

Program EVALPLOT
(Version 2021-1)

by

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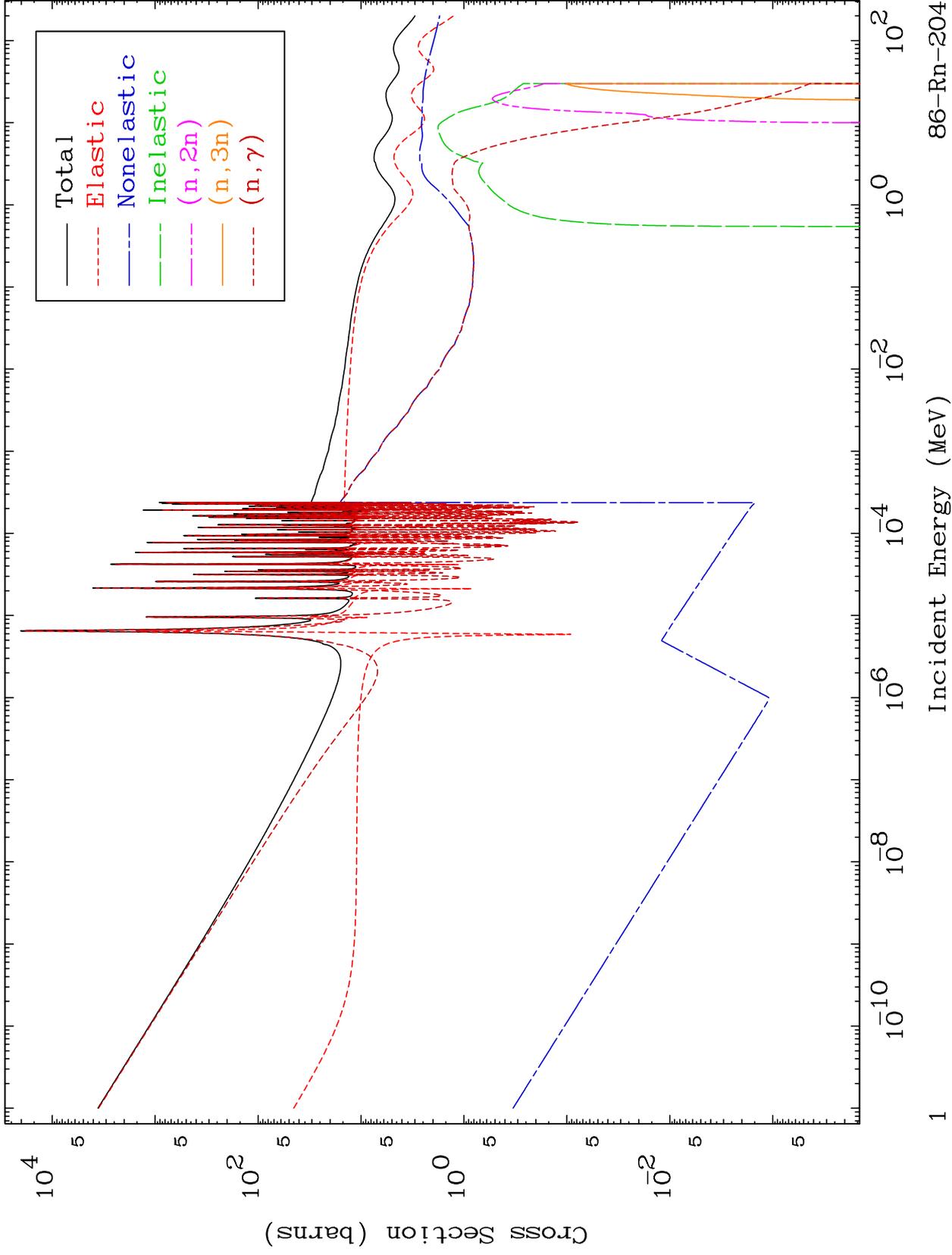
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Press Mouse Button to Start

MAT 8604

Neutron Major
293 Kelvin Cross Sections

86-Rn-204



86-Rn-204

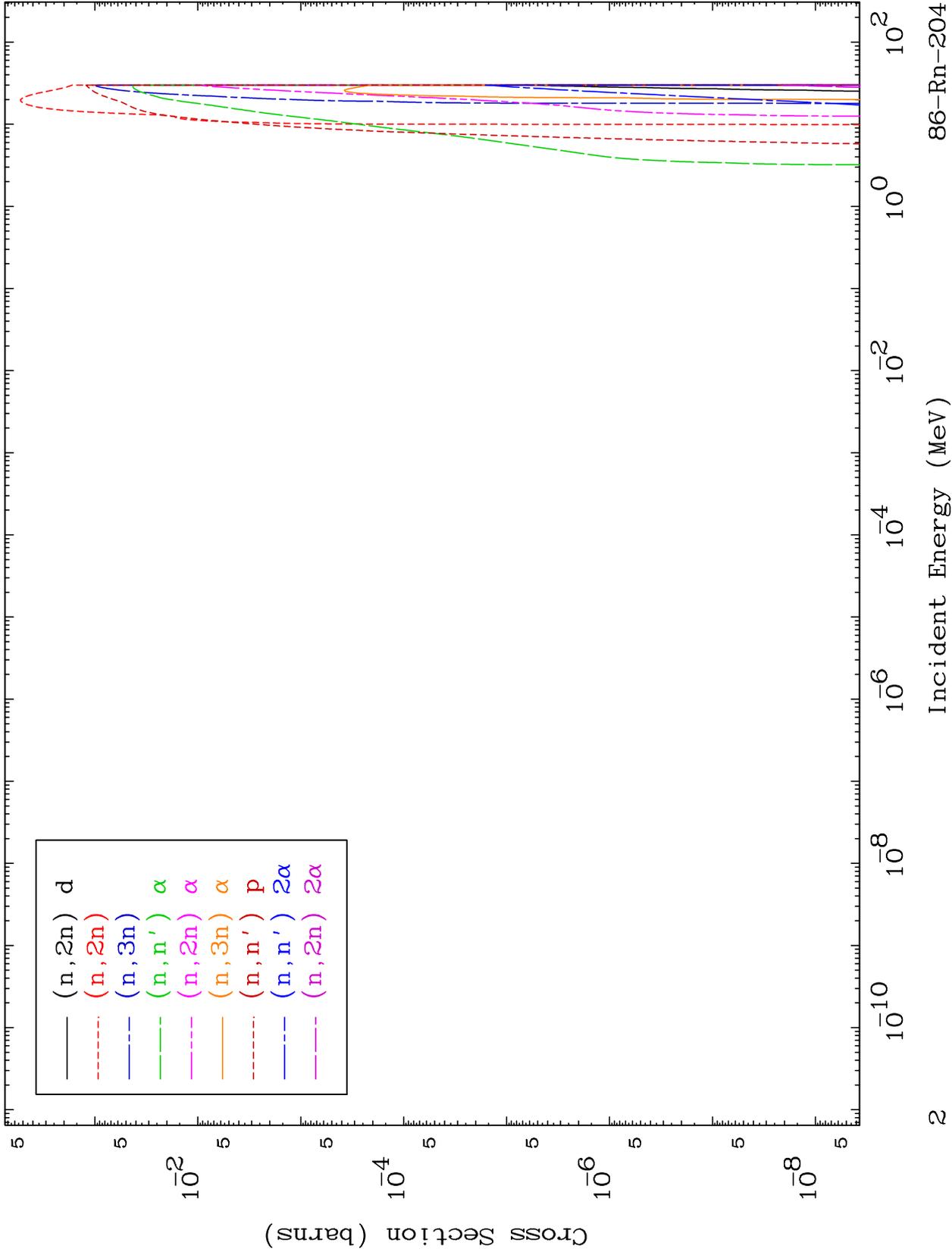
Incident Energy (MeV)

1

MAT 8604

Neutron Absorption
293 Kelvin Cross Sections

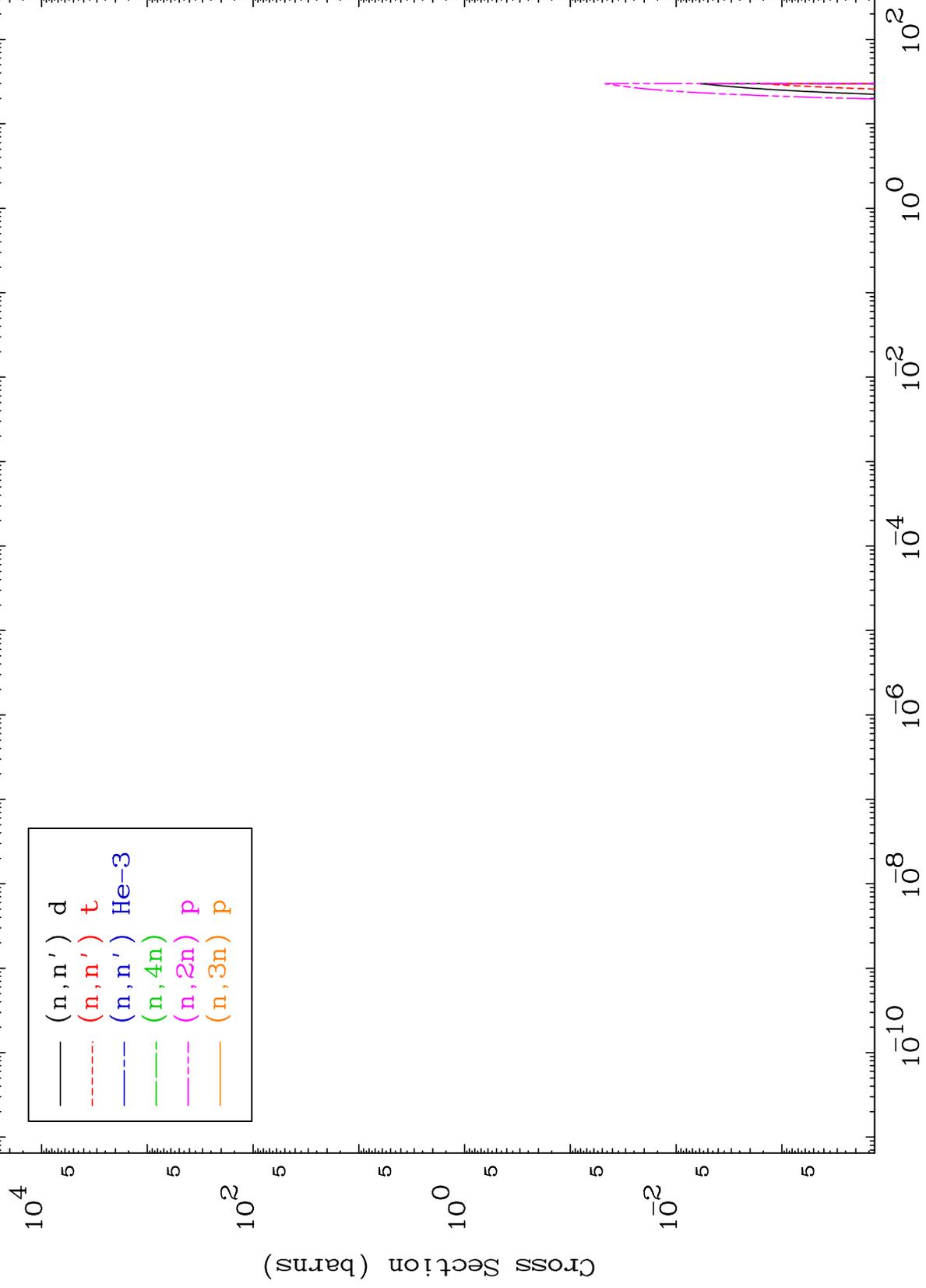
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MAT 8604

Neutron Absorption
293 Kelvin Cross Sections

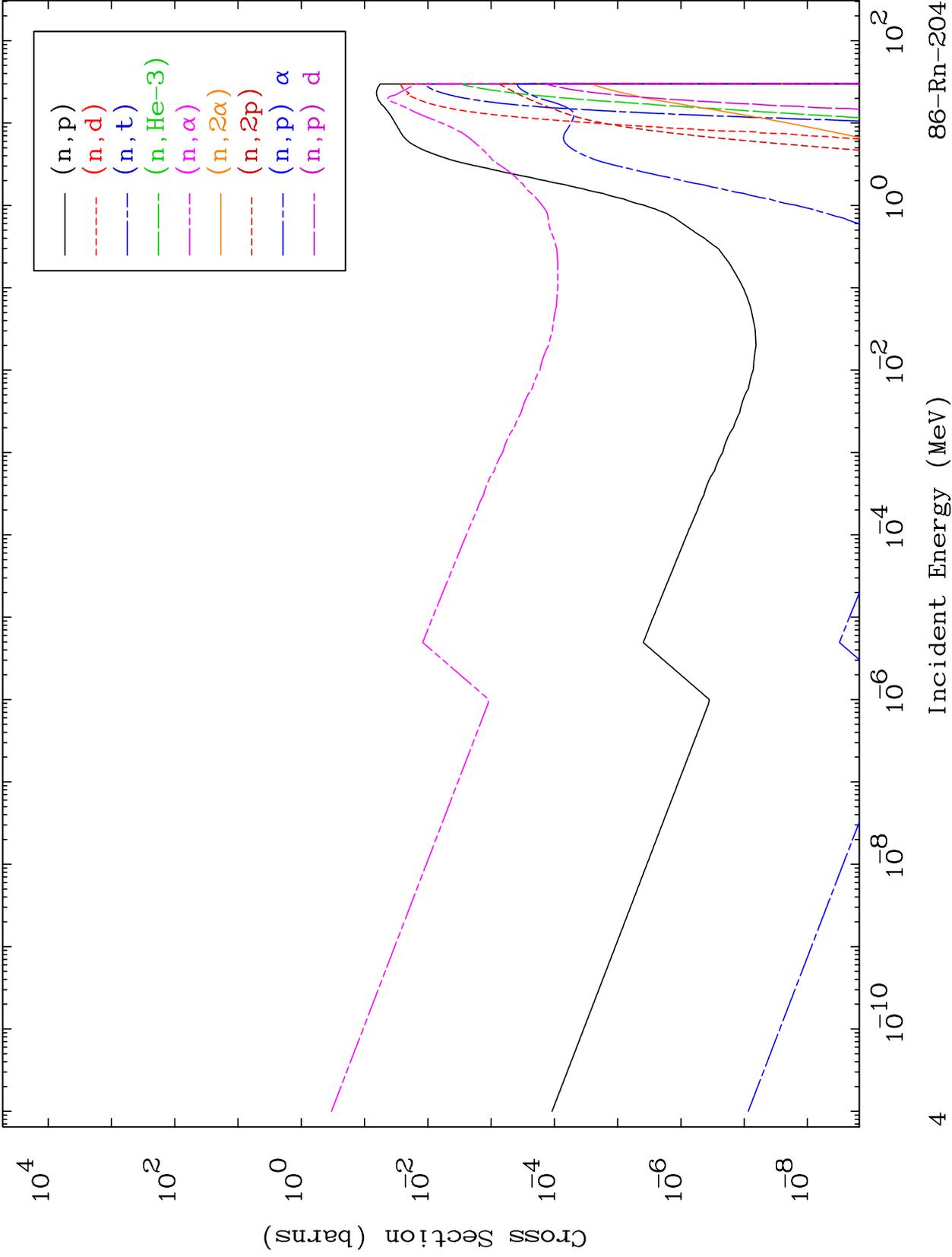
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MAT 8604

Neutron Absorption
293 Kelvin Cross Sections

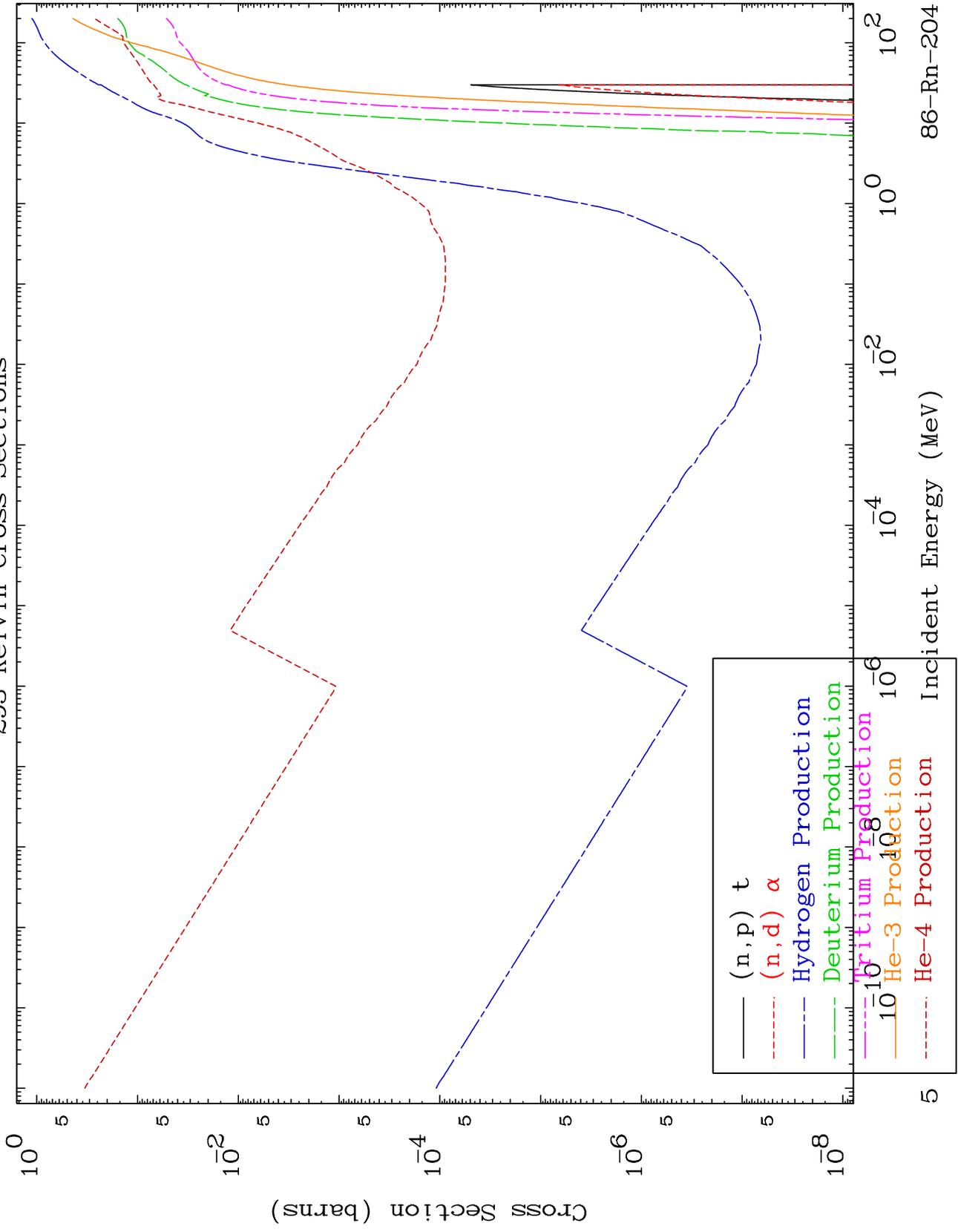
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MAT 8604

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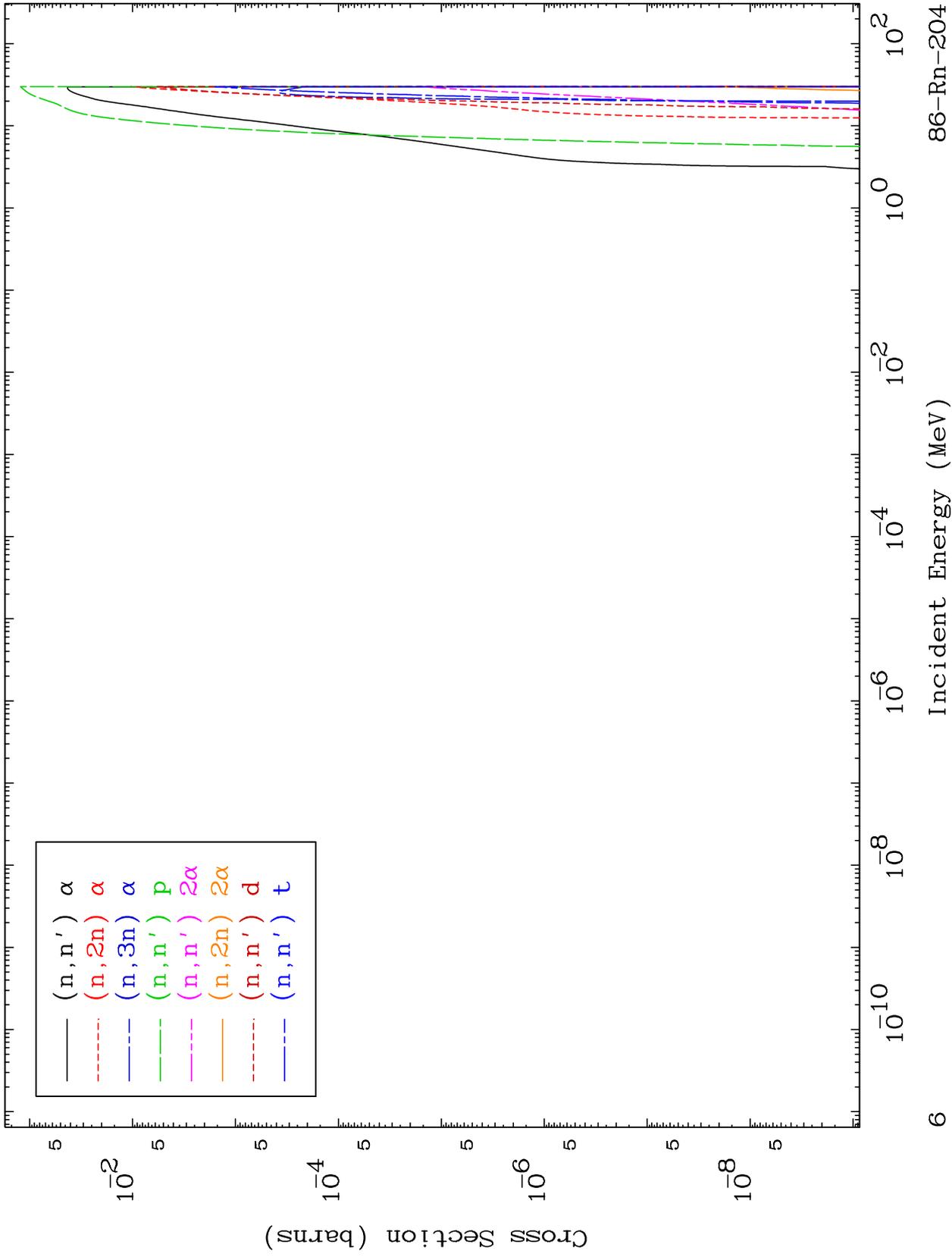
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MAT 8604

Charged Particle
293 Kelvin Cross Sections

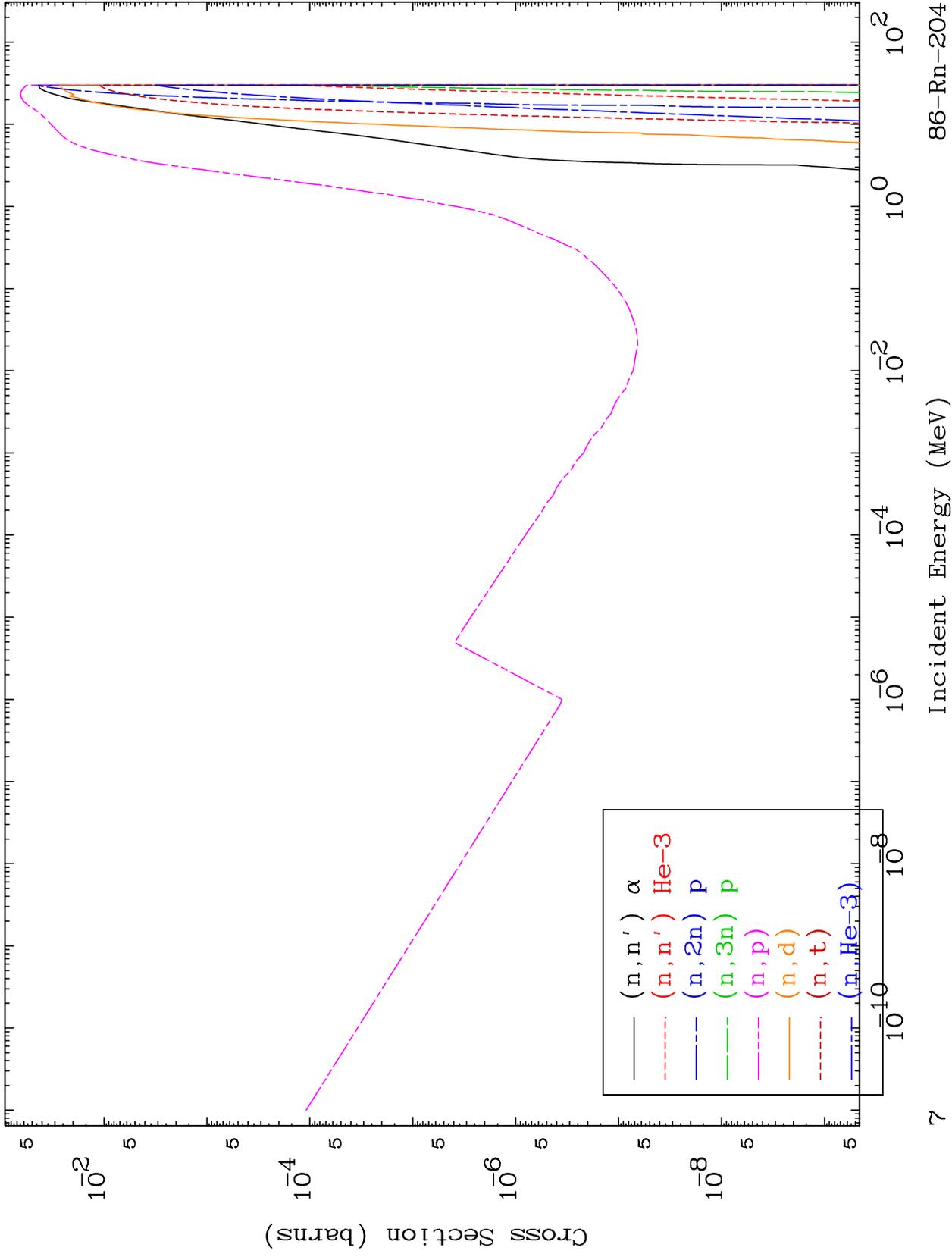
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MAT 8604

Charged Particle
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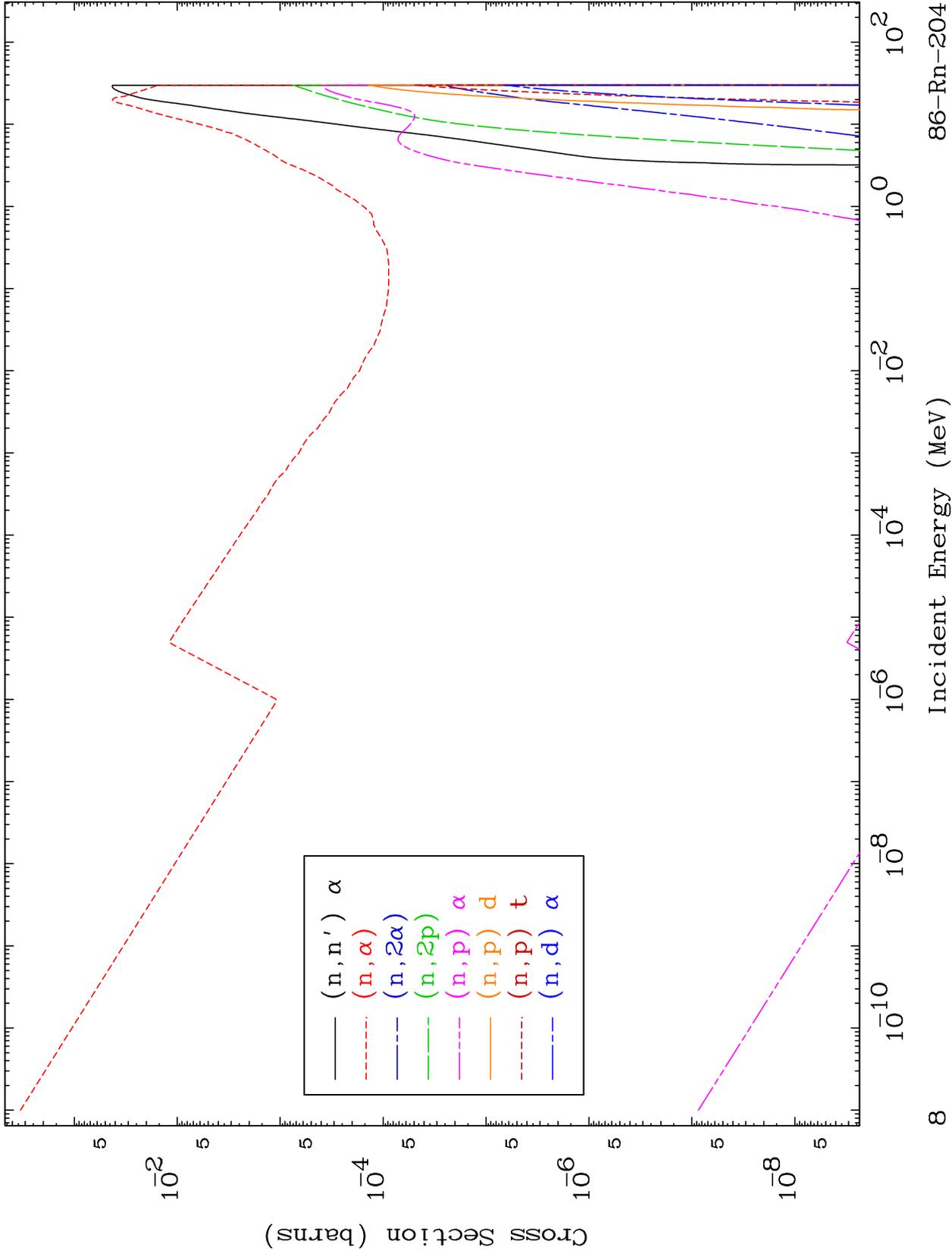
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MAT 8604

Charged Particle
293 Kelvin Cross Sections

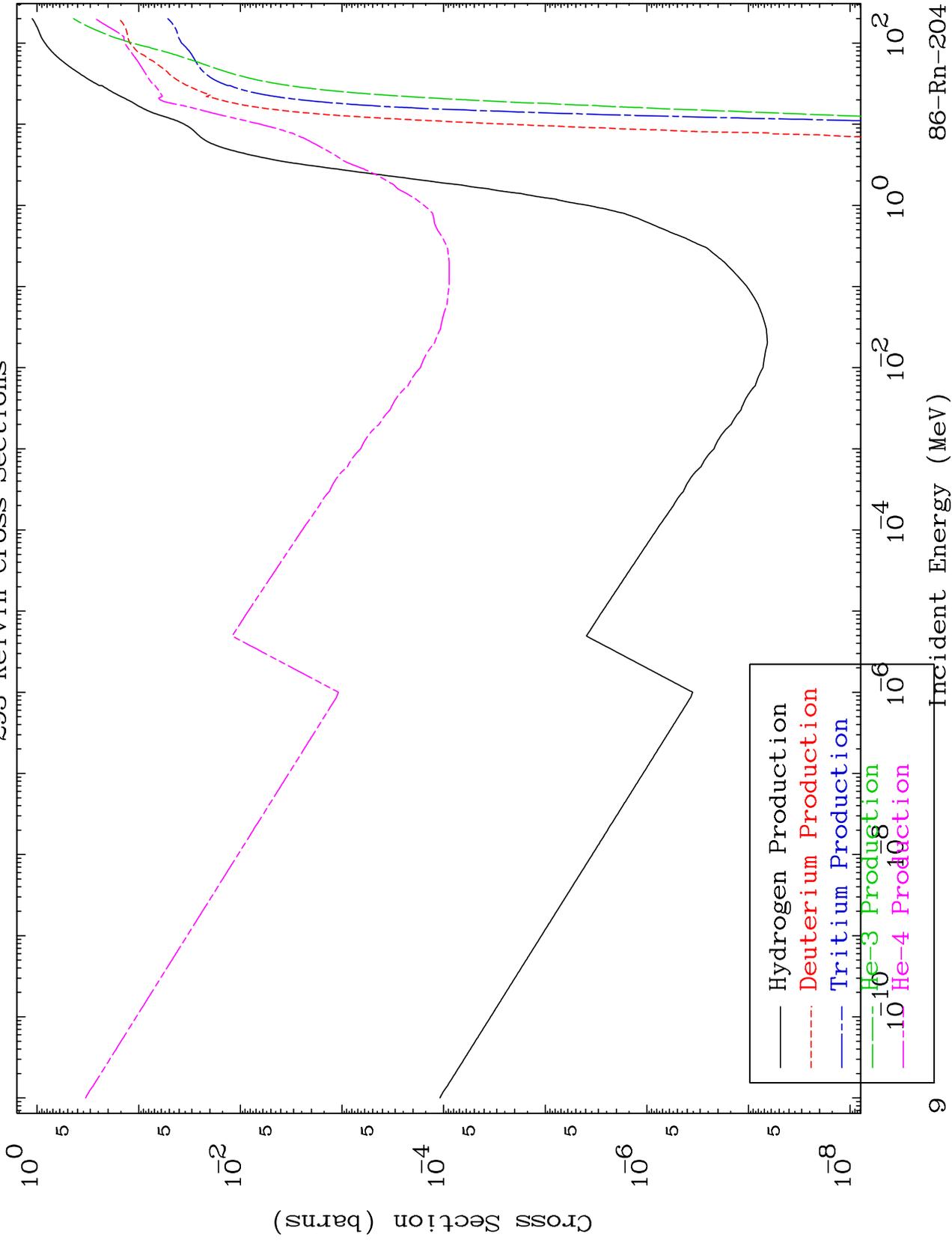
86-Rn-204



MAT 8604

Particle Production
293 Kelvin Cross Sections

86-Rn-204



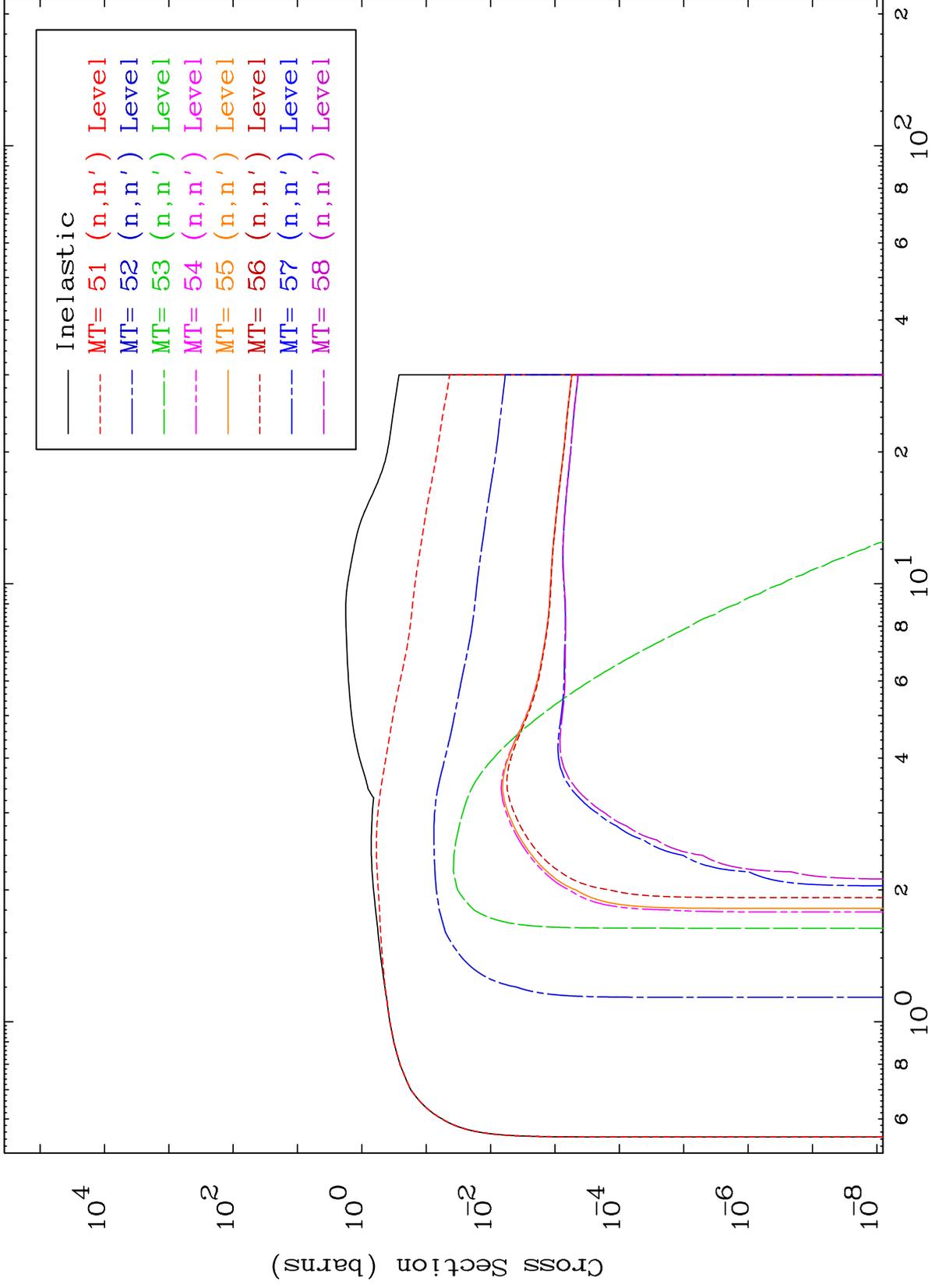
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MAT 8604

(n,n') Levels

86-Rn-204

293 Kelvin Cross Sections

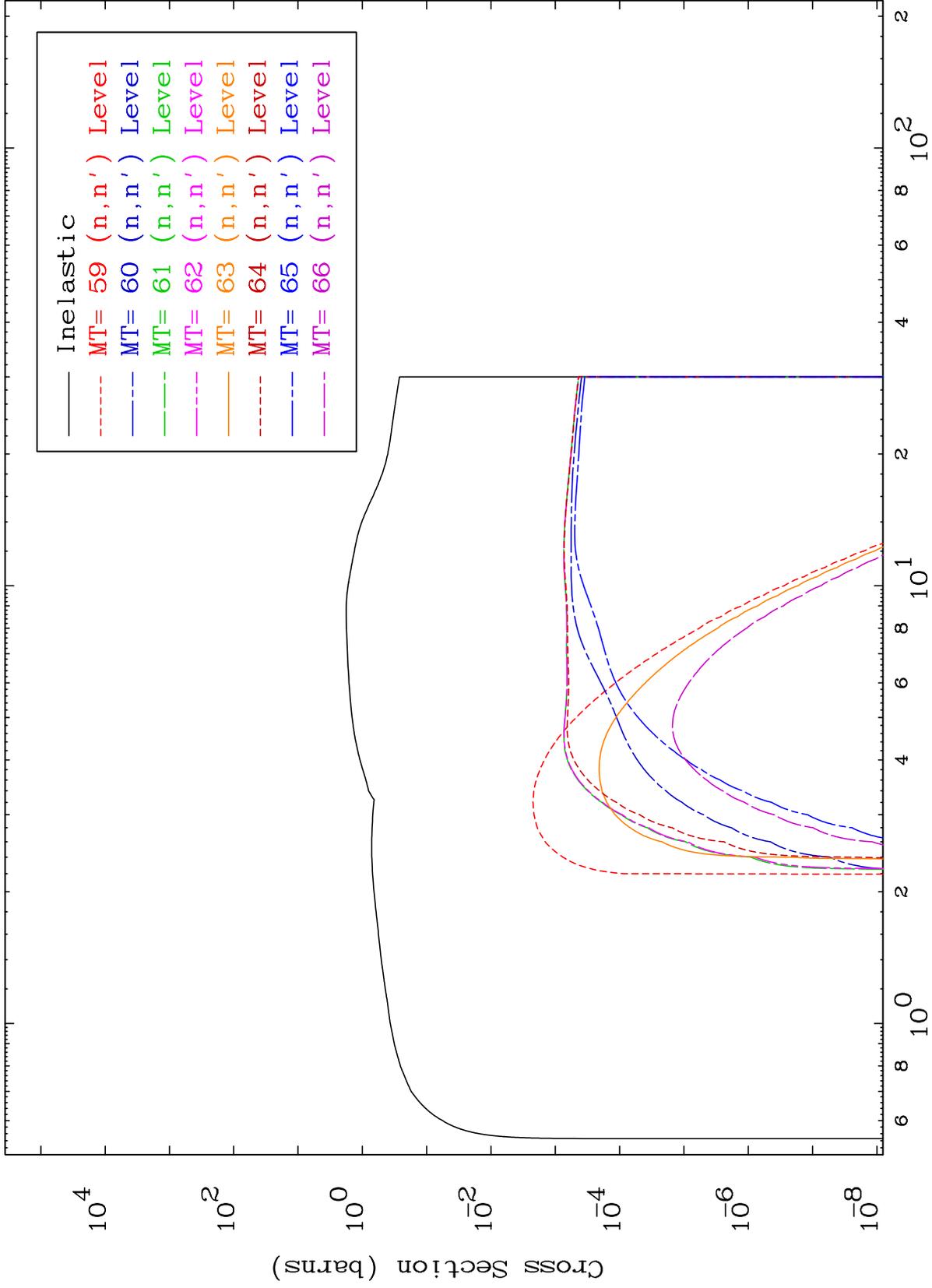


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Incident Energy (MeV)

86-Rn-204

293 Kelvin Cross Sections

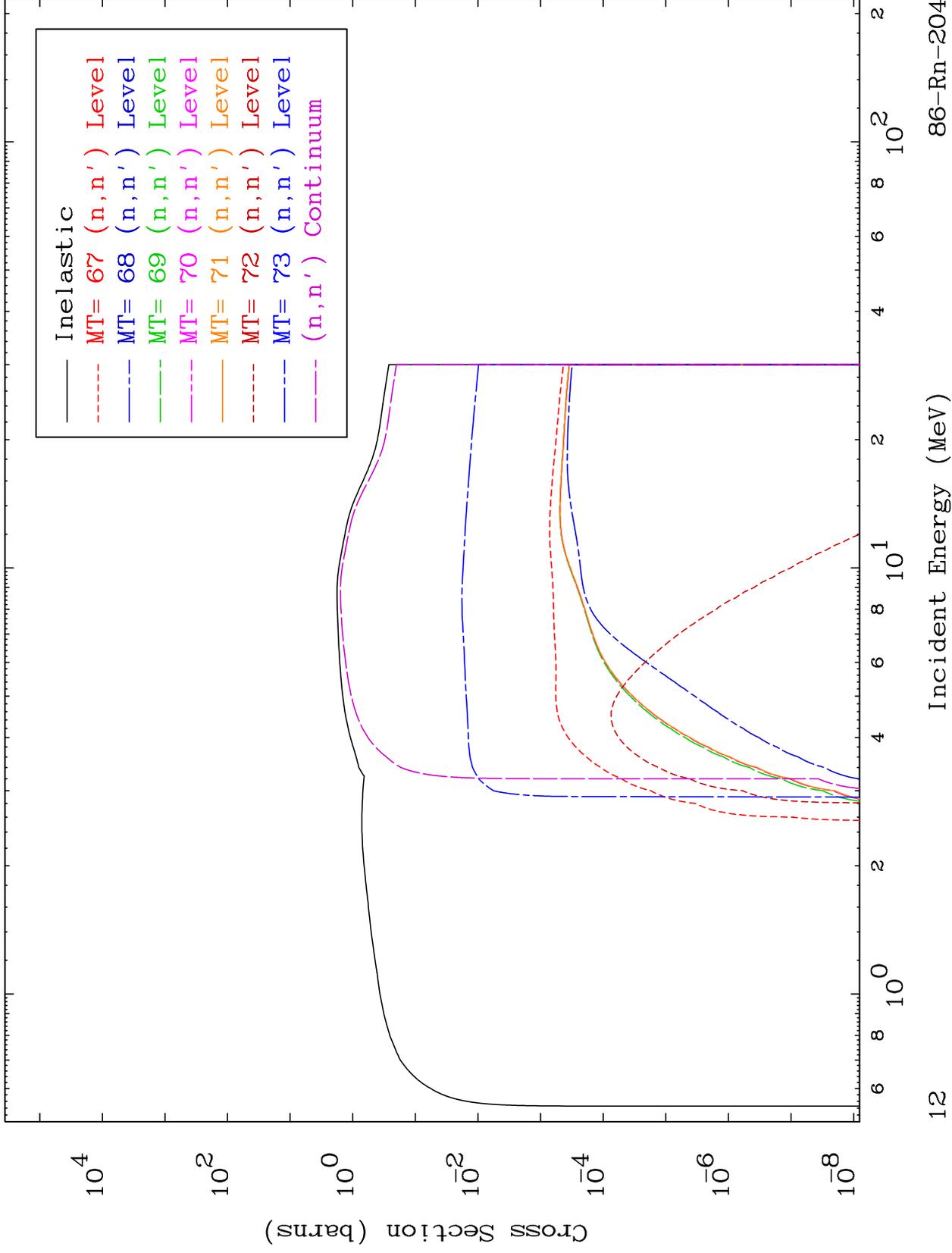


MAT 8604

(n,n') Levels

86-Rn-204

293 Kelvin Cross Sections



12

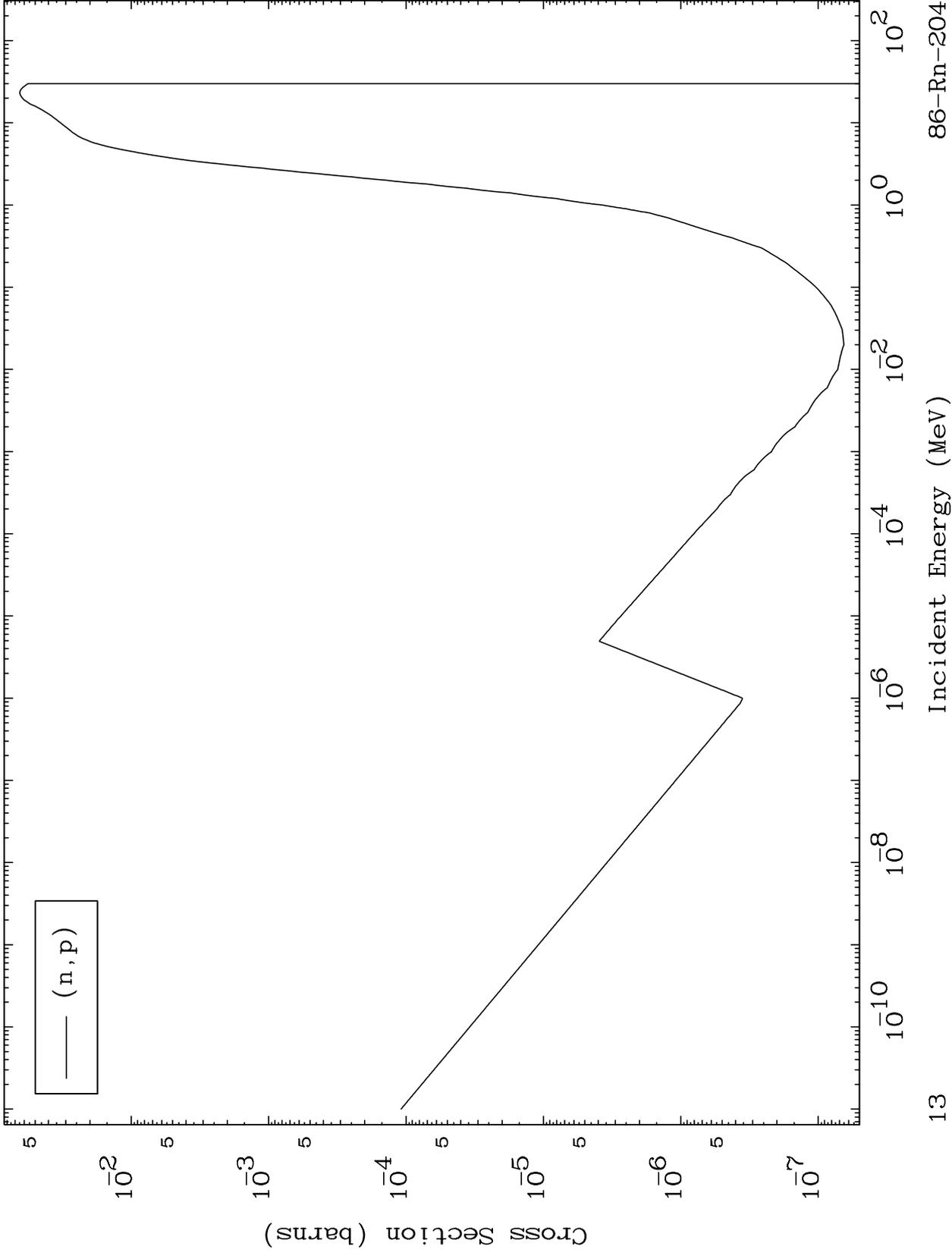
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86-Rn-204

MAT 8604

(n,p) Levels
293 Kelvin Cross Sections

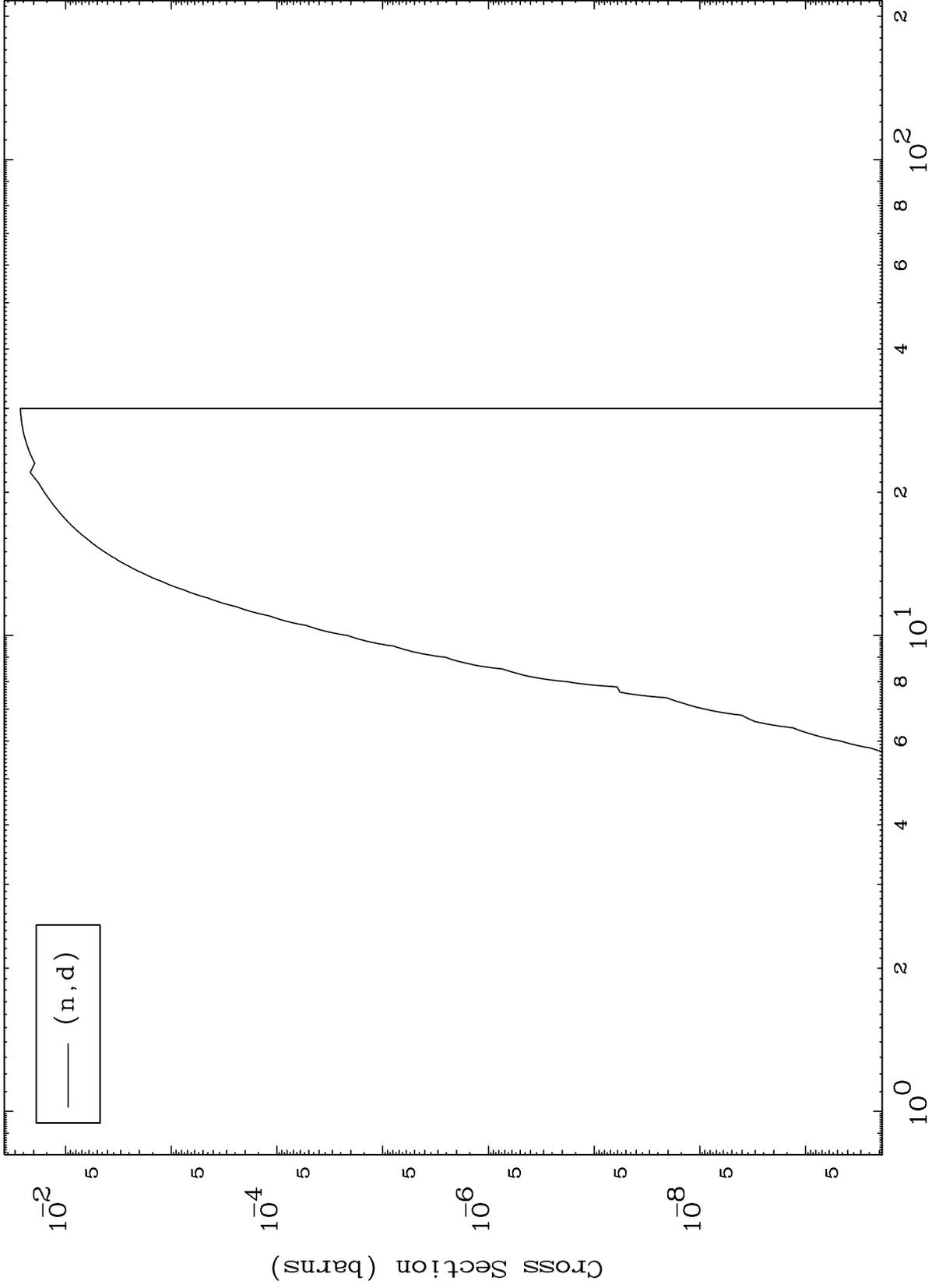
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MAT 8604

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-204



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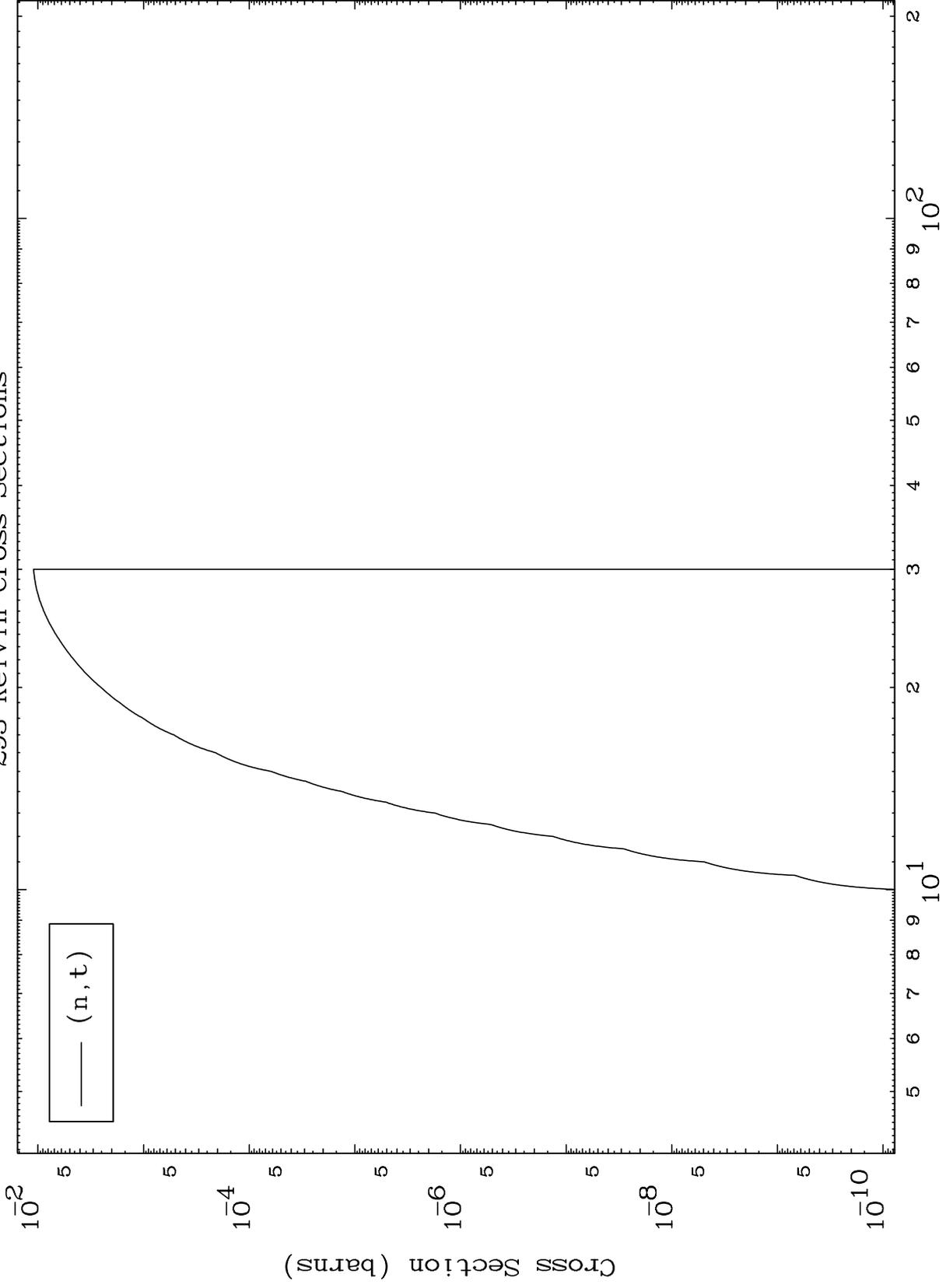
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MAT 8604

