

Program EVALPLOT
(Version 2021-1)

by

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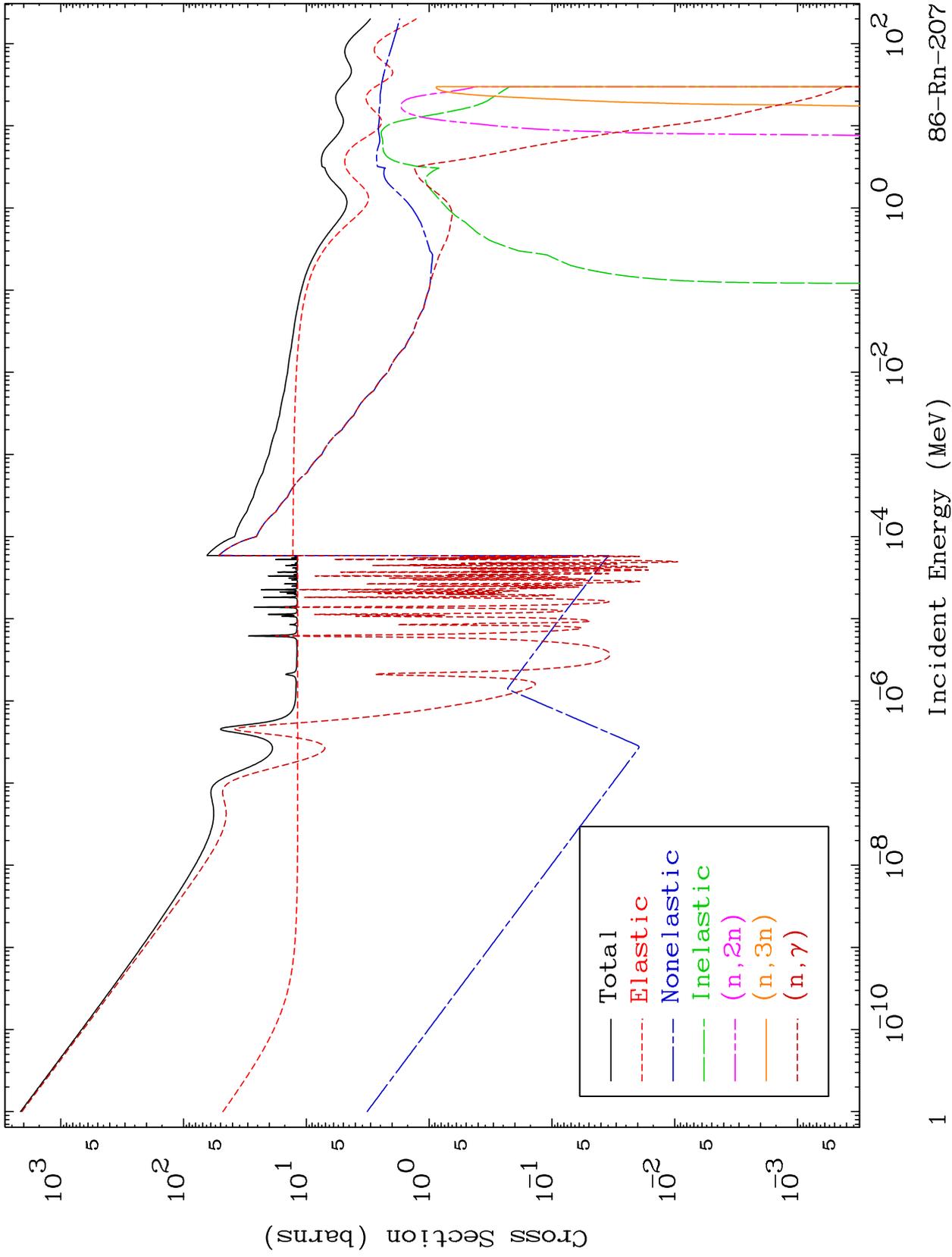
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Press Mouse Button to Start

MAT 8613

Neutron Major
293 Kelvin Cross Sections

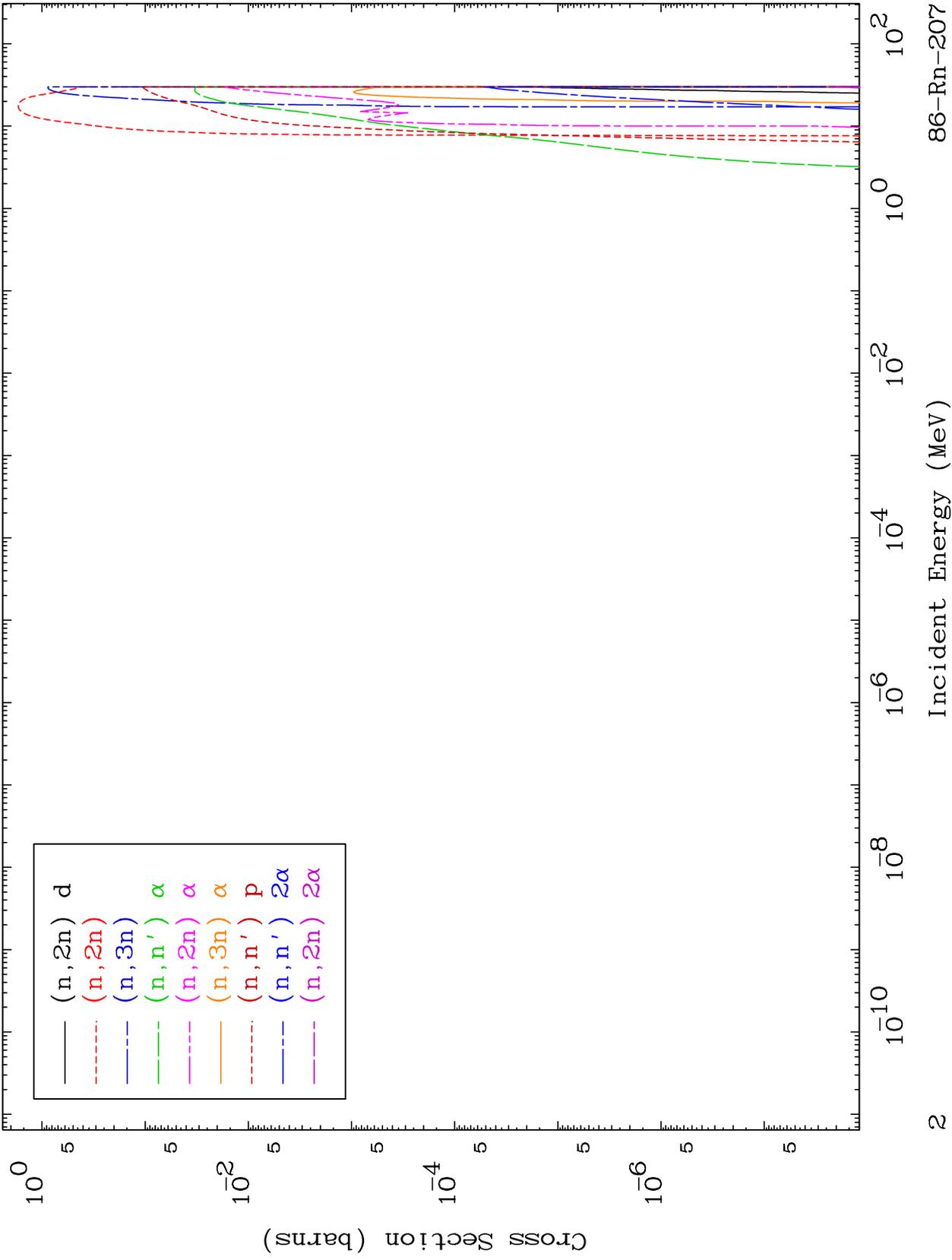
86-Rn-207



MAT 8613

Neutron Absorption
293 Kelvin Cross Sections

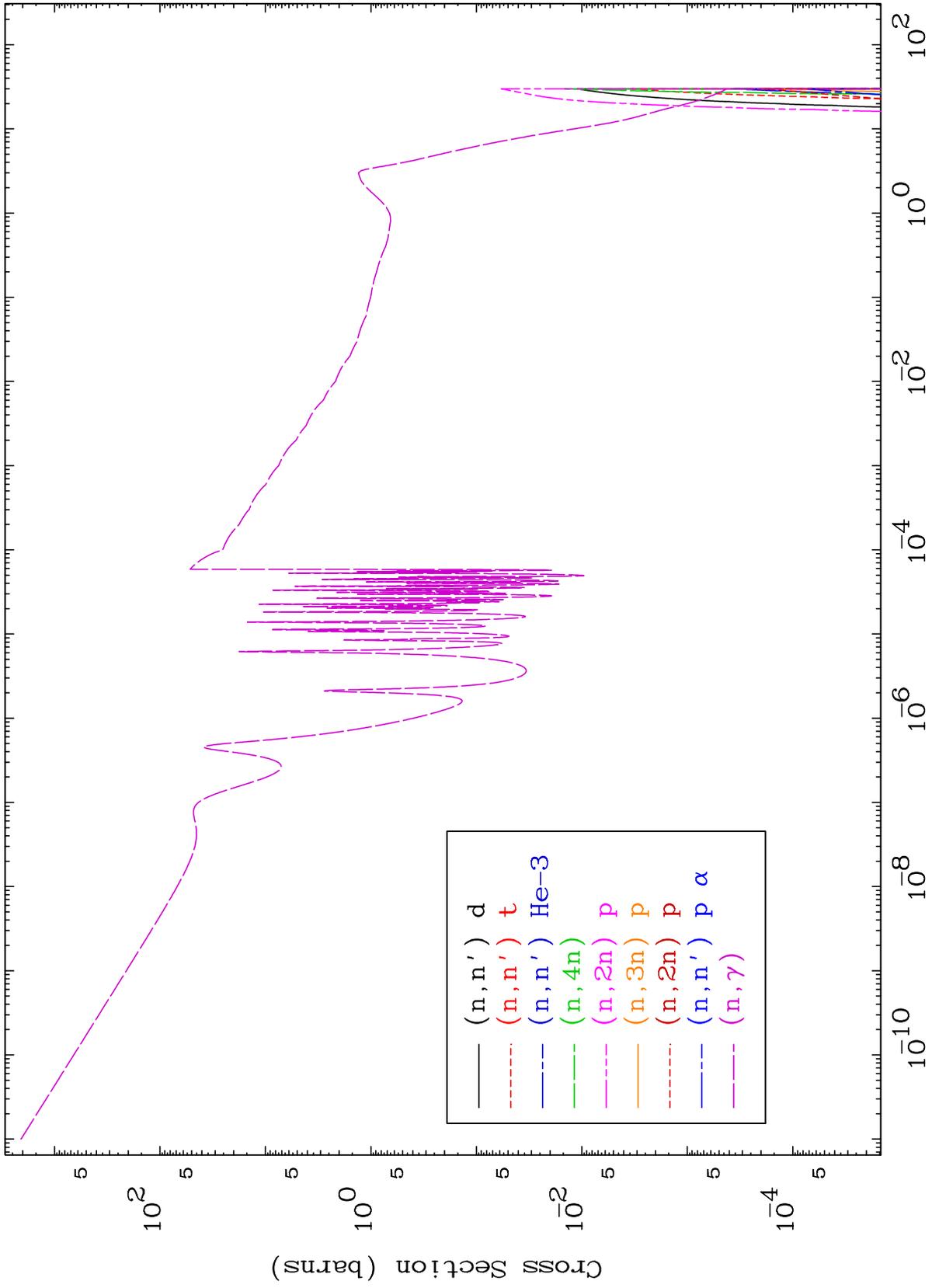
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MAT 8613

Neutron Absorption
293 Kelvin Cross Sections

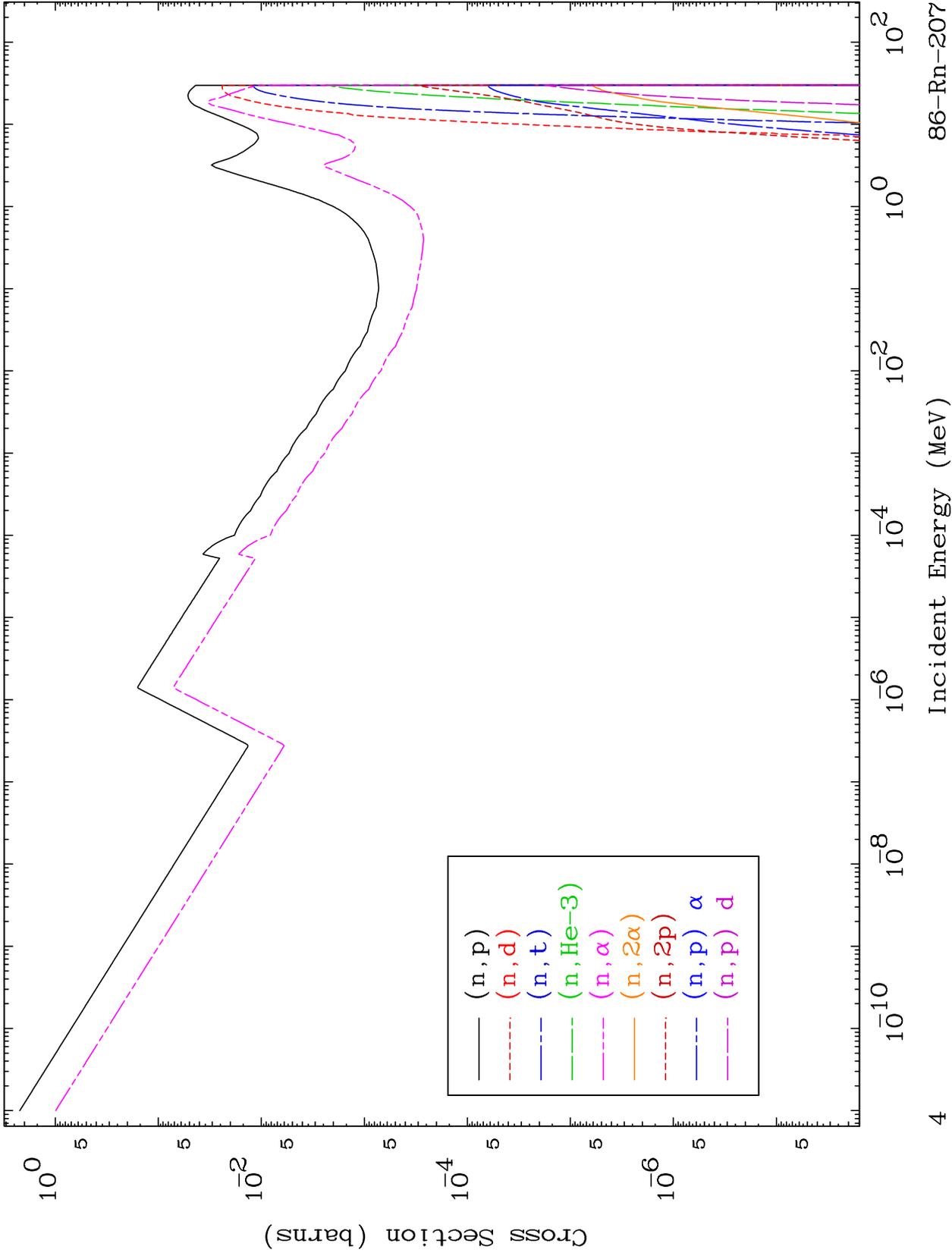
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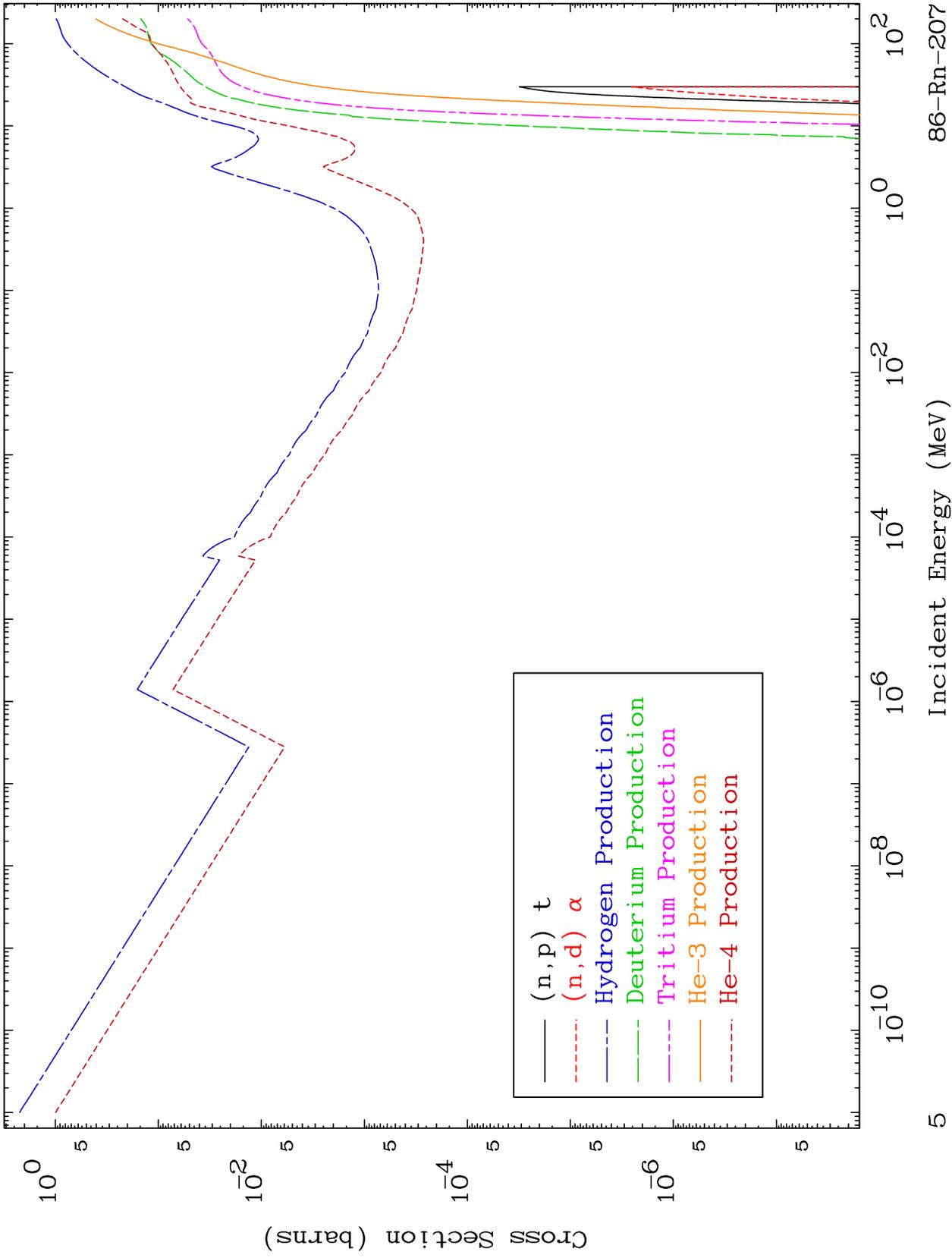


MAT 8613

Neutron Absorption
293 Kelvin Cross Sections

86-Rn-207

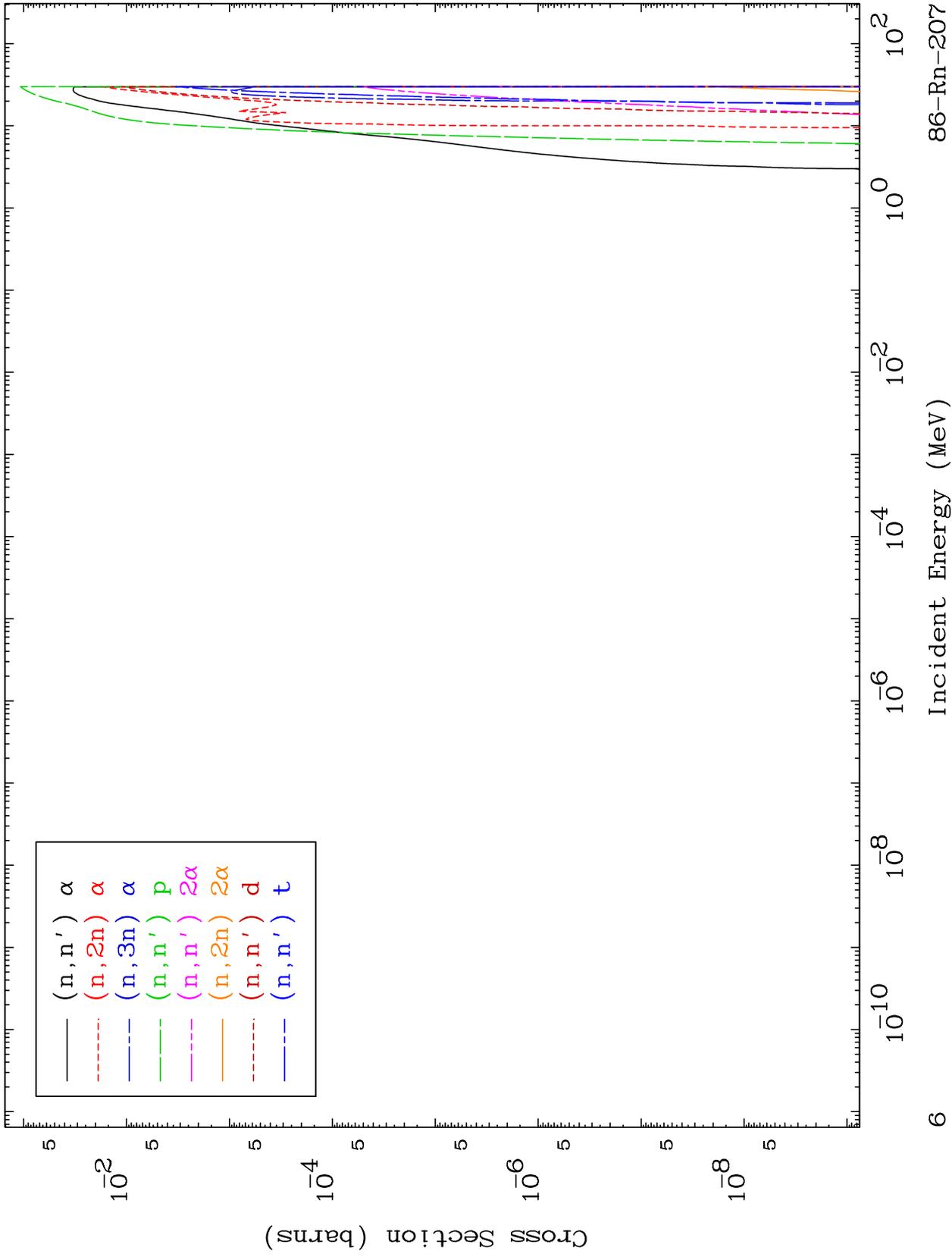




MAT 8613

Charged Particle
293 Kelvin Cross Sections

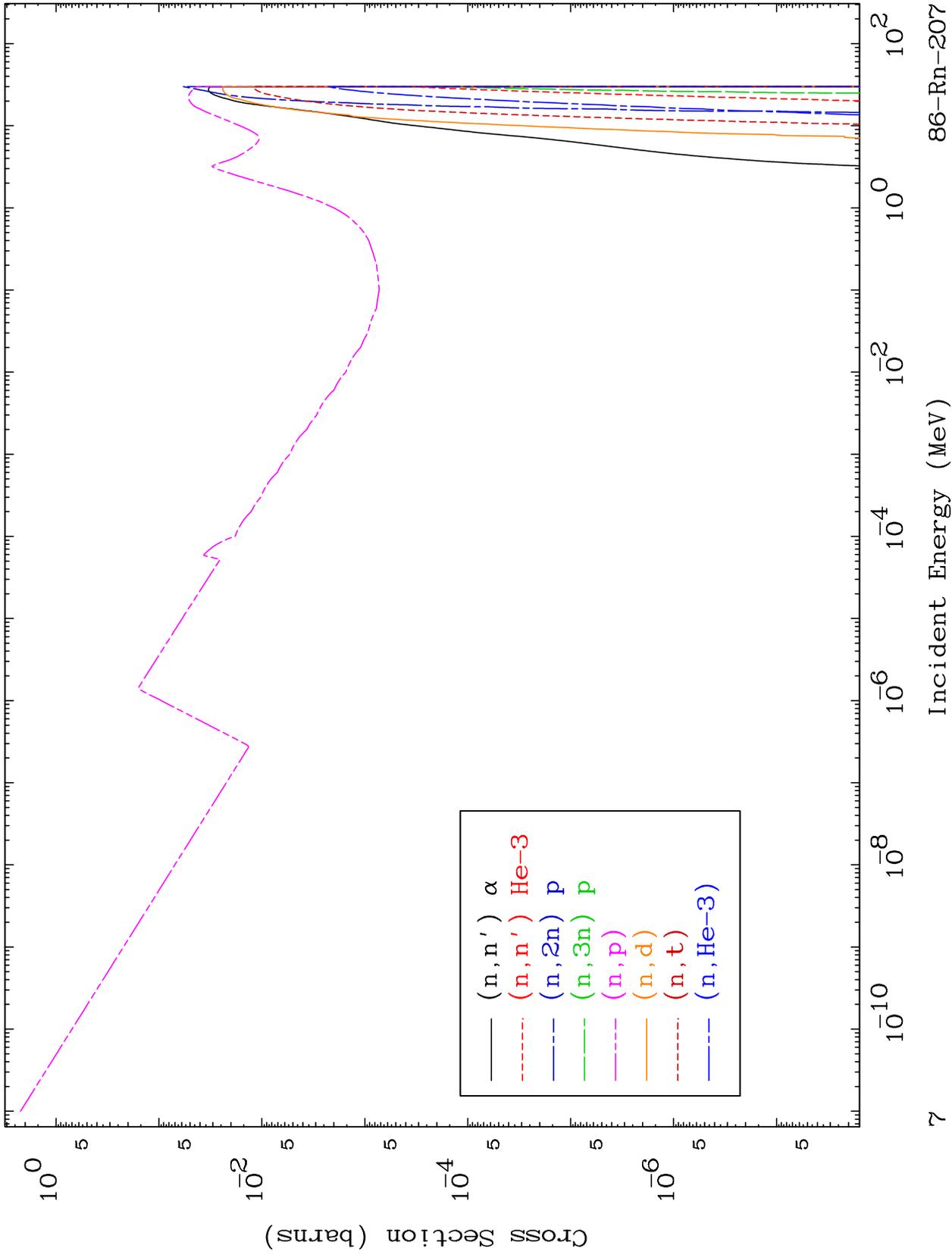
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Charged Particle
293 Kelvin Cross Sections

