

Program EVALPLOT
(Version 2017-1)

by

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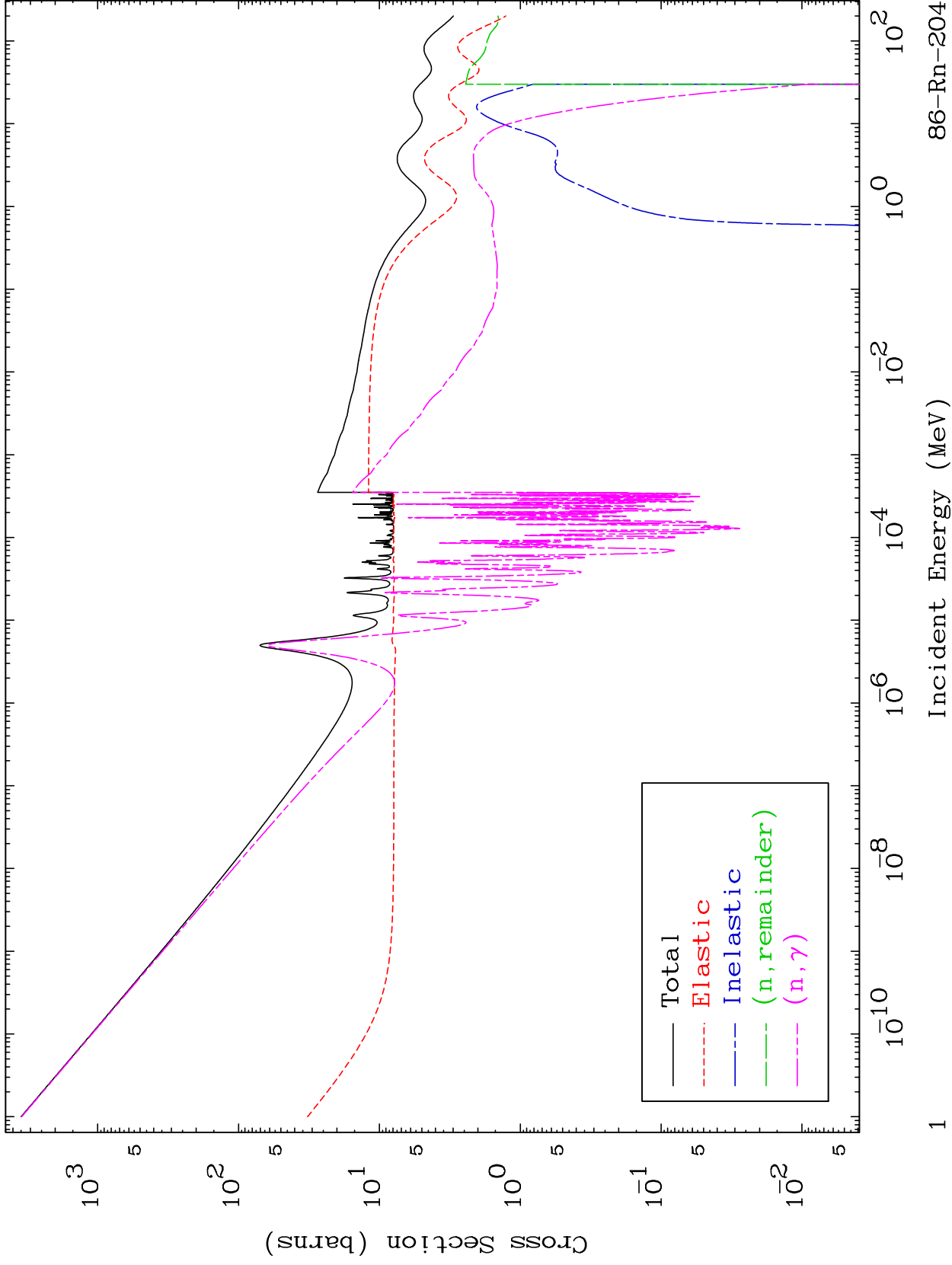
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Press Mouse Button to Start

MAT 8604

Major
293 Kelvin Cross Sections

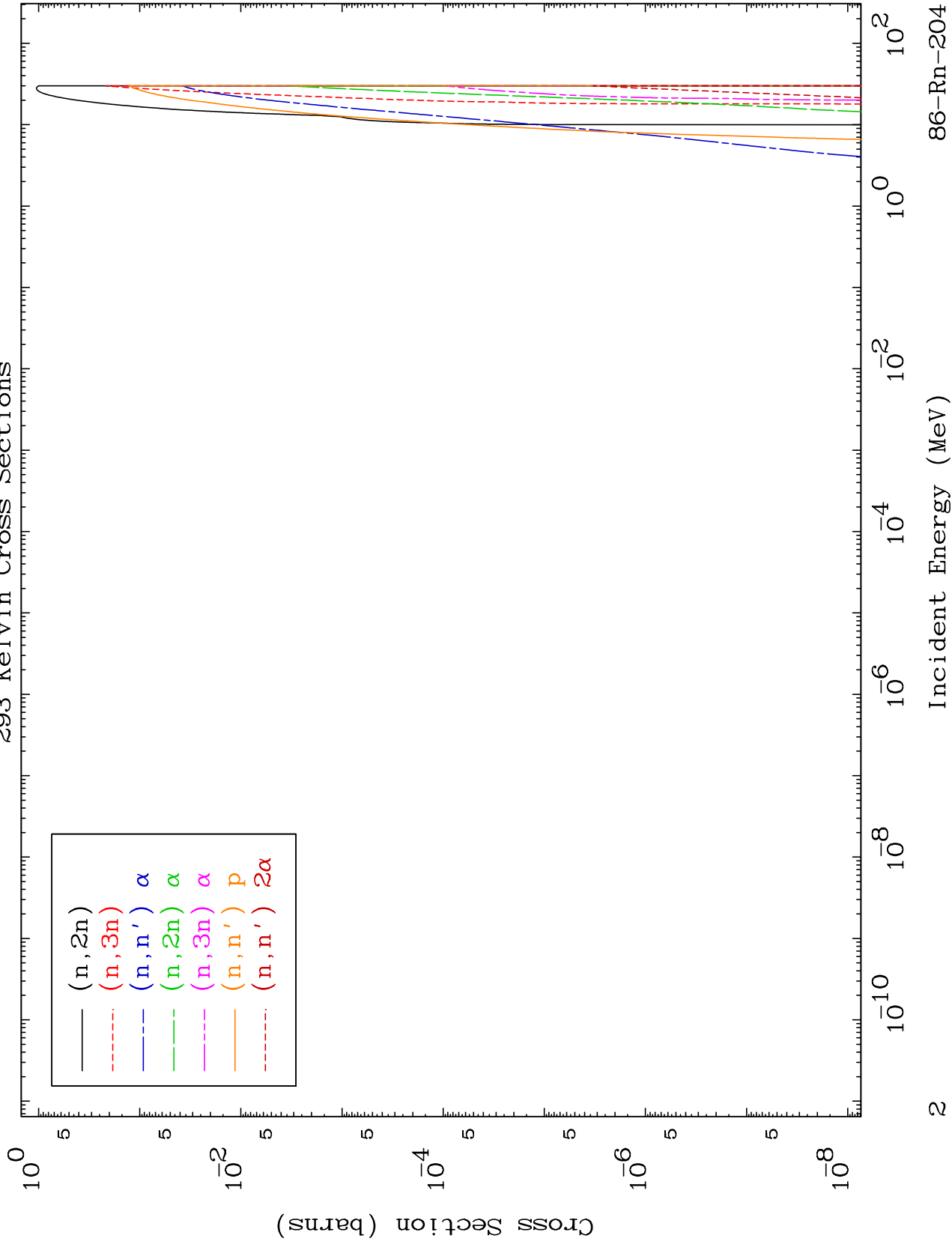
86-Rn-204



MAT 8604

Neutron Production
293 Kelvin Cross Sections

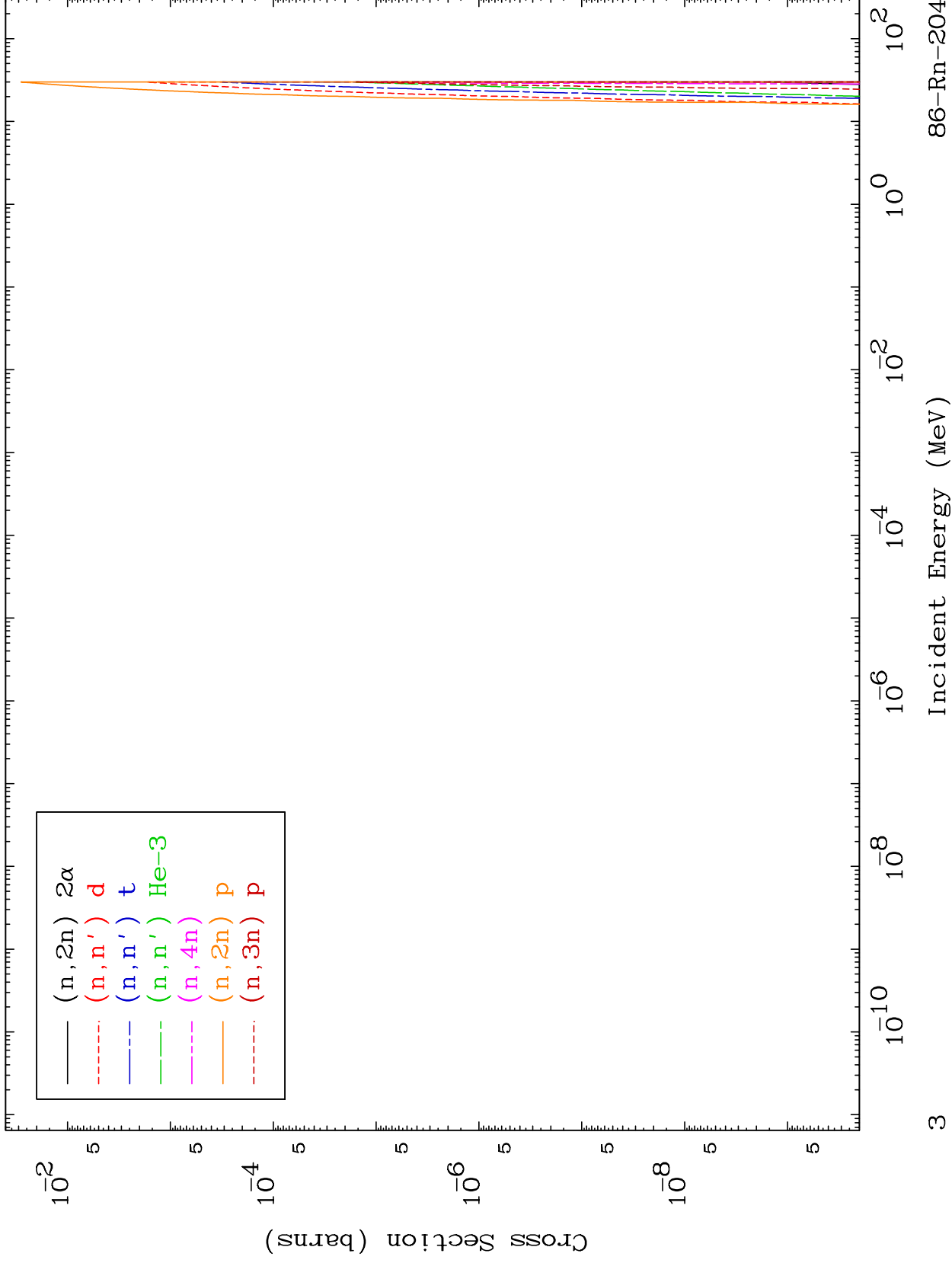
86-Rn-204



MAT 8604

Neutron Production
293 Kelvin Cross Sections

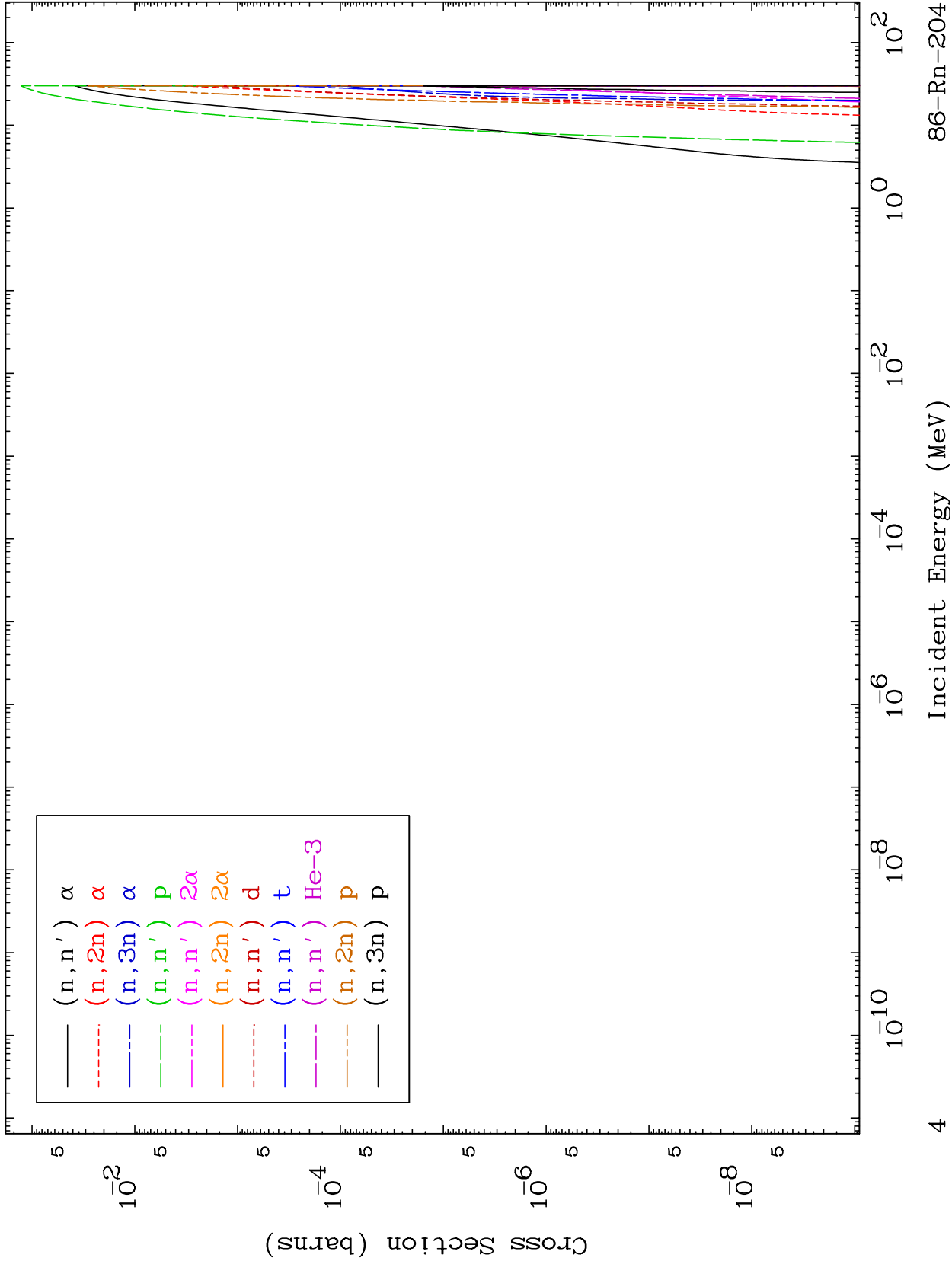
86-Rn-204



MAT 8604

Charged Particle
293 Kelvin Cross Sections

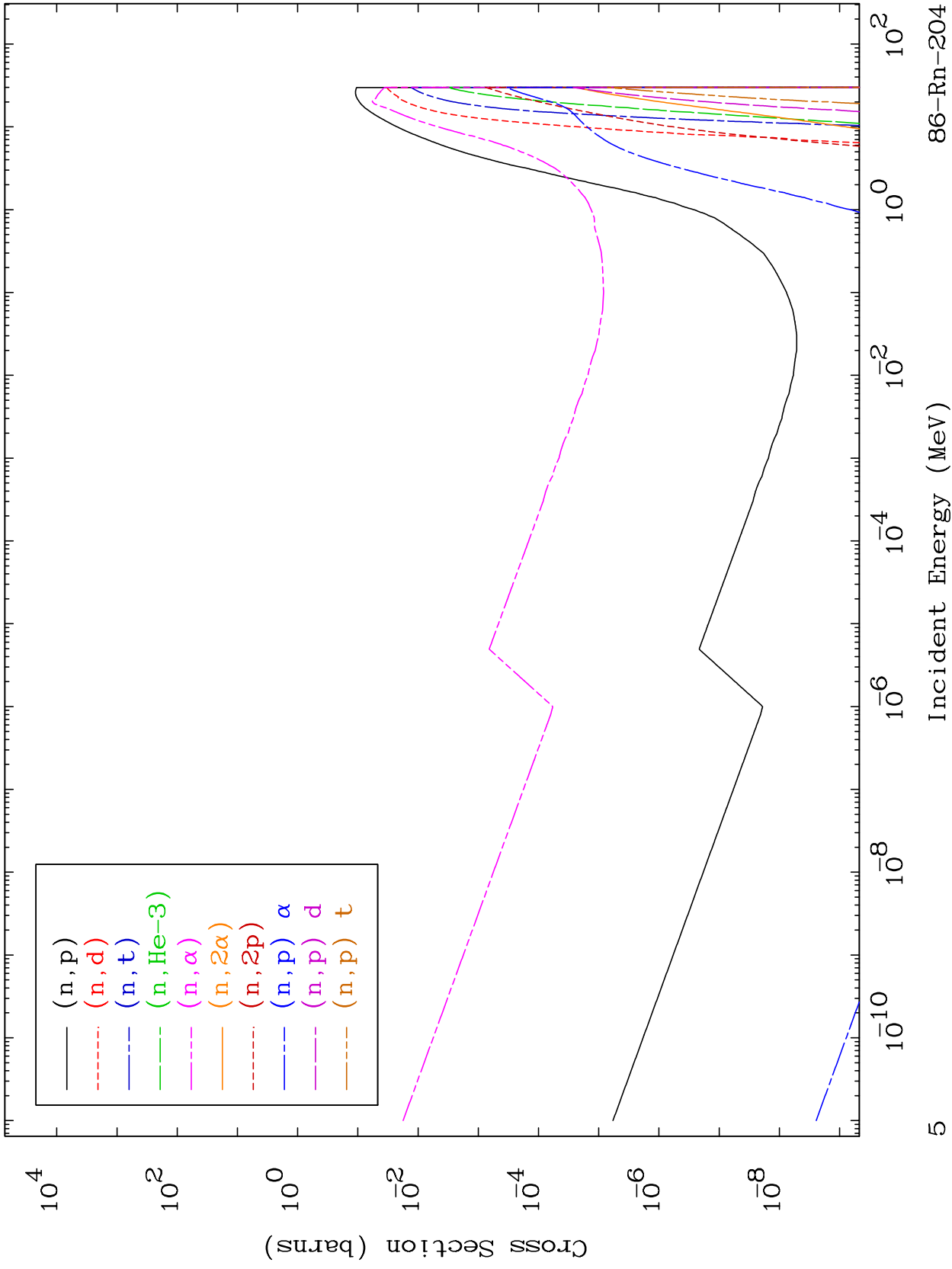
86-Rn-204

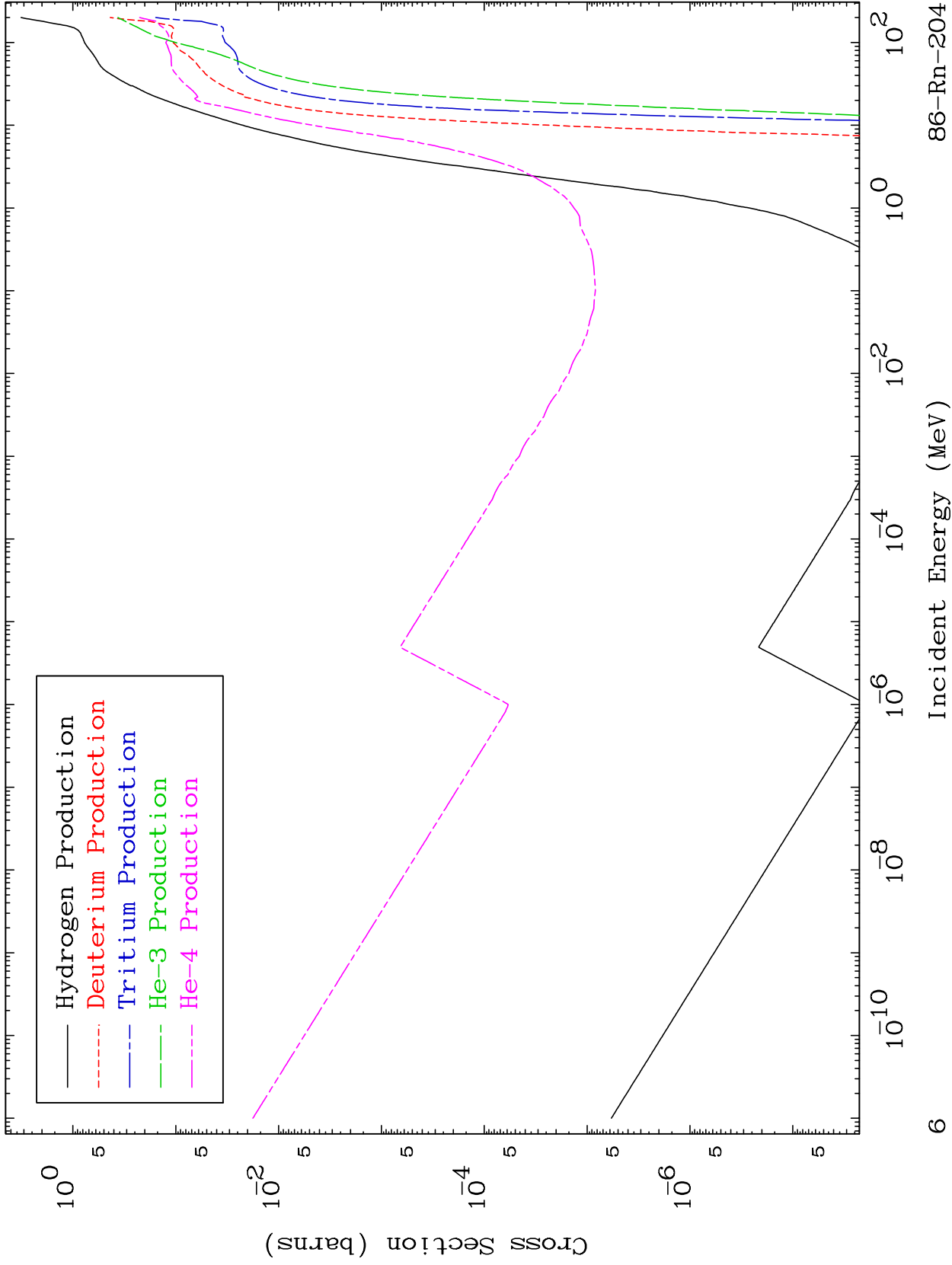


MAT 8604

Charged Particle
293 Kelvin Cross Sections

86-Rn-204

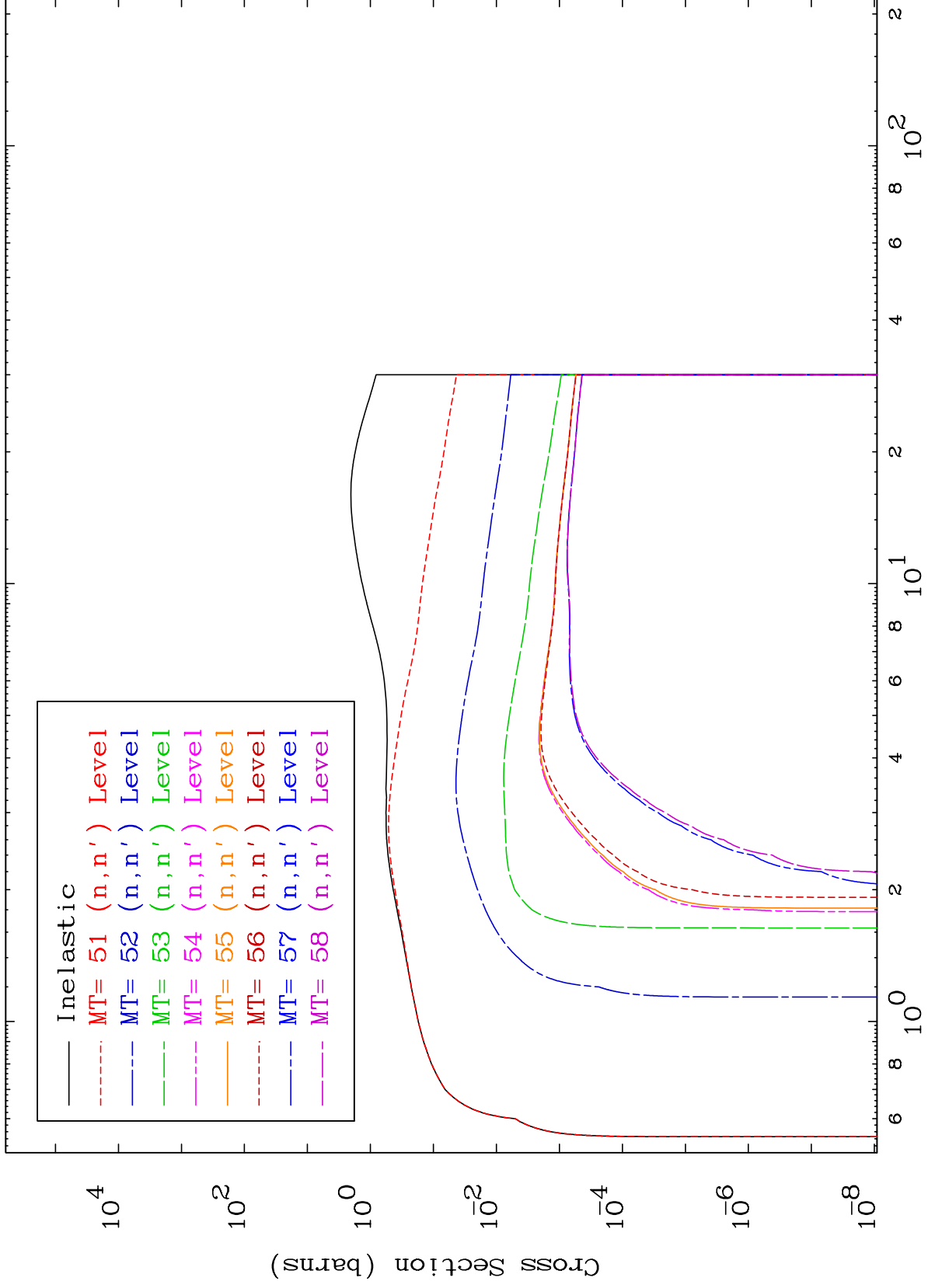




MAT 8604

(n,n') Level
293 Kelvin Cross Sections

86-Rn-204

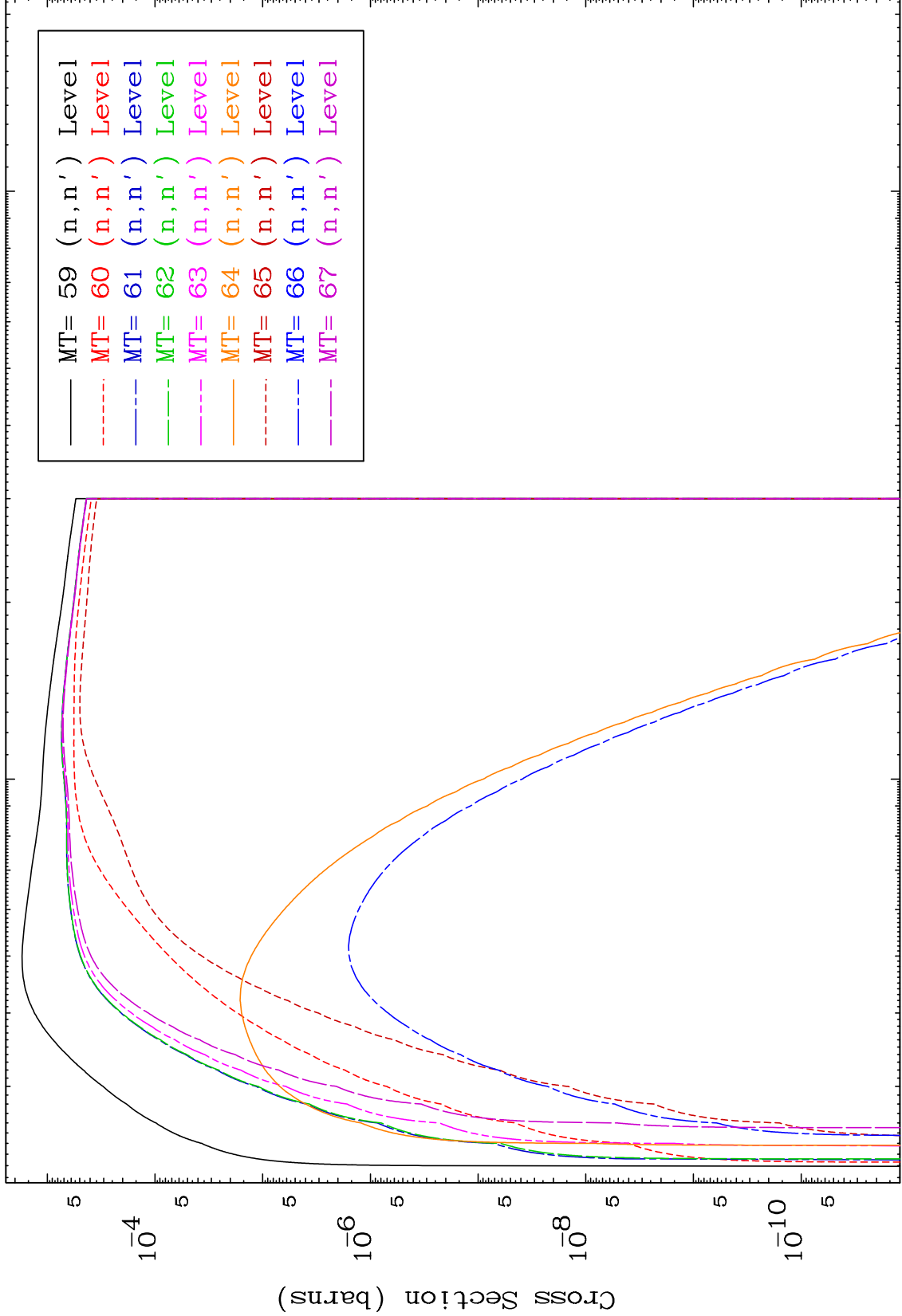


MAT 8604

(n,n') Level

86-Rn-204

293 Kelvin Cross Sections

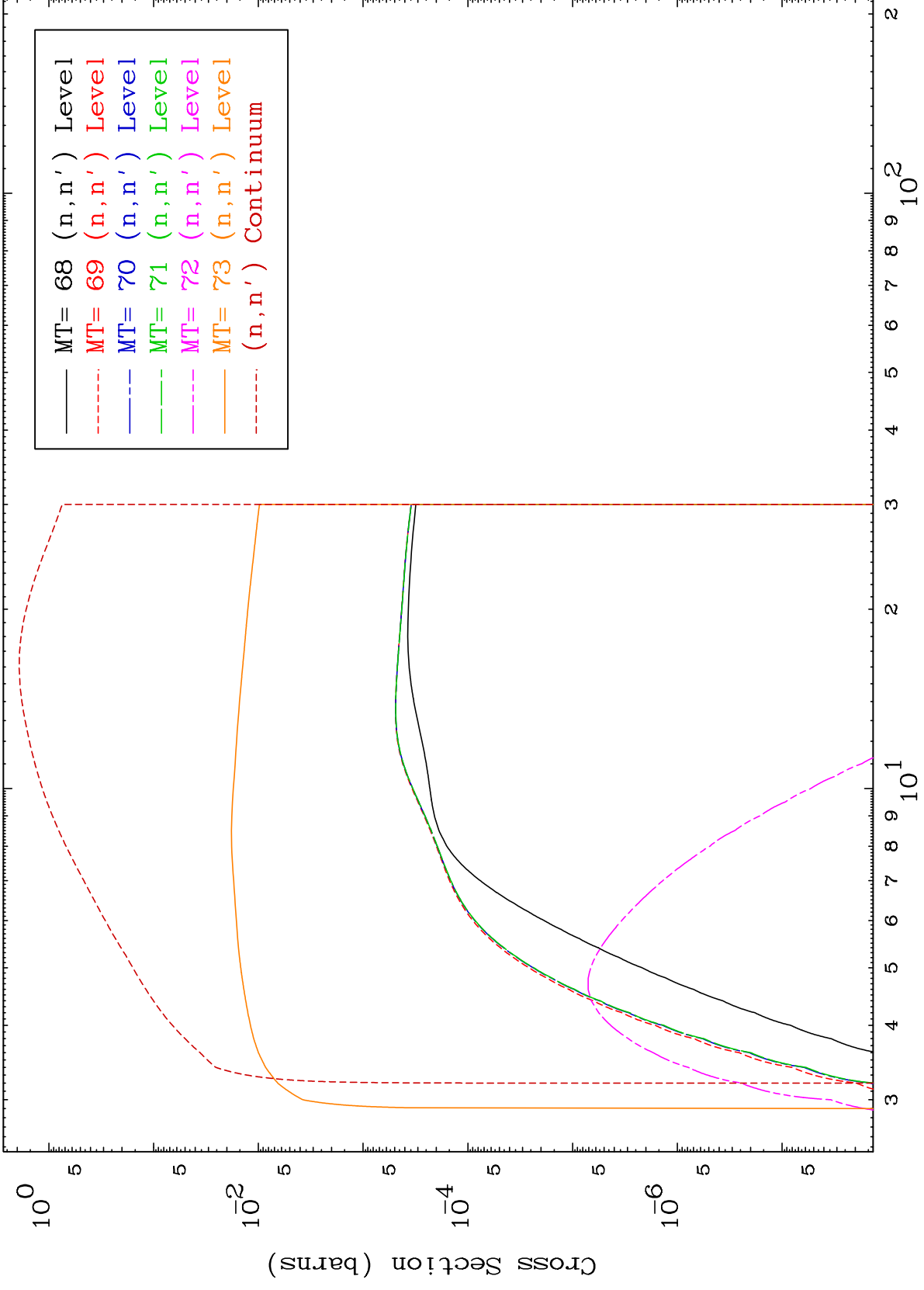


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Incident Energy (MeV)

86-Rn-204

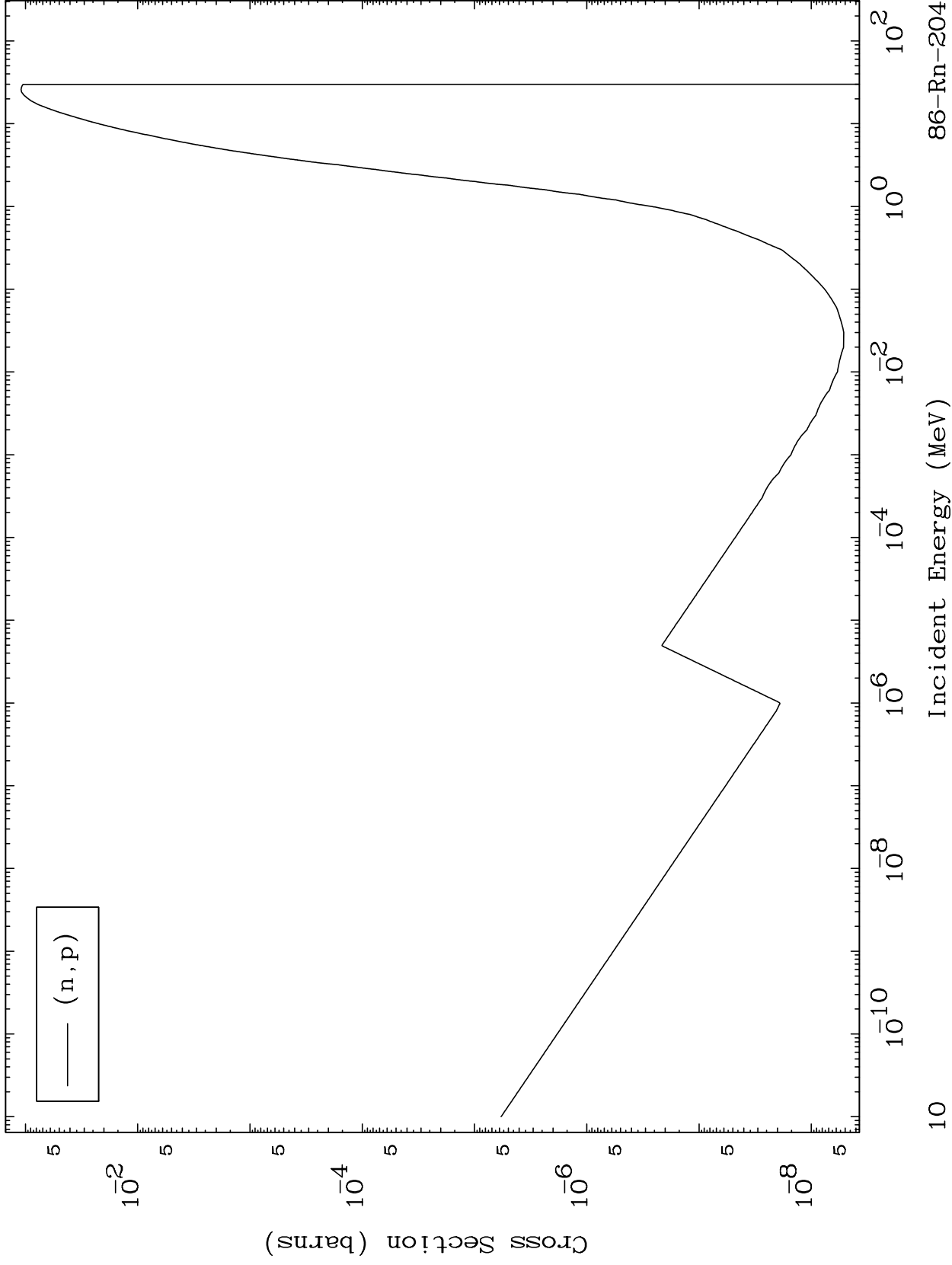
293 Kelvin Cross Sections



MAT 8604

(n,p) Levels
293 Kelvin Cross Sections

86-Rn-204



10

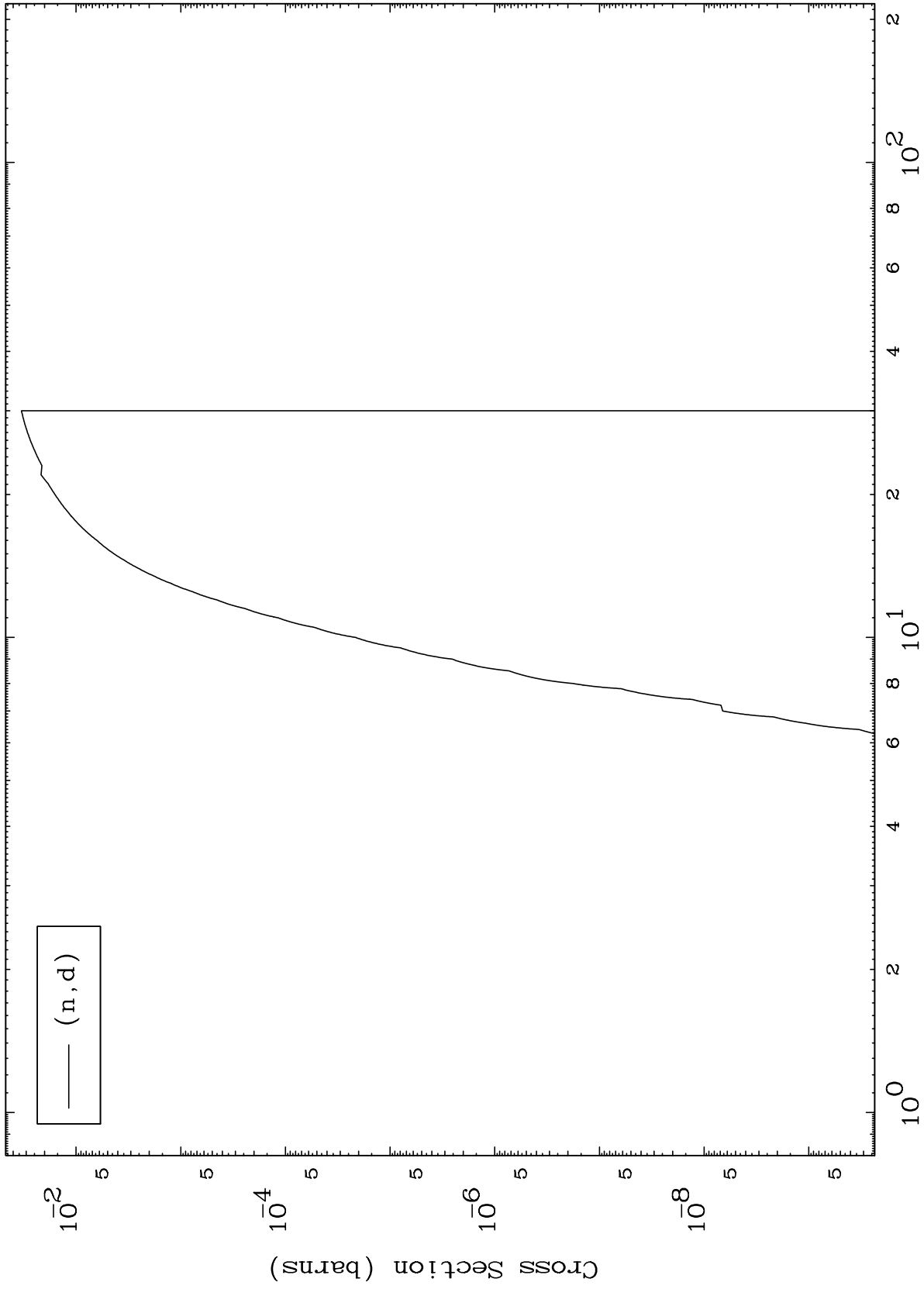
Incident Energy (MeV)

86-Rn-204

MAT 8604

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-204



11

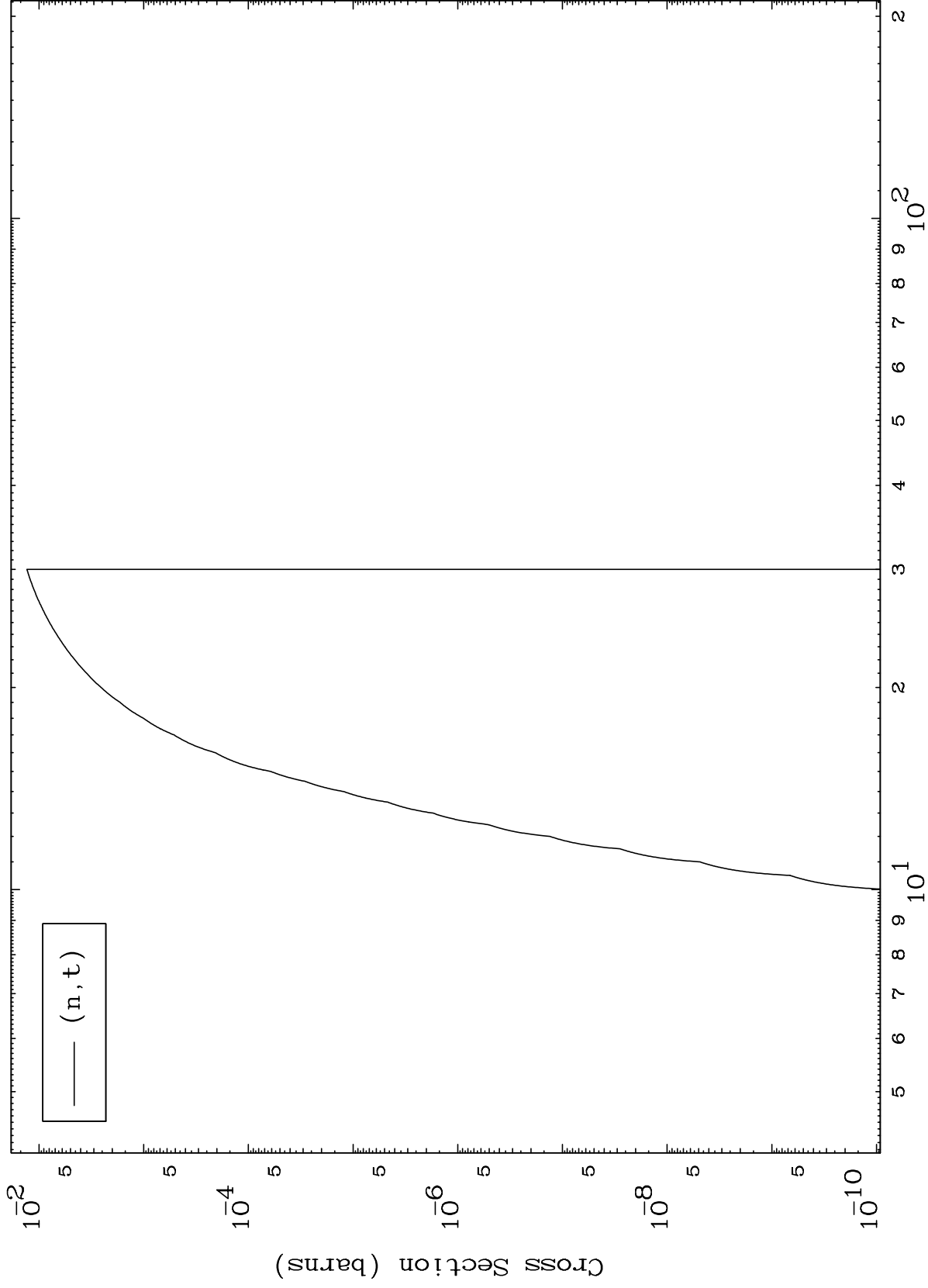
Incident Energy (MeV)

86-Rn-204

MAT 8604

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-204



12

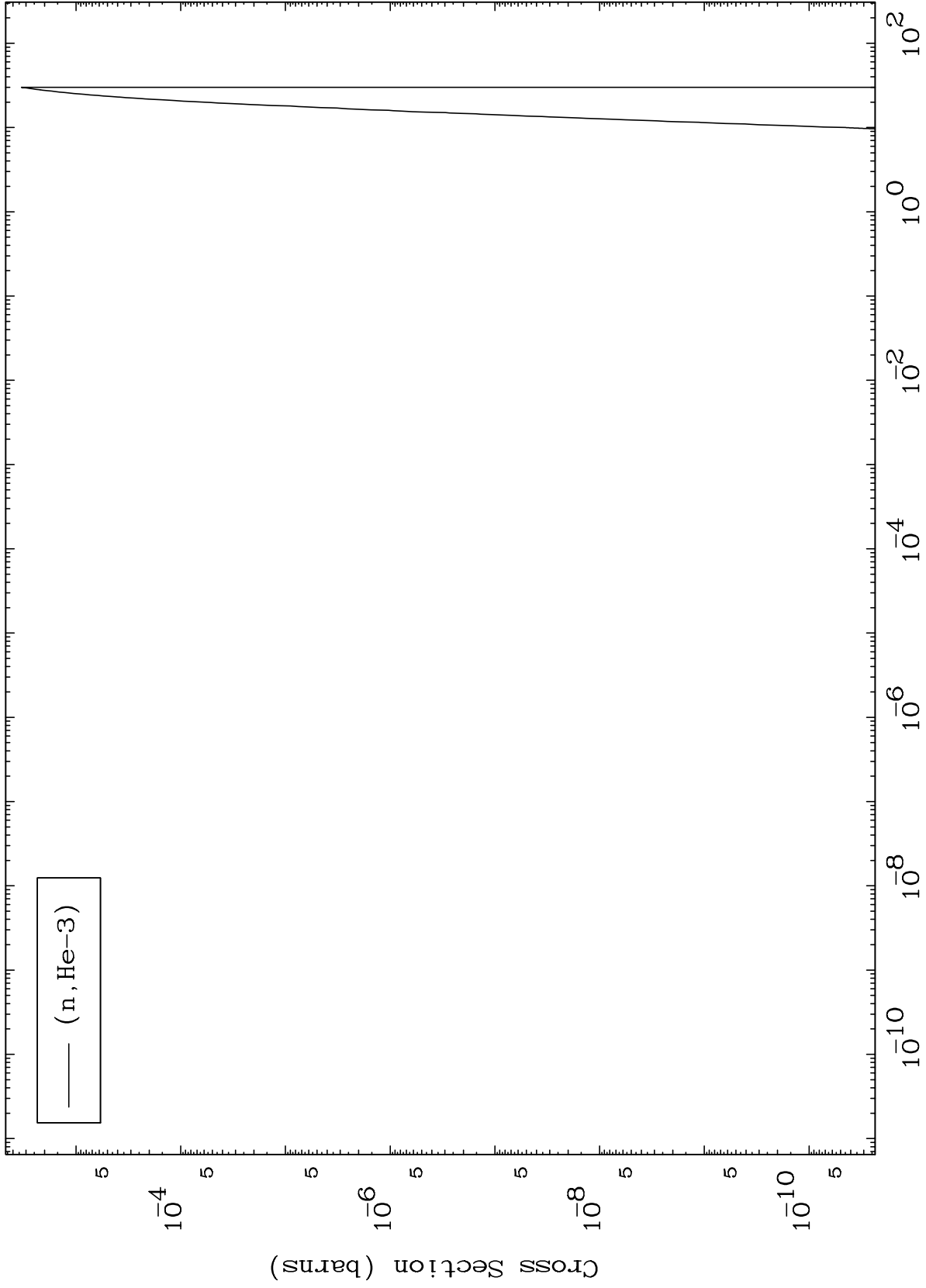
Incident Energy (MeV)

86-Rn-204

MAT 8604

(n,He3) Levels
293 Kelvin Cross Sections

86-Rn-204



13

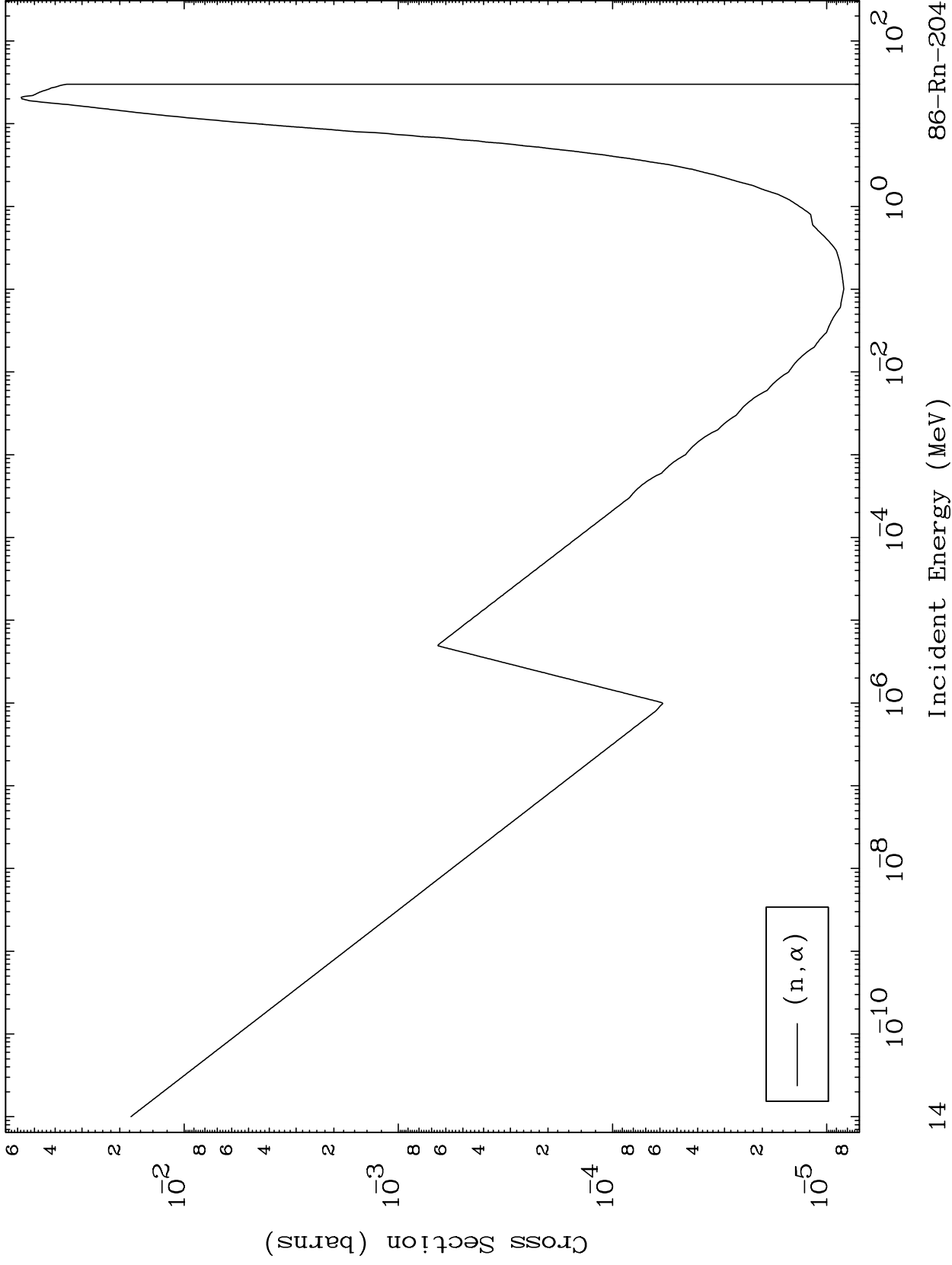
Incident Energy (MeV)

