

Program EVALPLOT
(Version 2021-1)

by

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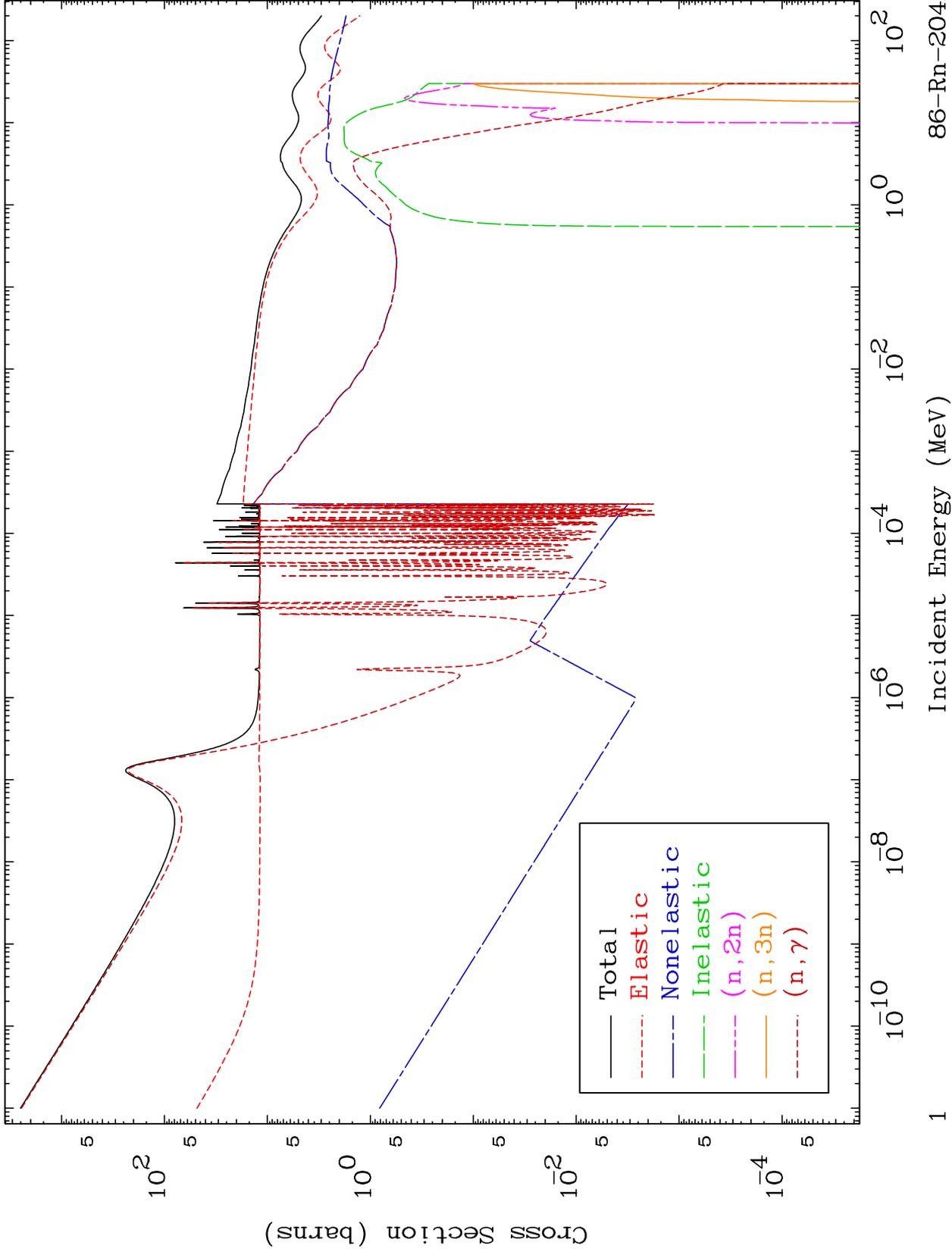
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Press Mouse Button to Start

MAT 8604

Neutron Major
293 Kelvin Cross Sections

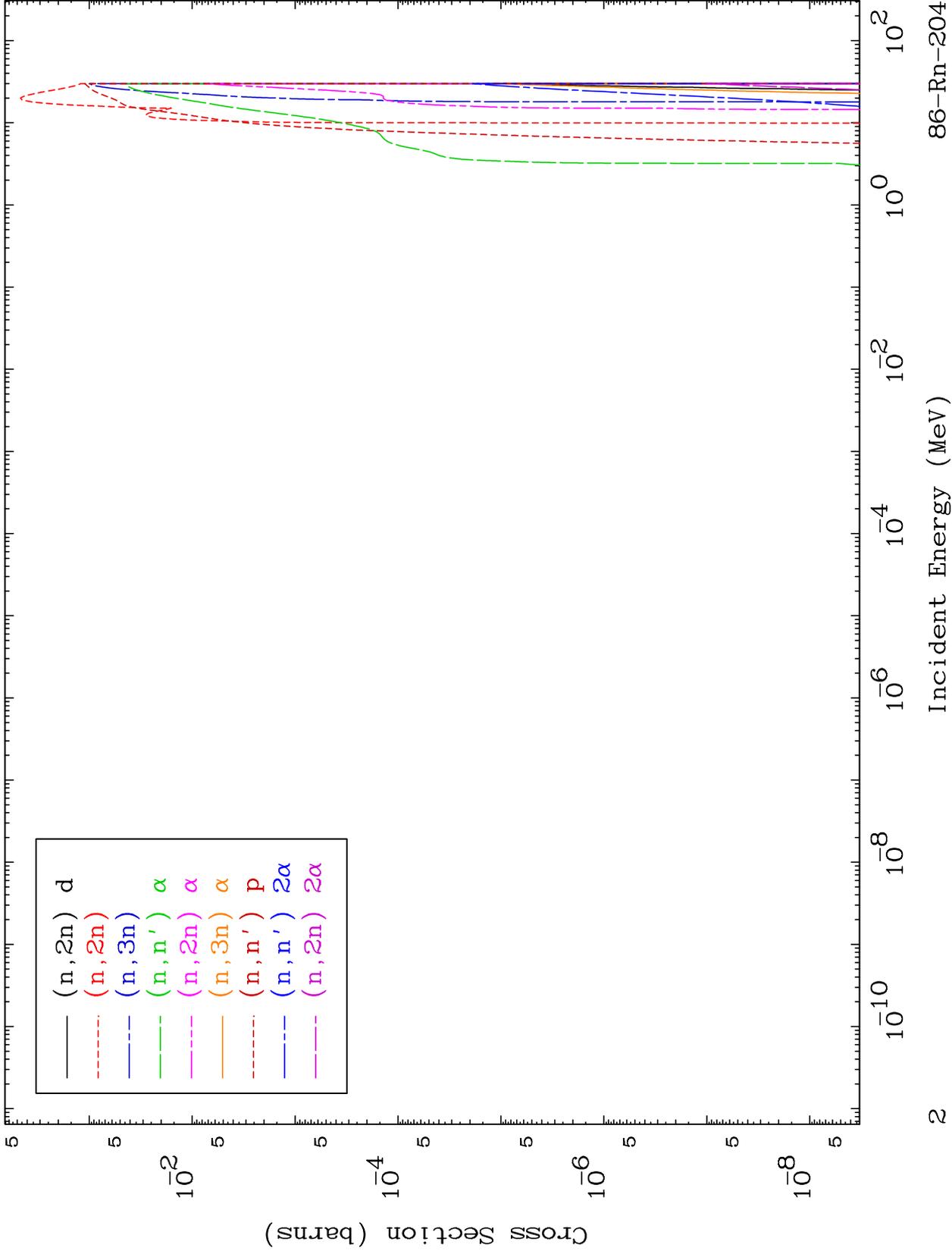
86-Rn-204



MAT 8604

Neutron Absorption
293 Kelvin Cross Sections

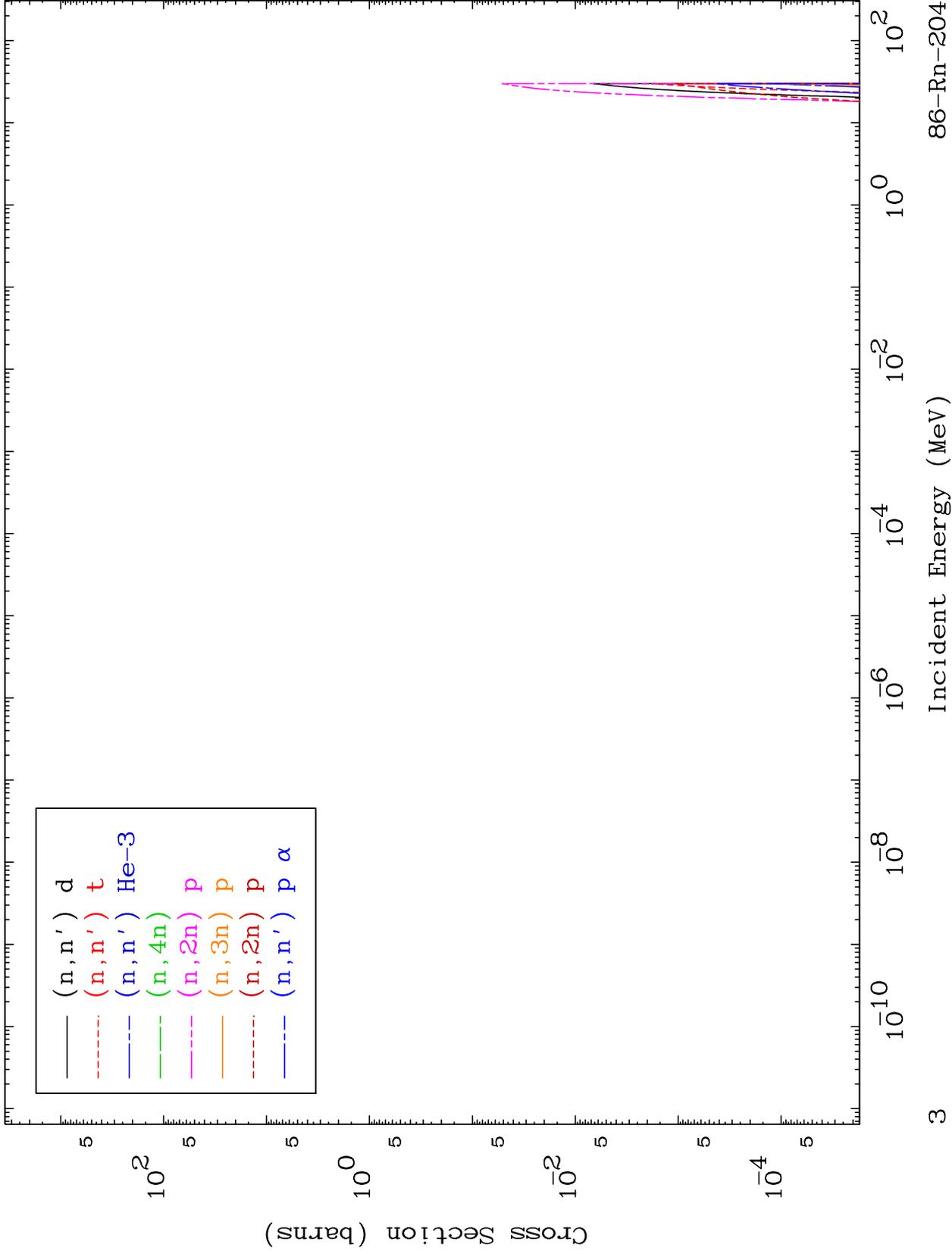
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MAT 8604

Neutron Absorption
293 Kelvin Cross Sections

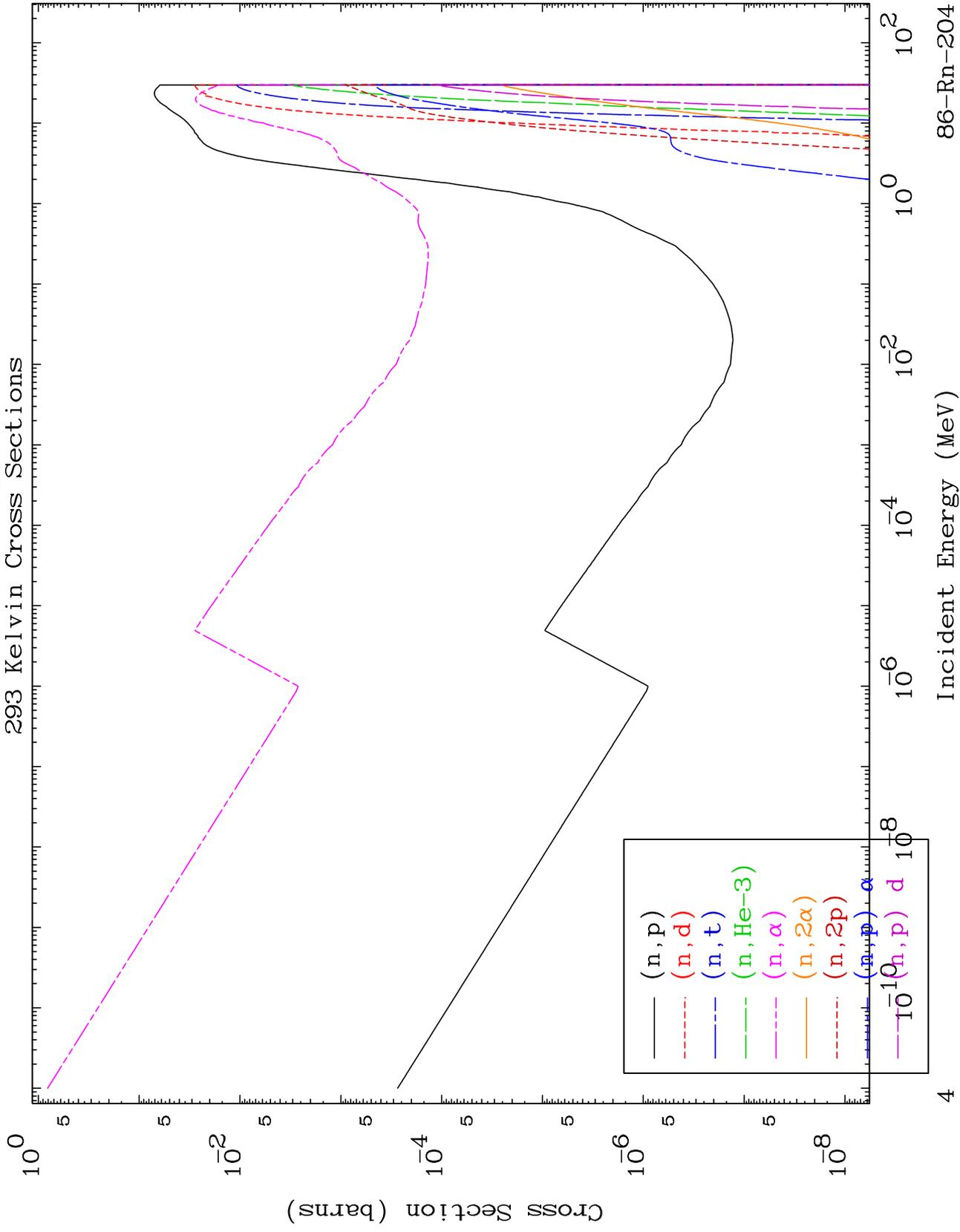
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MAT 8604

Neutron Absorption
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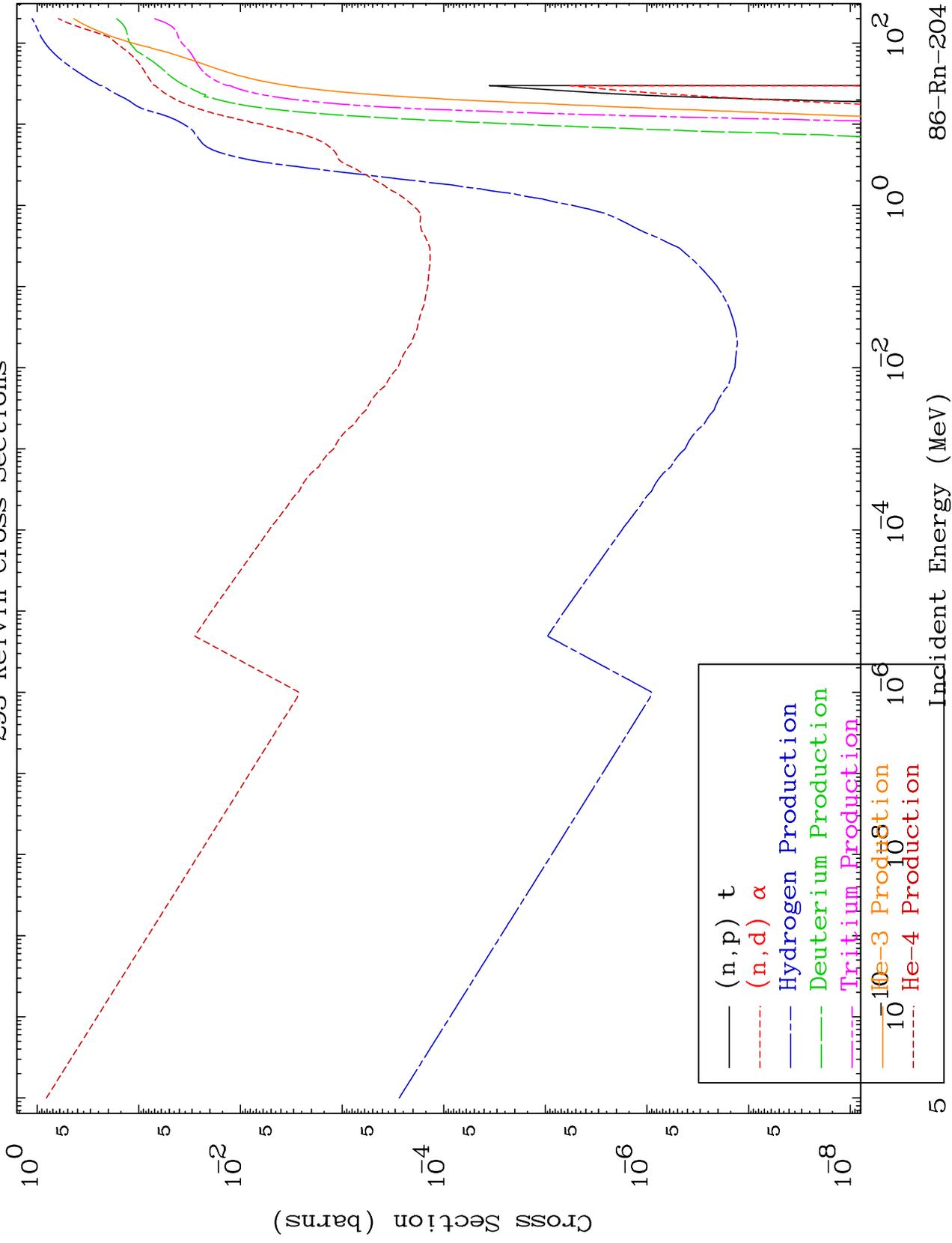
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MAT 8604

Neutron Absorption
293 Kelvin Cross Sections

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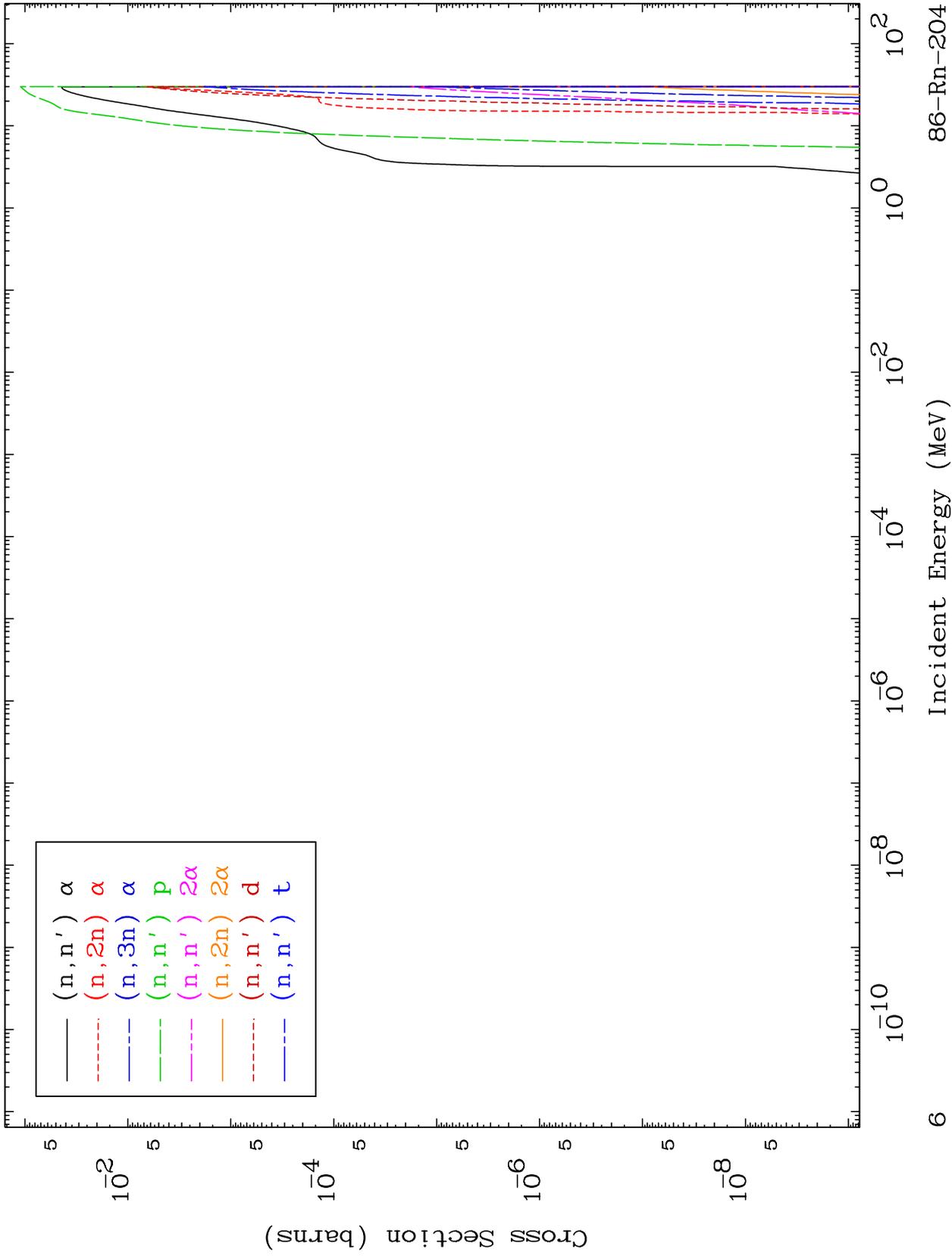


86-Rn-204

MAT 8604

Charged Particle
293 Kelvin Cross Sections

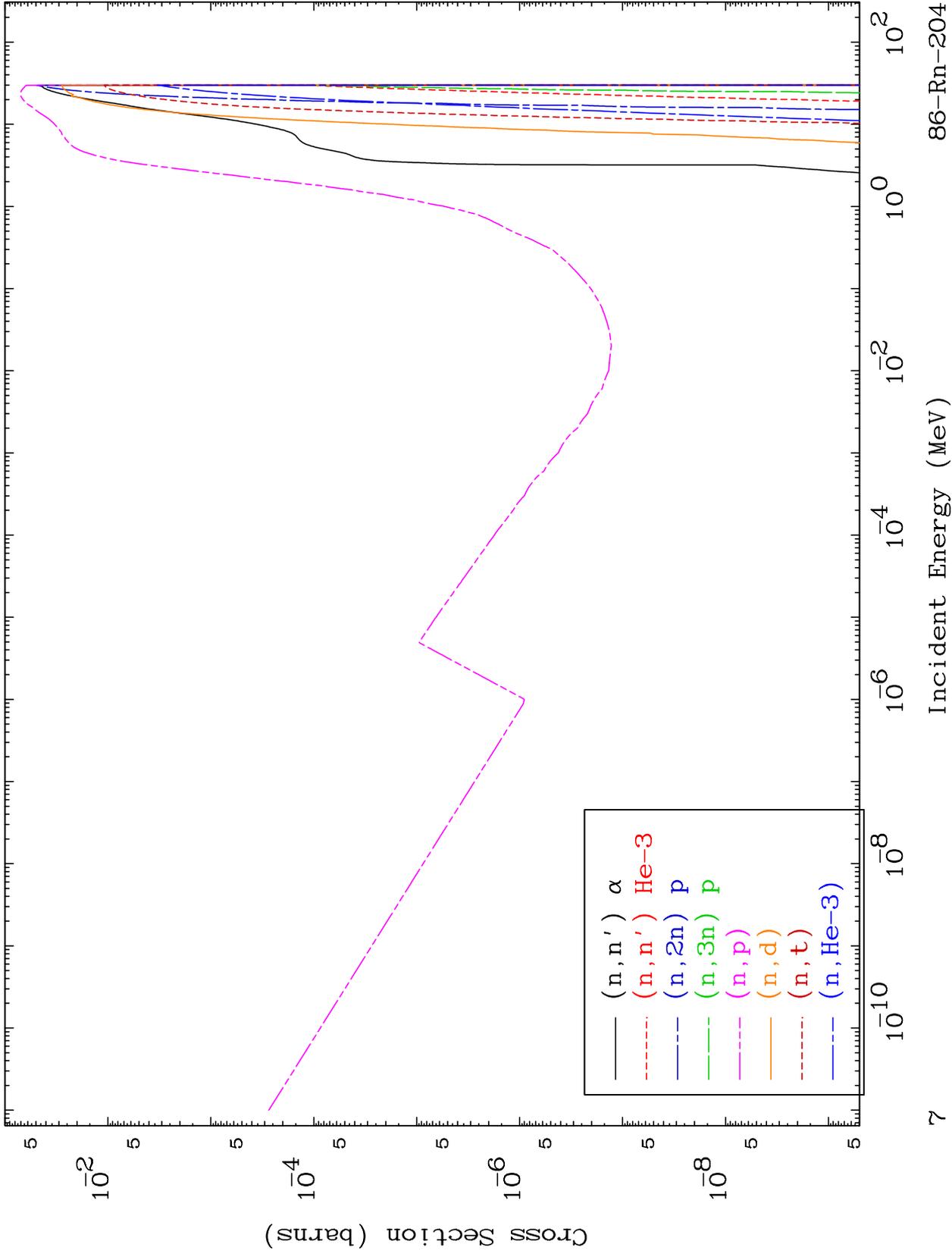
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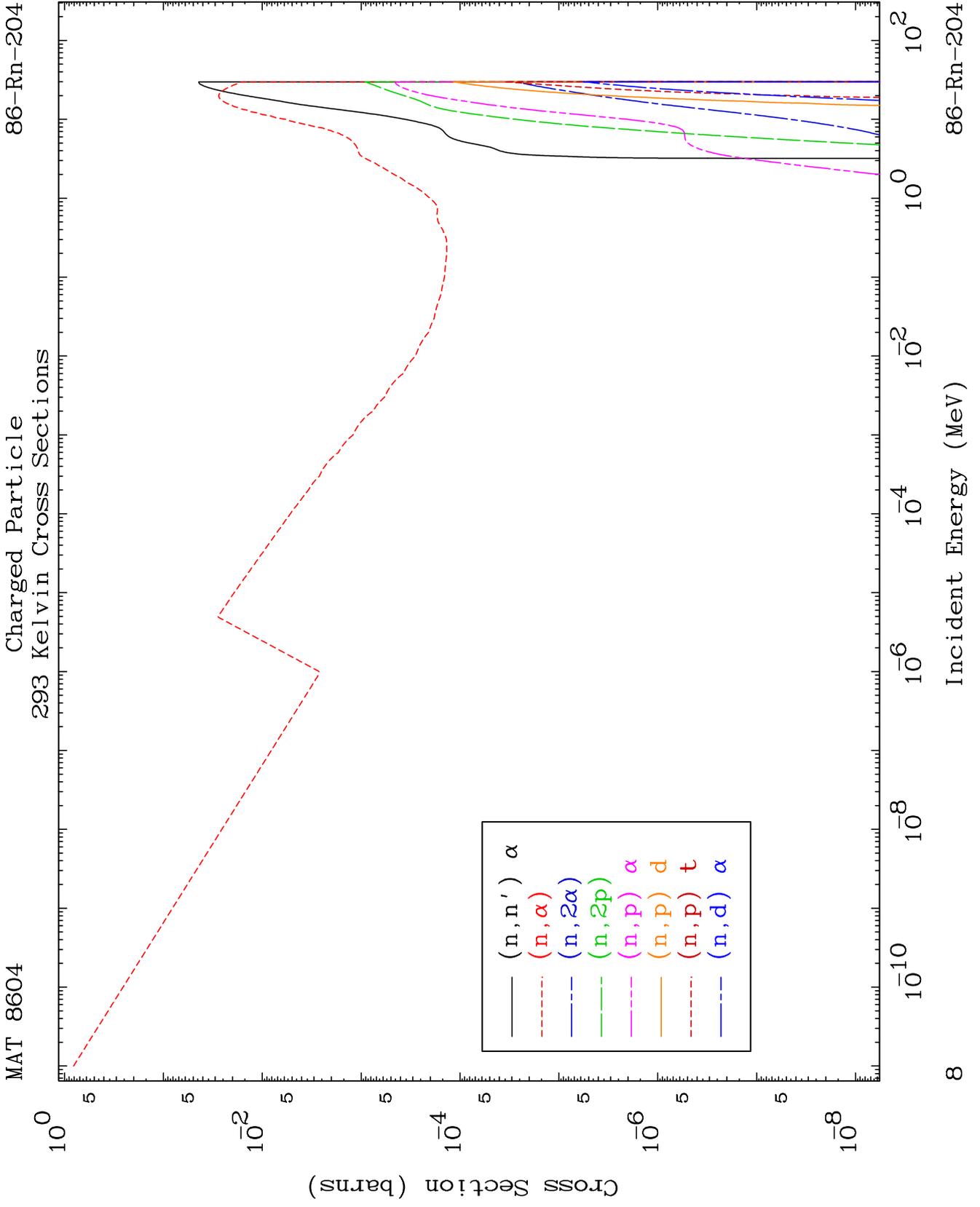


MAT 8604

Charged Particle
293 Kelvin Cross Sections

86-Rn-204

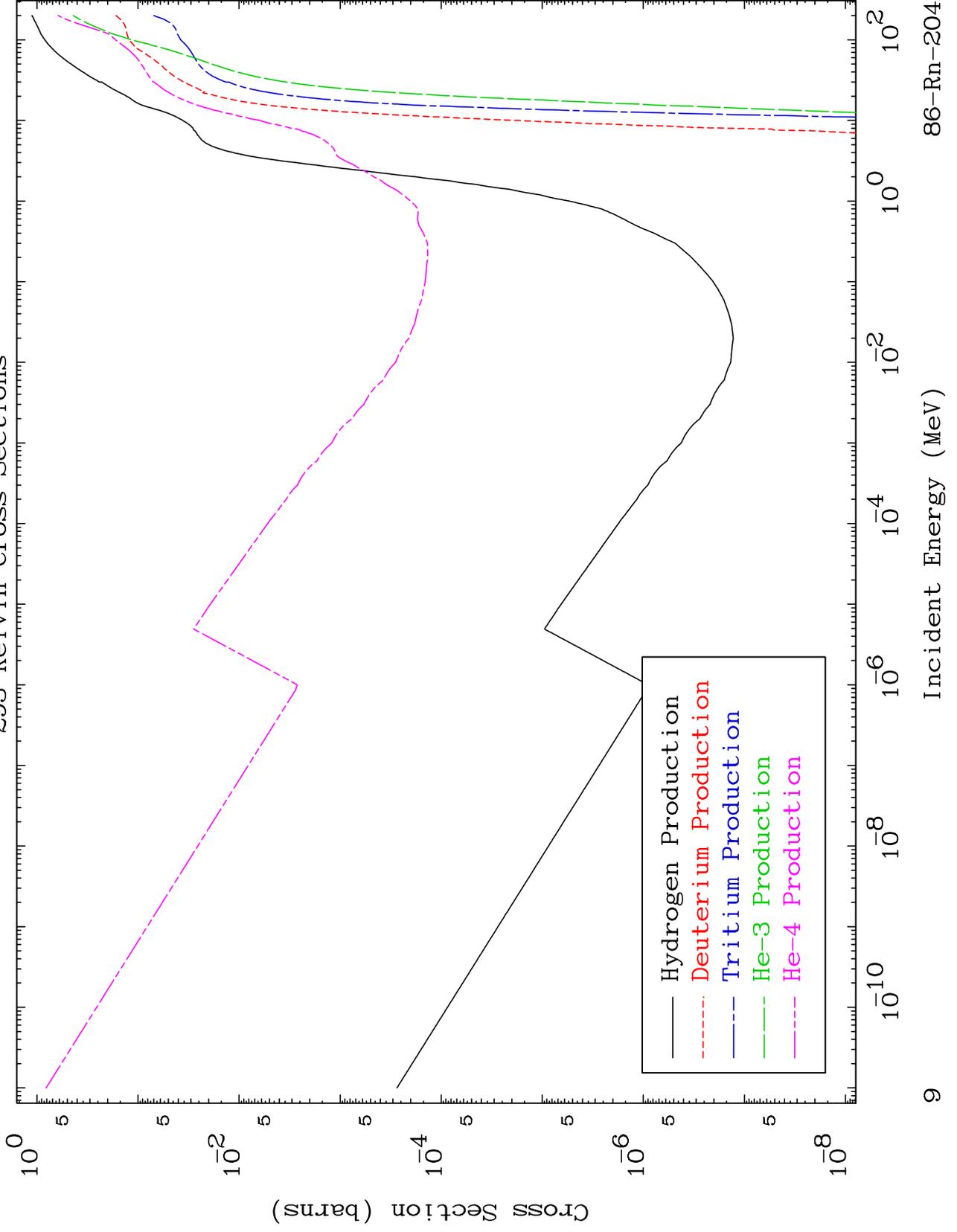




MAT 8604

Particle Production
293 Kelvin Cross Sections

86-Rn-204

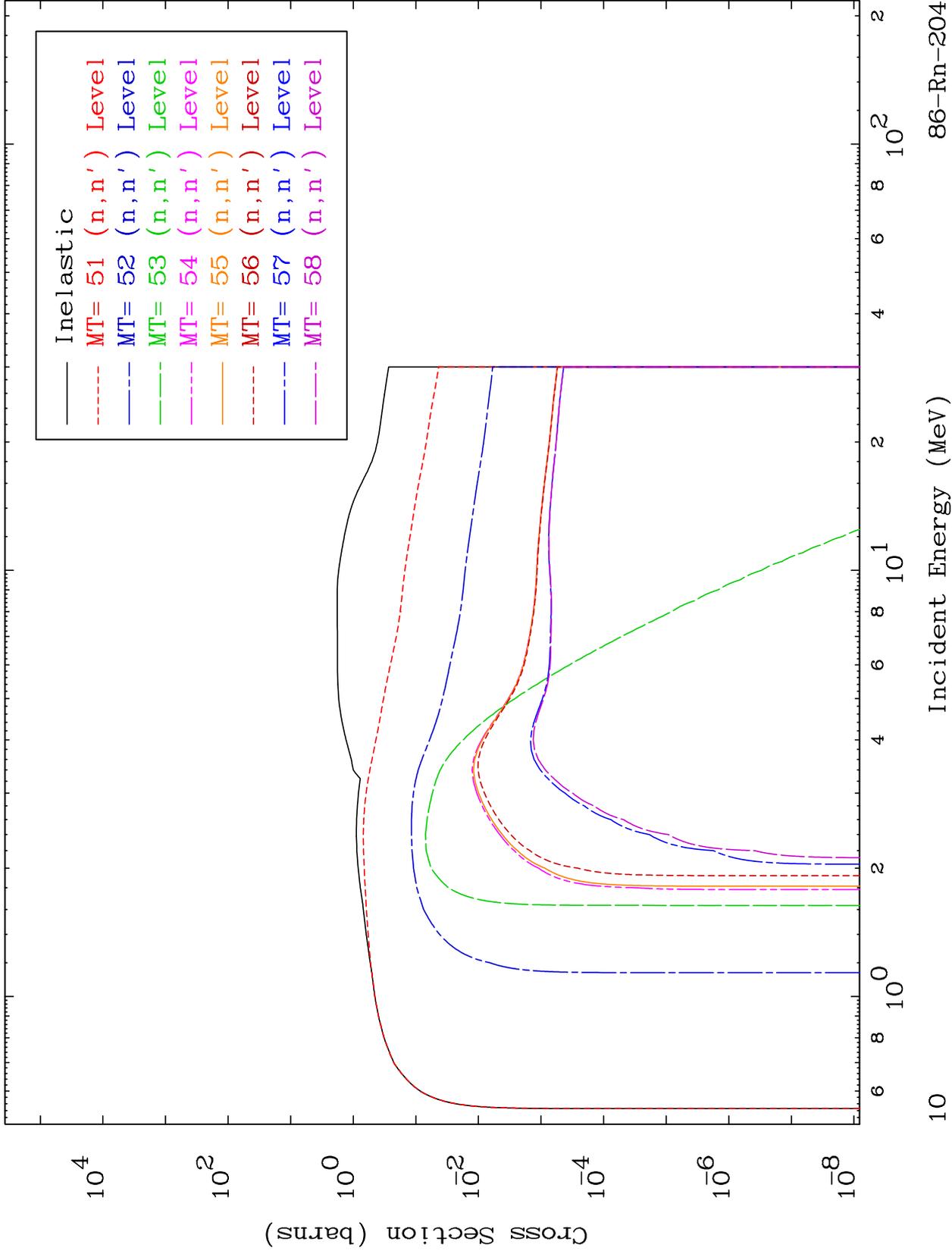


MAT 8604

(n,n') Levels

86-Rn-204

293 Kelvin Cross Sections

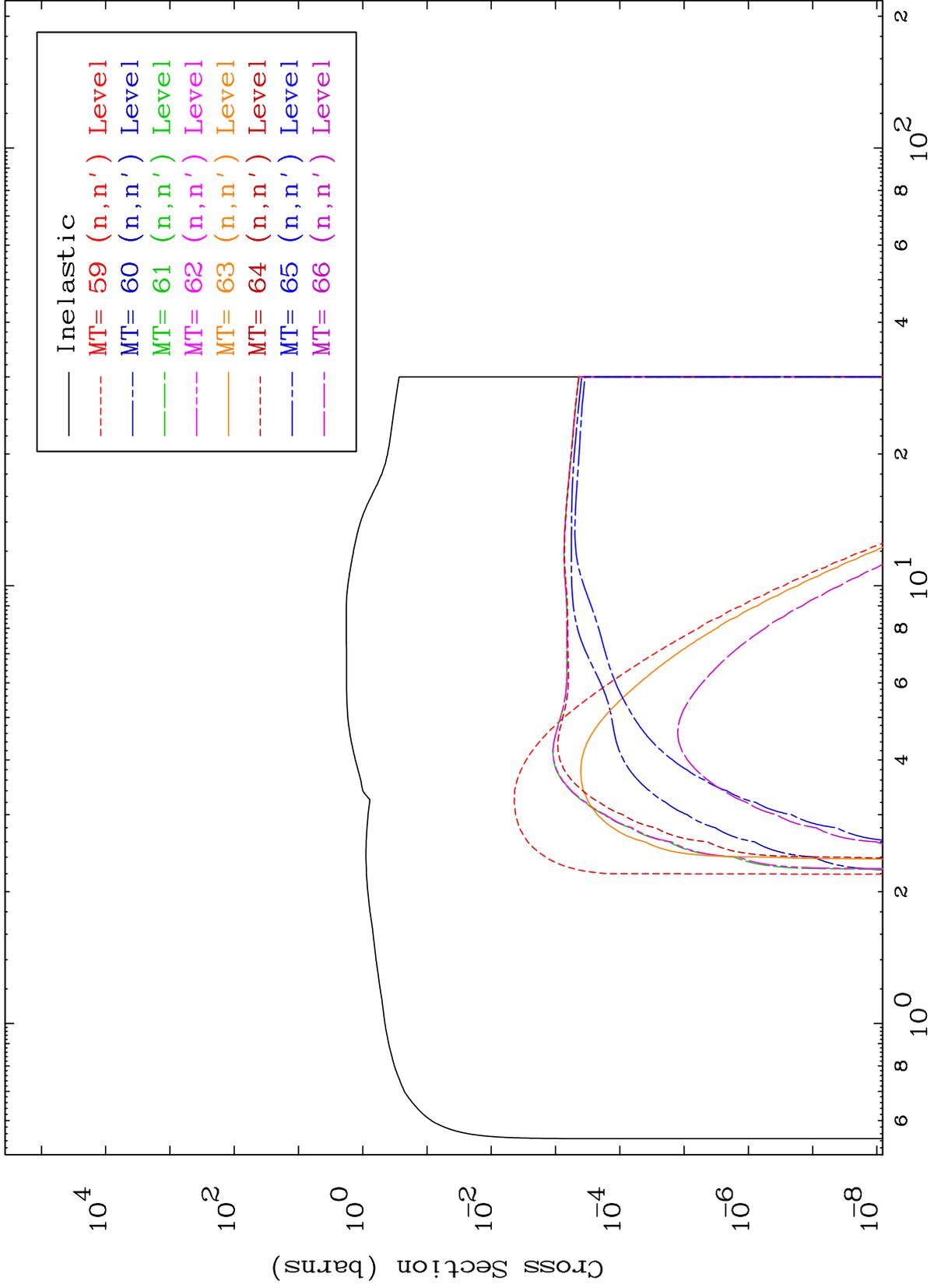


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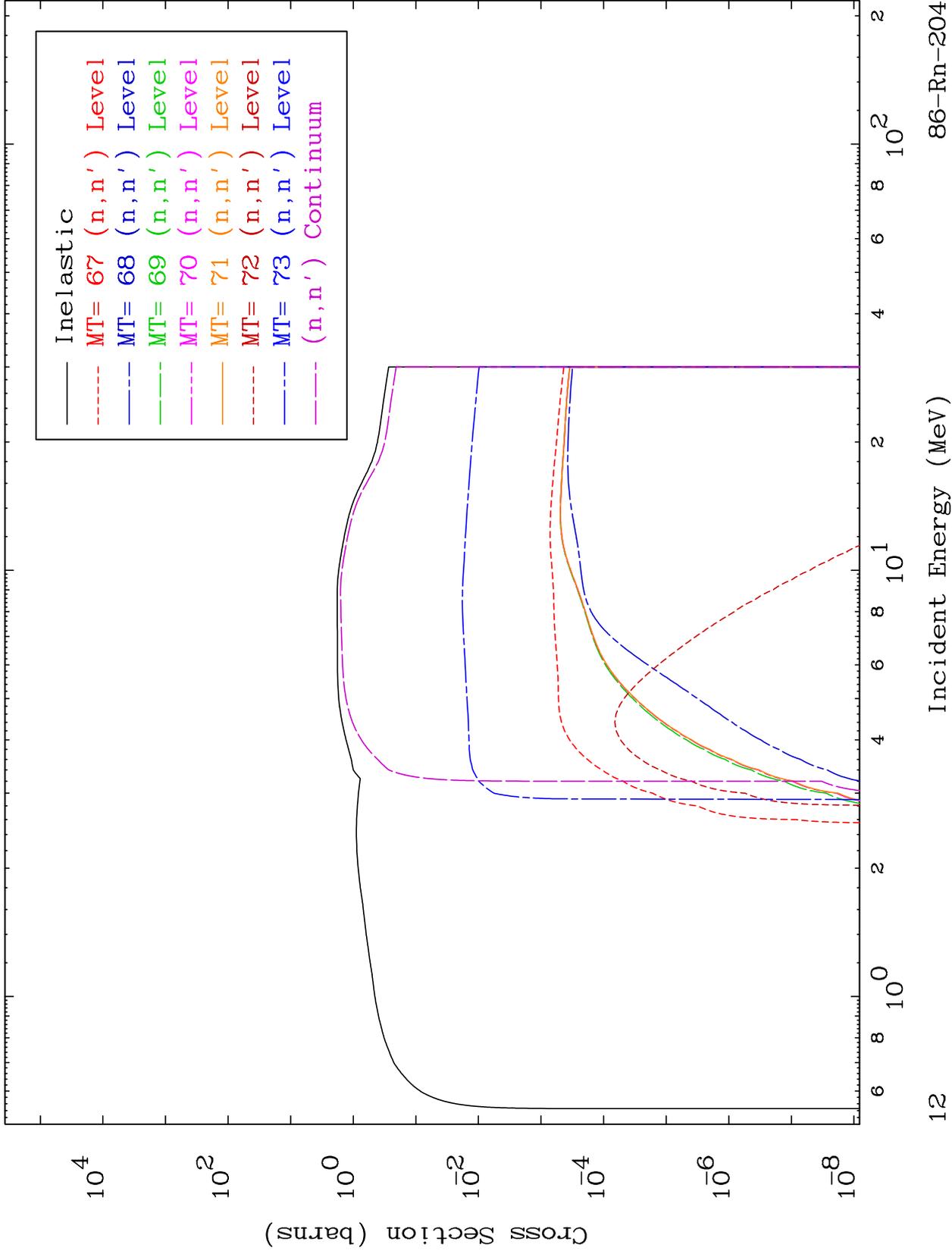
Incident Energy (MeV)

86-Rn-204

293 Kelvin Cross Sections



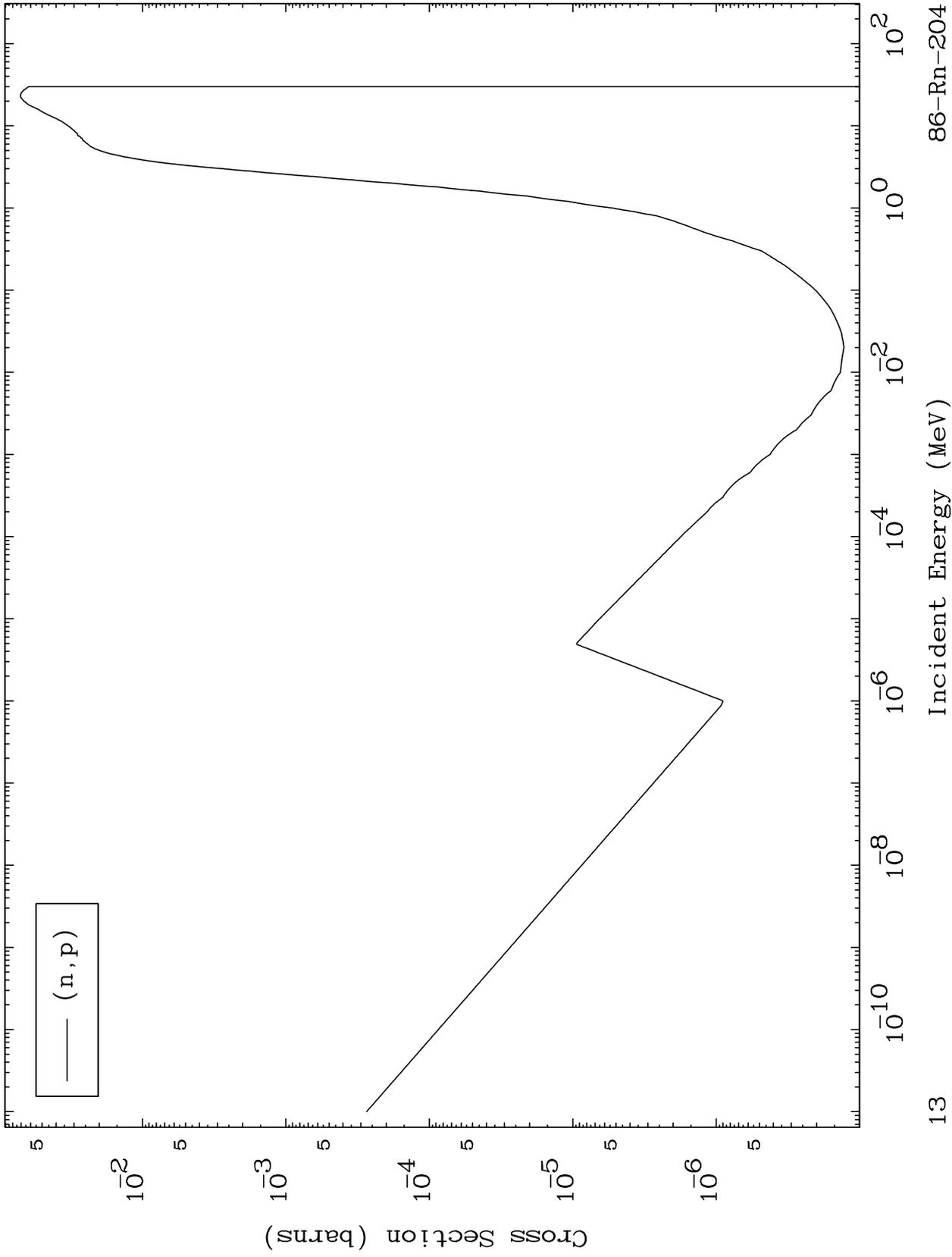
293 Kelvin Cross Sections



MAT 8604

(n,p) Levels
293 Kelvin Cross Sections

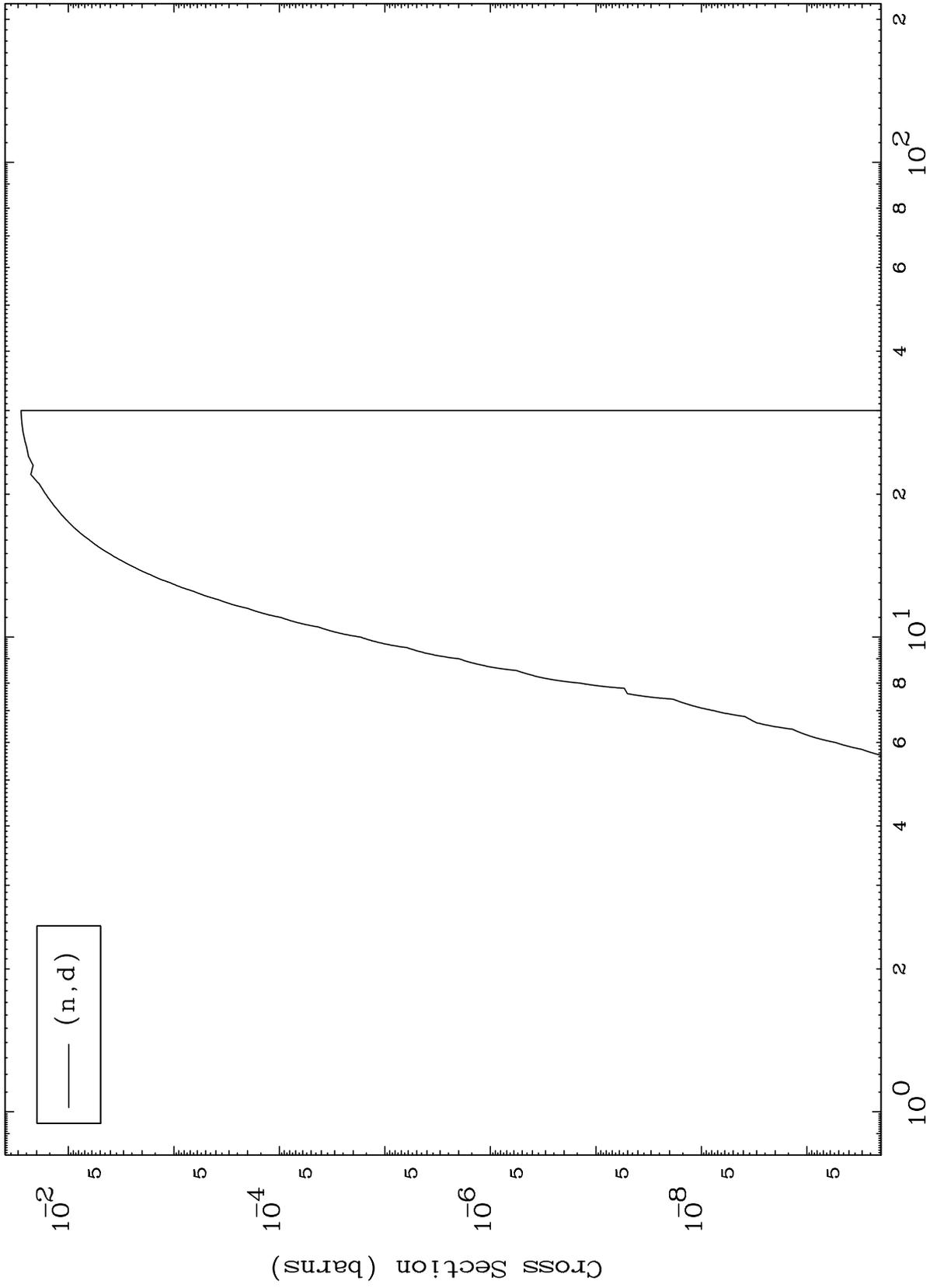
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MAT 8604