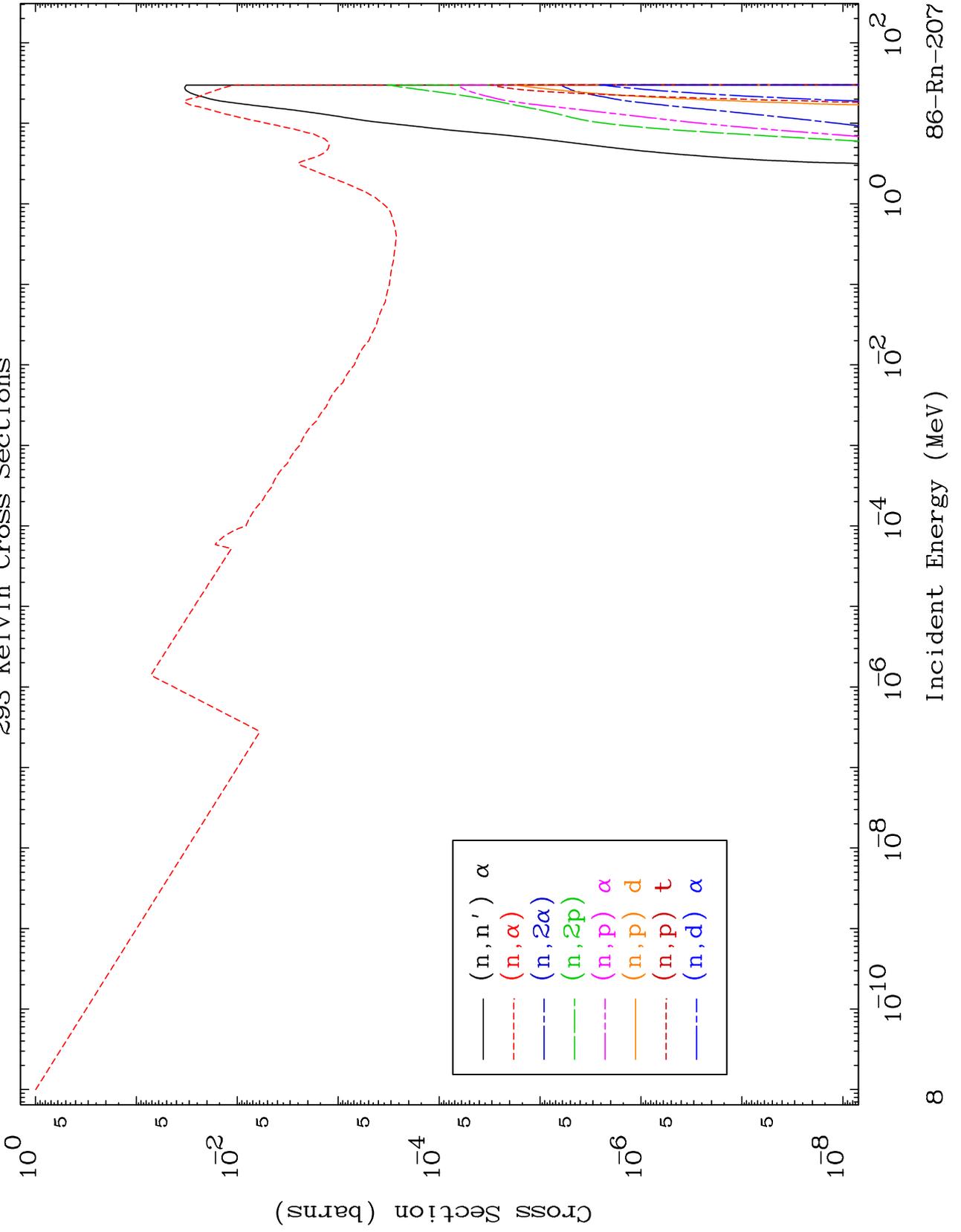
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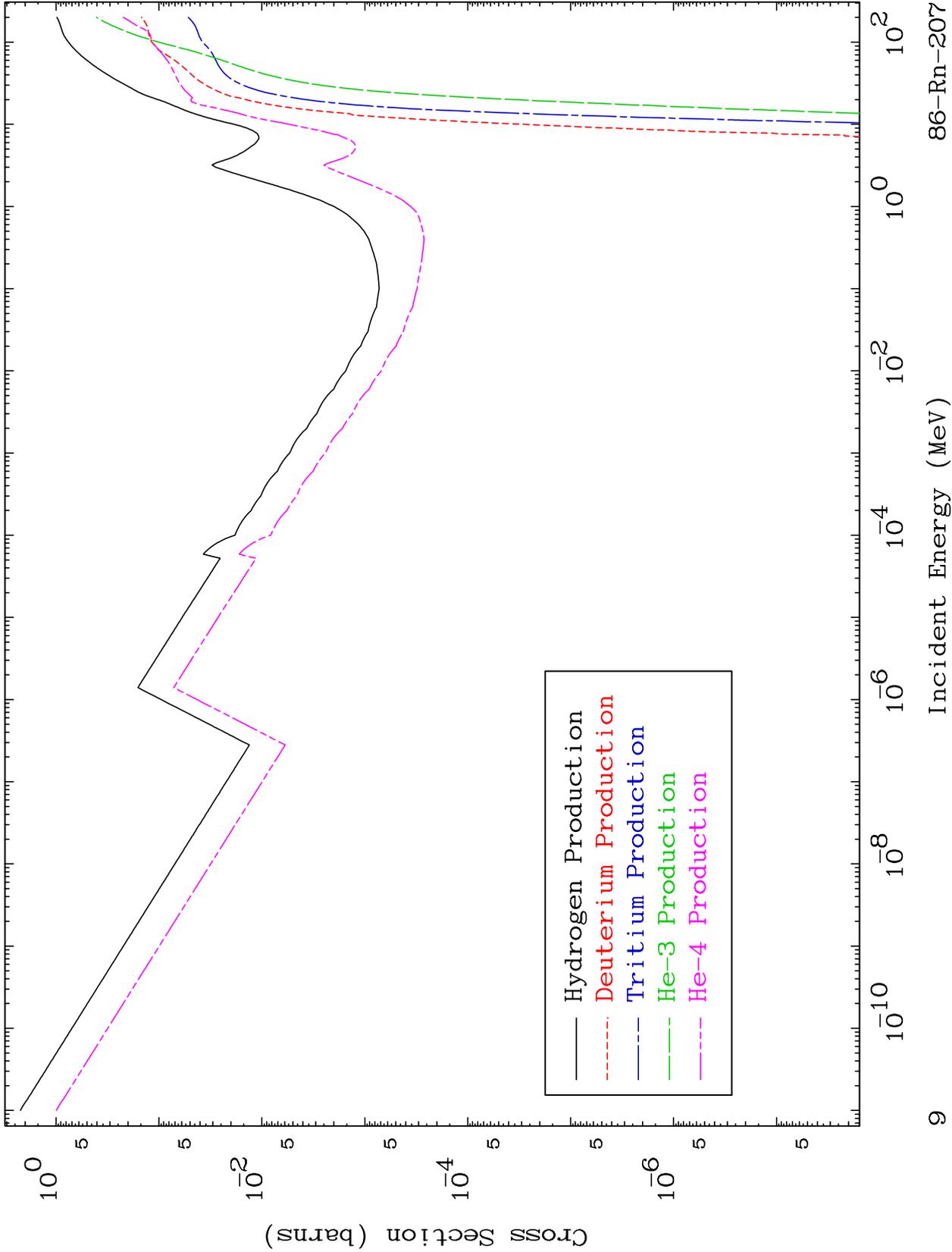


MAT 8613

Charged Particle
293 Kelvin Cross Sections

86-Rn-207

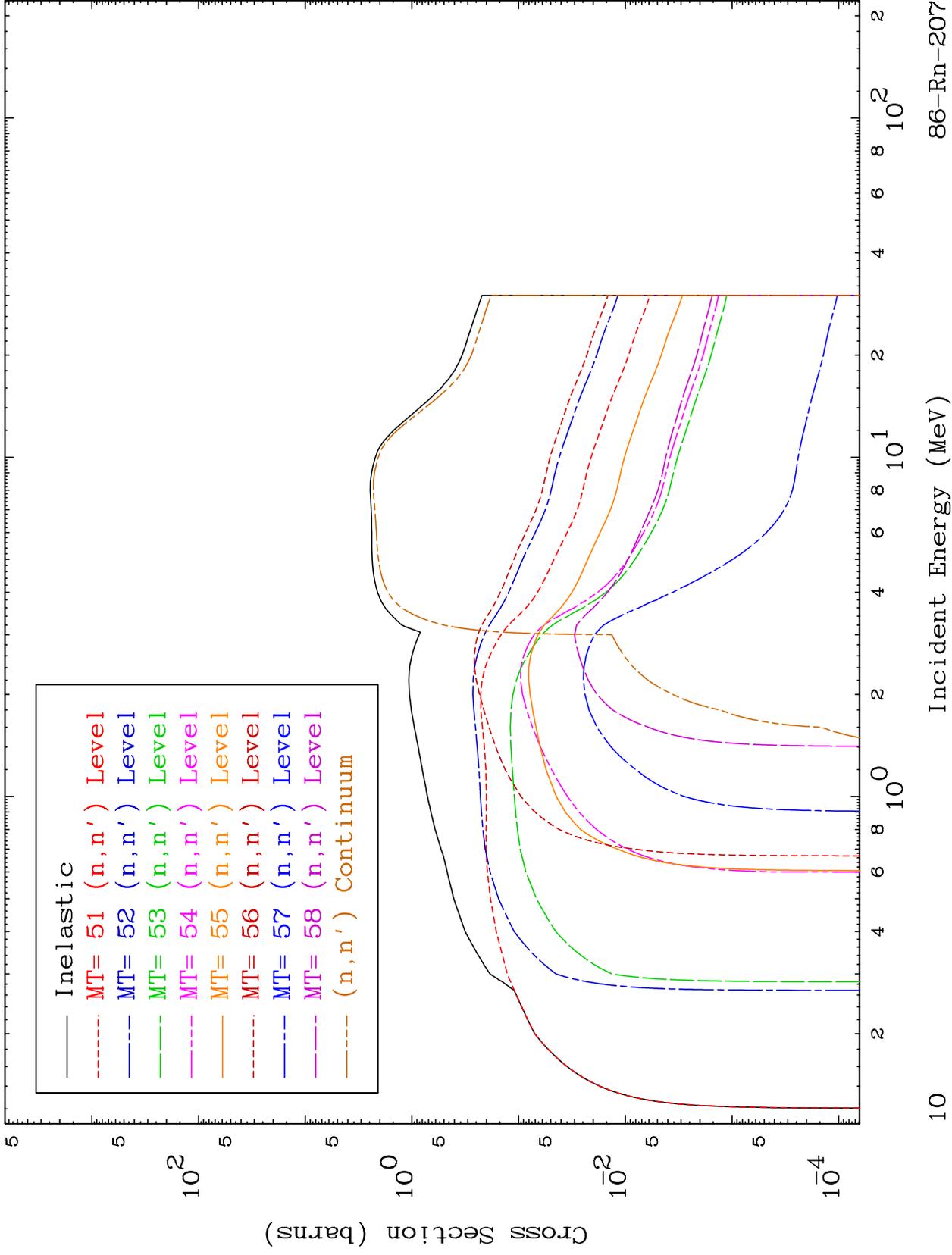




MAT 8613

(n,n') Levels
293 Kelvin Cross Sections

86-Rn-207



10

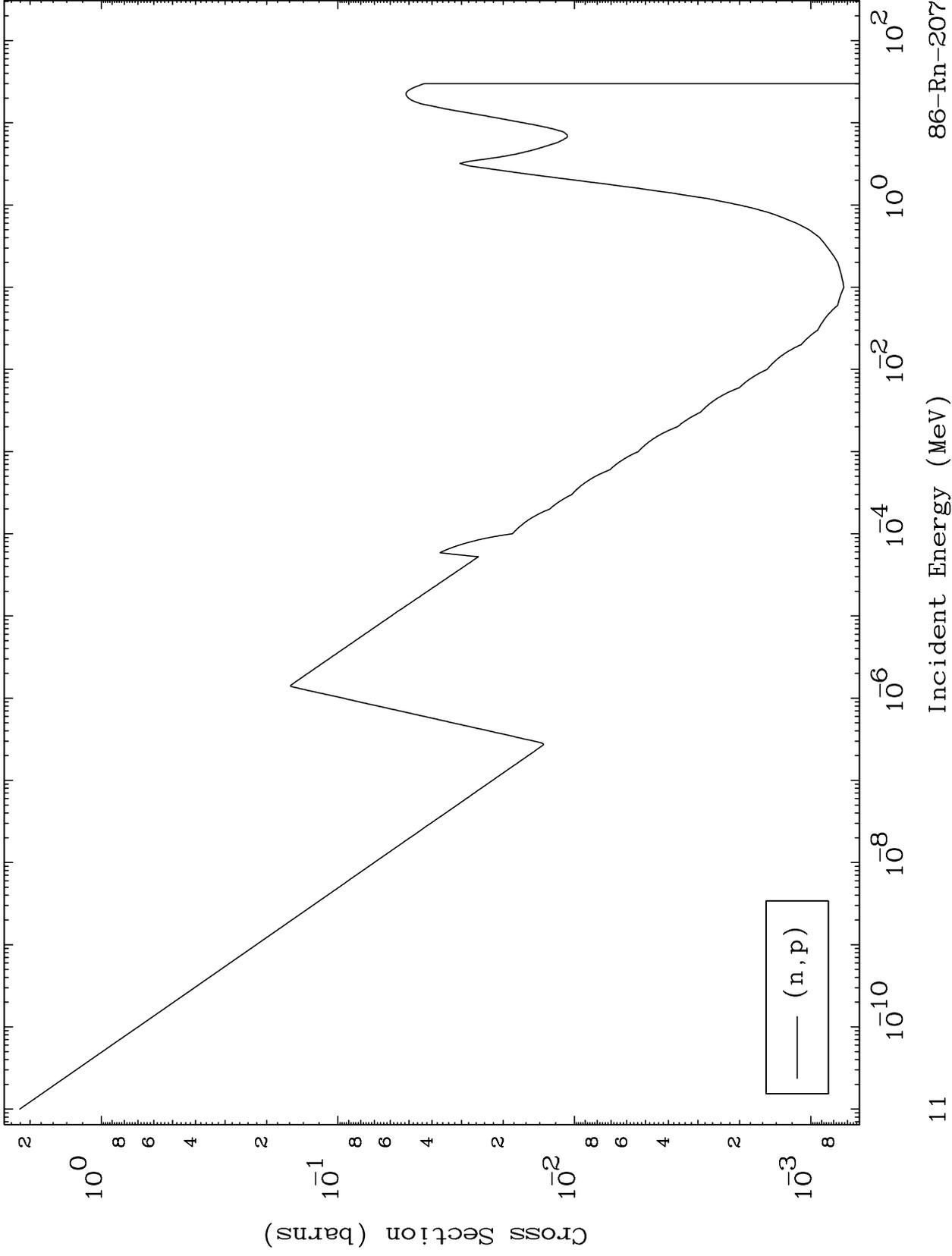
Incident Energy (MeV)

86-Rn-207

MAT 8613

(n,p) Levels
293 Kelvin Cross Sections

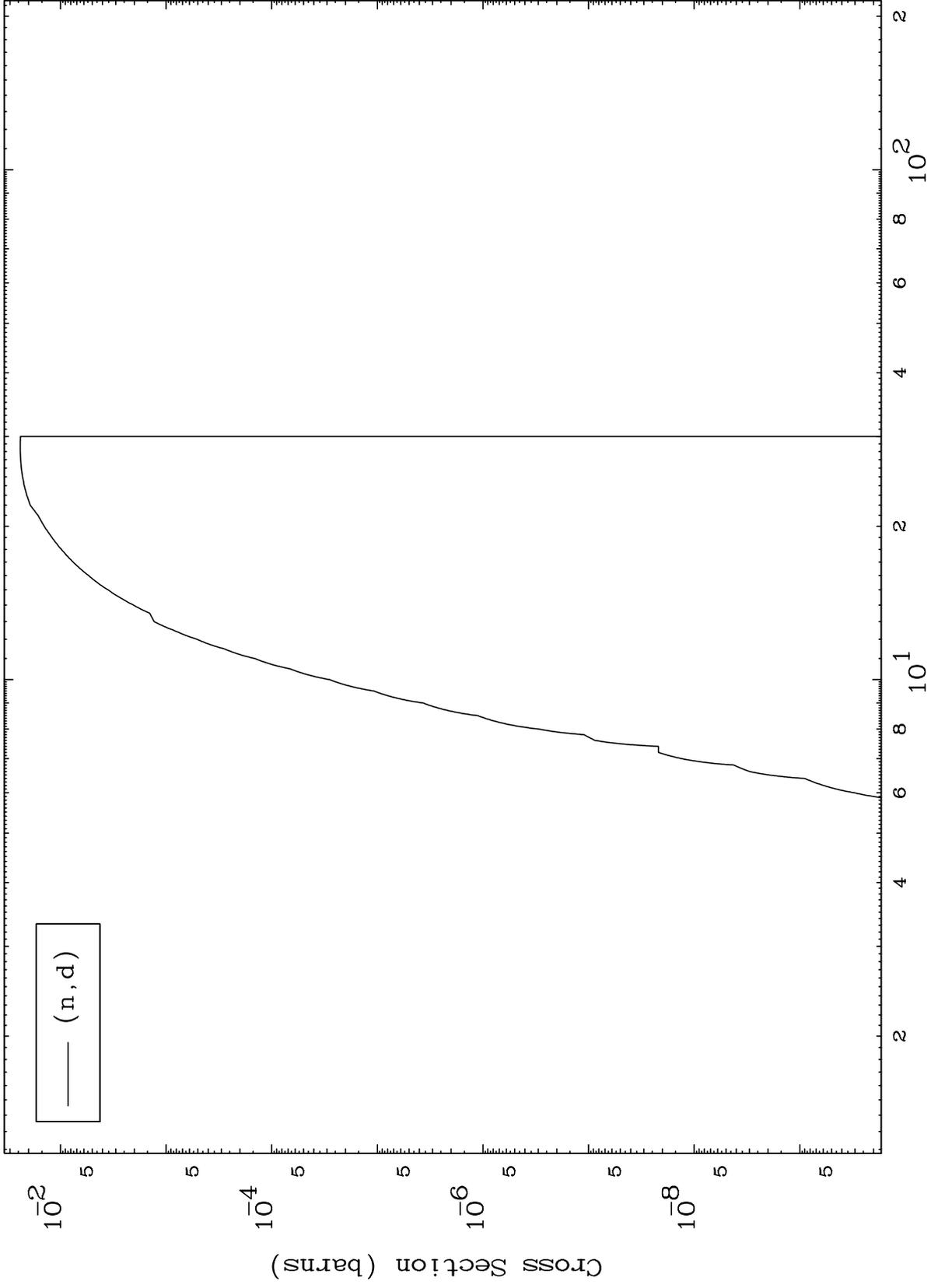
86-Rn-207



MAT 8613

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-207



12

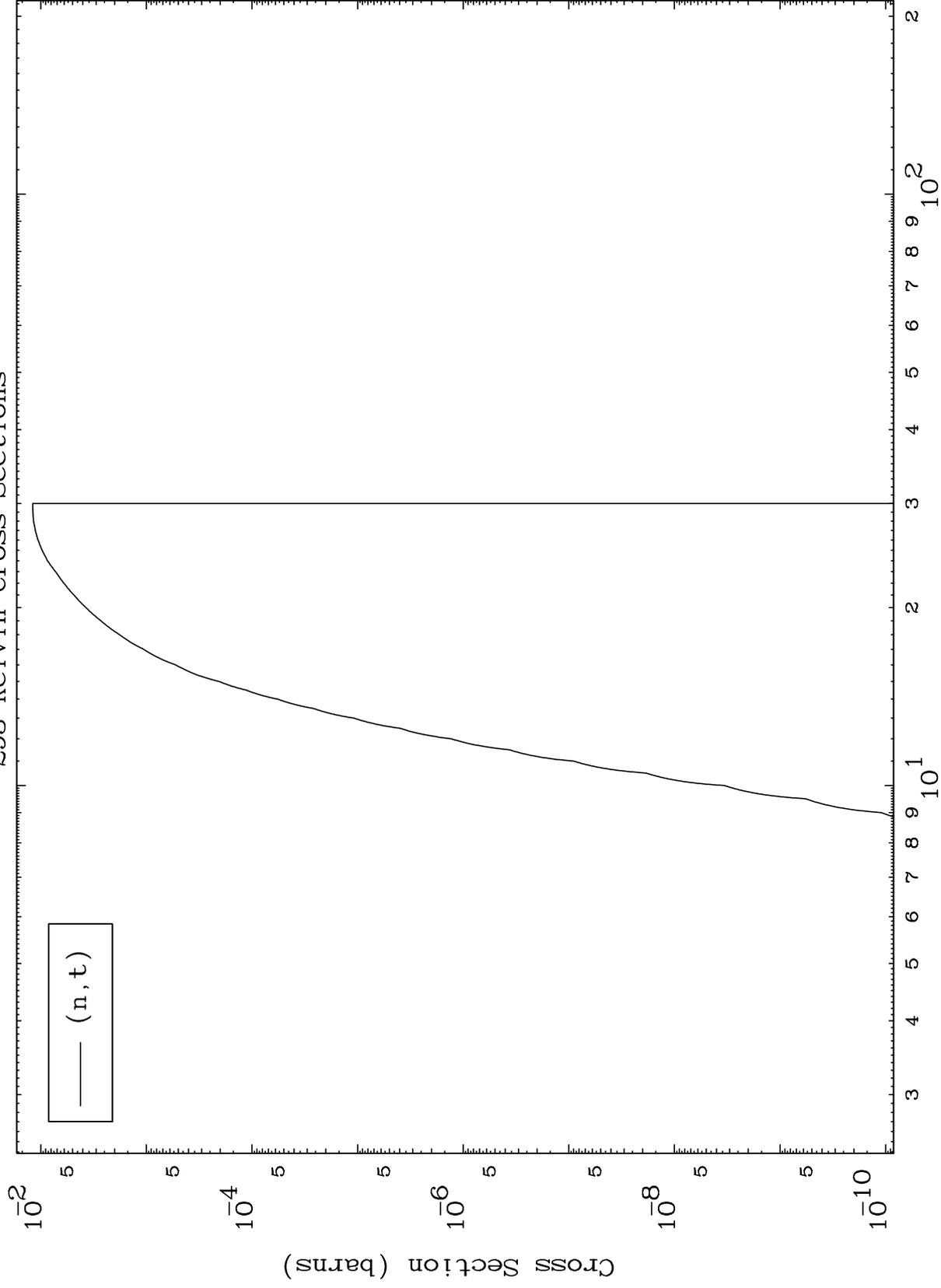
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86-Rn-207

MAT 8613

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-207



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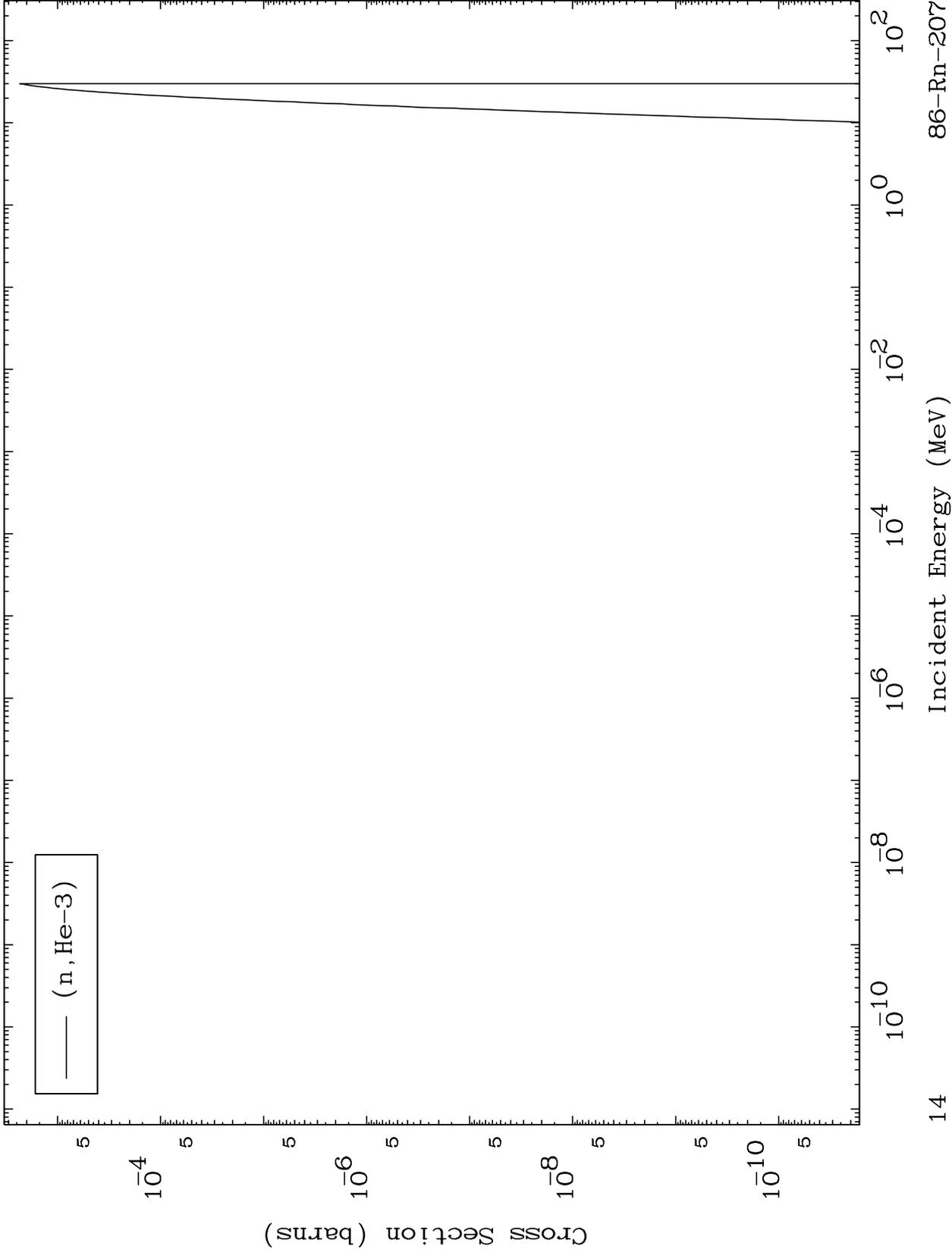
Incident Energy (MeV)

86-Rn-207

MAT 8613

(n,He3) Levels
293 Kelvin Cross Sections

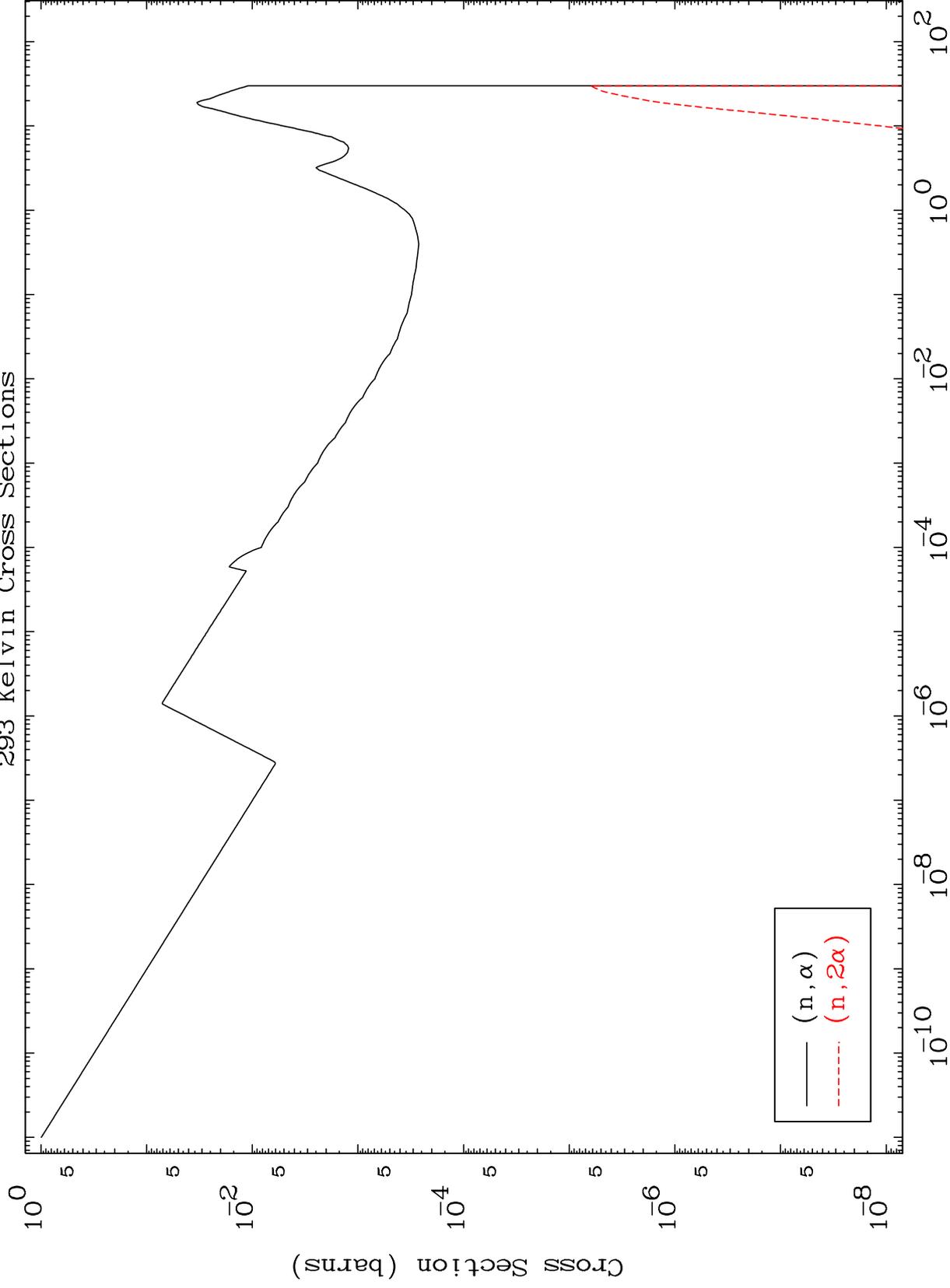
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MAT 8613