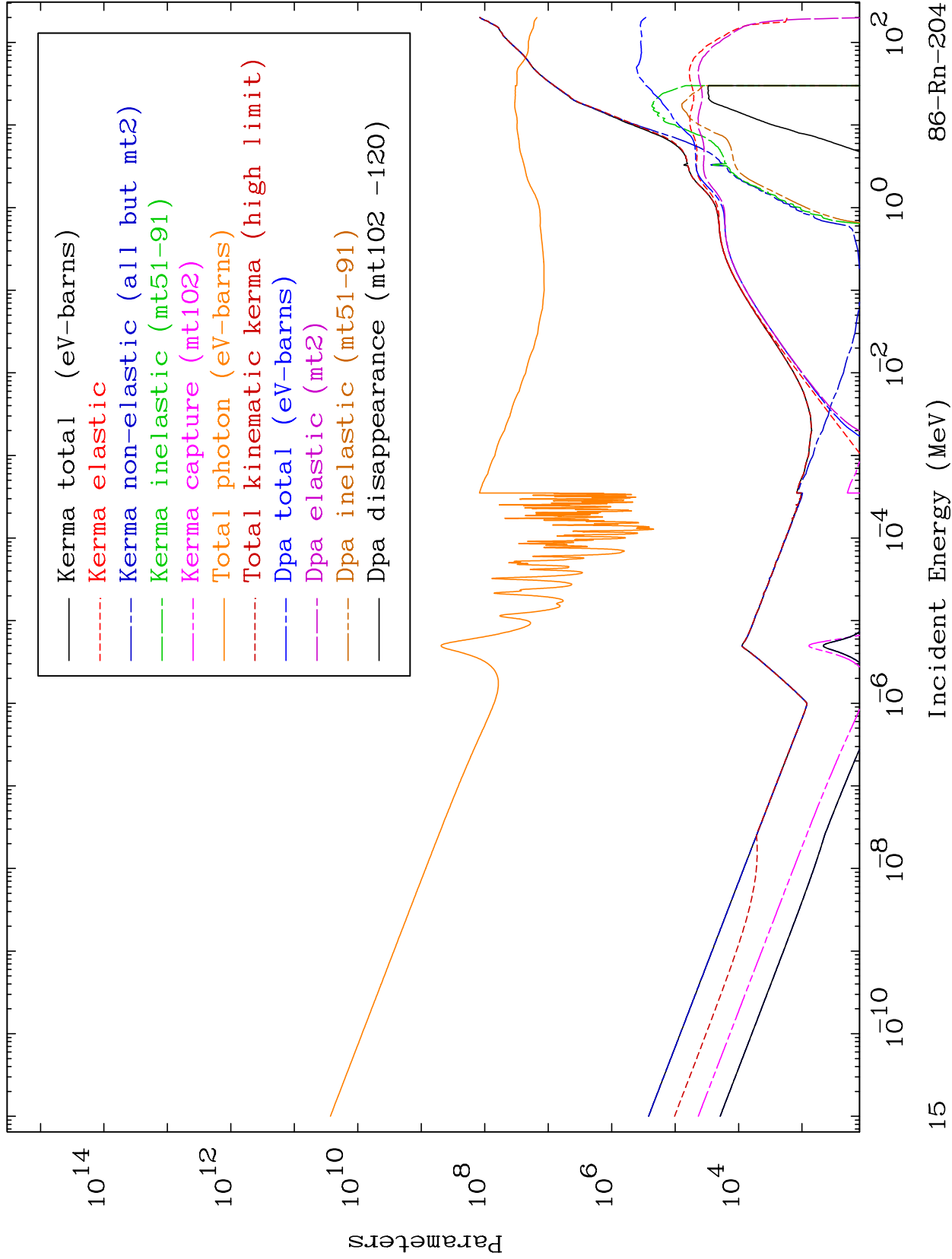
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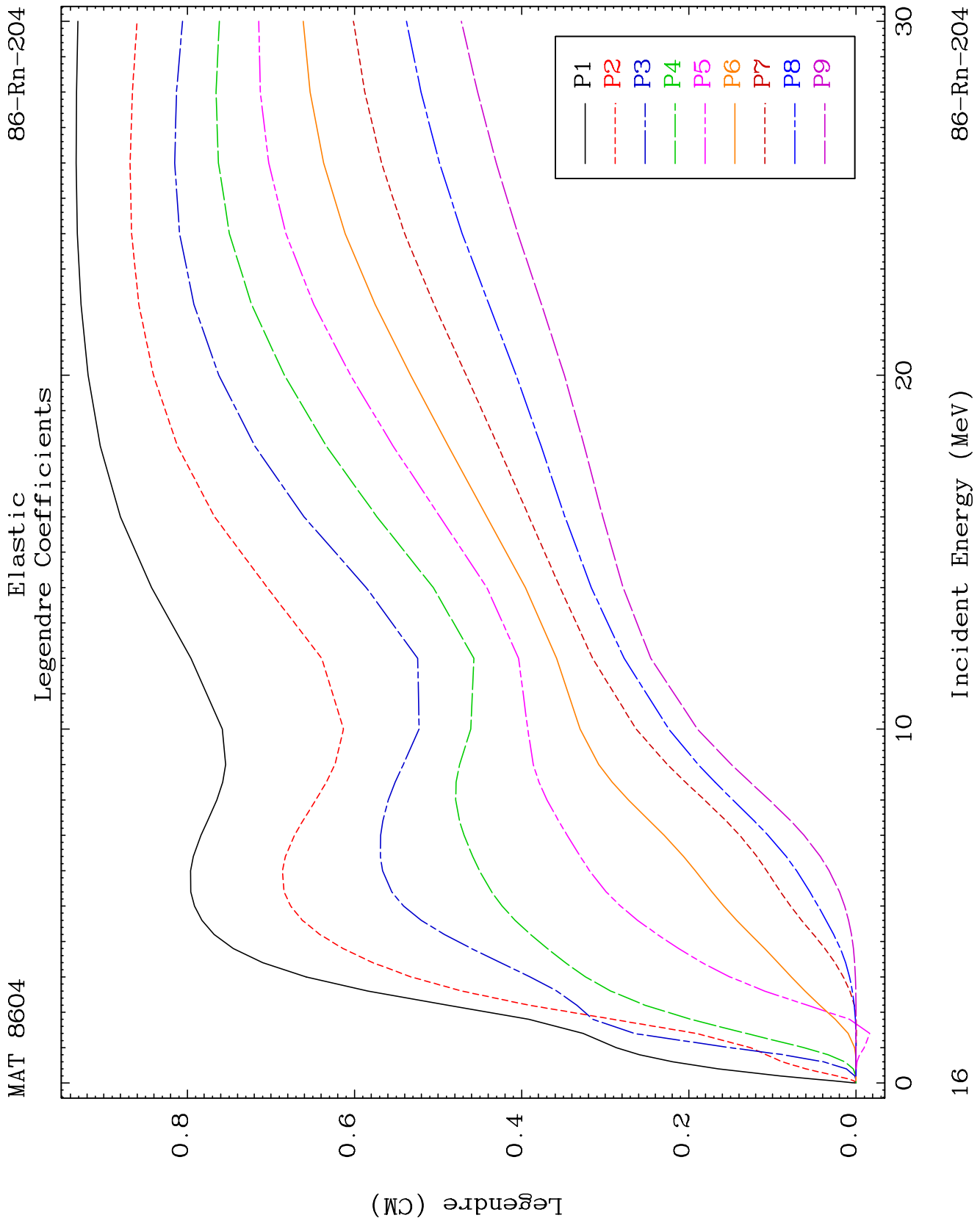
MAT 8604

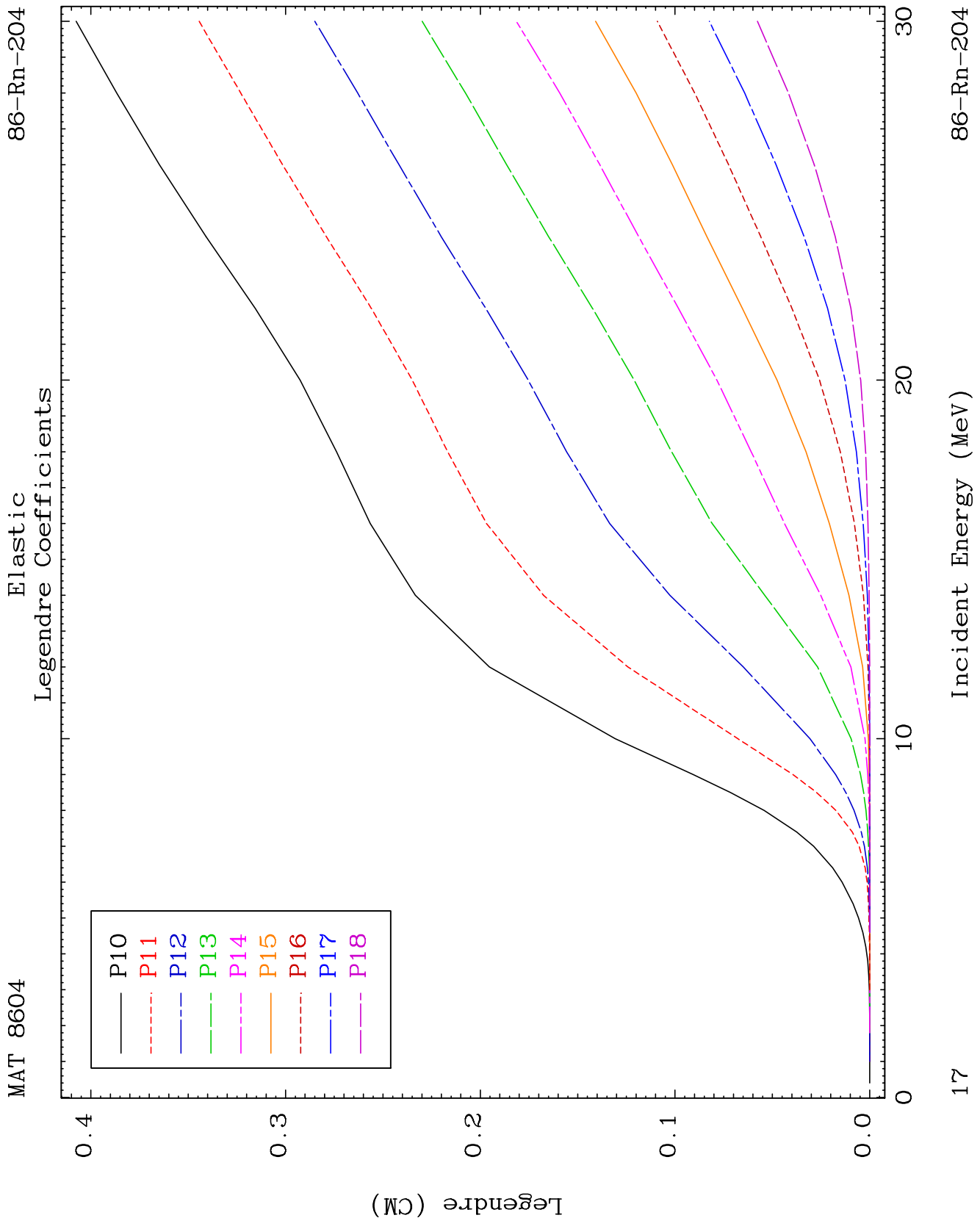
(n, α) Levels
293 Kelvin Cross Sections

86-Rn-204





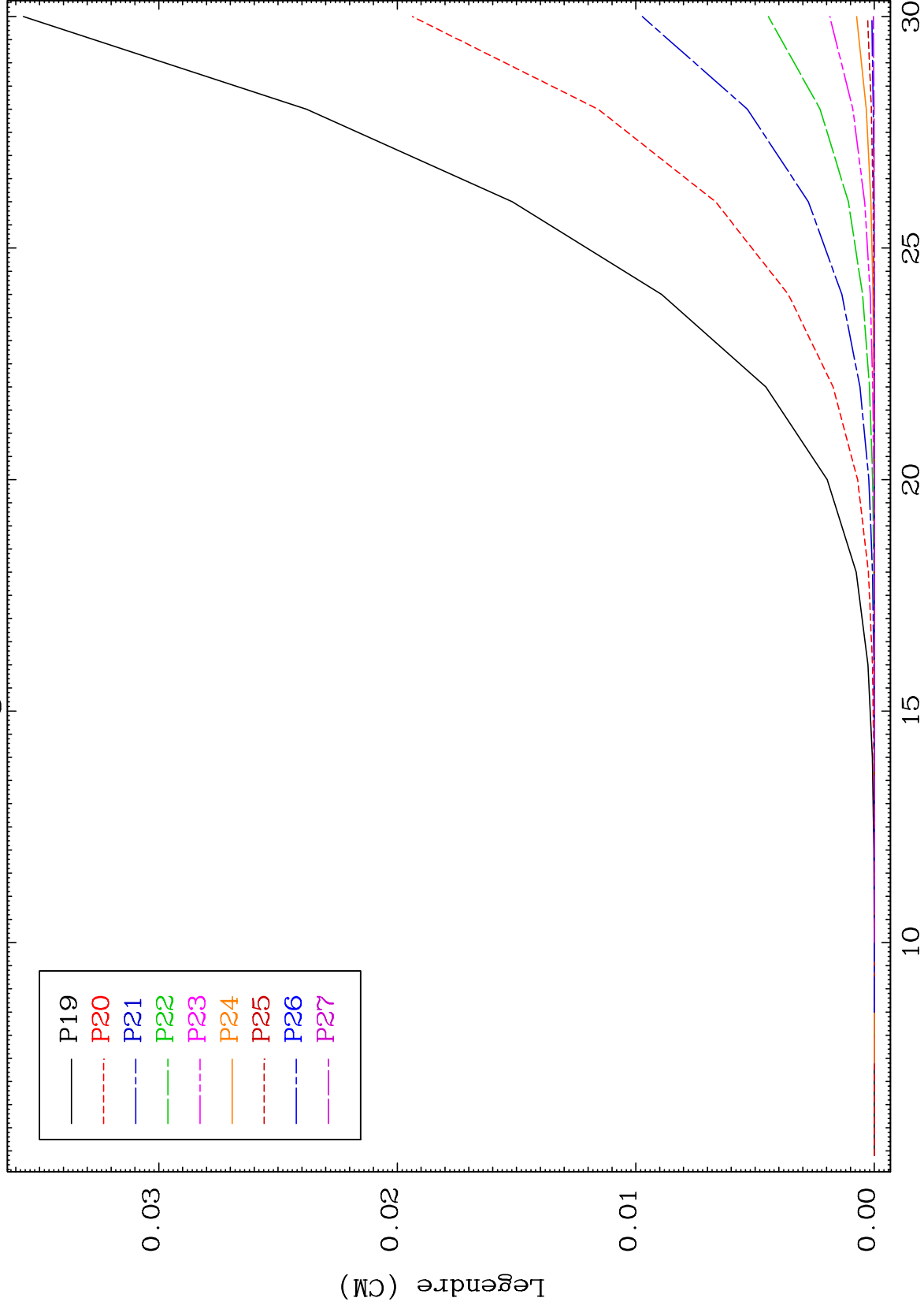




MAT 8604

Elastic Legendre Coefficients

86-Rn-204



18

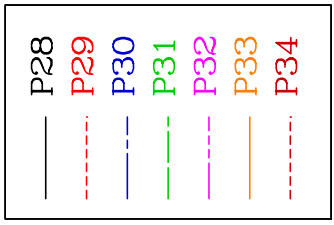
Incident Energy (MeV)

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

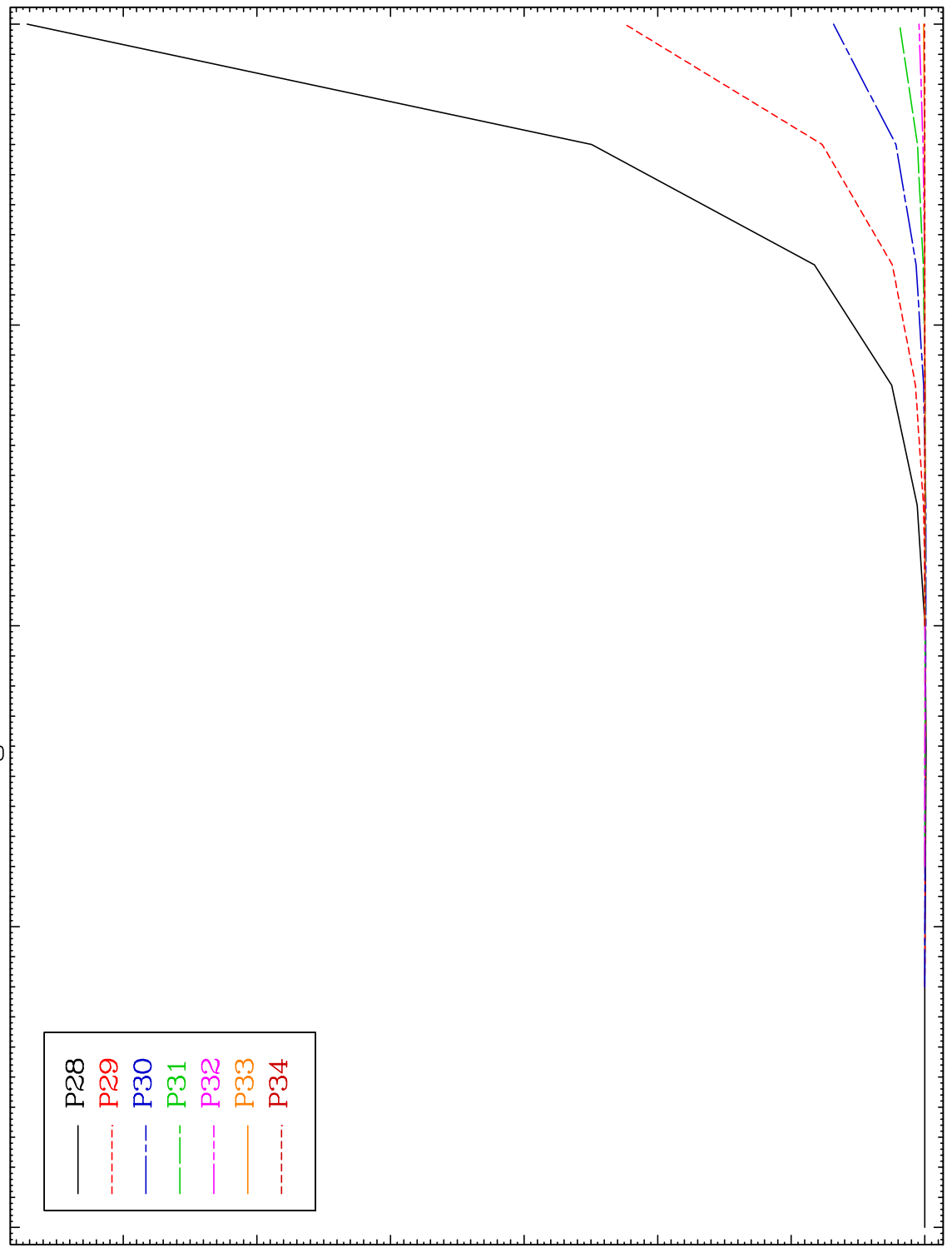
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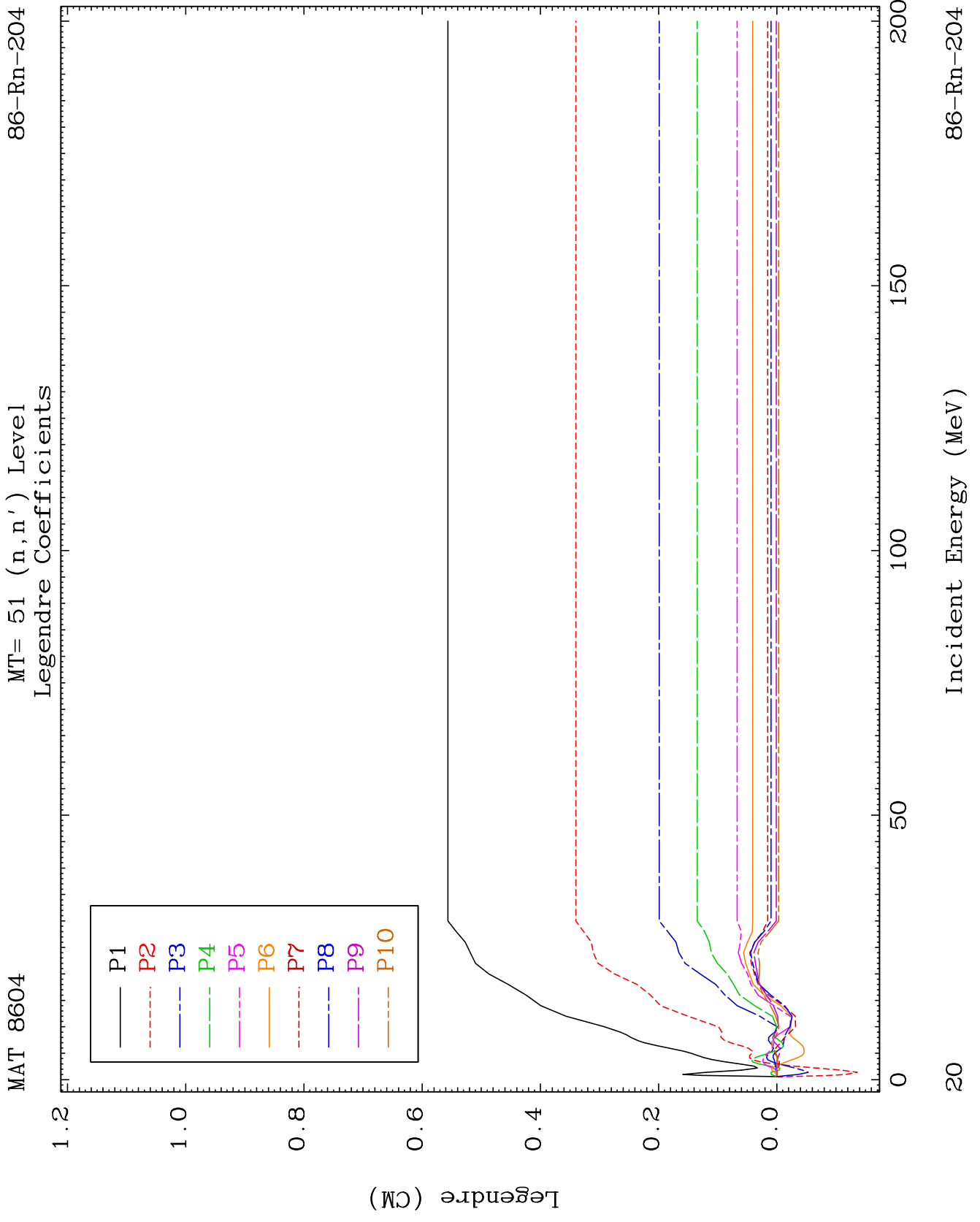
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19

Incident Energy (MeV)

86-Rn-204

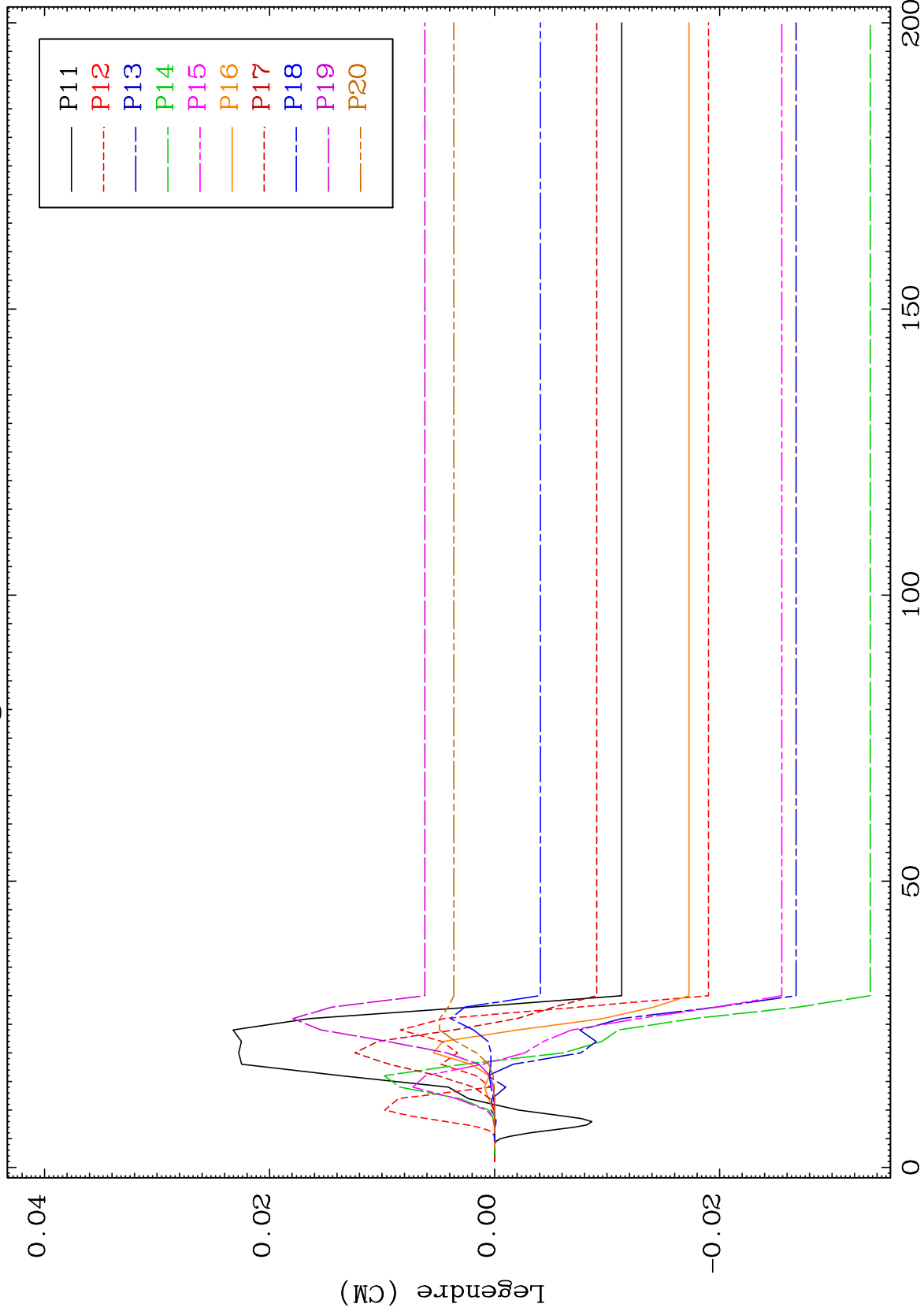




MAT 8604

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

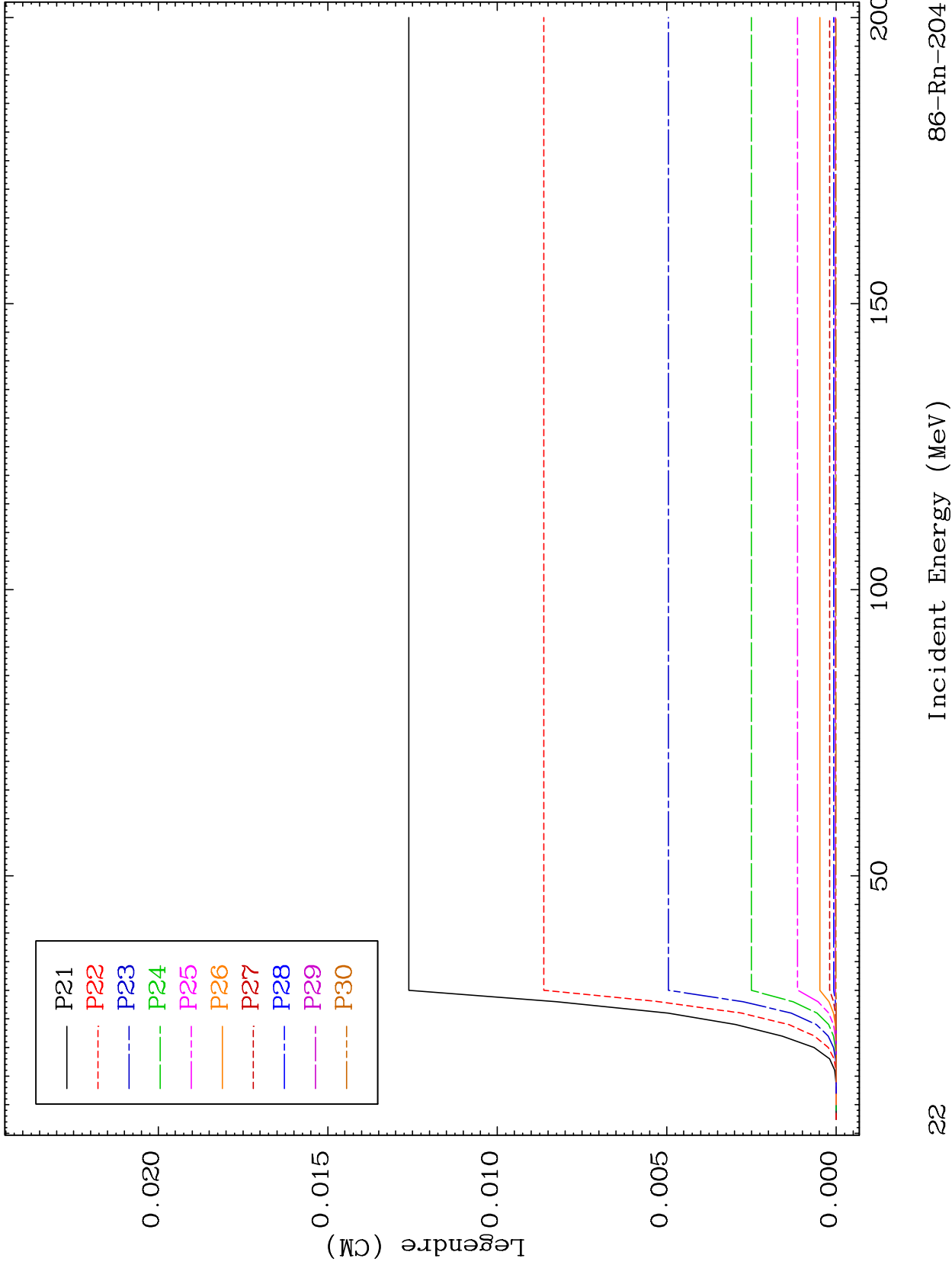
86-Rn-204



21

Incident Energy (MeV)

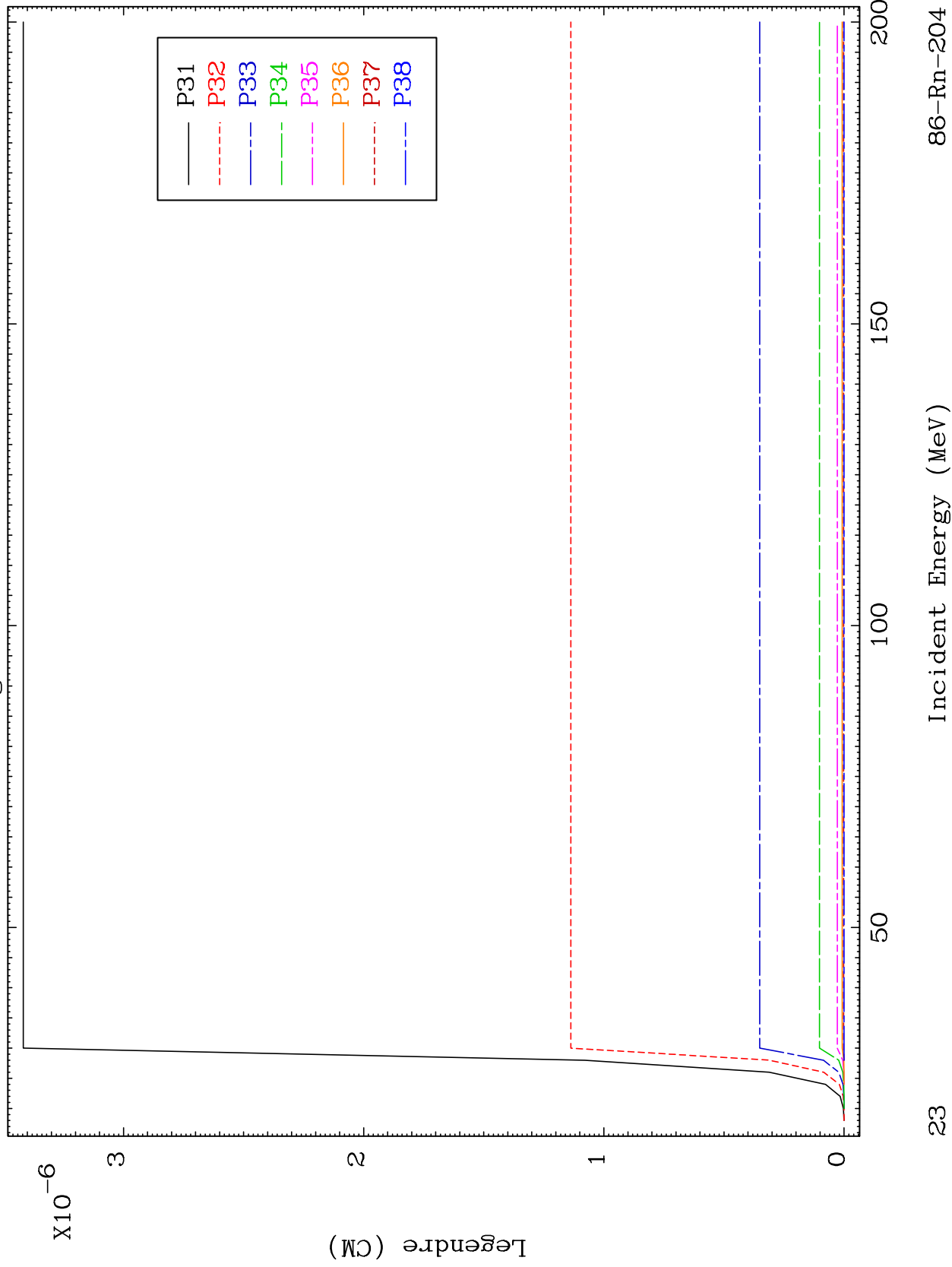
86-Rn-204



MAT 8604

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

86-Rn-204

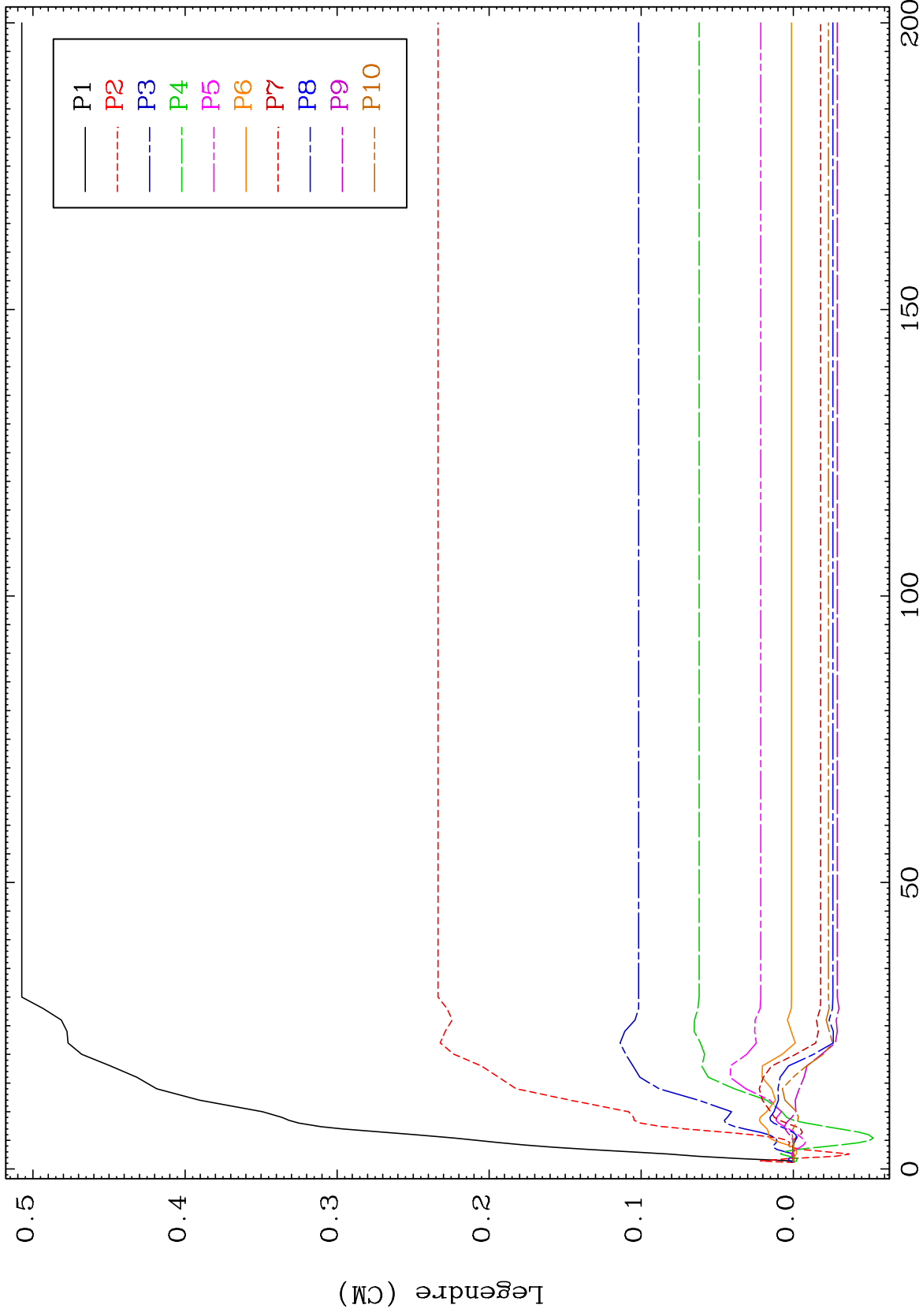


23

MAT 8604

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

86-Rn-204



24

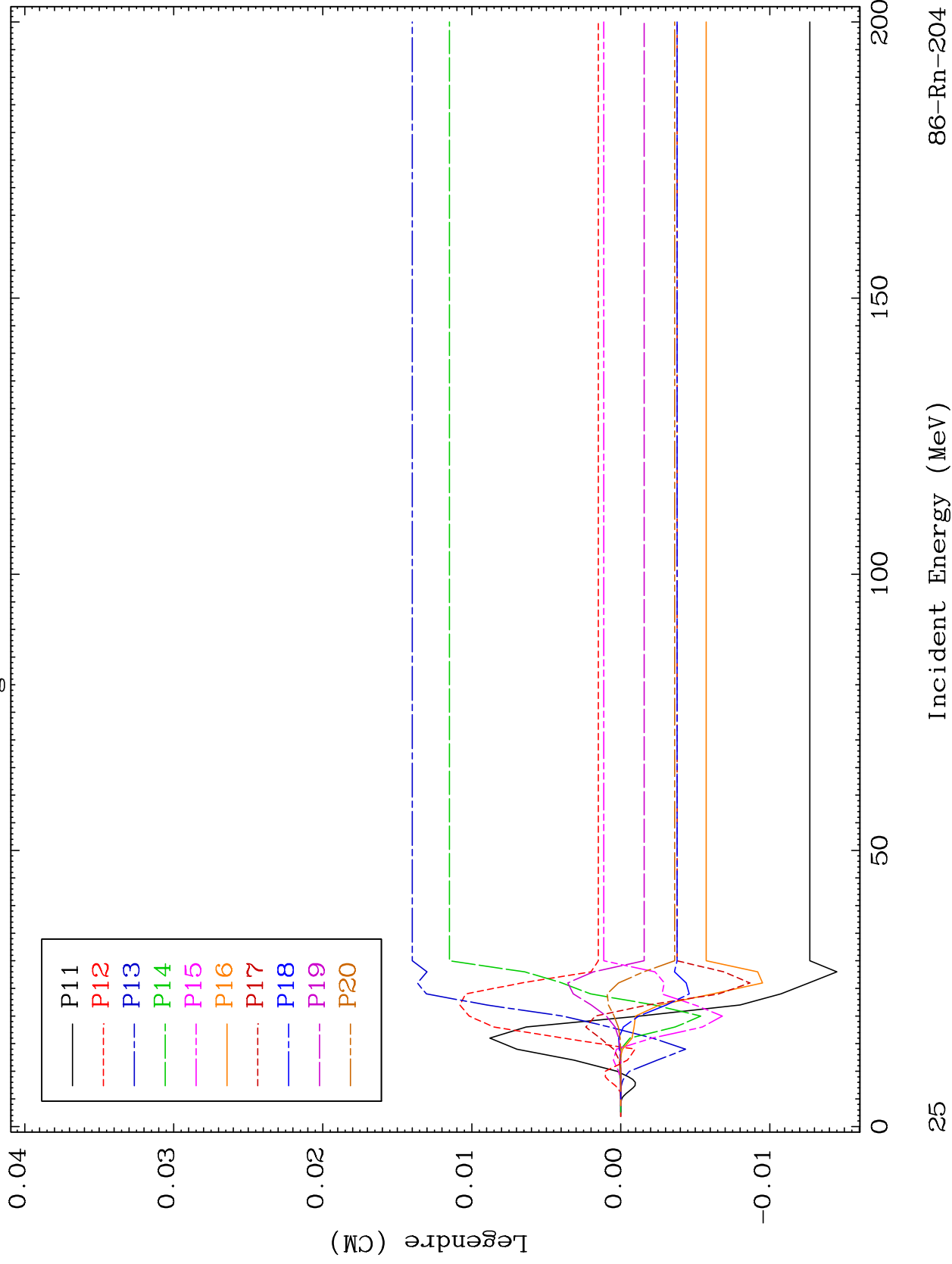
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



86-Rn-204

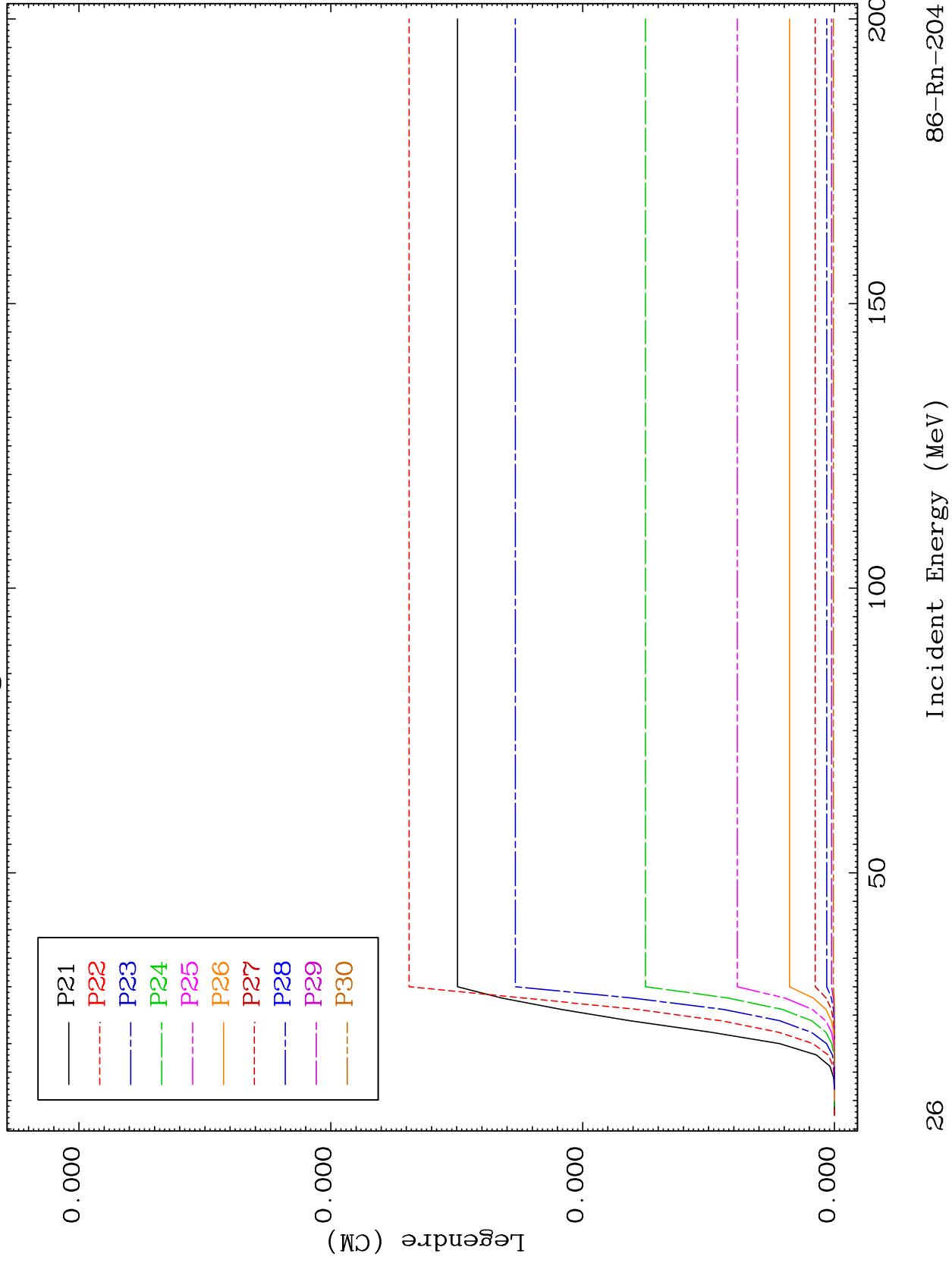
Incident Energy (MeV)

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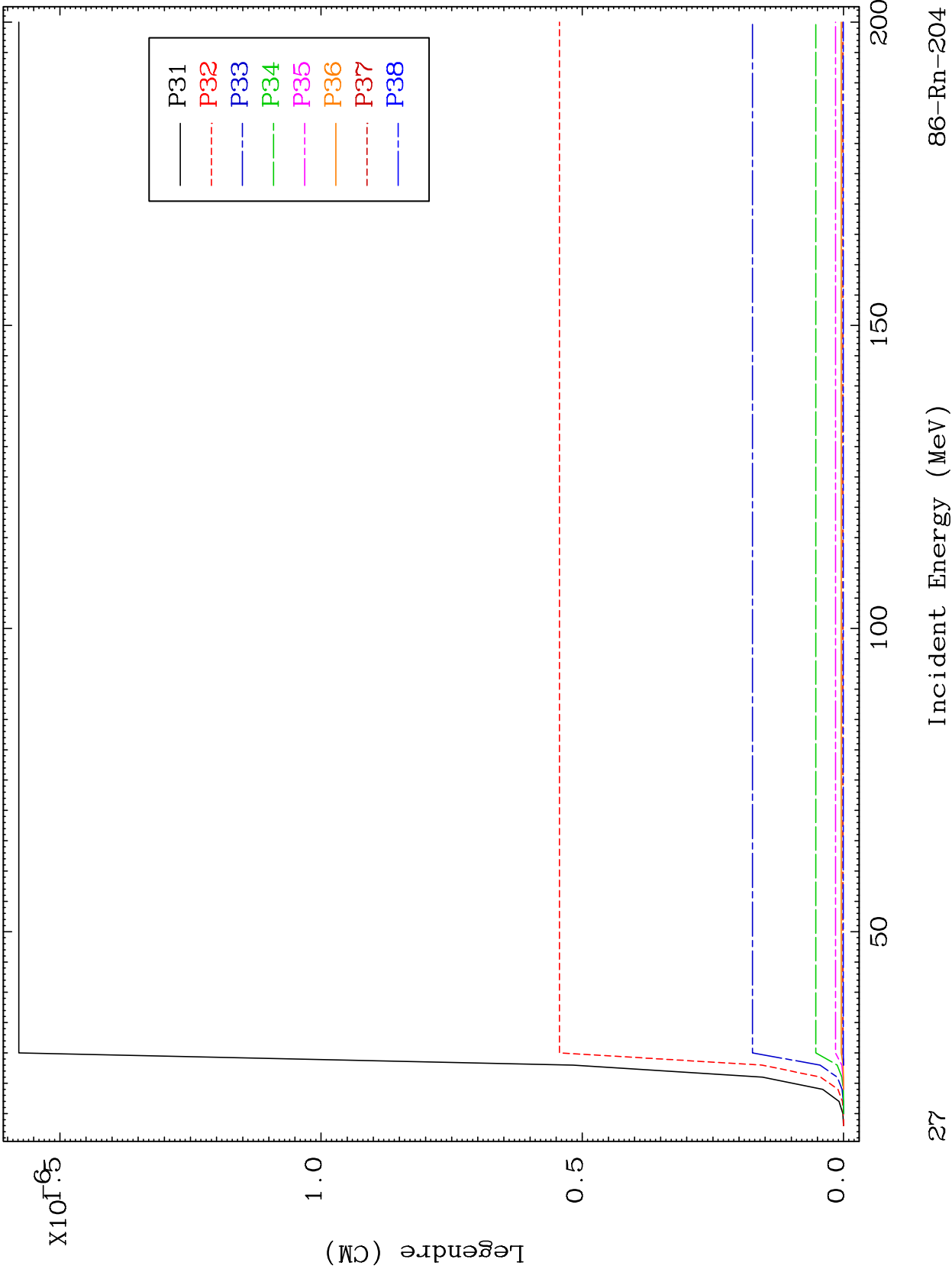
MAT 8604

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

86-Rn-204



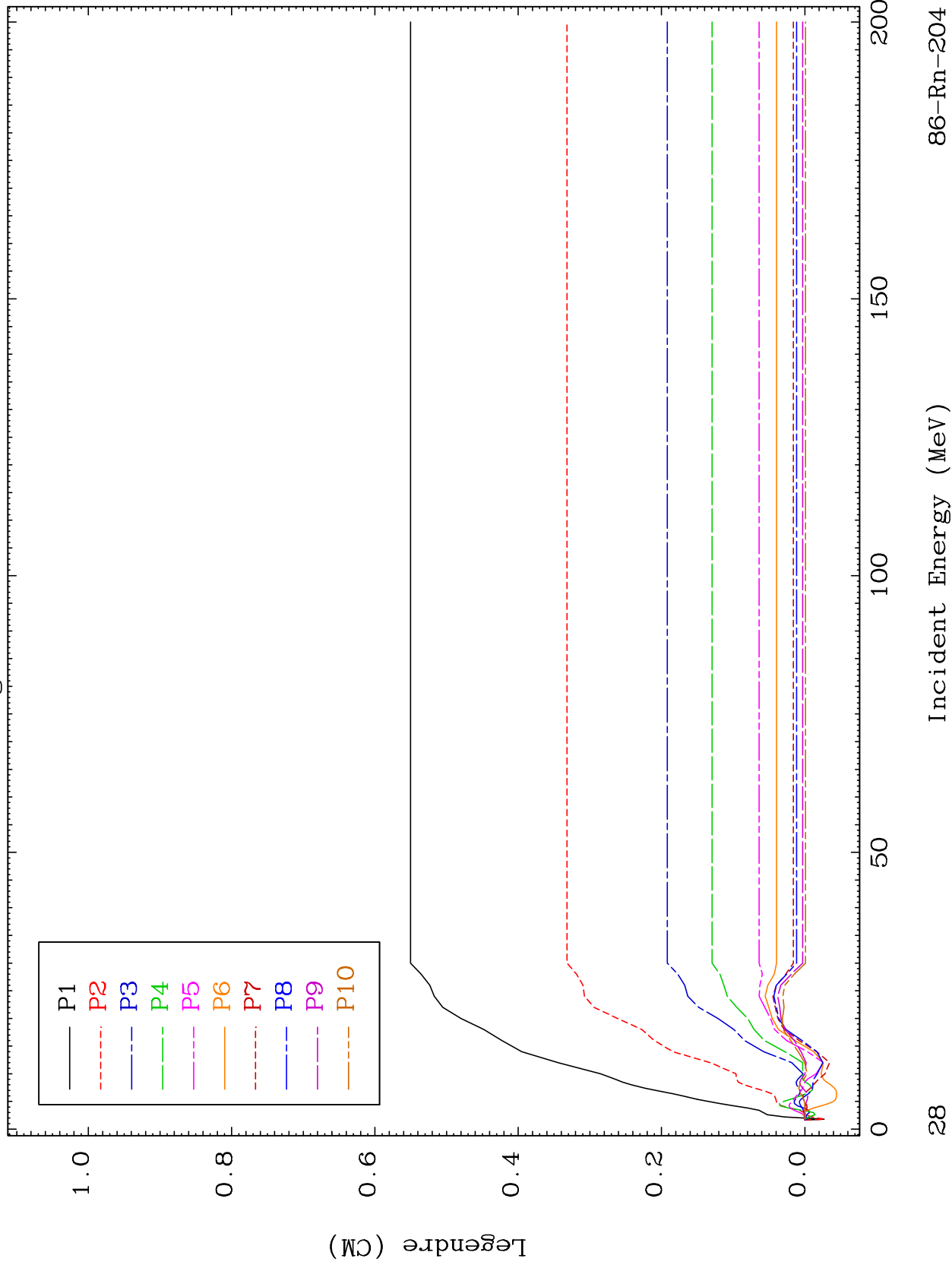
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MAT 8604

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

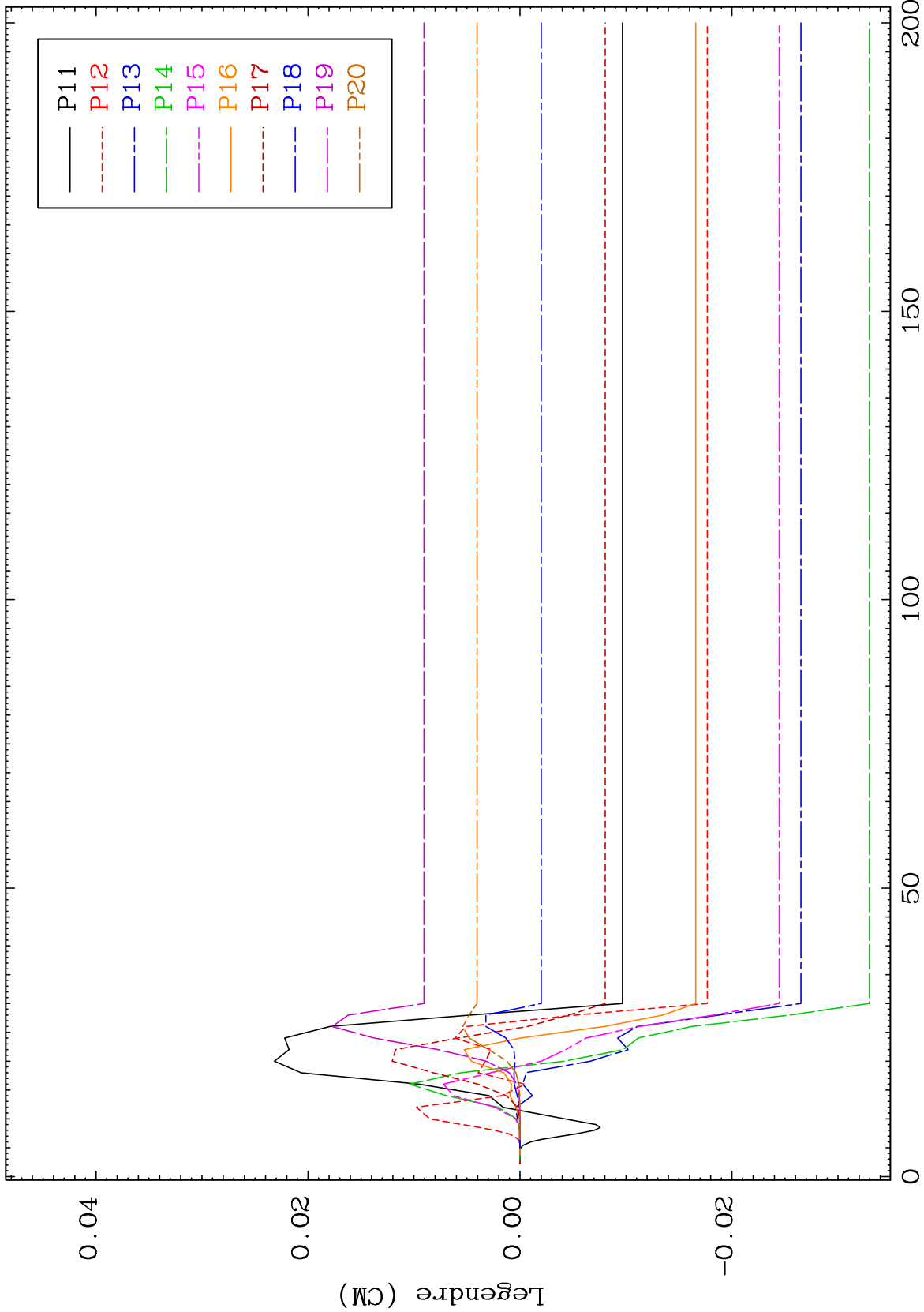
86-Rn-204



MAT 8604

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

86-Rn-204



29

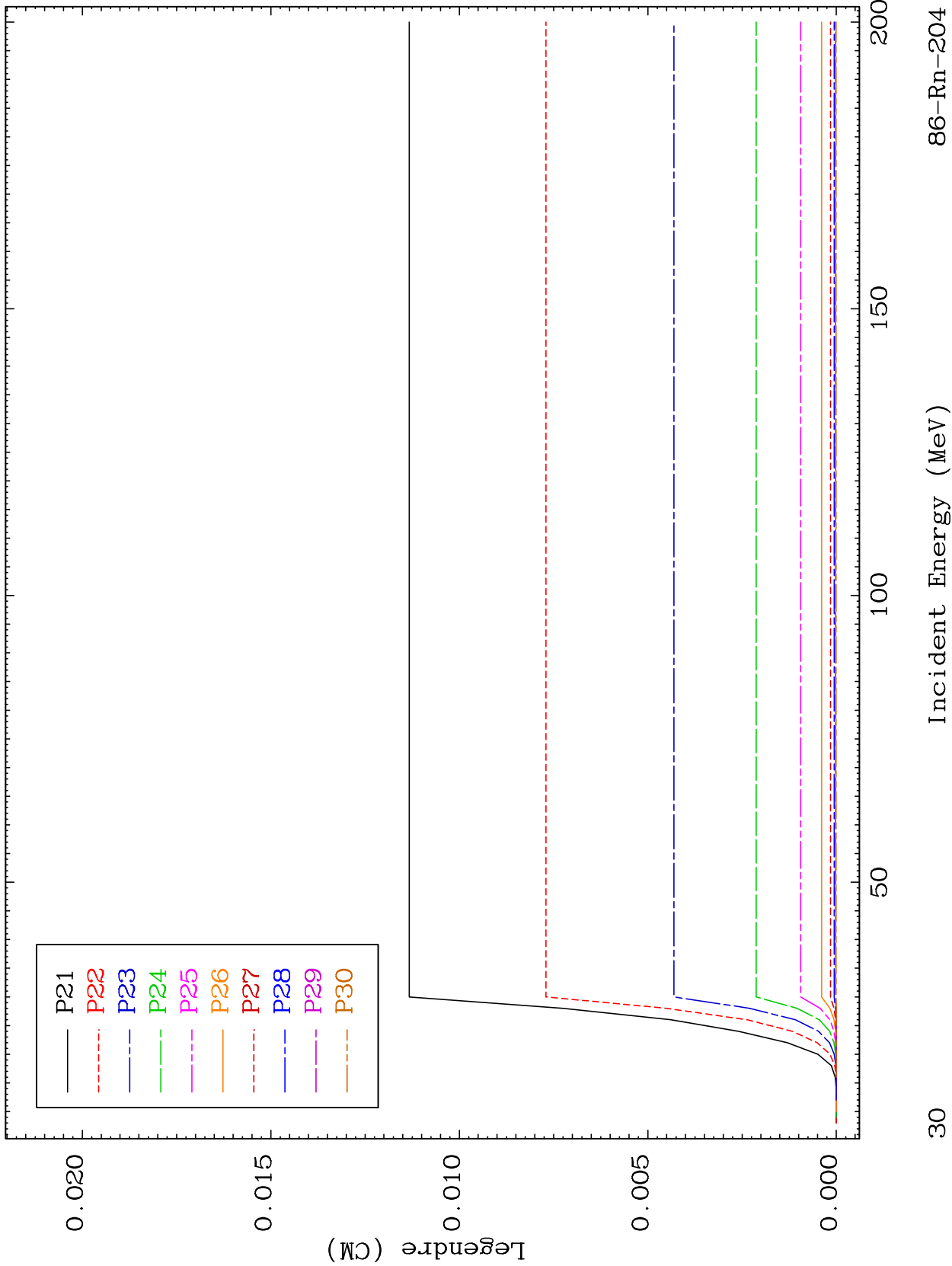
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