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-204



14

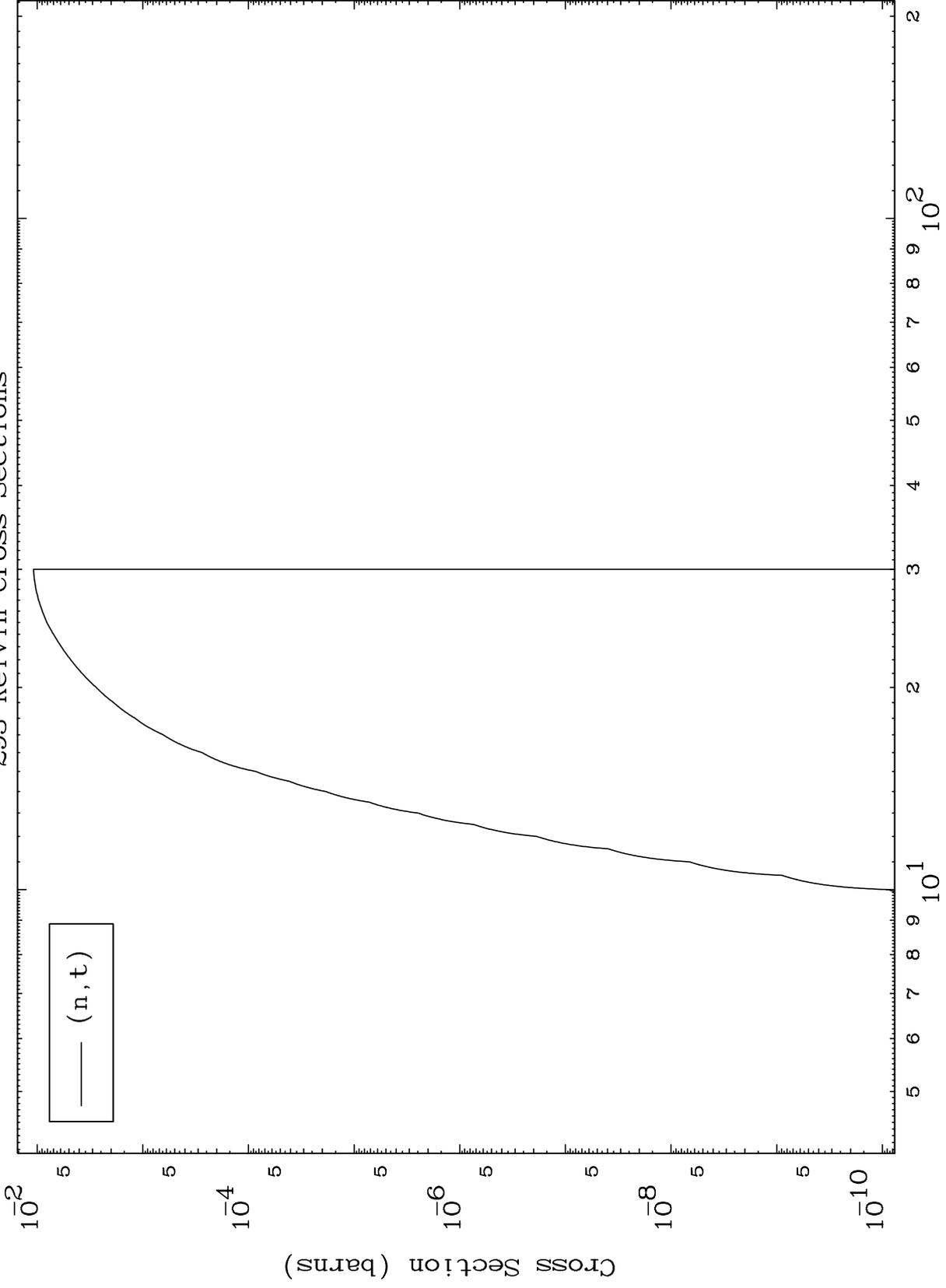
Incident Energy (MeV)

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MAT 8604

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-204



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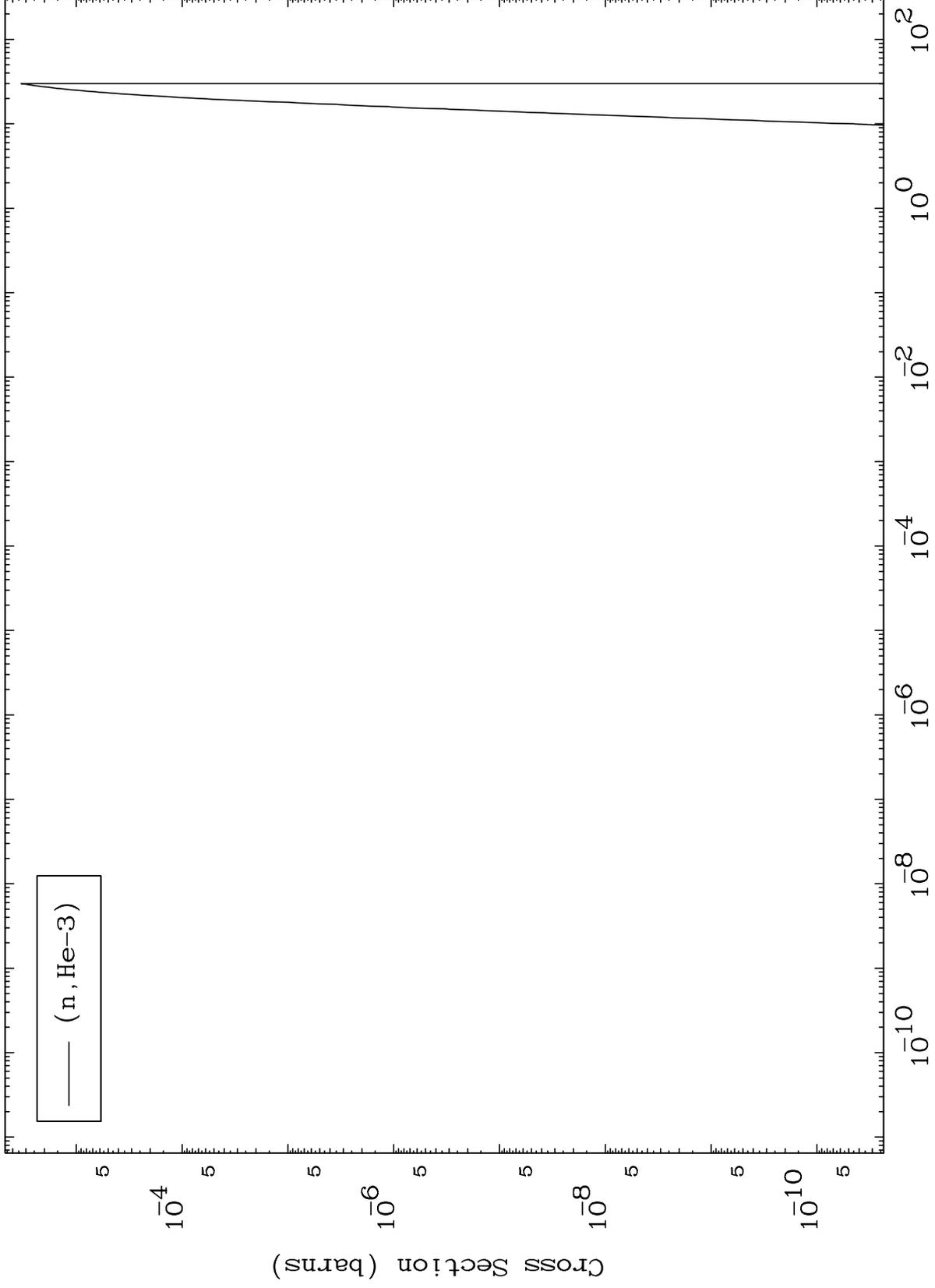
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86-Rn-204

MAT 8604

(n,He3) Levels
293 Kelvin Cross Sections

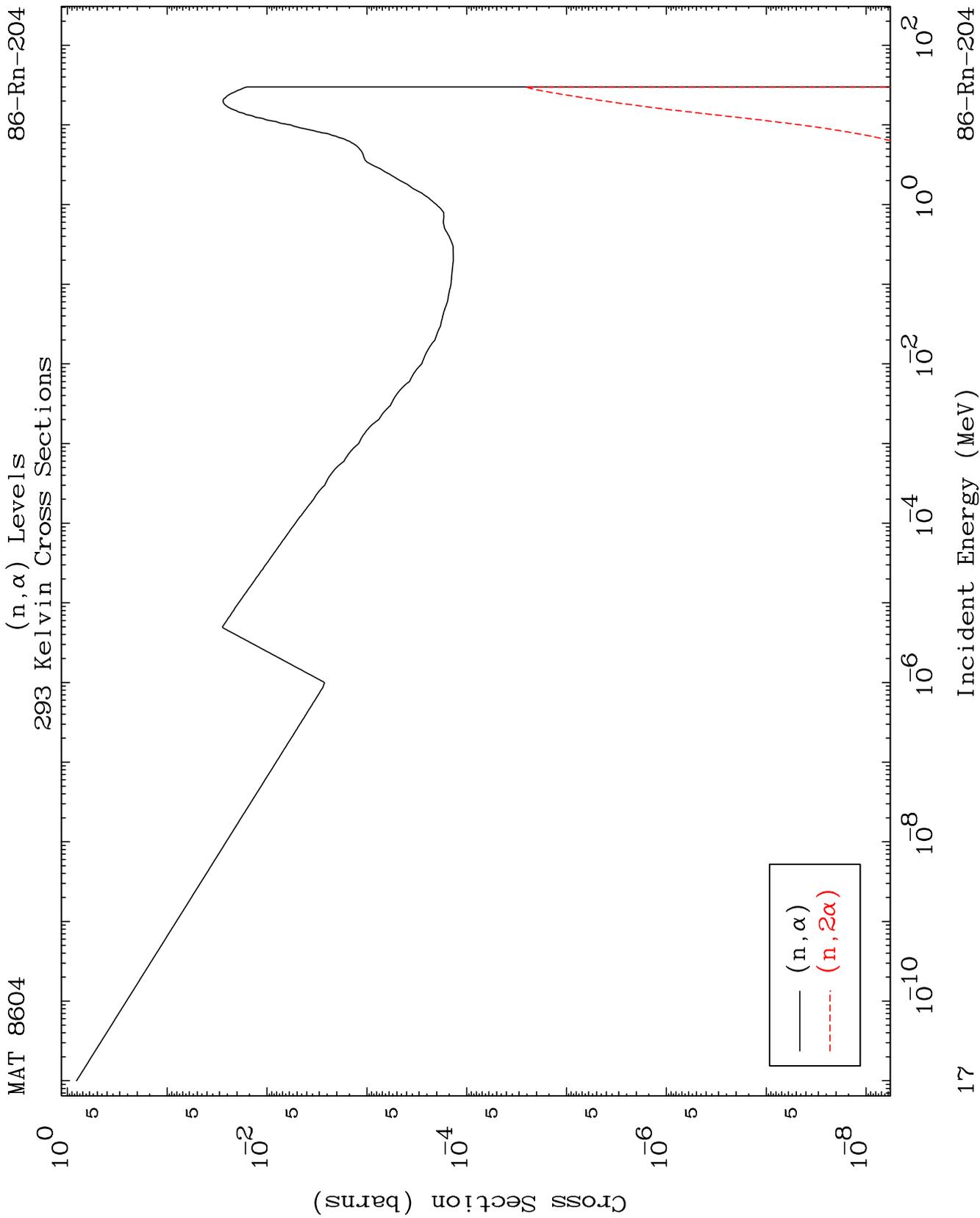
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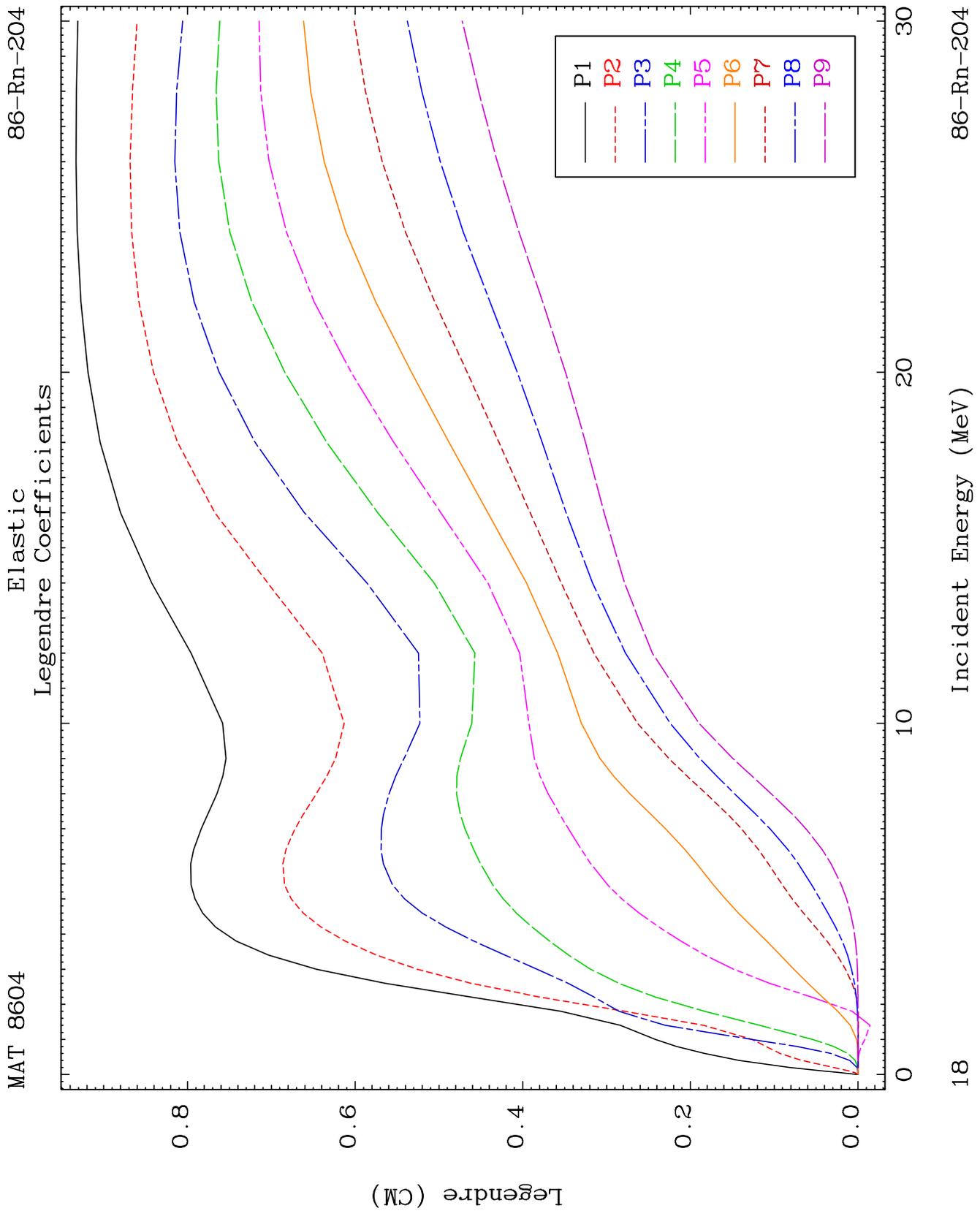


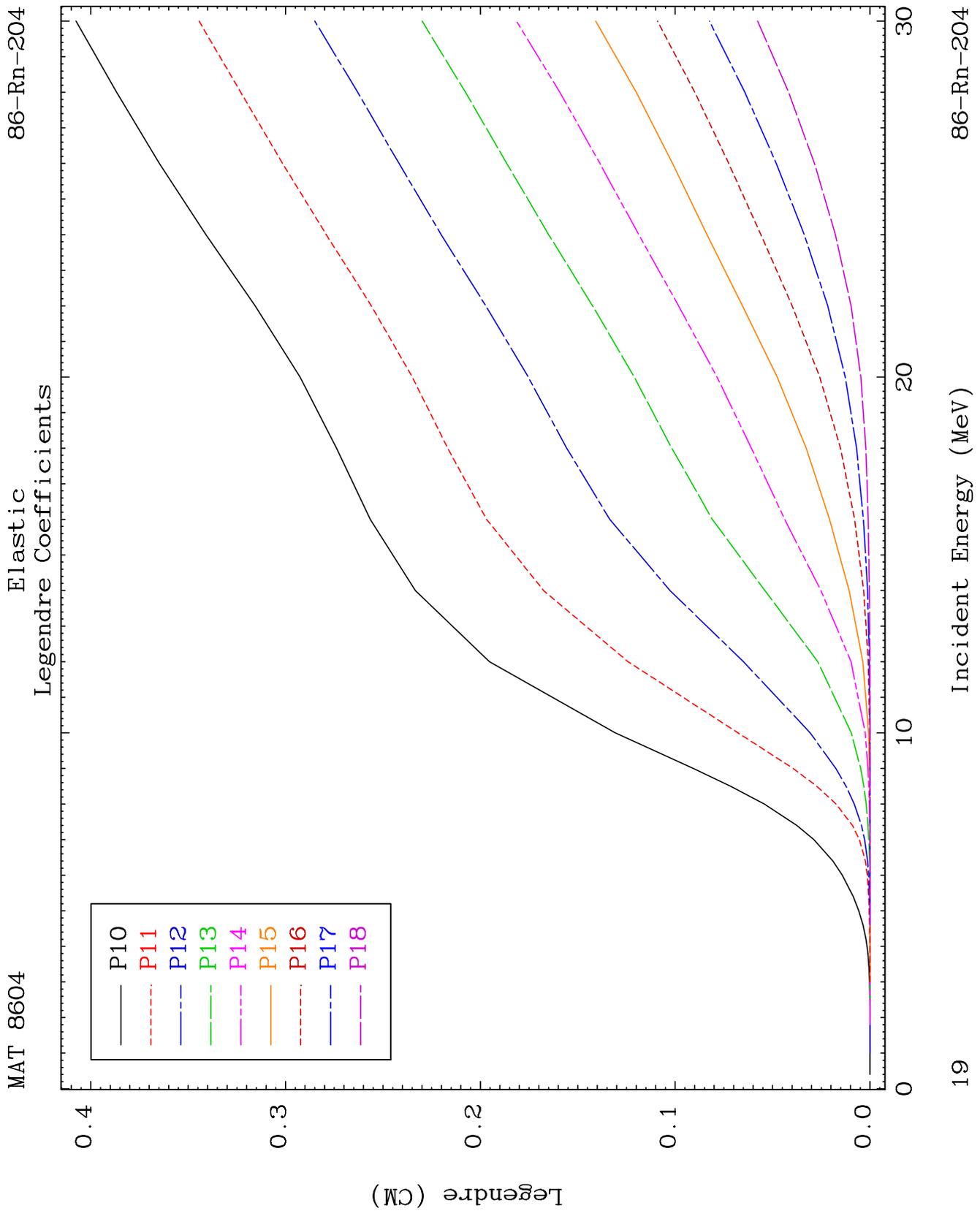
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Incident Energy (MeV)

86-Rn-204



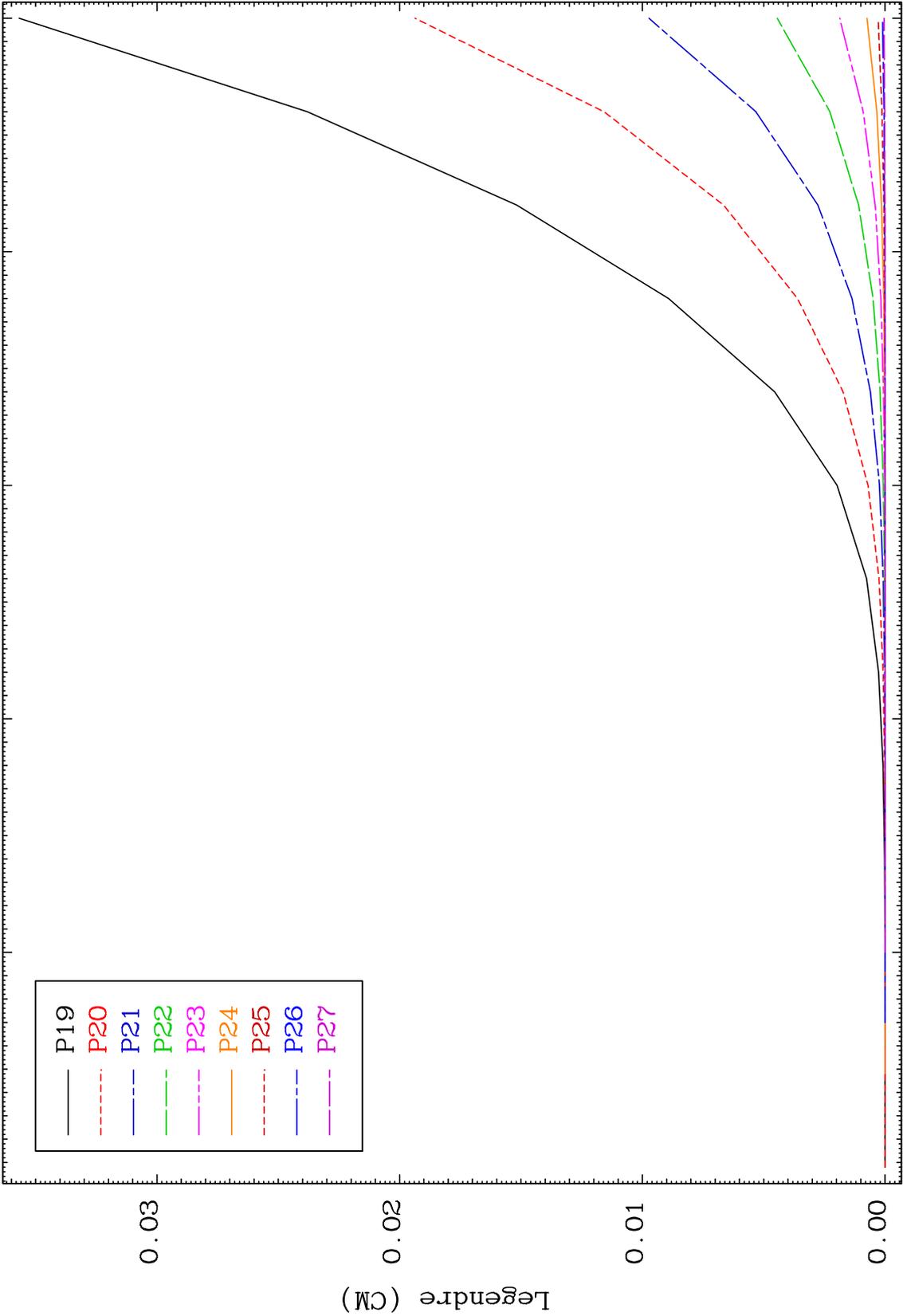




MAT 8604

Elastic Legendre Coefficients

86-Rn-204



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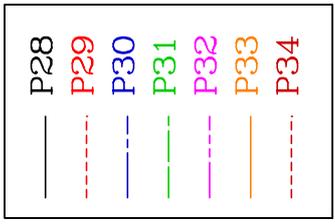
Incident Energy (MeV)

86-Rn-204

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

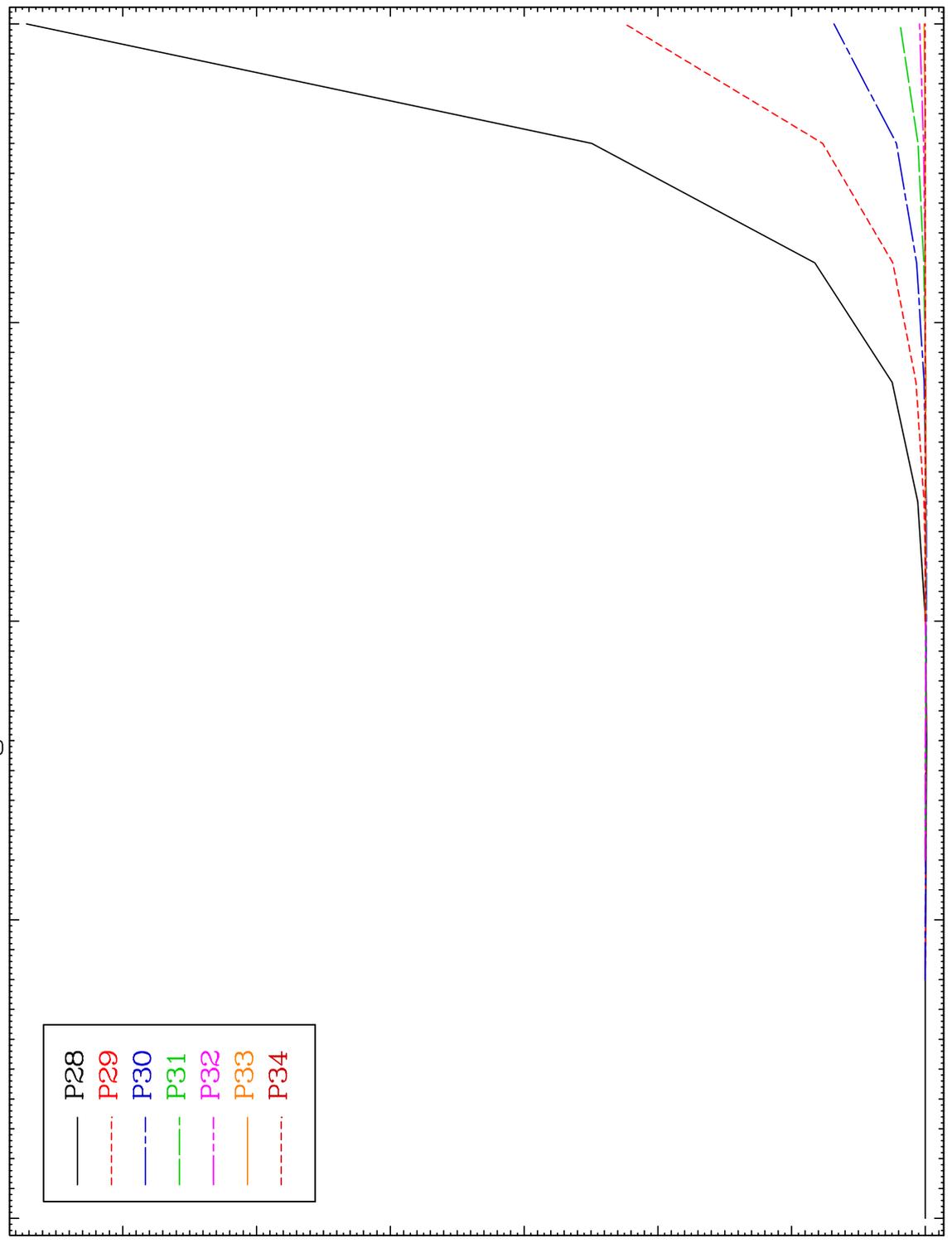
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30

21

Incident Energy (MeV)

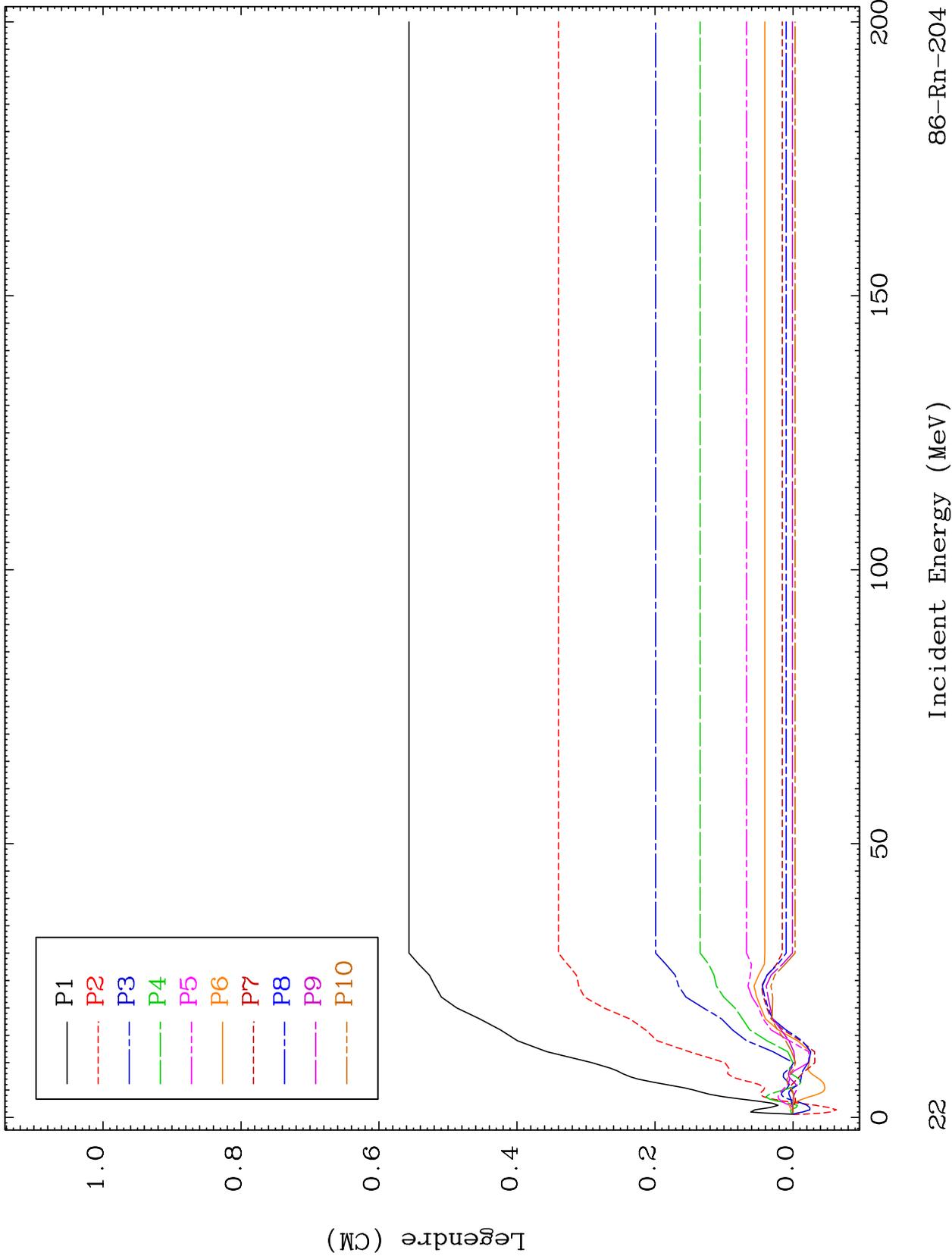
86-Rn-204



MAT 8604

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

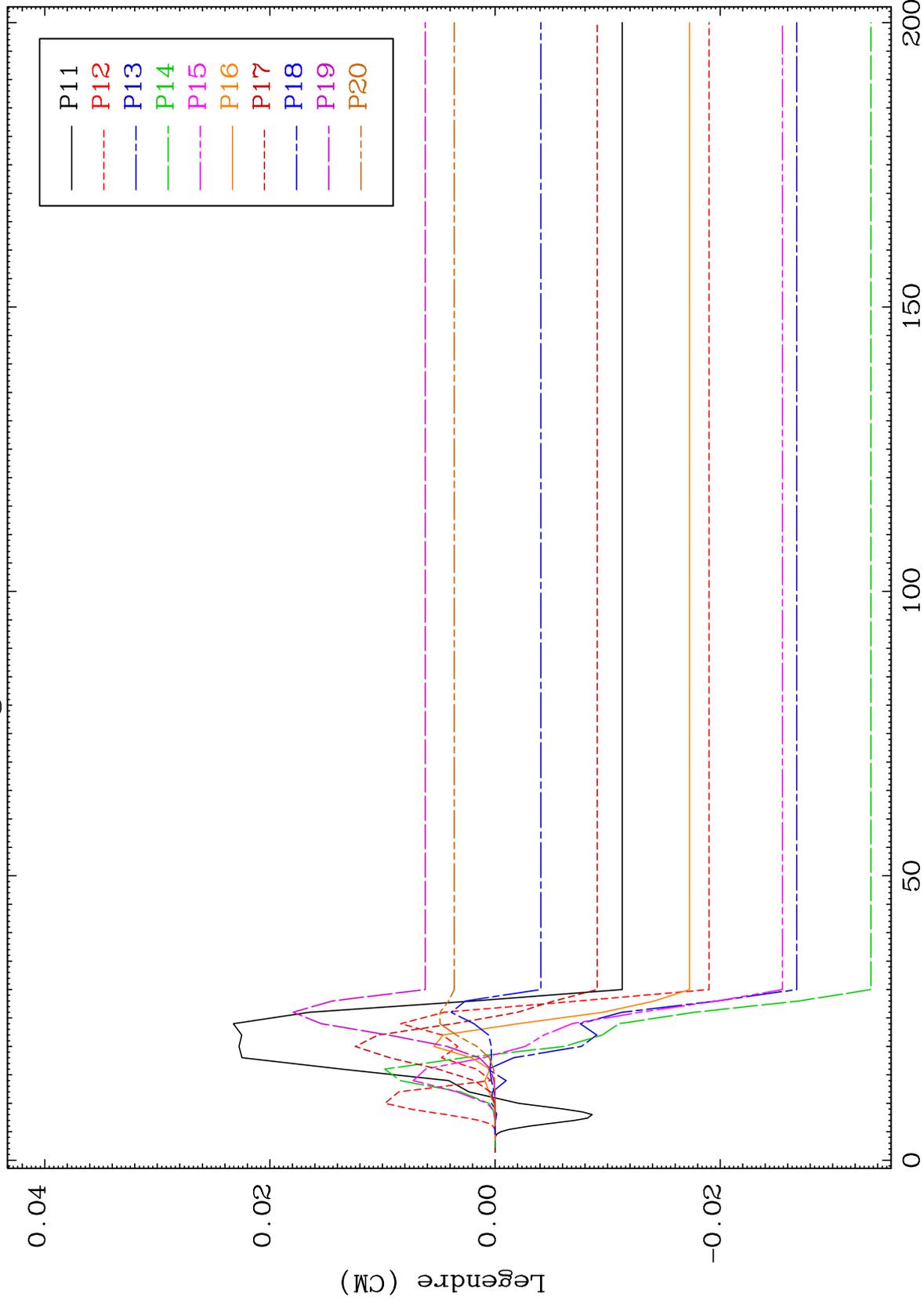
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MAT 8604

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

86-Rn-204



23

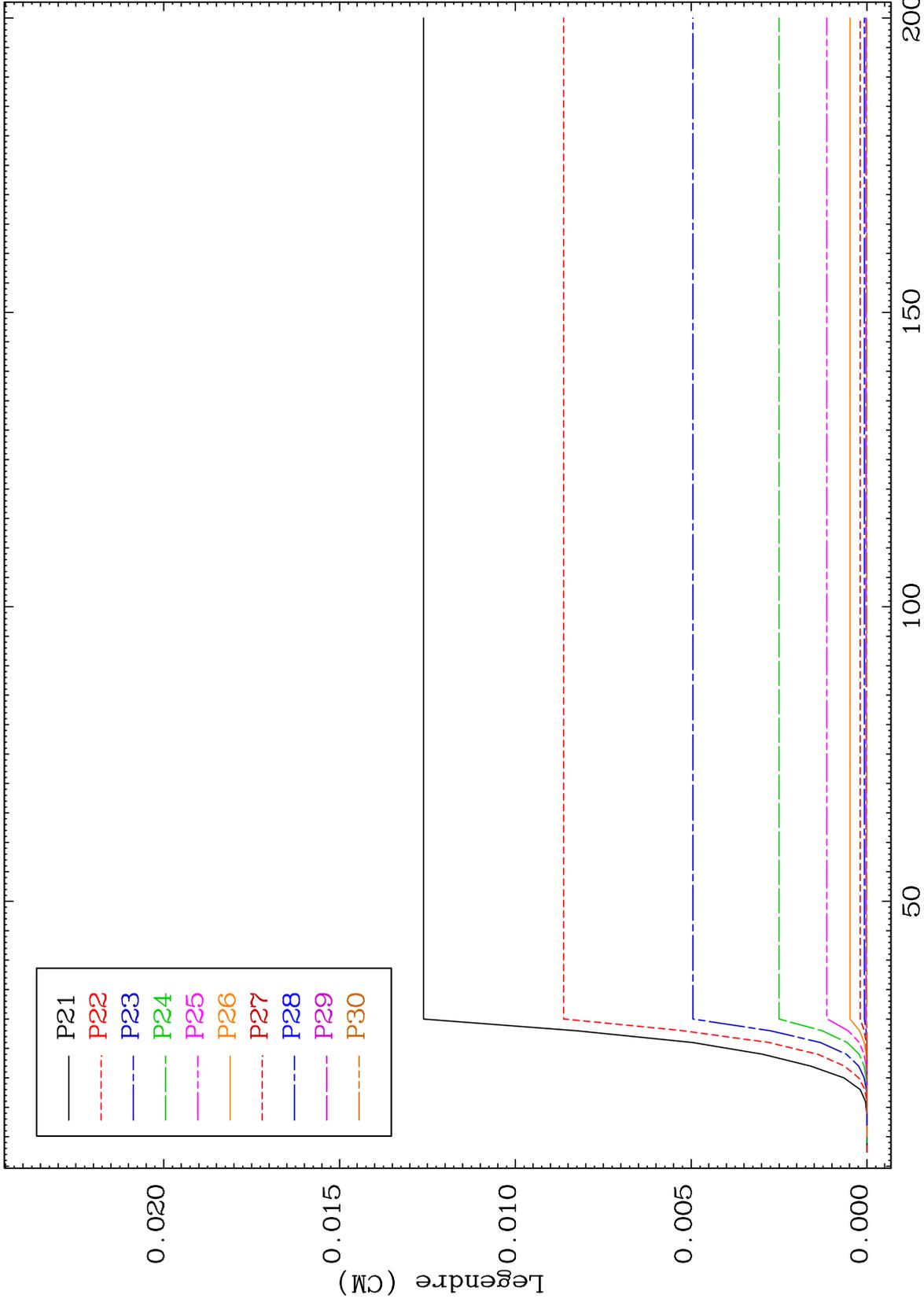
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



24

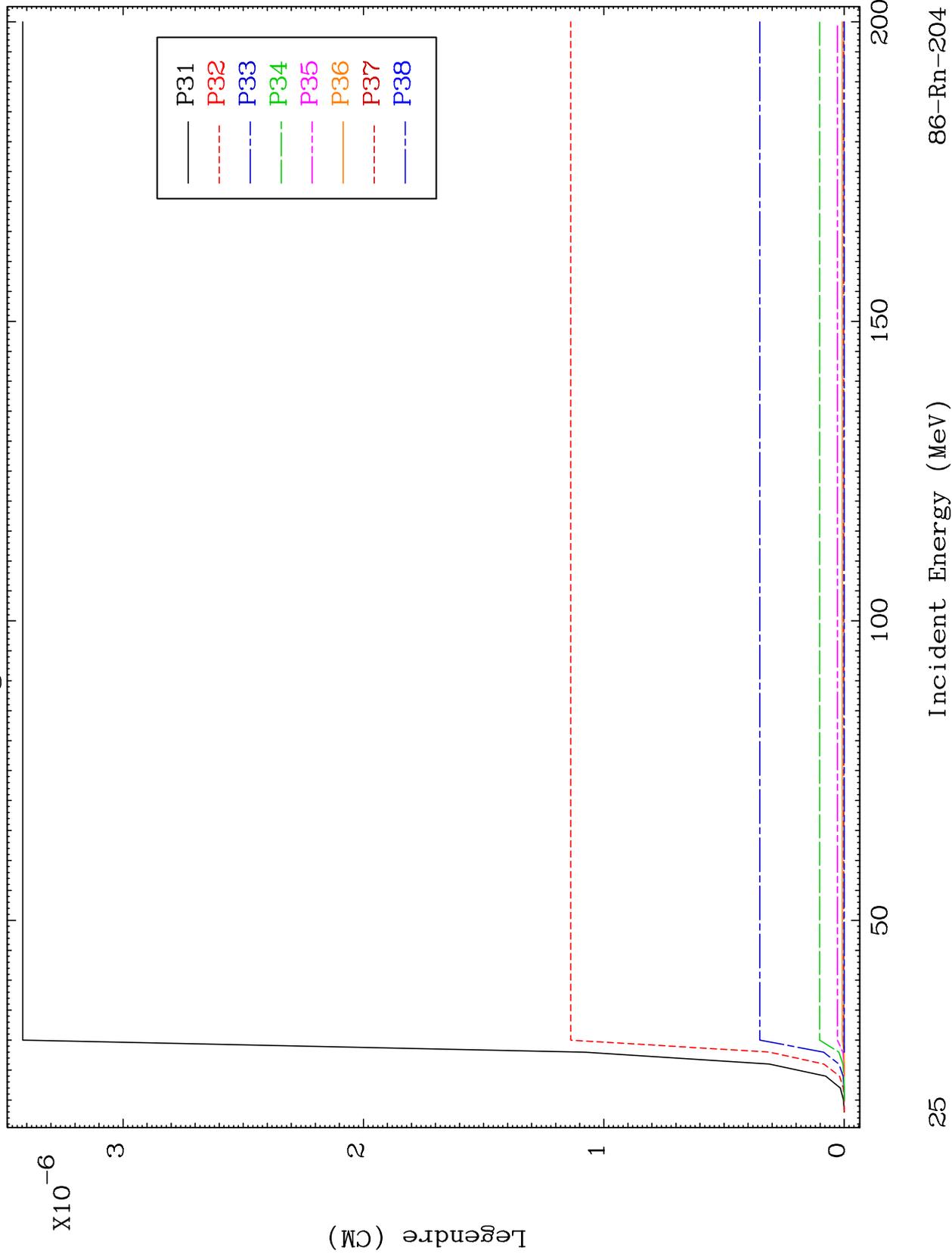
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

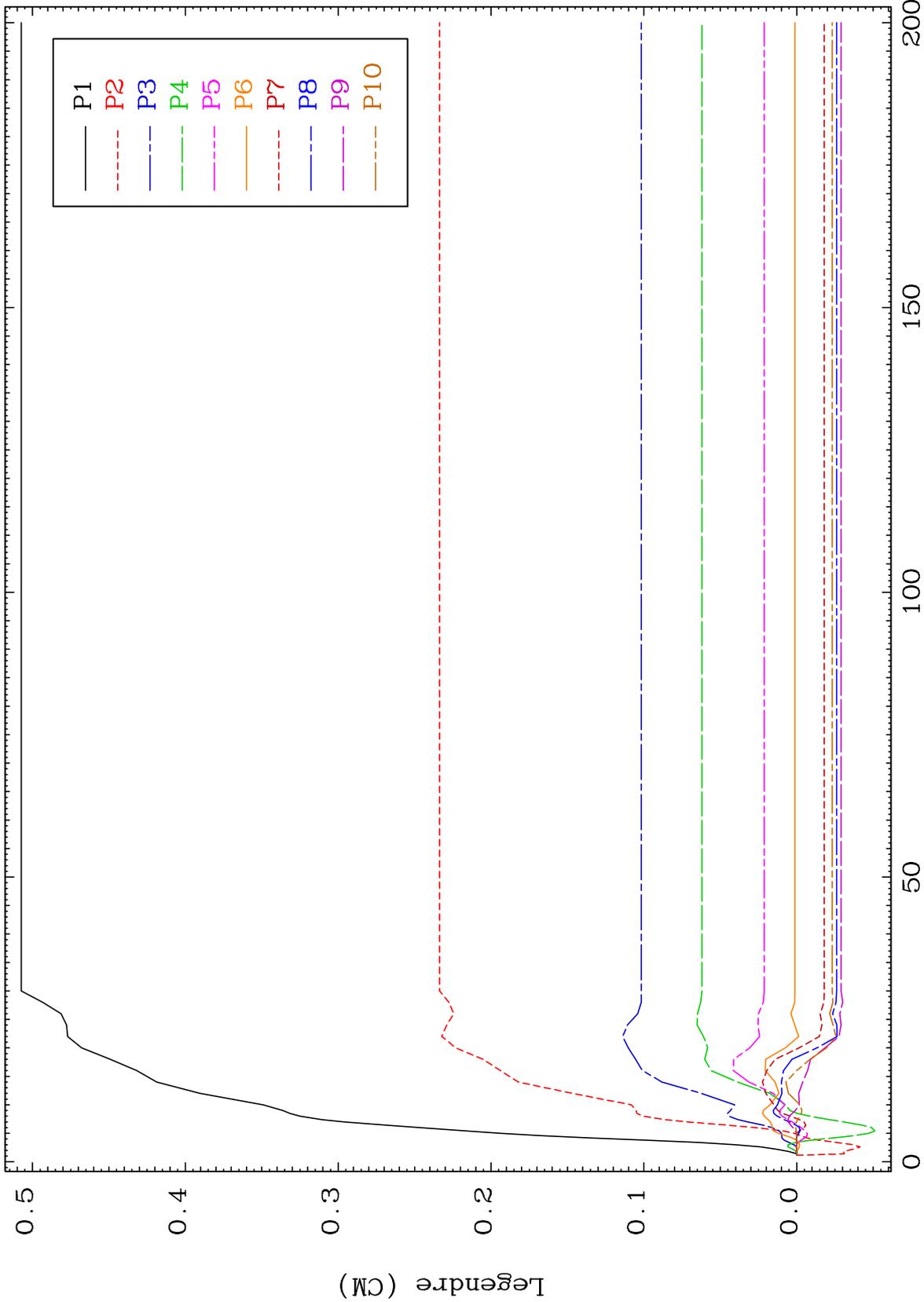
86-Rn-204



MAT 8604

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

86-Rn-204



26

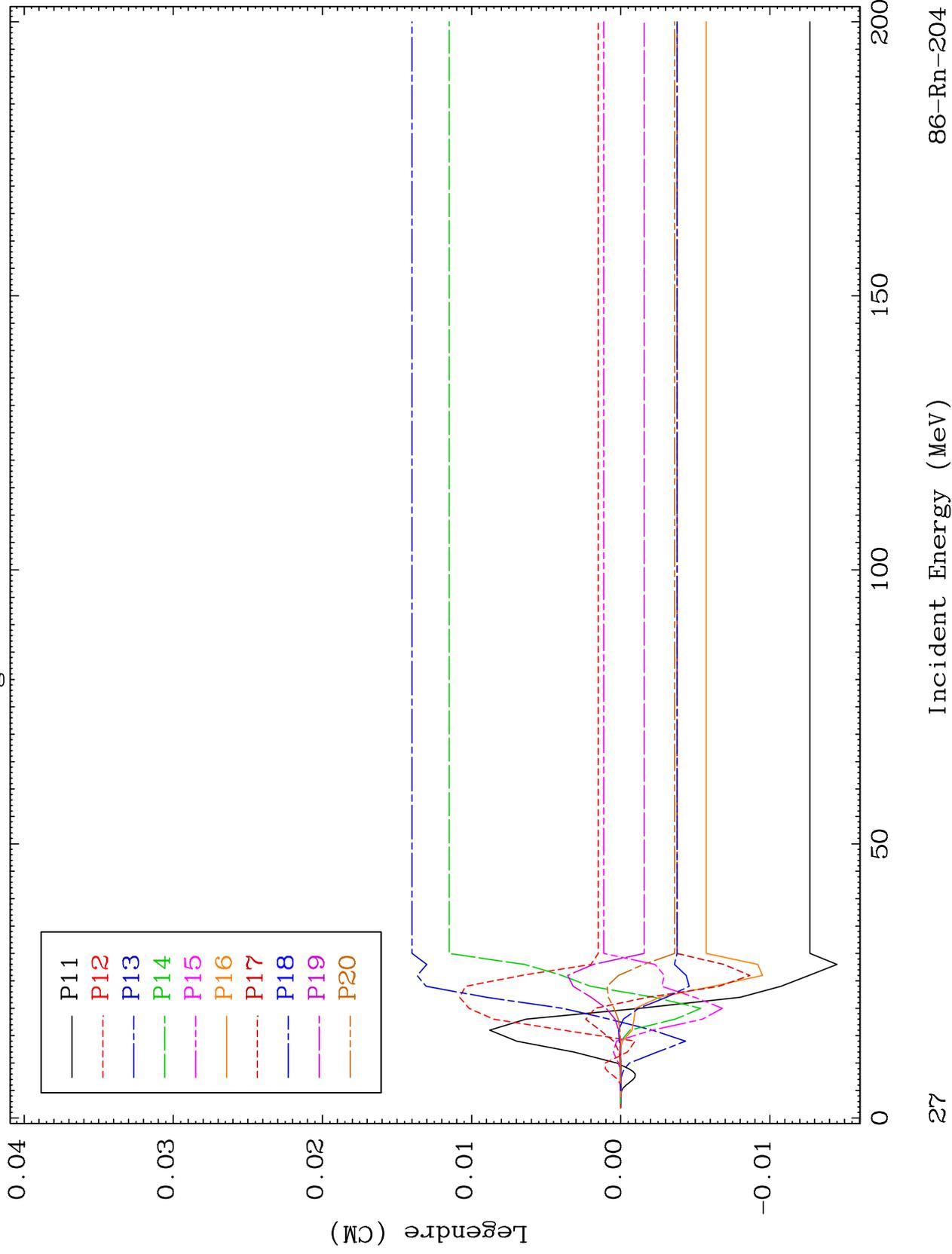
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204

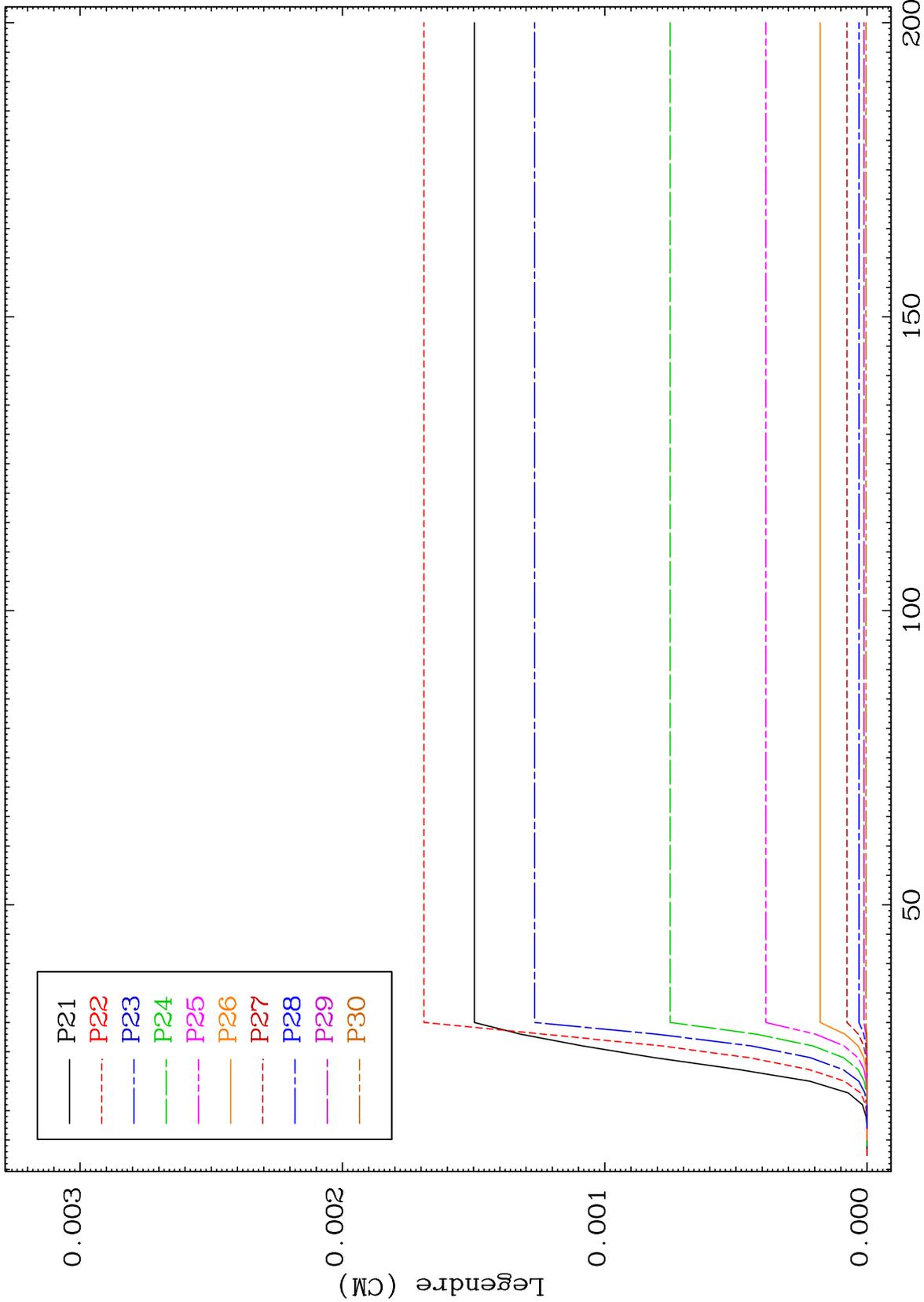


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MAT 8604

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

86-Rn-204



28

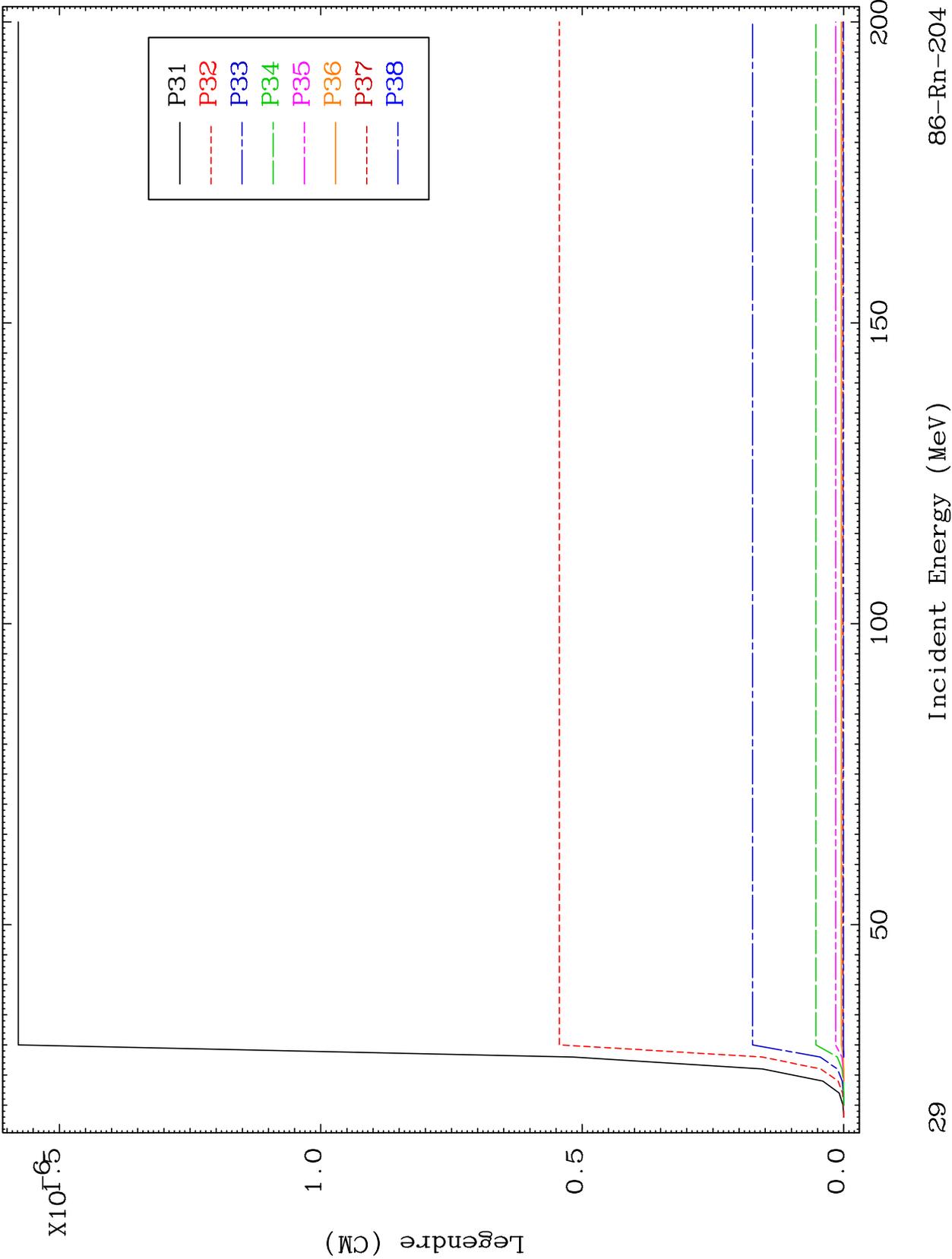
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

