

Program EVALPLOT
(Version 2021-1)

by

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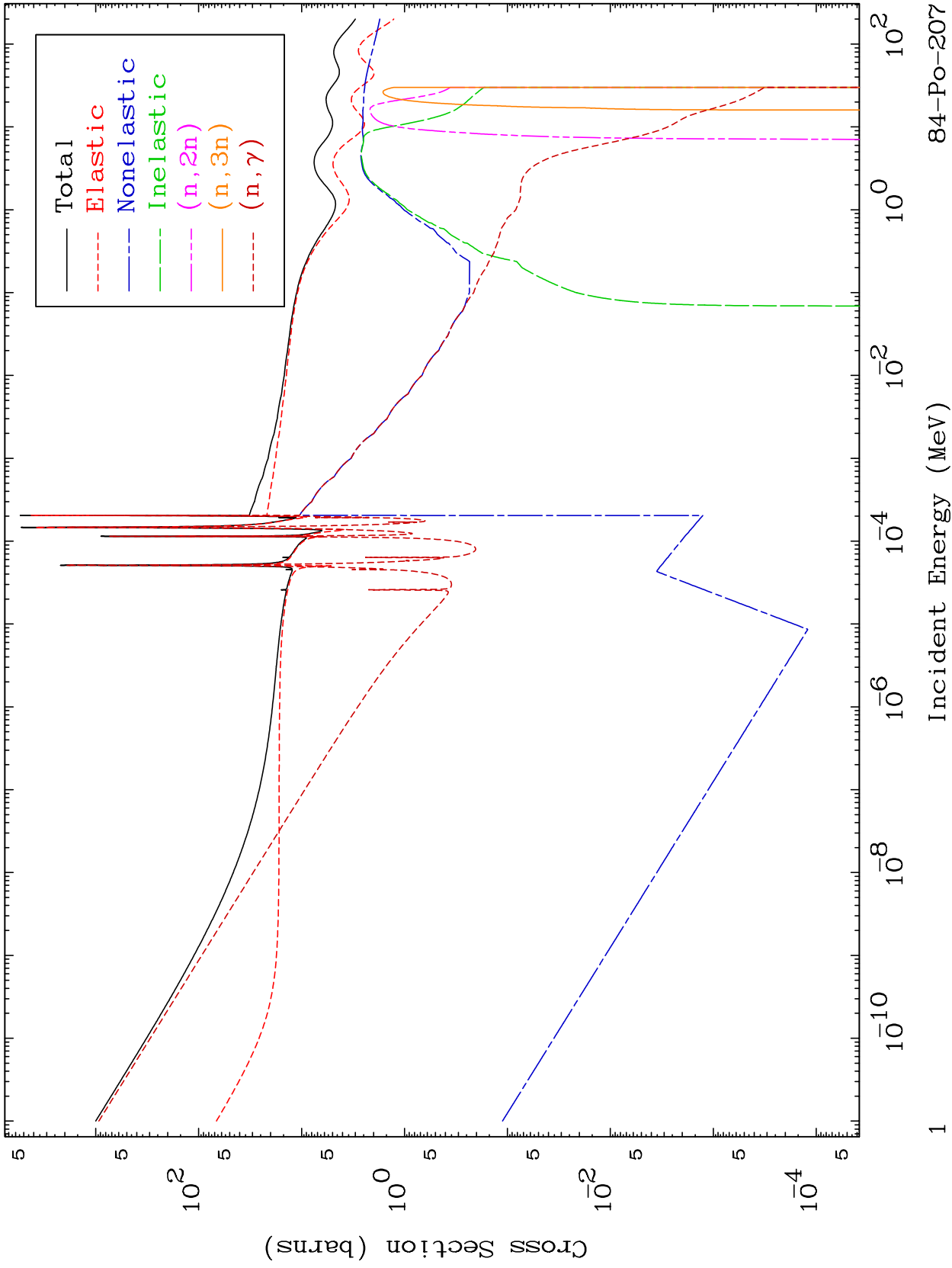
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Press Mouse Button to Start

MAT 8428

Neutron Major
293 Kelvin Cross Sections

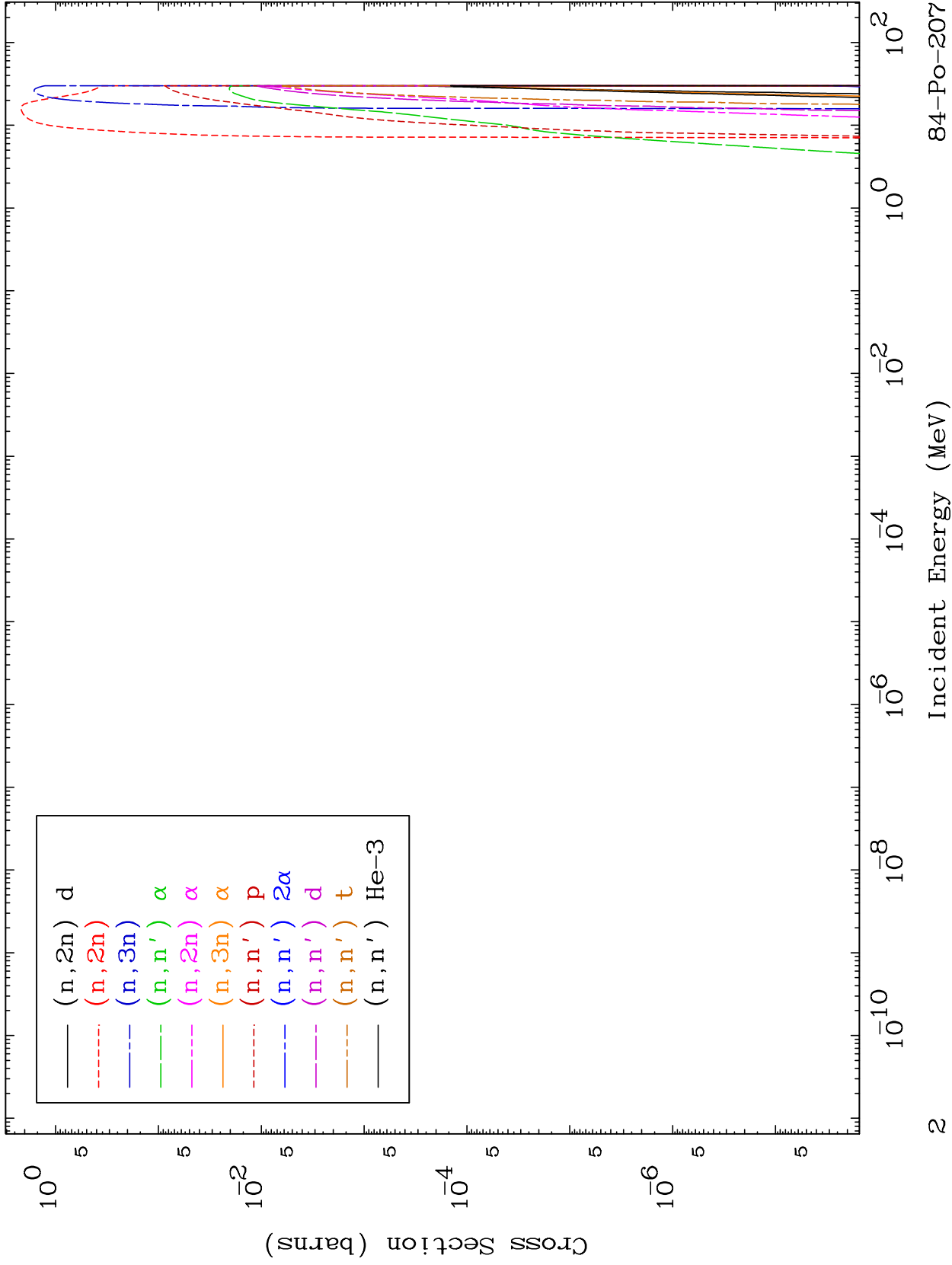
84-Po-207



MAT 8428

Neutron Absorption
293 Kelvin Cross Sections

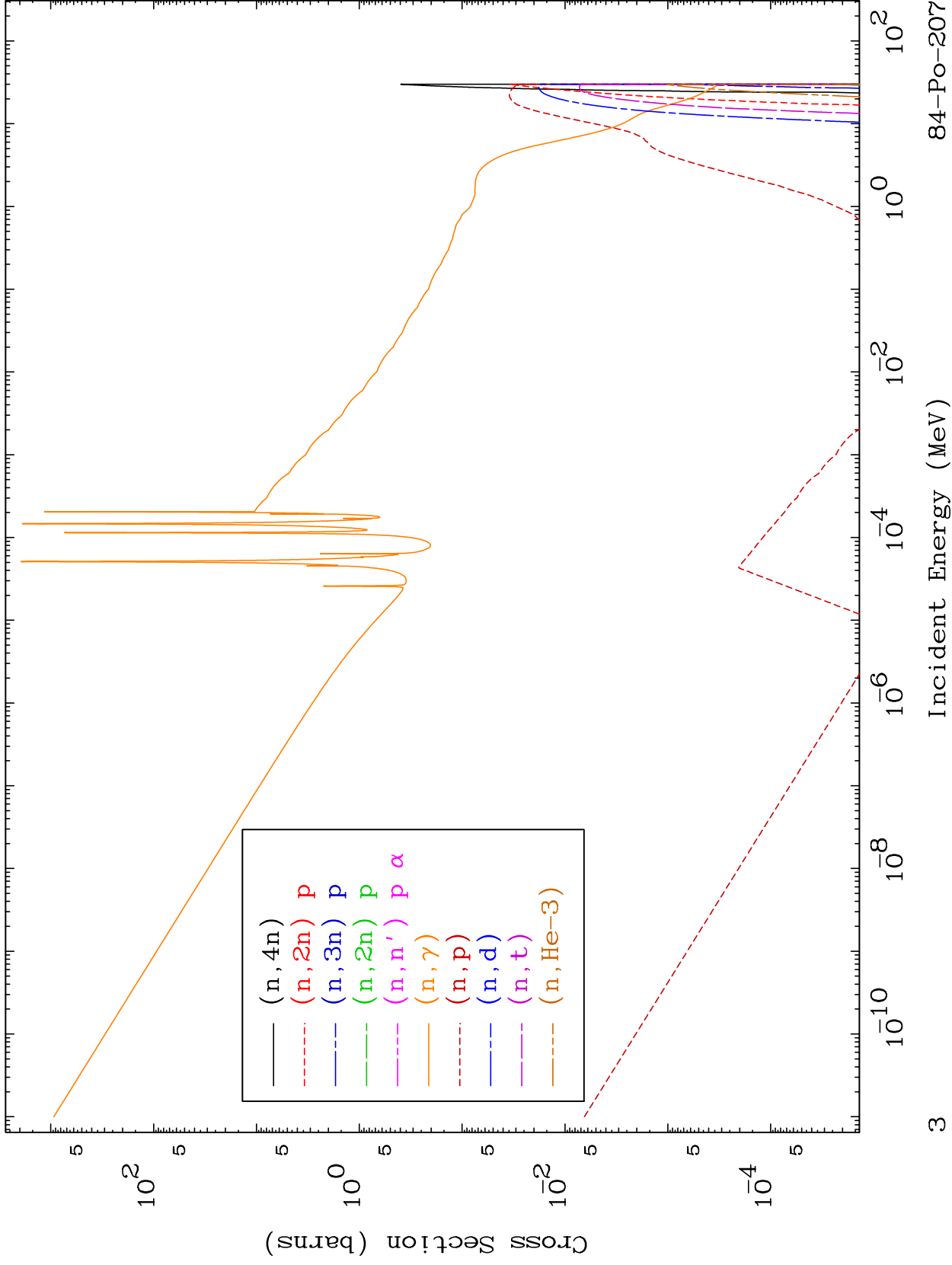
84-Po-207



MAT 8428

Neutron Absorption
293 Kelvin Cross Sections

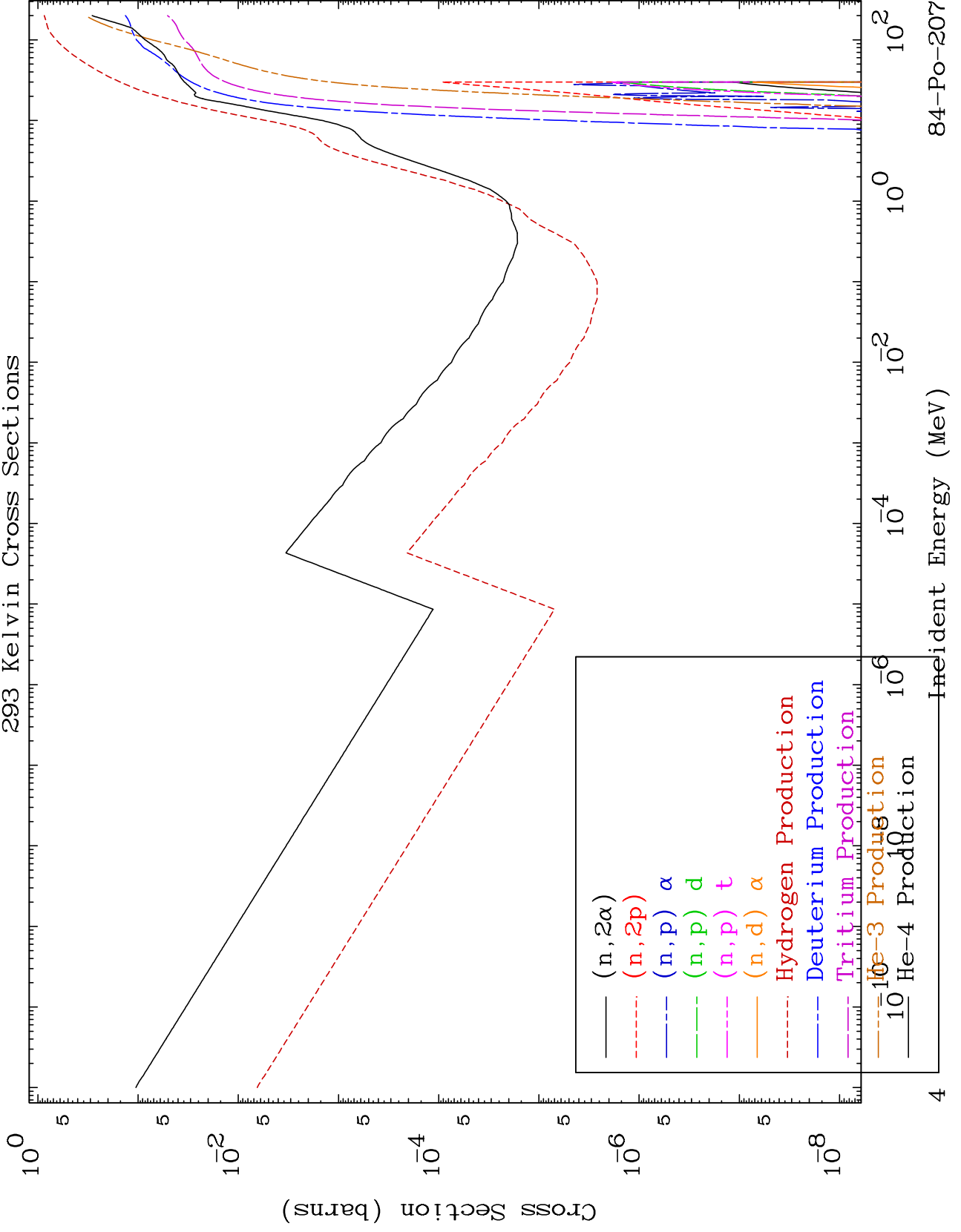
84-Po-207



MAT 8428

Neutron Absorption
293 Kelvin Cross Sections

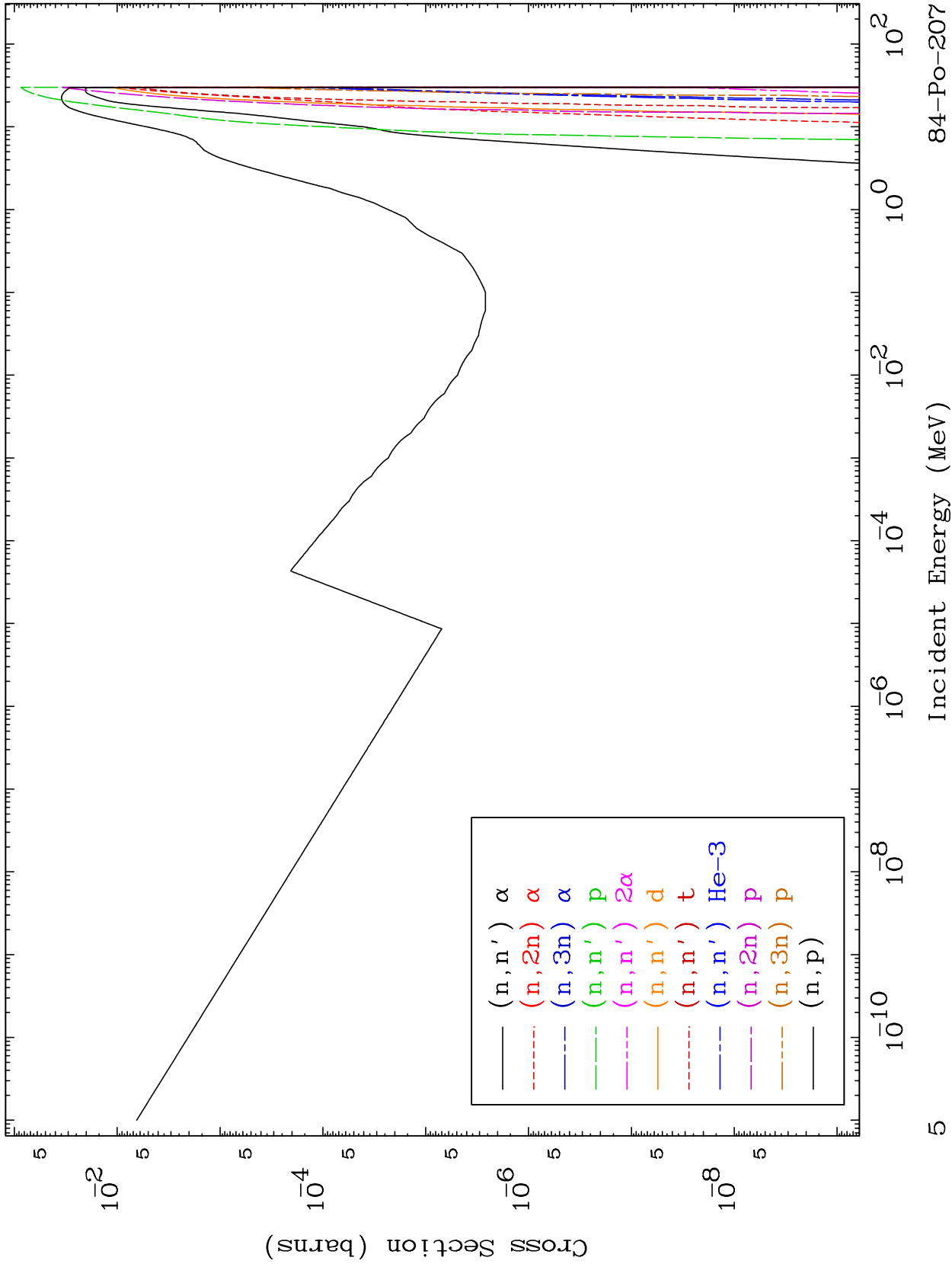
84-Po-207



MAT 8428

Charged Particle
293 Kelvin Cross Sections

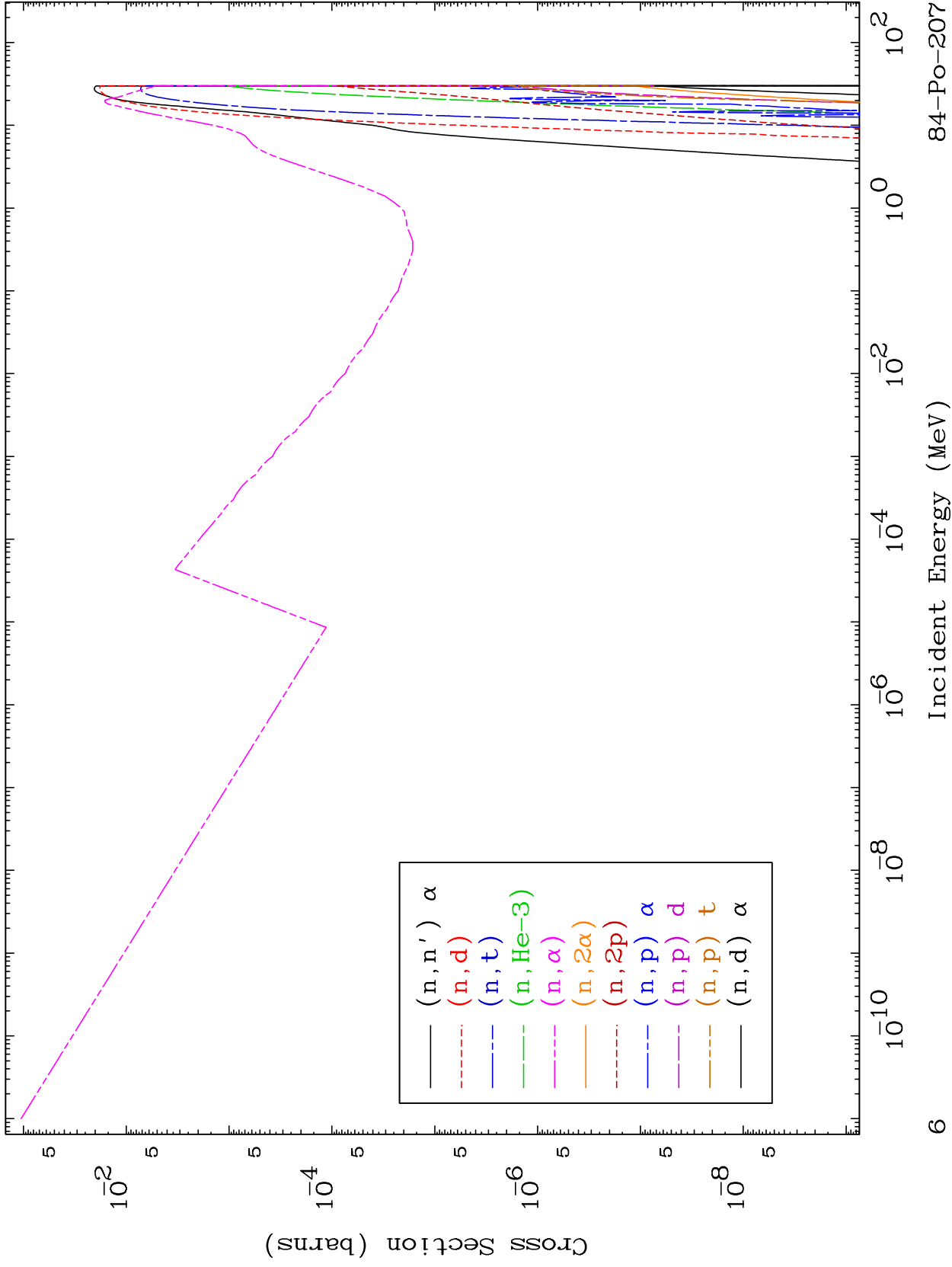
84-Po-207



MAT 8428

Charged Particle
293 Kelvin Cross Sections

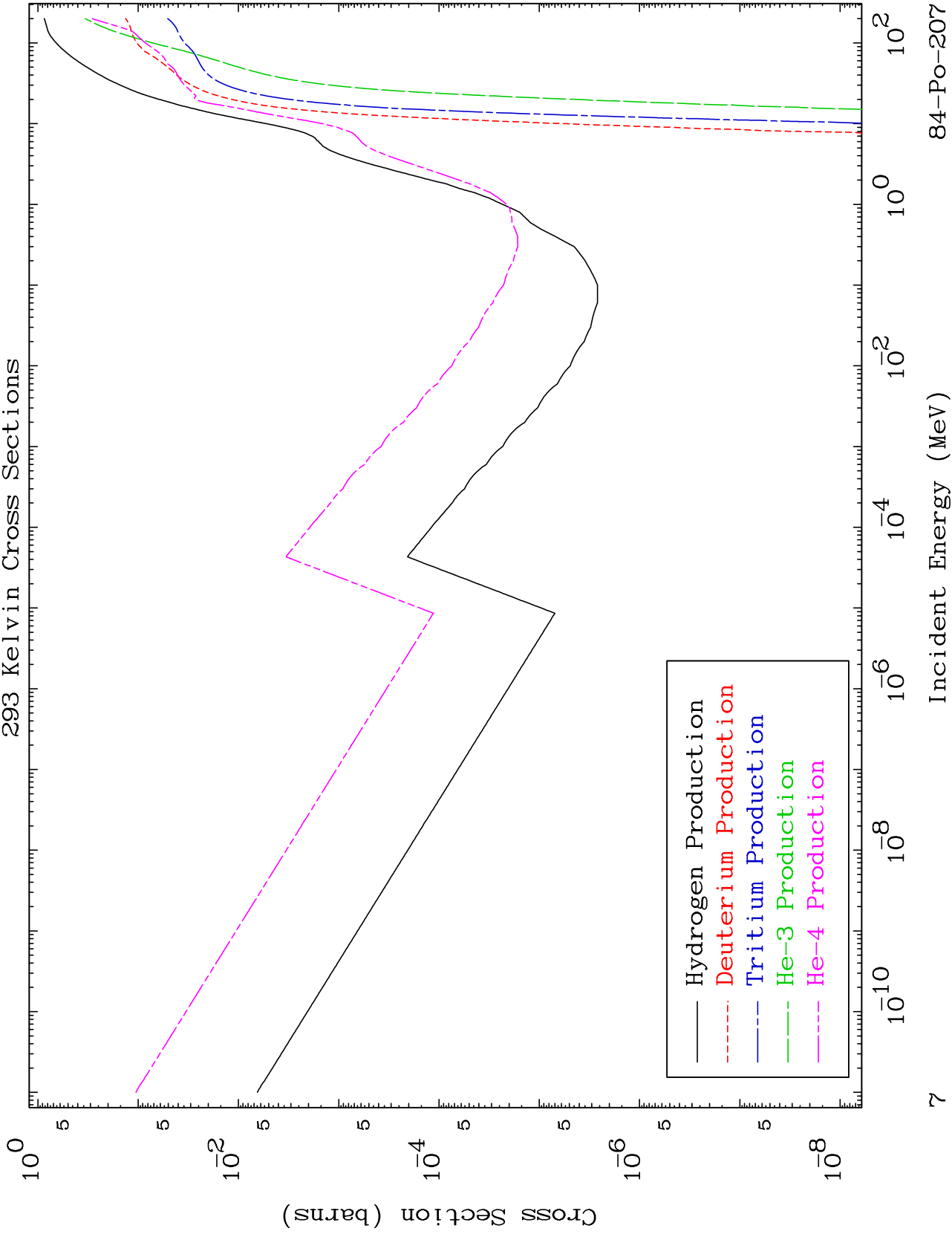
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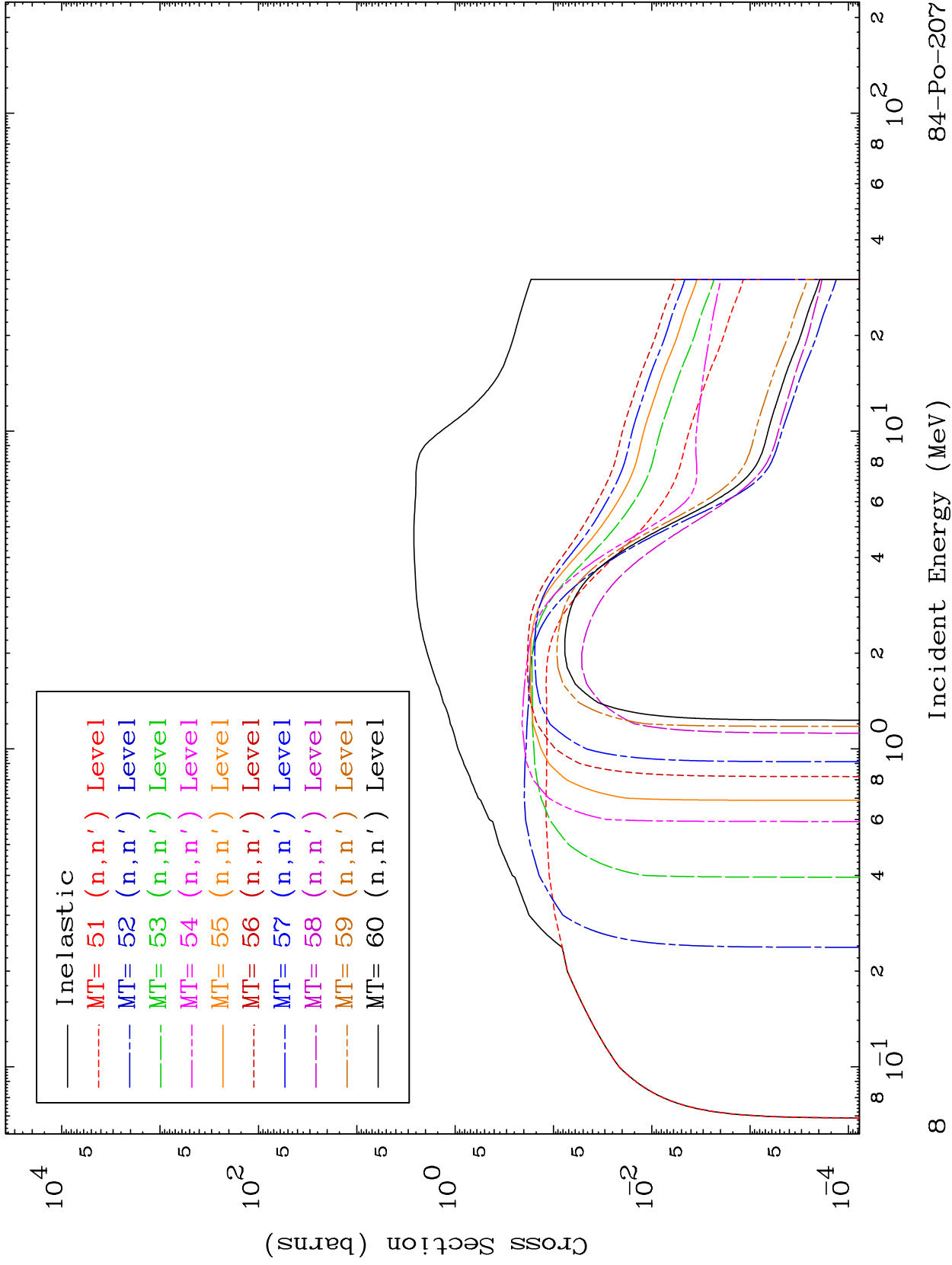


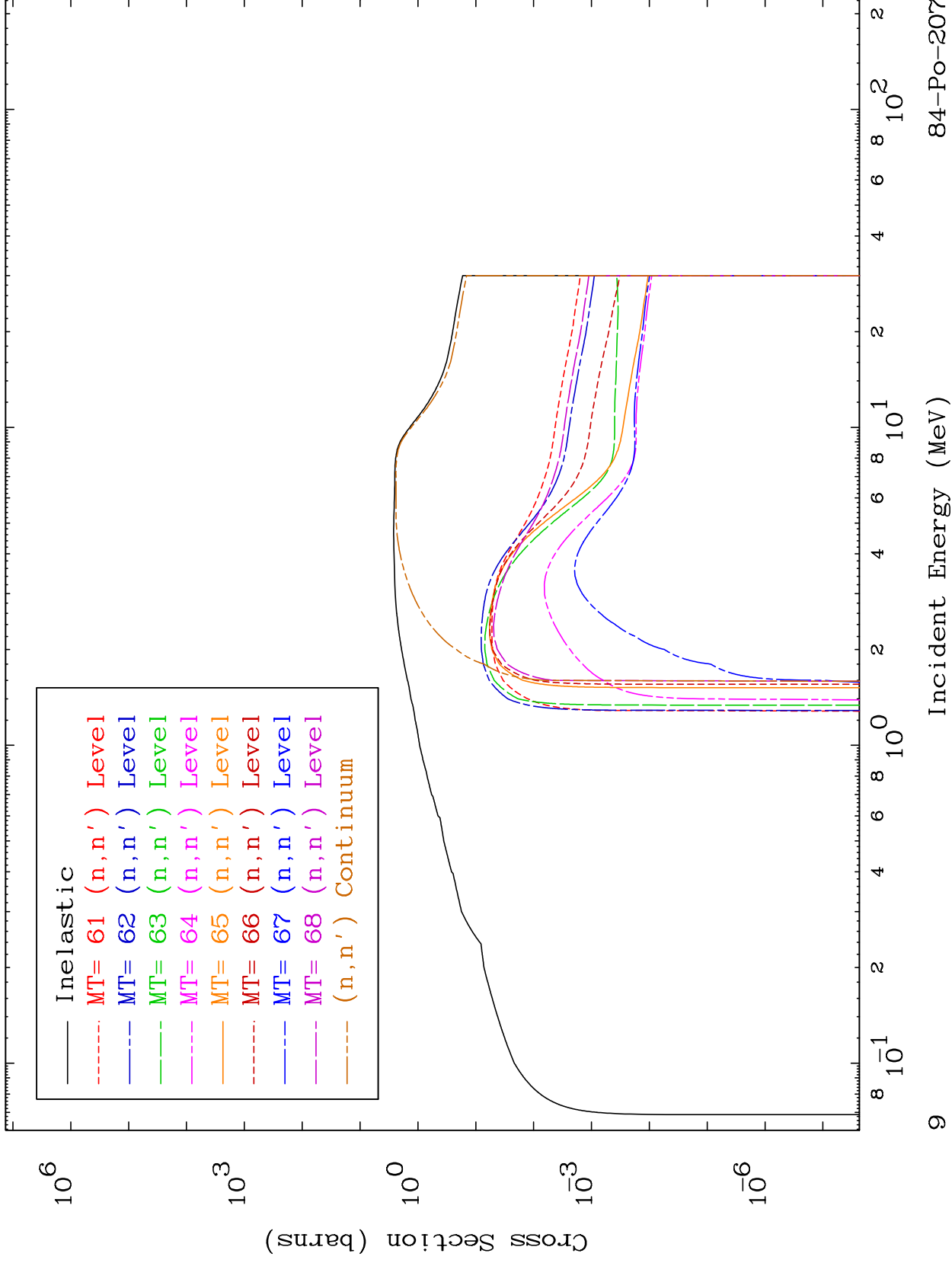
MAT 8428

Particle Production
293 Kelvin Cross Sections

84-Po-207



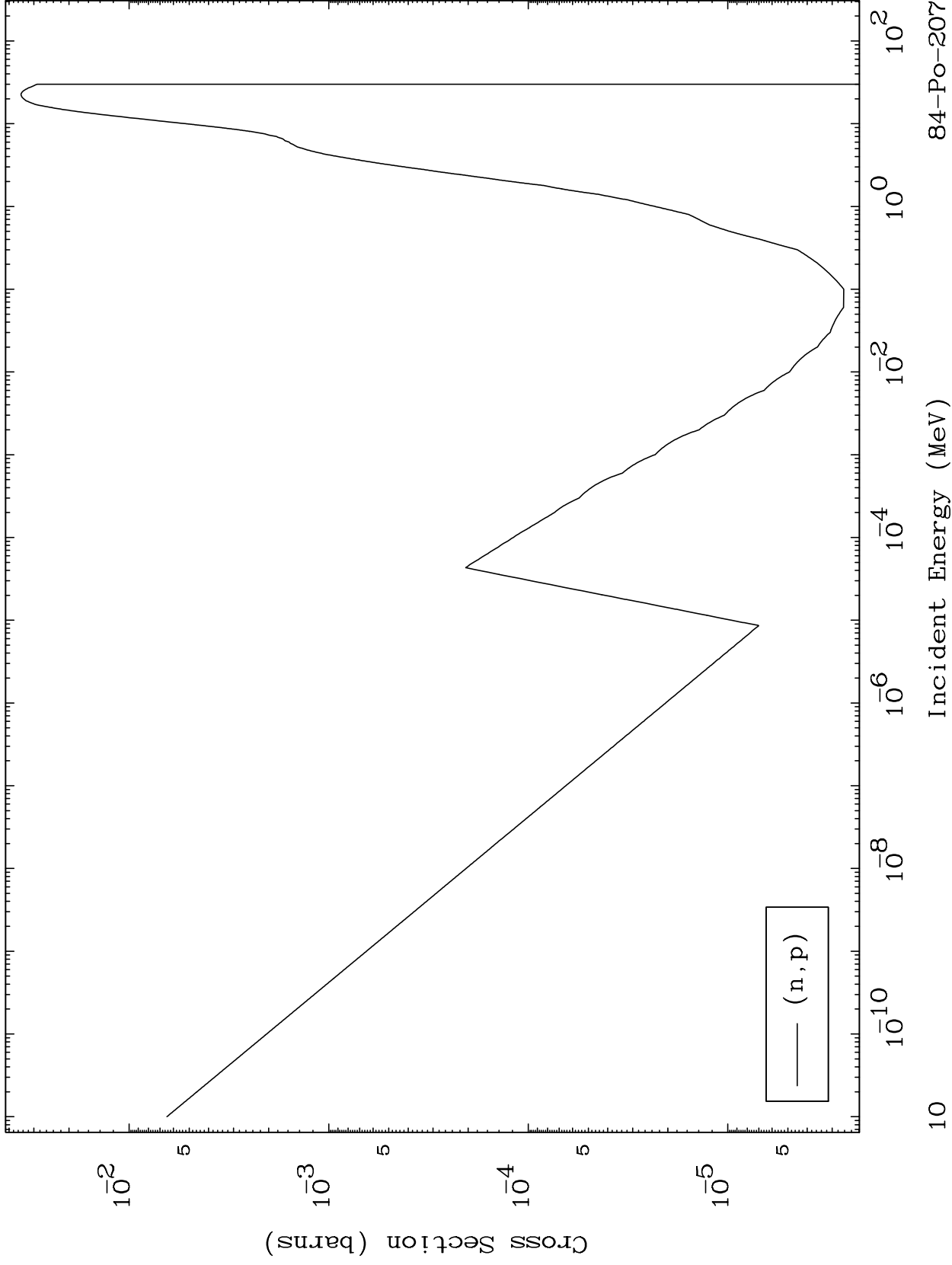




MAT 8428

(n,p) Levels
293 Kelvin Cross Sections

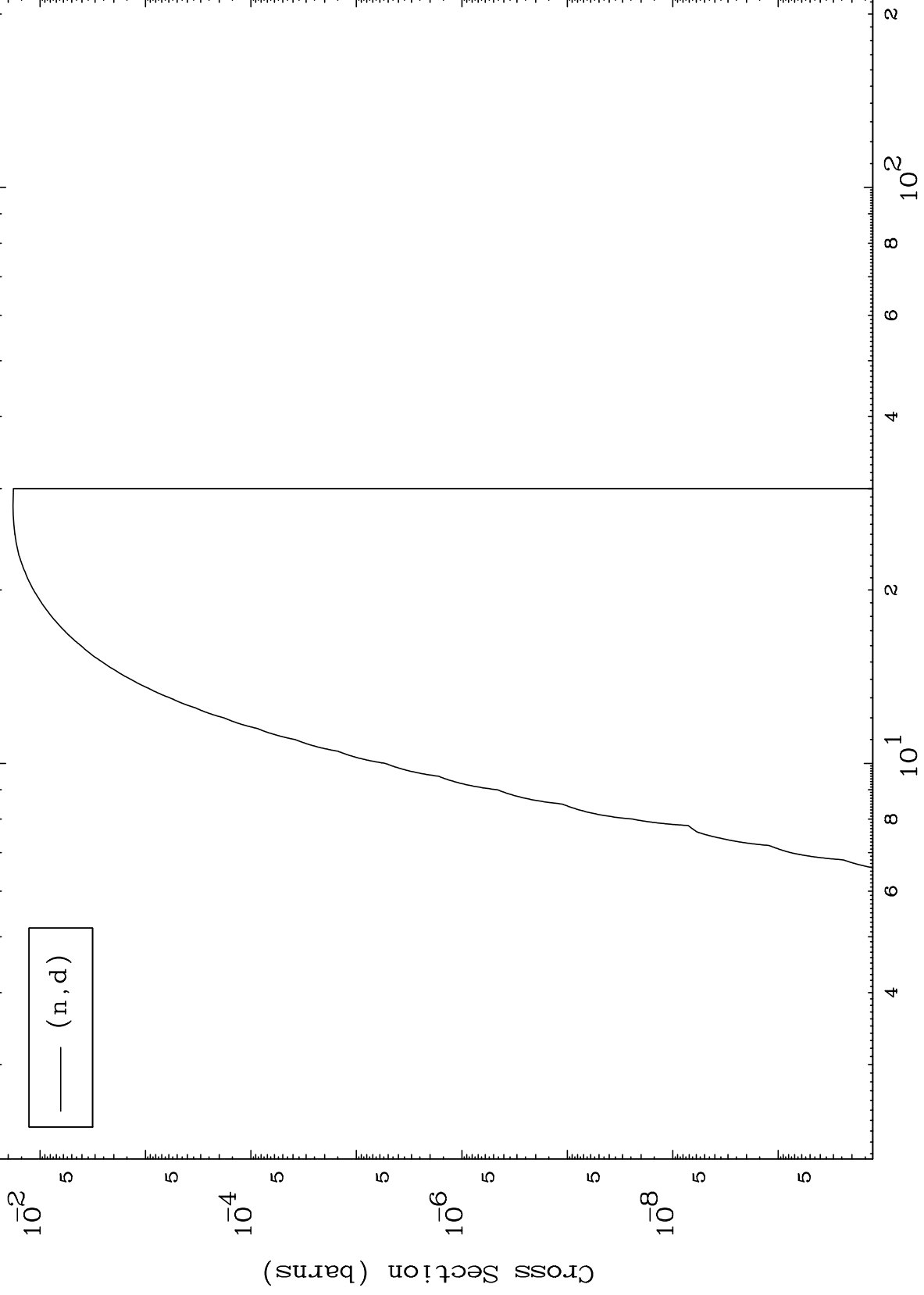
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MAT 8428

