

Program EVALPLOT
(Version 2021-1)

by

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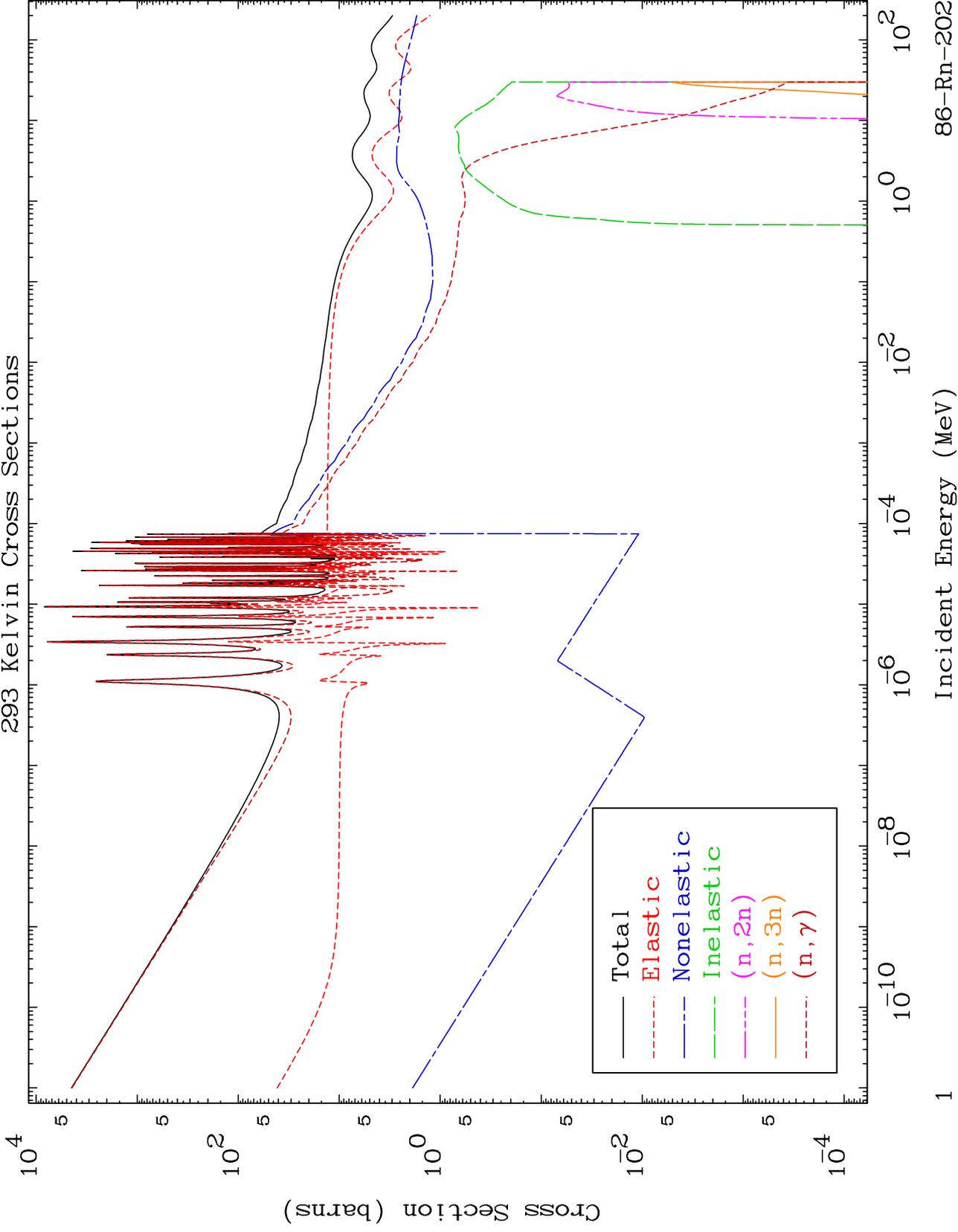
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Press Mouse Button to Start

MAT 8598

Neutron Major
293 Kelvin Cross Sections

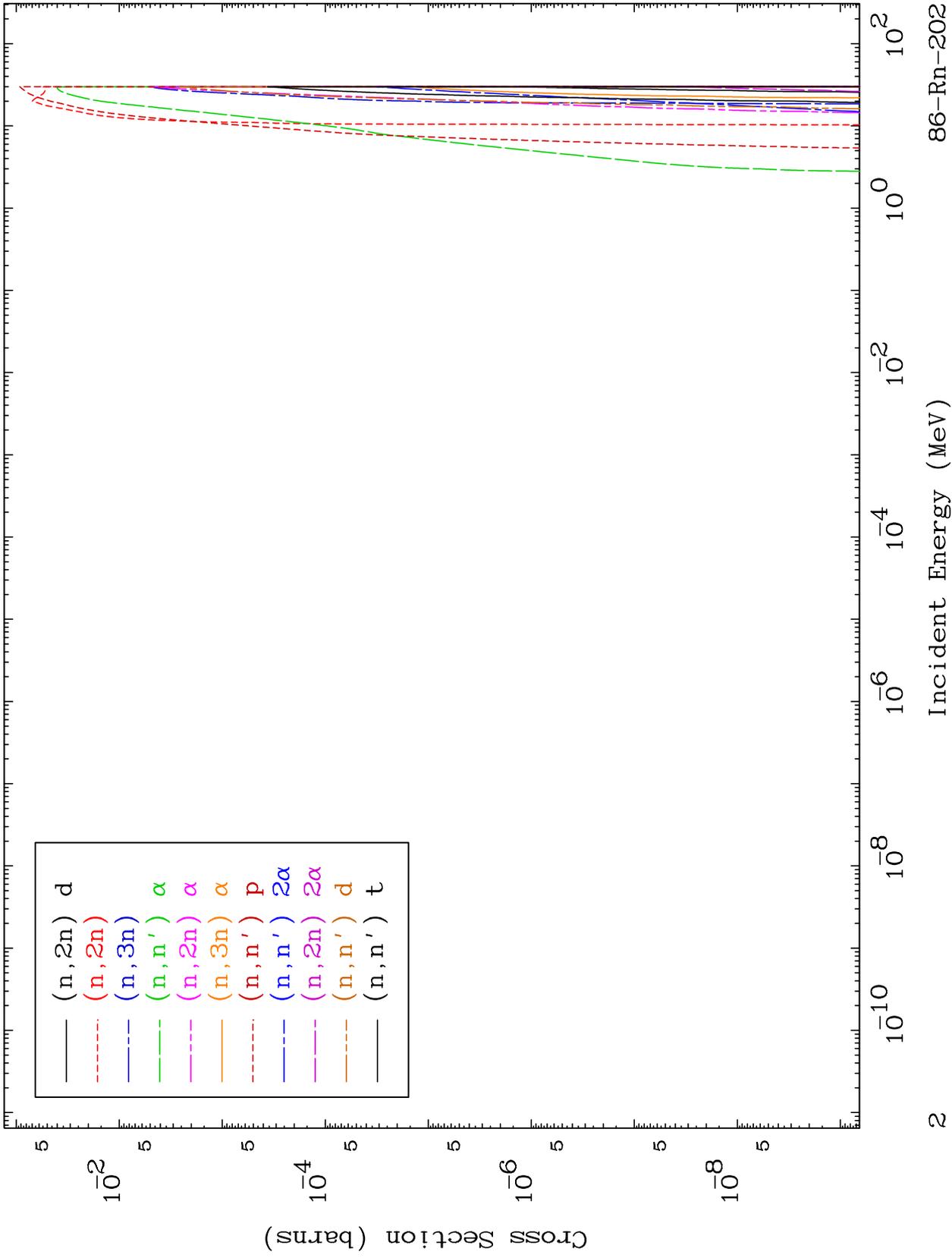
86-Rn-202



MAT 8598

Neutron Absorption
293 Kelvin Cross Sections

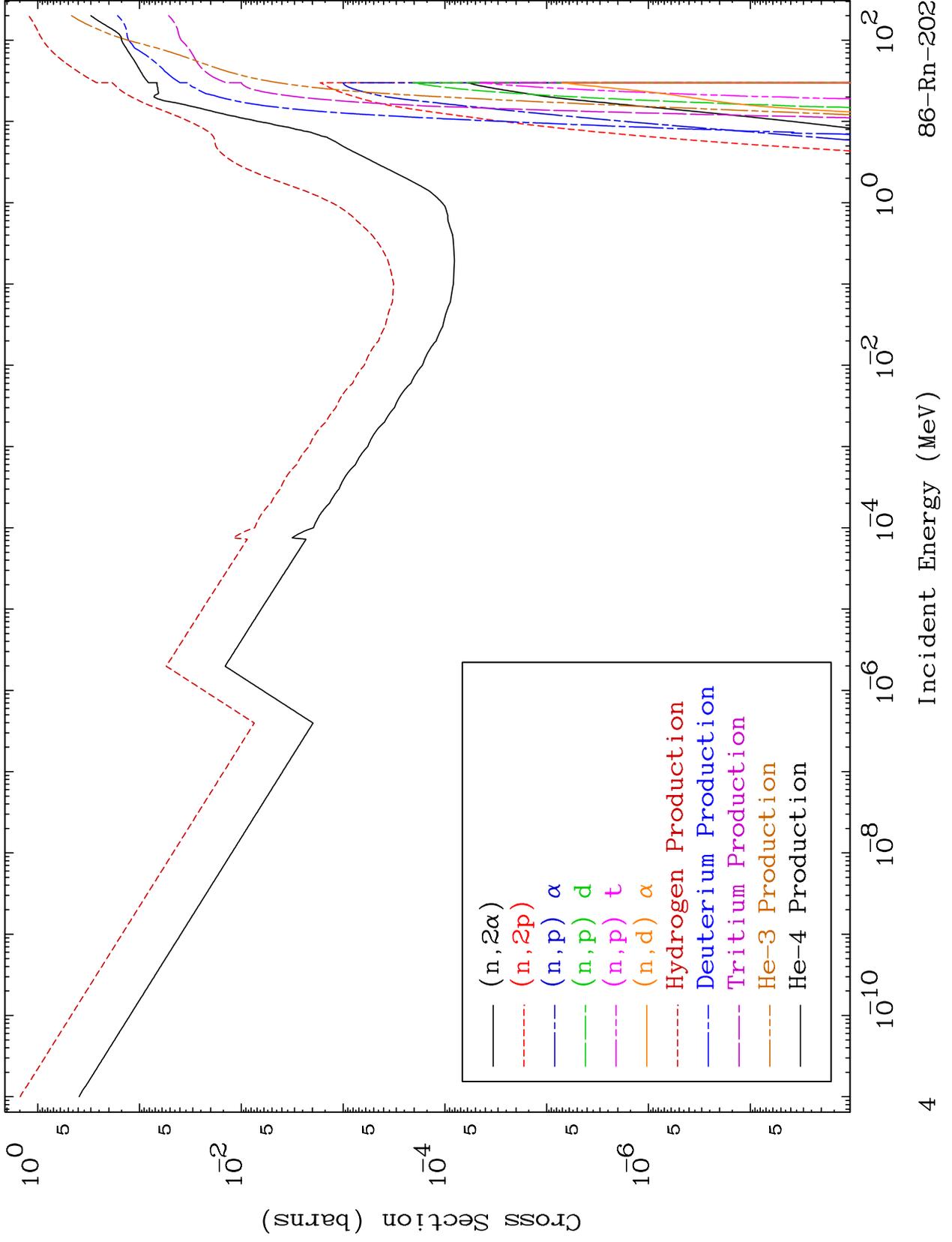
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MAT 8598

Neutron Absorption
293 Kelvin Cross Sections

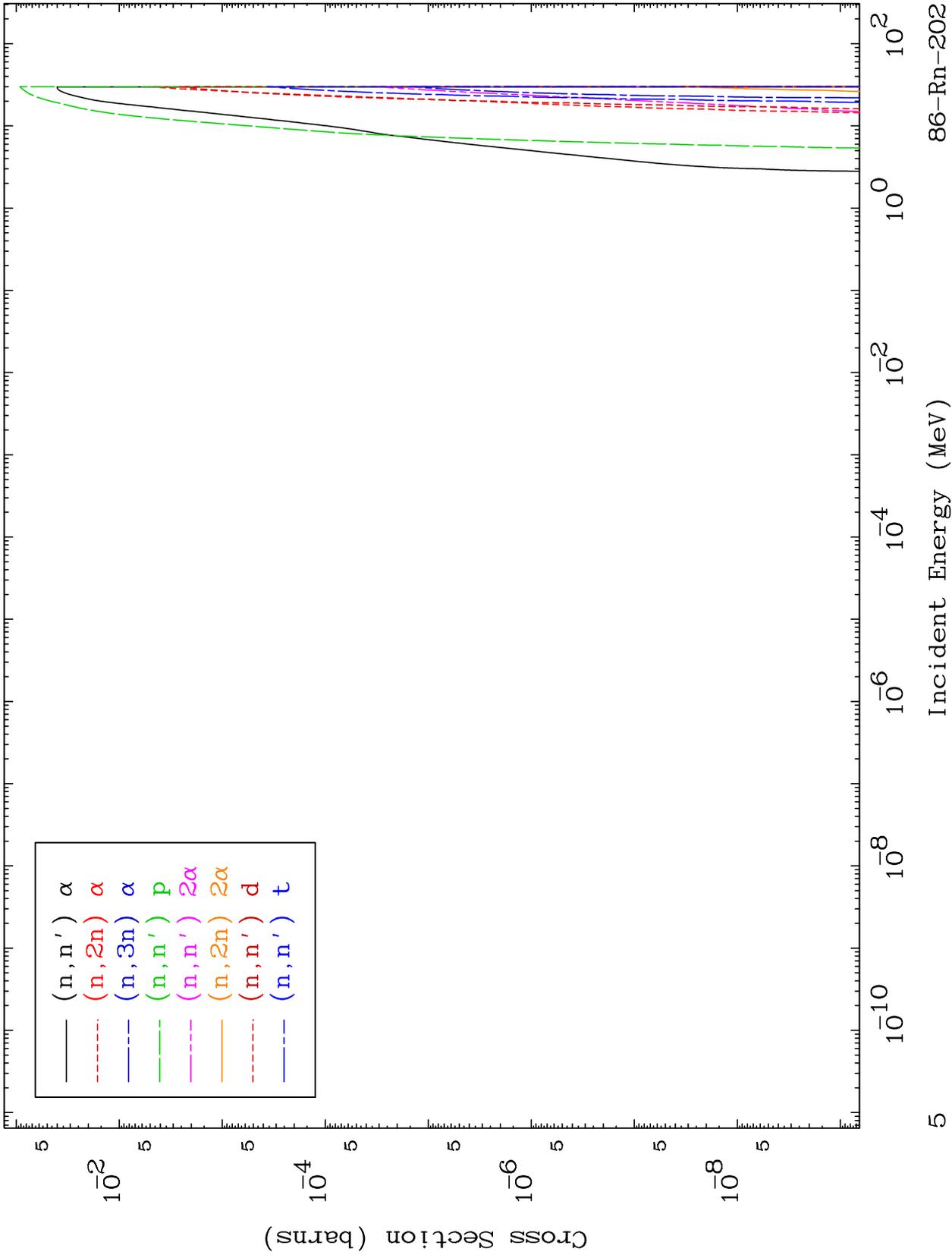
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MAT 8598

Charged Particle
293 Kelvin Cross Sections

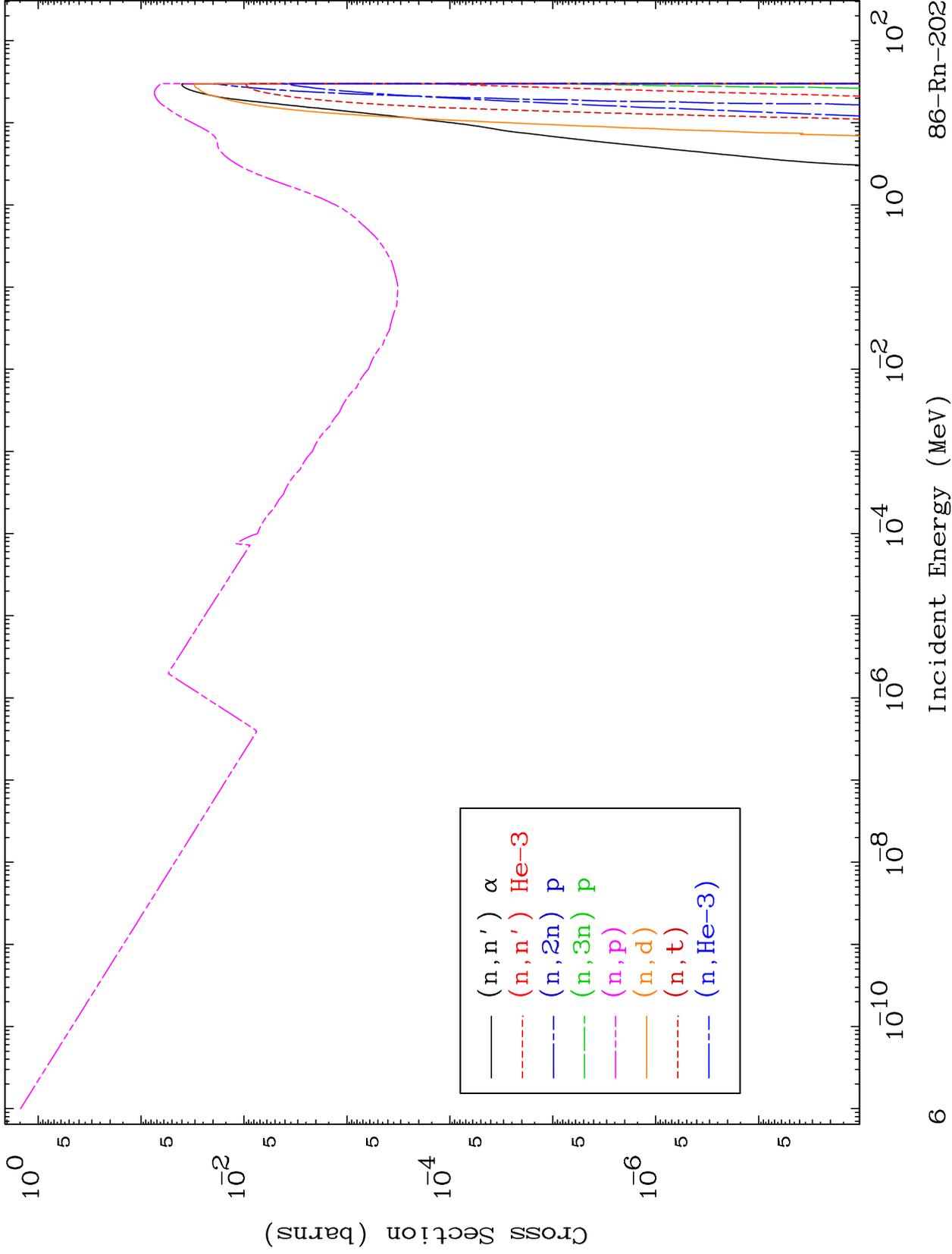
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MAT 8598

Charged Particle
293 Kelvin Cross Sections

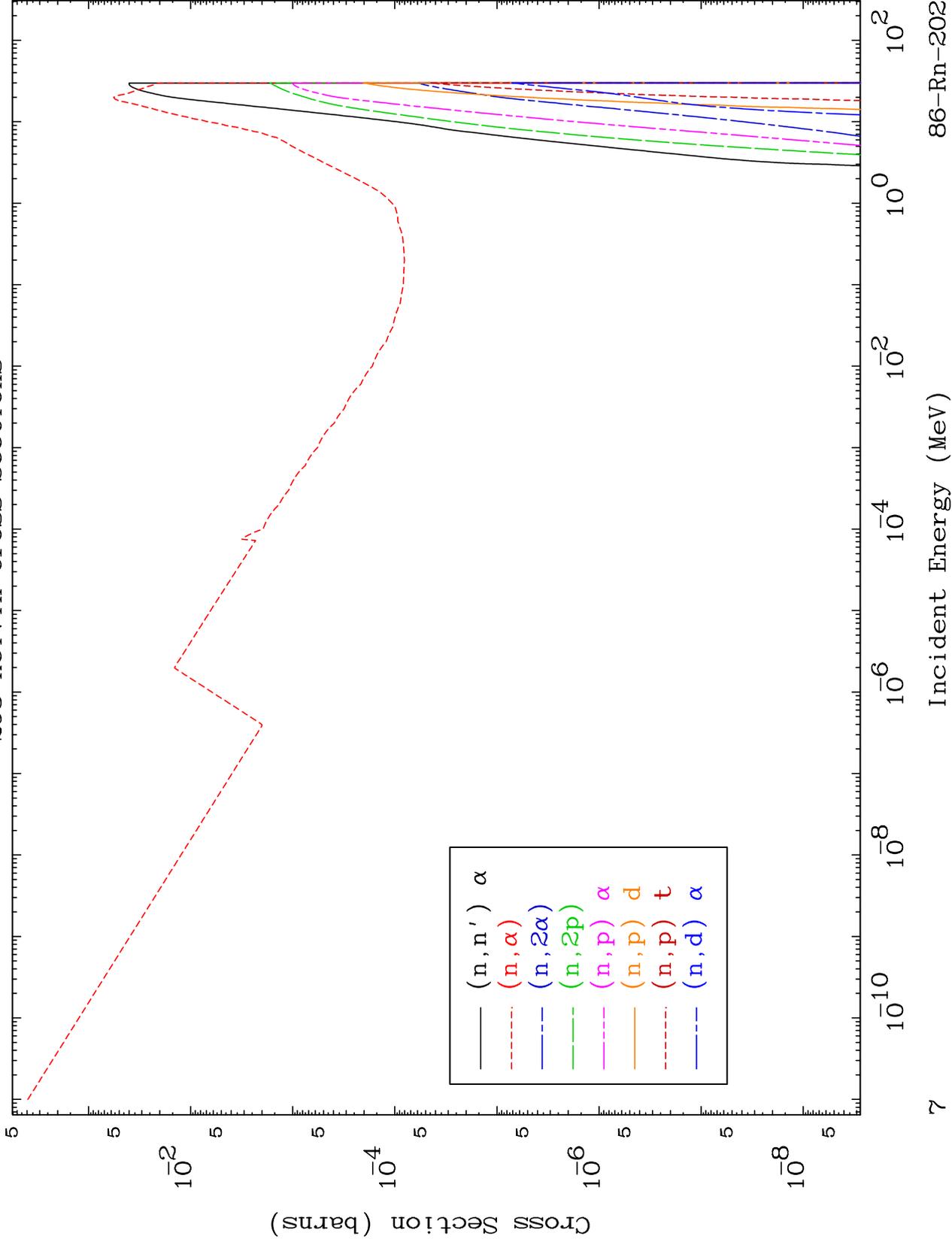
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MAT 8598

Charged Particle
293 Kelvin Cross Sections

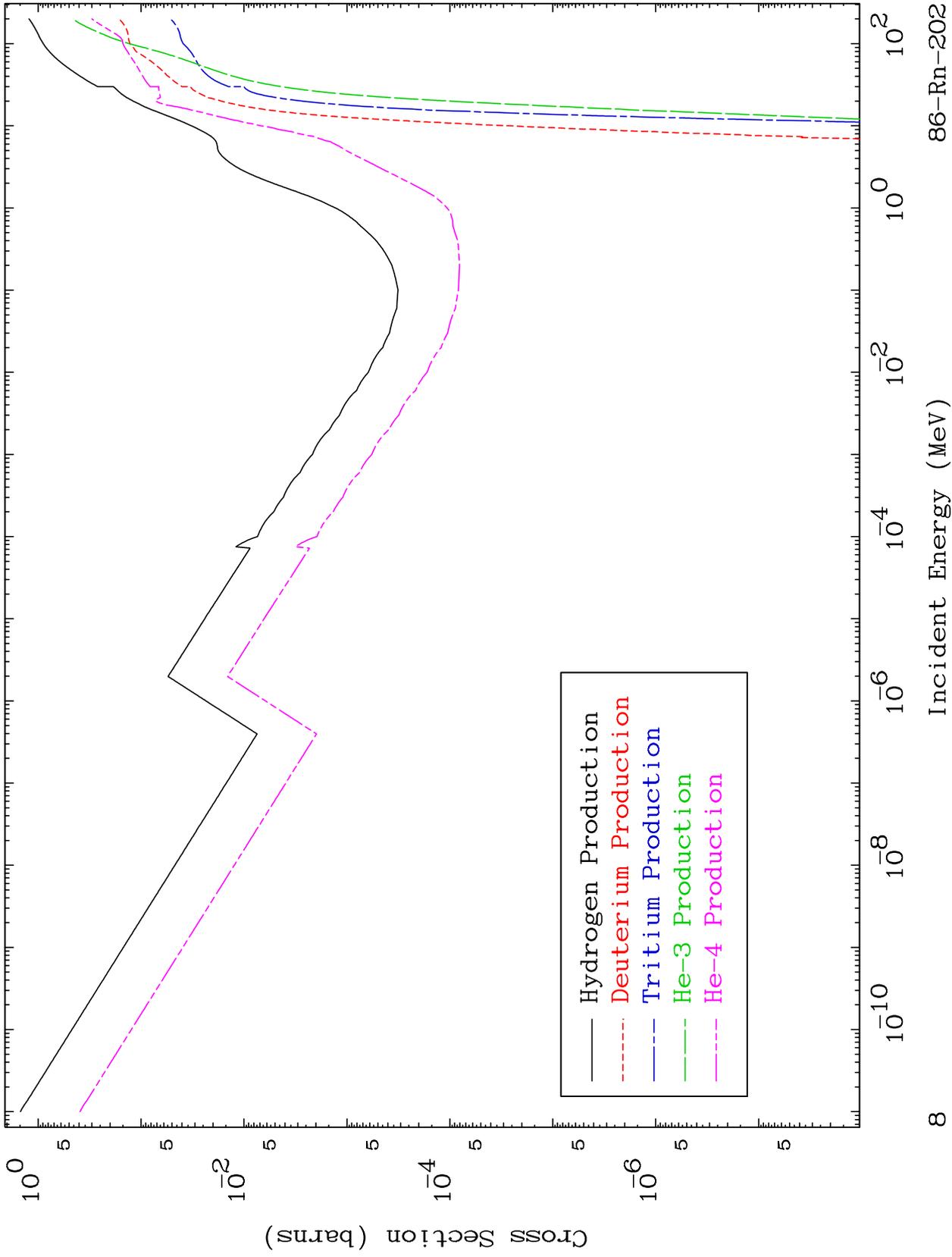
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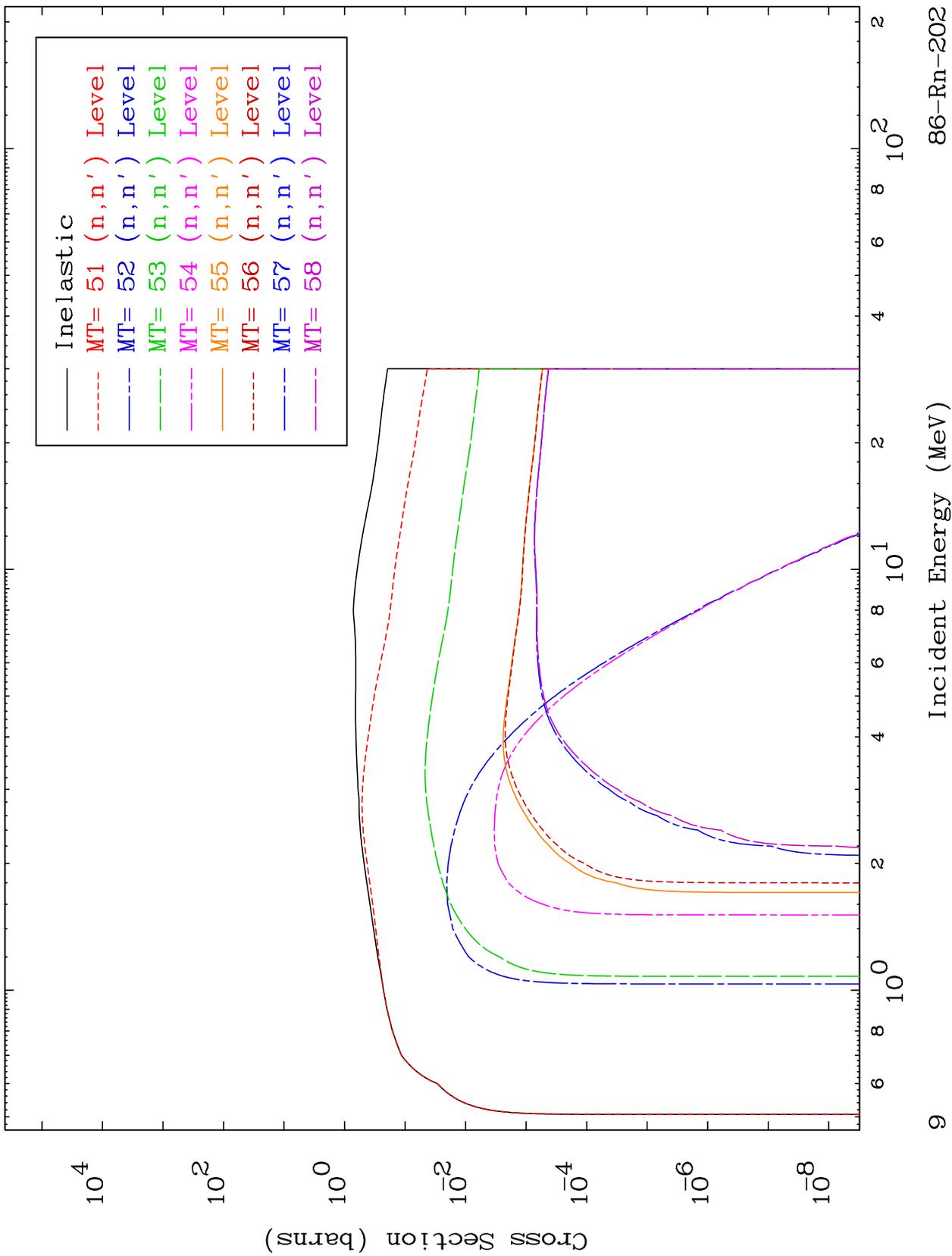


MAT 8598

Particle Production
293 Kelvin Cross Sections

86-Rn-202



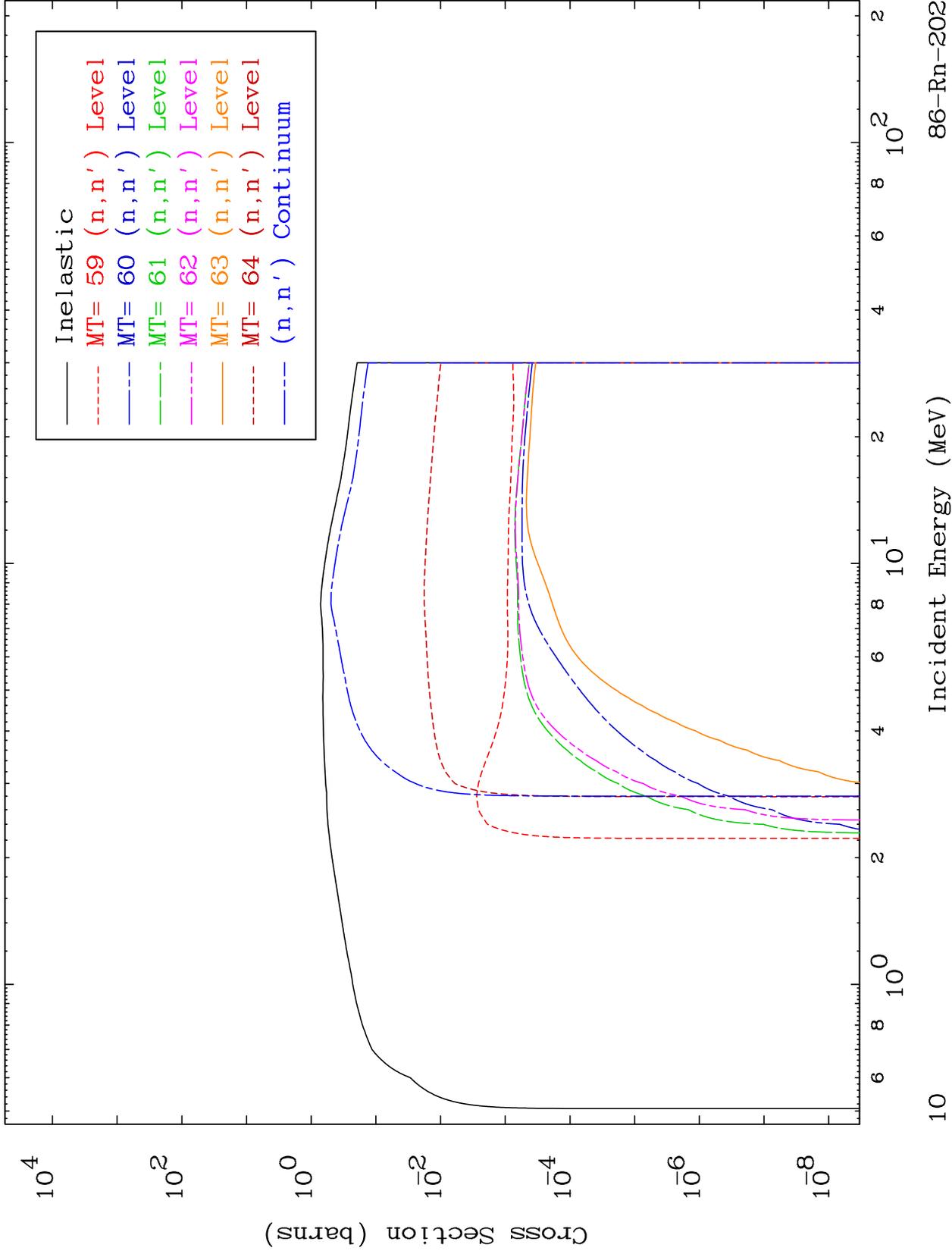


MAT 8598

(n,n') Levels

86-Rn-202

293 Kelvin Cross Sections



10

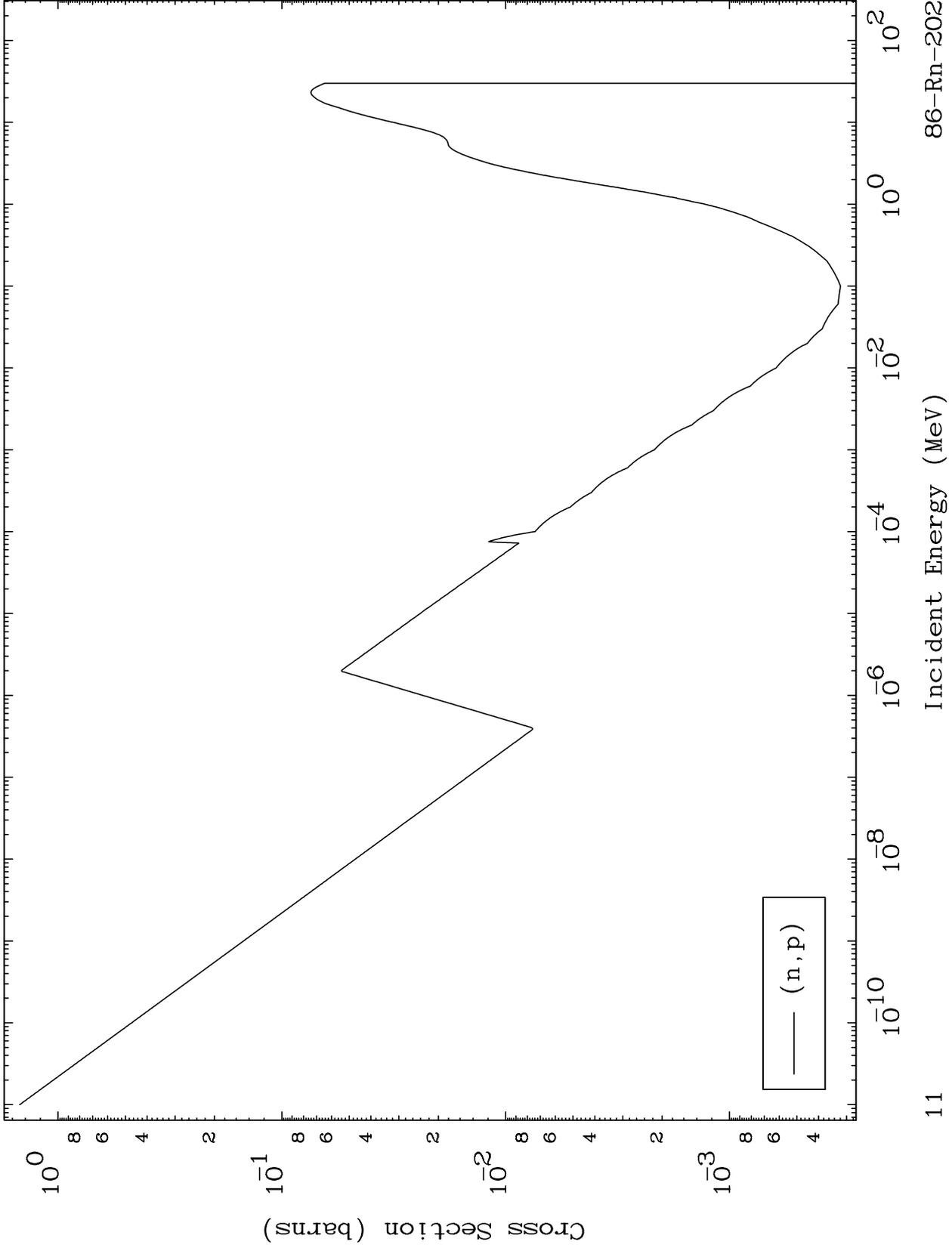
Incident Energy (MeV)

