

Program EVALPLOT
(Version 2021-1)

by

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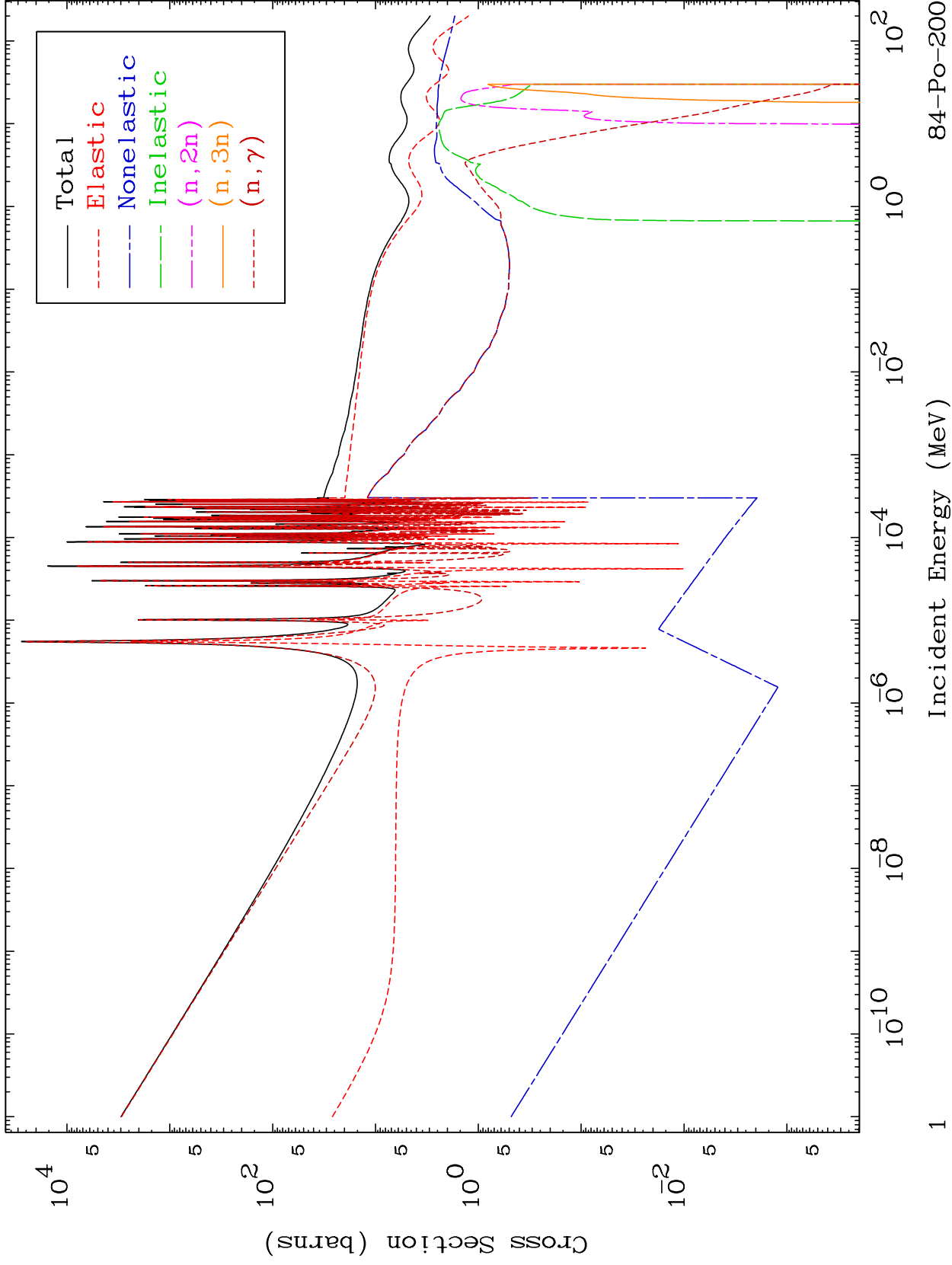
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Press Mouse Button to Start

MAT 8407

Neutron Major
293 Kelvin Cross Sections

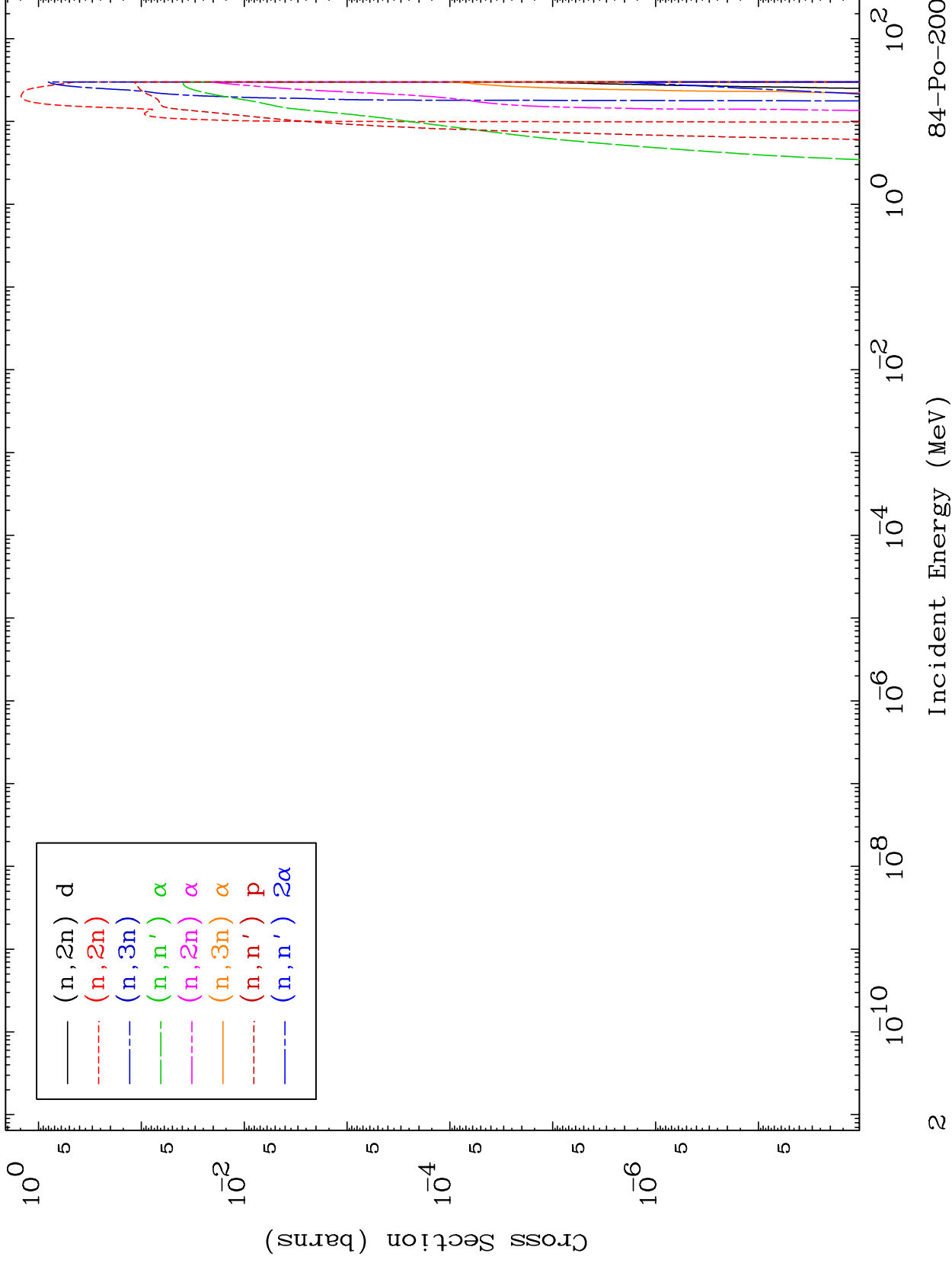
84-Po-200



MAT 8407

Neutron Absorption
293 Kelvin Cross Sections

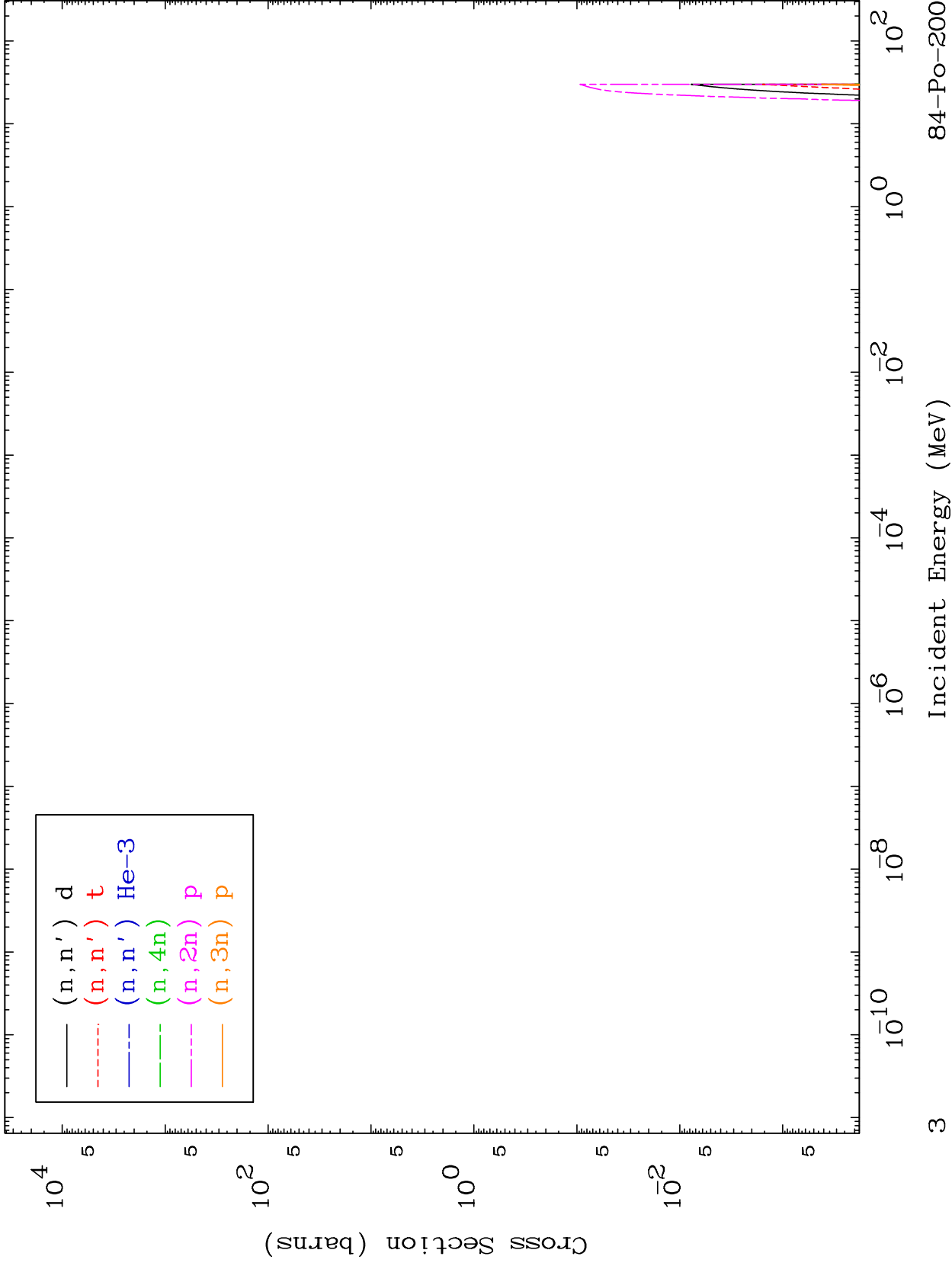
84-Po-200



MAT 8407

Neutron Absorption
293 Kelvin Cross Sections

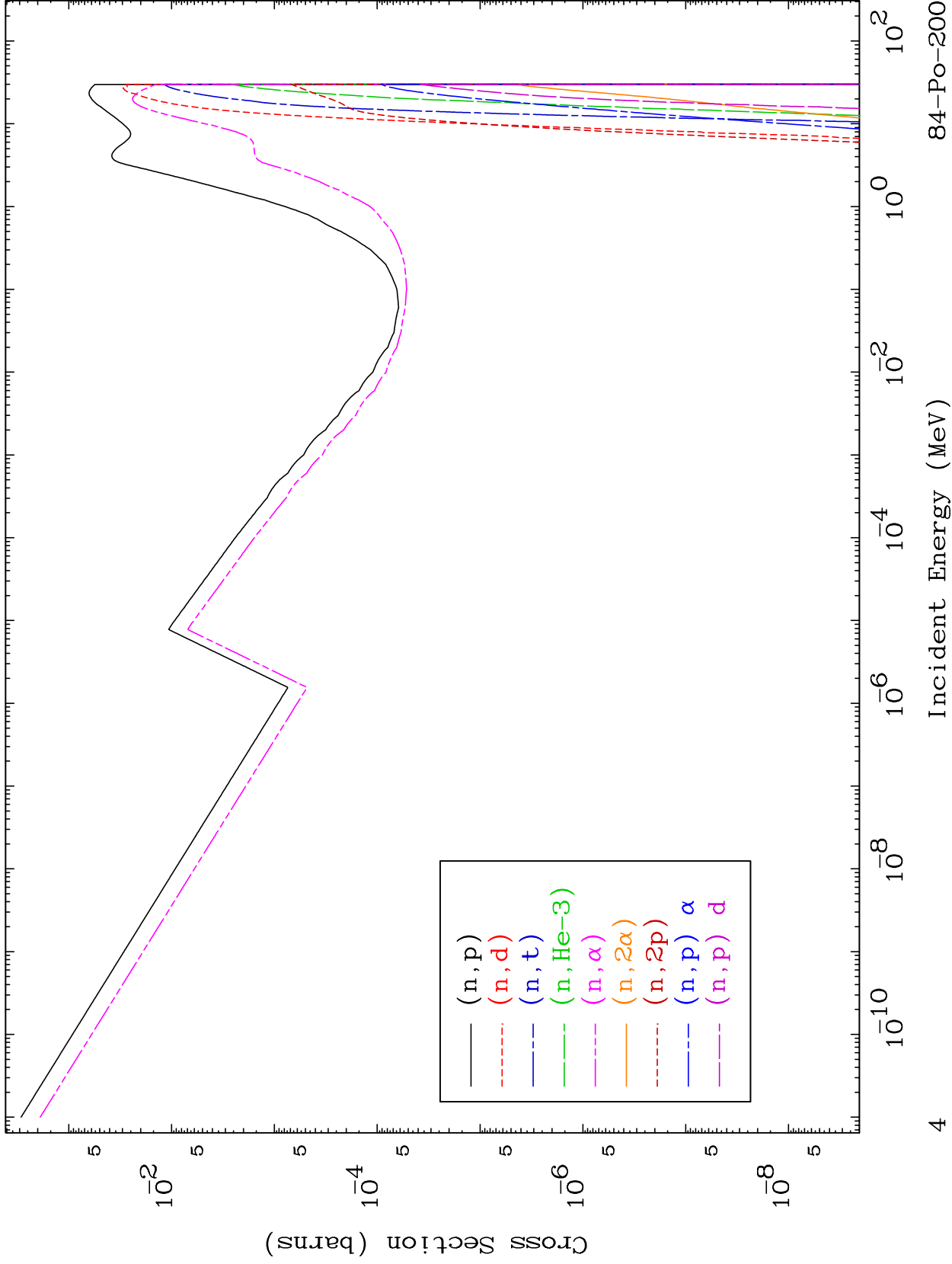
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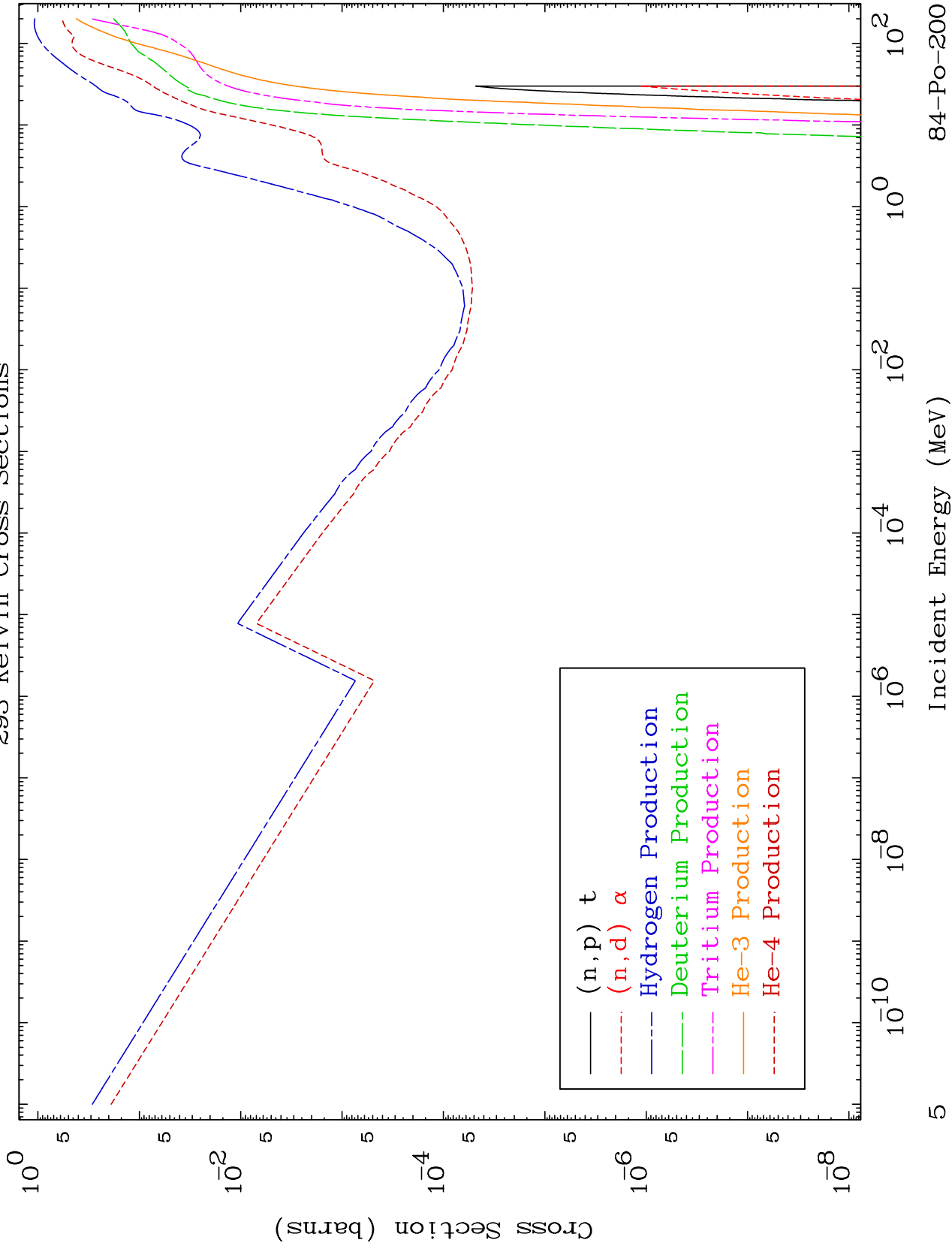


MAT 8407

Neutron Absorption
293 Kelvin Cross Sections

84-Po-200

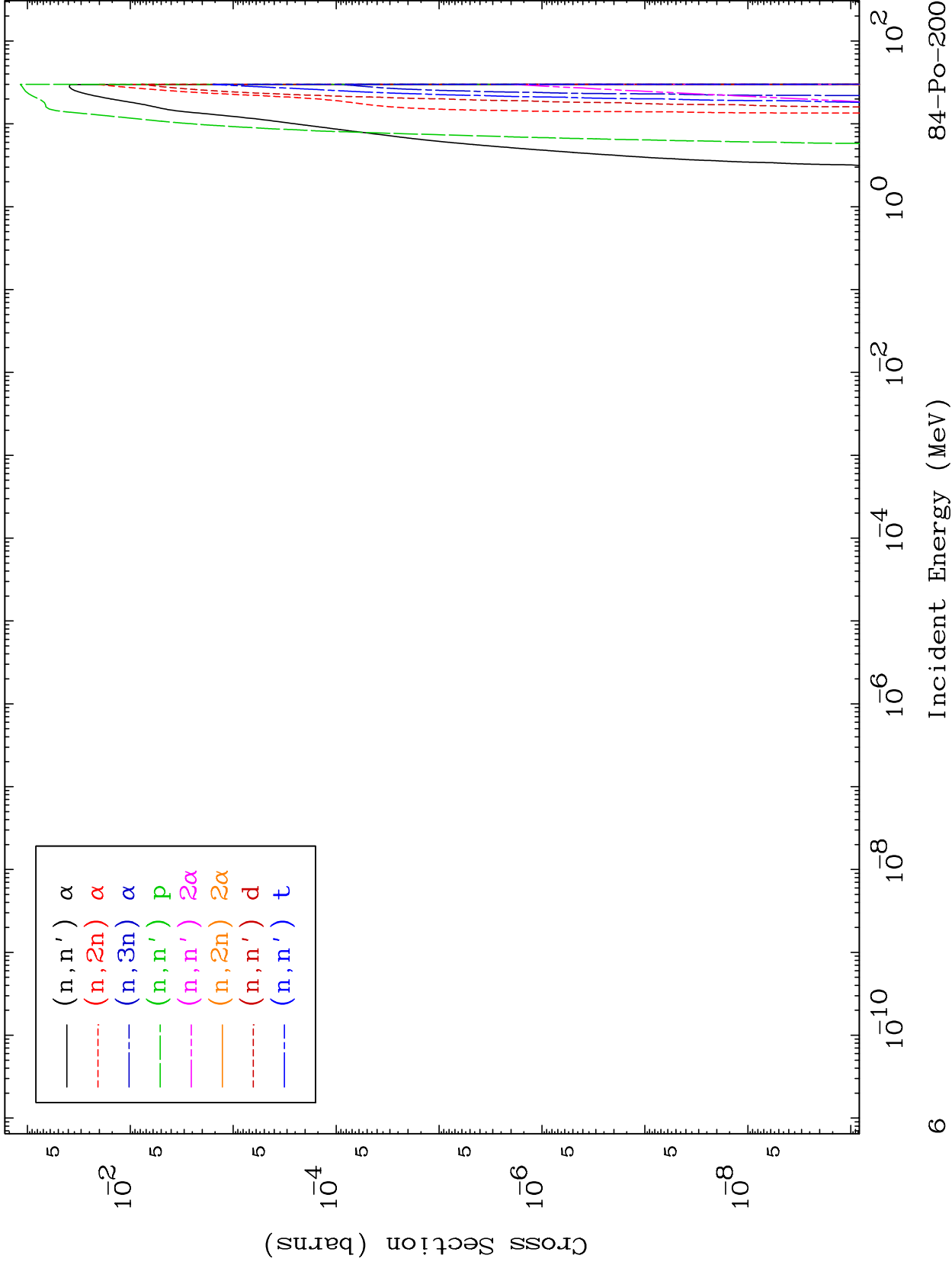




MAT 8407

Charged Particle
293 Kelvin Cross Sections

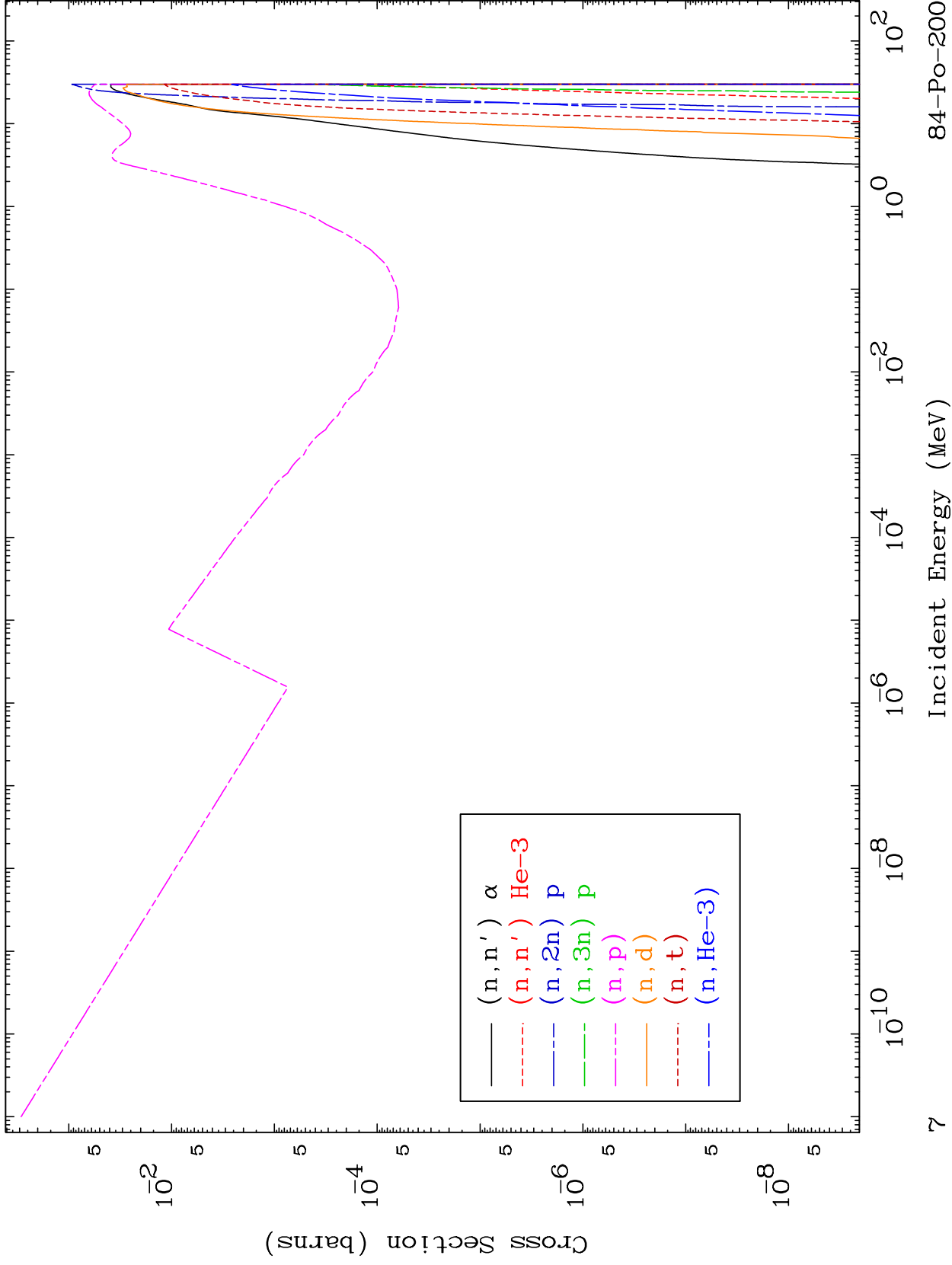
84-Po-200



MAT 8407

Charged Particle
293 Kelvin Cross Sections

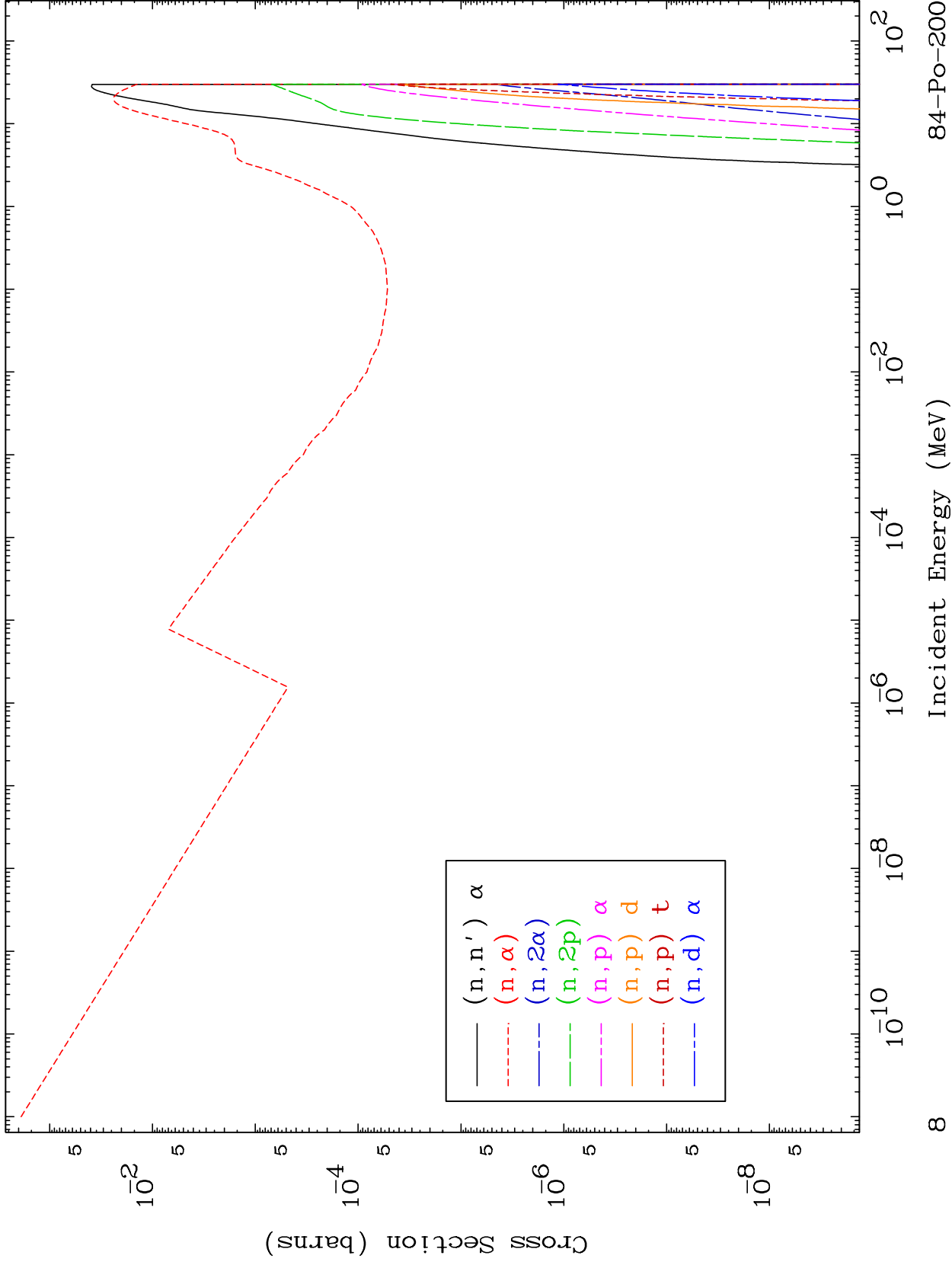
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MAT 8407

Charged Particle
293 Kelvin Cross Sections

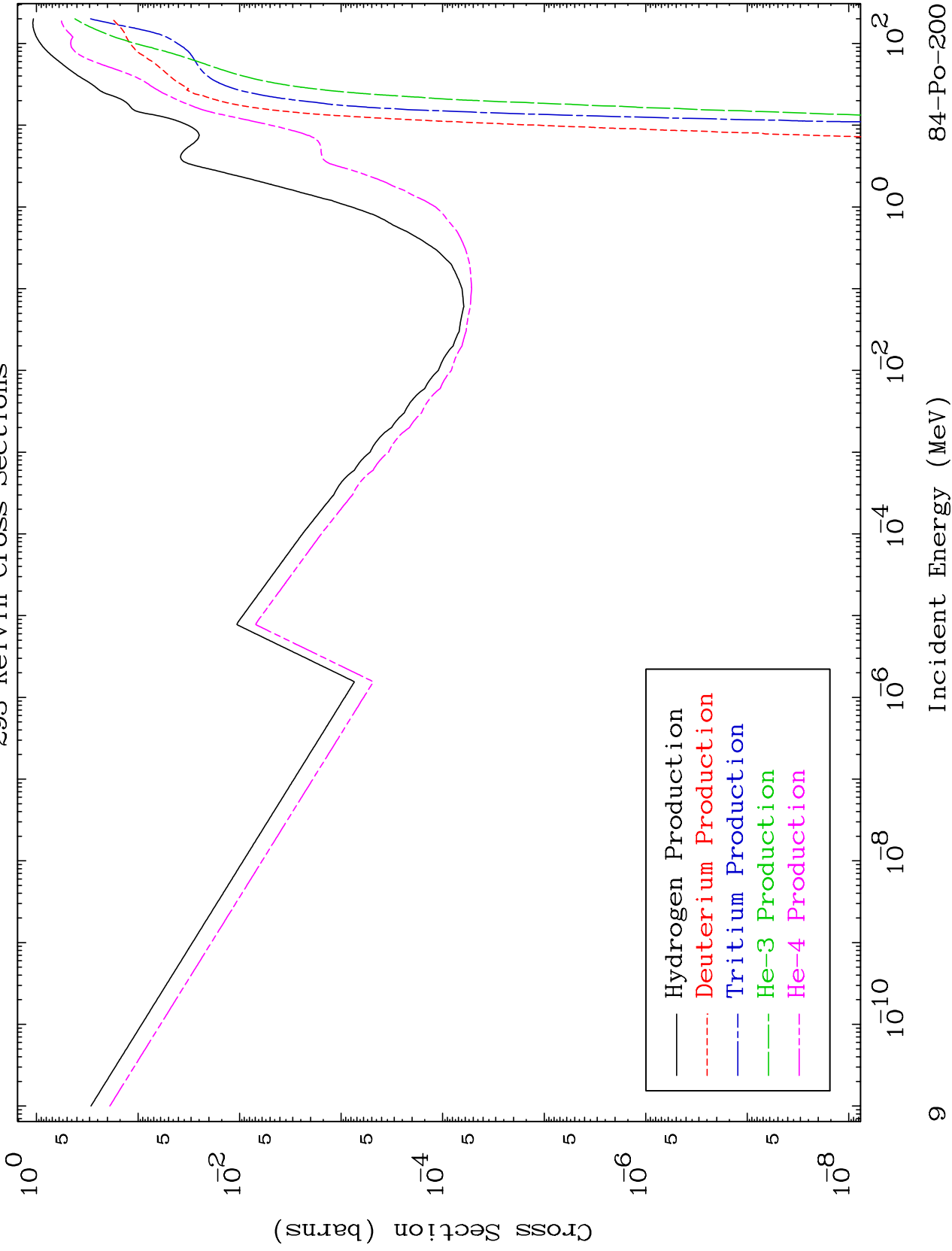
84-Po-200



MAT 8407

Particle Production
293 Kelvin Cross Sections

84-Po-200

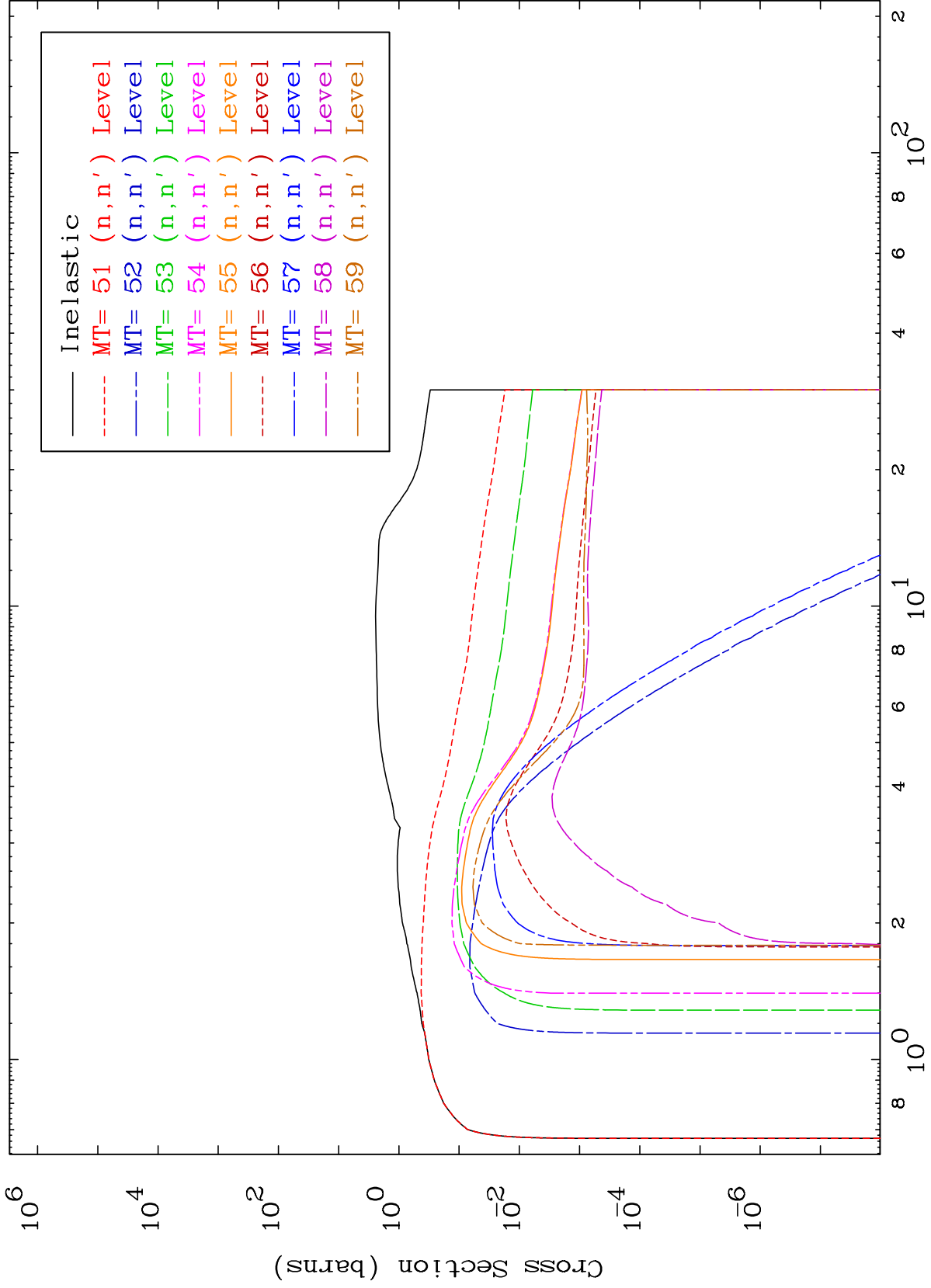


MAT 8407

(n,n') Levels

84-Po-200

293 Kelvin Cross Sections



10

Incident Energy (MeV)

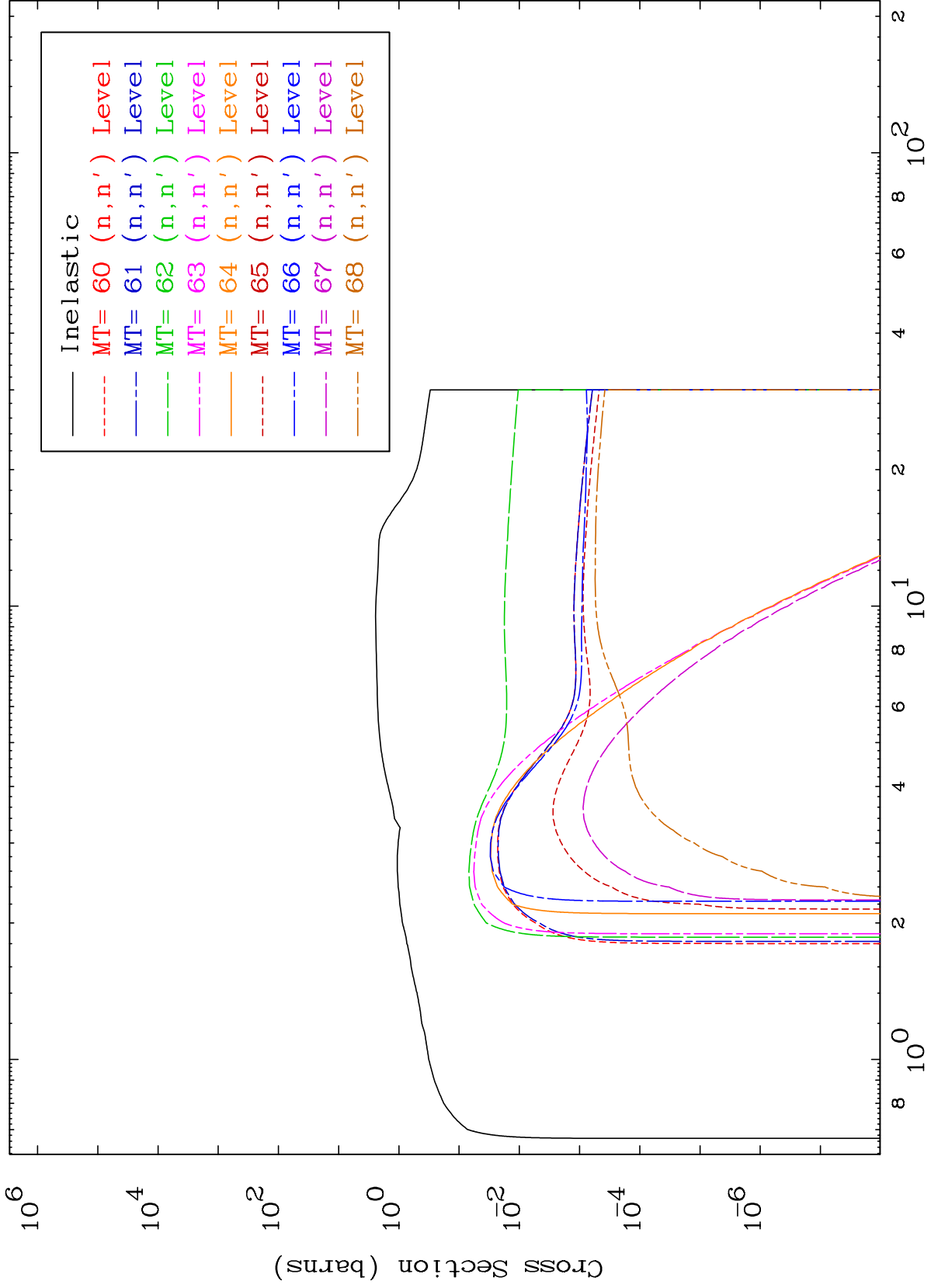
84-Po-200

MAT 8407

(n,n') Levels

84-Po-200

293 Kelvin Cross Sections

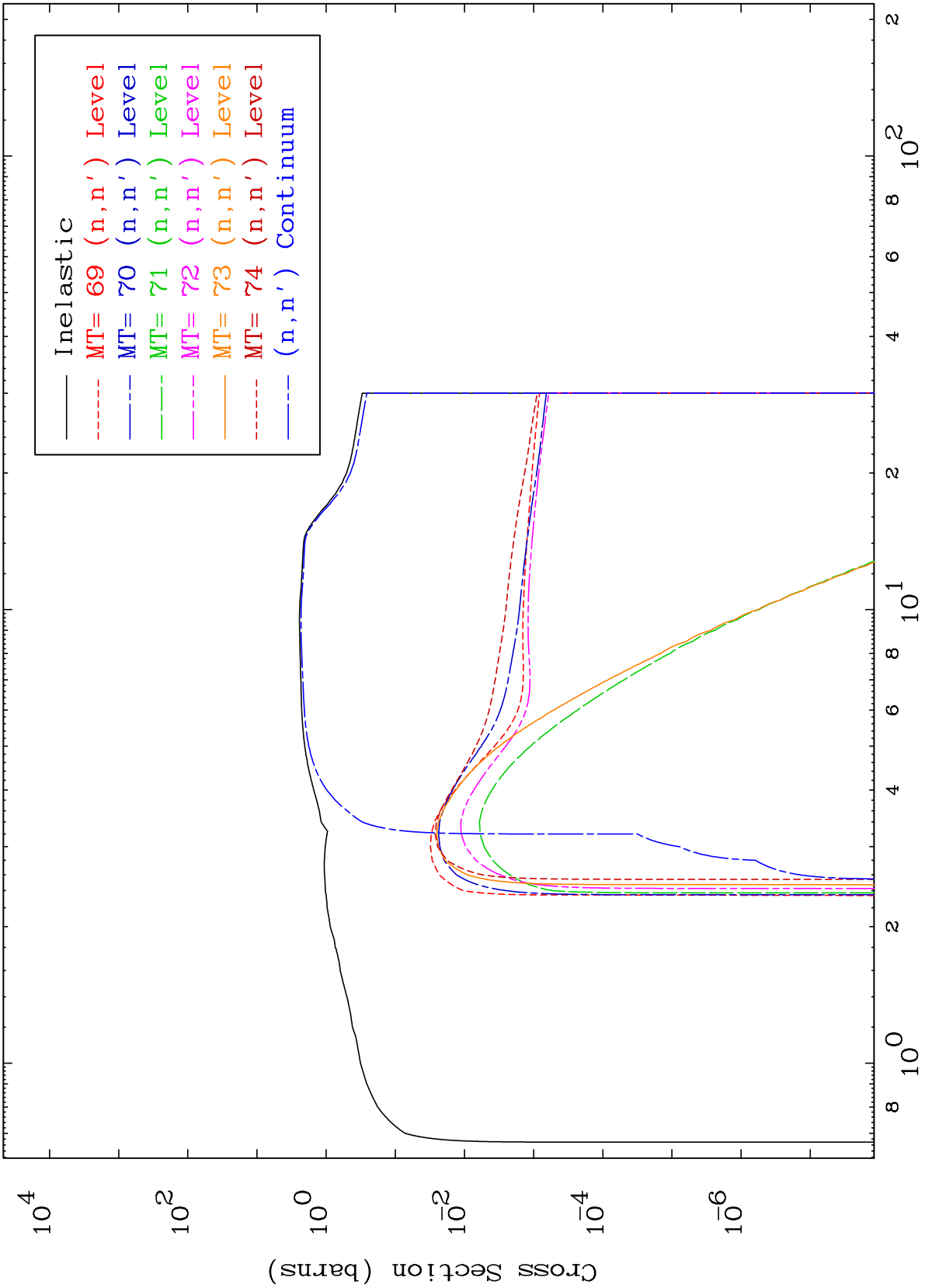


MAT 8407

(n,n') Levels

84-Po-200

293 Kelvin Cross Sections



12

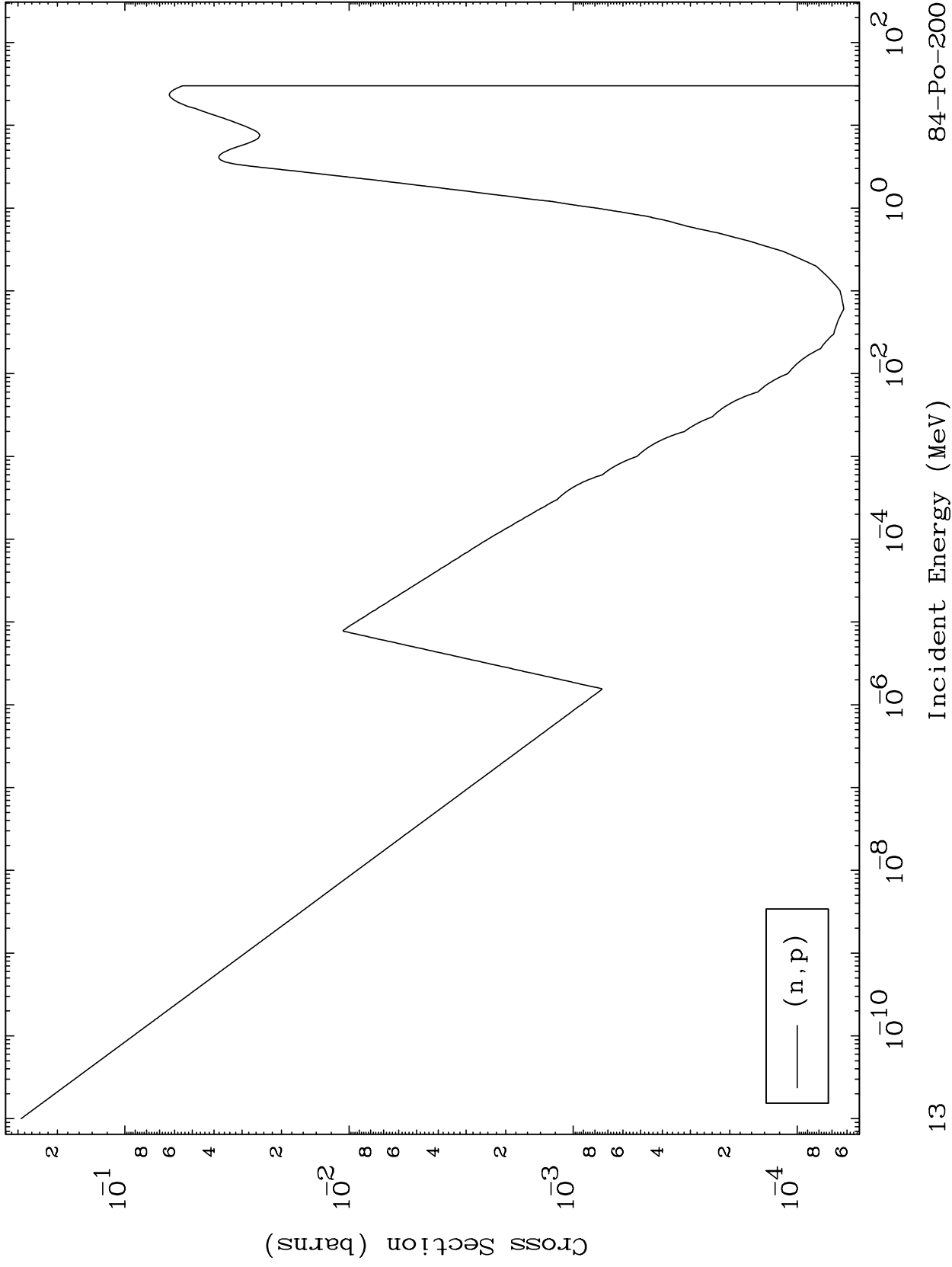
Incident Energy (MeV)

84-Po-200

MAT 8407

(n,p) Levels
293 Kelvin Cross Sections

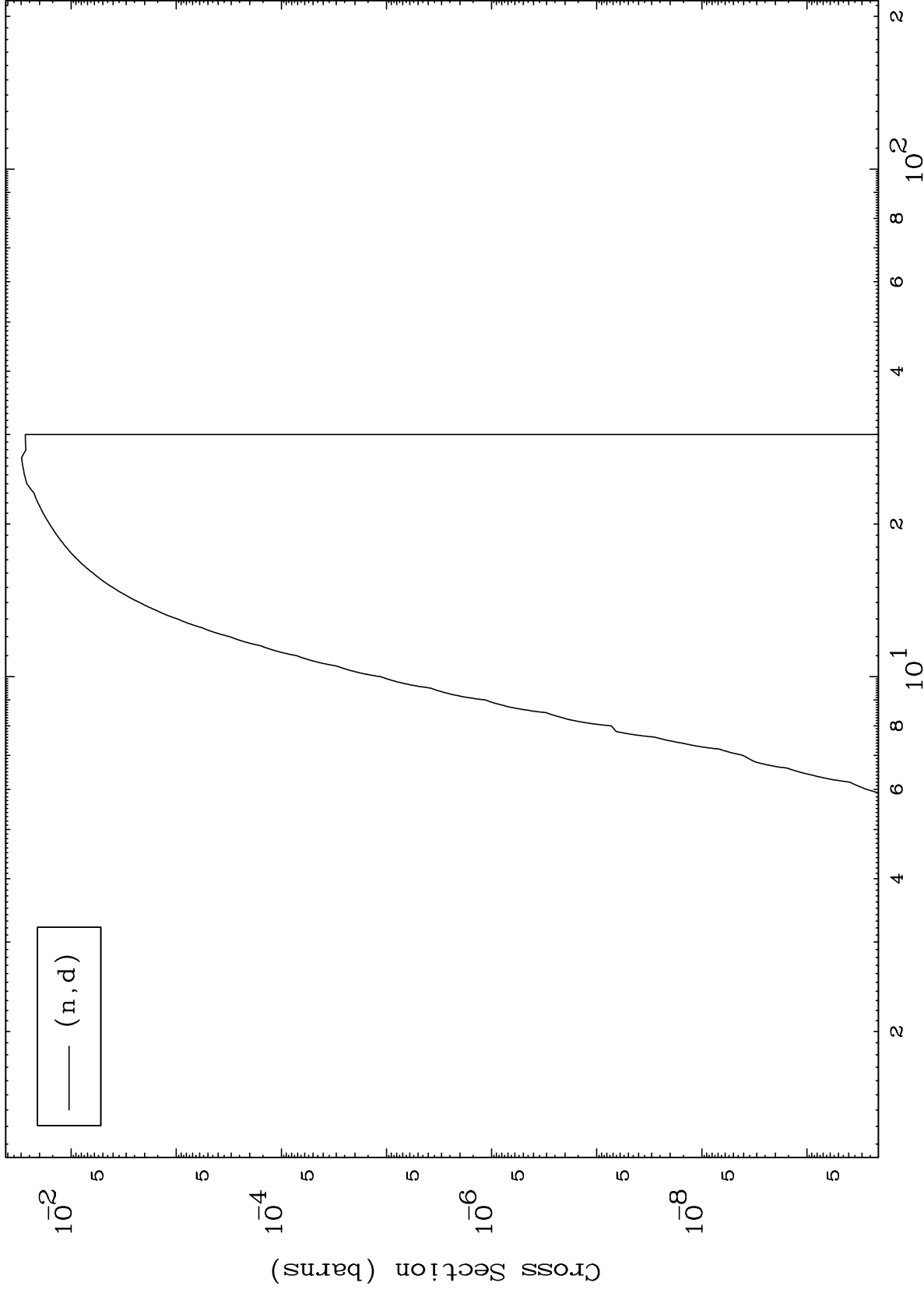
84-Po-200



MAT 8407

(n,d) Levels
293 Kelvin Cross Sections

84-Po-200



14

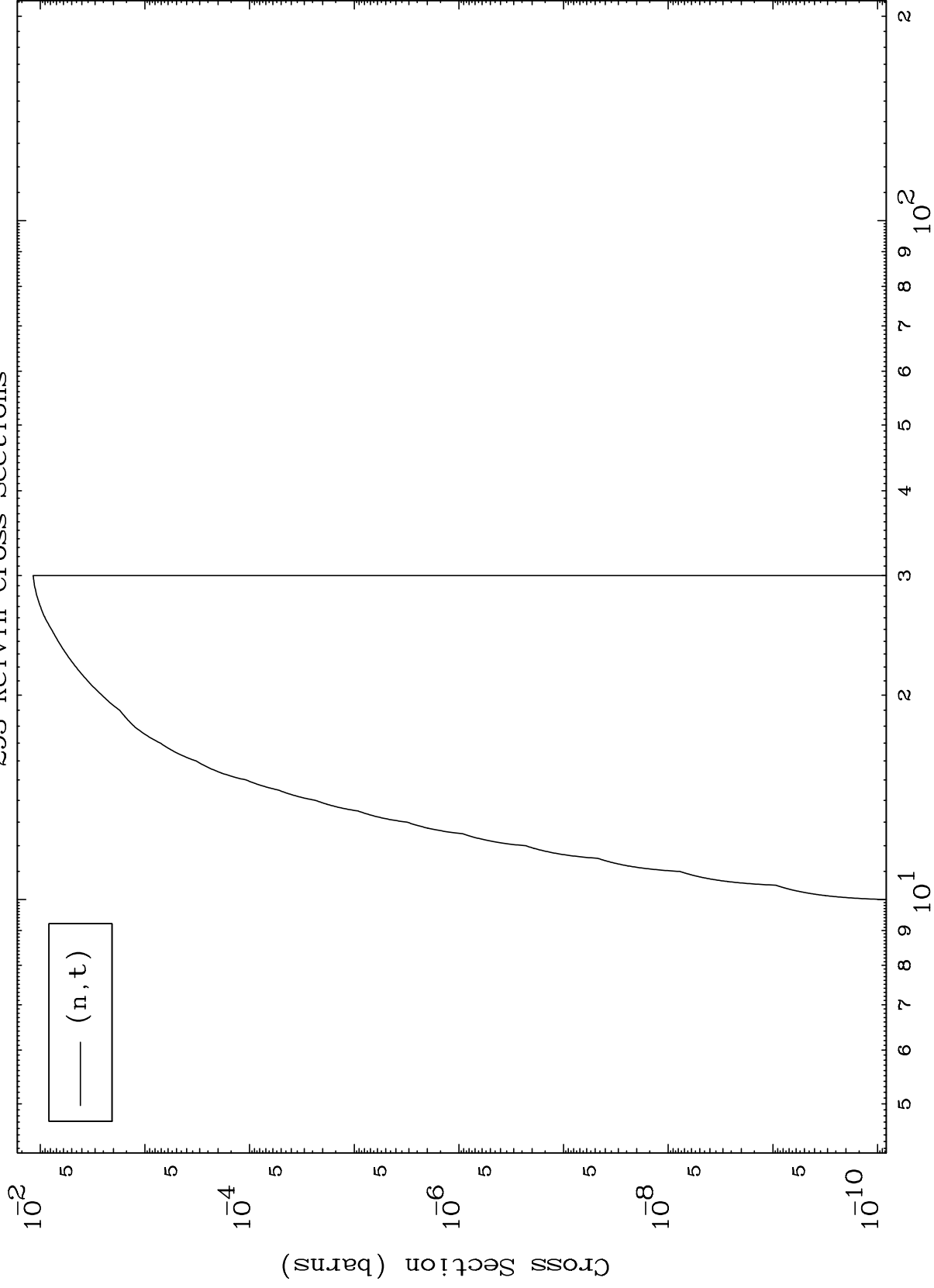
Incident Energy (MeV)

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MAT 8407

(n,t) Levels
293 Kelvin Cross Sections

84-Po-200



15

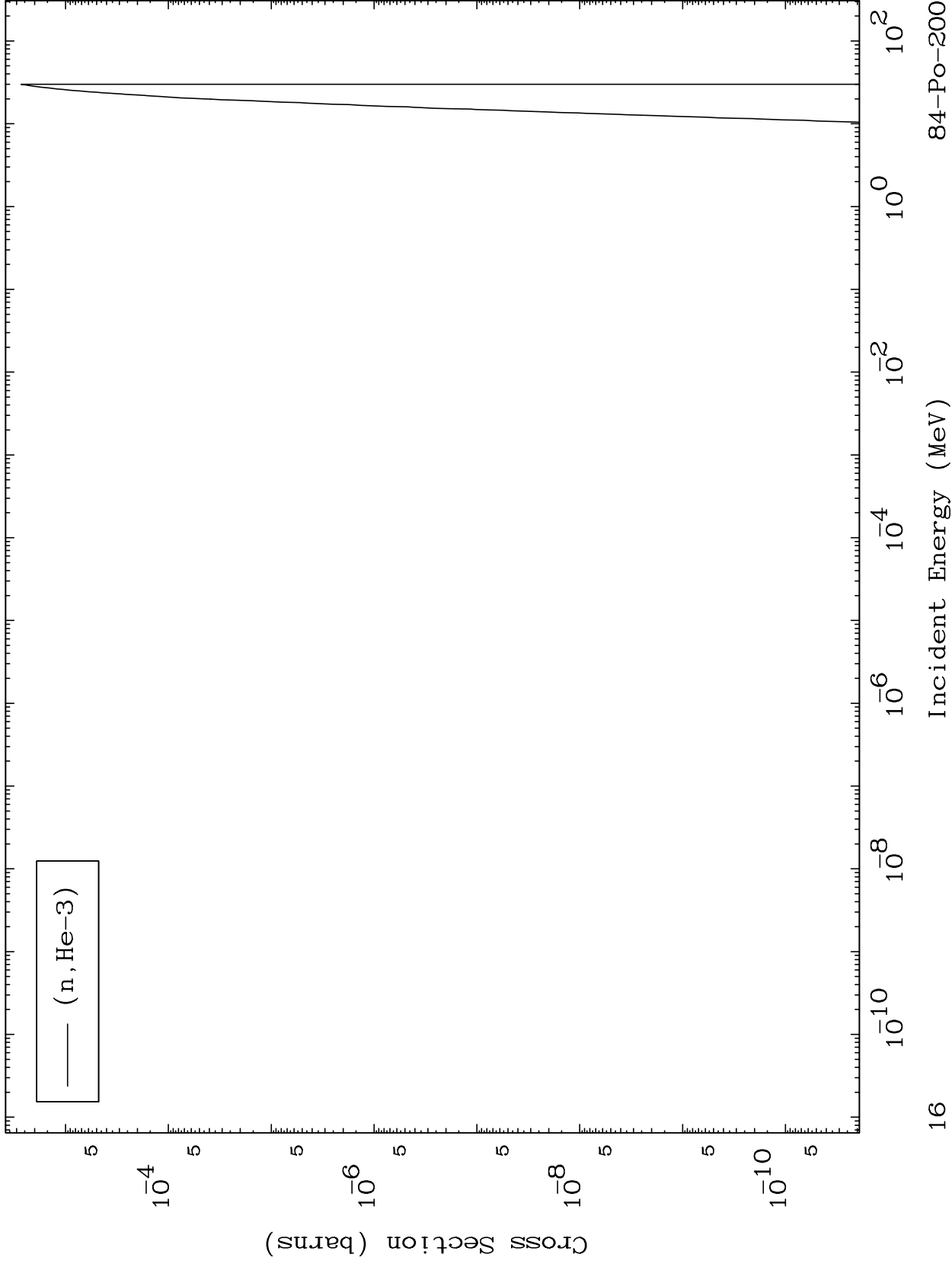
Incident Energy (MeV)