30

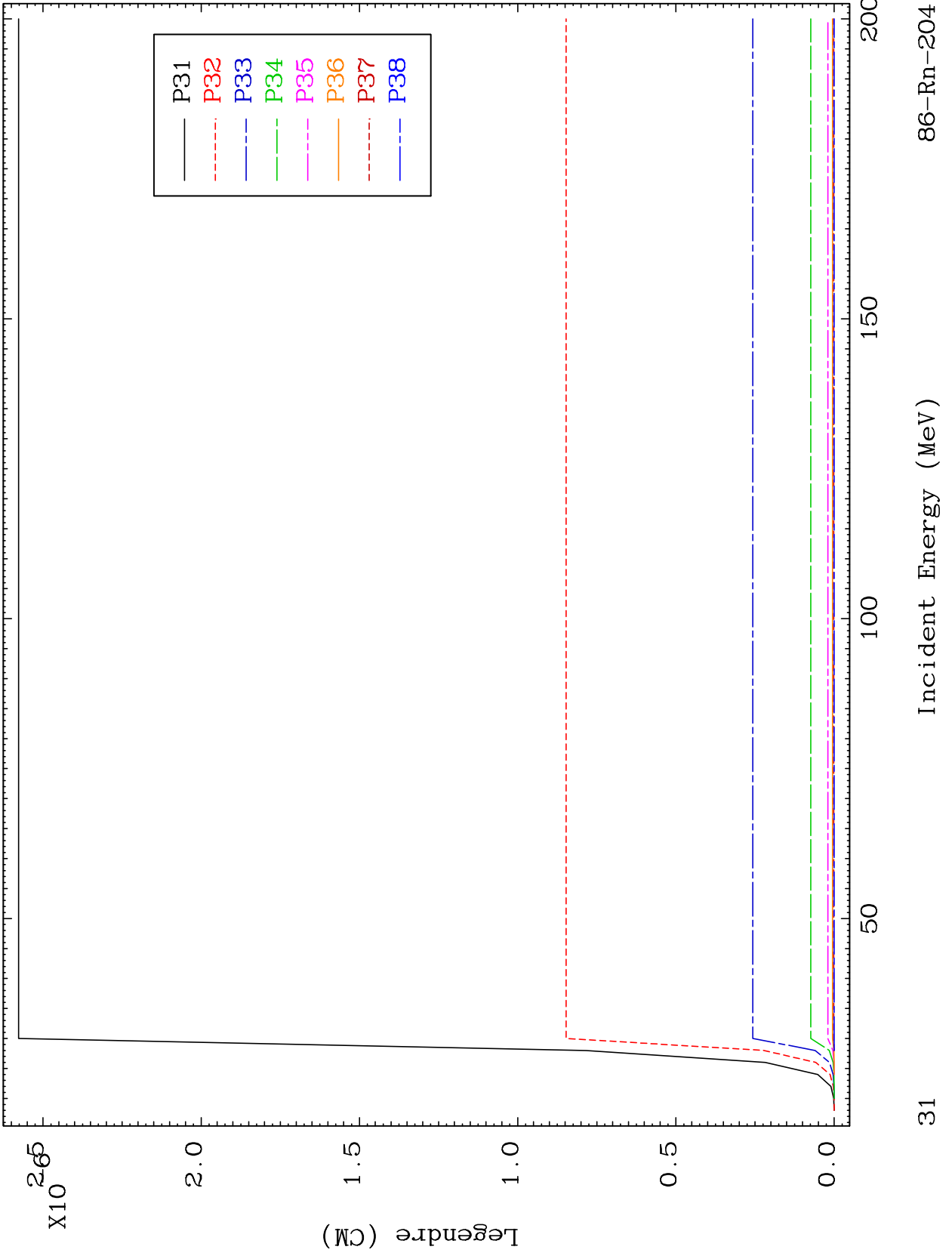
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



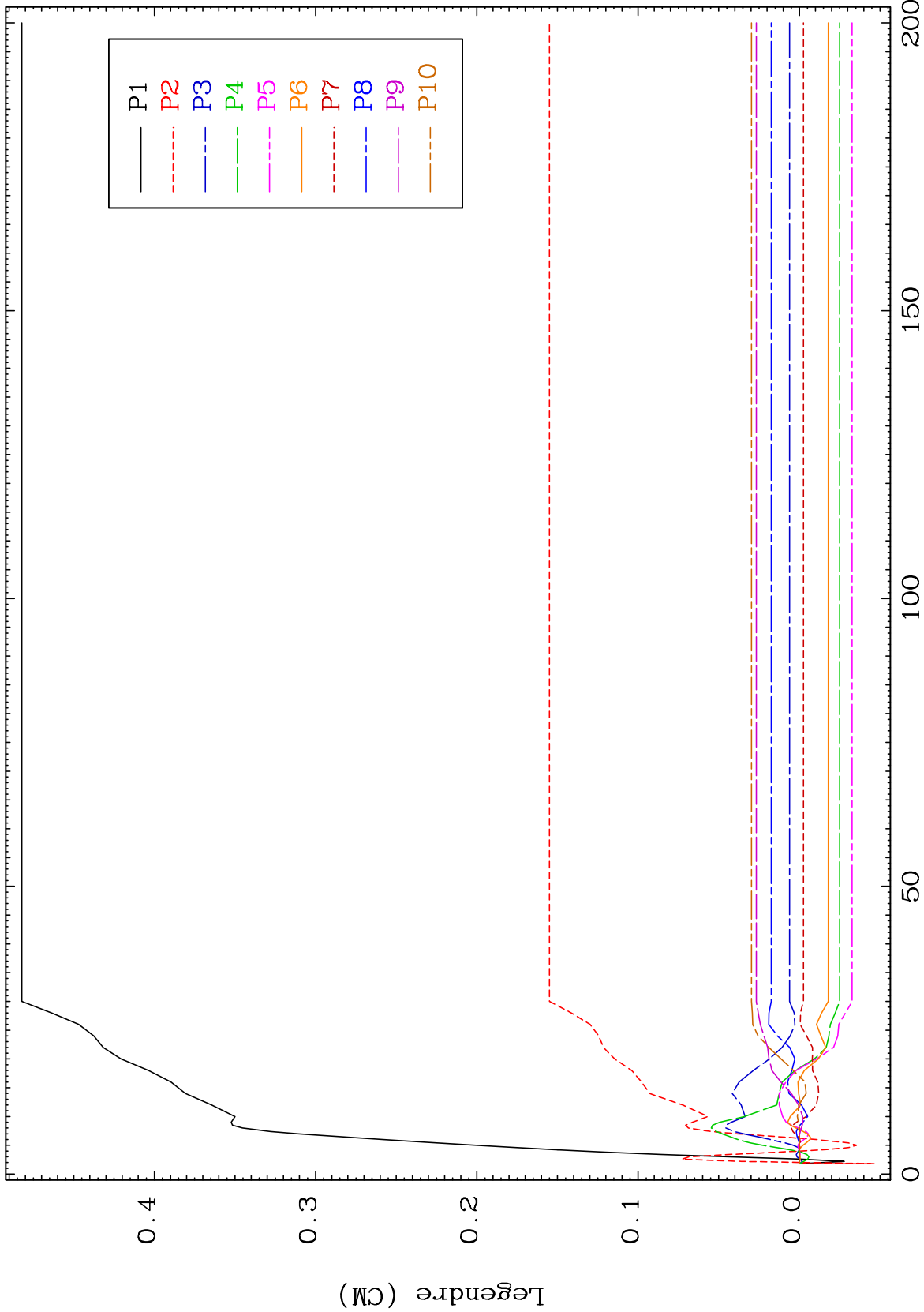
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86-Rn-204

MAT 8604

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

86-Rn-204



86-Rn-204

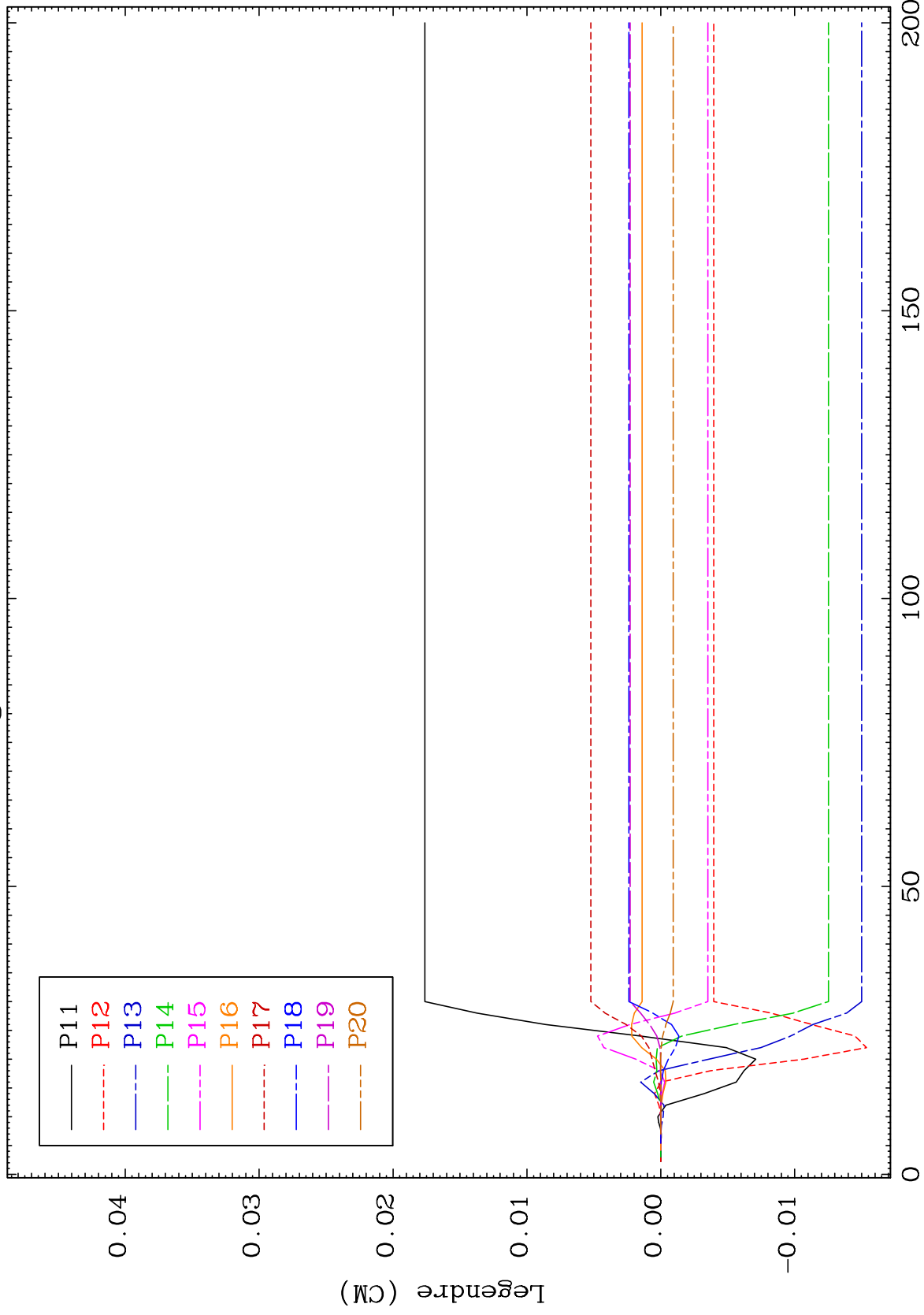
Incident Energy (MeV)

32

MAT 8604

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

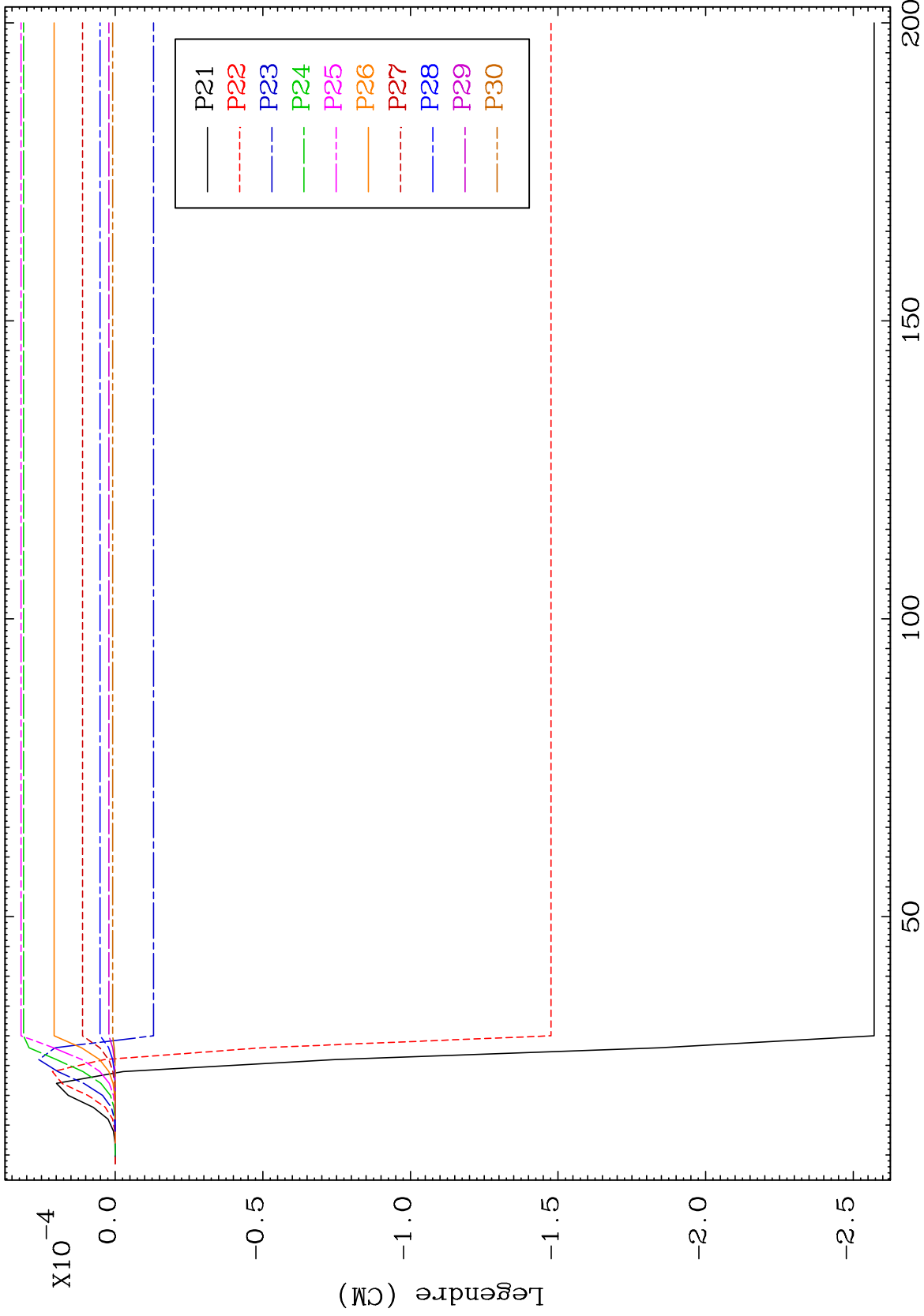
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33

Incident Energy (MeV)

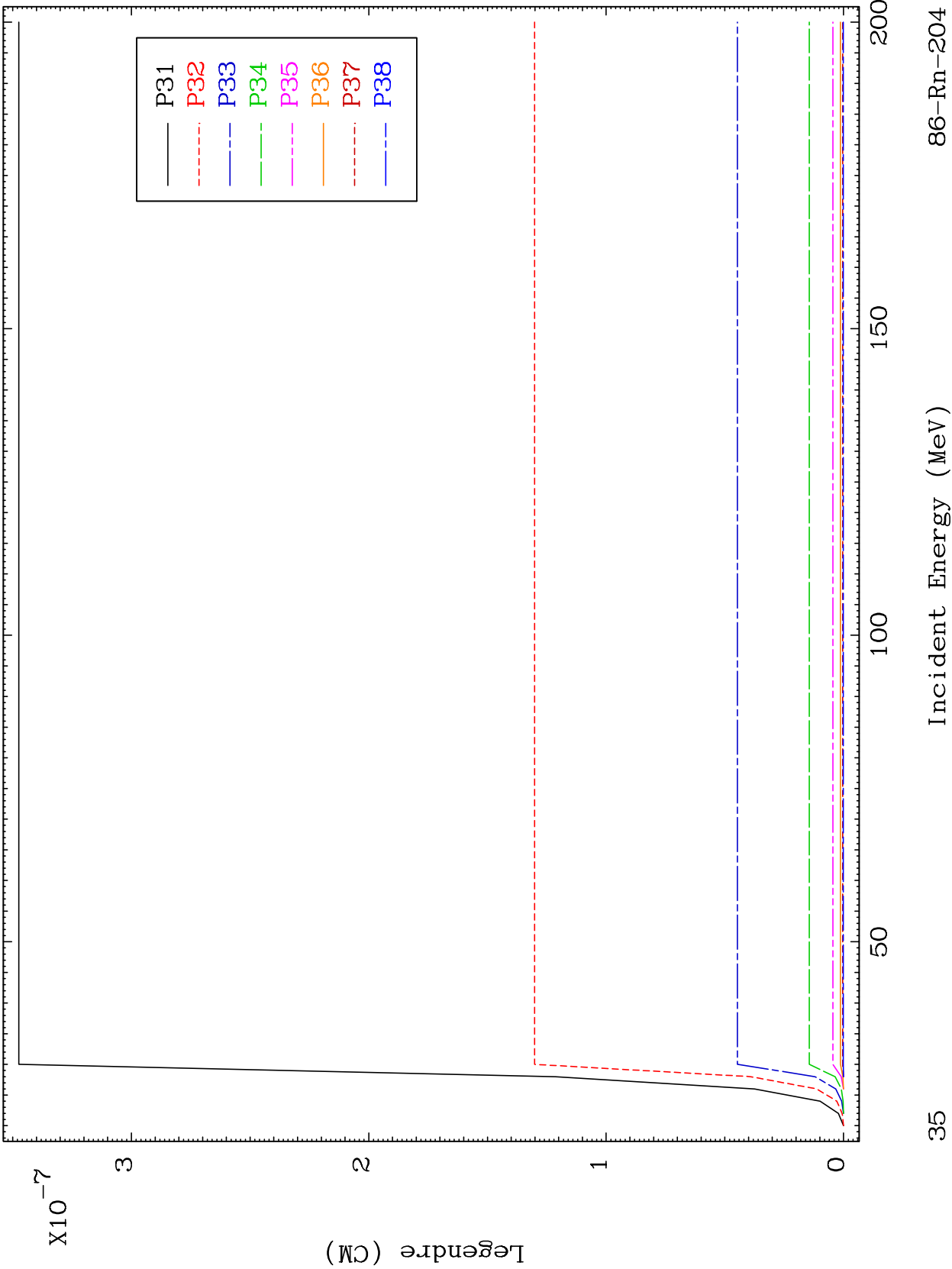
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MAT 8604

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

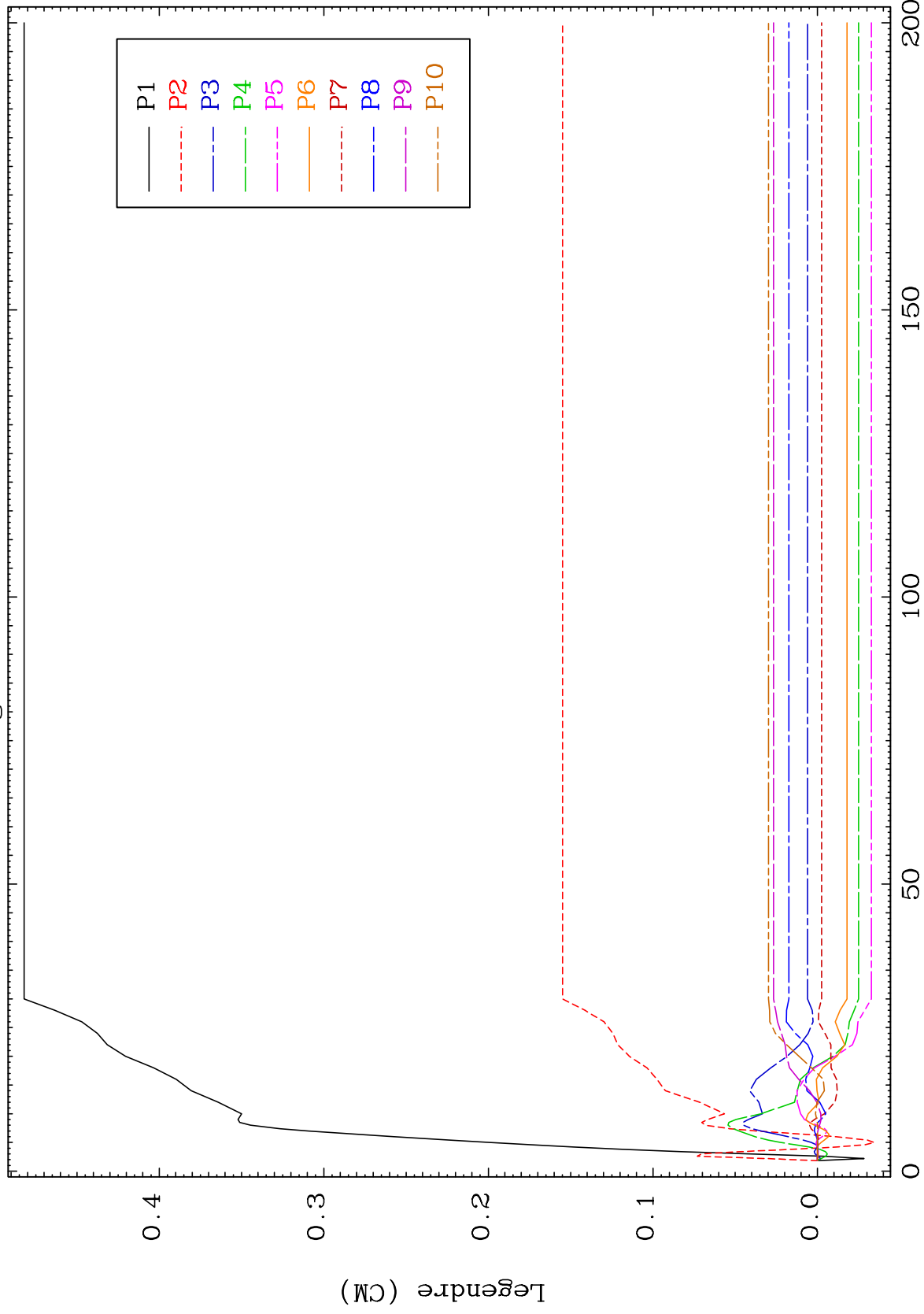
86-Rn-204



MAT 8604

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

86-Rn-204



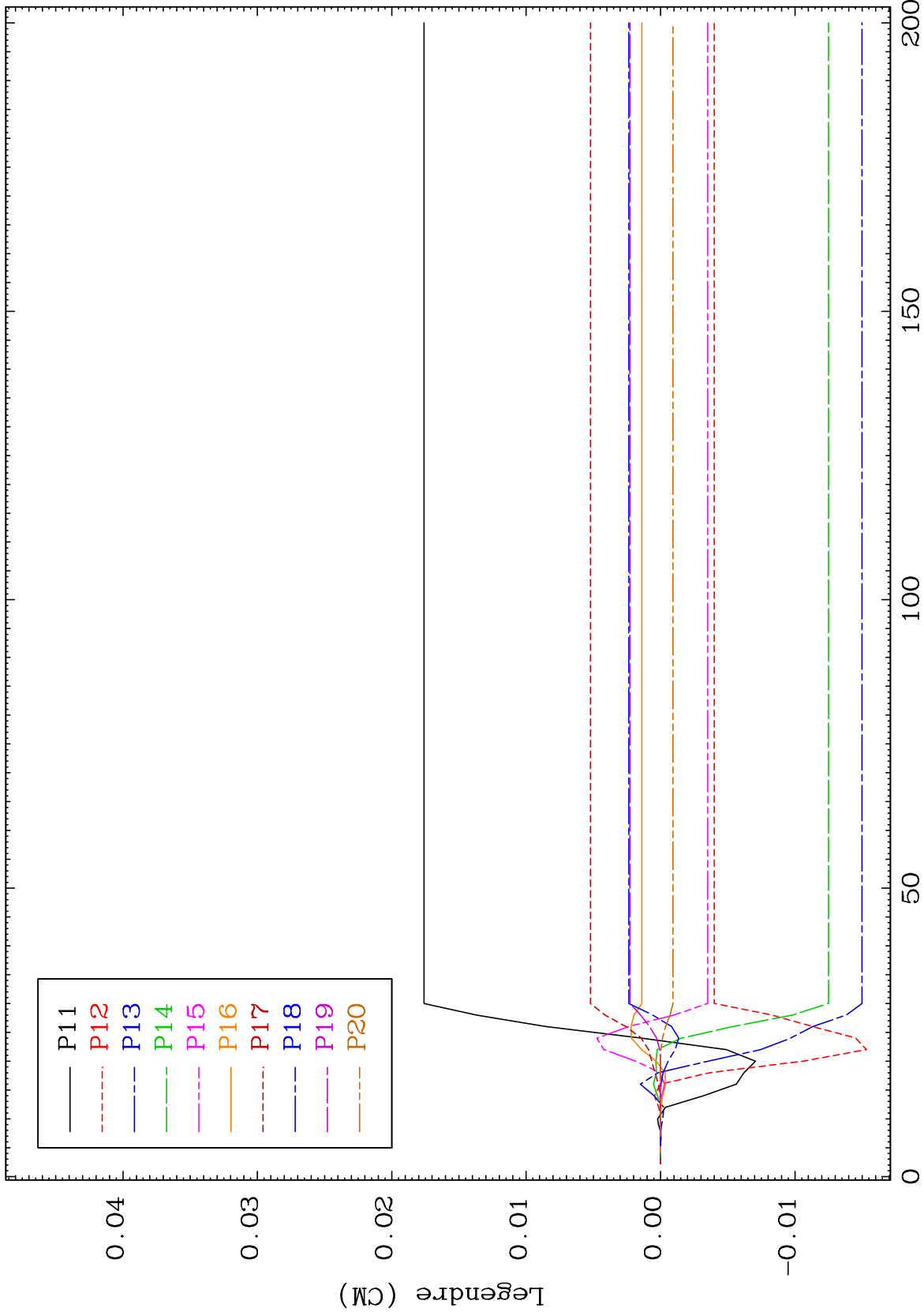
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86-Rn-204

MAT 8604

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

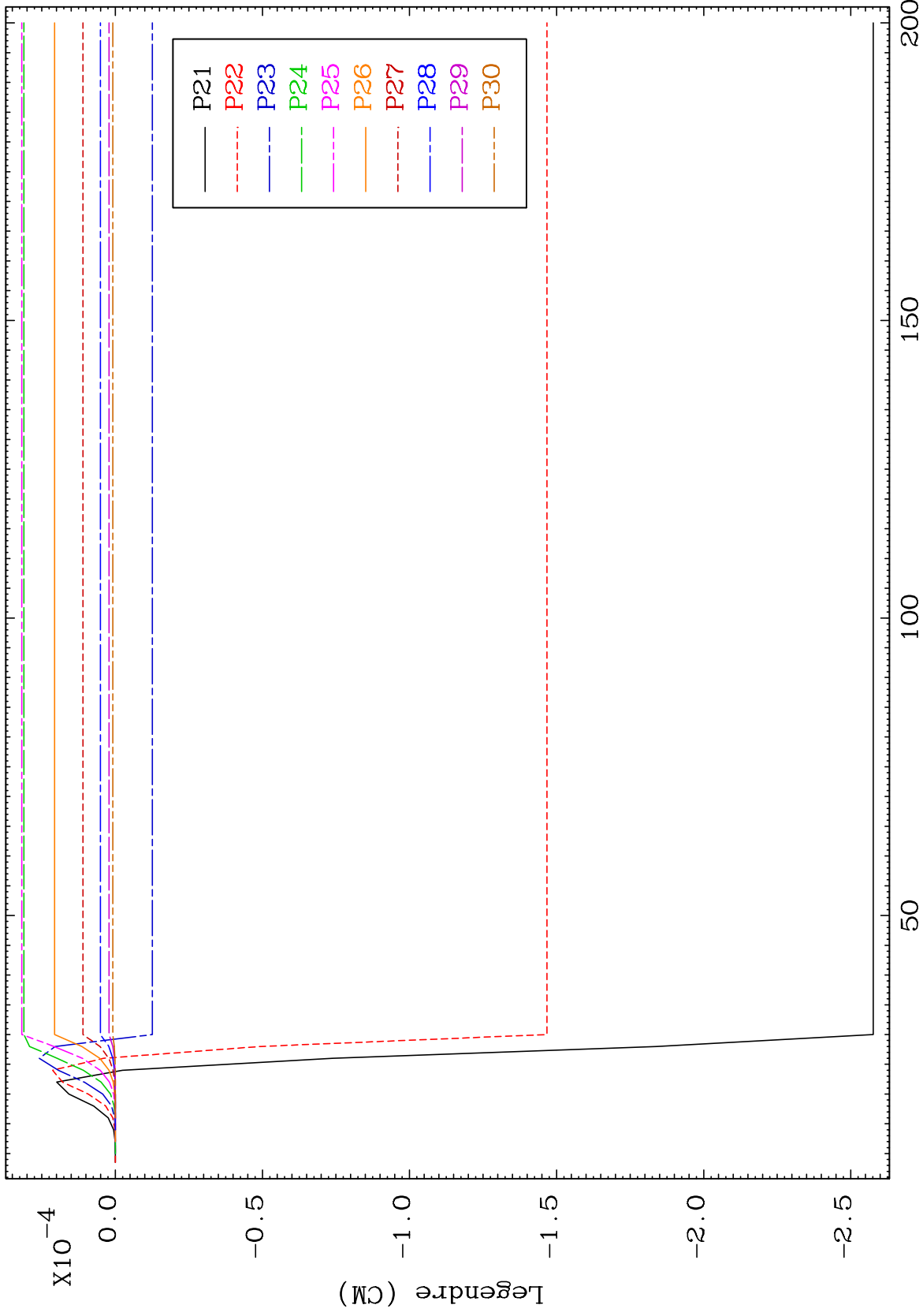
86-Rn-204



37

86-Rn-204

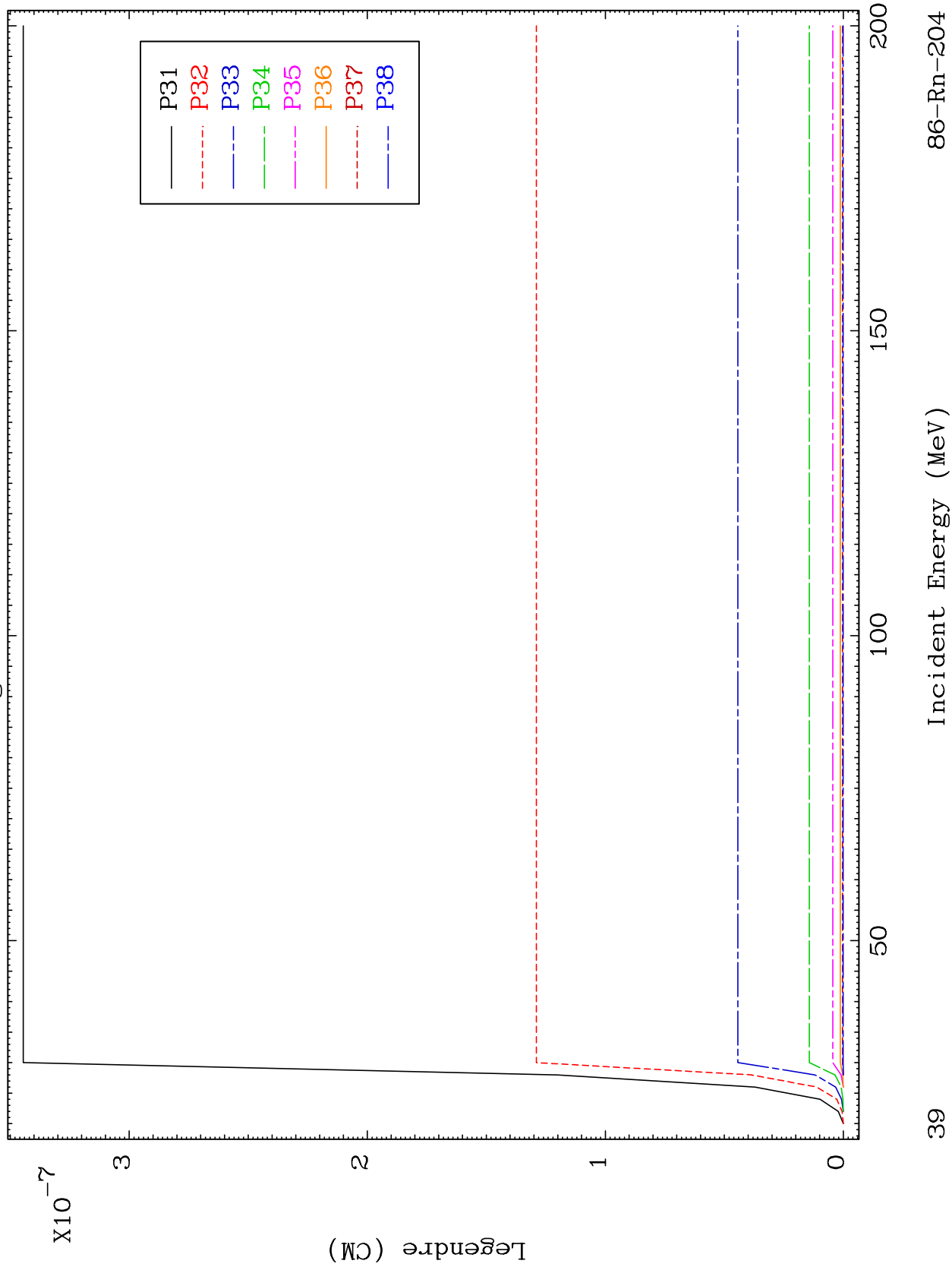
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MAT 8604

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

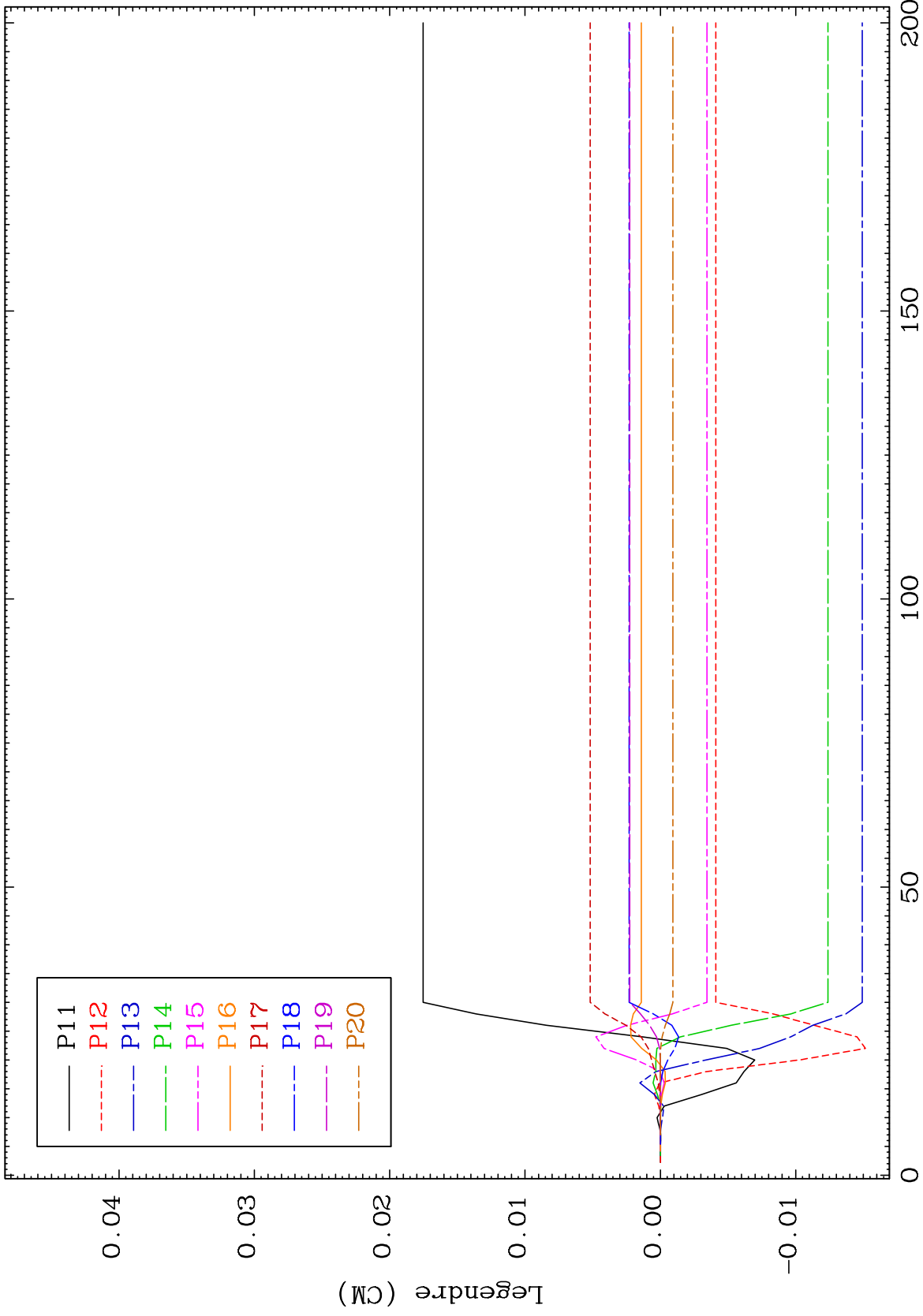
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MAT 8604

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

86-Rn-204



41

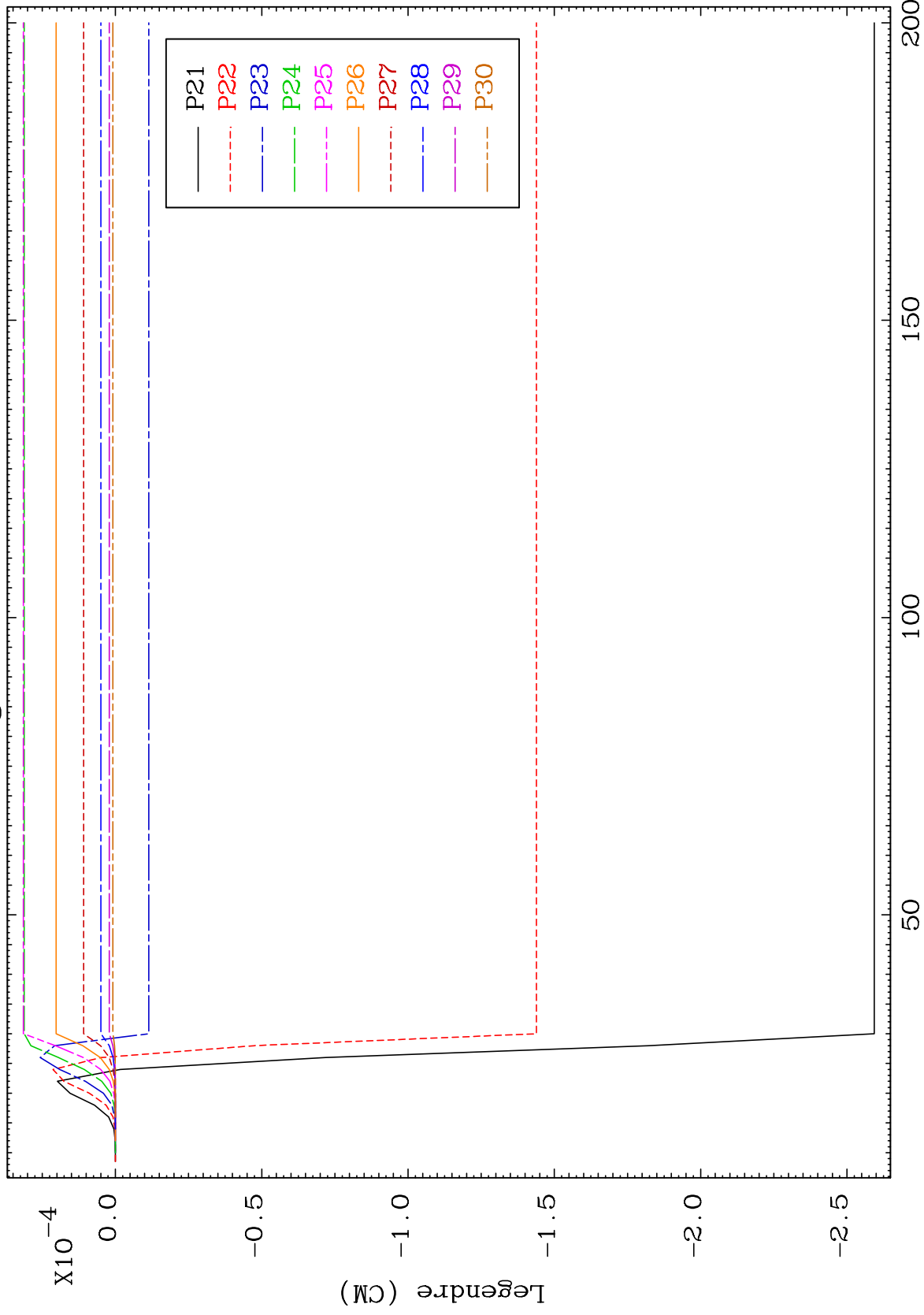
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



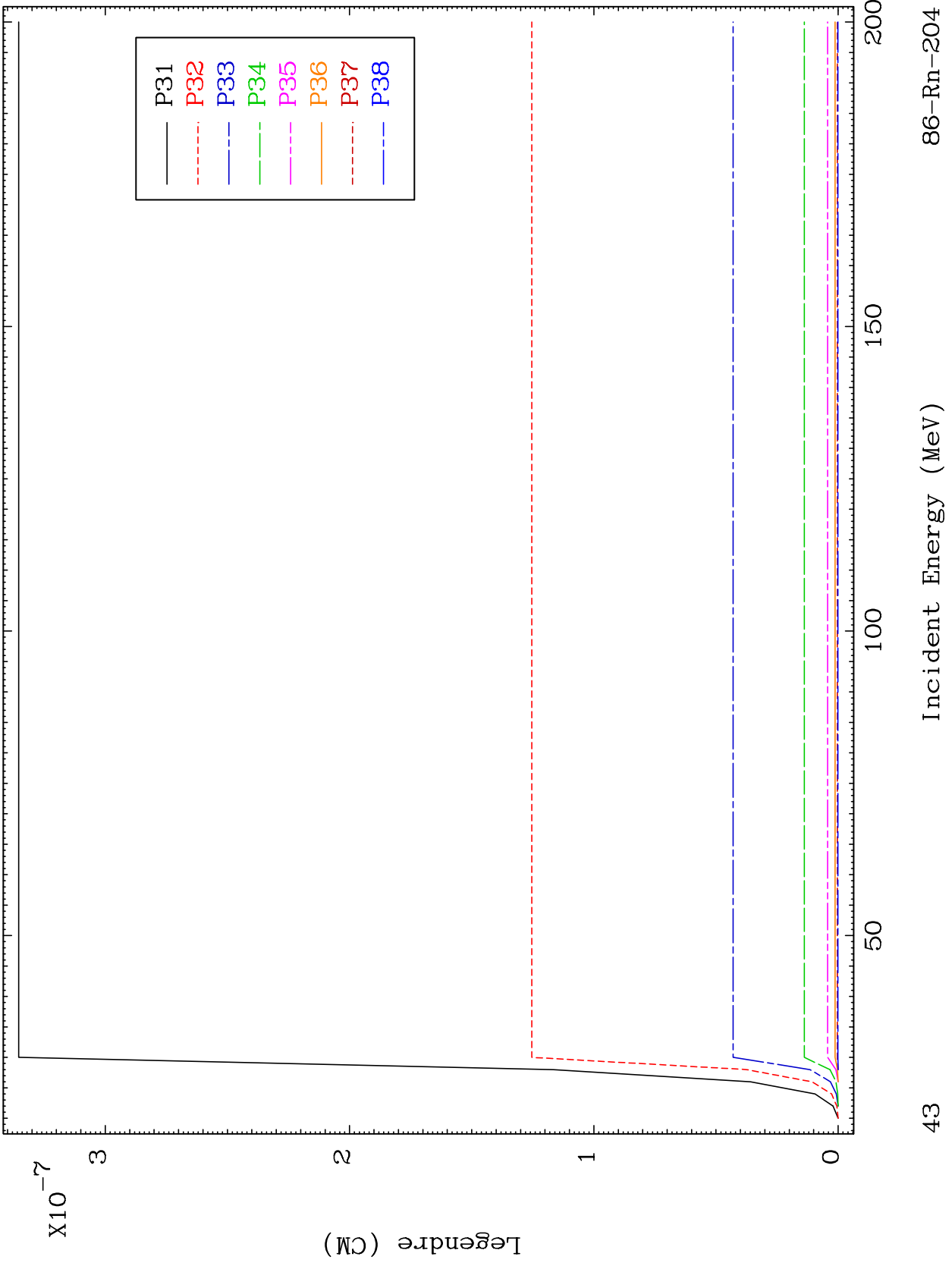
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86-Rn-204

MAT 8604

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

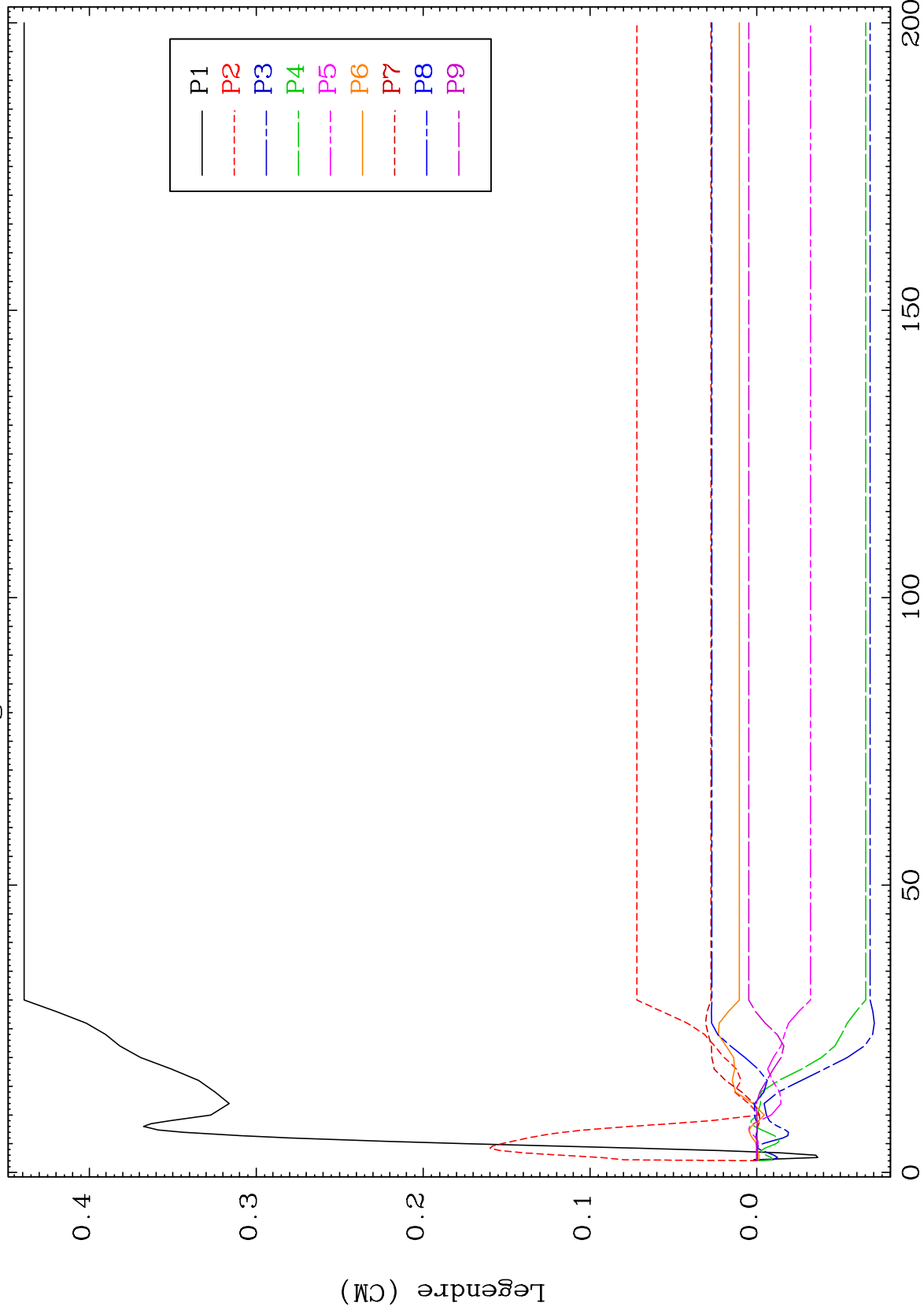
86-Rn-204



MAT 8604

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

86-Rn-204



44

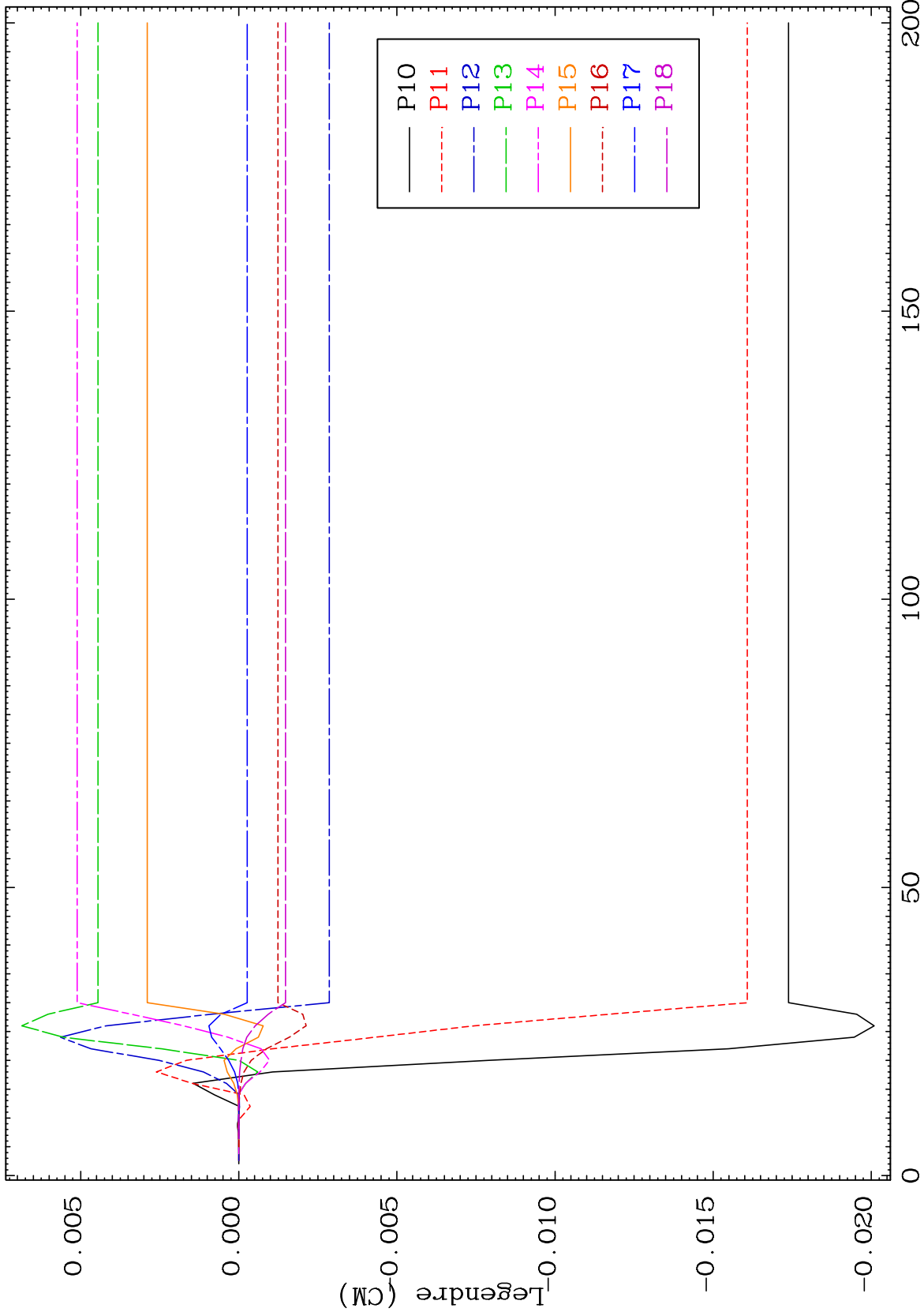
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



45

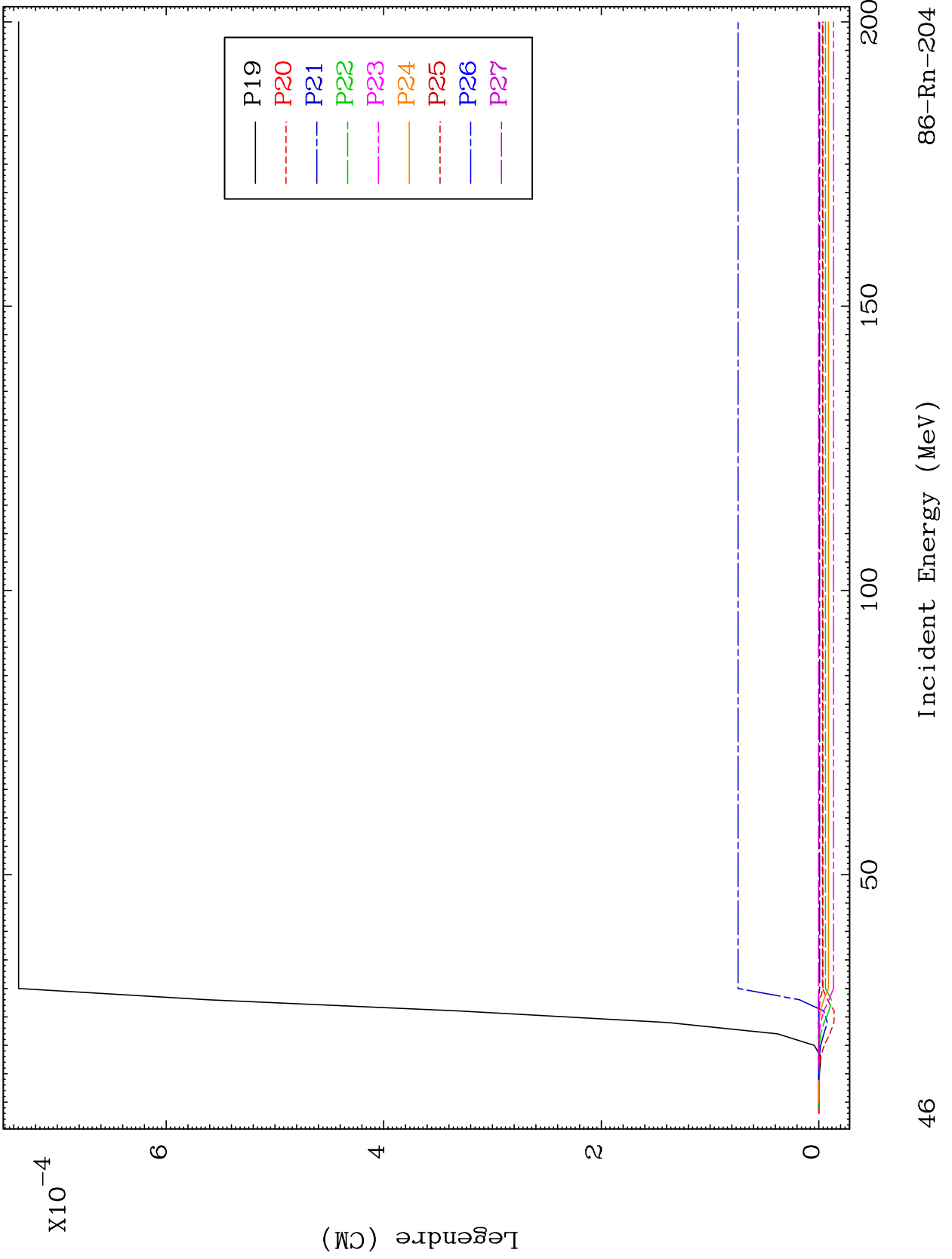
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