(n, α) Levels
293 Kelvin Cross Sections

86-Rn-207



15

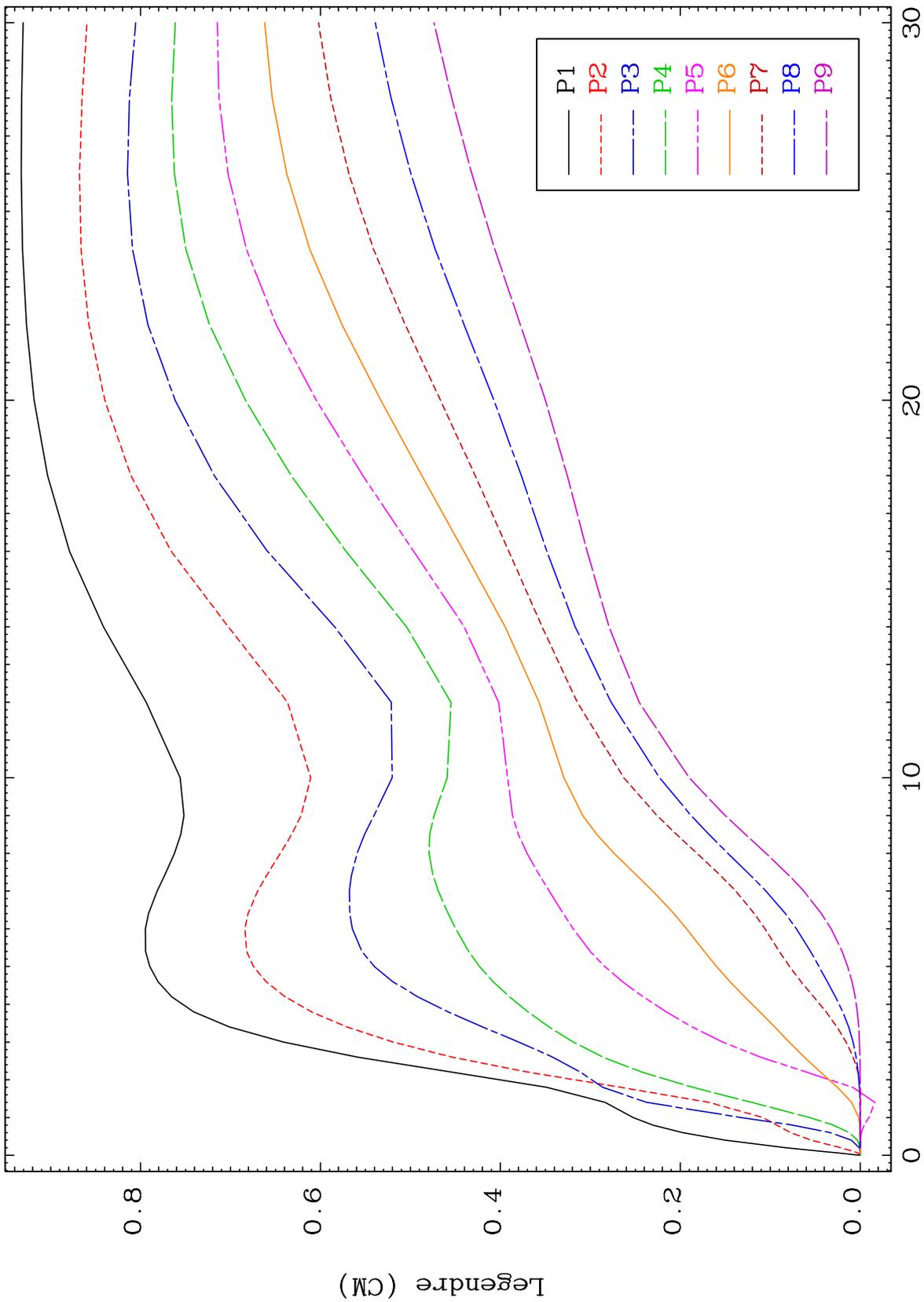
Incident Energy (MeV)

86-Rn-207

MAT 8613

86-Rn-207

Elastic Legendre Coefficients



16

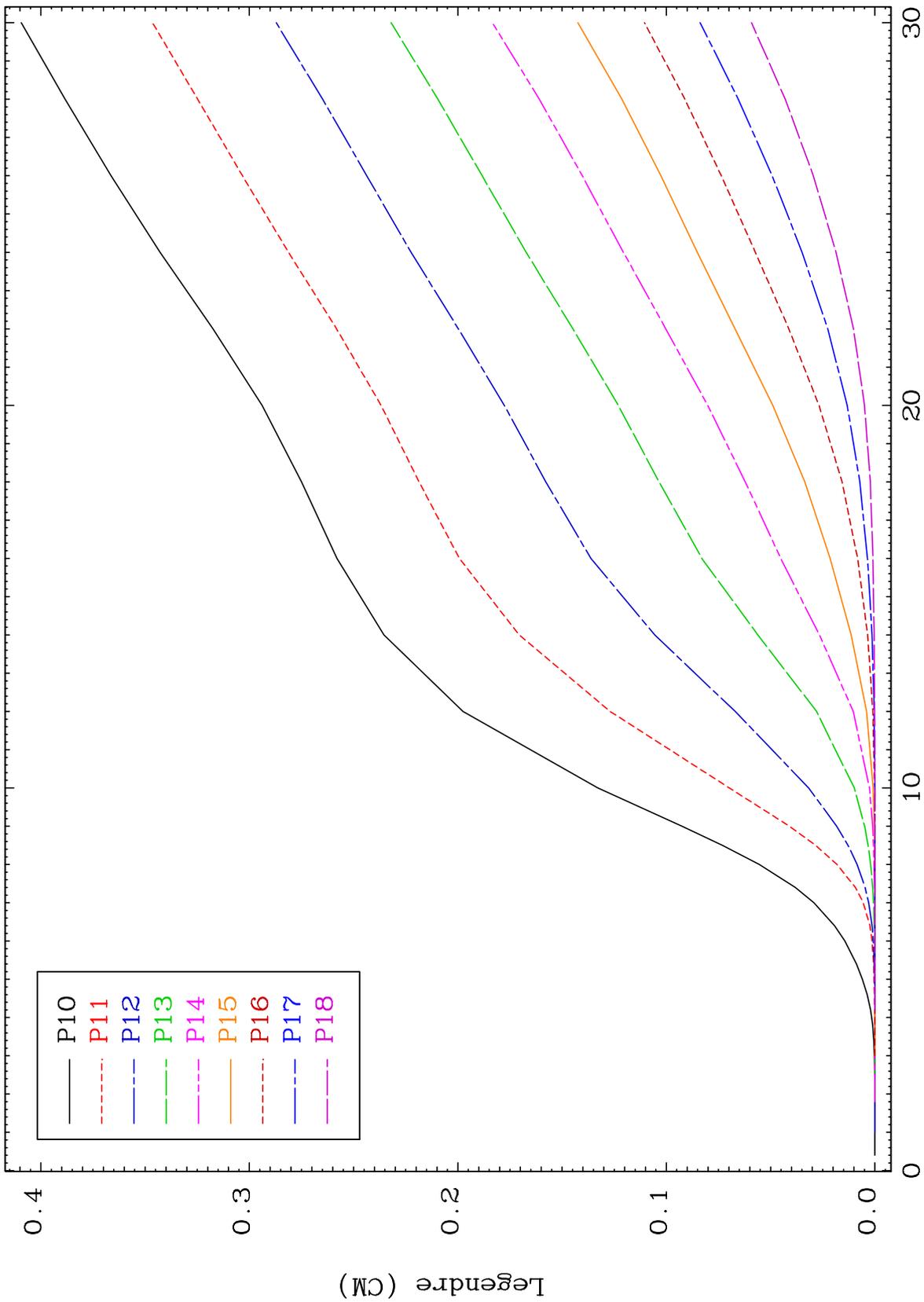
Incident Energy (MeV)

86-Rn-207

MAT 8613

Elastic Legendre Coefficients

86-Rn-207



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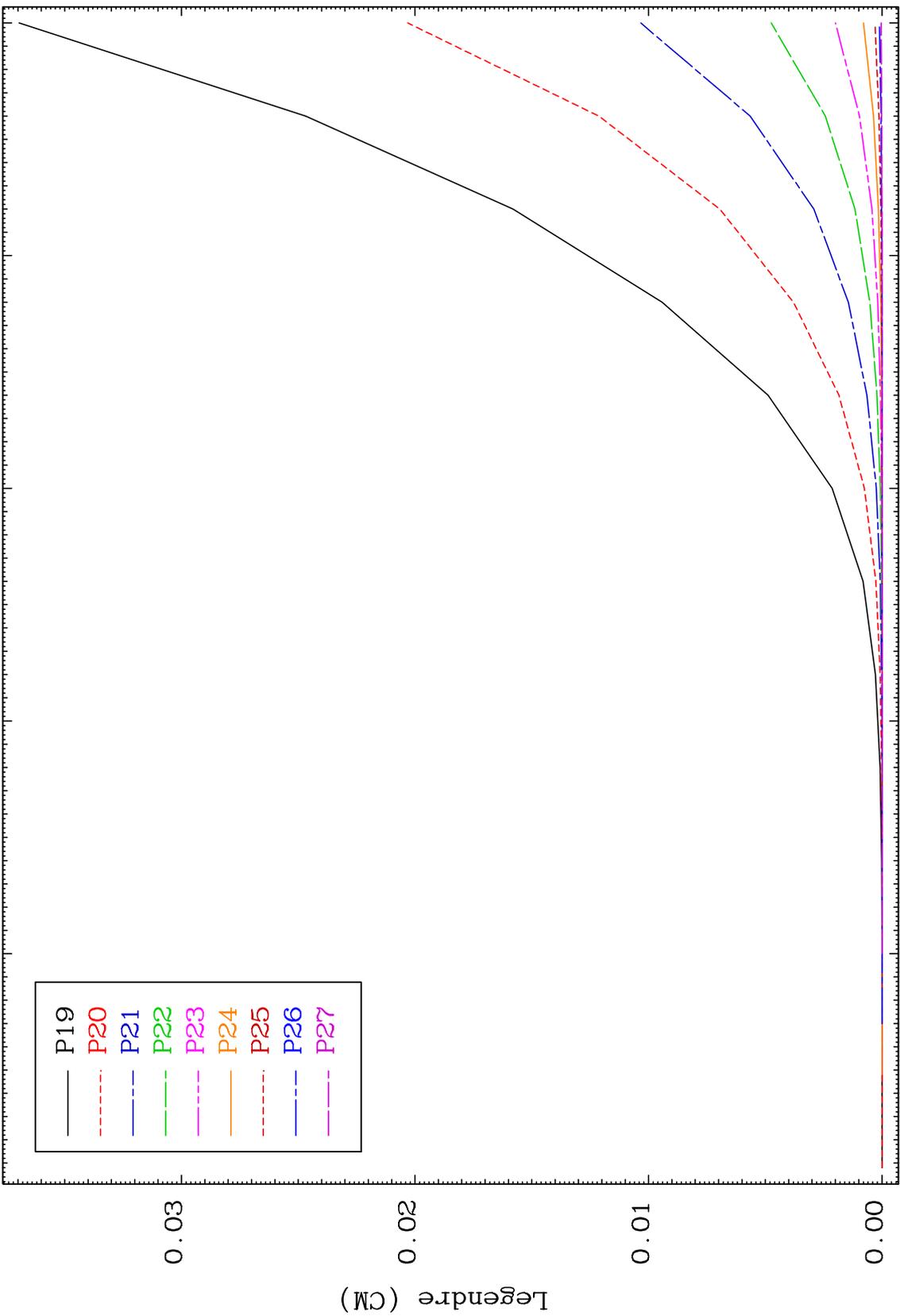
Incident Energy (MeV)

86-Rn-207

MAT 8613

Elastic Legendre Coefficients

86-Rn-207



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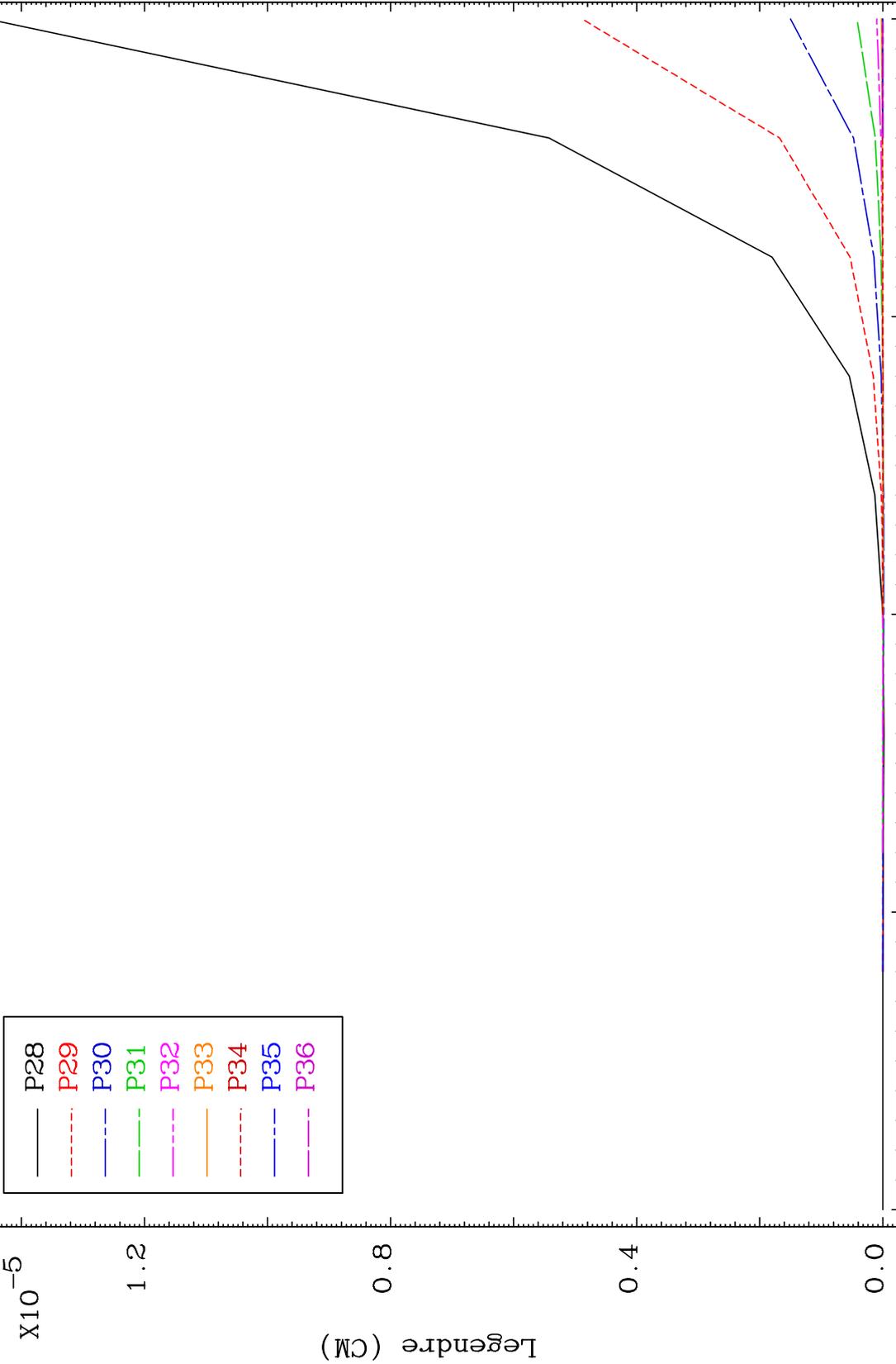
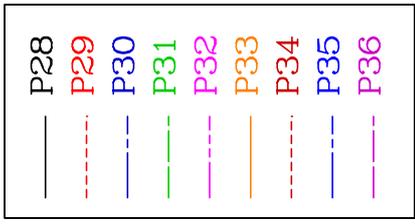
Incident Energy (MeV)

86-Rn-207

MAT 8613

Elastic Legendre Coefficients

86-Rn-207



19

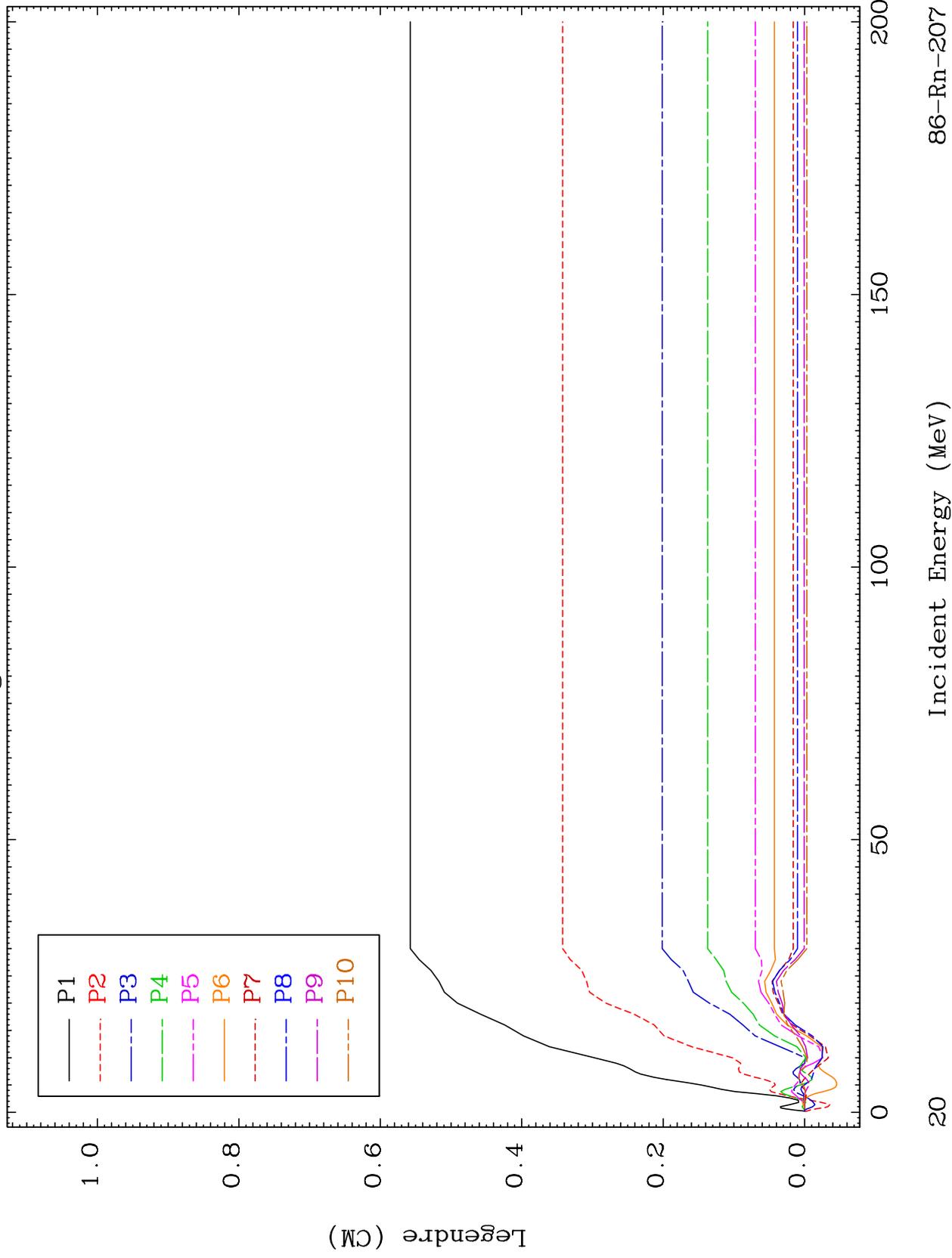
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

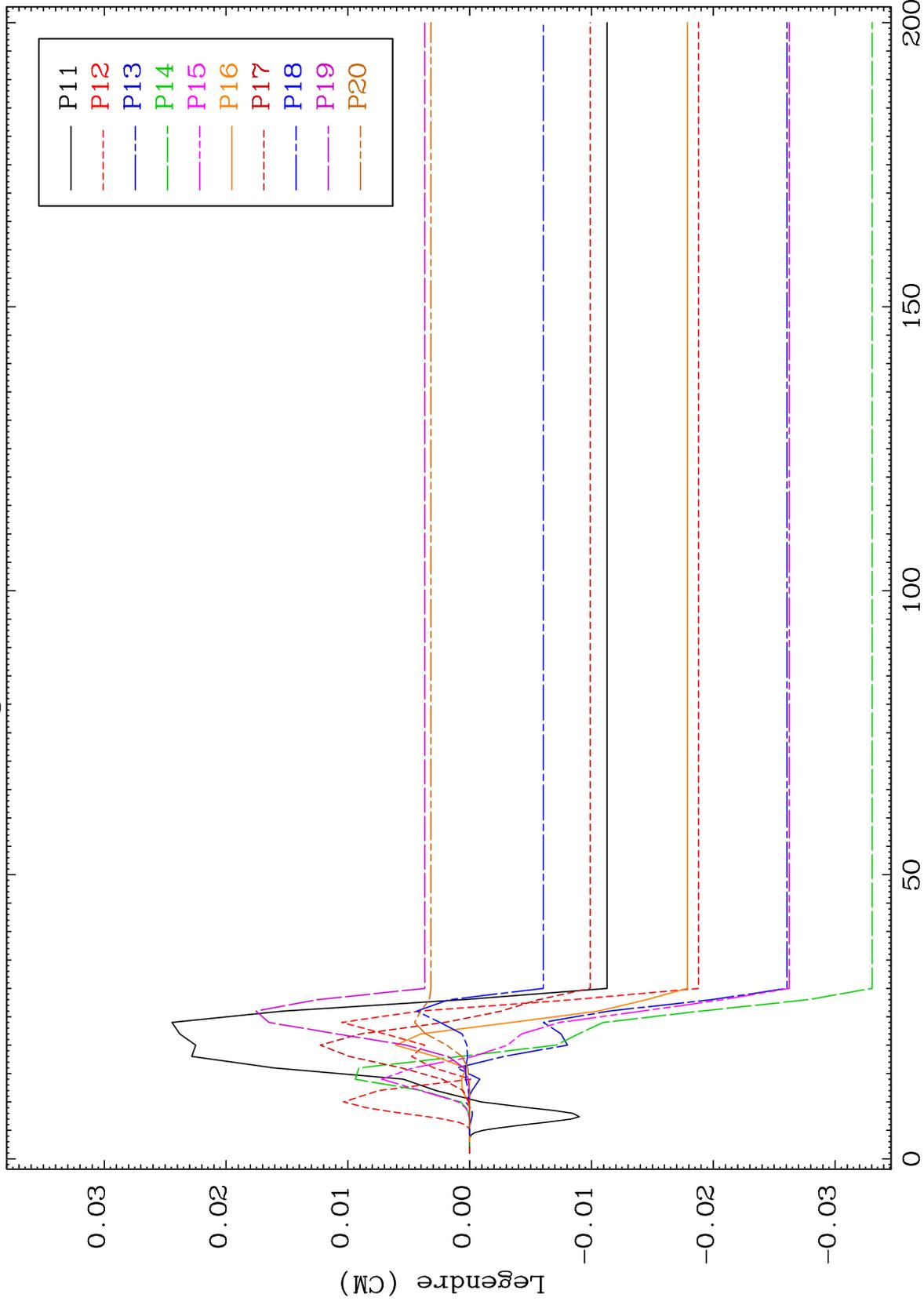
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MAT 8613

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

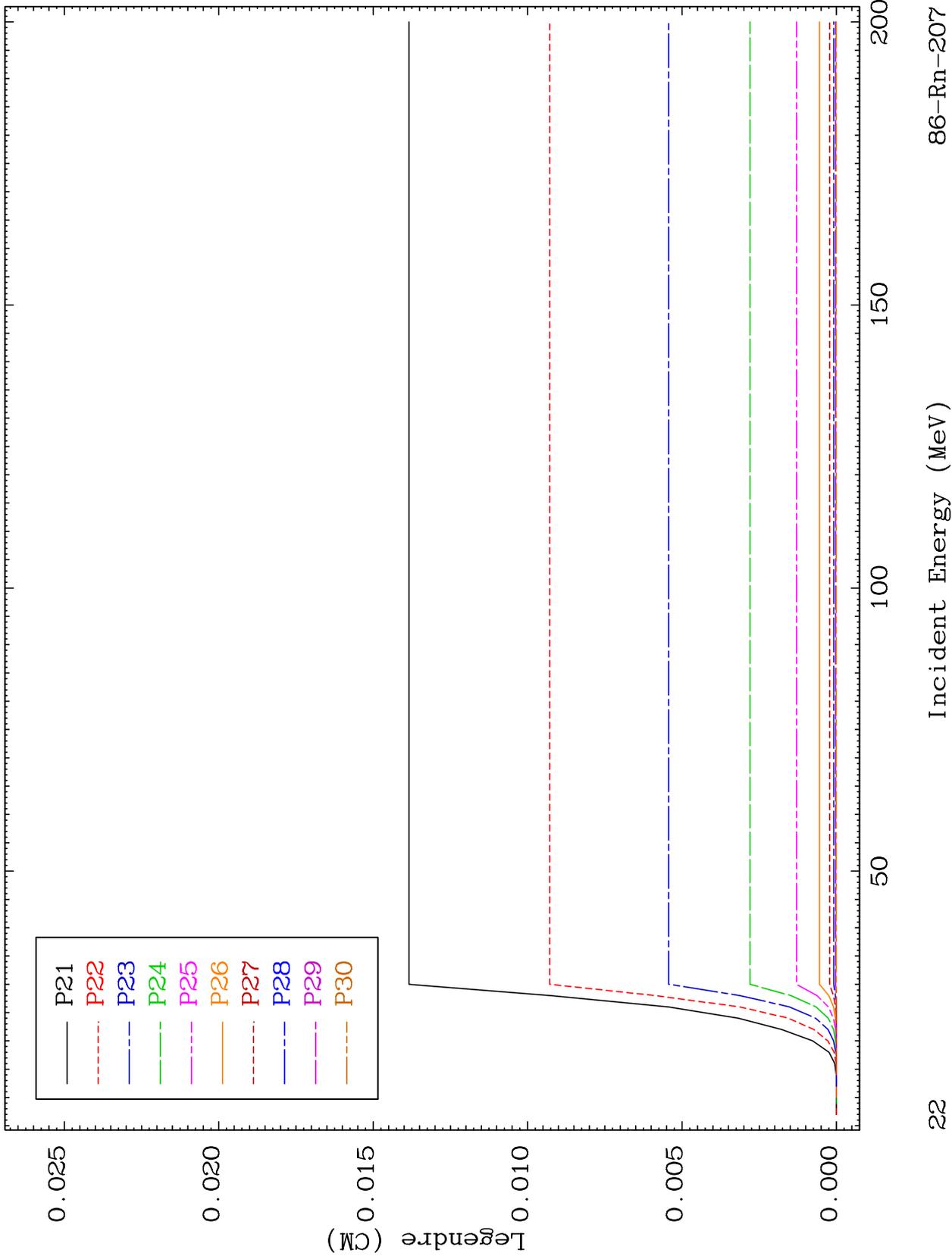
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21

Incident Energy (MeV)