84-Po-200

MAT 8407

(n,He3) Levels
293 Kelvin Cross Sections

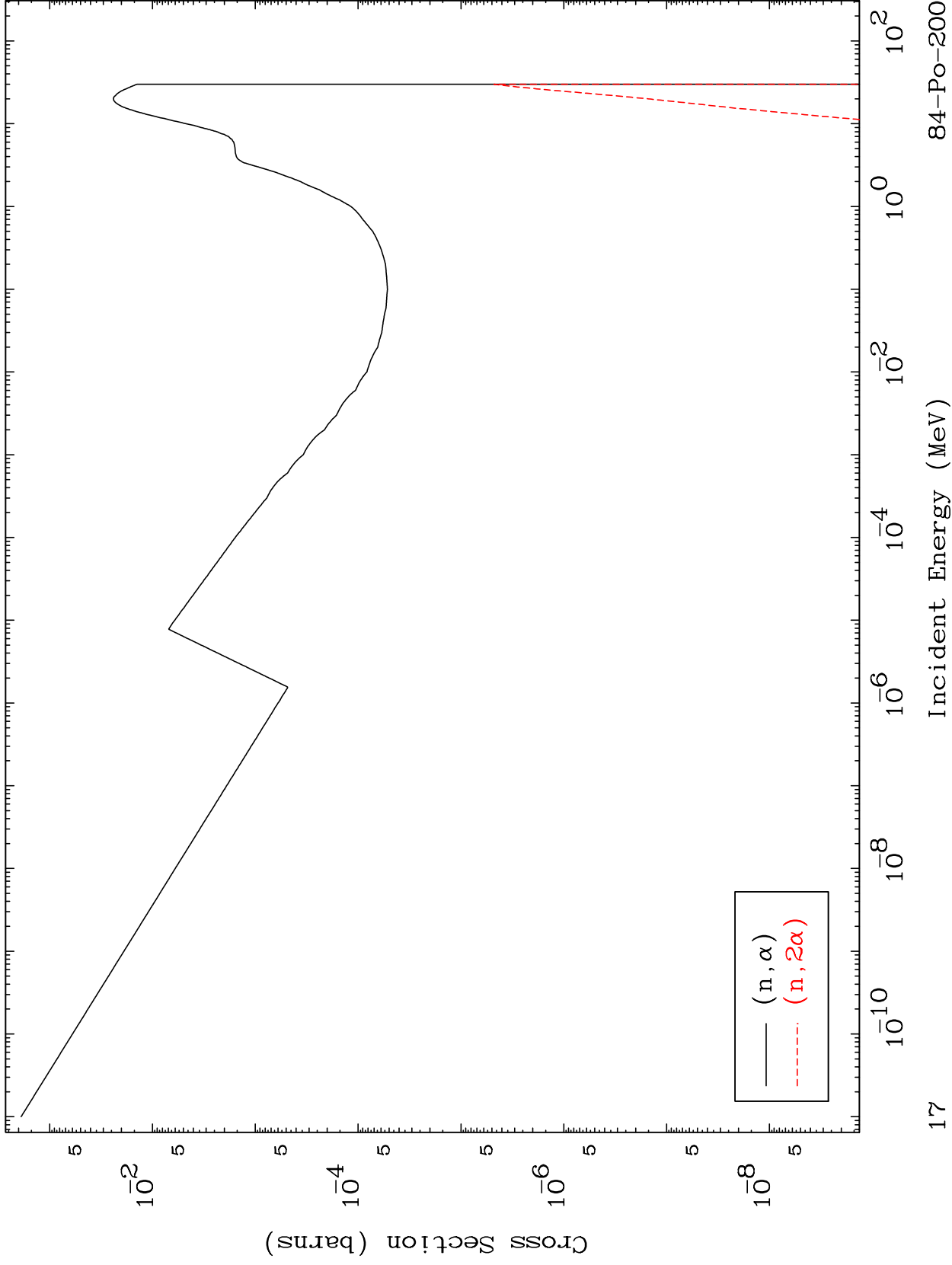
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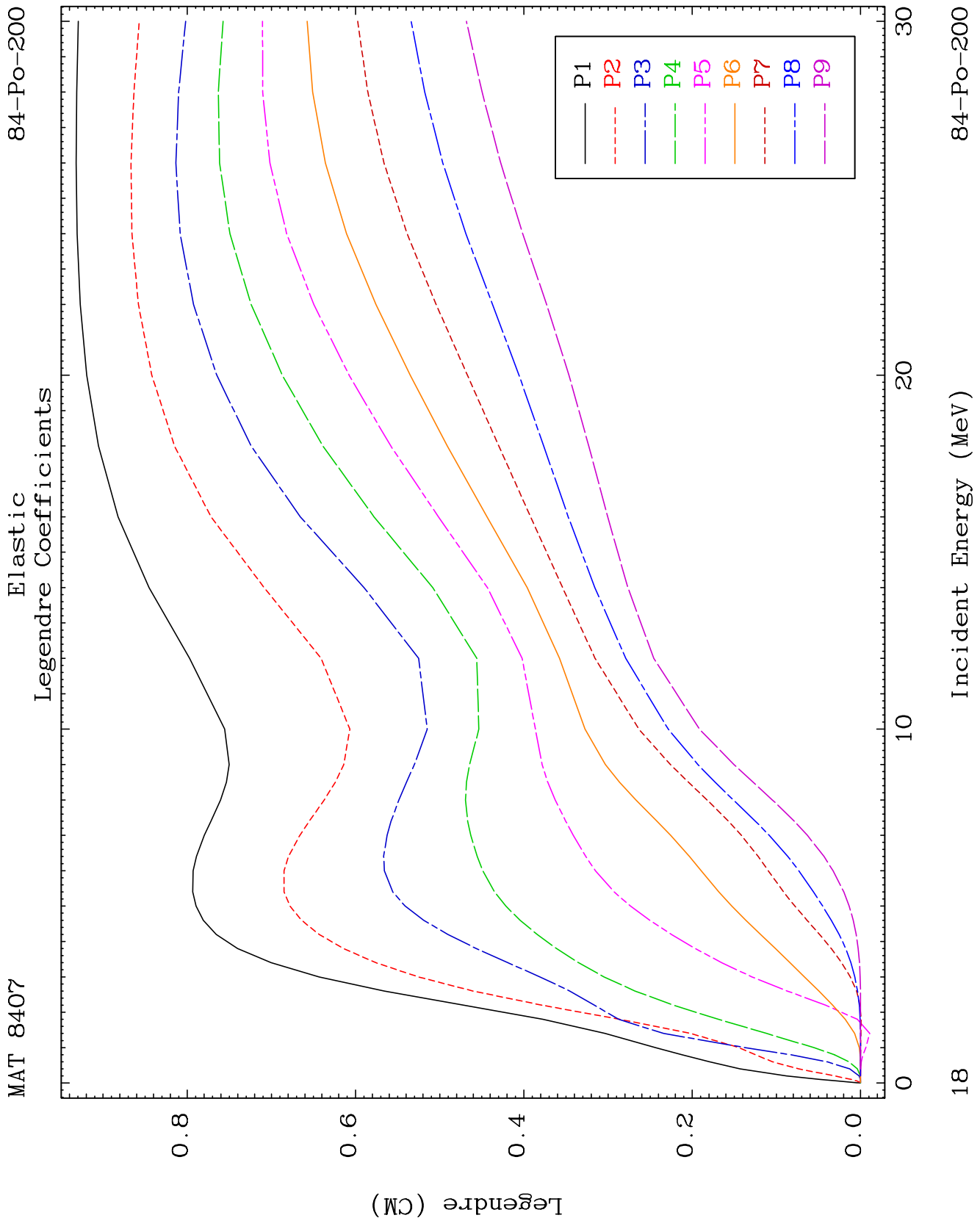


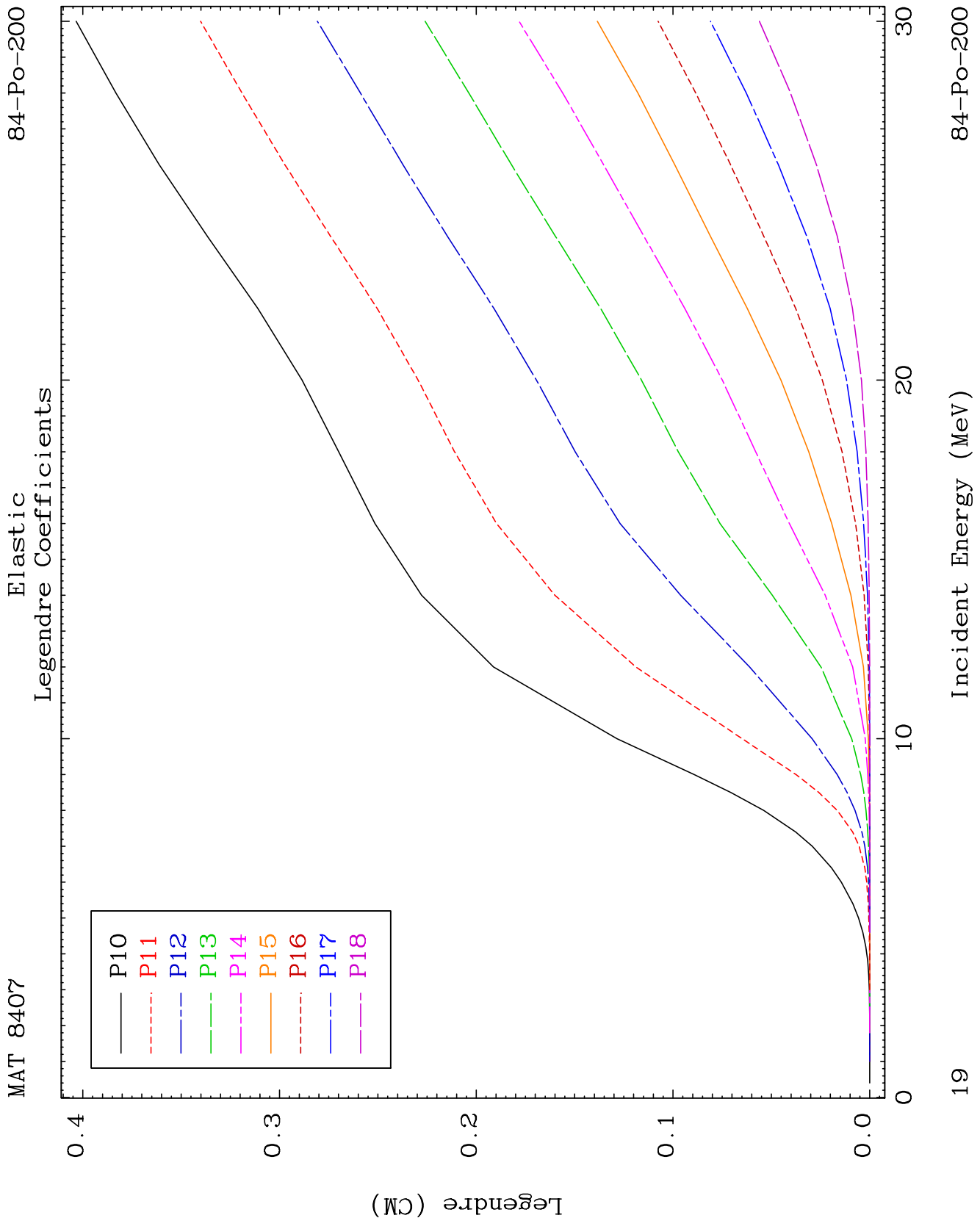
MAT 8407

(n,α) Levels
293 Kelvin Cross Sections

84-Po-200



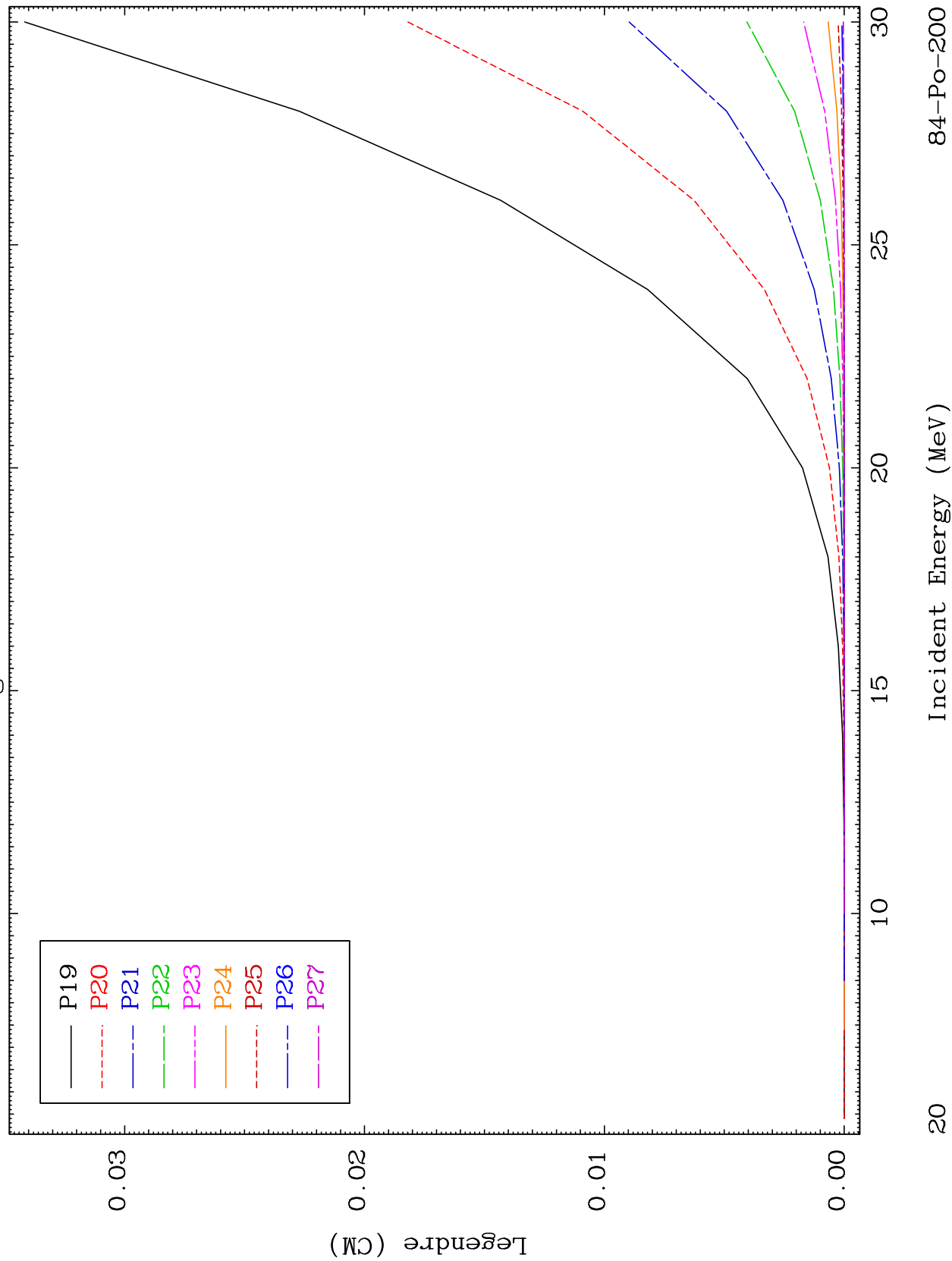




MAT 8407

Elastic Legendre Coefficients

84-Po-200



20

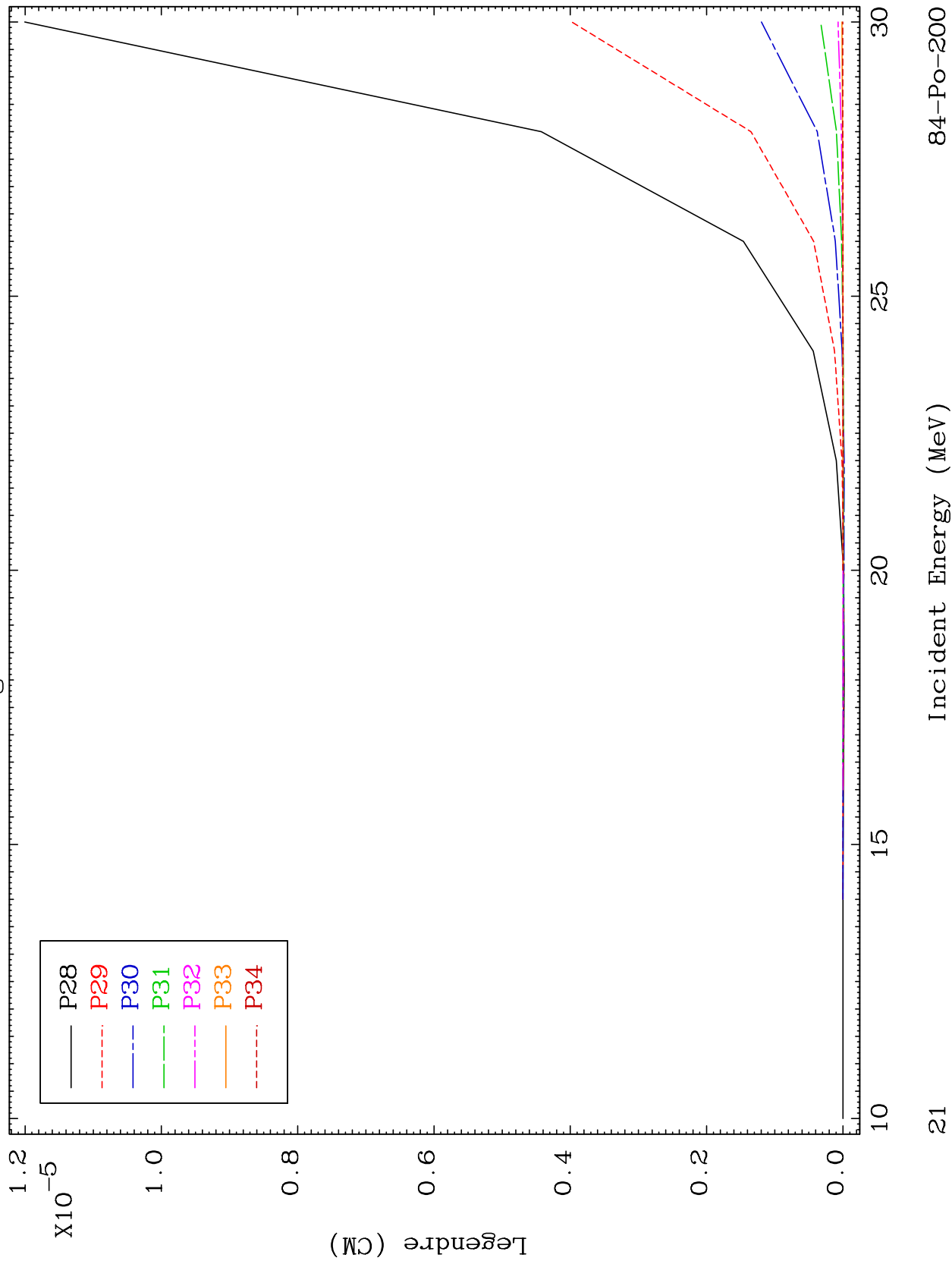
Incident Energy (MeV)

84-Po-200

MAT 8407

Elastic Legendre Coefficients

84-Po-200



21

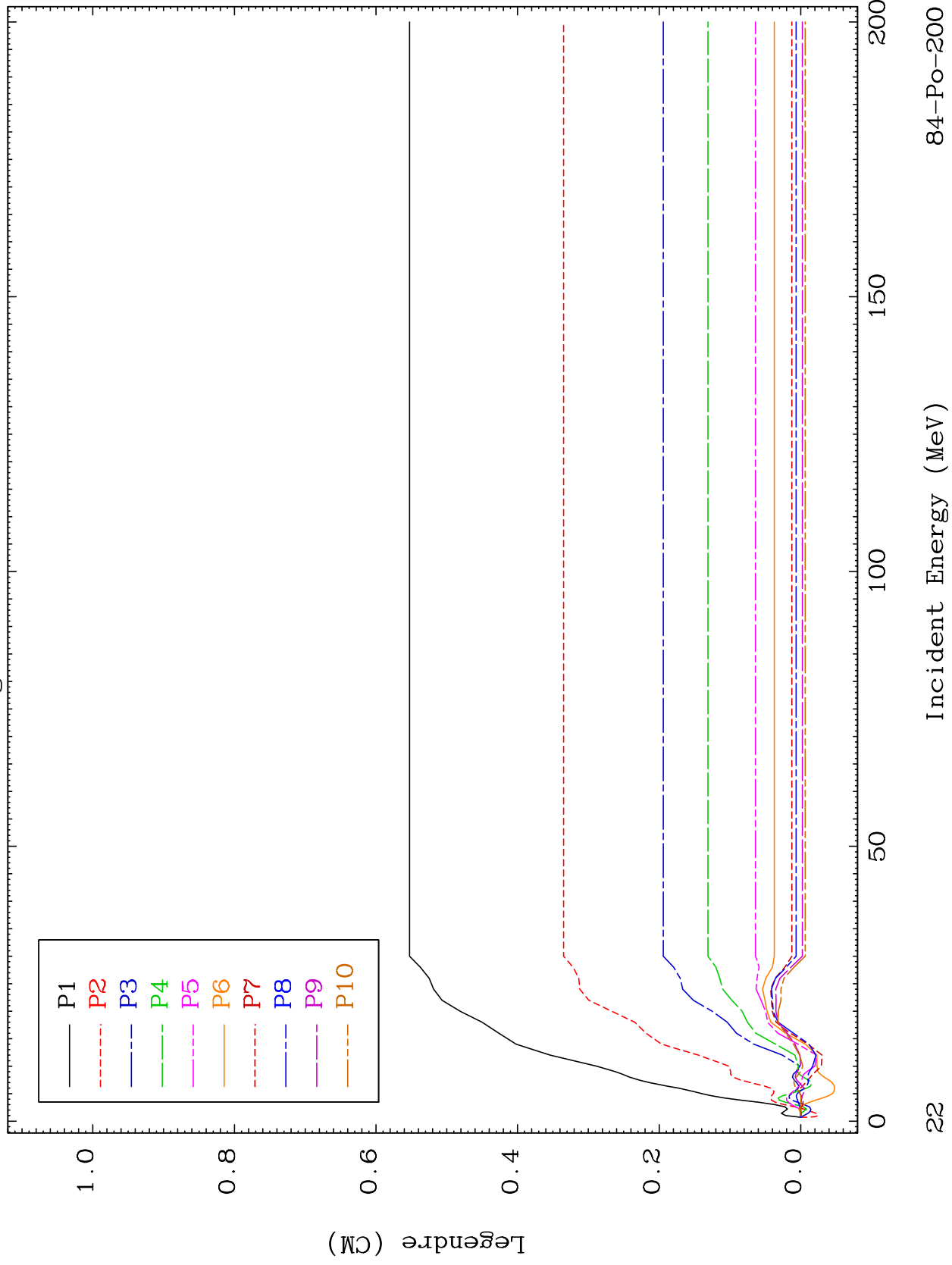
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



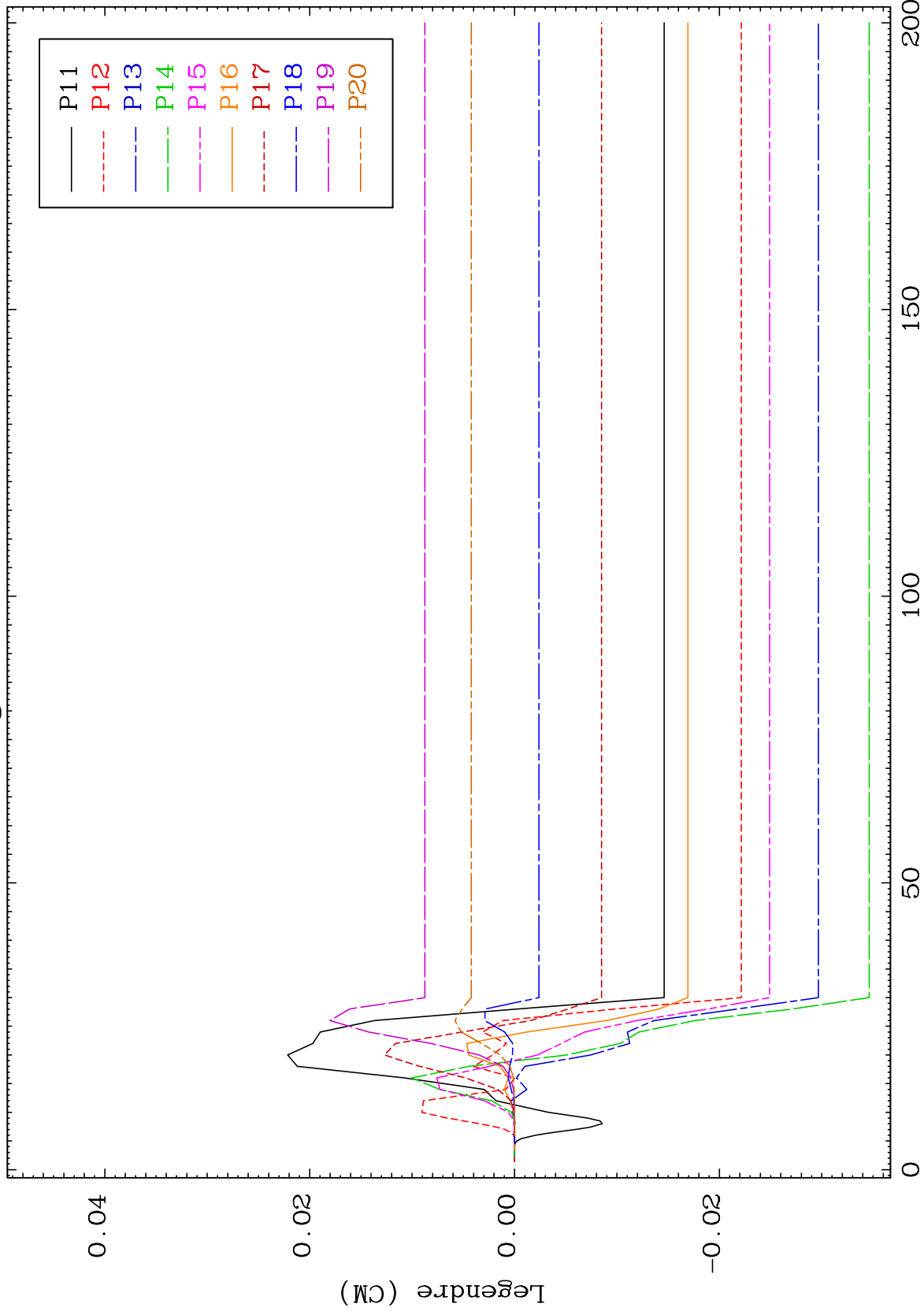
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84-Po-200

MAT 8407

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

84-Po-200



23

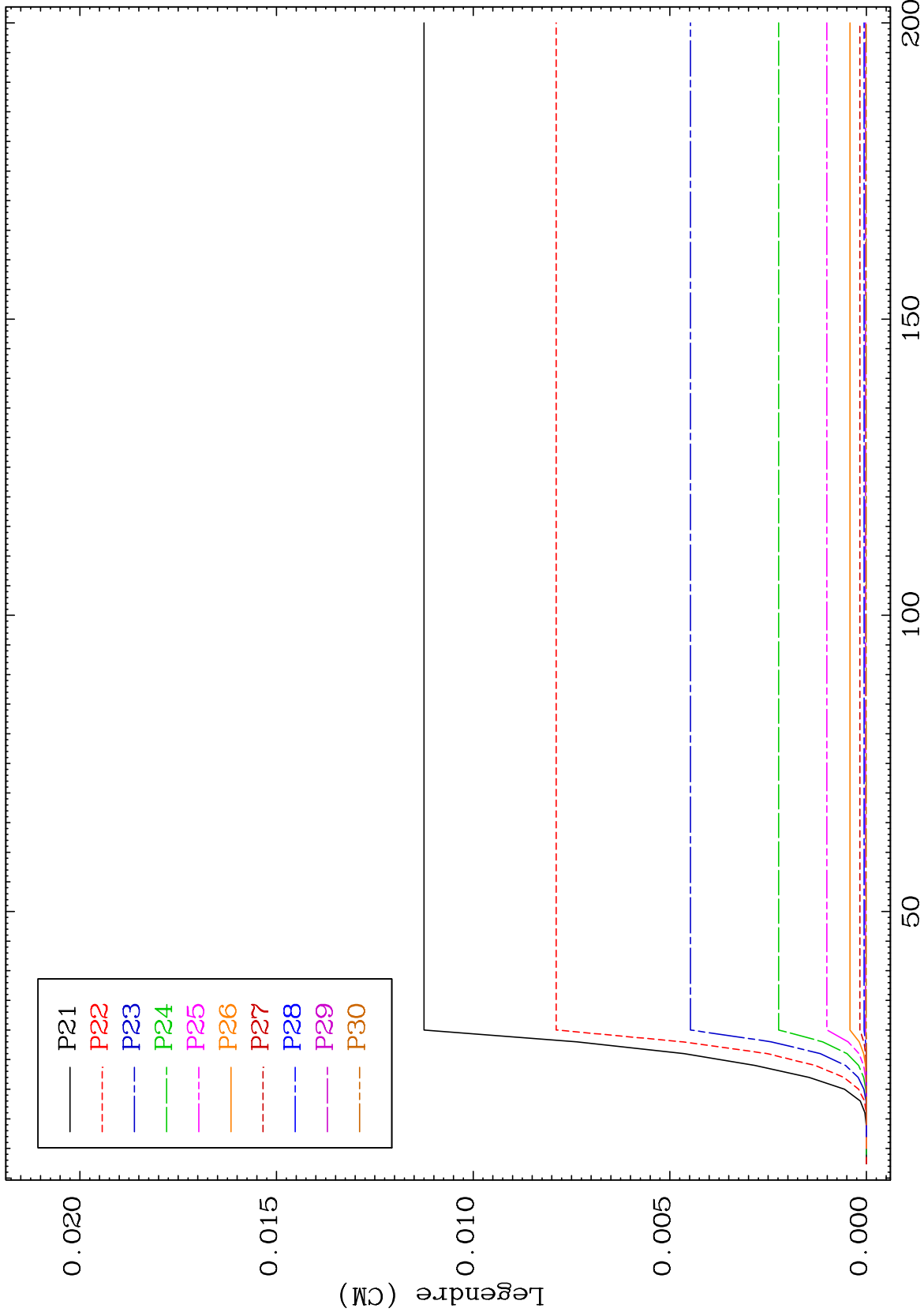
Incident Energy (MeV)

84-Po-200

MAT 8407

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

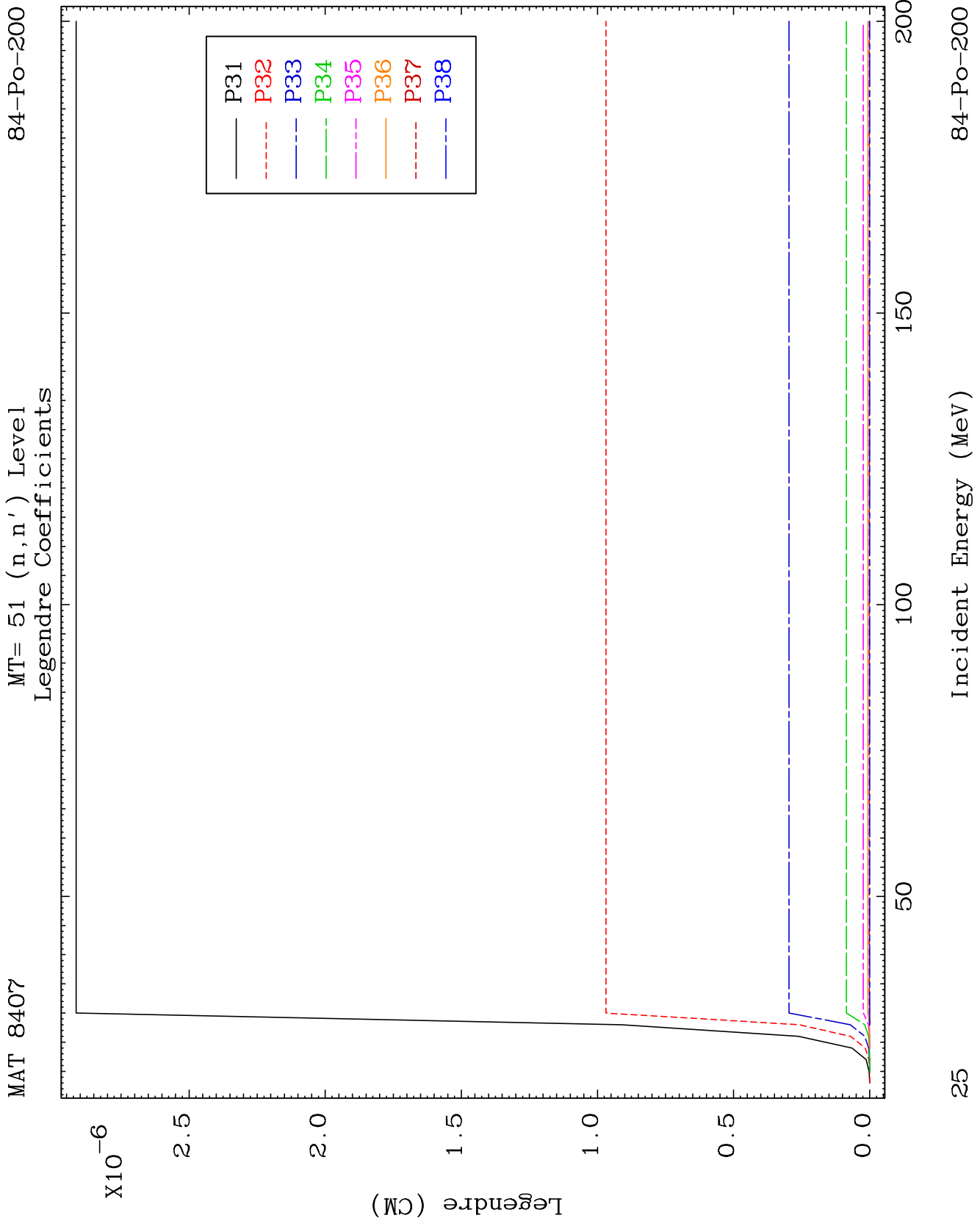
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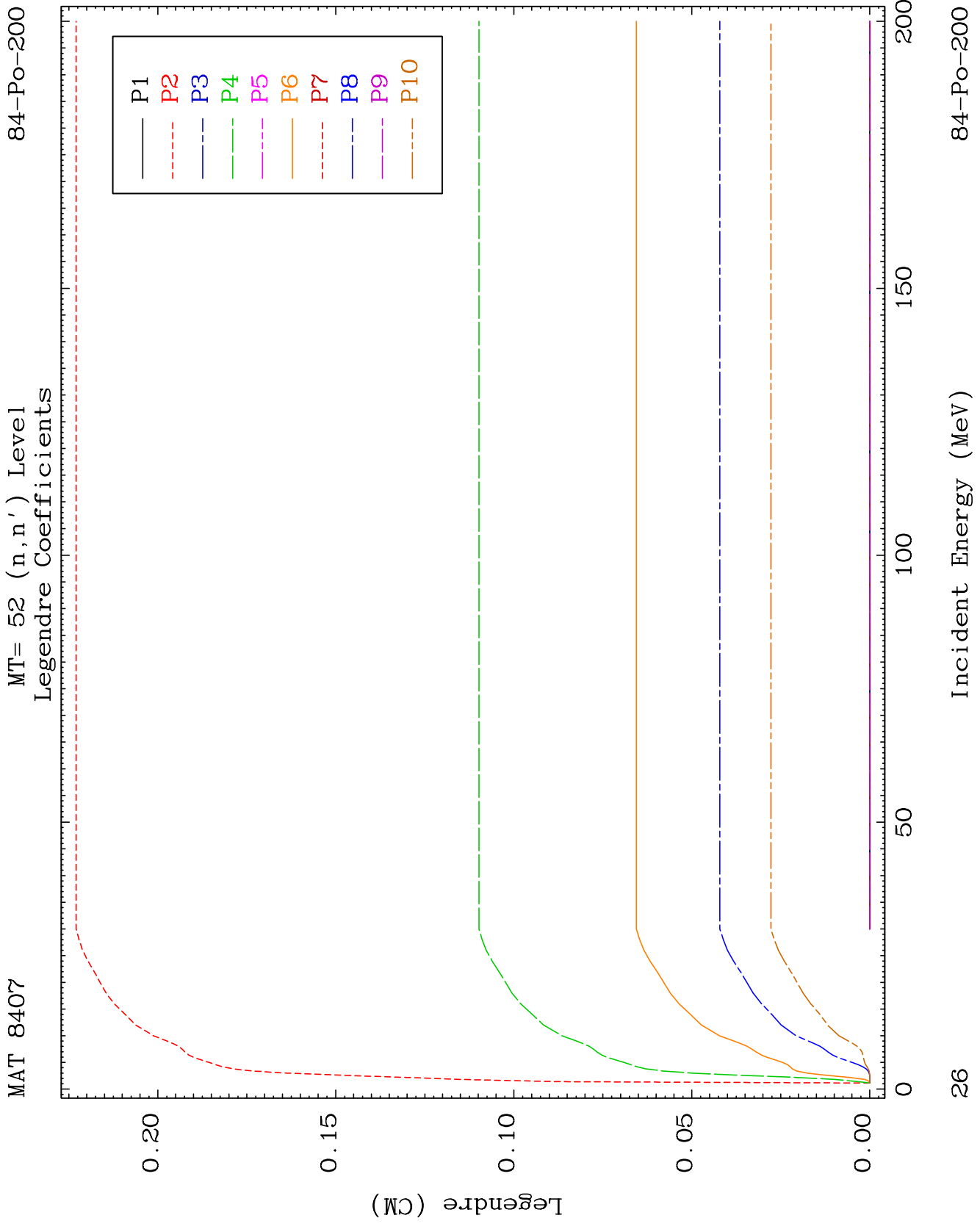


24

Incident Energy (MeV)

84-Po-200

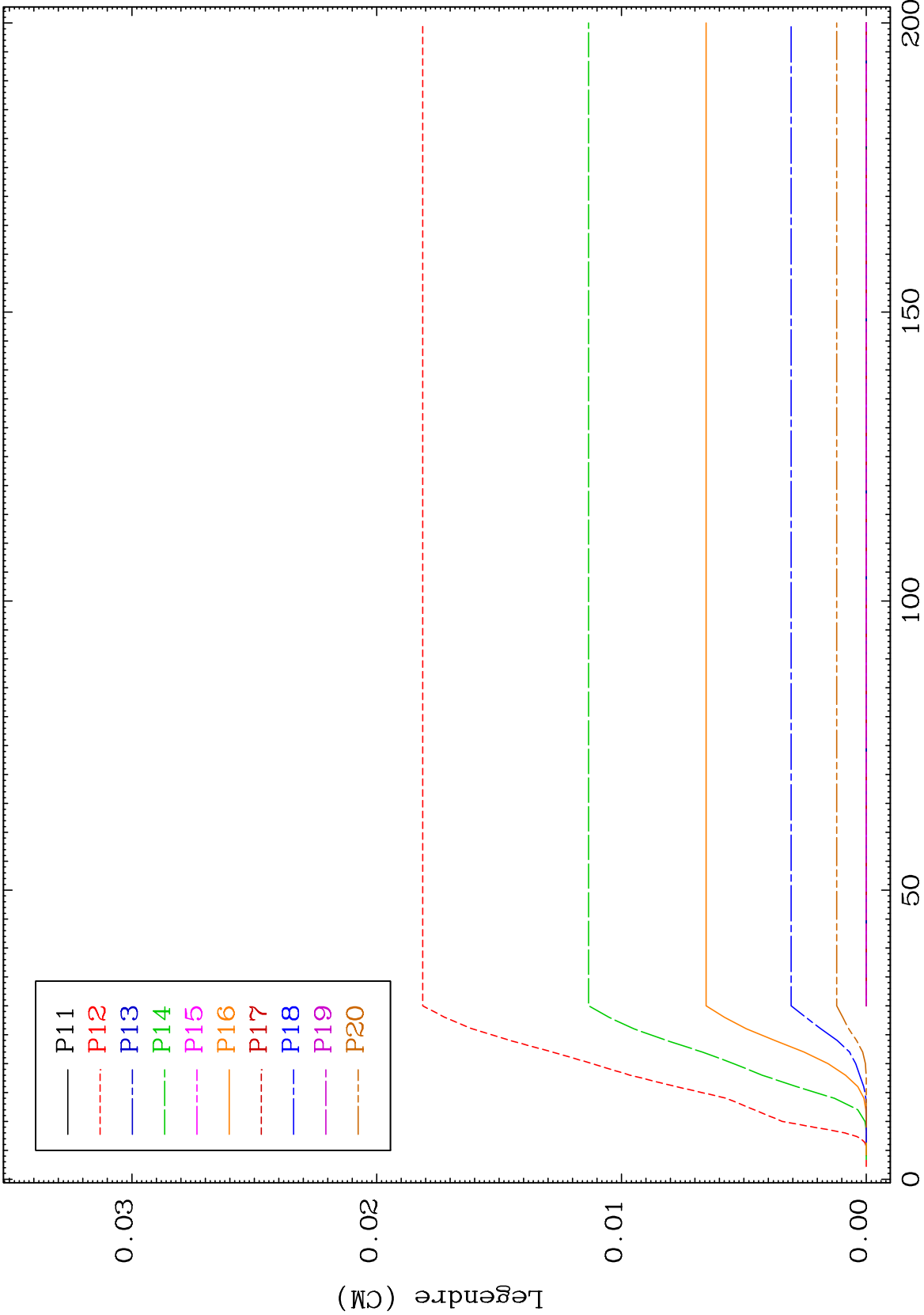




MAT 8407

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

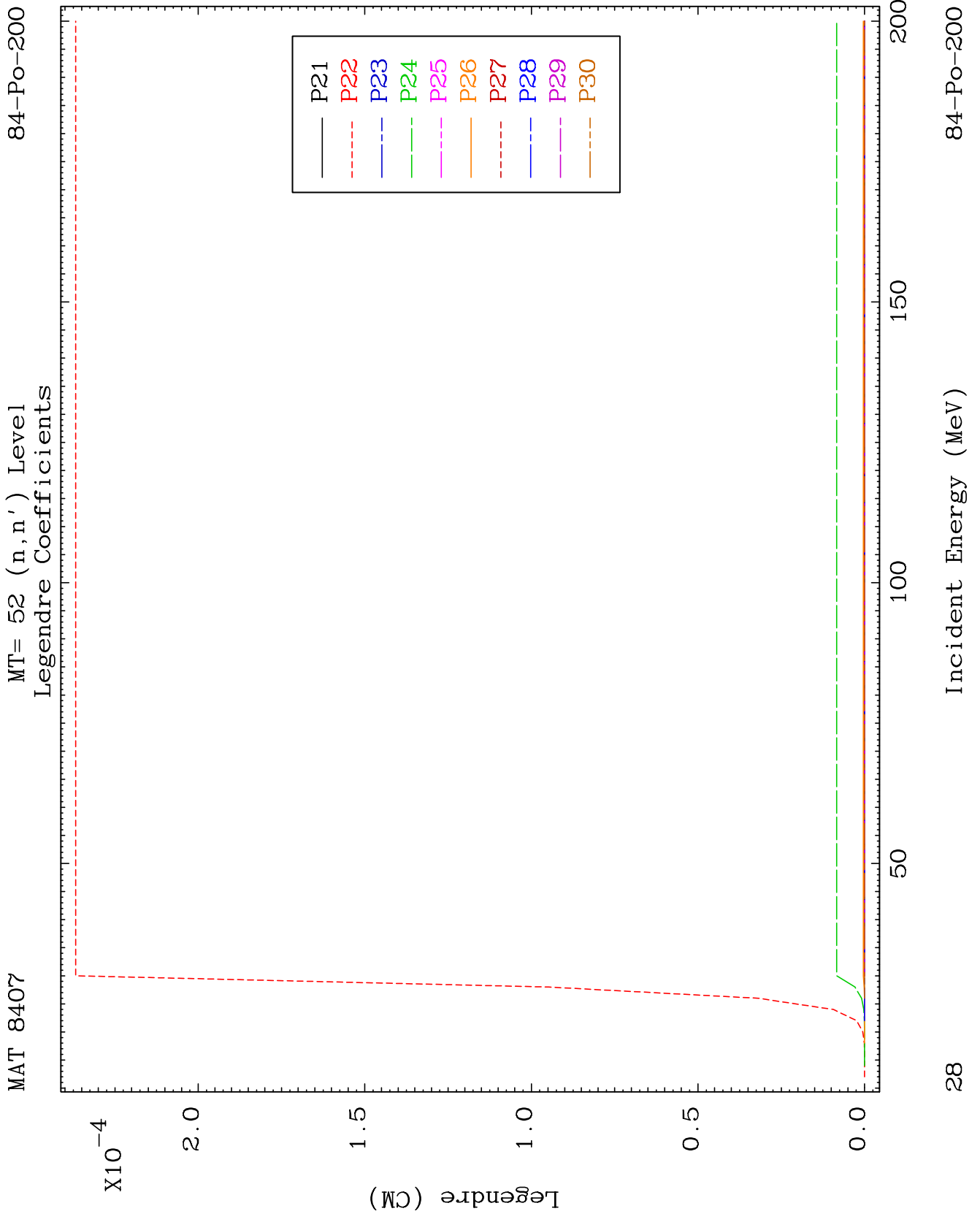
84-Po-200



27

Incident Energy (MeV)

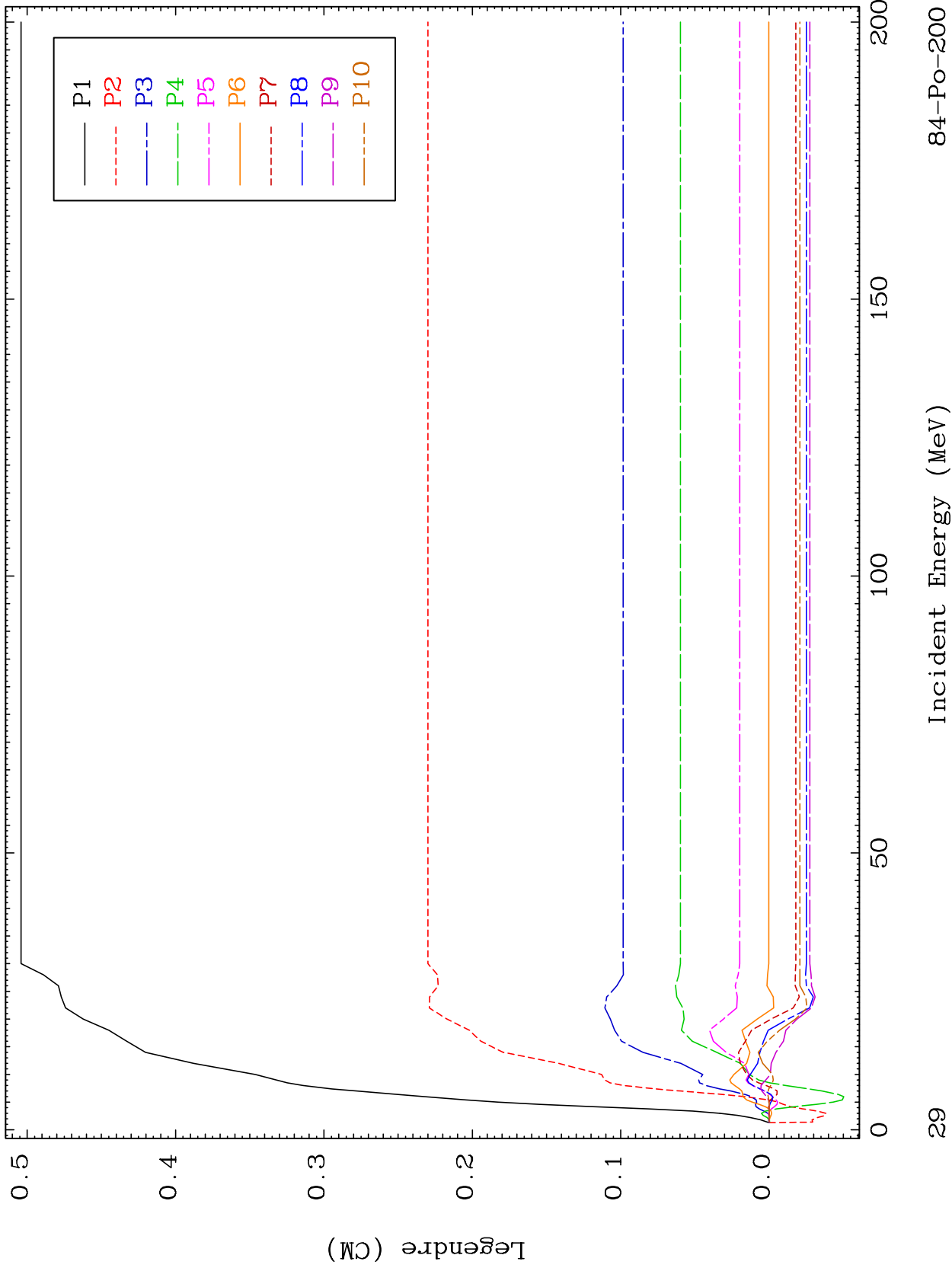
84-Po-200



MAT 8407

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

84-Po-200



29

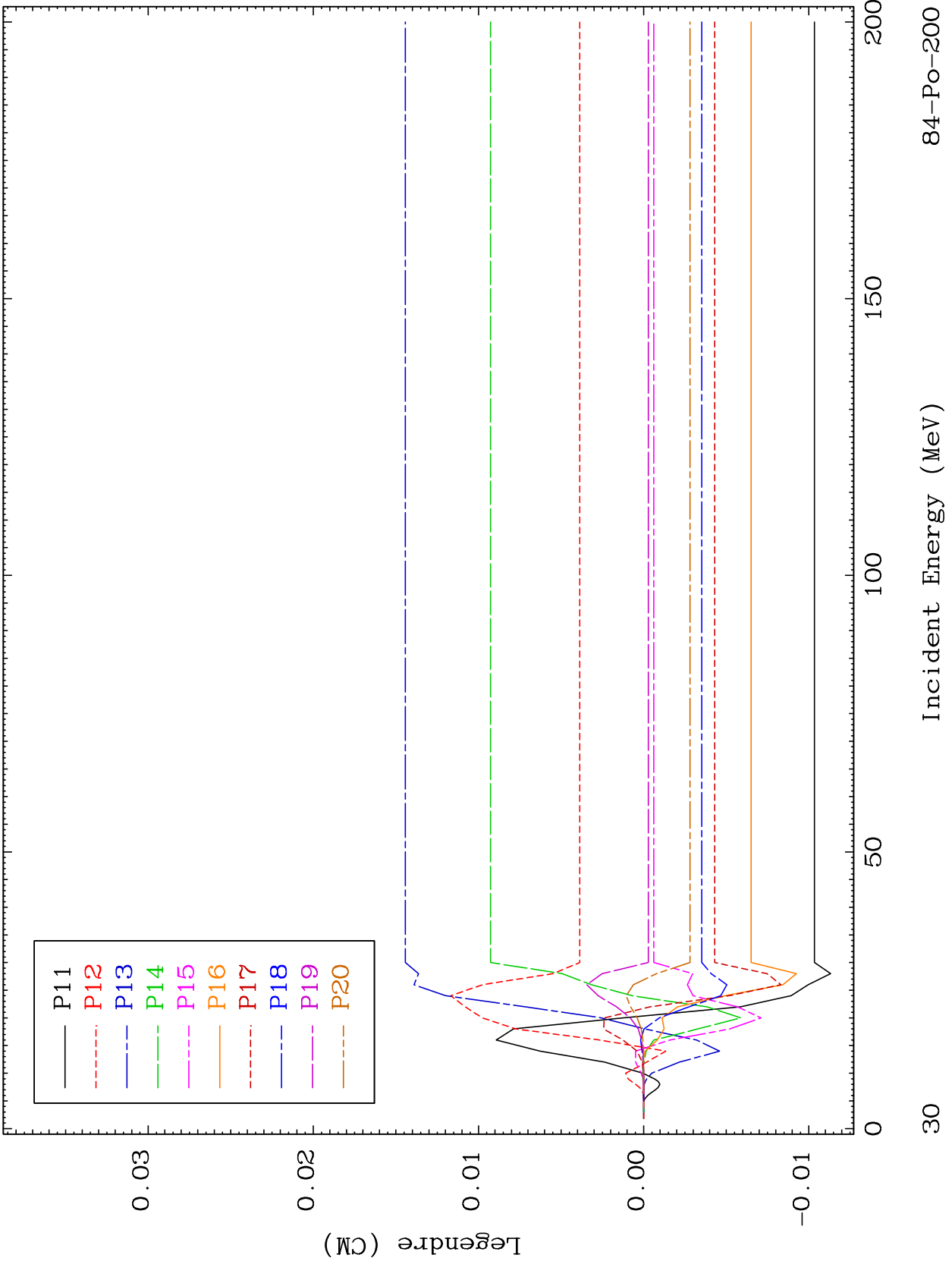
Incident Energy (MeV)

84-Po-200

MAT 8407

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

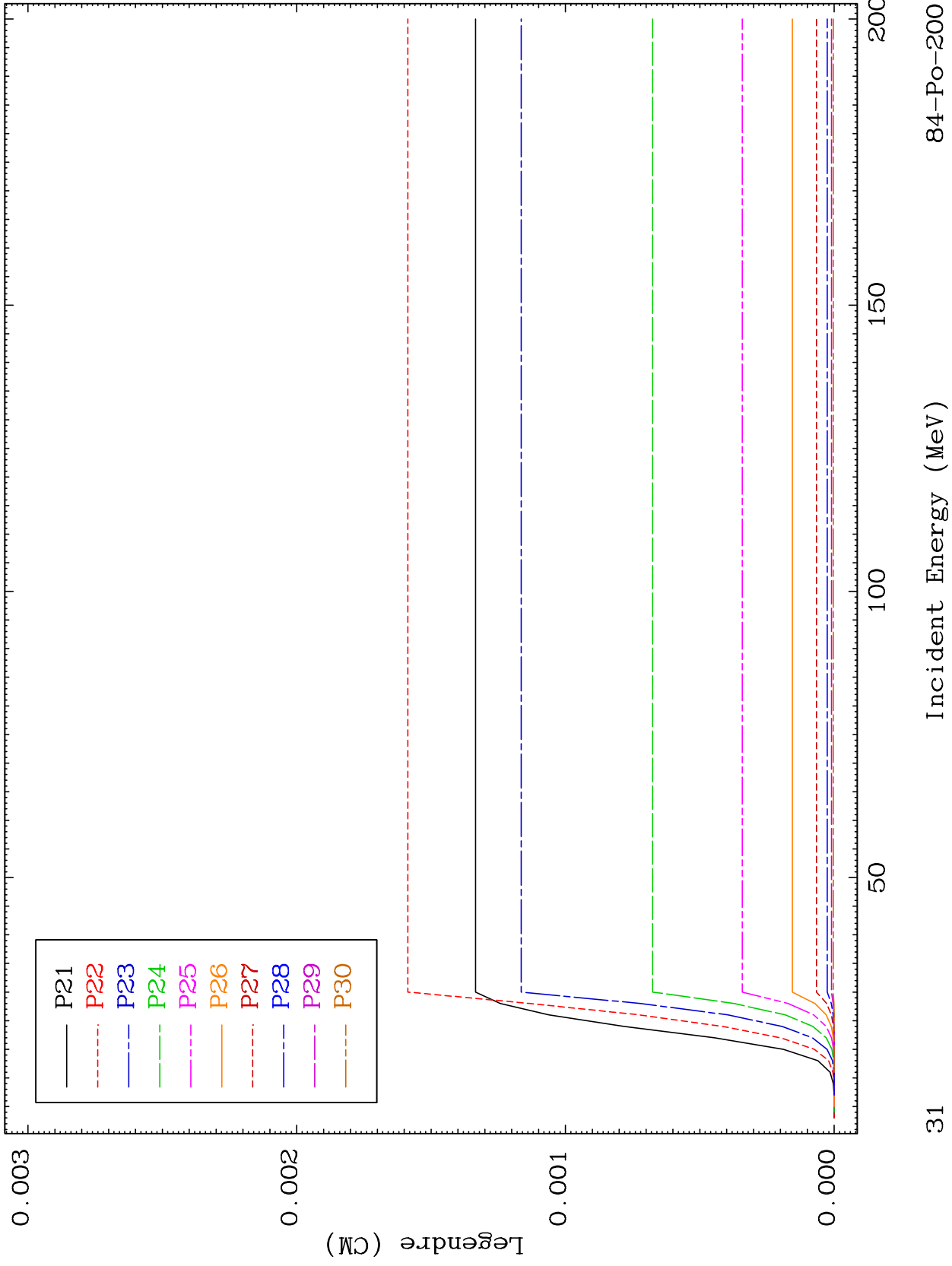
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MAT 8407

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

84-Po-200



31

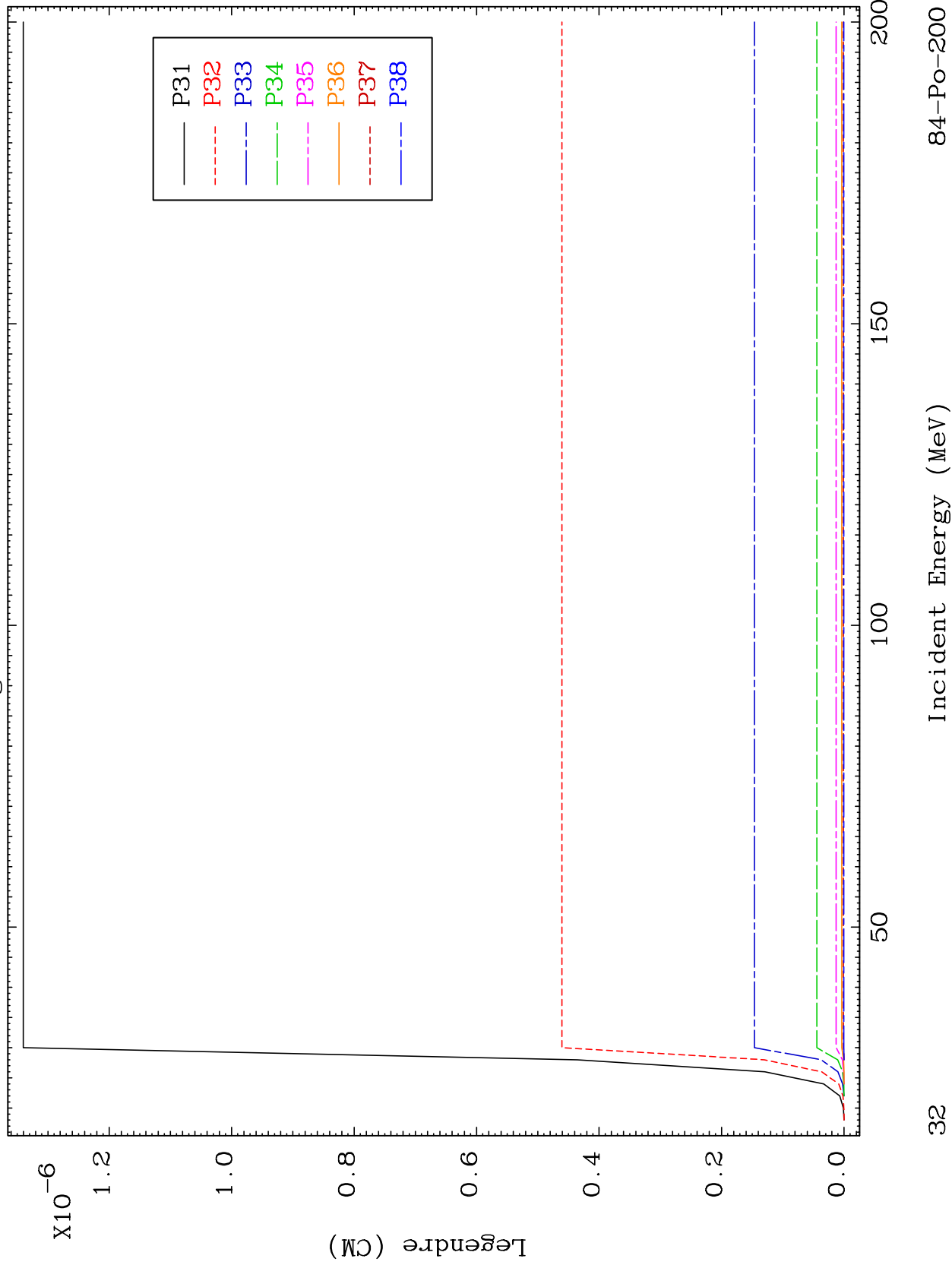
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200

