

Program EVALPLOT
(Version 2021-1)

by

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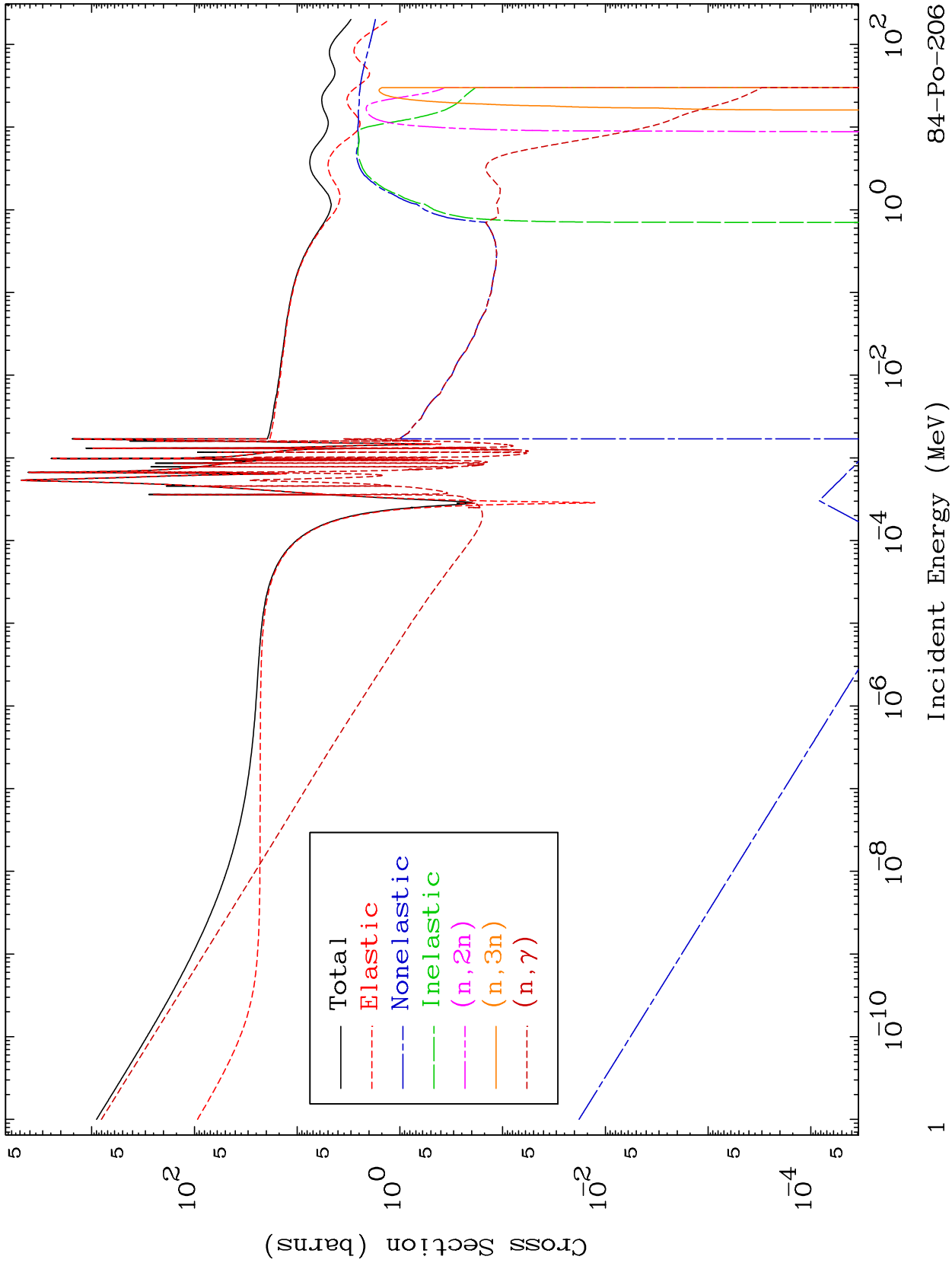
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8425

