

Program EVALPLOT  
(Version 2021-1)

by

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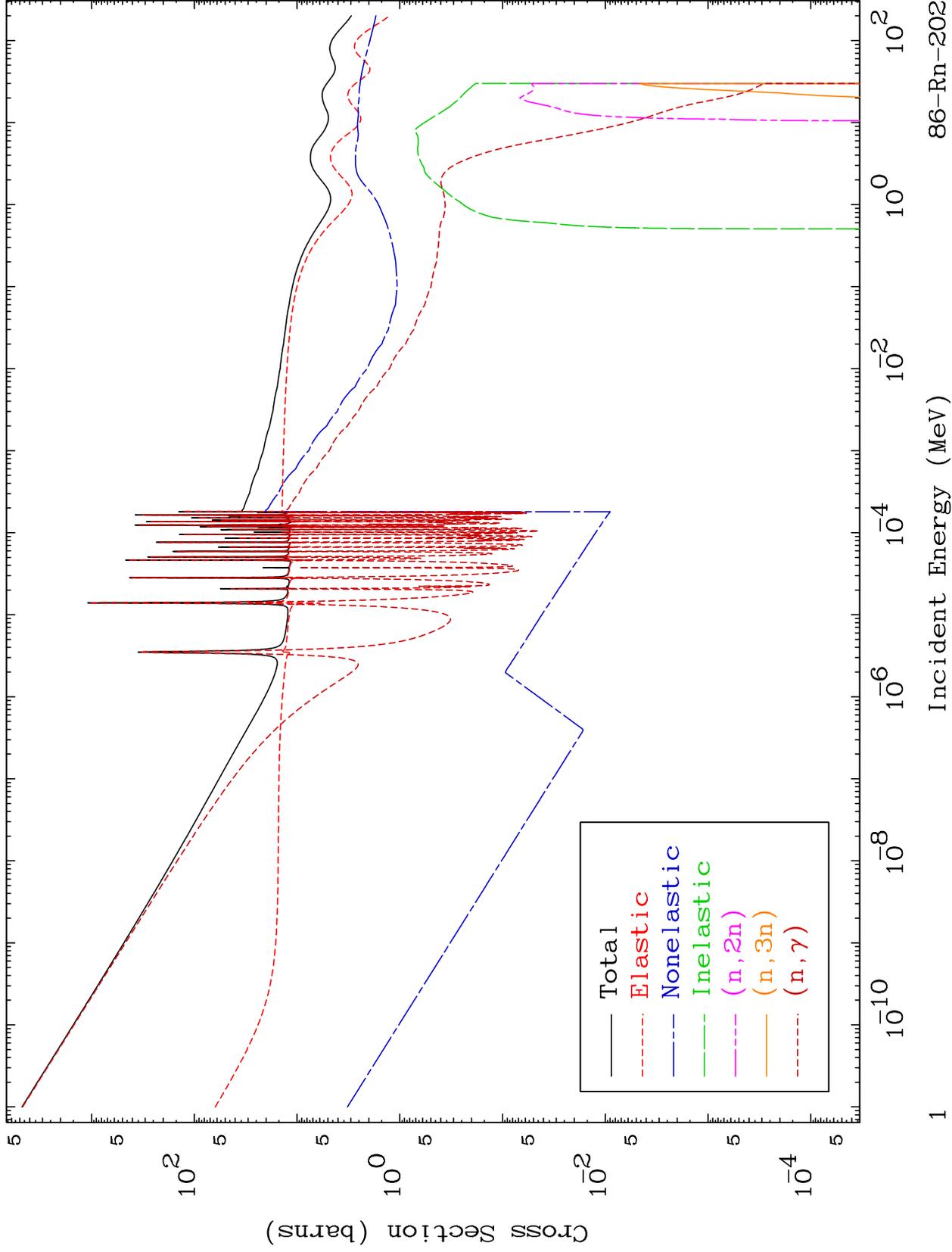
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Press Mouse Button to Start

MAT 8598

Neutron Major  
293 Kelvin Cross Sections

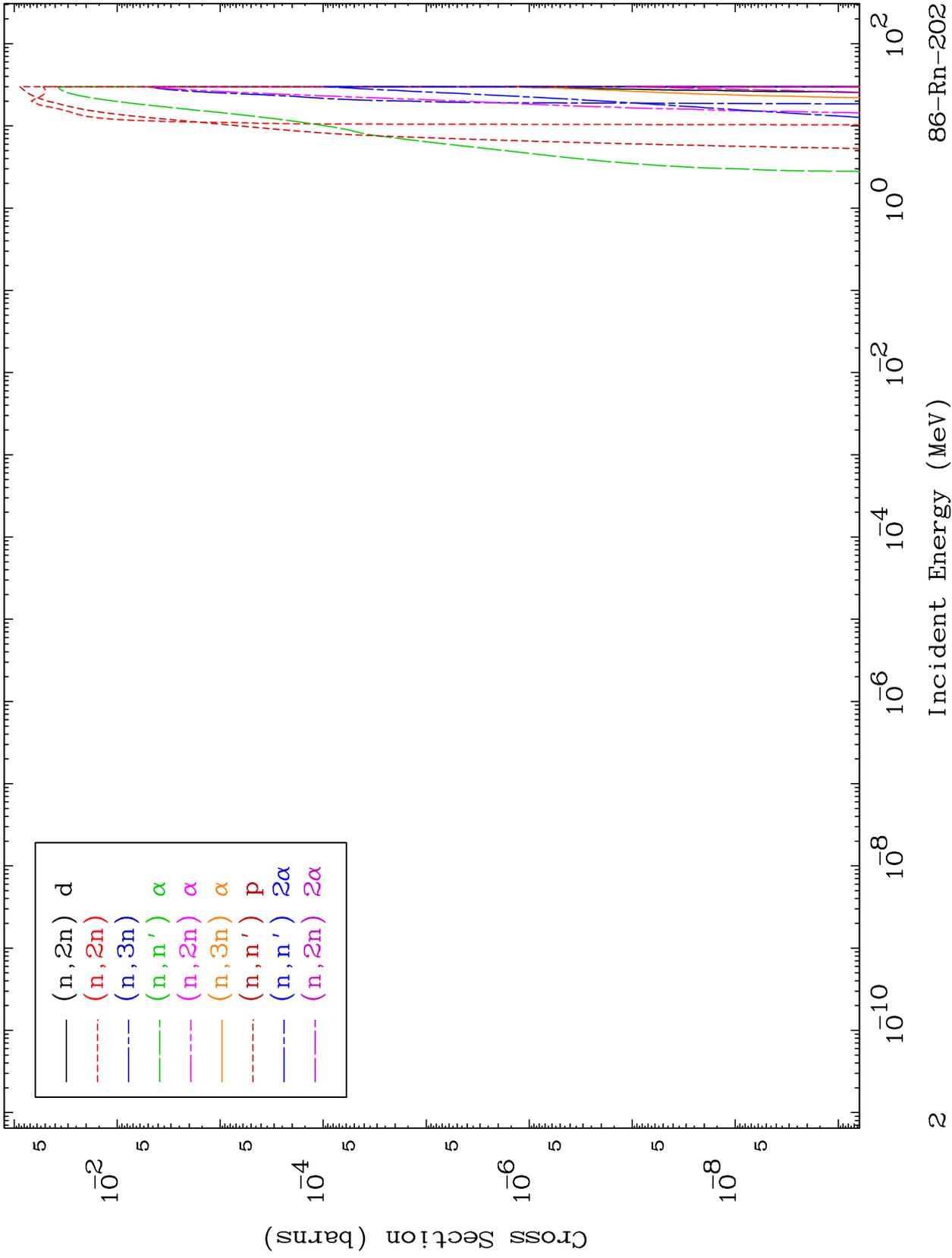
86-Rn-202



MAT 8598

Neutron Absorption  
293 Kelvin Cross Sections

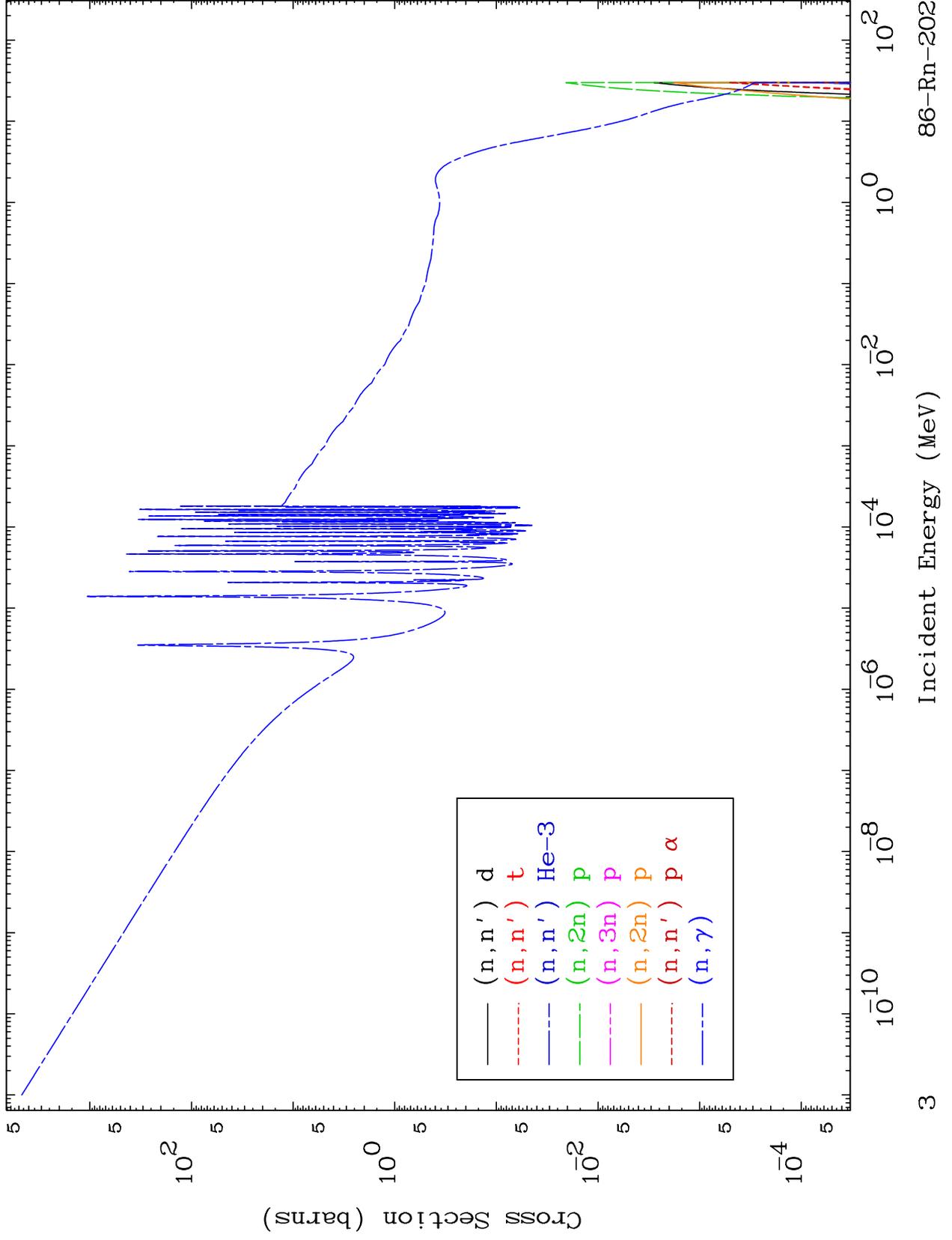
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MAT 8598

Neutron Absorption  
293 Kelvin Cross Sections

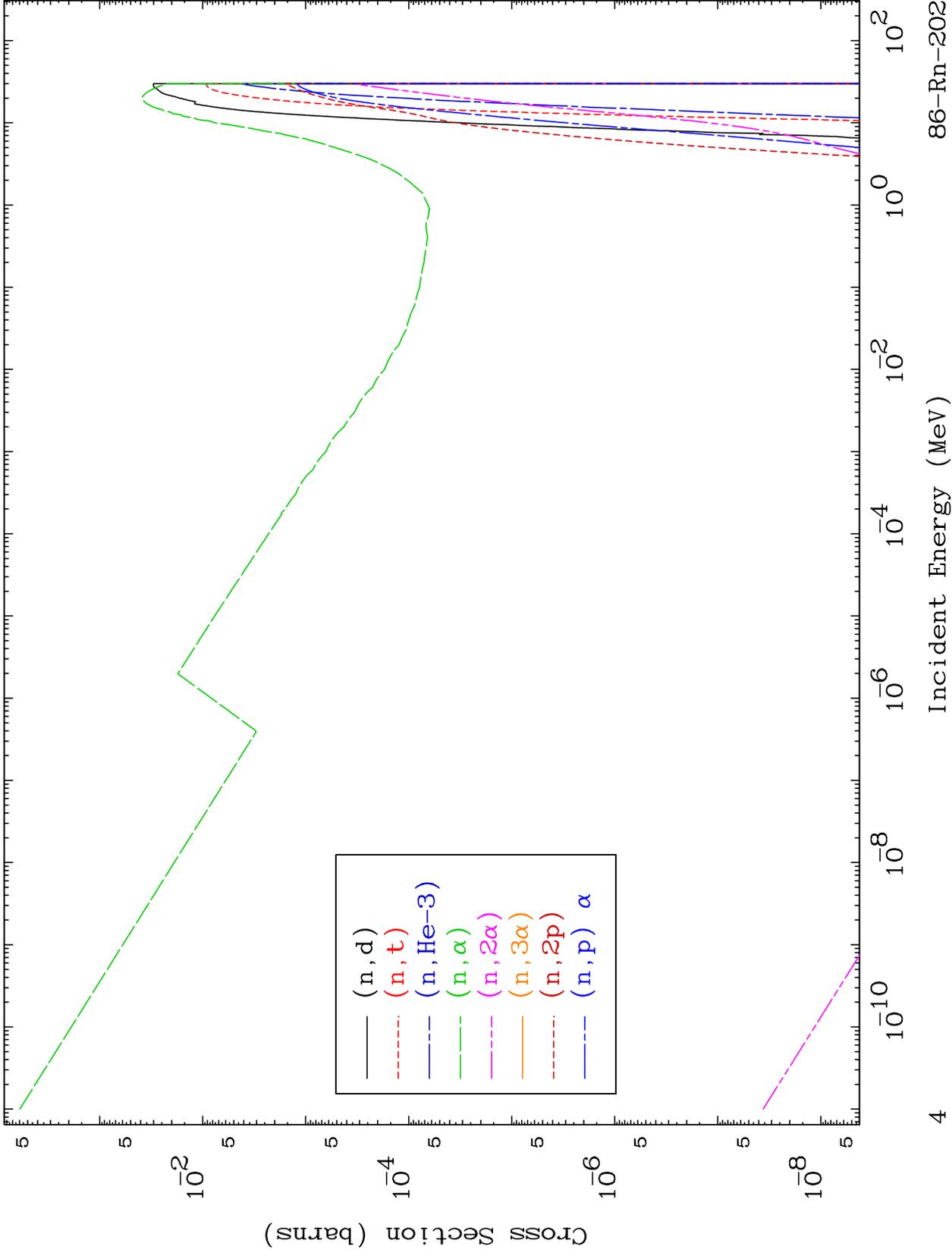
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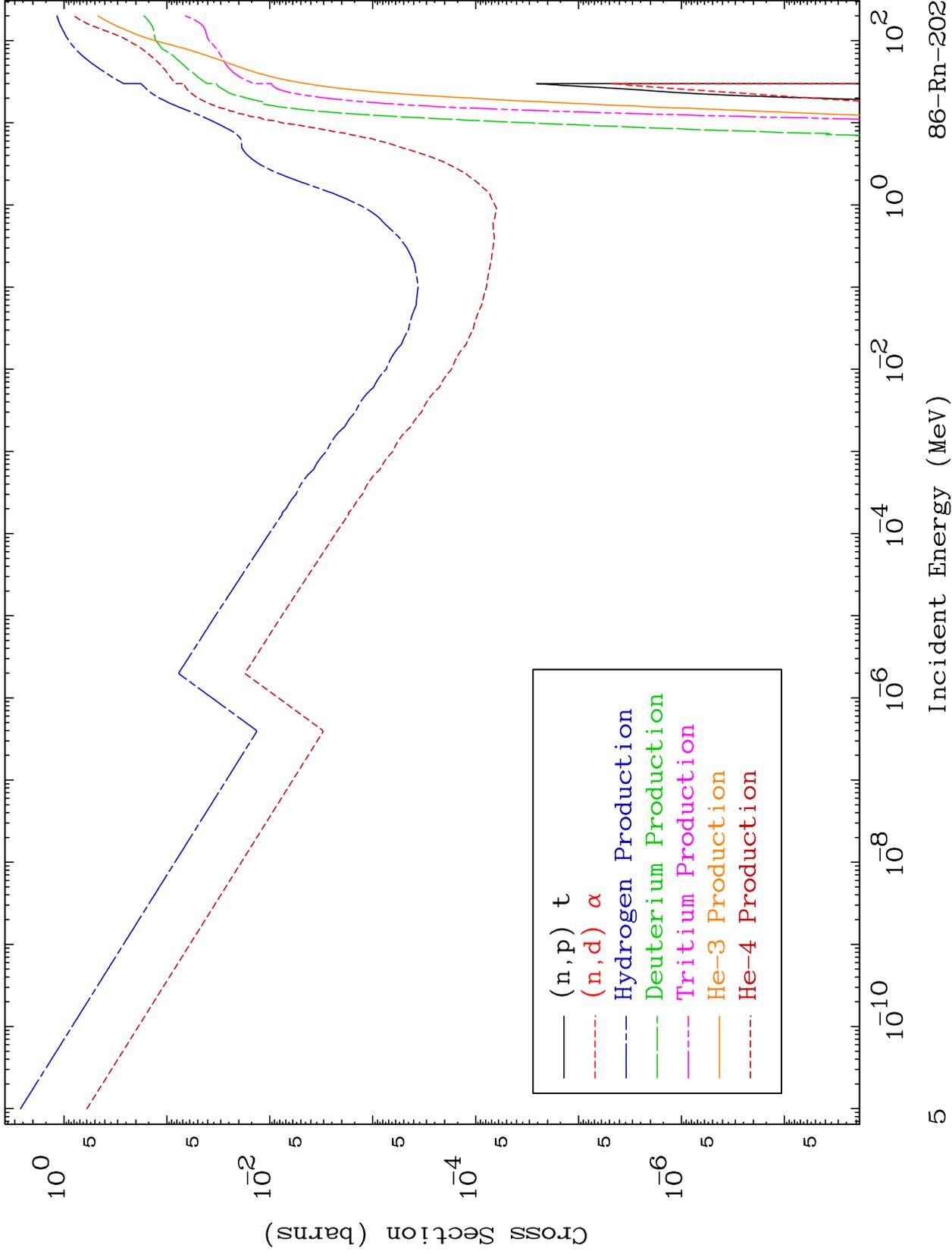


MAT 8598

Neutron Absorption  
293 Kelvin Cross Sections

86-Rn-202

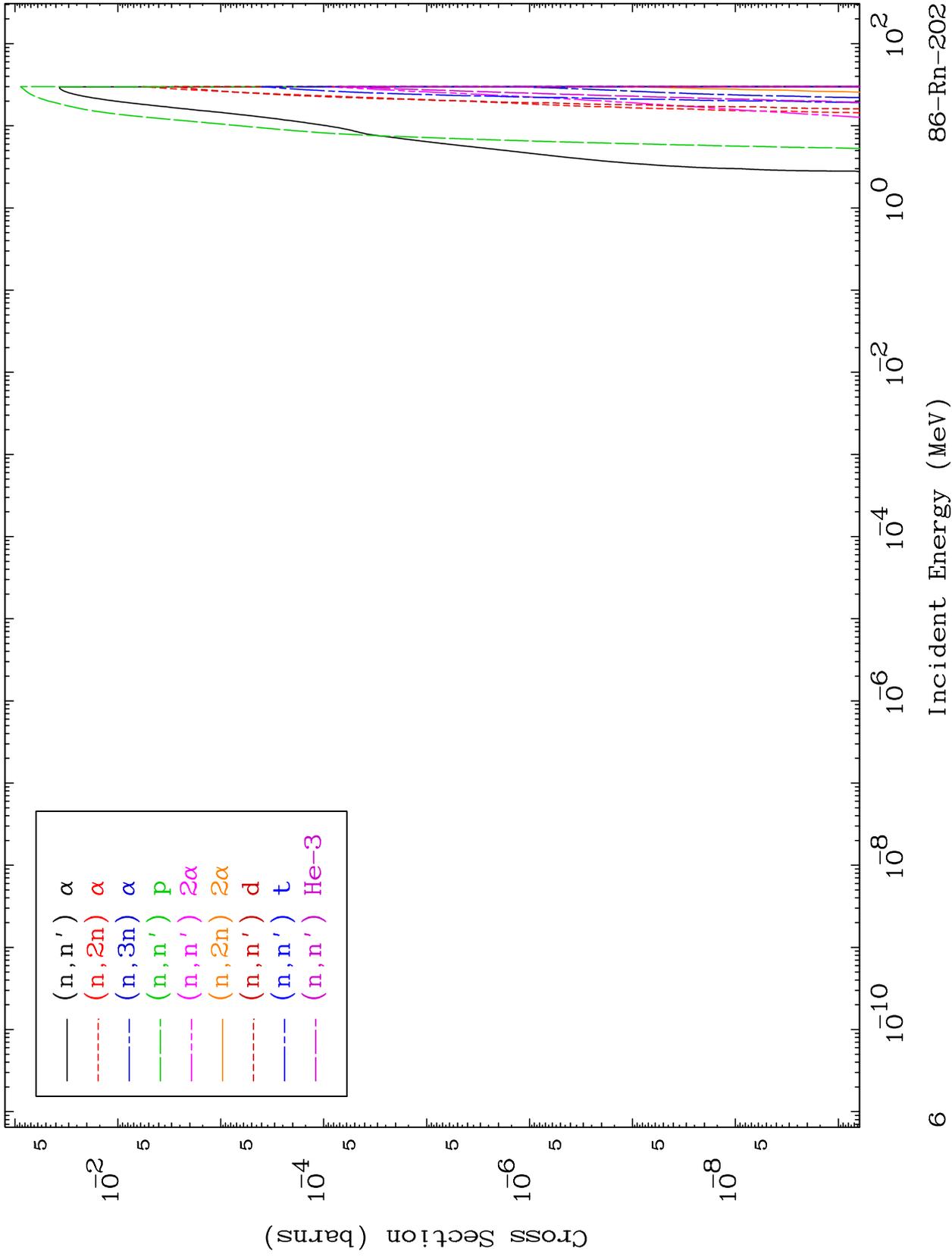




MAT 8598

Charged Particle  
293 Kelvin Cross Sections

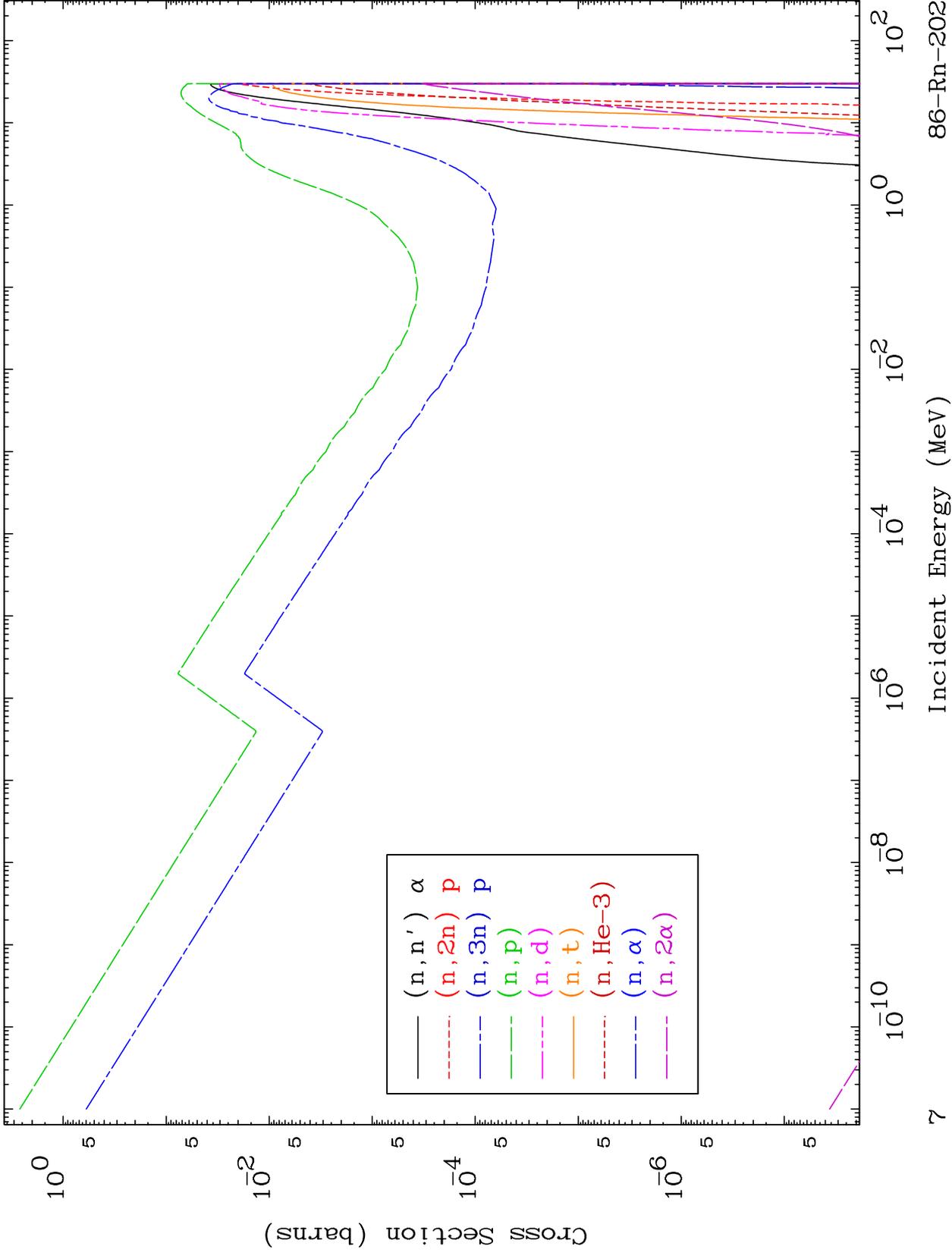
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Charged Particle  
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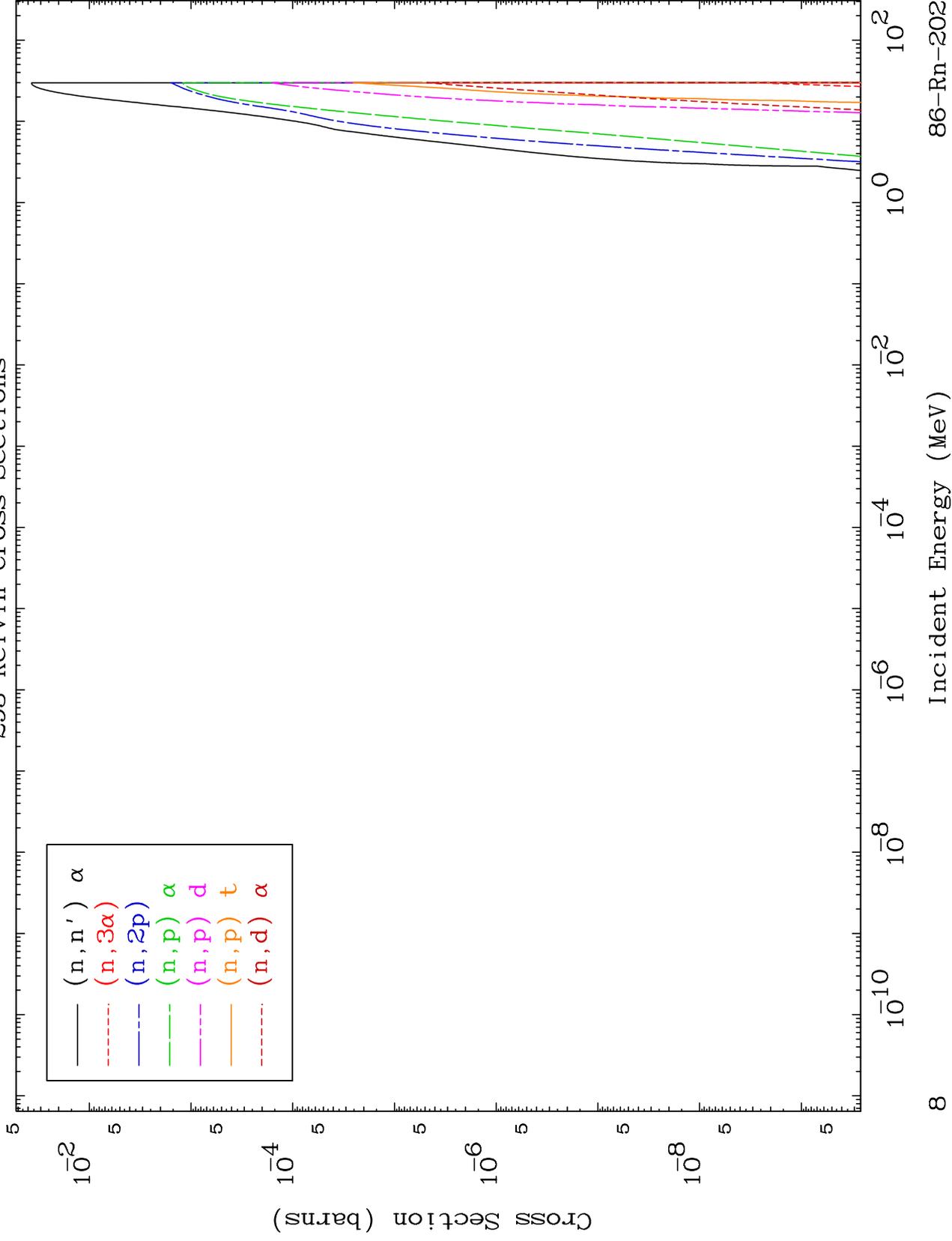
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Charged Particle  
293 Kelvin Cross Sections

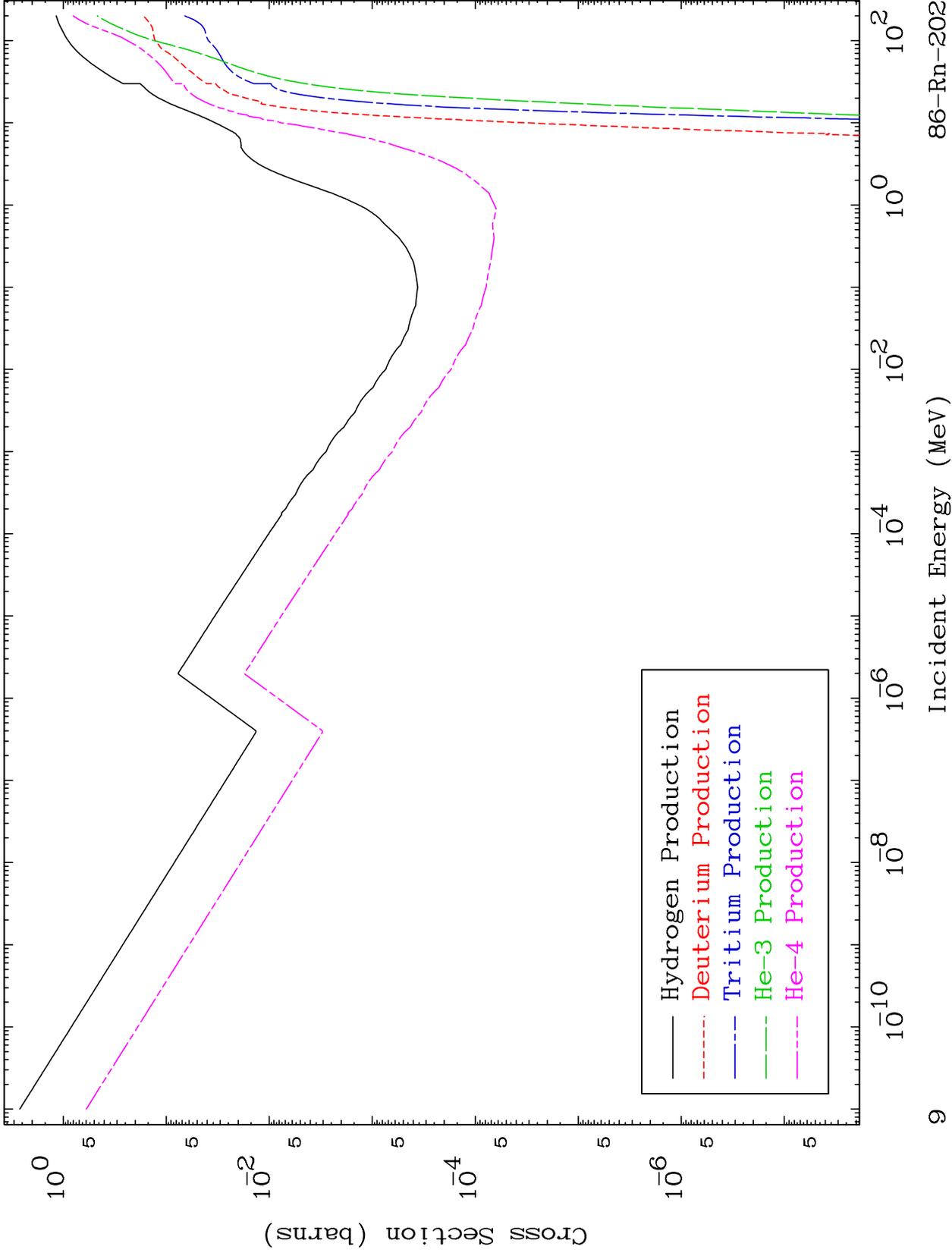
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MAT 8598

Particle Production  
293 Kelvin Cross Sections

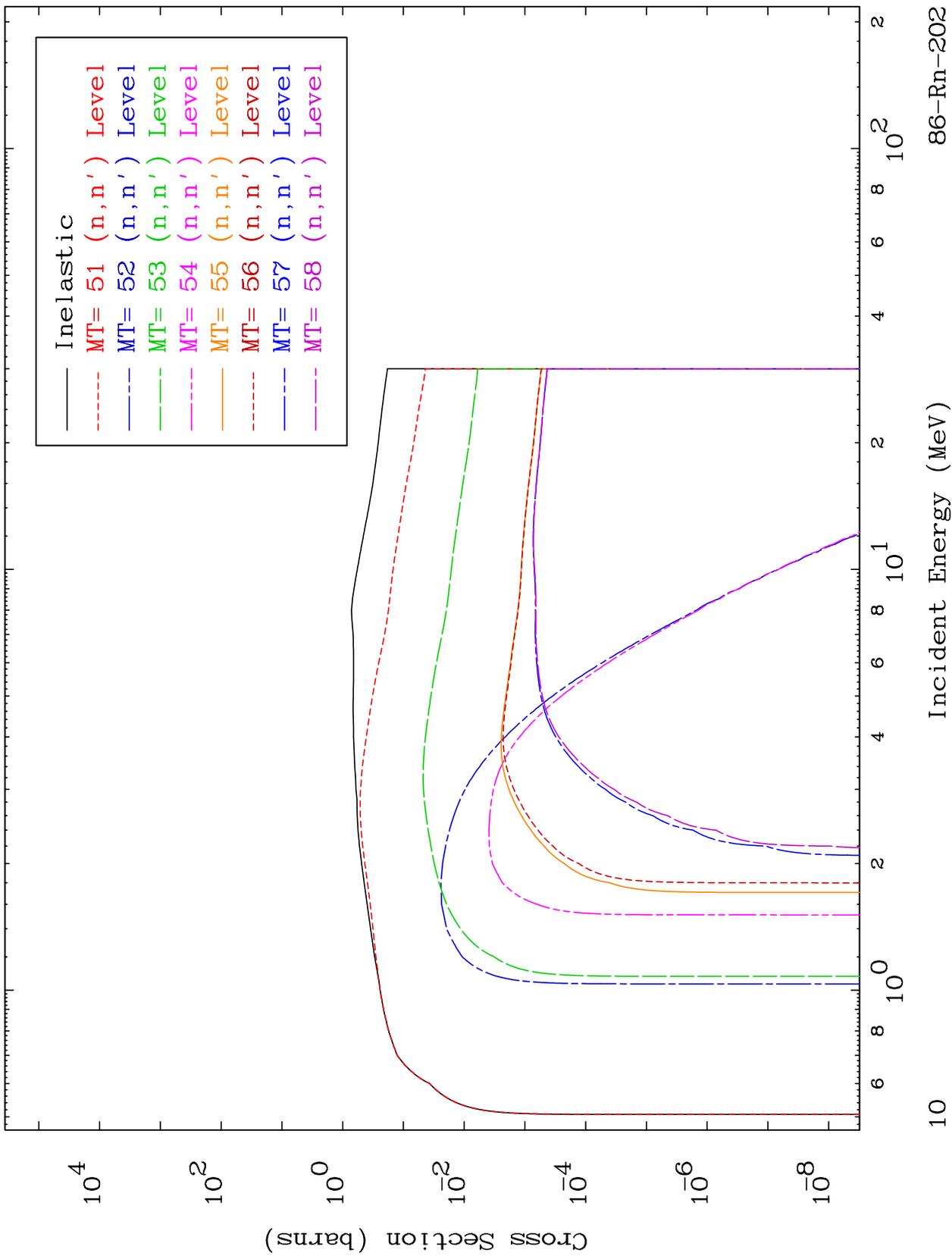
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MAT 8598

(n,n') Levels  
293 Kelvin Cross Sections

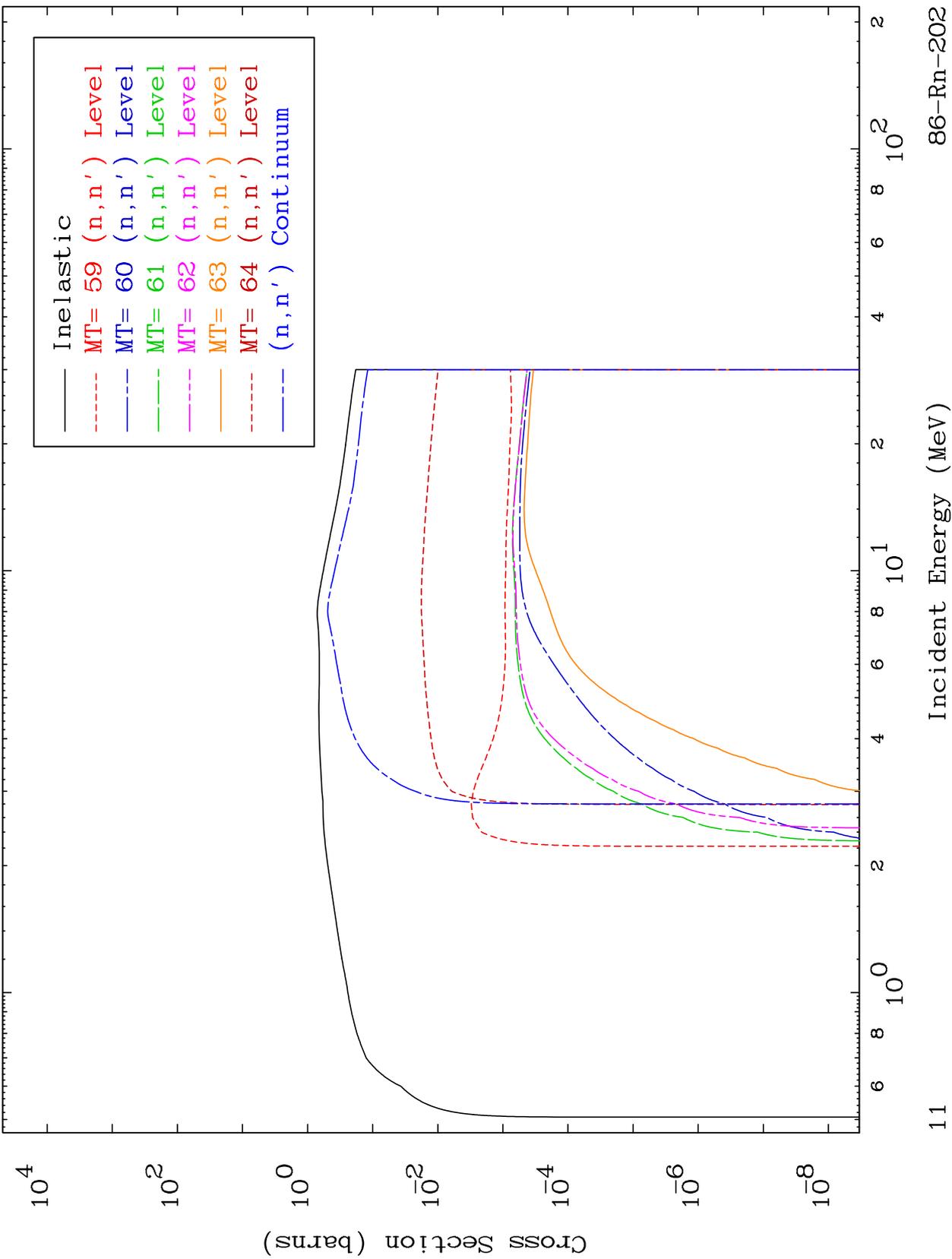
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10