(n,d) Levels
293 Kelvin Cross Sections

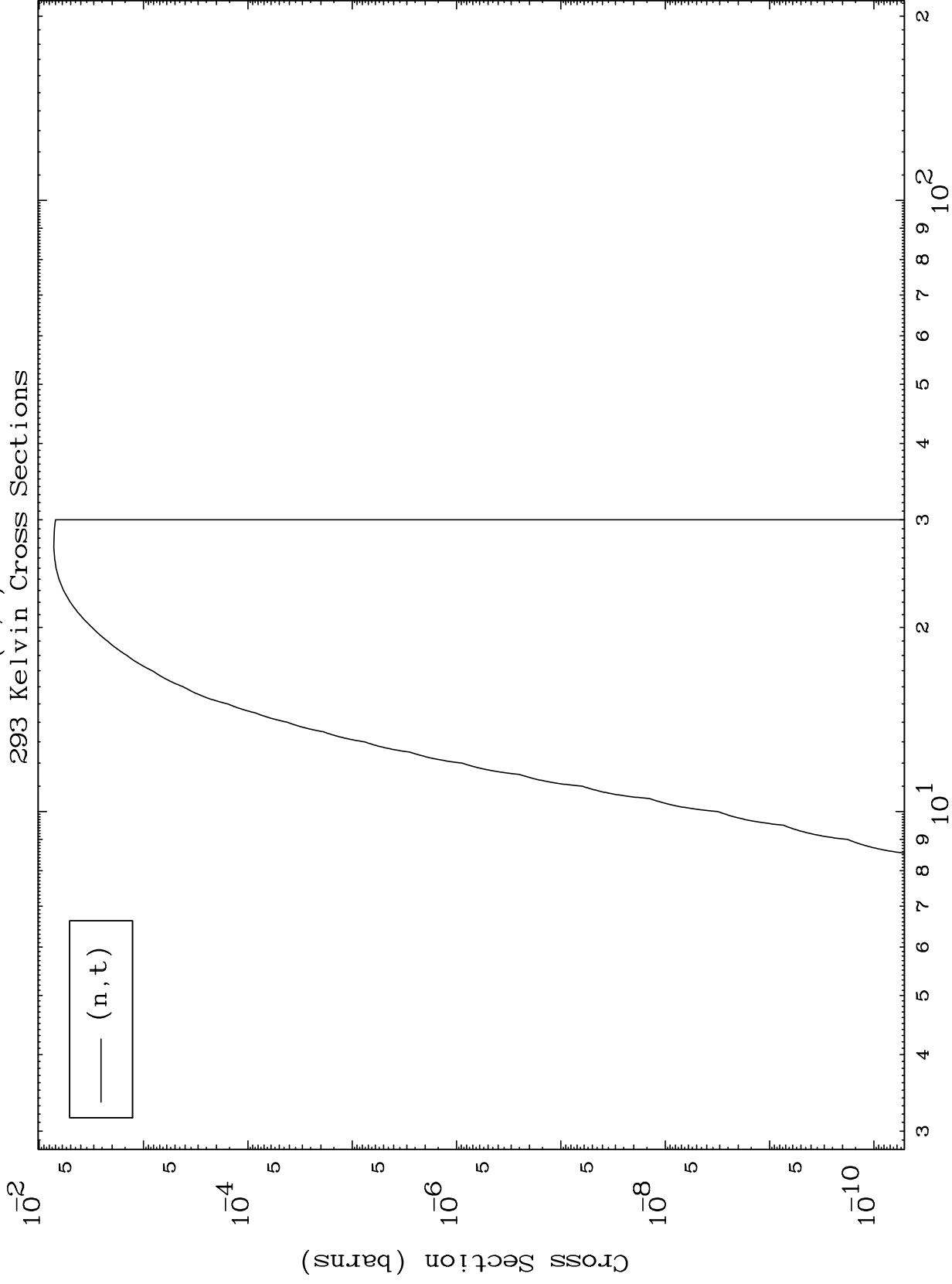
84-Po-207



MAT 8428

(n,t) Levels
293 Kelvin Cross Sections

84-Po-207



12

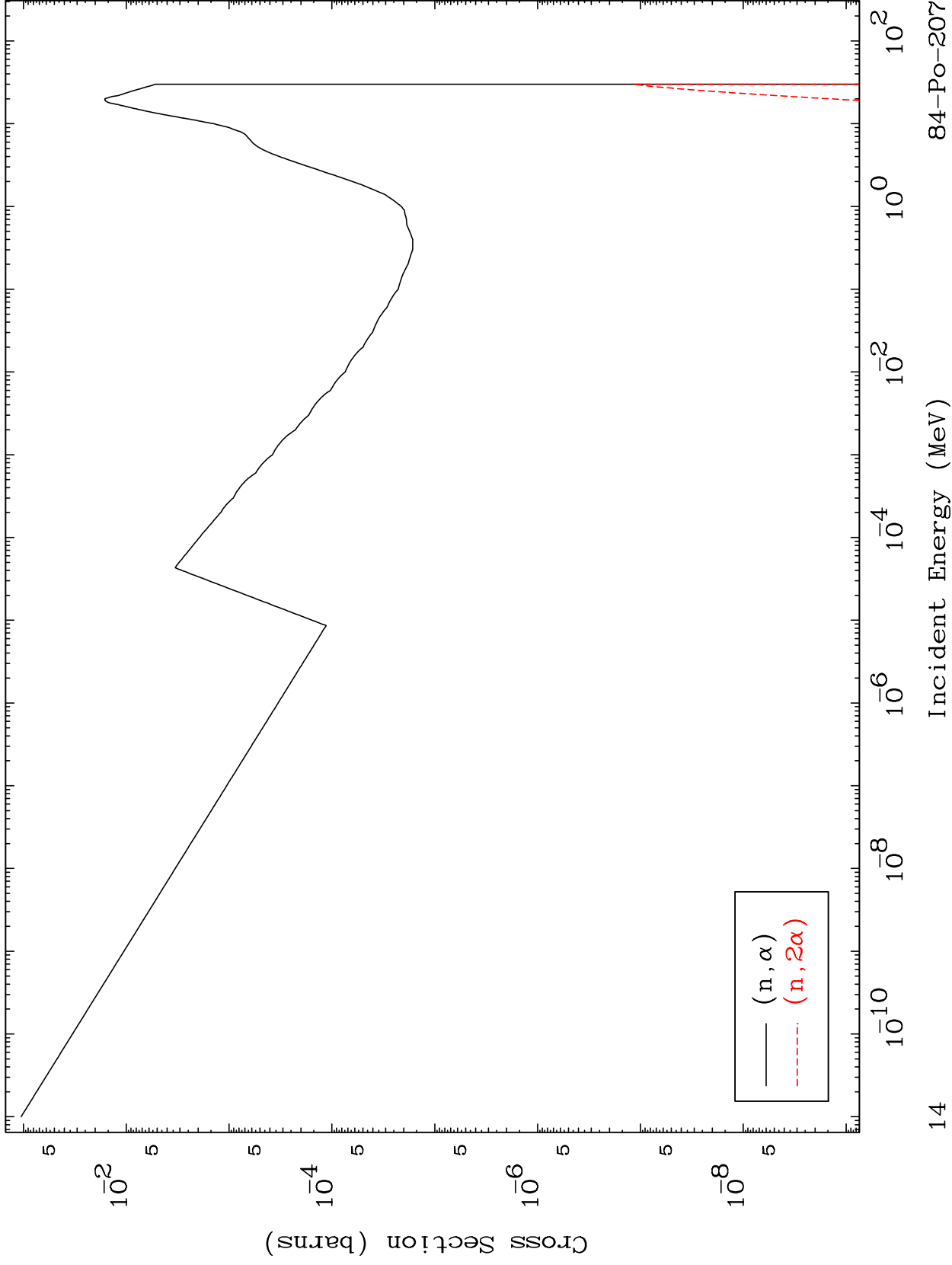
Incident Energy (MeV)

84-Po-207

MAT 8428

(n,α) Levels
293 Kelvin Cross Sections

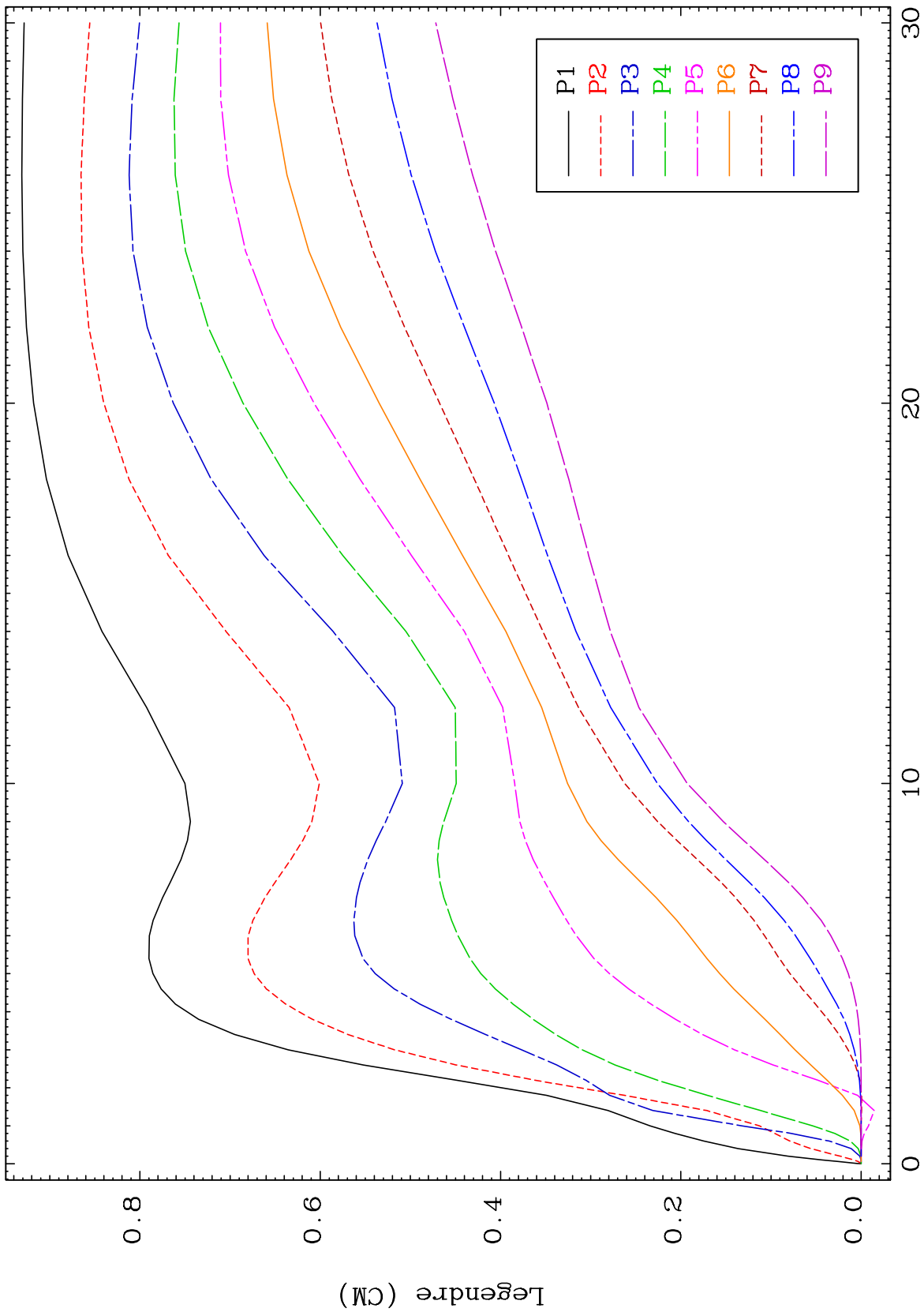
84-Po-207



MAT 8428

84-Po-207

Elastic Legendre Coefficients



84-Po-207

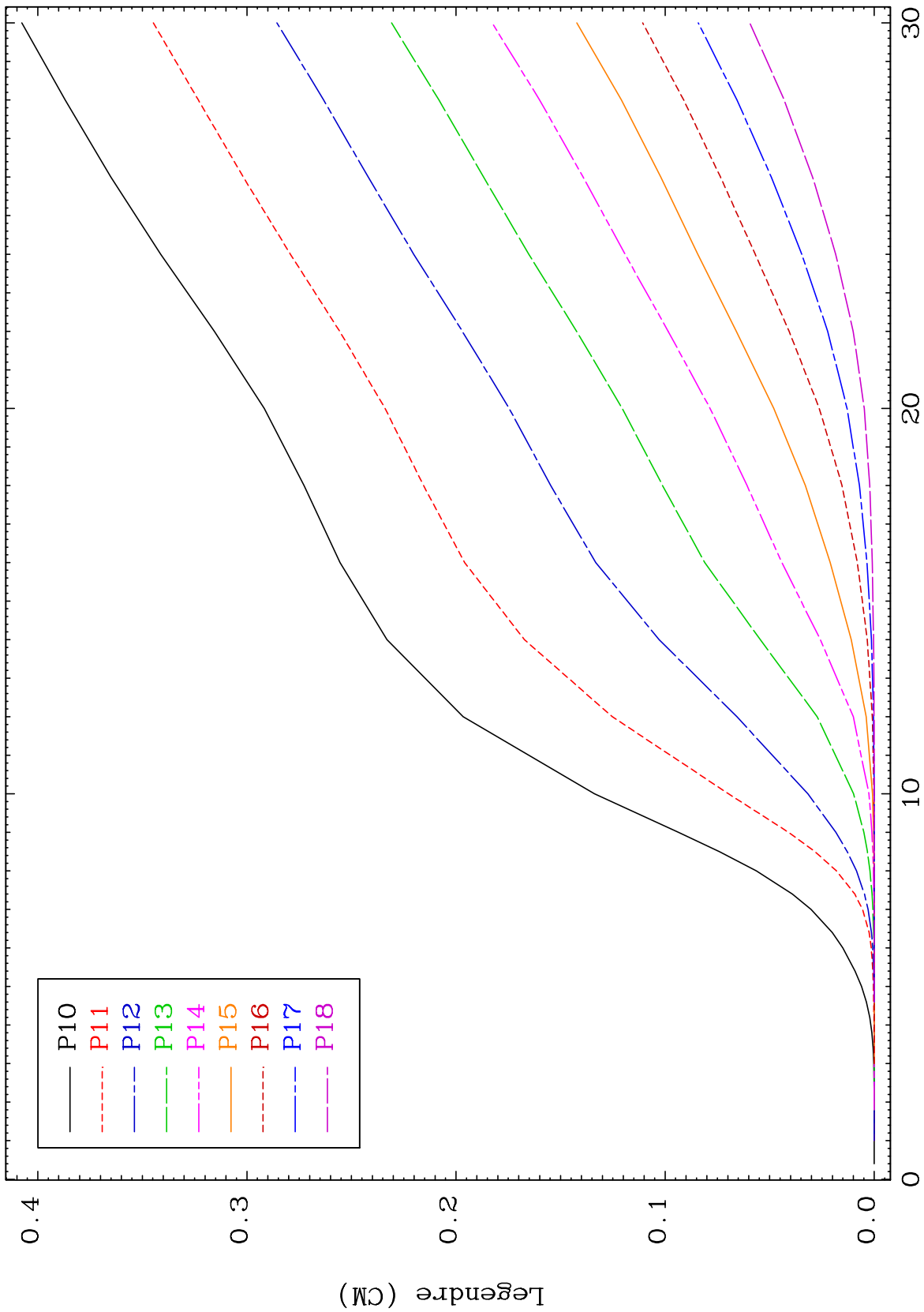
Incident Energy (MeV)

15

MAT 8428

Elastic Legendre Coefficients

84-Po-207



16

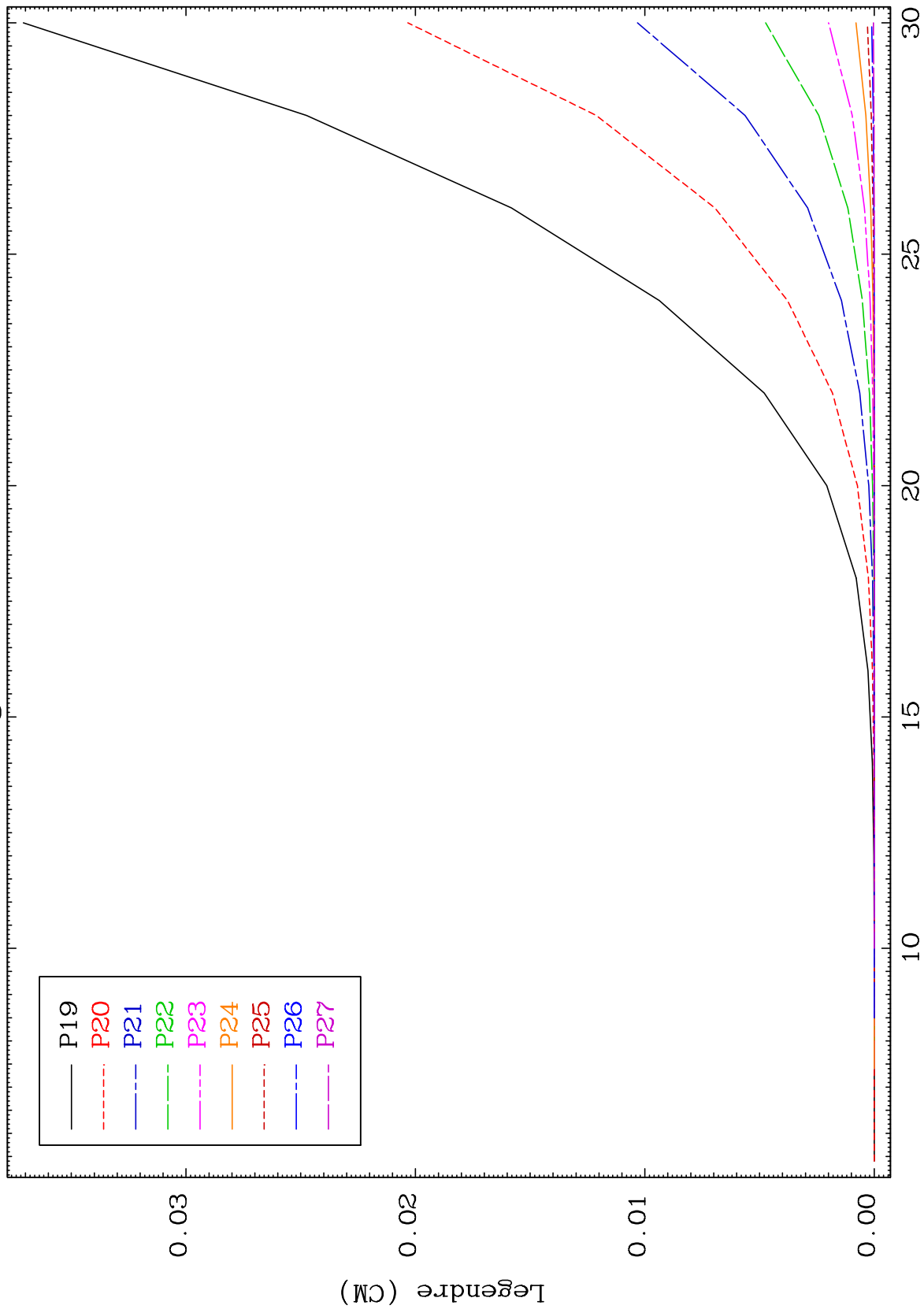
Incident Energy (MeV)

84-Po-207

MAT 8428

Elastic Legendre Coefficients

84-Po-207



17

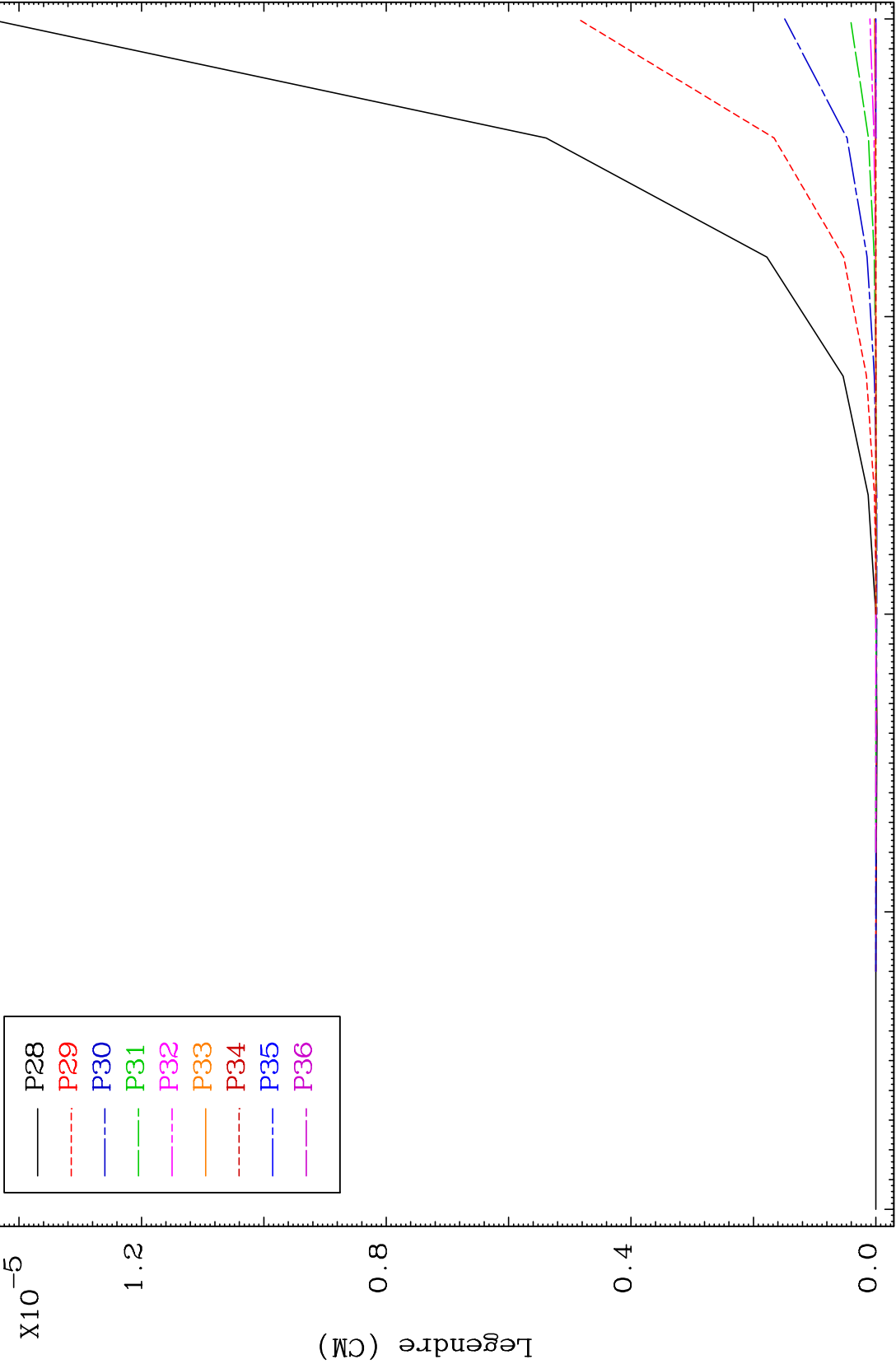
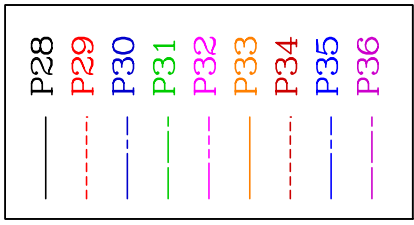
Incident Energy (MeV)

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MAT 8428

Elastic Legendre Coefficients

84-Po-207



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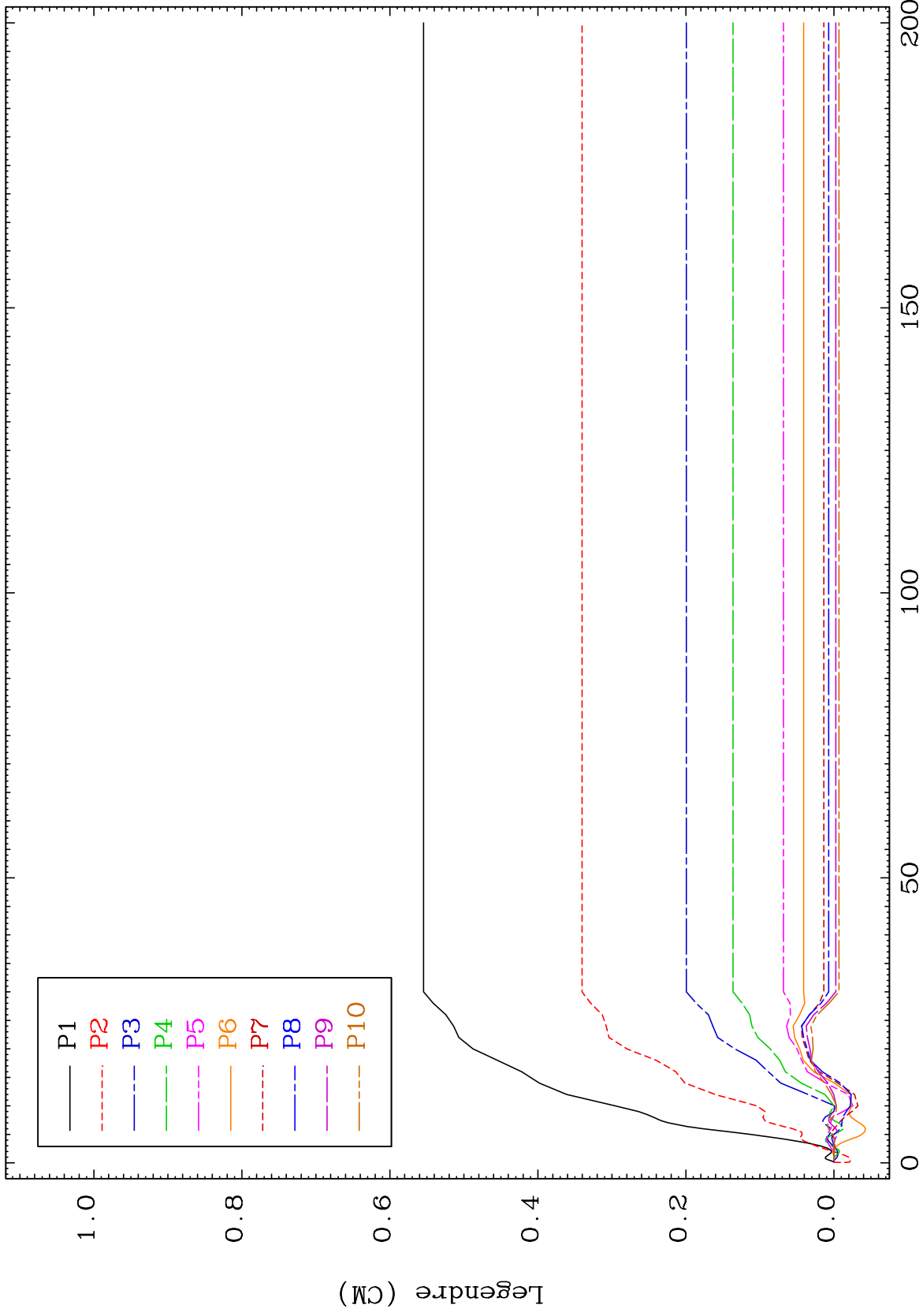
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



19

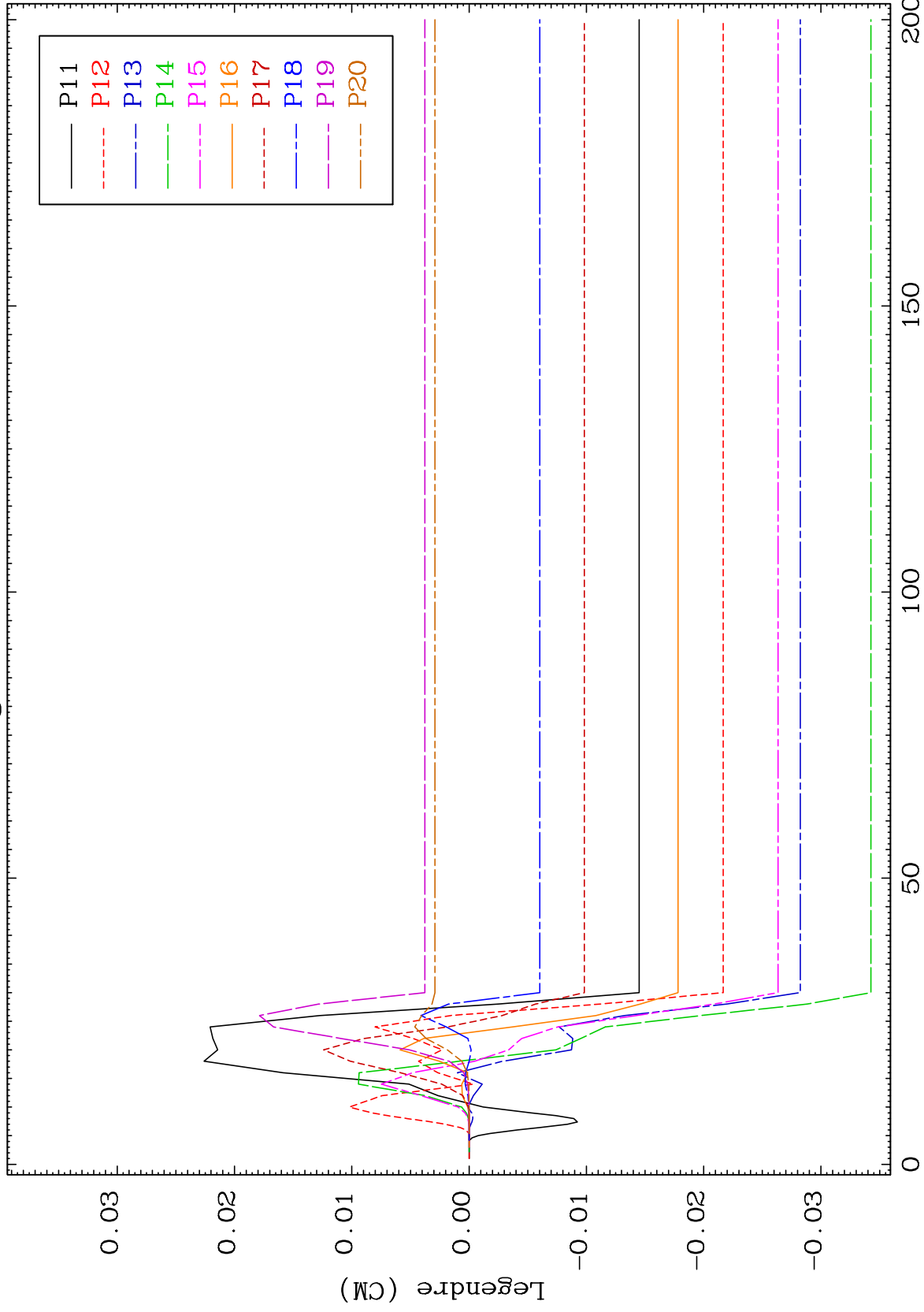
Incident Energy (MeV)

84-Po-207

MAT 8428

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

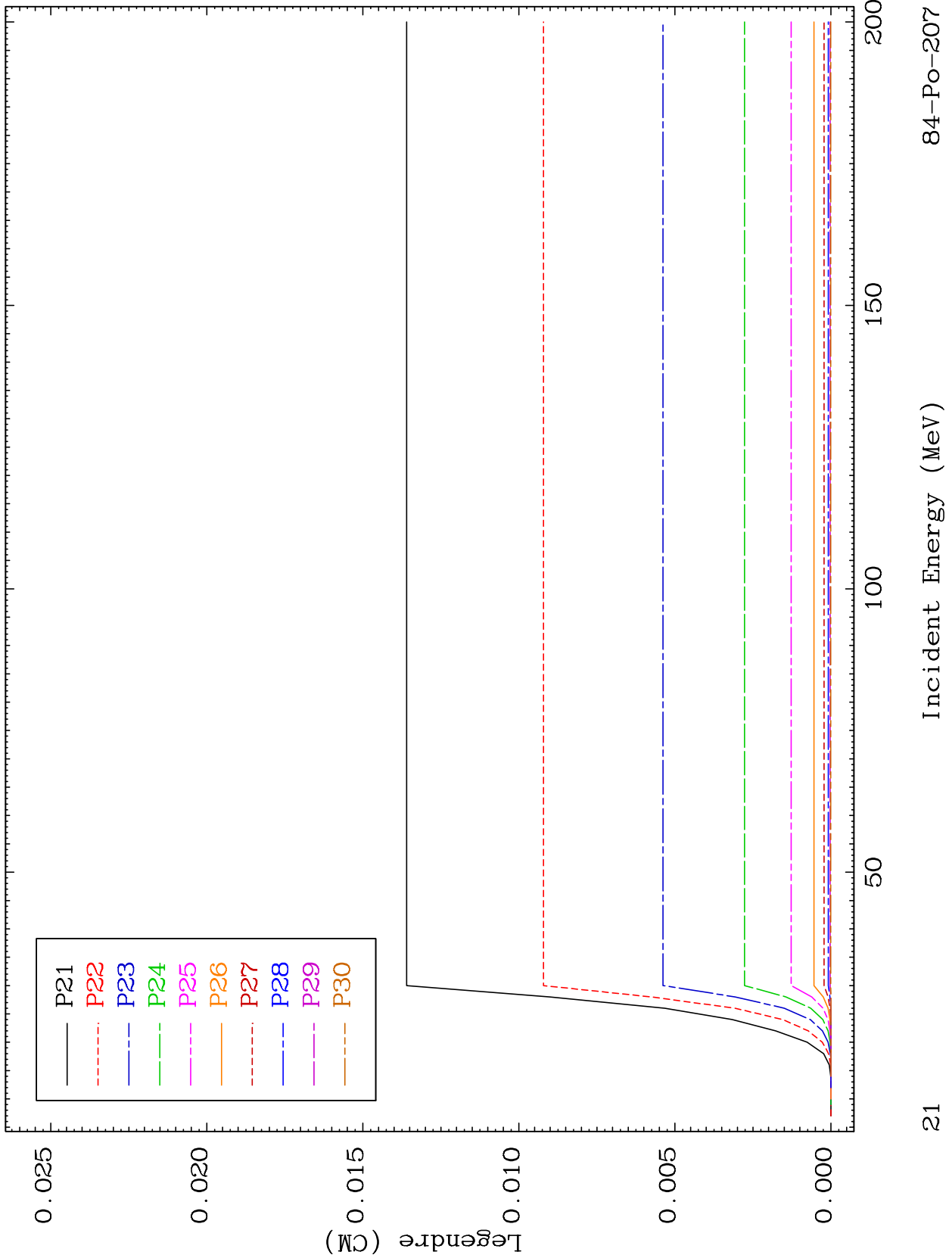
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20

Incident Energy (MeV)

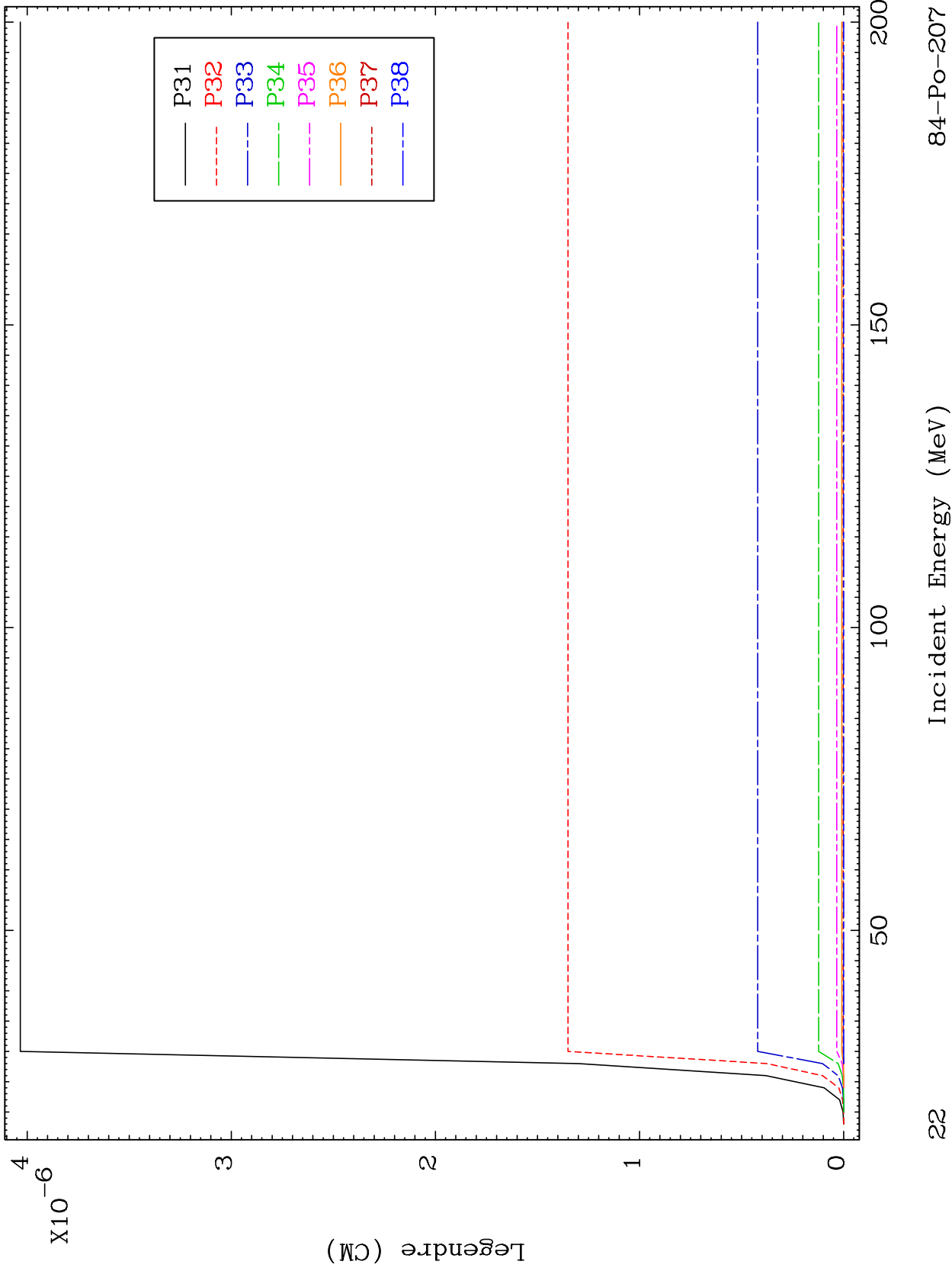
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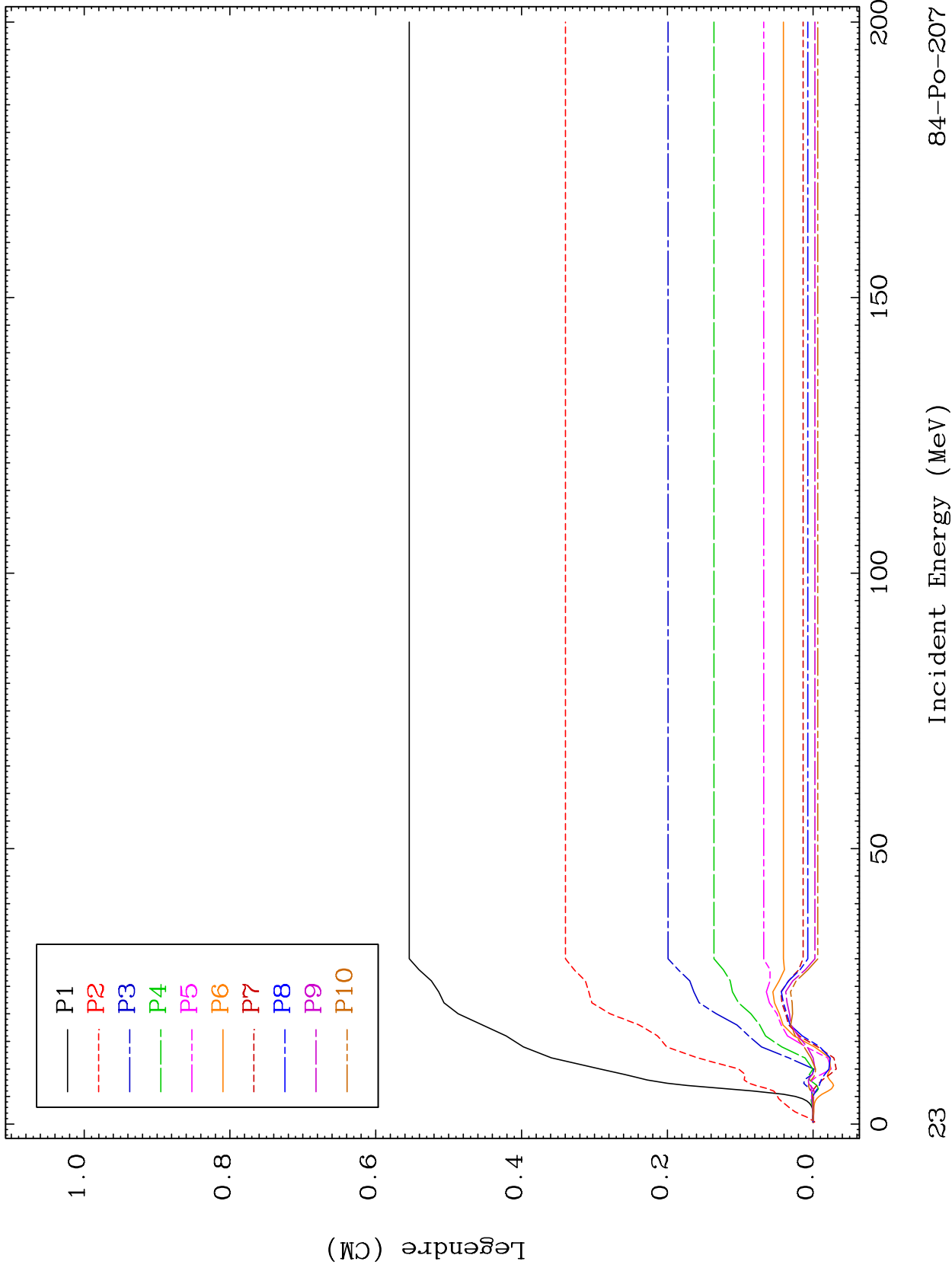


MAT 8428

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

84-Po-207

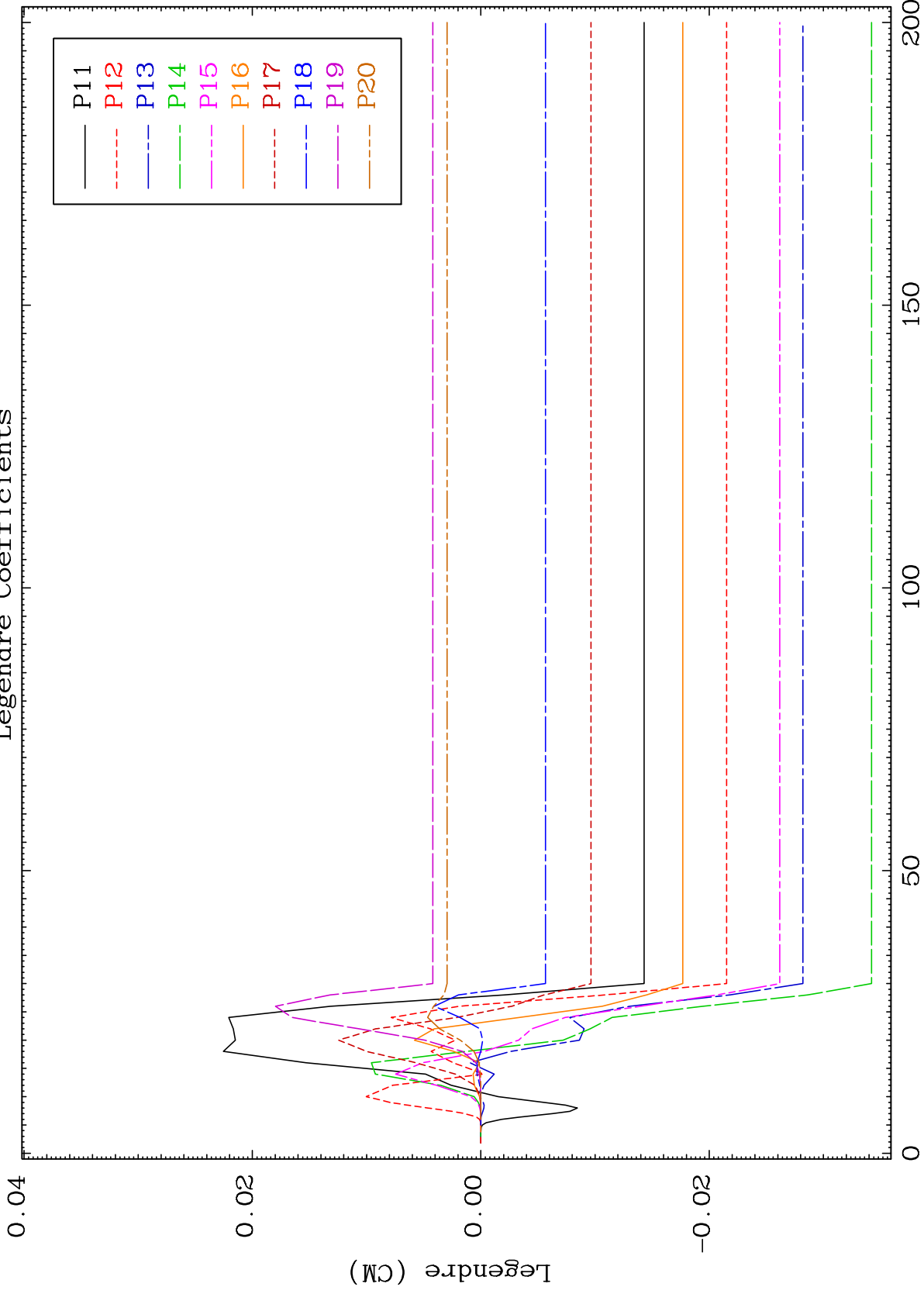




MAT 8428

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

84-Po-207



24

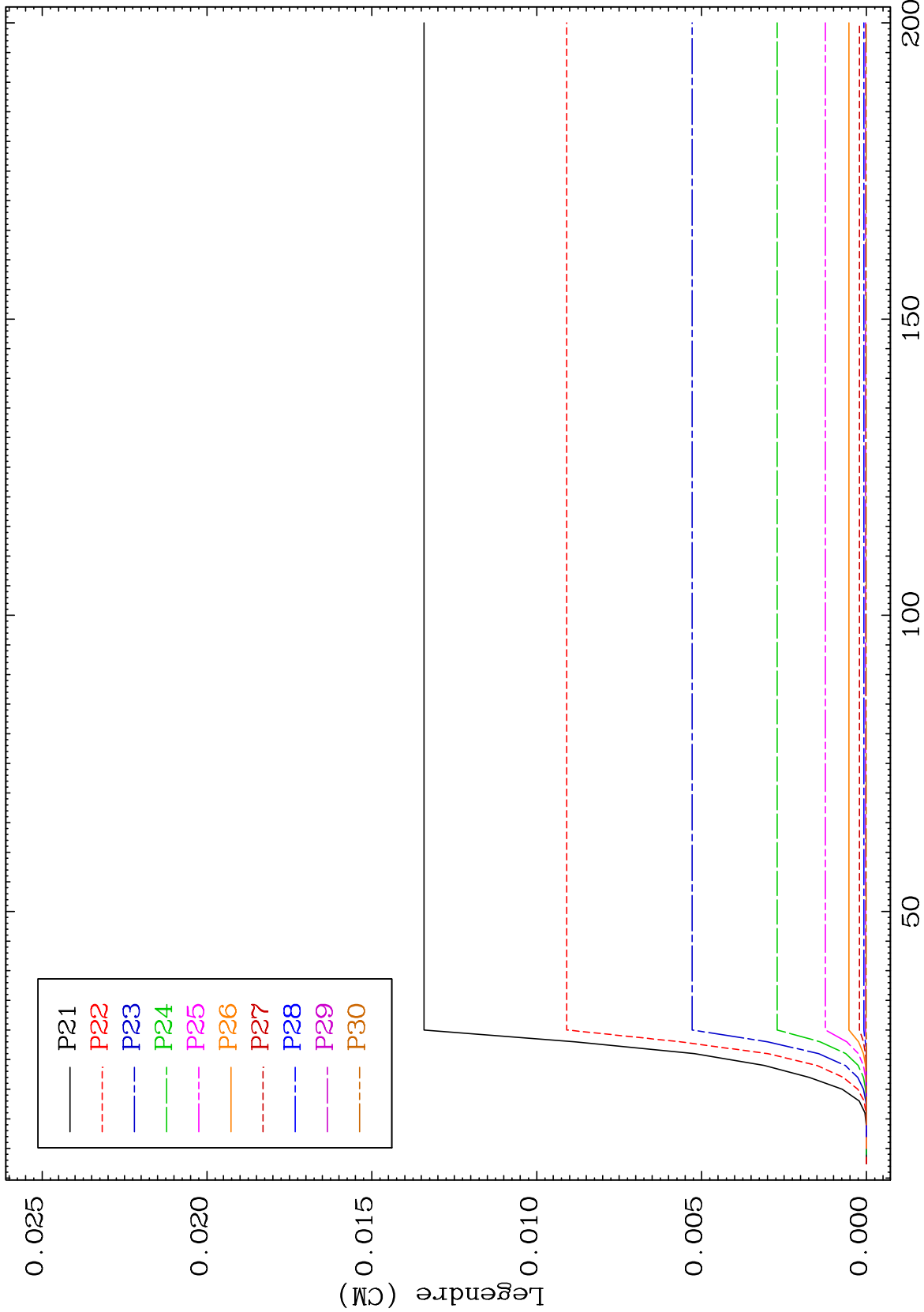
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