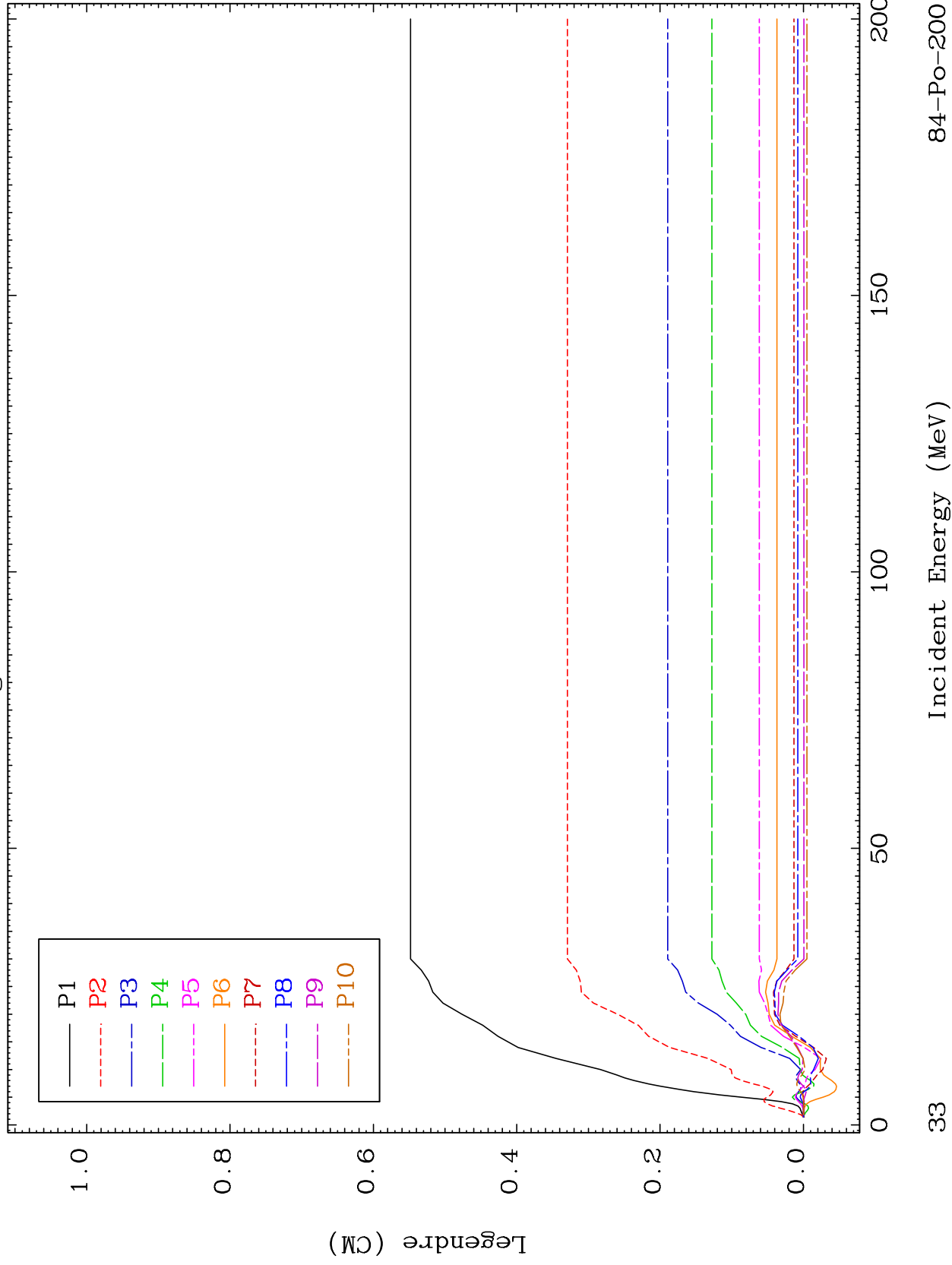


32

MAT 8407

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

84-Po-200

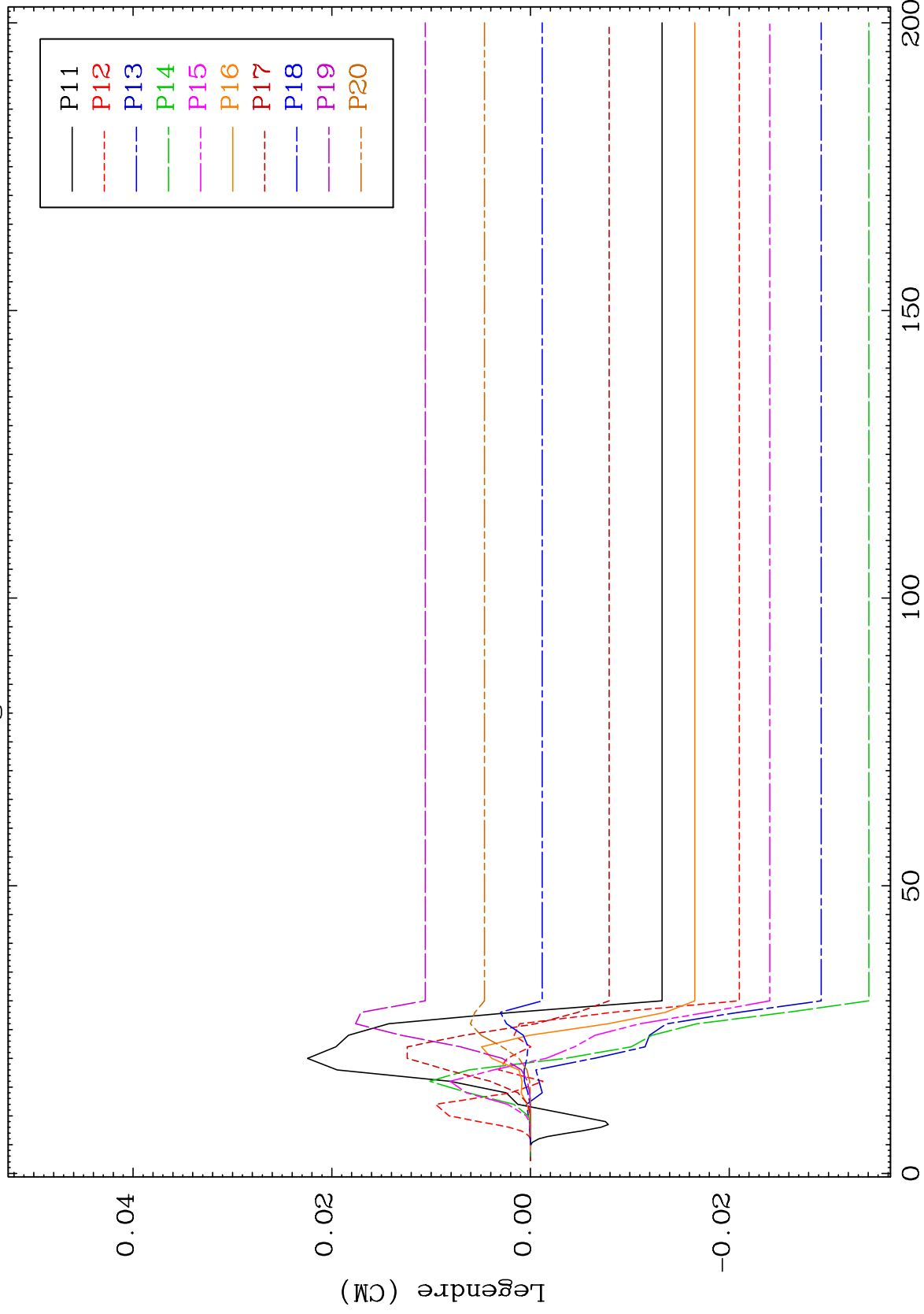


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MAT 8407

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

84-Po-200



34

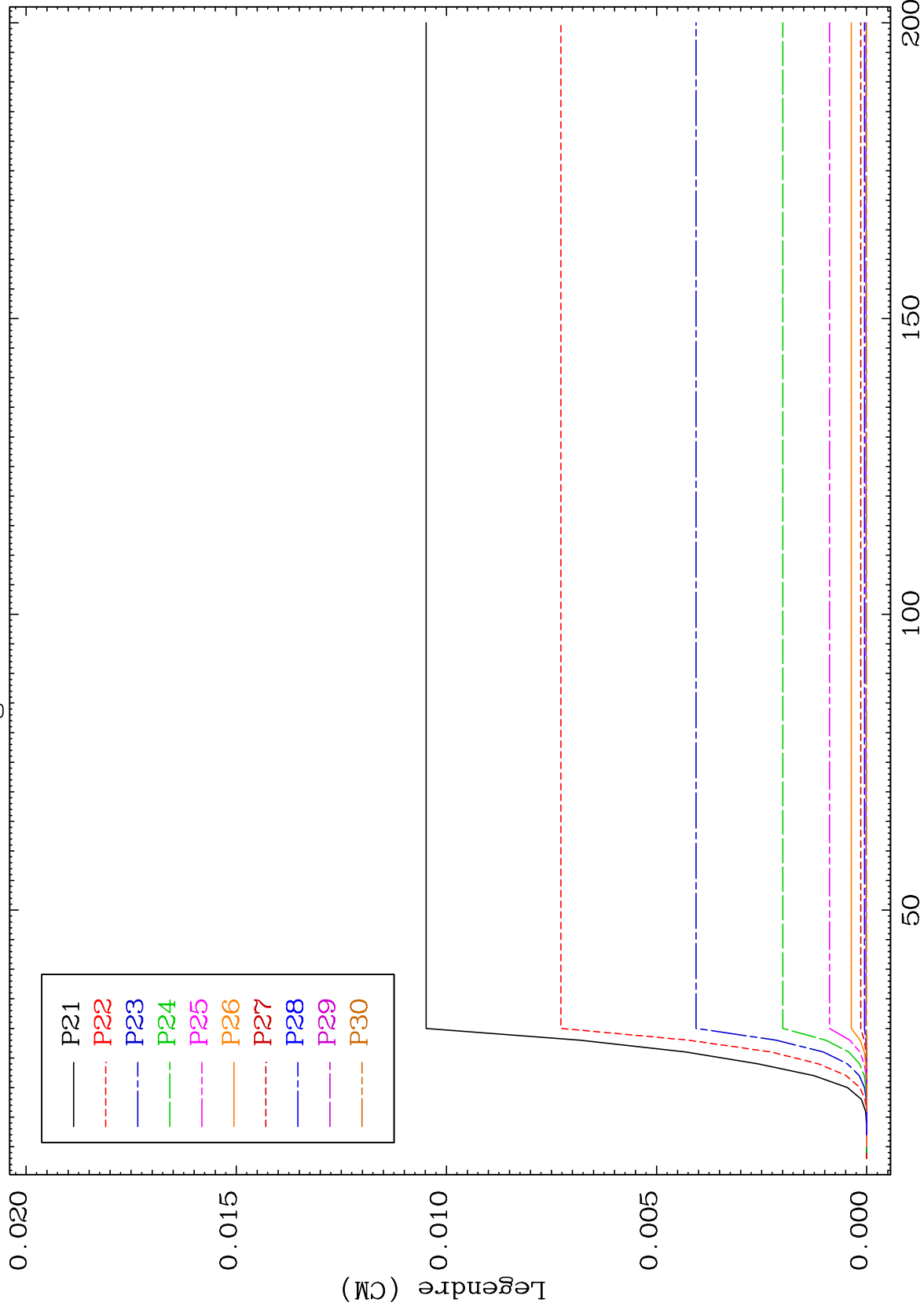
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



35

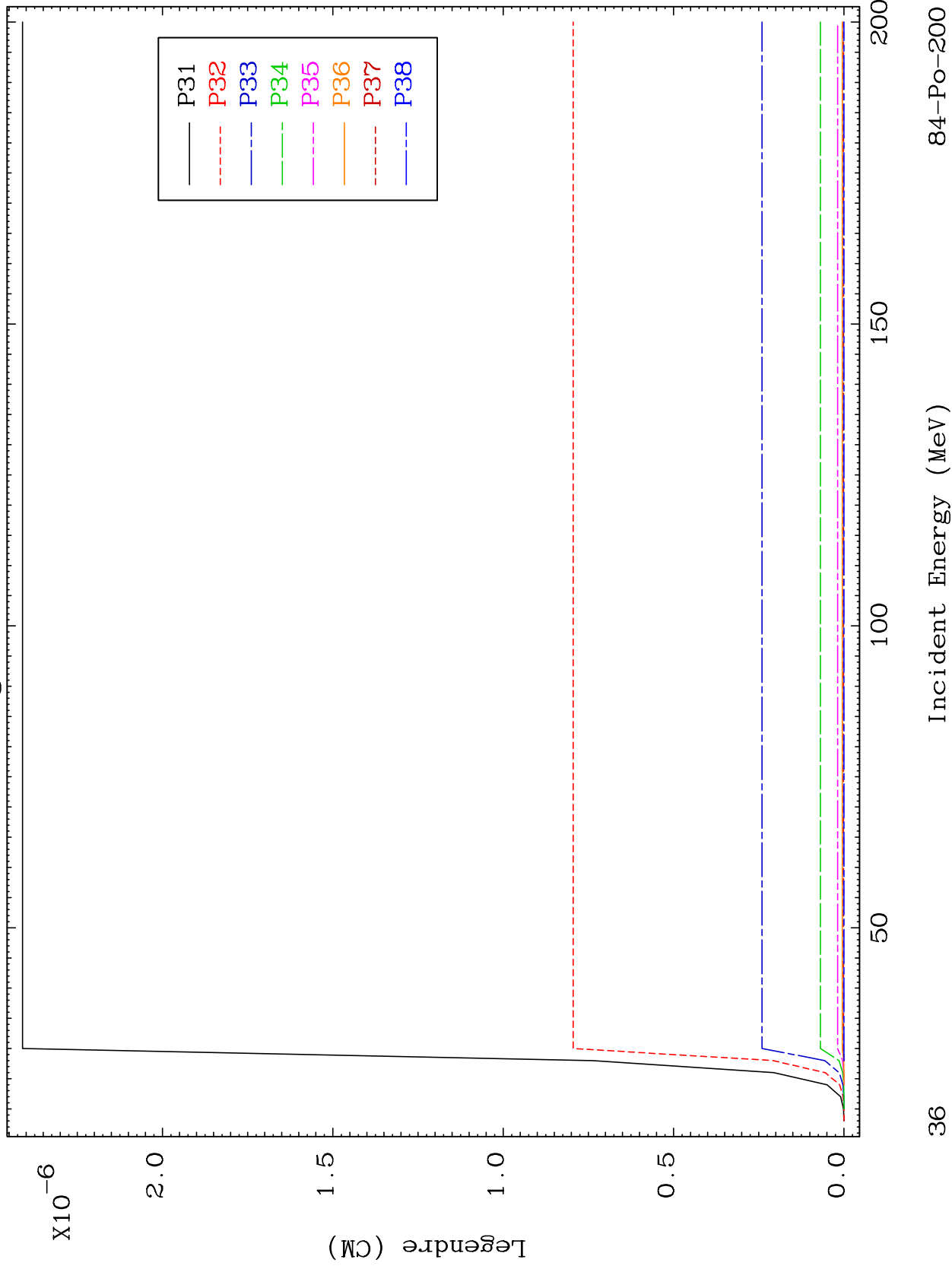
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



36

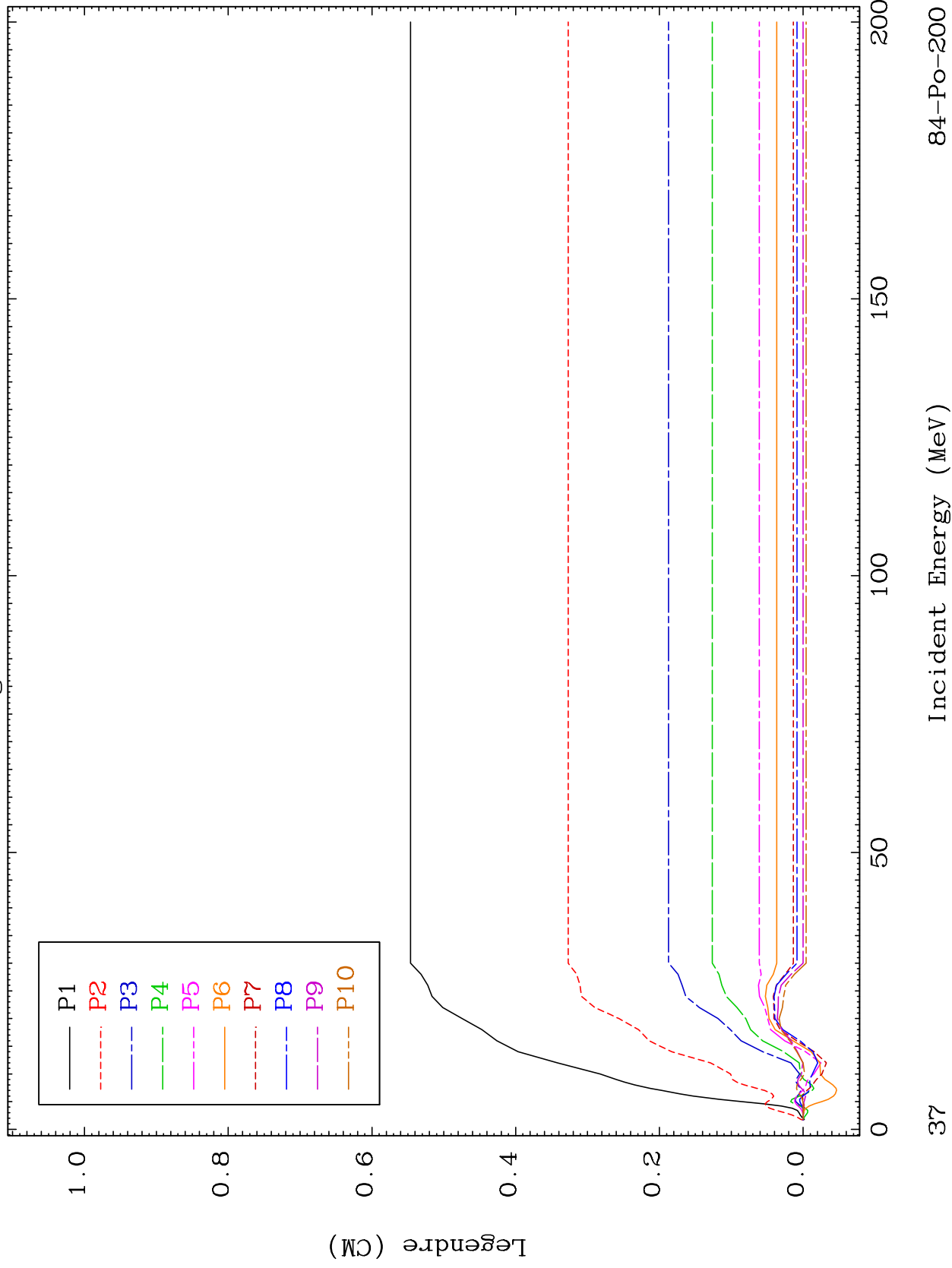
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



37

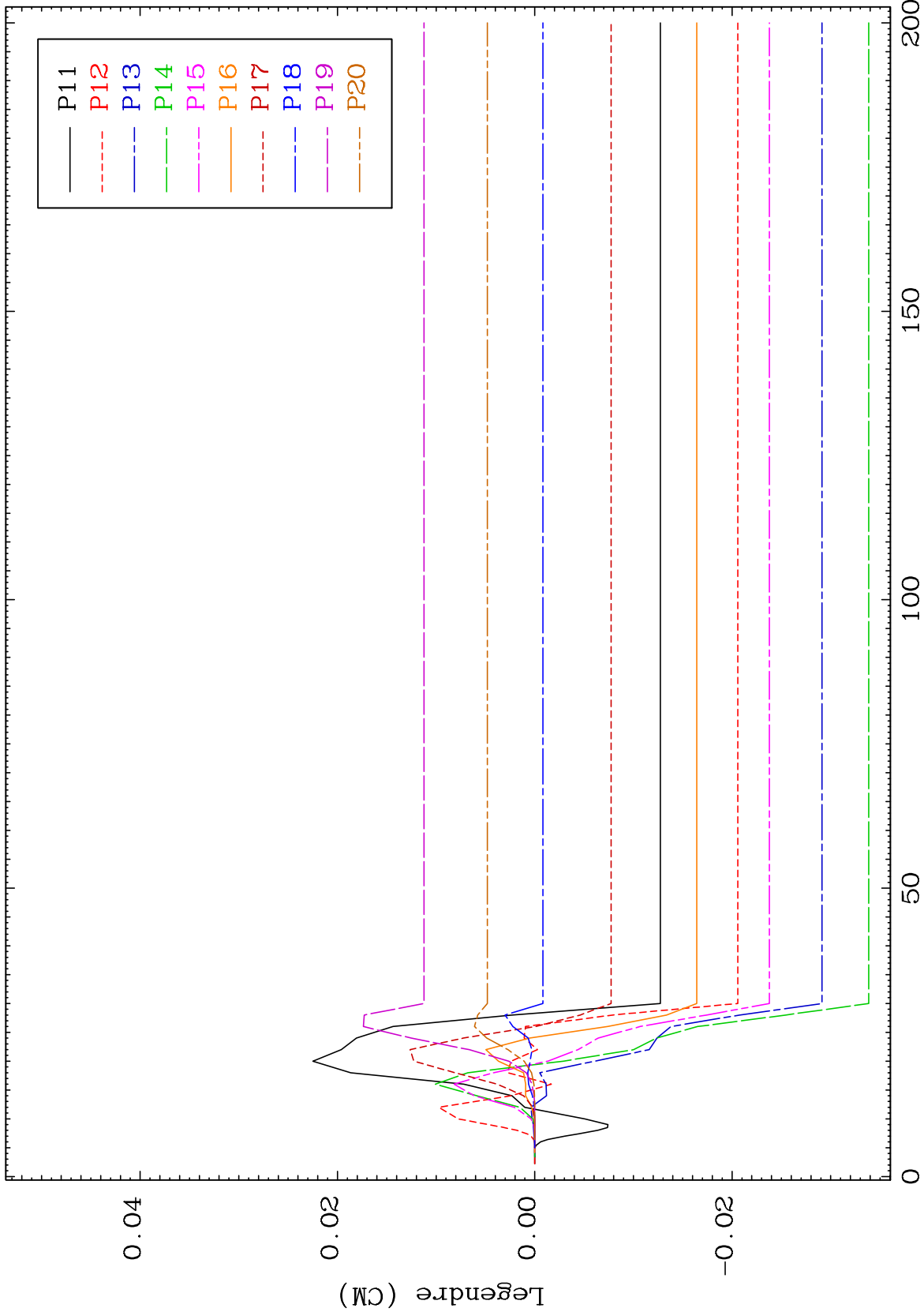
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



38

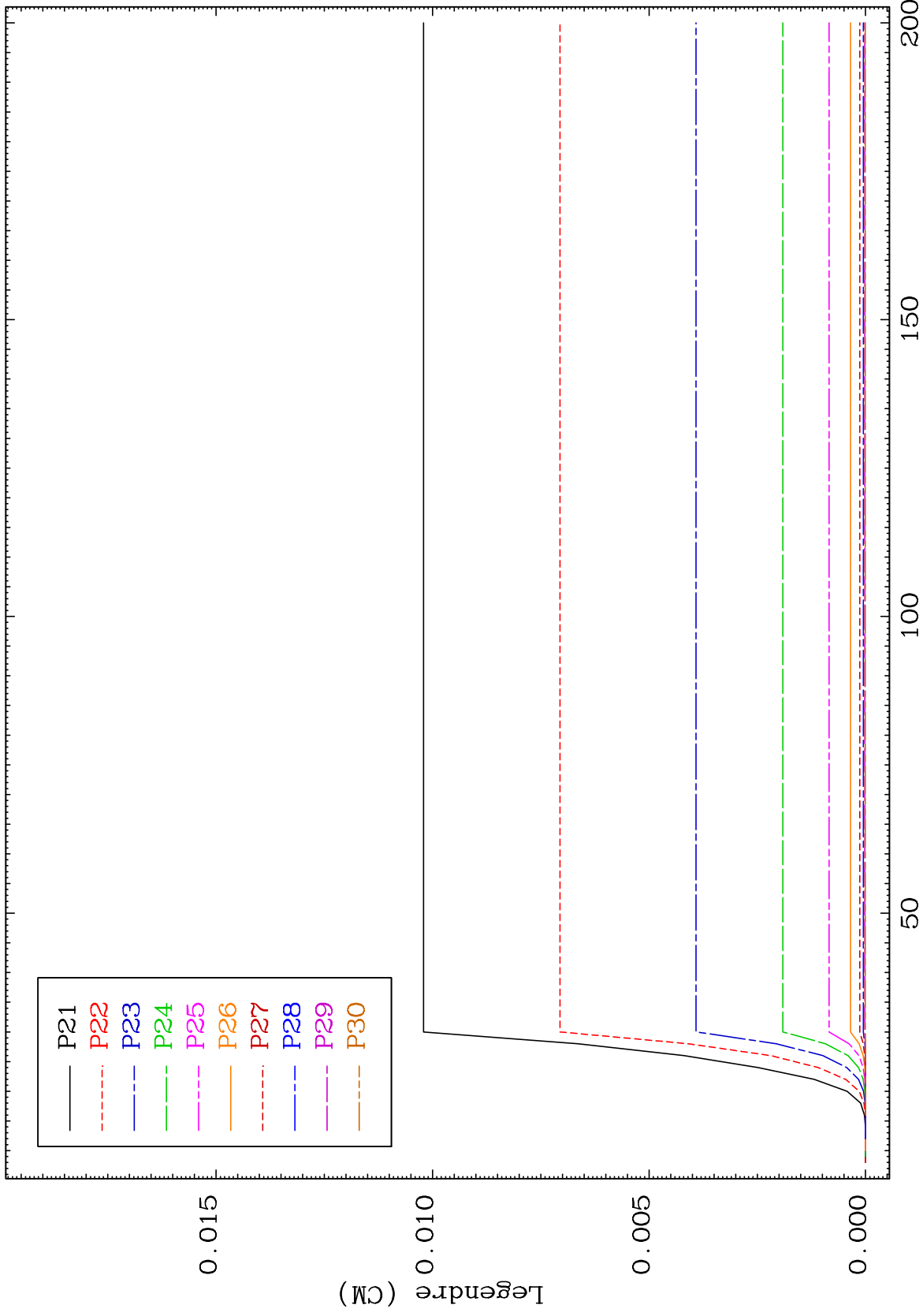
Incident Energy (MeV)

84-Po-200

MAT 8407

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

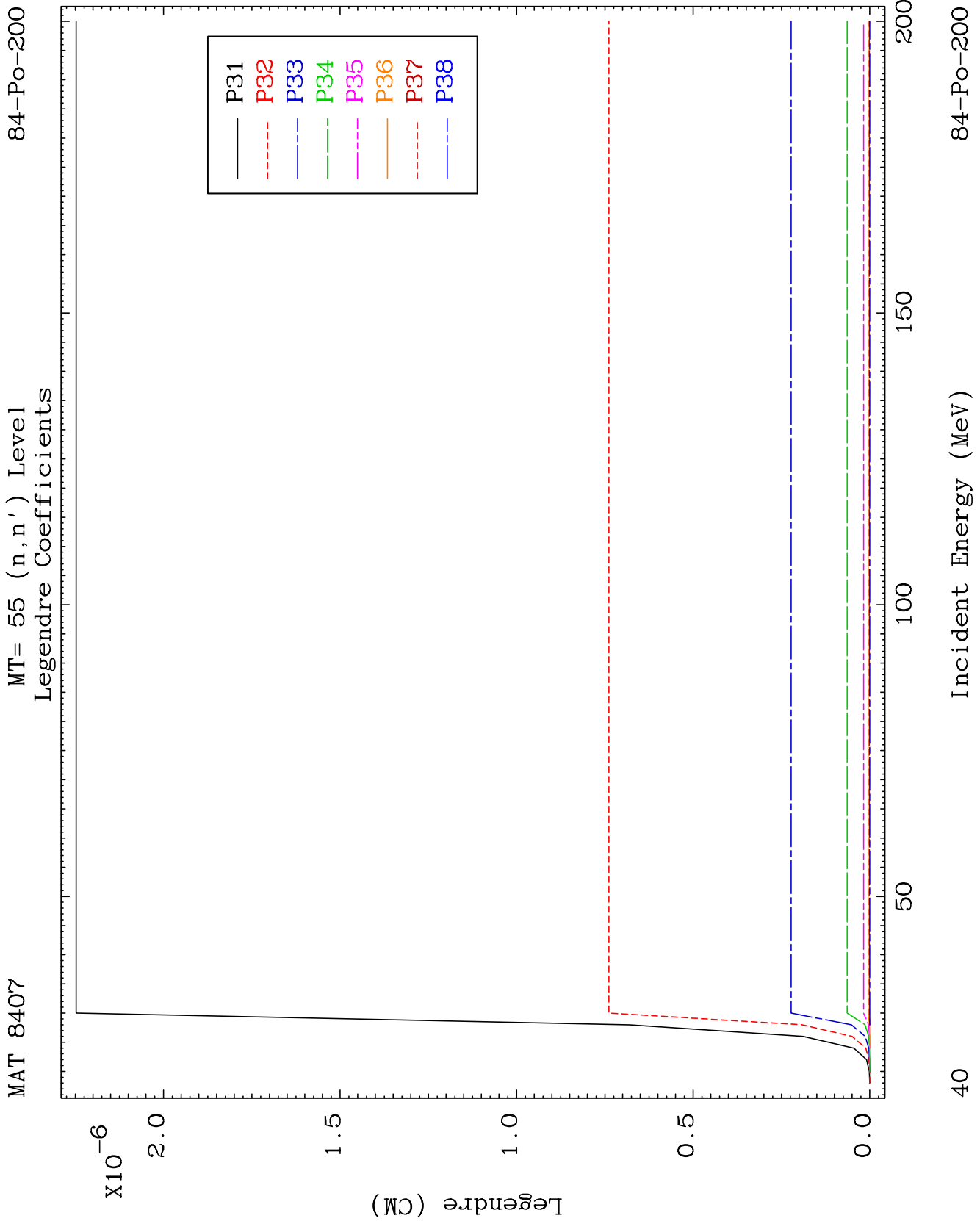
84-Po-200



39

Incident Energy (MeV)

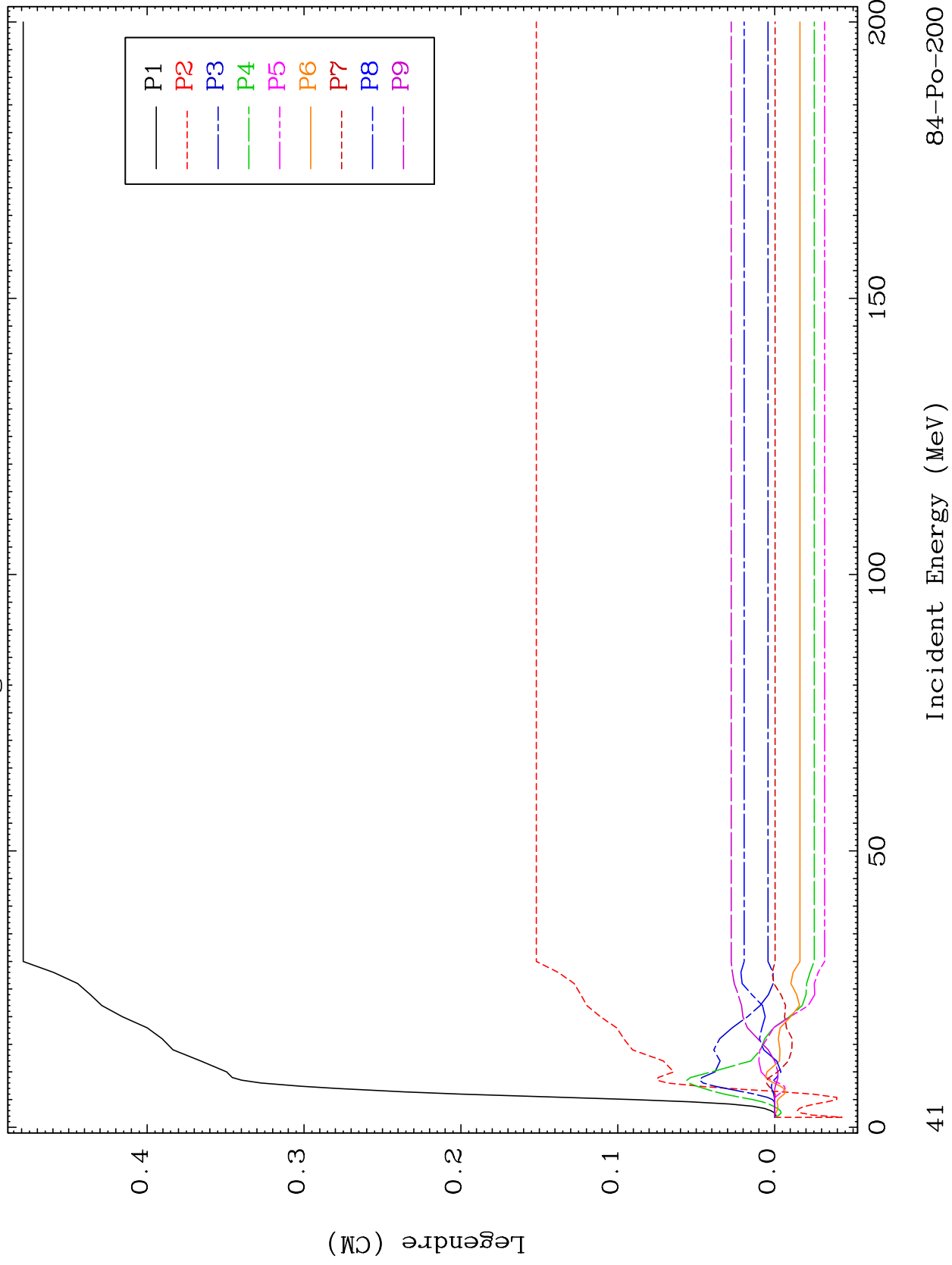
84-Po-200



MAT 8407

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

84-Po-200



41

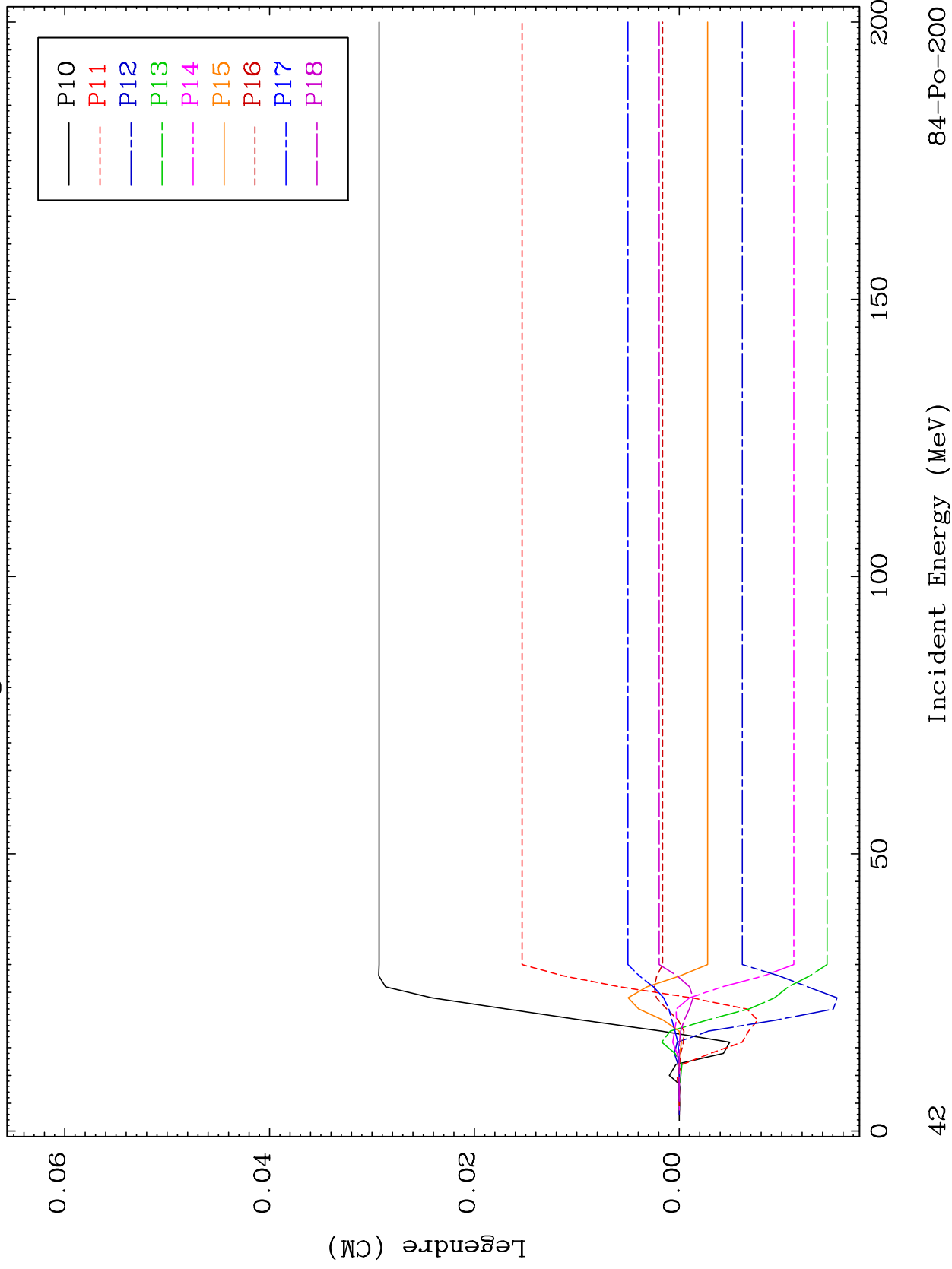
Incident Energy (MeV)

84-Po-200

MAT 8407

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

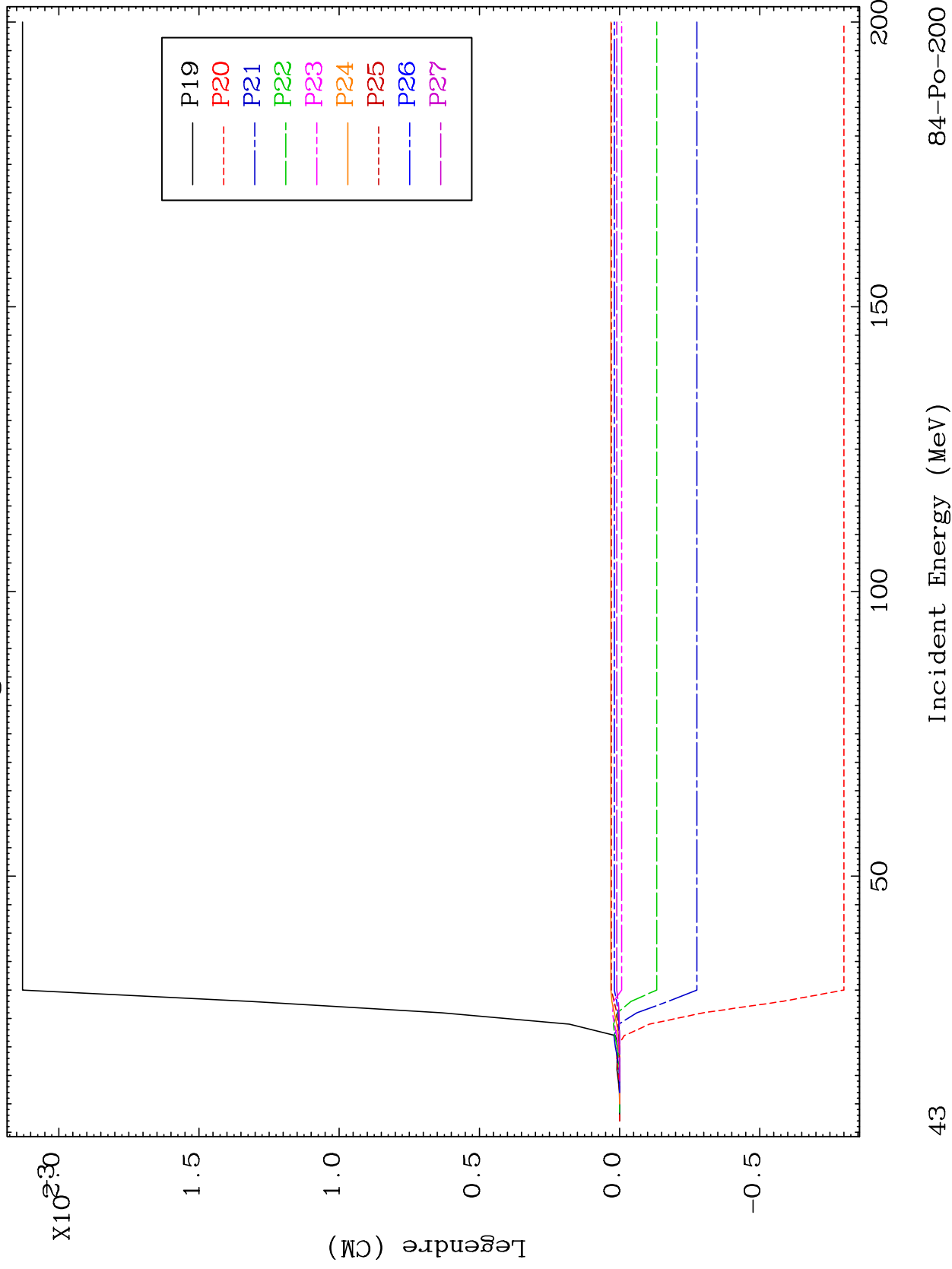
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MAT 8407

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

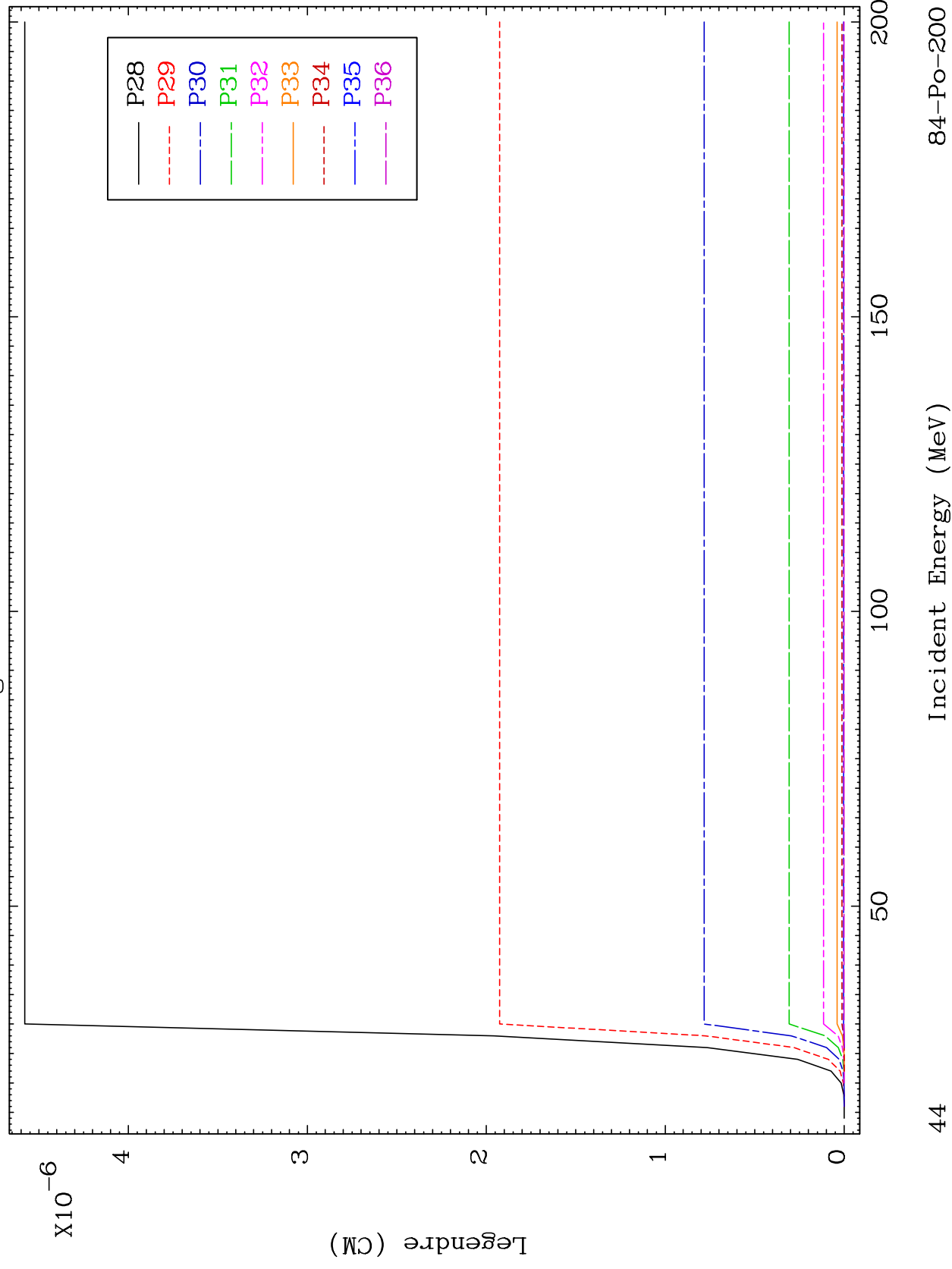
84-Po-200



MAT 8407

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

84-Po-200



44

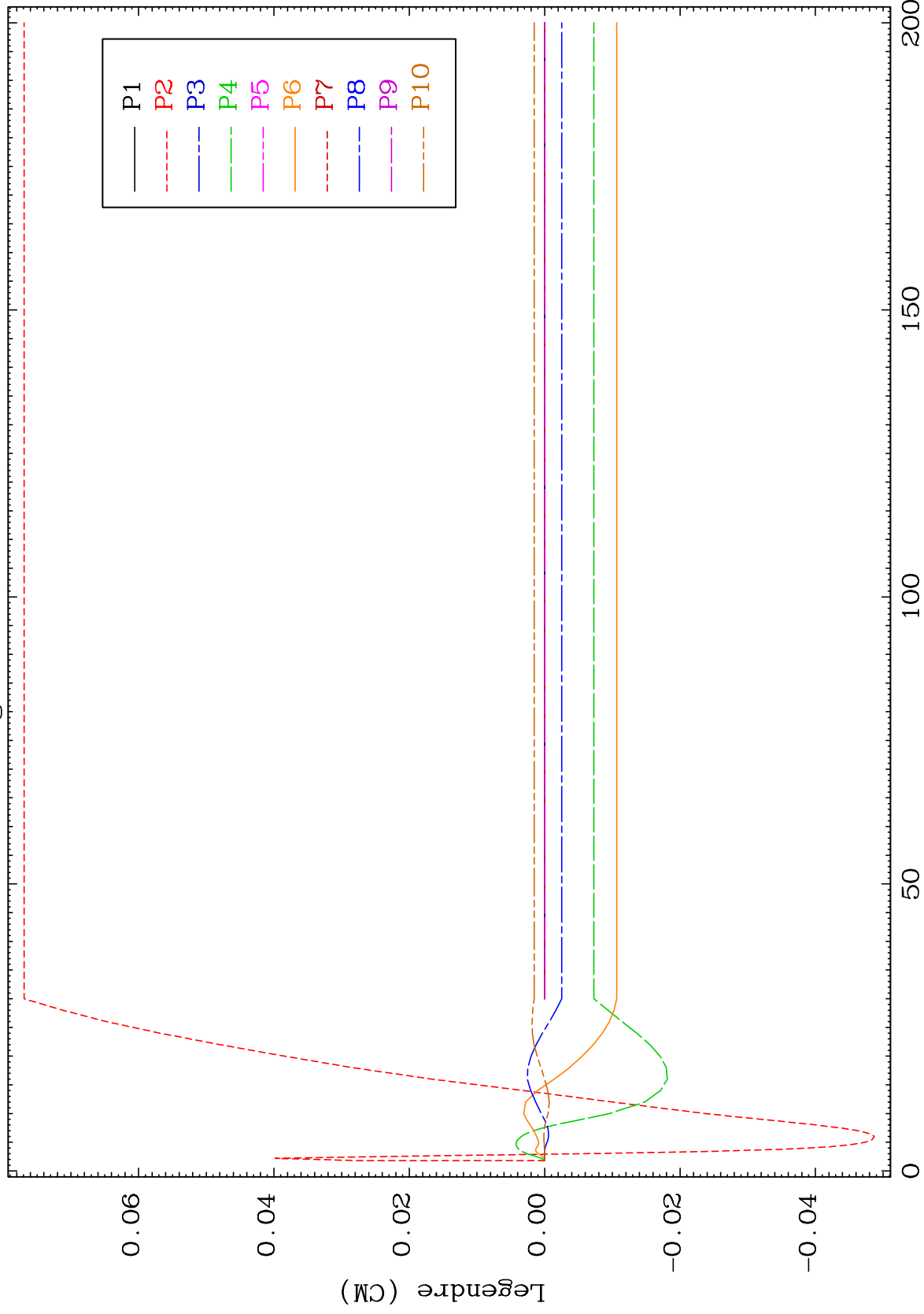
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



84-Po-200

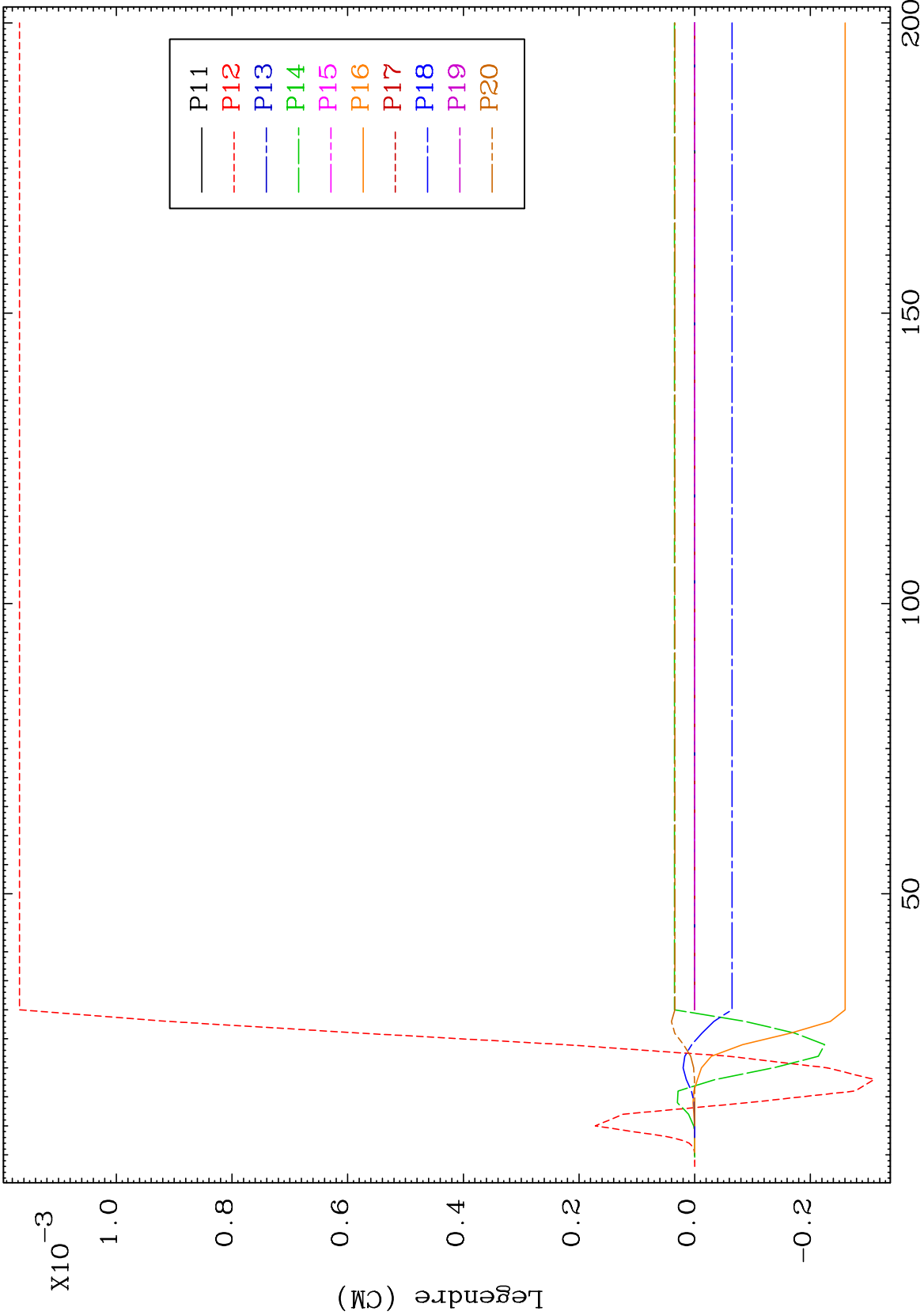
Incident Energy (MeV)

45

MAT 8407

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

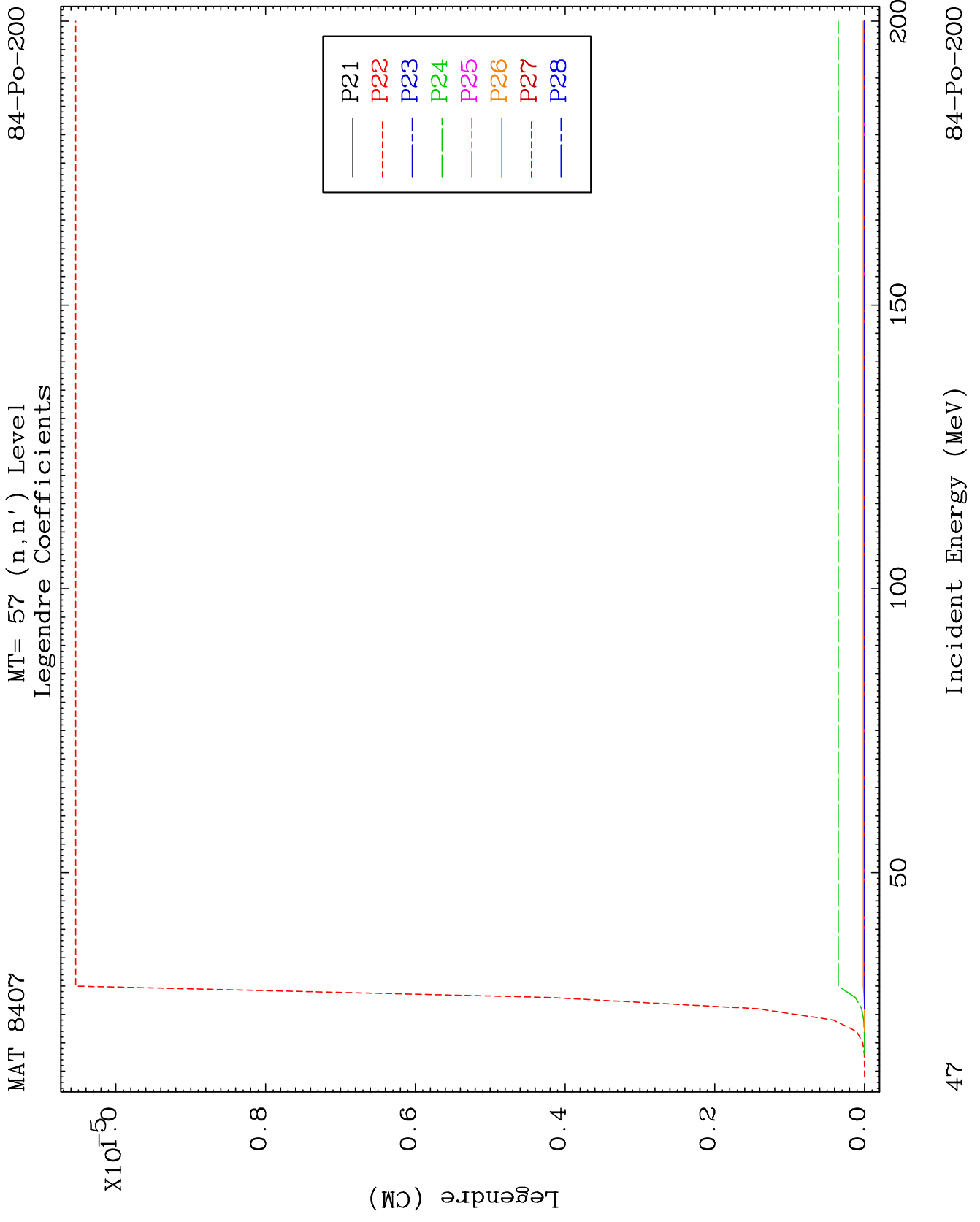
84-Po-200



46

Incident Energy (MeV)