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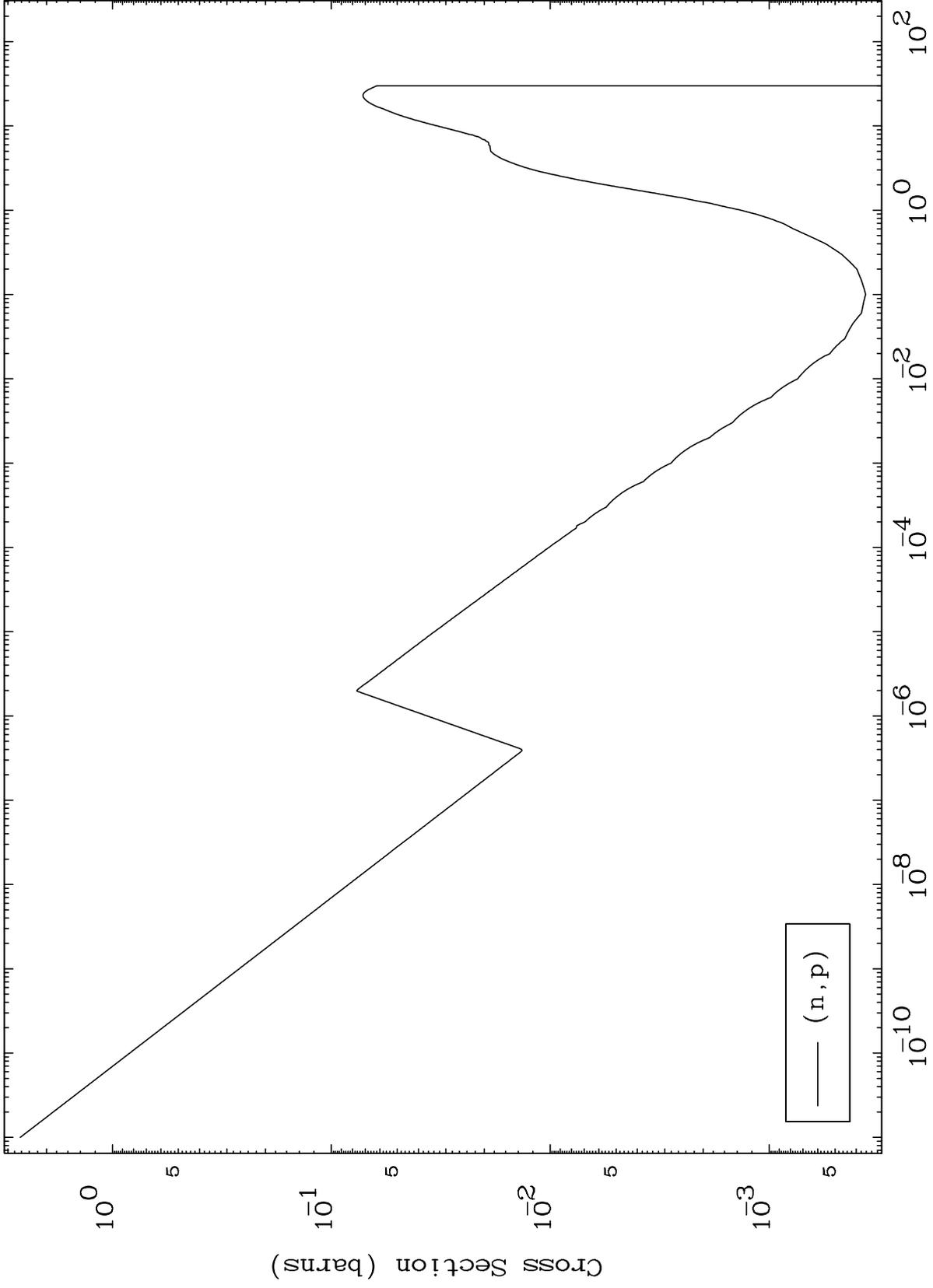
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MAT 8598

(n,p) Levels  
293 Kelvin Cross Sections

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12

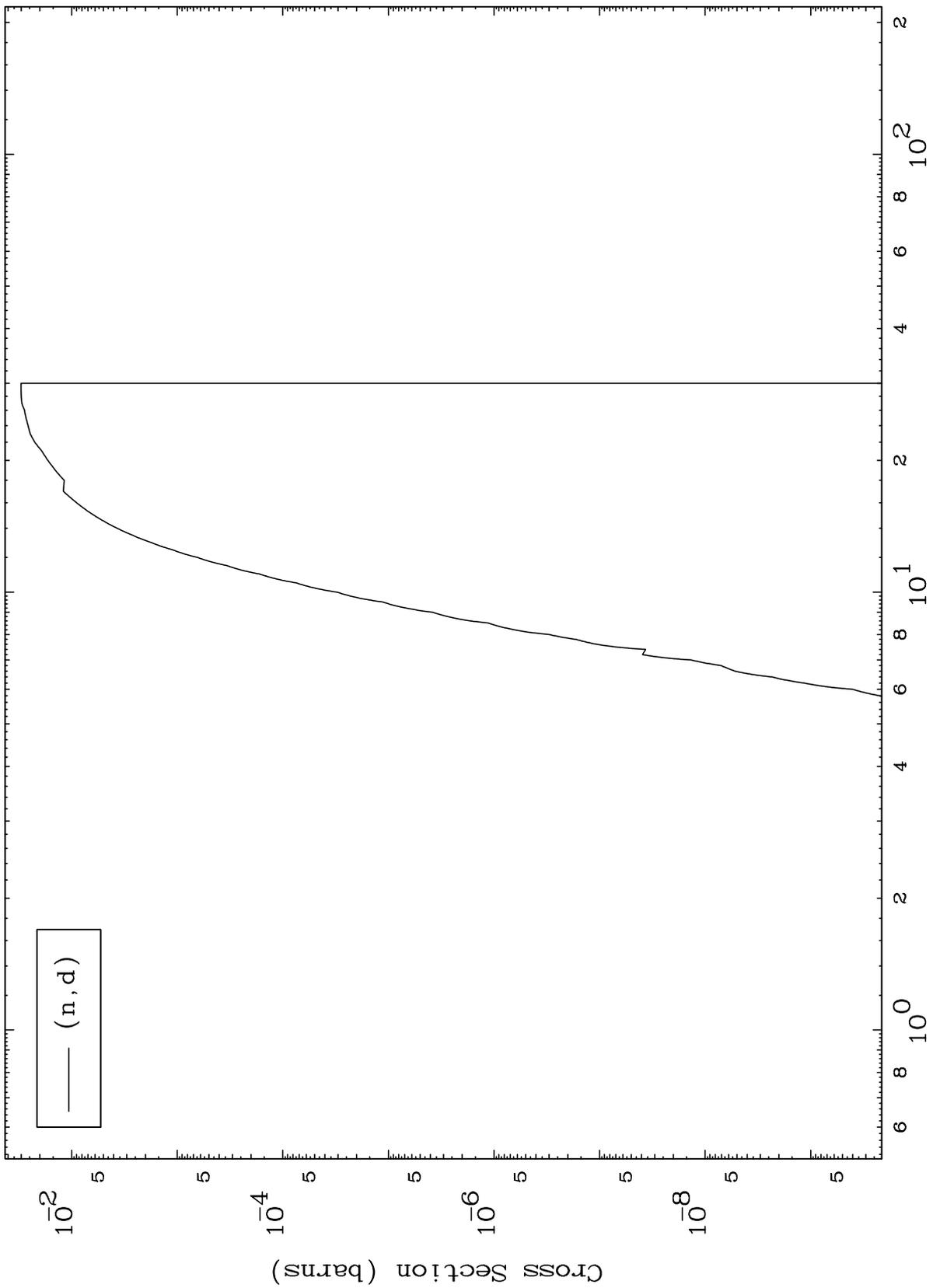
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MAT 8598

(n,d) Levels  
293 Kelvin Cross Sections

86-Rn-202



13

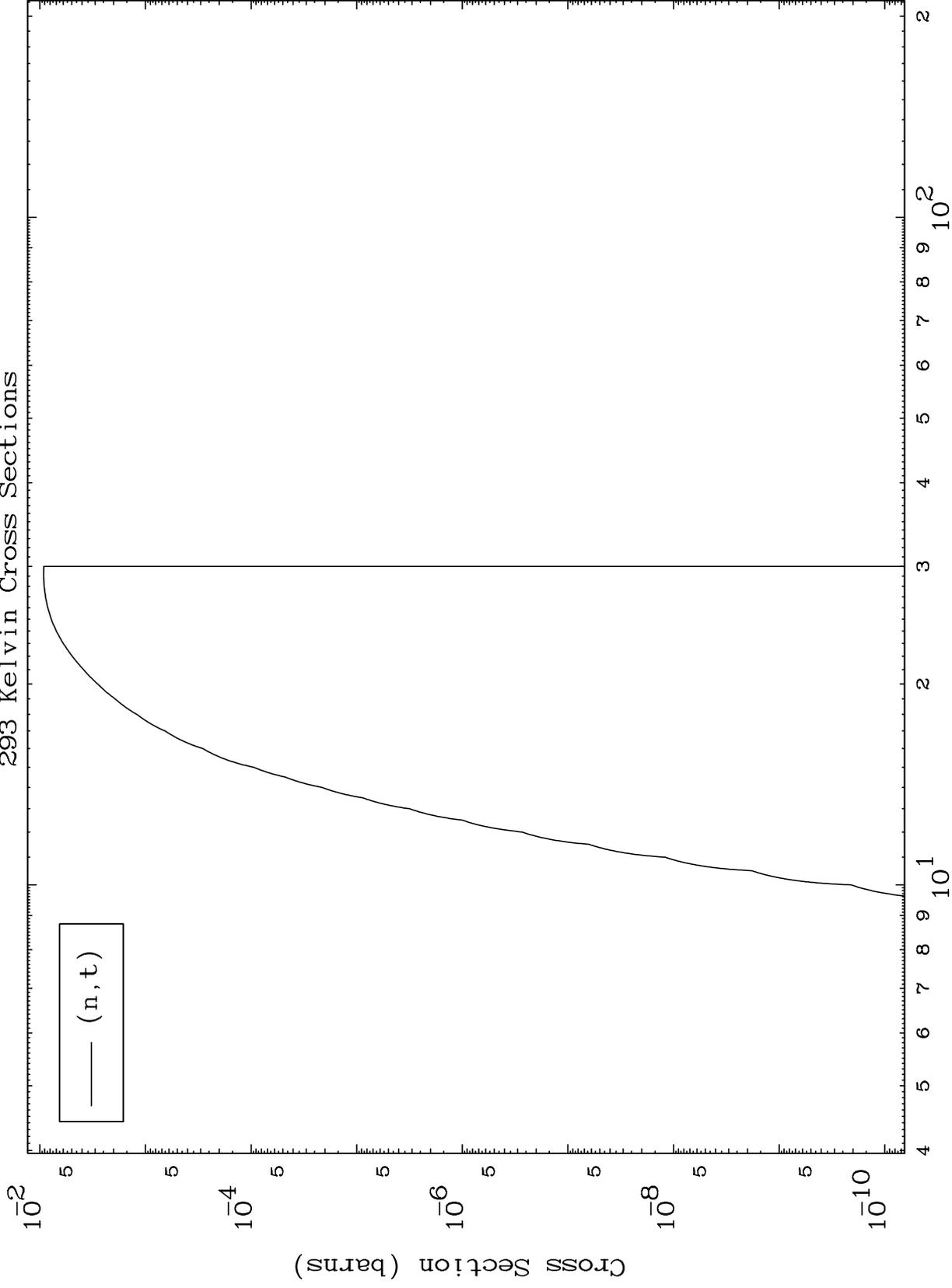
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MAT 8598

(n,t) Levels  
293 Kelvin Cross Sections

86-Rn-202



14

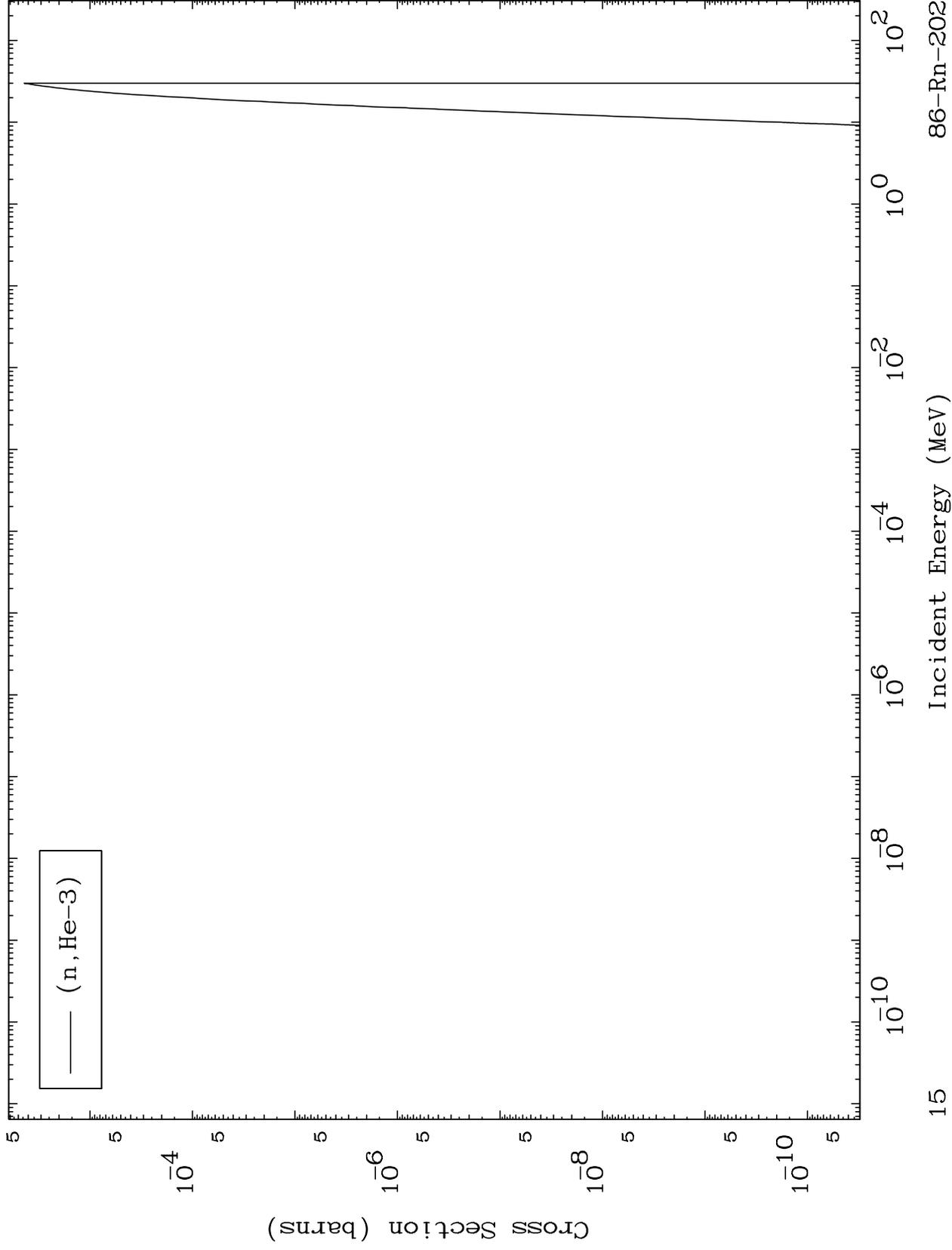
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MAT 8598

(n,He3) Levels  
293 Kelvin Cross Sections

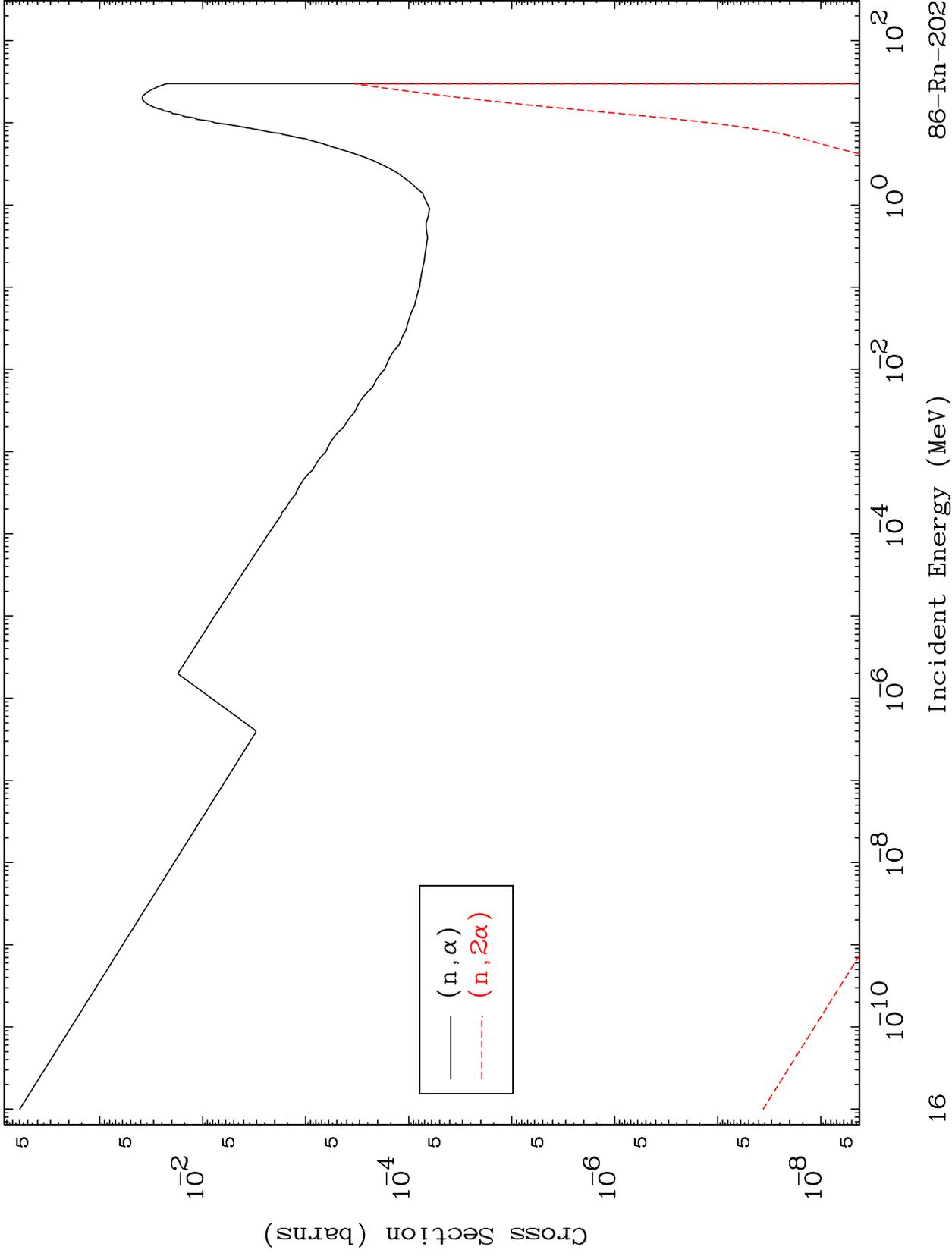
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MAT 8598

(n,α) Levels  
293 Kelvin Cross Sections

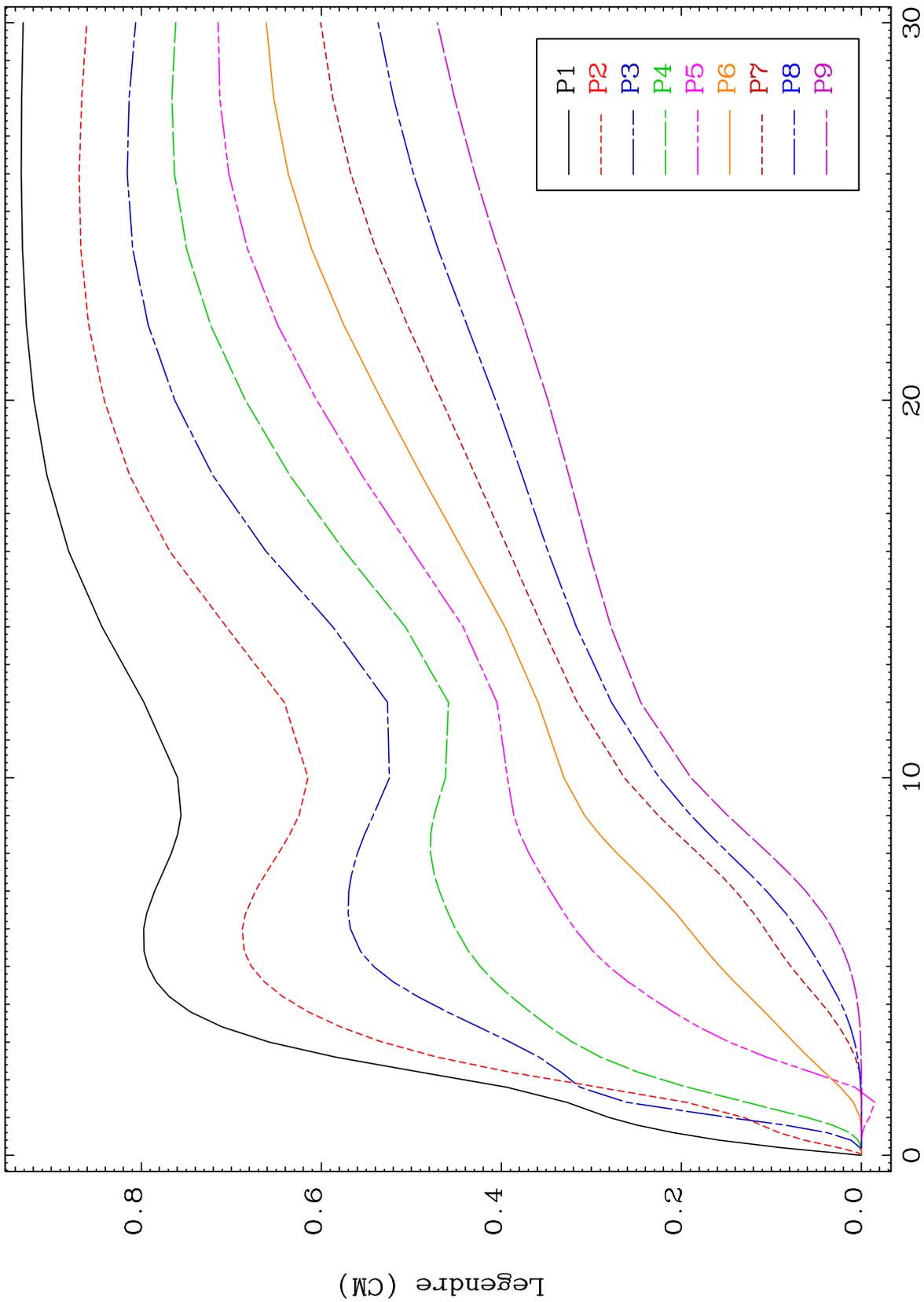
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MAT 8598

86-Rn-202

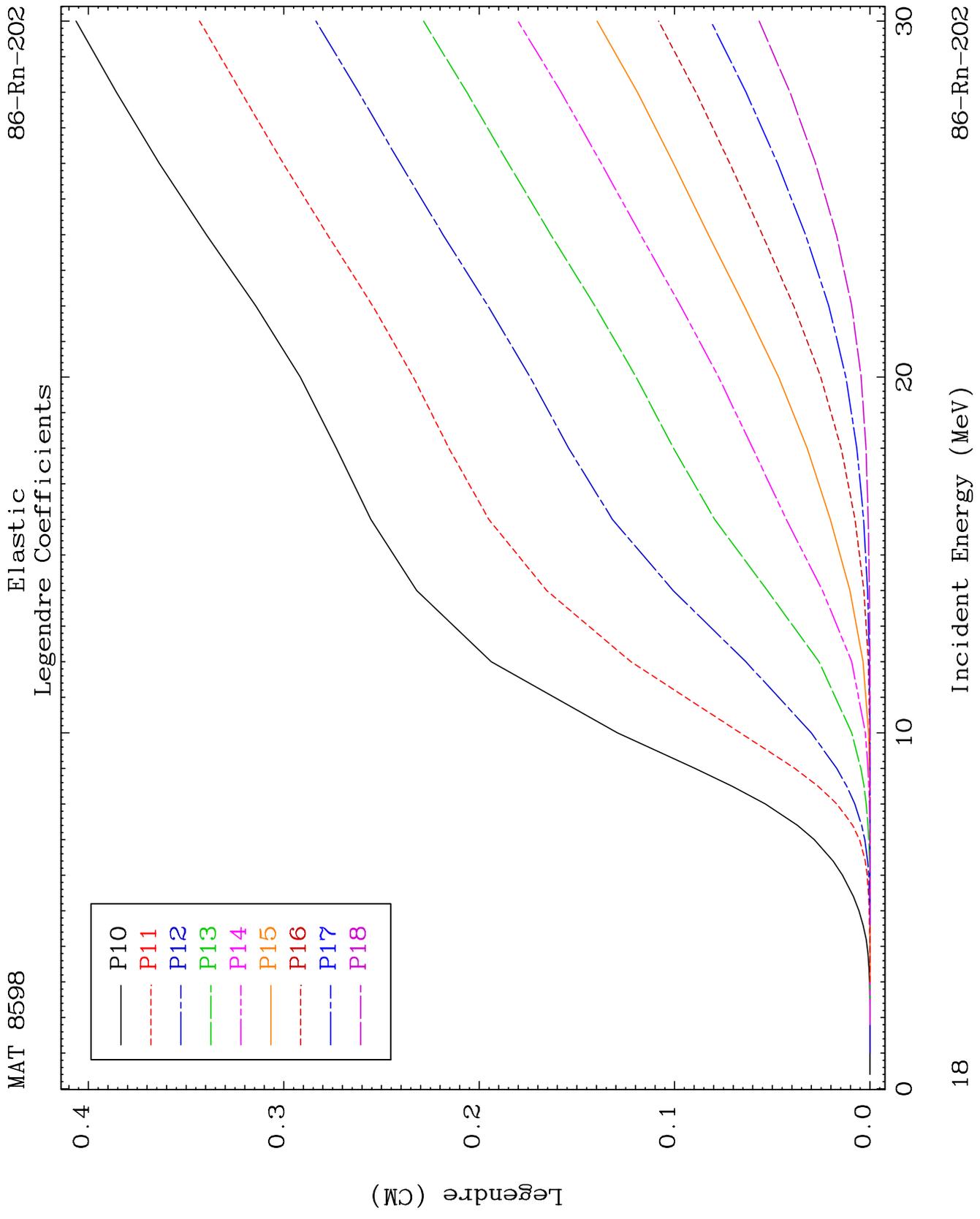
Elastic Legendre Coefficients



17

Incident Energy (MeV)

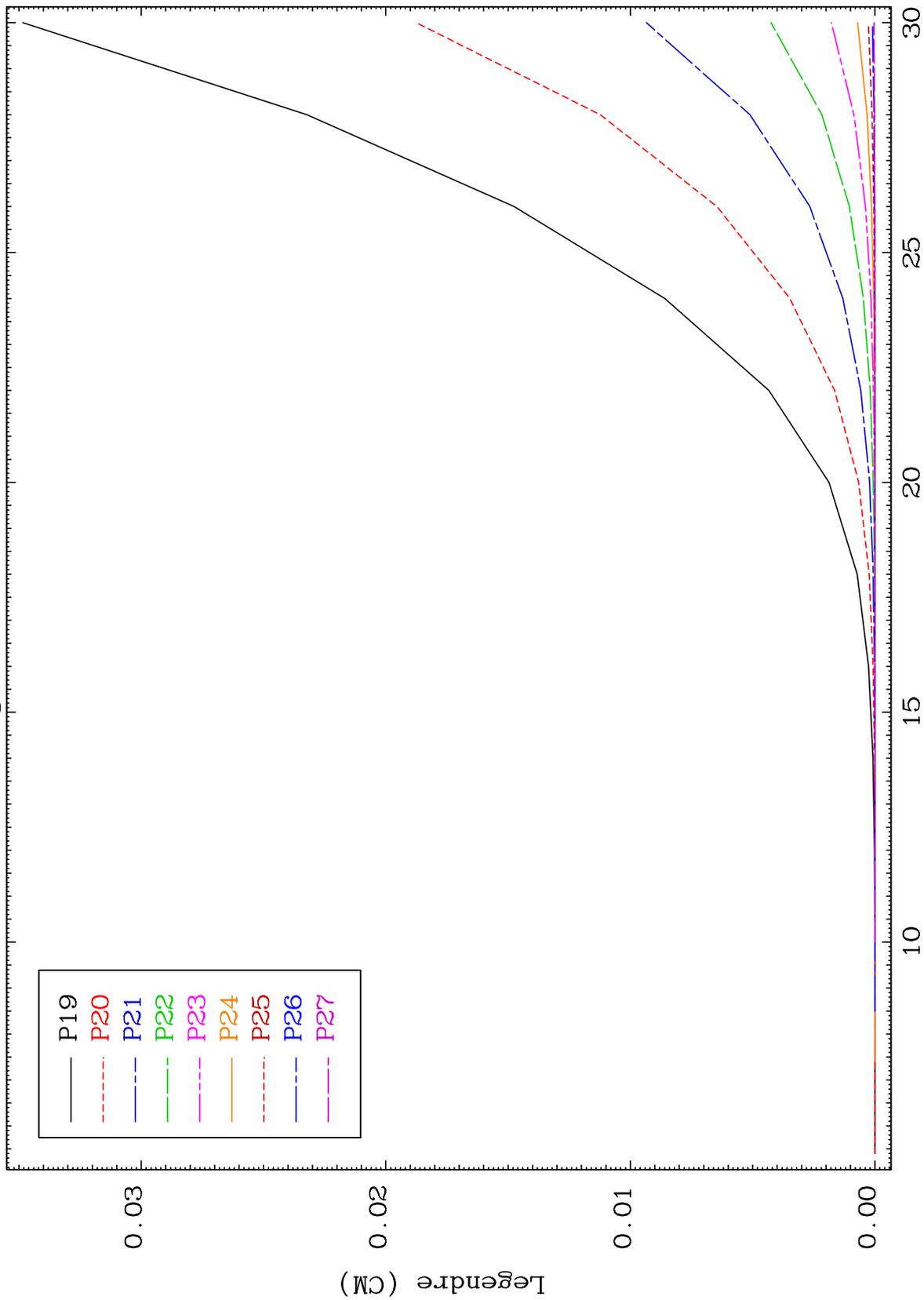
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MAT 8598

### Elastic Legendre Coefficients

86-Rn-202



19

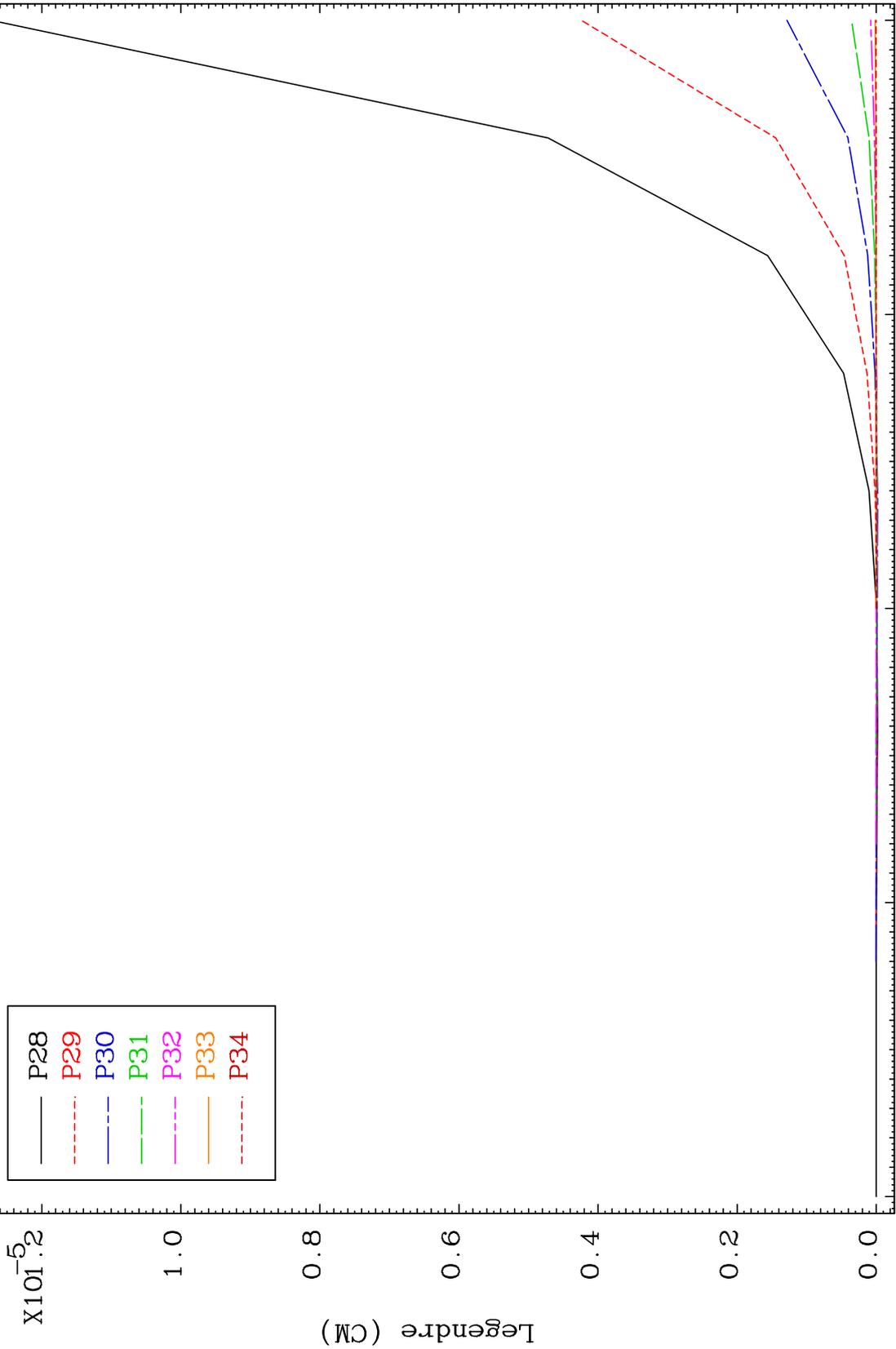
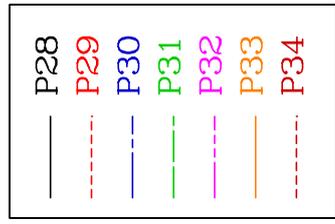
Incident Energy (MeV)

86-Rn-202

MAT 8598

Elastic  
Legendre Coefficients

86-Rn-202



86-Rn-202

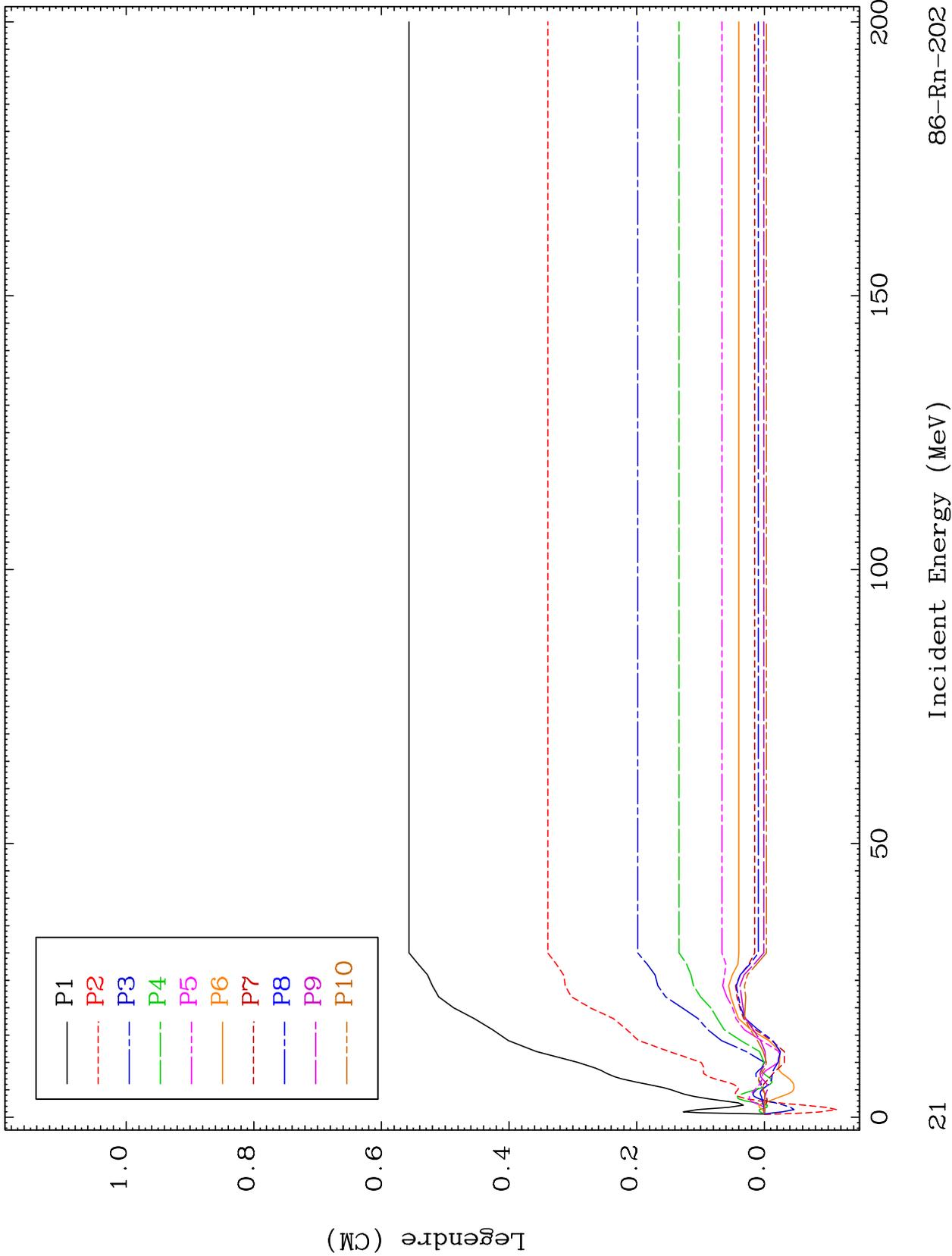
Incident Energy (MeV)

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MAT 8598

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

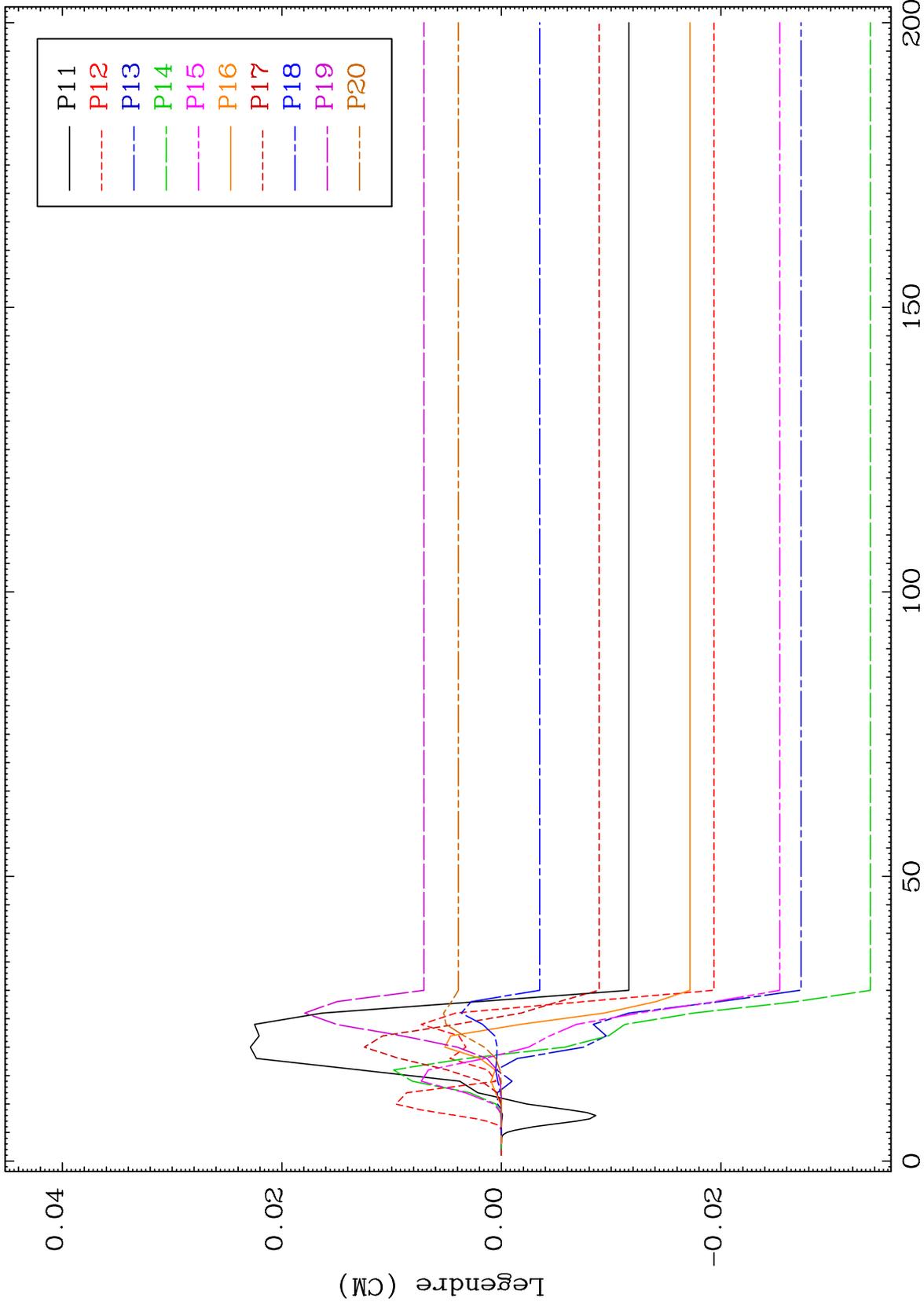
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MAT 8598

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

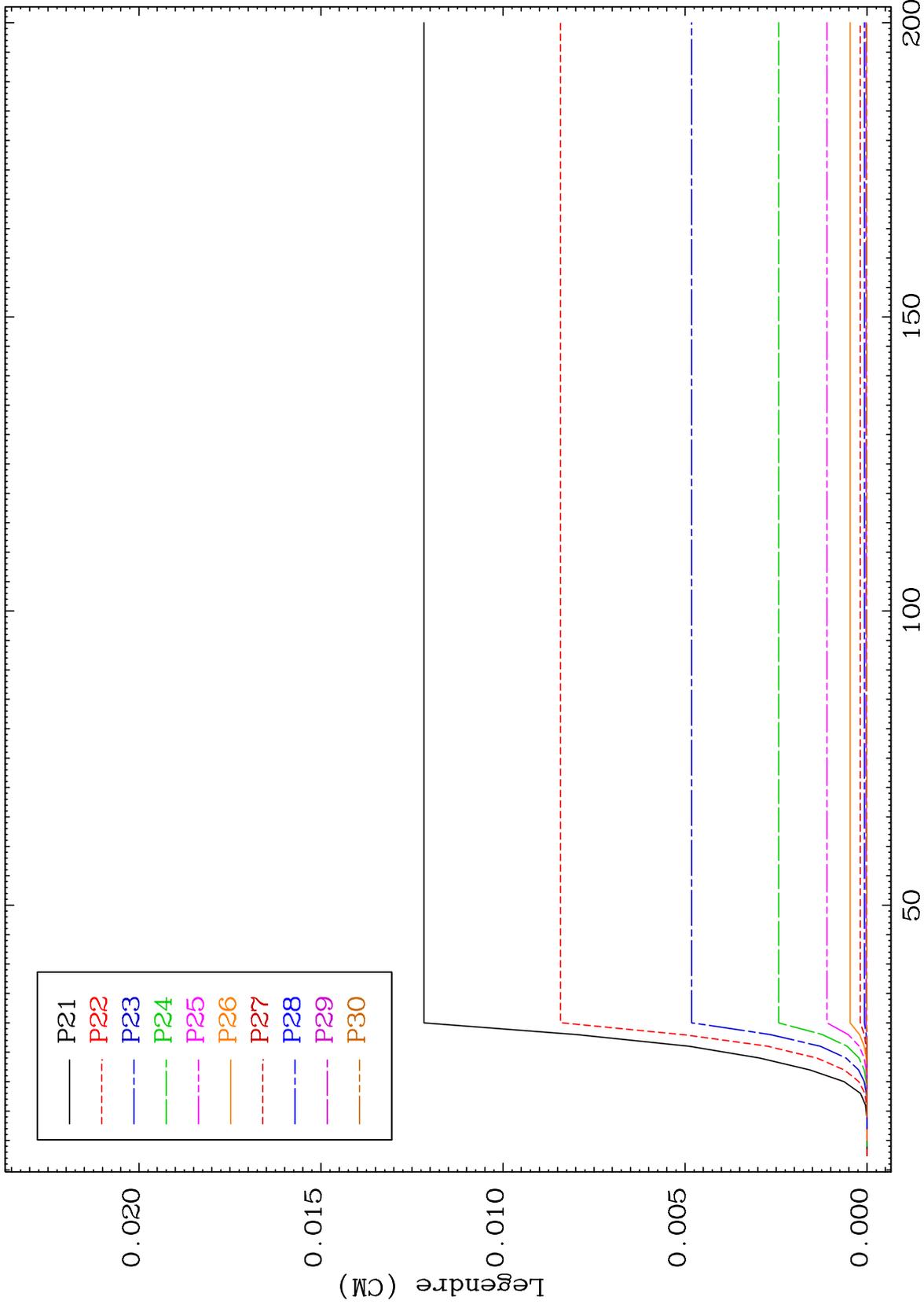
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22