46

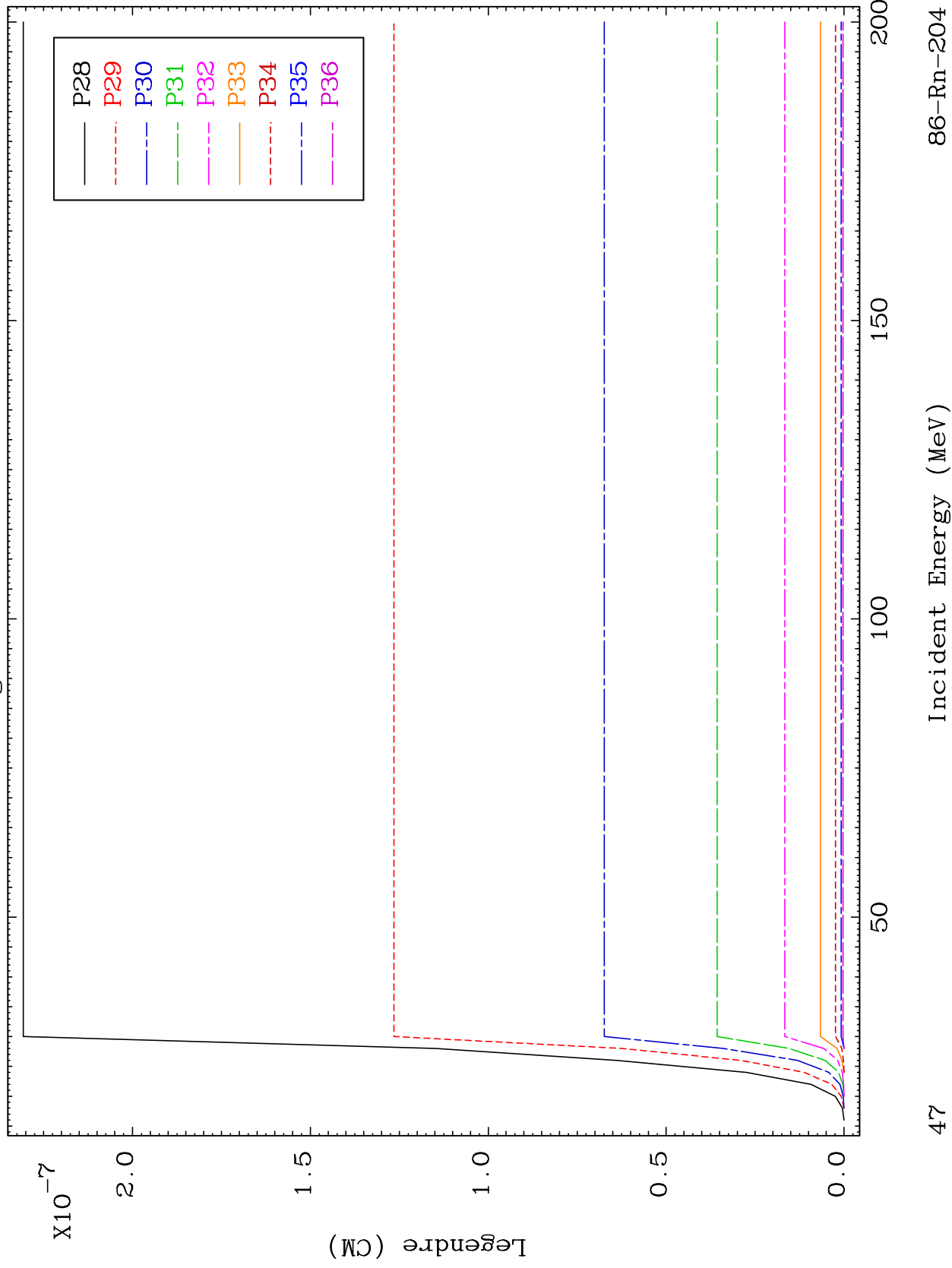
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



47

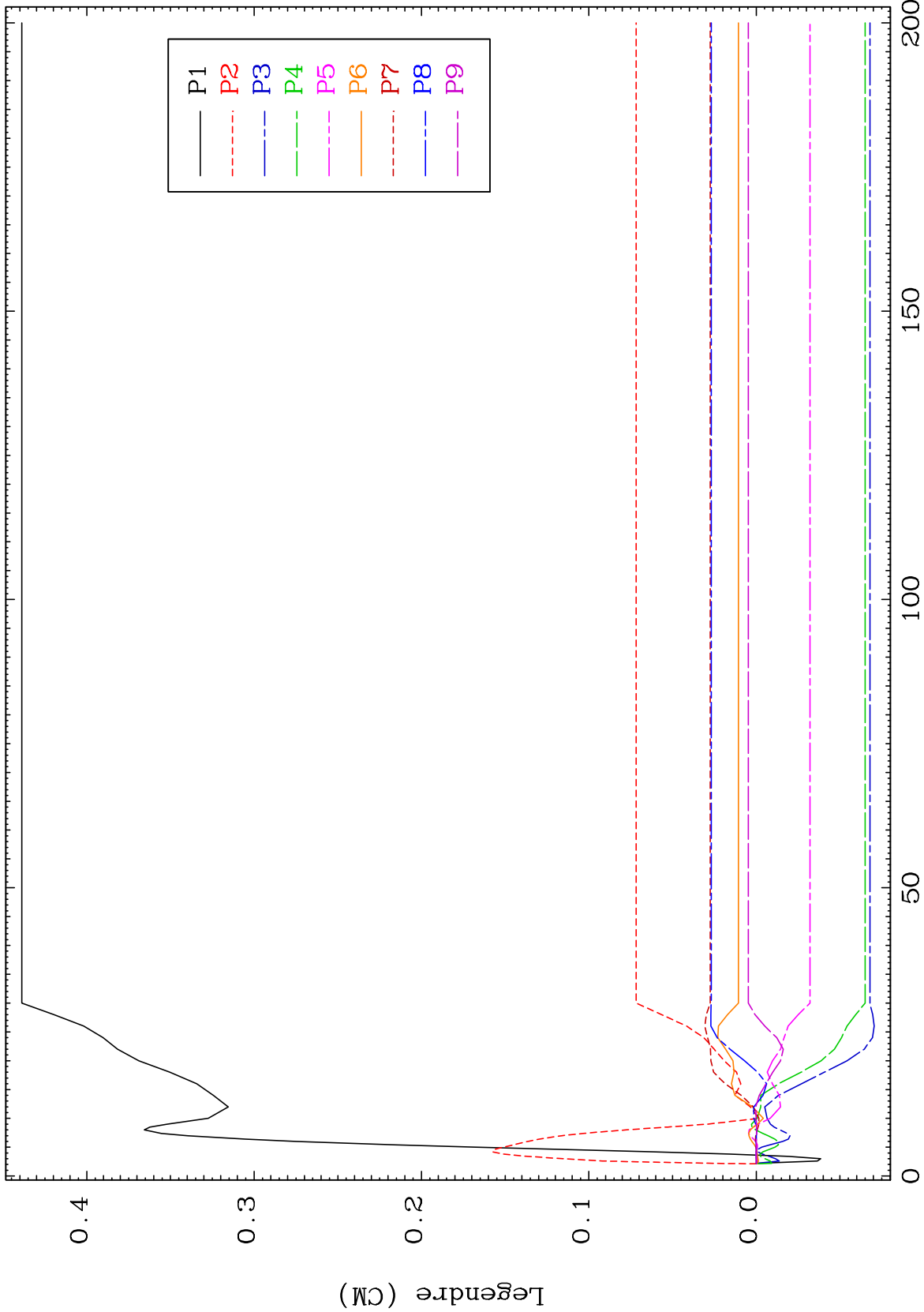
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



86-Rn-204

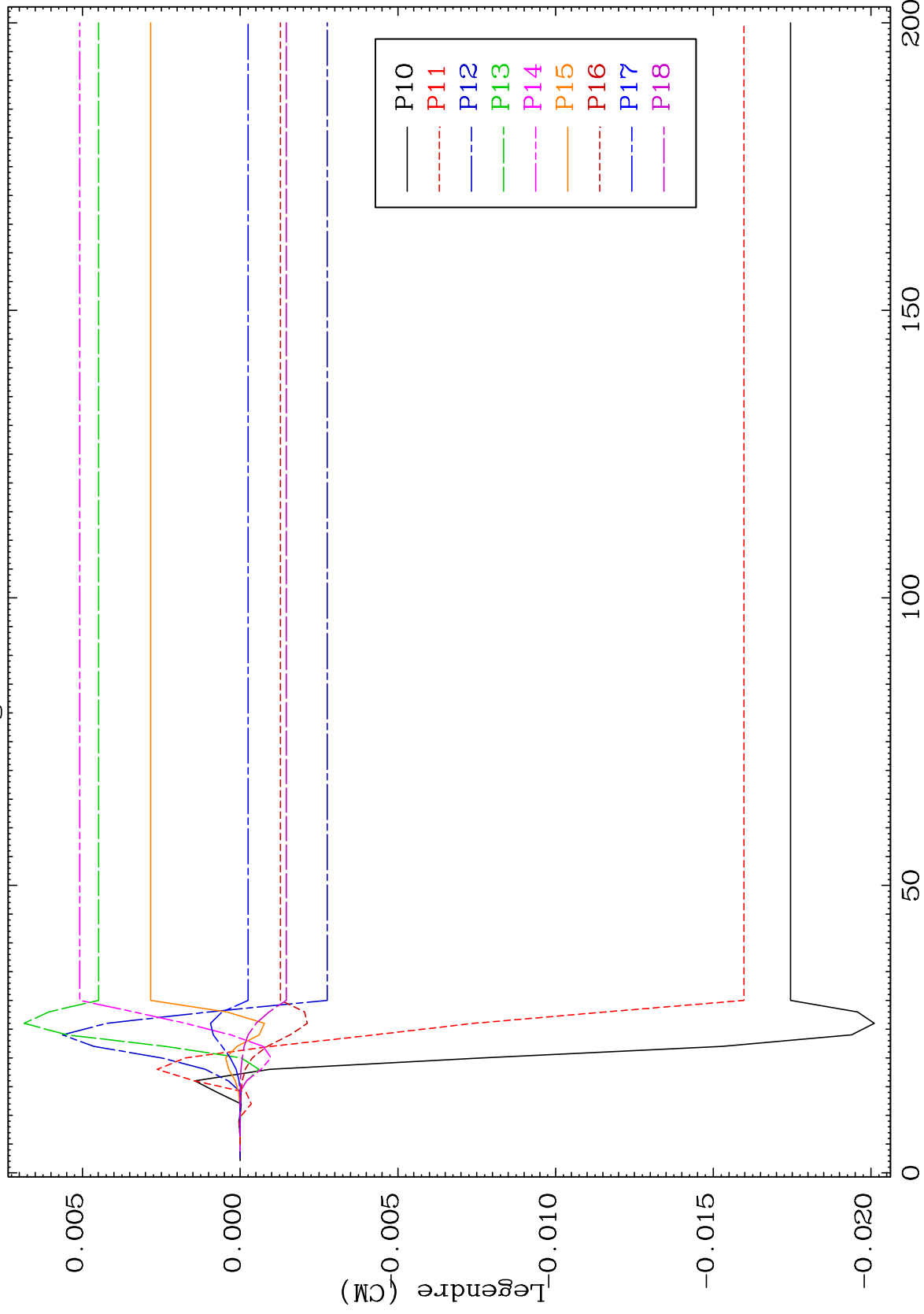
Incident Energy (MeV)

48

MAT 8604

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

86-Rn-204



49

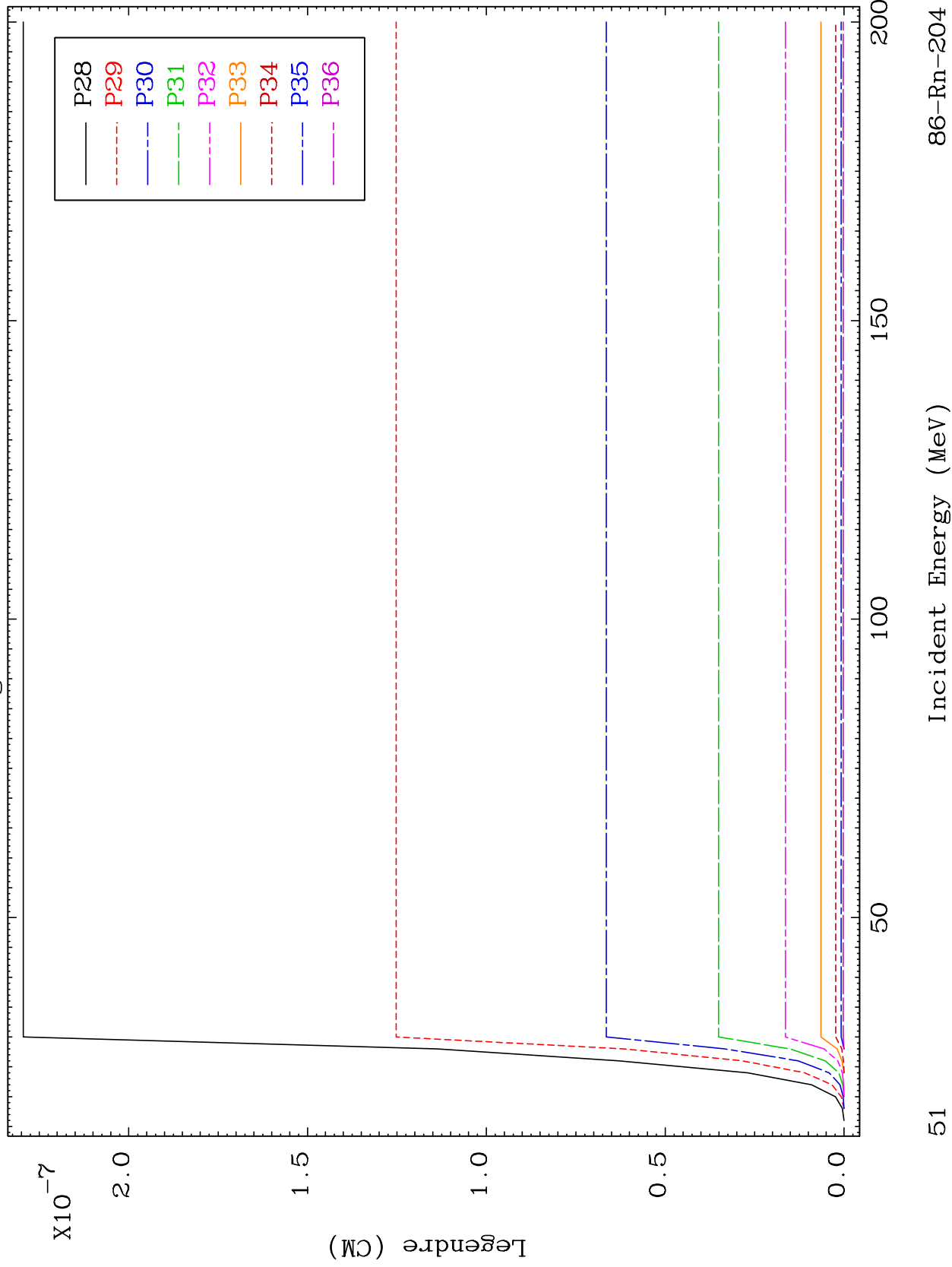
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



51

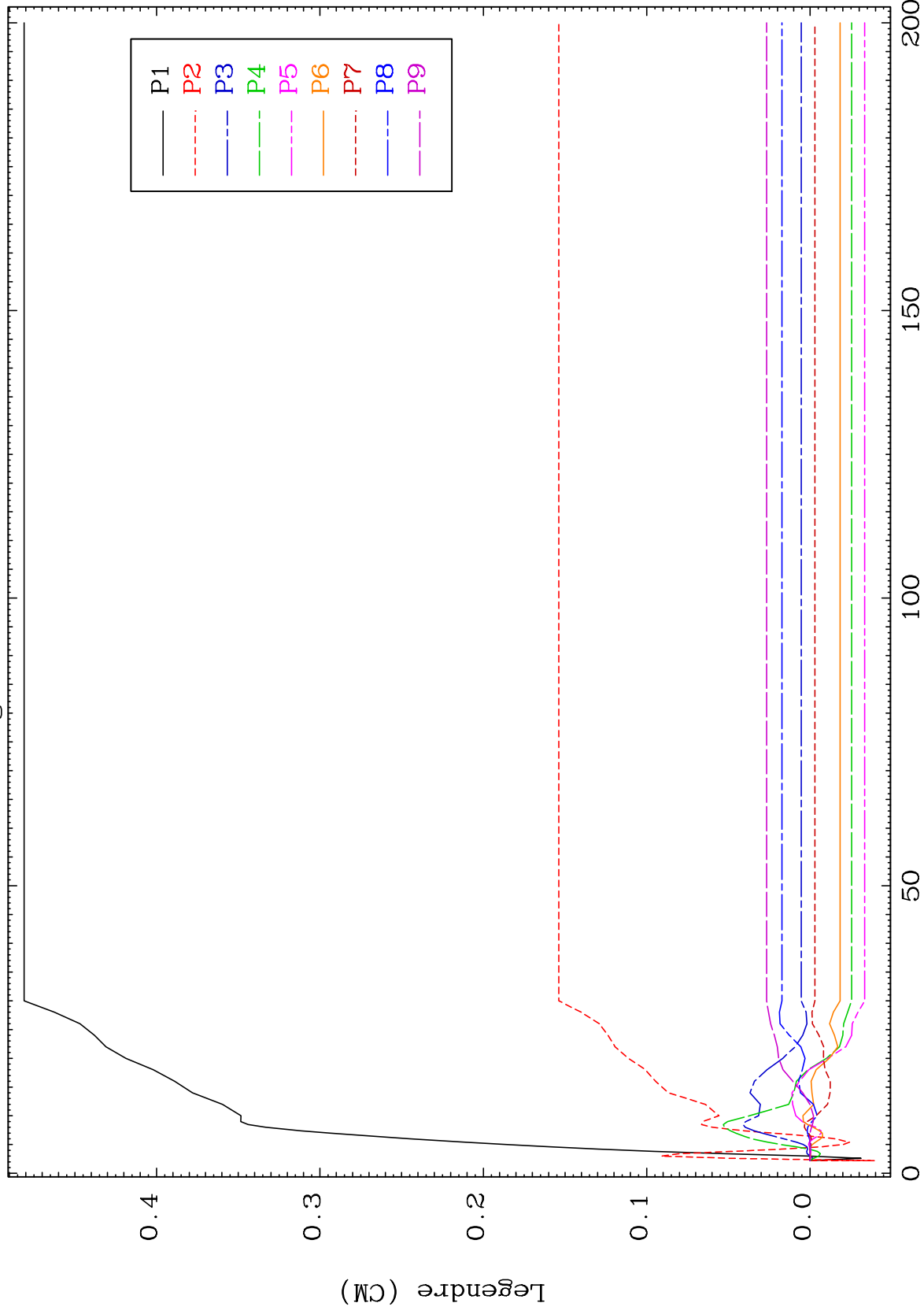
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



86-Rn-204

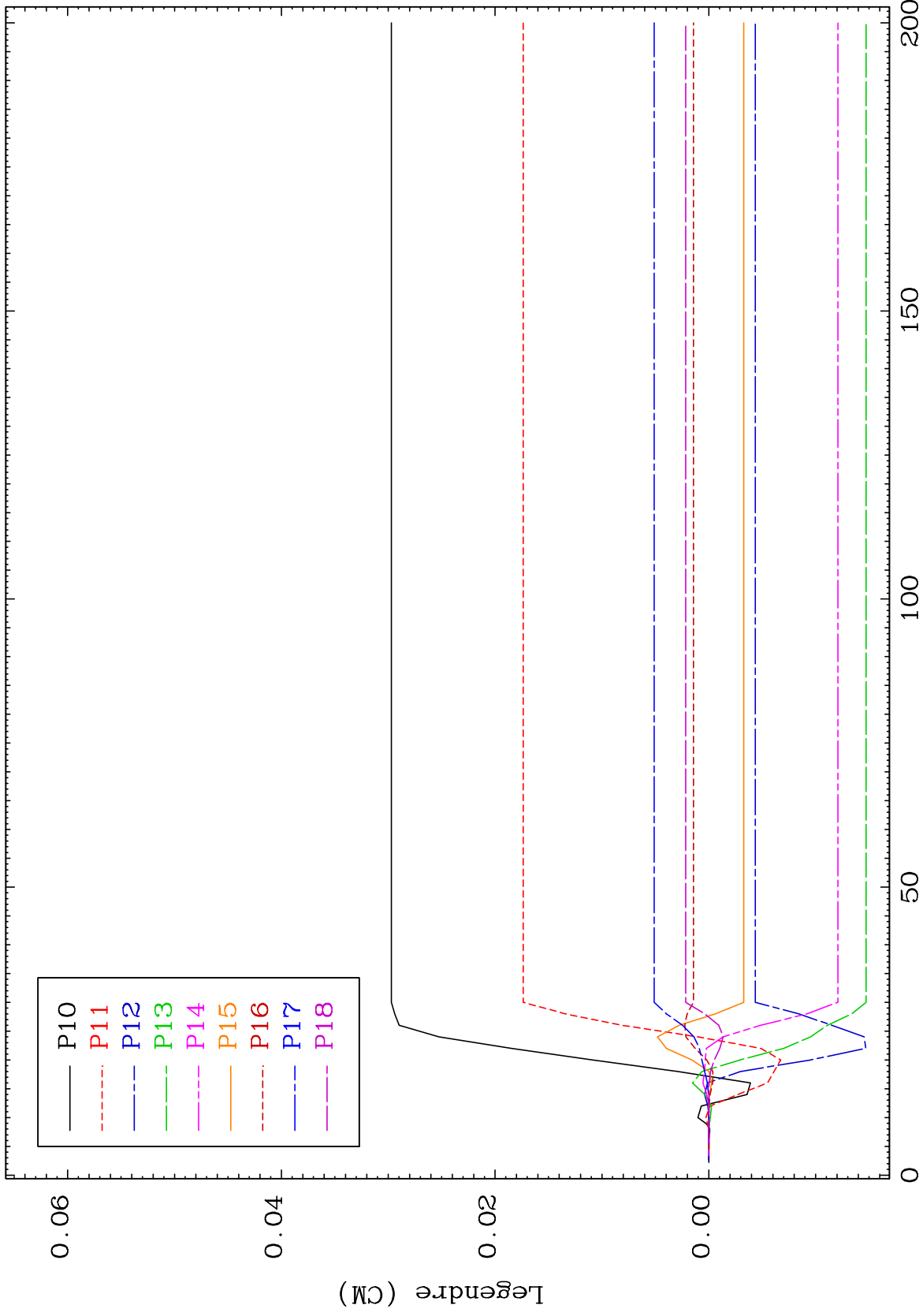
Incident Energy (MeV)

52

MAT 8604

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

86-Rn-204



53

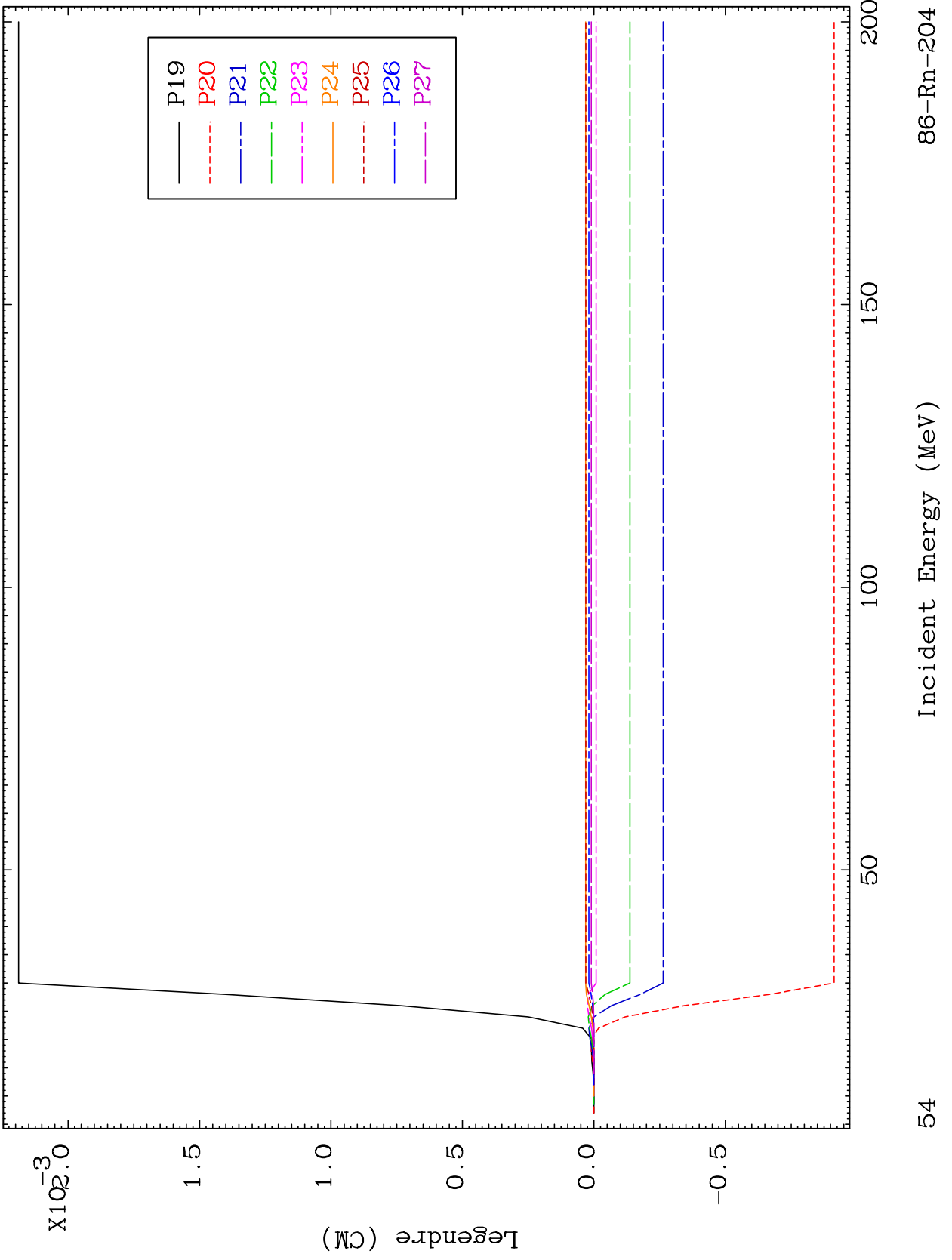
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



54

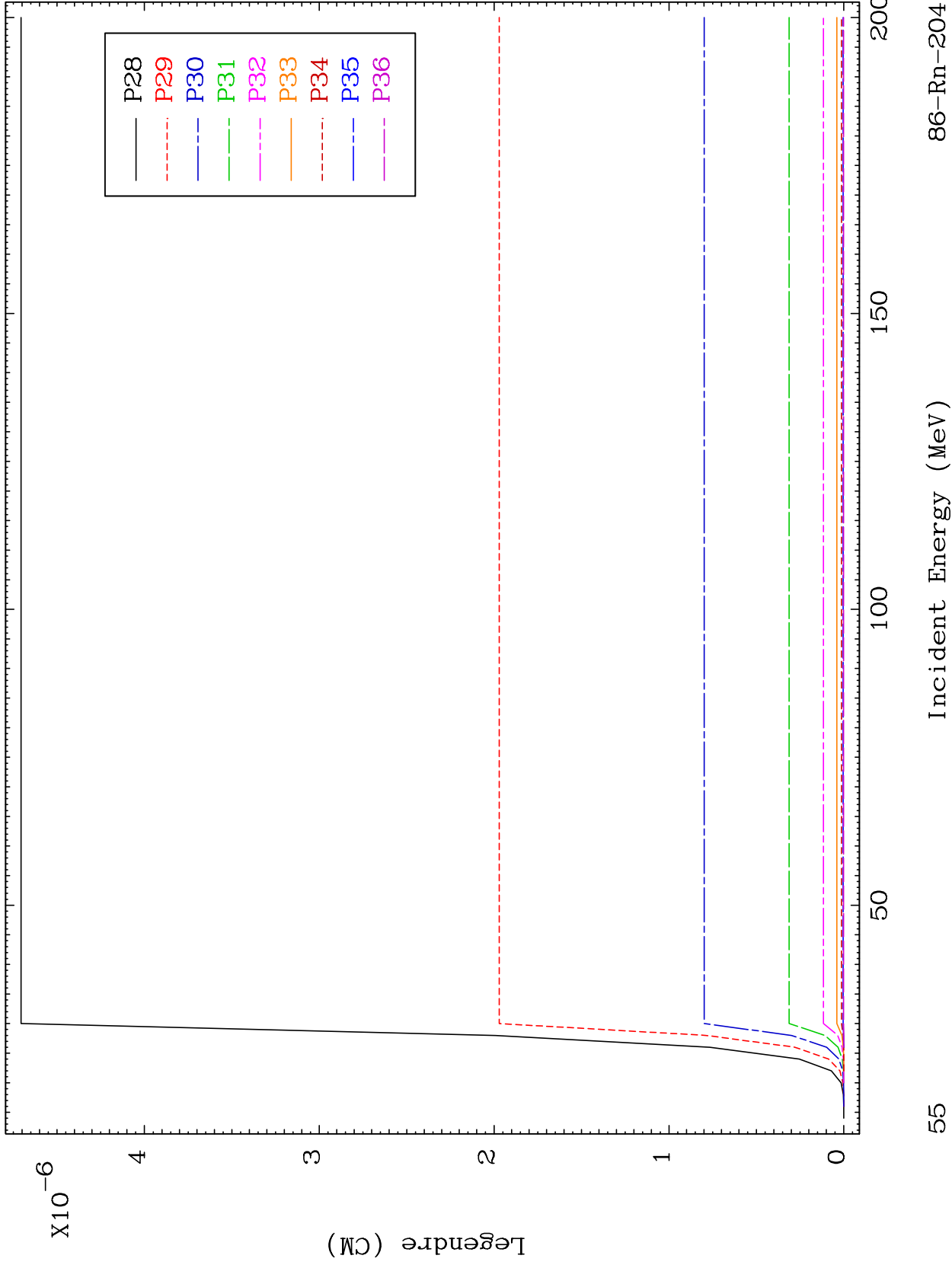
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

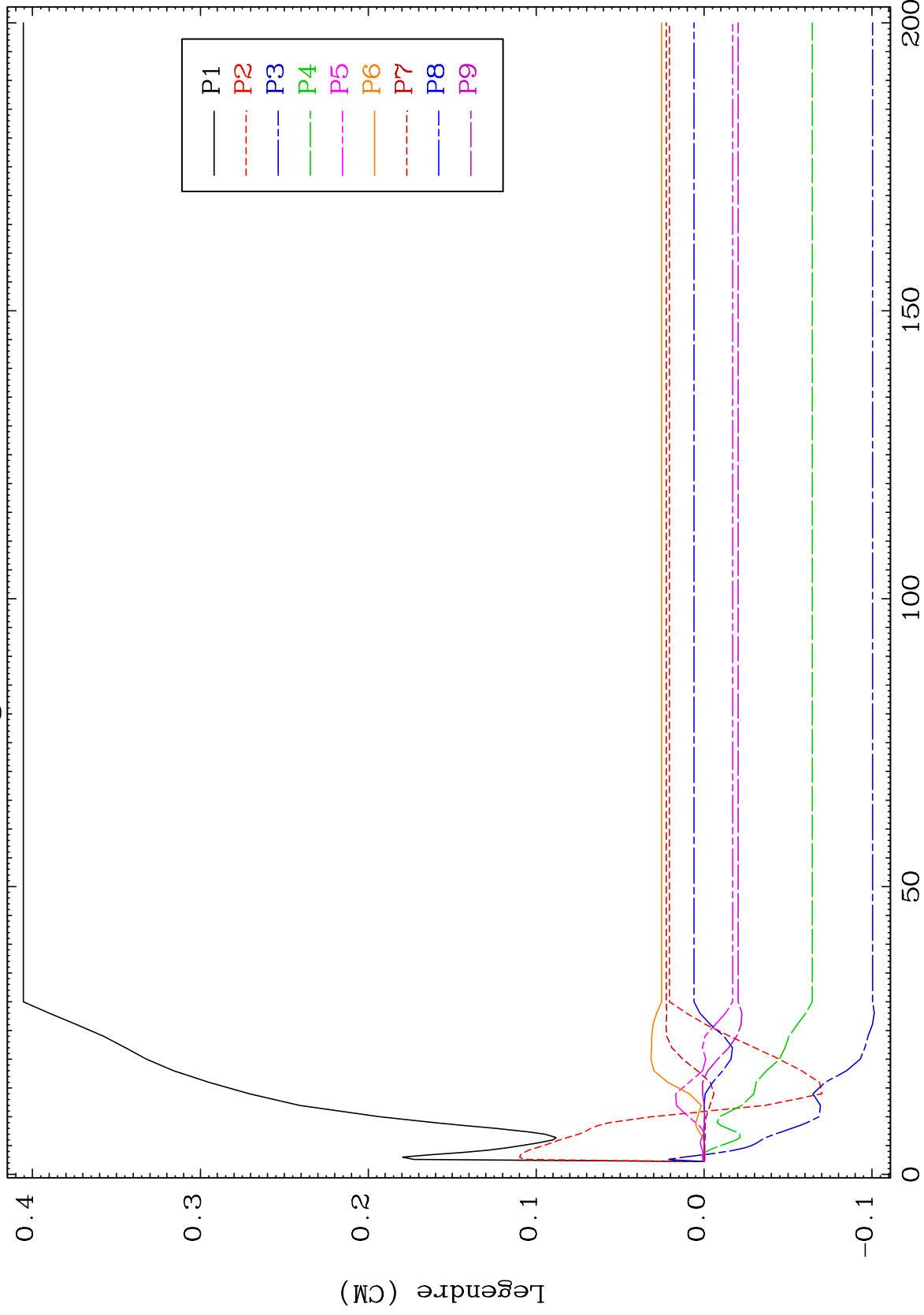
86-Rn-204



MAT 8604

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

86-Rn-204



56

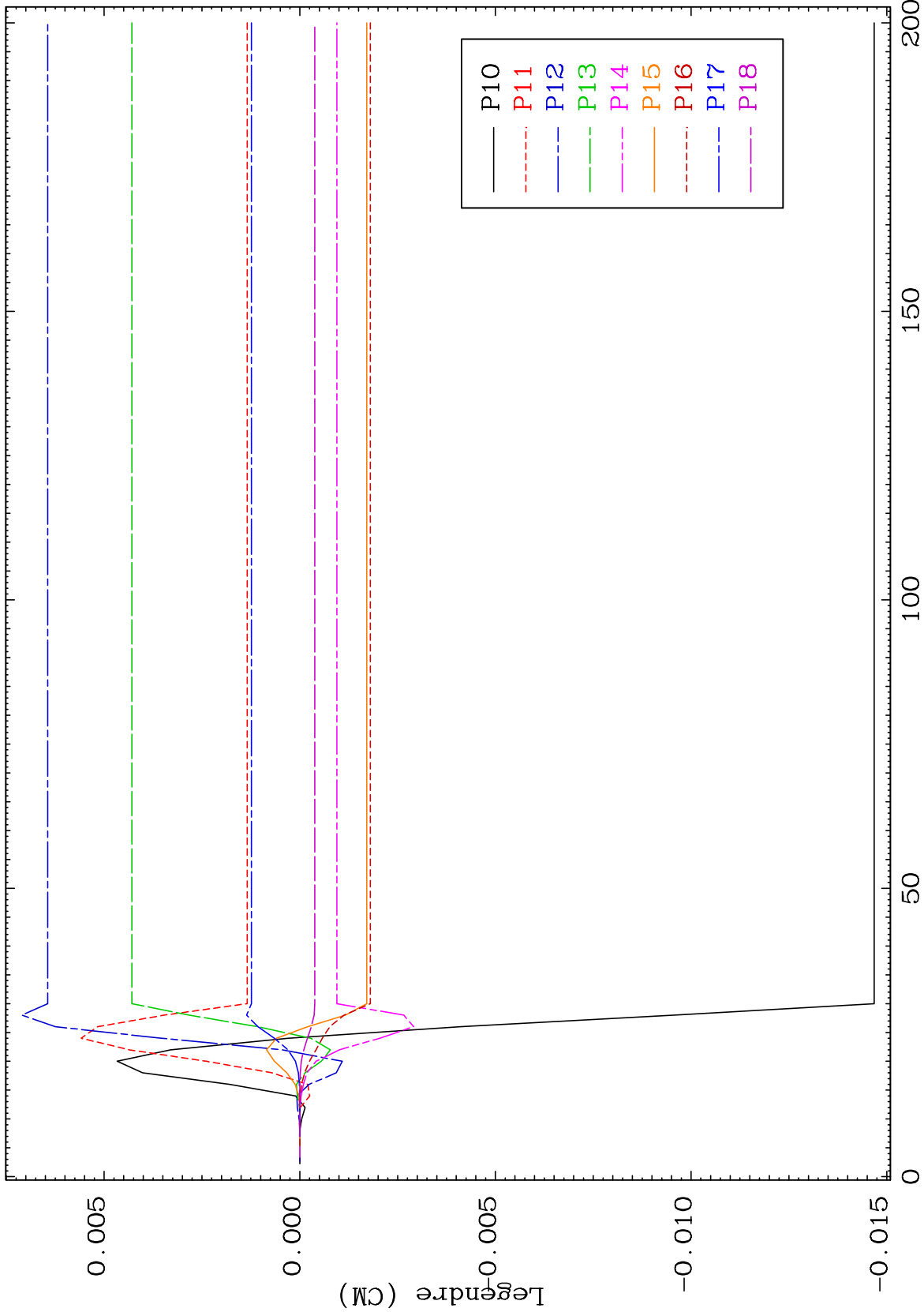
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



57

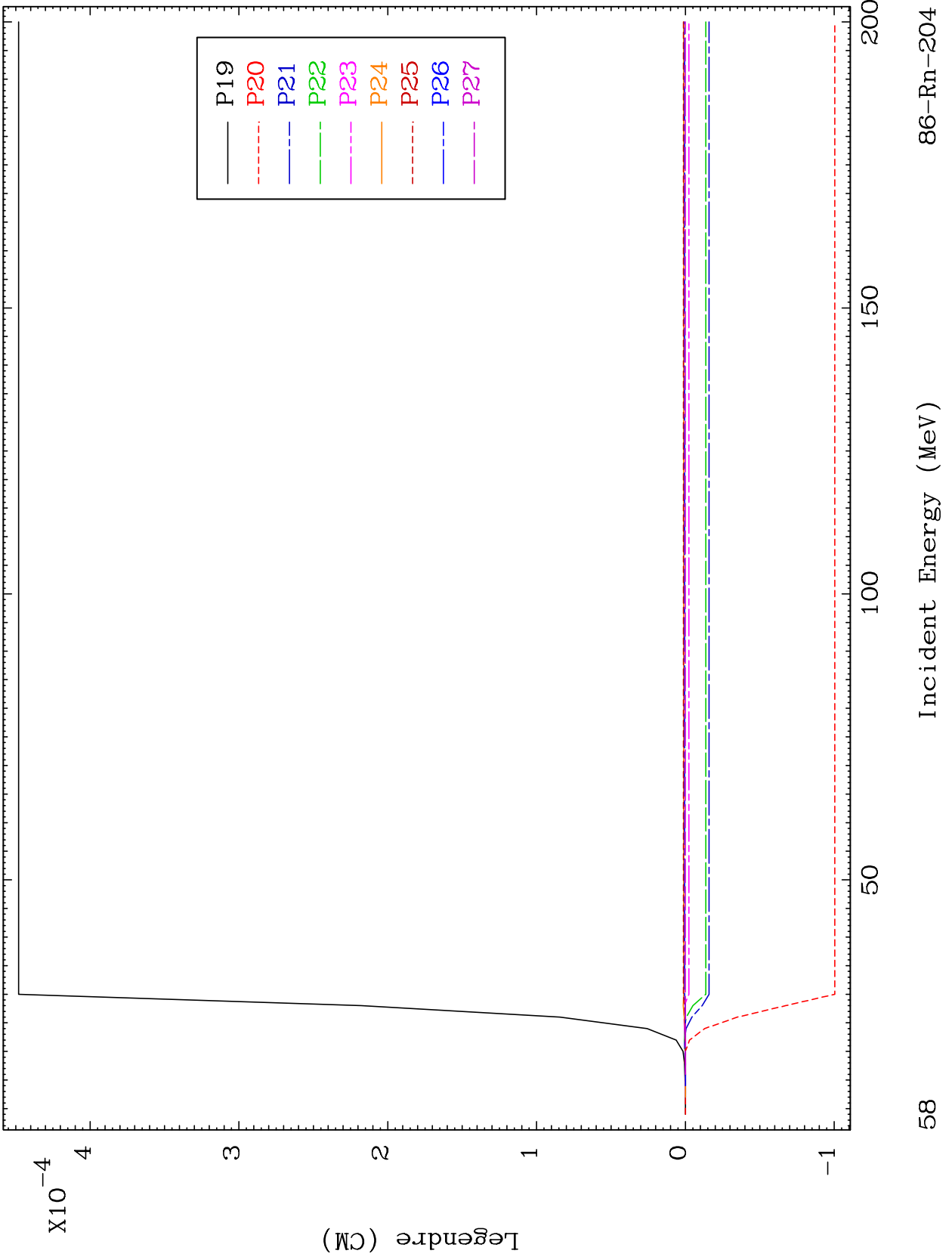
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



58

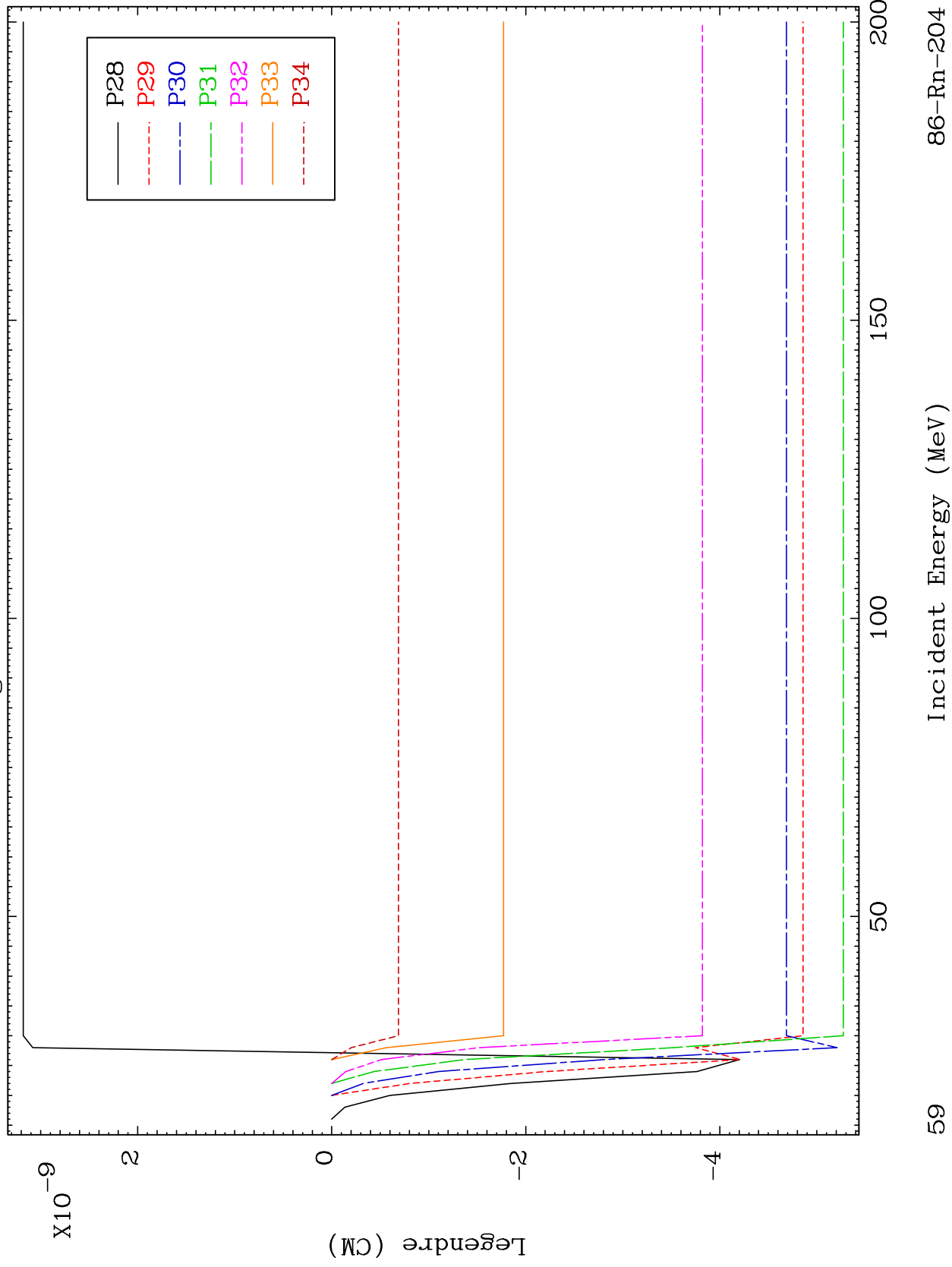
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



59

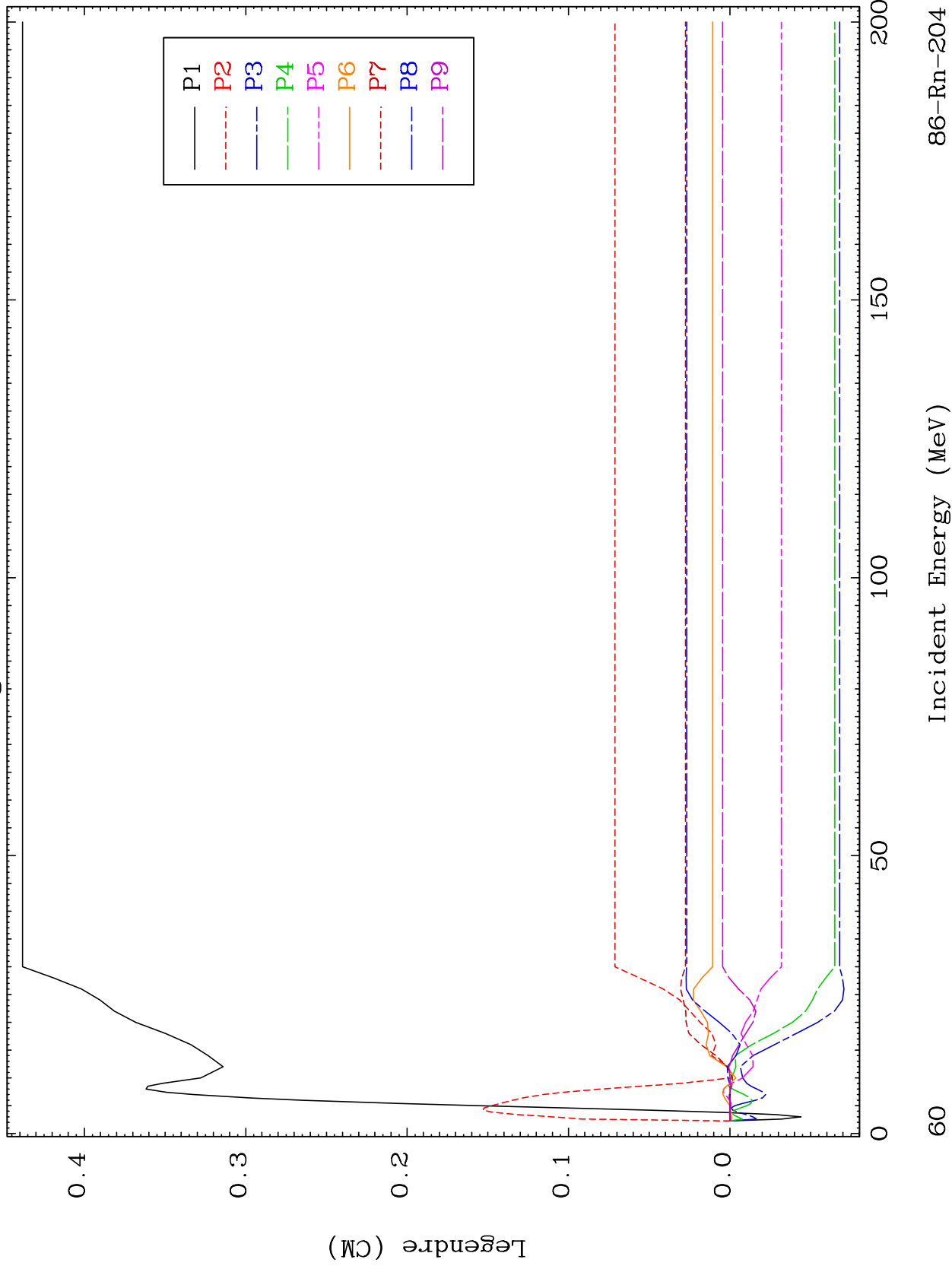
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

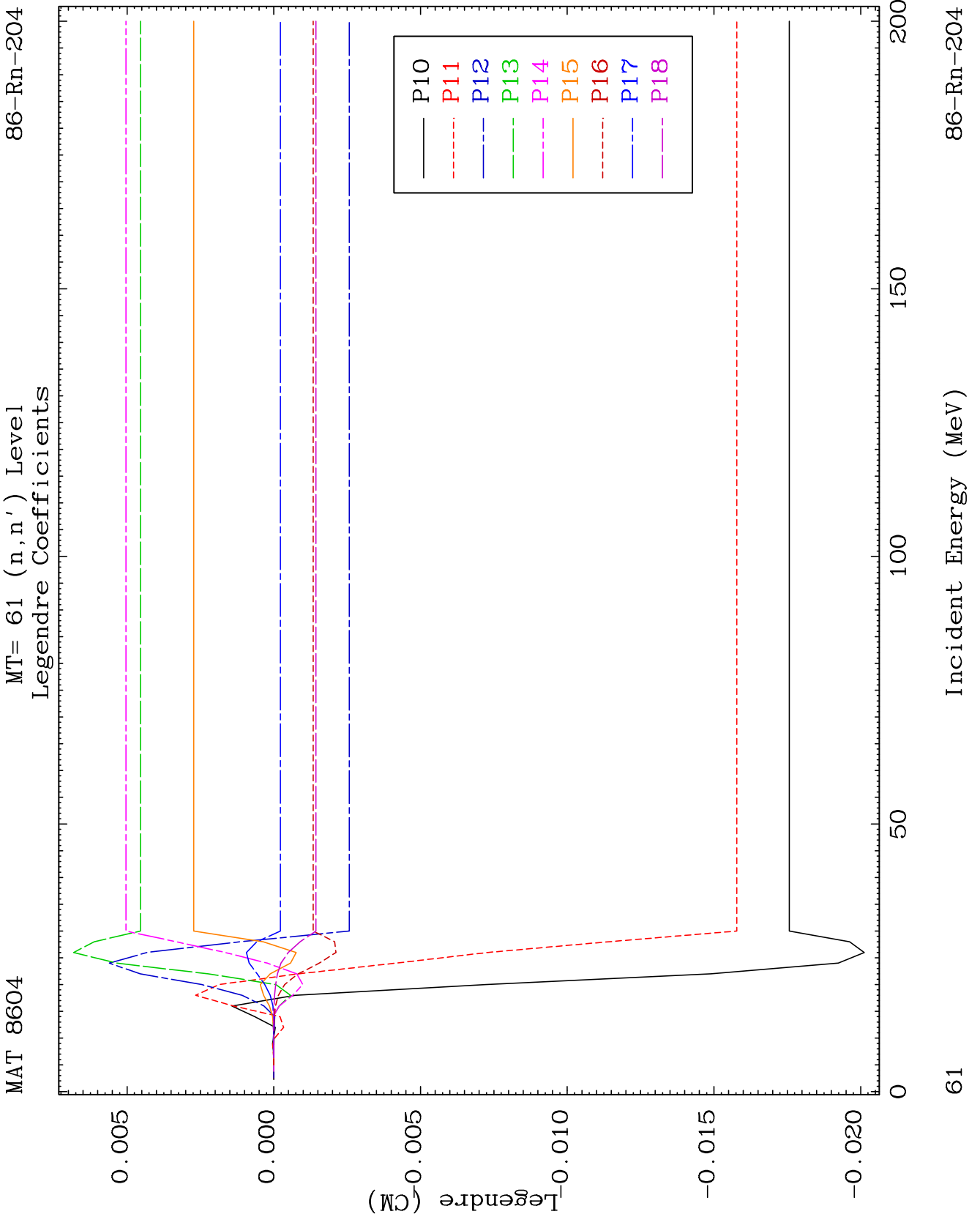
86-Rn-204



86-Rn-204

Incident Energy (MeV)

