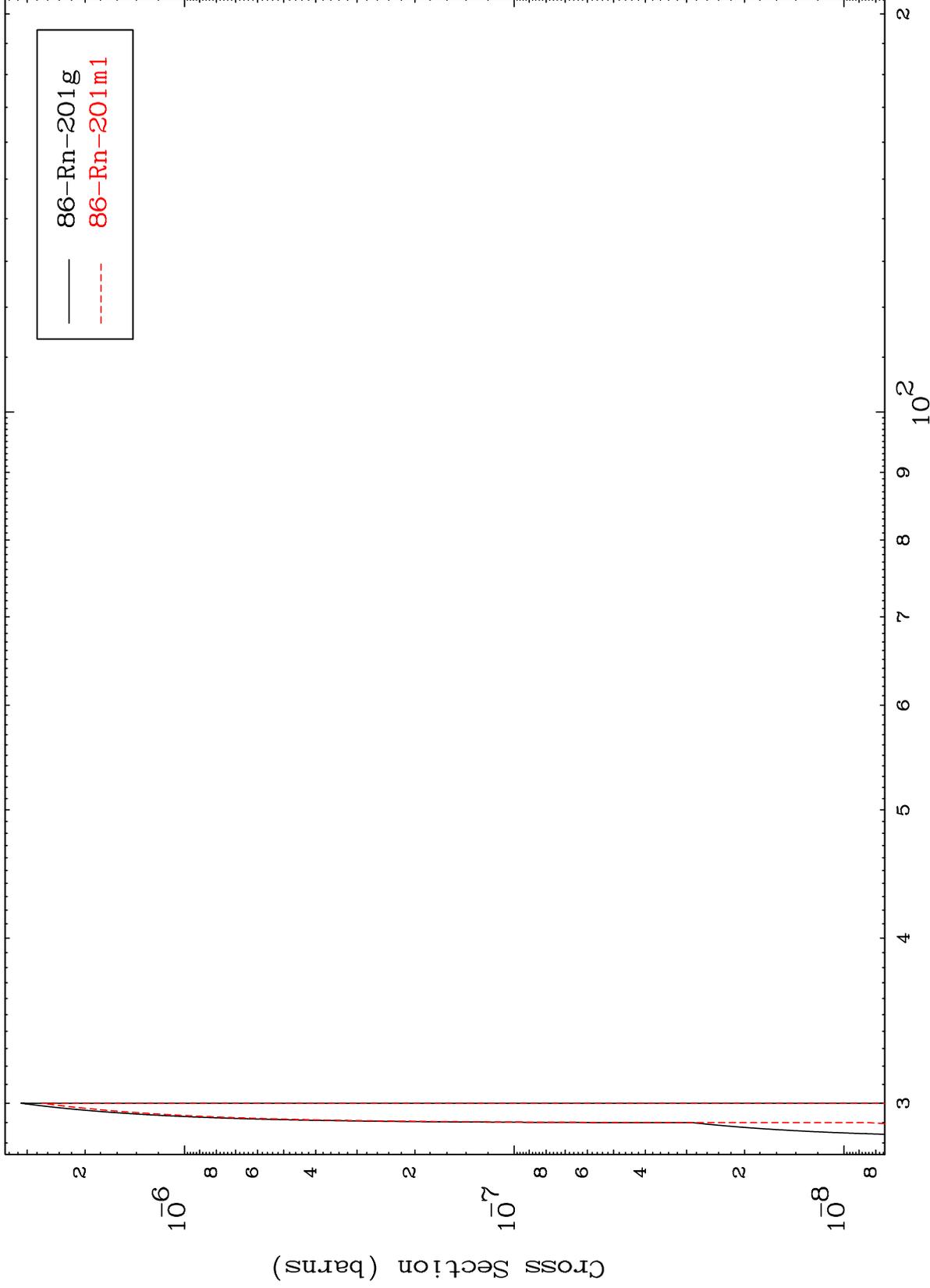
113

MAT 8604

(n,4n)

86-Rn-204

Radionuclide Production Cross Section



114

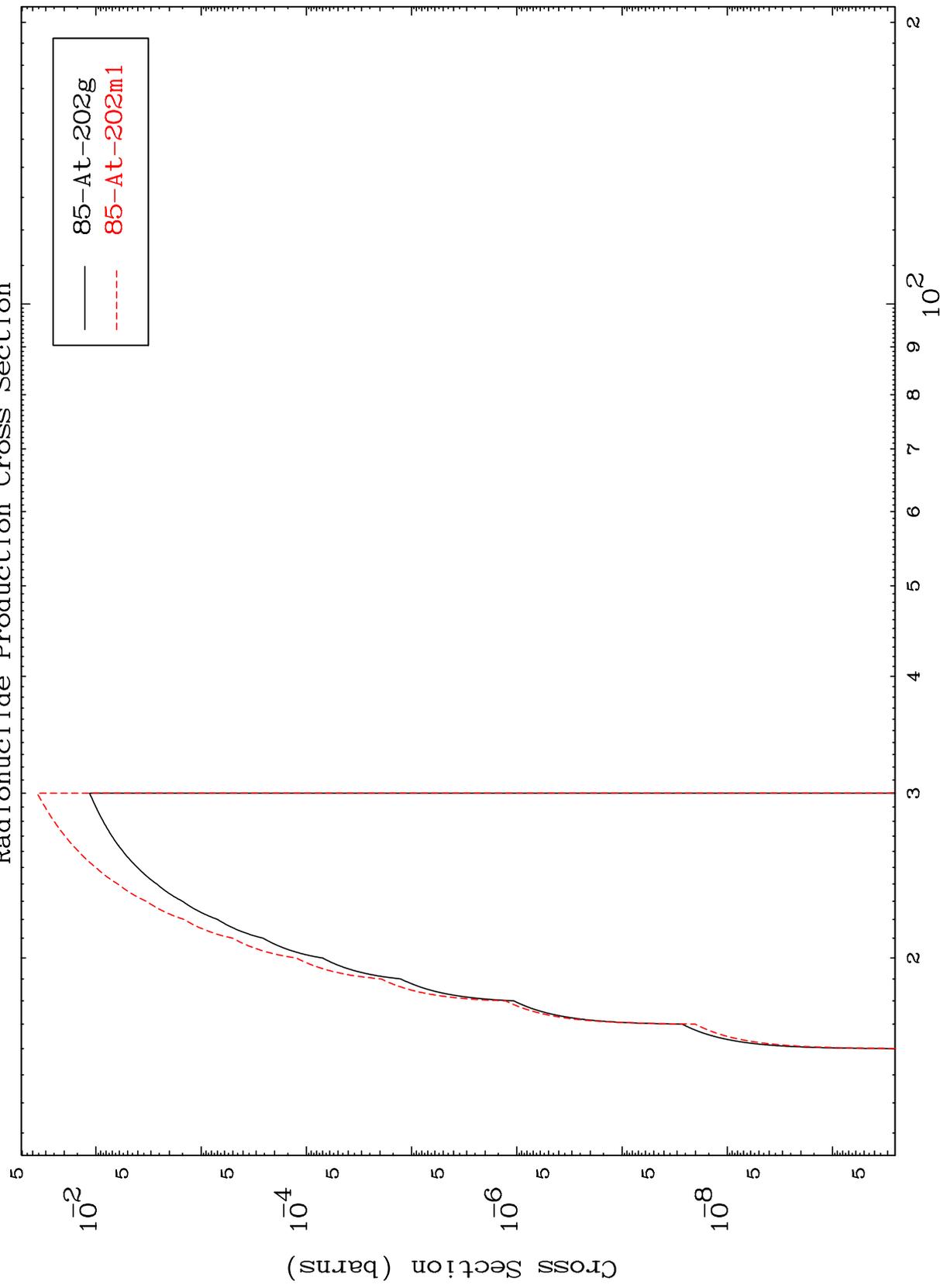
Incident Energy (MeV)

