

Program EVALPLOT
(Version 2017-1)

by

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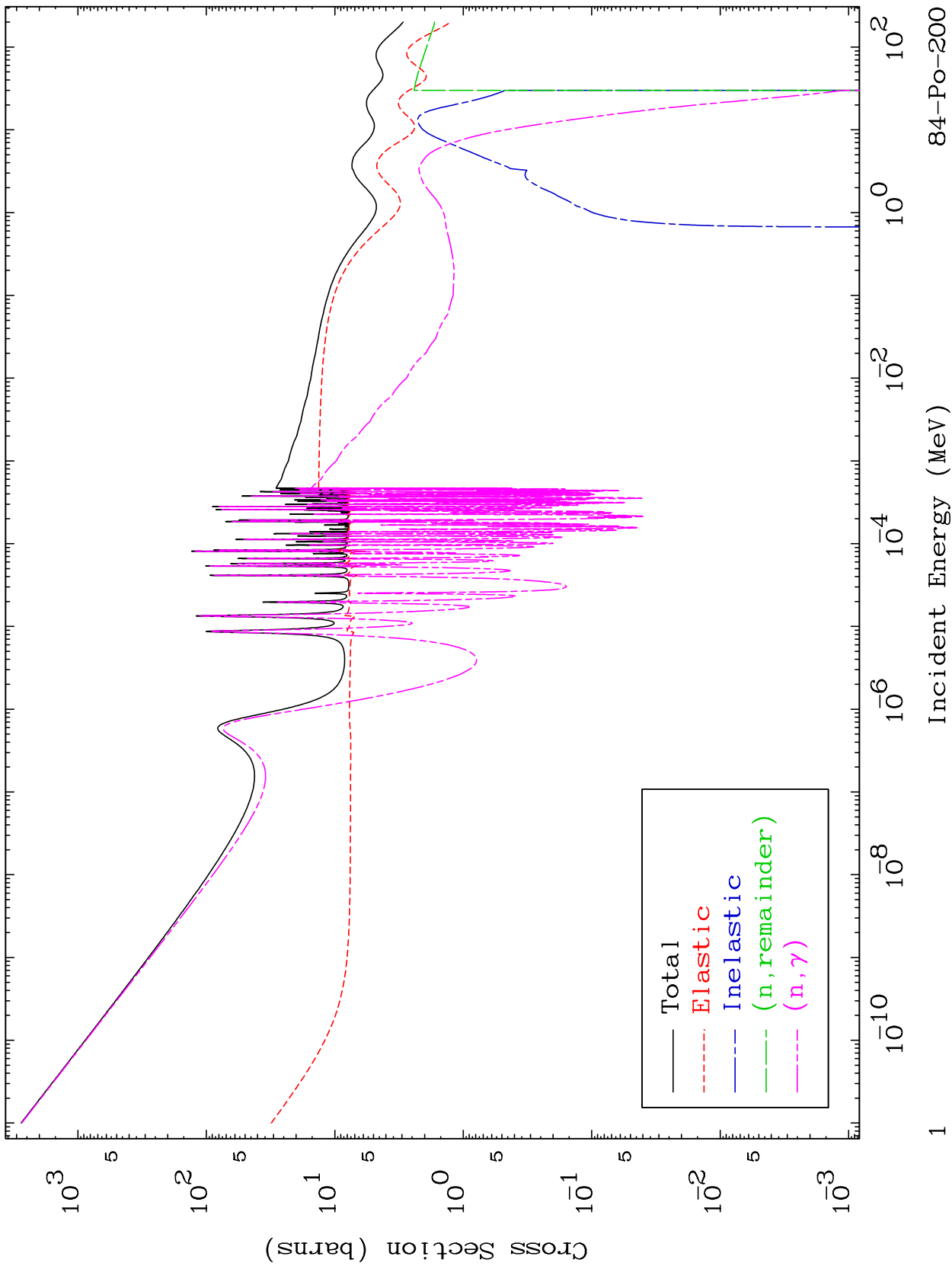
Press Mouse Button to Start

MAT 8407

Major

293 Kelvin Cross Sections

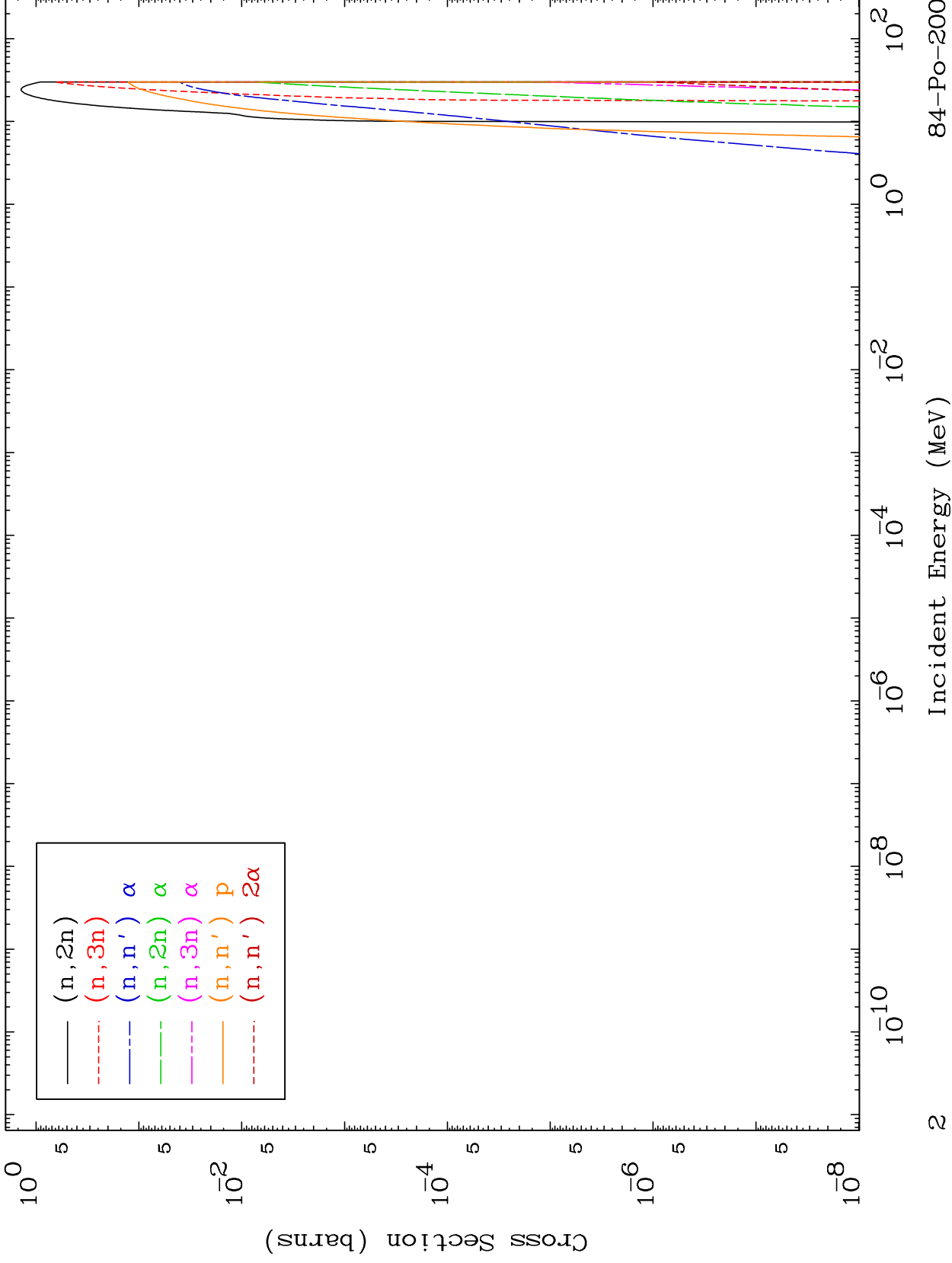
84-Po-200



MAT 8407

Neutron Production
293 Kelvin Cross Sections

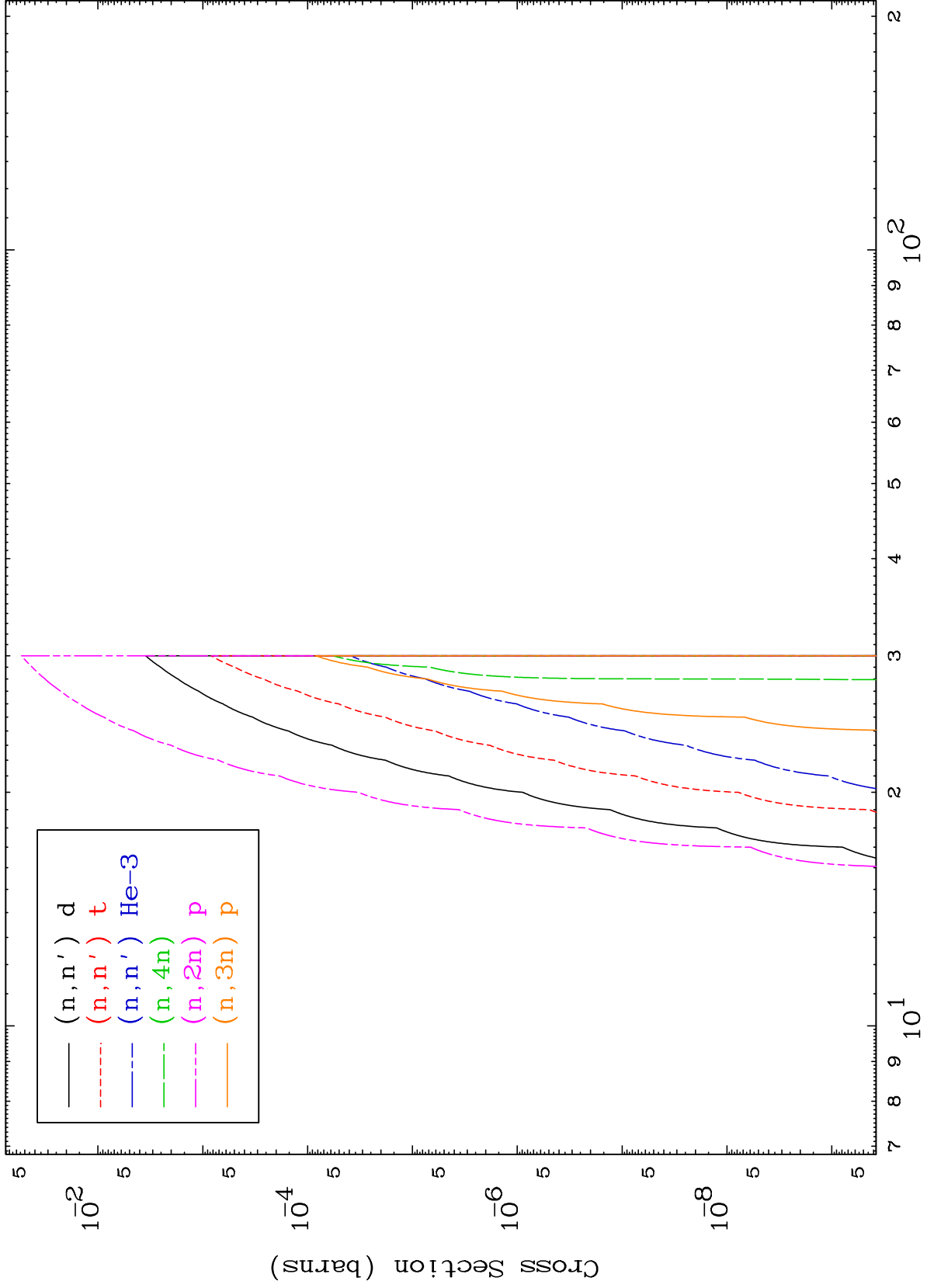
84-Po-200



MAT 8407

Neutron Production
293 Kelvin Cross Sections

84-Po-200



3

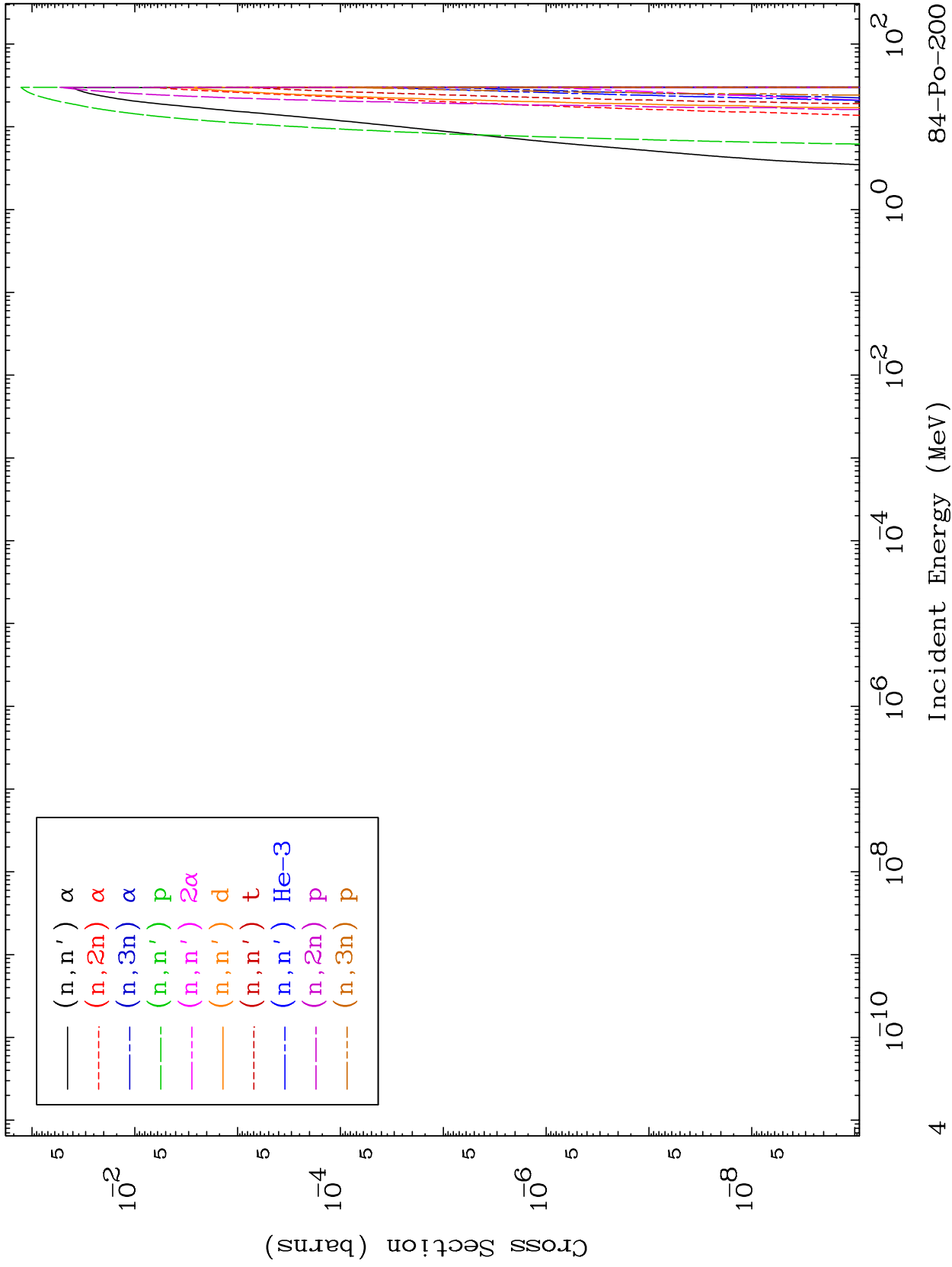
Incident Energy (MeV)

84-Po-200

MAT 8407

Charged Particle
293 Kelvin Cross Sections

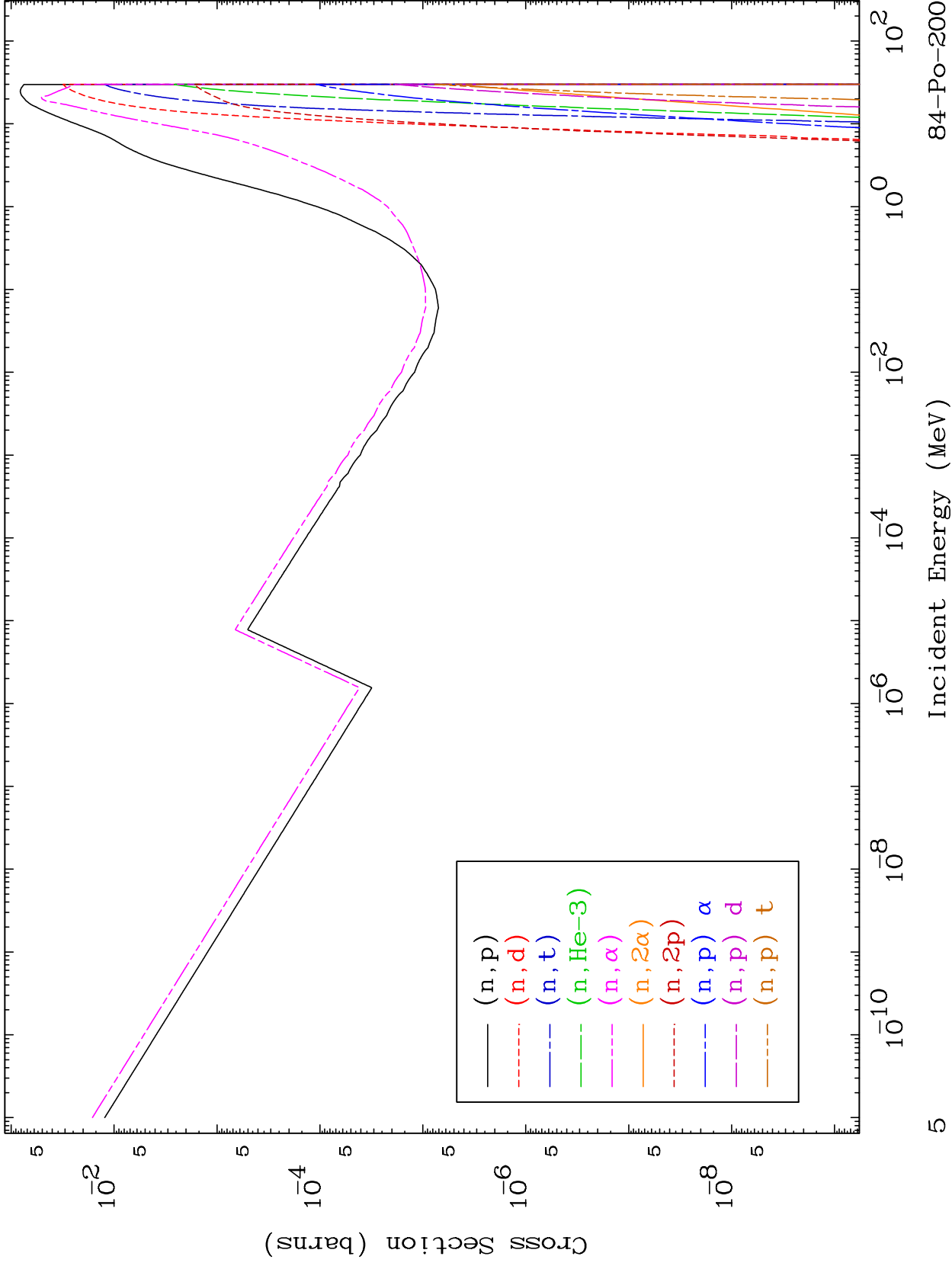
84-Po-200



MAT 8407

Charged Particle
293 Kelvin Cross Sections

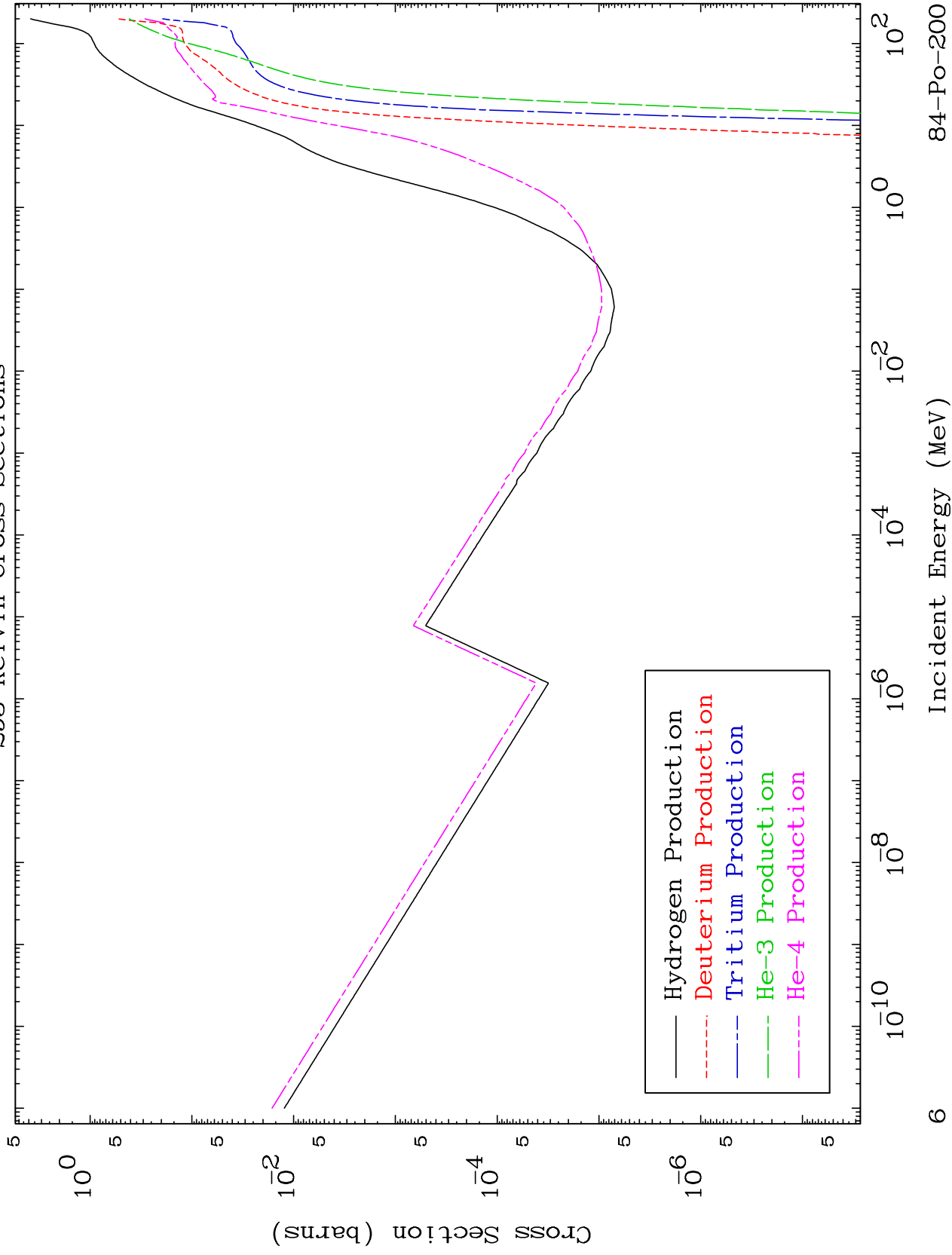
84-Po-200



MAT 8407

Particle Production
293 Kelvin Cross Sections

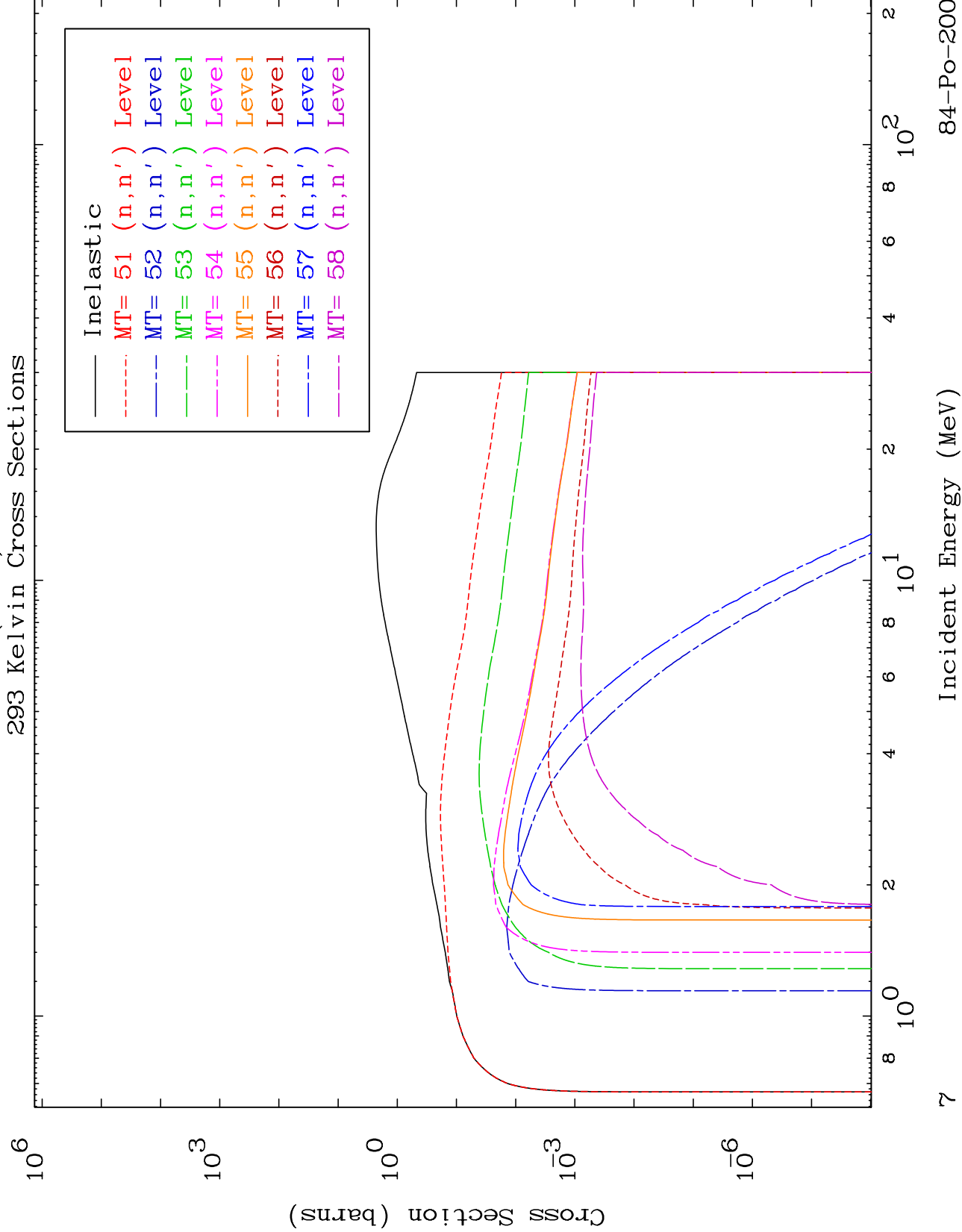
84-Po-200



MAT 8407

(n,n') Level

84-Po-200

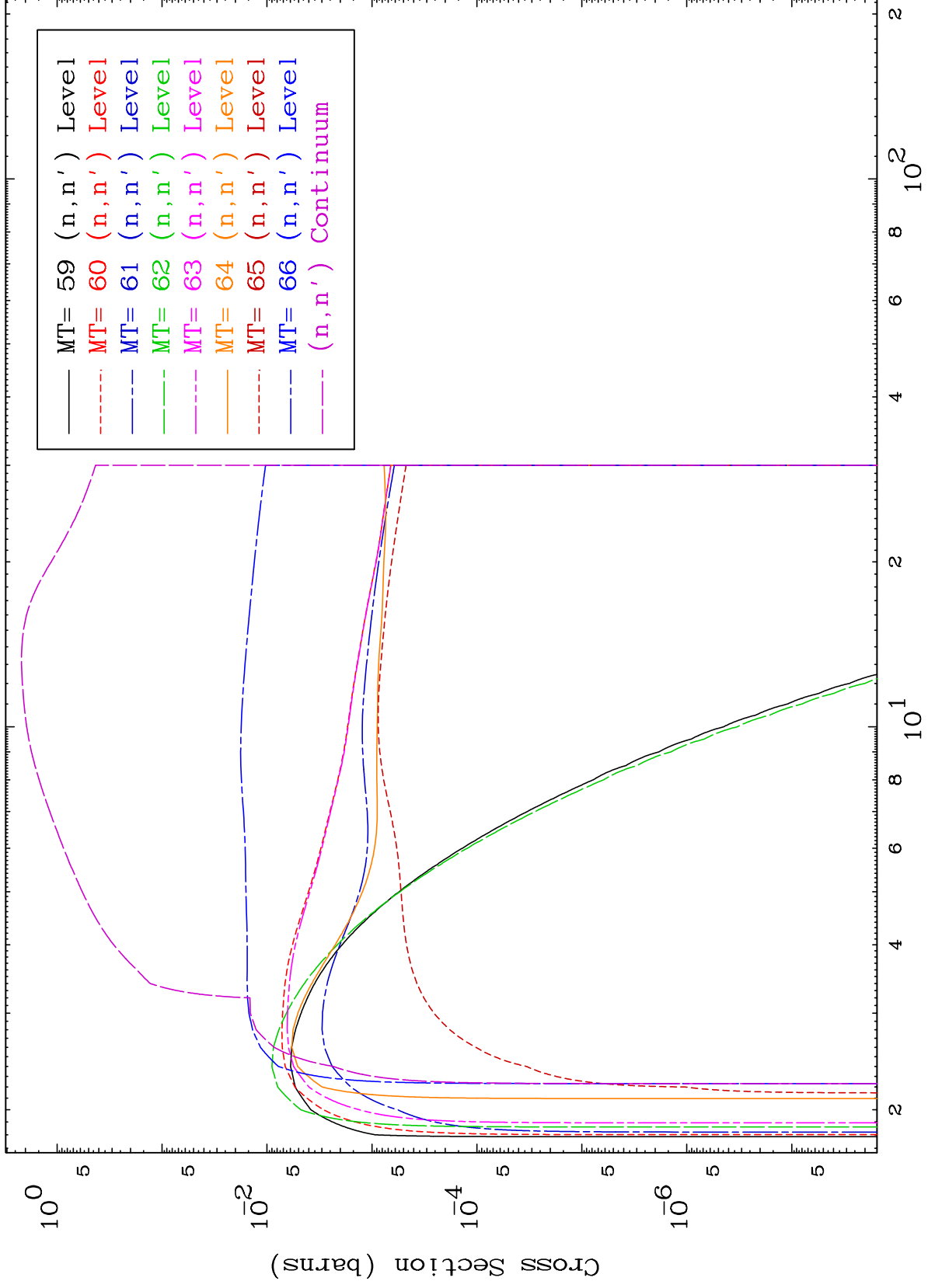


MAT 8407

(n,n') Level

84-Po-200

293 Kelvin Cross Sections



8

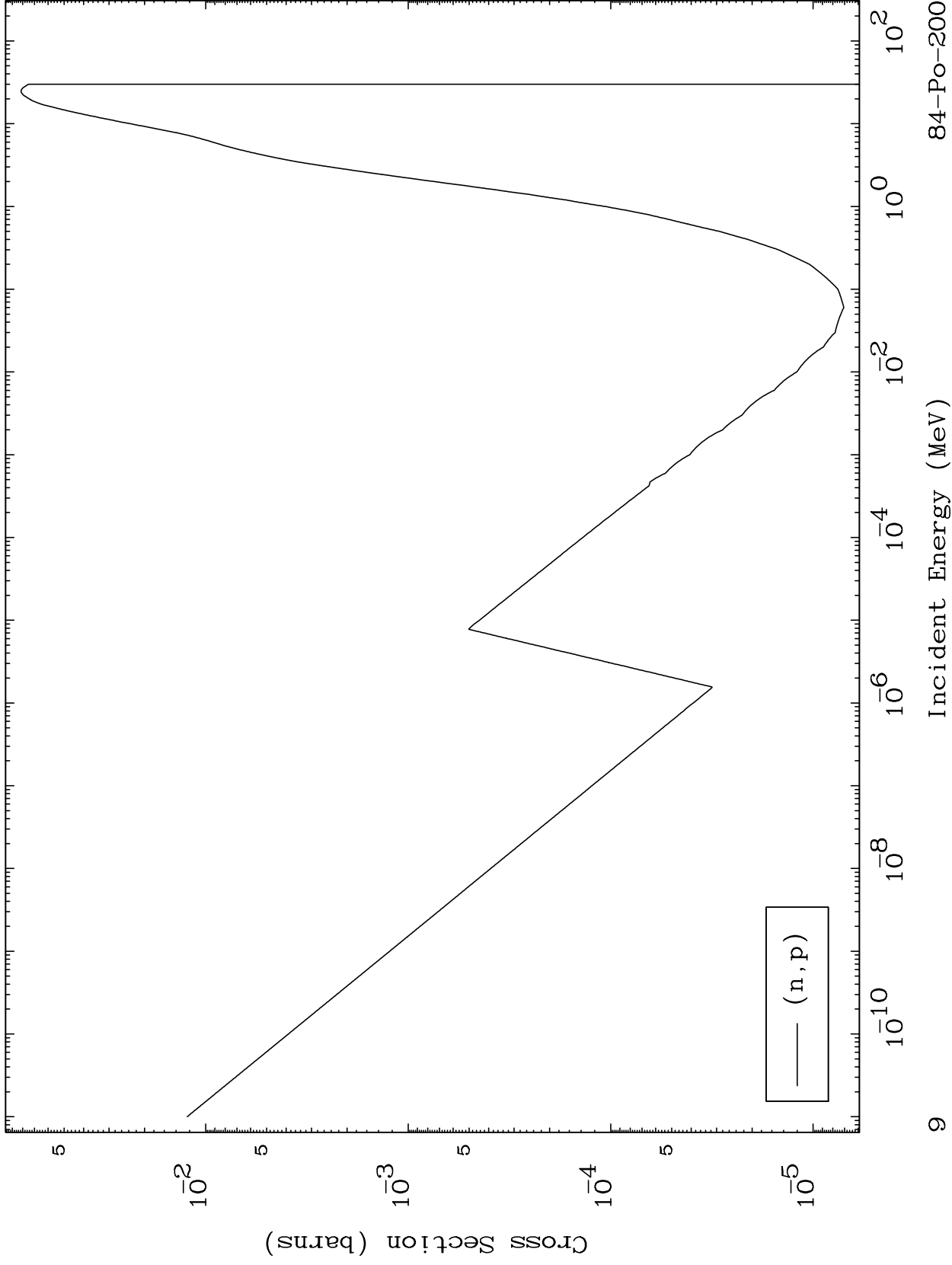
Incident Energy (MeV)

84-Po-200

MAT 8407

(n,p) Levels
293 Kelvin Cross Sections

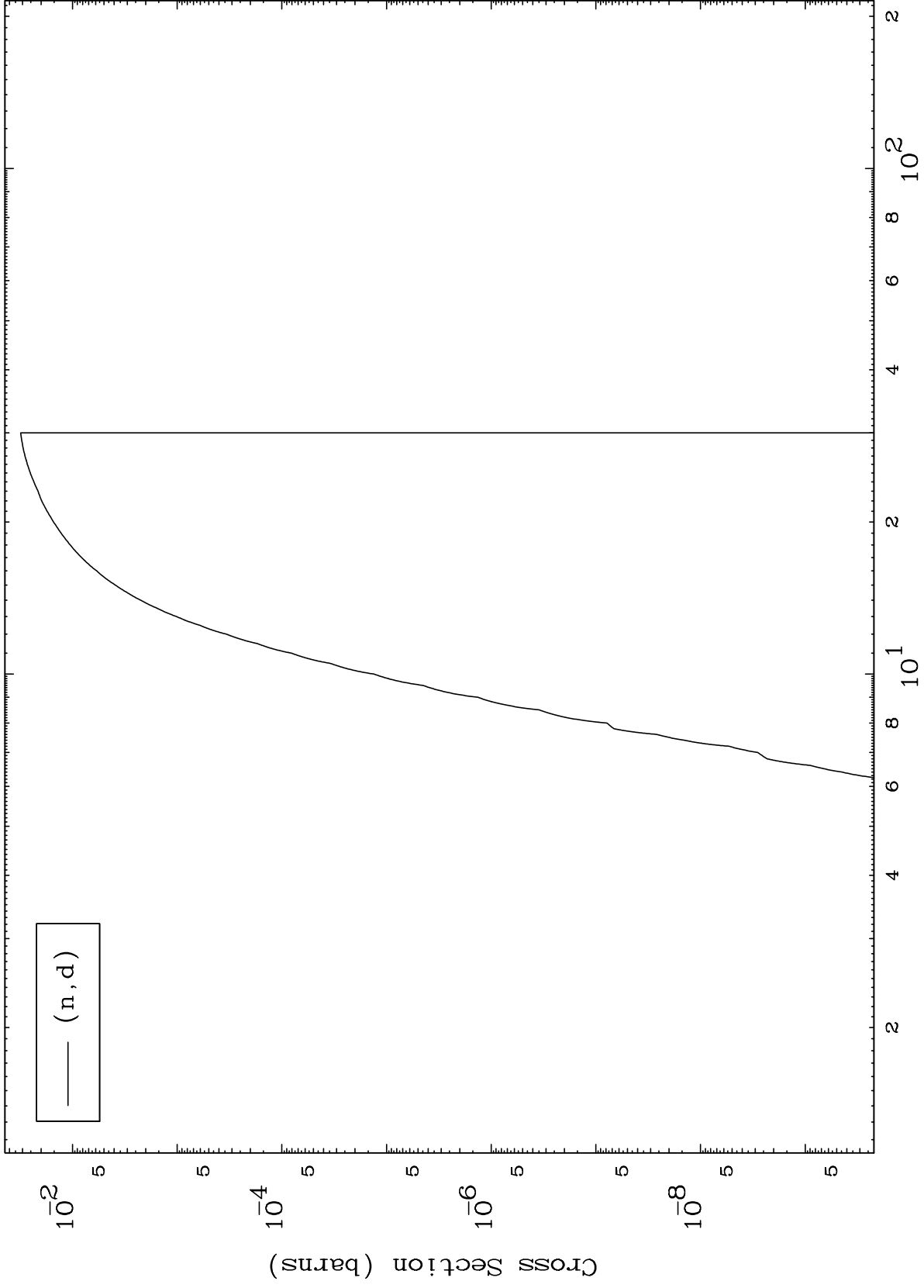
84-Po-200



MAT 8407

(n,d) Levels
293 Kelvin Cross Sections

84-Po-200



10

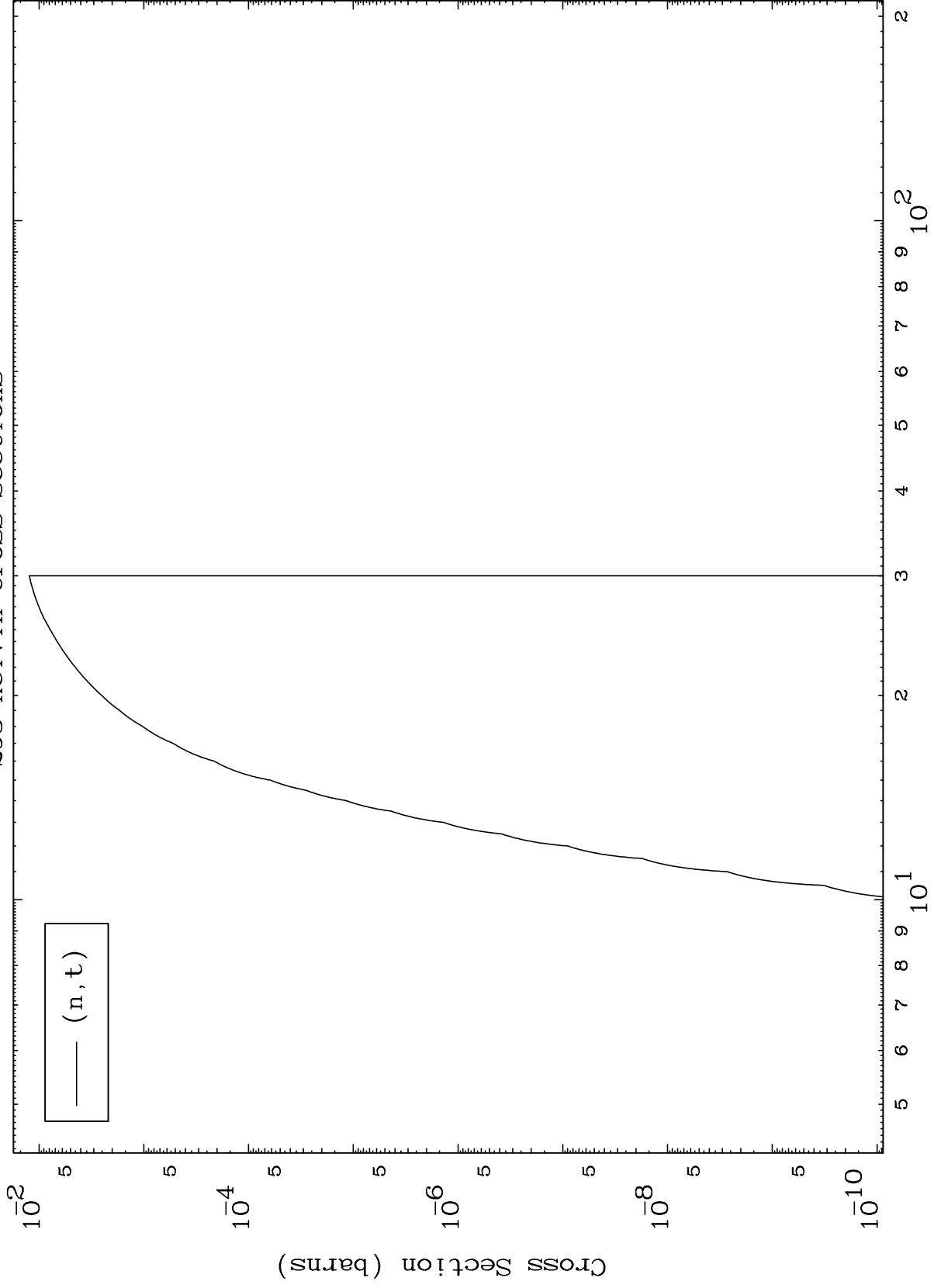
Incident Energy (MeV)