Neutron Major
293 Kelvin Cross Sections

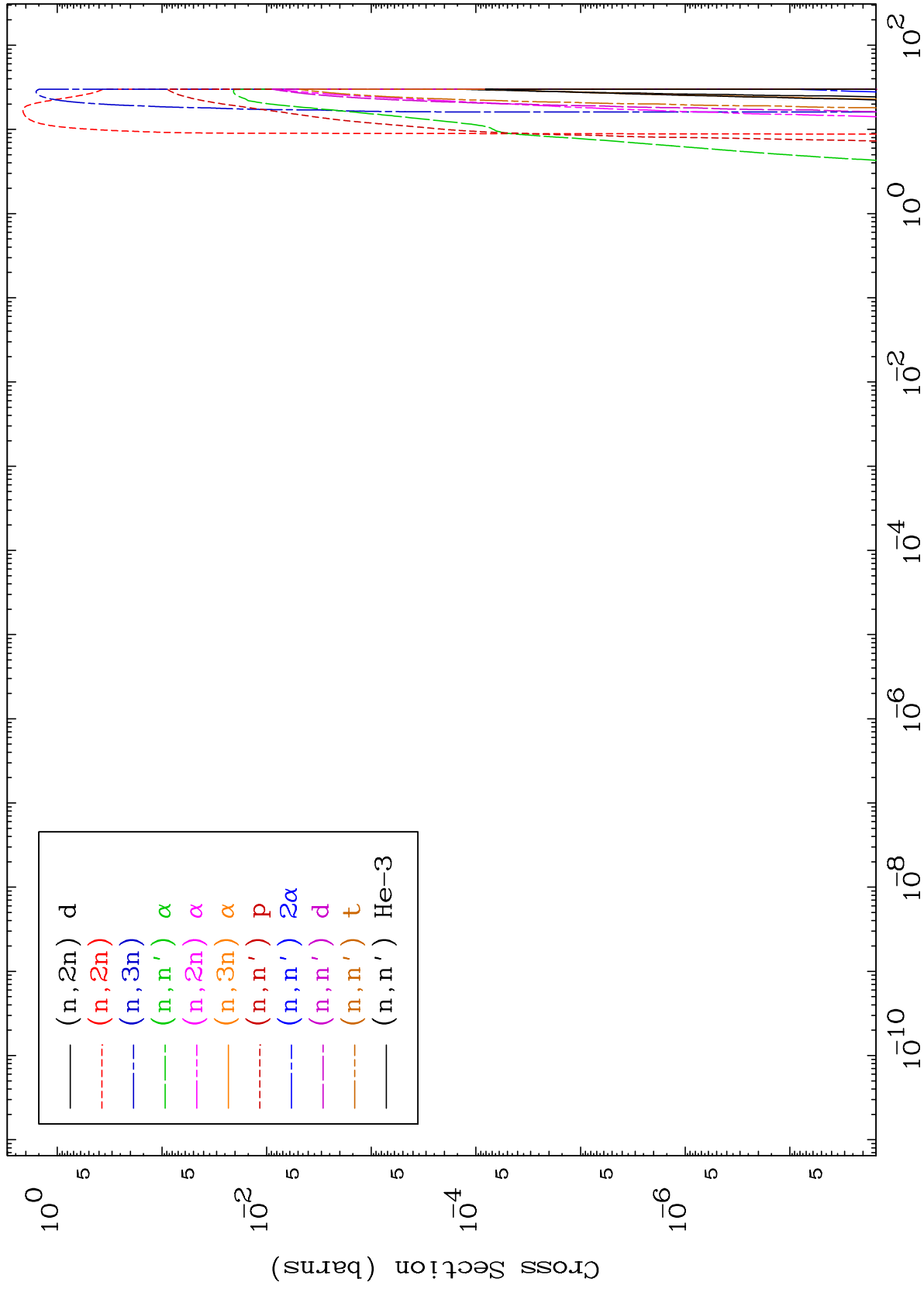
84-Po-206



MAT 8425

Neutron Absorption
293 Kelvin Cross Sections

84-Po-206

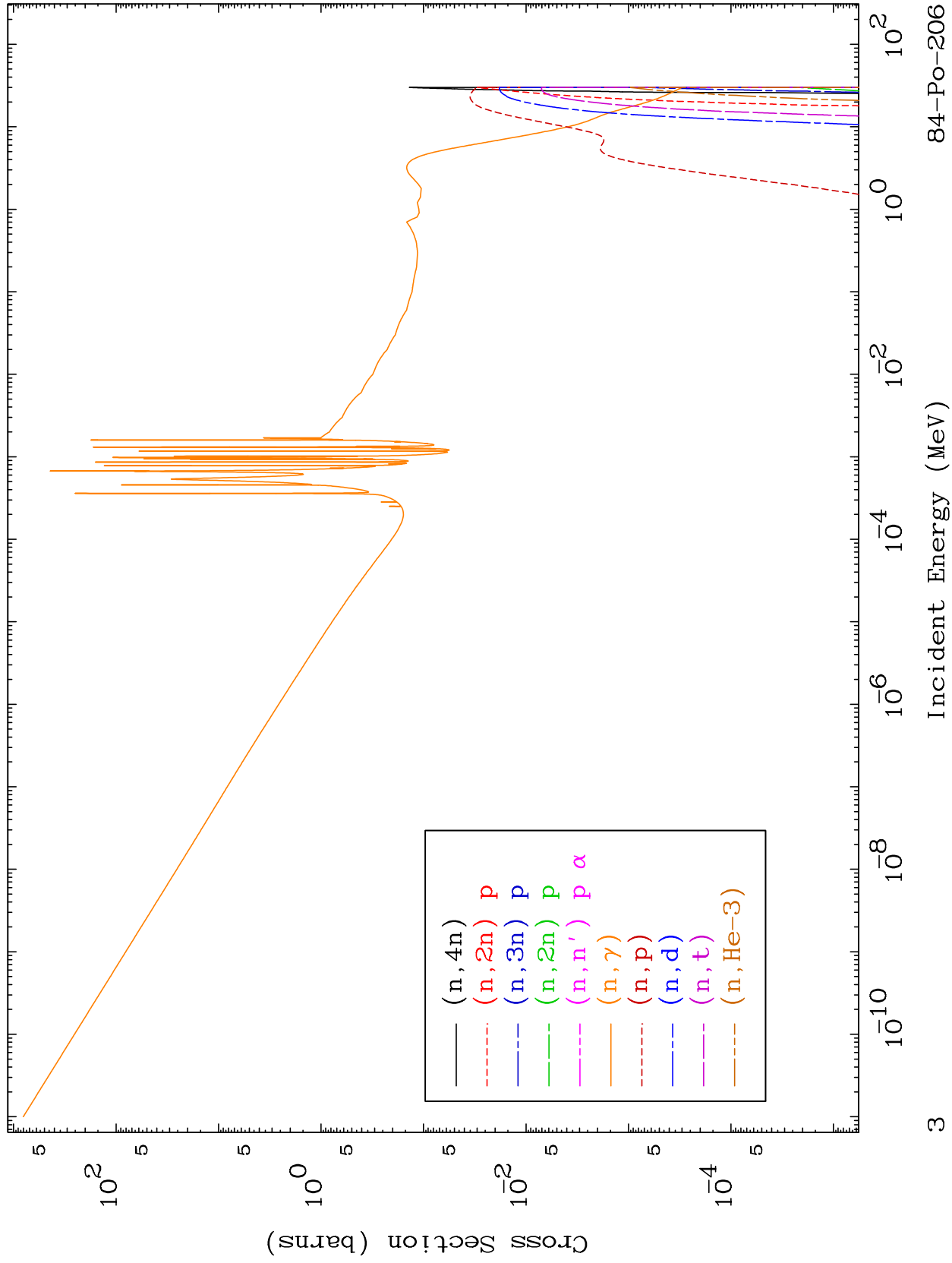


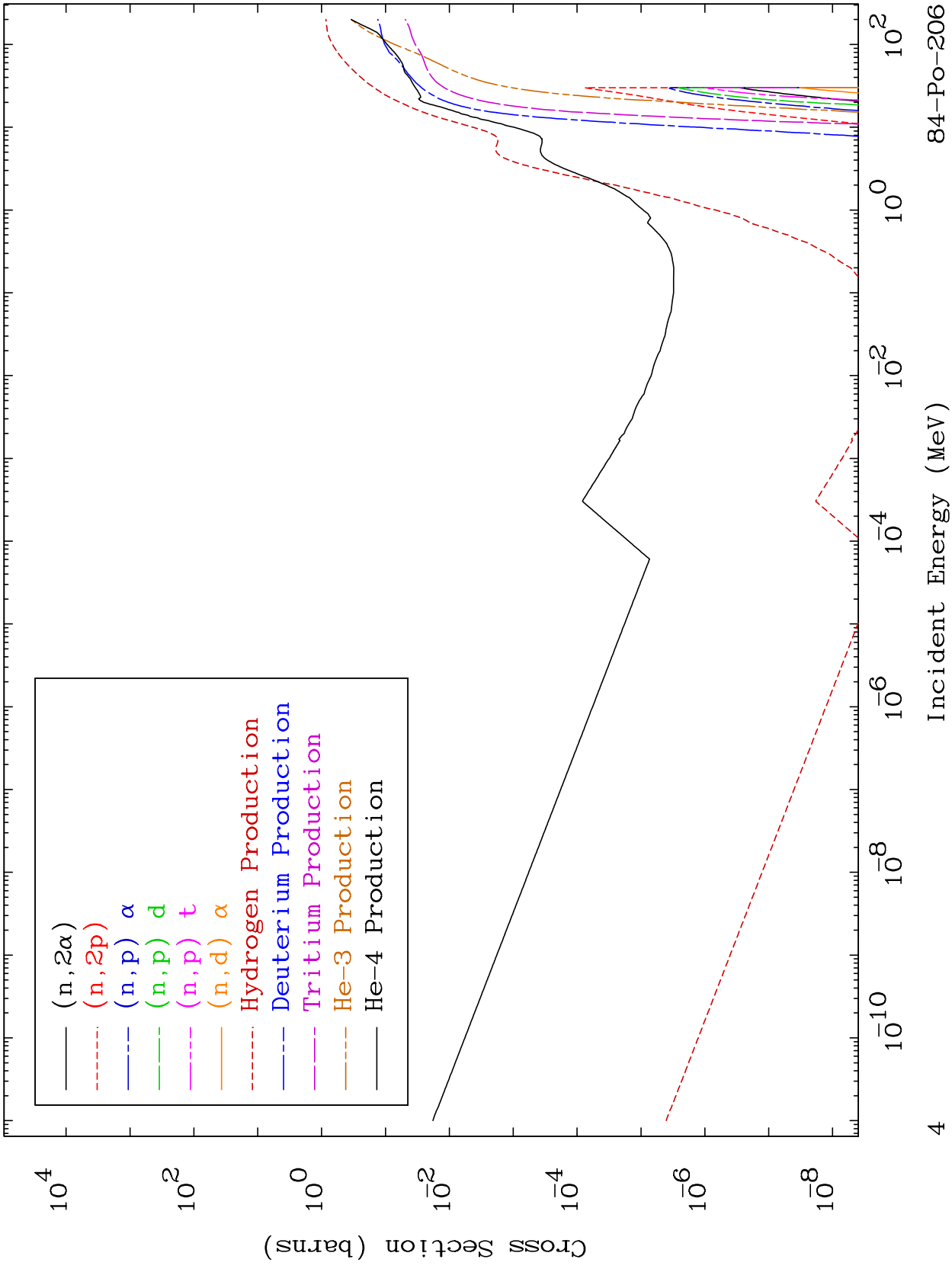
84-Po-206

MAT 8425

Neutron Absorption
293 Kelvin Cross Sections

84-Po-206

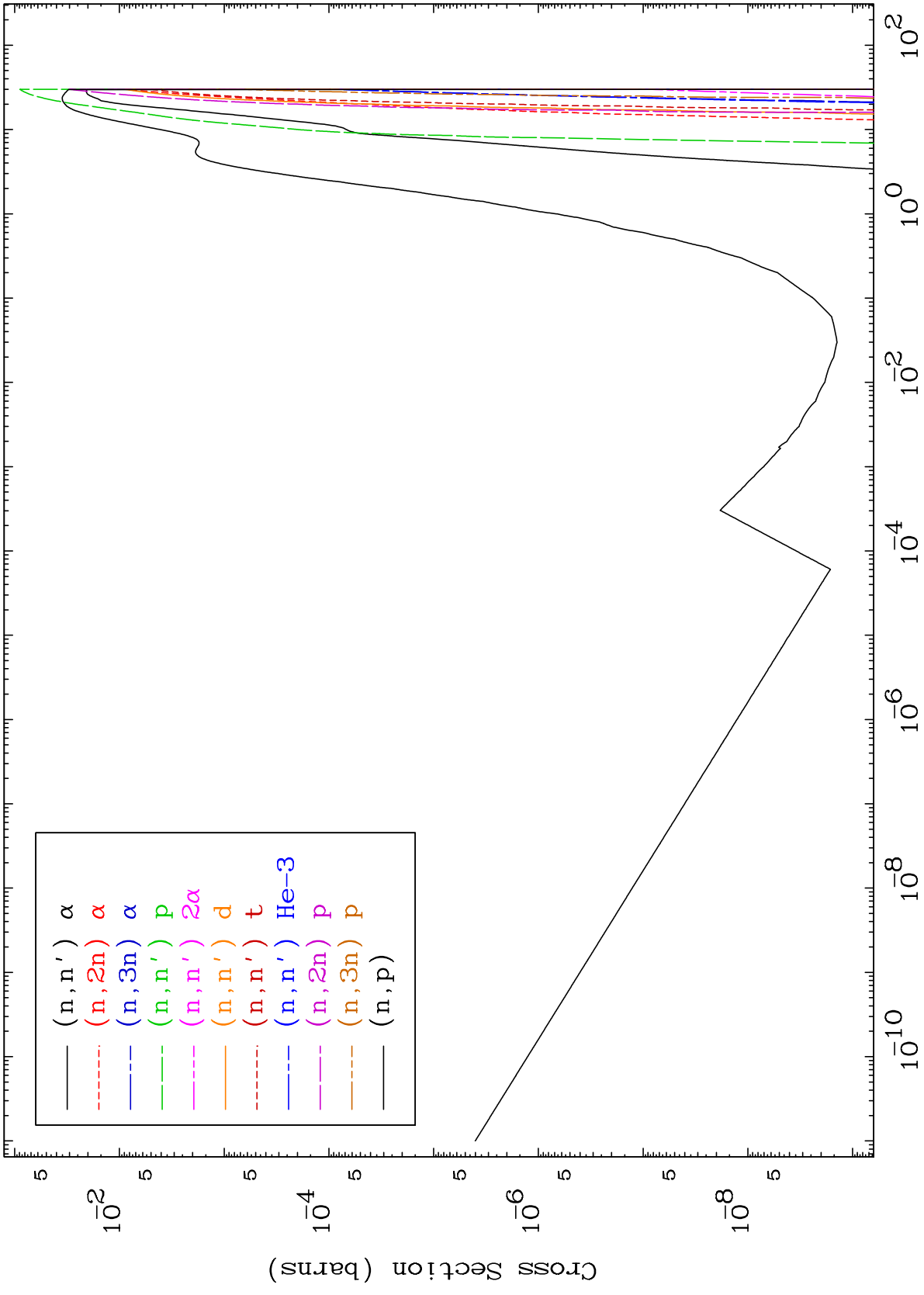




MAT 8425

293 Charged Particle
Kelvin Cross Sections

84-Po-206