86-Rn-204

MAT 8604

86-Rn-204

(n,2n) p  
Radionuclide Production Cross Section



115

Incident Energy (MeV)

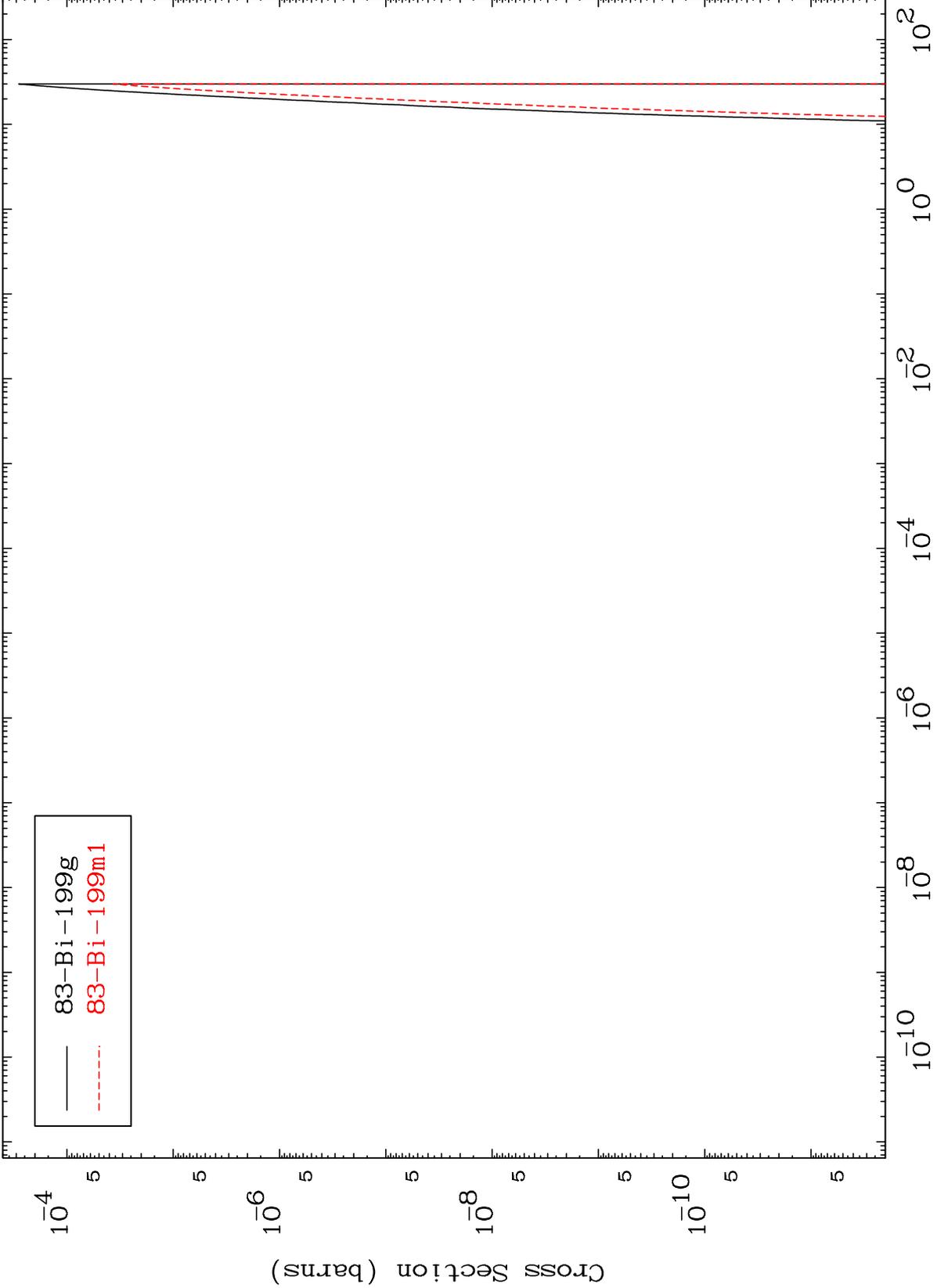
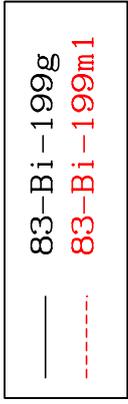
86-Rn-204