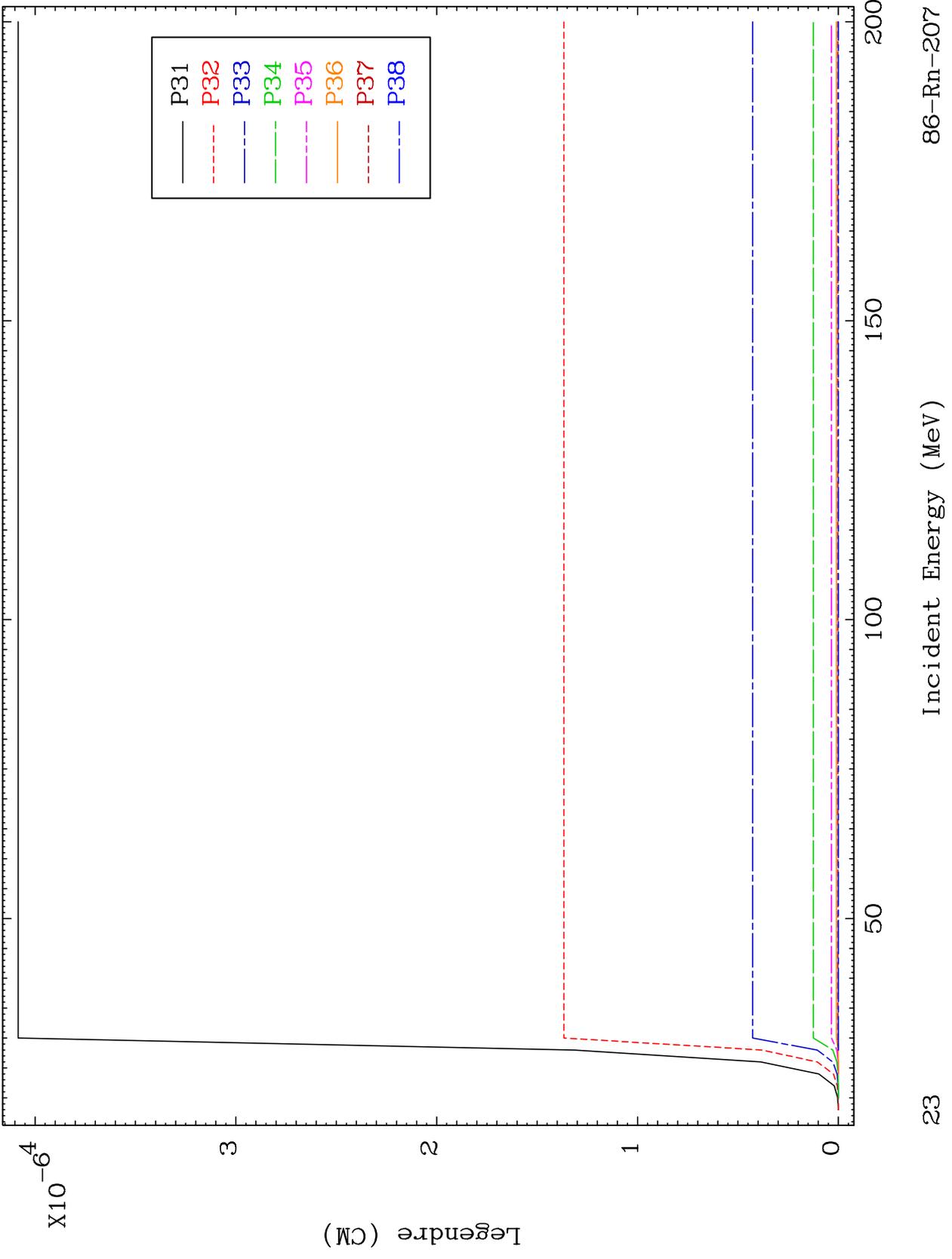
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MAT 8613

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

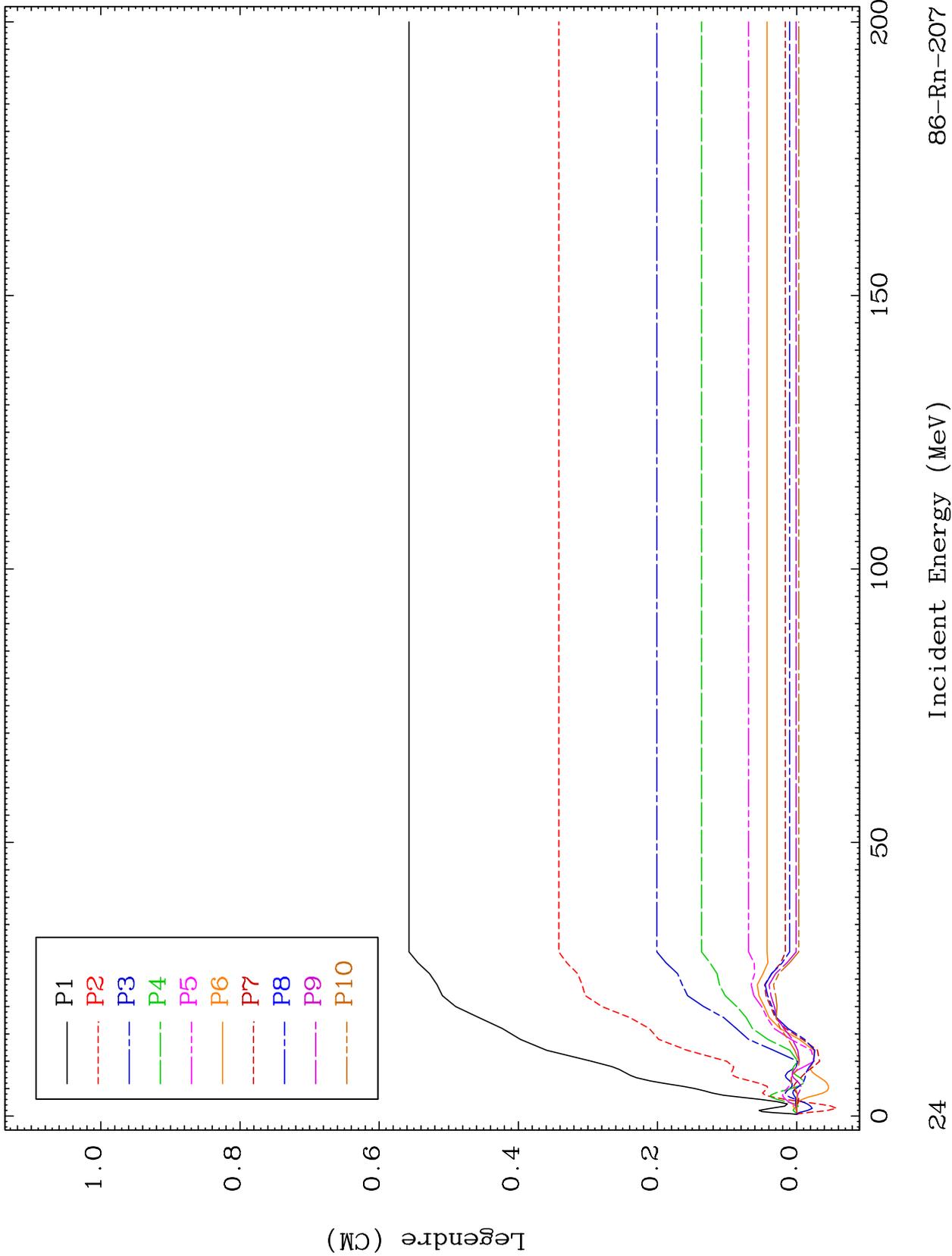
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MAT 8613

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

86-Rn-207



24

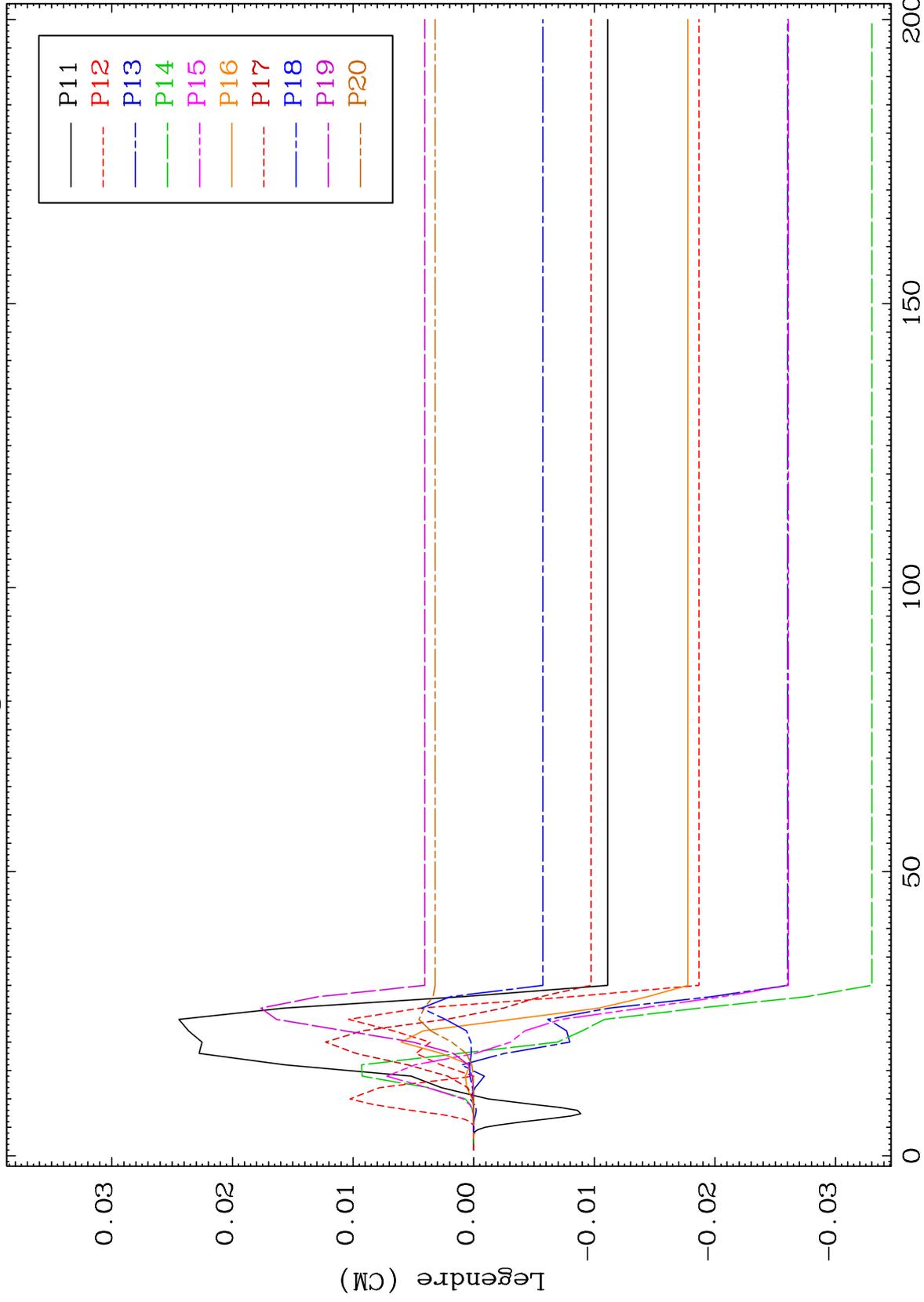
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

86-Rn-207



25

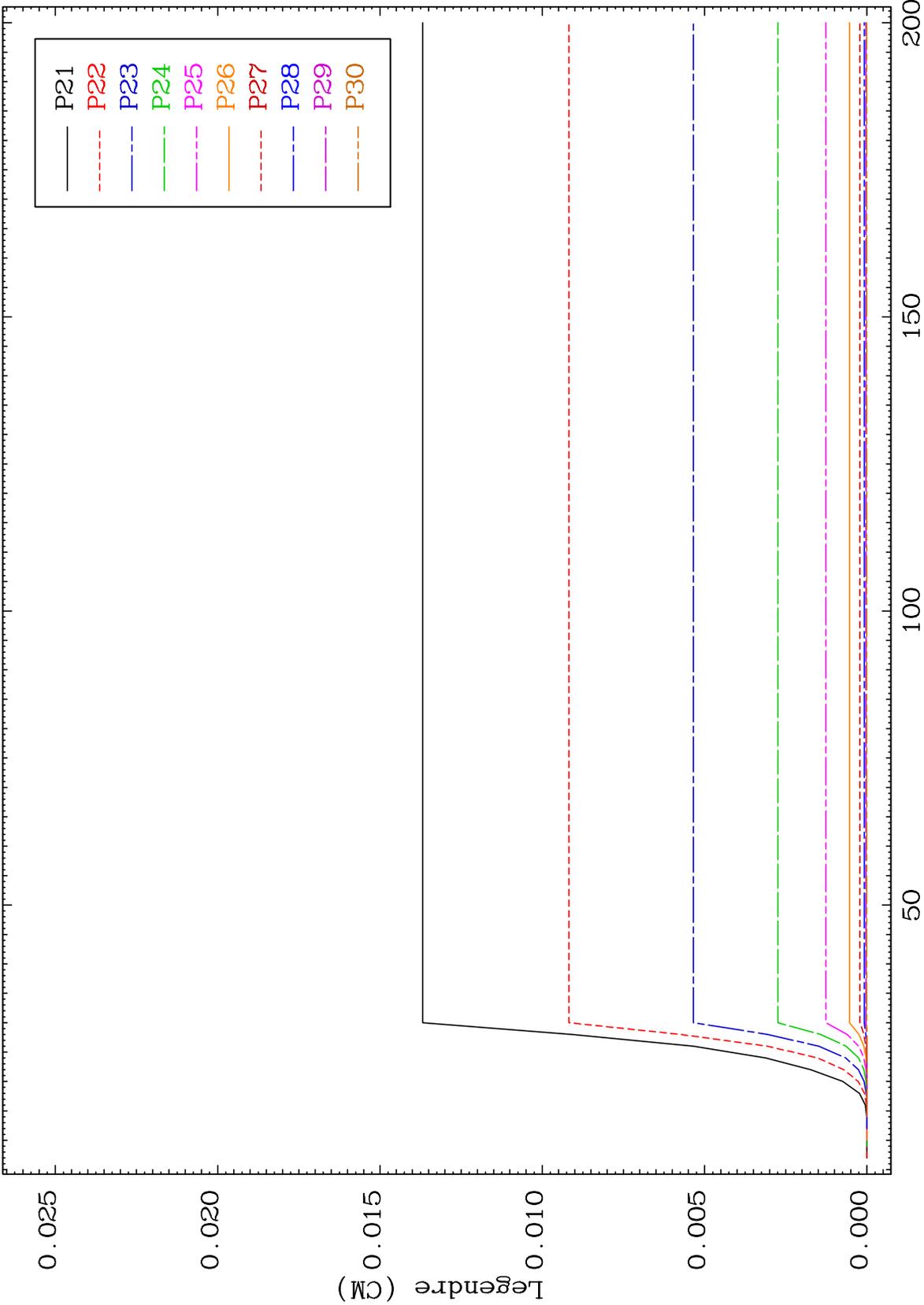
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MAT 8613

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

86-Rn-207



26

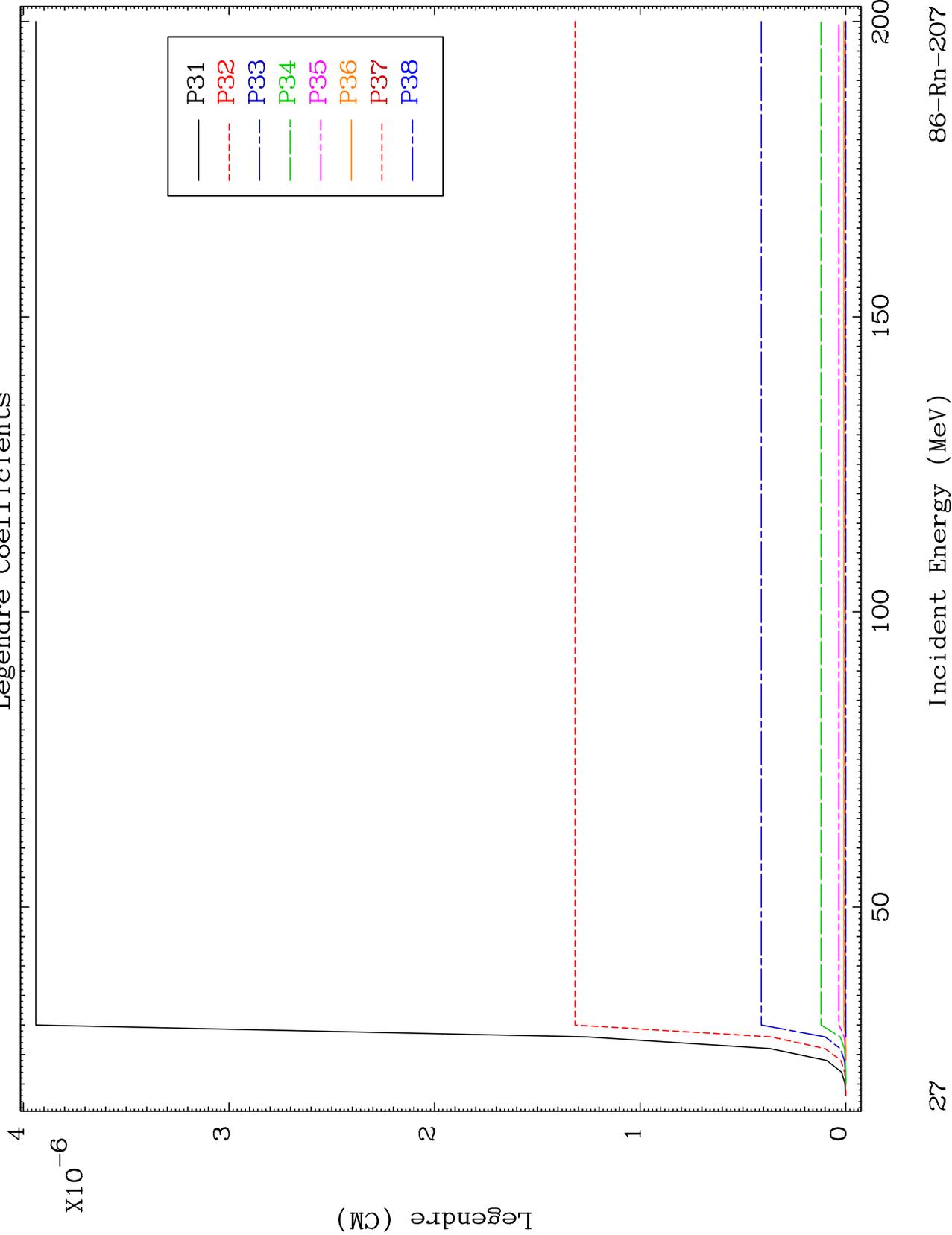
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

86-Rn-207



27

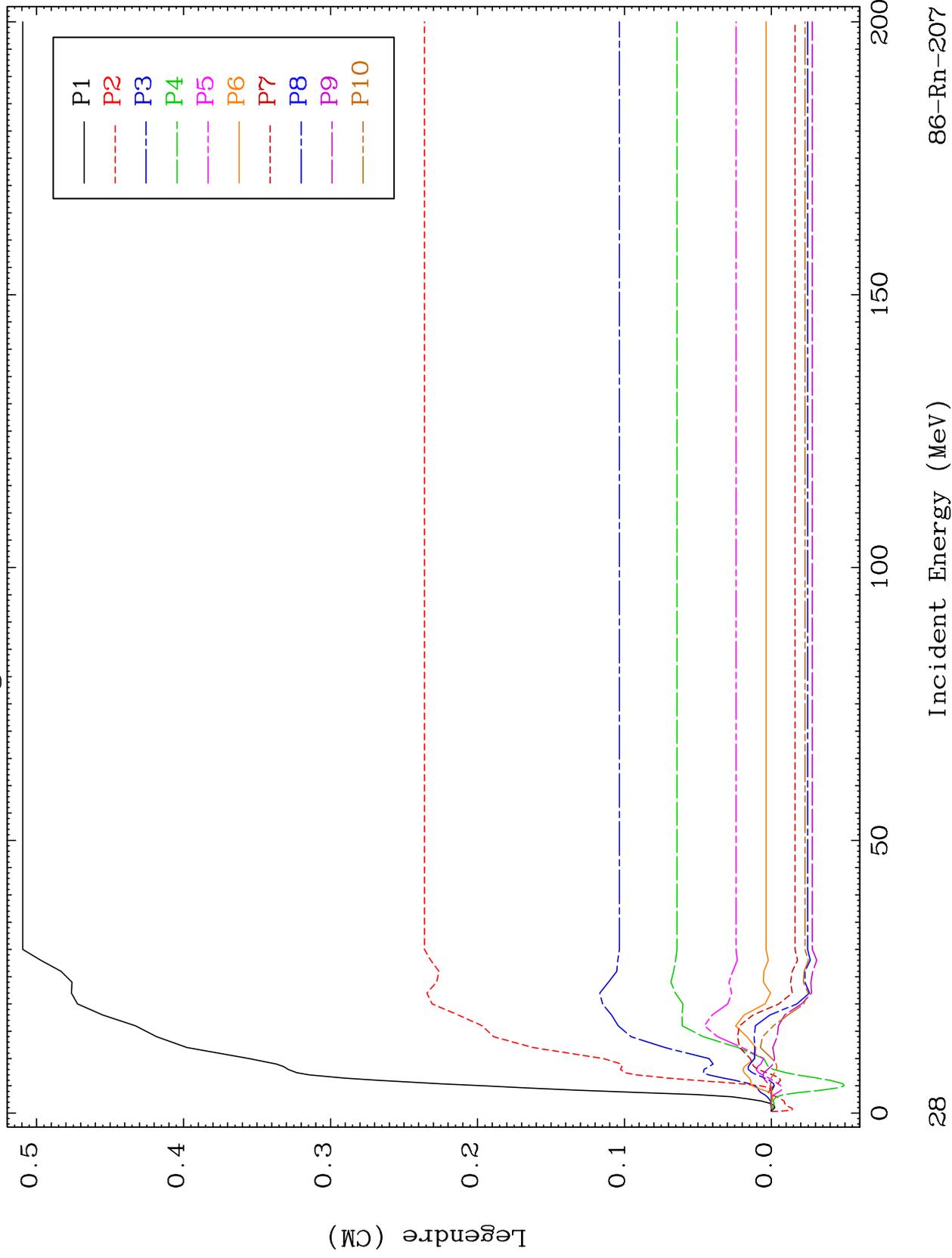
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

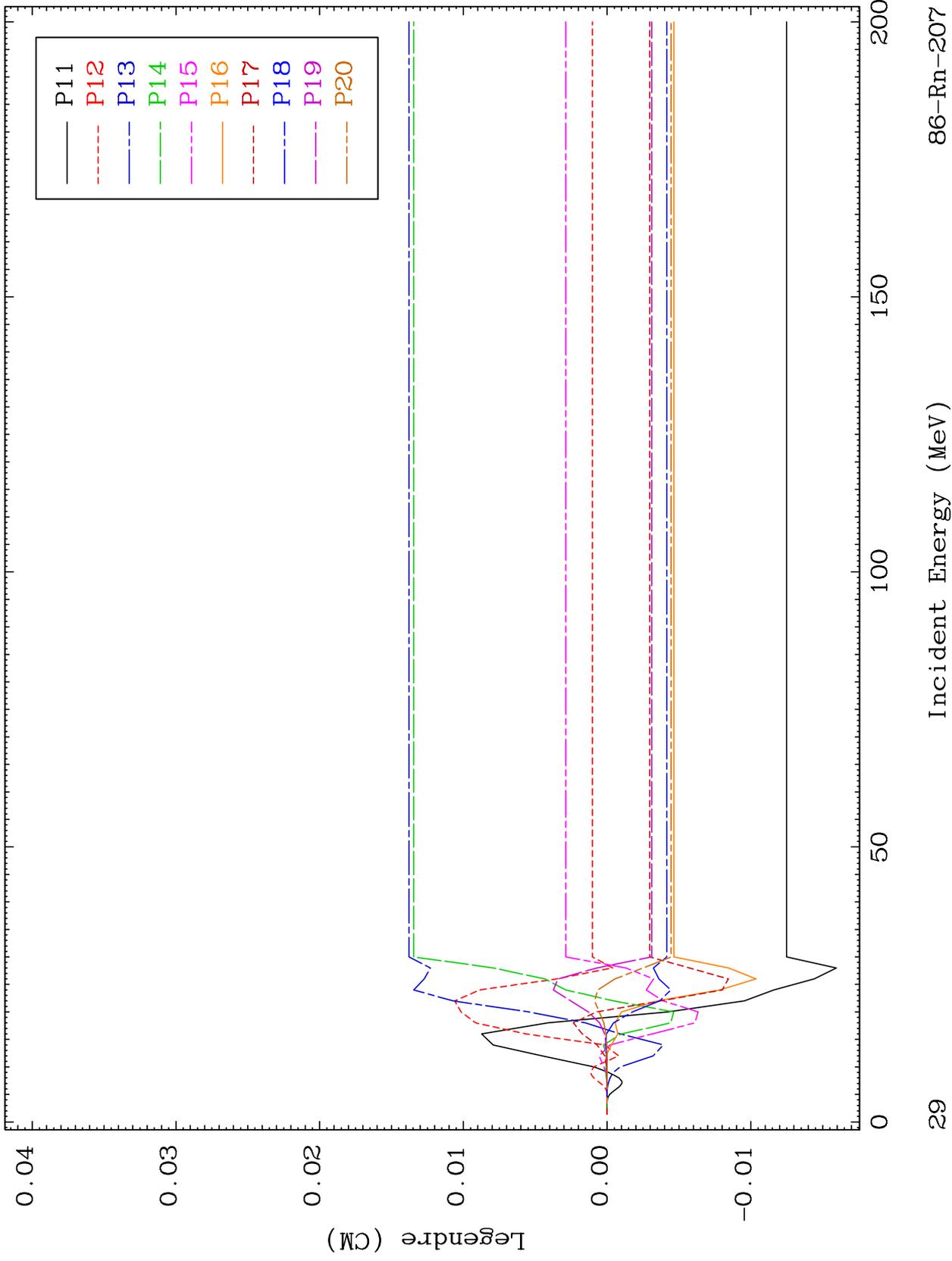
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MAT 8613

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

86-Rn-207



86-Rn-207

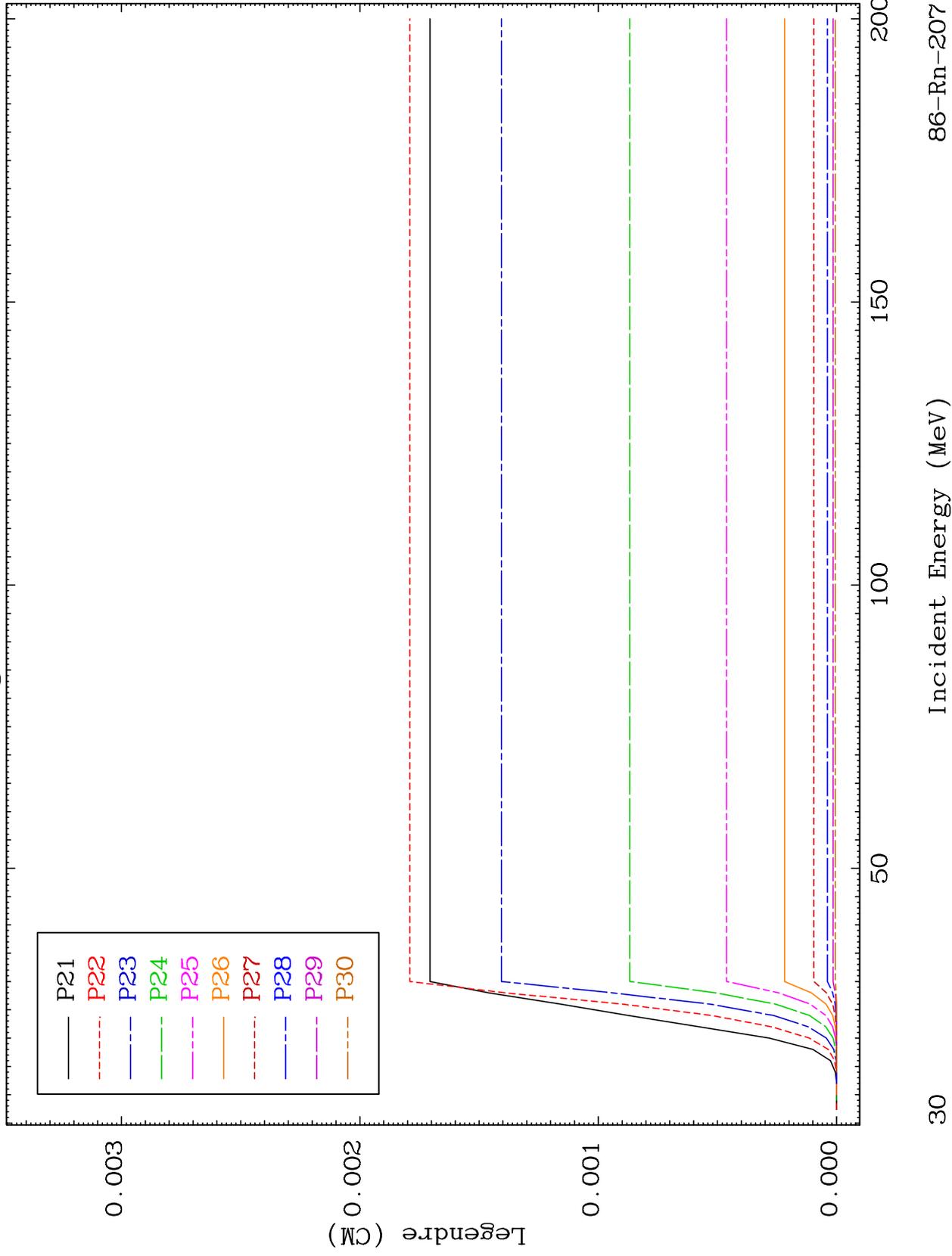
Incident Energy (MeV)