86-Rn-202

MAT 8598

(n,p) Levels
293 Kelvin Cross Sections

86-Rn-202

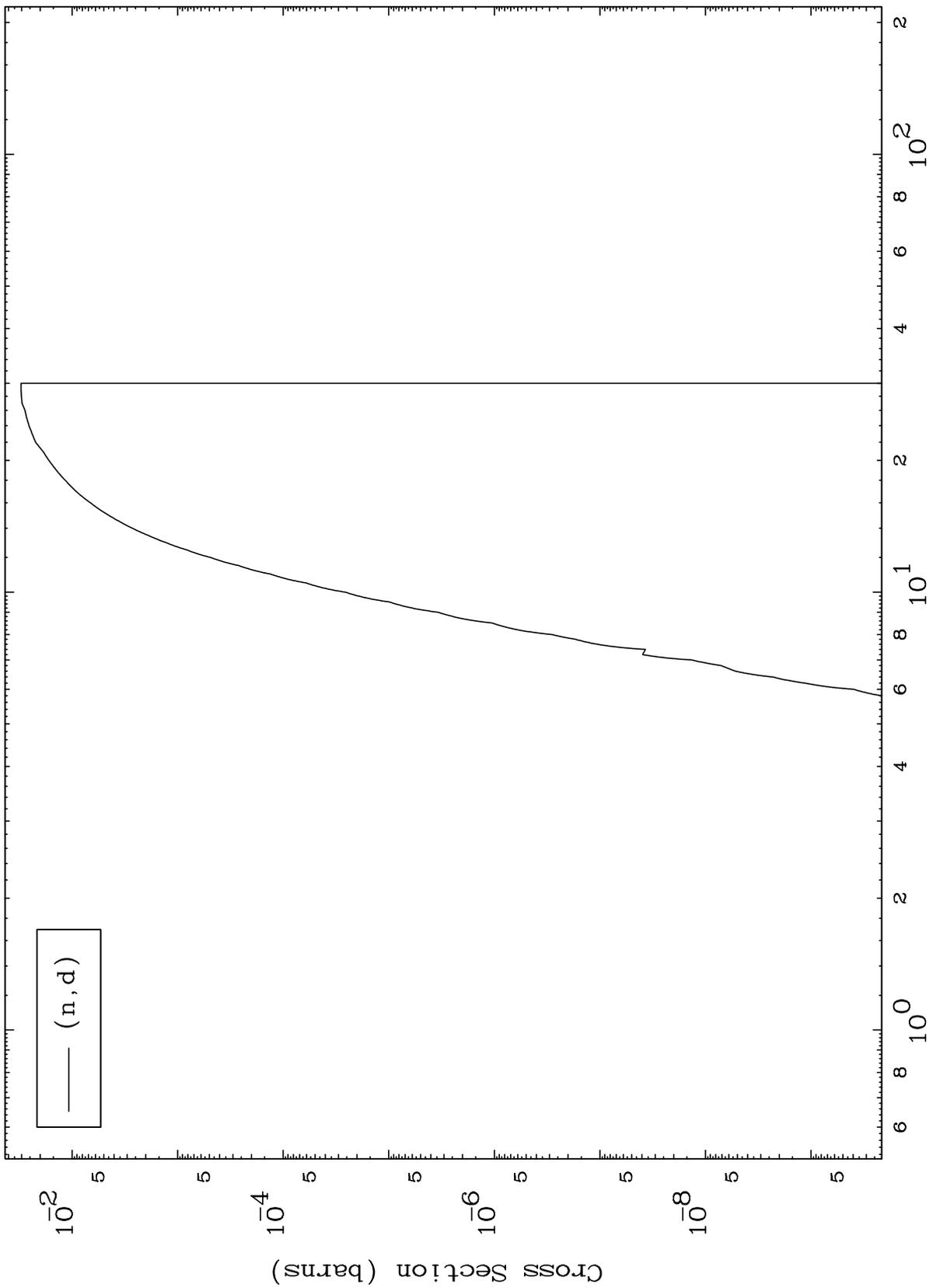


MAT 8598

(n,d) Levels

86-Rn-202

293 Kelvin Cross Sections



12

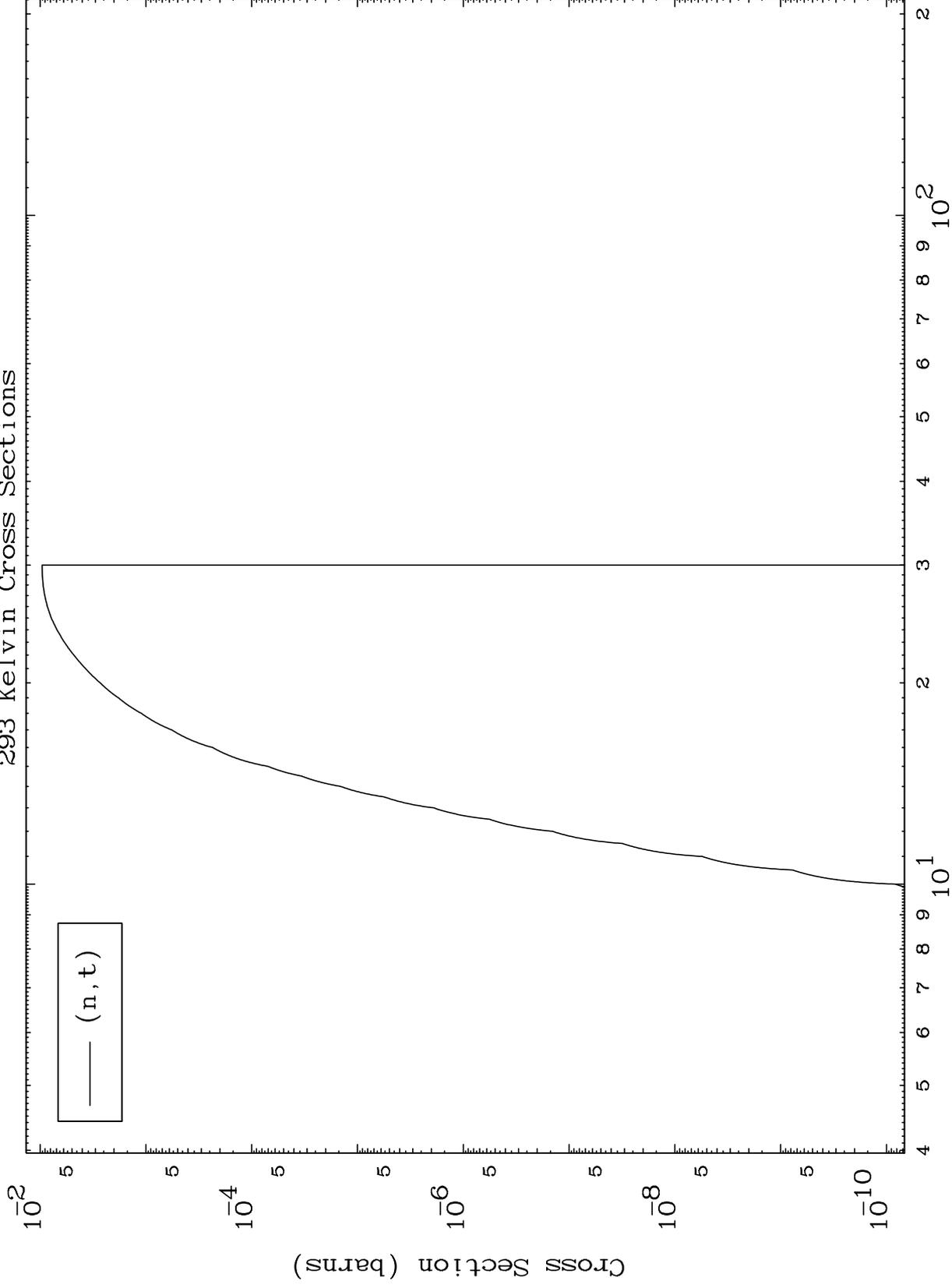
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86-Rn-202

MAT 8598

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-202



13

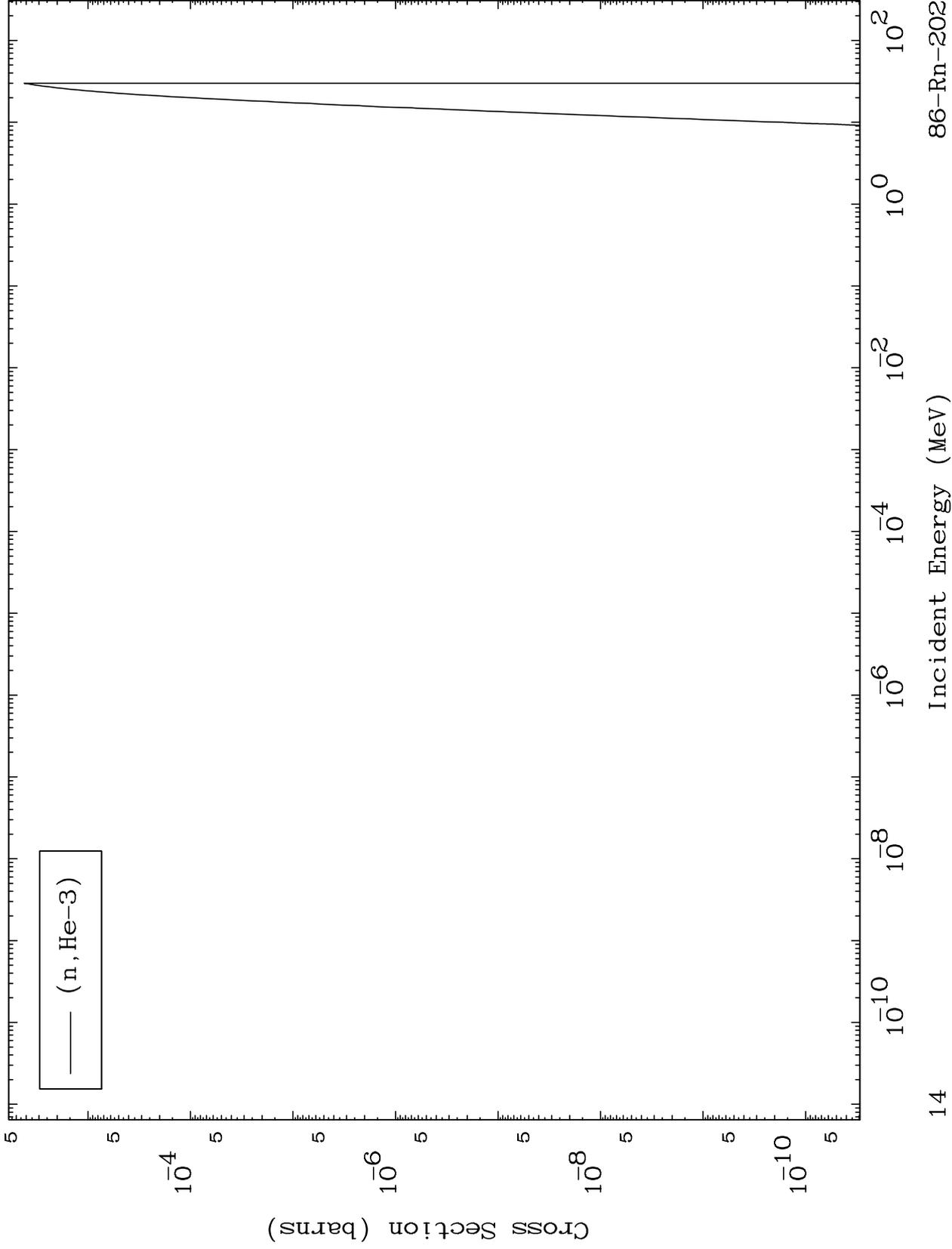
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86-Rn-202

MAT 8598

(n,He3) Levels
293 Kelvin Cross Sections

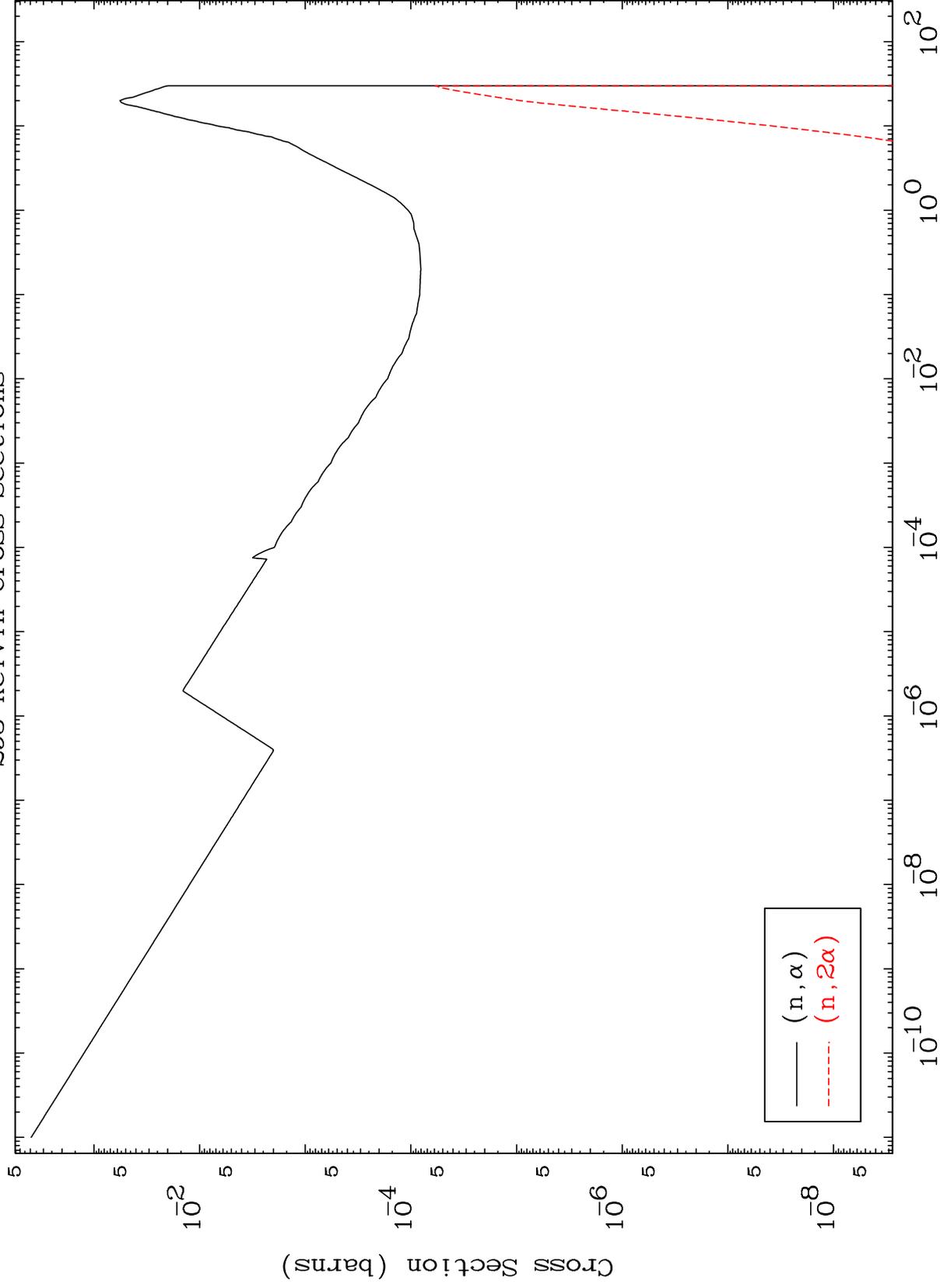
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MAT 8598

(n, α) Levels
293 Kelvin Cross Sections

86-Rn-202



Incident Energy (MeV)

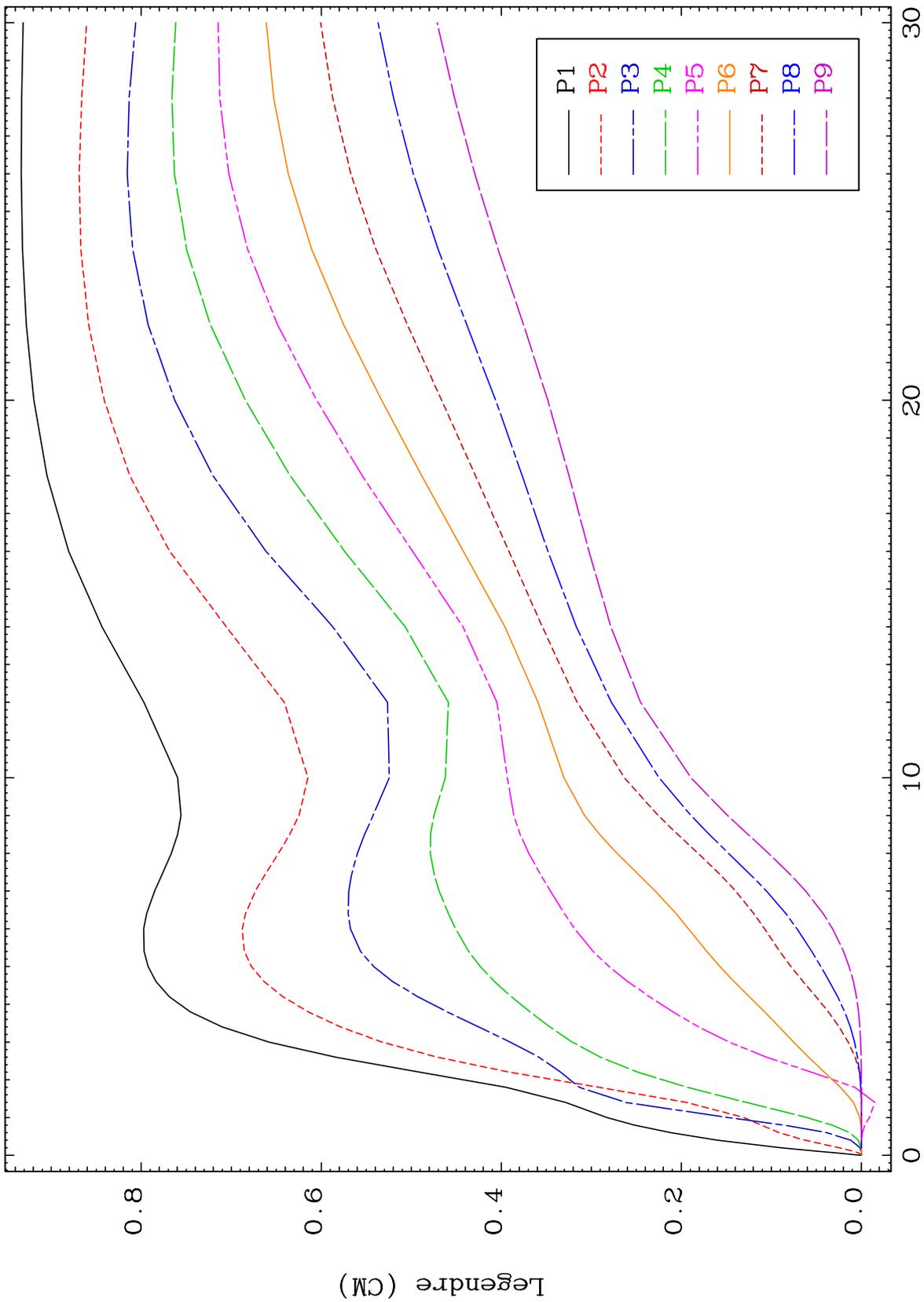
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15

MAT 8598

86-Rn-202

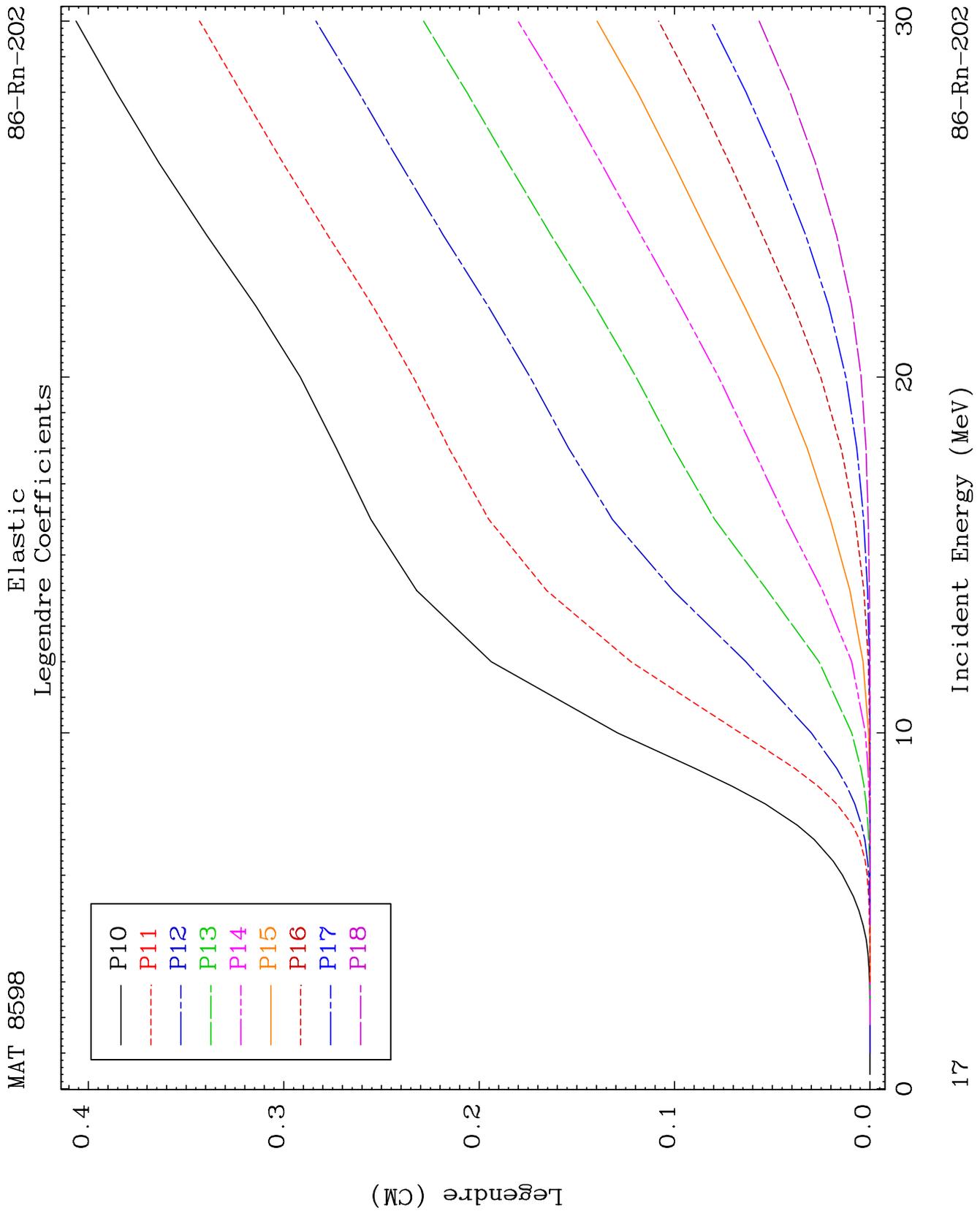
Elastic Legendre Coefficients



16

Incident Energy (MeV)

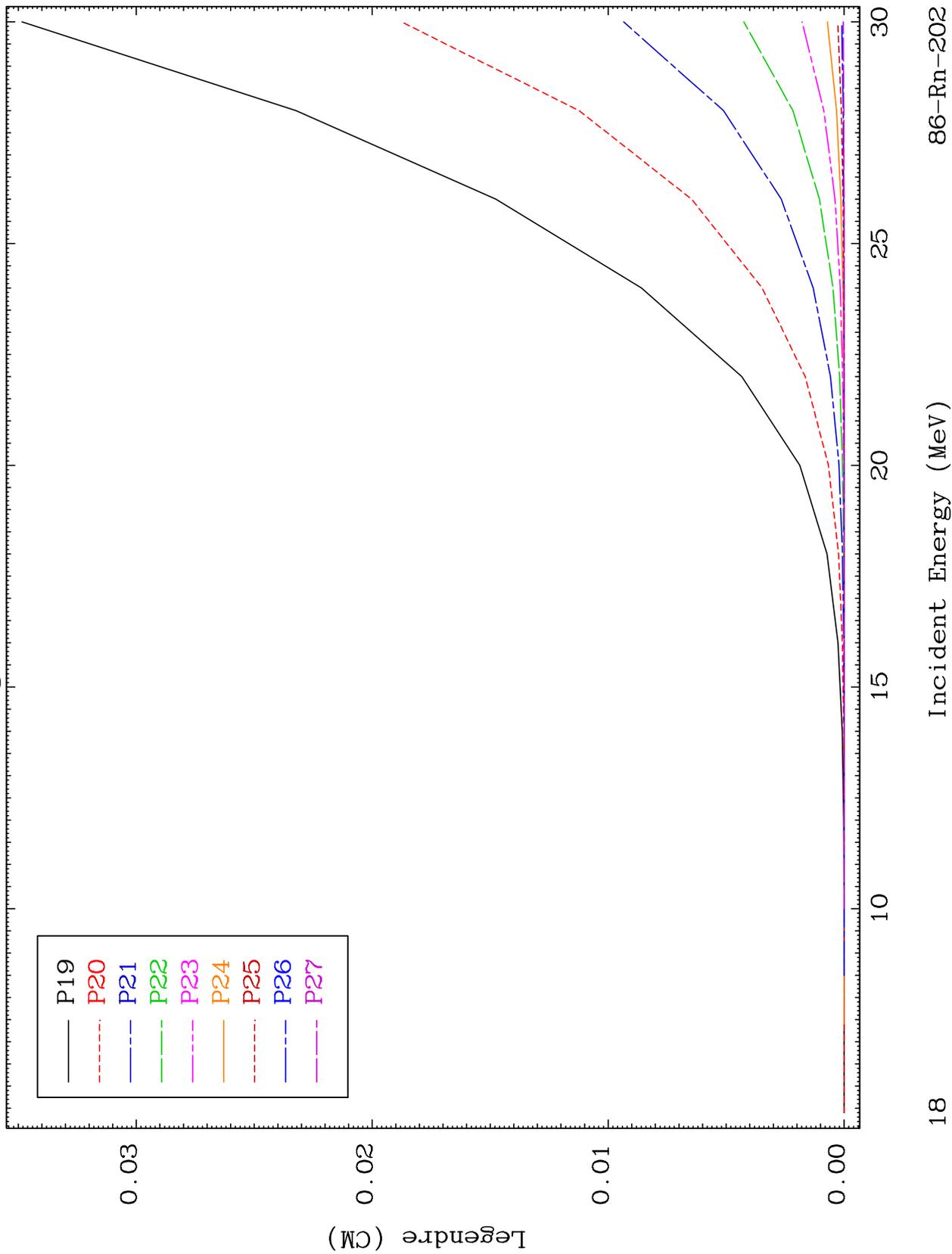
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MAT 8598

Elastic Legendre Coefficients

86-Rn-202



18

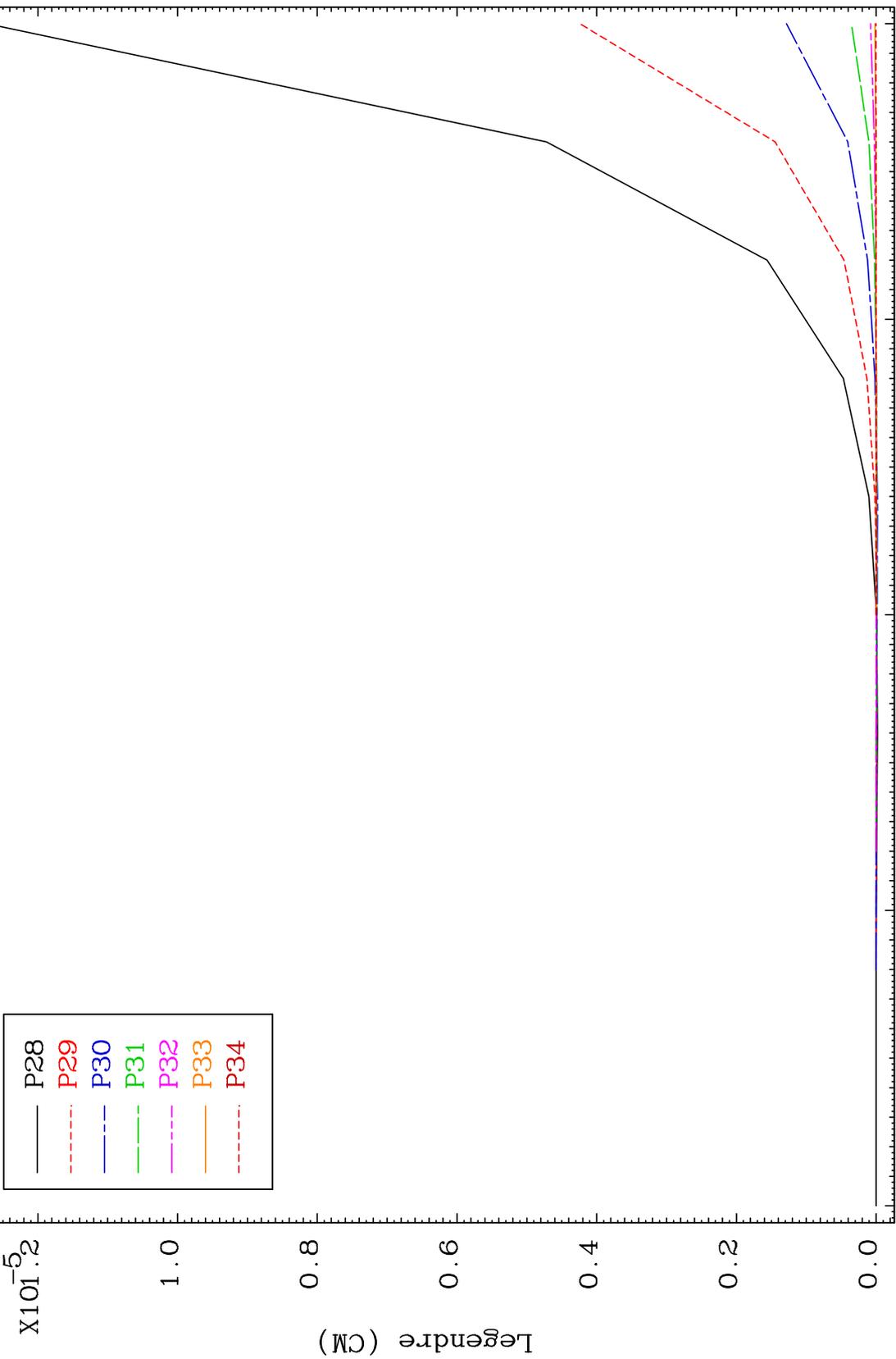
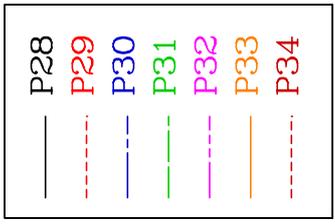
Incident Energy (MeV)

86-Rn-202

MAT 8598

Elastic Legendre Coefficients

86-Rn-202



19

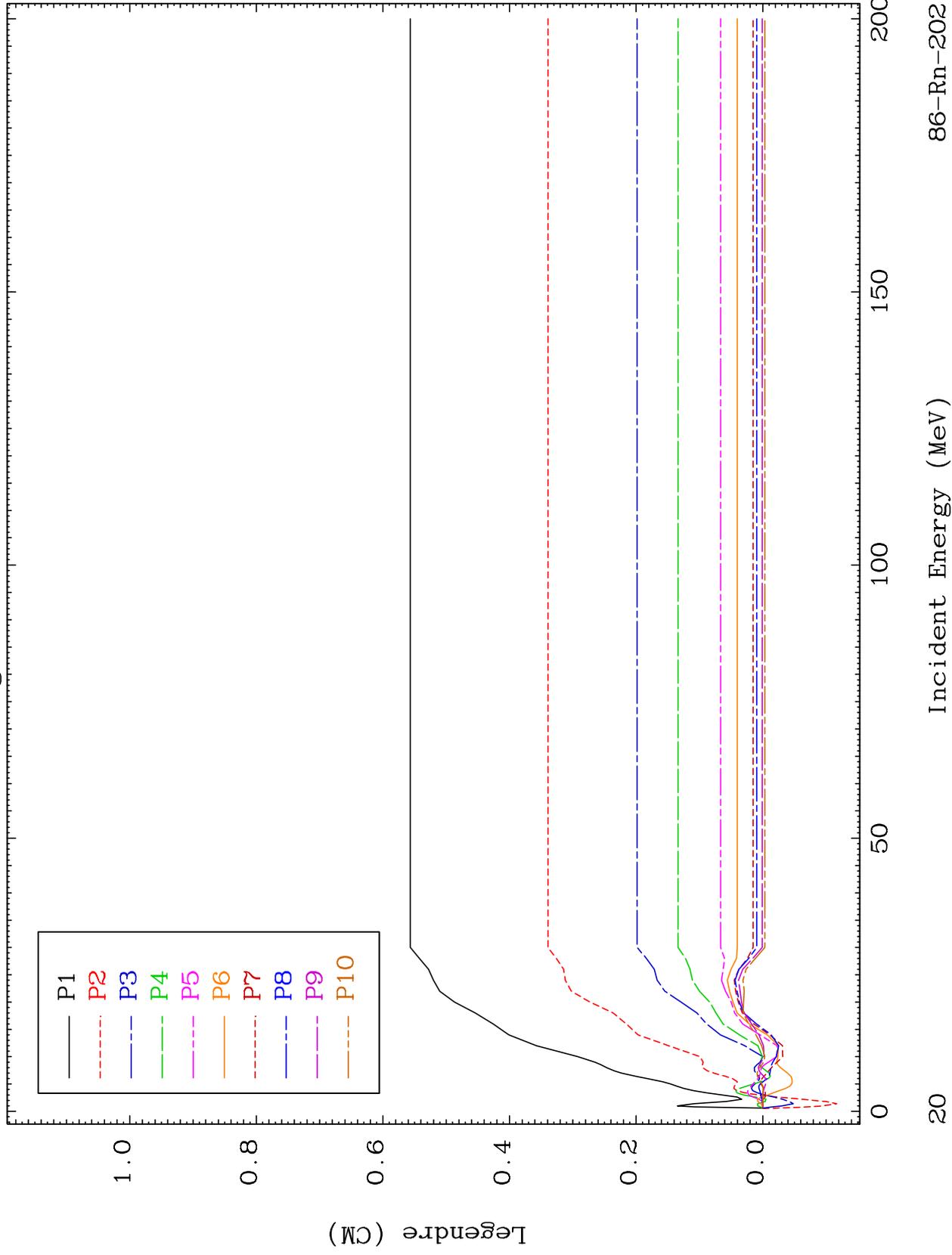
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

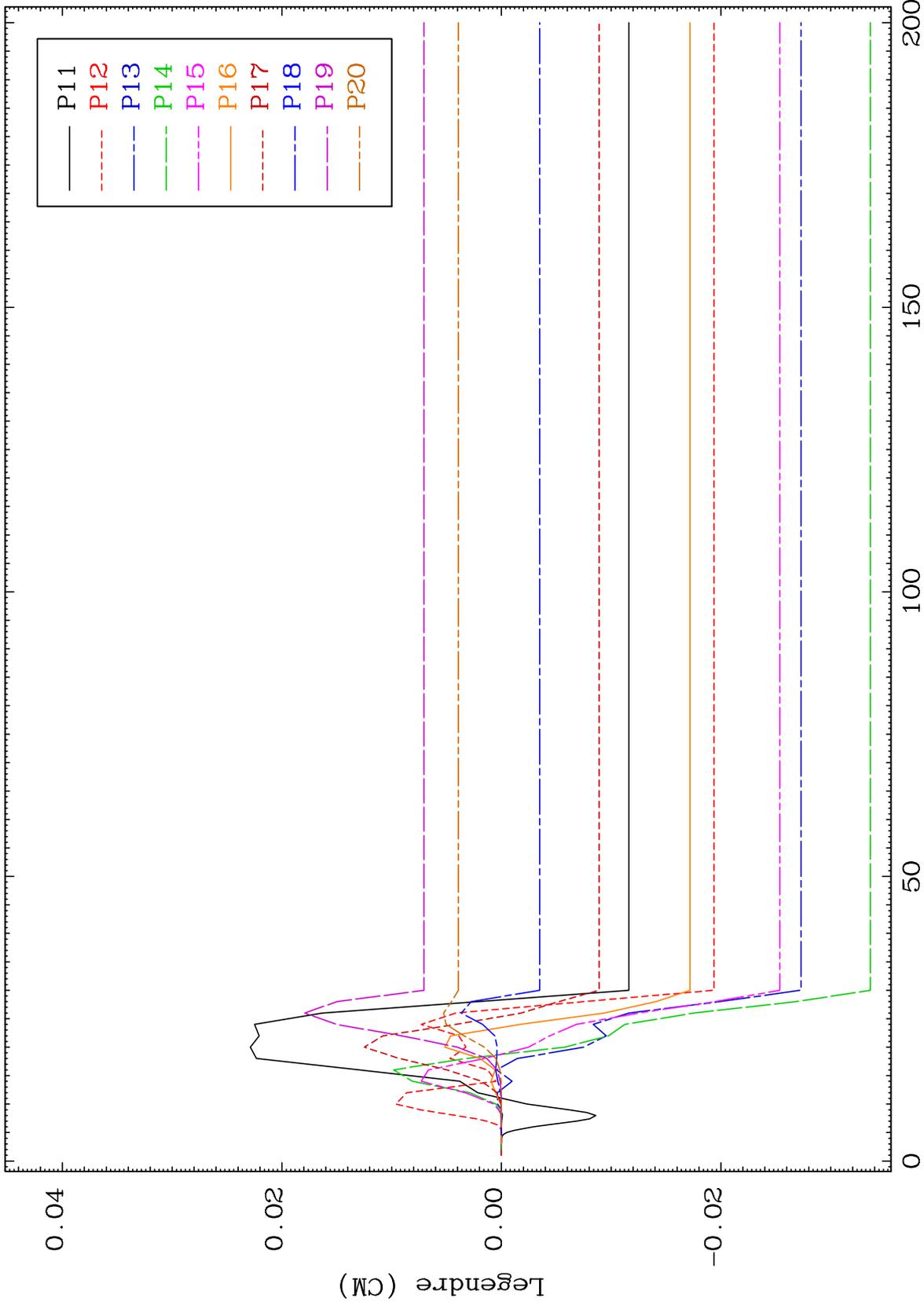
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MAT 8598

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

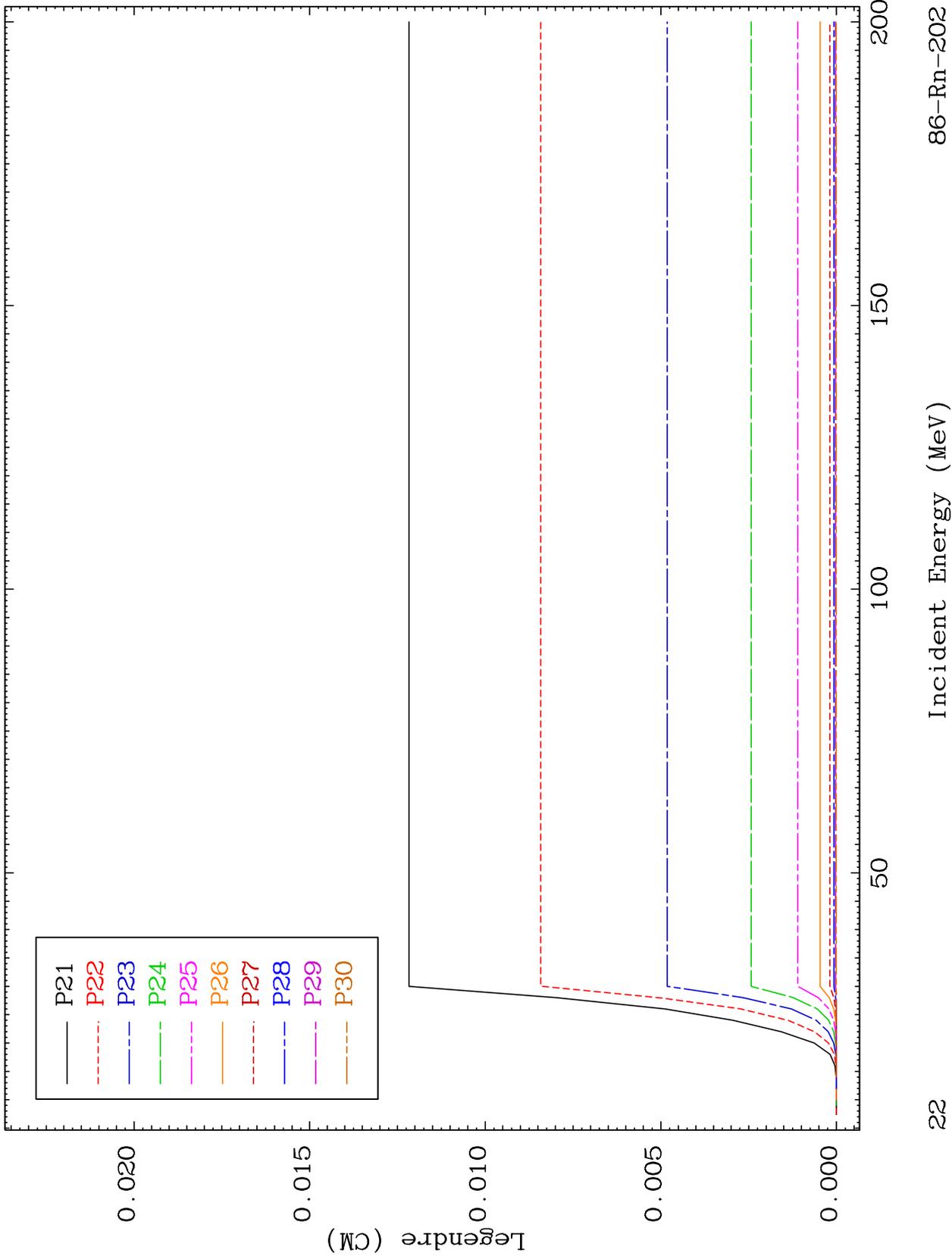
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21

Incident Energy (MeV)

86-Rn-202



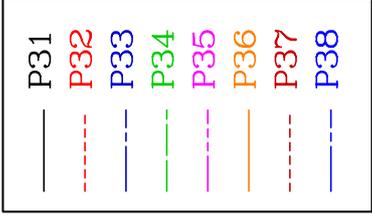
MAT 8598

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

86-Rn-202

$\times 10^{-6}$
3

Legendre (CM)