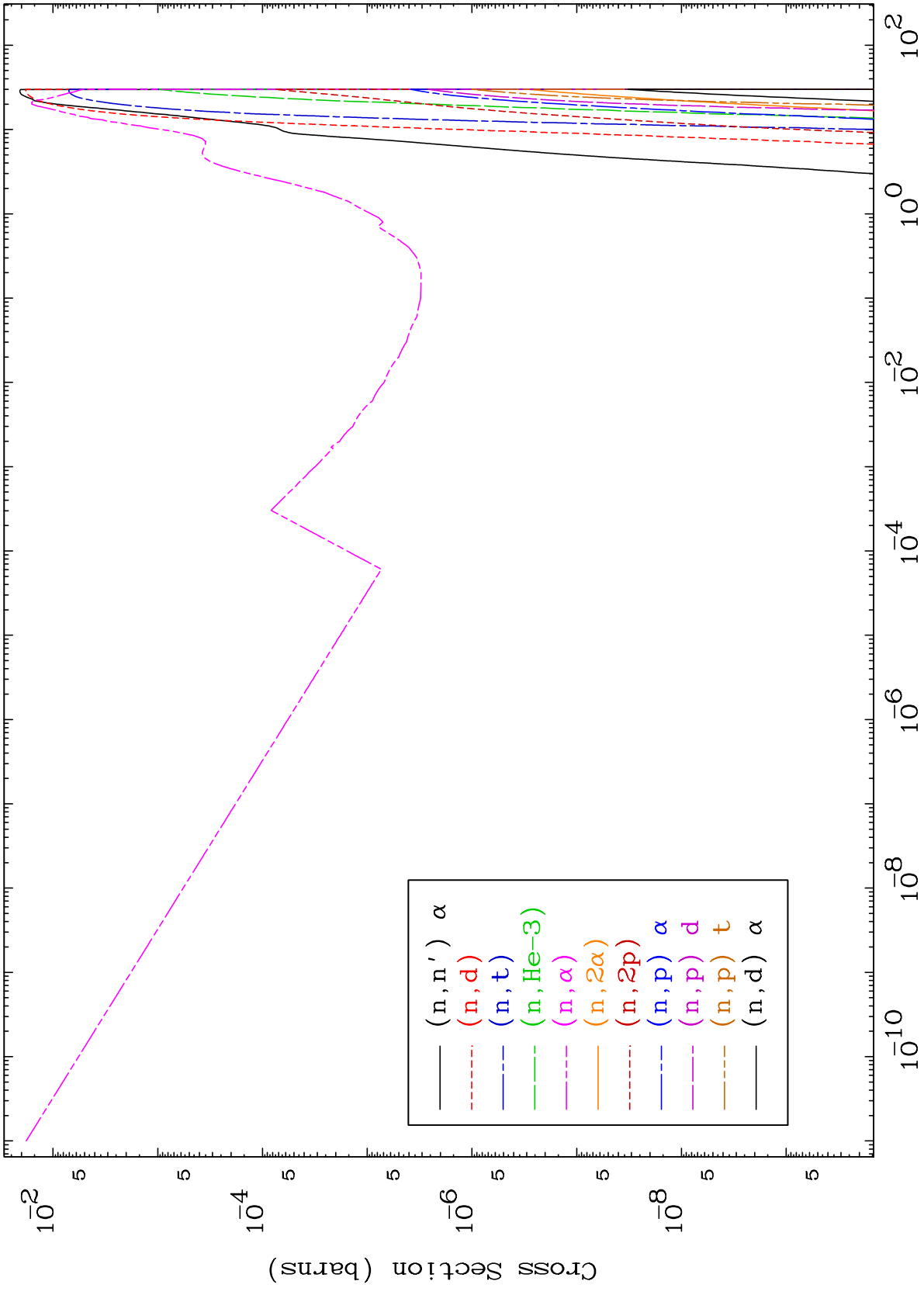
5

84-Po-206

MAT 8425

Charged Particle
293 Kelvin Cross Sections

84-Po-206

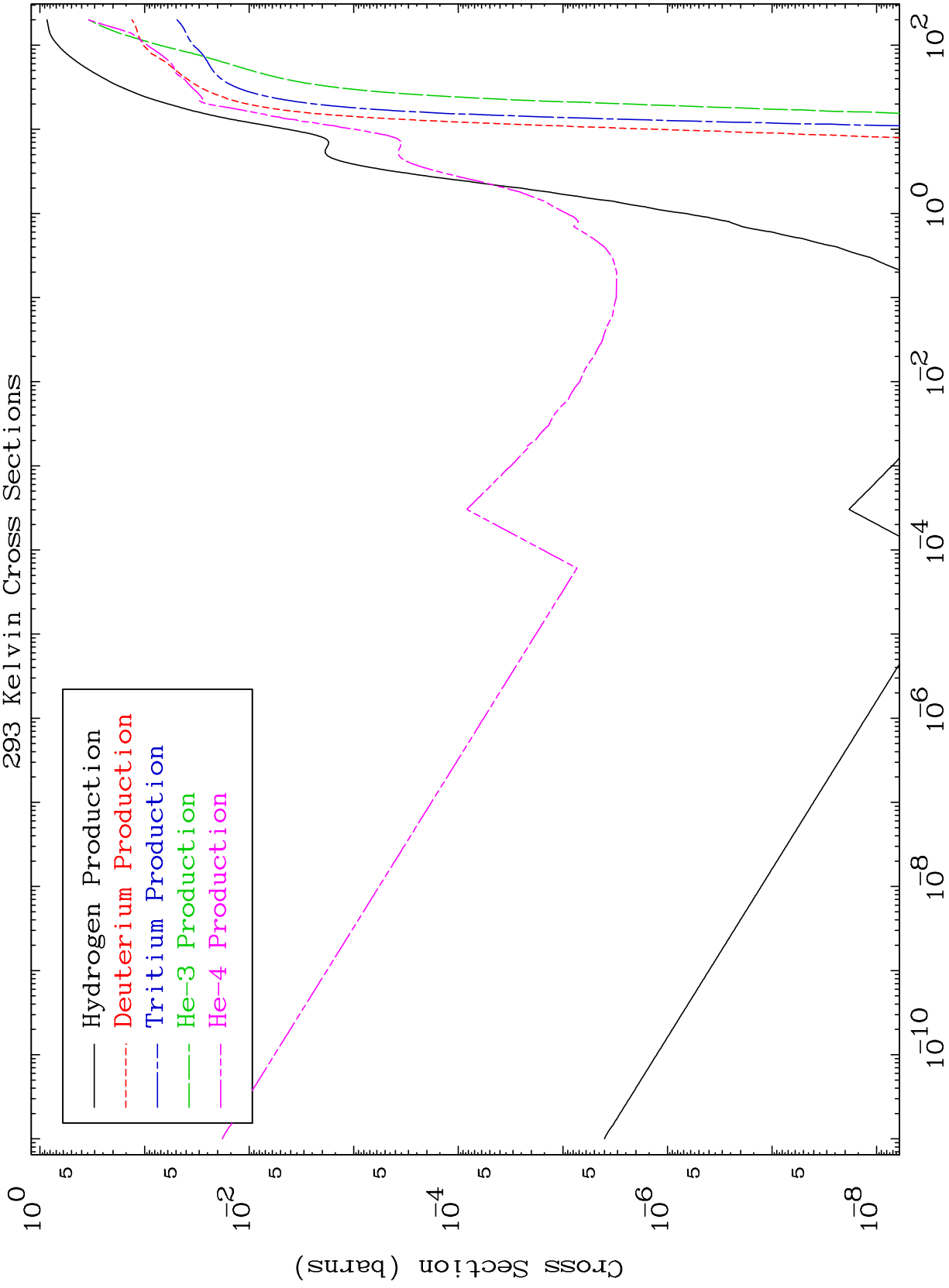


84-Po-206

MAT 8425

Particle Production
293 Kelvin Cross Sections

84-Po-206



7

Incident Energy (MeV)

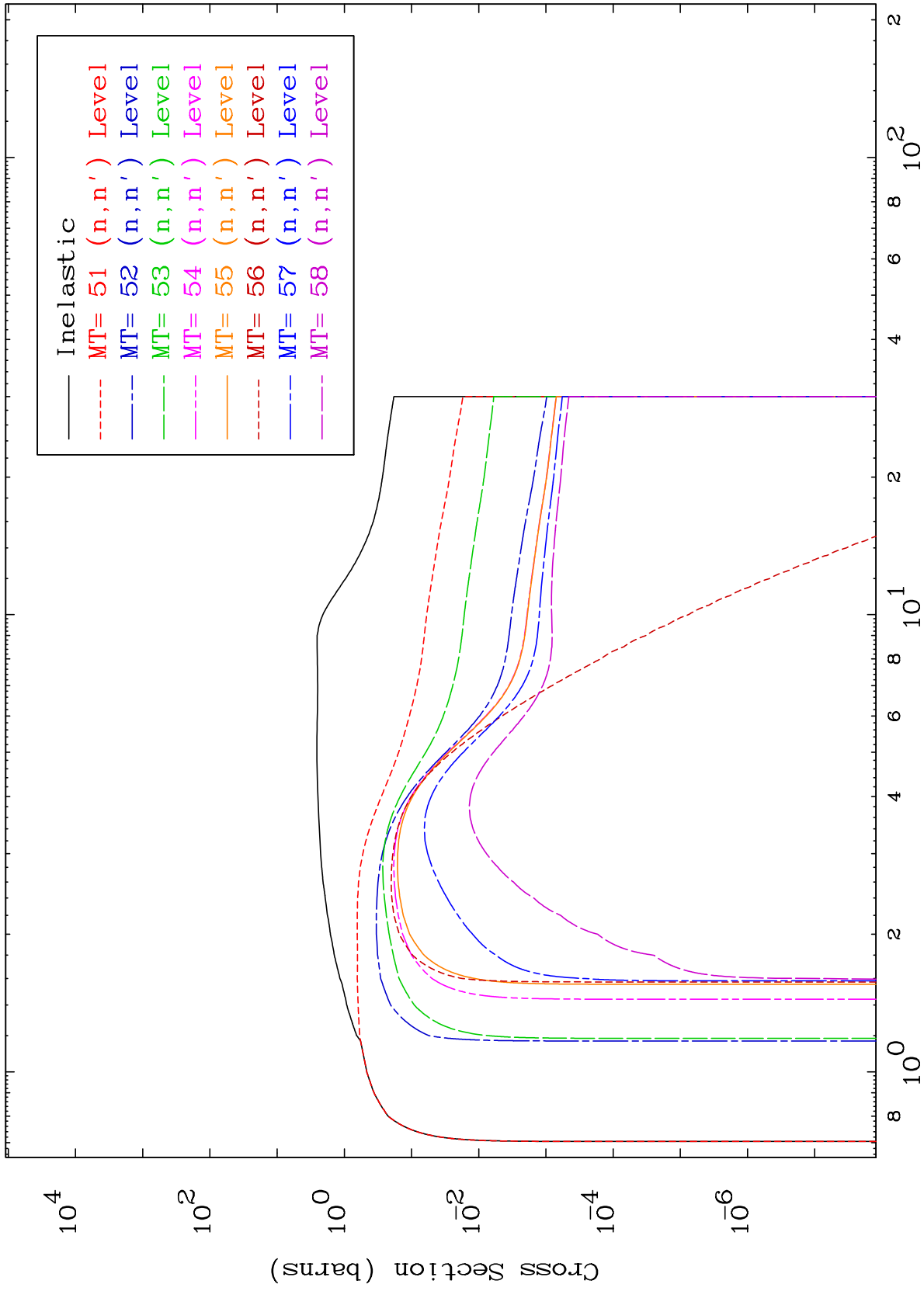
84-Po-206

MAT 8425

(n,n') Levels

293 Kelvin Cross Sections

84-Po-206



8

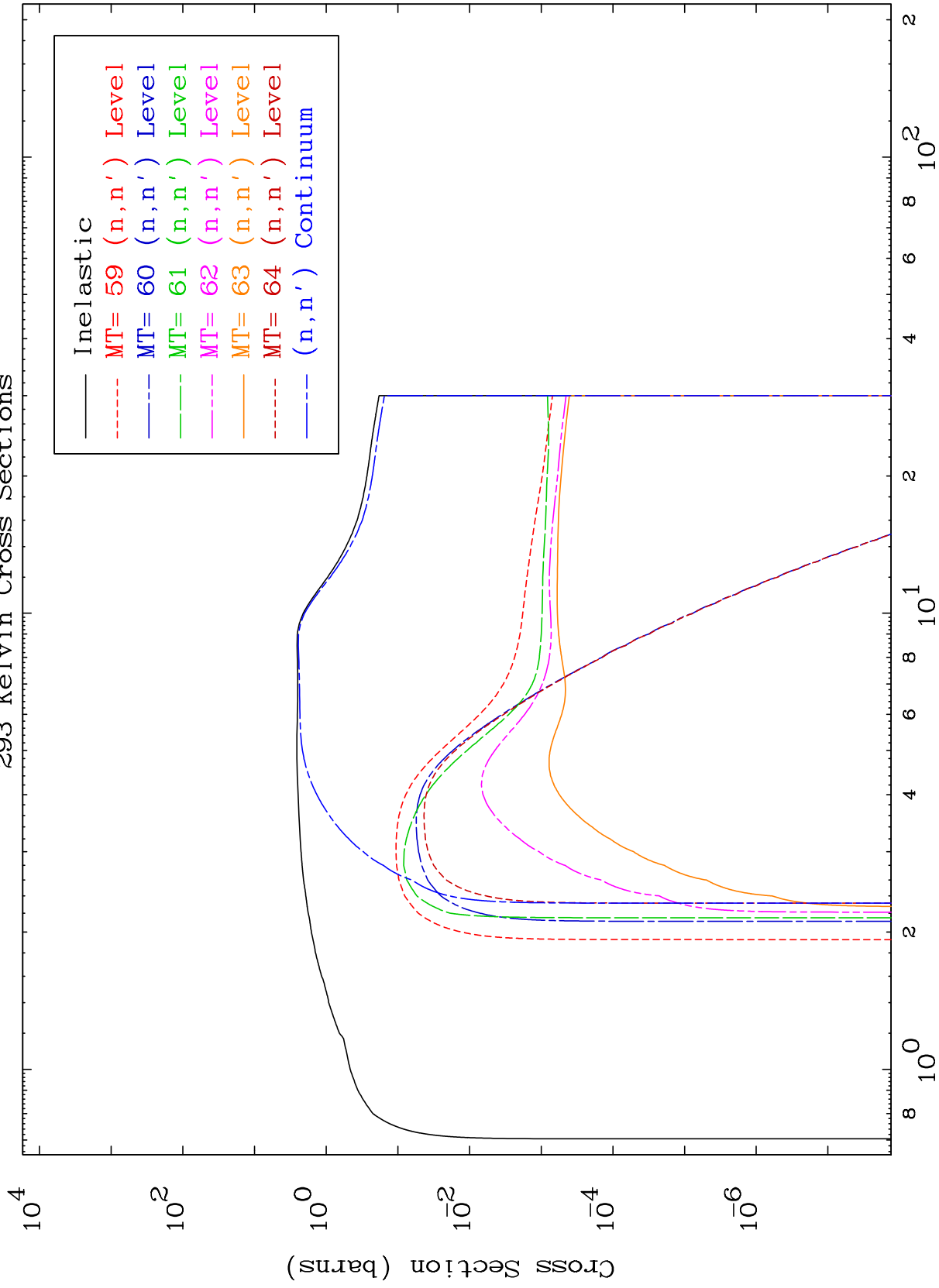
Incident Energy (MeV)