29

MAT 8613

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

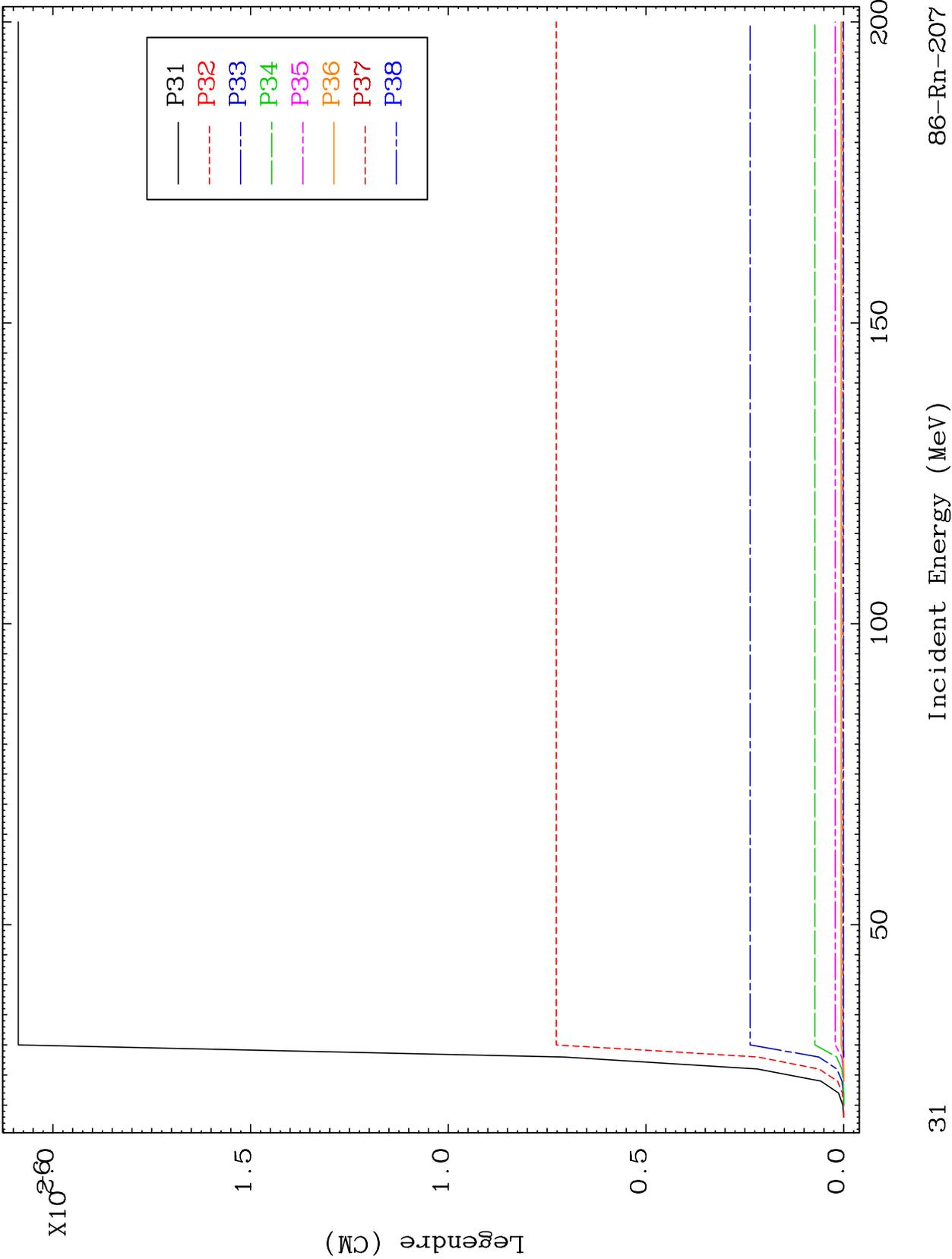
86-Rn-207



86-Rn-207

Incident Energy (MeV)

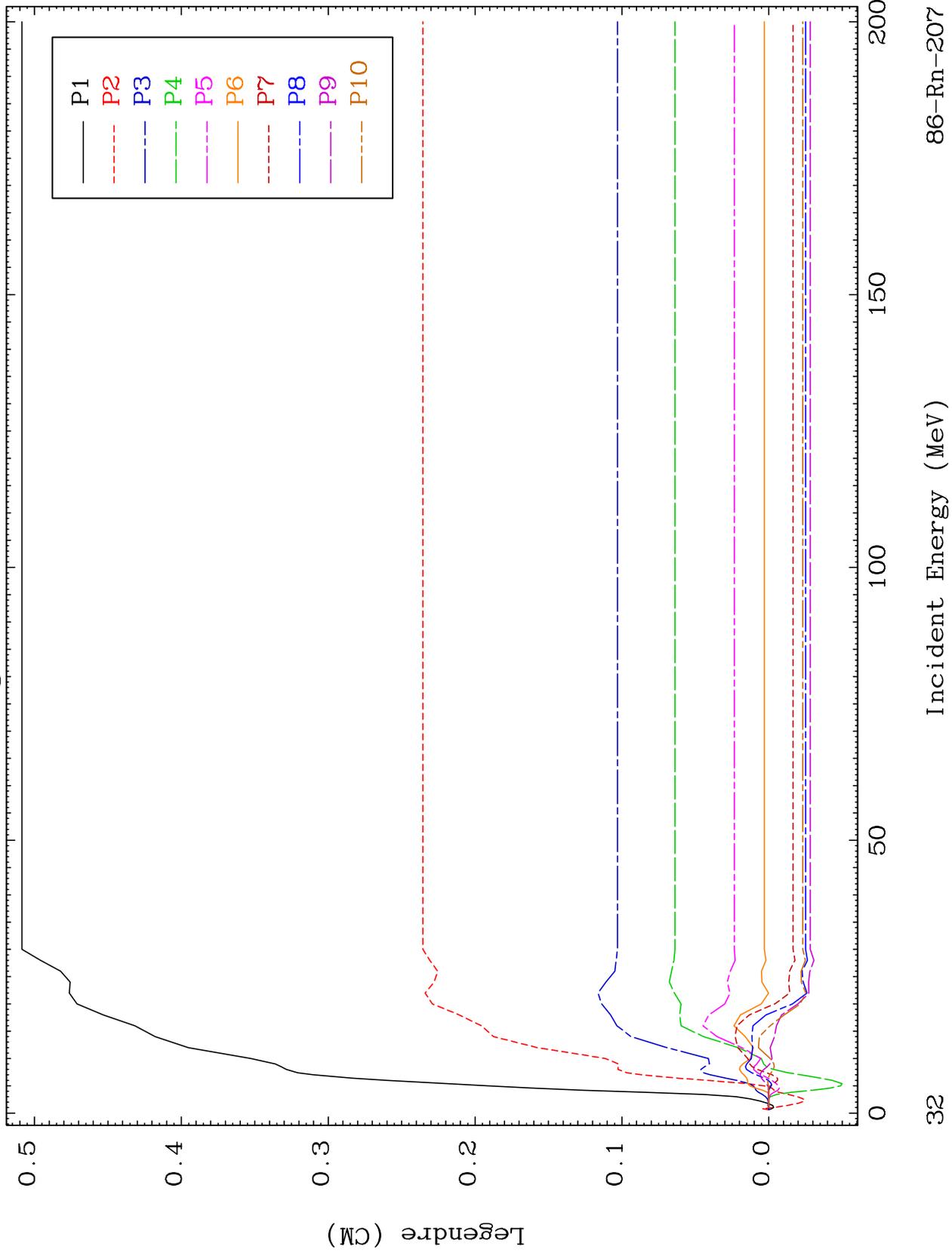
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MAT 8613

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

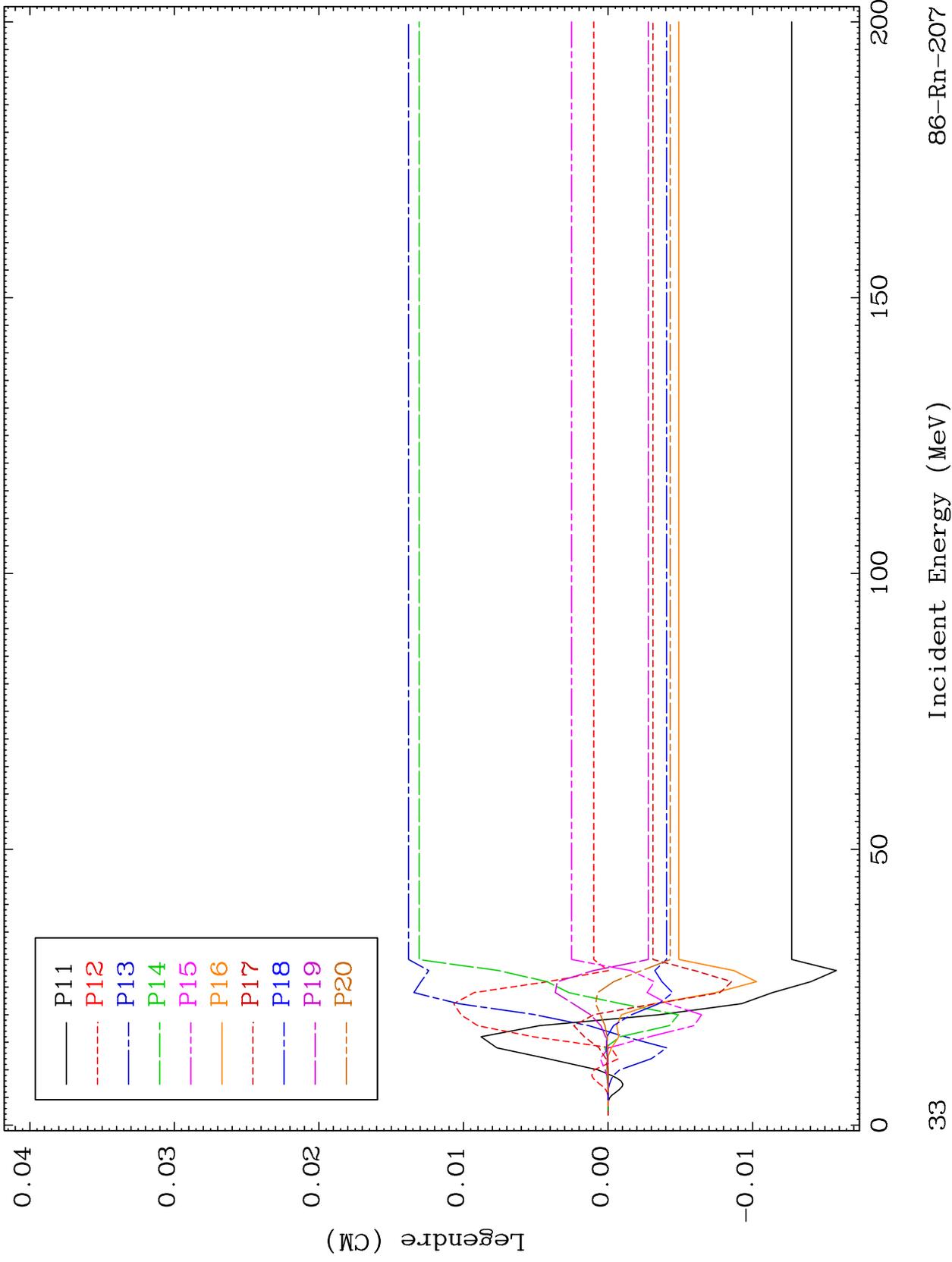
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MAT 8613

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

86-Rn-207



33

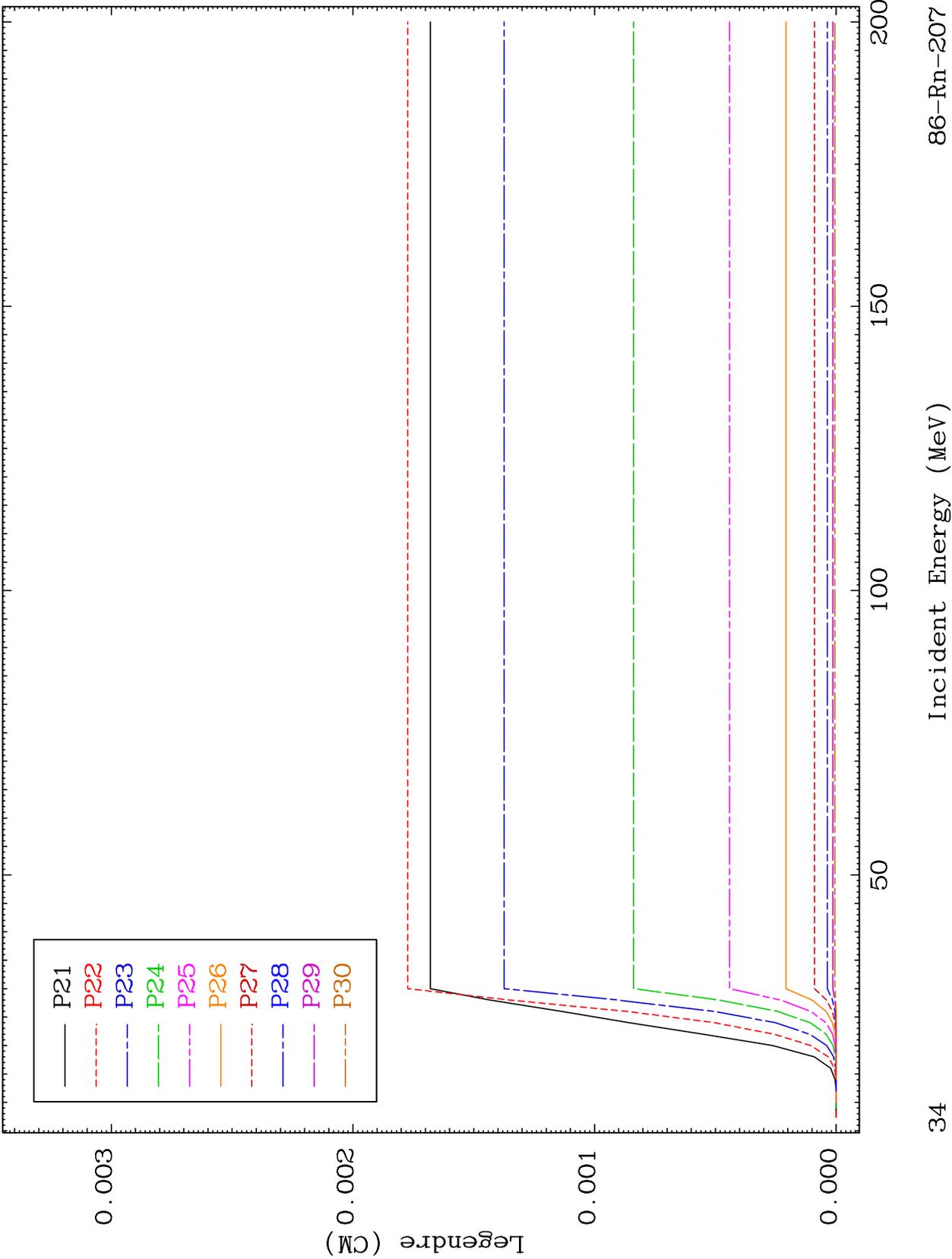
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

86-Rn-207



34

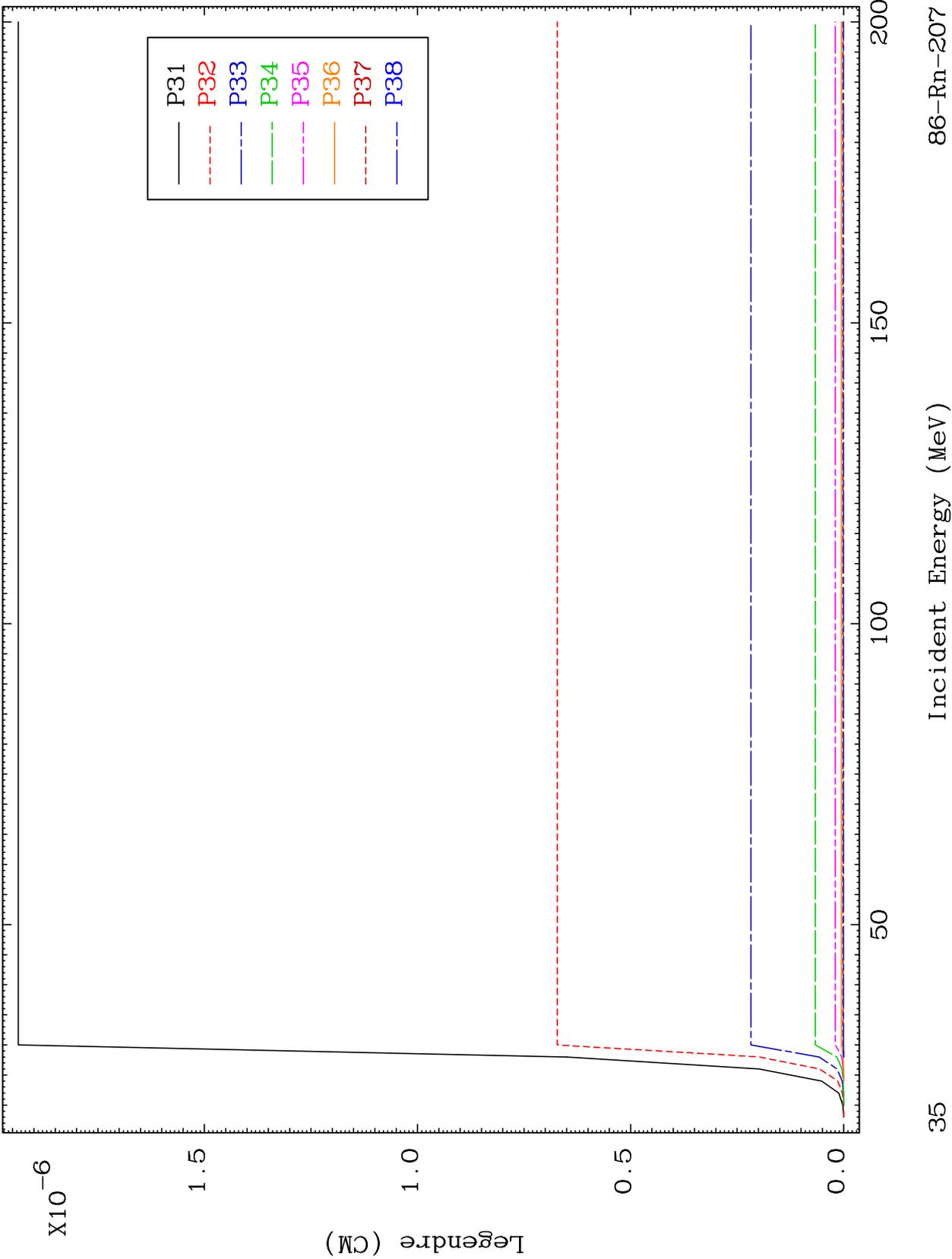
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

86-Rn-207



35

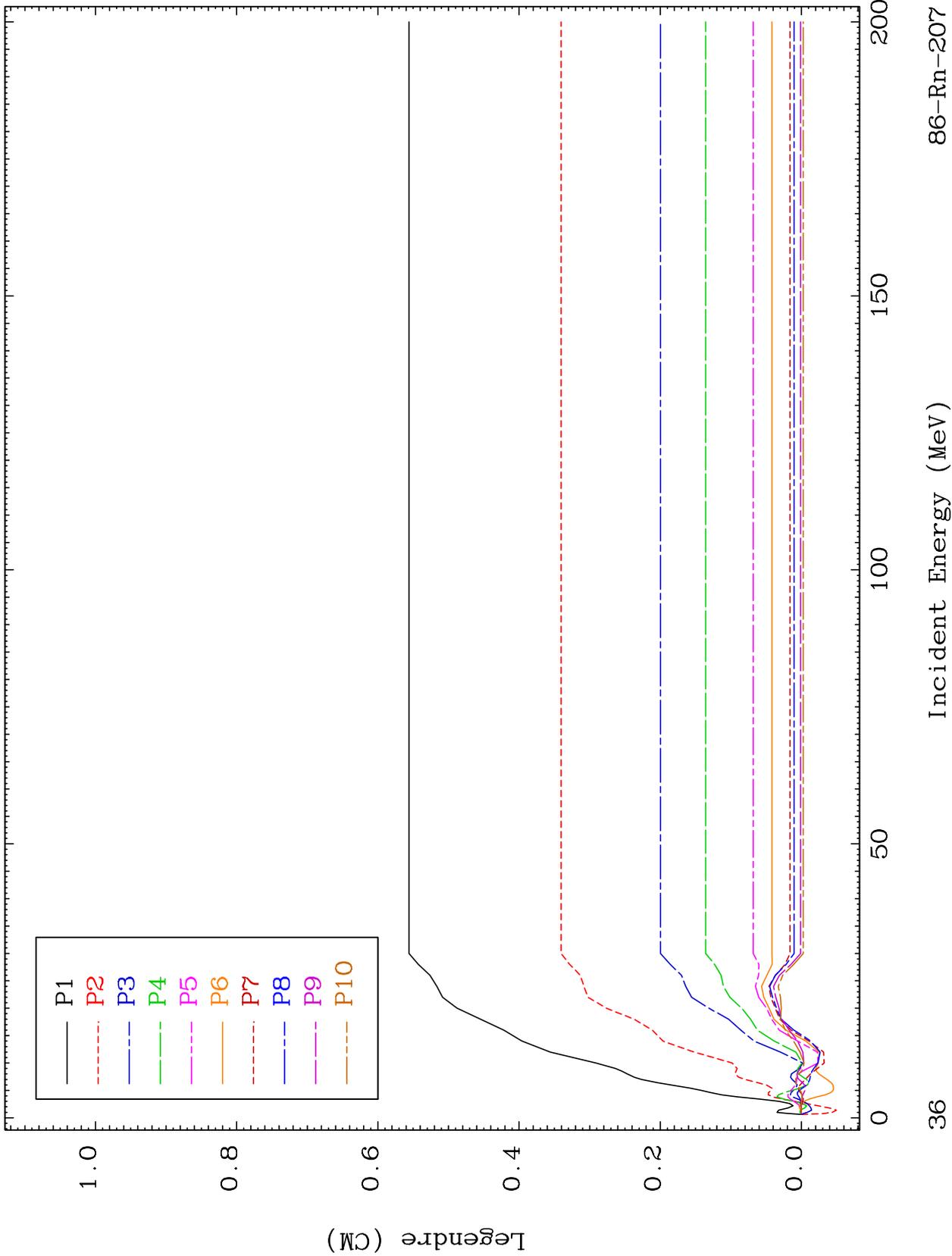
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

86-Rn-207



36

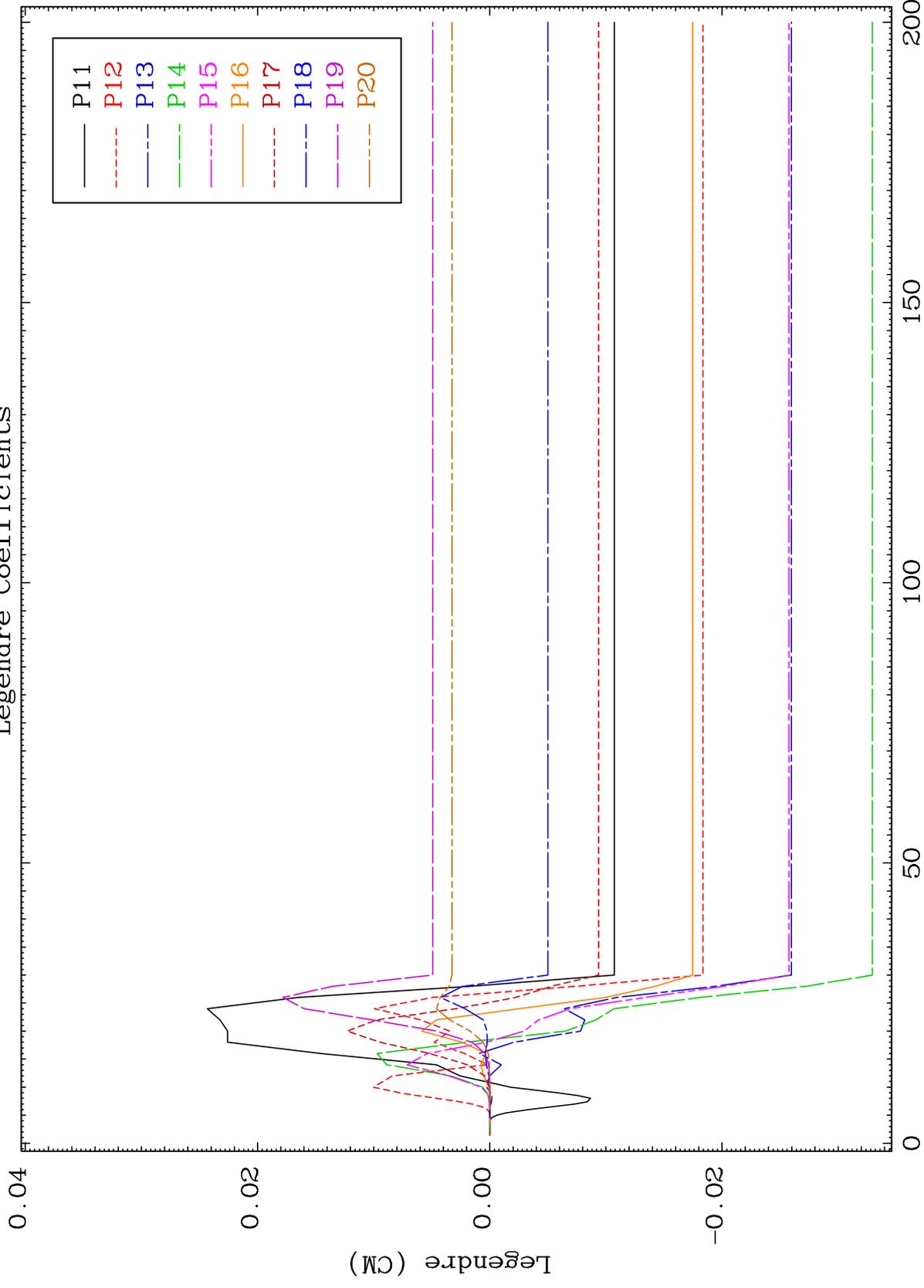
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

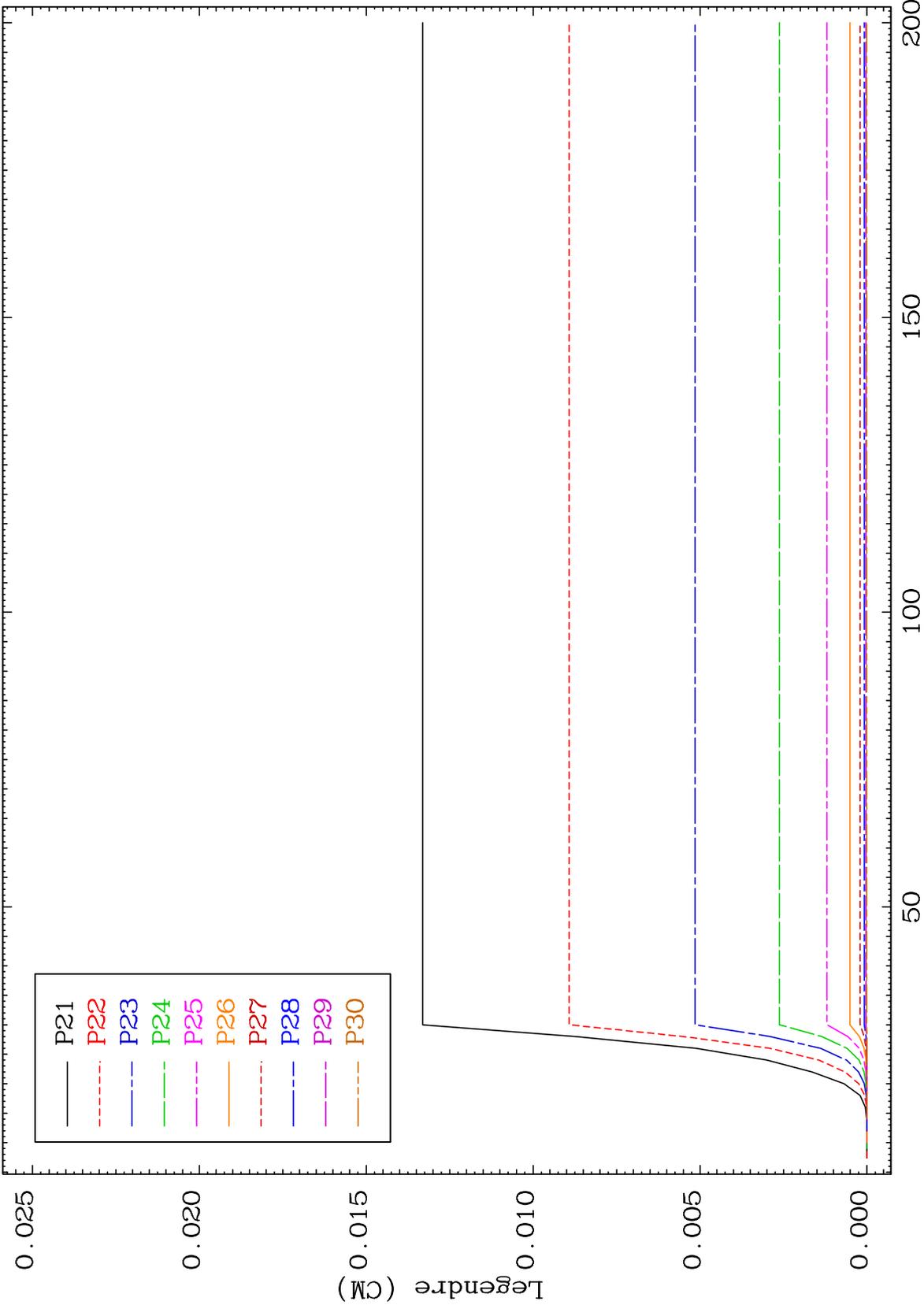
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Incident Energy (MeV)