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-204



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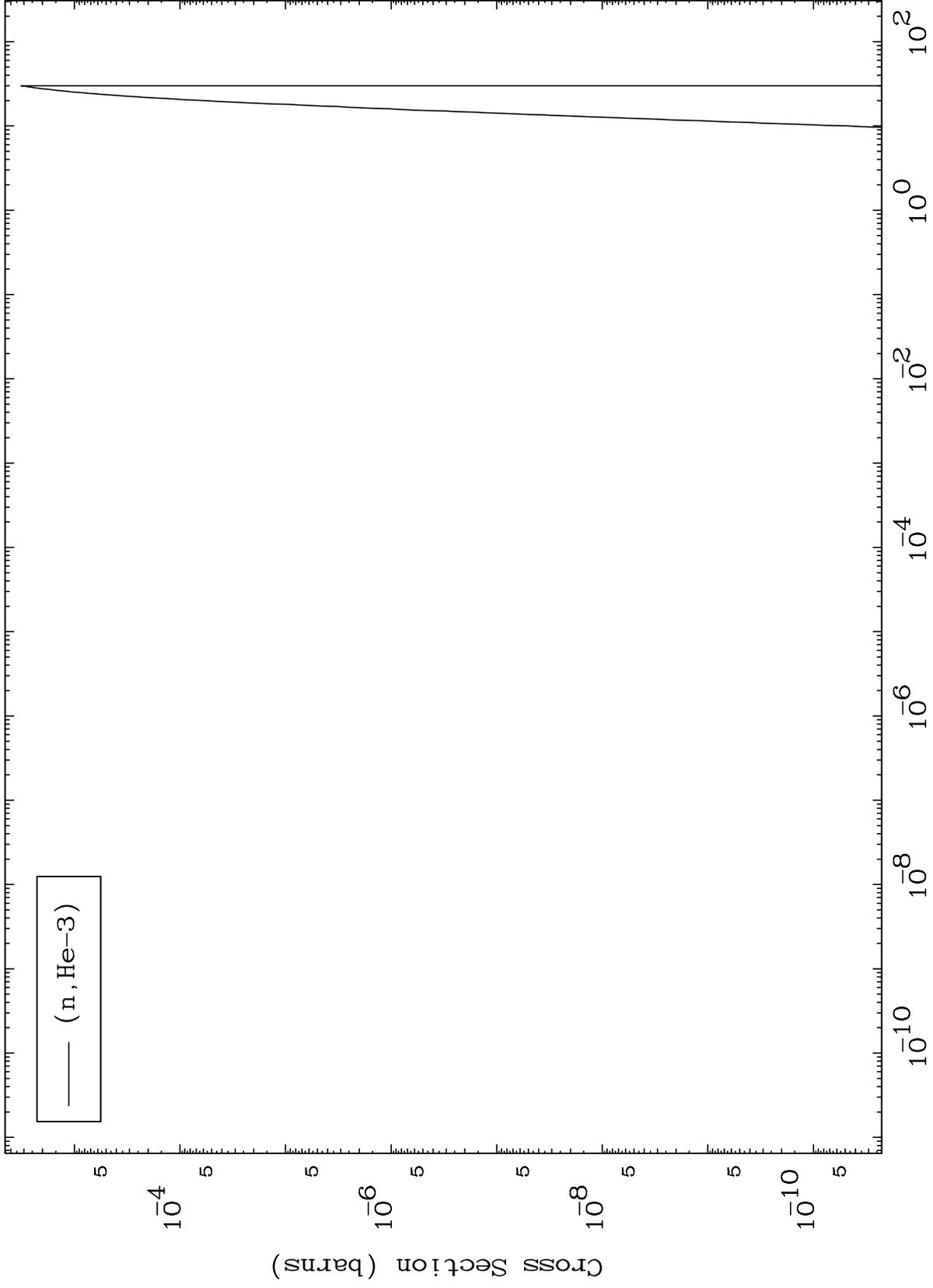
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MAT 8604

(n,He3) Levels
293 Kelvin Cross Sections

86-Rn-204



16

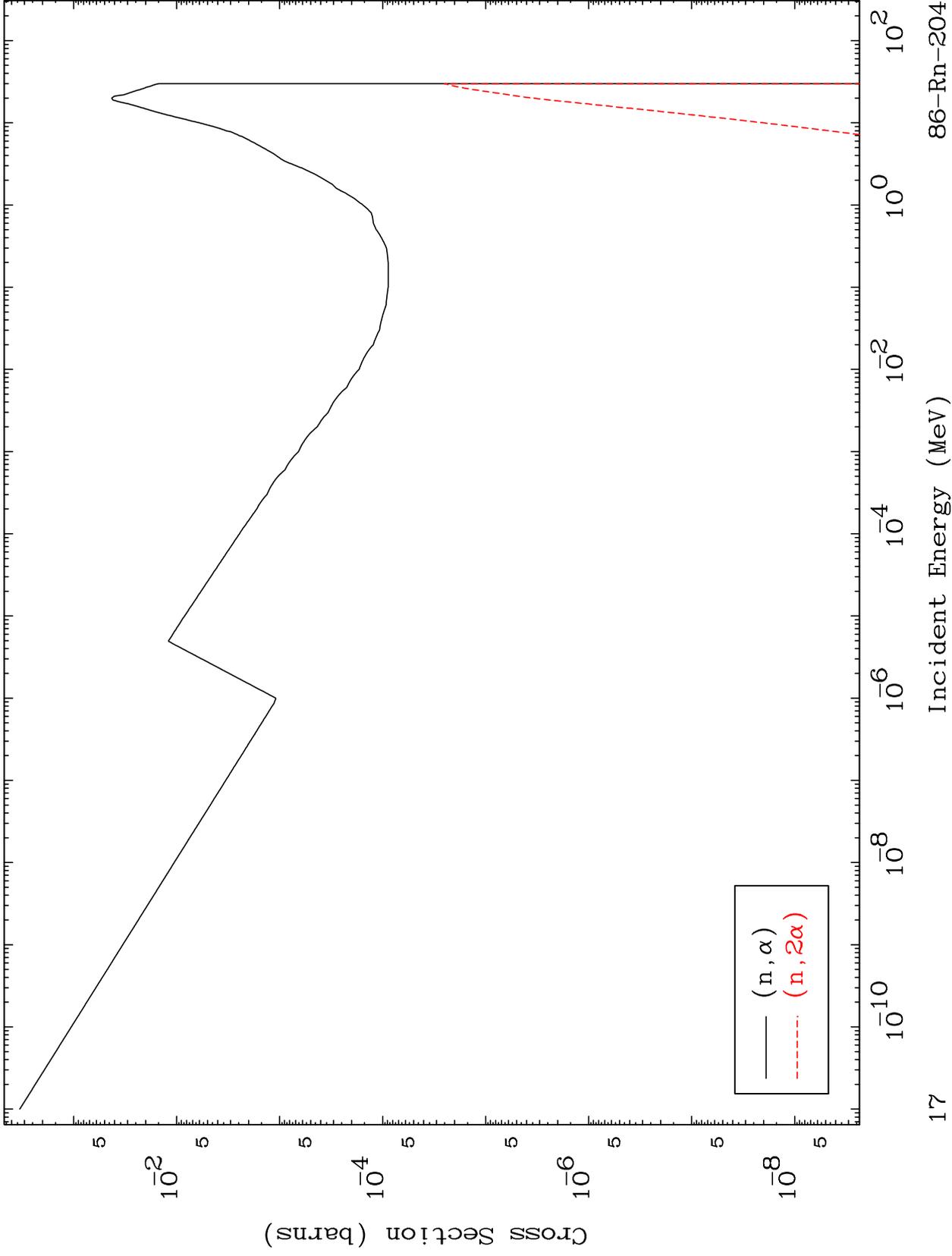
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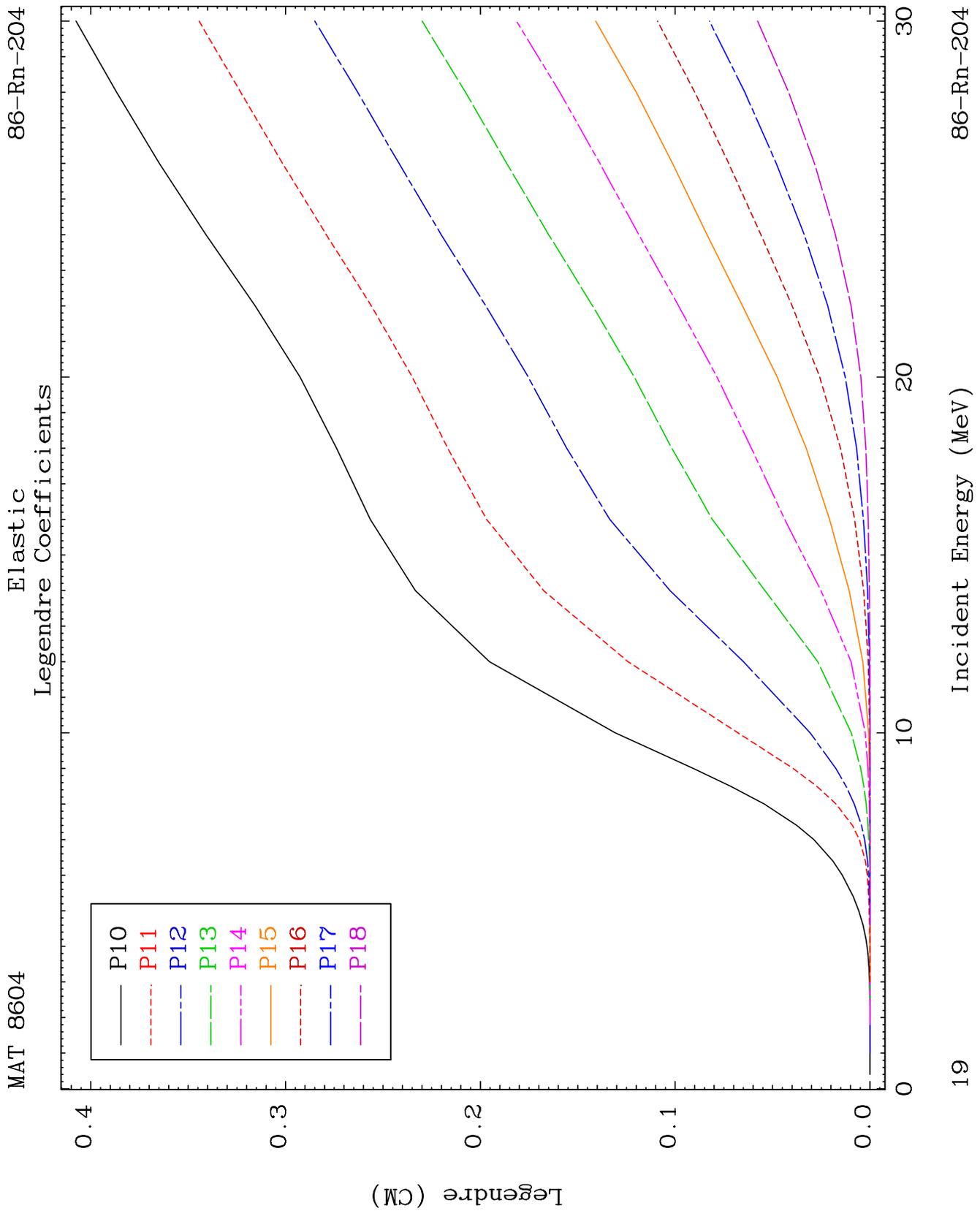
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(n, α) Levels
293 Kelvin Cross Sections

86-Rn-204

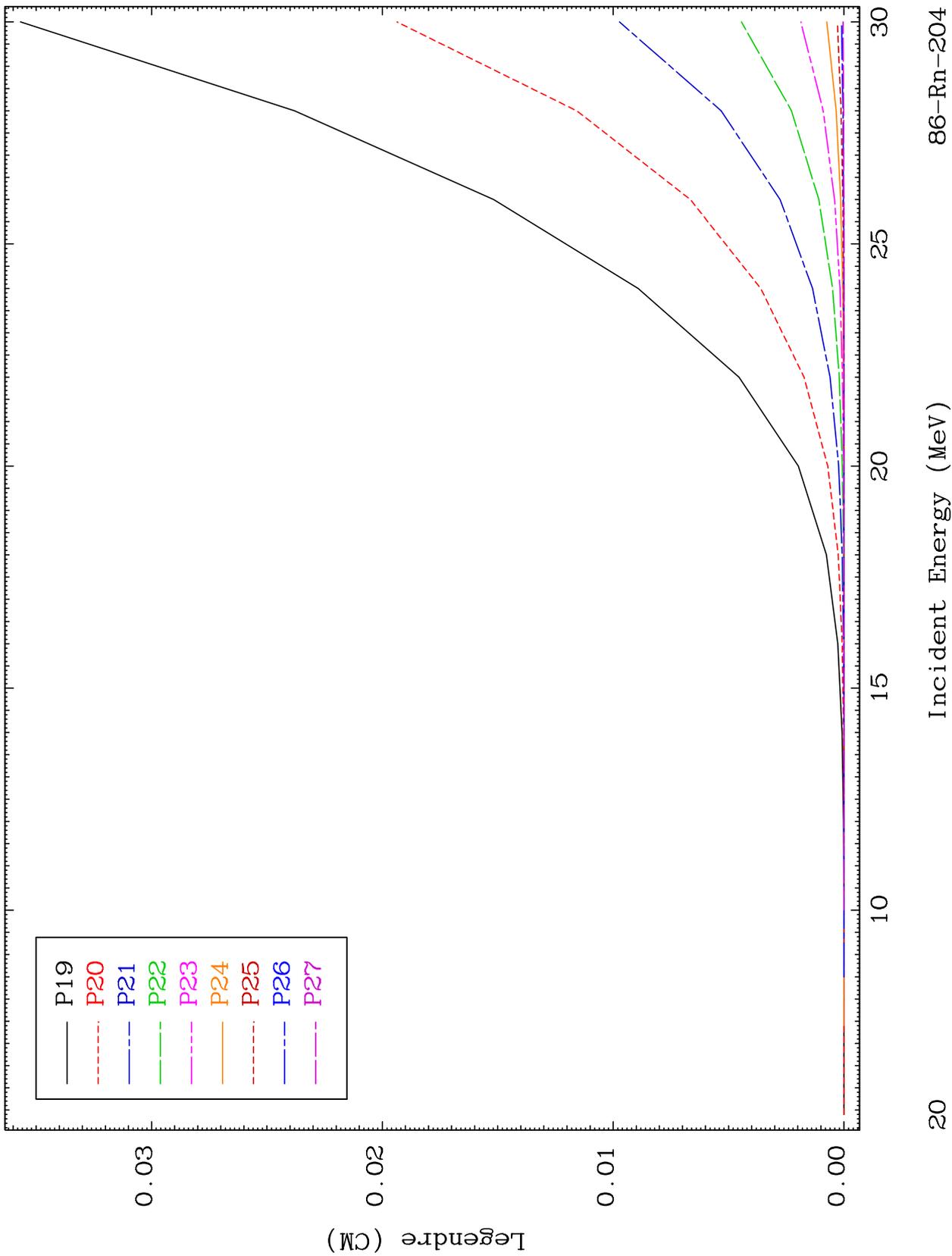




MAT 8604

Elastic Legendre Coefficients

86-Rn-204



86-Rn-204

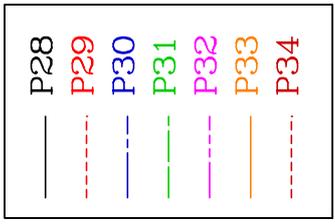
Incident Energy (MeV)

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

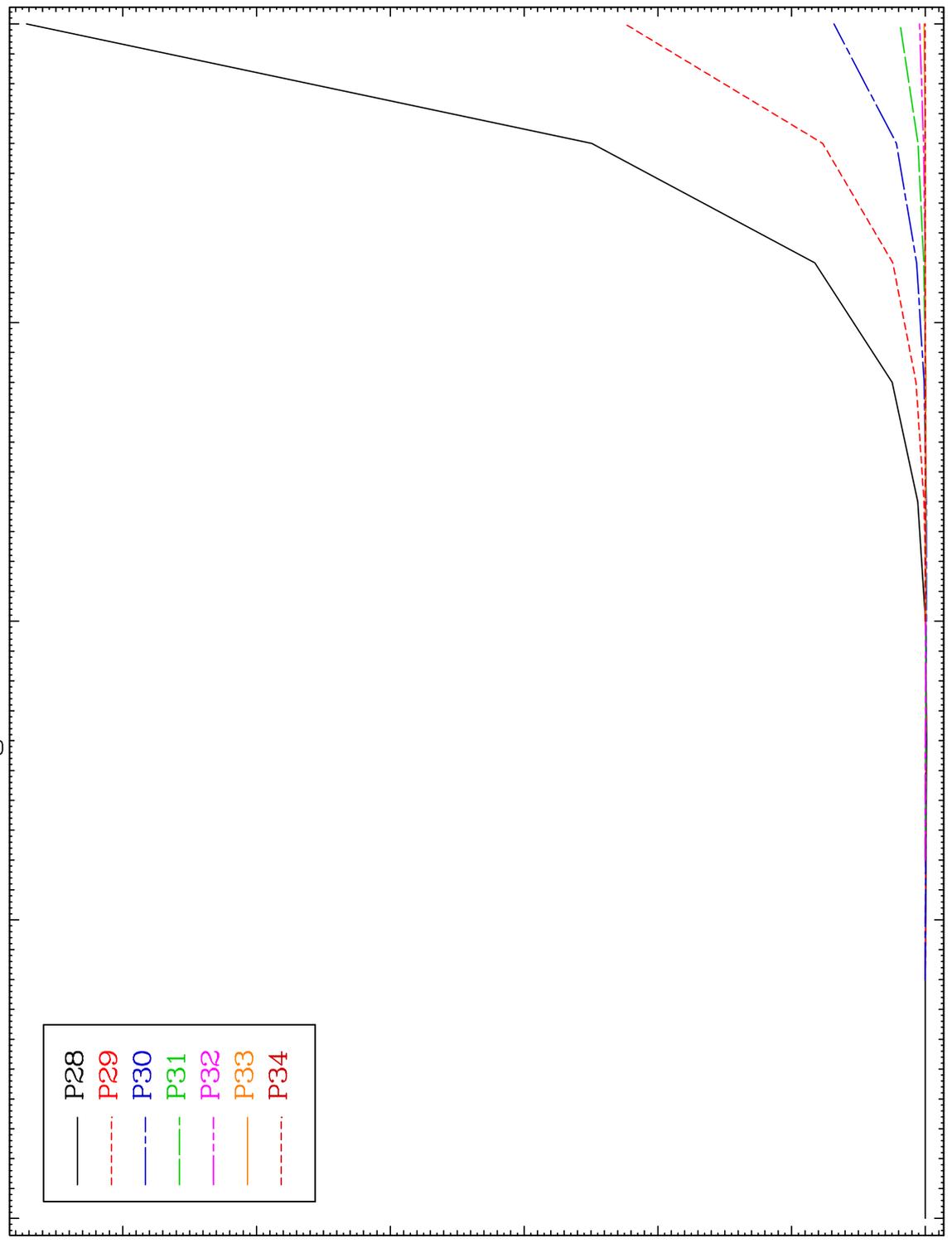
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30

21

Incident Energy (MeV)

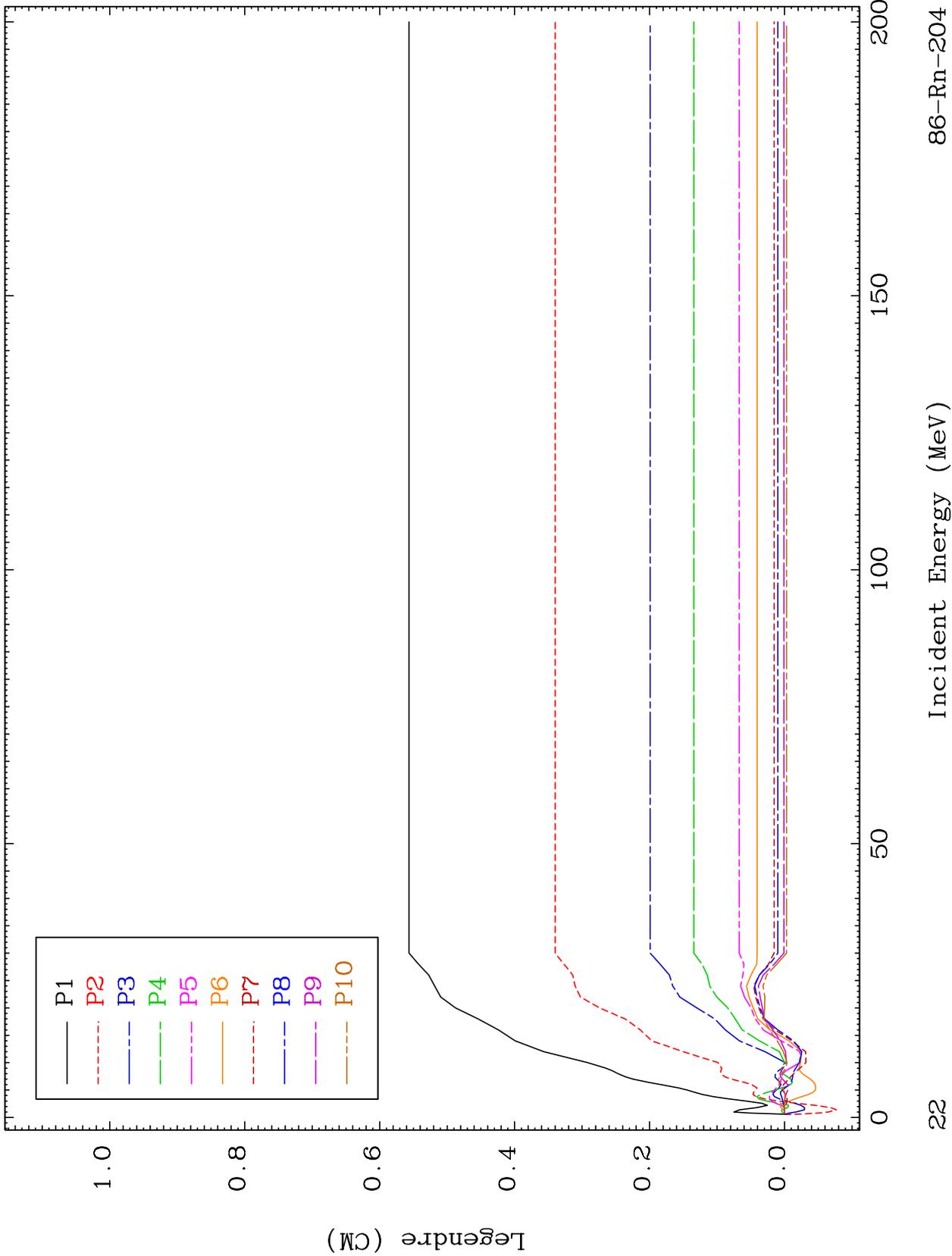
86-Rn-204



MAT 8604

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

86-Rn-204



22

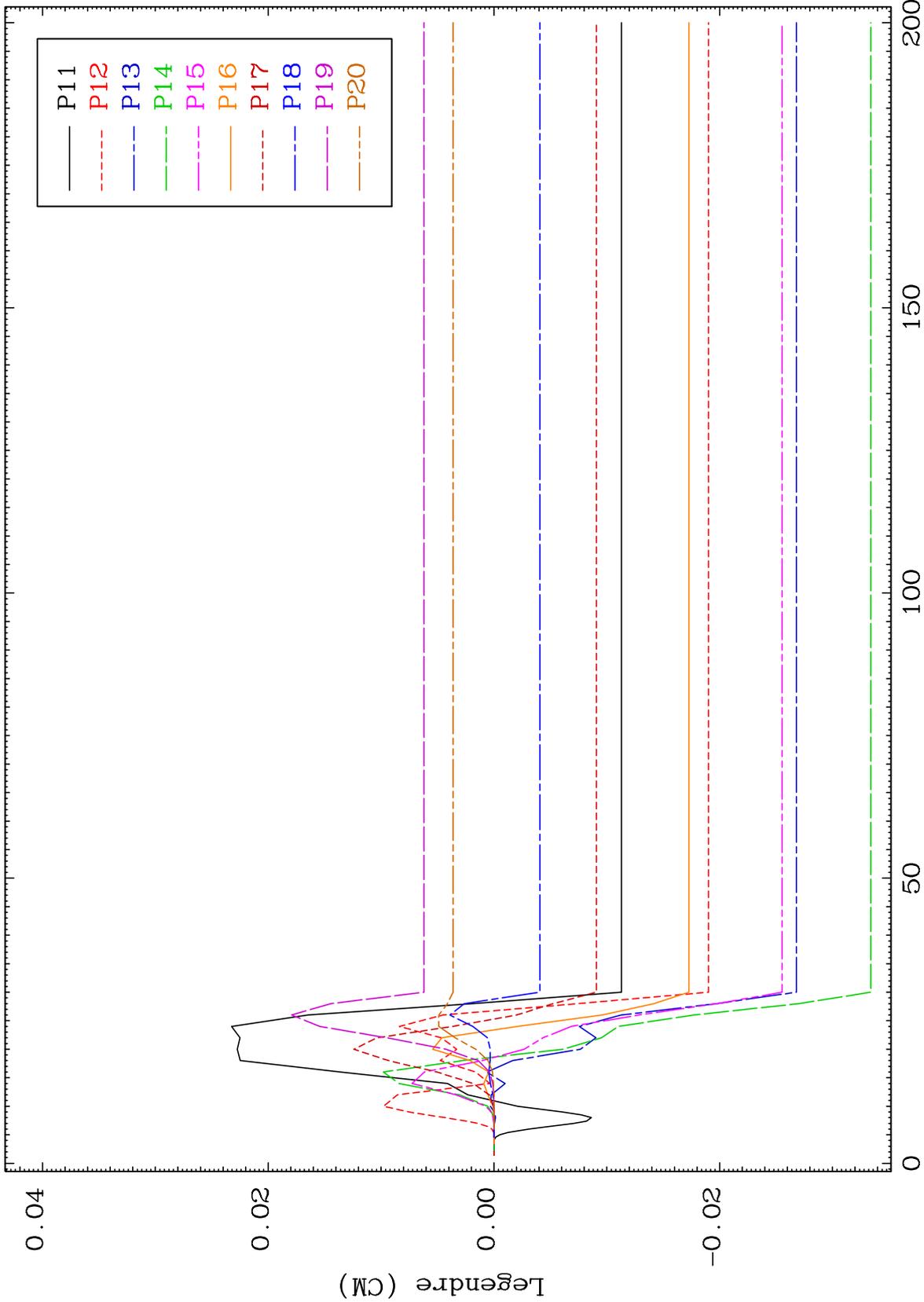
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



23

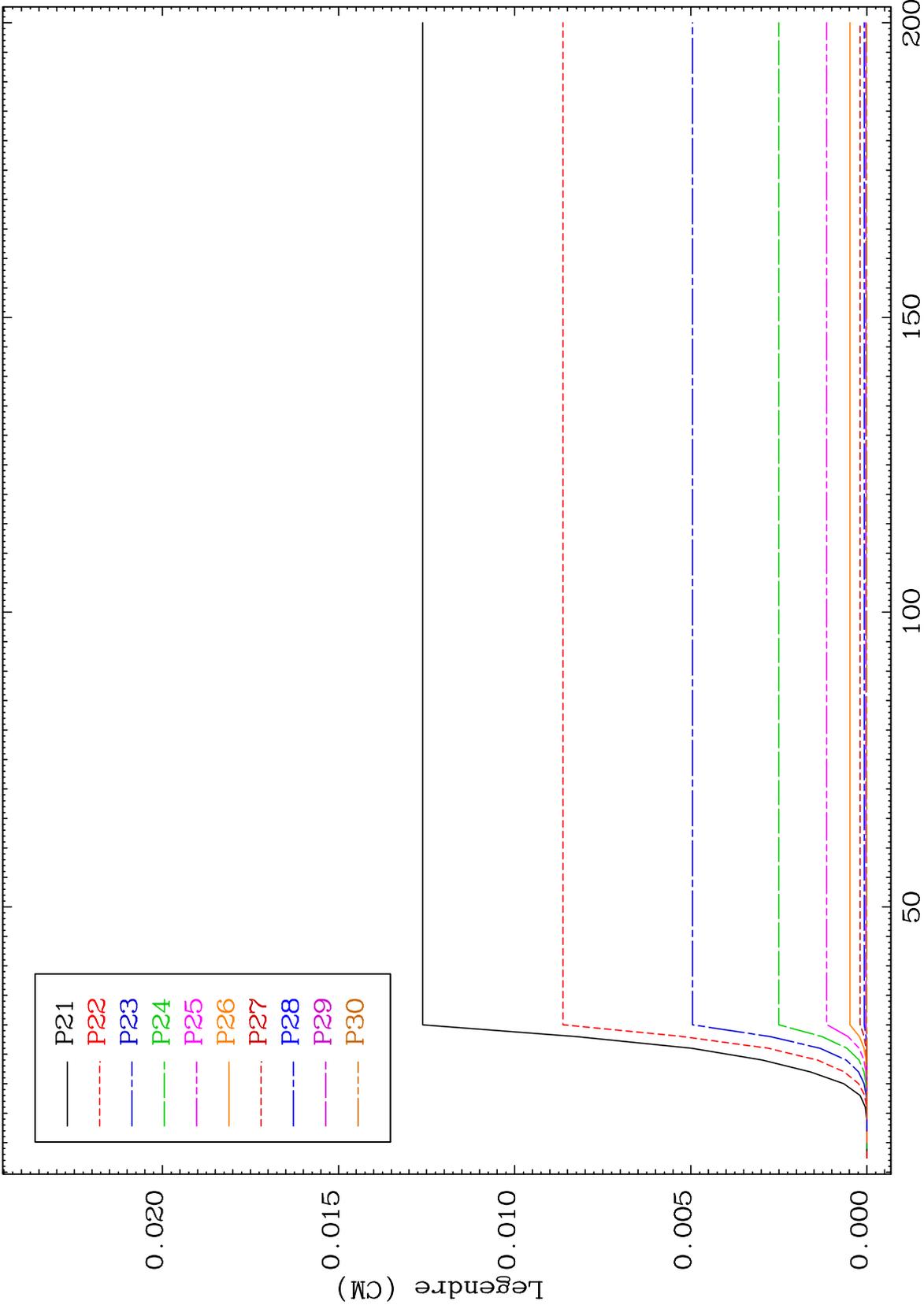
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

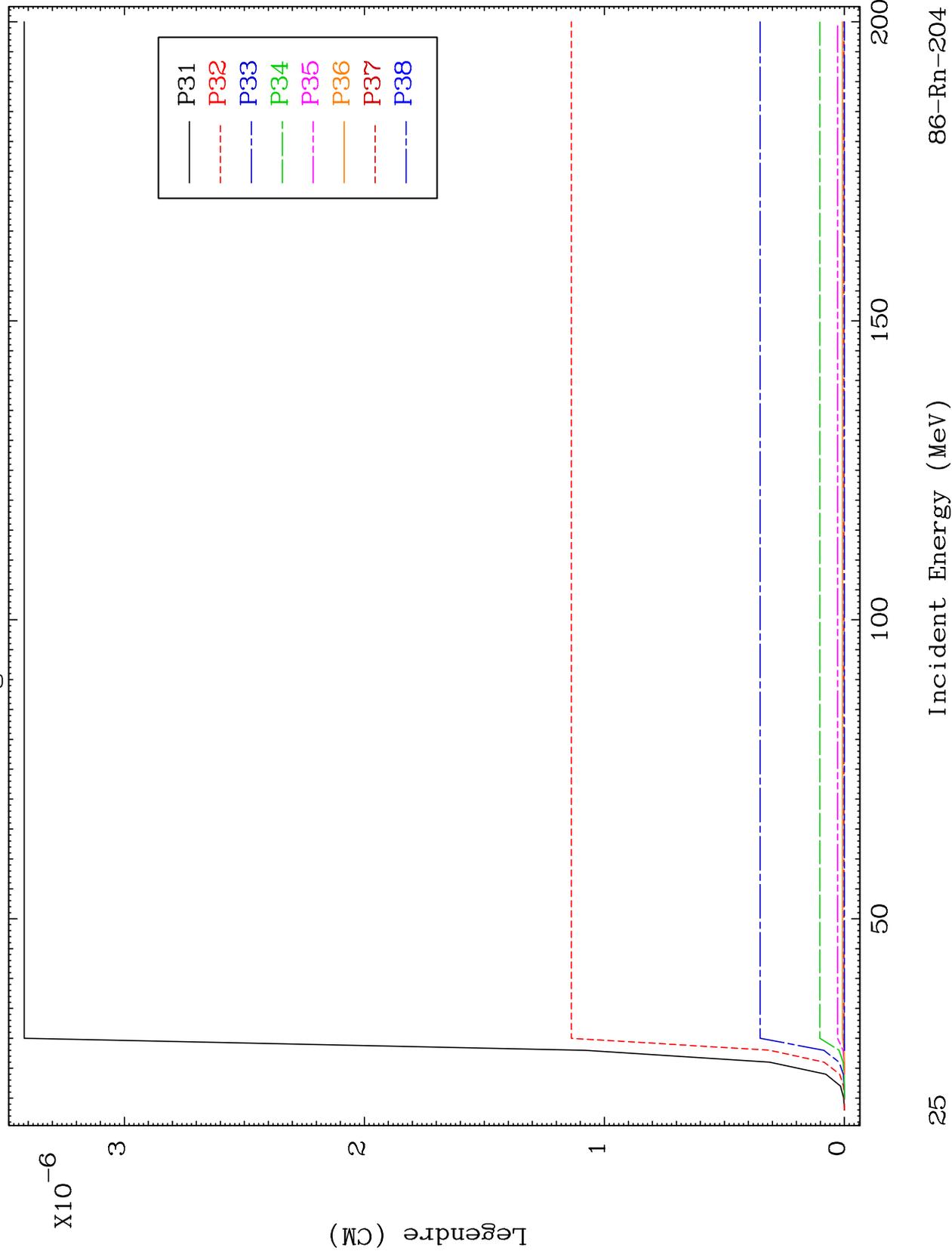
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MAT 8604

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

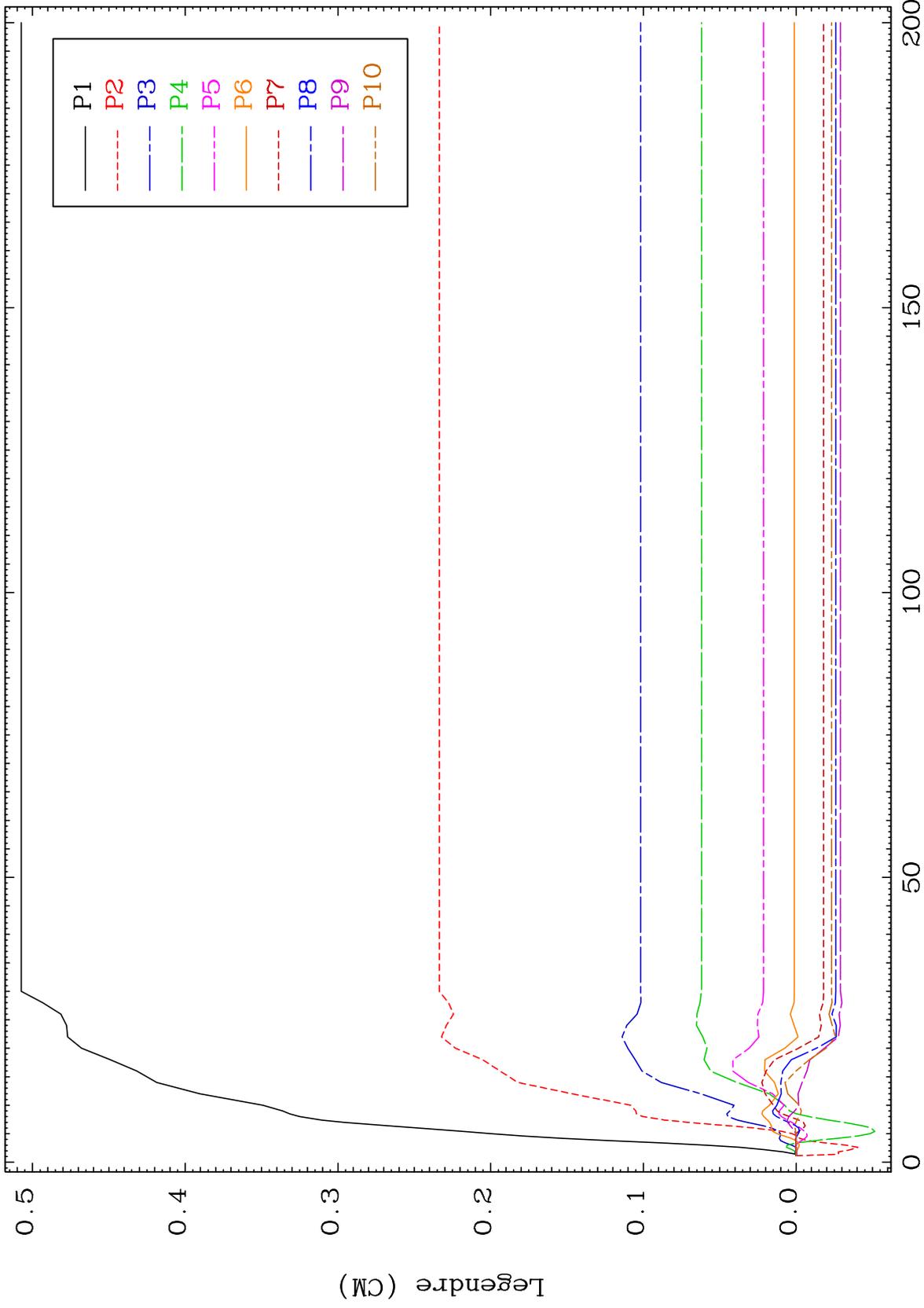
86-Rn-204



MAT 8604

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

86-Rn-204



26

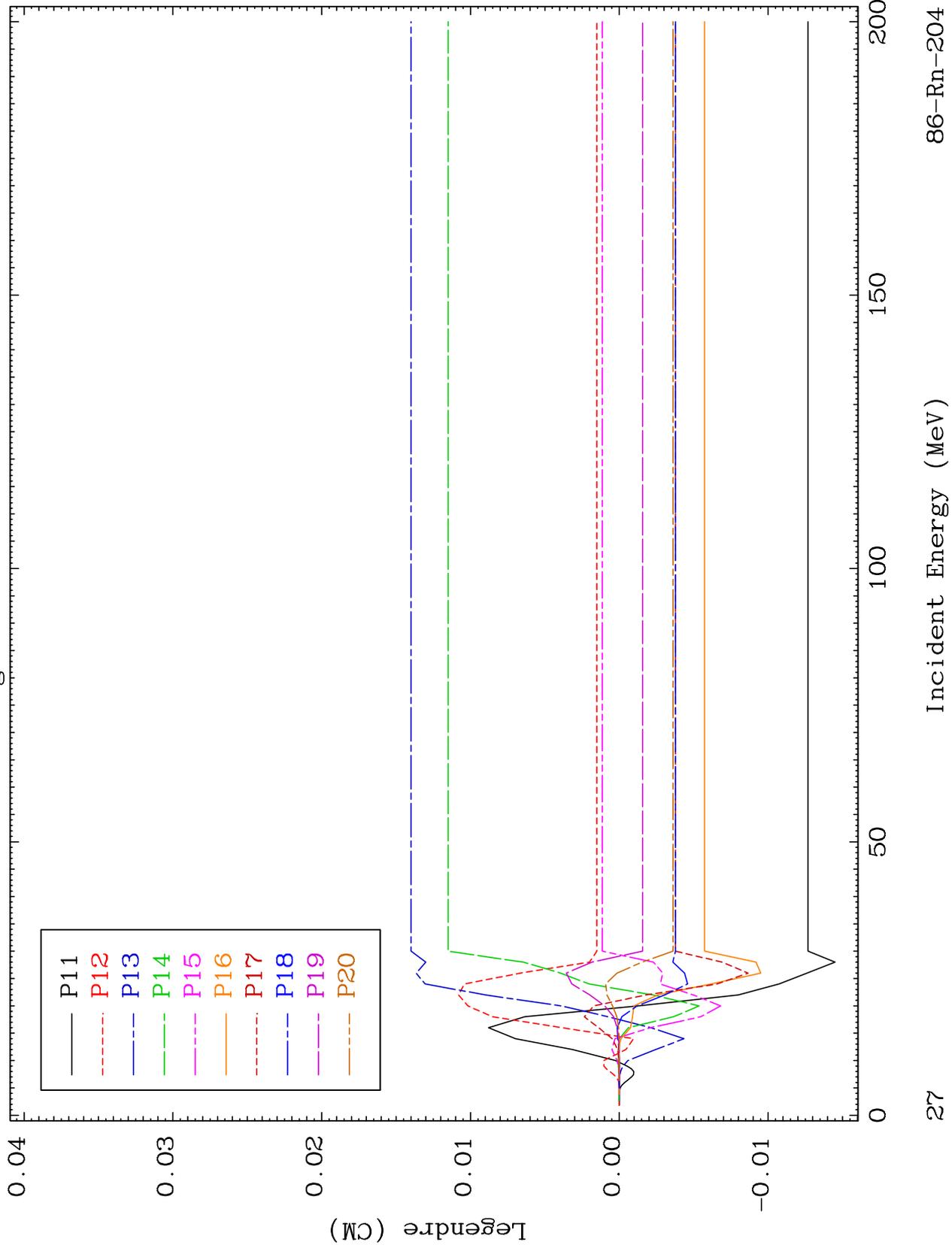
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



27

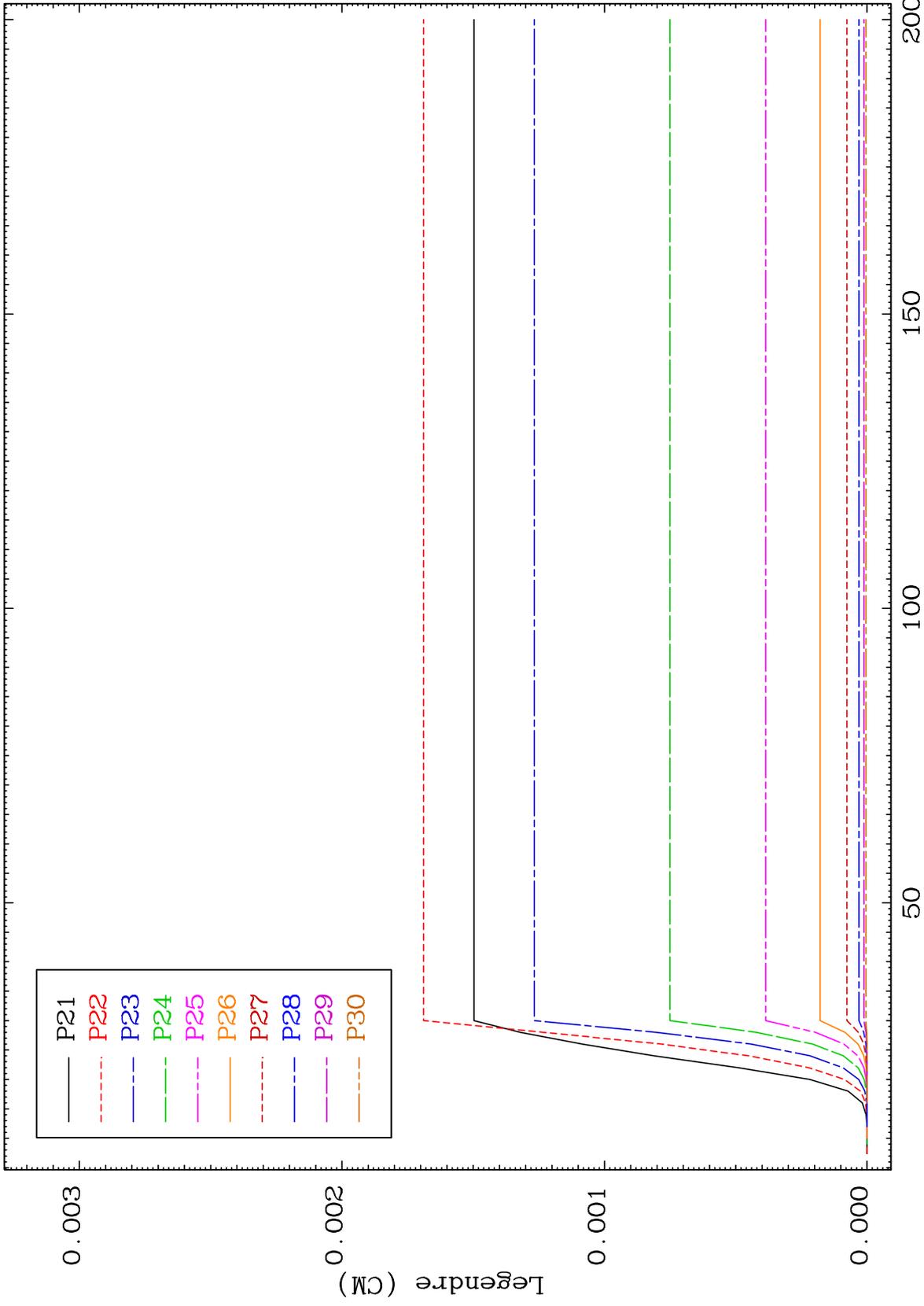
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



28

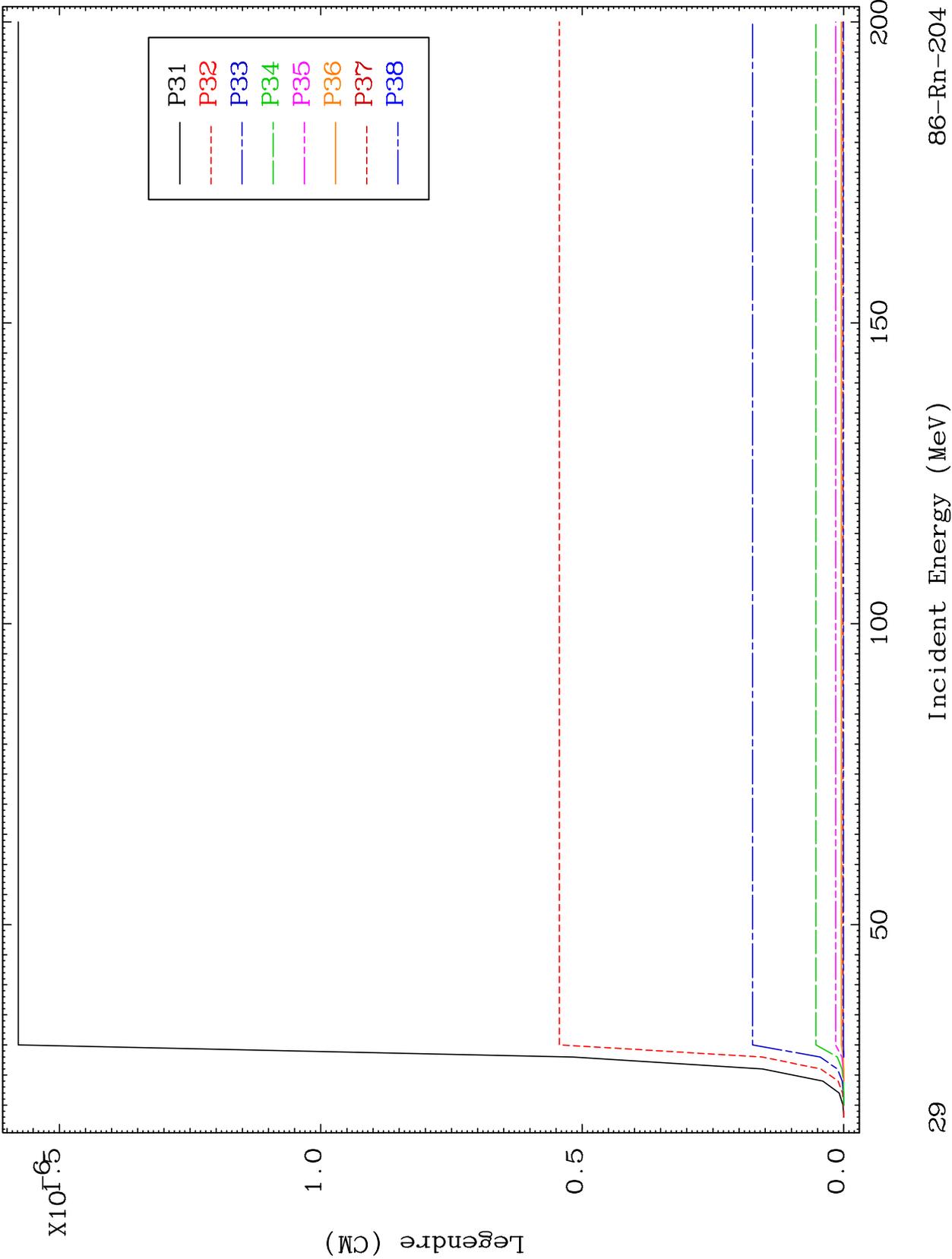
Incident Energy (MeV)

86-Rn-204

MAT 8604

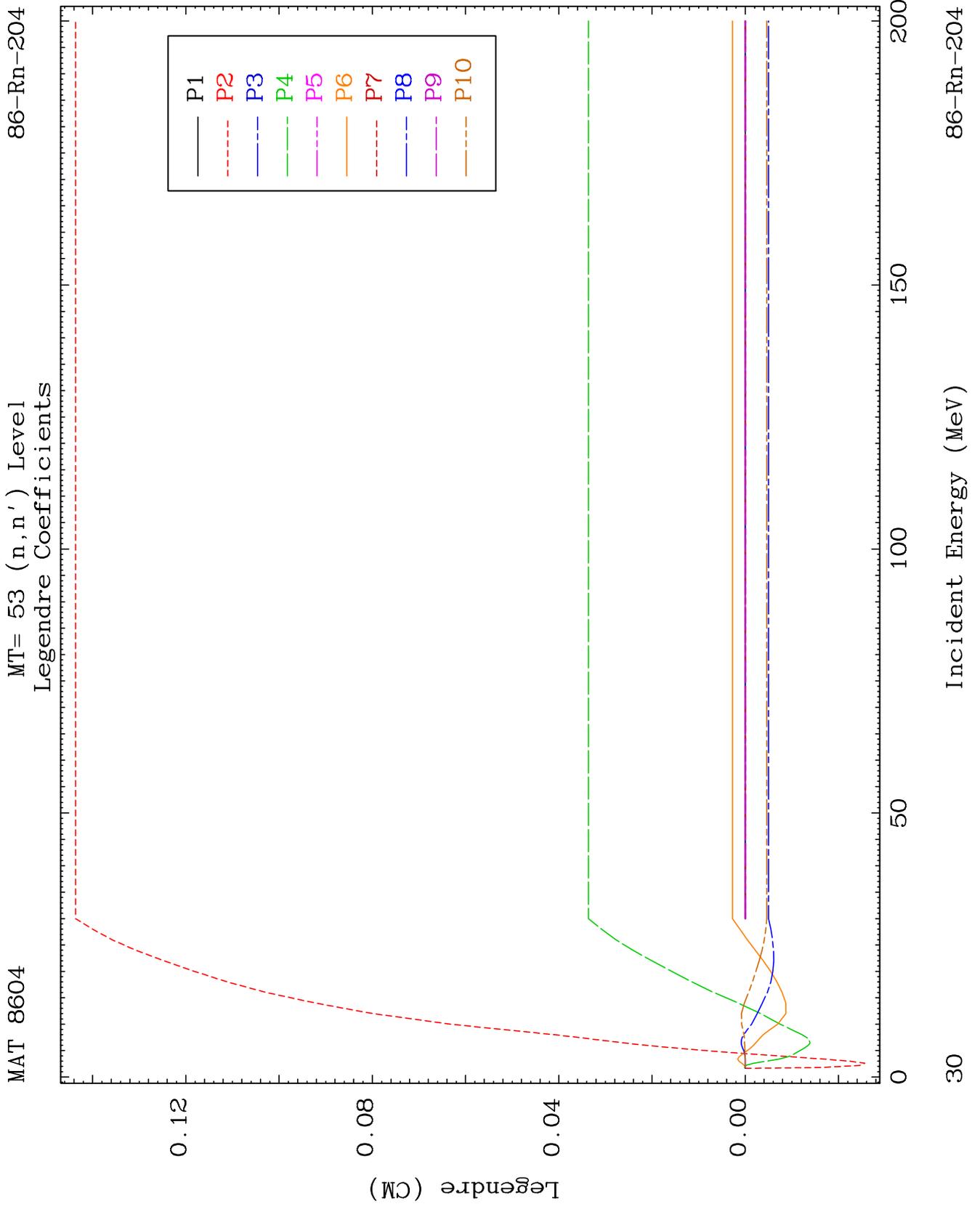
MT= 52 (n,n') Level
Legendre Coefficients