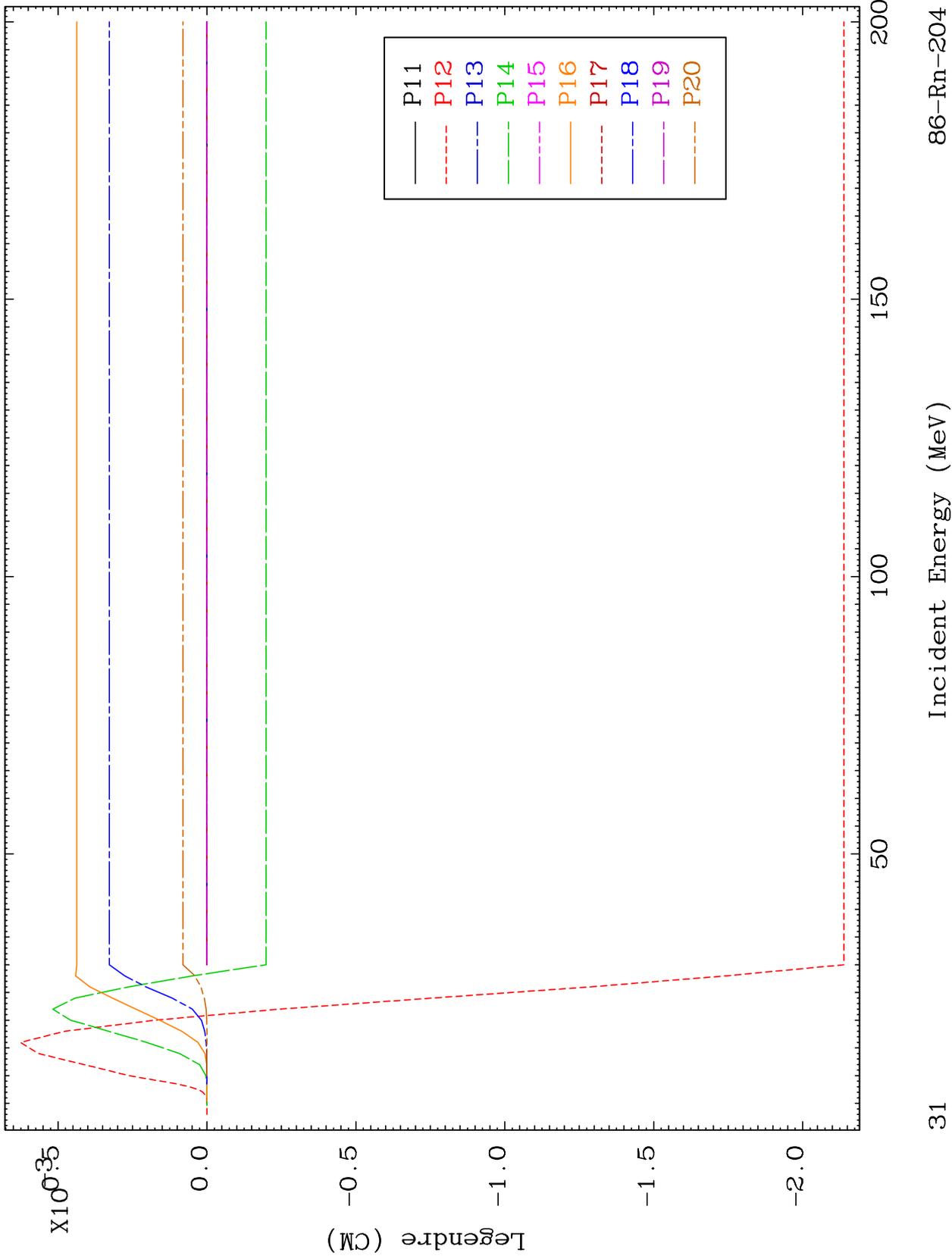
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Incident Energy (MeV)

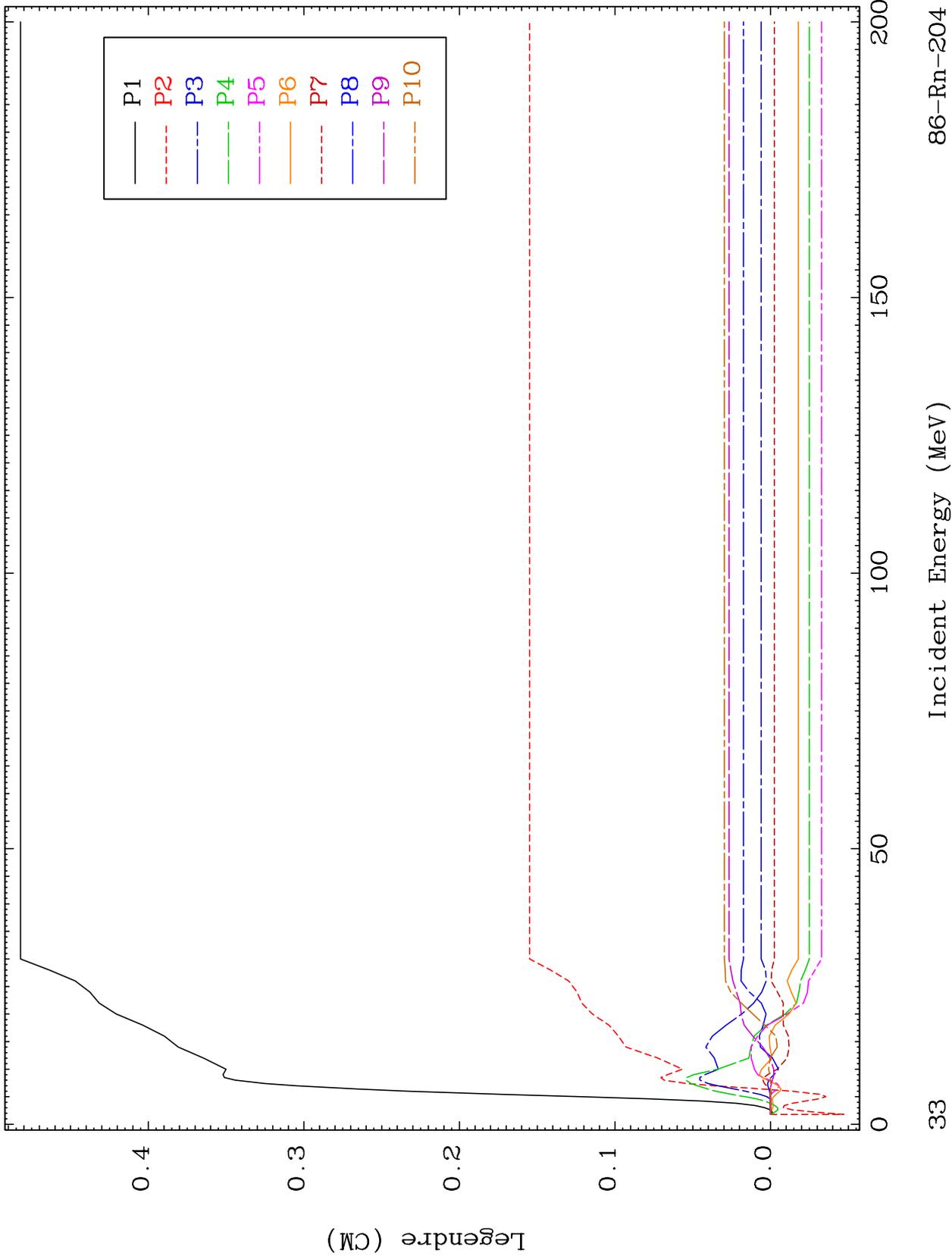
86-Rn-204



MAT 8604

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

86-Rn-204

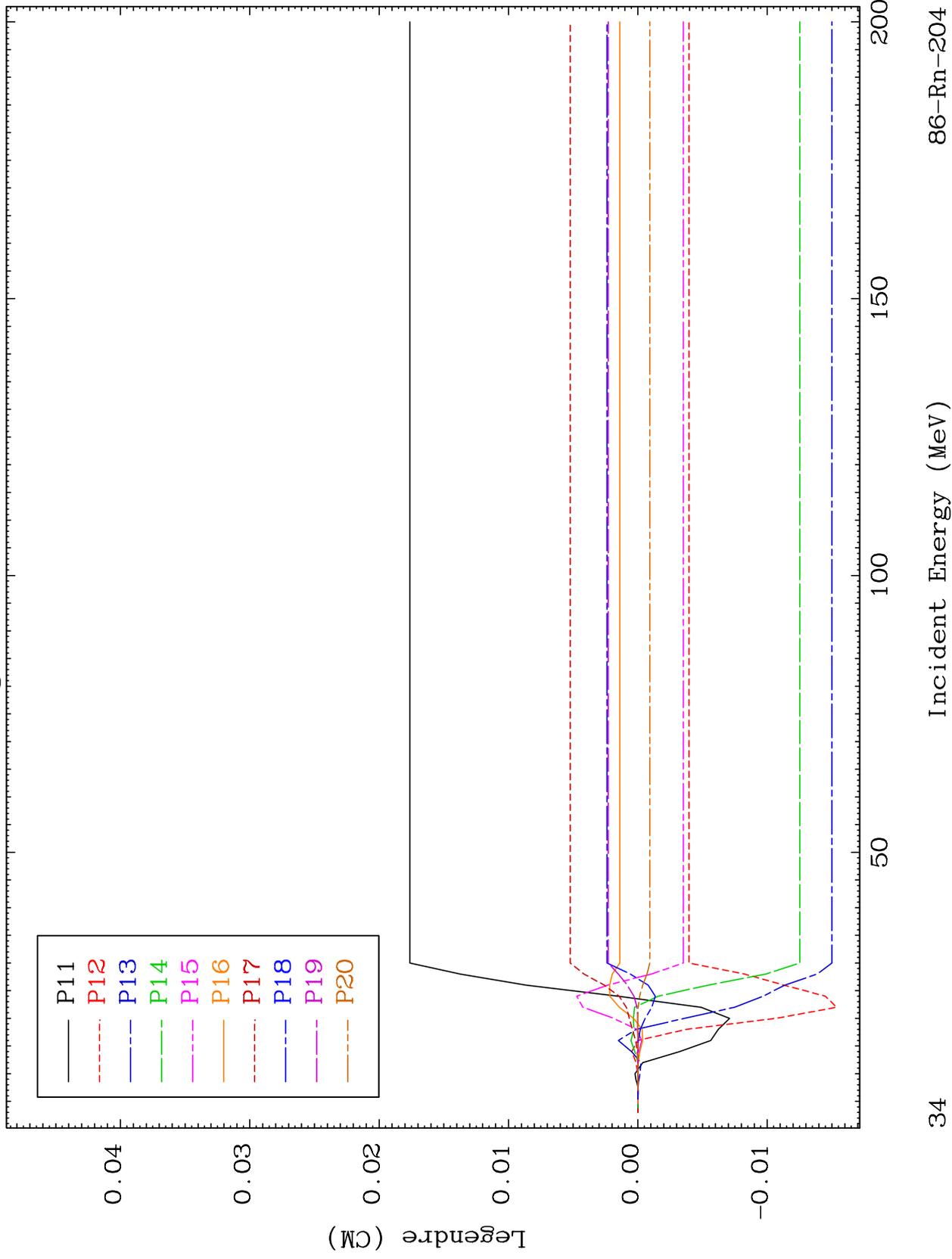


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MAT 8604

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

86-Rn-204



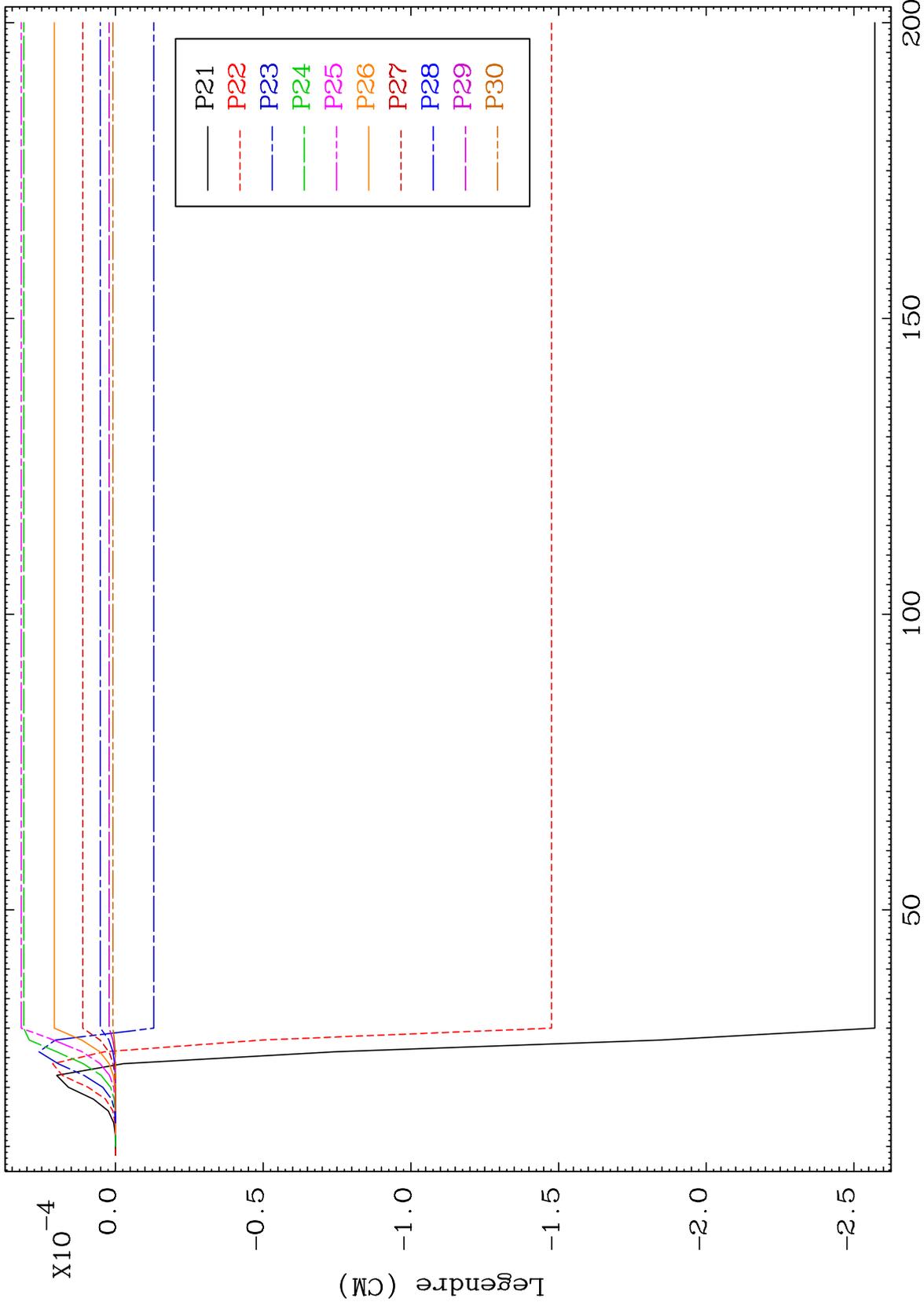
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86-Rn-204

MAT 8604

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

86-Rn-204



35

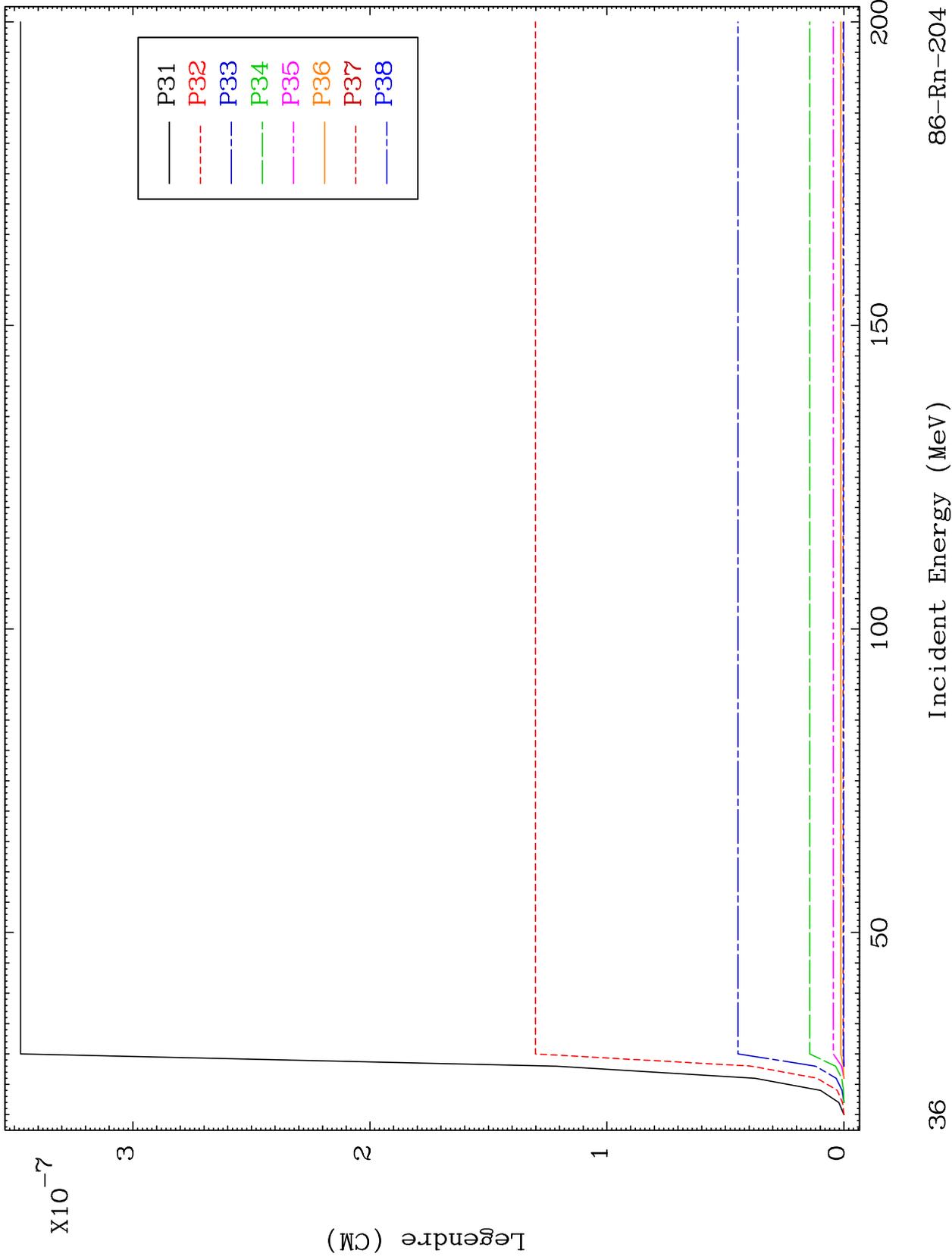
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

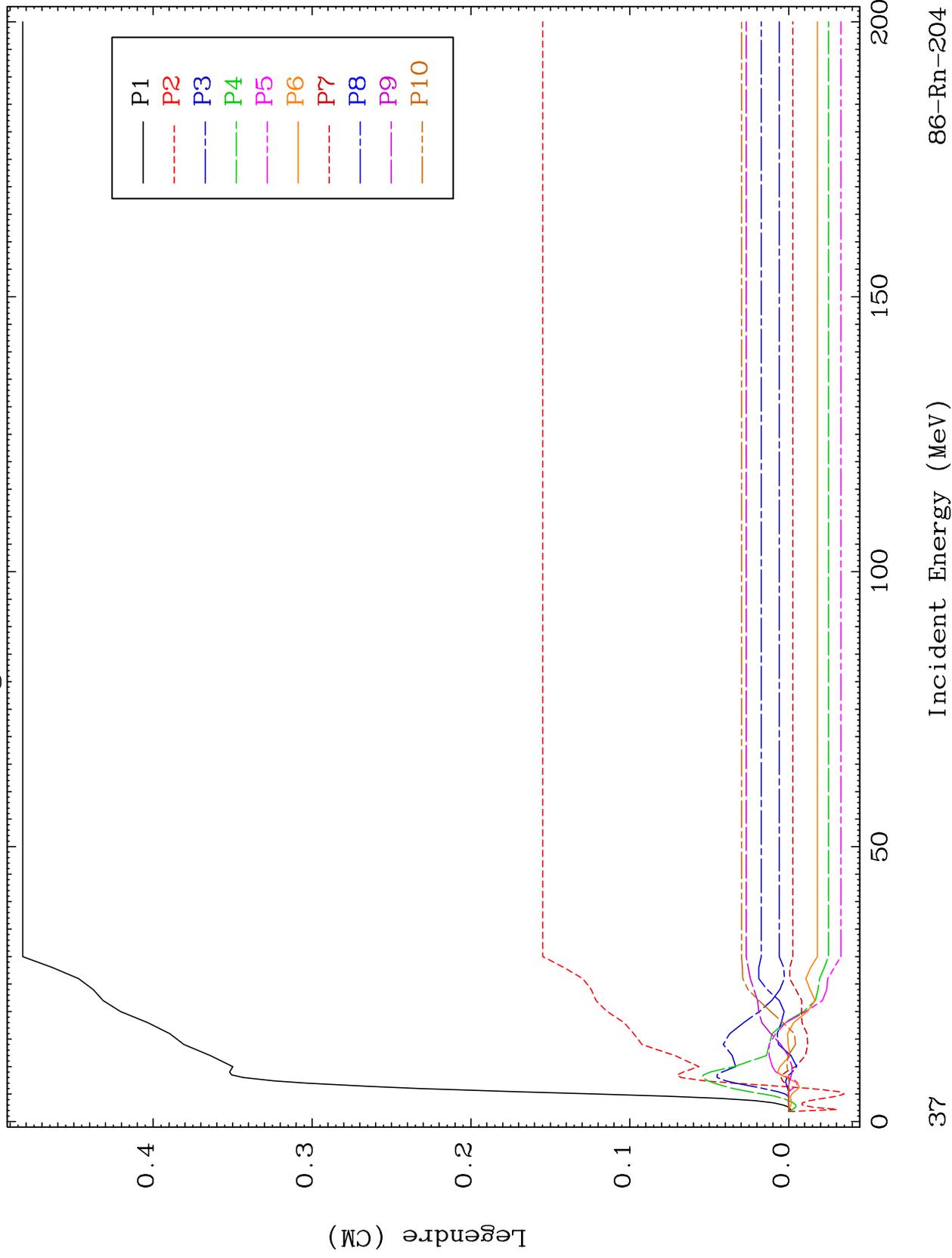
86-Rn-204



MAT 8604

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

86-Rn-204



86-Rn-204

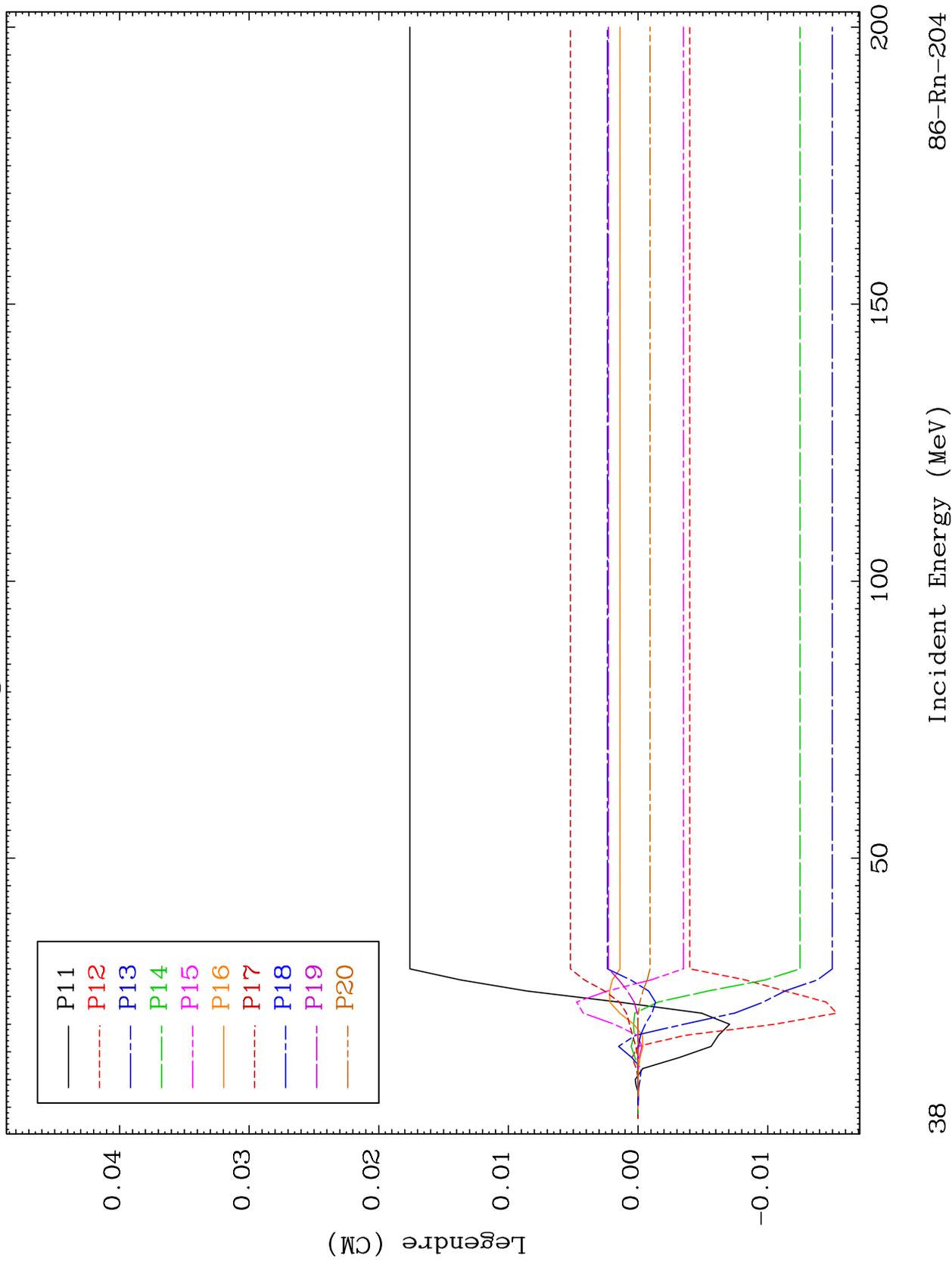
Incident Energy (MeV)

37

MAT 8604

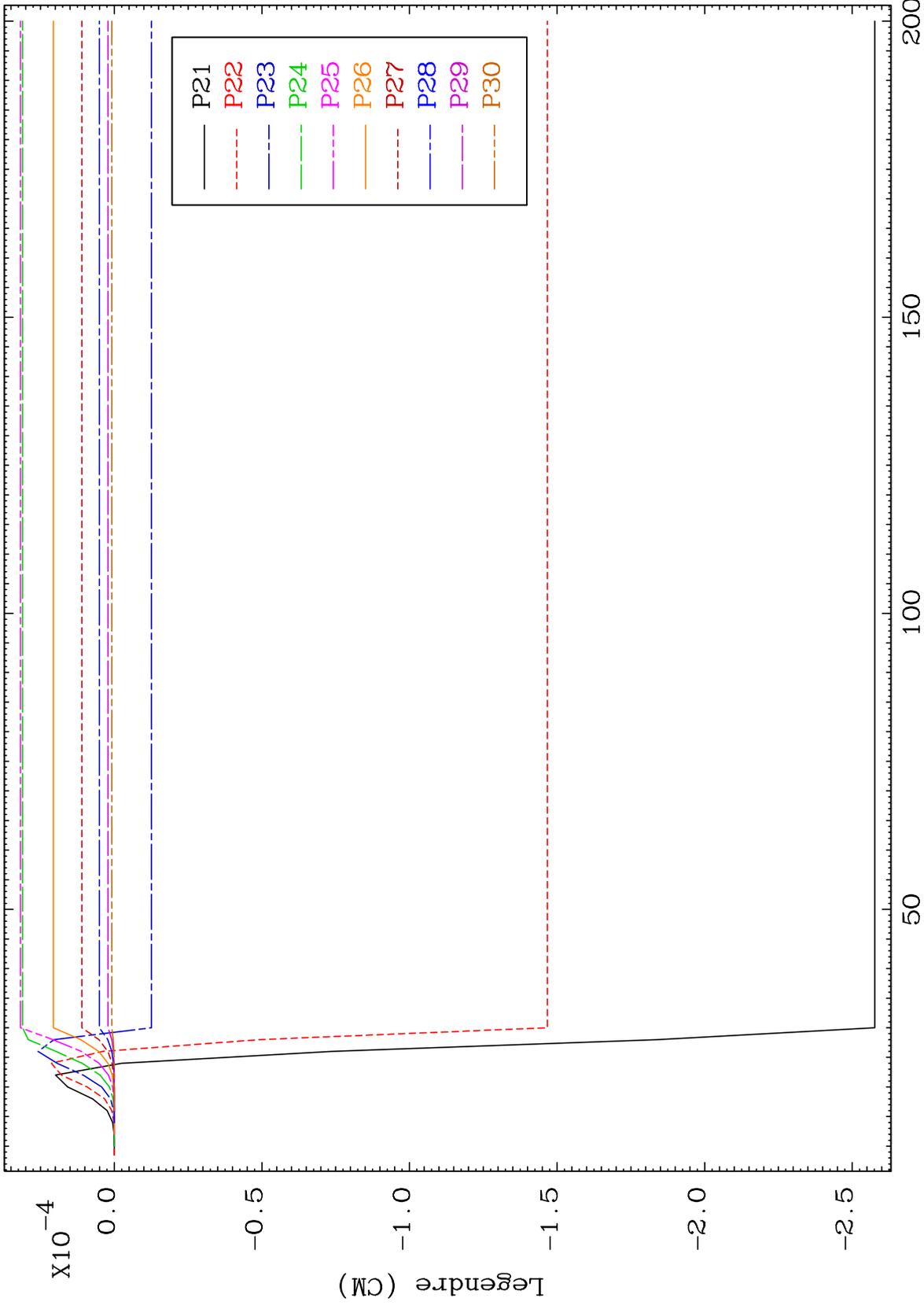
MT= 55 (n,n') Level
Legendre Coefficients

86-Rn-204



38

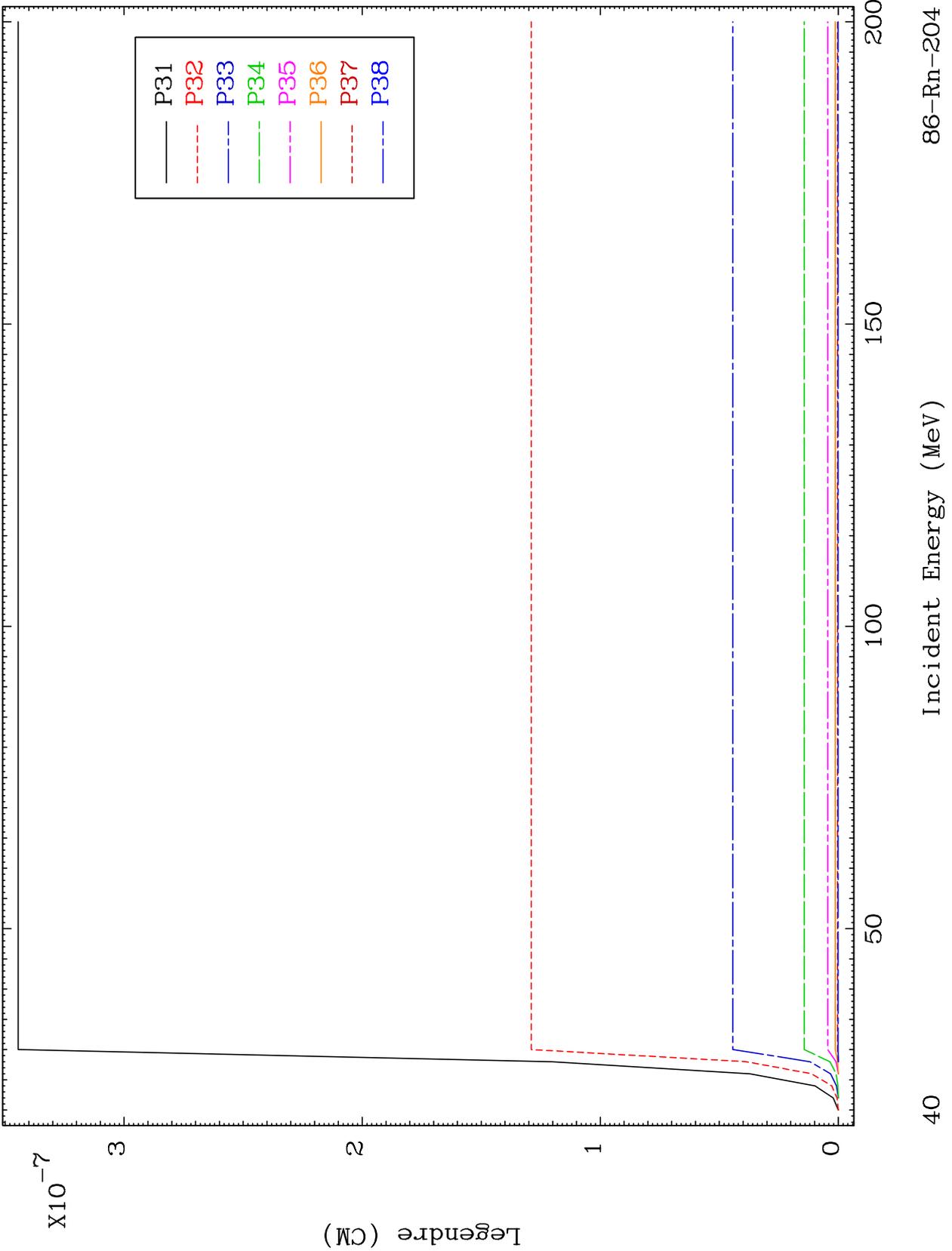
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MAT 8604

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

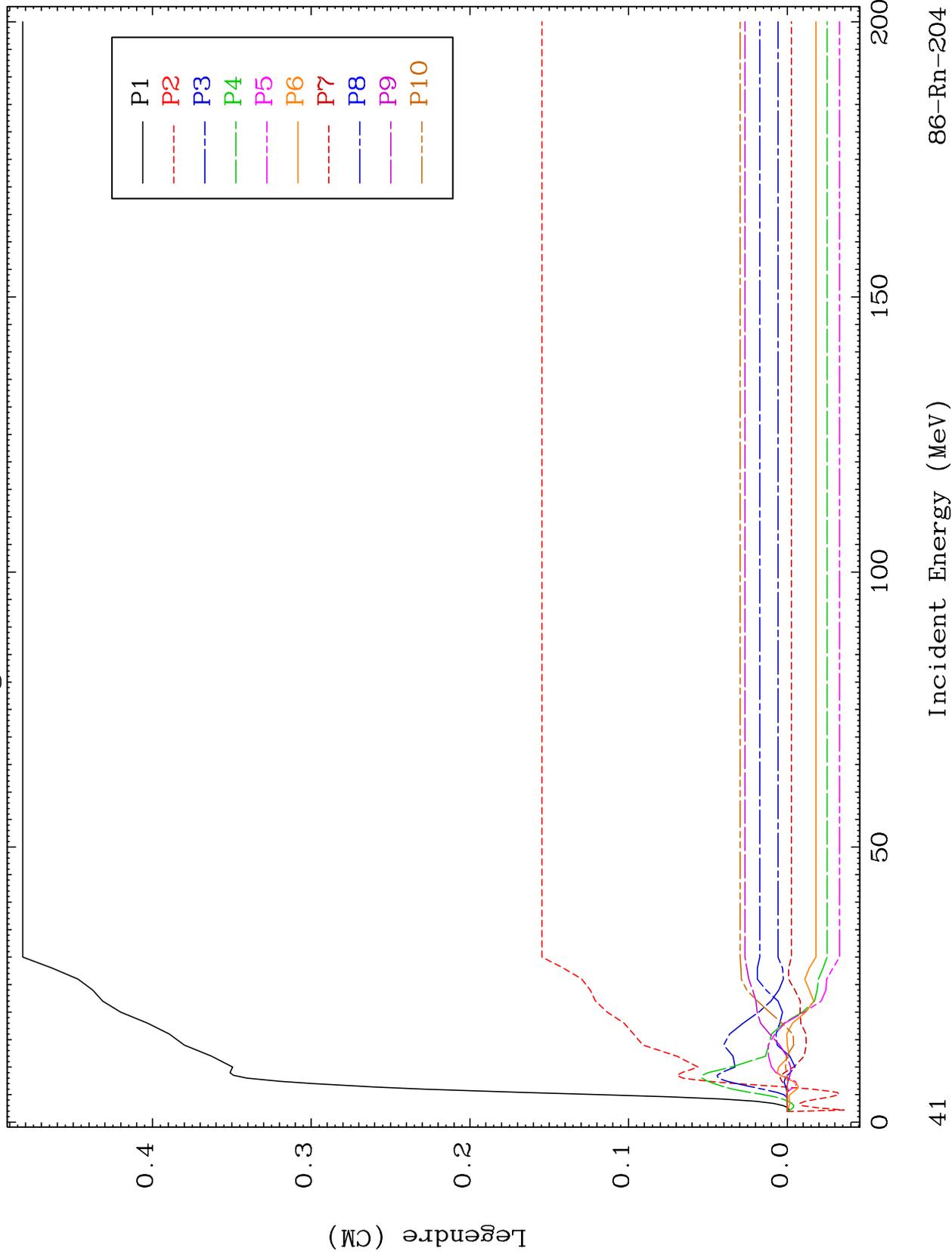
86-Rn-204



MAT 8604

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

86-Rn-204



41

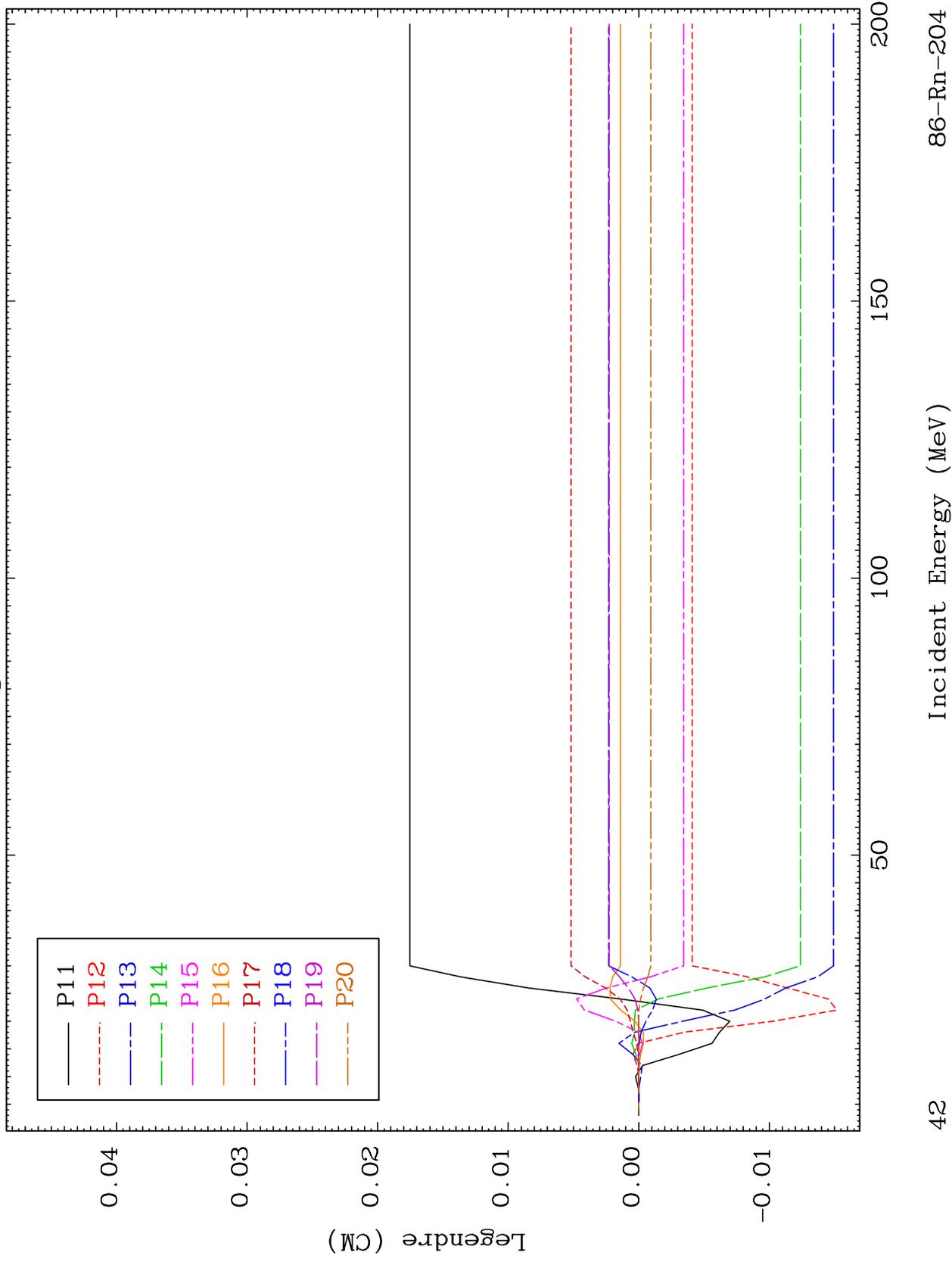
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



42

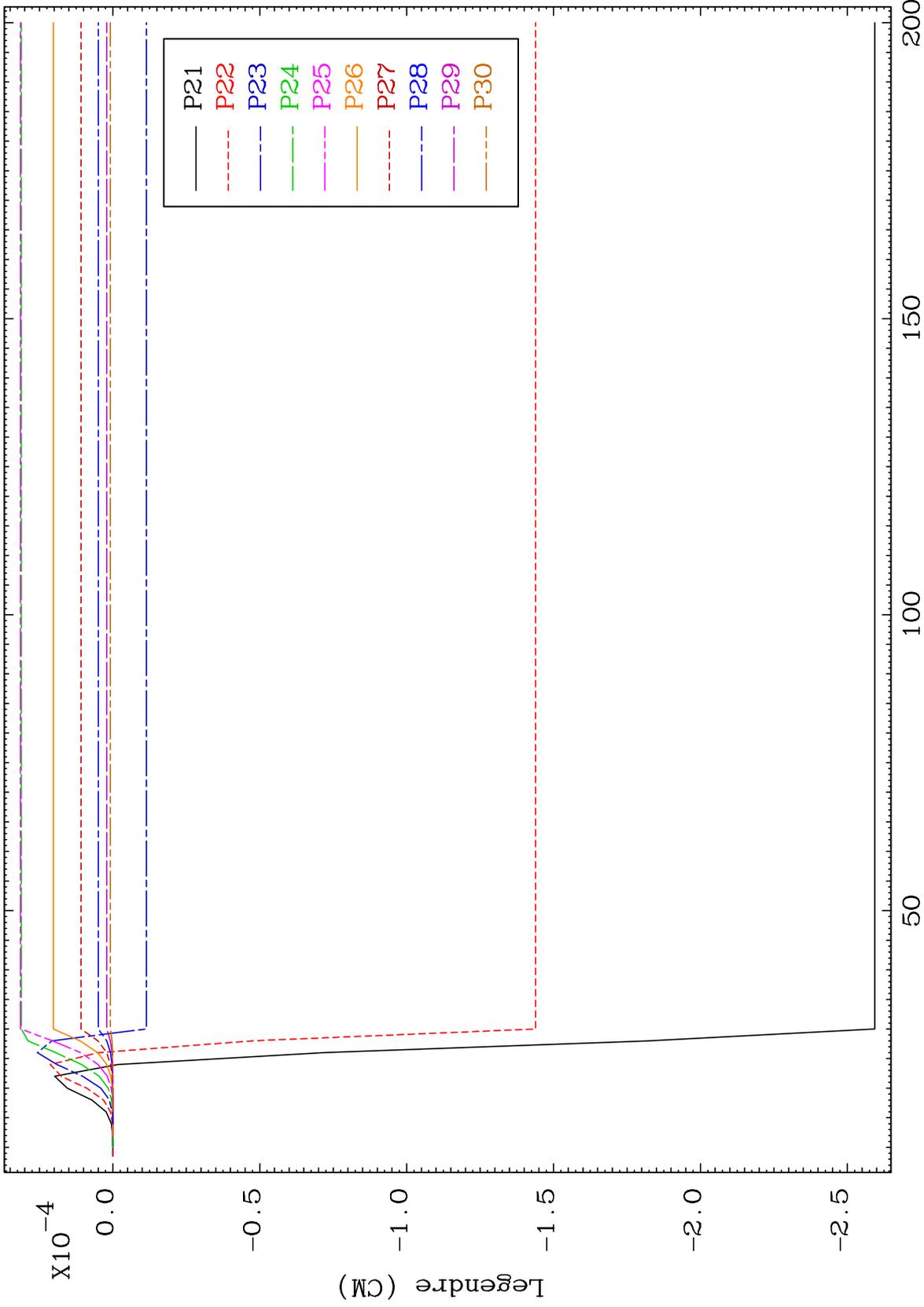
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



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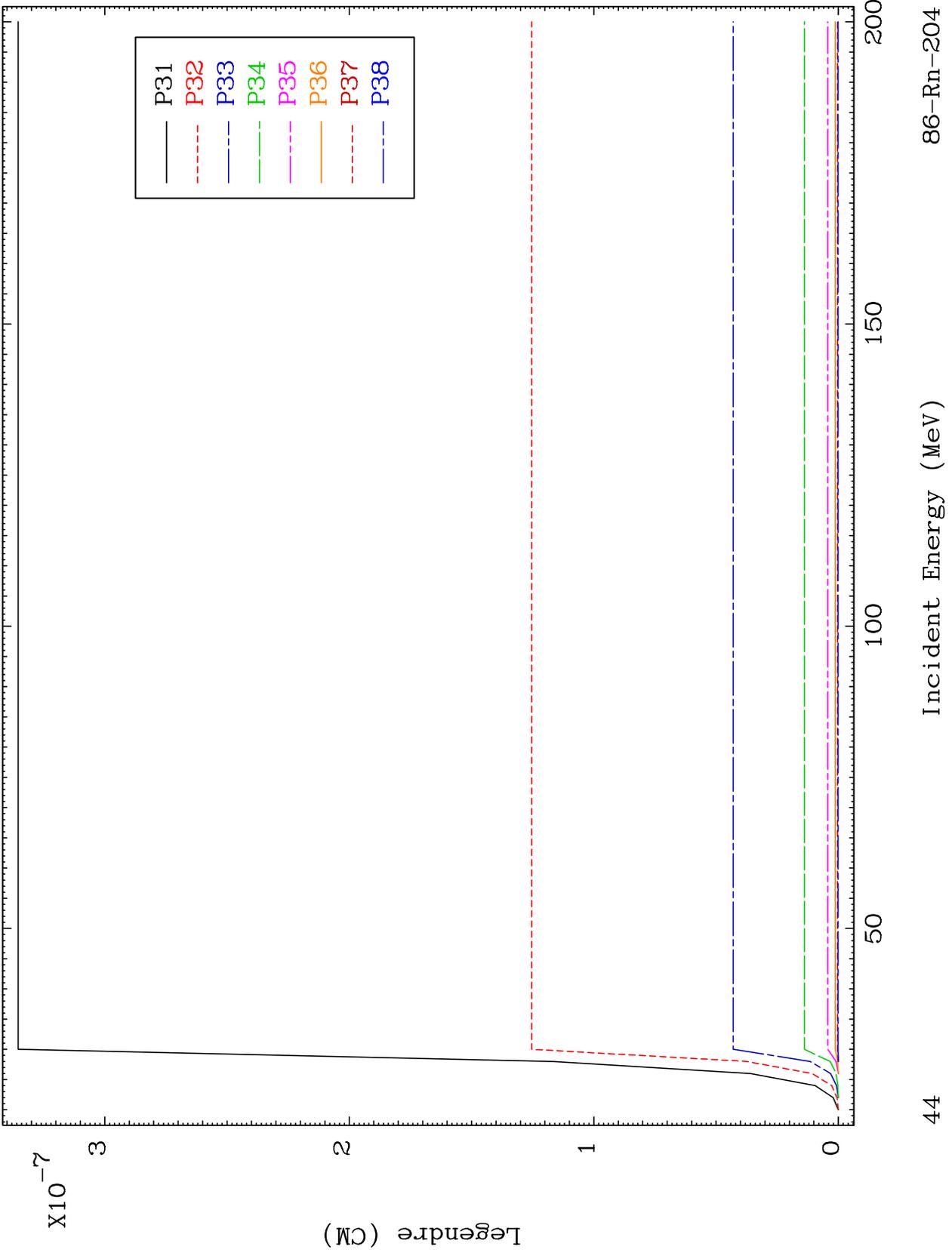
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MAT 8604

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

86-Rn-204



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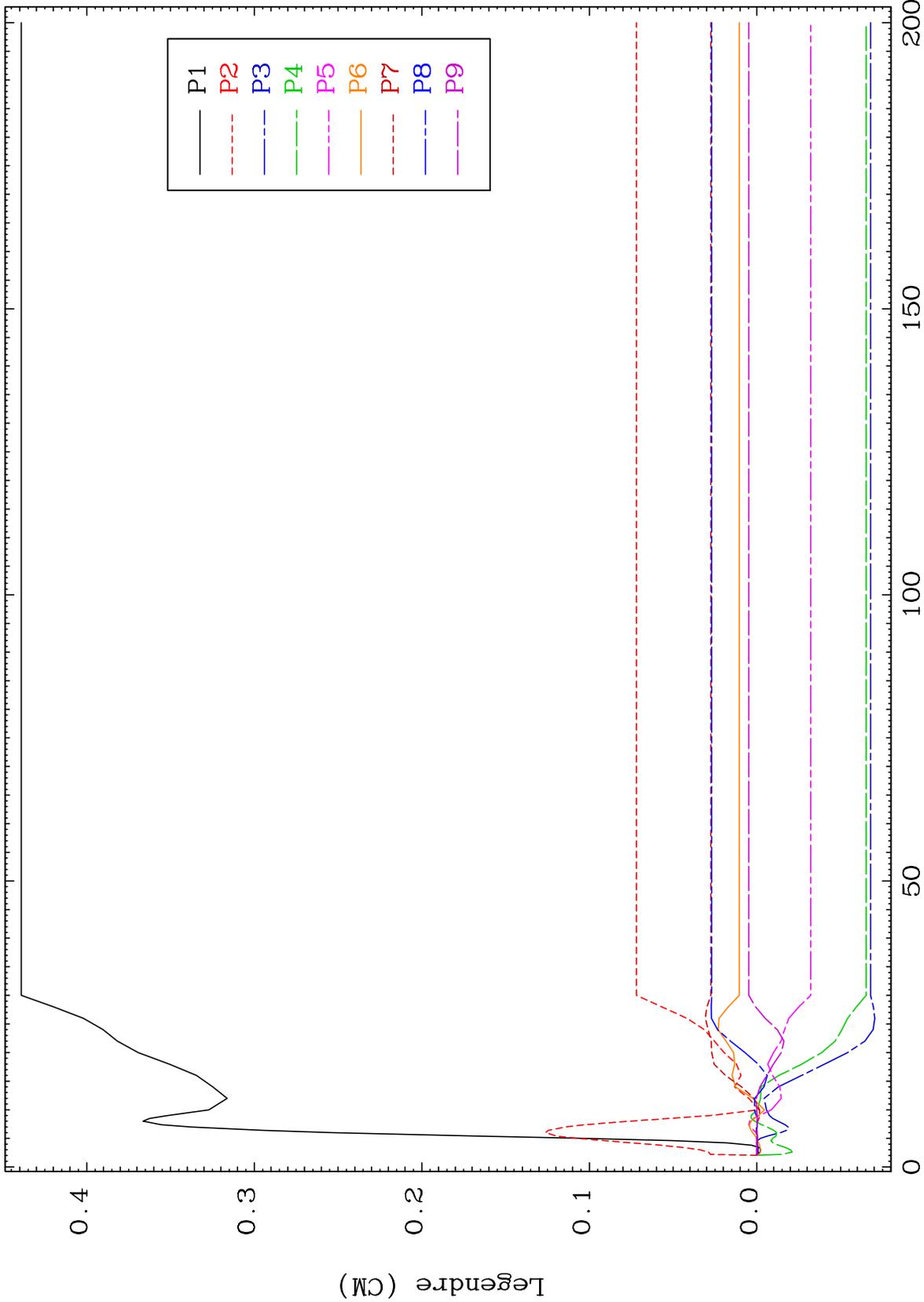
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



86-Rn-204

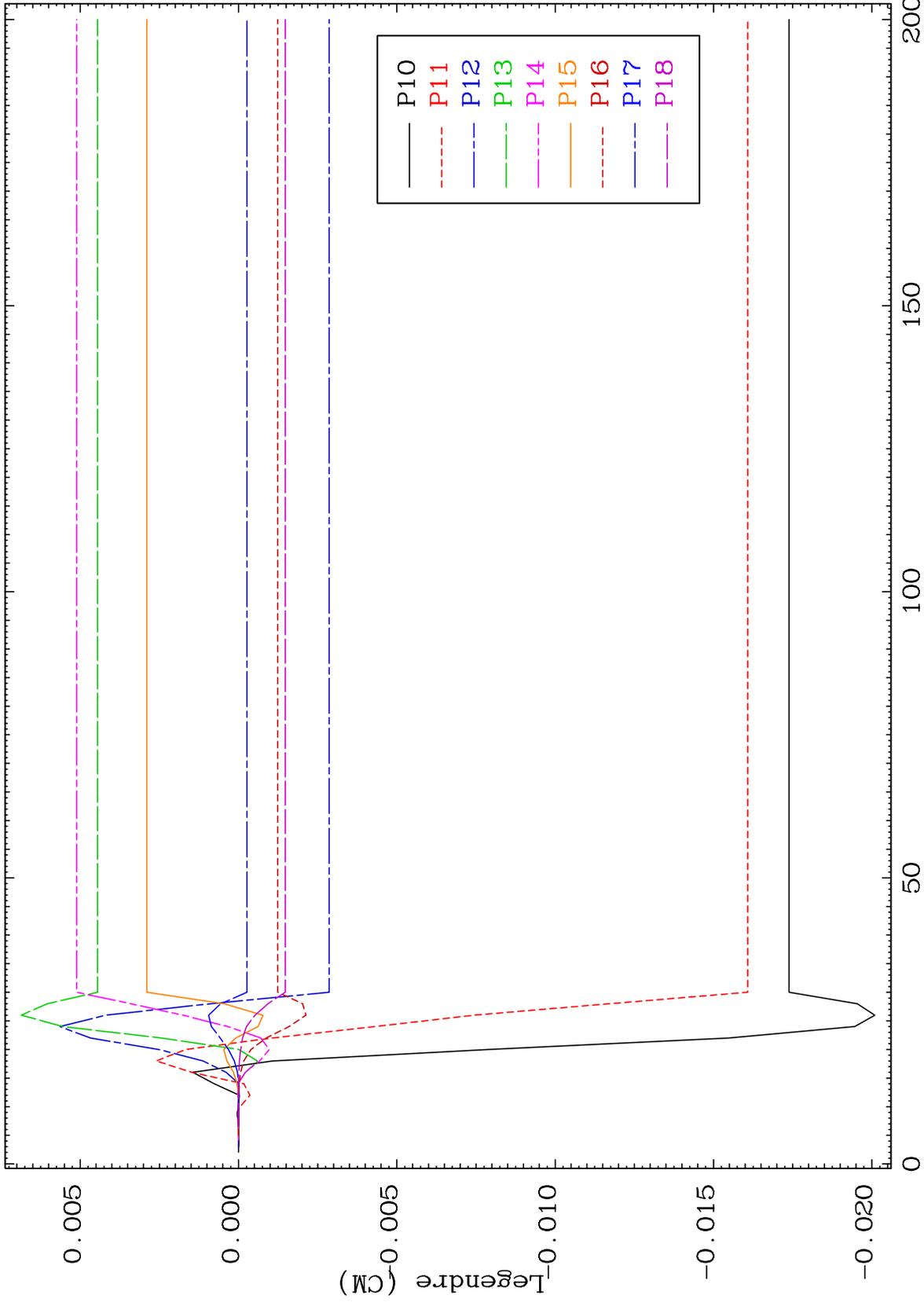
Incident Energy (MeV)