25

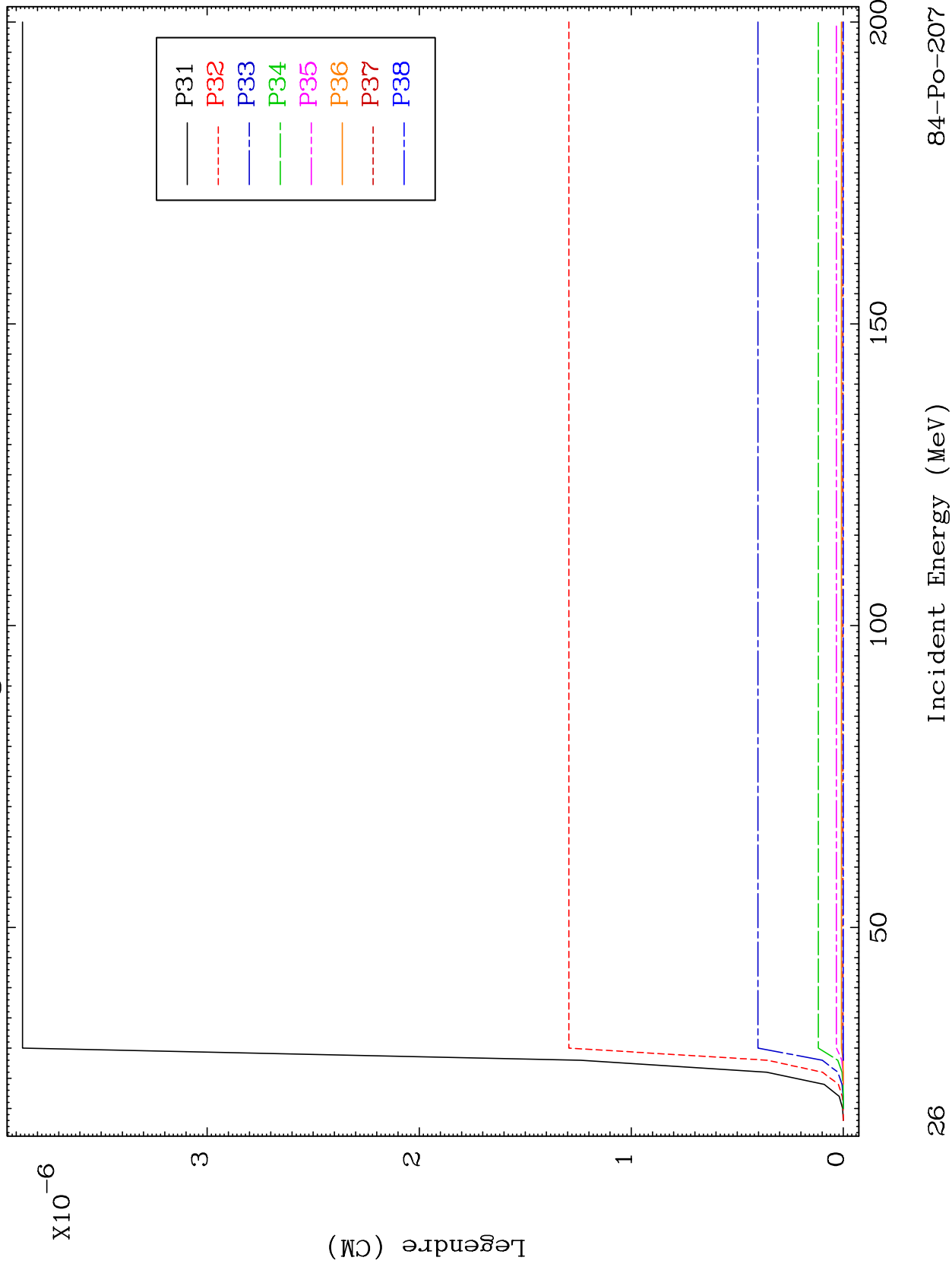
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



84-Po-207

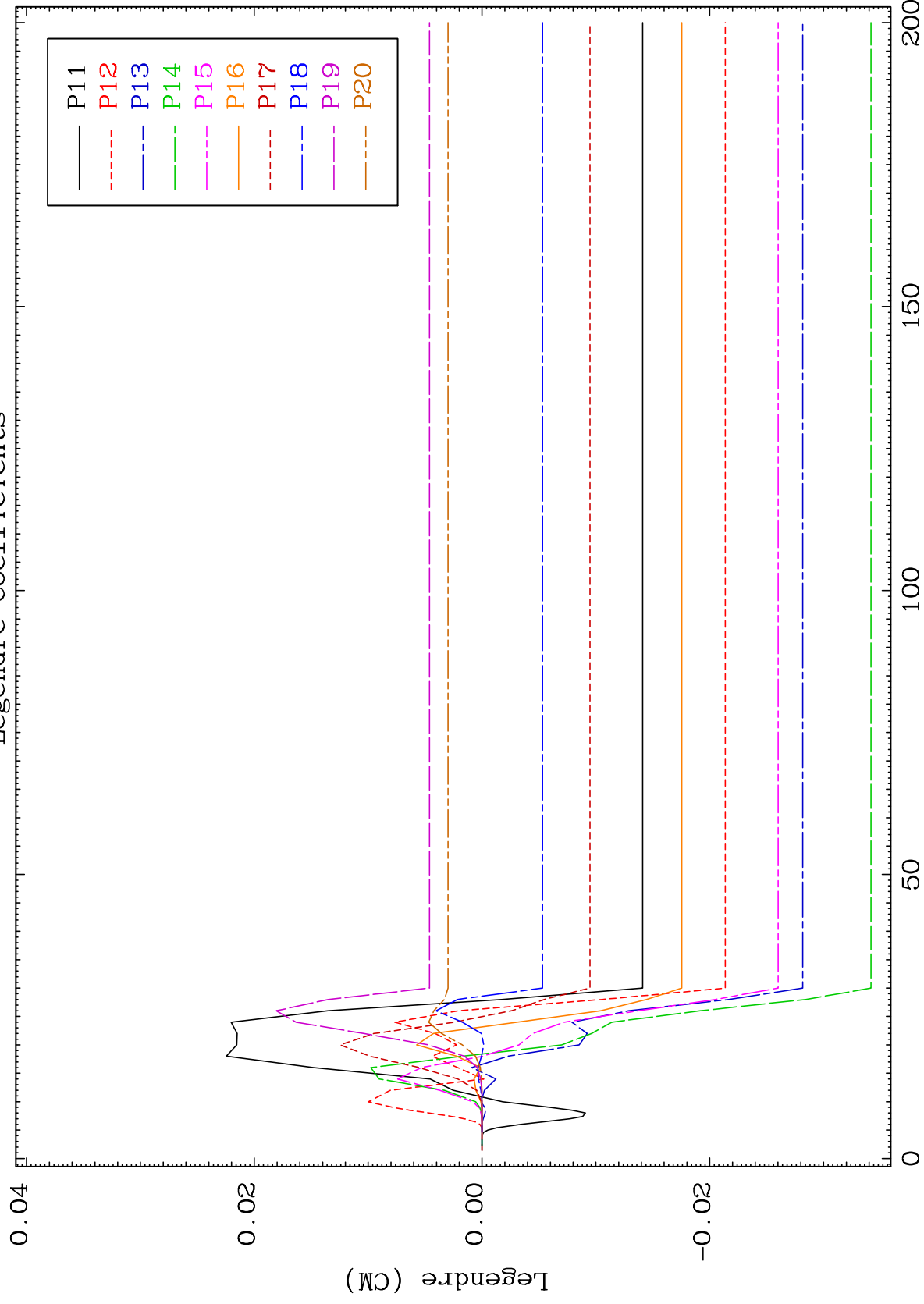
Incident Energy (MeV)

26

MAT 8428

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

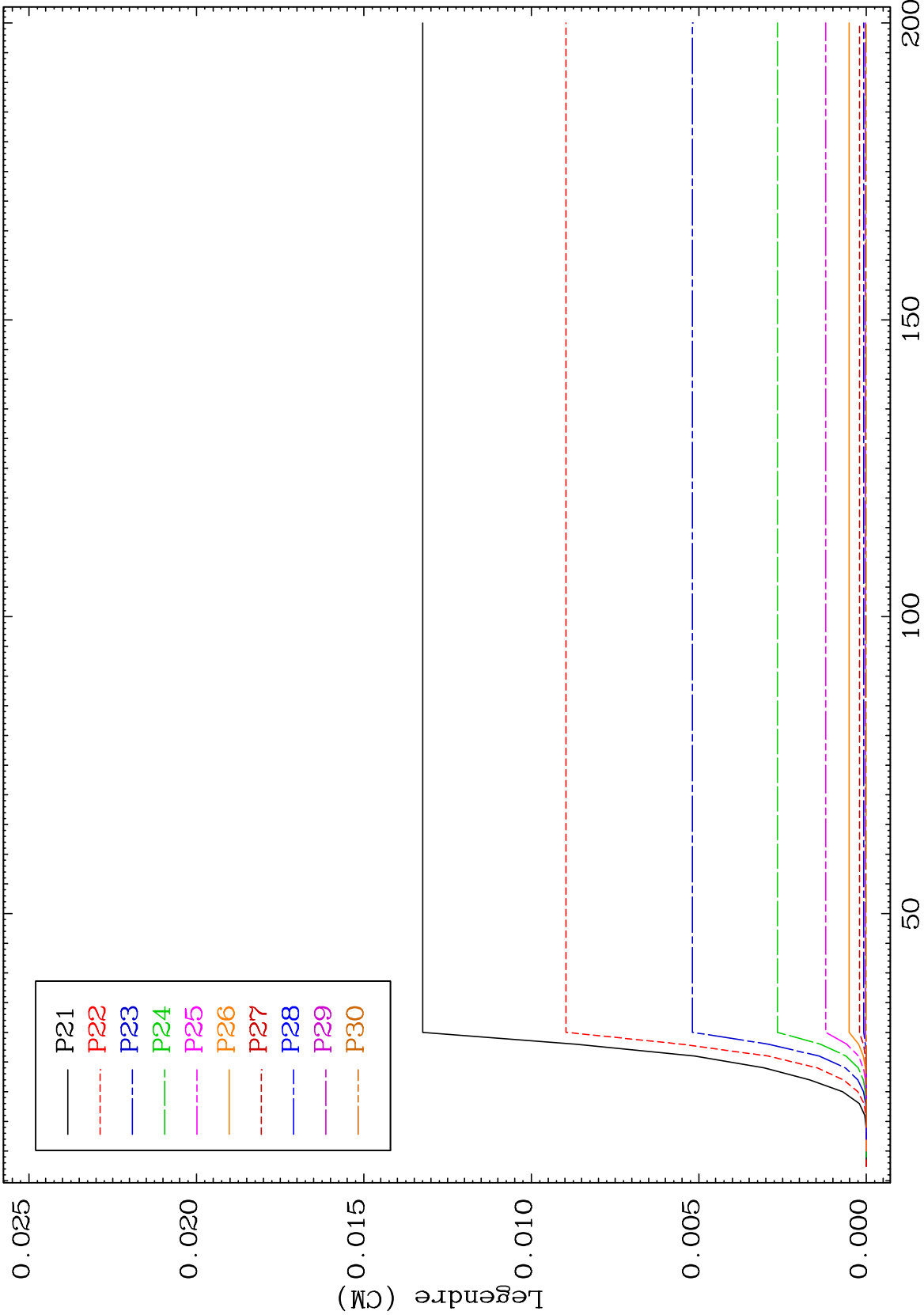
84-Po-207



28

Incident Energy (MeV)

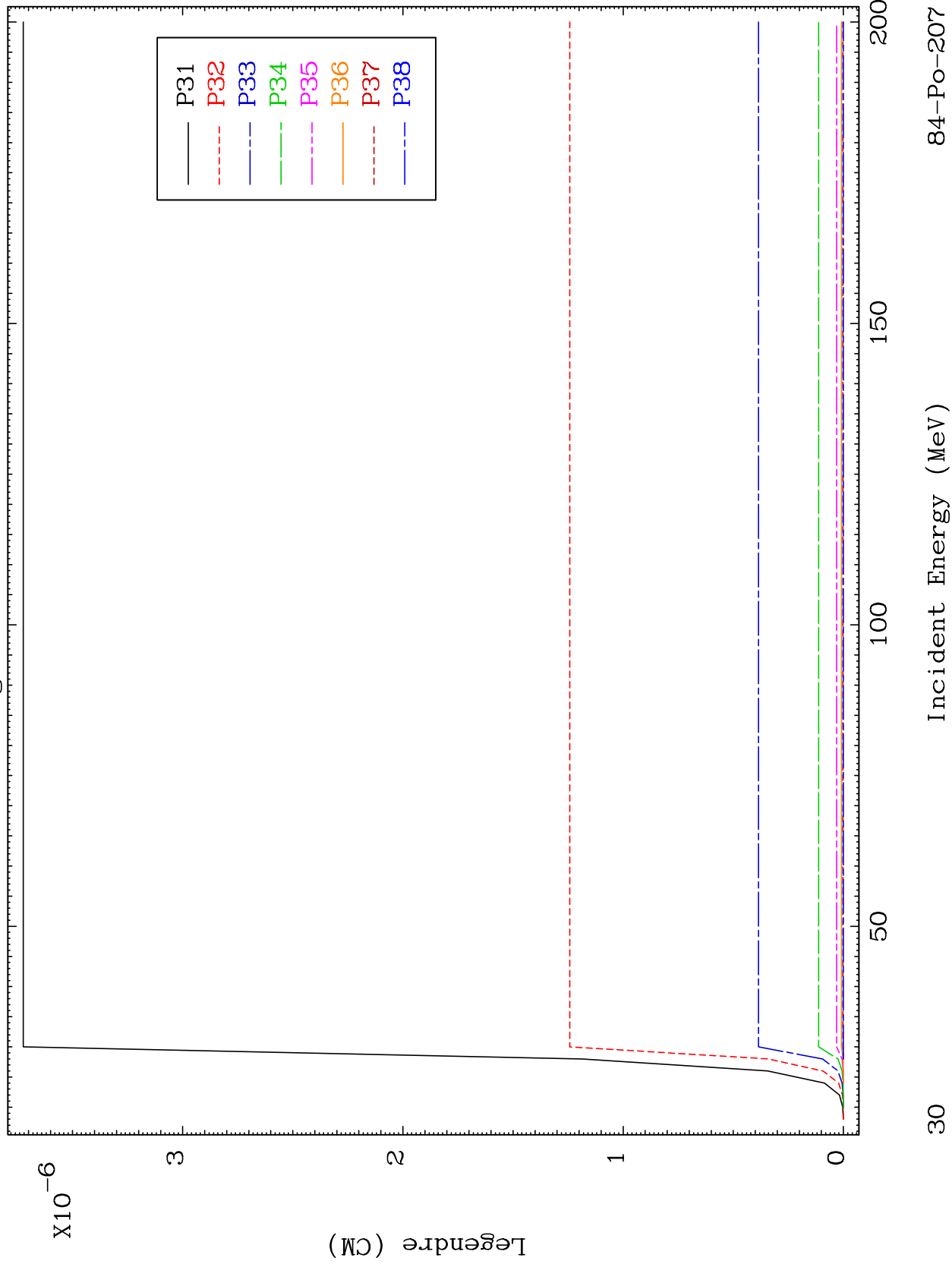
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MAT 8428

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

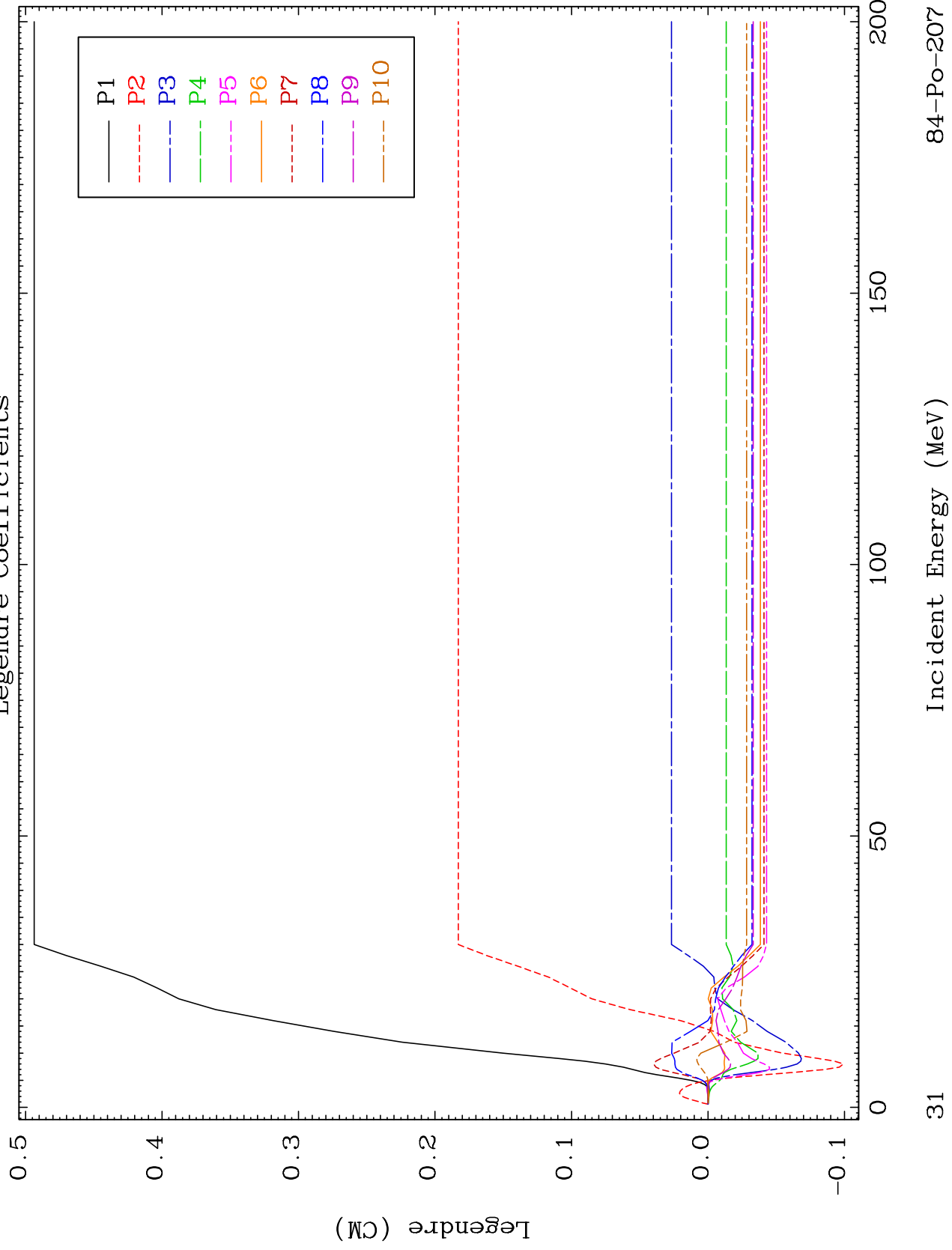
84-Po-207



MAT 8428

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

84-Po-207



84-Po-207

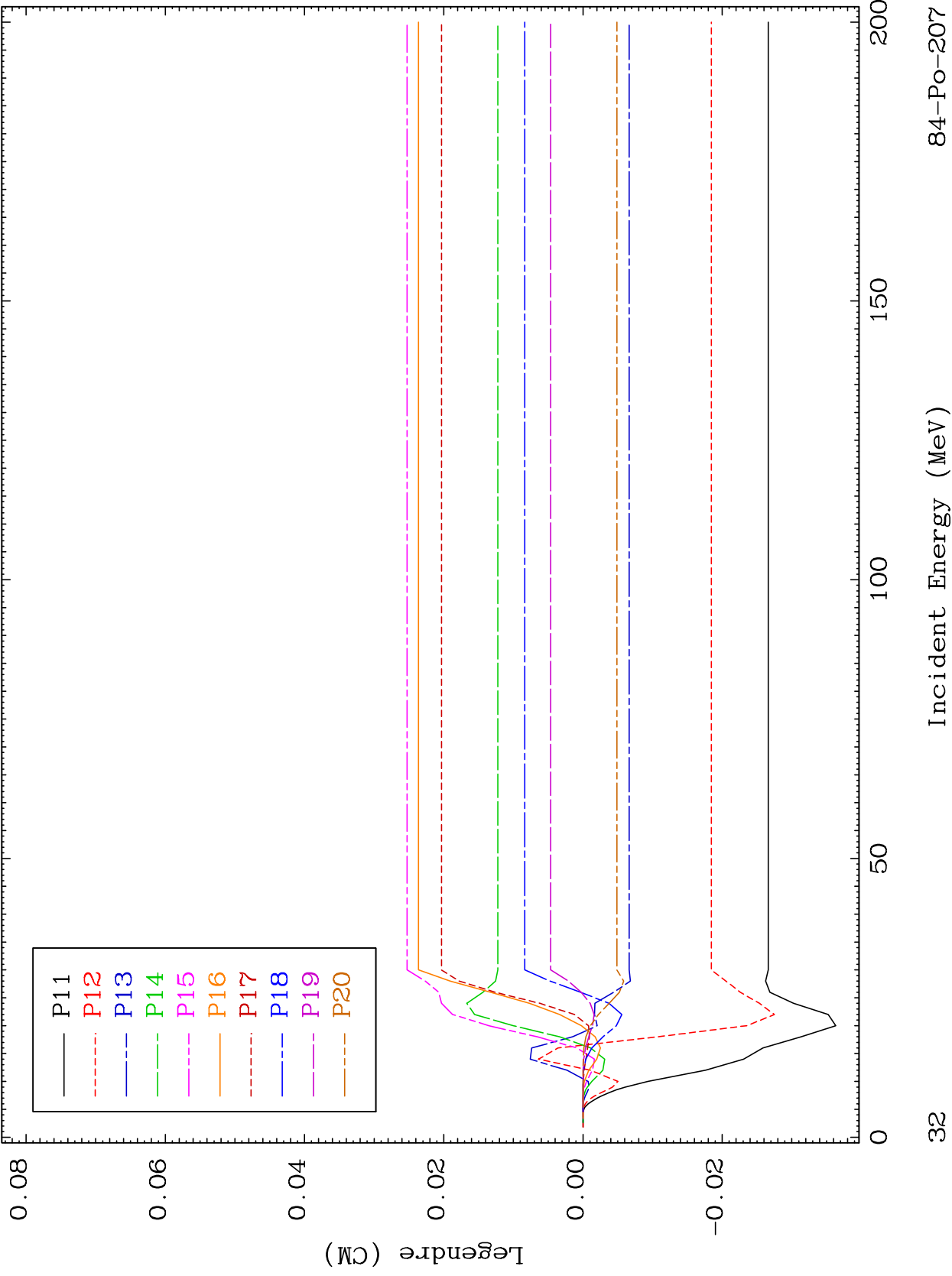
Incident Energy (MeV)

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MAT 8428

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

84-Po-207



84-Po-207

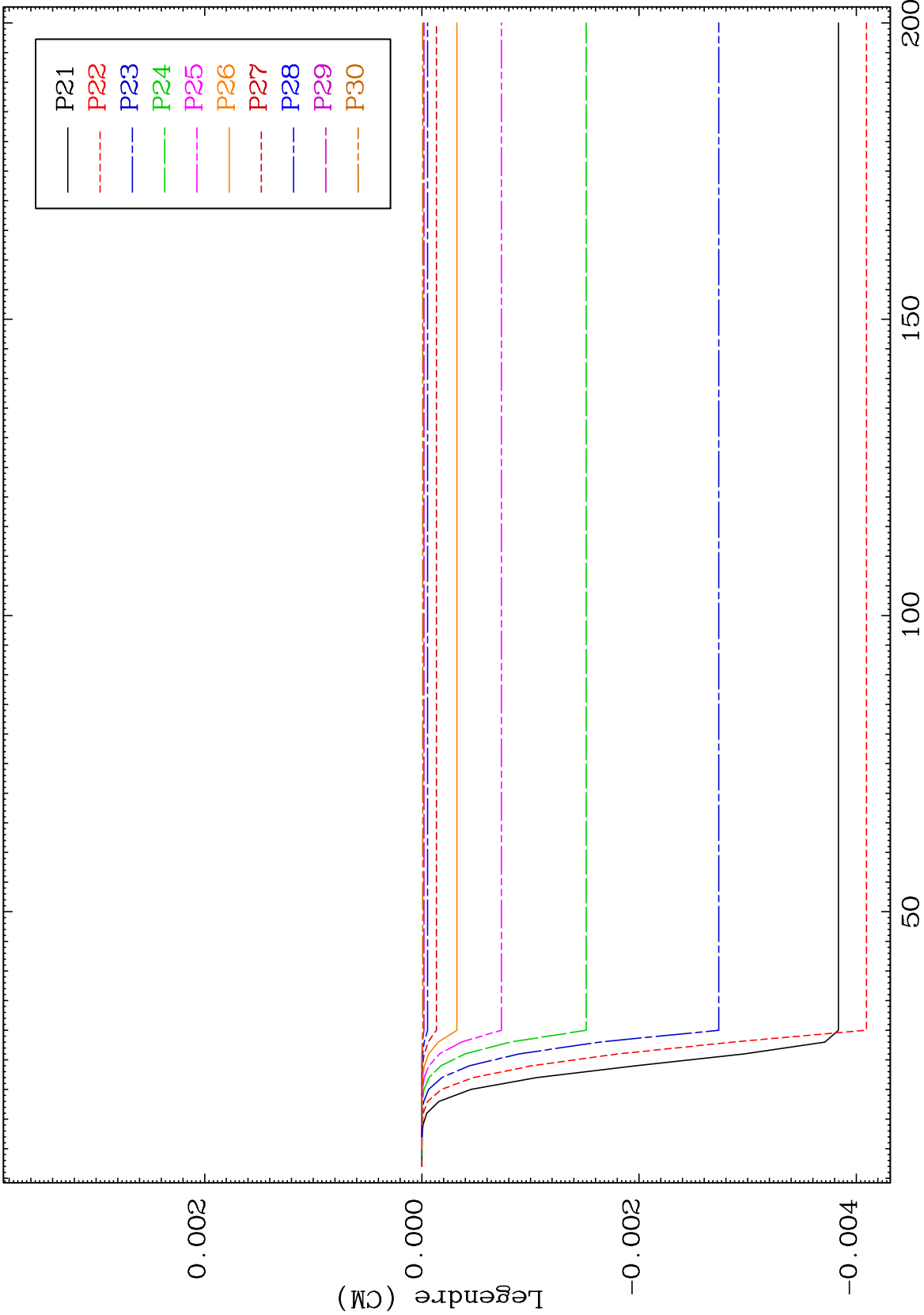
Incident Energy (MeV)

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MAT 8428

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

84-Po-207



33

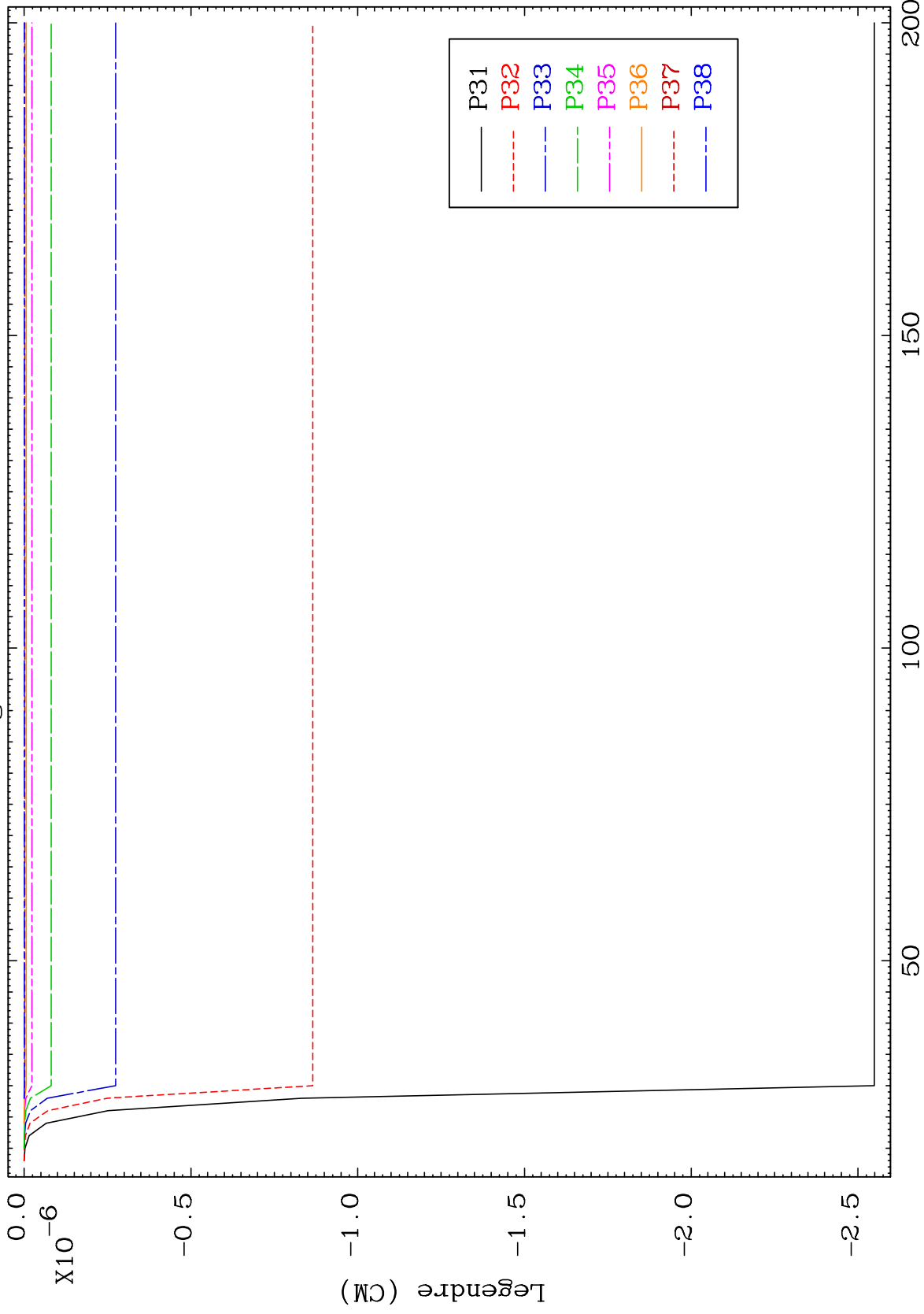
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



34

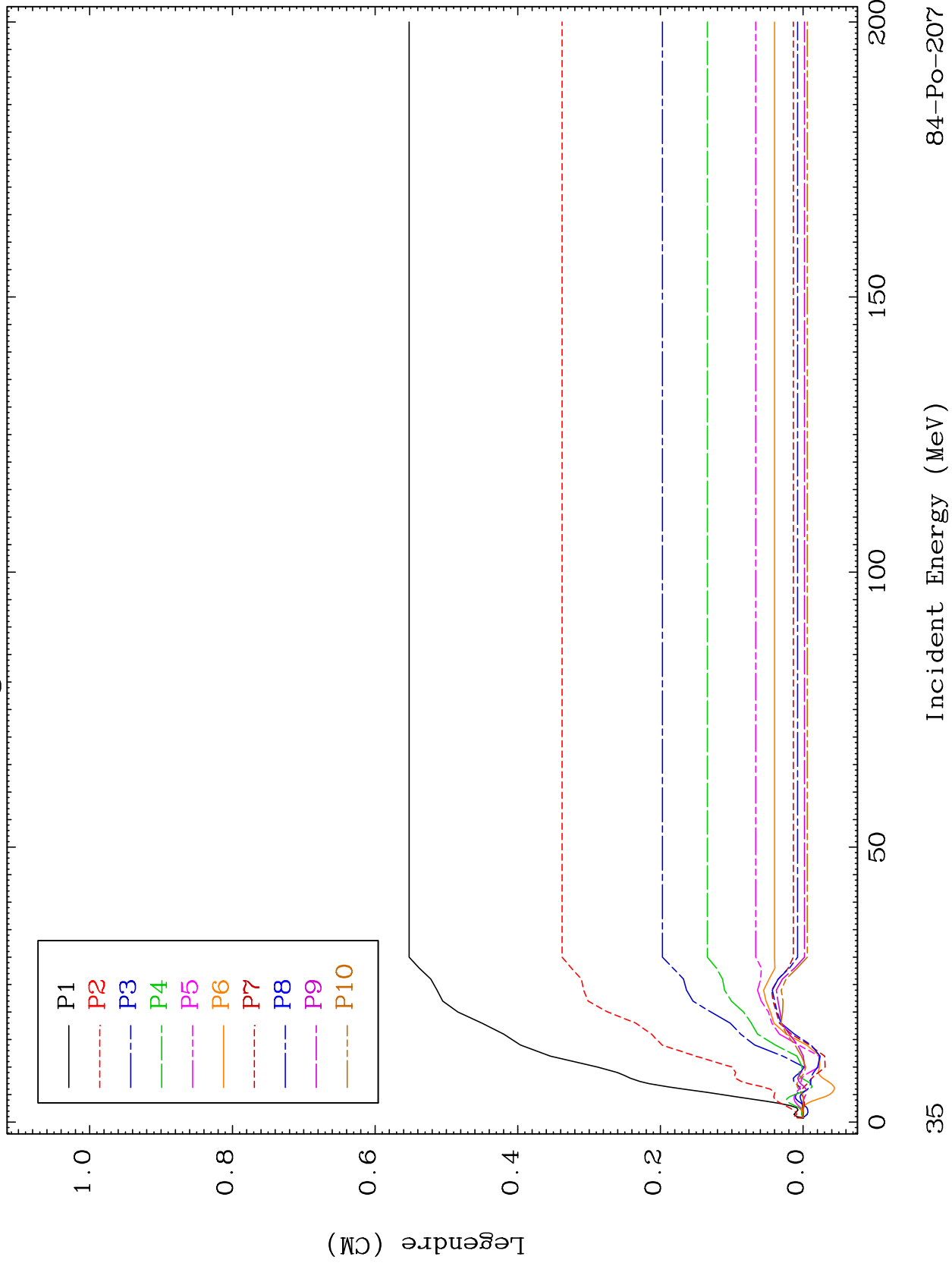
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



35

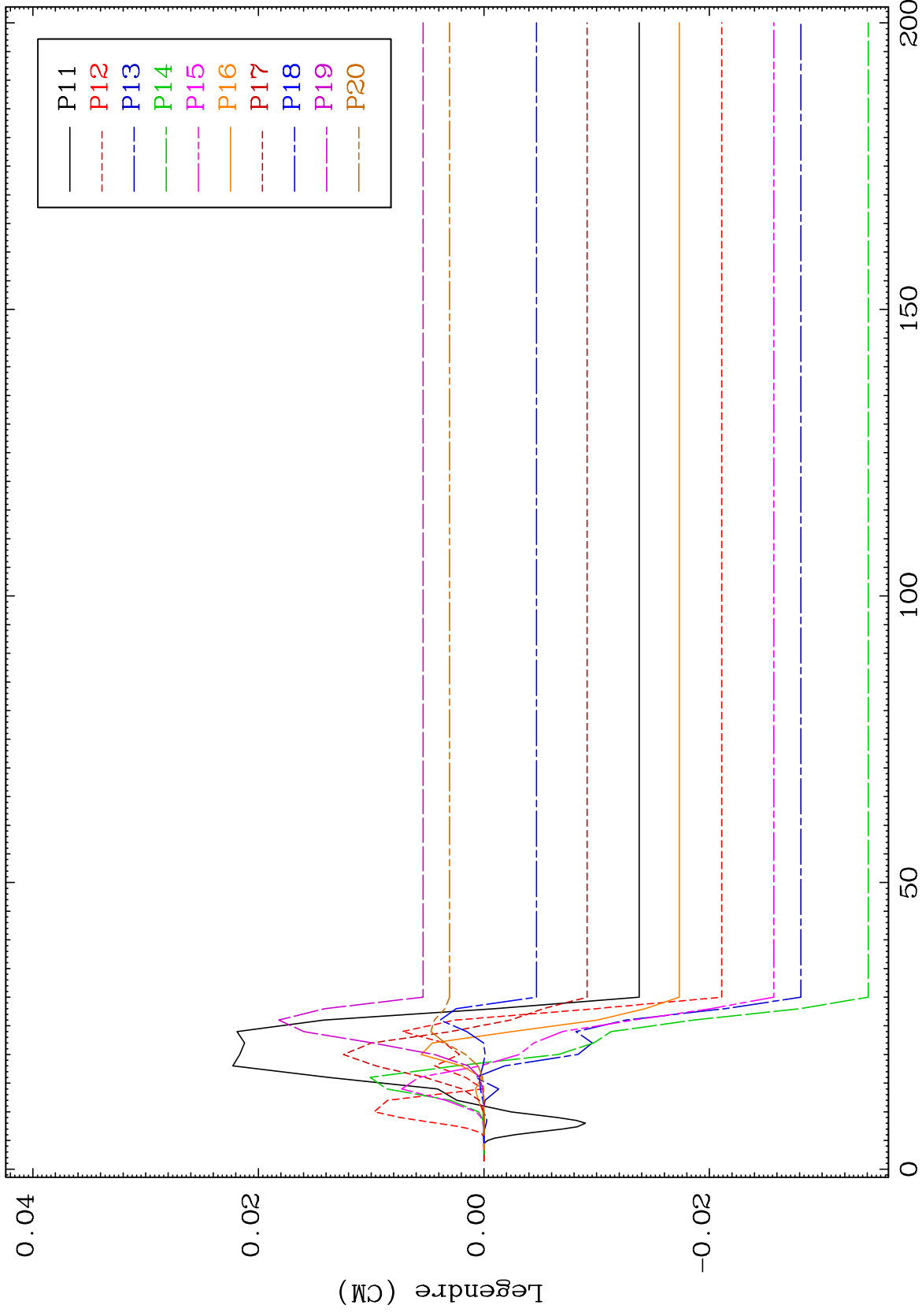
Incident Energy (MeV)

84-Po-207

MAT 8428

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

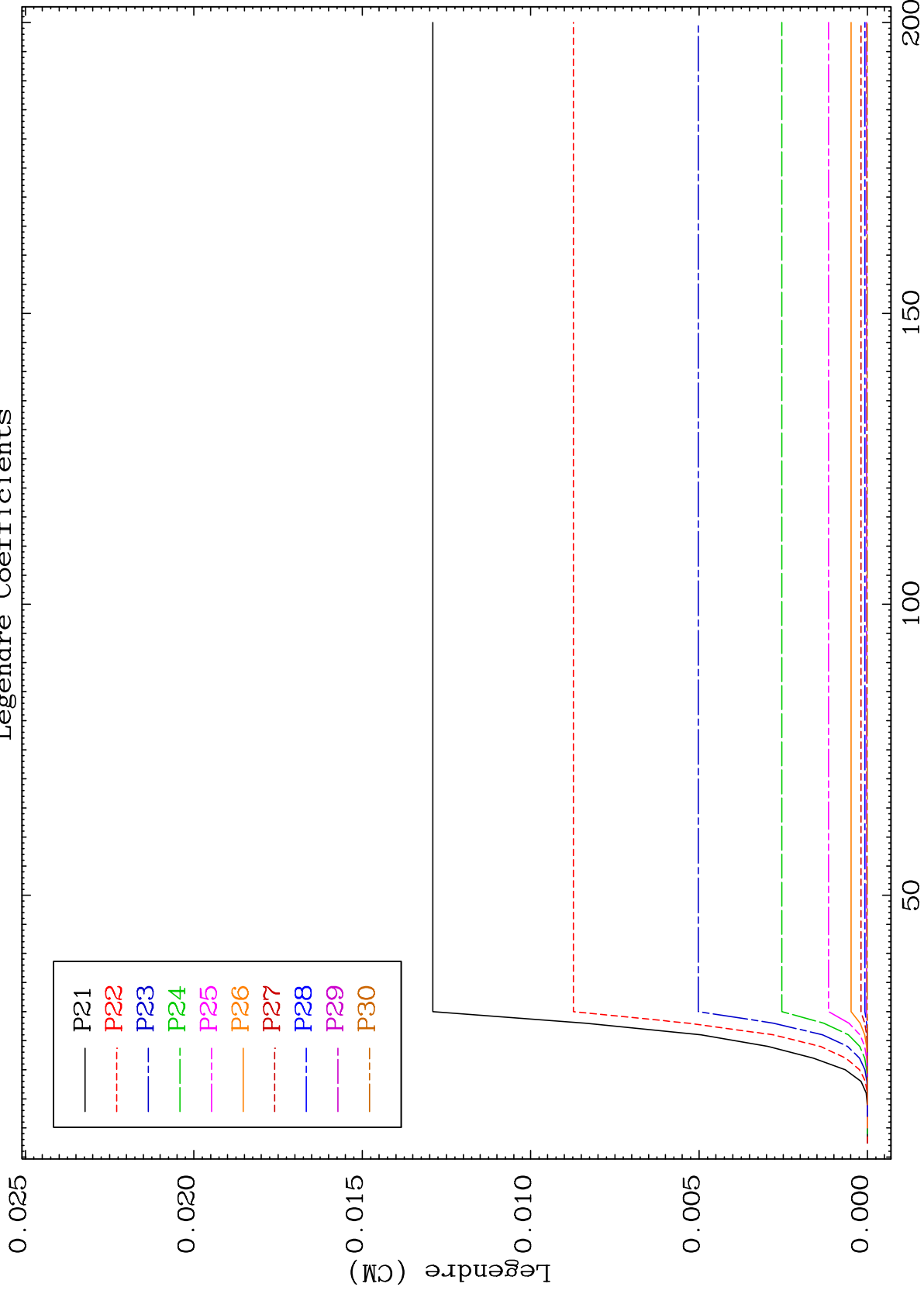
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36

Incident Energy (MeV)

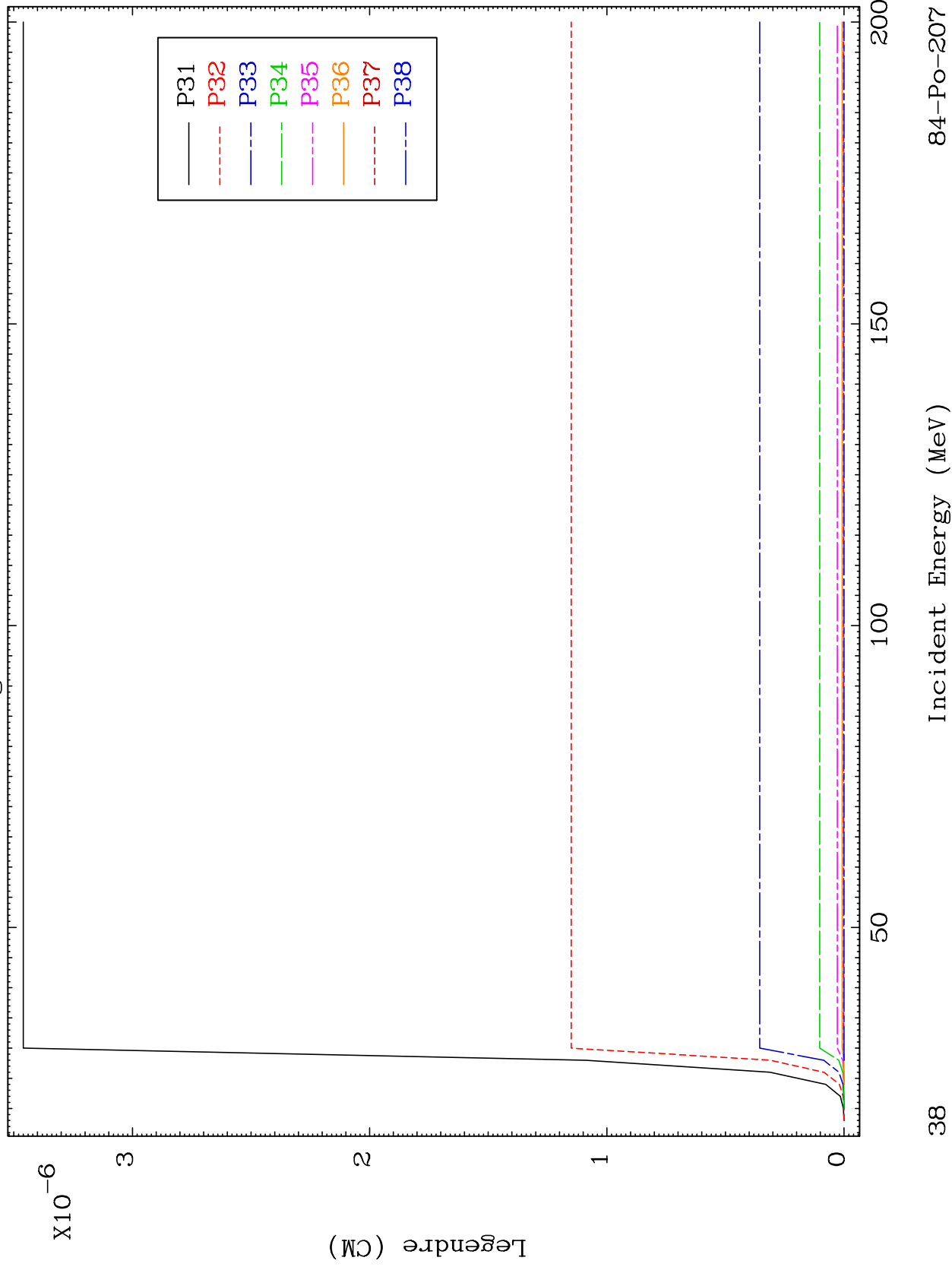
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MAT 8428