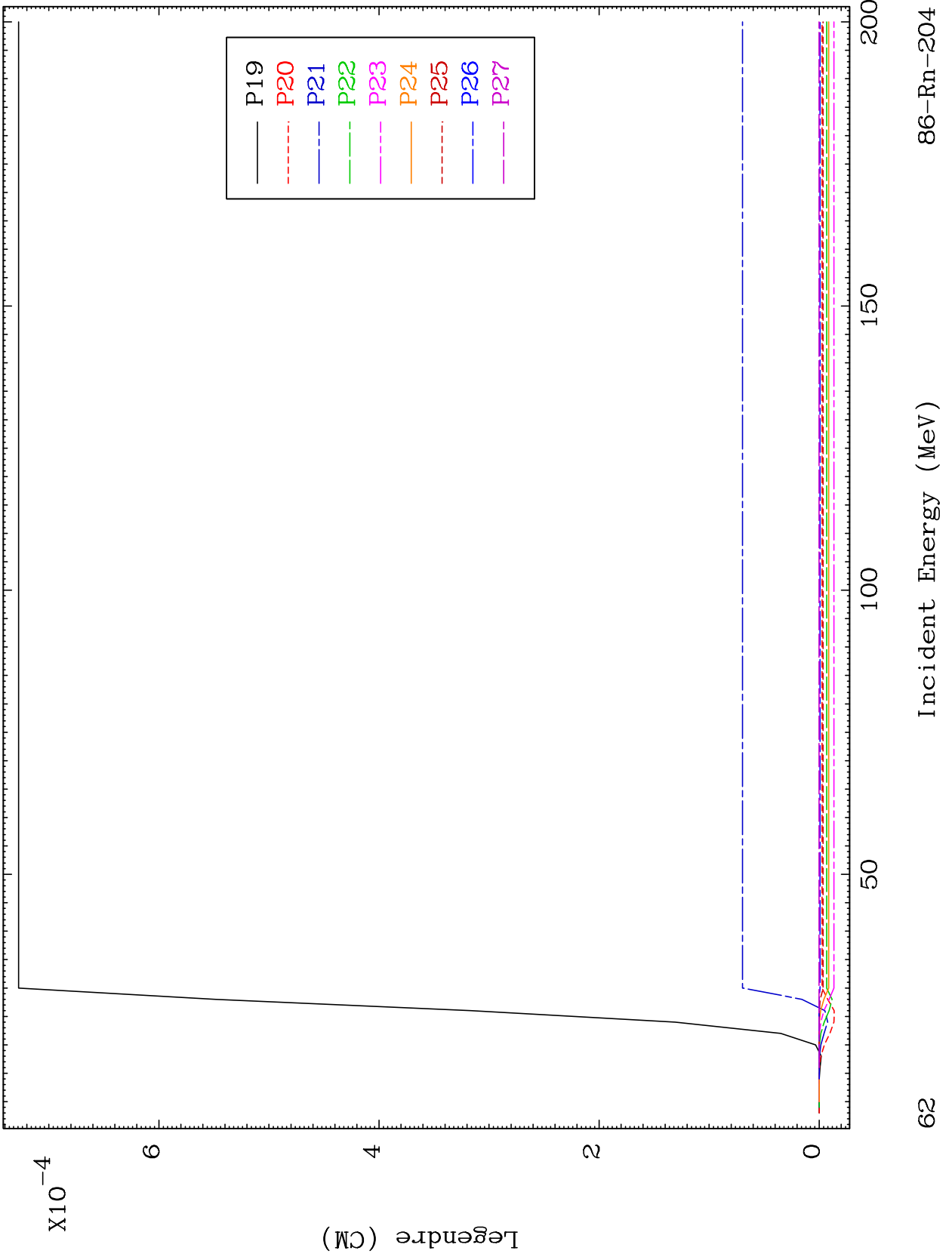
60



MAT 8604

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

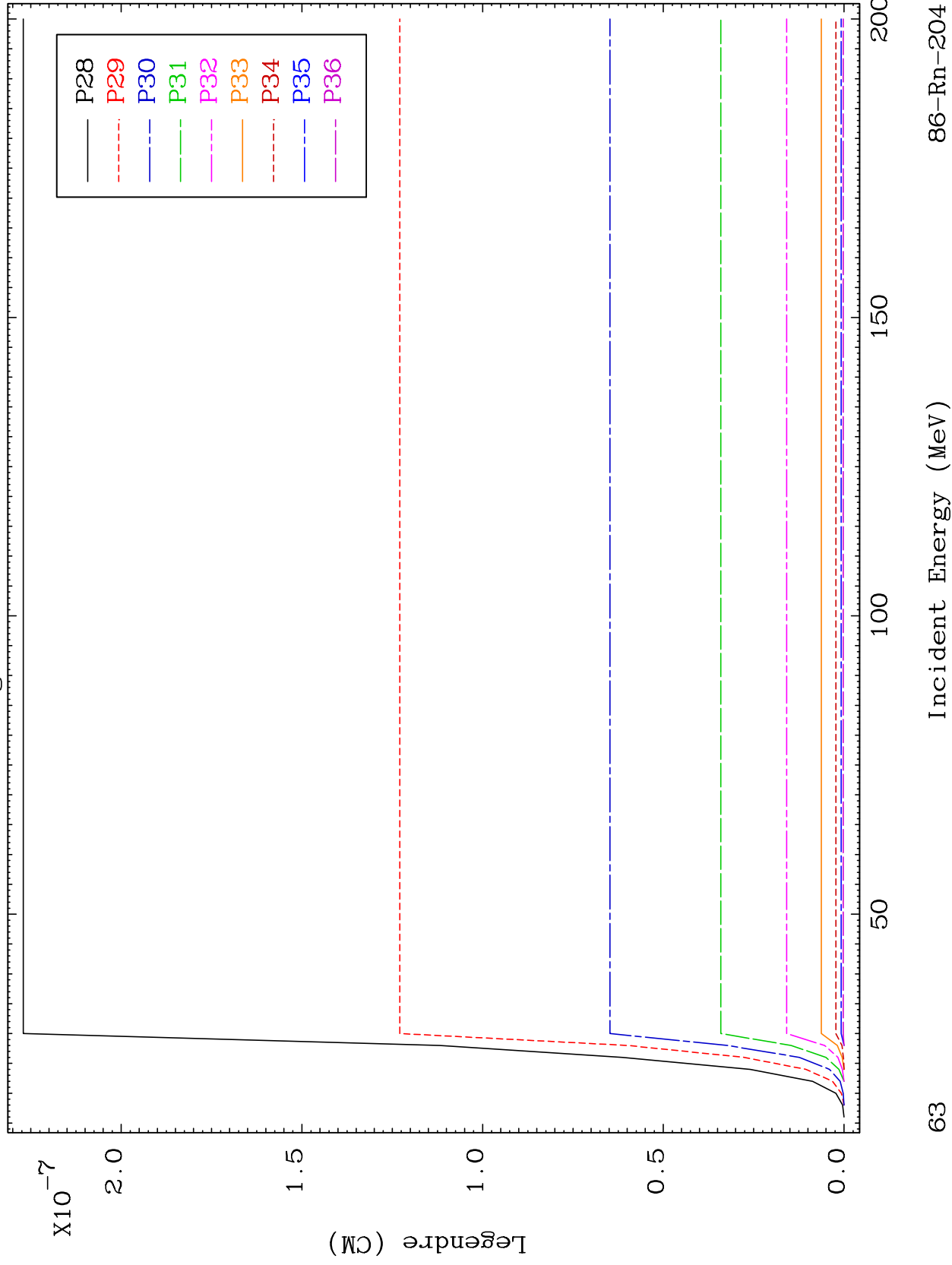
86-Rn-204



MAT 8604

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

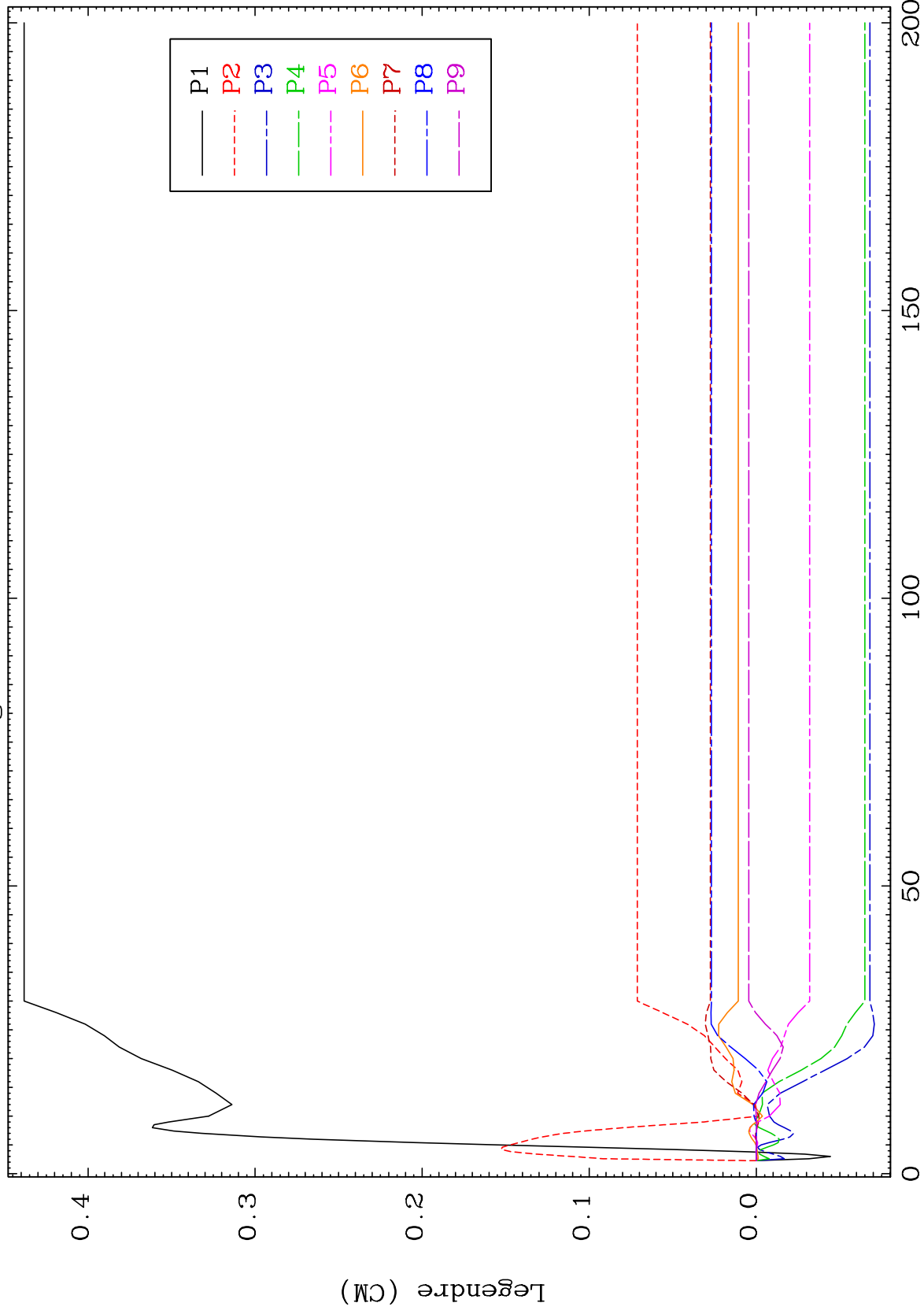
86-Rn-204



MAT 8604

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

86-Rn-204



64

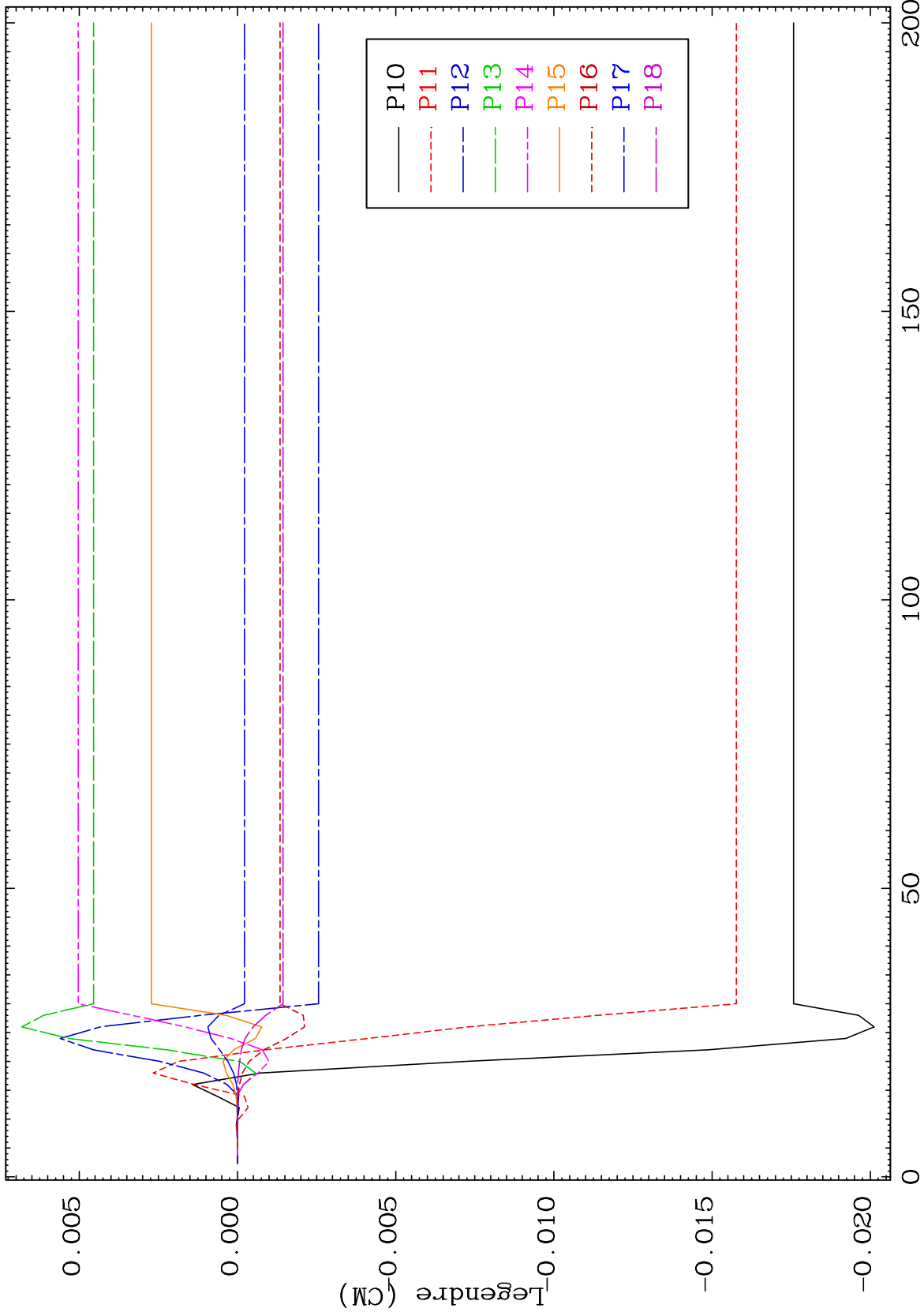
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



65

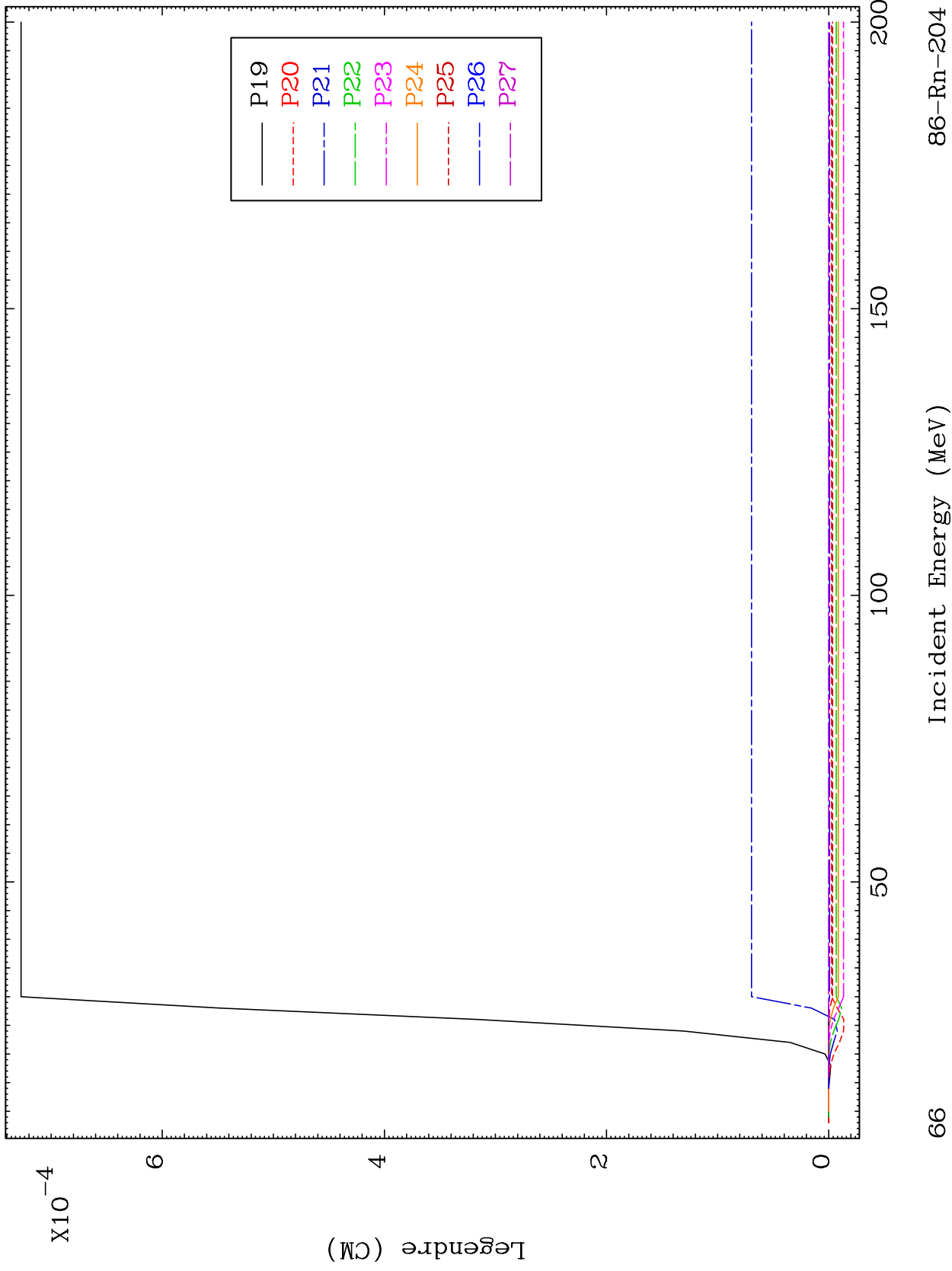
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

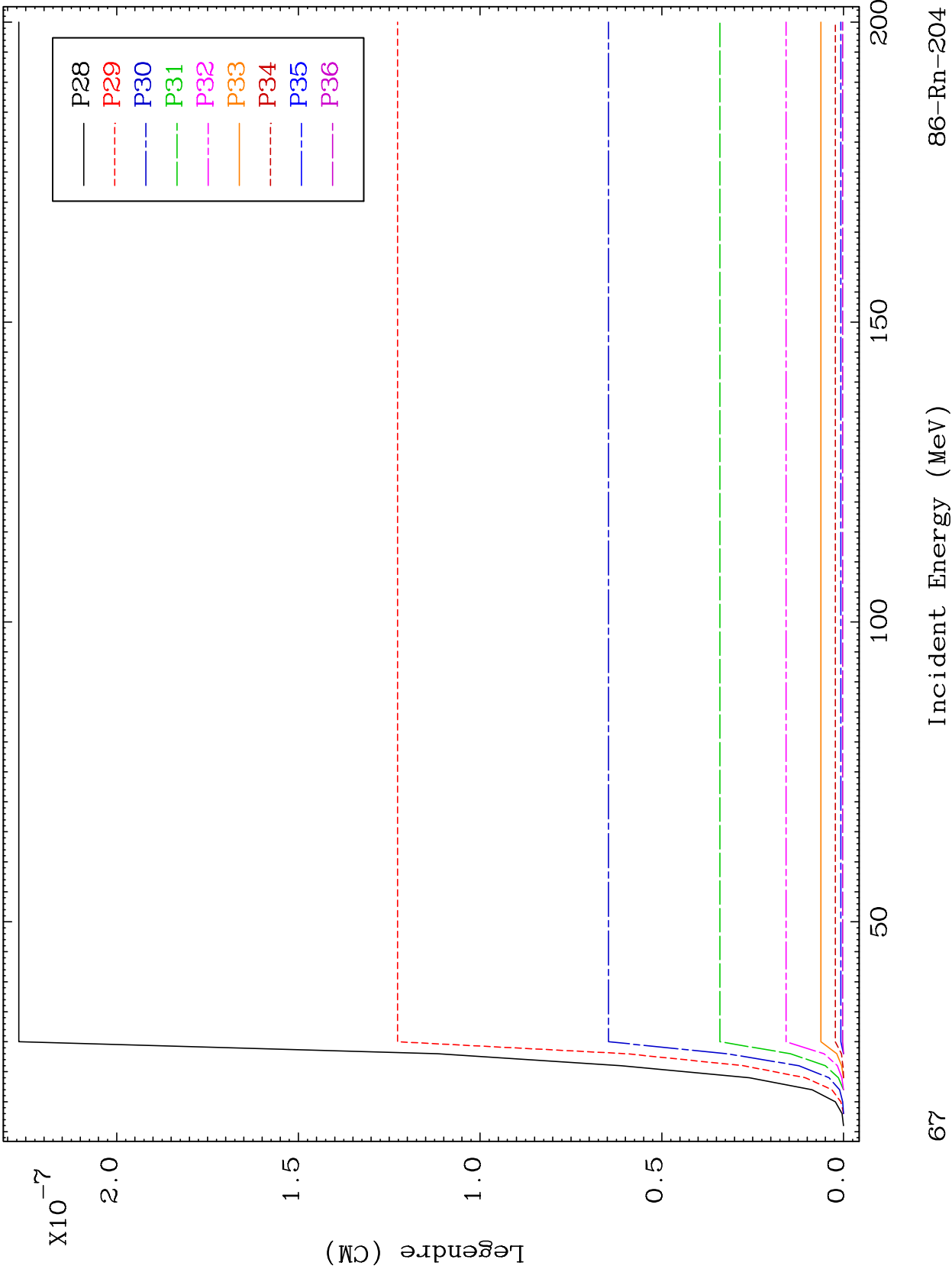
86-Rn-204



MAT 8604

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

86-Rn-204



67

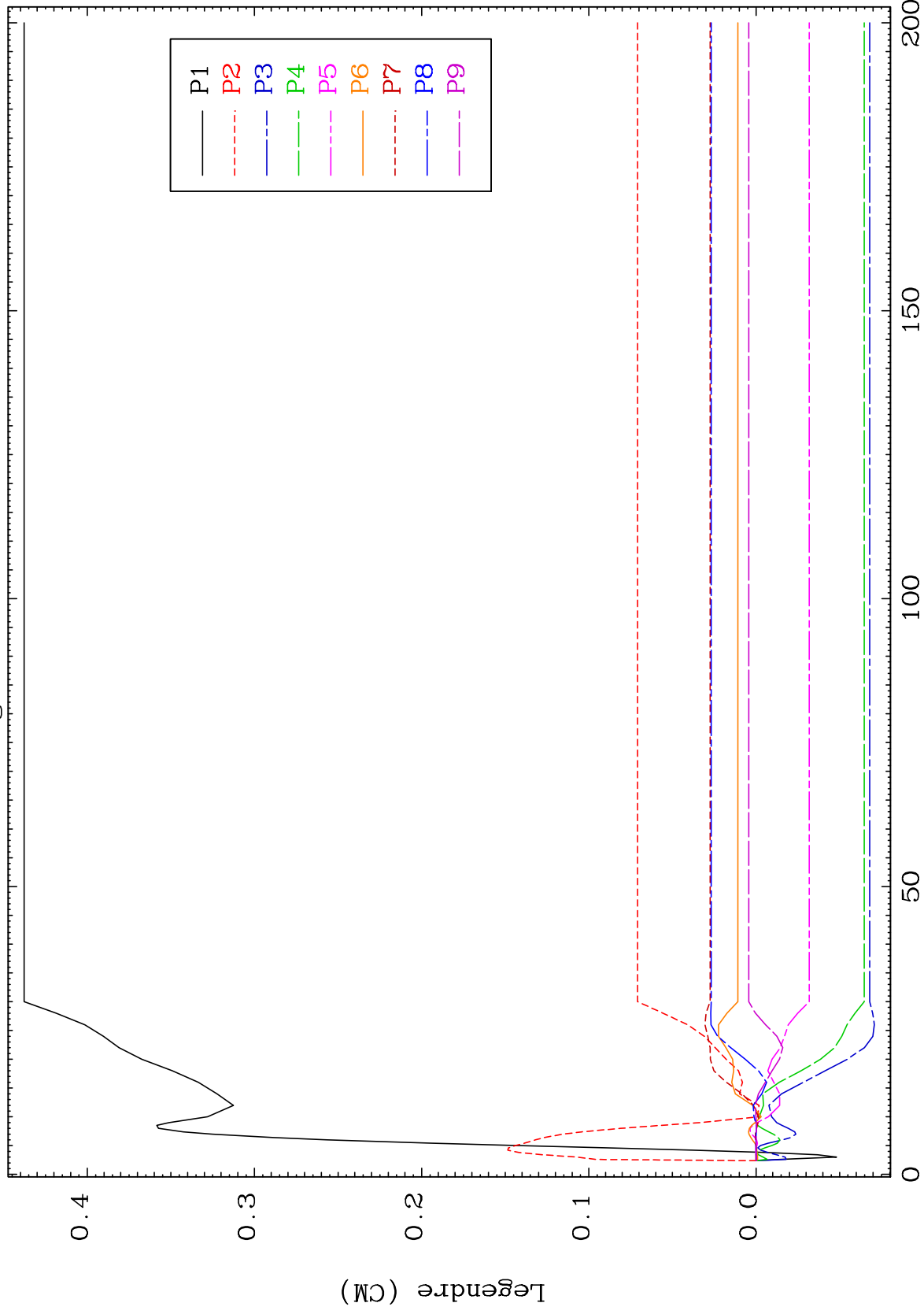
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



86-Rn-204

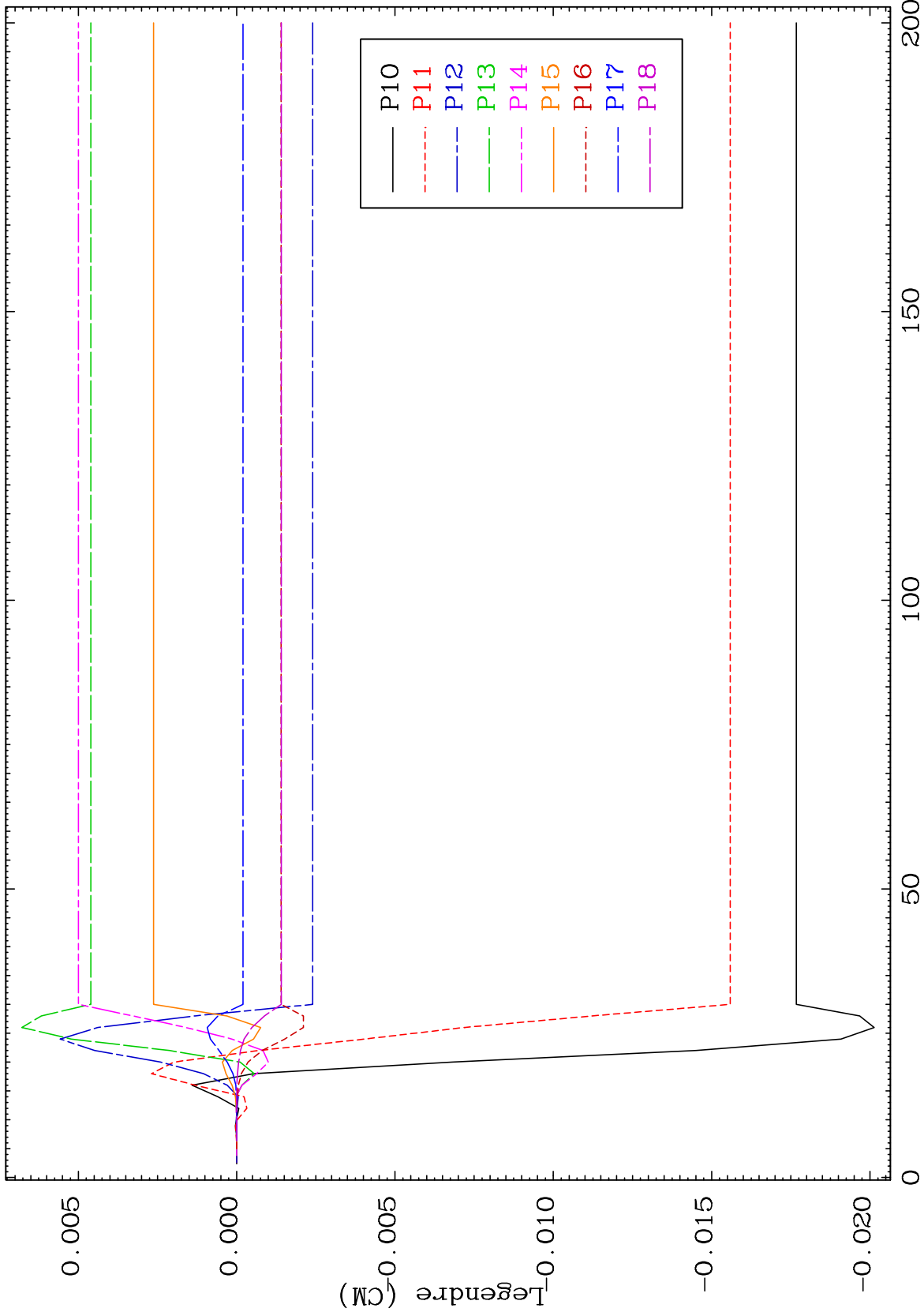
Incident Energy (MeV)

68

MAT 8604

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

86-Rn-204



69

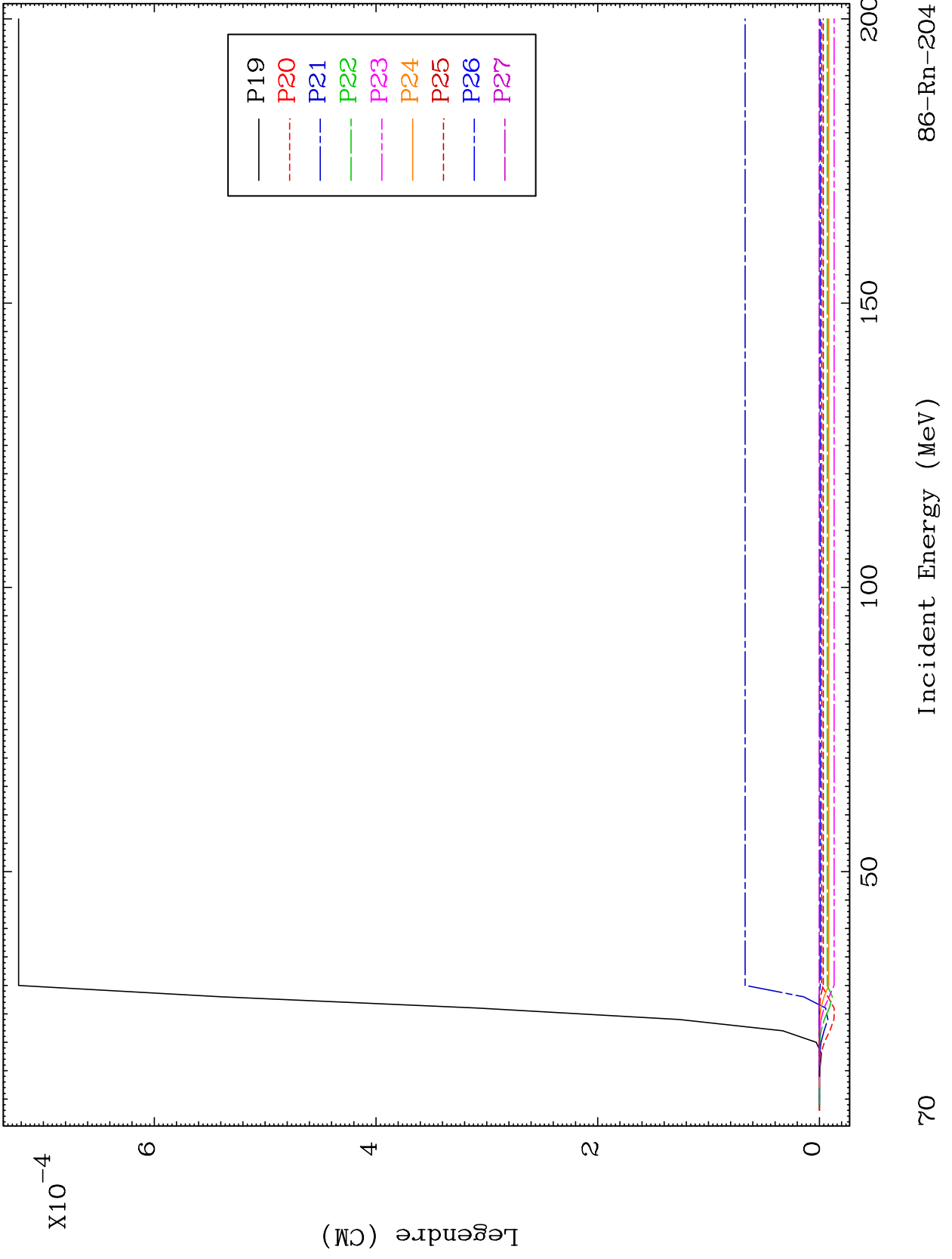
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

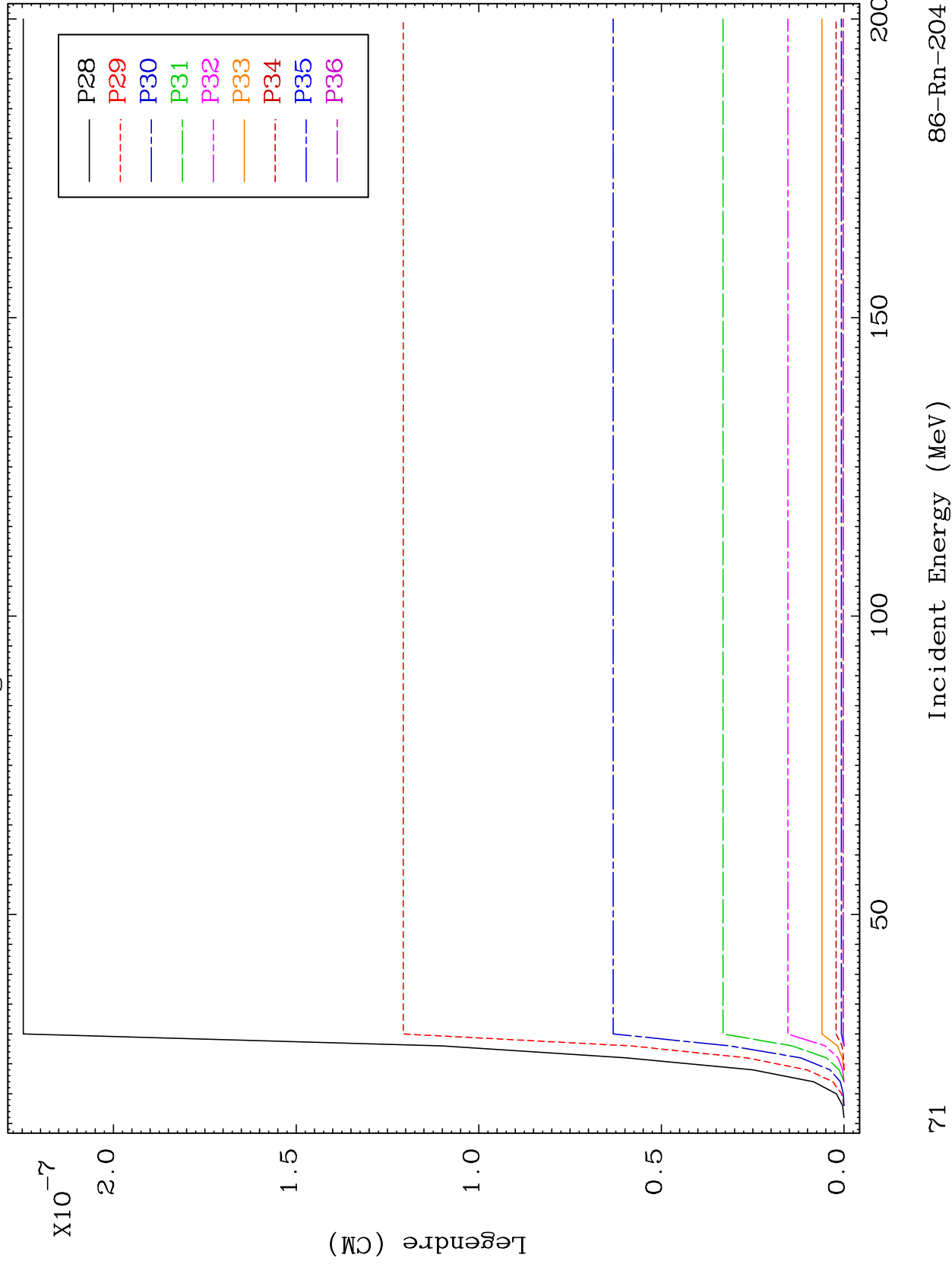
86-Rn-204



MAT 8604

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

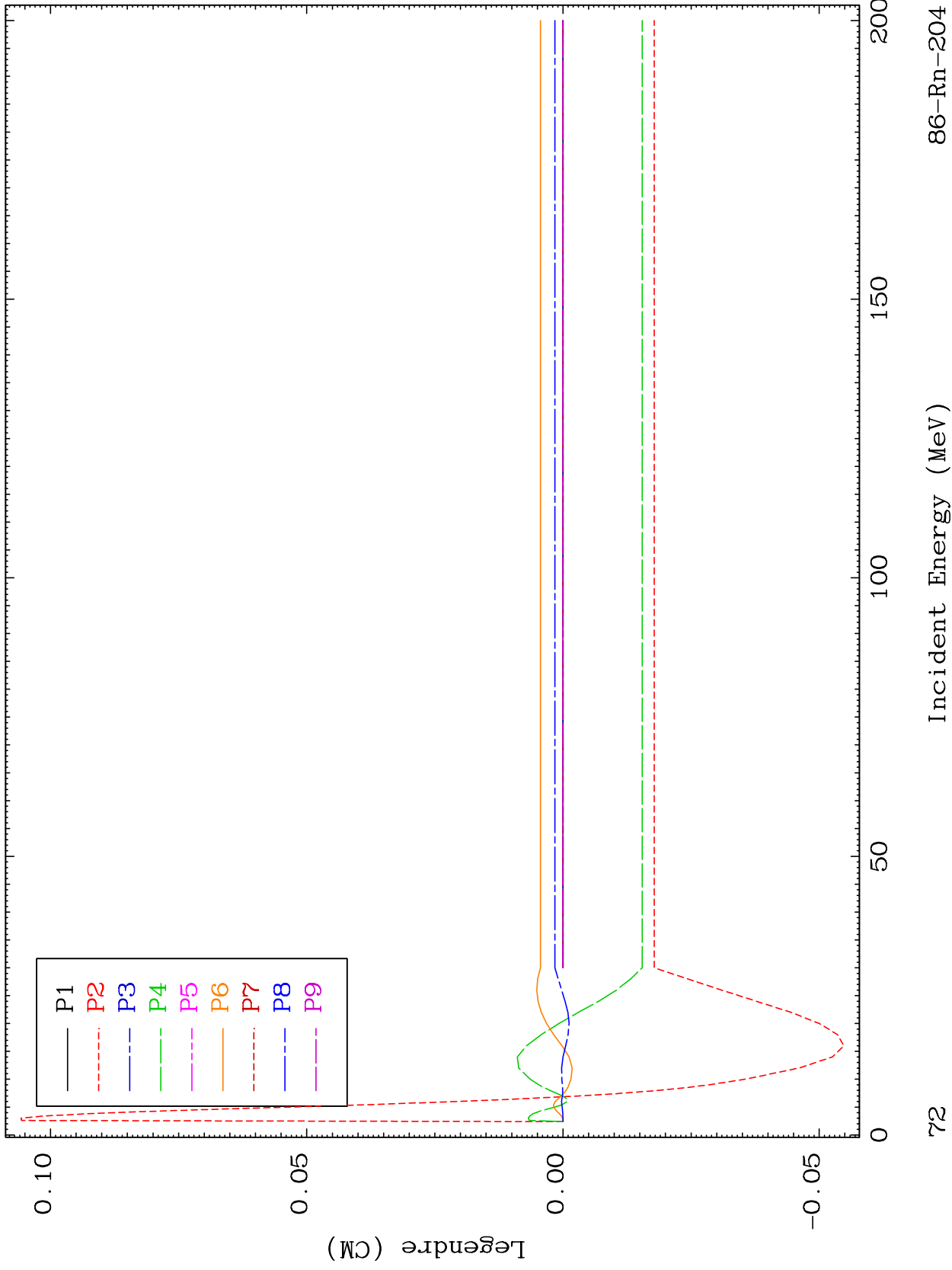
86-Rn-204



MAT 8604

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

86-Rn-204



86-Rn-204

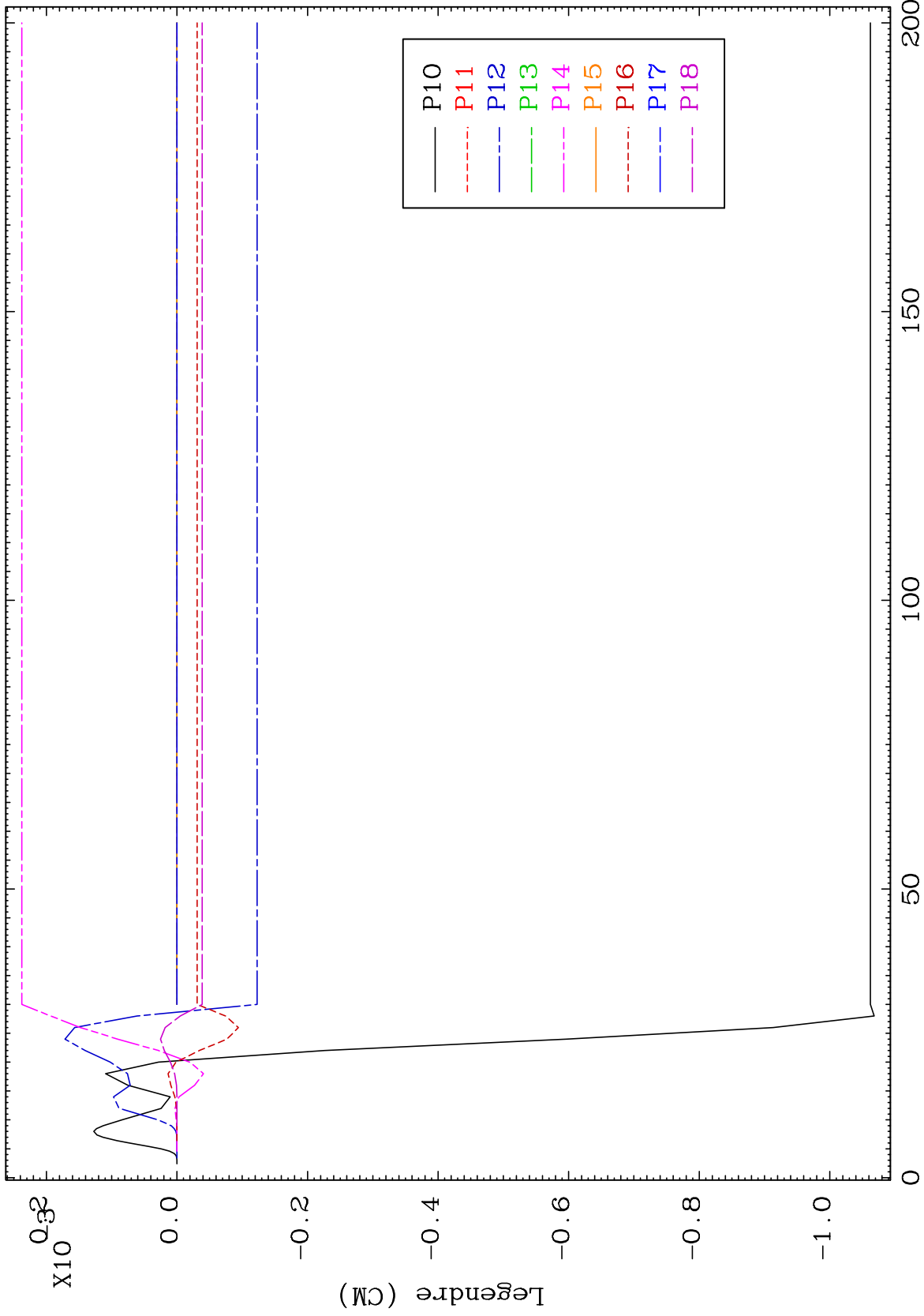
Incident Energy (MeV)

72

MAT 8604

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

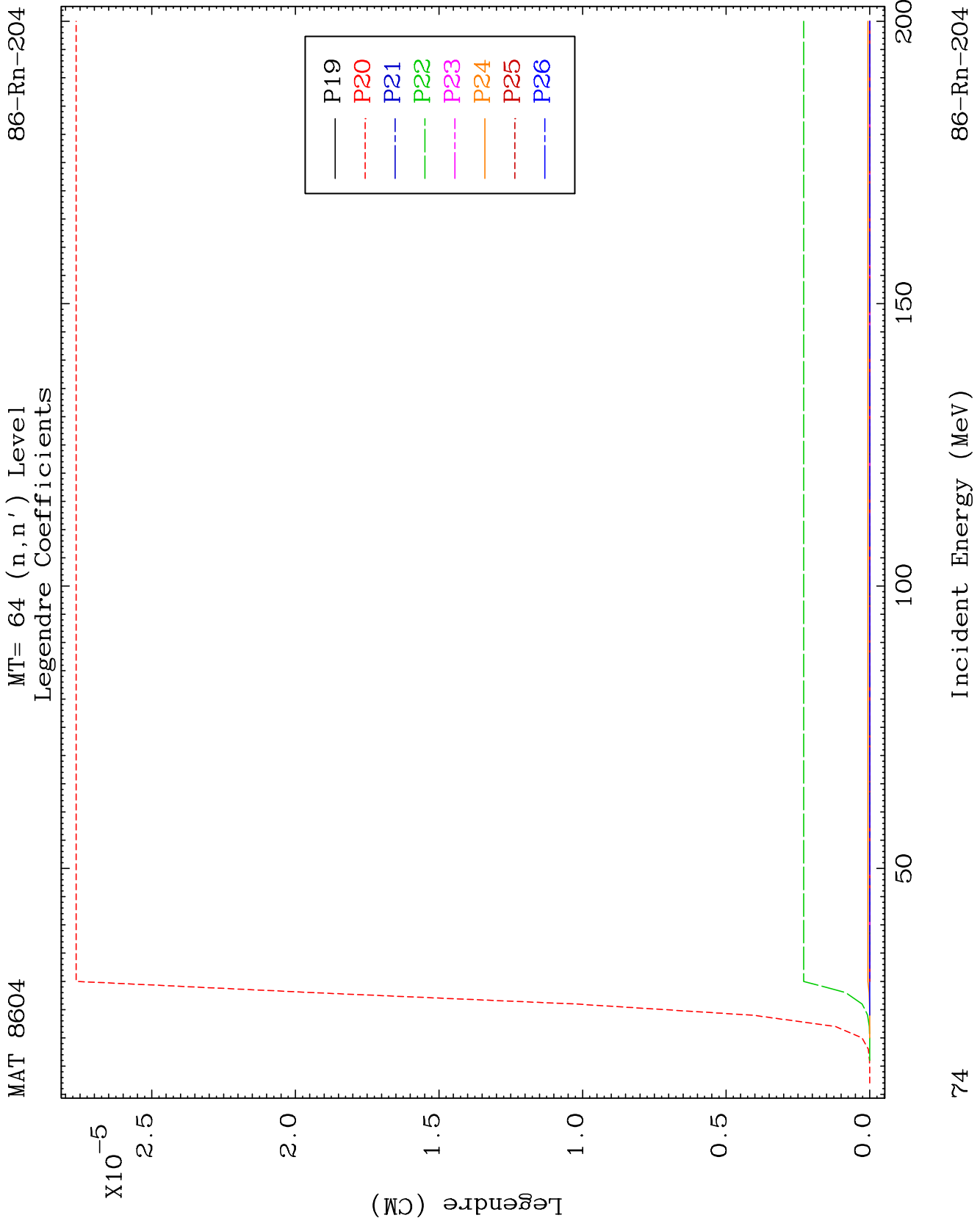
86-Rn-204



73

Incident Energy (MeV)

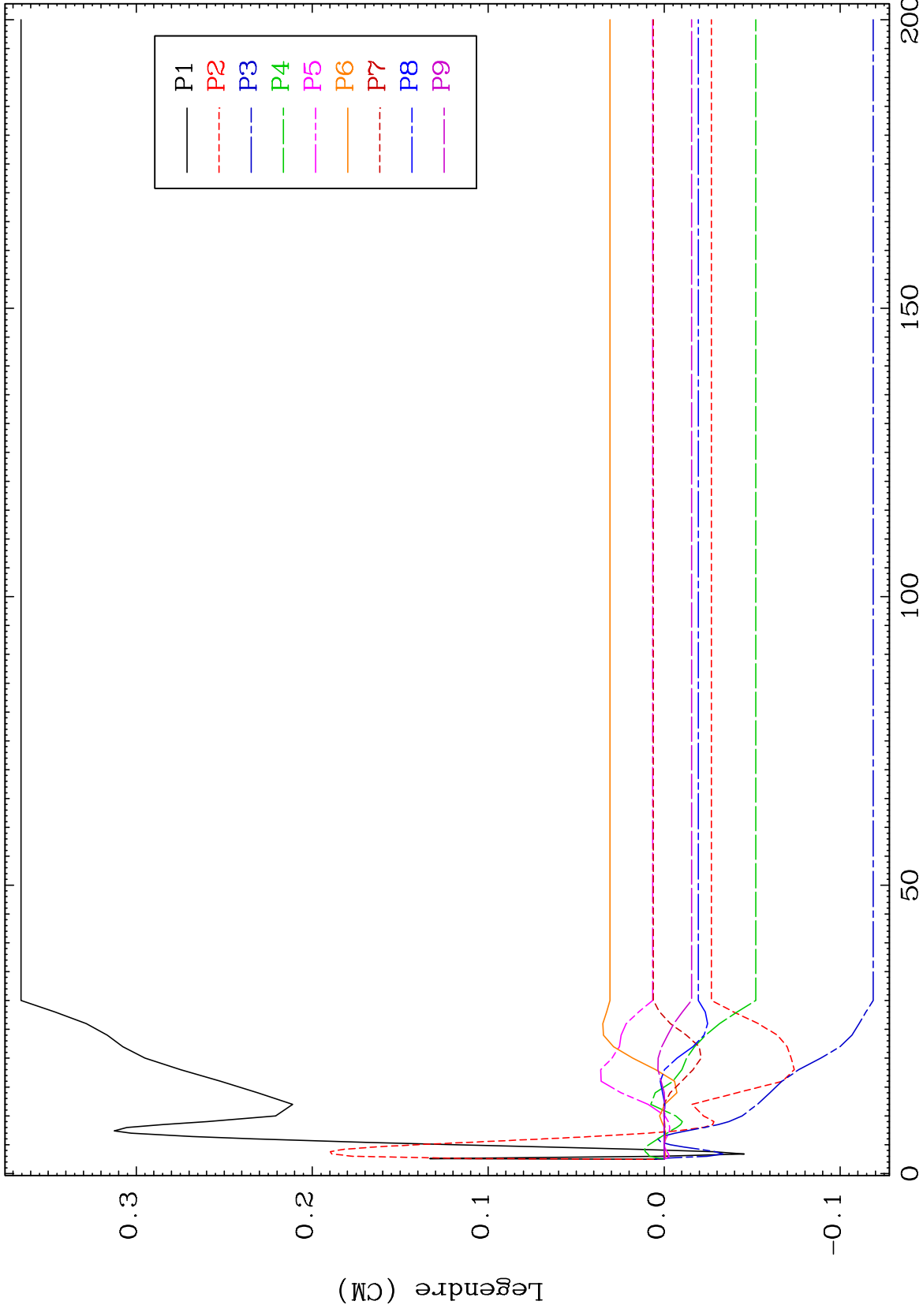
86-Rn-204



MAT 8604

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

86-Rn-204



75

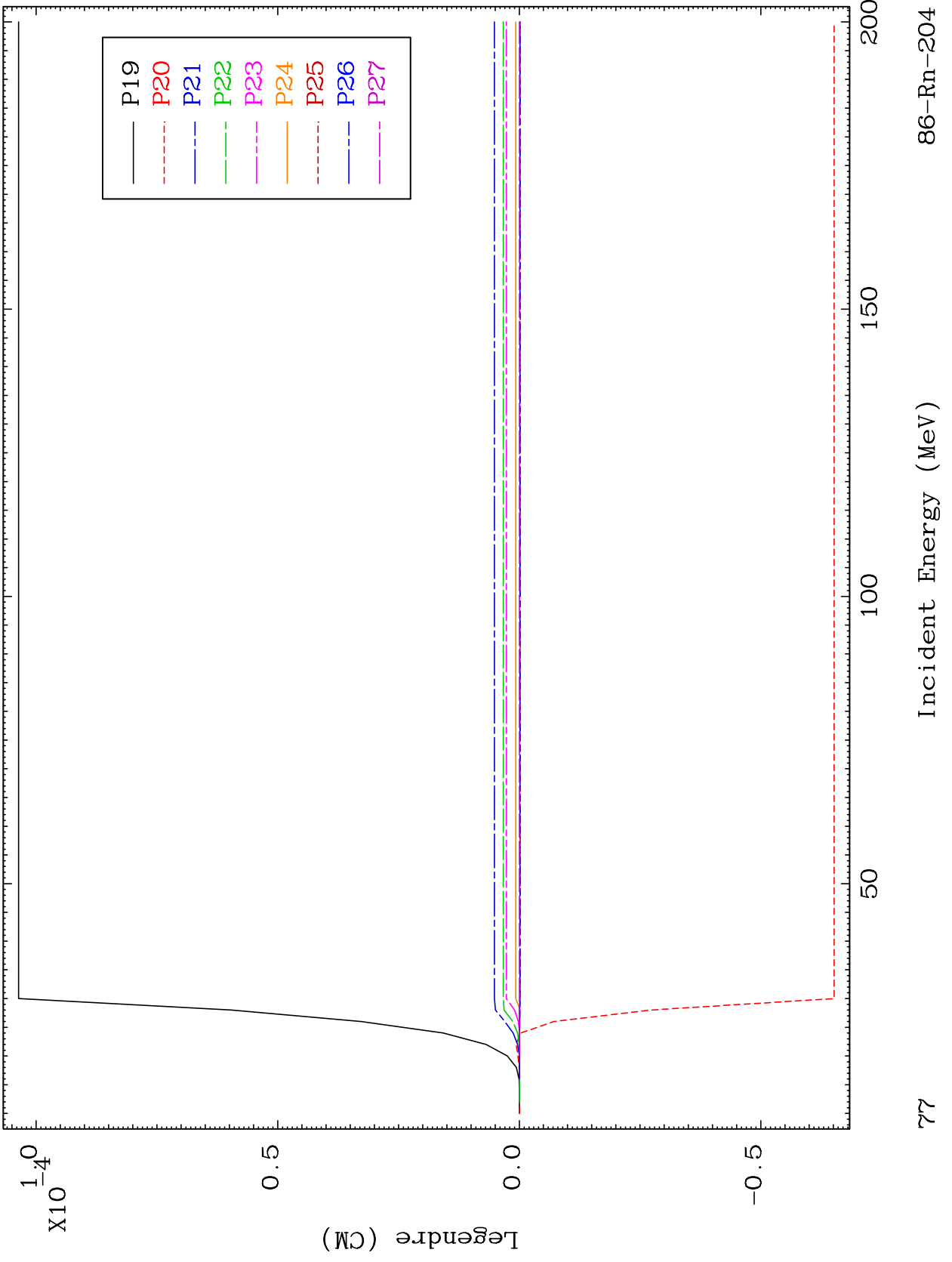
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

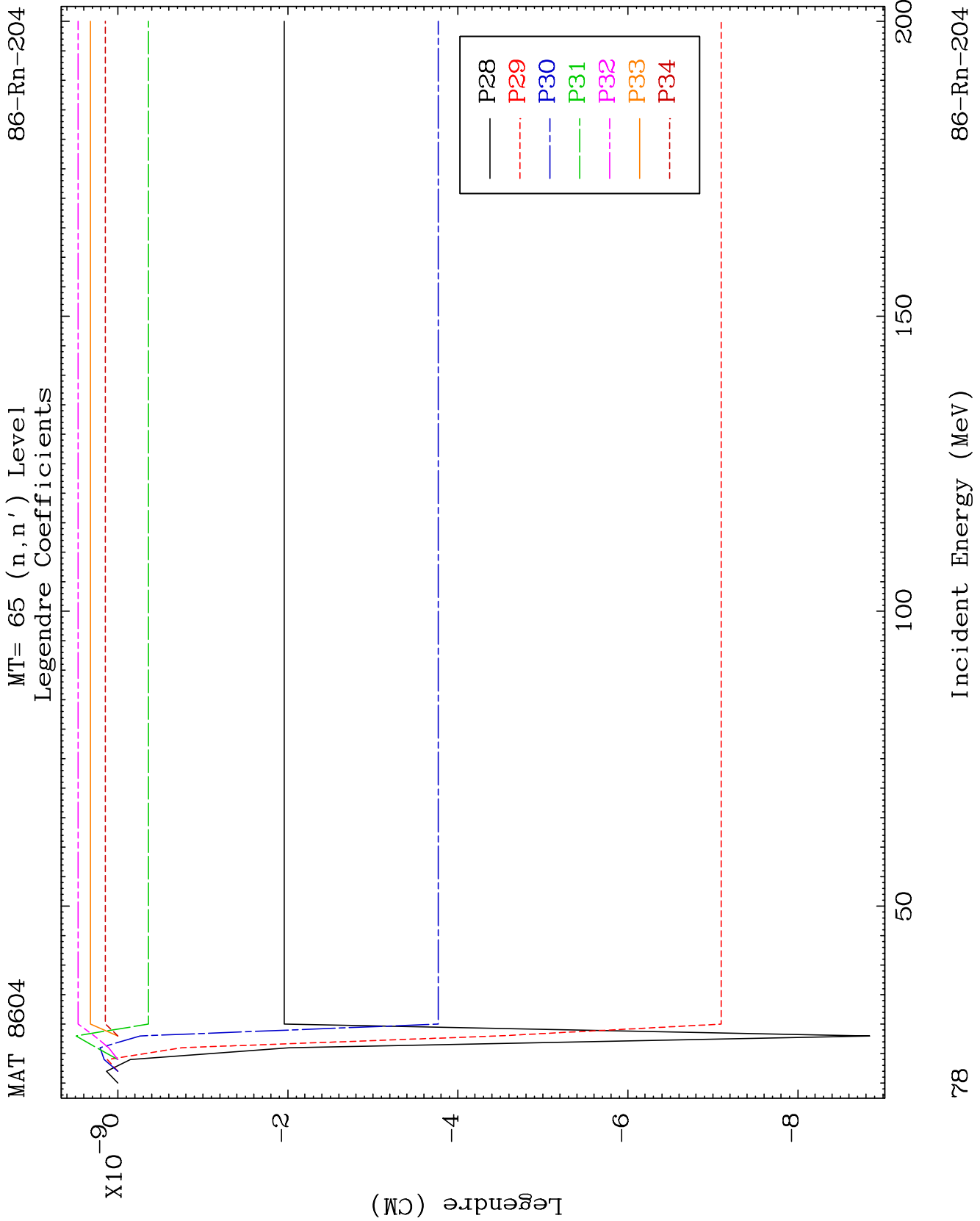
86-Rn-204



77

Incident Energy (MeV)