84-Po-200

MAT 8407

(n,t) Levels
293 Kelvin Cross Sections

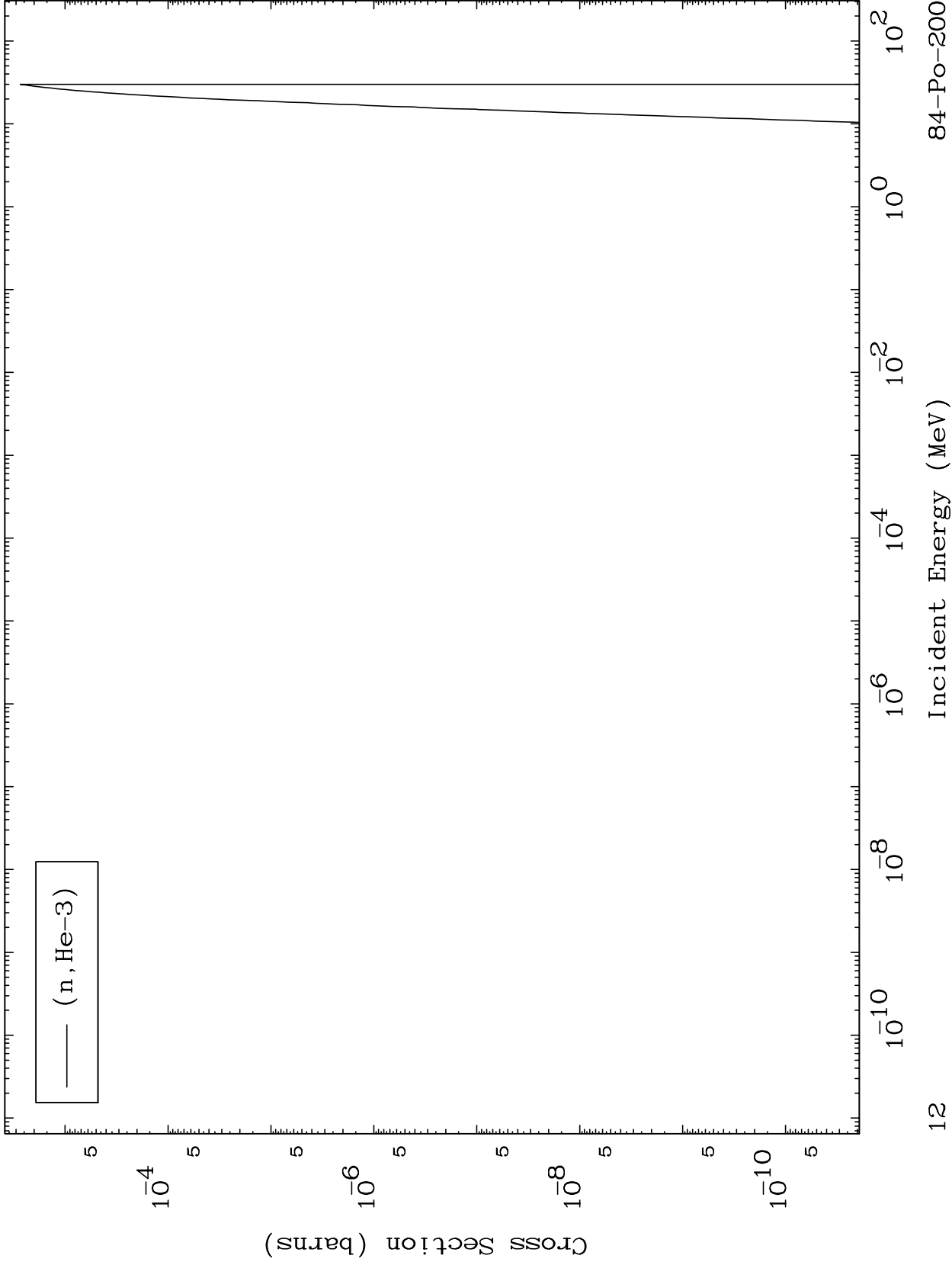
84-Po-200



MAT 8407

(n,He3) Levels
293 Kelvin Cross Sections

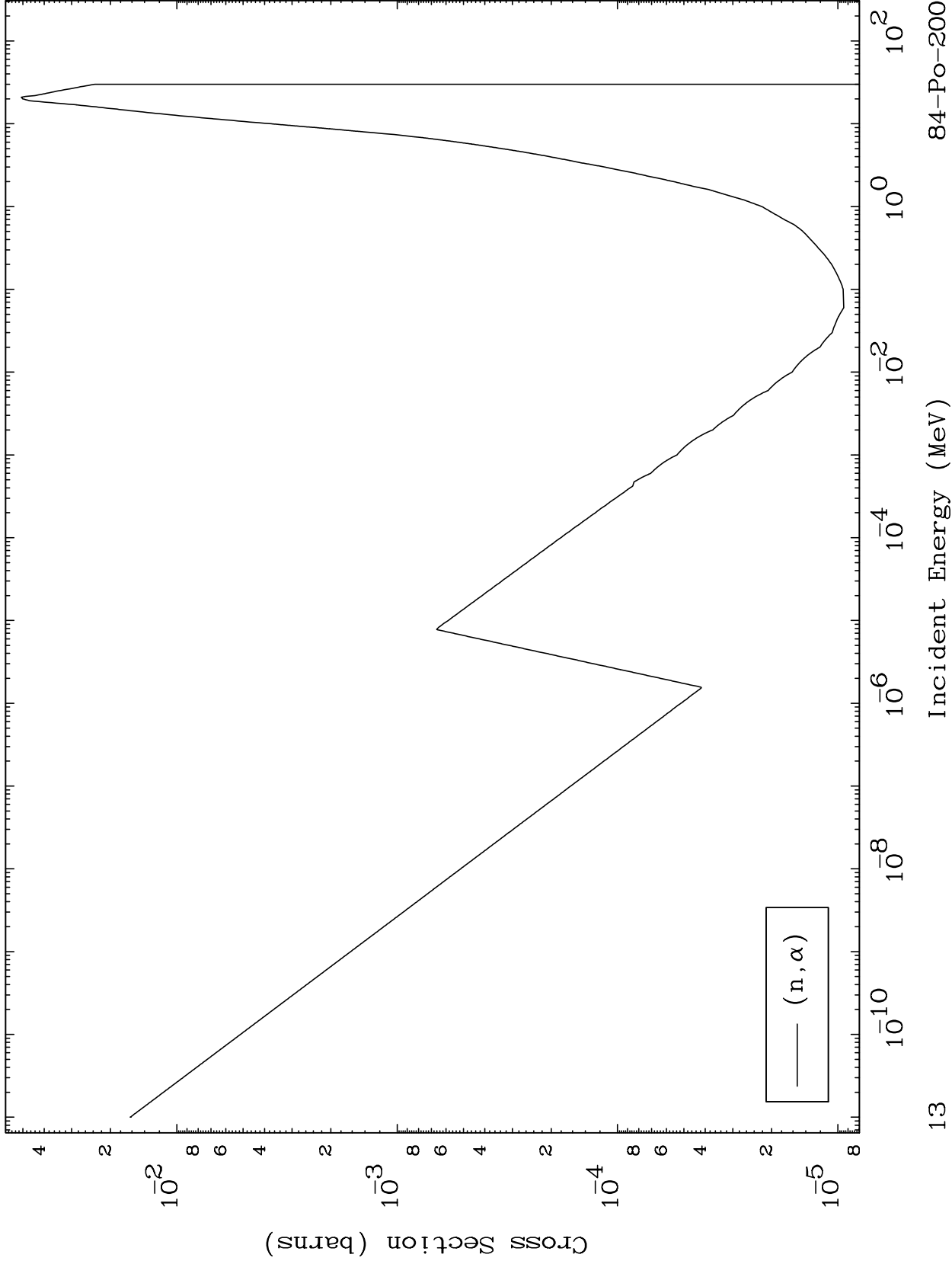
84-Po-200

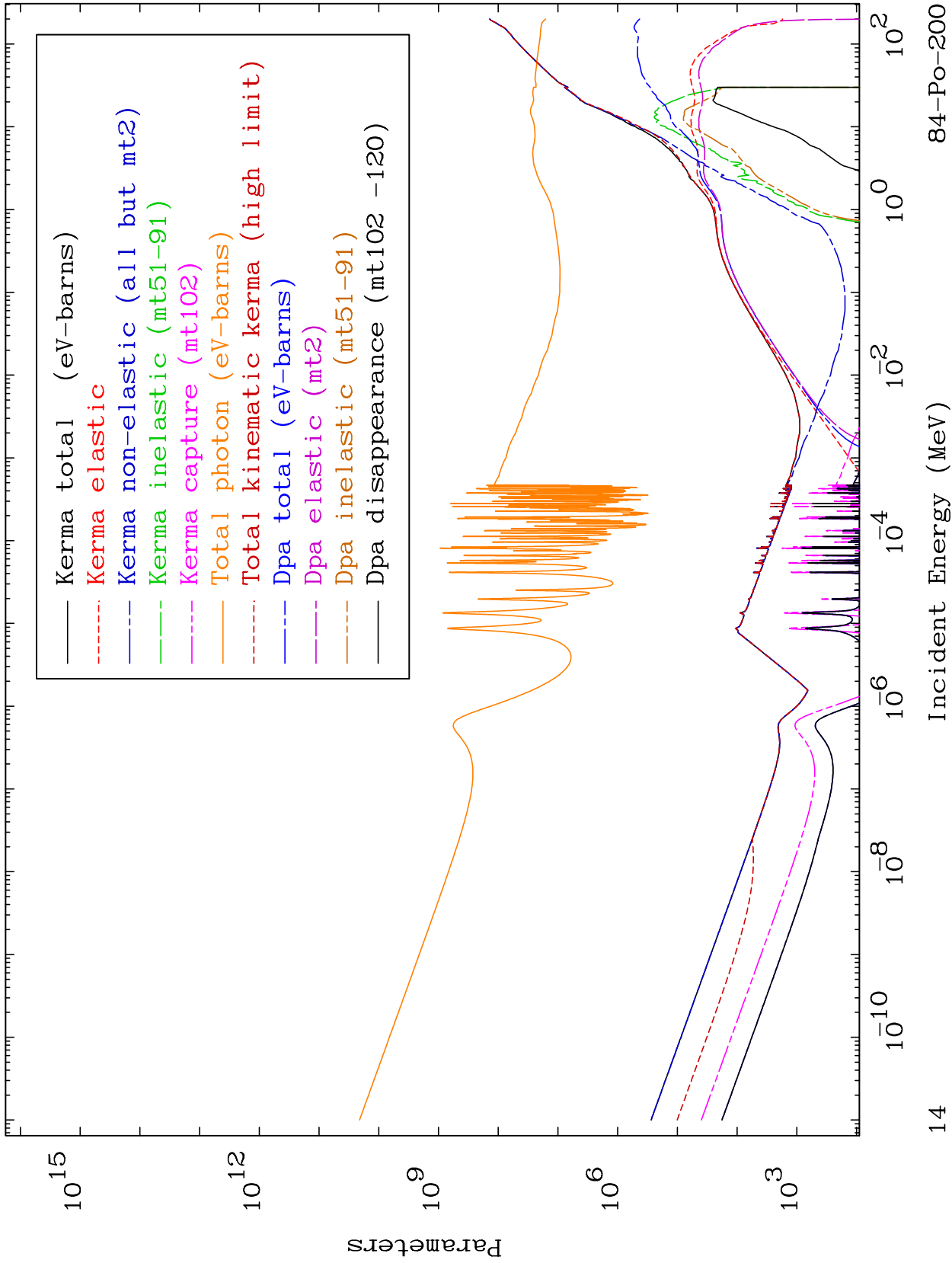


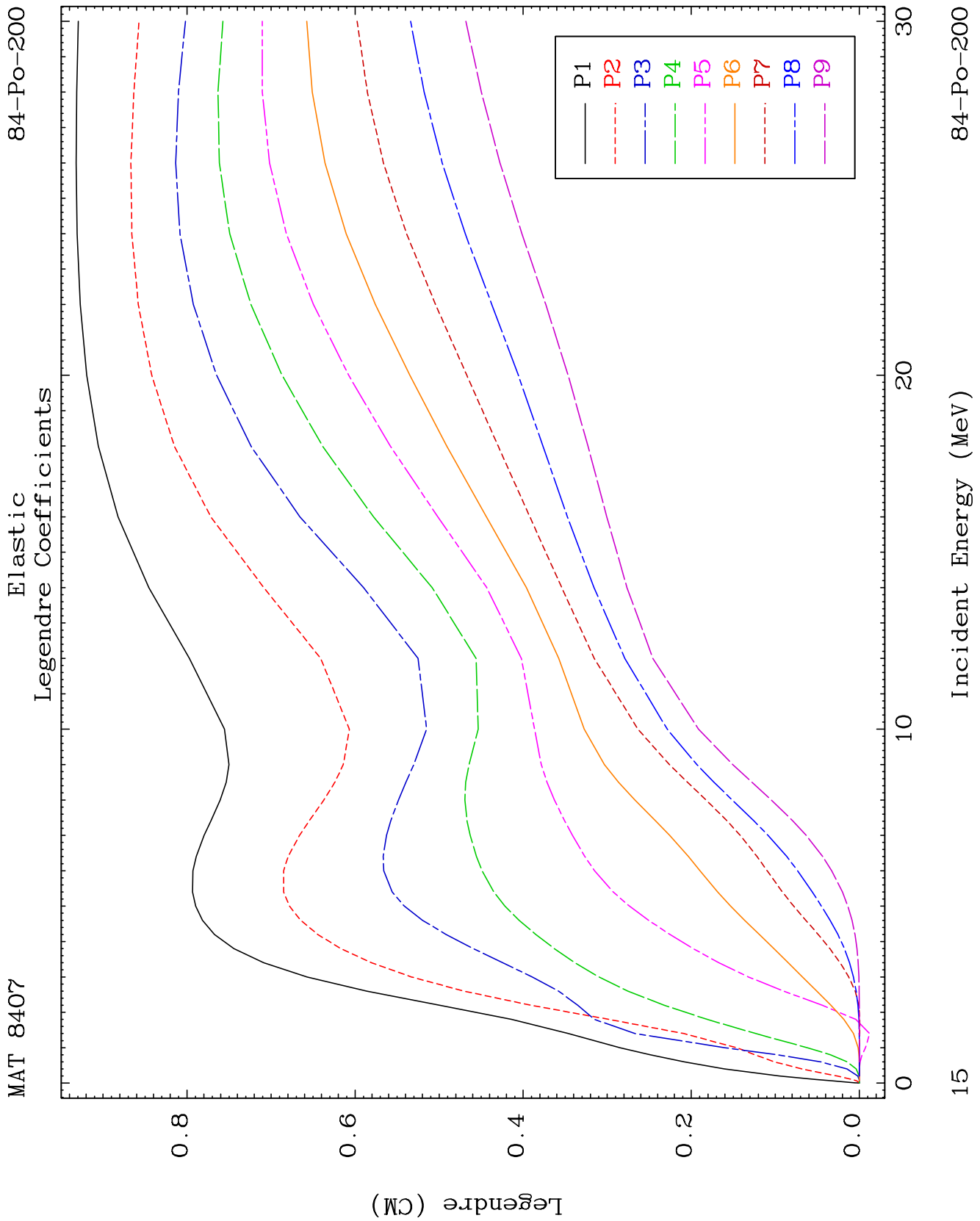
MAT 8407

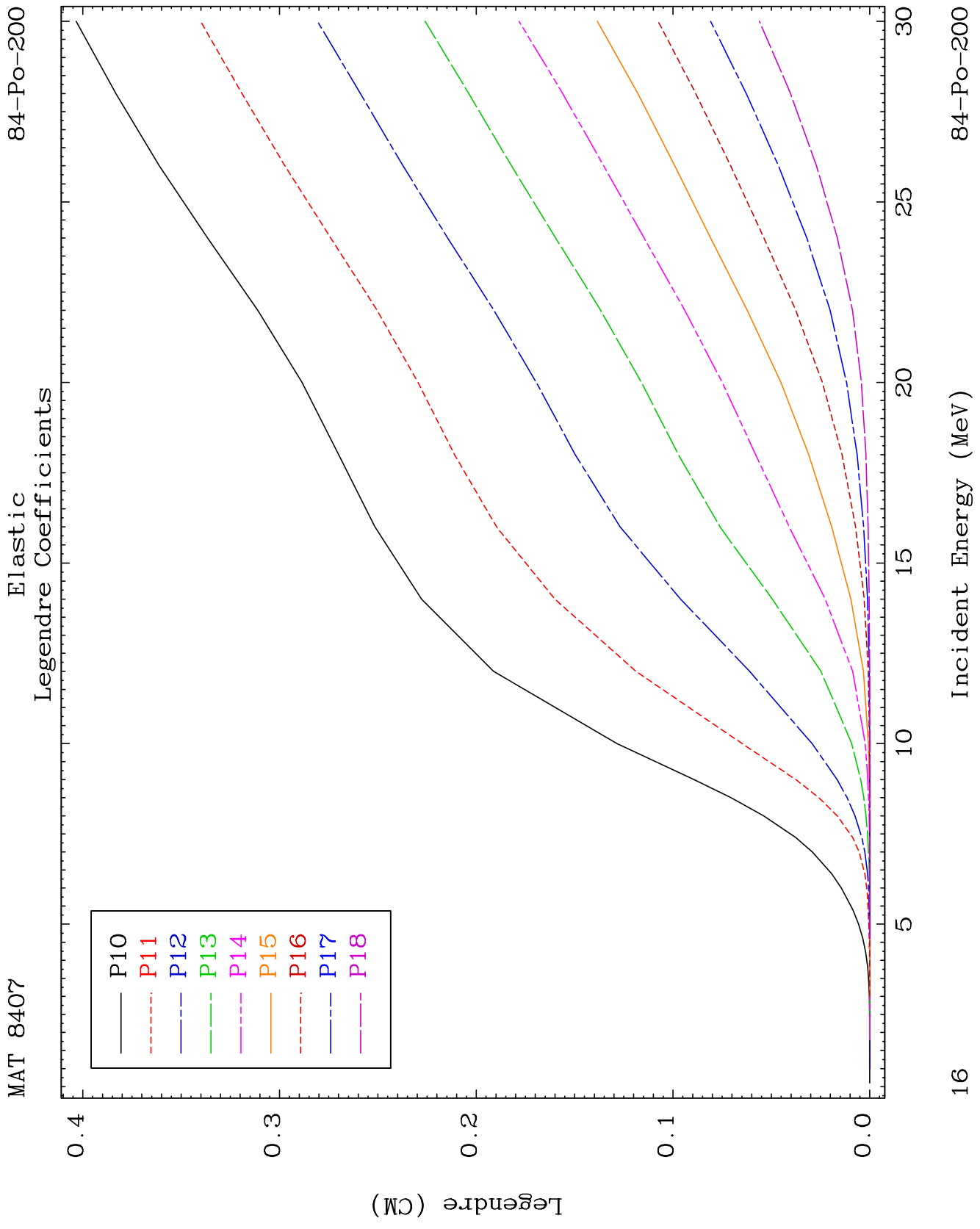
(n, α) Levels
293 Kelvin Cross Sections

84-Po-200





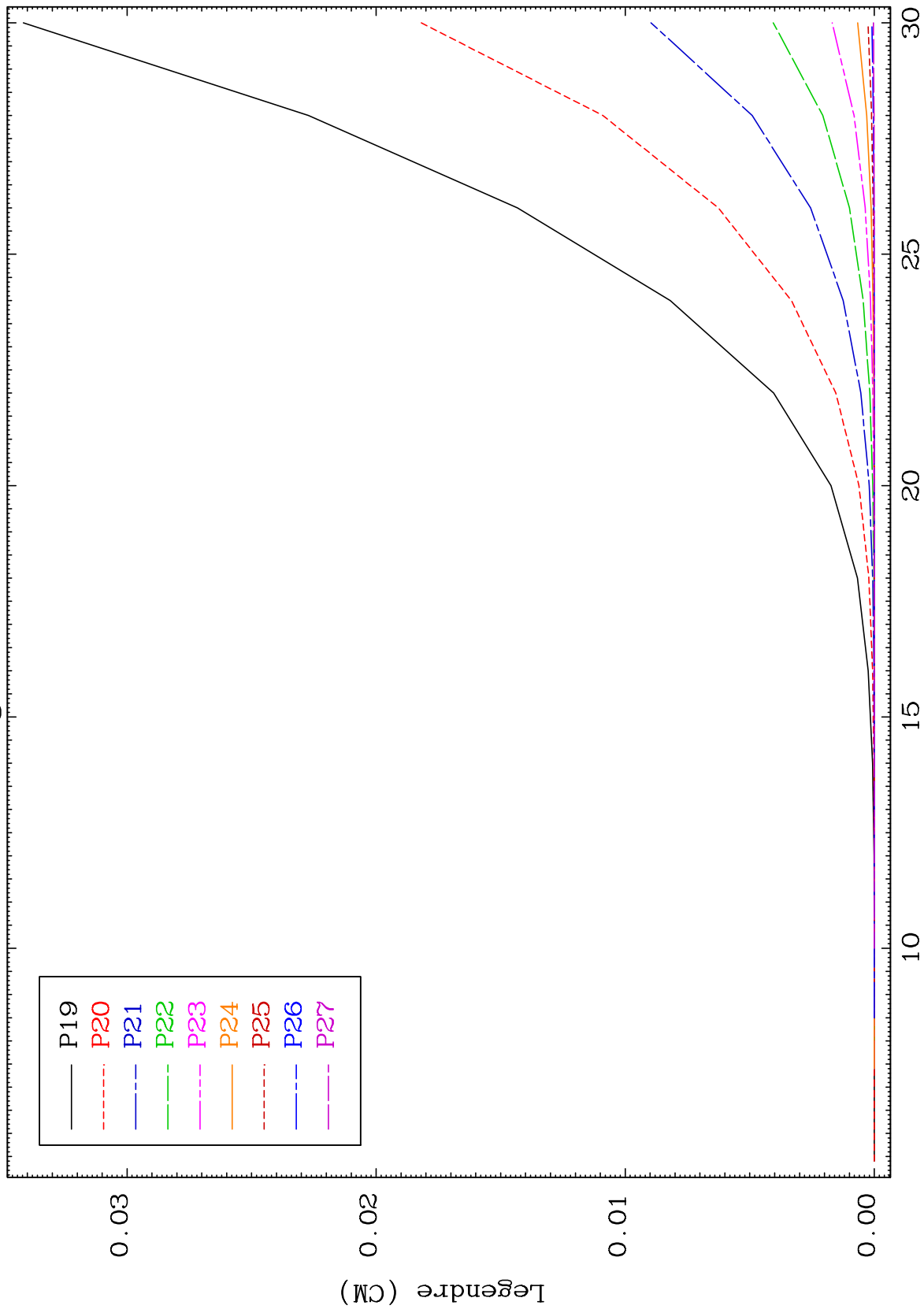




MAT 8407

Elastic
Legendre Coefficients

84-Po-200



17

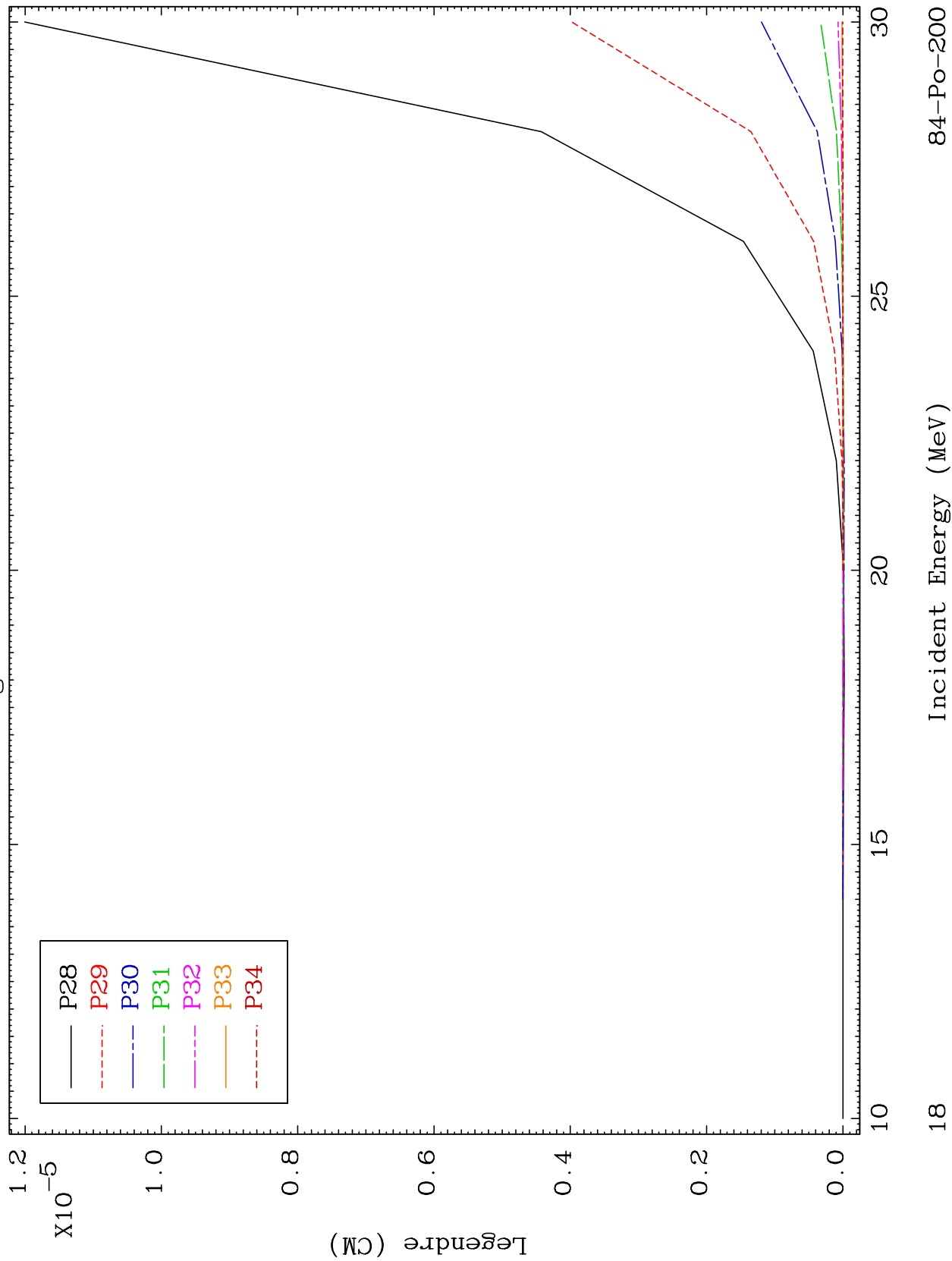
Incident Energy (MeV)

84-Po-200

MAT 8407

Elastic Legendre Coefficients

84-Po-200



18

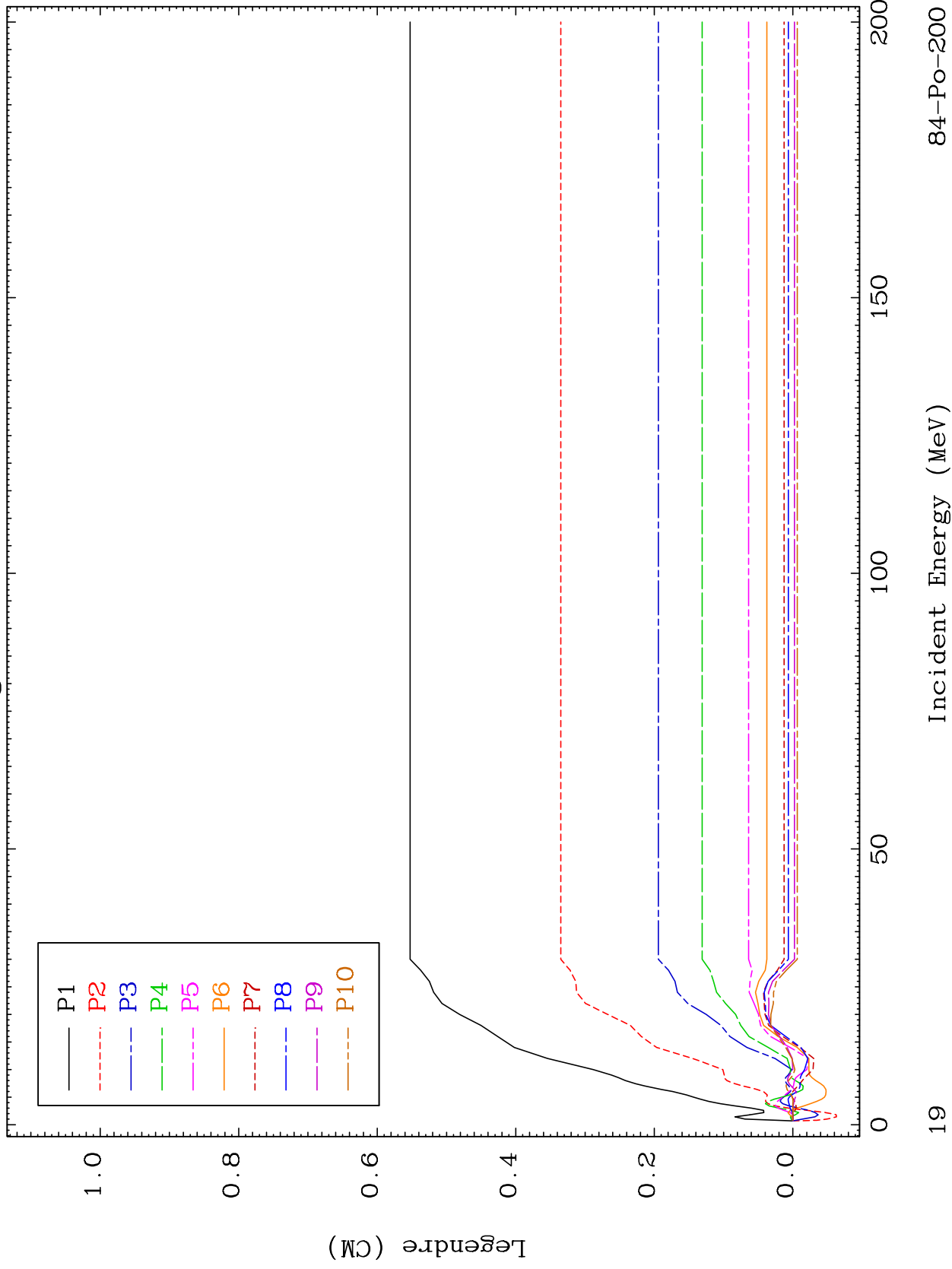
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



19

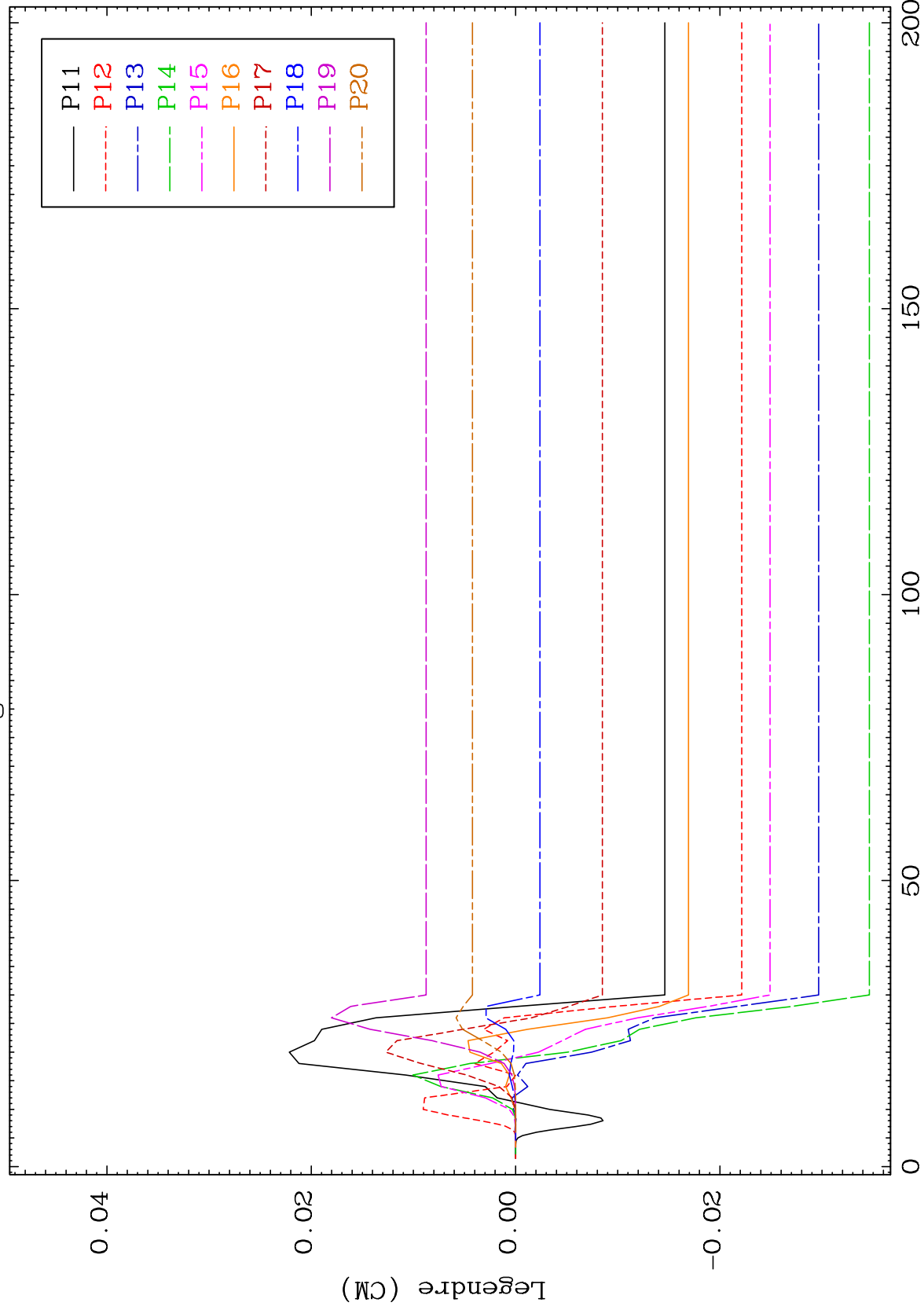
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



84-Po-200

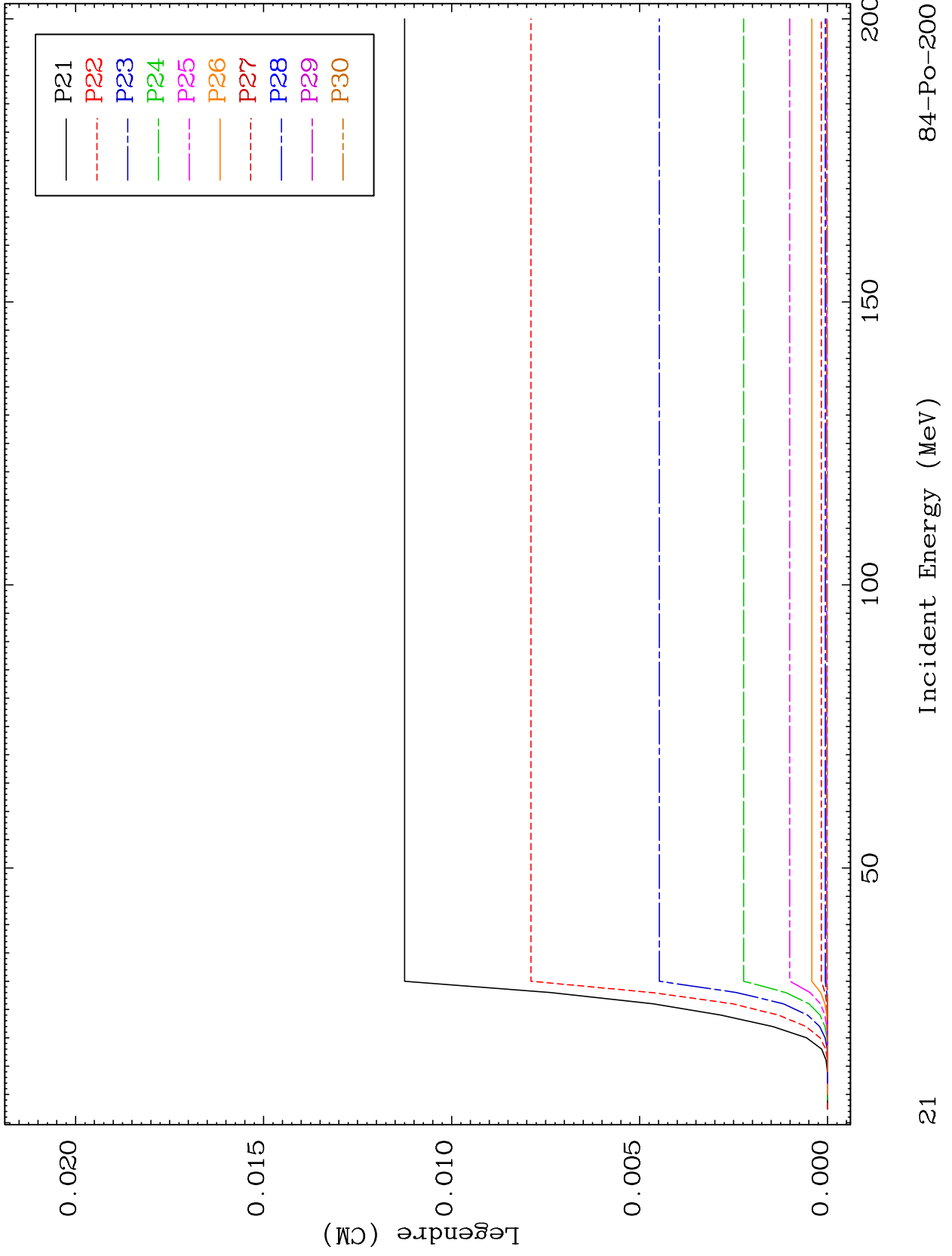
Incident Energy (MeV)

20

MAT 8407

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

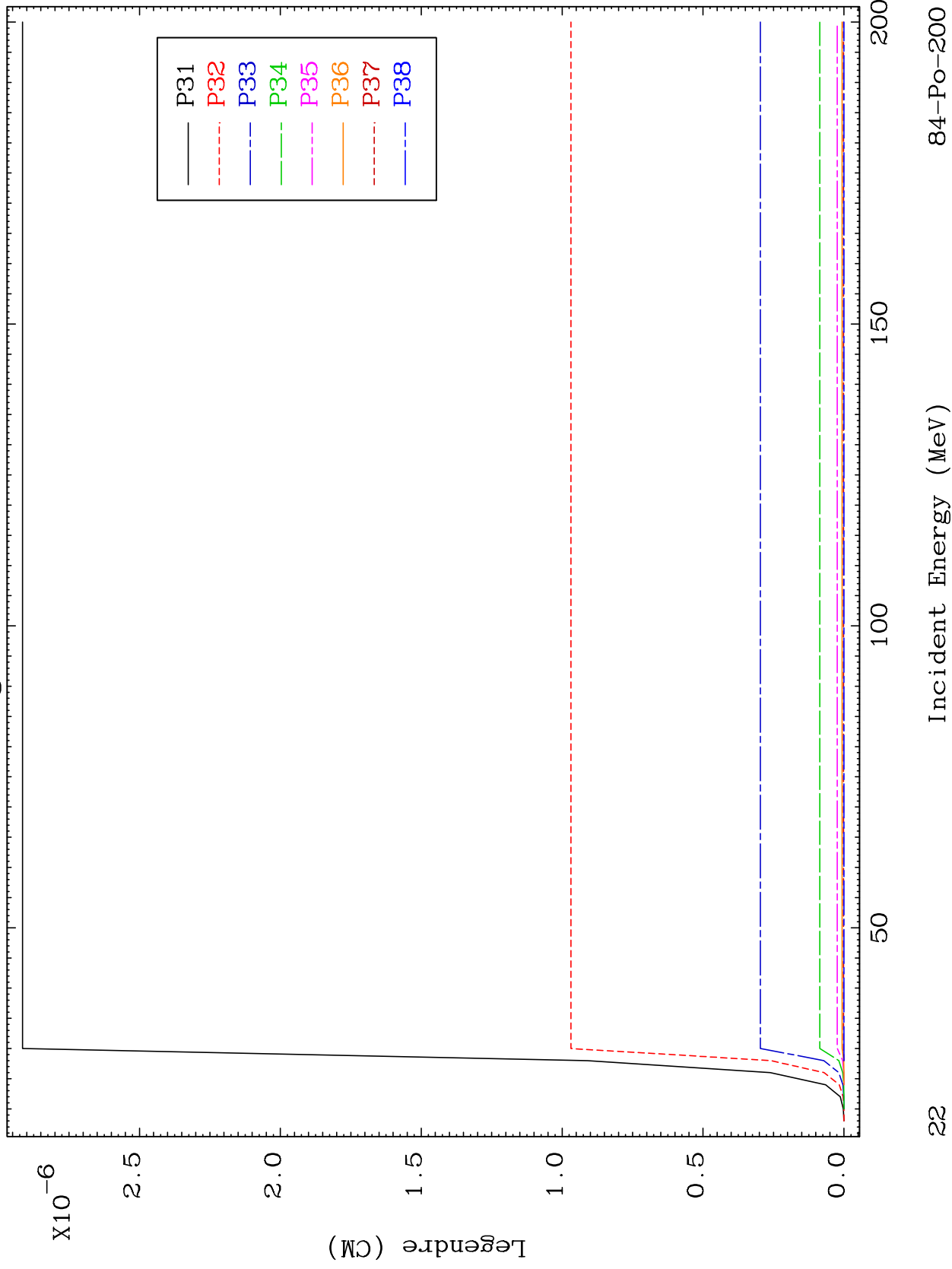
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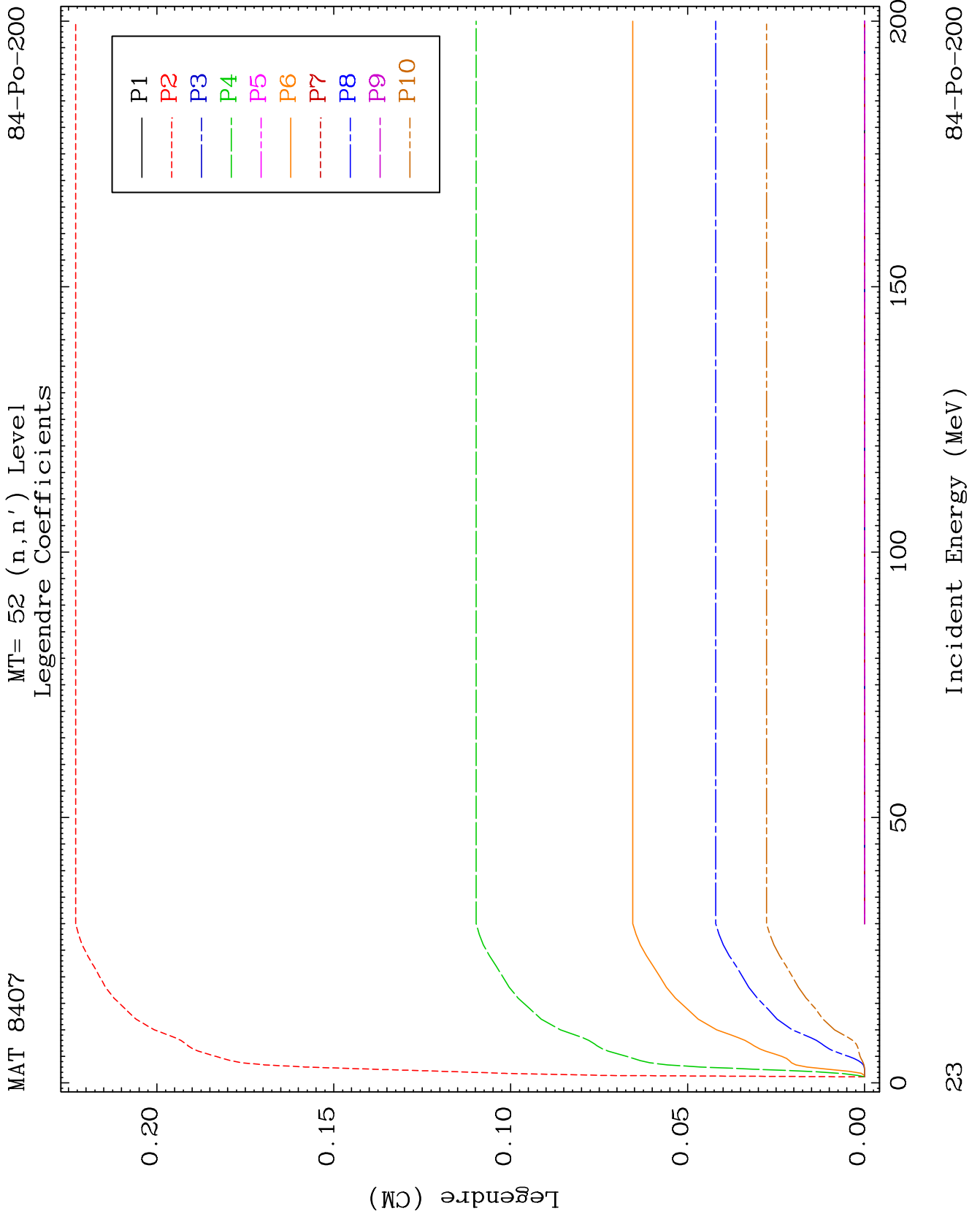


MAT 8407

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

84-Po-200

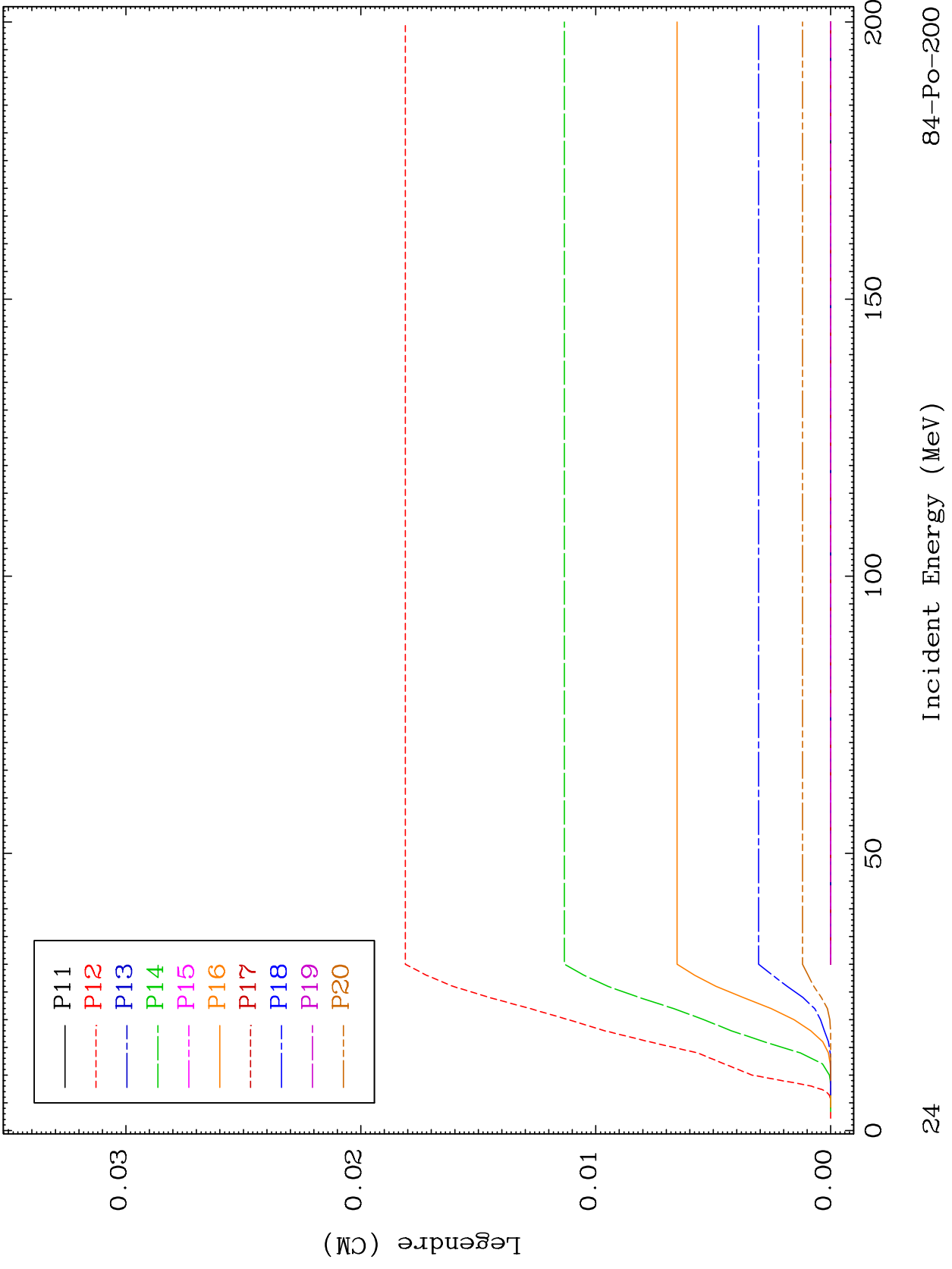




MAT 8407

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

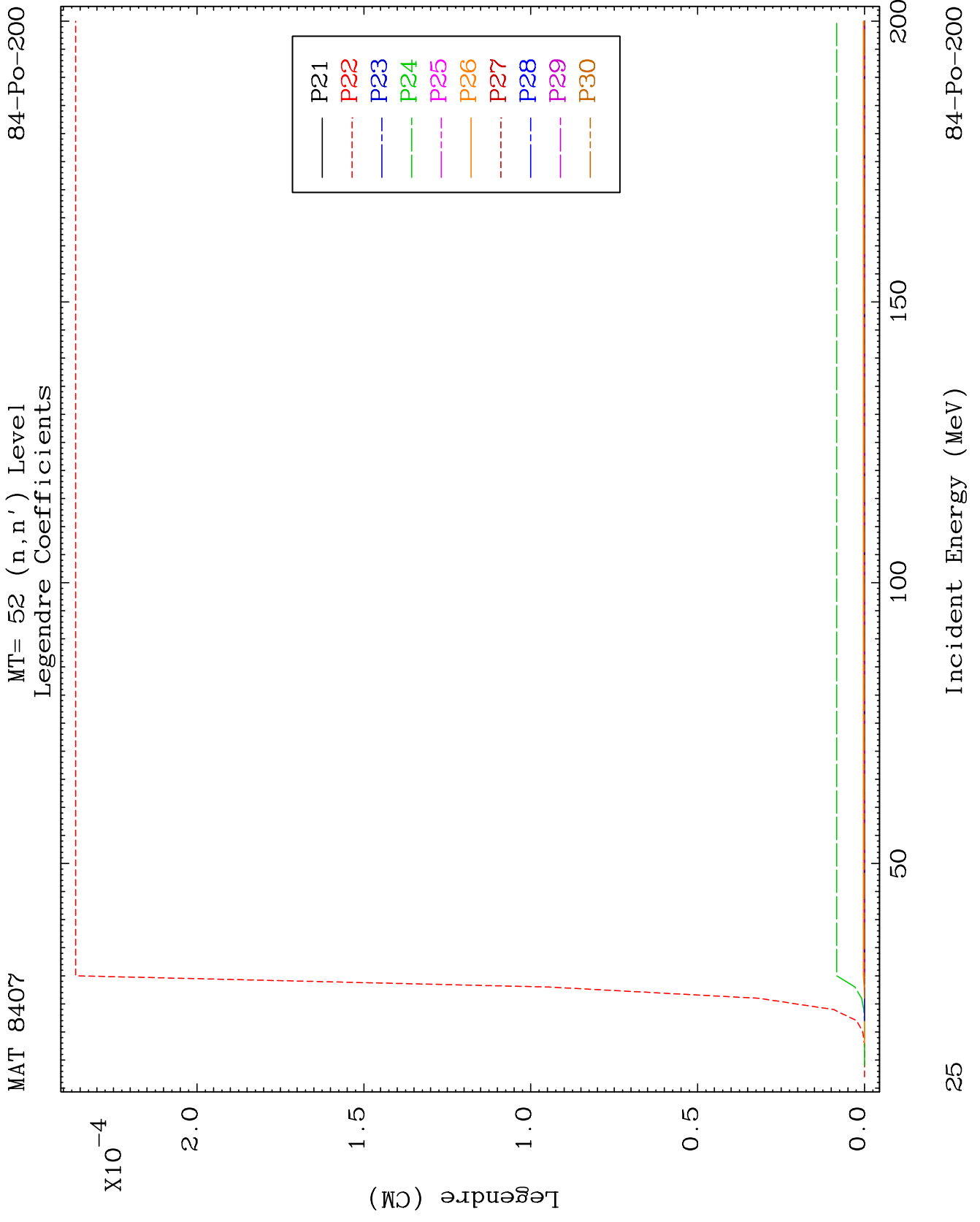
84-Po-200



24

Incident Energy (MeV)