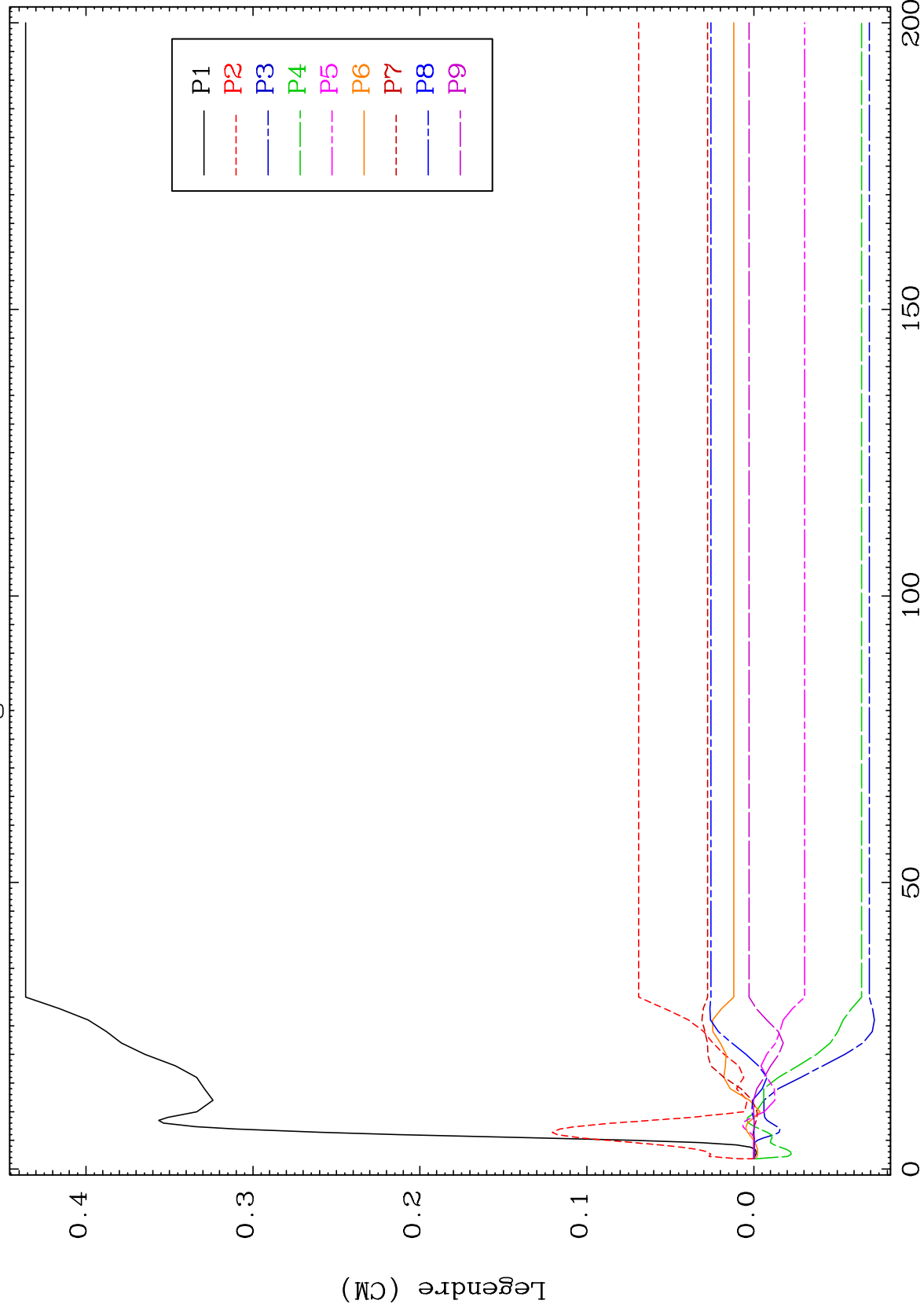
84-Po-200



MAT 8407

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

84-Po-200



48

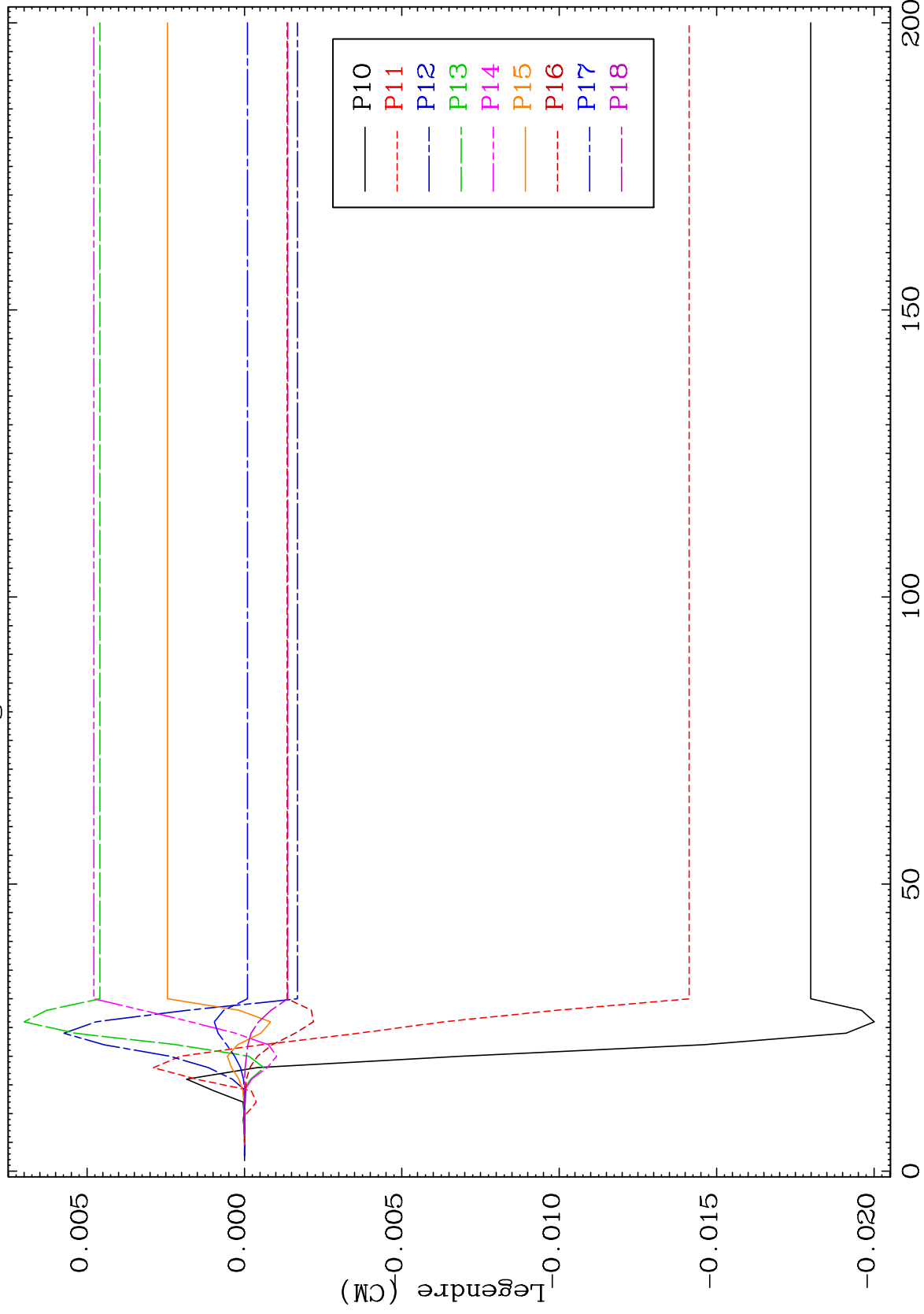
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



49

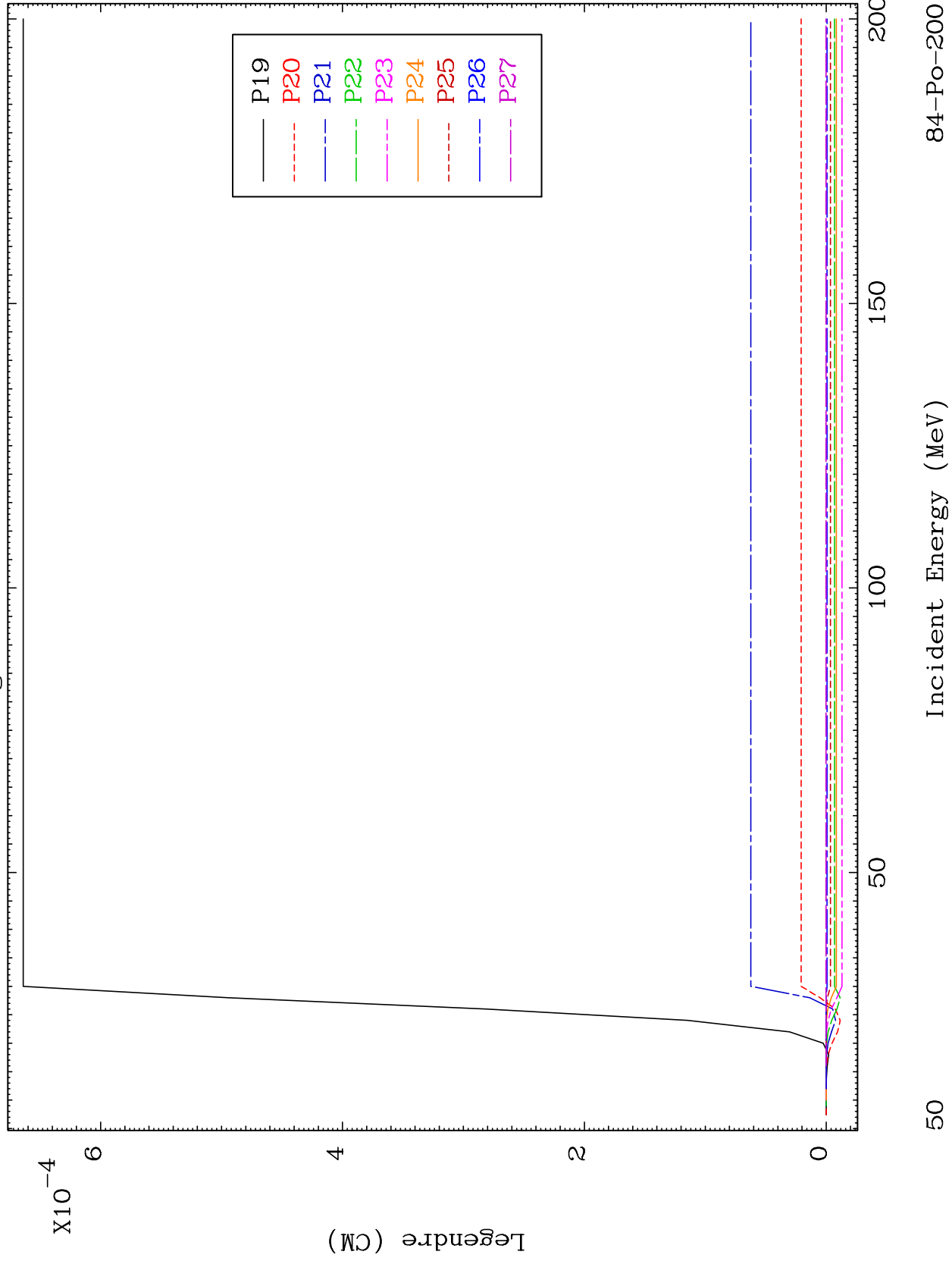
Incident Energy (MeV)

84-Po-200

MAT 8407

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

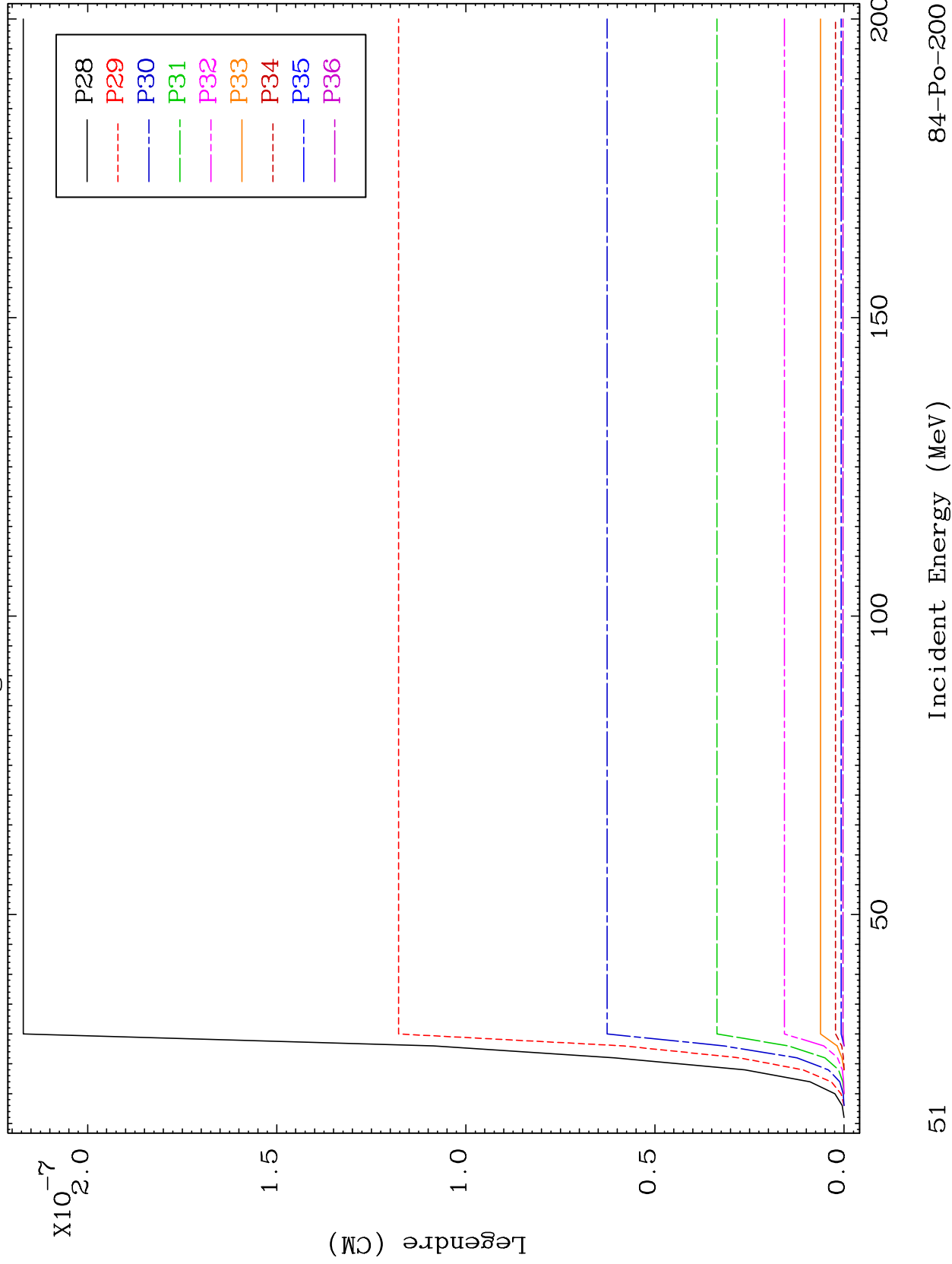
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MAT 8407

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

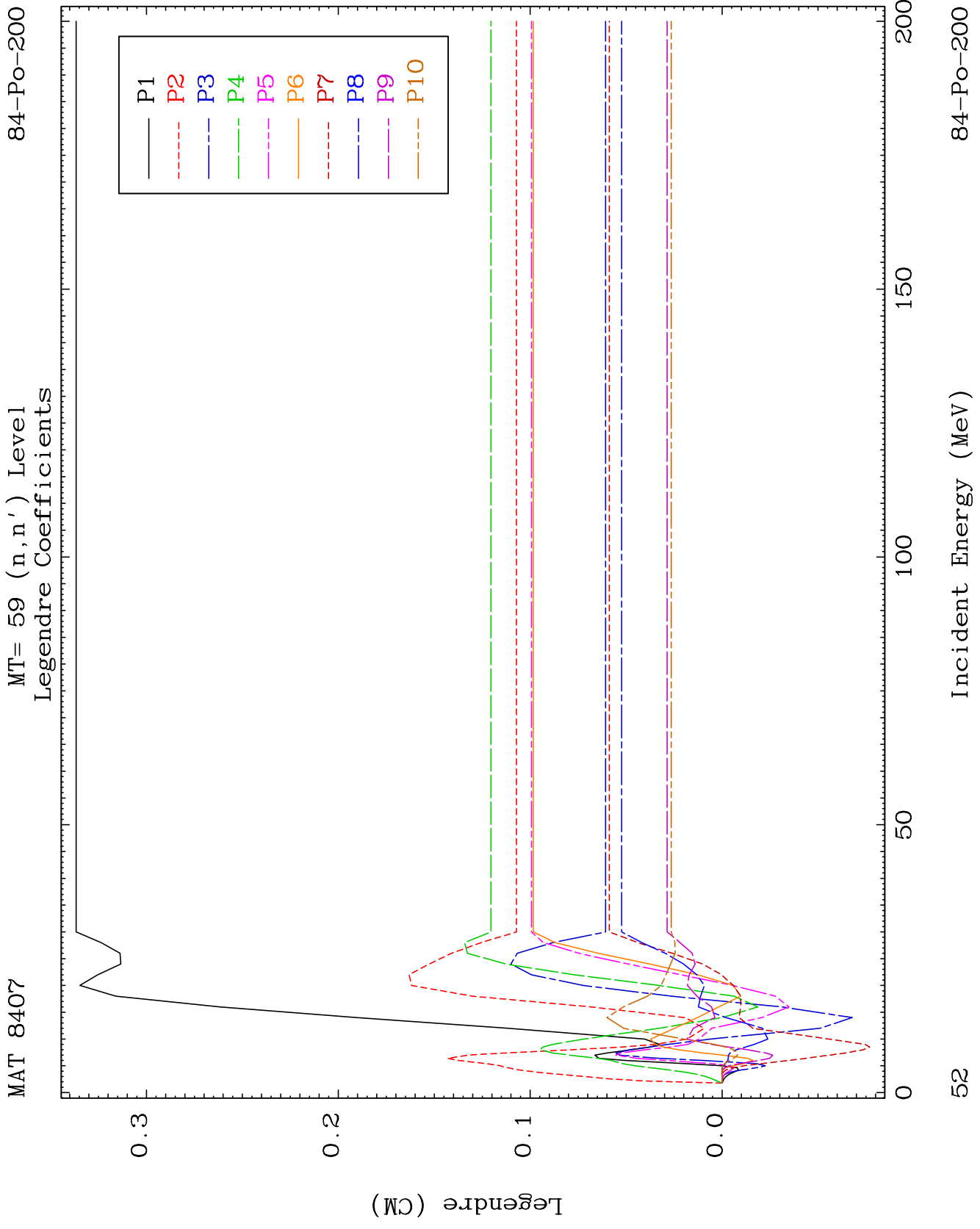
84-Po-200



51

Incident Energy (MeV)

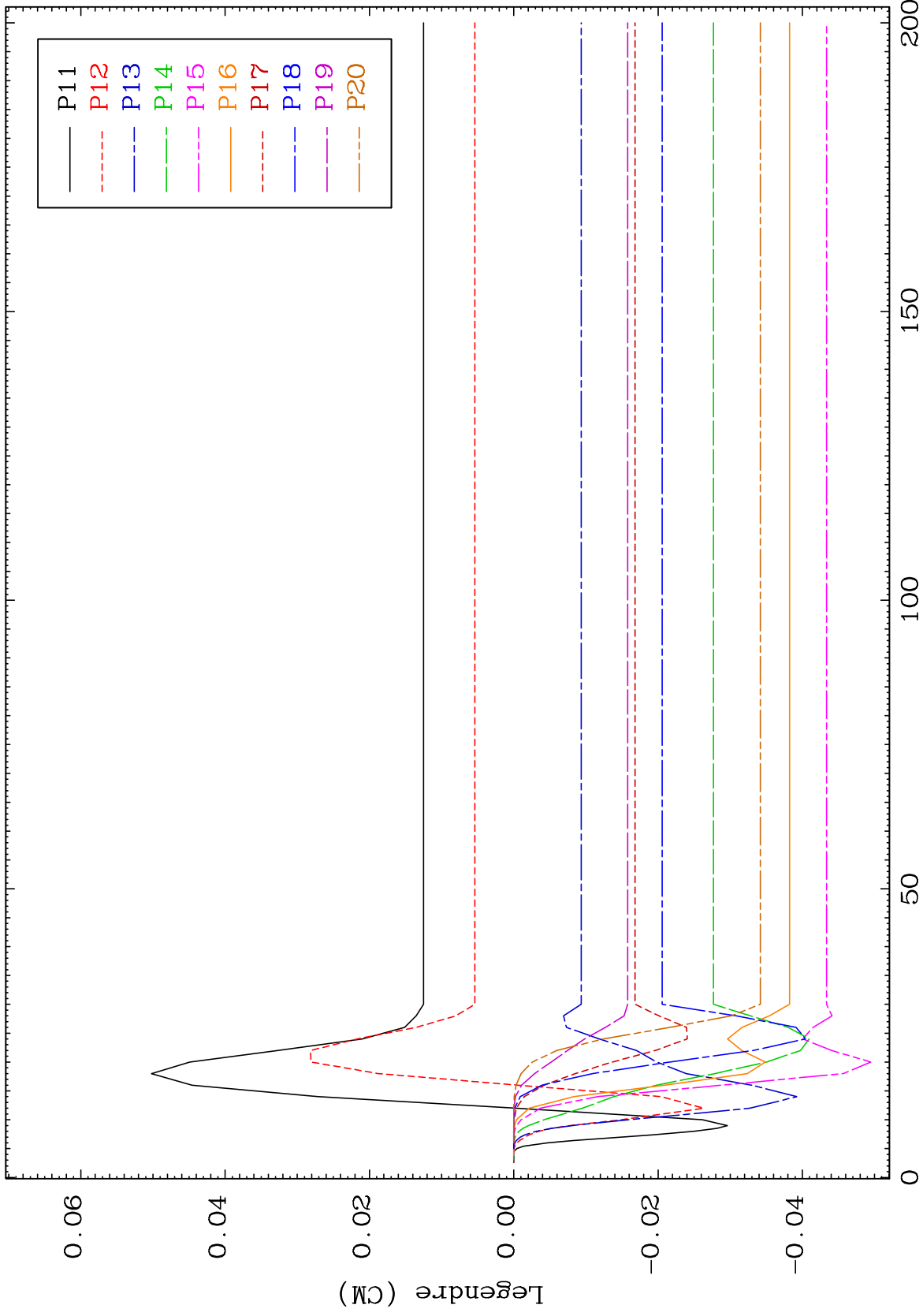
84-Po-200



MAT 8407

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

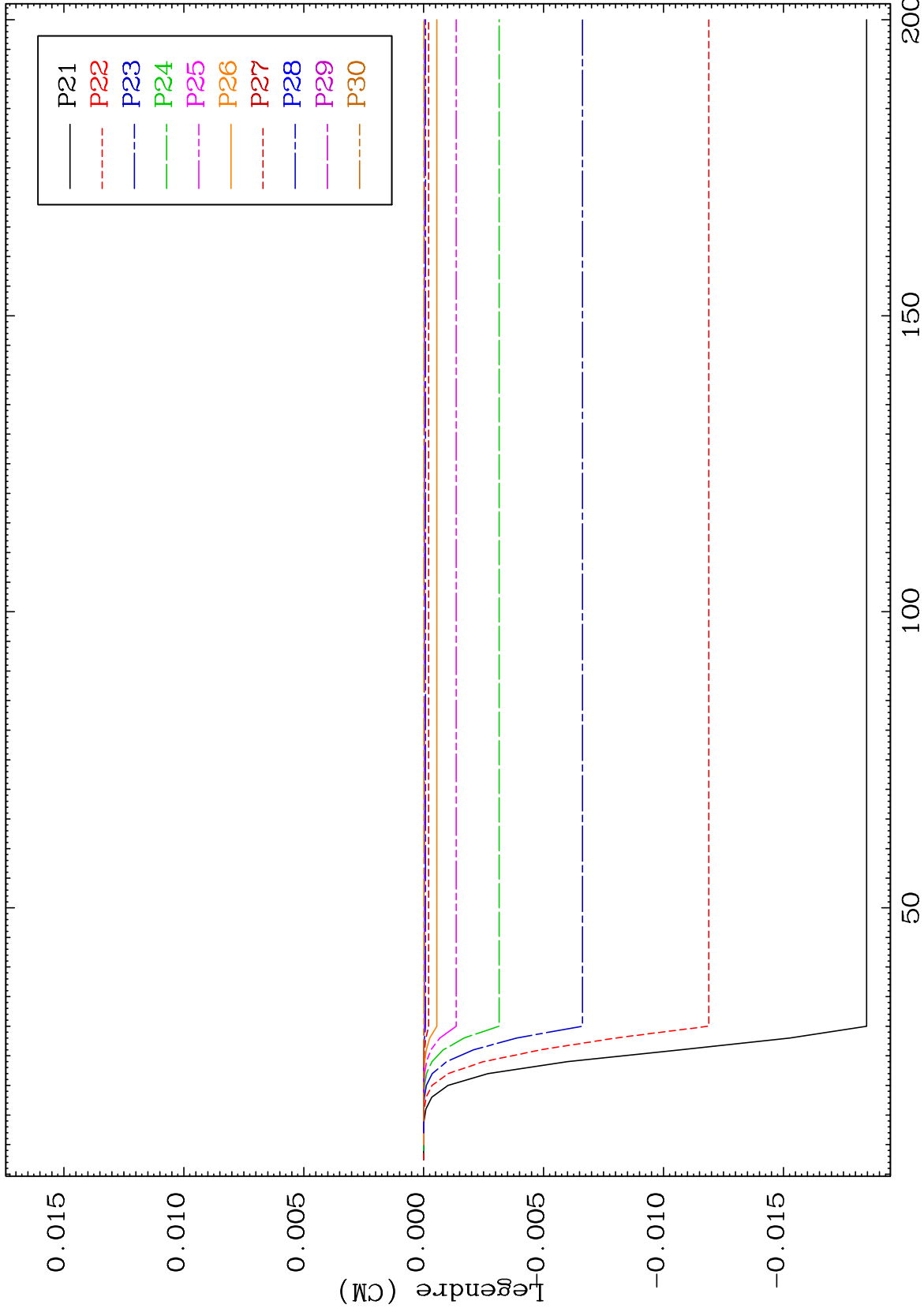
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MAT 8407

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

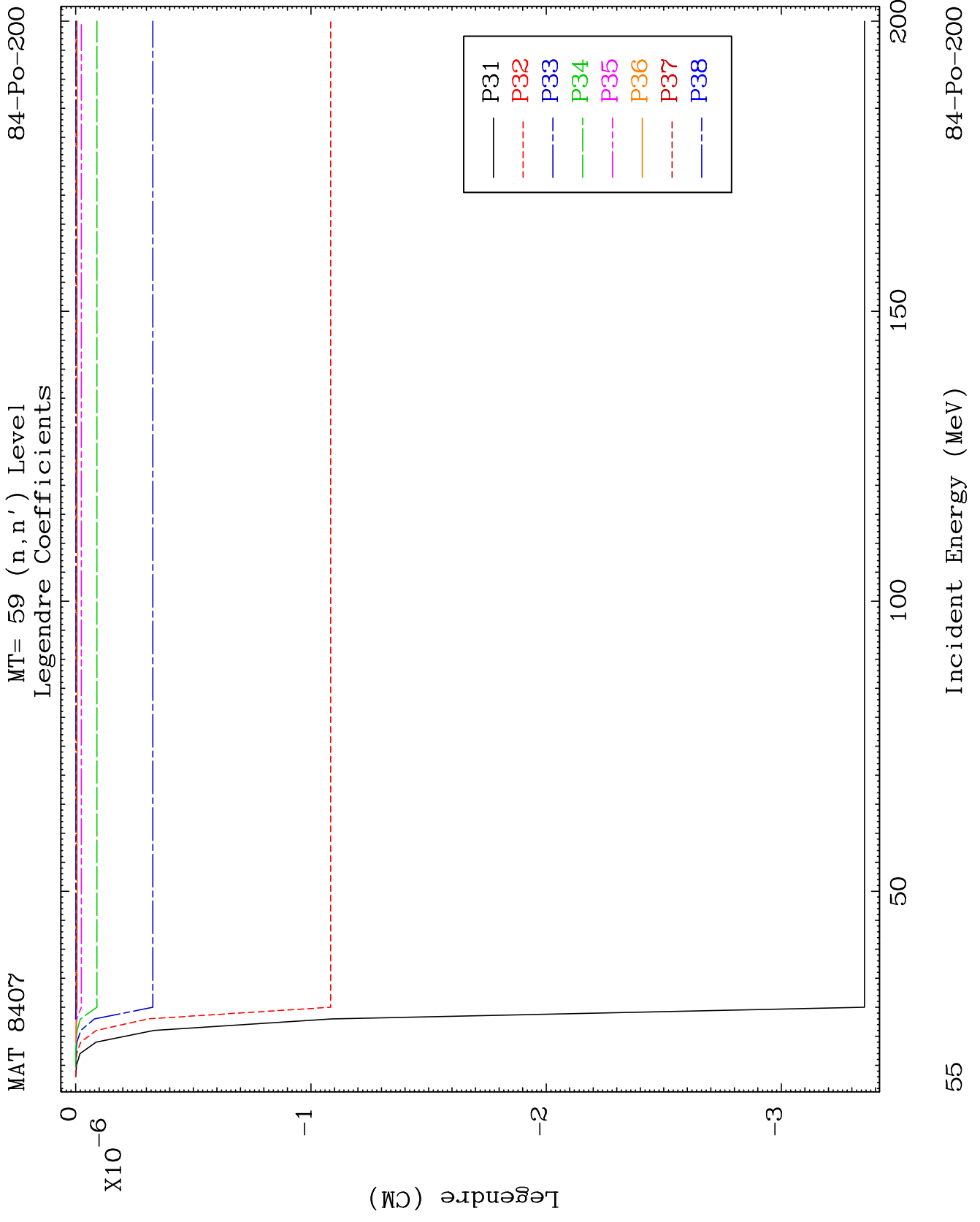
84-Po-200



54

Incident Energy (MeV)

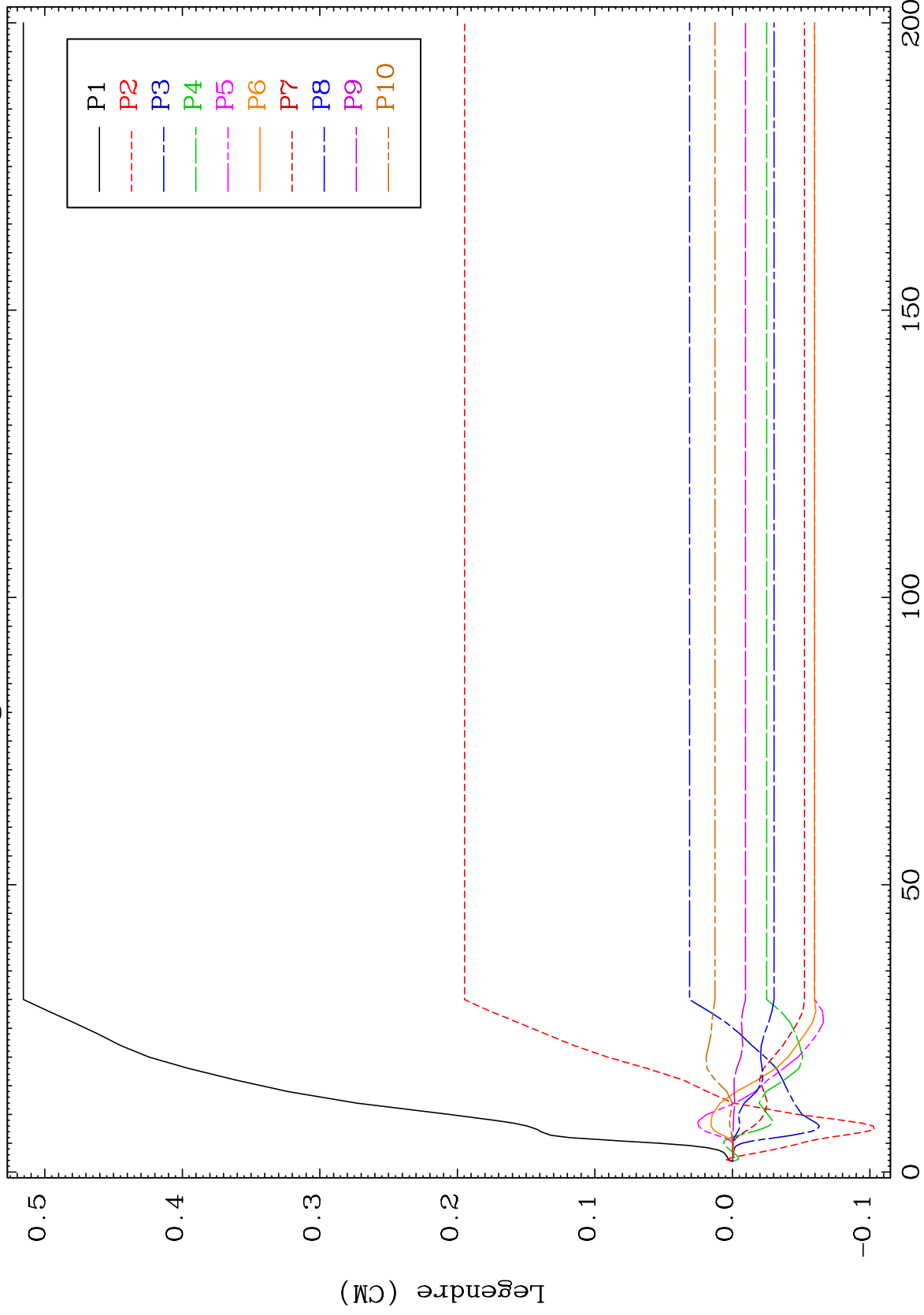
84-Po-200



MAT 8407

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

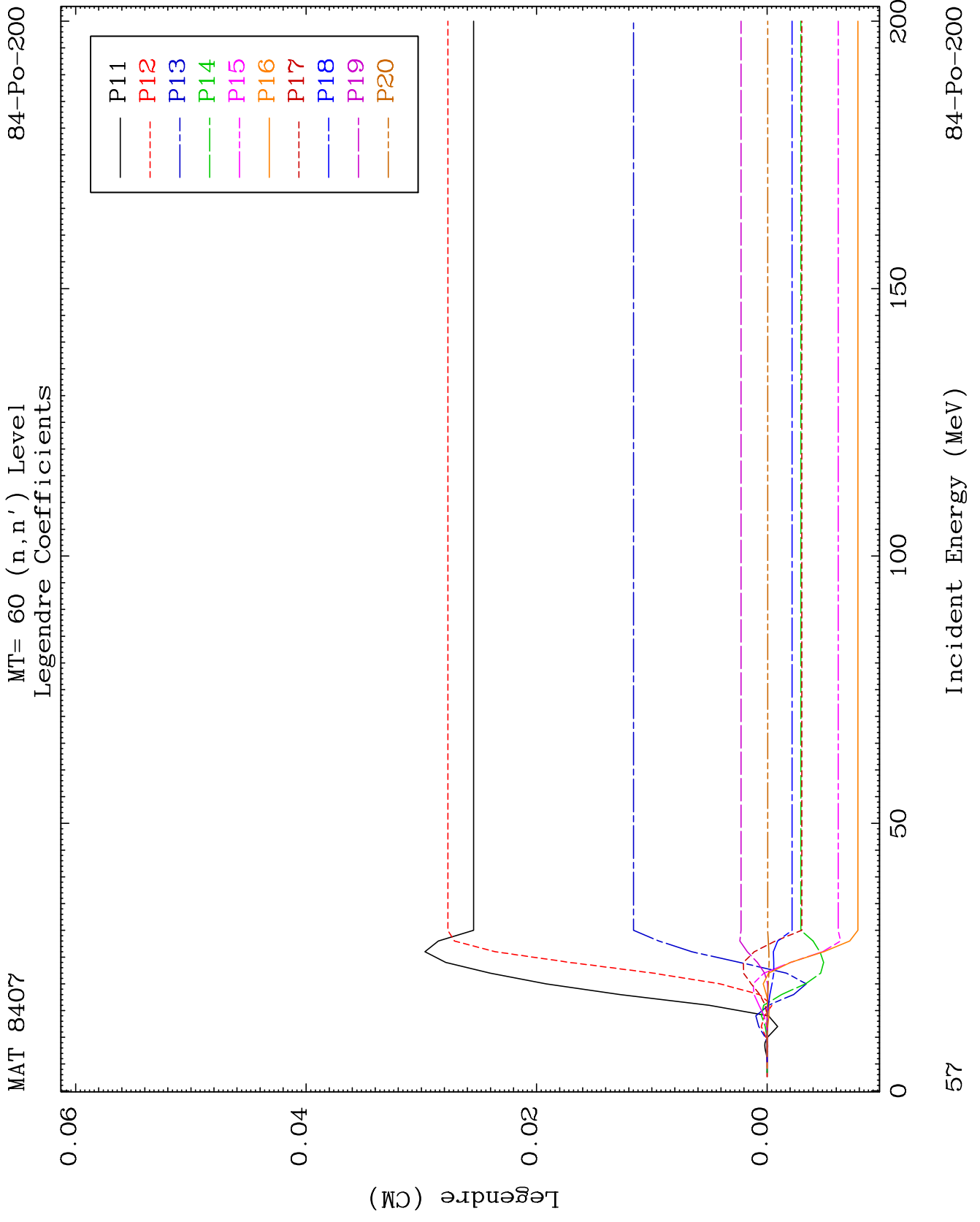
84-Po-200



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Incident Energy (MeV)

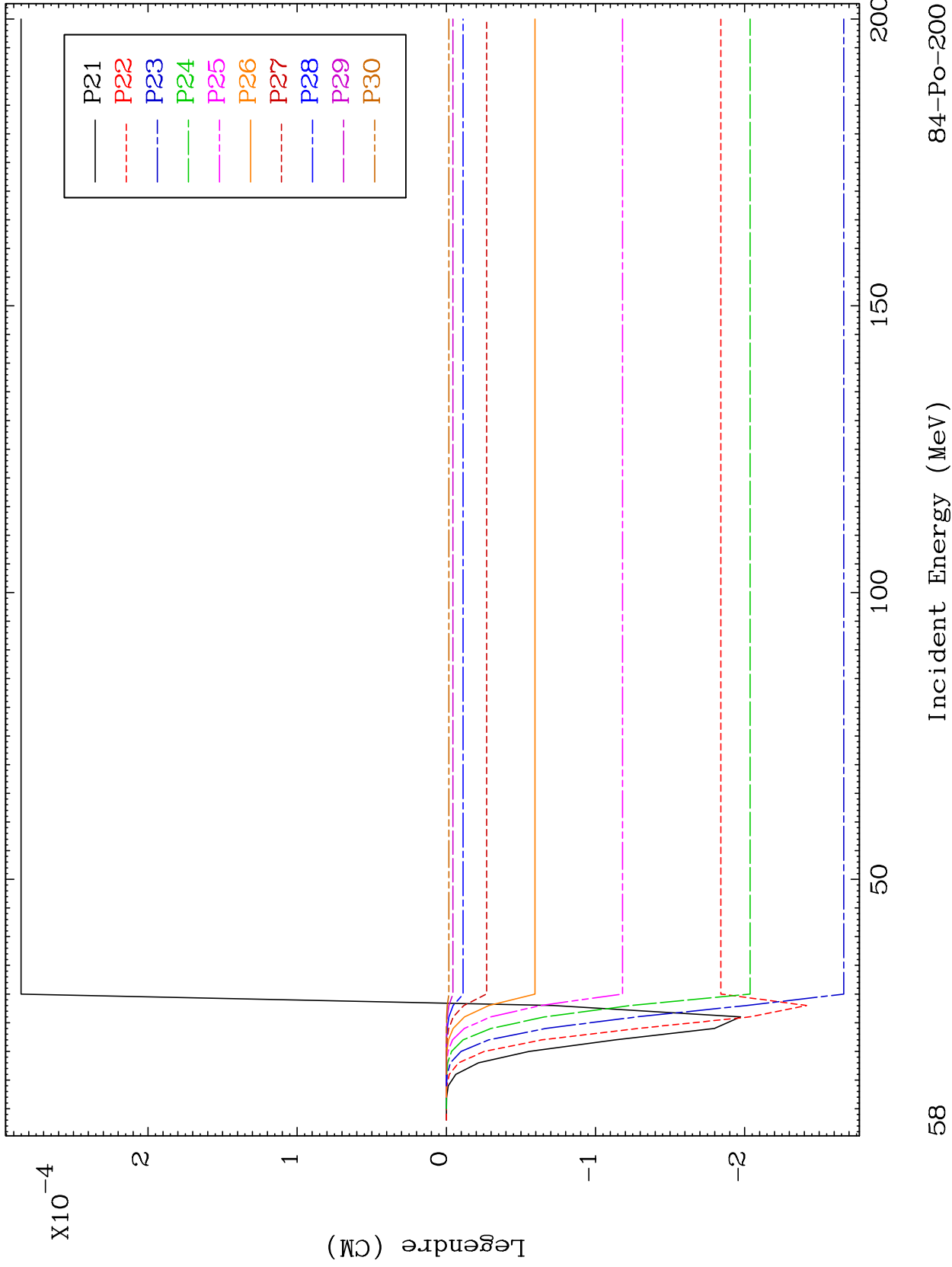
84-Po-200

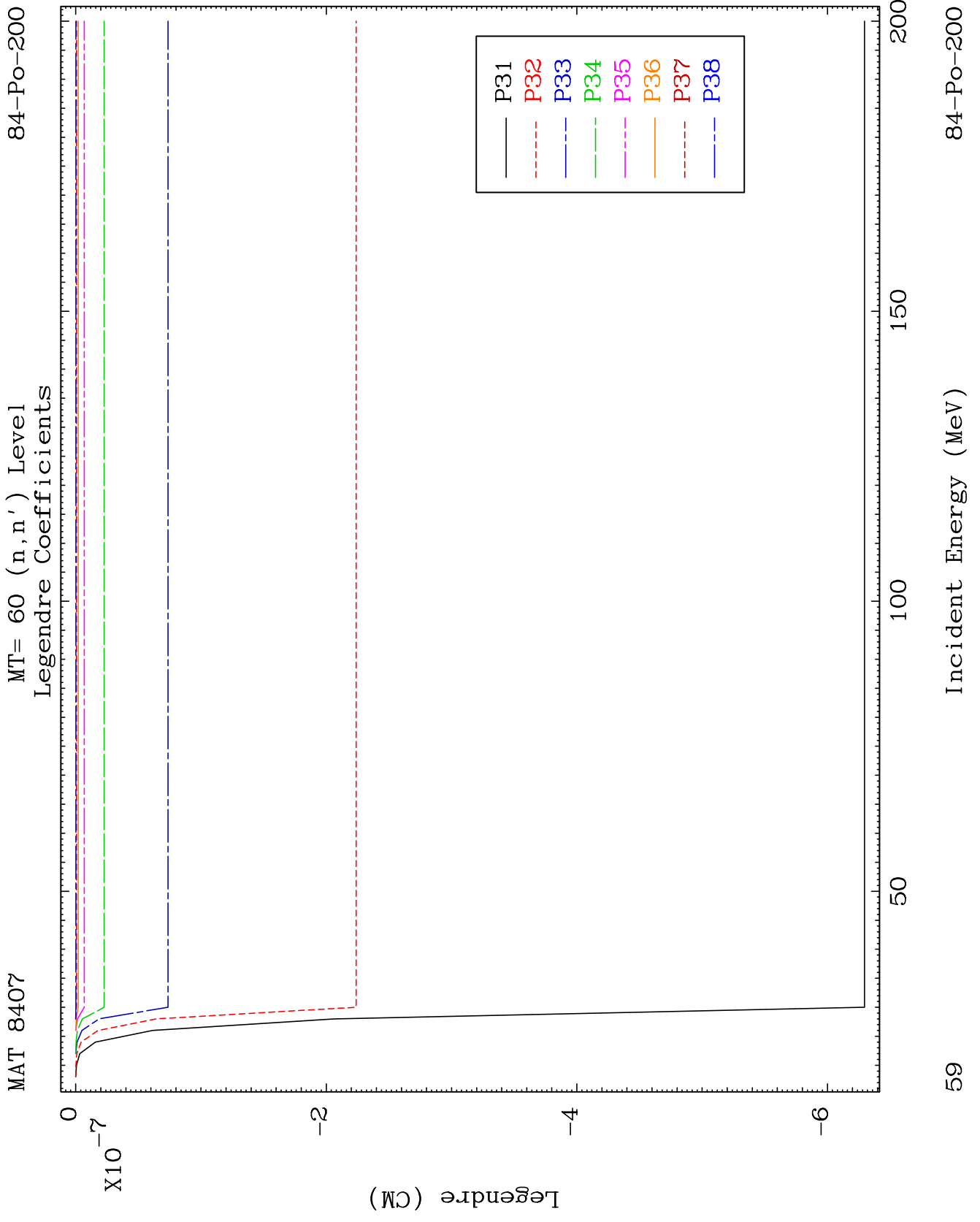


MAT 8407

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

84-Po-200

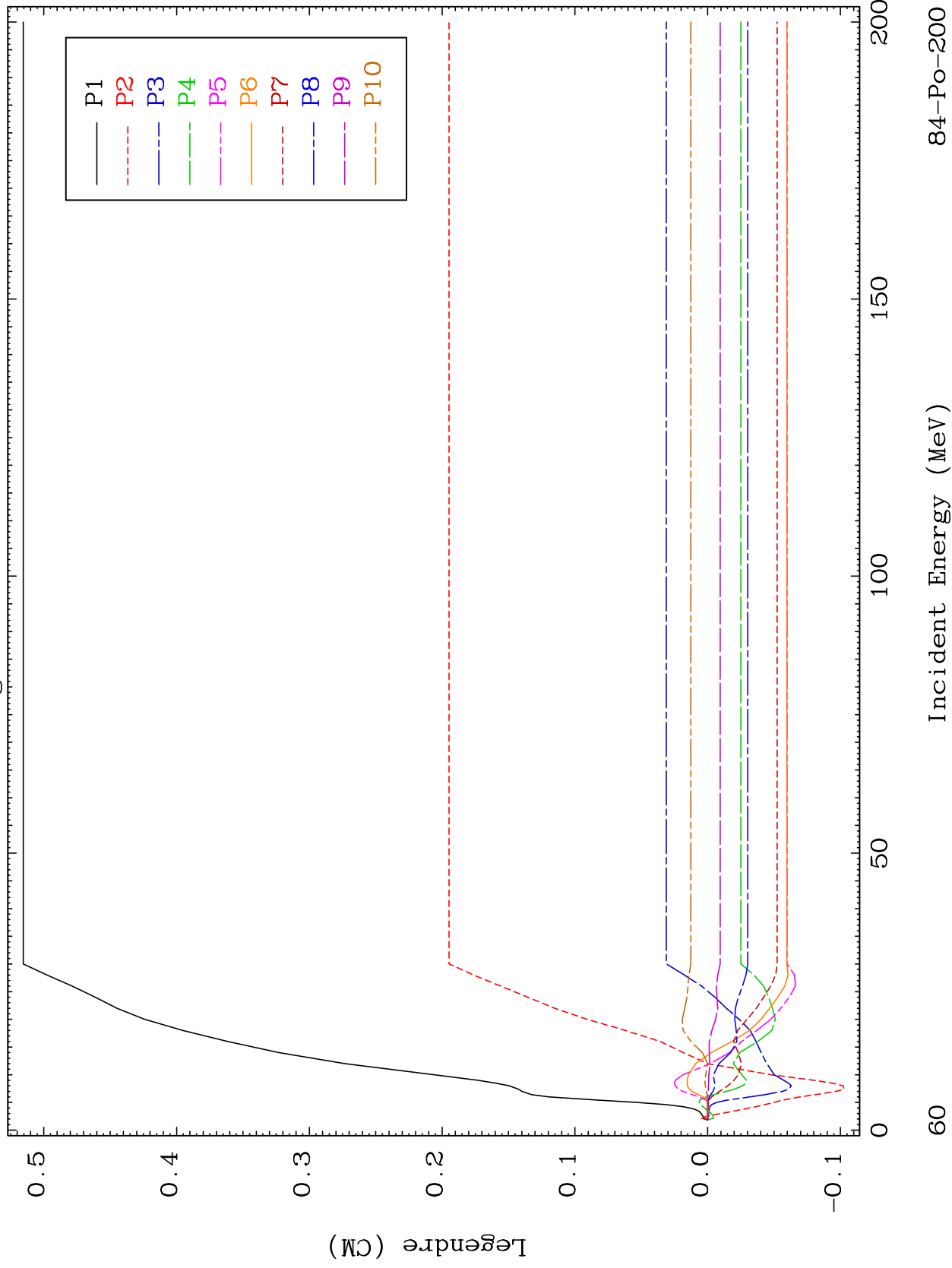




MAT 8407

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

84-Po-200



84-Po-200

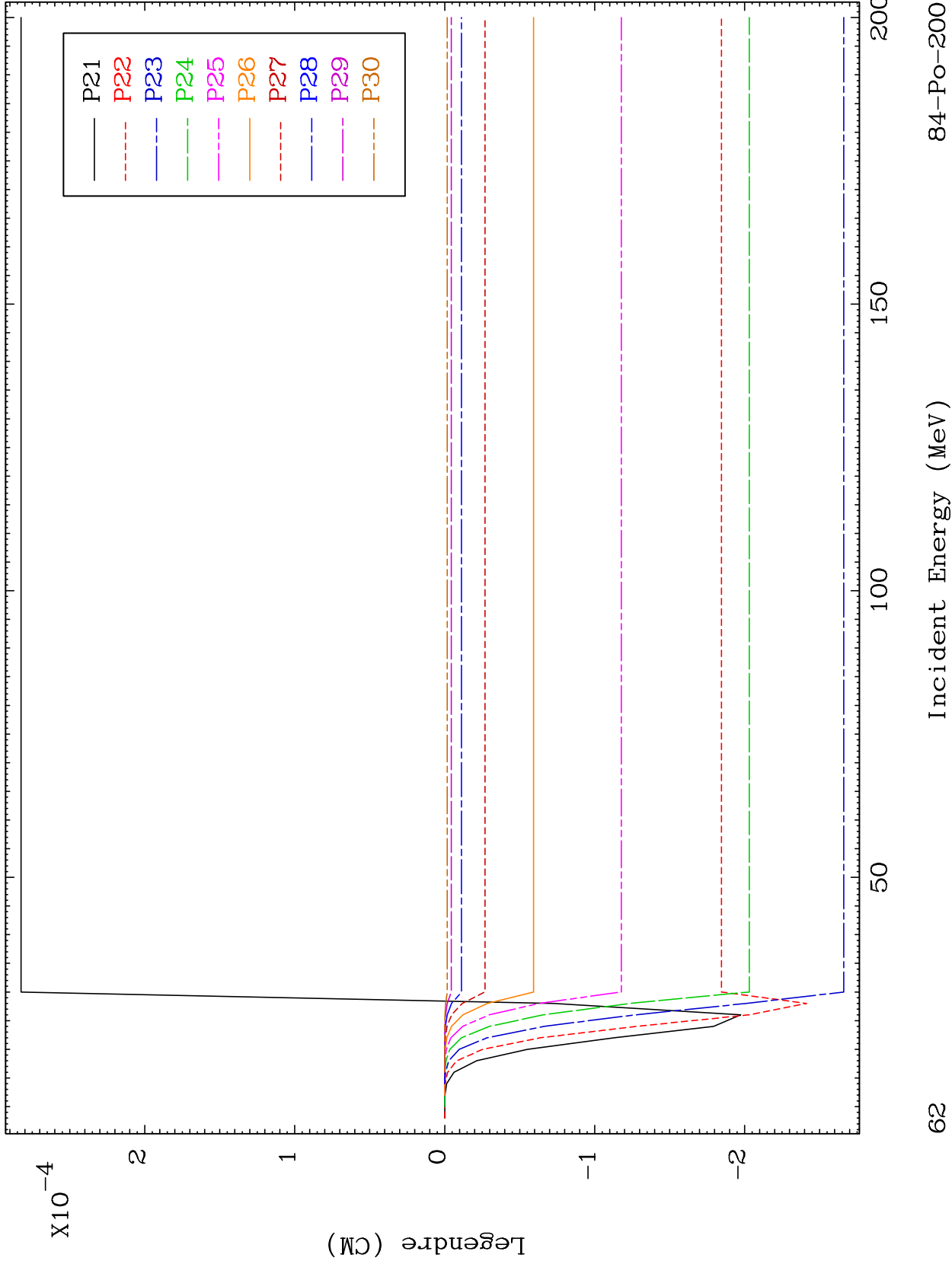
Incident Energy (MeV)

60

MAT 8407

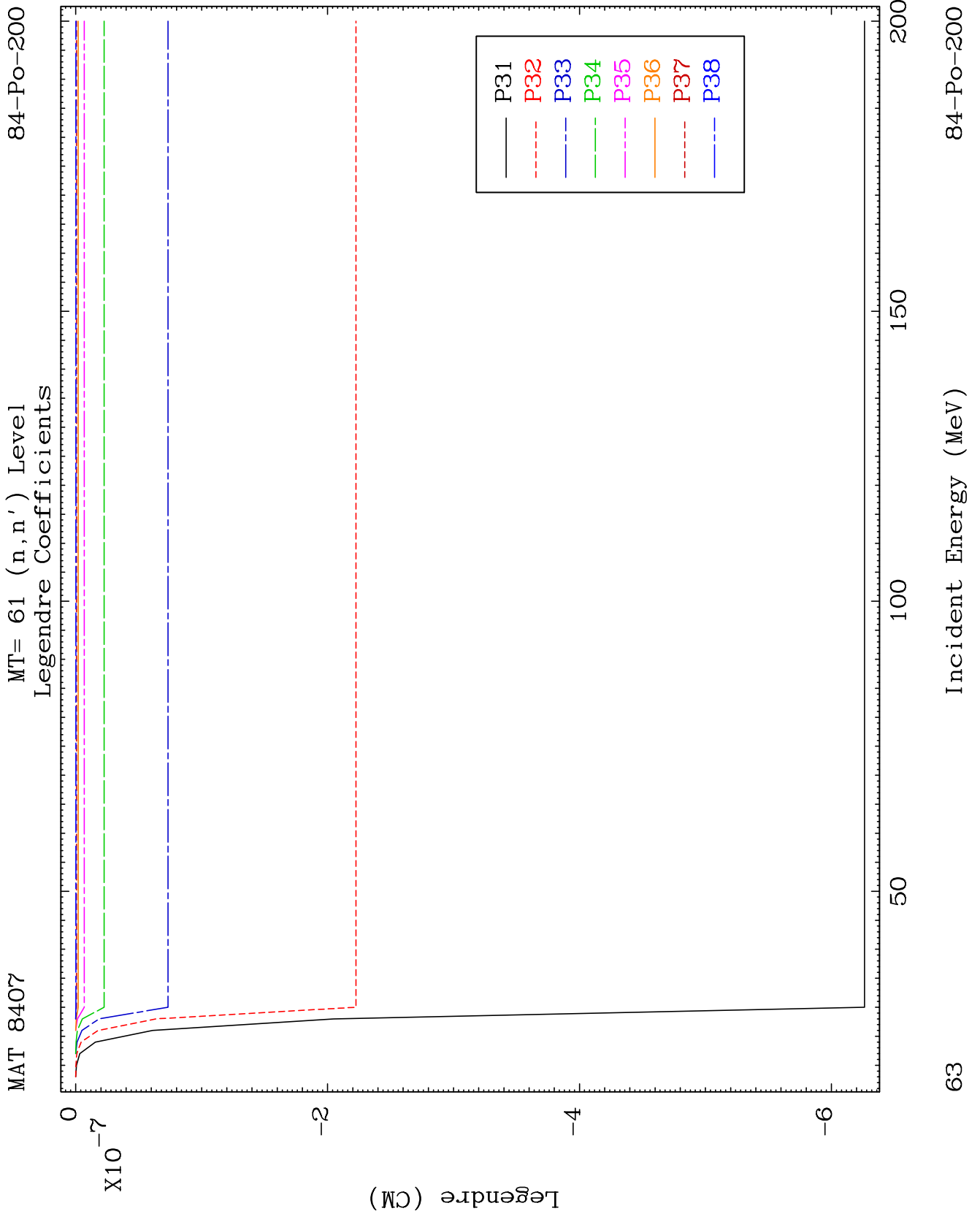
MT= 61 (n,n') Level
Legendre Coefficients

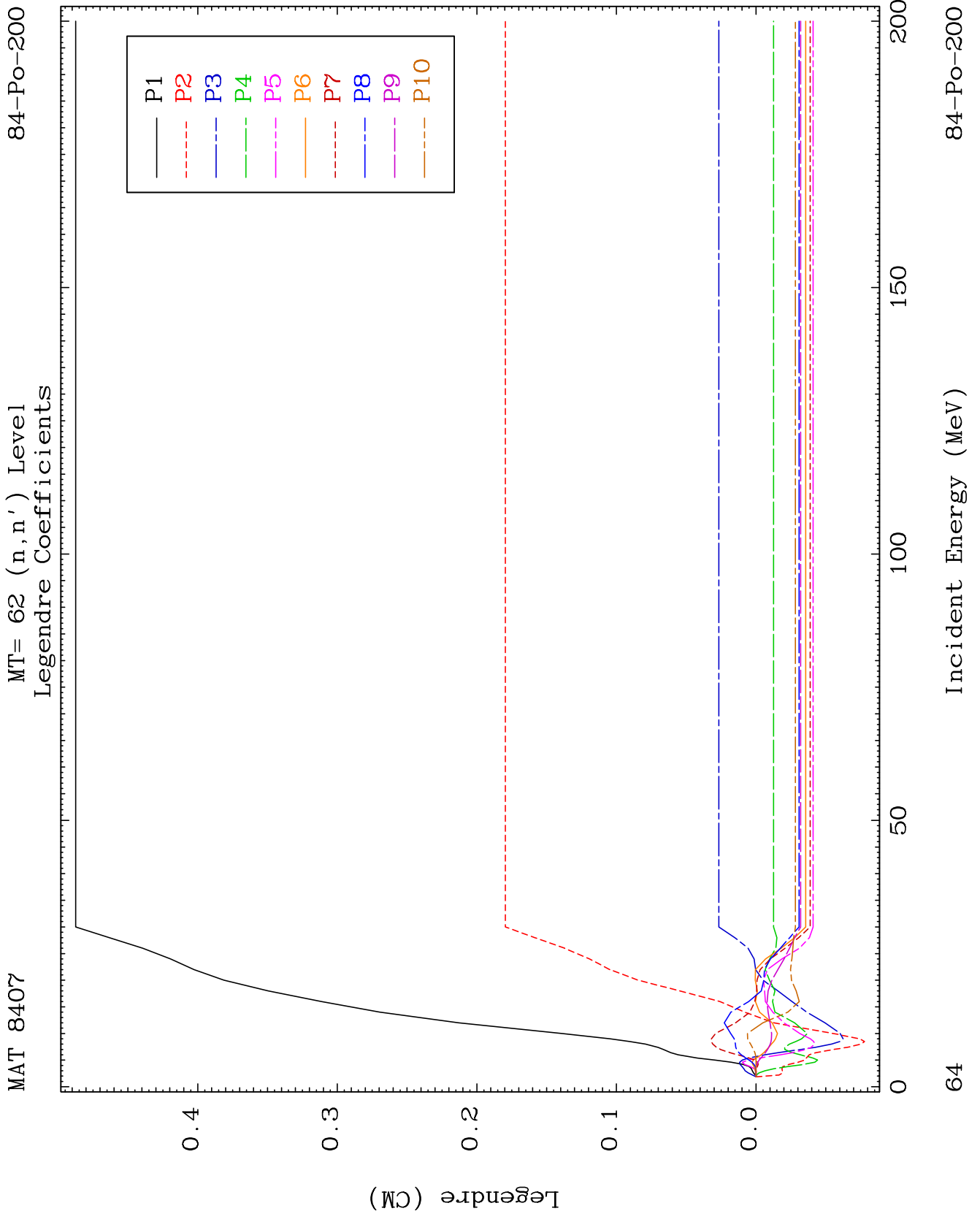
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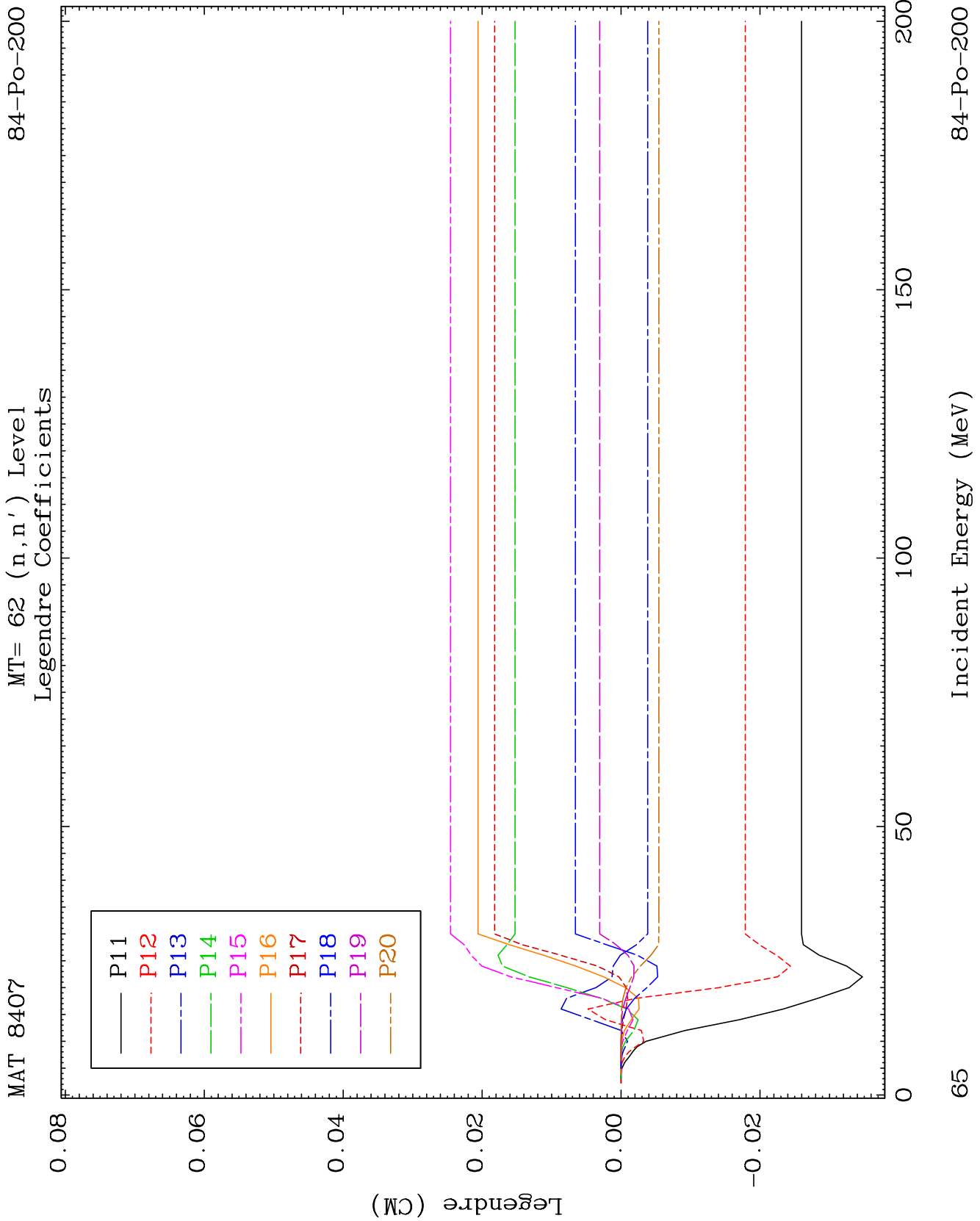