200

150

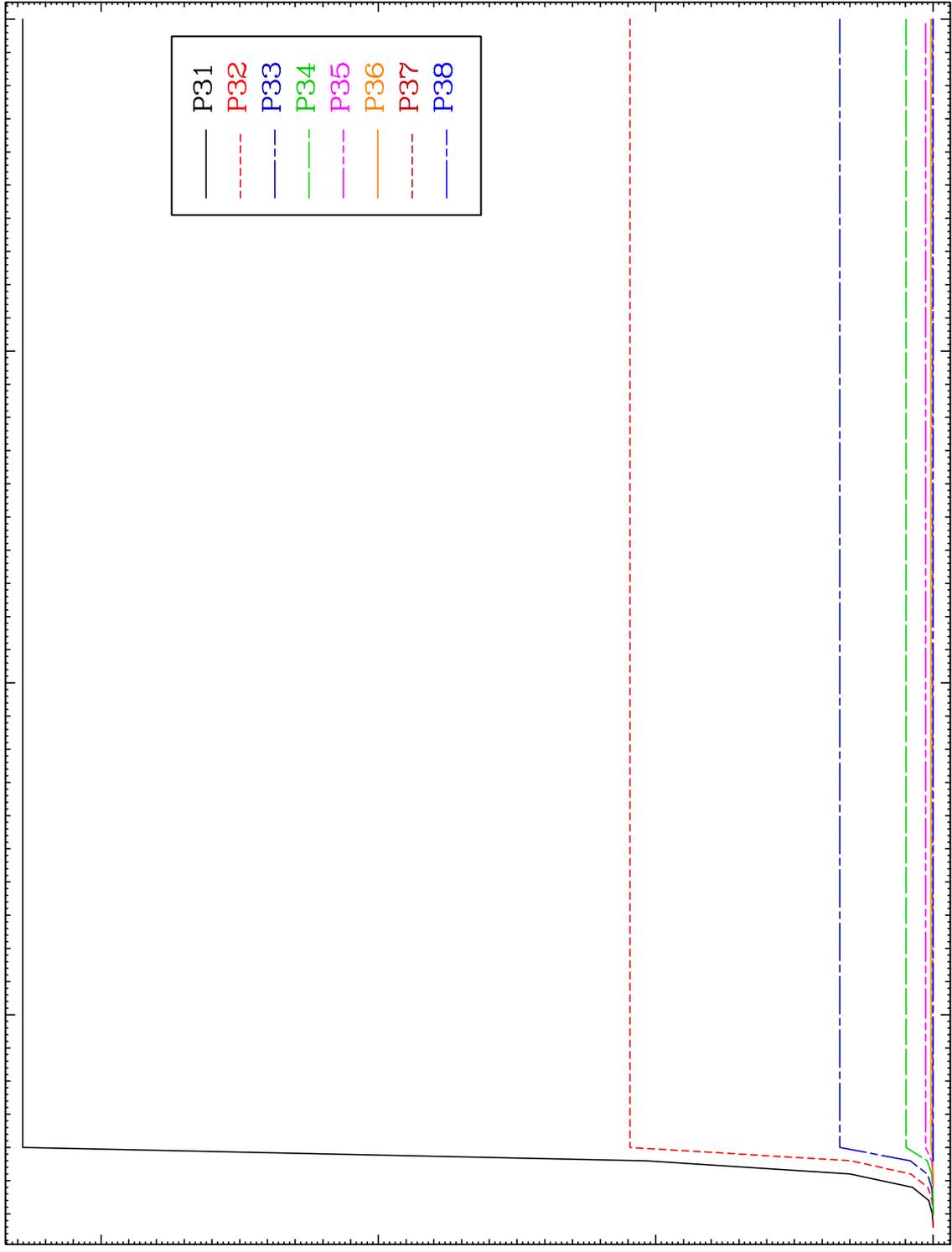
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50

23

Incident Energy (MeV)

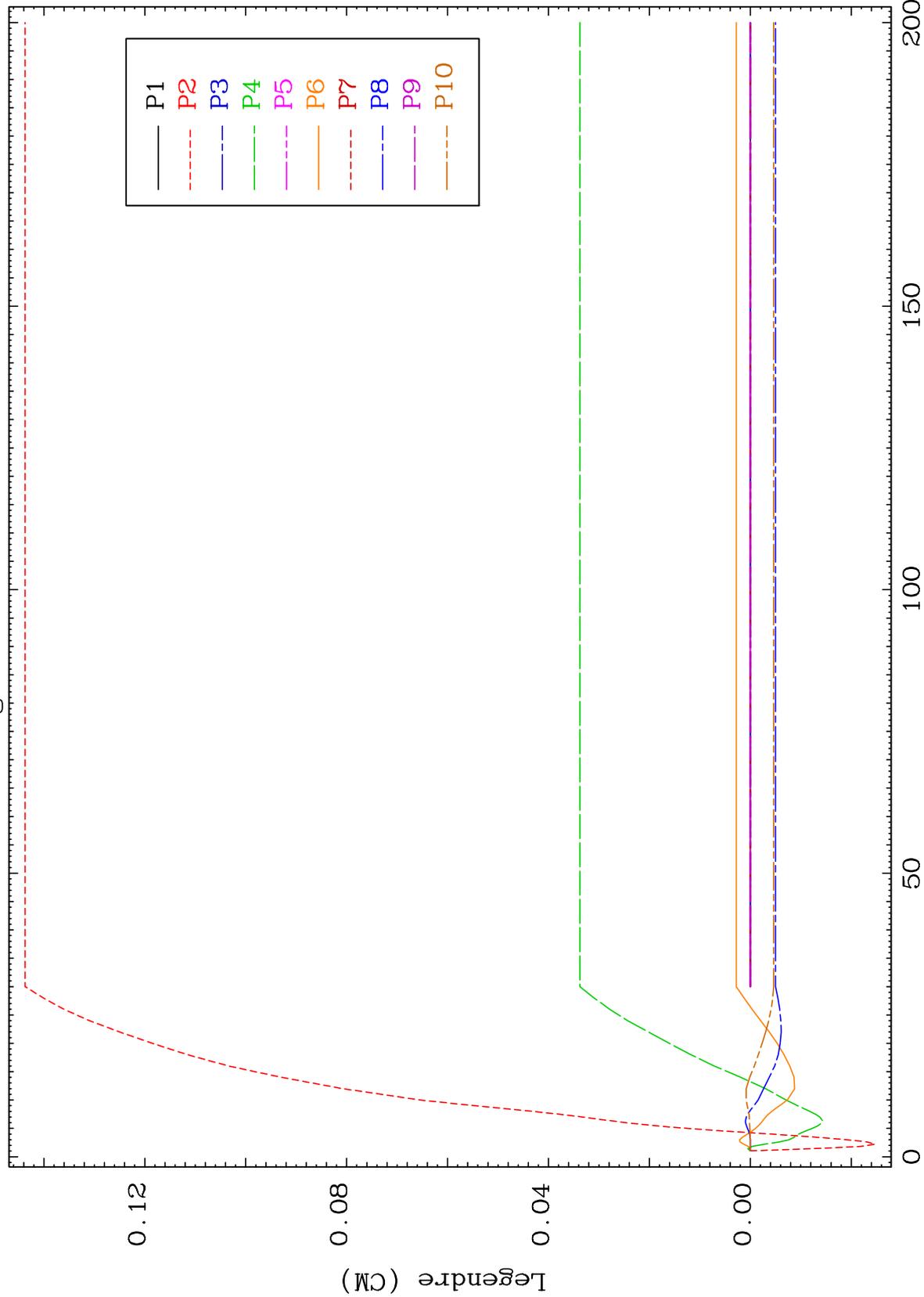
86-Rn-202



MAT 8598

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

86-Rn-202



24

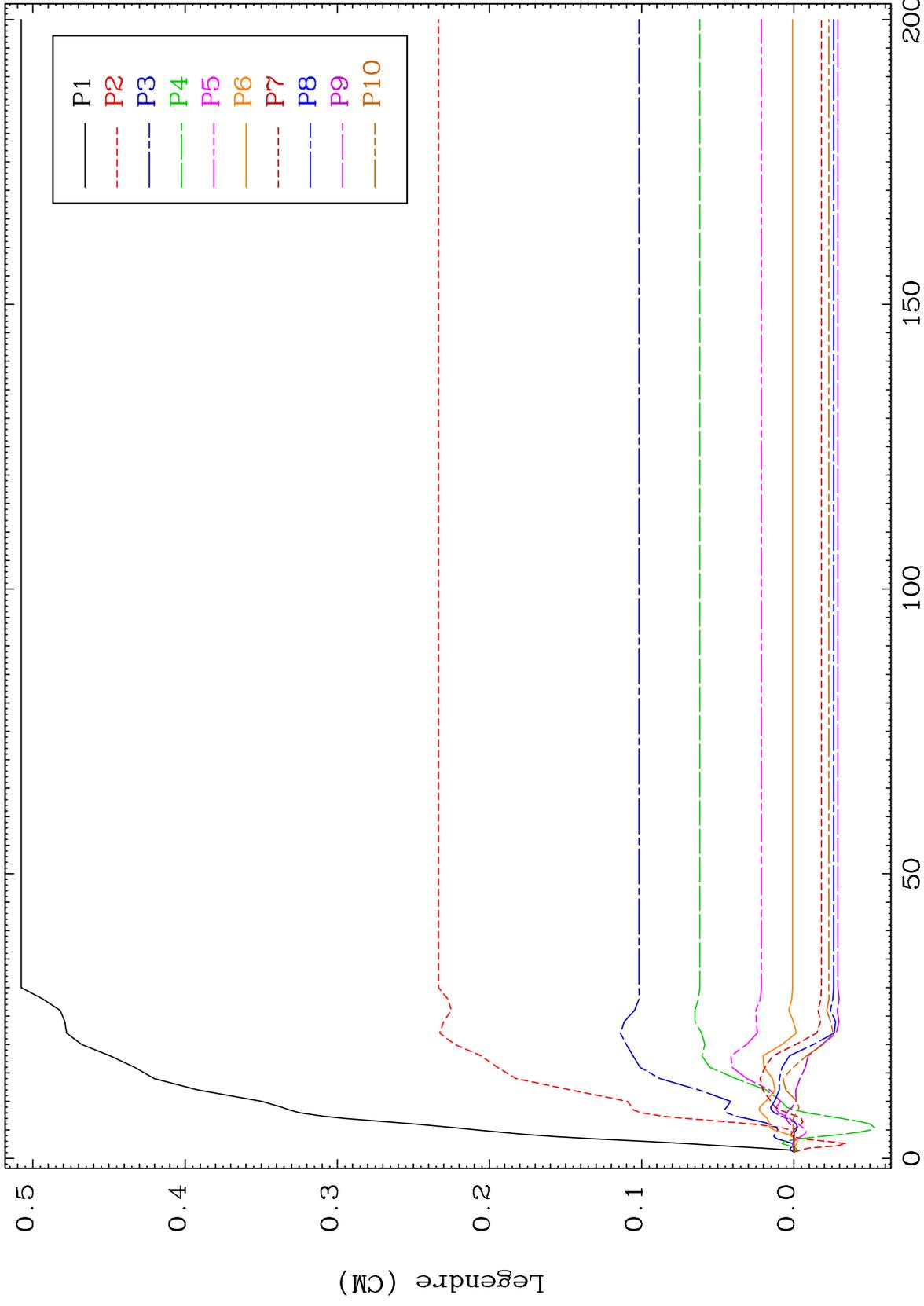
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



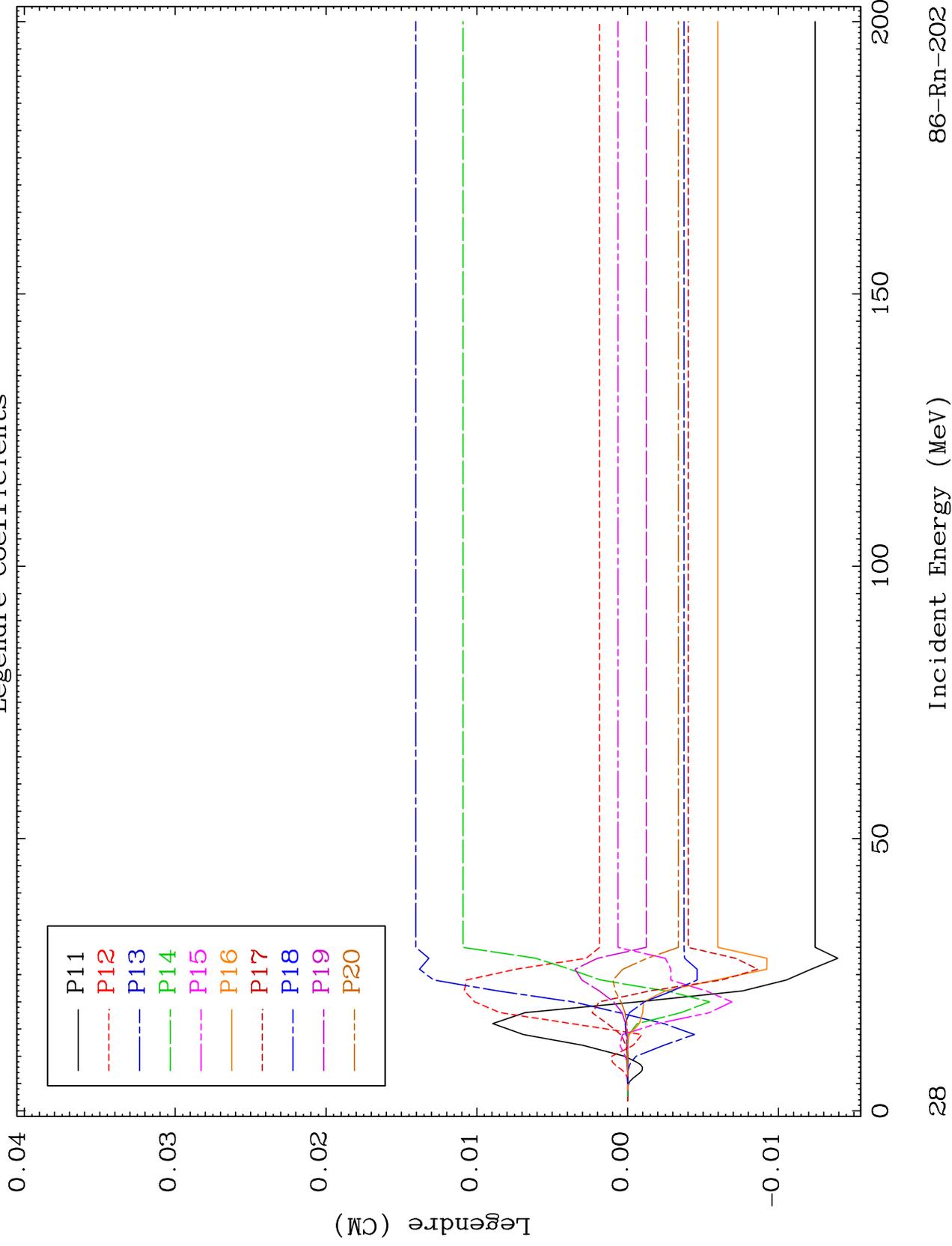
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86-Rn-202

MAT 8598

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

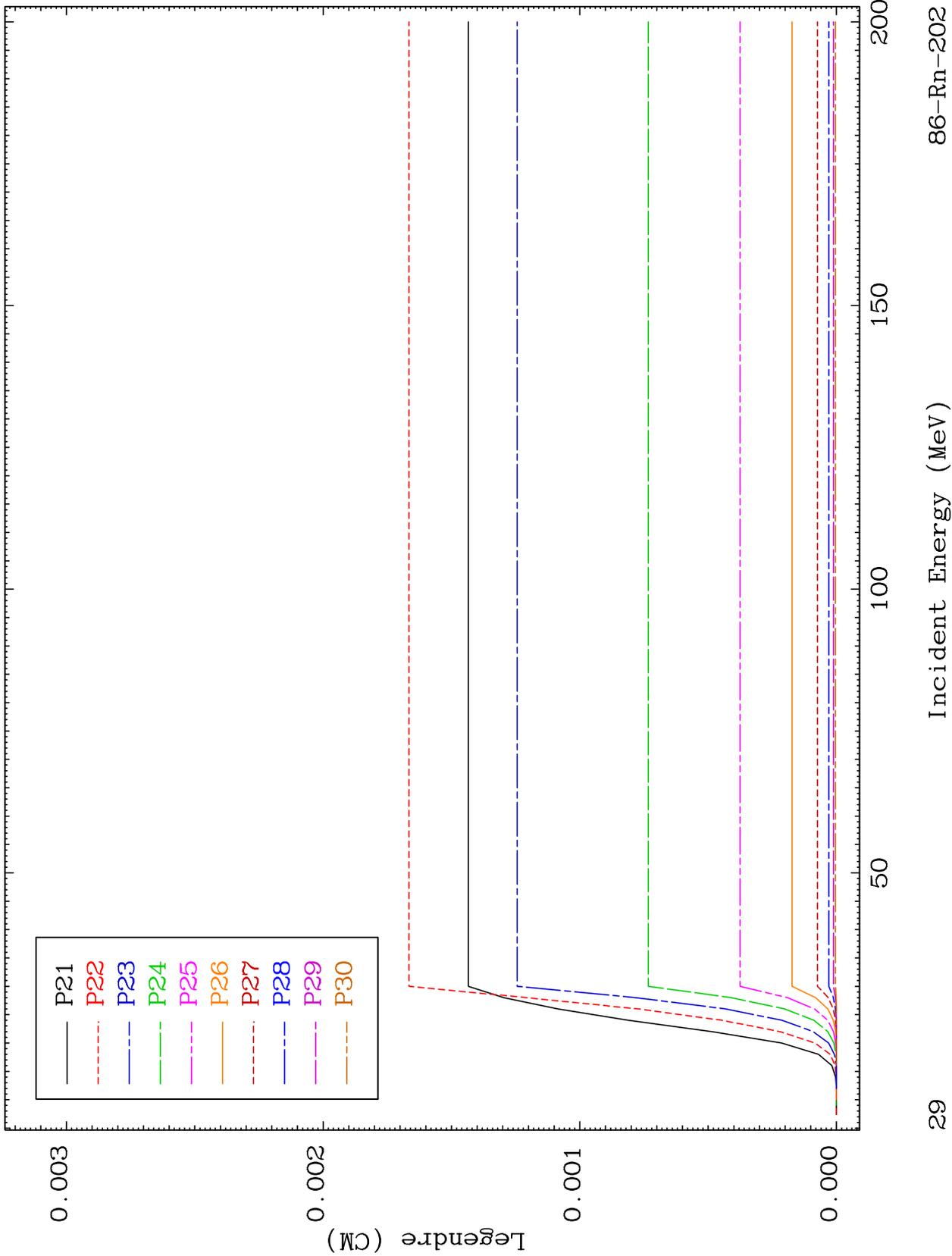
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28

Incident Energy (MeV)

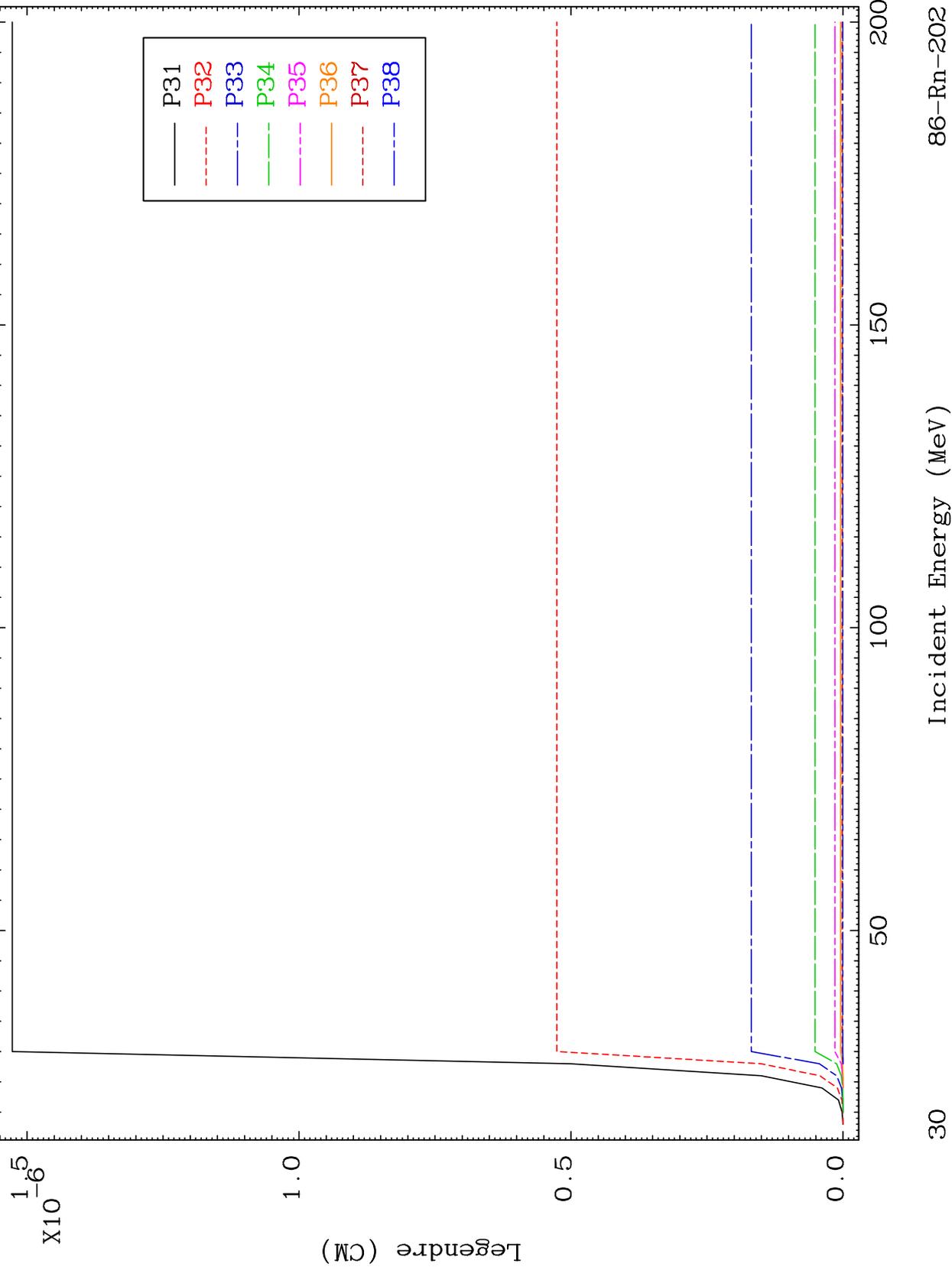
86-Rn-202



MAT 8598

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

86-Rn-202



86-Rn-202

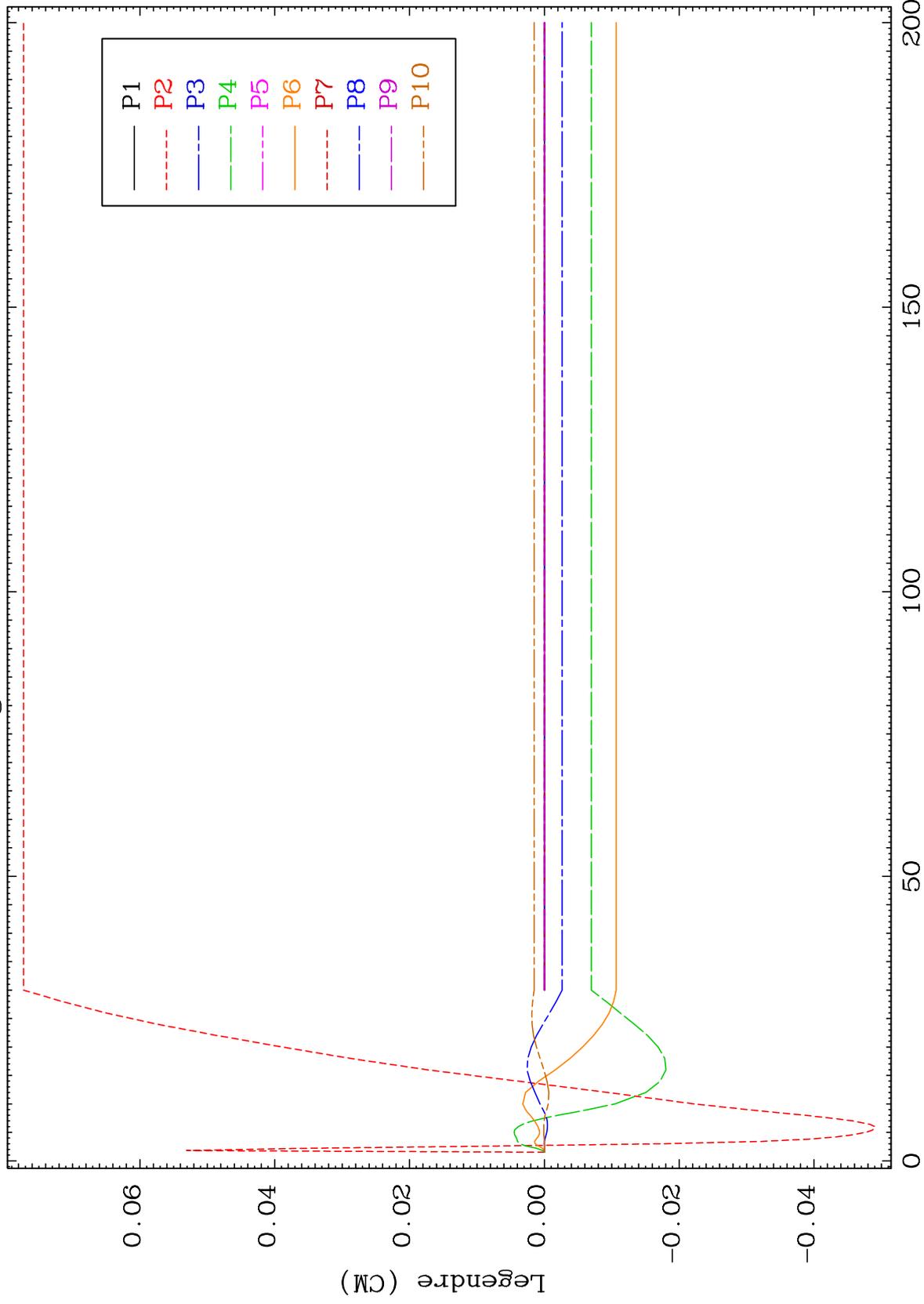
Incident Energy (MeV)

30

MAT 8598

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

86-Rn-202



86-Rn-202

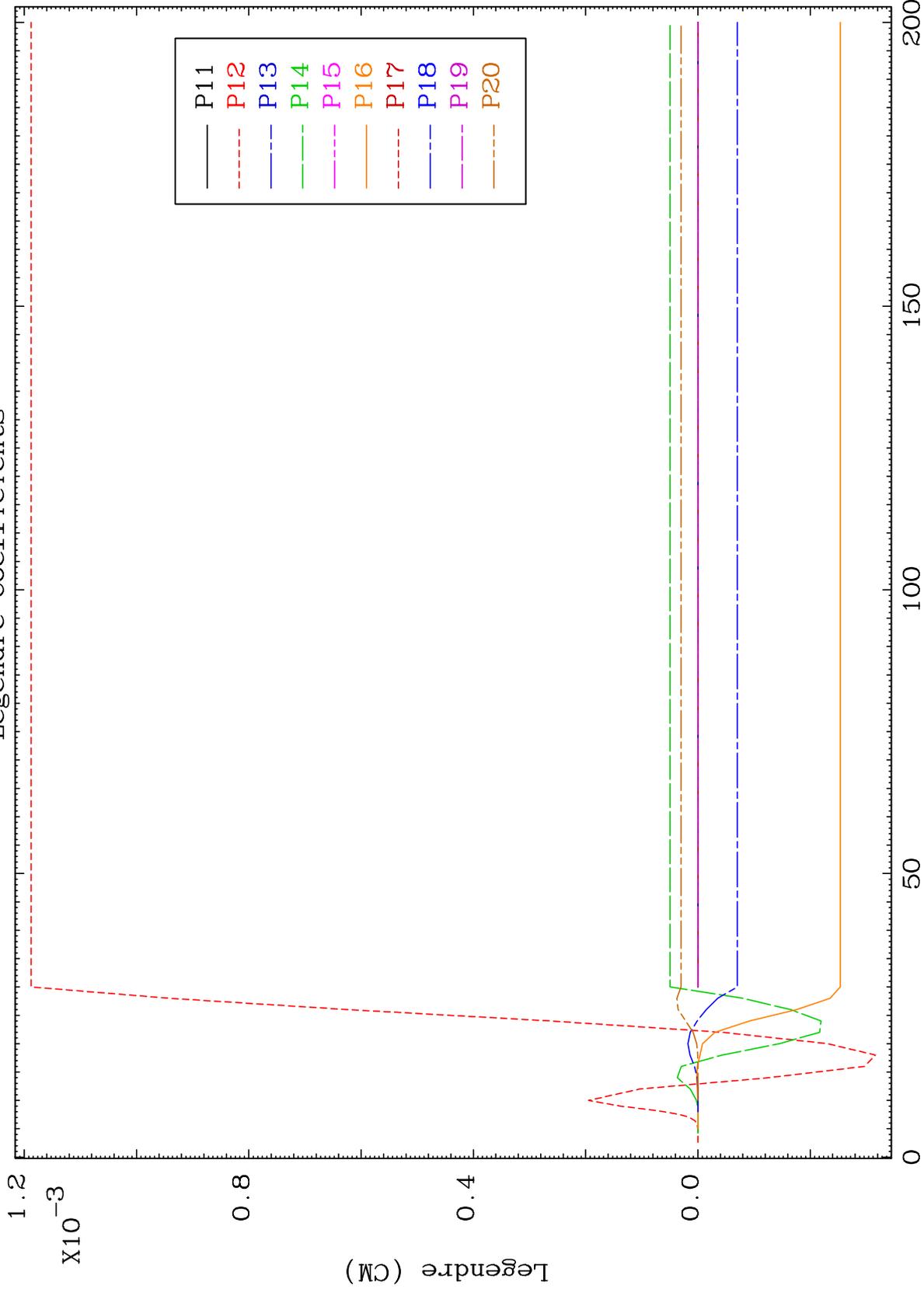
Incident Energy (MeV)

31

MAT 8598

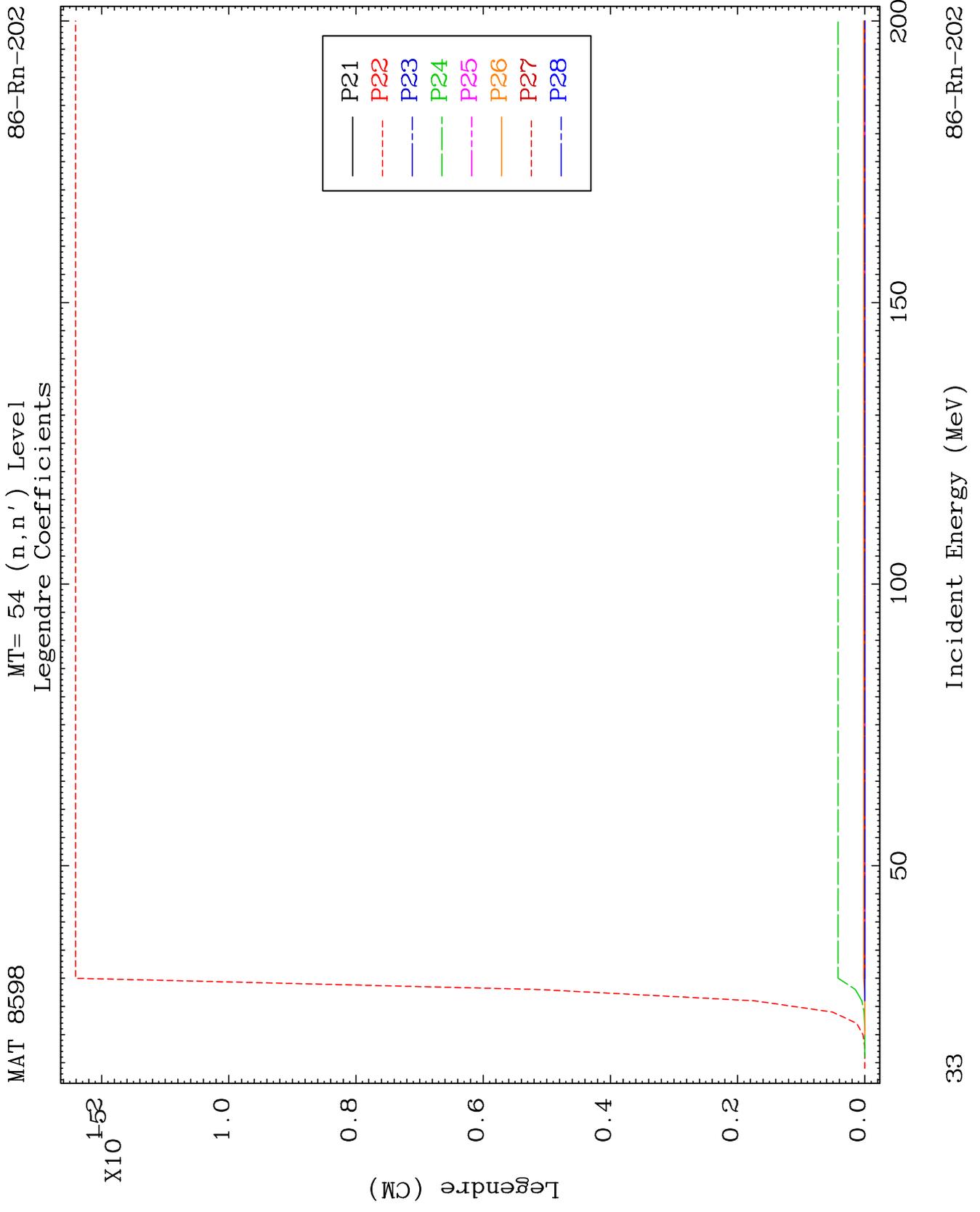
MT= 54 (n,n') Level
Legendre Coefficients

86-Rn-202



32

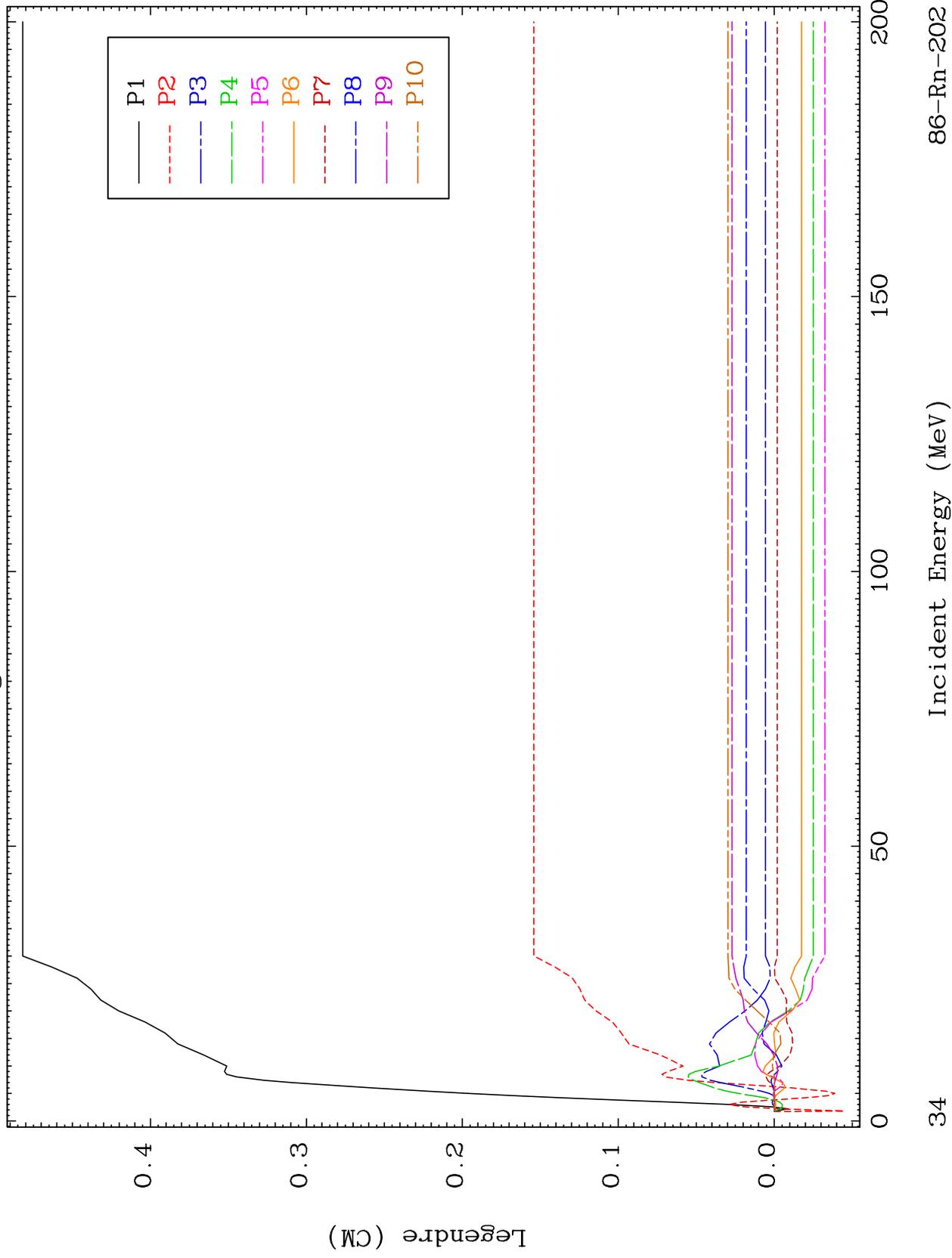
86-Rn-202



MAT 8598

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

86-Rn-202



86-Rn-202

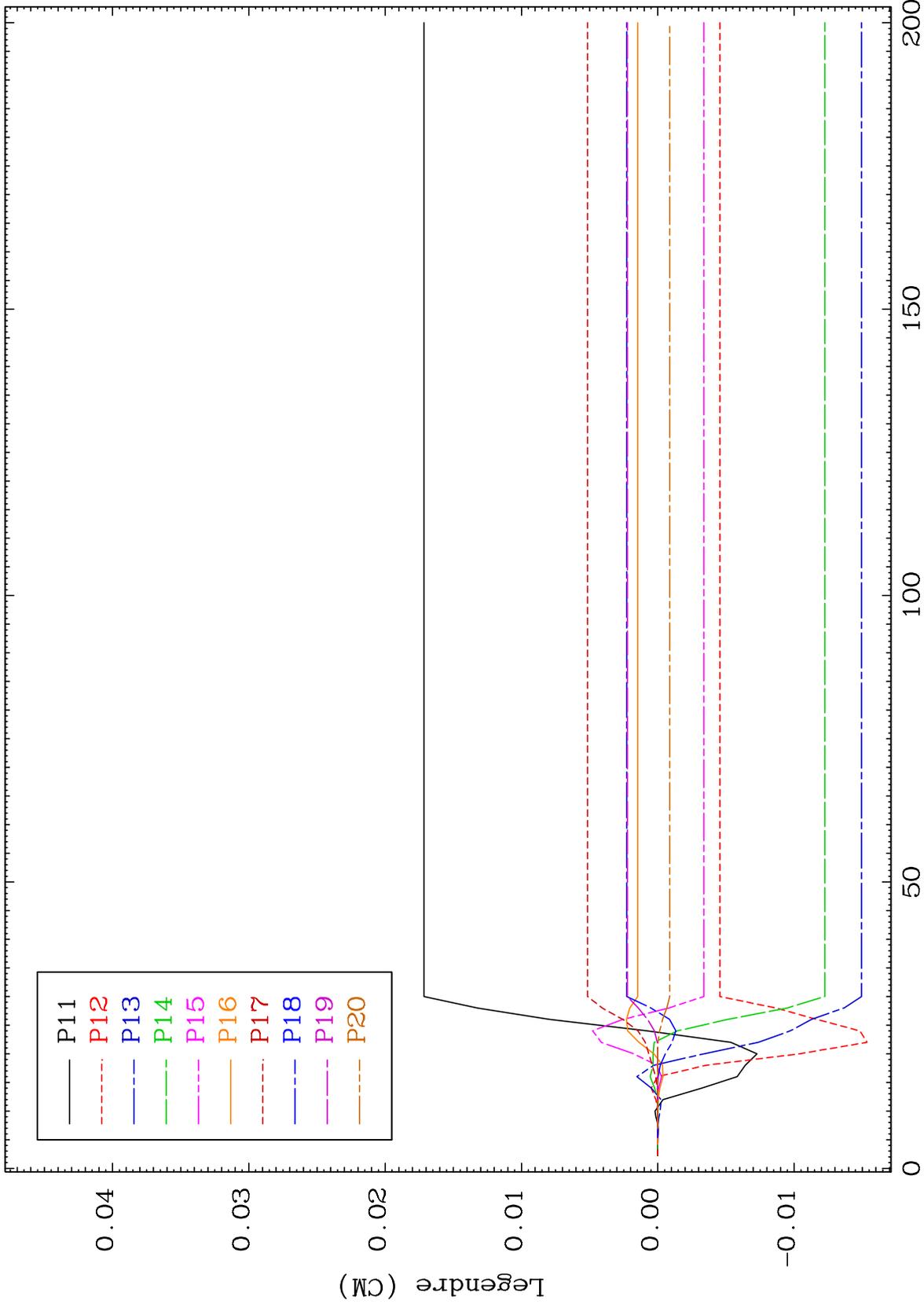
Incident Energy (MeV)