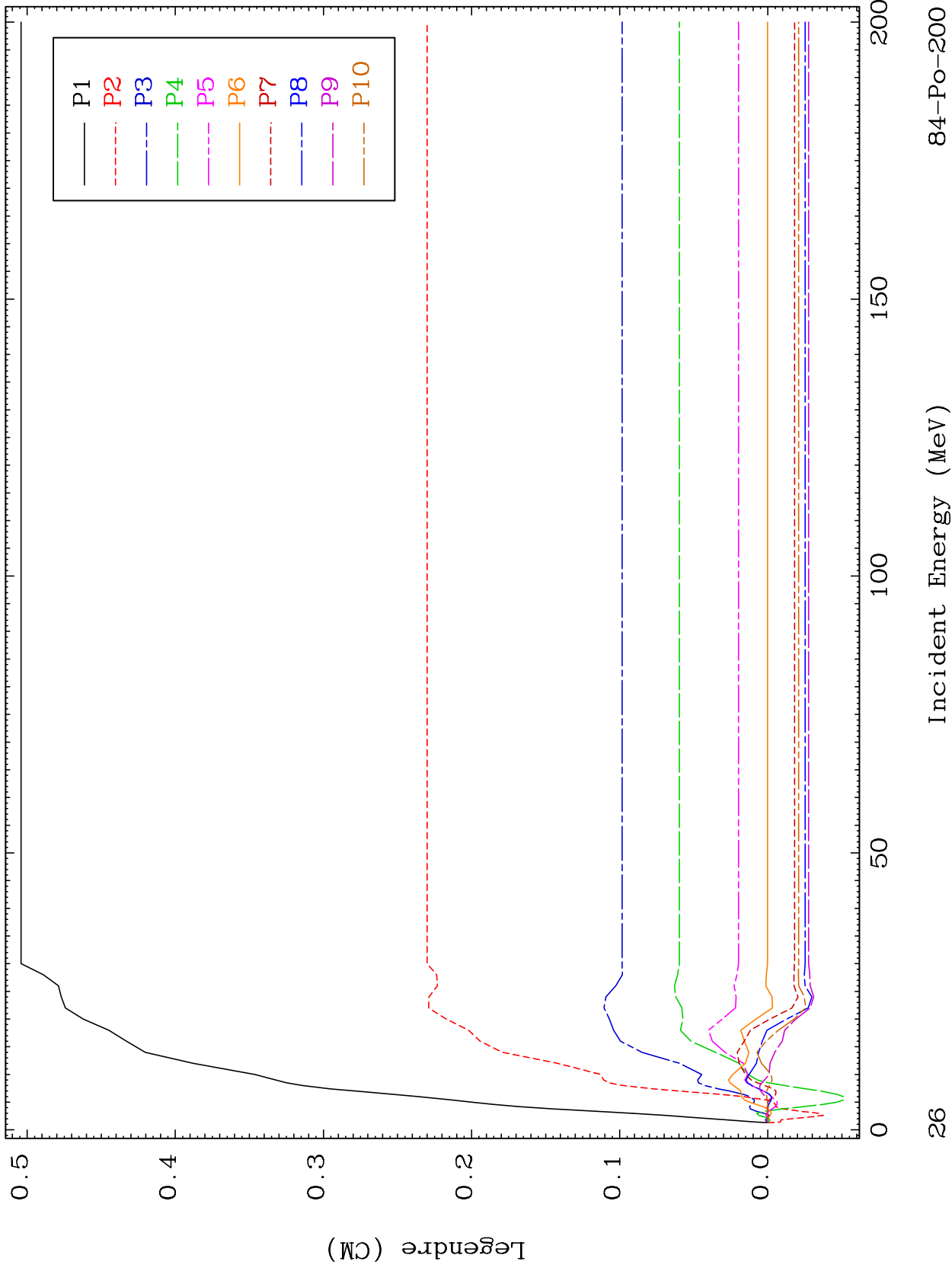
84-Po-200



MAT 8407

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

84-Po-200



26

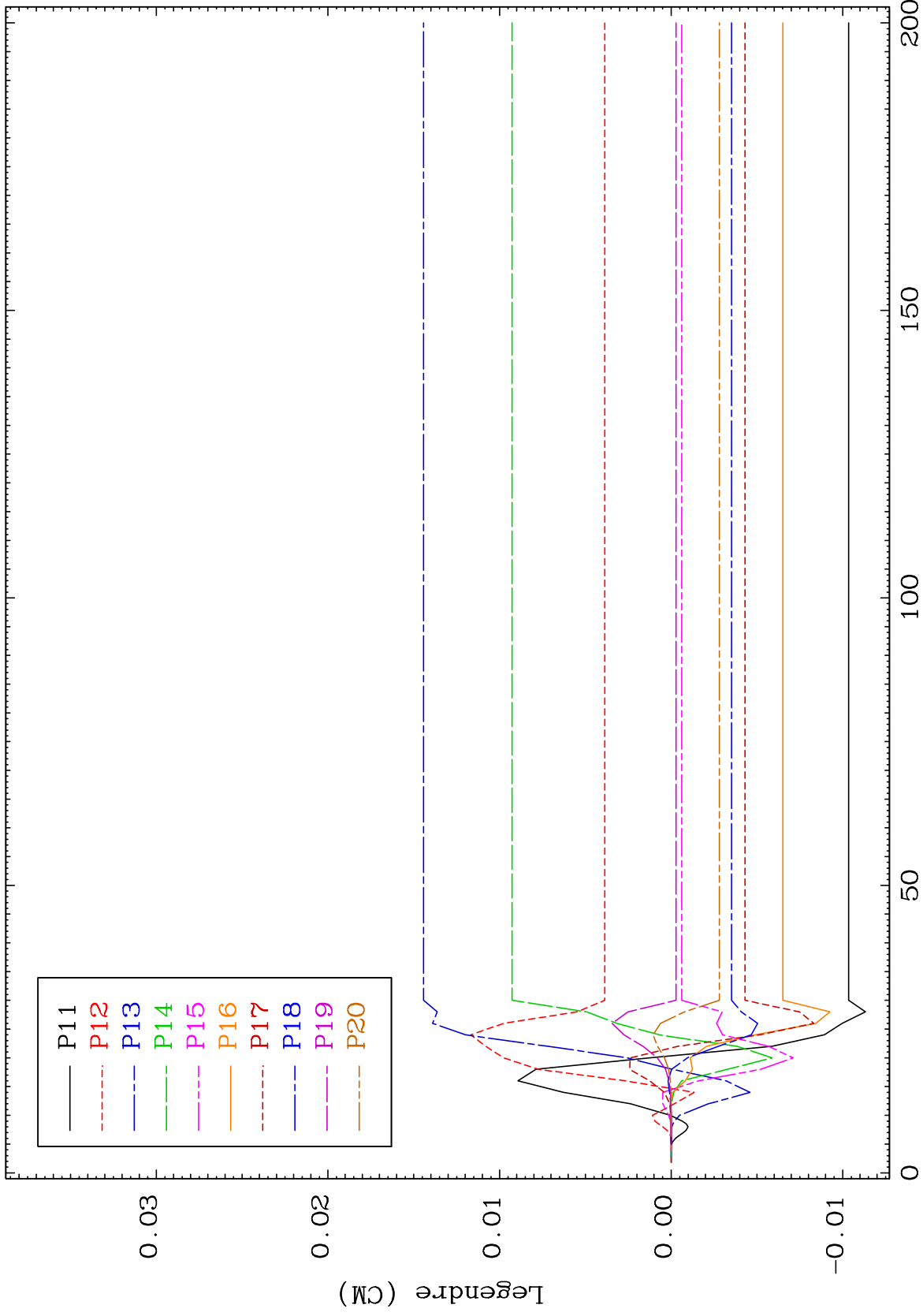
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



27

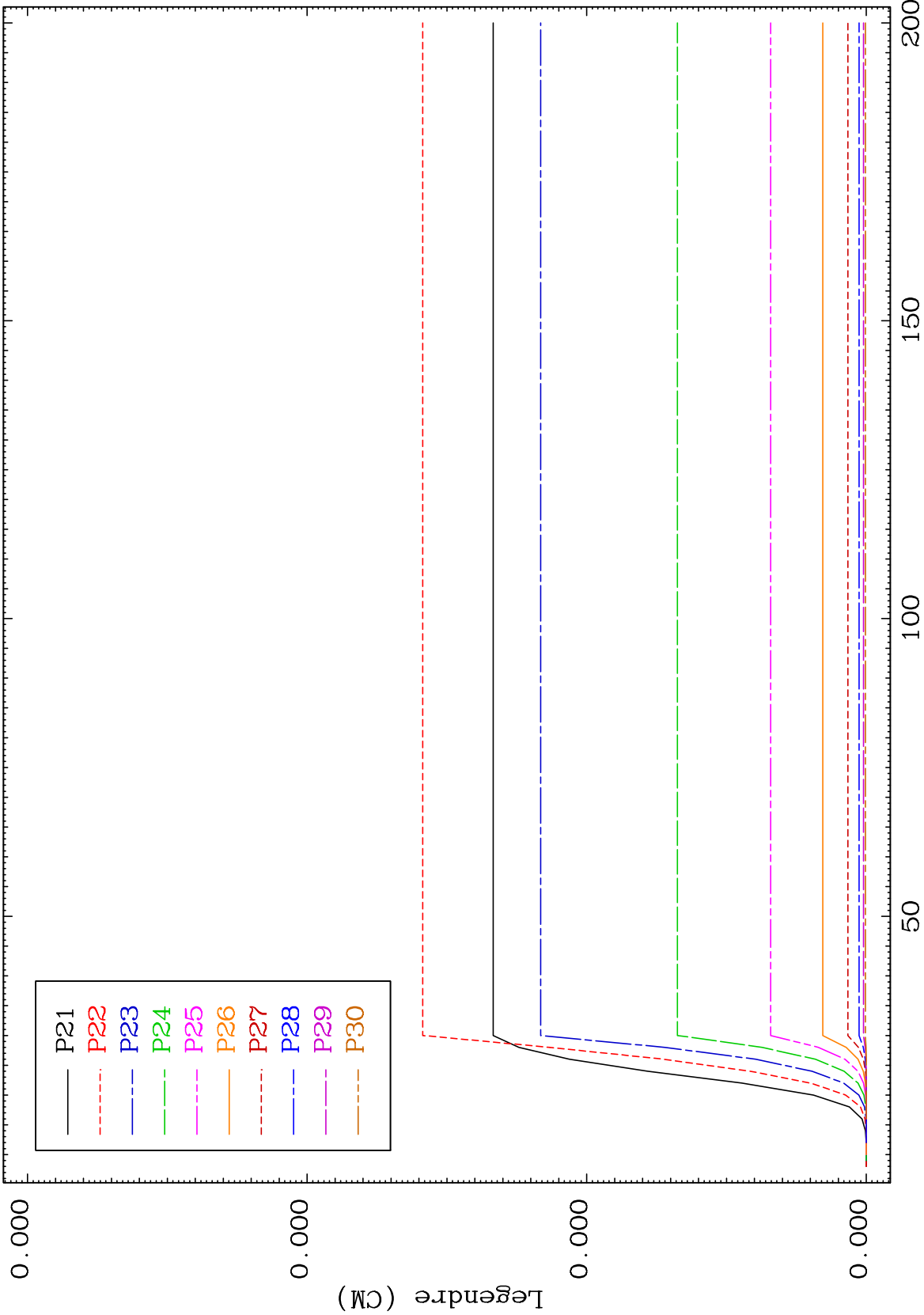
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



28

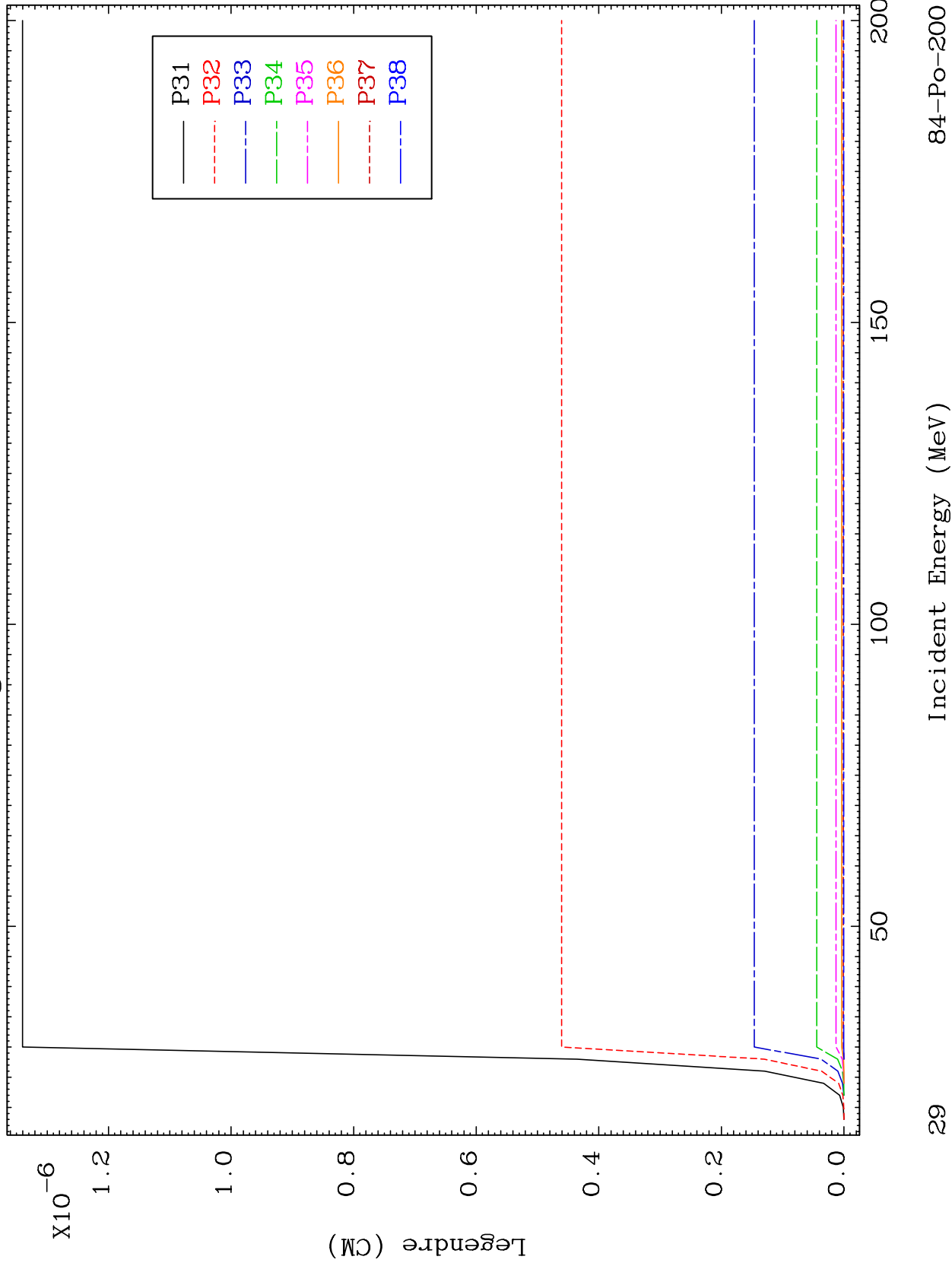
Incident Energy (MeV)

84-Po-200

MAT 8407

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

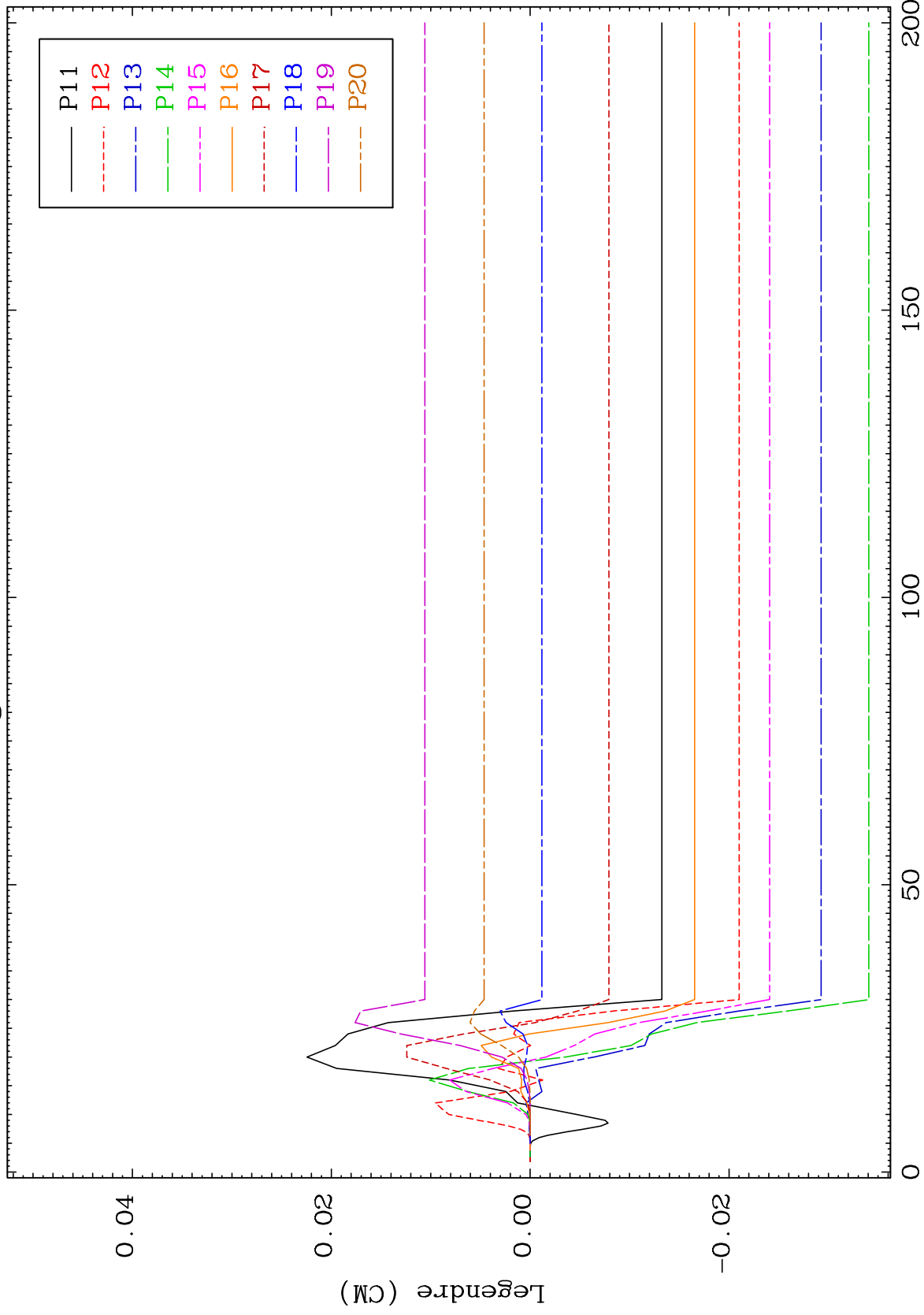
84-Po-200



MAT 8407

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

84-Po-200



31

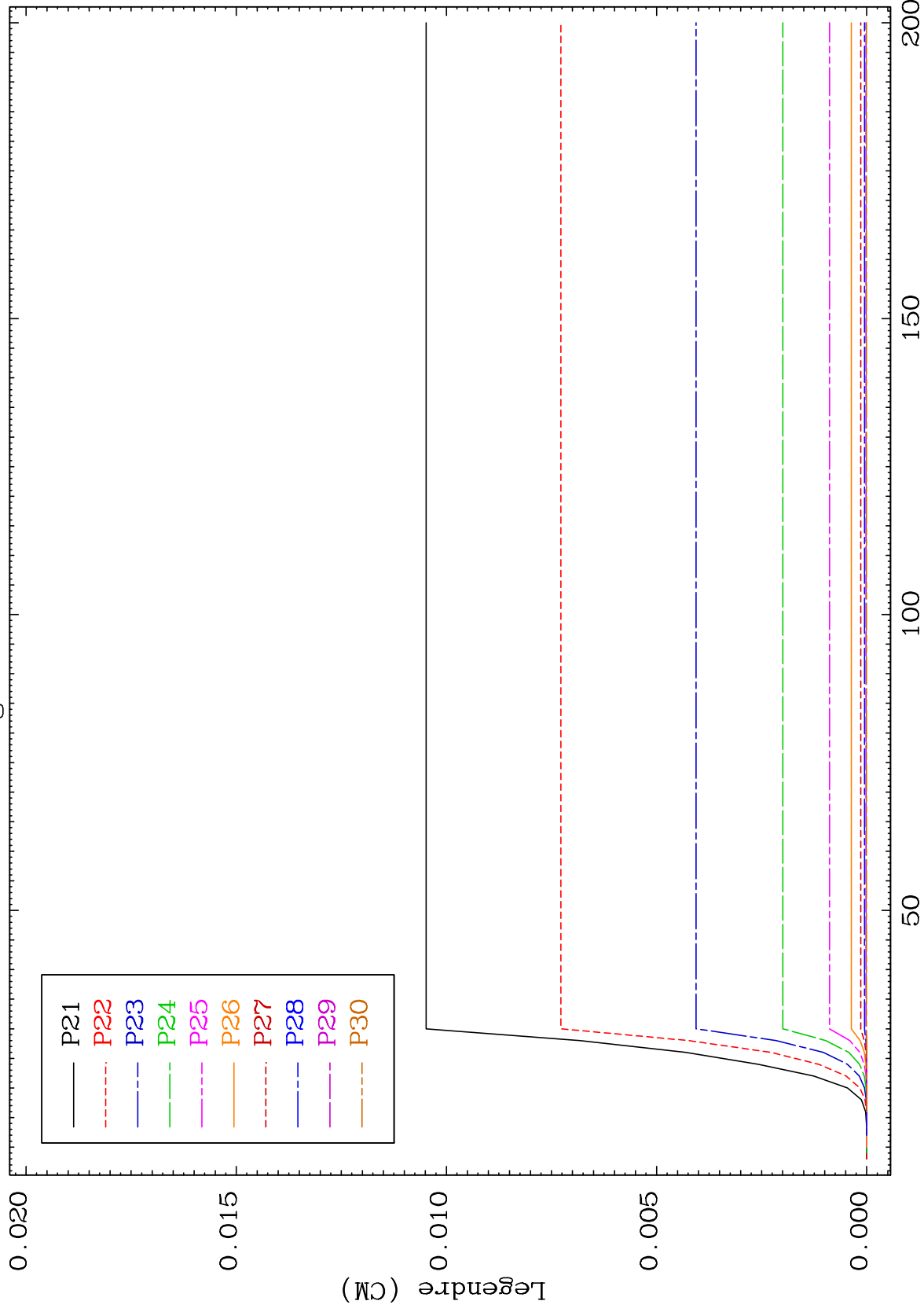
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



32

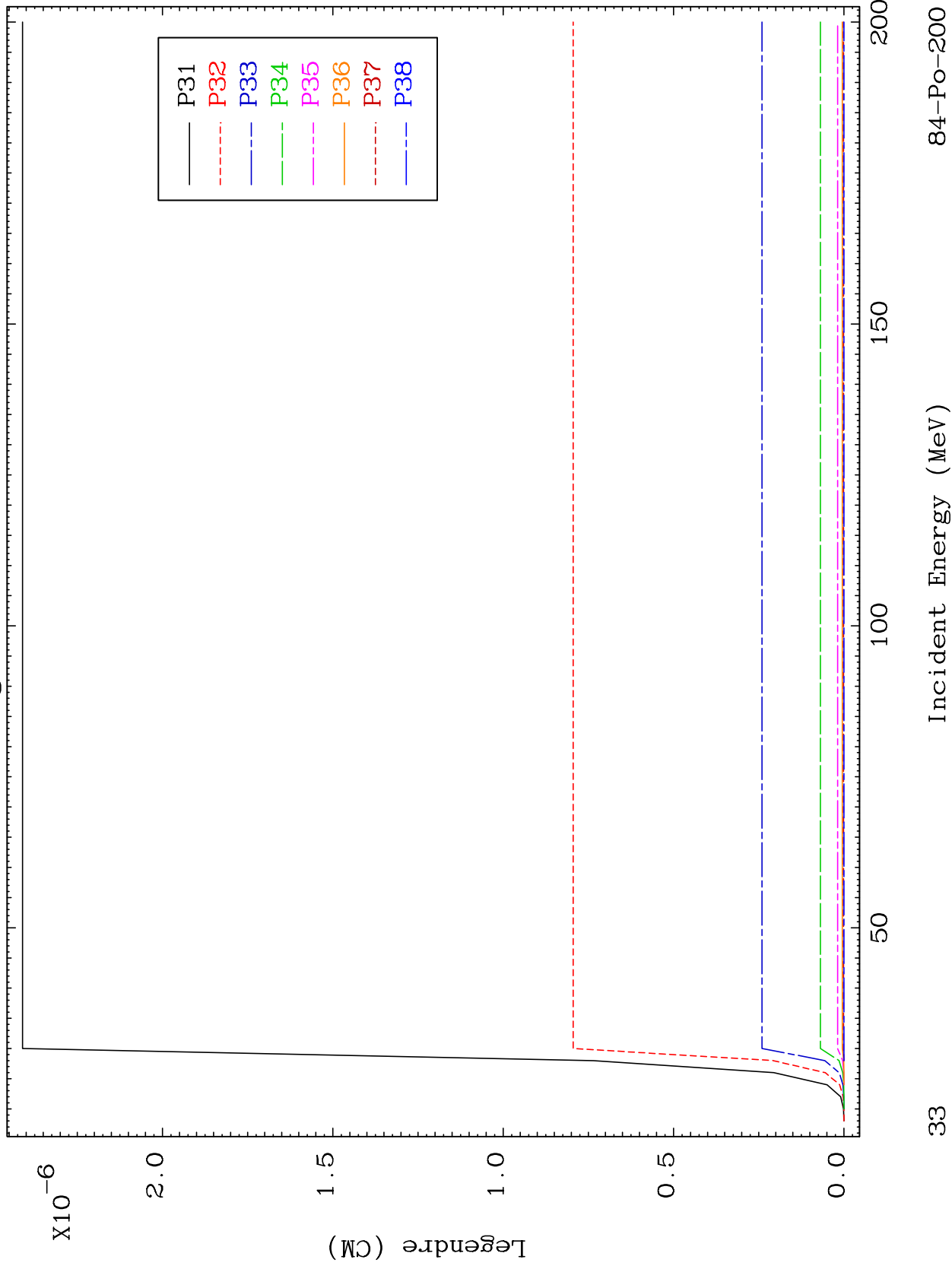
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



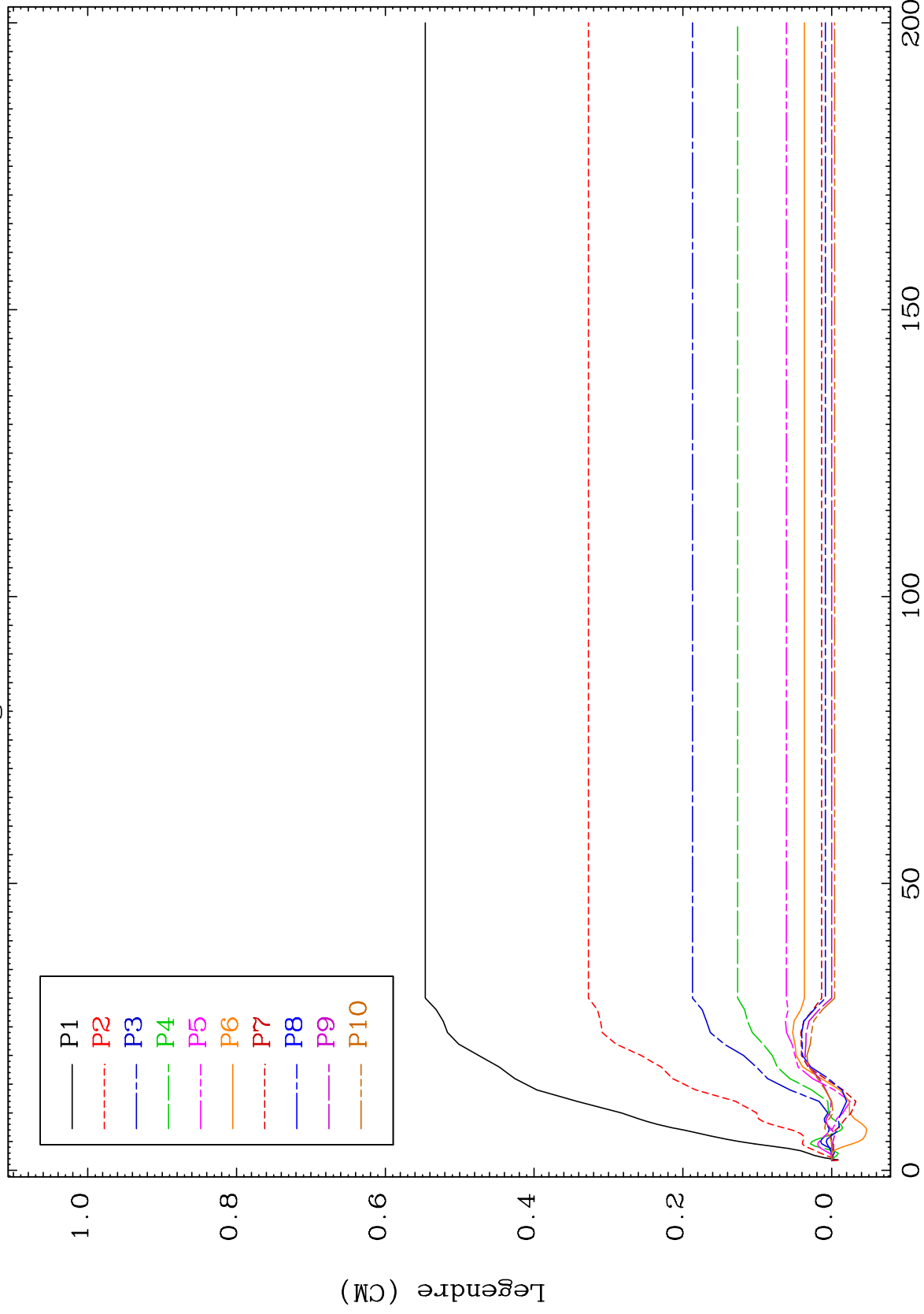
33

84-Po-200

MAT 8407

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

84-Po-200



34

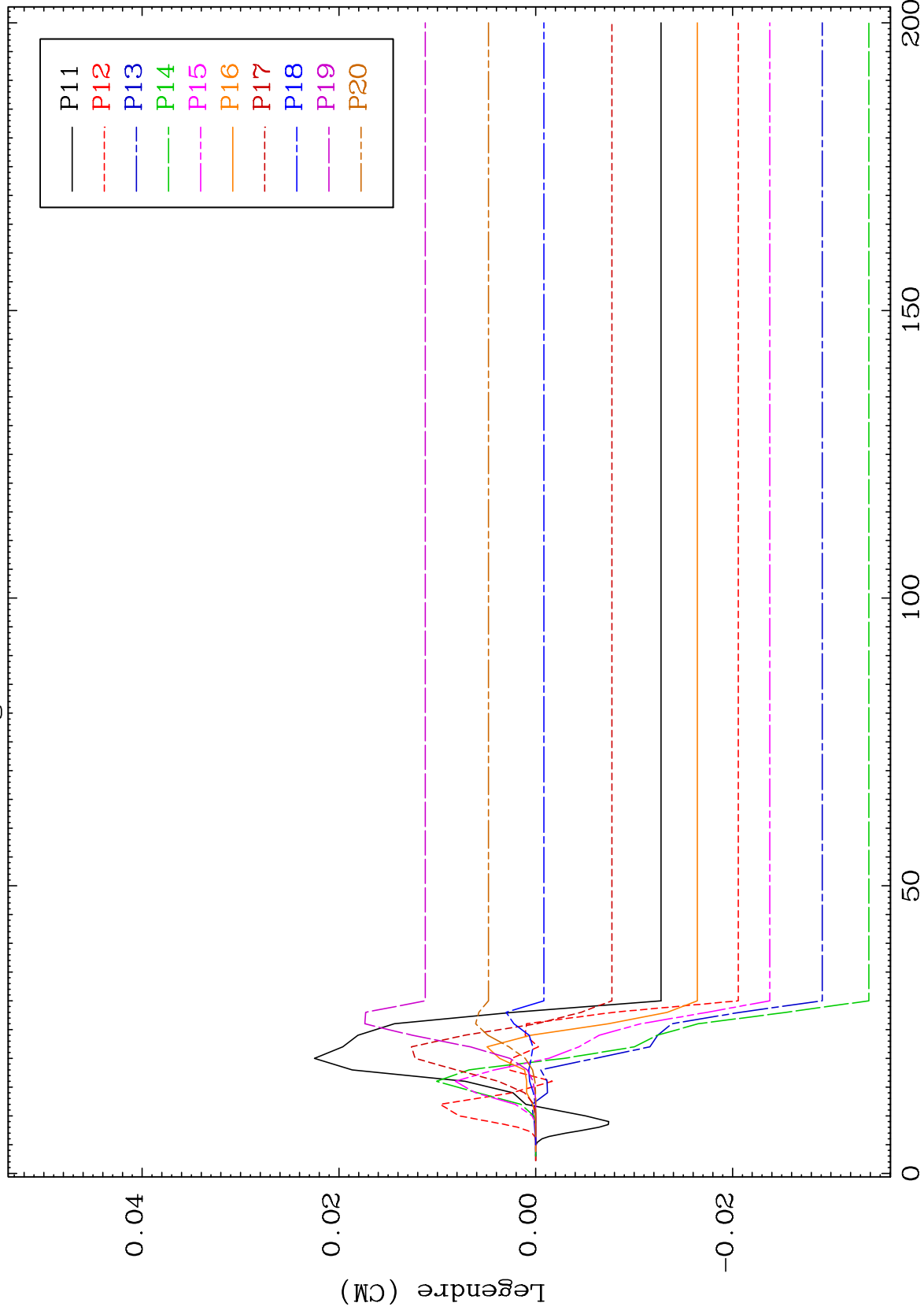
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



35

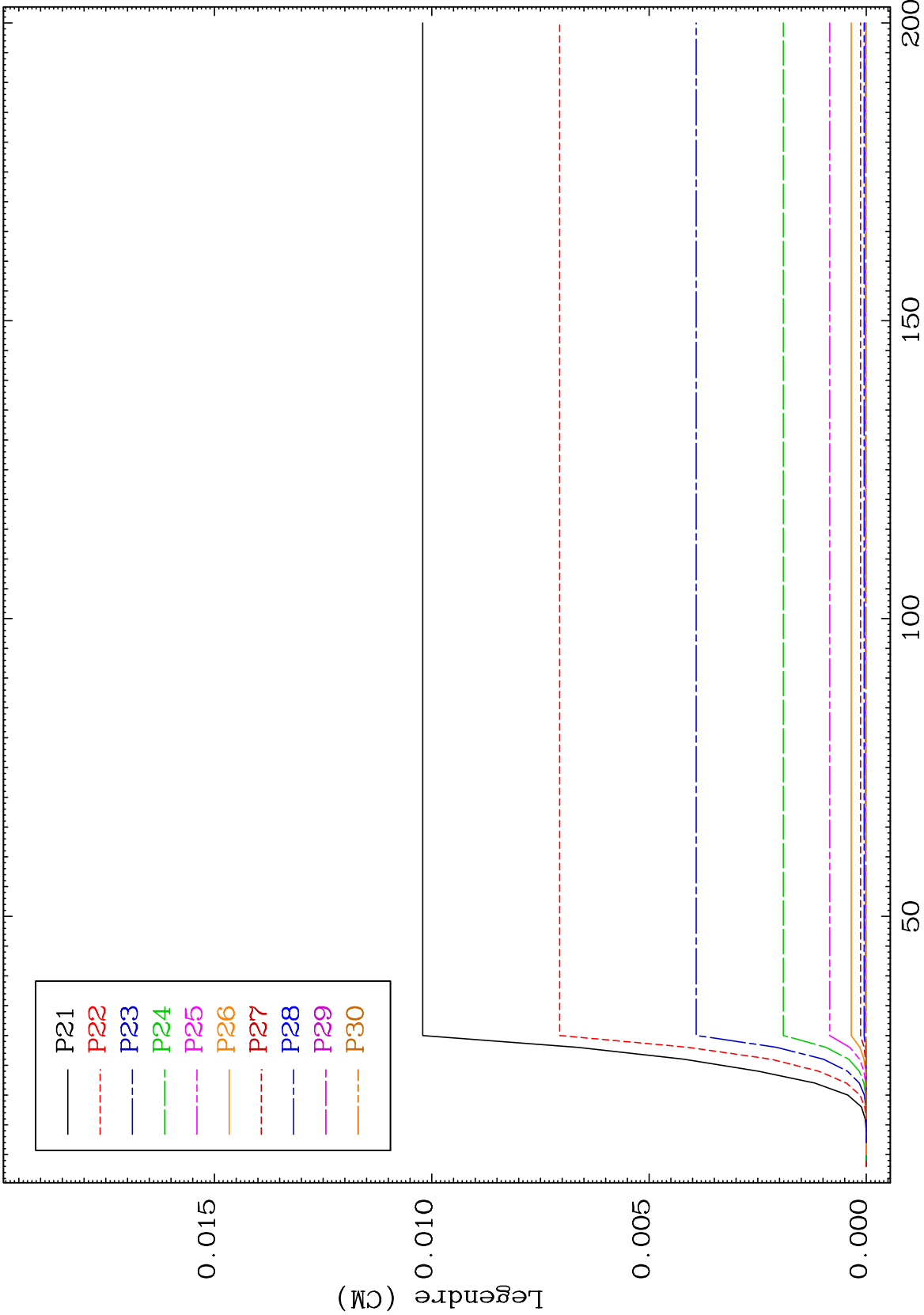
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



36

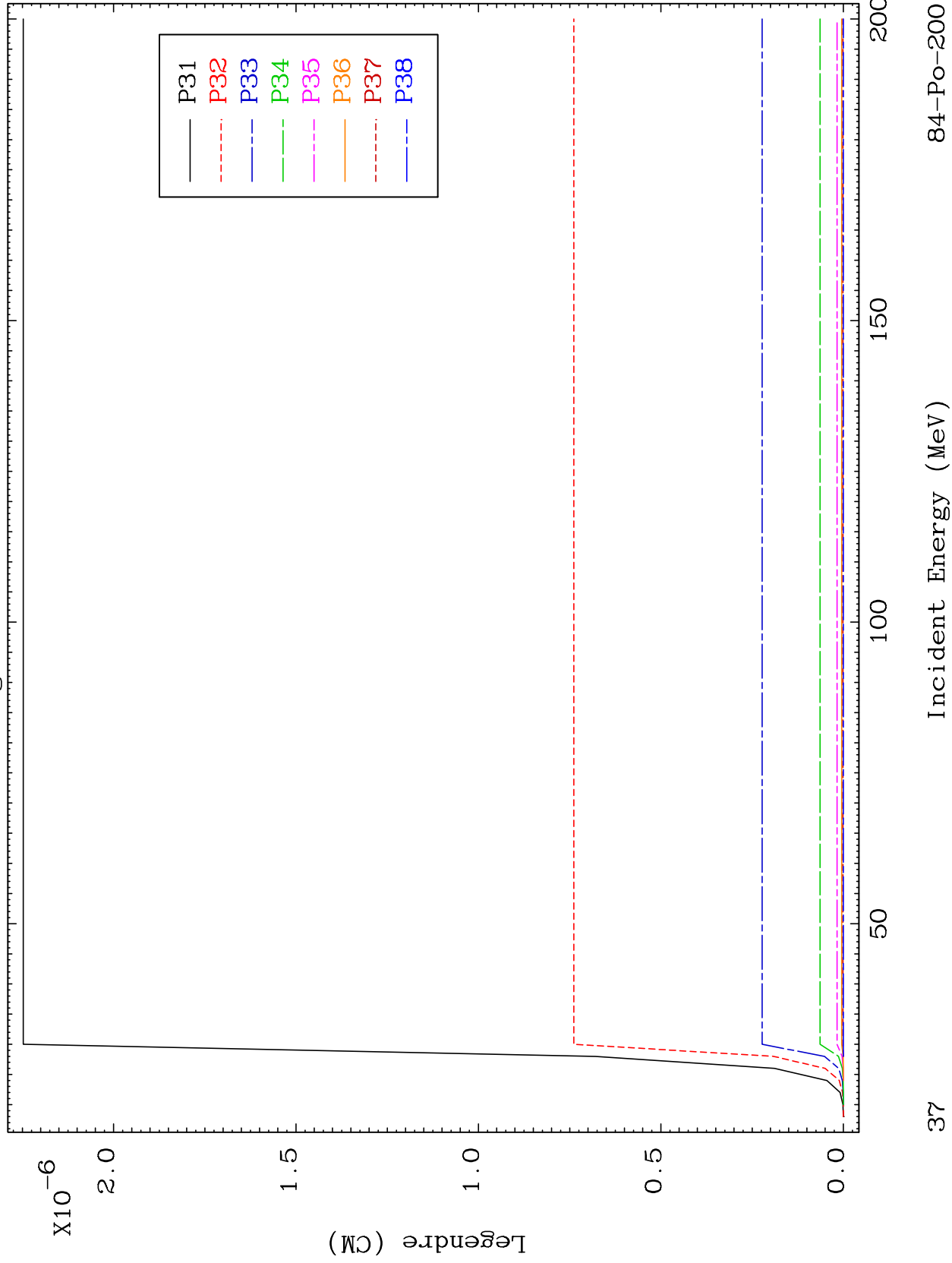
Incident Energy (MeV)