Incident Energy (MeV)

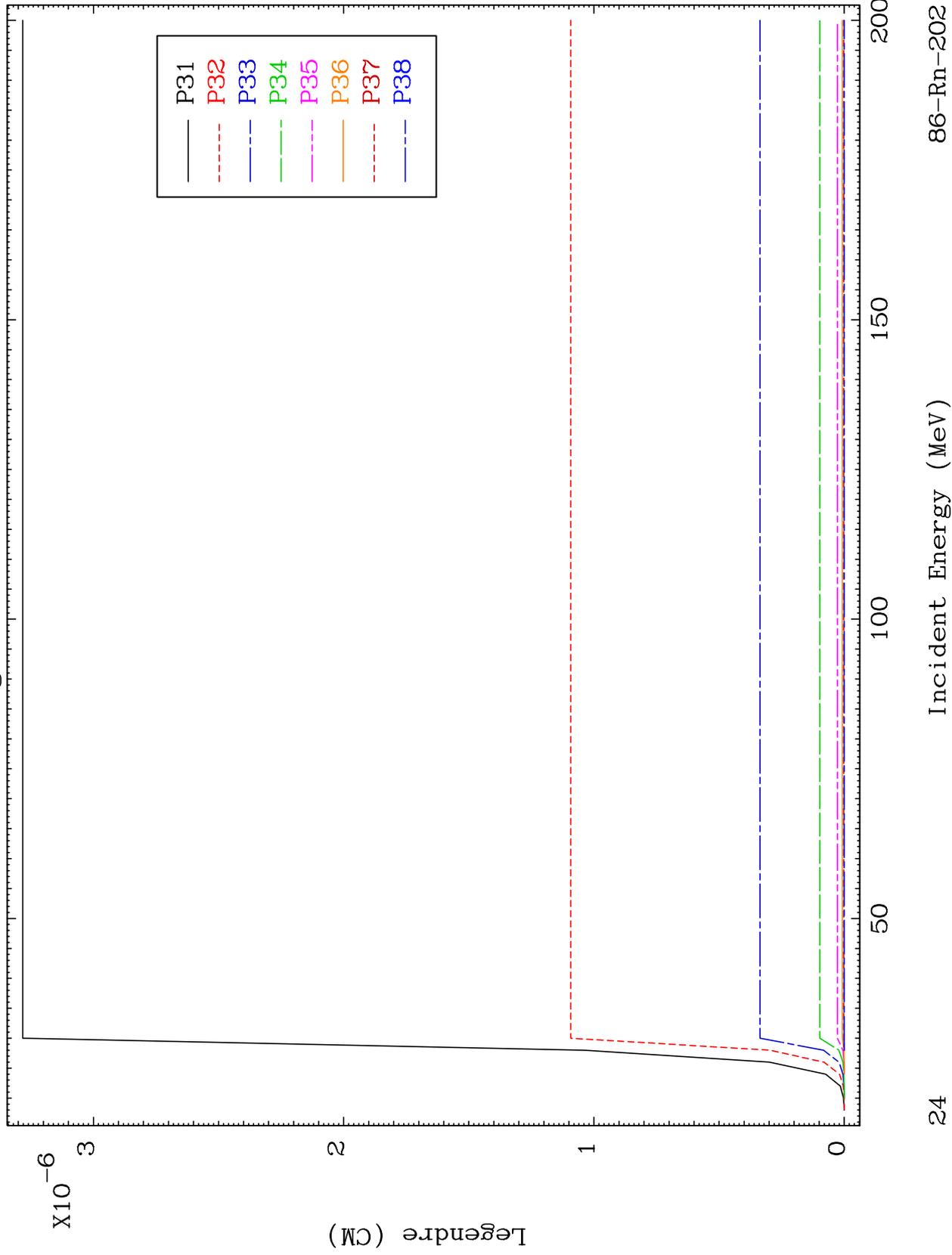
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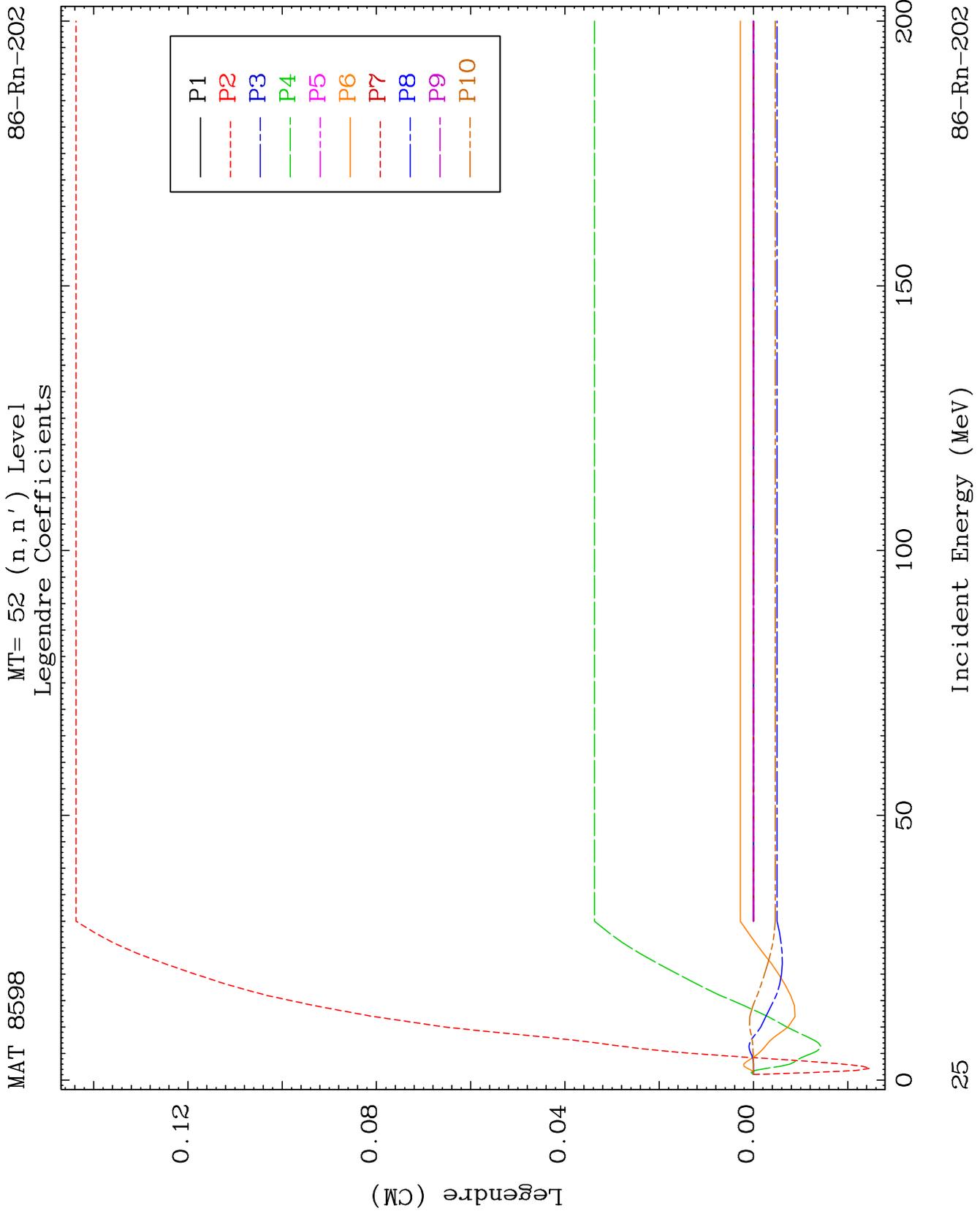


MAT 8598

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

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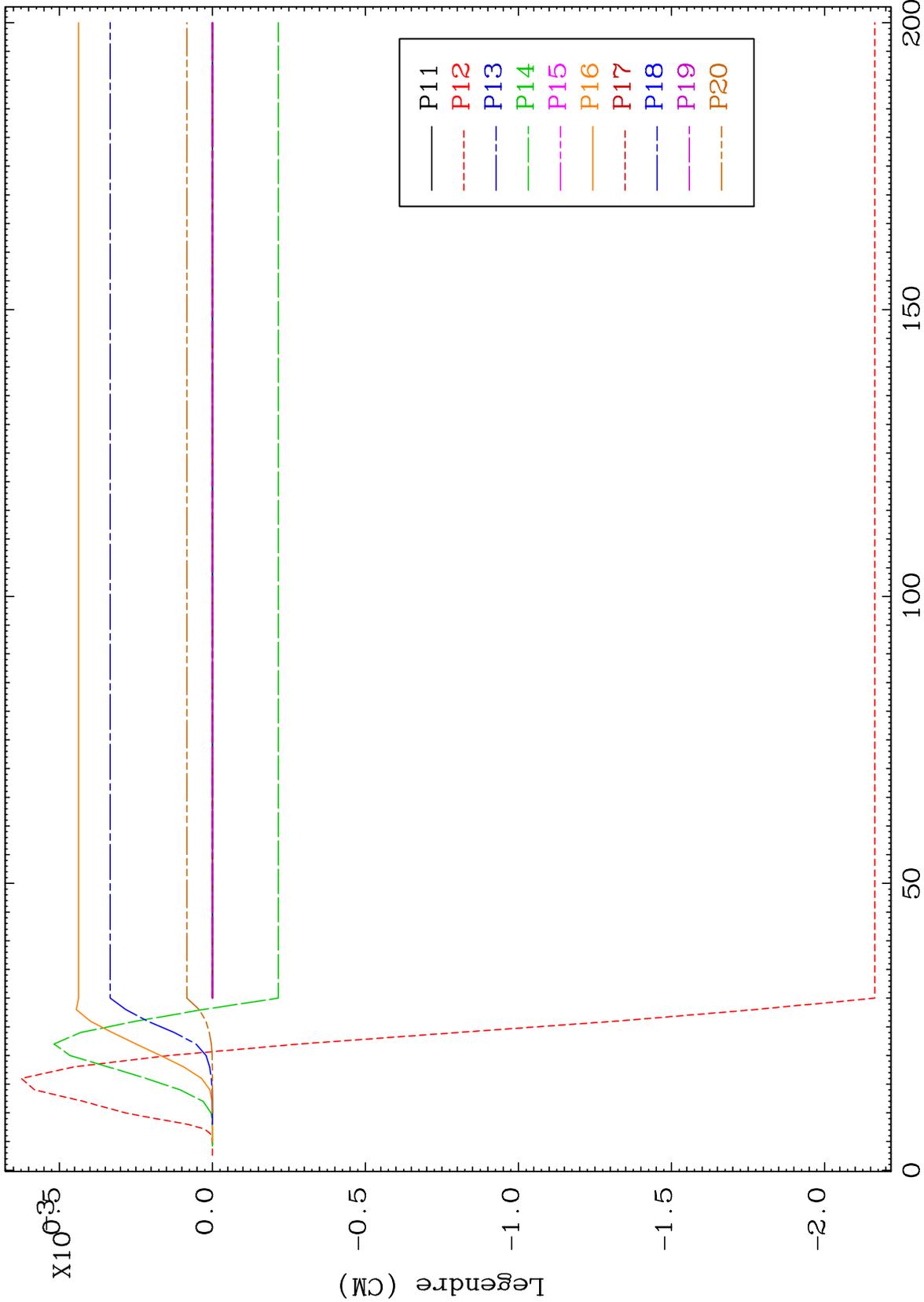




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Legendre Coefficients

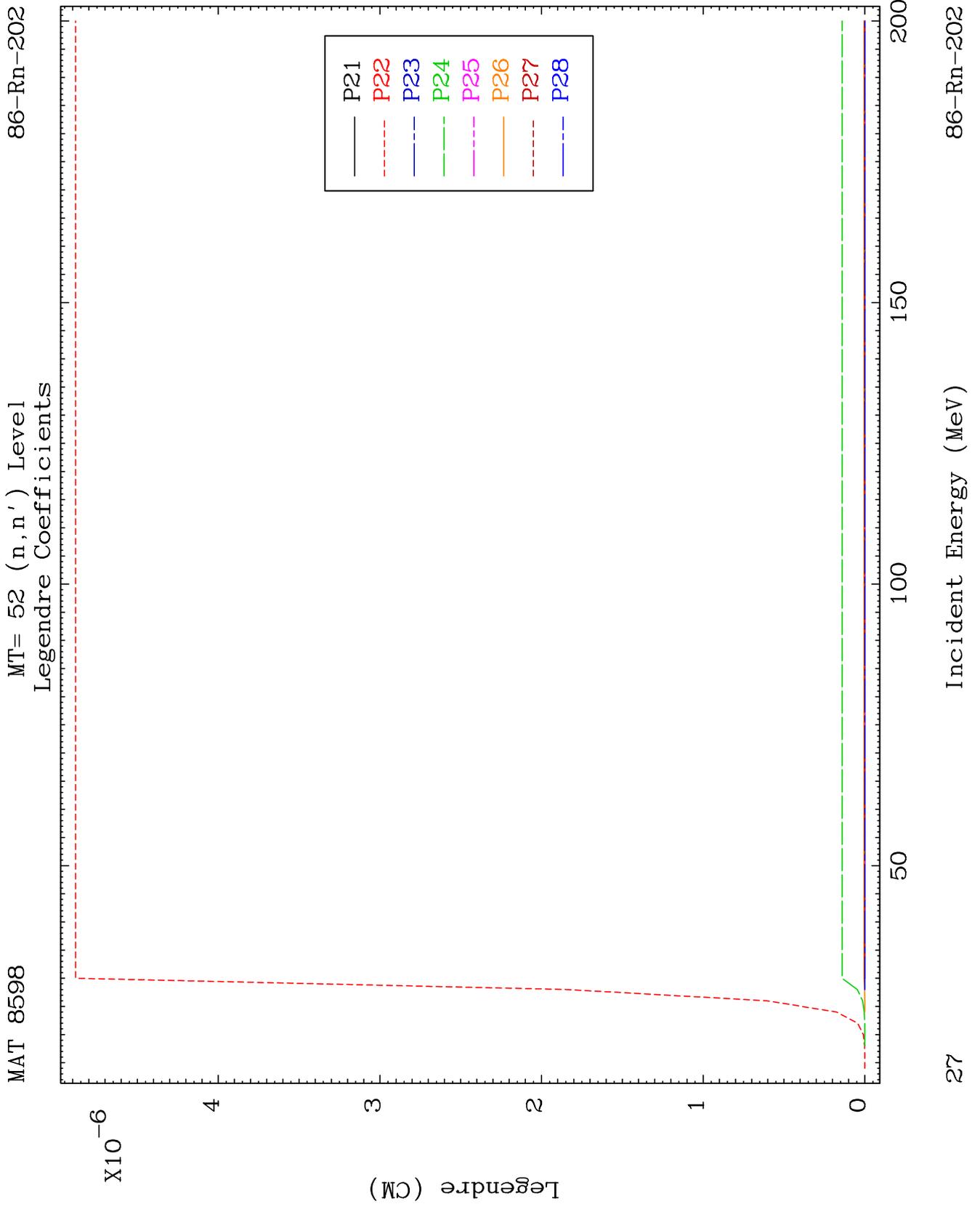
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Incident Energy (MeV)

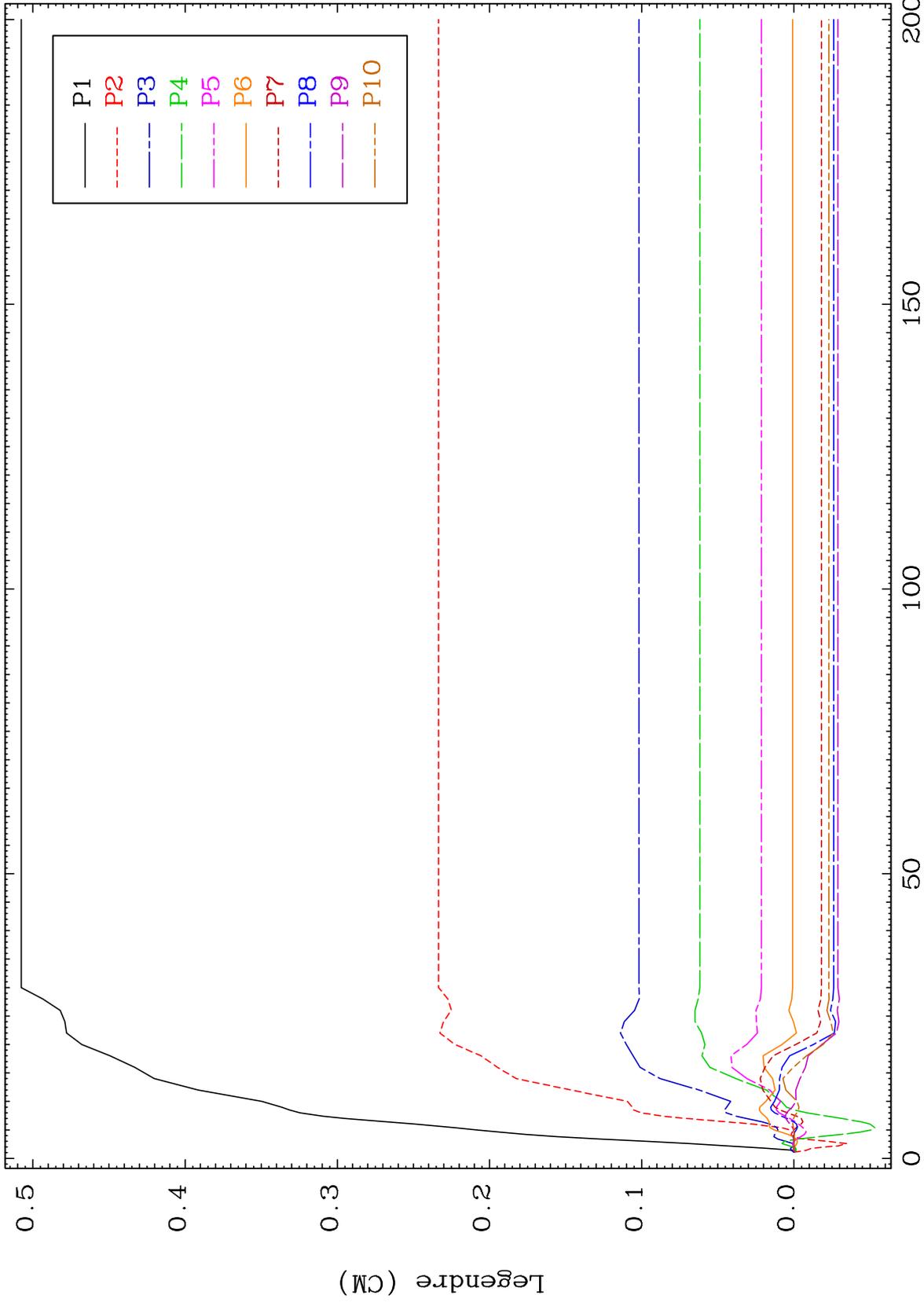
86-Rn-202



MAT 8598

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

86-Rn-202



28

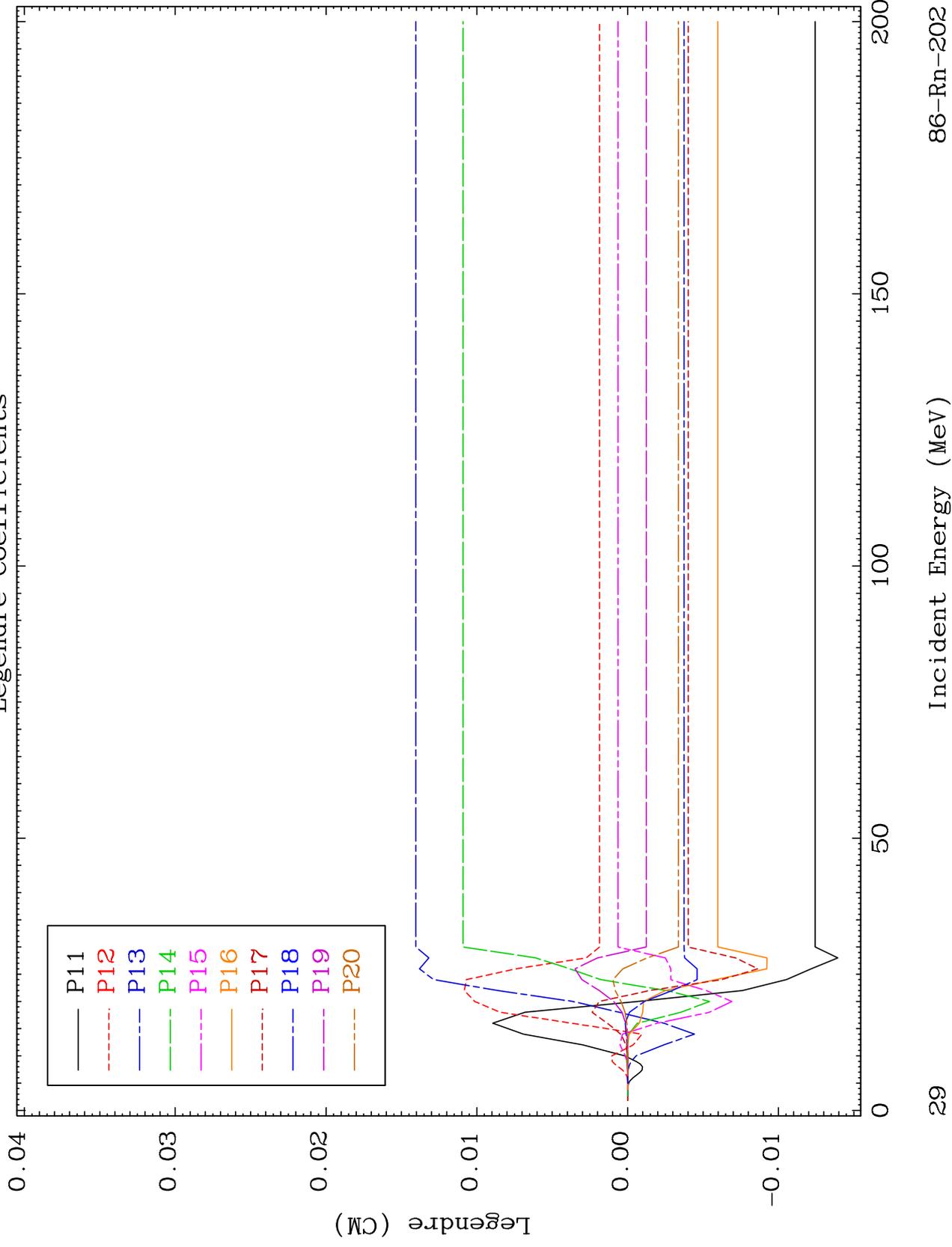
86-Rn-202

86-Rn-202

MAT 8598

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

86-Rn-202

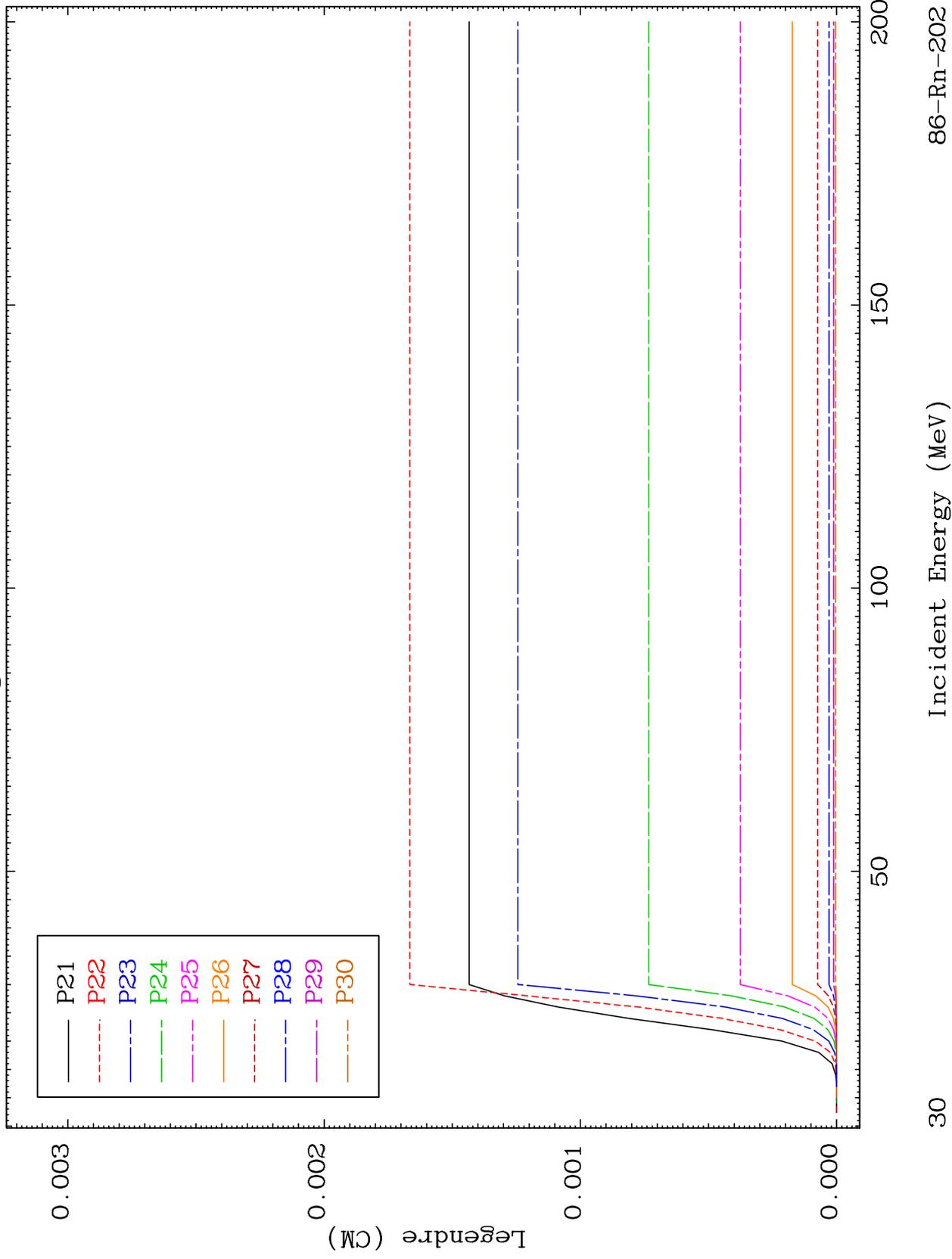


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MAT 8598

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

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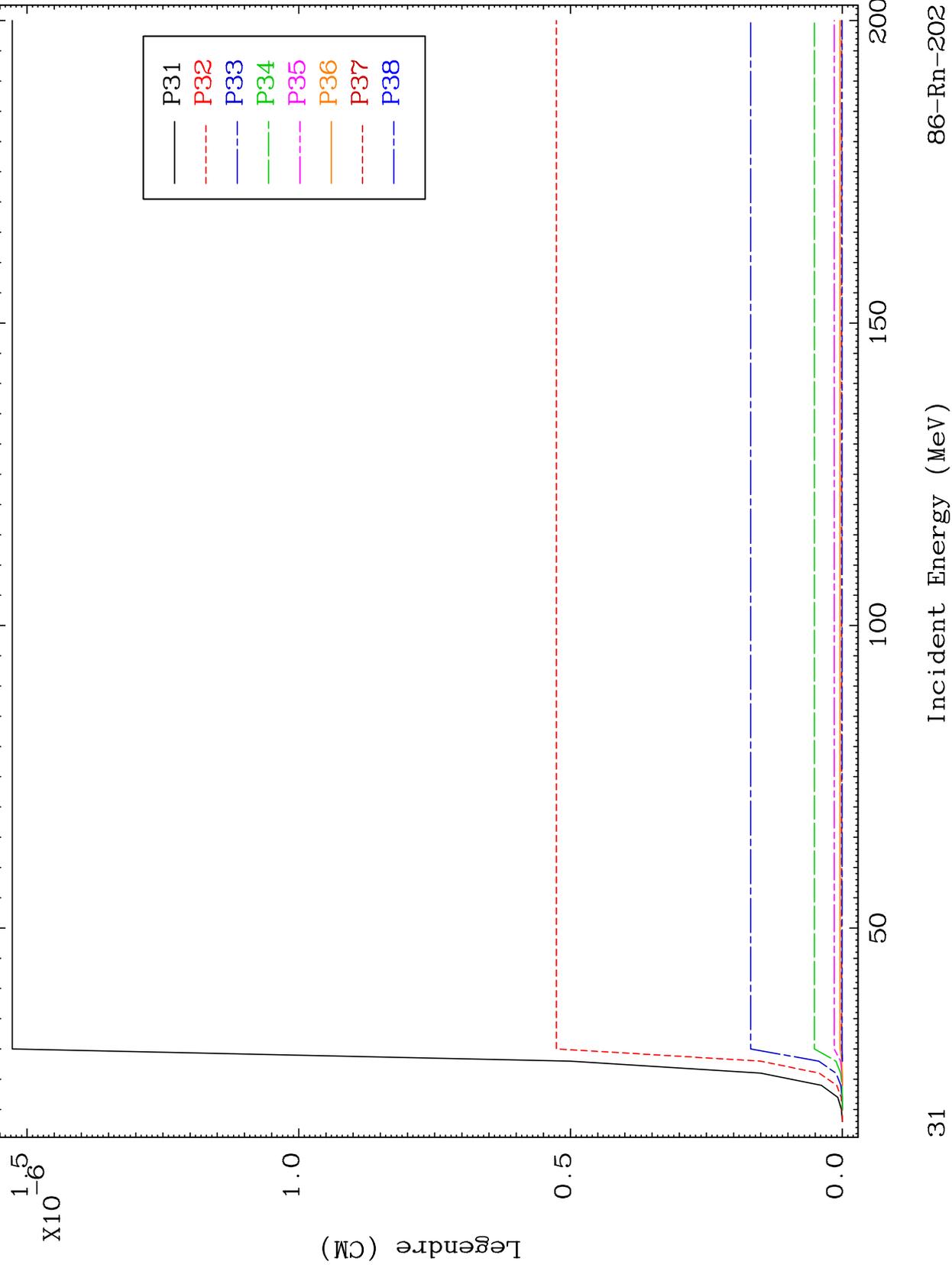
Incident Energy (MeV)

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MAT 8598

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

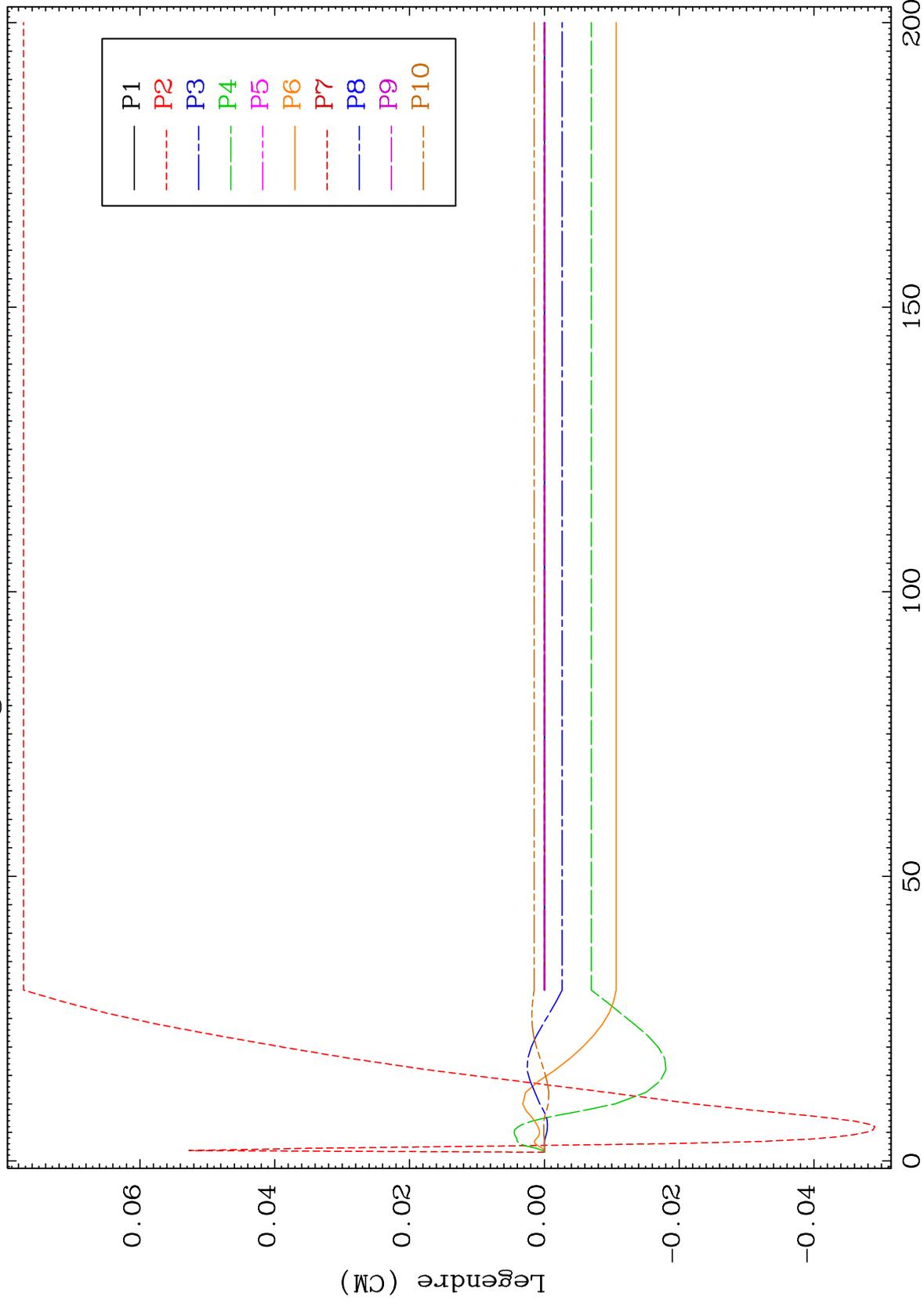
86-Rn-202



MAT 8598

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

86-Rn-202



86-Rn-202

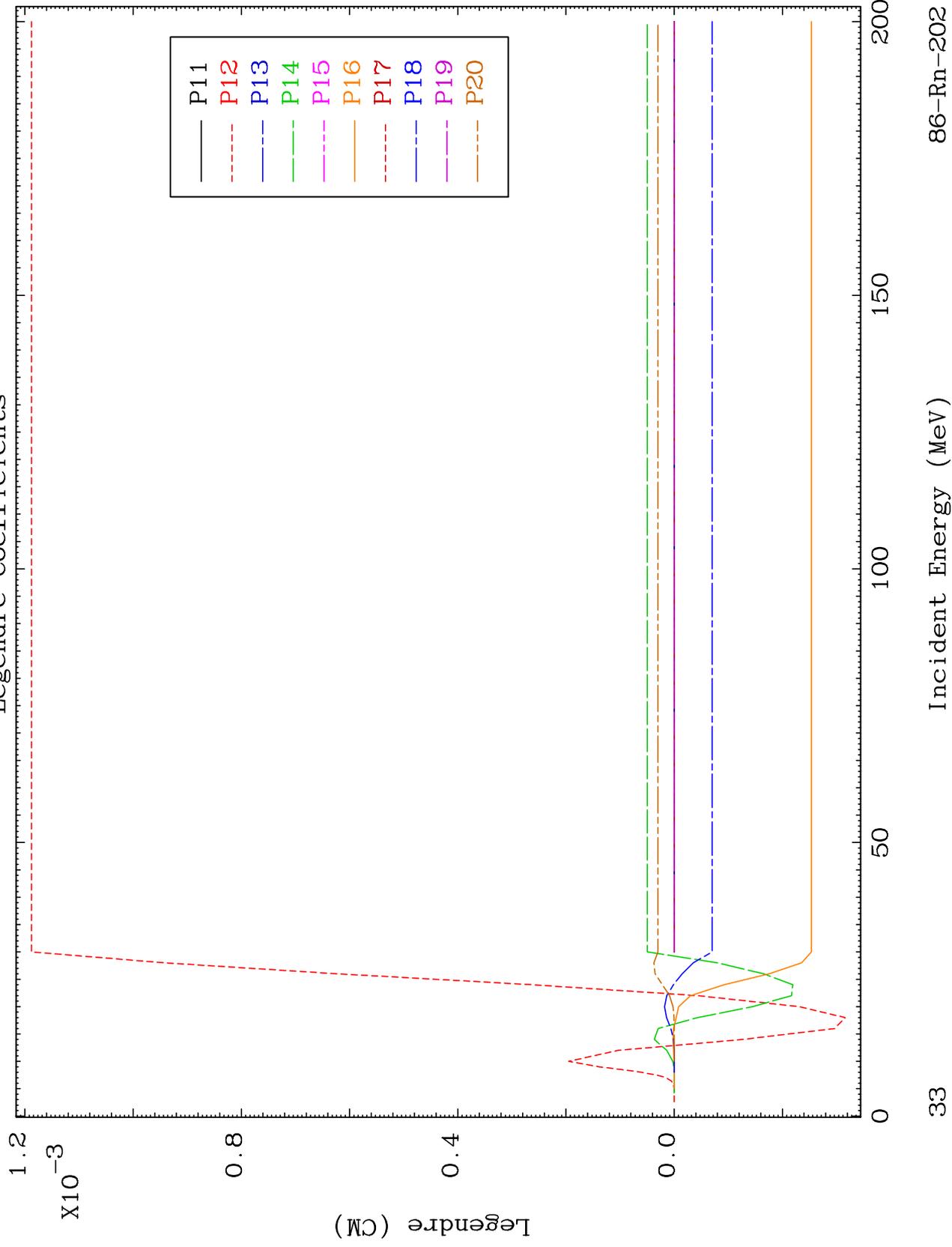
Incident Energy (MeV)

32

MAT 8598

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

86-Rn-202



33

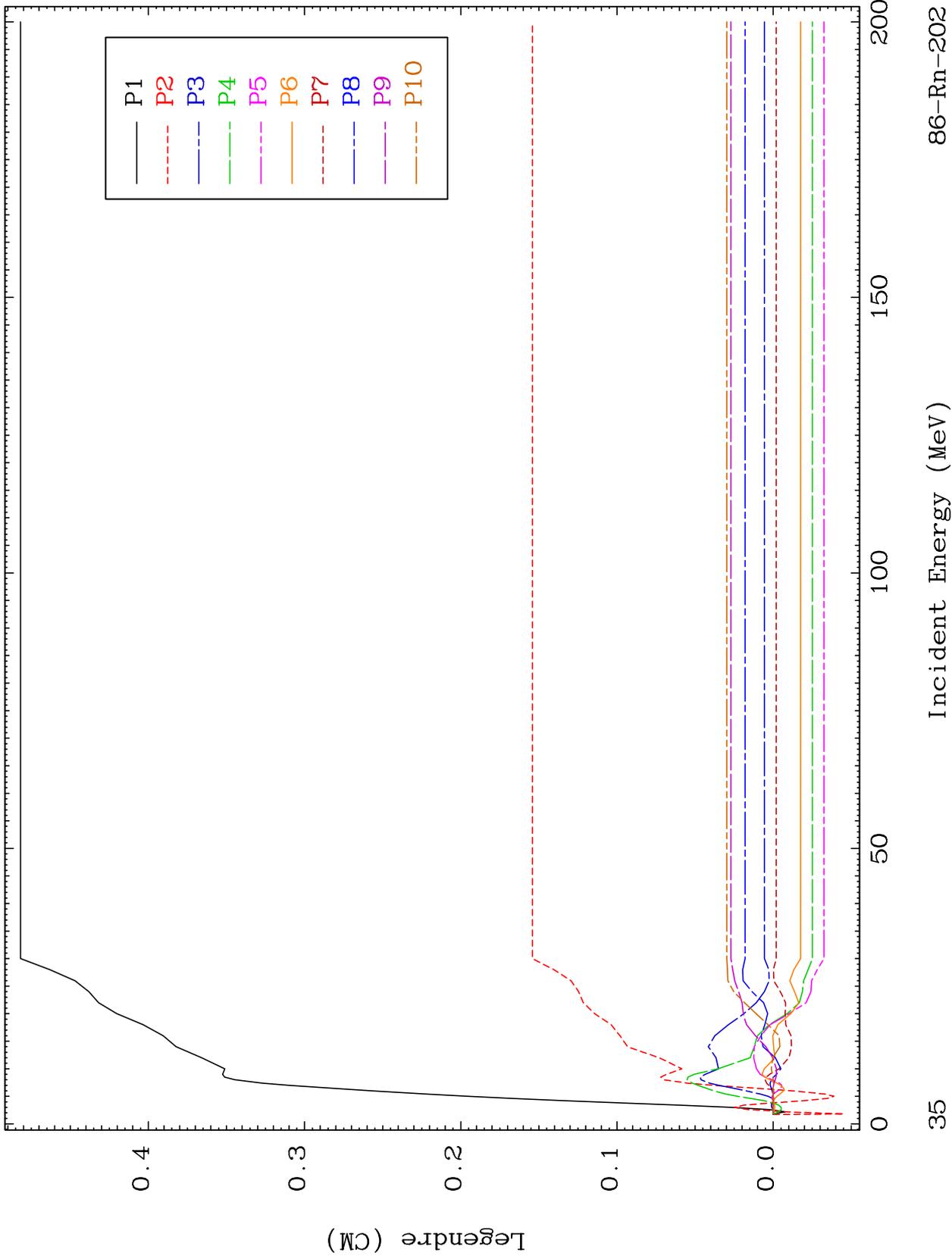
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MAT 8598