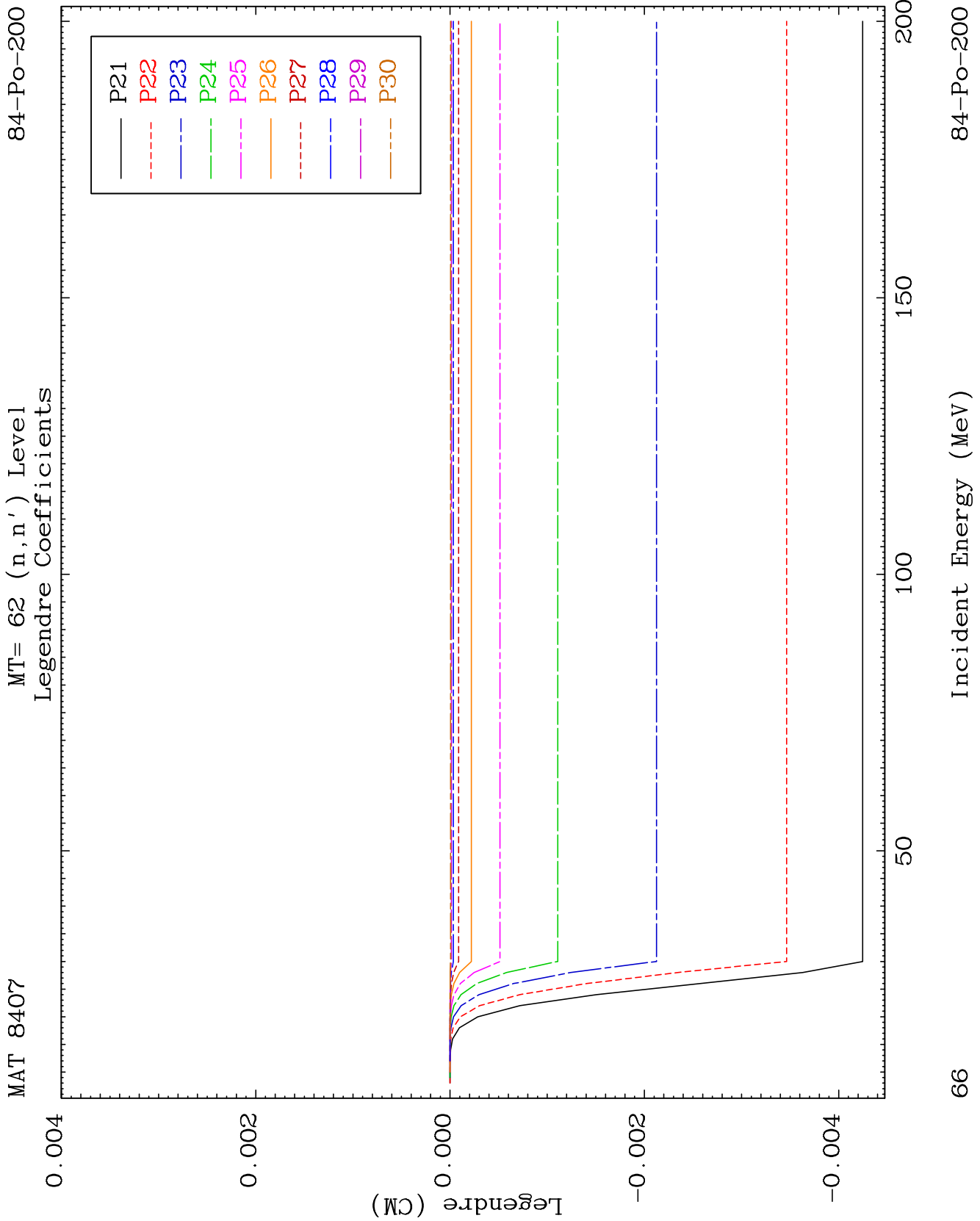
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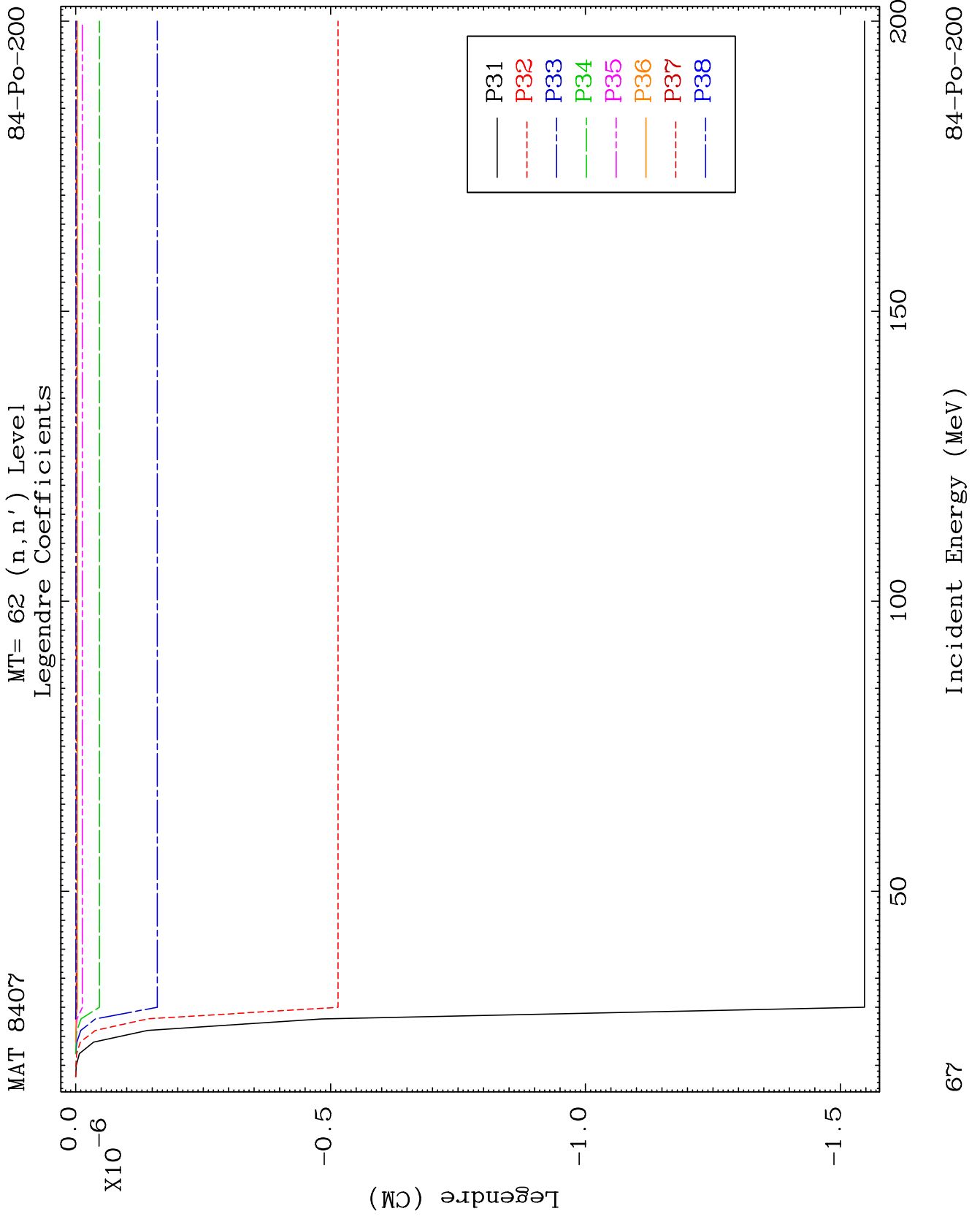
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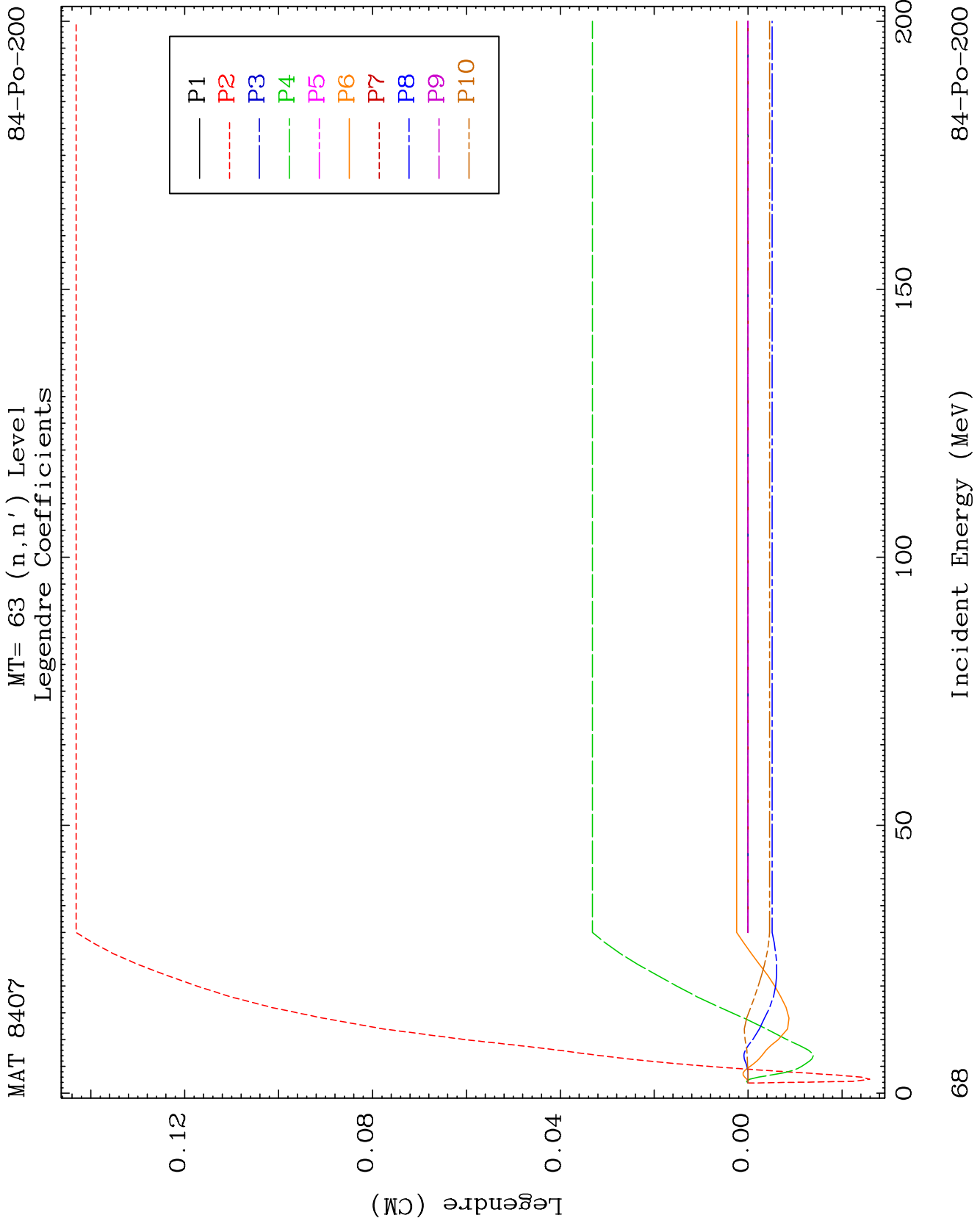








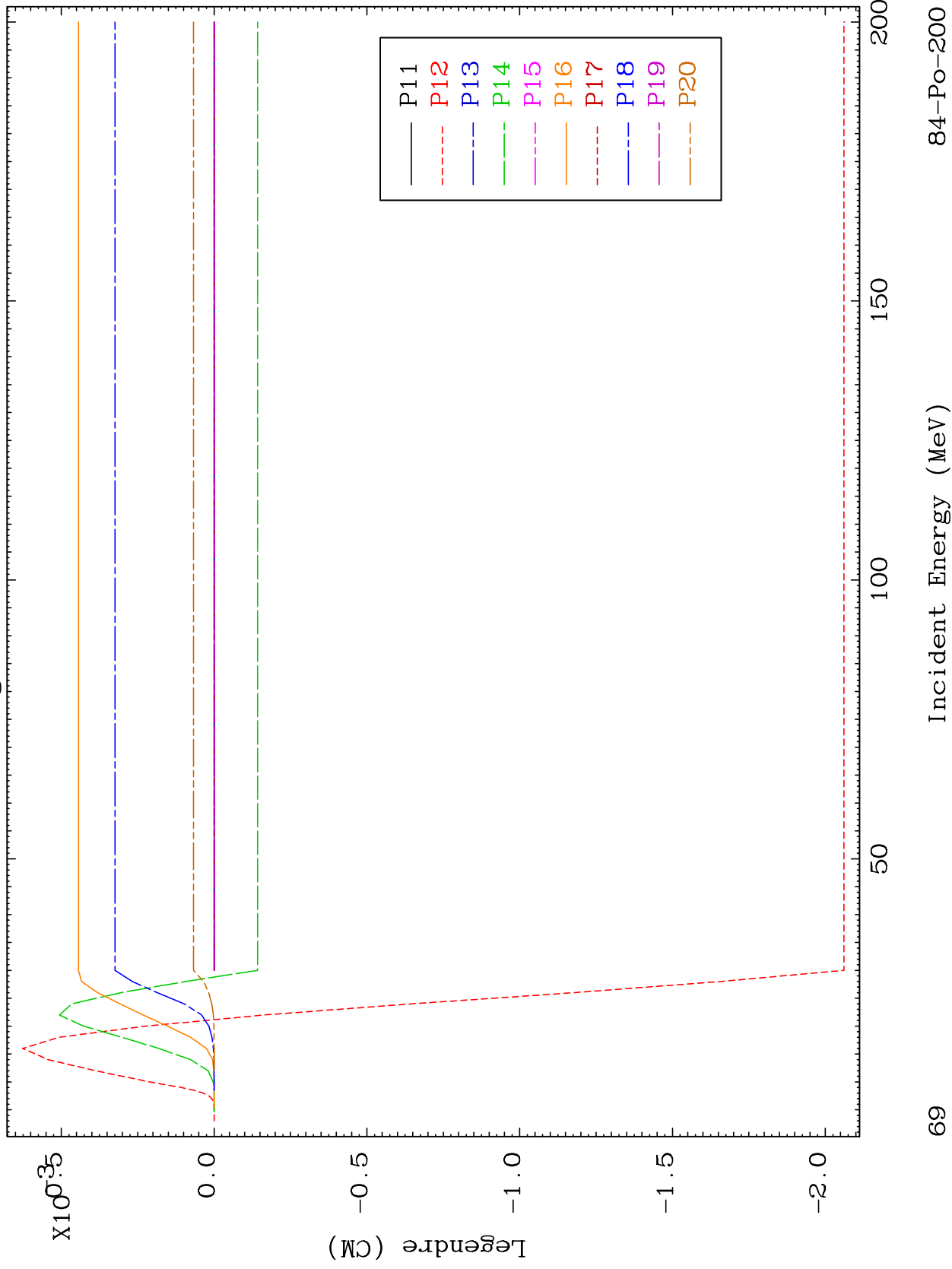




MAT 8407

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

84-Po-200



69

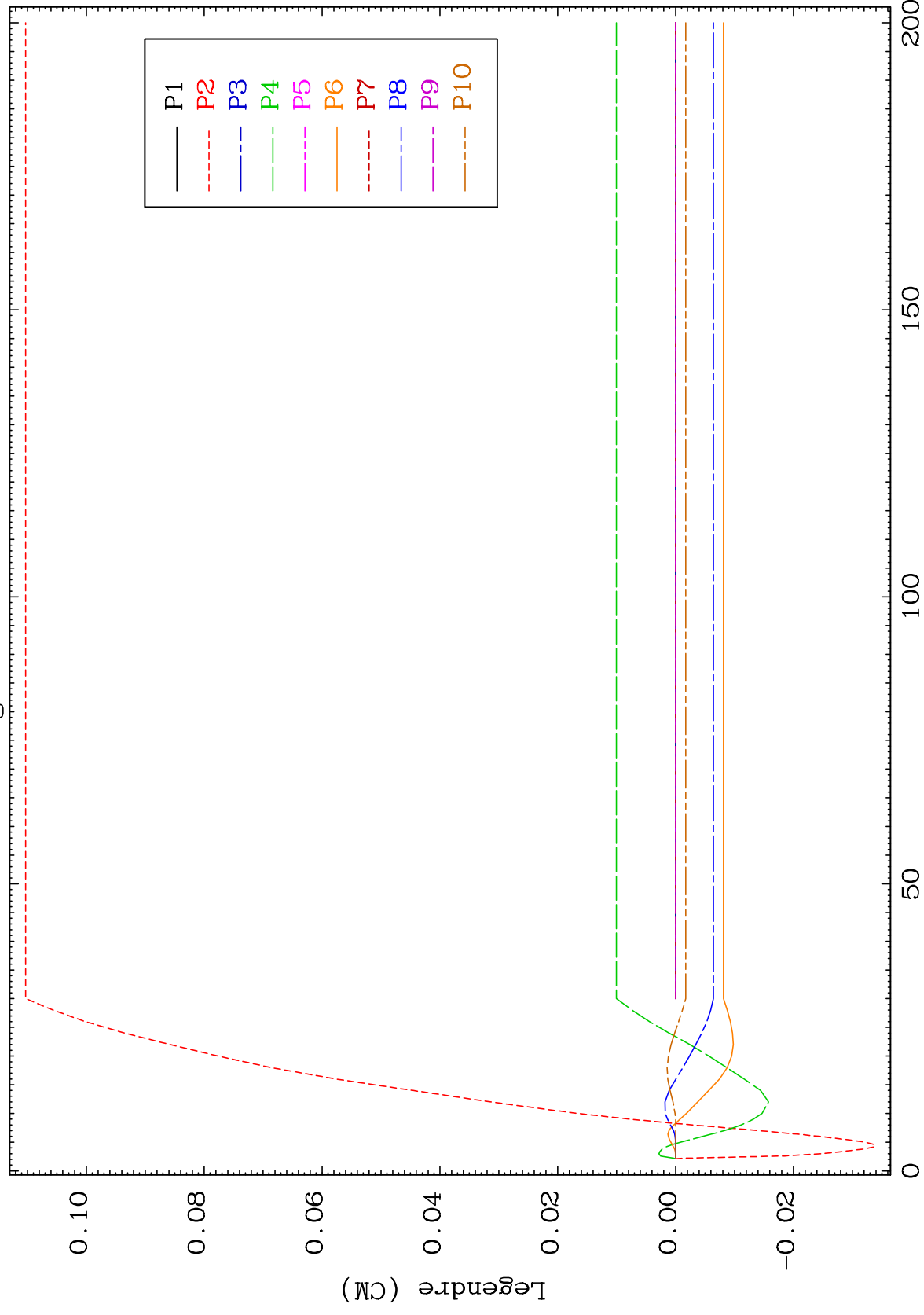
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



71

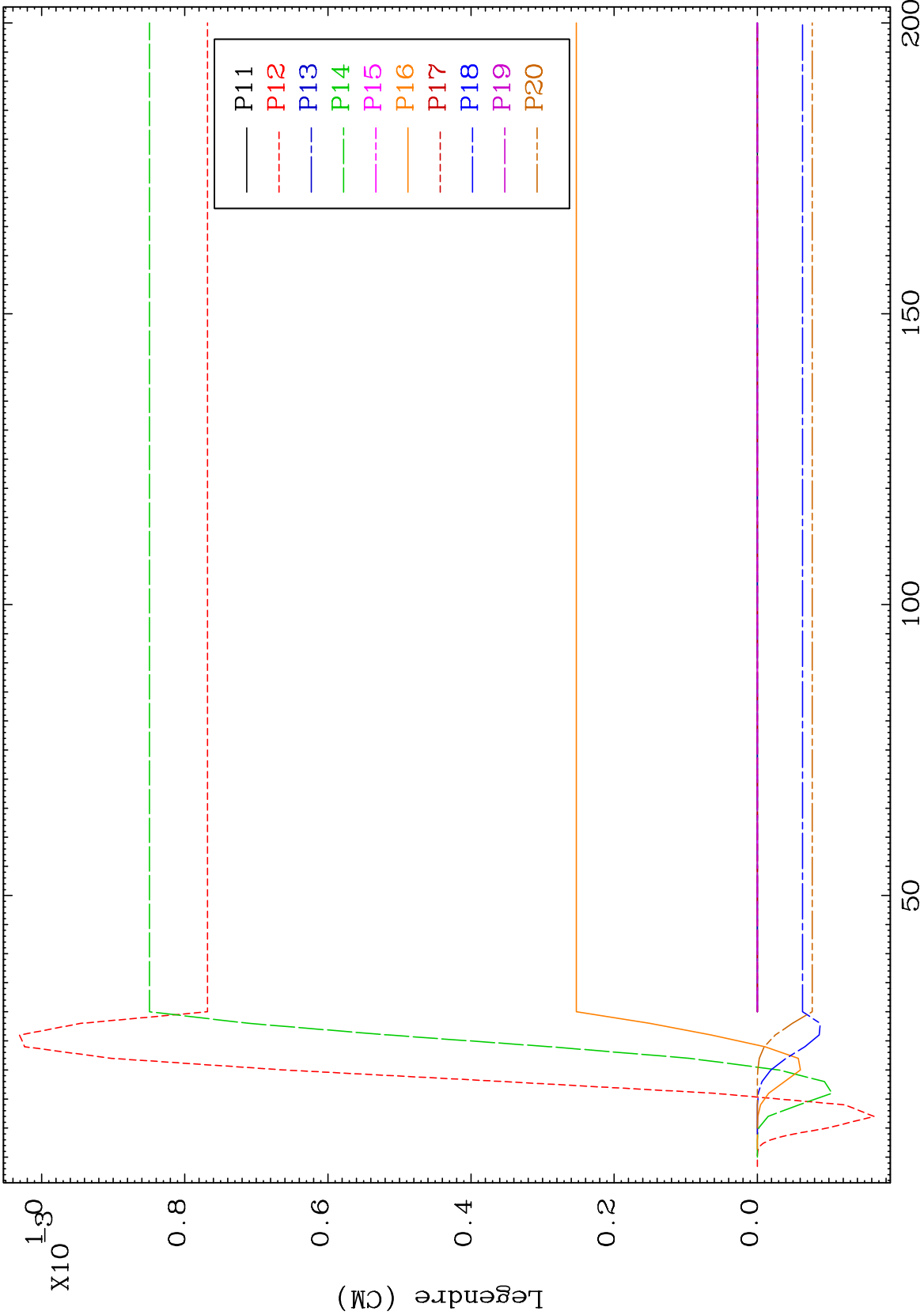
Incident Energy (MeV)

84-Po-200

MAT 8407

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

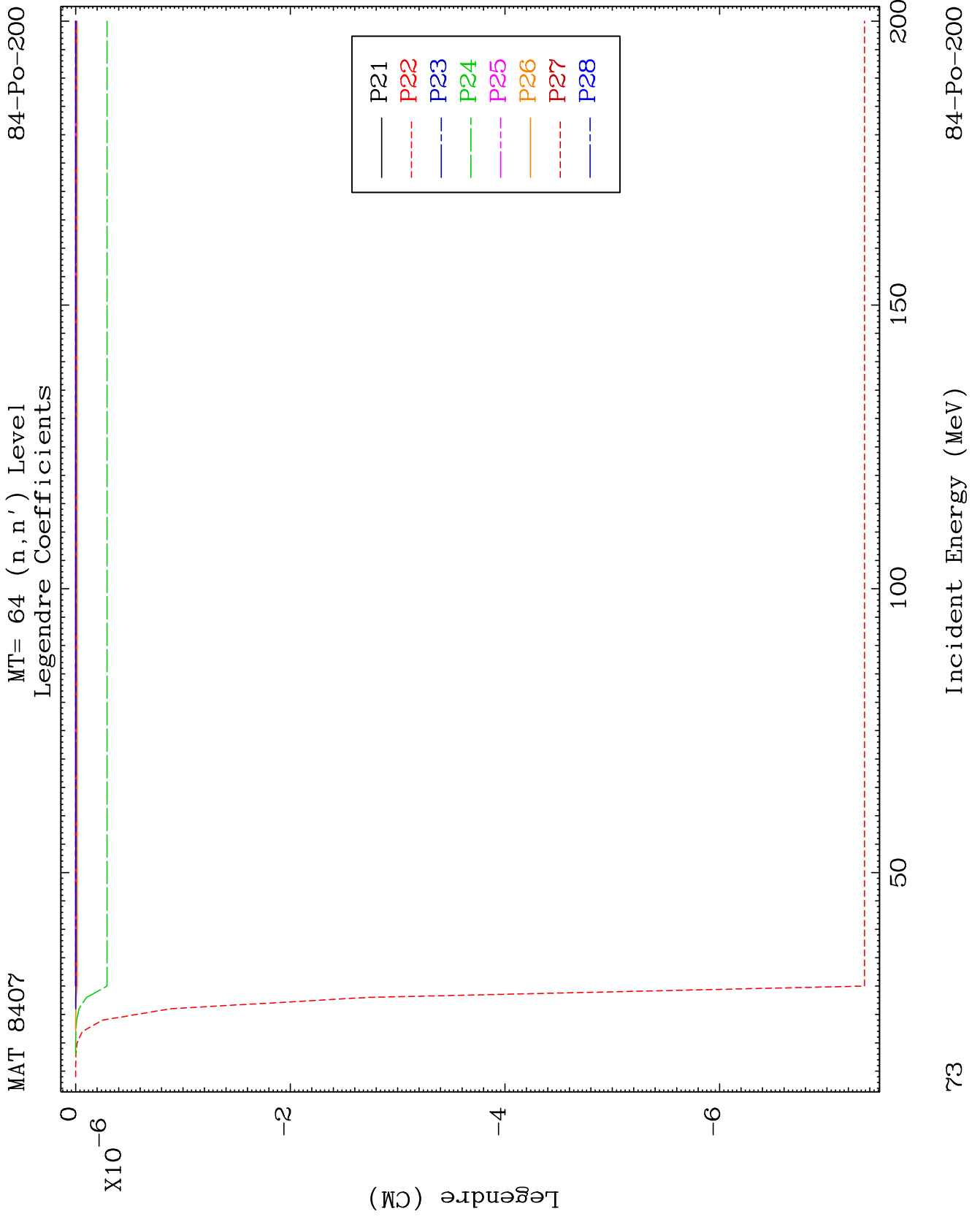
84-Po-200



72

Incident Energy (MeV)

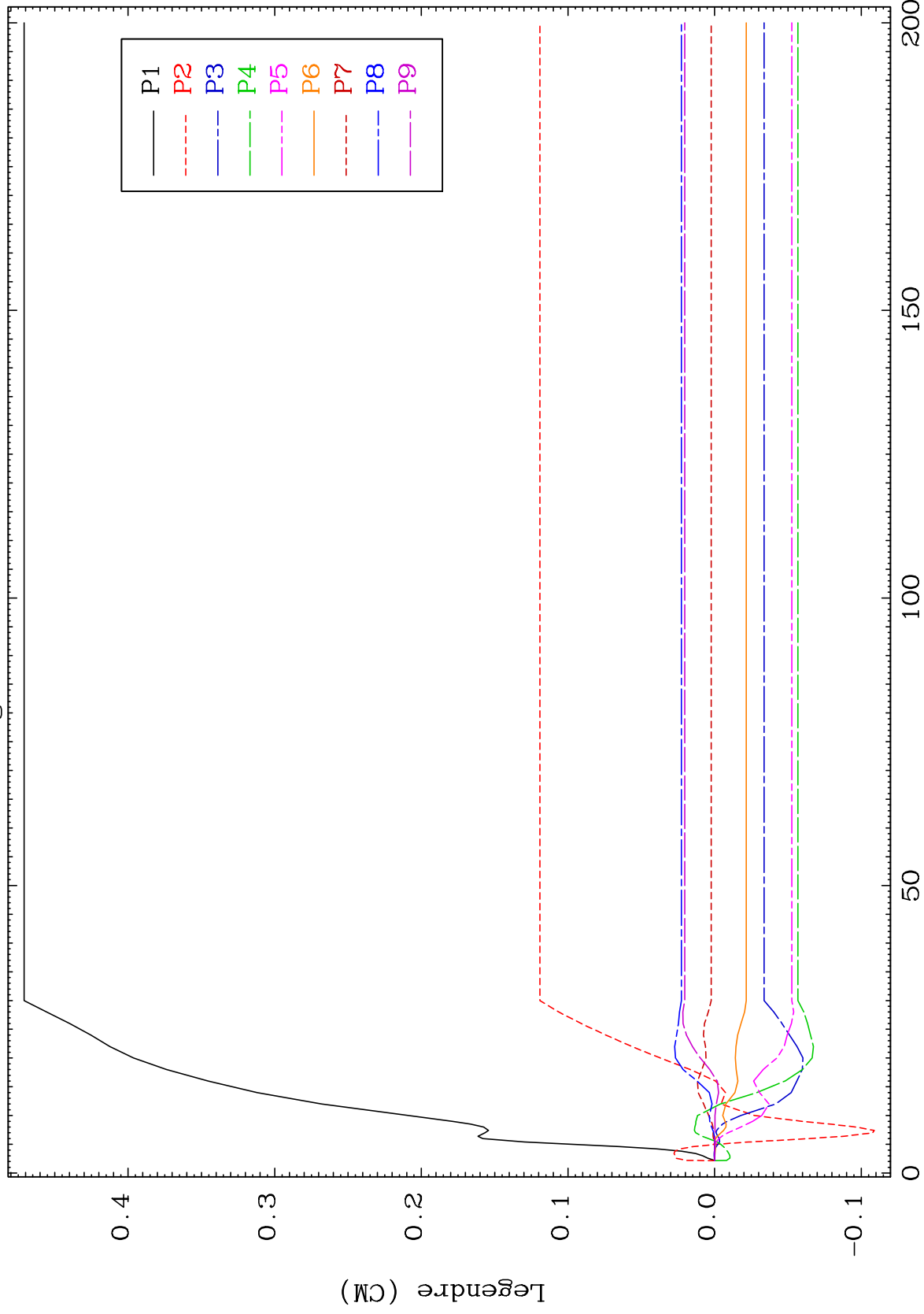
84-Po-200



MAT 8407

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

84-Po-200



74

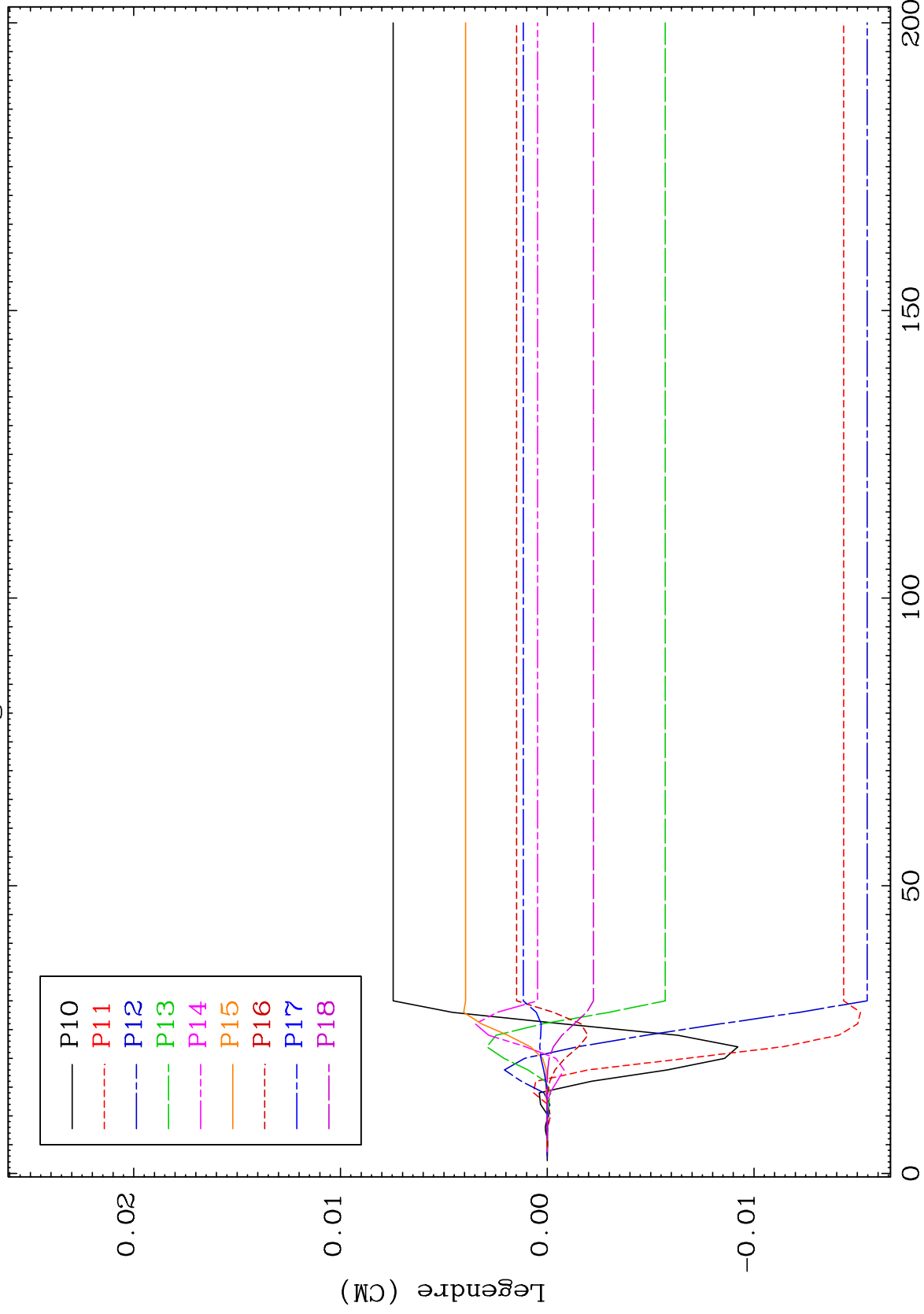
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



75

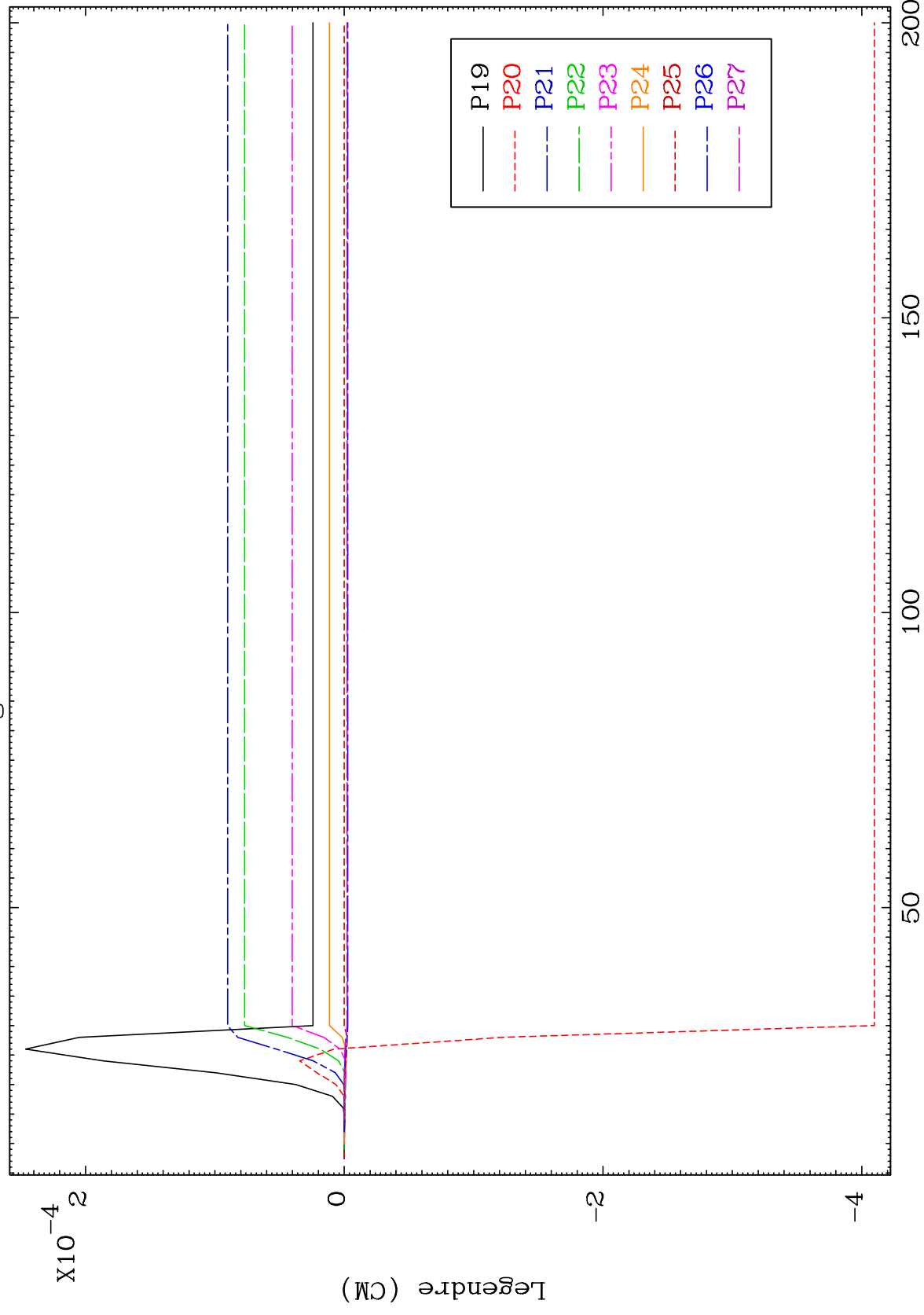
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



76

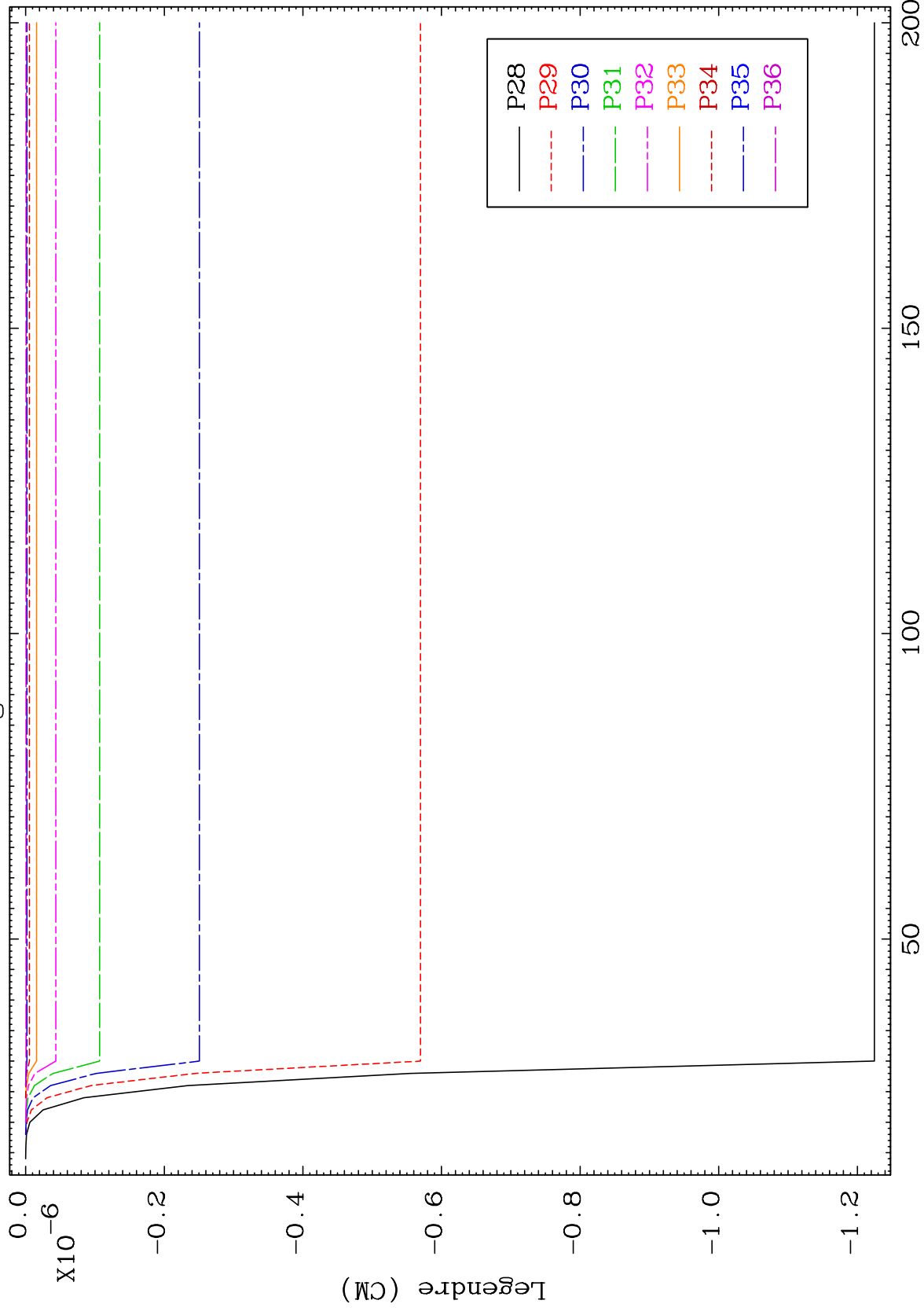
Incident Energy (MeV)

84-Po-200

MAT 8407

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

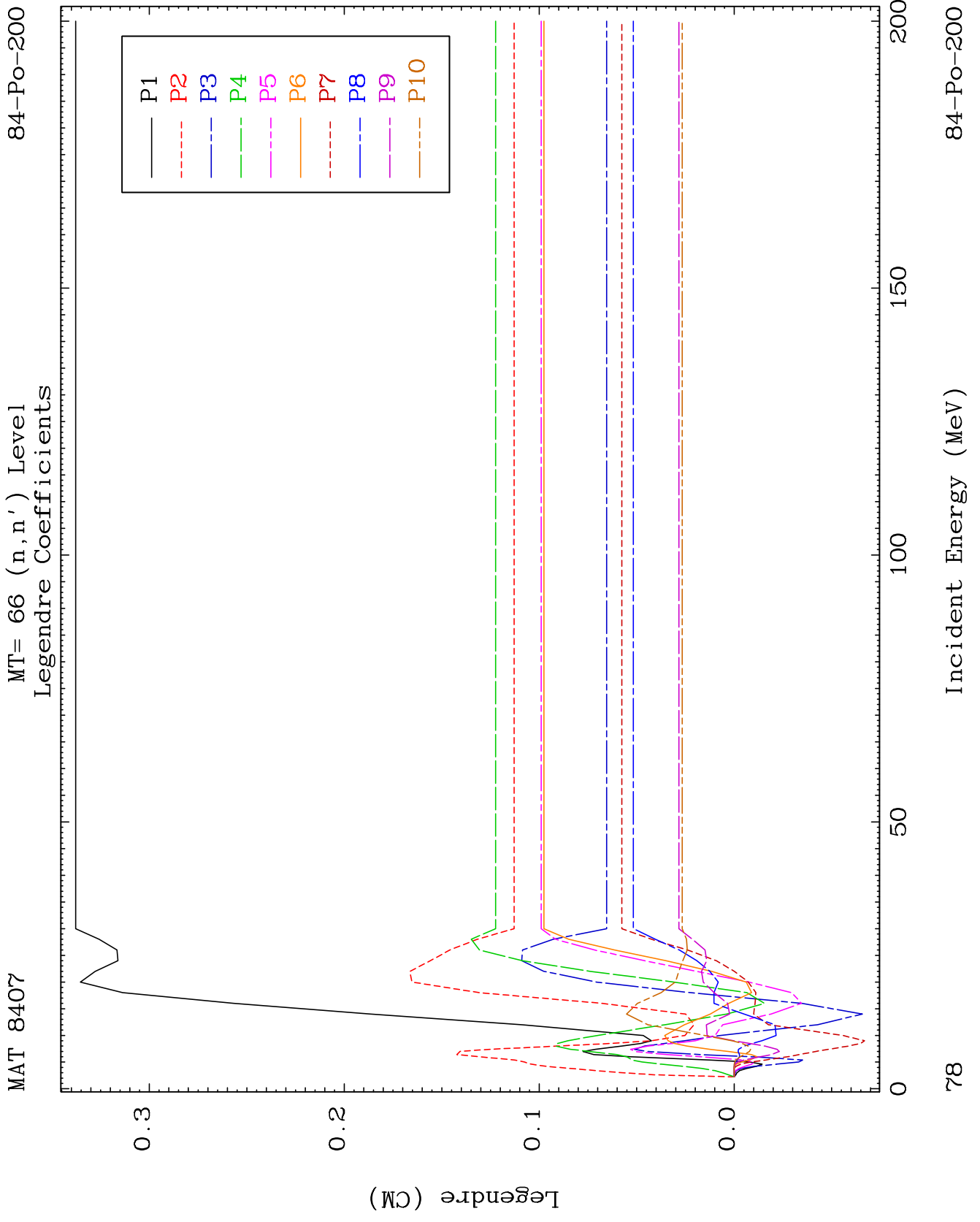
84-Po-200



77

Incident Energy (MeV)

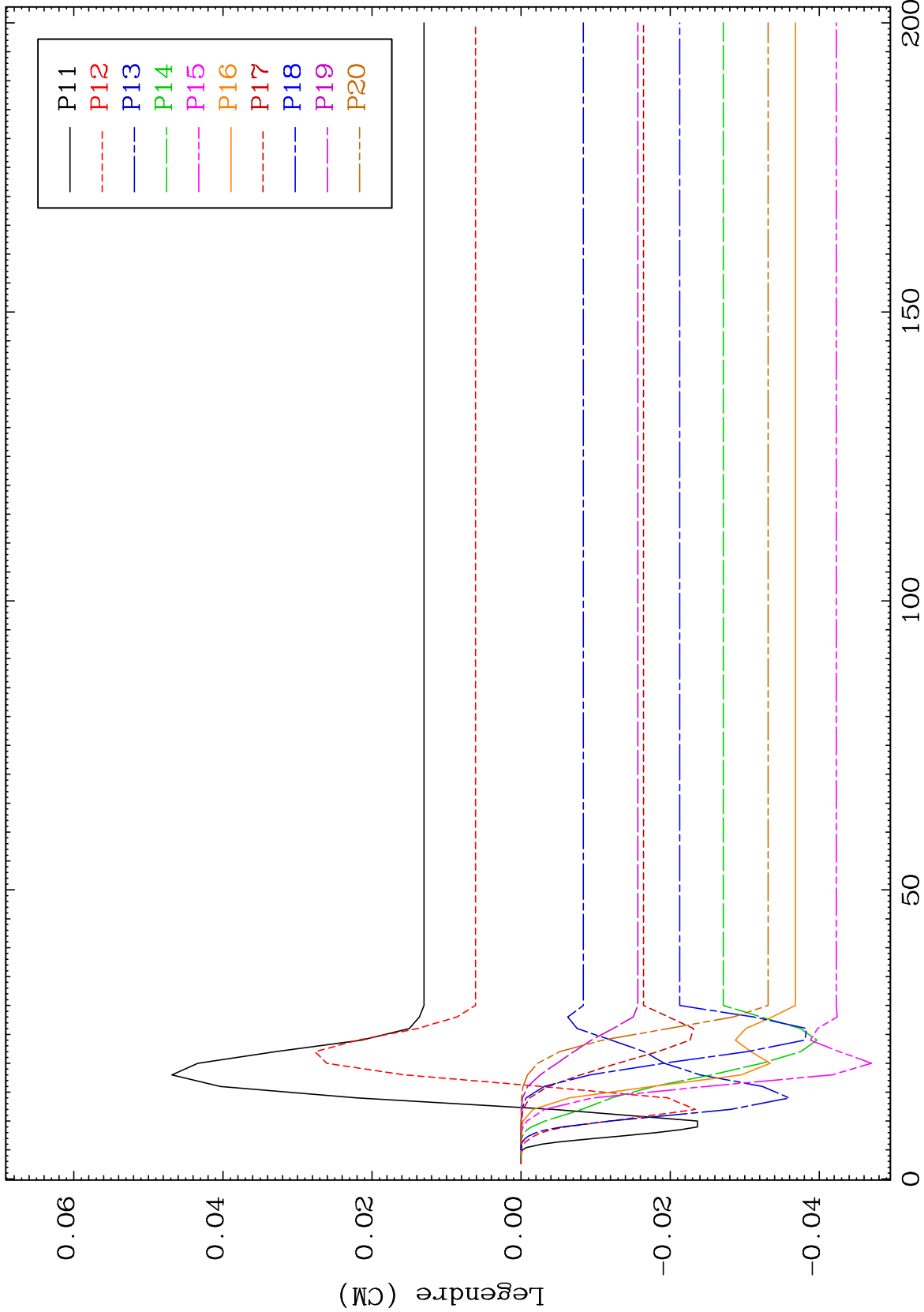
84-Po-200



MAT 8407

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

84-Po-200



79

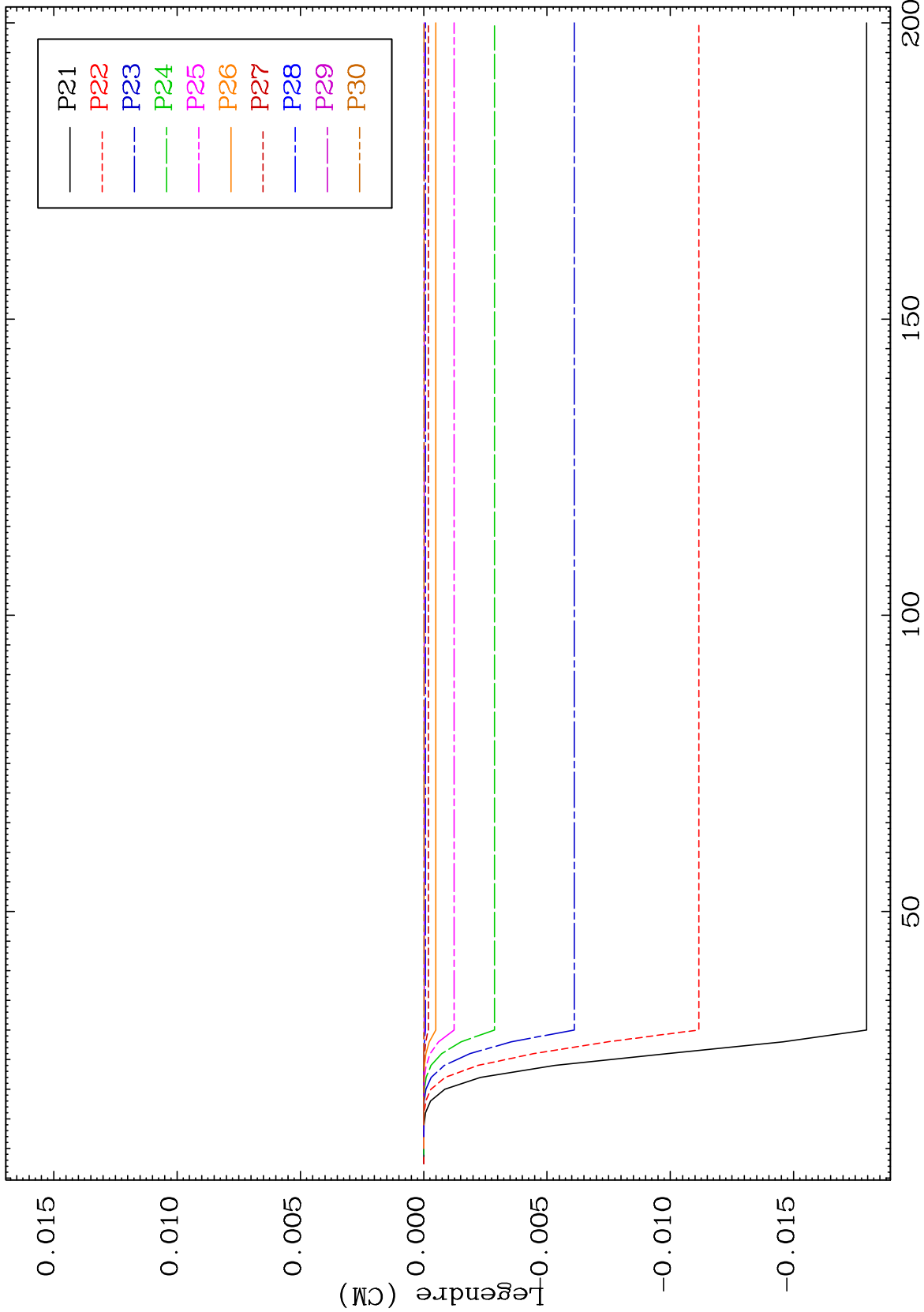
Incident Energy (MeV)

84-Po-200

MAT 8407

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

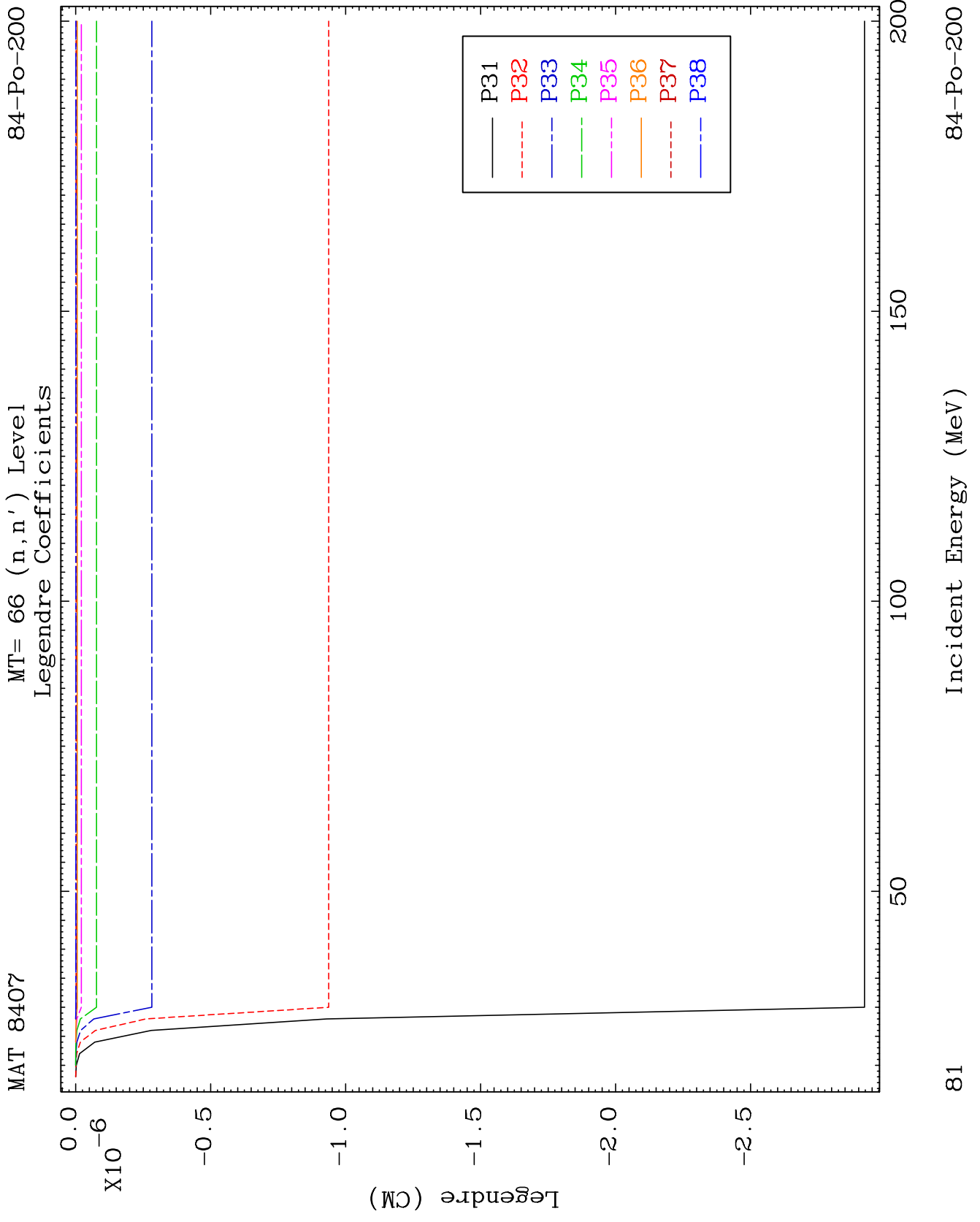
84-Po-200



80

Incident Energy (MeV)