84-Po-200

MAT 8407

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

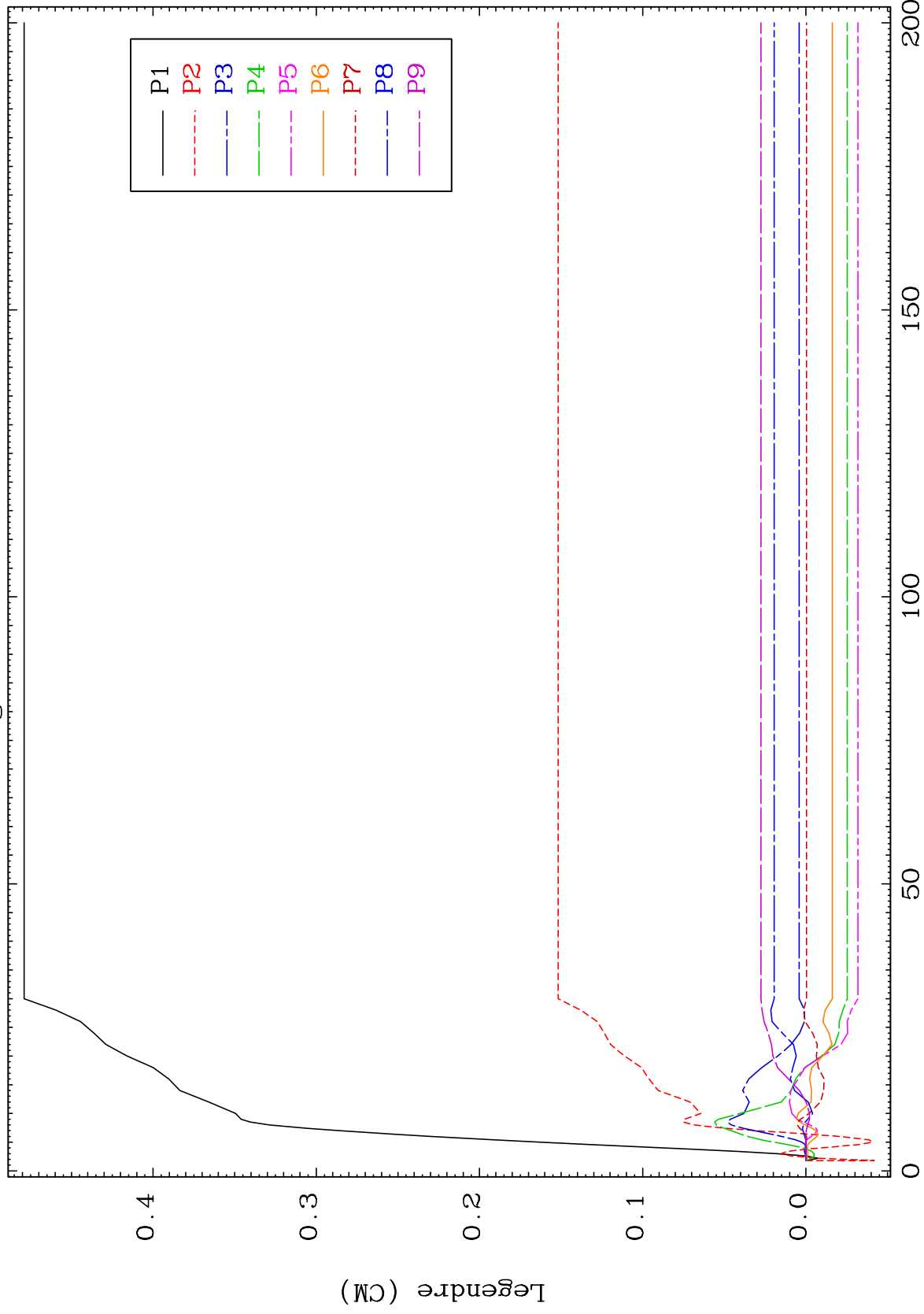
84-Po-200



MAT 8407

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

84-Po-200



38

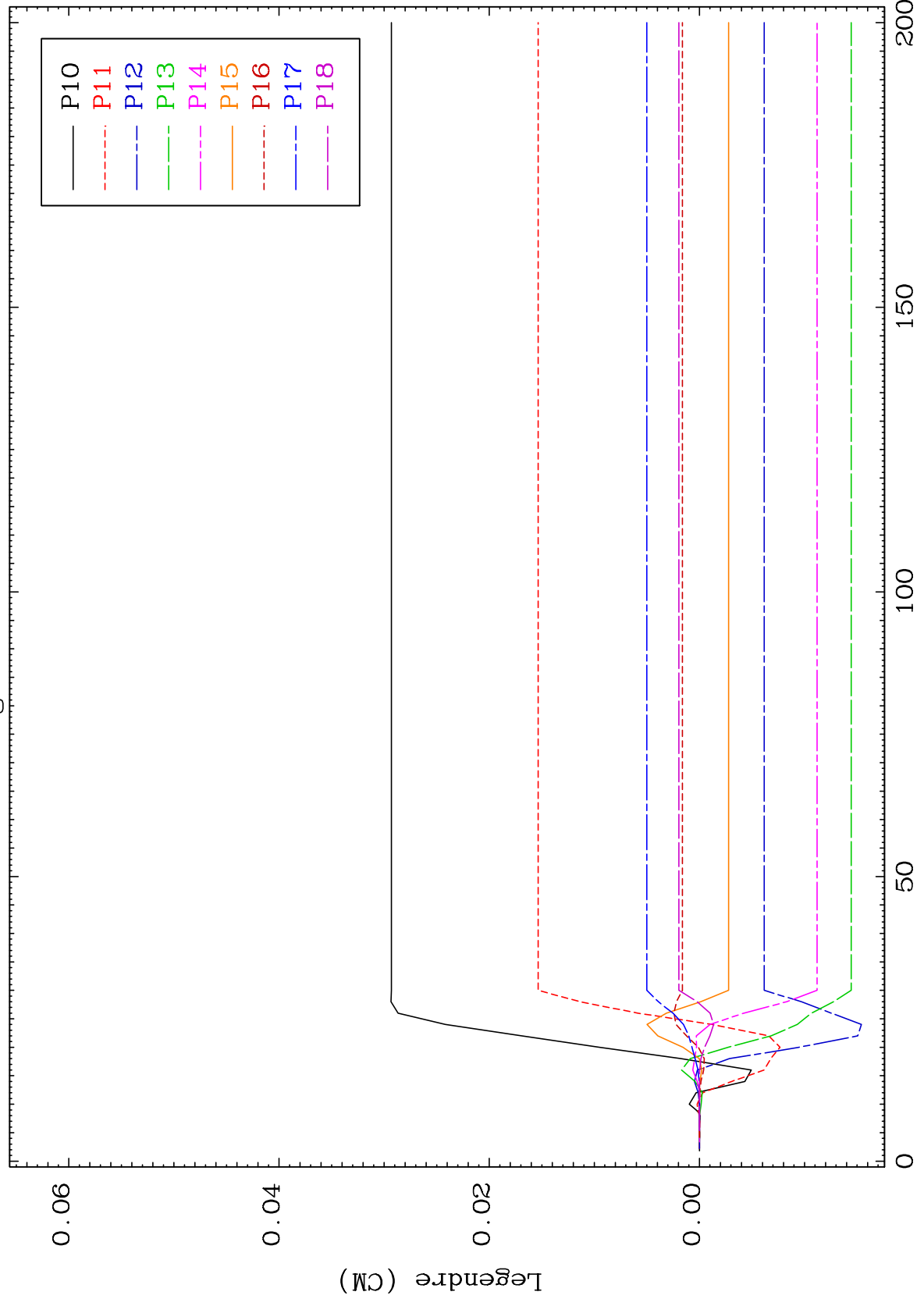
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



39

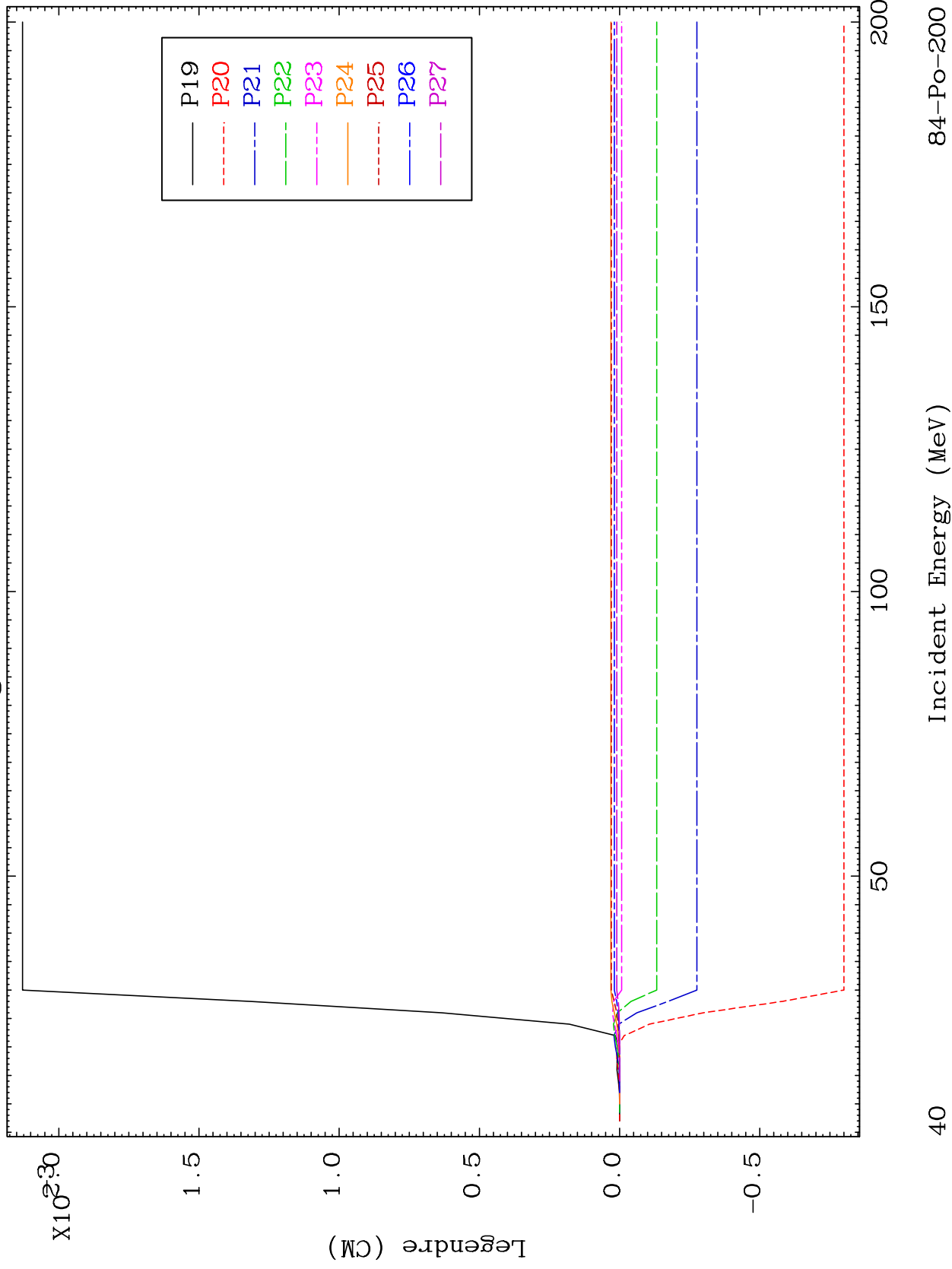
Incident Energy (MeV)

84-Po-200

MAT 8407

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

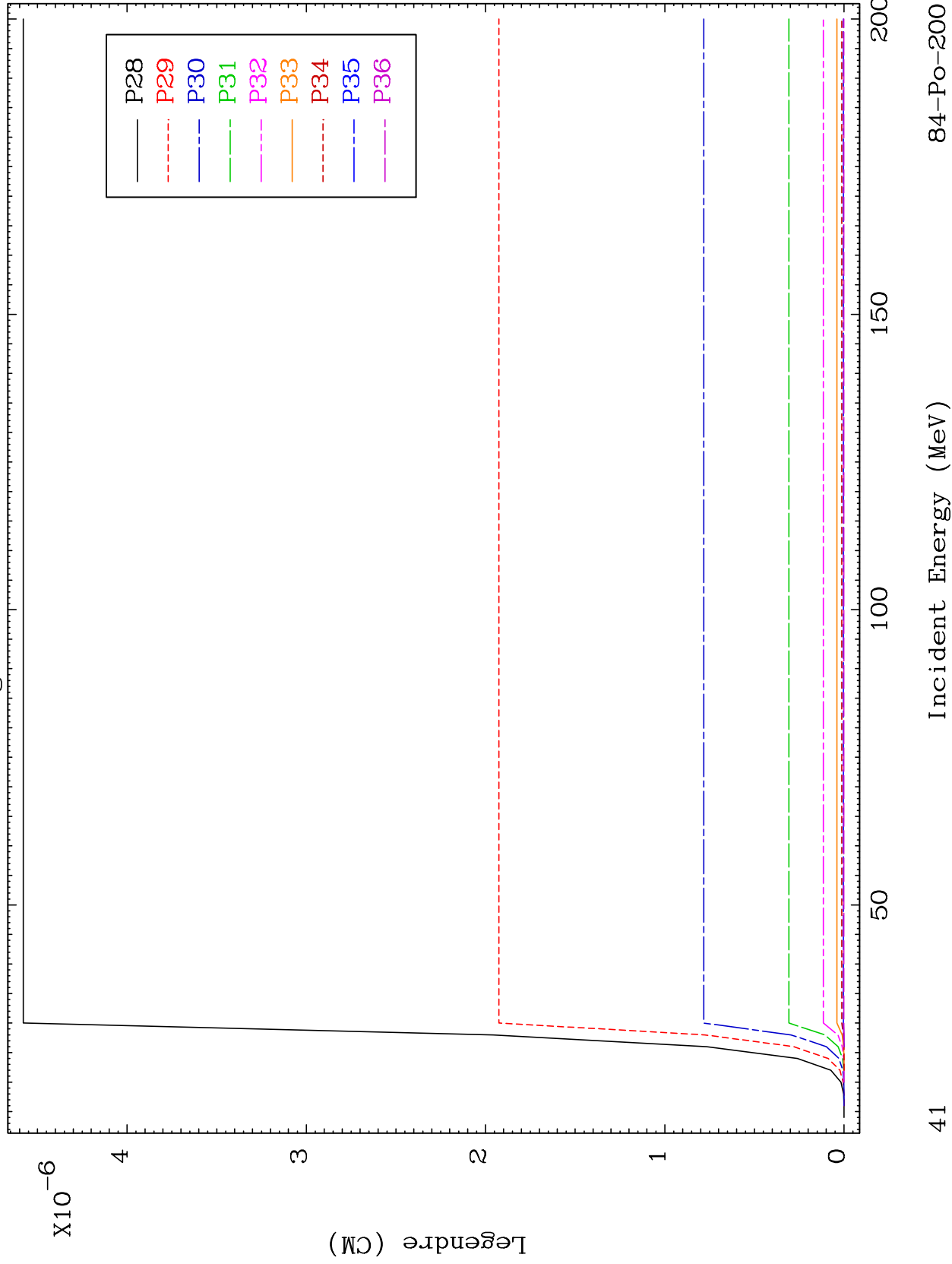
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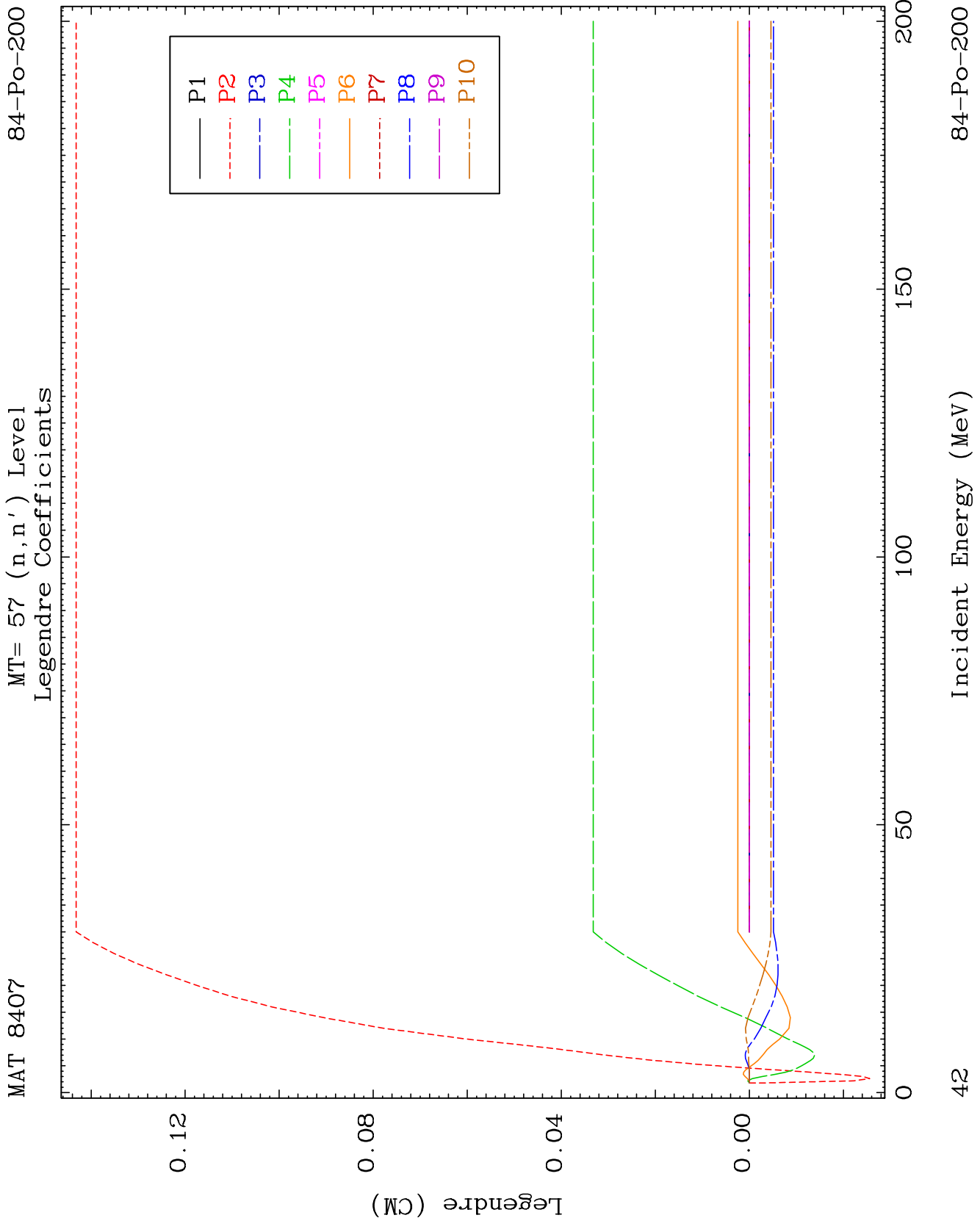


MAT 8407

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

84-Po-200





84-Po-200

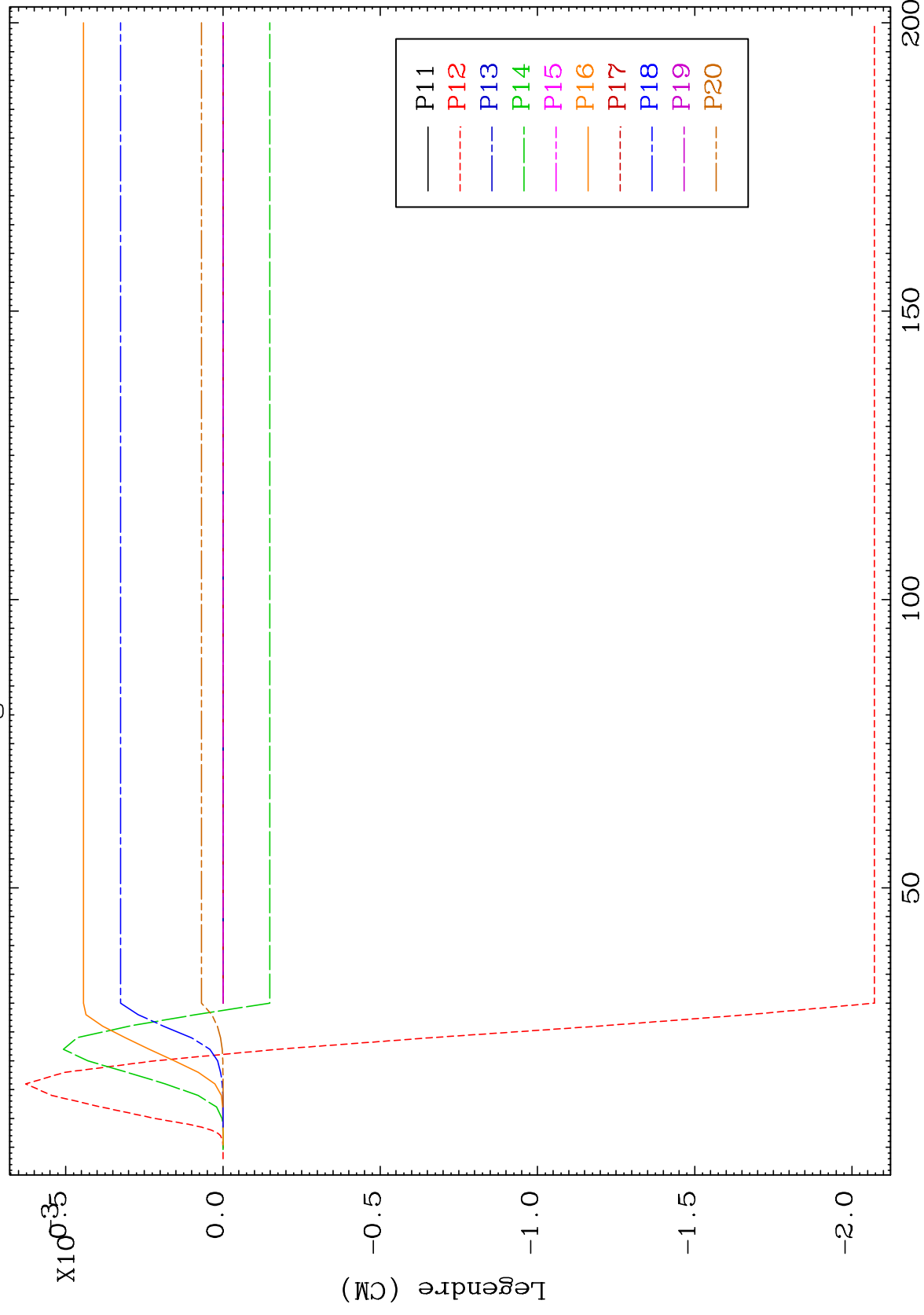
Incident Energy (MeV)

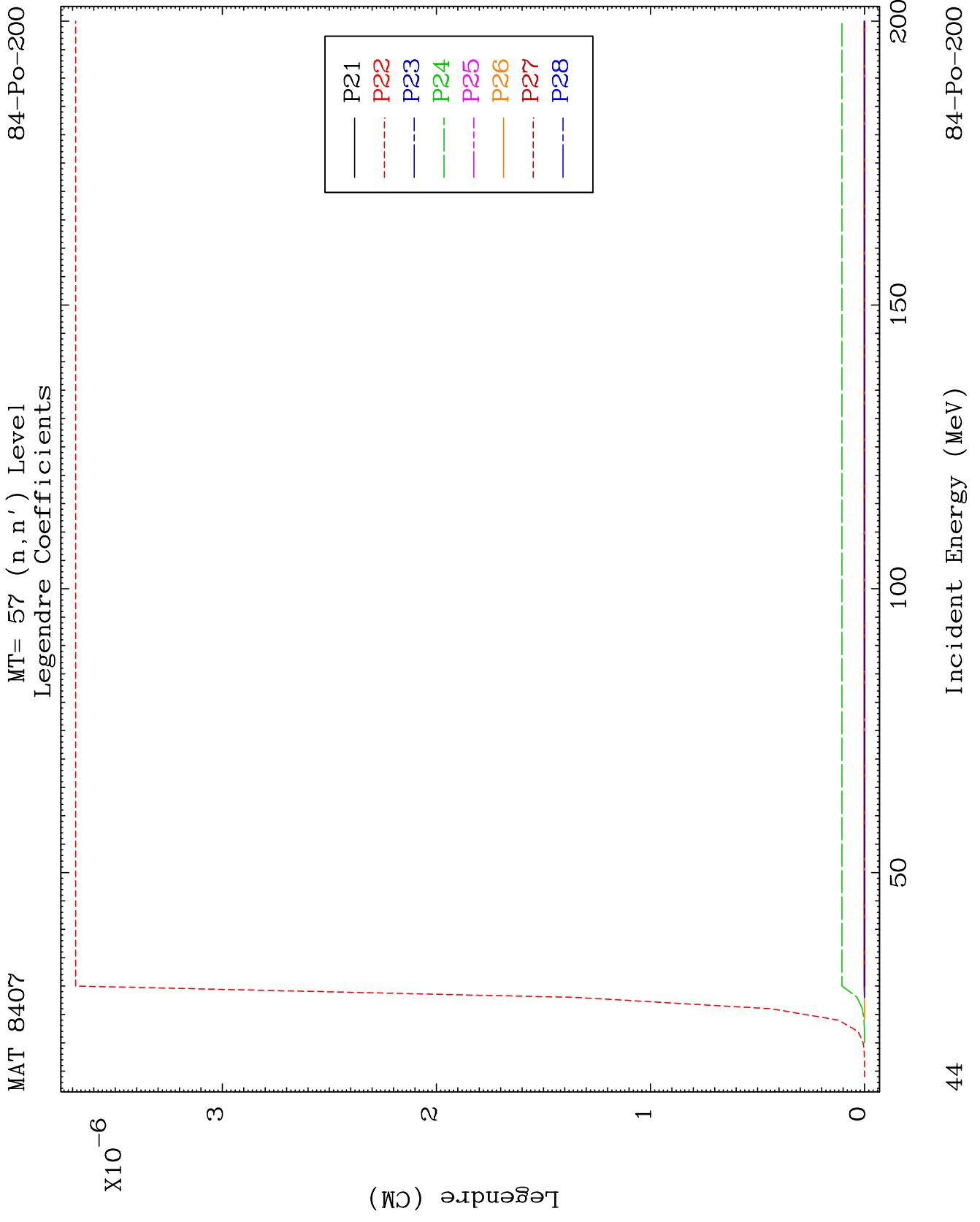
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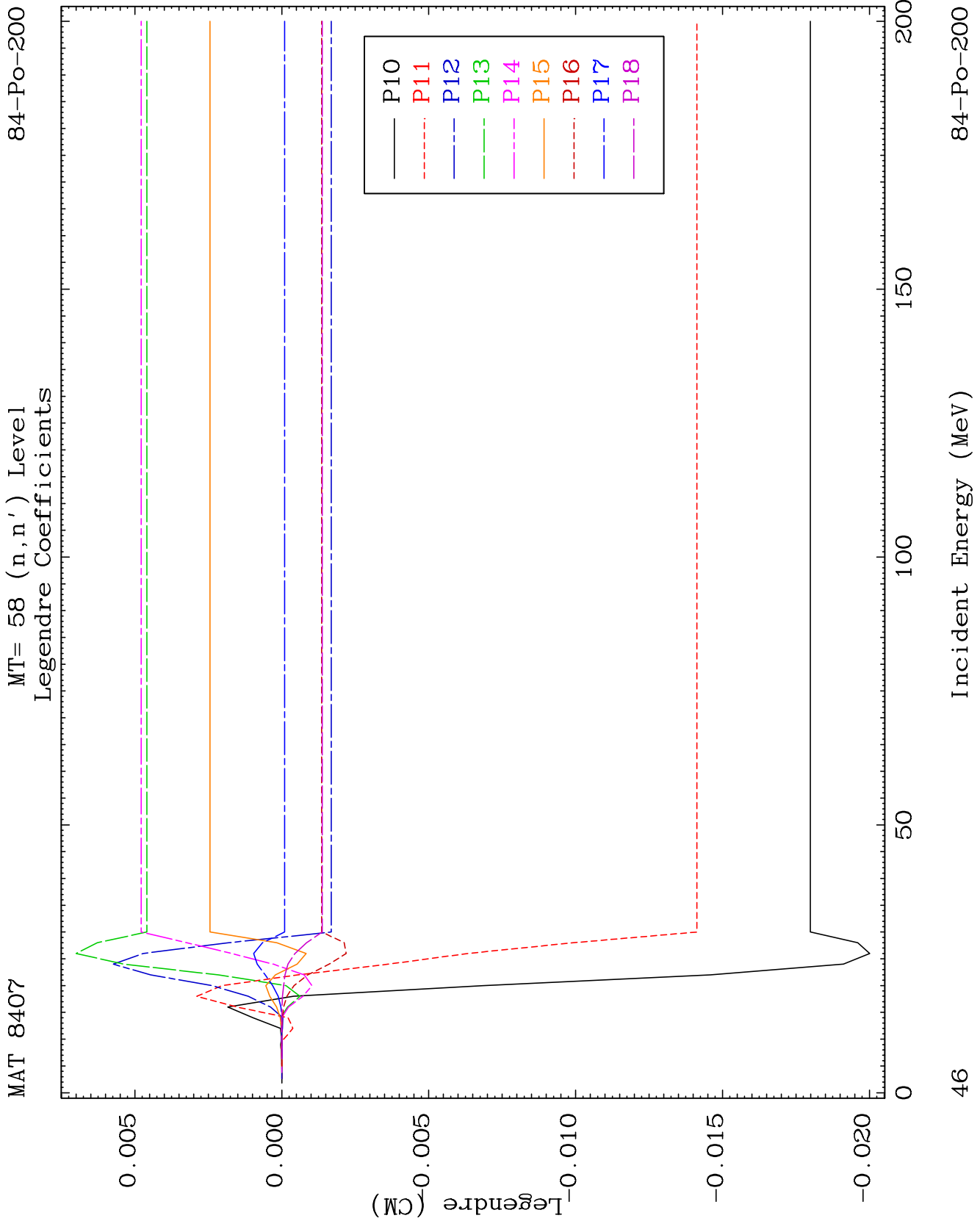
MAT 8407

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

84-Po-200



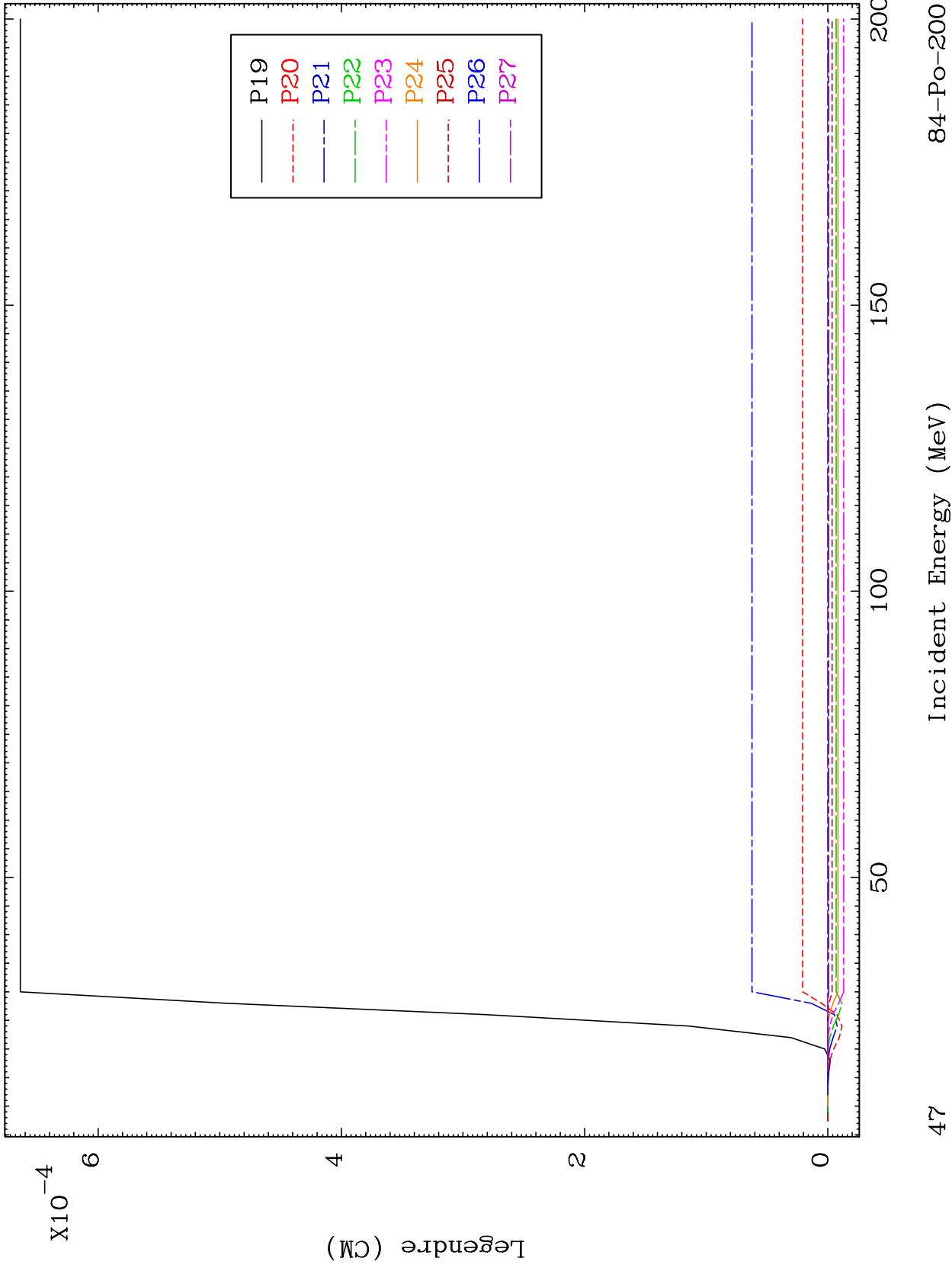




MAT 8407

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

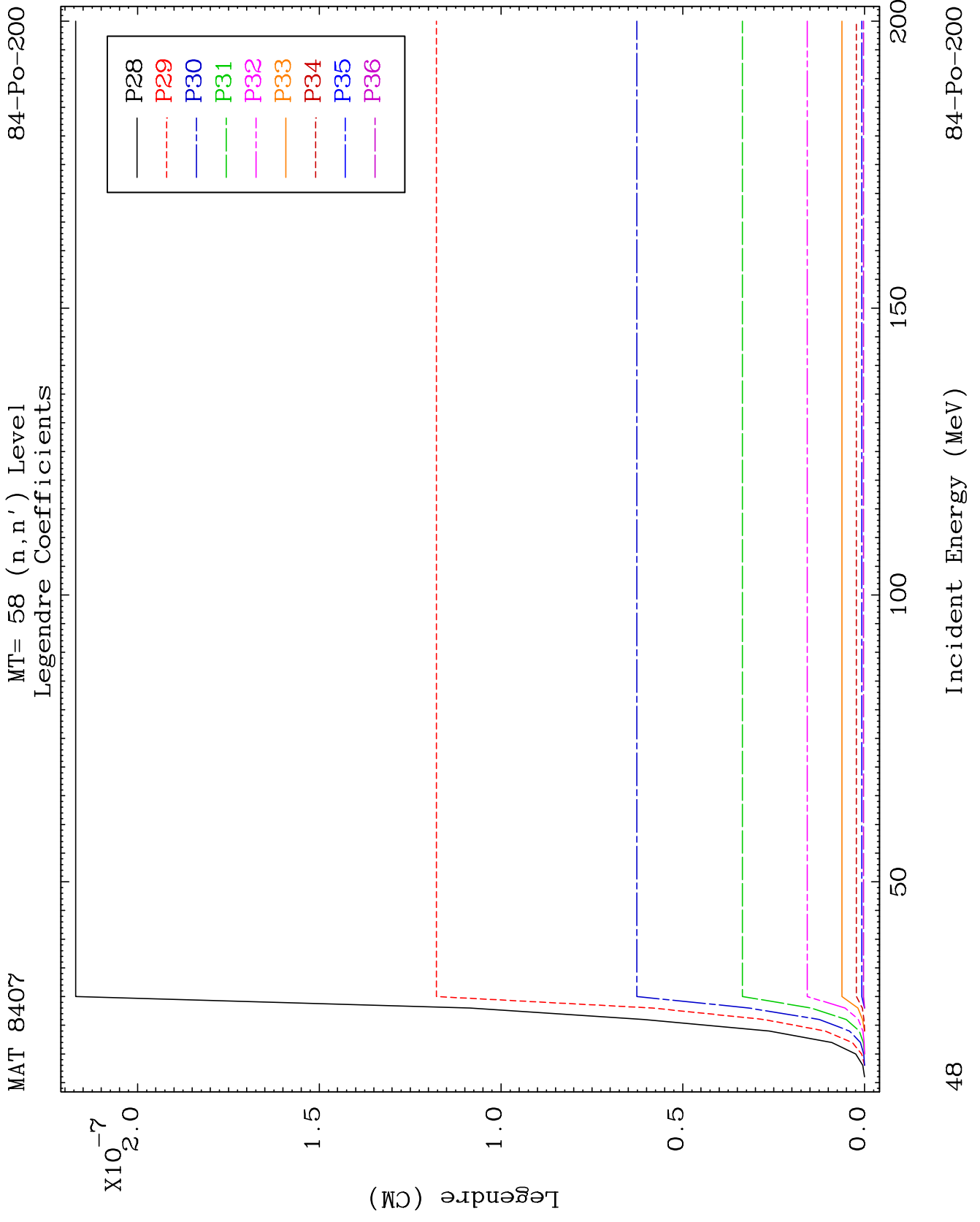
84-Po-200



47

Incident Energy (MeV)

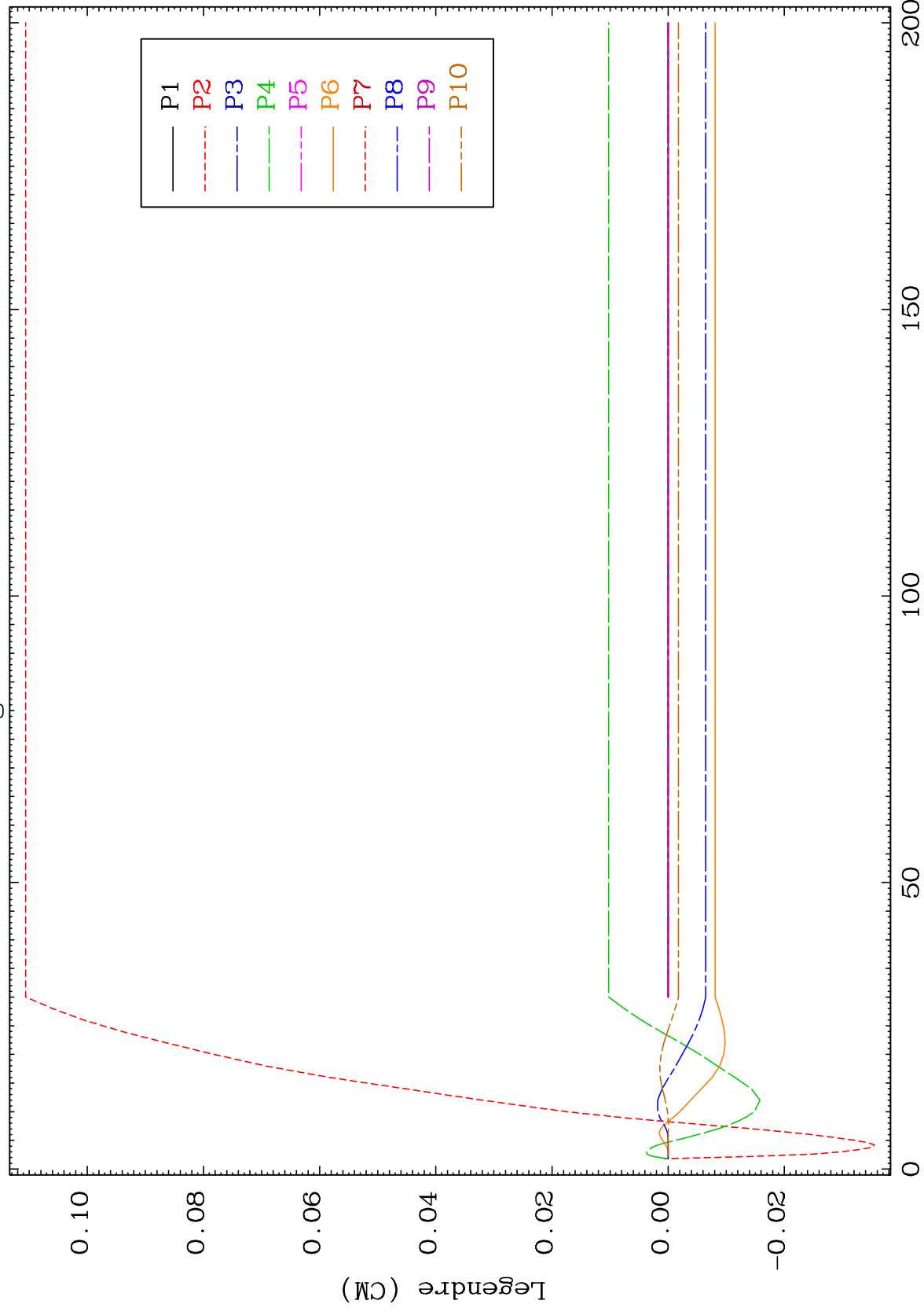
84-Po-200



MAT 8407

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

84-Po-200



84-Po-200

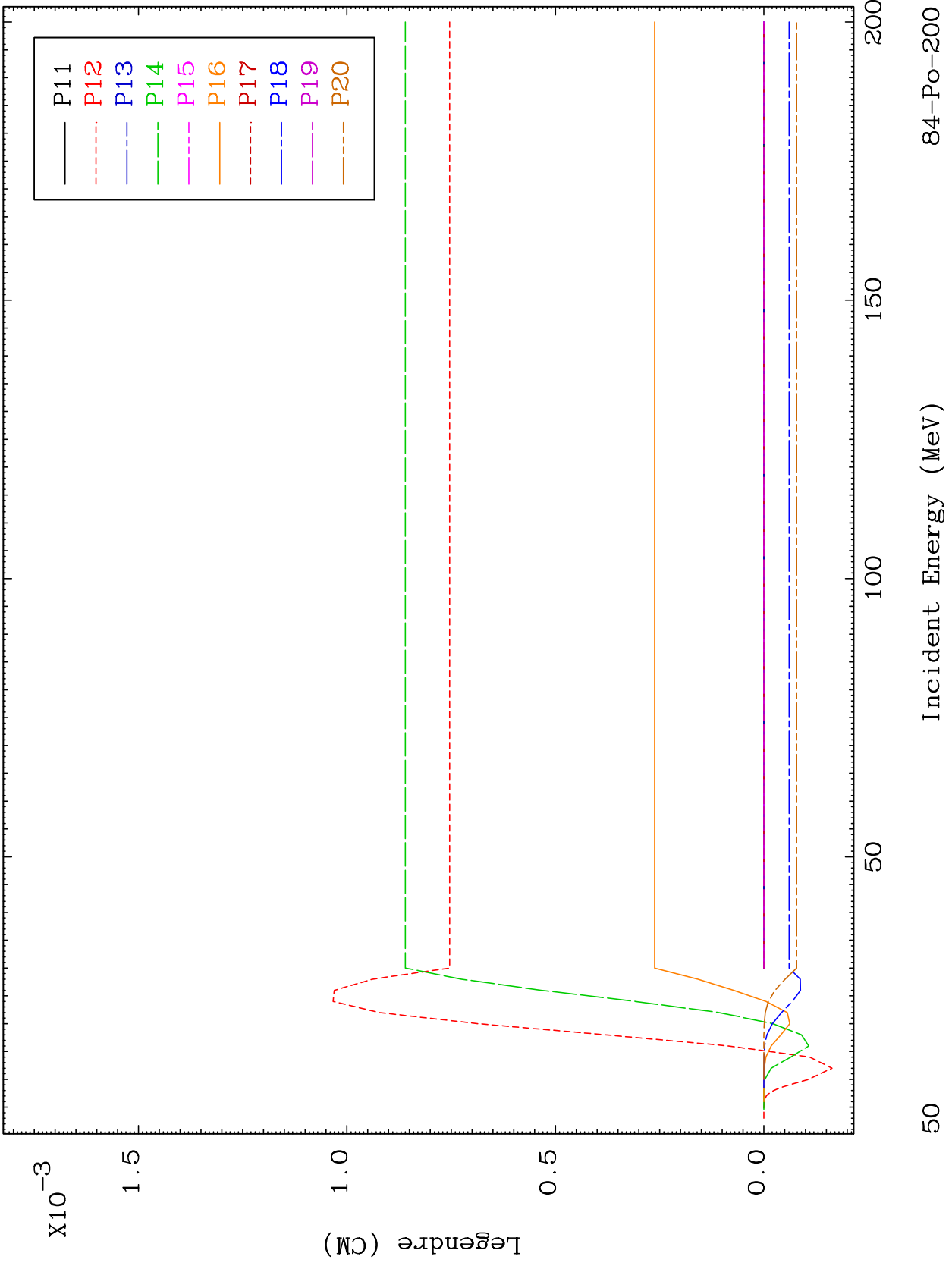
Incident Energy (MeV)