MAT 8604

(n,n') p  $\alpha$

86-Rn-204

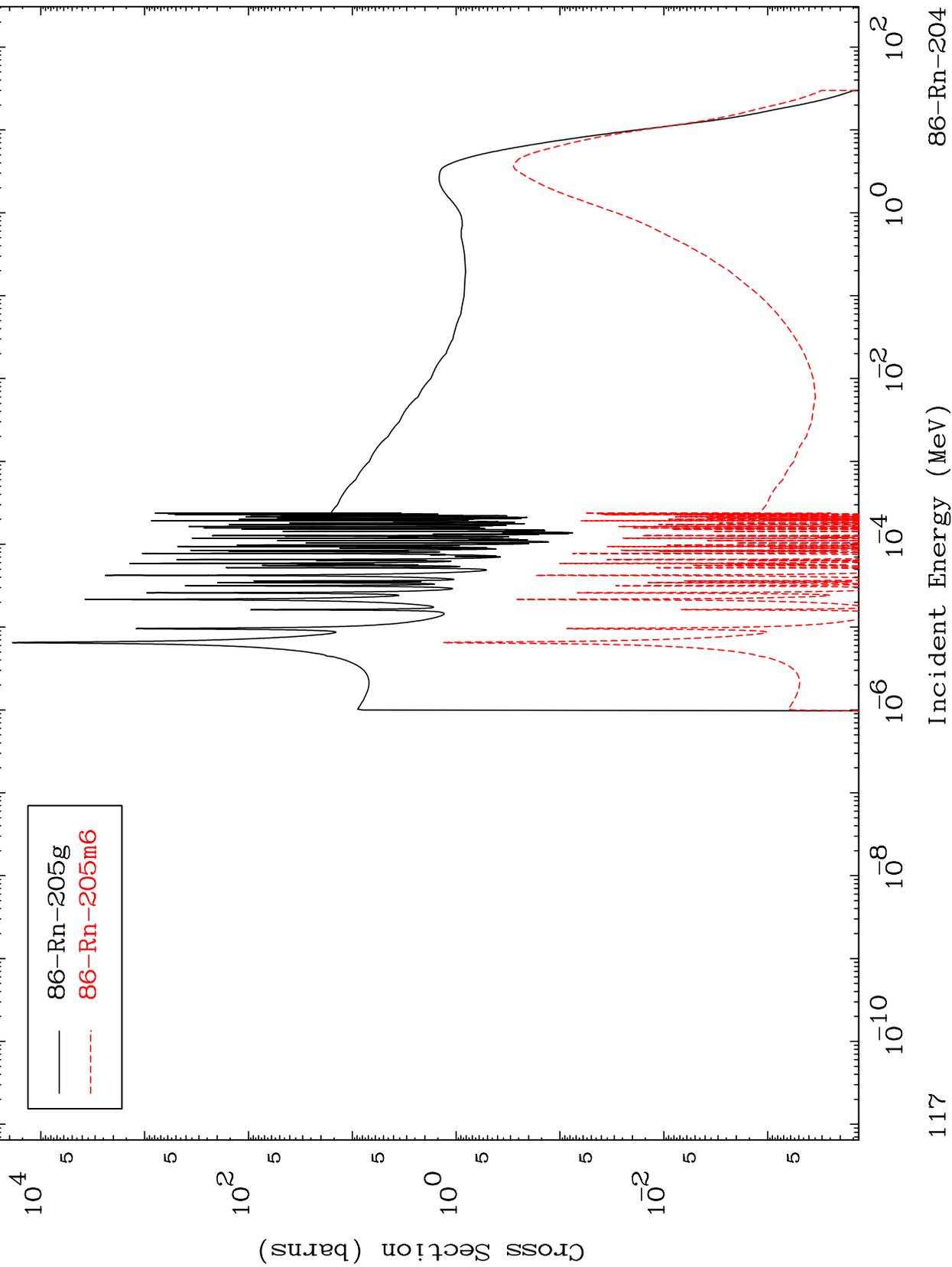
Radionuclide Production Cross Section



MAT 8604

86-Rn-204

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

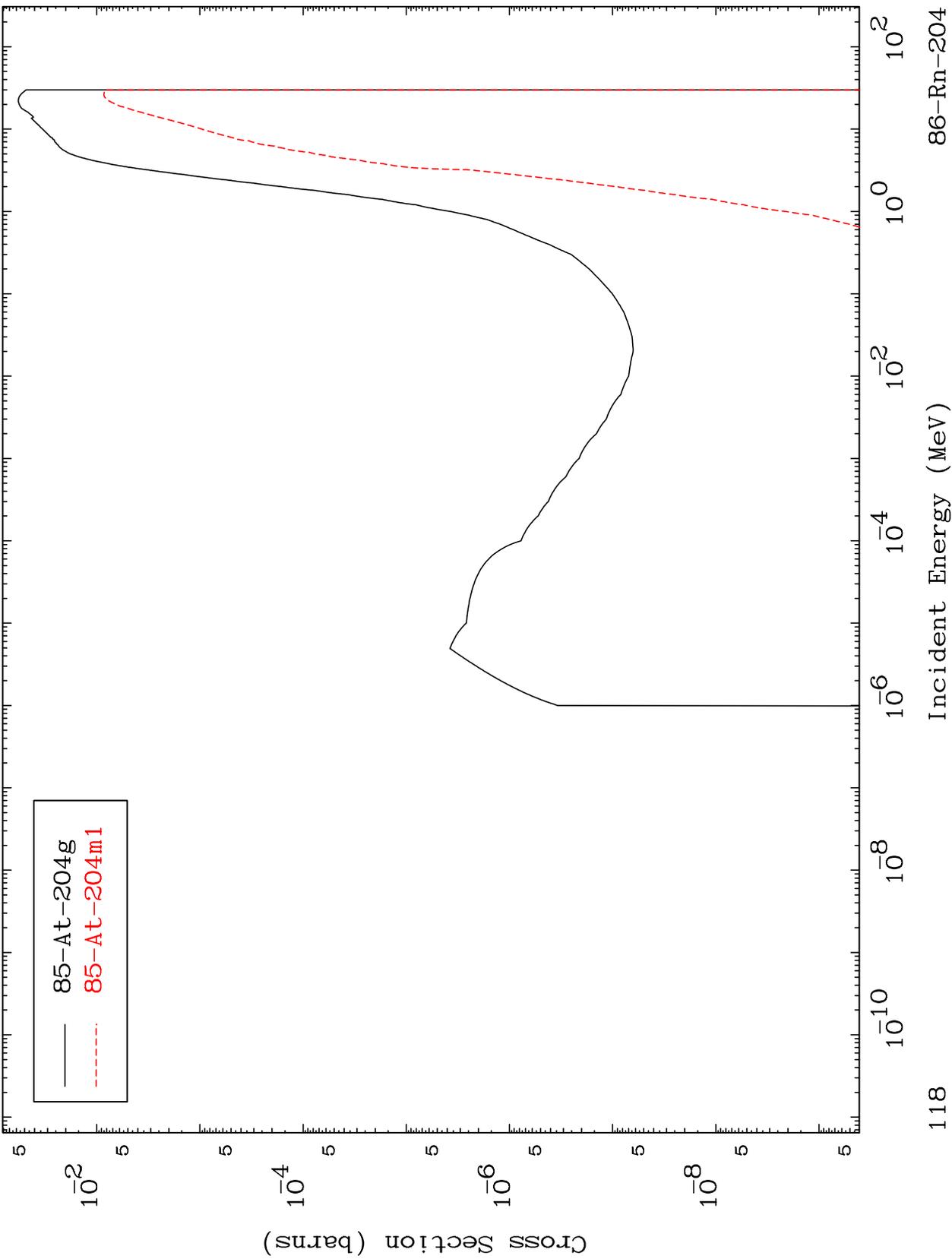


MAT 8604

(n,p)