34

MAT 8598

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

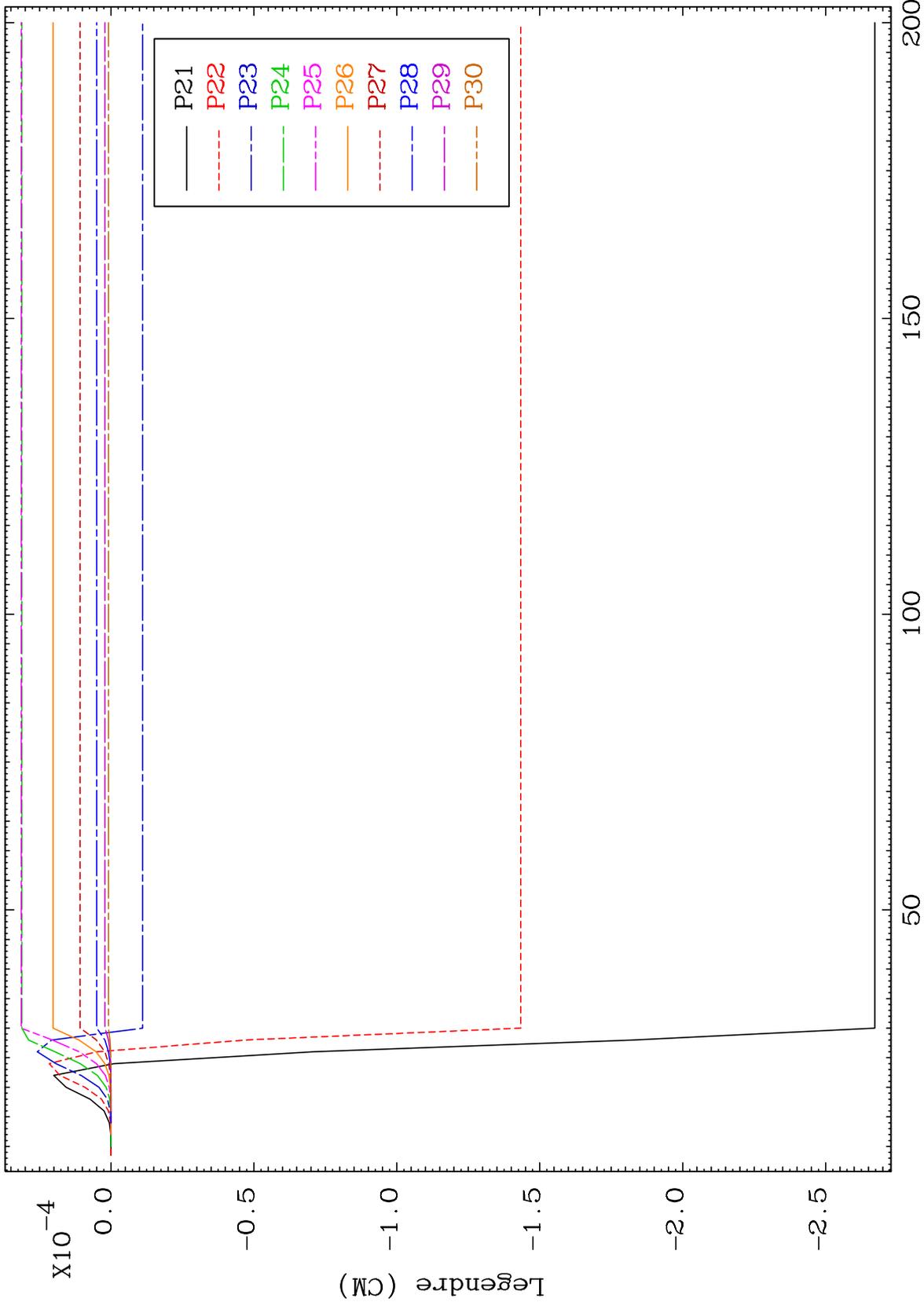
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35

Incident Energy (MeV)

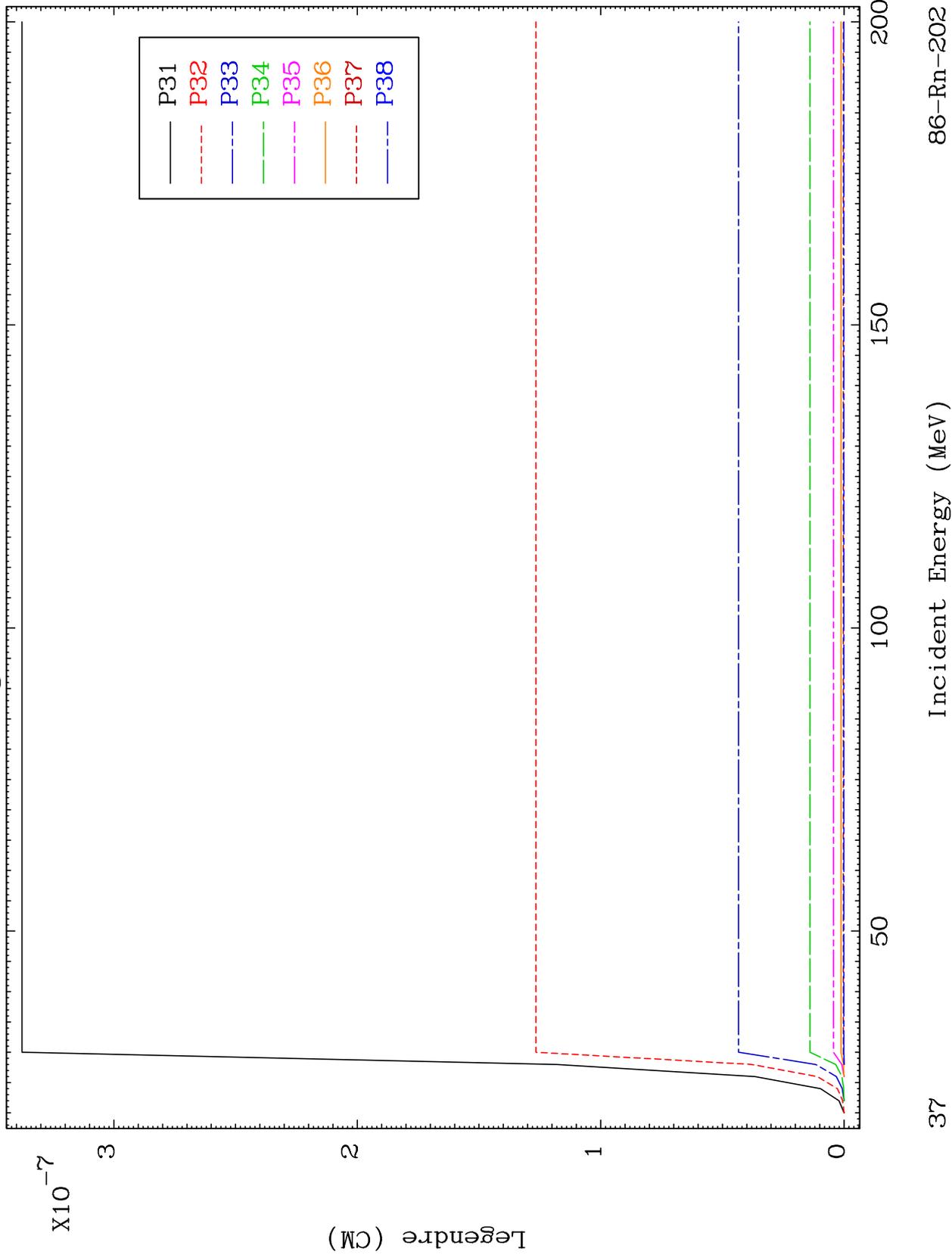
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MAT 8598

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

86-Rn-202



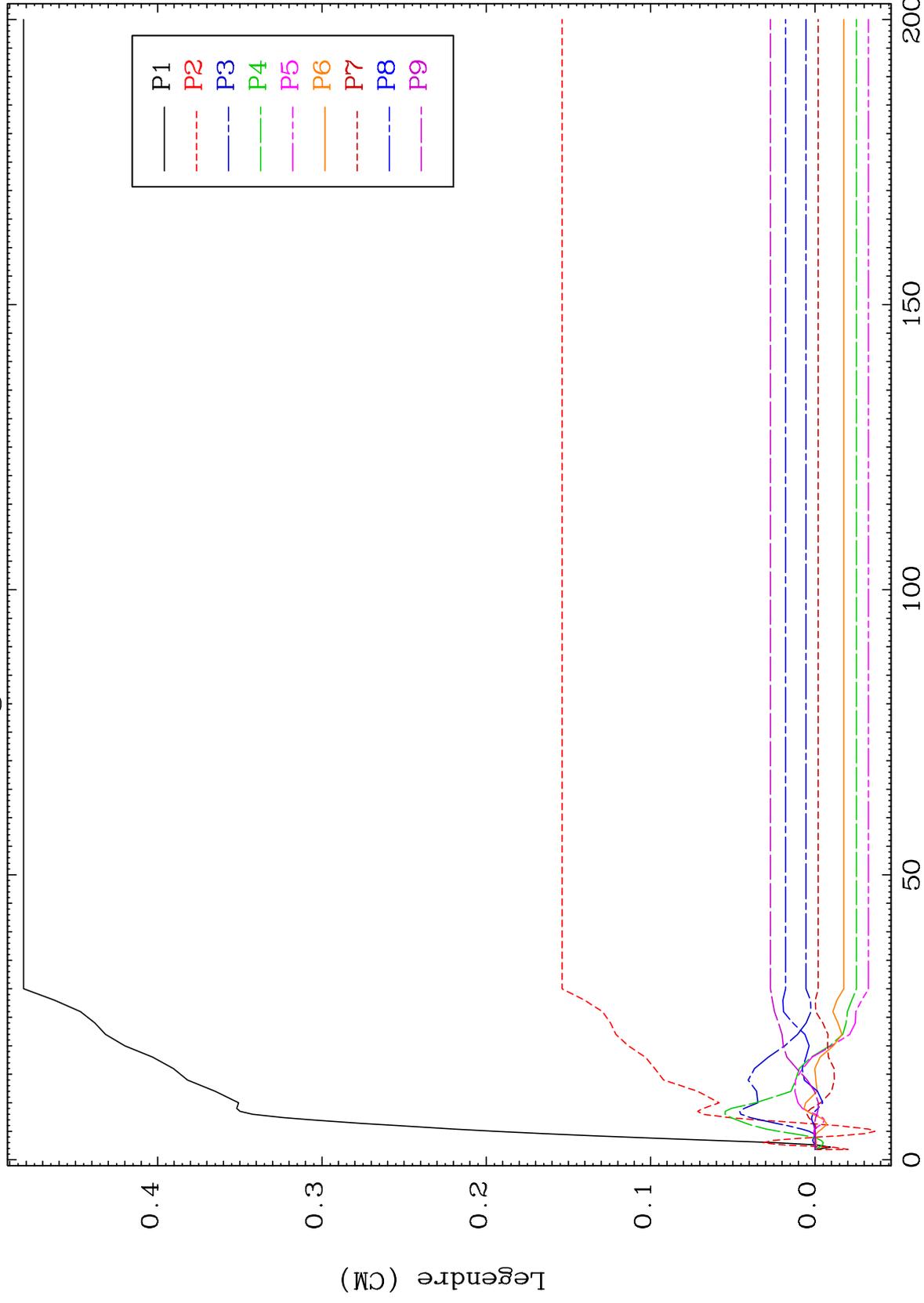
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86-Rn-202

MAT 8598

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

86-Rn-202



38

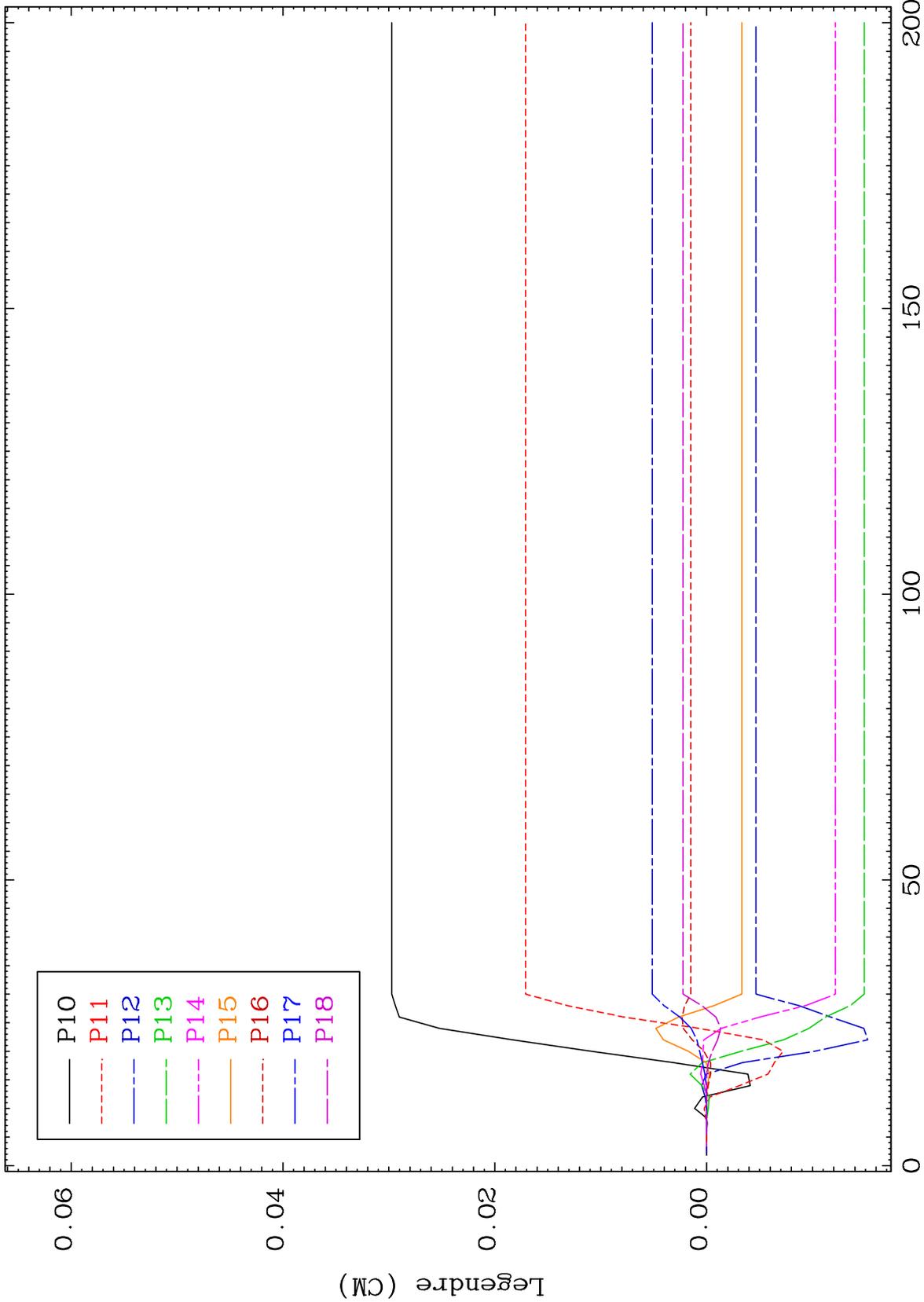
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



39

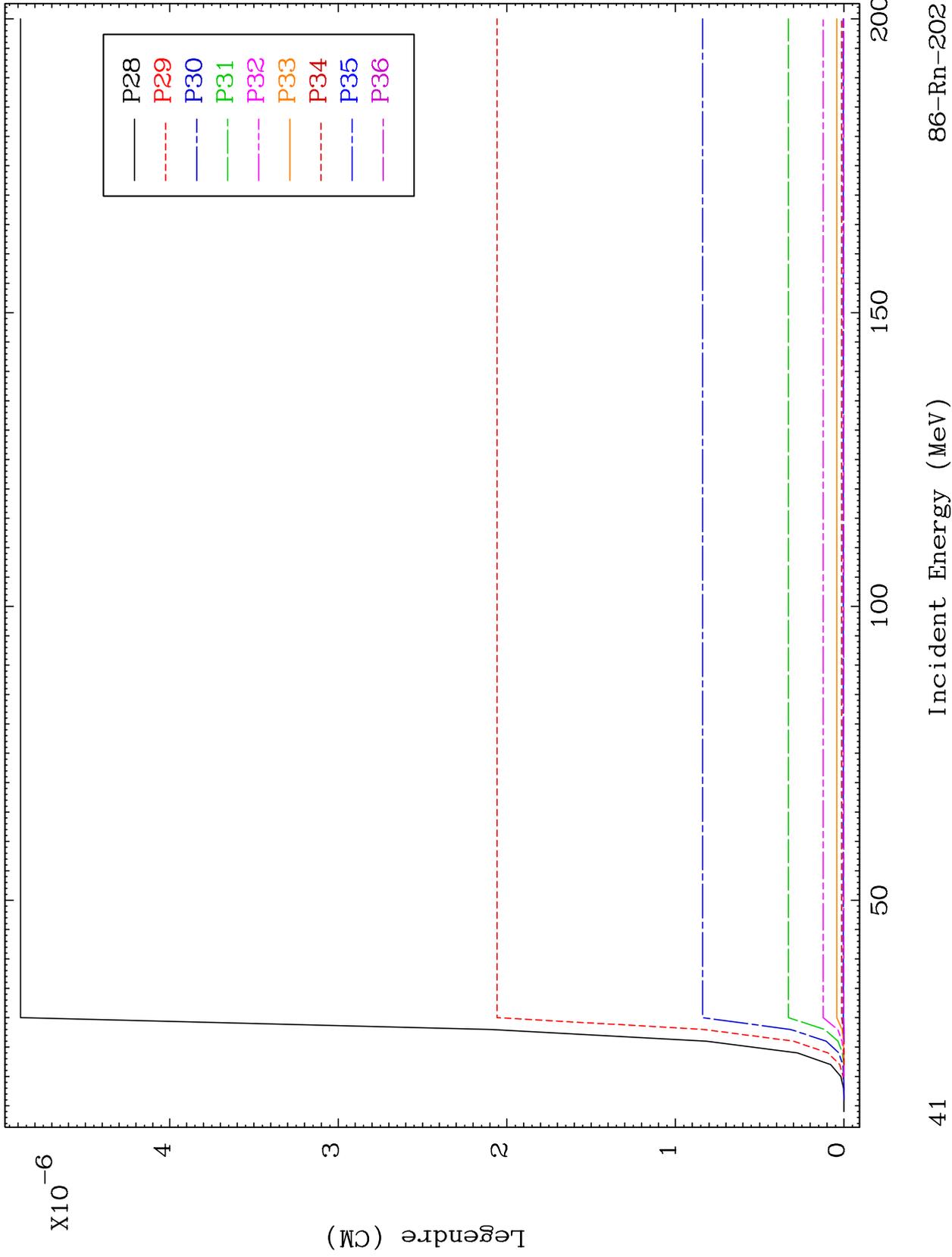
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

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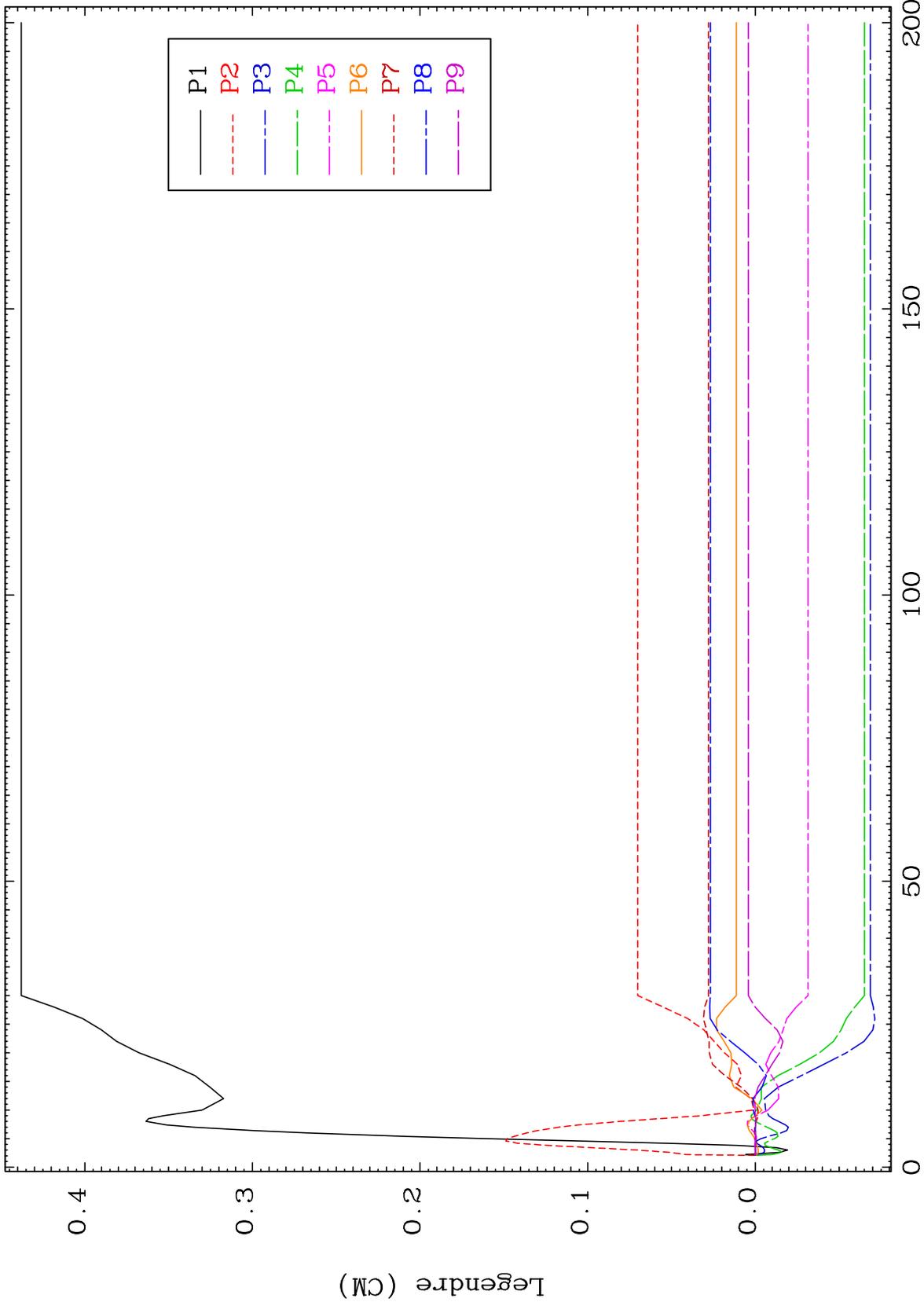


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MAT 8598

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

86-Rn-202



42

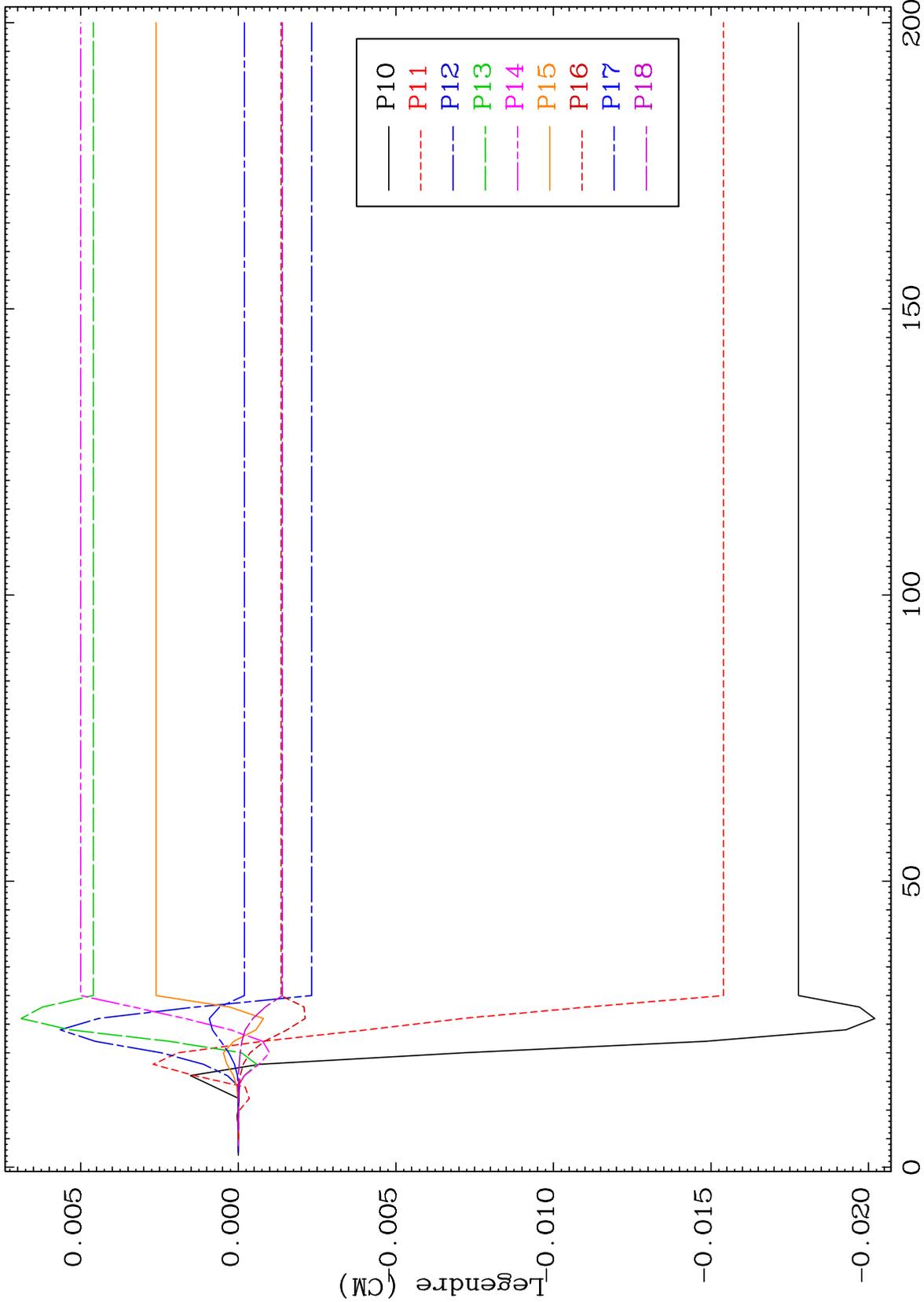
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



43

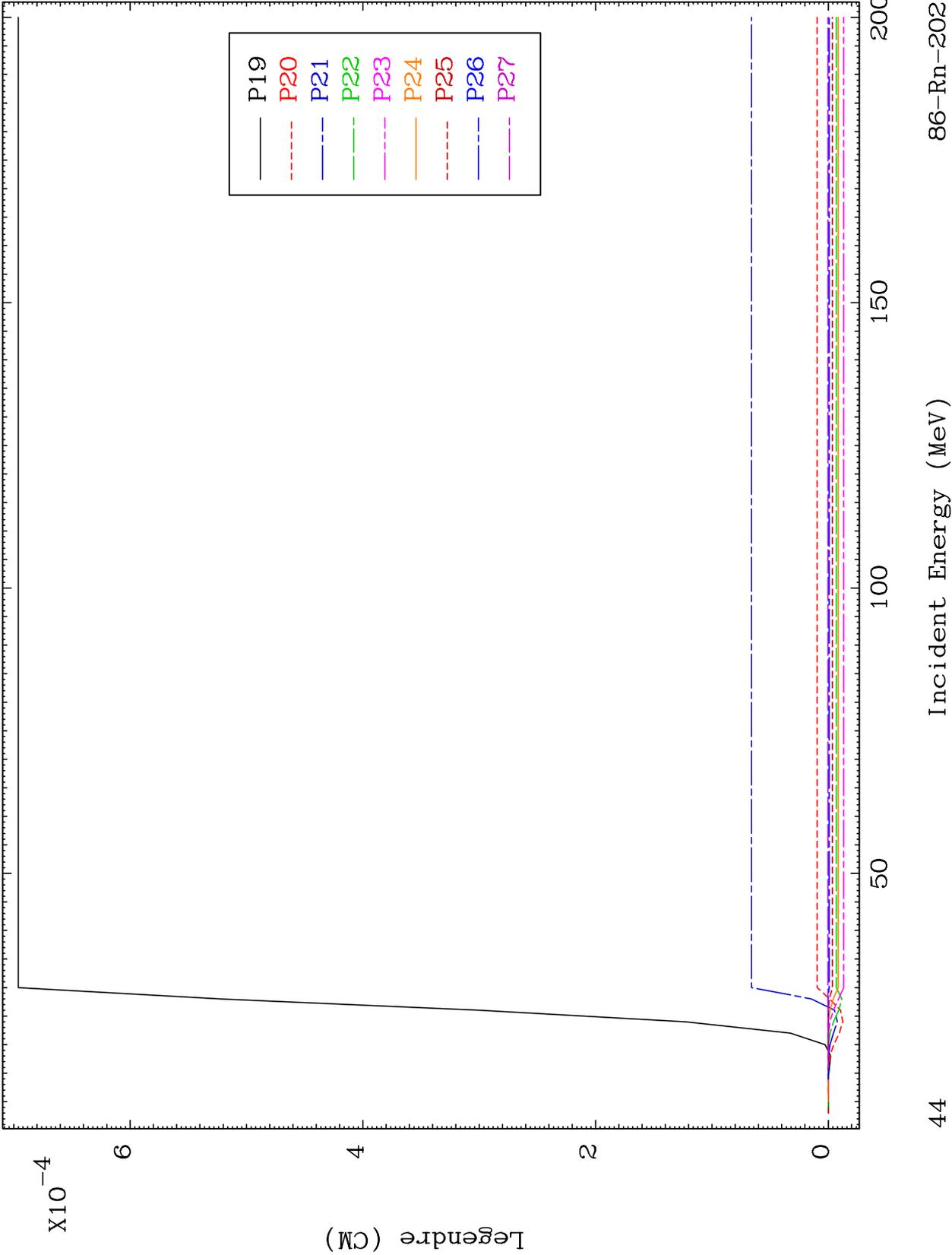
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



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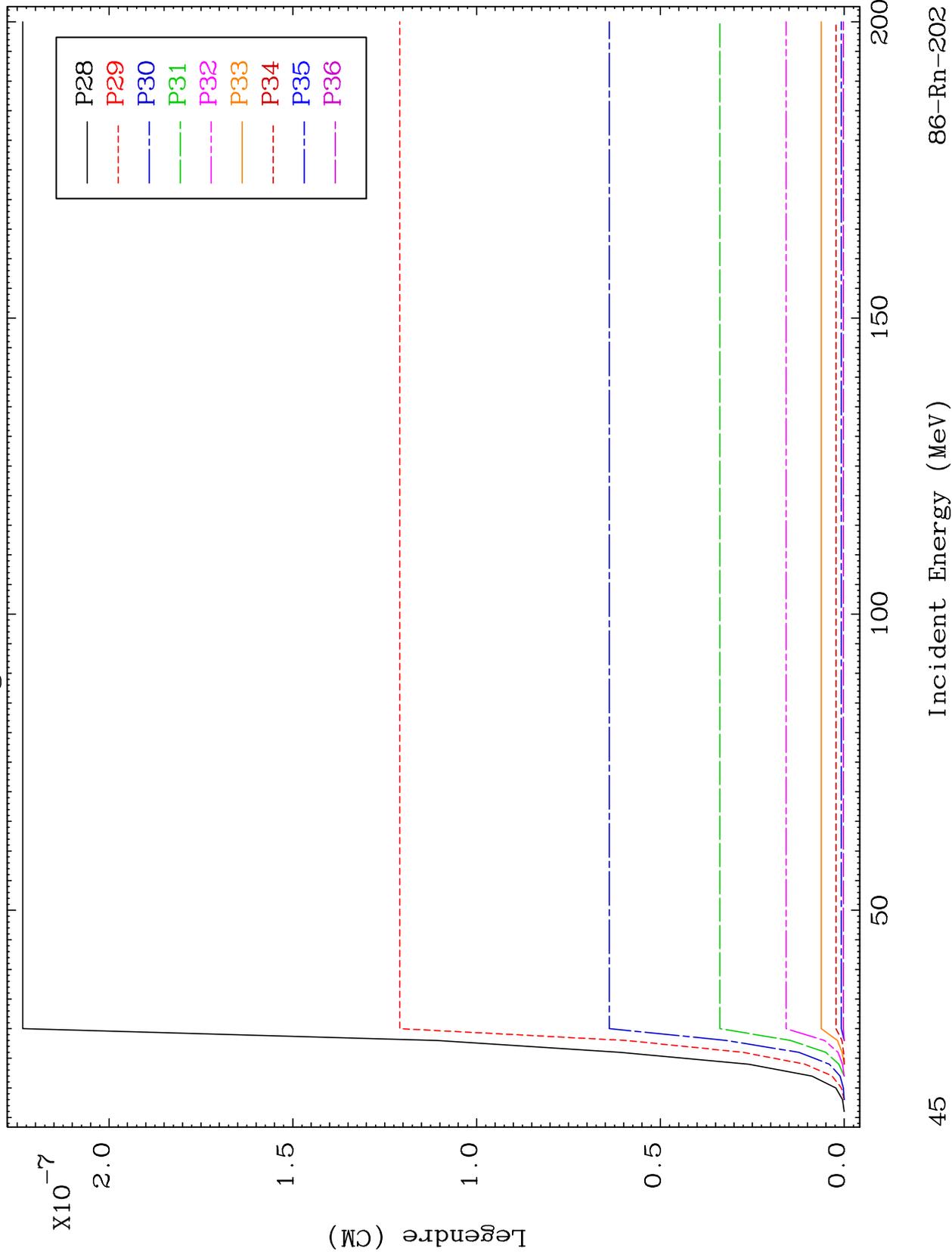
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



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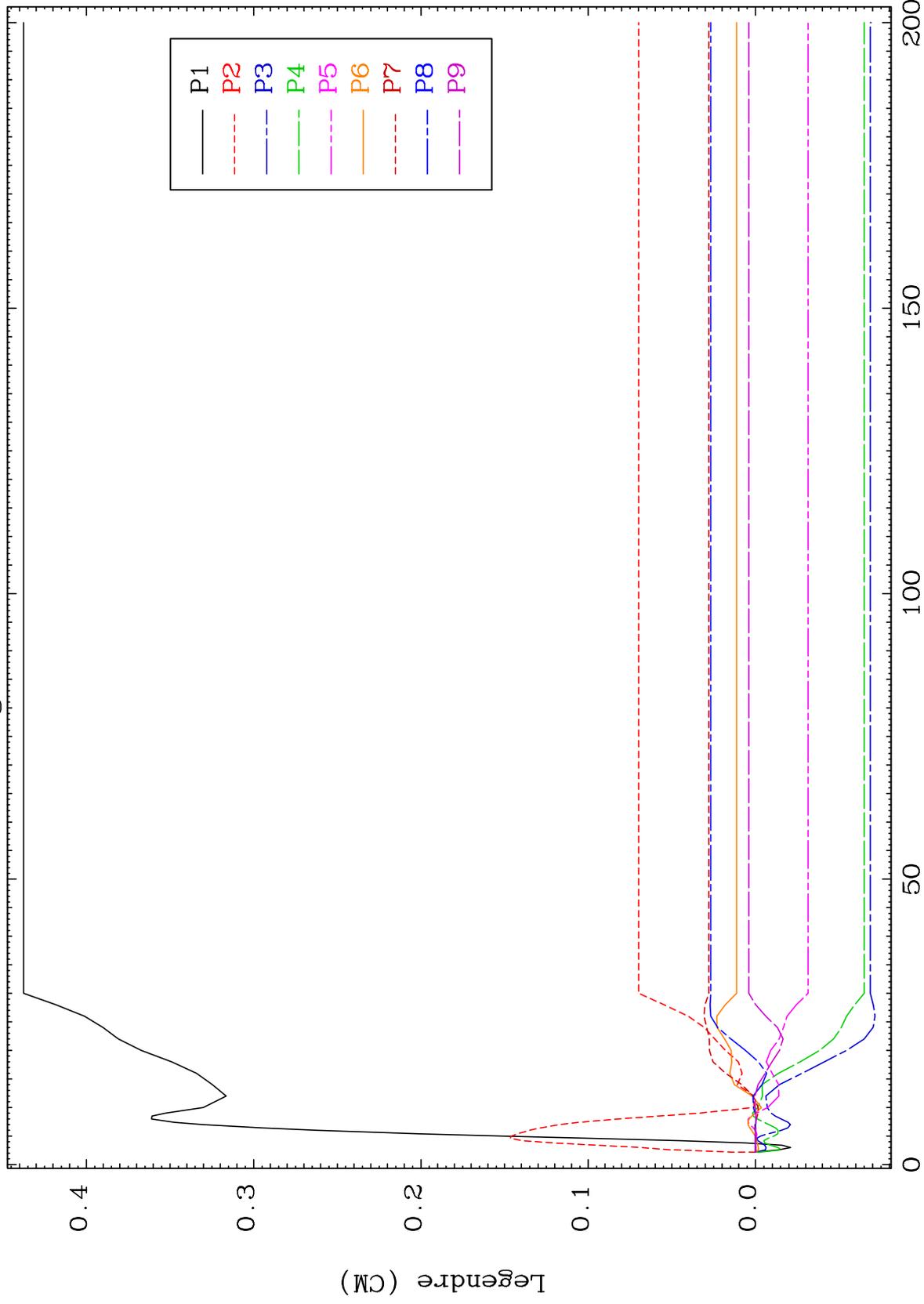
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



46

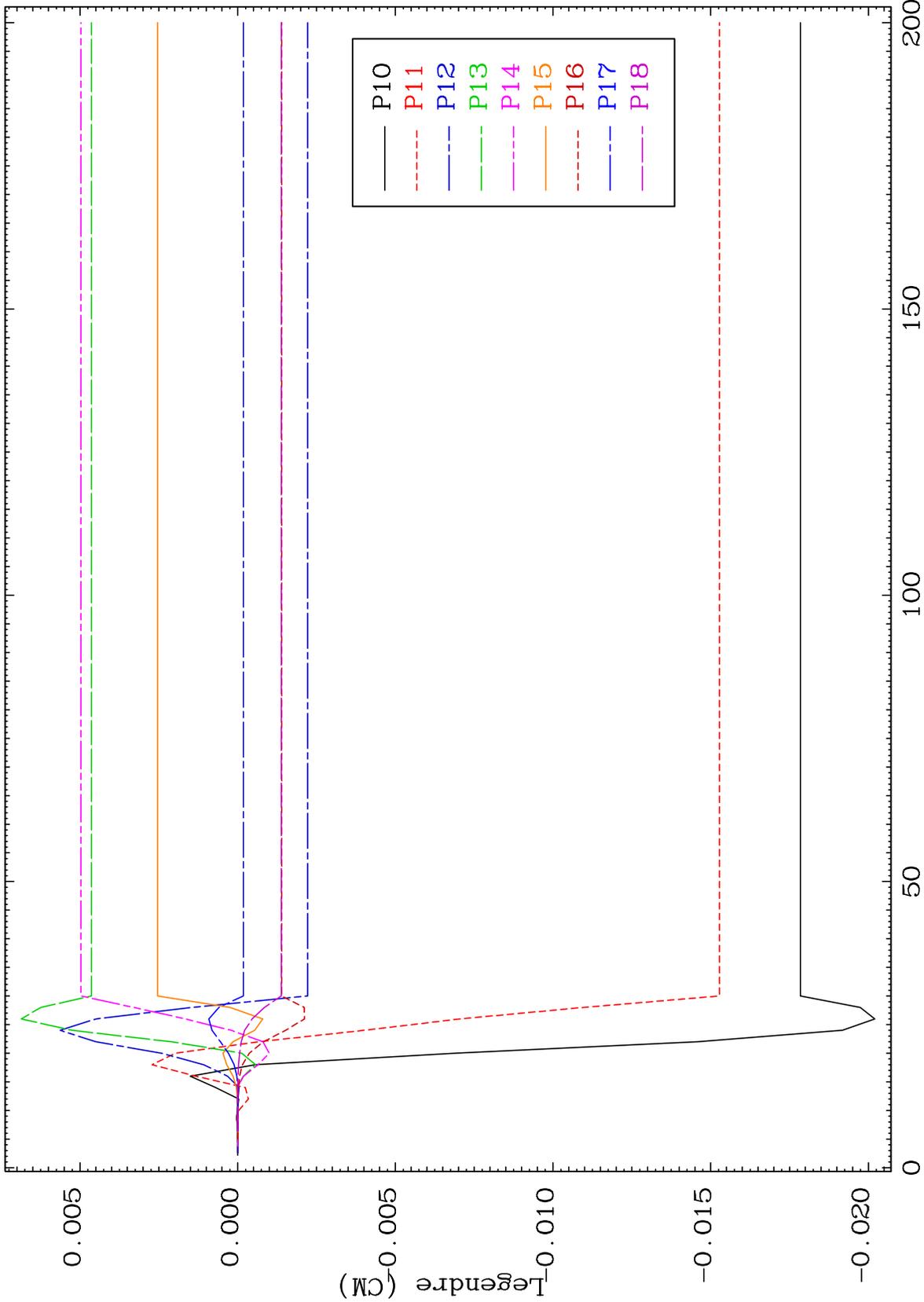
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