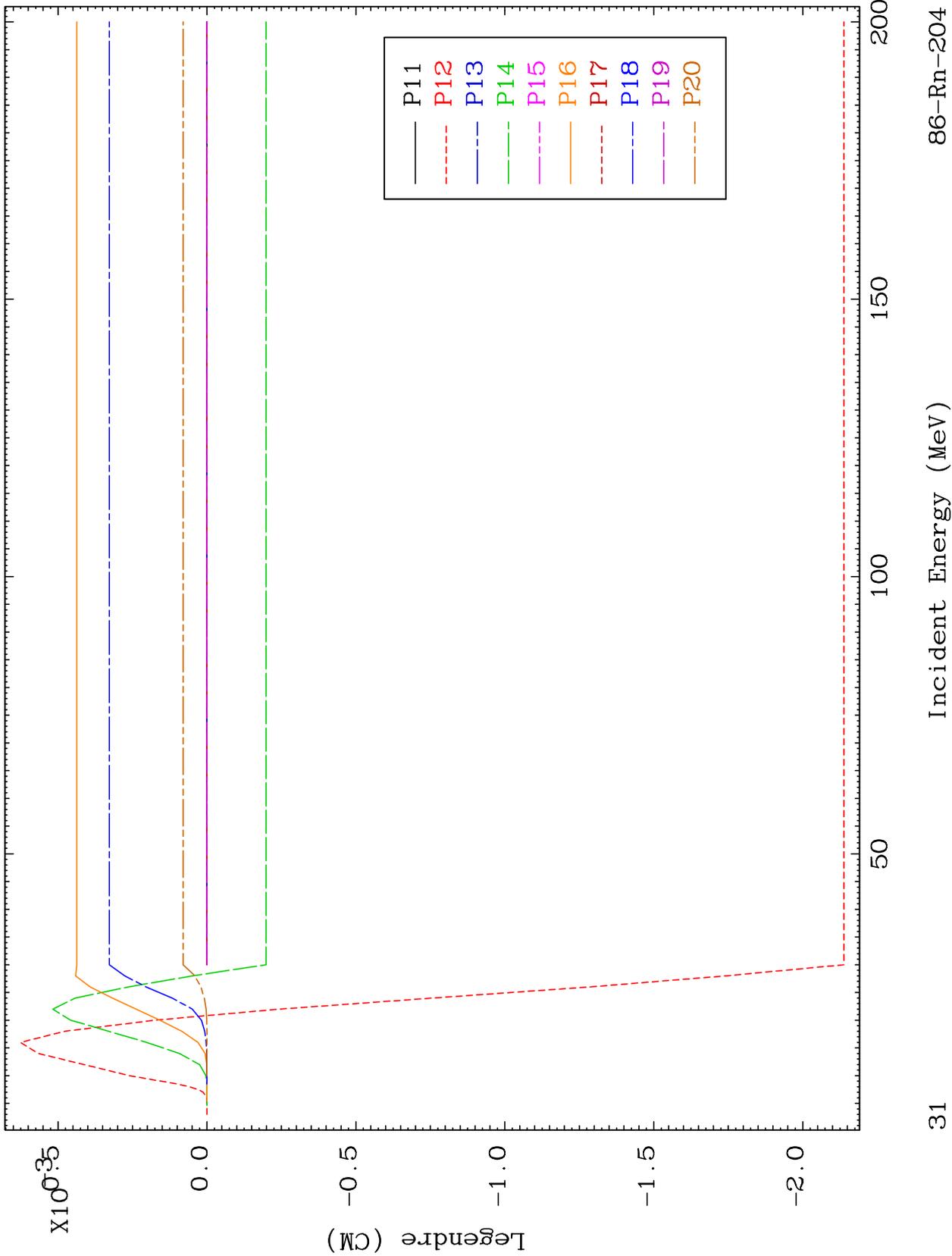
86-Rn-204



29

86-Rn-204

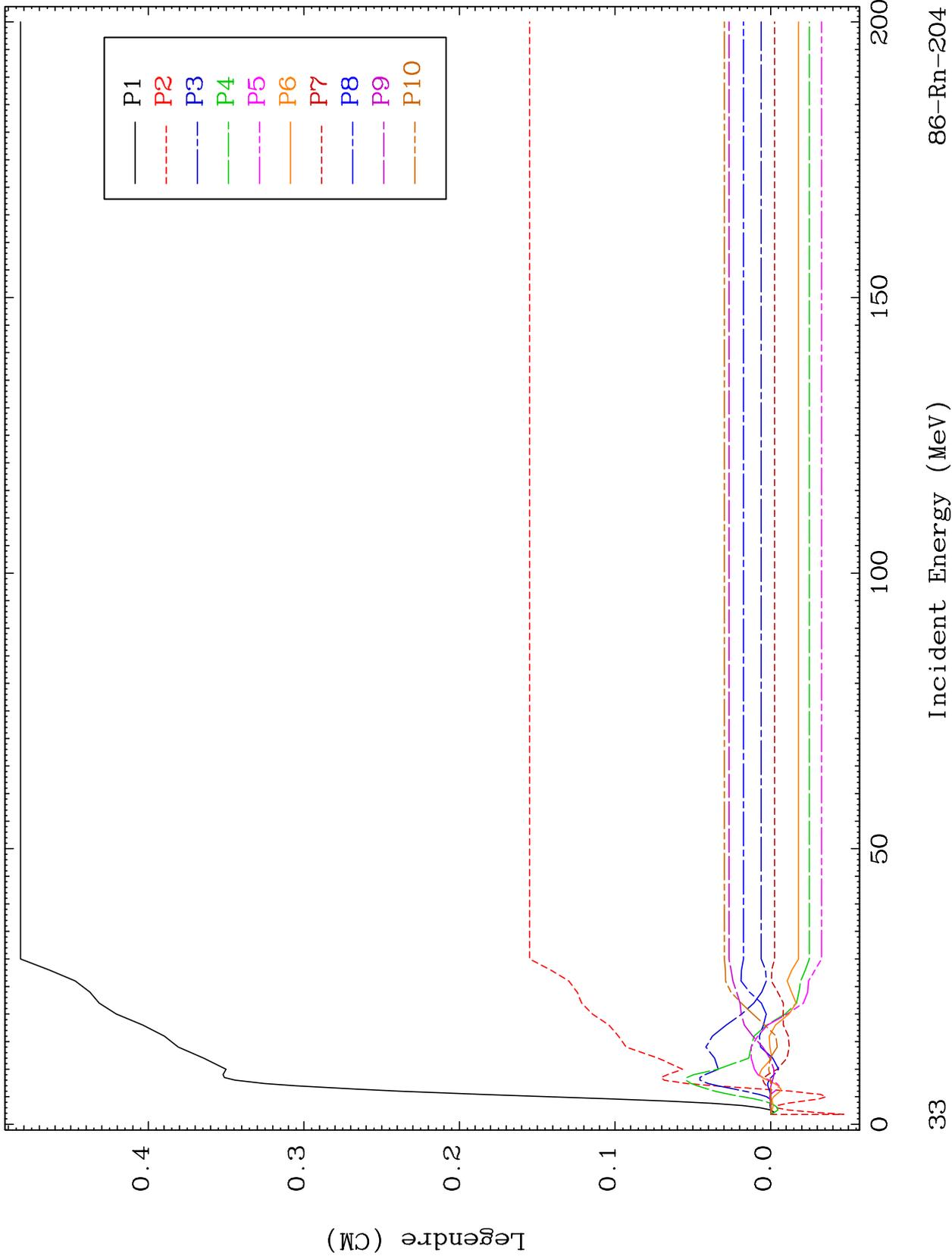




MAT 8604

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

86-Rn-204



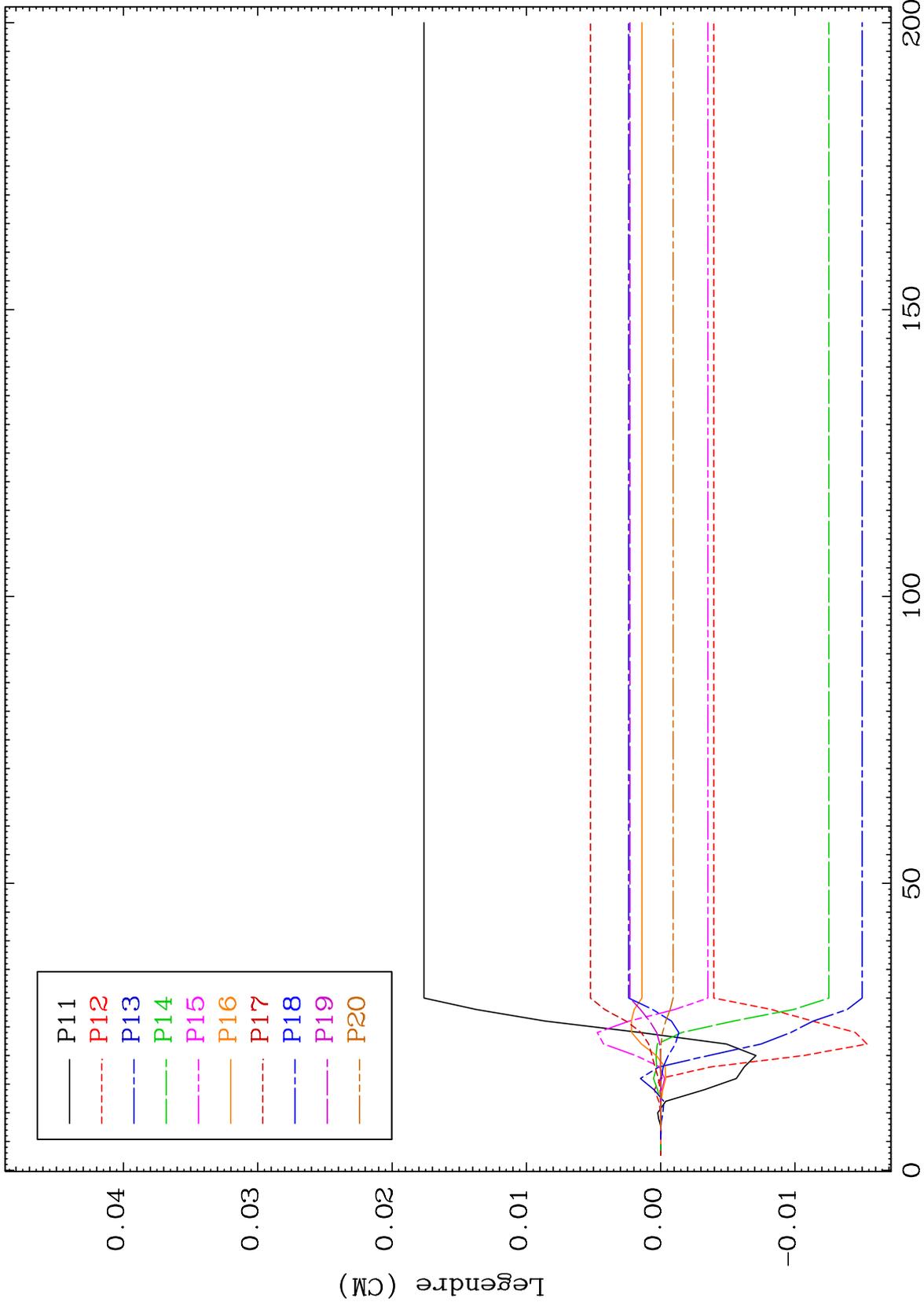
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86-Rn-204

MAT 8604

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

86-Rn-204



34

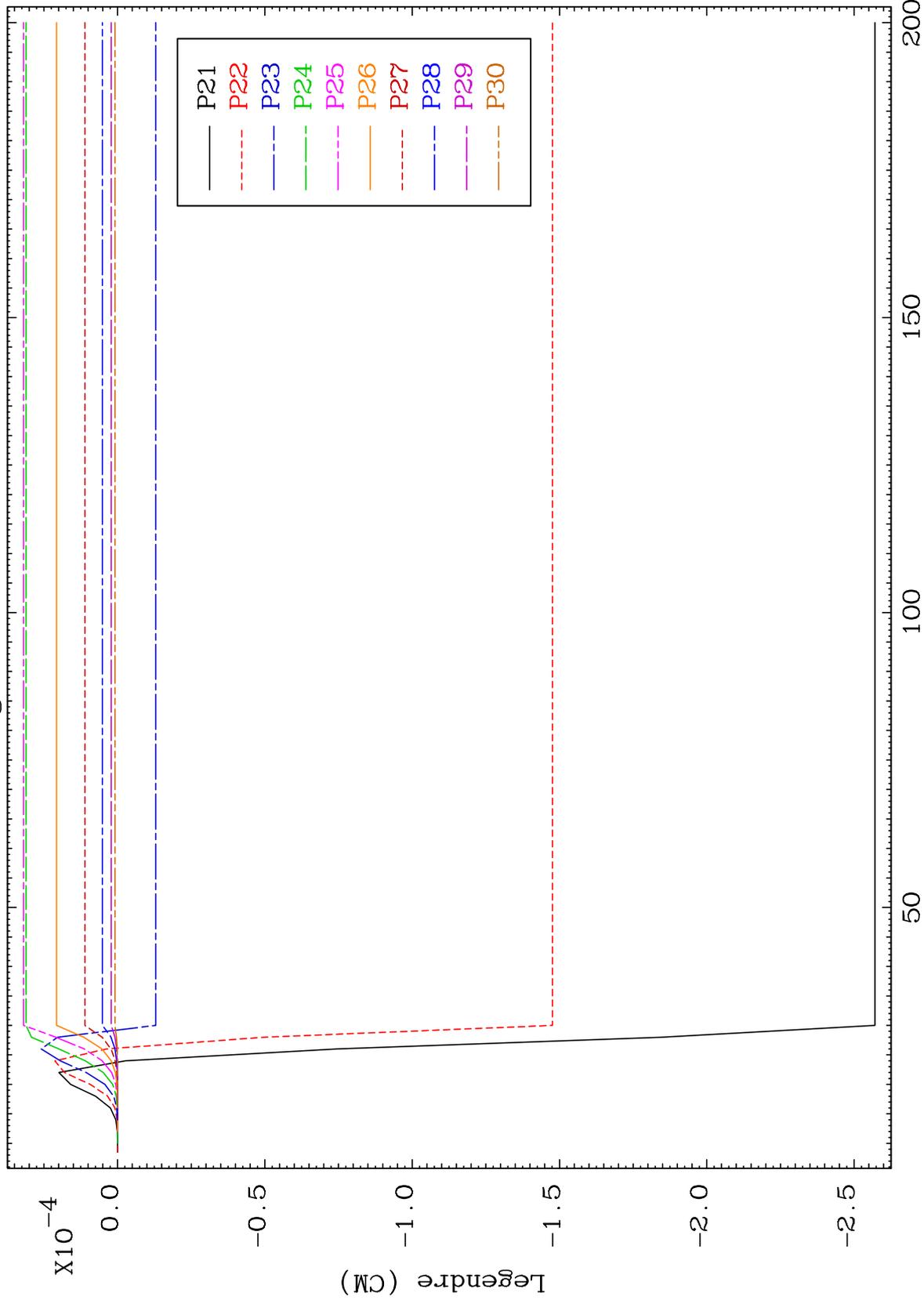
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



35

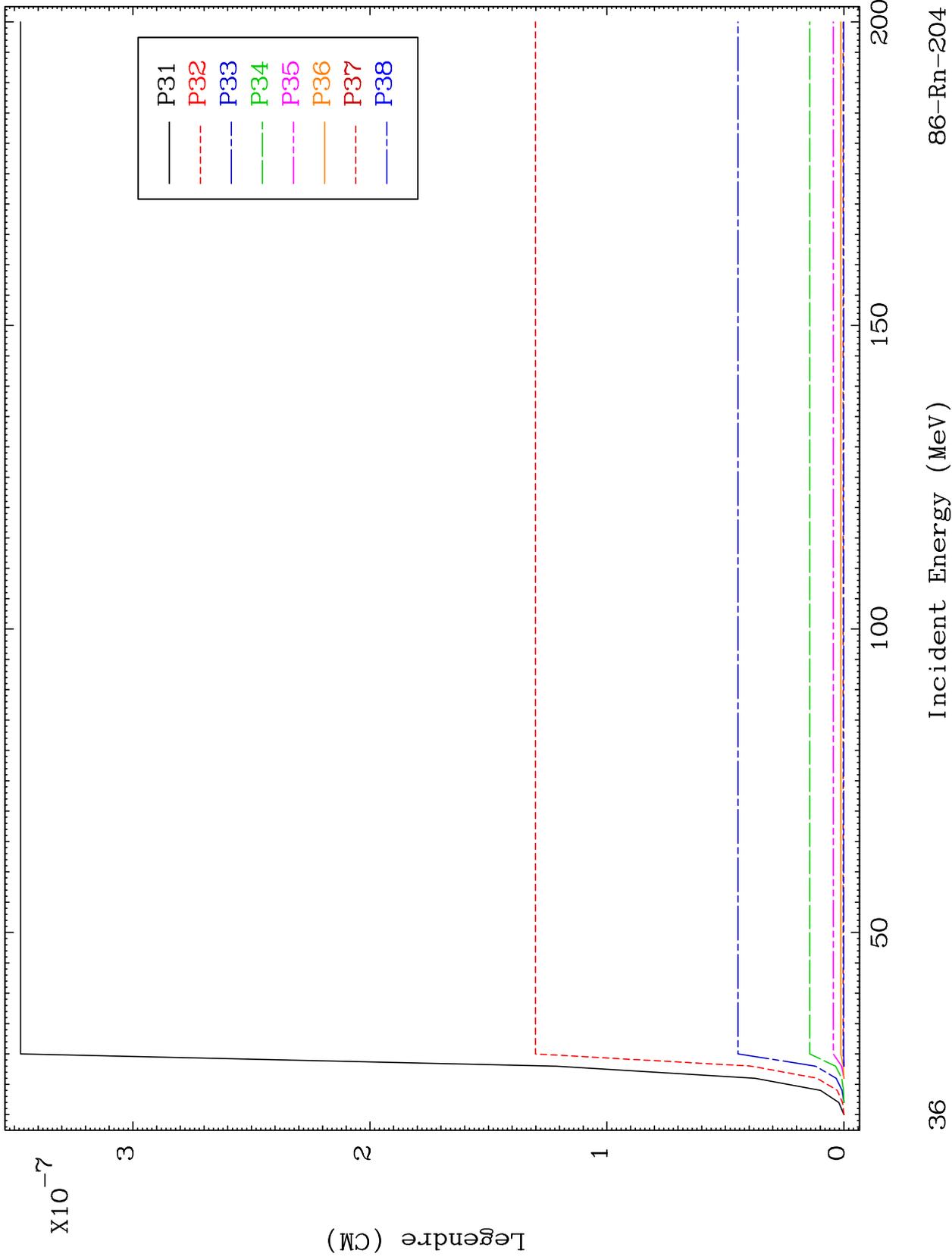
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

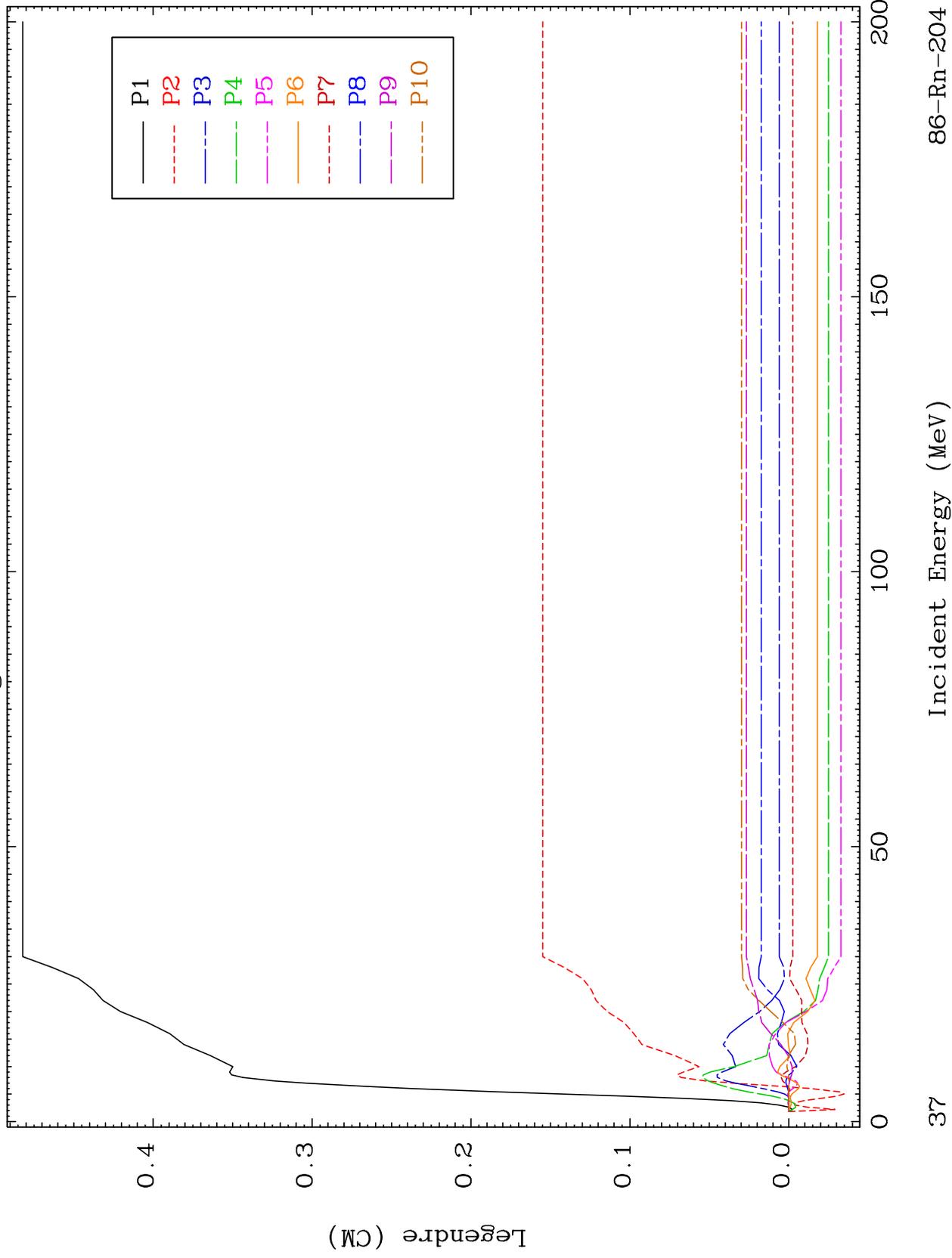
86-Rn-204



MAT 8604

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

86-Rn-204



86-Rn-204

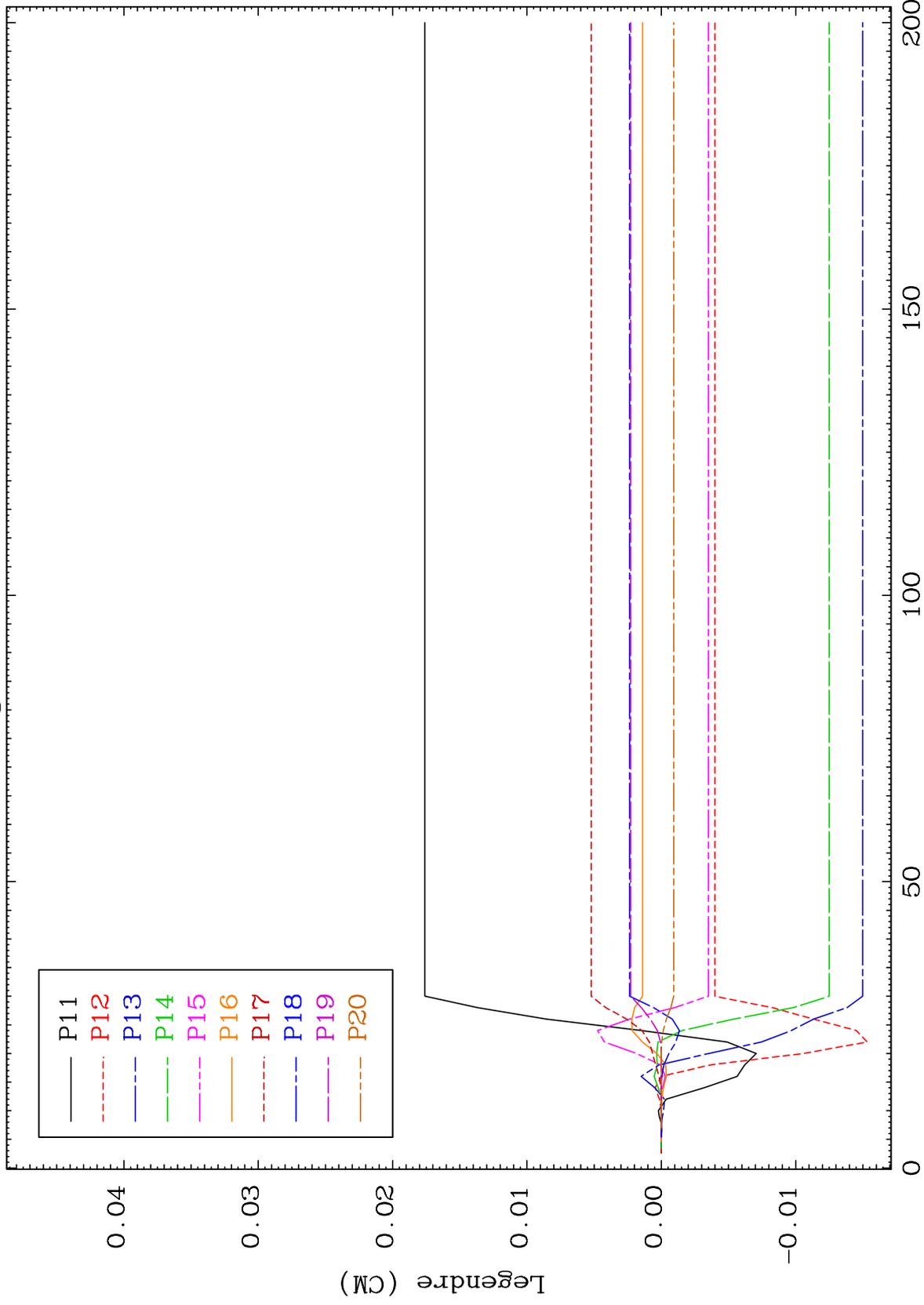
Incident Energy (MeV)

37

MAT 8604

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

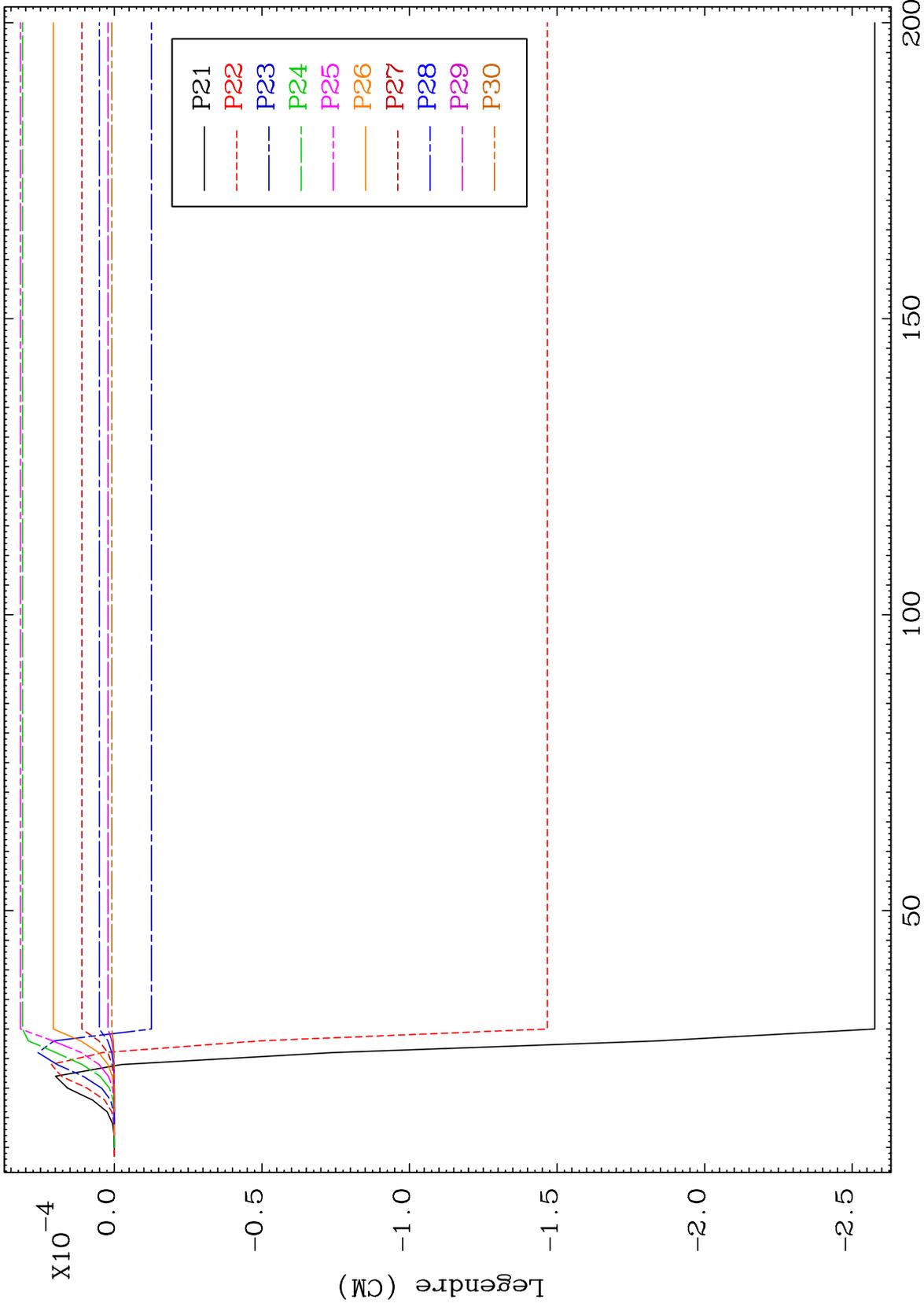
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38

Incident Energy (MeV)

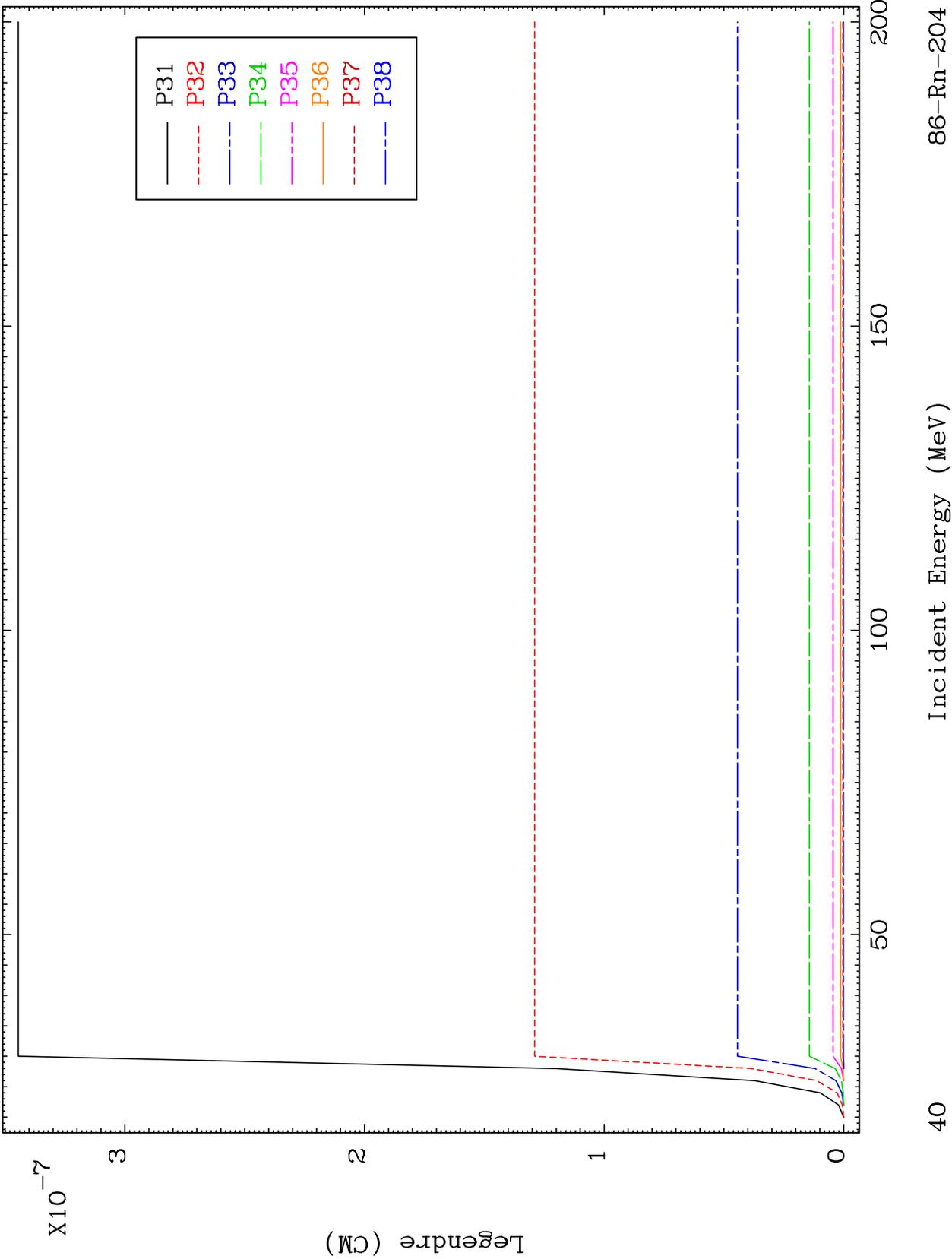
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MAT 8604

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

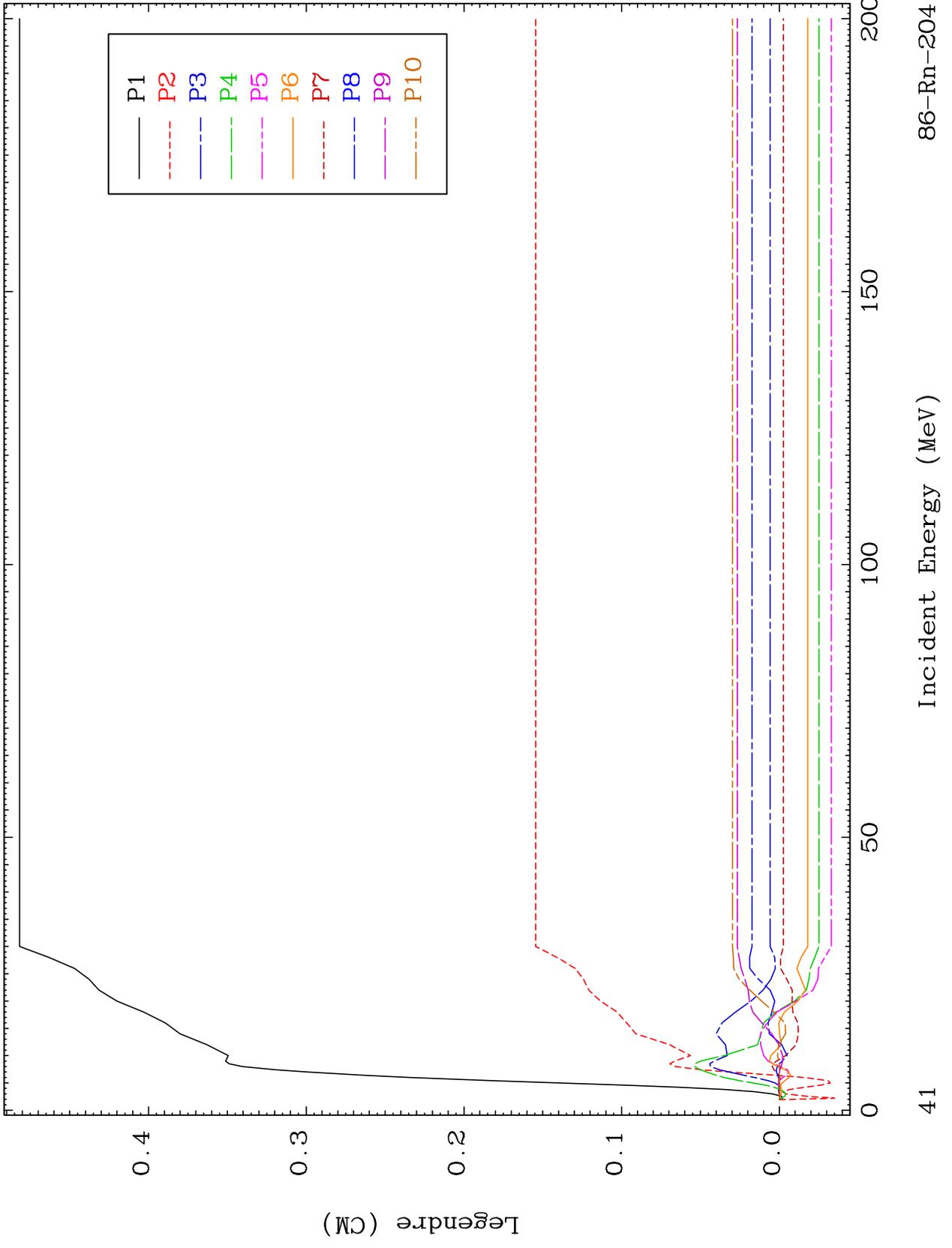
86-Rn-204



MAT 8604

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

86-Rn-204



41

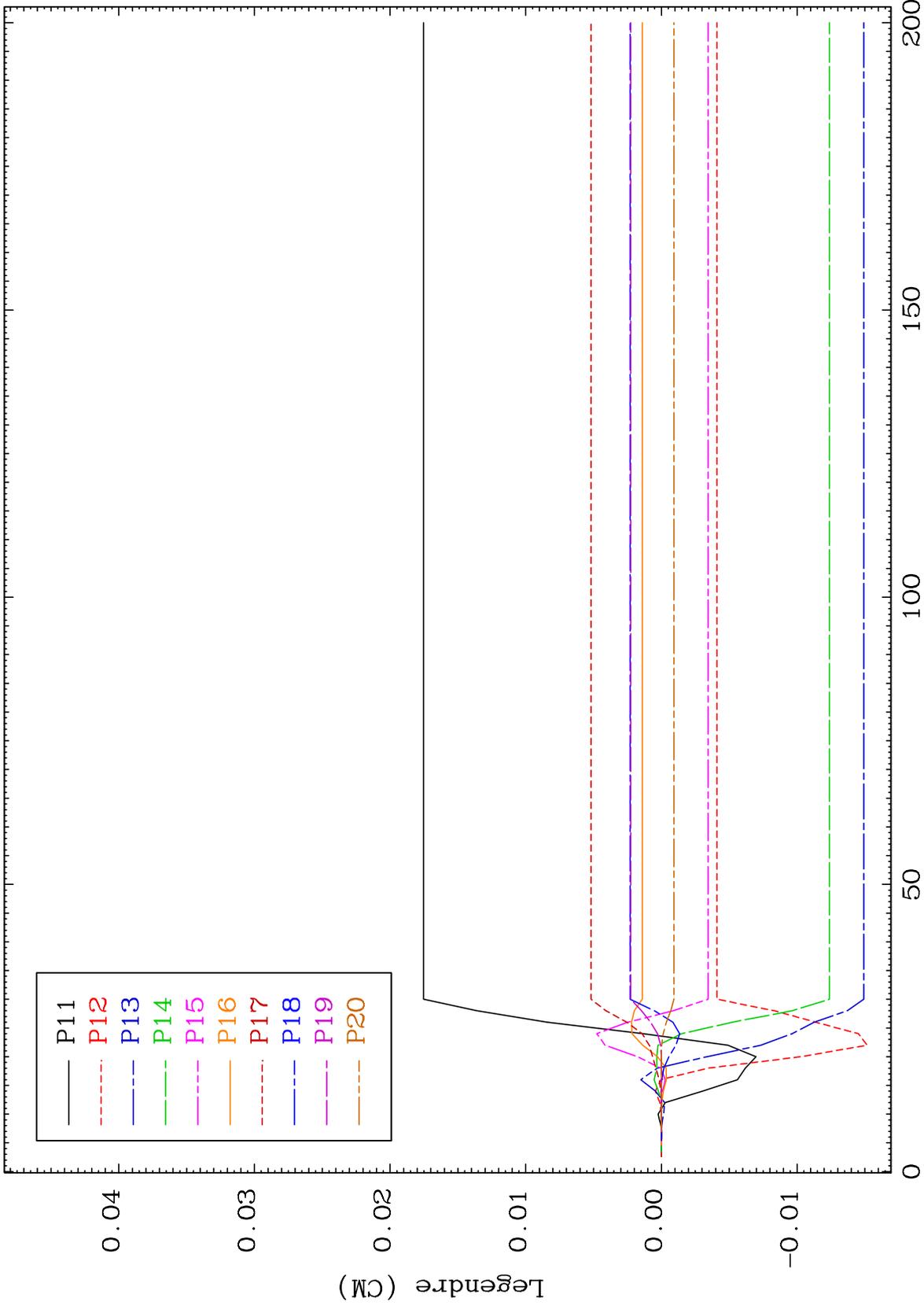
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



42

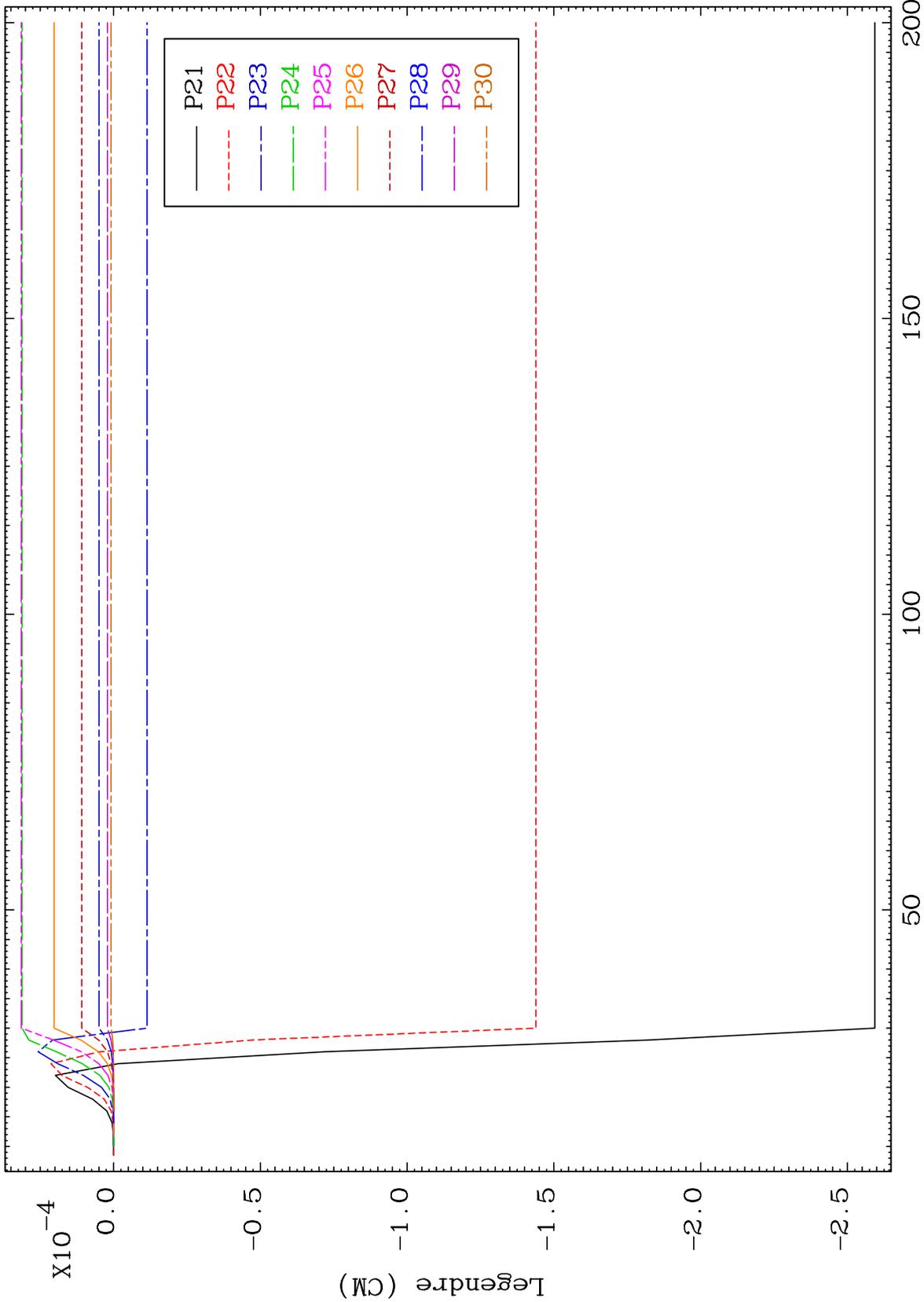
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



43

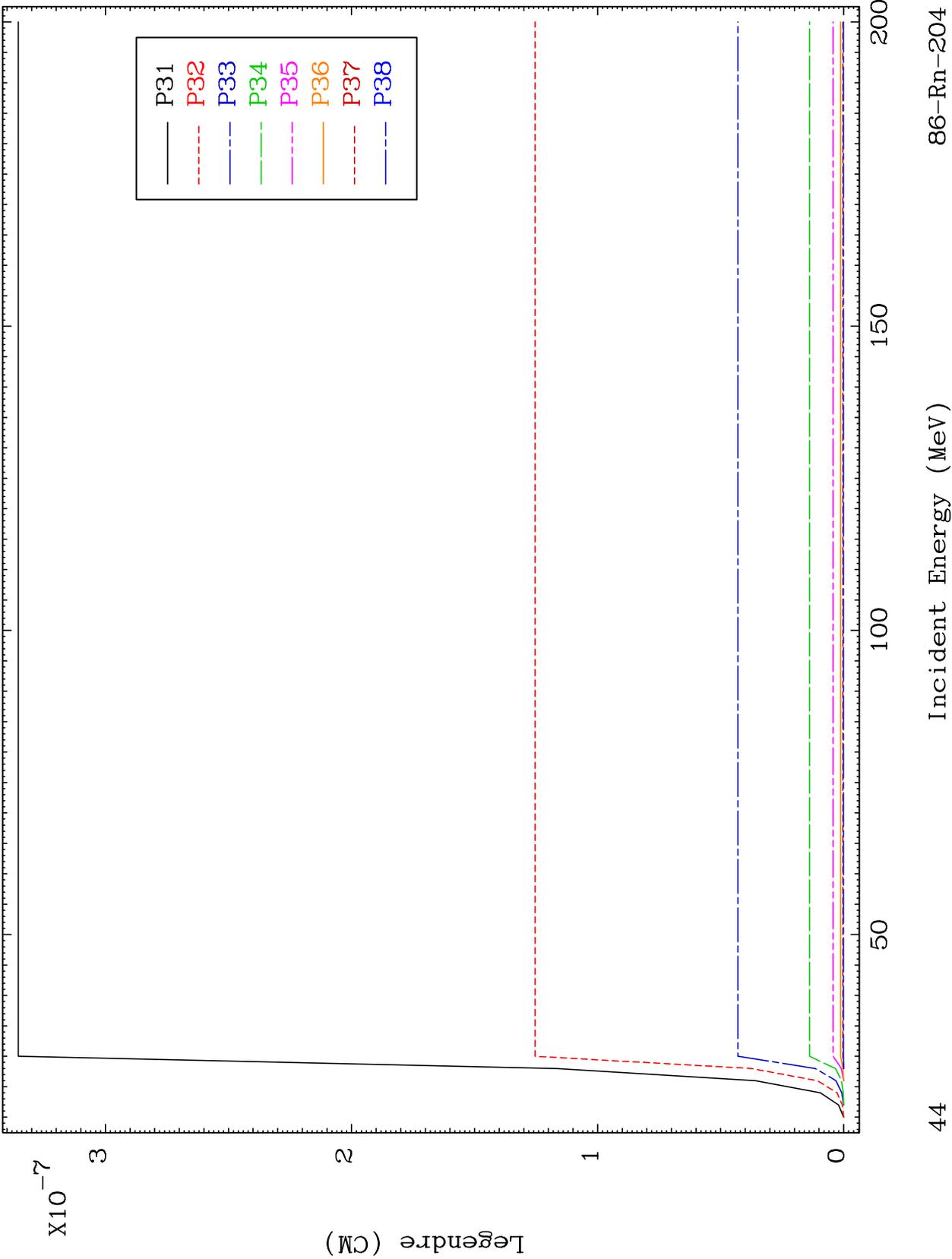
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MAT 8604

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

86-Rn-204



44

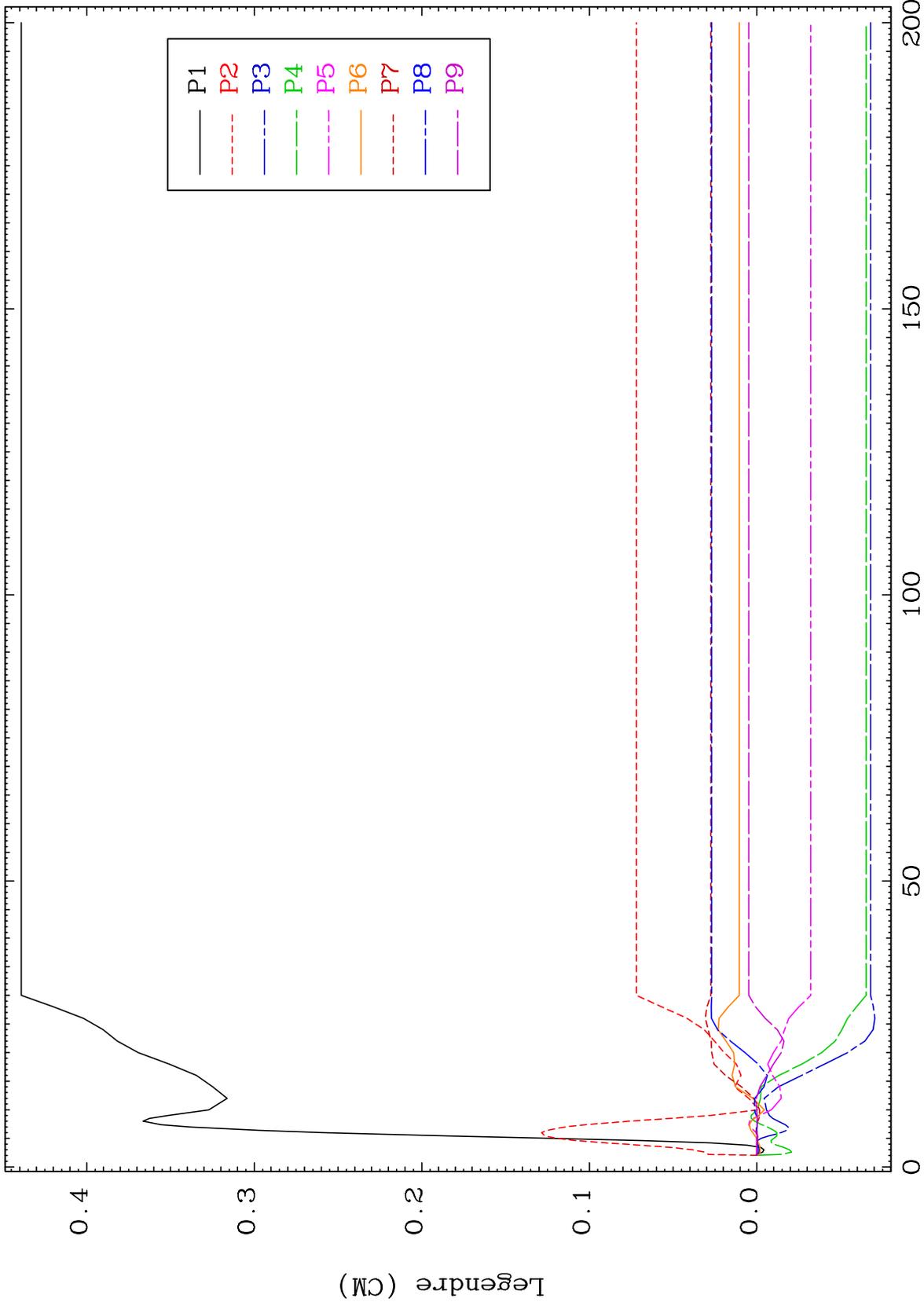
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



86-Rn-204

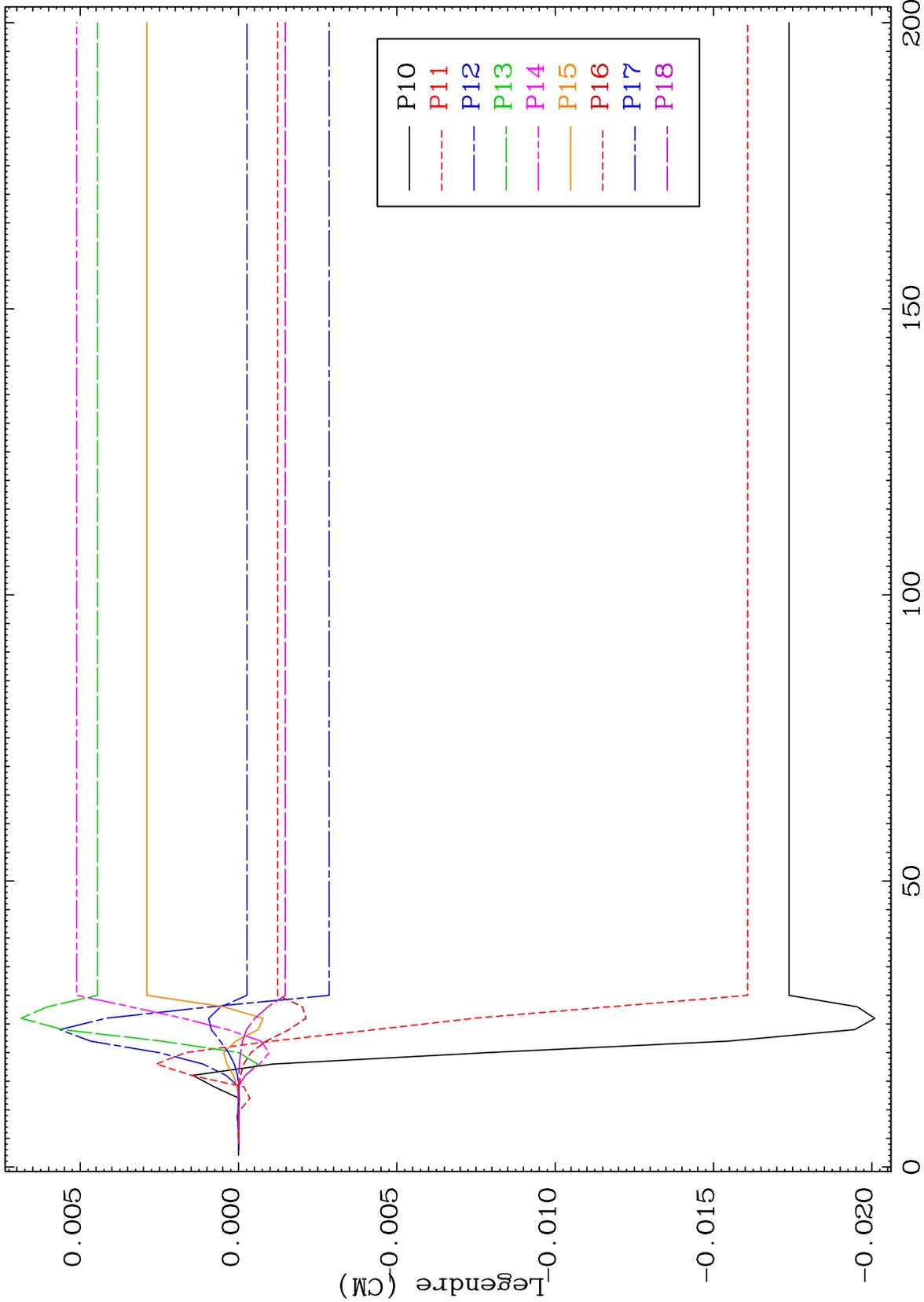
Incident Energy (MeV)