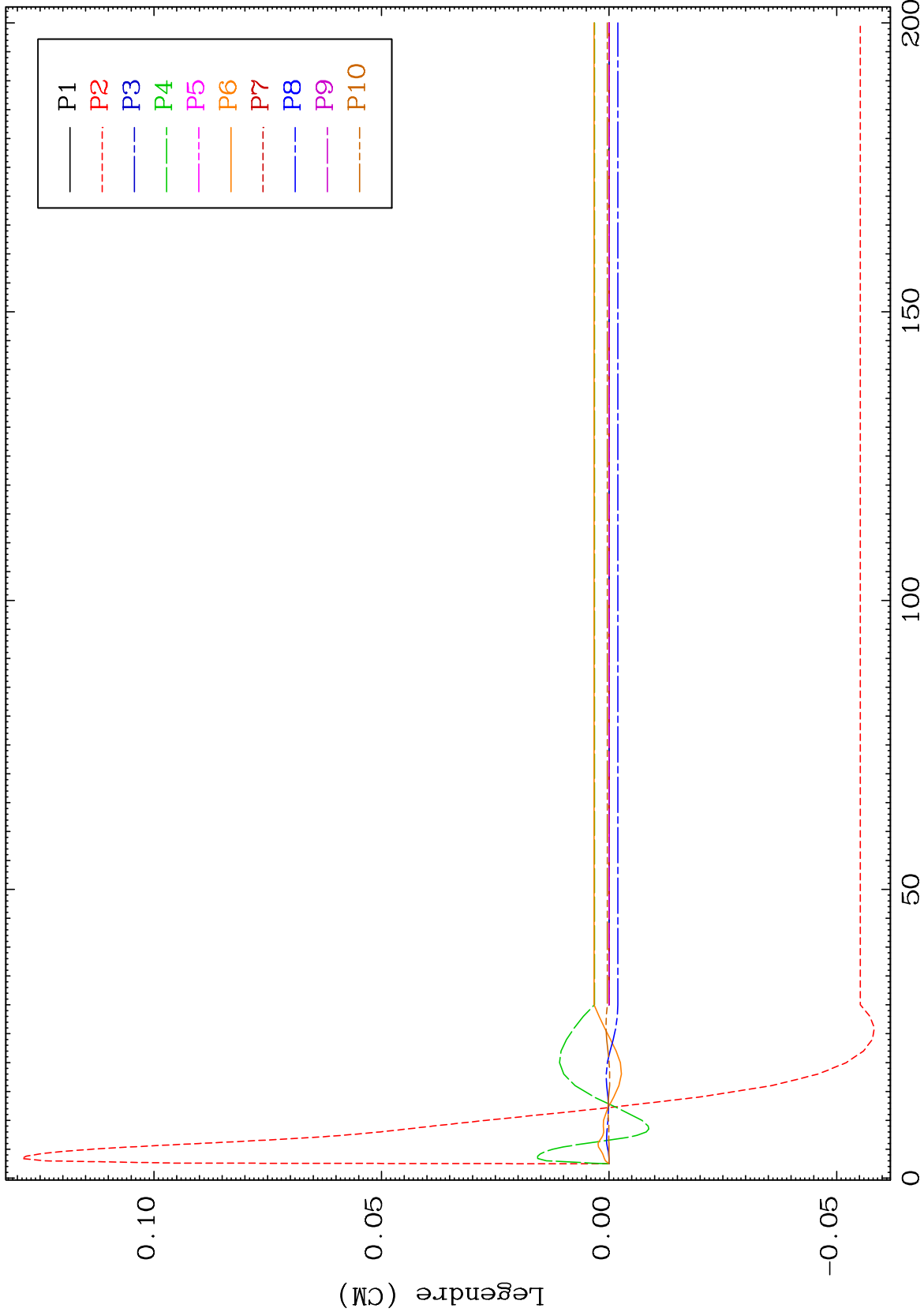
86-Rn-204



MAT 8604

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

86-Rn-204



79

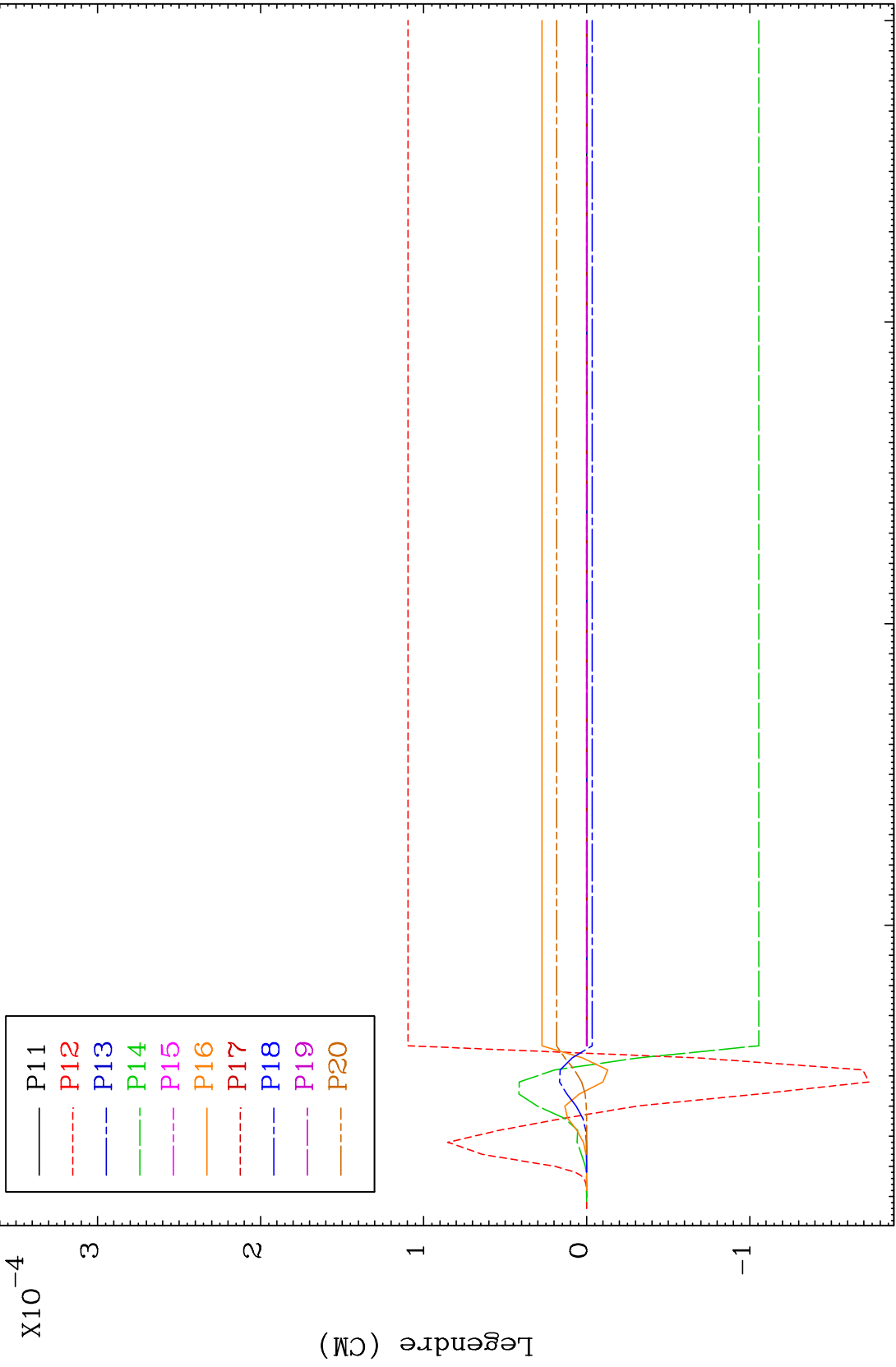
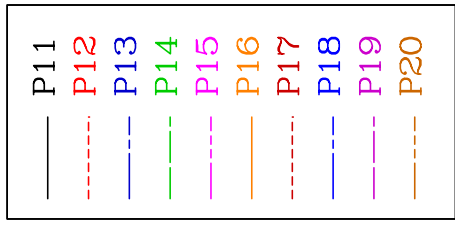
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

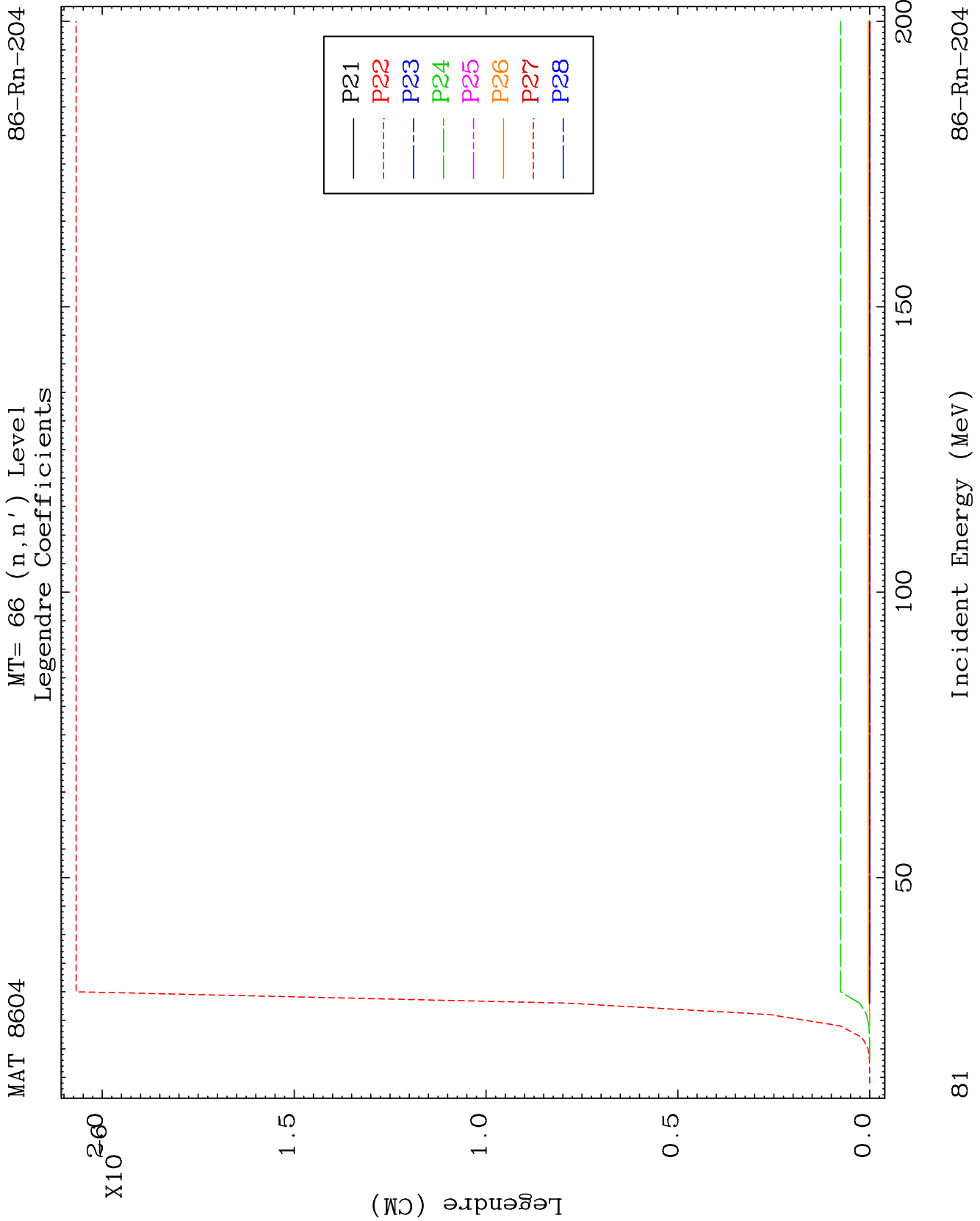
86-Rn-204



80

Incident Energy (MeV)

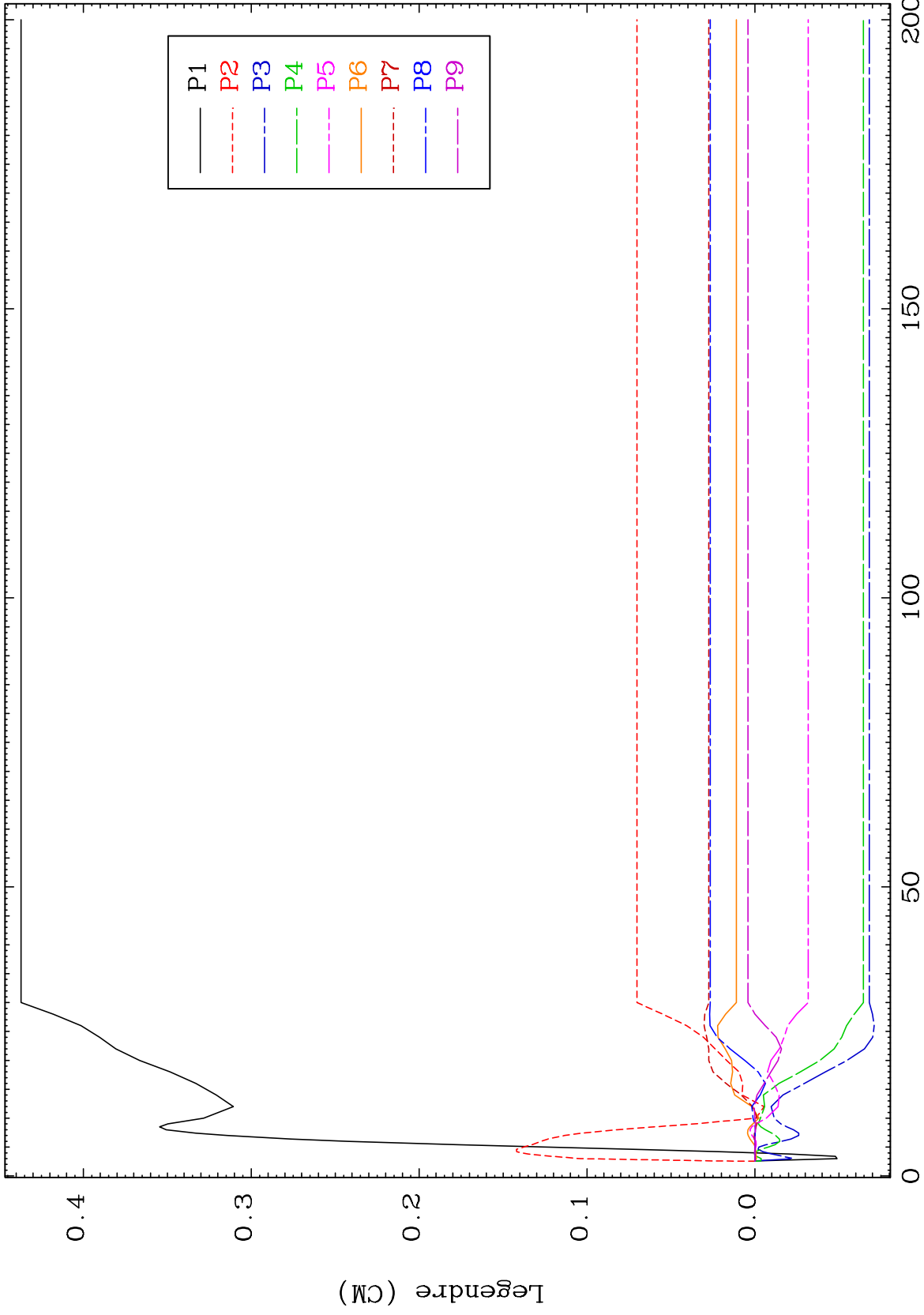
86-Rn-204



MAT 8604

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

86-Rn-204



82

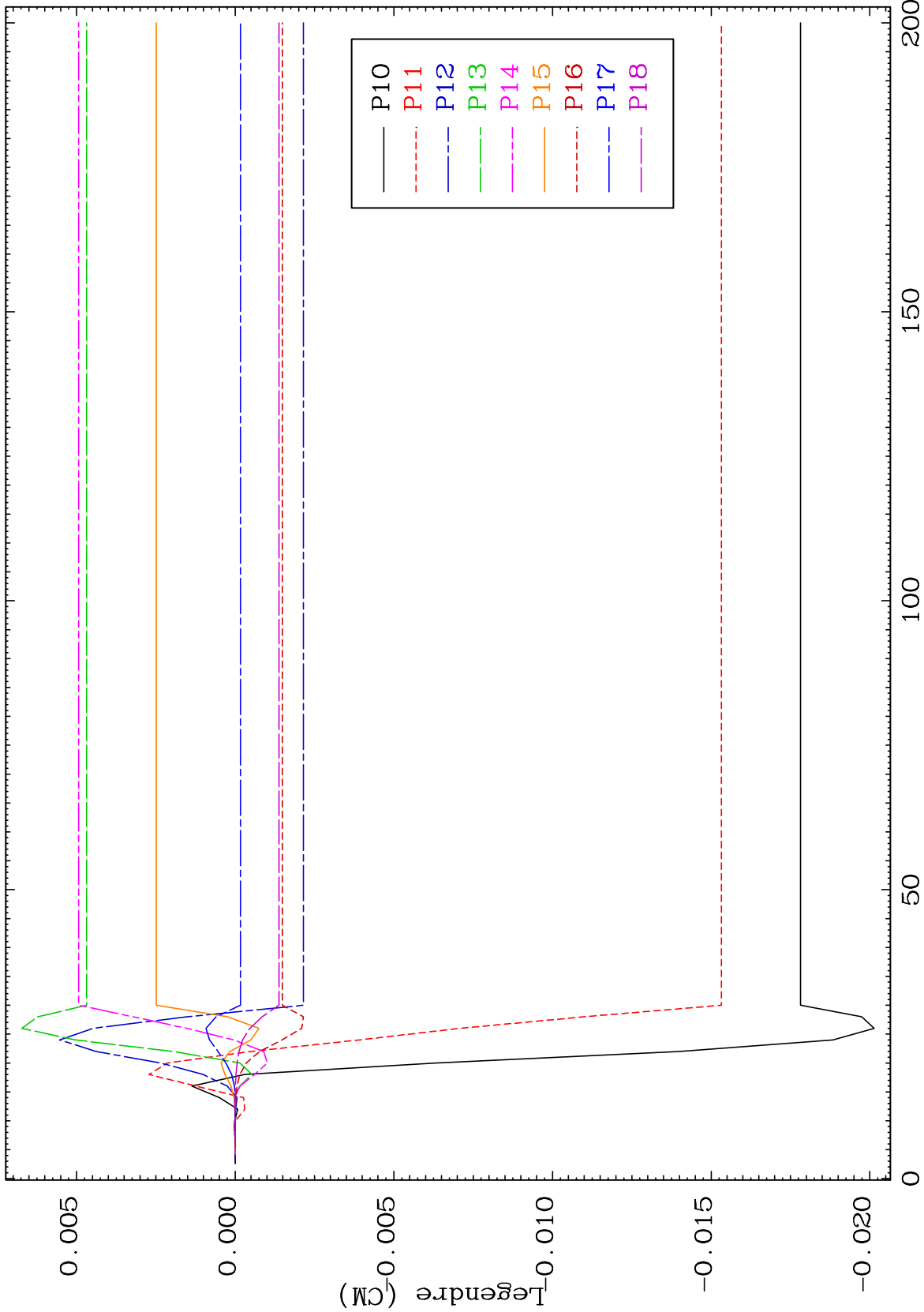
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



83

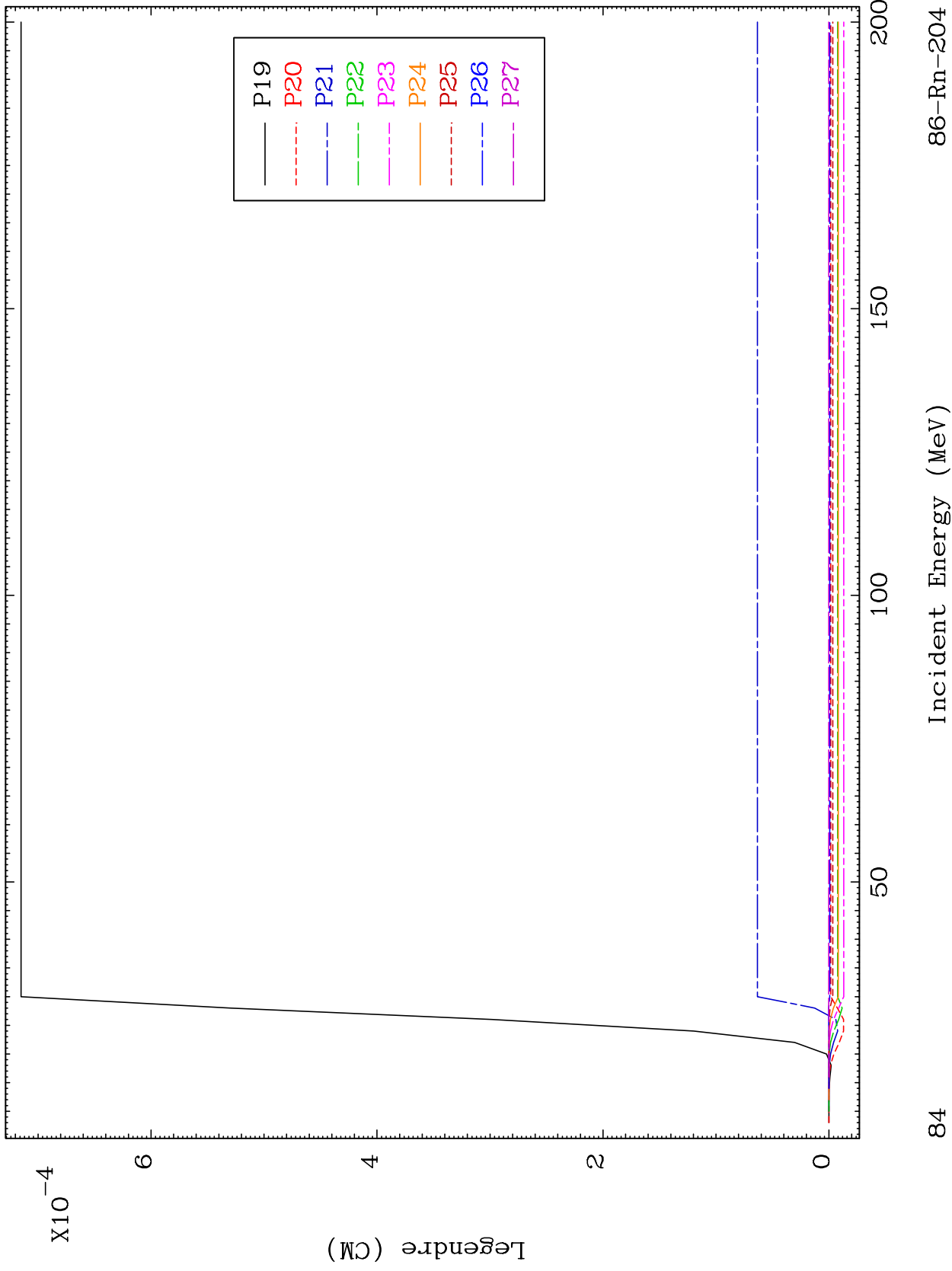
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

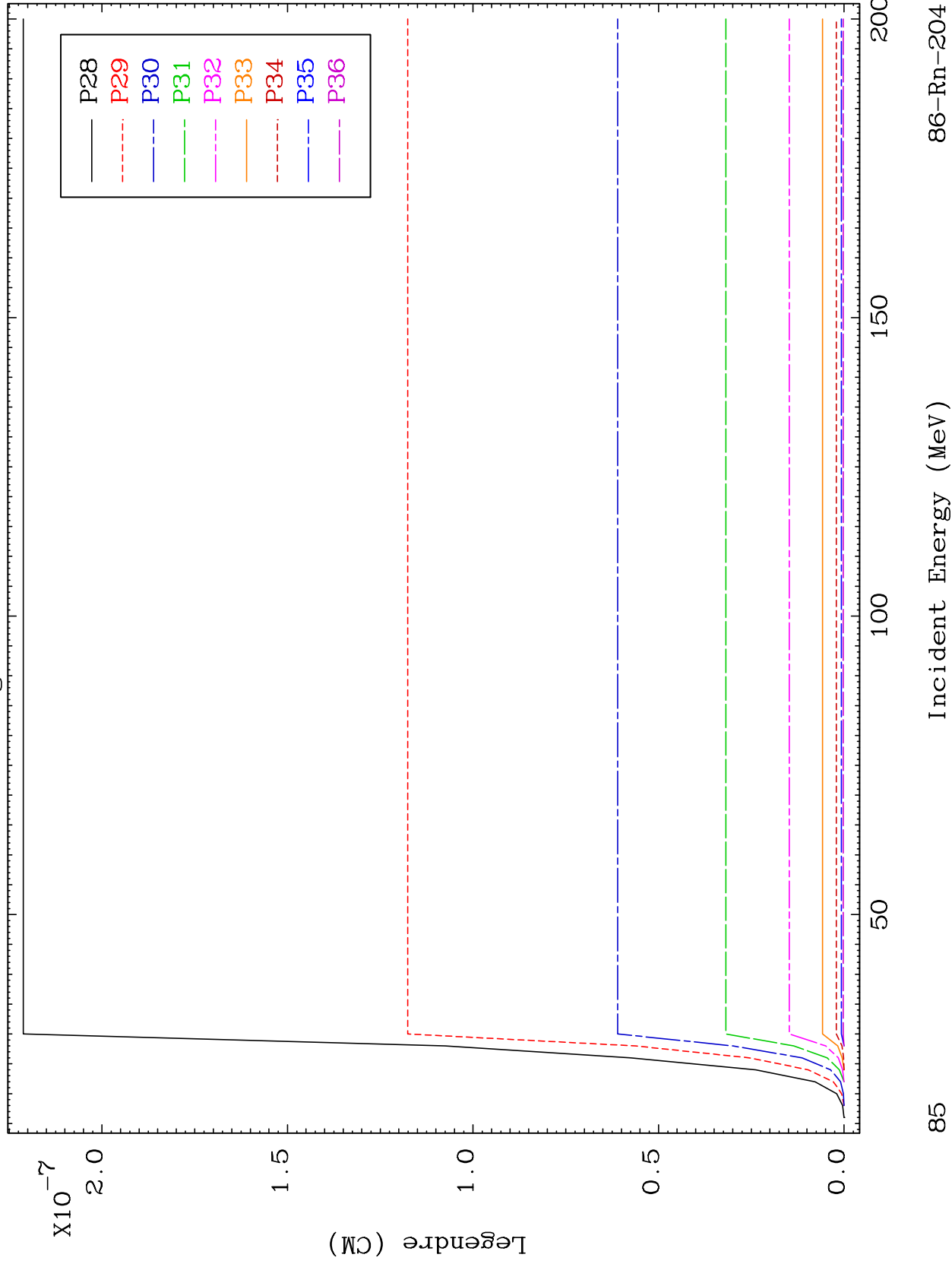
86-Rn-204



MAT 8604

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

86-Rn-204



85

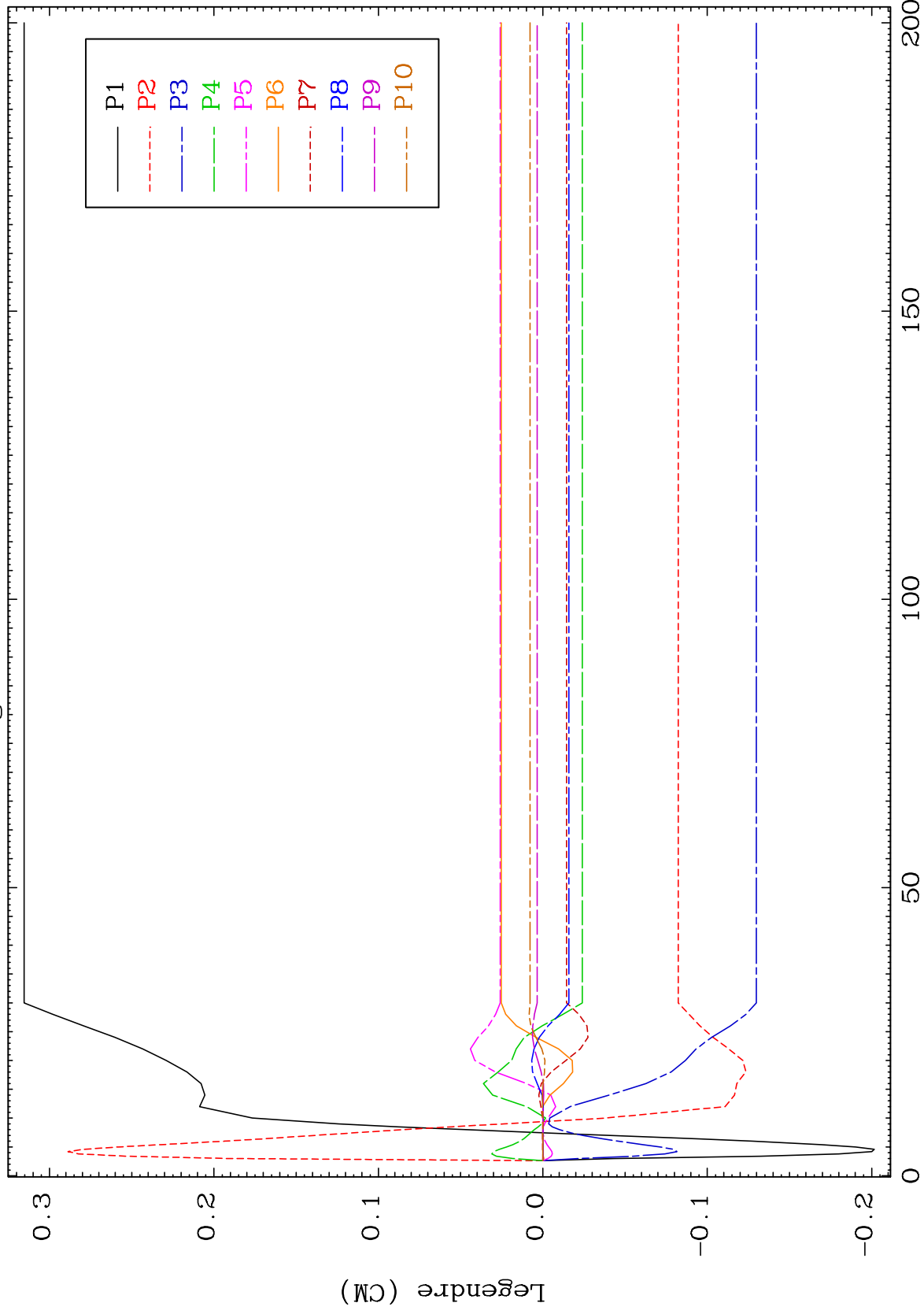
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



86

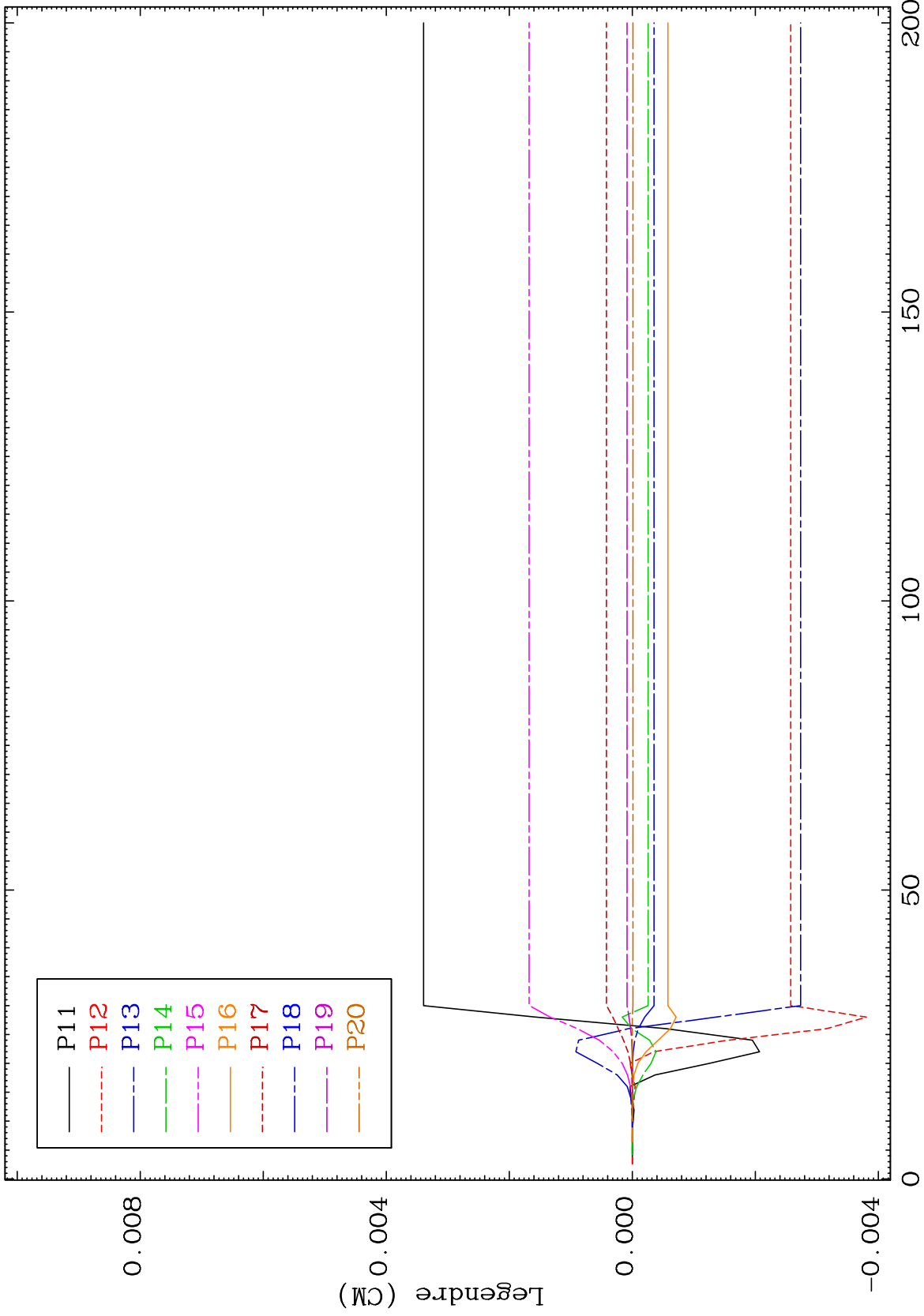
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



87

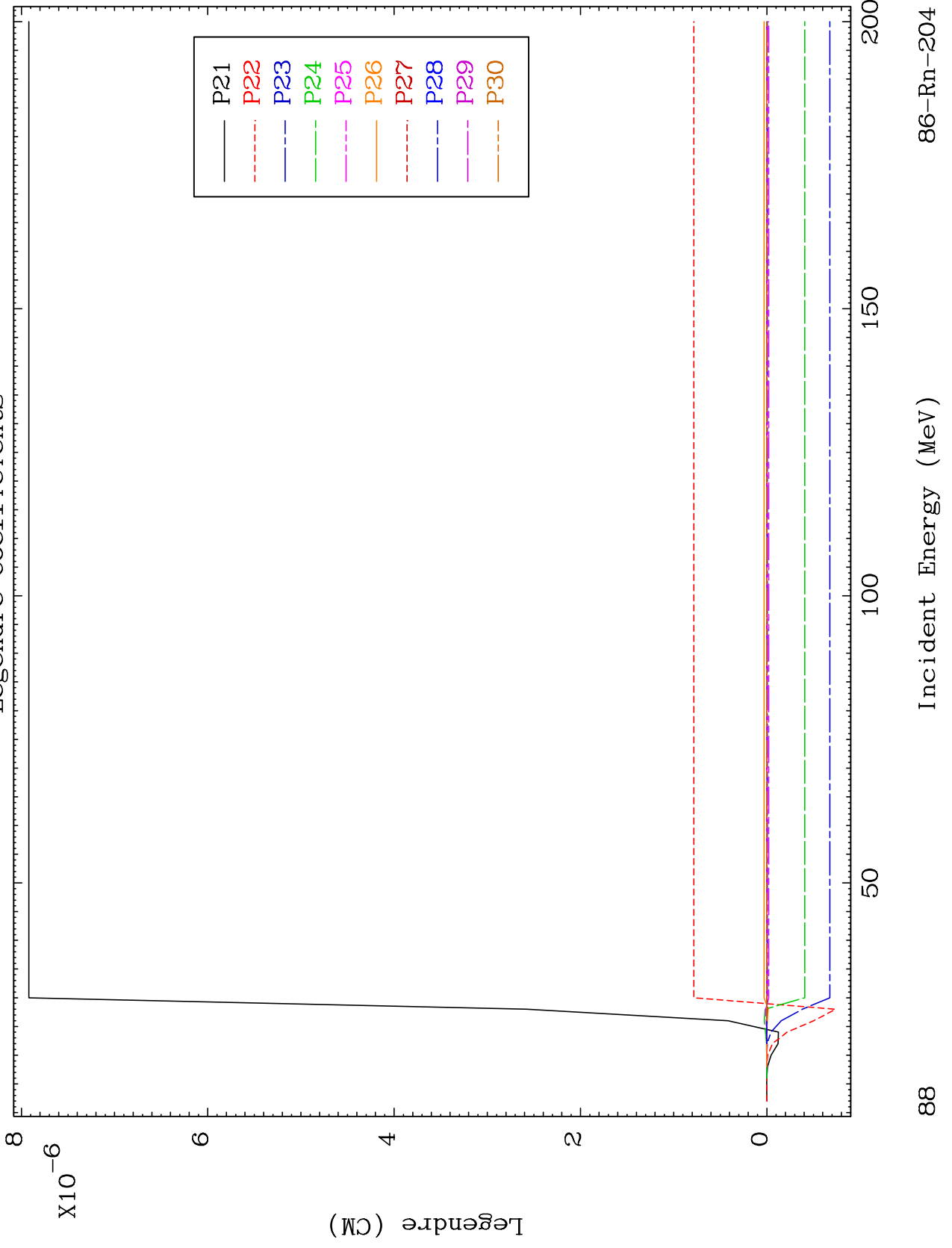
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204

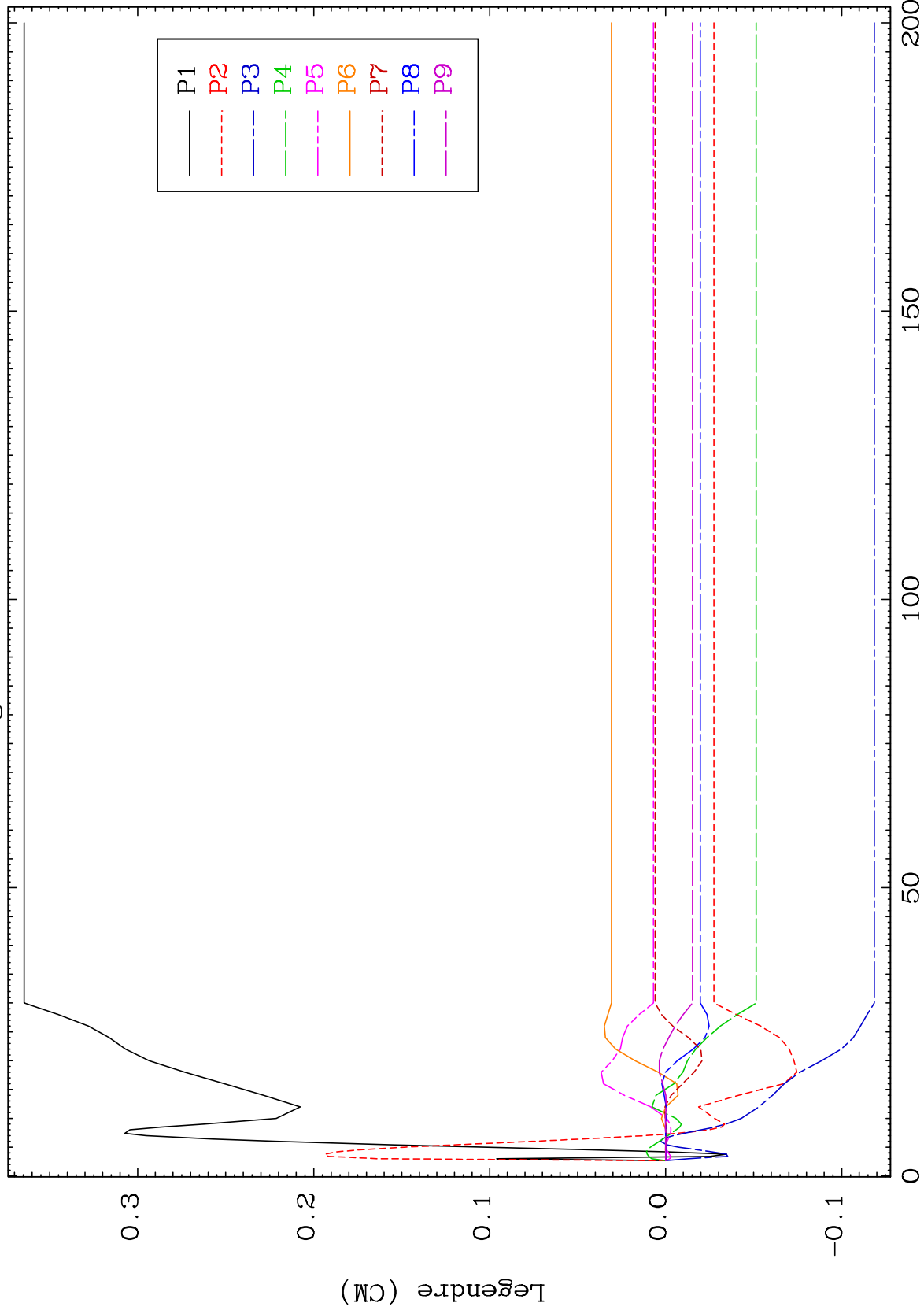


88

MAT 8604

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

86-Rn-204



89

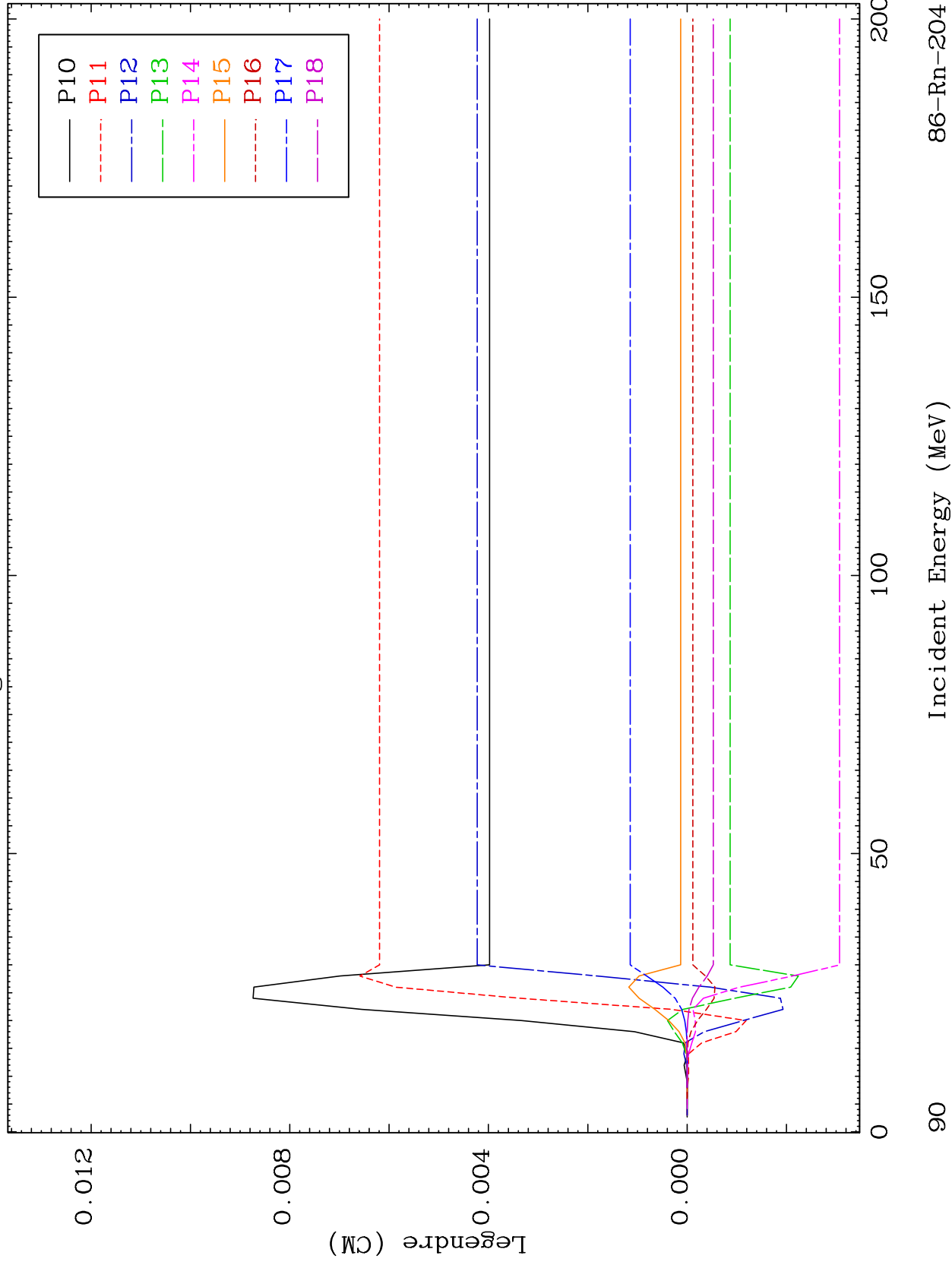
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

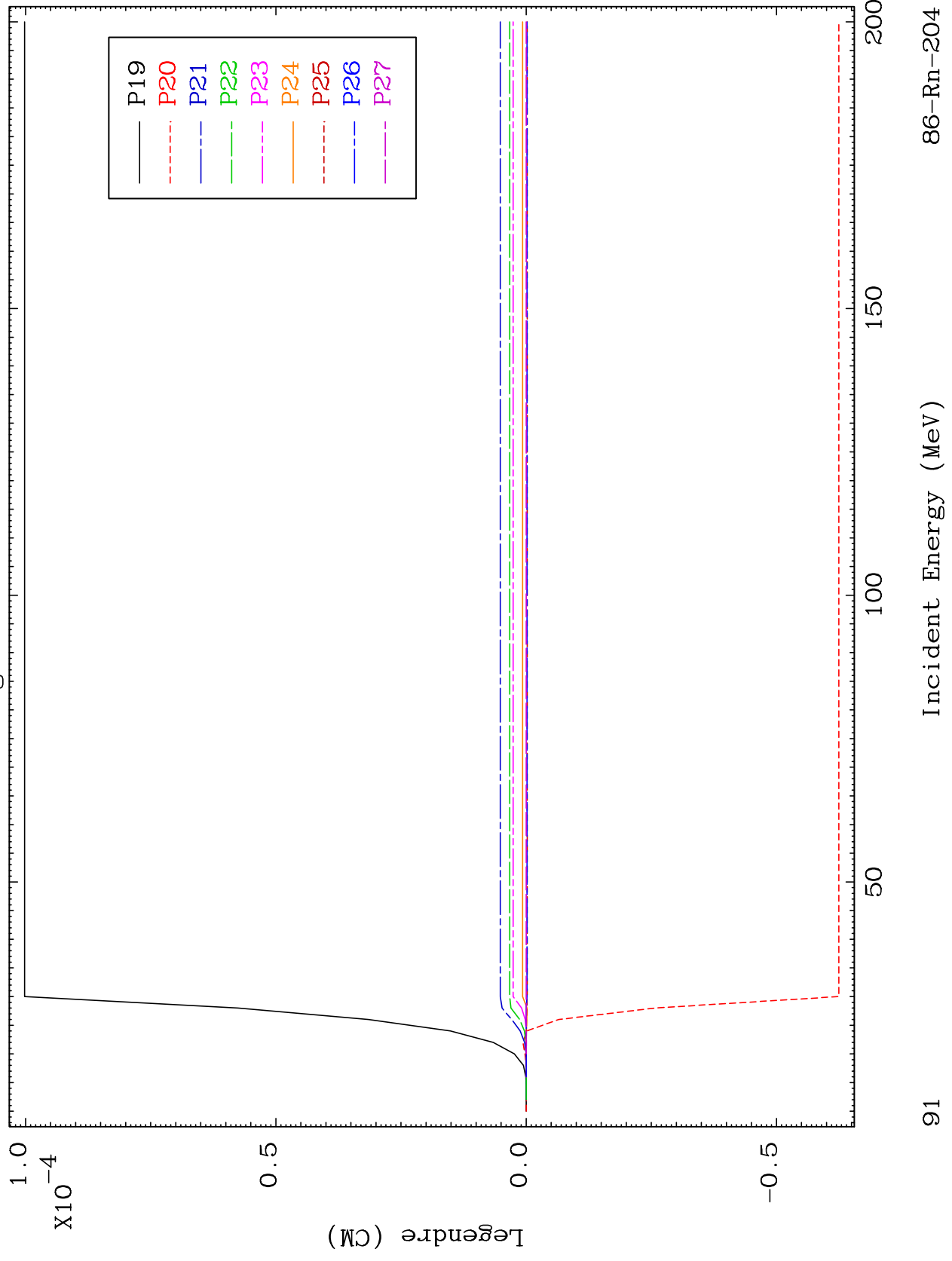
86-Rn-204

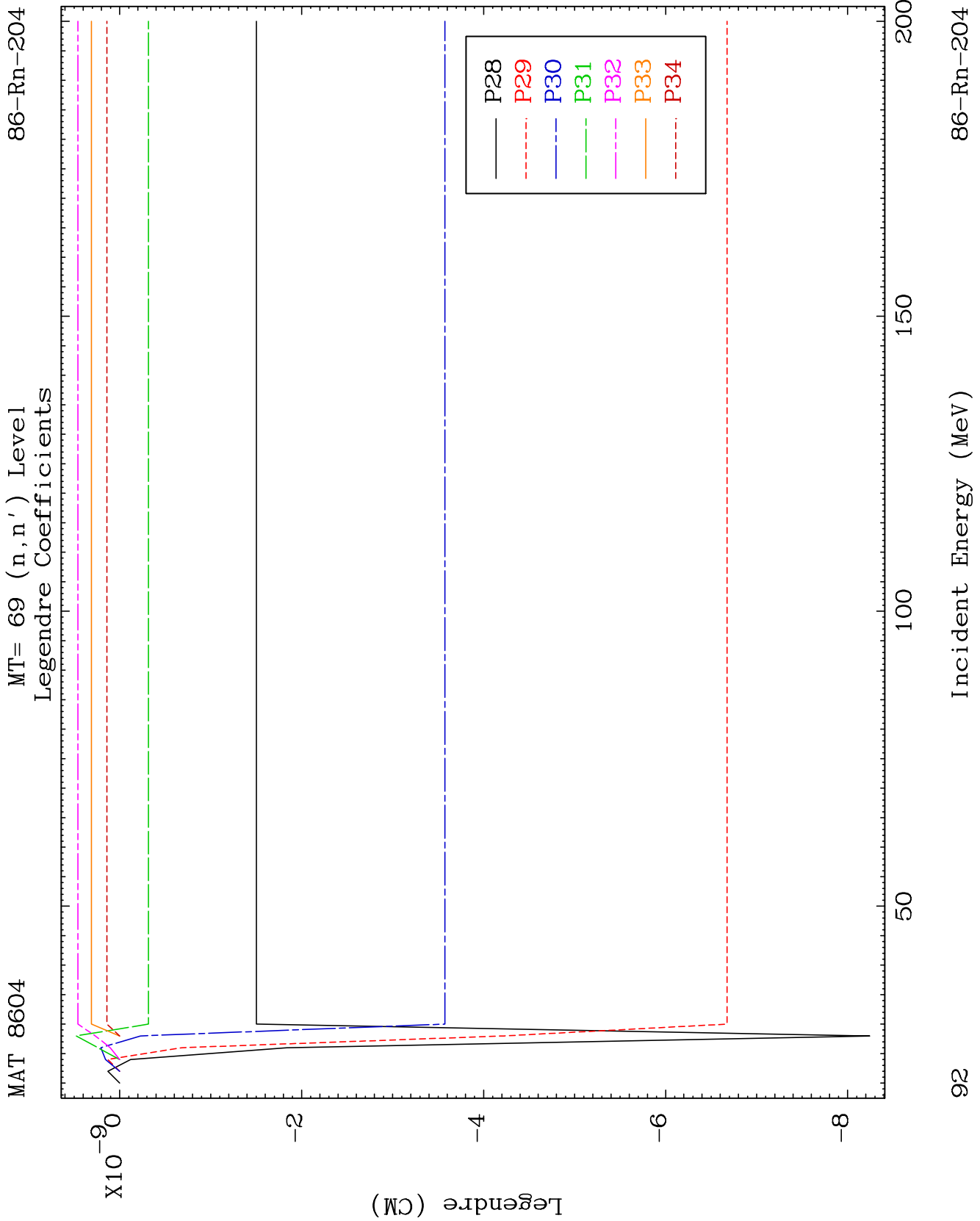


86-Rn-204

Incident Energy (MeV)