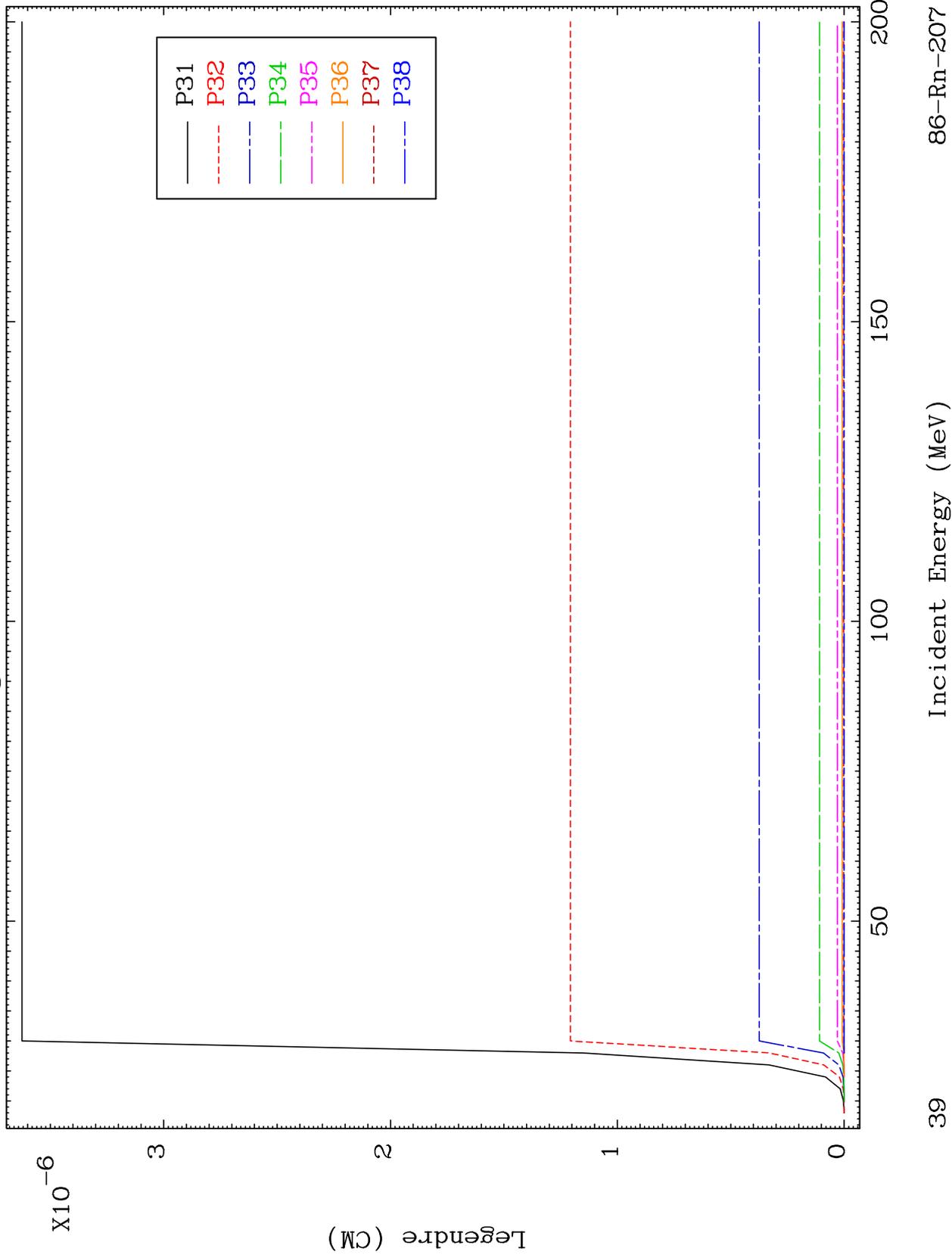
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MAT 8613

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

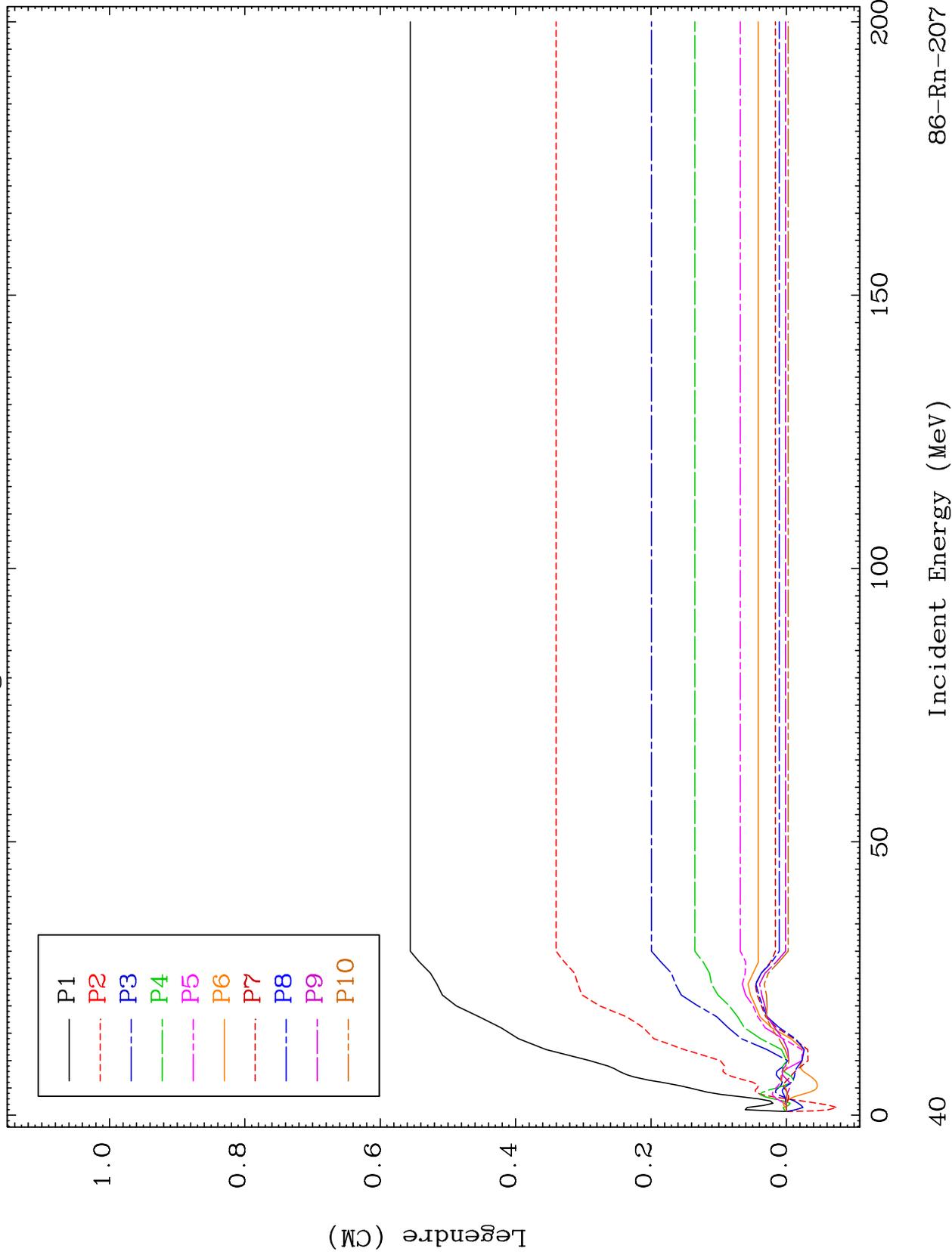
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MAT 8613

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

86-Rn-207



86-Rn-207

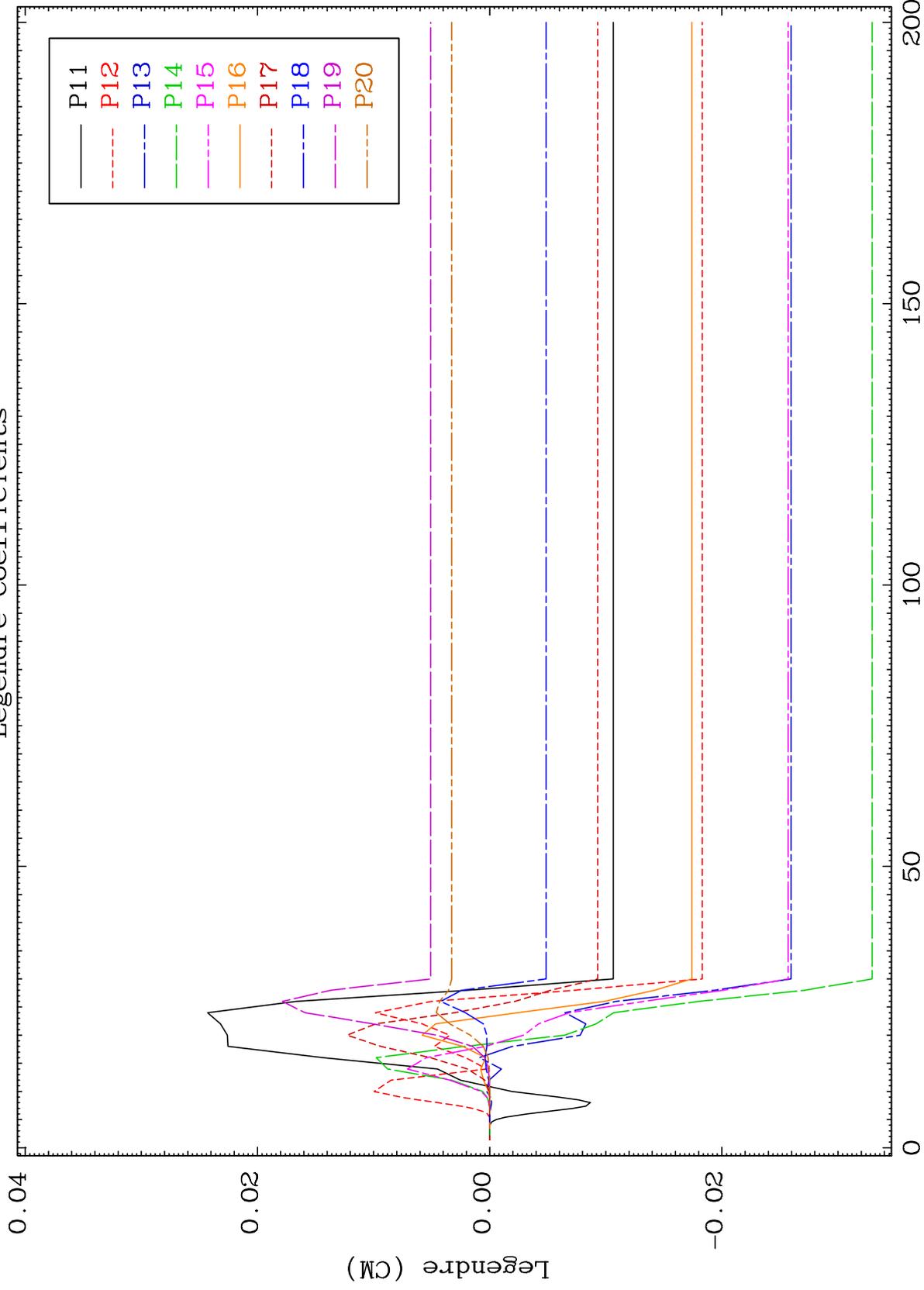
Incident Energy (MeV)

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MAT 8613

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

86-Rn-207



41

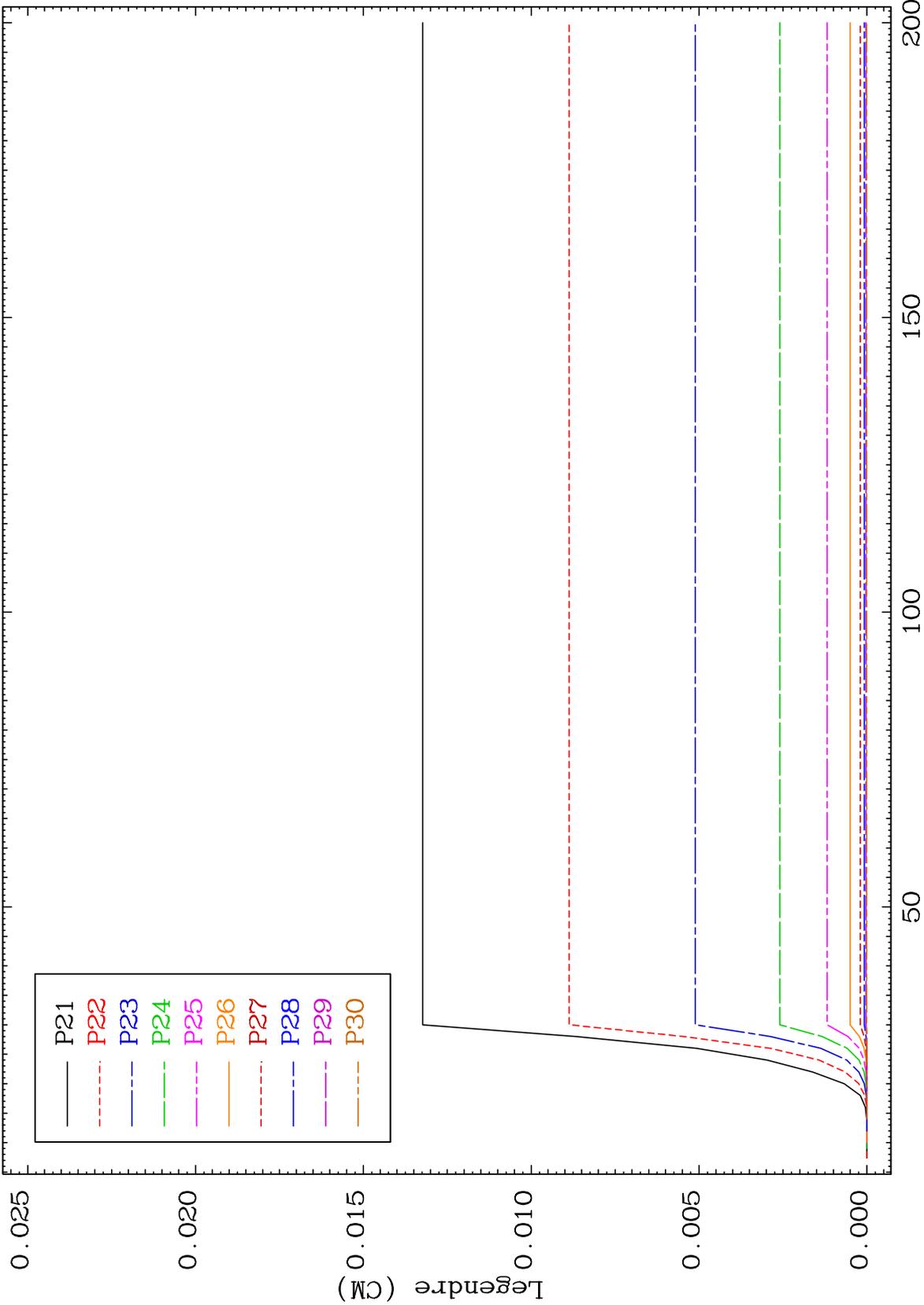
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

86-Rn-207



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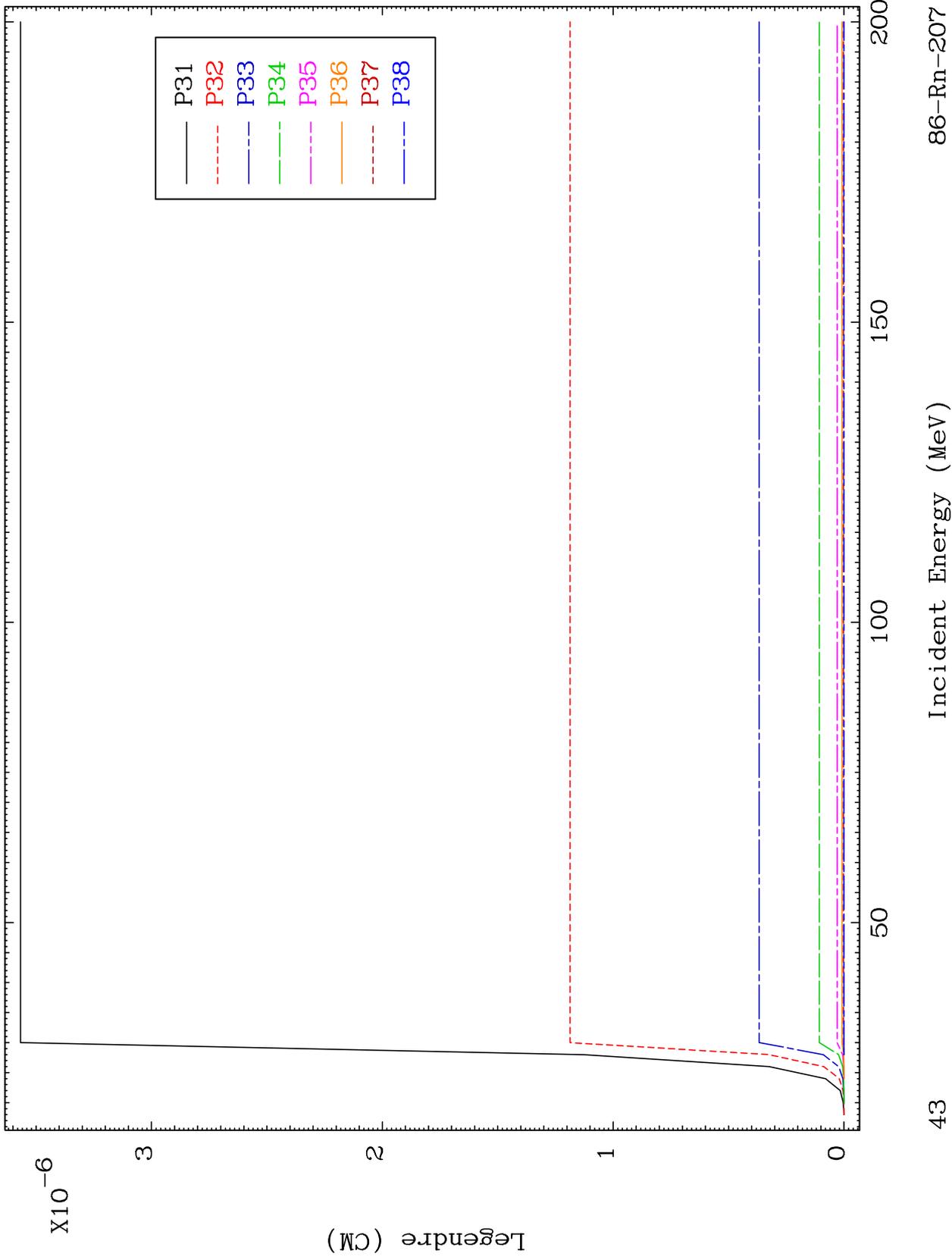
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

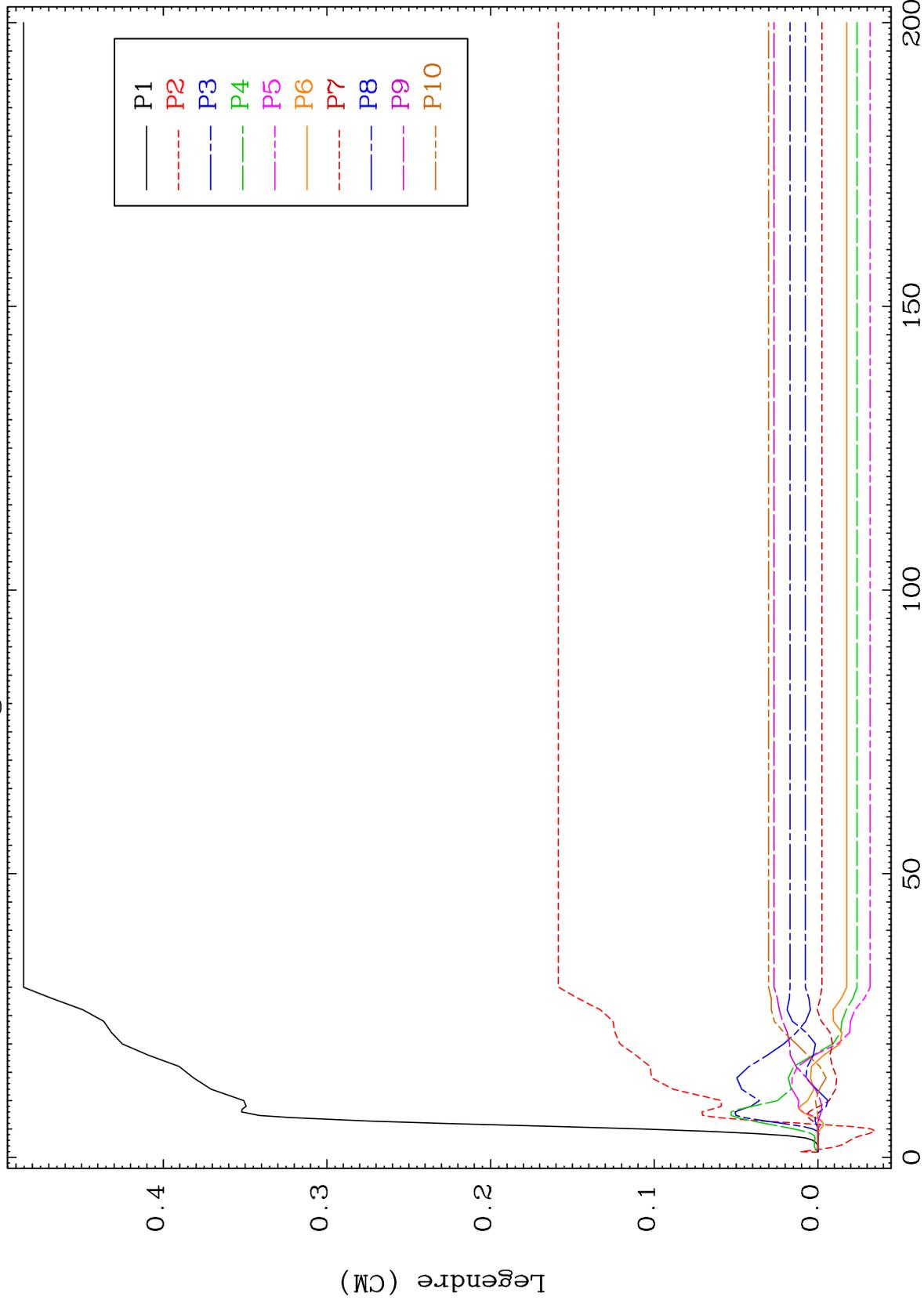
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MAT 8613

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

86-Rn-207



44

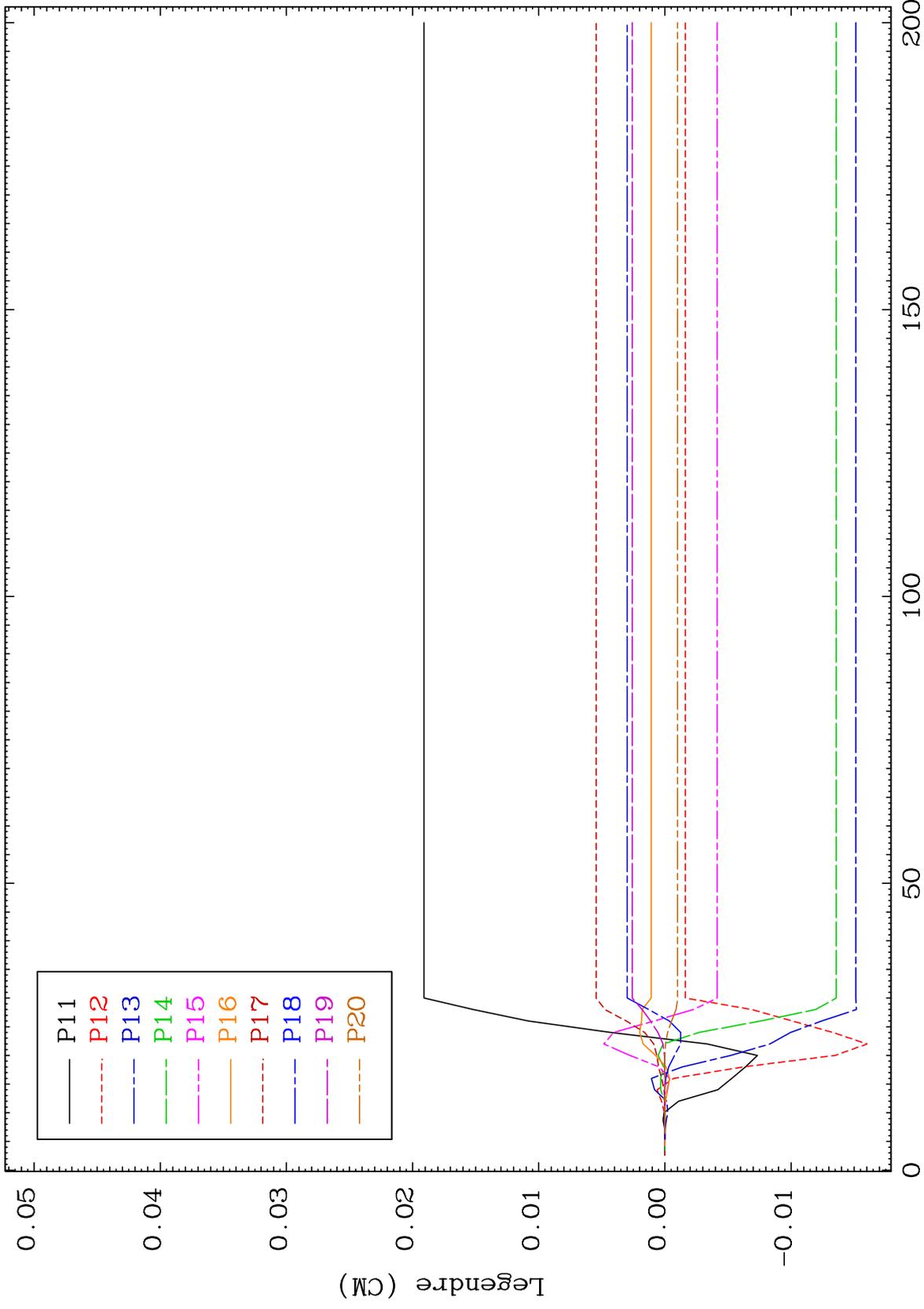
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