47

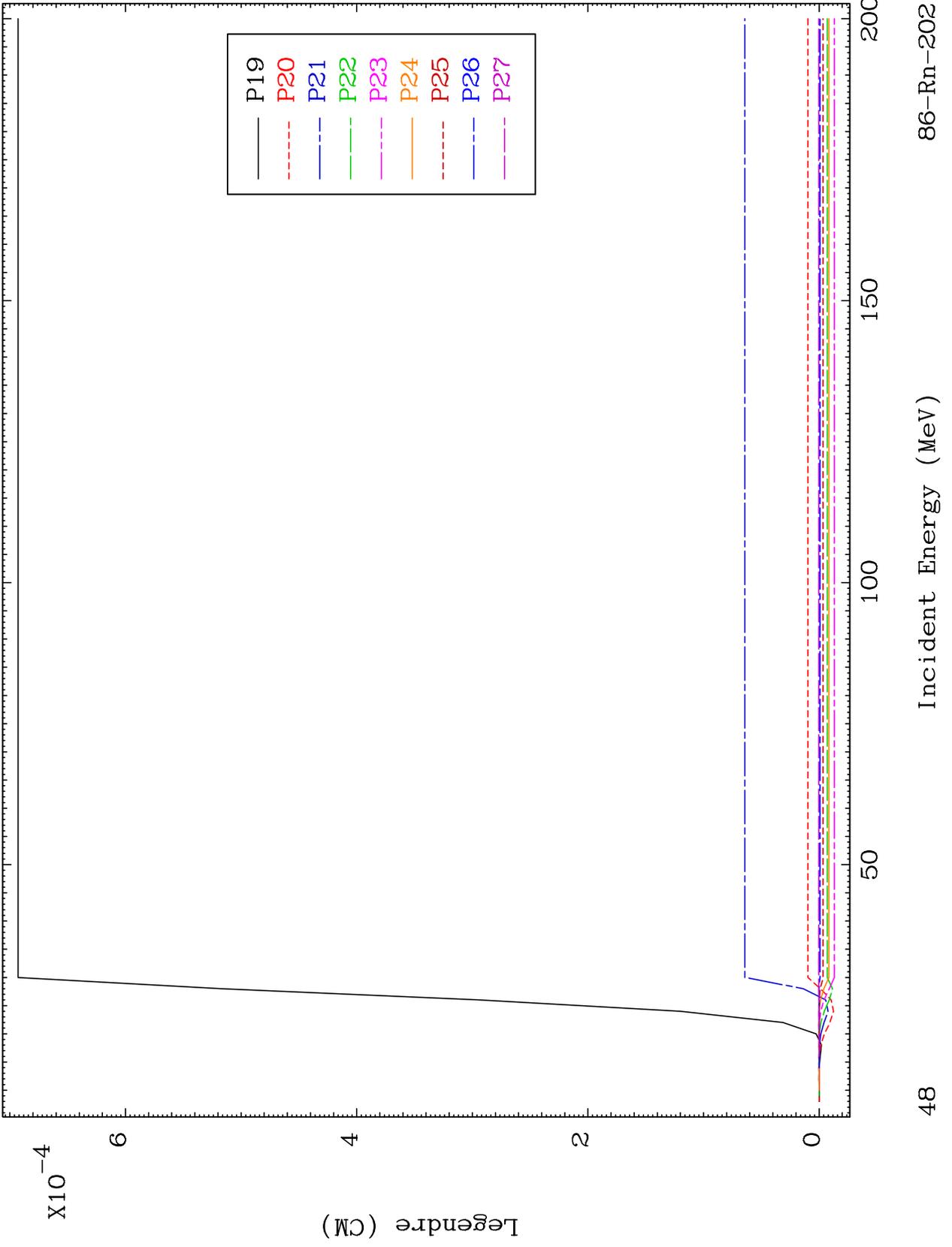
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



48

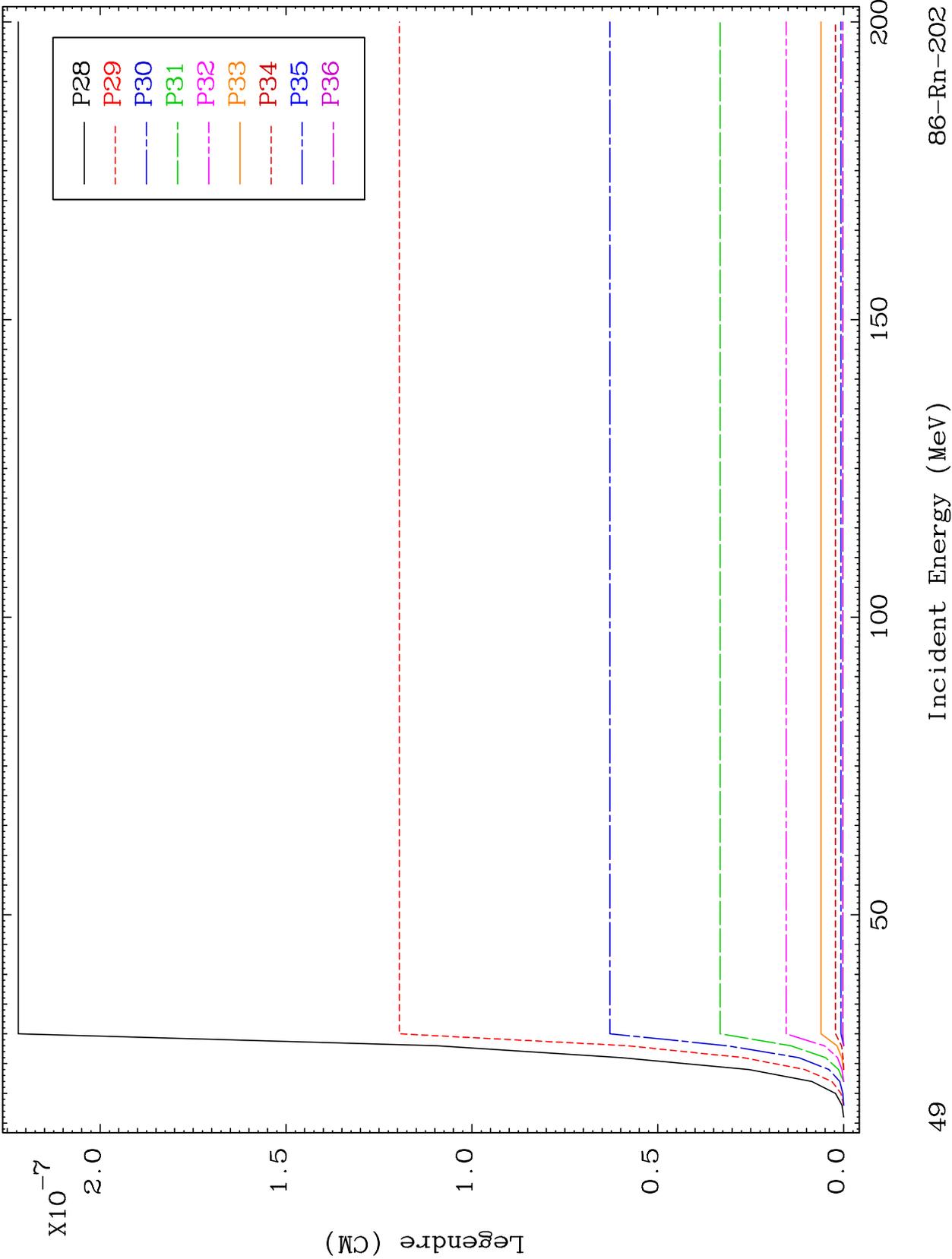
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



49

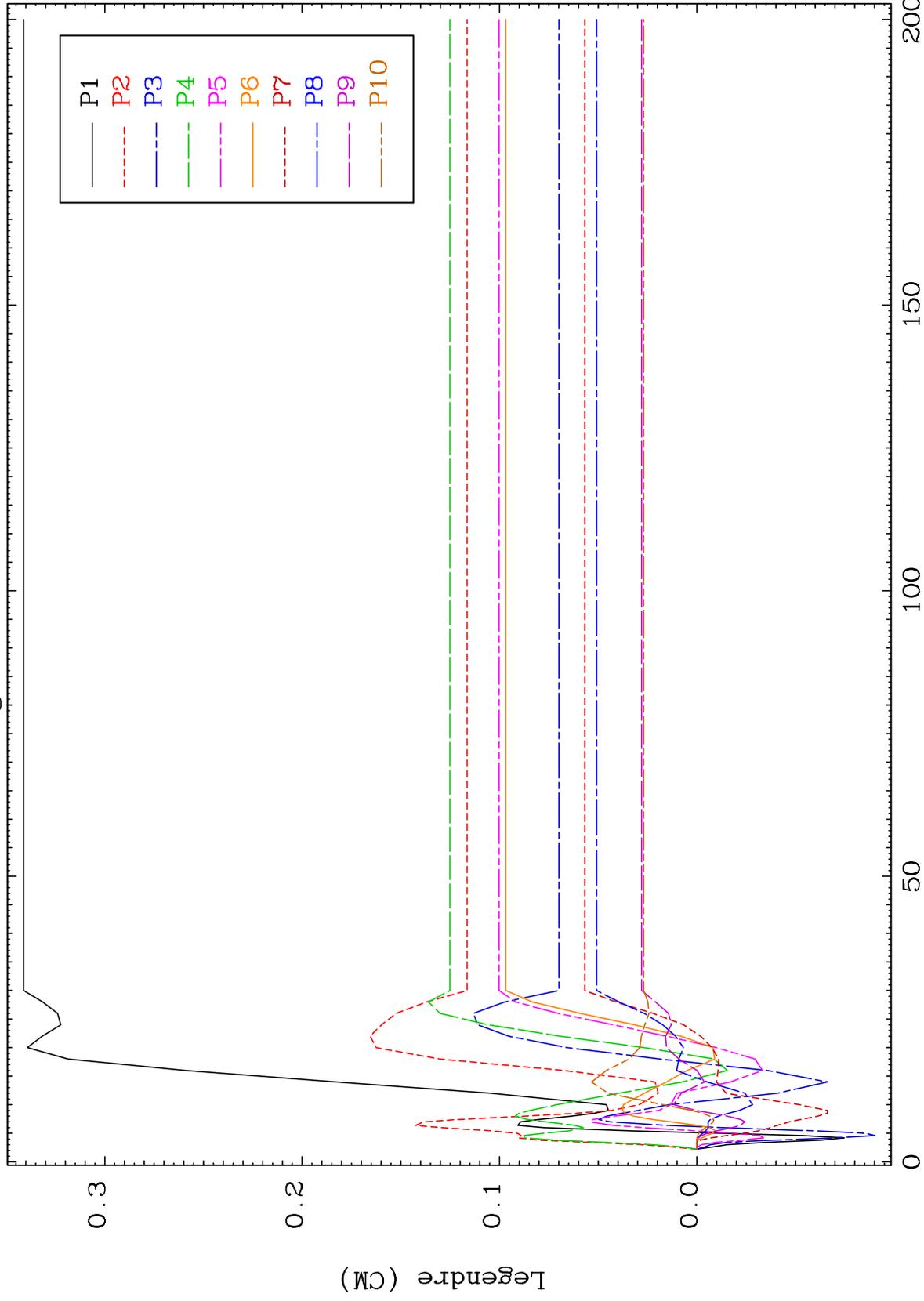
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



86-Rn-202

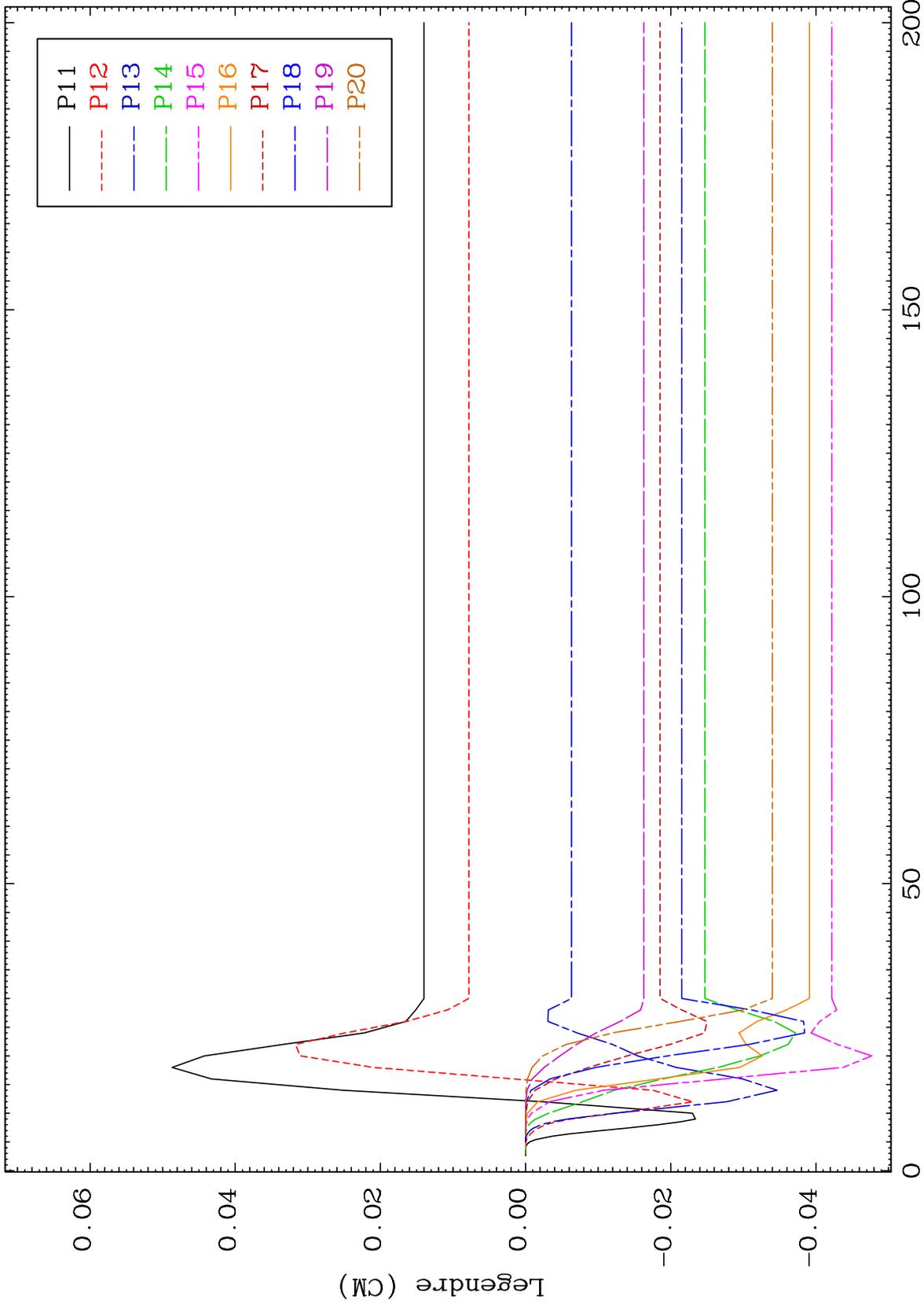
Incident Energy (MeV)

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MAT 8598

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

86-Rn-202



51

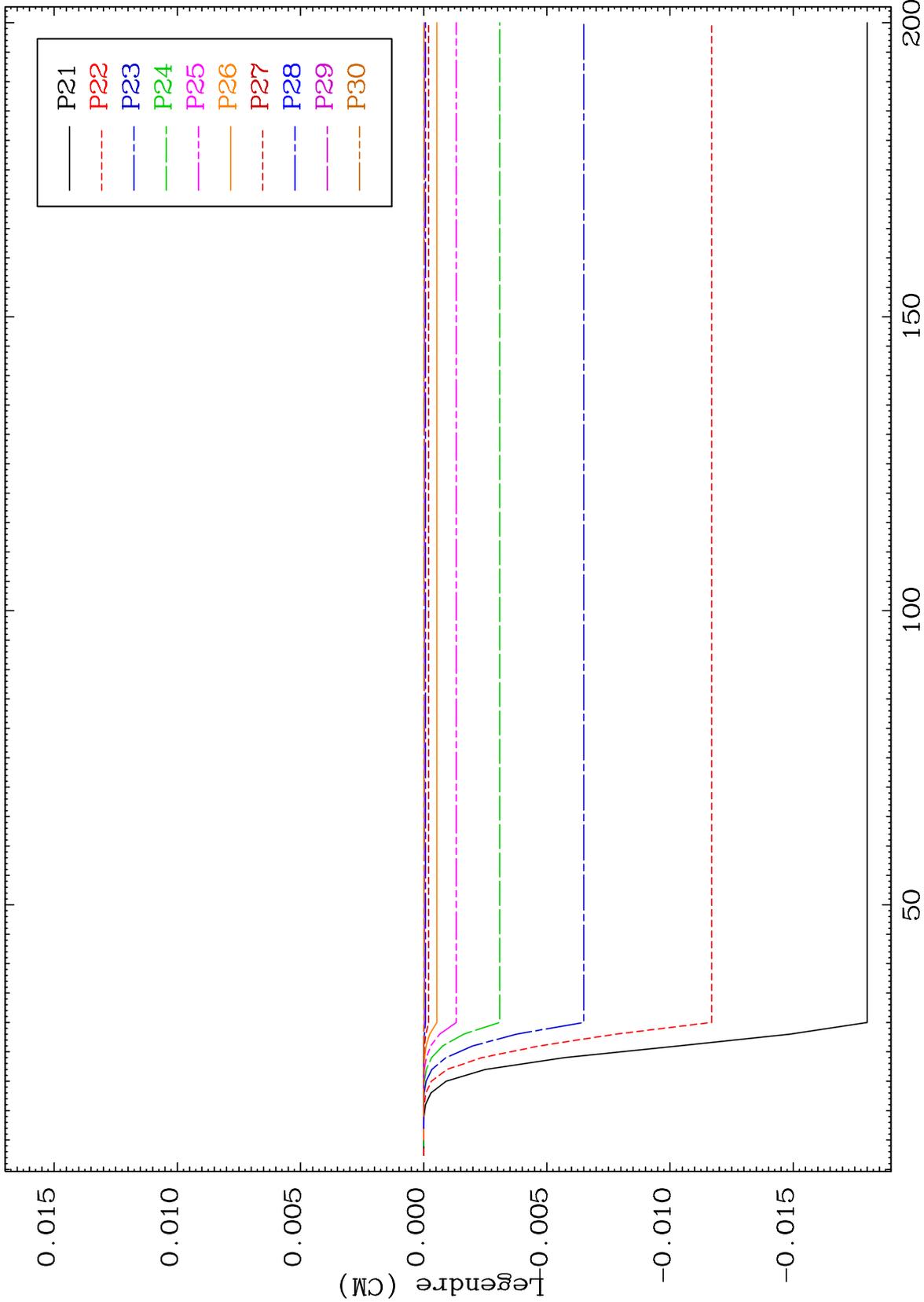
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

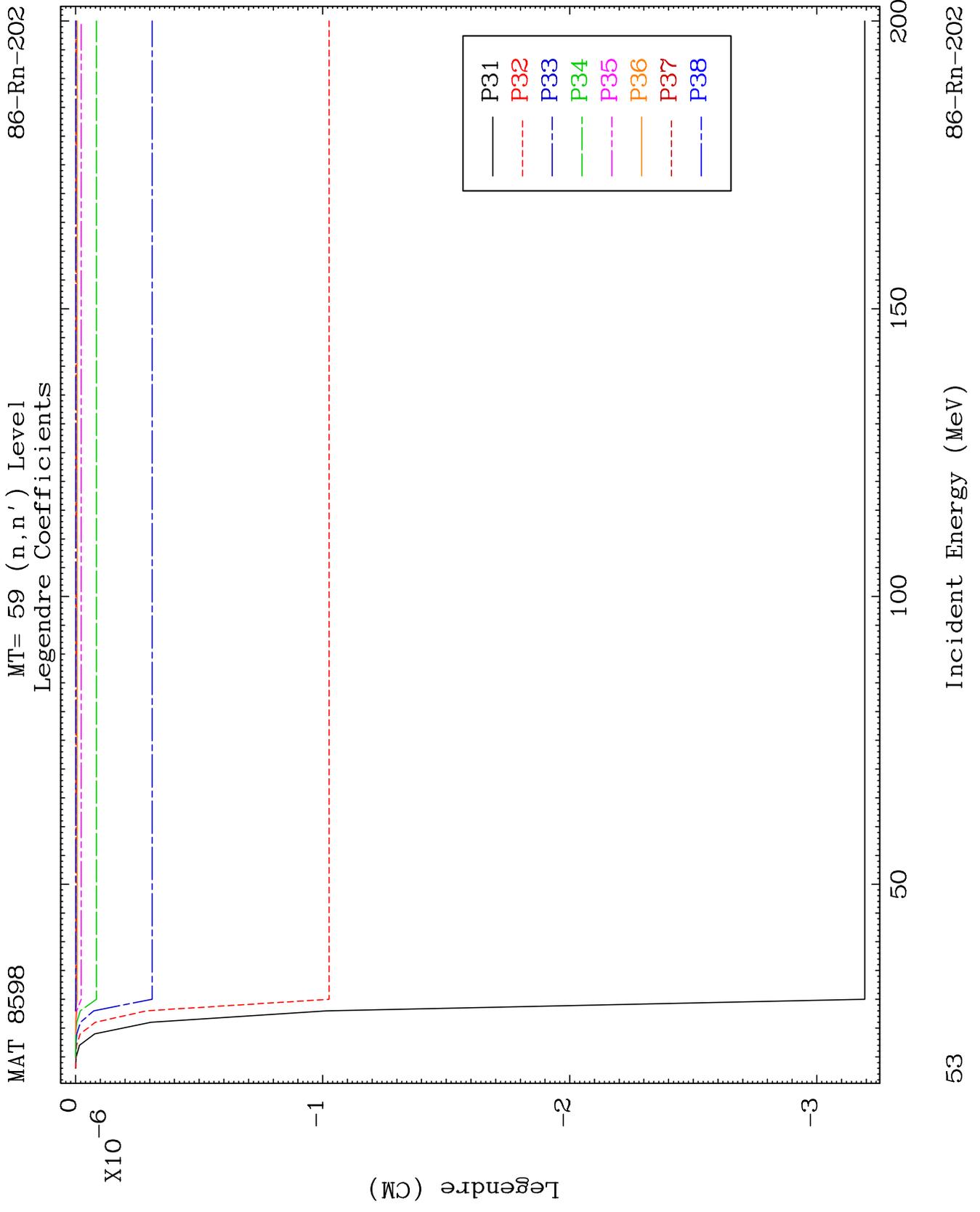
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52

Incident Energy (MeV)

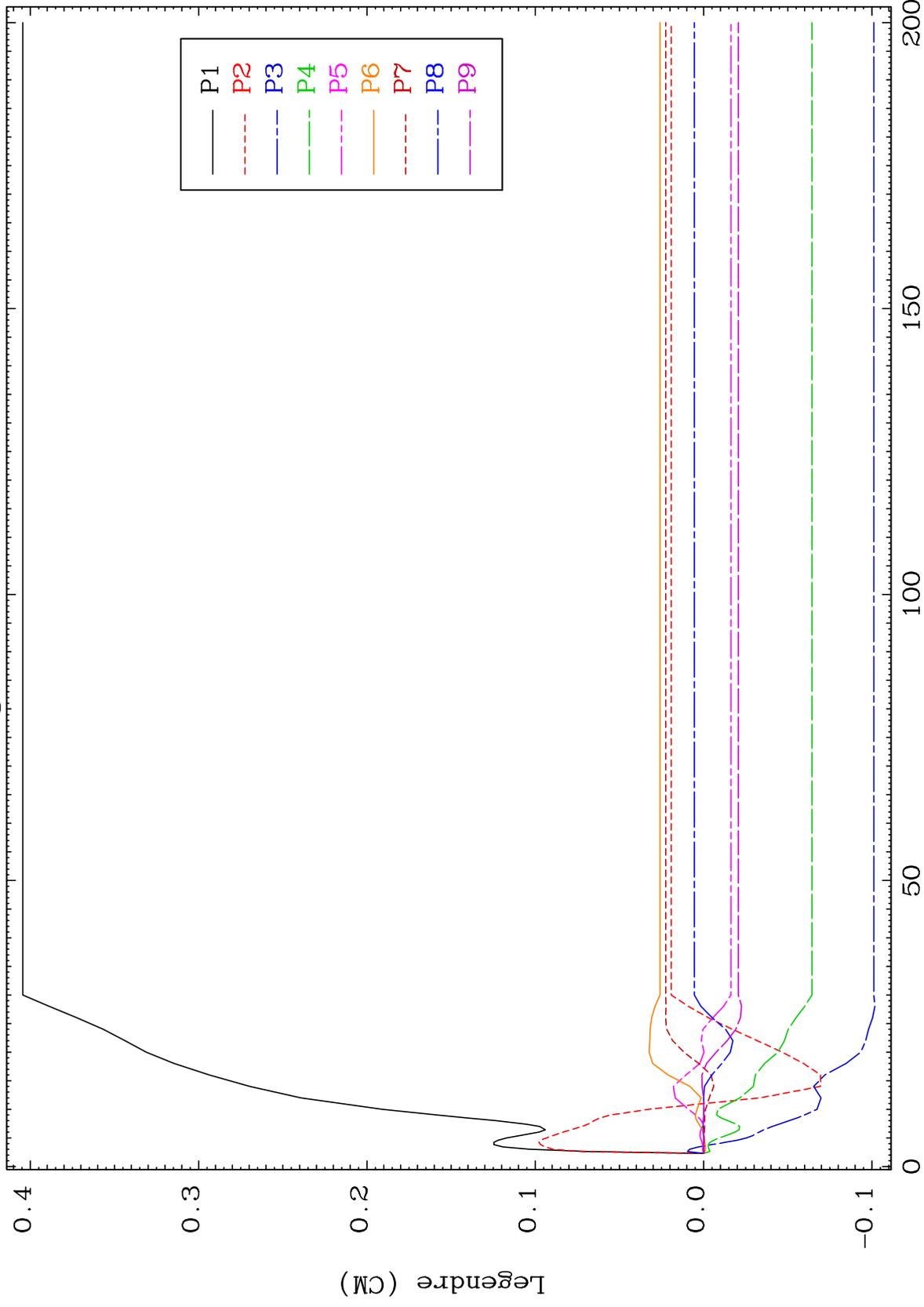
86-Rn-202



MAT 8598

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

86-Rn-202



54

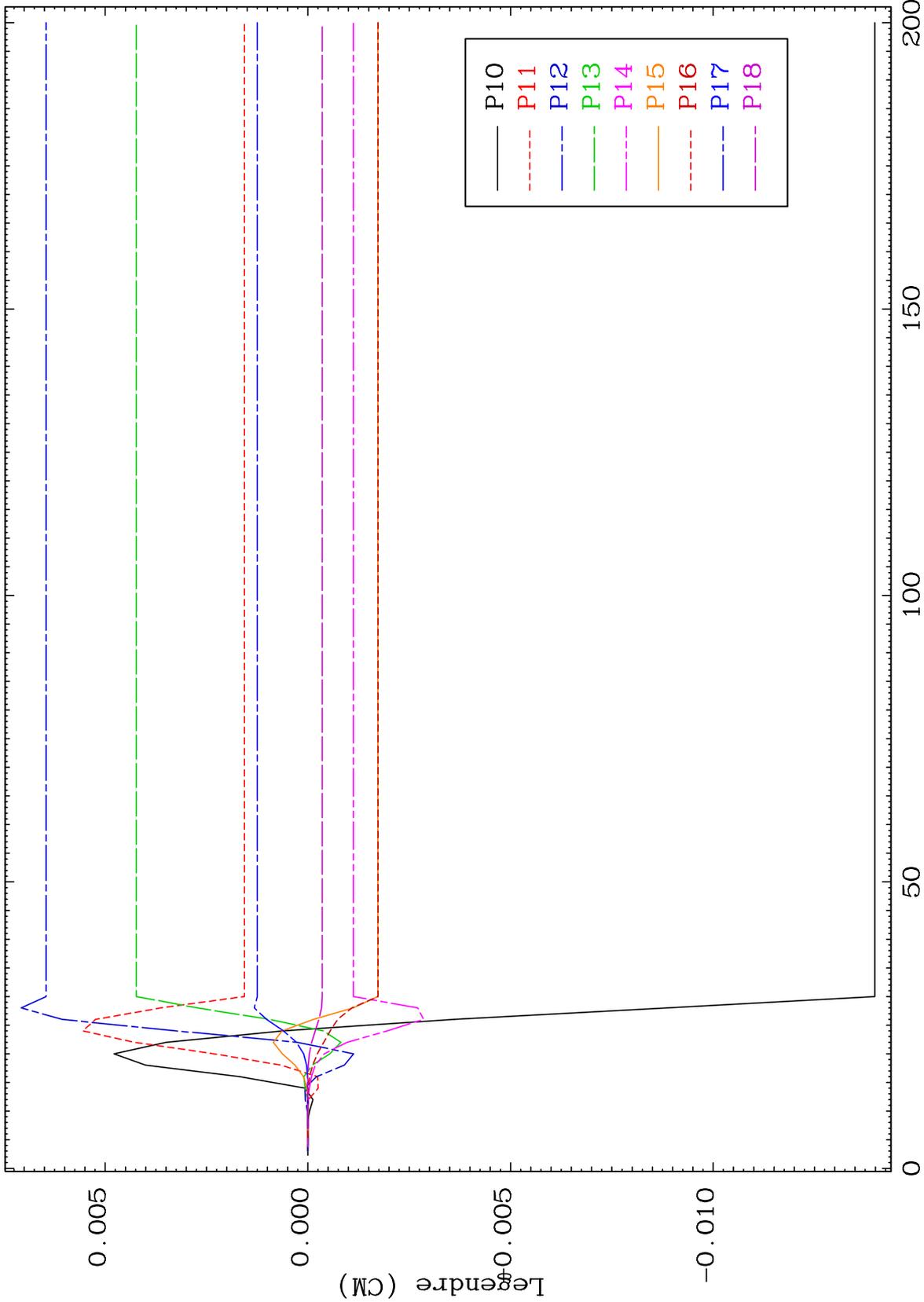
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

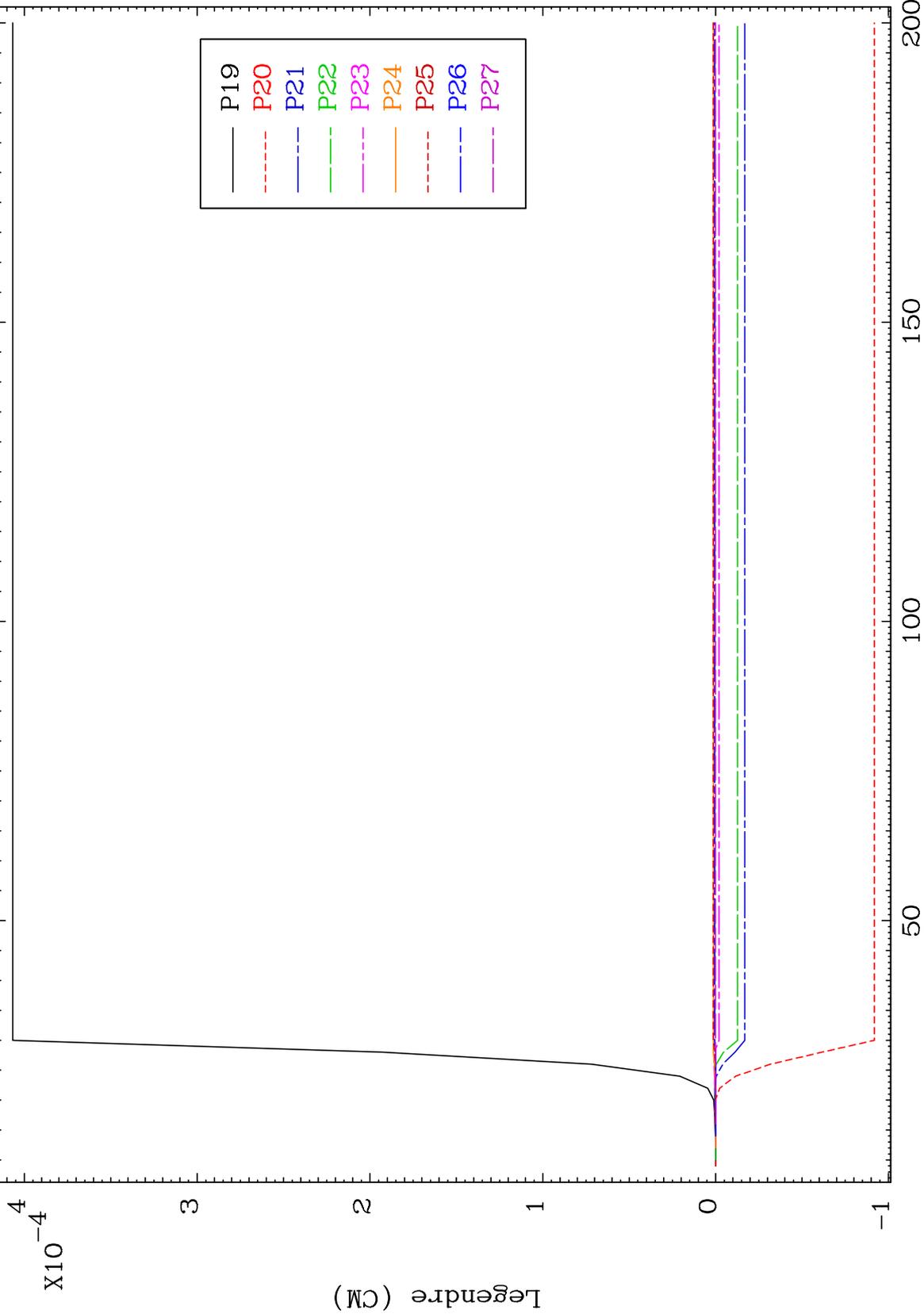
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Incident Energy (MeV)

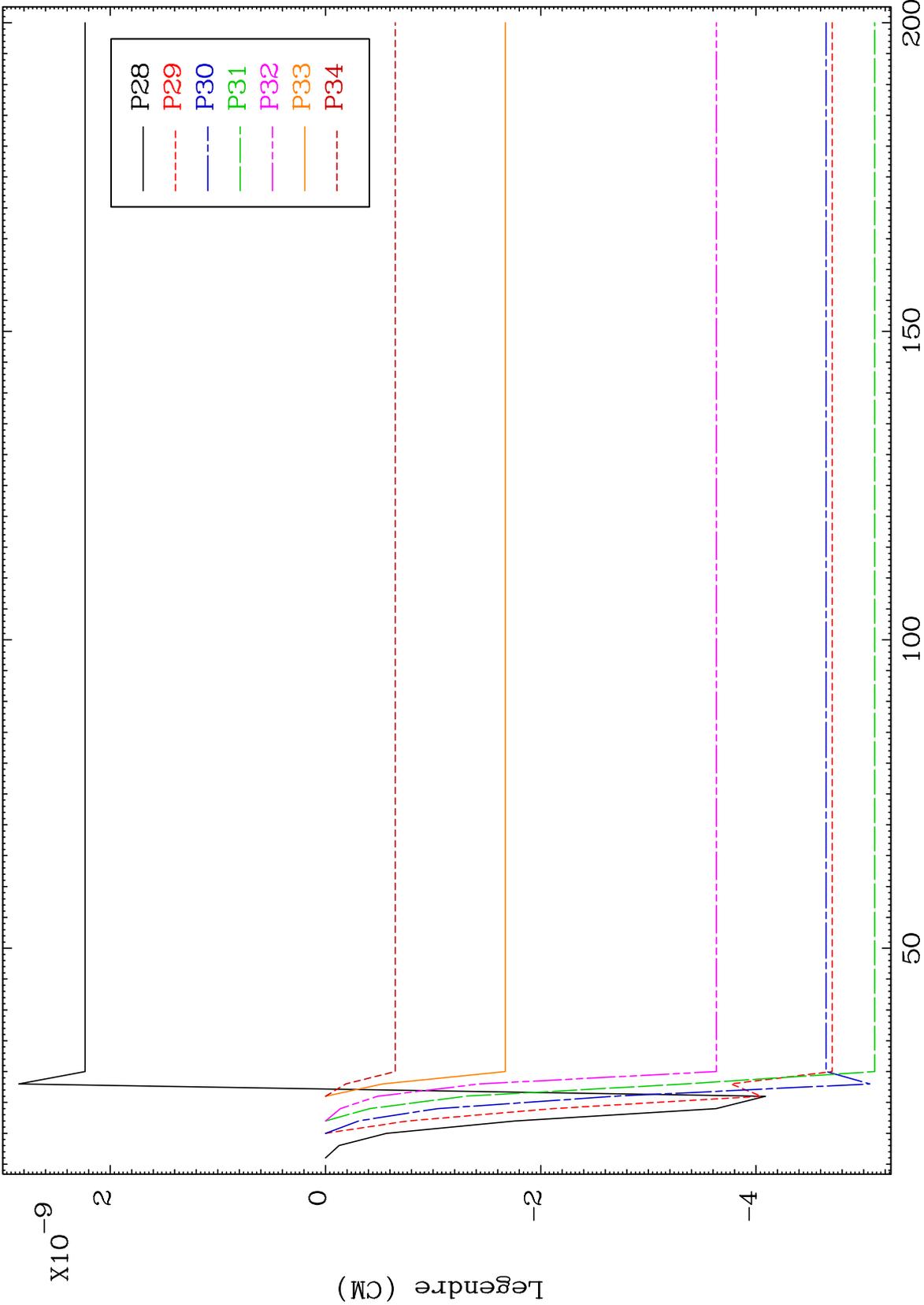
86-Rn-202



MAT 8598

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

86-Rn-202



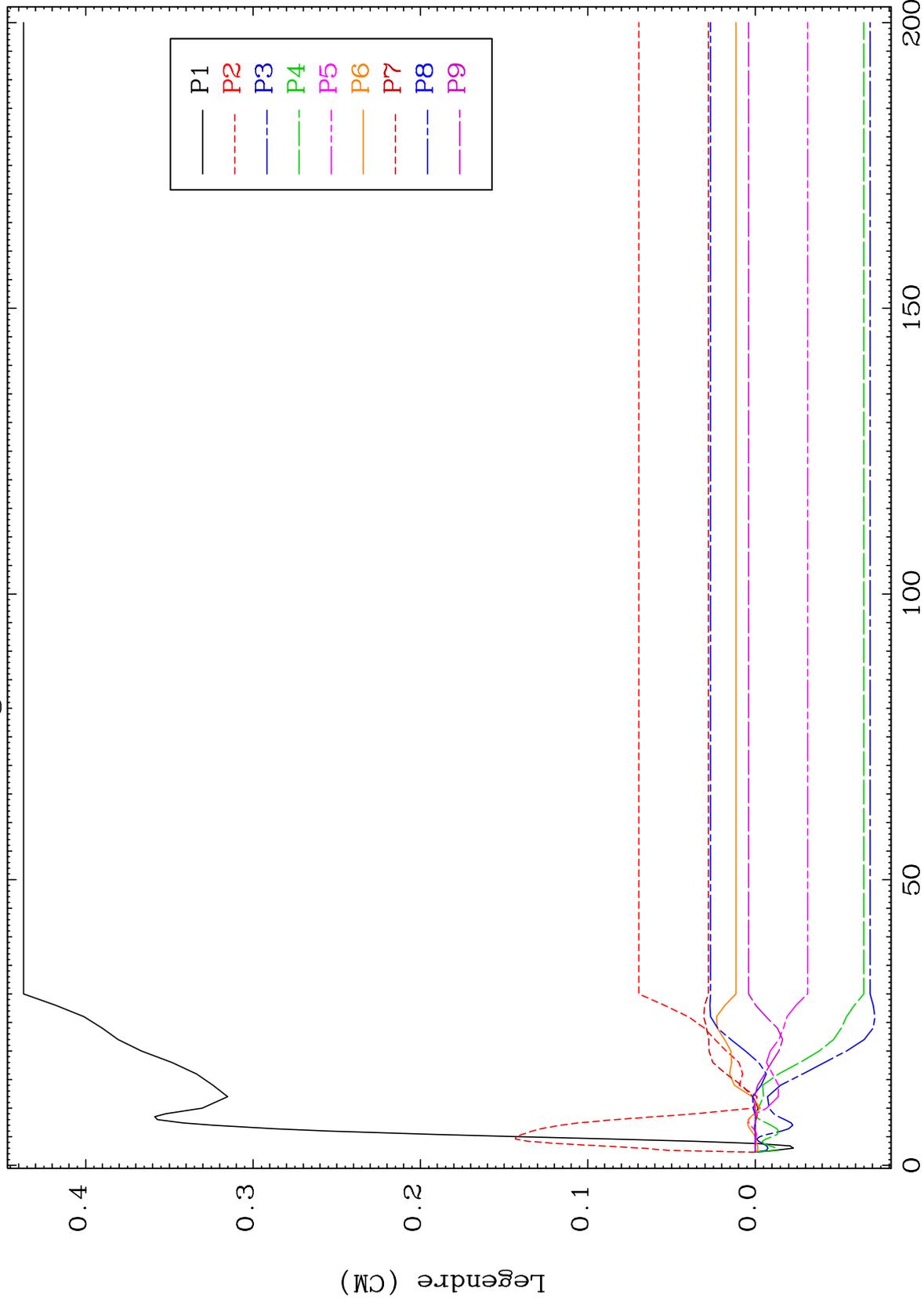
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MAT 8598