90

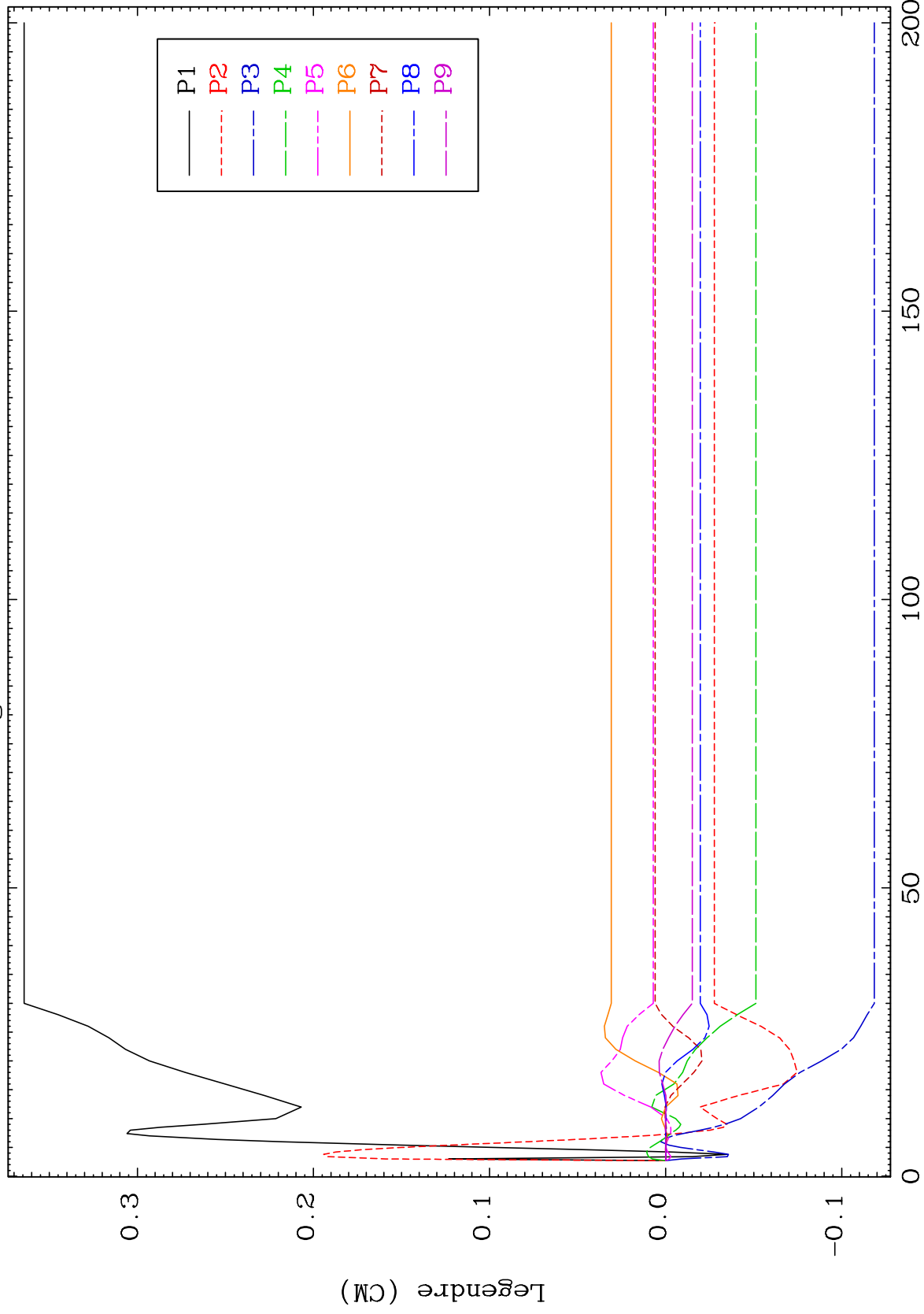




MAT 8604

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

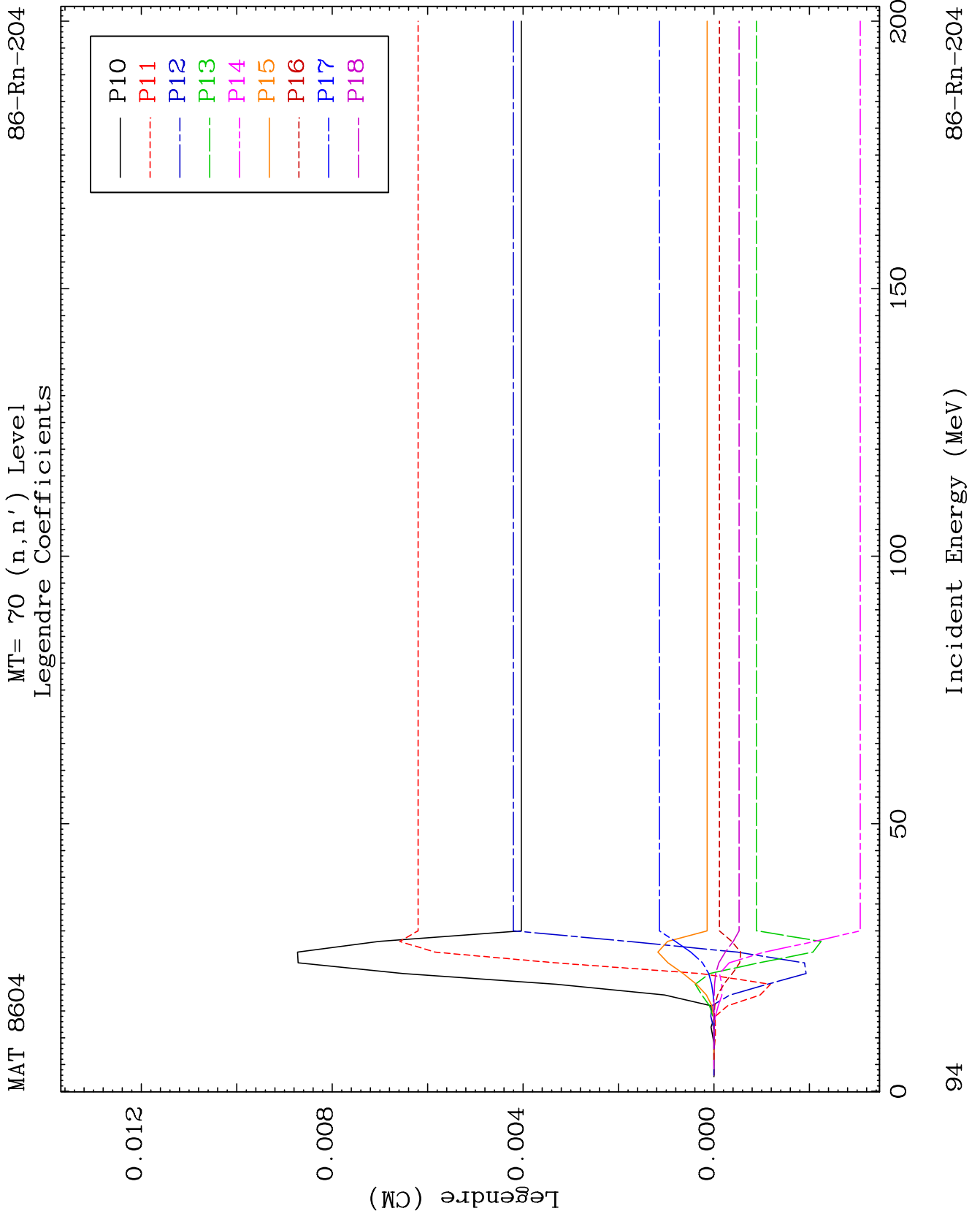
86-Rn-204



93

Incident Energy (MeV)

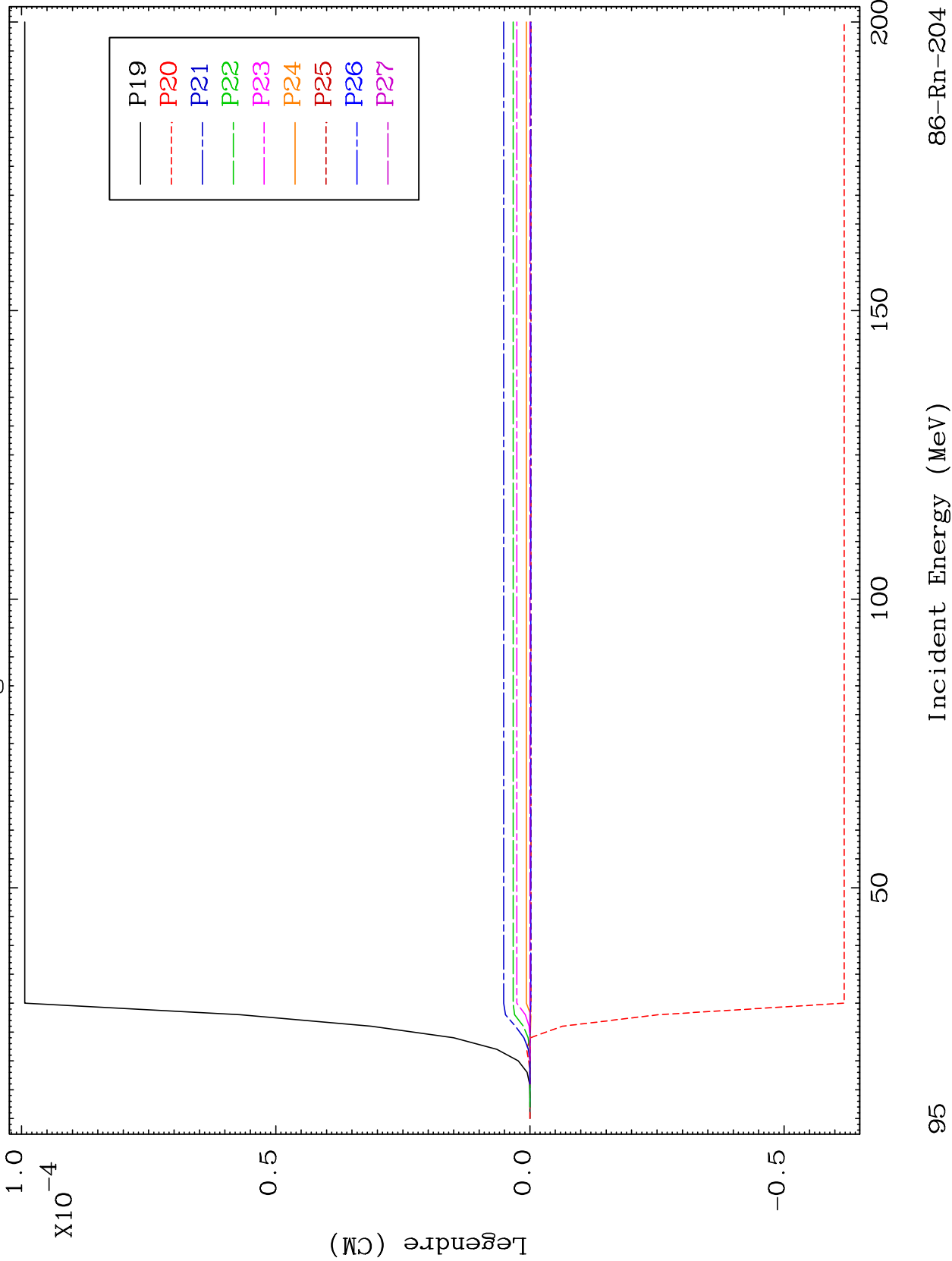
86-Rn-204



MAT 8604

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

86-Rn-204



95

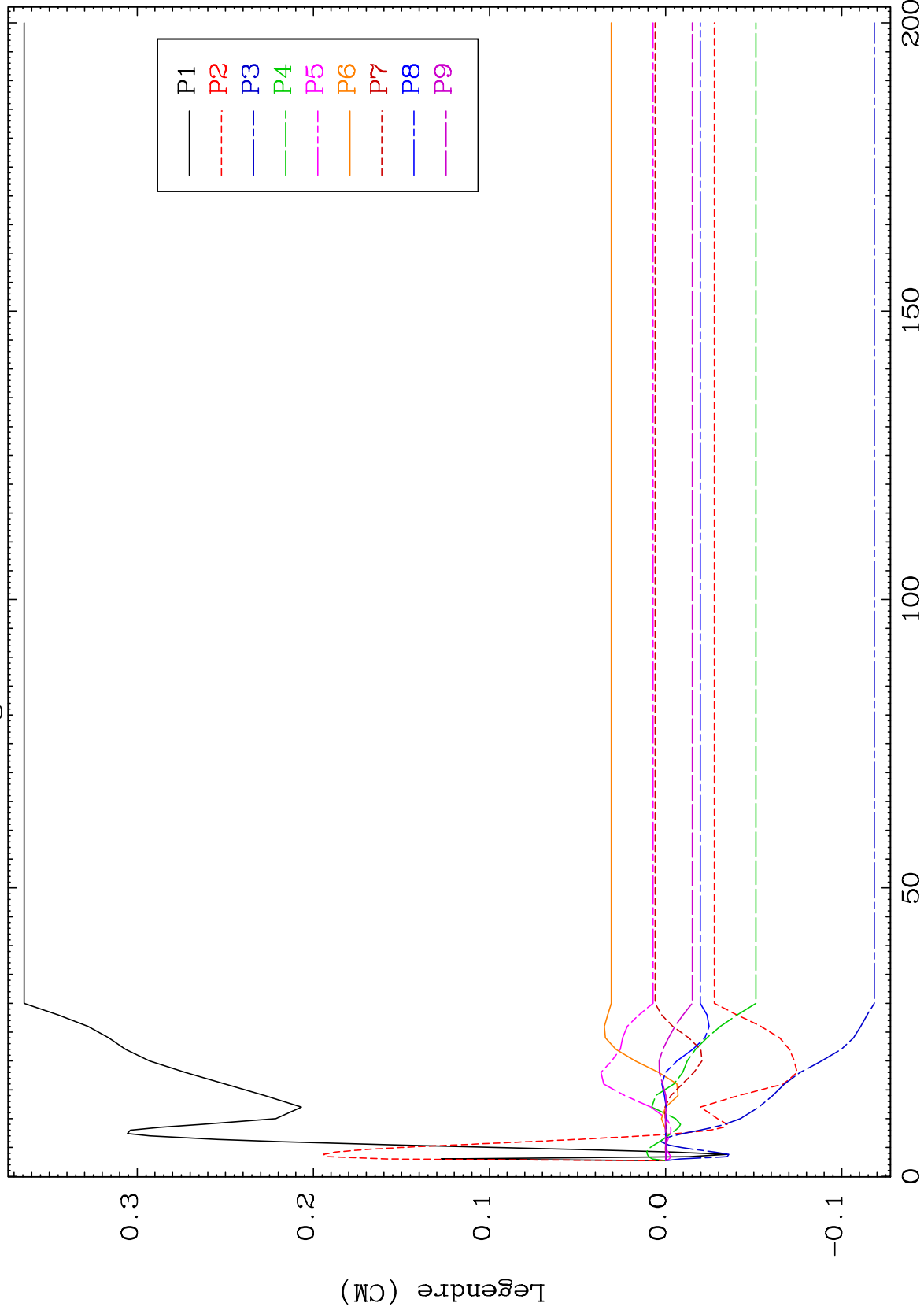
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



97

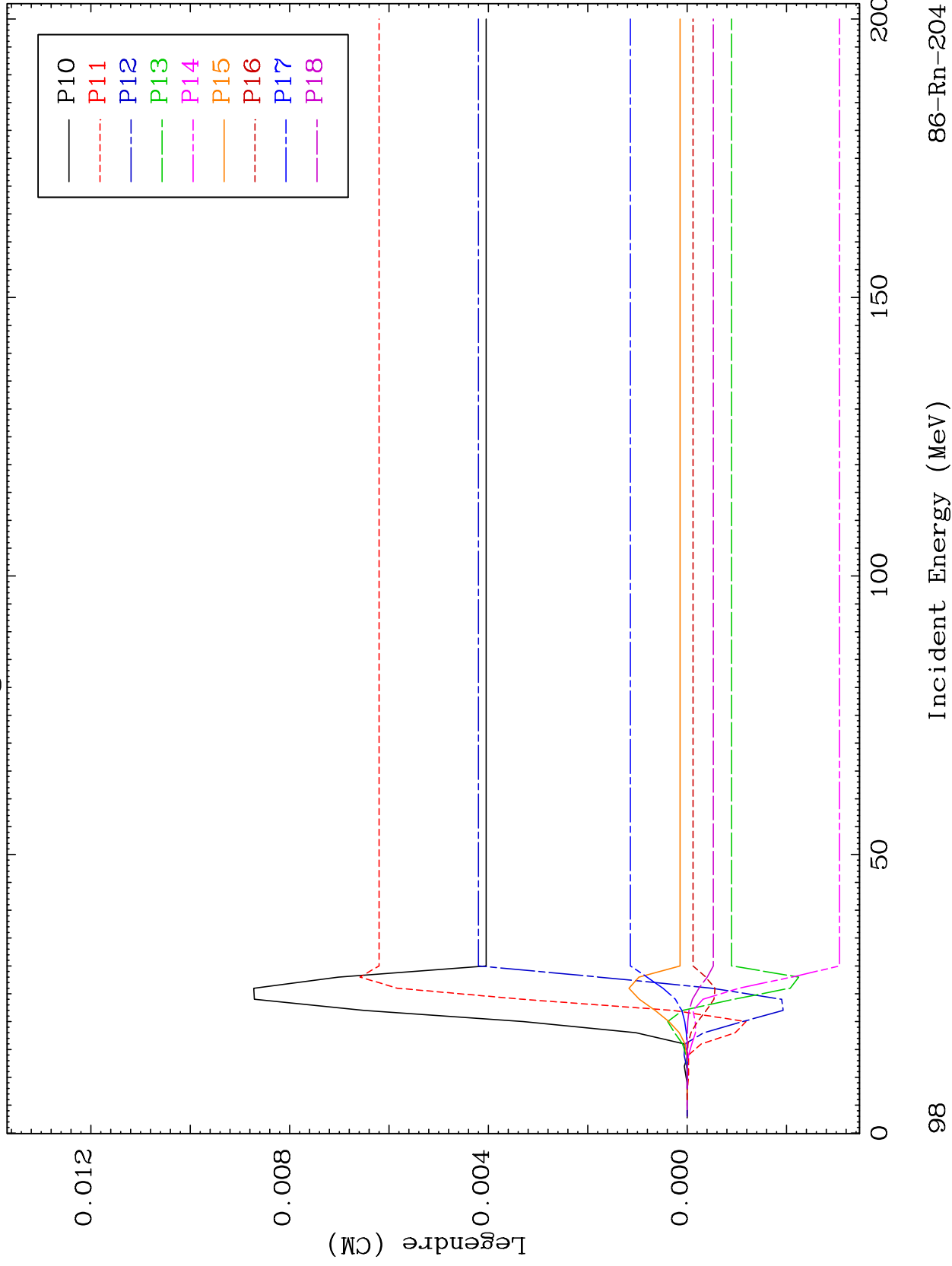
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

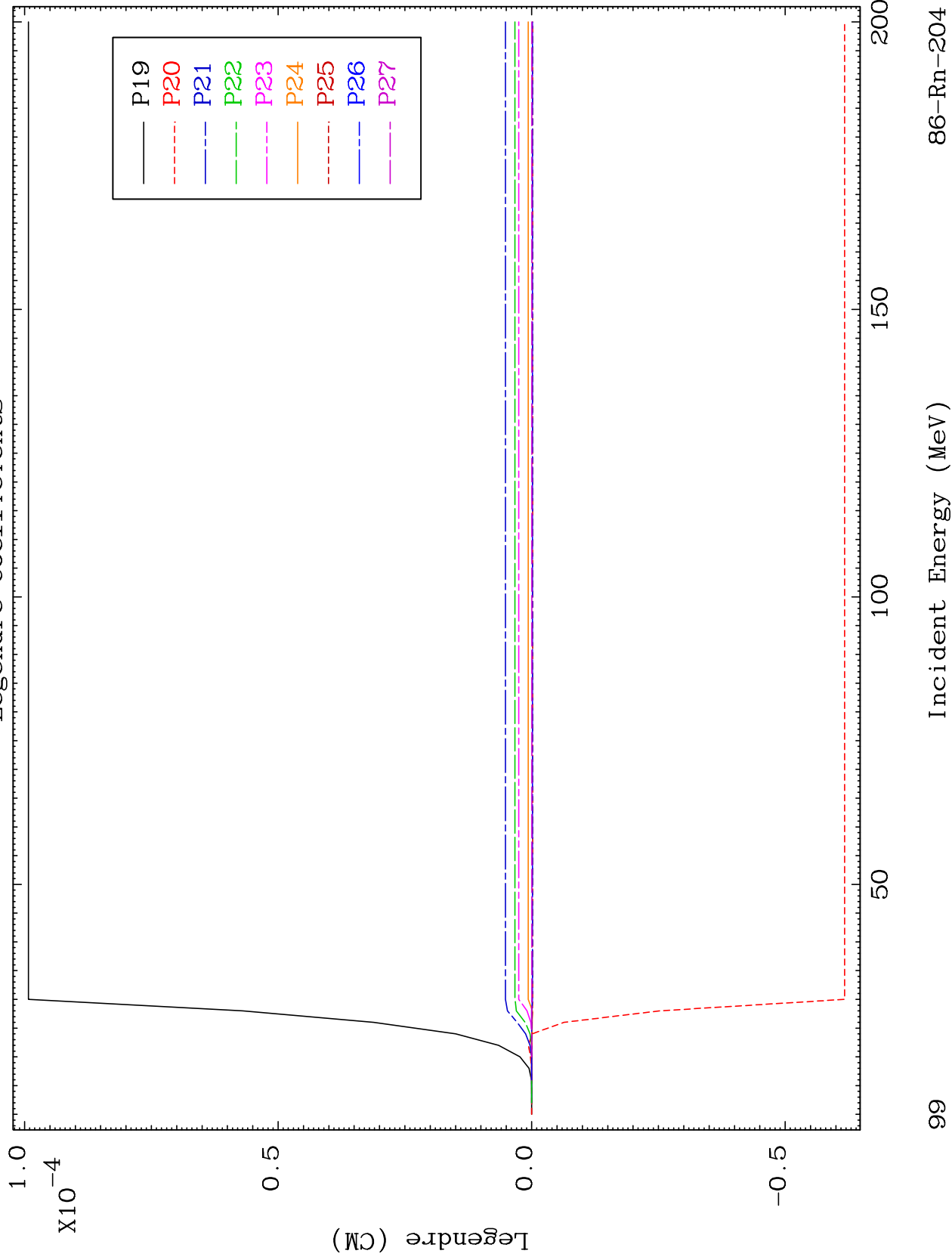
86-Rn-204

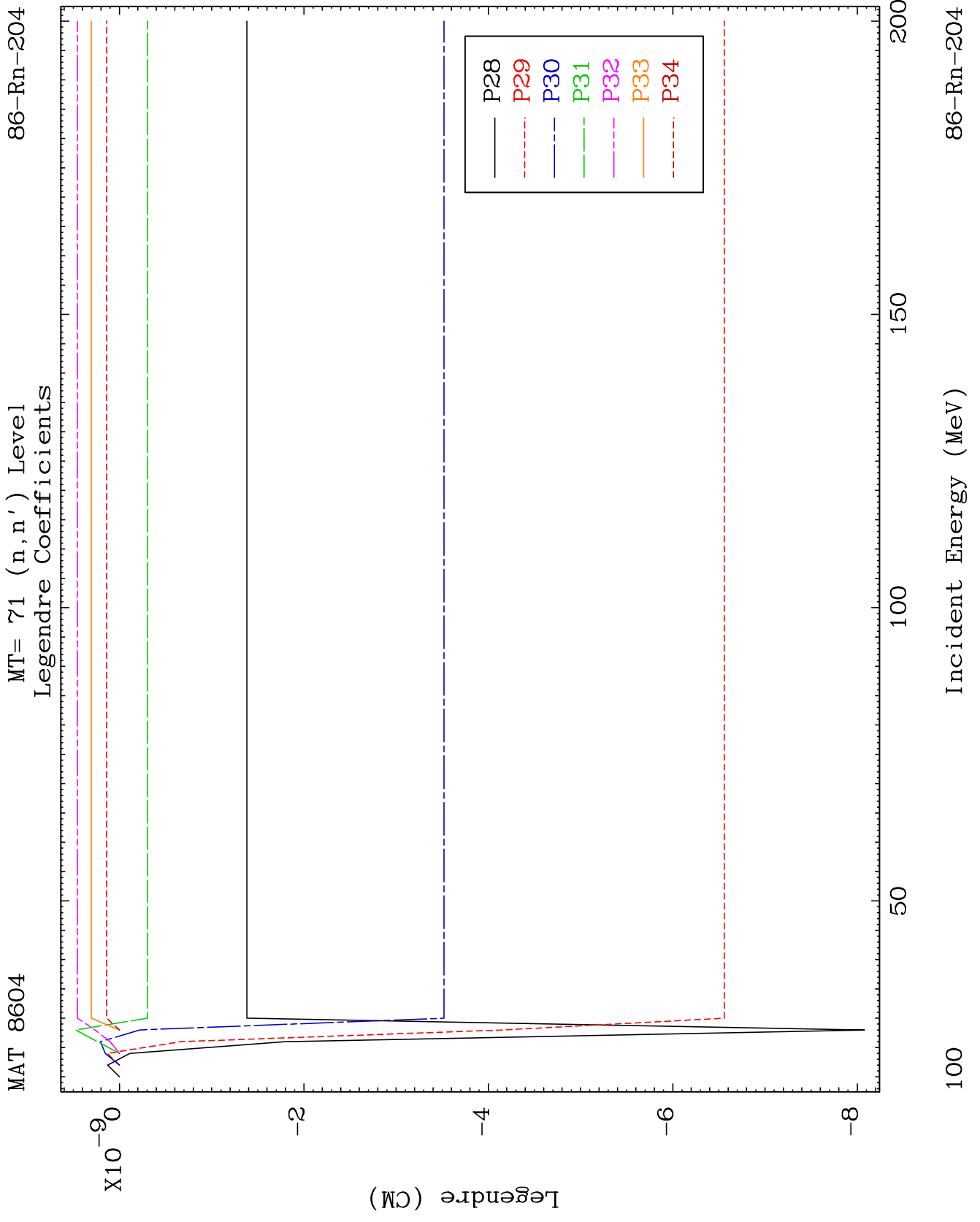


98

Incident Energy (MeV)

86-Rn-204

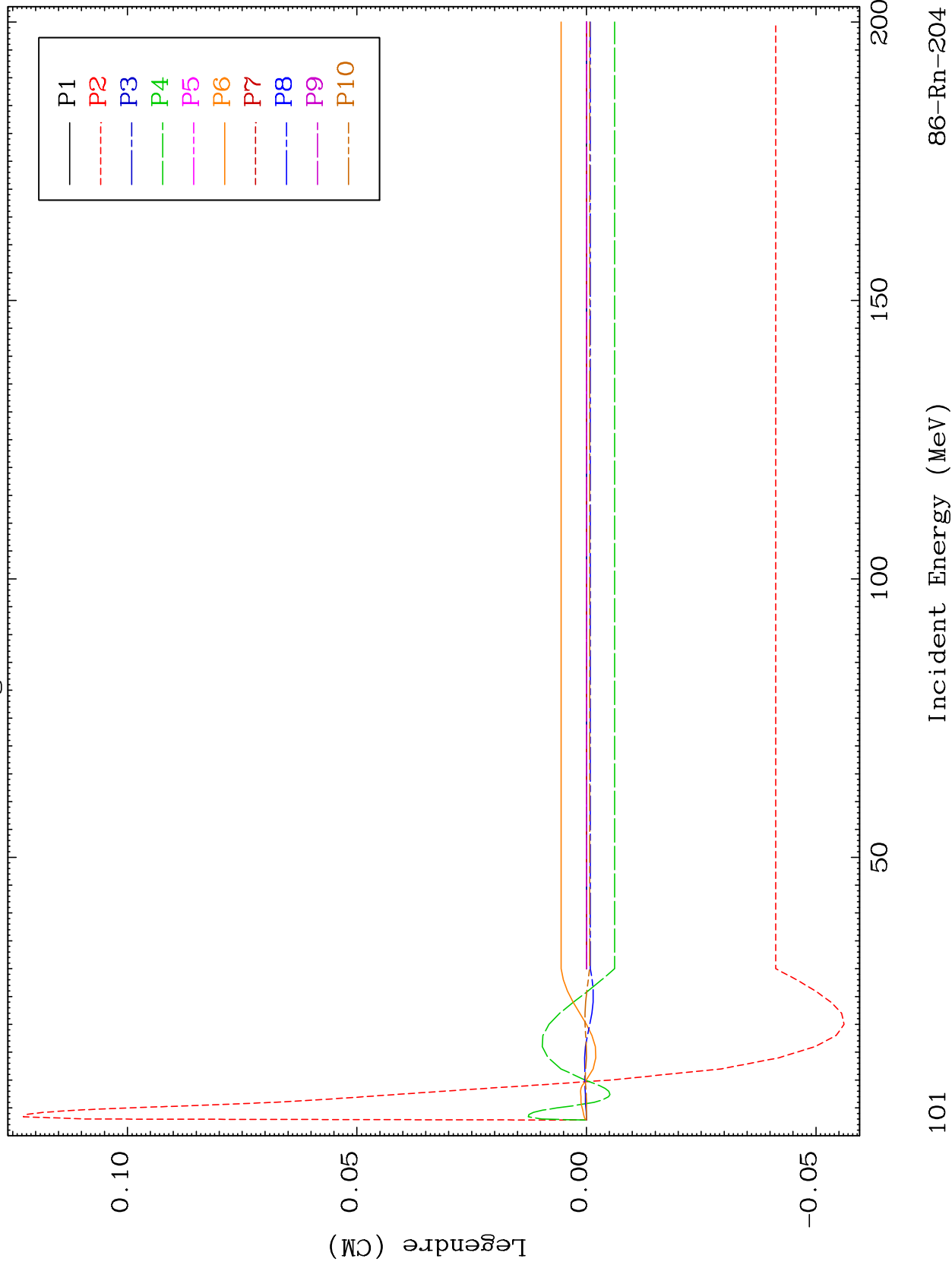




MAT 8604

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

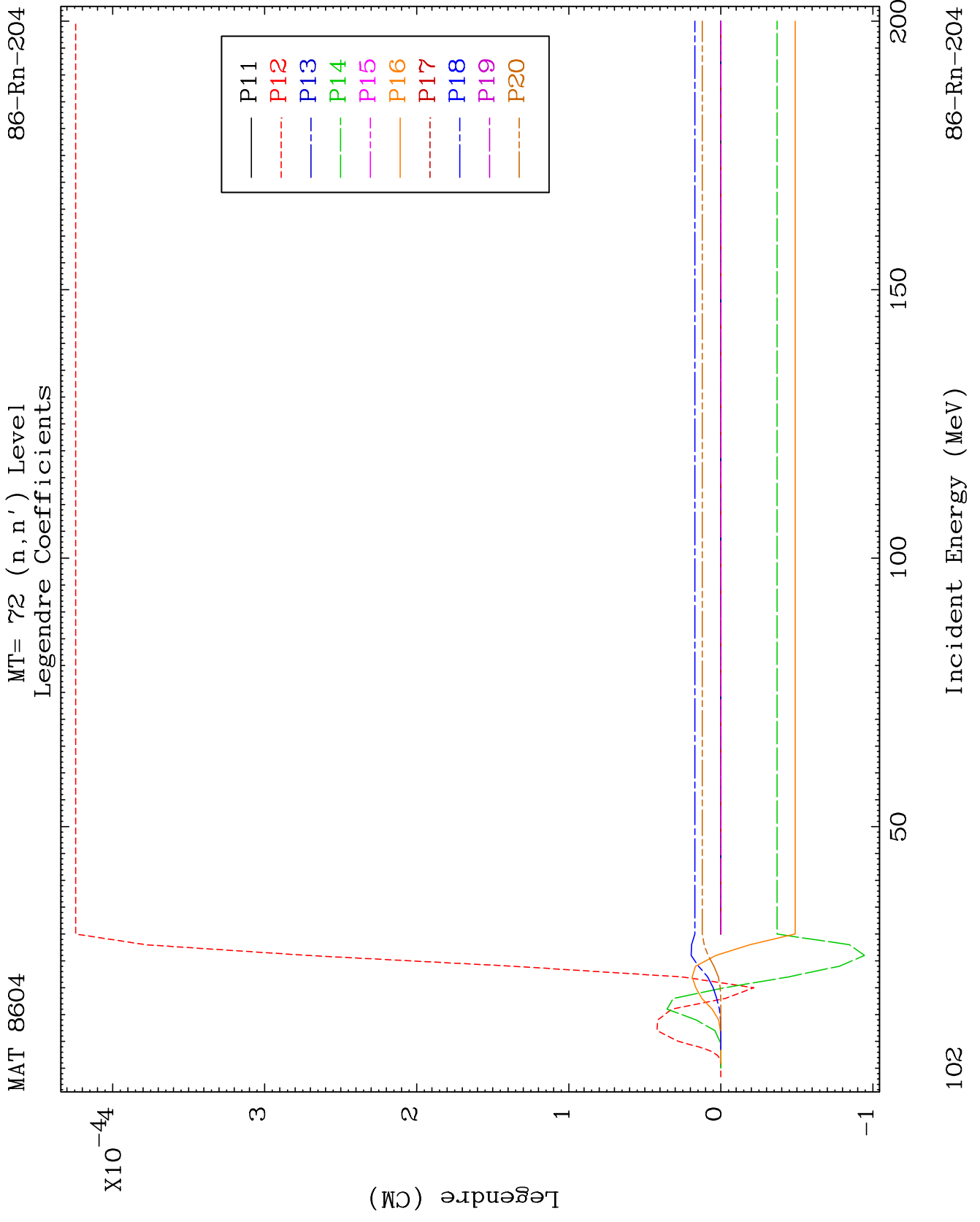
86-Rn-204



101

Incident Energy (MeV)

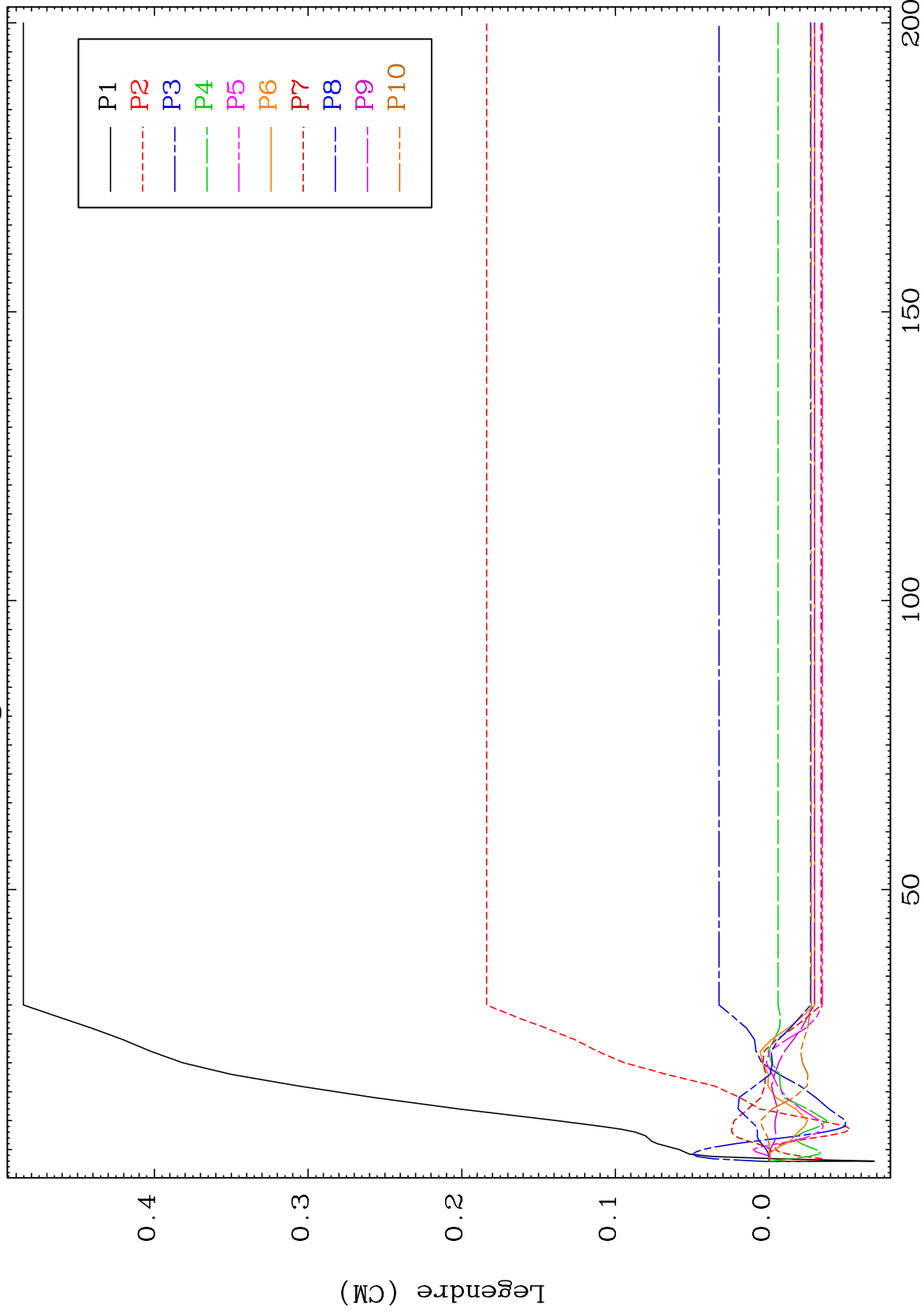
86-Rn-204



MAT 8604

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

86-Rn-204



104

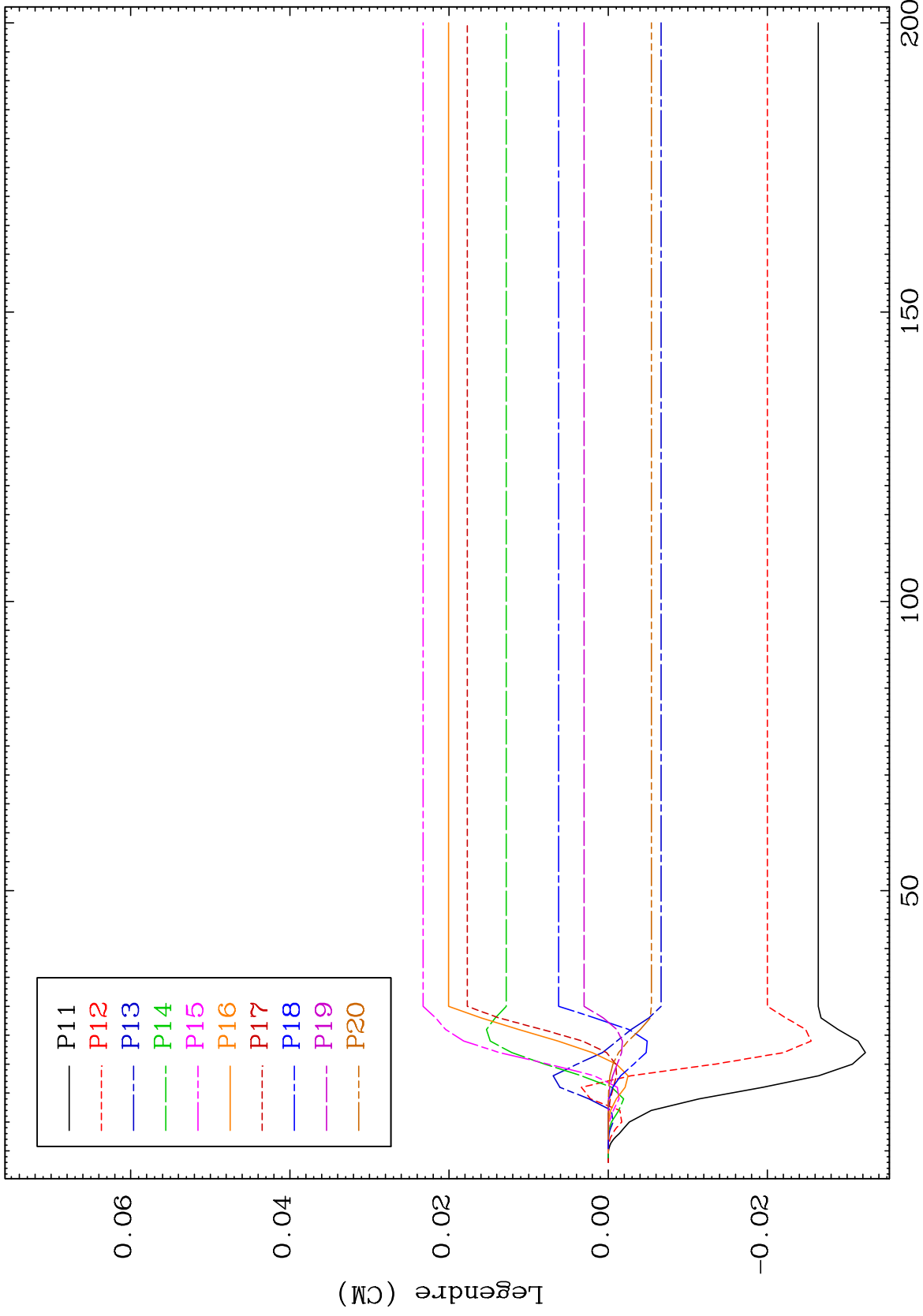
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

86-Rn-204



105

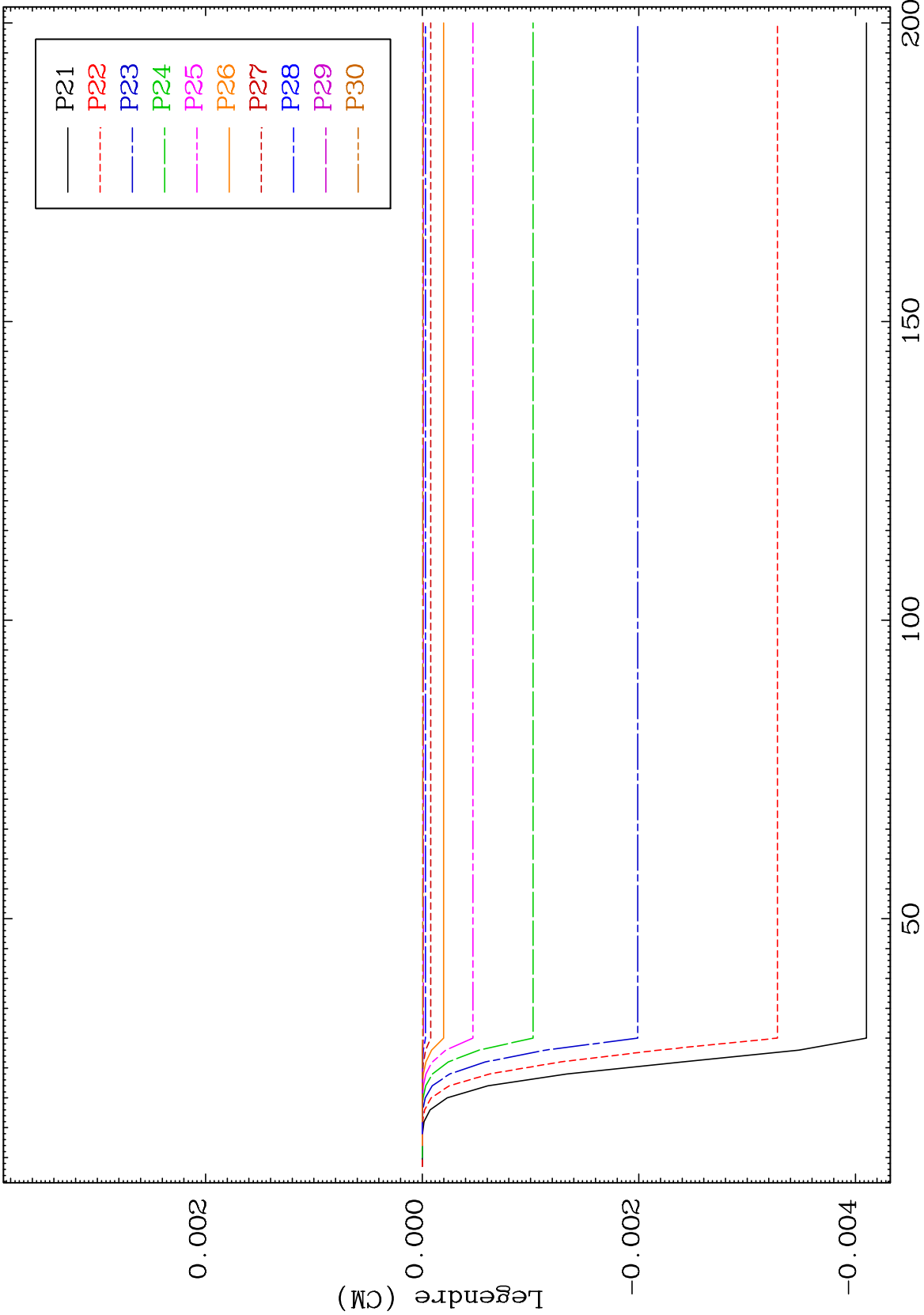
Incident Energy (MeV)

86-Rn-204

MAT 8604

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

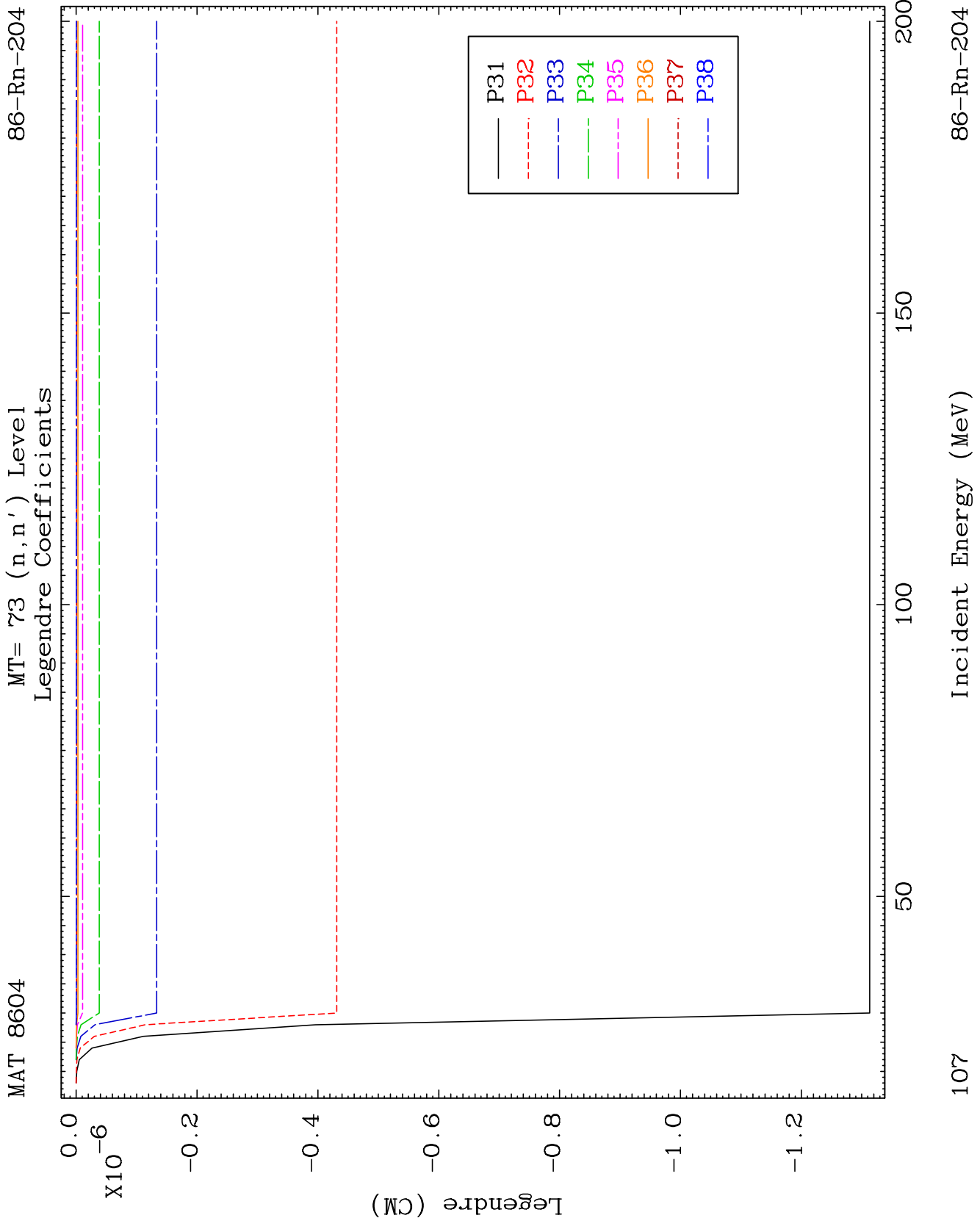
86-Rn-204

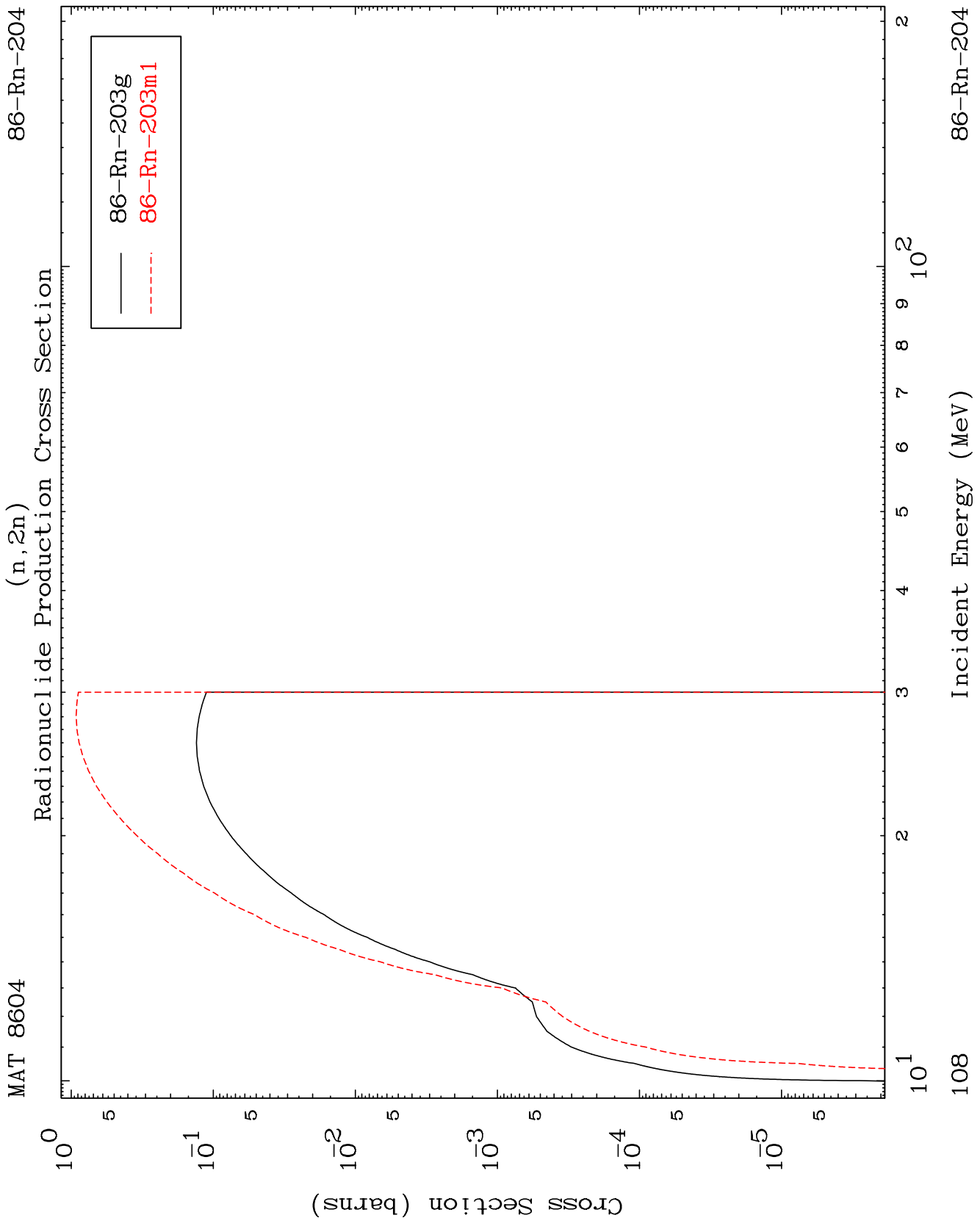


106

Incident Energy (MeV)

86-Rn-204



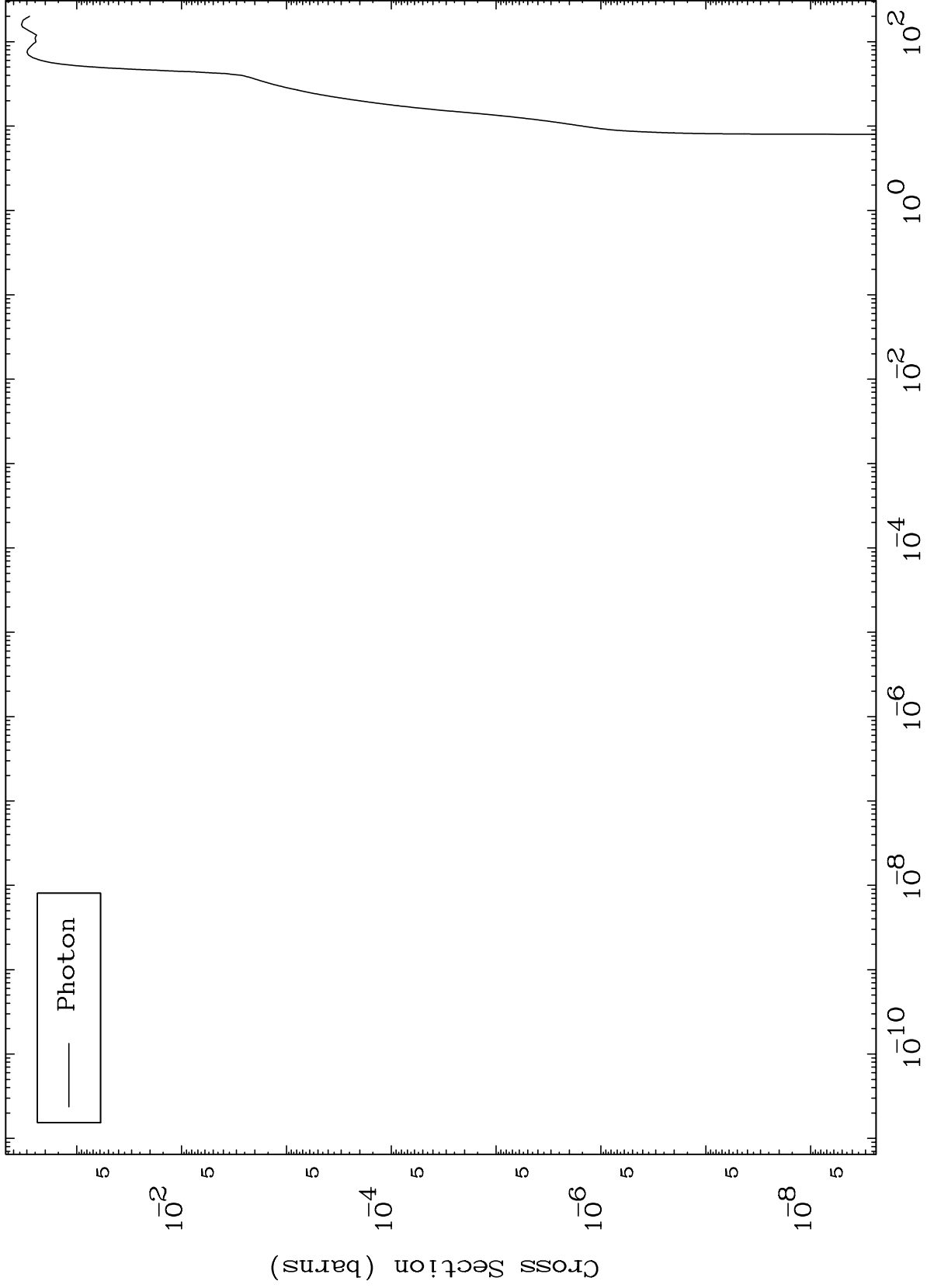


MAT 8604

Fission

86-Rn-204

Radionuclide Production Cross Section



109

Incident Energy (MeV)

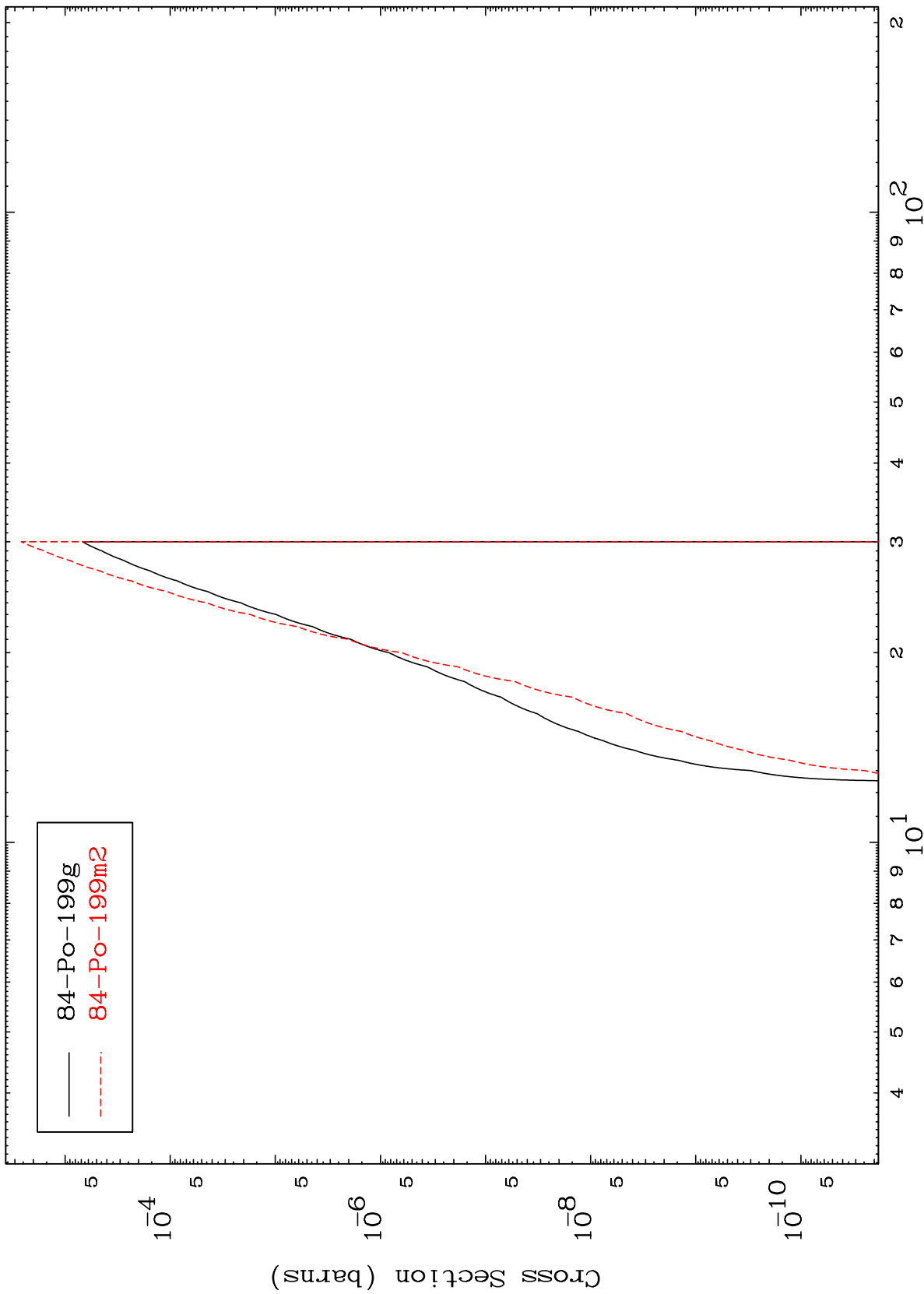
86-Rn-204

MAT 8604

$(n,2n) \alpha$

86-Rn-204

Radionuclide Production Cross Section



110

Incident Energy (MeV)