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

86-Rn-202



86-Rn-202

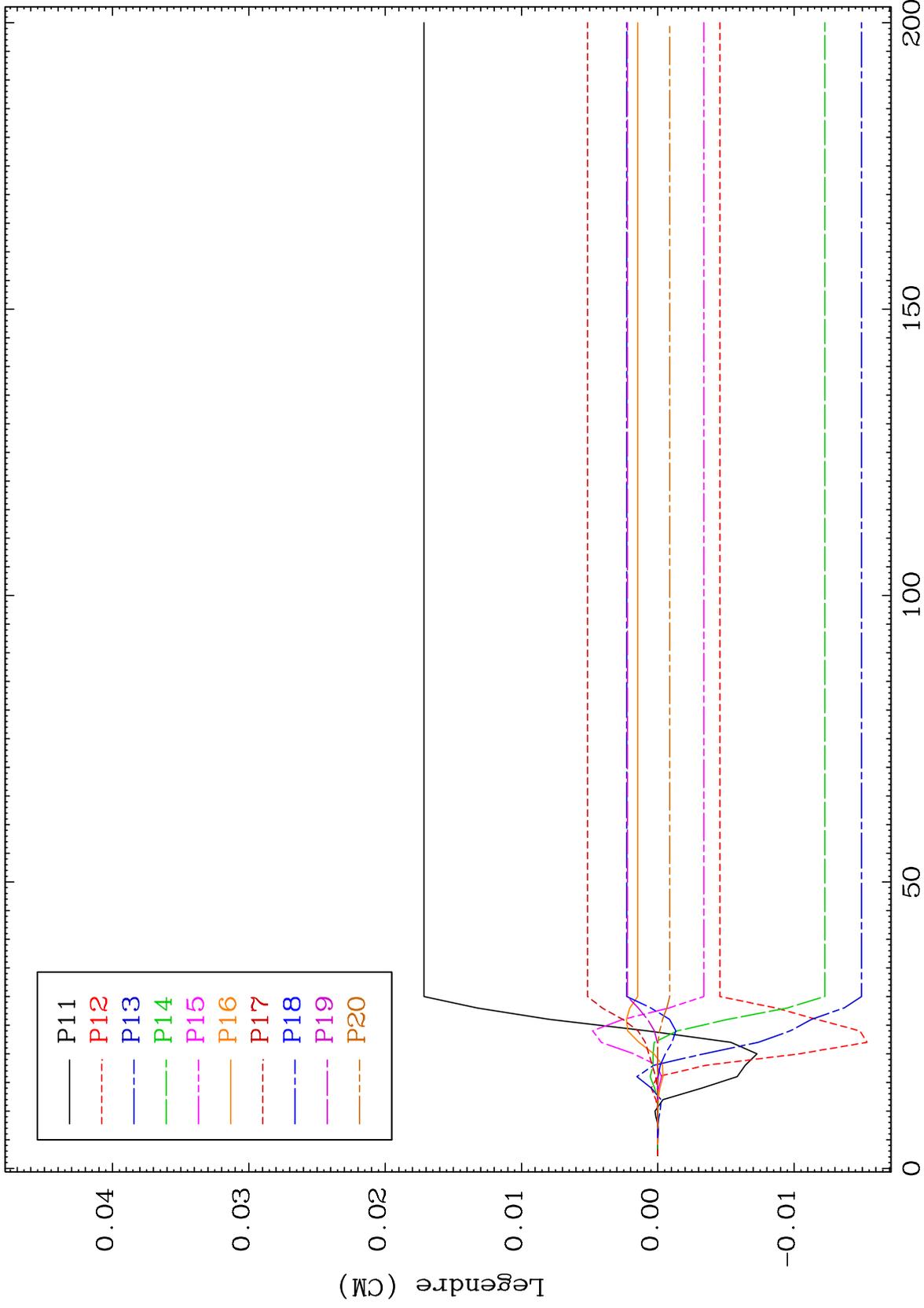
Incident Energy (MeV)

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MAT 8598

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

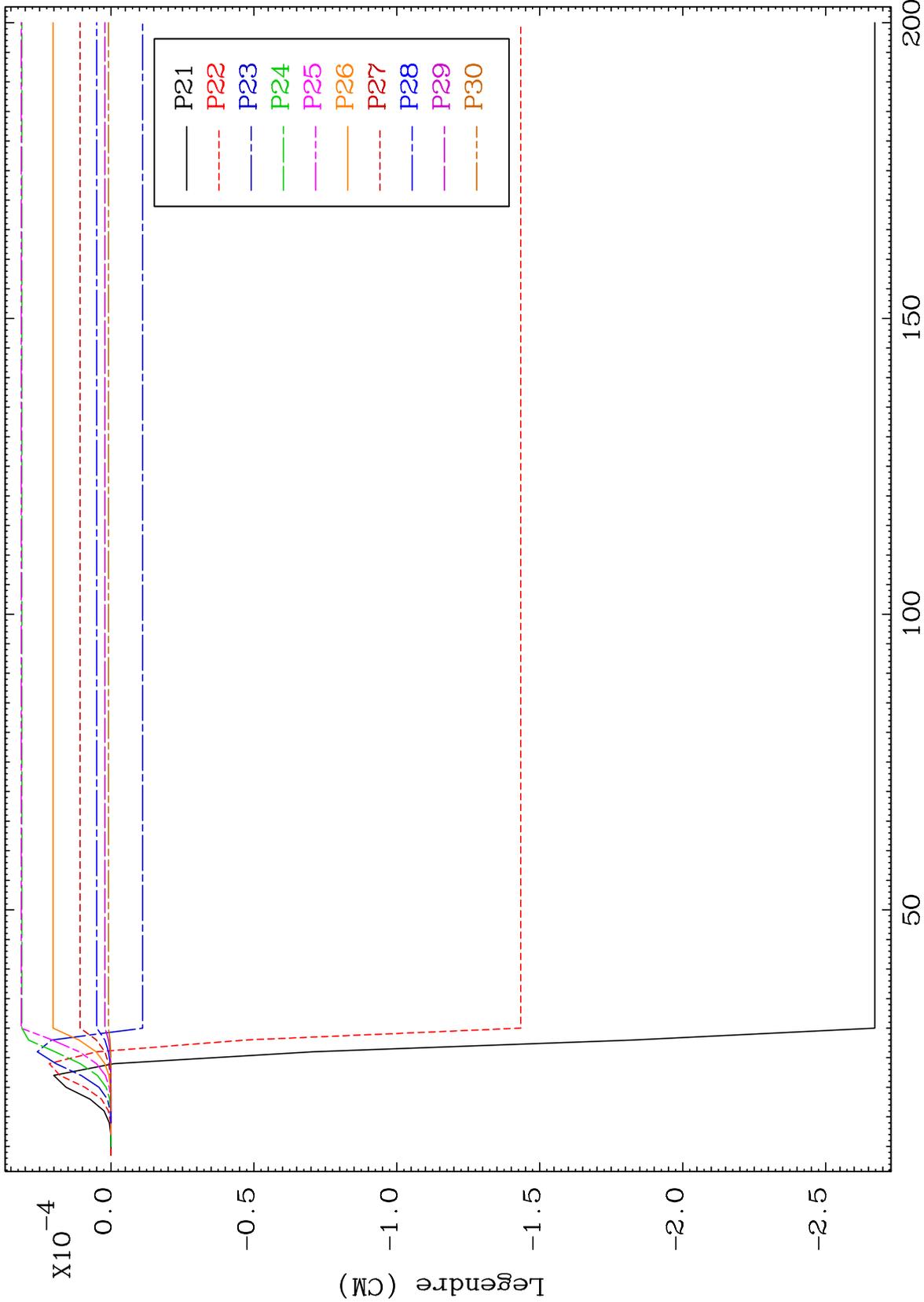
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36

Incident Energy (MeV)

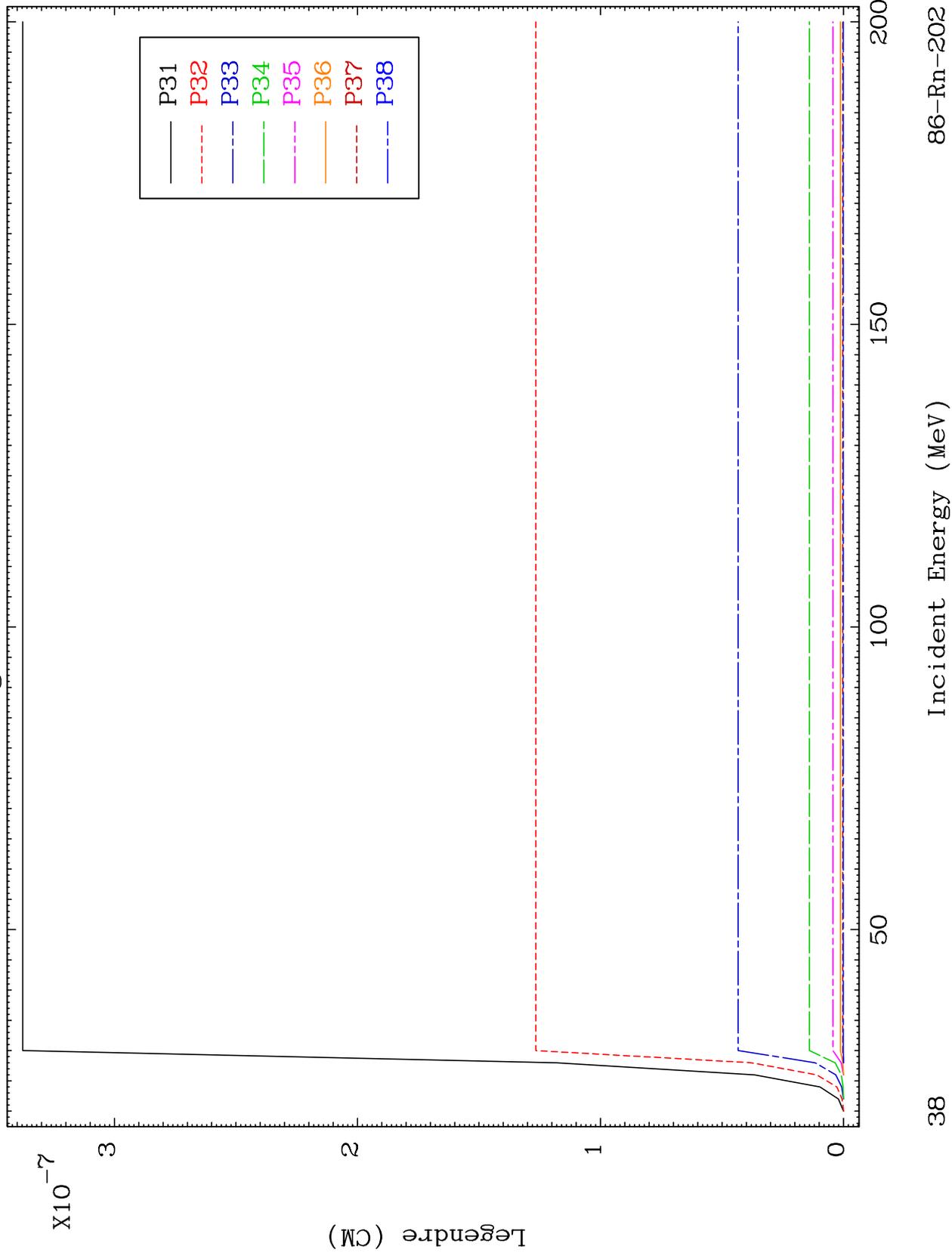
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MAT 8598

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

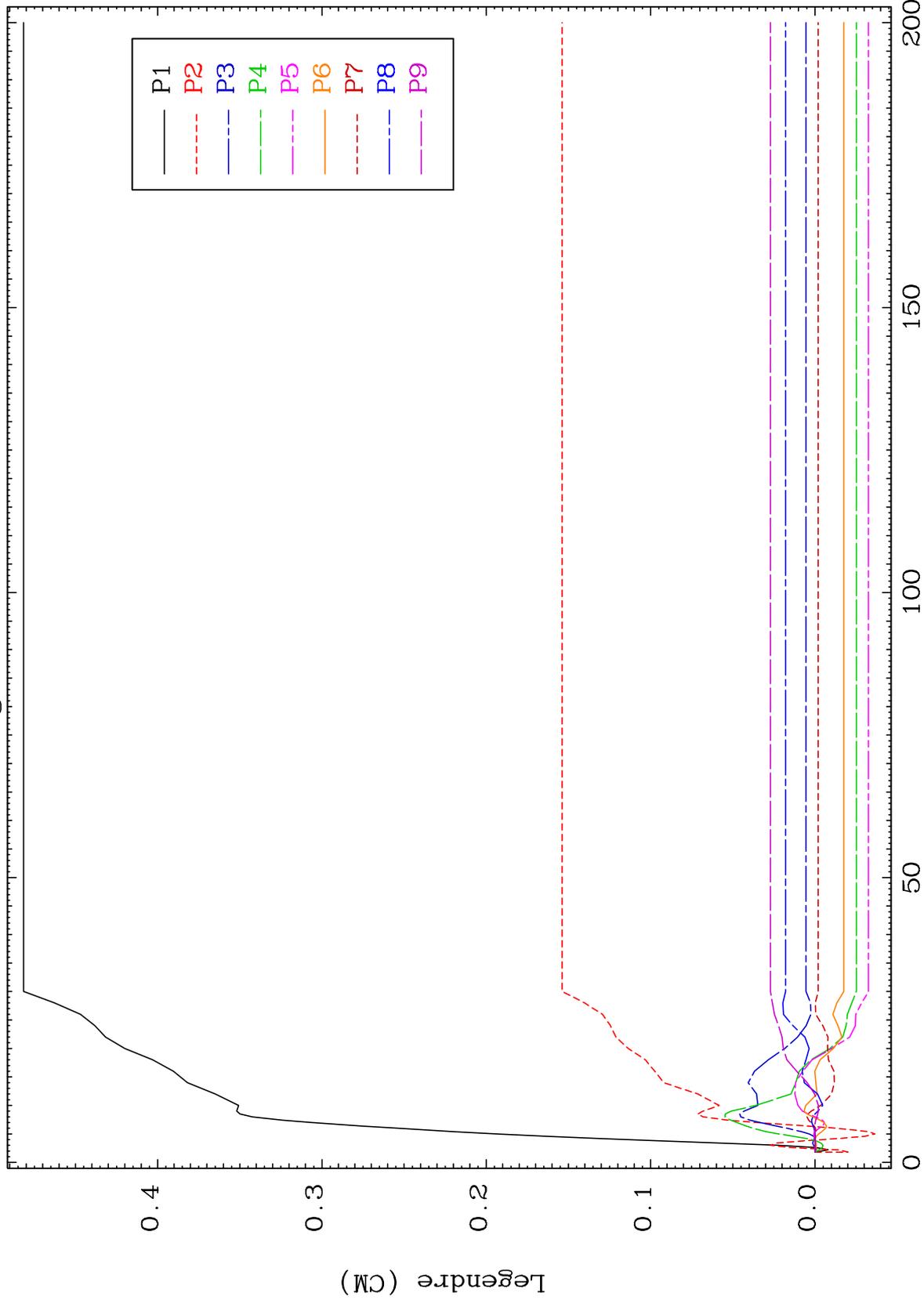
86-Rn-202



MAT 8598

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

86-Rn-202



39

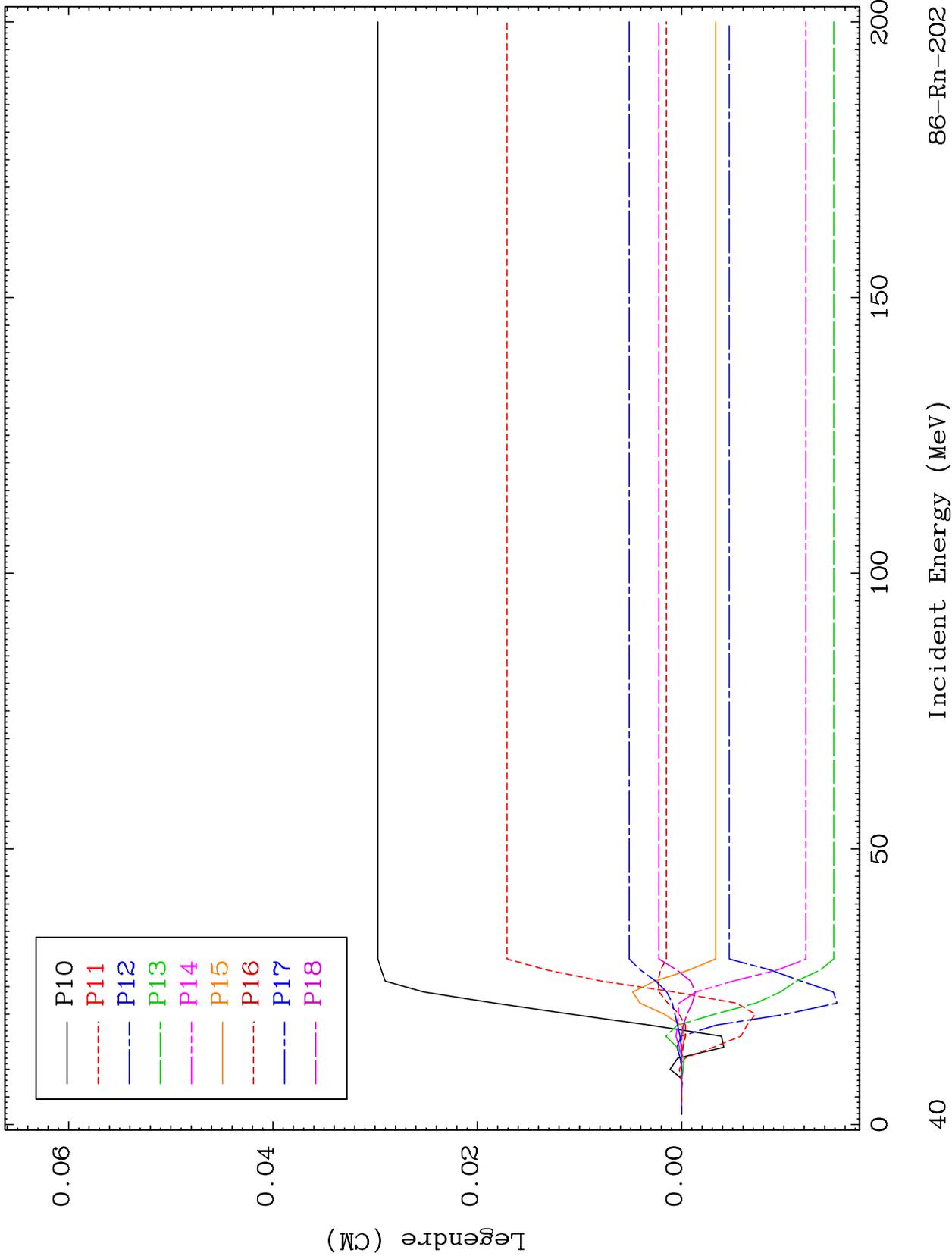
Incident Energy (MeV)

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MAT 8598

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

86-Rn-202



86-Rn-202

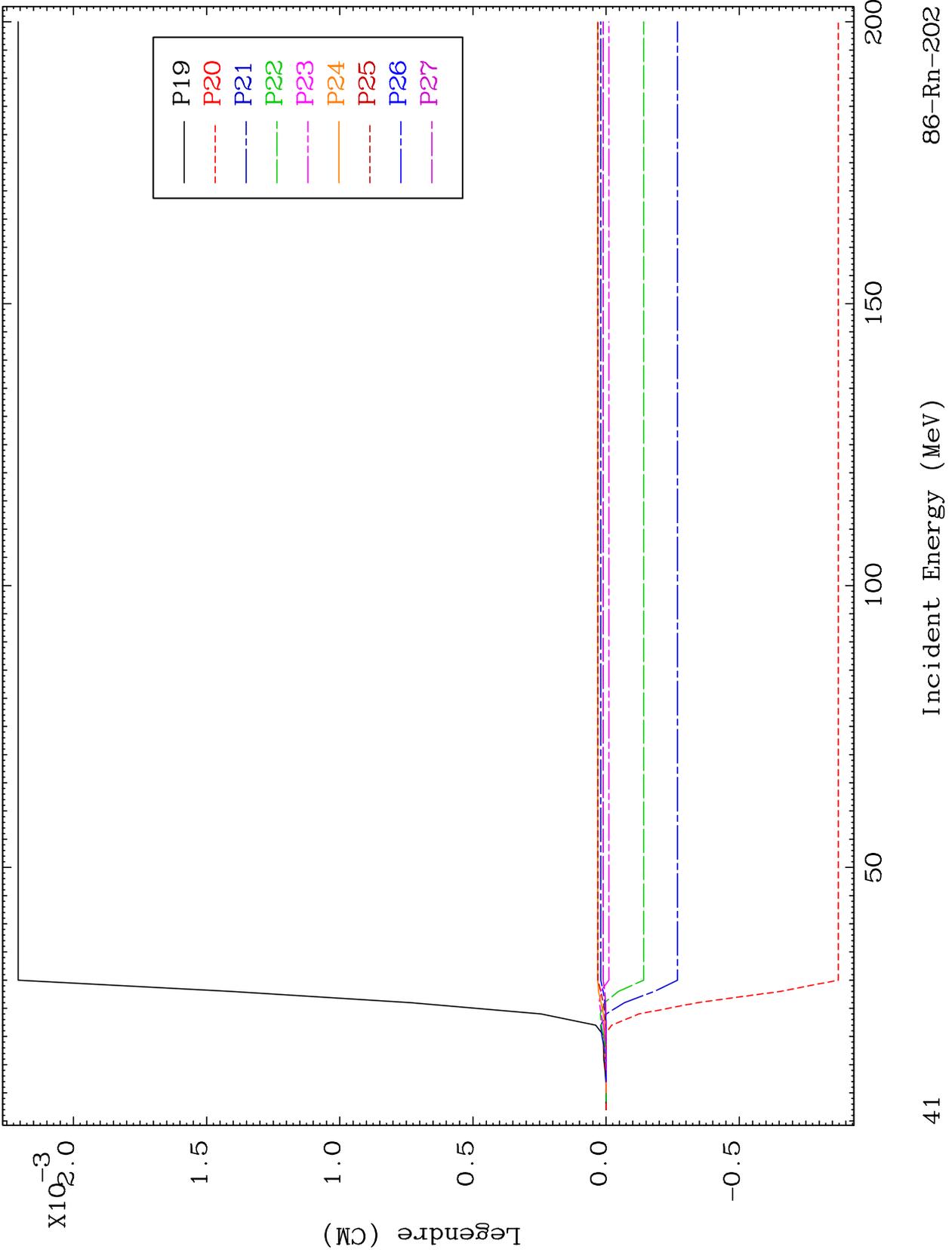
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MAT 8598

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

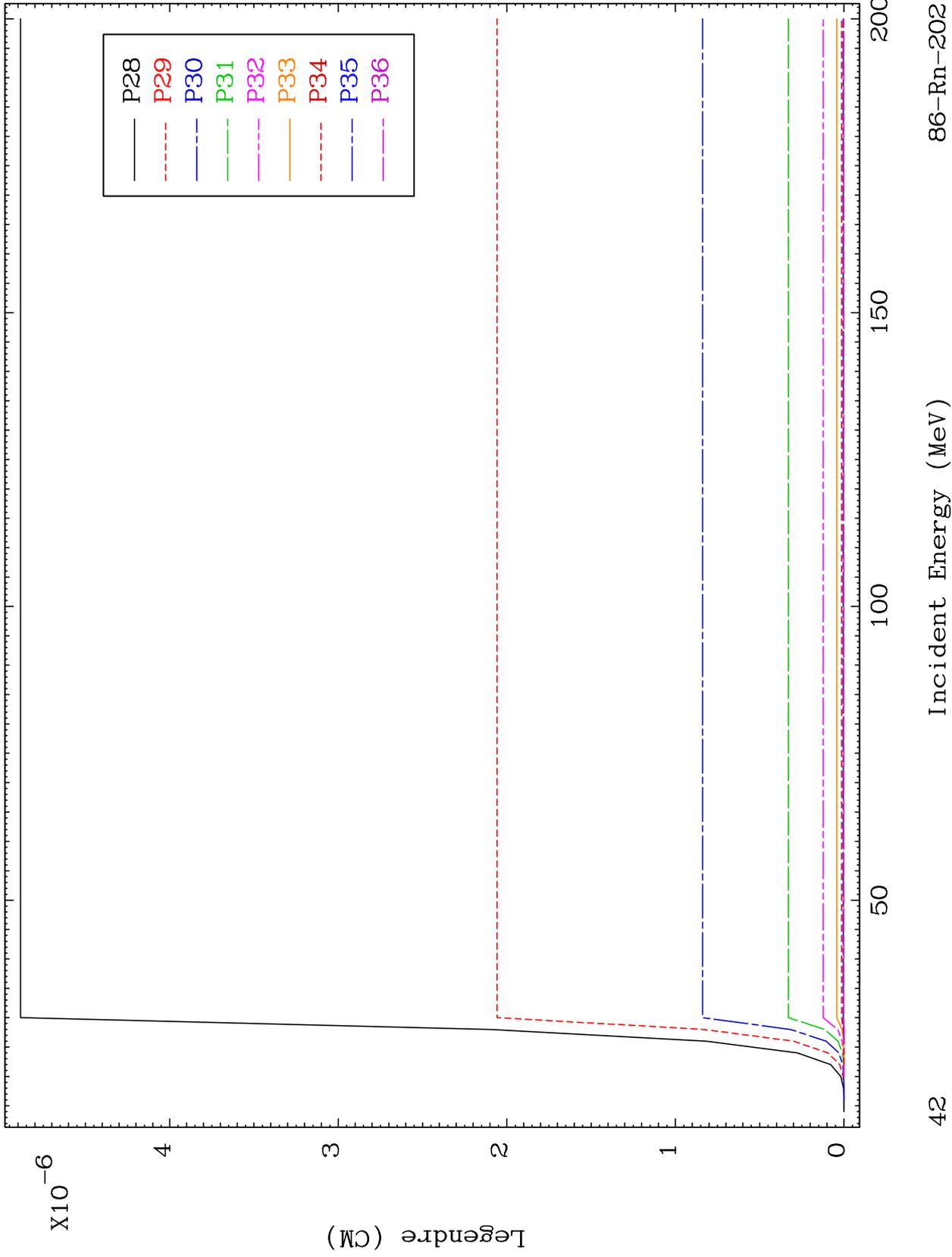
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MAT 8598

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

86-Rn-202



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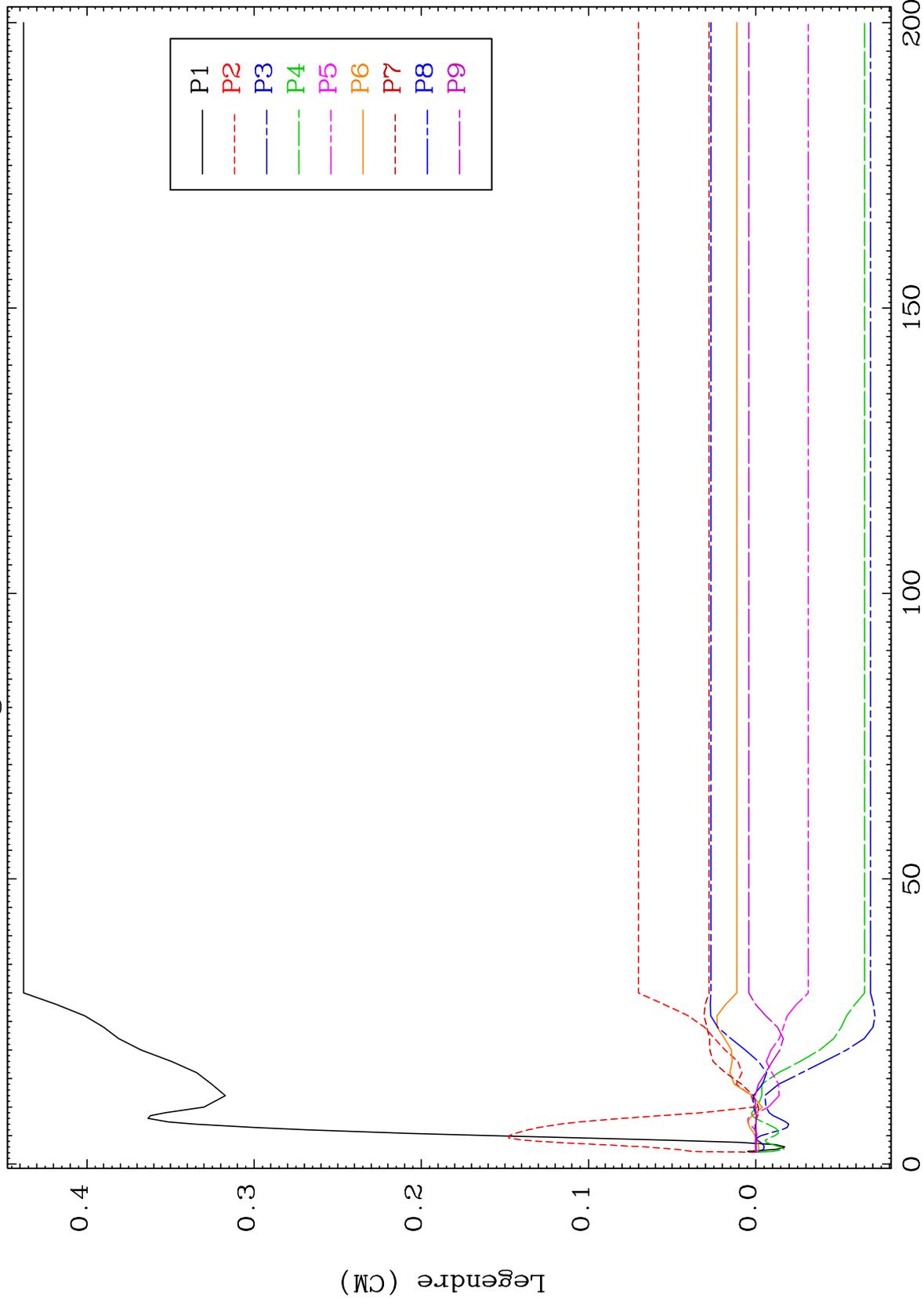
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MAT 8598

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

86-Rn-202



43

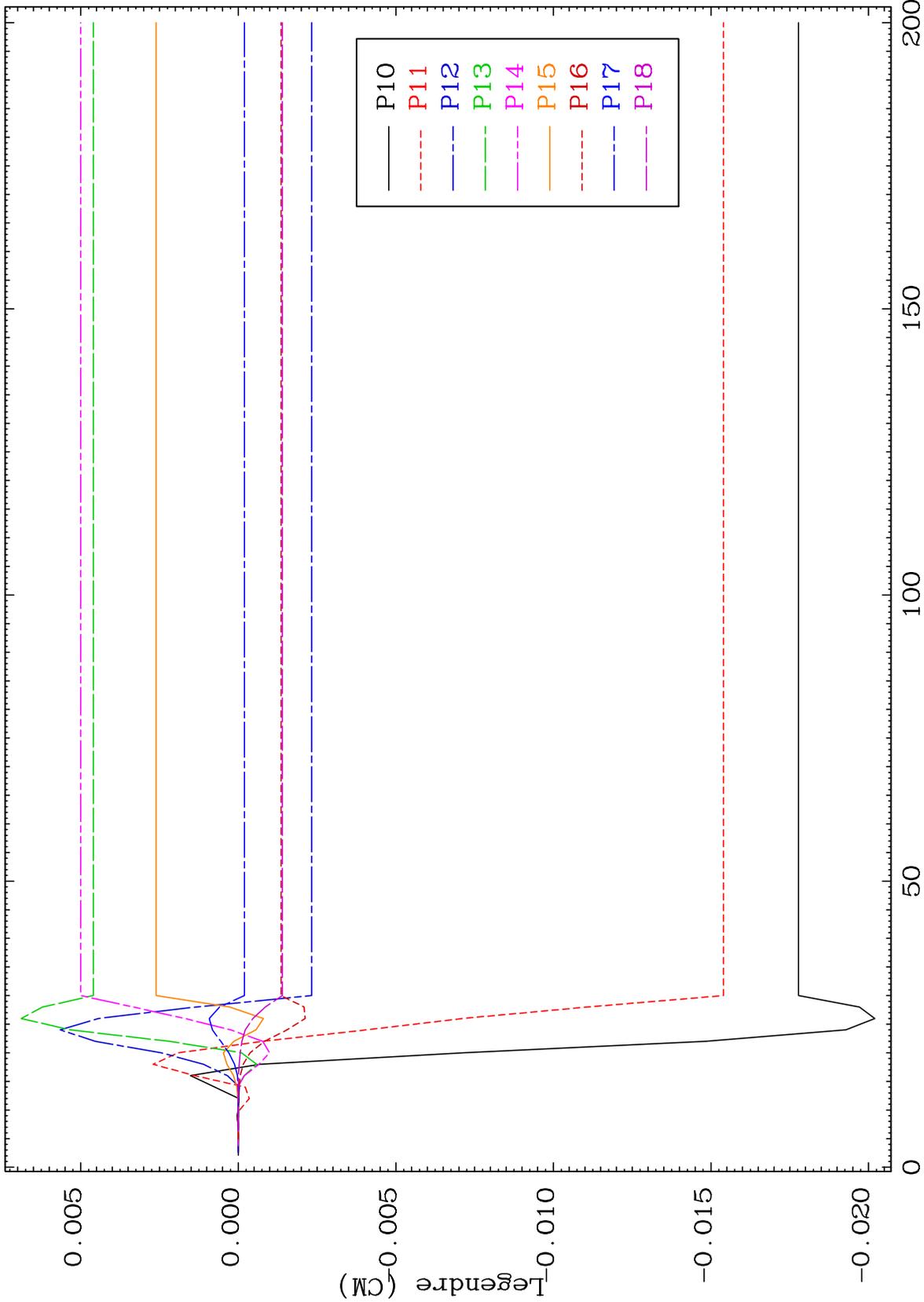
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MAT 8598

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

86-Rn-202



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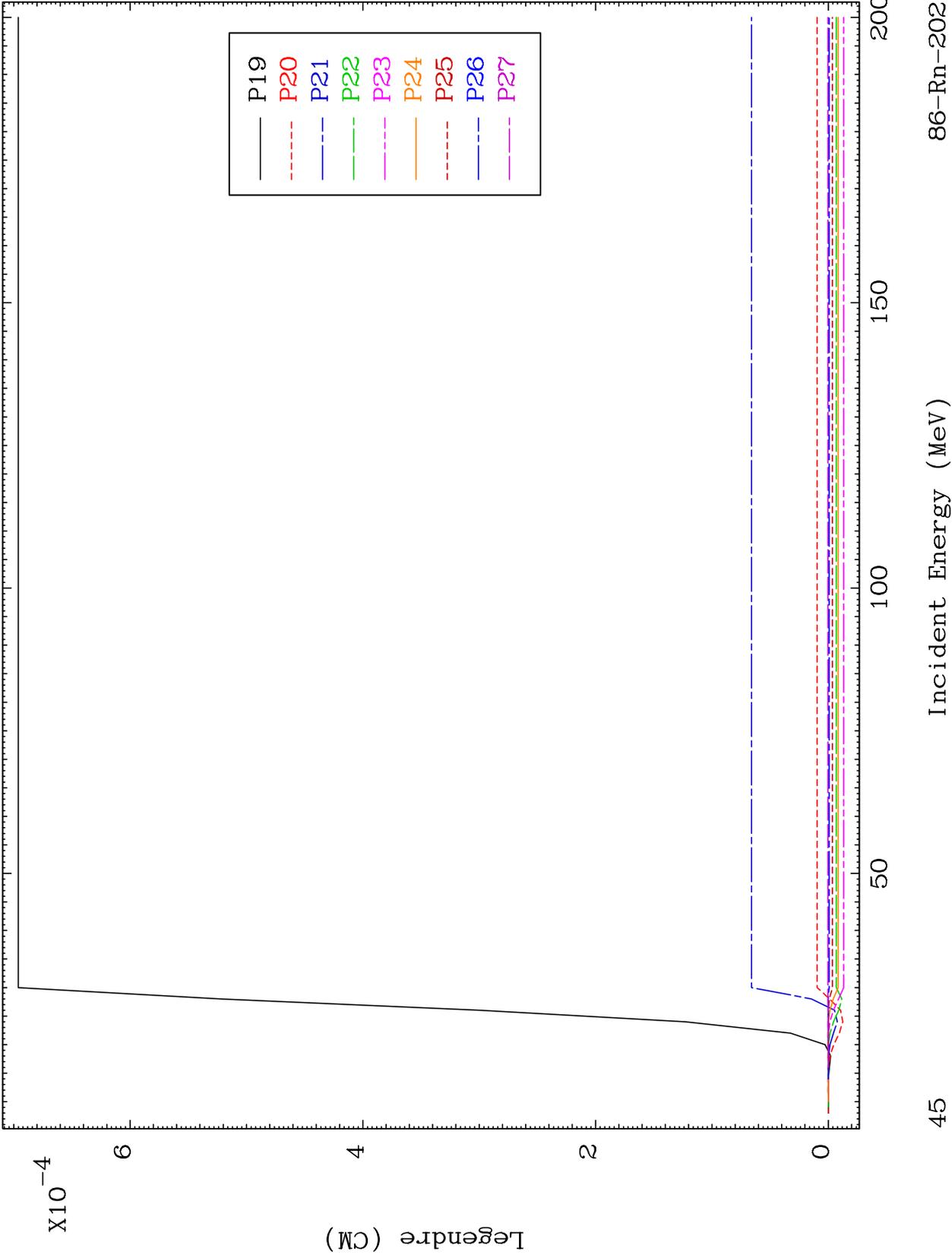
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

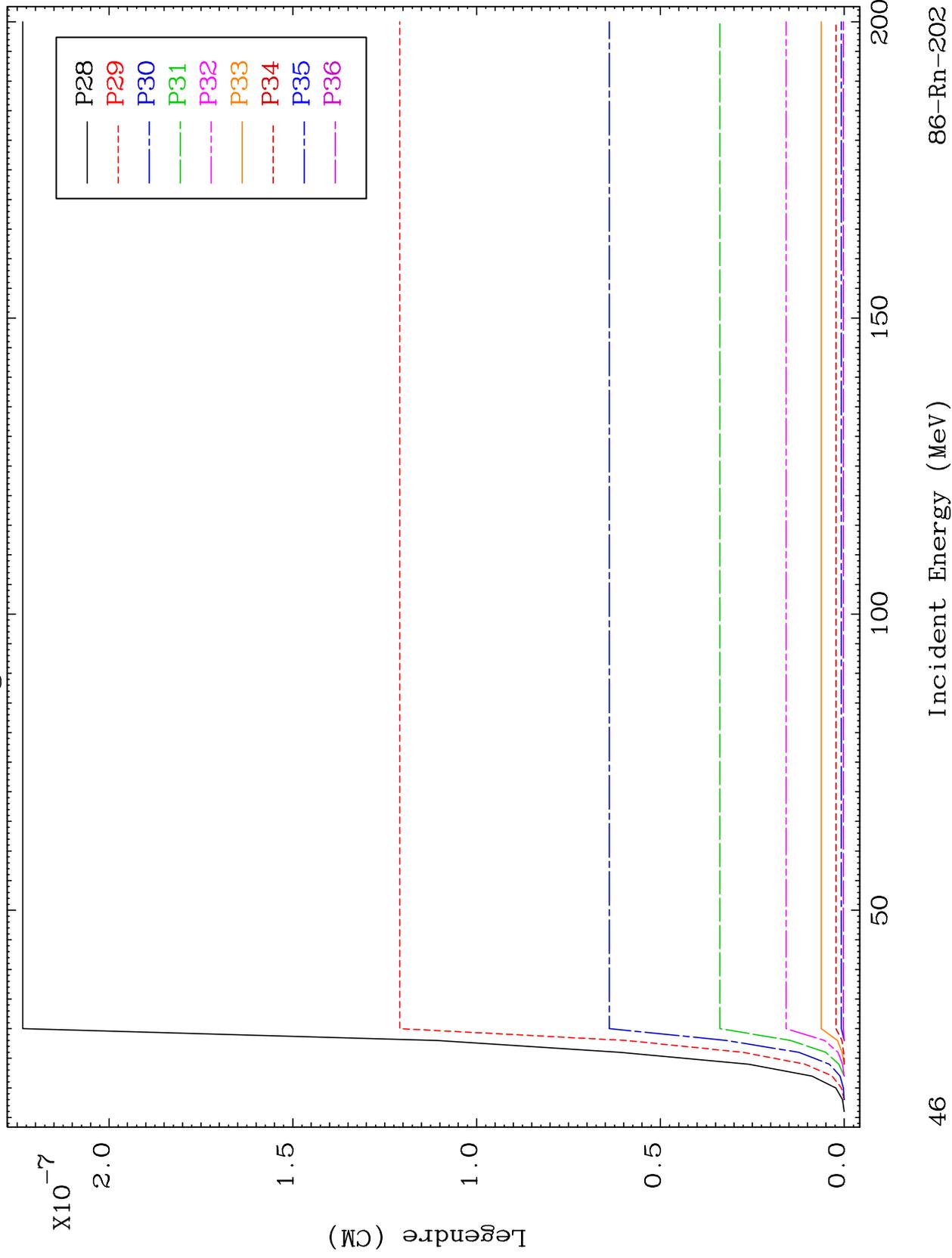
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MAT 8598

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

86-Rn-202



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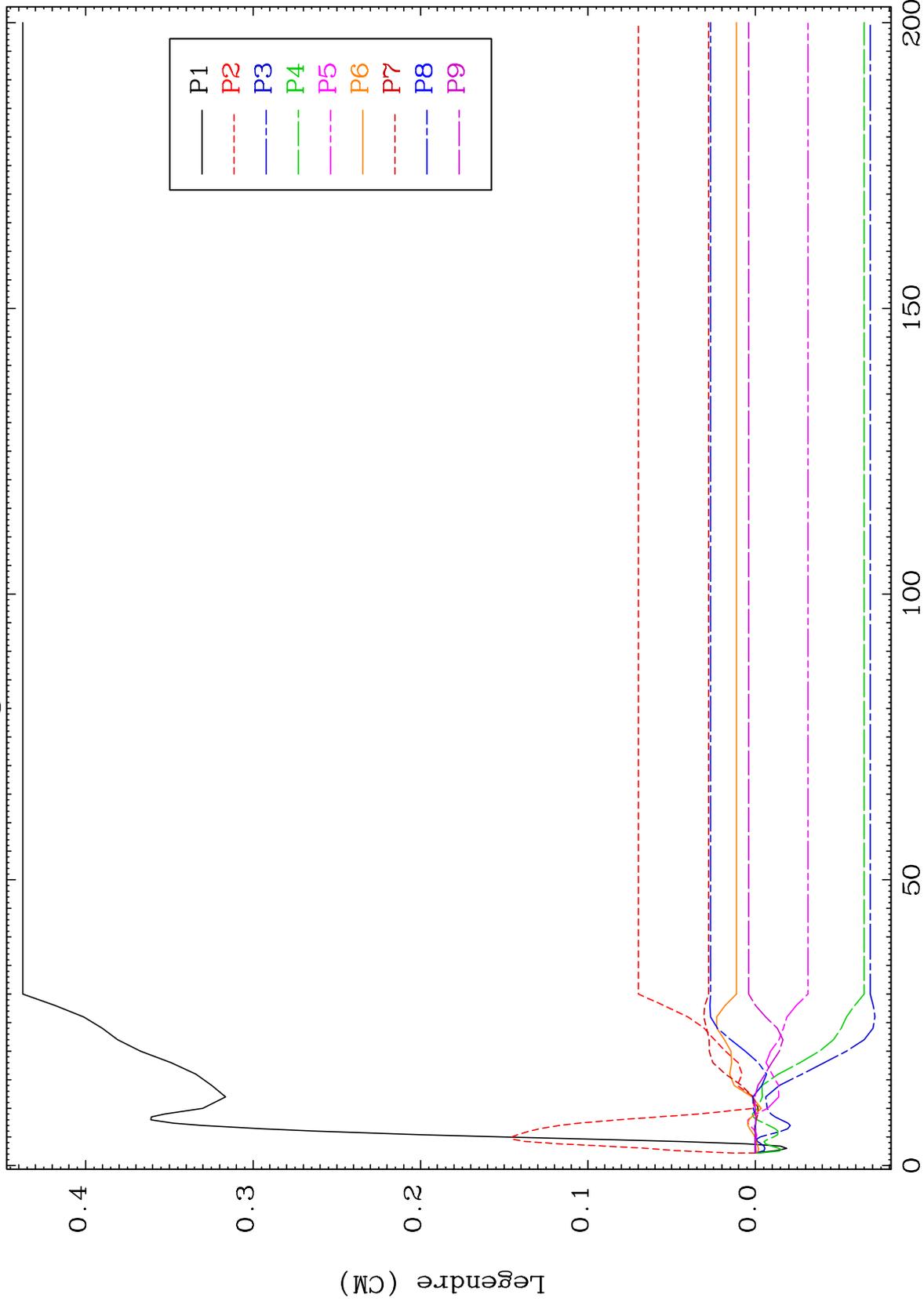
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