45

MAT 8604

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

86-Rn-204



46

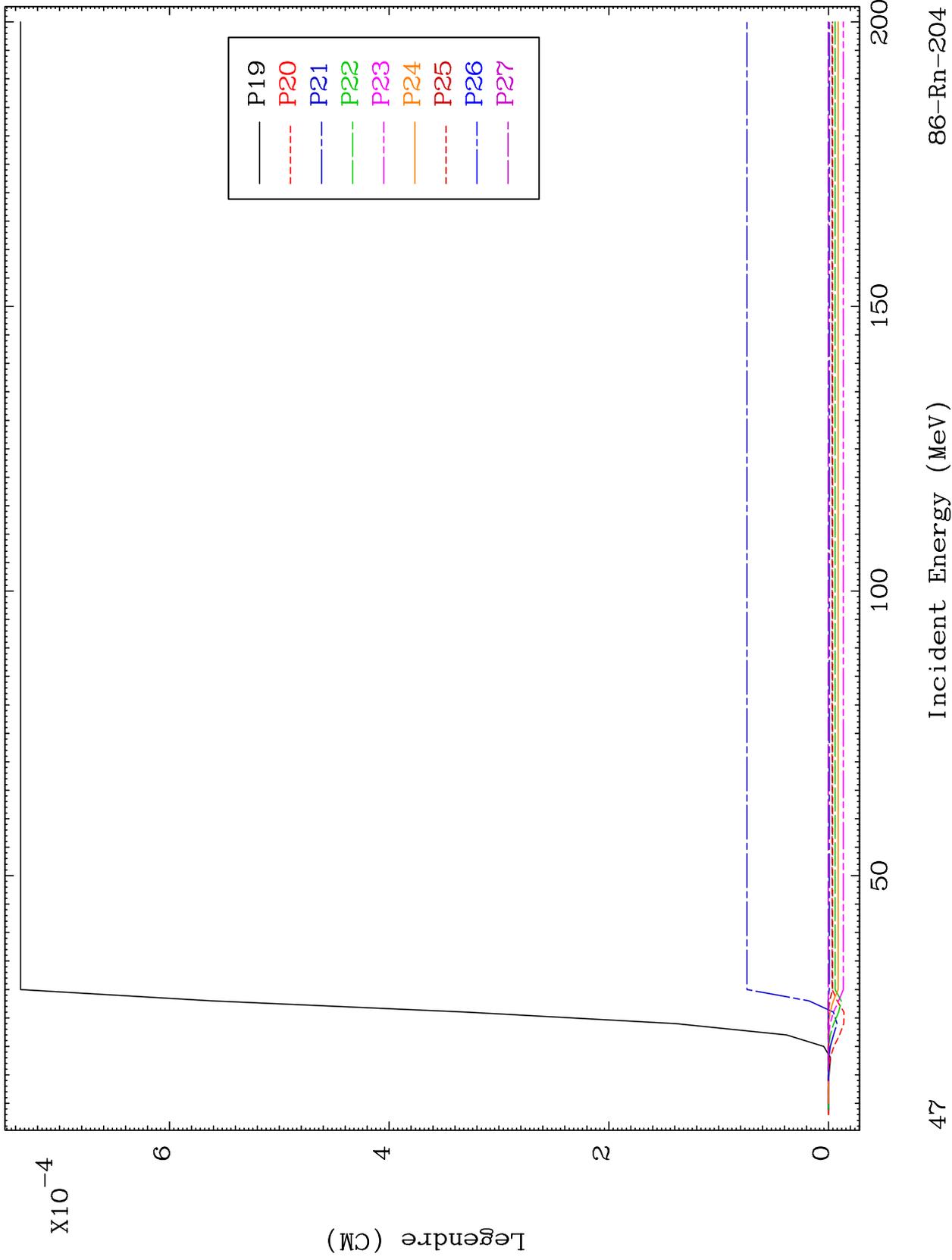
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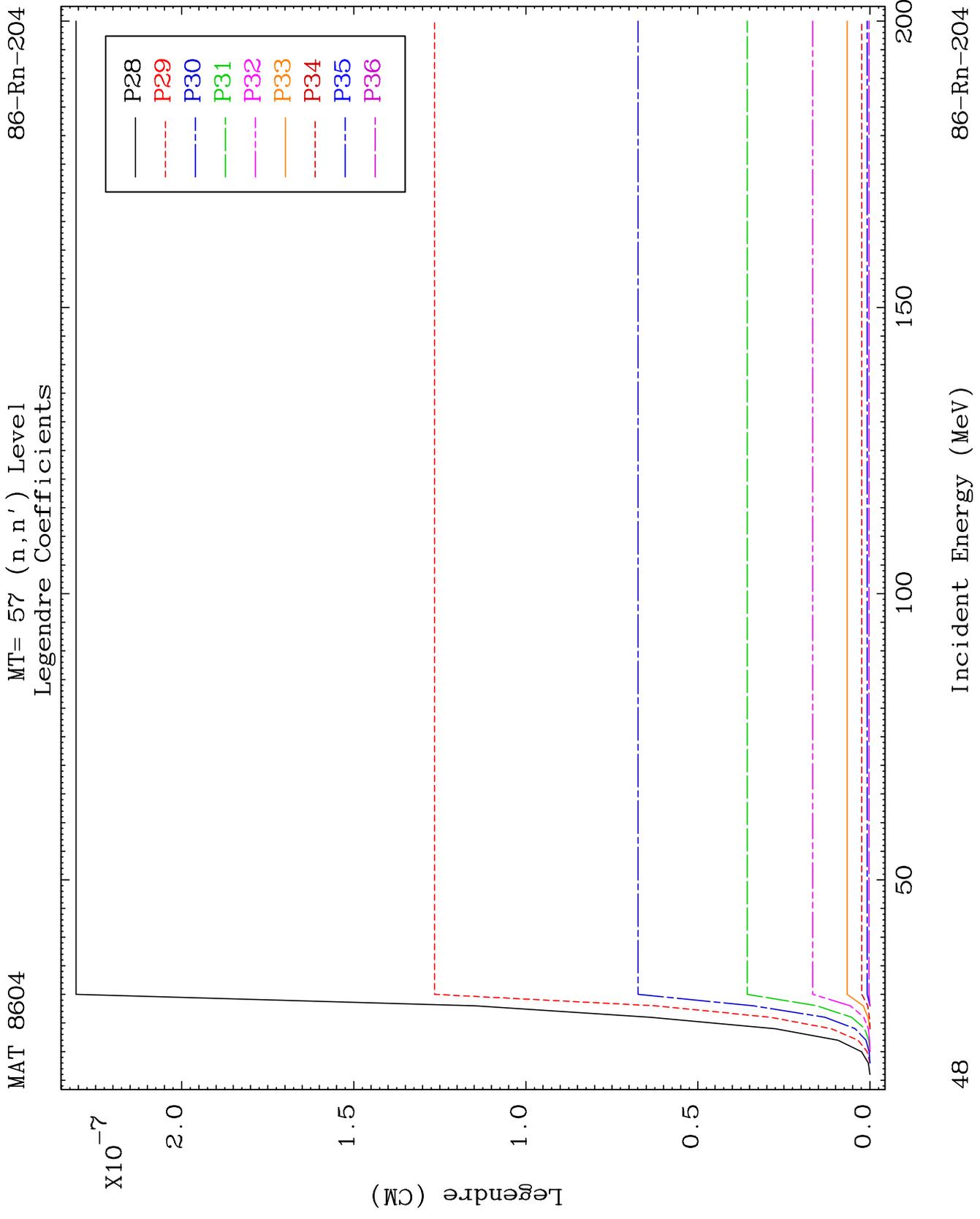
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MAT 8604

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

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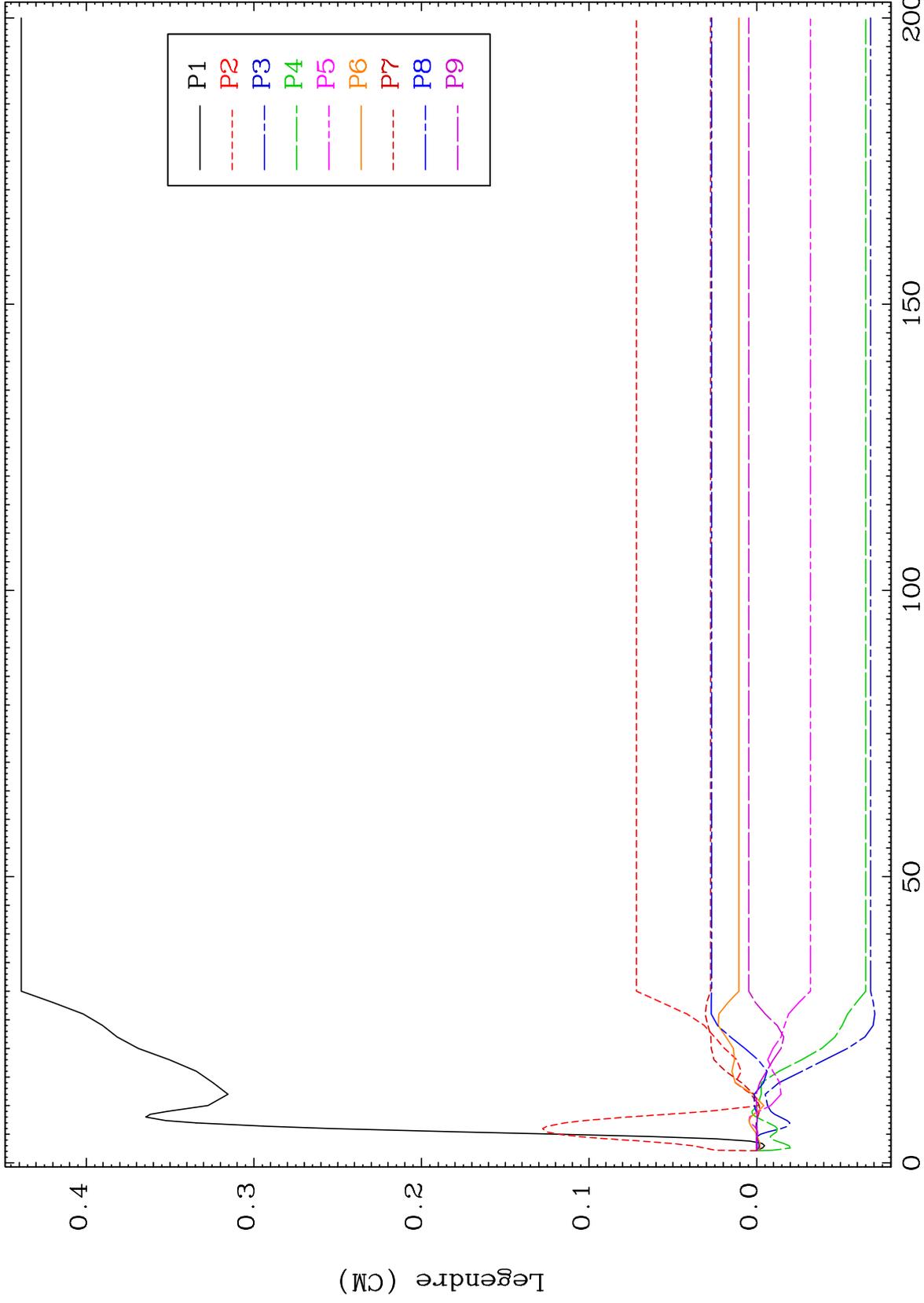




MAT 8604

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

86-Rn-204



49

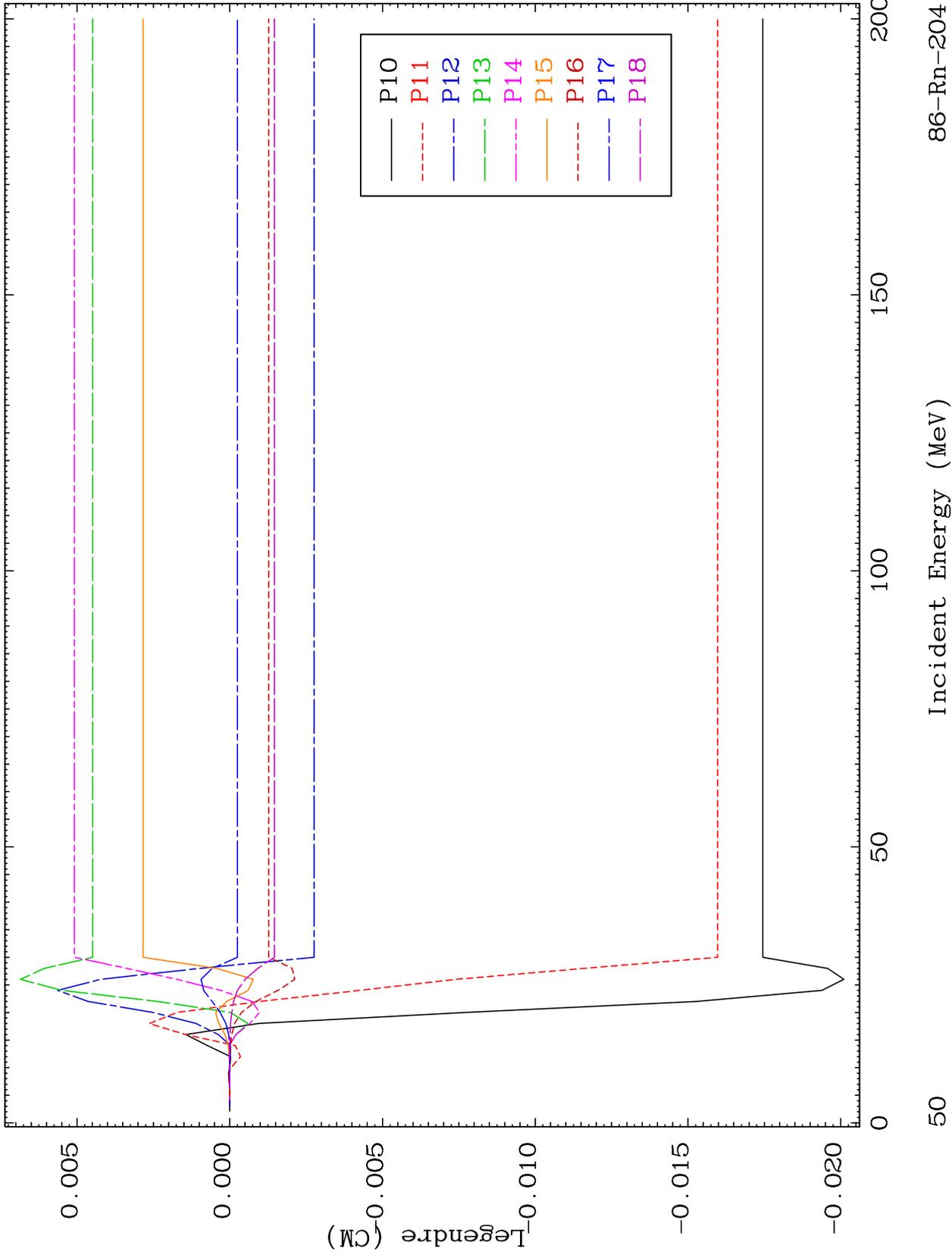
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



86-Rn-204

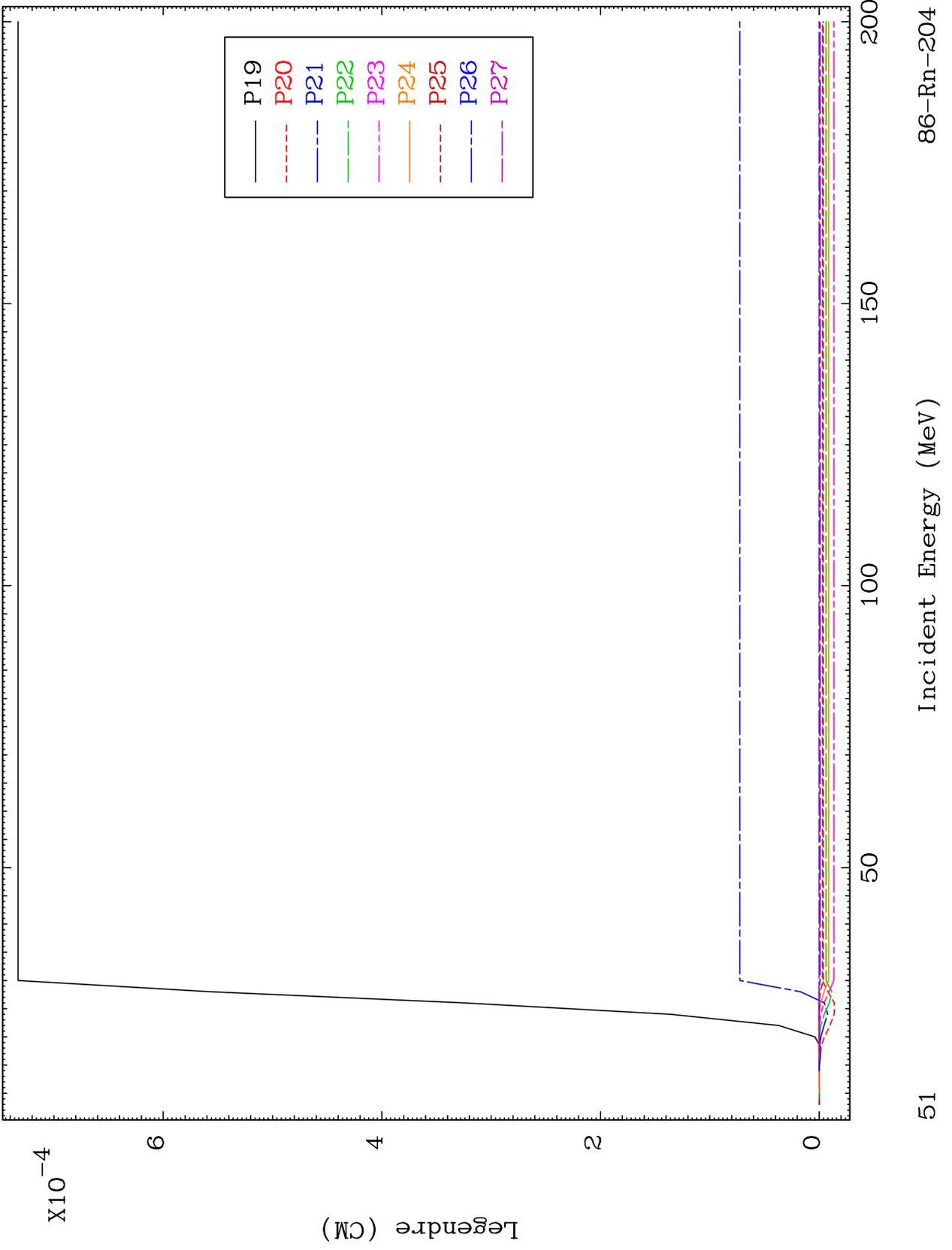
Incident Energy (MeV)

50

MAT 8604

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

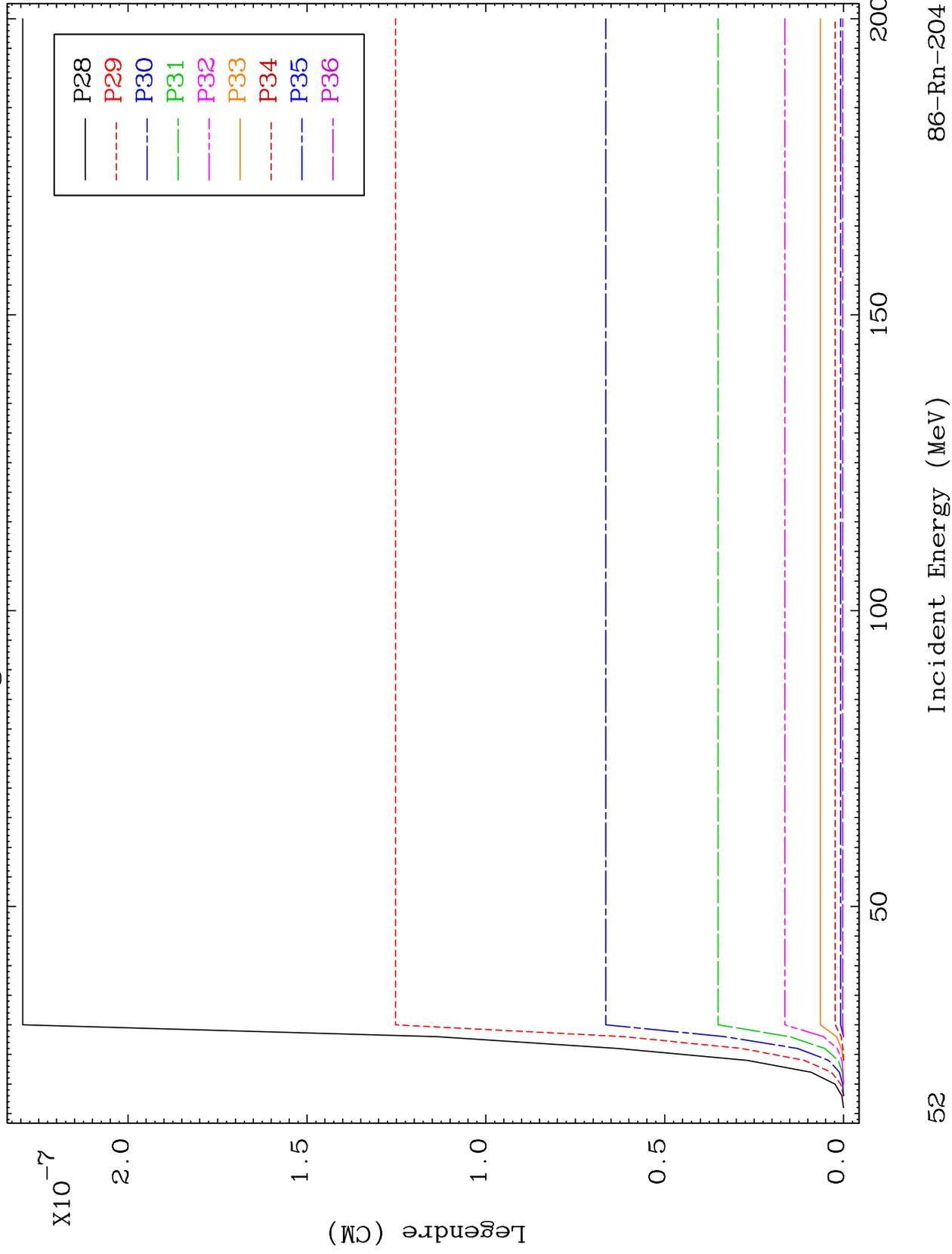
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MAT 8604

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

86-Rn-204



52

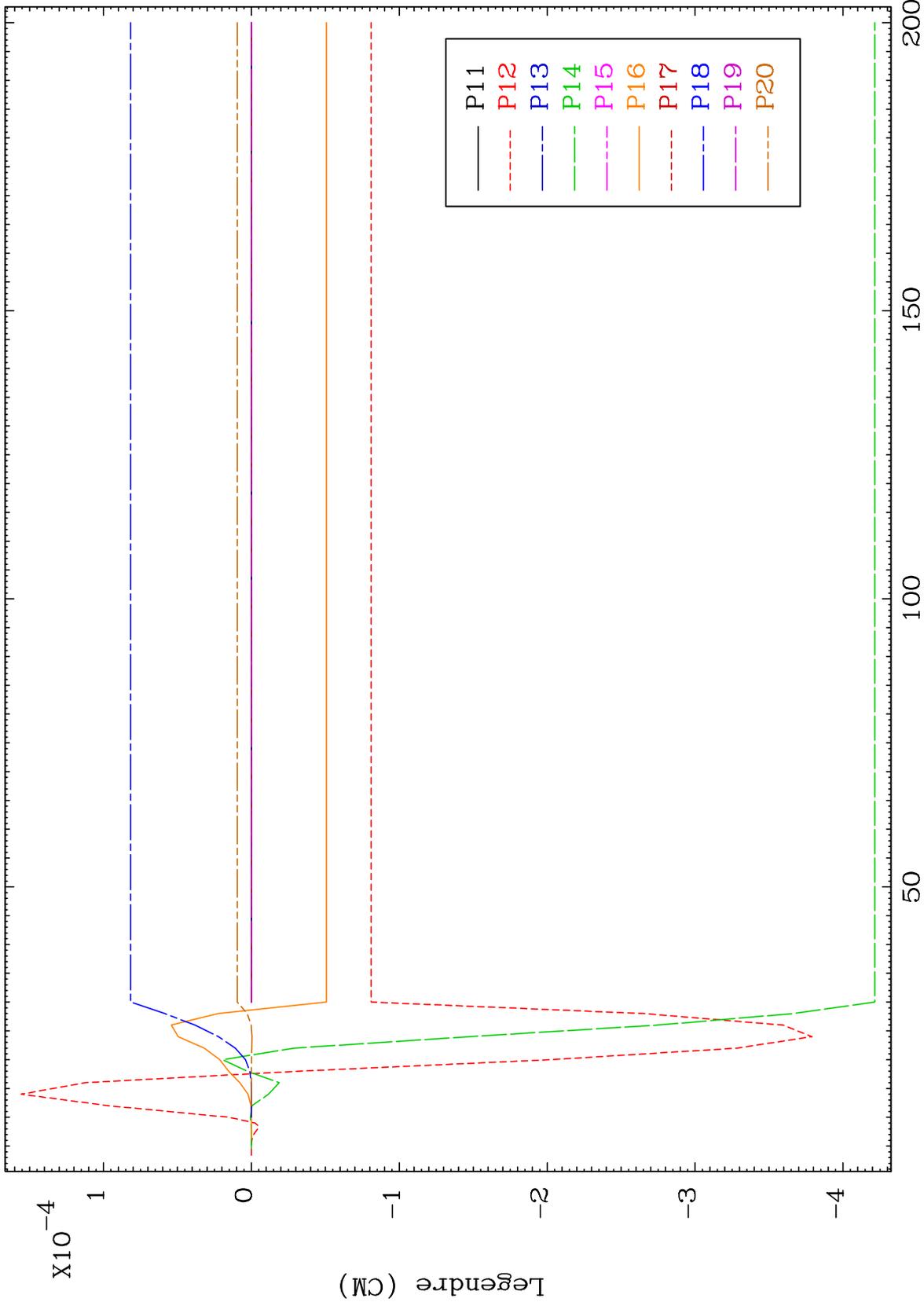
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

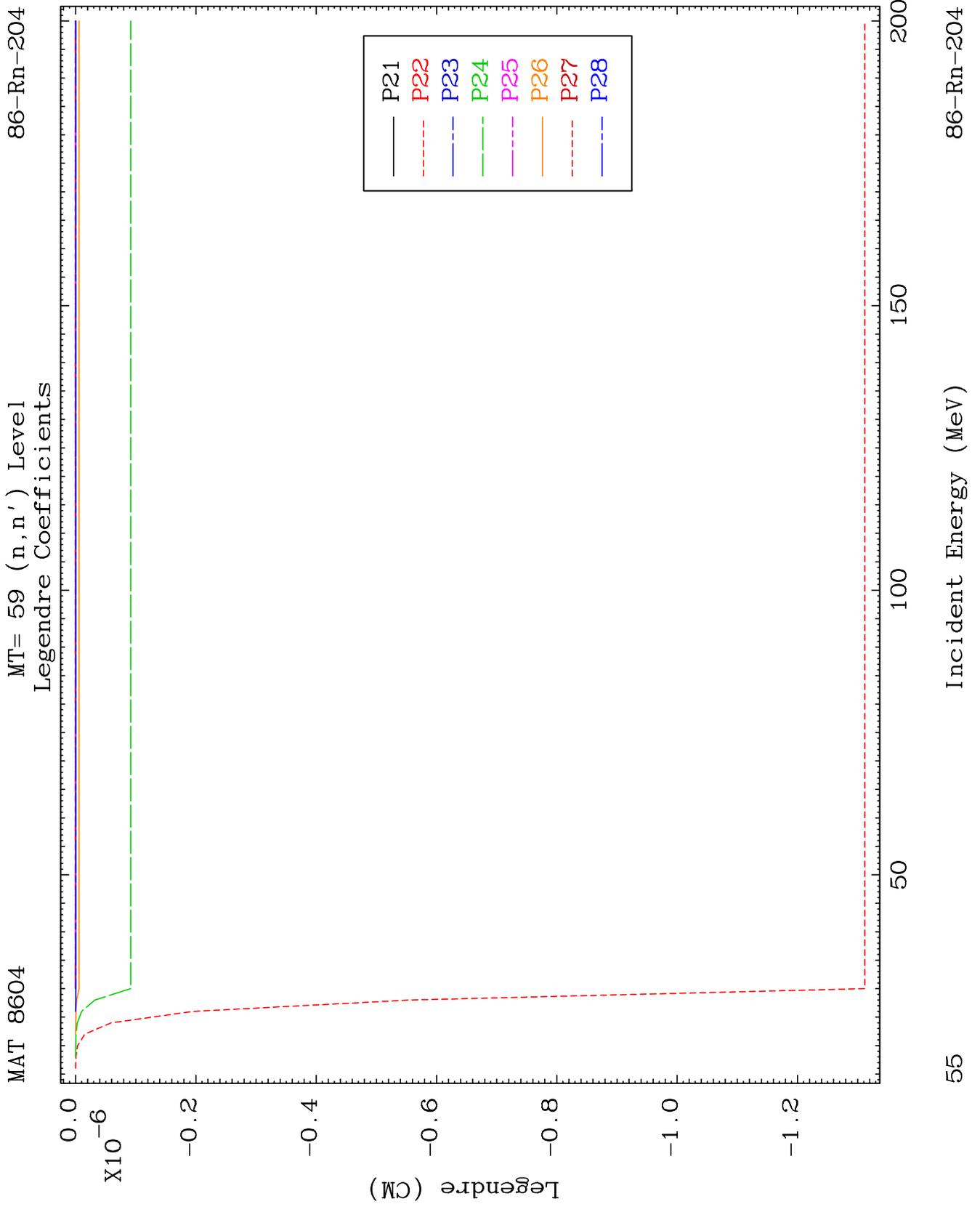
86-Rn-204



54

Incident Energy (MeV)

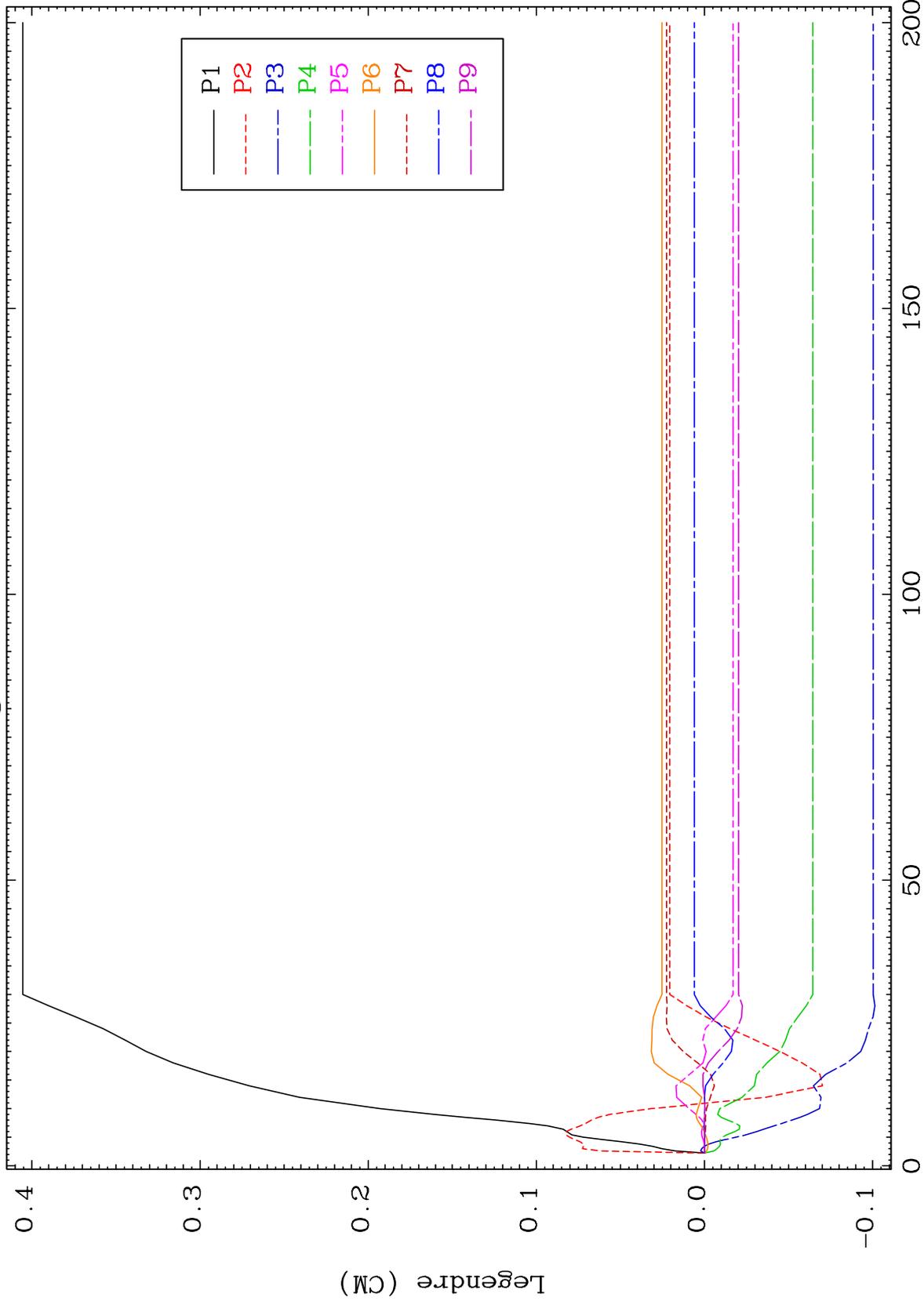
86-Rn-204



MAT 8604

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

86-Rn-204



56

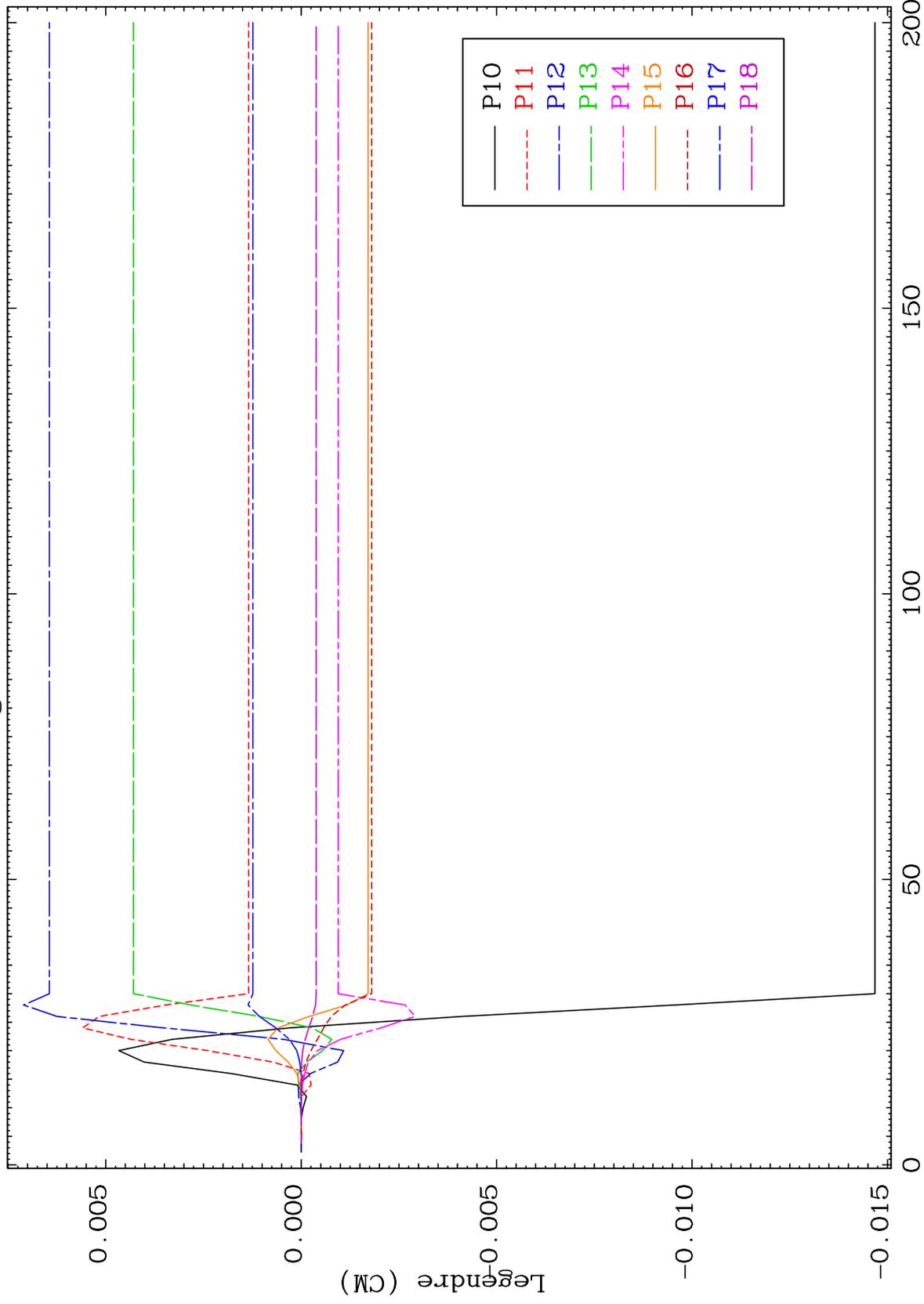
Incident Energy (MeV)

86-Rn-204

MAT 8604

86-Rn-204

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



57

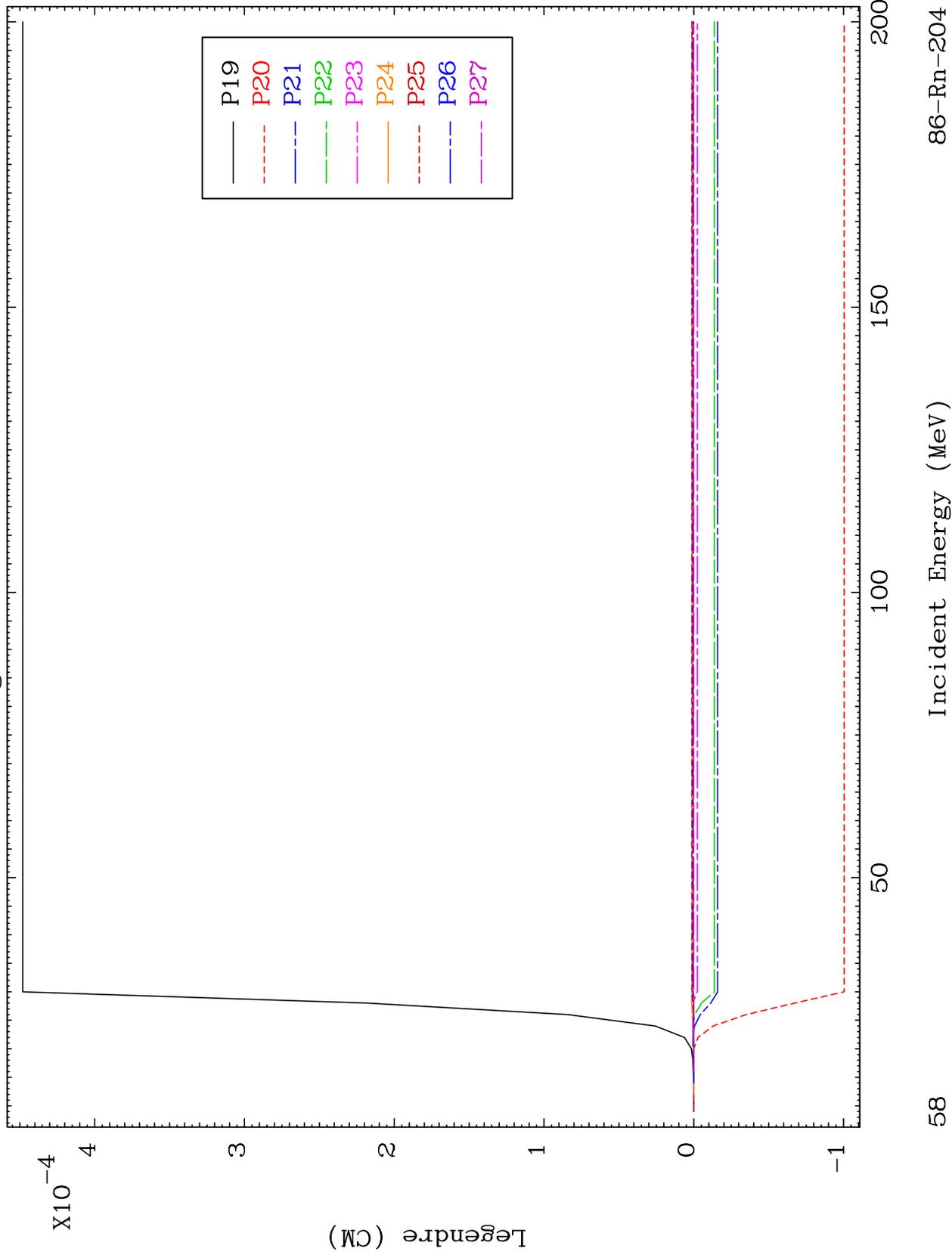
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



58

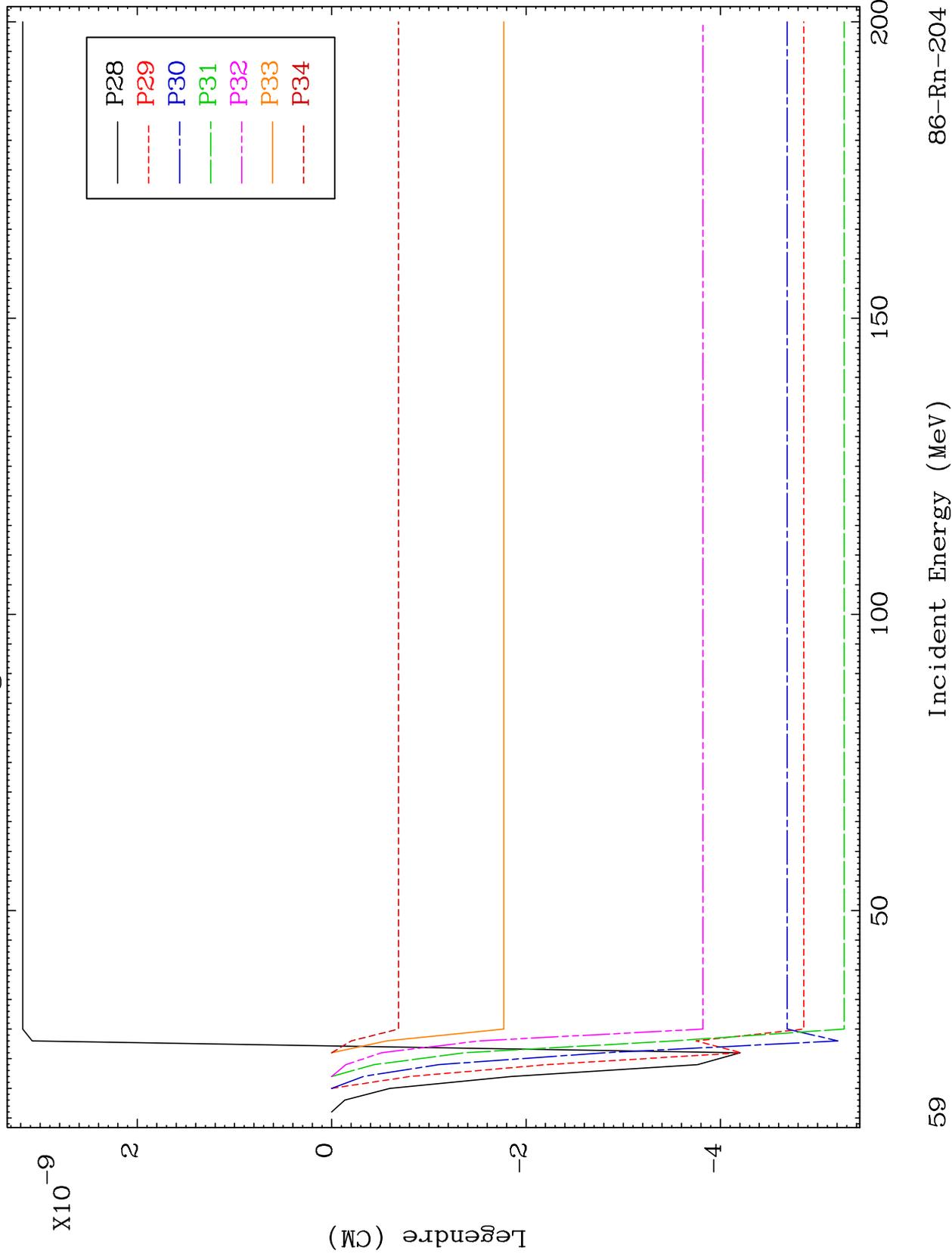
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



59

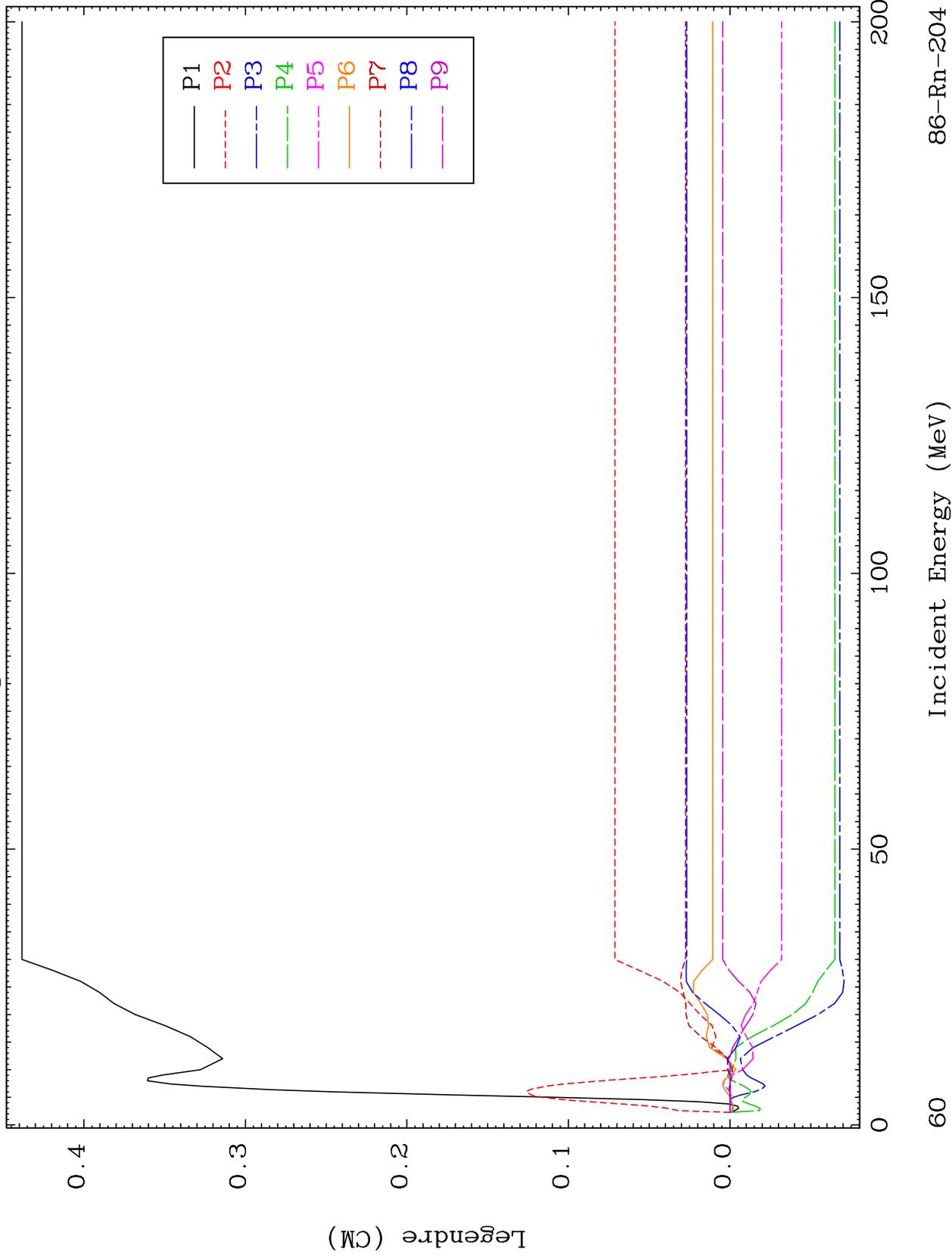
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204

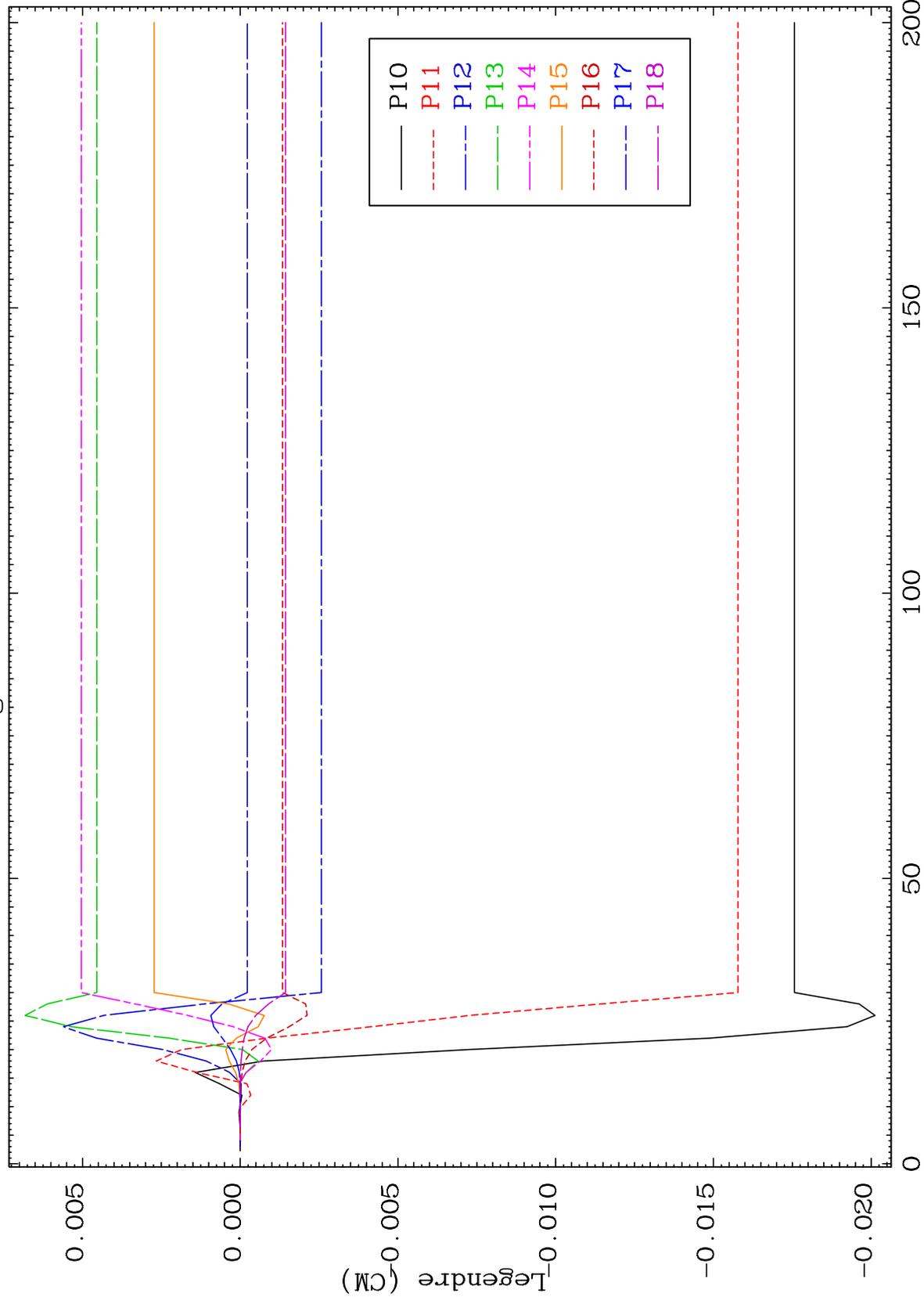


86-Rn-204

MAT 8604

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

86-Rn-204



61

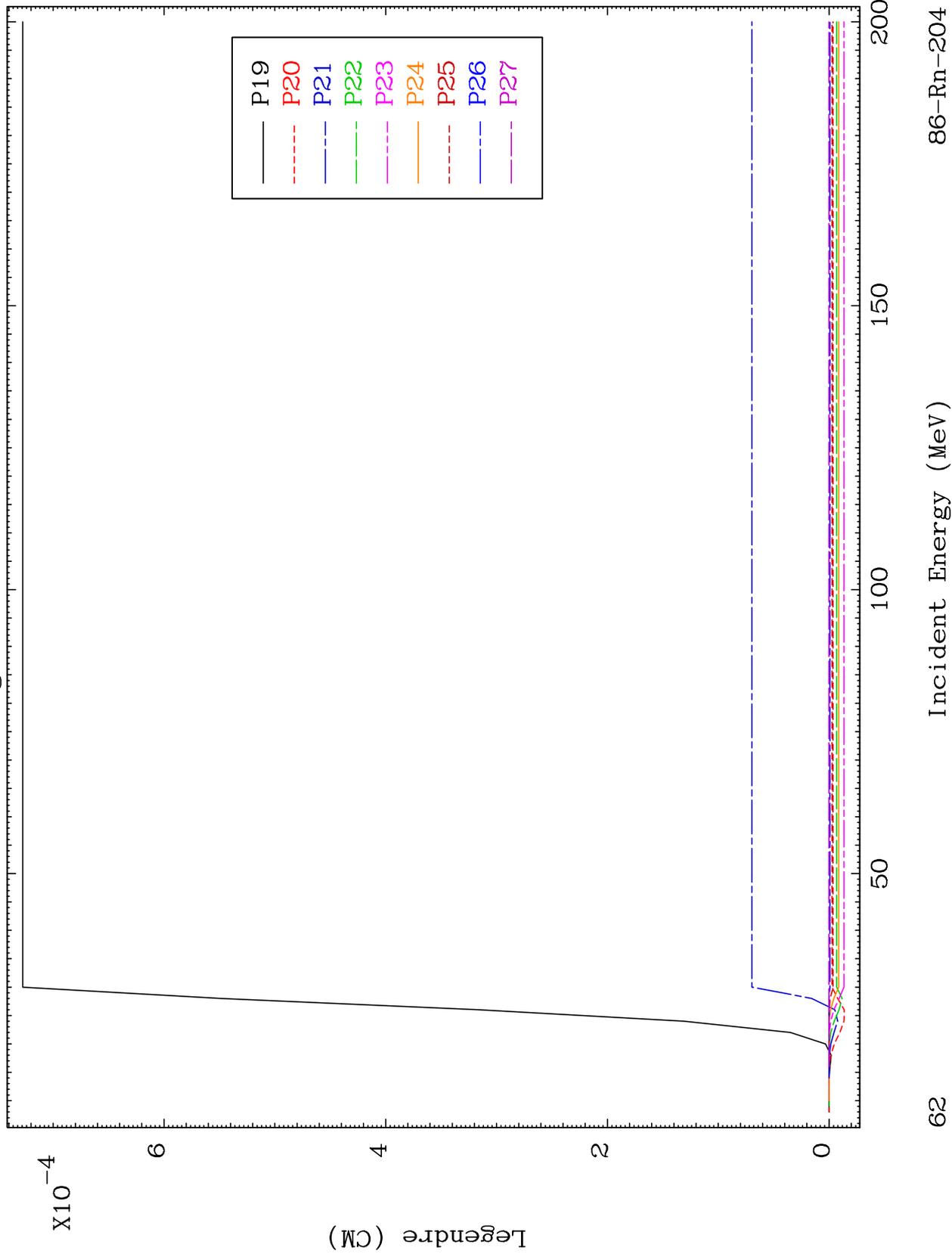
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204