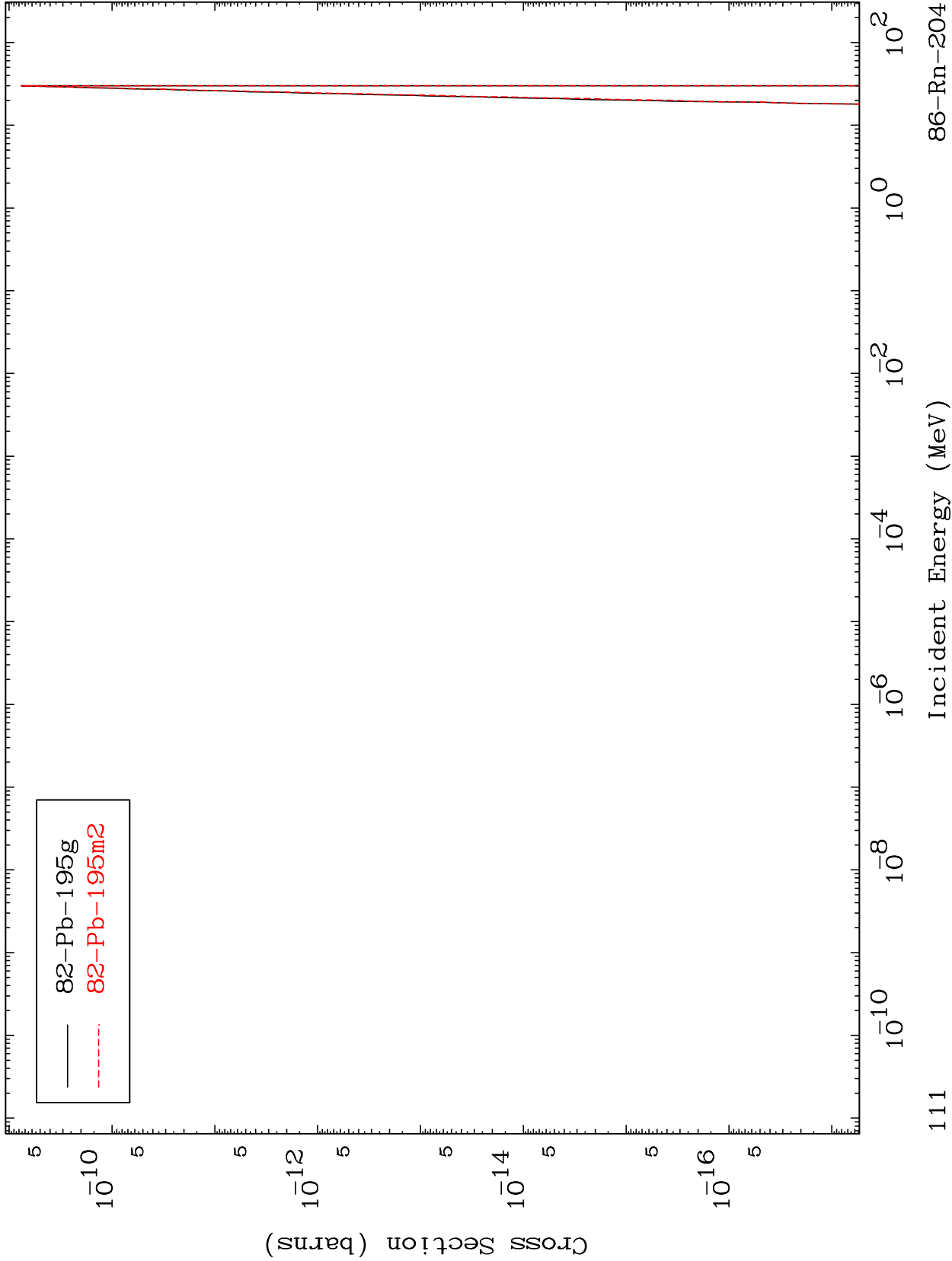
86-Rn-204

MAT 8604

$(n,2n) 2\alpha$

86-Rn-204

Radionuclide Production Cross Section

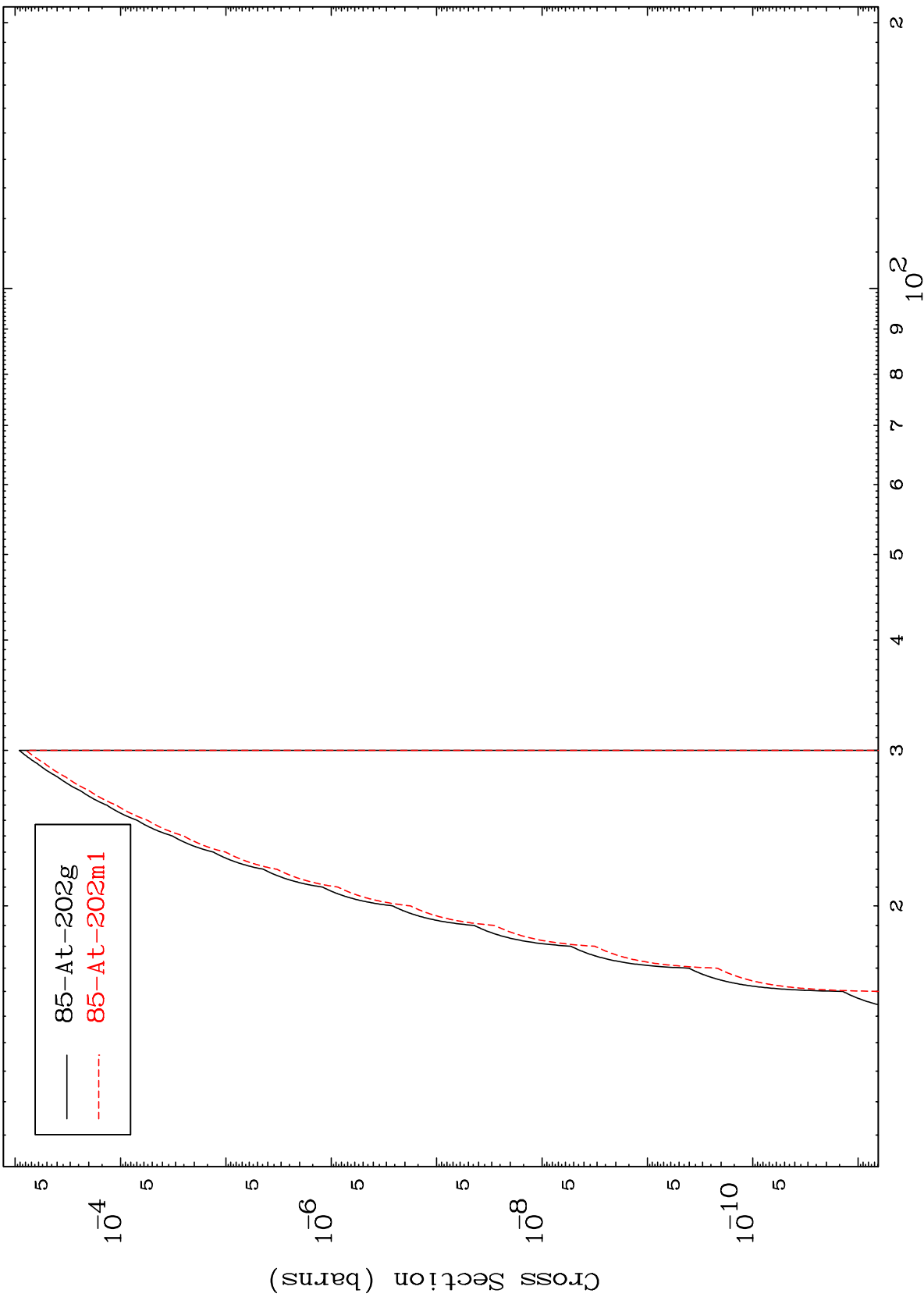


MAT 8604

(n,n') d

86-Rn-204

Radionuclide Production Cross Section



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

112

Incident Energy (MeV)

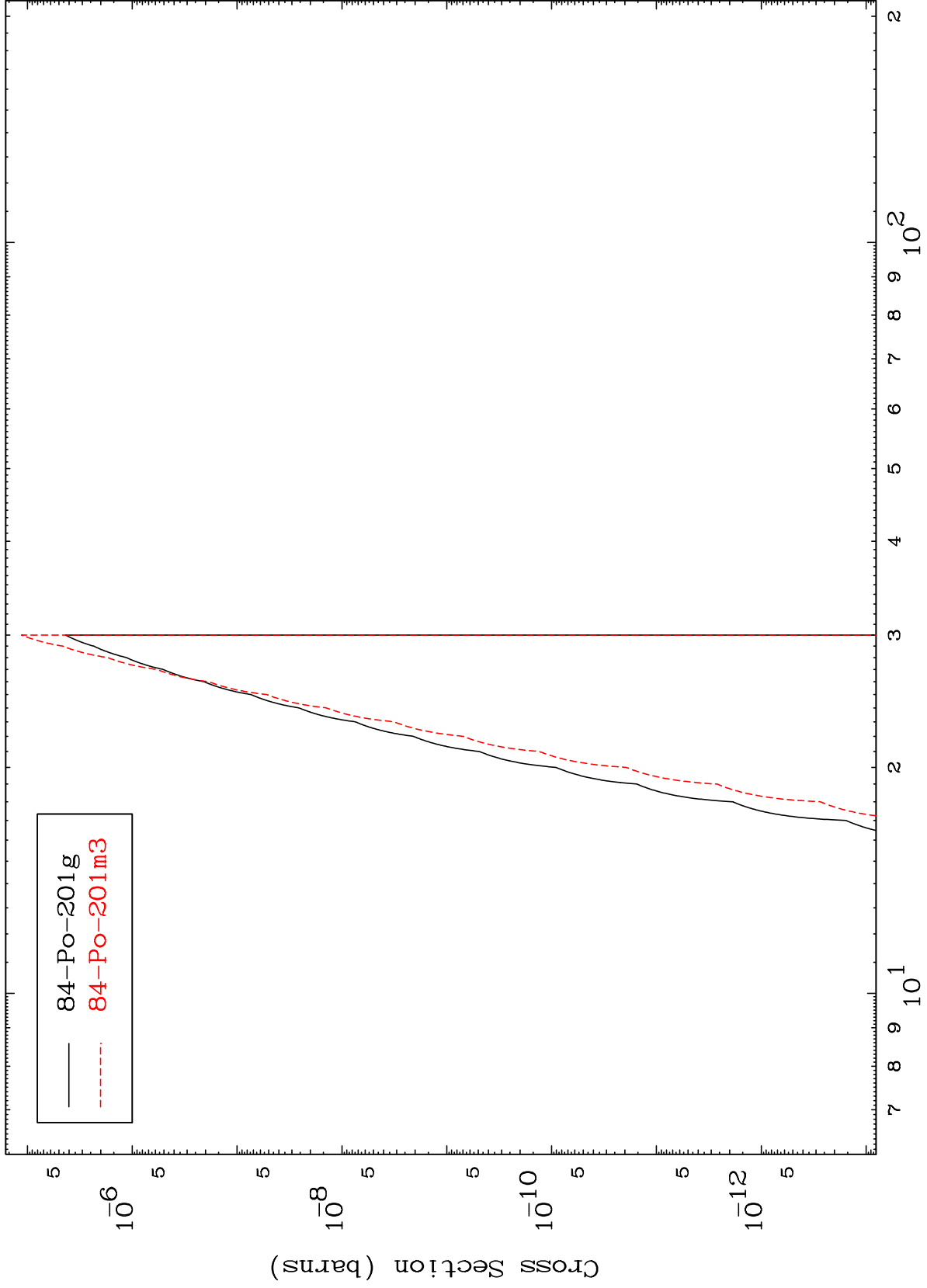
86-Rn-204

MAT 8604

(n,n') He-3

86-Rn-204

Radionuclide Production Cross Section



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

113

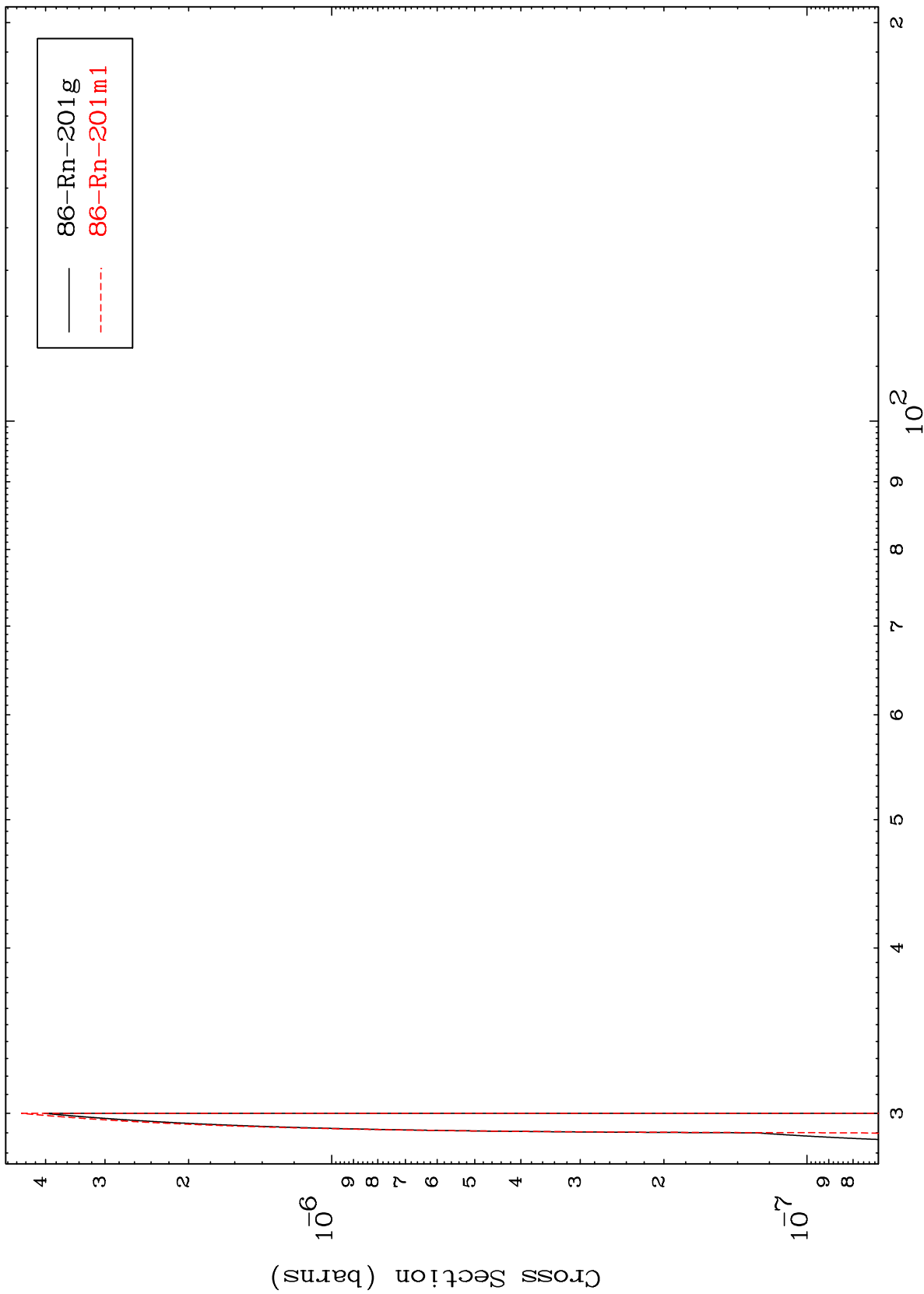
Incident Energy (MeV)

86-Rn-204

MAT 8604

86-Rn-204

(n,4n)
Radionuclide Production Cross Section



114

86-Rn-204

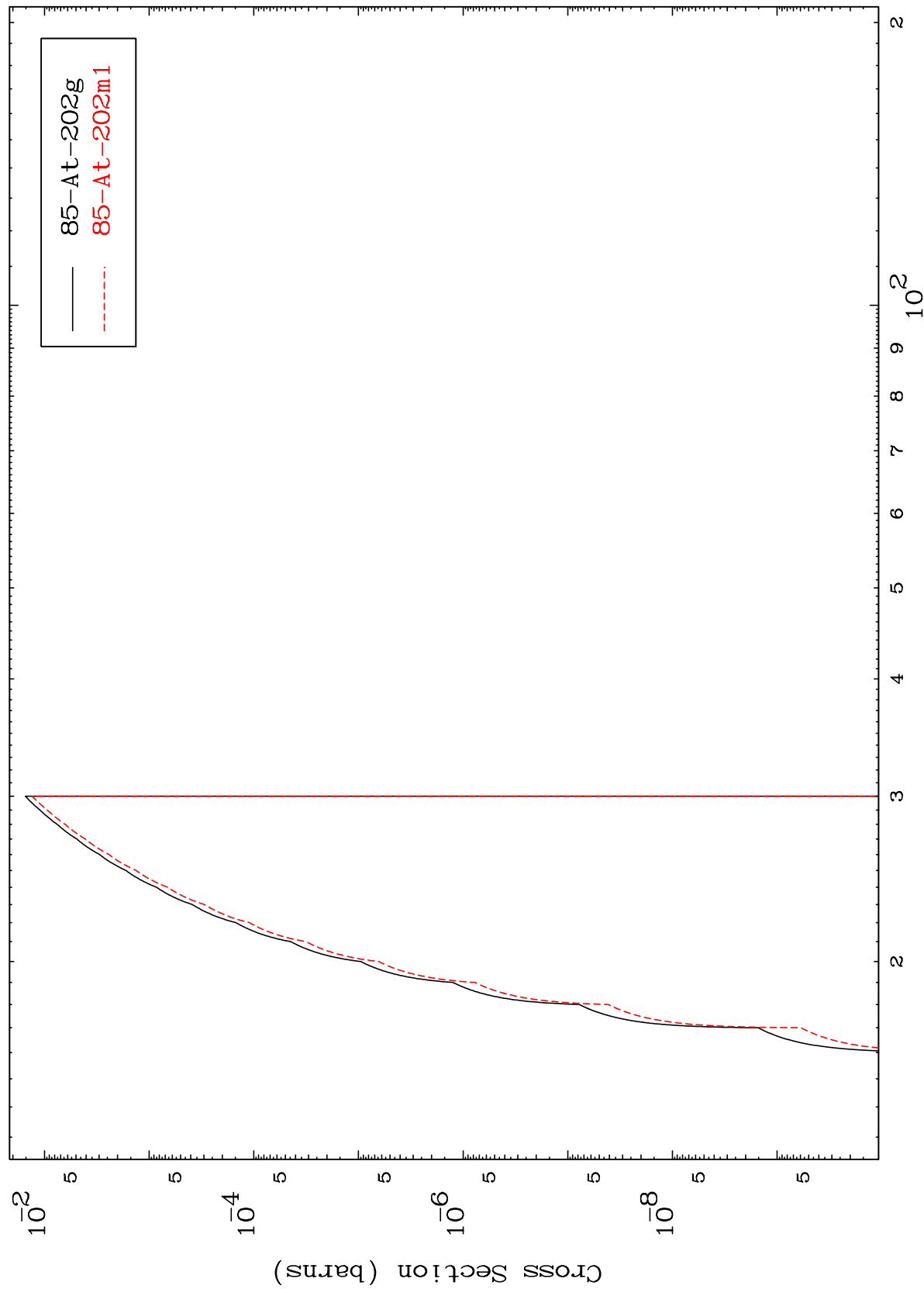
Incident Energy (MeV)

MAT 8604

(n,2n) p

86-Rn-204

Radionuclide Production Cross Section



115

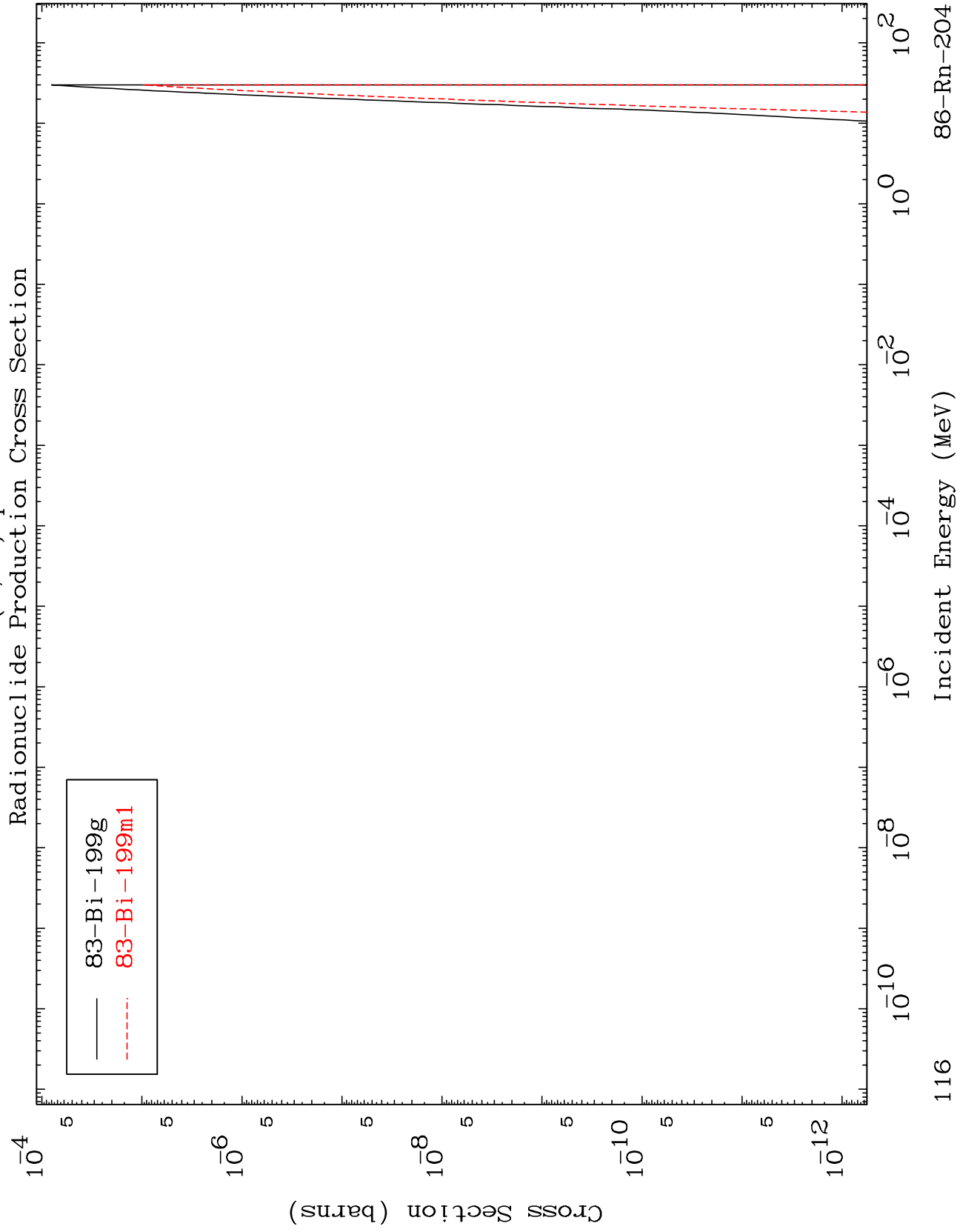
Incident Energy (MeV)

86-Rn-204

MAT 8604

(n,n') p α

86-Rn-204



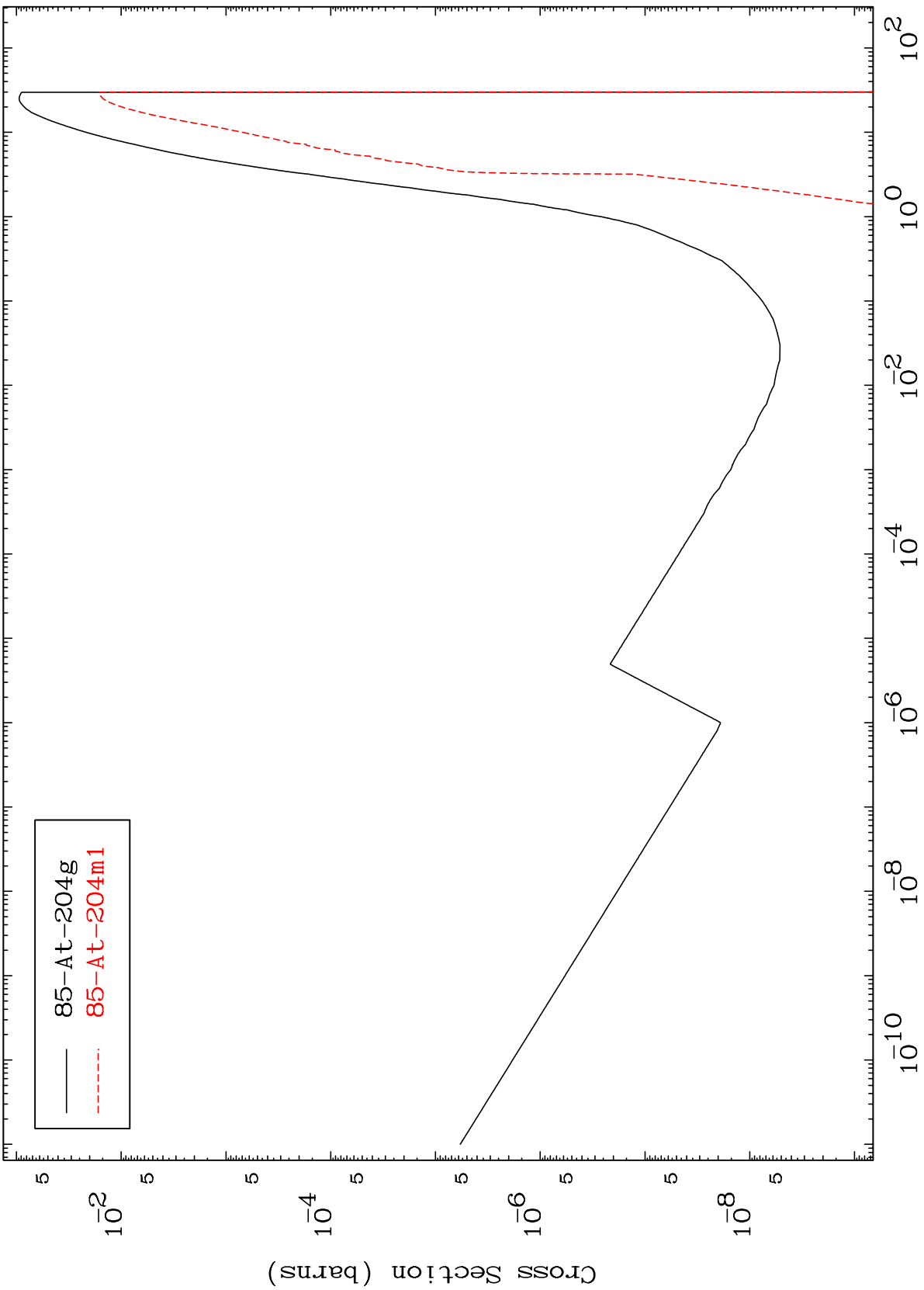
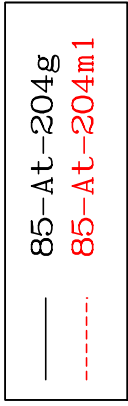
83-Bi-199g
83-Bi-199m1

MAT 8604

(n,p)

86-Rn-204

Radionuclide Production Cross Section



117

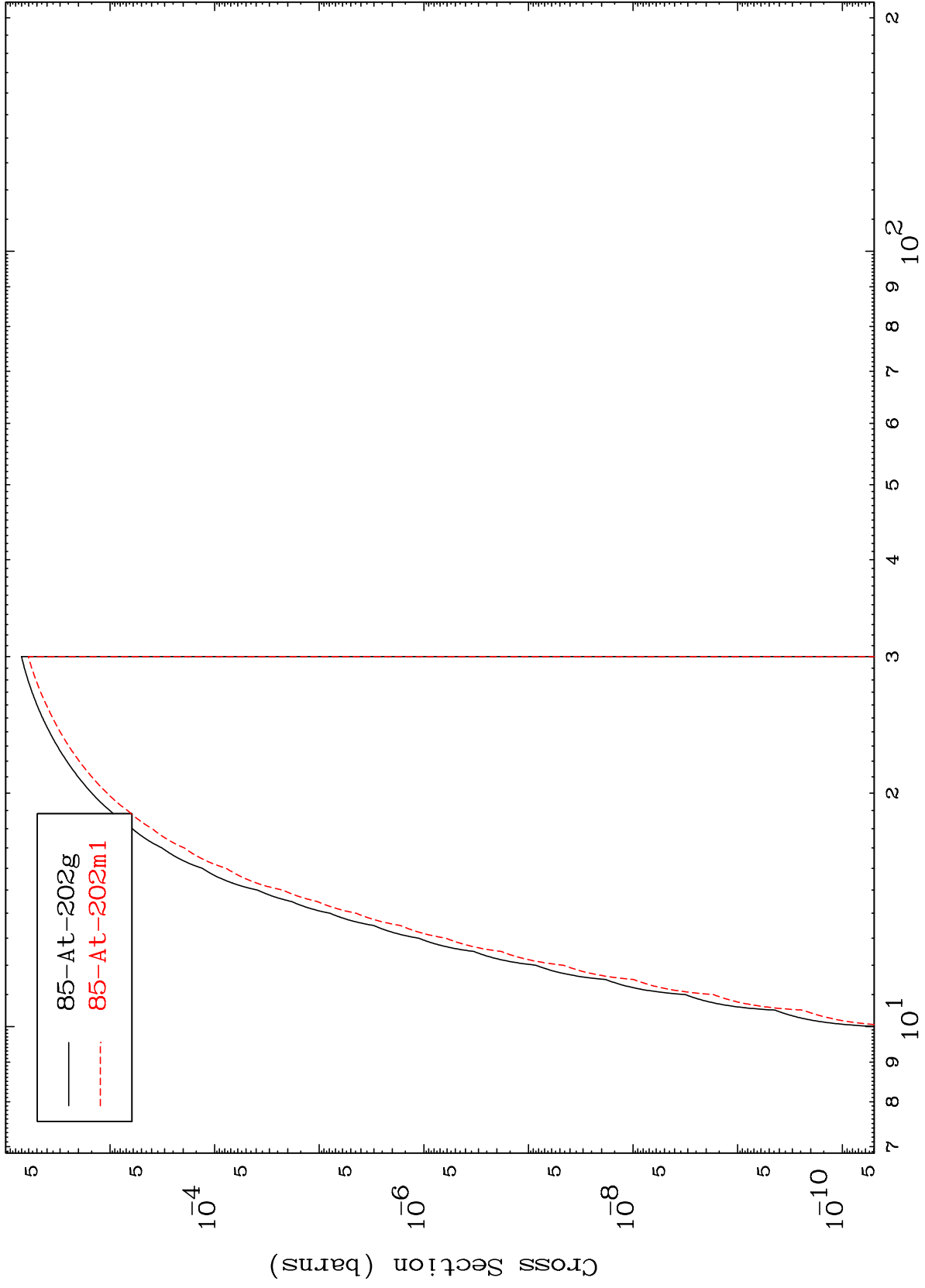
Incident Energy (MeV)

86-Rn-204

MAT 8604

86-Rn-204

(n, t)
Radionuclide Production Cross Section



118

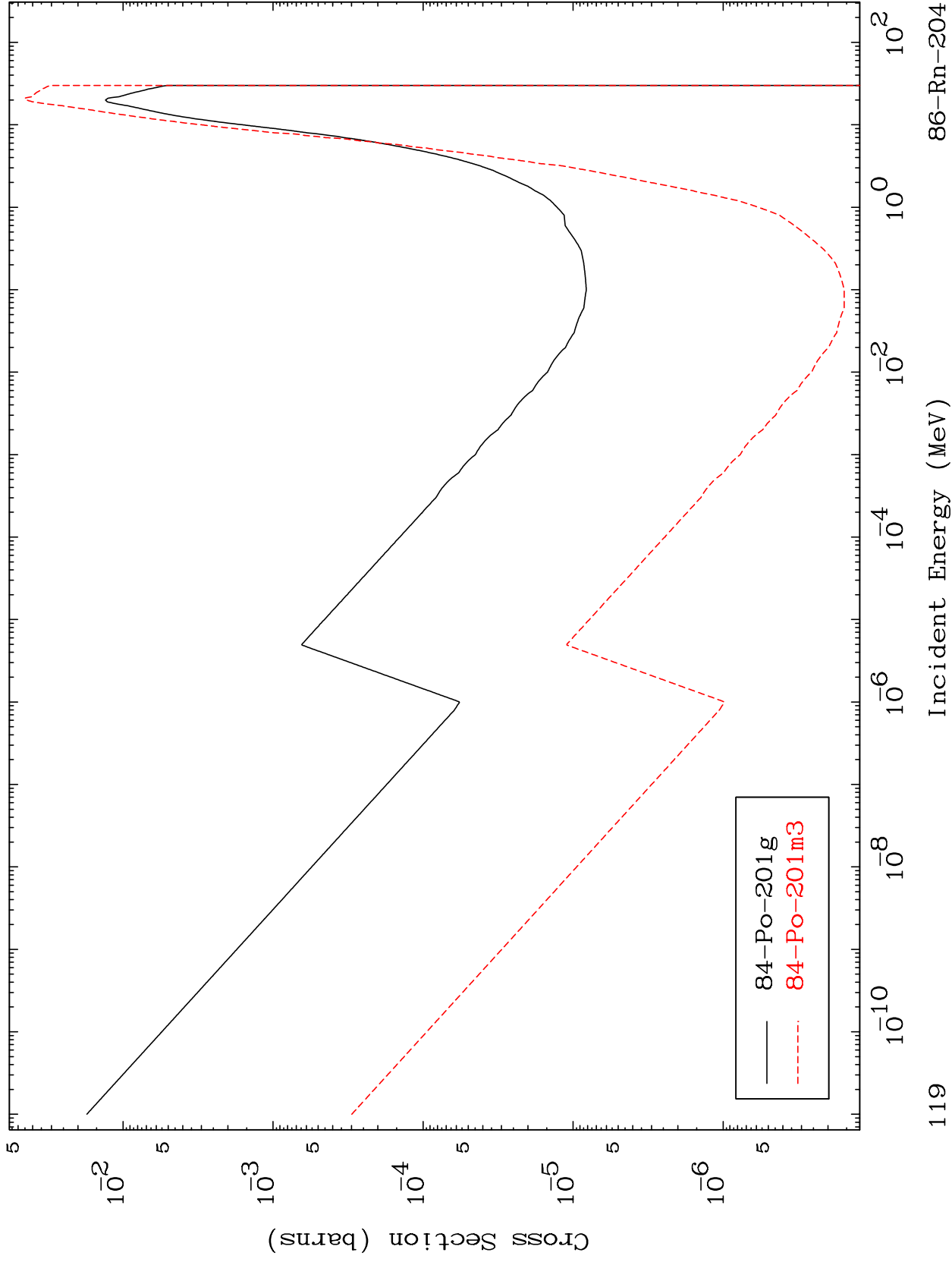
Incident Energy (MeV)

86-Rn-204

MAT 8604

Radionuclide Production Cross Section
(n, α)

86-Rn-204

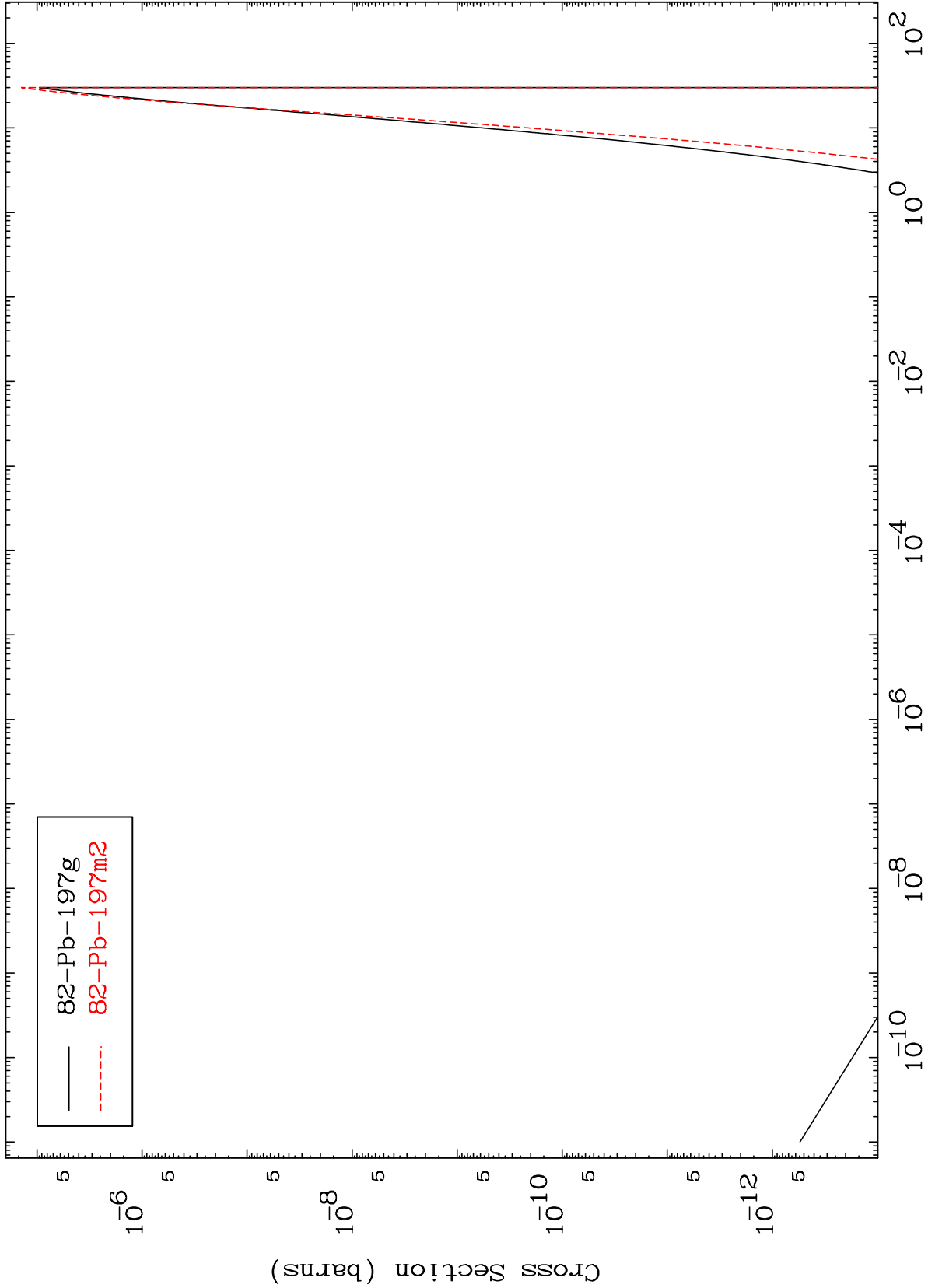
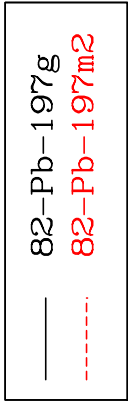


MAT 8604

(n,2α)

86-Rn-204

Radionuclide Production Cross Section



120

Incident Energy (MeV)

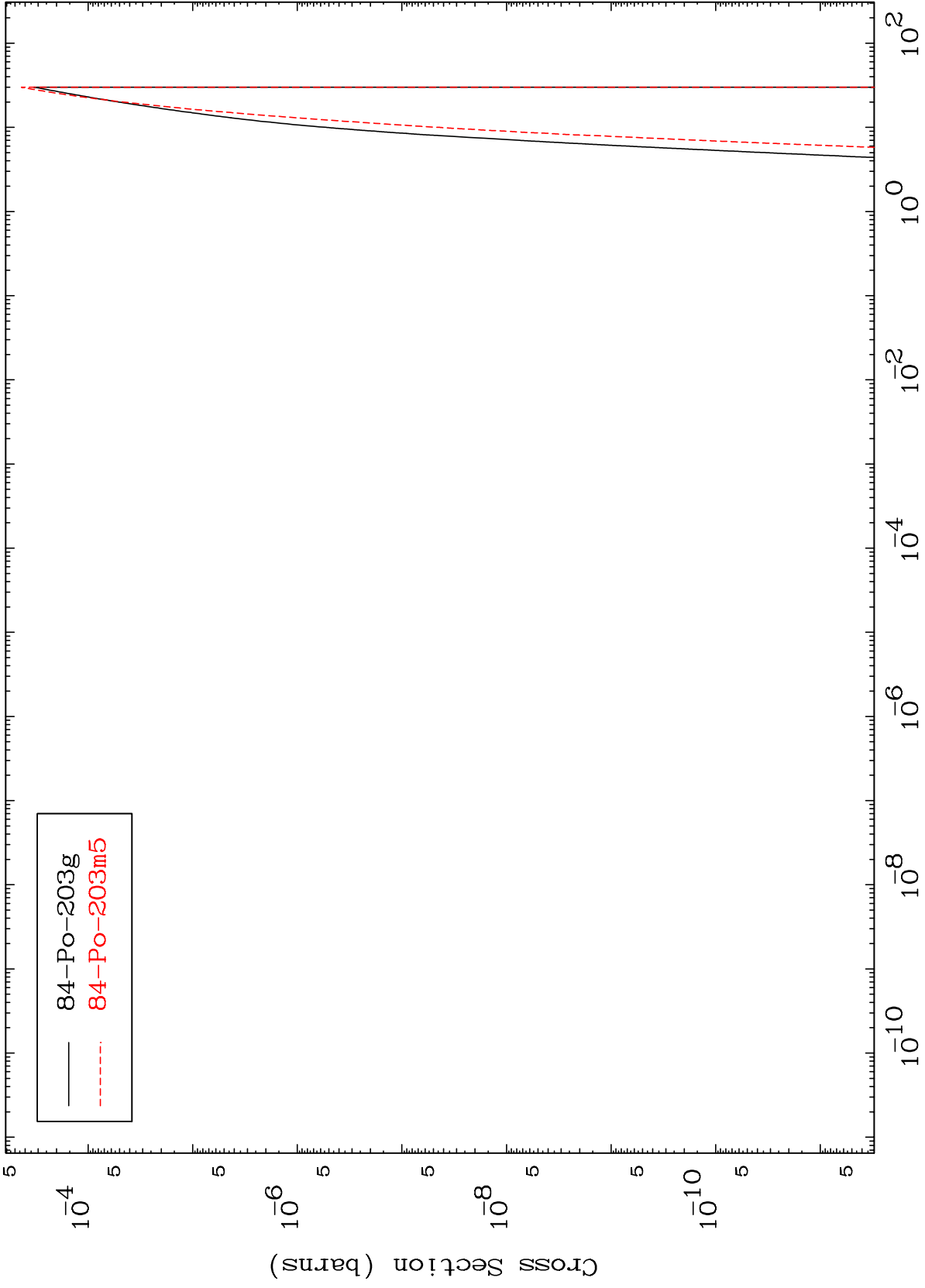
86-Rn-204

MAT 8604

(n,2p)

86-Rn-204

Radionuclide Production Cross Section



121

Incident Energy (MeV)

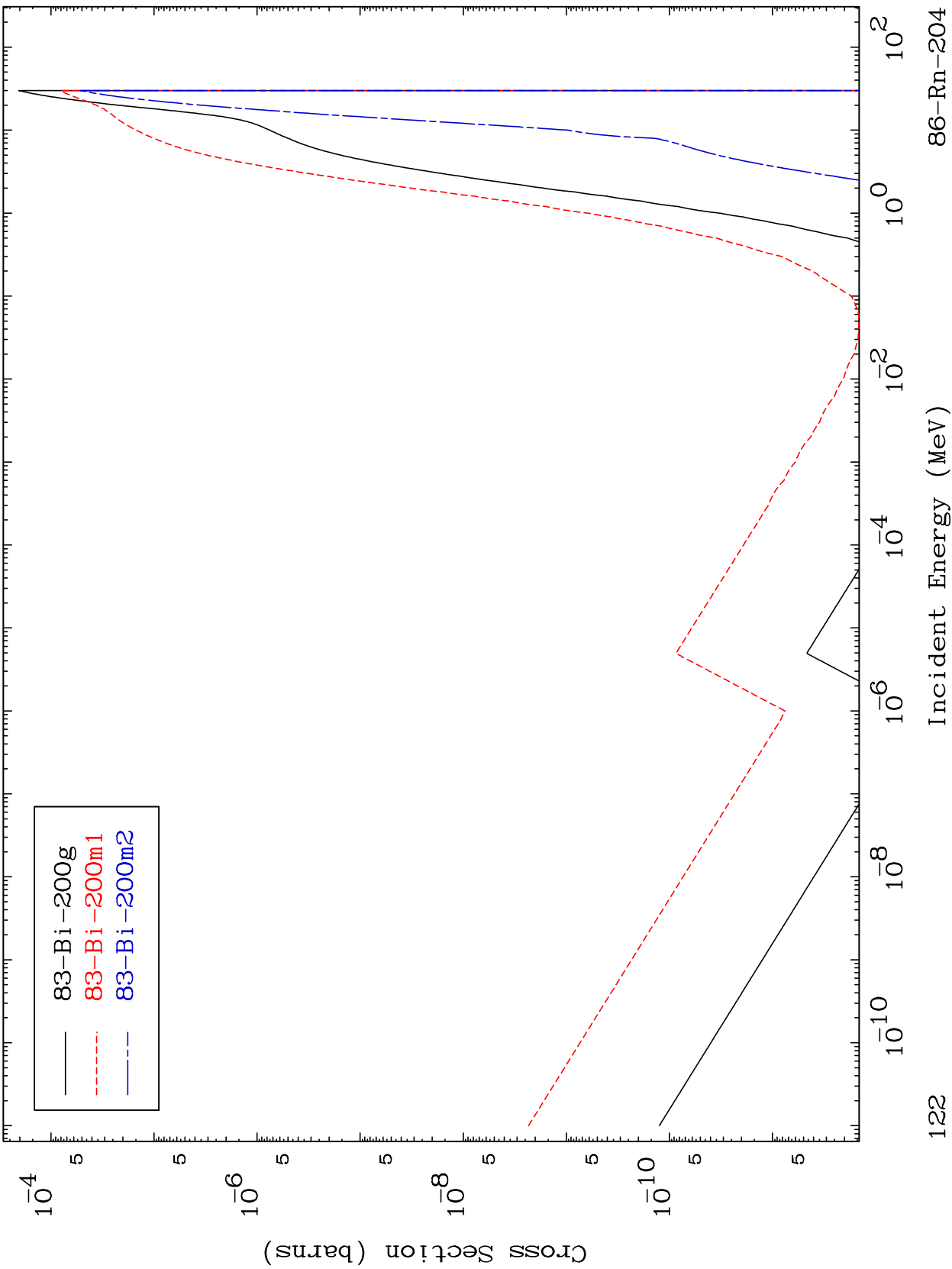
86-Rn-204

MAT 8604

(n,p) α

86-Rn-204

Radionuclide Production Cross Section

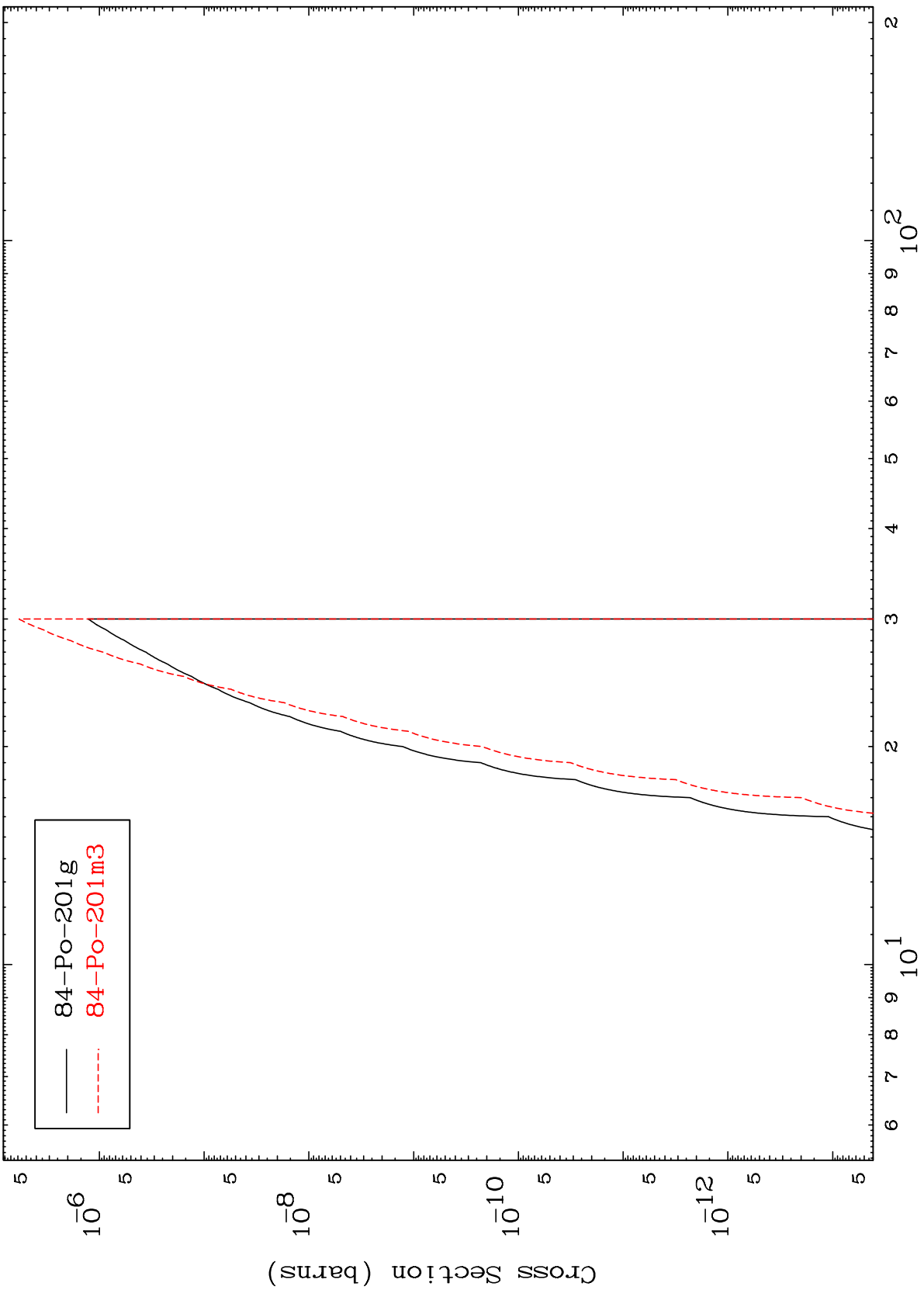


MAT 8604

(n,p) t

86-Rn-204

Radionuclide Production Cross Section



123

Incident Energy (MeV)

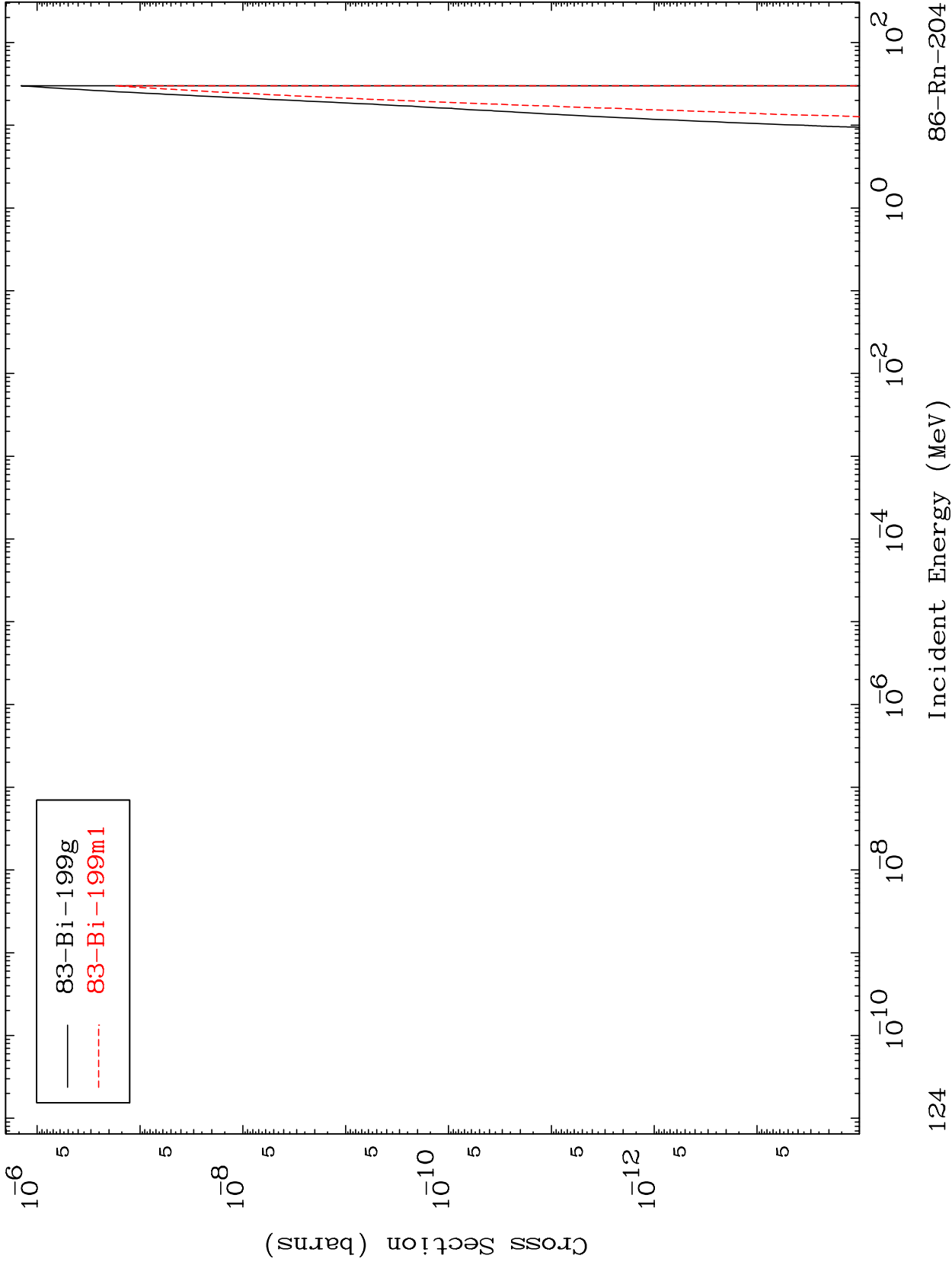
86-Rn-204

MAT 8604

(n,d) α

86-Rn-204

Radionuclide Production Cross Section



124

Incident Energy (MeV)

86-Rn-204