47

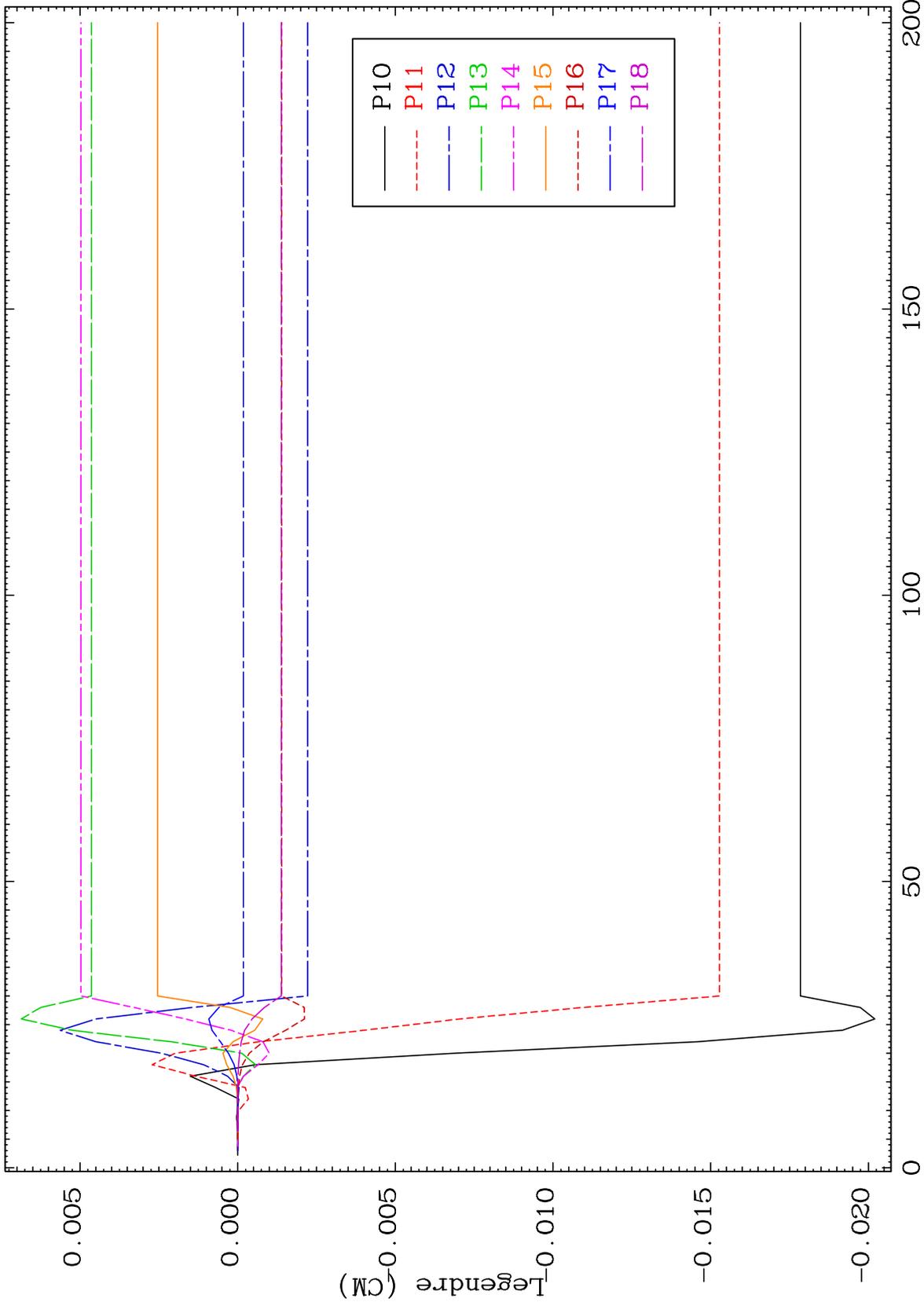
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MAT 8598

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

86-Rn-202



48

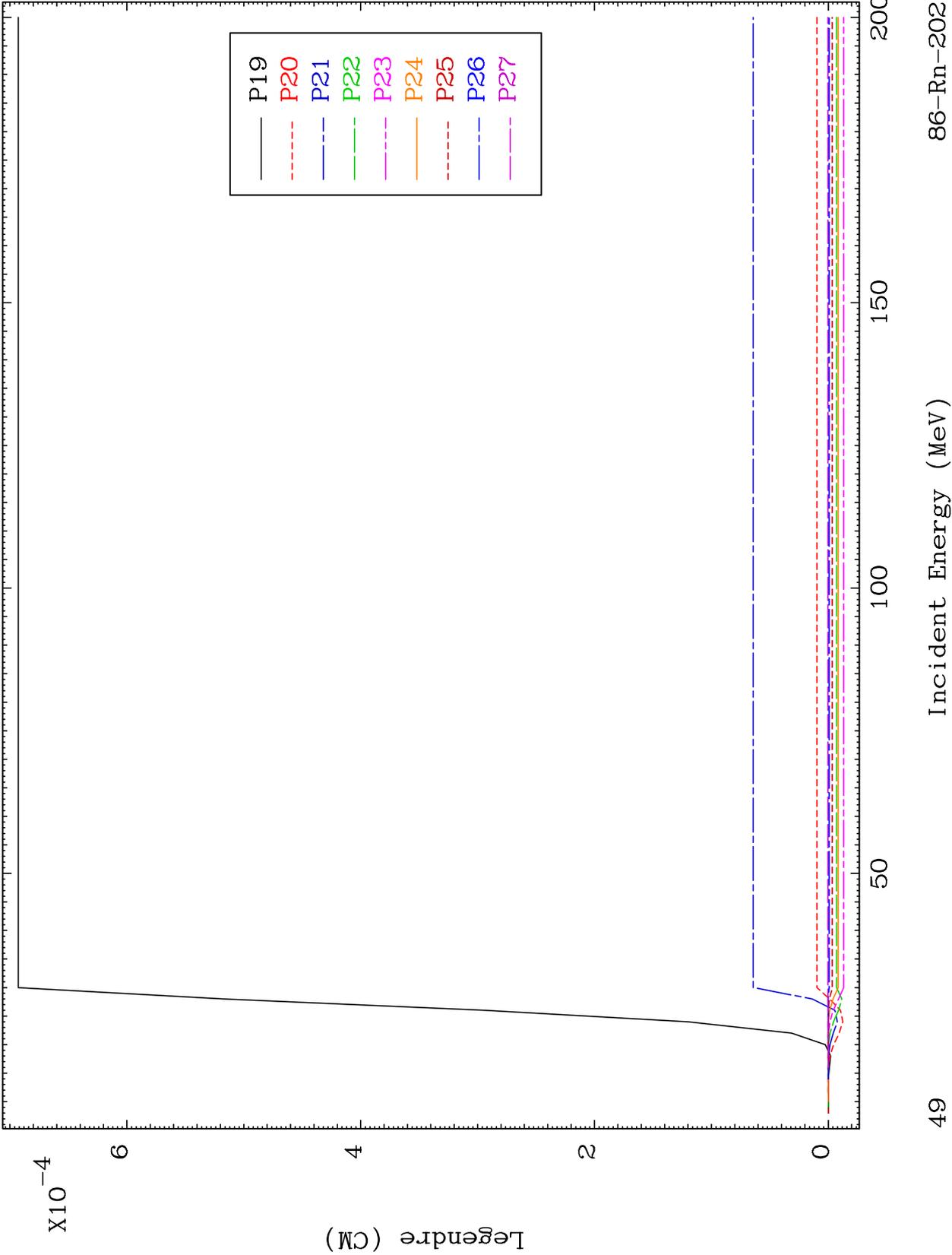
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



49

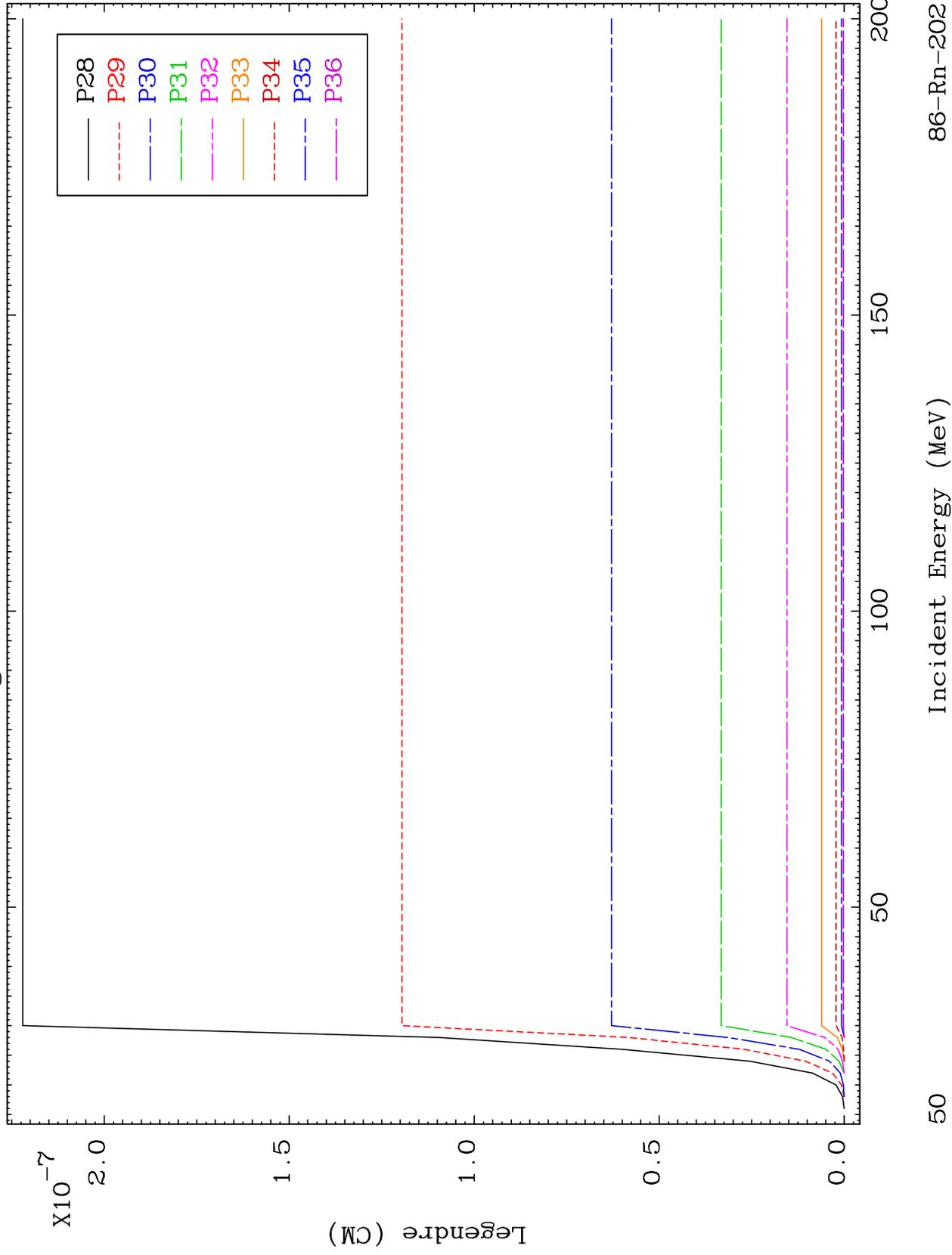
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



86-Rn-202

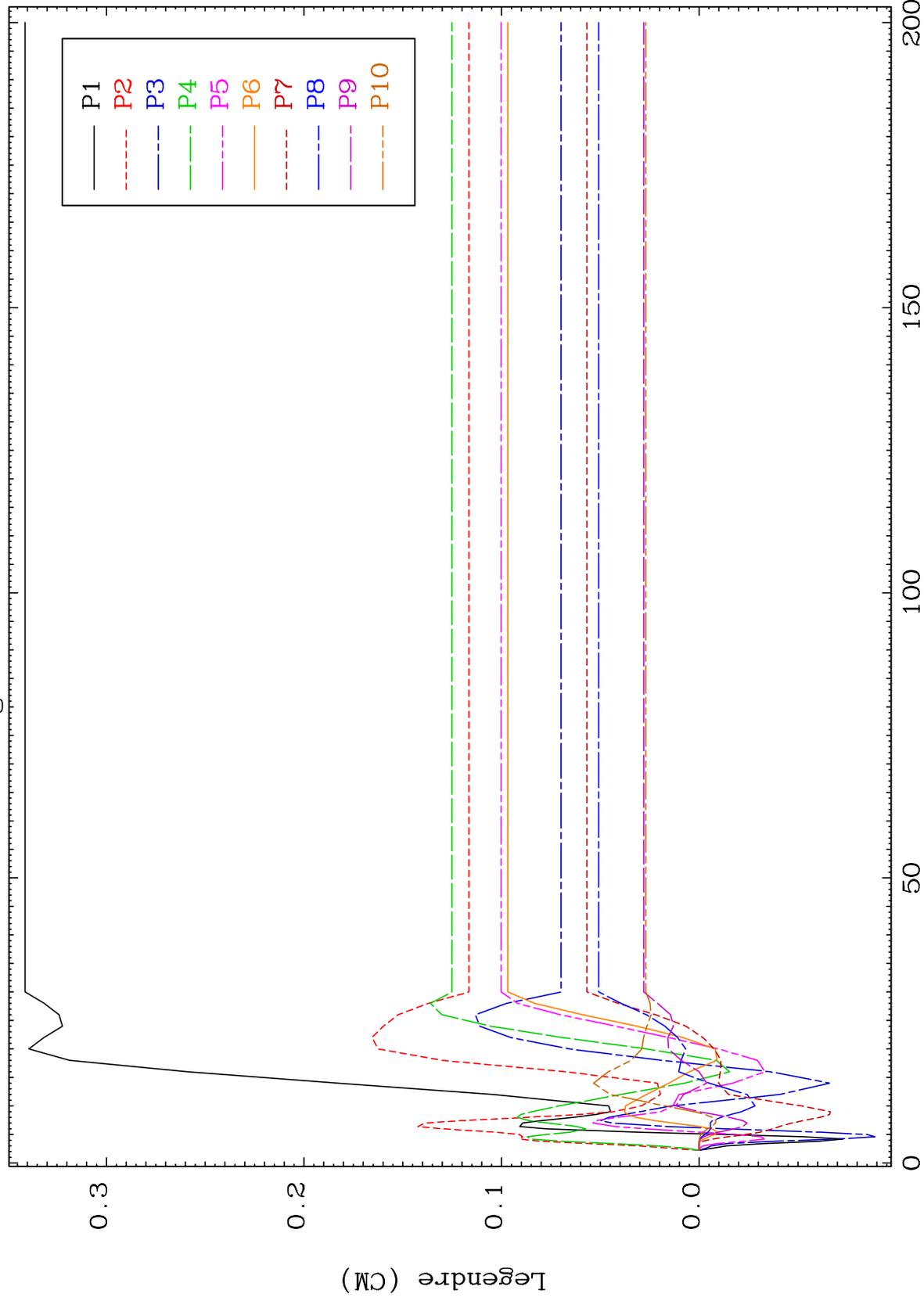
Incident Energy (MeV)

50

MAT 8598

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

86-Rn-202



51

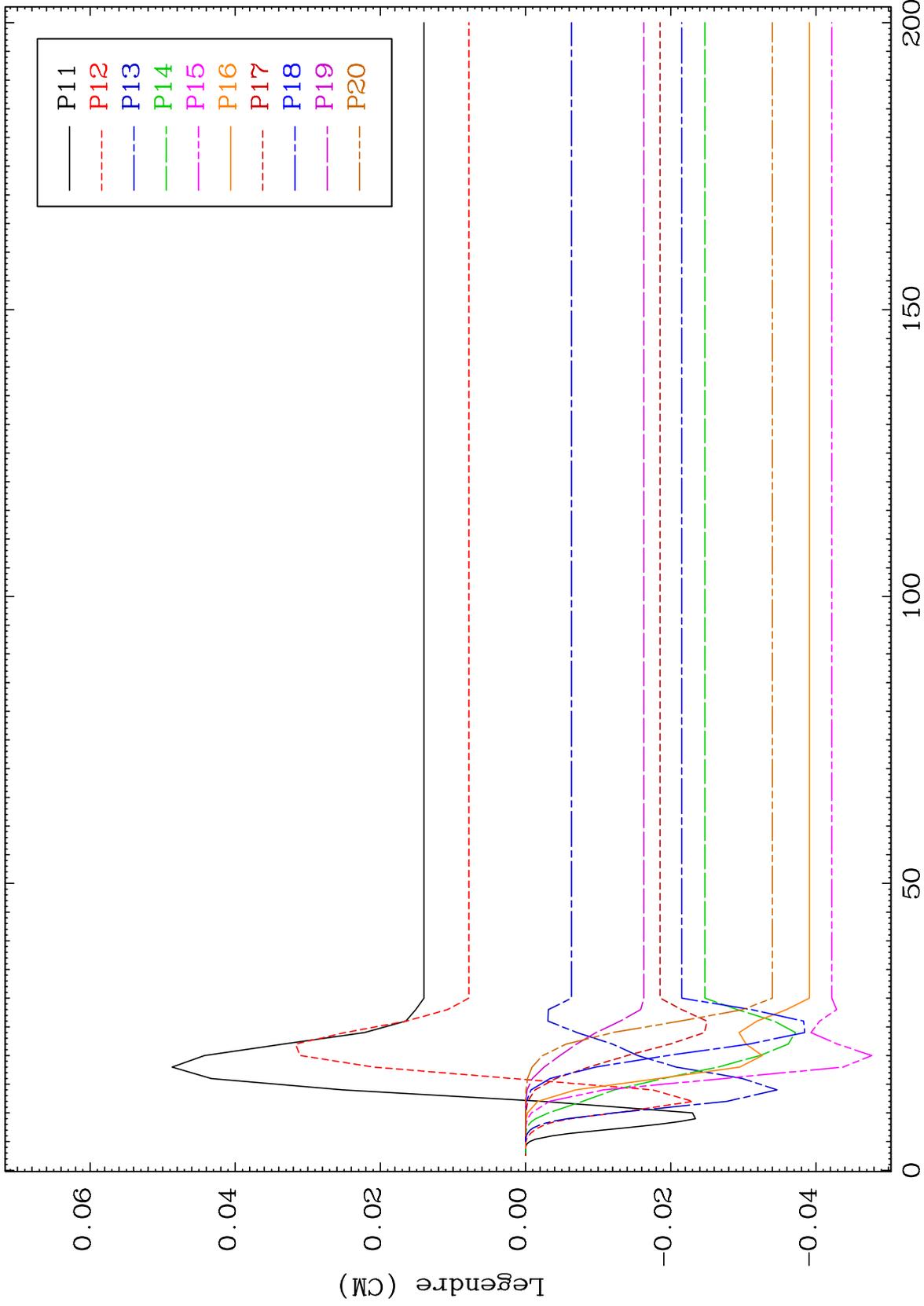
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MAT 8598

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

86-Rn-202



52

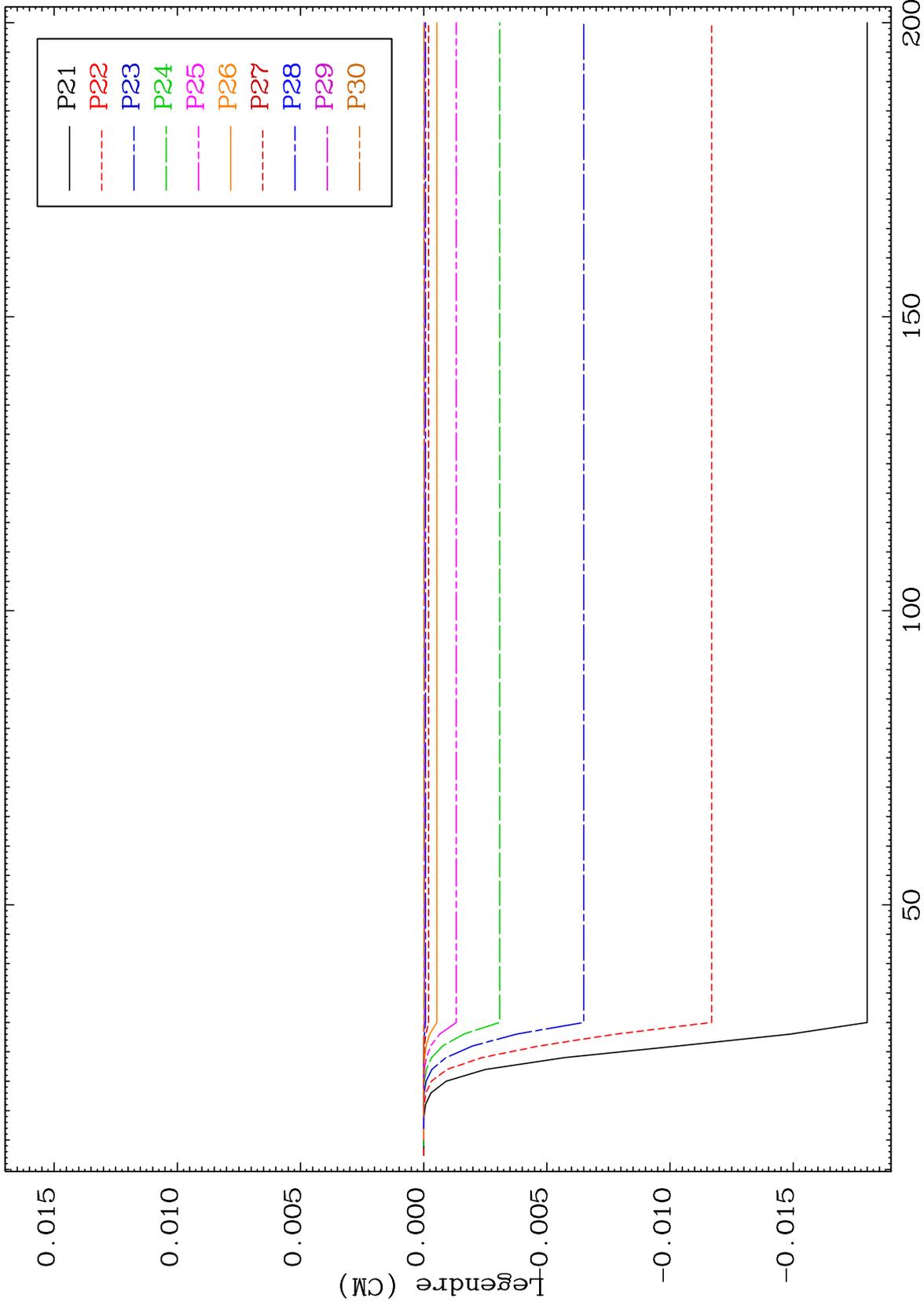
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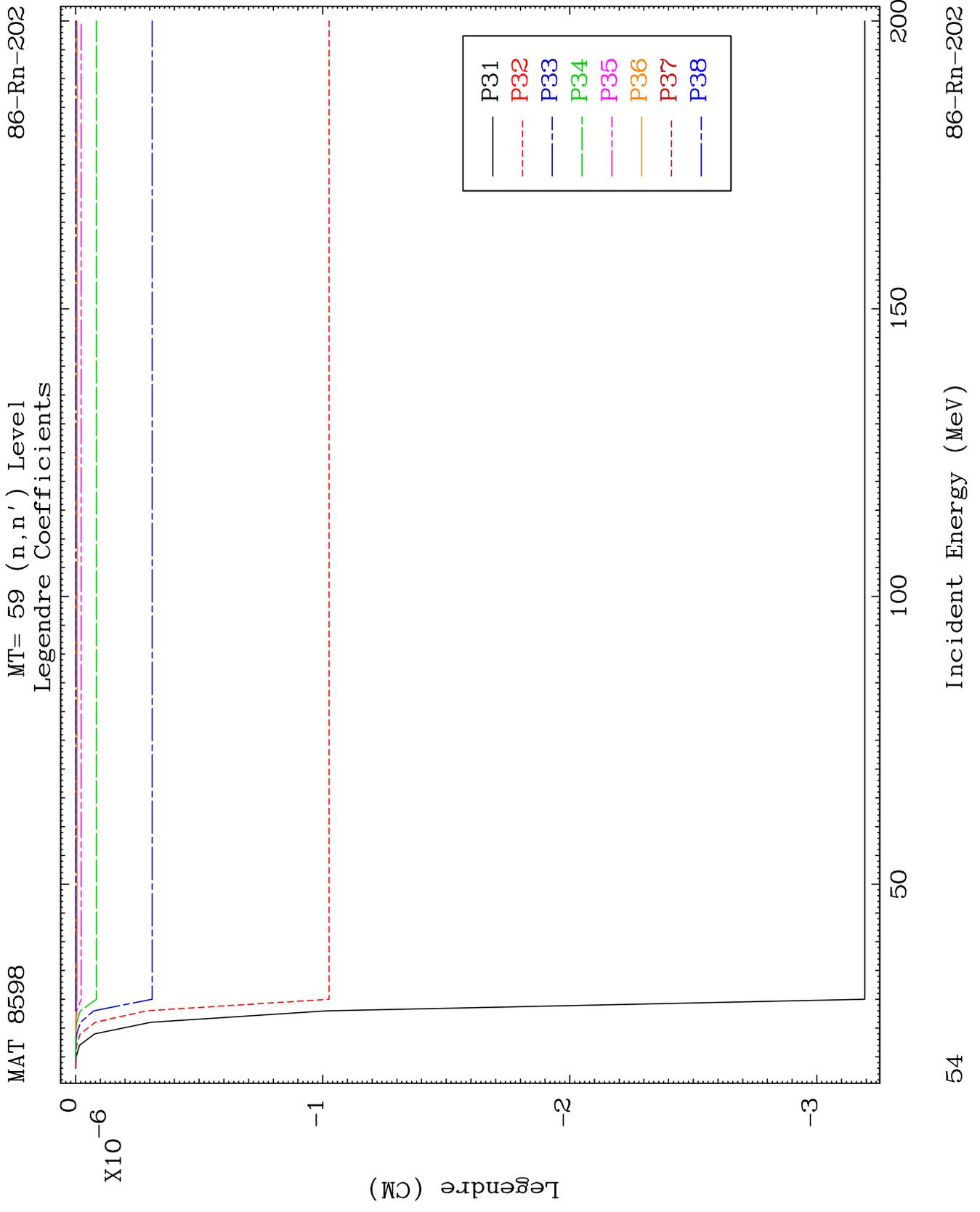
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MAT 8598

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

86-Rn-202

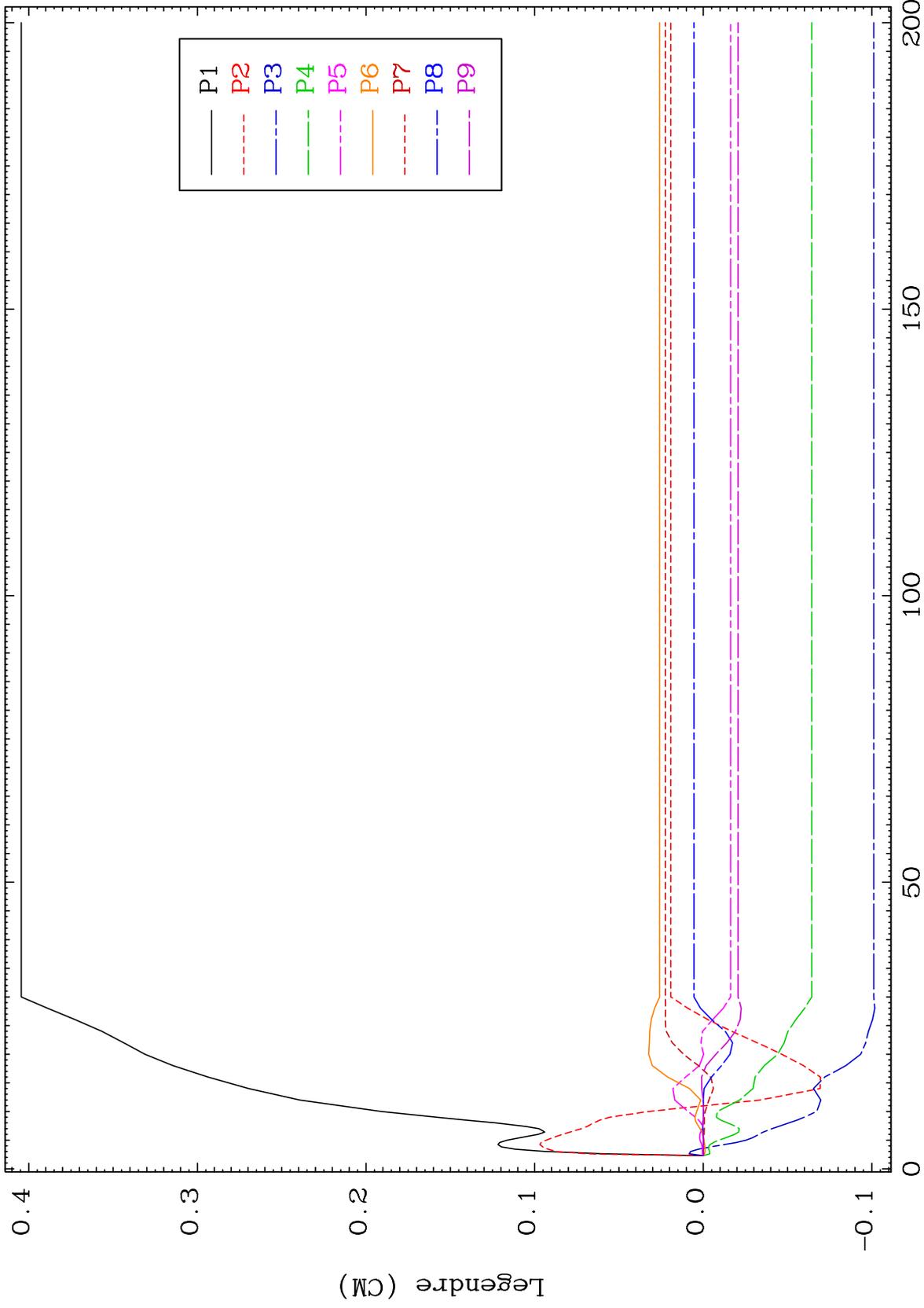




MAT 8598

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

86-Rn-202



55

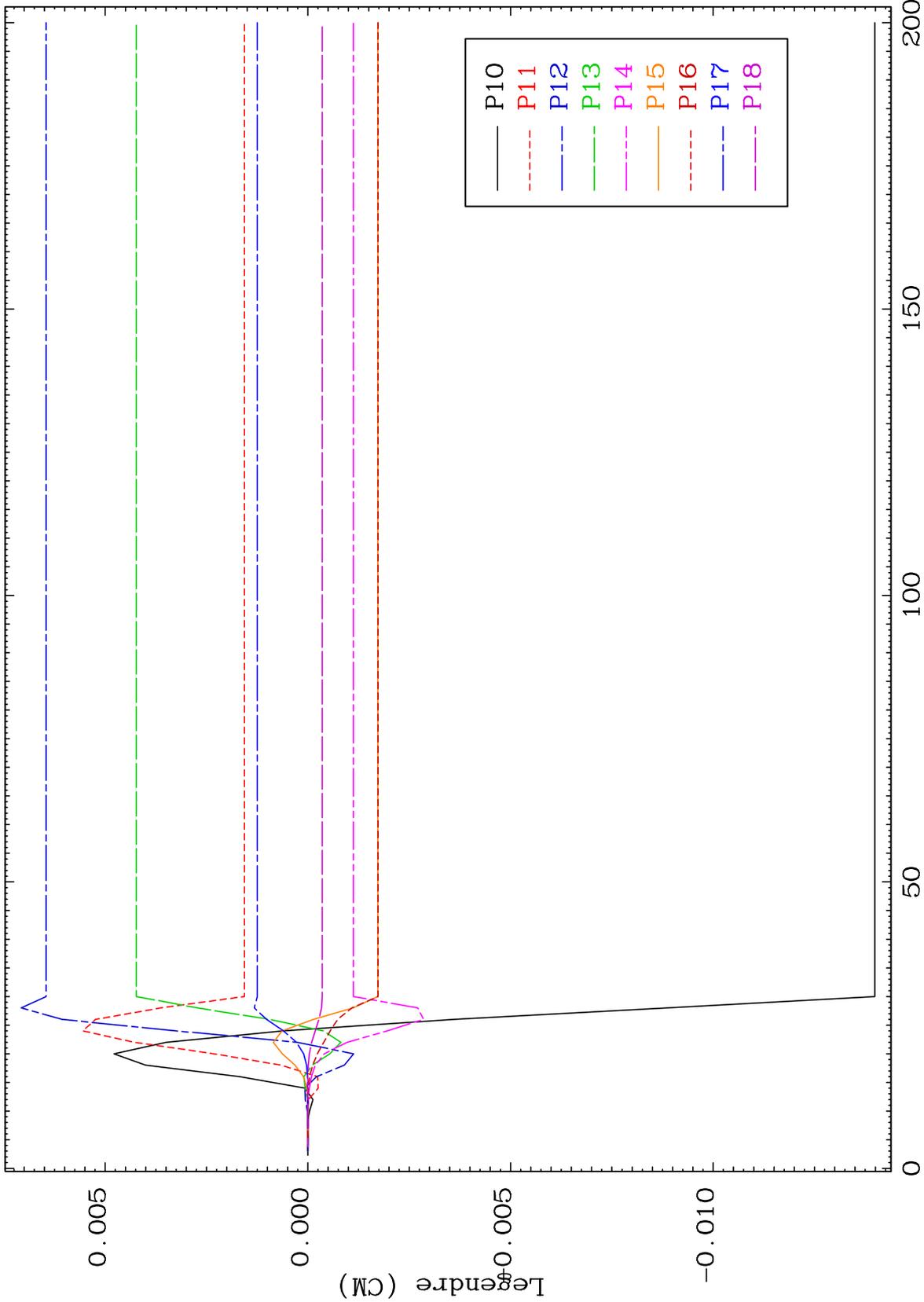
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

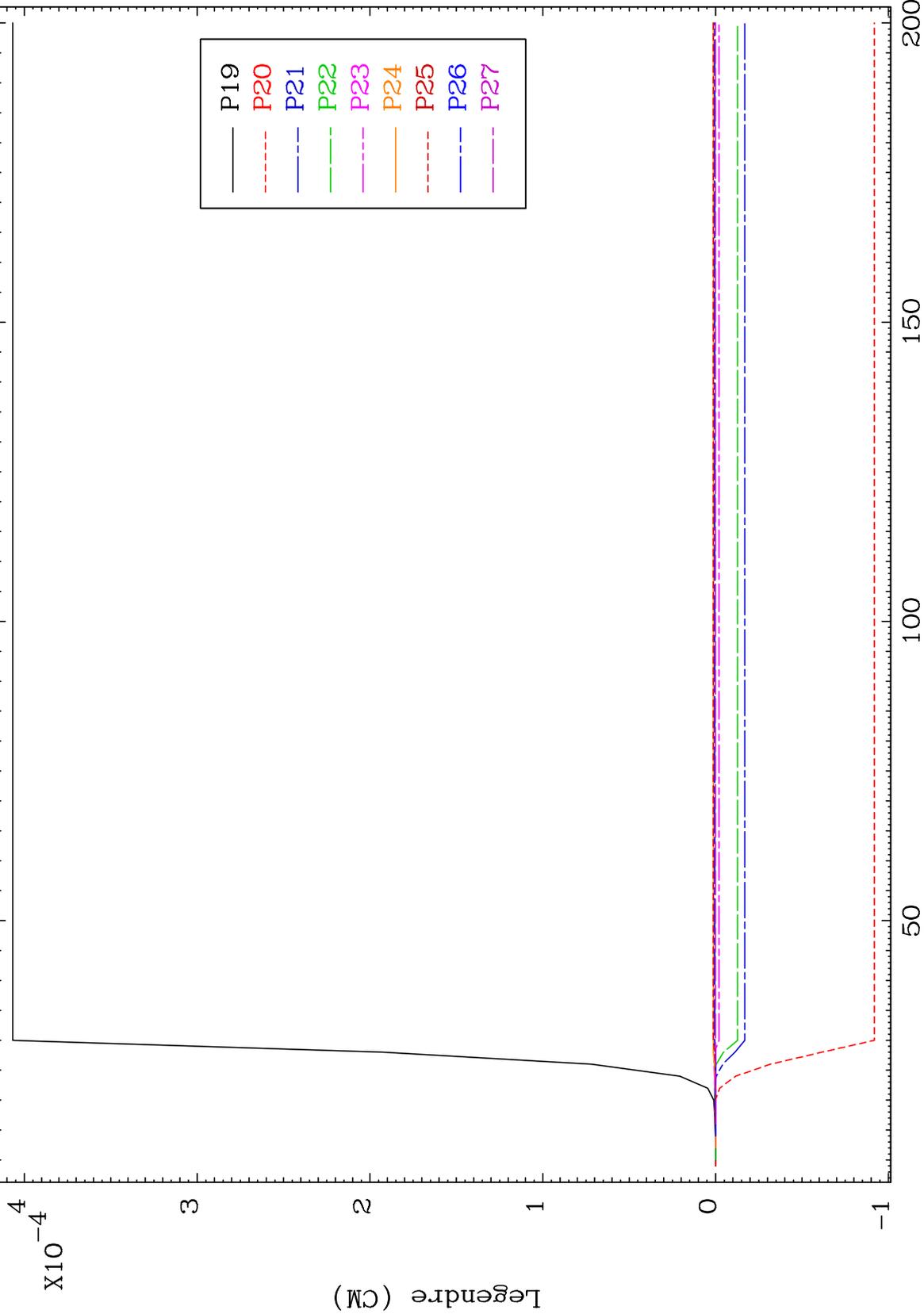
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56

Incident Energy (MeV)

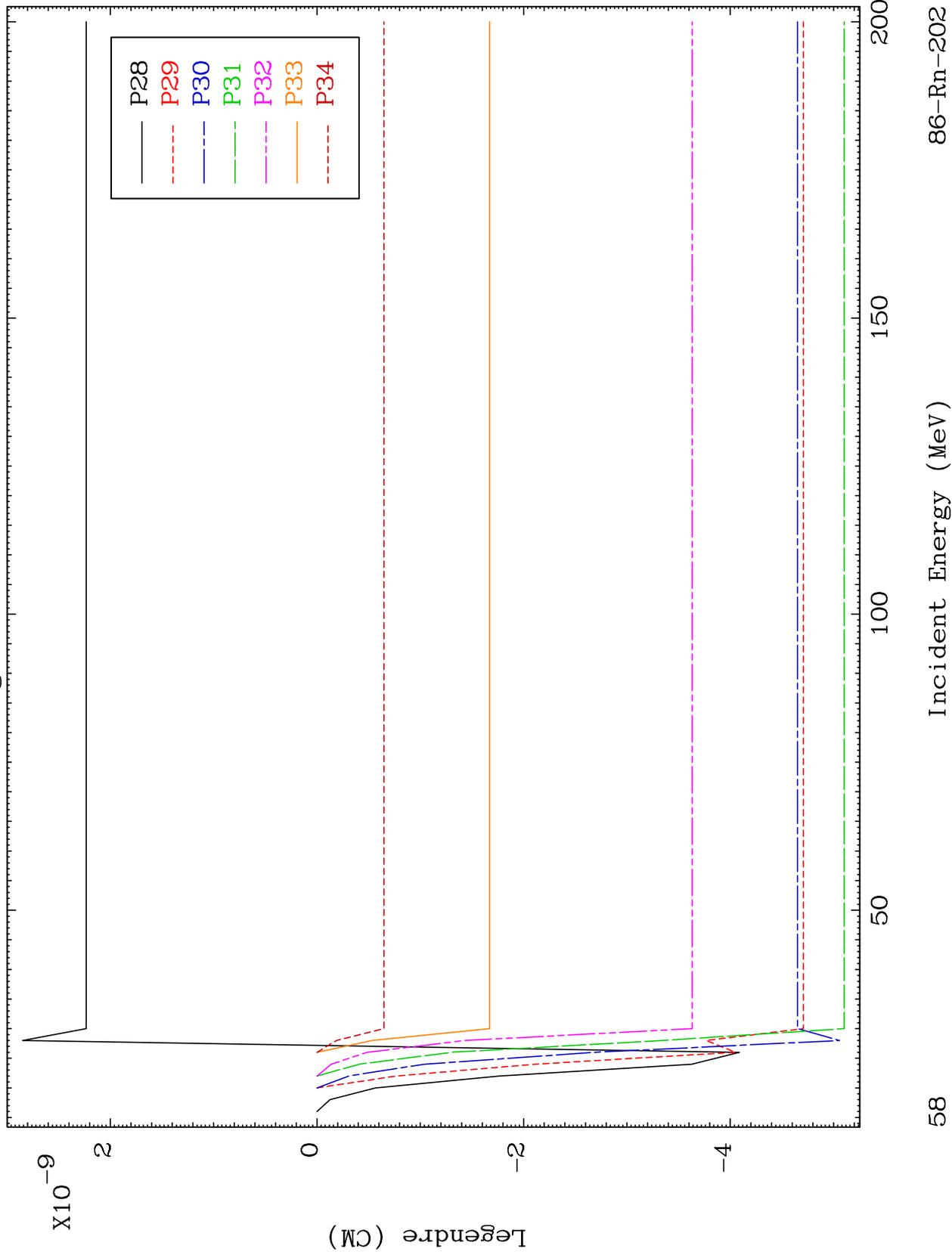
86-Rn-202



MAT 8598

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

86-Rn-202



58

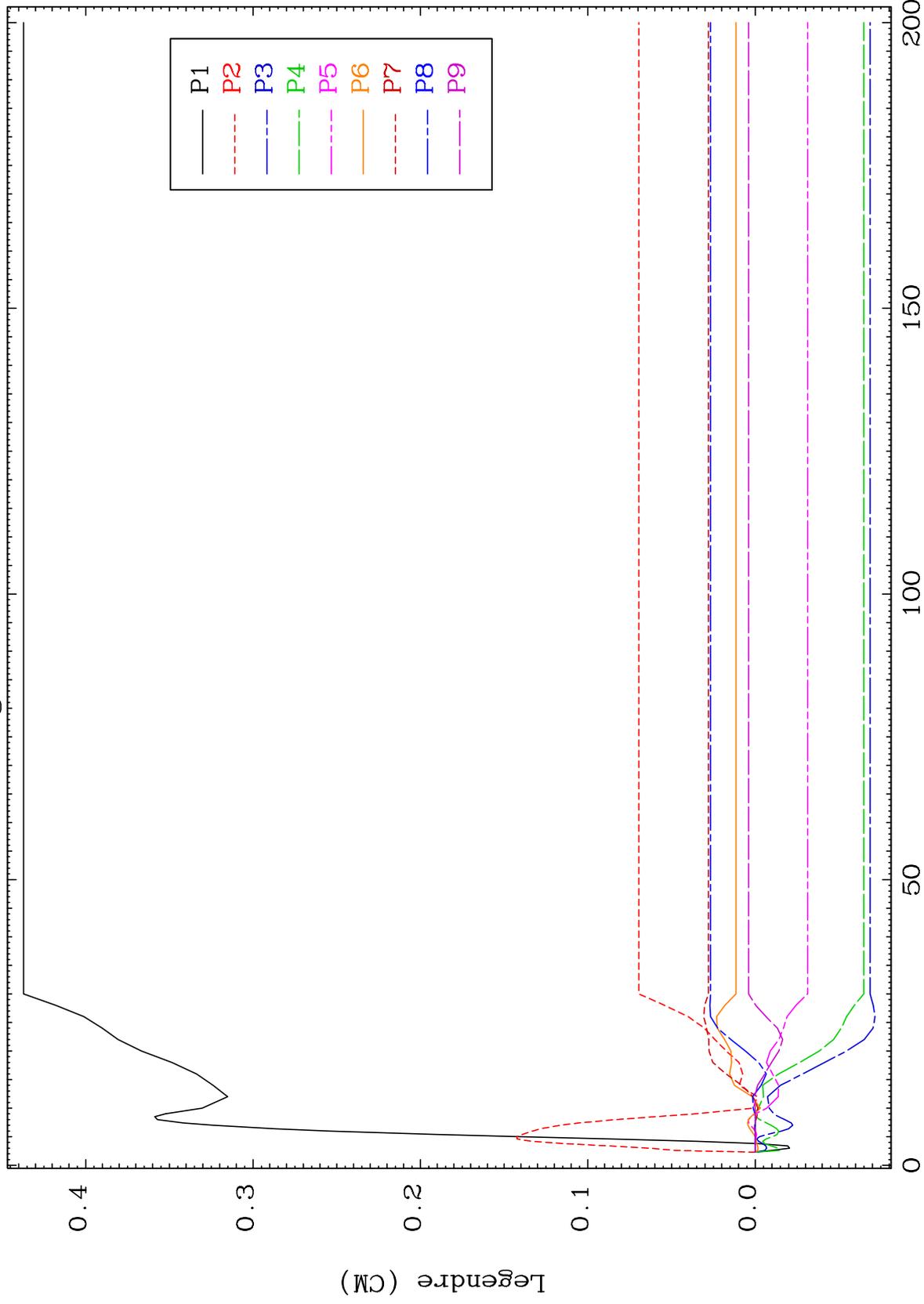
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