86-Rn-204

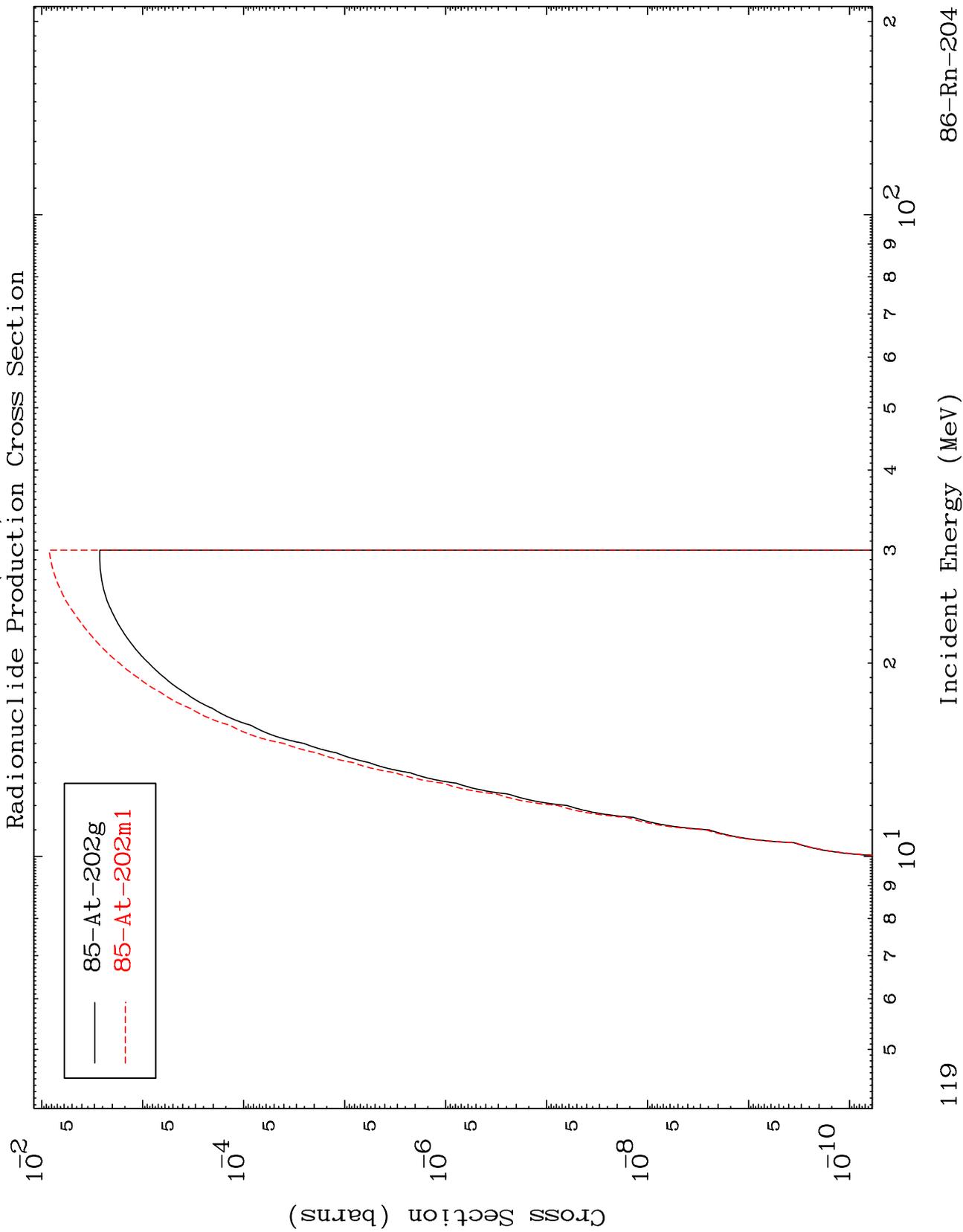
Radionuclide Production Cross Section



85-At-204g  
85-At-204m1

MAT 8604

86-Rn-204



— 85-At-202g  
- - - 85-At-202m1