49

MAT 8407

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

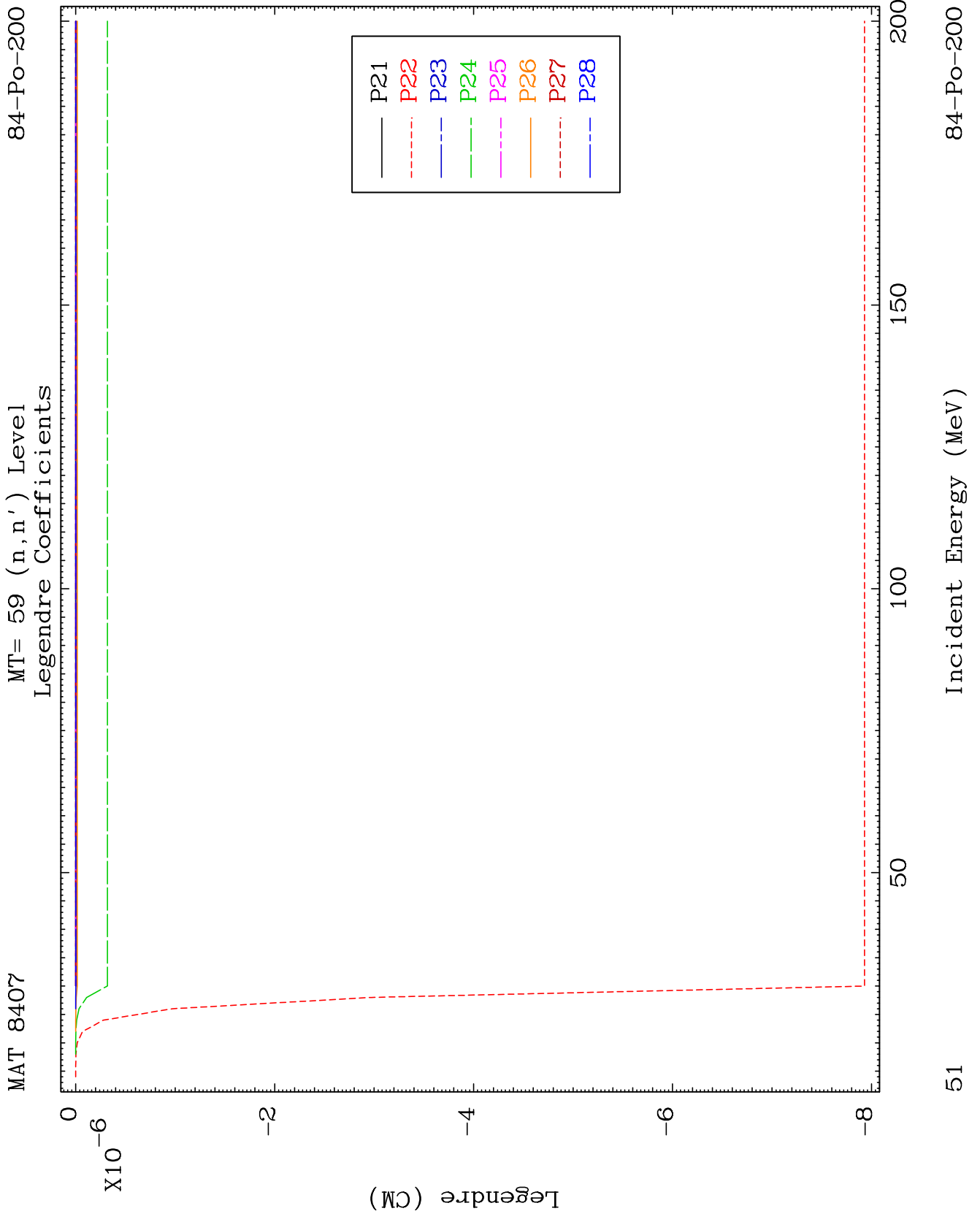
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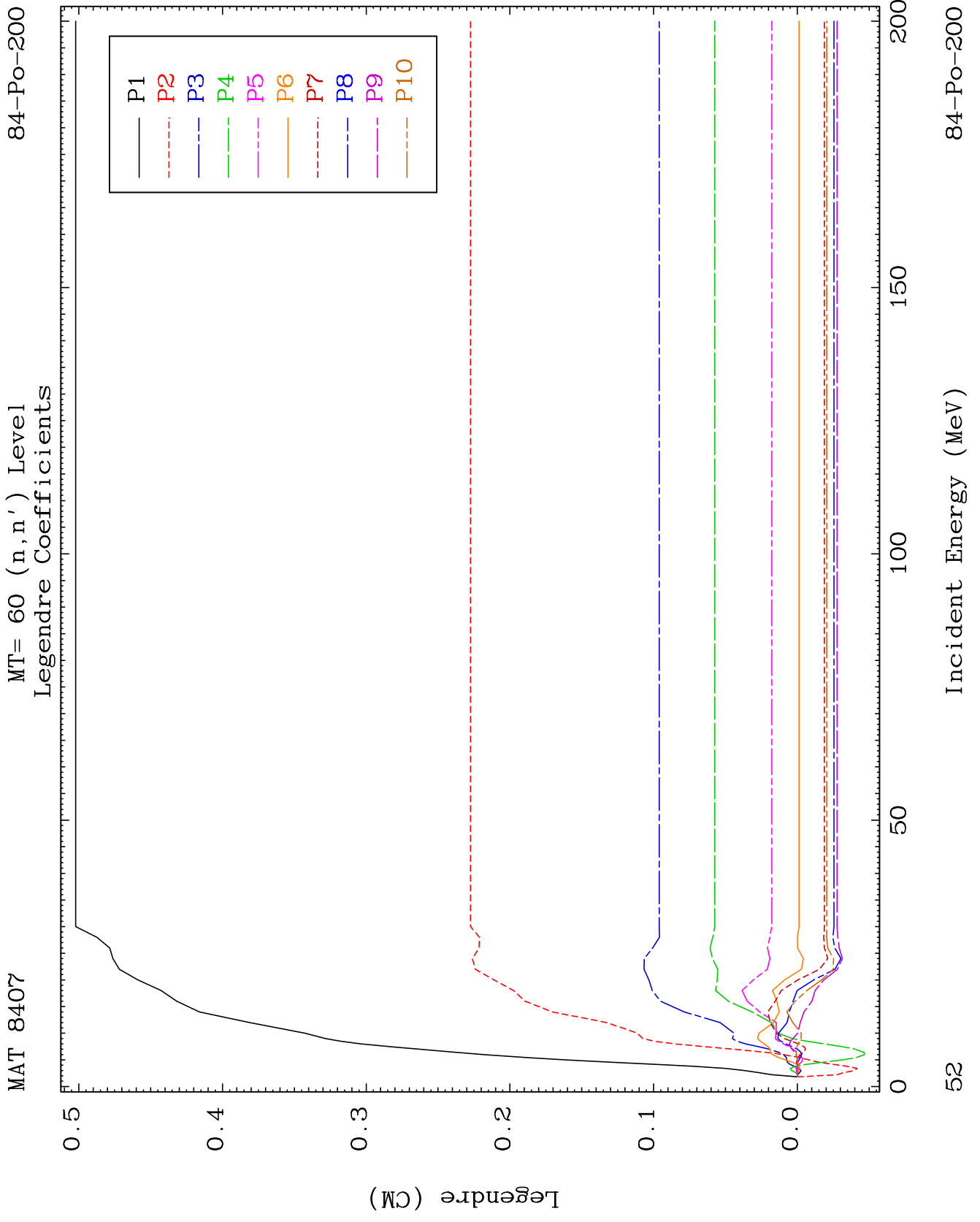


84-Po-200

Incident Energy (MeV)

50

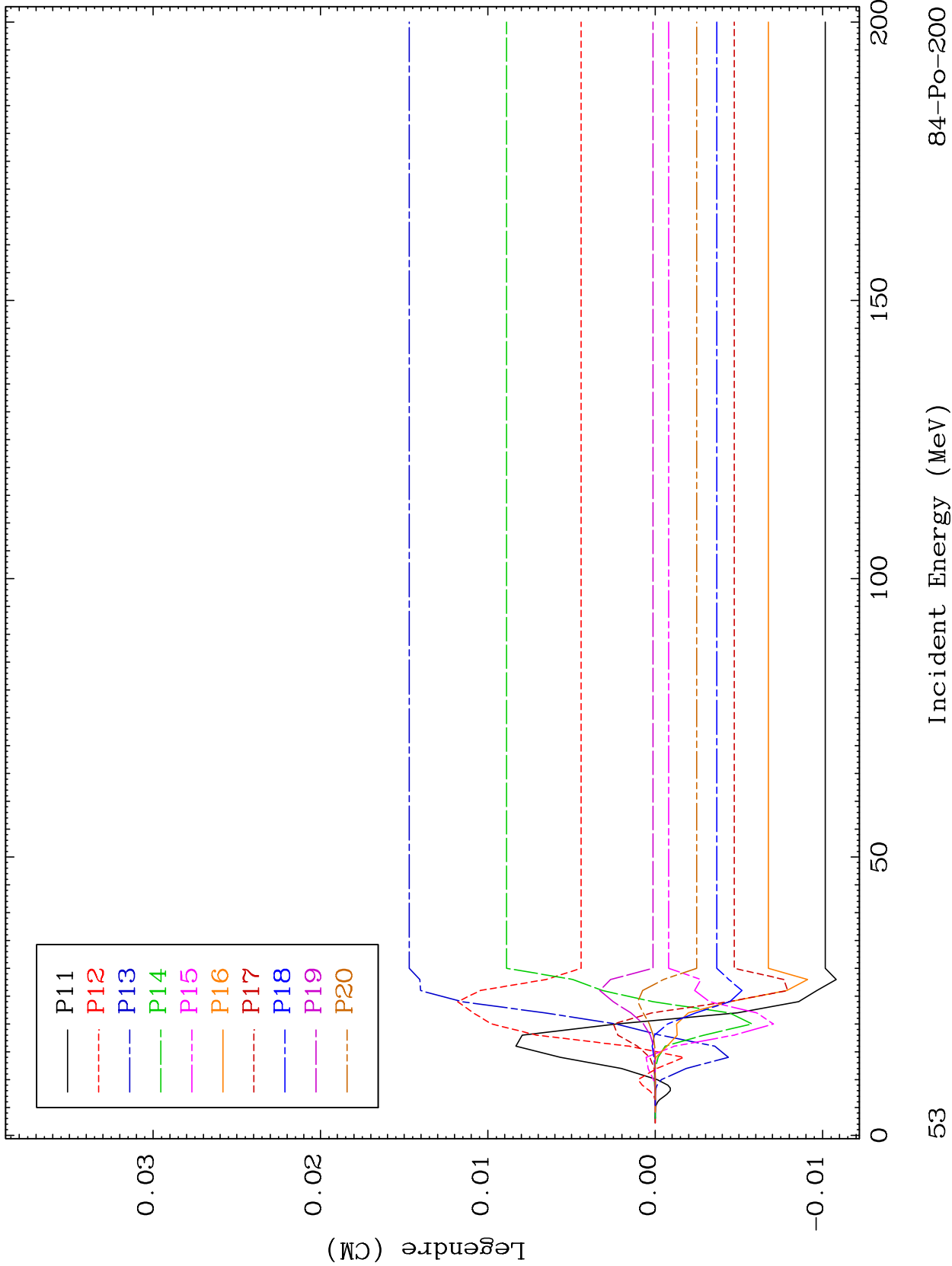


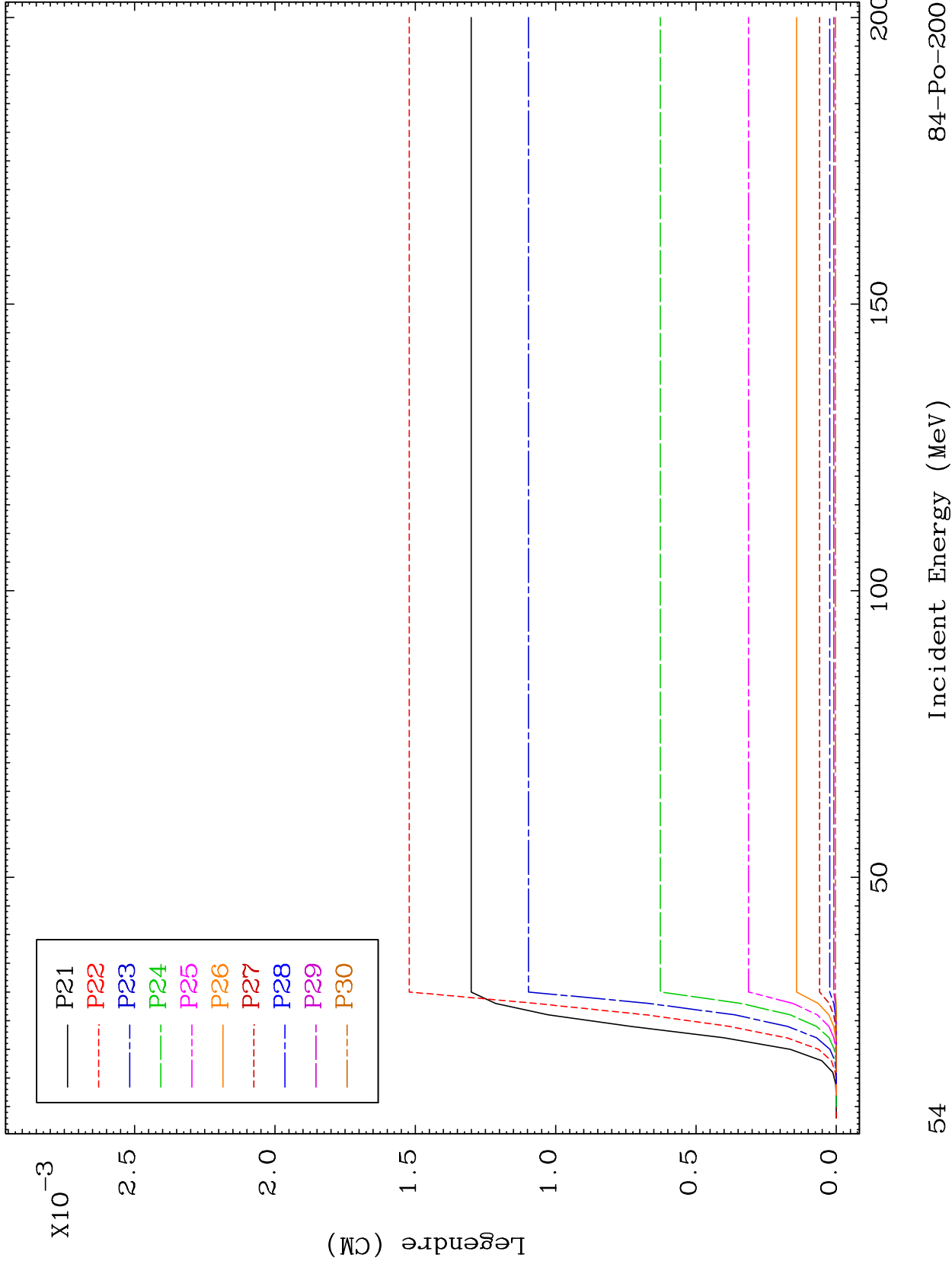


MAT 8407

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

84-Po-200

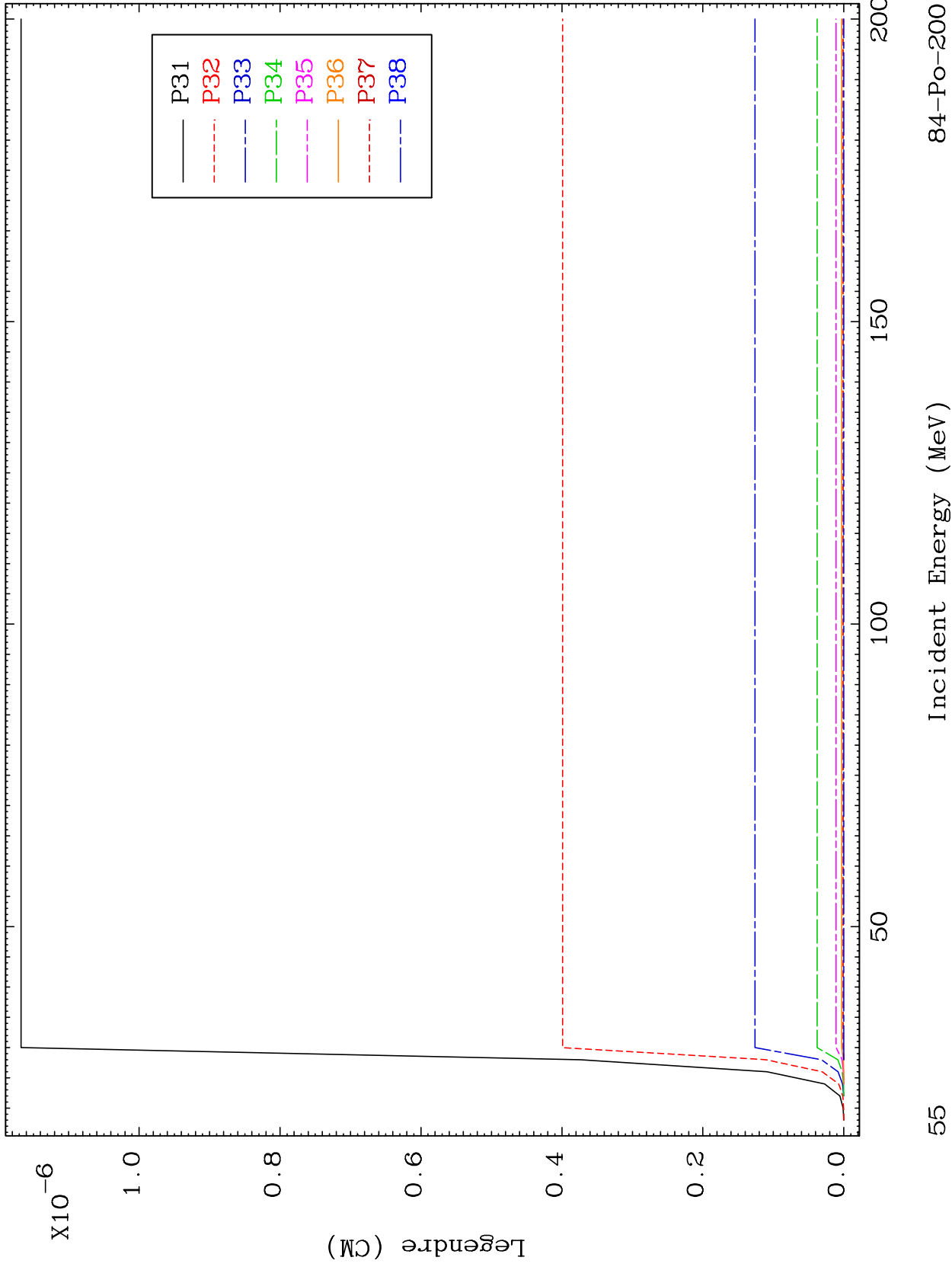




MAT 8407

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

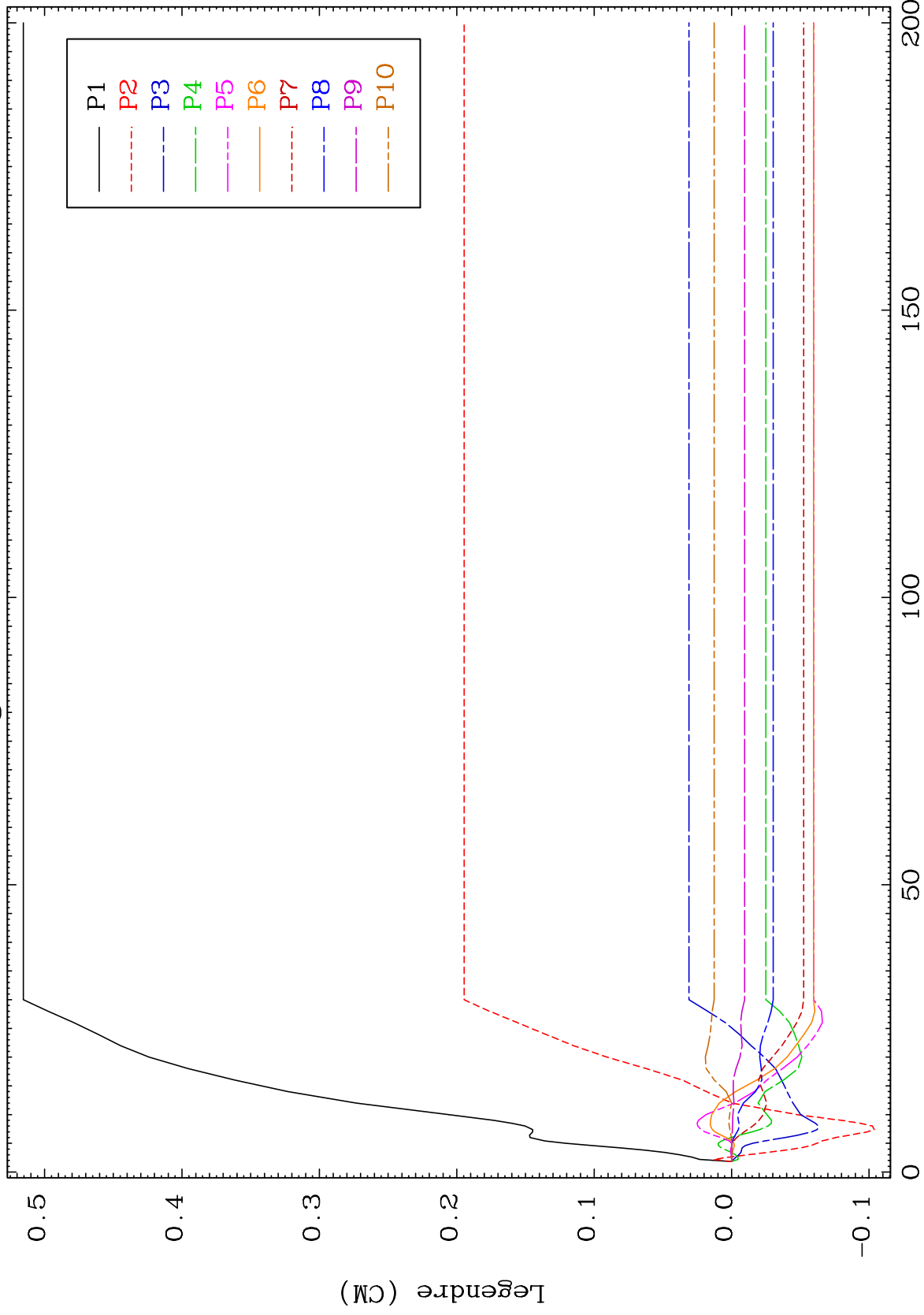
84-Po-200



MAT 8407

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

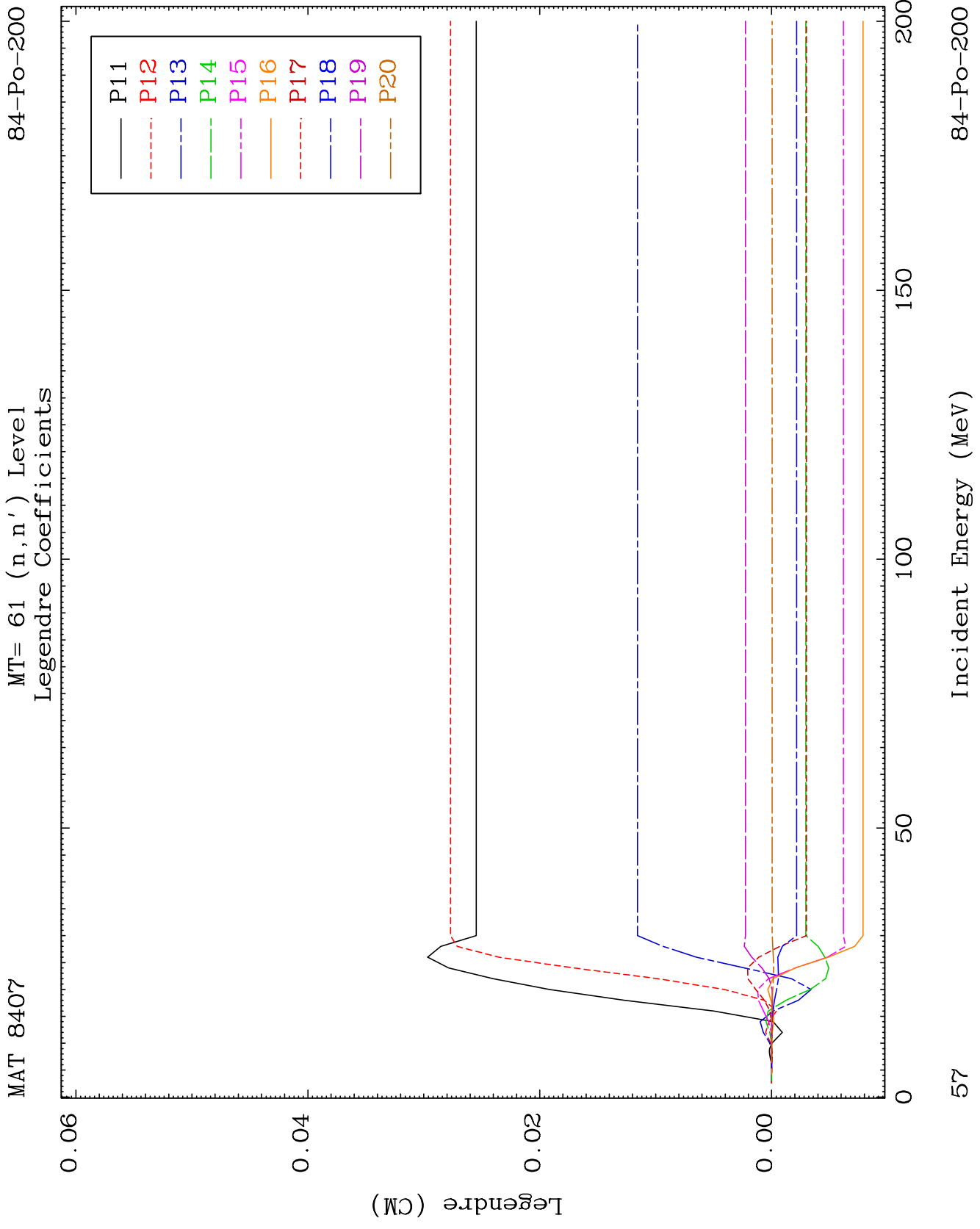
84-Po-200



56

Incident Energy (MeV)

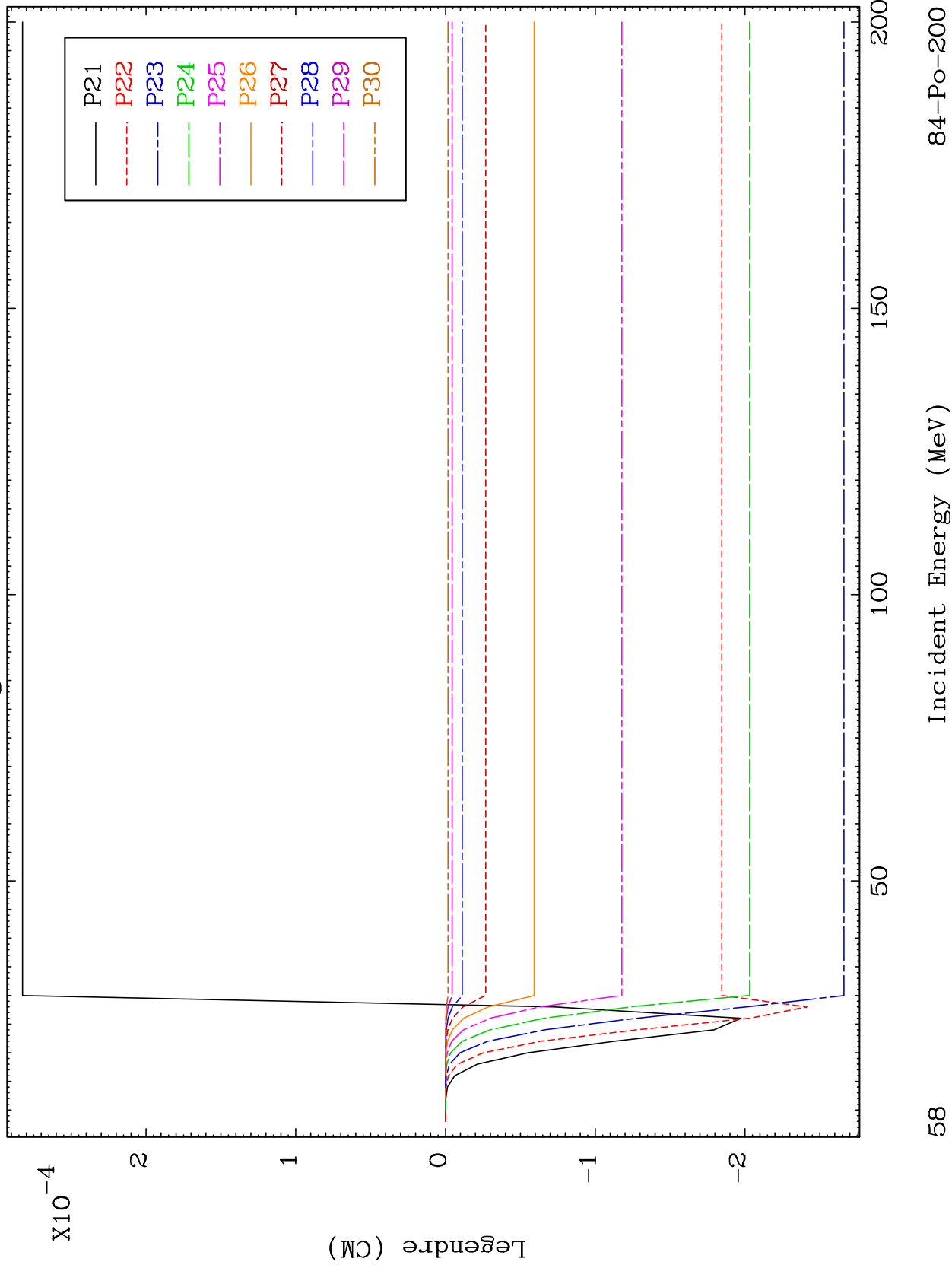
84-Po-200



MAT 8407

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

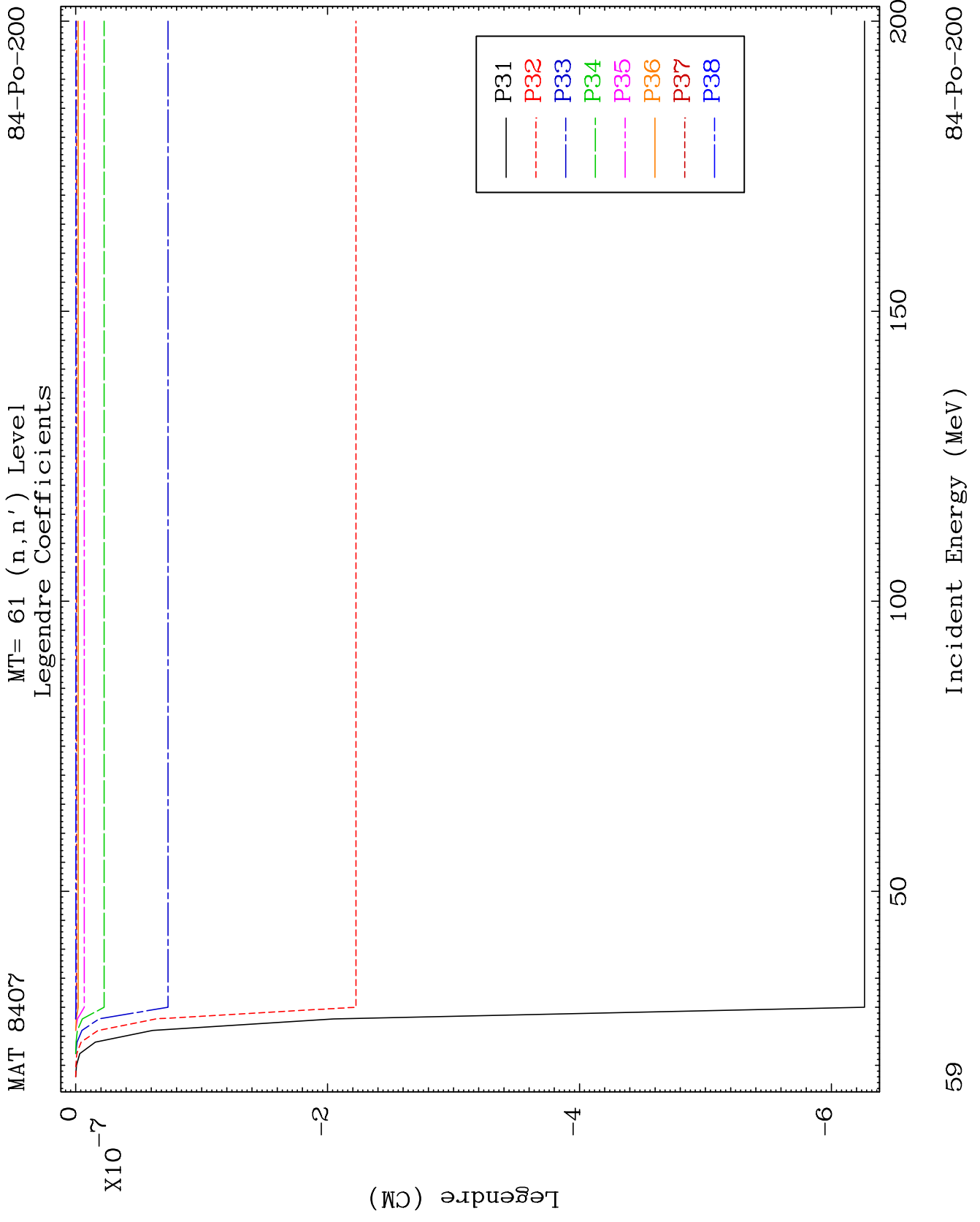
84-Po-200

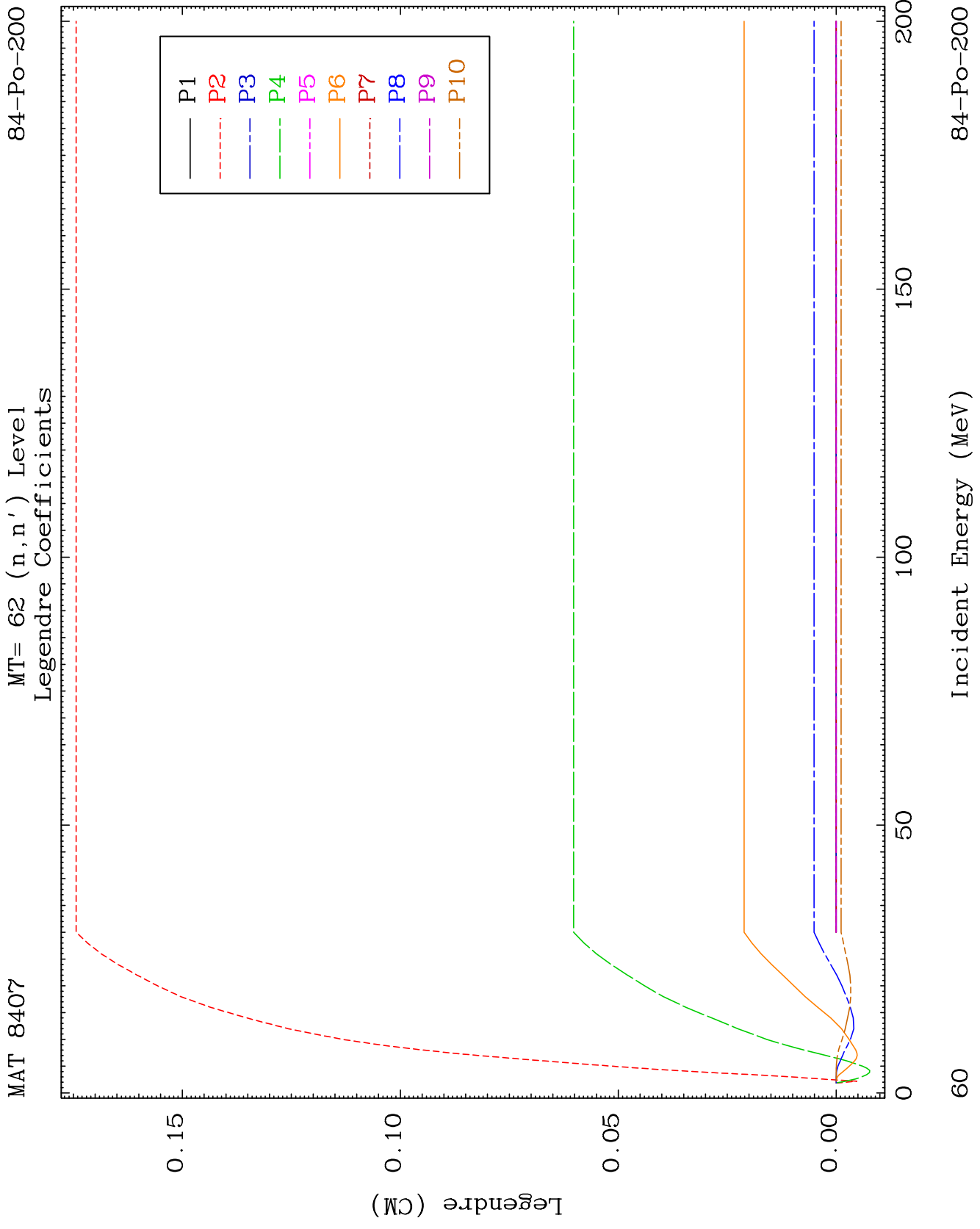


58

Incident Energy (MeV)

84-Po-200

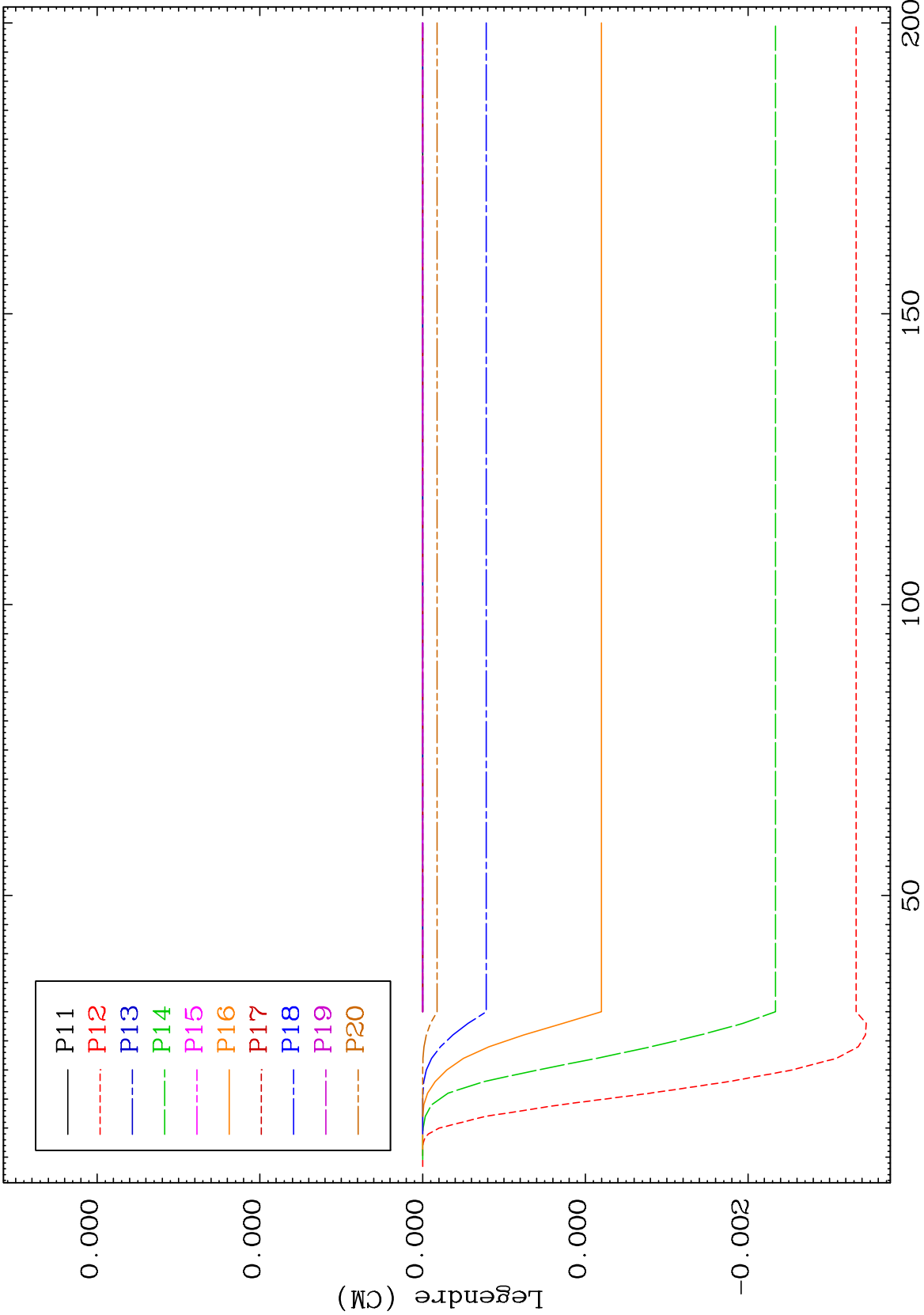




MAT 8407

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

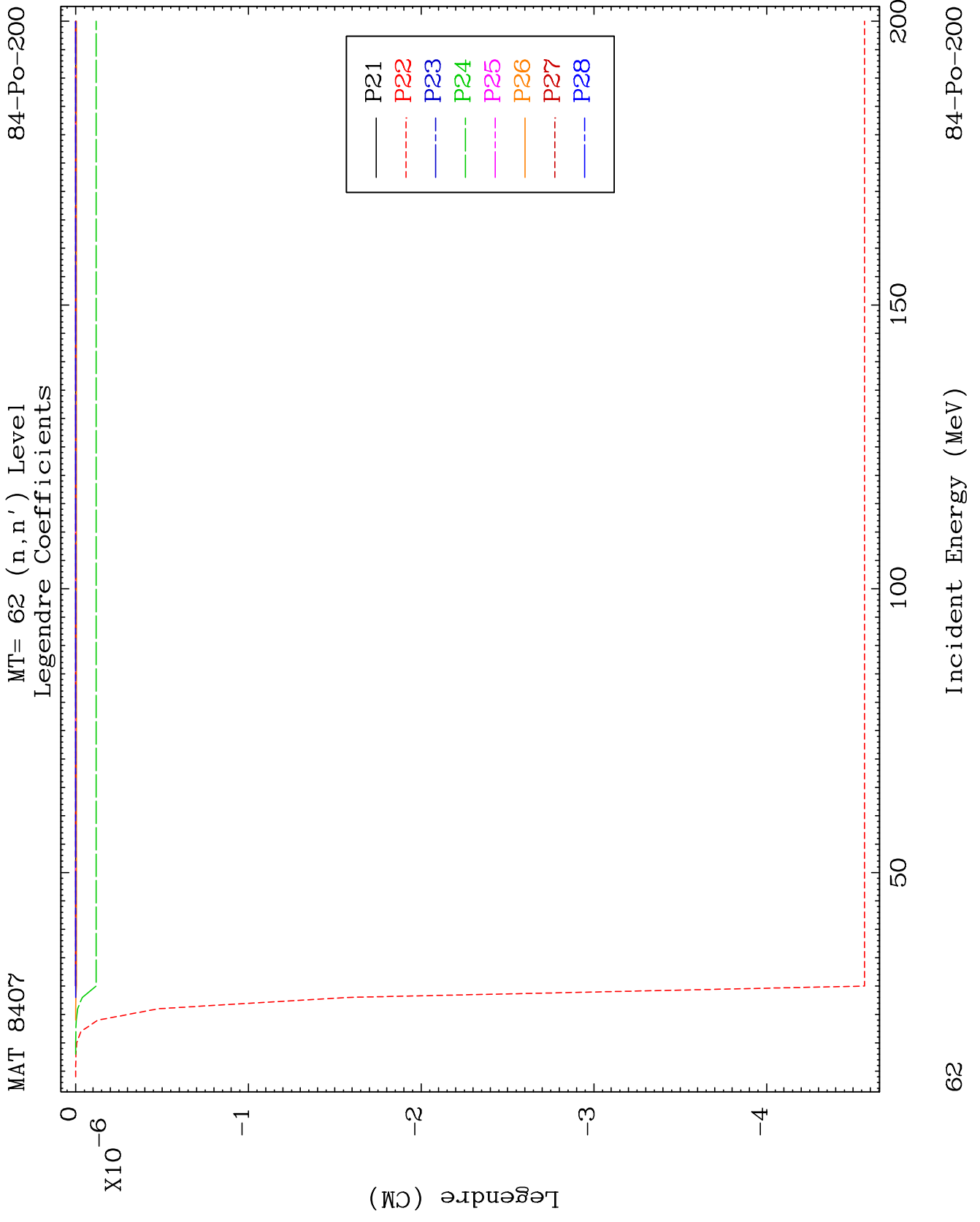
84-Po-200



61

Incident Energy (MeV)