59

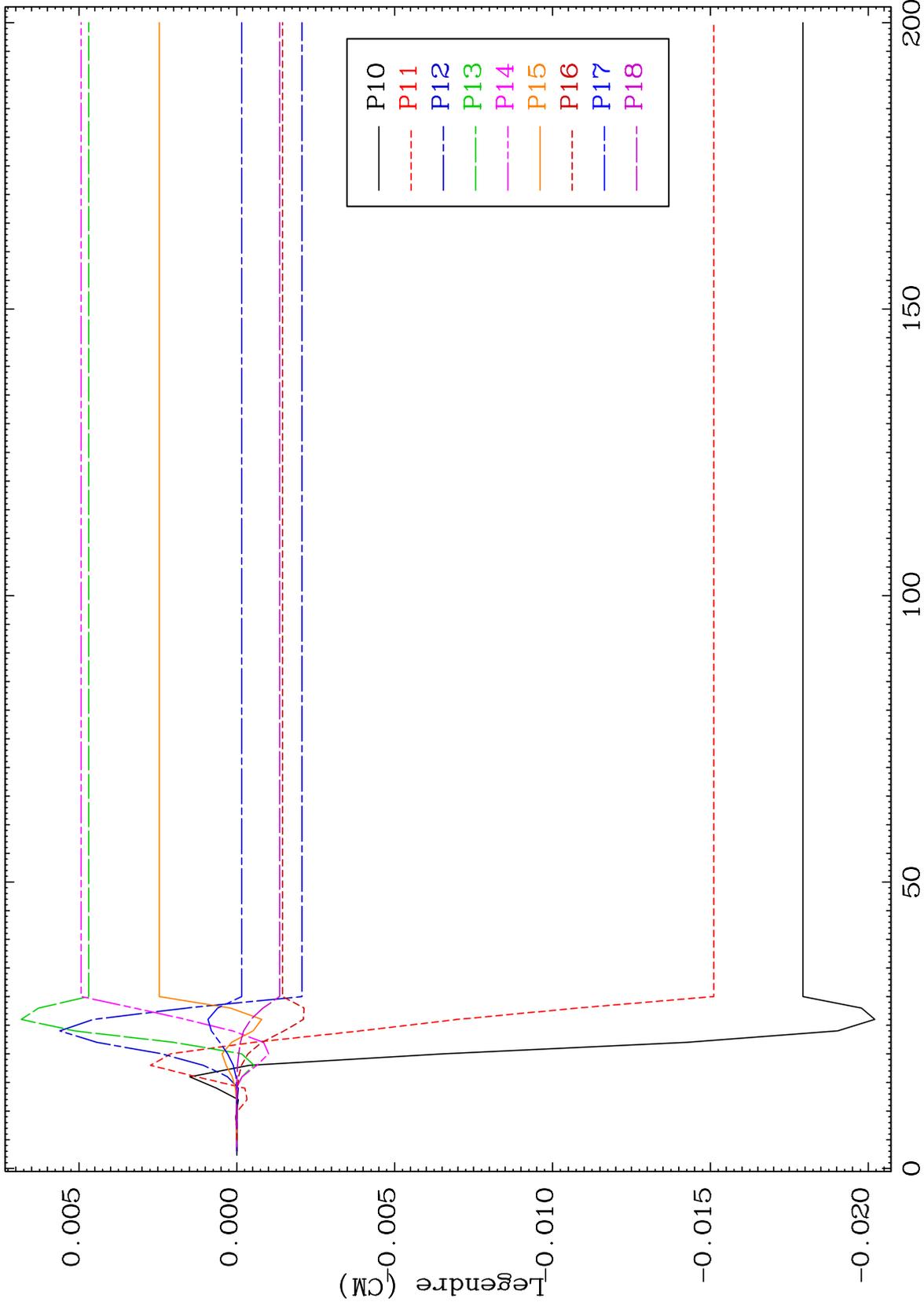
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



86-Rn-202

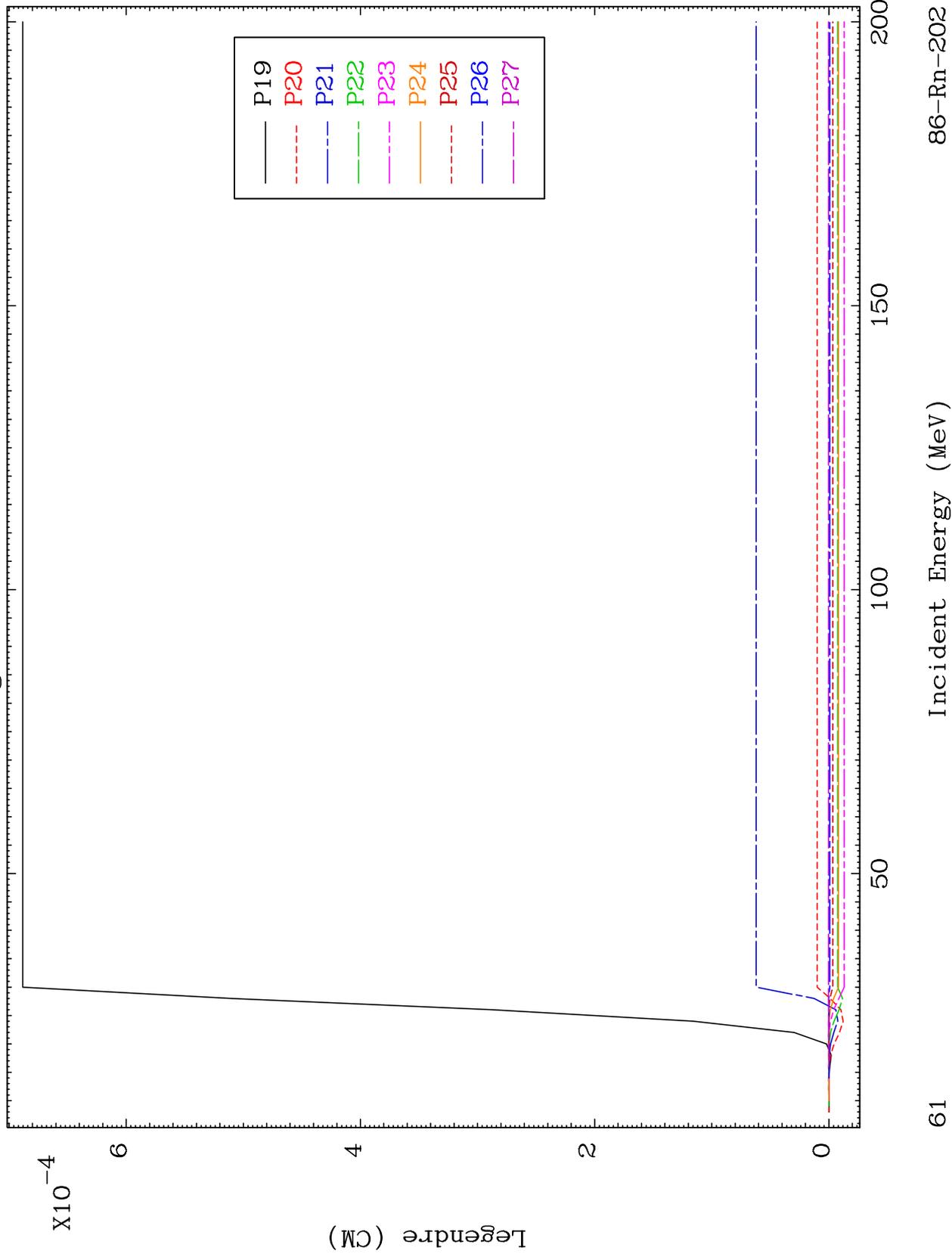
Incident Energy (MeV)

60

MAT 8598

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

86-Rn-202



61

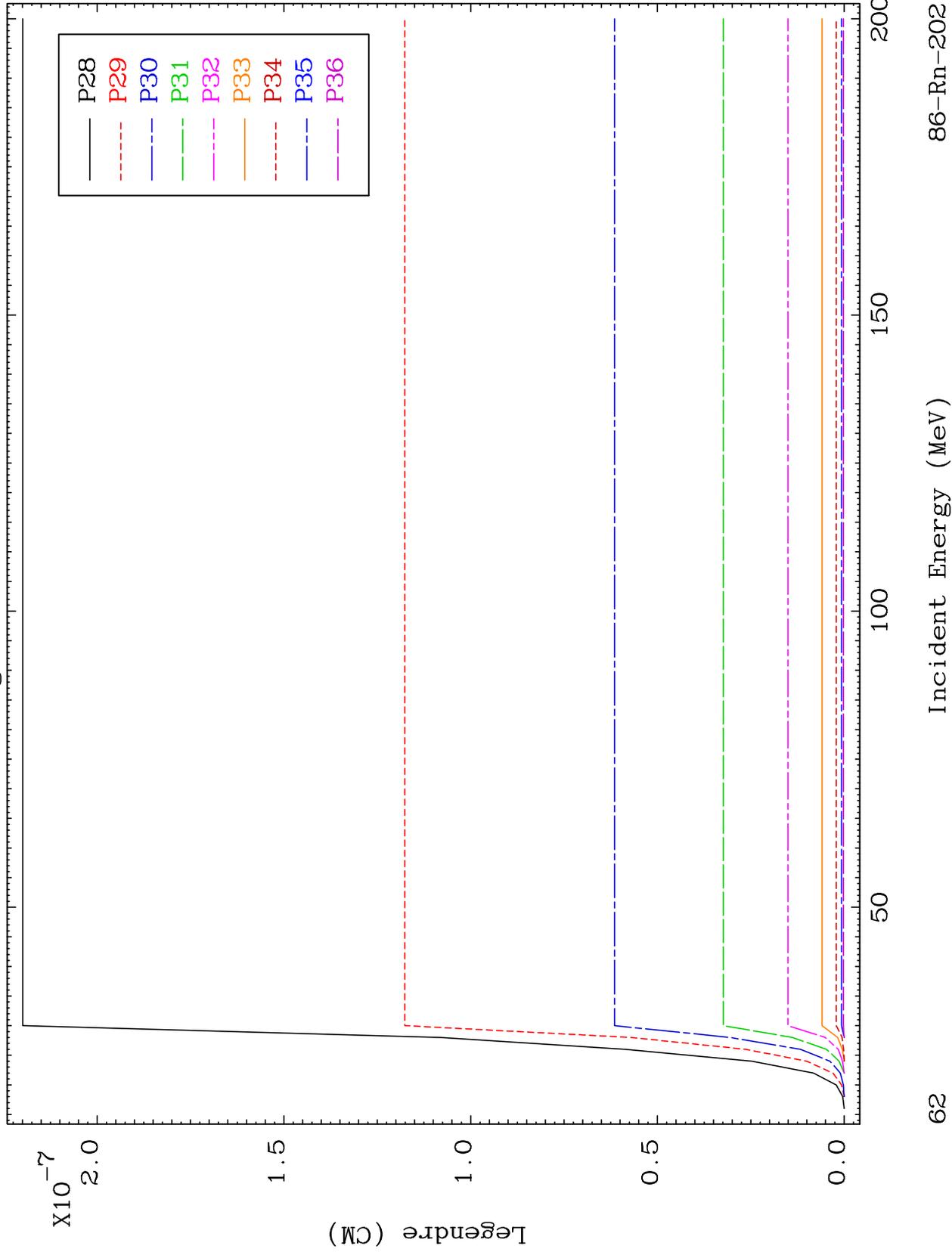
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

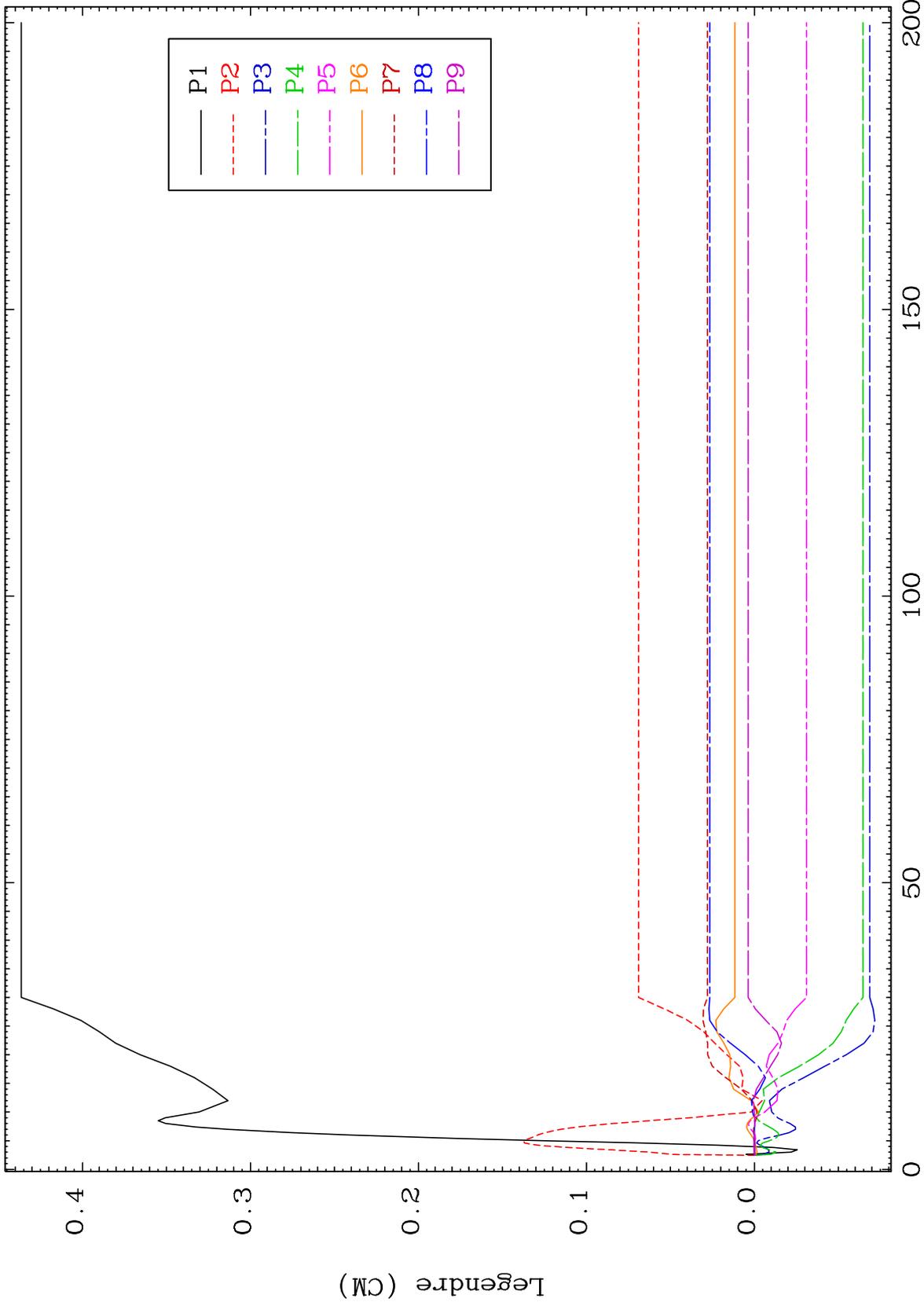
86-Rn-202



MAT 8598

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

86-Rn-202



63

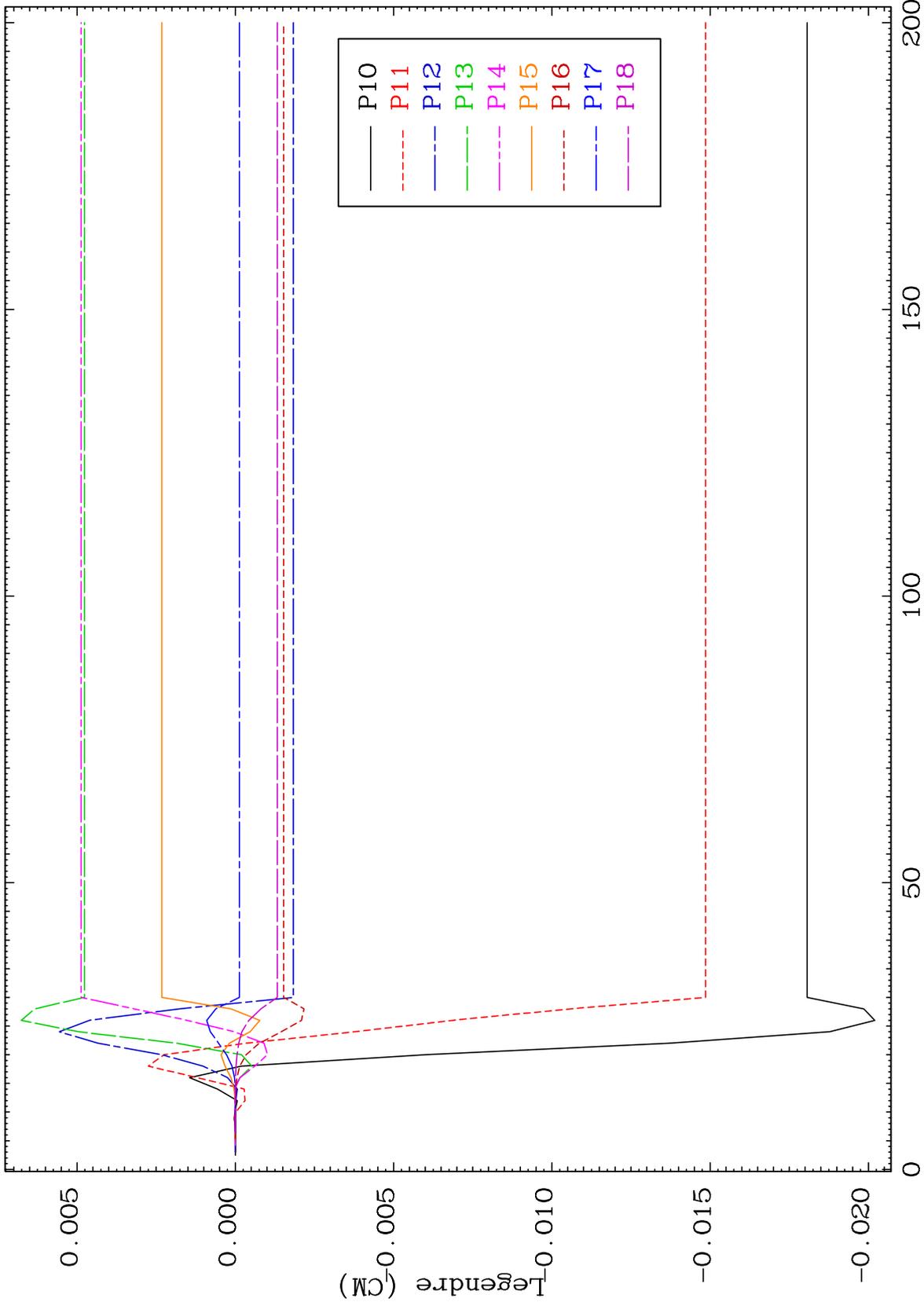
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



64

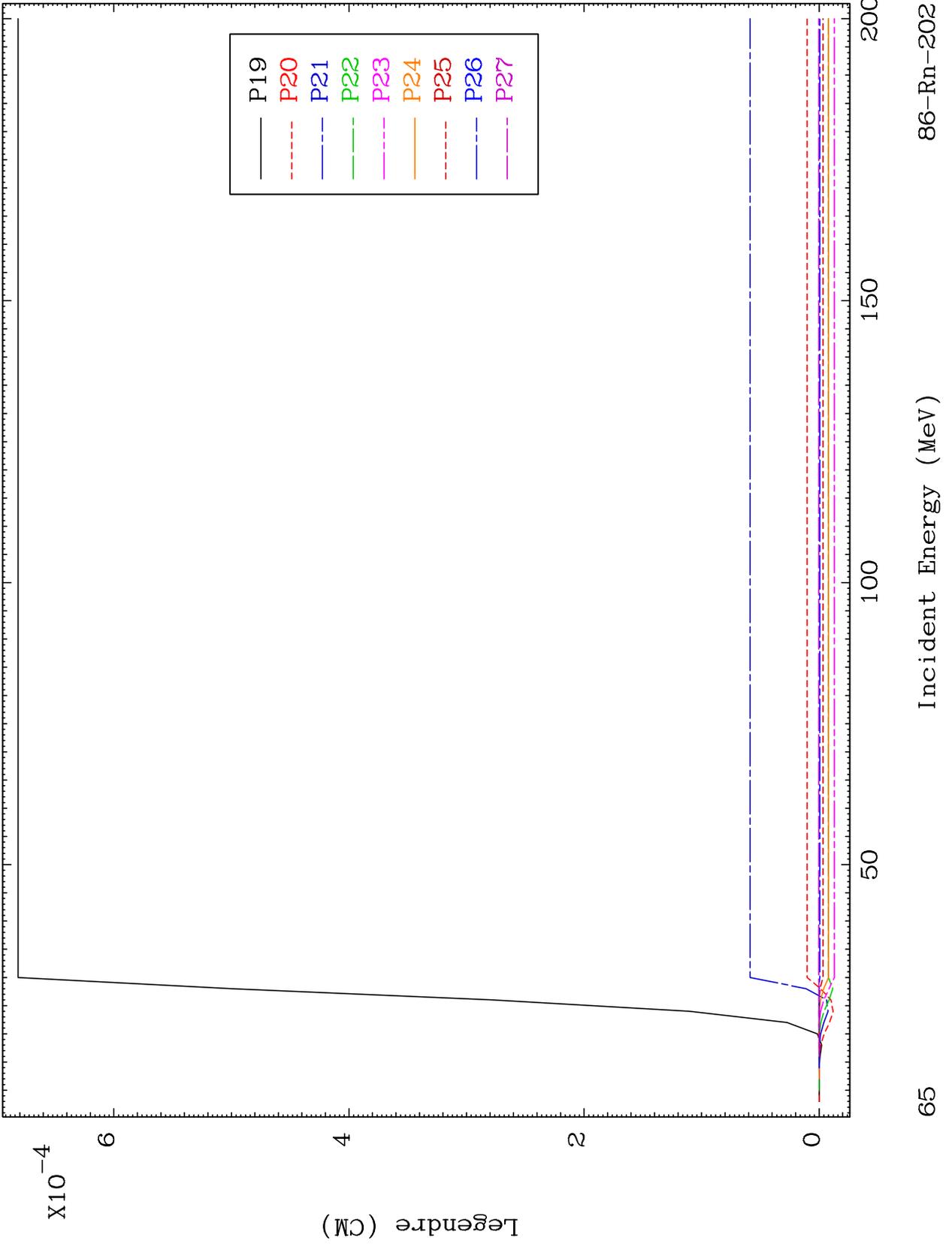
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202

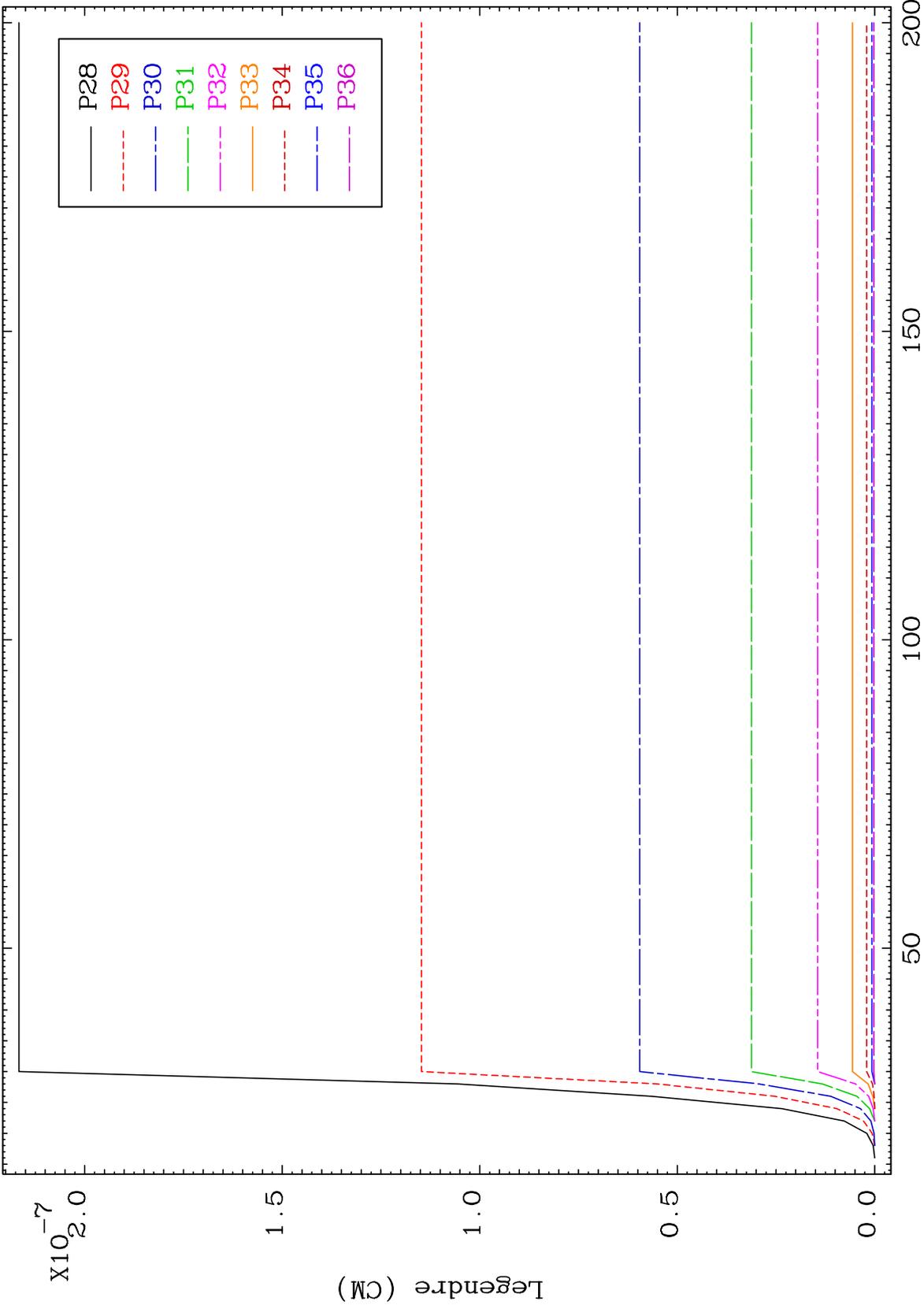


65

MAT 8598

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

86-Rn-202



66

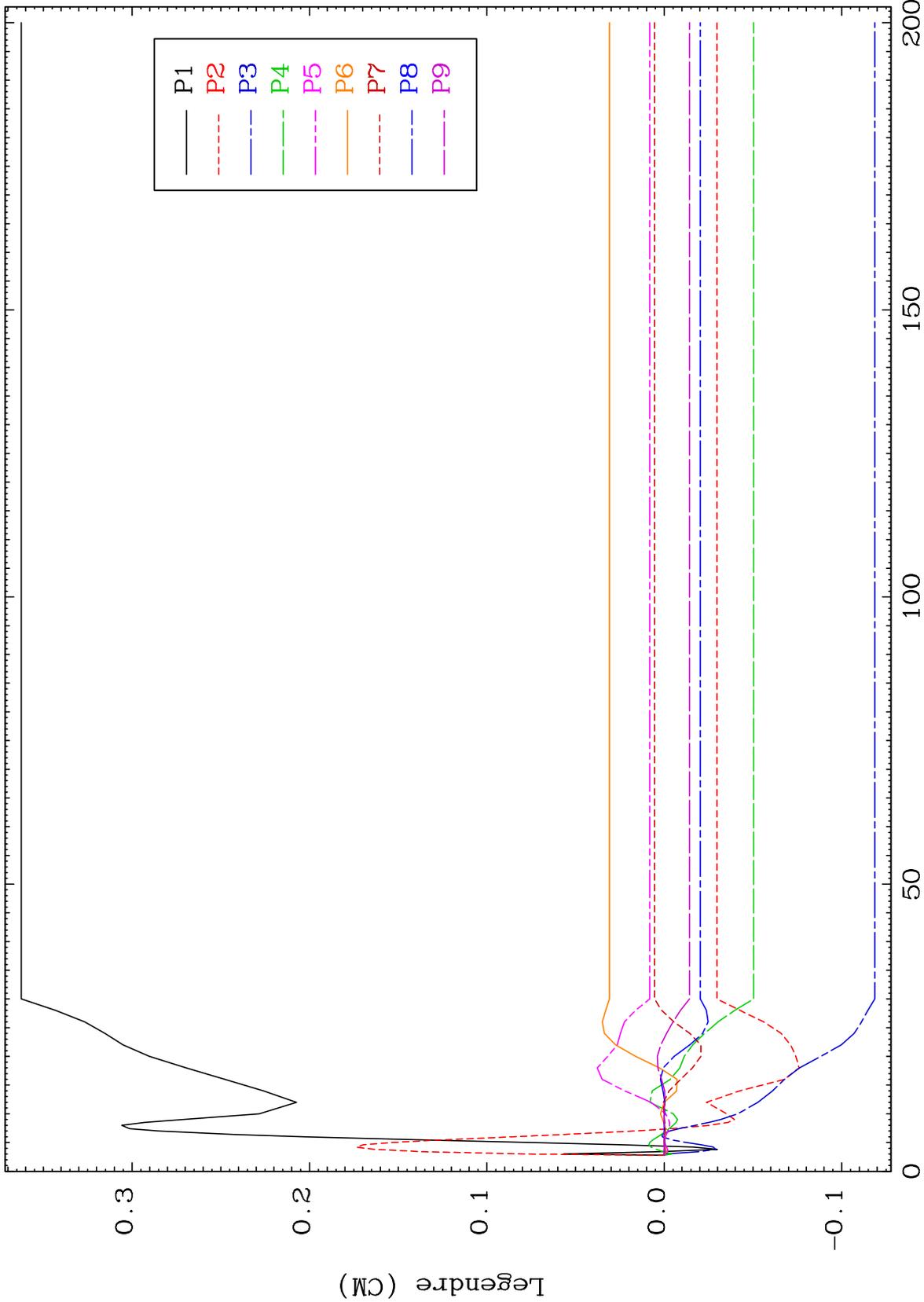
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



67

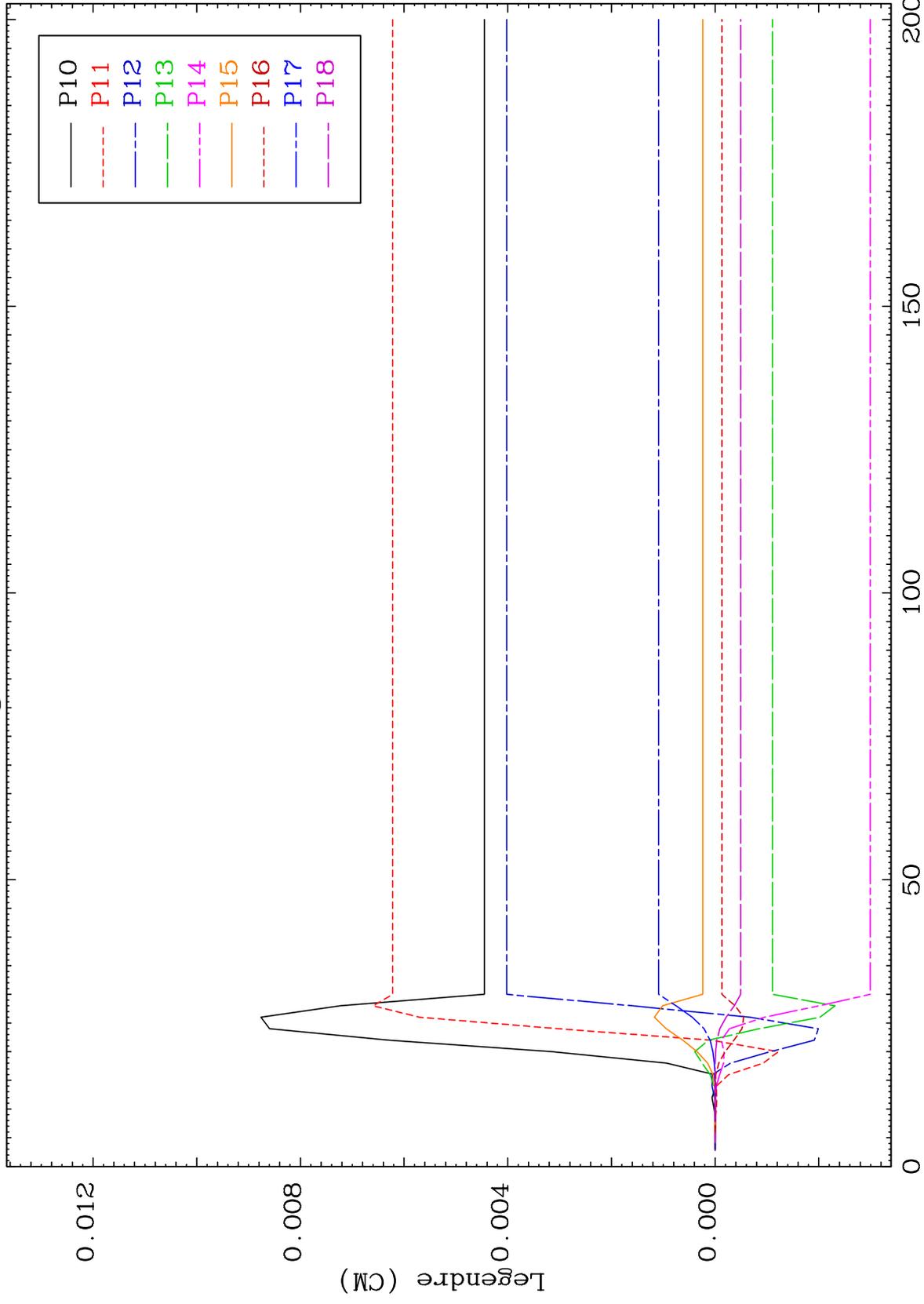
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

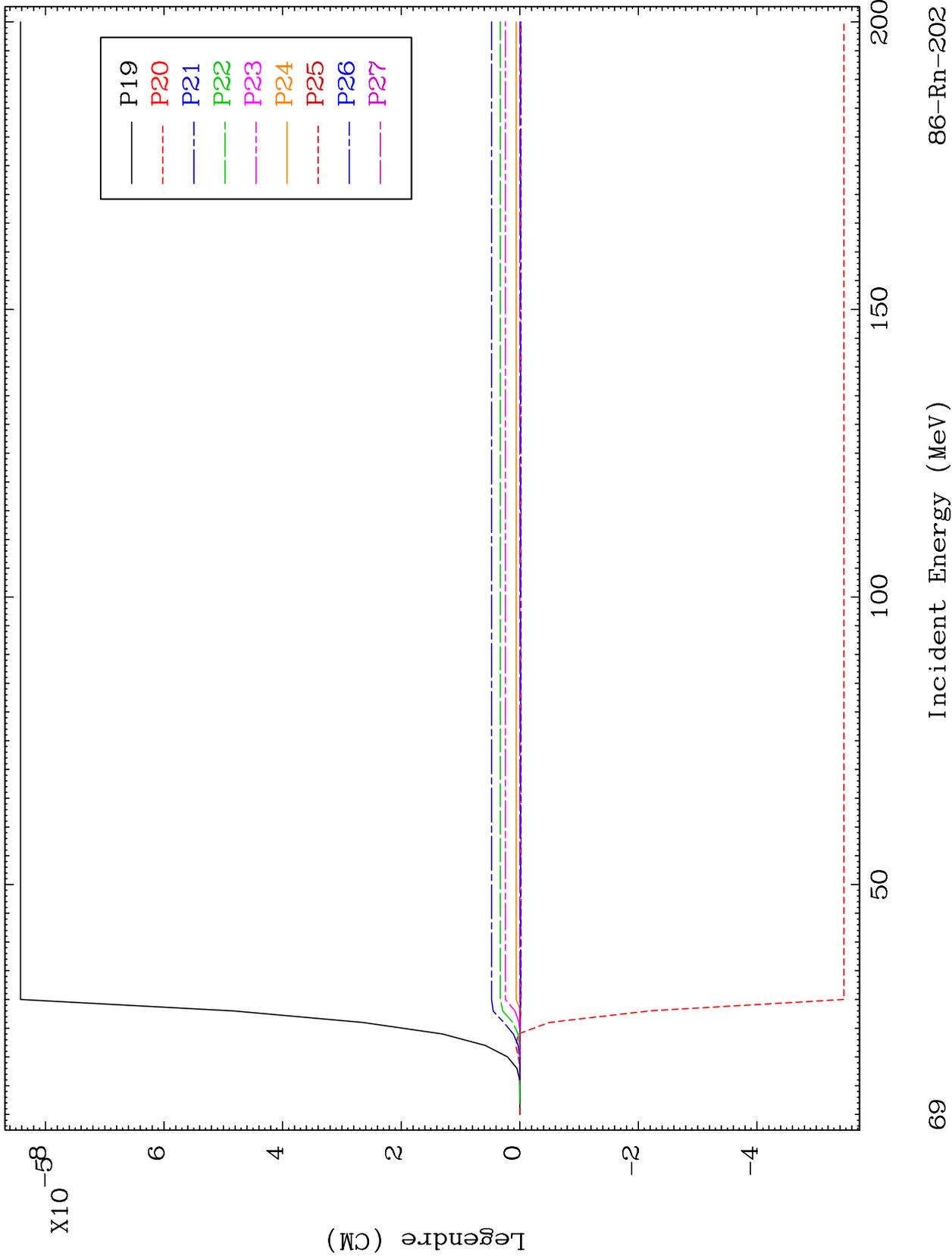
86-Rn-202

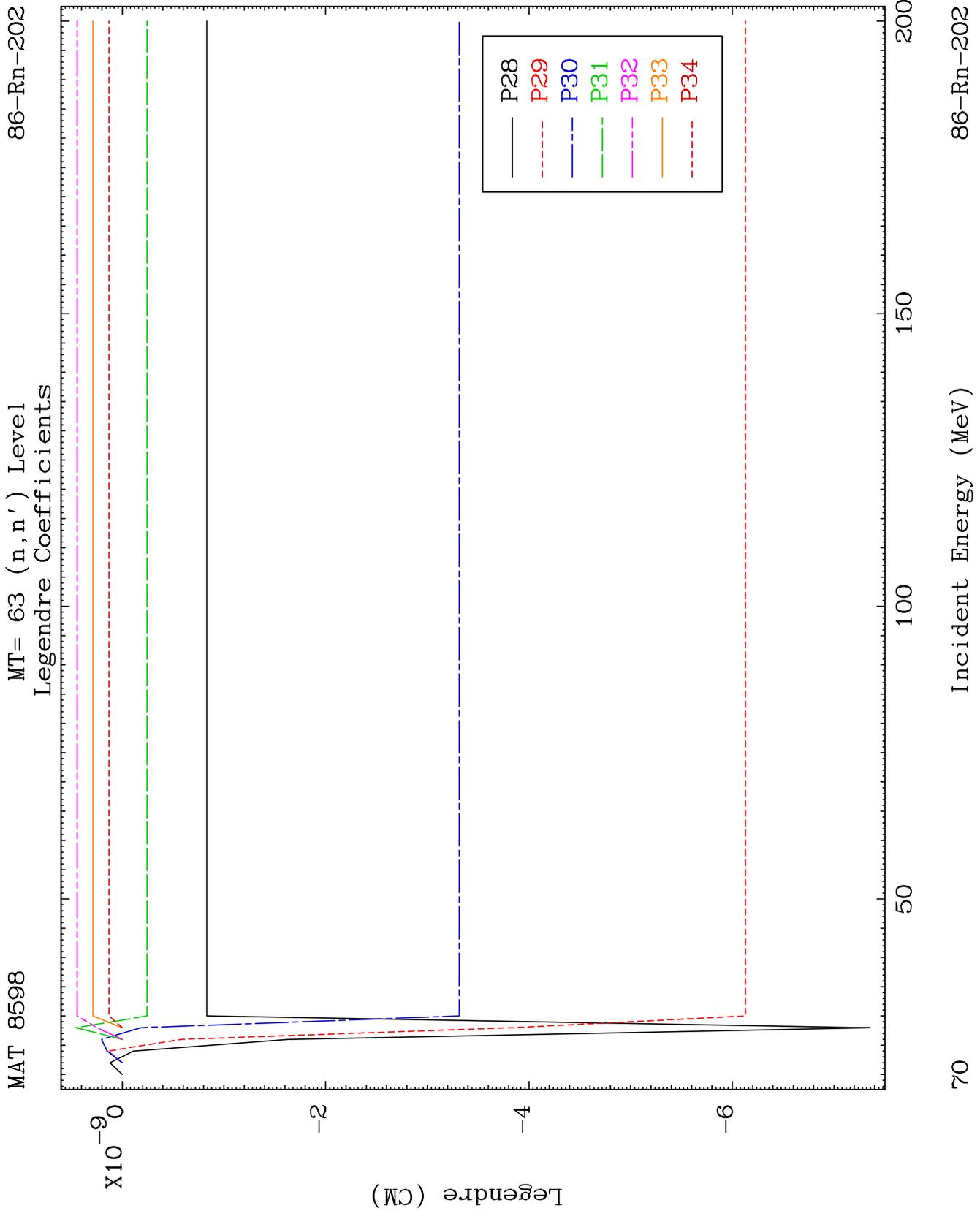


68

Incident Energy (MeV)