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

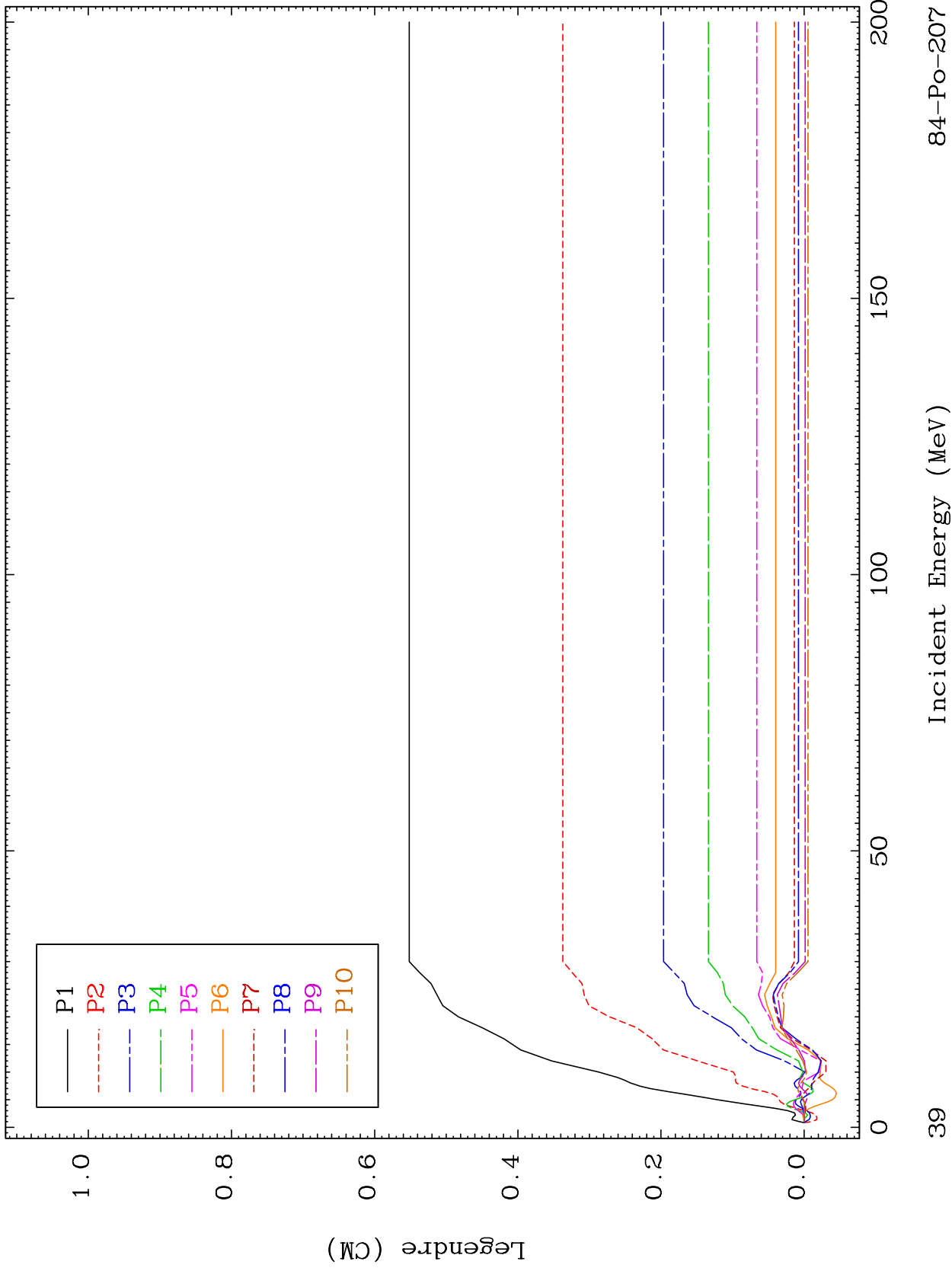
84-Po-207



38

Incident Energy (MeV)

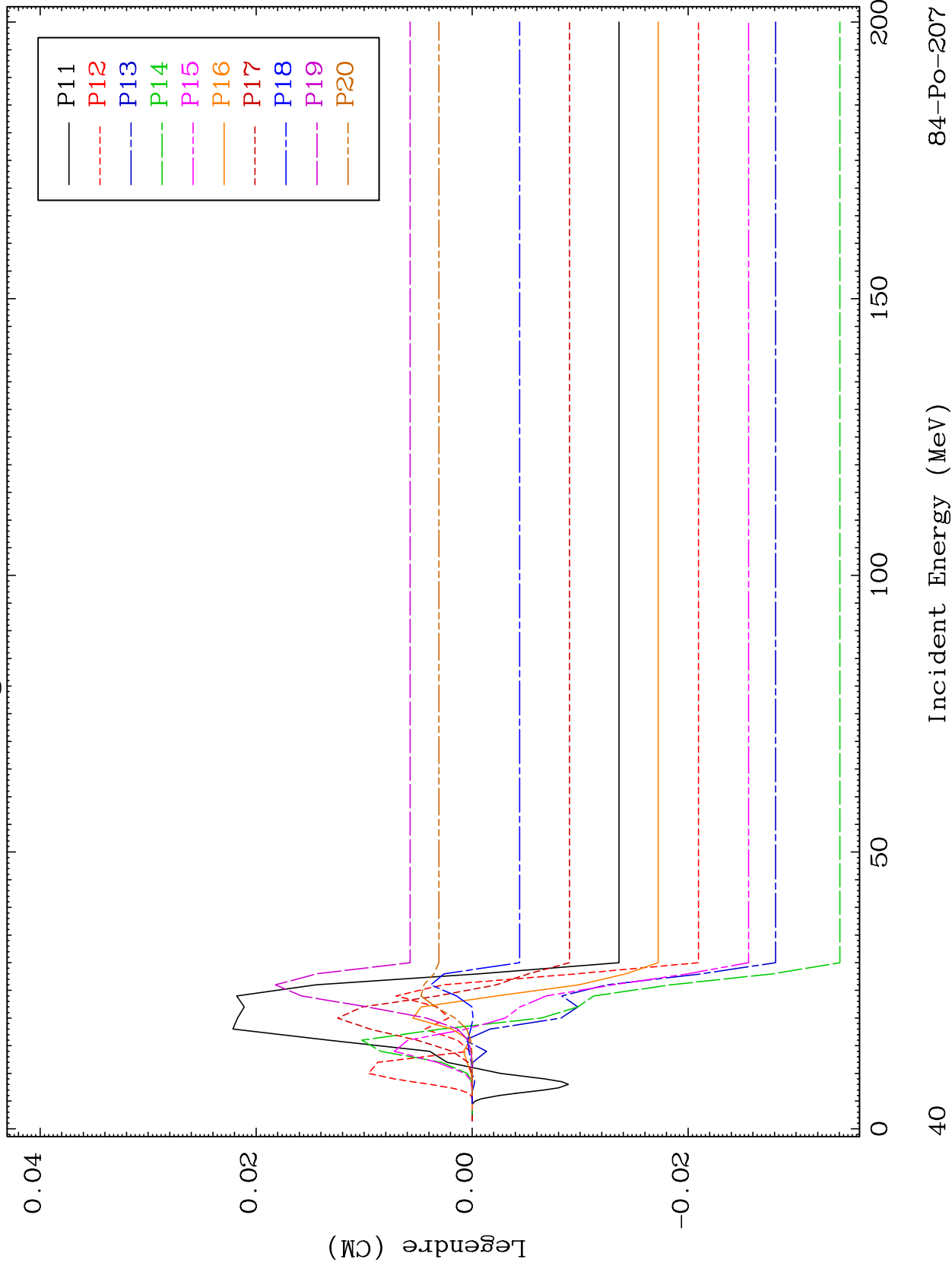
84-Po-207



MAT 8428

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

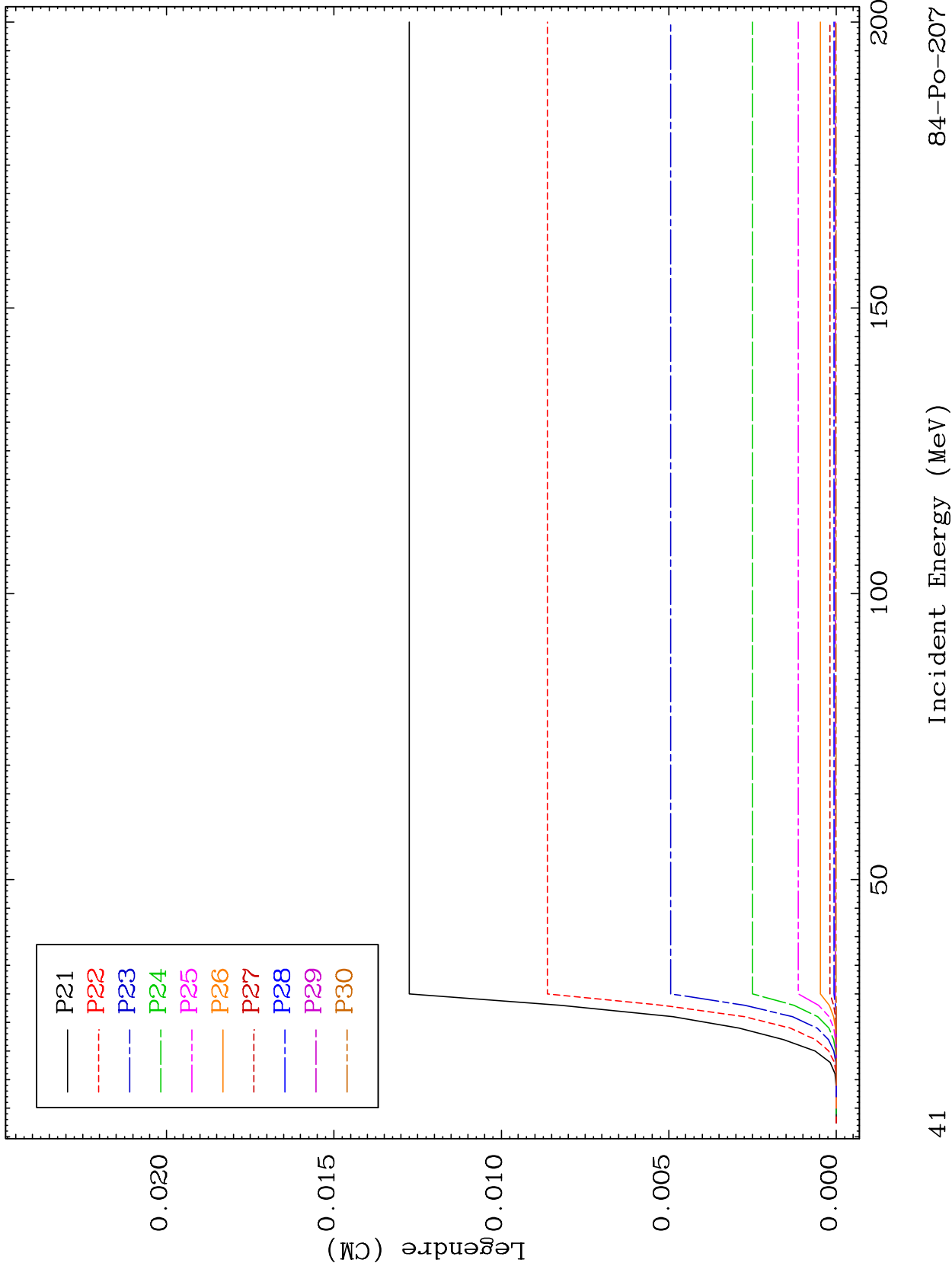
84-Po-207



84-Po-207

Incident Energy (MeV)

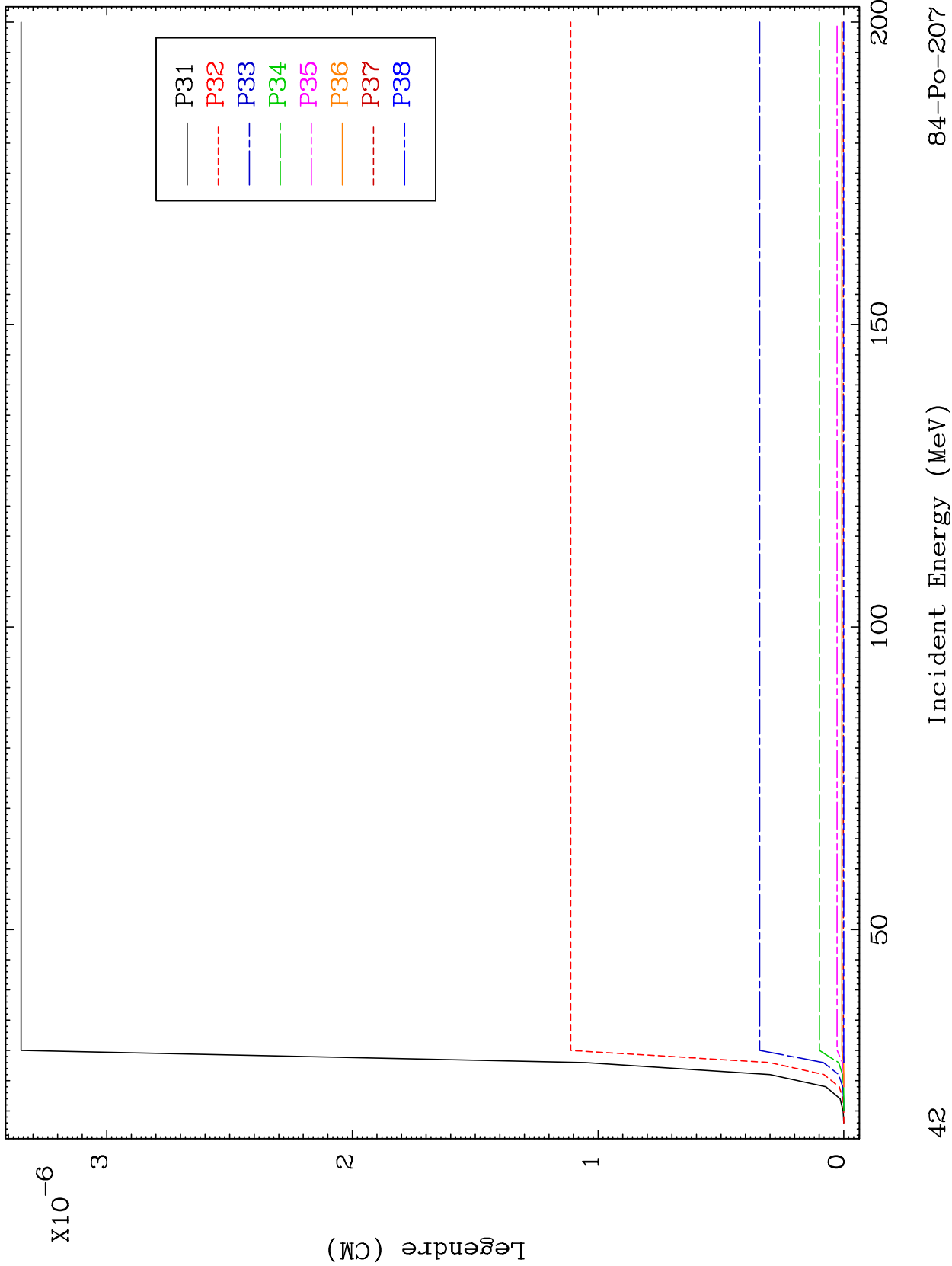
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MAT 8428

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

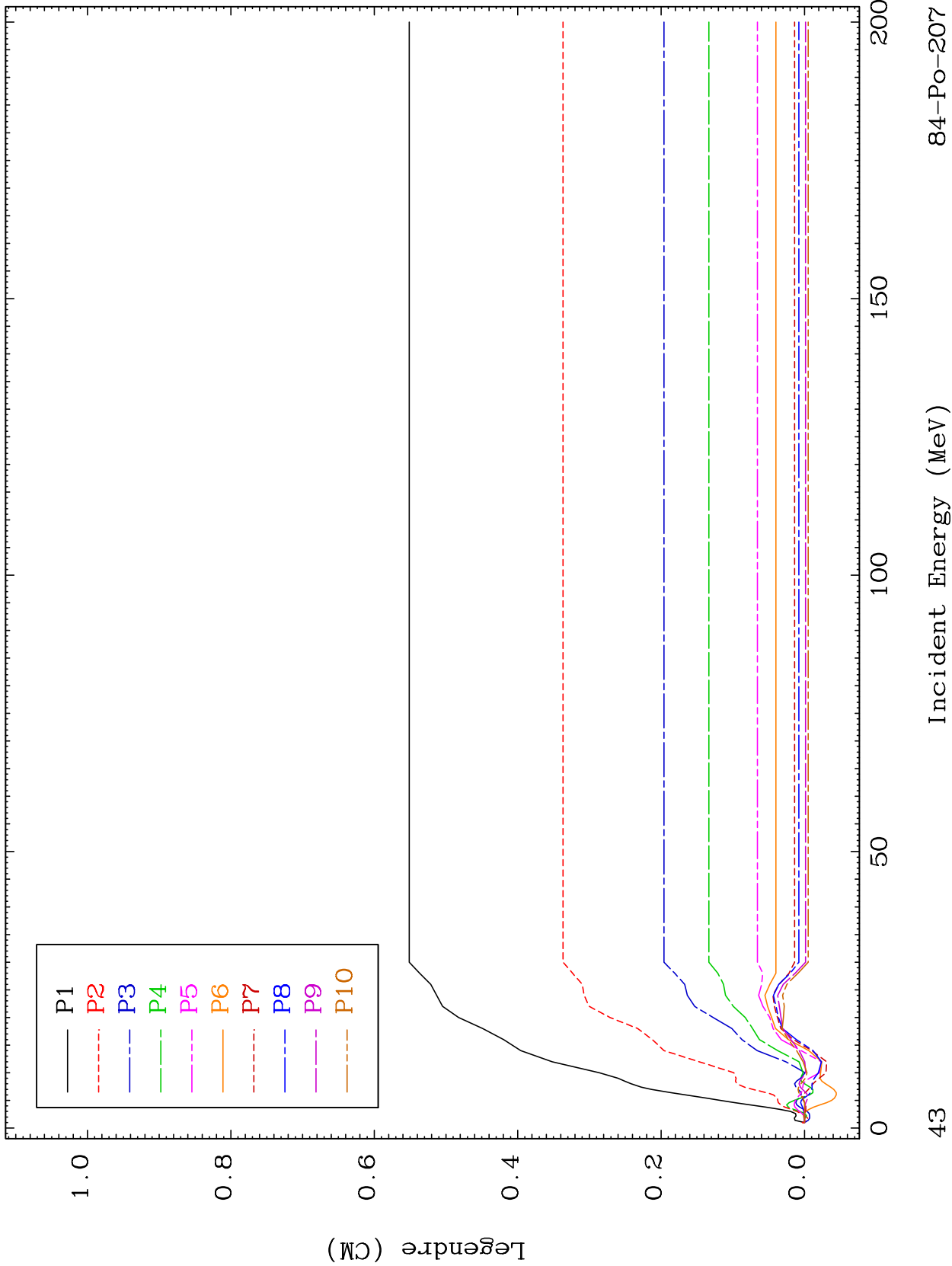
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MAT 8428

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

84-Po-207



43

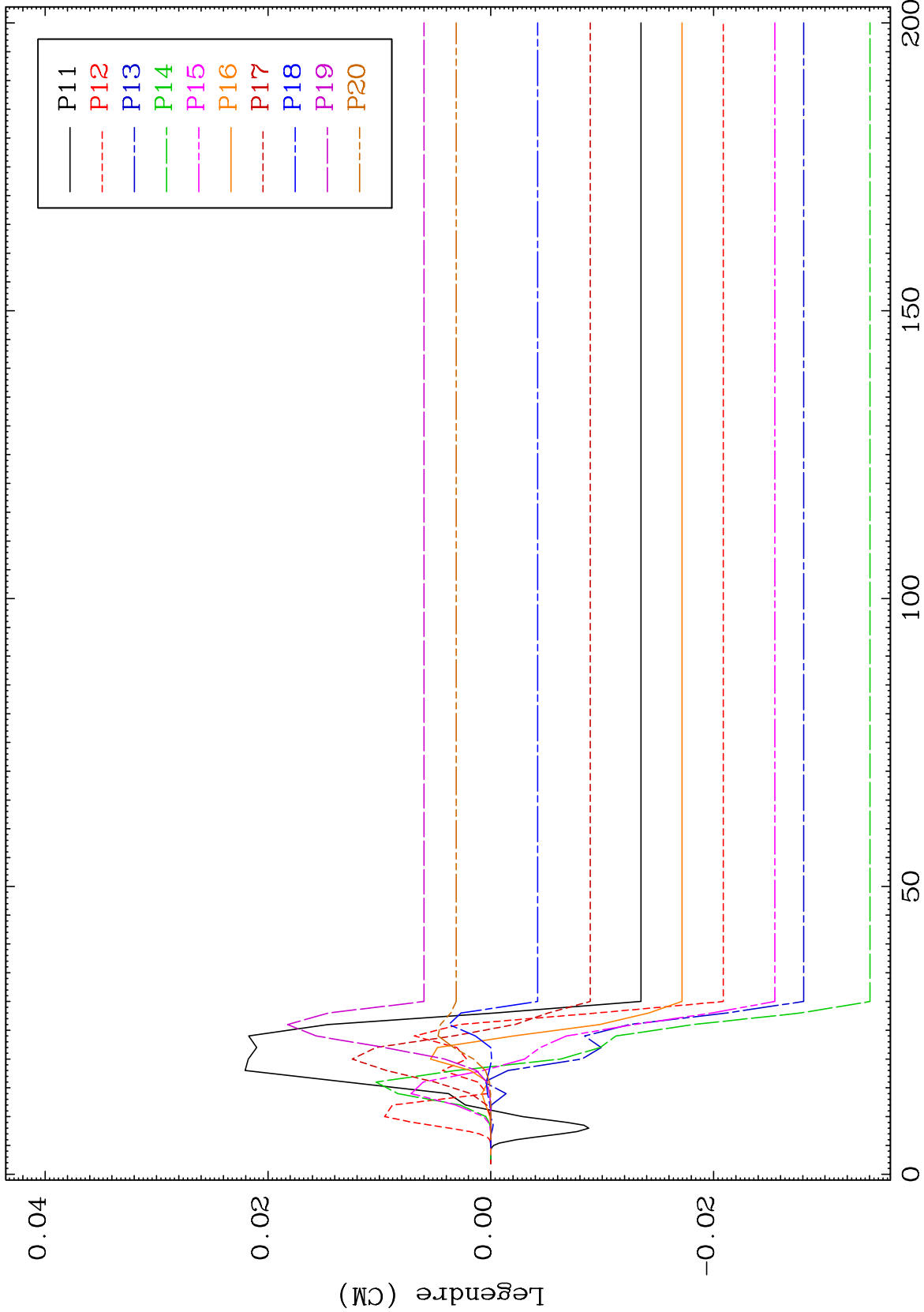
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



44

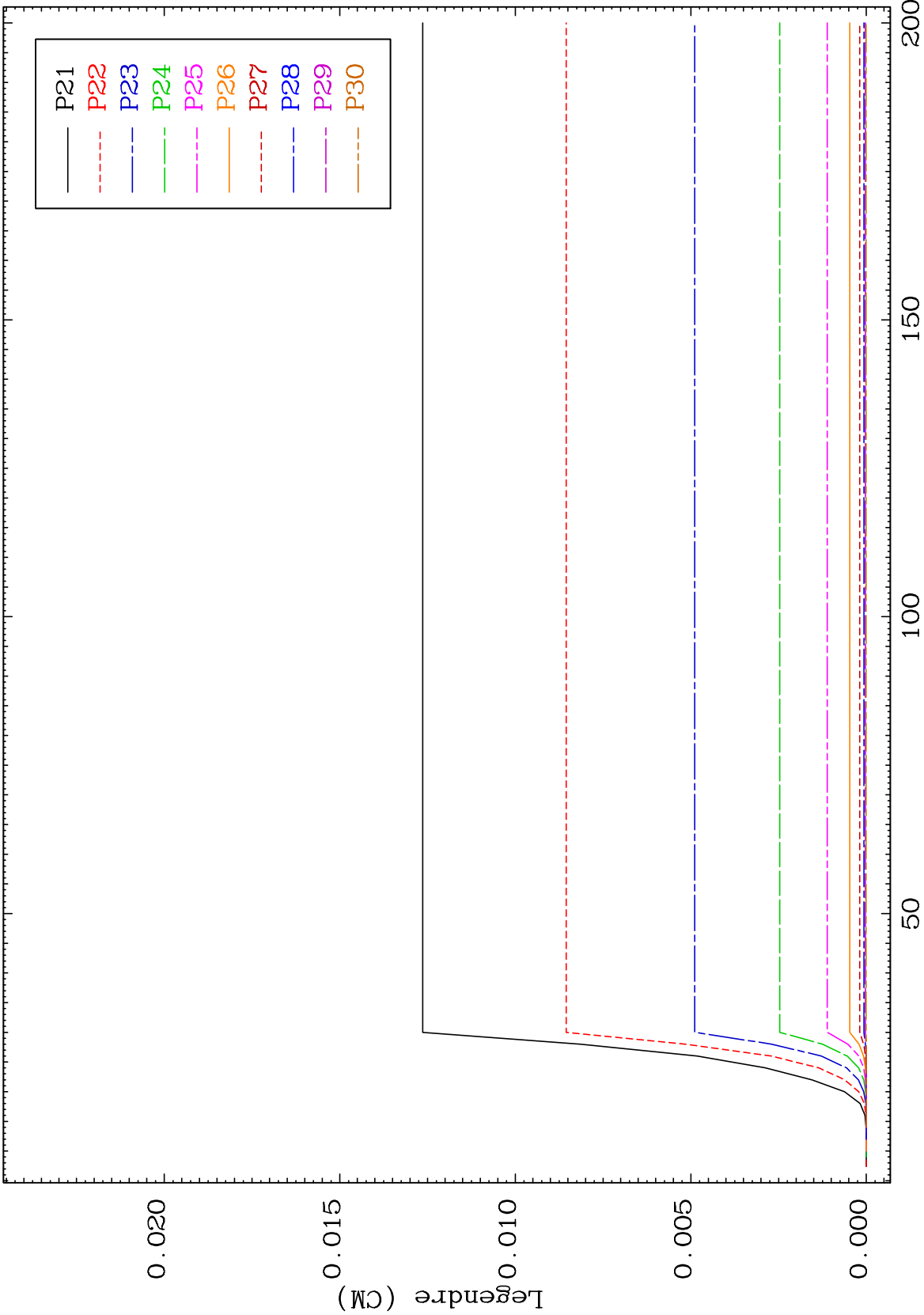
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



45

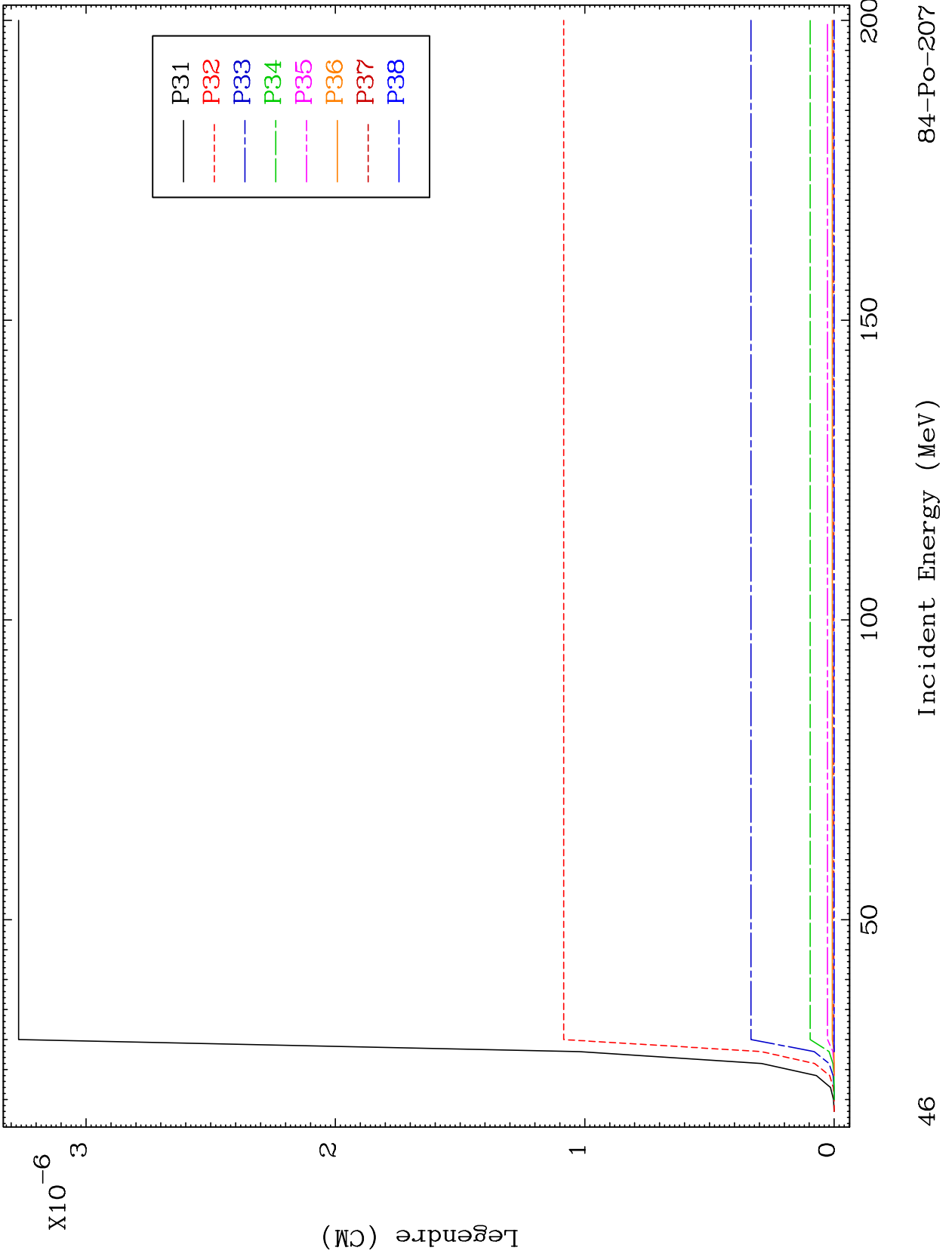
Incident Energy (MeV)

84-Po-207

MAT 8428

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

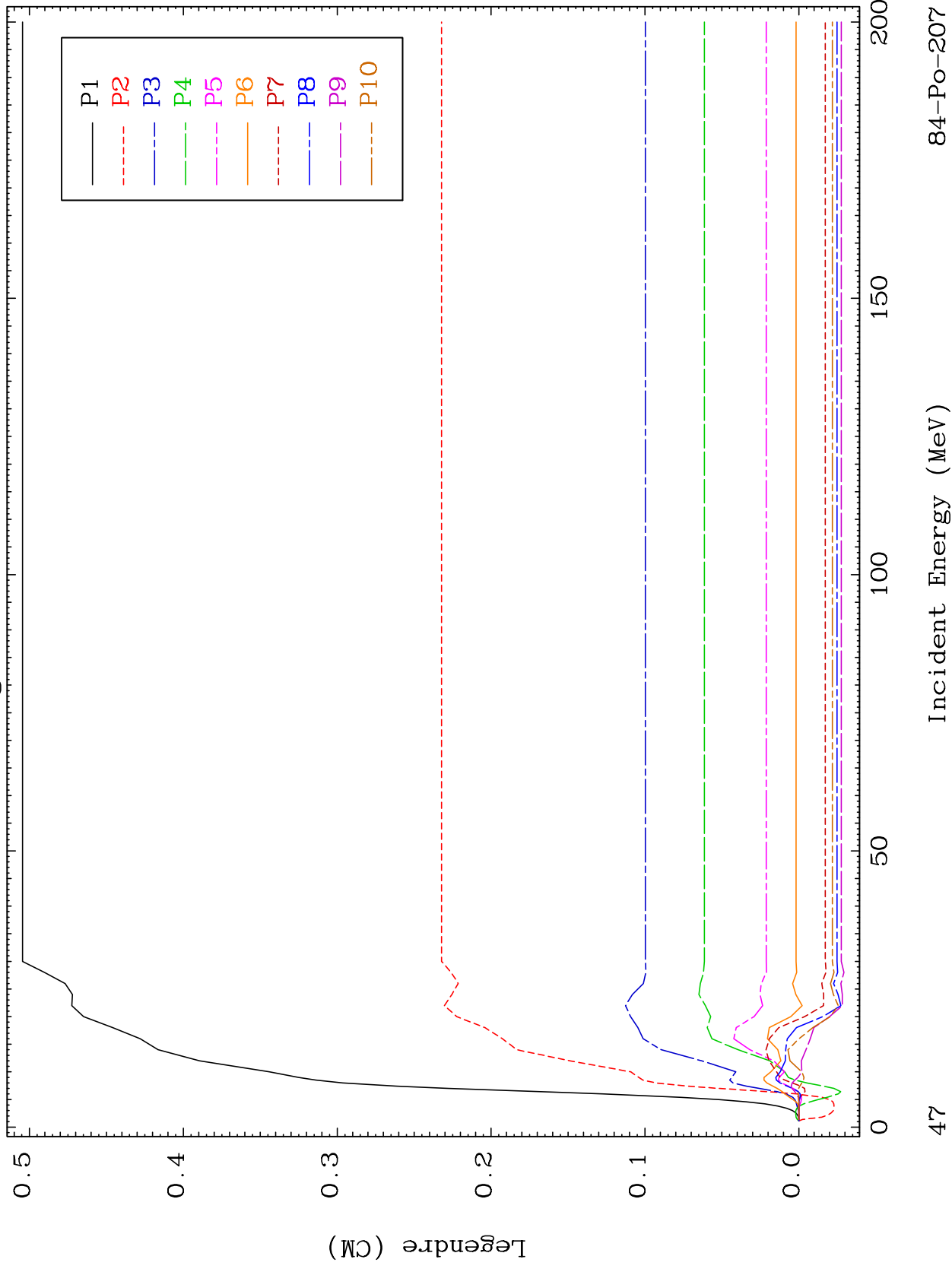
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MAT 8428

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

84-Po-207



47

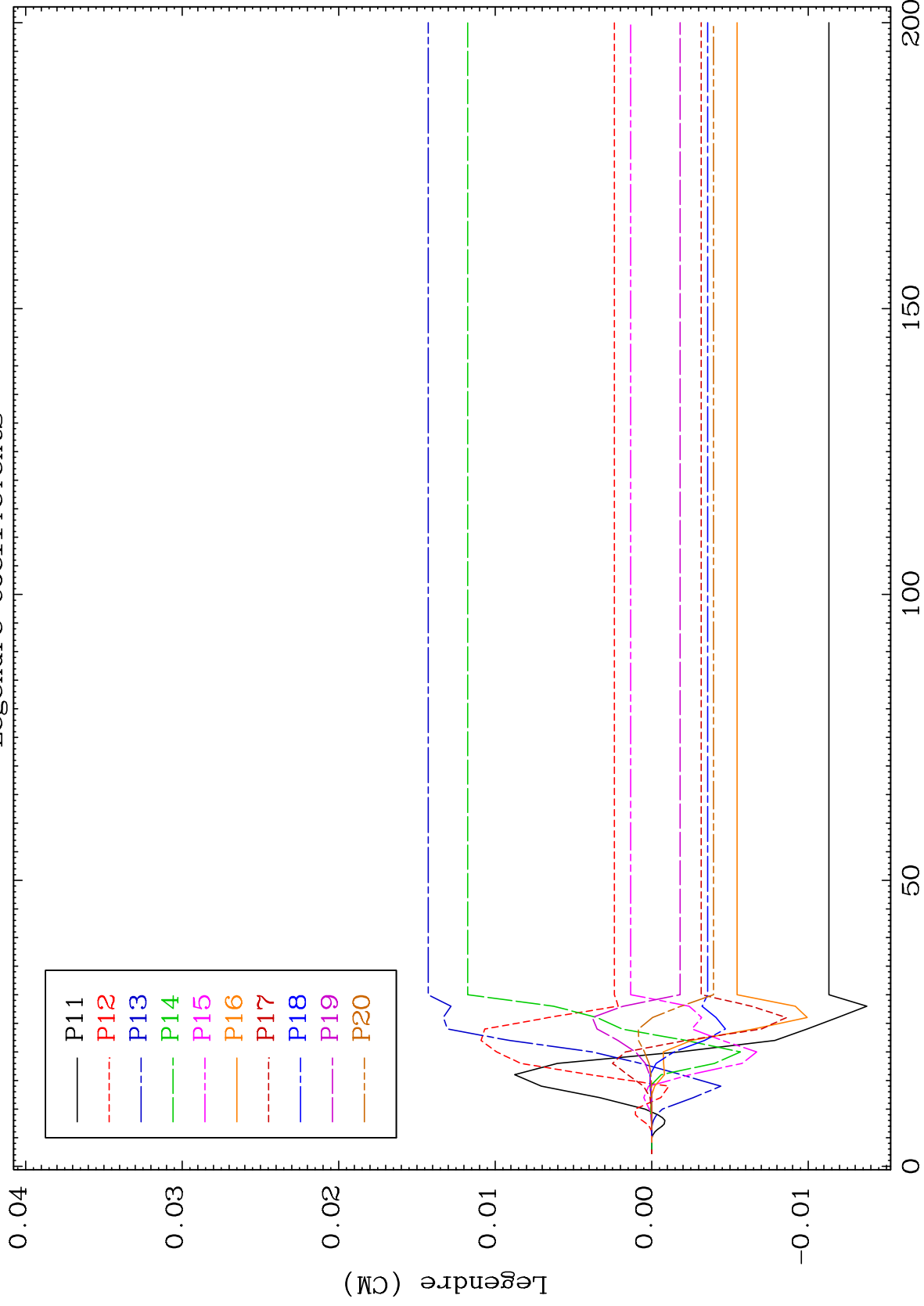
Incident Energy (MeV)

84-Po-207

MAT 8428

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

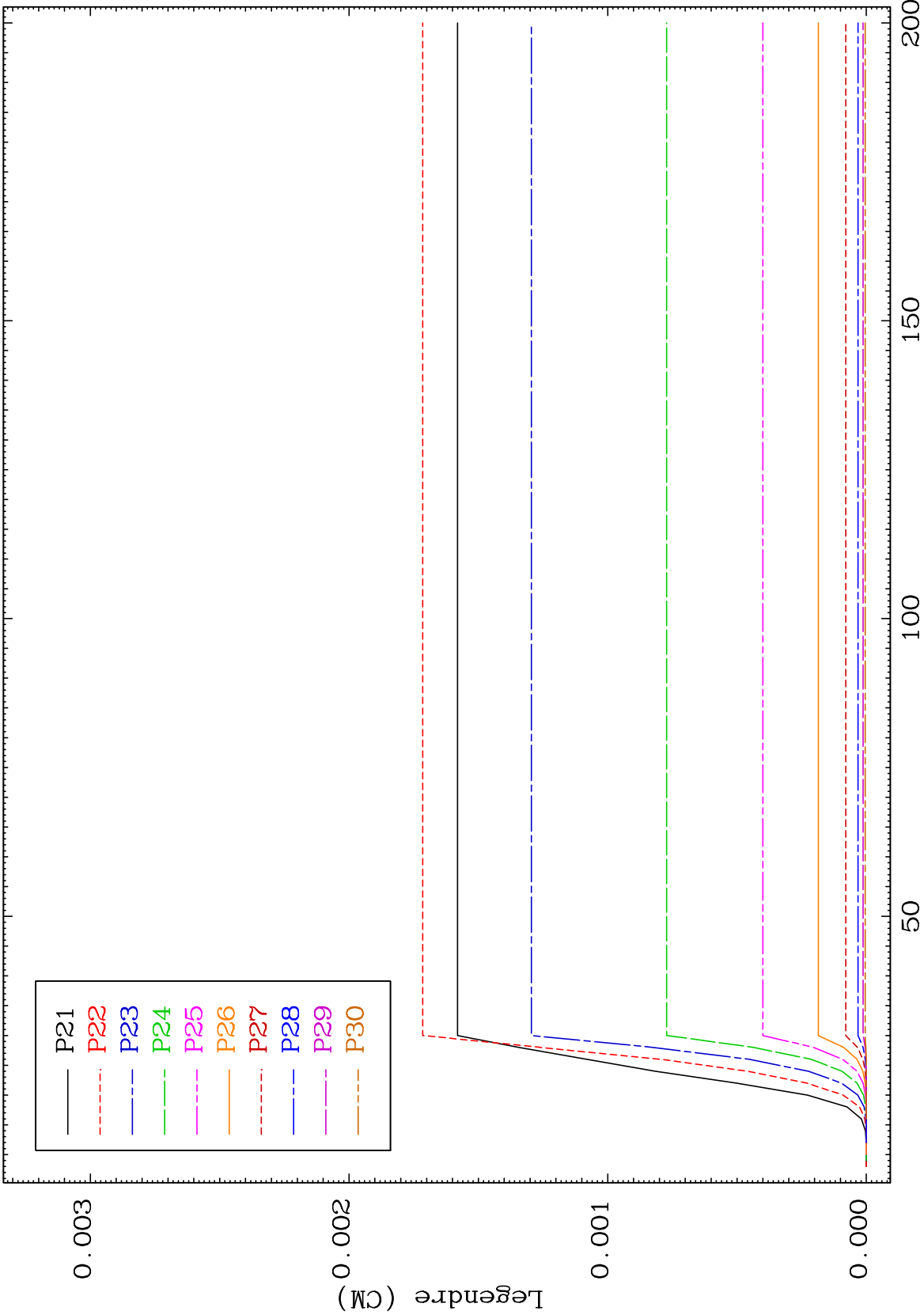
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48

Incident Energy (MeV)