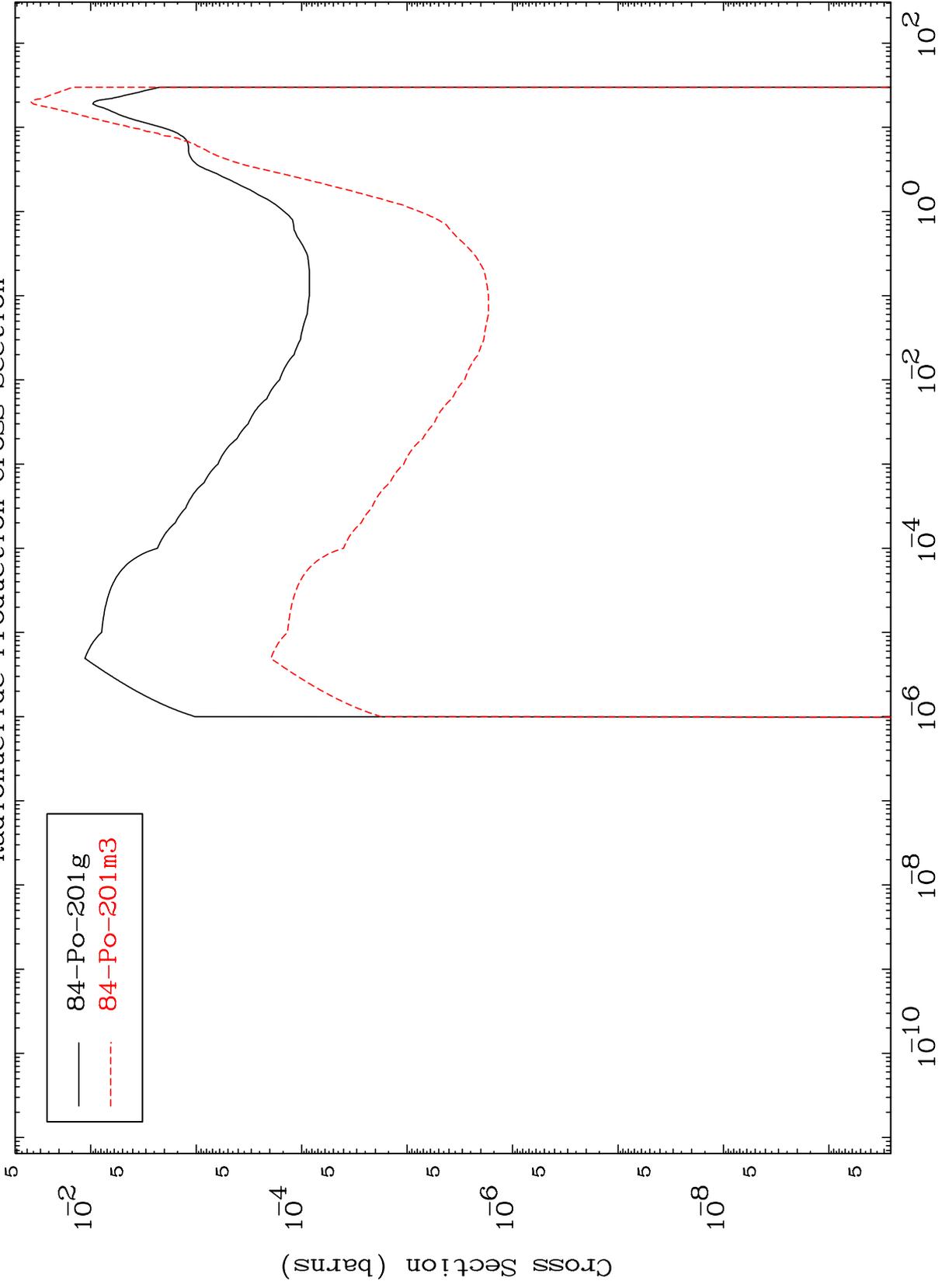
119

86-Rn-204

MAT 8604

86-Rn-204

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



120

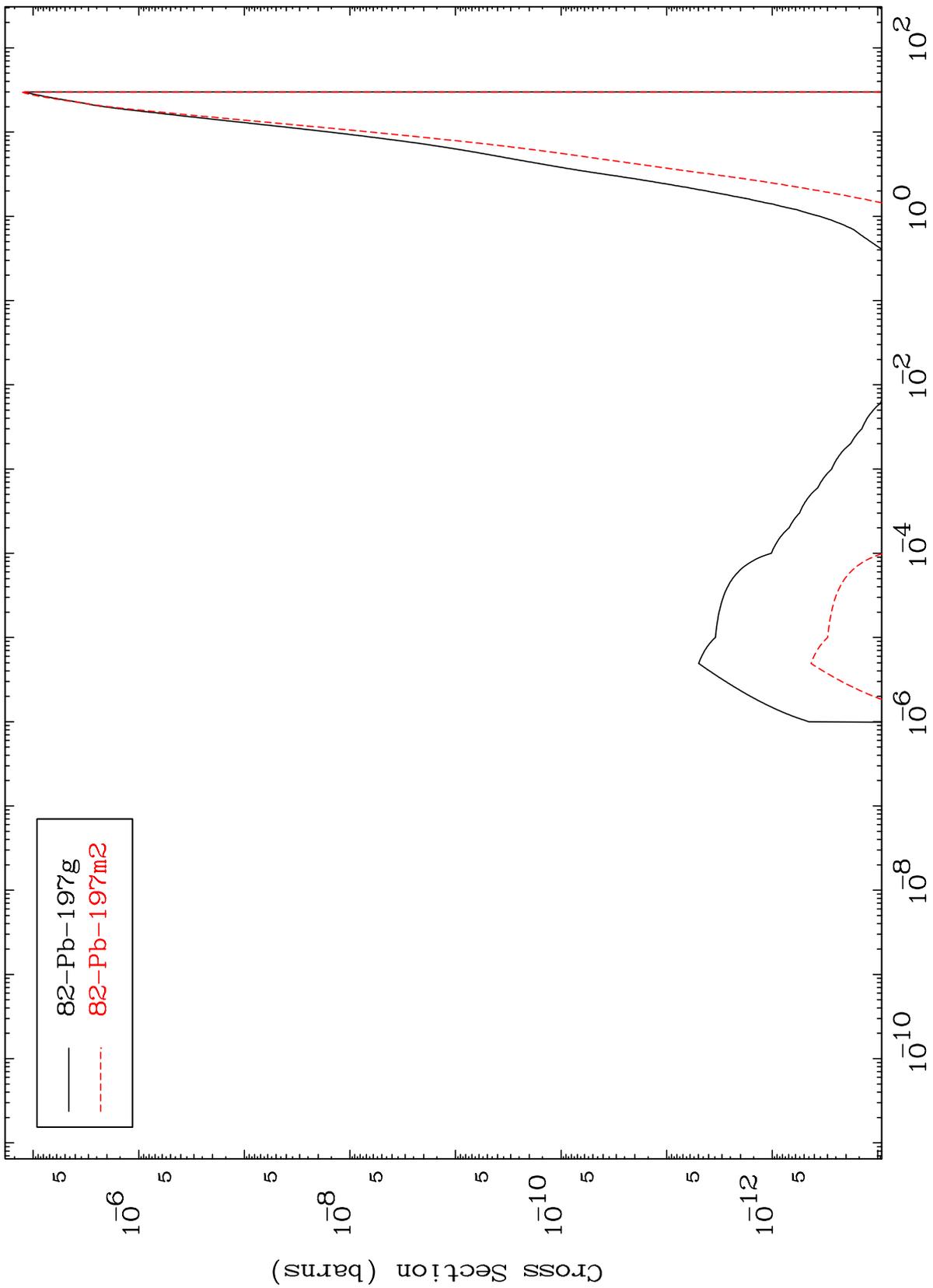