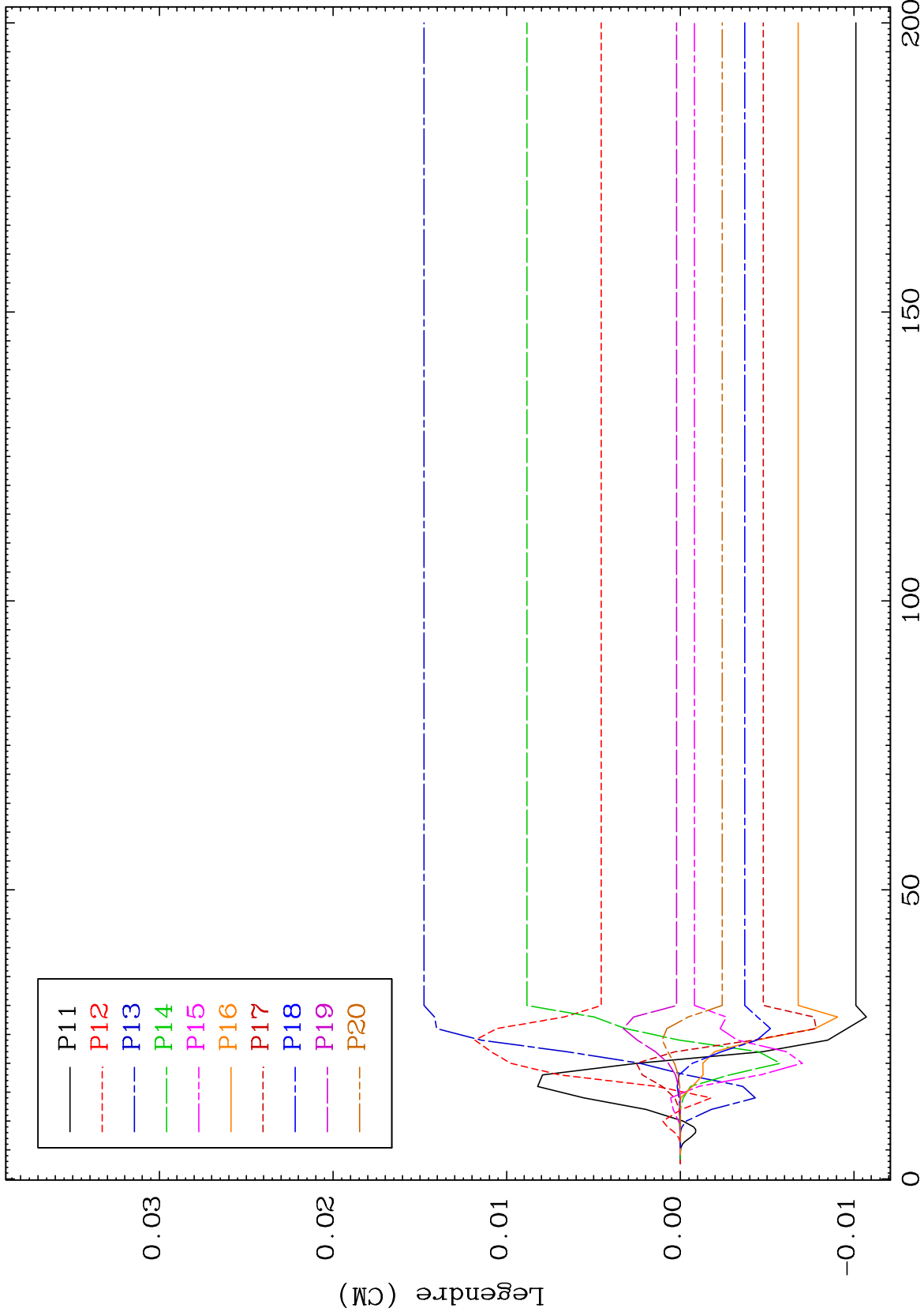
84-Po-200



MAT 8407

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

84-Po-200



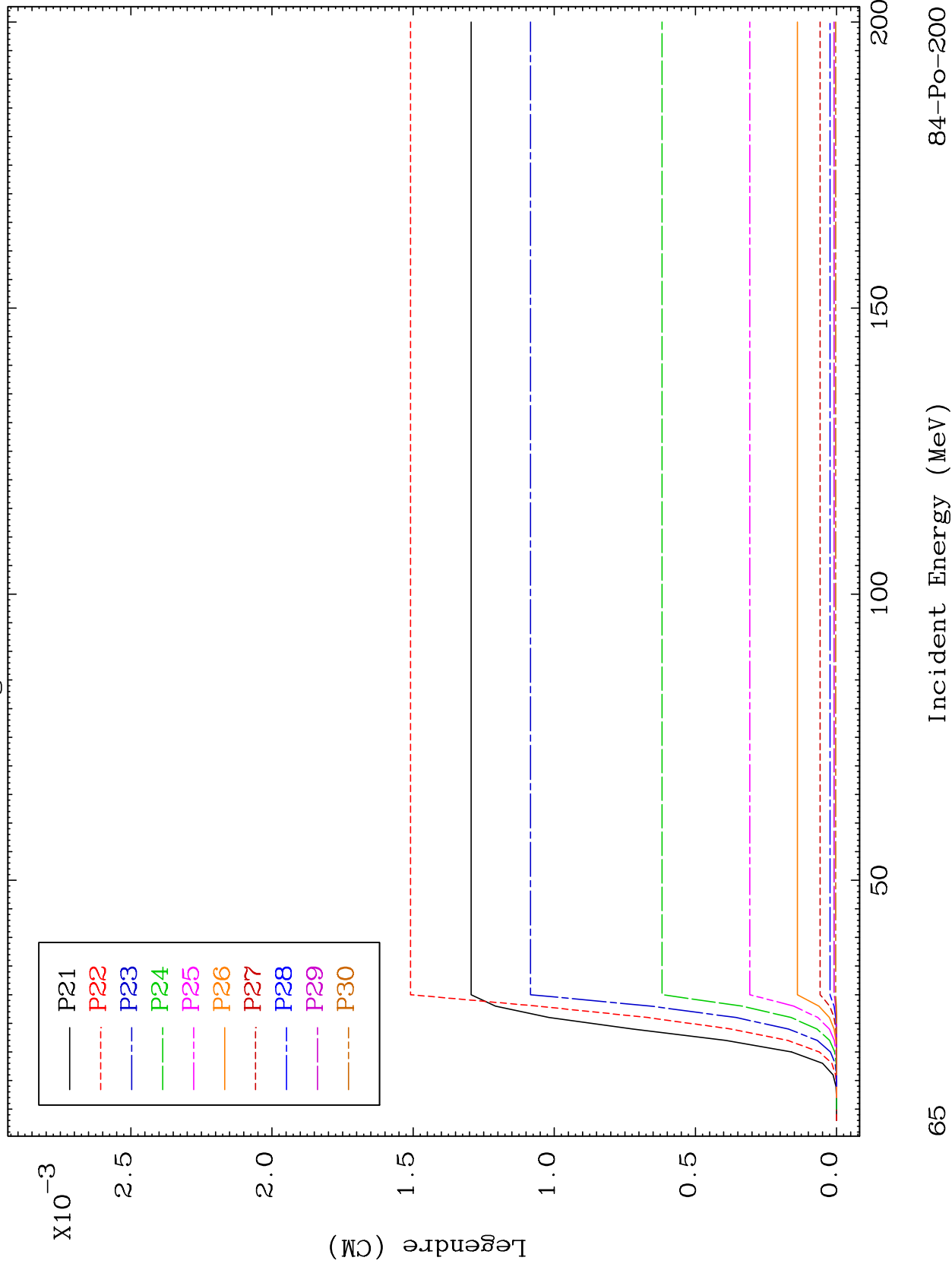
64

84-Po-200

MAT 8407

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

84-Po-200



65

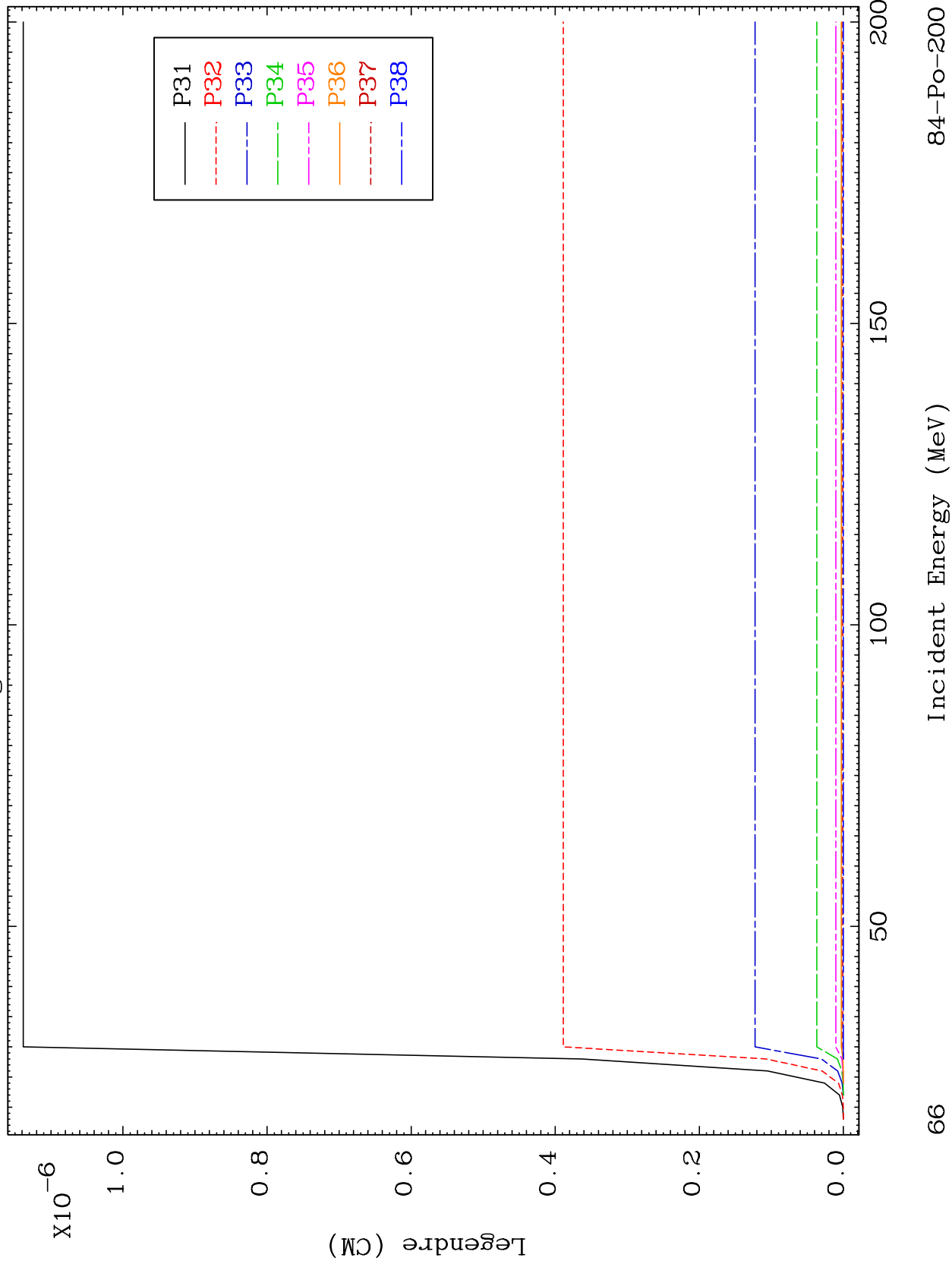
Incident Energy (MeV)

84-Po-200

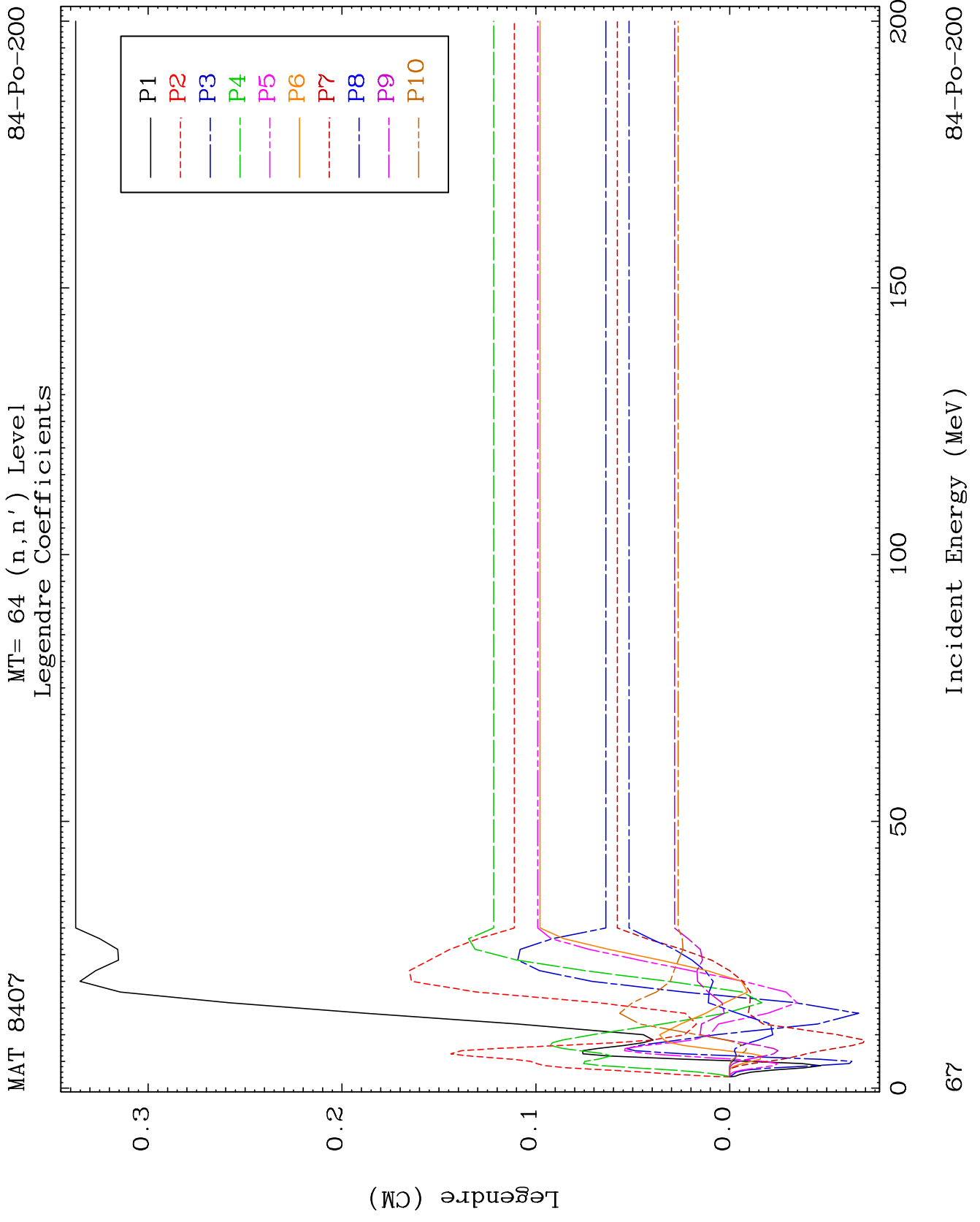
MAT 8407

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

84-Po-200



66



84-Po-200

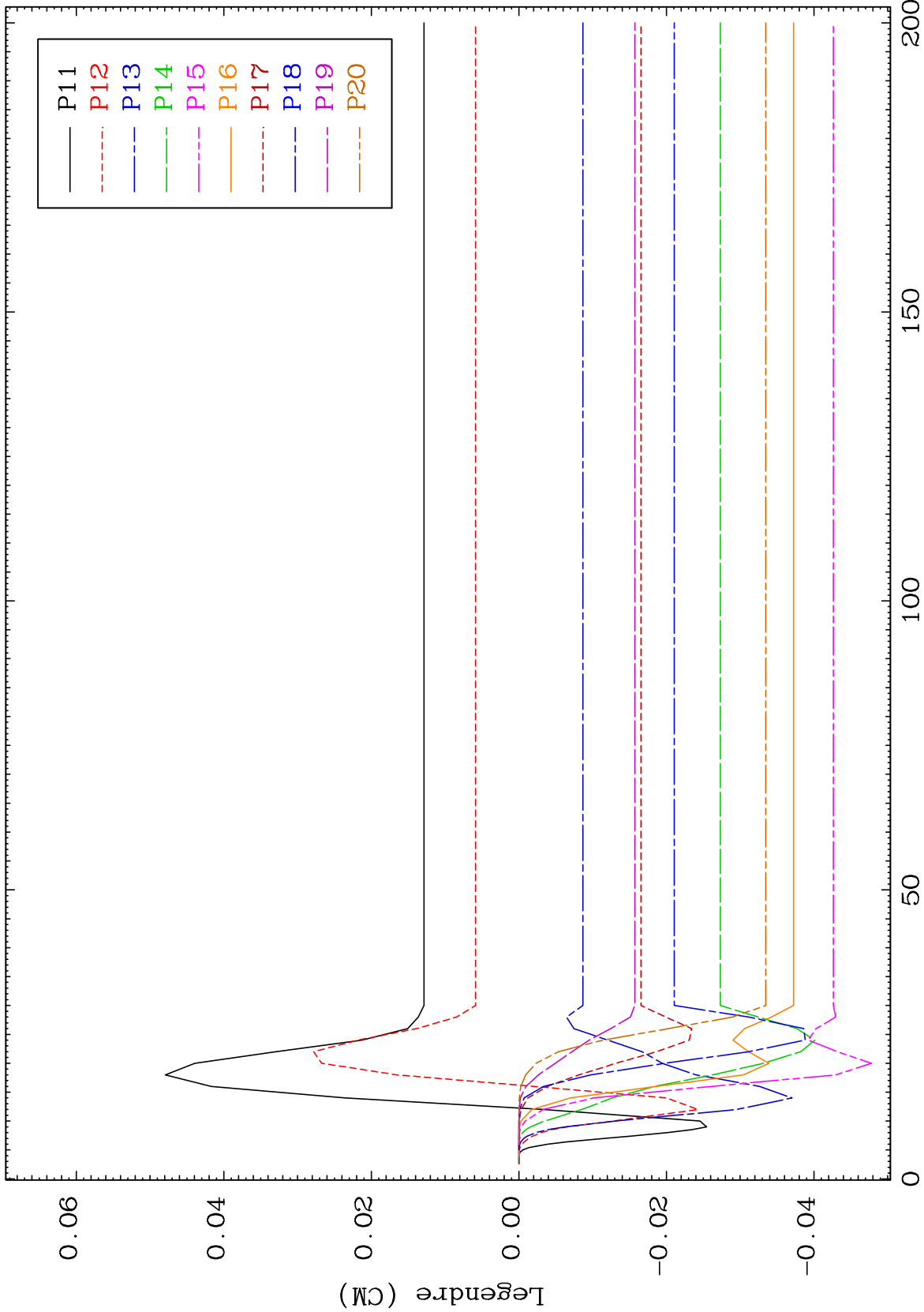
Incident Energy (MeV)

67

MAT 8407

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

84-Po-200



68

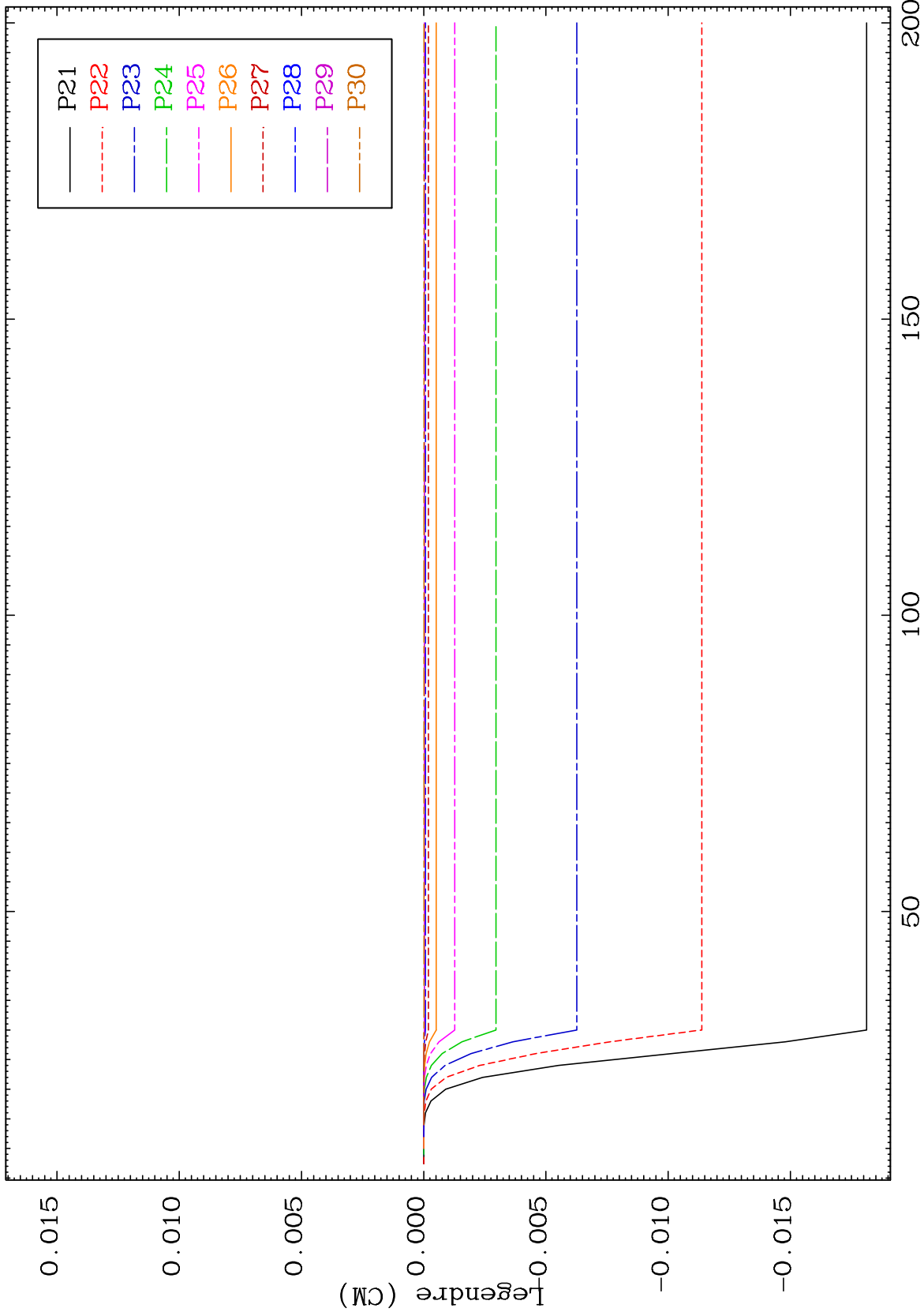
Incident Energy (MeV)

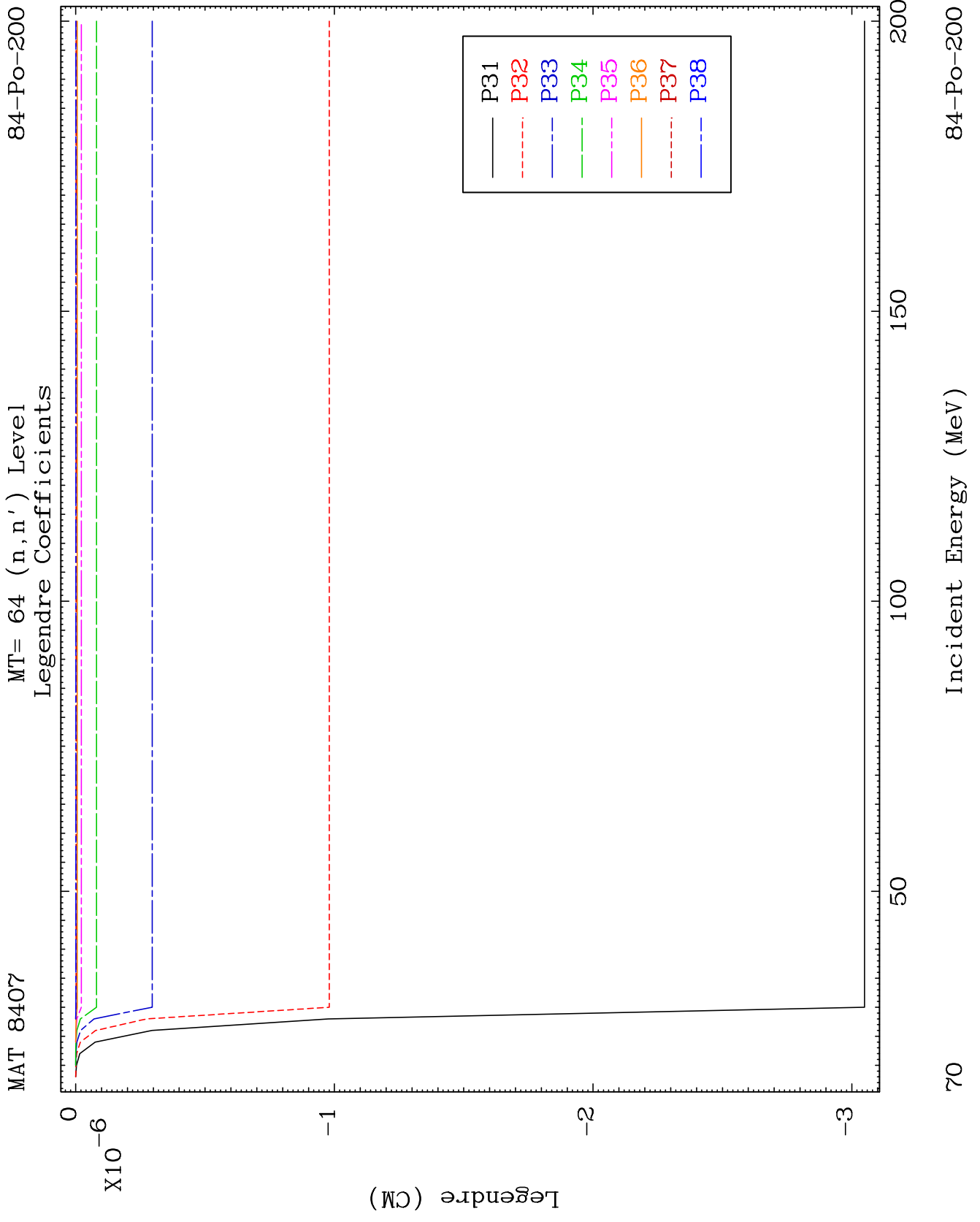
84-Po-200

MAT 8407

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

84-Po-200

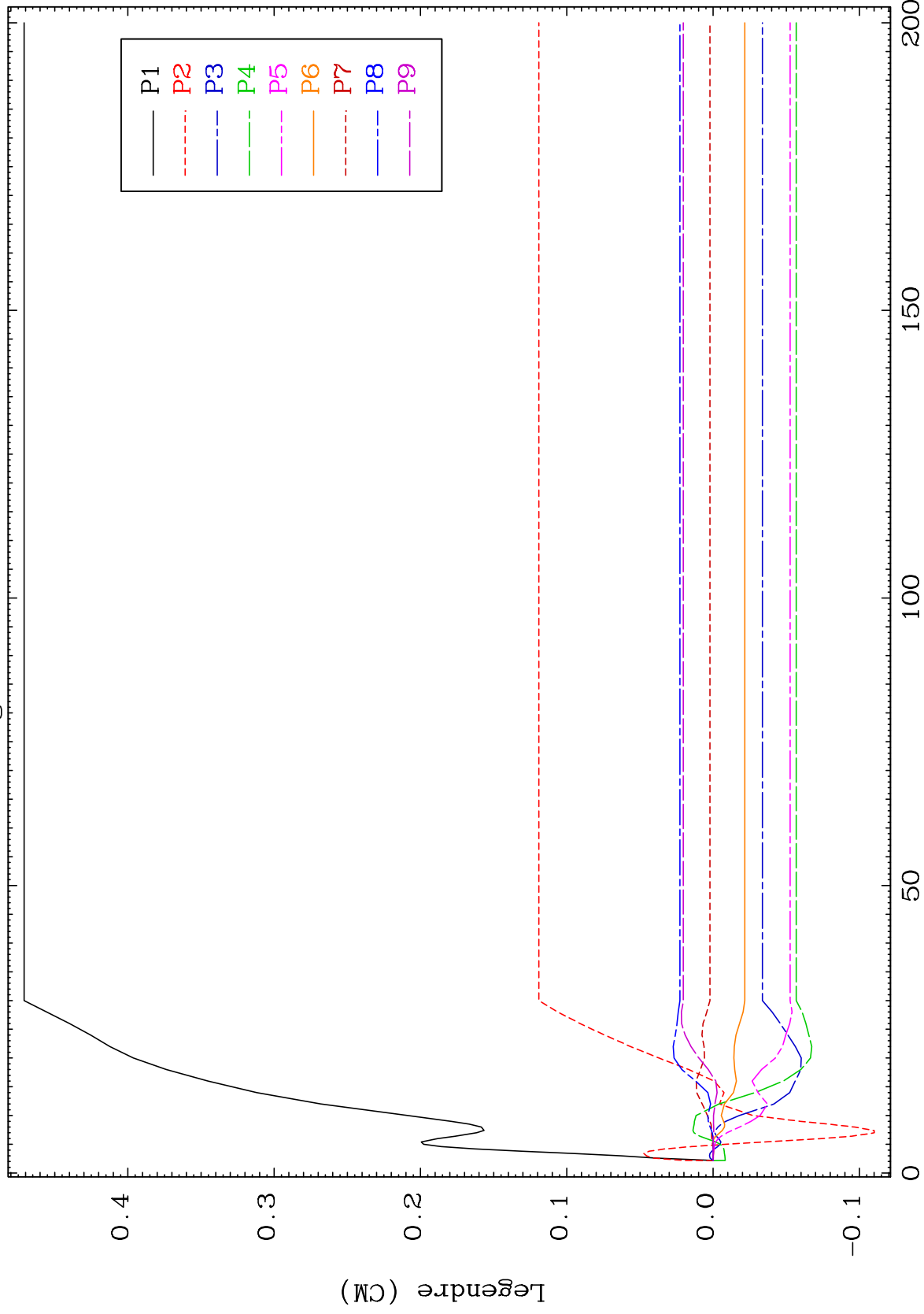




MAT 8407

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

84-Po-200



71

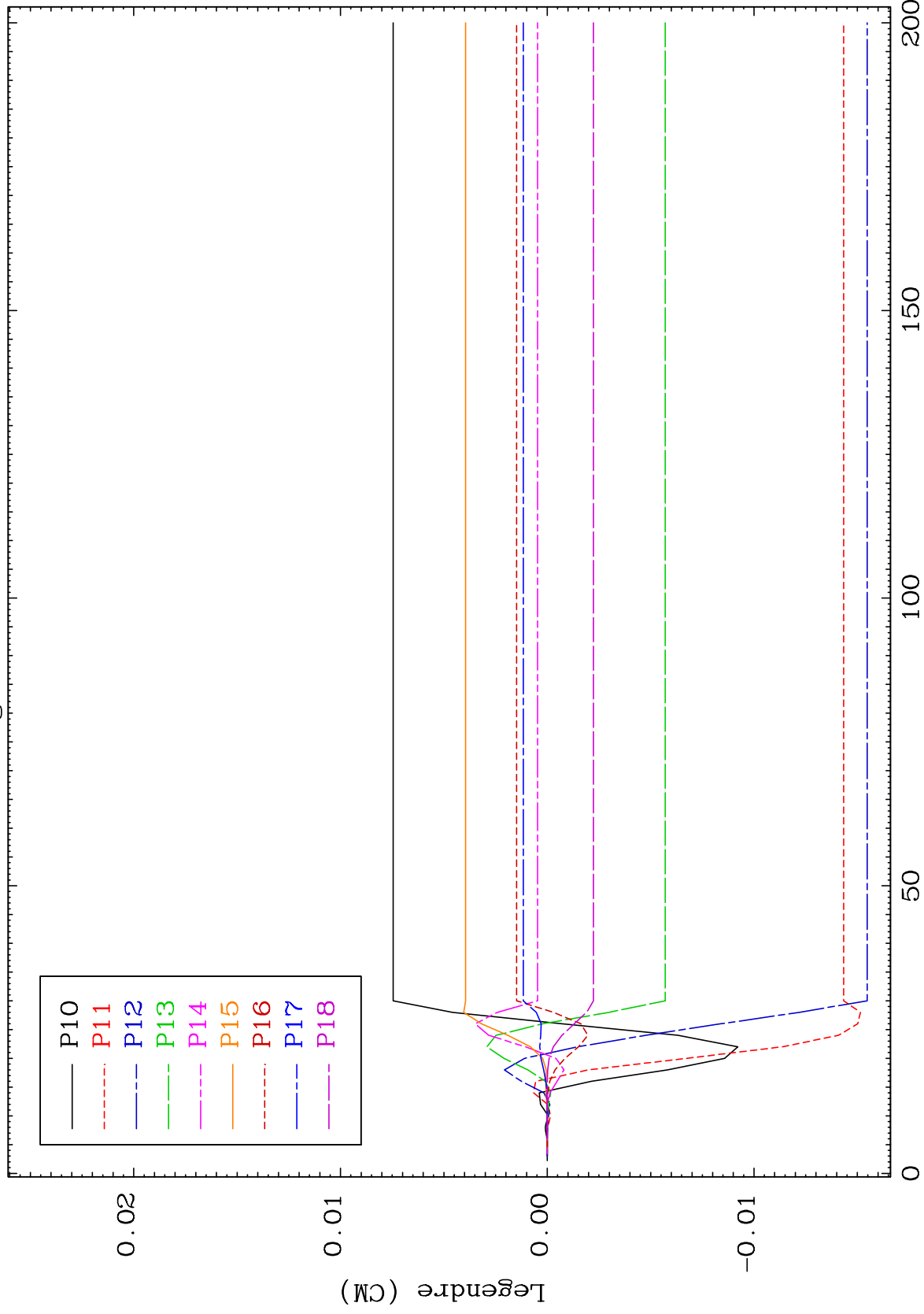
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



72

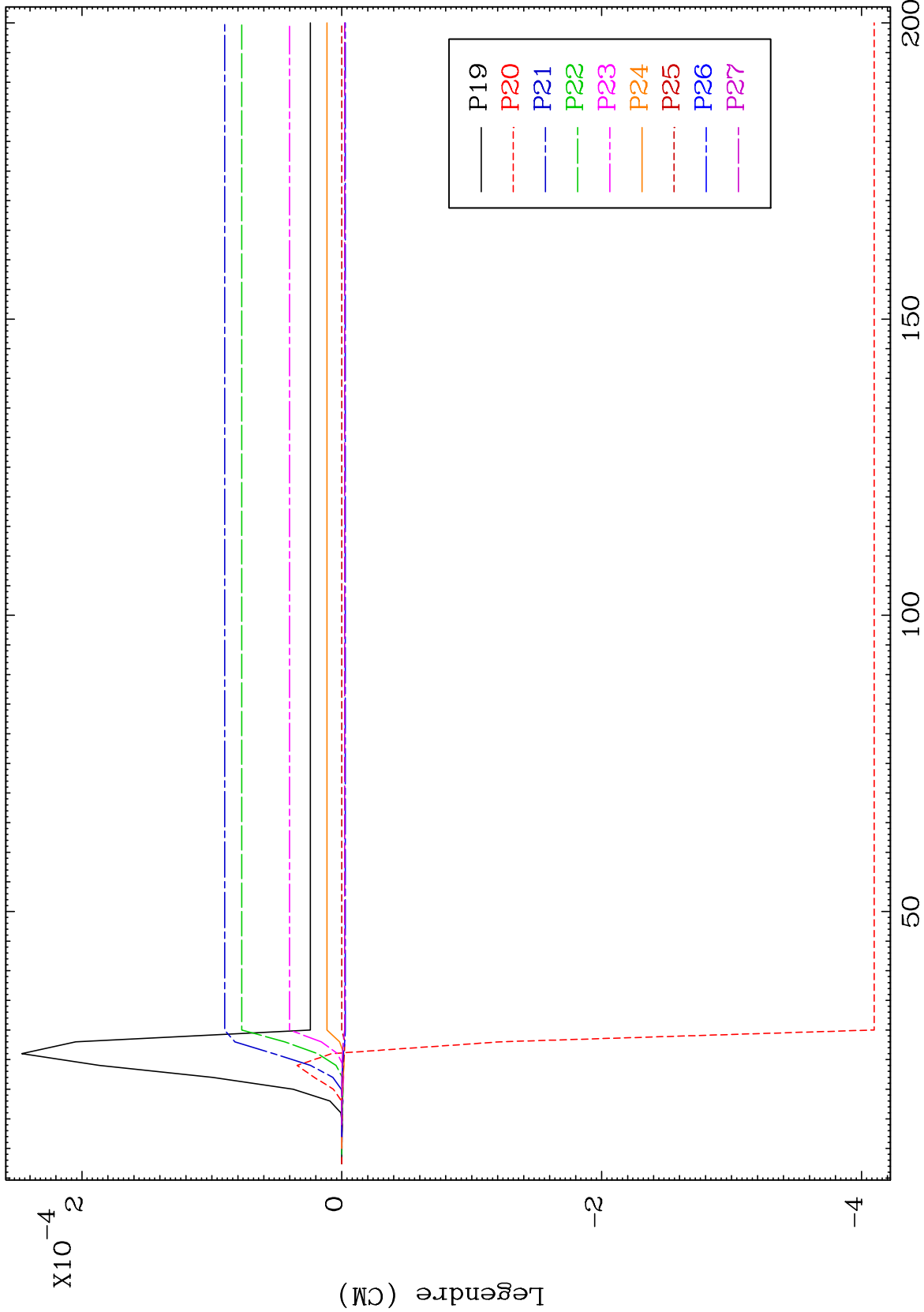
Incident Energy (MeV)

84-Po-200

MAT 8407

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

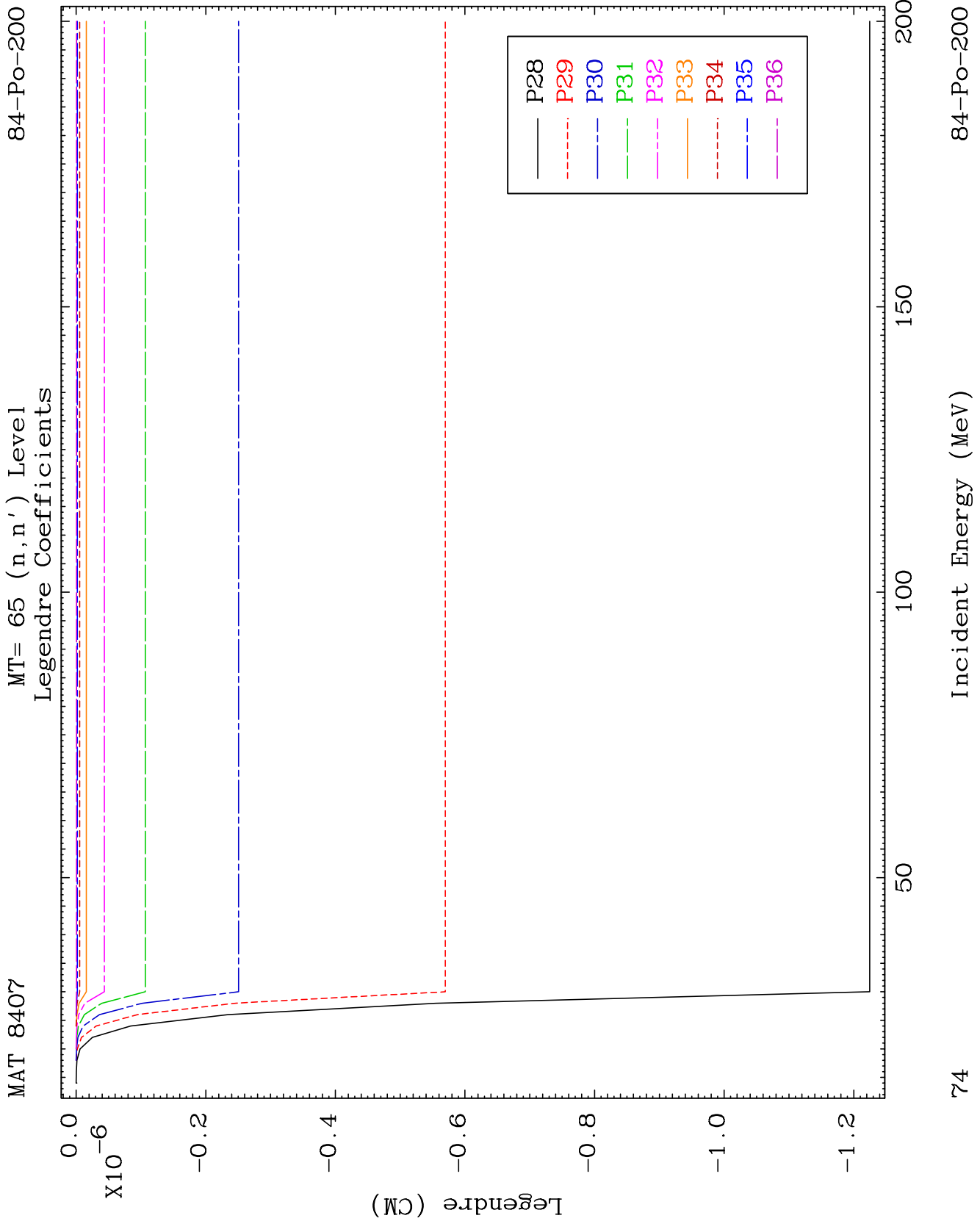
84-Po-200



73

Incident Energy (MeV)