45

MAT 8604

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

86-Rn-204



46

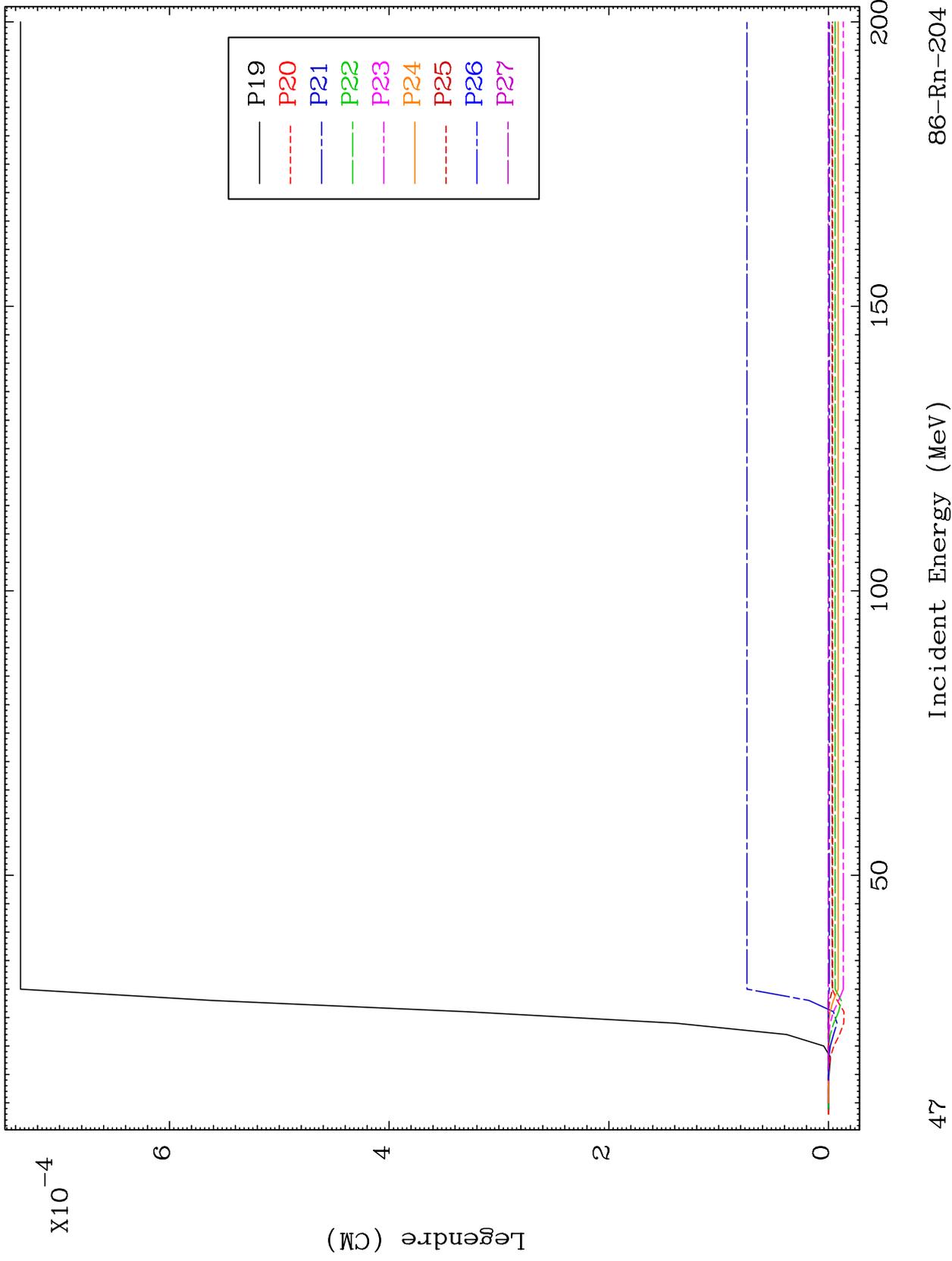
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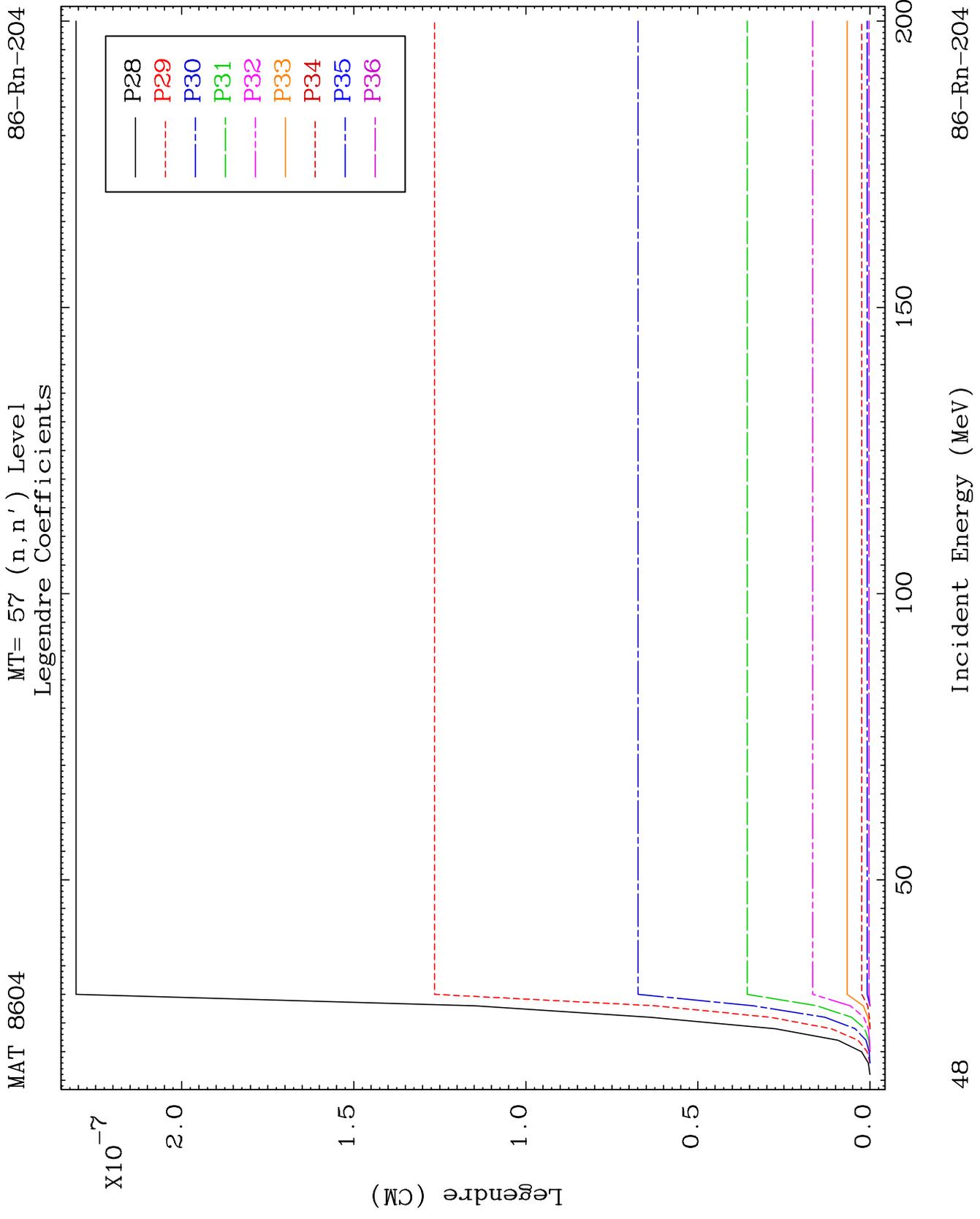
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MAT 8604

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

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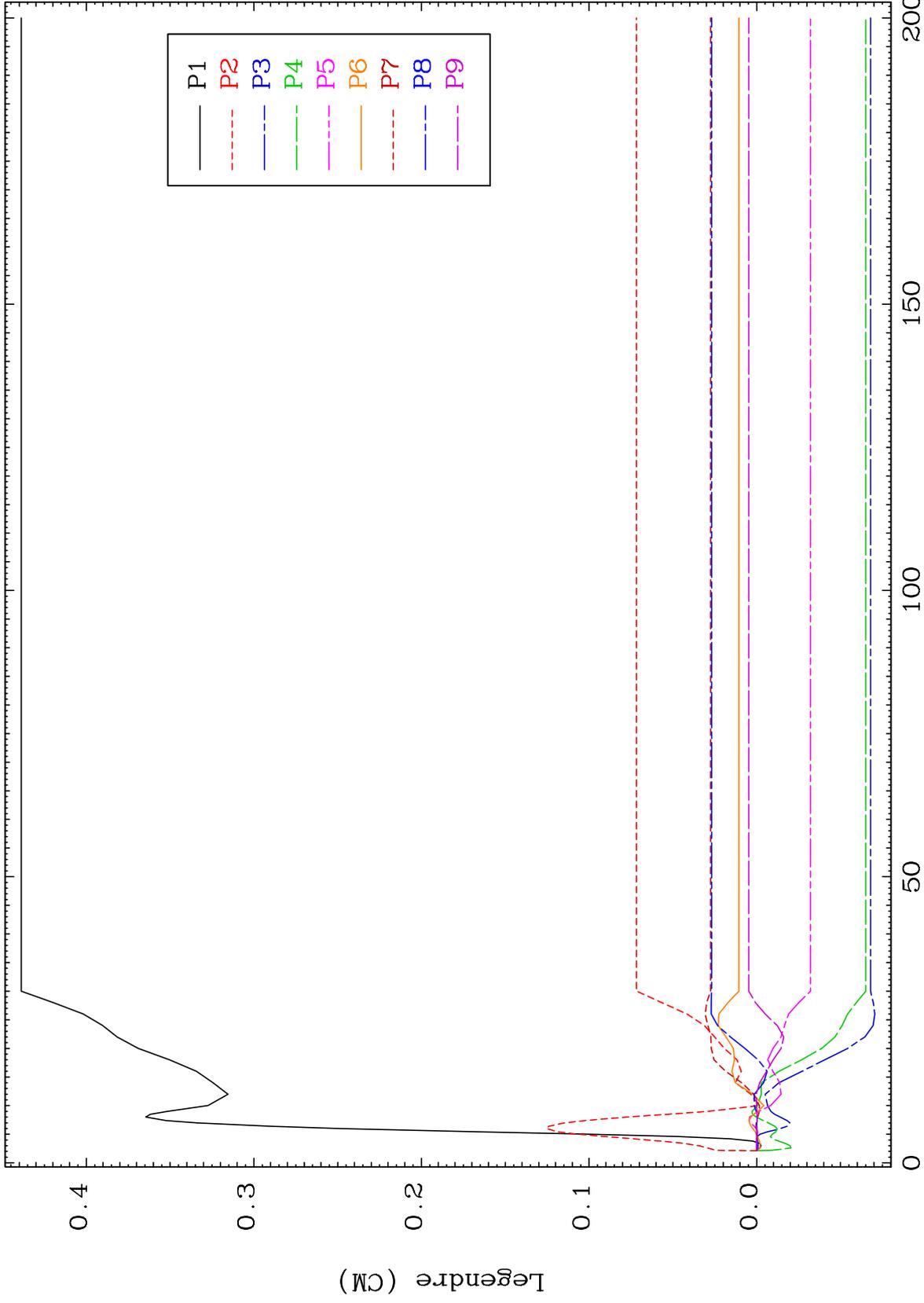




MAT 8604

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

86-Rn-204



49

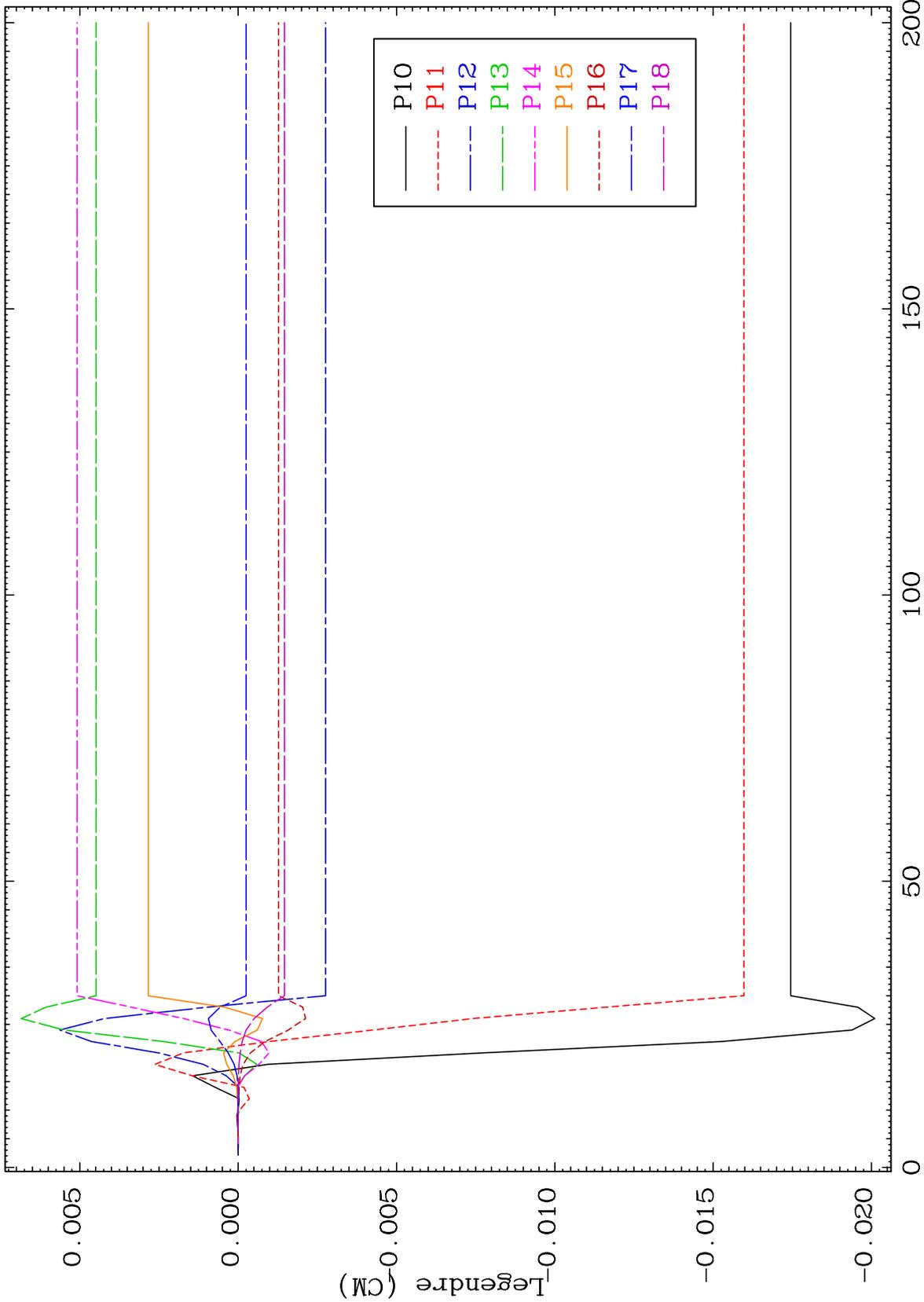
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



50

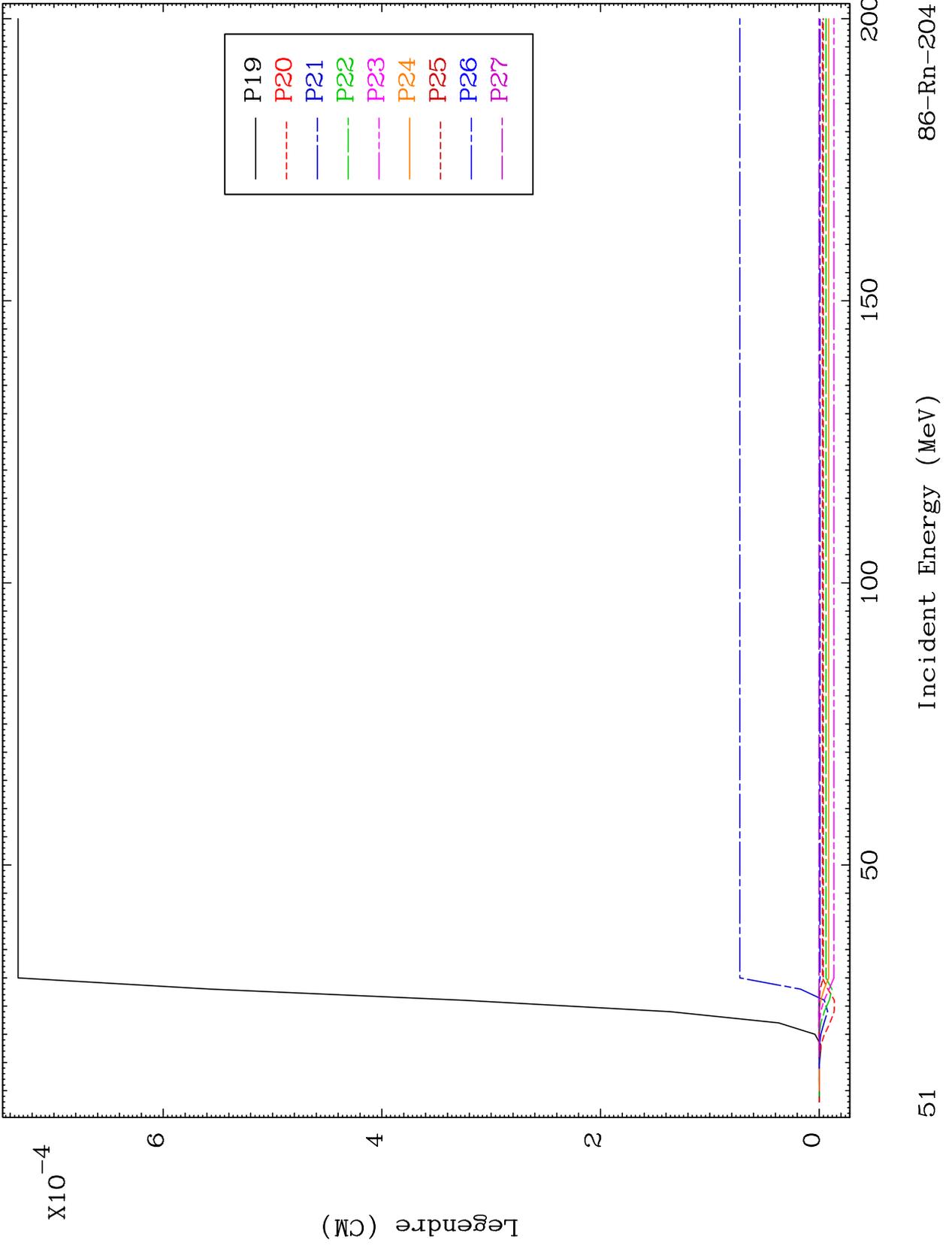
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



51

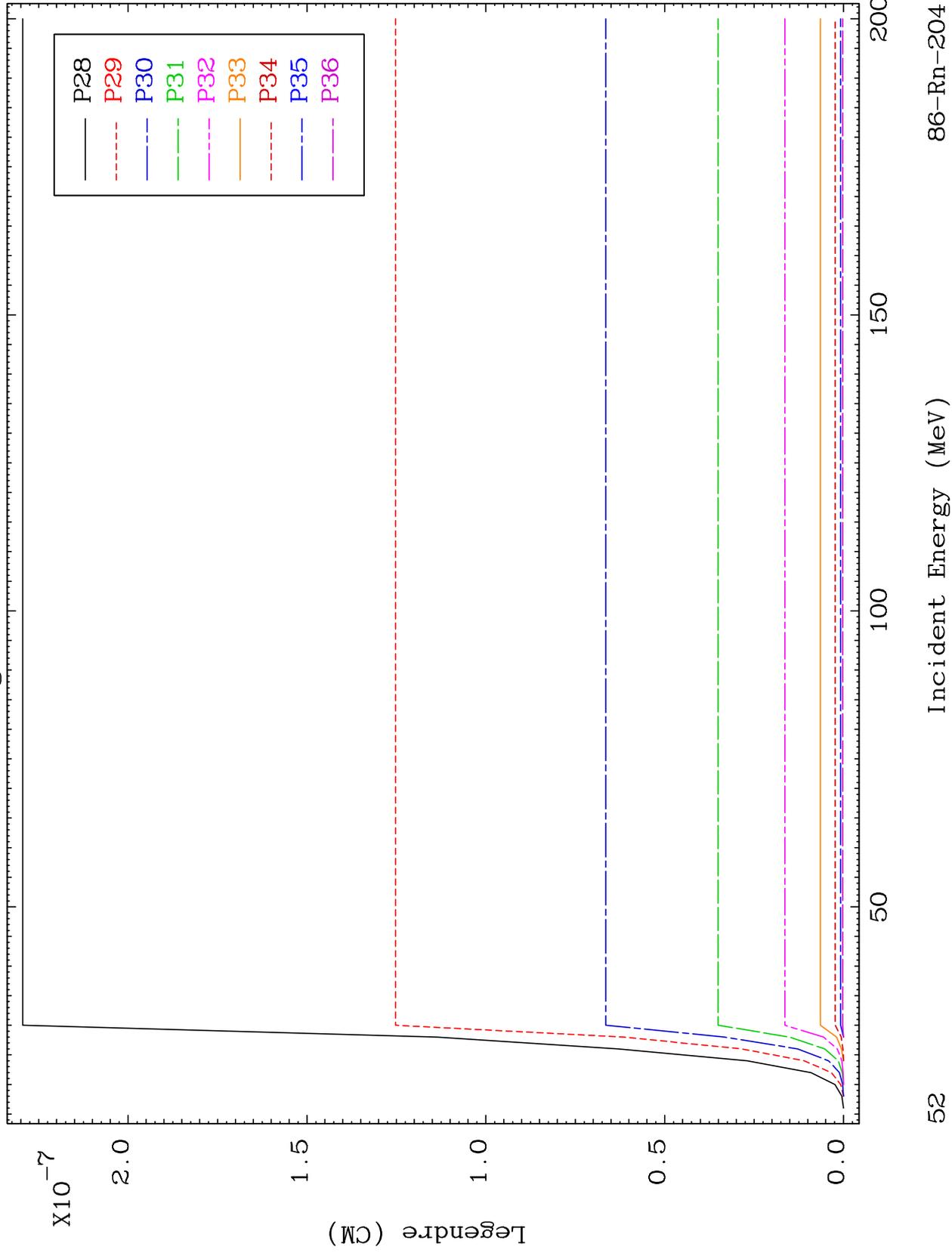
Incident Energy (MeV)

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MAT 8604

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

86-Rn-204



52

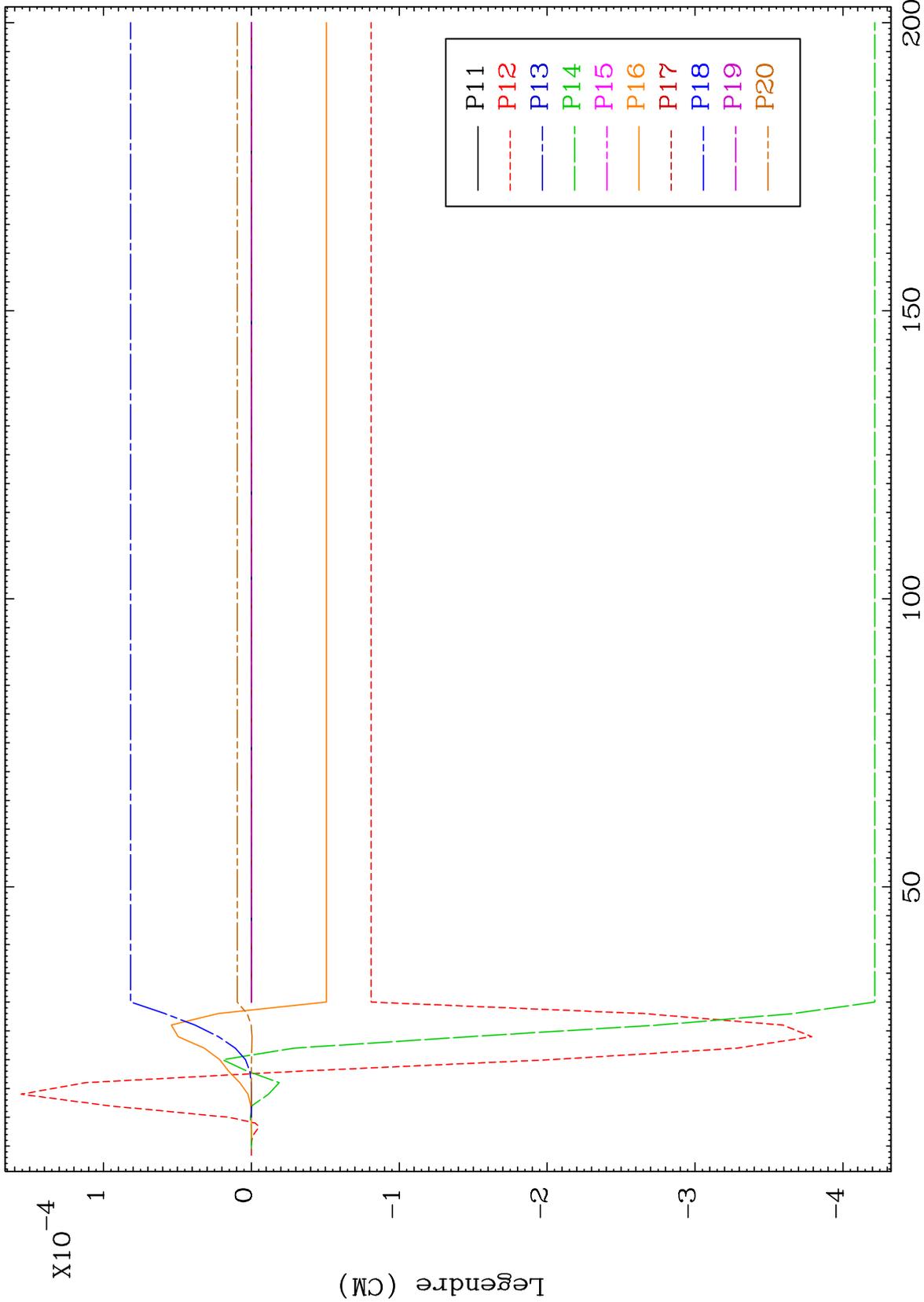
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

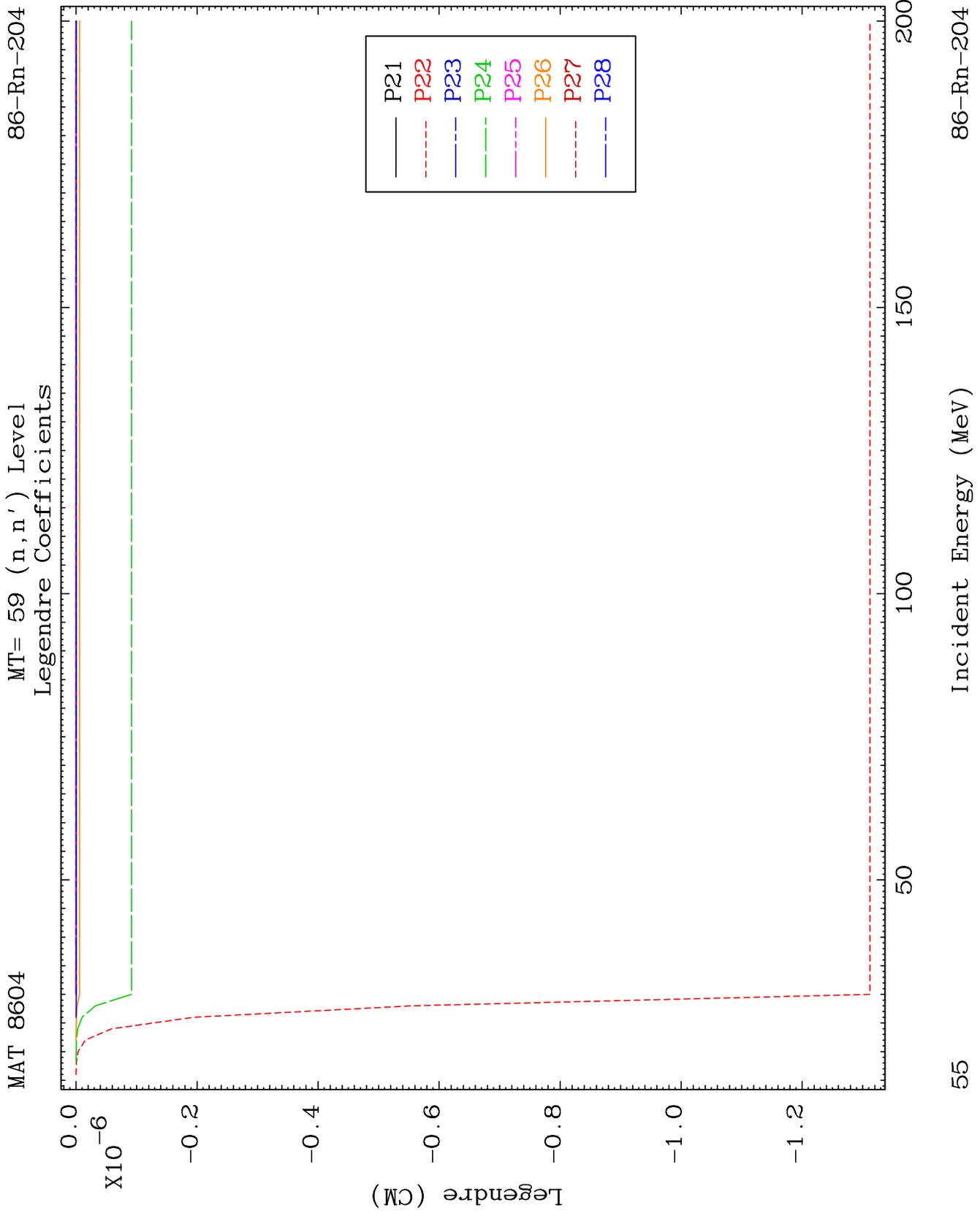
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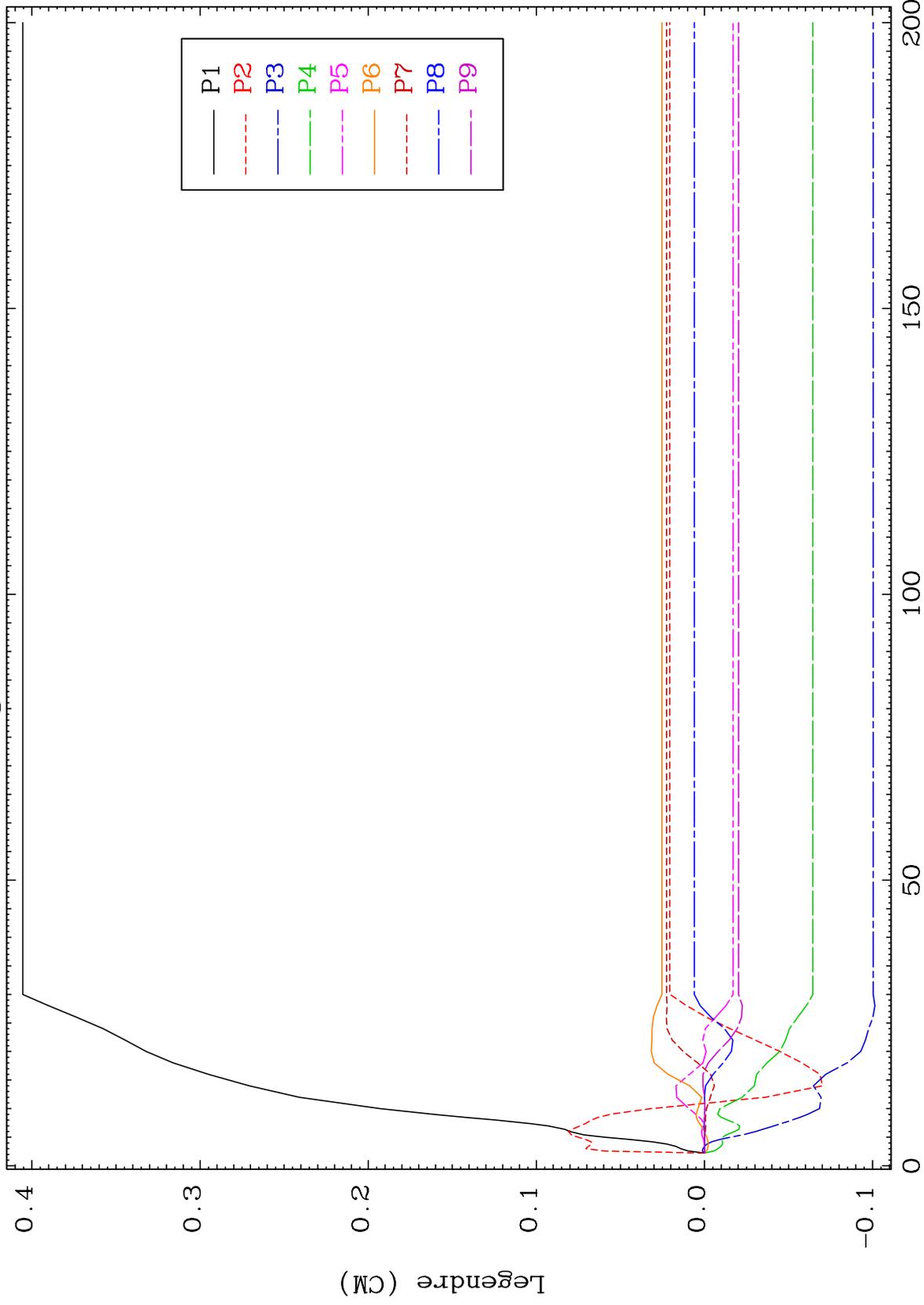
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MAT 8604

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

86-Rn-204



56

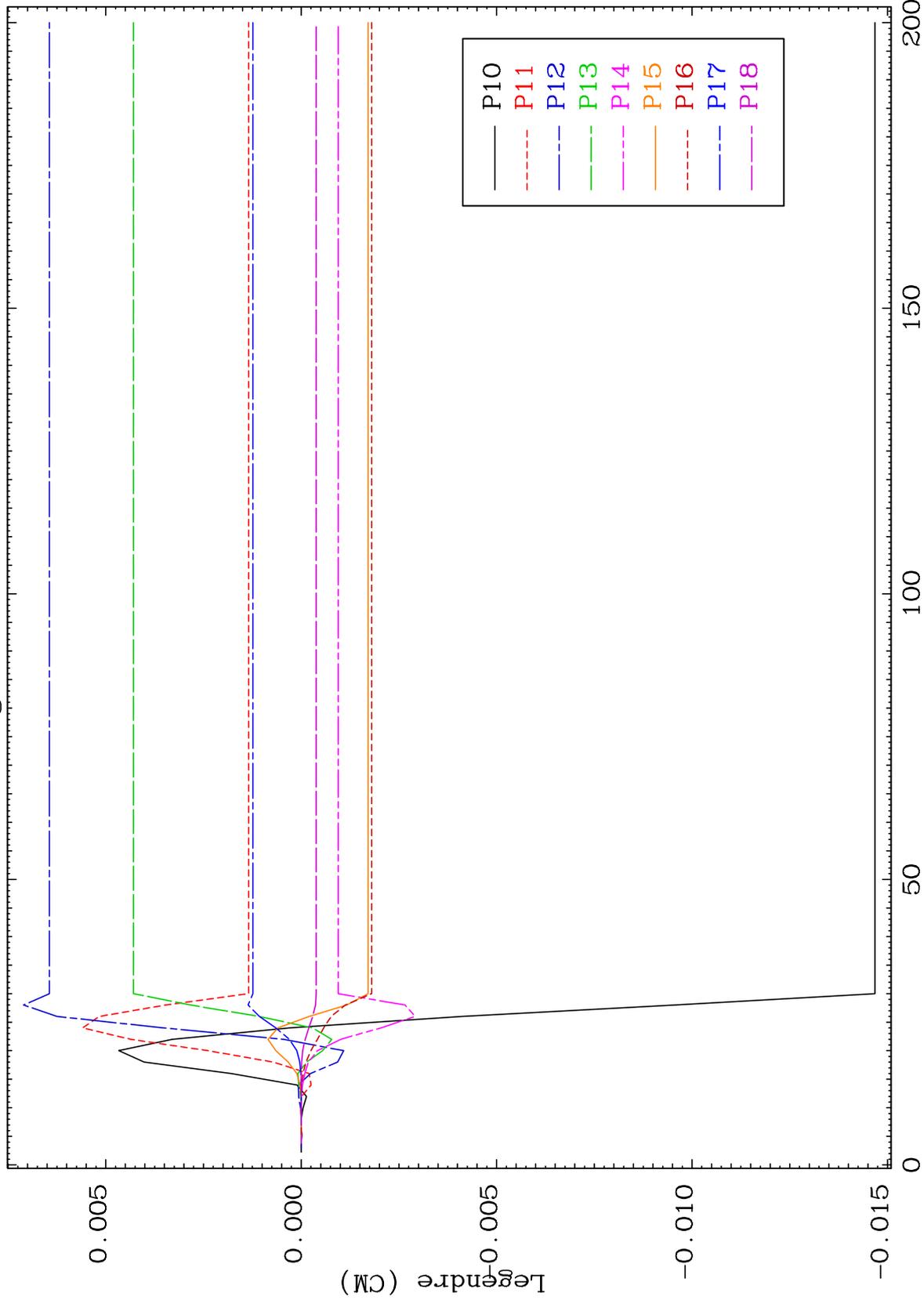
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



57

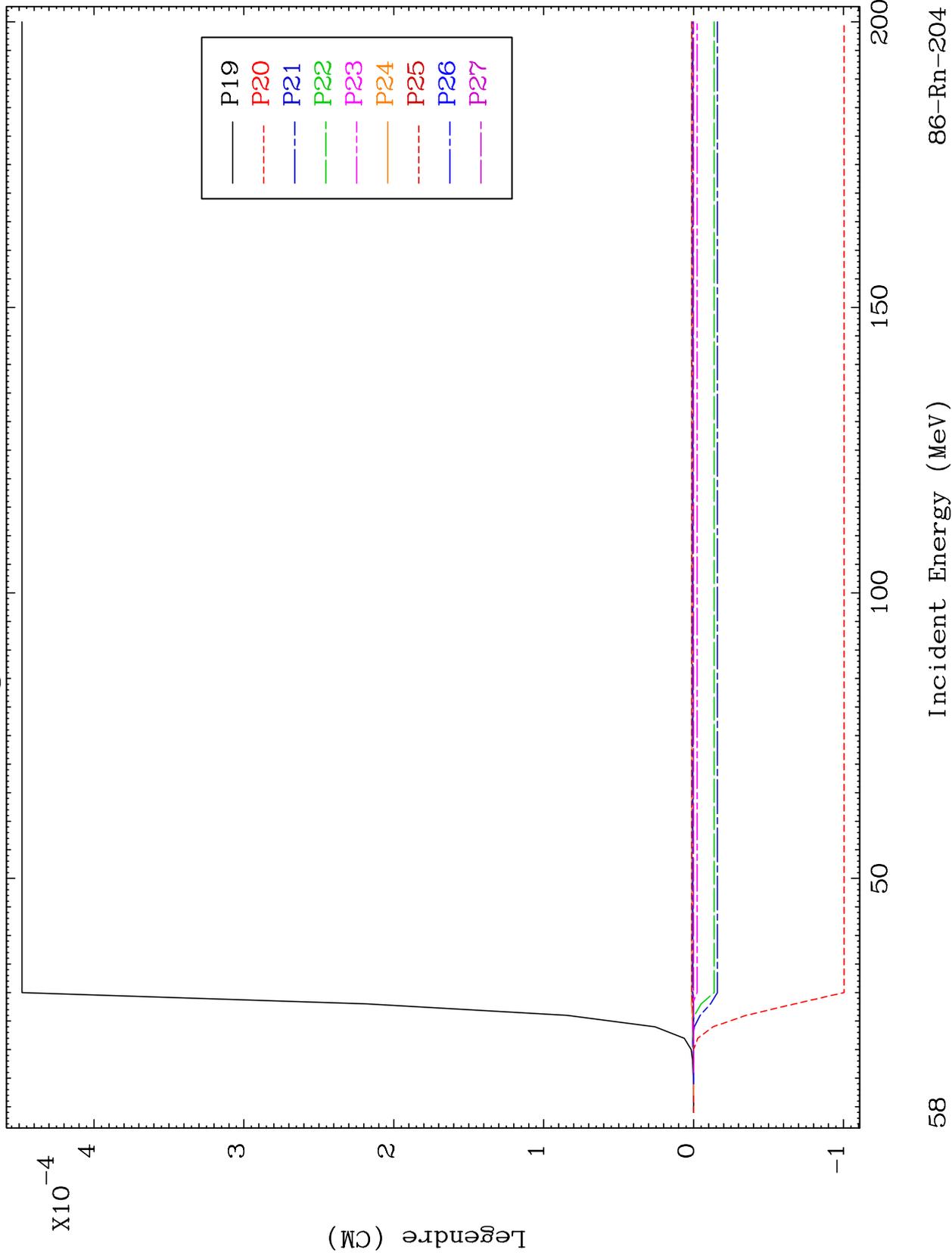
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



58

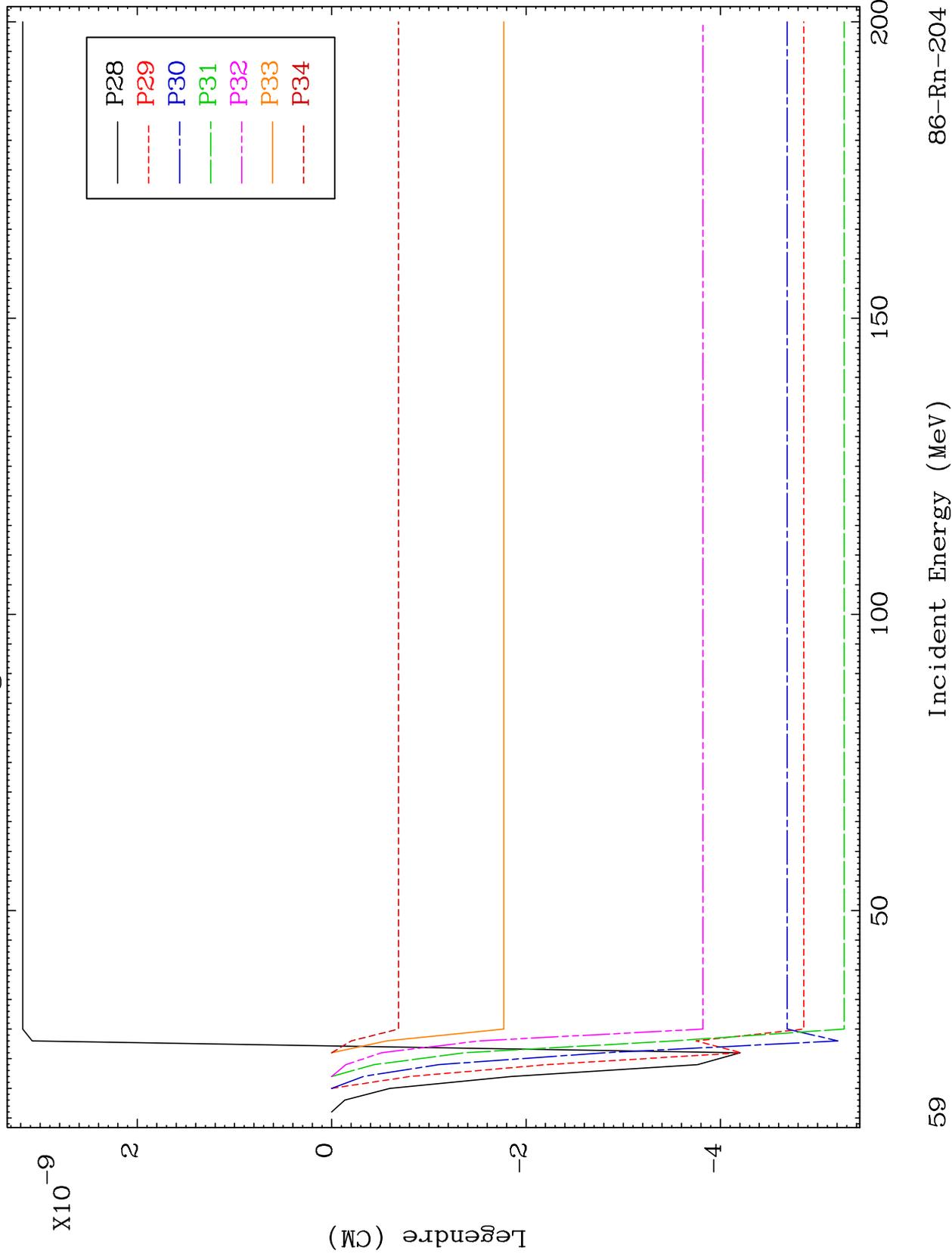
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



59

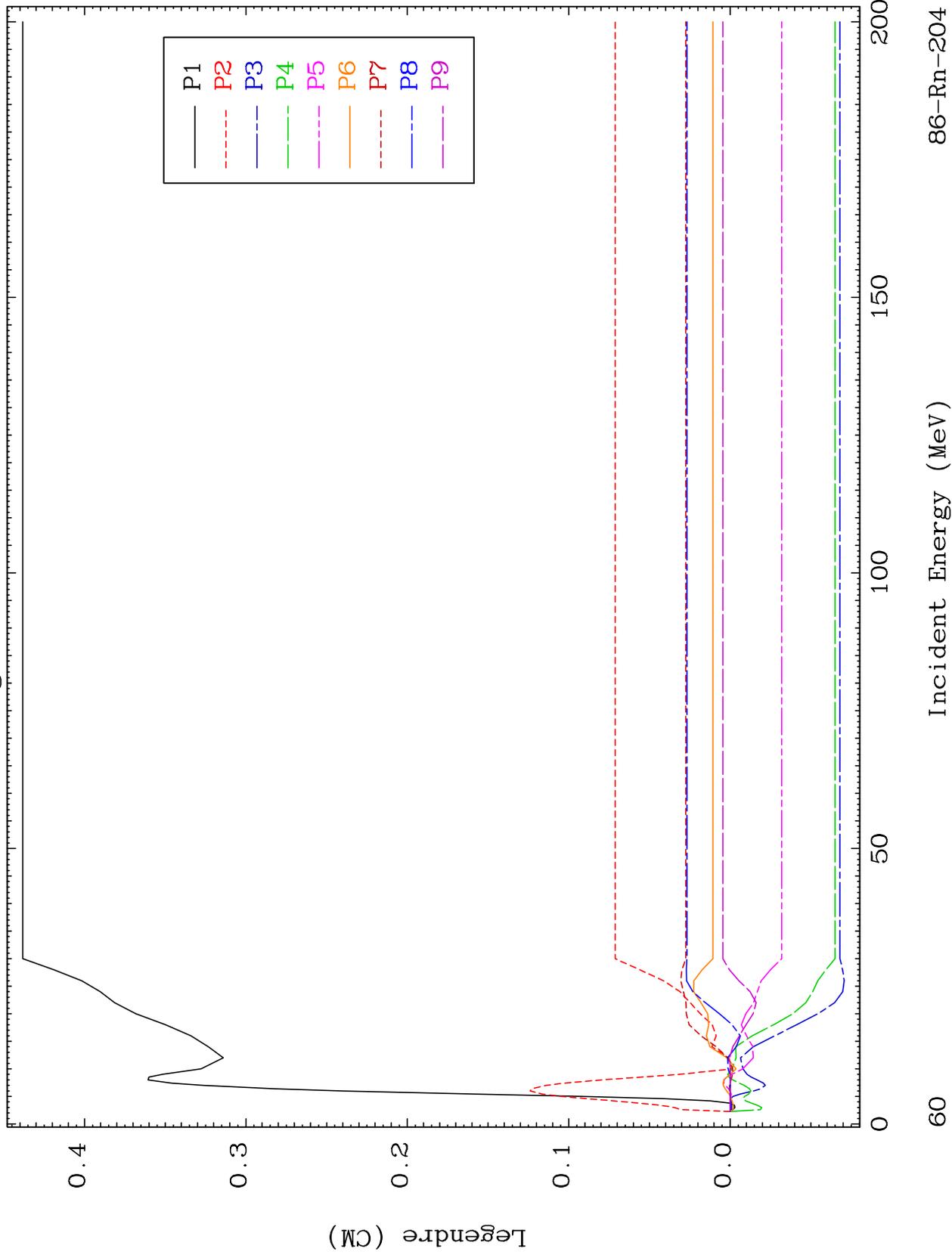
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



86-Rn-204

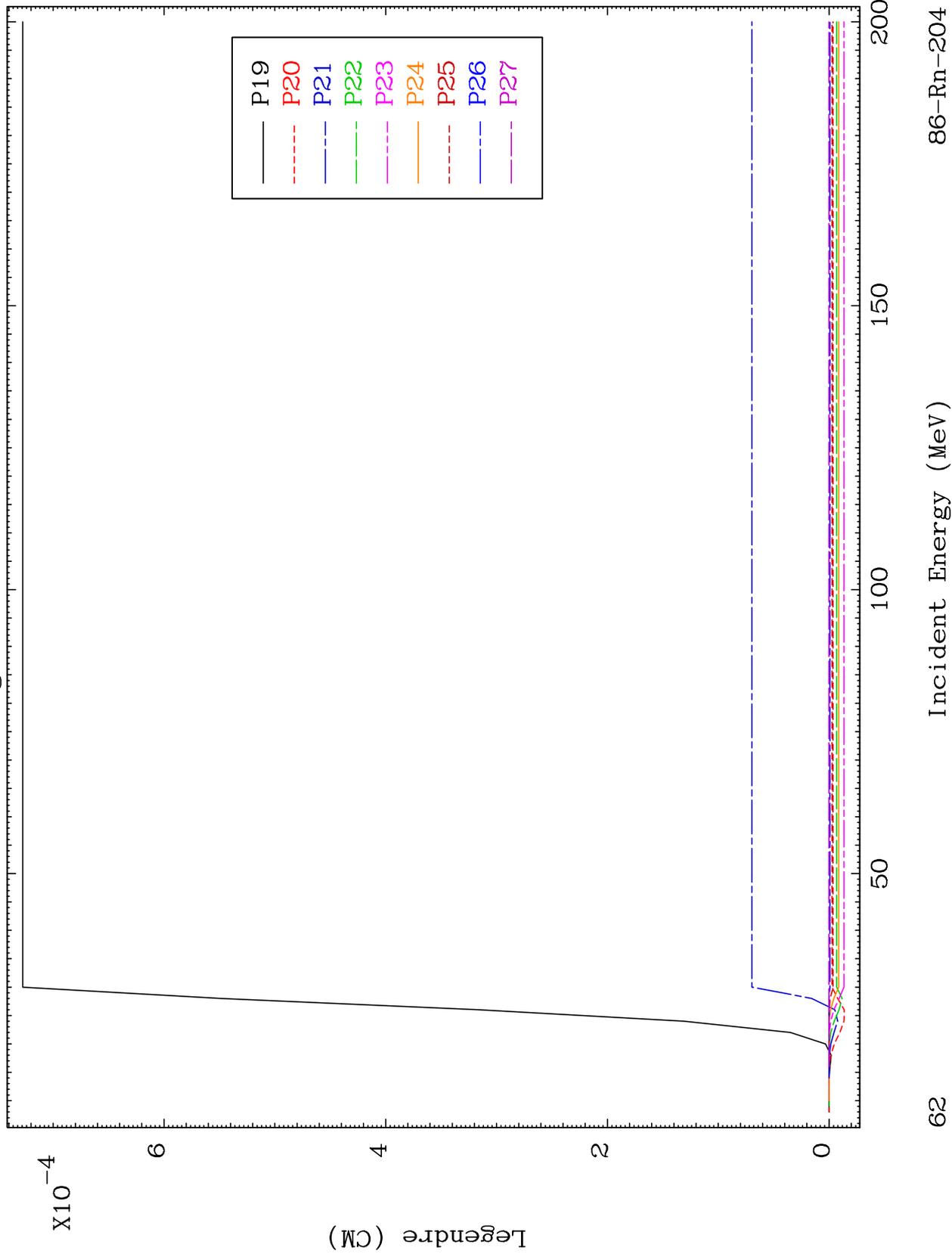
Incident Energy (MeV)