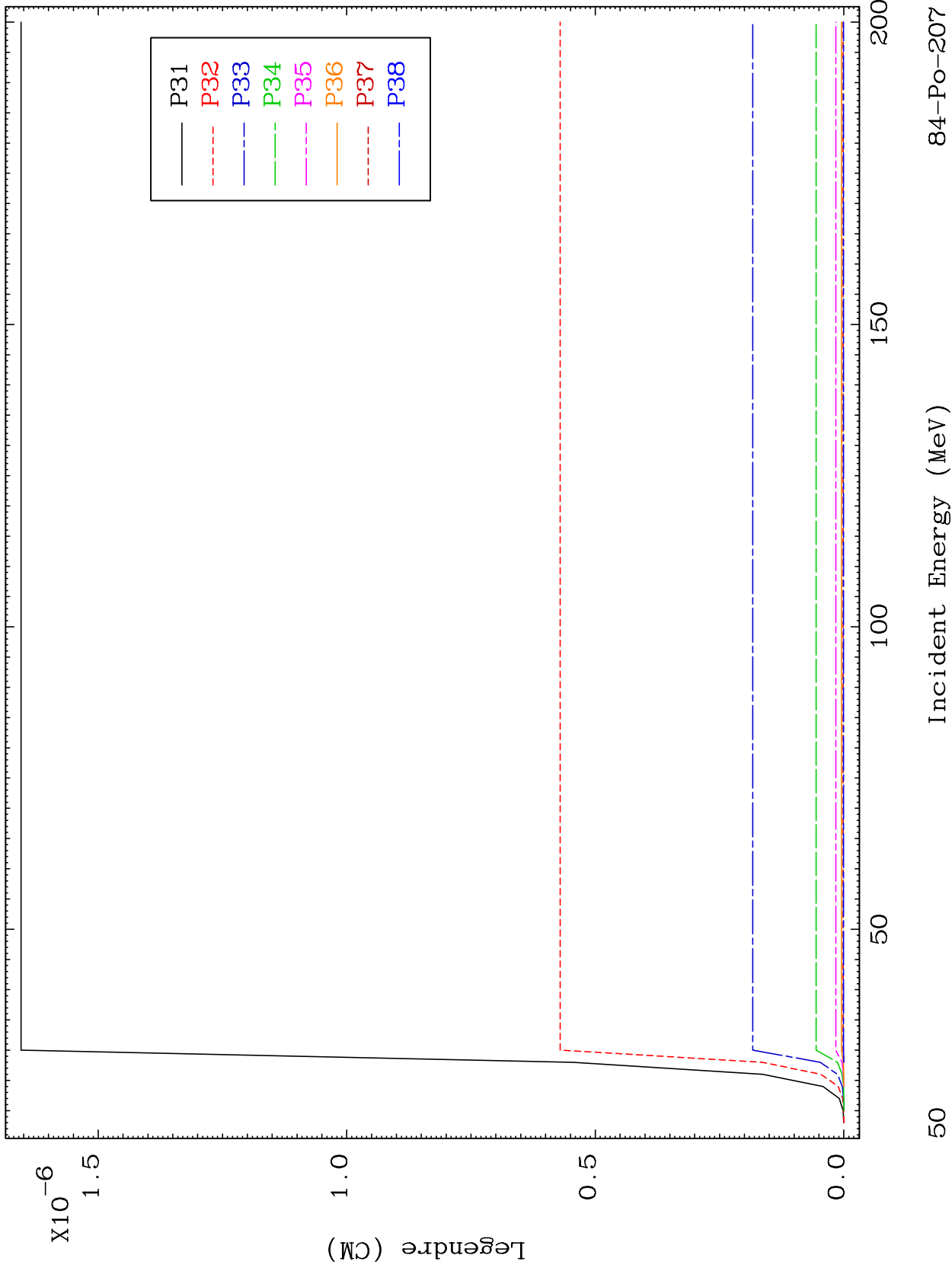
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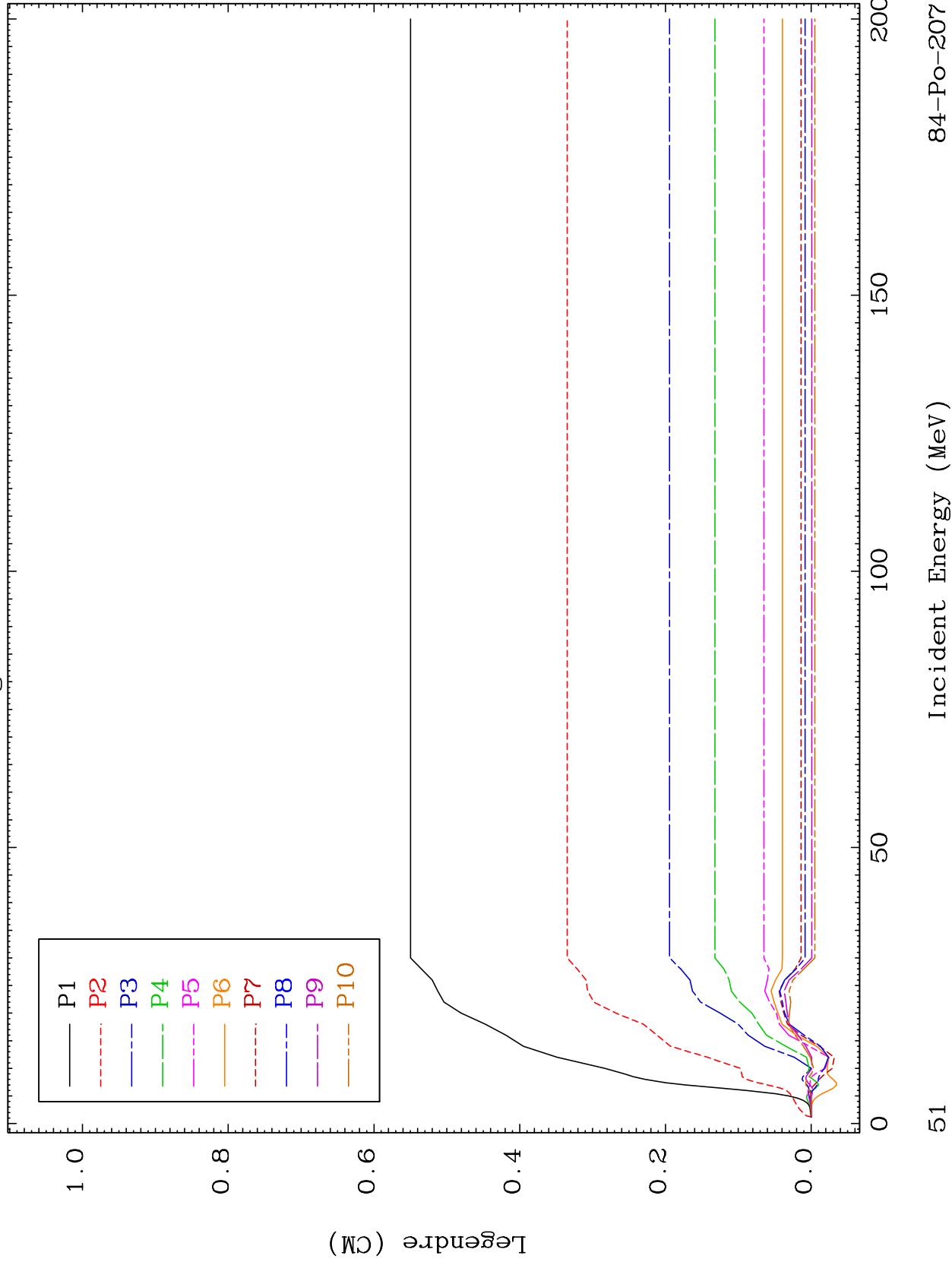


MAT 8428

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

84-Po-207

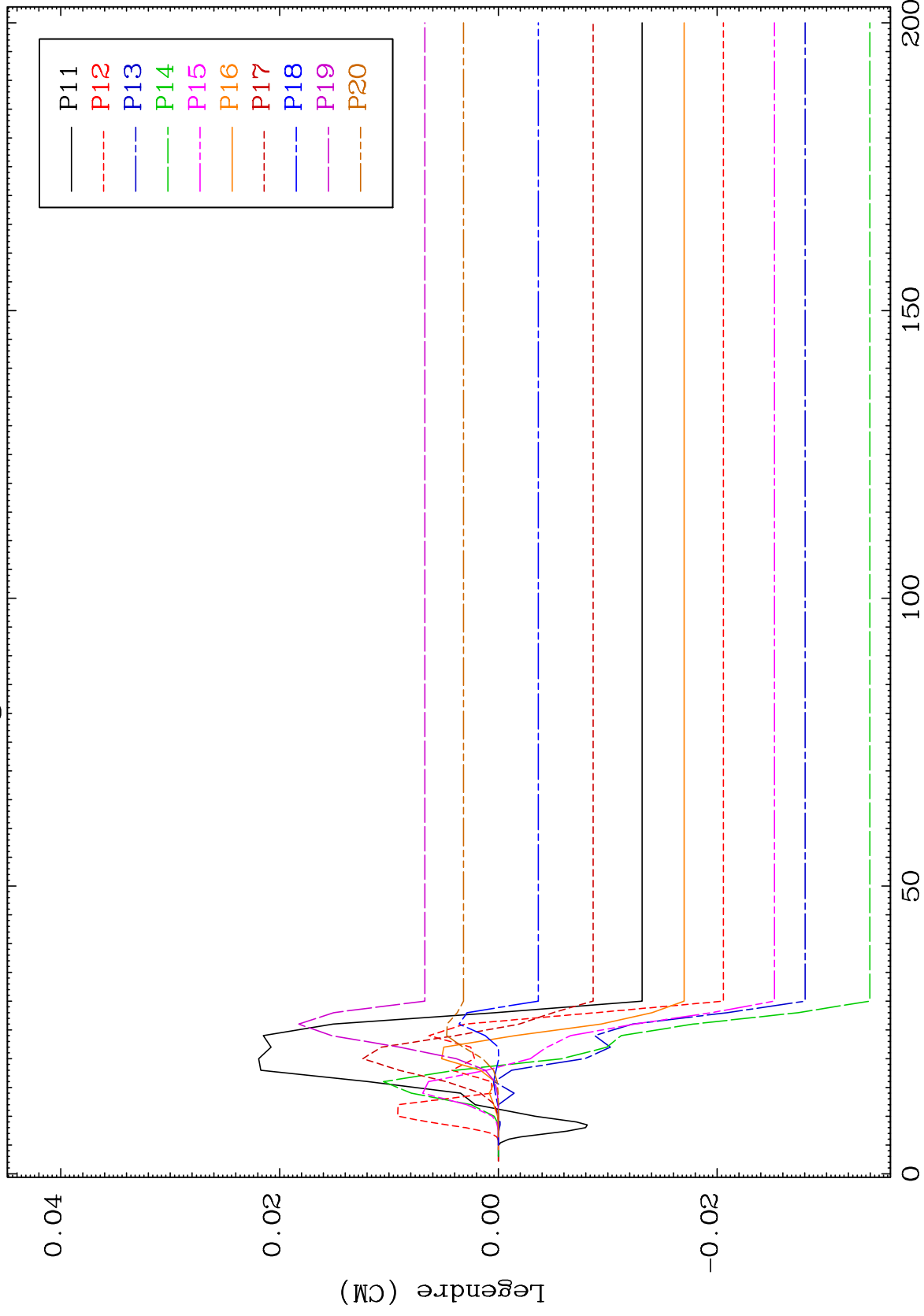




MAT 8428

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

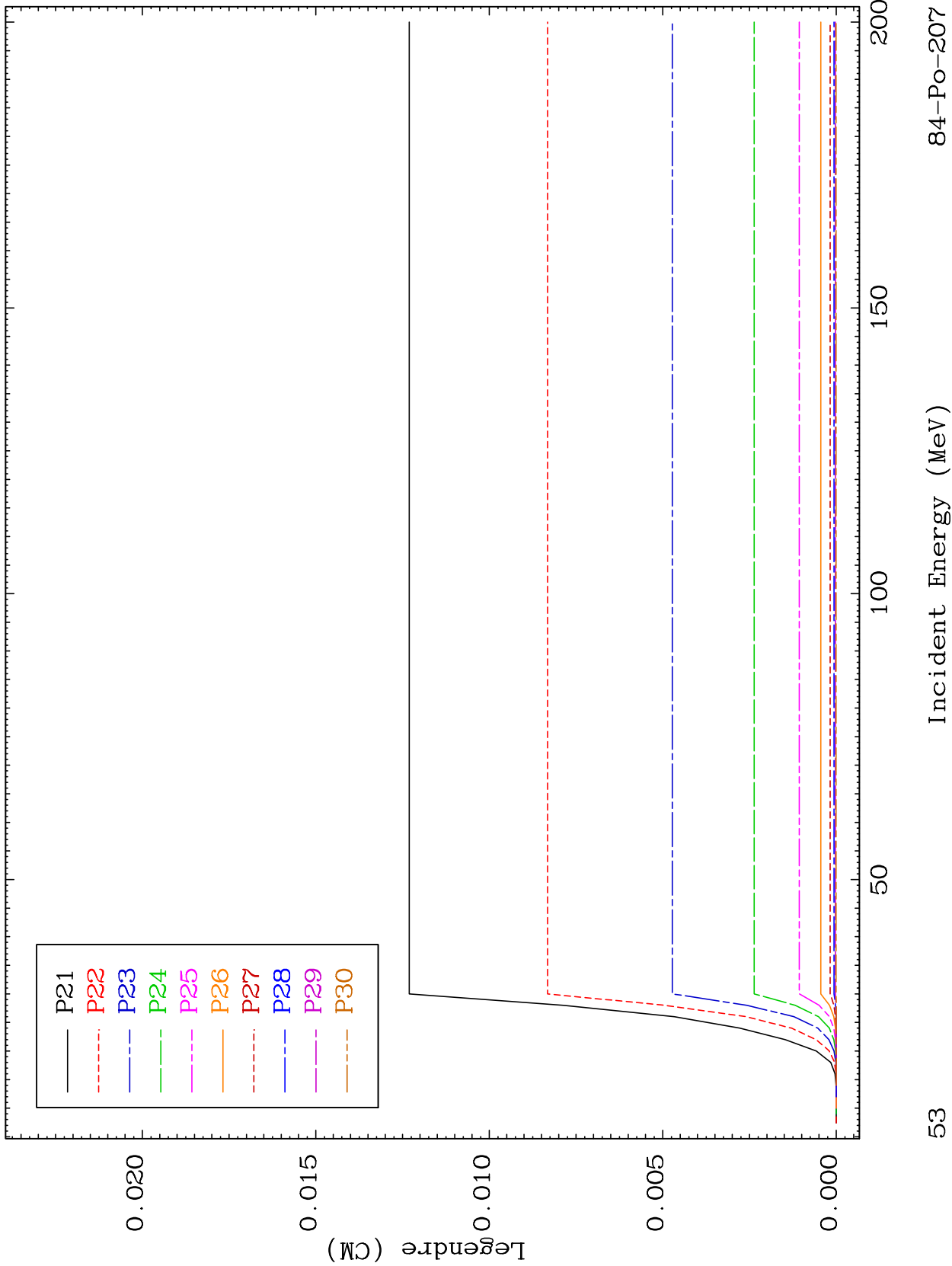
84-Po-207



52

Incident Energy (MeV)

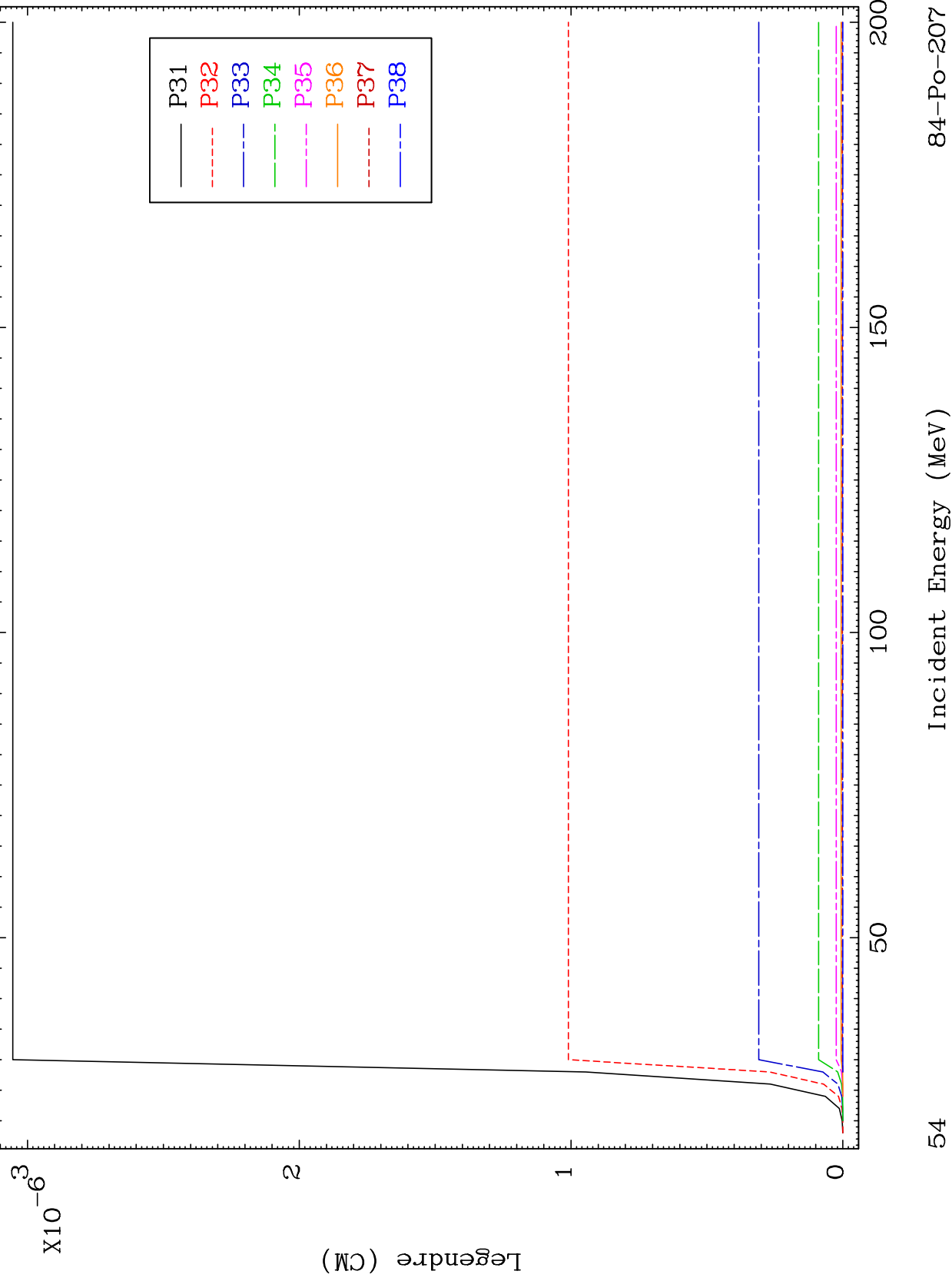
84-Po-207



MAT 8428

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

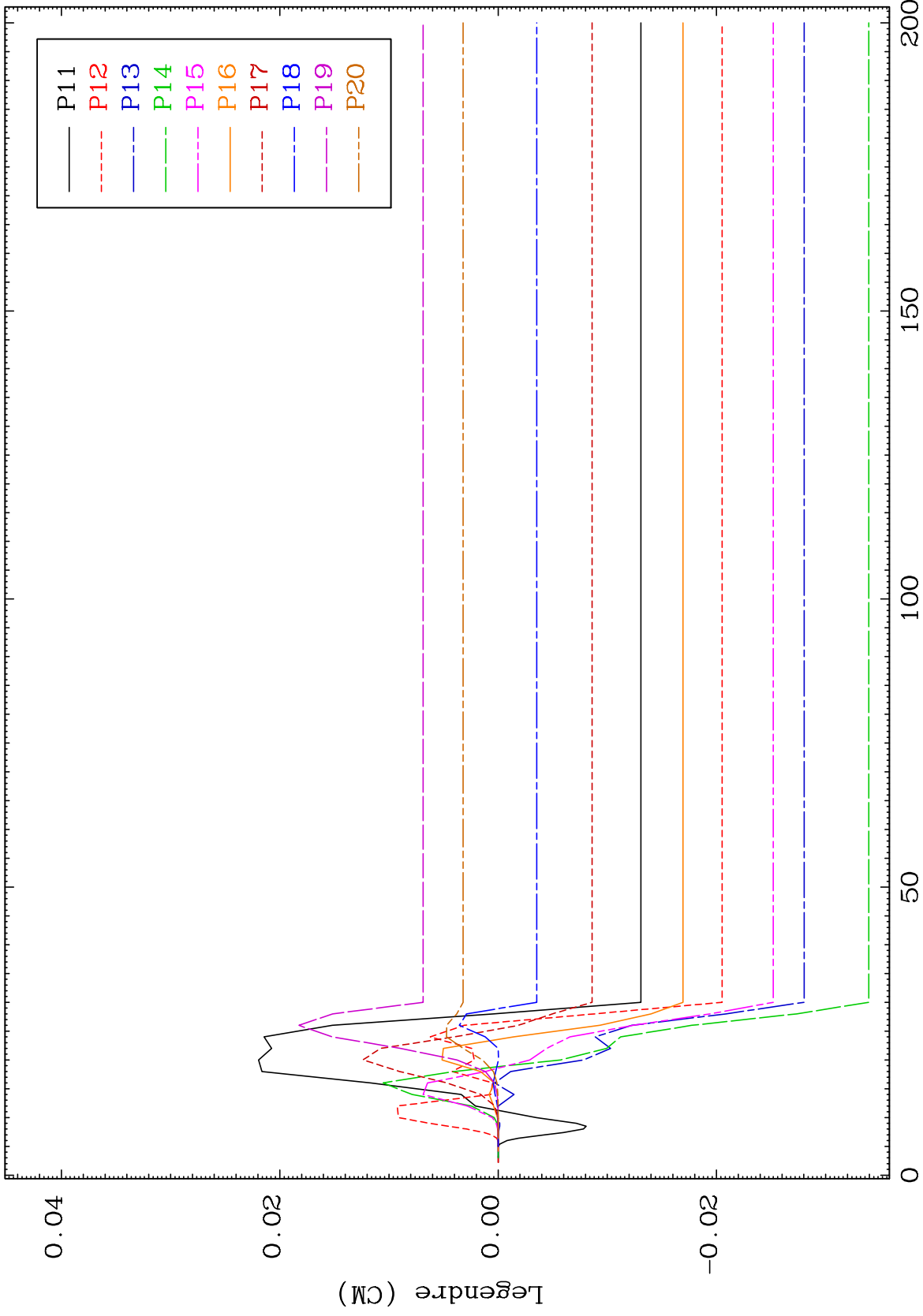
84-Po-207



MAT 8428

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

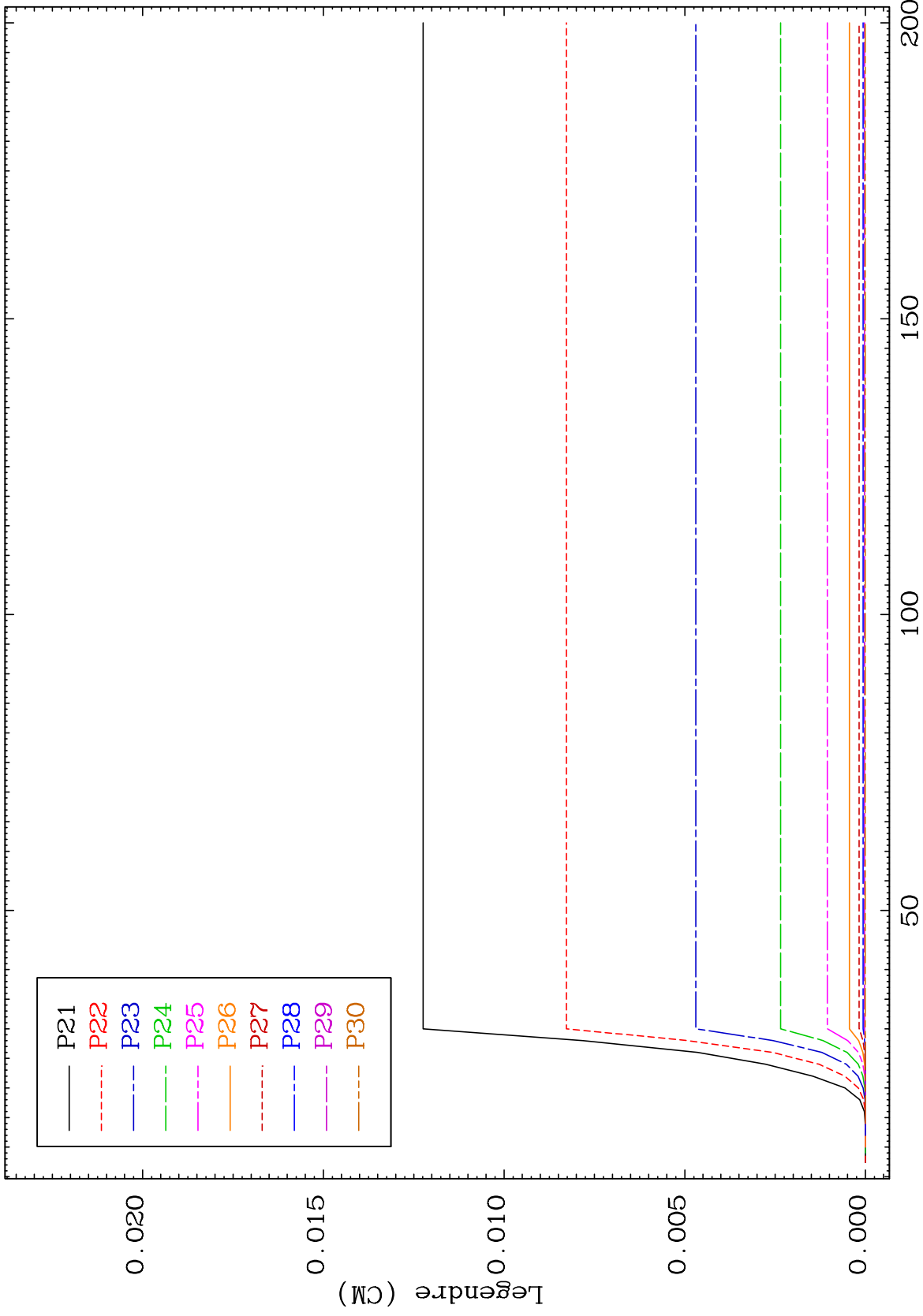
84-Po-207



56

Incident Energy (MeV)

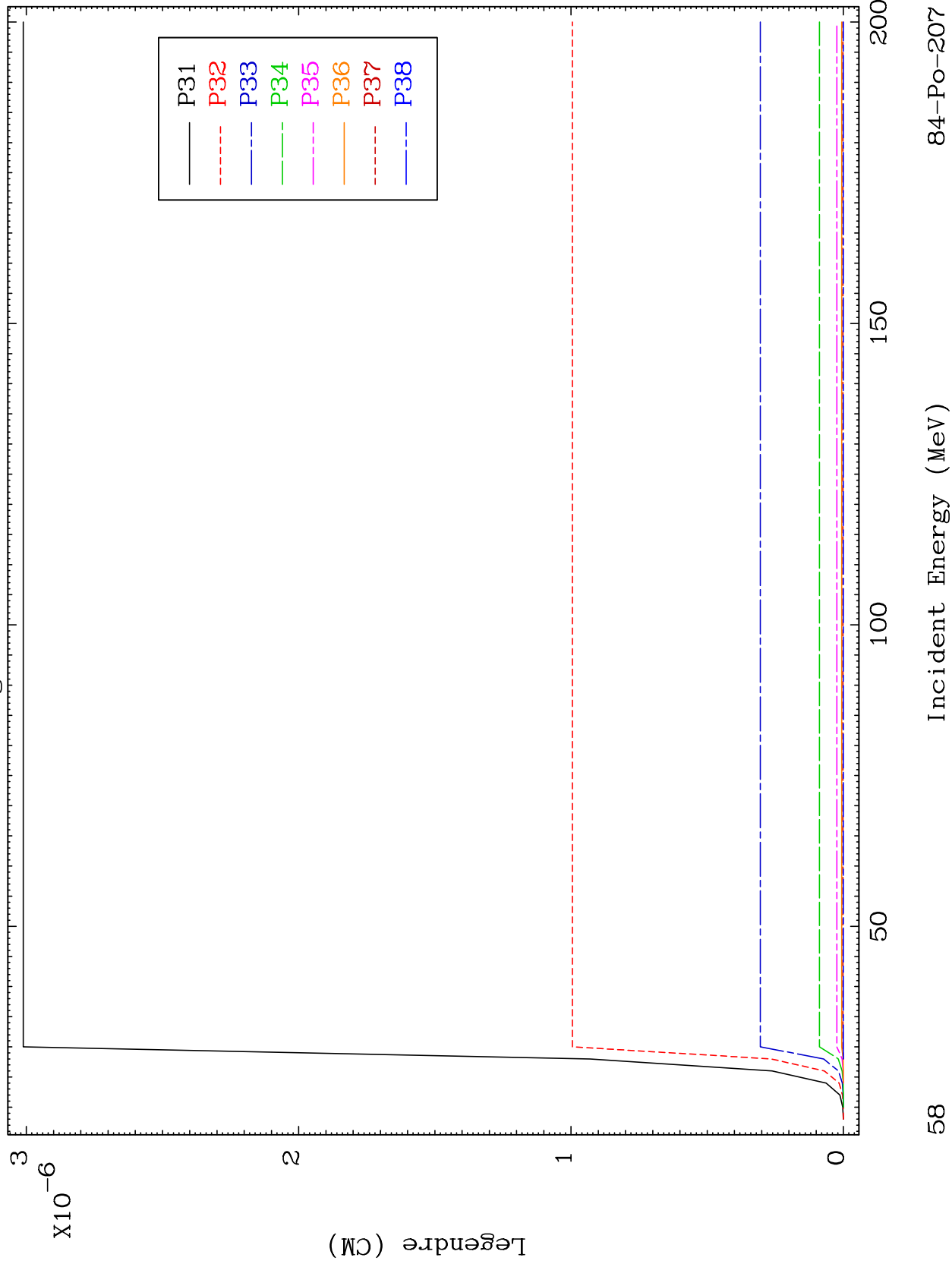
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MAT 8428

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

84-Po-207



84-Po-207

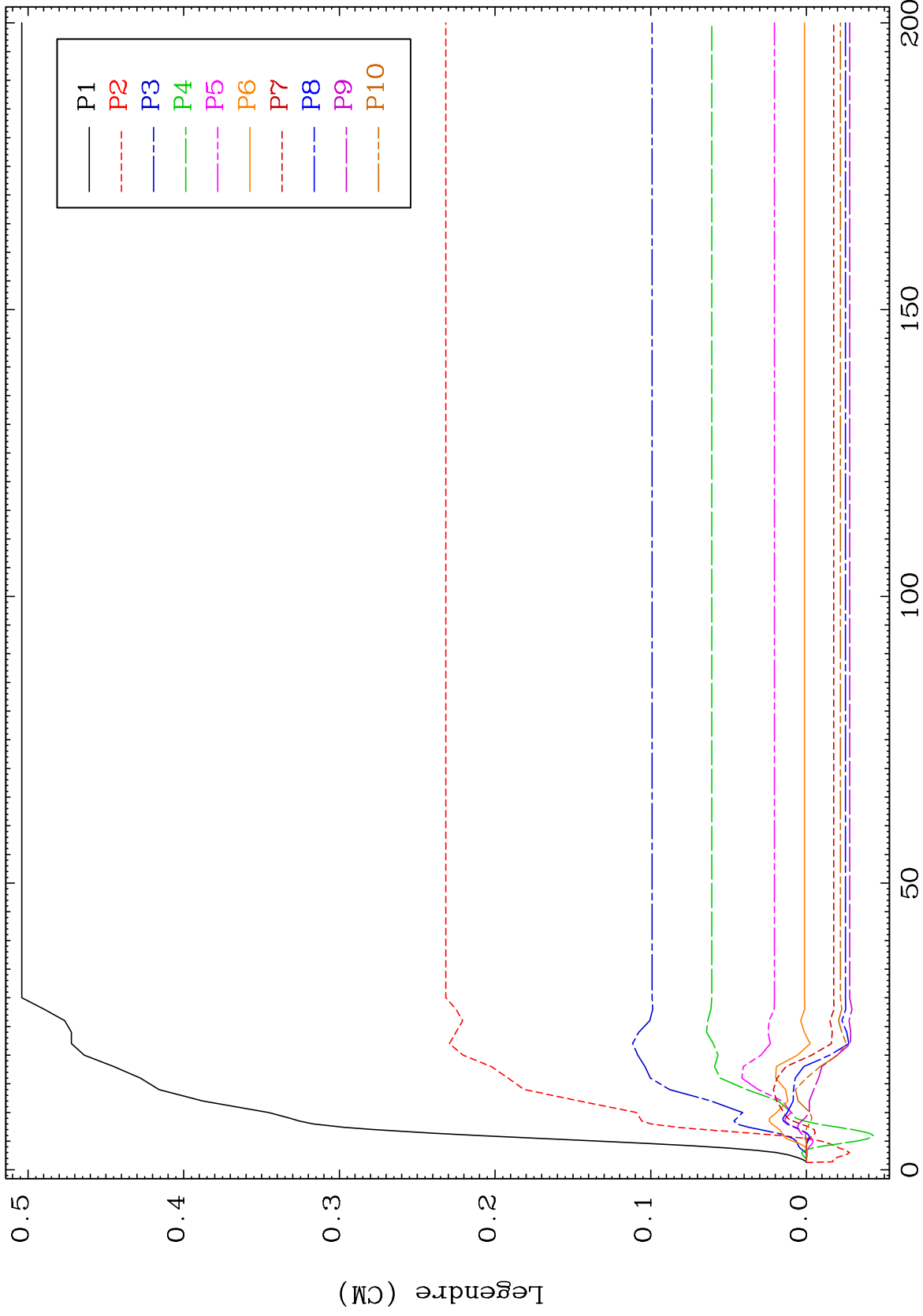
Incident Energy (MeV)

58

MAT 8428

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

84-Po-207



59

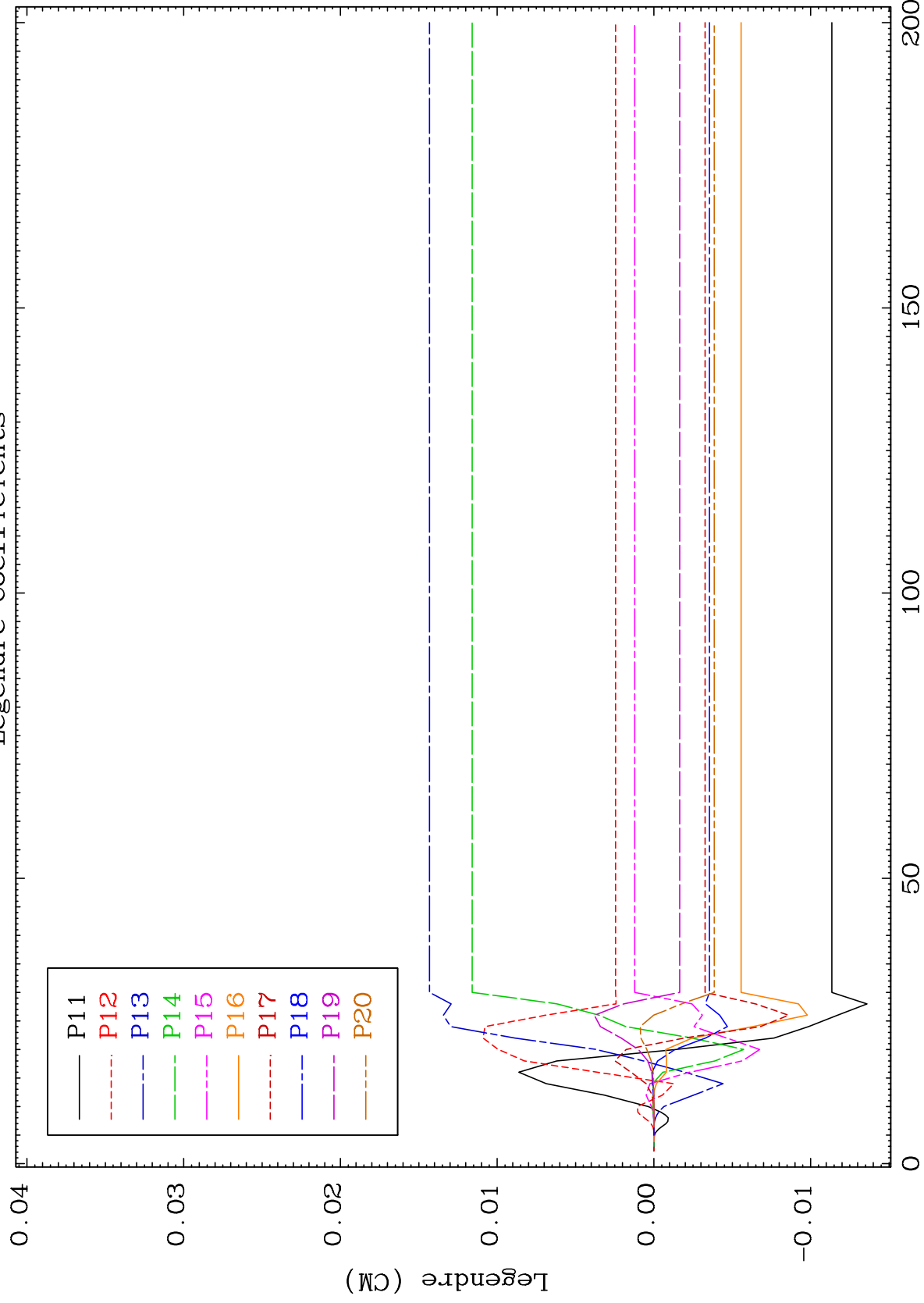
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



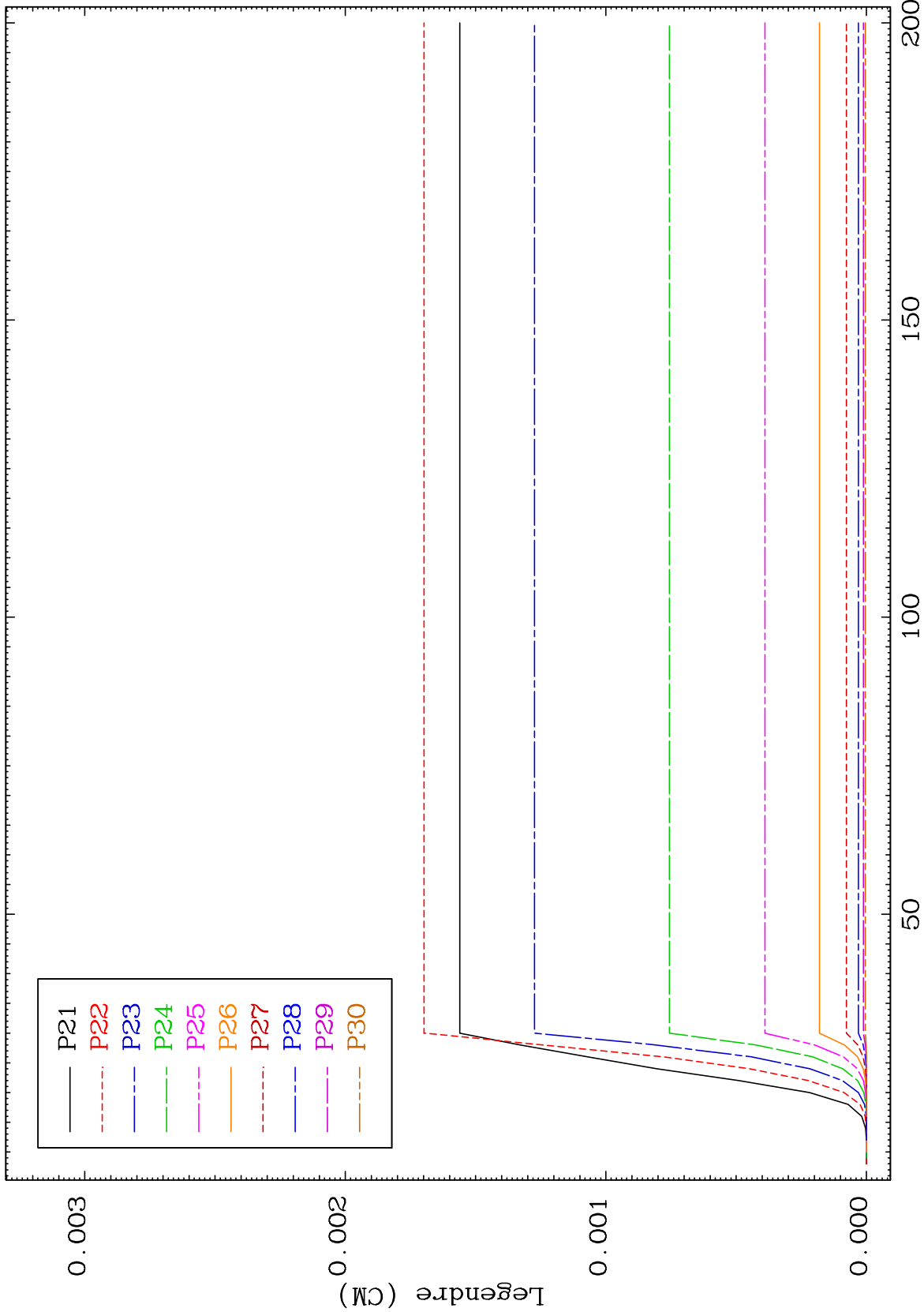
84-Po-207

84-Po-207

MAT 8428

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

84-Po-207



61

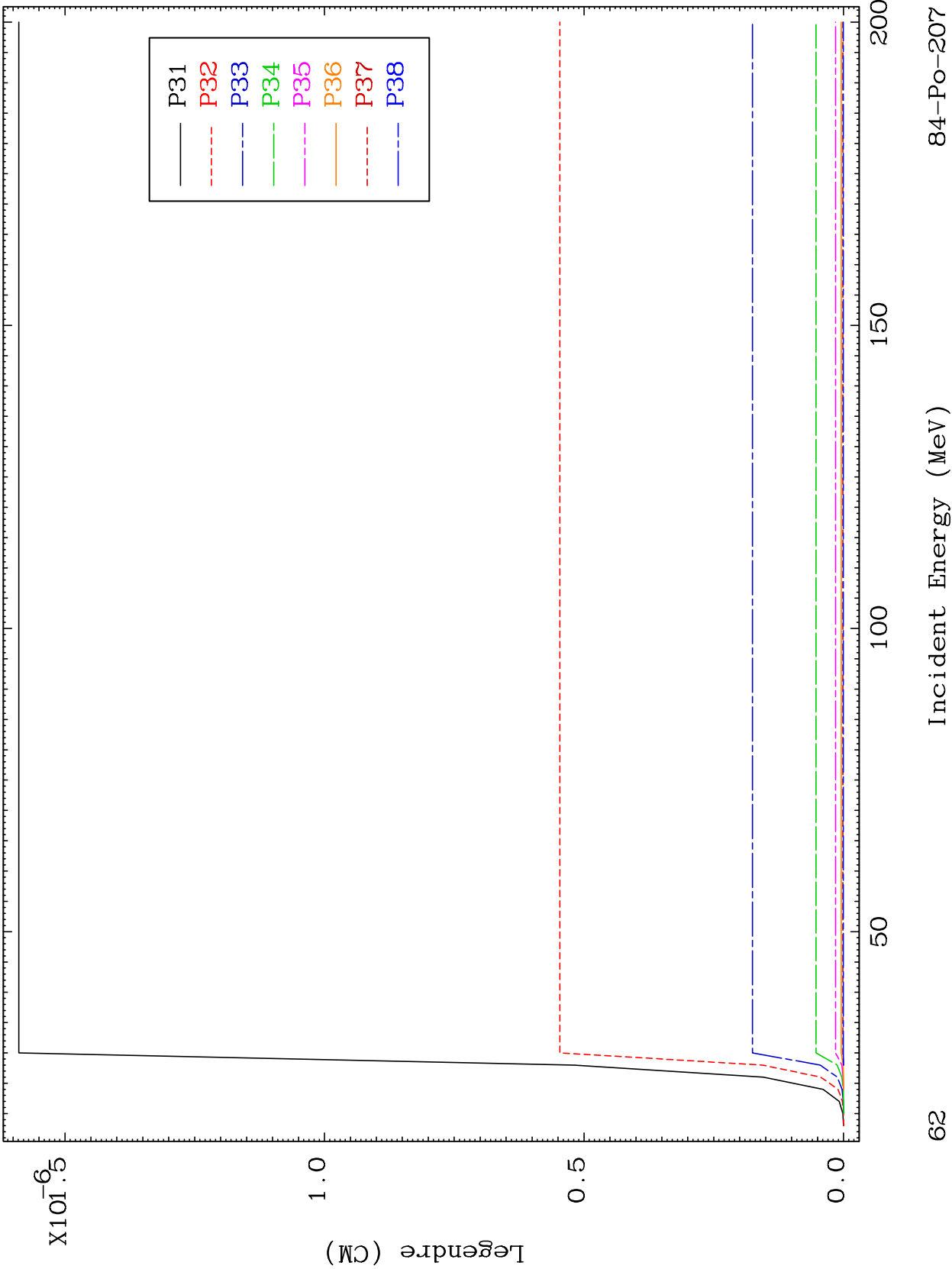
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