86-Rn-204

MAT 8604

86-Rn-204

86-Rn-204

(n,2α)  
Radionuclide Production Cross Section

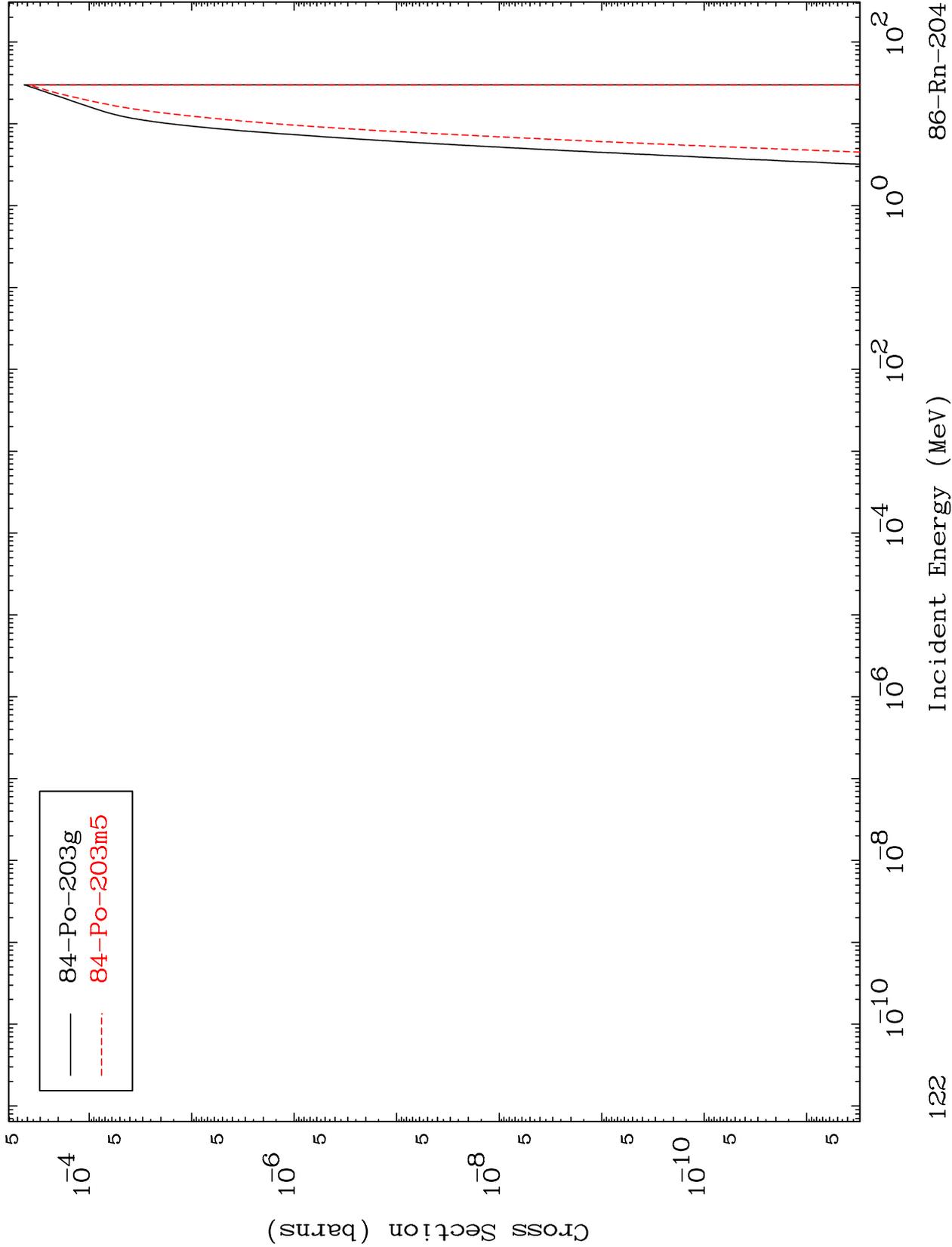


MAT 8604

(n,2p)