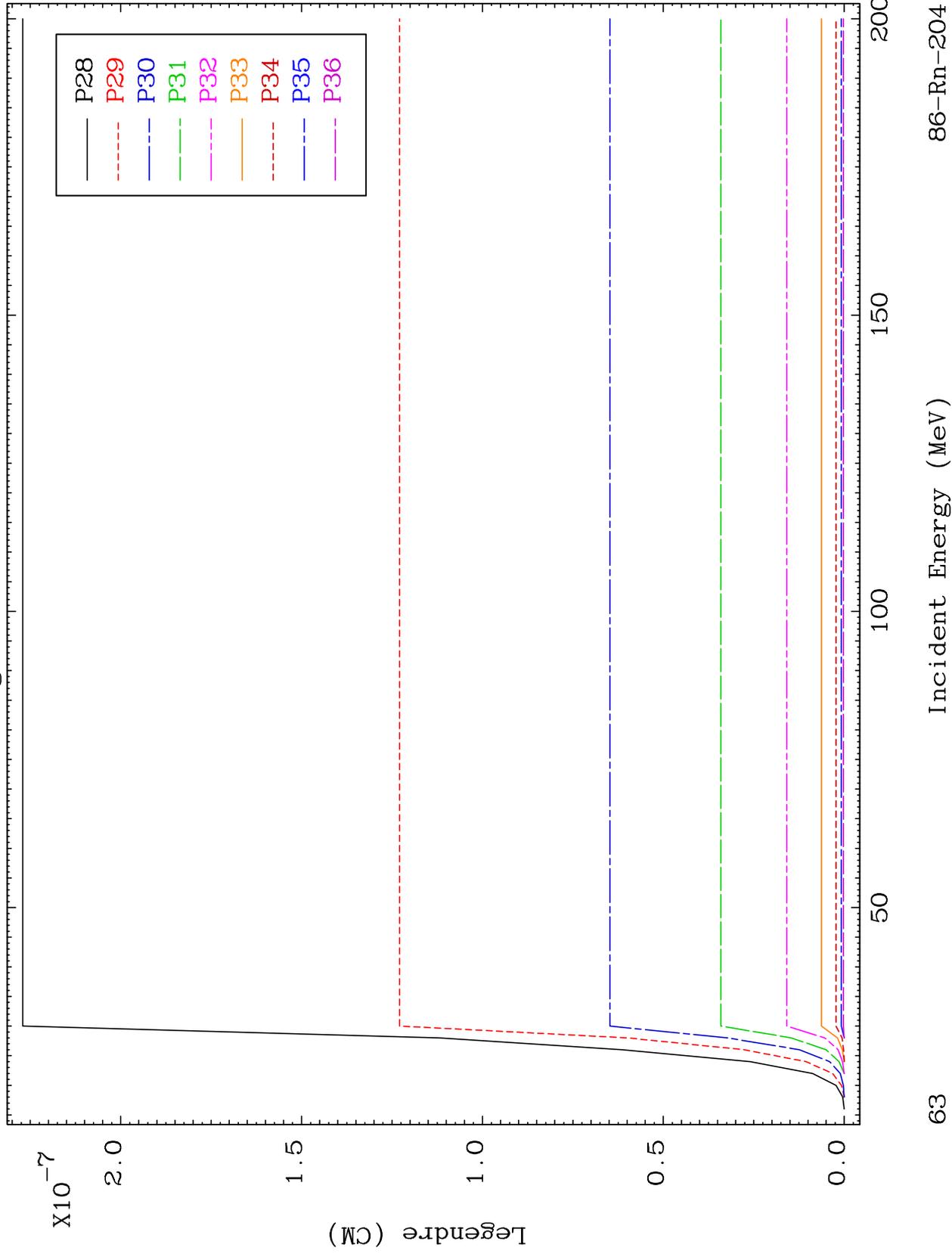


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MAT 8604

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

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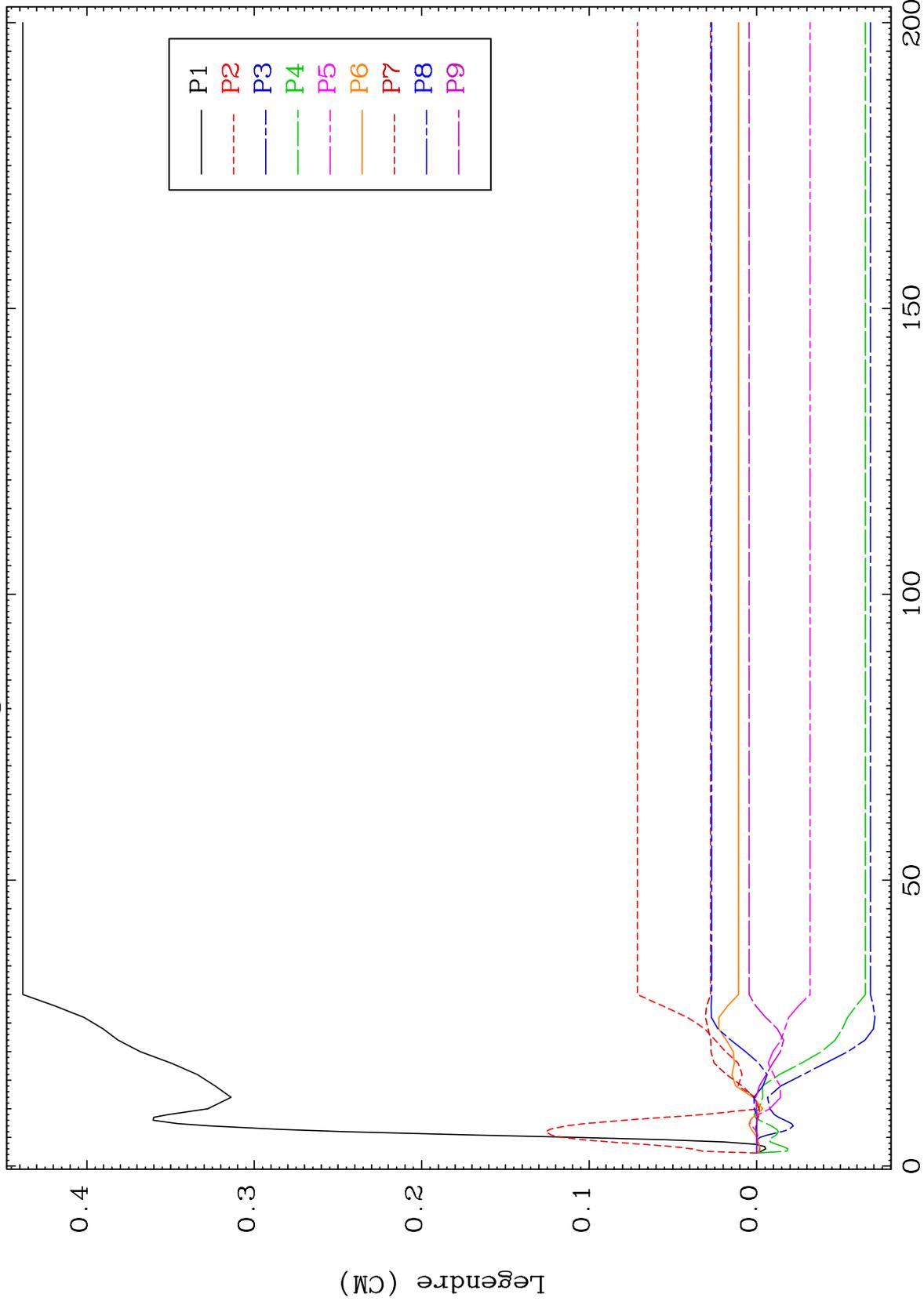


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MT= 62 (n,n') Level
Legendre Coefficients

86-Rn-204



64

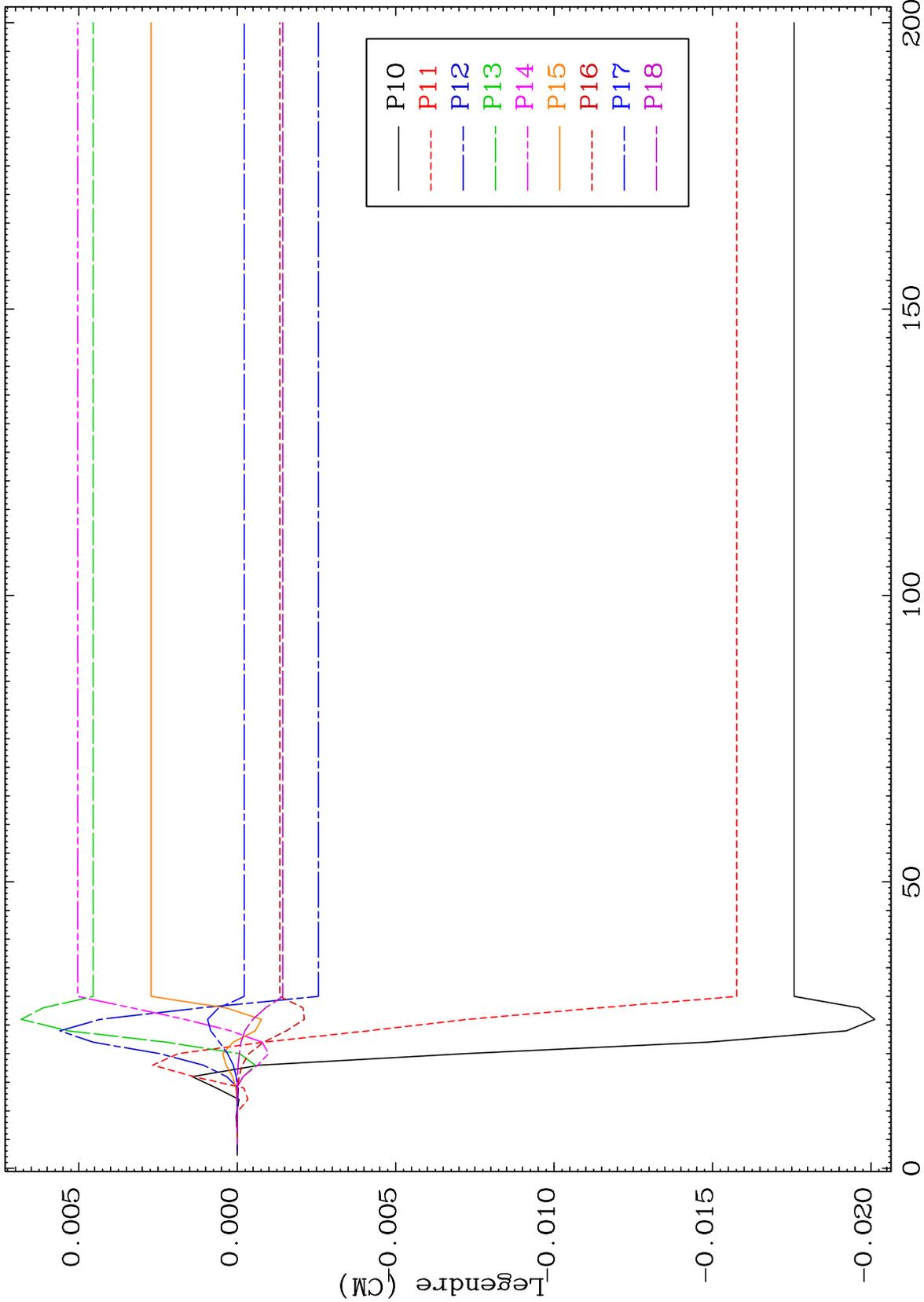
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



65

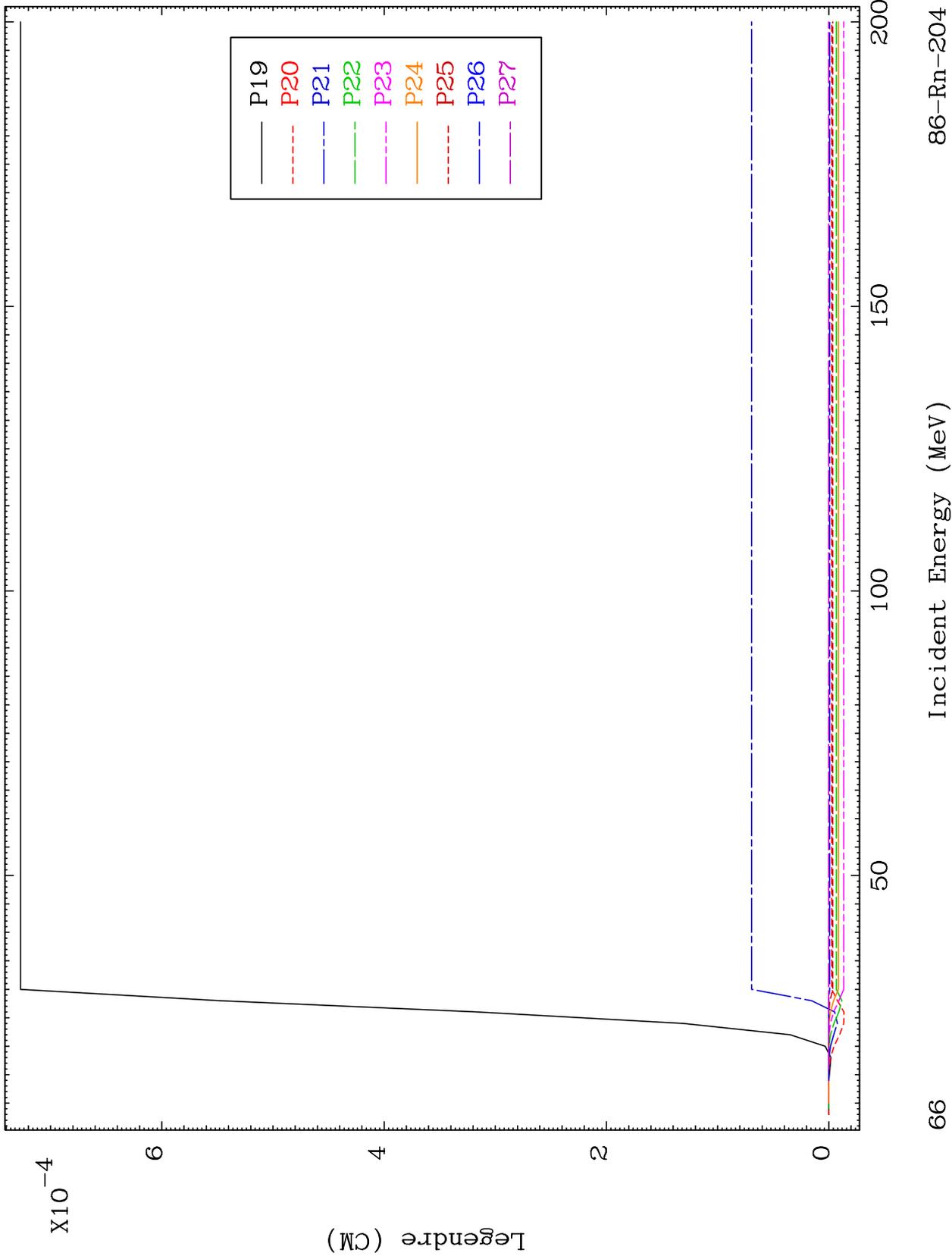
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



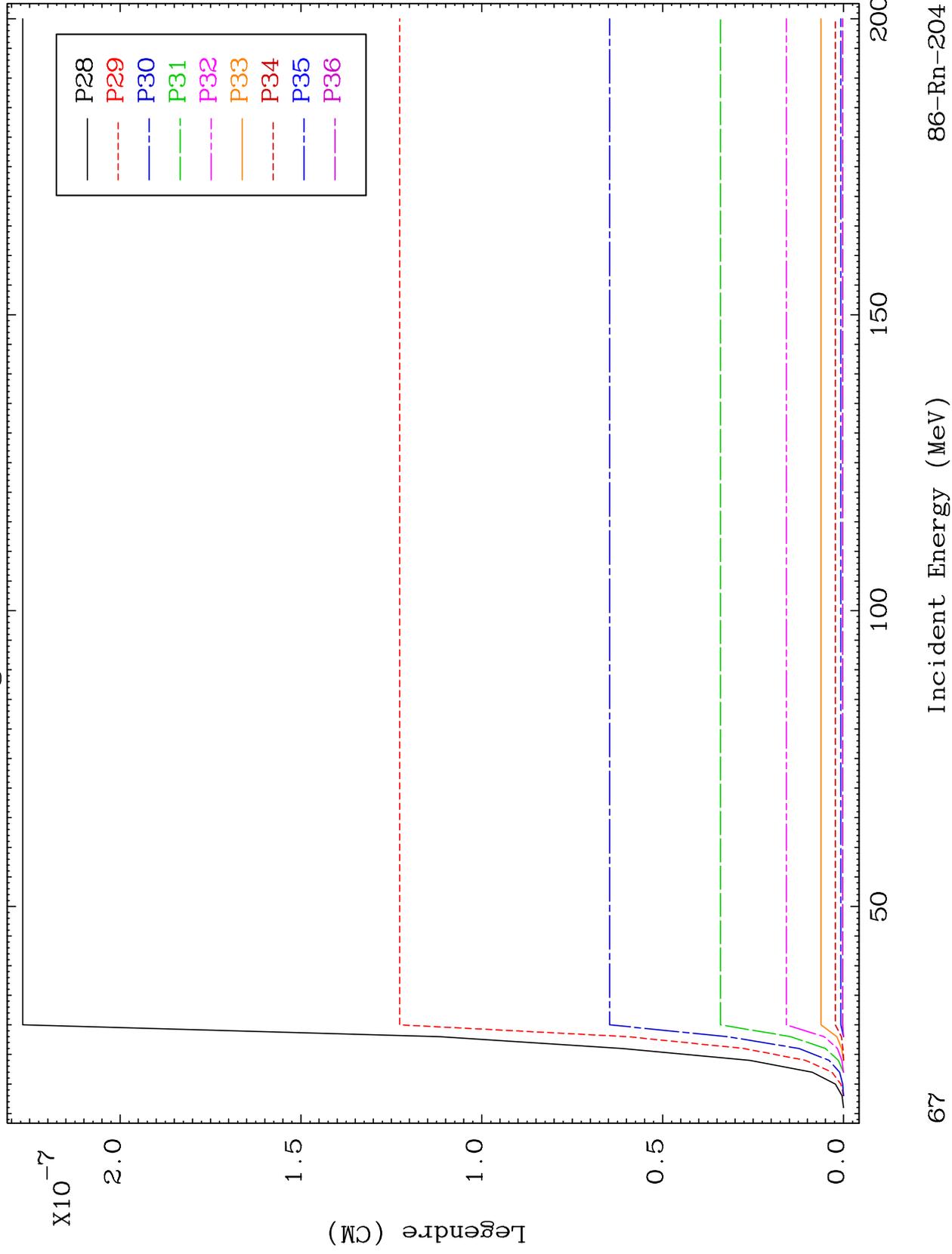
66

86-Rn-204

MAT 8604

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

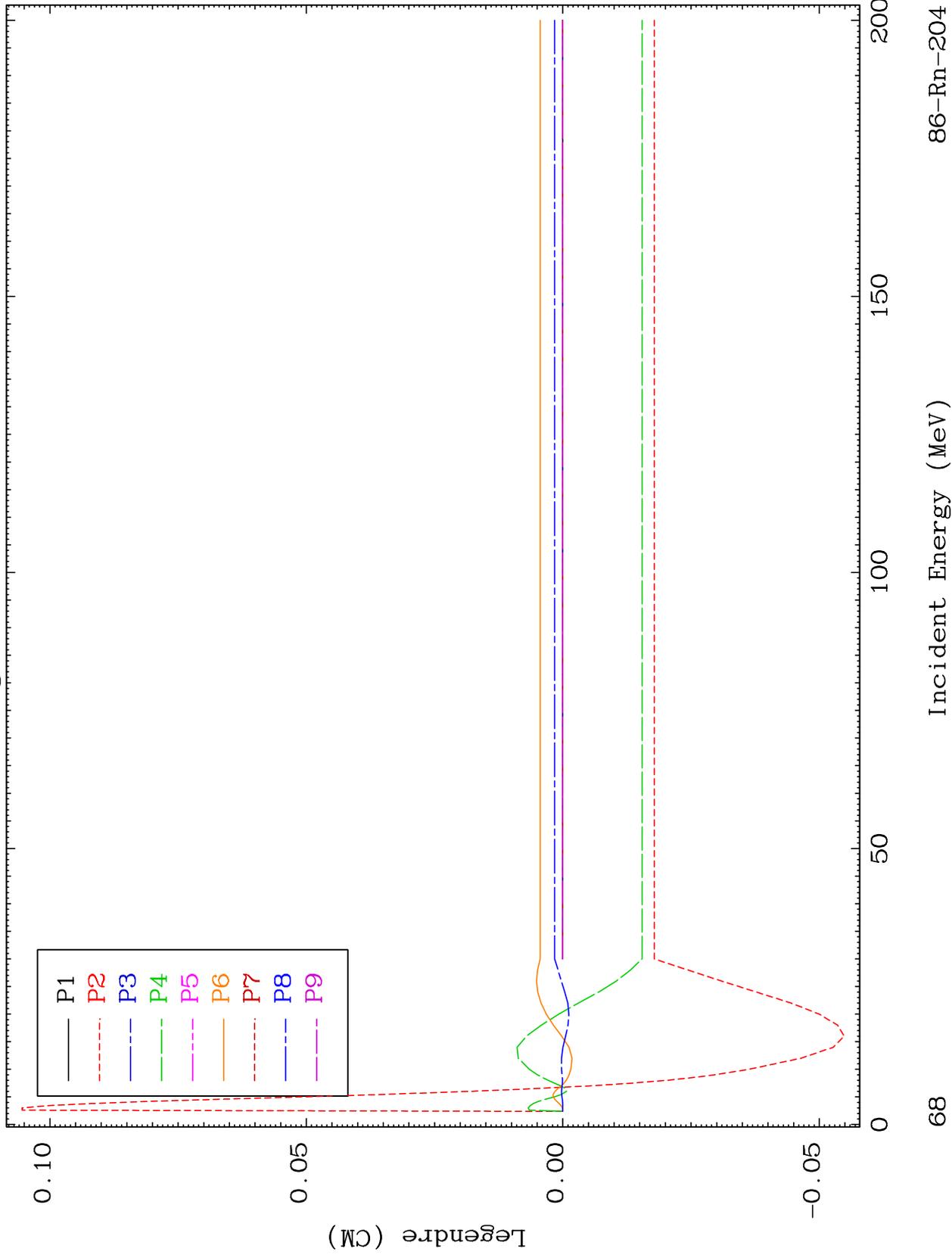
86-Rn-204



MAT 8604

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

86-Rn-204



68

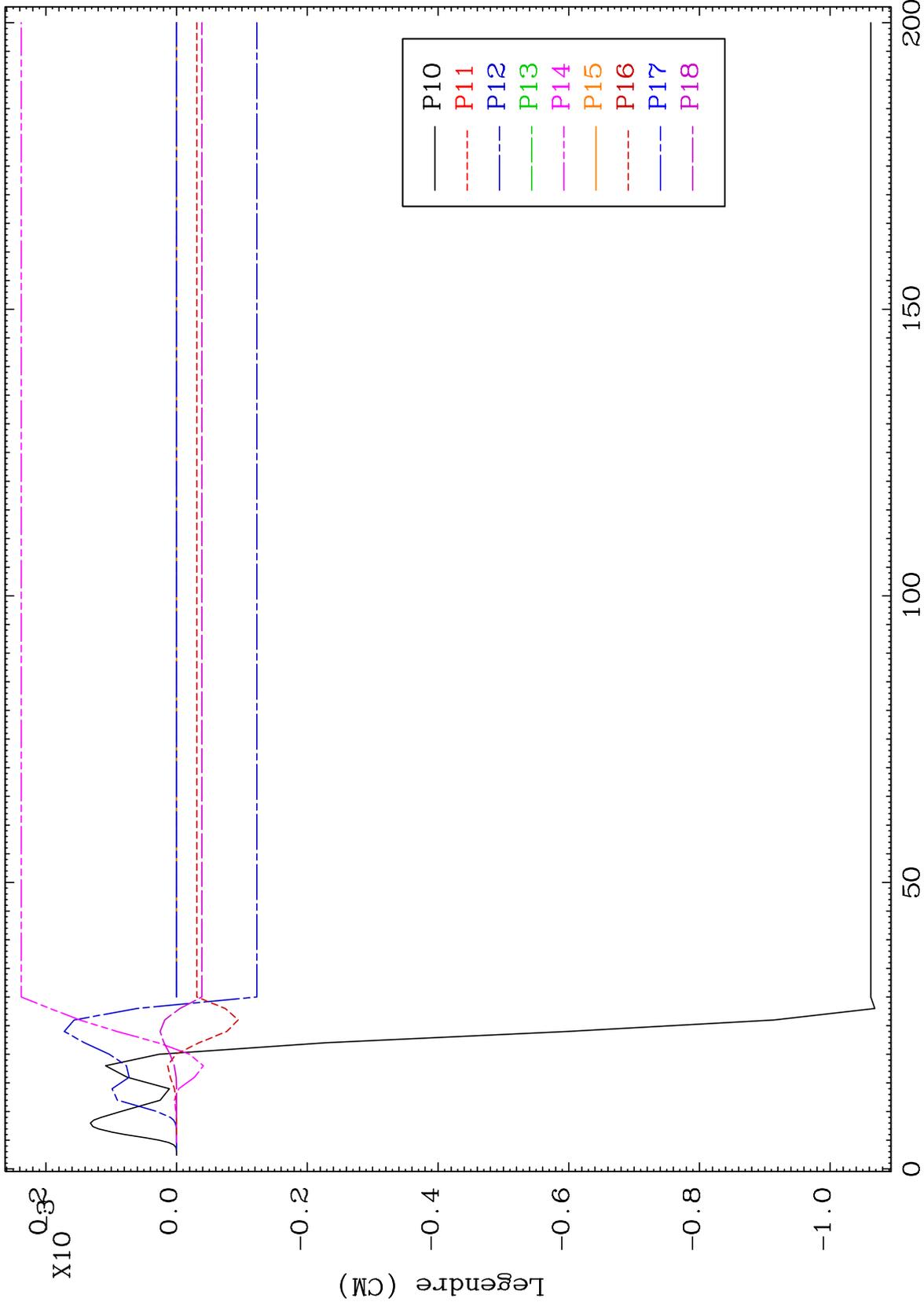
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



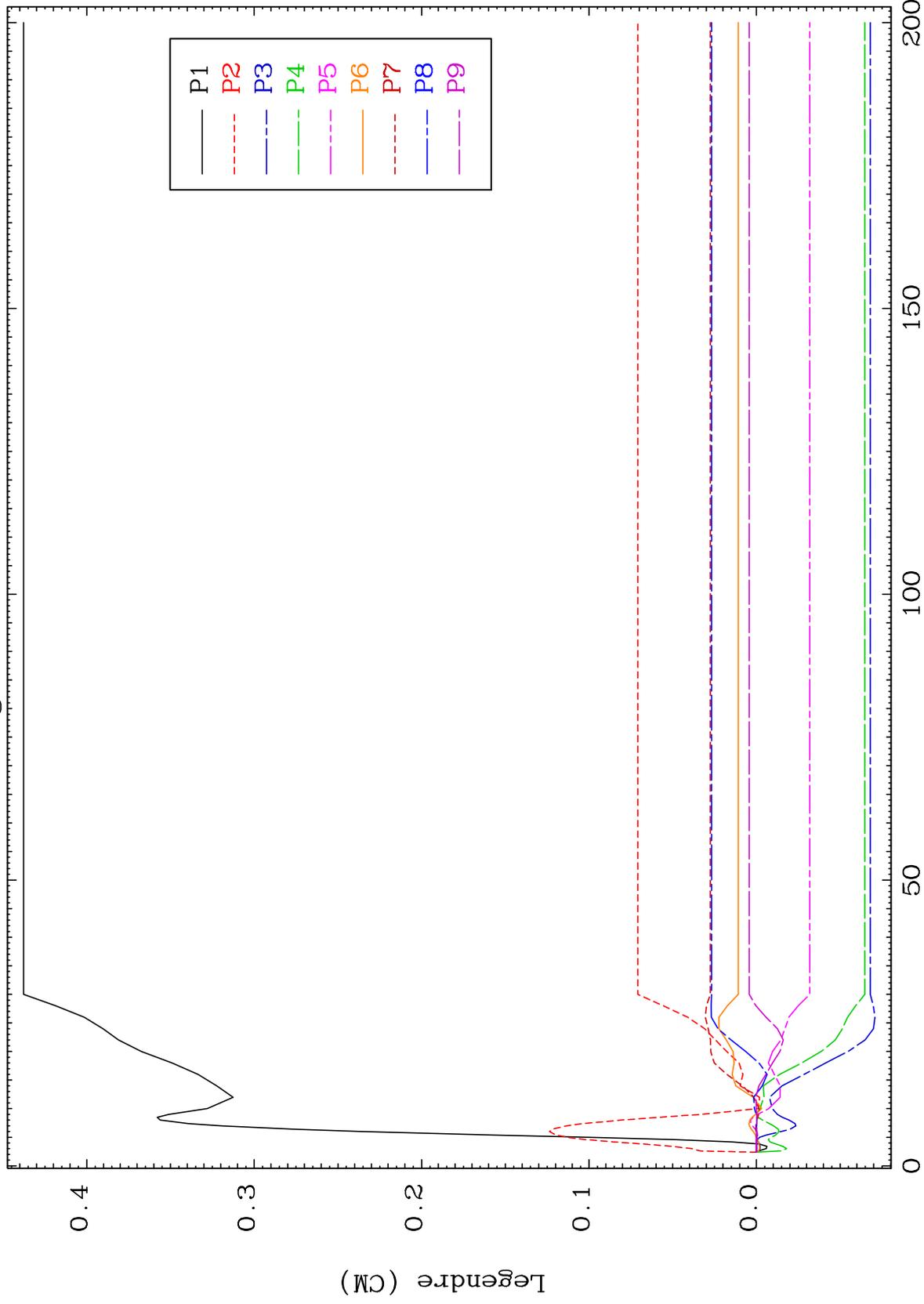
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86-Rn-204

MAT 8604

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

86-Rn-204



71

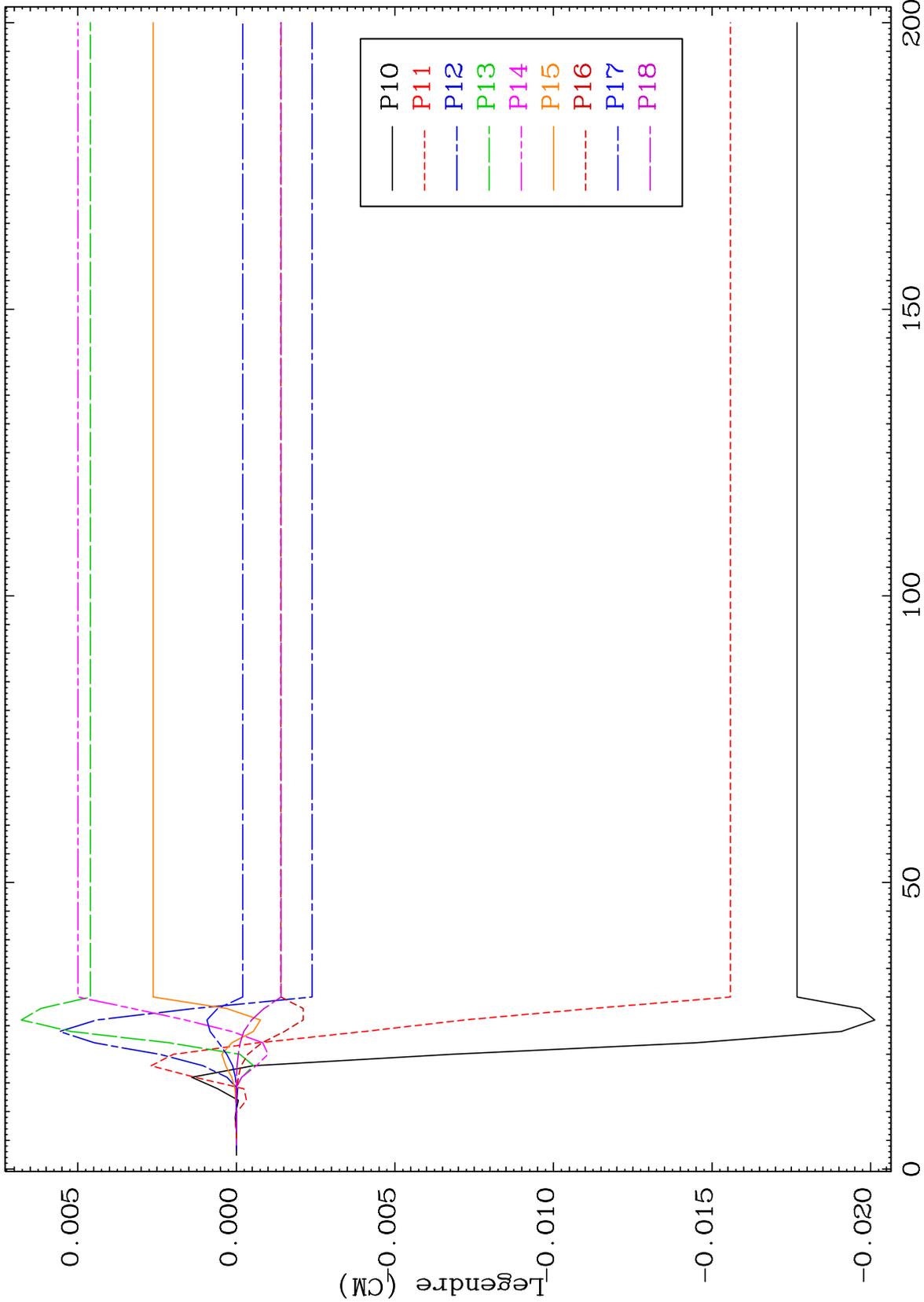
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



72

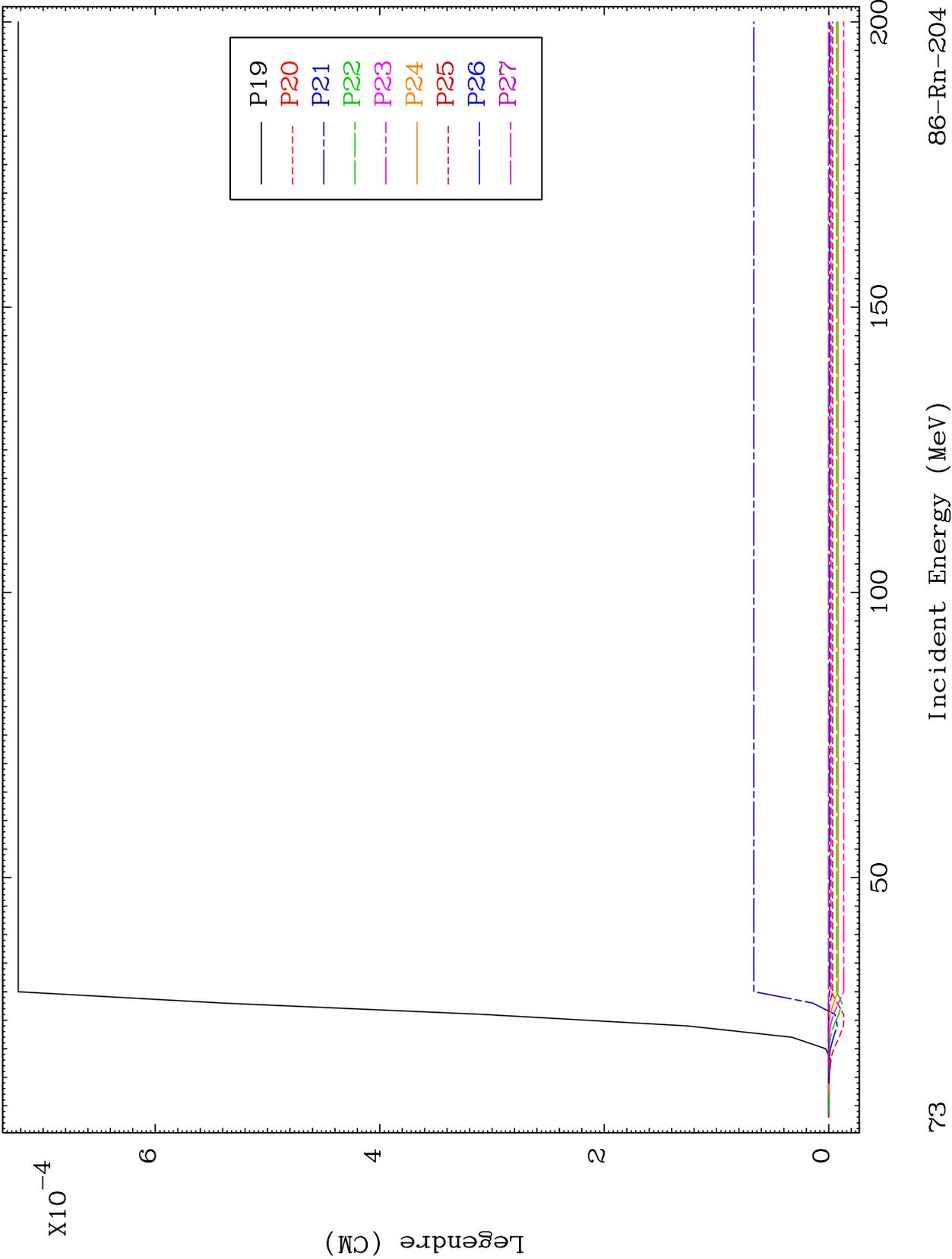
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



73

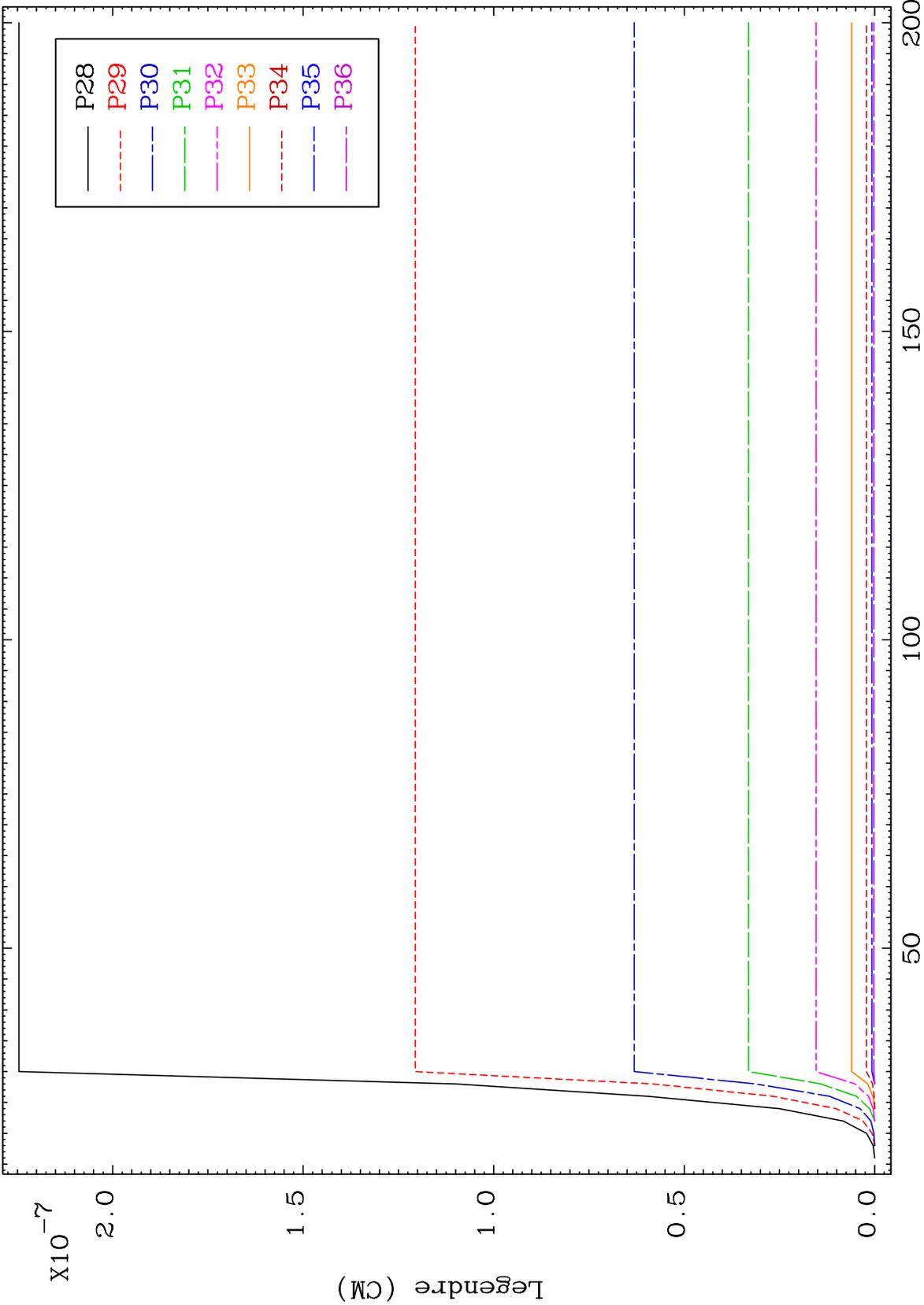
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



74

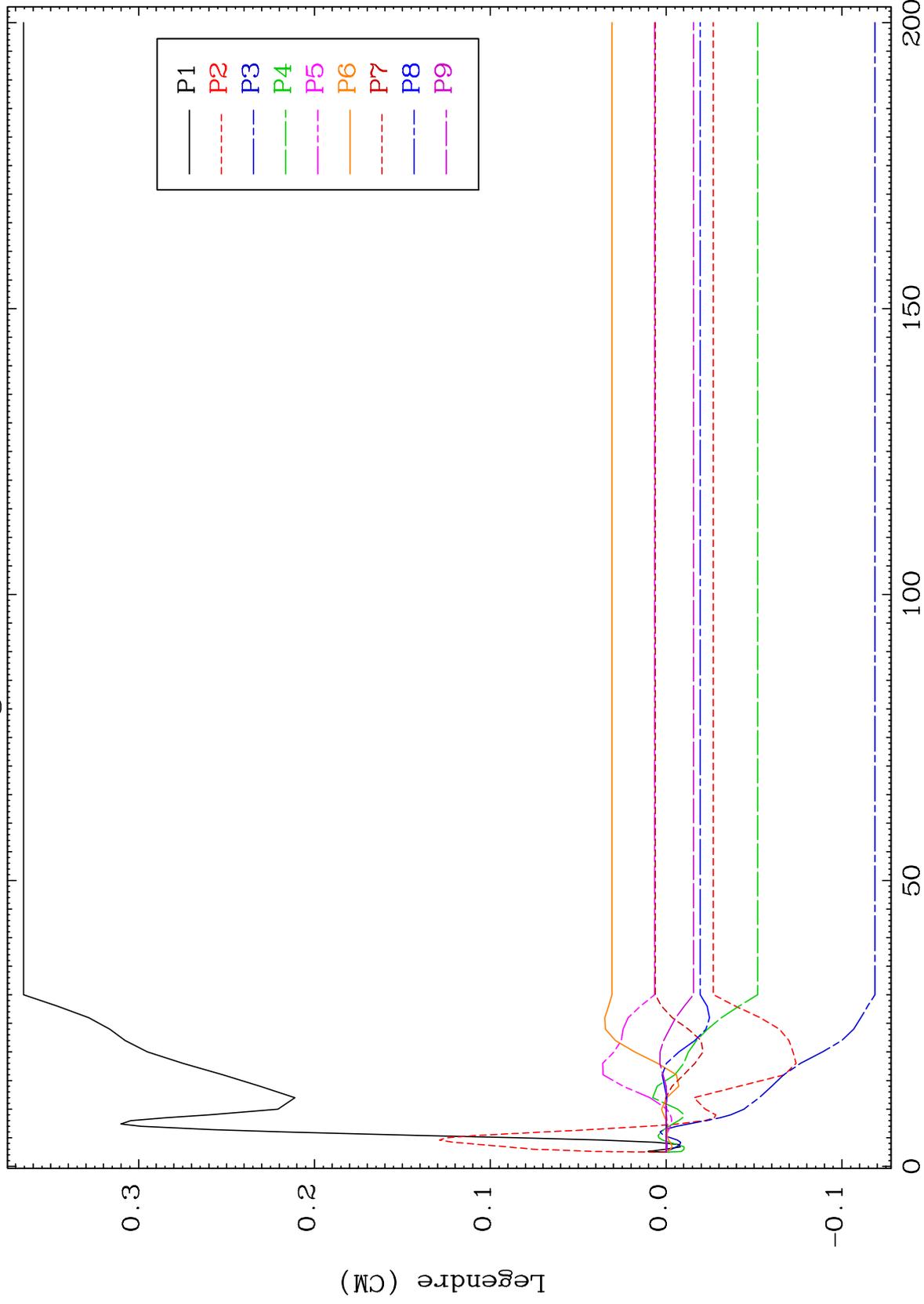
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

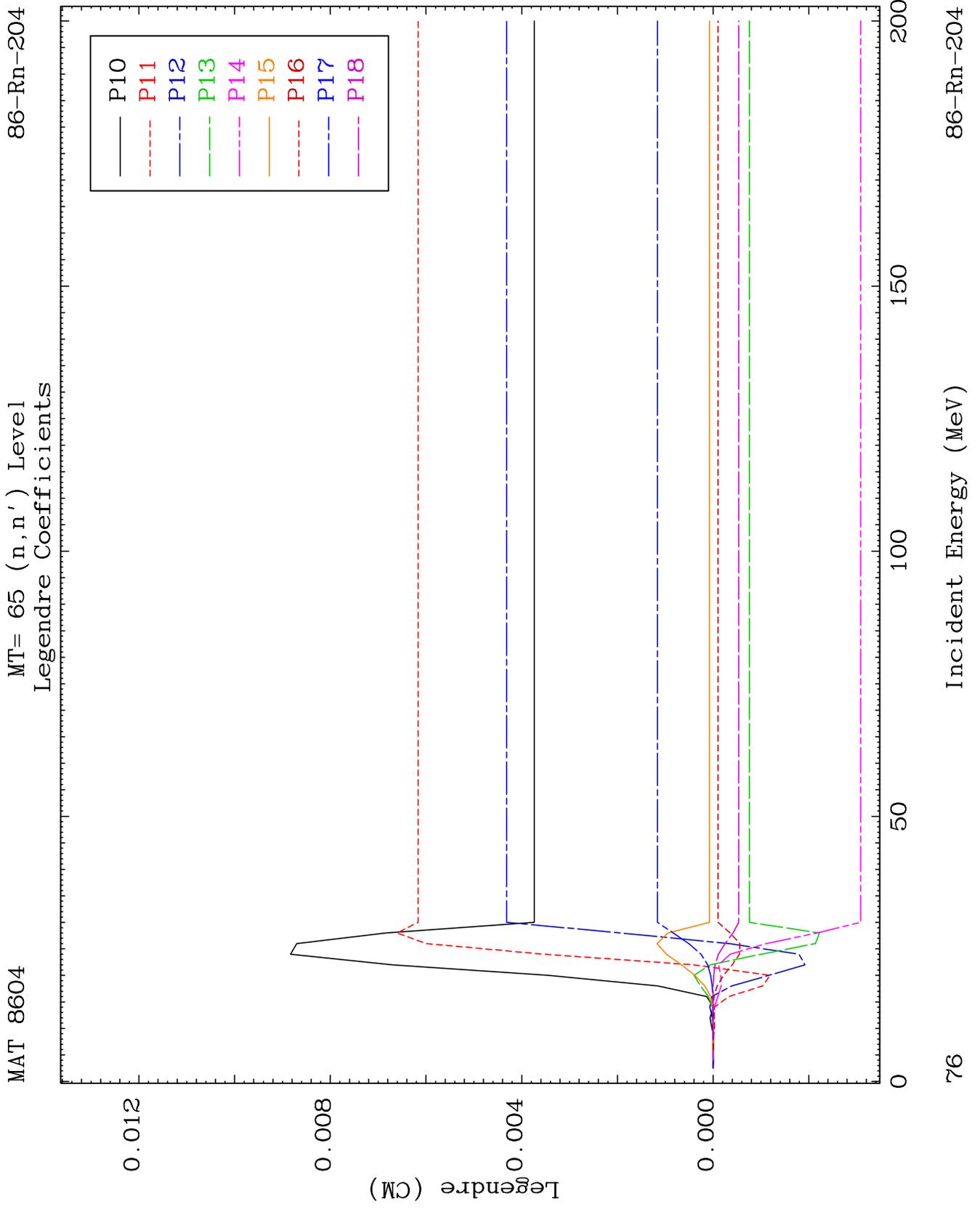
86-Rn-204



75

Incident Energy (MeV)

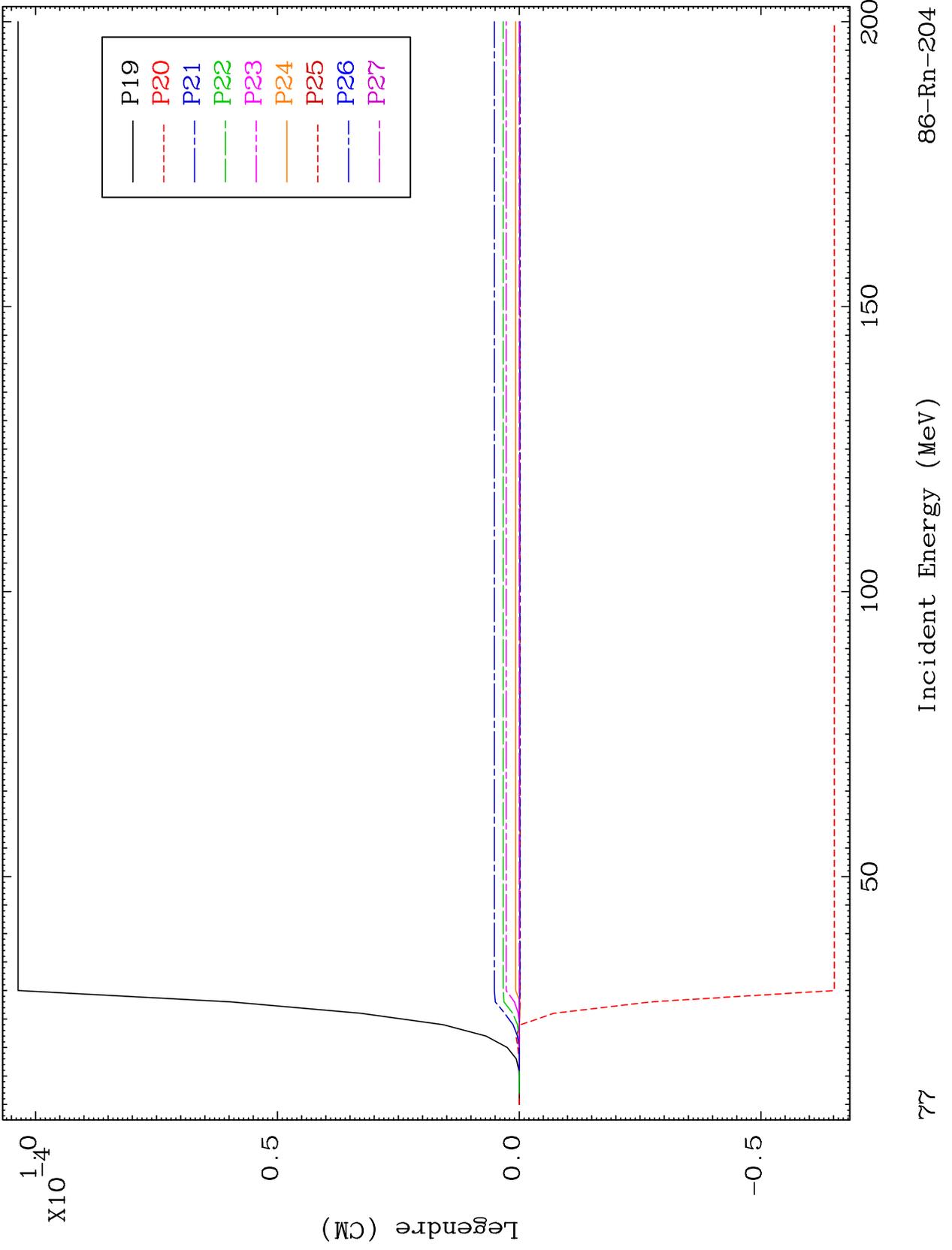
86-Rn-204



MAT 8604

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

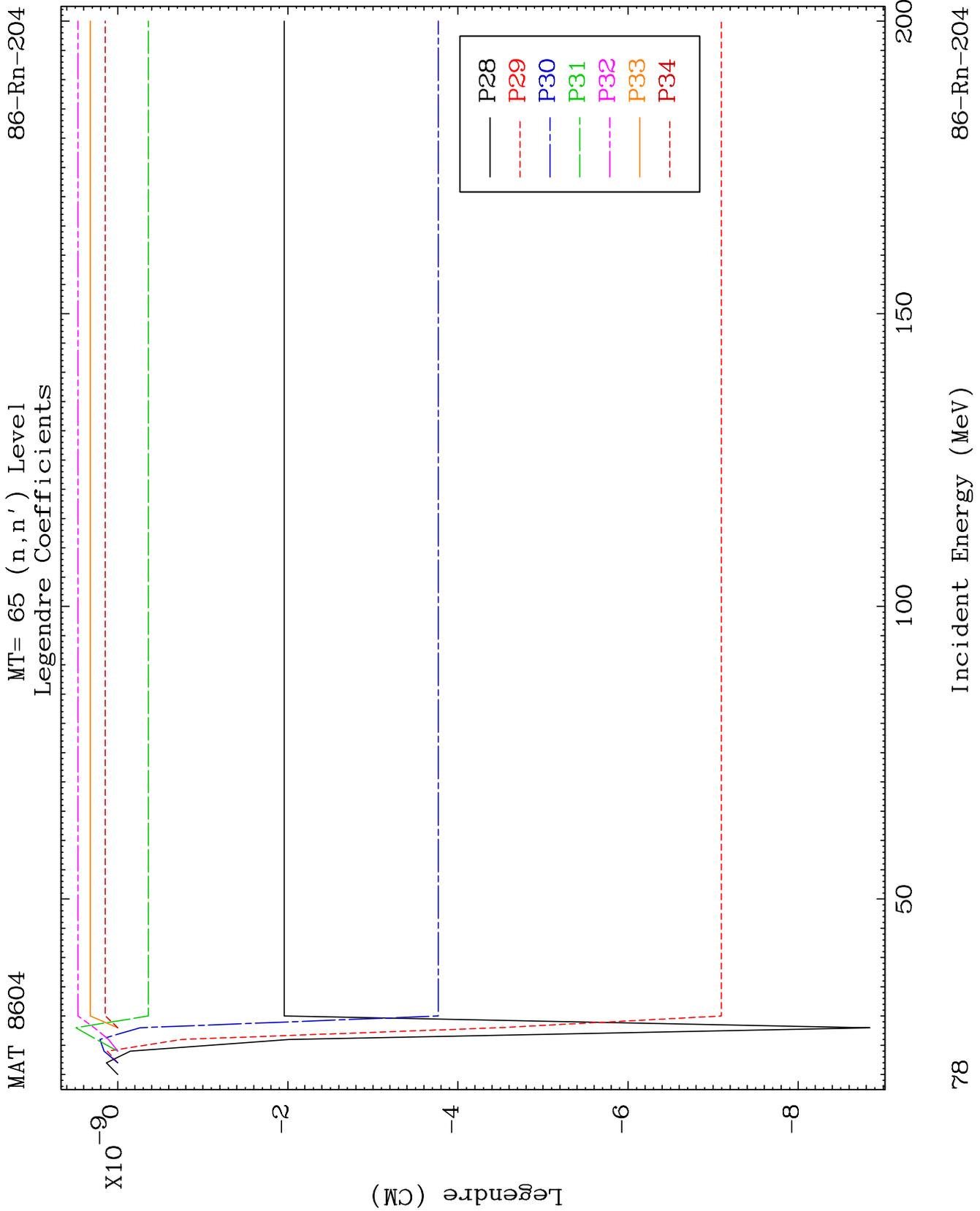
86-Rn-204



77

Incident Energy (MeV)