84-Po-206

MAT 8425

(n,n') Levels
293 Kelvin Cross Sections

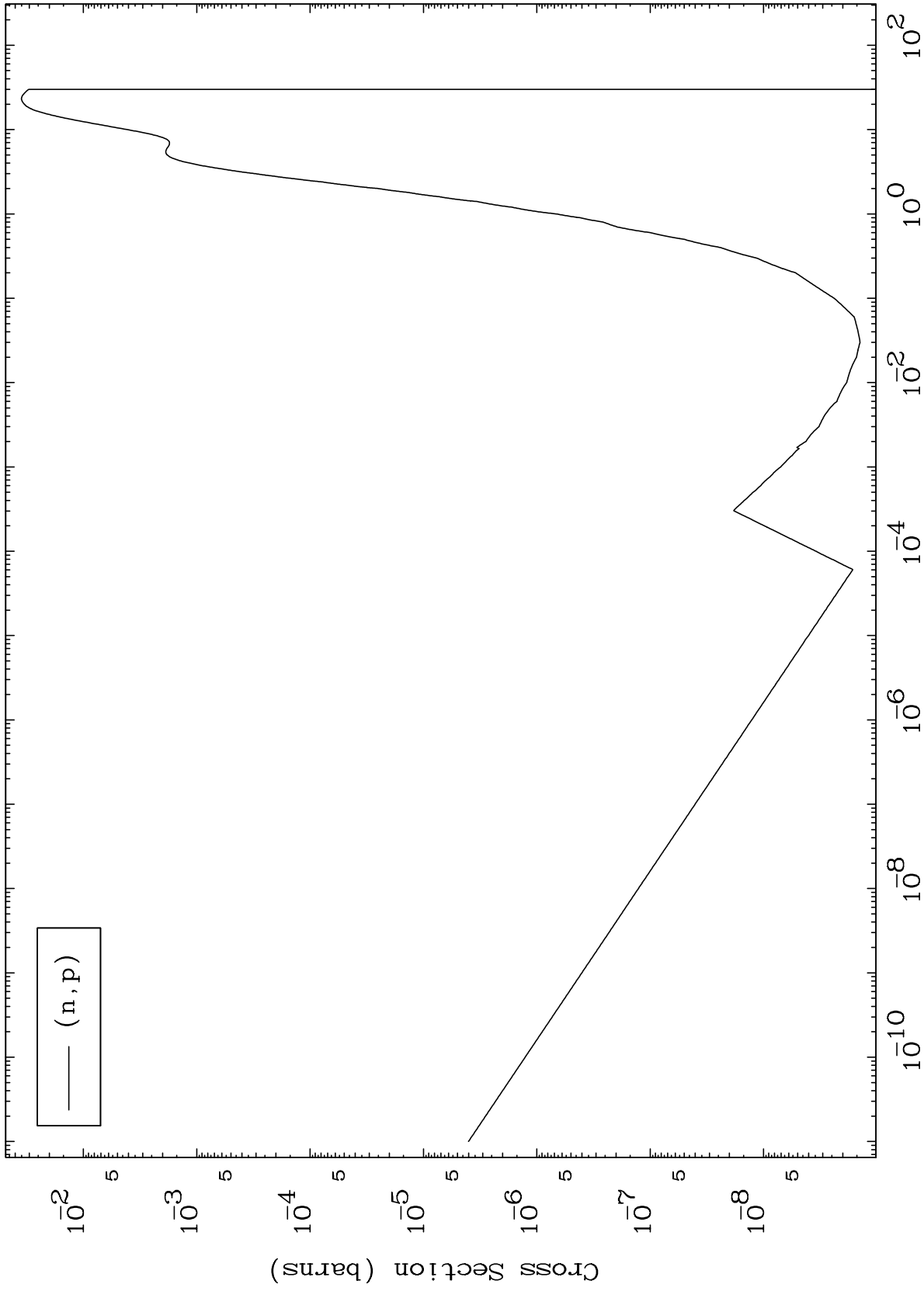
84-Po-206



MAT 8425

(n,p) Levels
293 Kelvin Cross Sections

84-Po-206



10

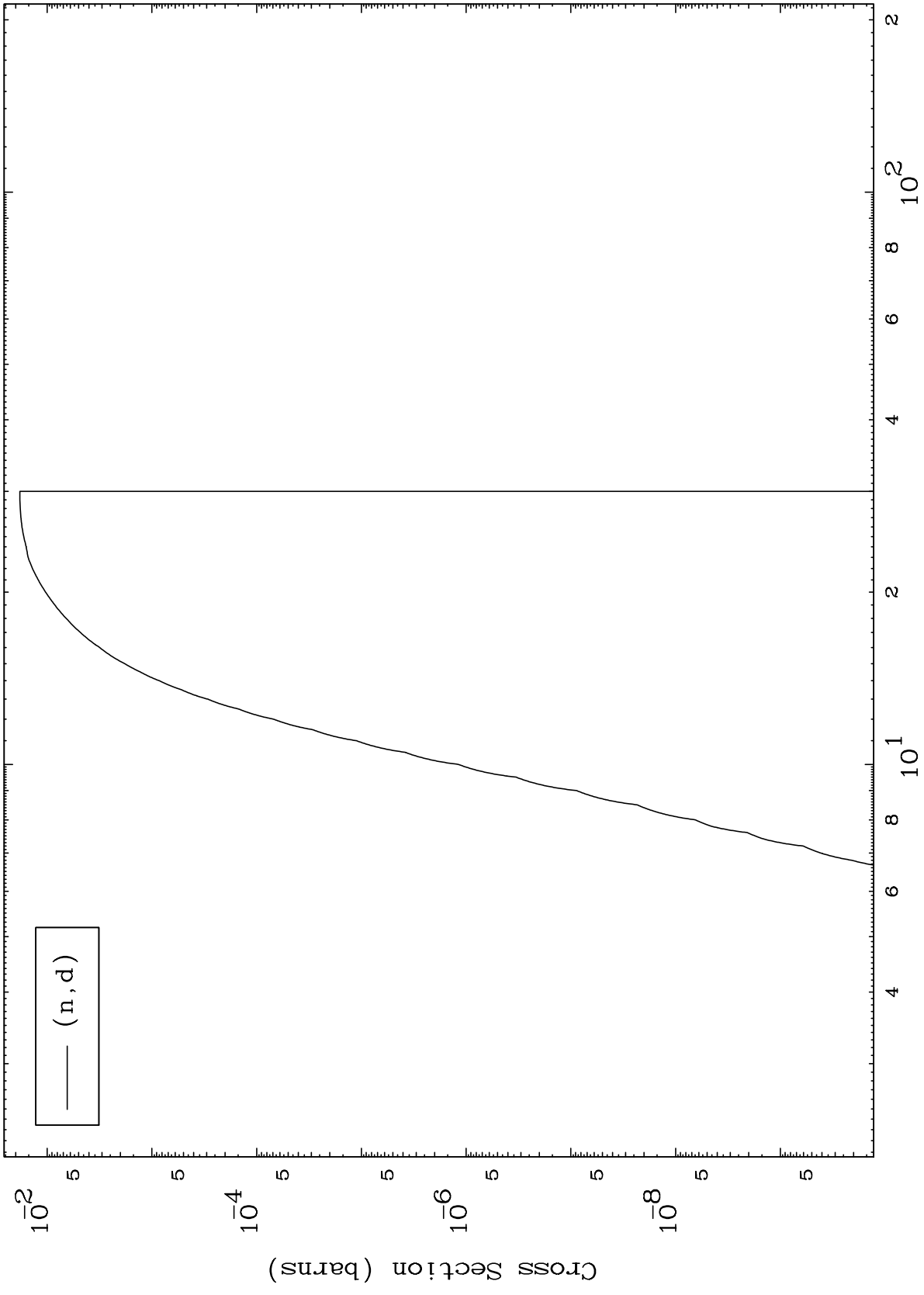
Incident Energy (MeV)