60

MAT 8604

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

86-Rn-204



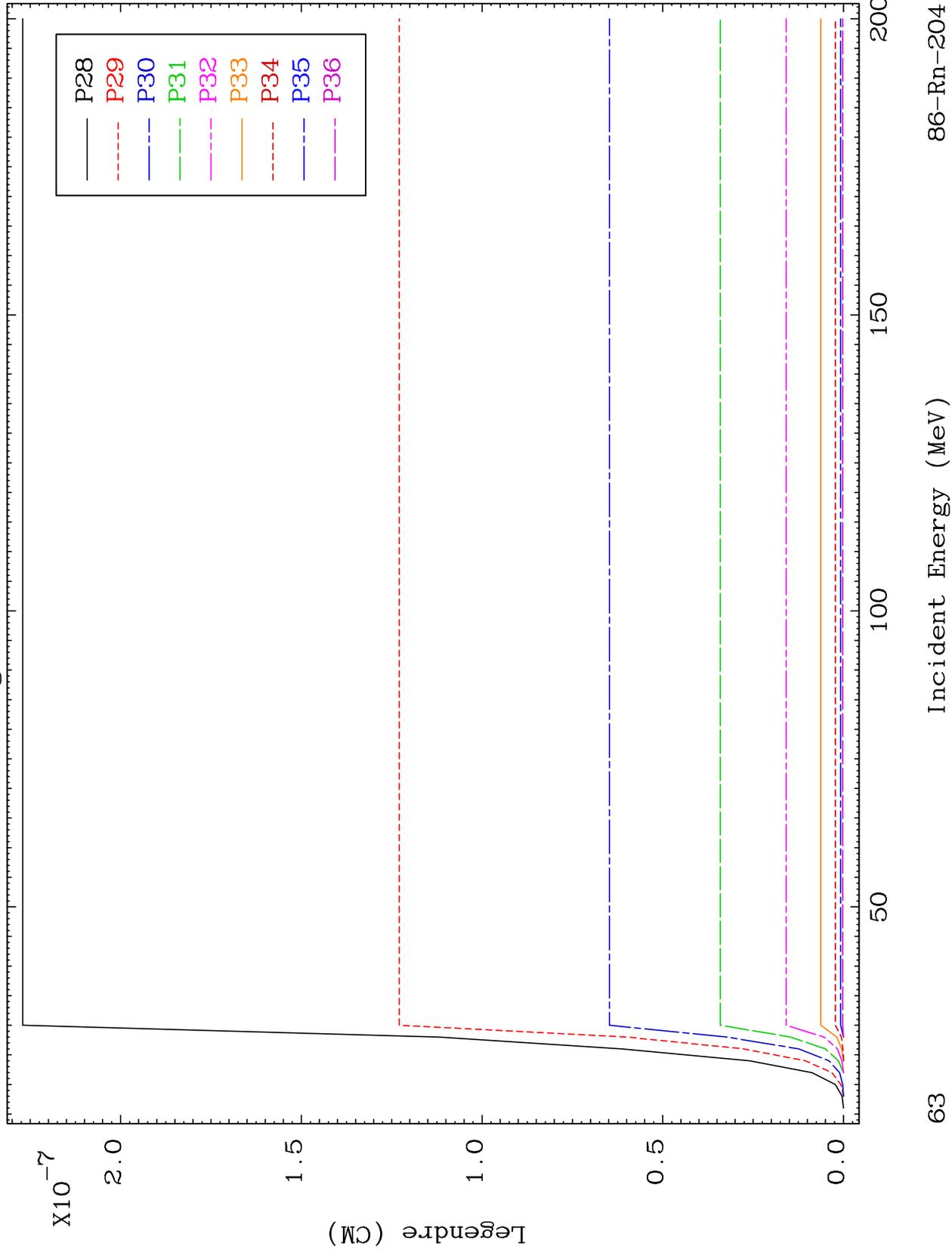
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86-Rn-204

MAT 8604

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

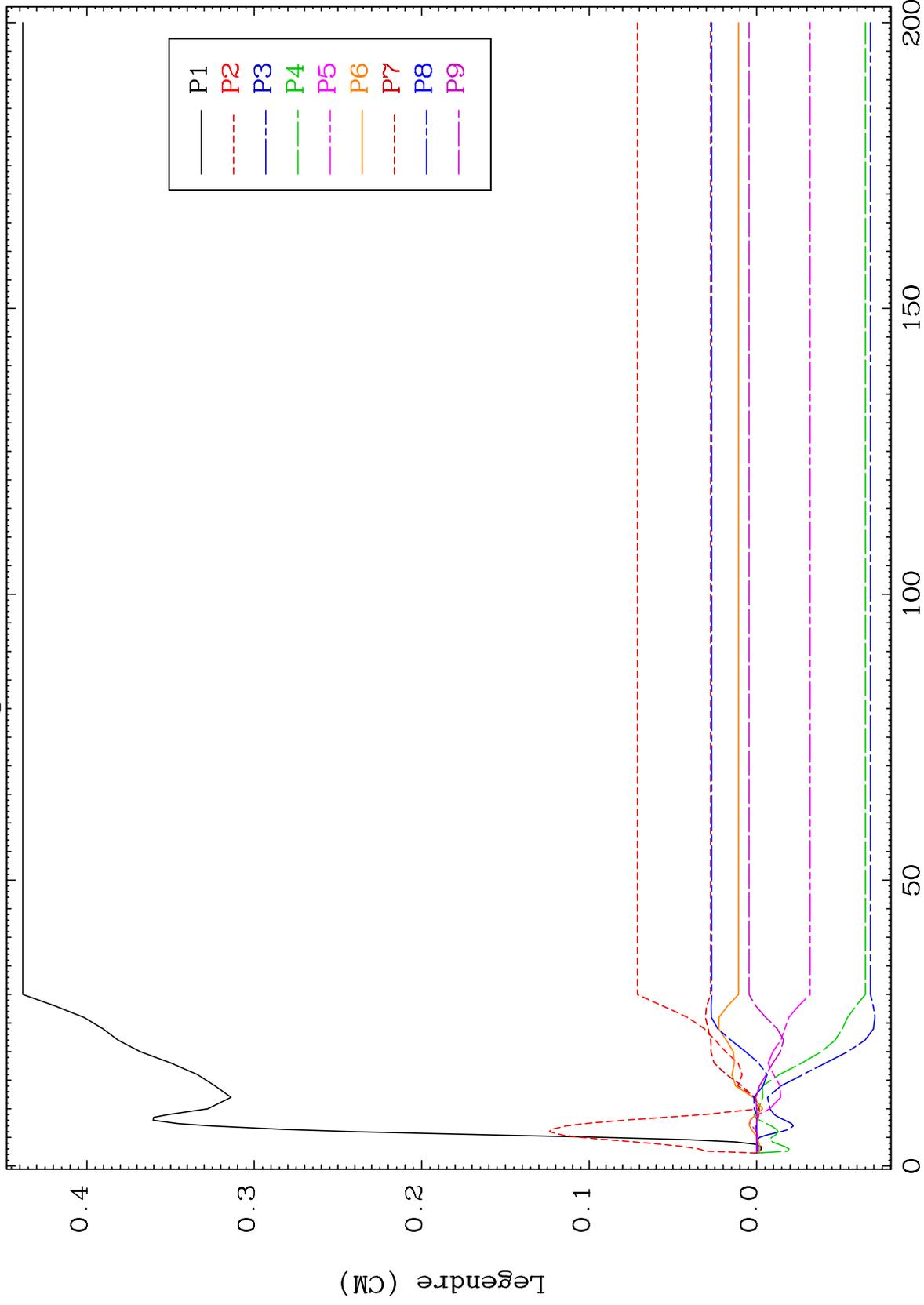
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MAT 8604

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

86-Rn-204



64

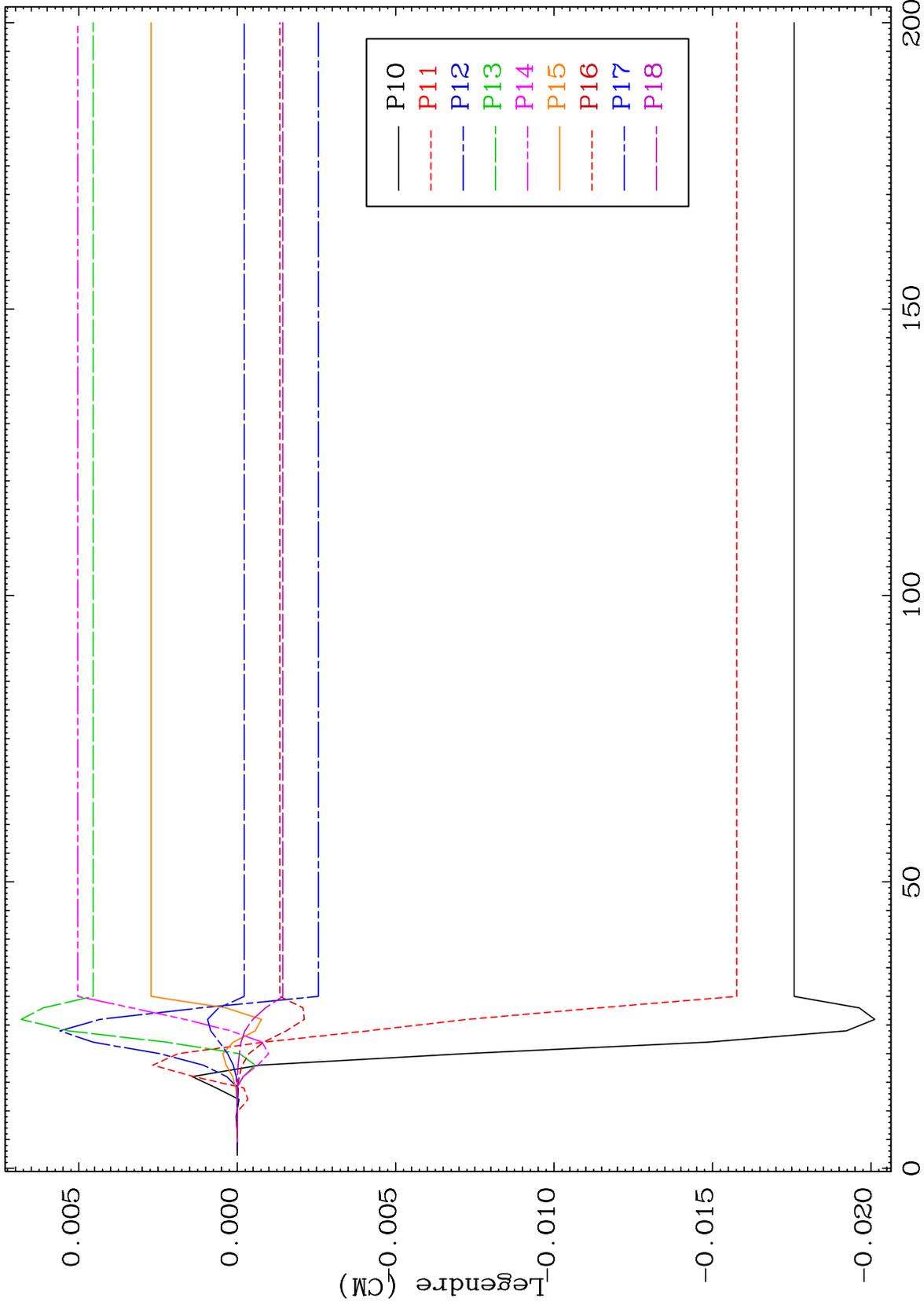
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86-Rn-204

MAT 8604

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

86-Rn-204



65

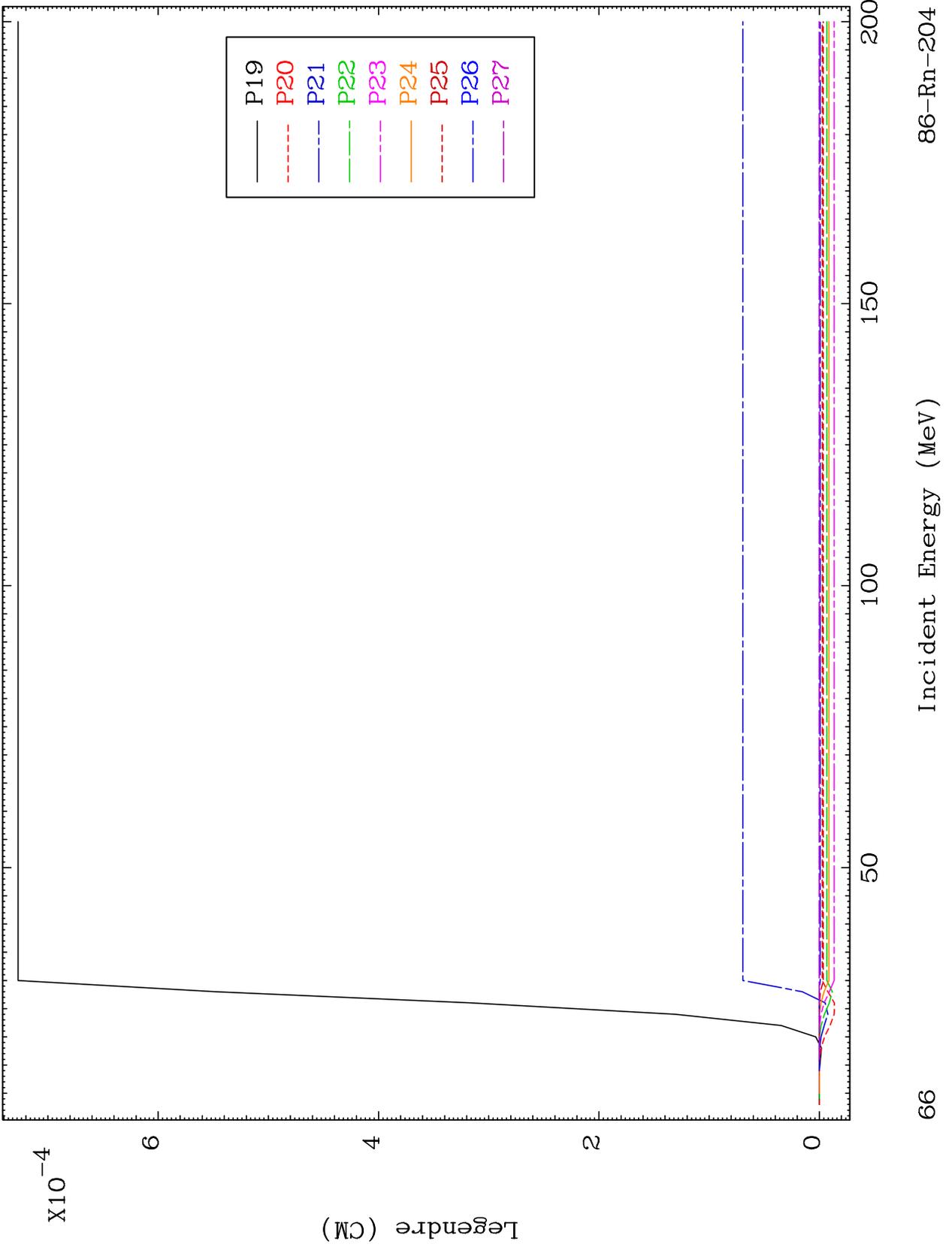
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



66

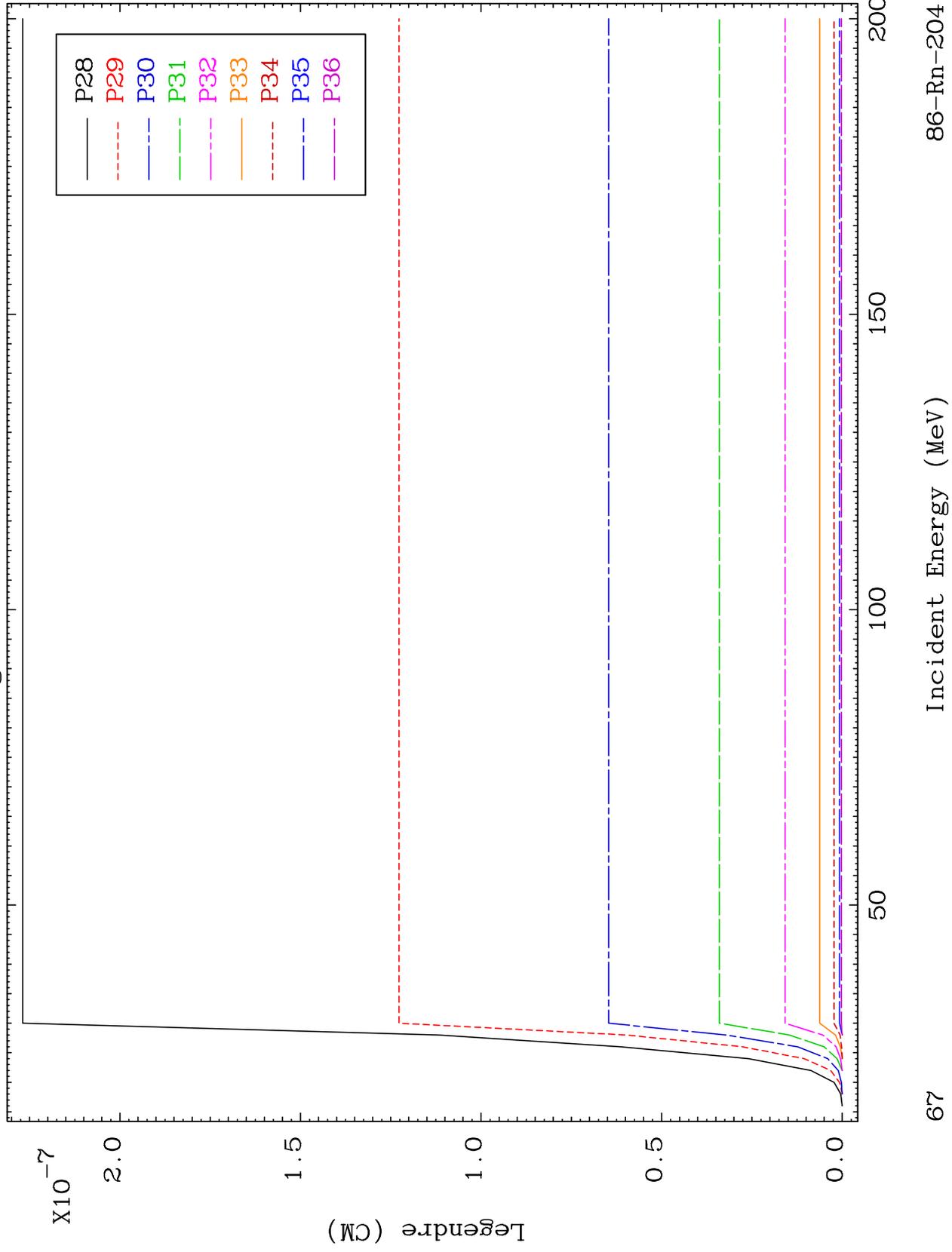
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



67

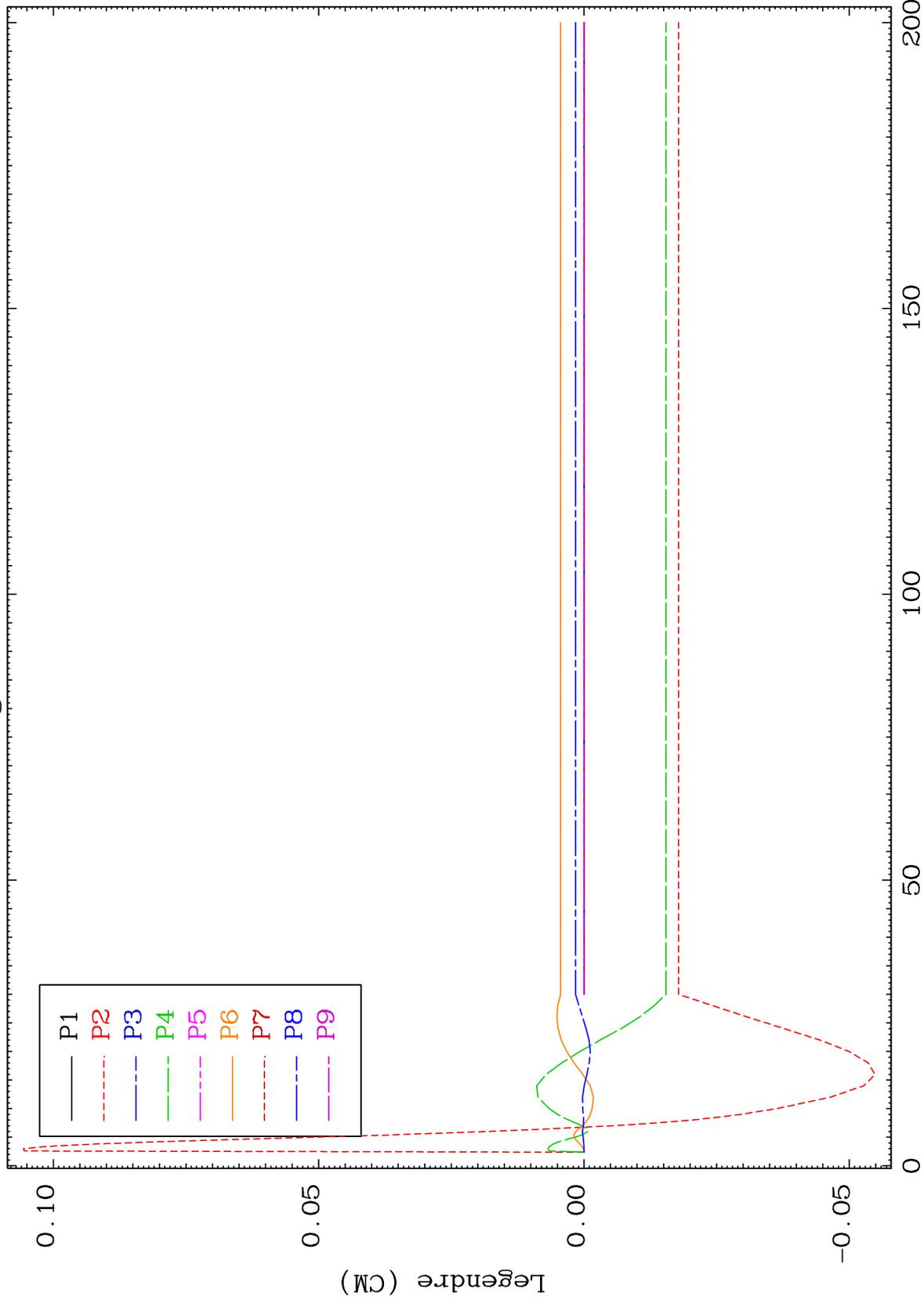
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



68

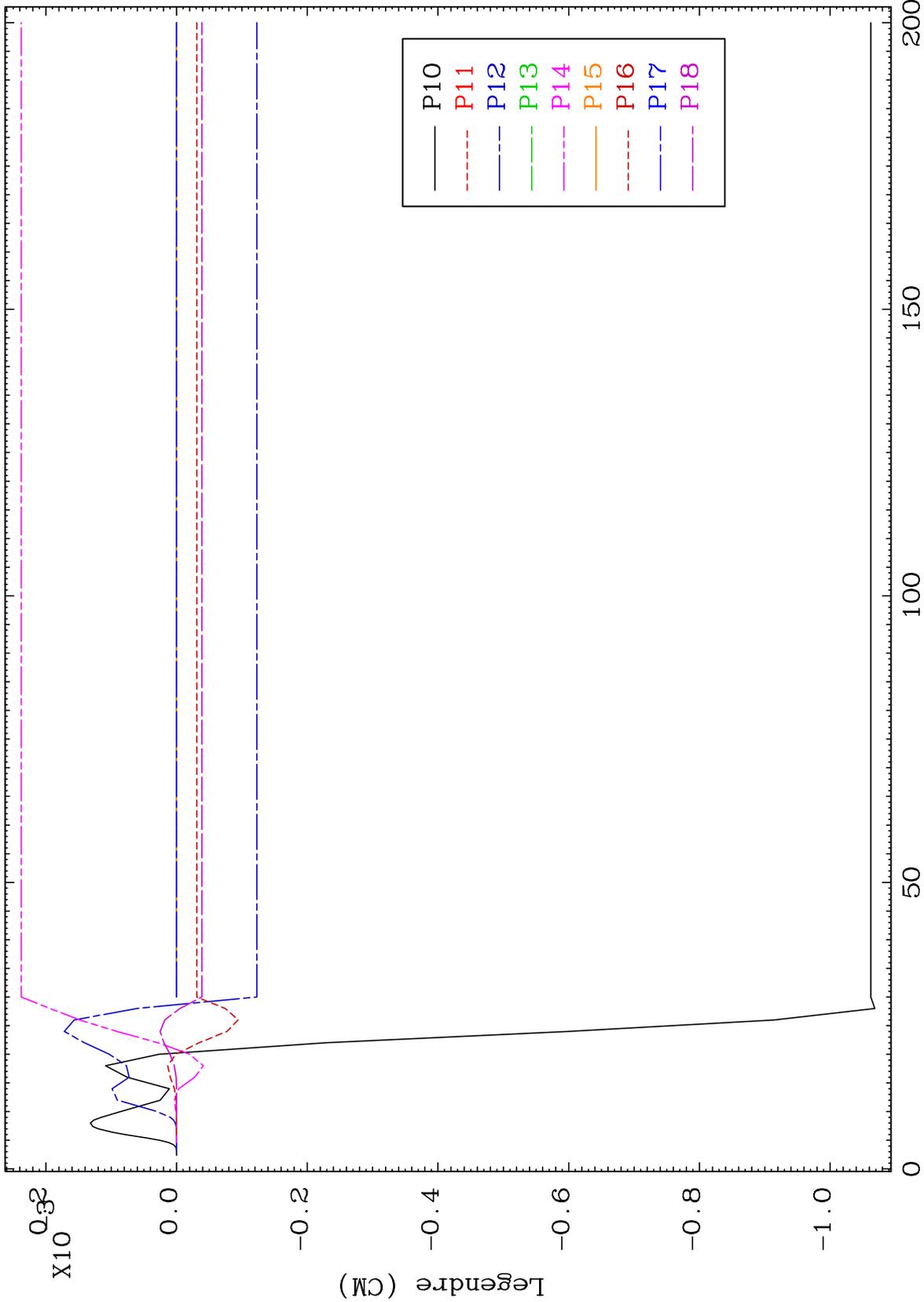
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

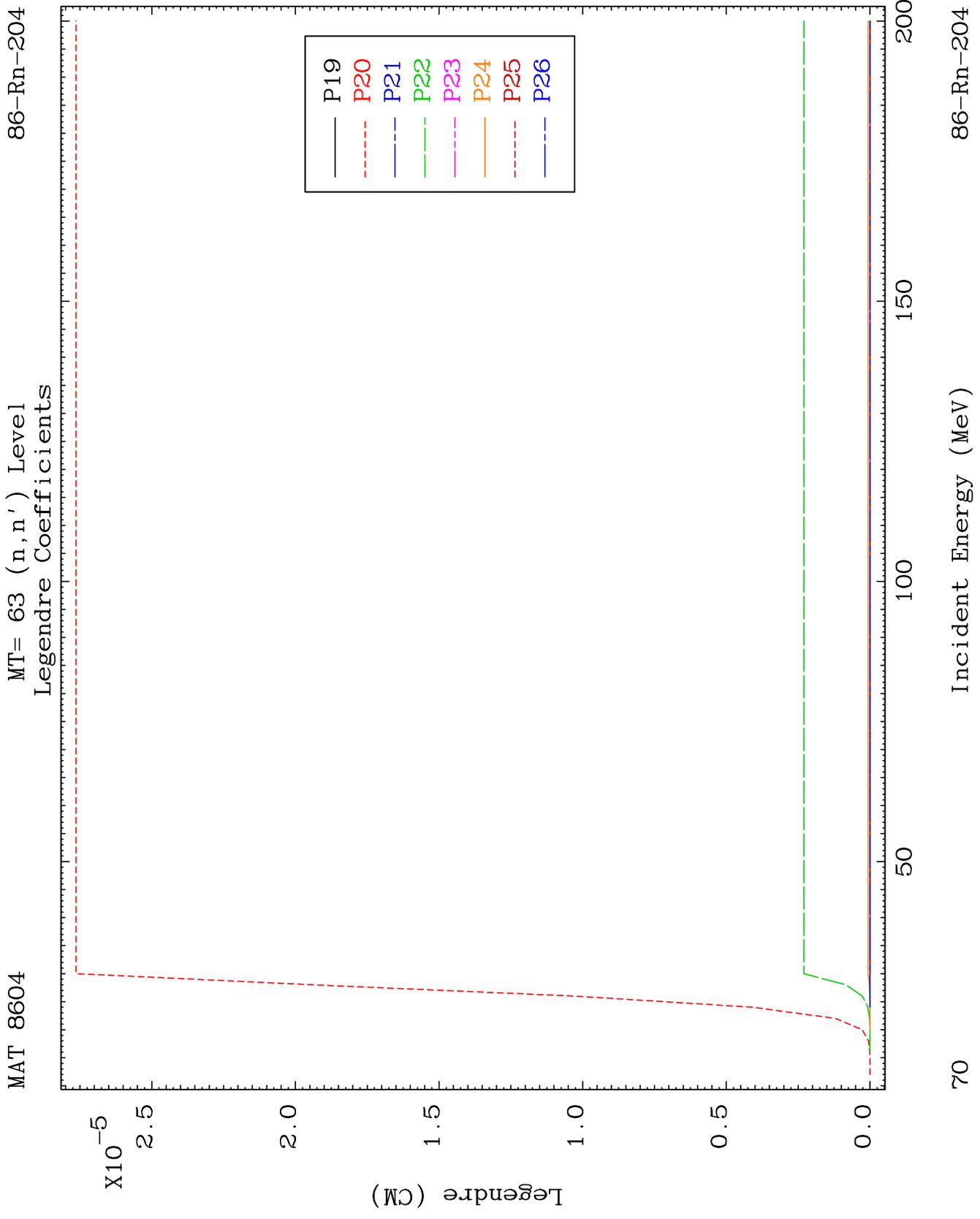
86-Rn-204



69

Incident Energy (MeV)

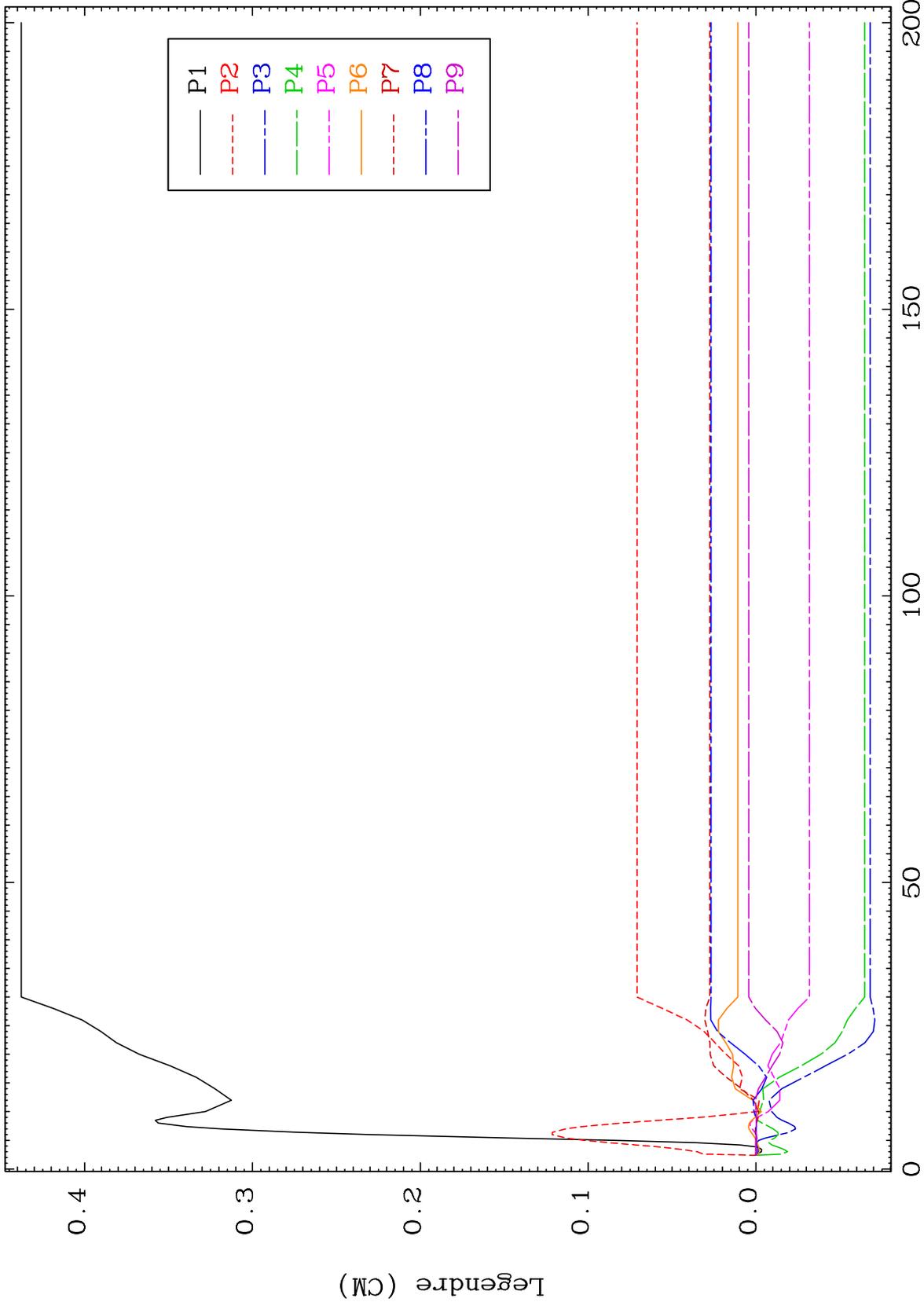
86-Rn-204



MAT 8604

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

86-Rn-204



71

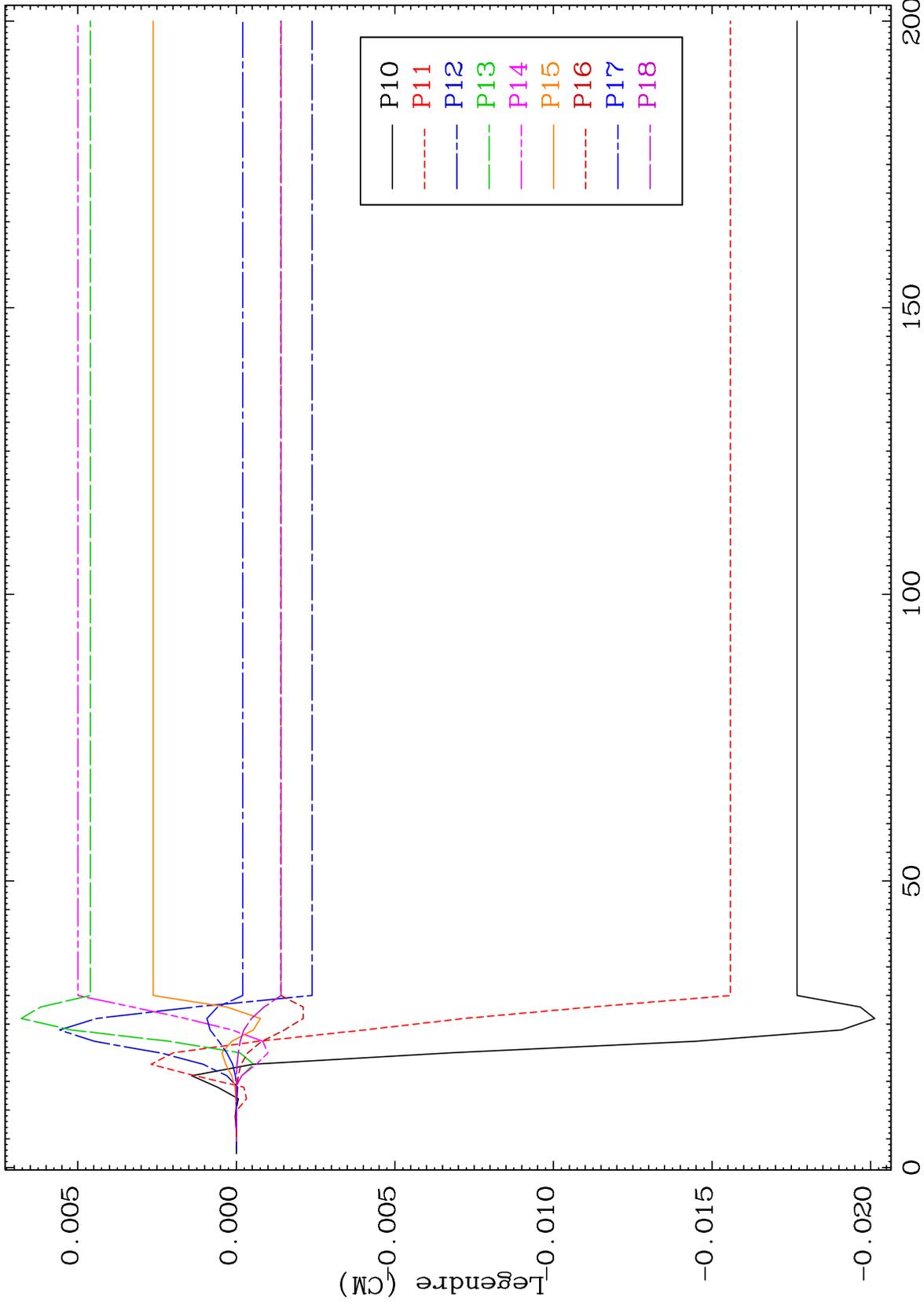
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



72

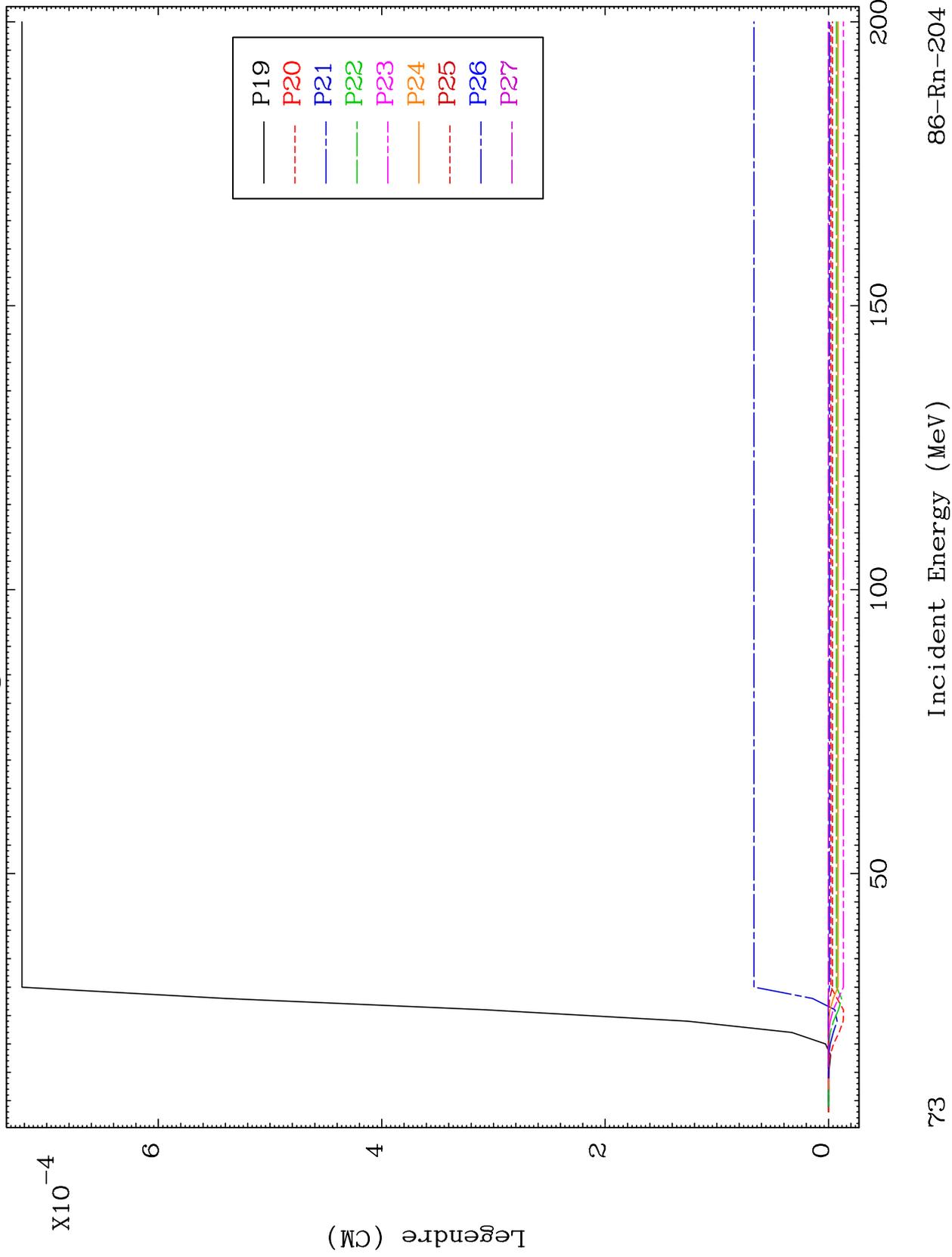
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

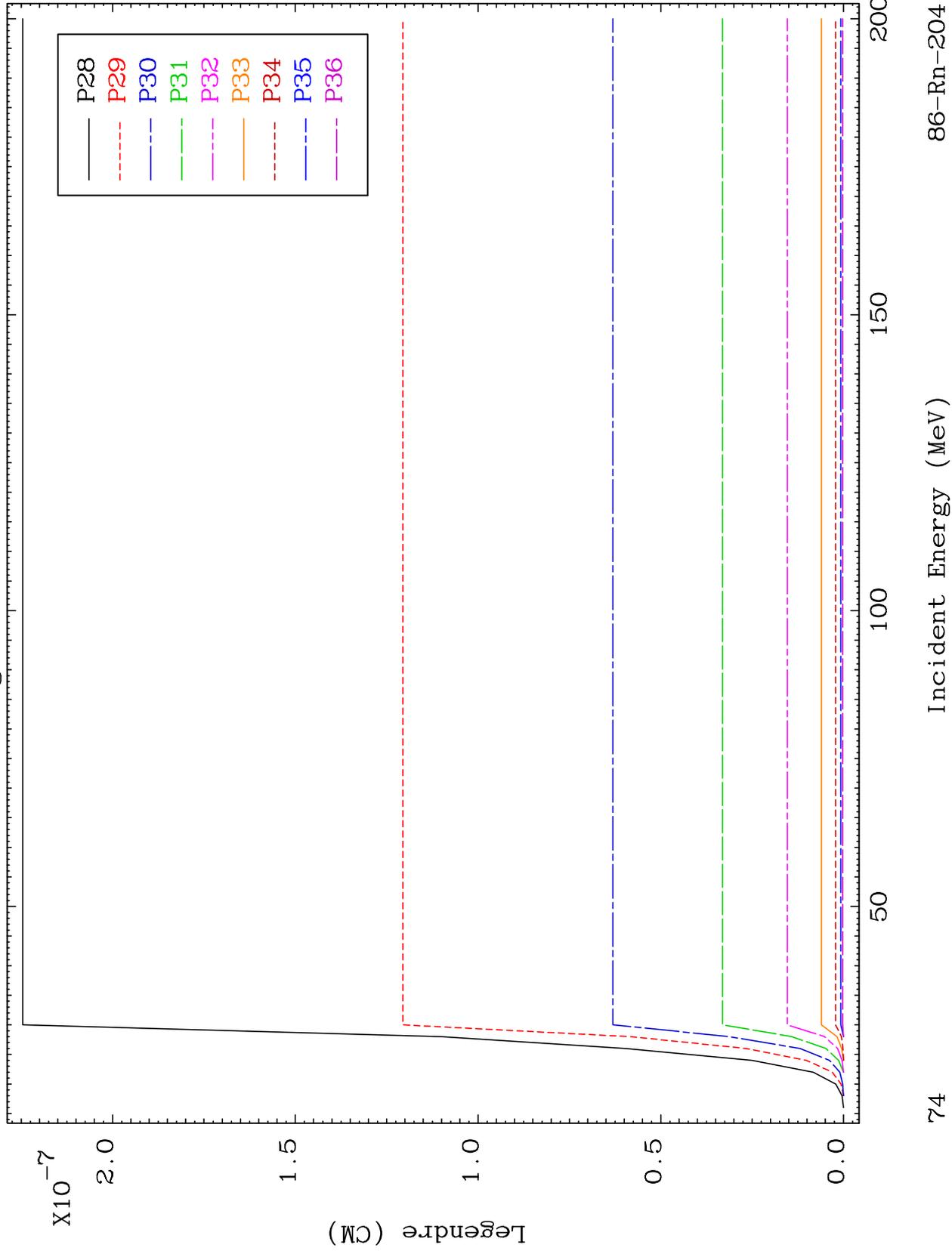
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MAT 8604

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

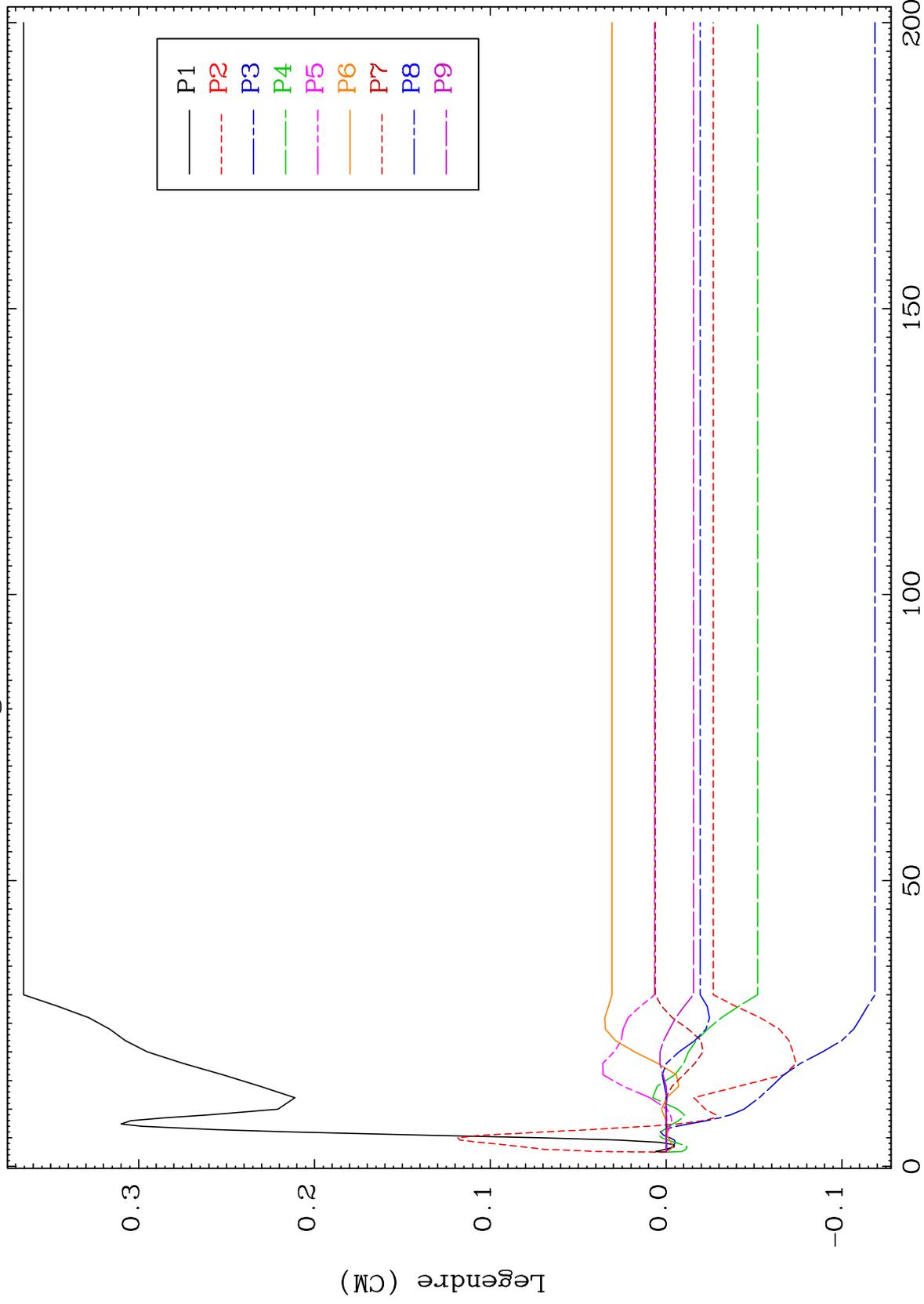
86-Rn-204



MAT 8604

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

86-Rn-204



75

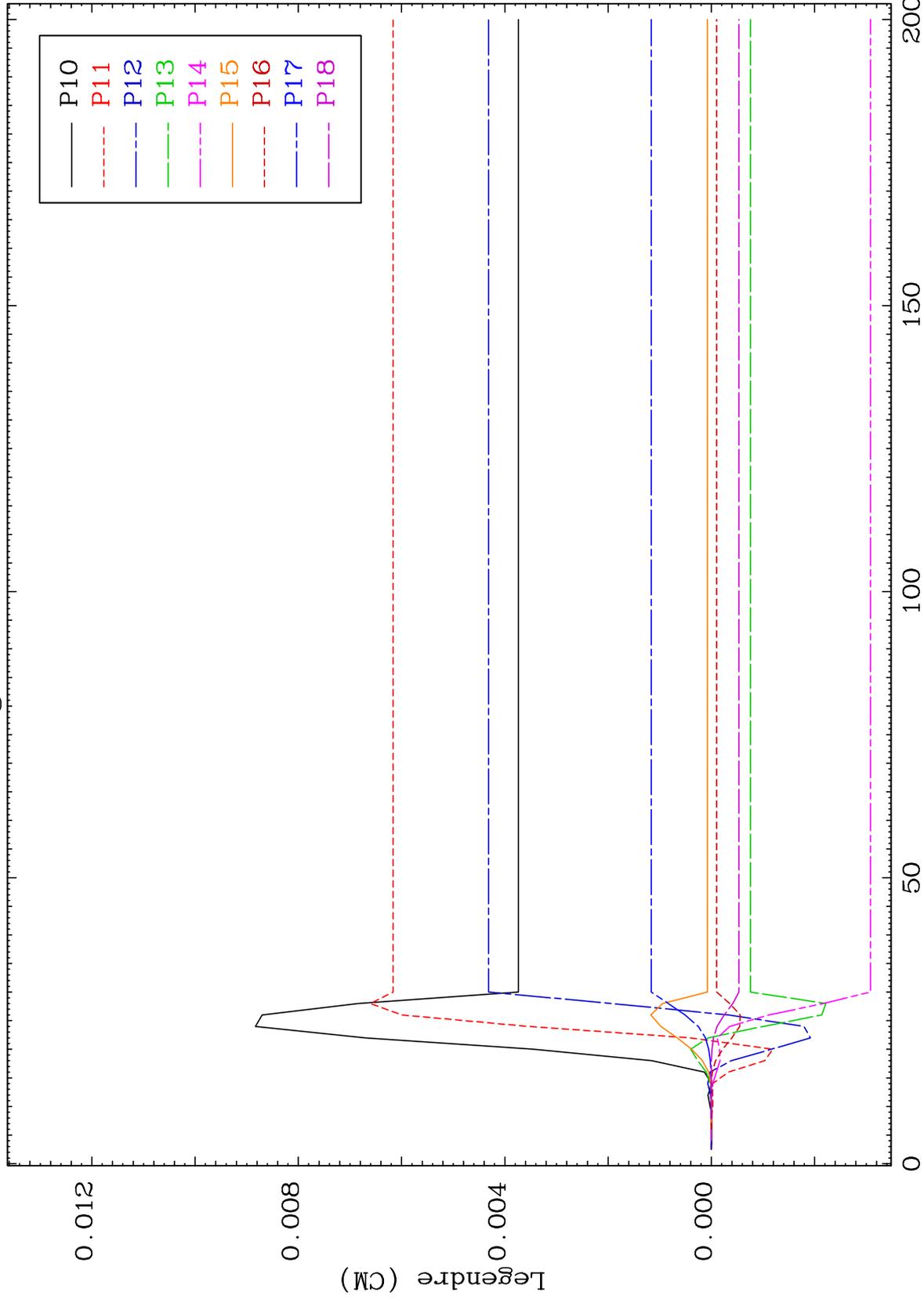
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



76

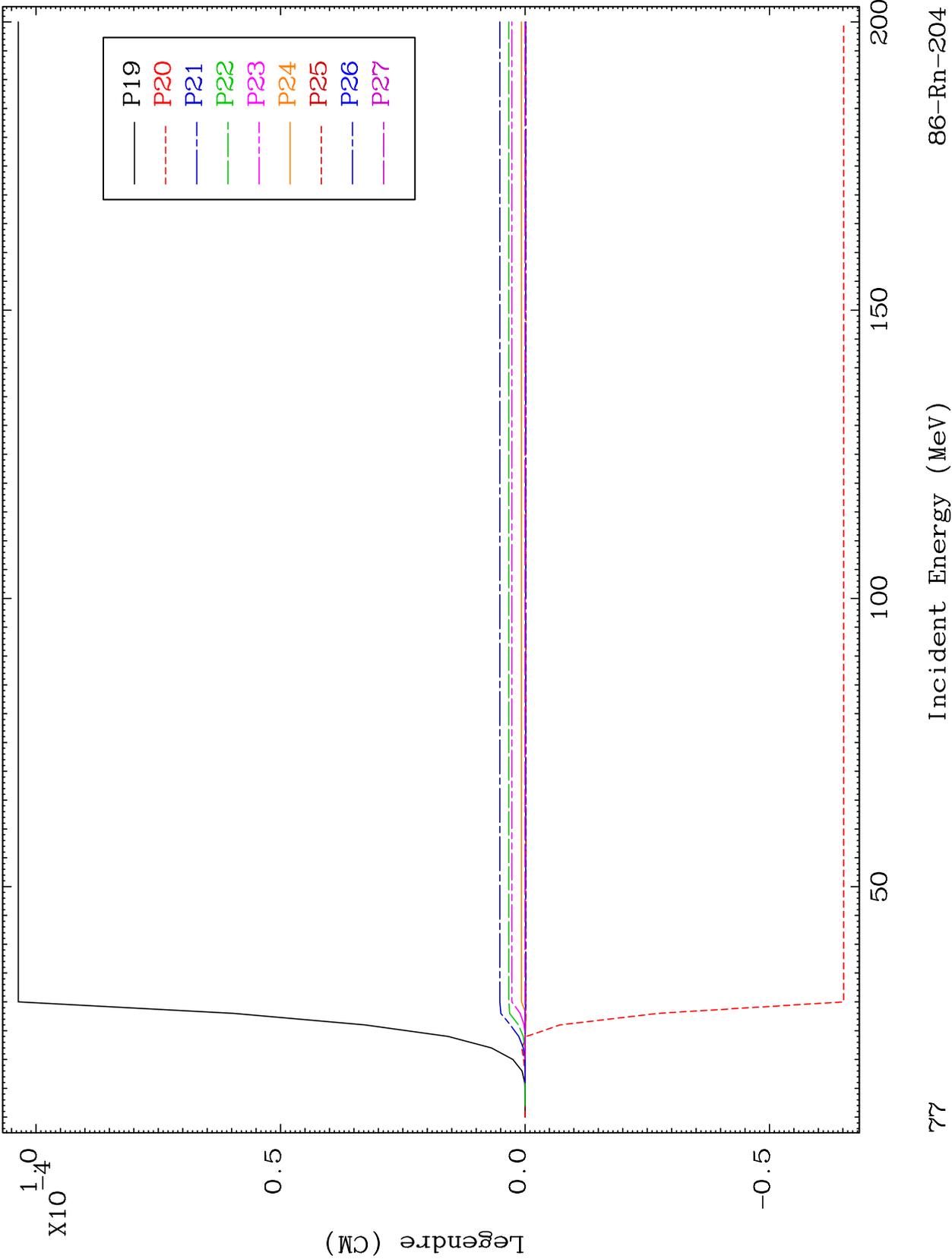
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