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

86-Rn-202



58

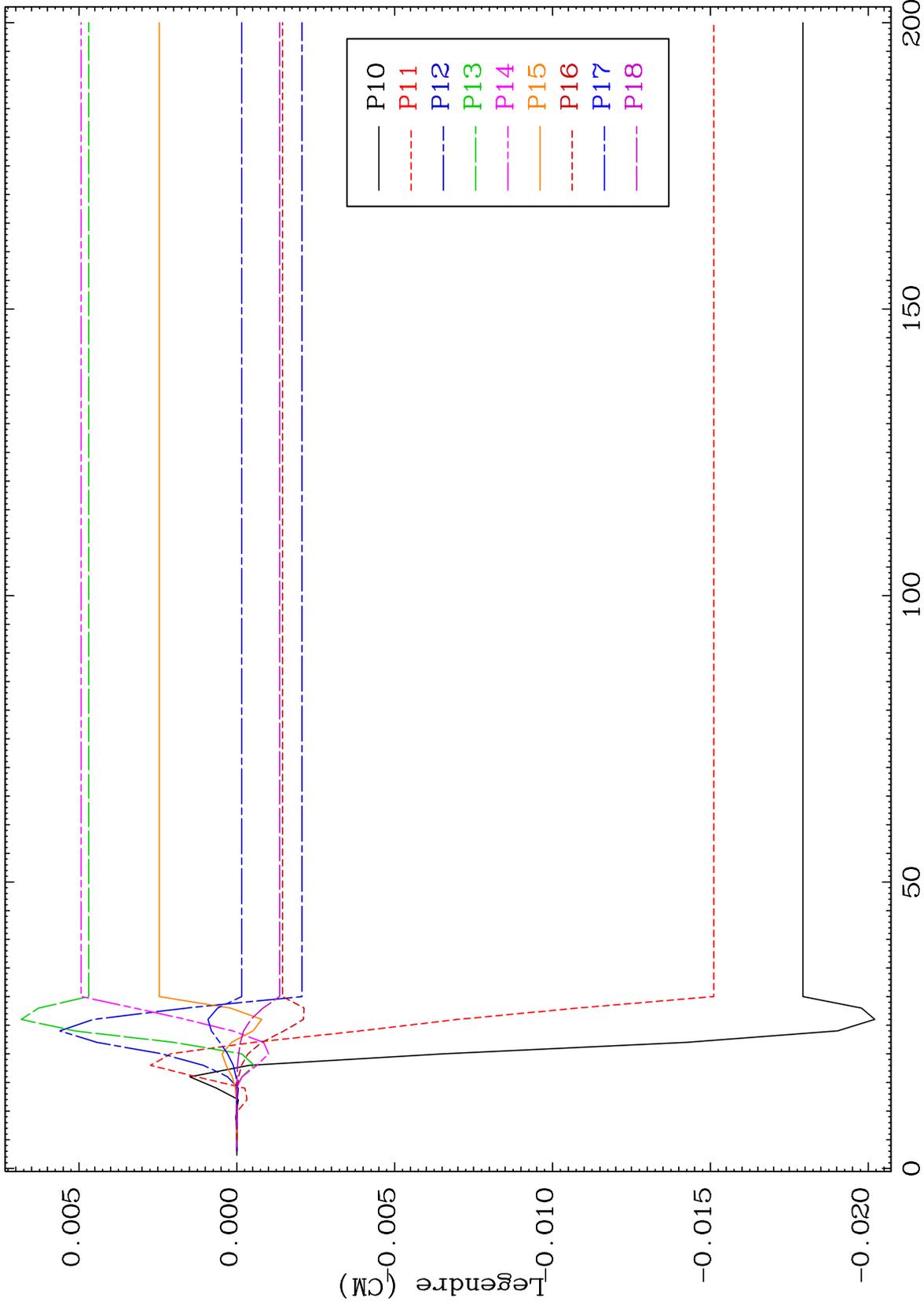
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



59

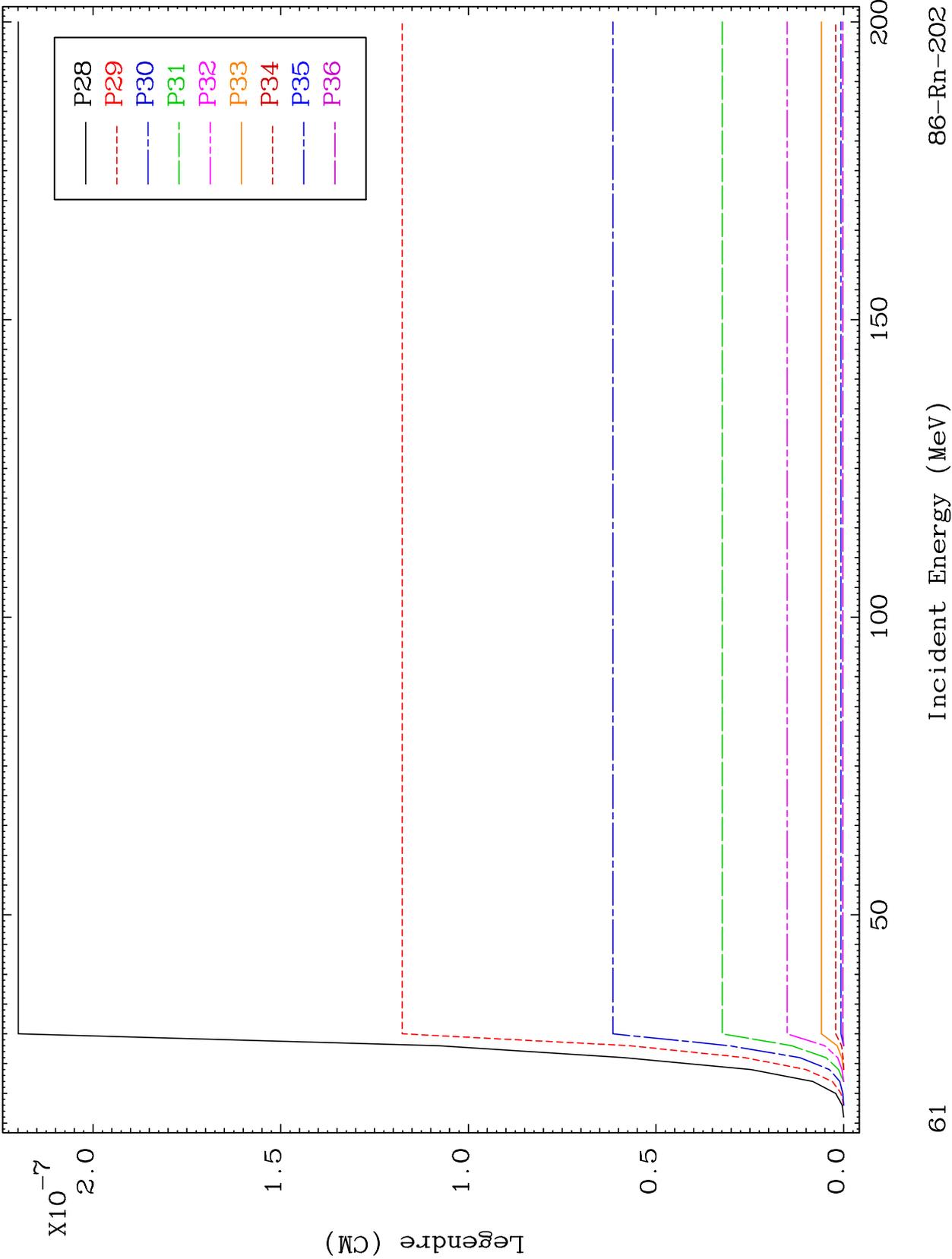
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

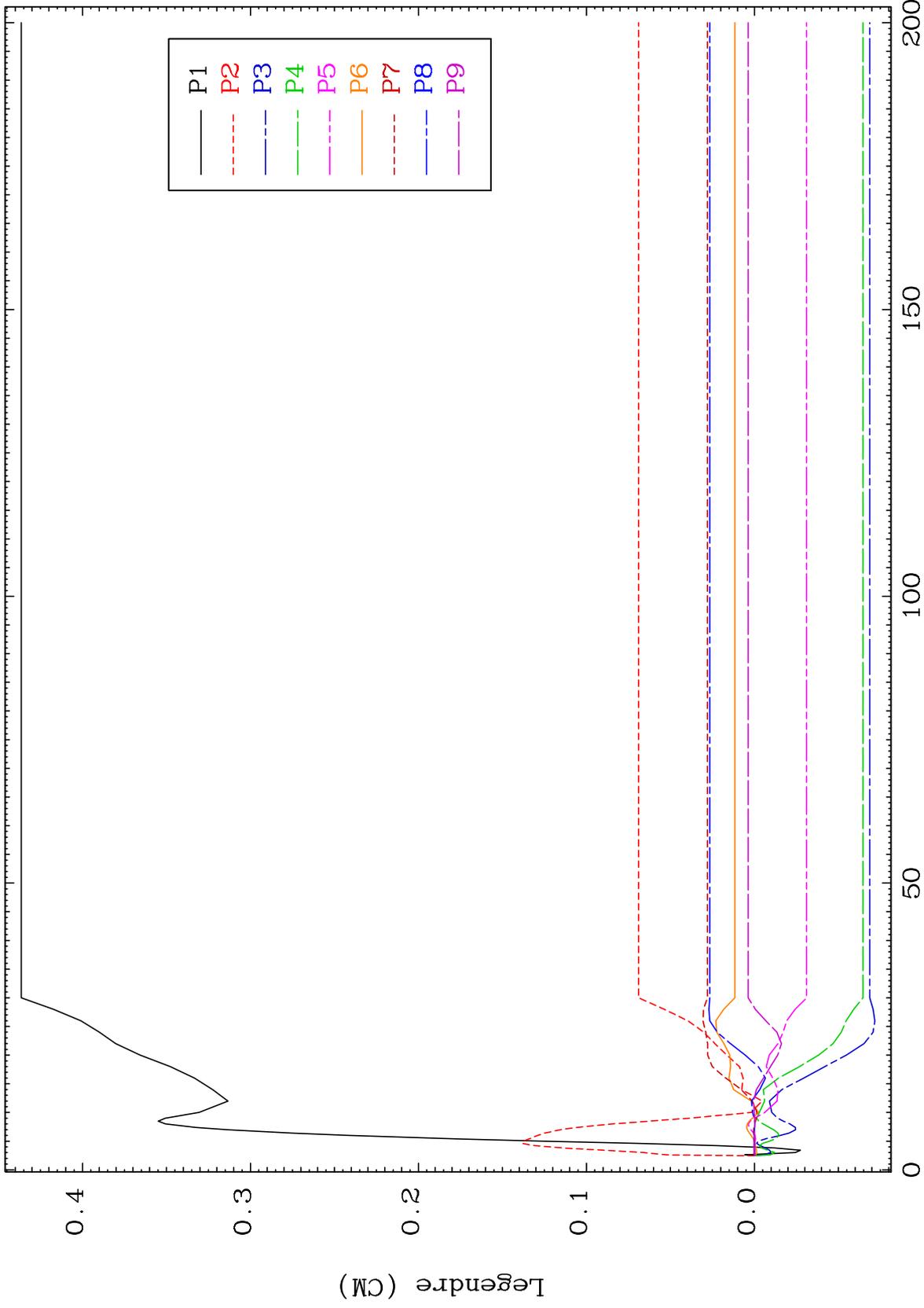
86-Rn-202



MAT 8598

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

86-Rn-202



86-Rn-202

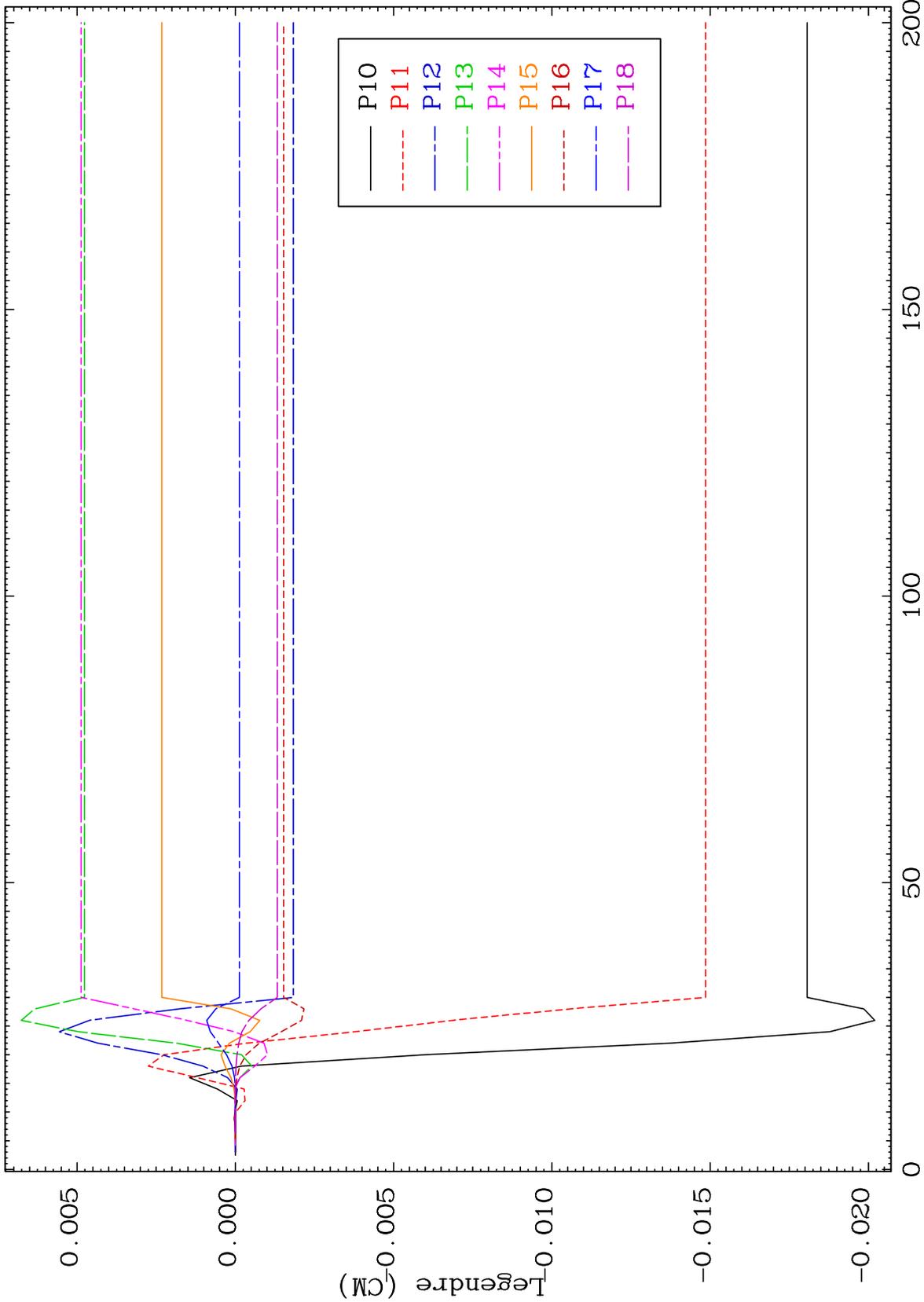
Incident Energy (MeV)

62

MAT 8598

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

86-Rn-202



63

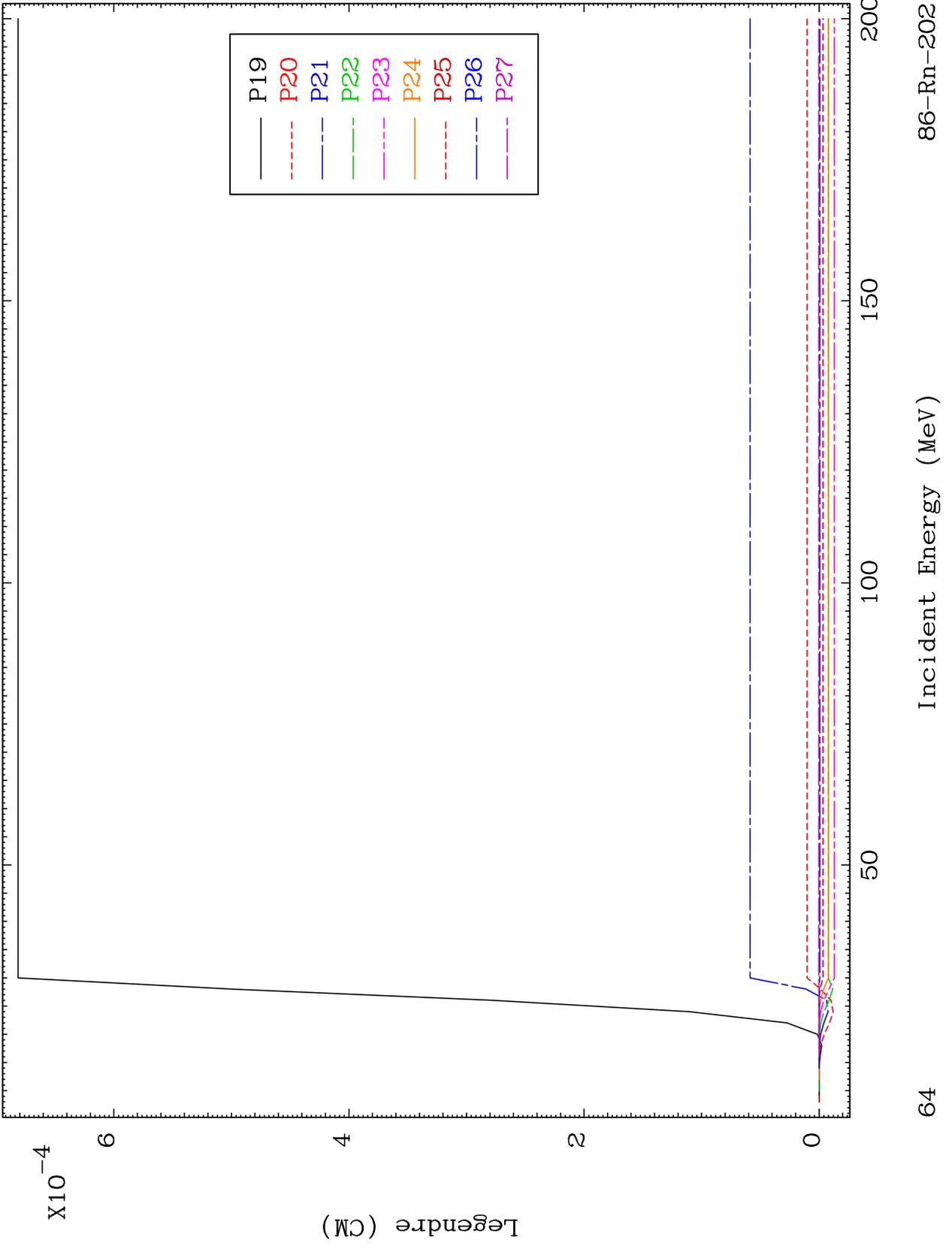
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

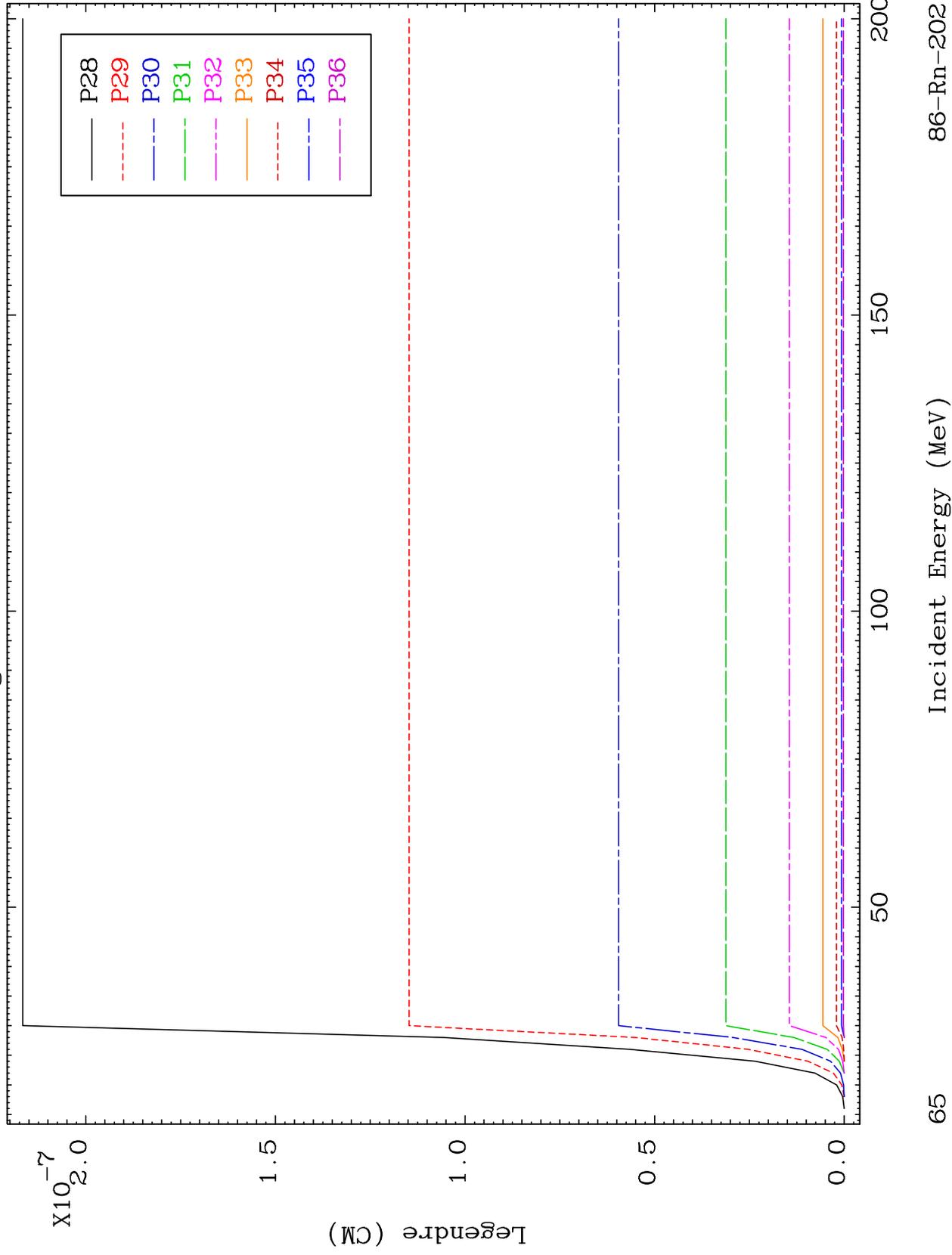
86-Rn-202



MAT 8598

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

86-Rn-202



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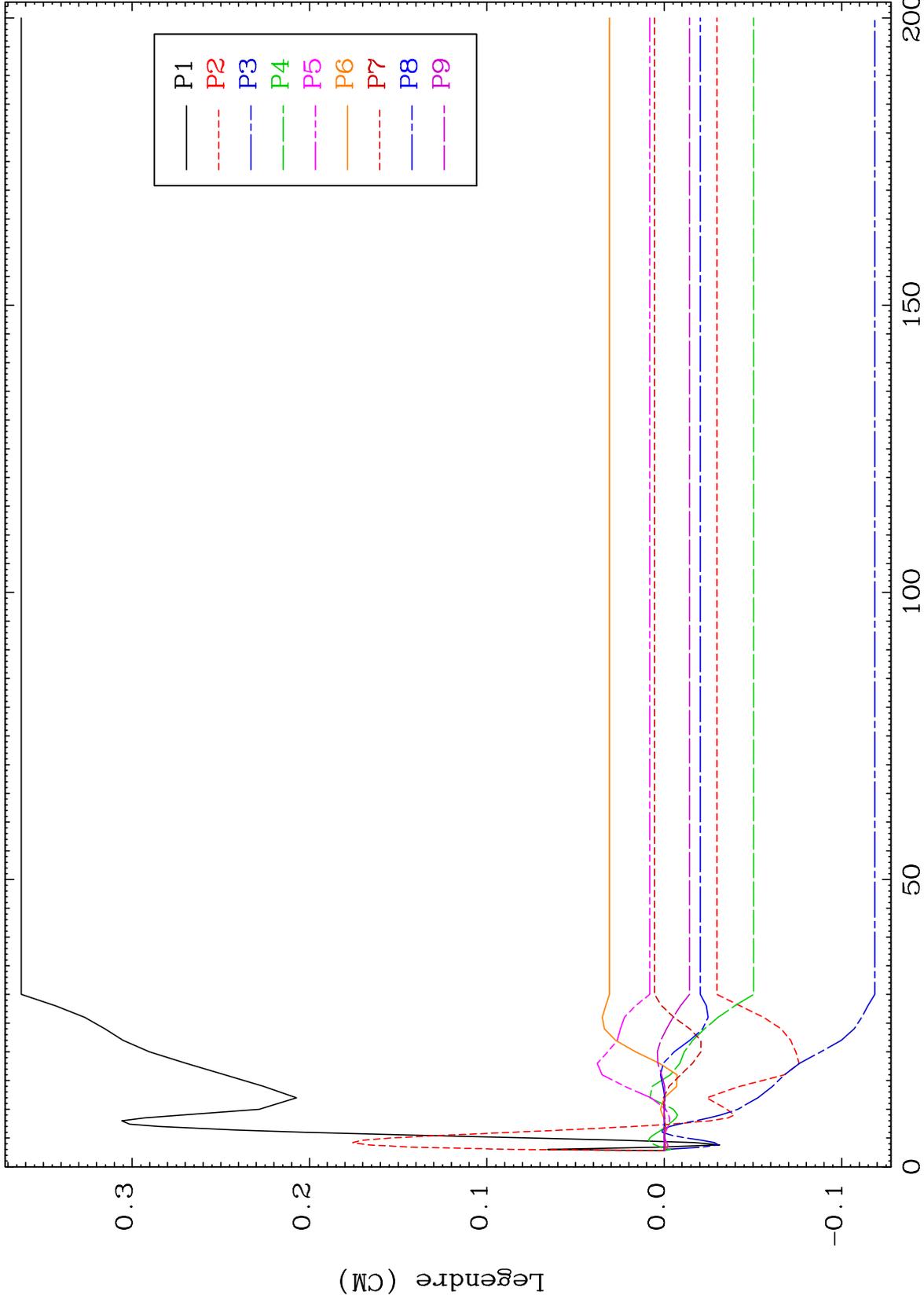
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



66

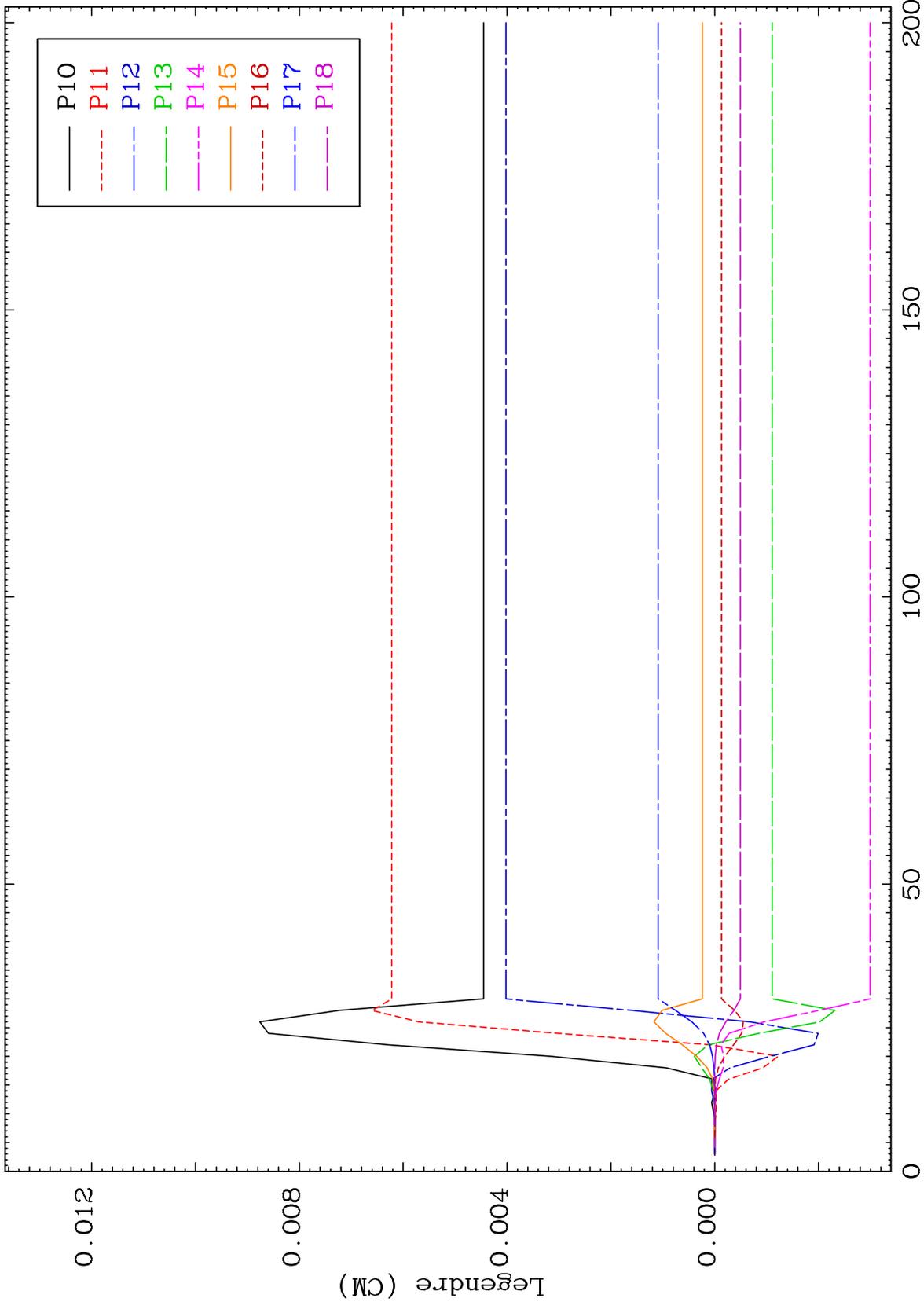
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

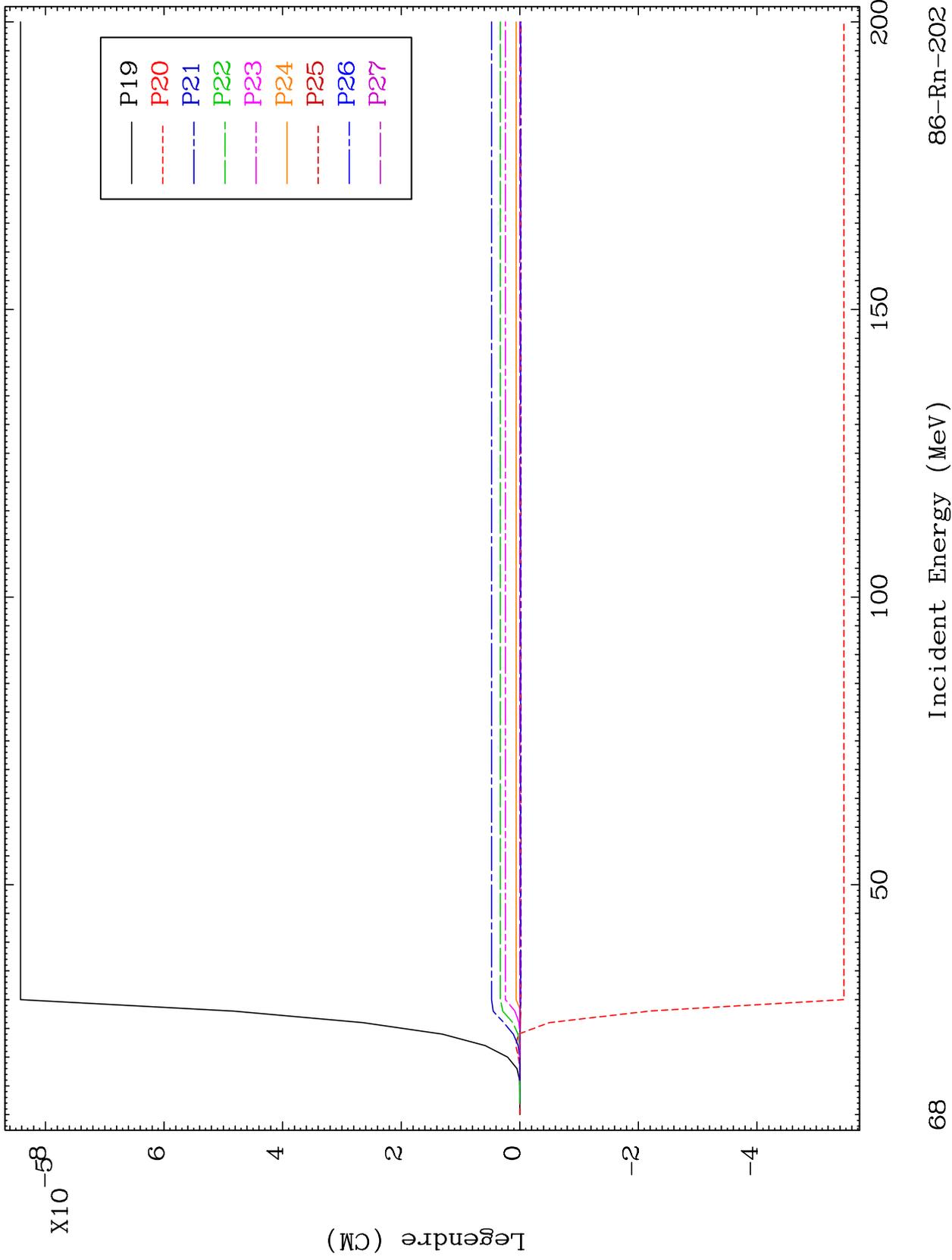
86-Rn-202

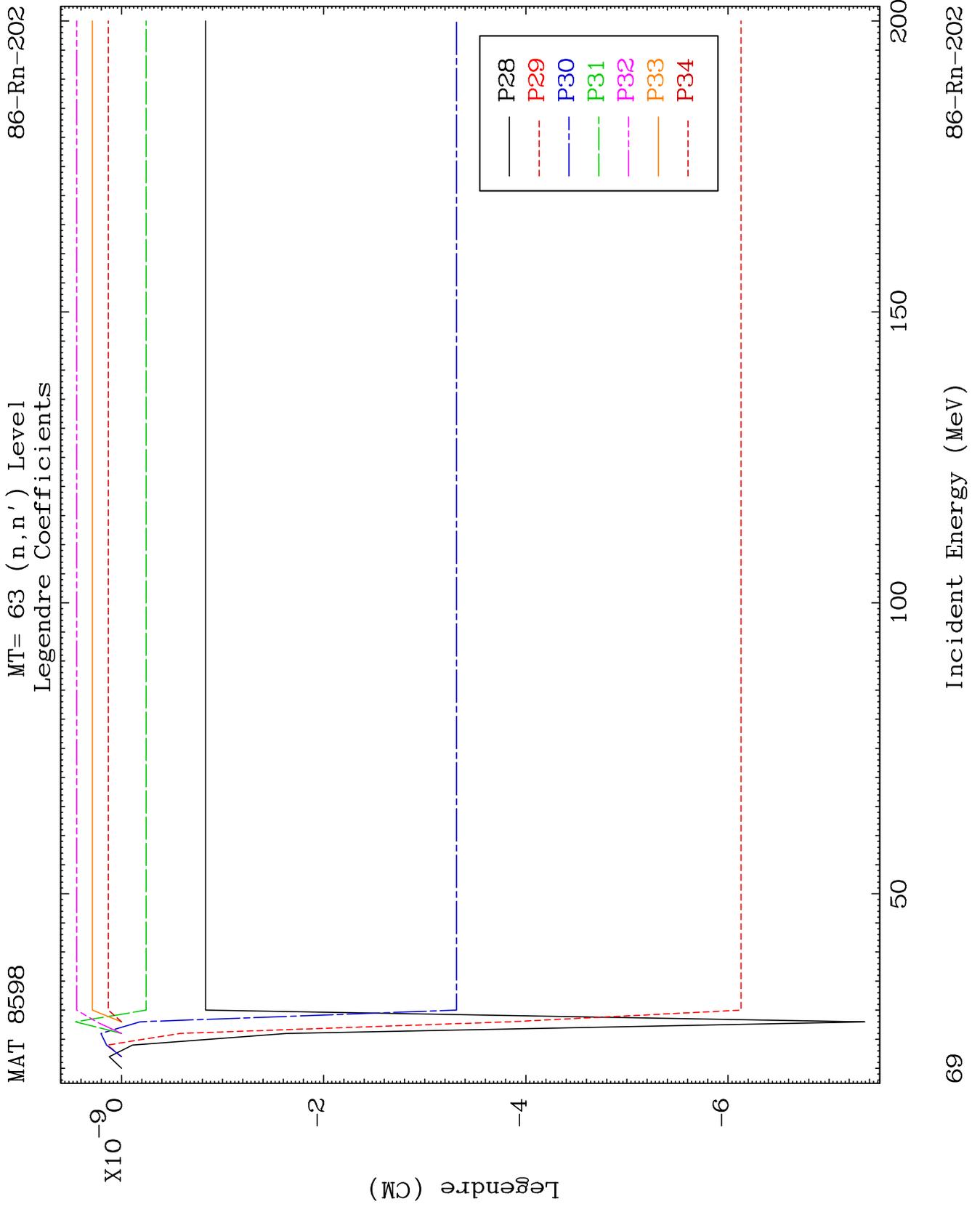


67

Incident Energy (MeV)