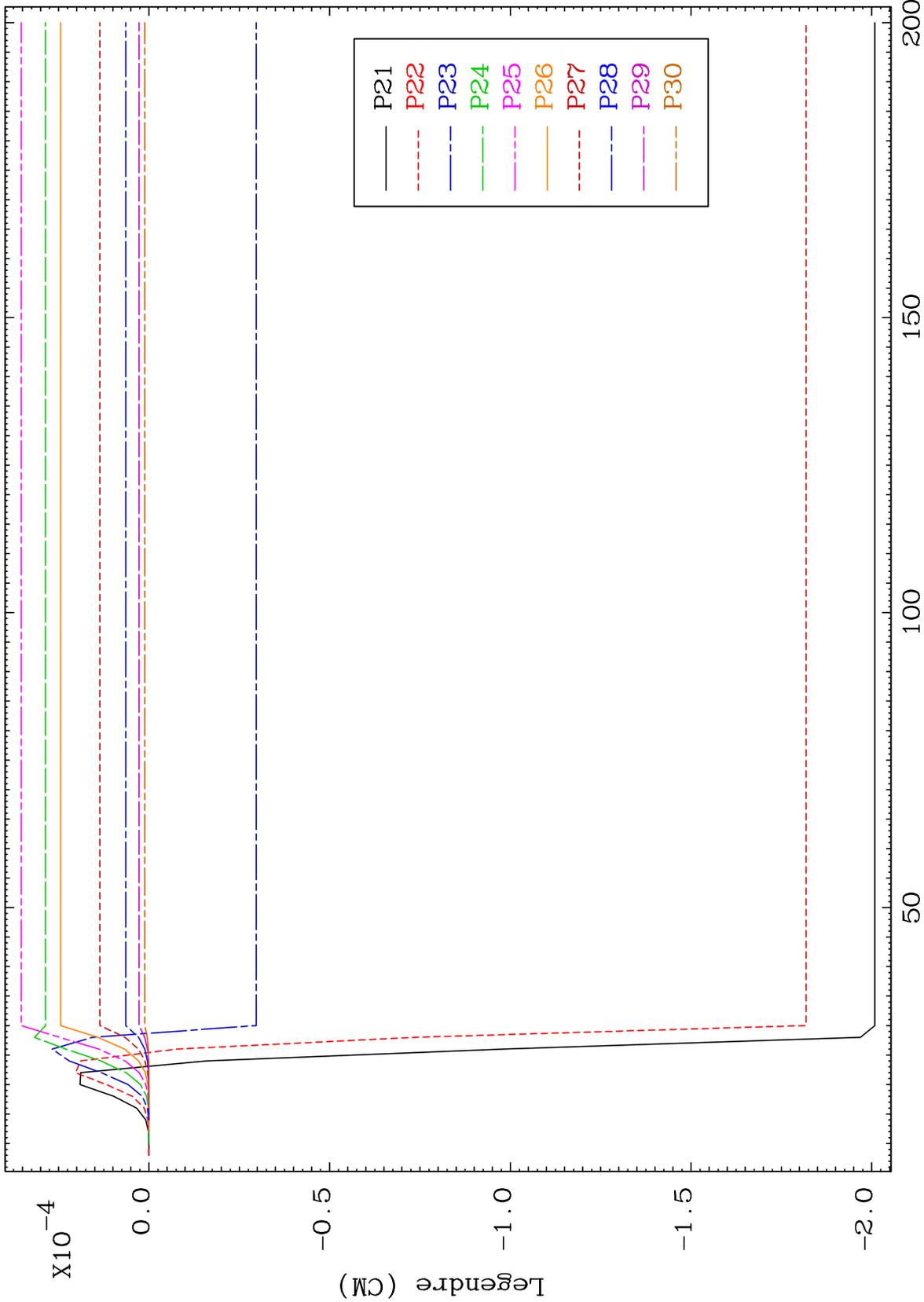
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Incident Energy (MeV)

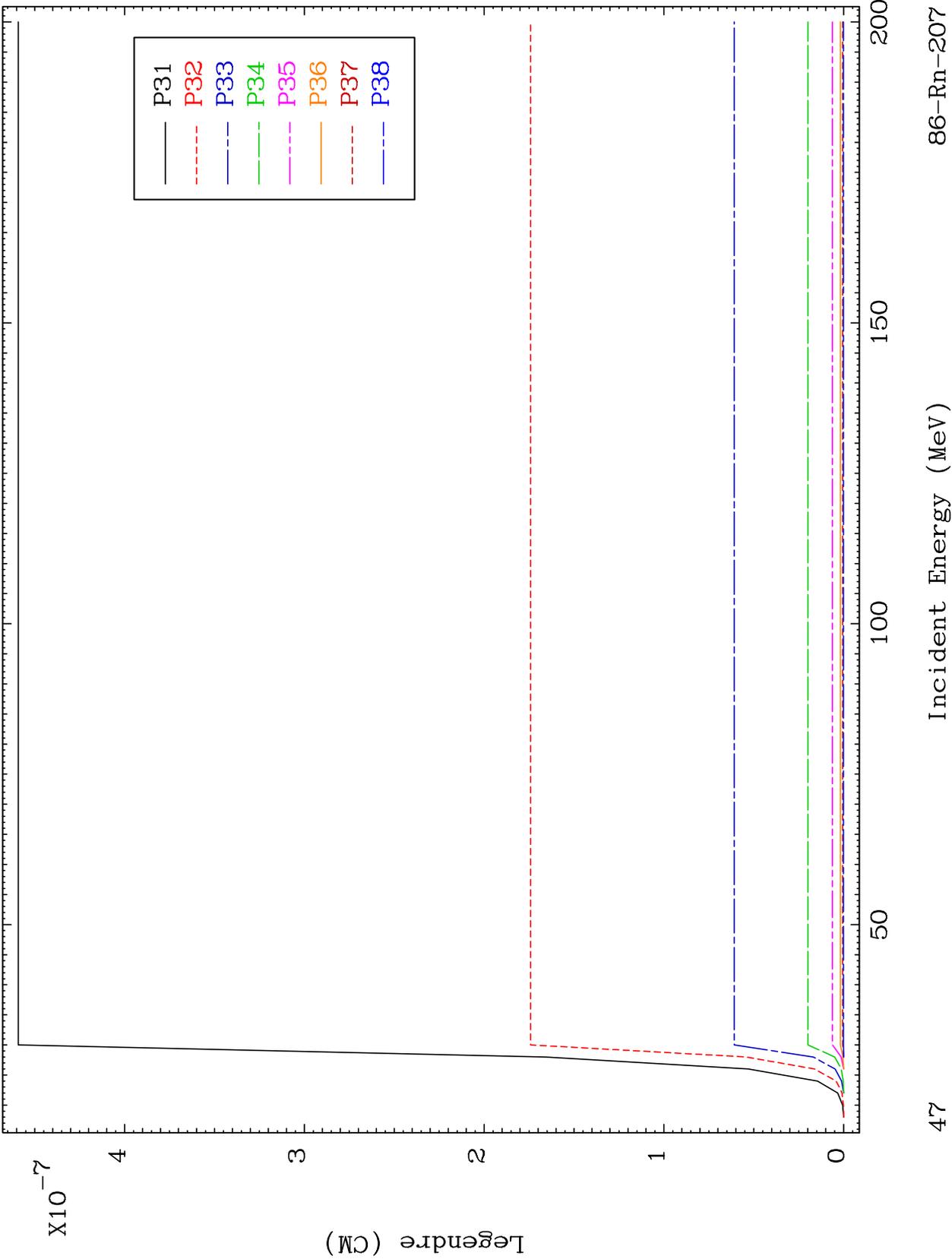
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MAT 8613

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

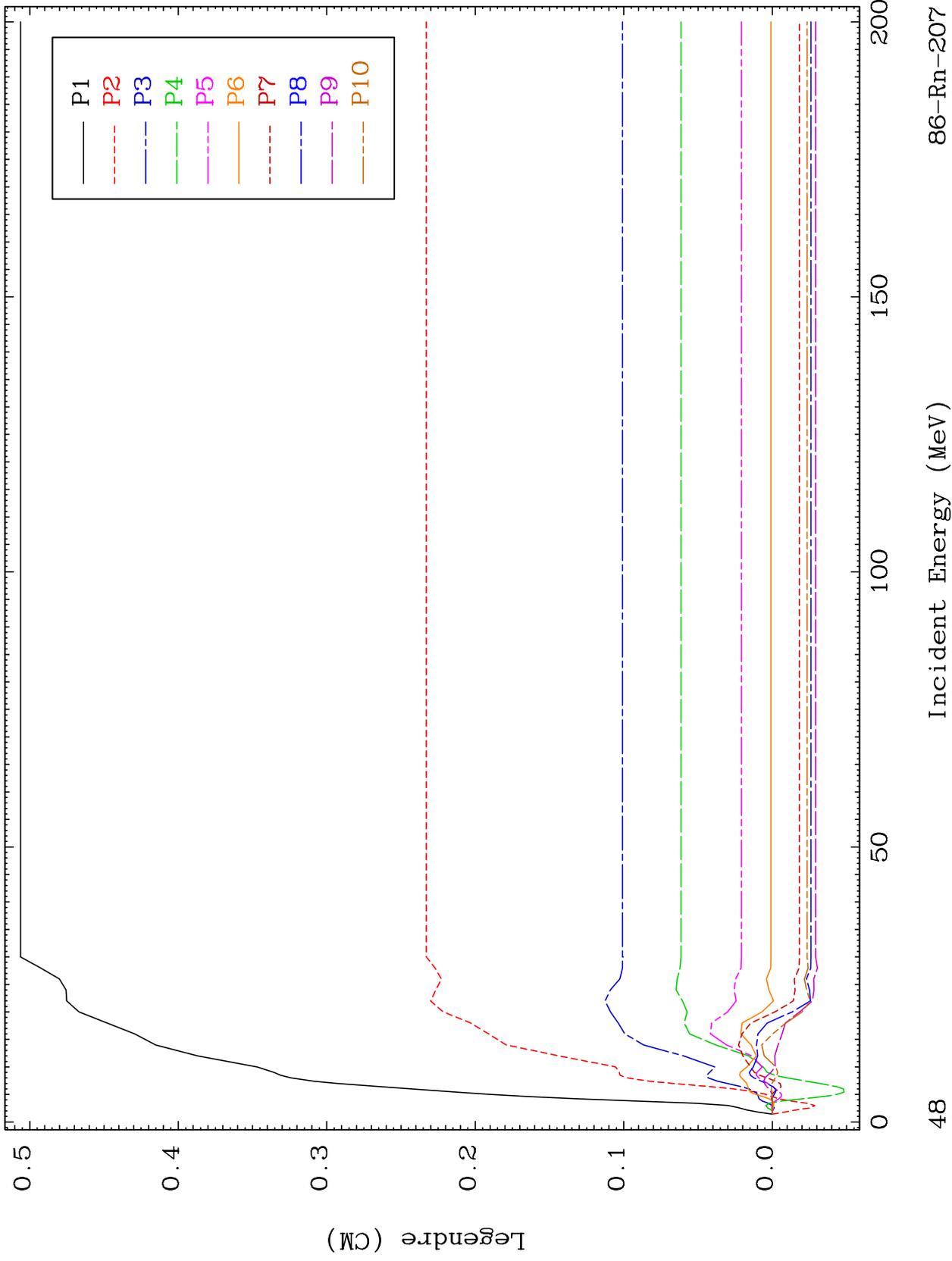
86-Rn-207



MAT 8613

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

86-Rn-207



86-Rn-207

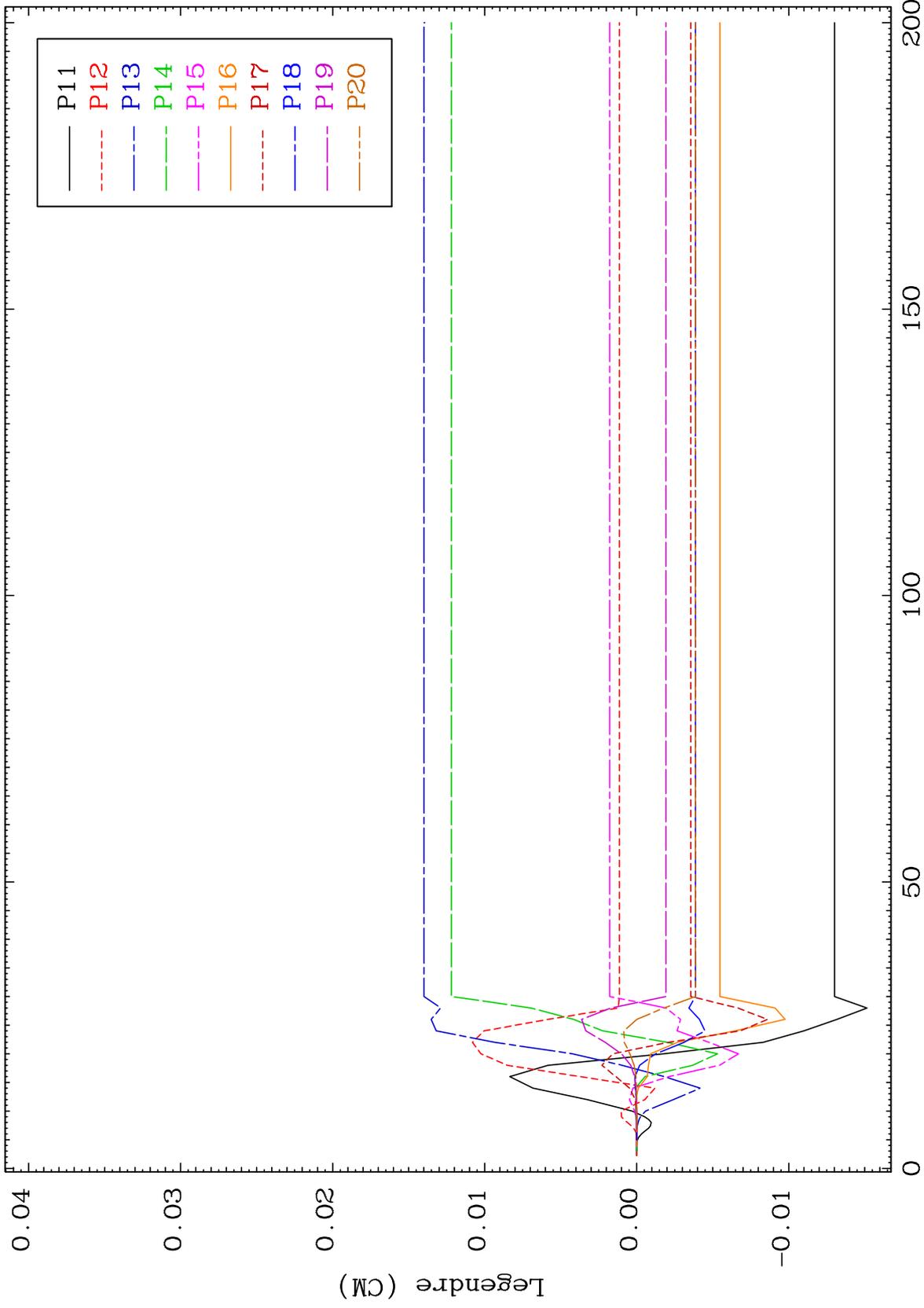
Incident Energy (MeV)

48

MAT 8613

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

86-Rn-207



49

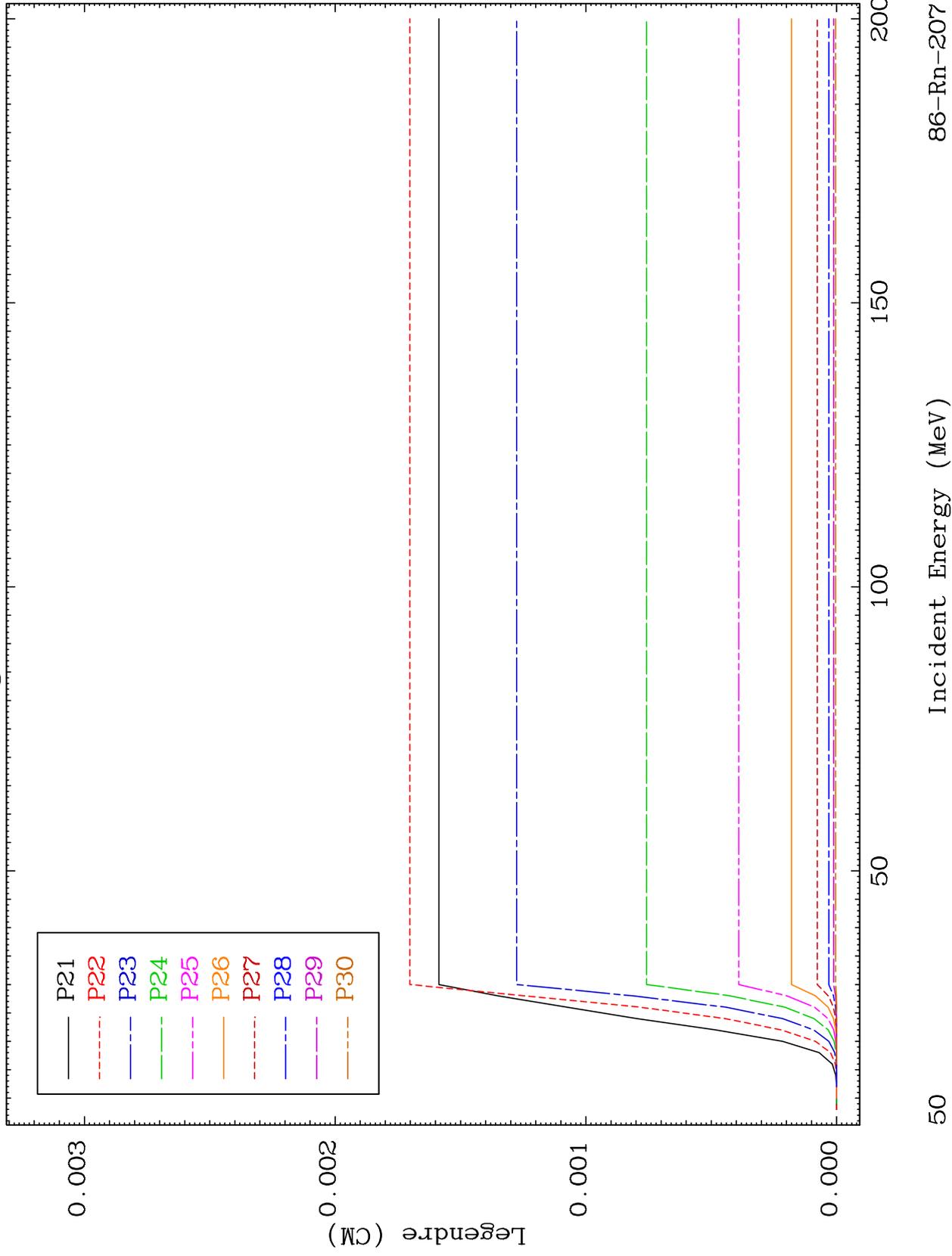
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

86-Rn-207



86-Rn-207

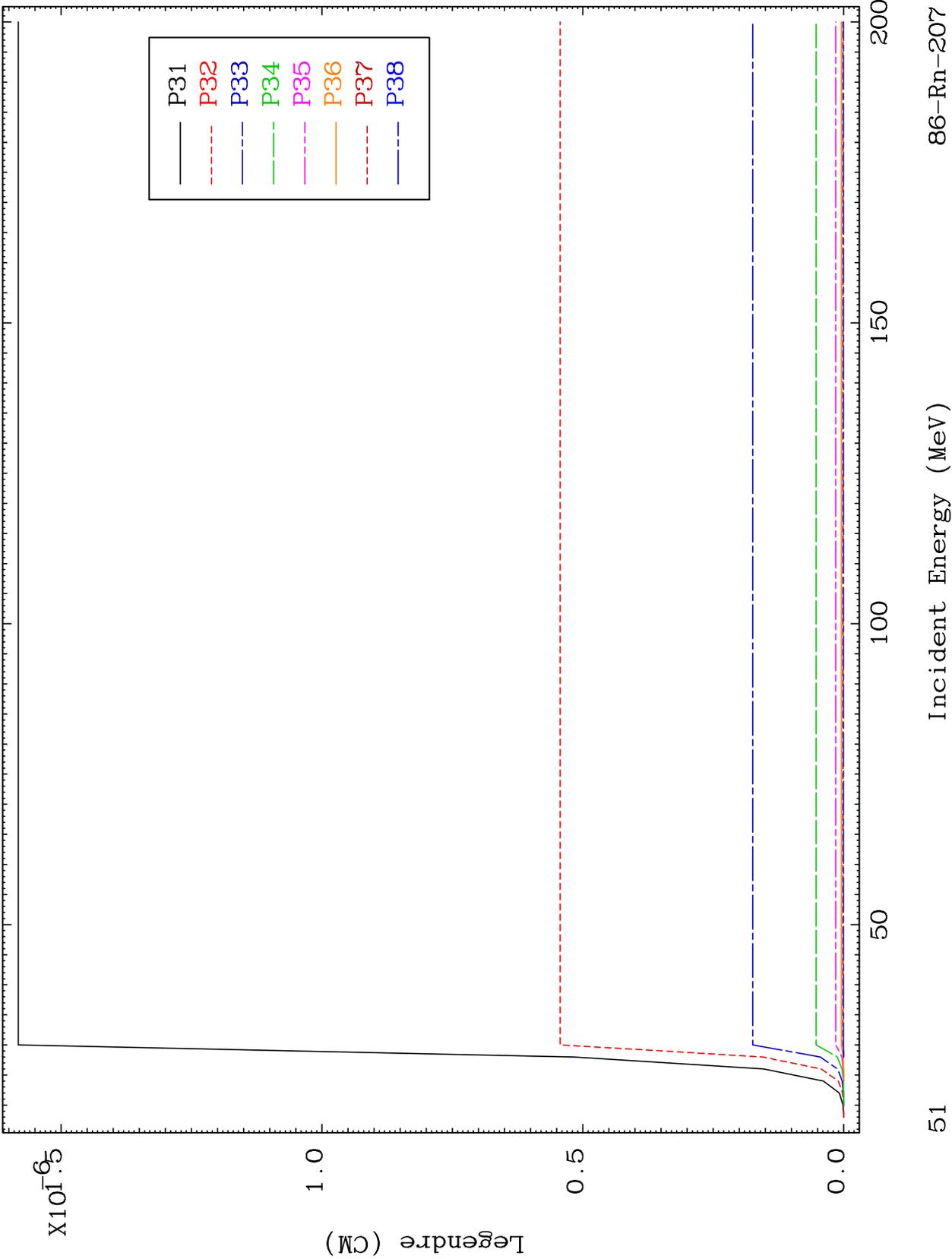
Incident Energy (MeV)

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MAT 8613

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

86-Rn-207

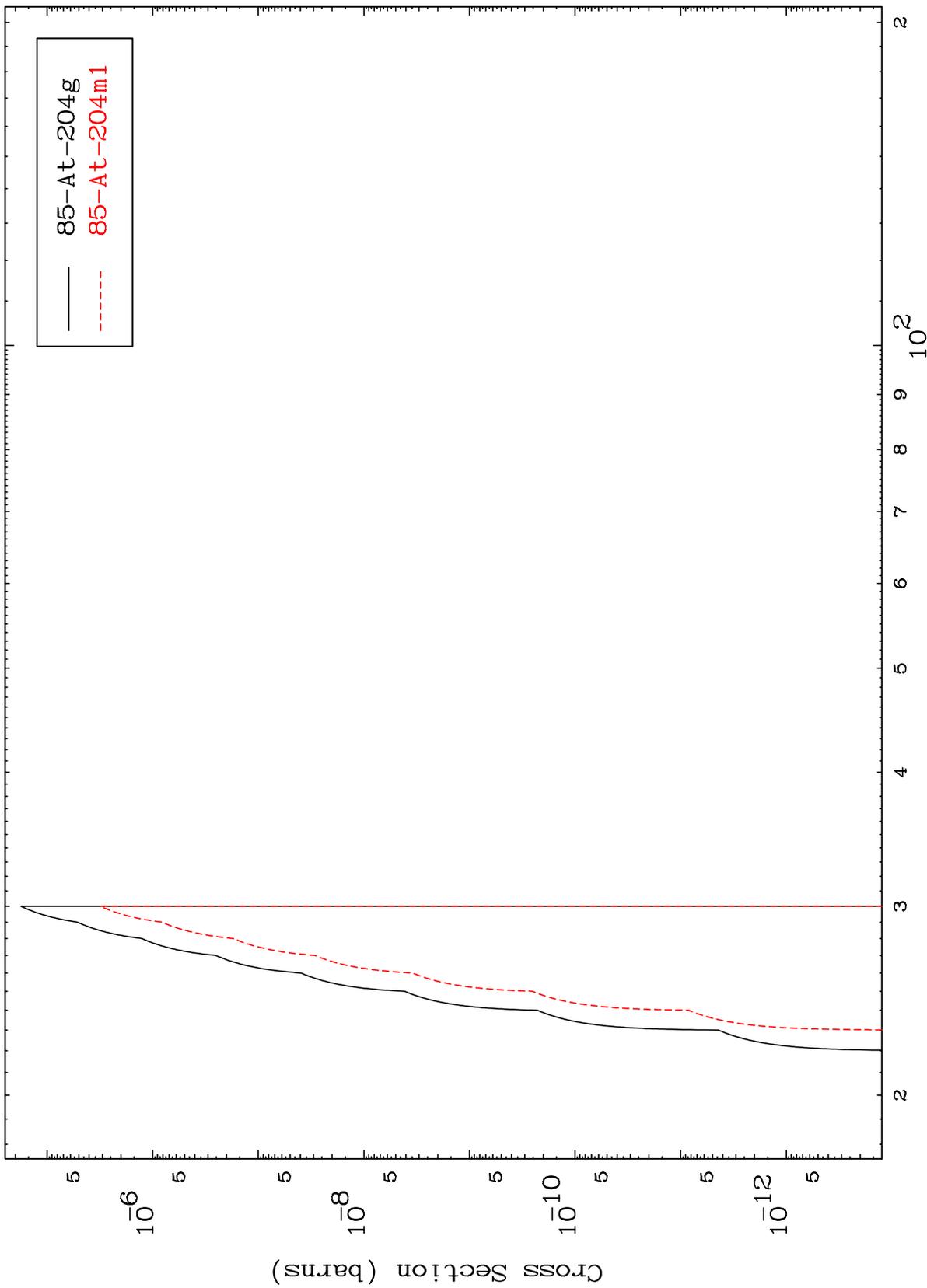


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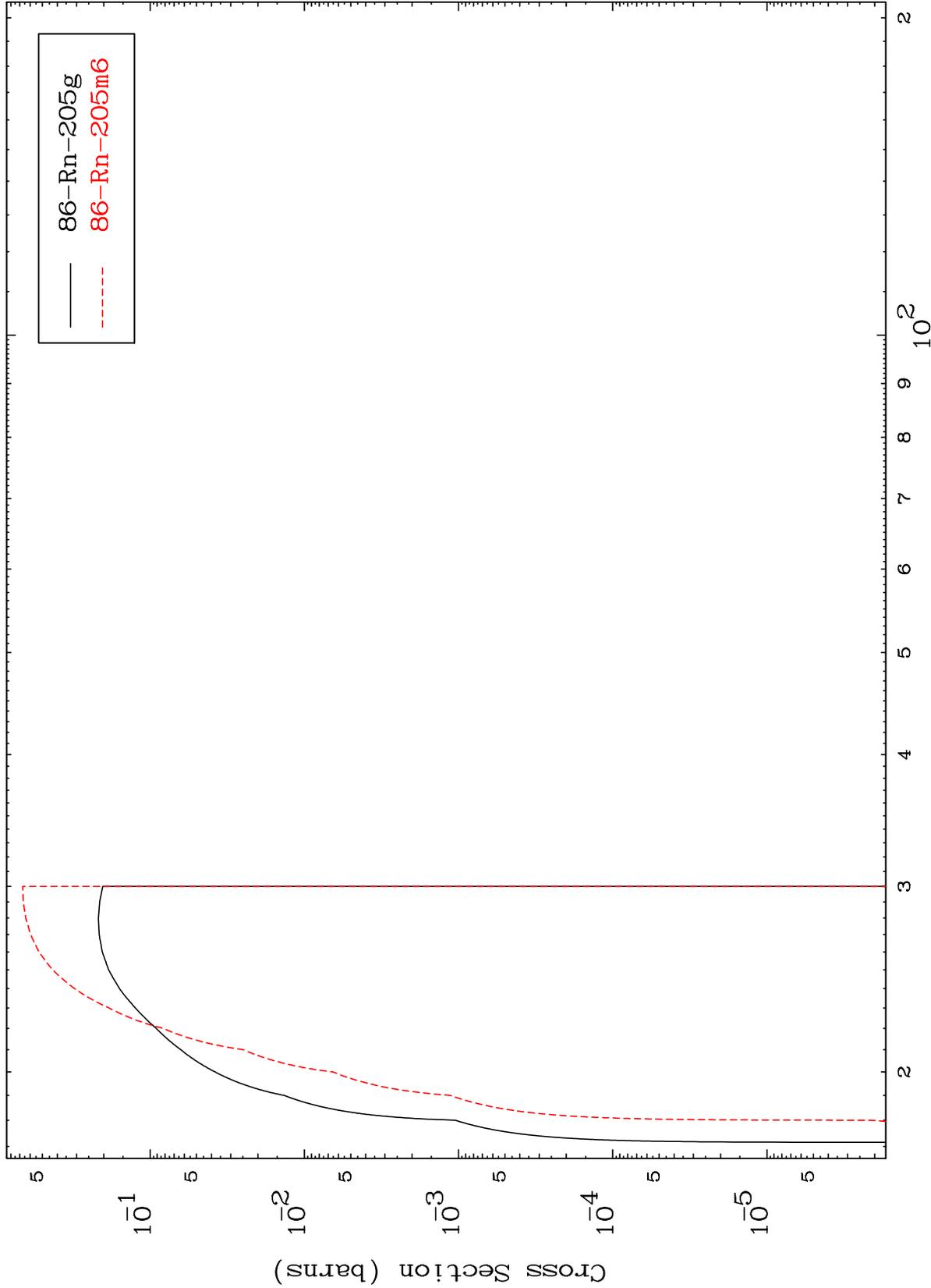
Incident Energy (MeV)