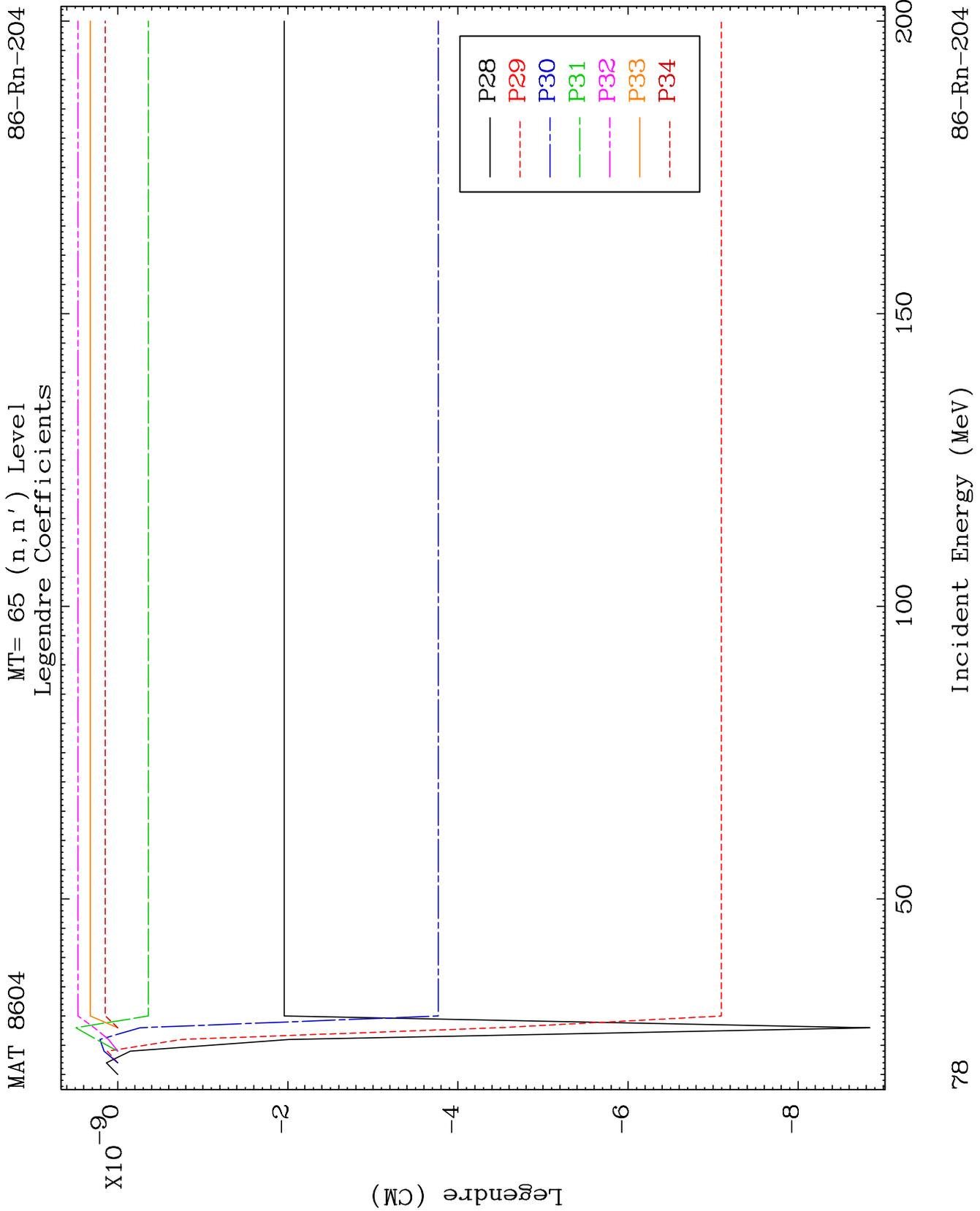
86-Rn-204



77

Incident Energy (MeV)

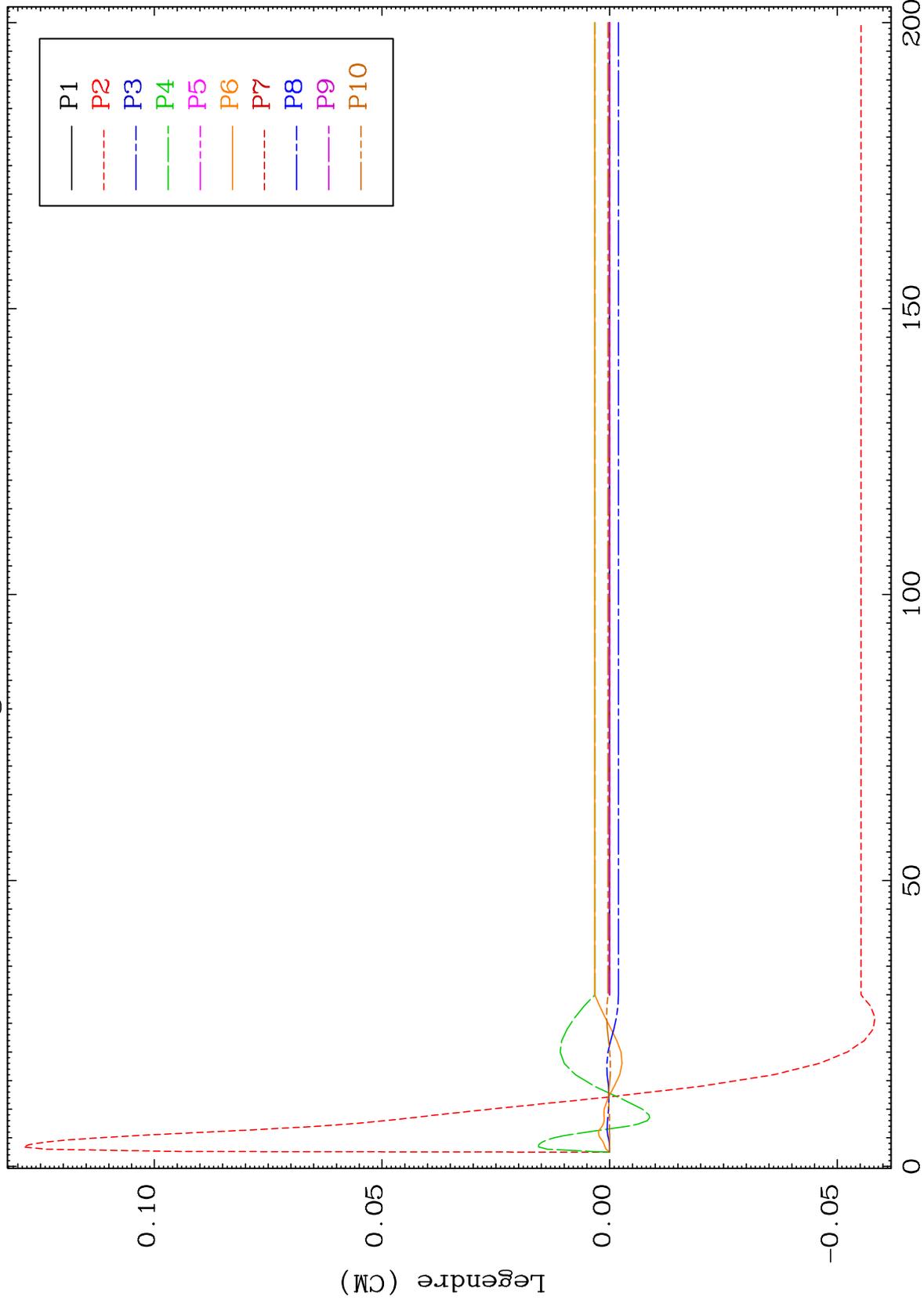
86-Rn-204



MAT 8604

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

86-Rn-204



79

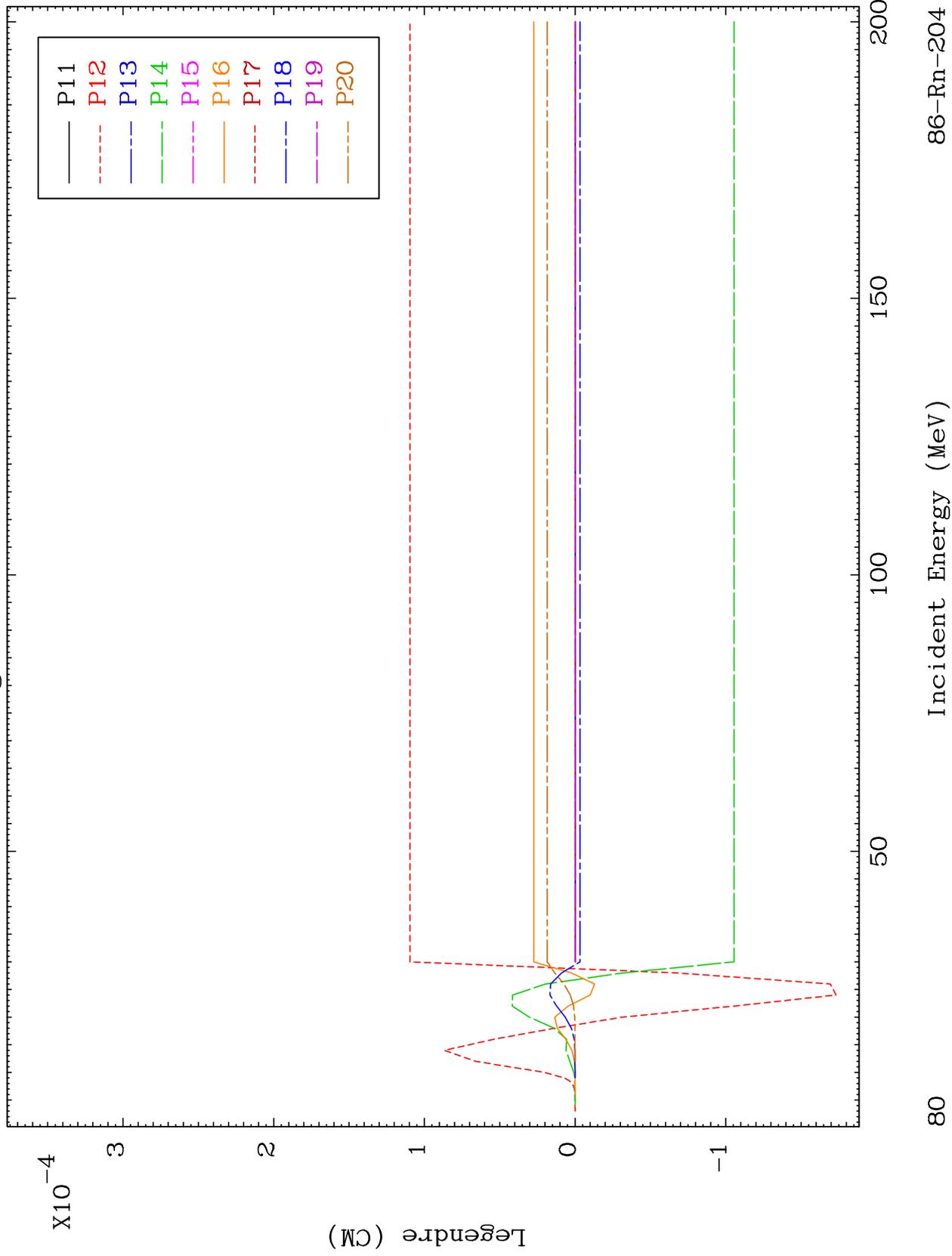
Incident Energy (MeV)

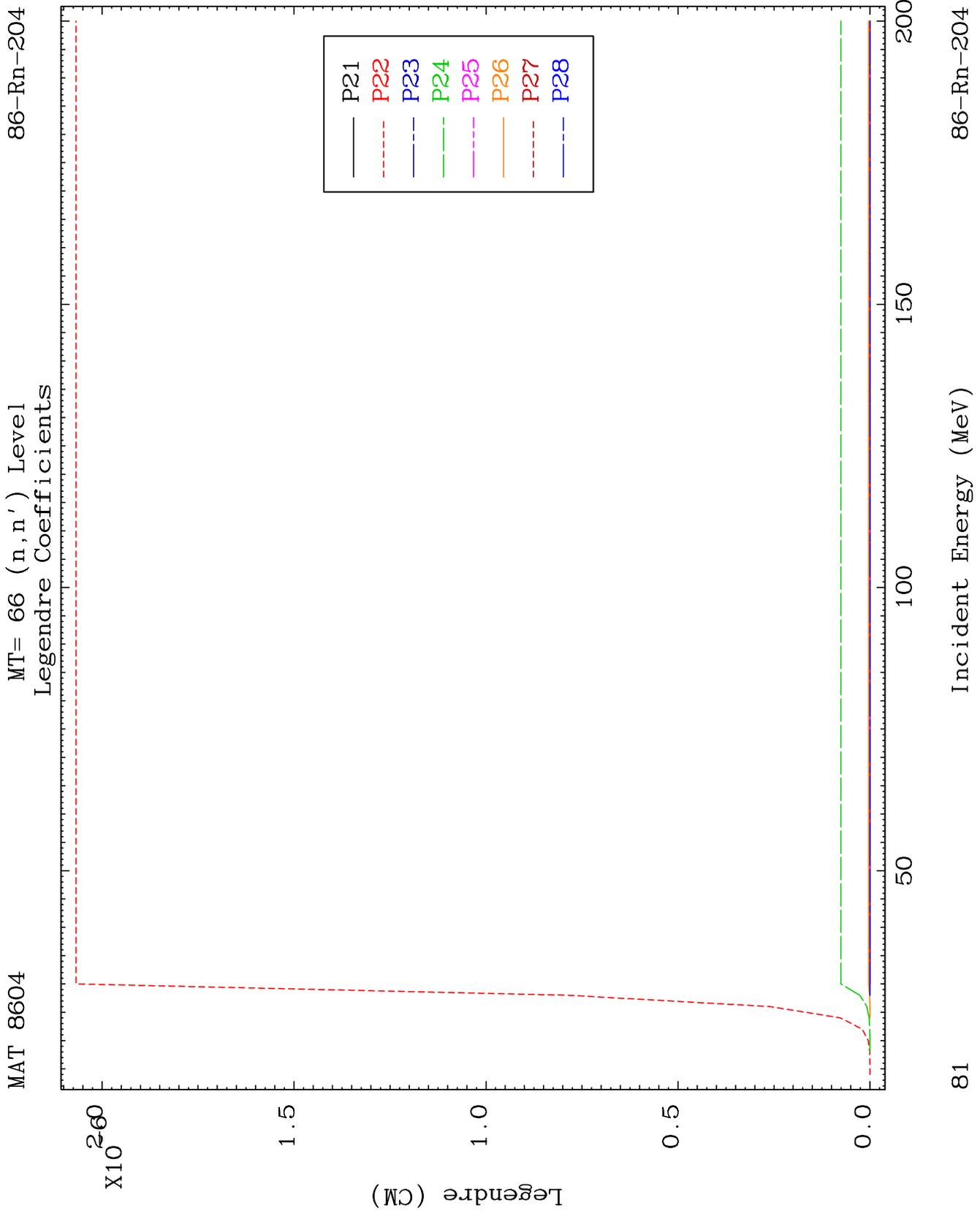
86-Rn-204

MAT 8604

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

86-Rn-204

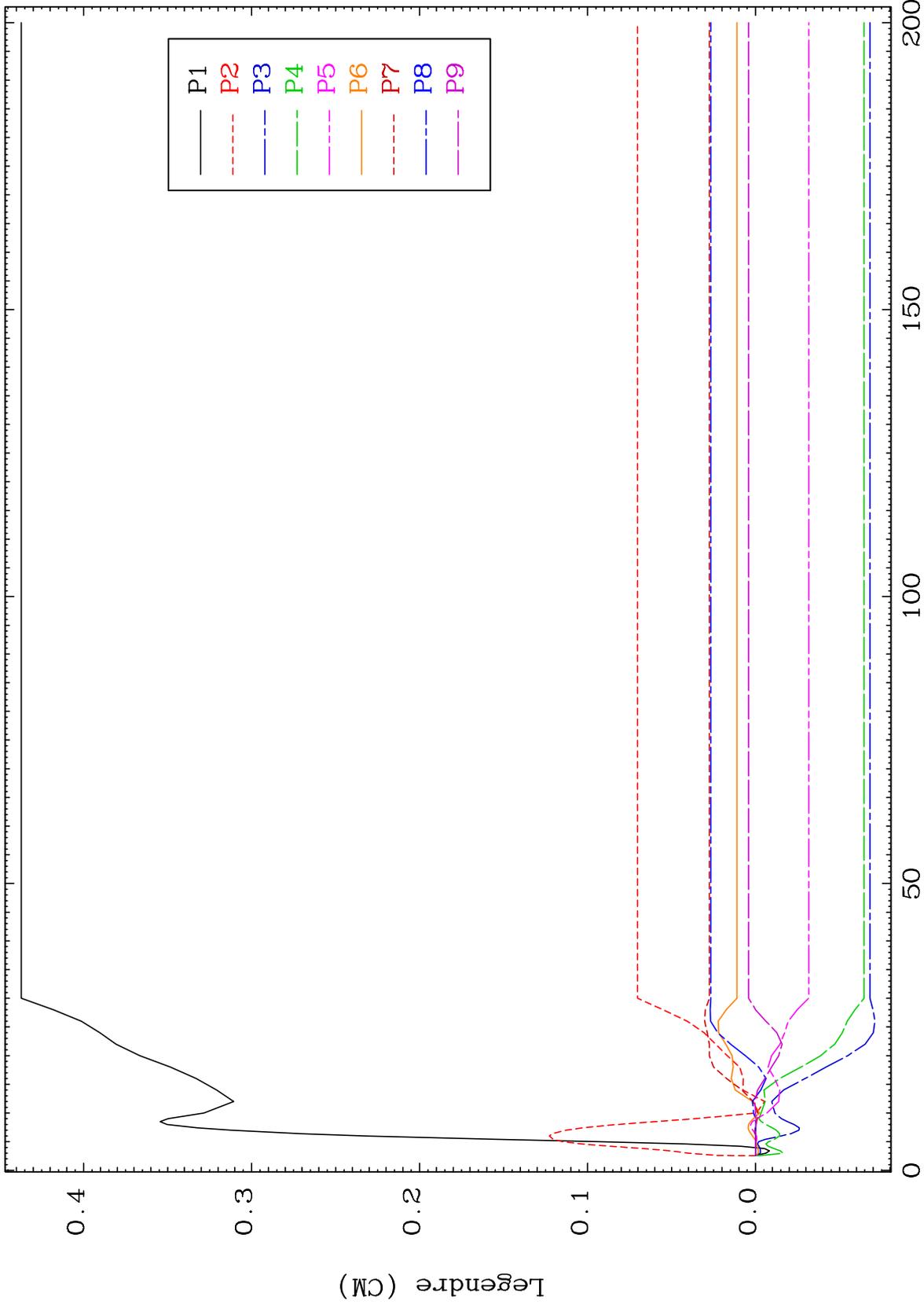




MAT 8604

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

86-Rn-204



82

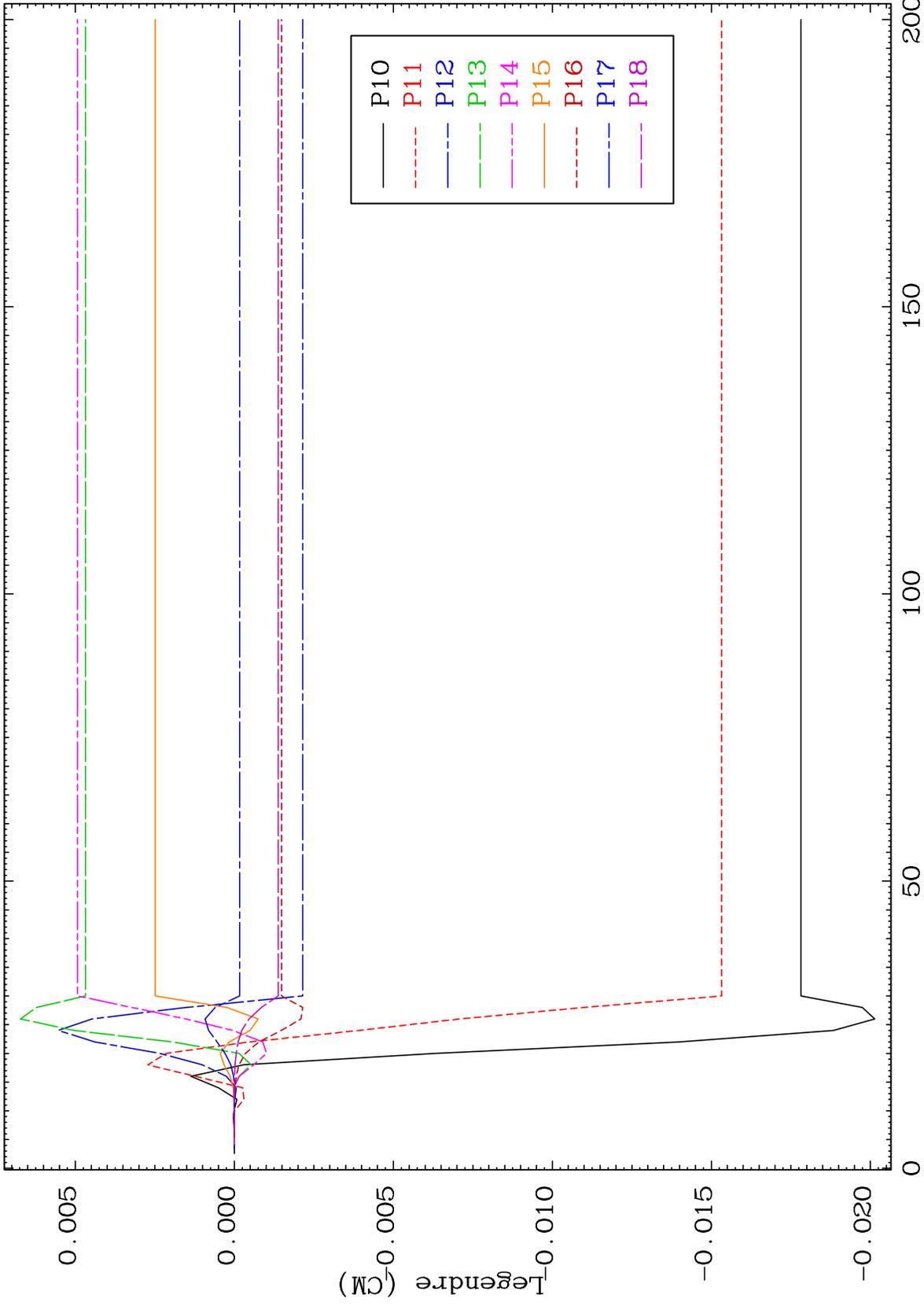
86-Rn-204

86-Rn-204

MAT 8604

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

86-Rn-204



83

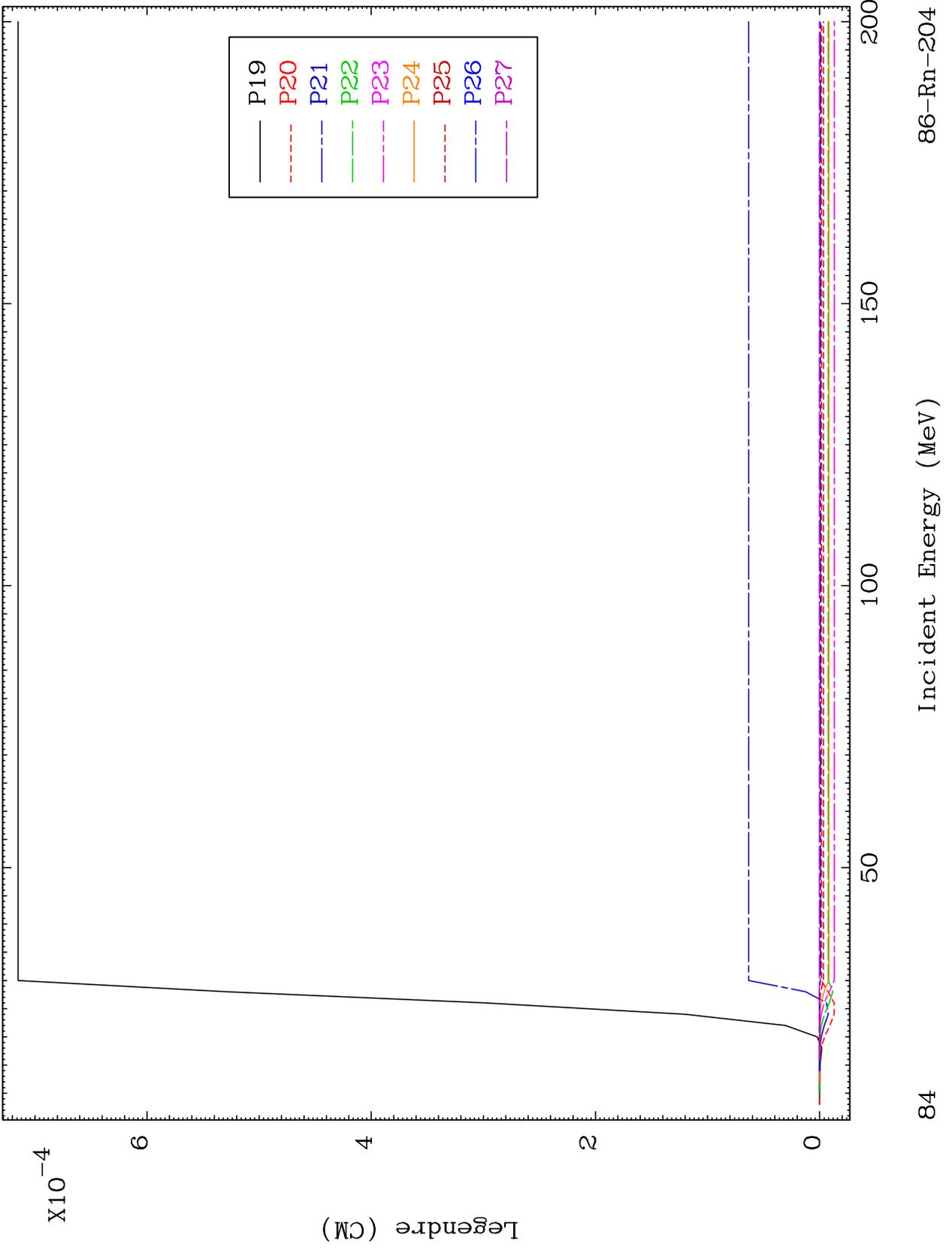
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

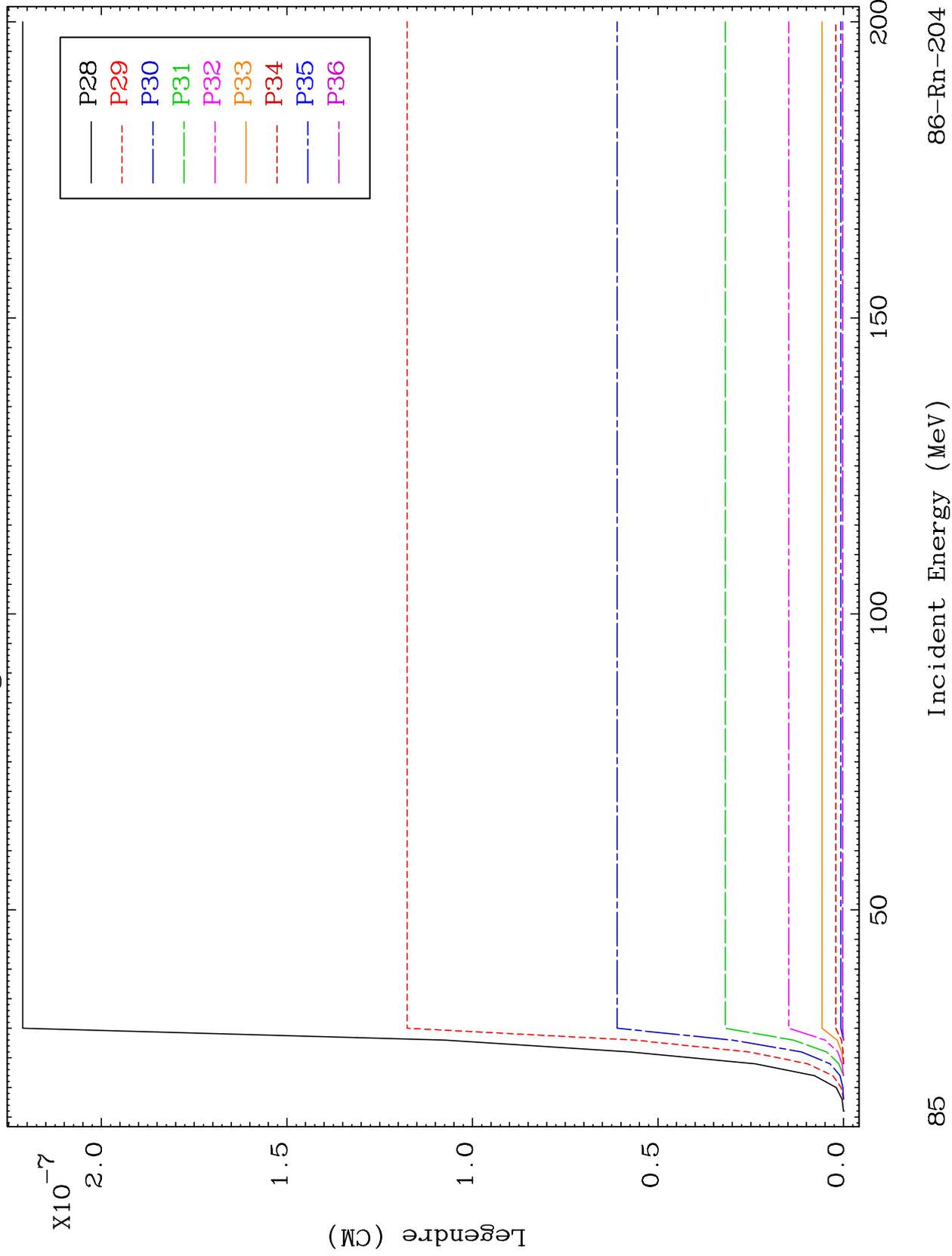
86-Rn-204



MAT 8604

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

86-Rn-204



85

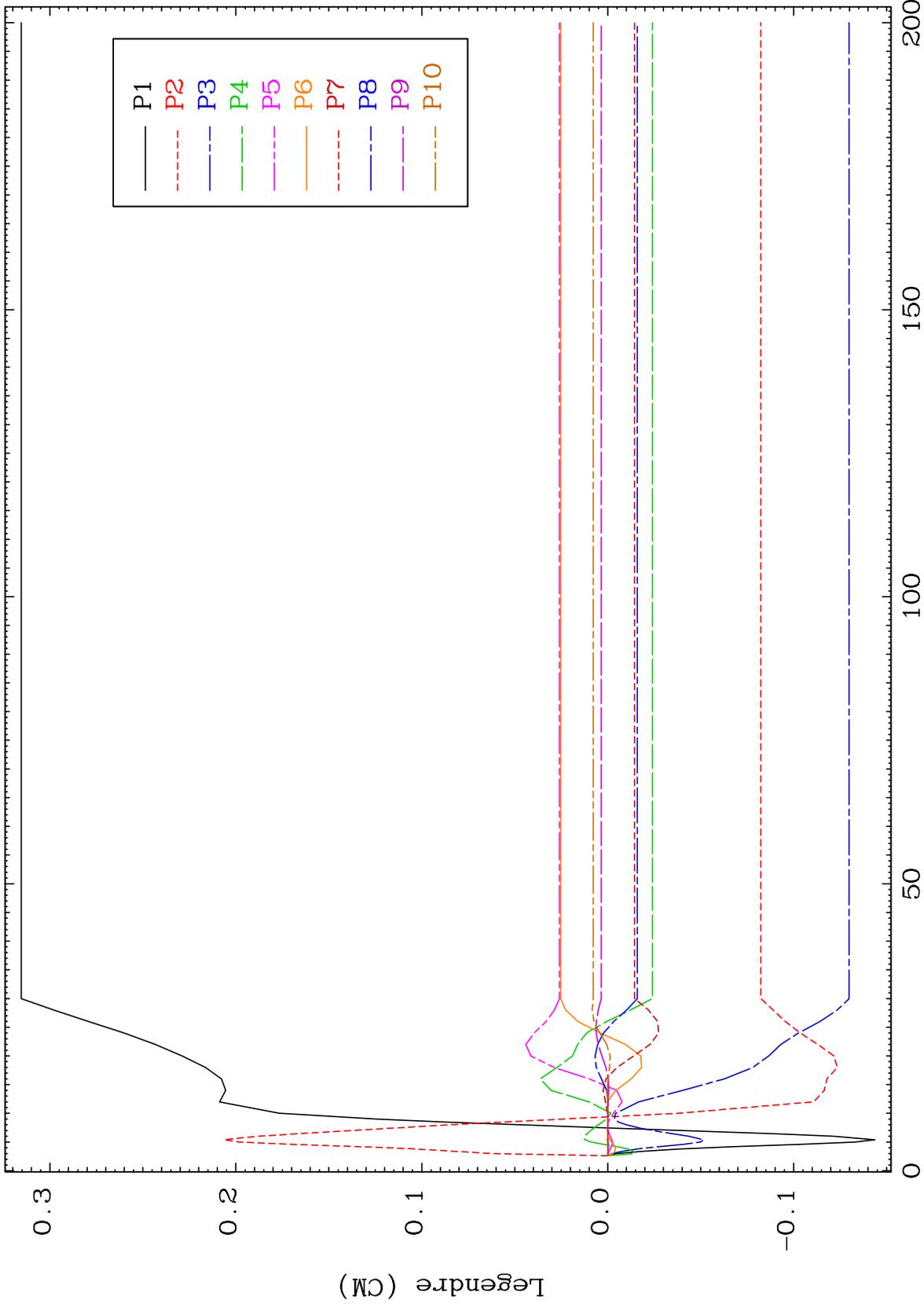
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



86

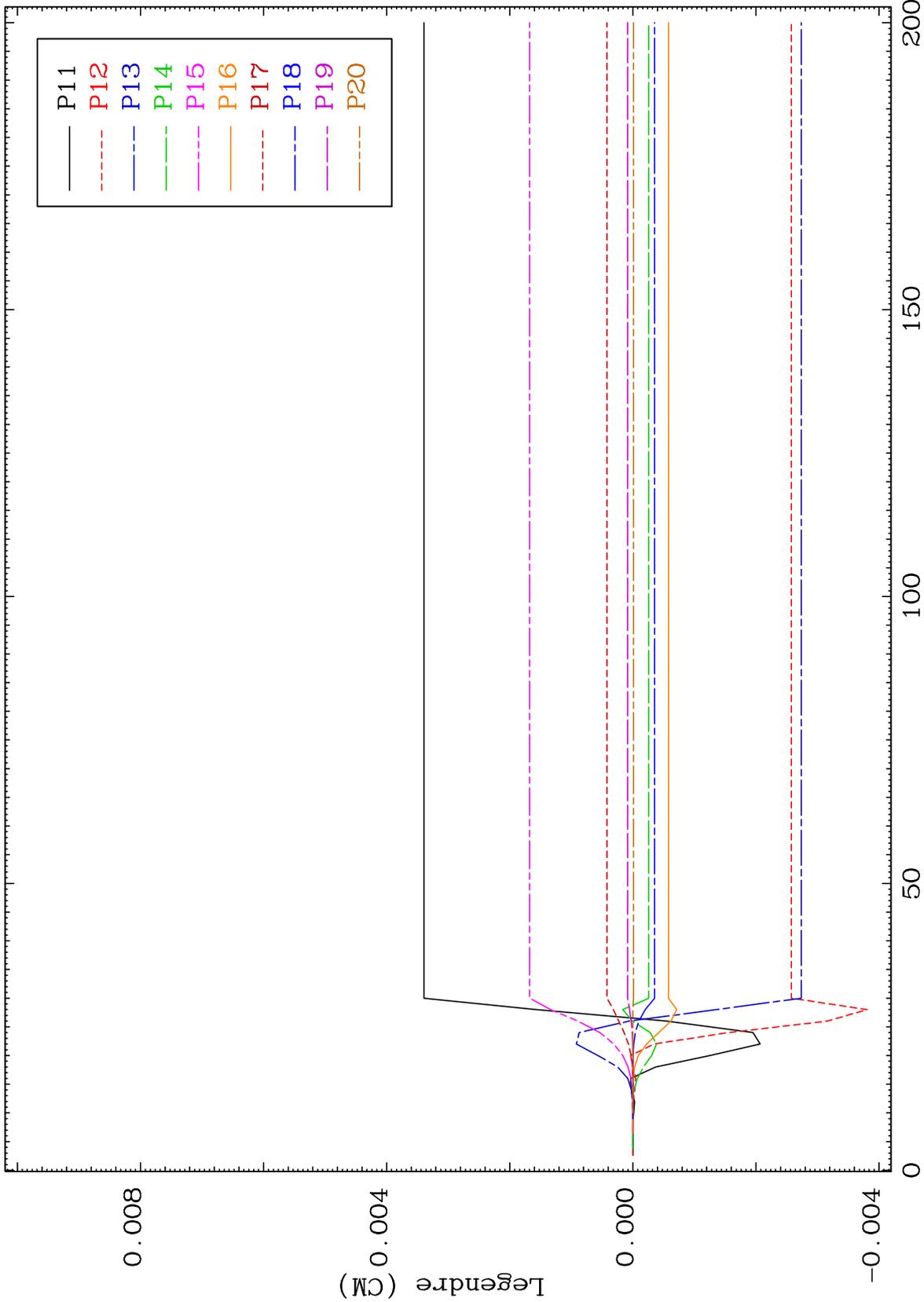
86-Rn-204

86-Rn-204

MAT 8604

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

86-Rn-204



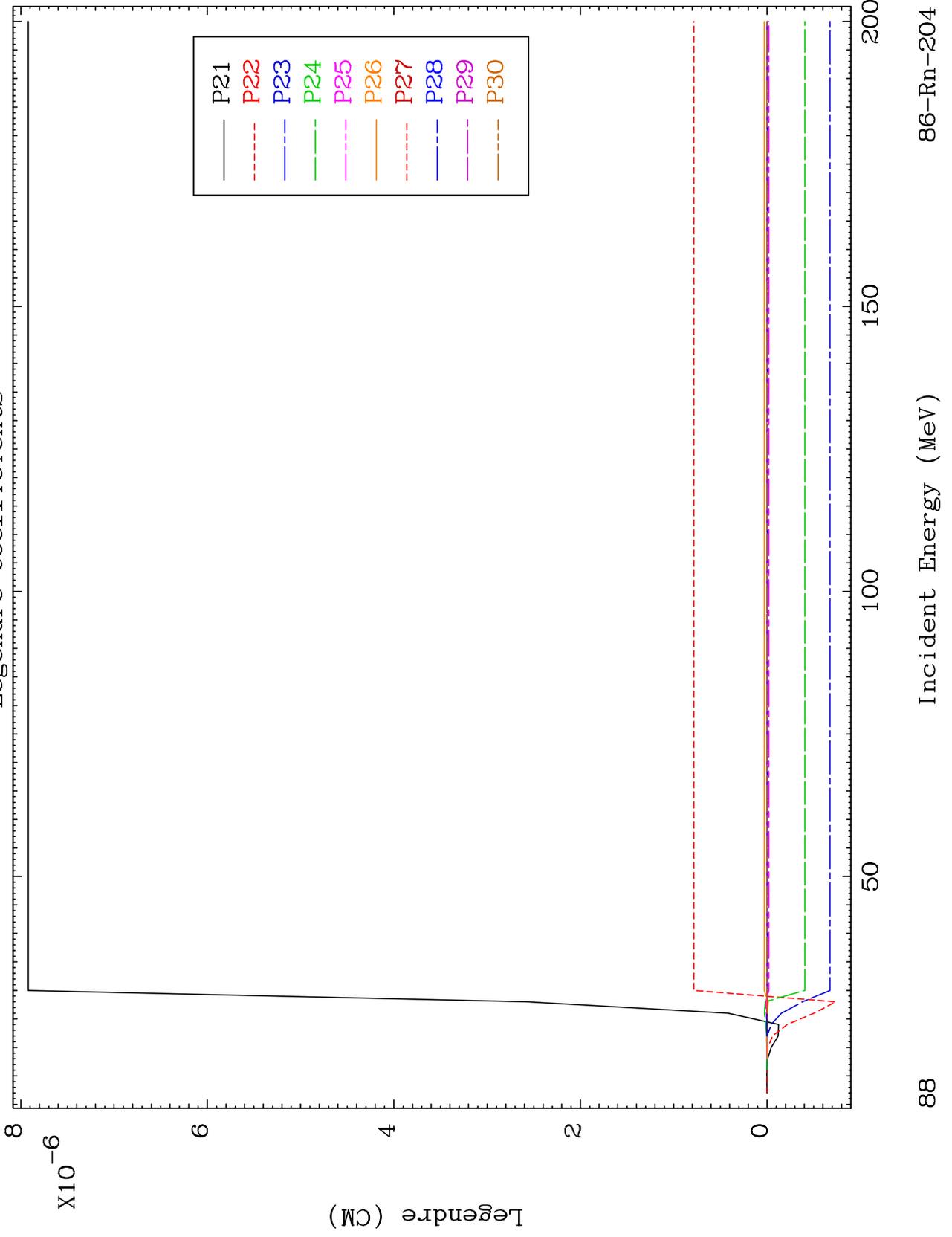
87

86-Rn-204

MAT 8604

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

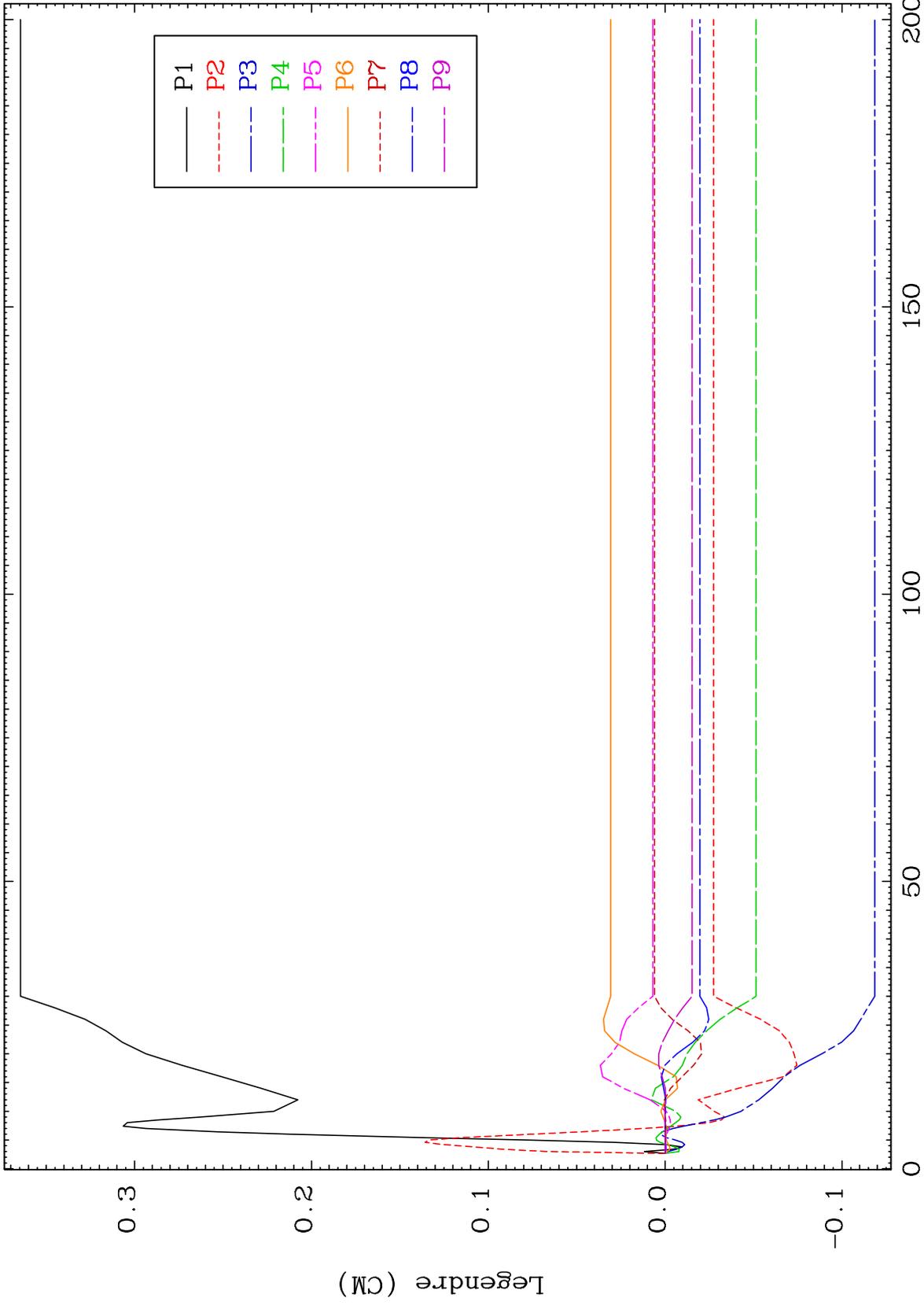
86-Rn-204



MAT 8604

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

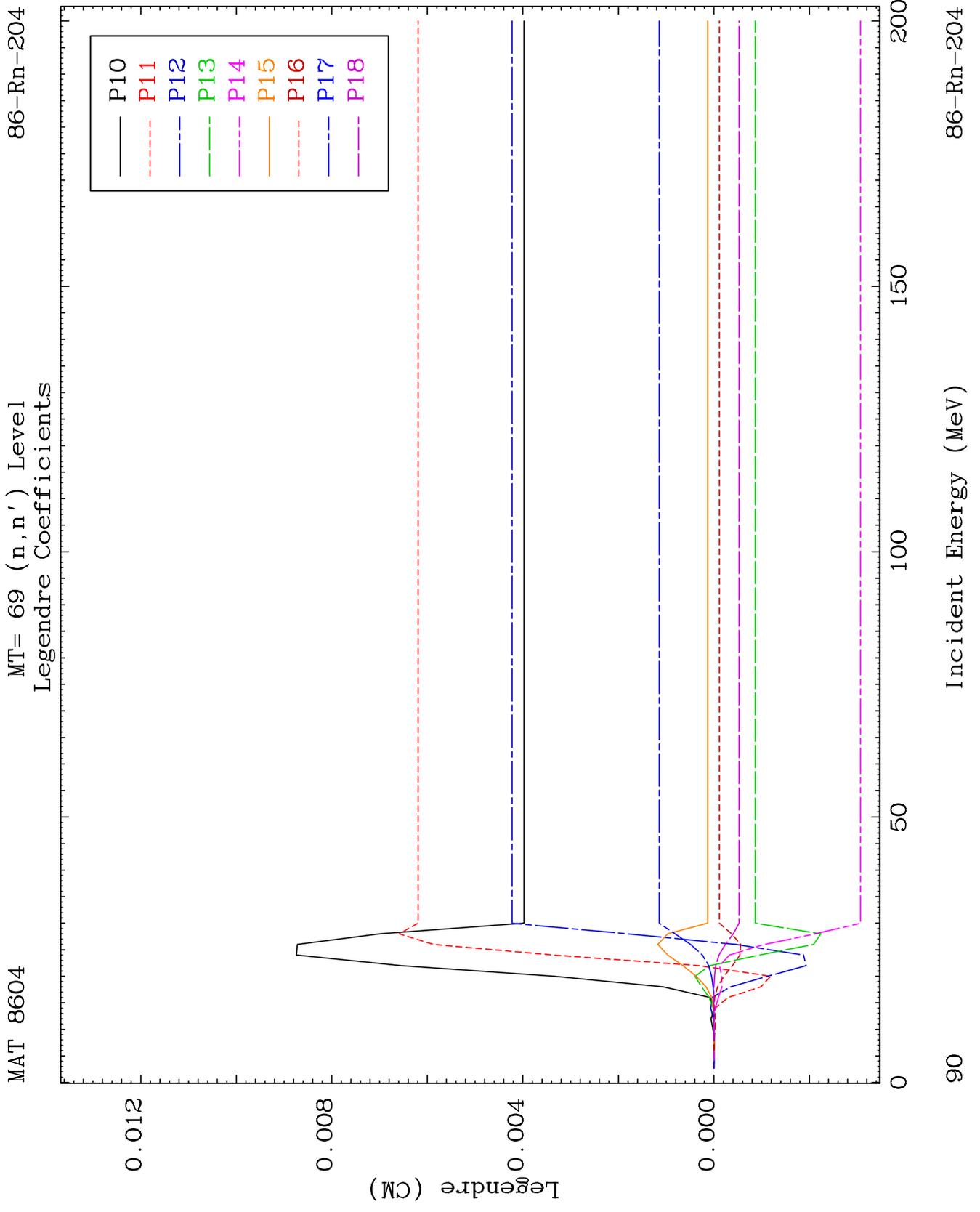
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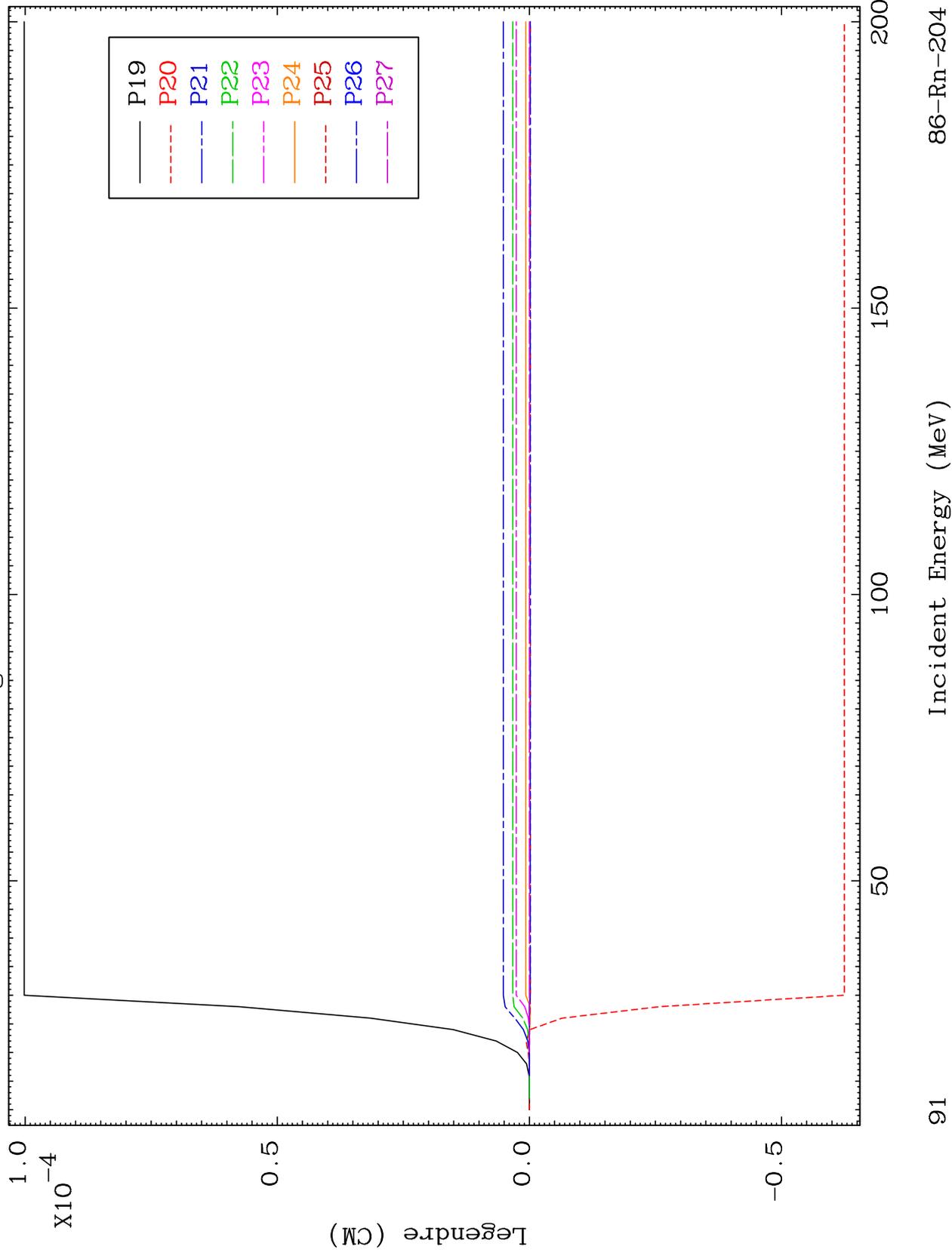