86-Rn-204

Radionuclide Production Cross Section

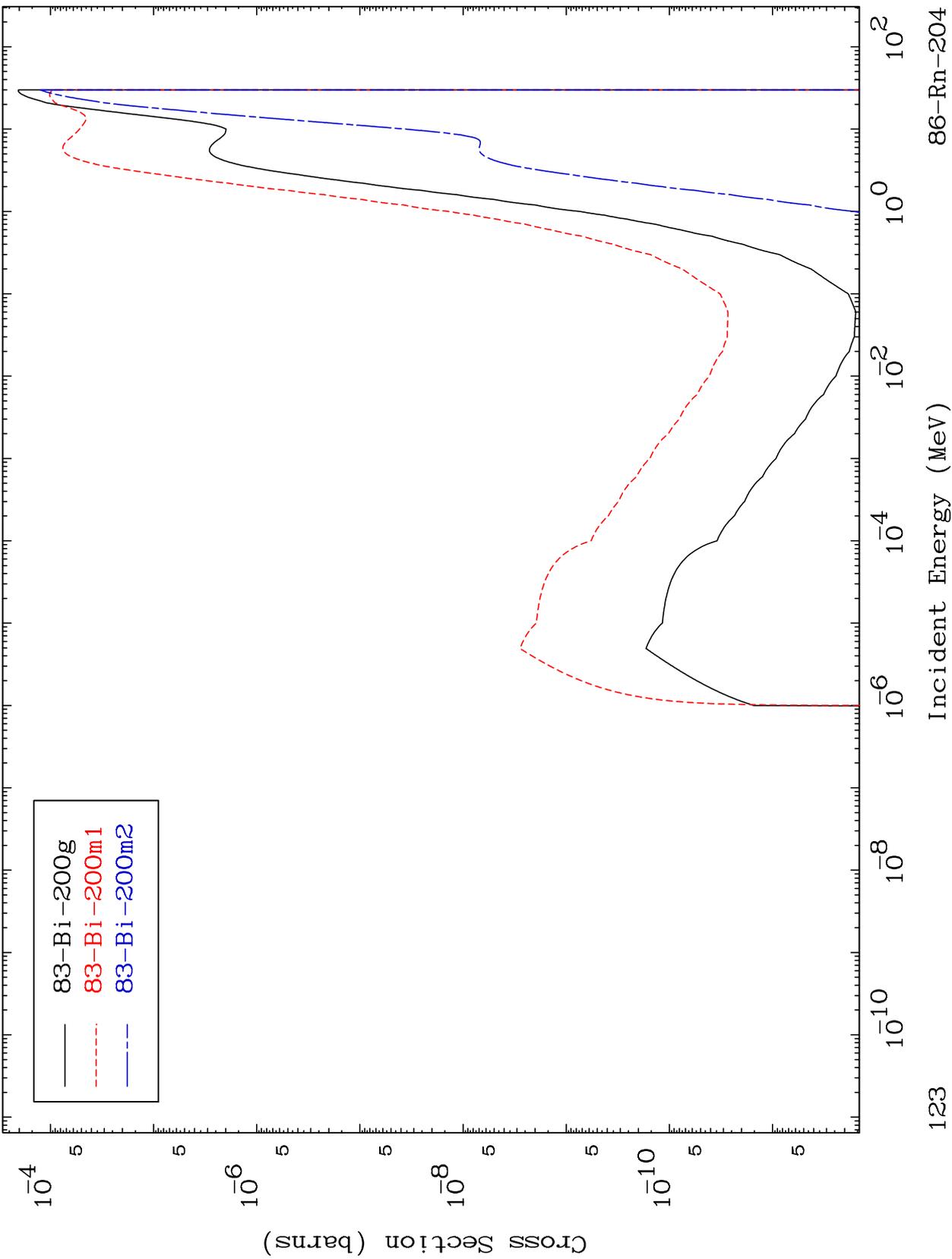


MAT 8604

(n,p)  $\alpha$

86-Rn-204

Radionuclide Production Cross Section

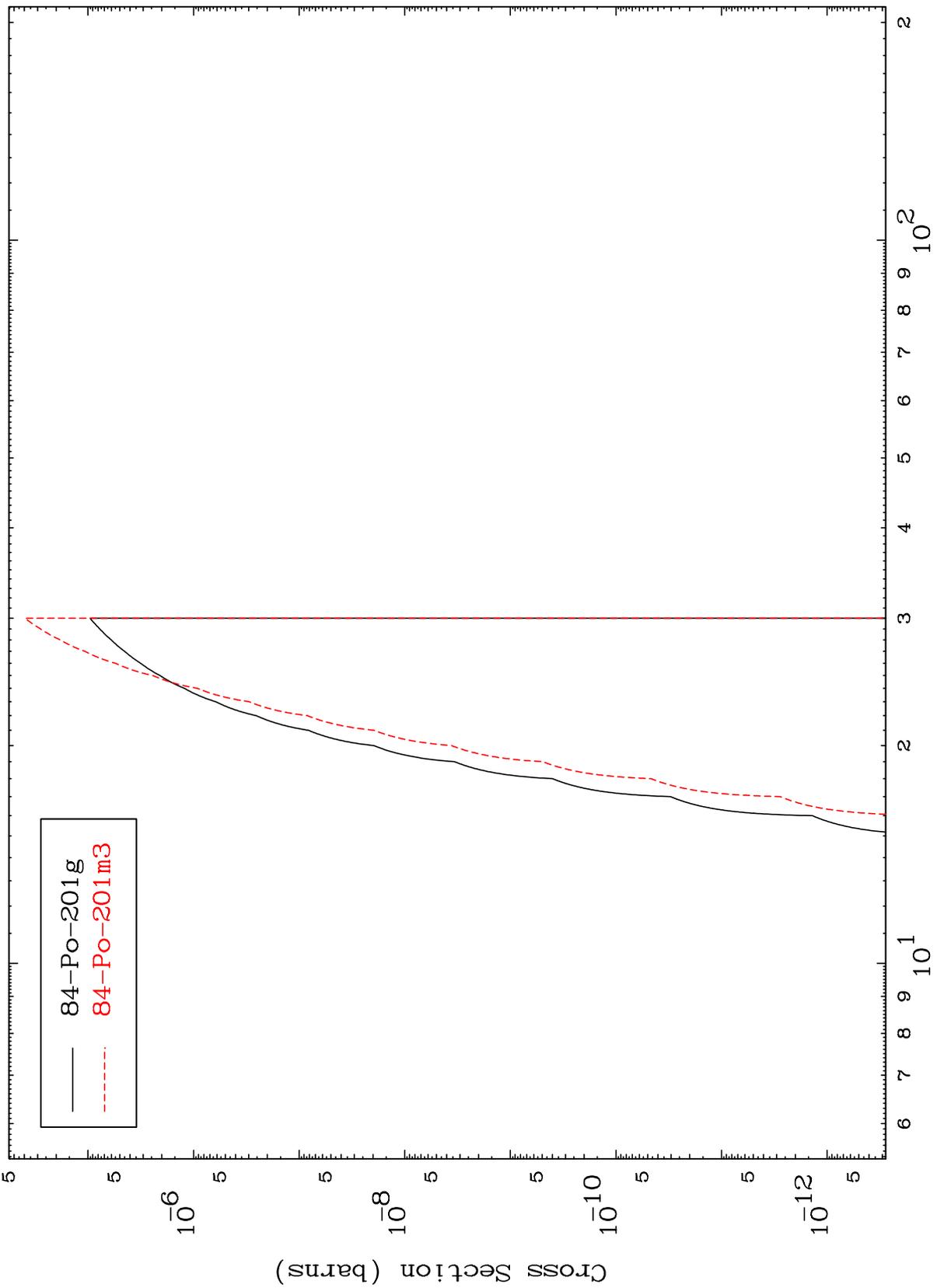


MAT 8604

(n,p) t