86-Rn-202

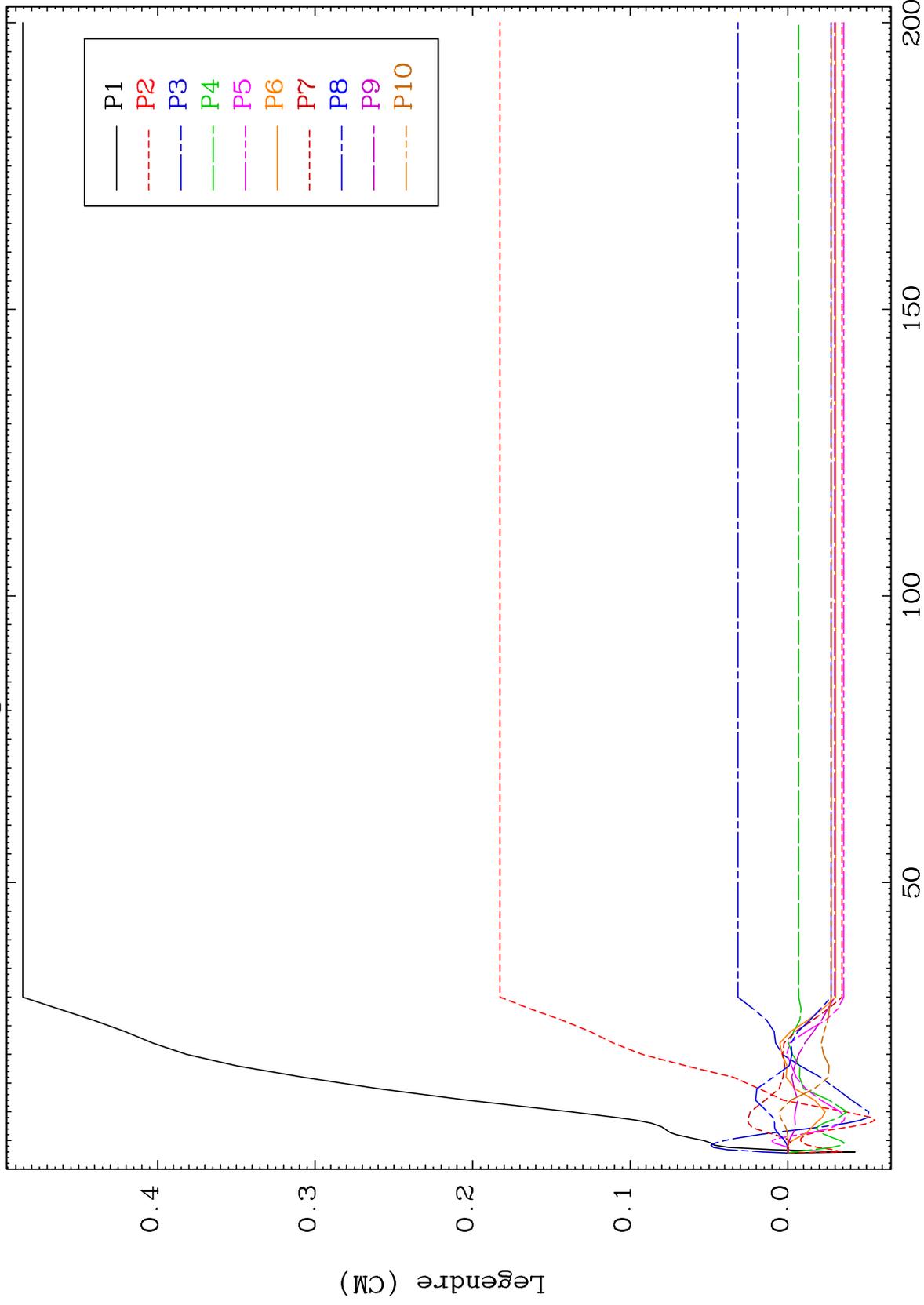




MAT 8598

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

86-Rn-202



71

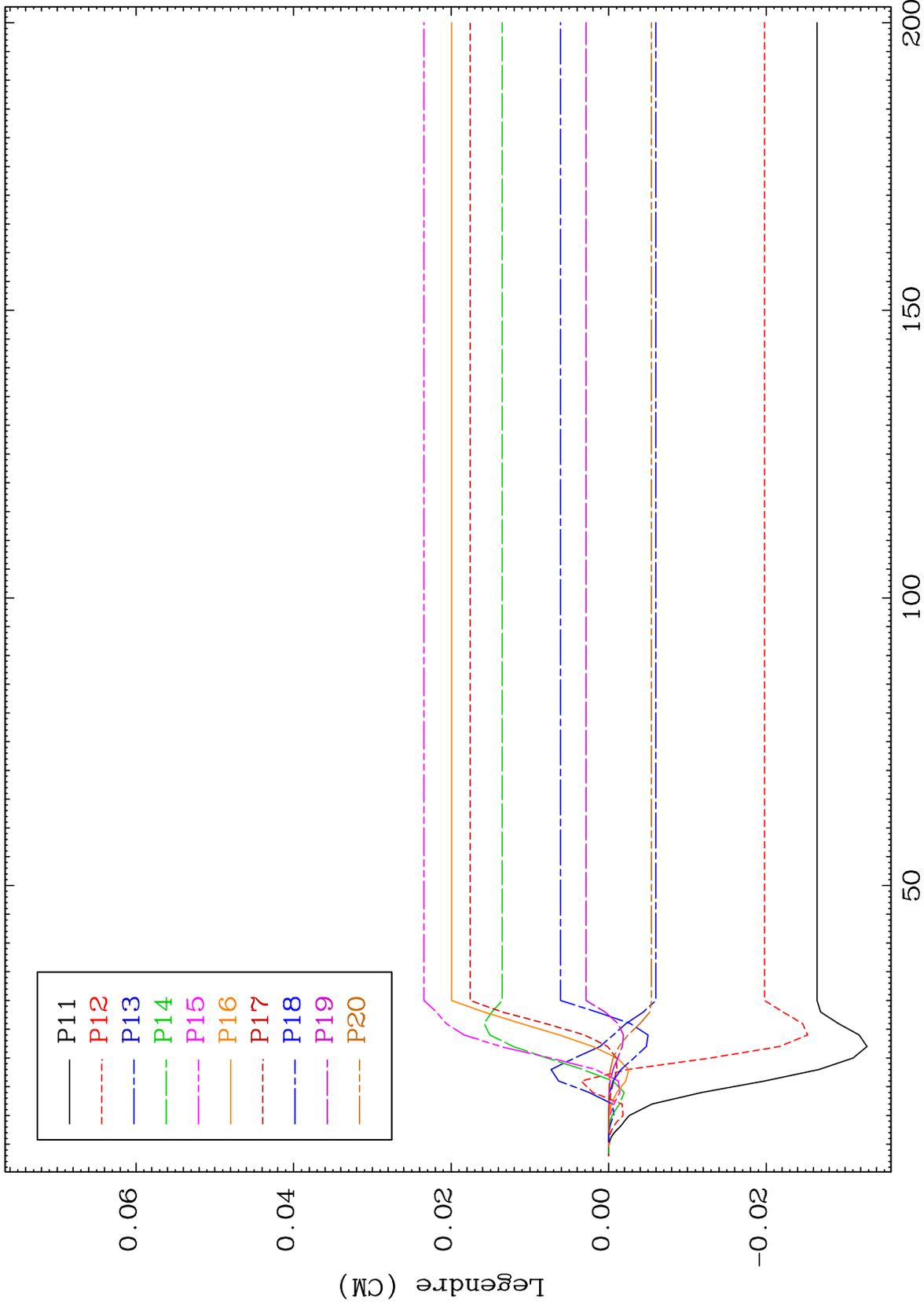
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

86-Rn-202



72

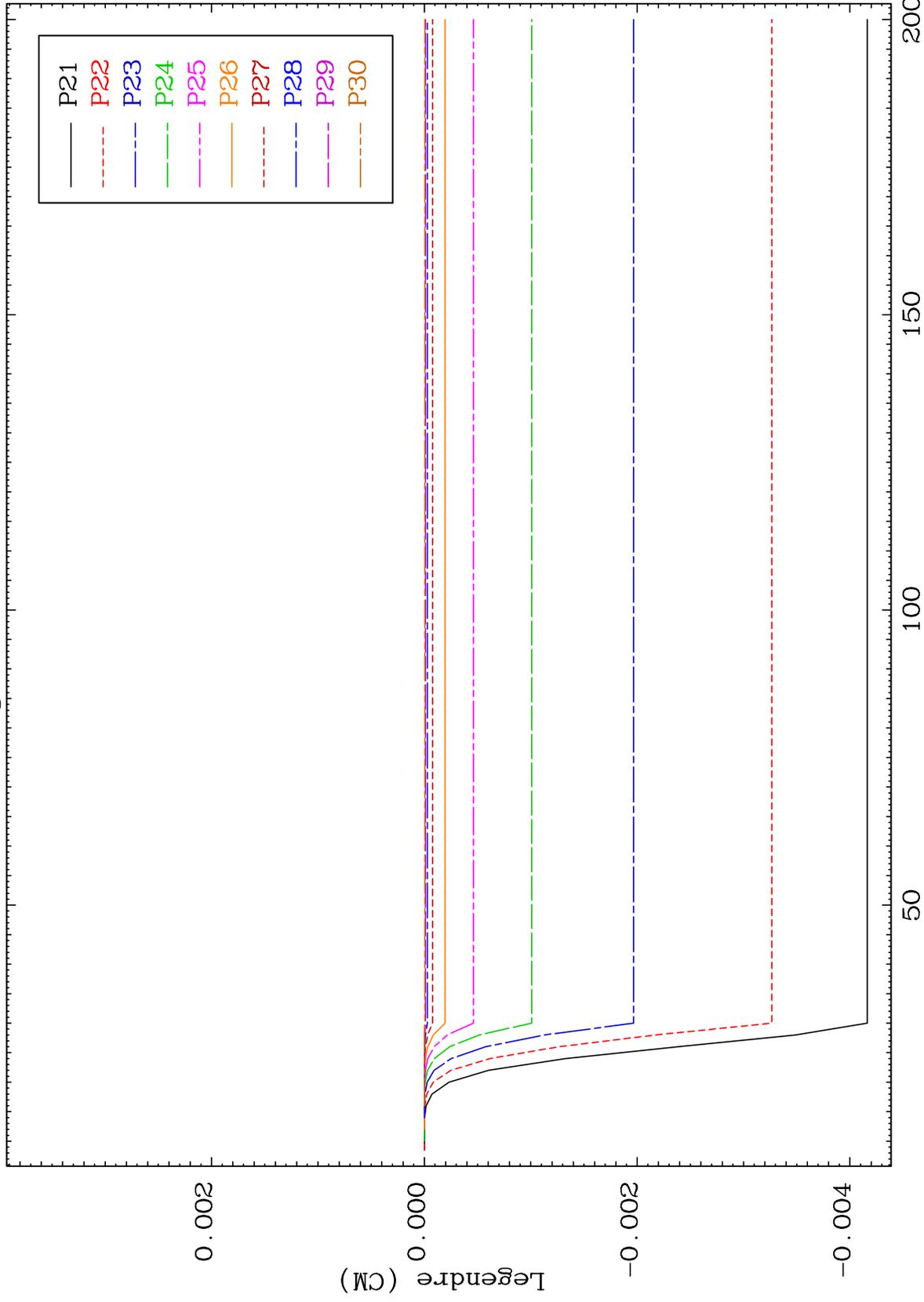
Incident Energy (MeV)

86-Rn-202

MAT 8598

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

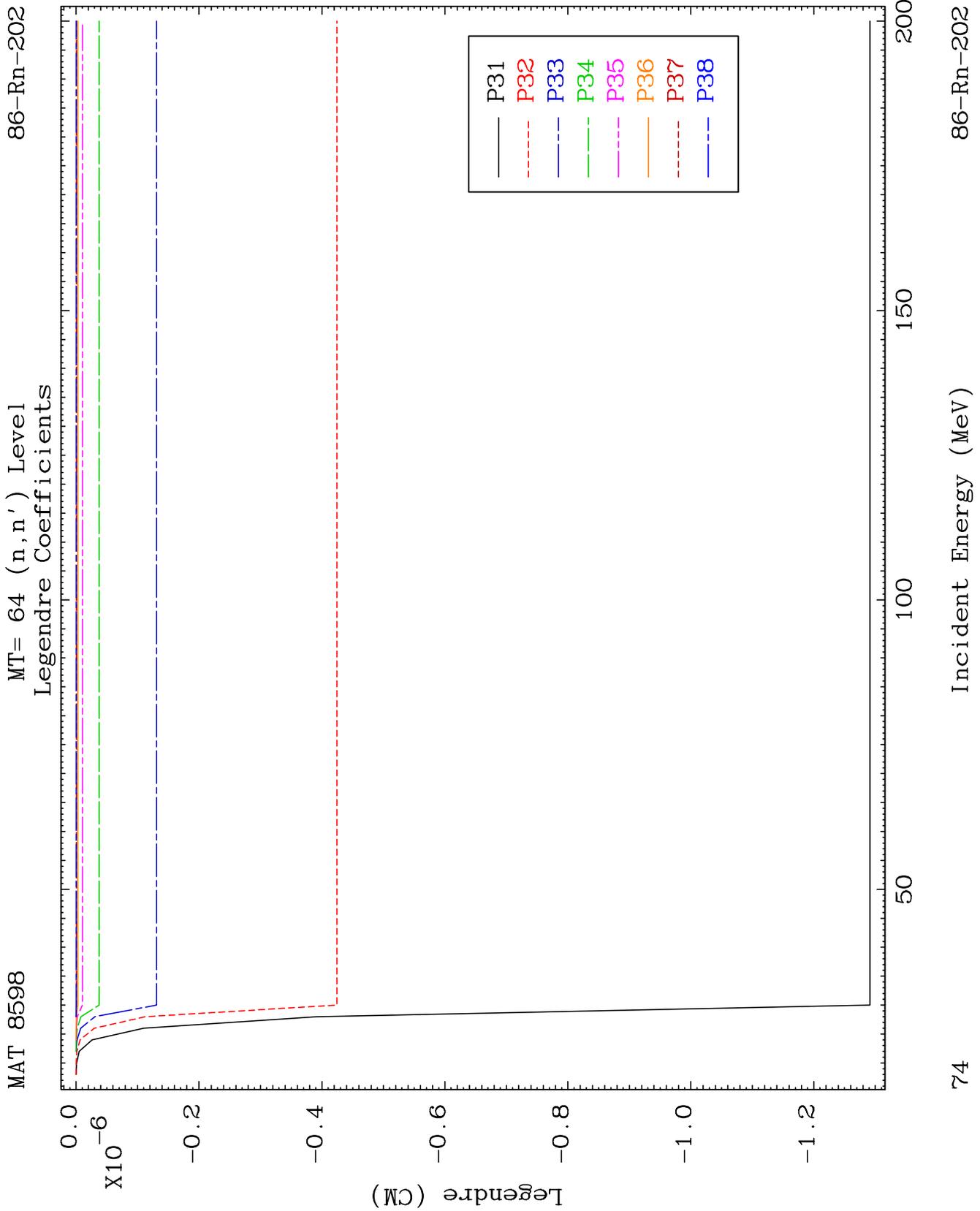
86-Rn-202



73

Incident Energy (MeV)

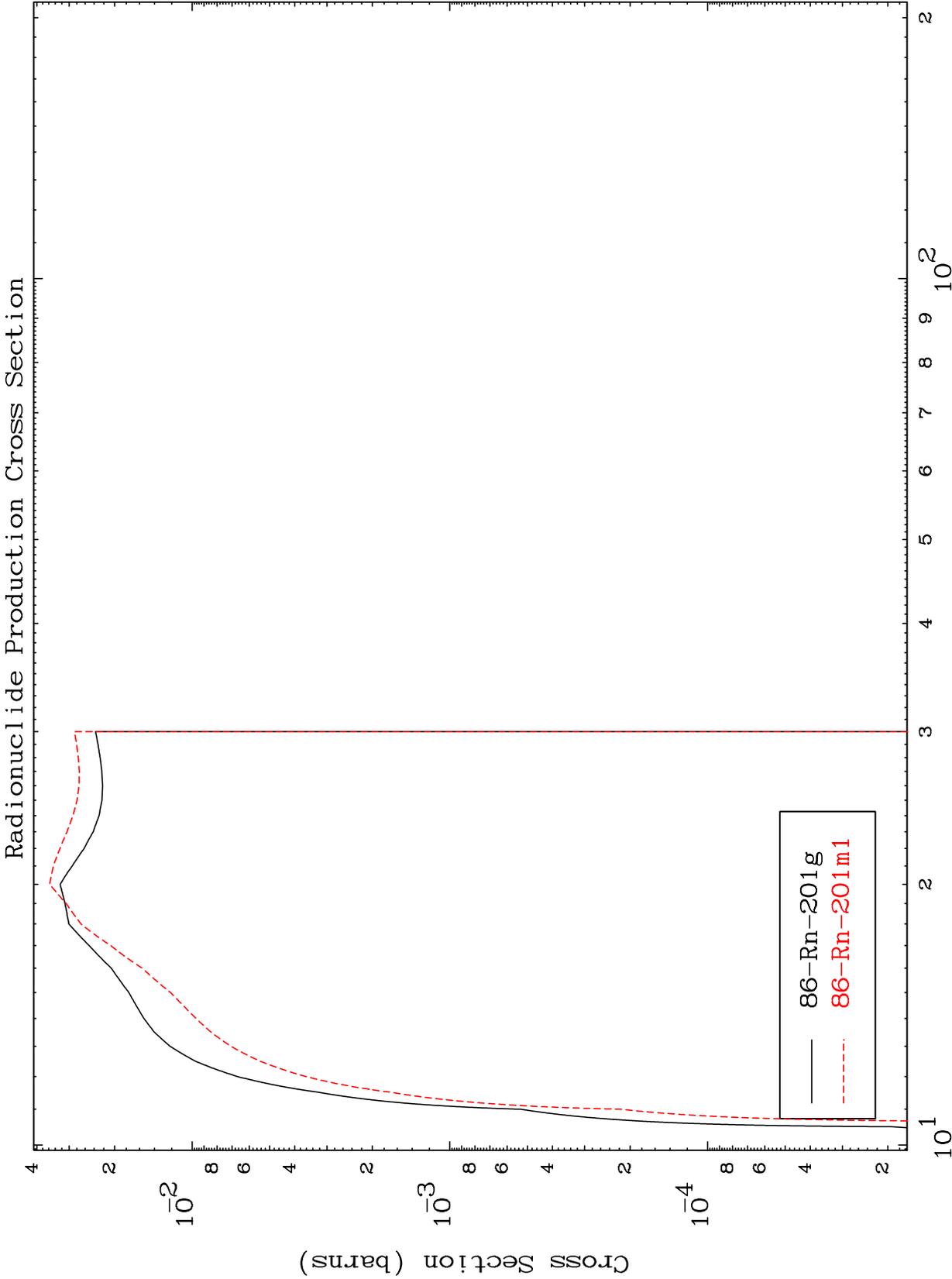
86-Rn-202



MAT 8598

(n,2n)

86-Rn-202



75

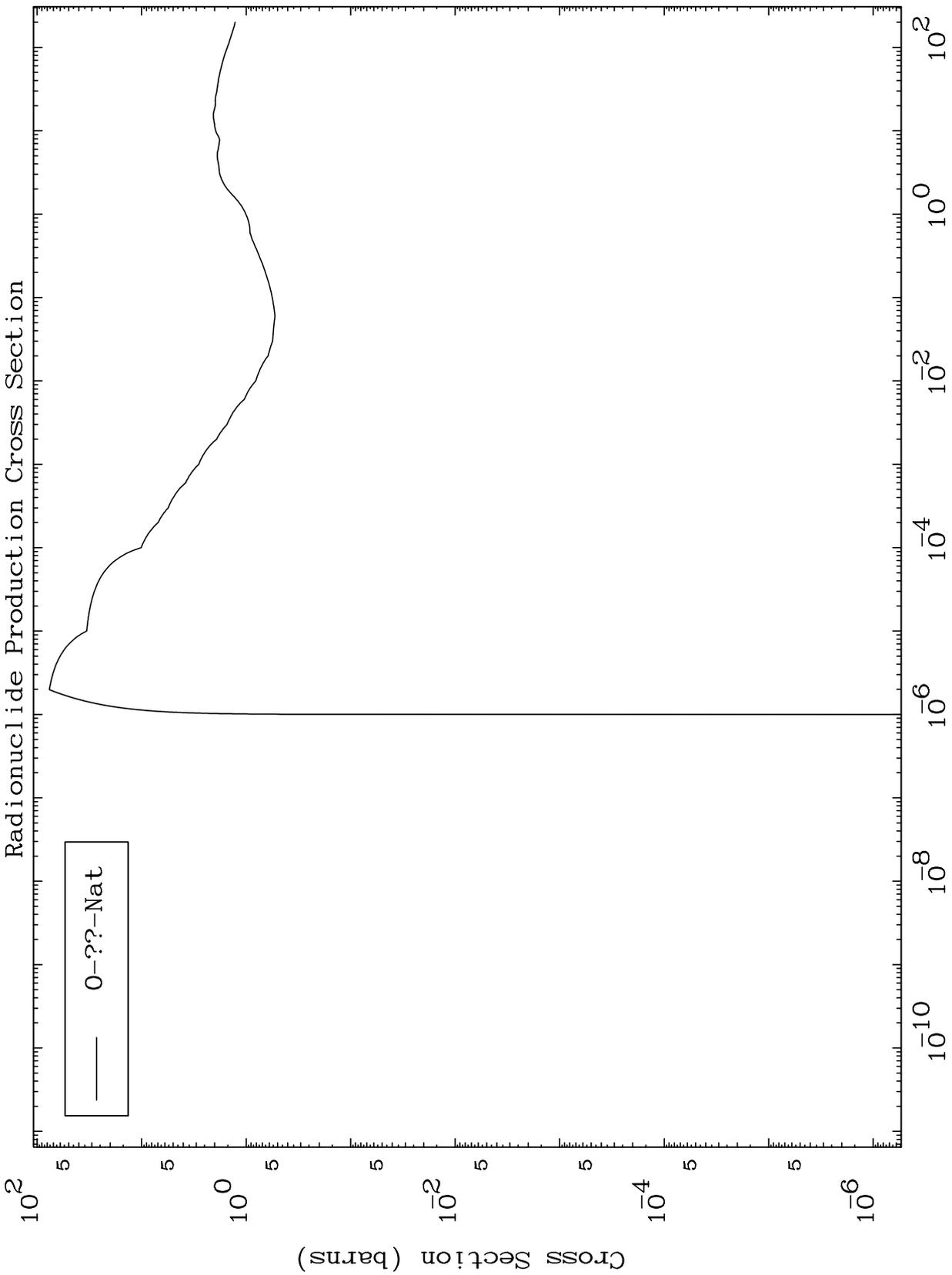
Incident Energy (MeV)

86-Rn-202

MAT 8598

86-Rn-202

Fission  
Radionuclide Production Cross Section



76

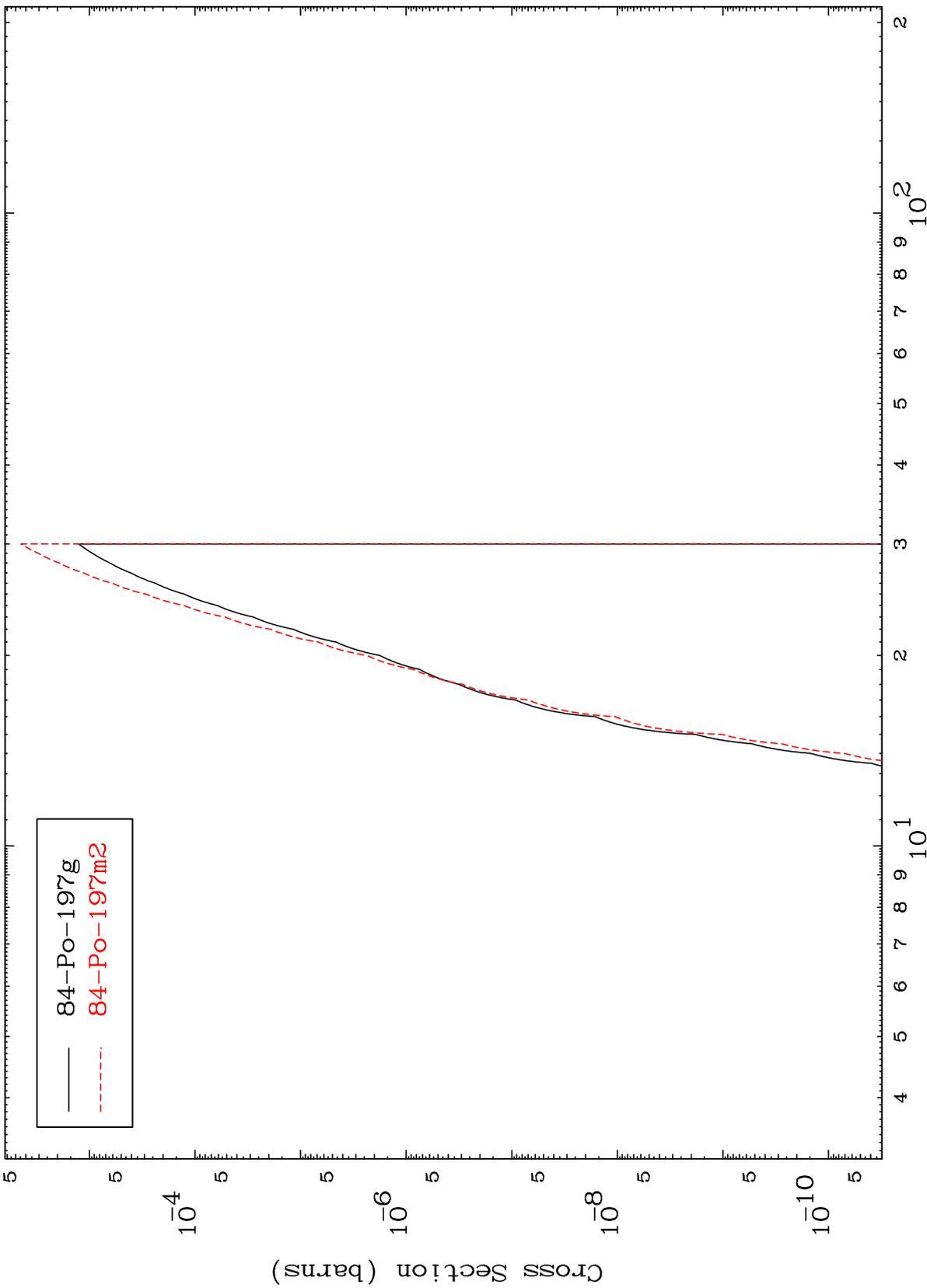
86-Rn-202

MAT 8598

$(n,2n) \alpha$

86-Rn-202

Radionuclide Production Cross Section



77

Incident Energy (MeV)

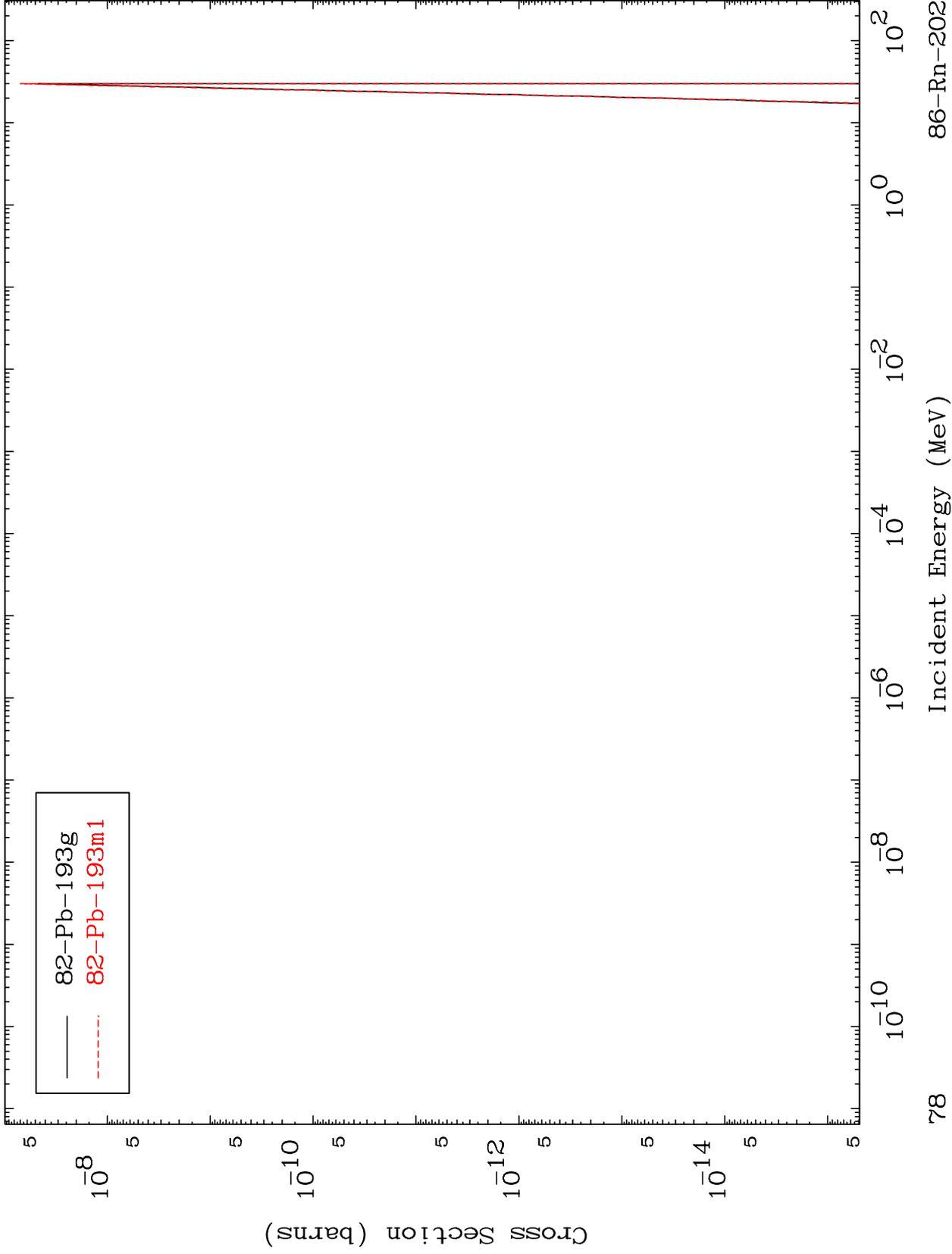
86-Rn-202

MAT 8598

(n,2n) 2α

86-Rn-202

Radionuclide Production Cross Section

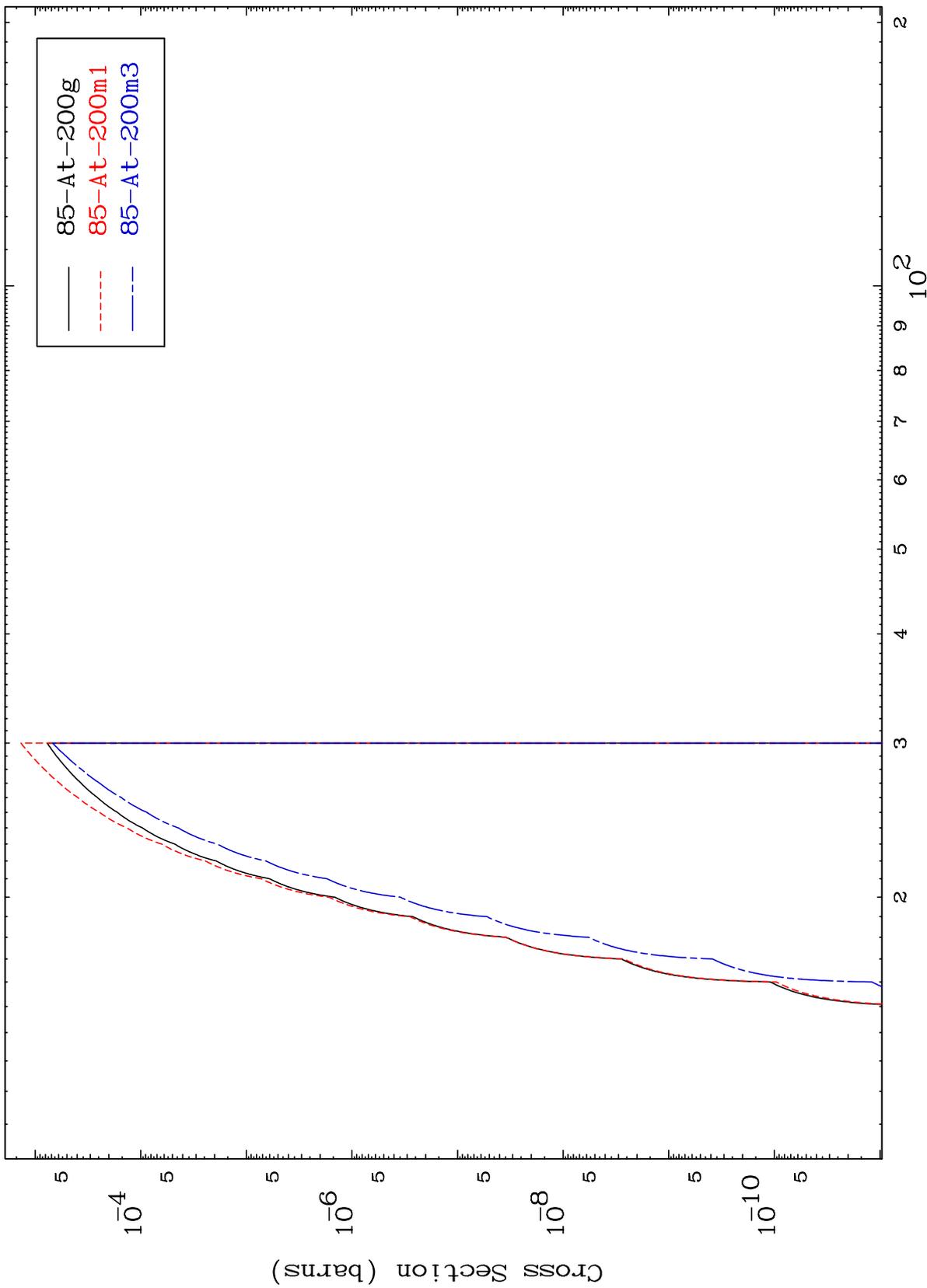


78

Incident Energy (MeV)

86-Rn-202

Radionuclide Production Cross Section

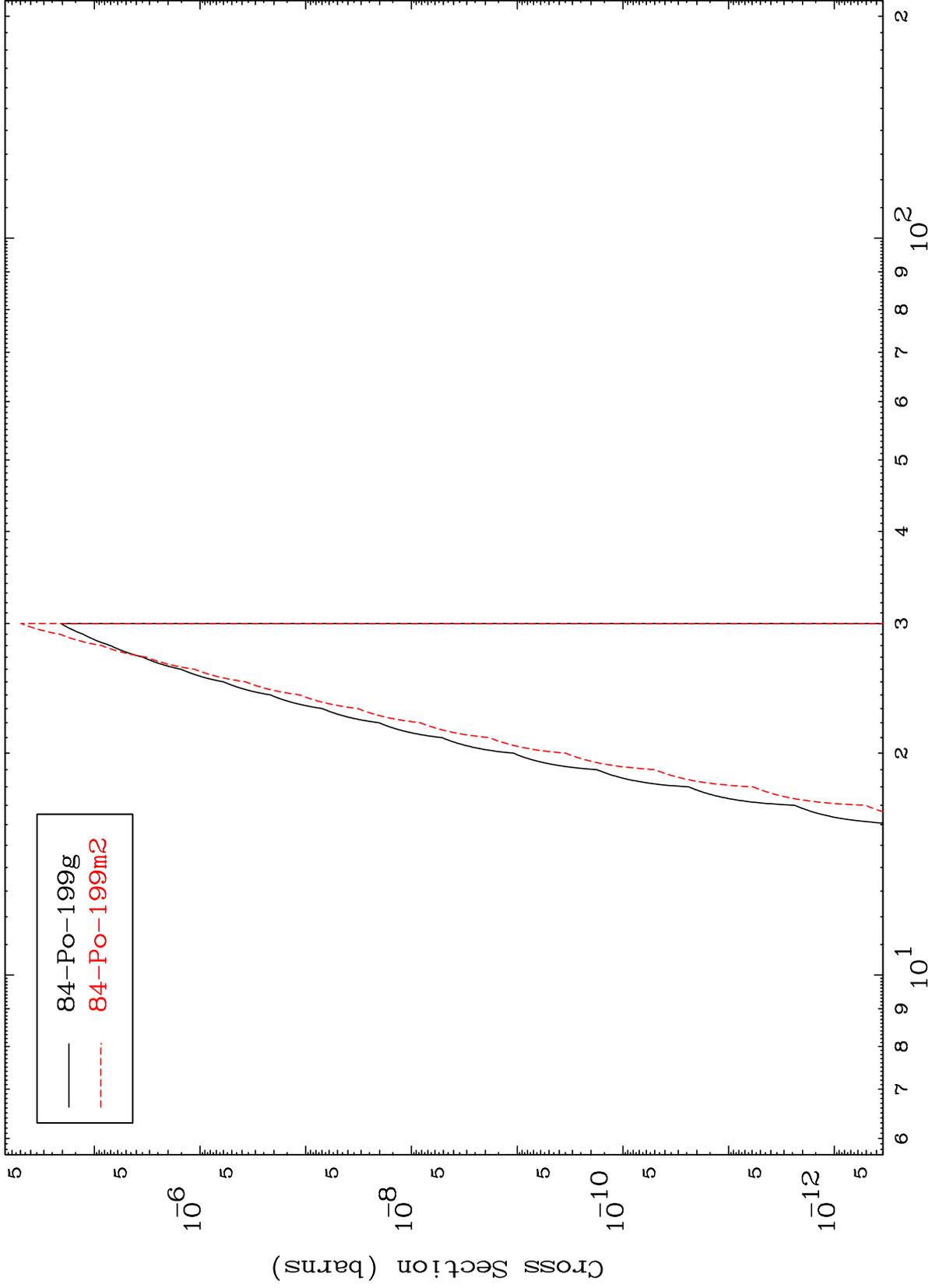


MAT 8598

(n,n') He-3

86-Rn-202

Radionuclide Production Cross Section

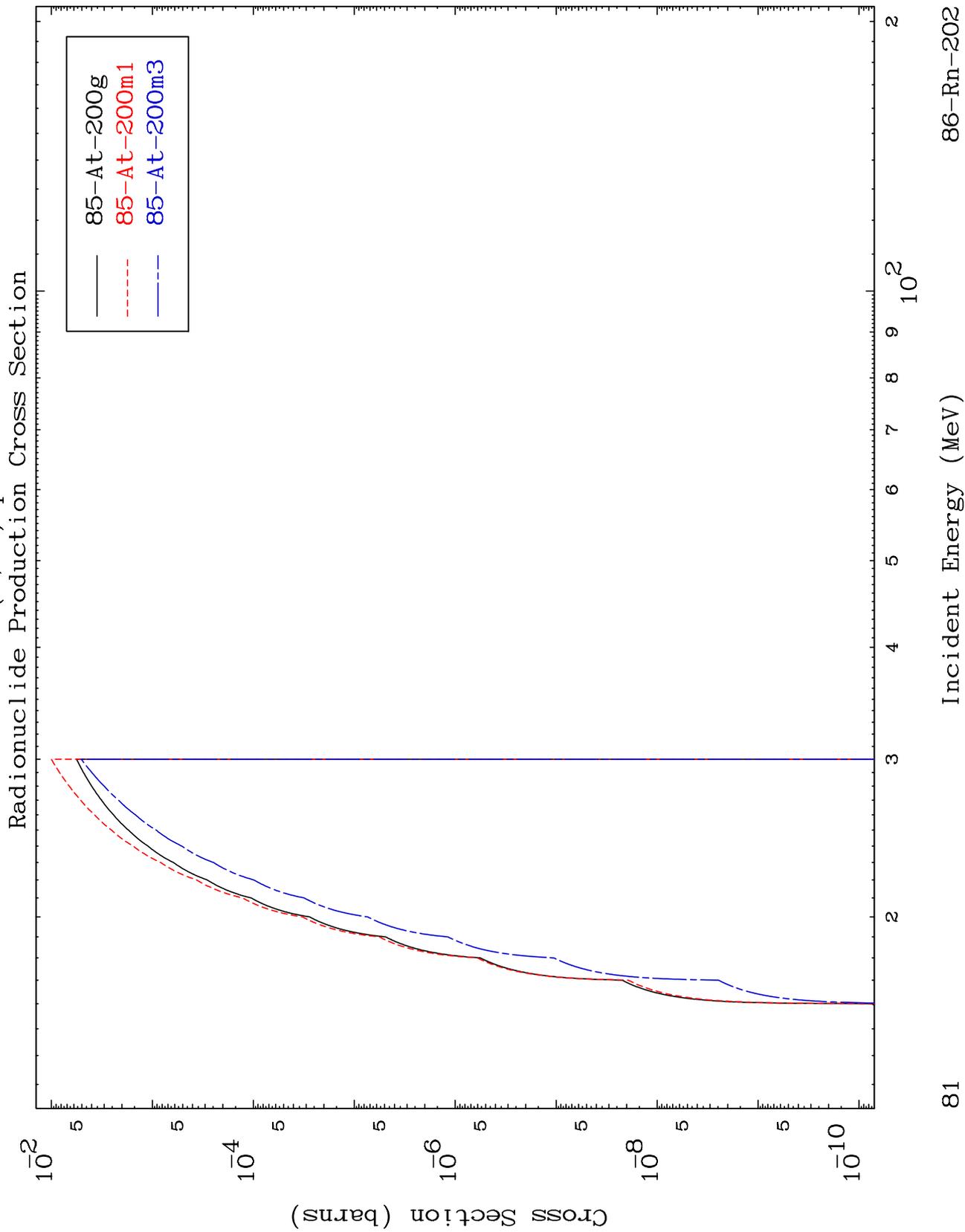


84-Po-199g  
84-Po-199m2

80

Incident Energy (MeV)