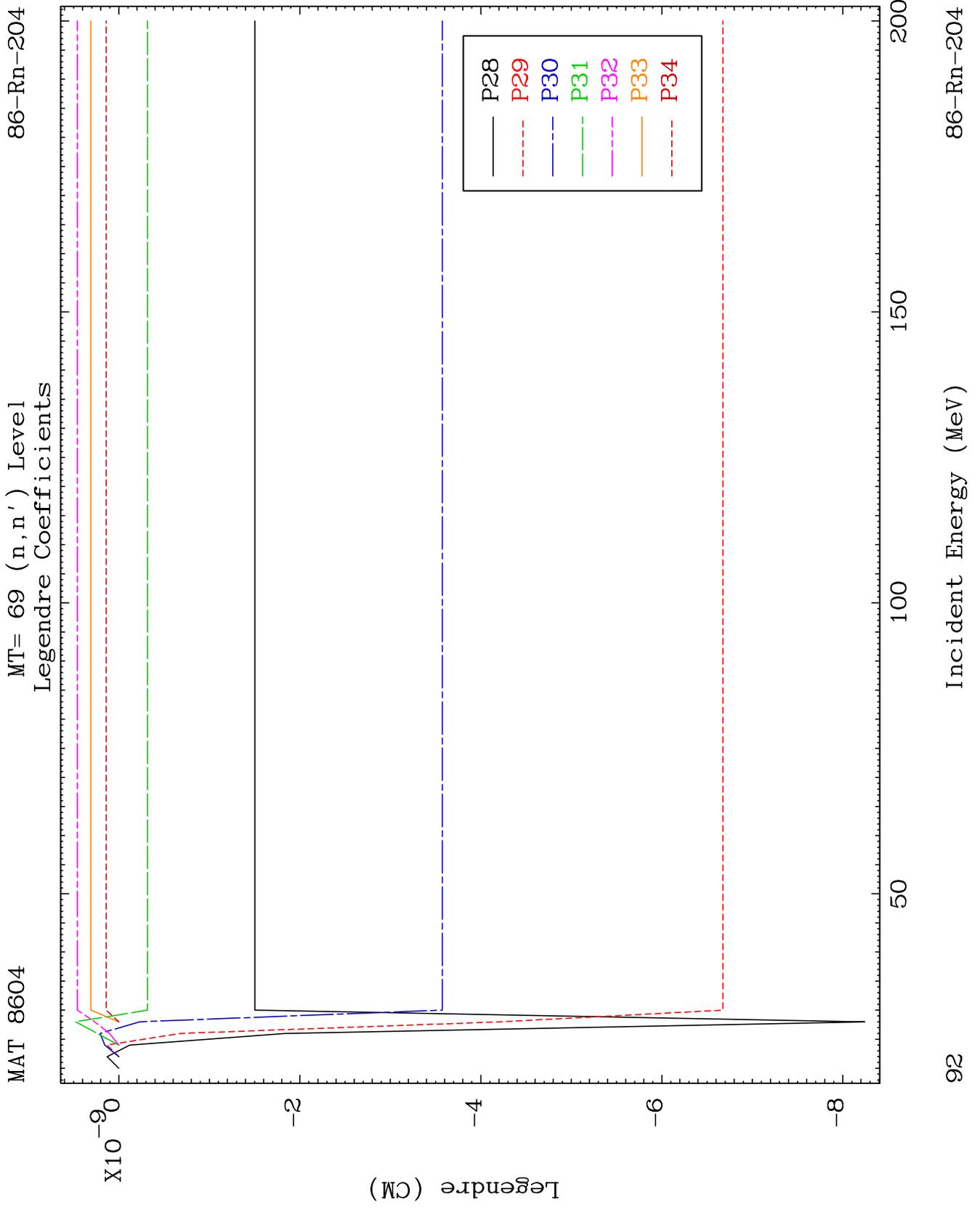
89

Incident Energy (MeV)

86-Rn-204



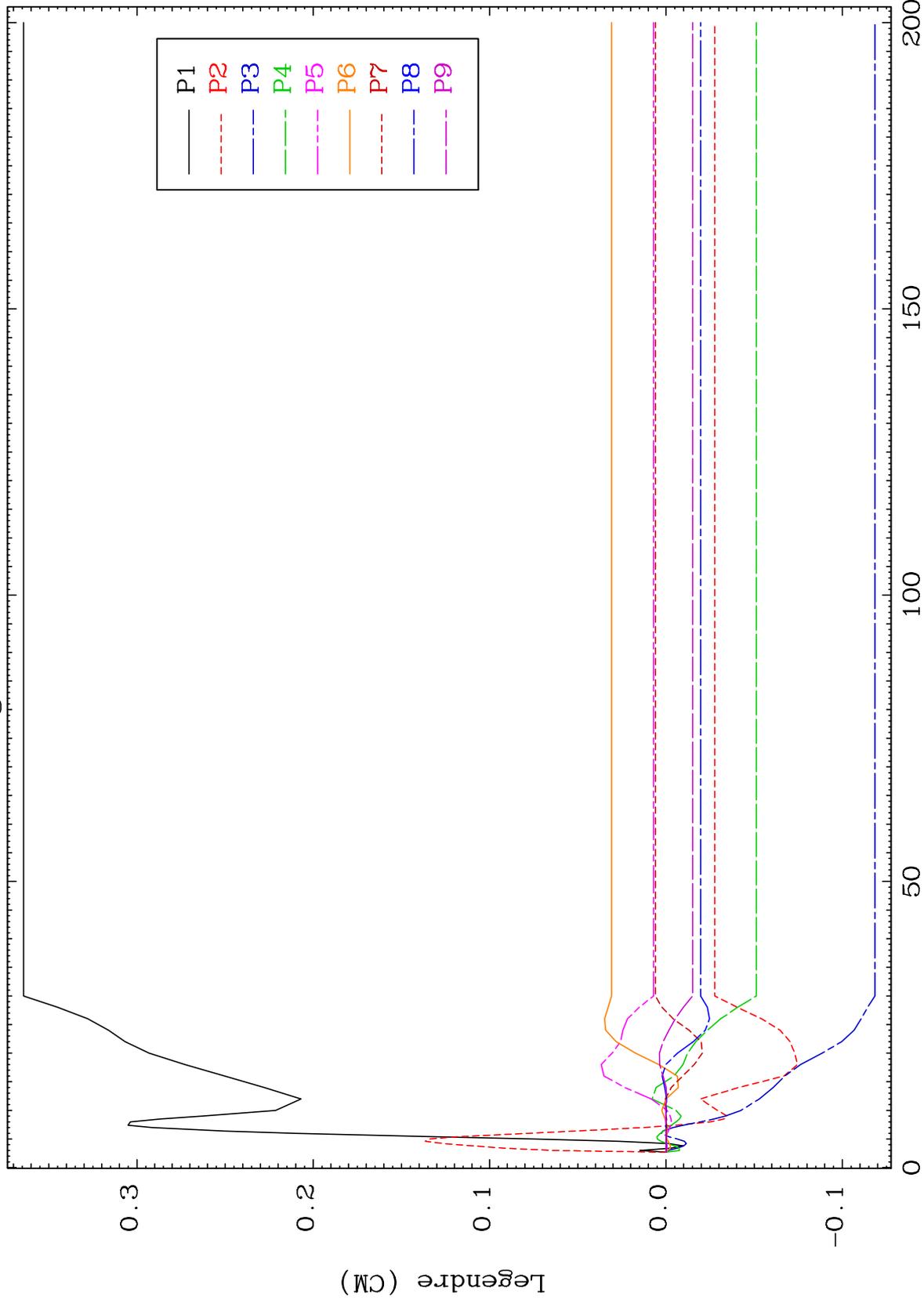




MAT 8604

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

86-Rn-204



93

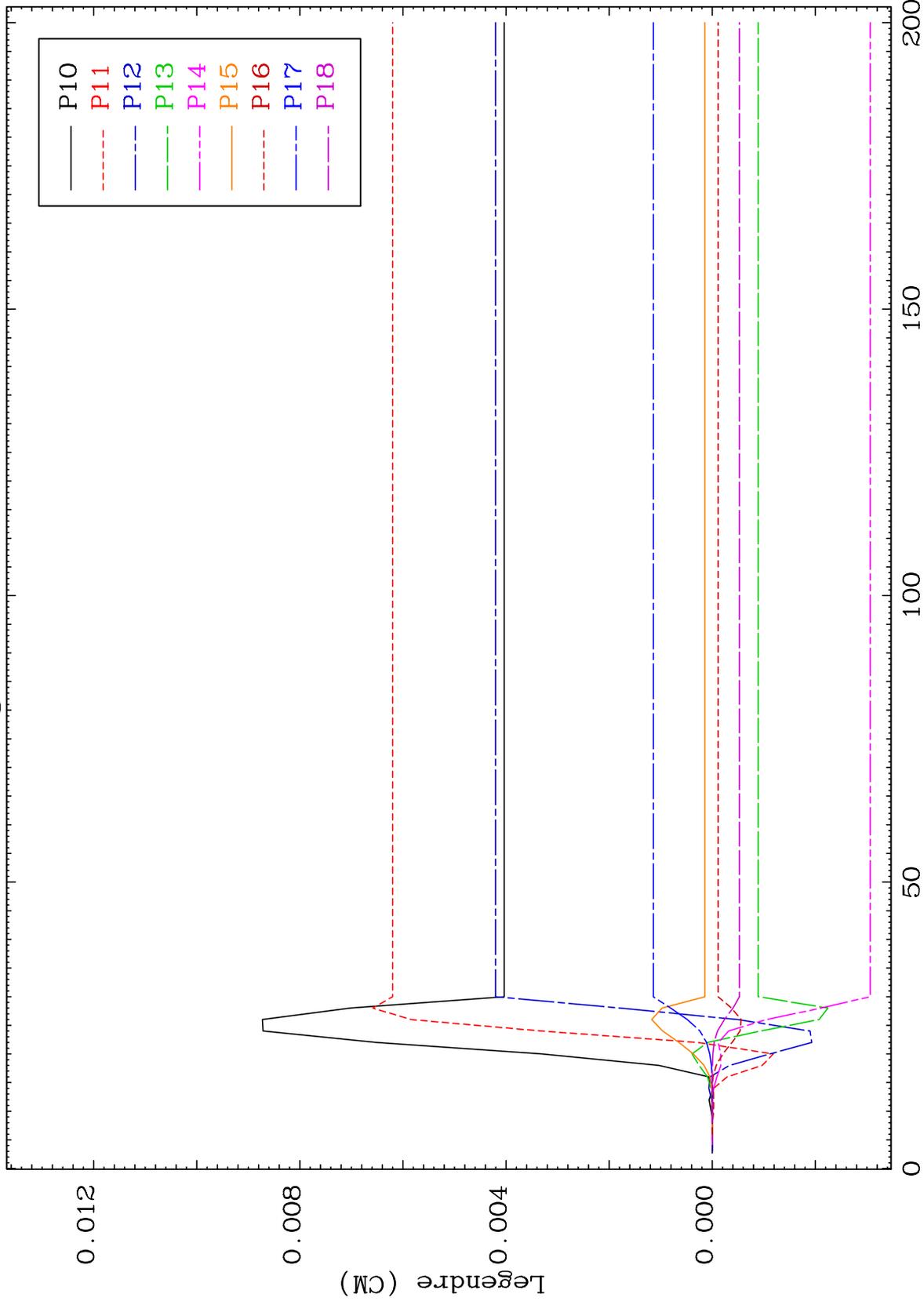
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



94

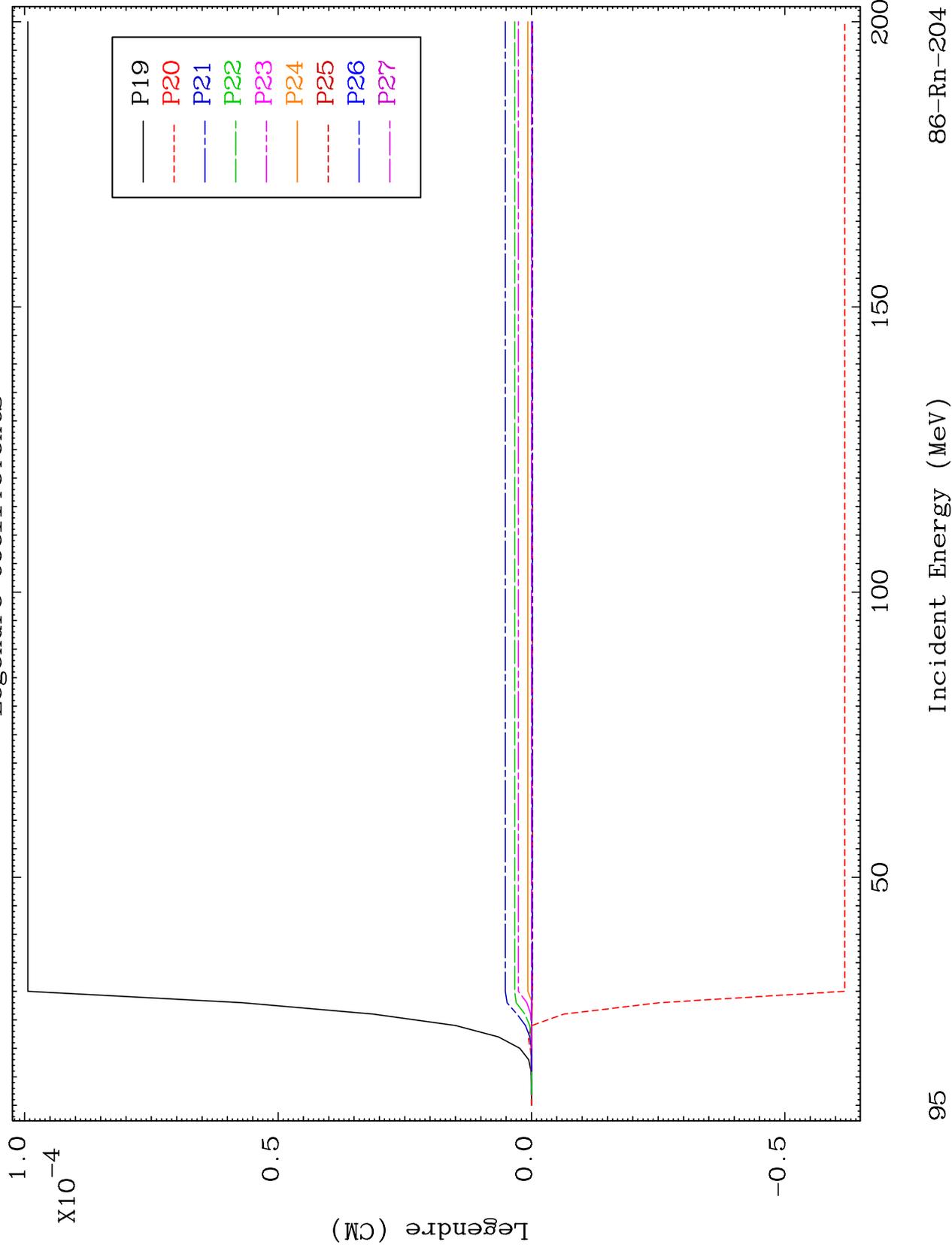
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



95

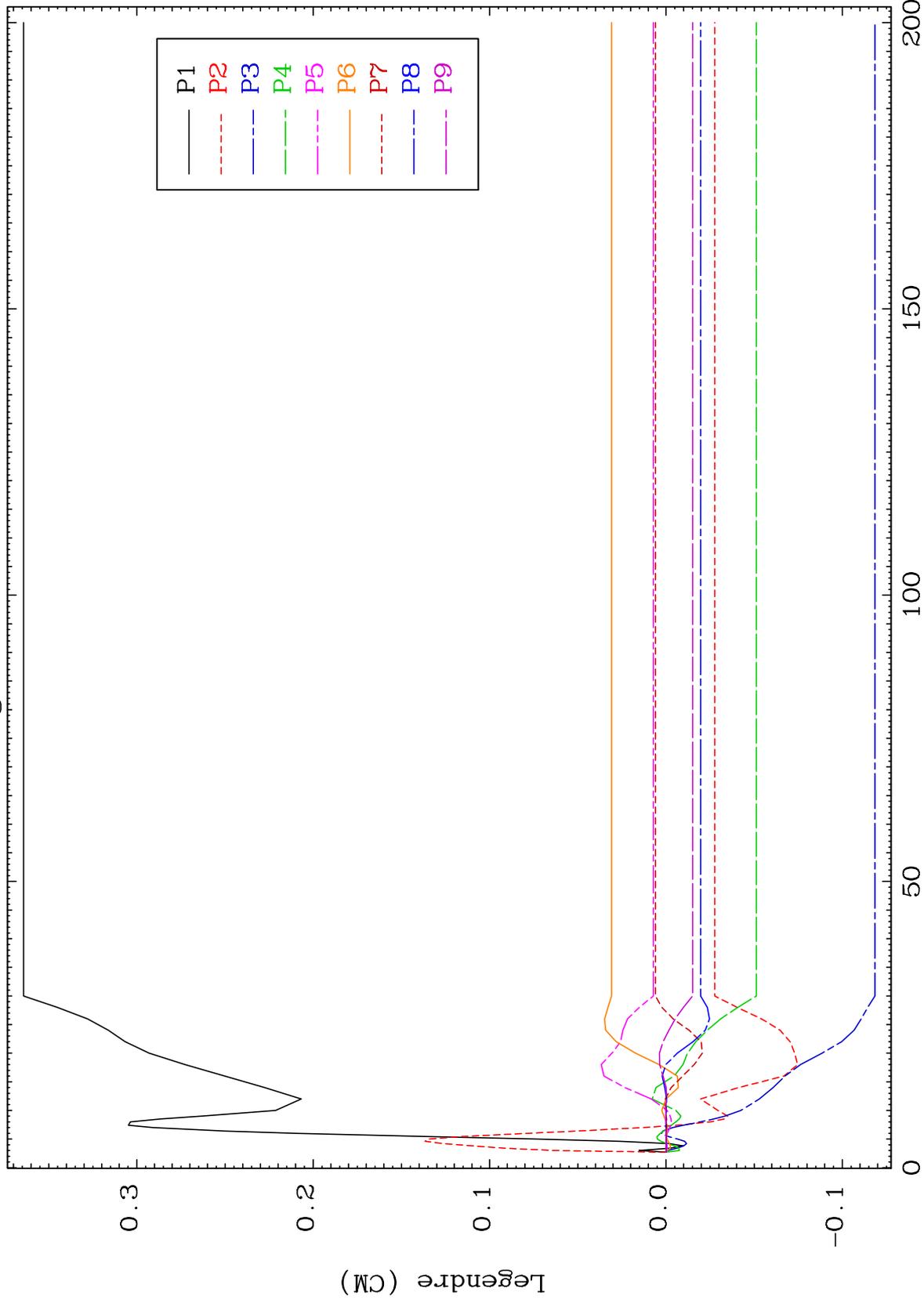
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

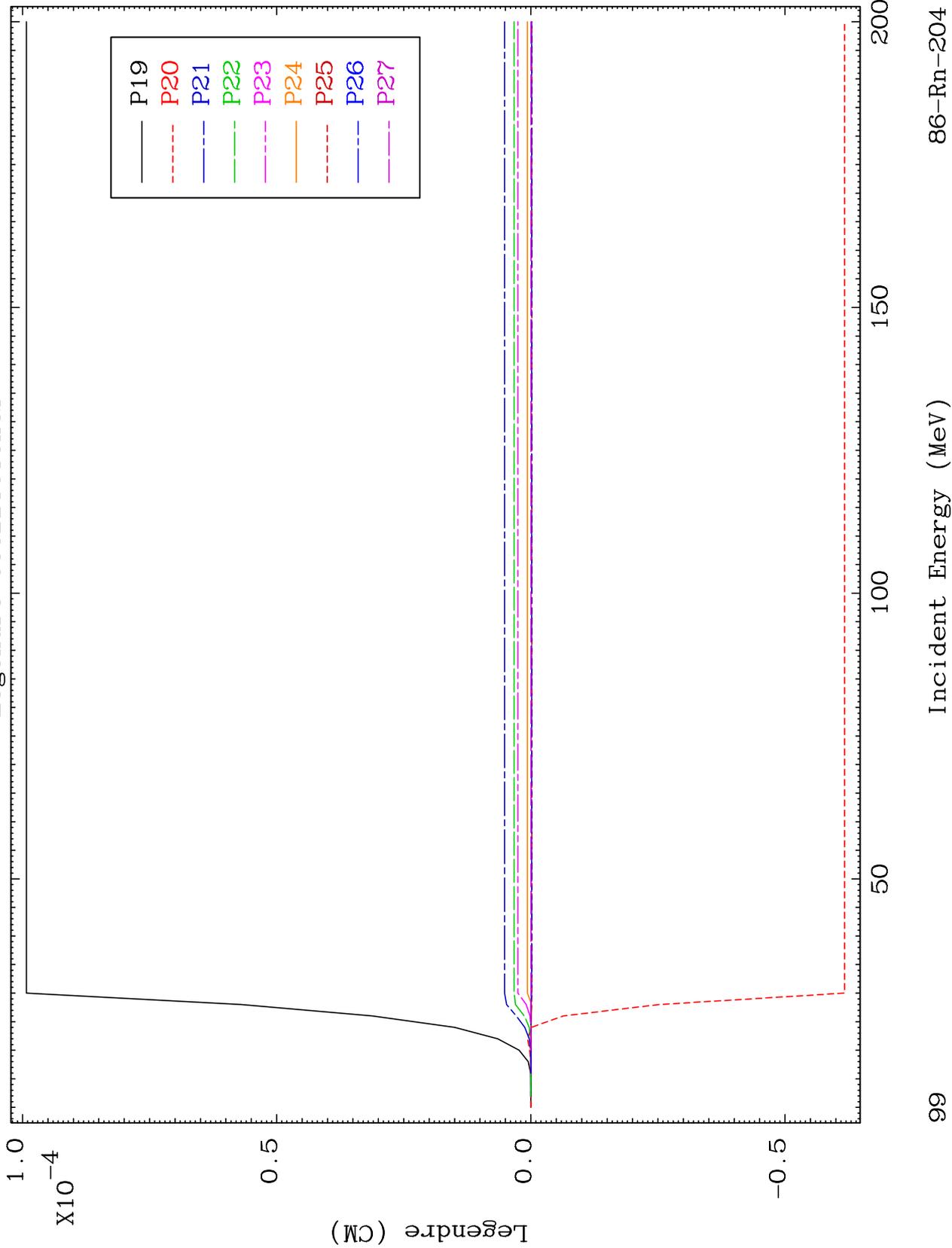
86-Rn-204

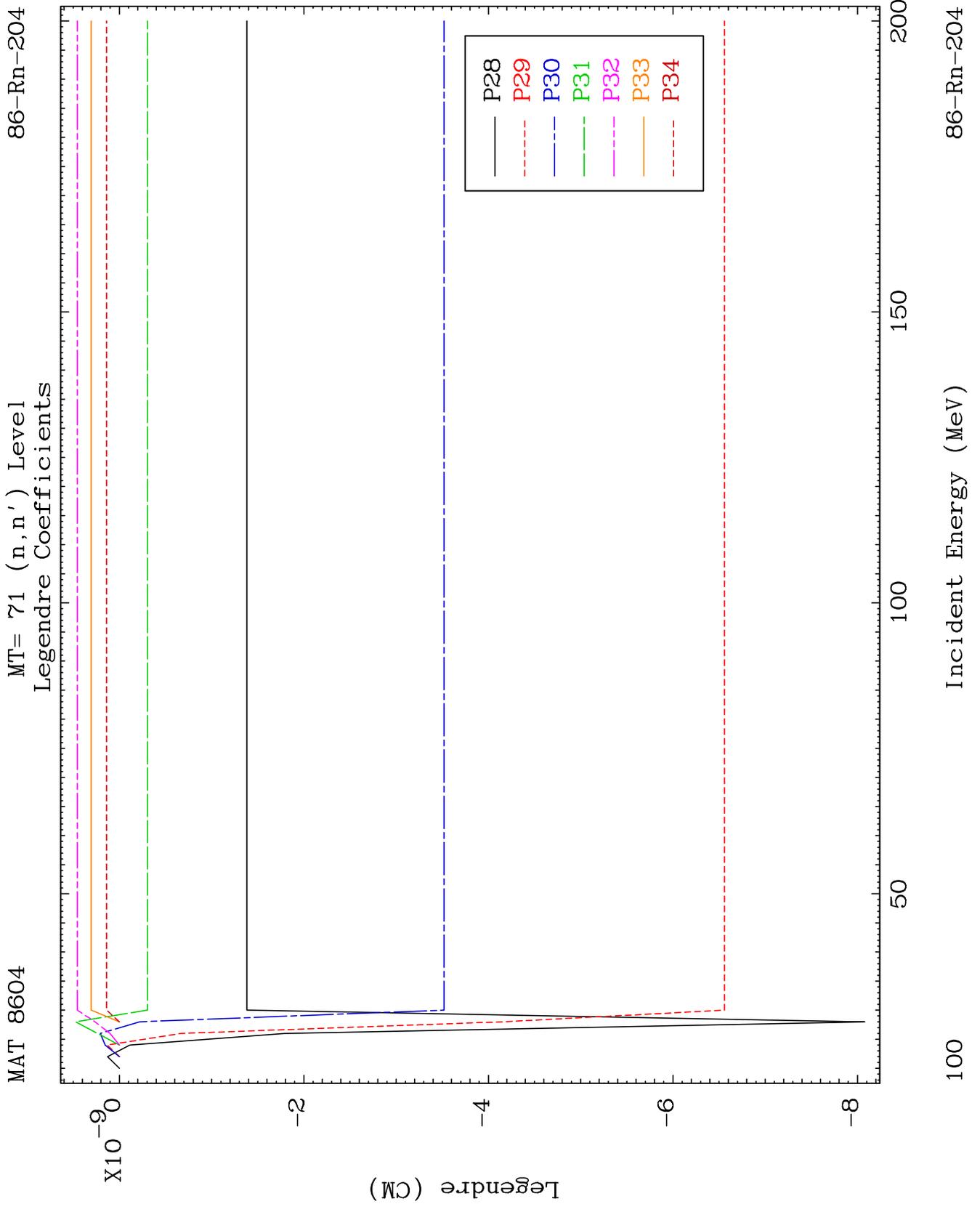


97

Incident Energy (MeV)

86-Rn-204

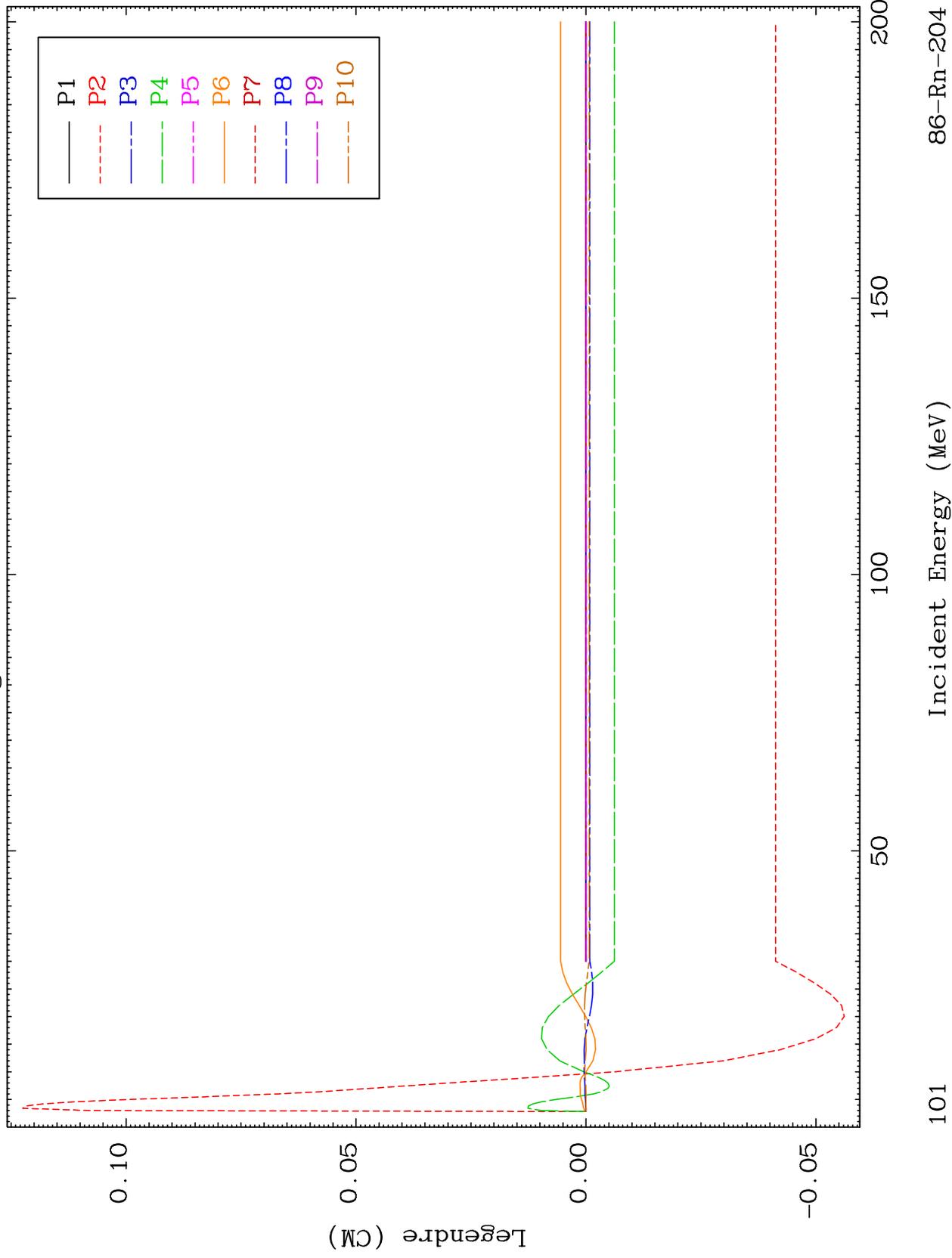




MAT 8604

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

86-Rn-204



101

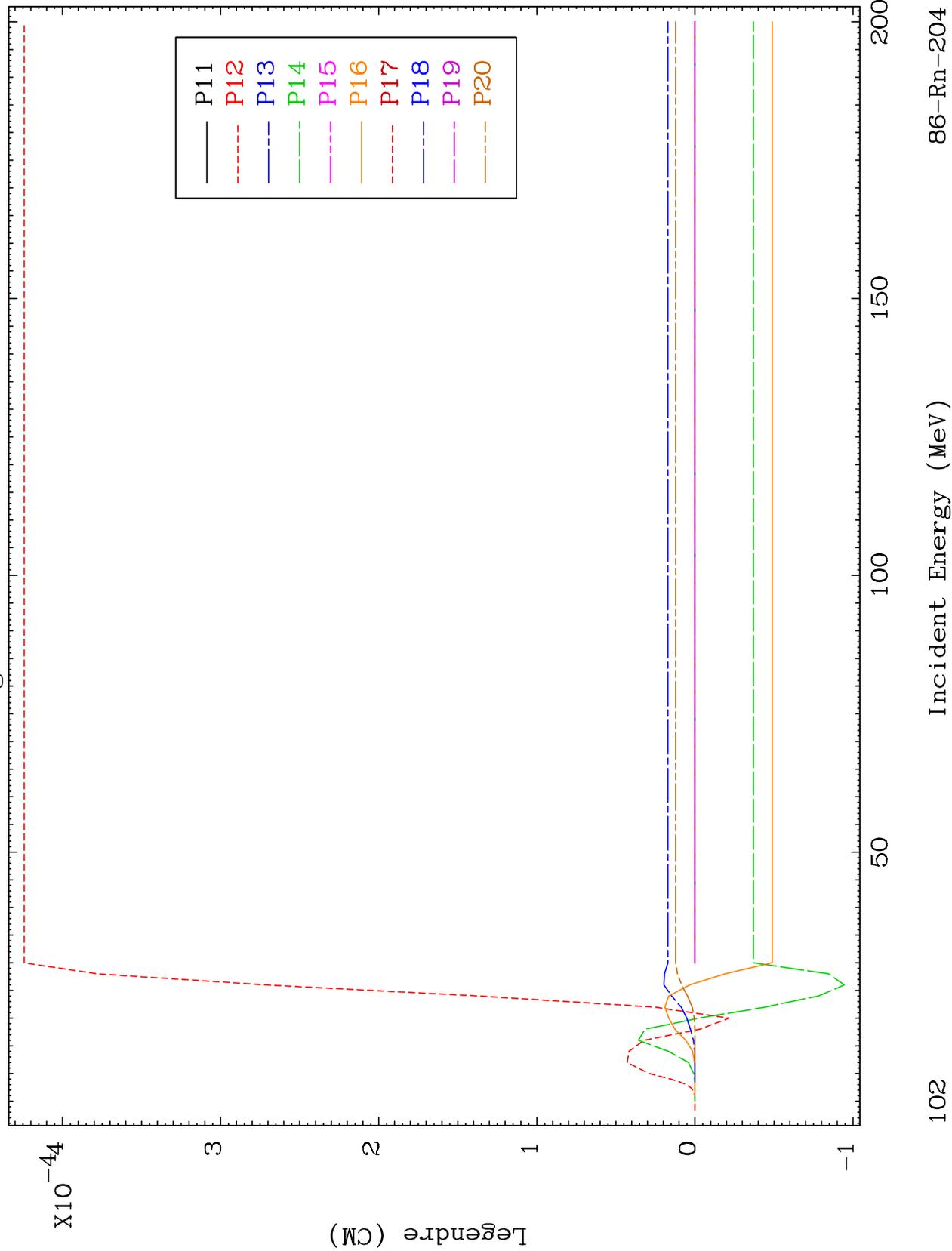
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



102

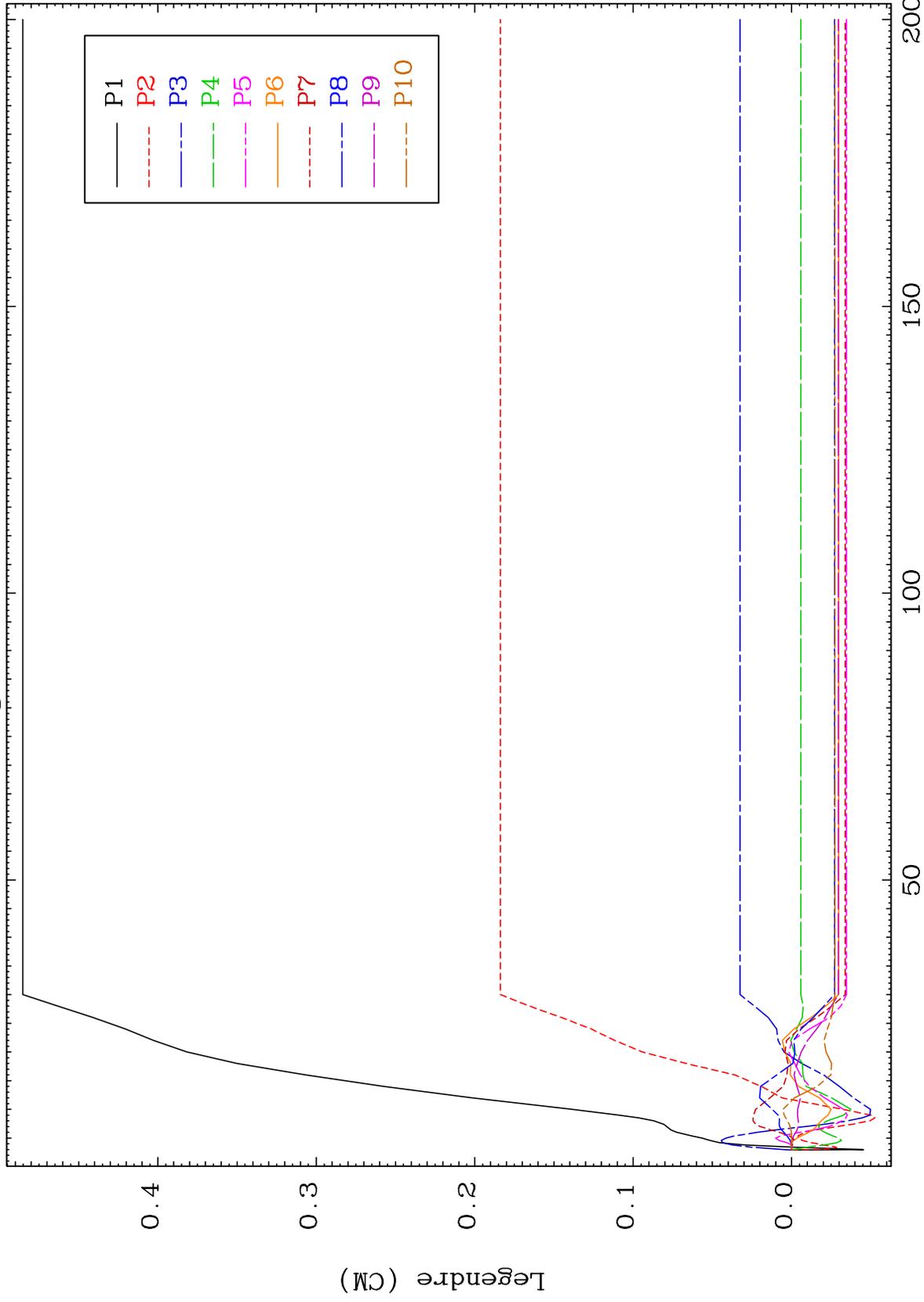
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



104

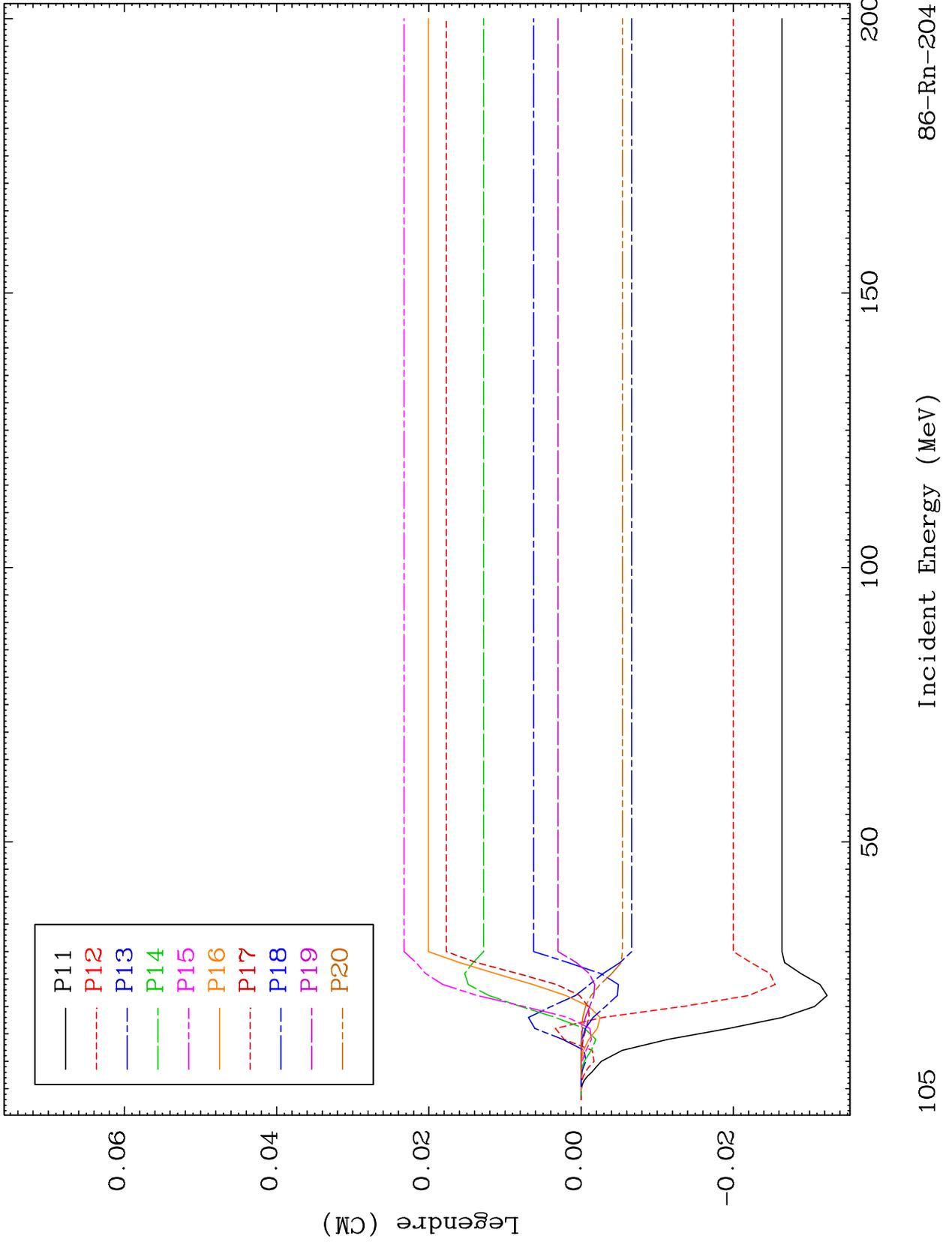
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



105

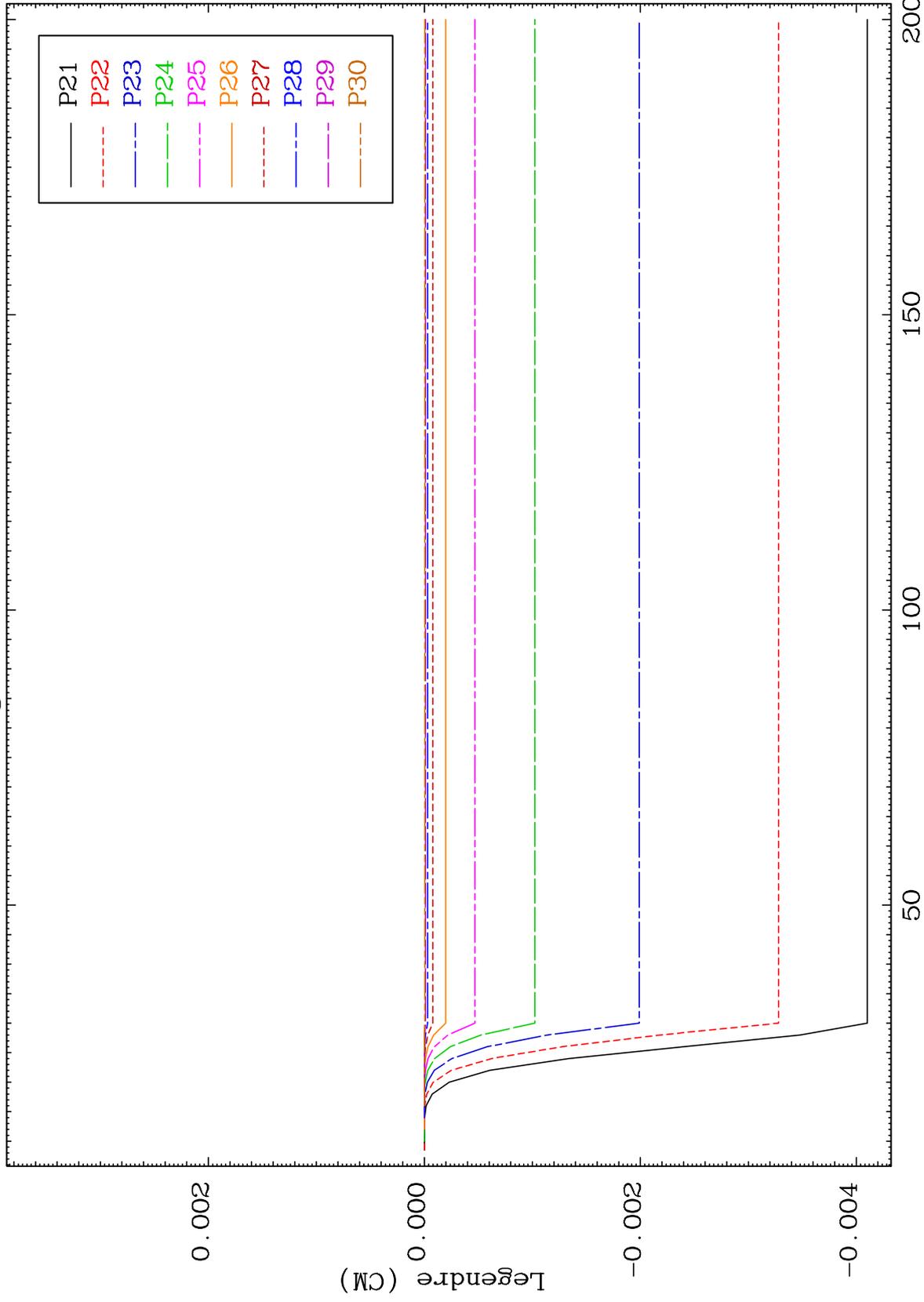
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

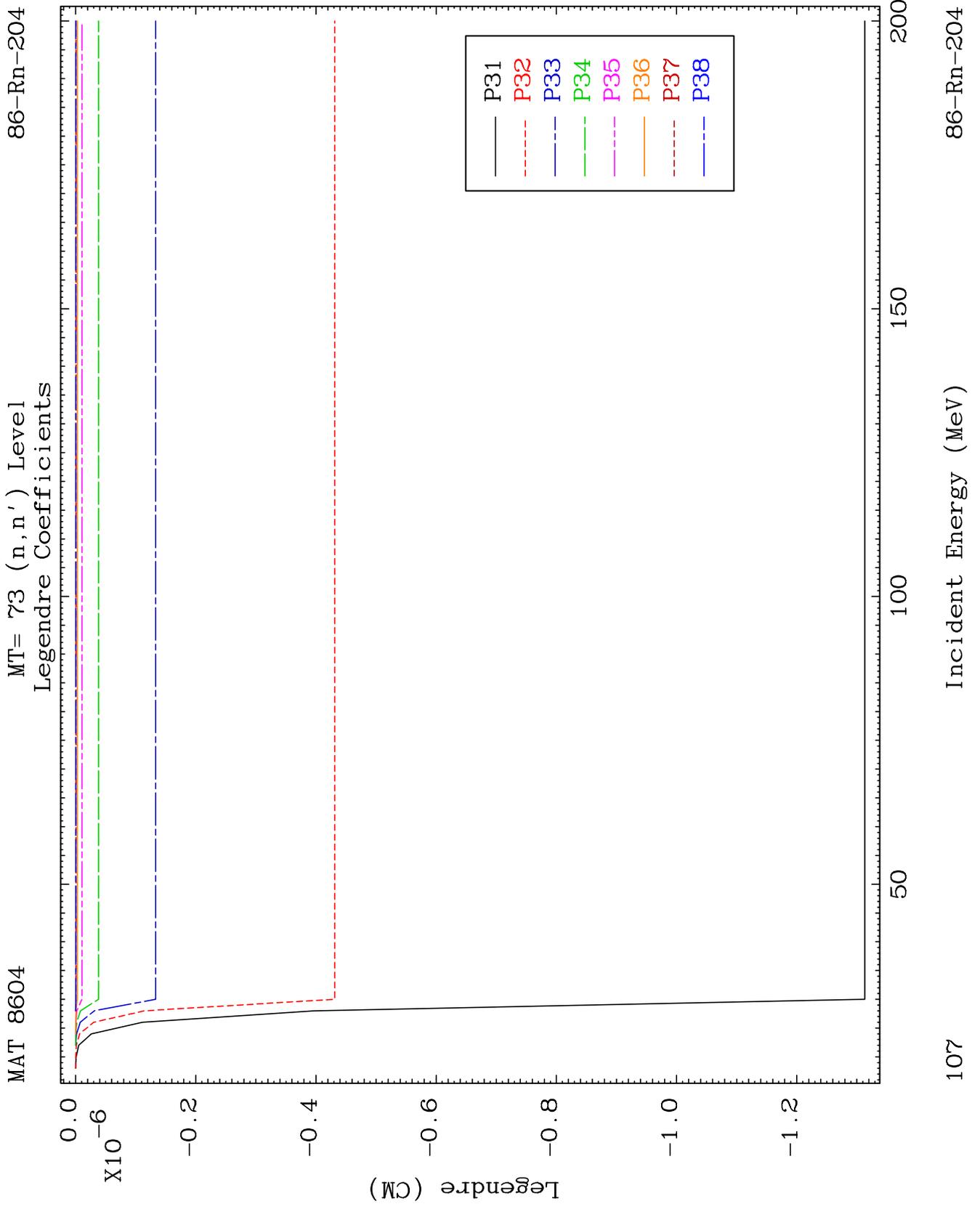
86-Rn-204



106

Incident Energy (MeV)

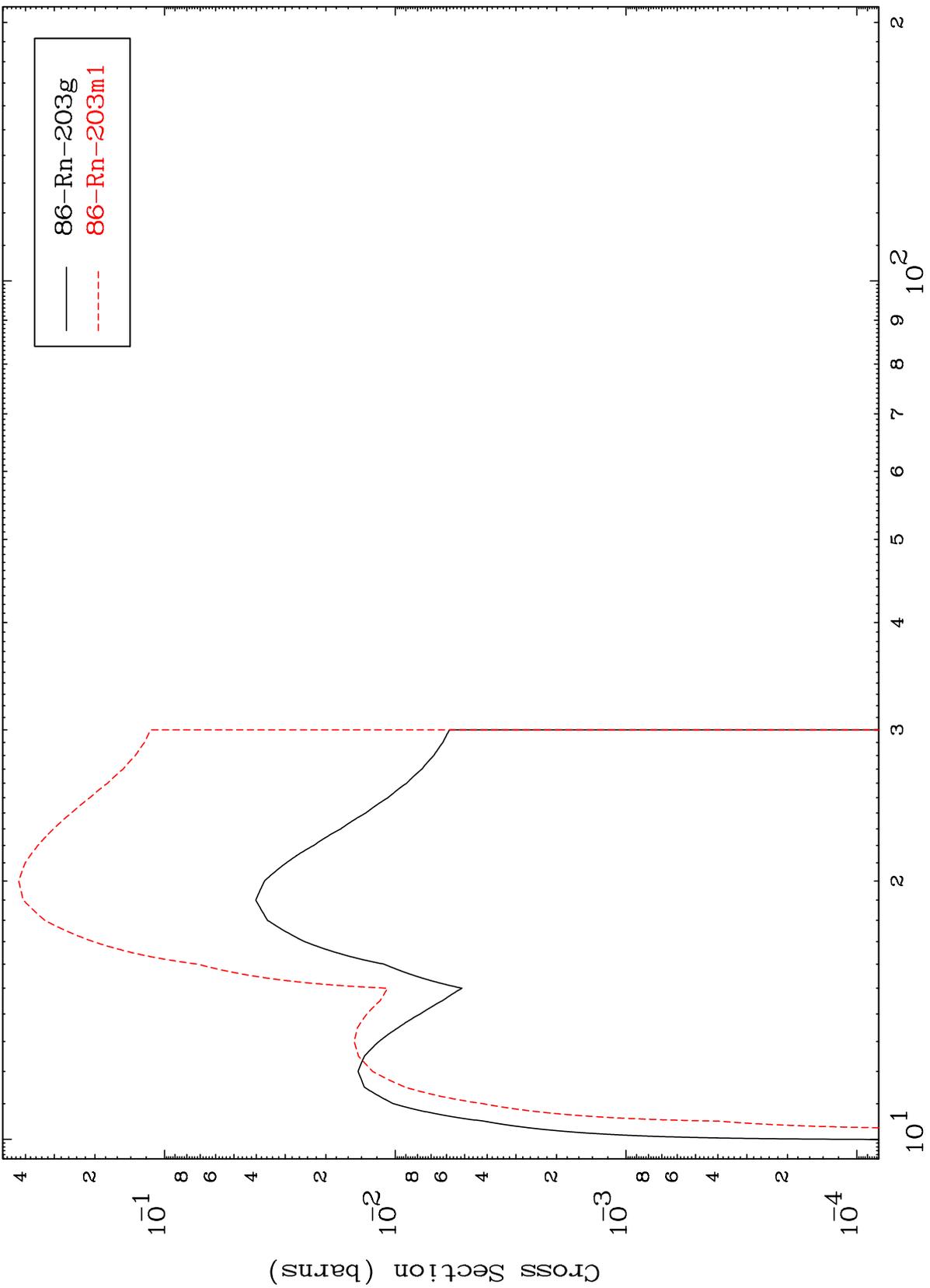
86-Rn-204



MAT 8604

86-Rn-204

(n,2n)
Radionuclide Production Cross Section



86-Rn-204

Incident Energy (MeV)