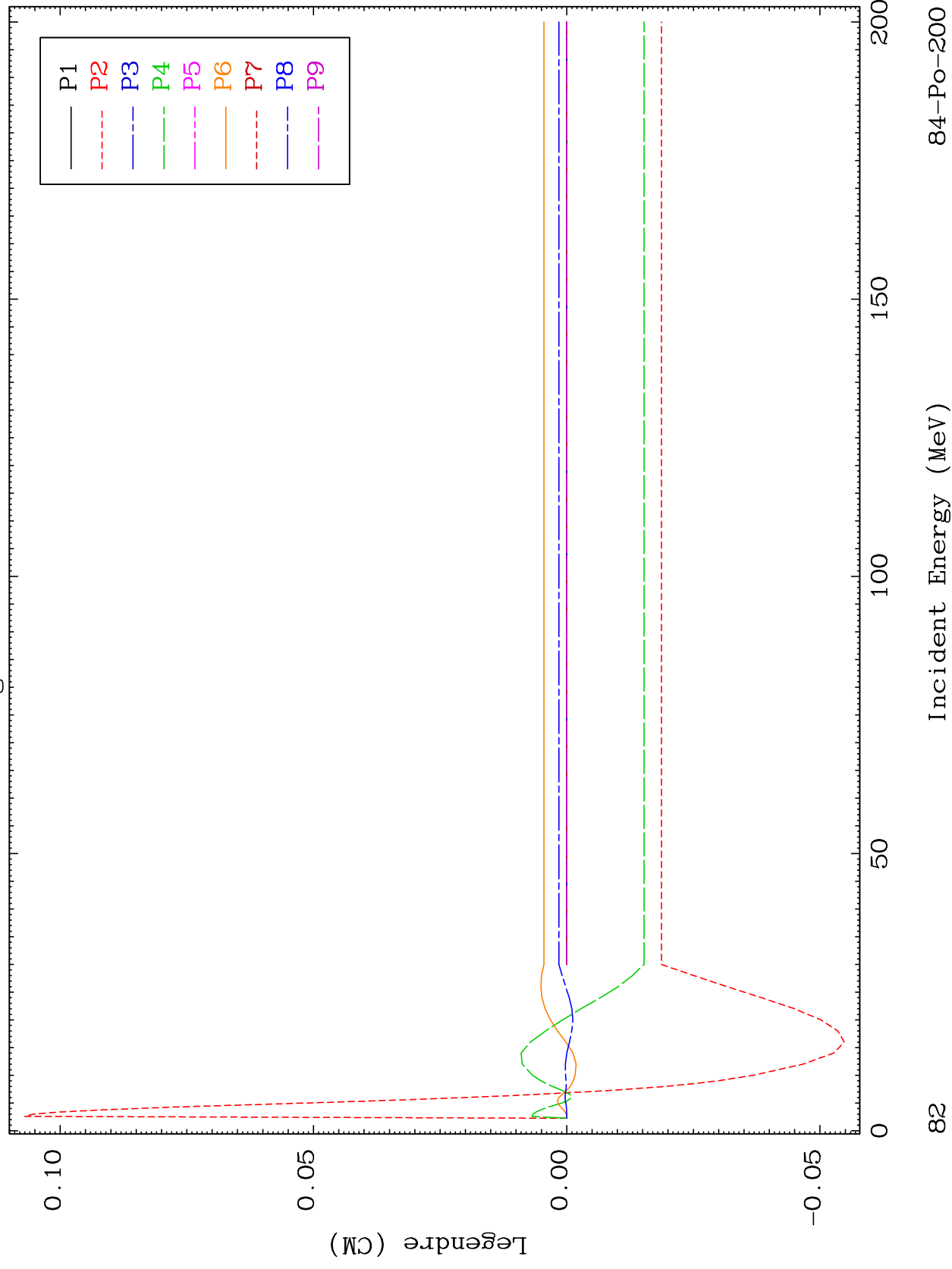
84-Po-200



MAT 8407

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

84-Po-200



84-Po-200

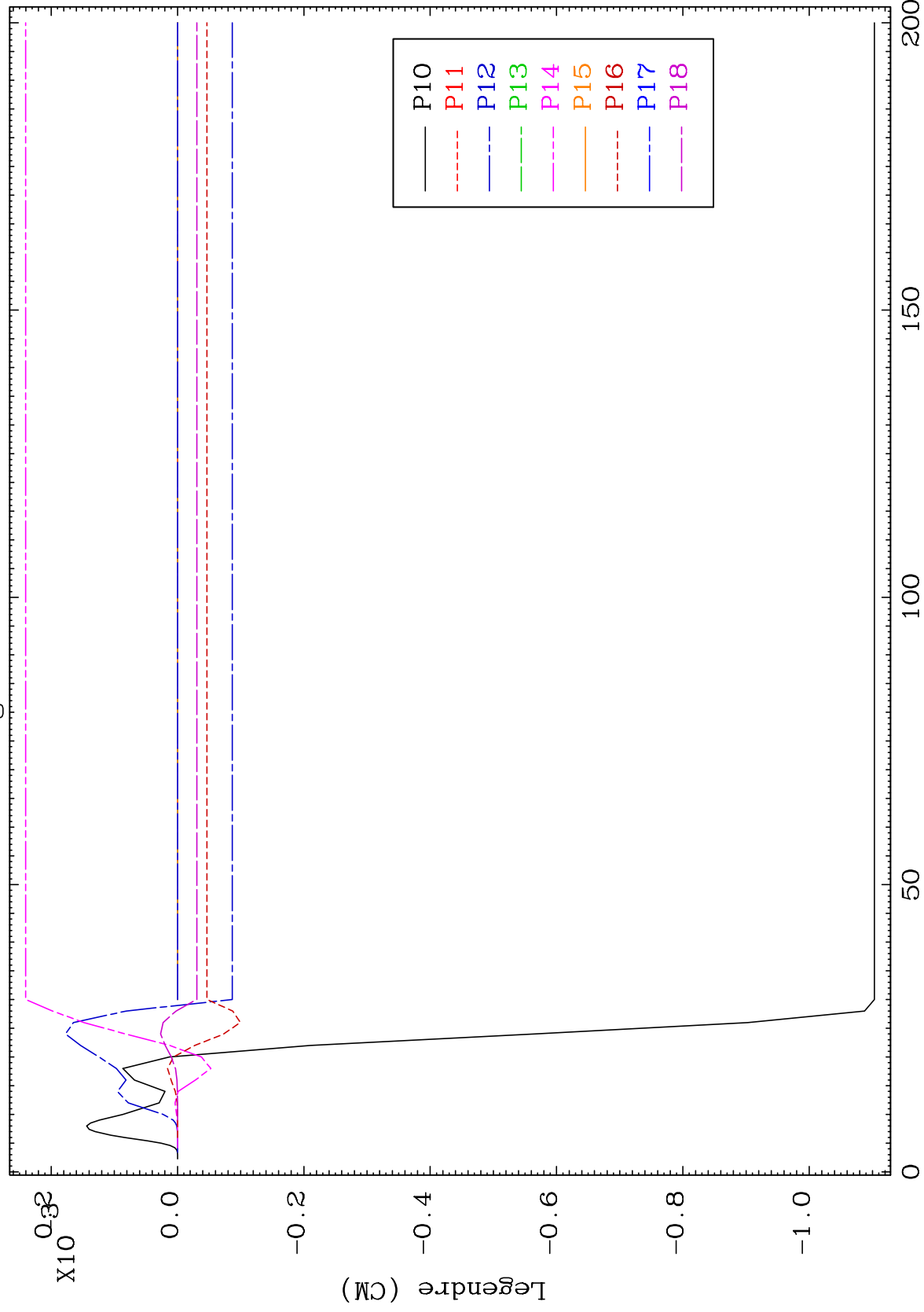
Incident Energy (MeV)

82

MAT 8407

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

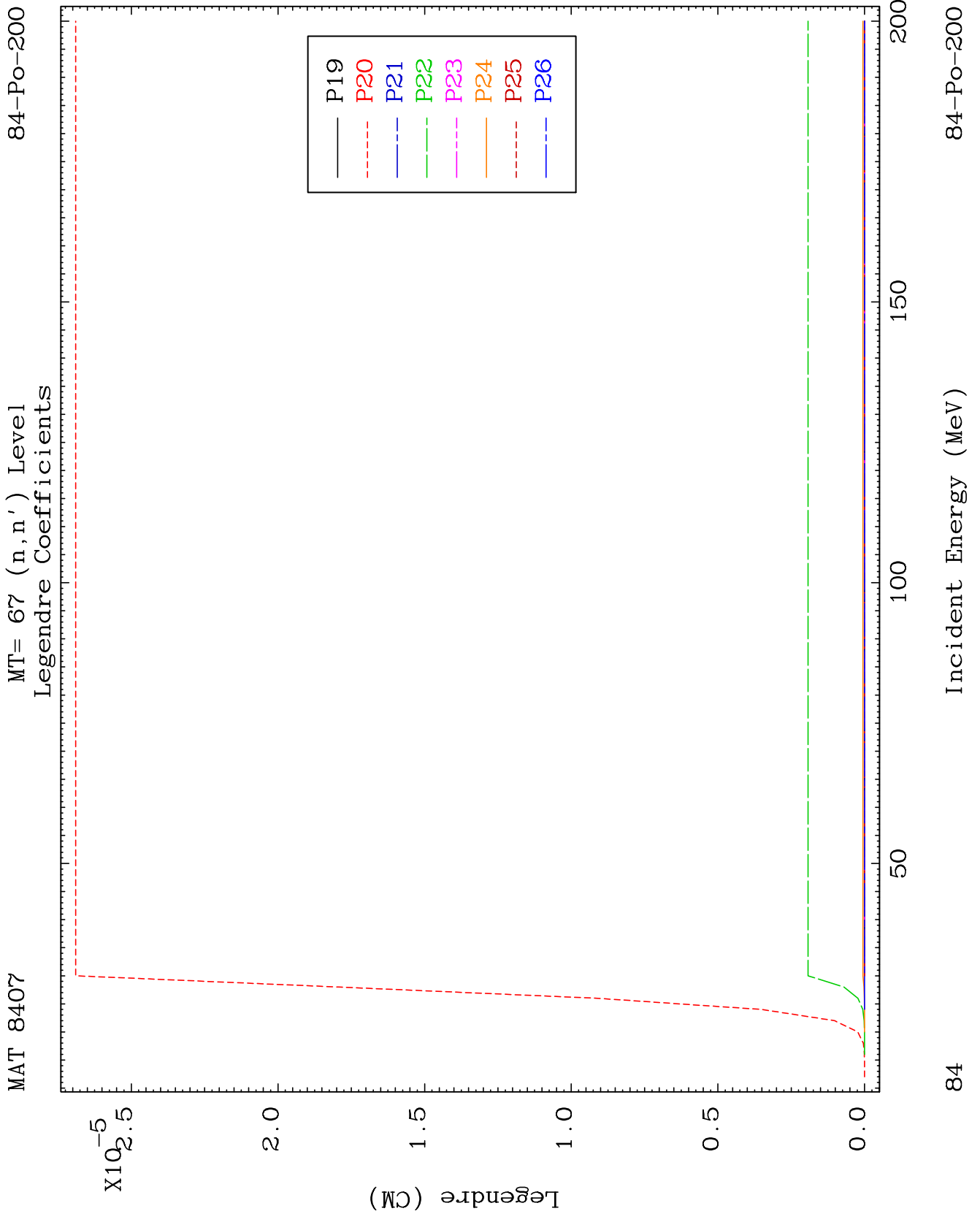
84-Po-200



83

Incident Energy (MeV)

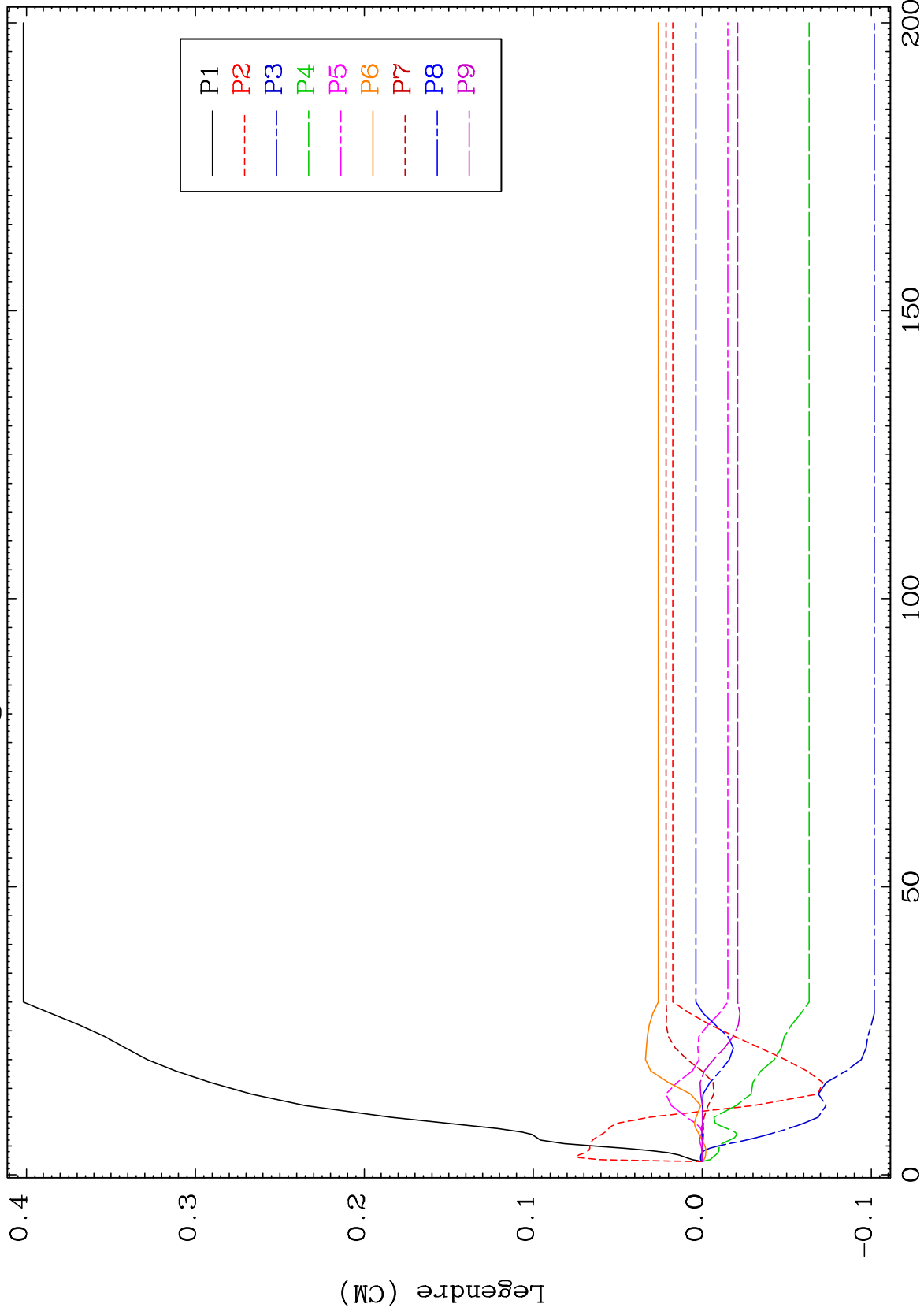
84-Po-200



MAT 8407

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

84-Po-200



85

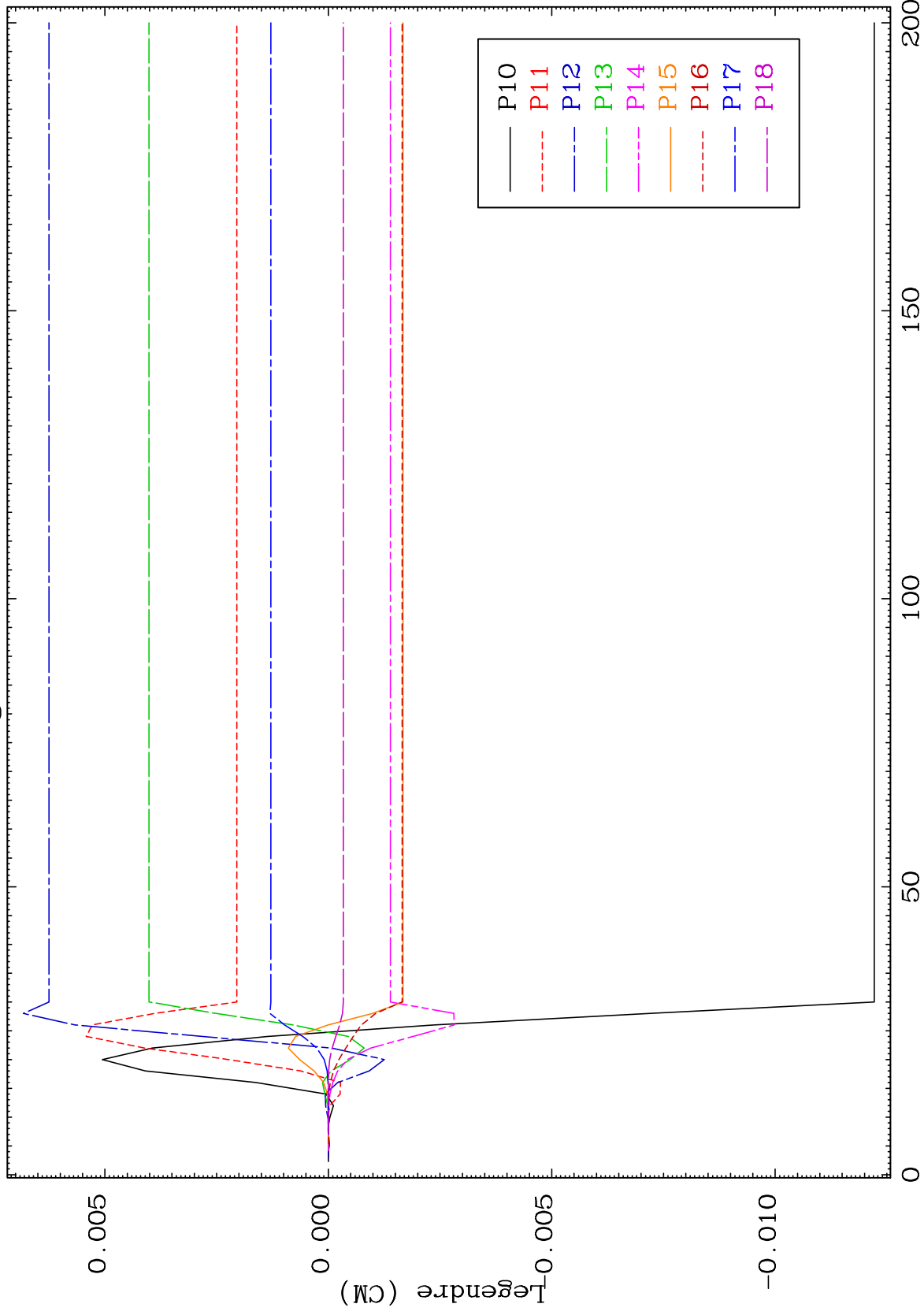
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



86

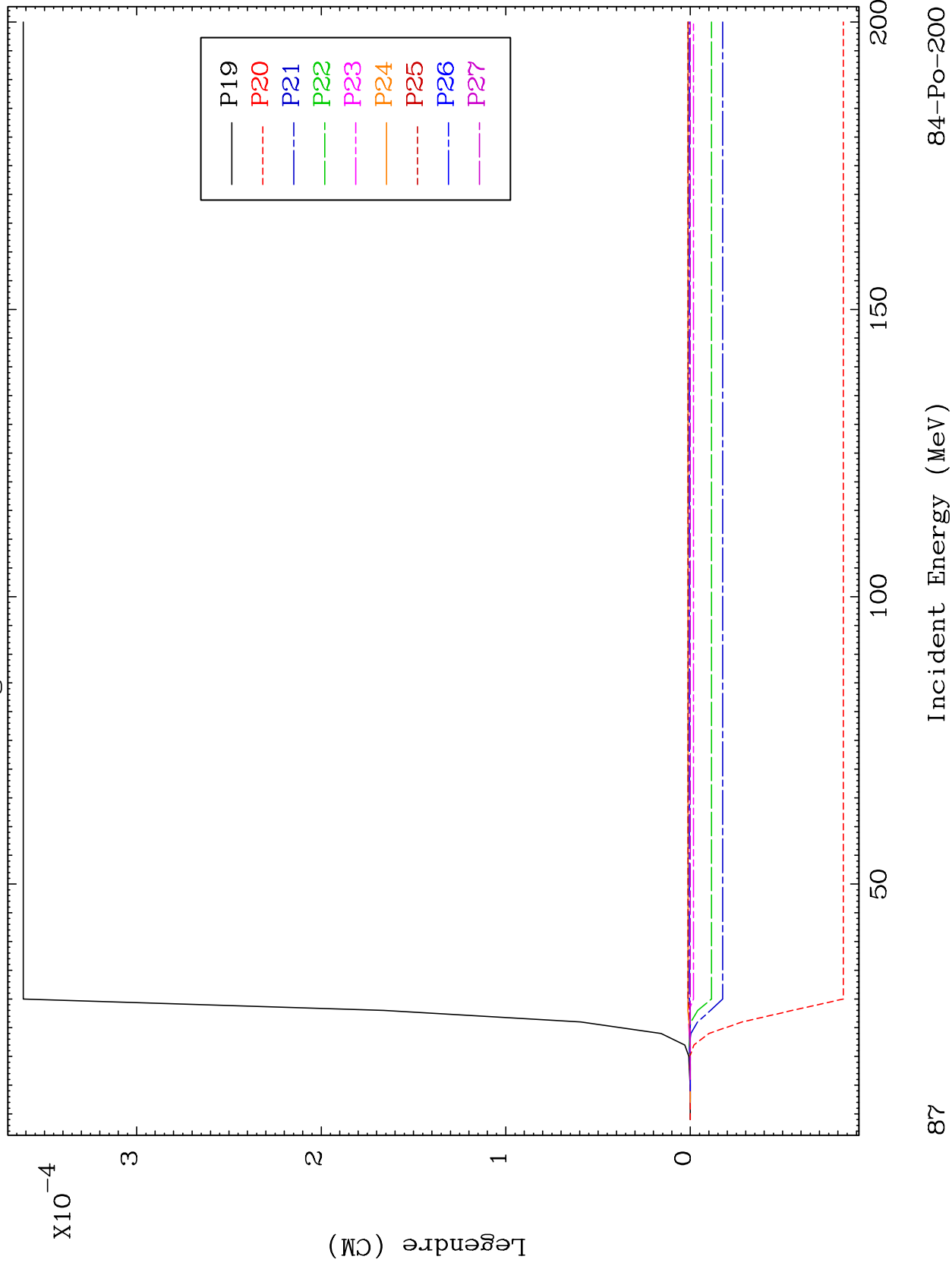
Incident Energy (MeV)

84-Po-200

MAT 8407

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

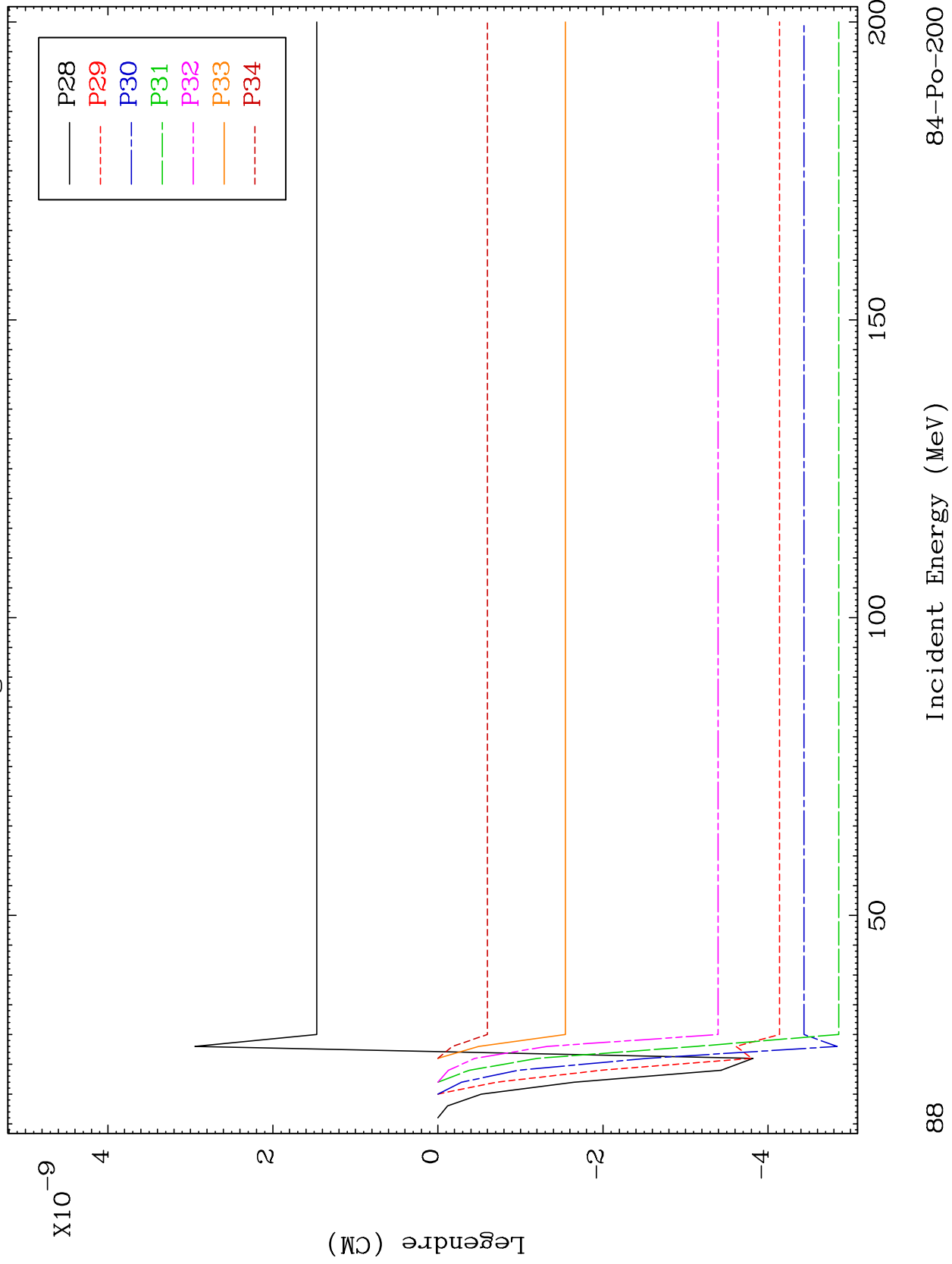
84-Po-200



MAT 8407

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

84-Po-200



88

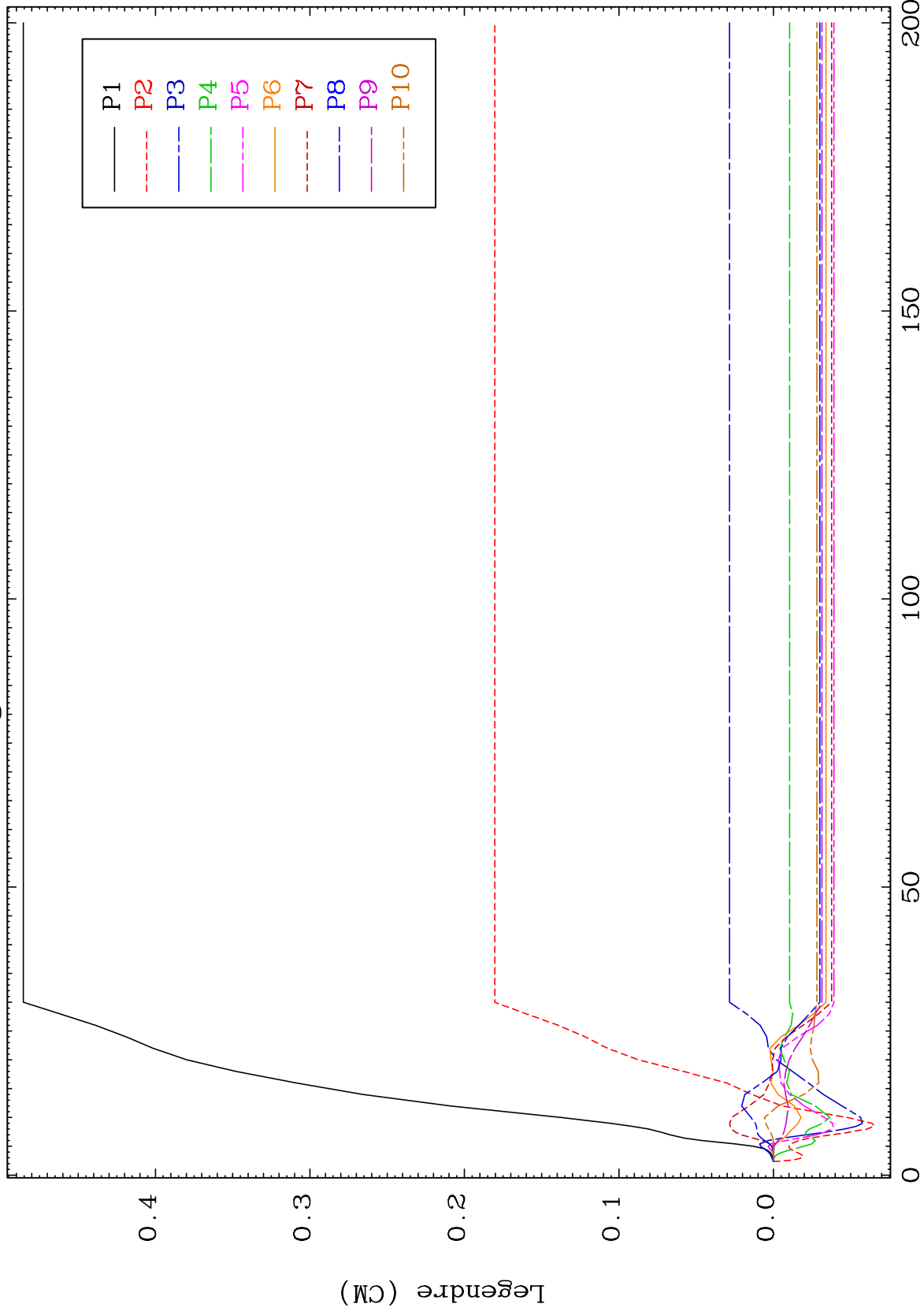
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



89

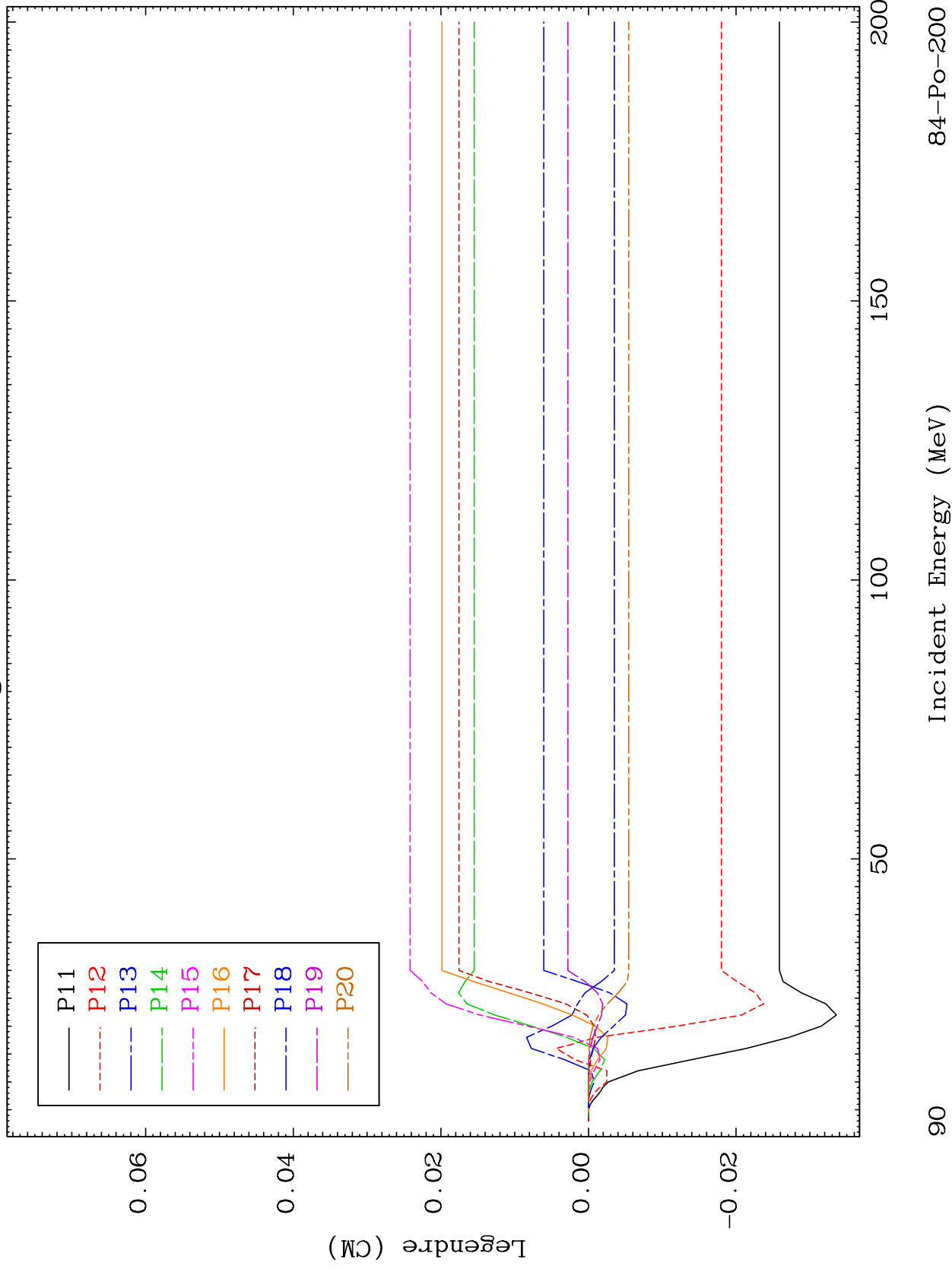
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



90

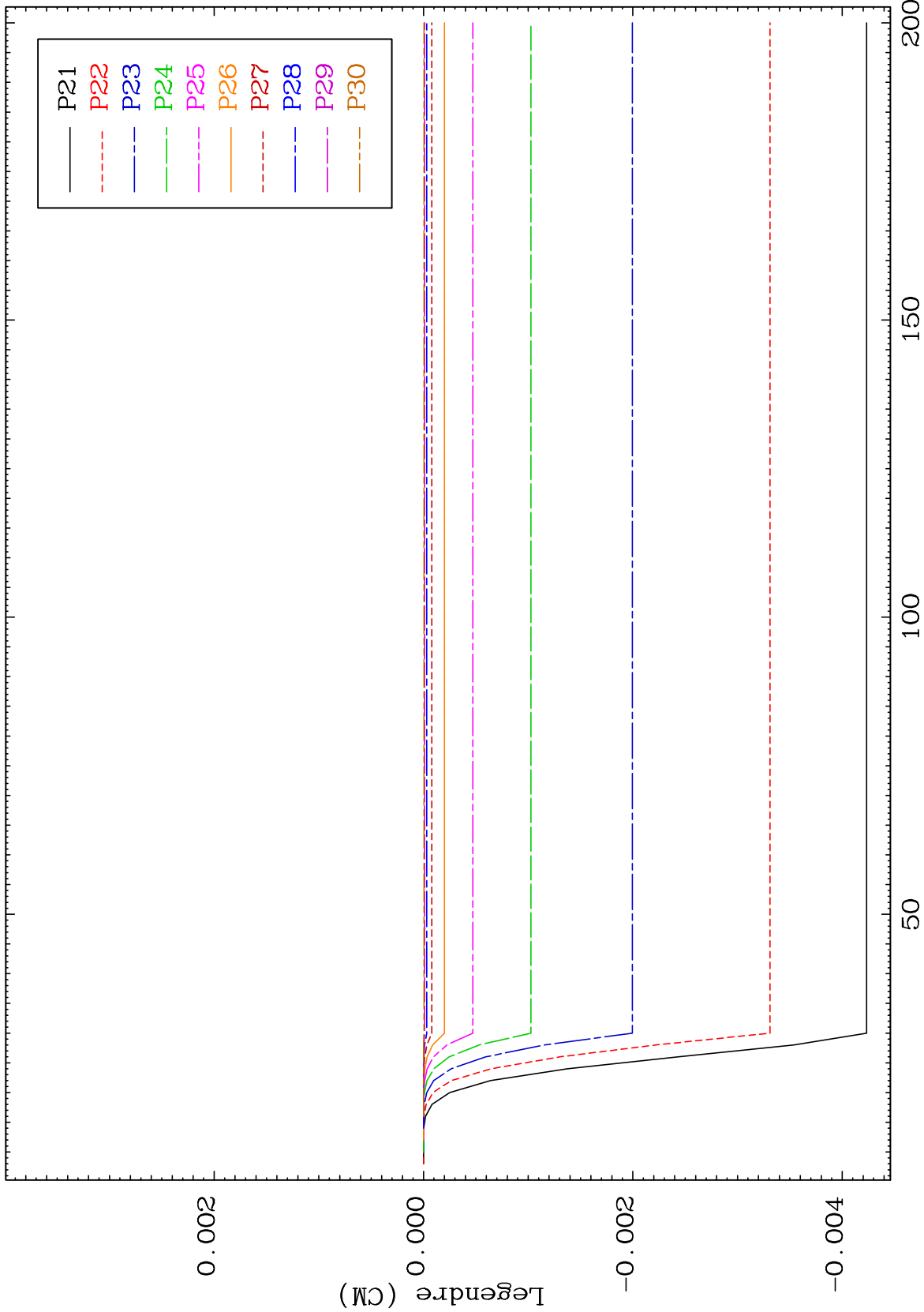
Incident Energy (MeV)

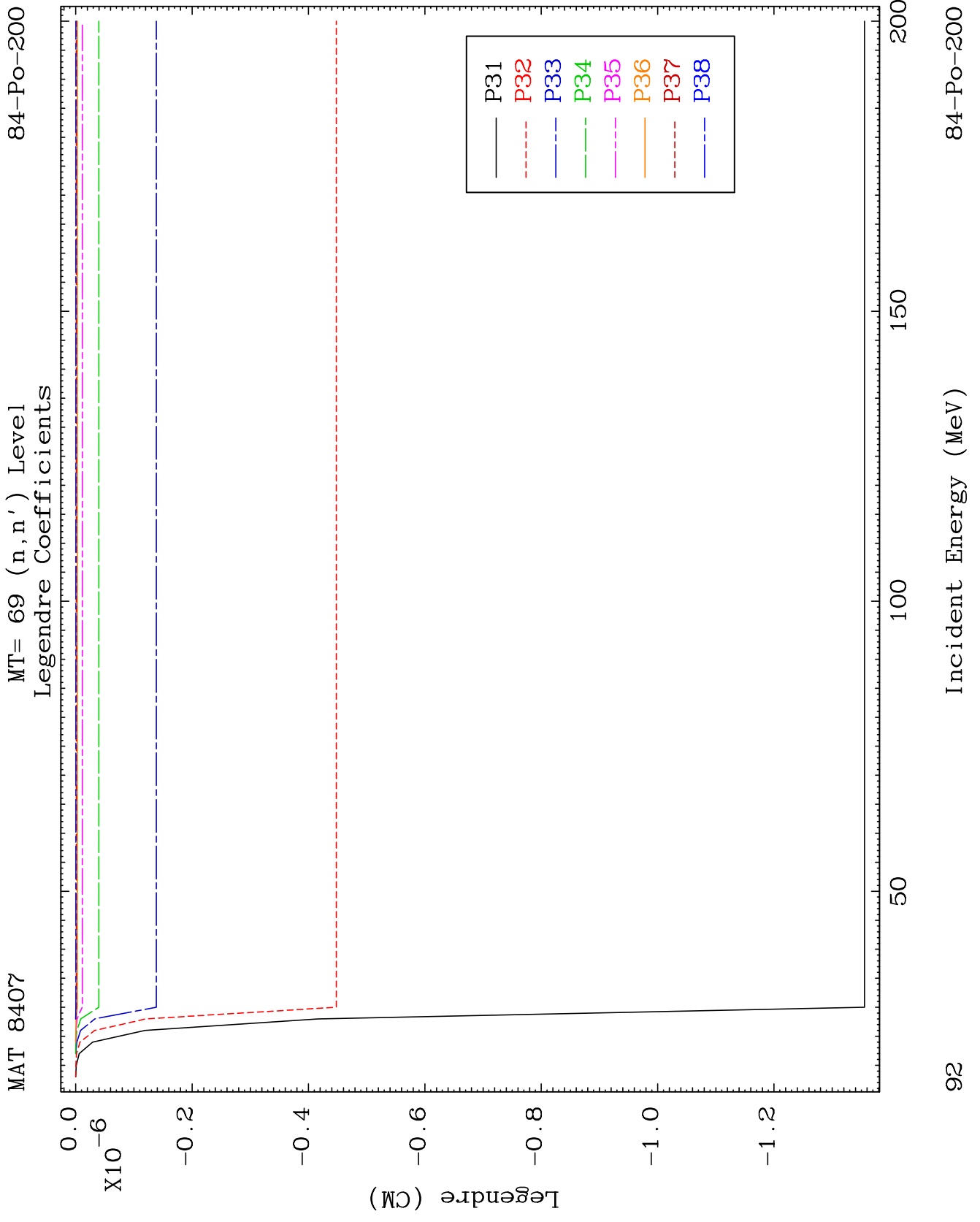
84-Po-200

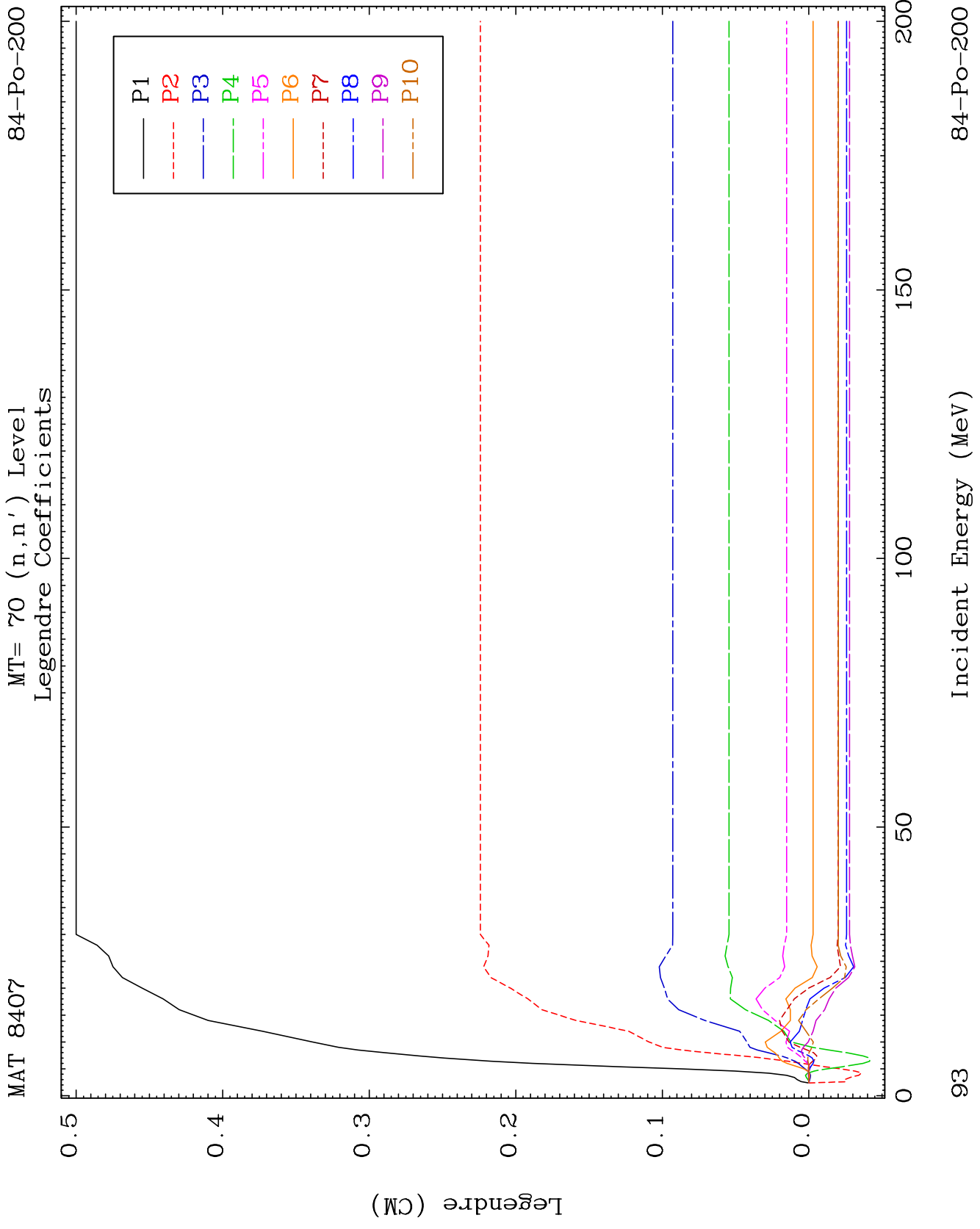
MAT 8407

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

84-Po-200



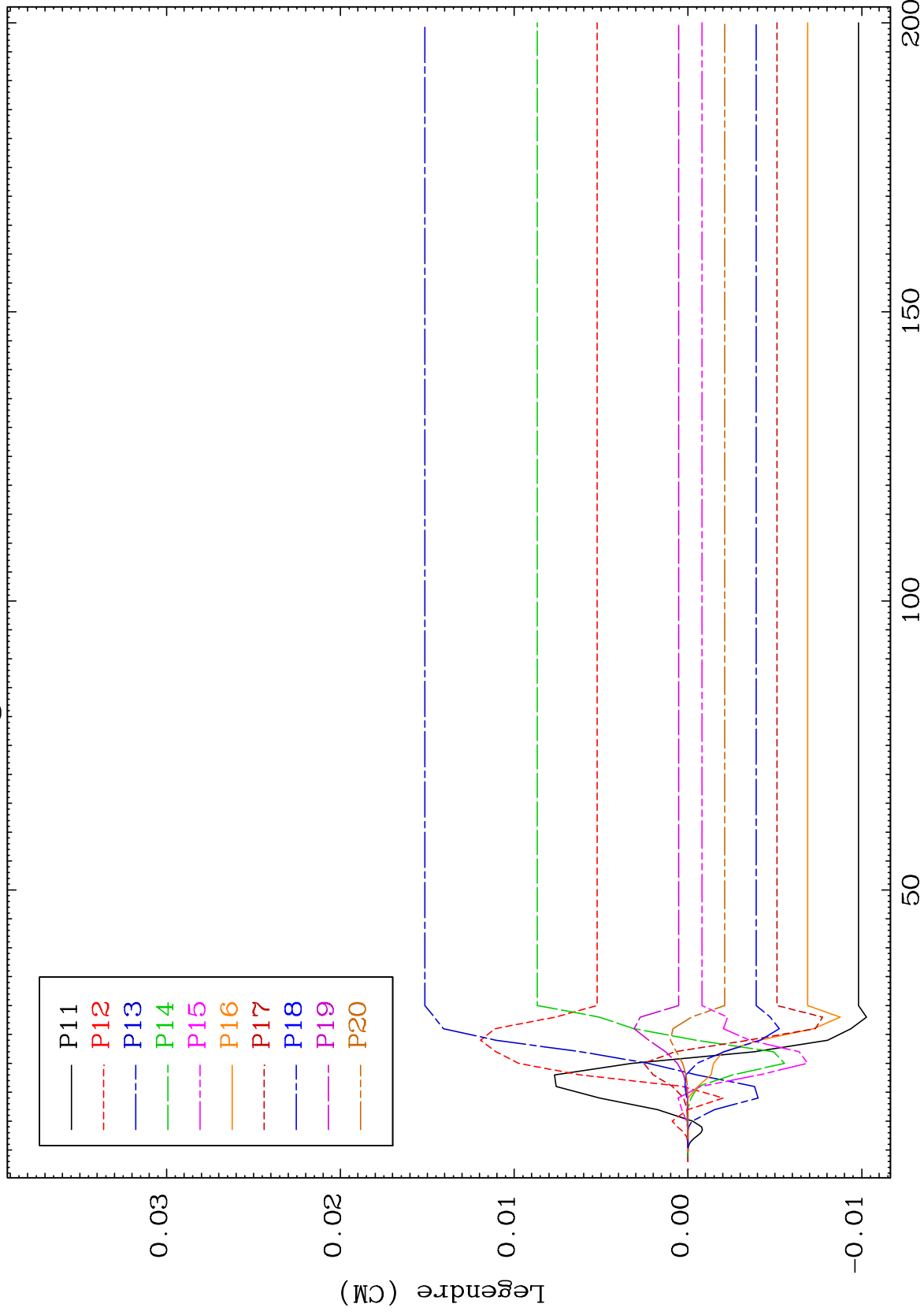




MAT 8407

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

84-Po-200



94

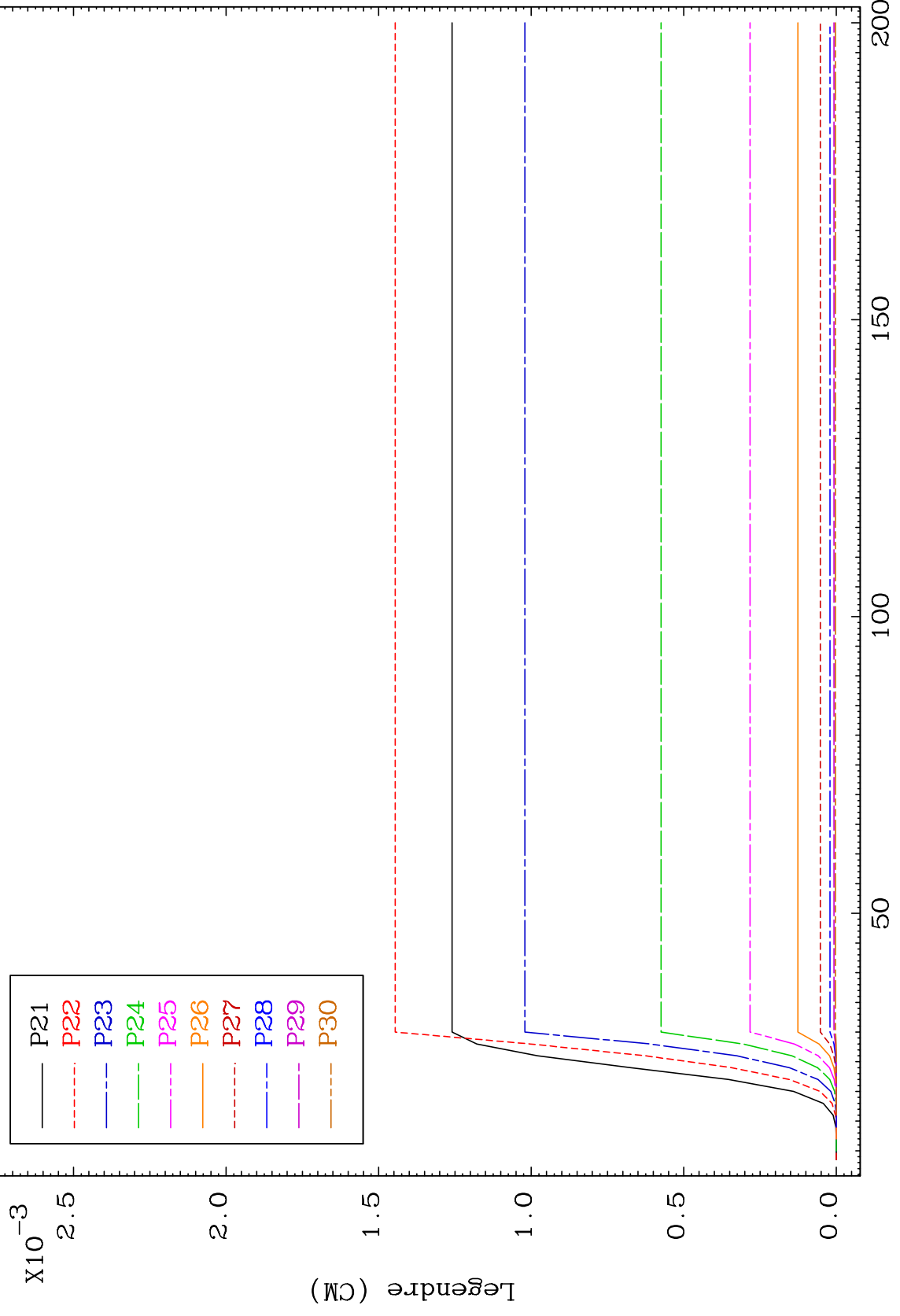
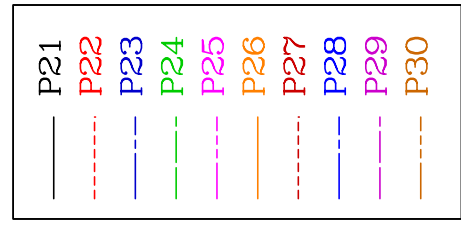
Incident Energy (MeV)

84-Po-200

MAT 8407

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

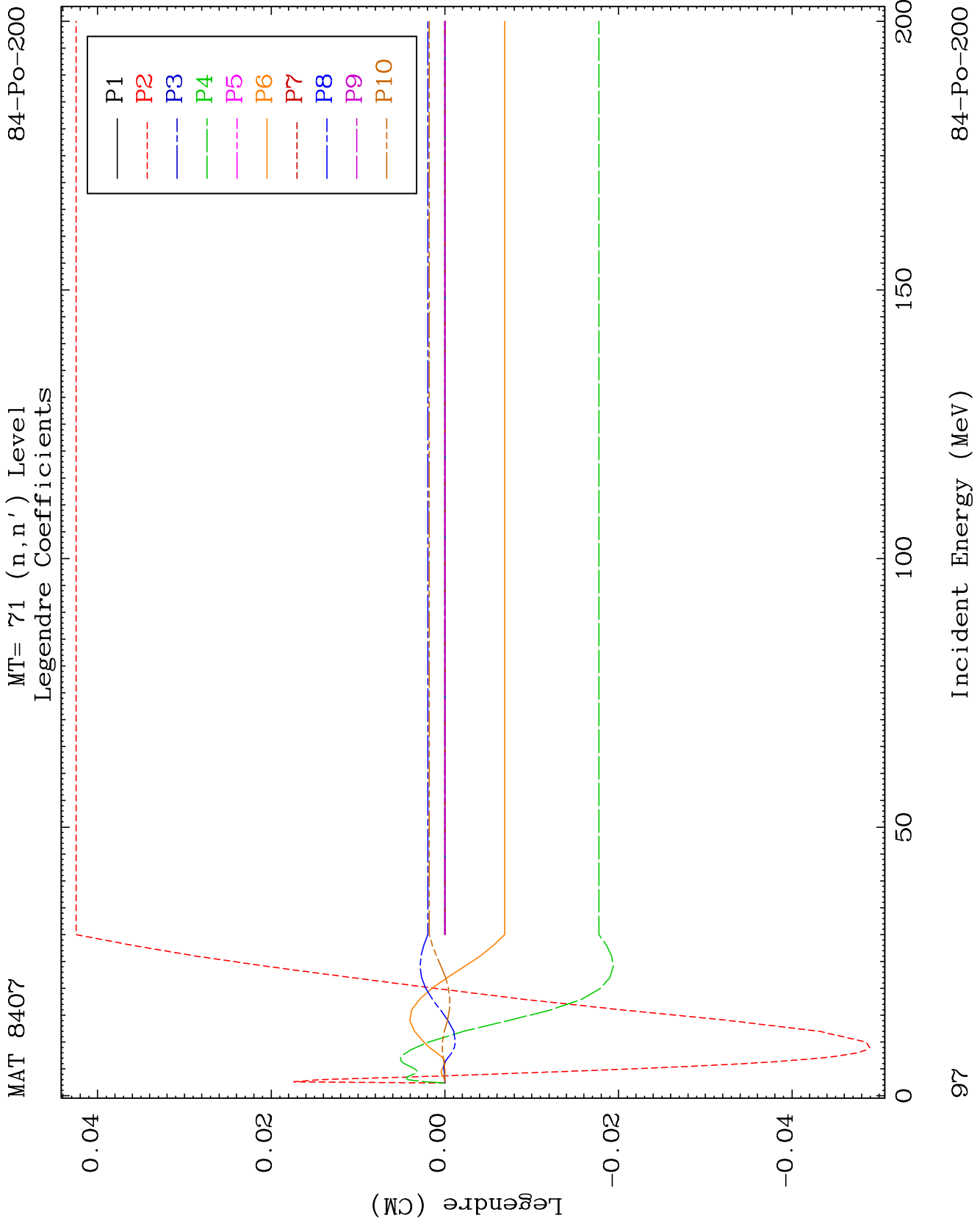
84-Po-200



95

Incident Energy (MeV)

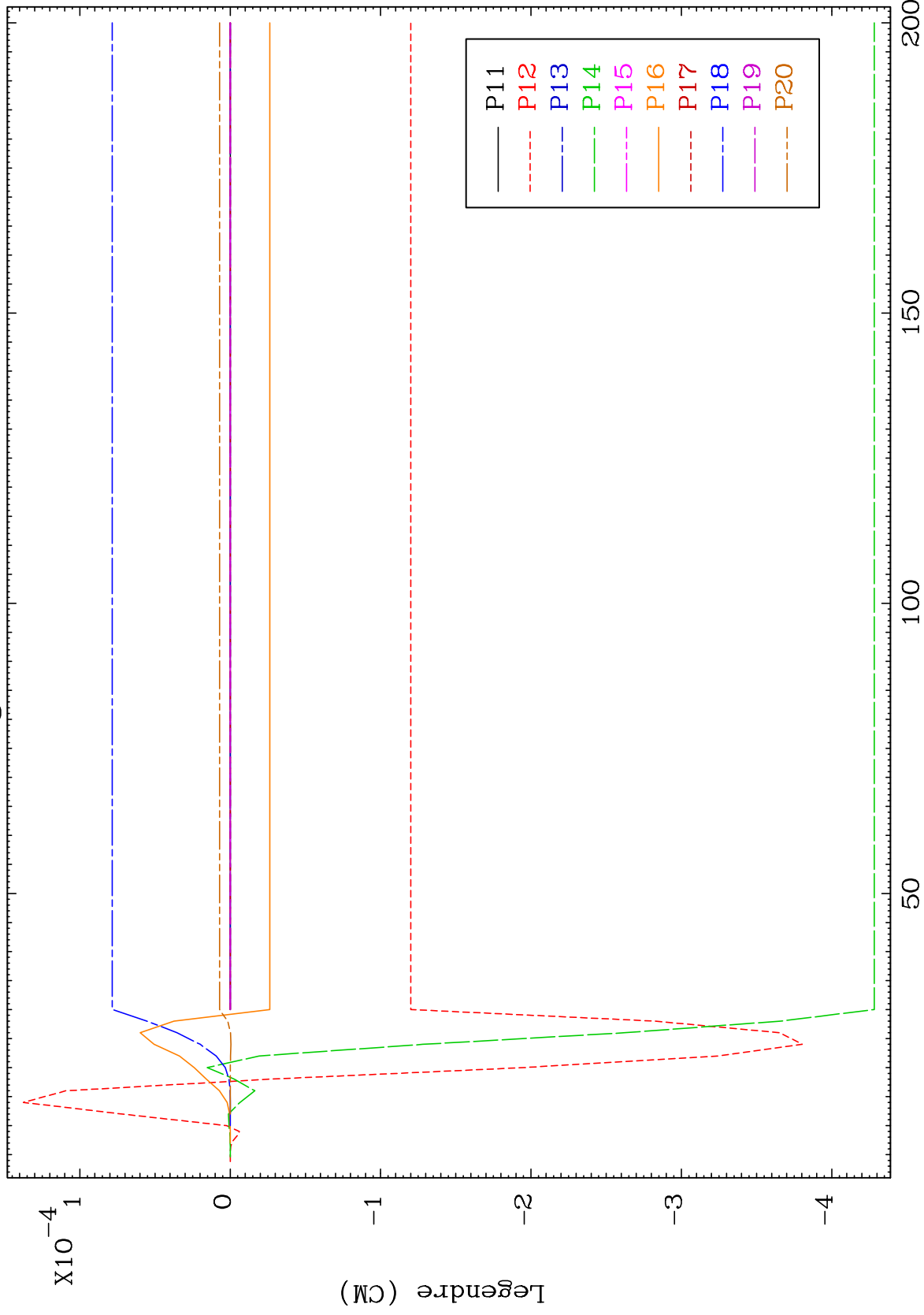
84-Po-200



MAT 8407

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

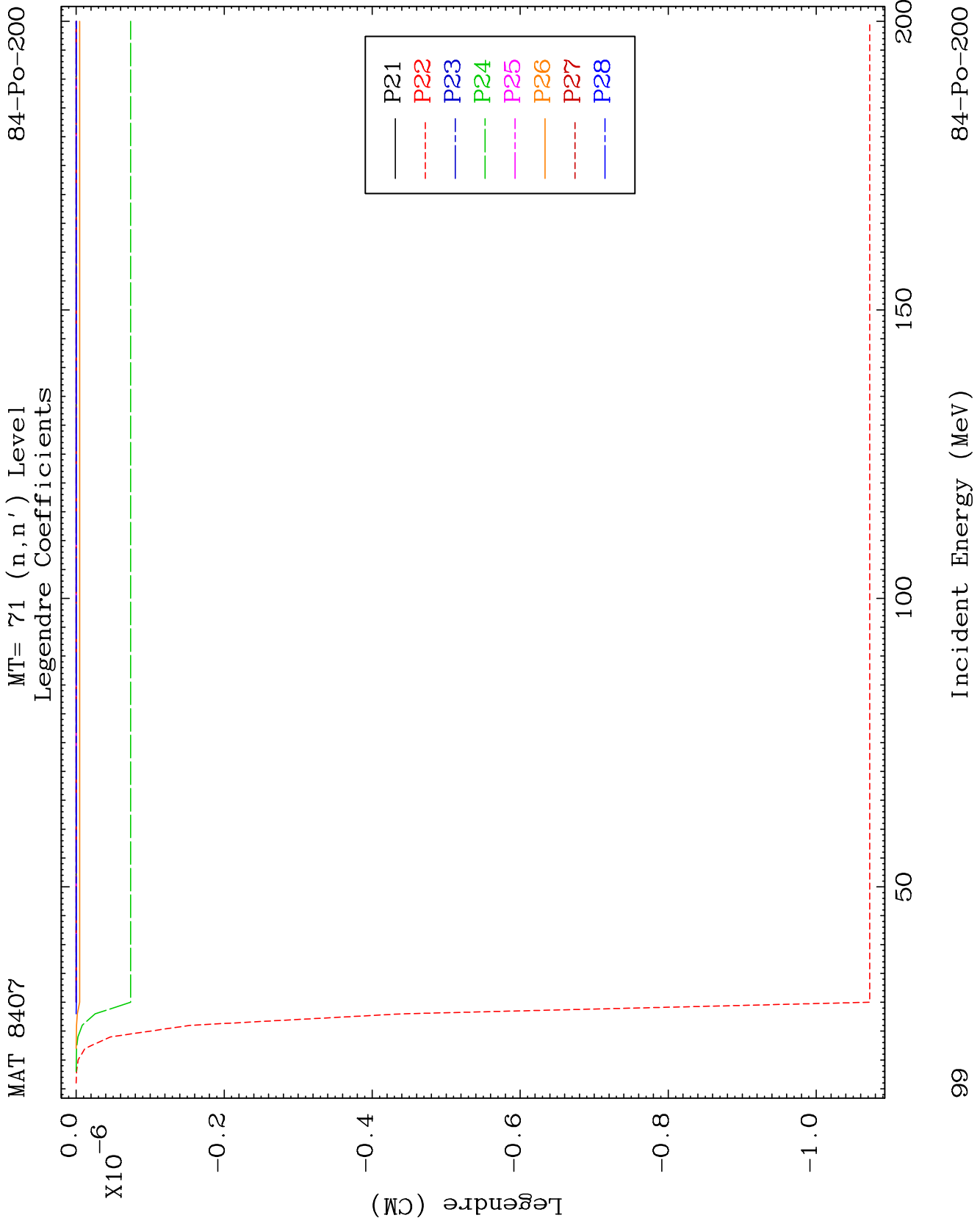
84-Po-200

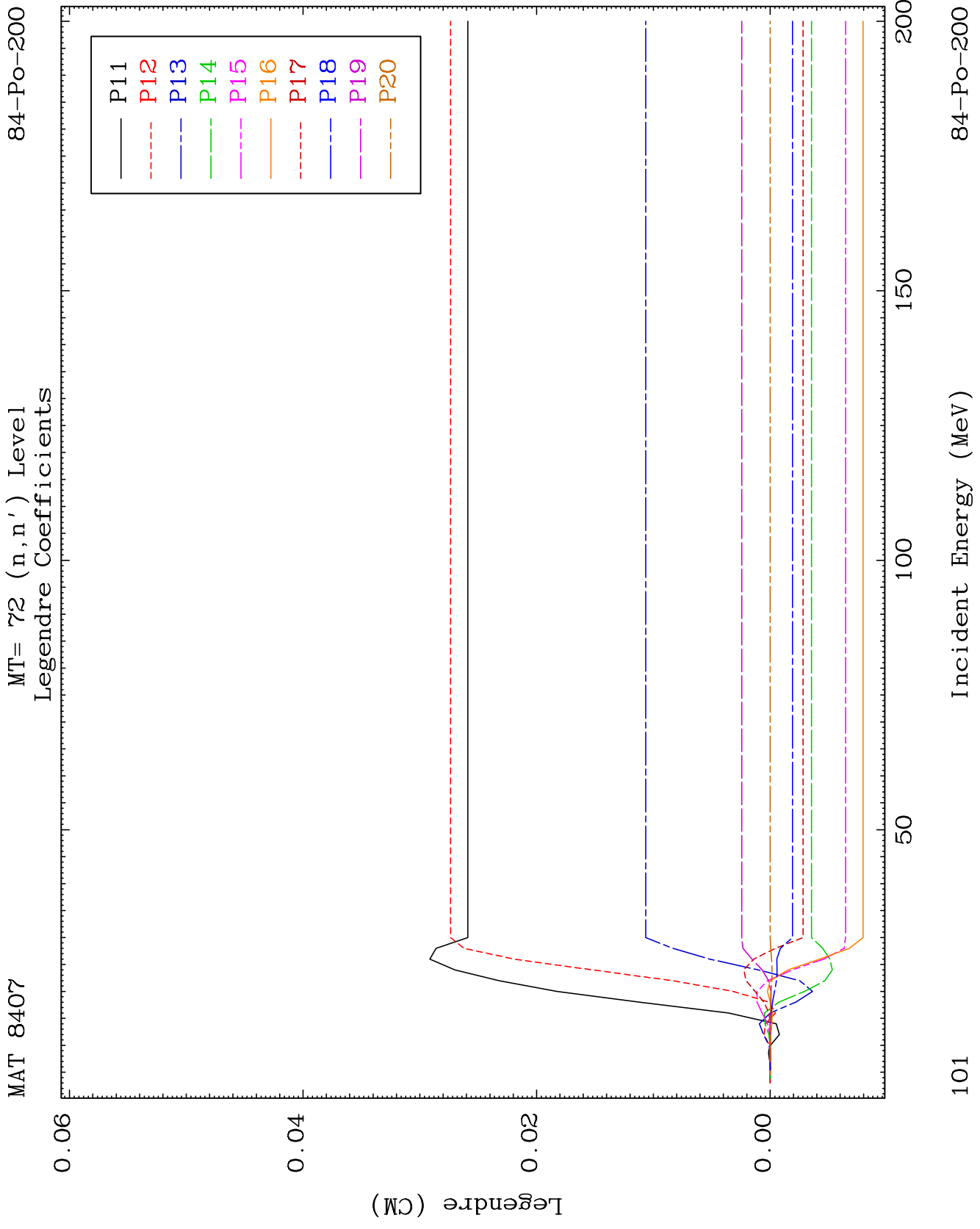


98

Incident Energy (MeV)