86-Rn-202

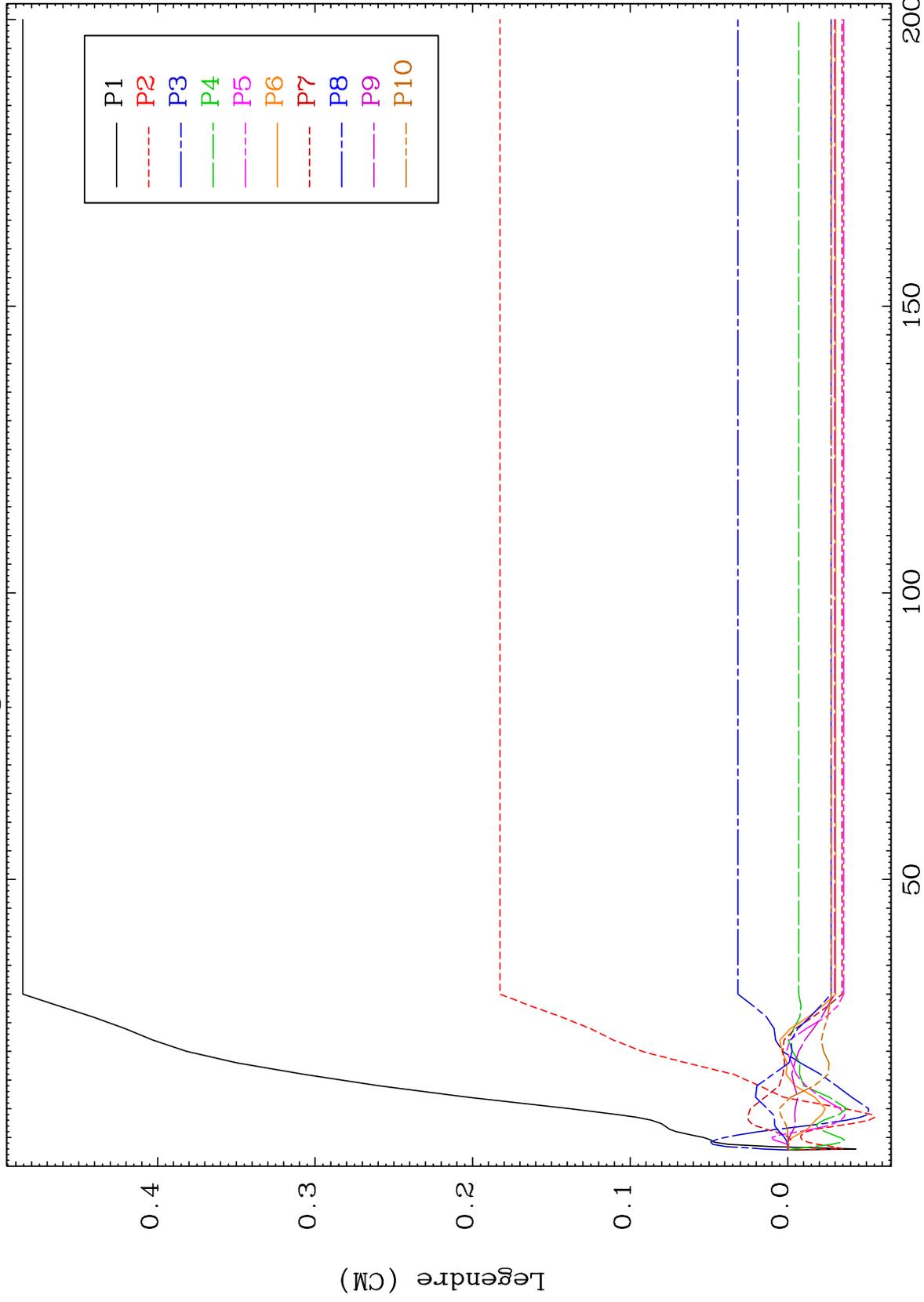




MAT 8598

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

86-Rn-202



86-Rn-202

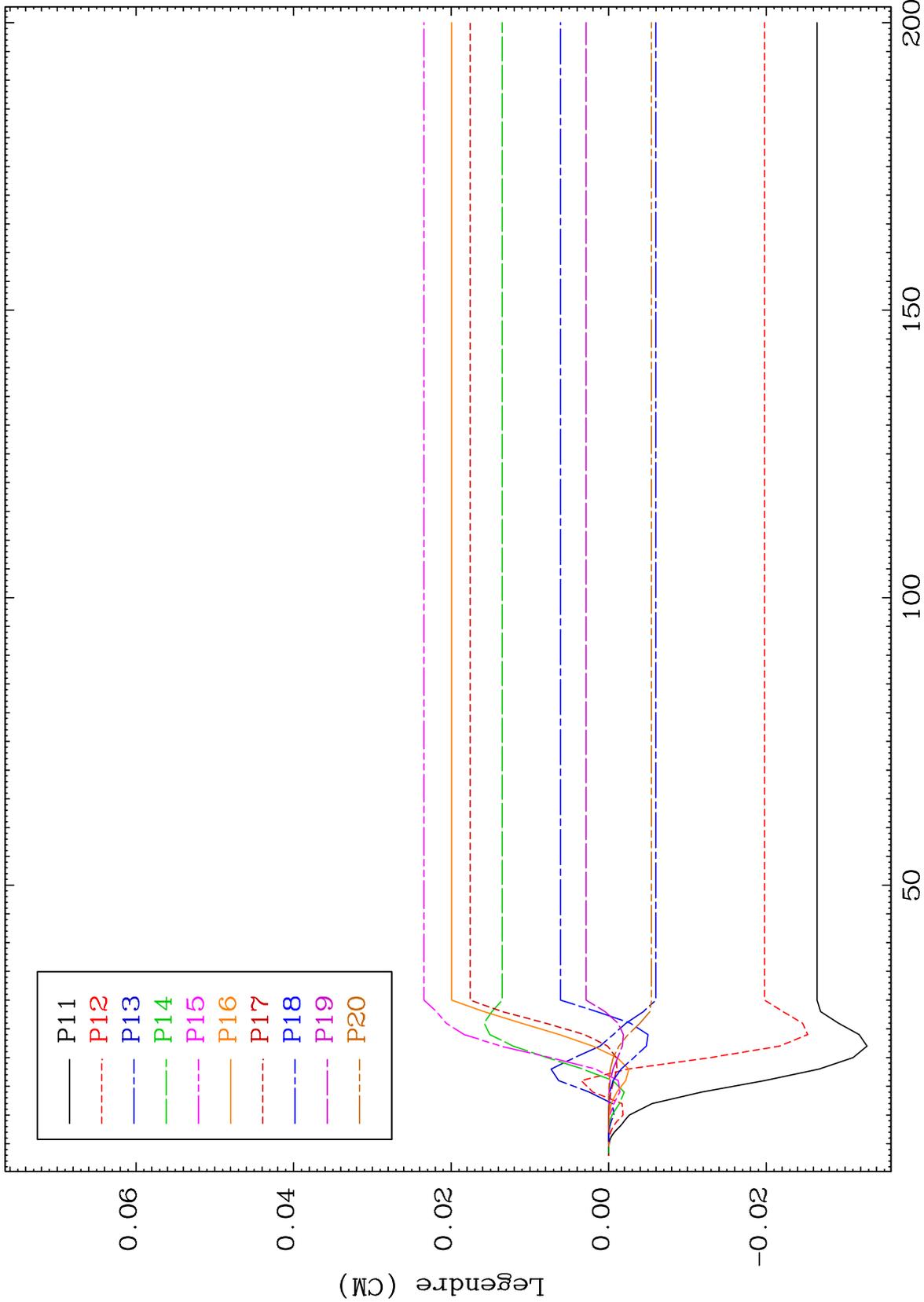
Incident Energy (MeV)

70

MAT 8598

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

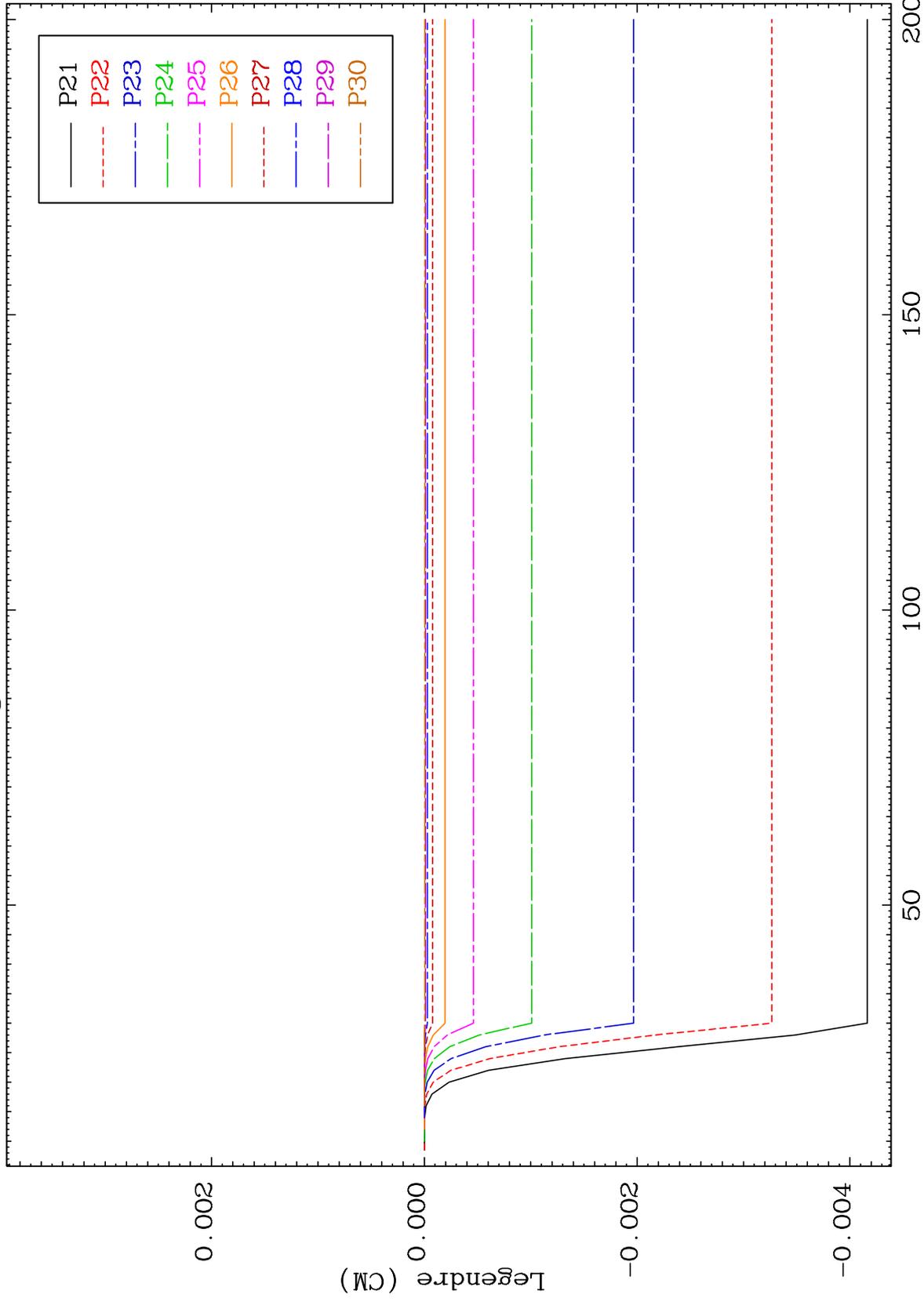
86-Rn-202



MAT 8598

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

86-Rn-202



72

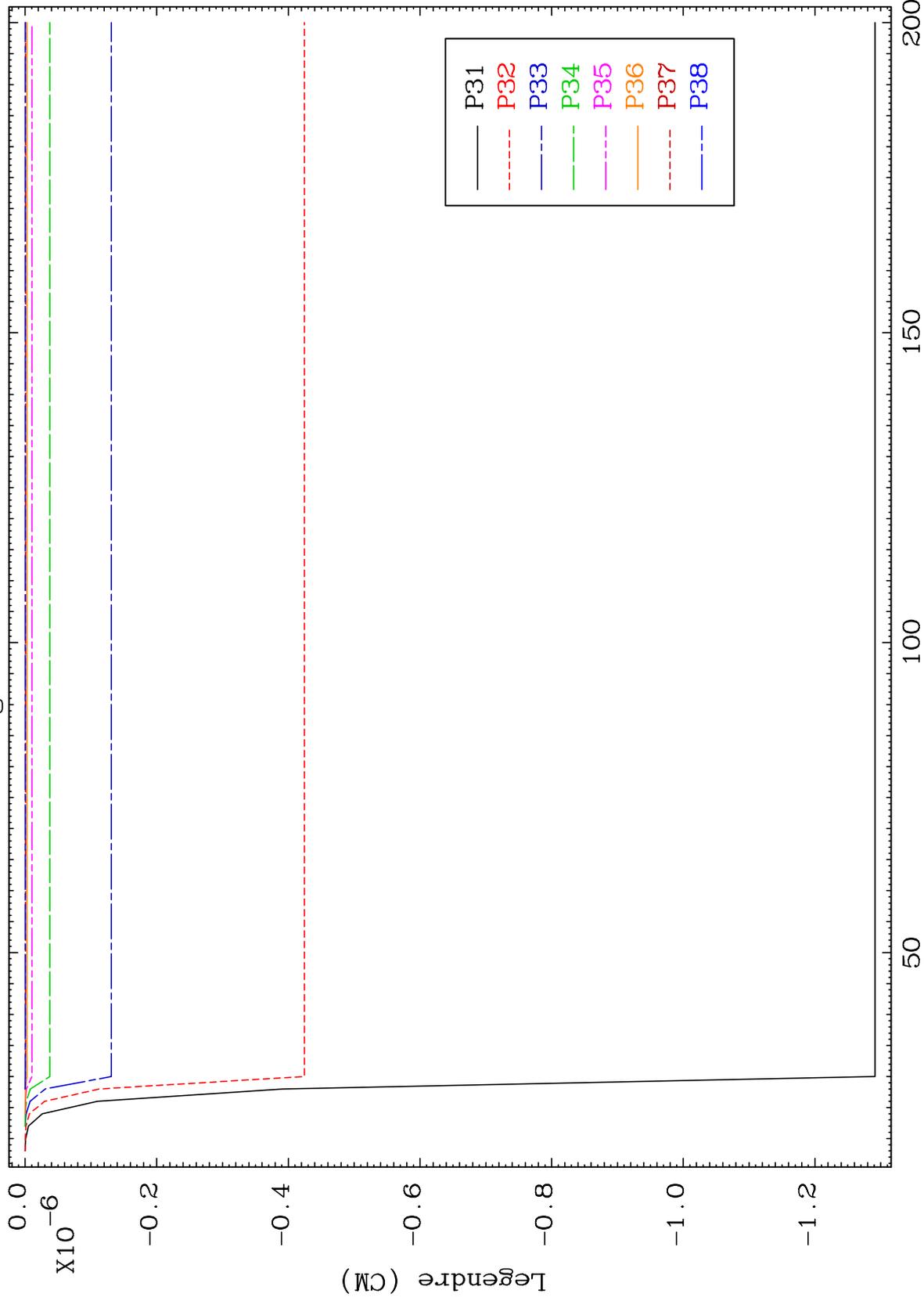
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



73

Incident Energy (MeV)

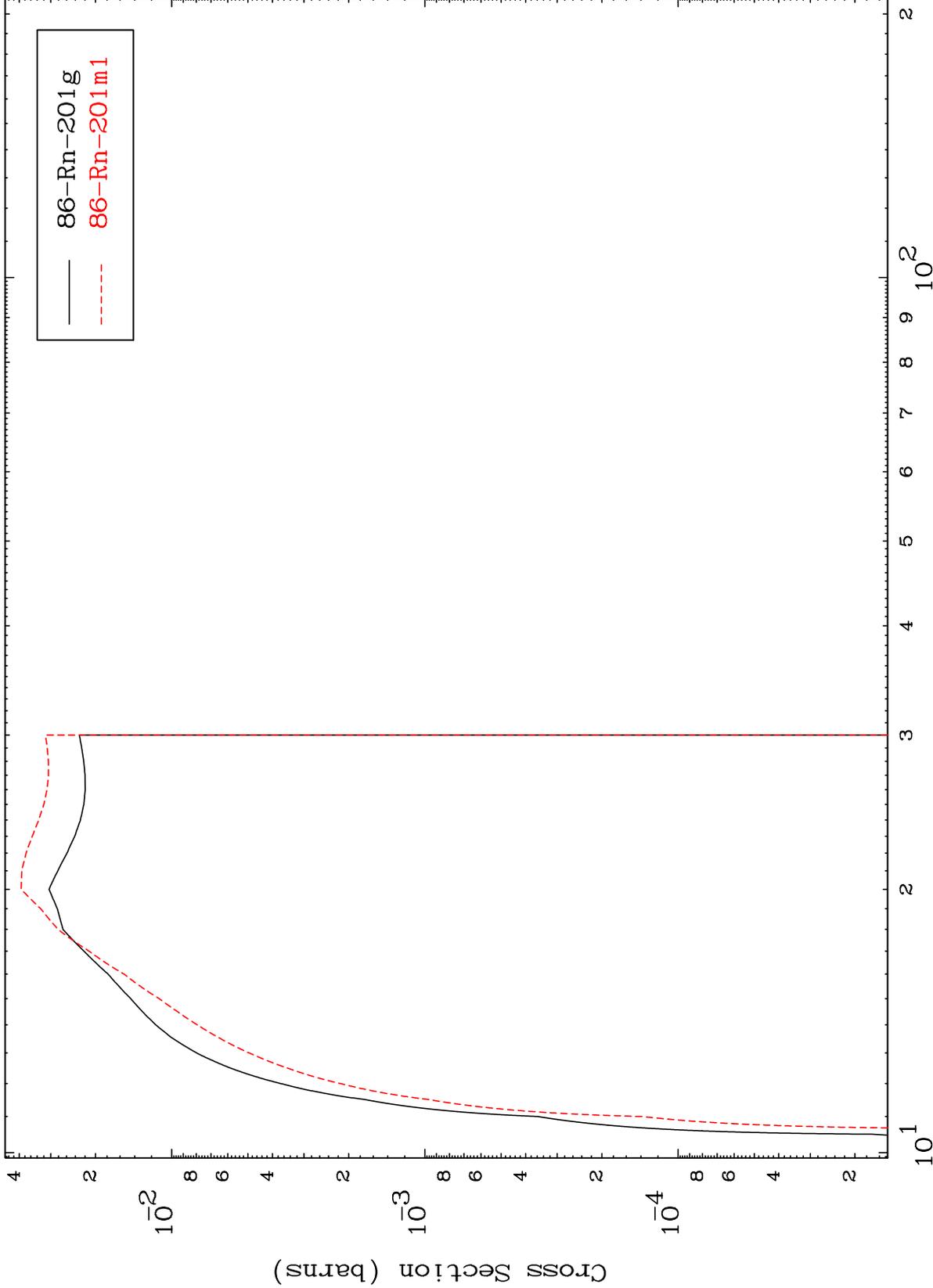
86-Rn-202

MAT 8598

(n,2n)

86-Rn-202

Radionuclide Production Cross Section



86-Rn-201 g
86-Rn-201 m1

74

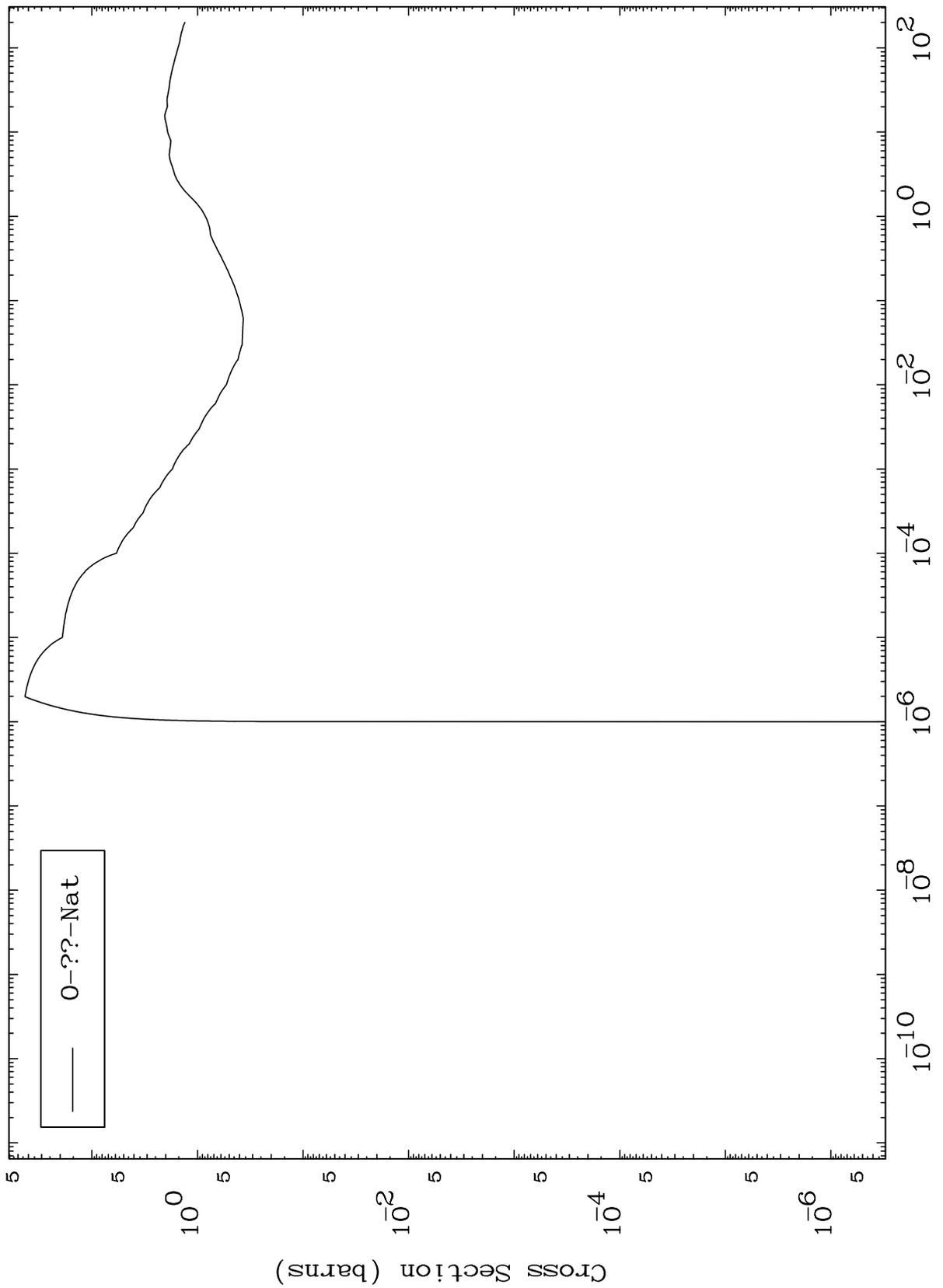
Incident Energy (MeV)

86-Rn-202

MAT 8598

86-Rn-202

Fission
Radionuclide Production Cross Section



75

86-Rn-202

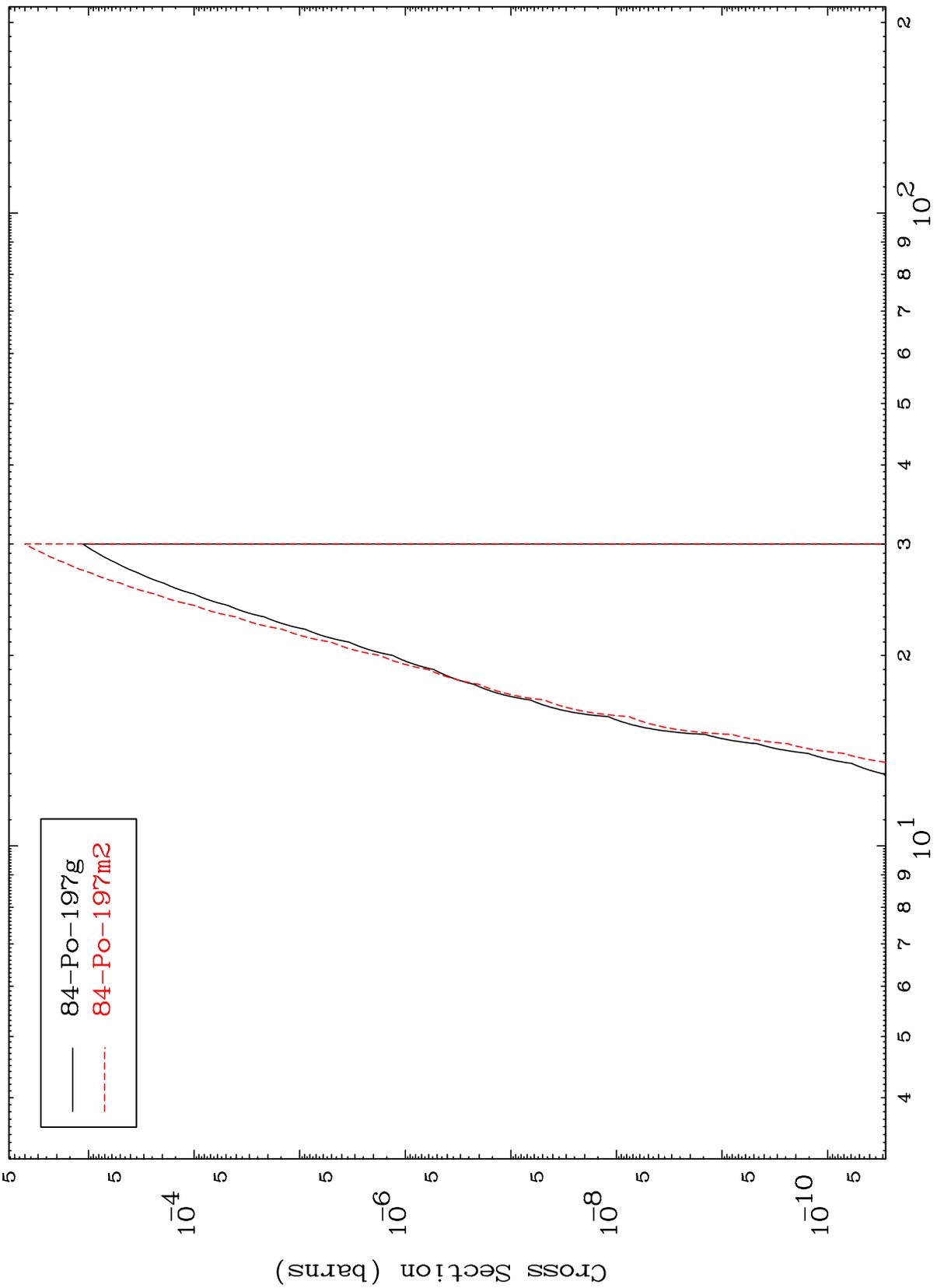
Incident Energy (MeV)

MAT 8598

$(n,2n) \alpha$

86-Rn-202

Radionuclide Production Cross Section



76

Incident Energy (MeV)

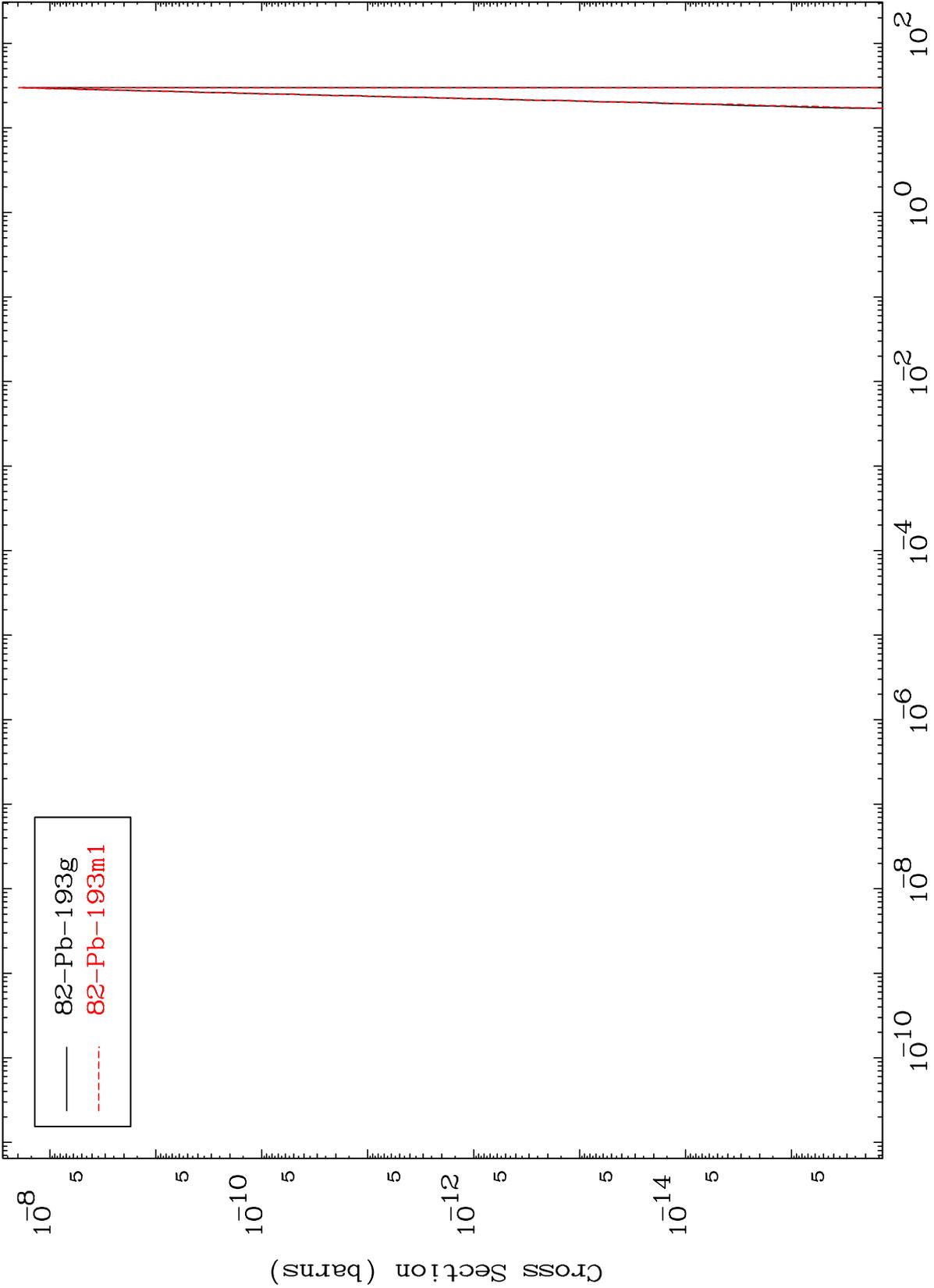
86-Rn-202

MAT 8598

(n,2n) 2α

86-Rn-202

Radionuclide Production Cross Section



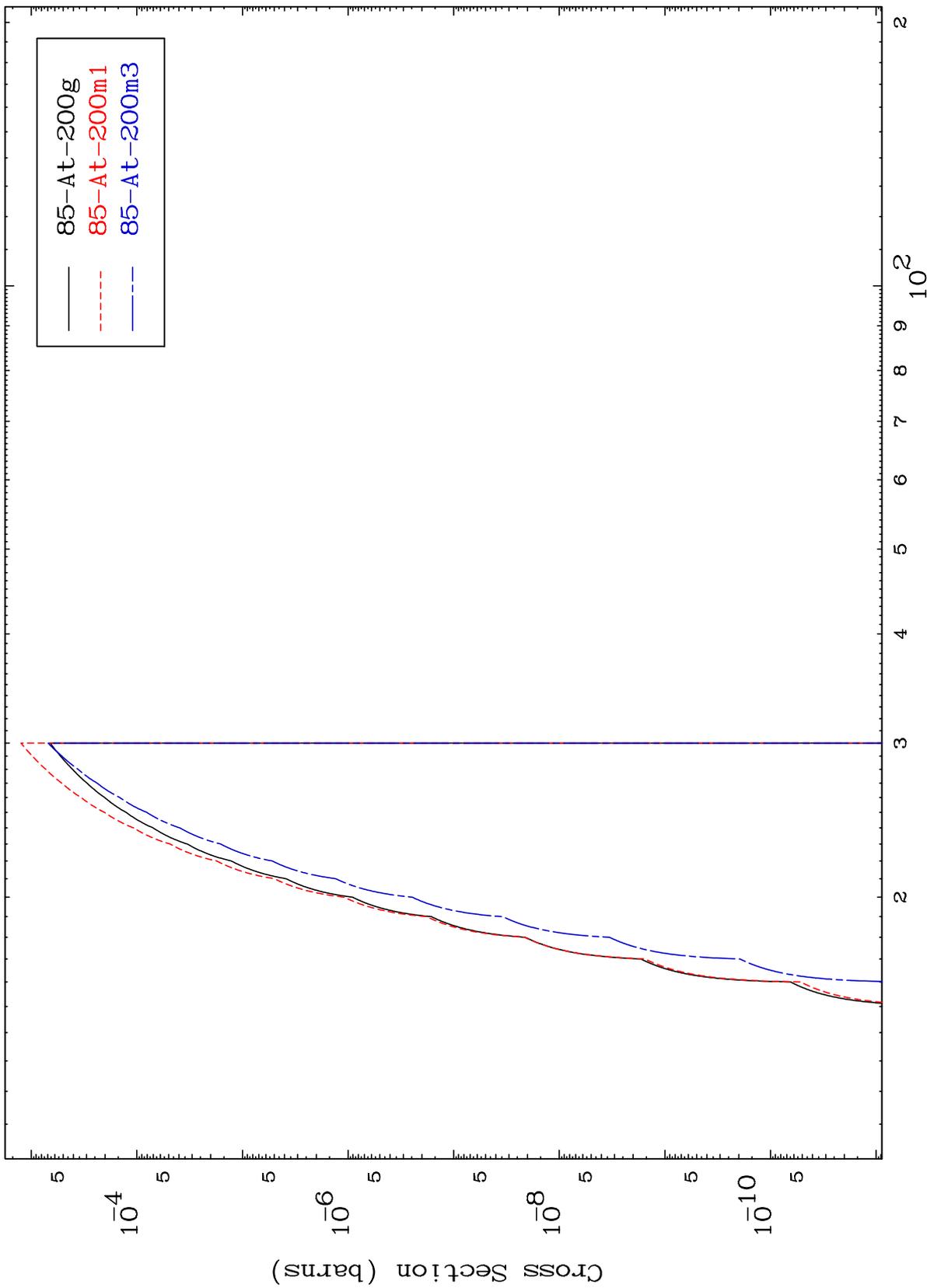
82-Pb-193g
82-Pb-193m1

Incident Energy (MeV)

86-Rn-202

77

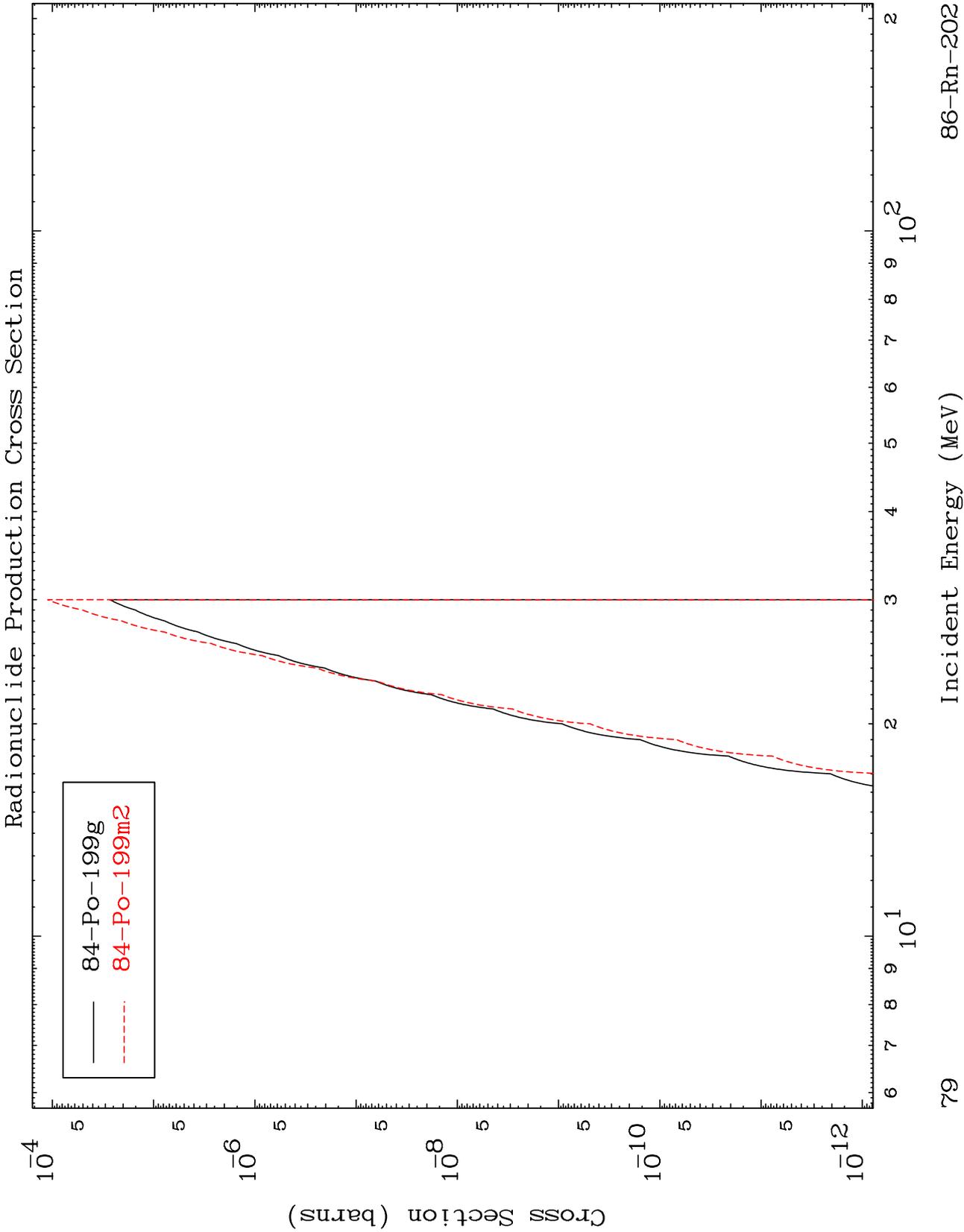
(n,n') d
Radionuclide Production Cross Section