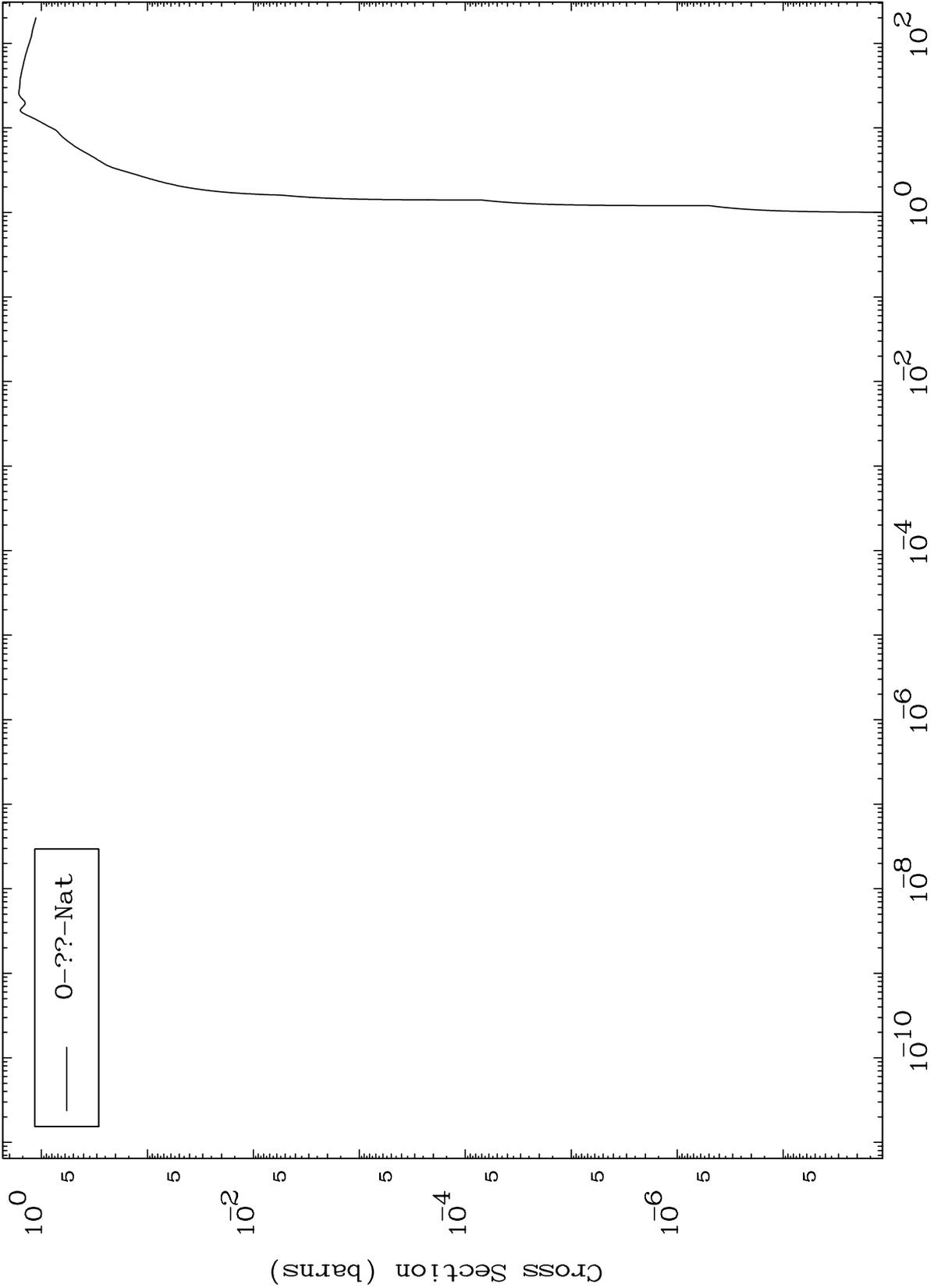
108

MAT 8604

Fission

86-Rn-204

Radionuclide Production Cross Section

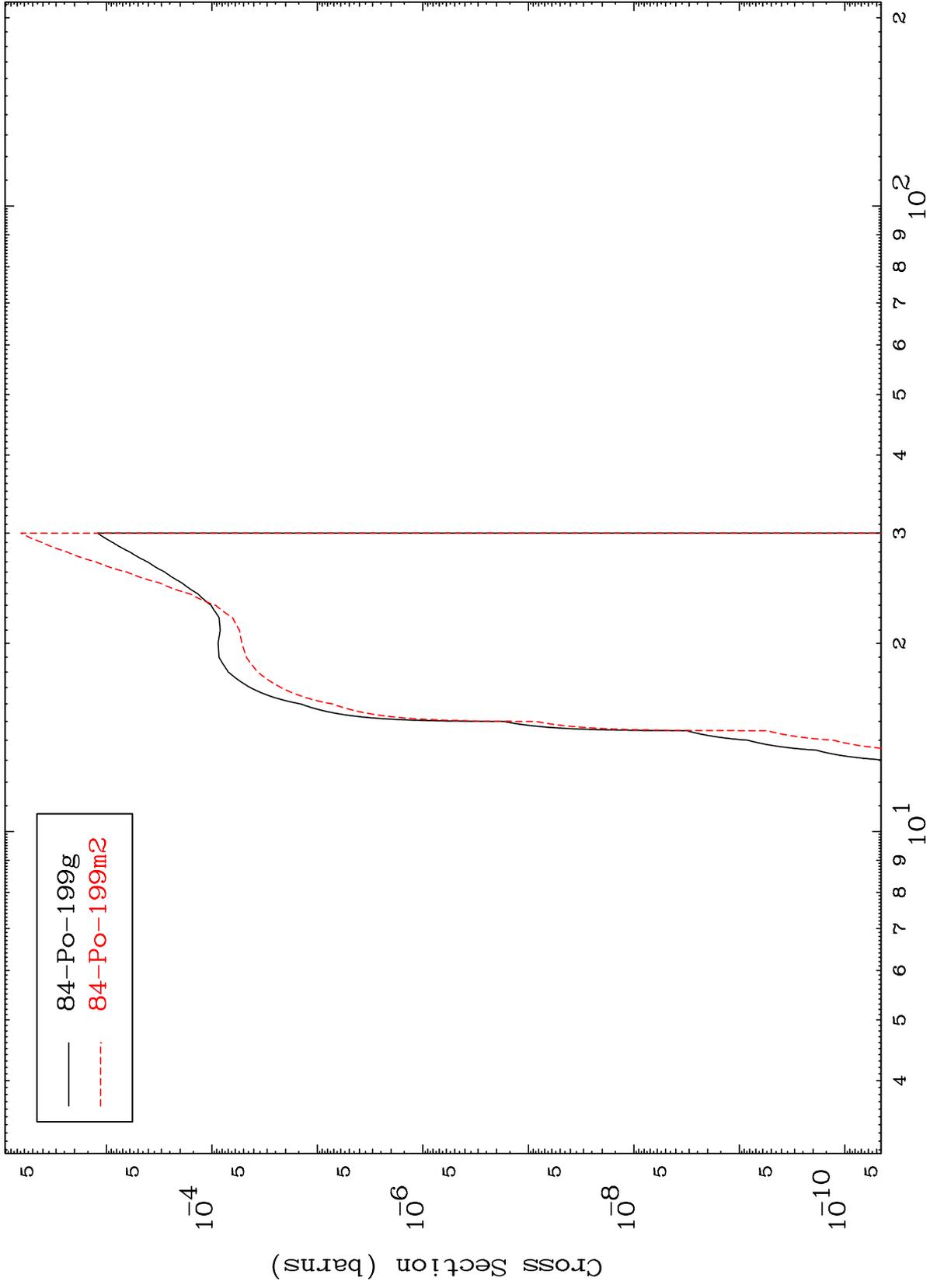


MAT 8604

$(n,2n) \alpha$

86-Rn-204

Radionuclide Production Cross Section



110

Incident Energy (MeV)

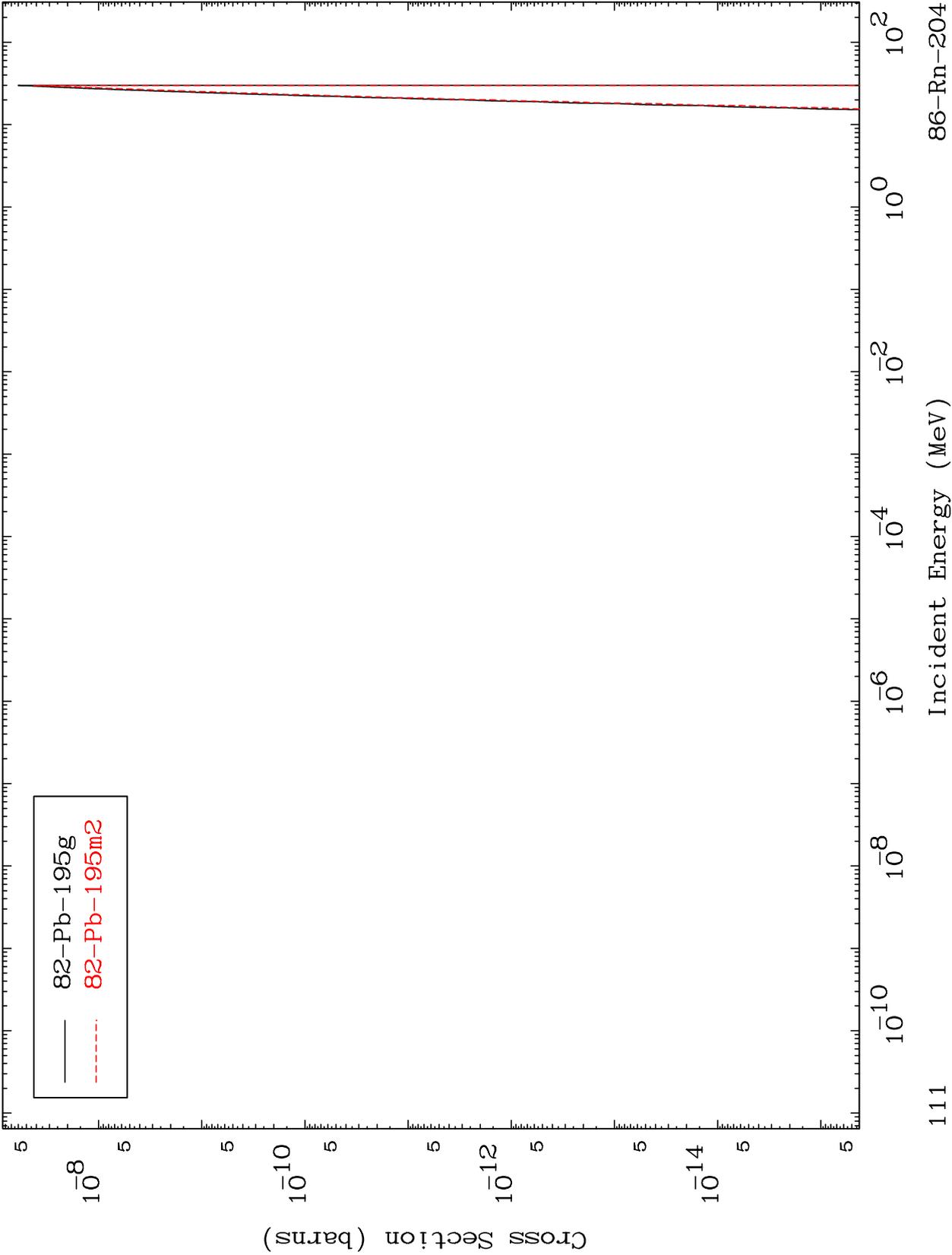
86-Rn-204

MAT 8604

$(n,2n) 2\alpha$

86-Rn-204

Radionuclide Production Cross Section

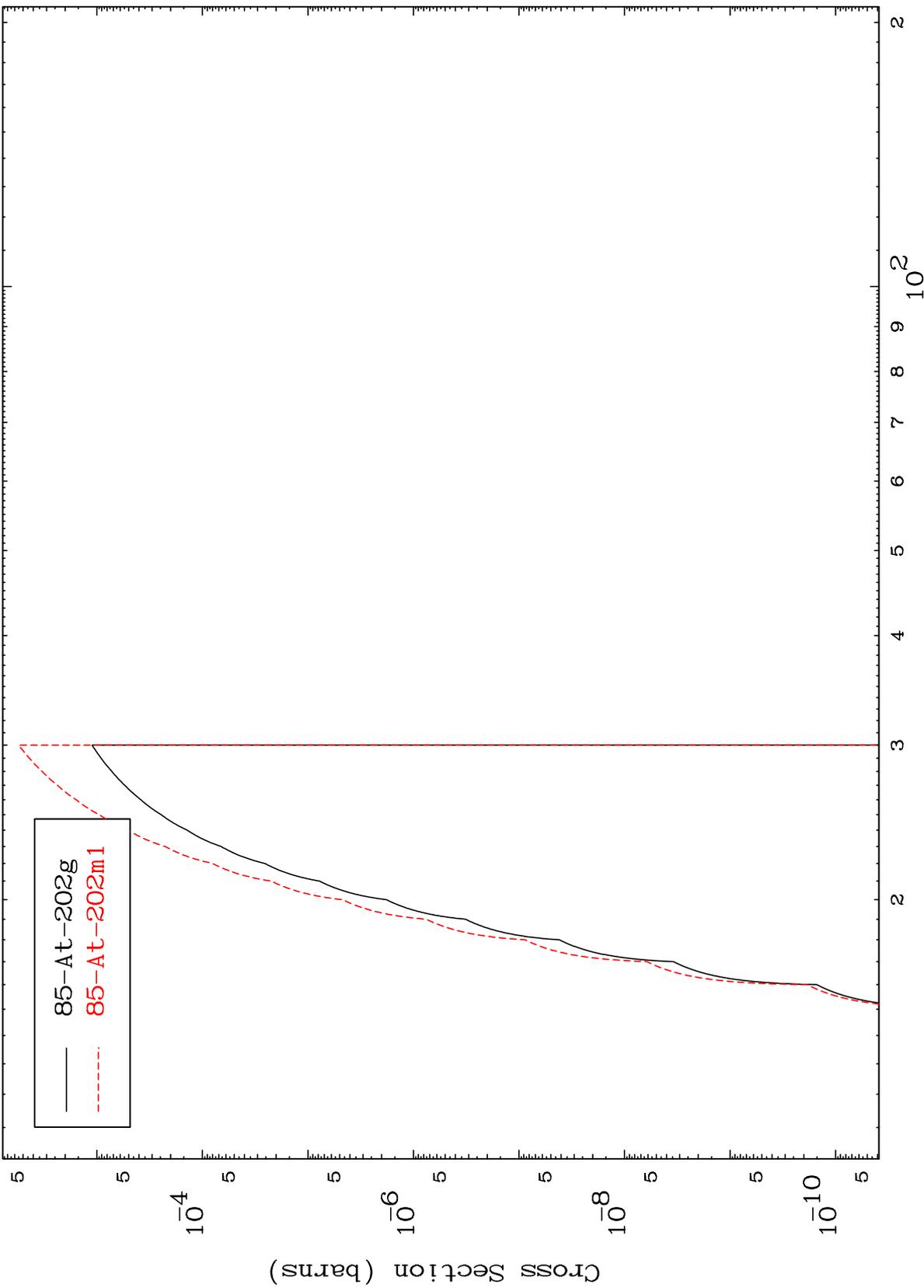


MAT 8604

(n,n') d

86-Rn-204

Radionuclide Production Cross Section



112

Incident Energy (MeV)

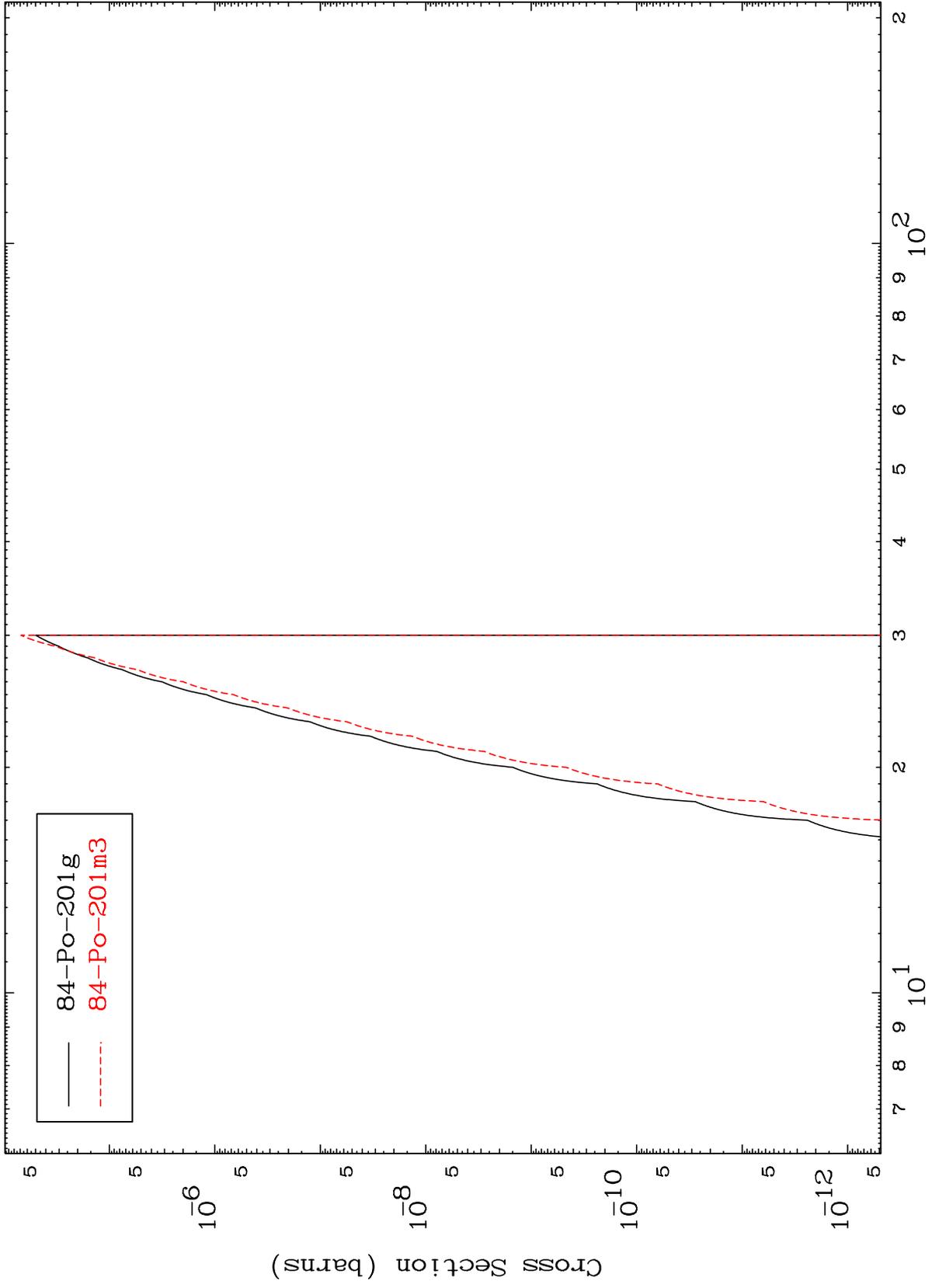
86-Rn-204

MAT 8604

(n,n') He-3

86-Rn-204

Radionuclide Production Cross Section



113

Incident Energy (MeV)

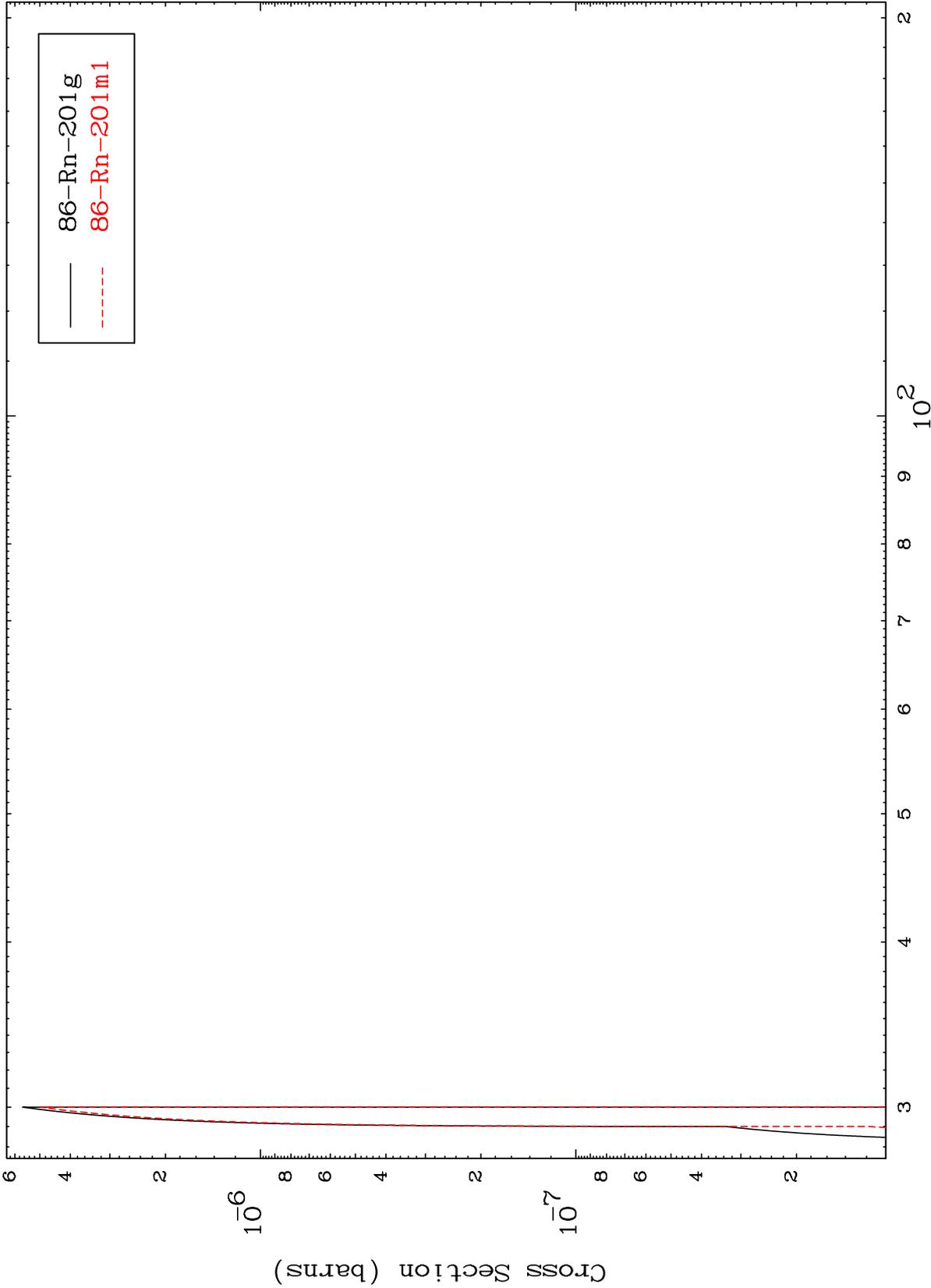
86-Rn-204

MAT 8604

(n,4n)

86-Rn-204

Radionuclide Production Cross Section



114

Incident Energy (MeV)

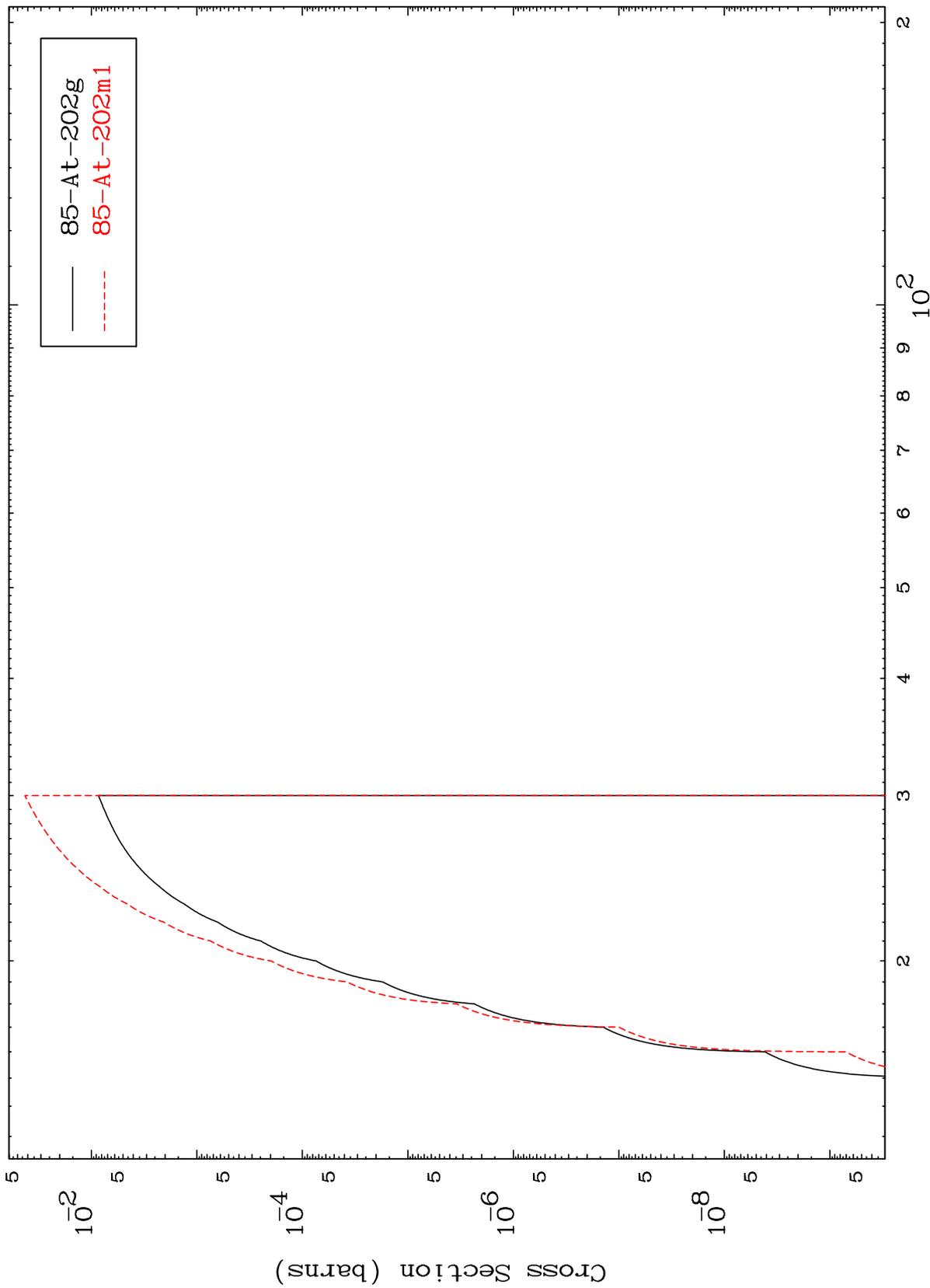
86-Rn-204

MAT 8604

(n,2n) p

86-Rn-204

Radionuclide Production Cross Section



85-At-202g
85-At-202m1

115

Incident Energy (MeV)

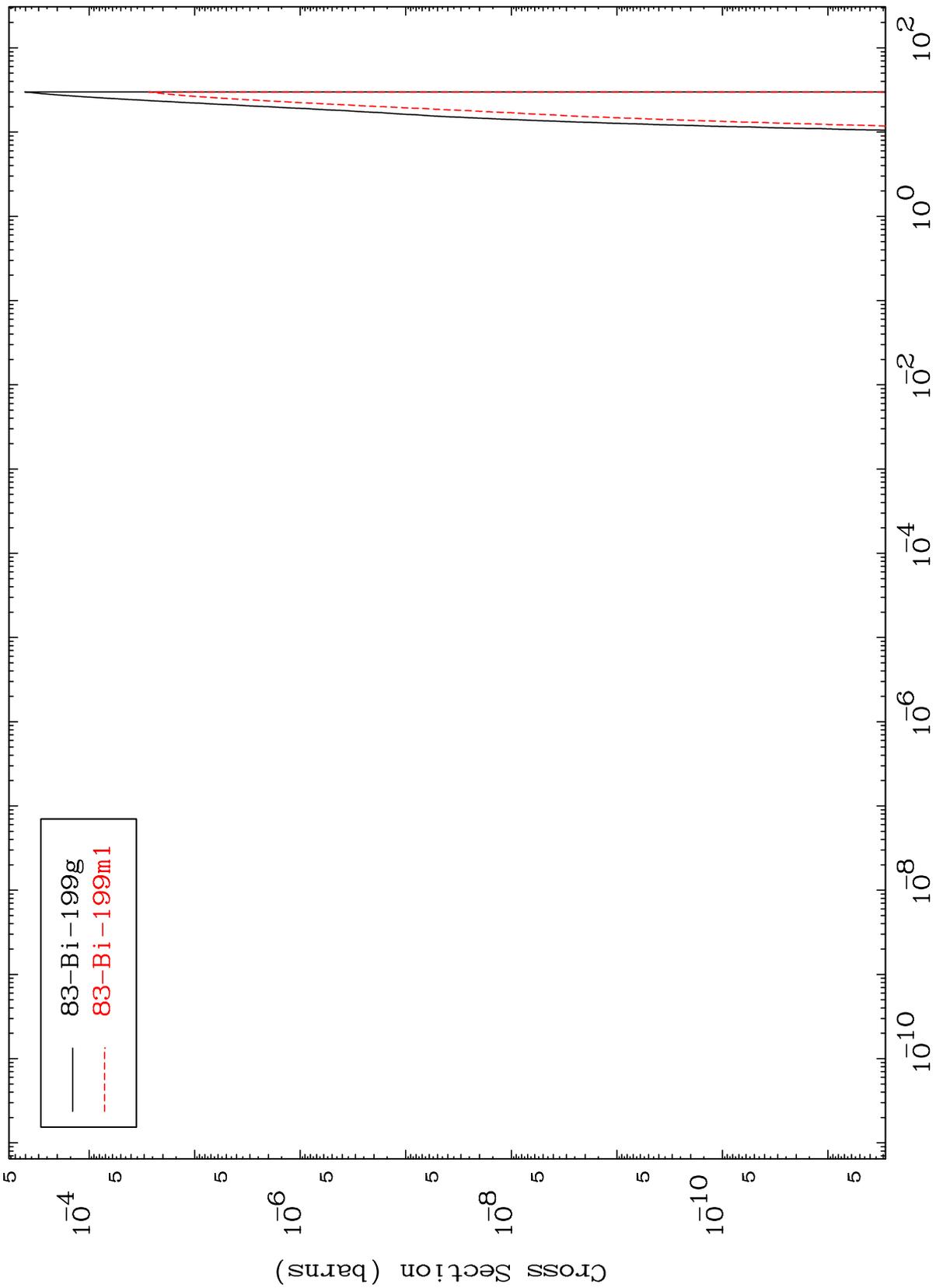
86-Rn-204

MAT 8604

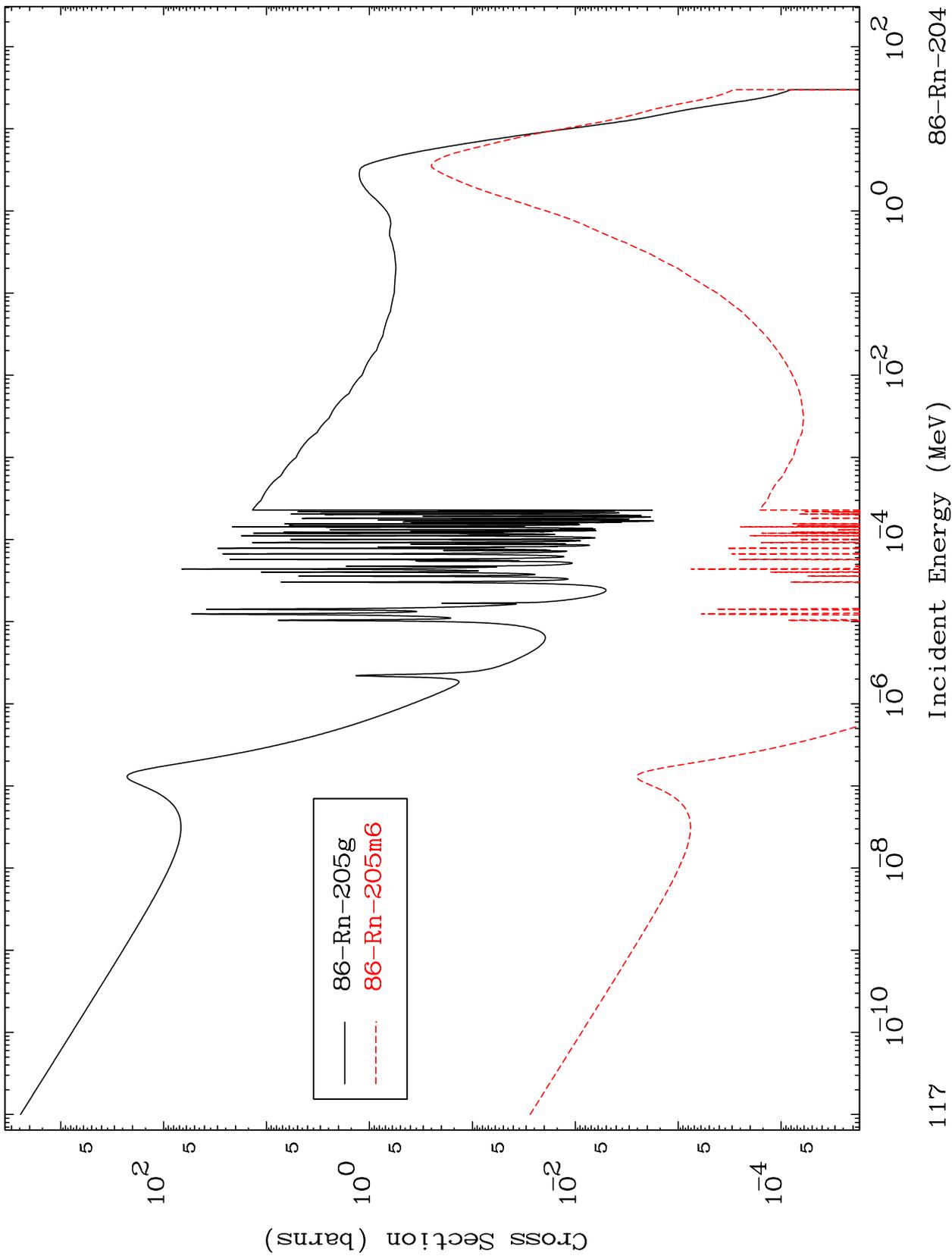
(n,n') p α

86-Rn-204

Radionuclide Production Cross Section



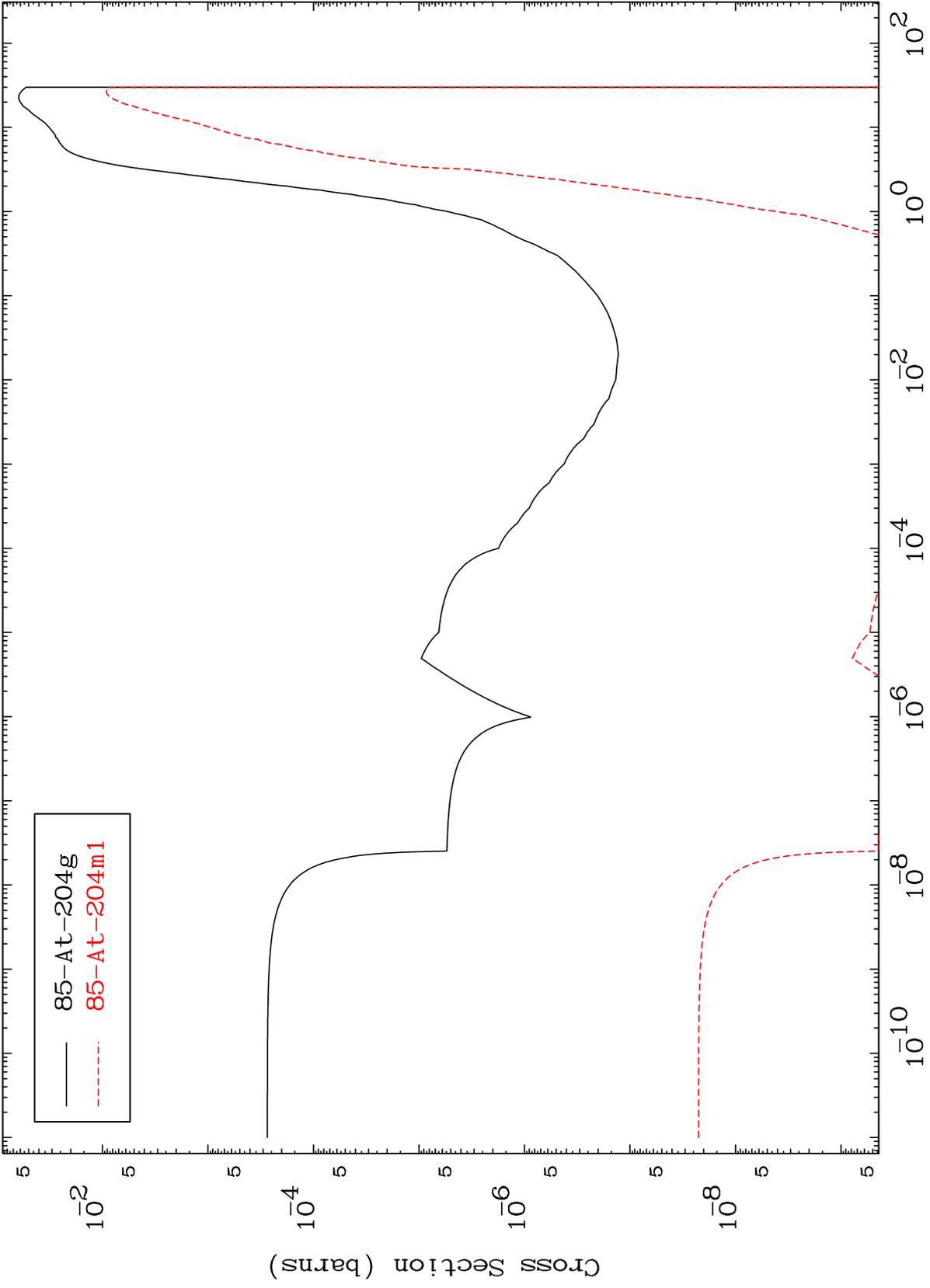
(n, γ)
Radionuclide Production Cross Section



MAT 8604

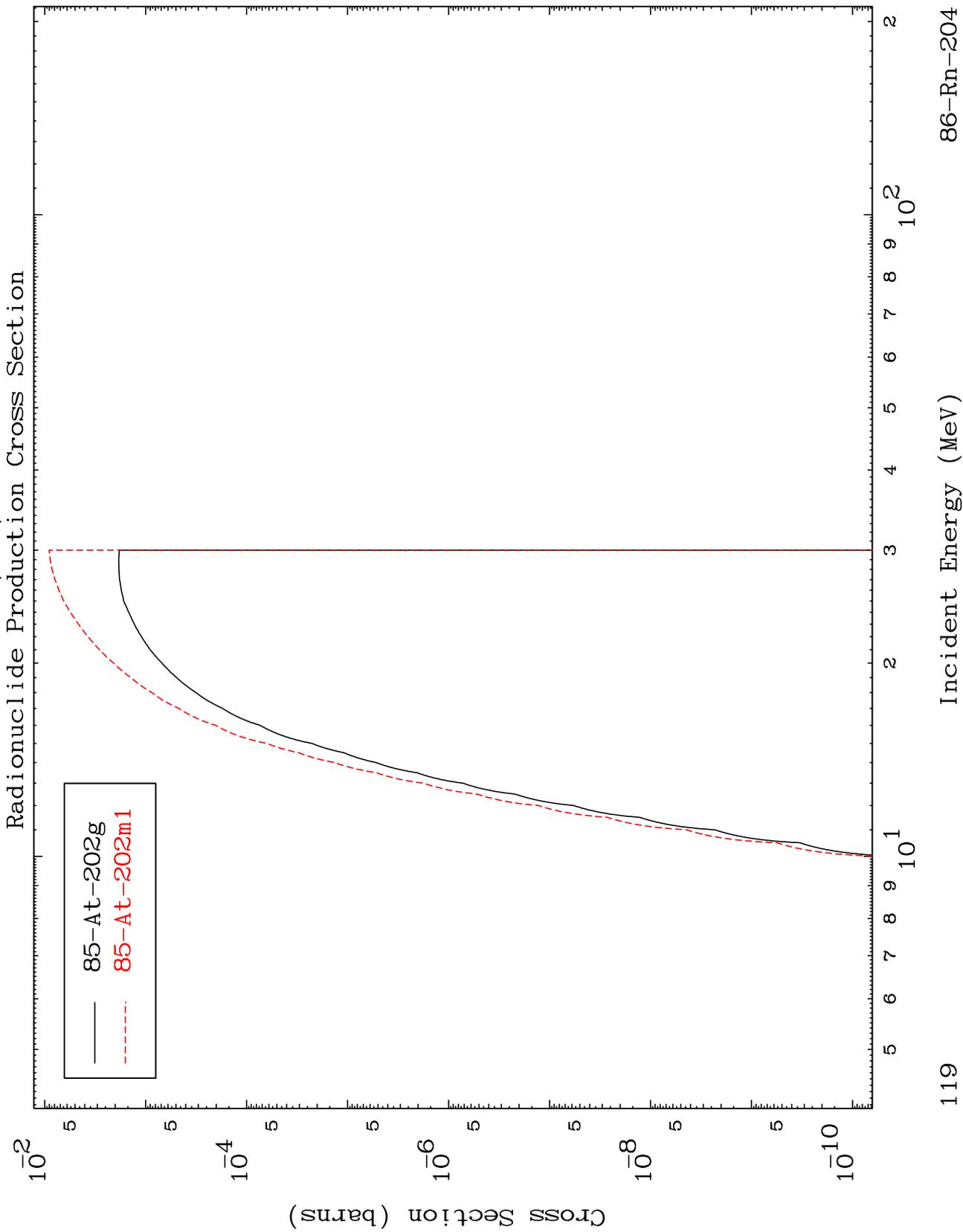
Radionuclide Production Cross Section
(n,p)

86-Rn-204

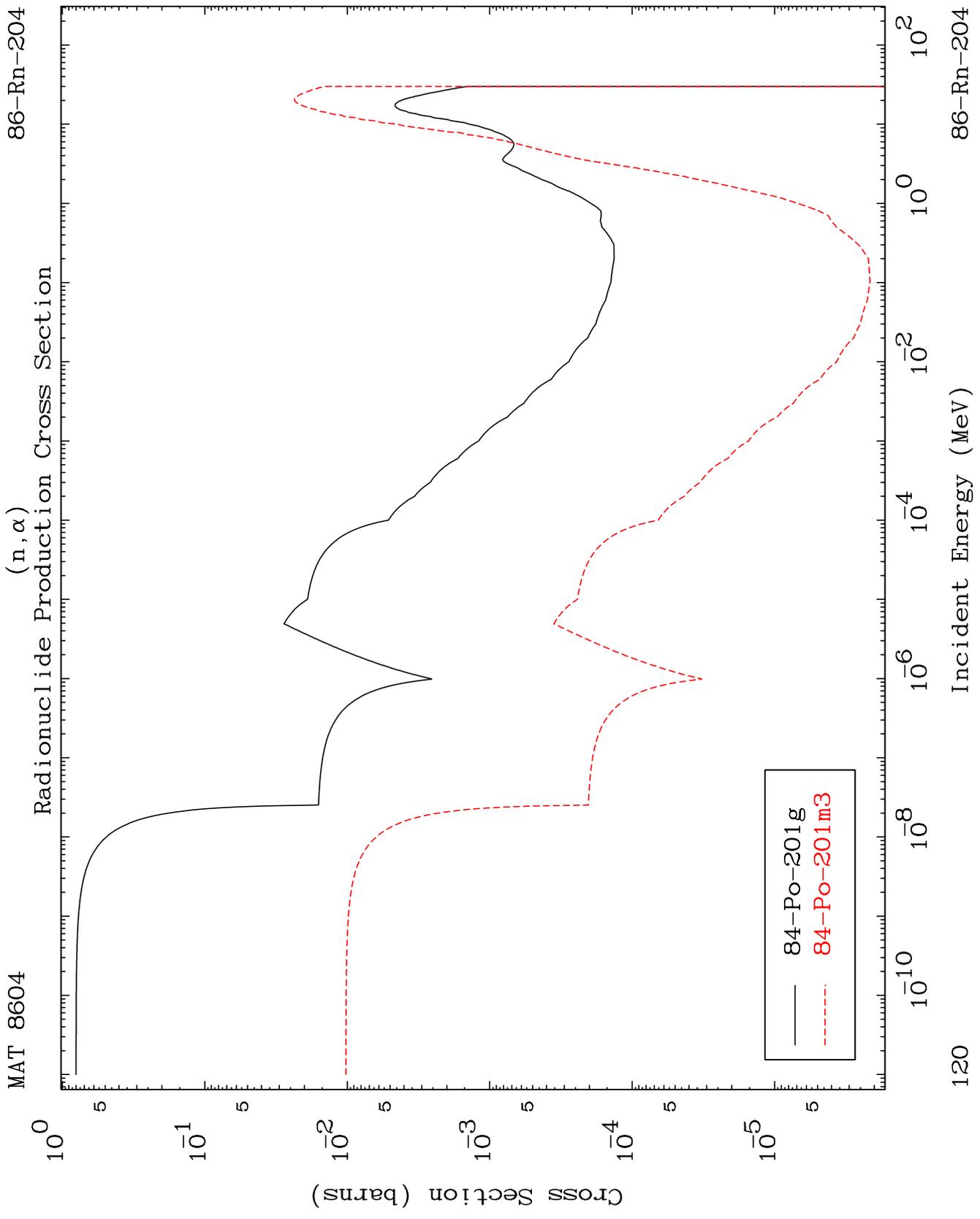


MAT 8604

86-Rn-204



— 85-At-202g
- - - 85-At-202m1

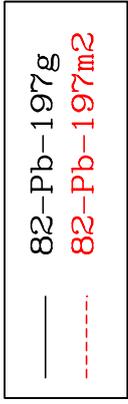


MAT 8604

(n,2α)

86-Rn-204

Radionuclide Production Cross Section

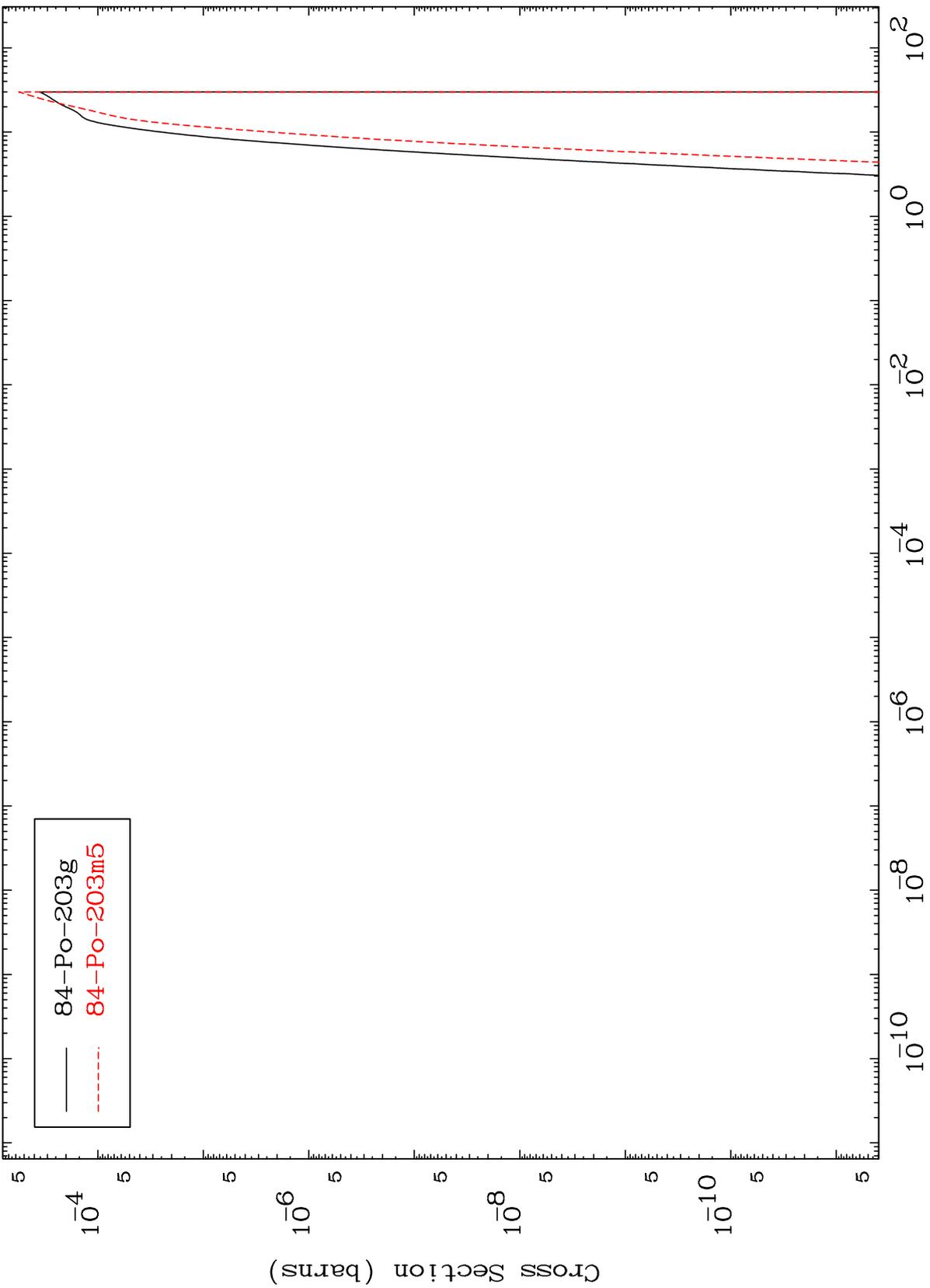


MAT 8604

(n,2p)

86-Rn-204

Radionuclide Production Cross Section

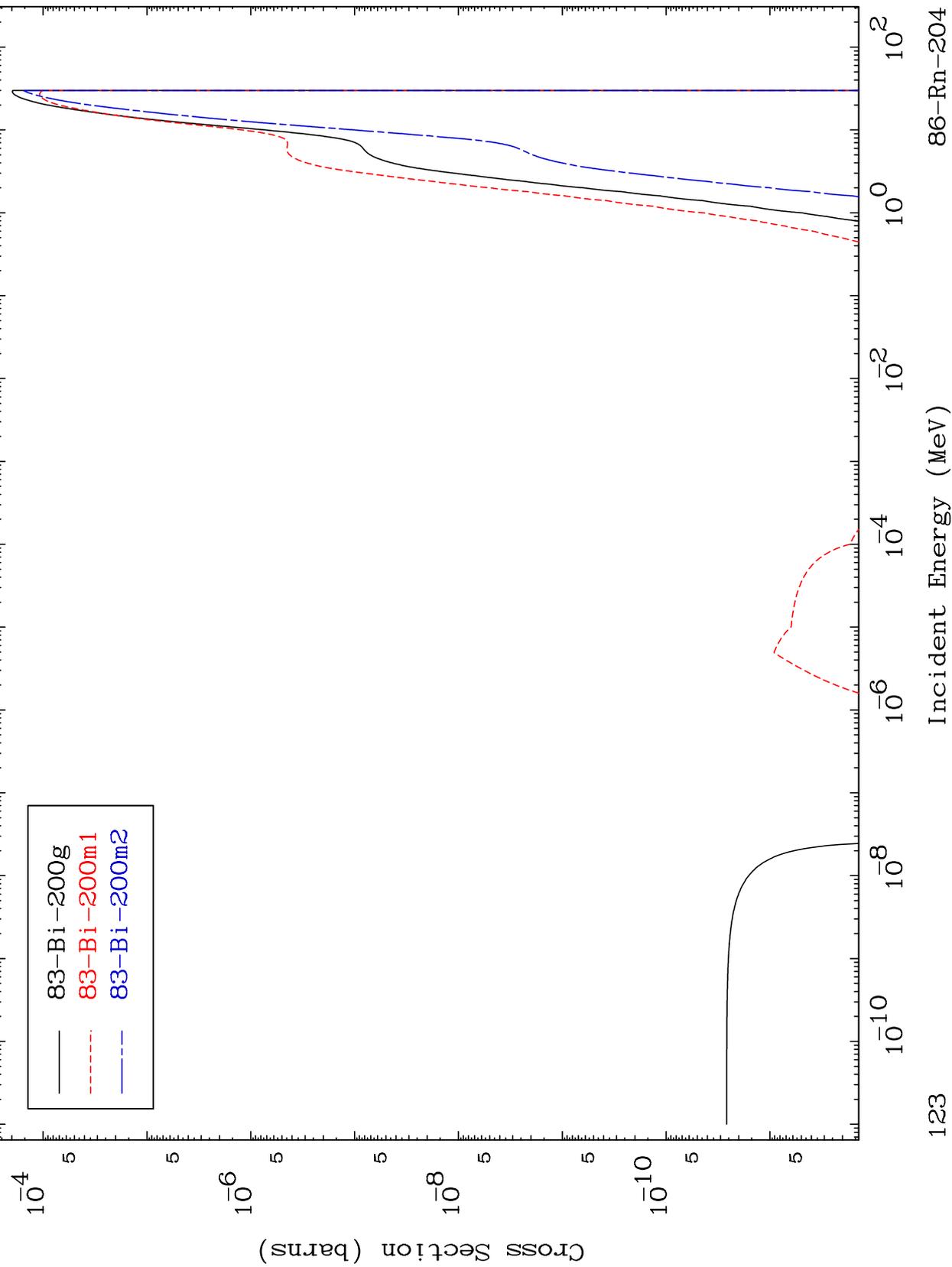


MAT 8604

(n,p) α

86-Rn-204

Radionuclide Production Cross Section

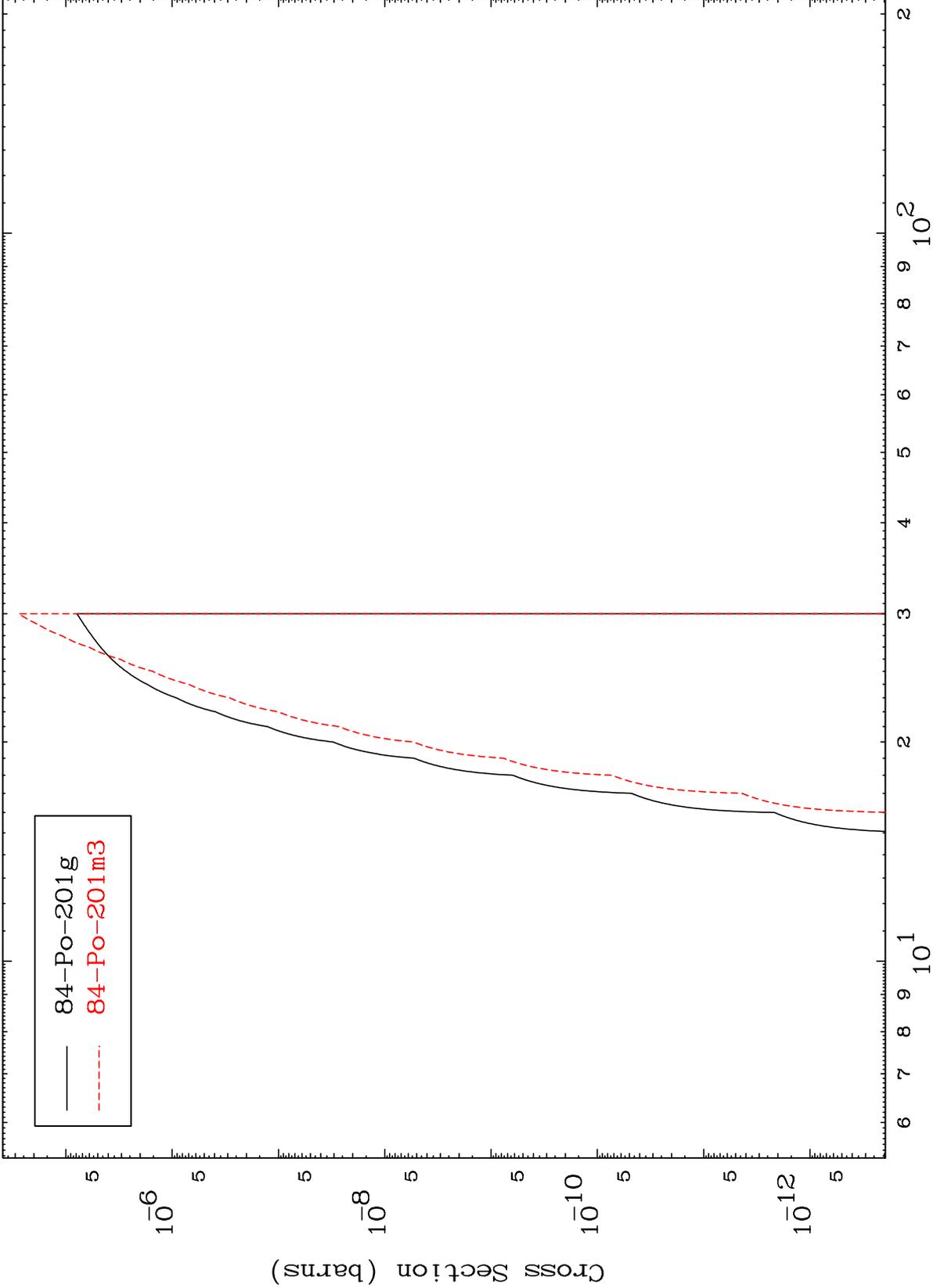


MAT 8604

(n,p) t

86-Rn-204

Radionuclide Production Cross Section



84-Po-201g
84-Po-201m3

124

Incident Energy (MeV)

86-Rn-204

MAT 8604

(n,d) α

86-Rn-204

Radionuclide Production Cross Section