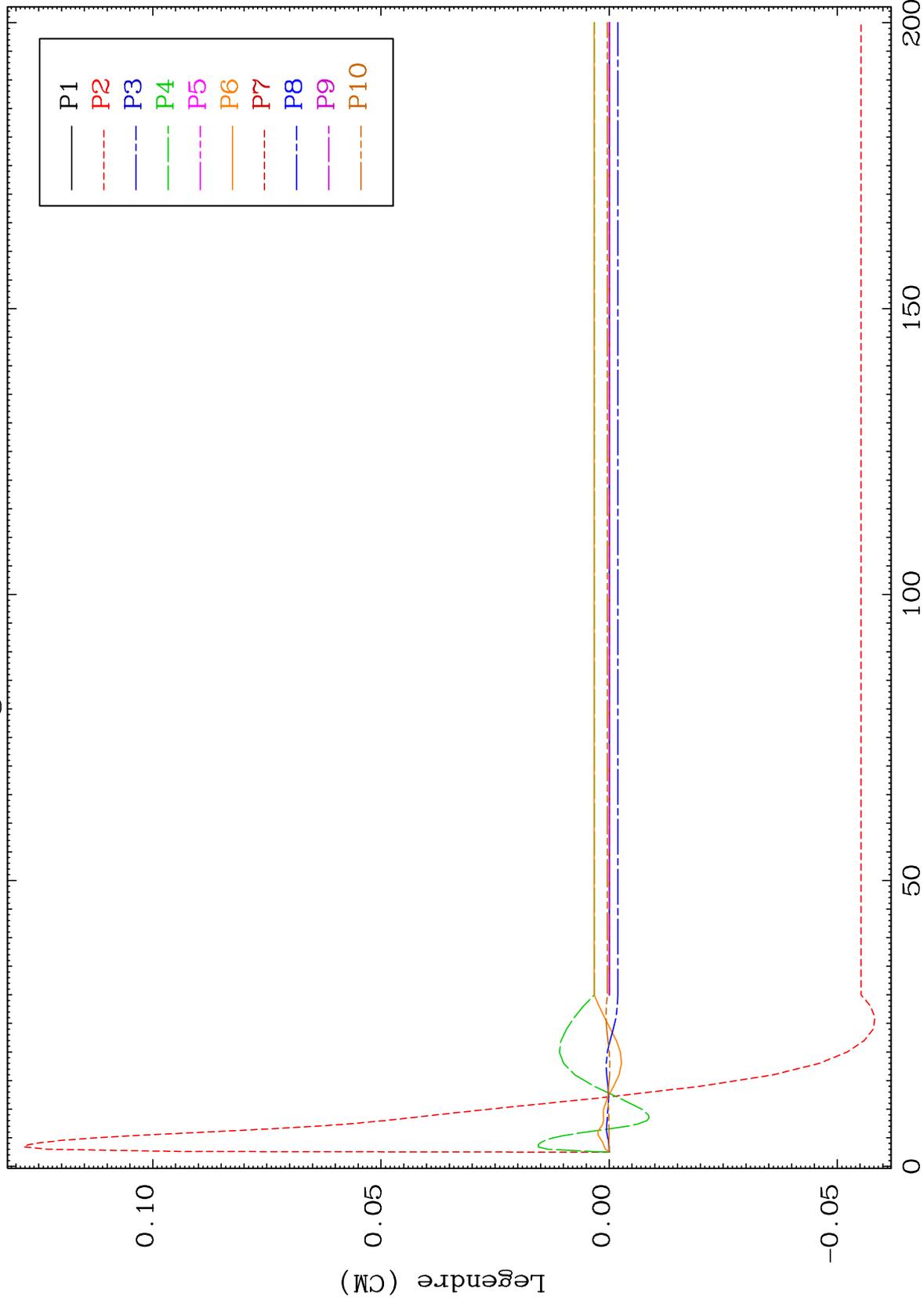
86-Rn-204



MAT 8604

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

86-Rn-204



79

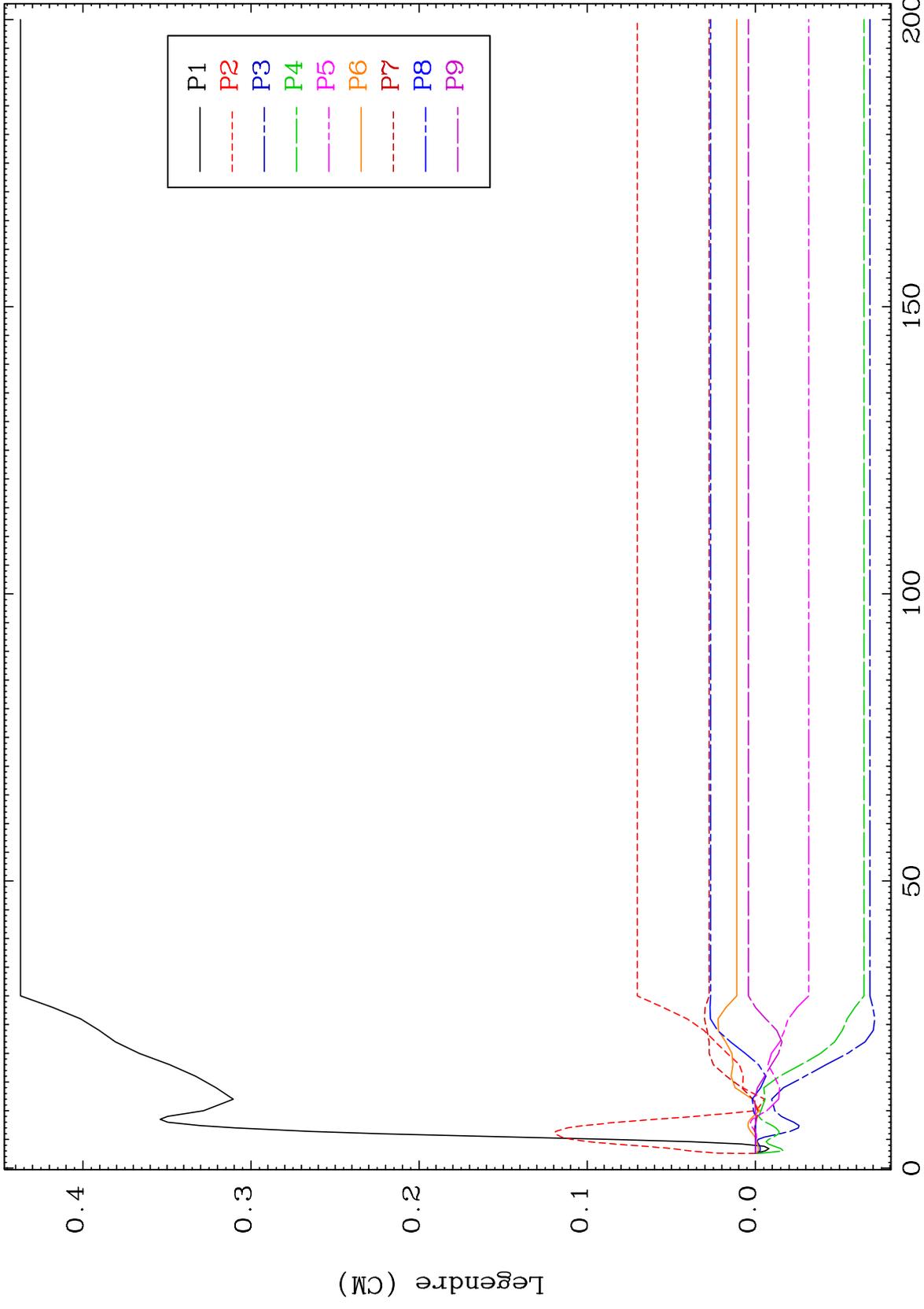
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



82

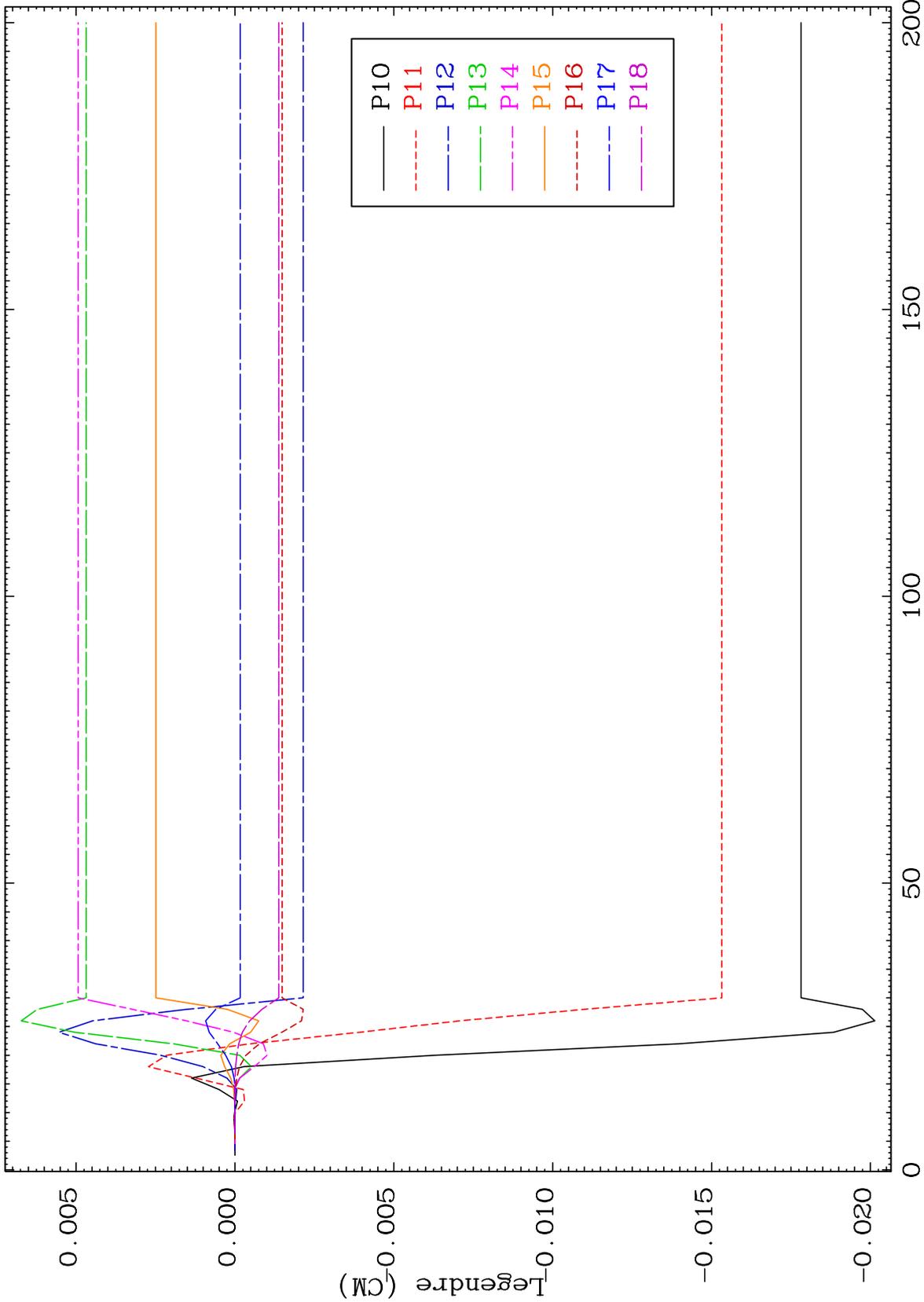
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



83

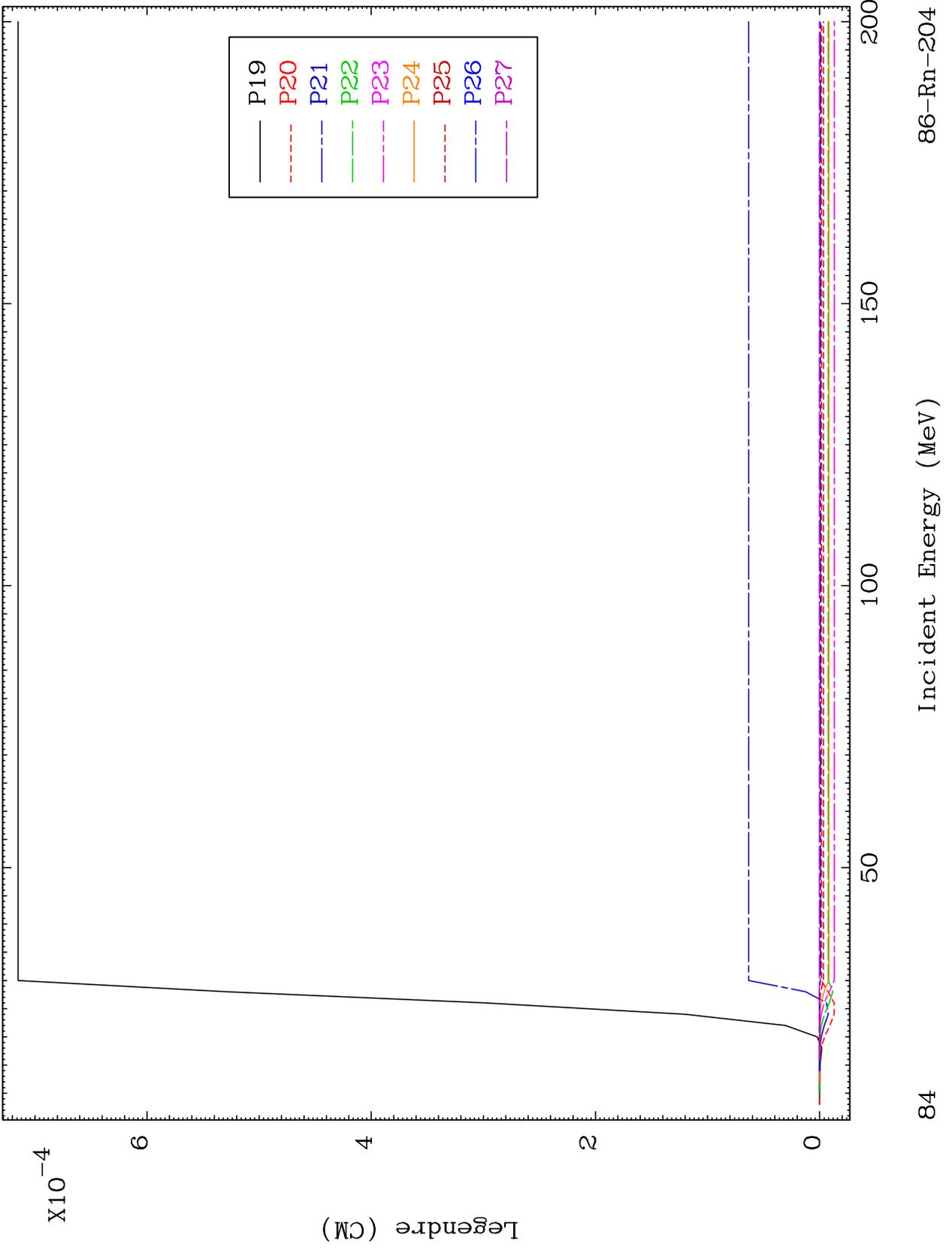
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204

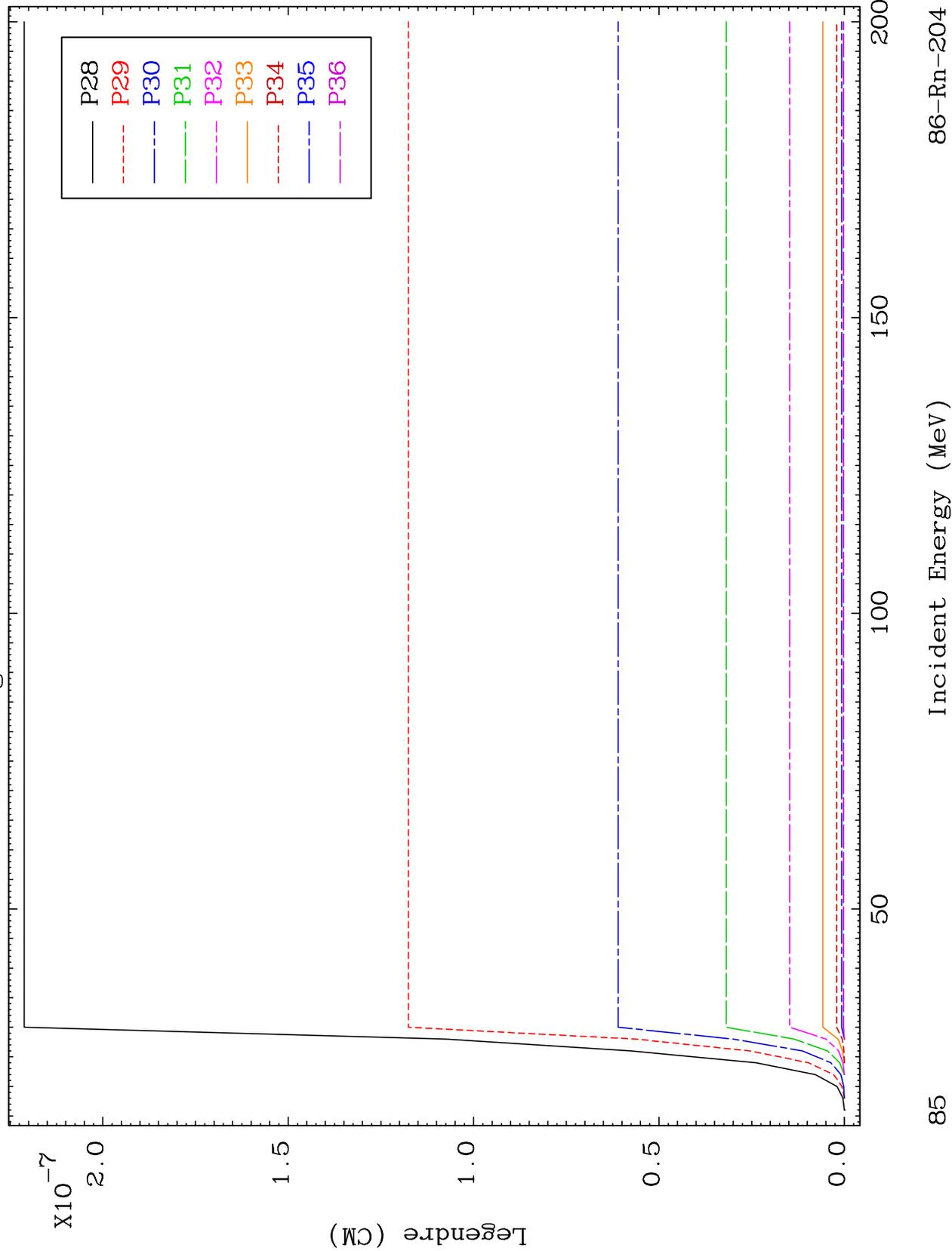


84

MAT 8604

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

86-Rn-204



85

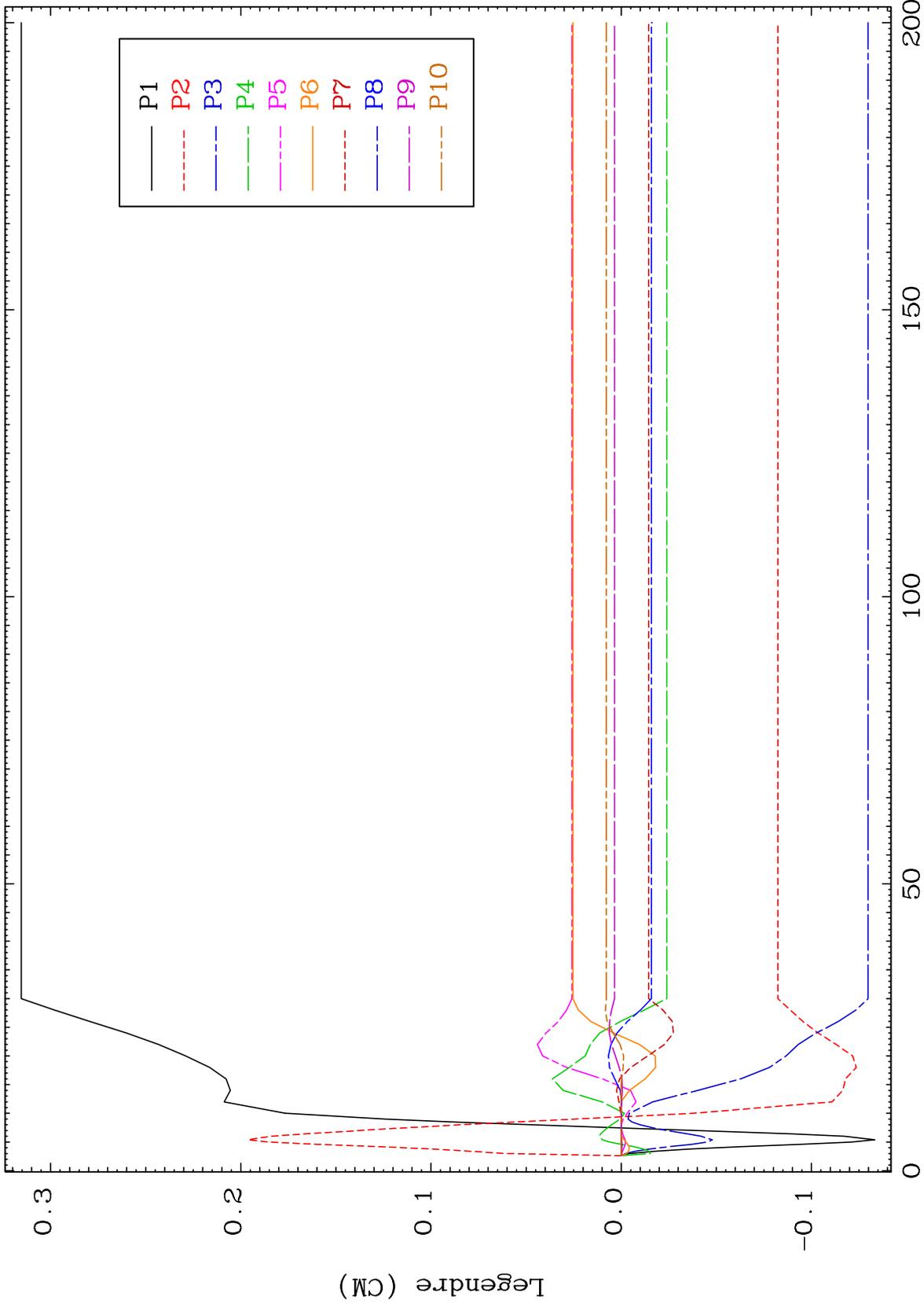
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



86

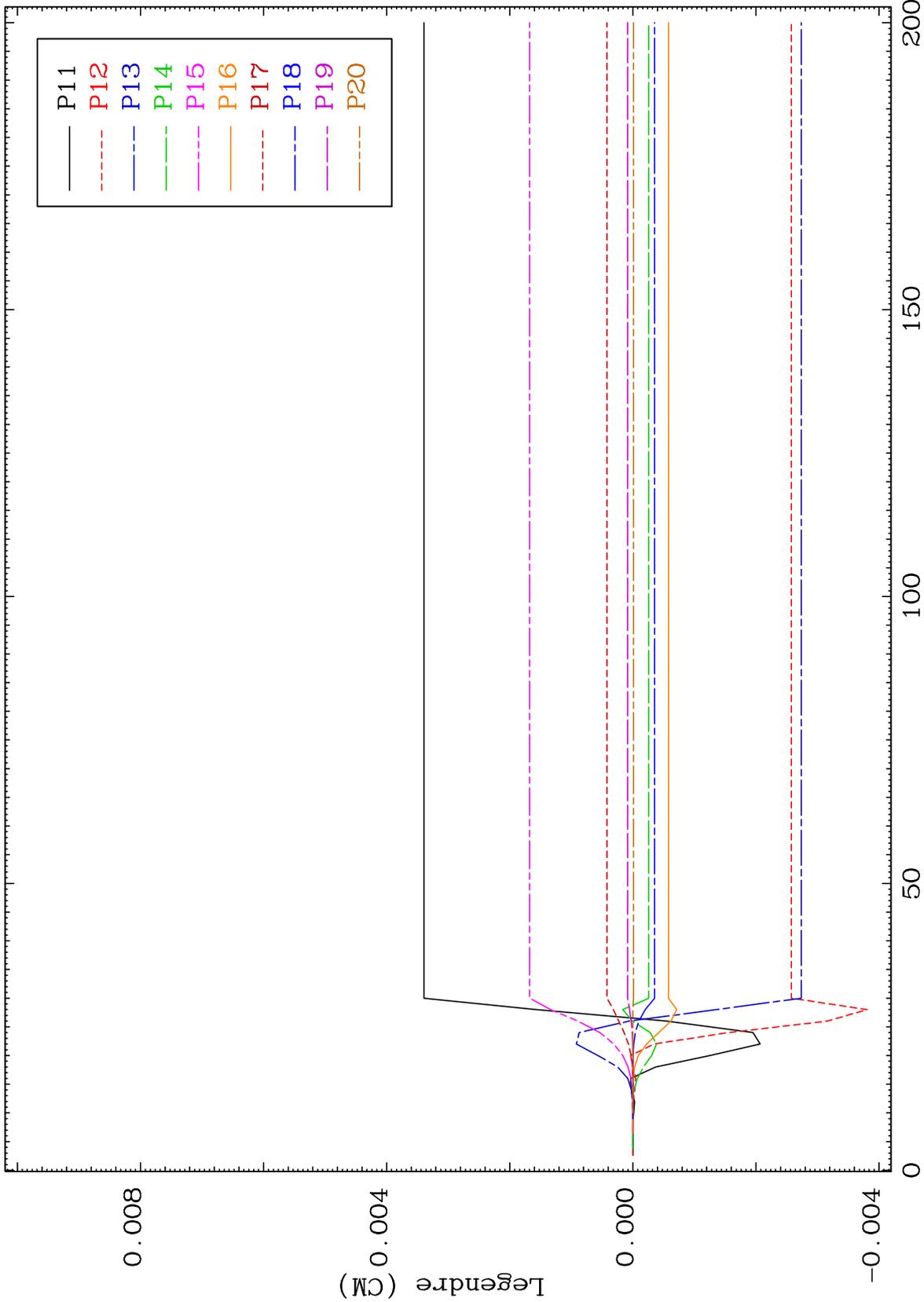
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



87

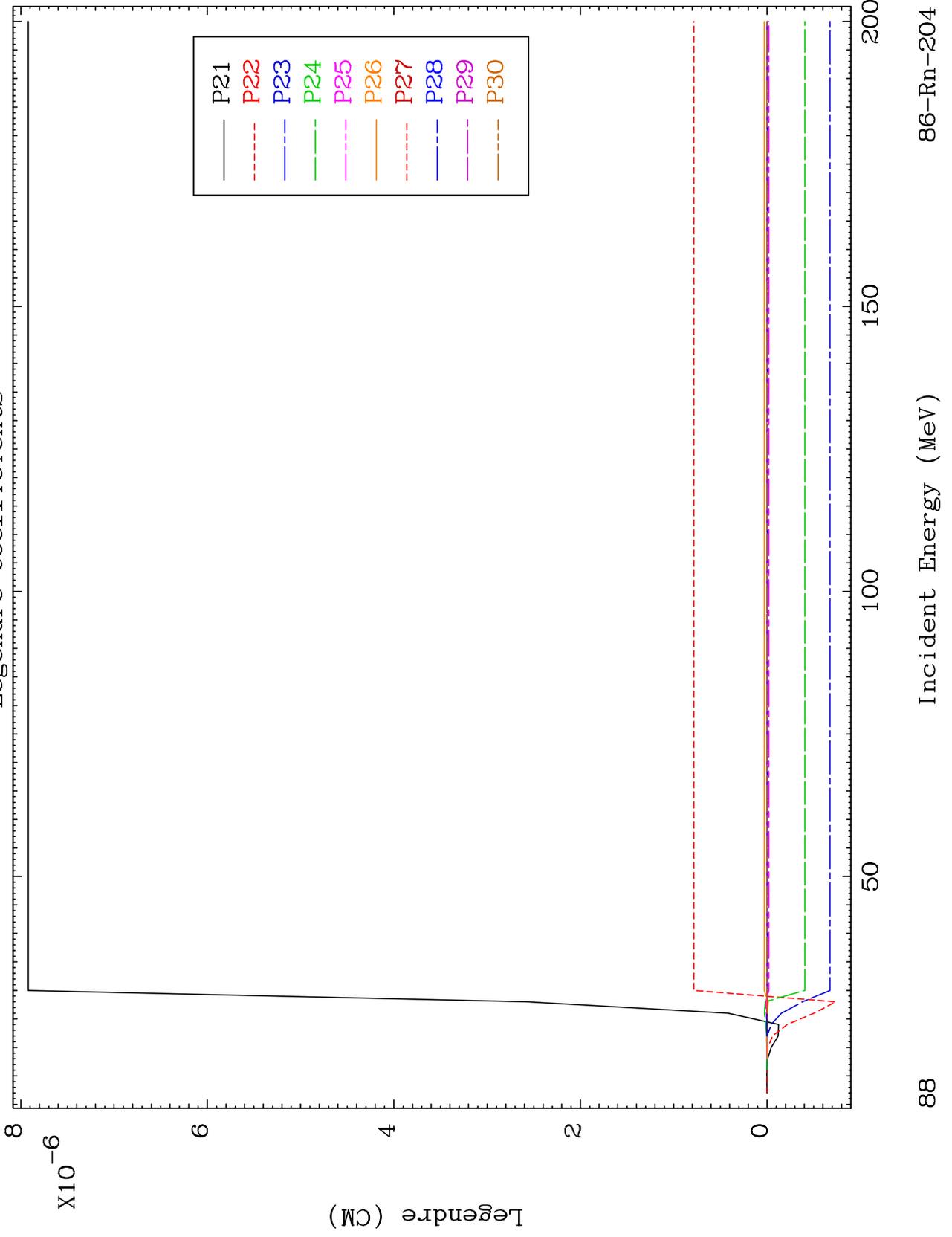
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

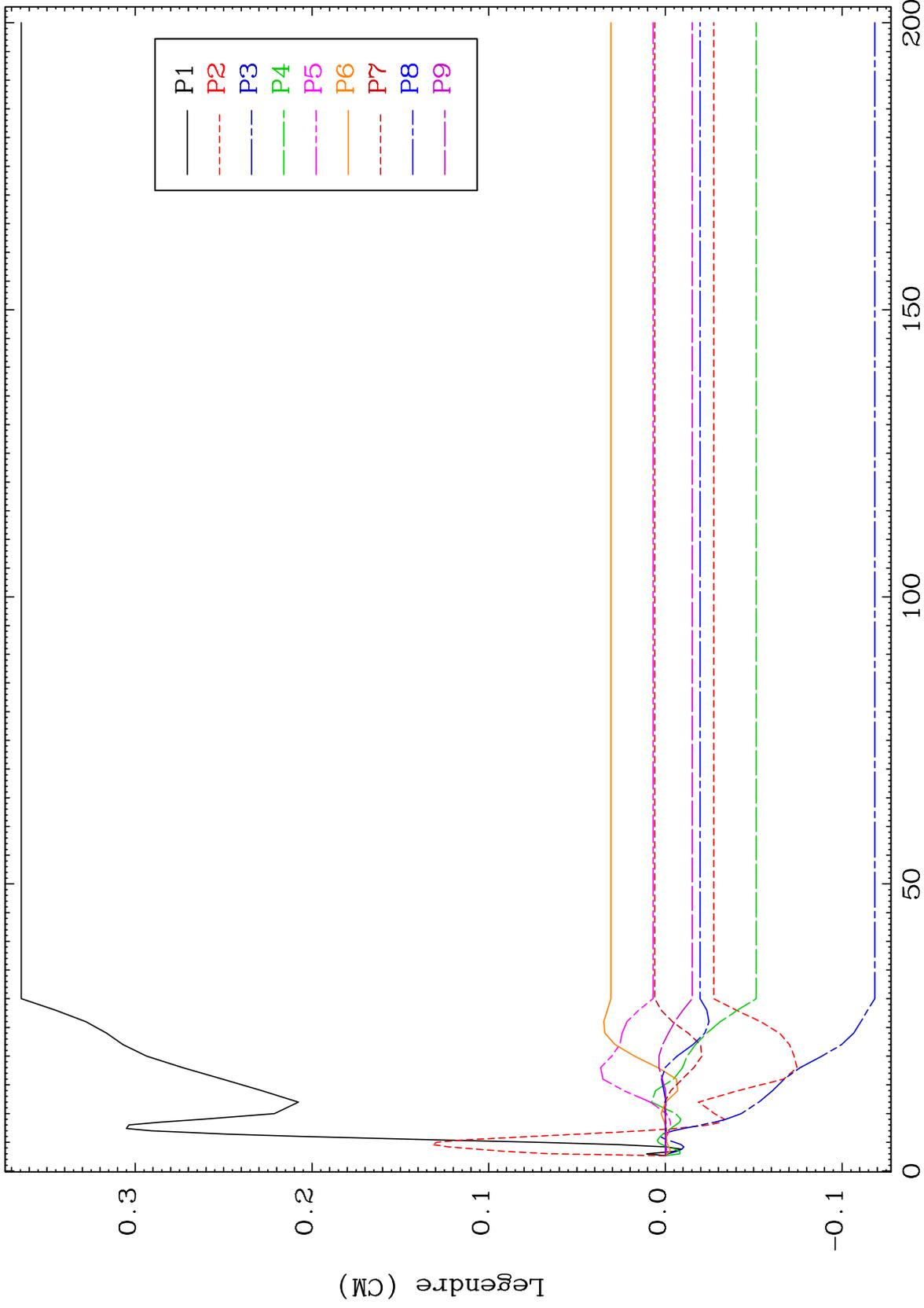
86-Rn-204



MAT 8604

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

86-Rn-204



89

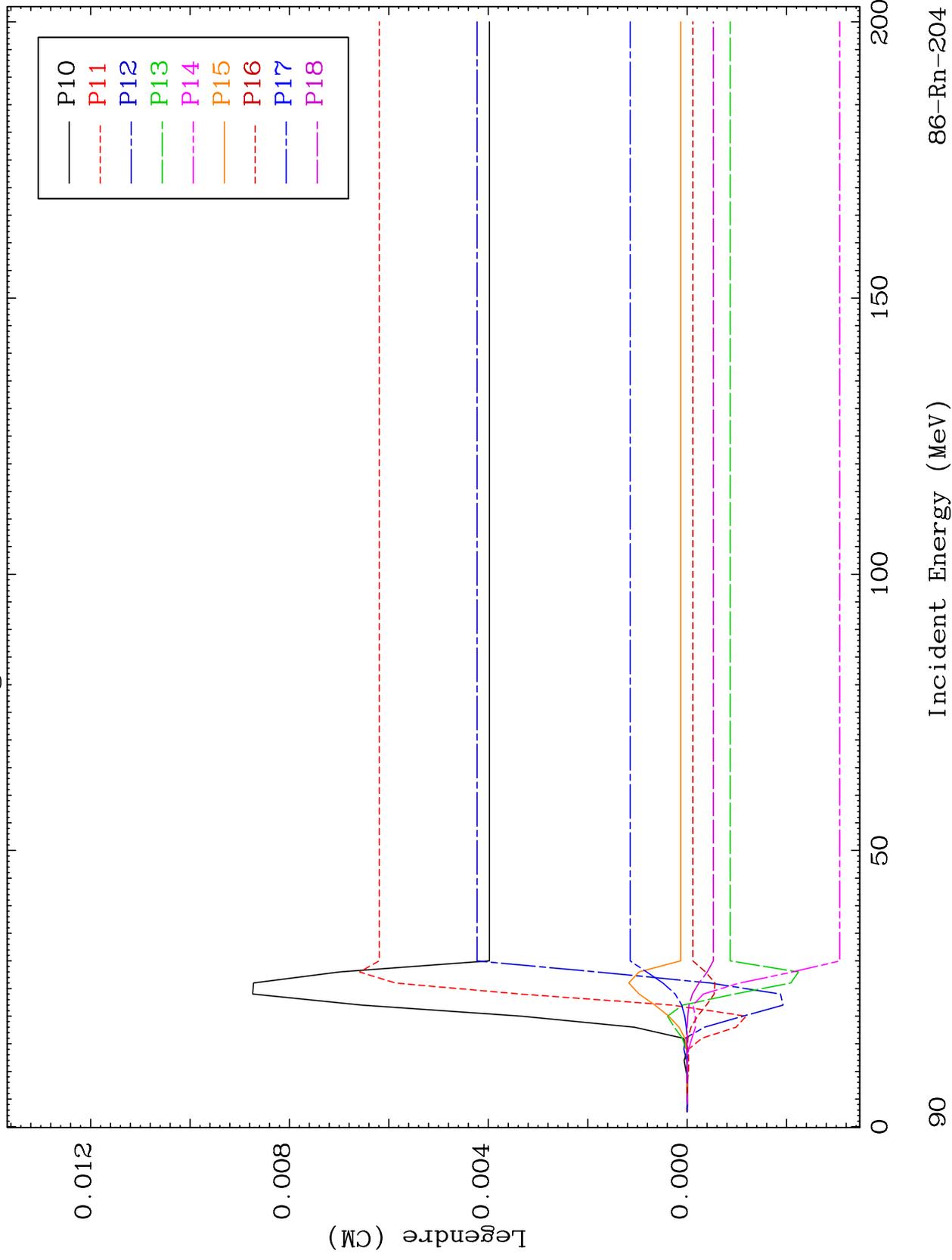
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

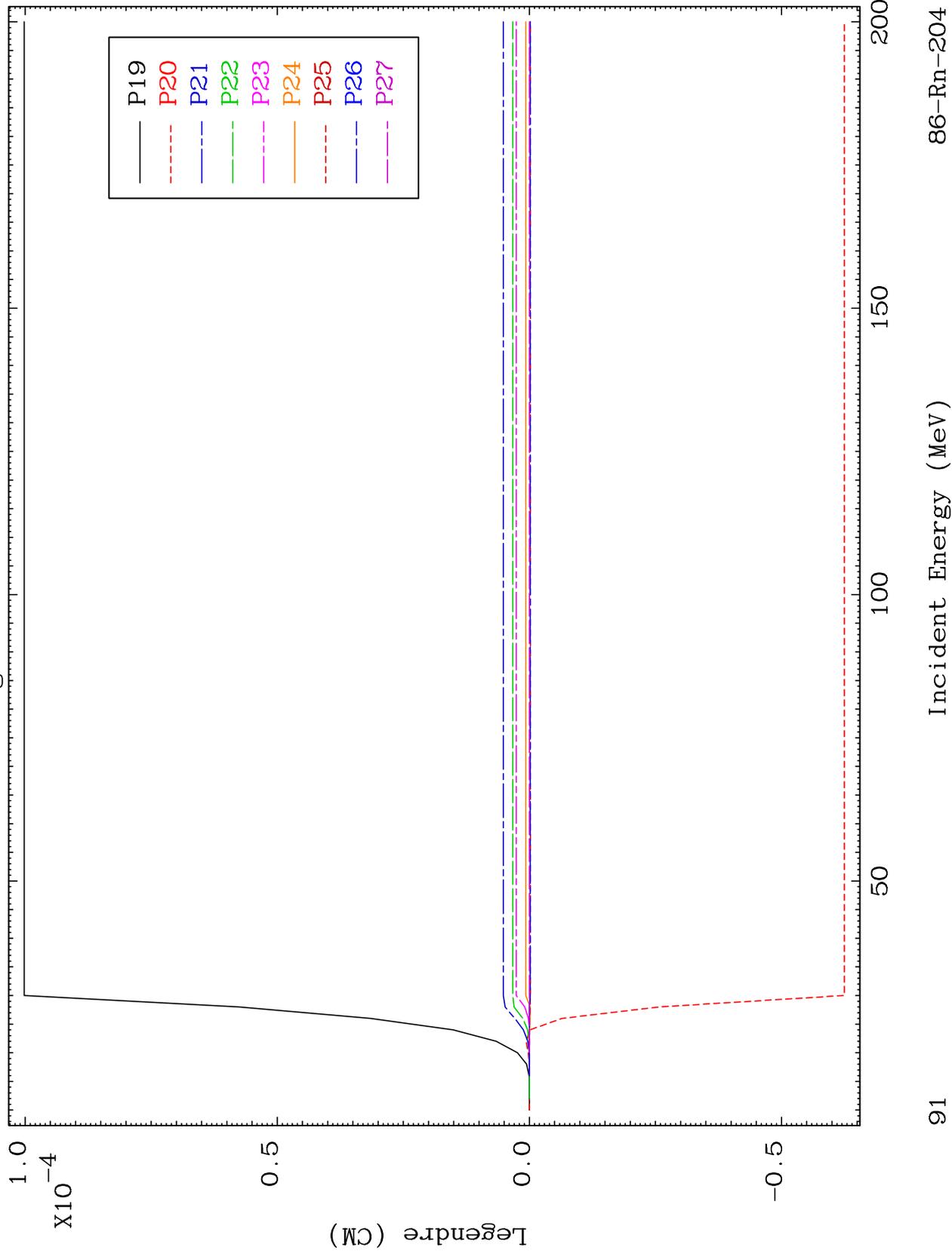
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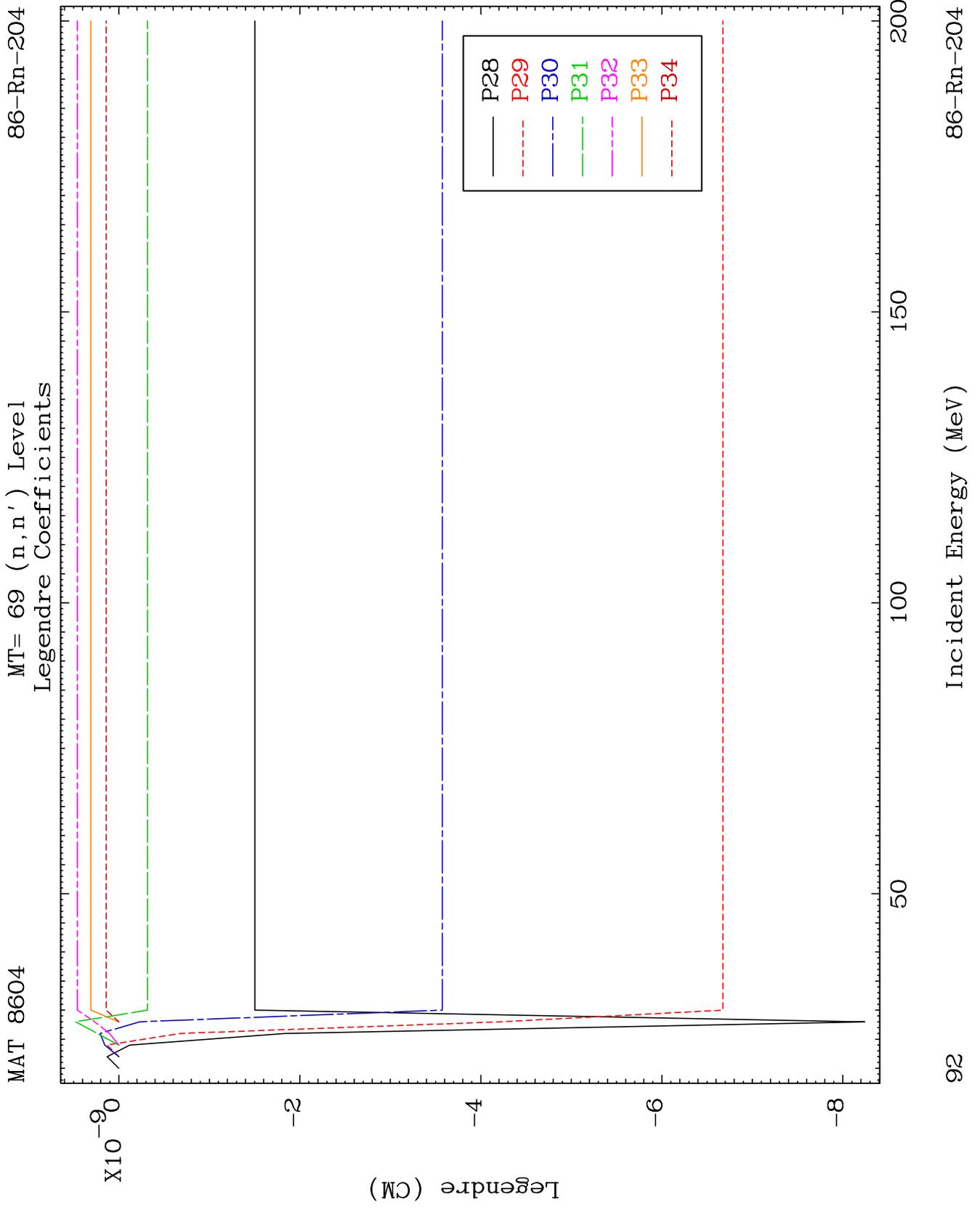


86-Rn-204

Incident Energy (MeV)

90

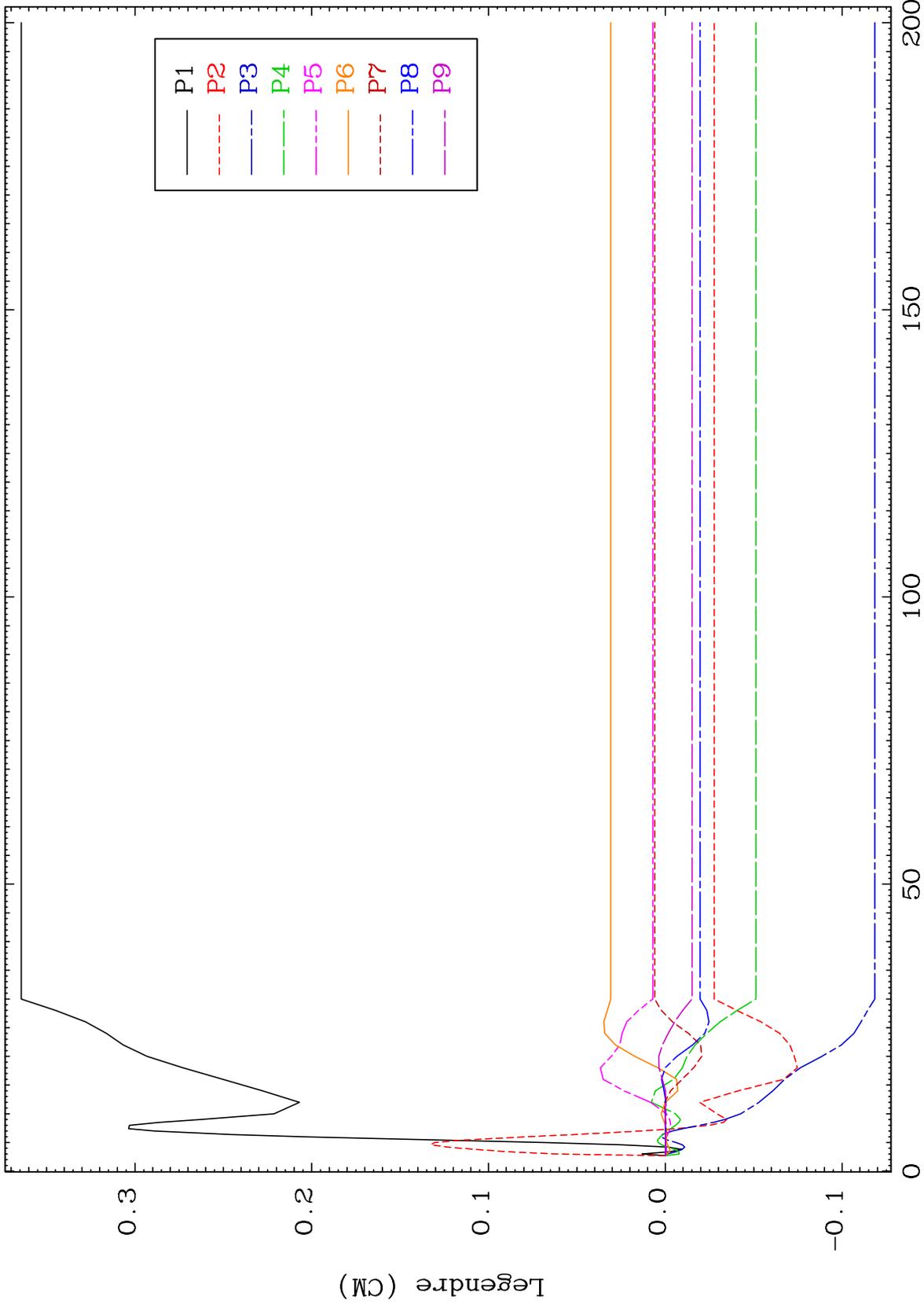




MAT 8604

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

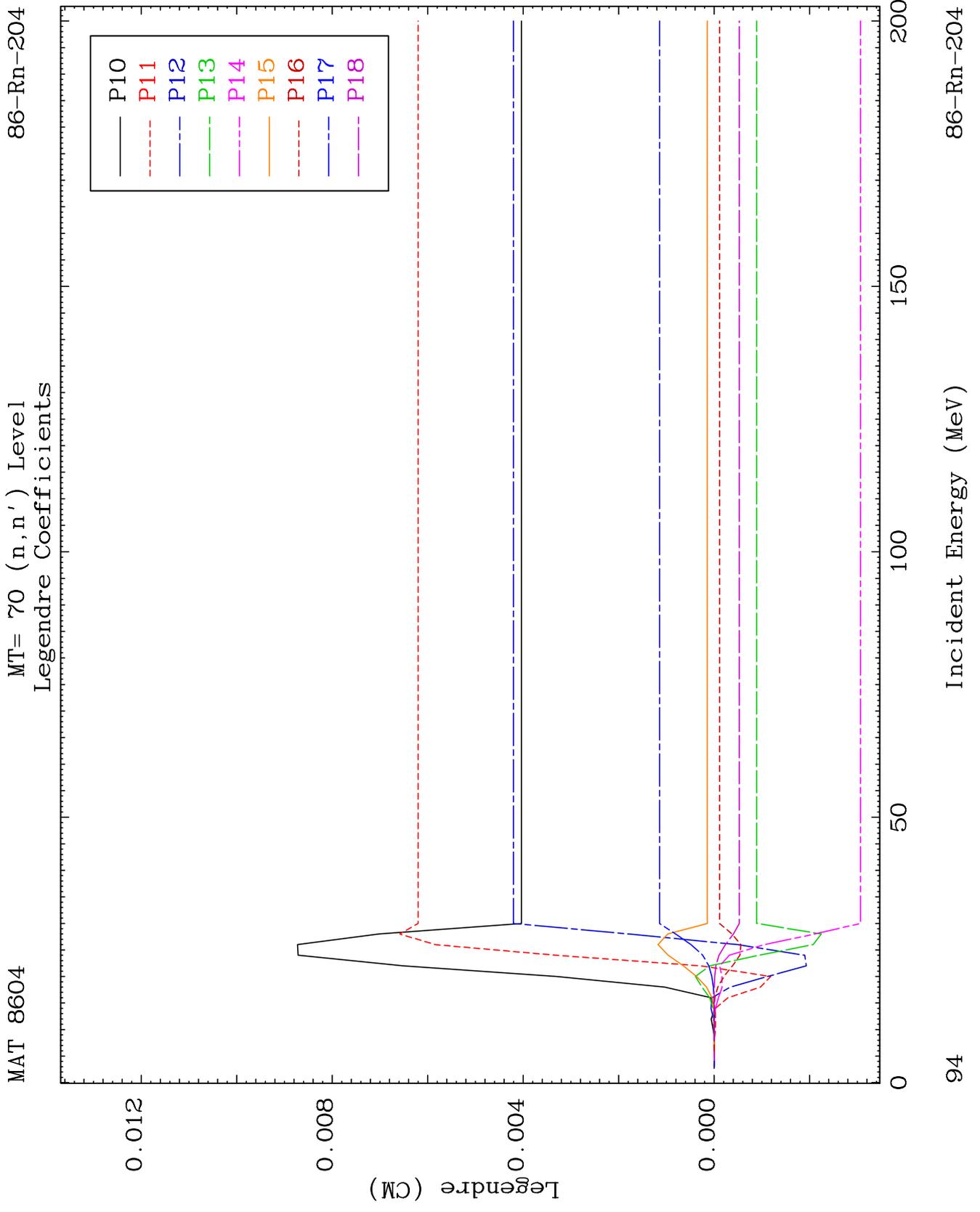
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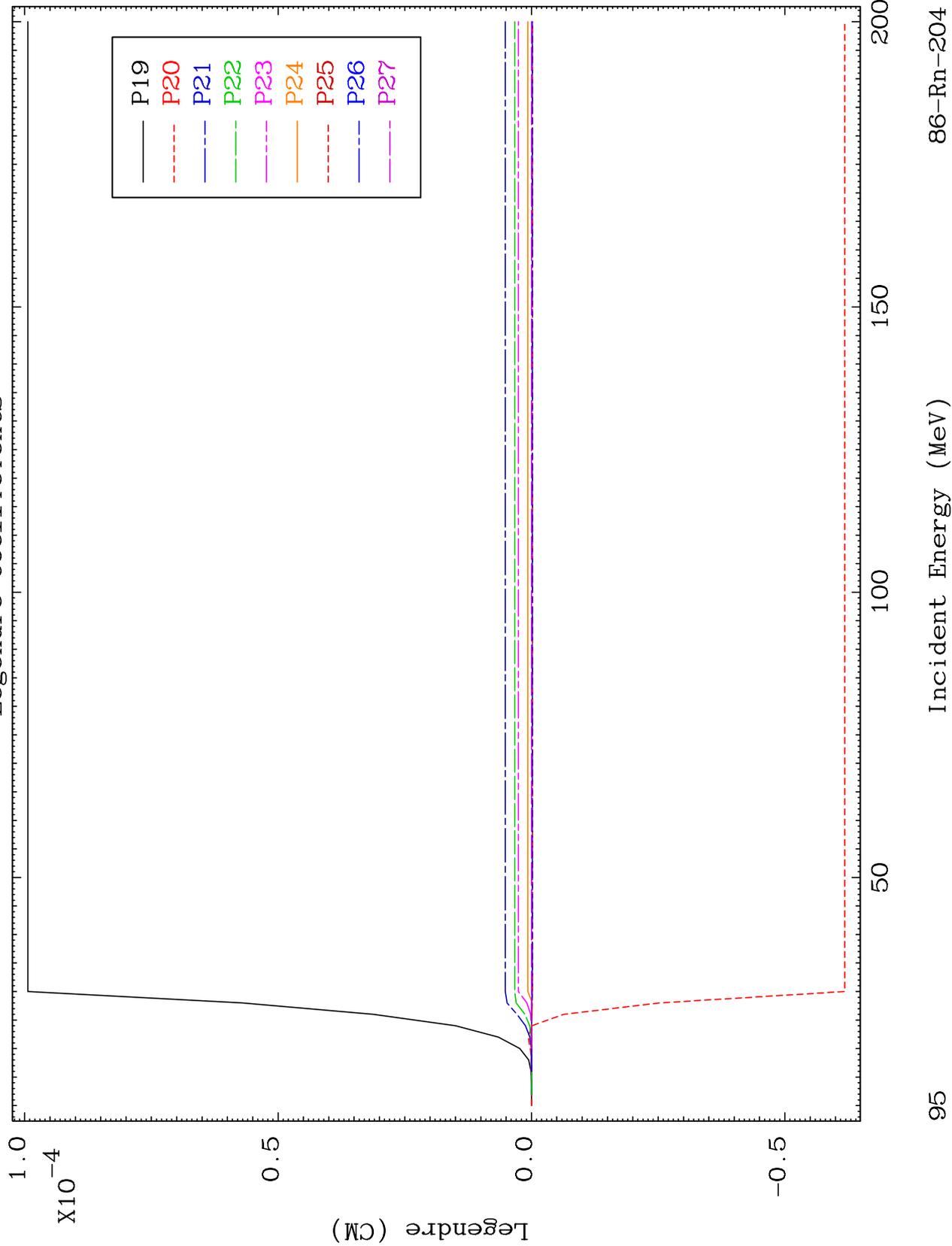