86-Rn-202

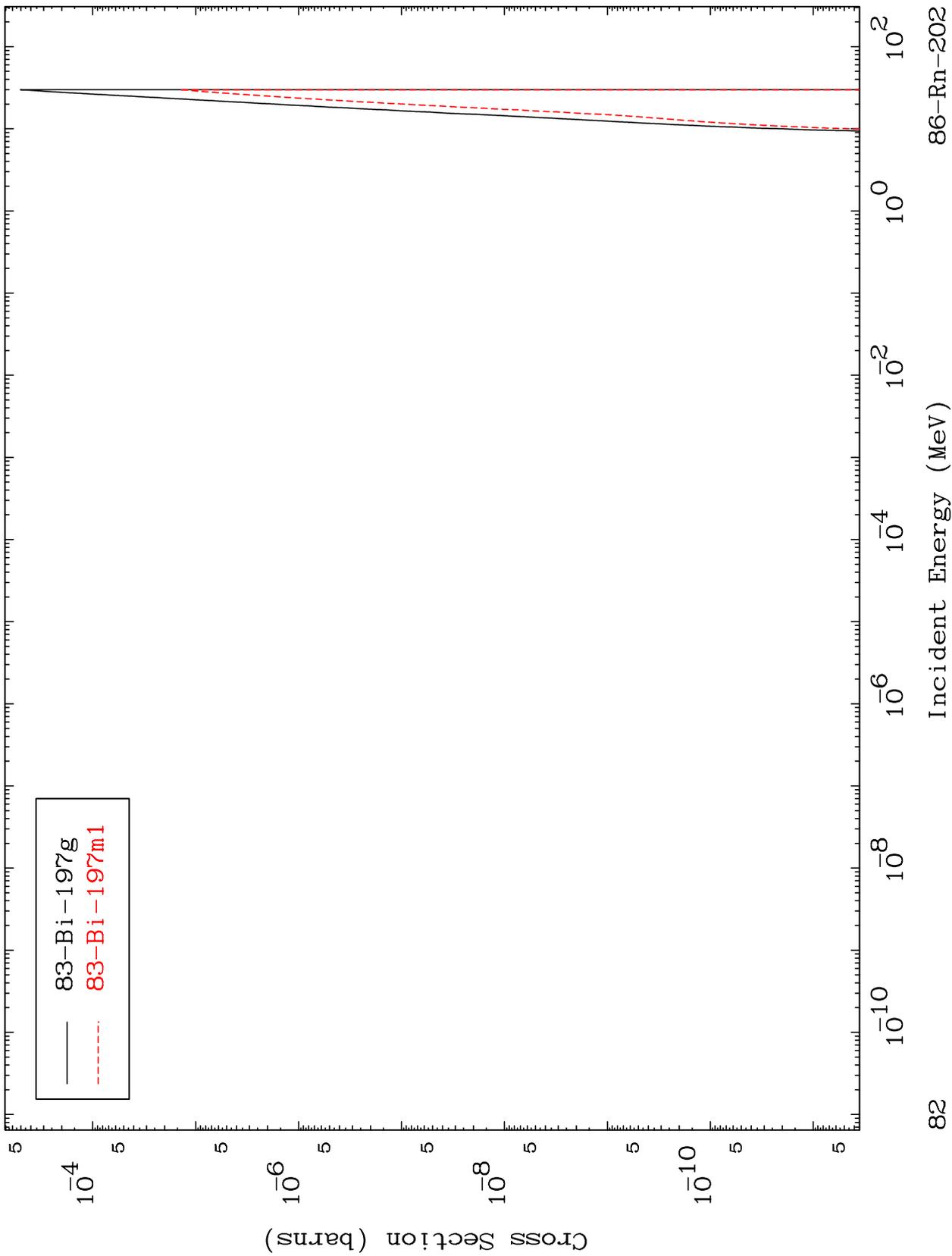


MAT 8598

(n,n') p  $\alpha$

86-Rn-202

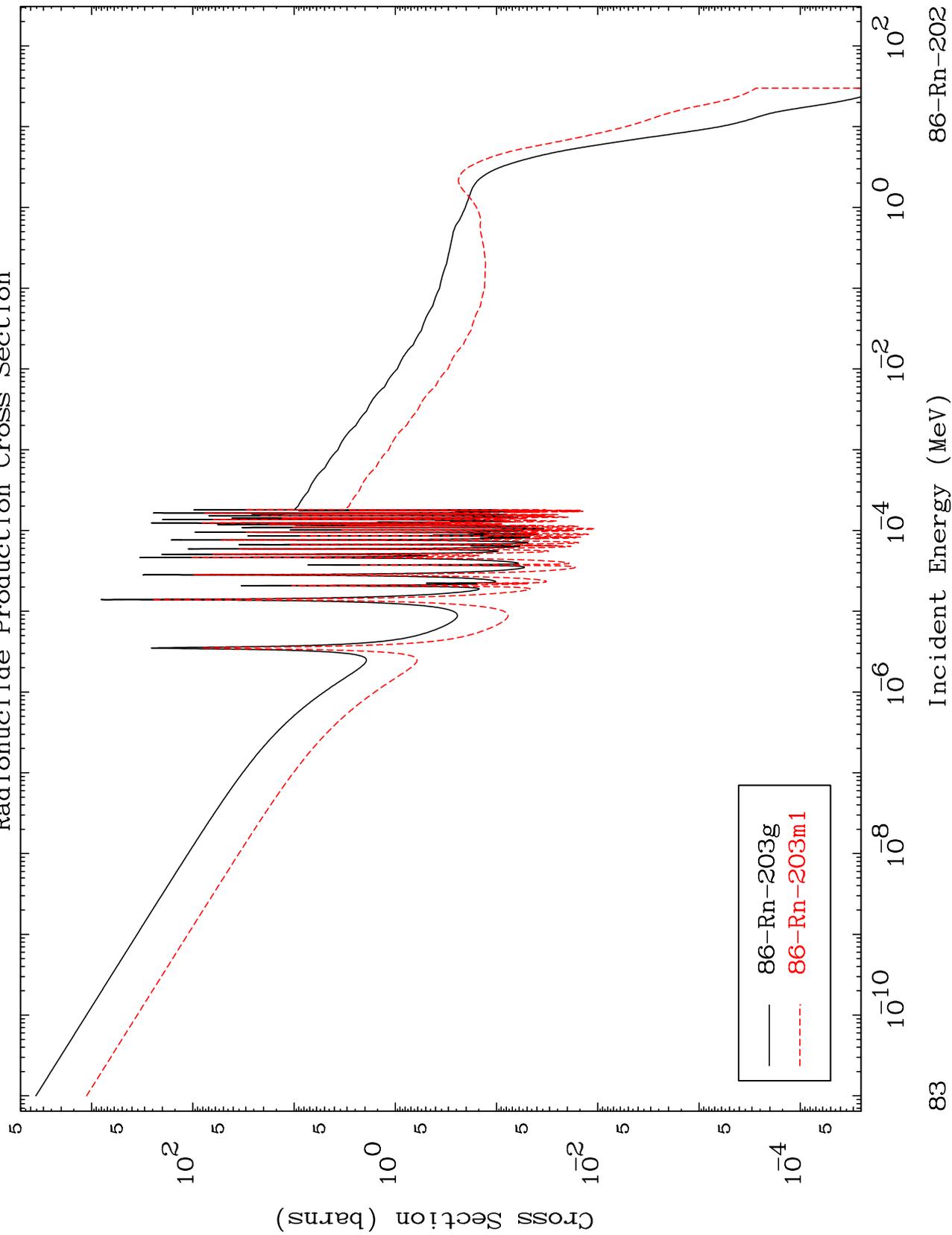
Radionuclide Production Cross Section



MAT 8598

86-Rn-202

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

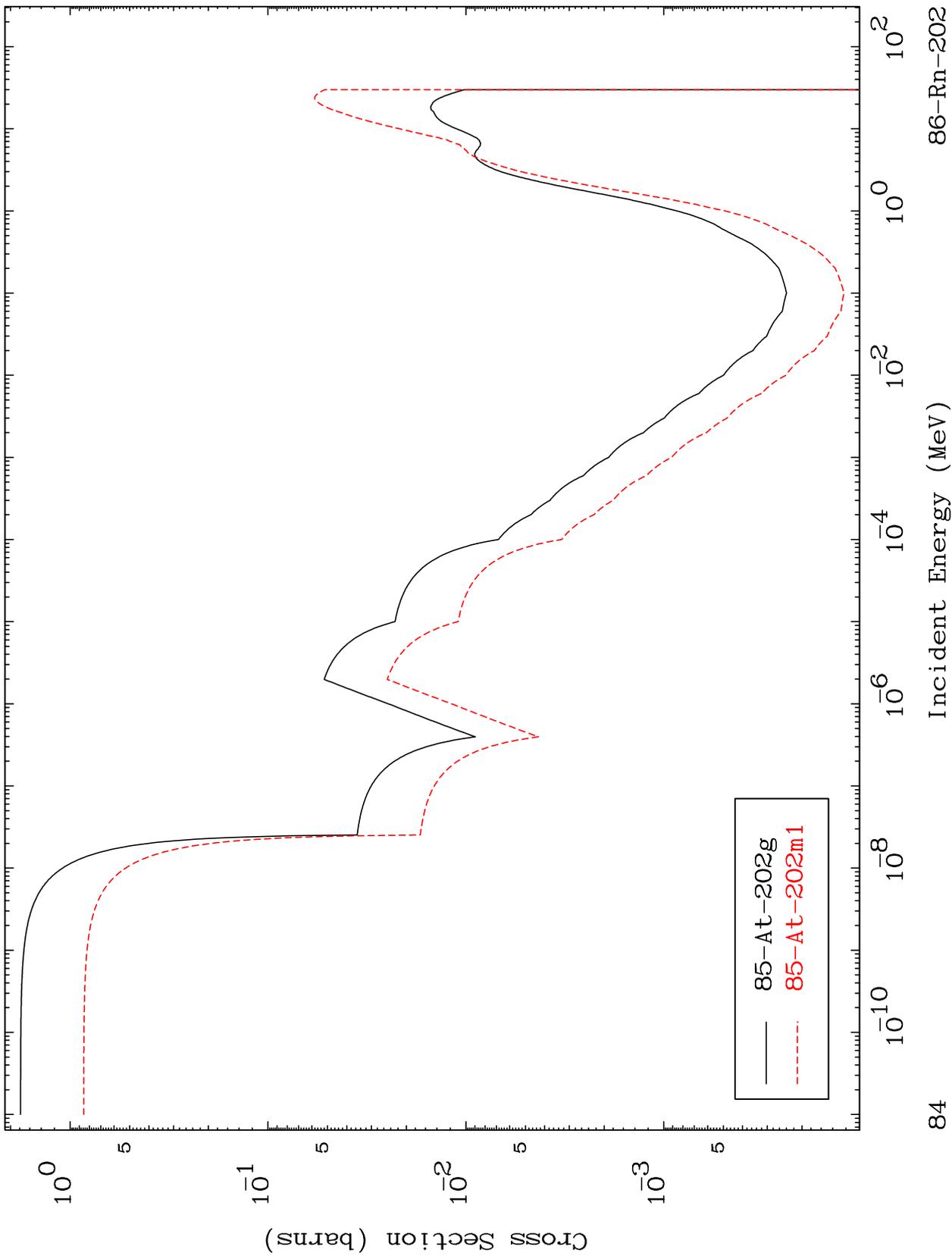


83

MAT 8598

86-Rn-202

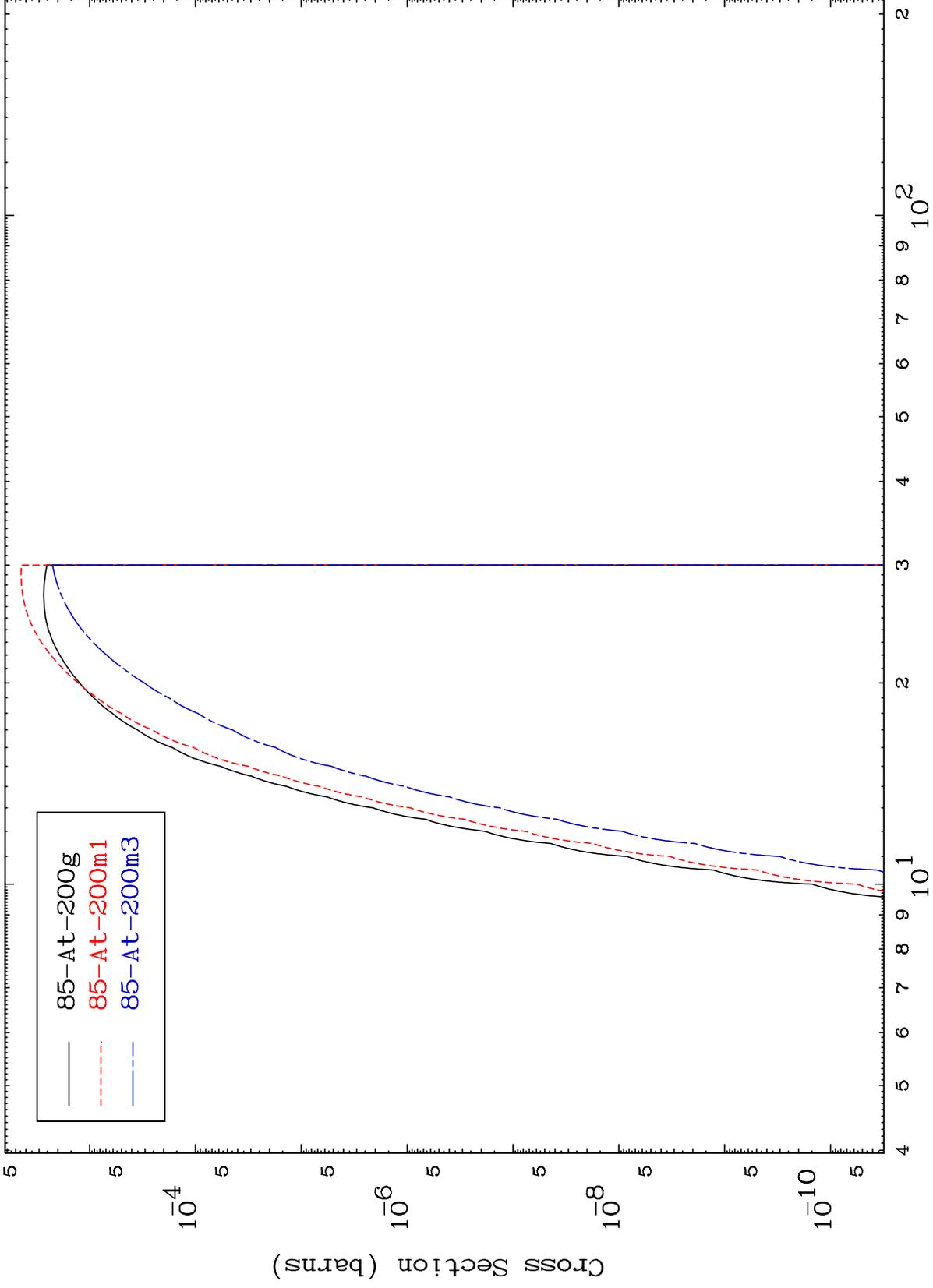
(n,p)  
Radionuclide Production Cross Section



MAT 8598

86-Rn-202

(n, t)  
Radionuclide Production Cross Section



85

Incident Energy (MeV)

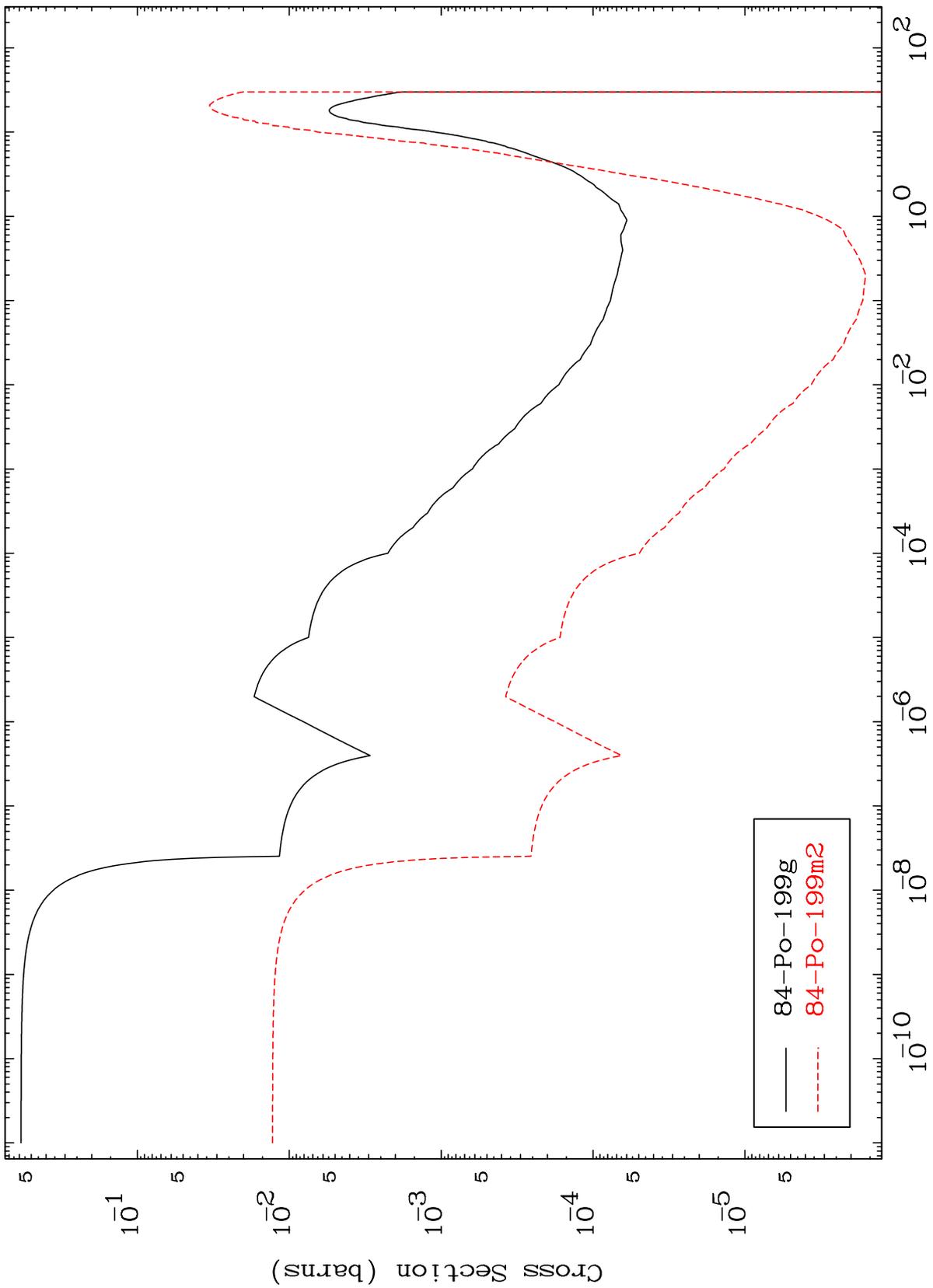
86-Rn-202

MAT 8598

86-Rn-202

Radionuclide Production Cross Section

(n,  $\alpha$ )



86

86-Rn-202

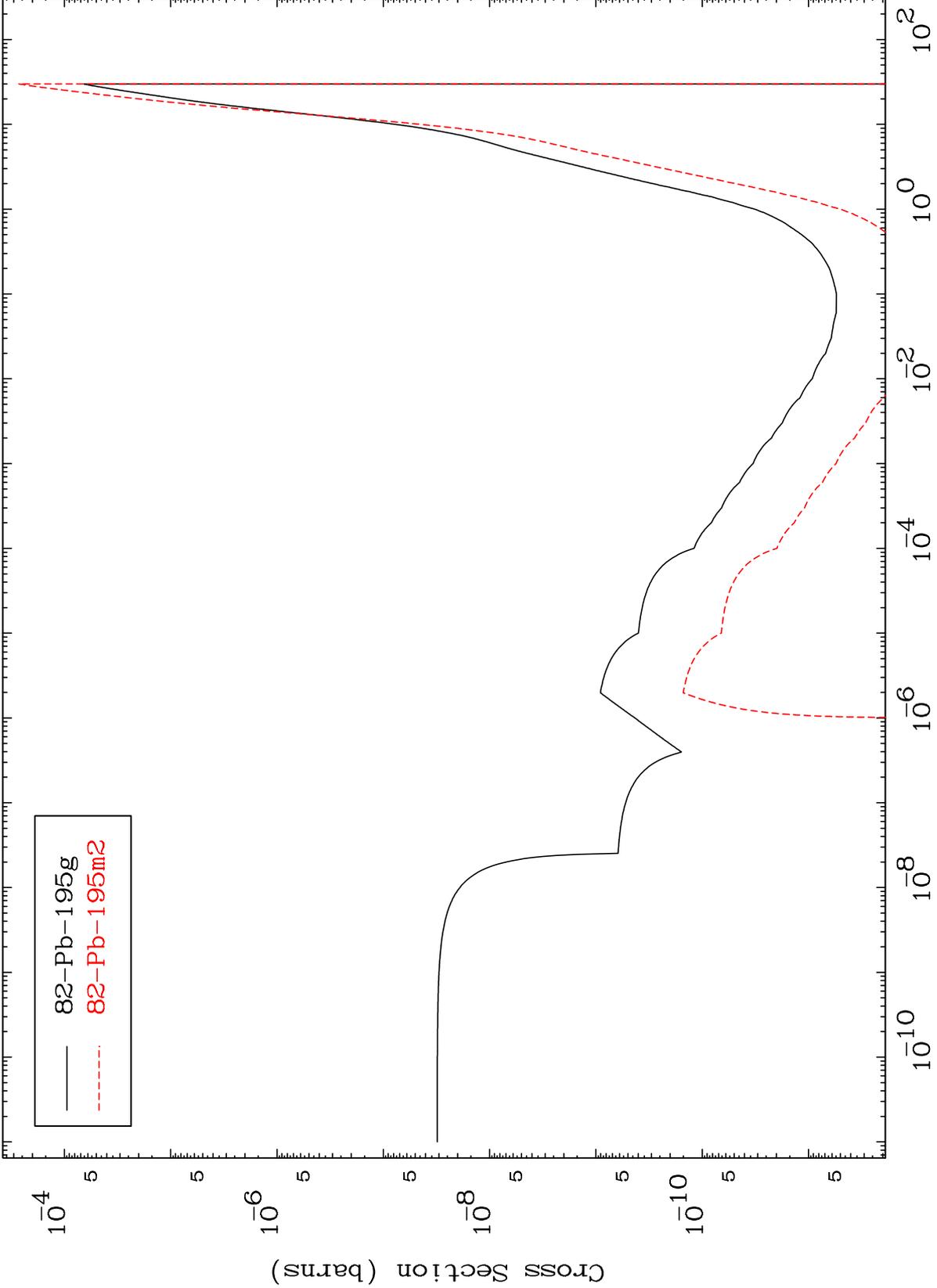
Incident Energy (MeV)

MAT 8598

(n,2α)

86-Rn-202

Radionuclide Production Cross Section

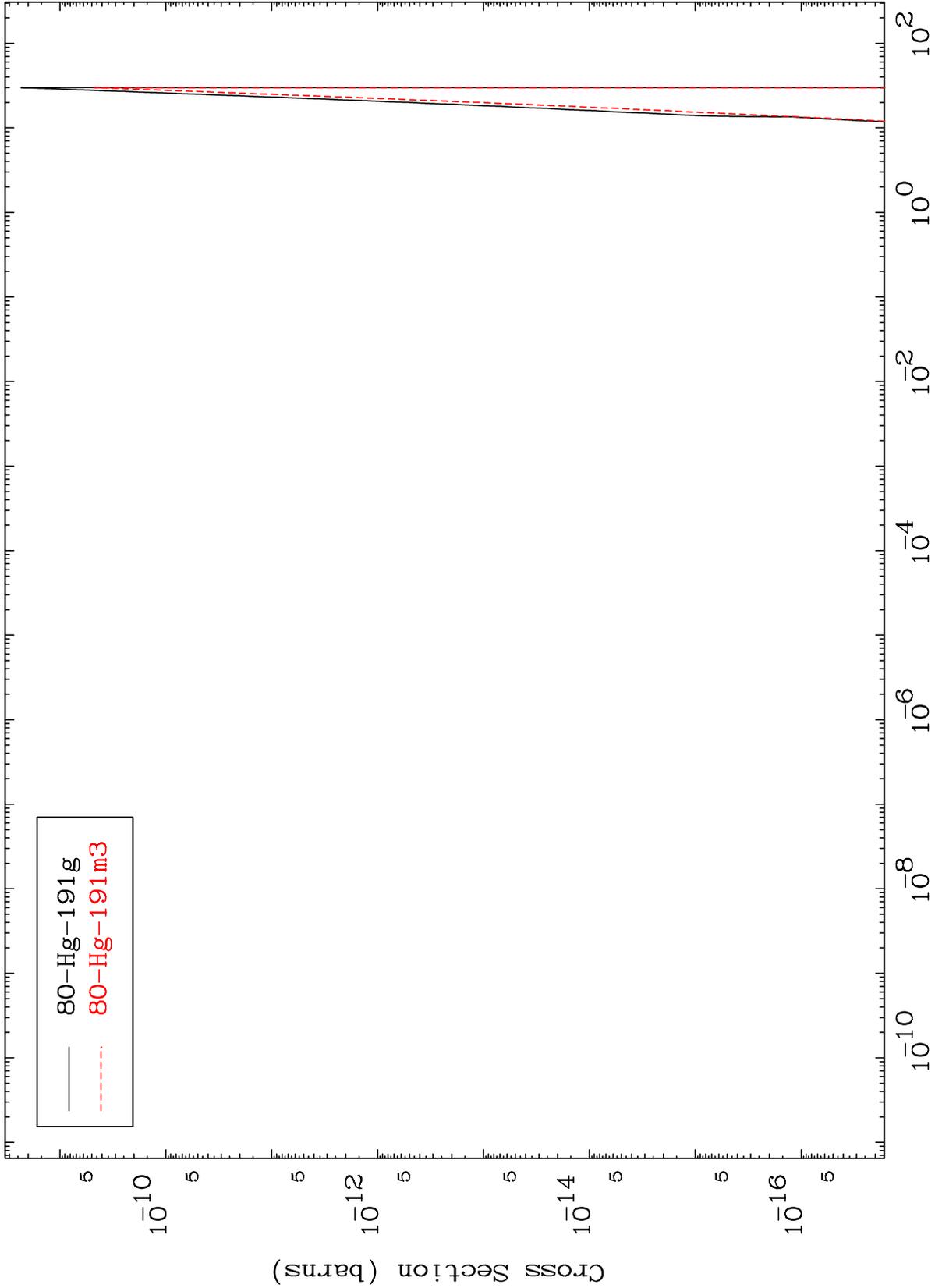
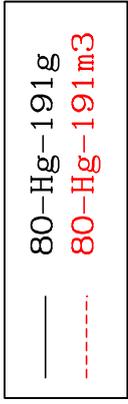


MAT 8598

(n, 3α)

86-Rn-202

Radionuclide Production Cross Section



88

Incident Energy (MeV)

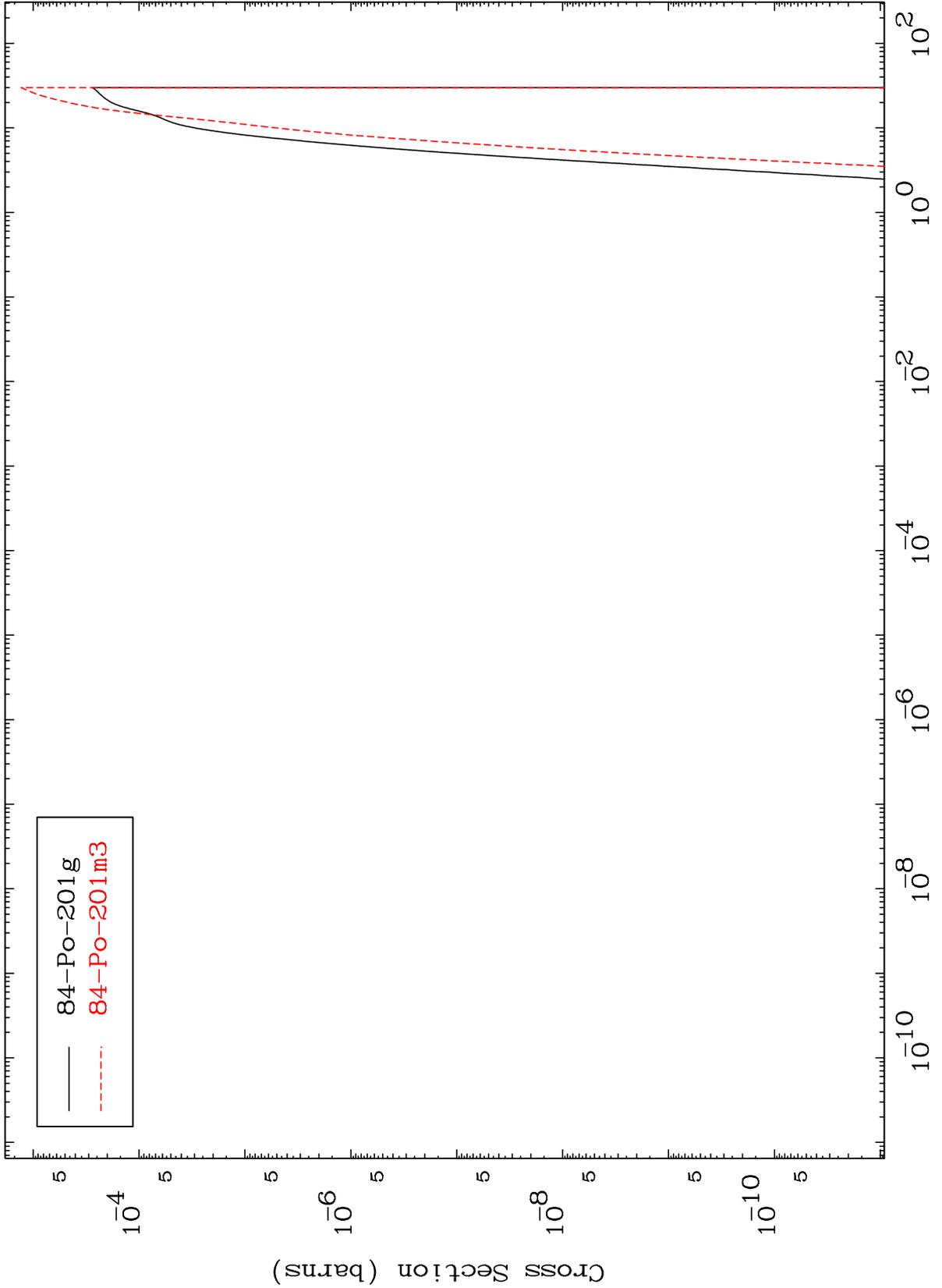
86-Rn-202

MAT 8598

(n,2p)

86-Rn-202

Radionuclide Production Cross Section



89

Incident Energy (MeV)

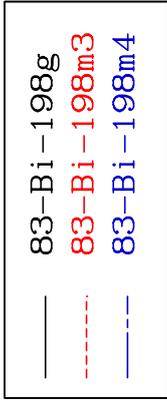
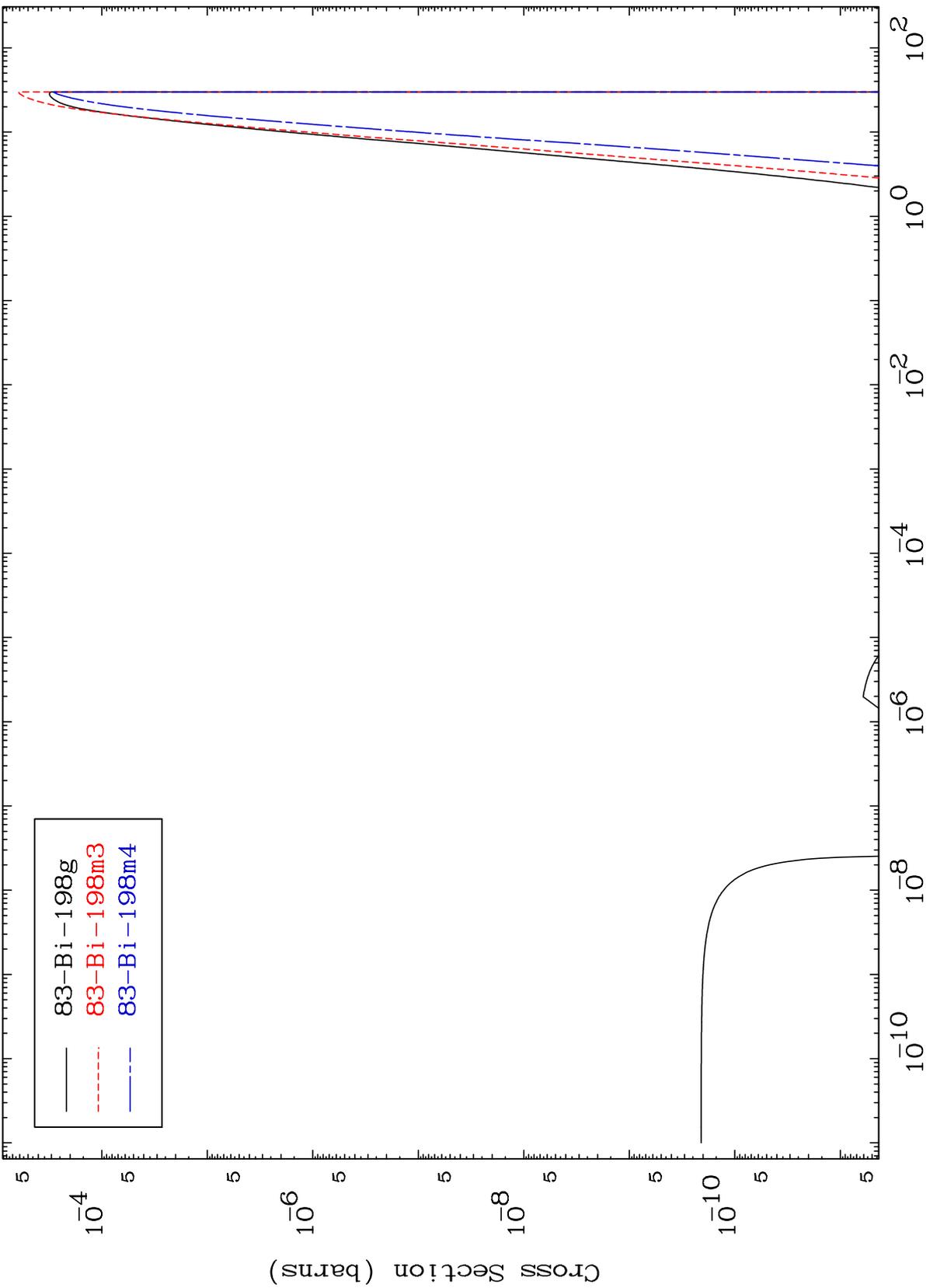
86-Rn-202

MAT 8598

(n,p)  $\alpha$

86-Rn-202

Radionuclide Production Cross Section



90

Incident Energy (MeV)

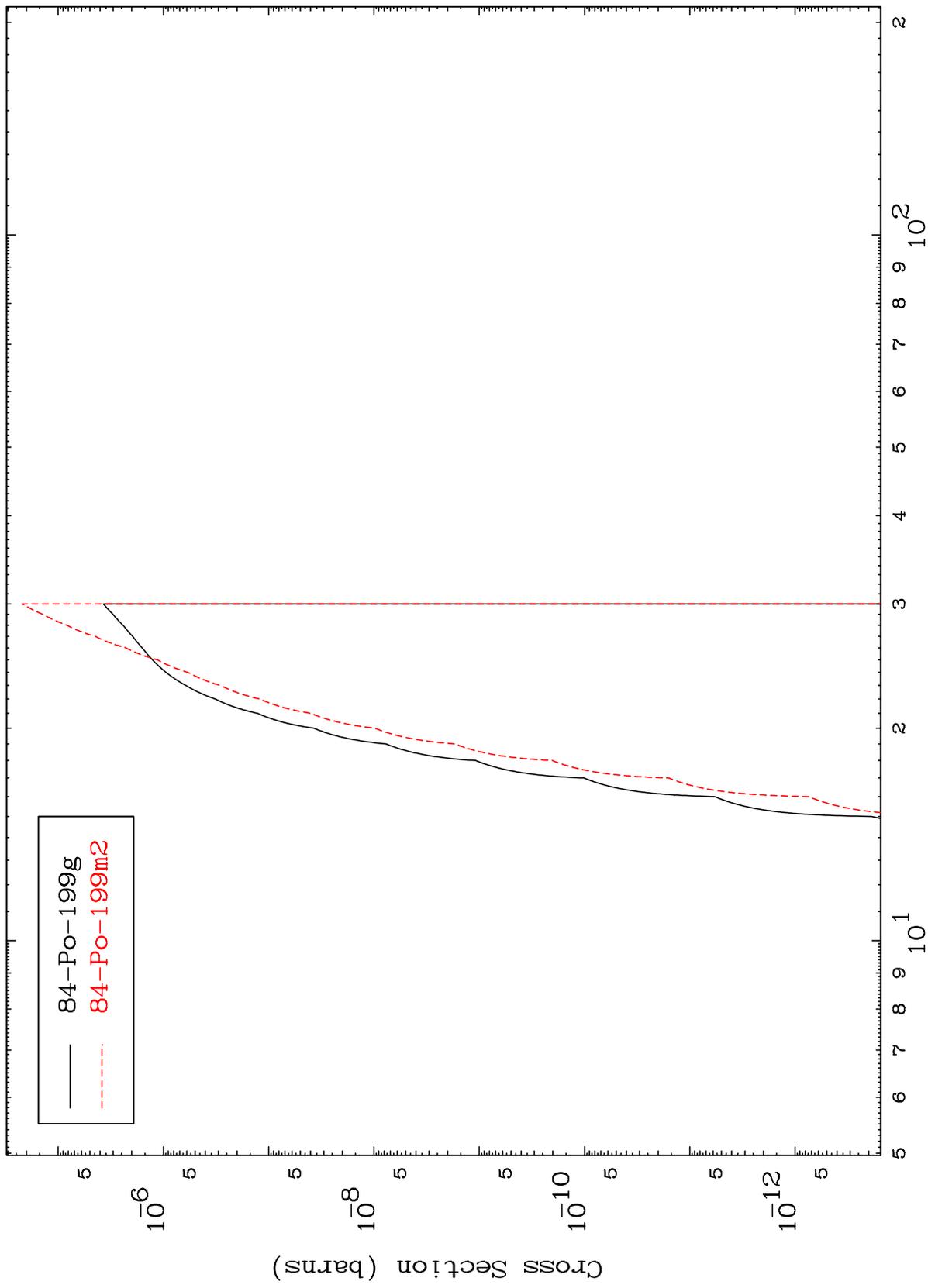
86-Rn-202

MAT 8598

(n,p) t

86-Rn-202

Radionuclide Production Cross Section



91

Incident Energy (MeV)

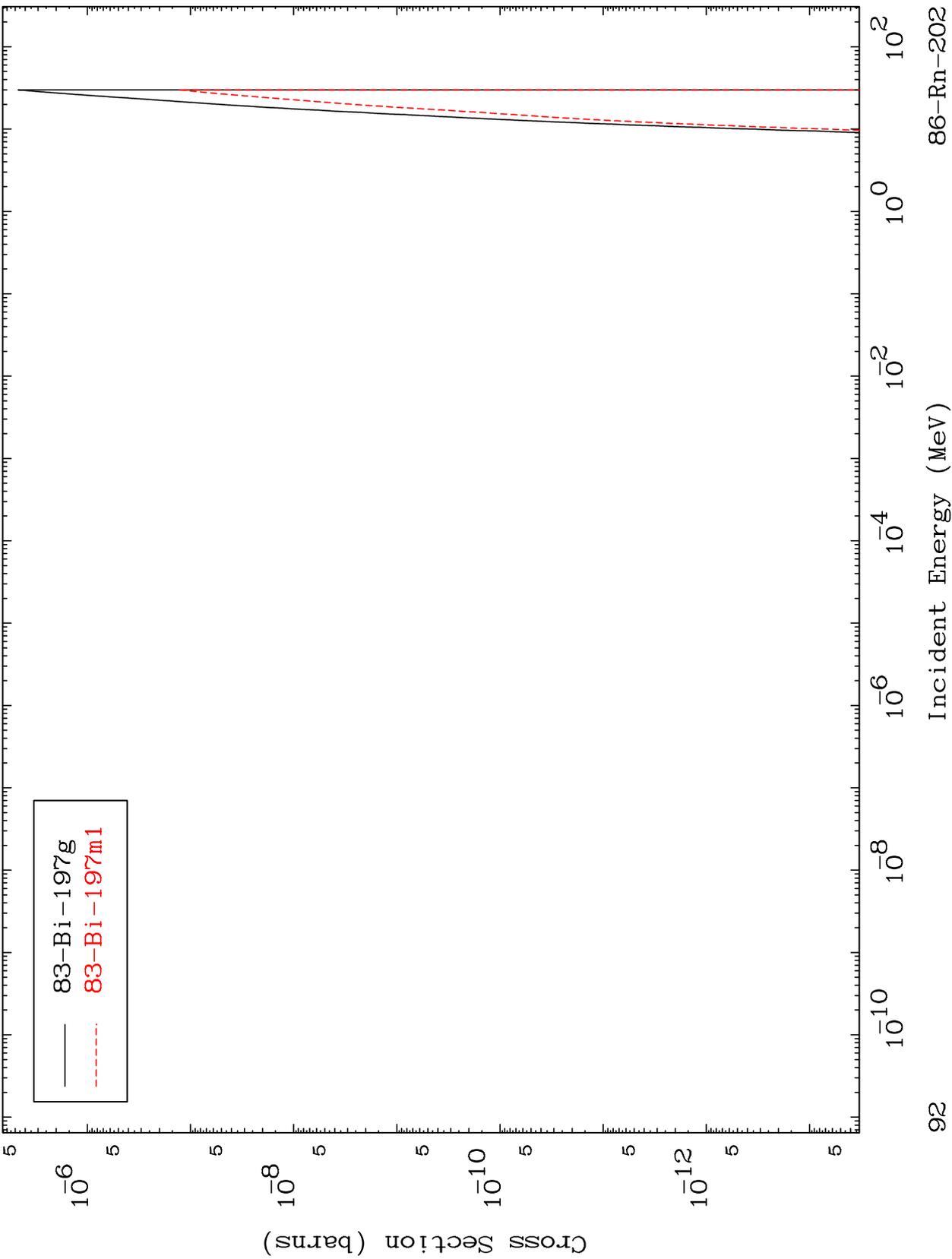
86-Rn-202

MAT 8598

(n,d)  $\alpha$

86-Rn-202

Radionuclide Production Cross Section



92

Incident Energy (MeV)

86-Rn-202