84-Po-206

MAT 8425

(n,d) Levels
293 Kelvin Cross Sections

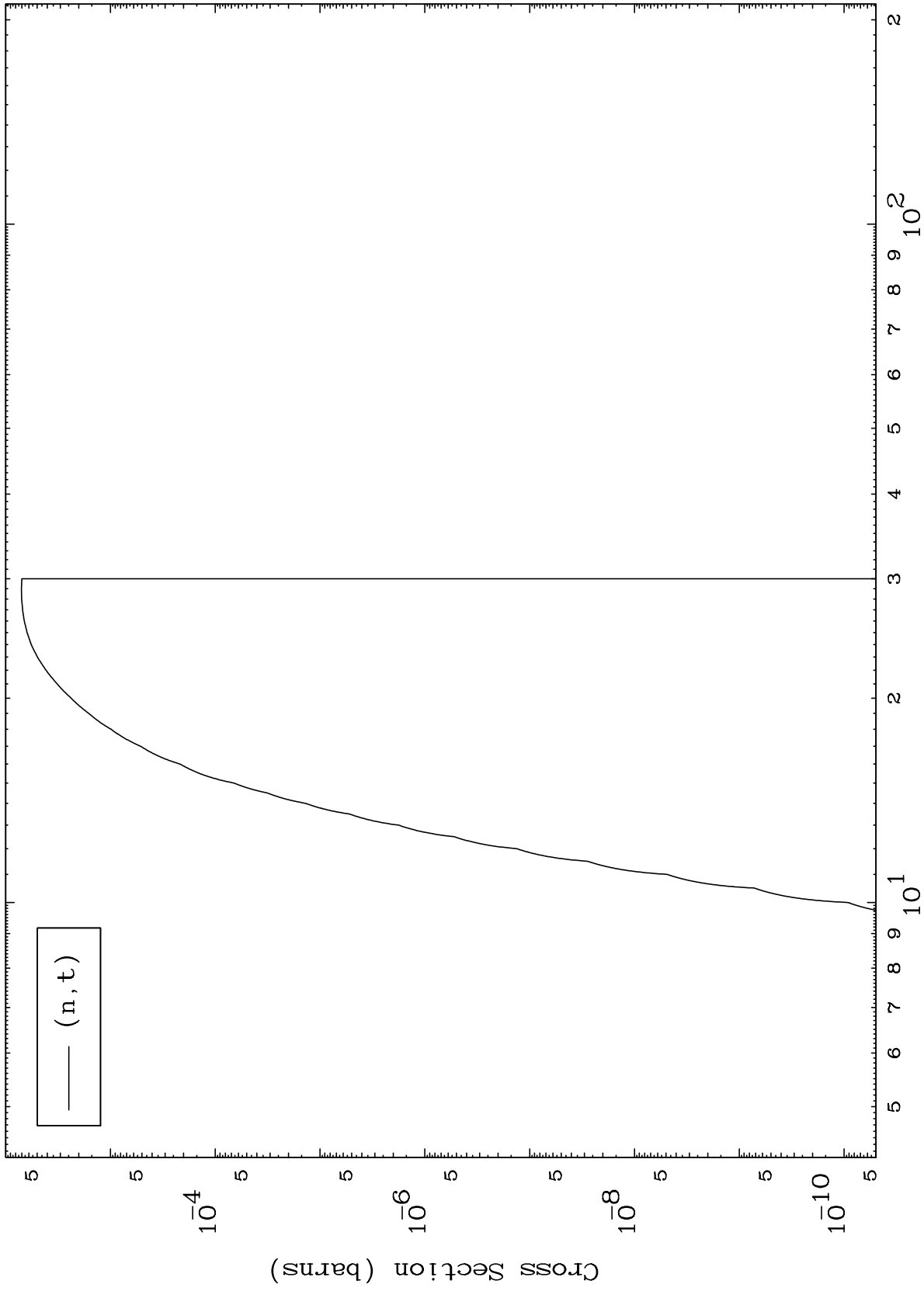
84-Po-206



MAT 8425

(n,t) Levels
293 Kelvin Cross Sections

84-Po-206



12

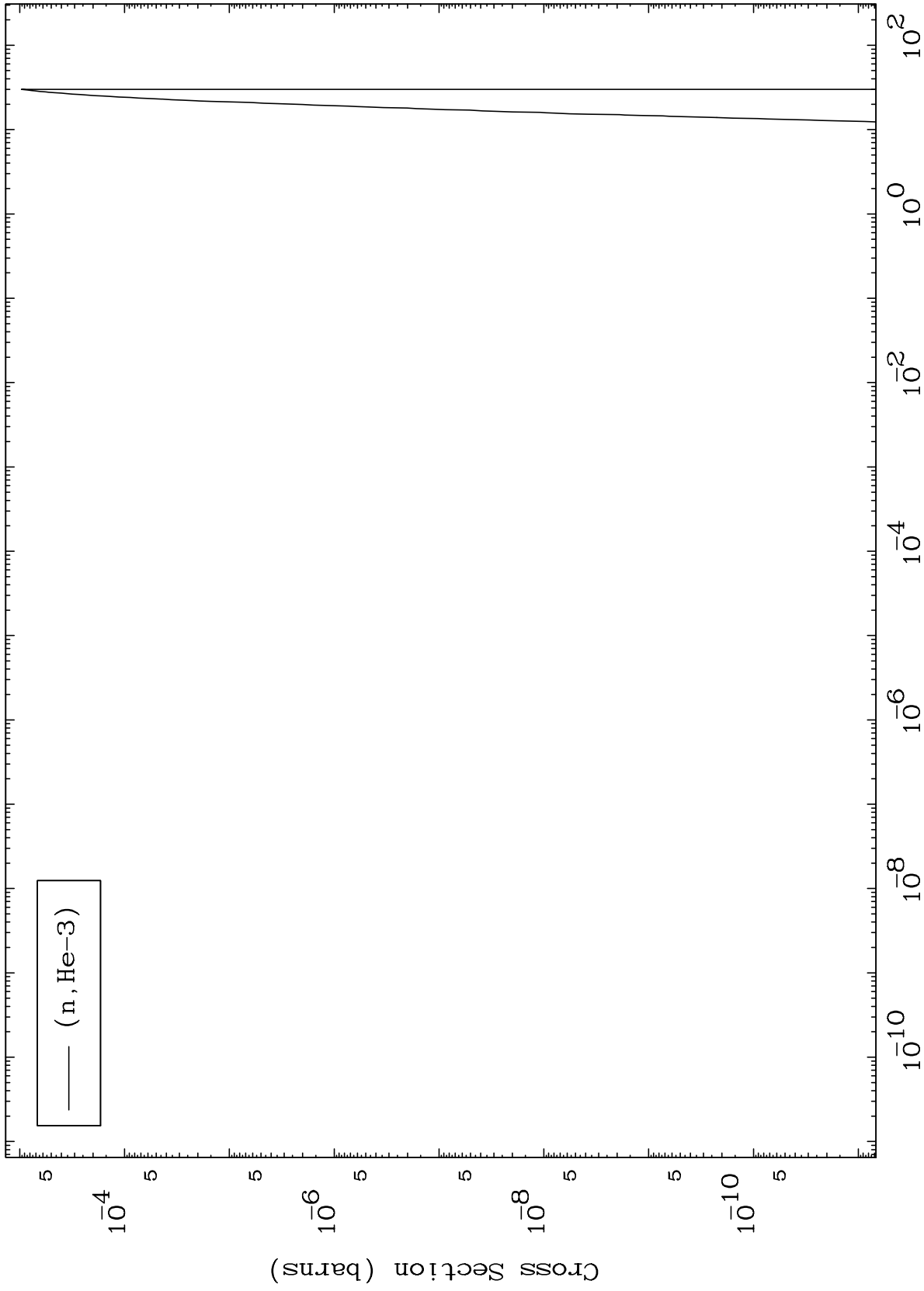
Incident Energy (MeV)

84-Po-206

MAT 8425

(n,He3) Levels
293 Kelvin Cross Sections

84-Po-206



13

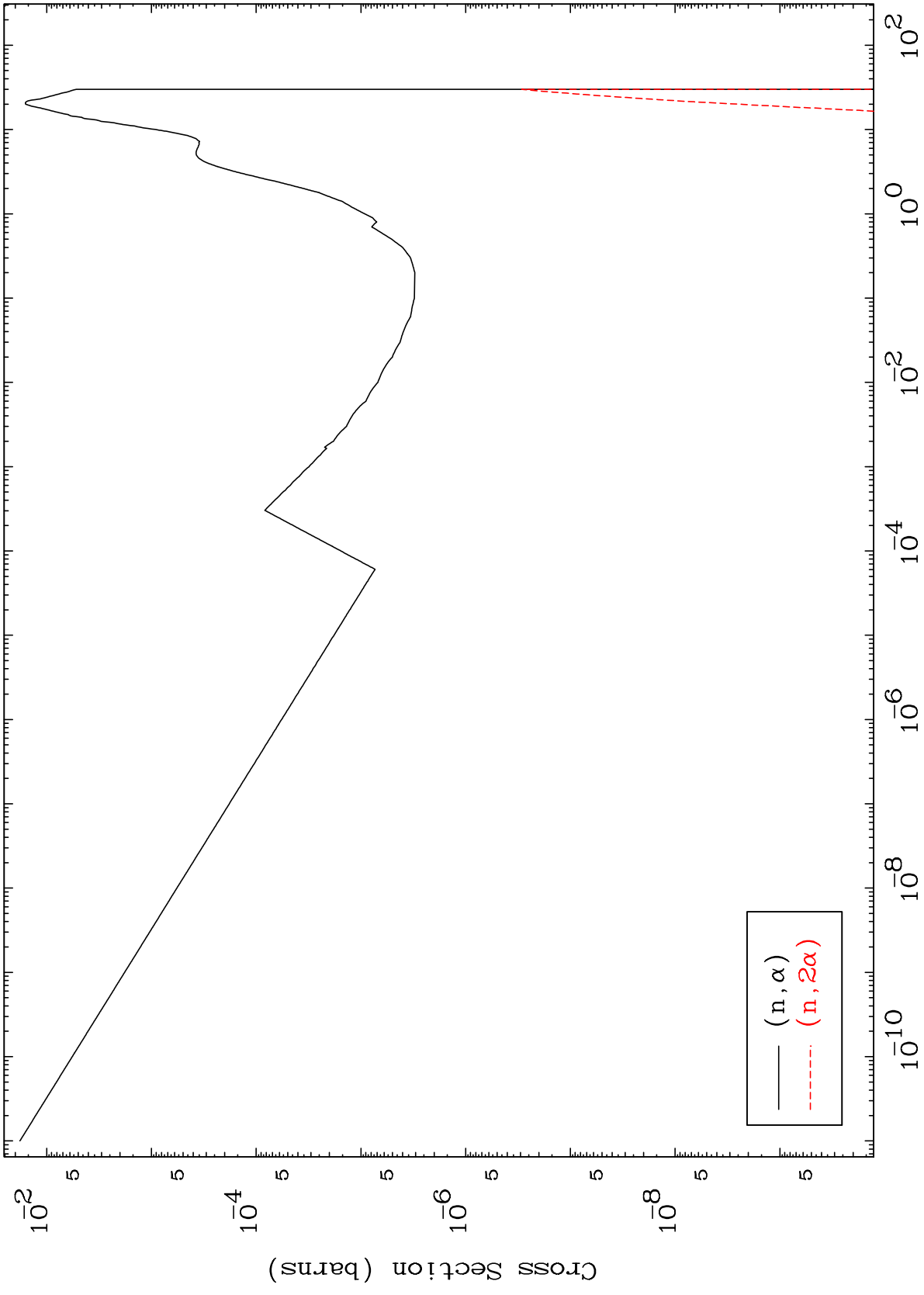
Incident Energy (MeV)

84-Po-206

MAT 8425

(n,α) Levels
293 Kelvin Cross Sections

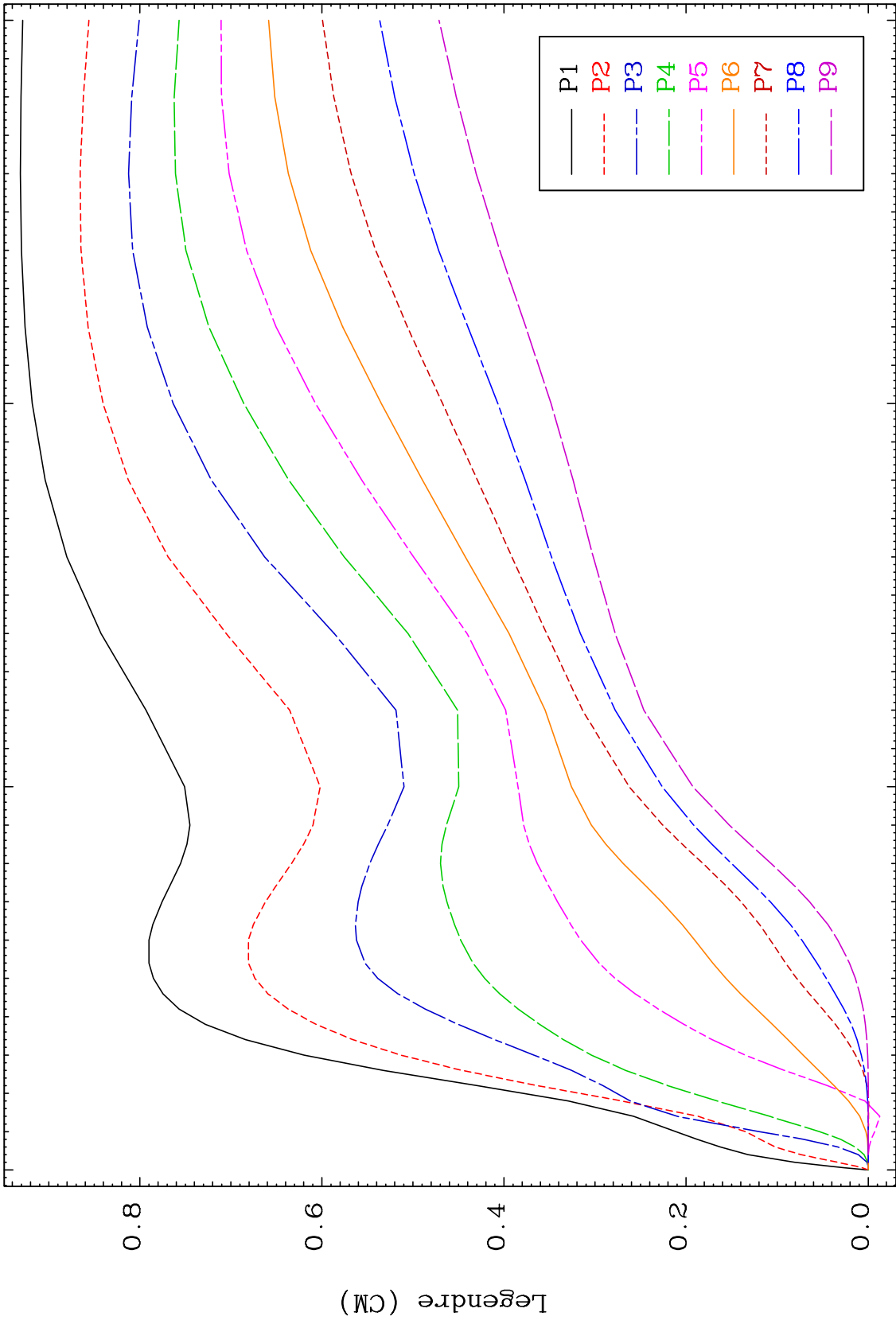
84-Po-206



MAT 8425

84-Po-206

Elastic Legendre Coefficients



84-Po-206

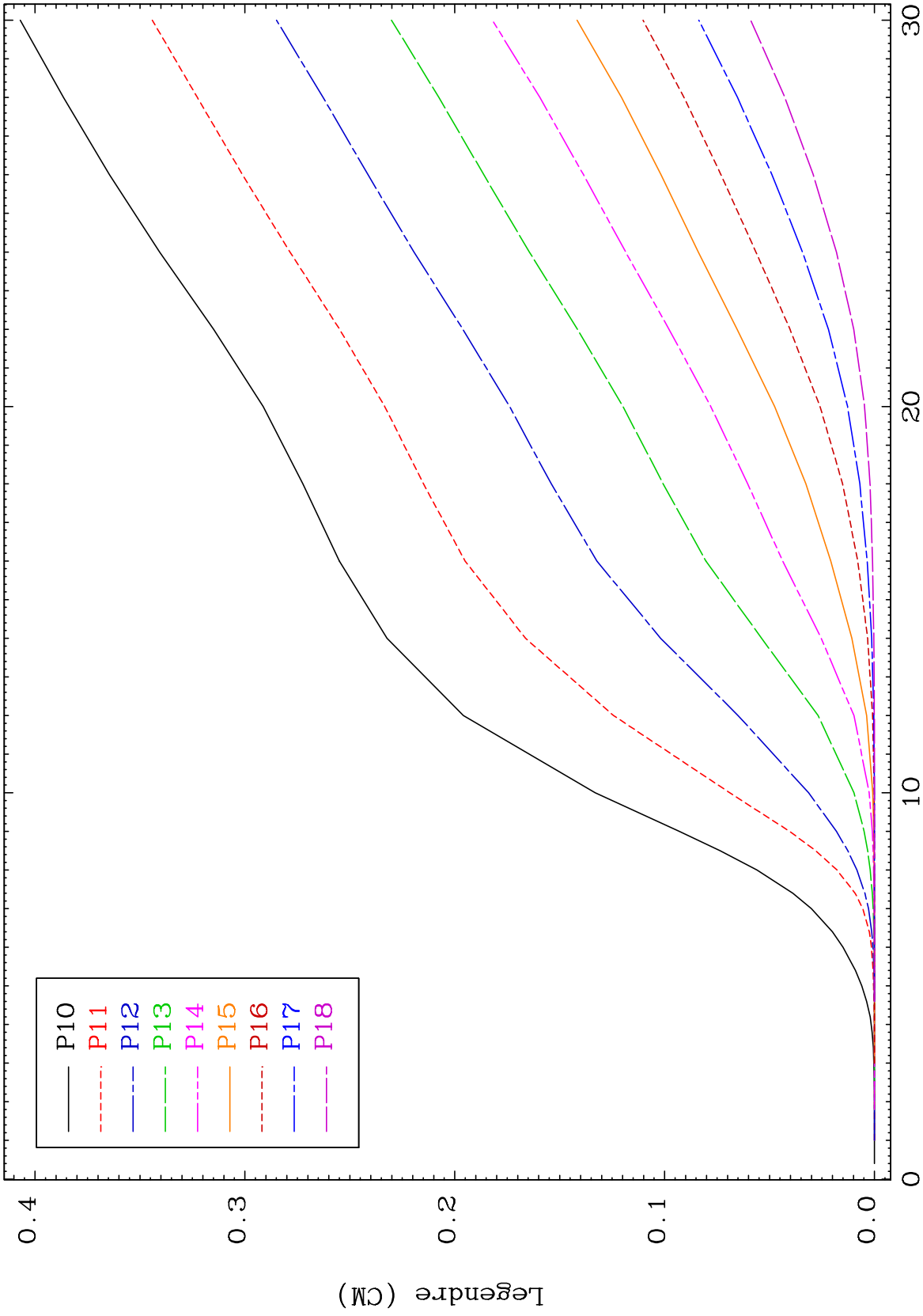
Incident Energy (MeV)