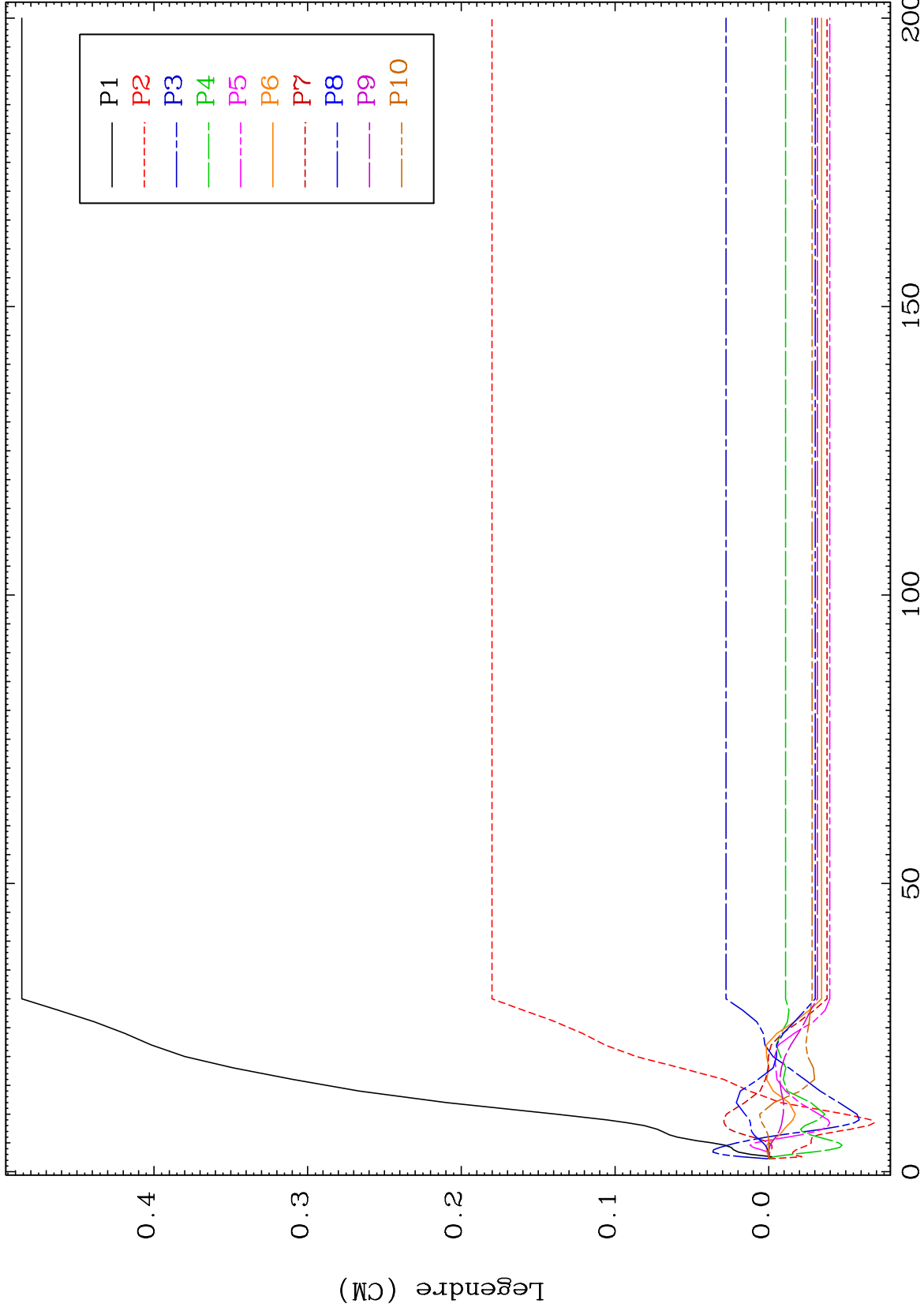
84-Po-200



MAT 8407

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

84-Po-200



75

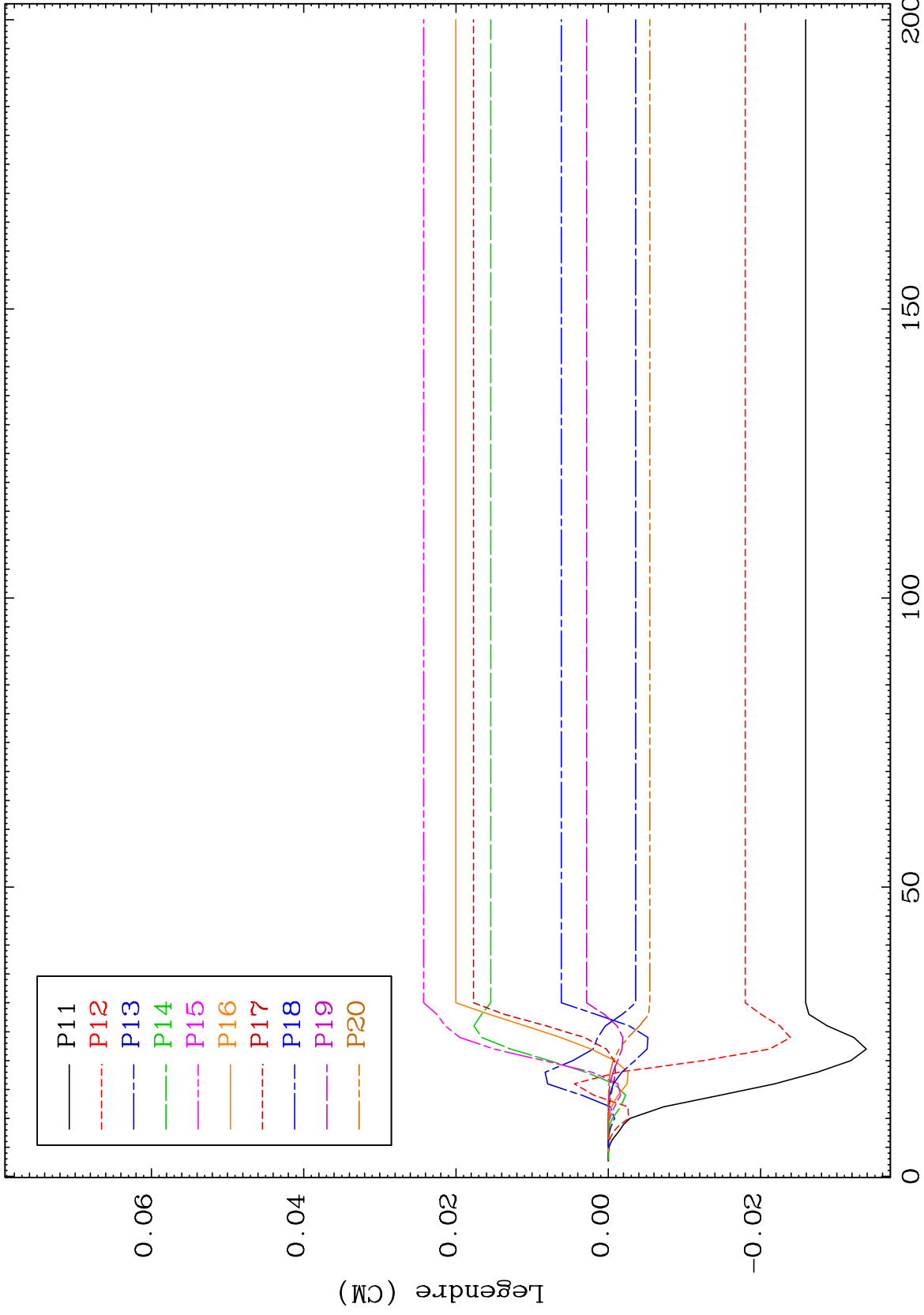
84-Po-200

84-Po-200

MAT 8407

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

84-Po-200



76

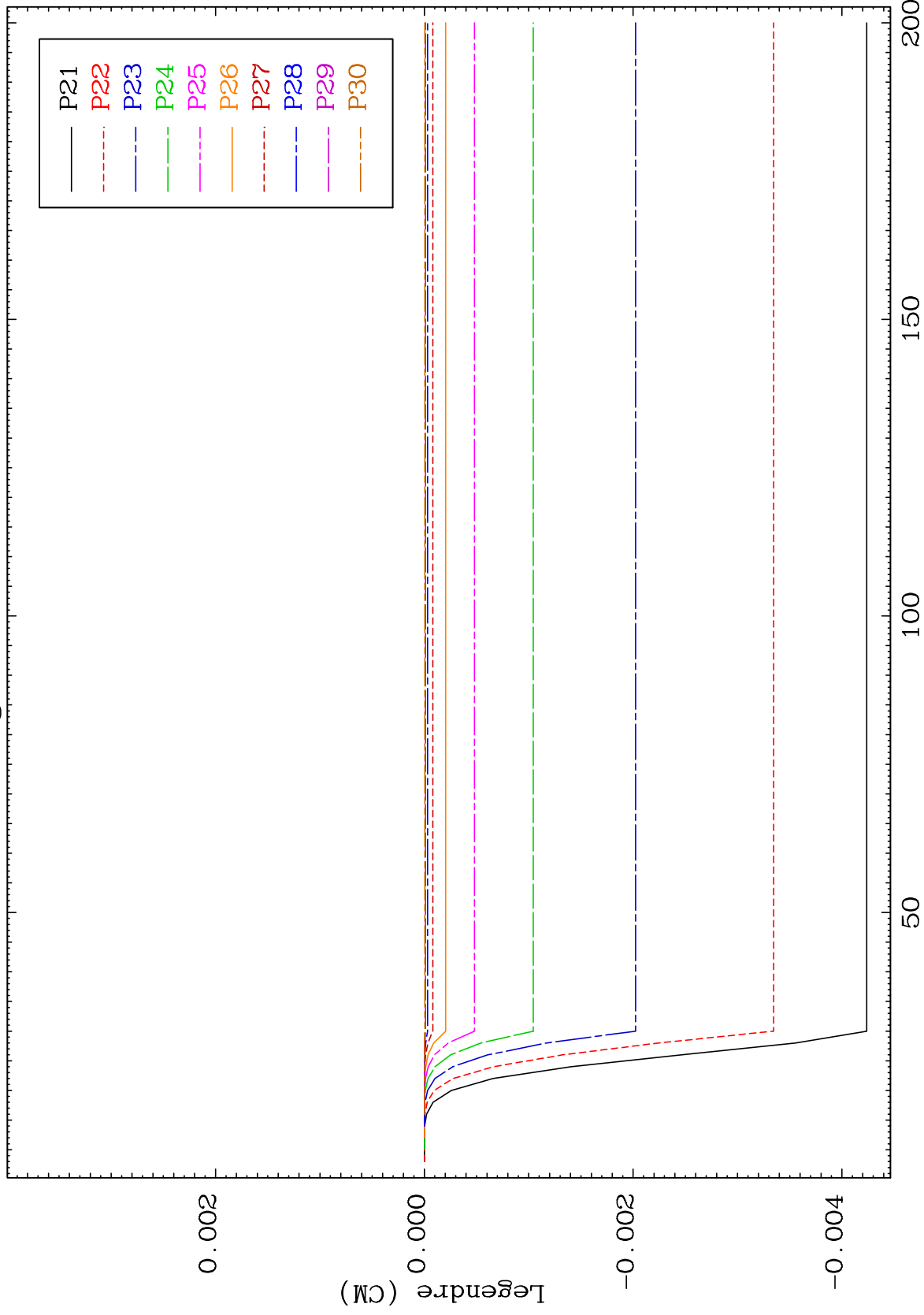
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200



77

Incident Energy (MeV)

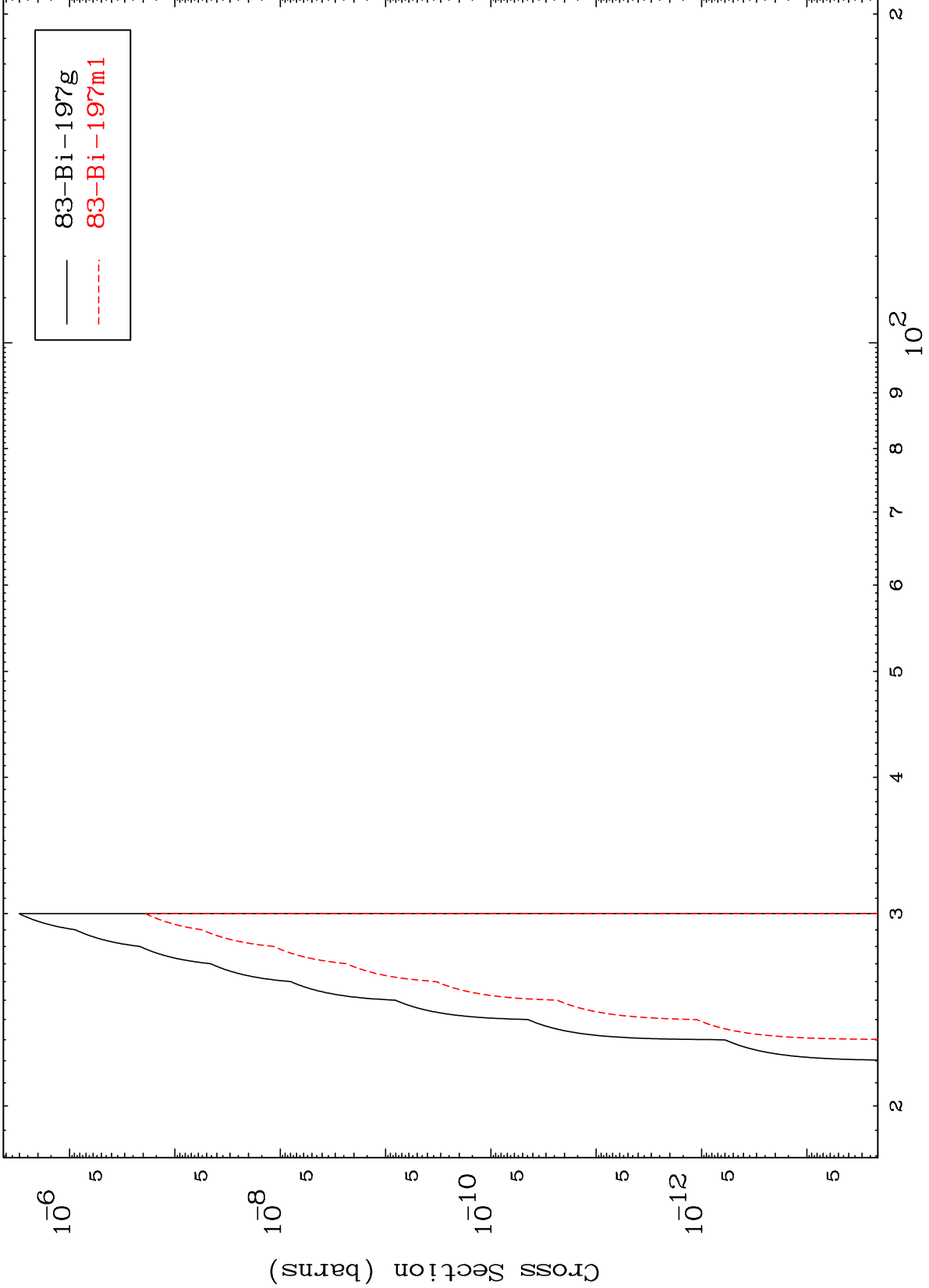
84-Po-200

MAT 8407

(n,2n) d

84-Po-200

Radionuclide Production Cross Section



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

79

Incident Energy (MeV)

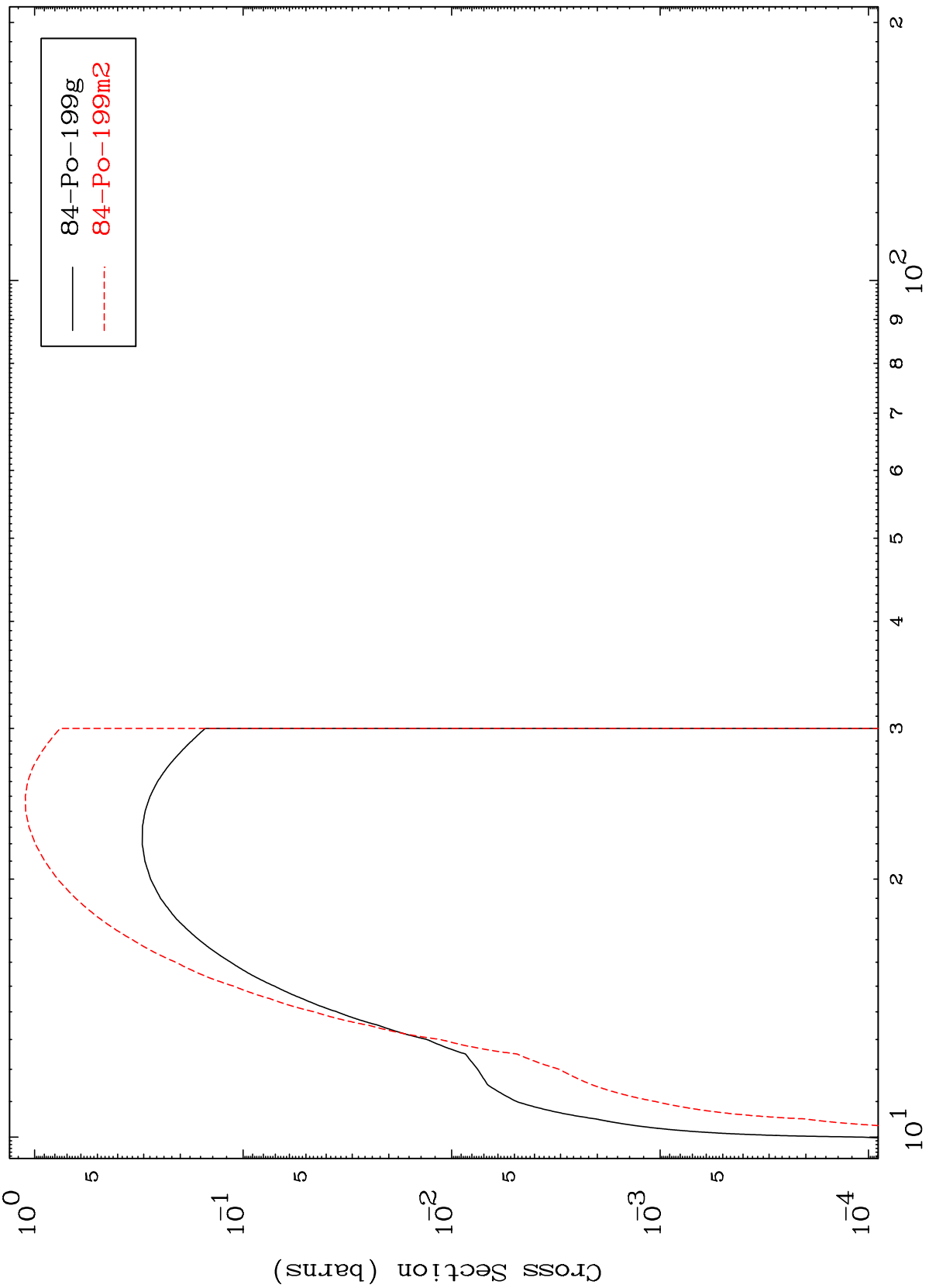
84-Po-200

MAT 8407

84-Po-200

(n,2n)

Radionuclide Production Cross Section



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

84-Po-200

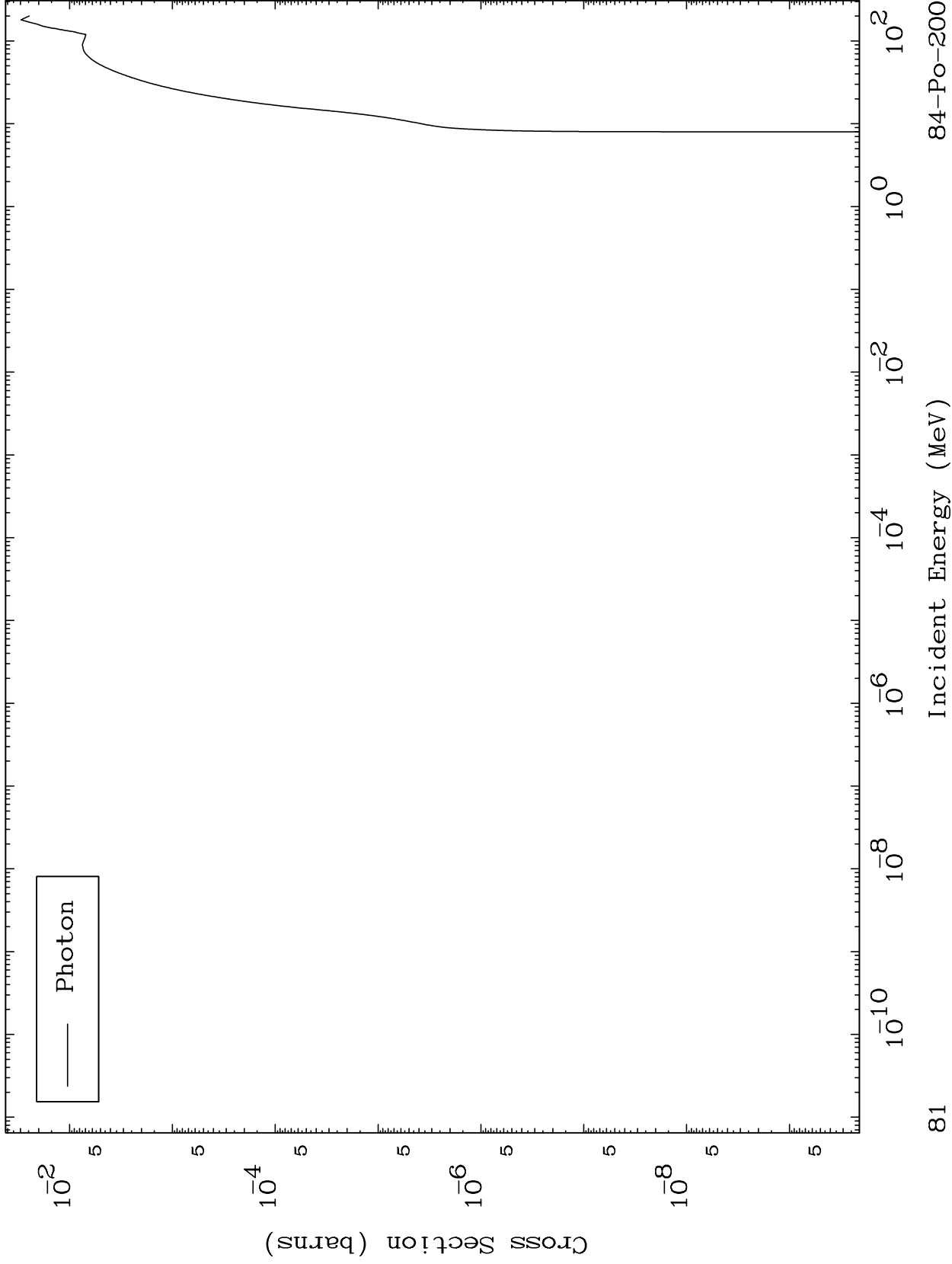
Incident Energy (MeV)

MAT 8407

Fission

84-Po-200

Radionuclide Production Cross Section

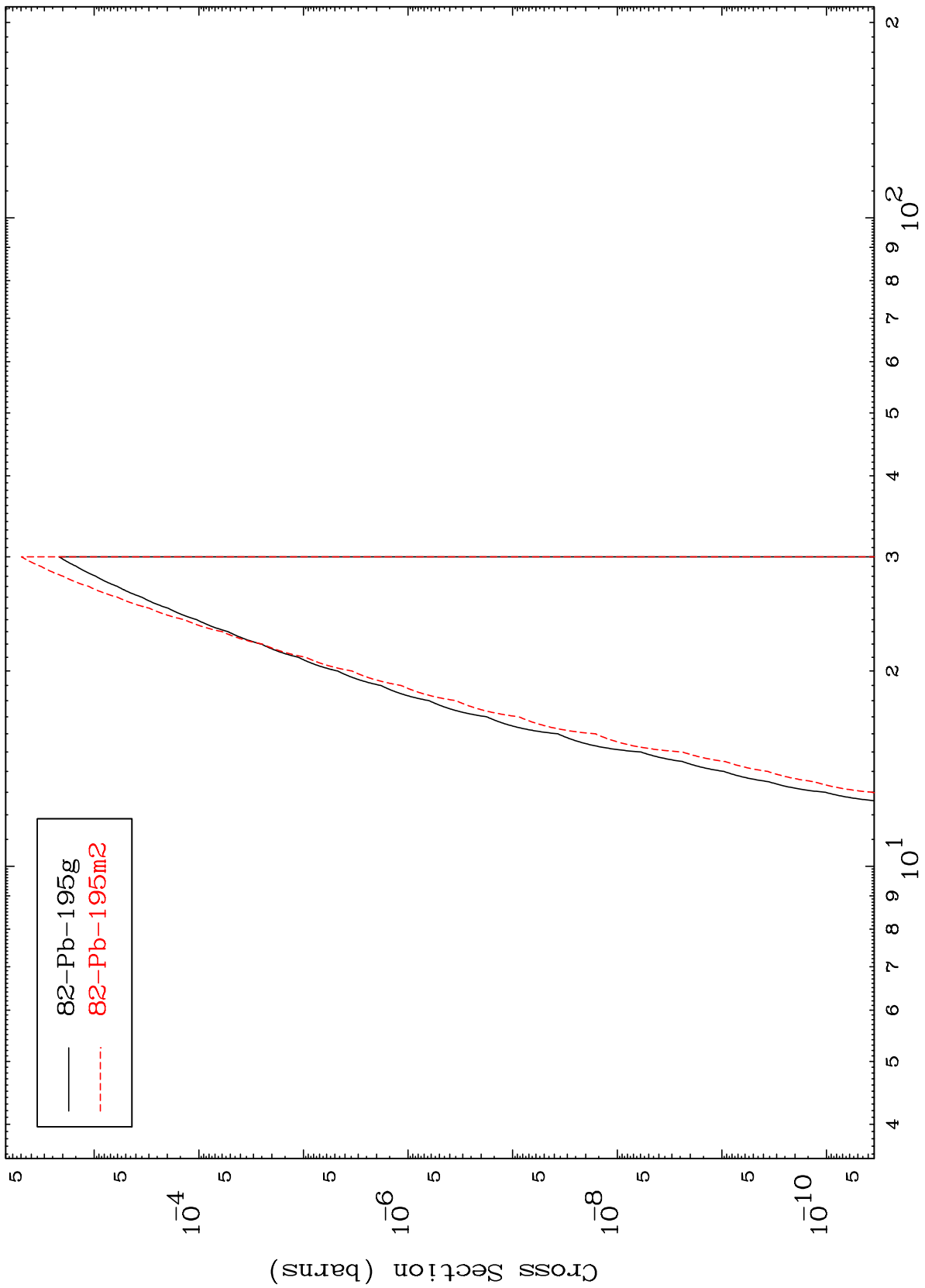


MAT 8407

$(n,2n) \alpha$

84-Po-200

Radionuclide Production Cross Section



82

Incident Energy (MeV)

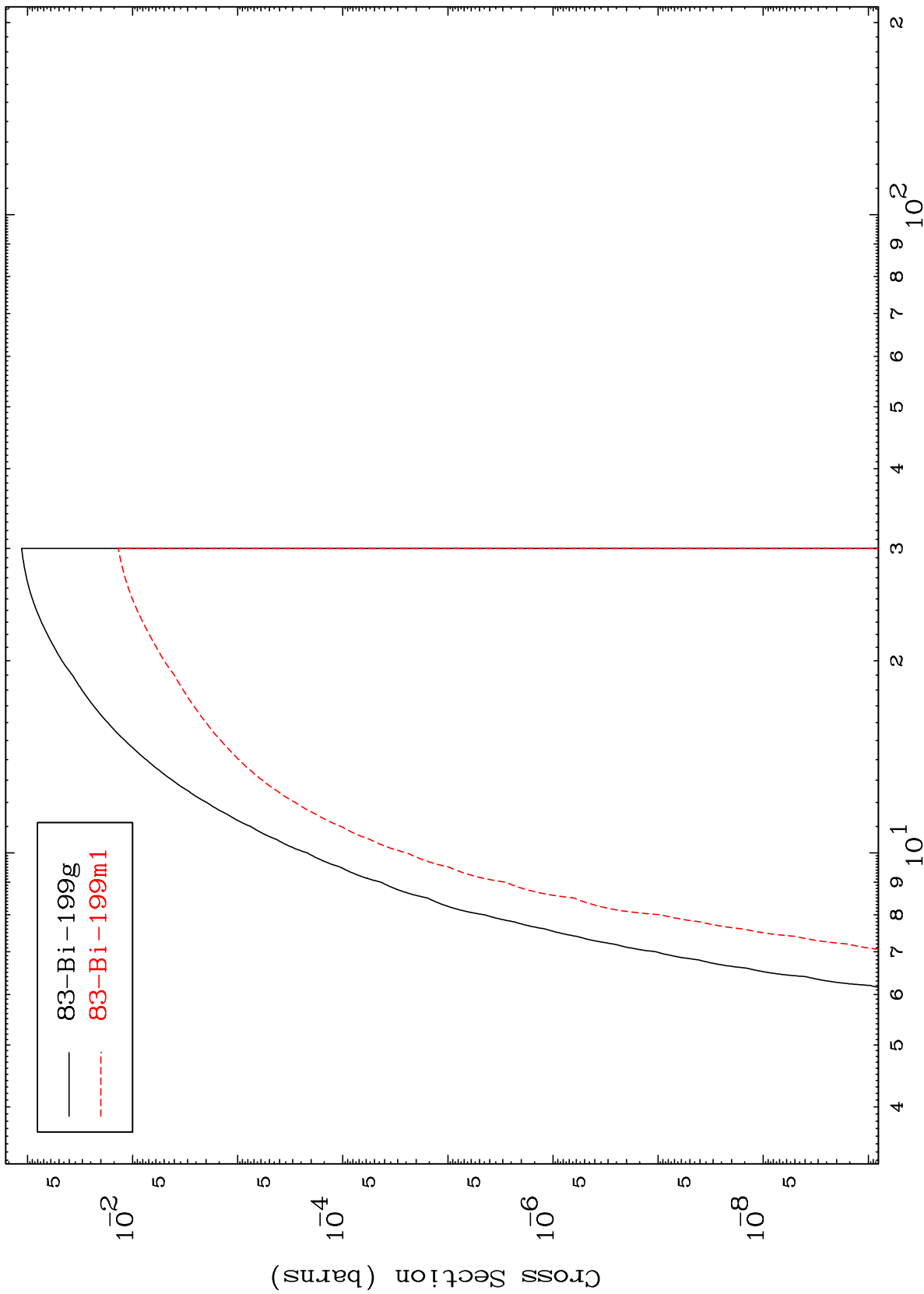
84-Po-200

MAT 8407

(n,n') p

84-Po-200

Radionuclide Production Cross Section



83-Bi-199g
83-Bi-199m1

83

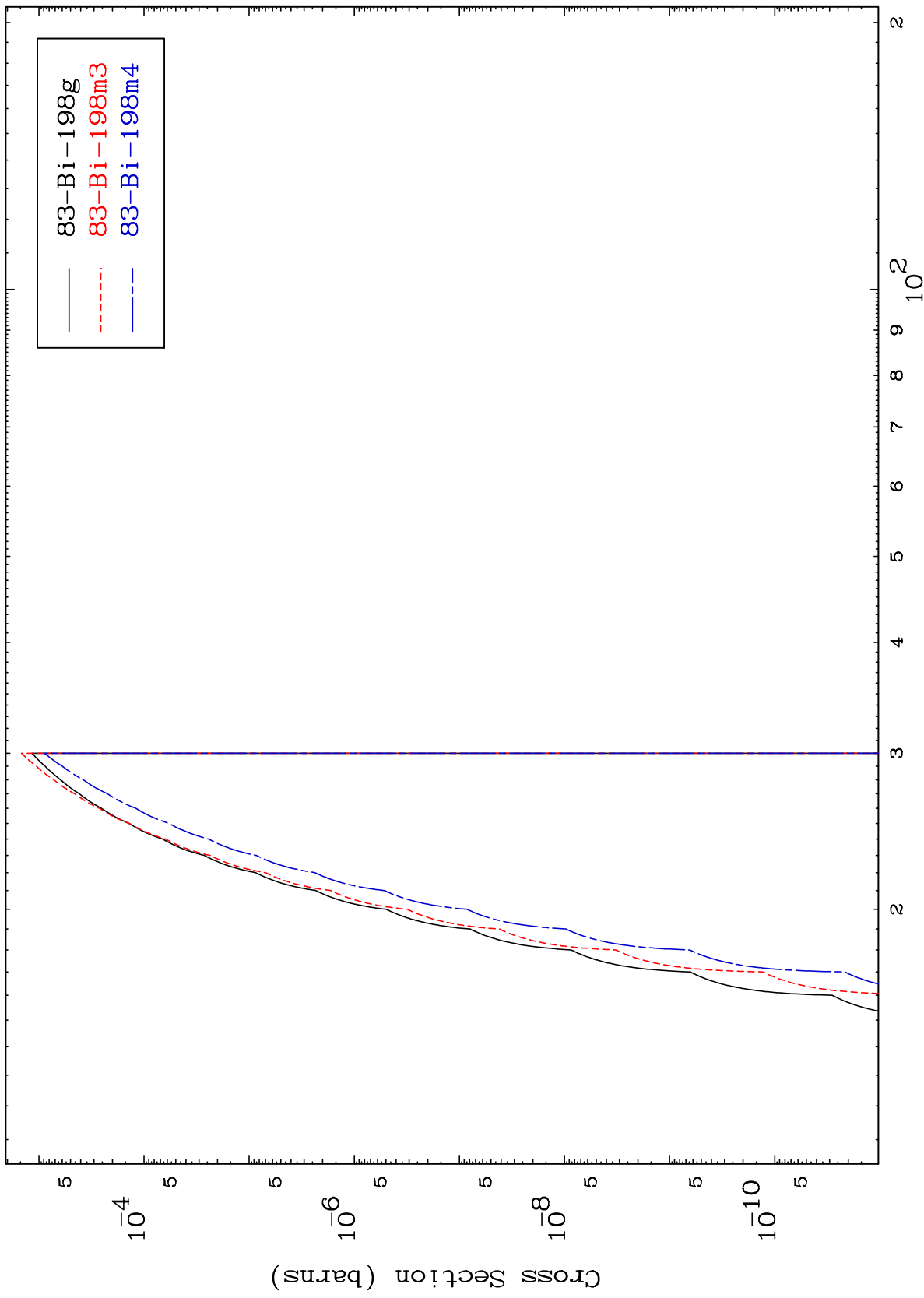
Incident Energy (MeV)

84-Po-200

MAT 8407

84-Po-200

(n, n') d
Radionuclide Production Cross Section



84

Incident Energy (MeV)

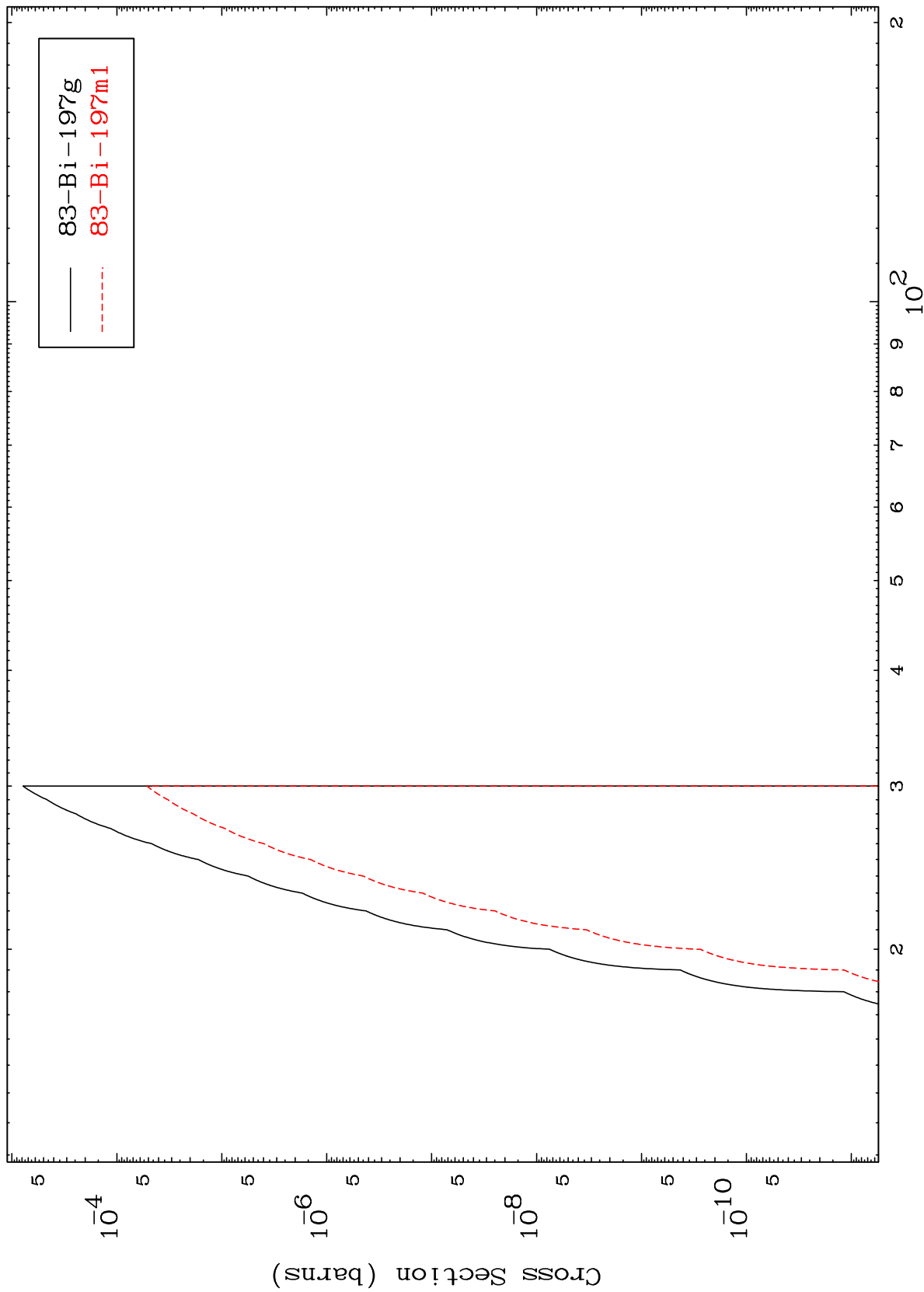
84-Po-200

MAT 8407

(n,n') t

84-Po-200

Radionuclide Production Cross Section



85

Incident Energy (MeV)

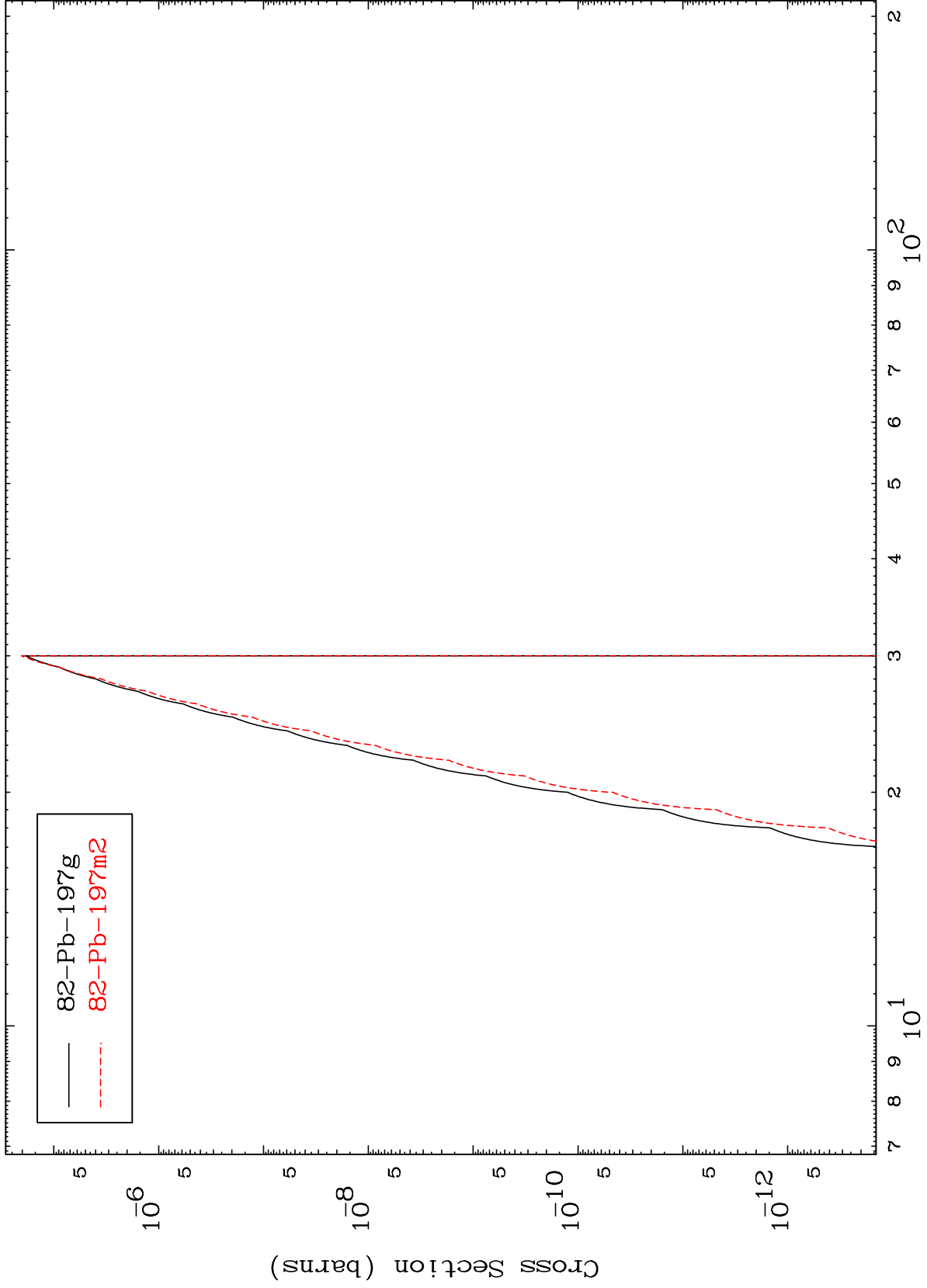
84-Po-200

MAT 8407

(n,n') He-3

84-Po-200

Radionuclide Production Cross Section



86

Incident Energy (MeV)

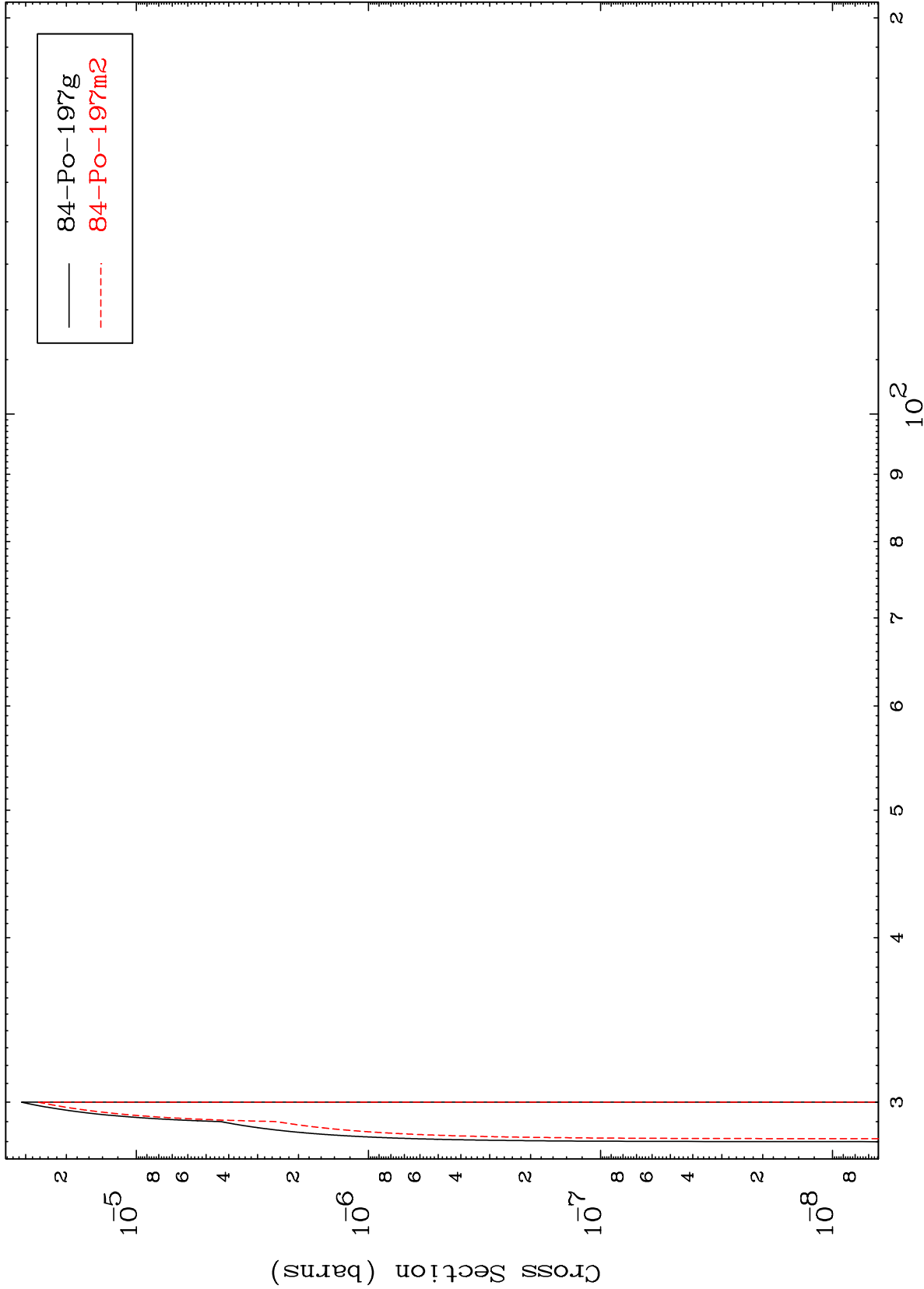
84-Po-200

MAT 8407

(n,4n)

84-Po-200

Radionuclide Production Cross Section



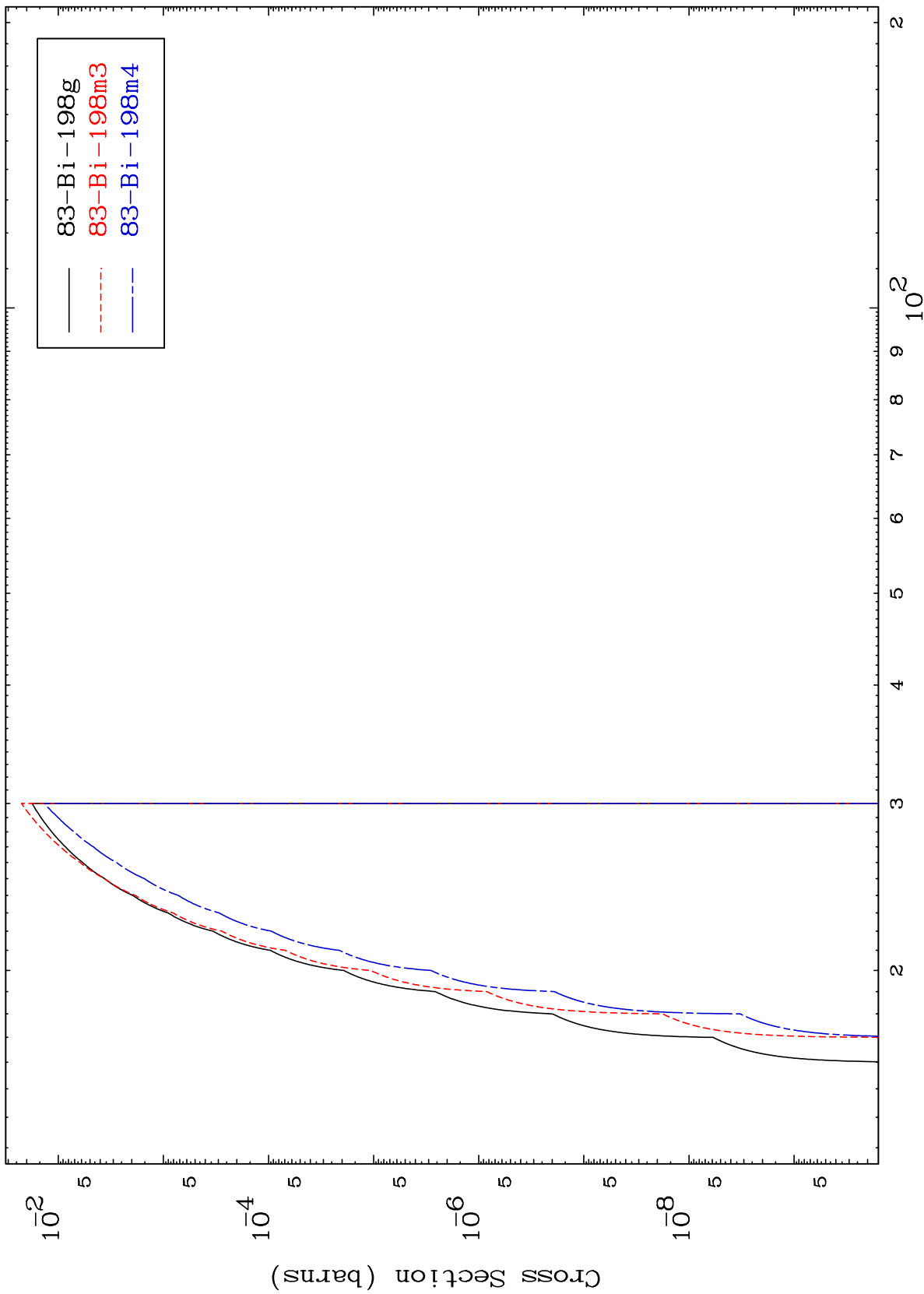
84-Po-197g
84-Po-197m2

87

Incident Energy (MeV)