84-Po-200

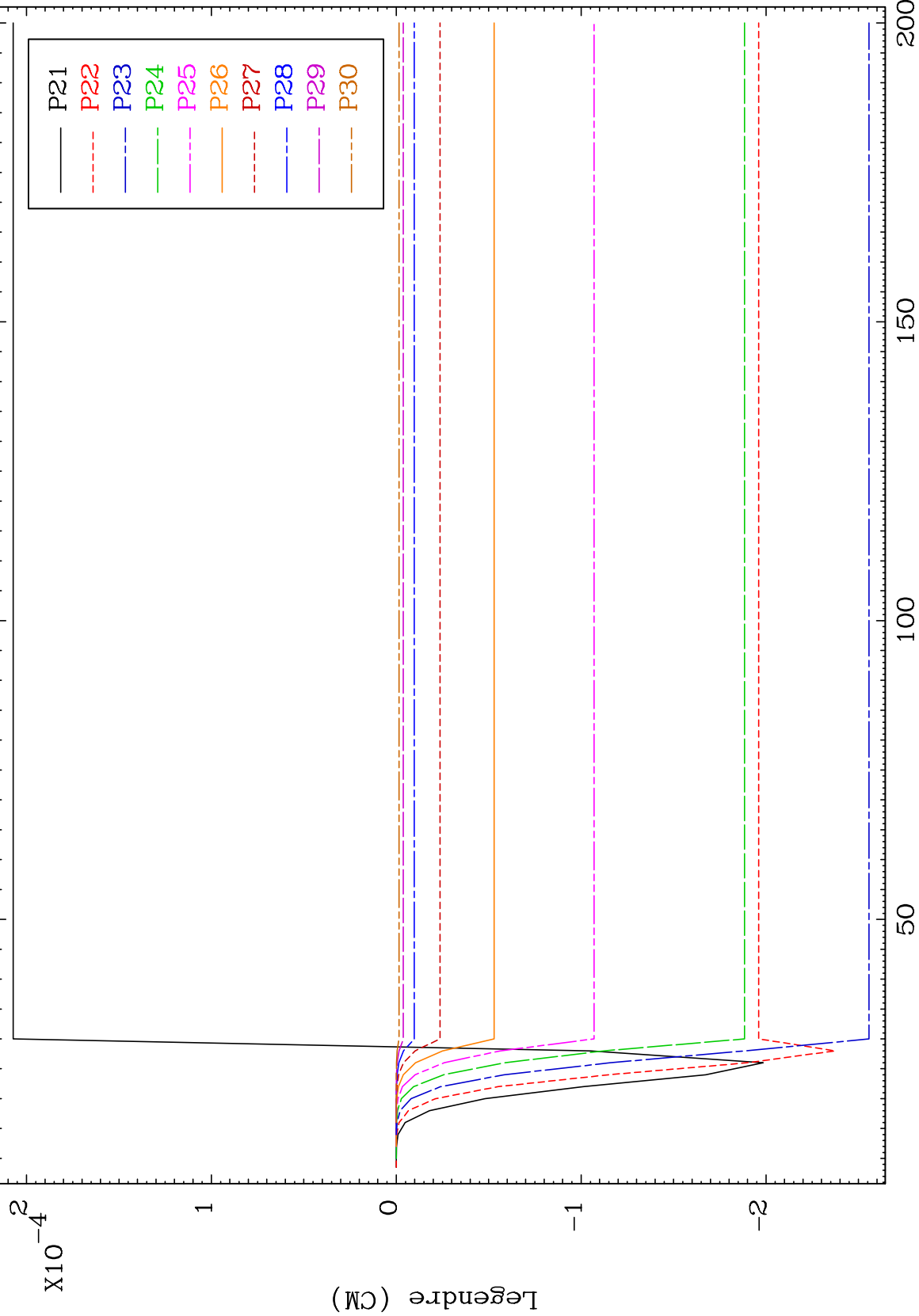




MAT 8407

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

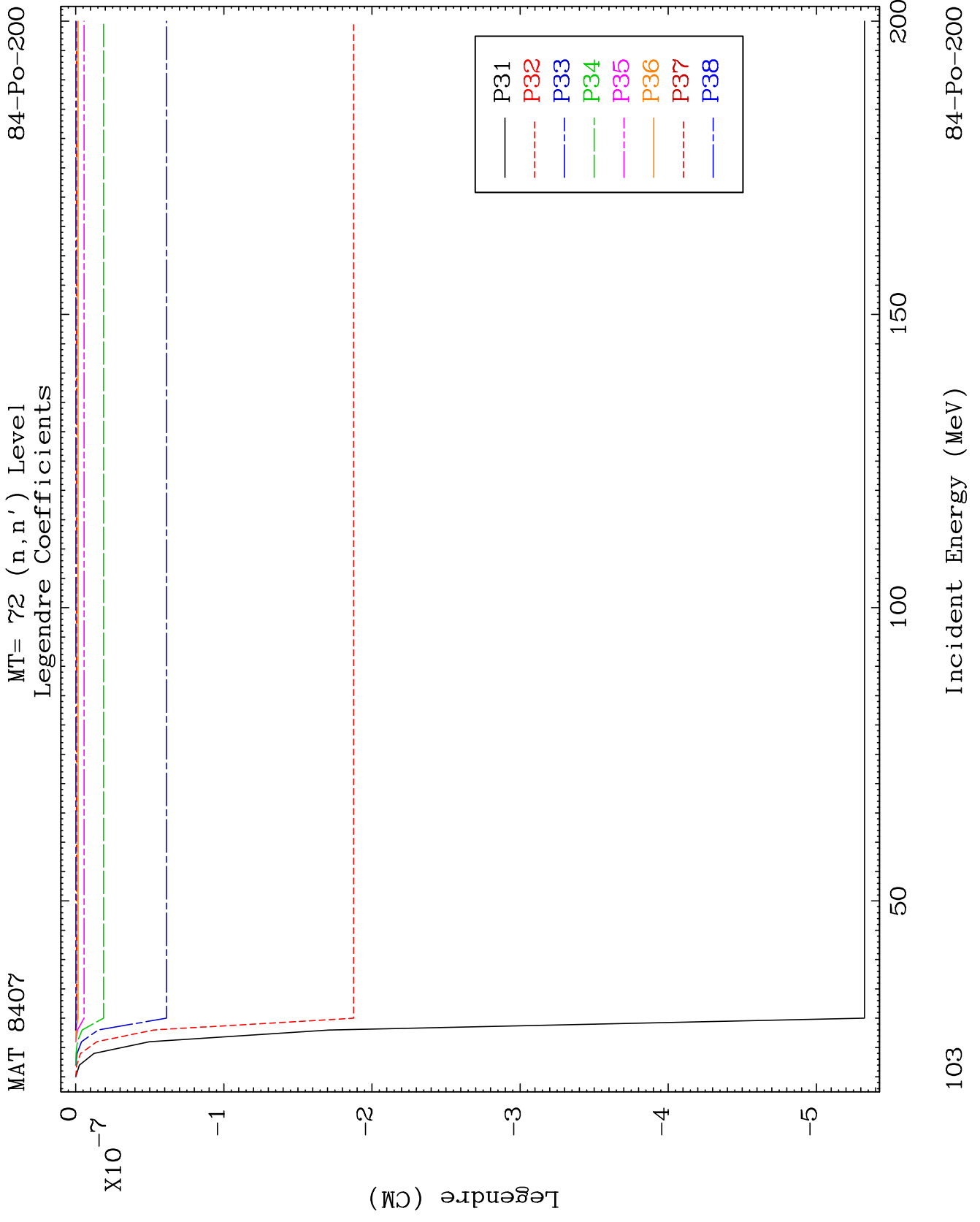
84-Po-200

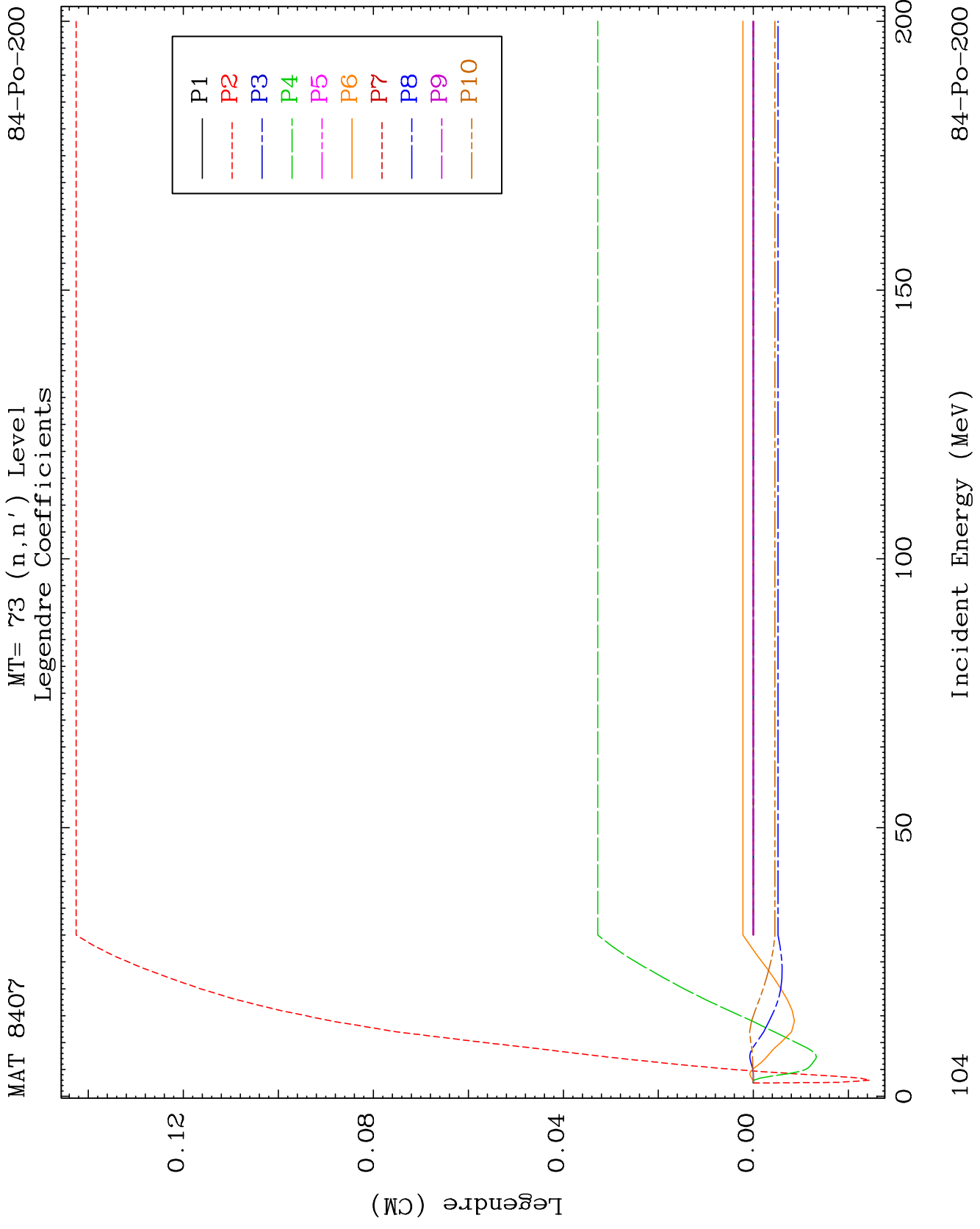


102

Incident Energy (MeV)

84-Po-200

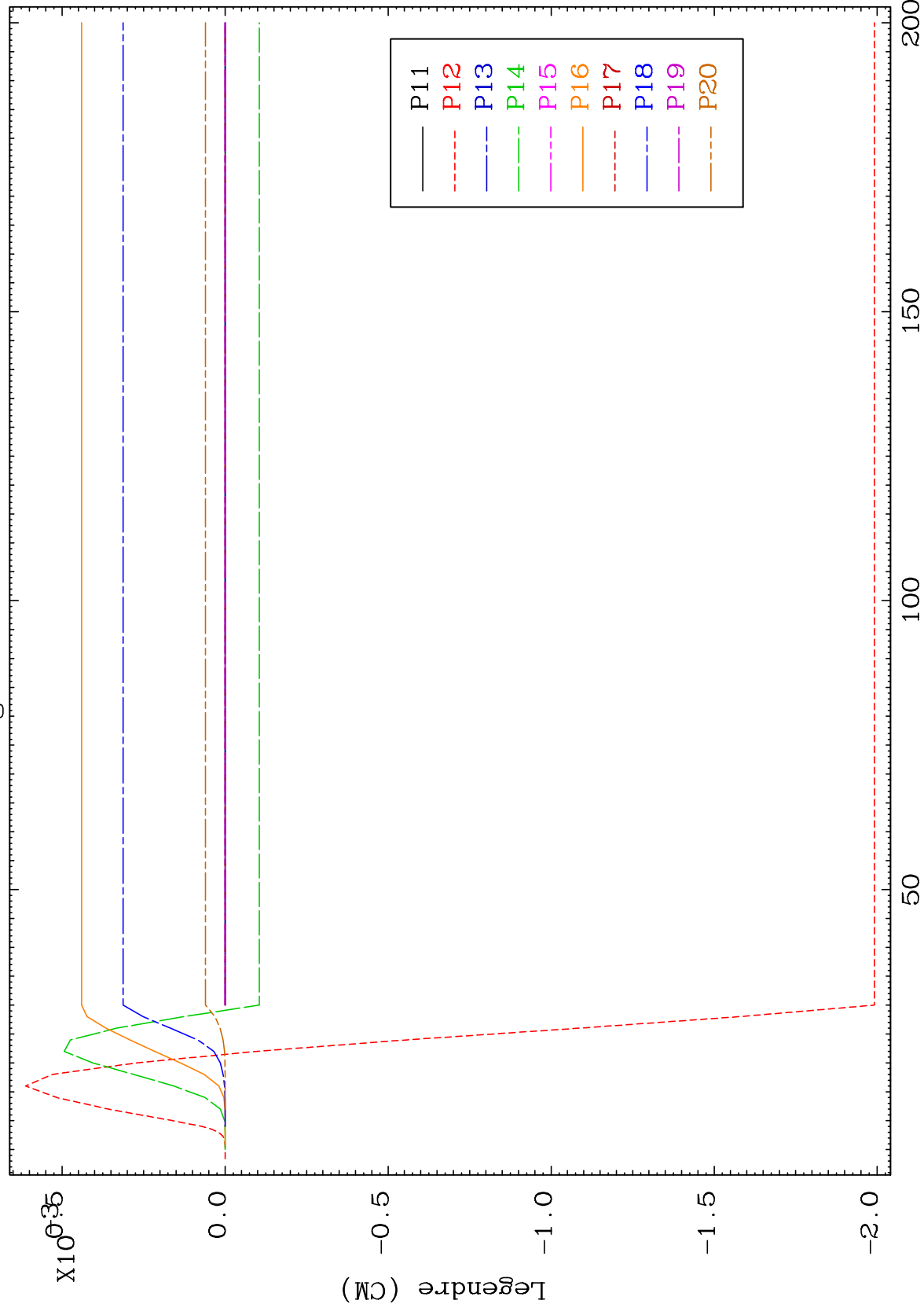




MAT 8407

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

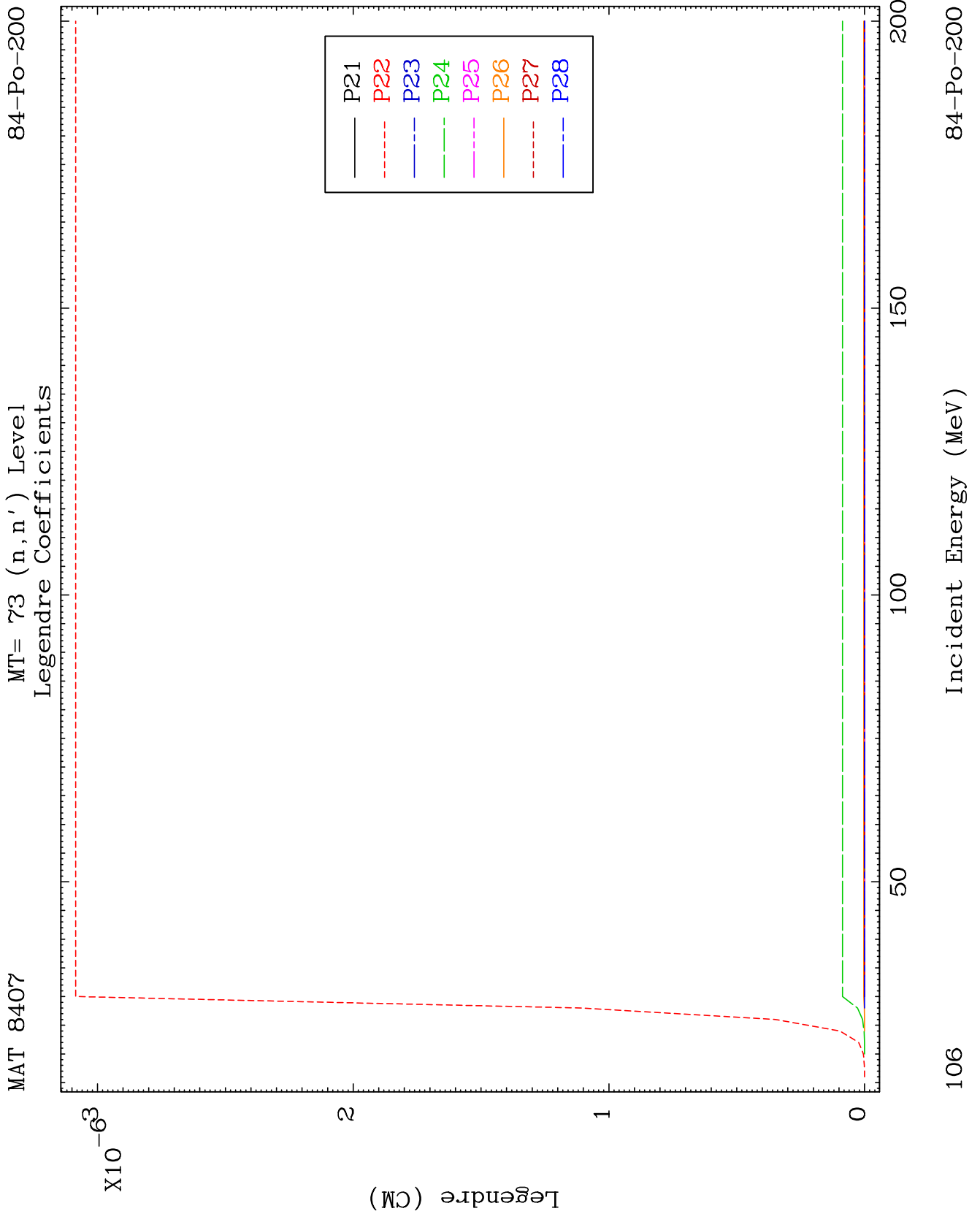
84-Po-200



105

Incident Energy (MeV)

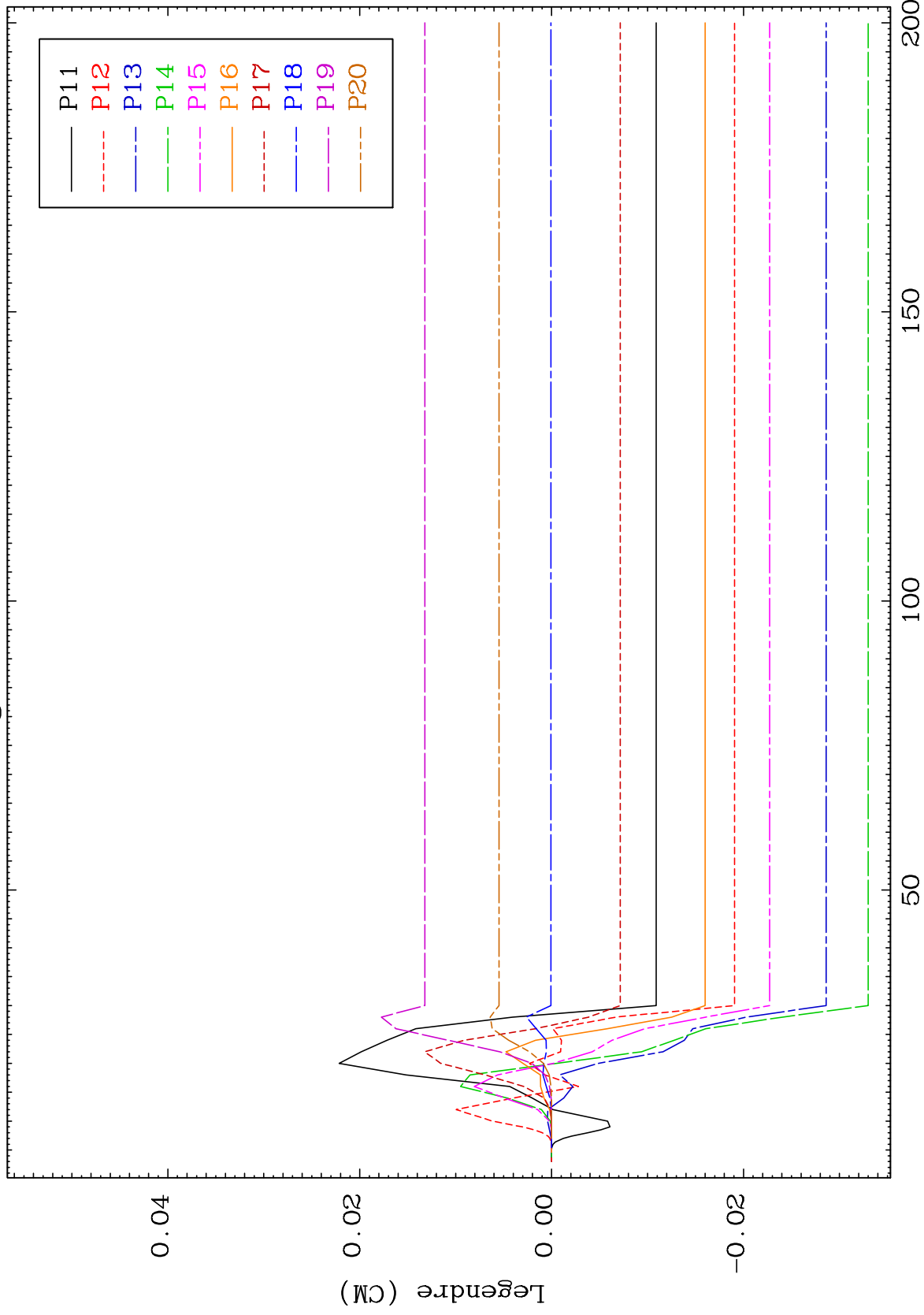
84-Po-200



MAT 8407

MT= 74 (n,n') Level
Legendre Coefficients

84-Po-200



108

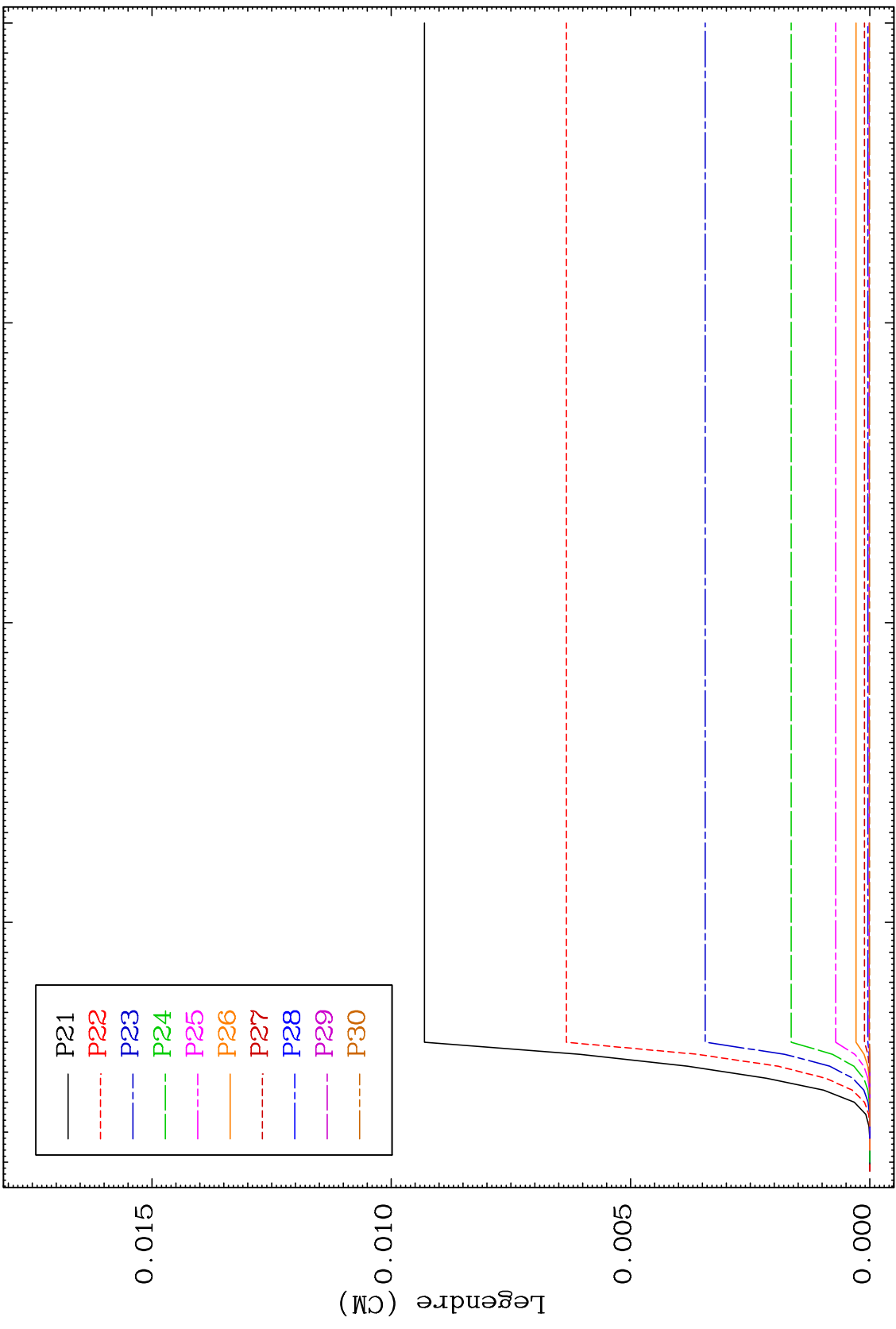
Incident Energy (MeV)

84-Po-200

MAT 8407

MT= 74 (n,n') Level
Legendre Coefficients

84-Po-200



109

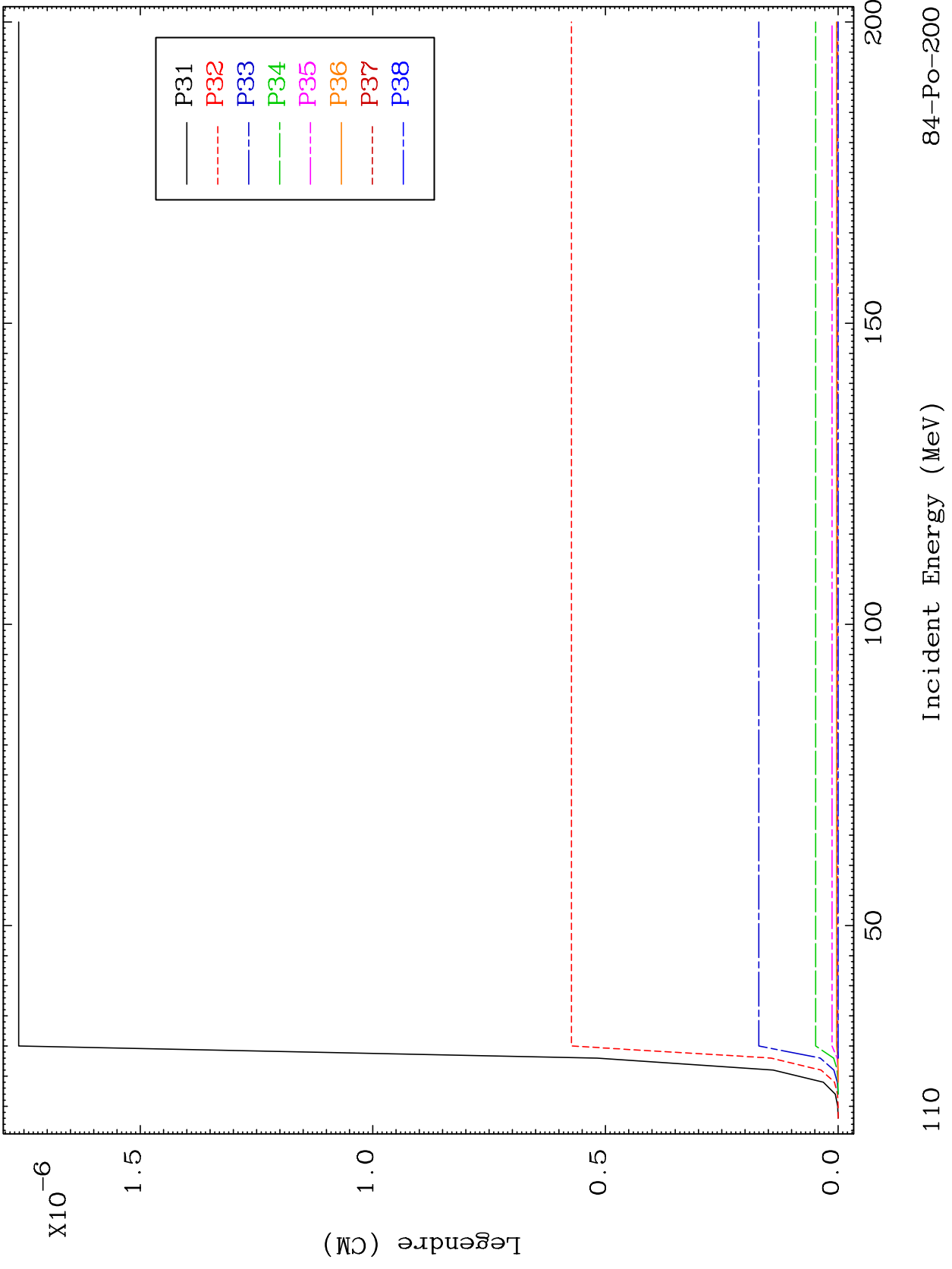
Incident Energy (MeV)

84-Po-200

MAT 8407

MT= 74 (n,n') Level
Legendre Coefficients

84-Po-200

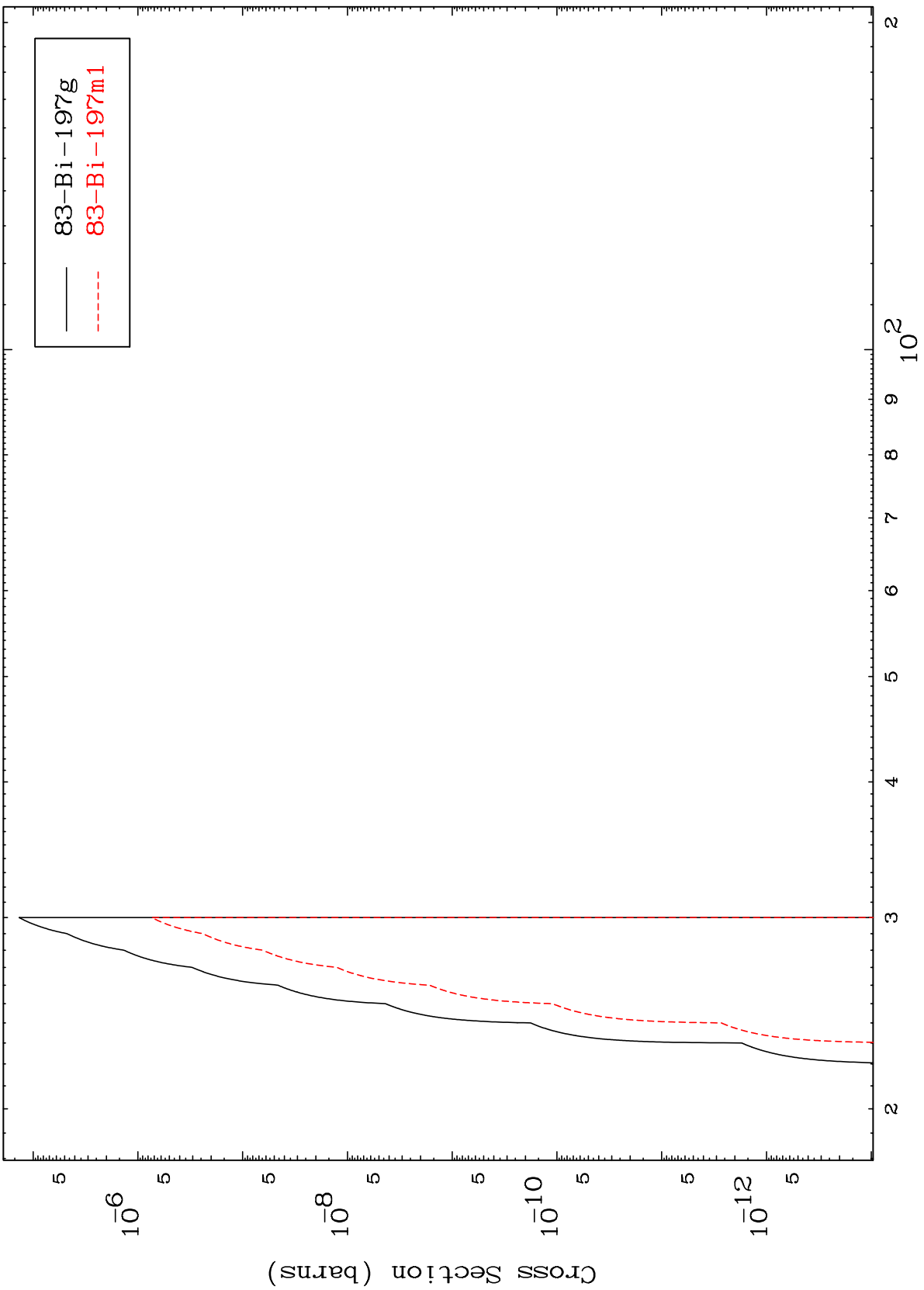


MAT 8407

(n,2n) d

84-Po-200

Radionuclide Production Cross Section



111

Incident Energy (MeV)

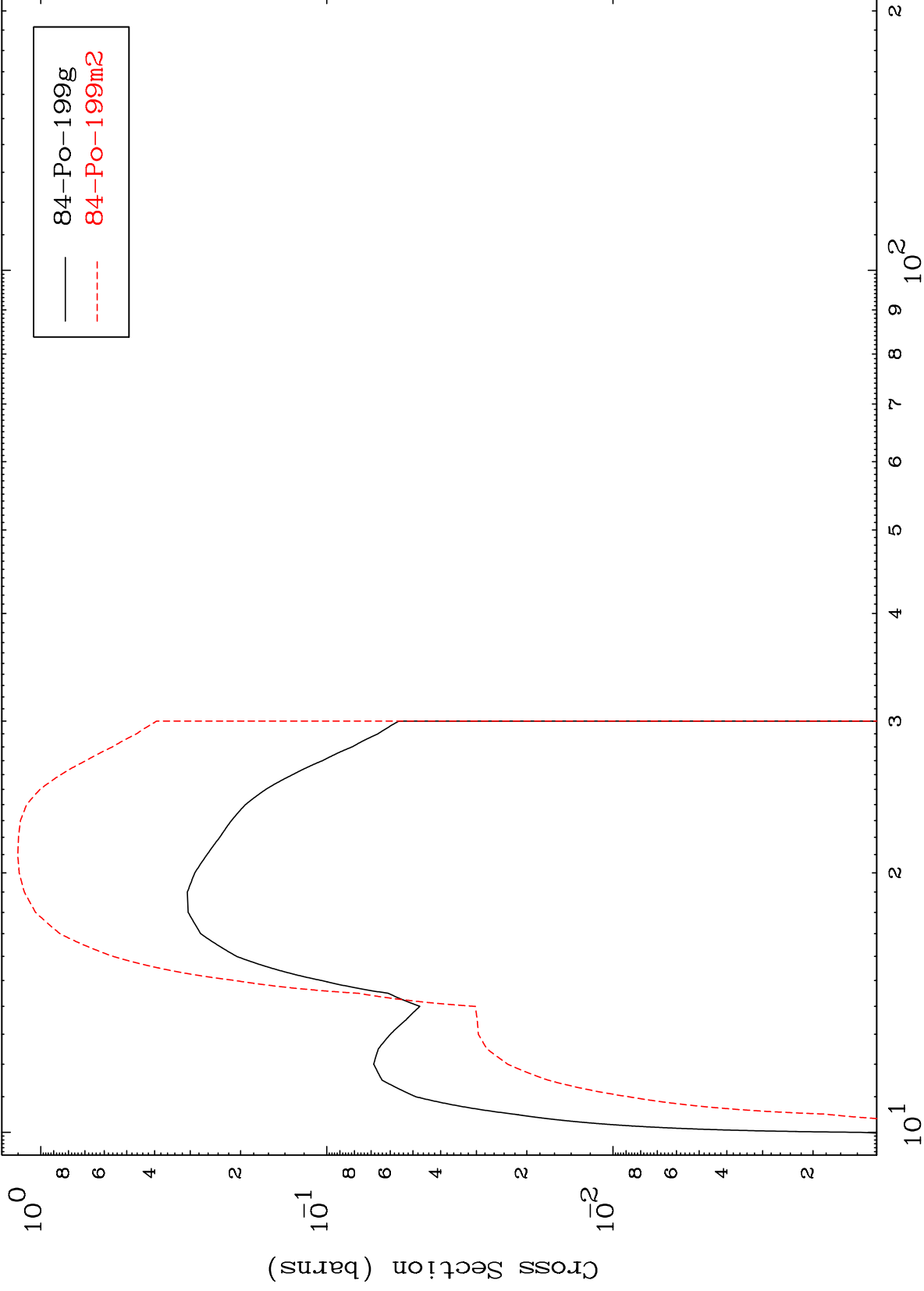
84-Po-200

MAT 8407

(n,2n)

84-Po-200

Radionuclide Production Cross Section



Incident Energy (MeV)

84-Po-200

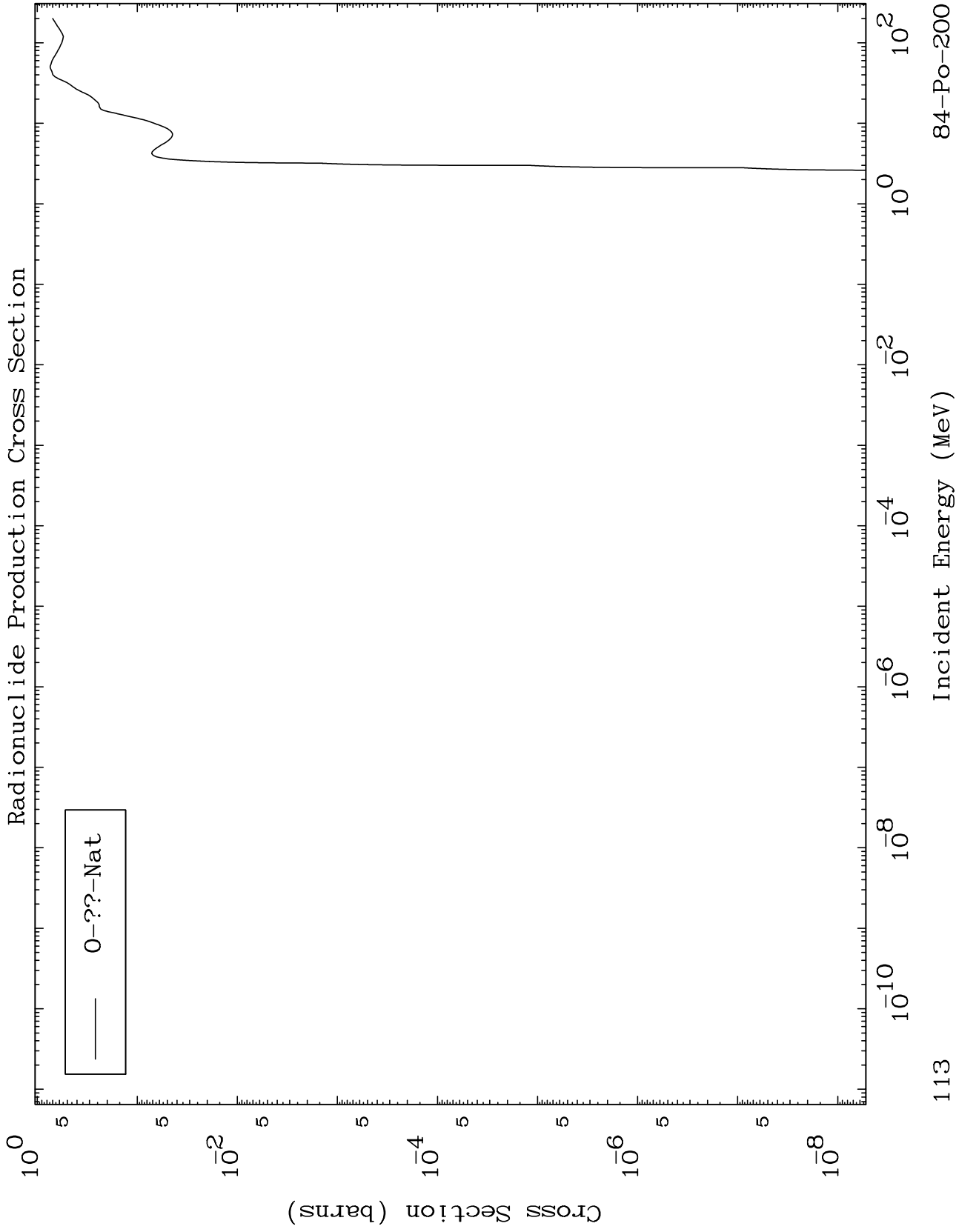
112

MAT 8407

Fission

84-Po-200

Radionuclide Production Cross Section

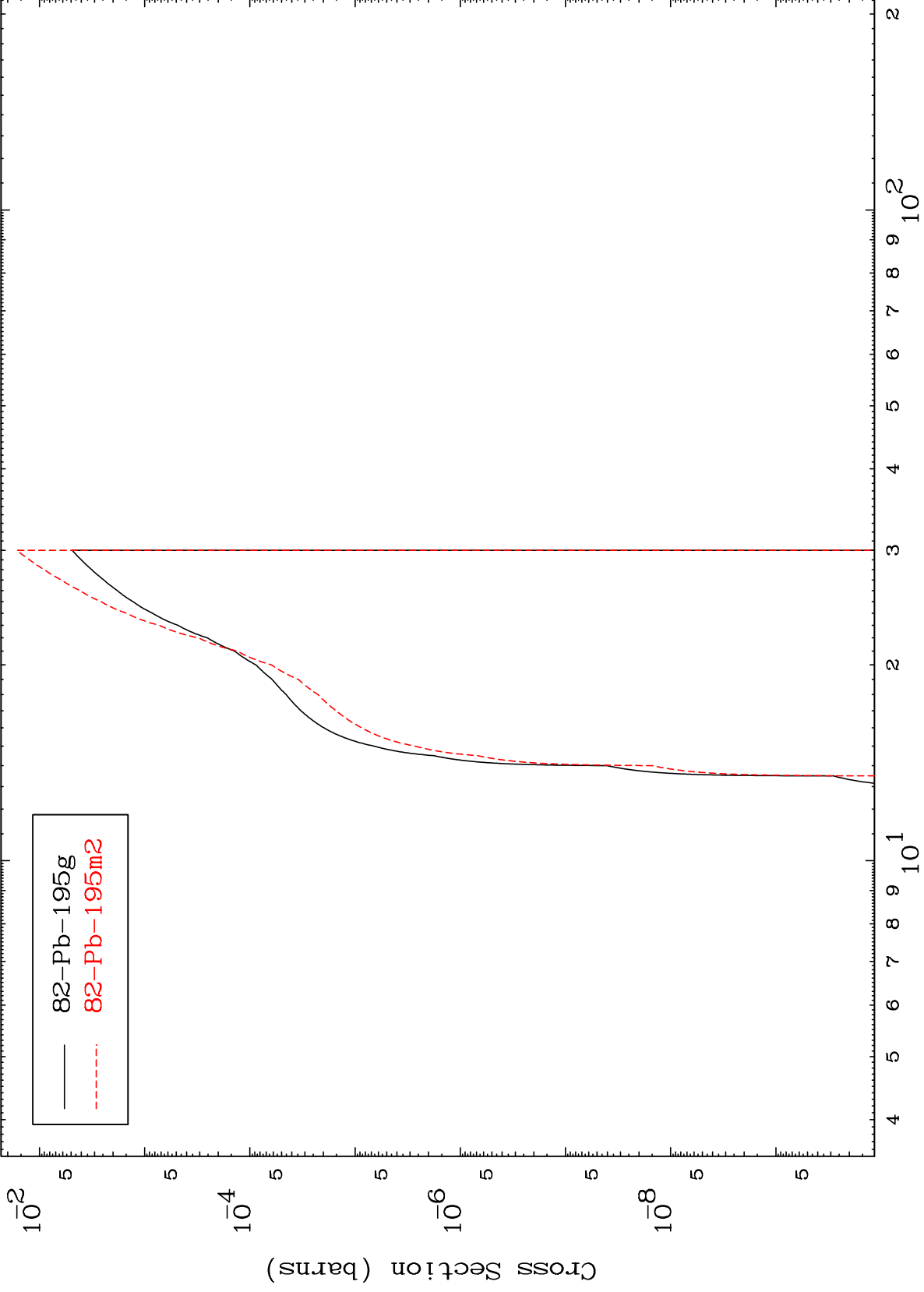


MAT 8407

$(n,2n) \alpha$

84-Po-200

Radionuclide Production Cross Section



114

Incident Energy (MeV)

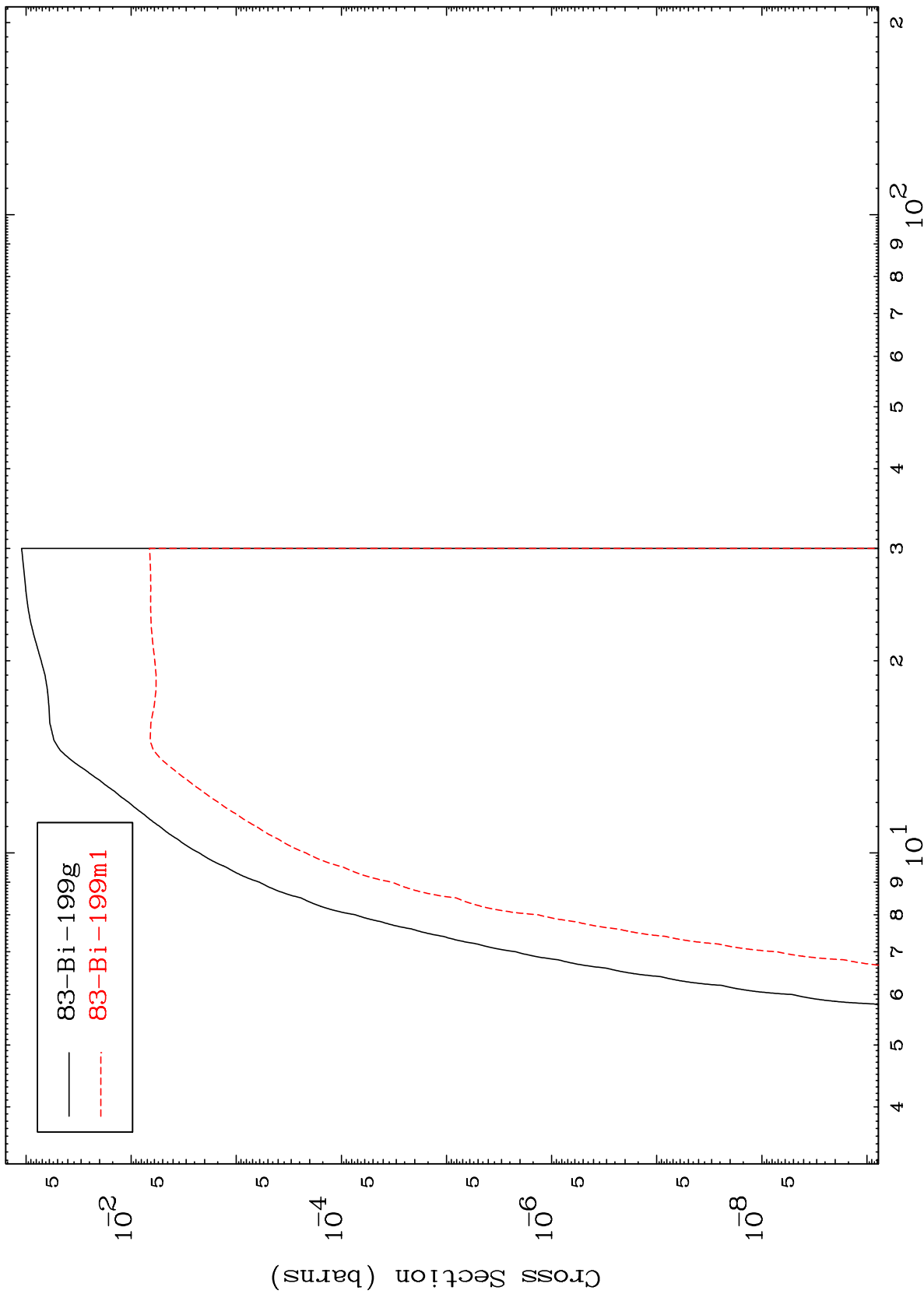
84-Po-200

MAT 8407

(n,n') p

84-Po-200

Radionuclide Production Cross Section



115

Incident Energy (MeV)