62

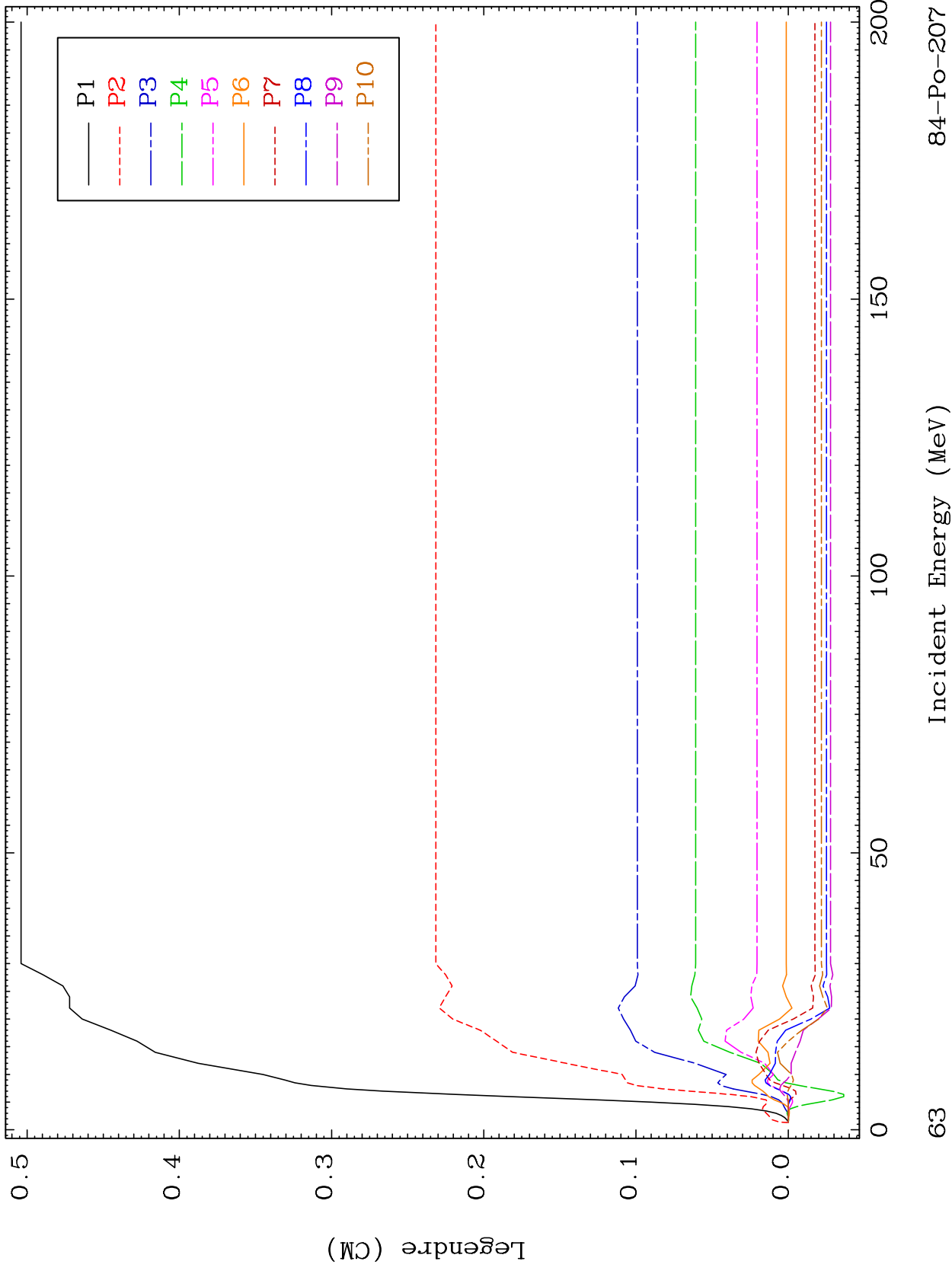
Incident Energy (MeV)

84-Po-207

MAT 8428

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

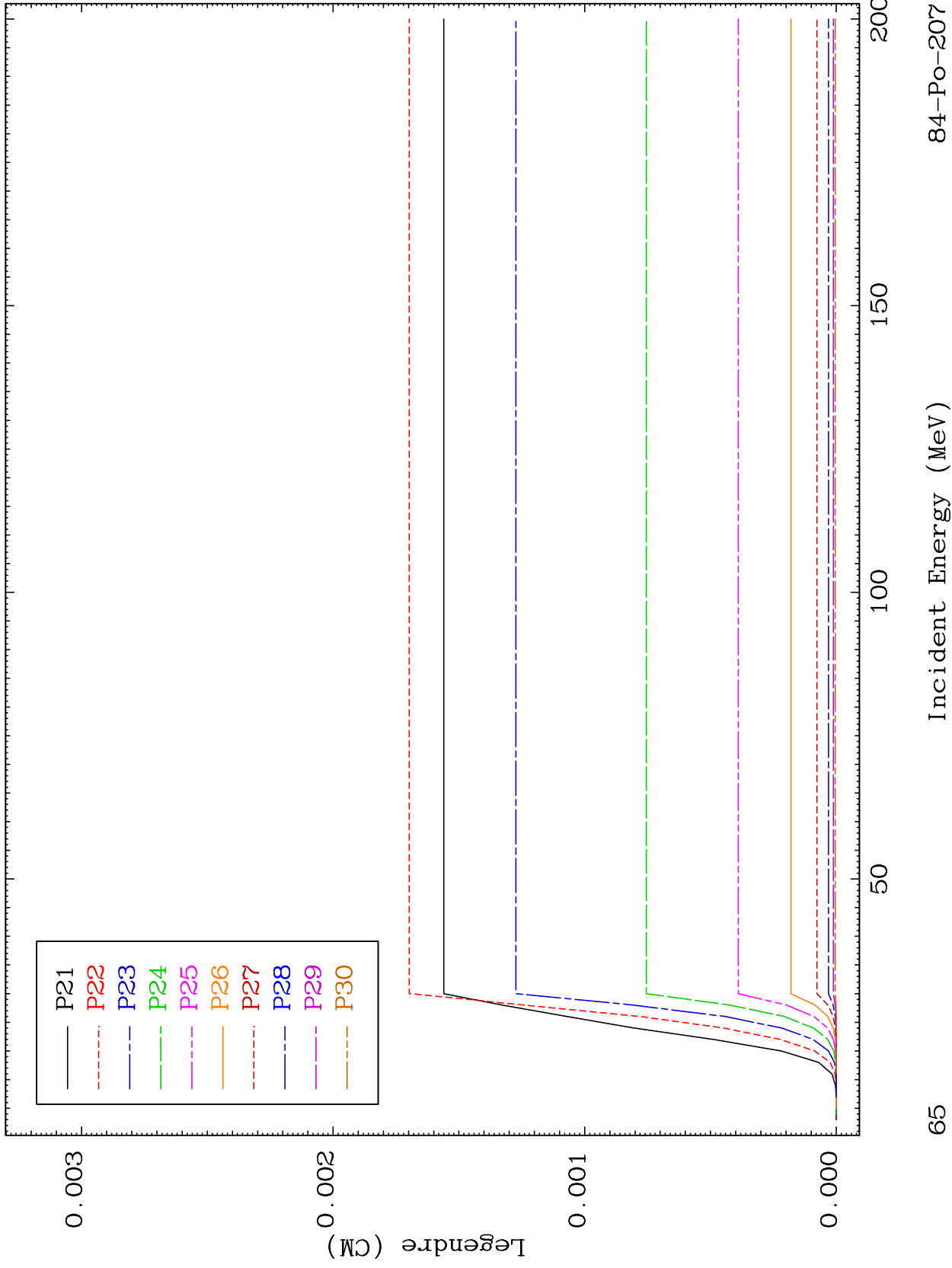
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MAT 8428

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

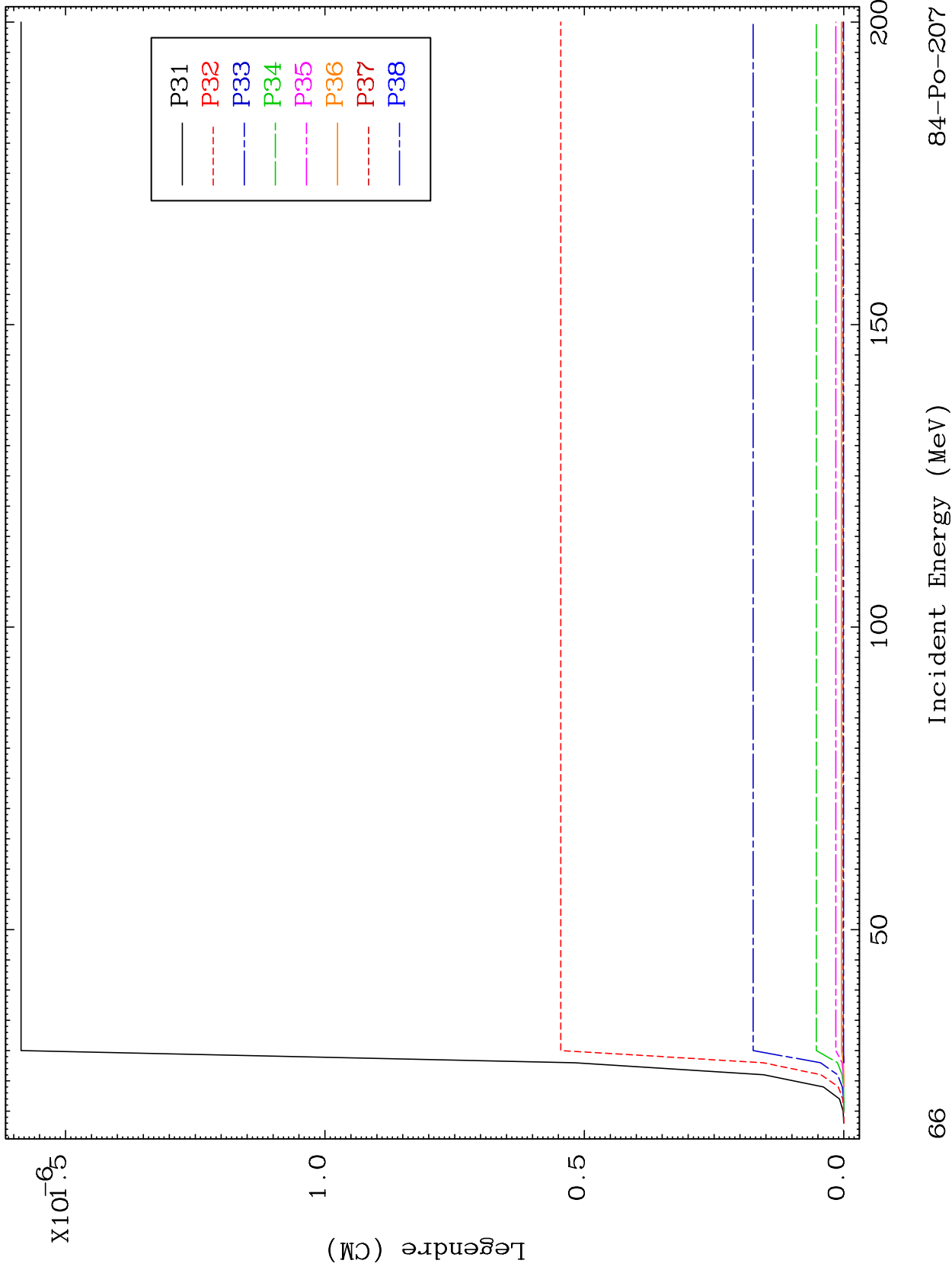
84-Po-207



65

Incident Energy (MeV)

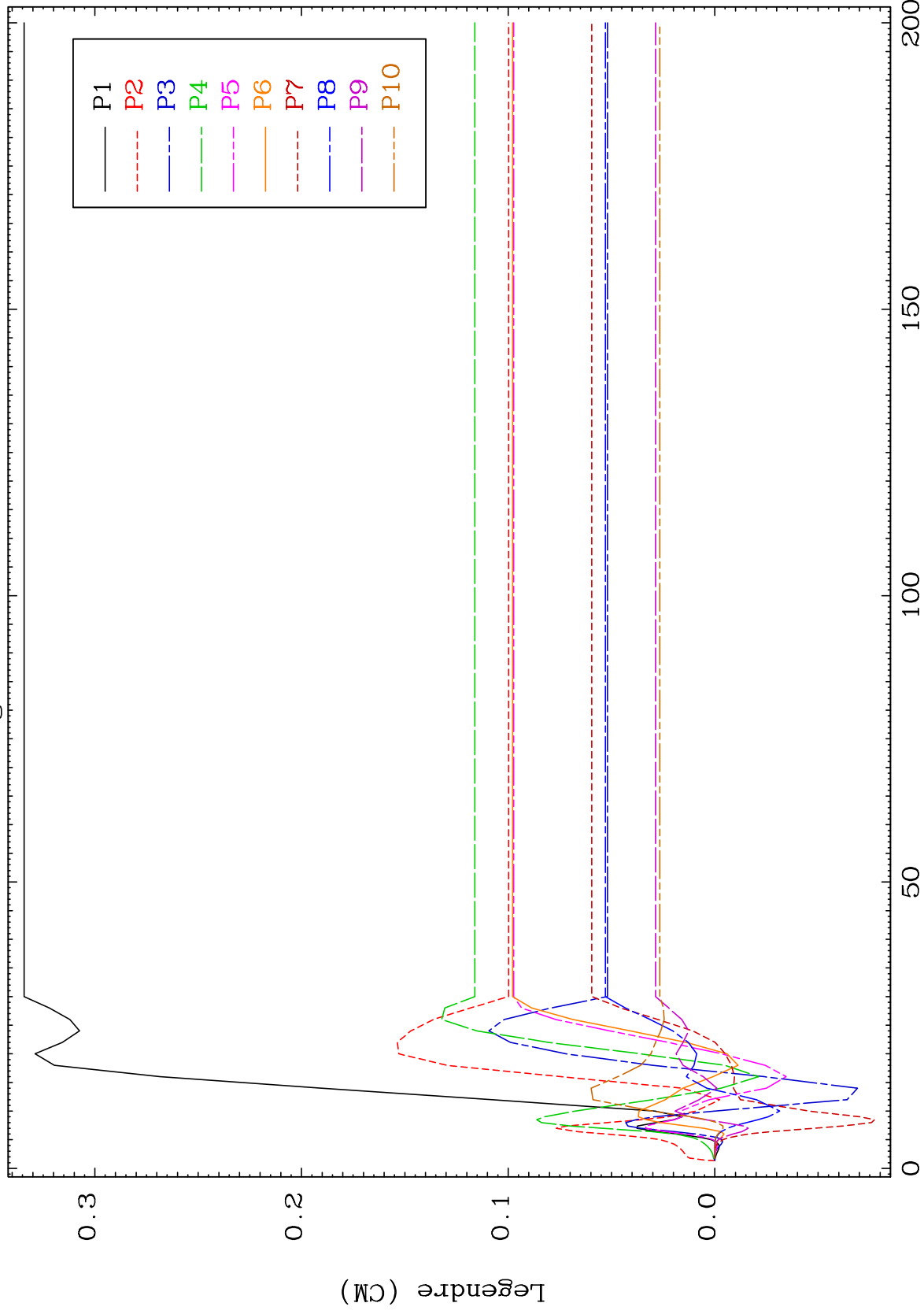
84-Po-207



MAT 8428

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

84-Po-207



Incident Energy (MeV)

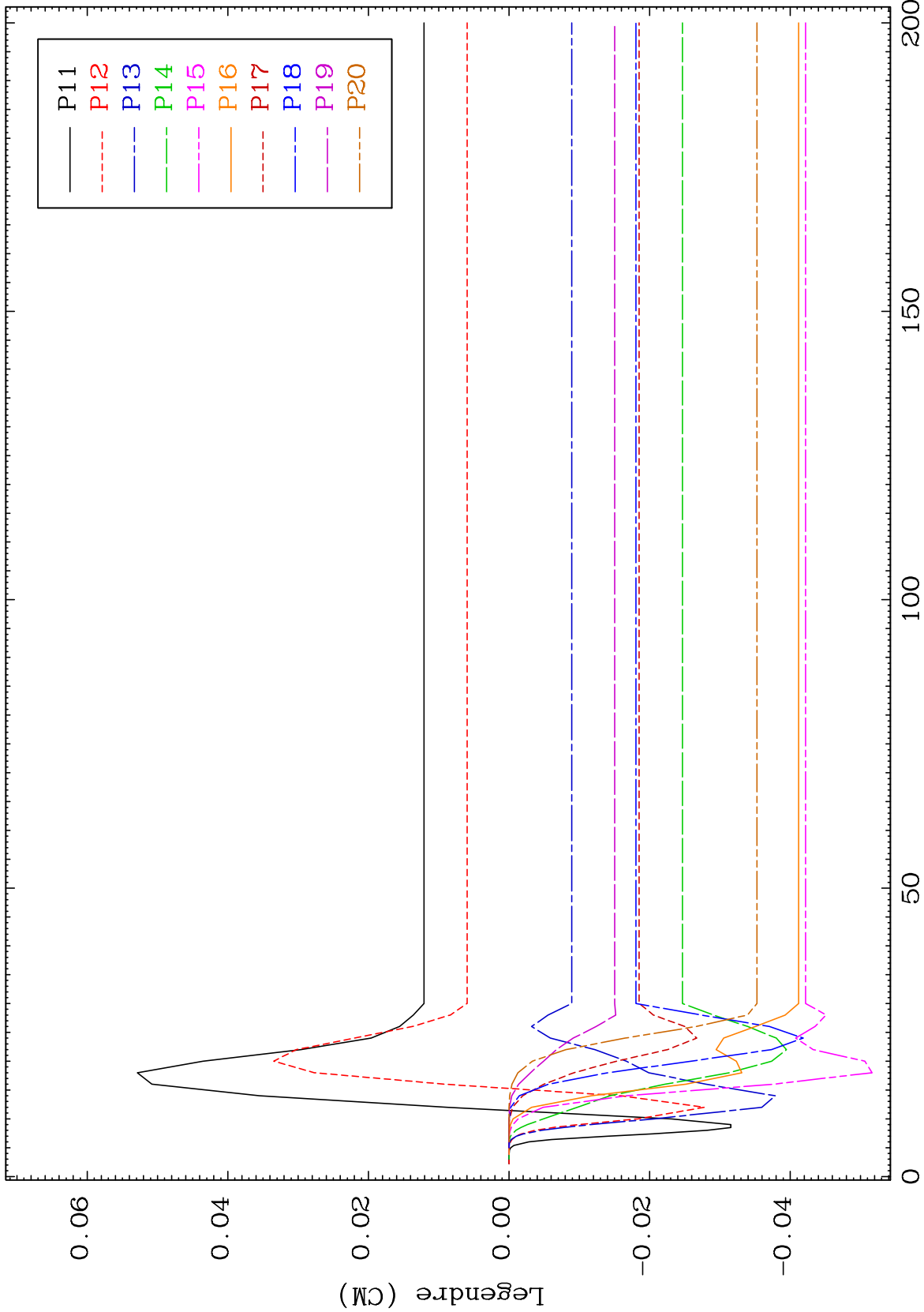
84-Po-207

67

MAT 8428

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

84-Po-207



68

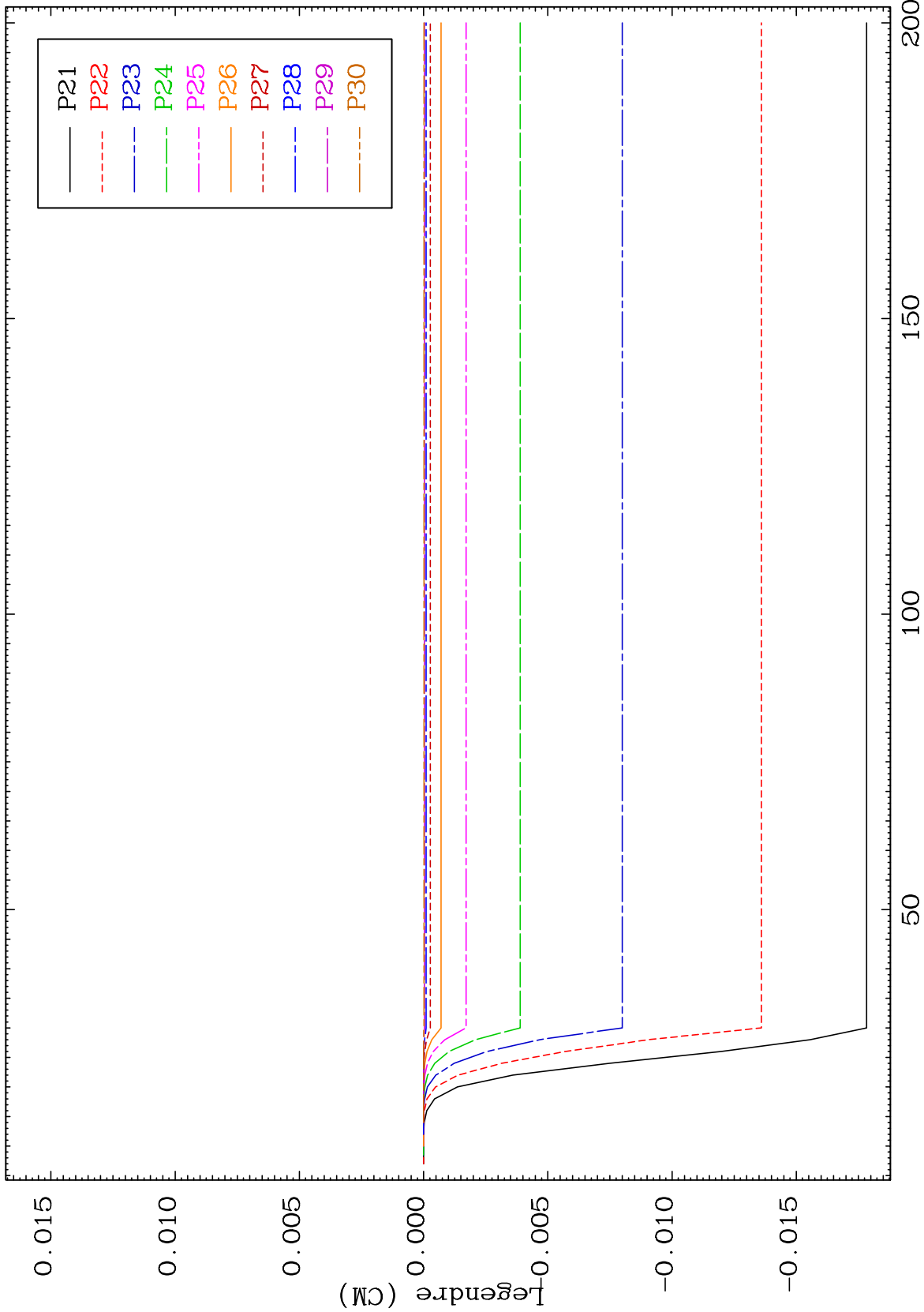
Incident Energy (MeV)

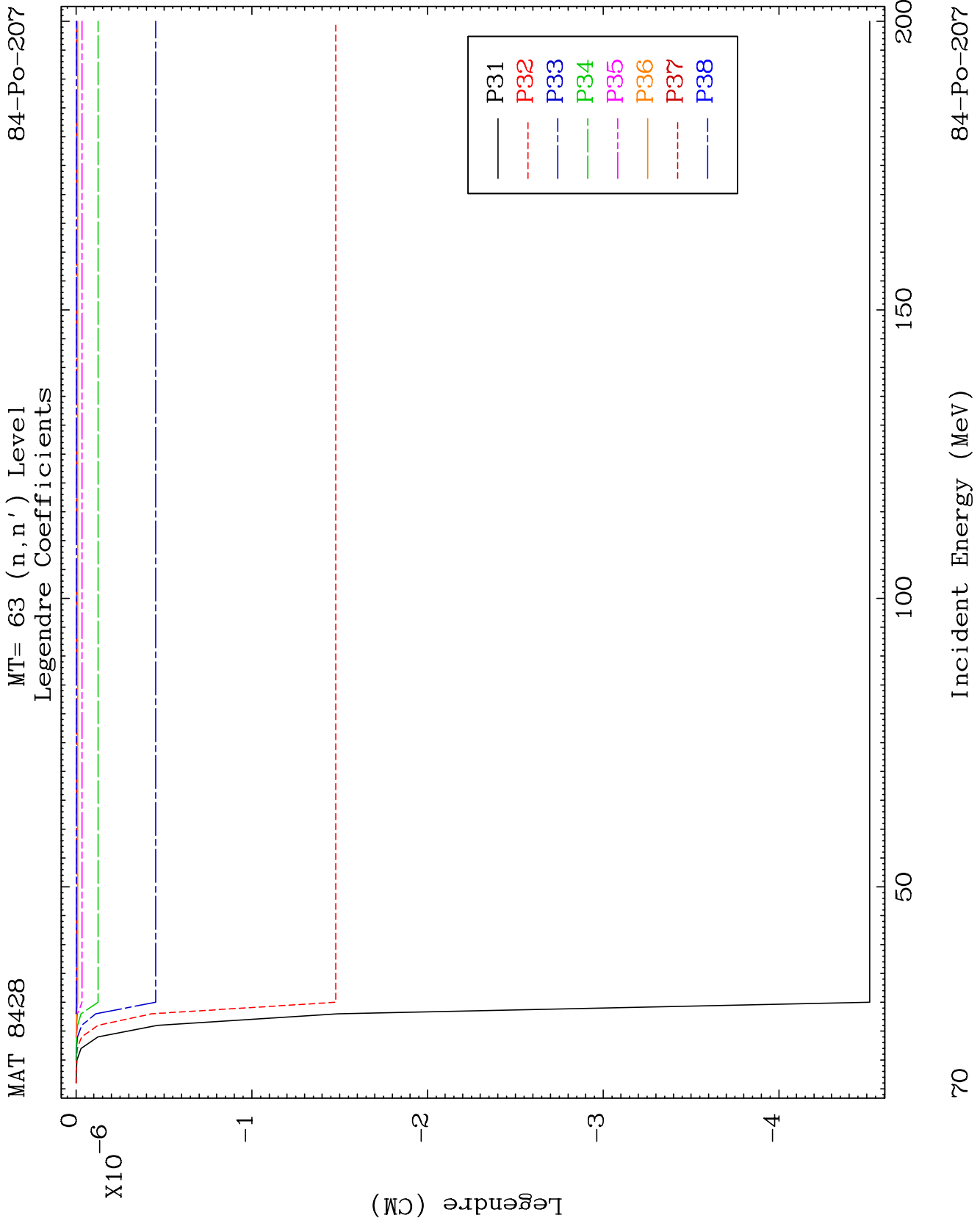
84-Po-207

MAT 8428

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

84-Po-207





84-Po-207

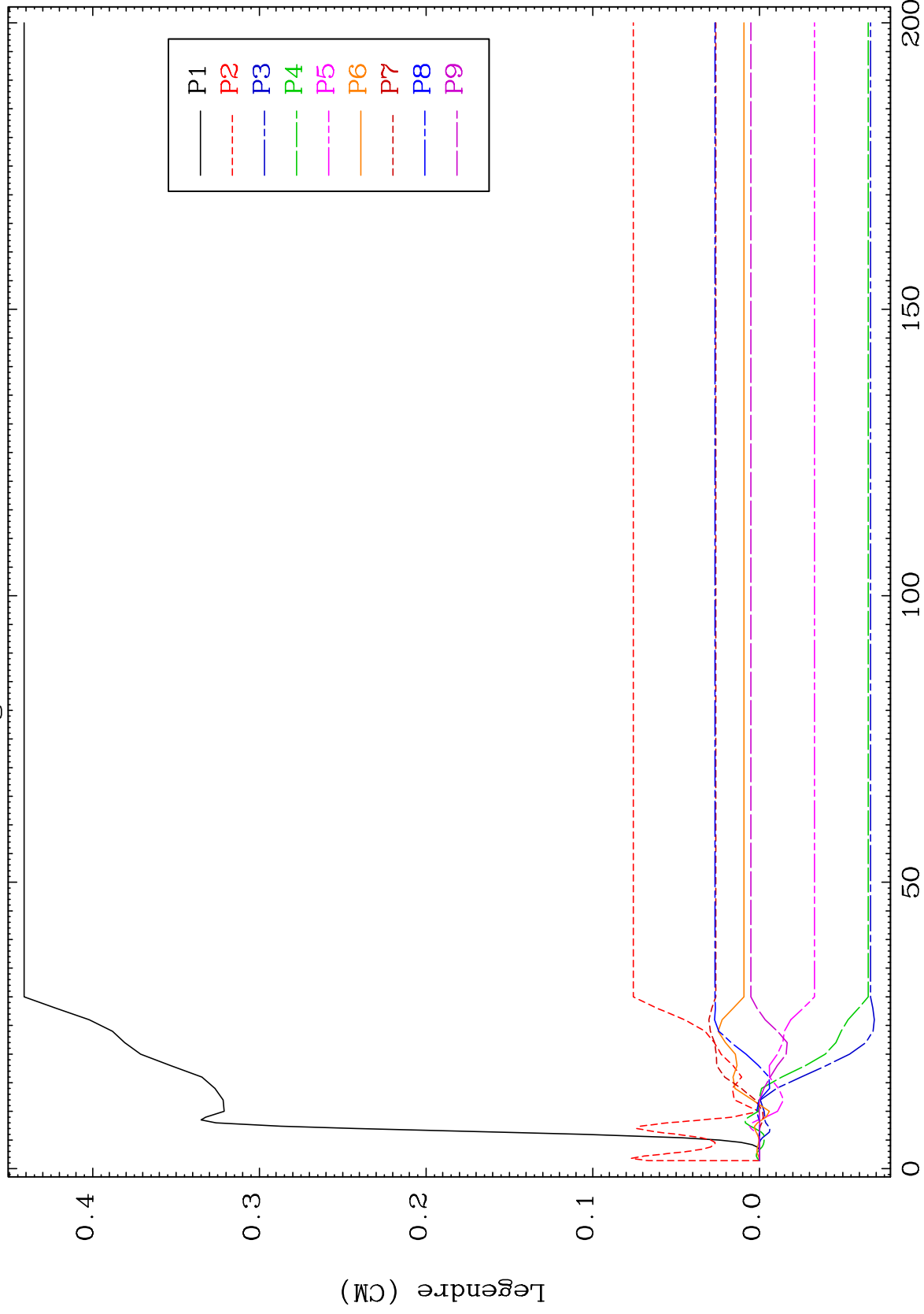
Incident Energy (MeV)

70

MAT 8428

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

84-Po-207



71

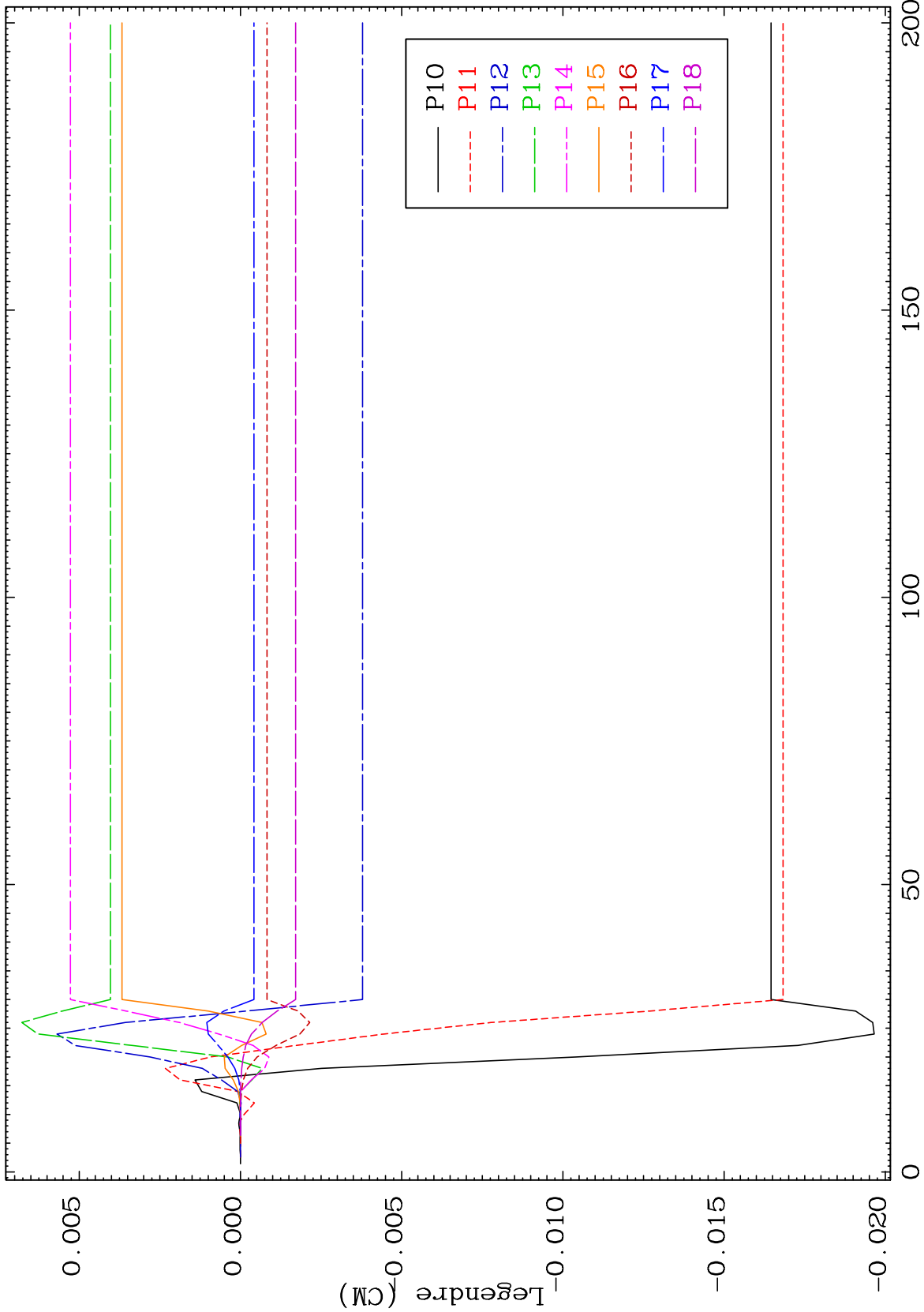
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



72

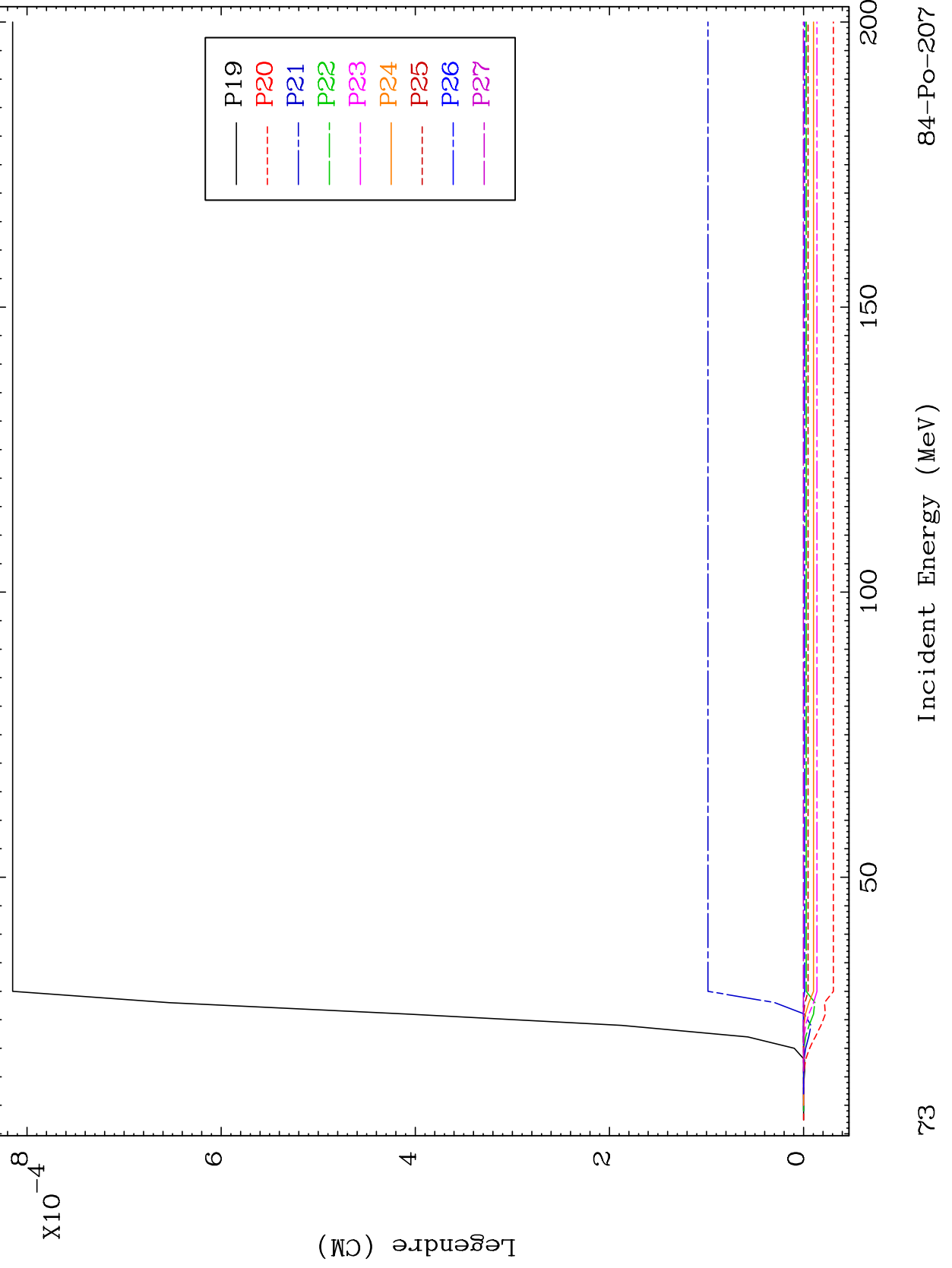
Incident Energy (MeV)

84-Po-207

MAT 8428

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

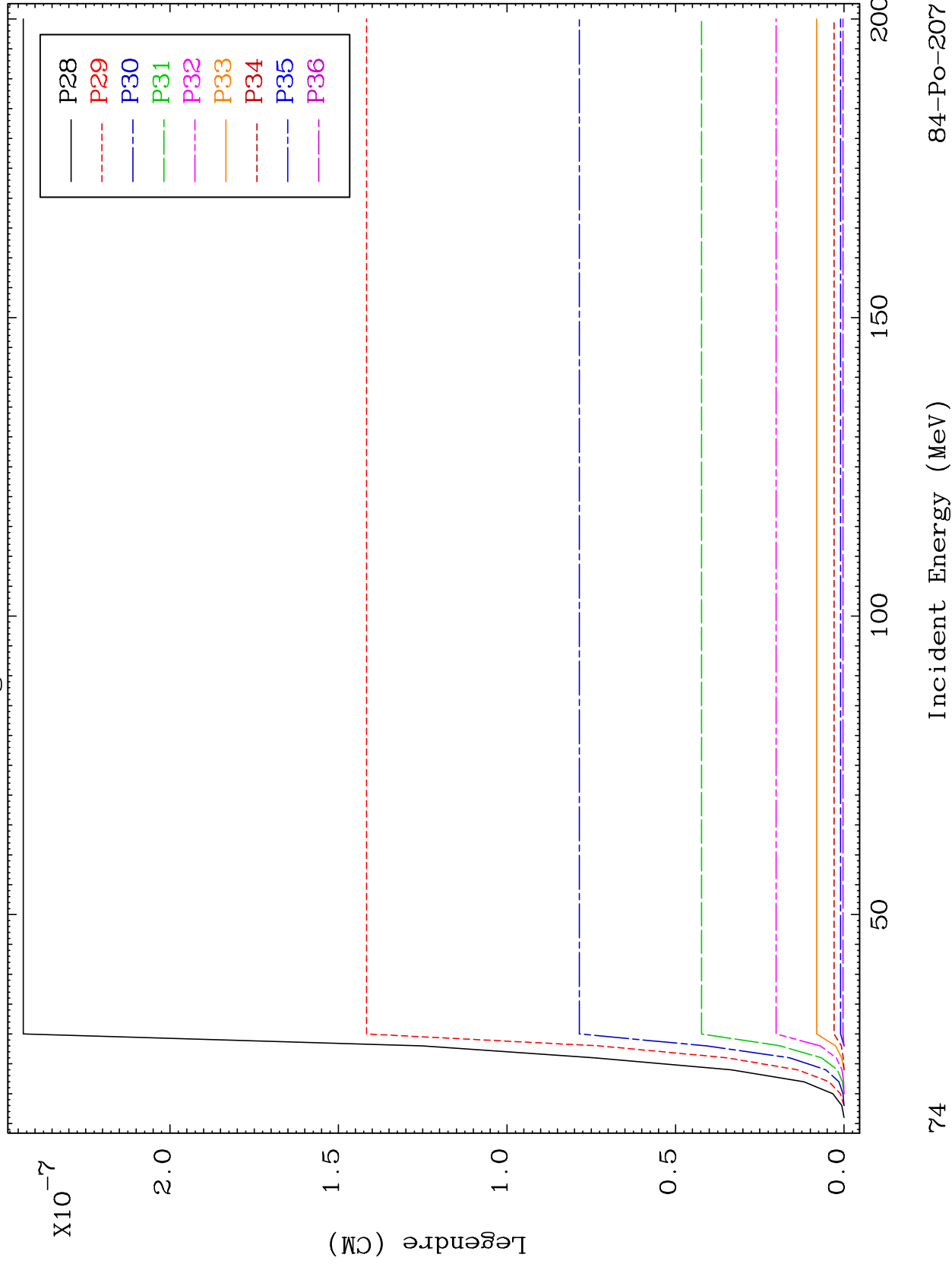
84-Po-207



MAT 8428

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

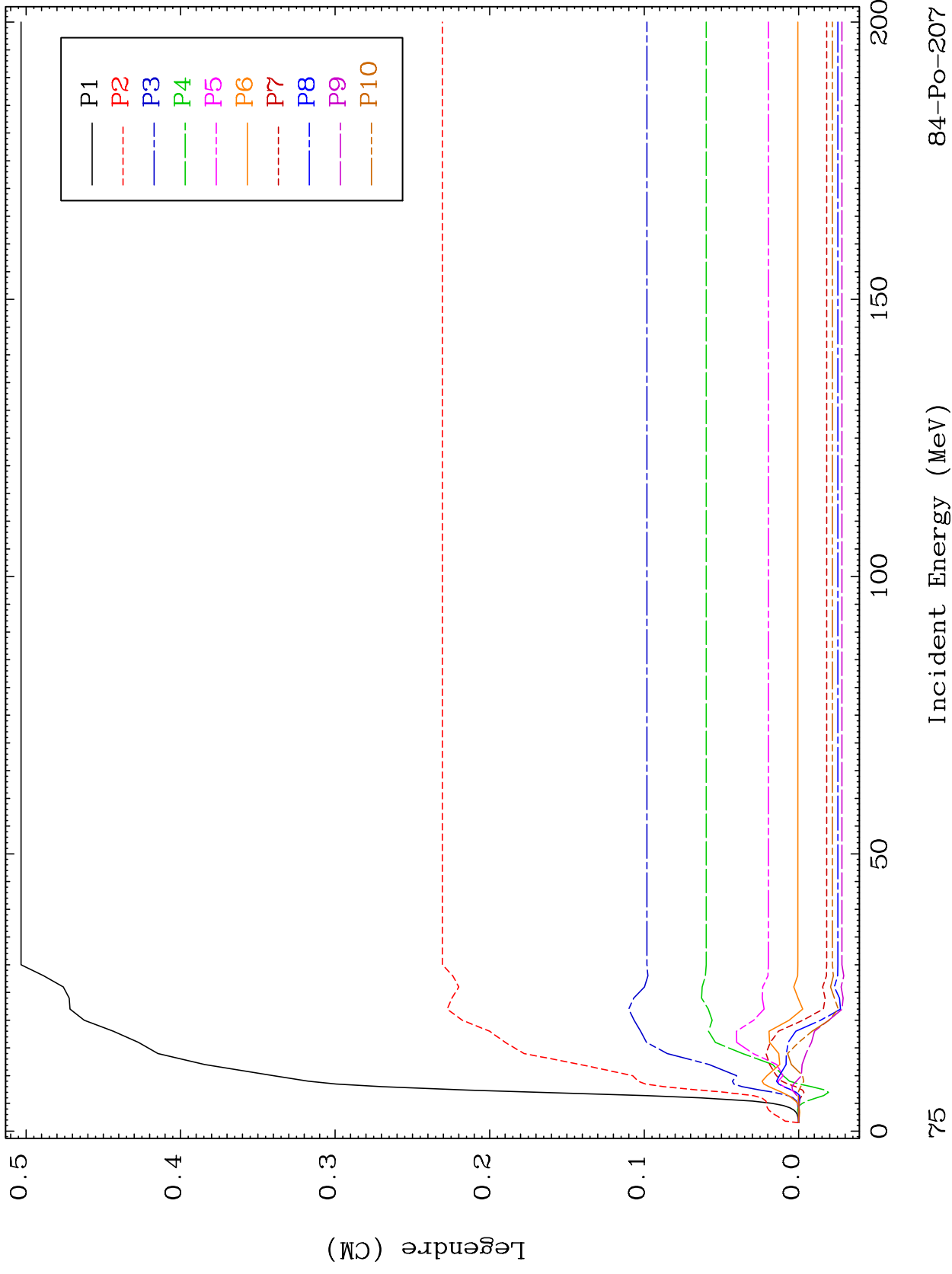
84-Po-207



MAT 8428

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

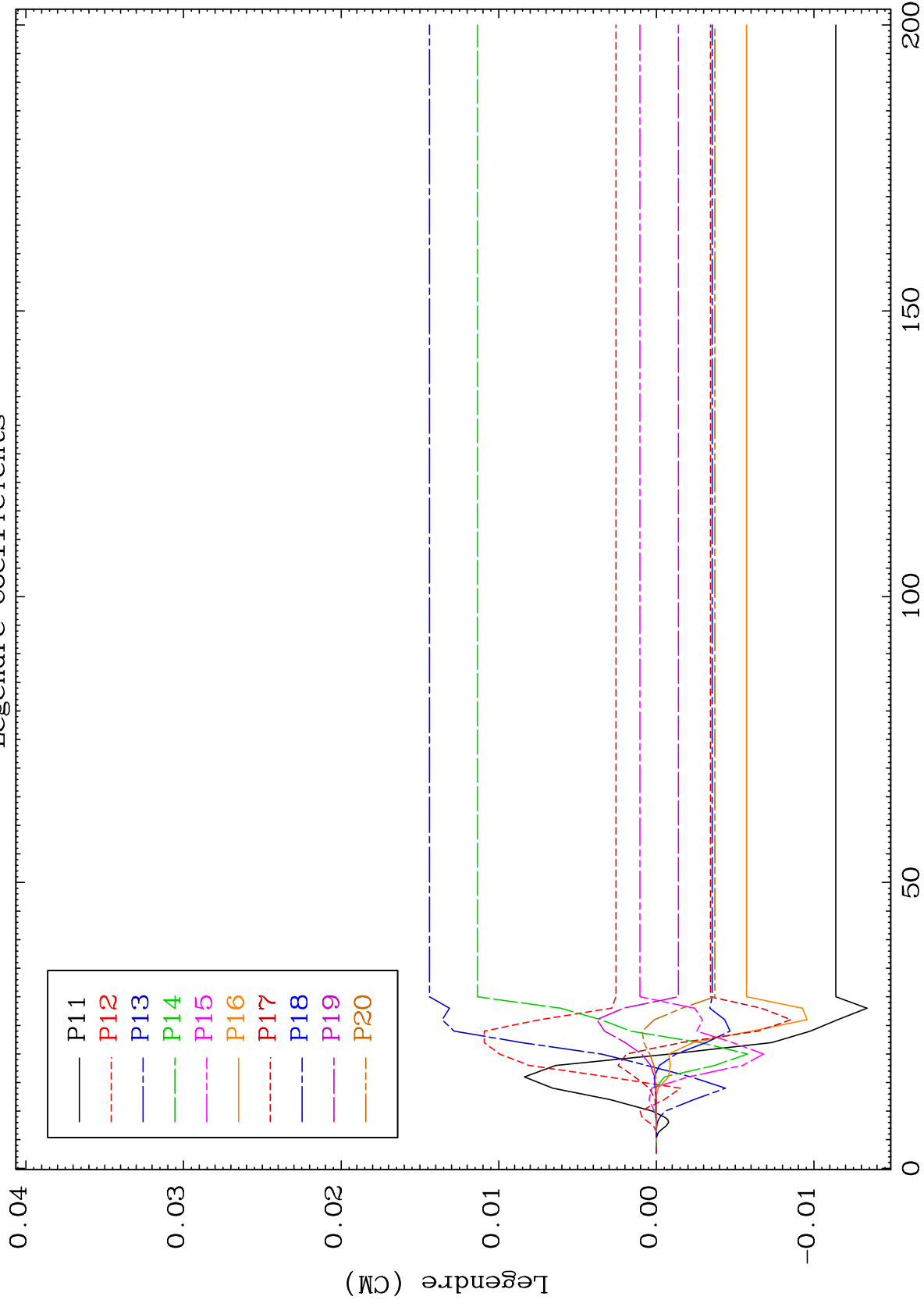
84-Po-207



MAT 8428

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

84-Po-207



76

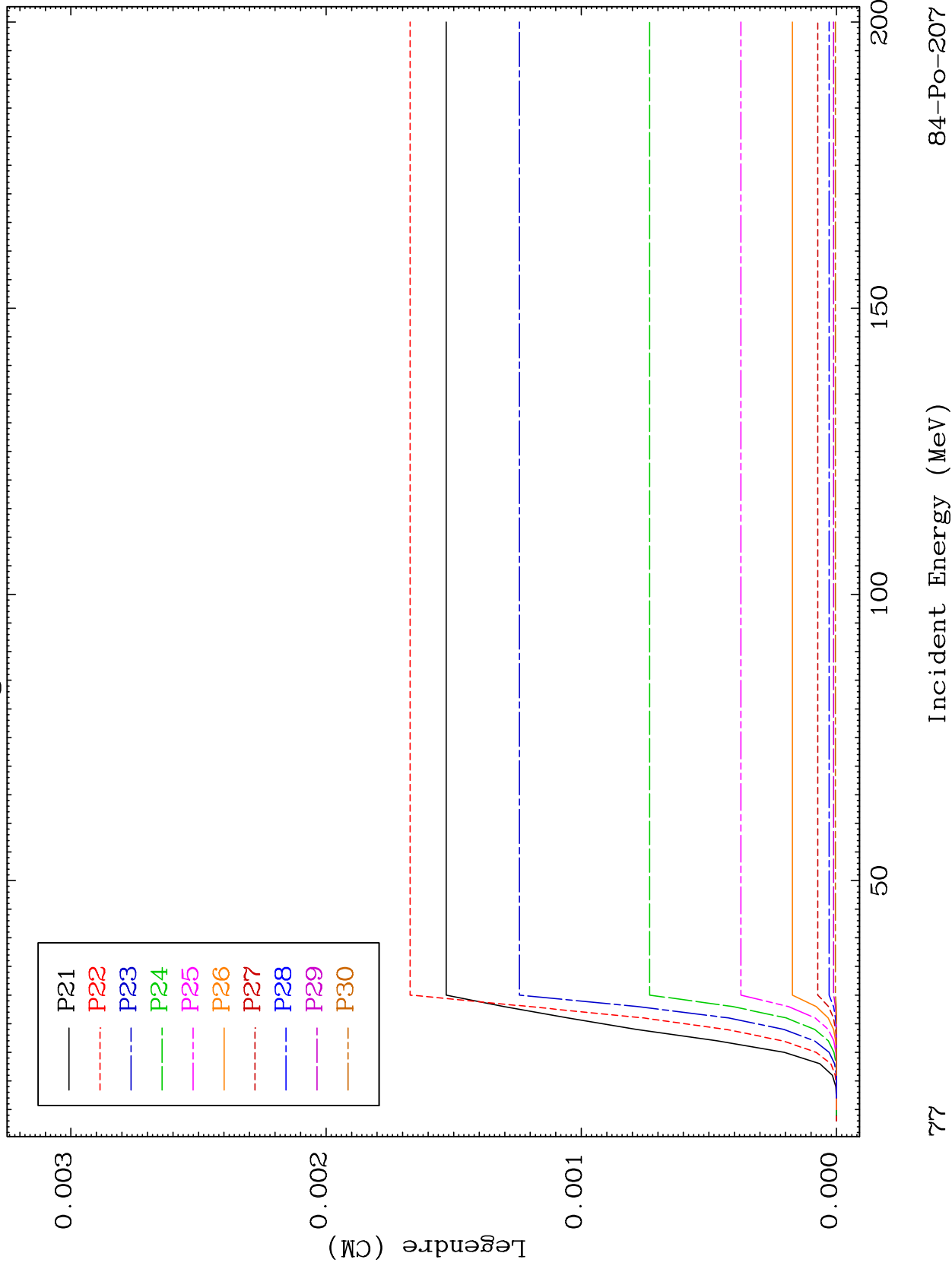
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