15

MAT 8425

Elastic Legendre Coefficients

84-Po-206



16

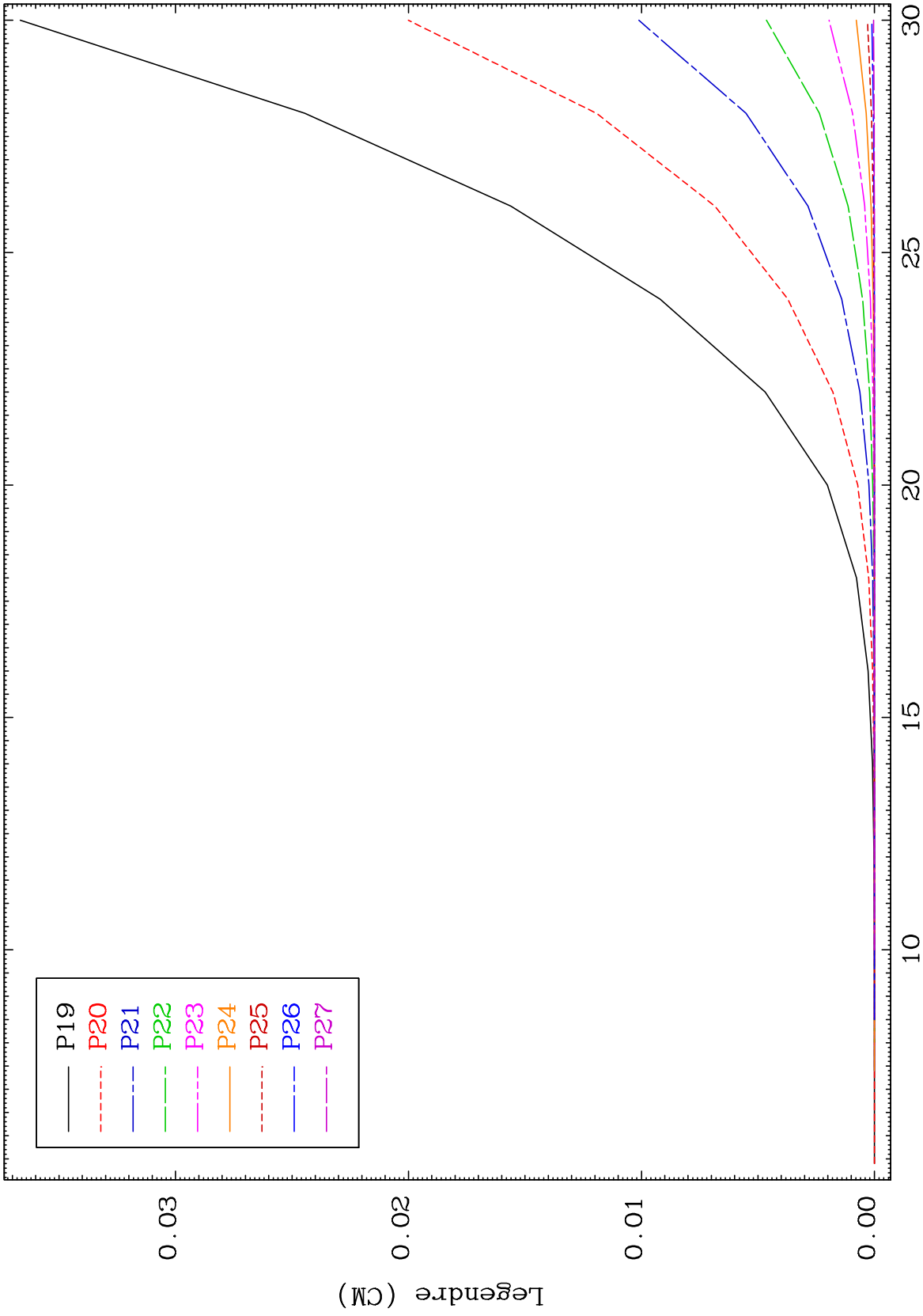
Incident Energy (MeV)

84-Po-206

MAT 8425

Elastic Legendre Coefficients

84-Po-206



17

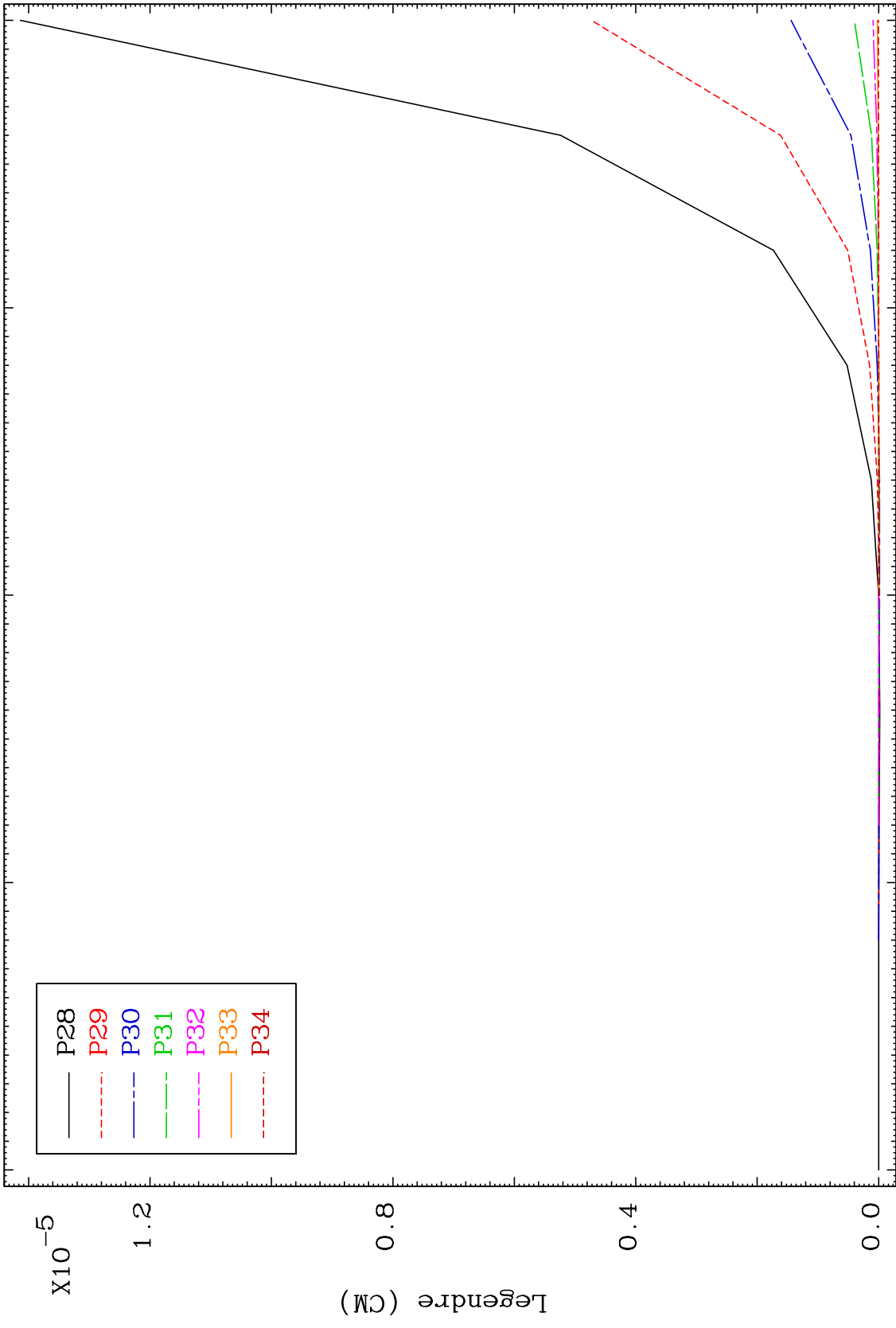
Incident Energy (MeV)

84-Po-206

MAT 8425

Elastic Legendre Coefficients

84-Po-206



10

15

20

25

30

Incident Energy (MeV)

84-Po-206

X10⁻⁵

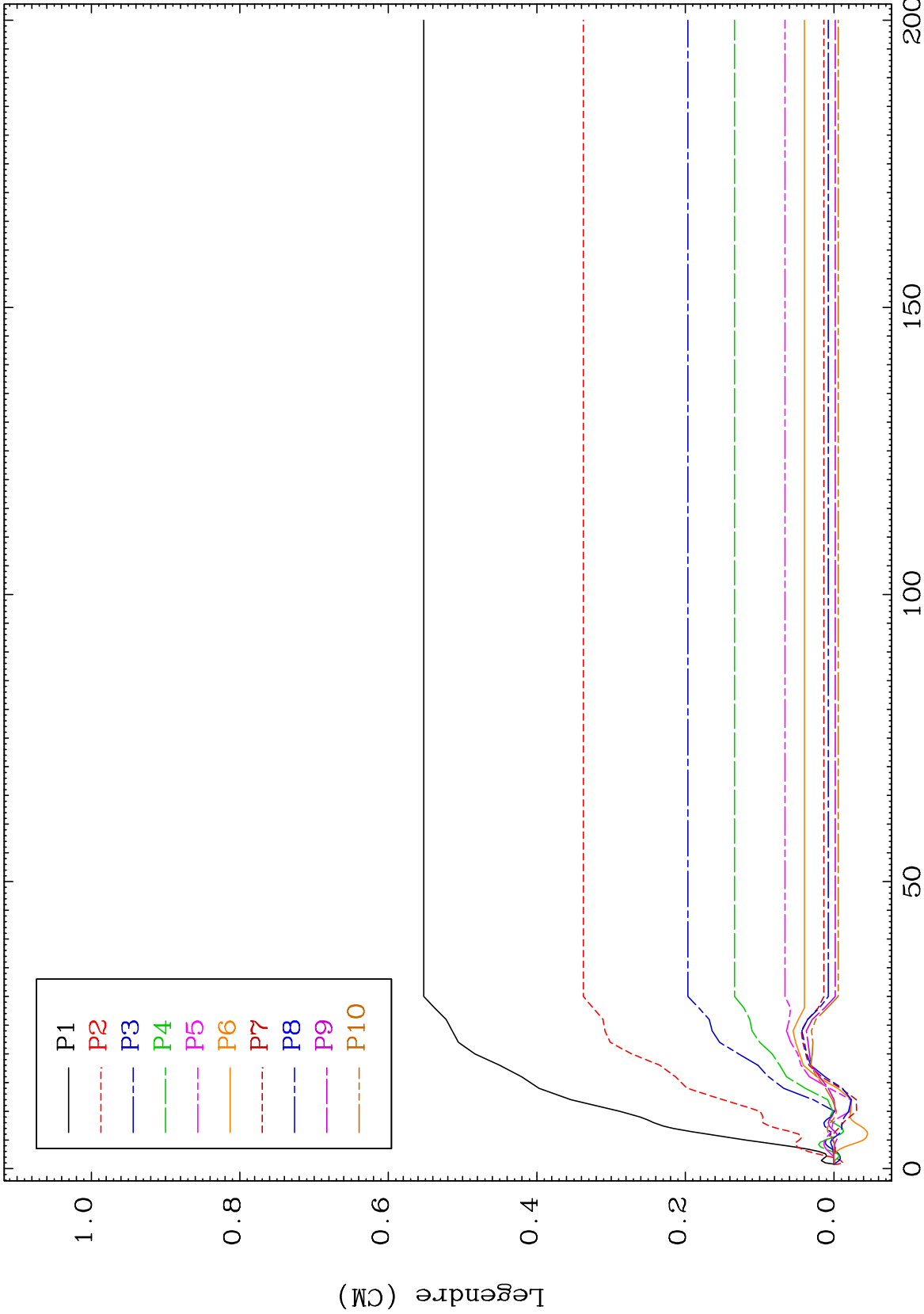
Legendre (CM)