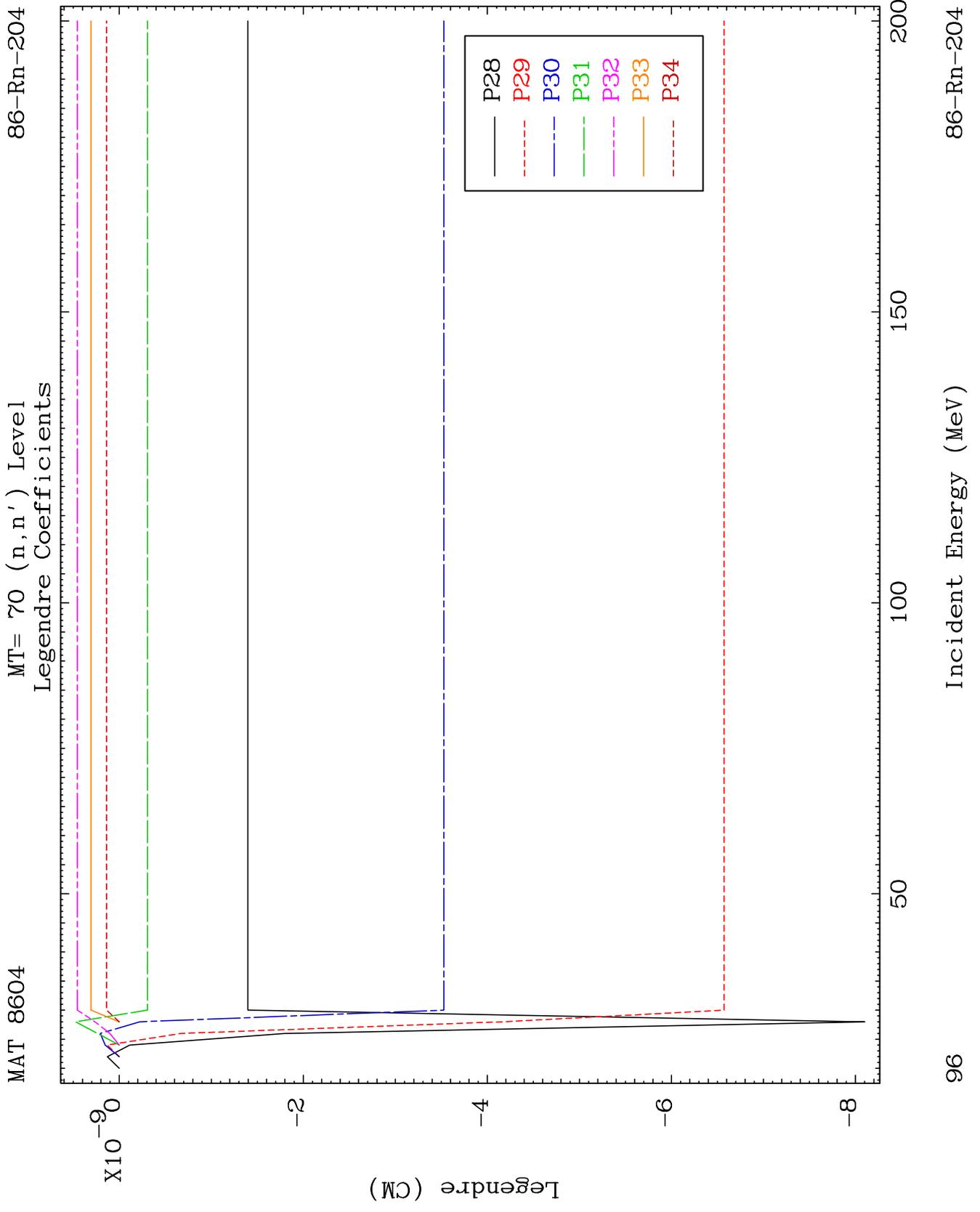
93

Incident Energy (MeV)

86-Rn-204



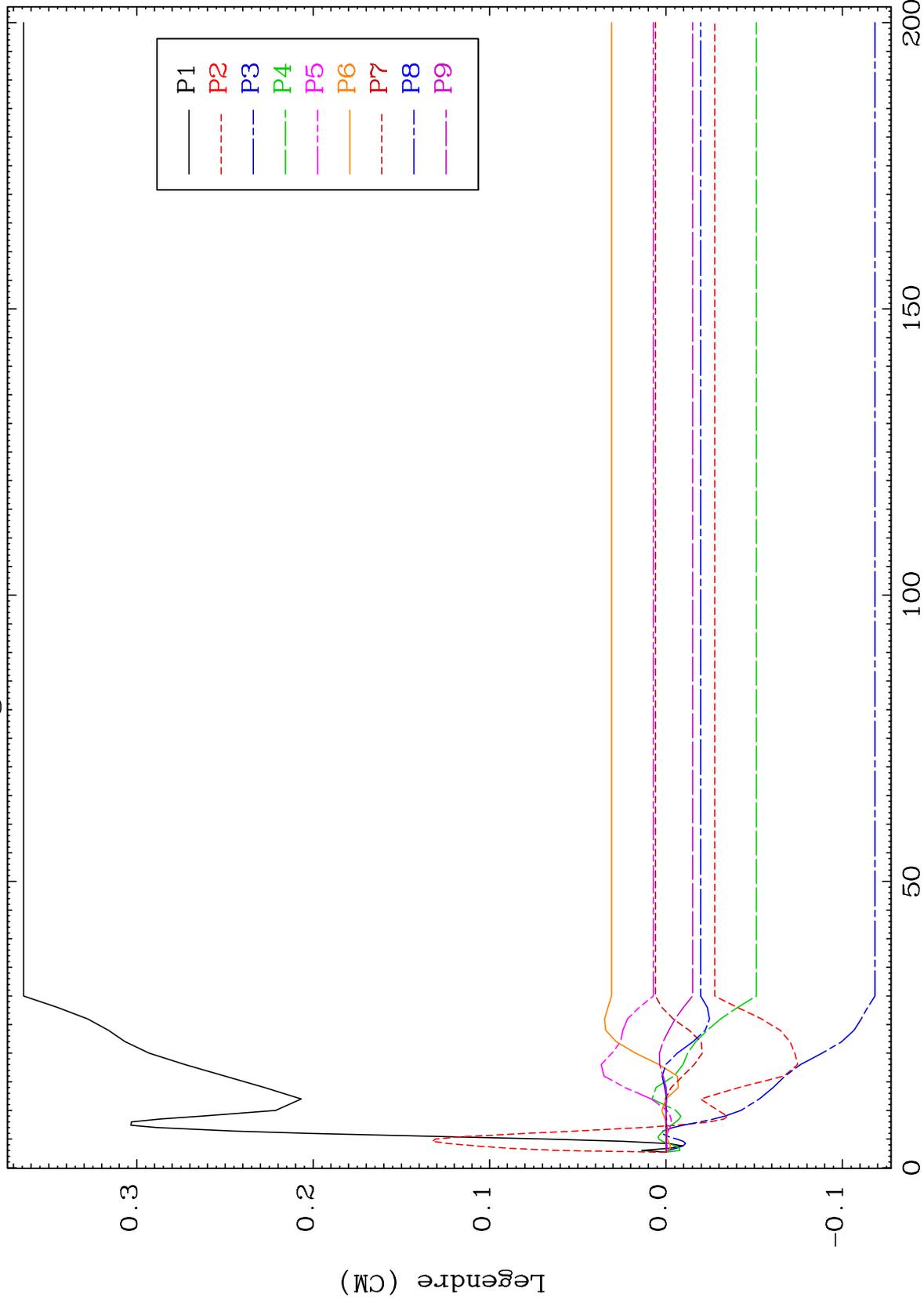




MAT 8604

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

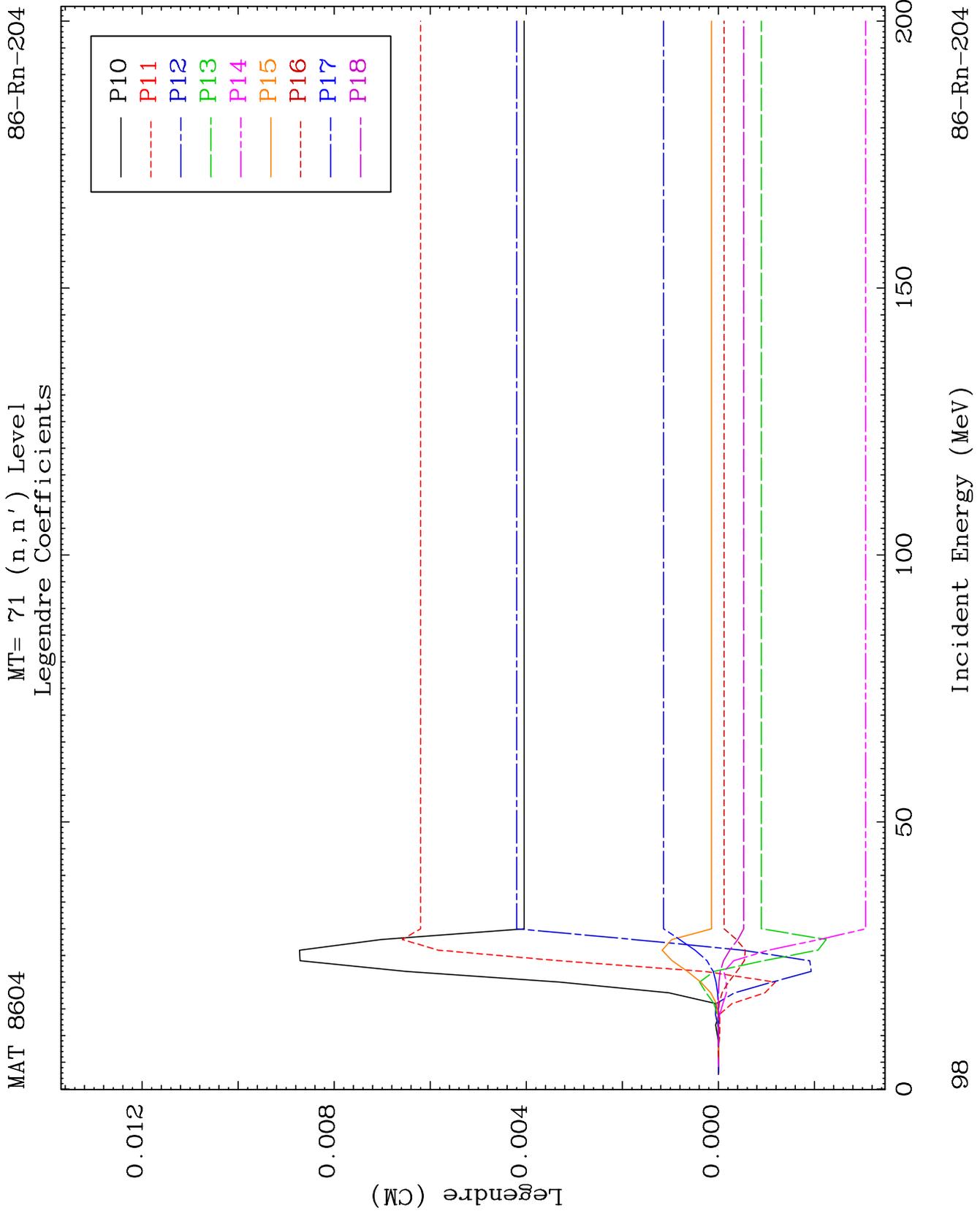
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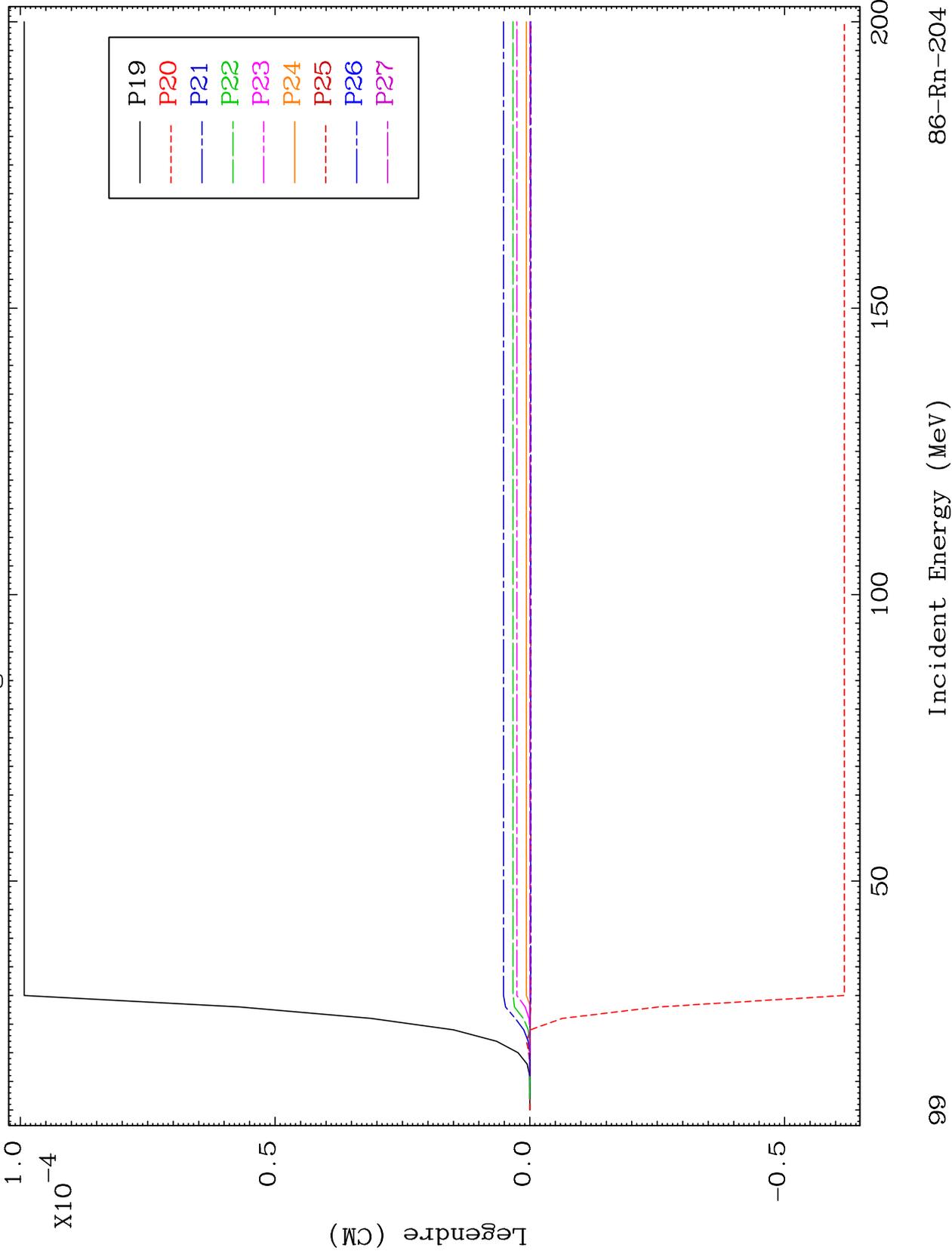


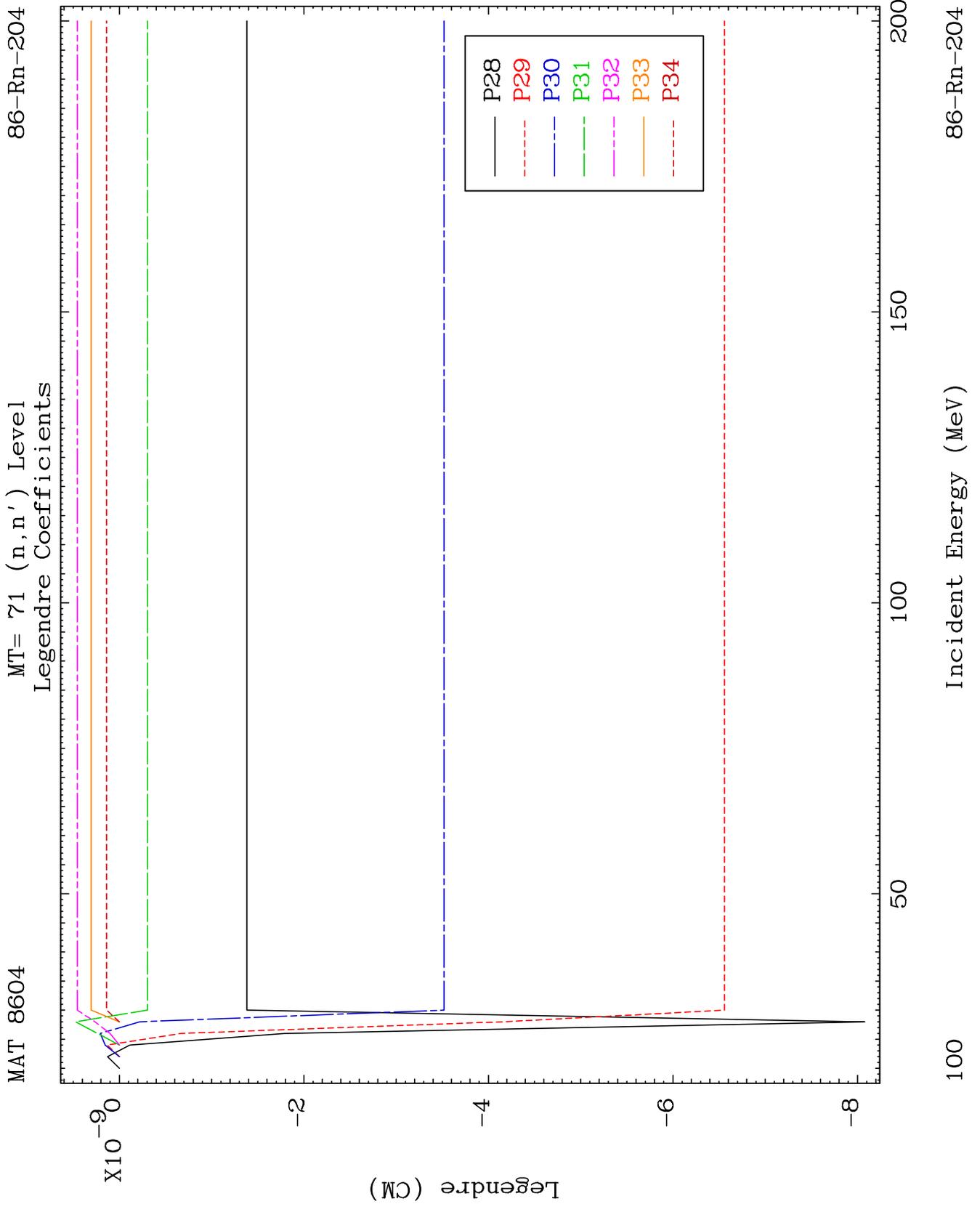
97

Incident Energy (MeV)

86-Rn-204



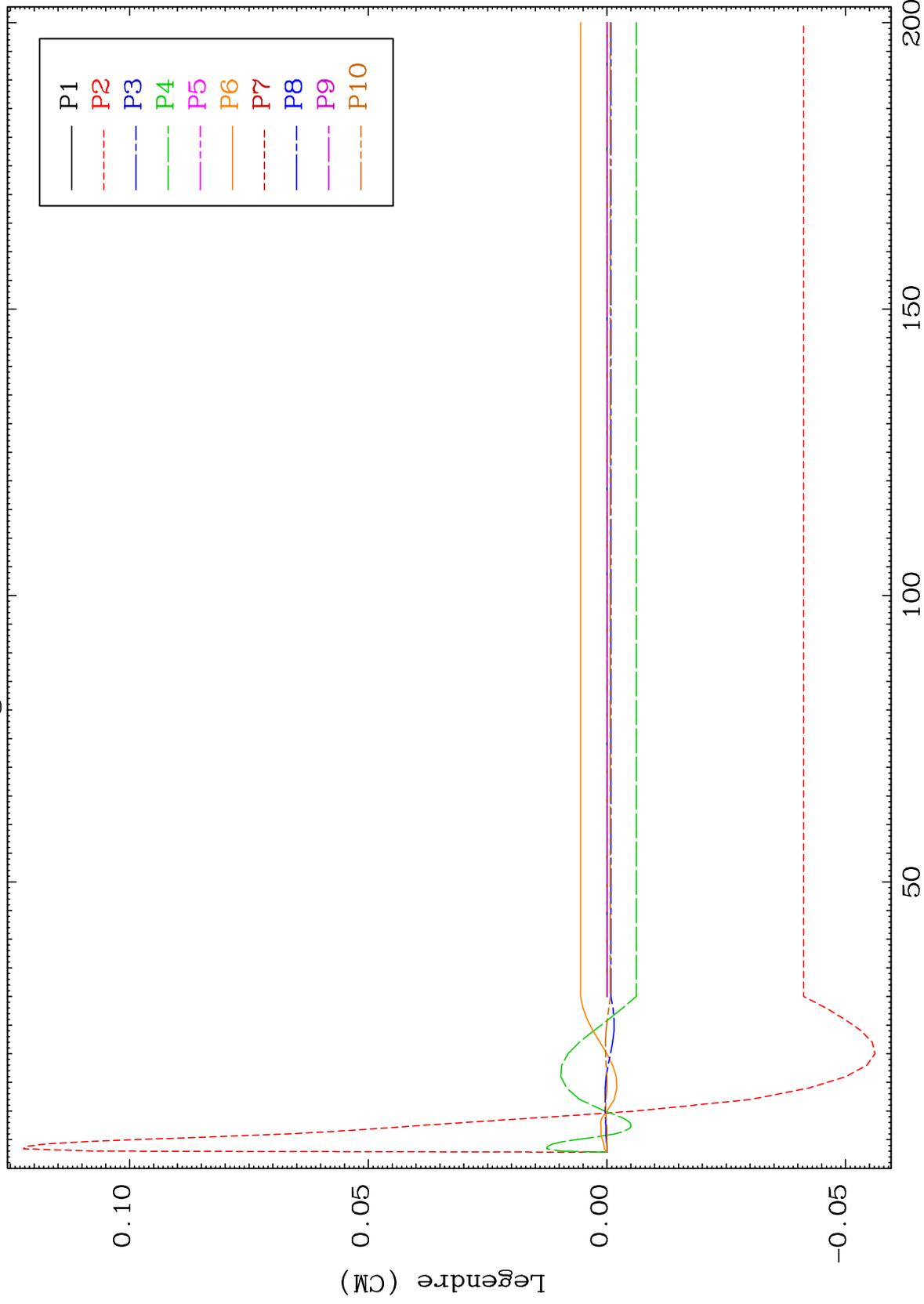




MAT 8604

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

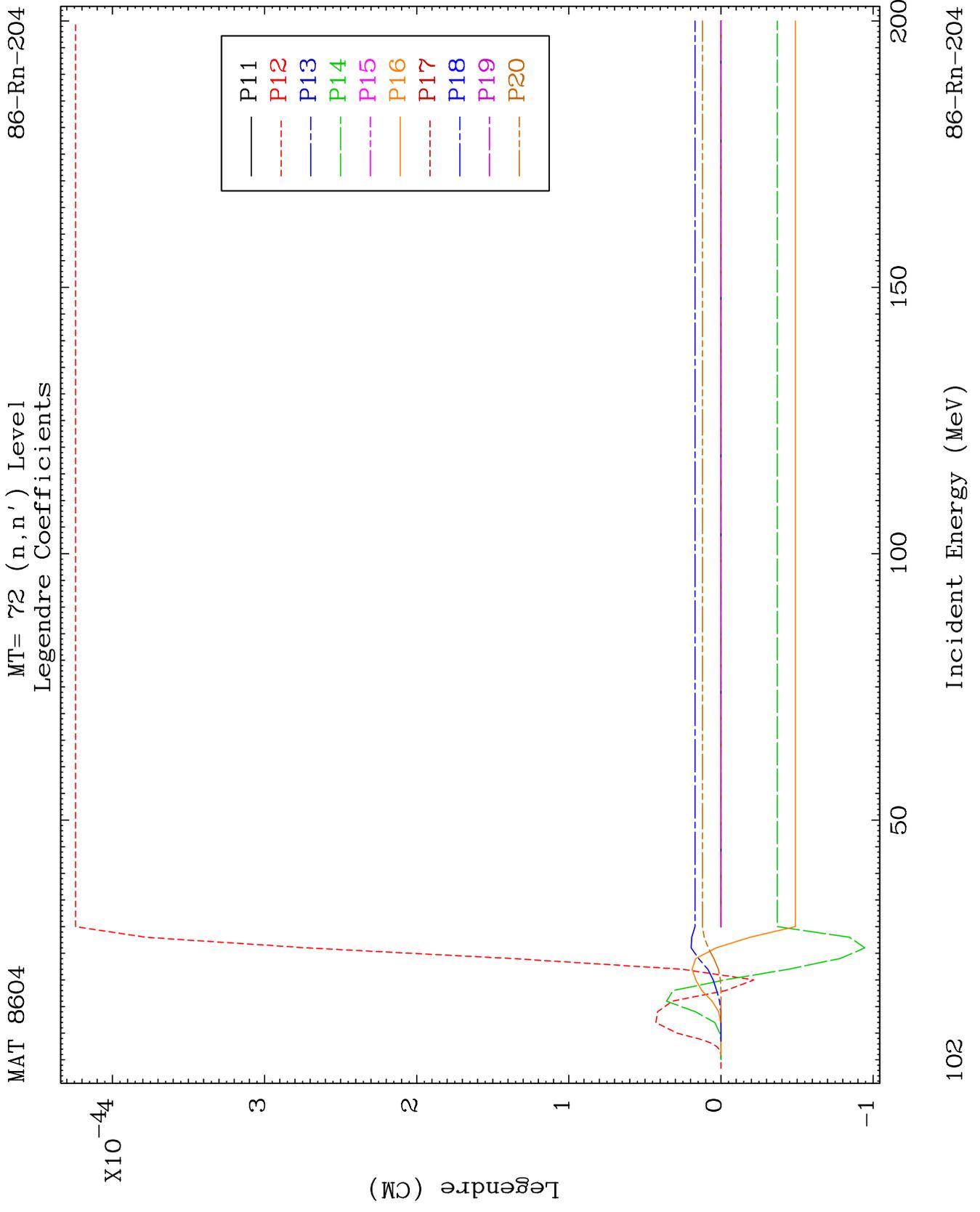
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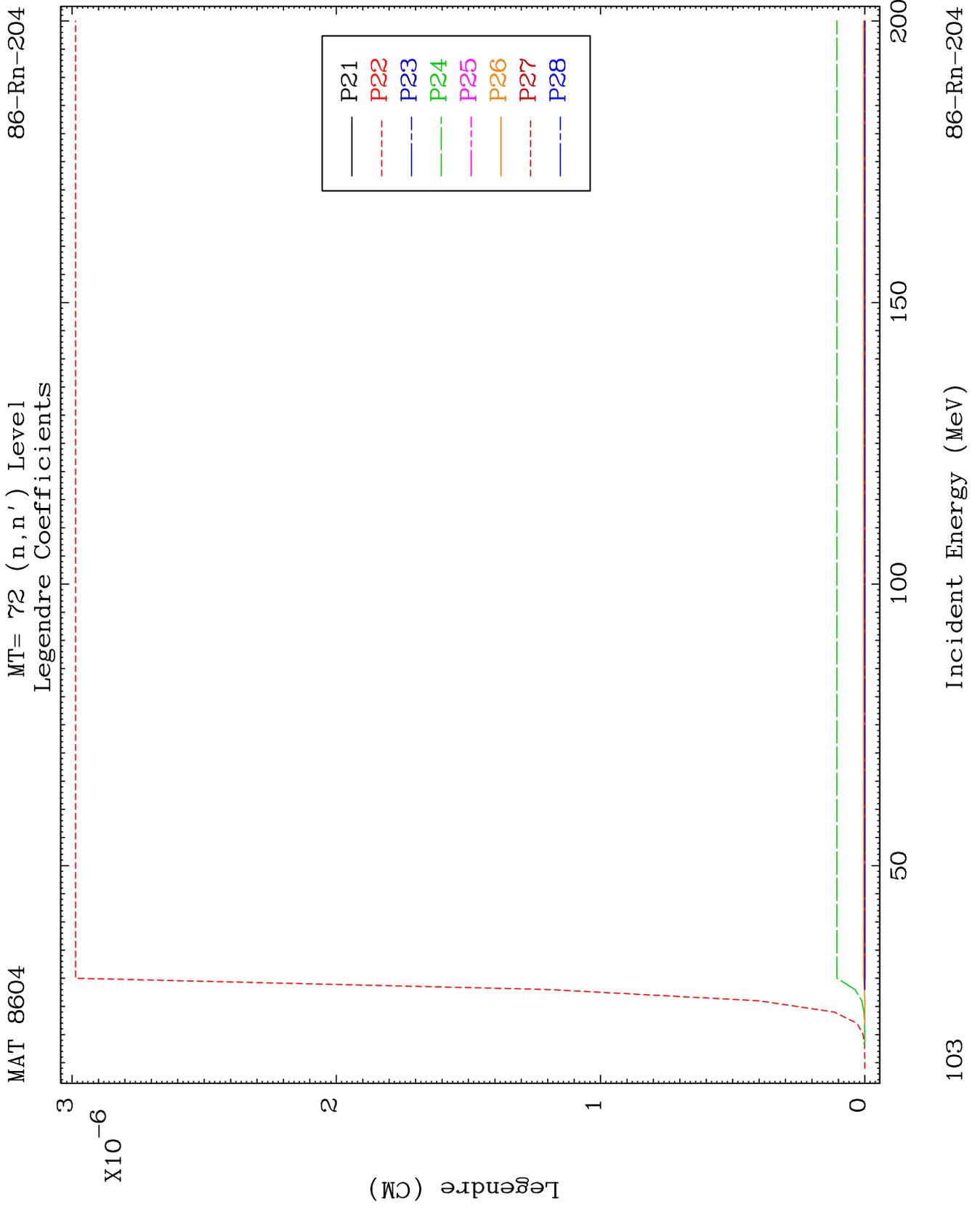


101

Incident Energy (MeV)

86-Rn-204

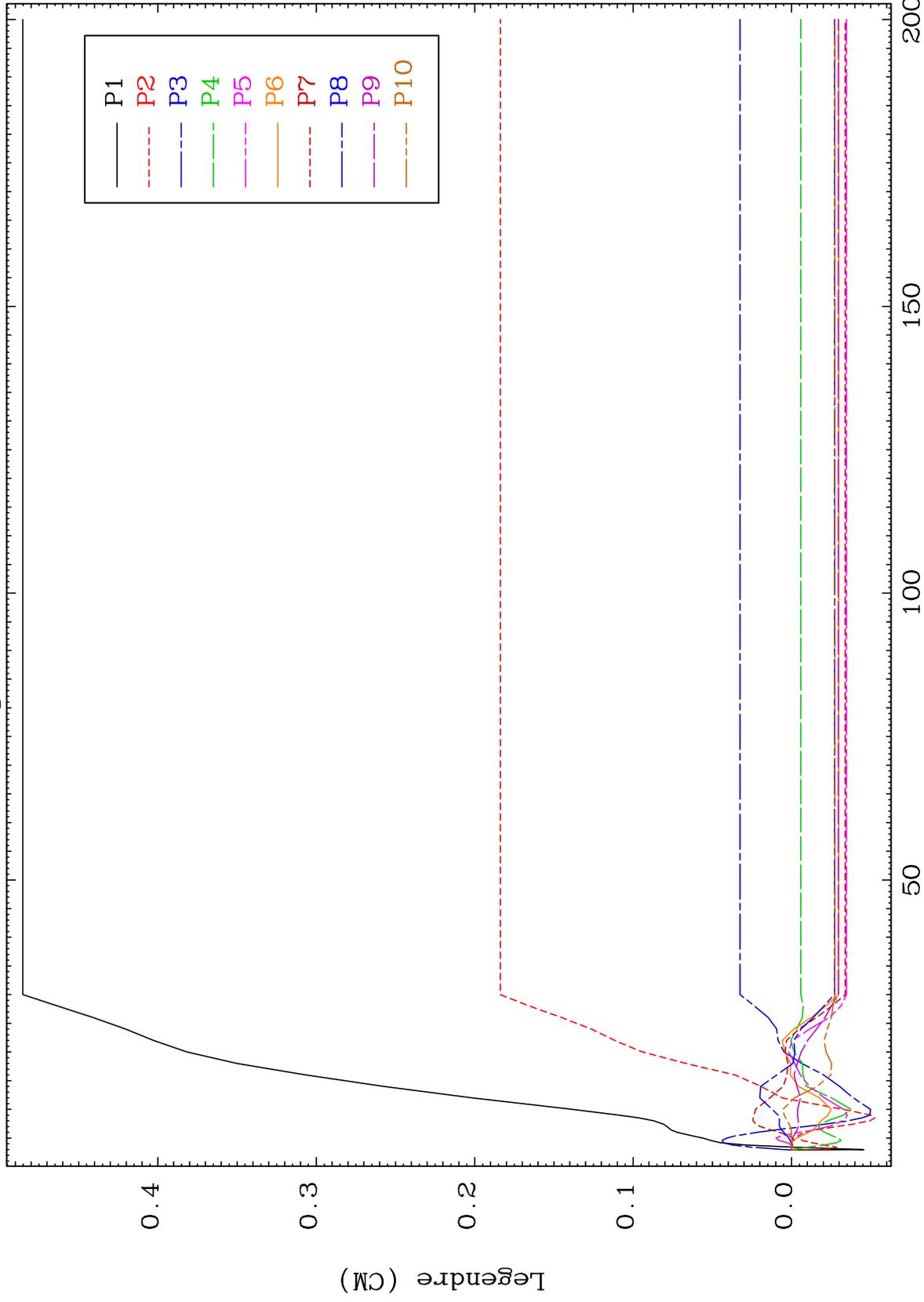




MAT 8604

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

86-Rn-204



104

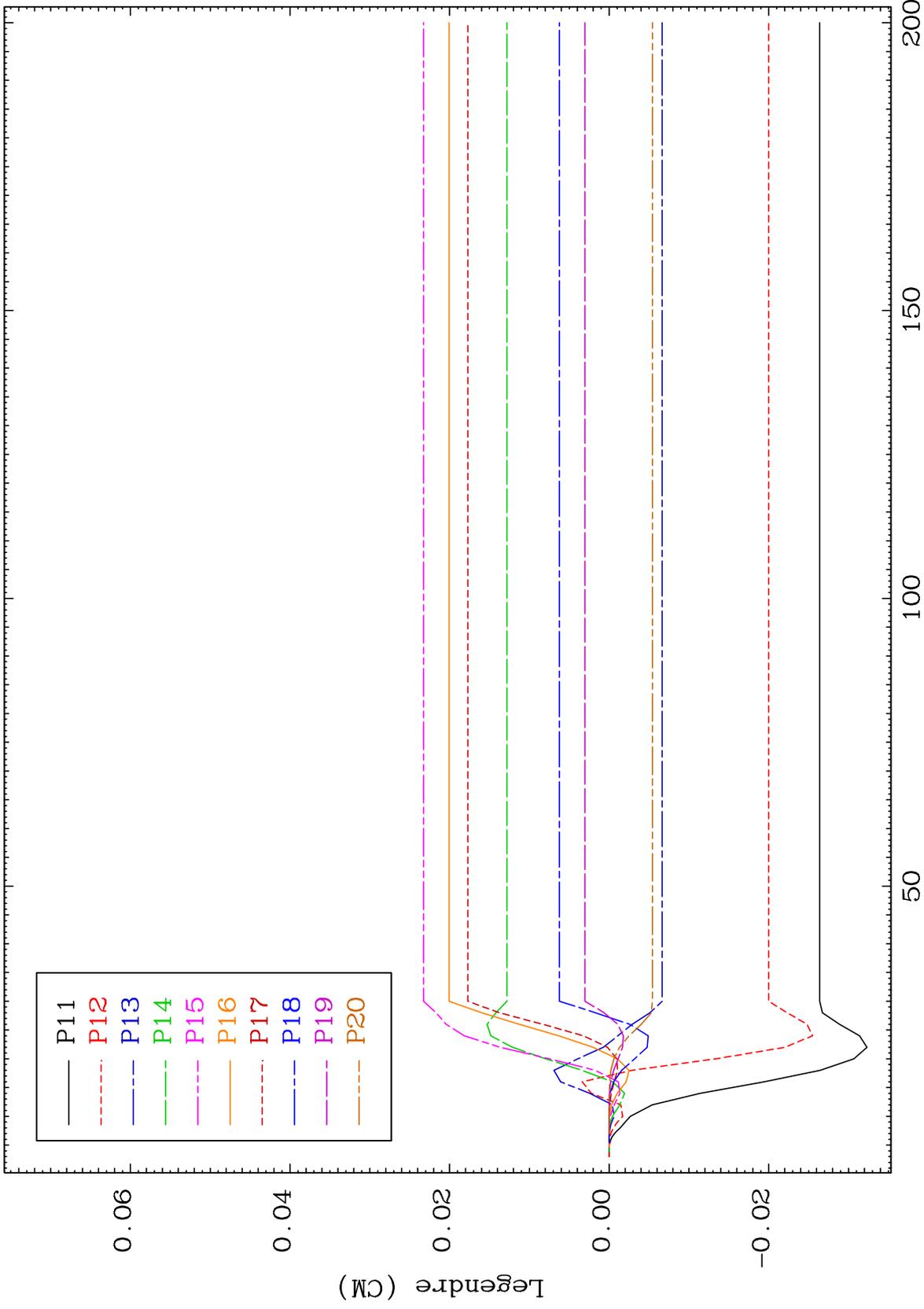
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



105

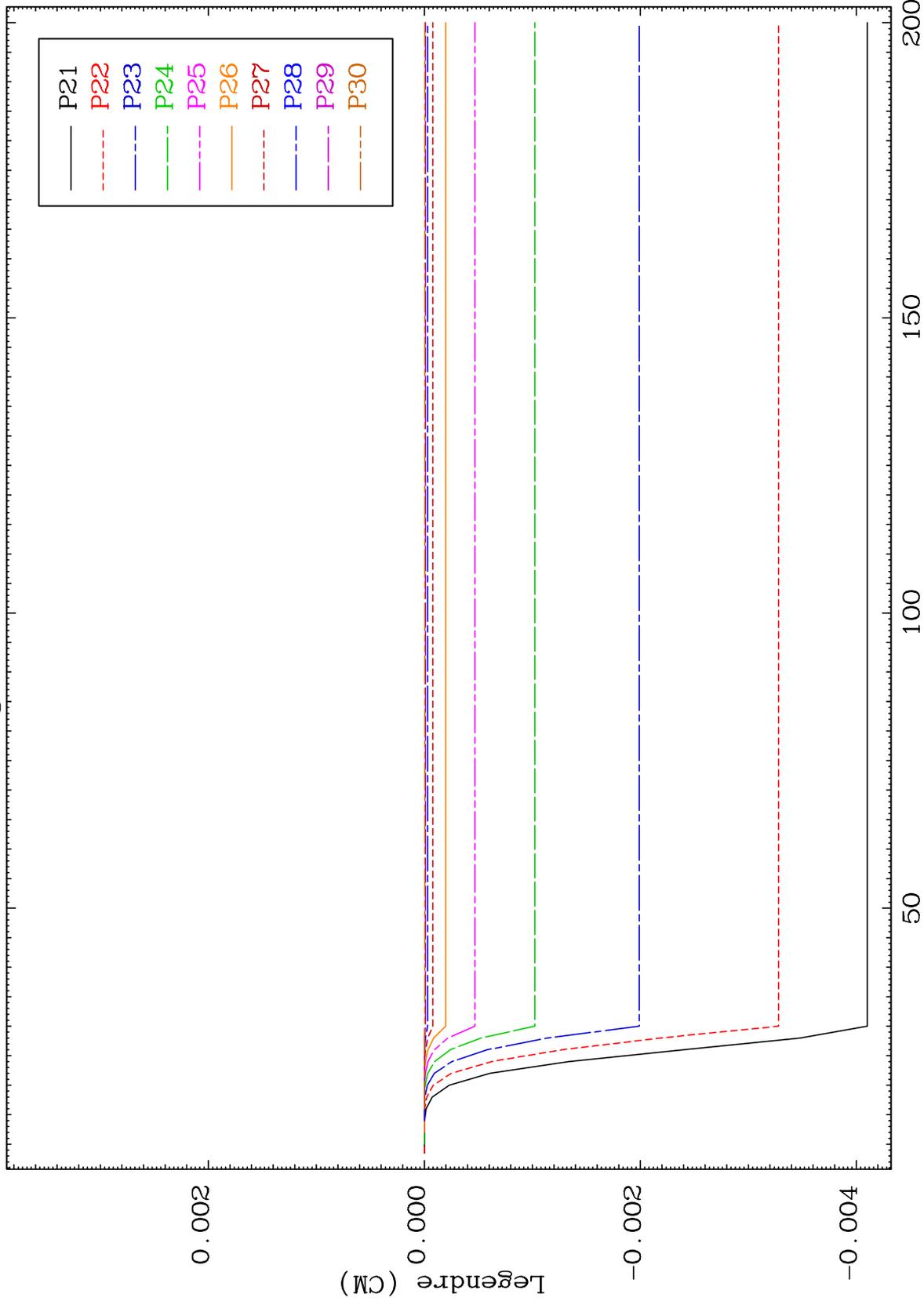
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

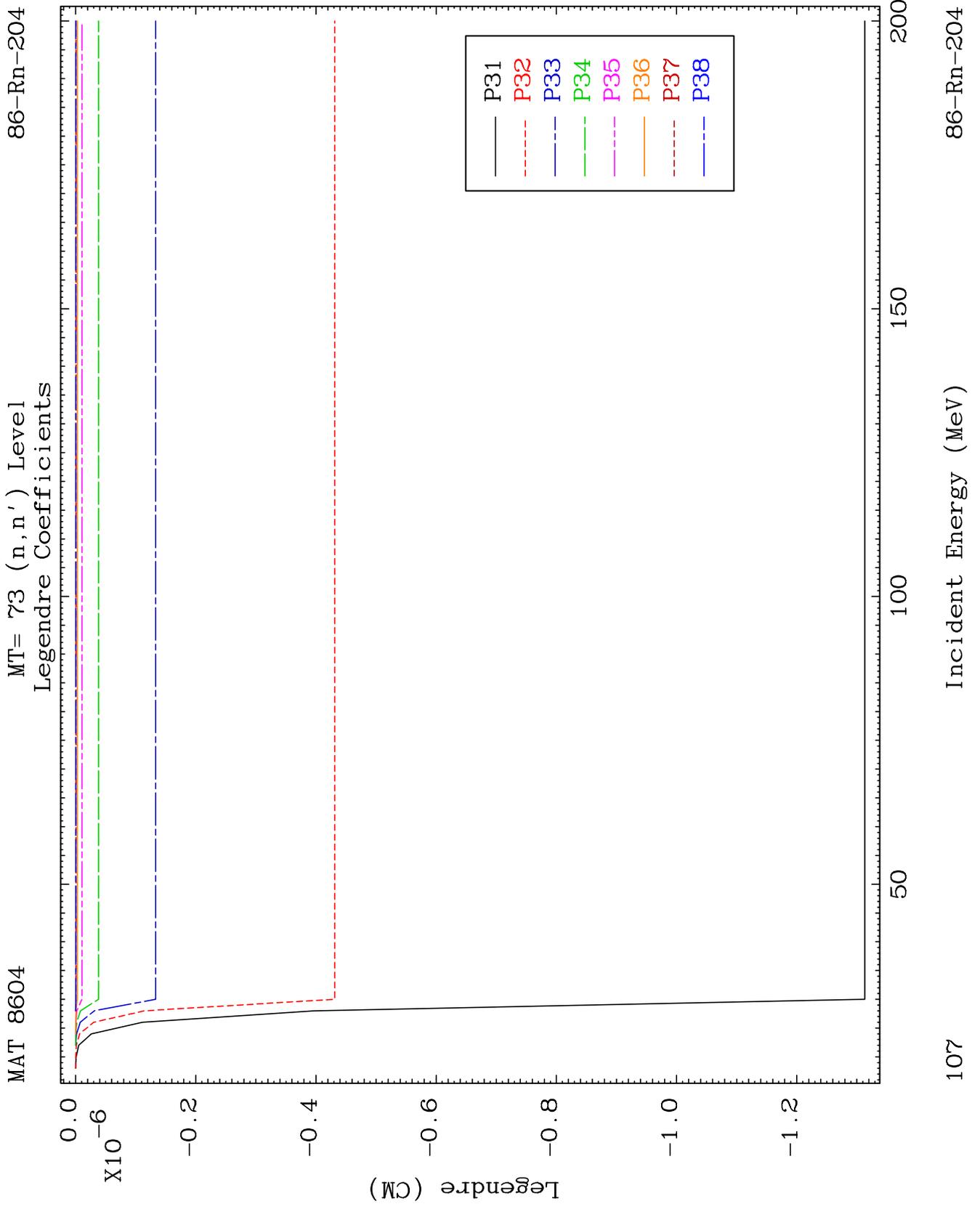
86-Rn-204



106

Incident Energy (MeV)

86-Rn-204

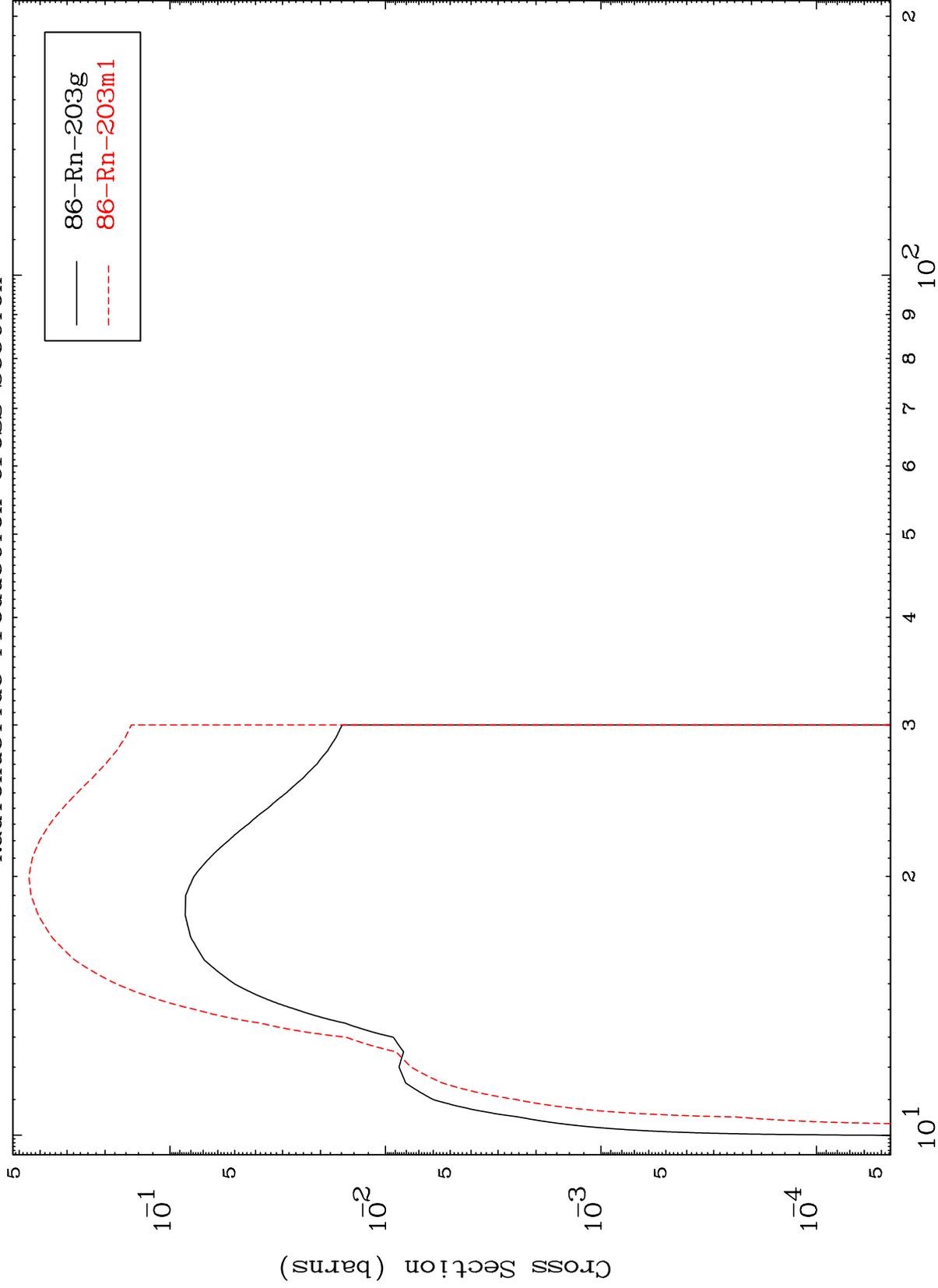


MAT 8604

(n,2n)

86-Rn-204

Radionuclide Production Cross Section



Incident Energy (MeV)