77

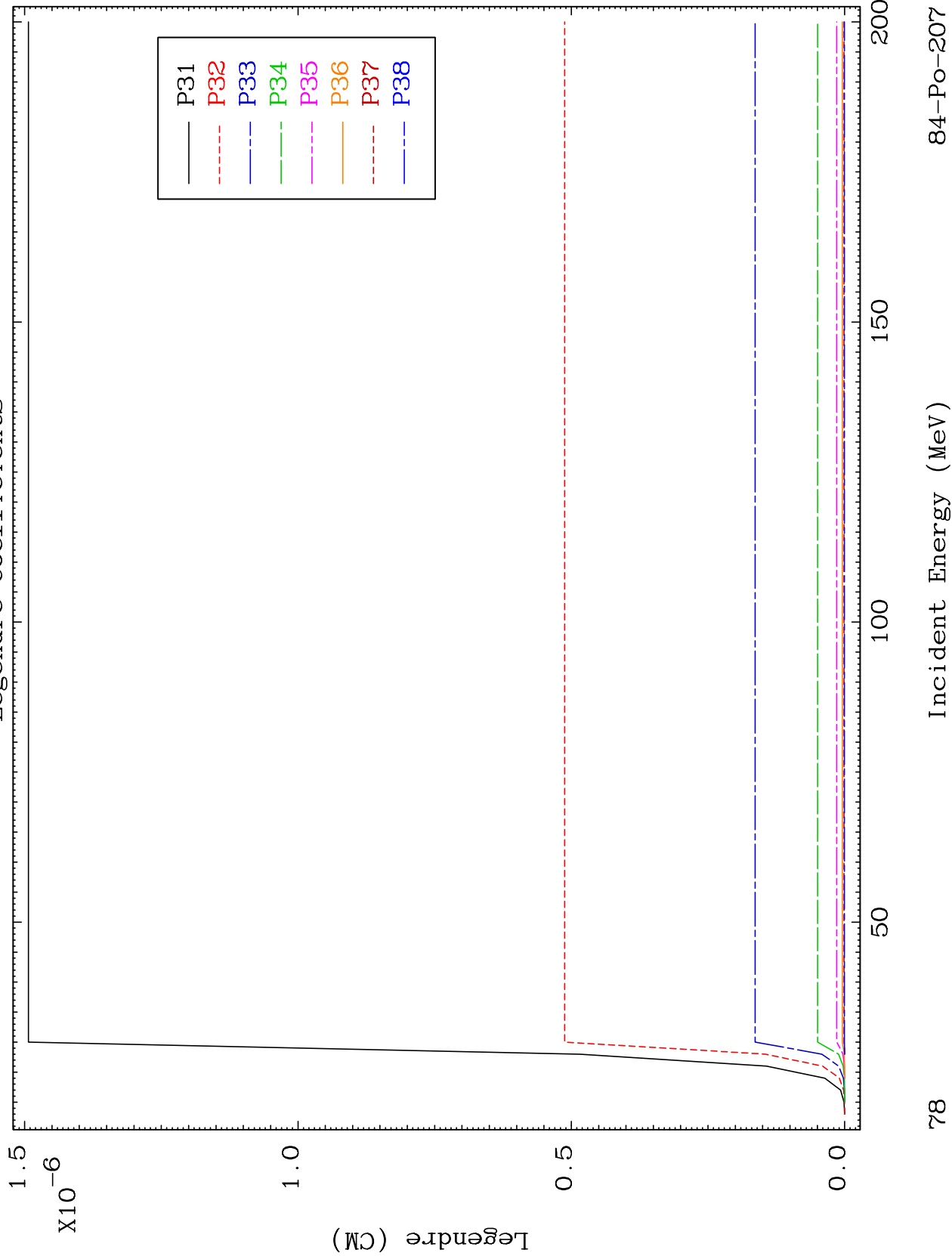
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



78

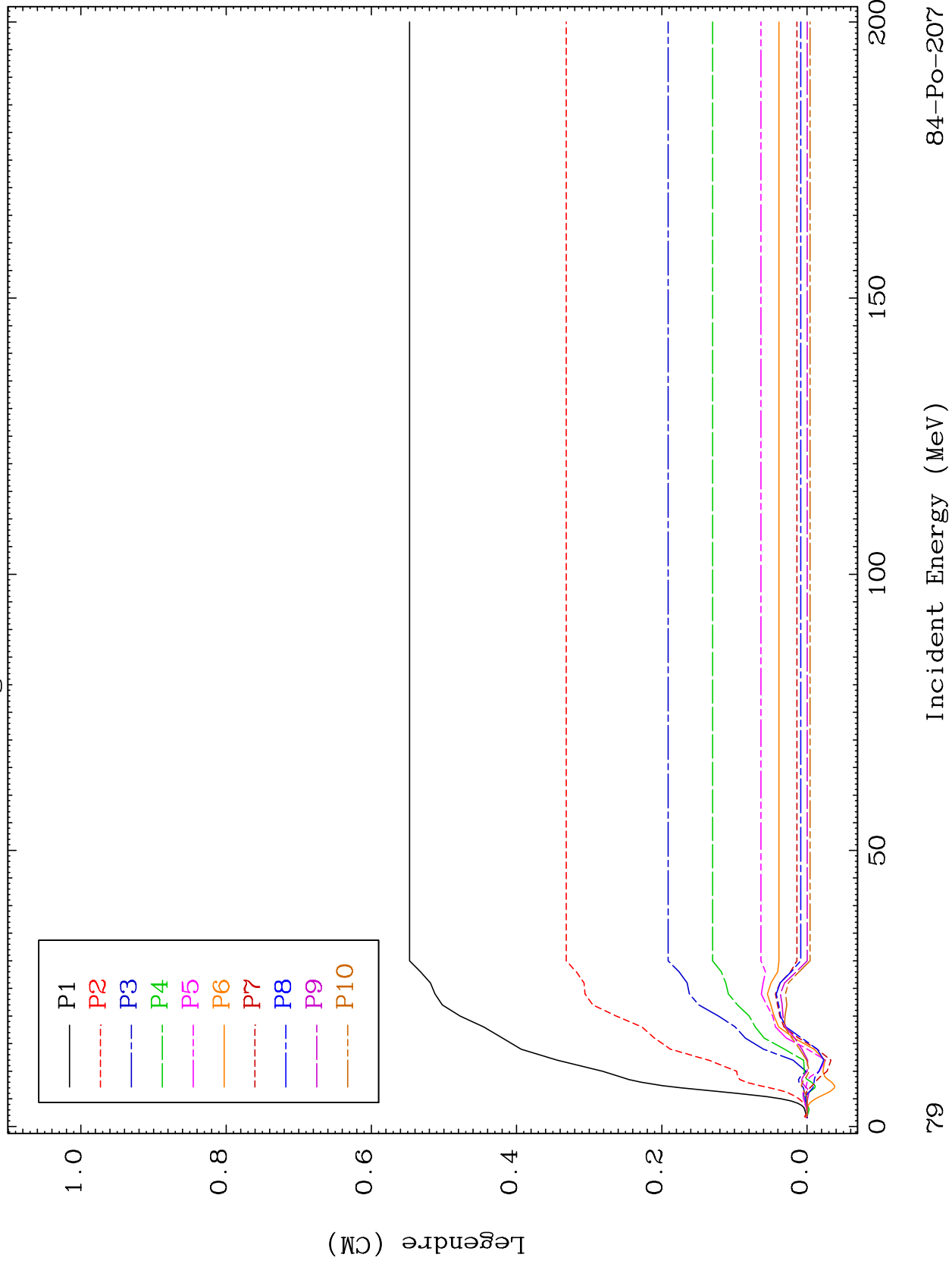
Incident Energy (MeV)

84-Po-207

MAT 8428

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

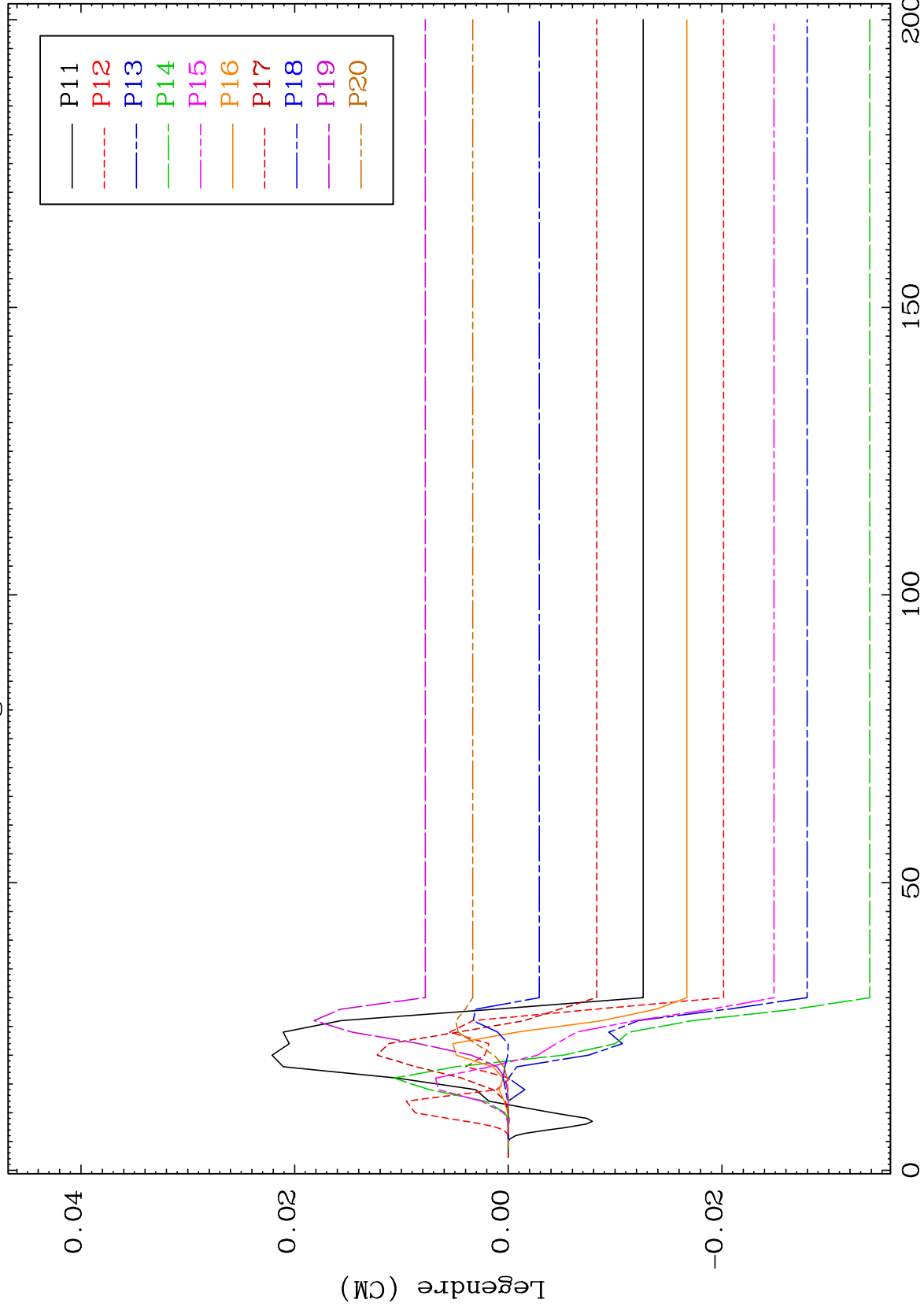
84-Po-207



MAT 8428

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

84-Po-207



80

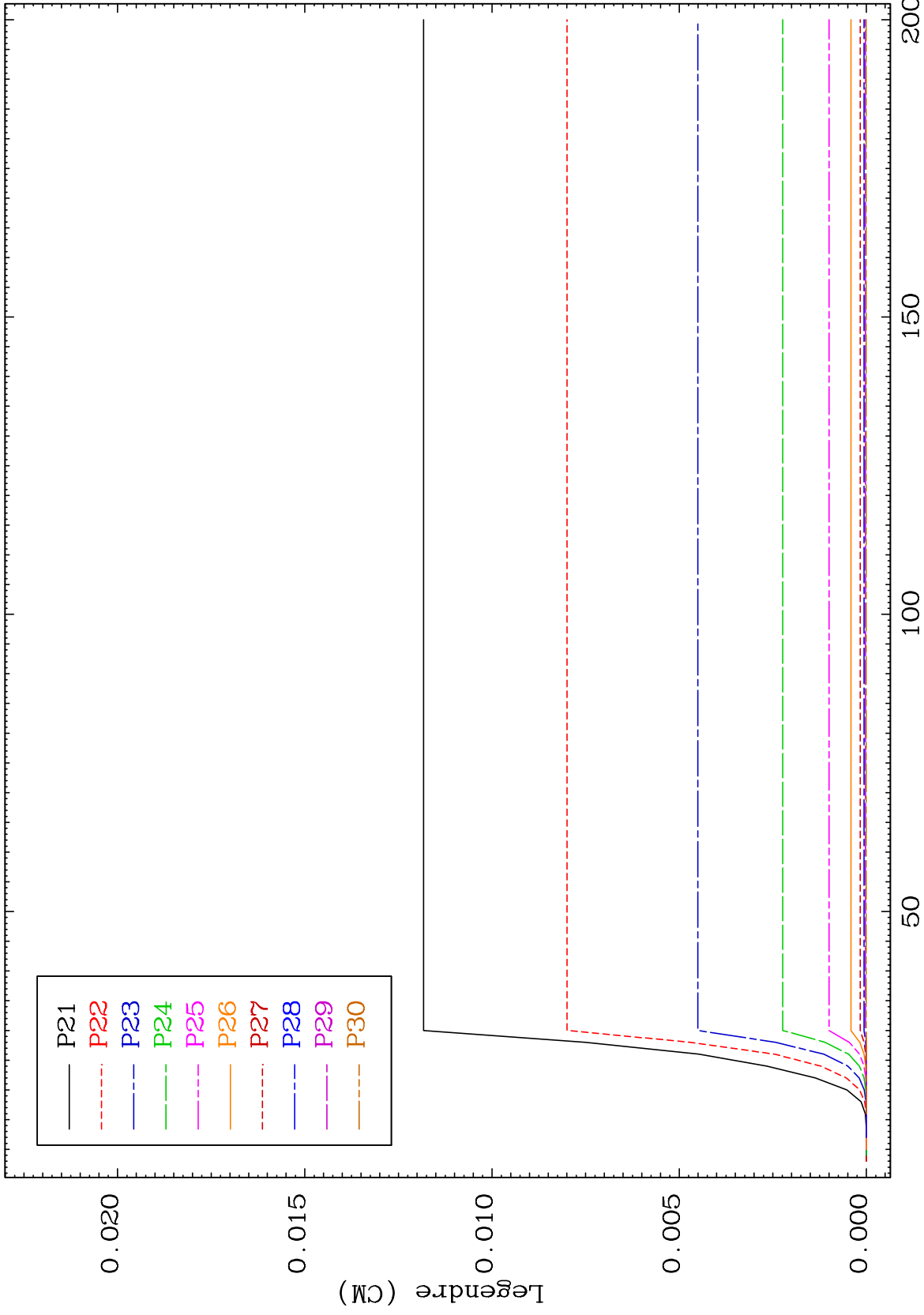
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



81

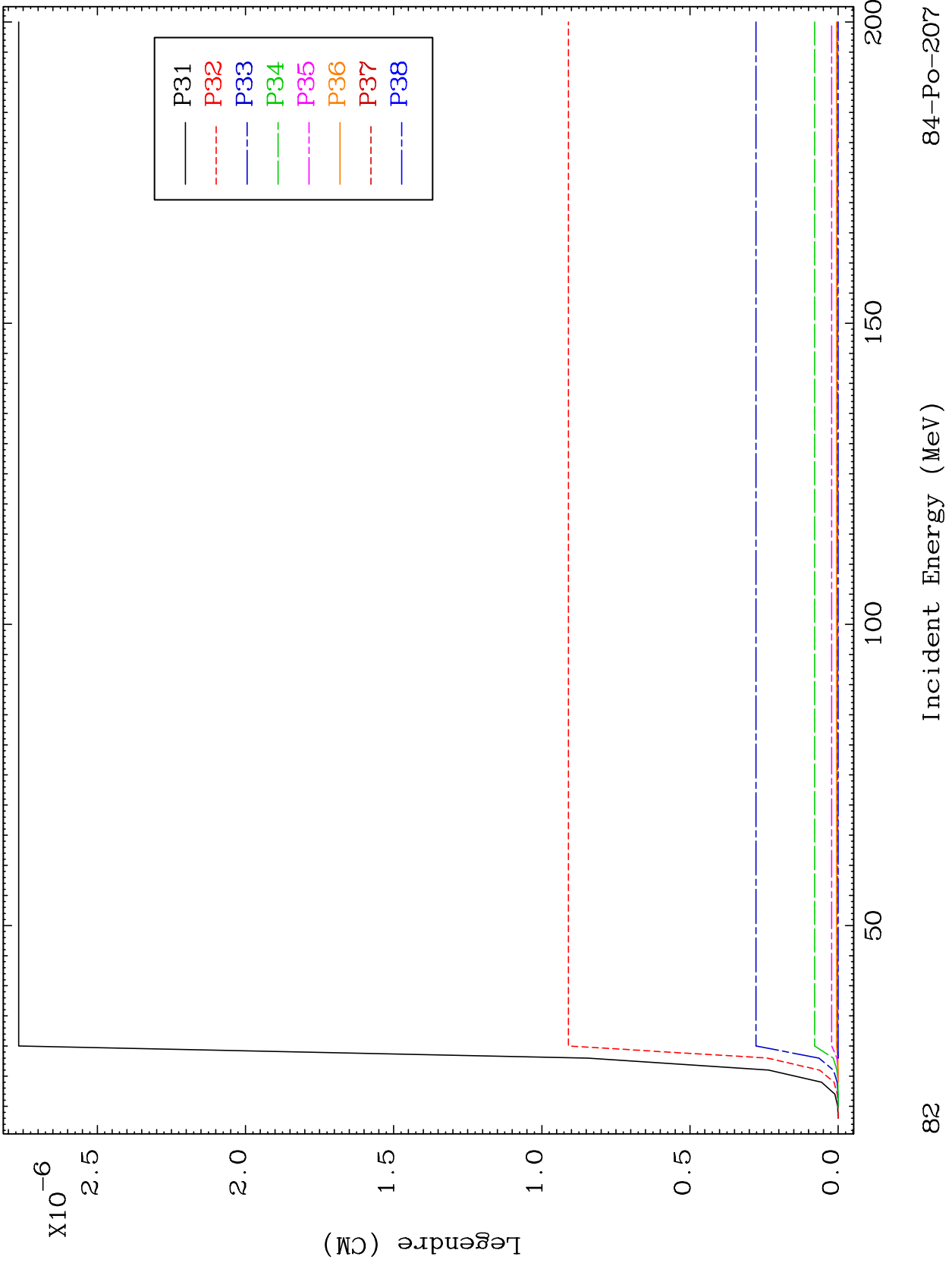
Incident Energy (MeV)

84-Po-207

MAT 8428

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

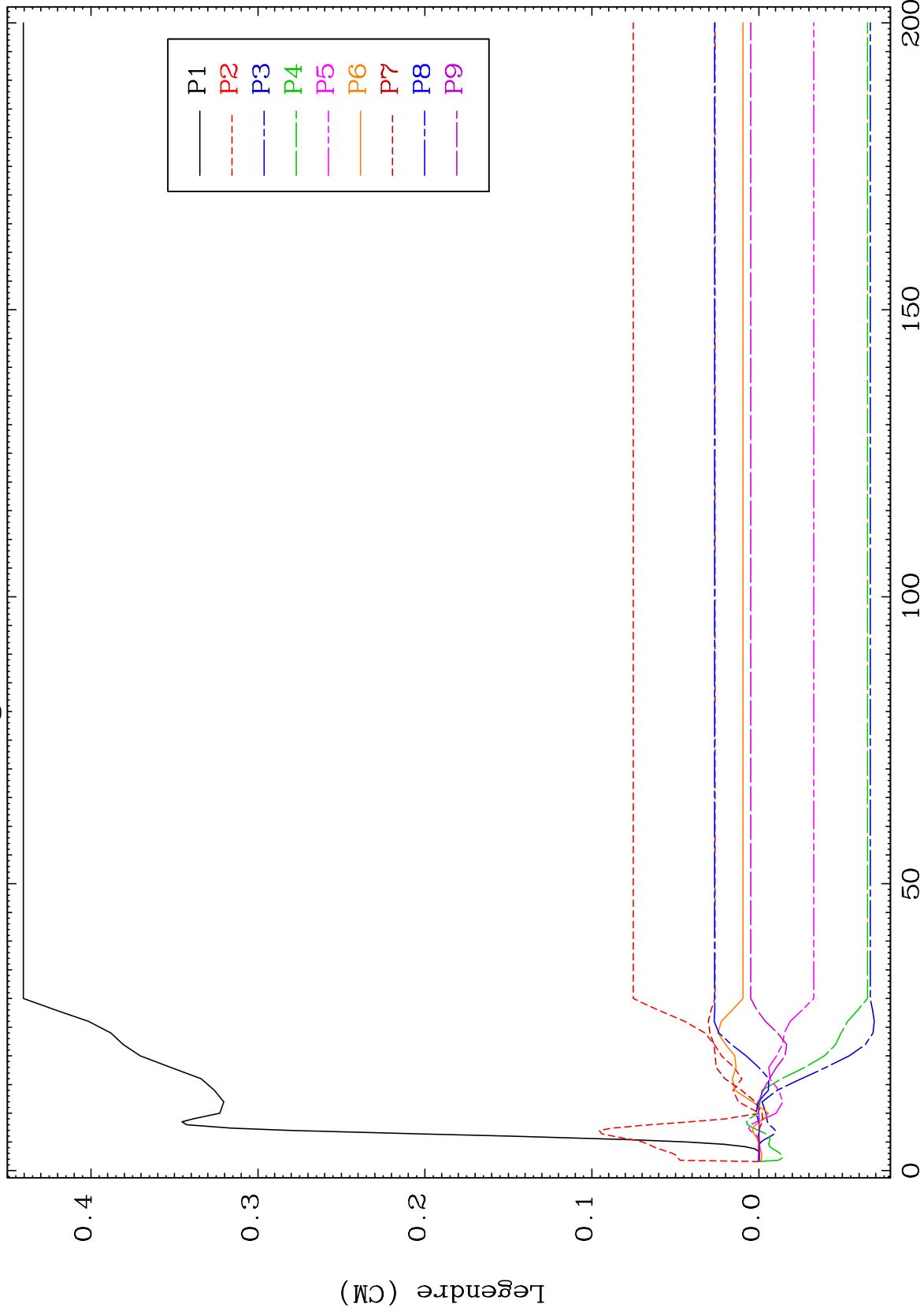
84-Po-207



82

Incident Energy (MeV)

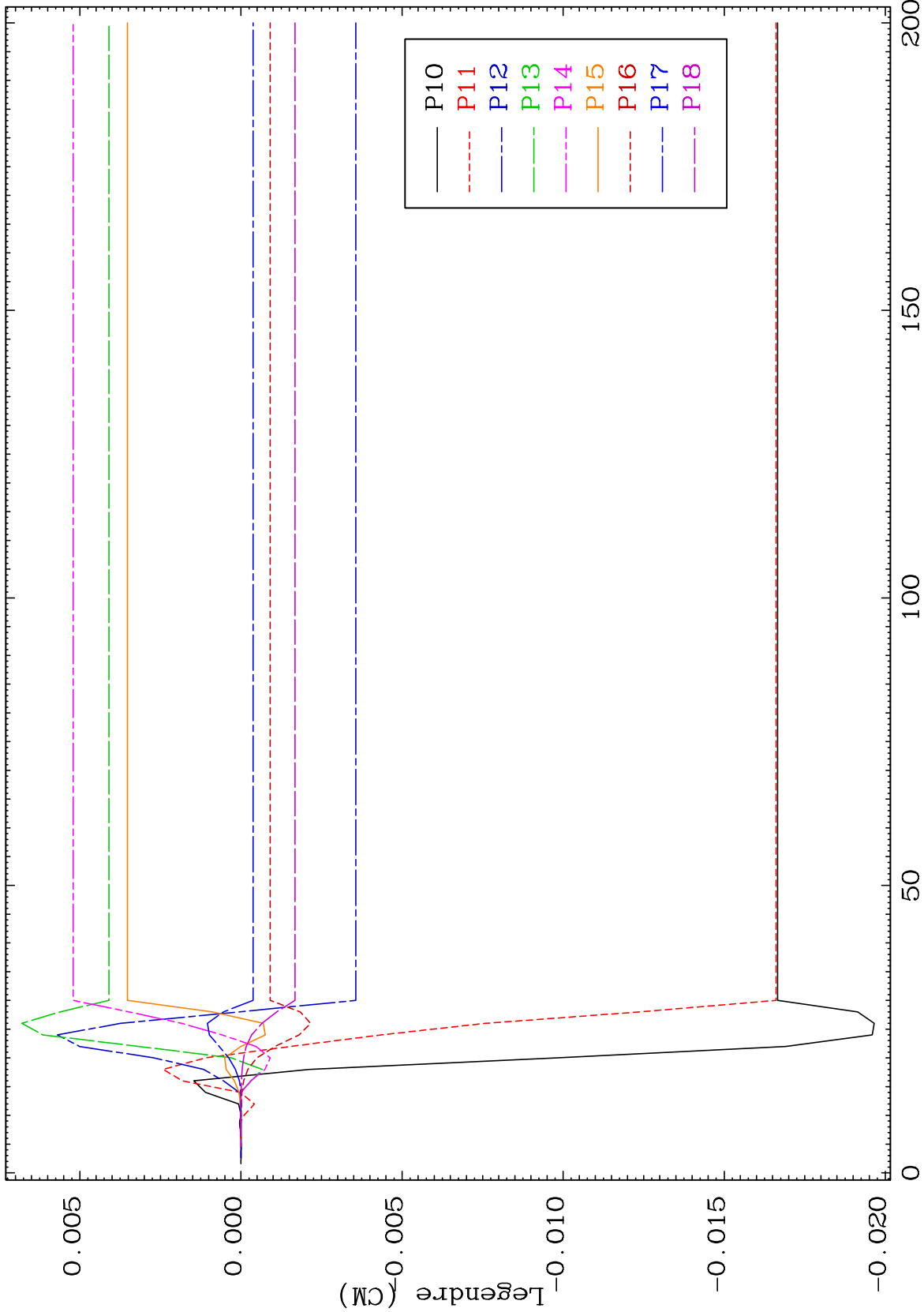
84-Po-207



MAT 8428

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

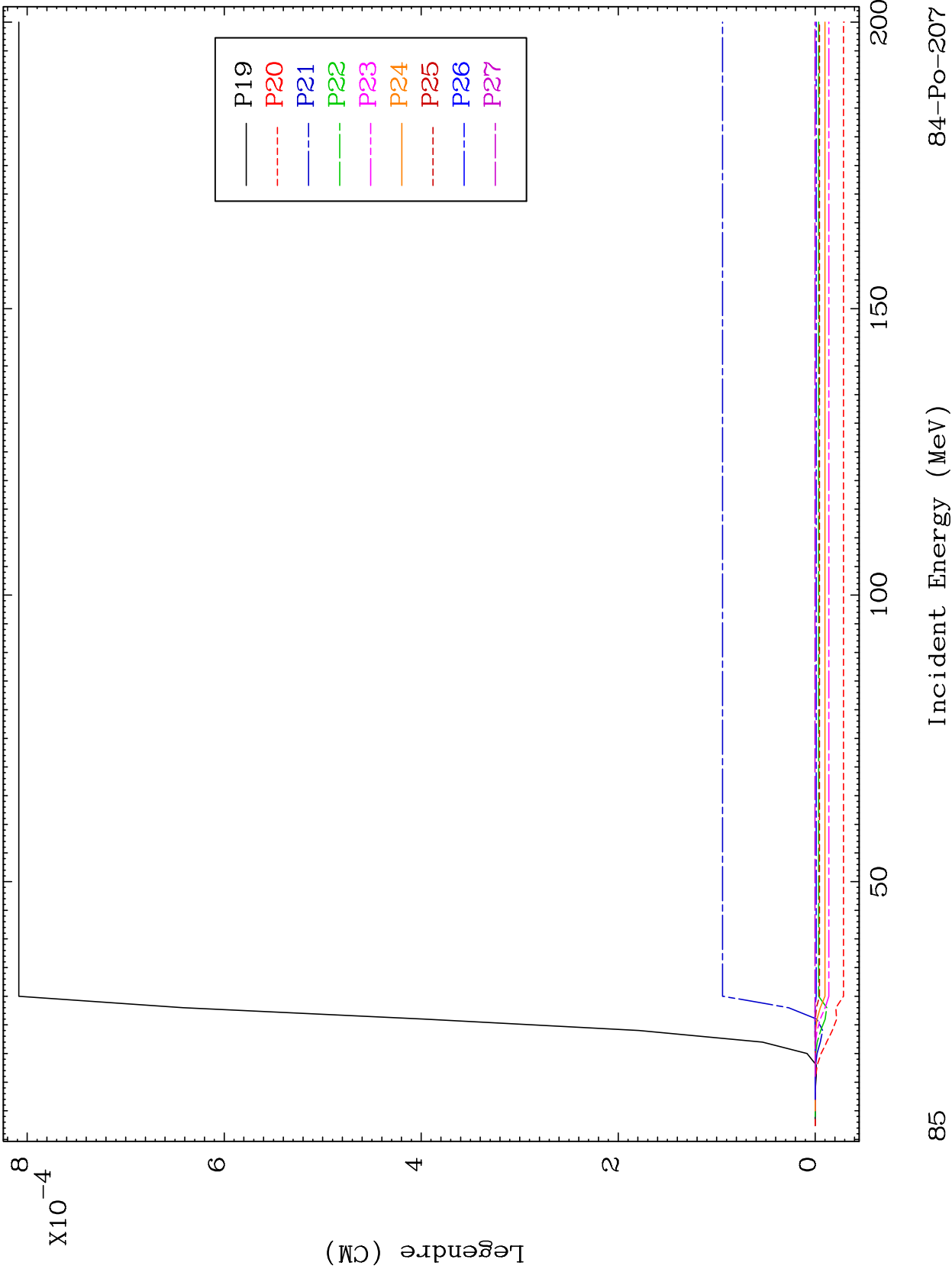
84-Po-207

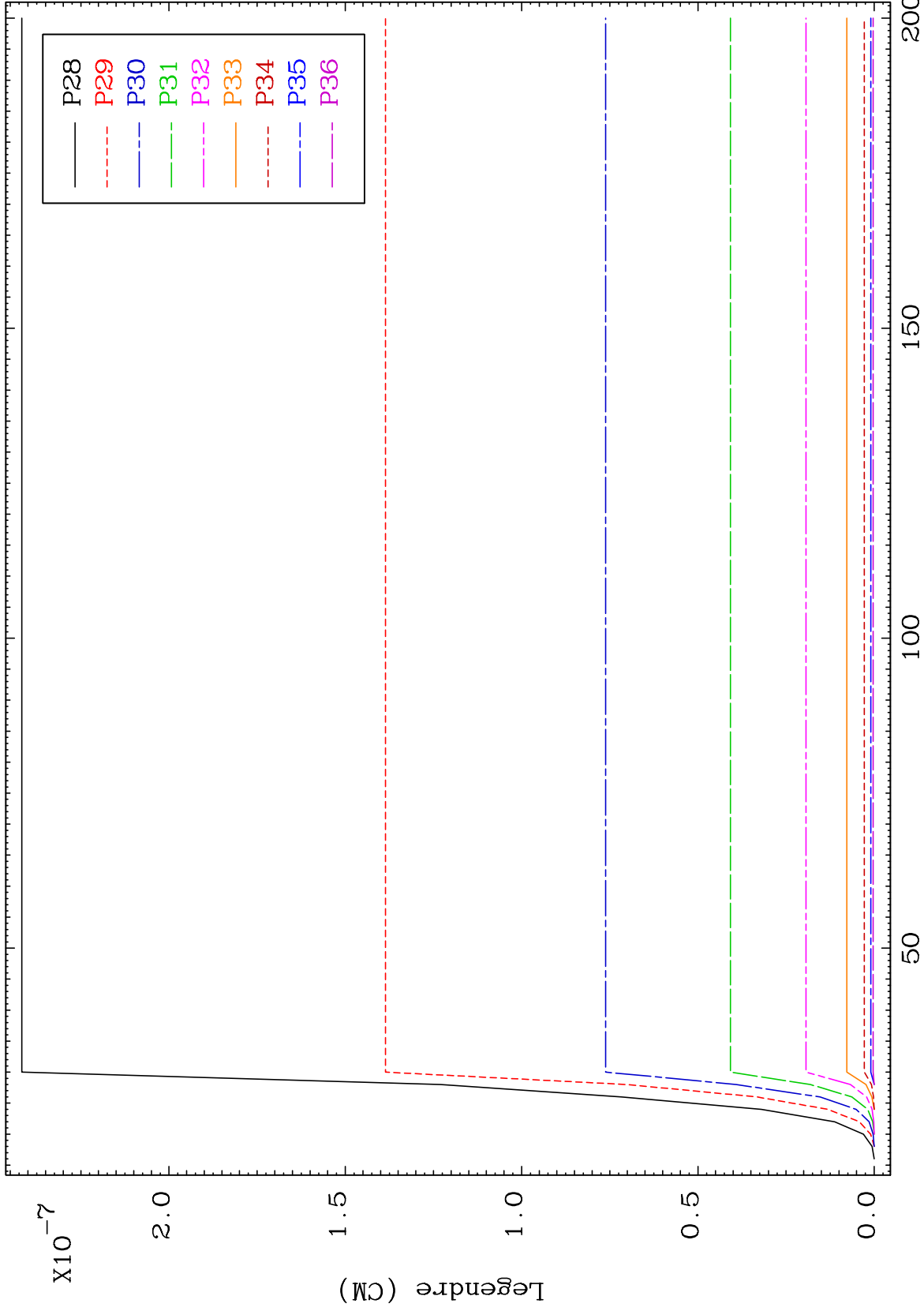


84

Incident Energy (MeV)

84-Po-207

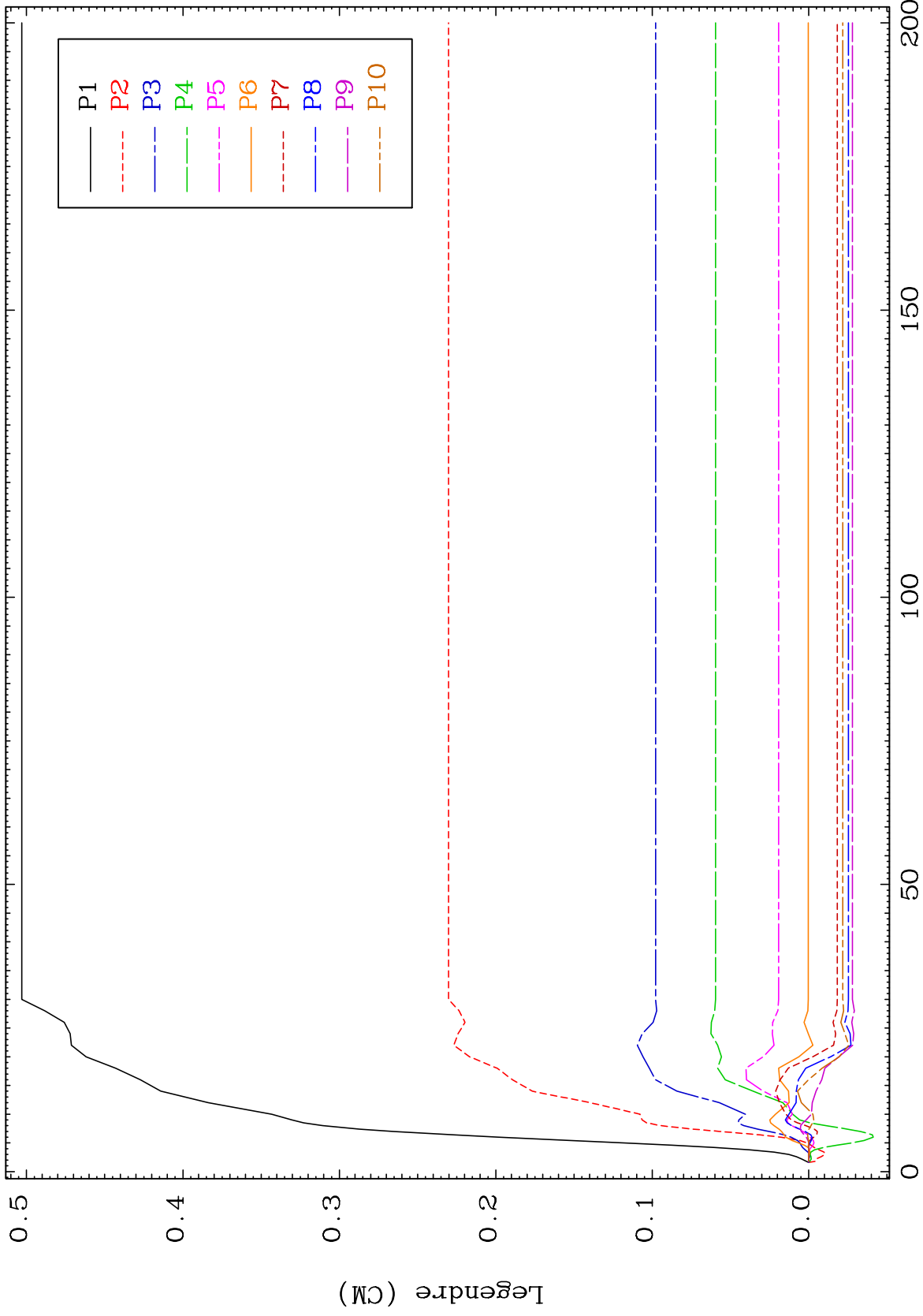




MAT 8428

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

84-Po-207



87

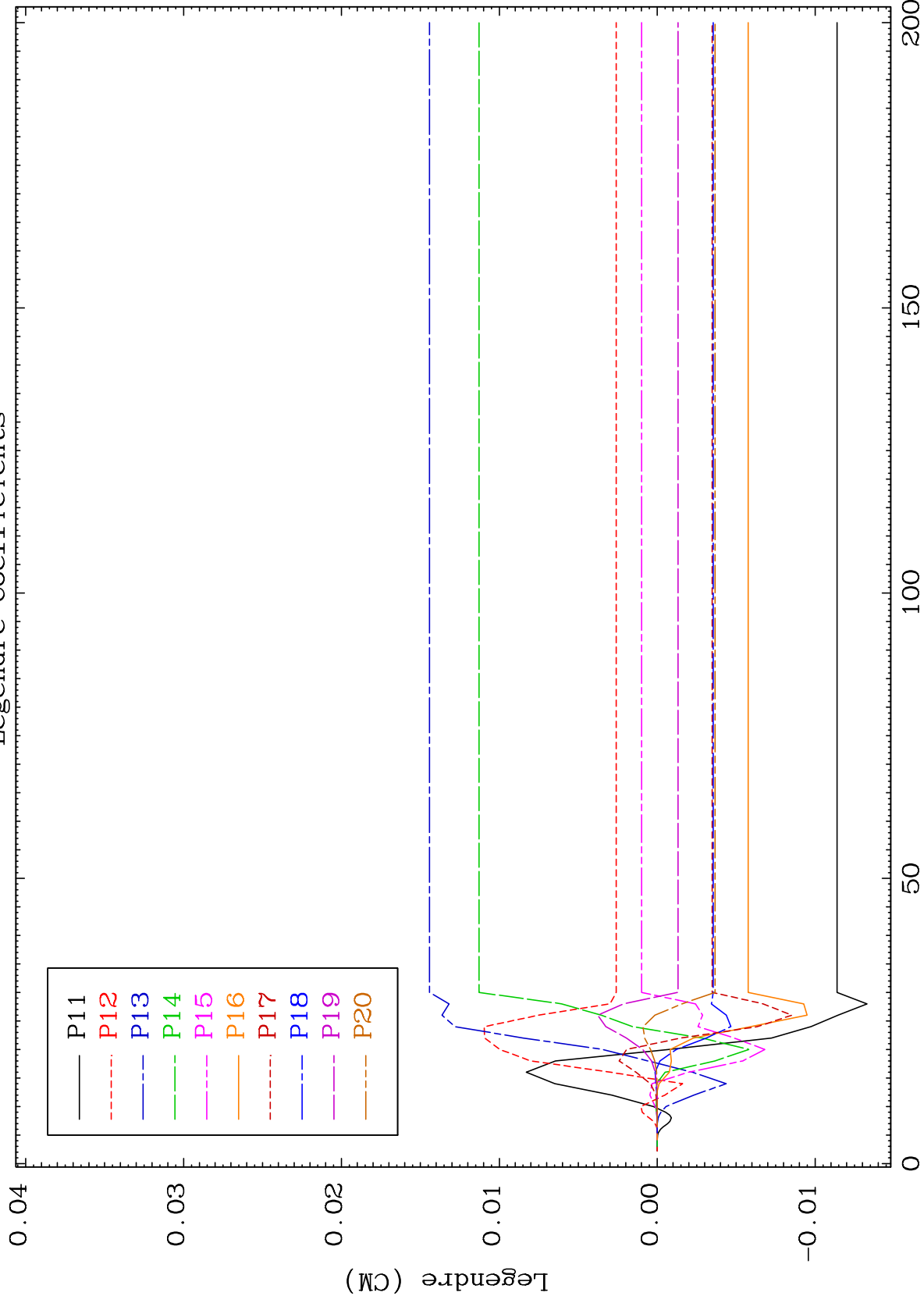
Incident Energy (MeV)