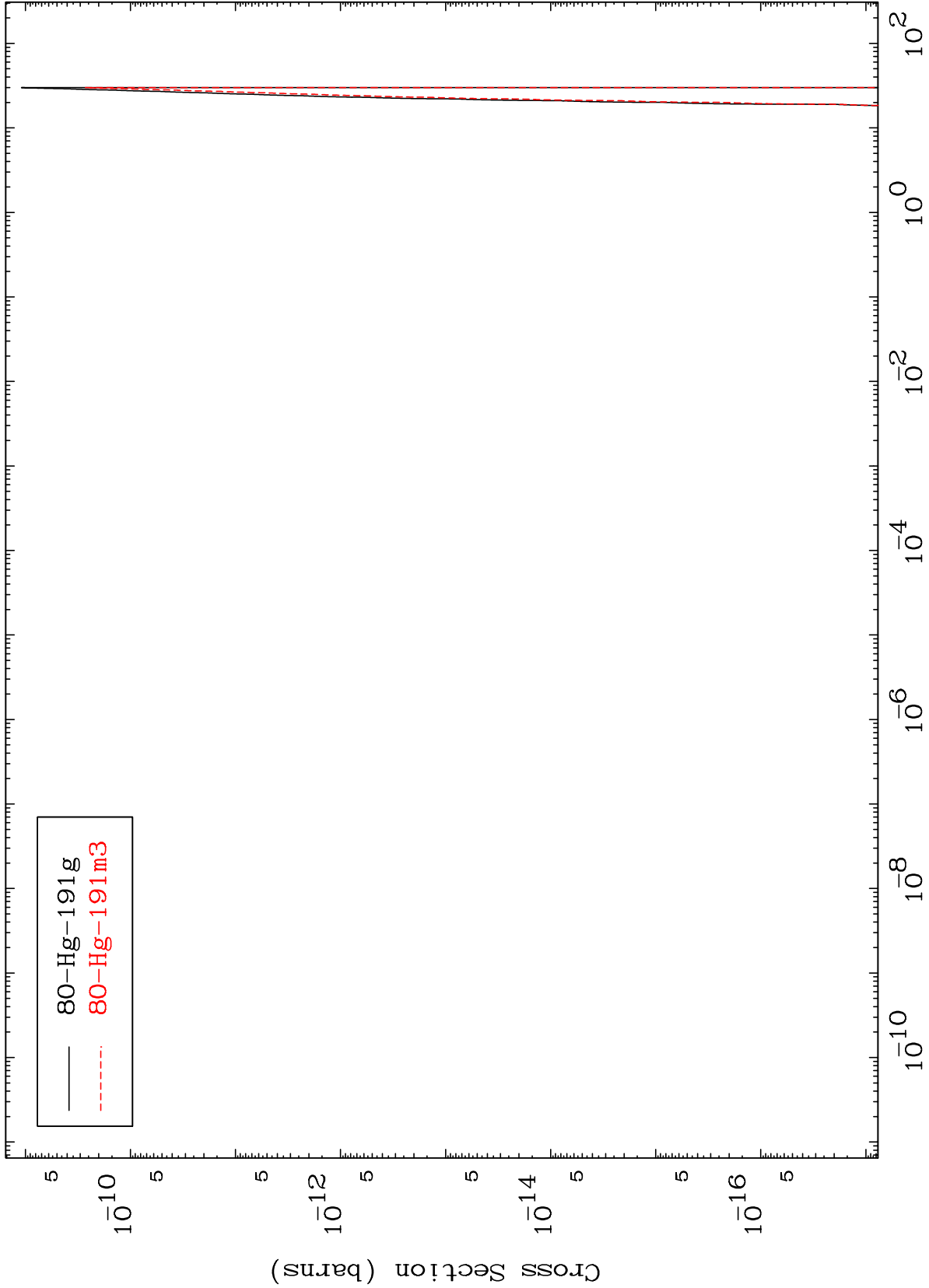
84-Po-200

MAT 8407

(n,2n) 2α

84-Po-200

Radionuclide Production Cross Section

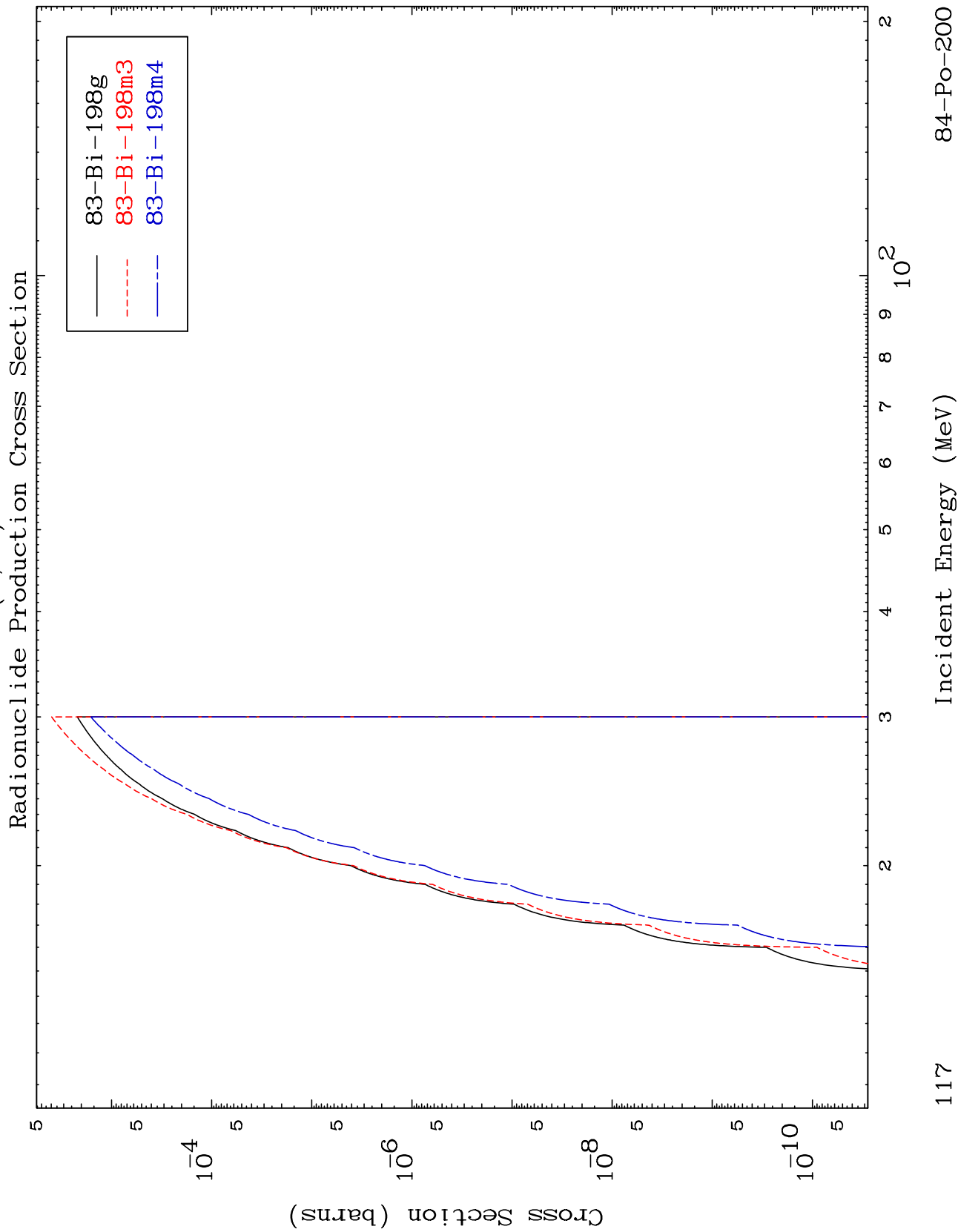


80-Hg-191 g
80-Hg-191 m3

MAT 8407

(n,n') d

84-Po-200

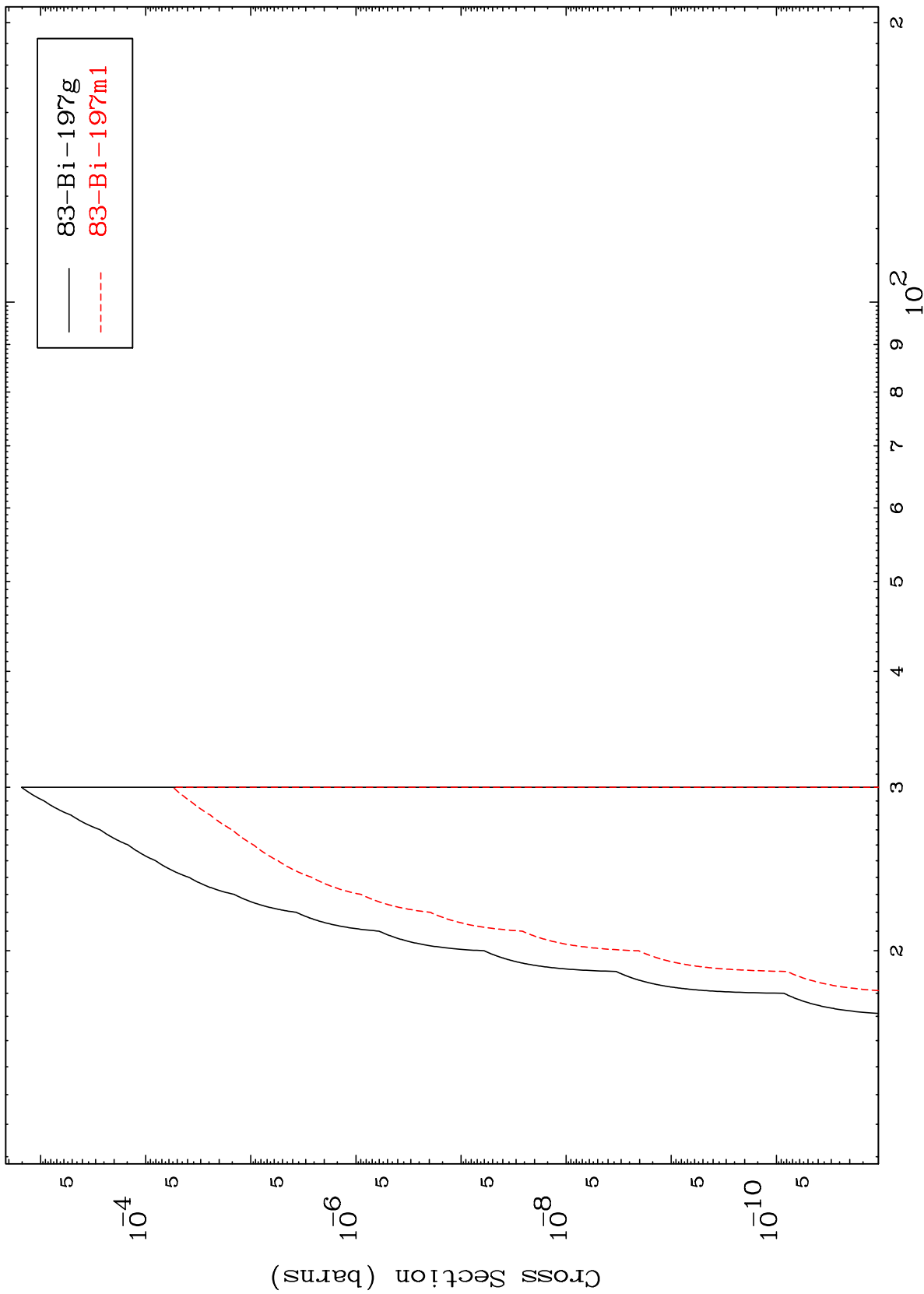


117

Incident Energy (MeV)

84-Po-200

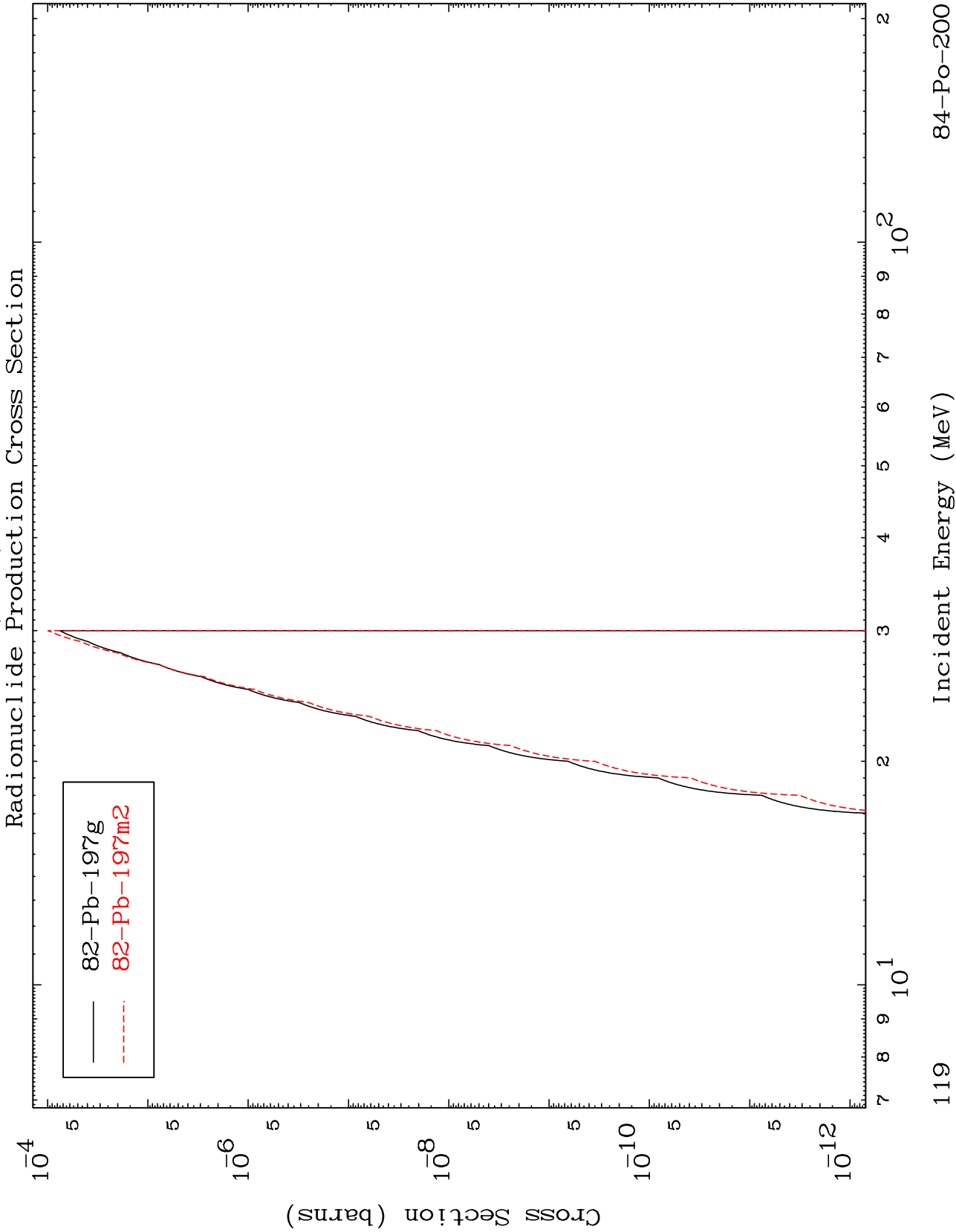
Radionuclide Production Cross Section



MAT 8407

(n,n') He-3

84-Po-200



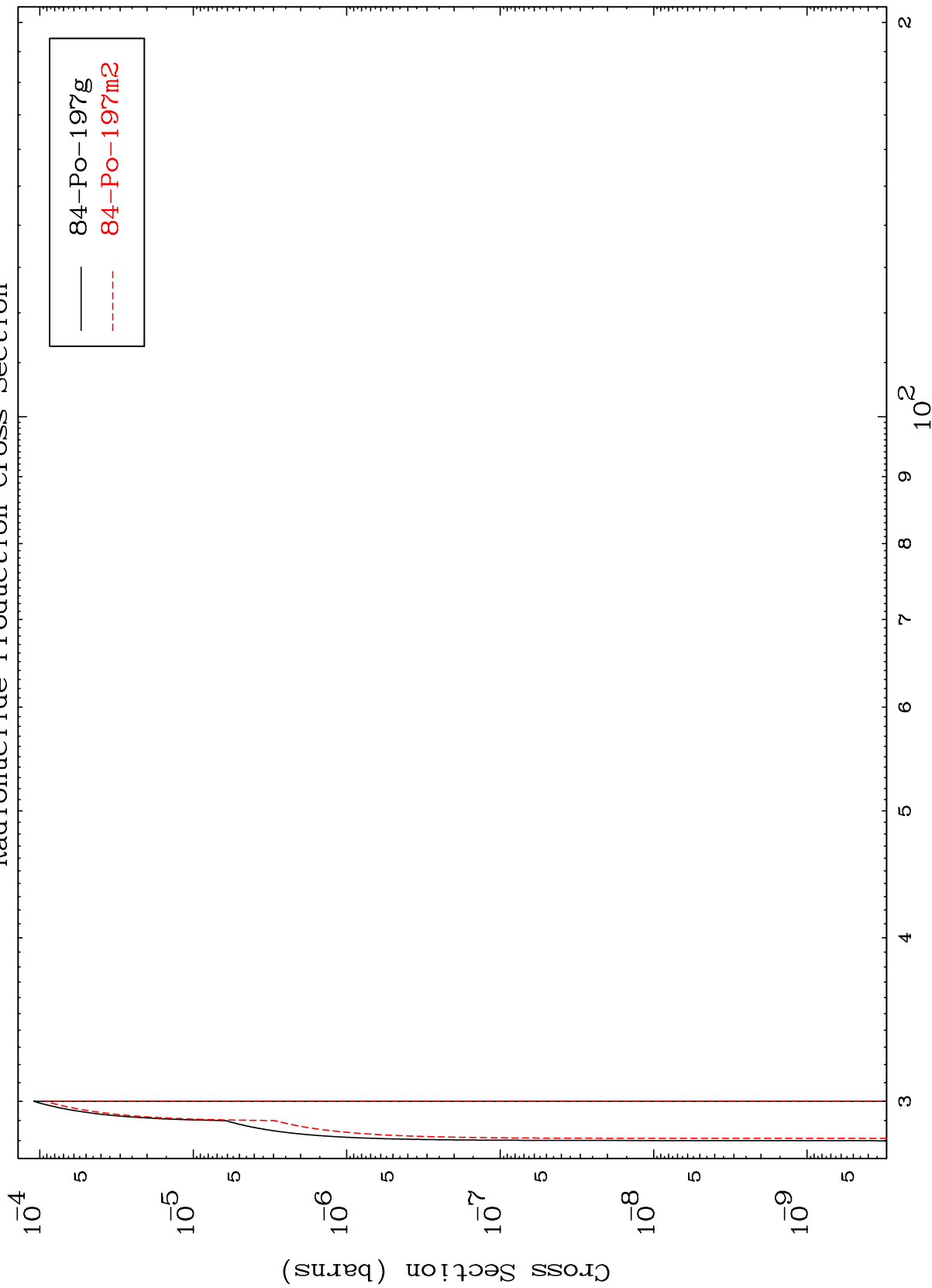
119

84-Po-200

MAT 8407

84-Po-200

(n,4n)
Radionuclide Production Cross Section



84-Po-197g
84-Po-197m2

120

84-Po-200

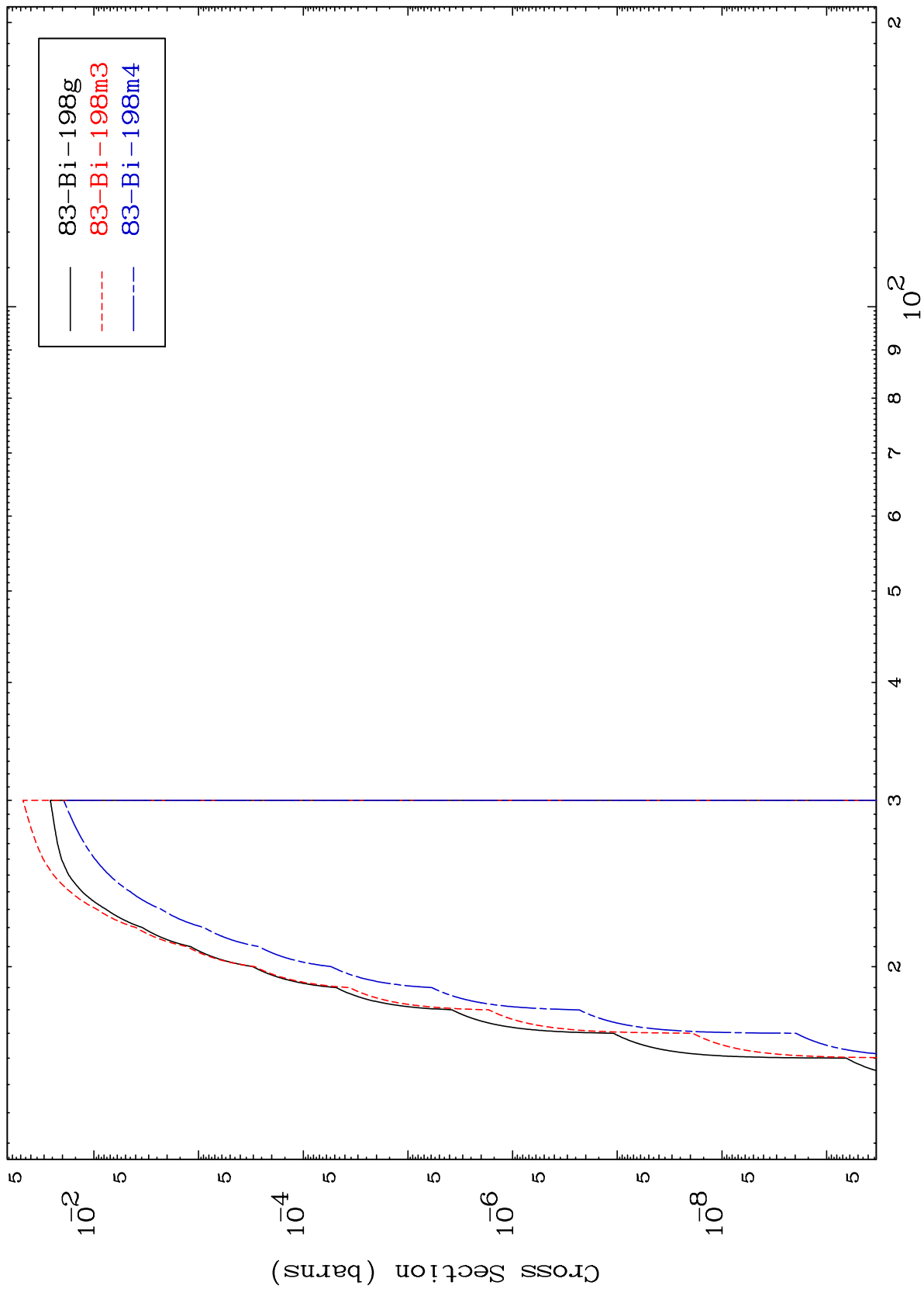
Incident Energy (MeV)

MAT 8407

(n,2n) p

84-Po-200

Radionuclide Production Cross Section

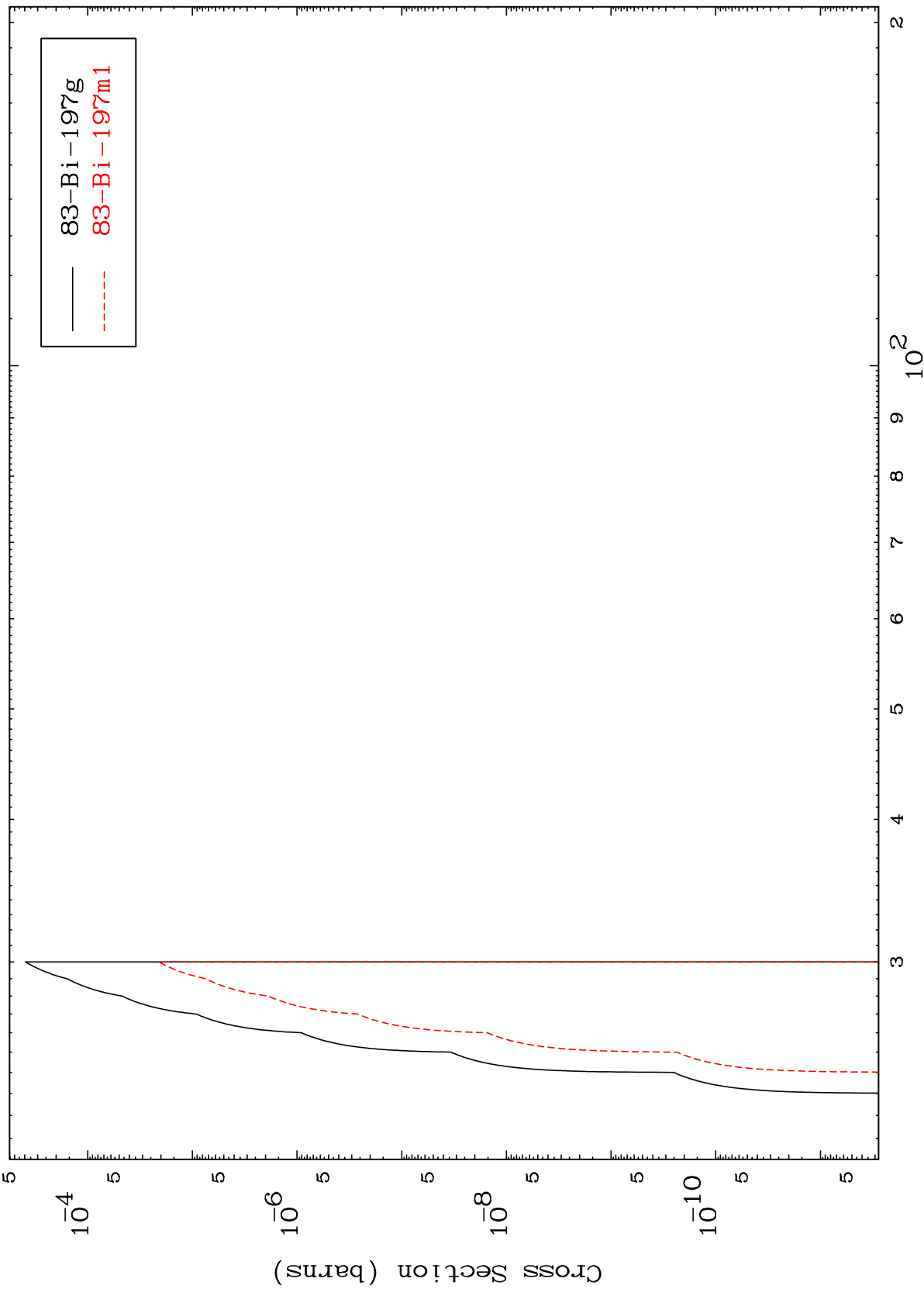


121

Incident Energy (MeV)

84-Po-200

Radionuclide Production Cross Section



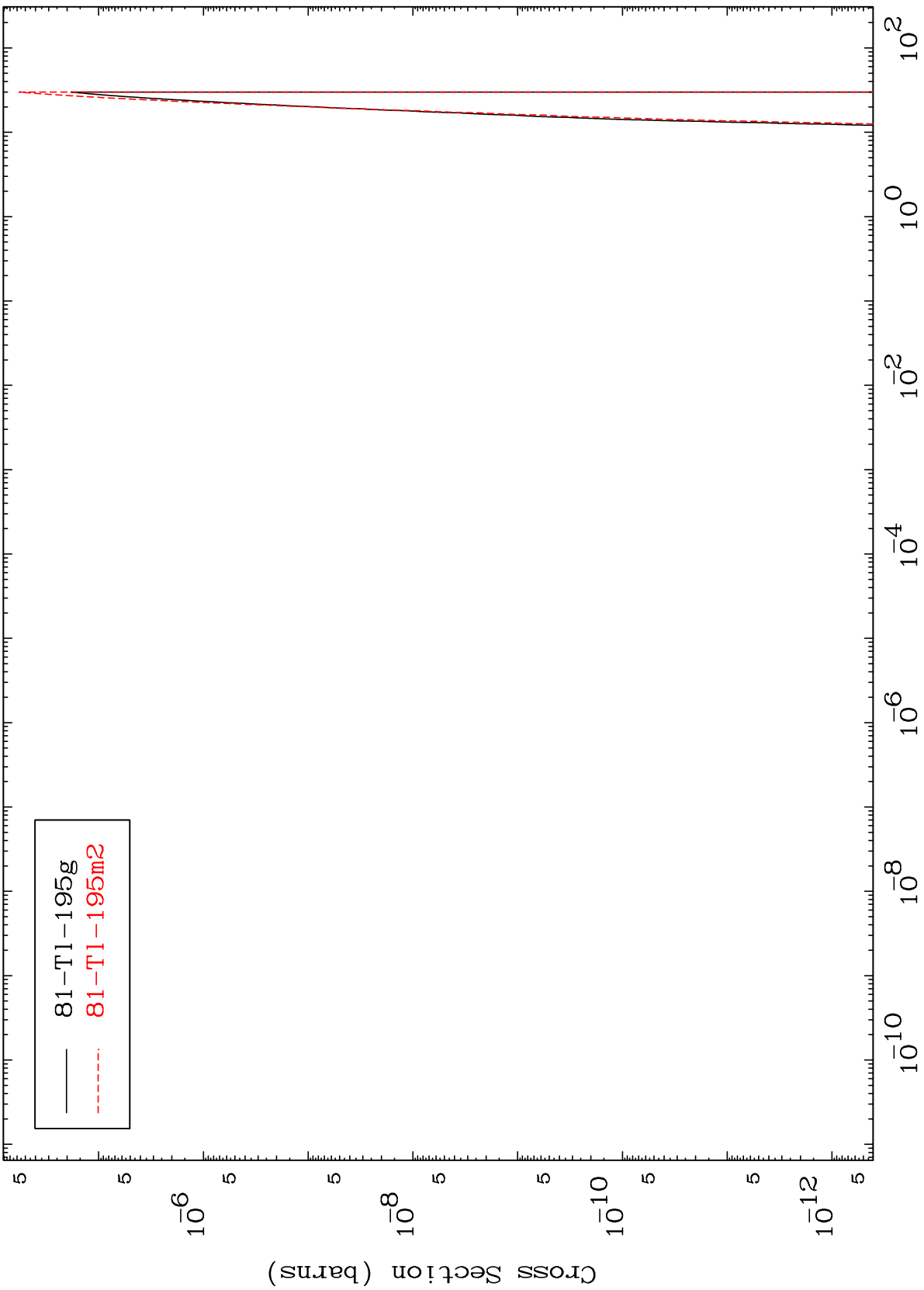
83-Bi-197g
83-Bi-197m1

MAT 8407

(n,n') p α

84-Po-200

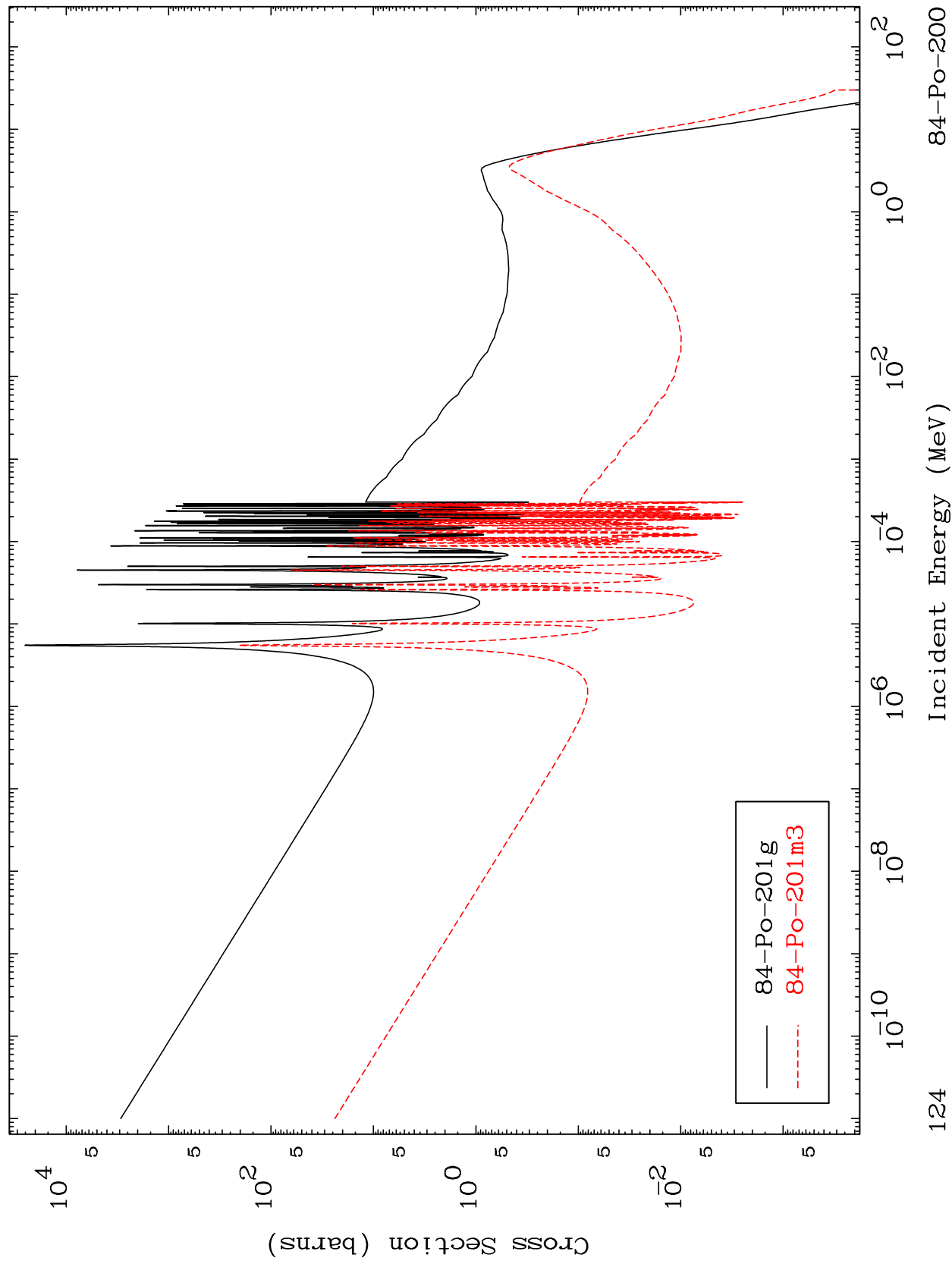
Radionuclide Production Cross Section



MAT 8407

84-Po-200

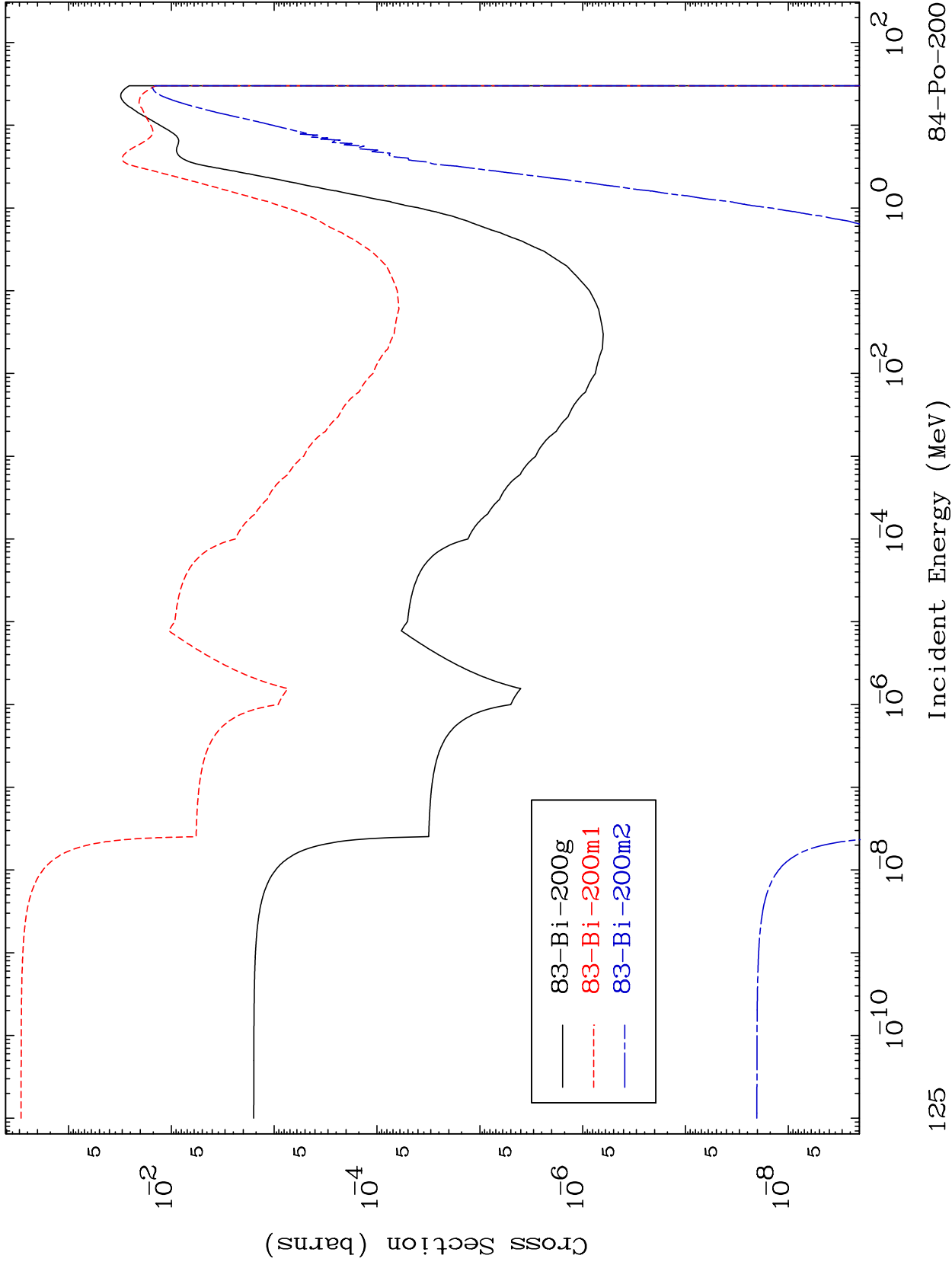
(n, γ)
Radionuclide Production Cross Section



MAT 8407

84-Po-200

Radionuclide Production Cross Section

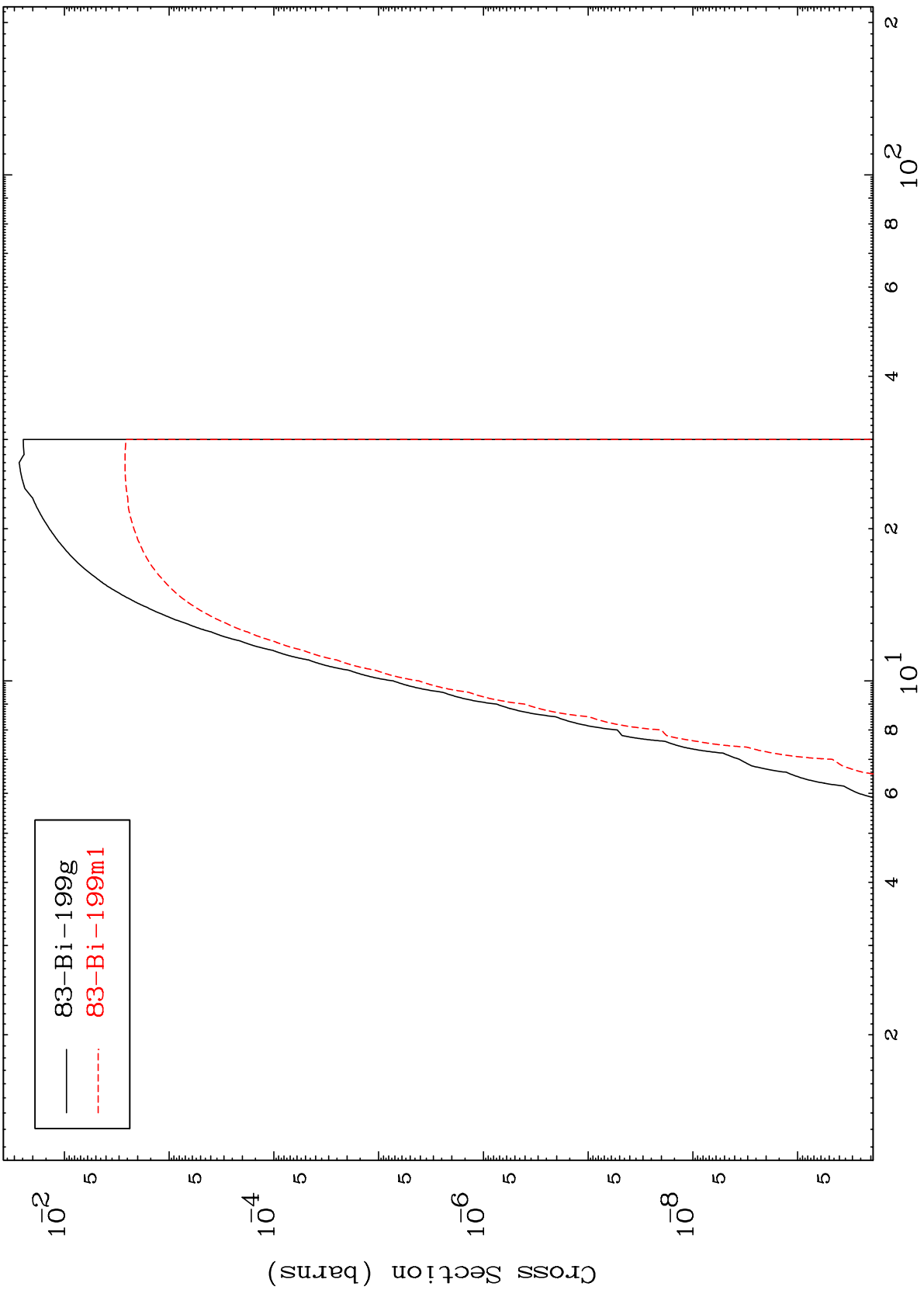


MAT 8407

(n,d)

84-Po-200

Radionuclide Production Cross Section

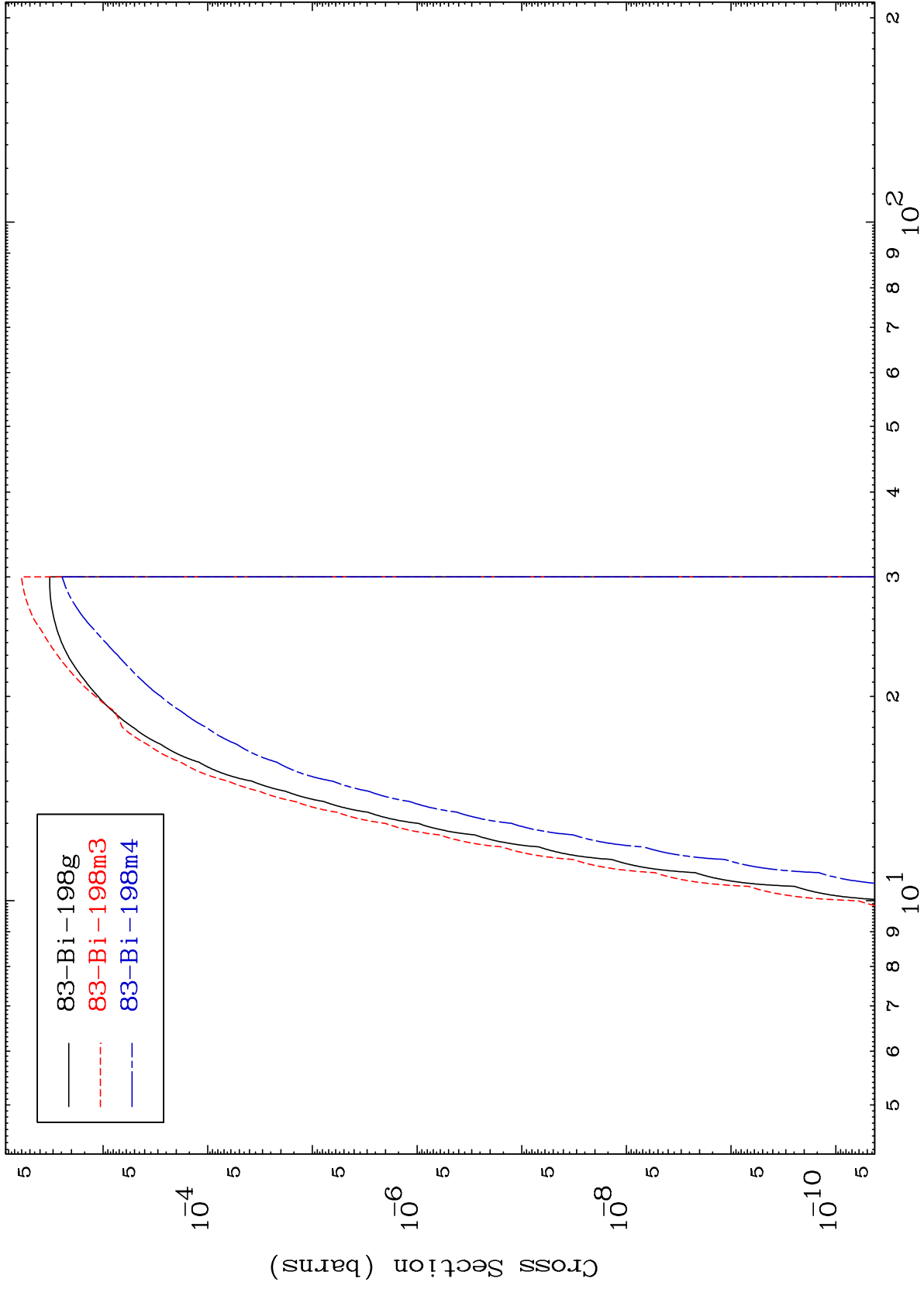


— 83-Bi-199g
- - - 83-Bi-199m1

MAT 8407

84-Po-200

Radionuclide Production Cross Section
(n, t)



84-Po-200

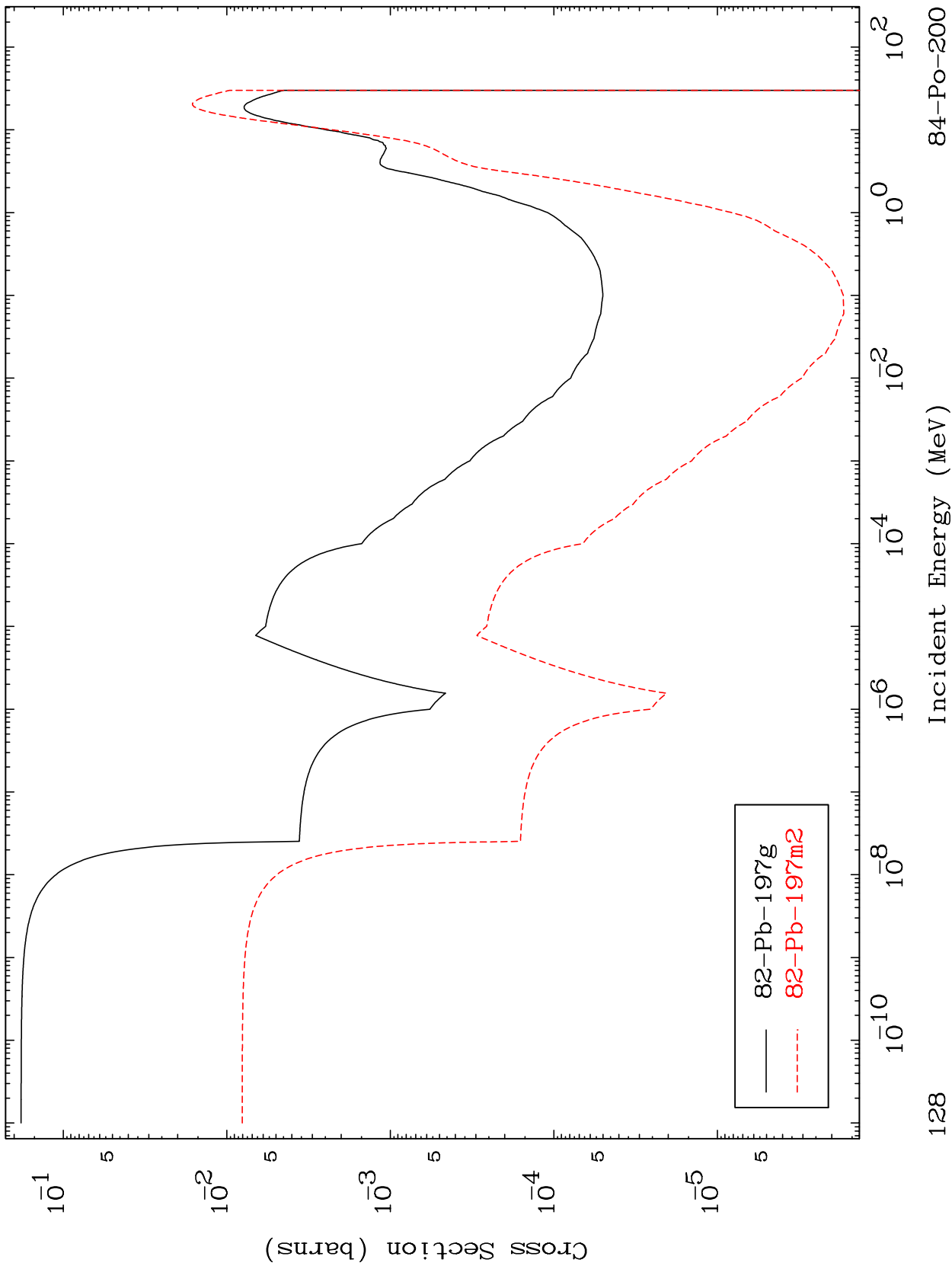
Incident Energy (MeV)

127

MAT 8407

84-Po-200

Radionuclide Production Cross Section (n, α)

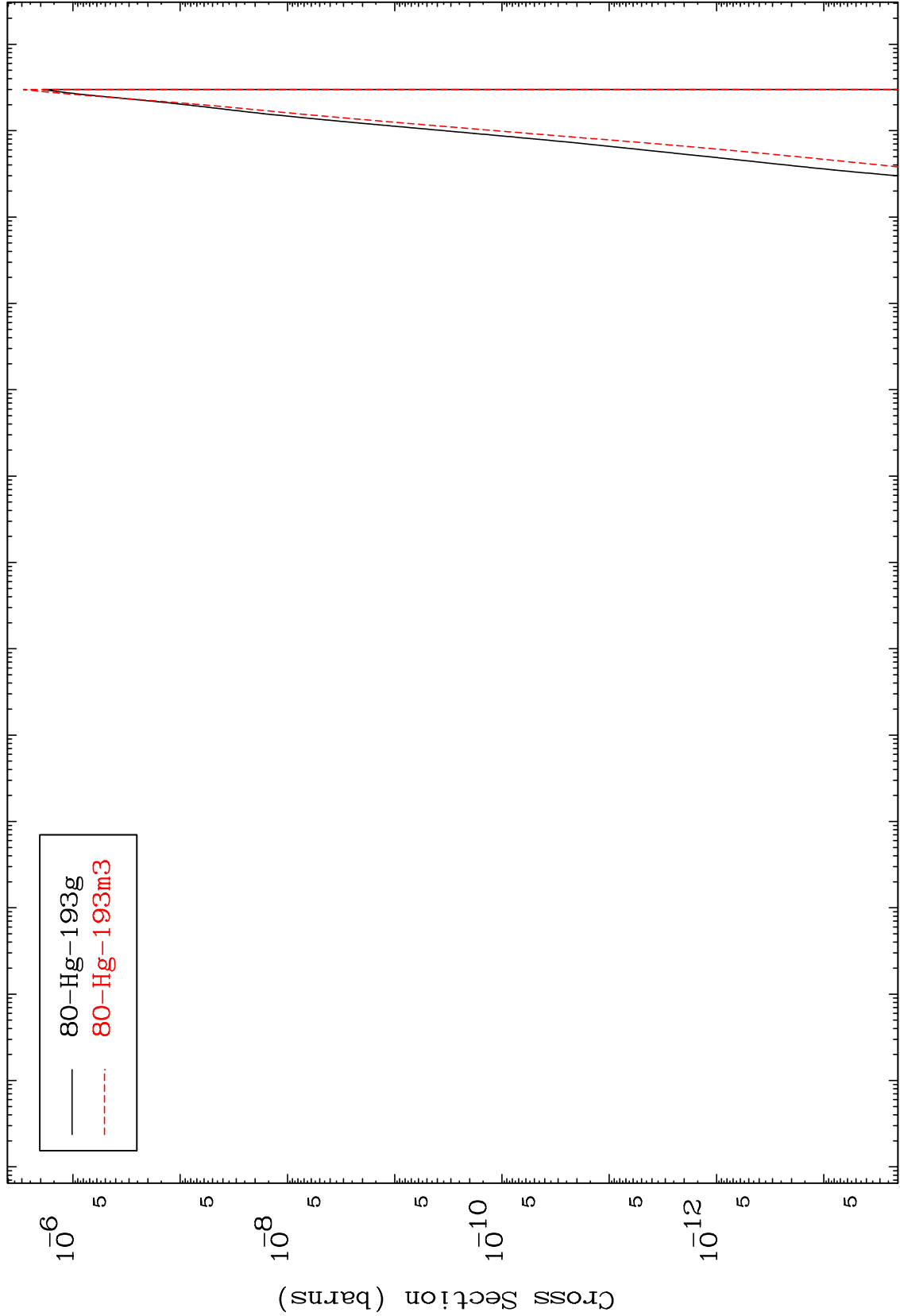
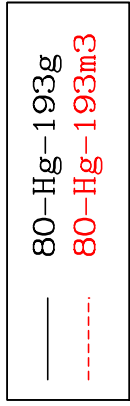


MAT 8407

(n,2α)

84-Po-200

Radionuclide Production Cross Section



84-Po-200

10⁰

10⁻²

10⁻⁴

10⁻⁶

10⁻⁸

10⁻¹⁰

Incident Energy (MeV)

84-Po-200

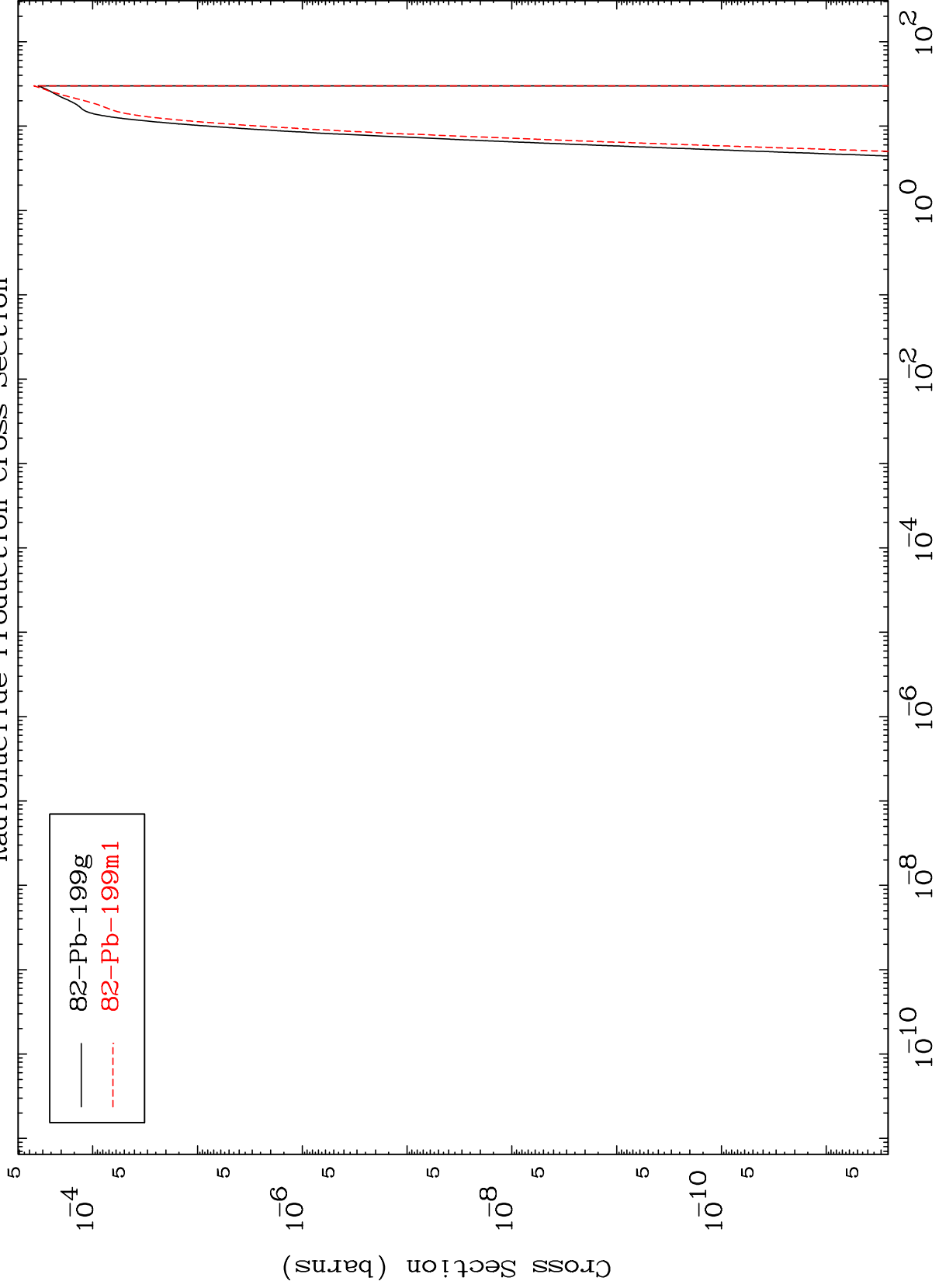
129

MAT 8407

(n,2p)

84-Po-200

Radionuclide Production Cross Section



130

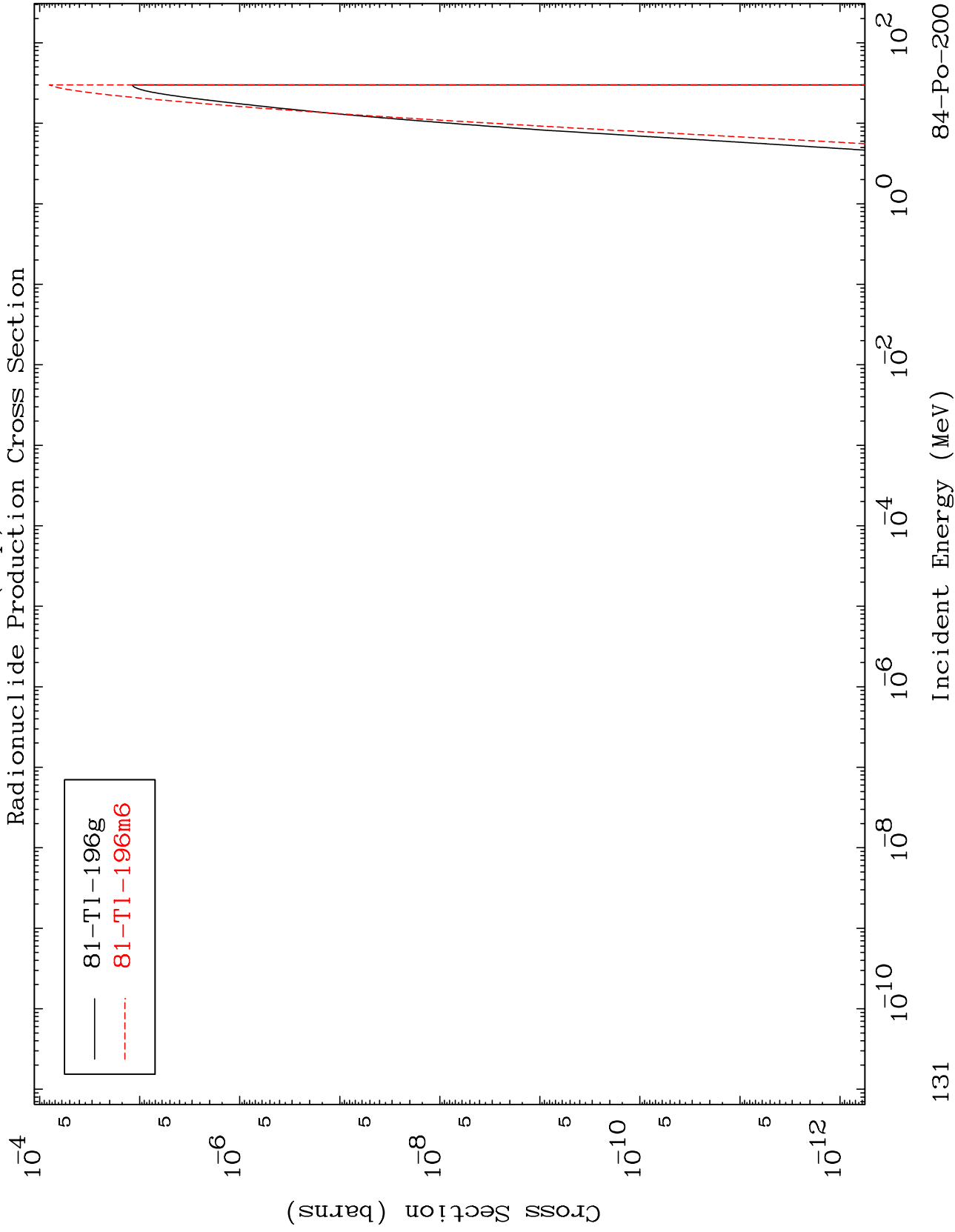
Incident Energy (MeV)

84-Po-200

MAT 8407

(n,p) α

84-Po-200

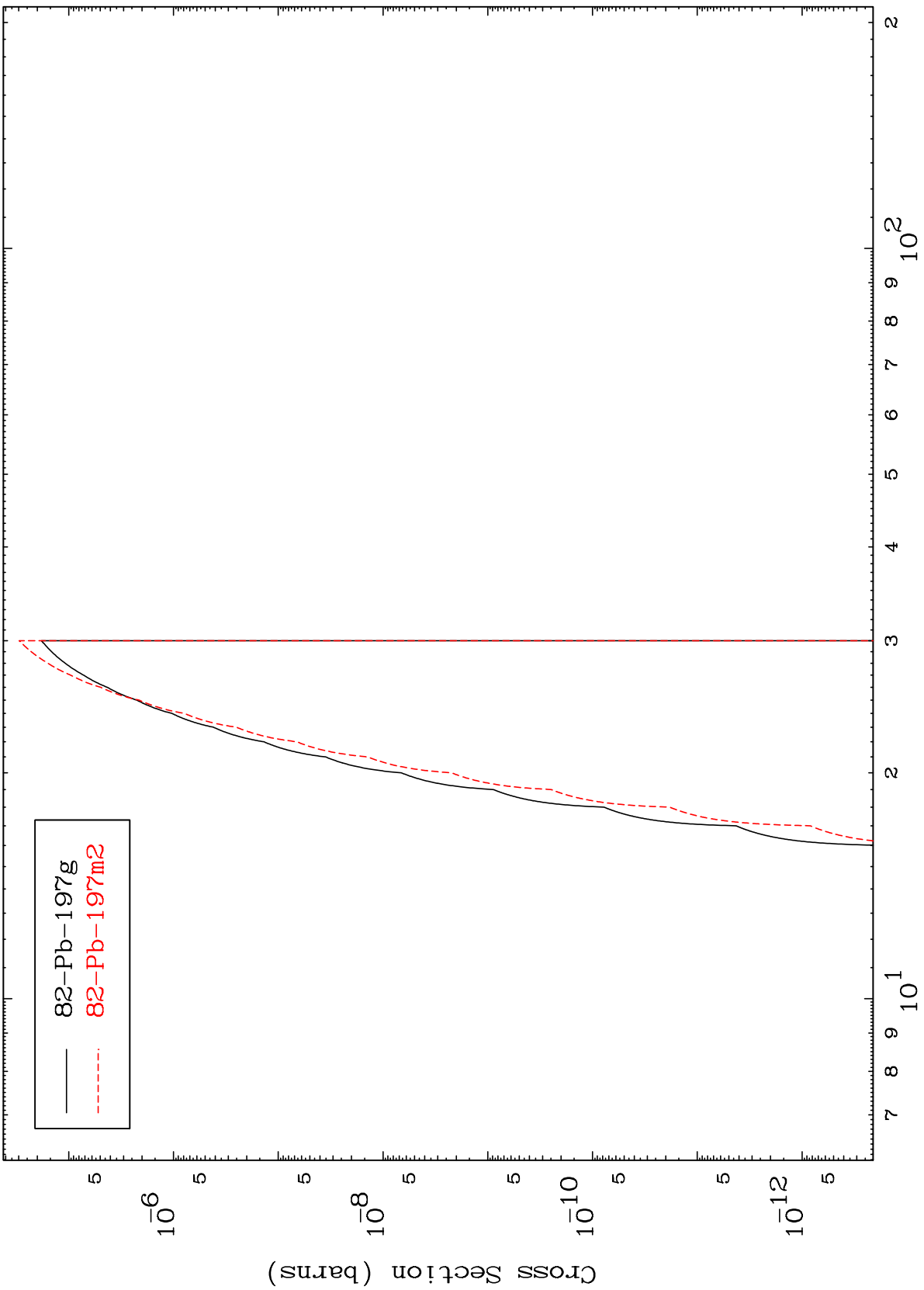


MAT 8407

(n,p) t

84-Po-200

Radionuclide Production Cross Section



132

Incident Energy (MeV)

84-Po-200

MAT 8407

(n,d) α

84-Po-200

Radionuclide Production Cross Section