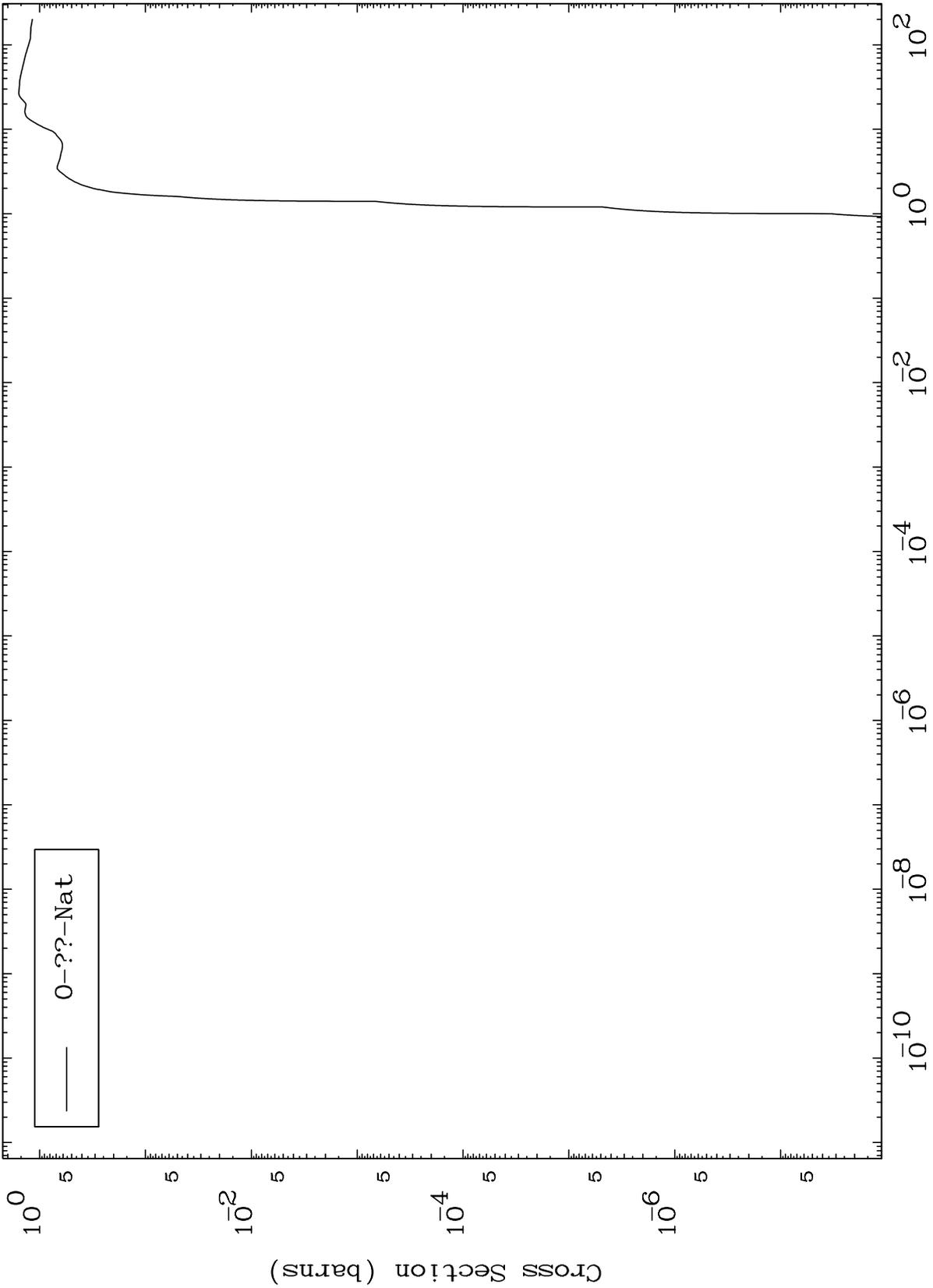
86-Rn-204

MAT 8604

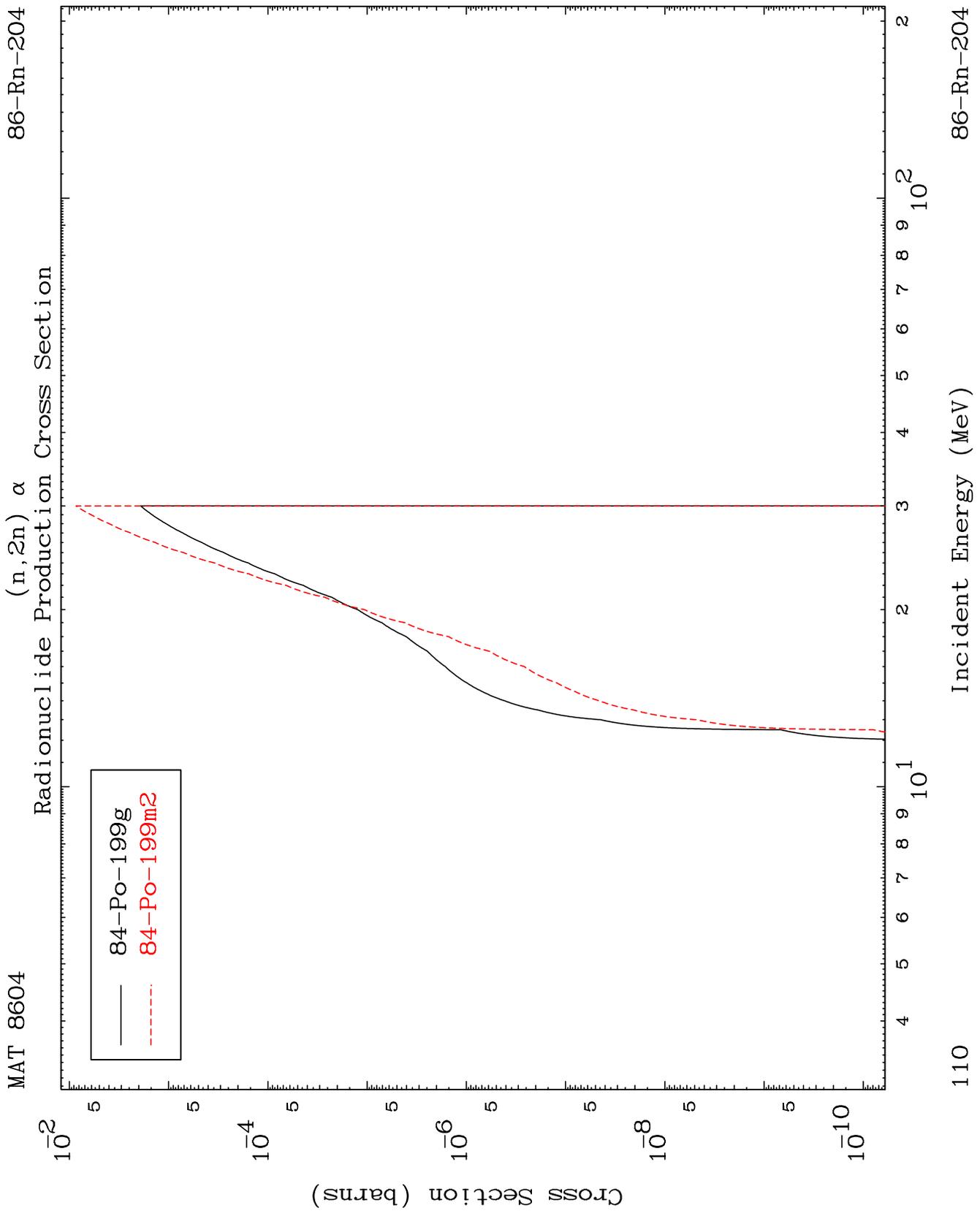
Fission

86-Rn-204

Radionuclide Production Cross Section



86-Rn-204

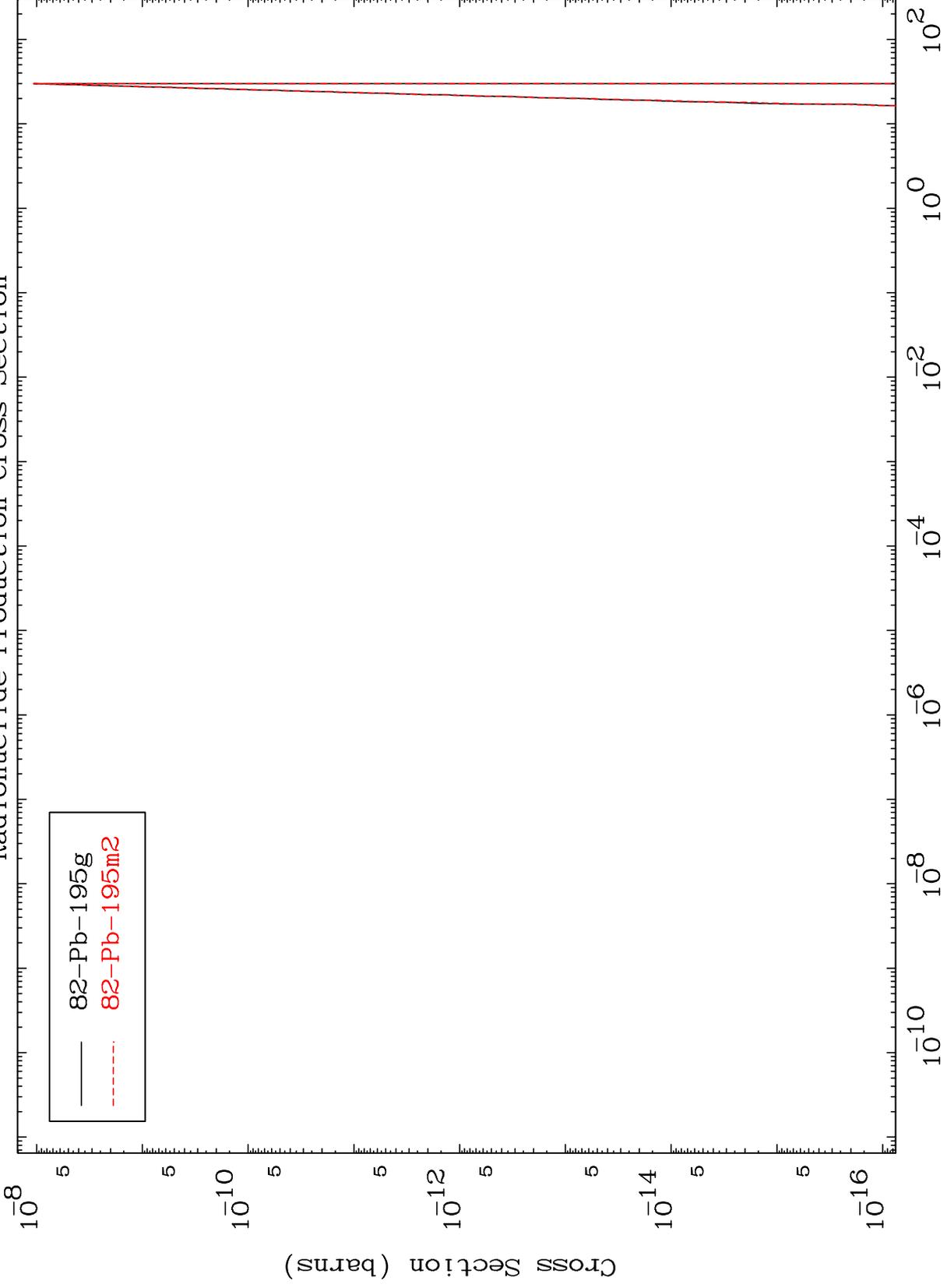


MAT 8604

(n,2n) 2 α

86-Rn-204

Radionuclide Production Cross Section

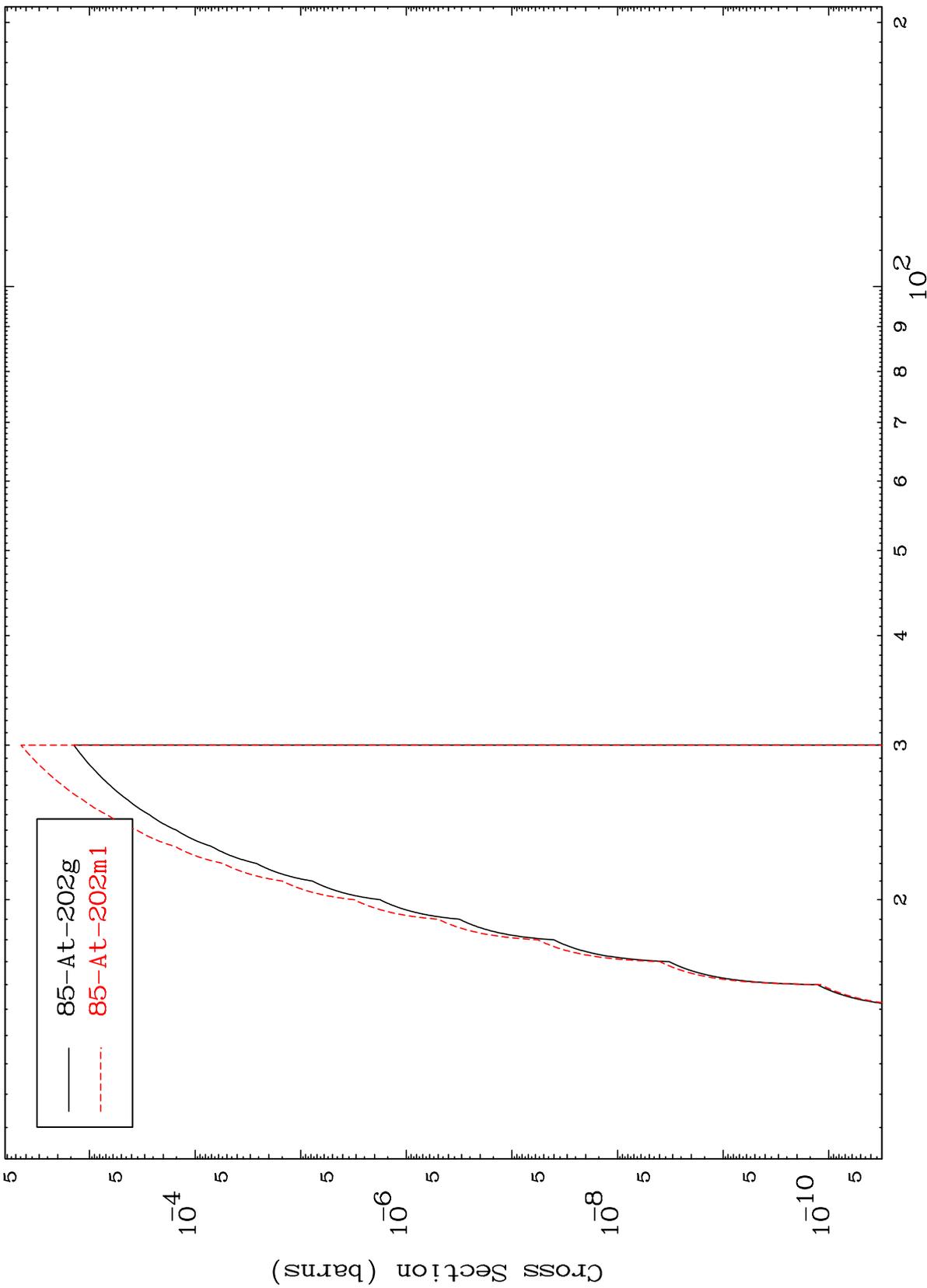


MAT 8604

(n,n') d

86-Rn-204

Radionuclide Production Cross Section



112

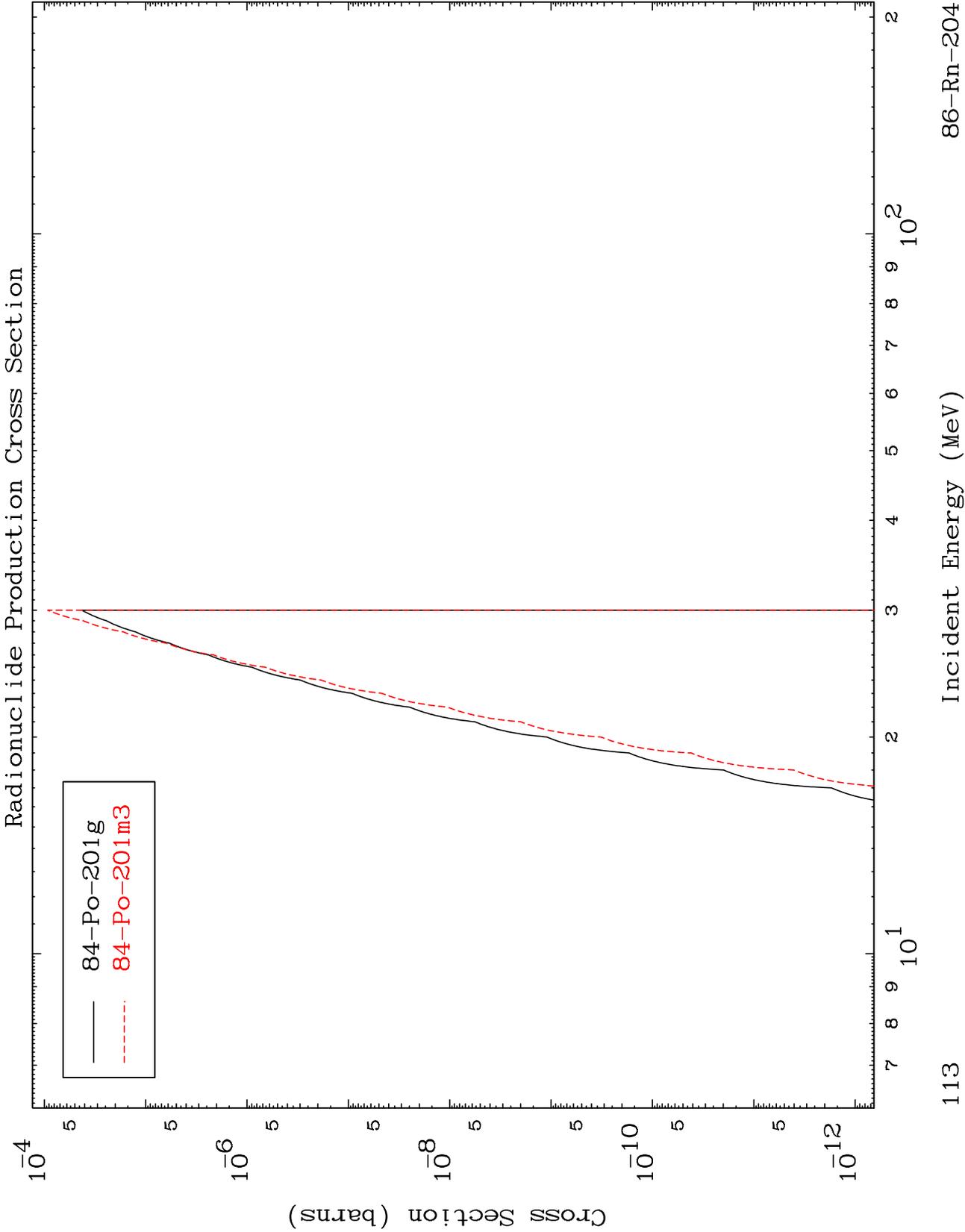
Incident Energy (MeV)

86-Rn-204

MAT 8604

(n,n') He-3

86-Rn-204

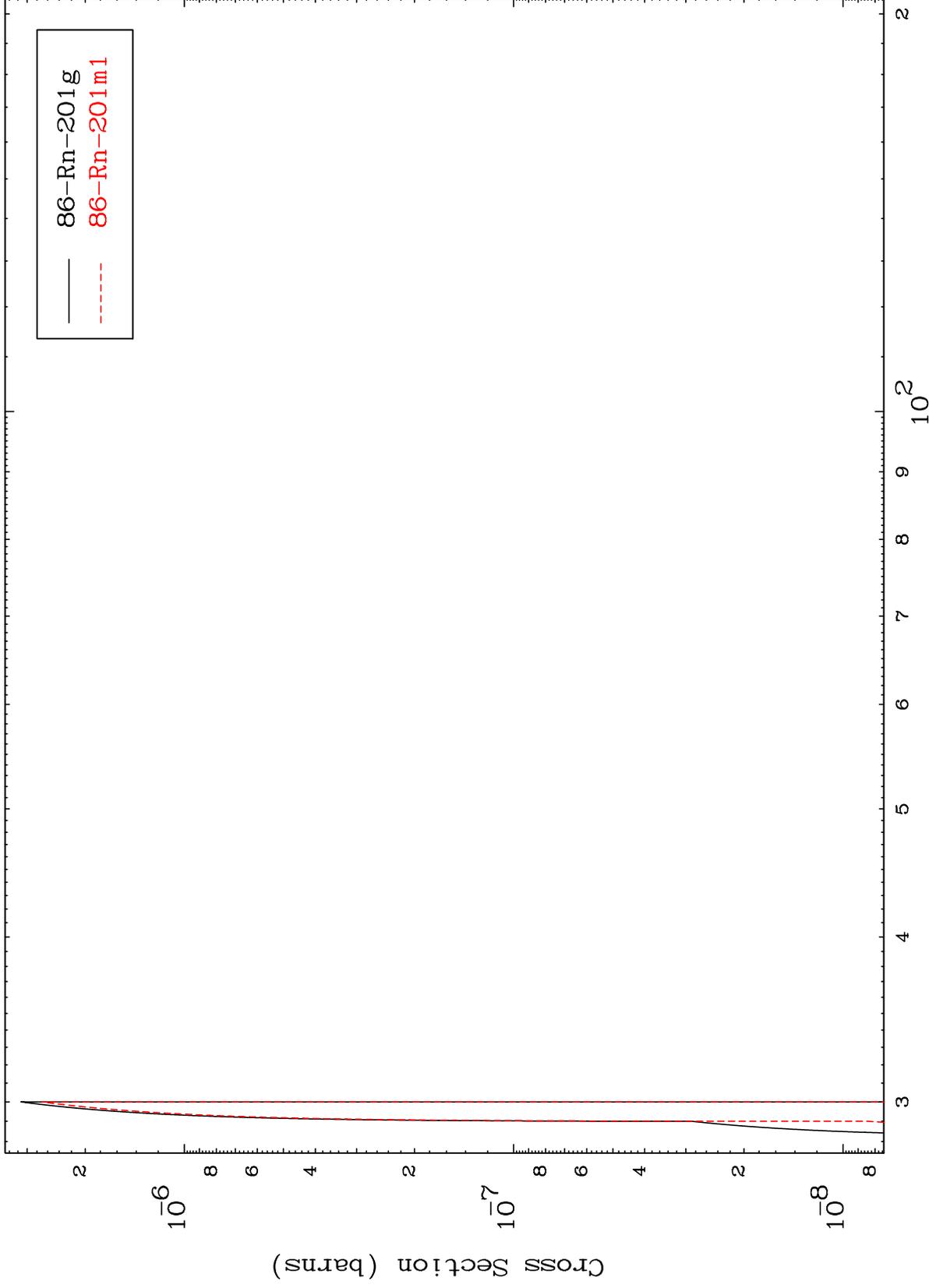


MAT 8604

(n,4n)

86-Rn-204

Radionuclide Production Cross Section

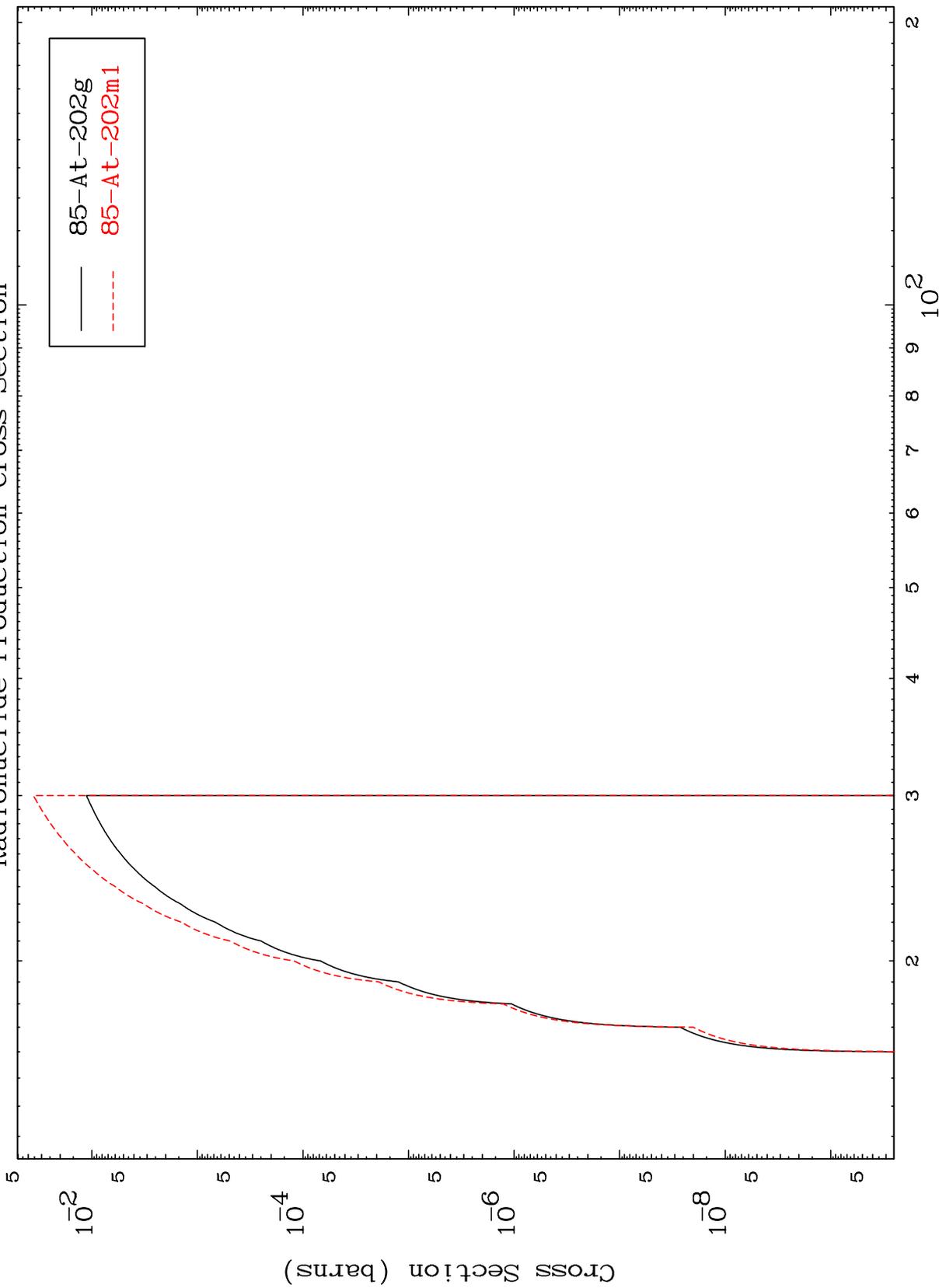


114

Incident Energy (MeV)

86-Rn-204

Radionuclide Production Cross Section

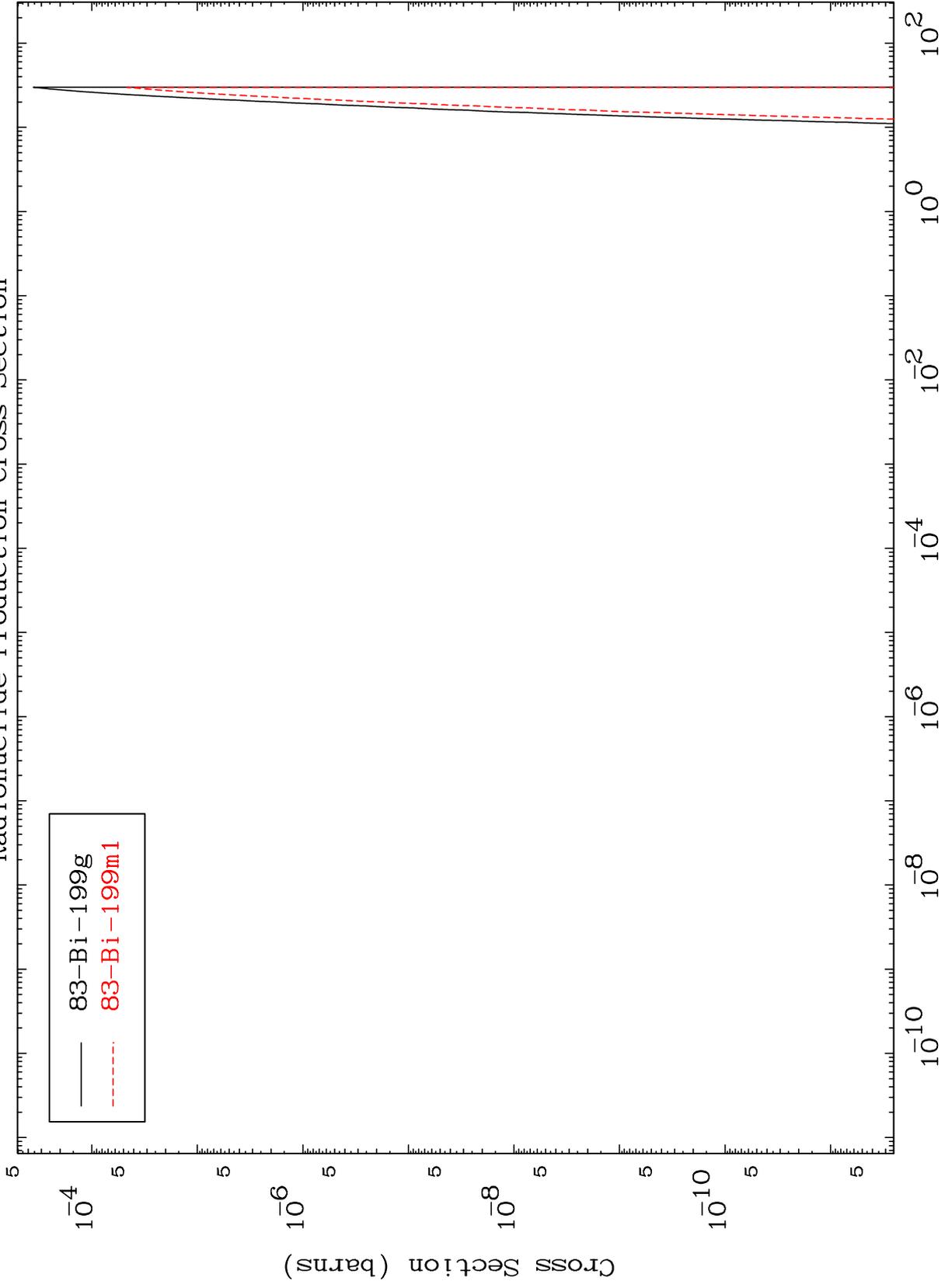


MAT 8604

(n,n') p α

86-Rn-204

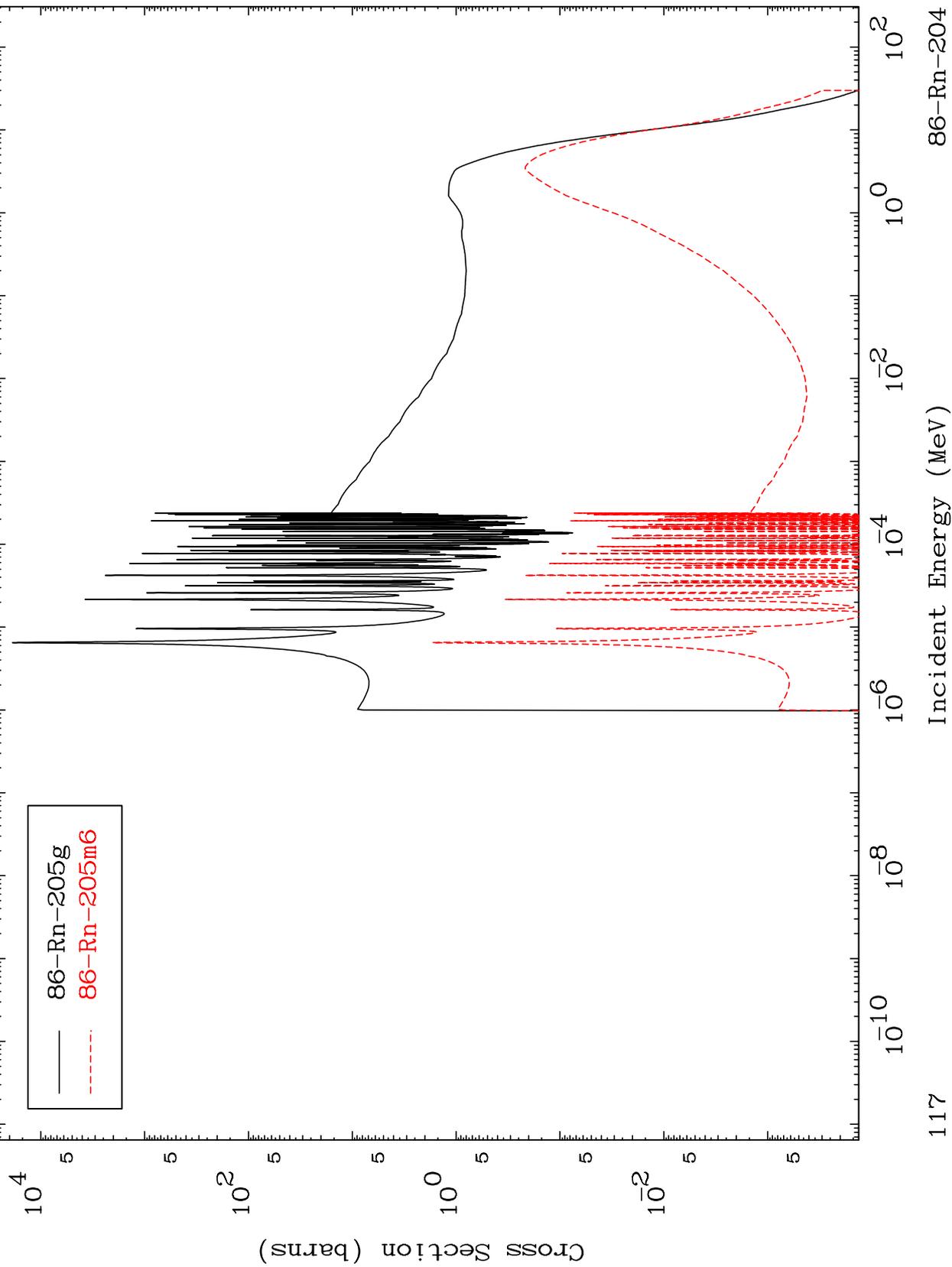
Radionuclide Production Cross Section



MAT 8604

86-Rn-204

(n, γ)
Radionuclide Production Cross Section

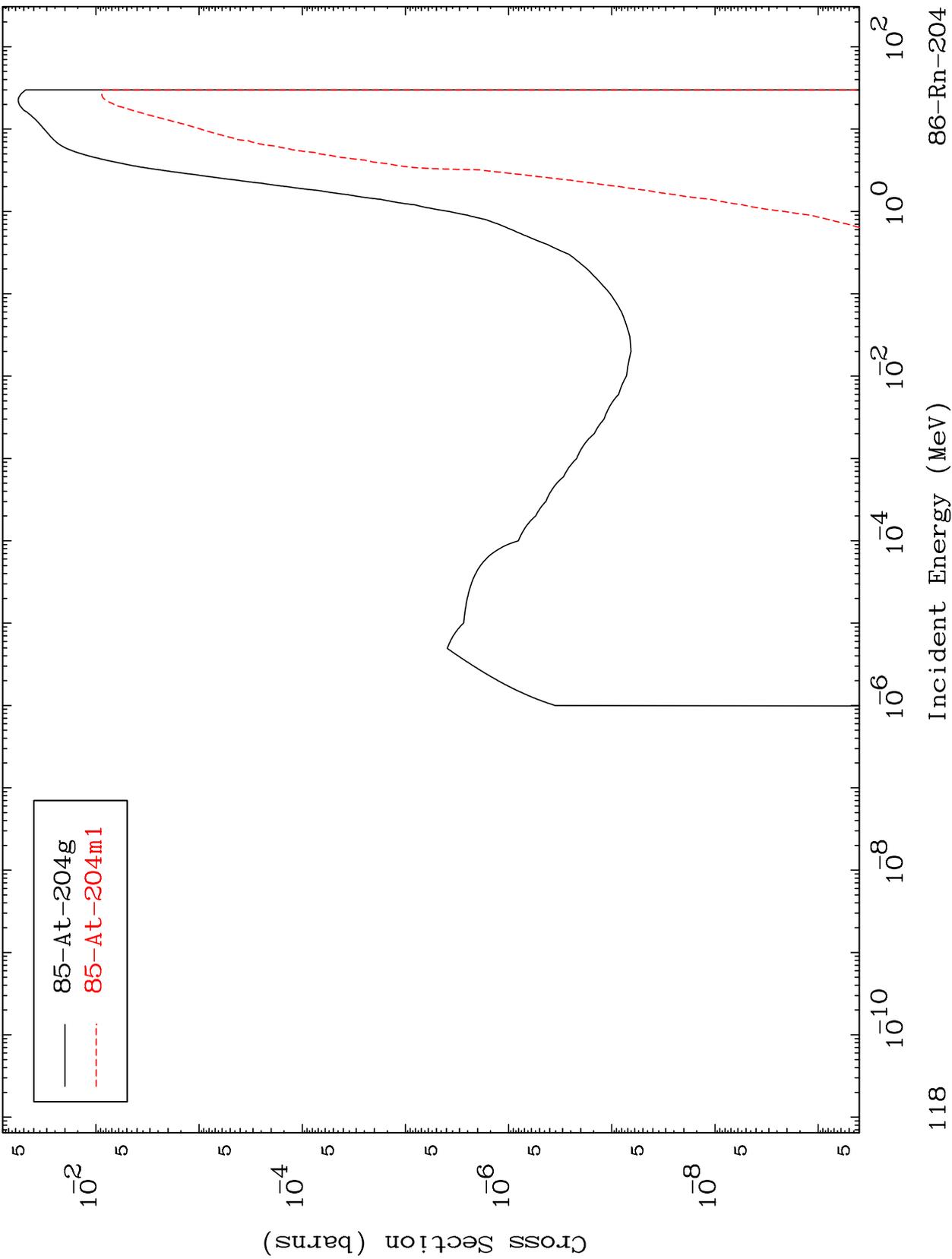


MAT 8604

(n,p)

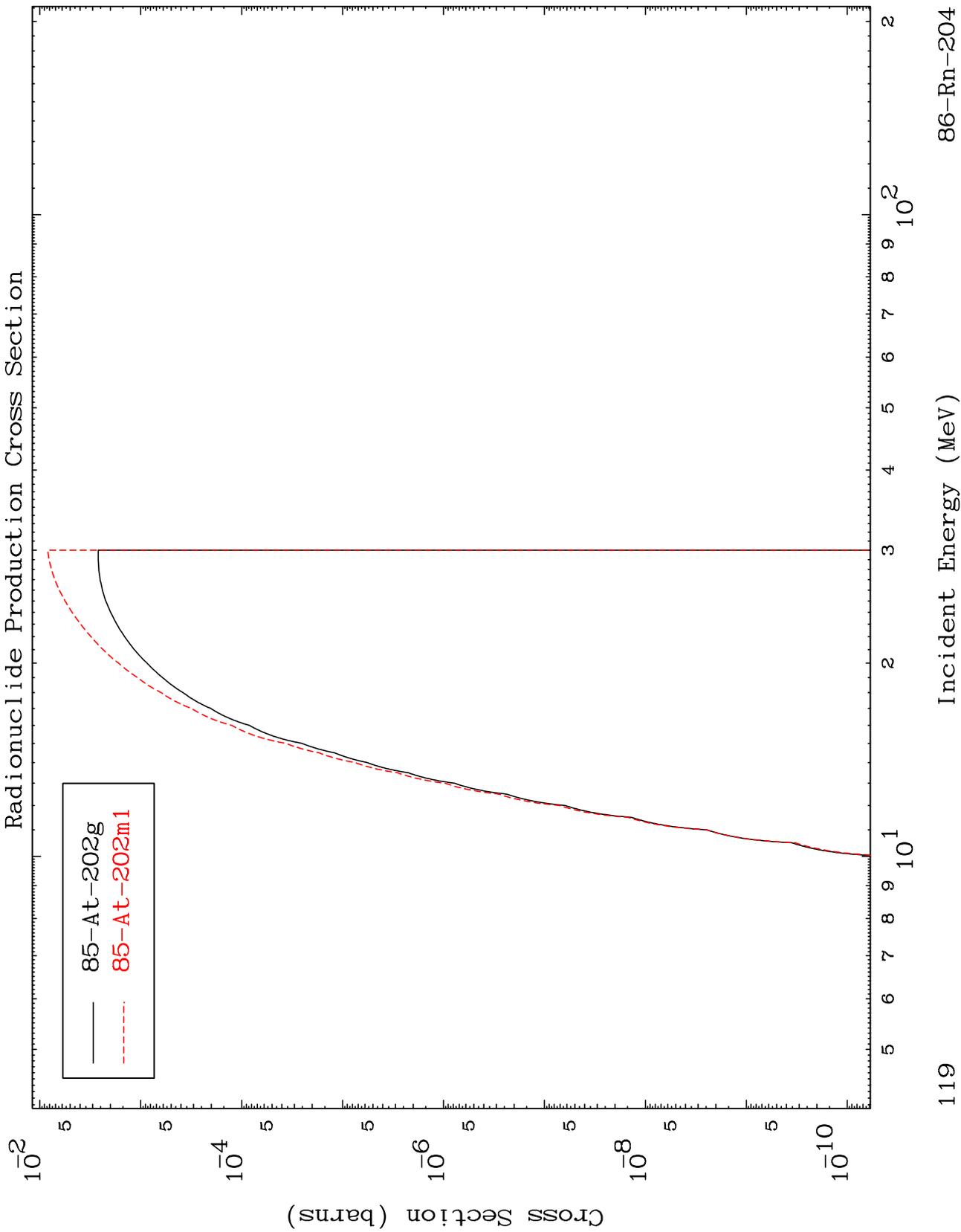
86-Rn-204

Radionuclide Production Cross Section



MAT 8604

86-Rn-204



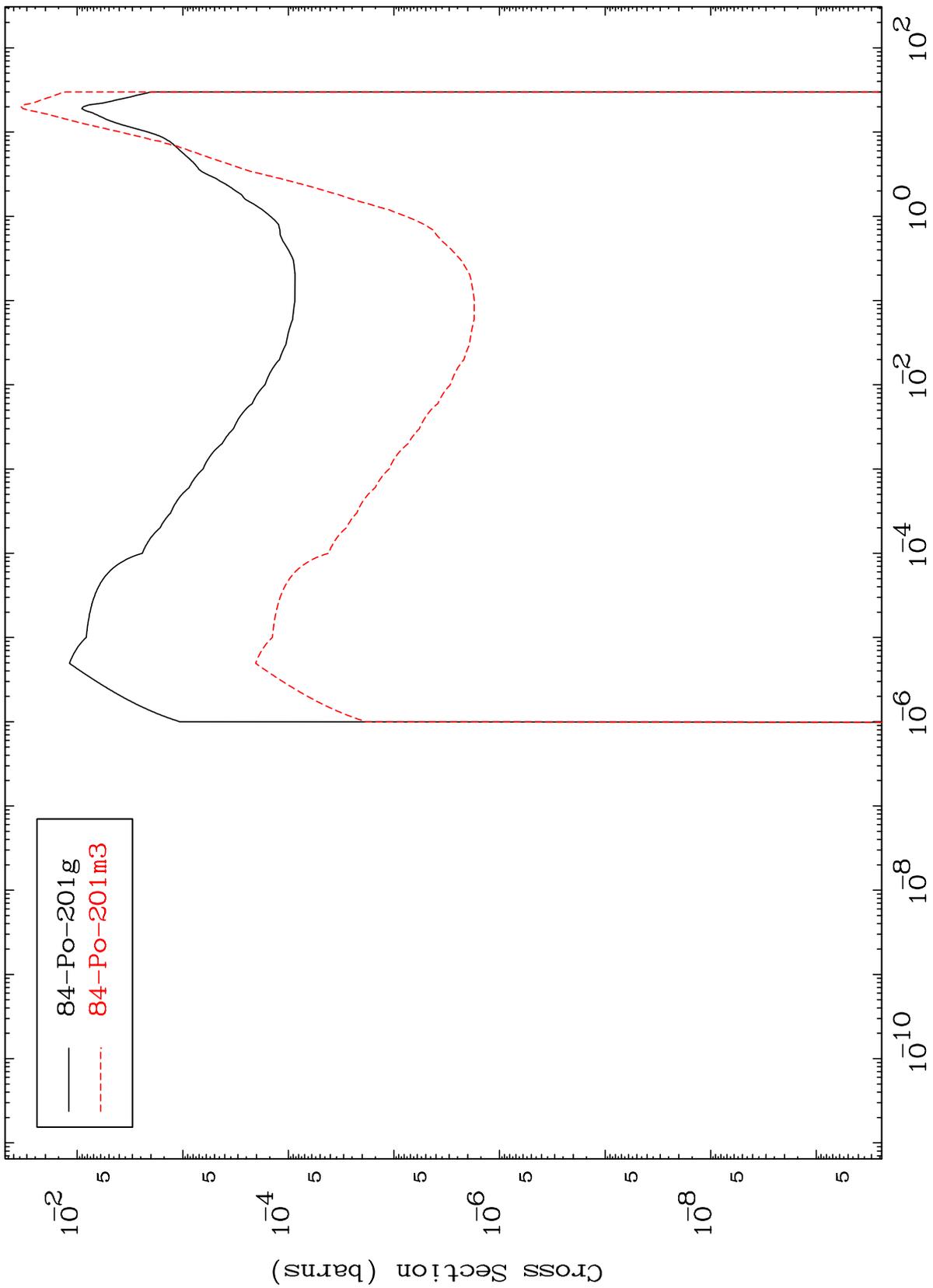
119

86-Rn-204

MAT 8604

86-Rn-204

(n, α)
Radionuclide Production Cross Section

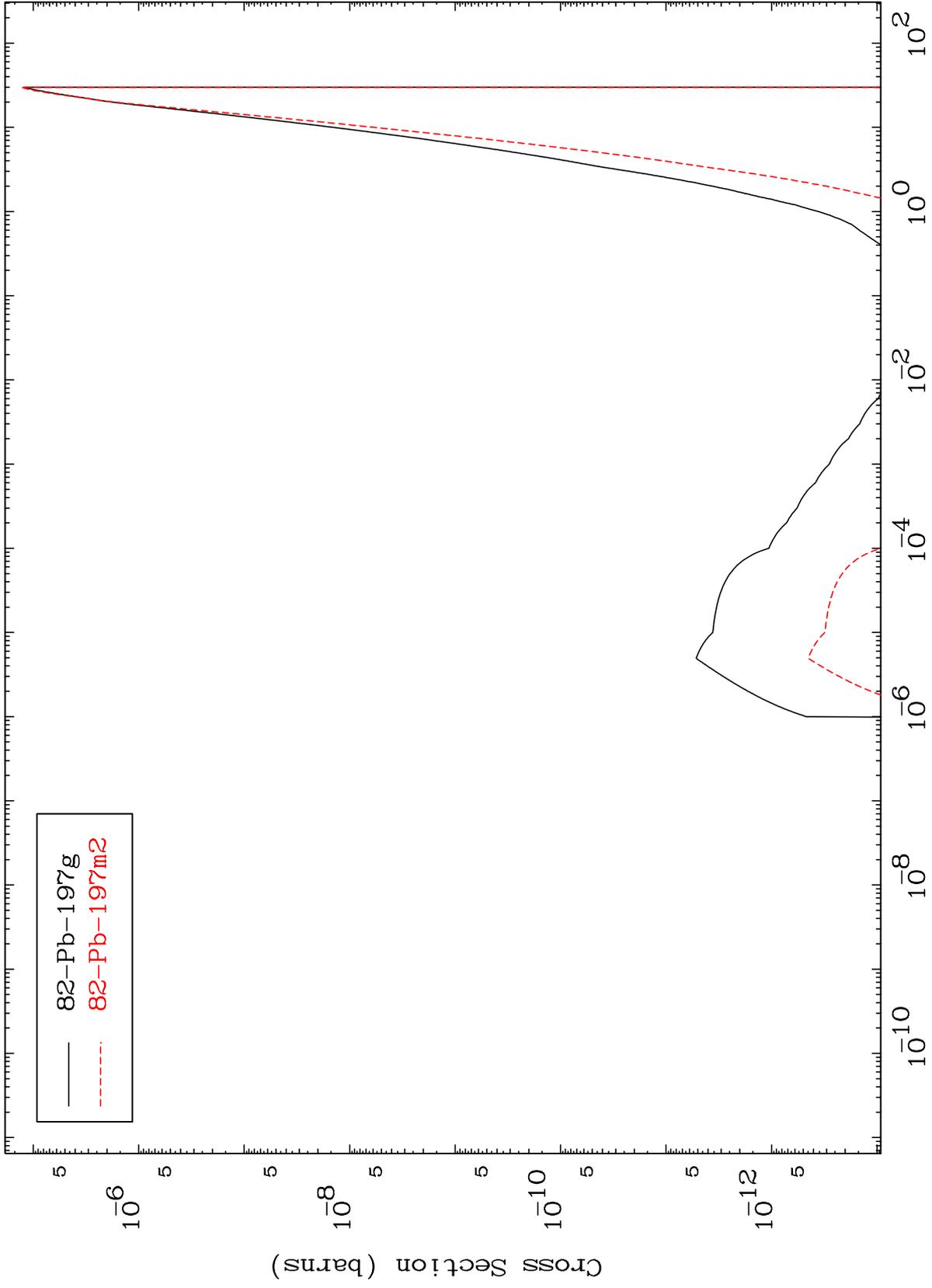


MAT 8604

(n,2α)

86-Rn-204

Radionuclide Production Cross Section

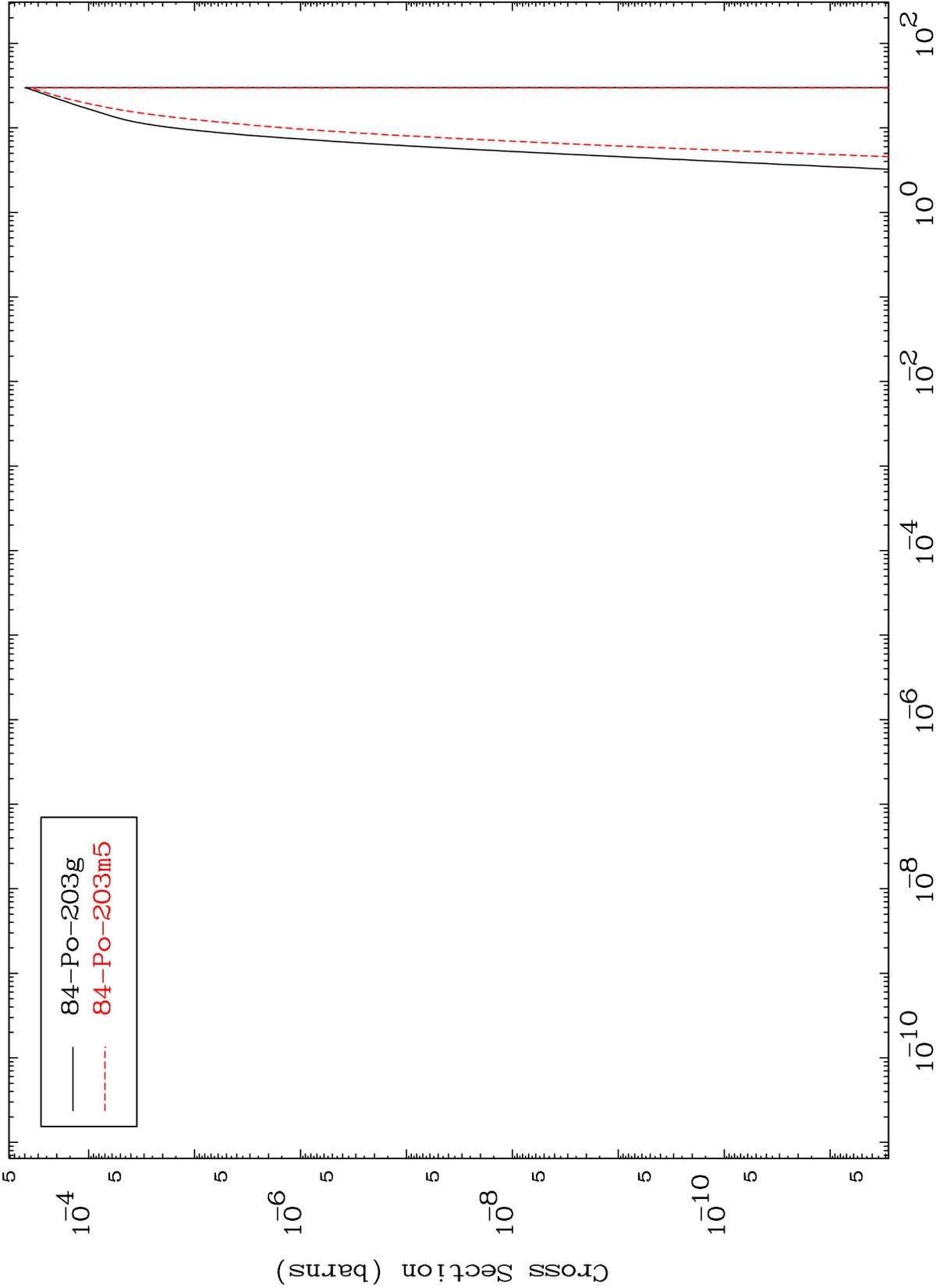


MAT 8604

(n,2p)

86-Rn-204

Radionuclide Production Cross Section

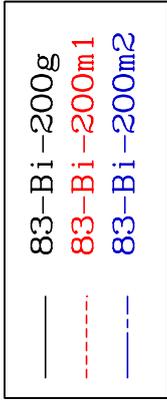
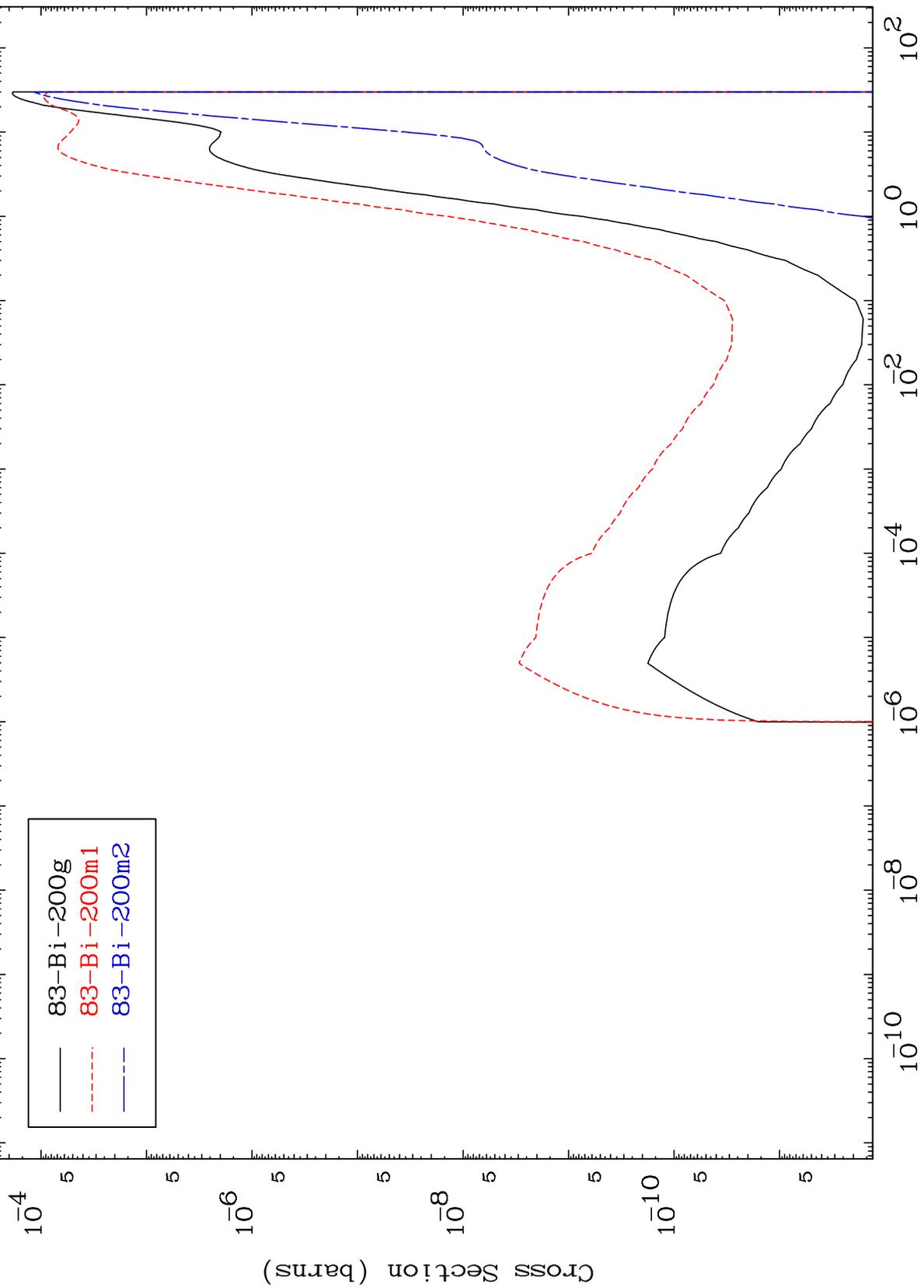


MAT 8604

(n,p) α

86-Rn-204

Radionuclide Production Cross Section



123

Incident Energy (MeV)

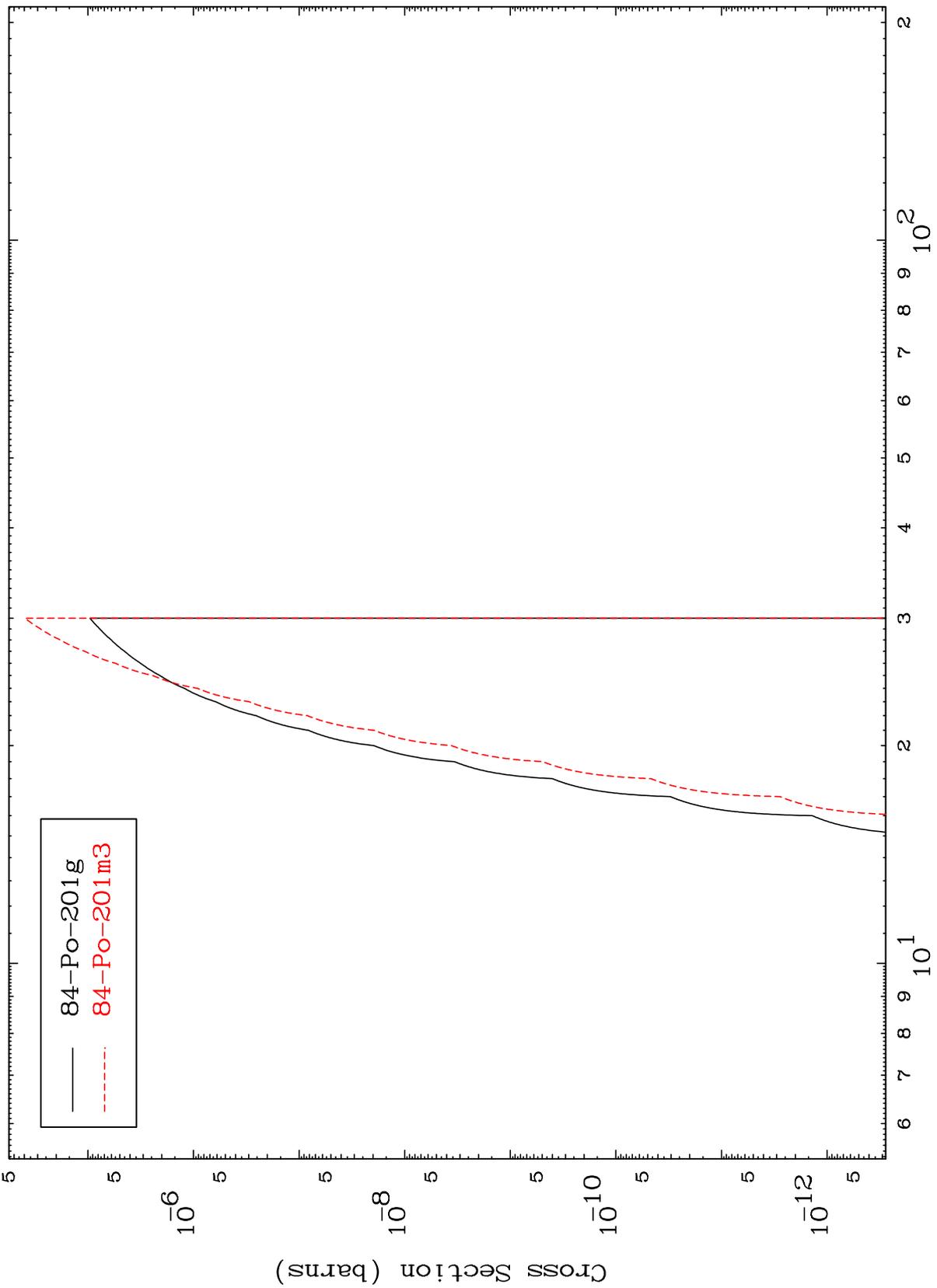
86-Rn-204

MAT 8604

(n,p) t

86-Rn-204

Radionuclide Production Cross Section



124

Incident Energy (MeV)

86-Rn-204

MAT 8604

(n,d) α

86-Rn-204

Radionuclide Production Cross Section