86-Rn-207

Radionuclide Production Cross Section



Radionuclide Production Cross Section



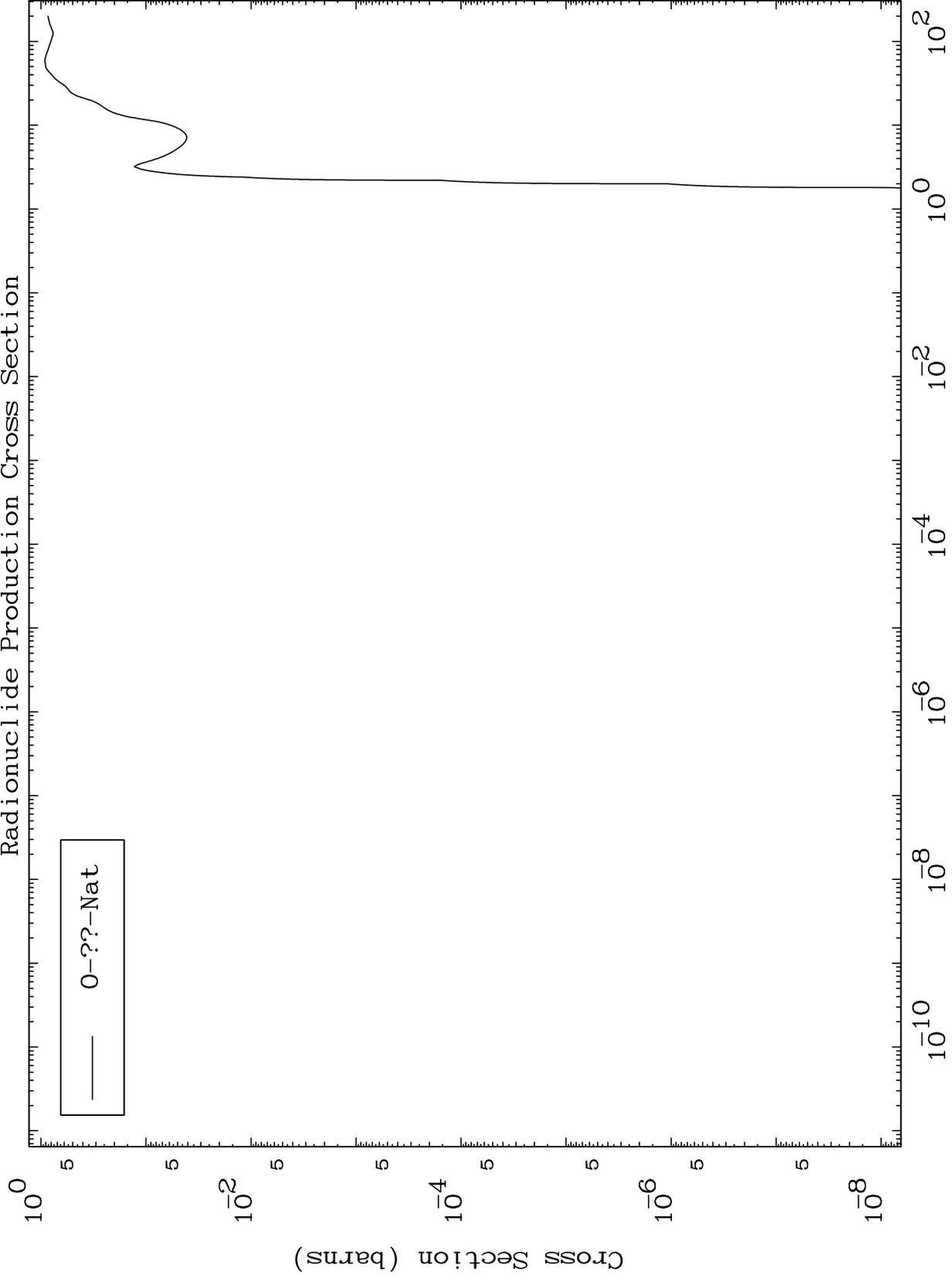
86-Rn-205g
86-Rn-205m6

MAT 8613

Fission

86-Rn-207

Radionuclide Production Cross Section



54

Incident Energy (MeV)

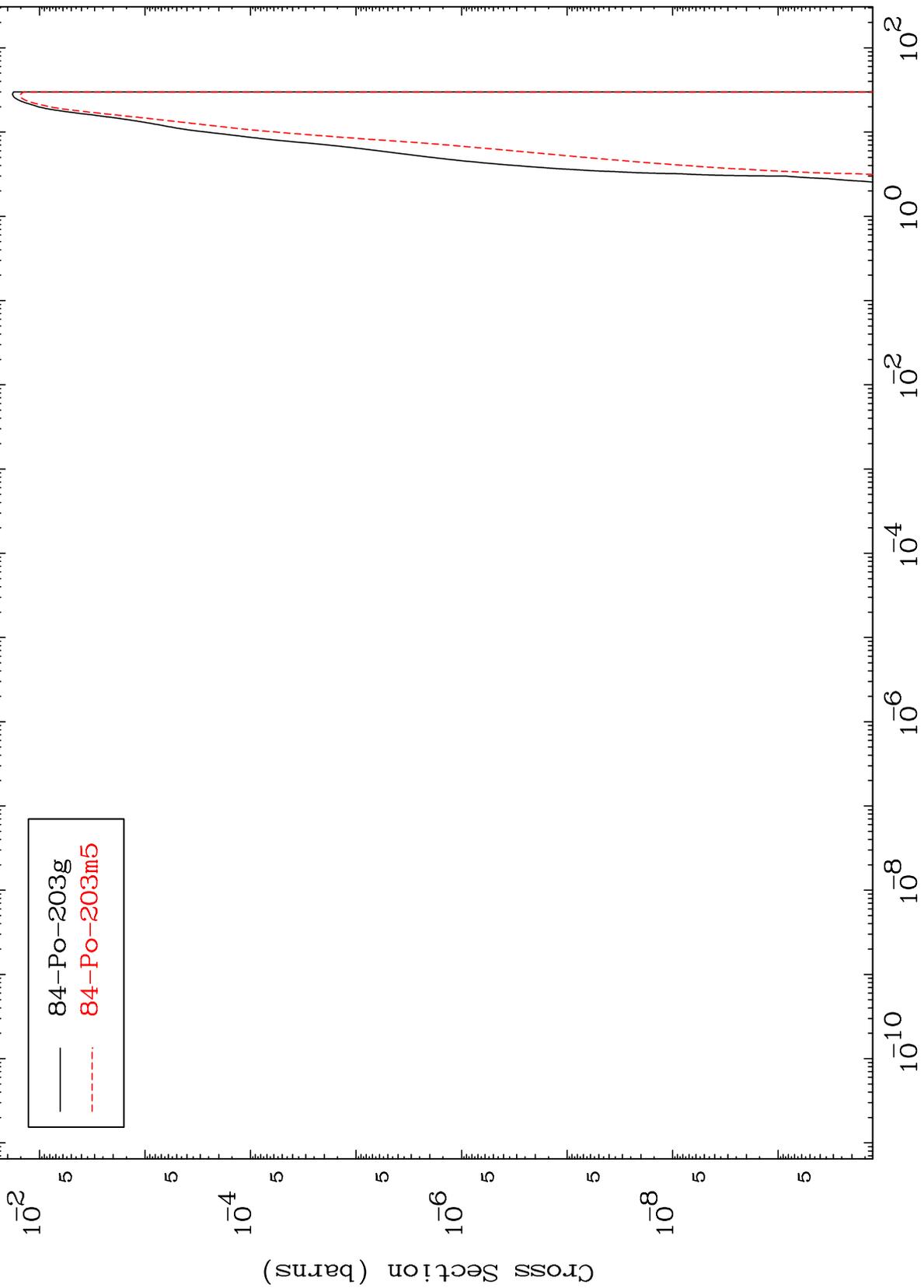
86-Rn-207

MAT 8613

$(n, n') \alpha$

86-Rn-207

Radionuclide Production Cross Section



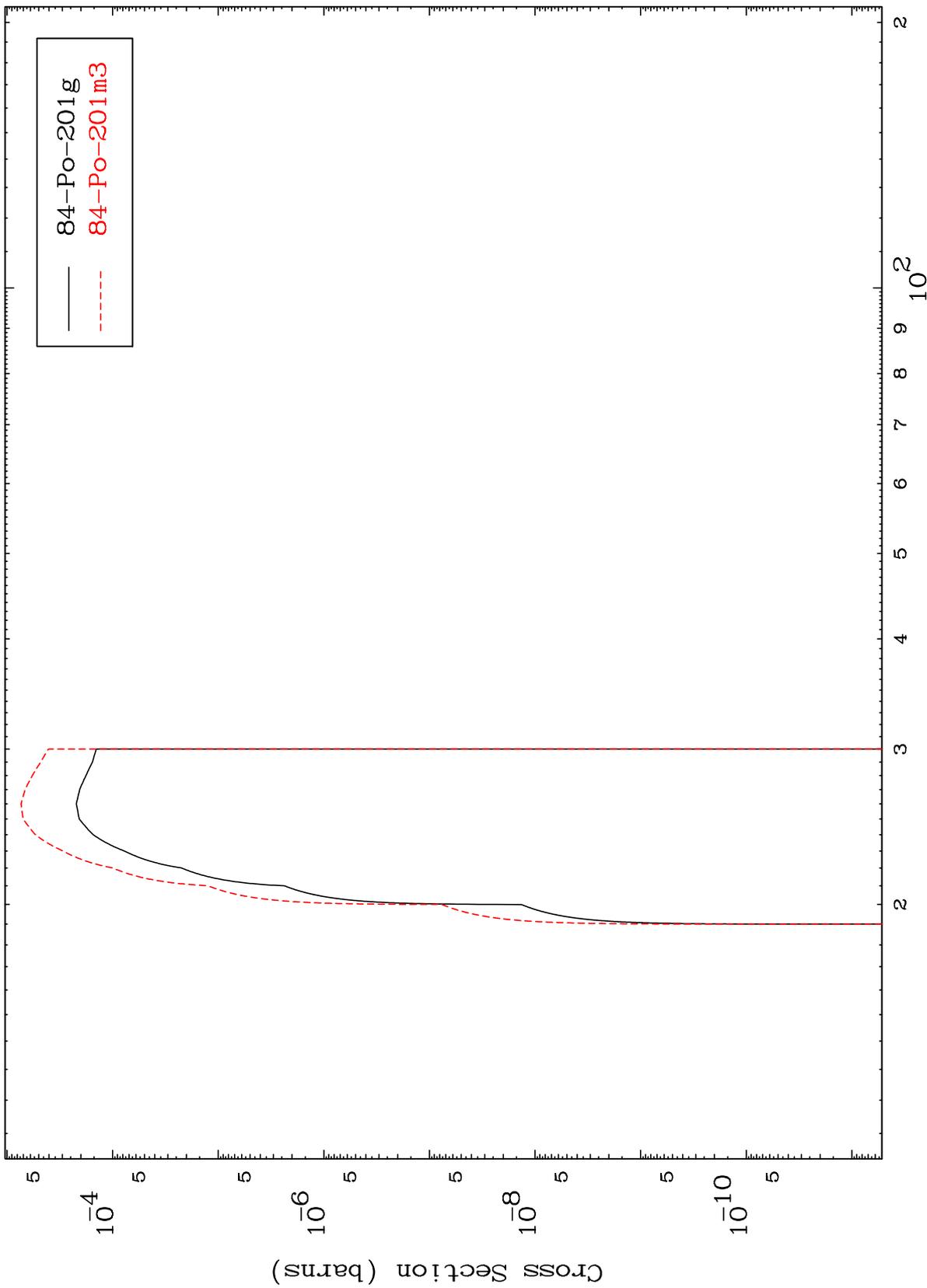
84-Po-203g
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55

Incident Energy (MeV)

86-Rn-207

Radionuclide Production Cross Section

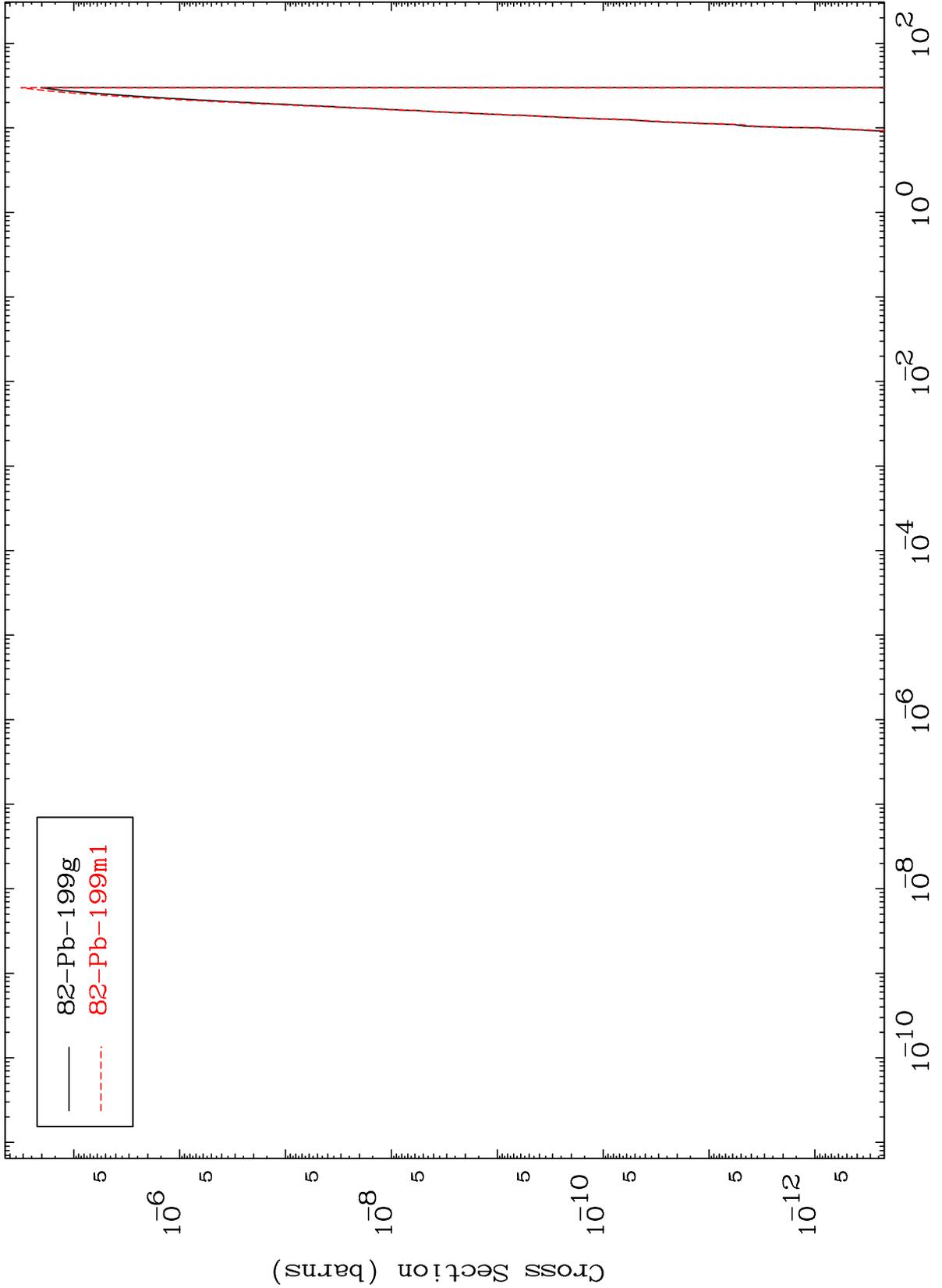


MAT 8613

(n,n') 2 α

86-Rn-207

Radionuclide Production Cross Section

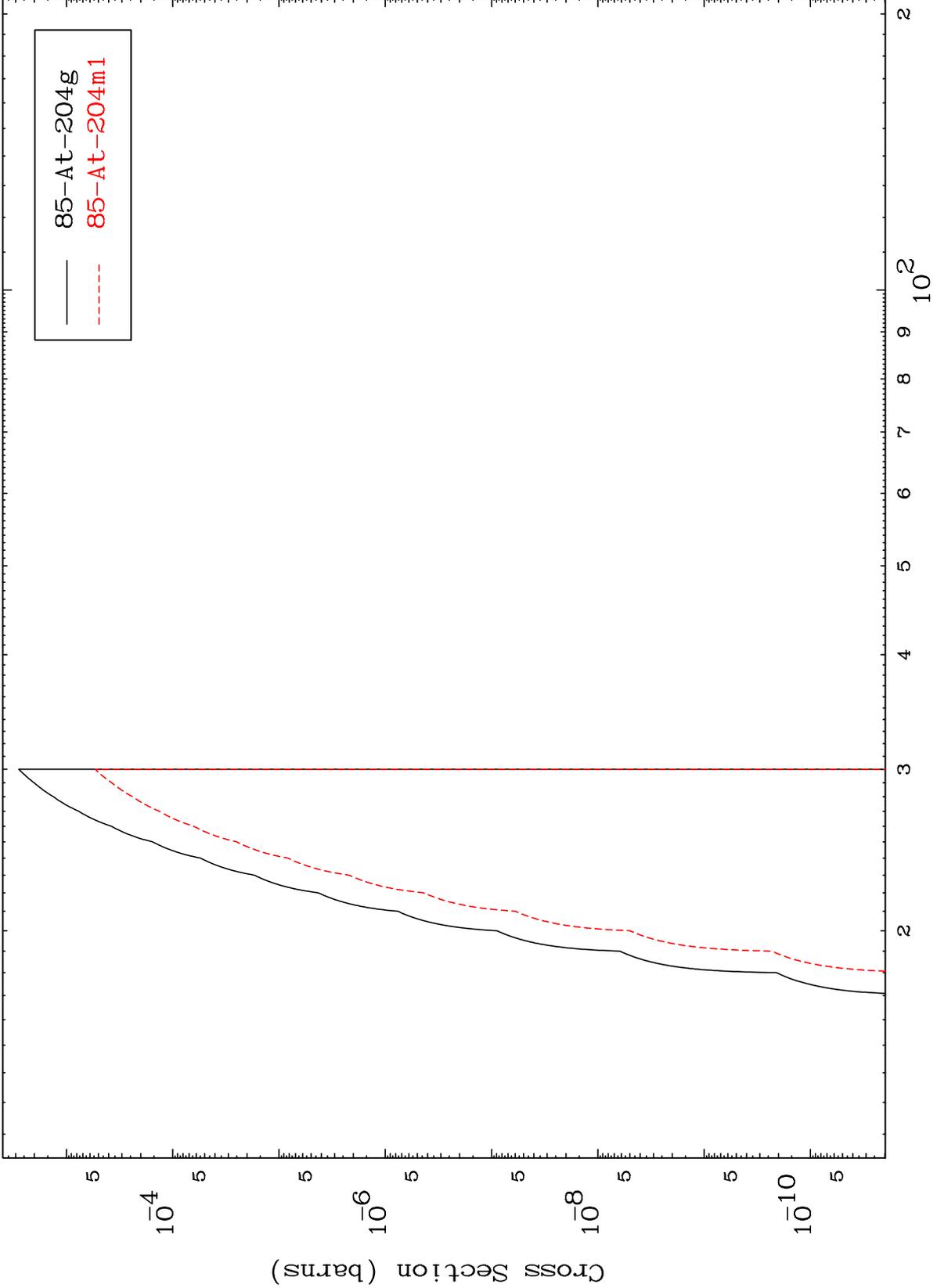


MAT 8613

(n,n') t

86-Rn-207

Radionuclide Production Cross Section



58

Incident Energy (MeV)

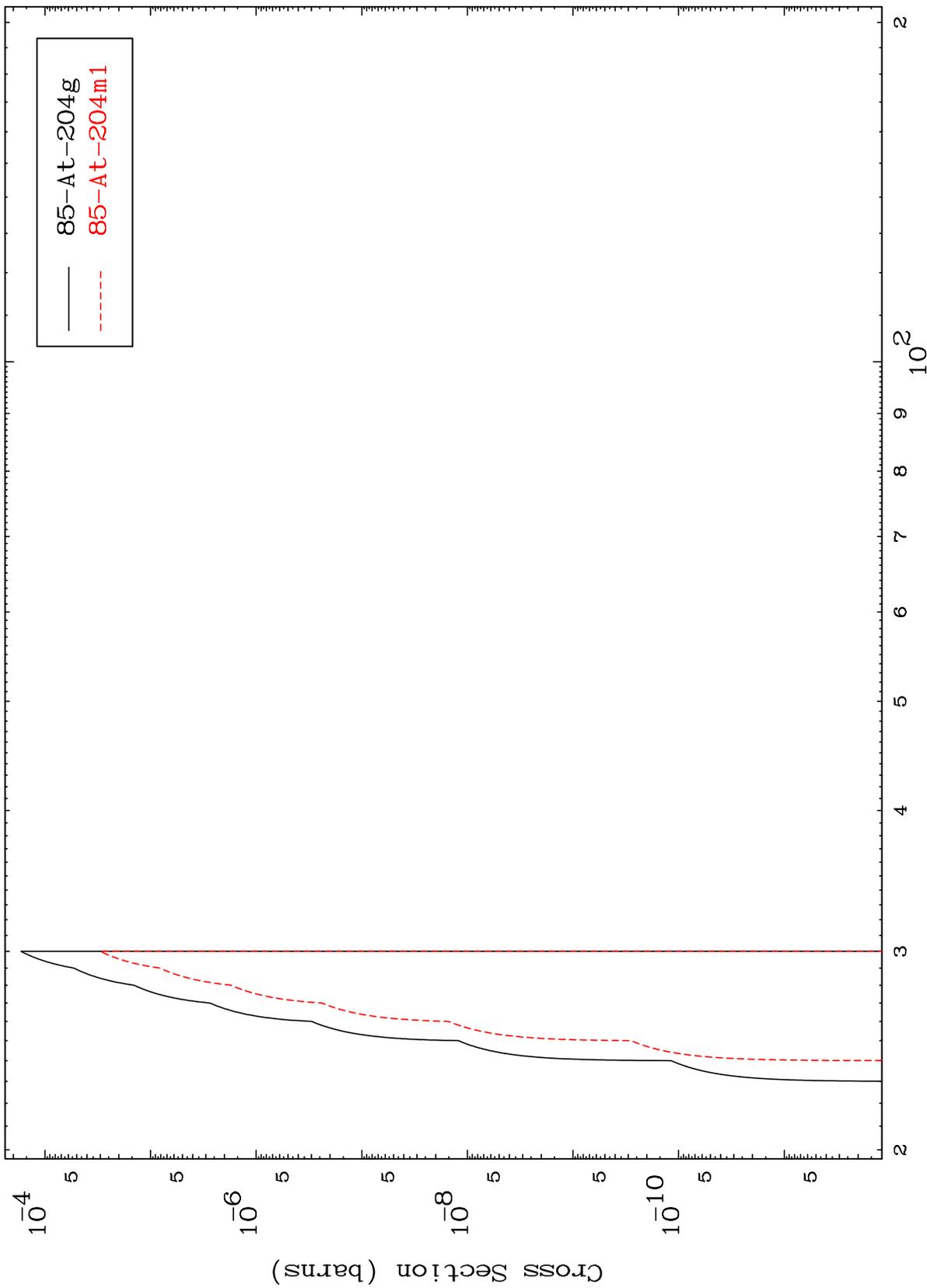
86-Rn-207

MAT 8613

(n,3n) p

86-Rn-207

Radionuclide Production Cross Section



59

Incident Energy (MeV)

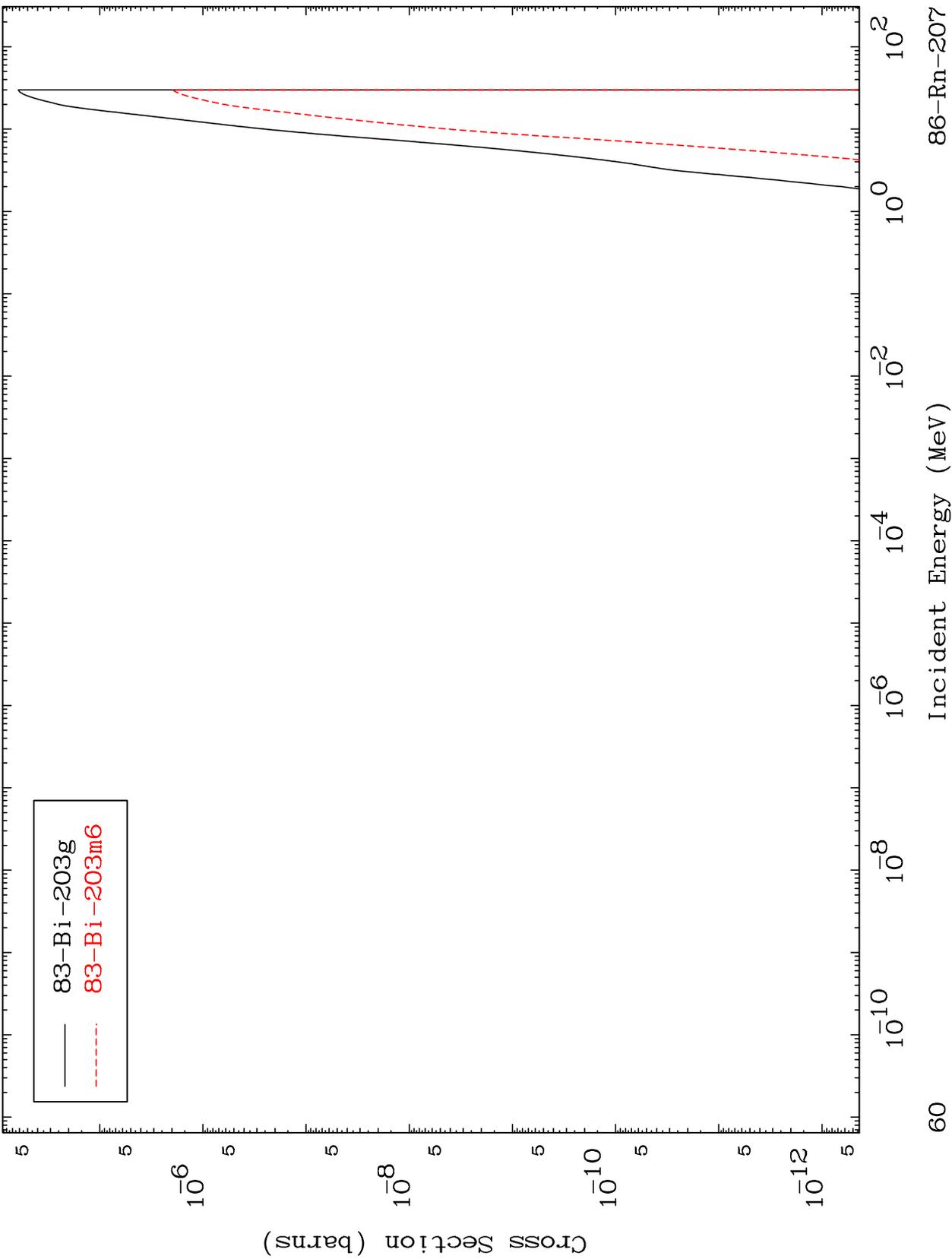
86-Rn-207

MAT 8613

(n,p) α

86-Rn-207

Radionuclide Production Cross Section



60