- P28
- P29
- P30
- P31
- P32
- P33
- P34

MAT 8425

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

84-Po-206



19

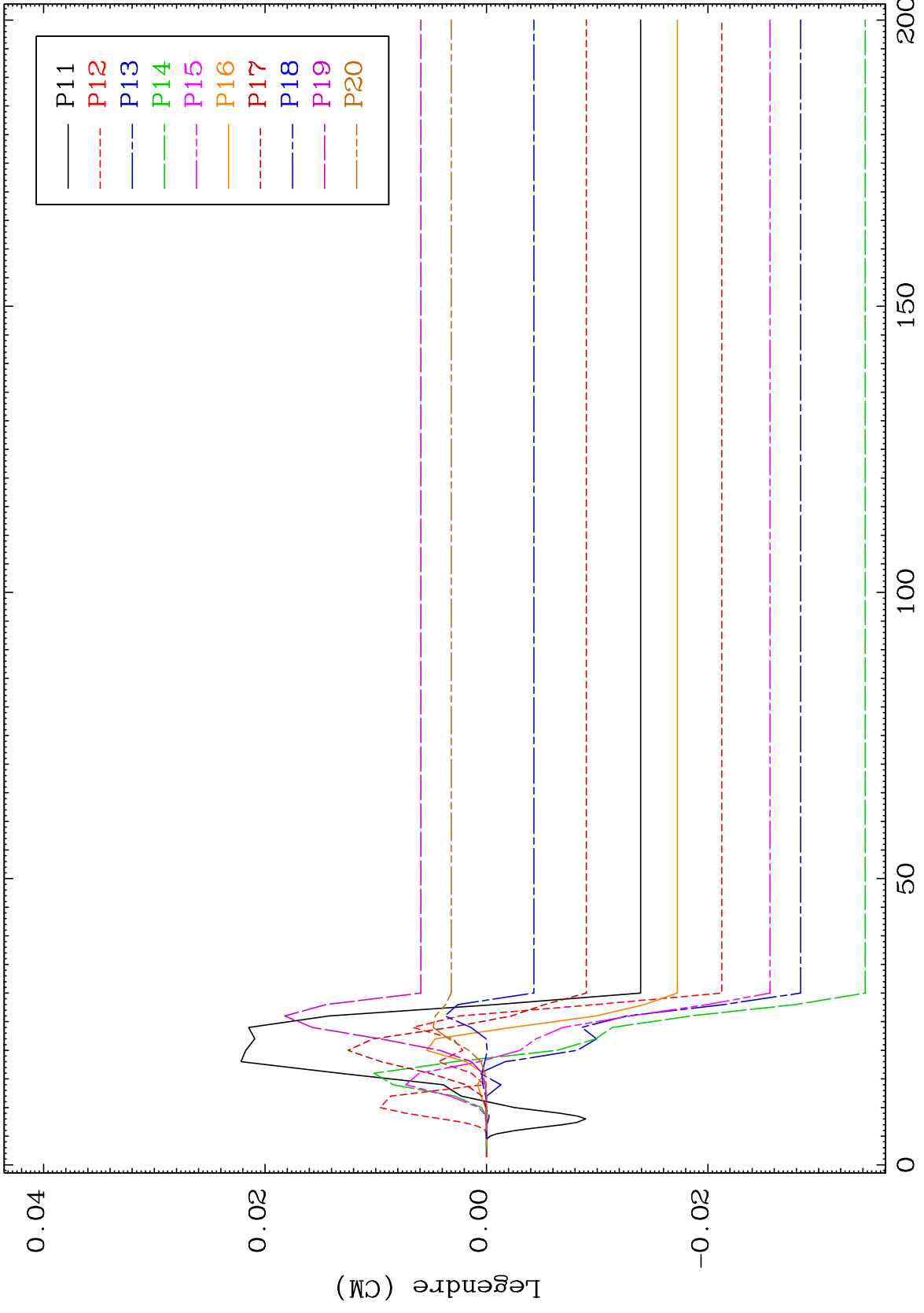
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



20

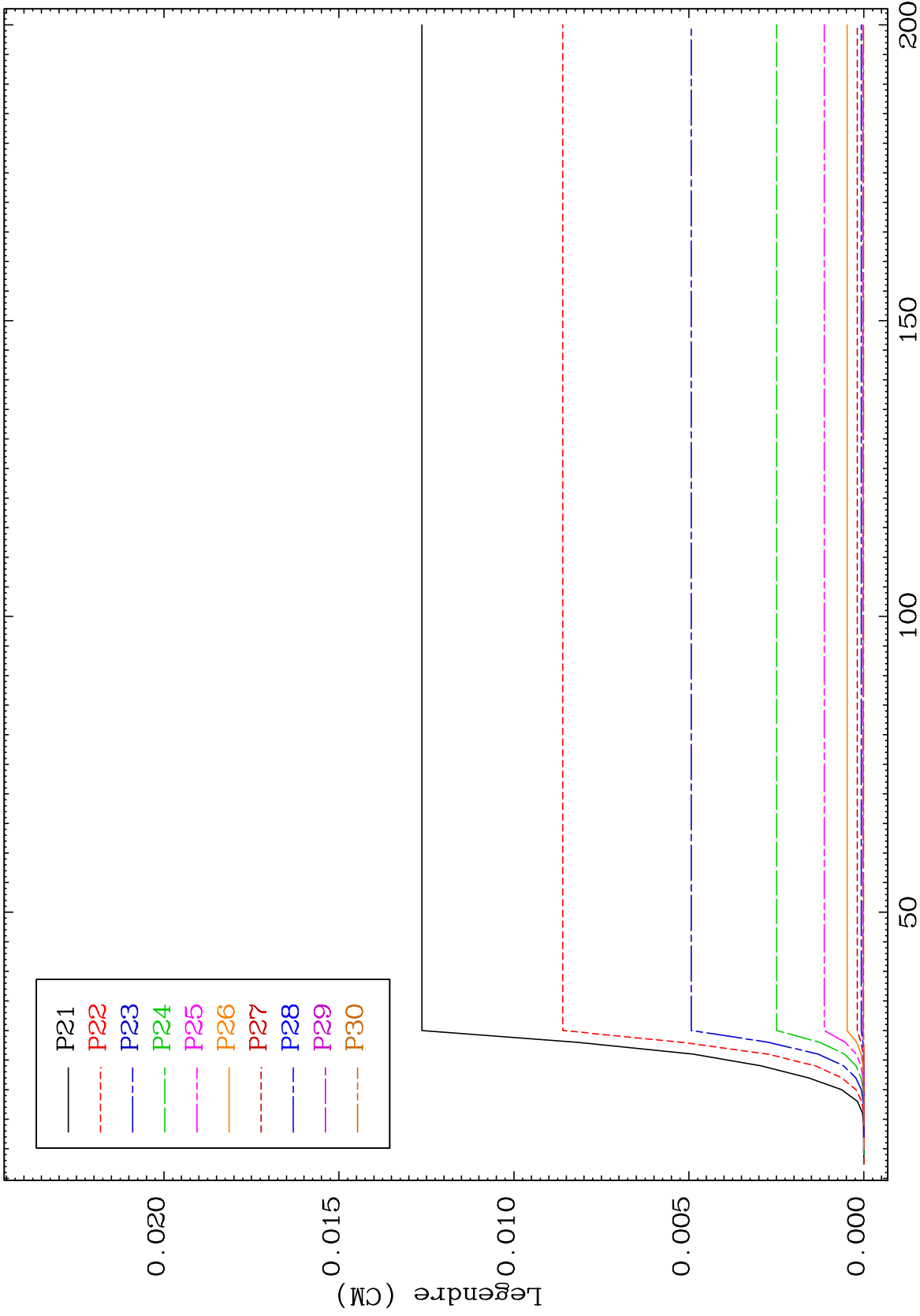
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



21

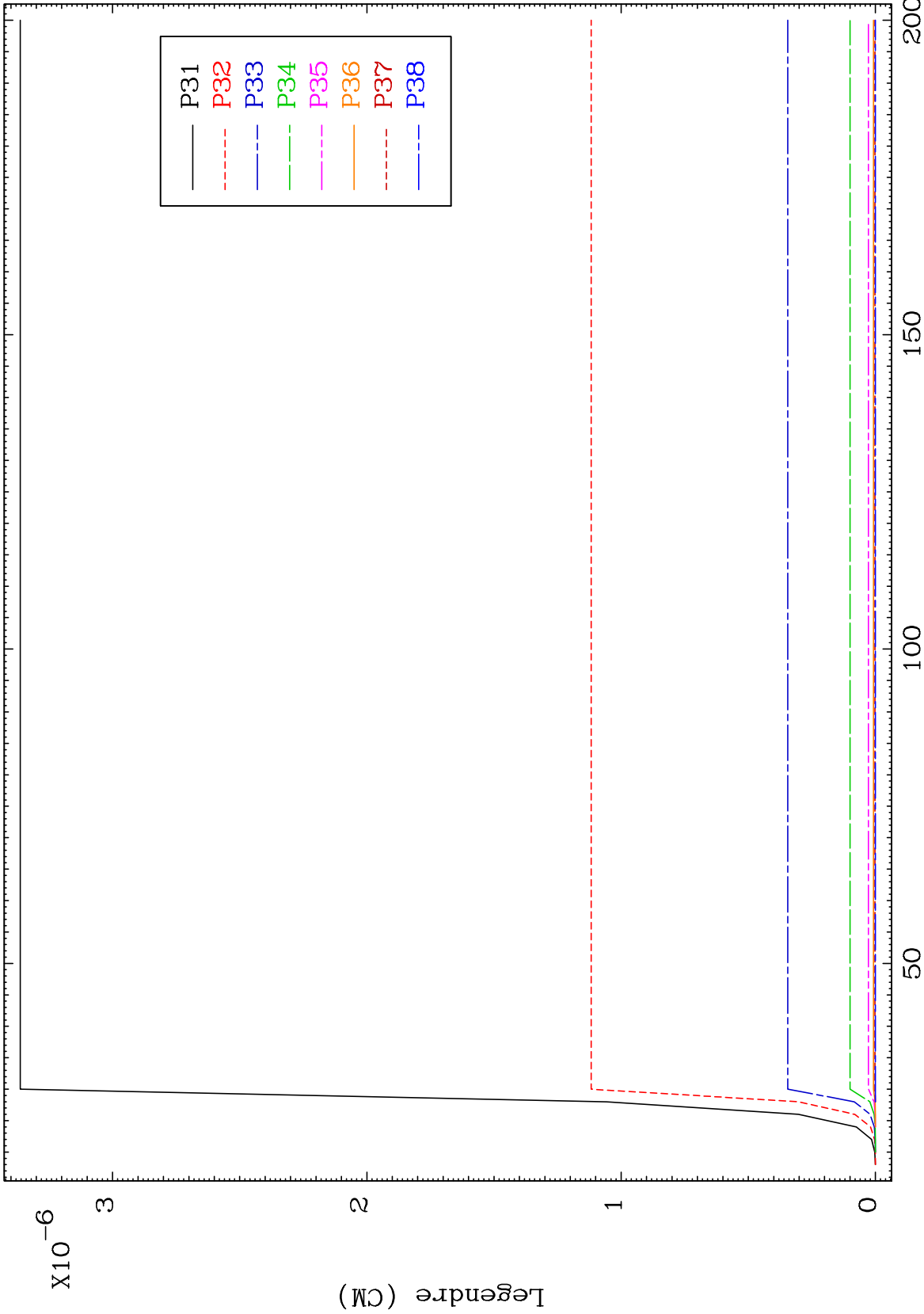
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