MAT 8598

(n,n') He-3

86-Rn-202



79

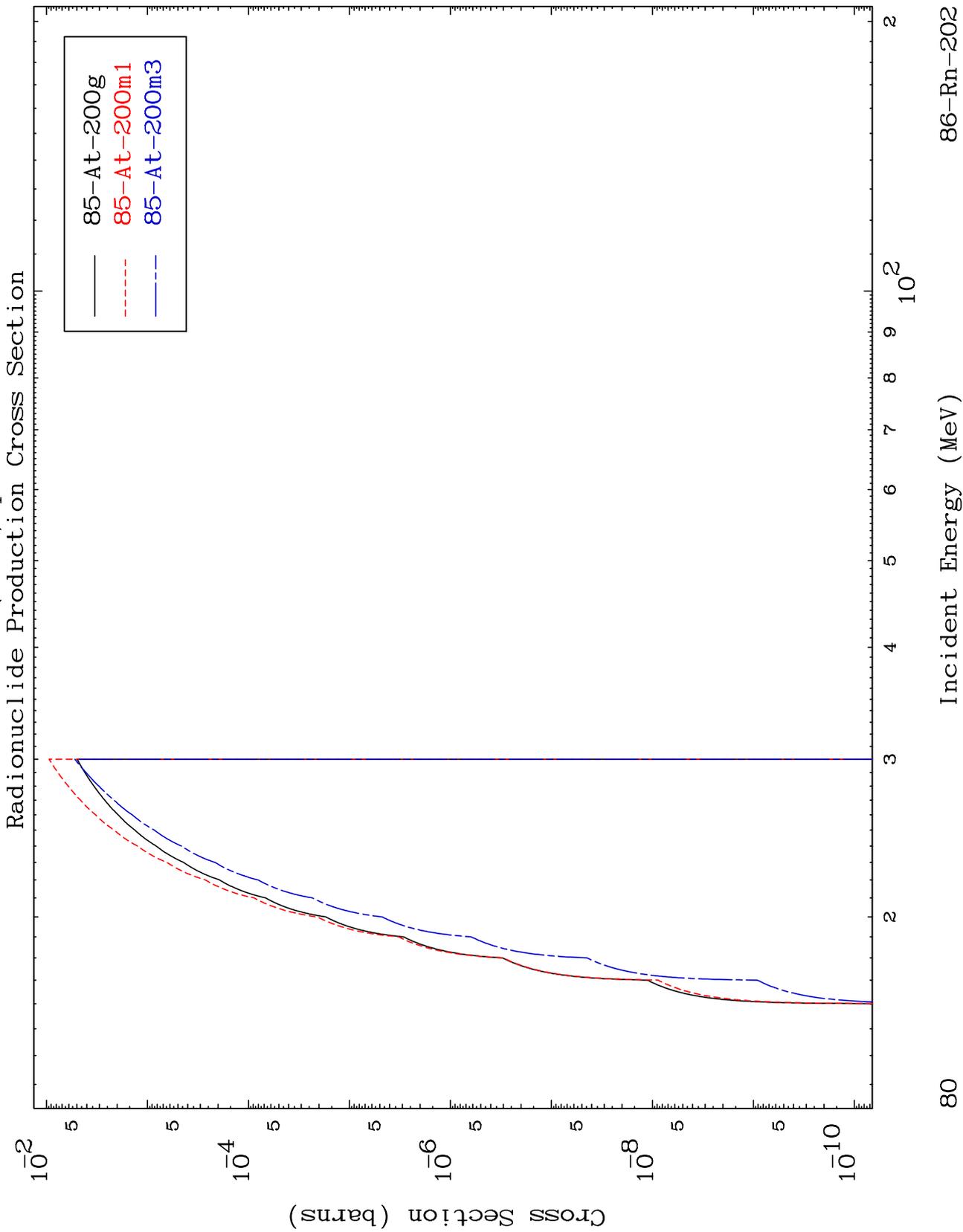
86-Rn-202

86-Rn-202

MAT 8598

(n,2n) p

86-Rn-202



80

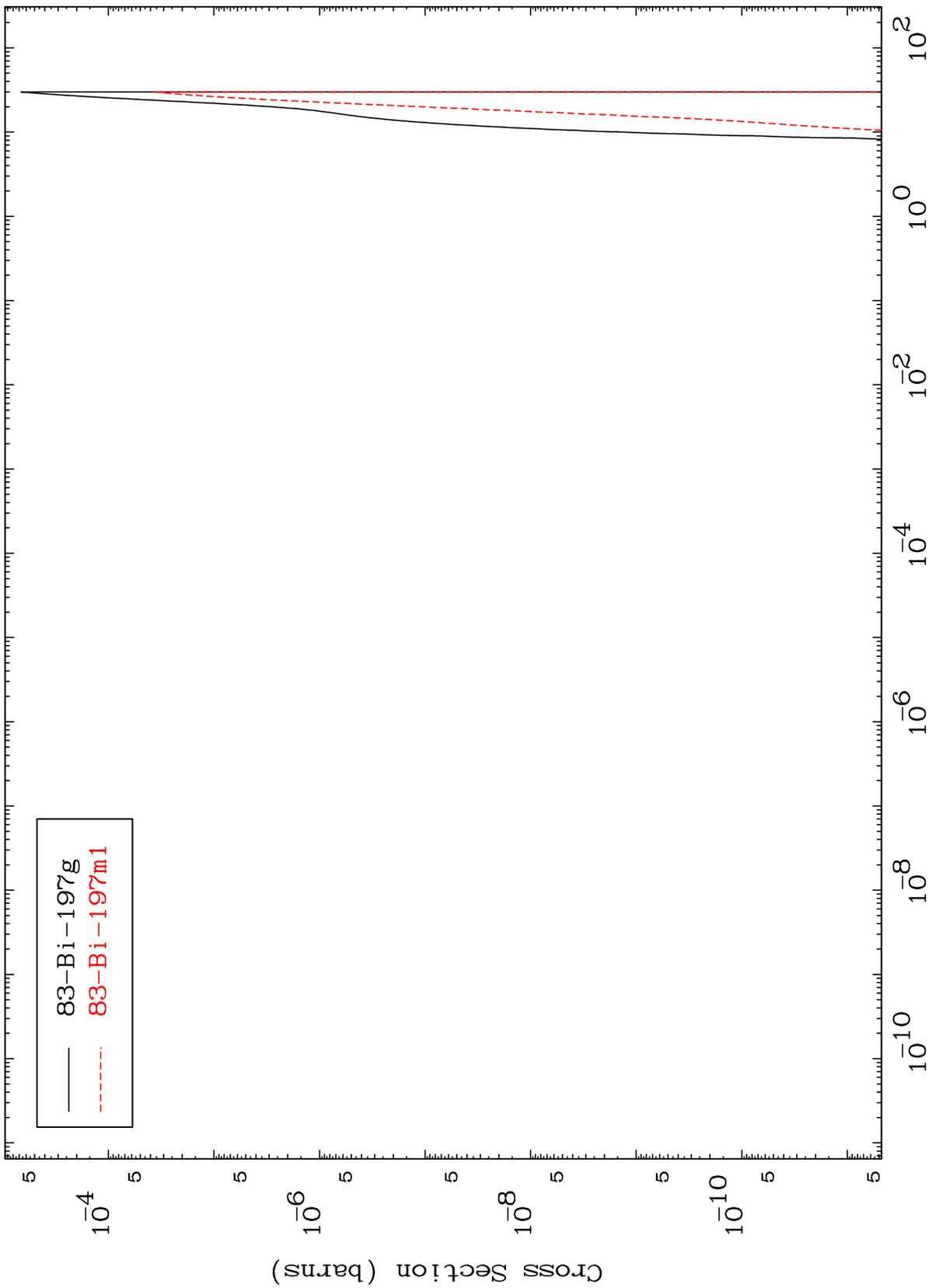
86-Rn-202

MAT 8598

(n,n') p α

86-Rn-202

Radionuclide Production Cross Section



81

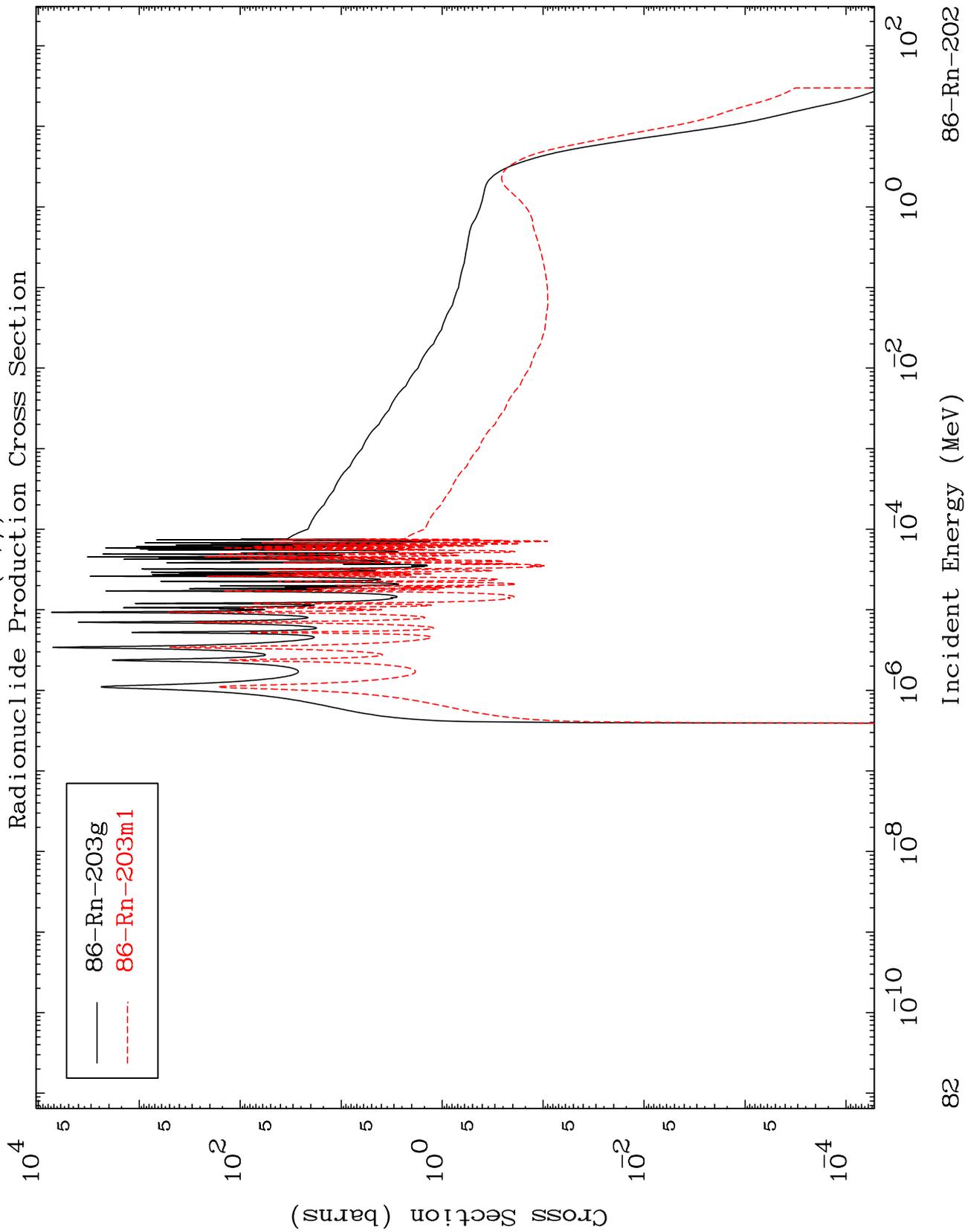
Incident Energy (MeV)

86-Rn-202

MAT 8598

86-Rn-202

Radionuclide Production Cross Section
(n, γ)



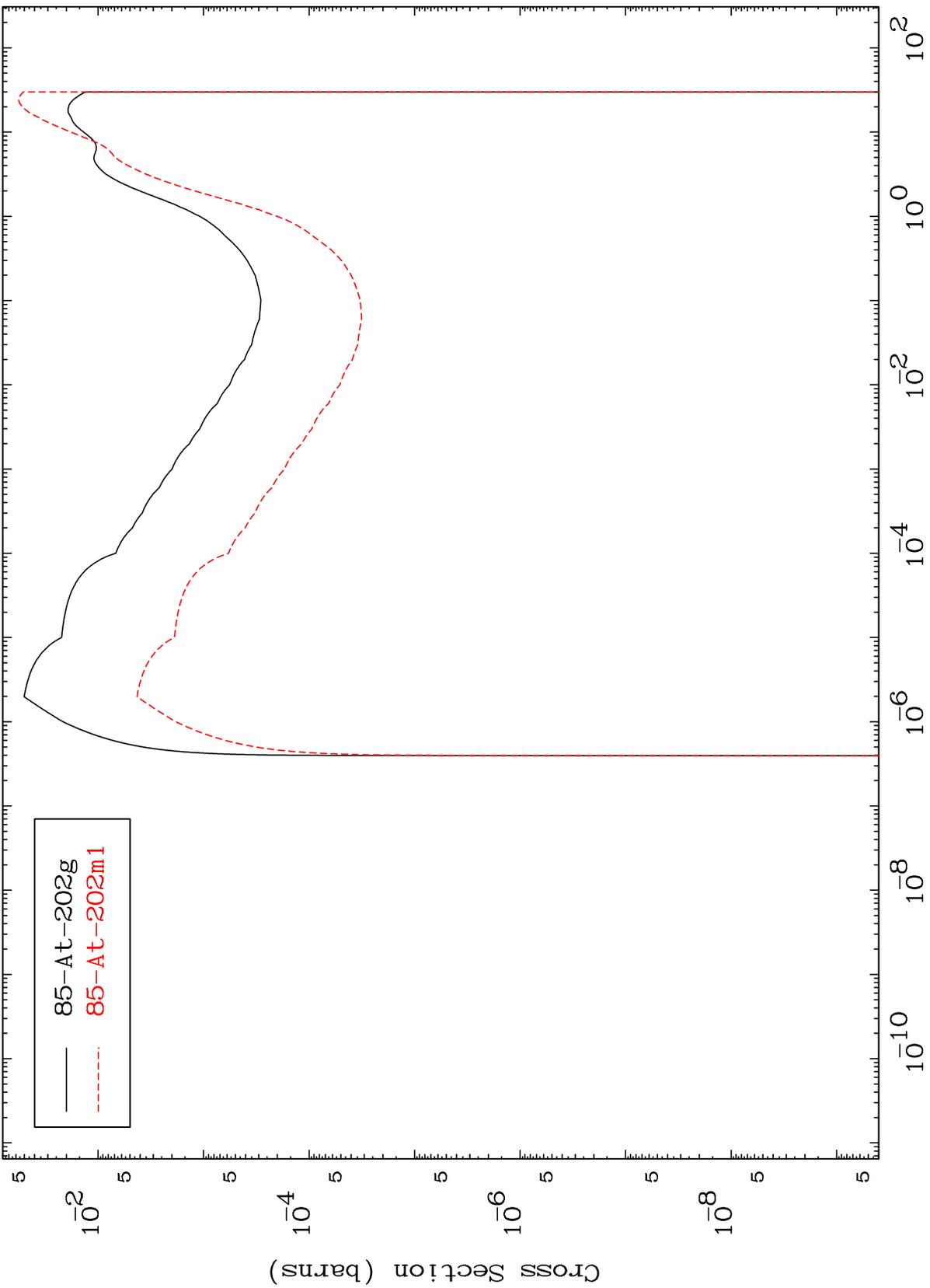
82

86-Rn-202

MAT 8598

86-Rn-202

(n,p)
Radionuclide Production Cross Section



— 85-At-202g
- - - 85-At-202m1

83

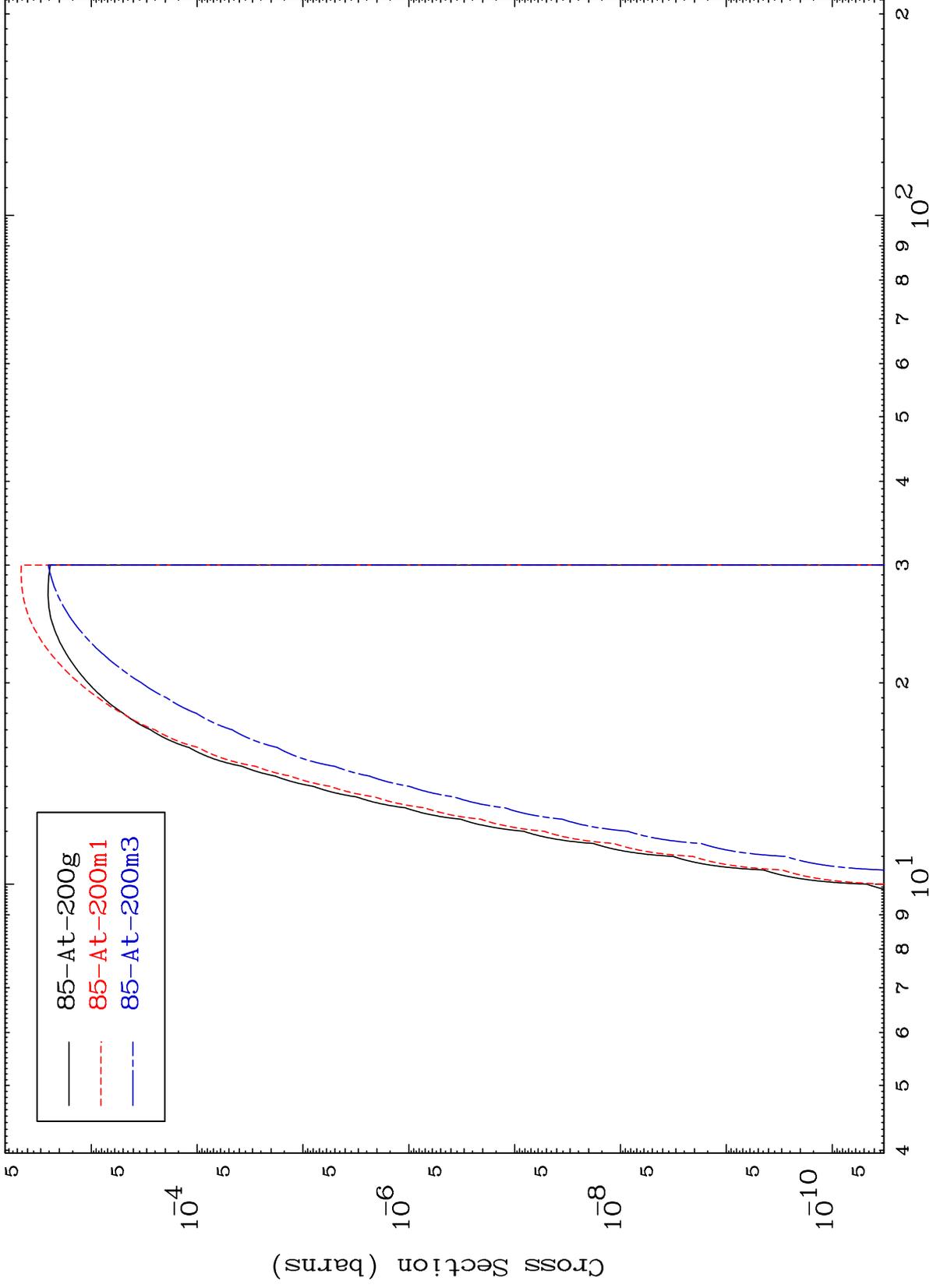
86-Rn-202

Incident Energy (MeV)

MAT 8598

86-Rn-202

(n, t)
Radionuclide Production Cross Section



84

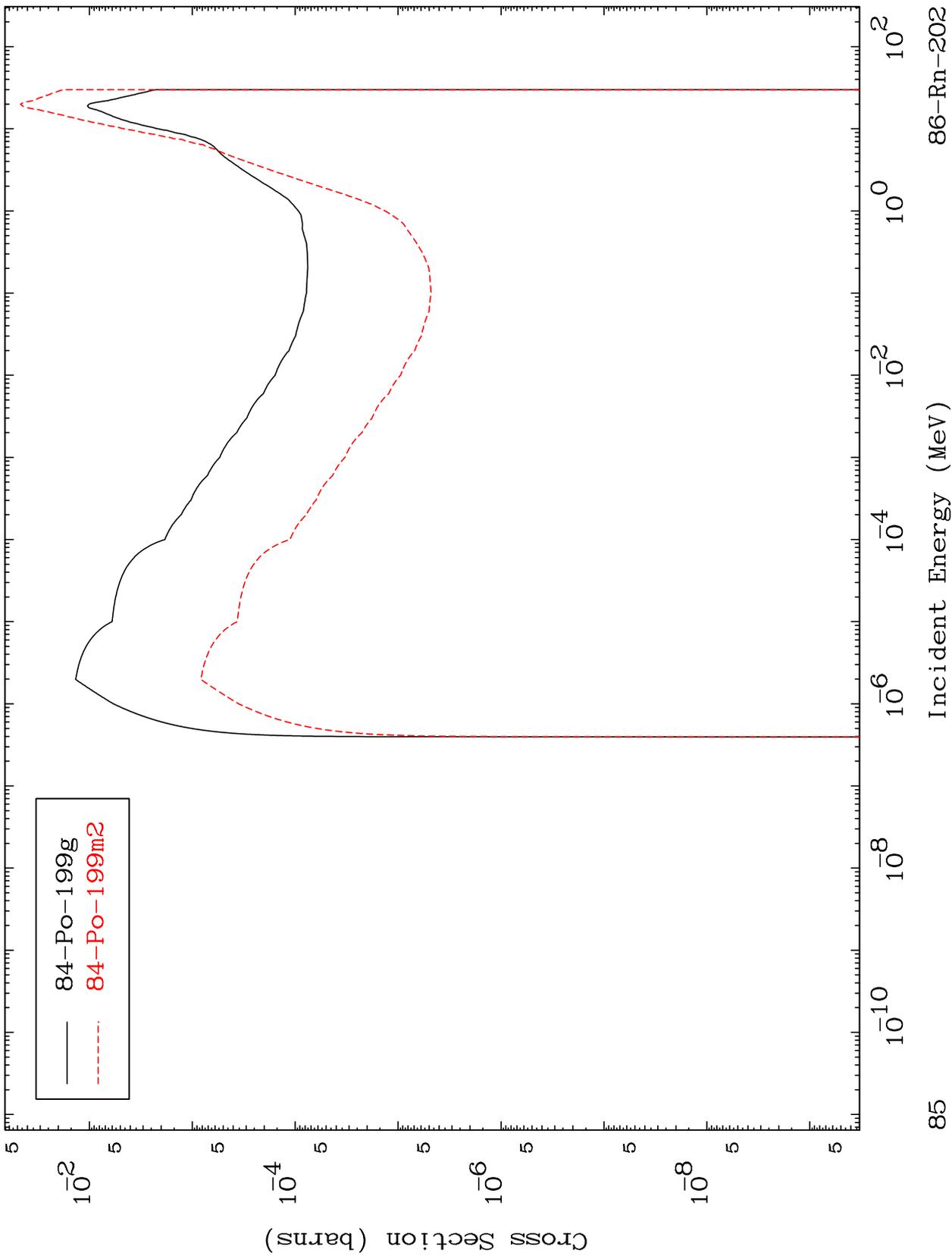
Incident Energy (MeV)

86-Rn-202

MAT 8598

86-Rn-202

Radionuclide Production Cross Section
(n, α)



84-Po-199g
84-Po-199m2

85

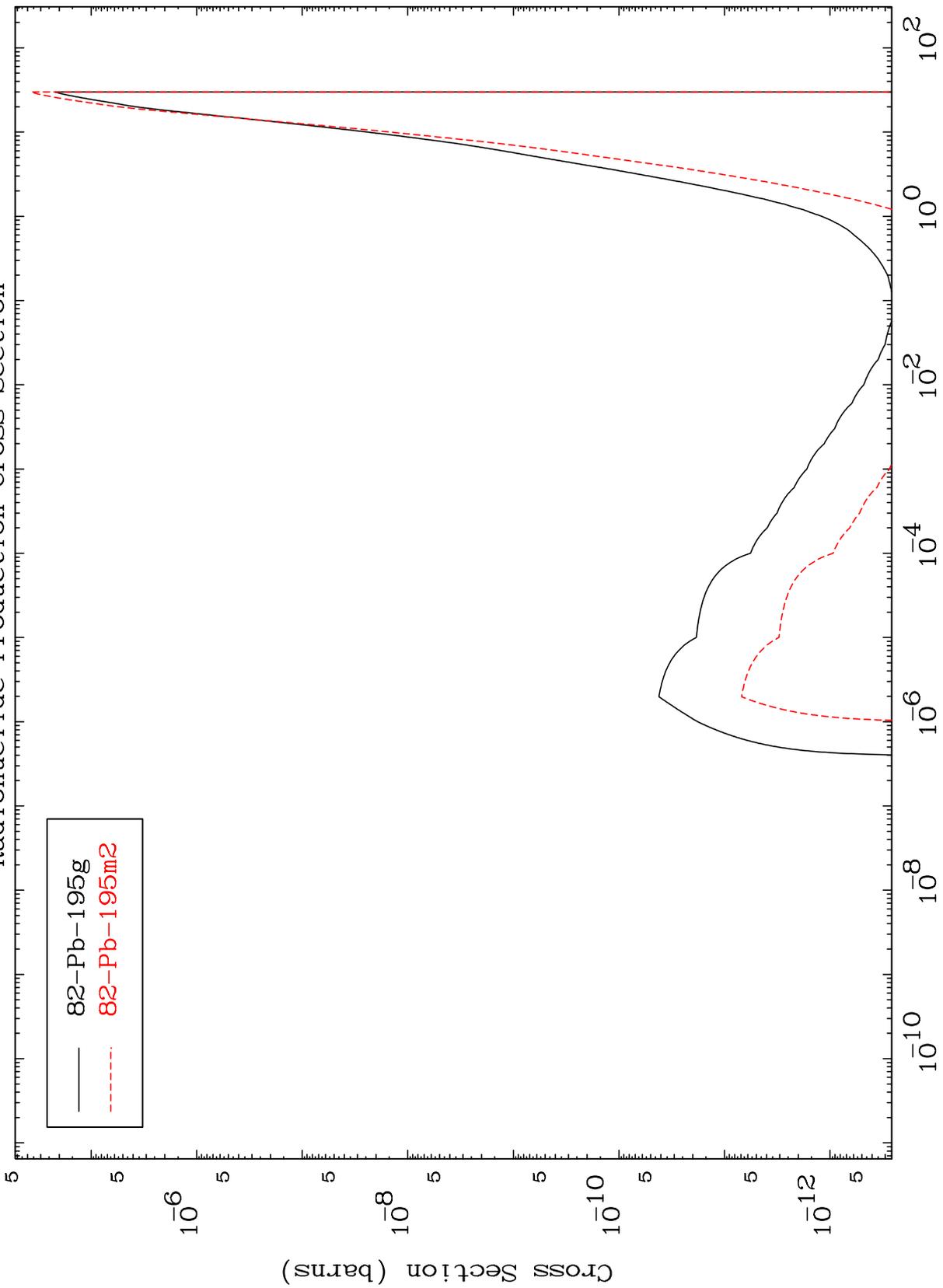
86-Rn-202

MAT 8598

(n,2α)

86-Rn-202

Radionuclide Production Cross Section



— 82-Pb-195g
- - - 82-Pb-195m2

86

Incident Energy (MeV)

86-Rn-202

MAT 8598

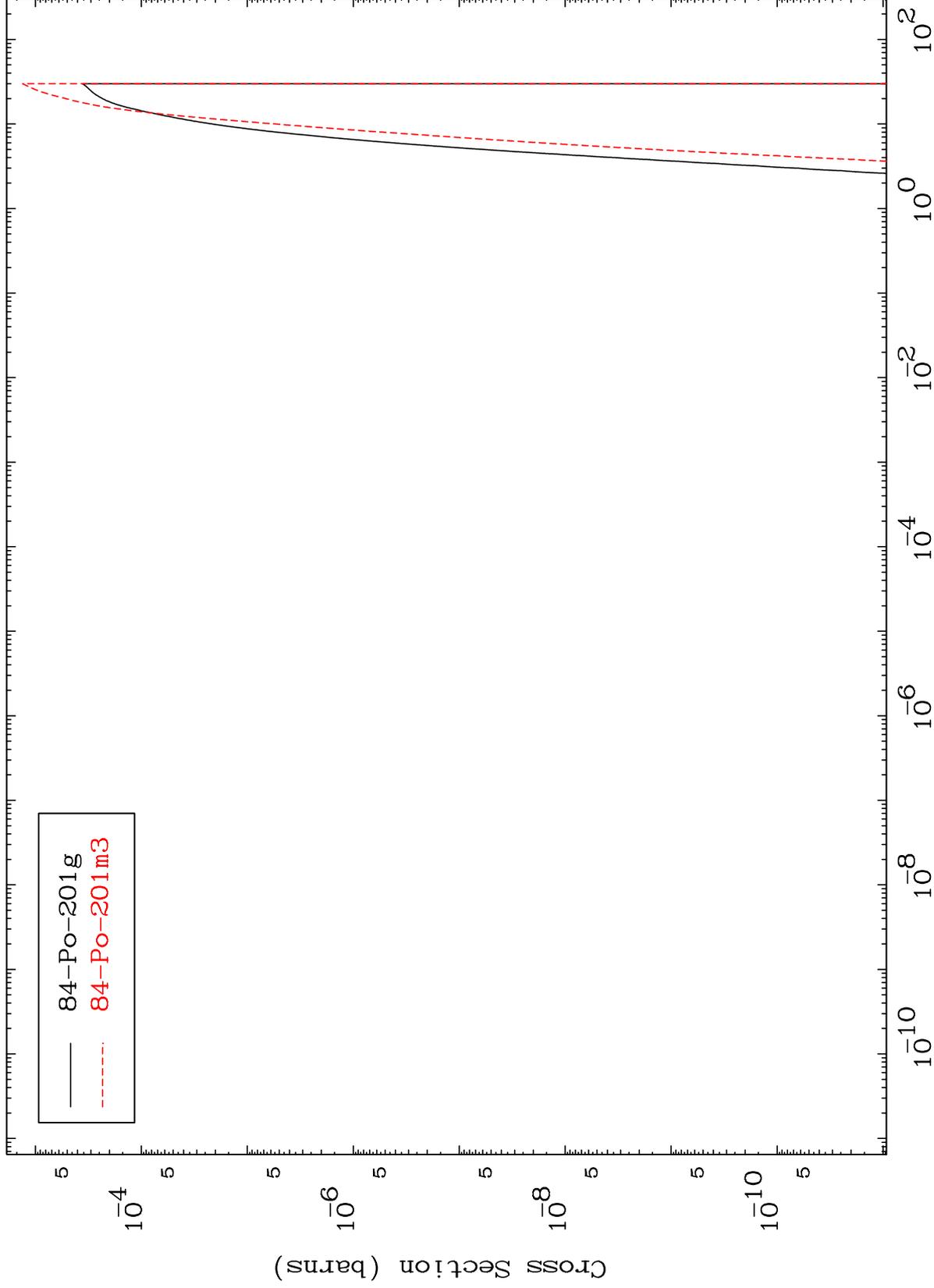
86-Rn-202

Incident Energy (MeV)

86-Rn-202

87

Radionuclide Production Cross Section
(n,2p)

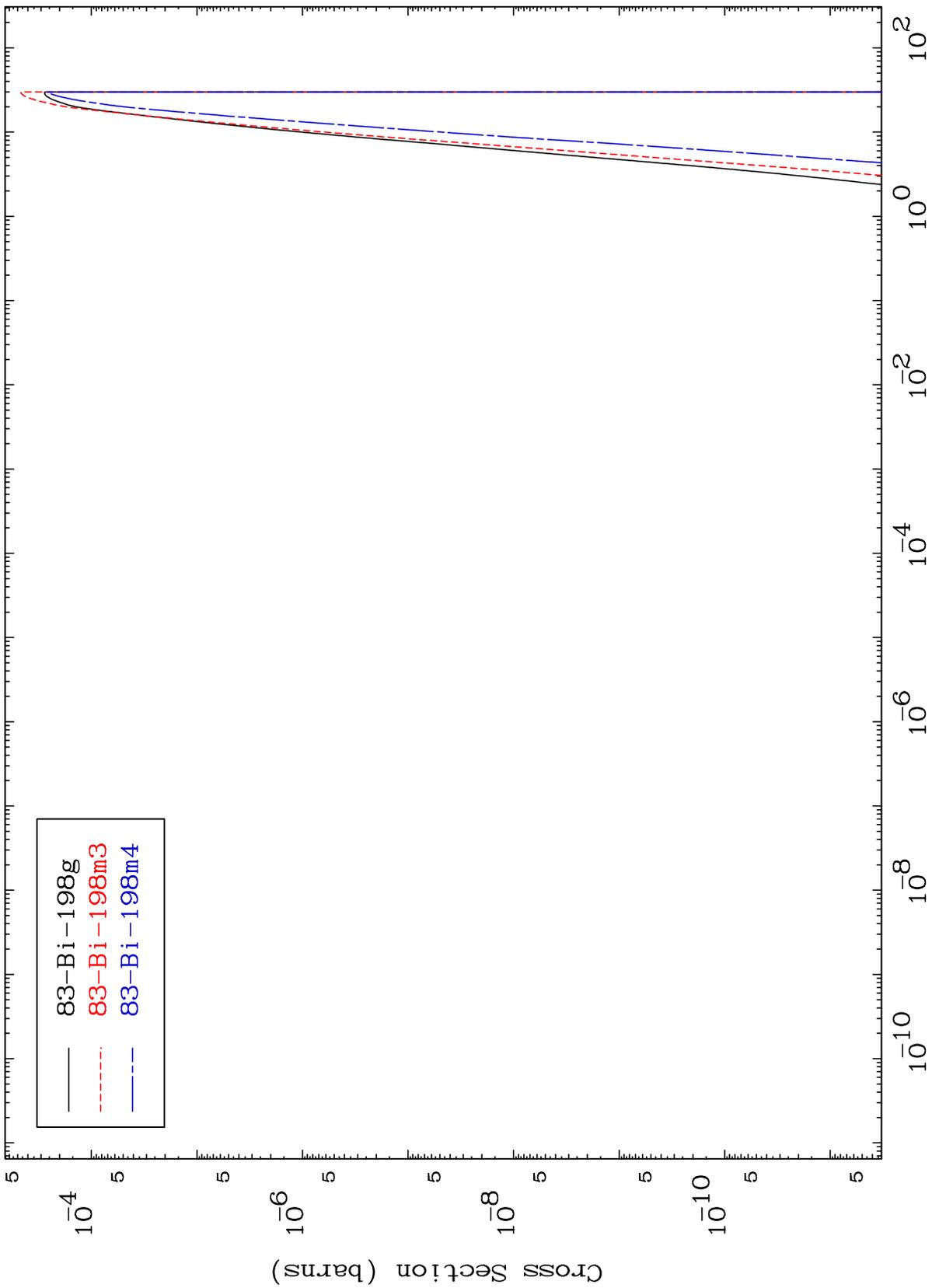


MAT 8598

(n,p) α

86-Rn-202

Radionuclide Production Cross Section



88

Incident Energy (MeV)

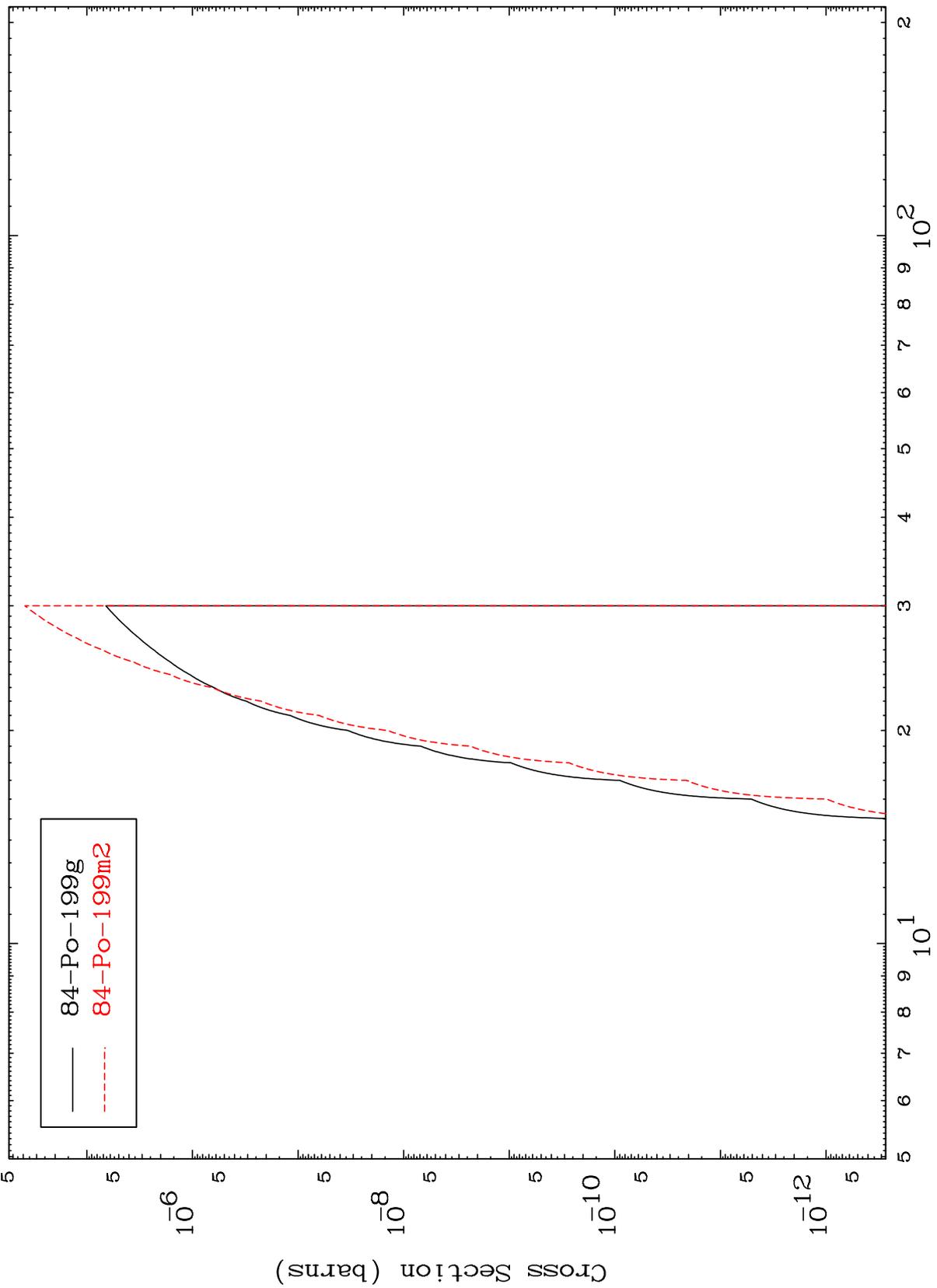
86-Rn-202

MAT 8598

(n,p) t

86-Rn-202

Radionuclide Production Cross Section



84-Po-199g
84-Po-199m2

89

Incident Energy (MeV)

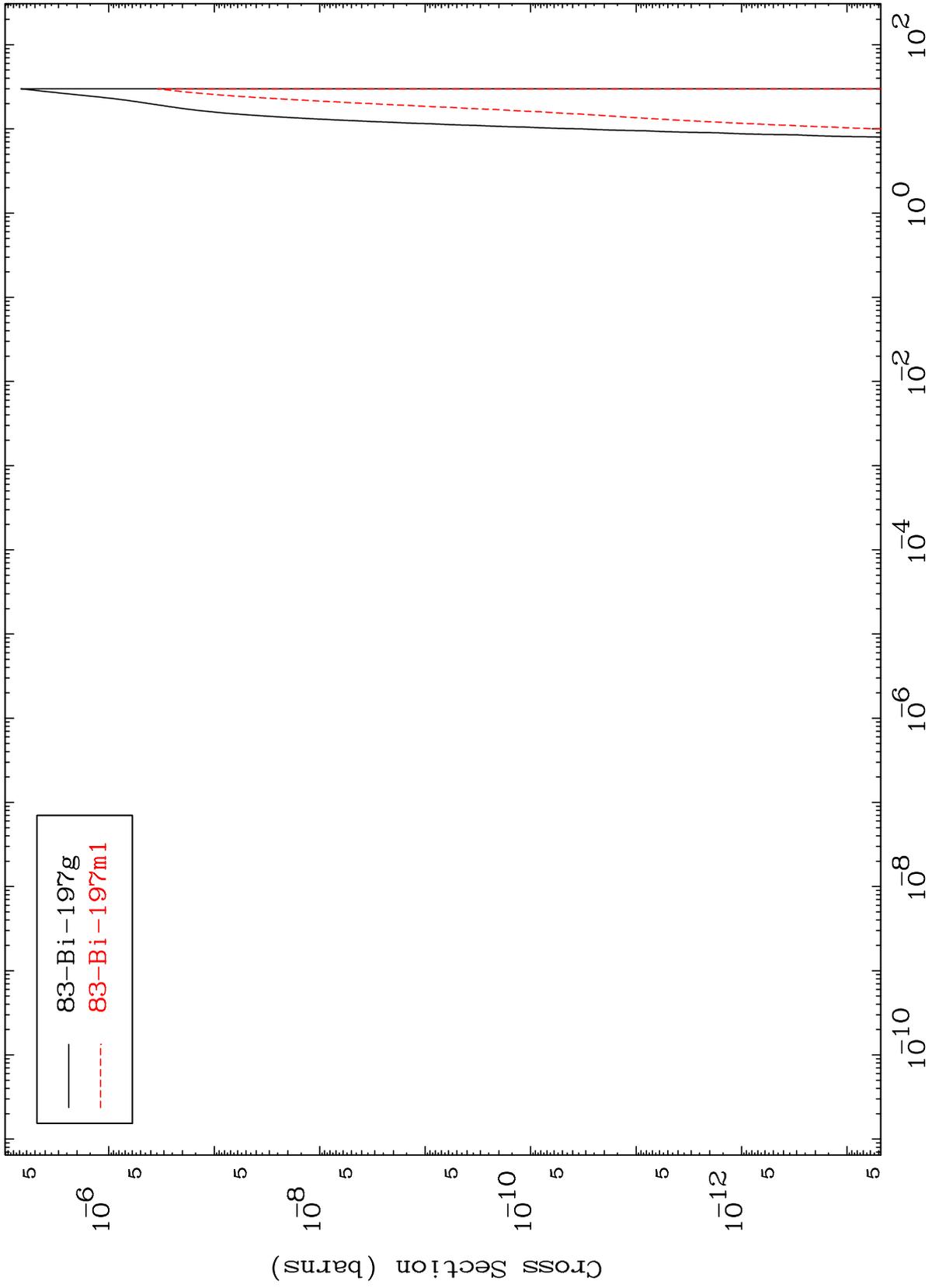
86-Rn-202

MAT 8598

(n,d) α

86-Rn-202

Radionuclide Production Cross Section



90

Incident Energy (MeV)

86-Rn-202