84-Po-207

MAT 8428

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

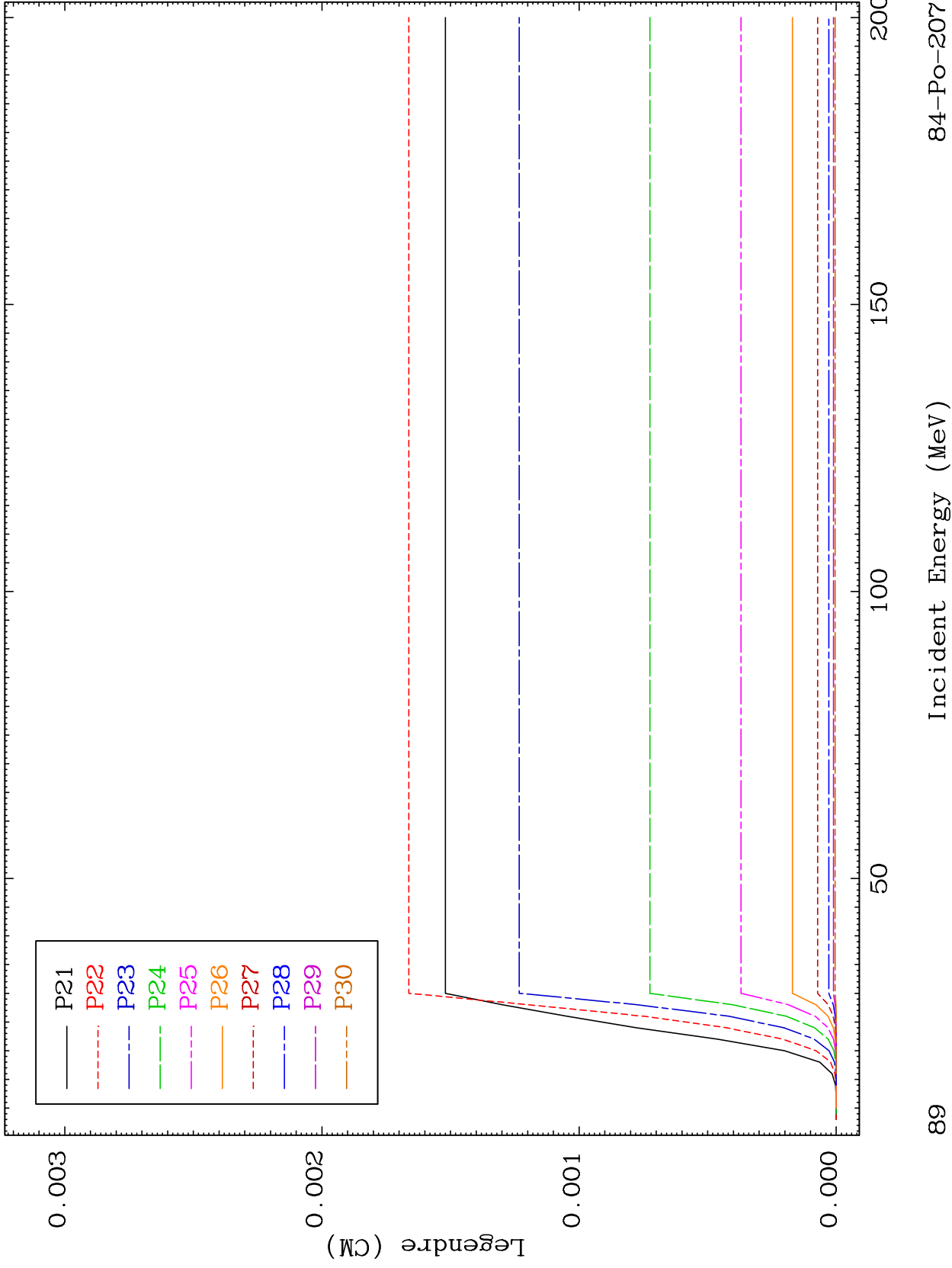
84-Po-207



88

Incident Energy (MeV)

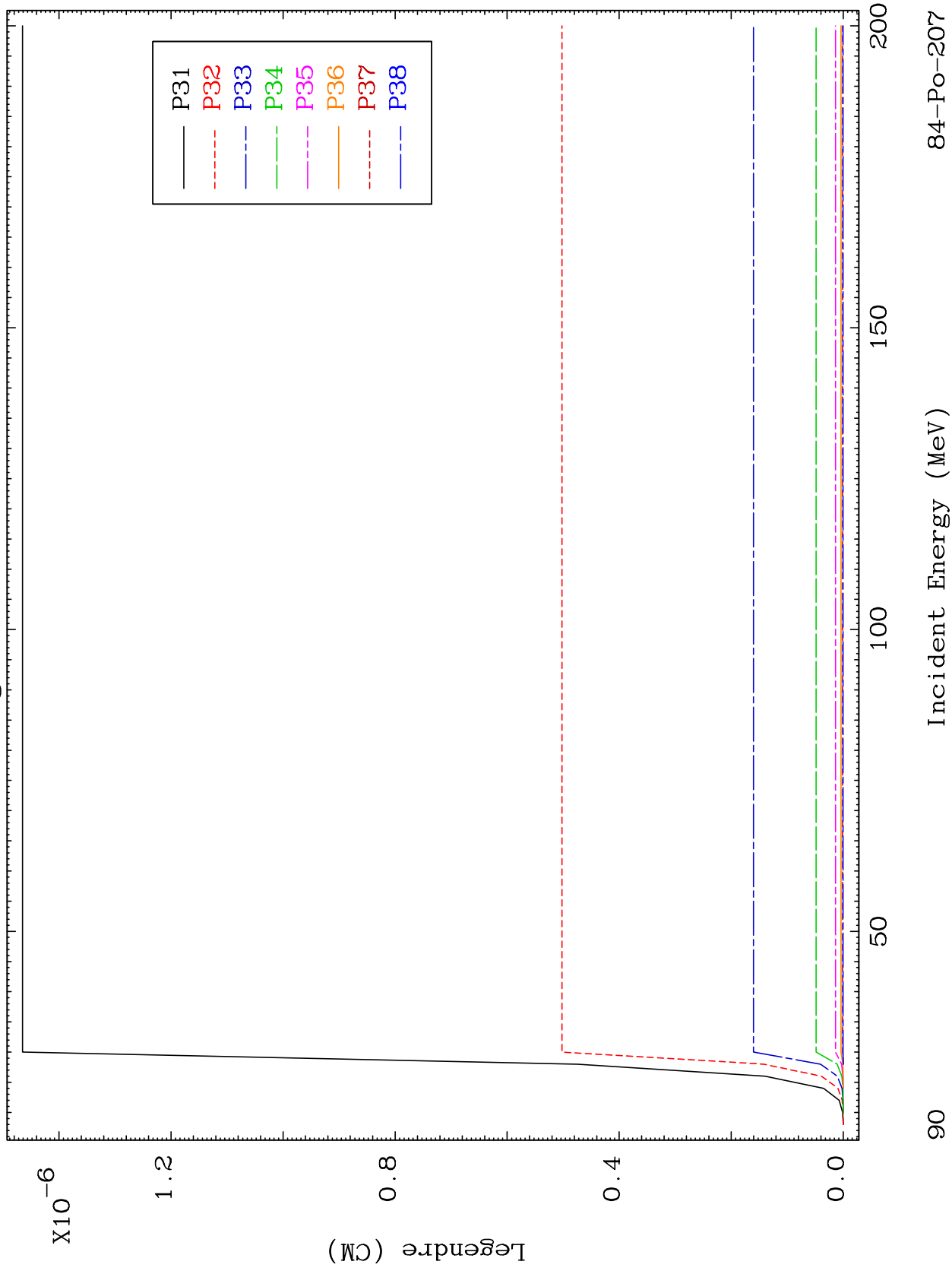
84-Po-207



MAT 8428

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

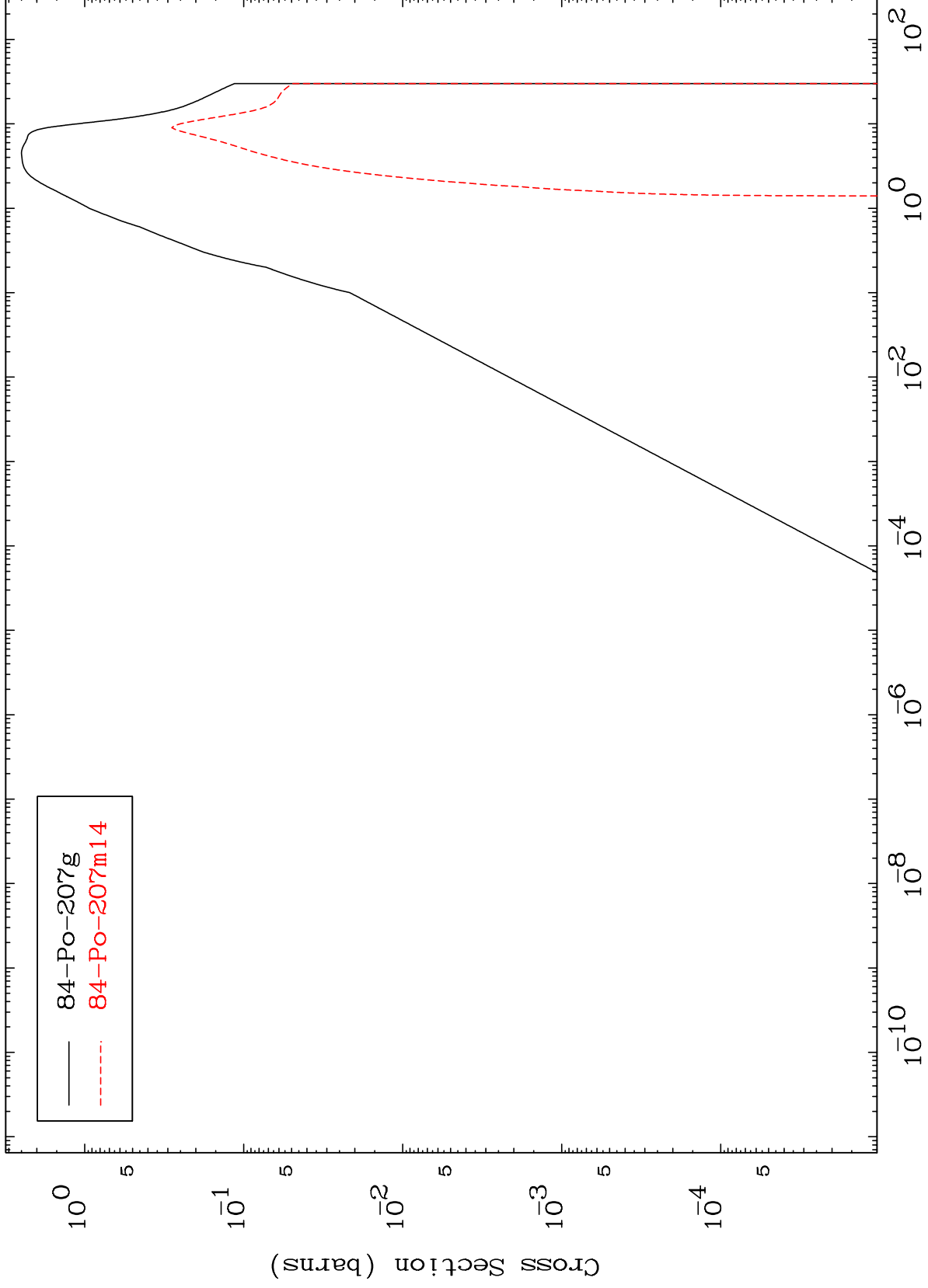
84-Po-207



MAT 8428

Radionuclide Production Cross Section

84-Po-207



84-Po-207g
84-Po-207m14

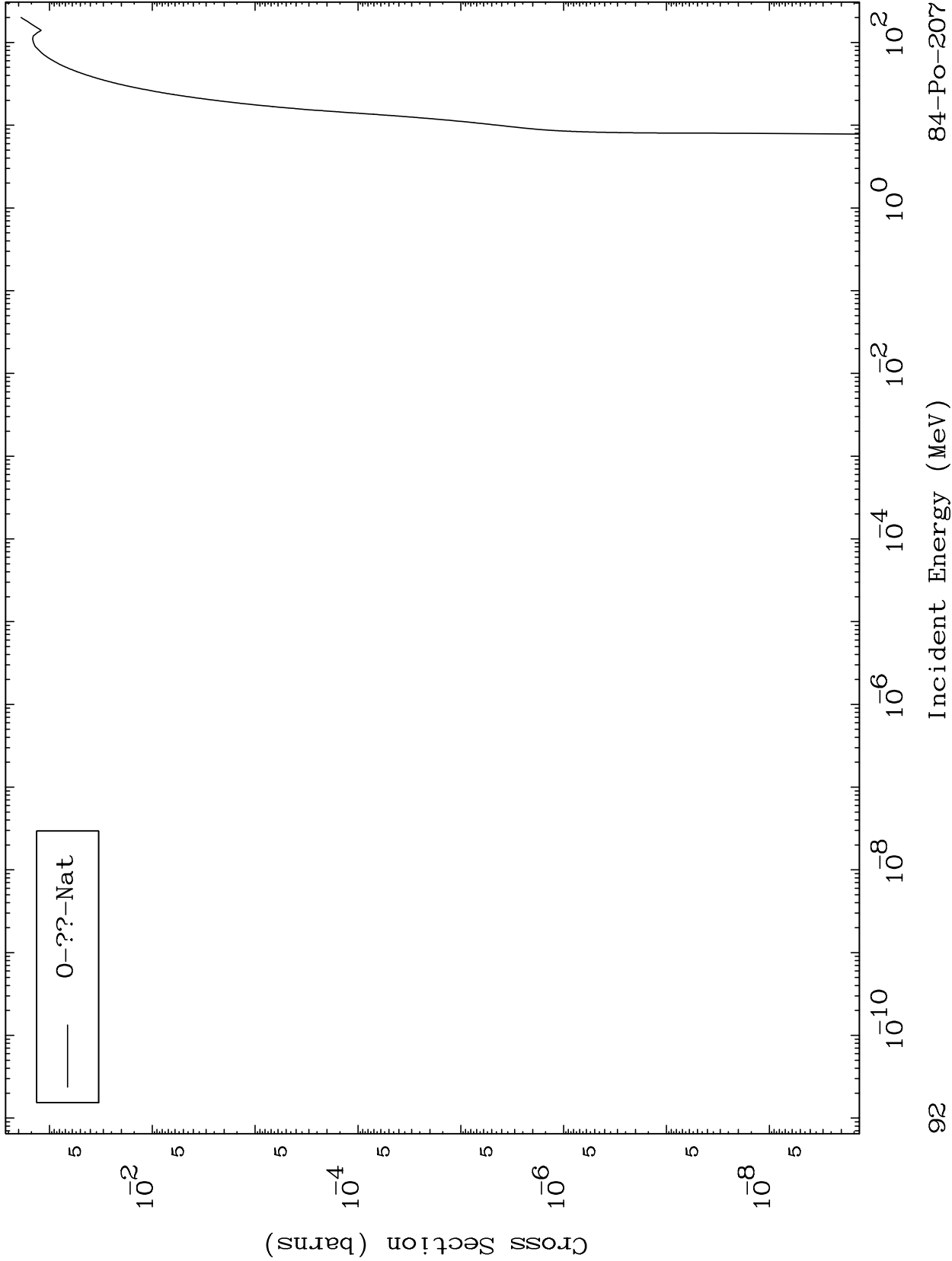
84-Po-207

MAT 8428

Fission

84-Po-207

Radionuclide Production Cross Section



92

Incident Energy (MeV)

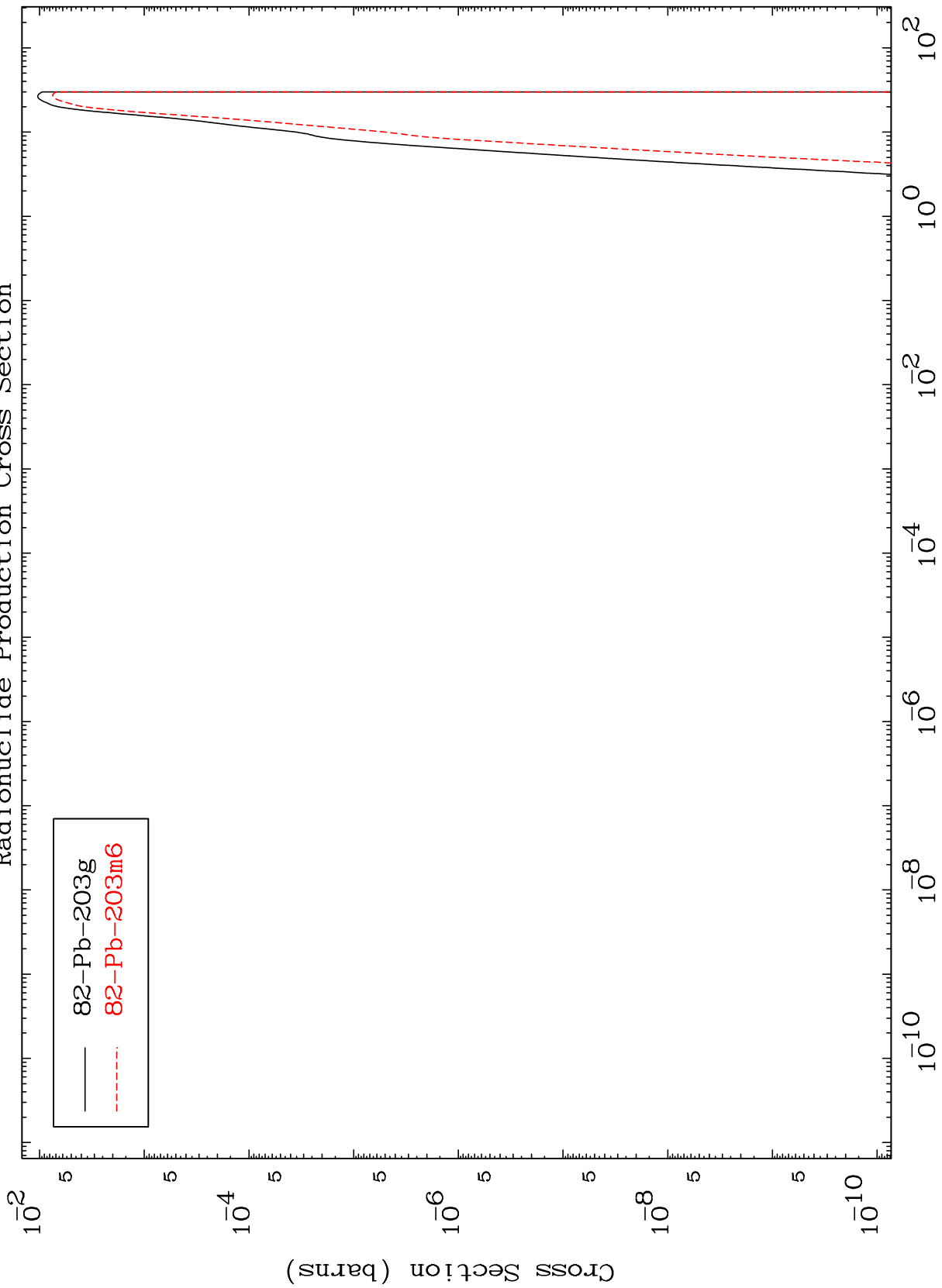
84-Po-207

MAT 8428

(n,n') α

84-Po-207

Radionuclide Production Cross Section

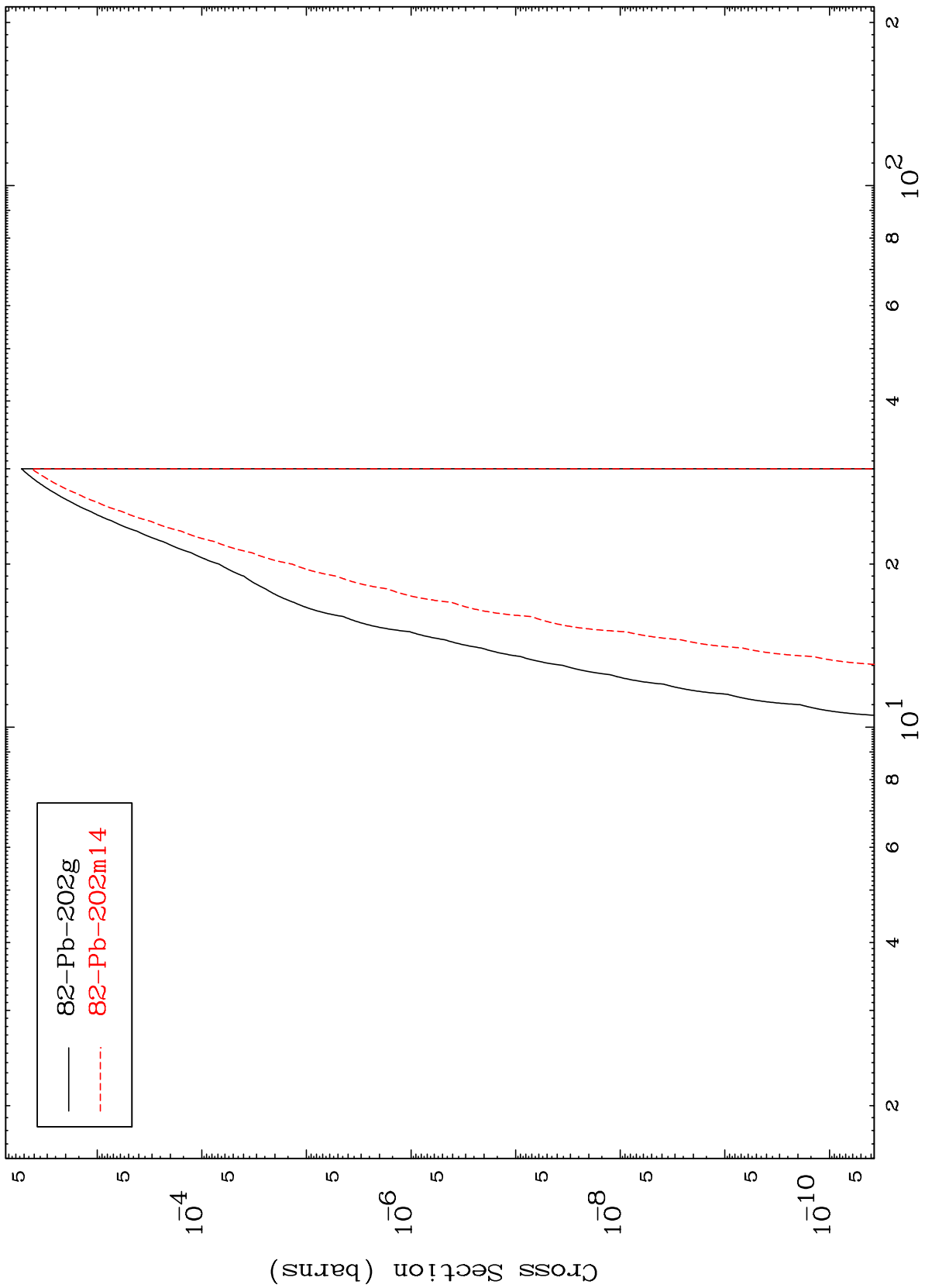


MAT 8428

(n,2n) α

84-Po-207

Radionuclide Production Cross Section



— 82-Pb-202g
- - - 82-Pb-202m14

94

Incident Energy (MeV)

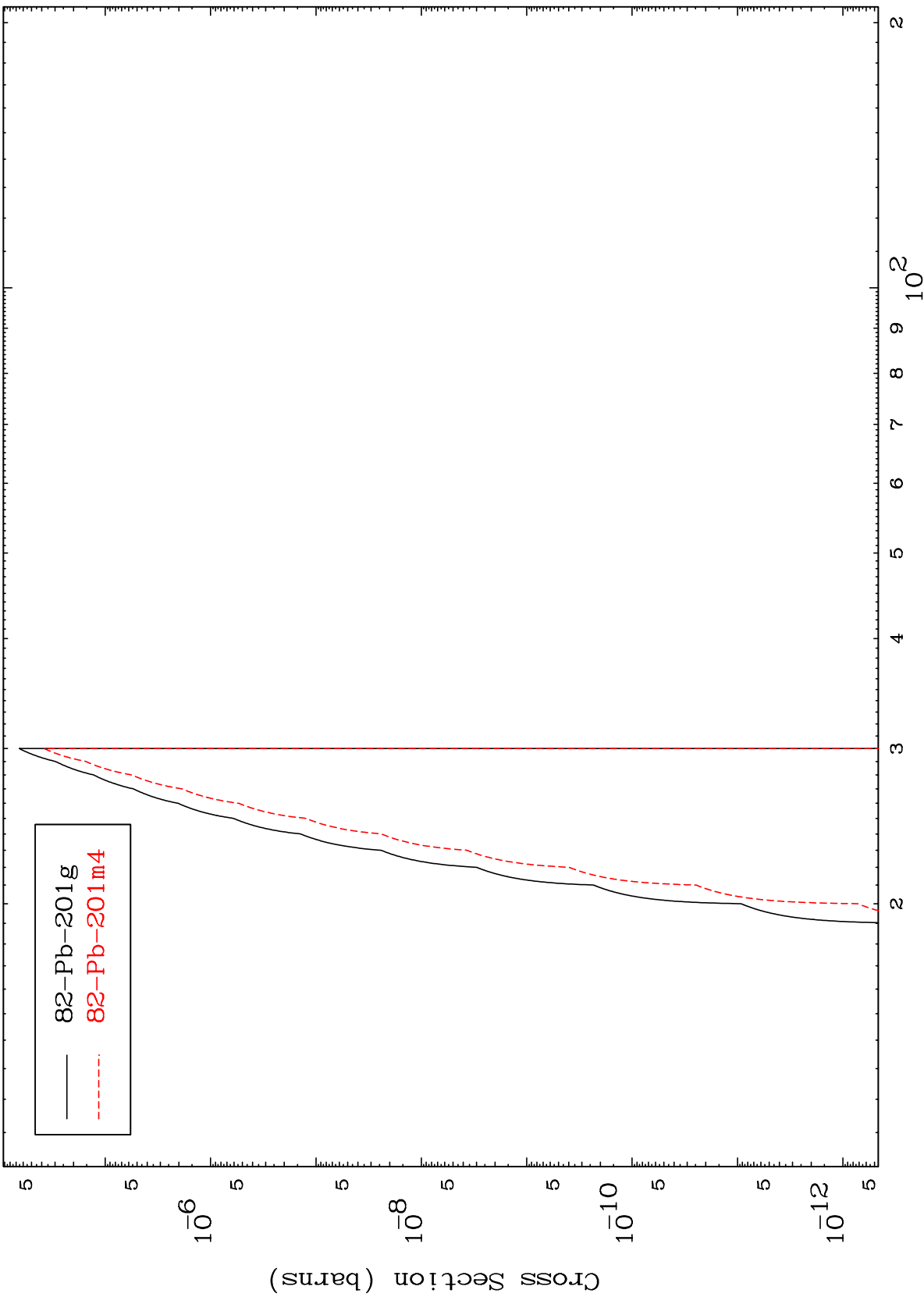
84-Po-207

MAT 8428

(n,3n) α

84-Po-207

Radionuclide Production Cross Section



95

Incident Energy (MeV)

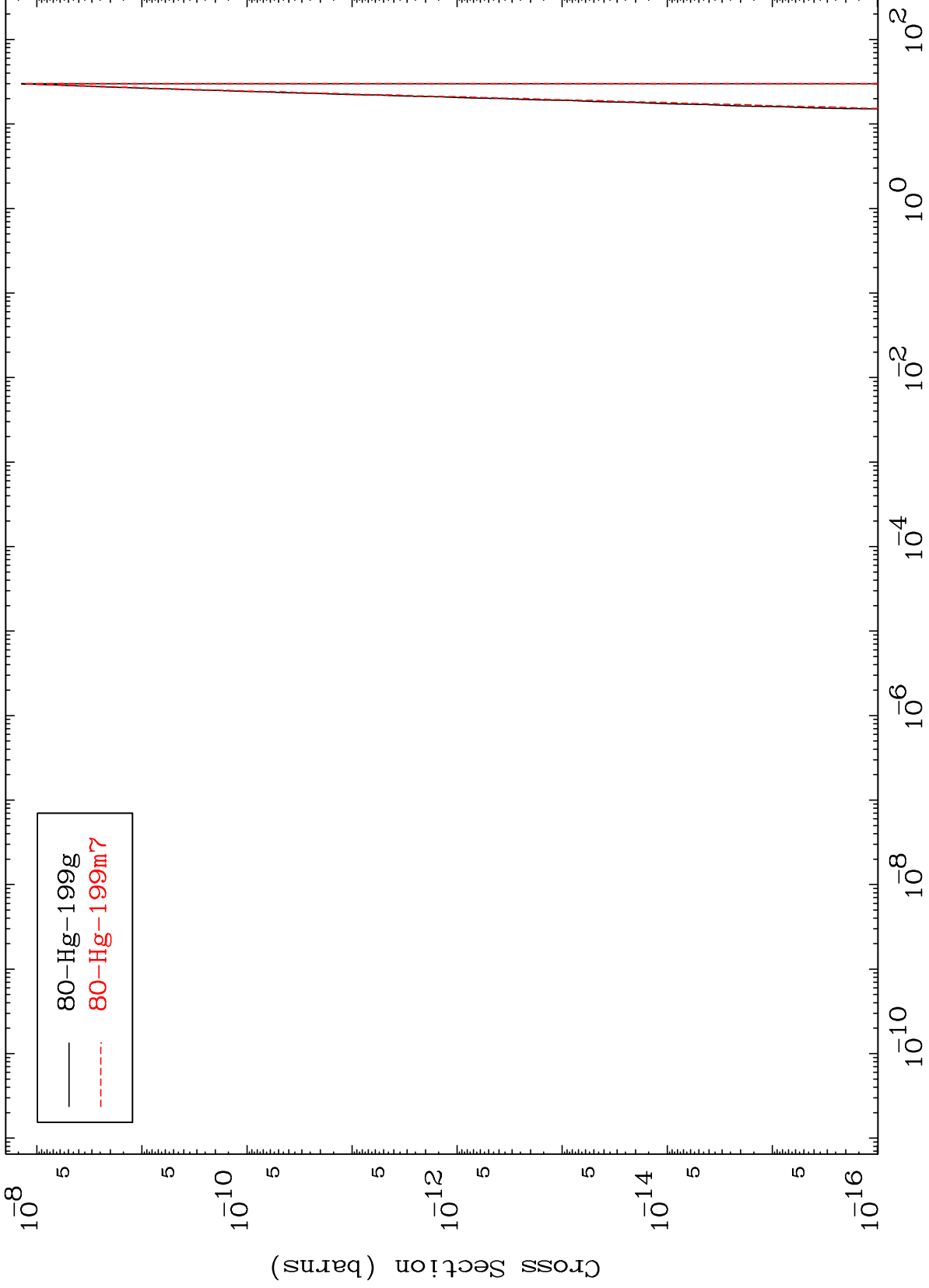
84-Po-207

MAT 8428

(n,n') 2 α

84-Po-207

Radionuclide Production Cross Section



96

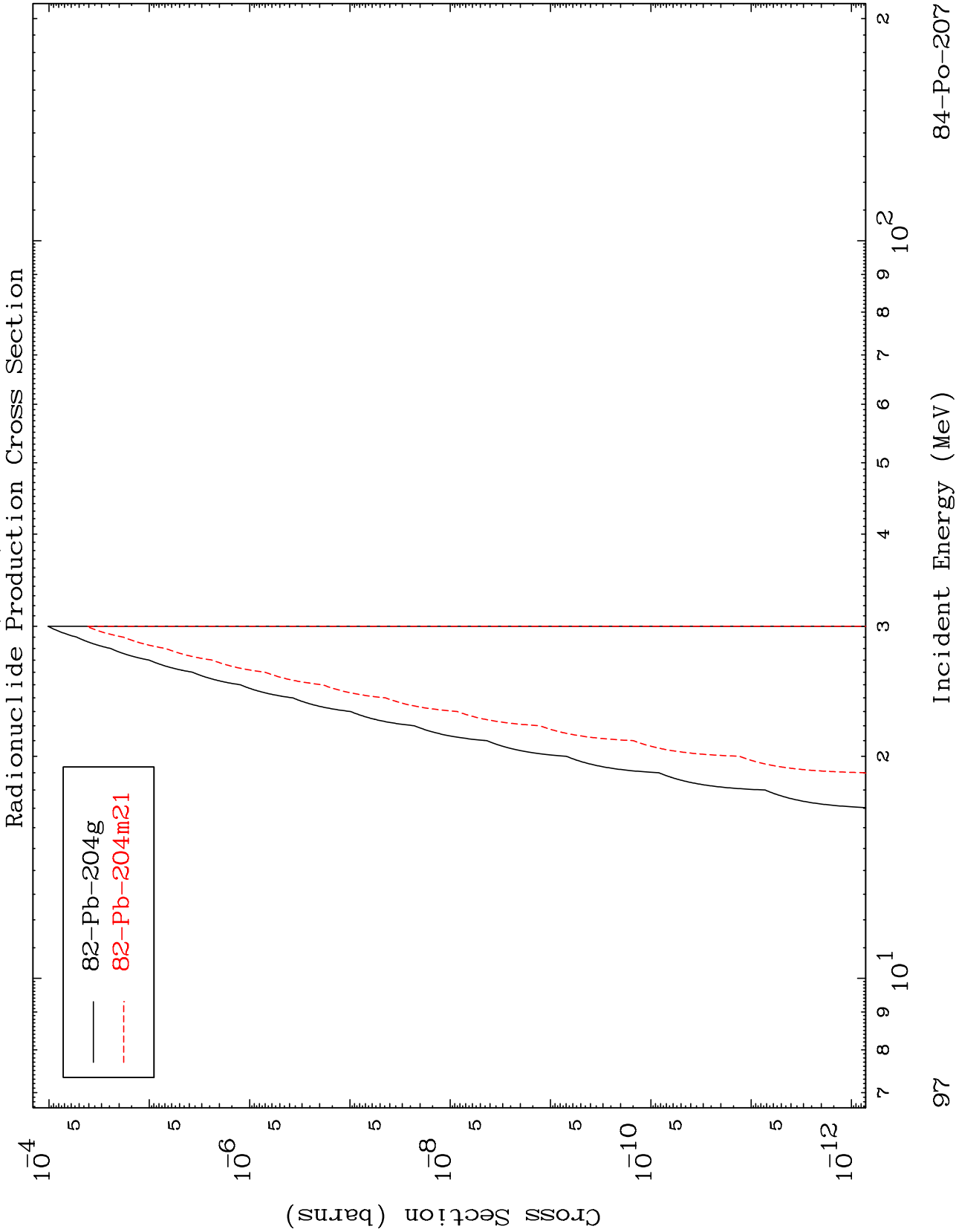
Incident Energy (MeV)

84-Po-207

MAT 8428

(n,n') He-3

84-Po-207



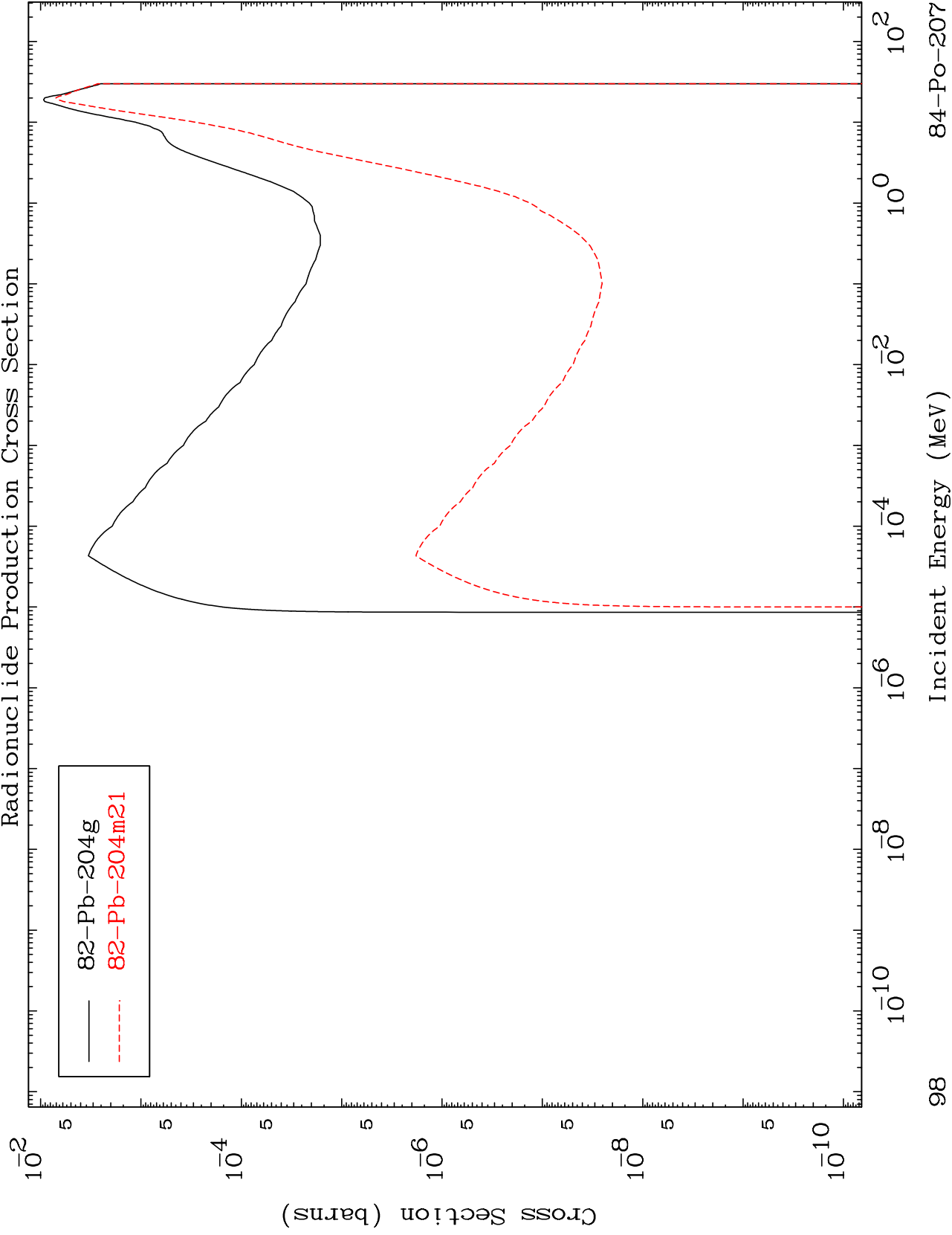
97

84-Po-207

MAT 8428

84-Po-207

(n, α)
Radionuclide Production Cross Section



98

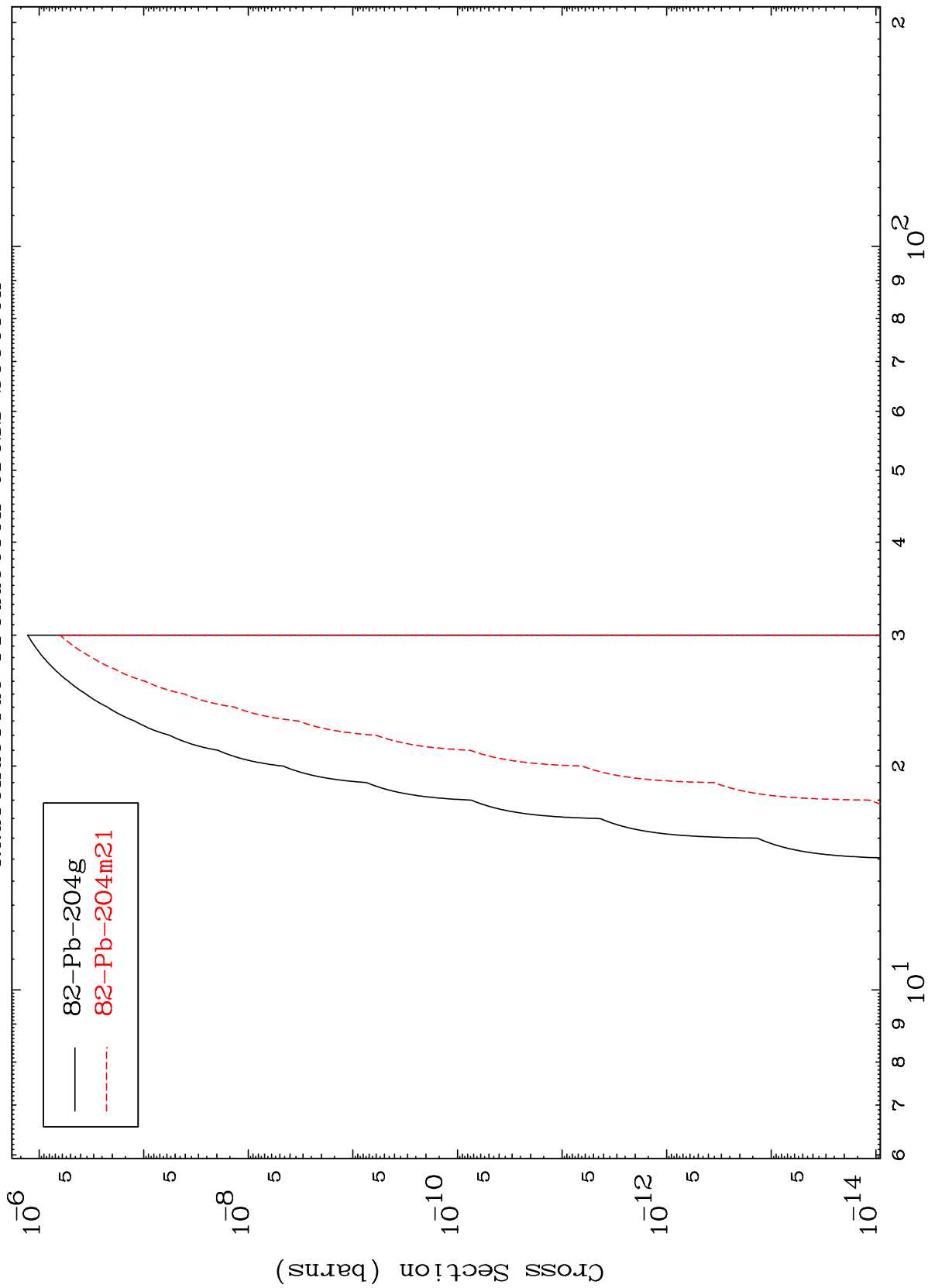
84-Po-207

MAT 8428

(n,p) t

84-Po-207

Radionuclide Production Cross Section



99

Incident Energy (MeV)

84-Po-207