84-Po-200

Radionuclide Production Cross Section

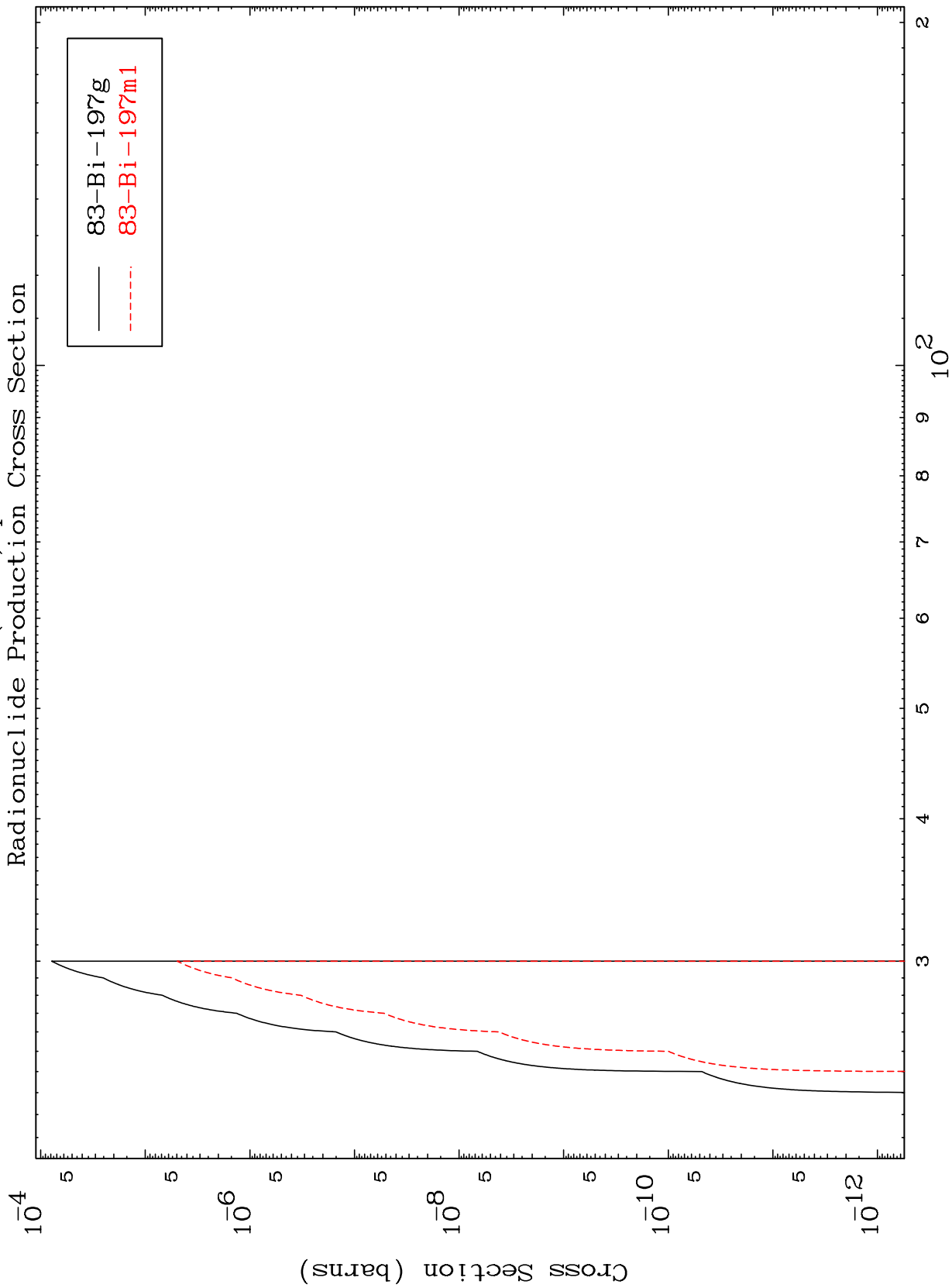


MAT 8407

(n,3n) p

84-Po-200

Radionuclide Production Cross Section



89

Incident Energy (MeV)

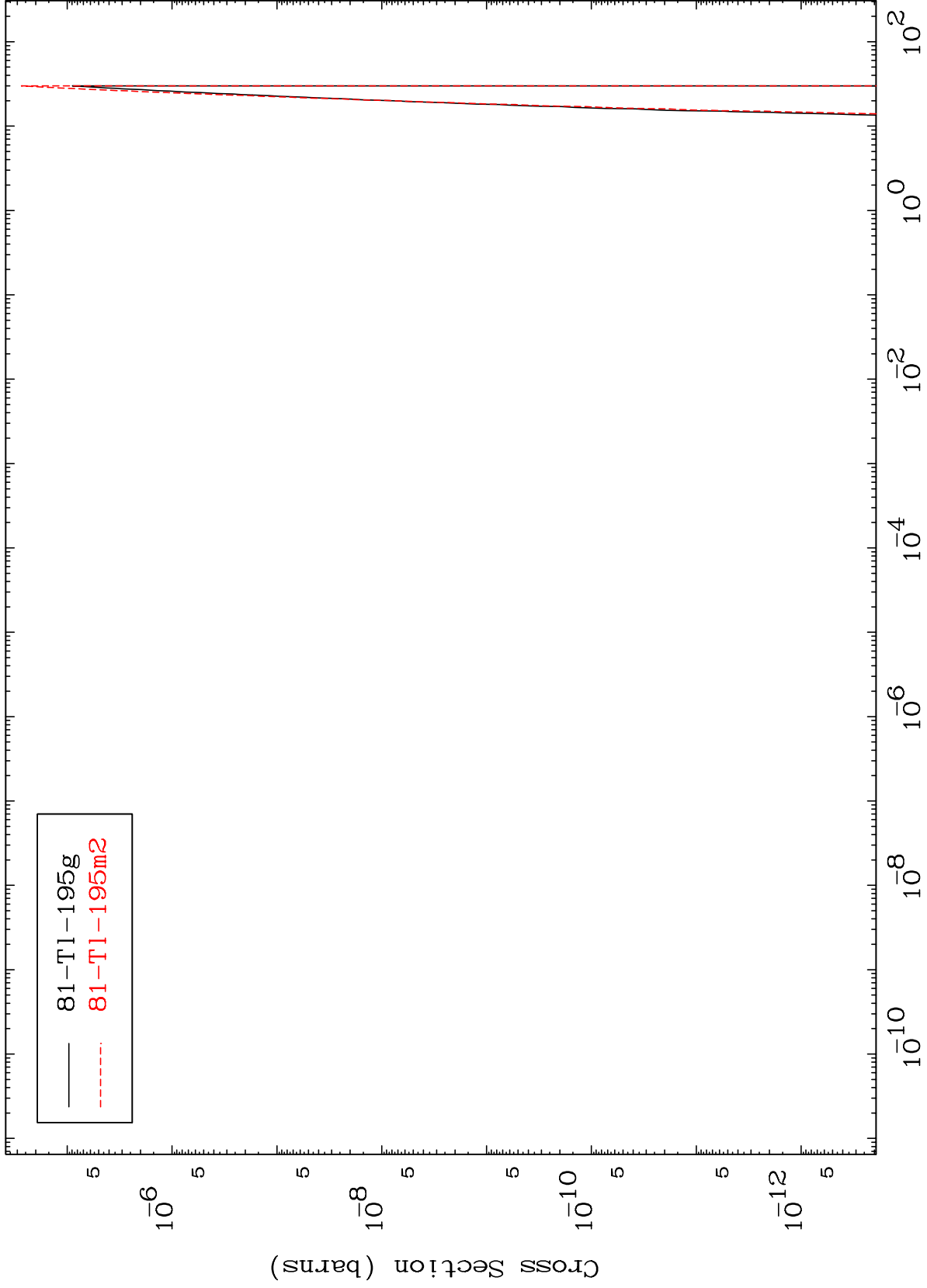
84-Po-200

MAT 8407

(n,n') p α

84-Po-200

Radionuclide Production Cross Section



90

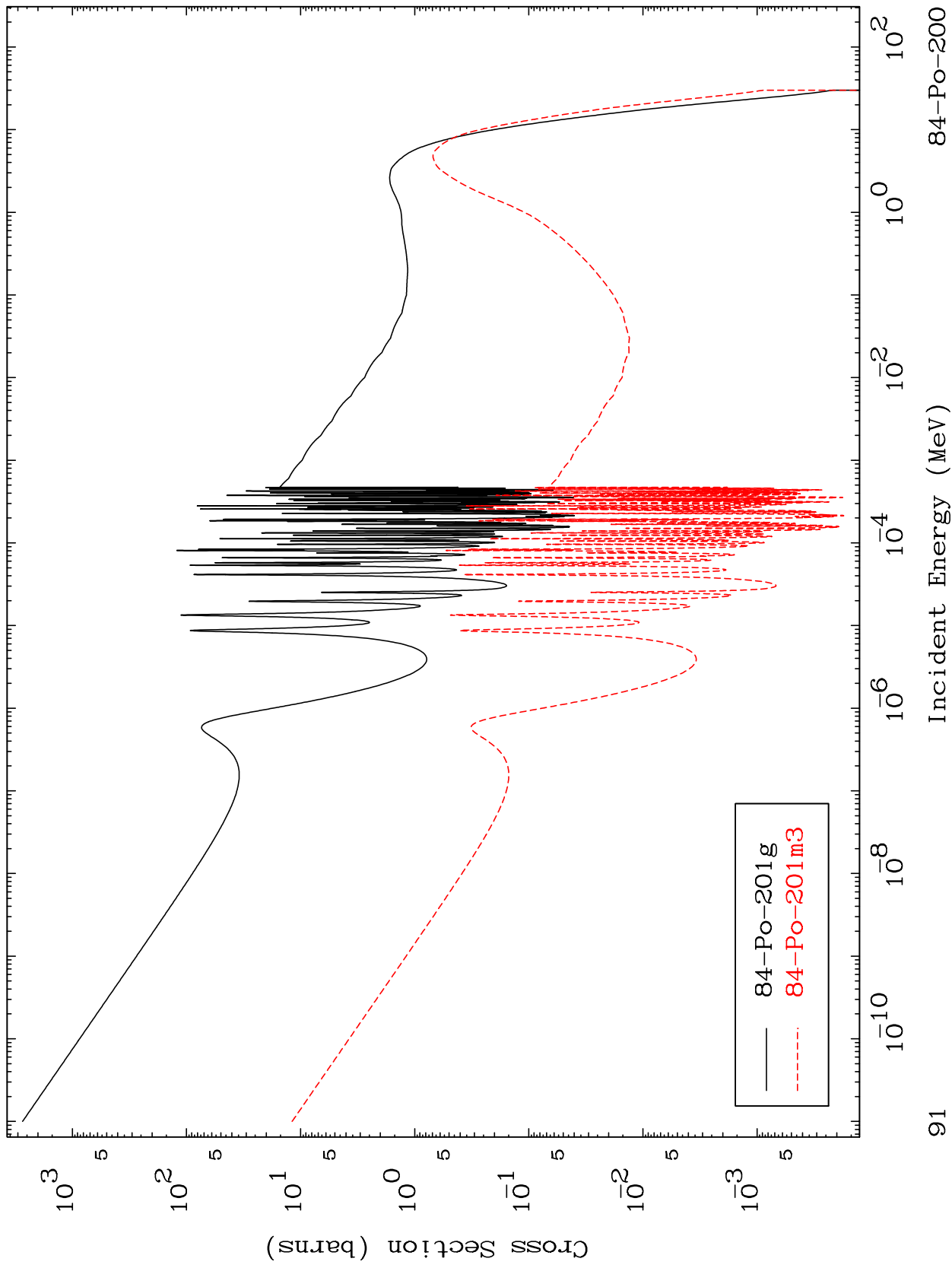
Incident Energy (MeV)

84-Po-200

MAT 8407

84-Po-200

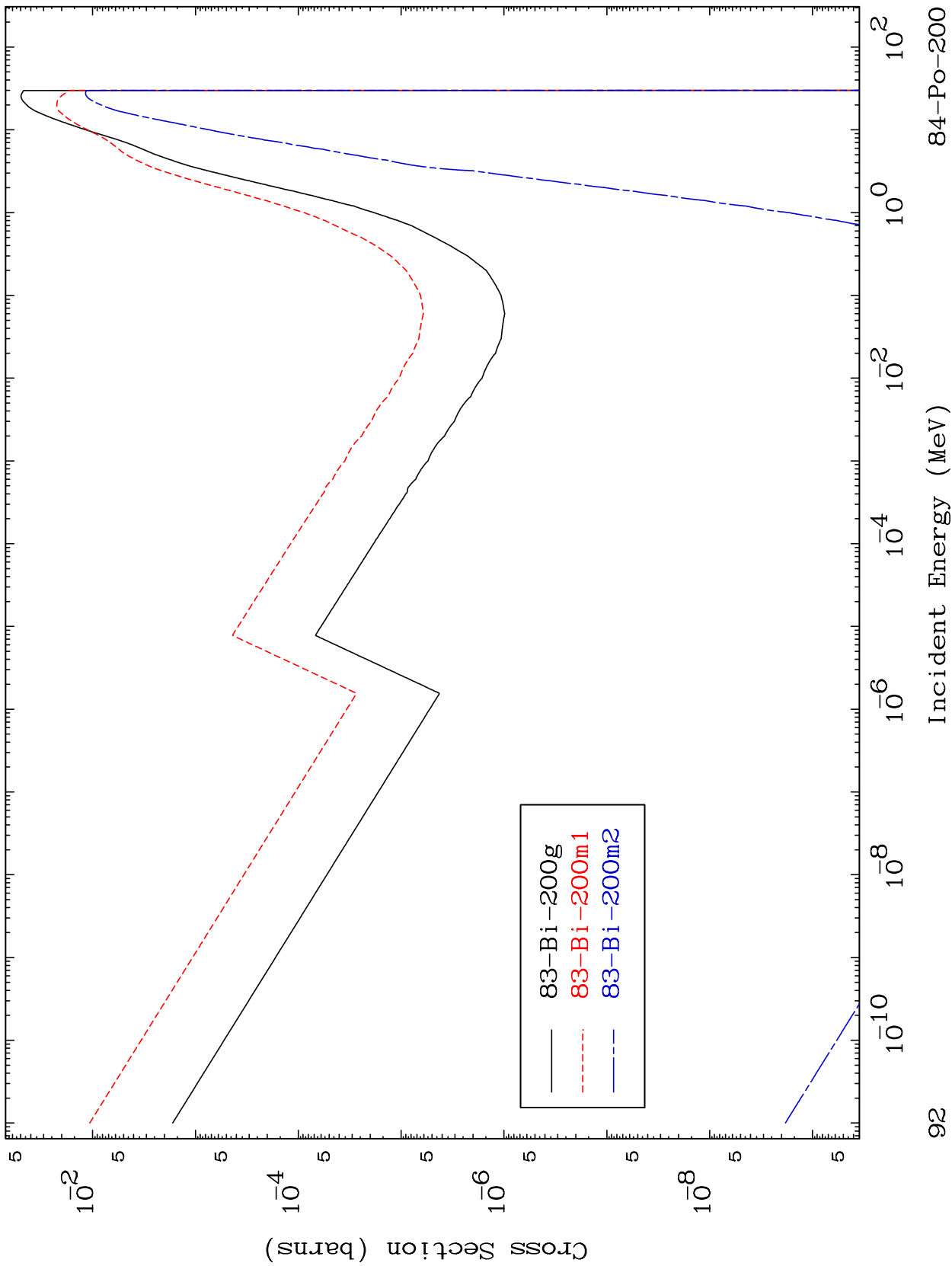
(n, γ)
Radionuclide Production Cross Section



MAT 8407

84-Po-200

(n,p)
Radionuclide Production Cross Section

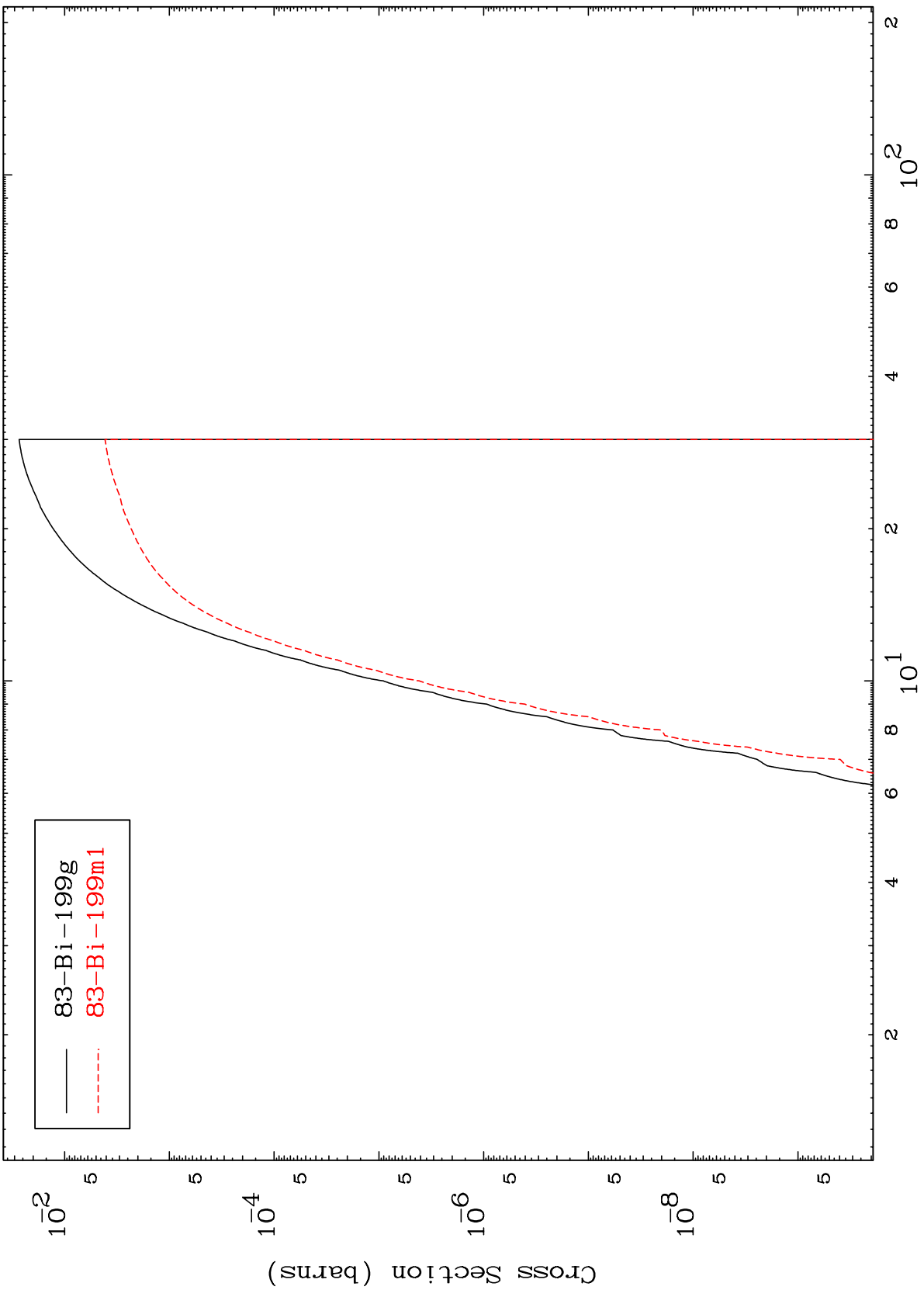


MAT 8407

(n,d)

84-Po-200

Radionuclide Production Cross Section



— 83-Bi-199g
- - - 83-Bi-199m1

93

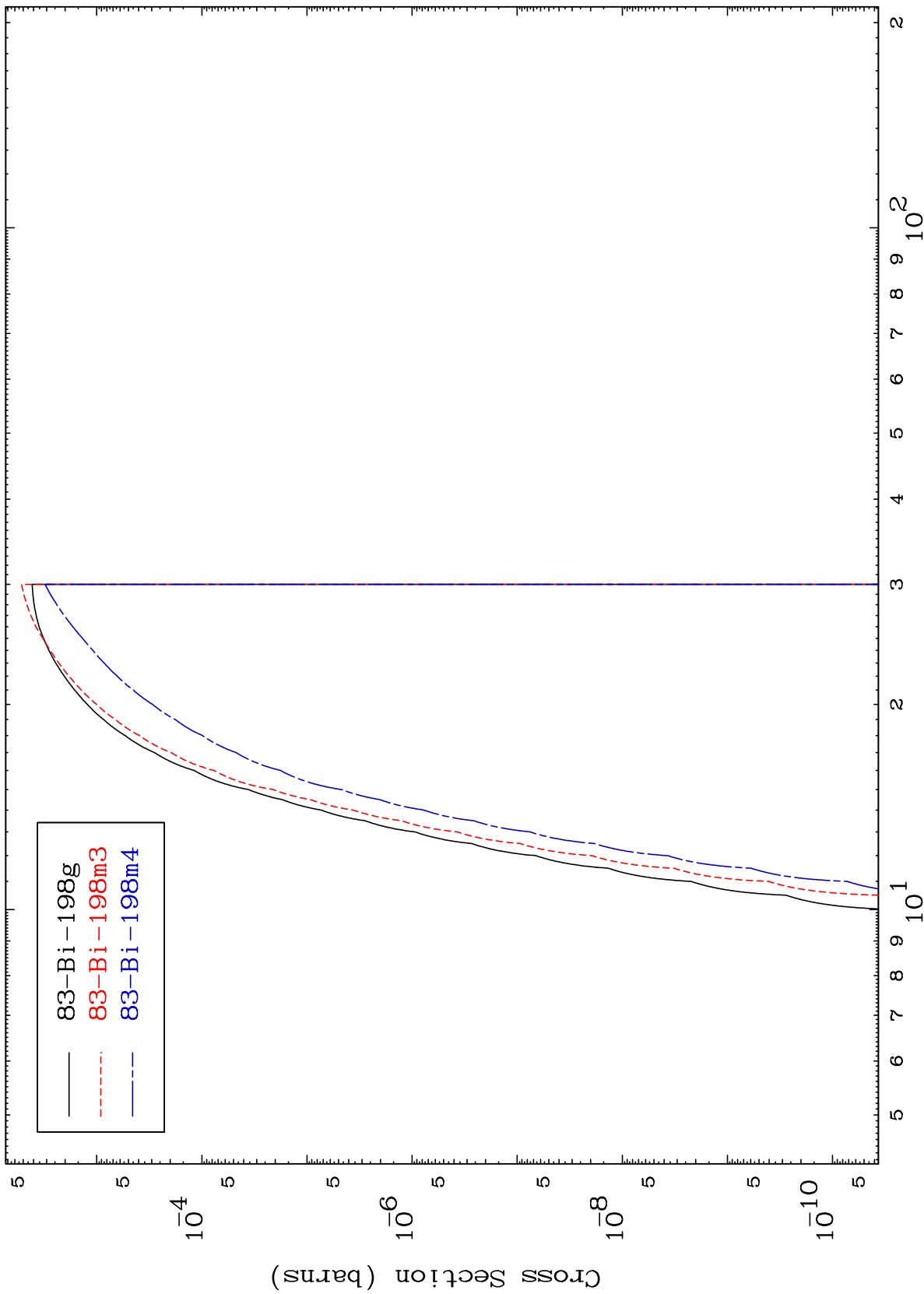
Incident Energy (MeV)

84-Po-200

MAT 8407

84-Po-200

(n, t)
Radionuclide Production Cross Section



94

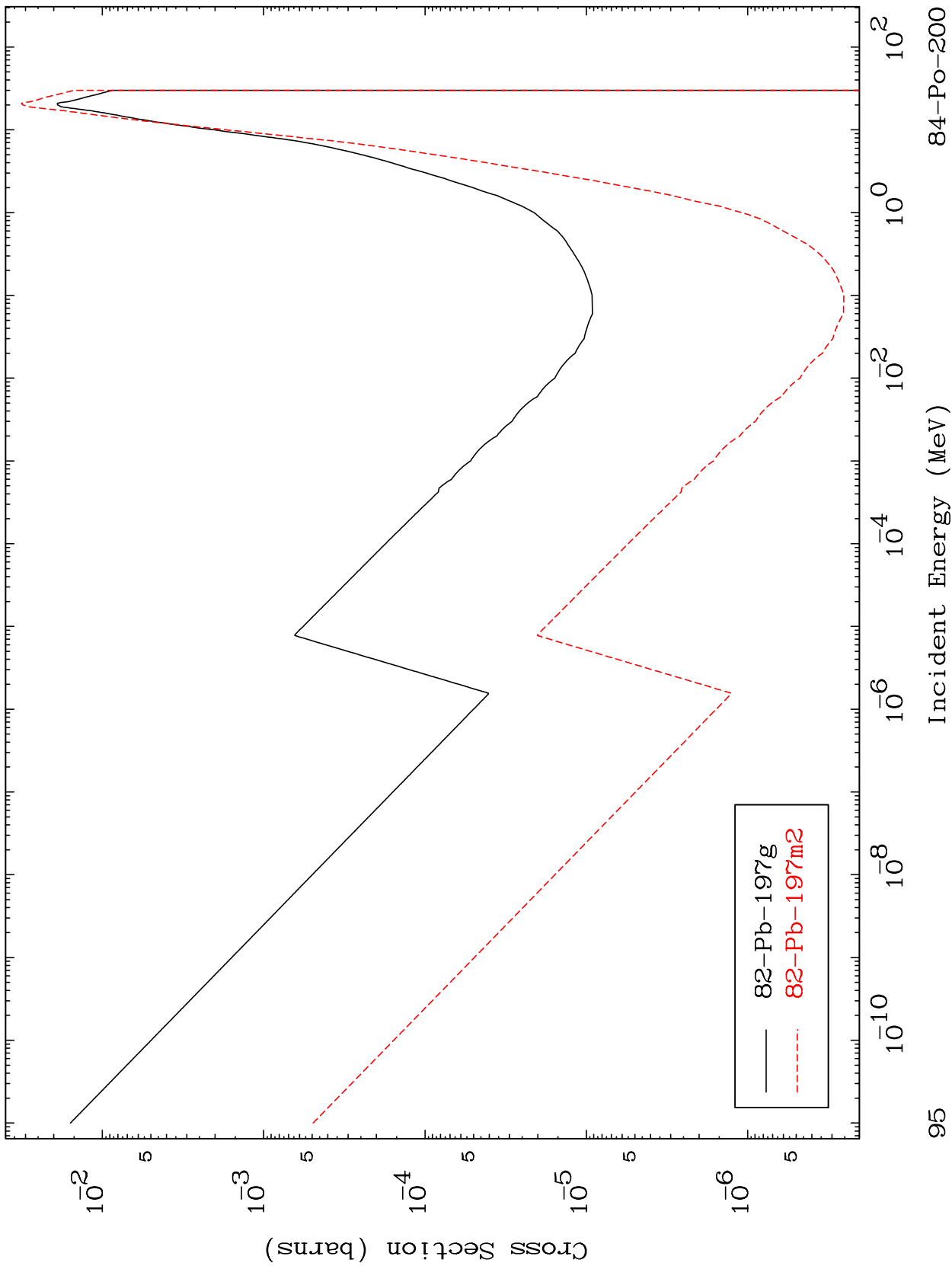
Incident Energy (MeV)

84-Po-200

MAT 8407

84-Po-200

(n, α)
Radionuclide Production Cross Section

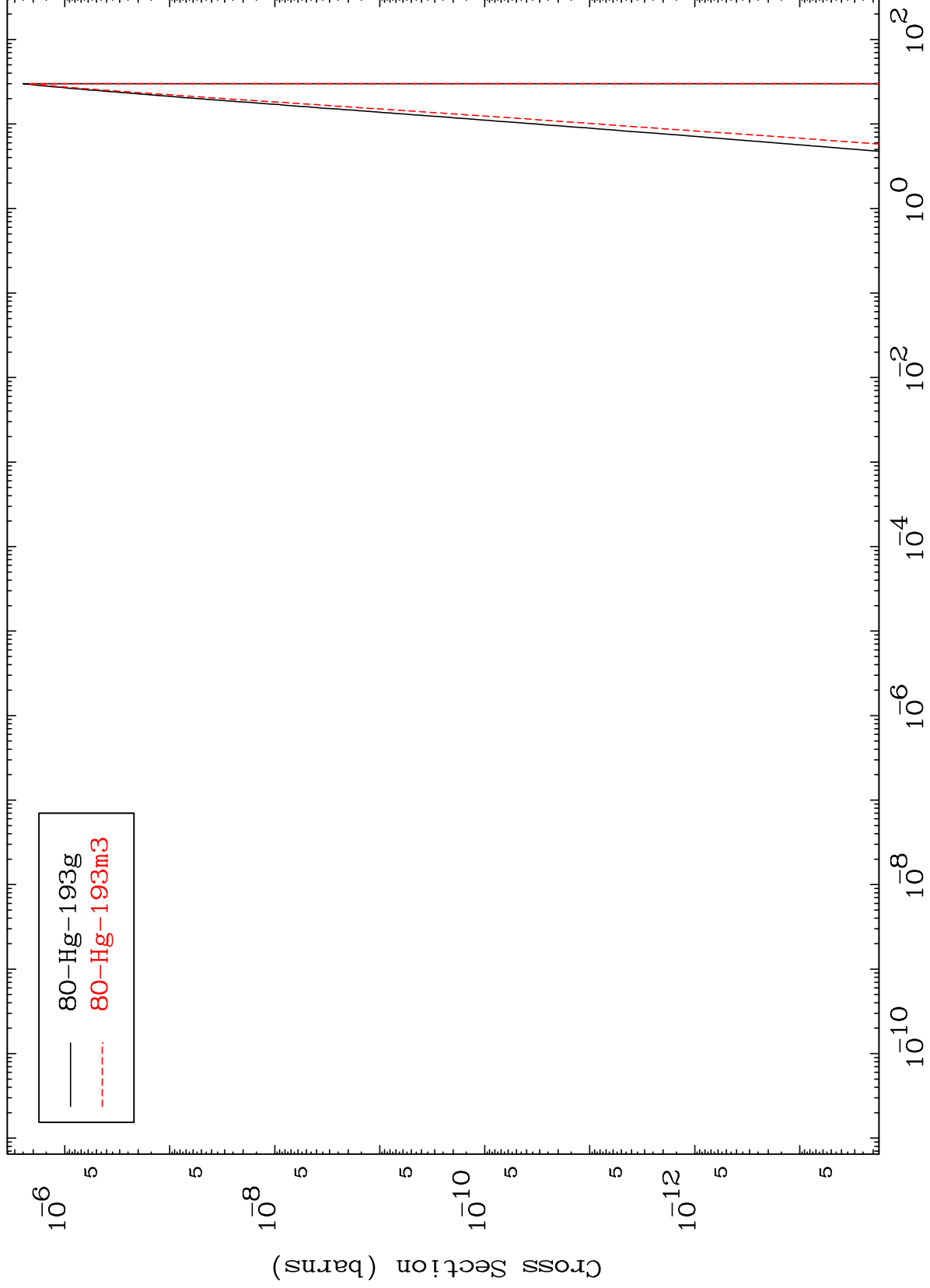


MAT 8407

(n,2α)

84-Po-200

Radionuclide Production Cross Section



80-Hg-193g
80-Hg-193m3

96

Incident Energy (MeV)

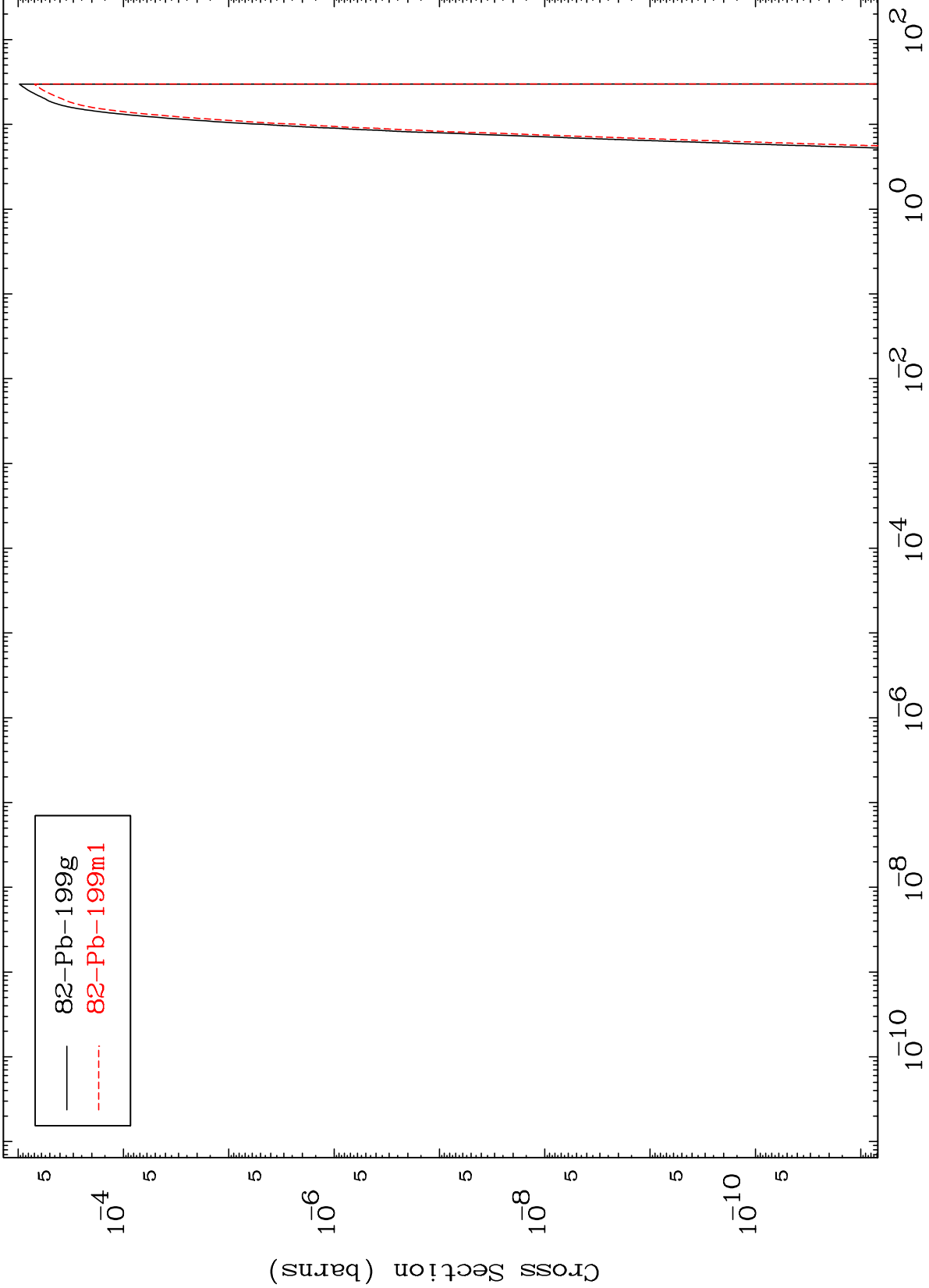
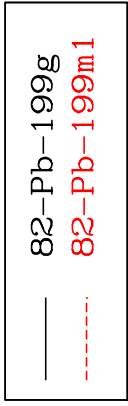
84-Po-200

MAT 8407

(n,2p)

84-Po-200

Radionuclide Production Cross Section



97

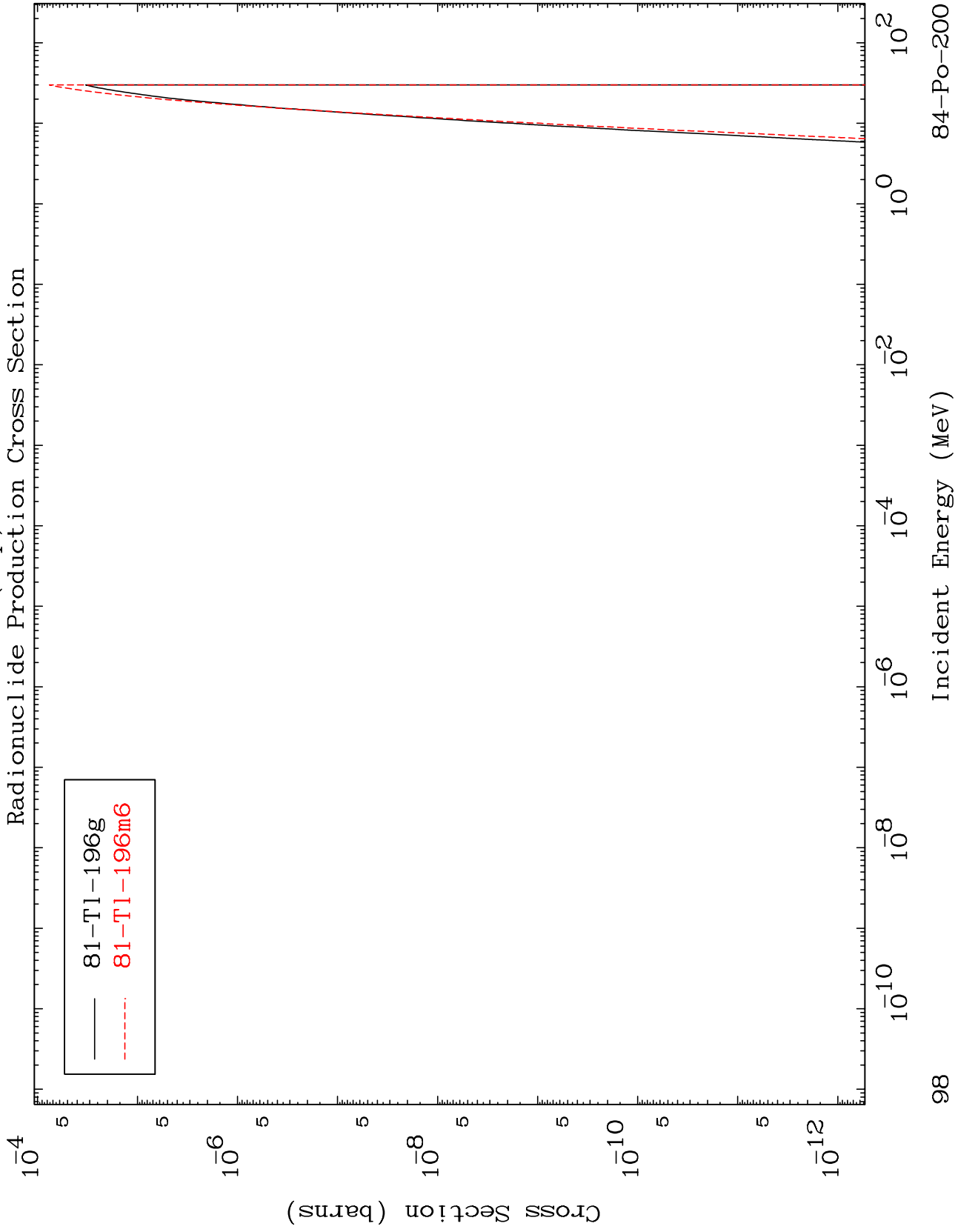
Incident Energy (MeV)

84-Po-200

MAT 8407

(n,p) α

84-Po-200

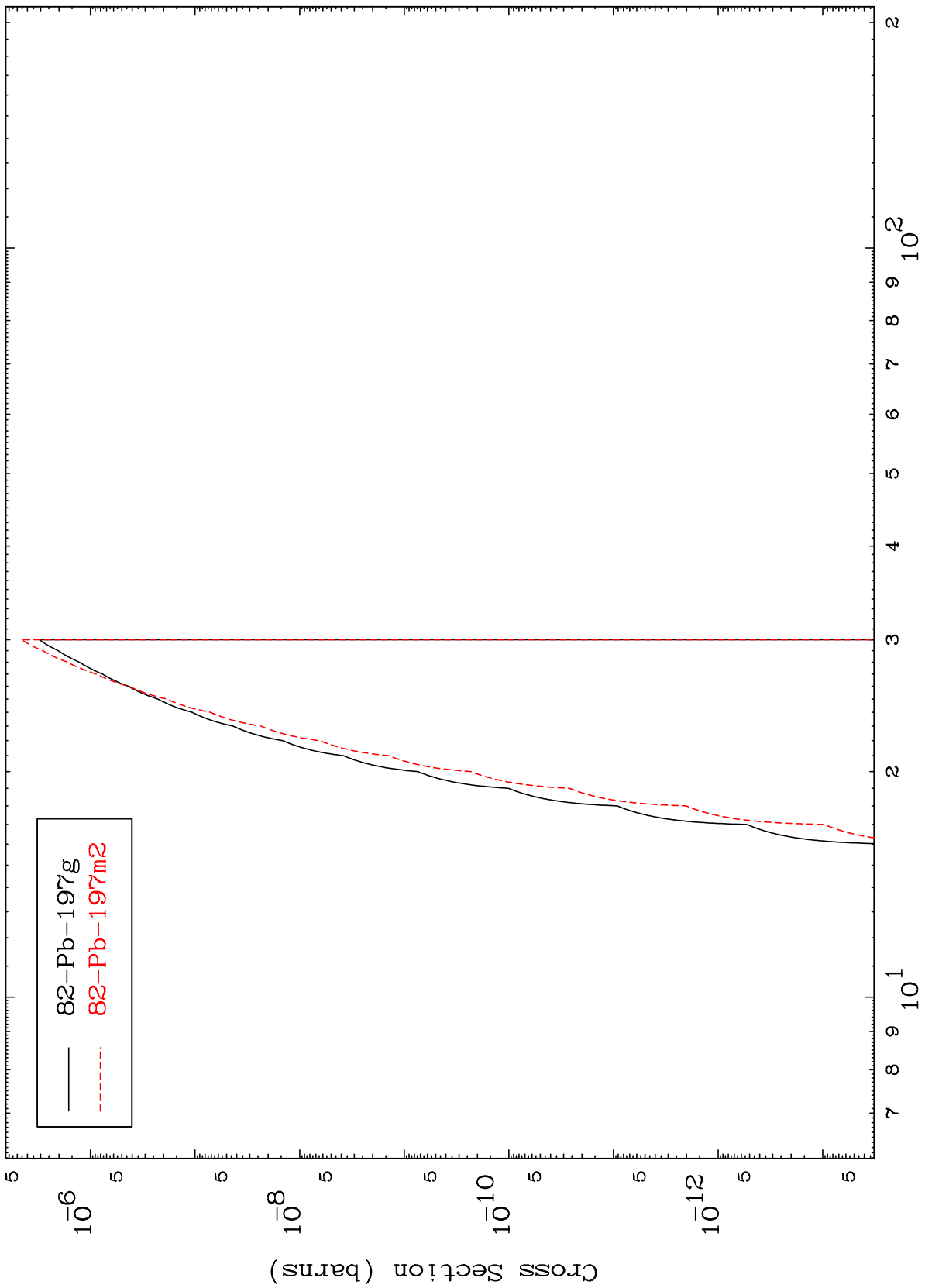


MAT 8407

(n,p) t

84-Po-200

Radionuclide Production Cross Section



82-Pb-197g
82-Pb-197m2

99

Incident Energy (MeV)

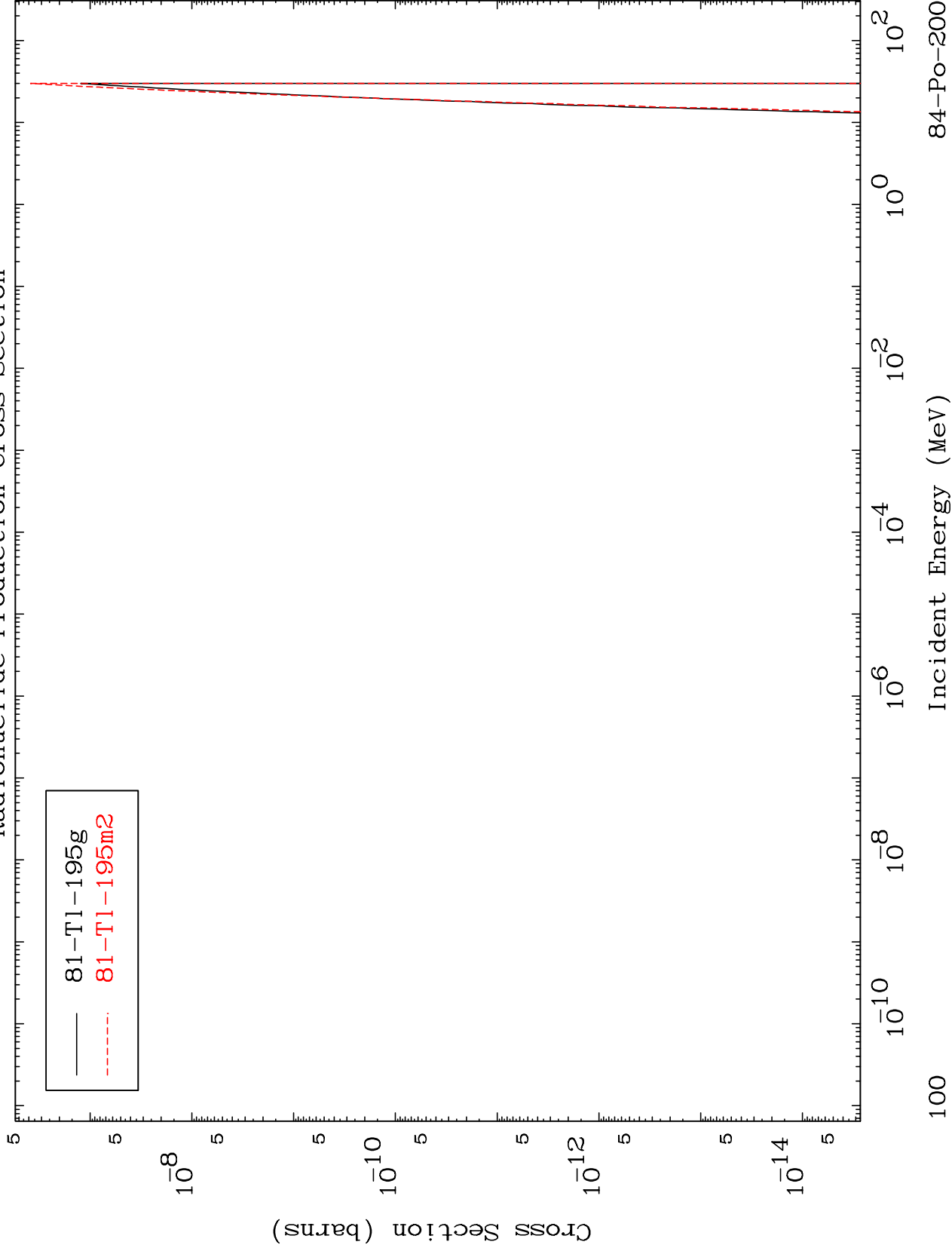
84-Po-200

MAT 8407

(n,d) α

84-Po-200

Radionuclide Production Cross Section



100

Incident Energy (MeV)

84-Po-200