86-Rn-204

Radionuclide Production Cross Section



124

Incident Energy (MeV)

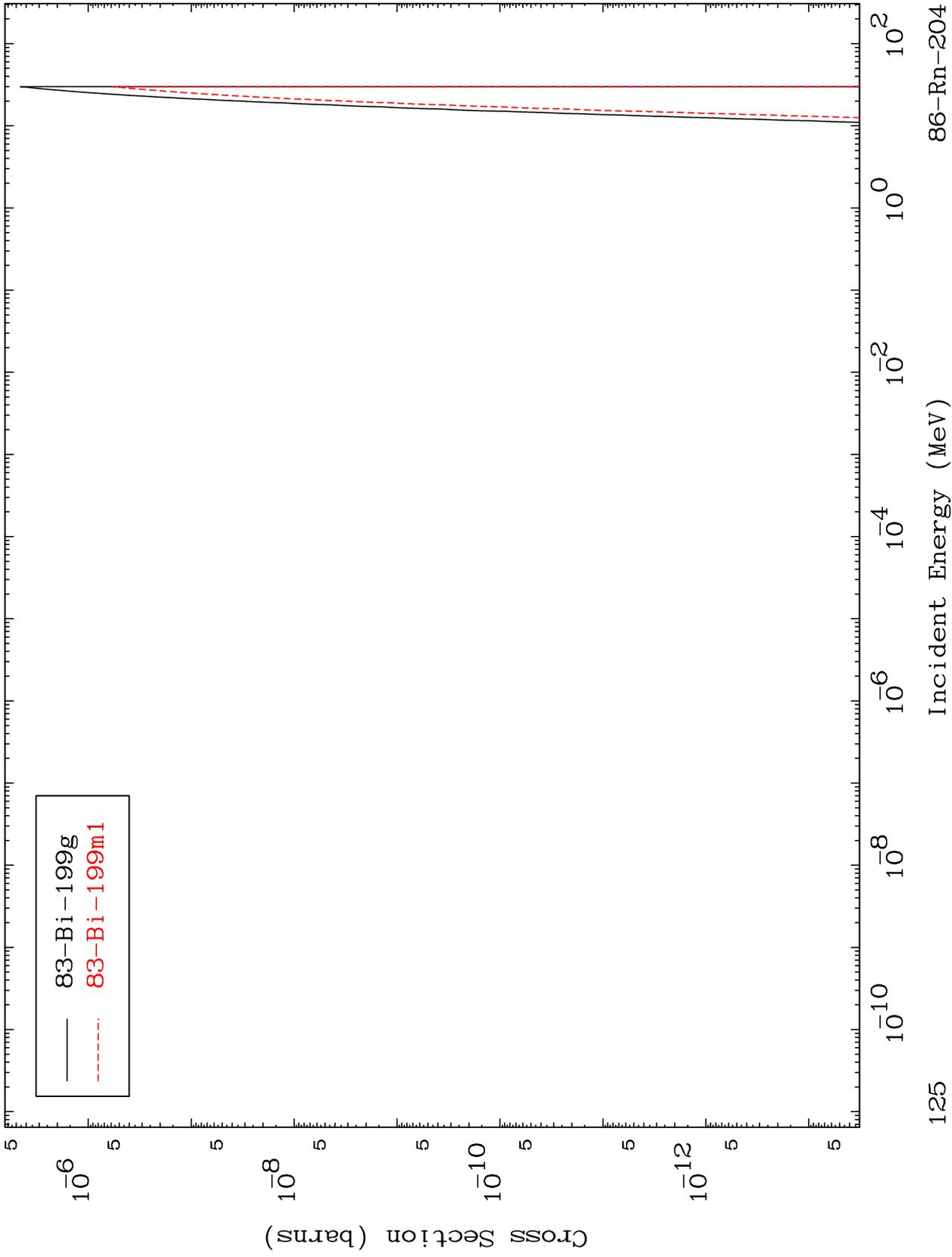
86-Rn-204

MAT 8604

(n,d)  $\alpha$

86-Rn-204

Radionuclide Production Cross Section



83-Bi-199g  
83-Bi-199m1