22

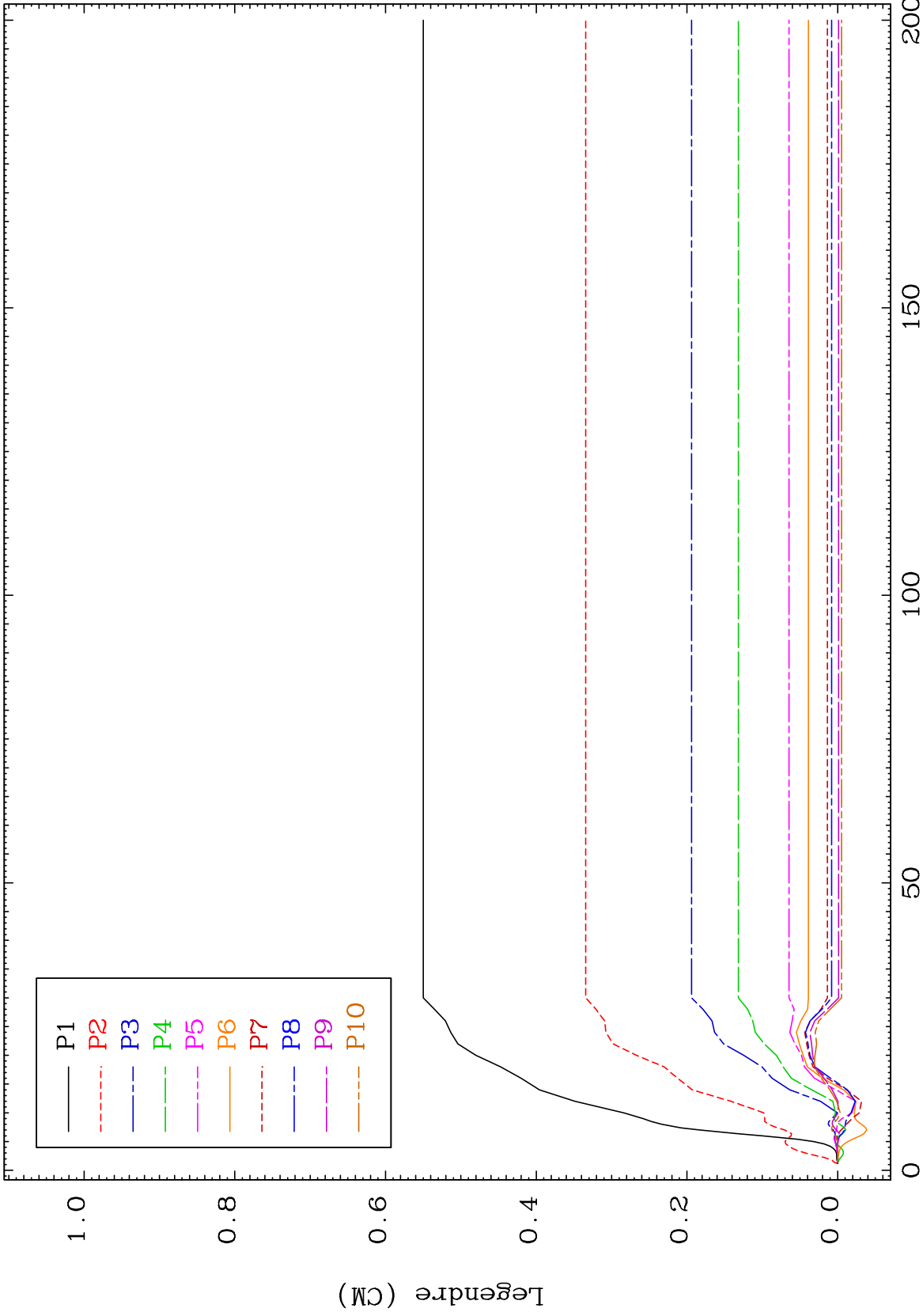
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



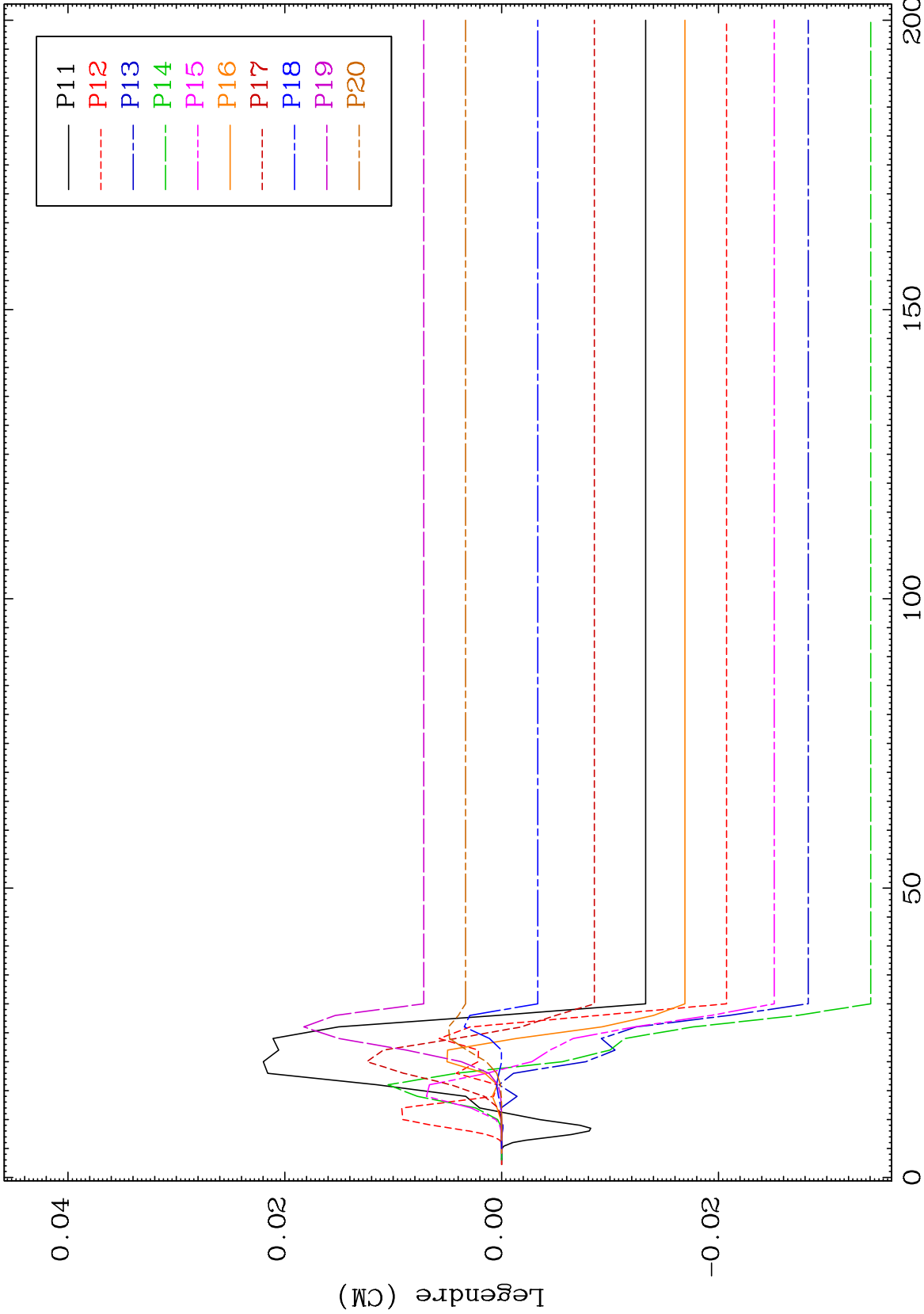
23

84-Po-206

MAT 8425

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

84-Po-206



24

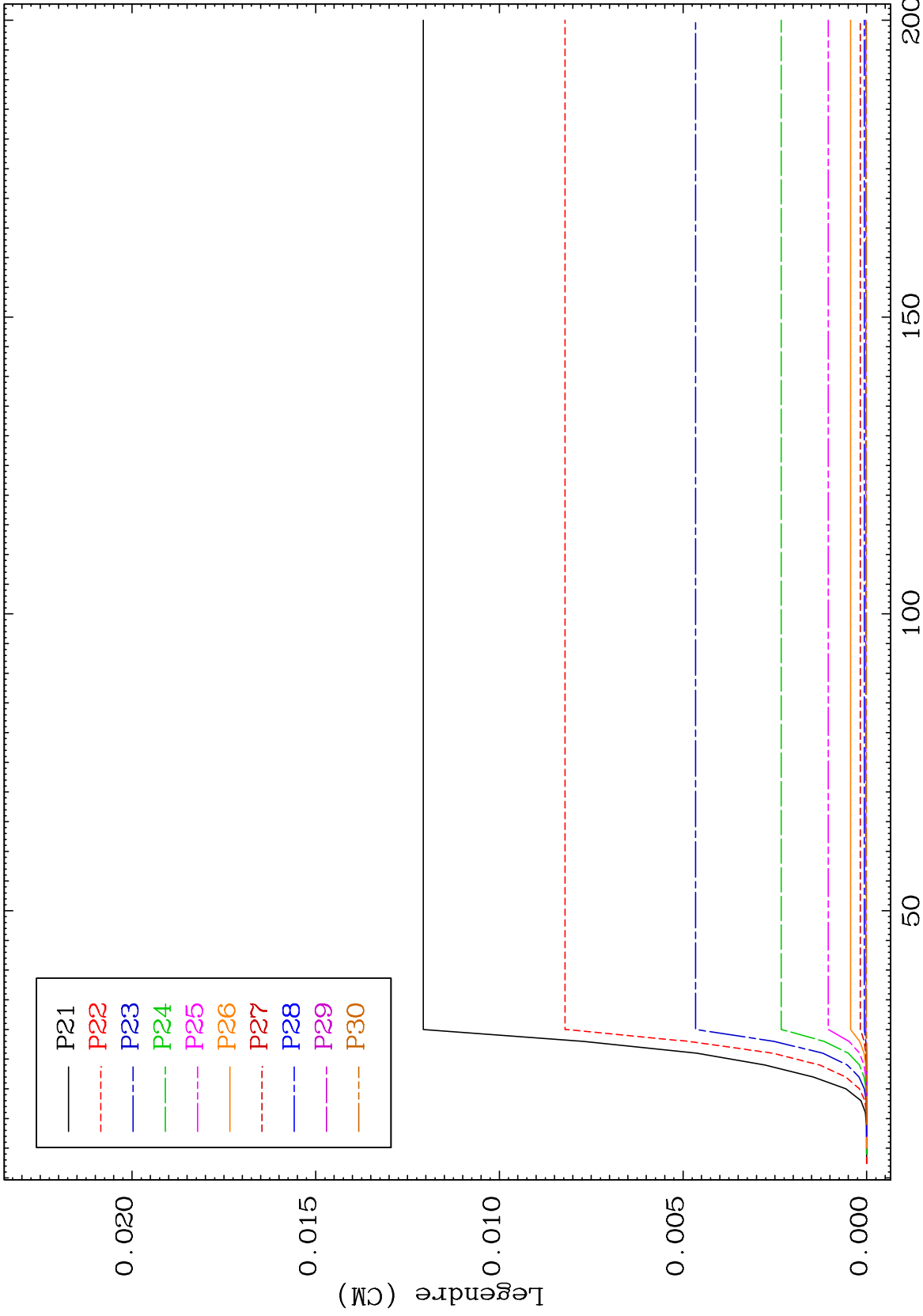
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



25

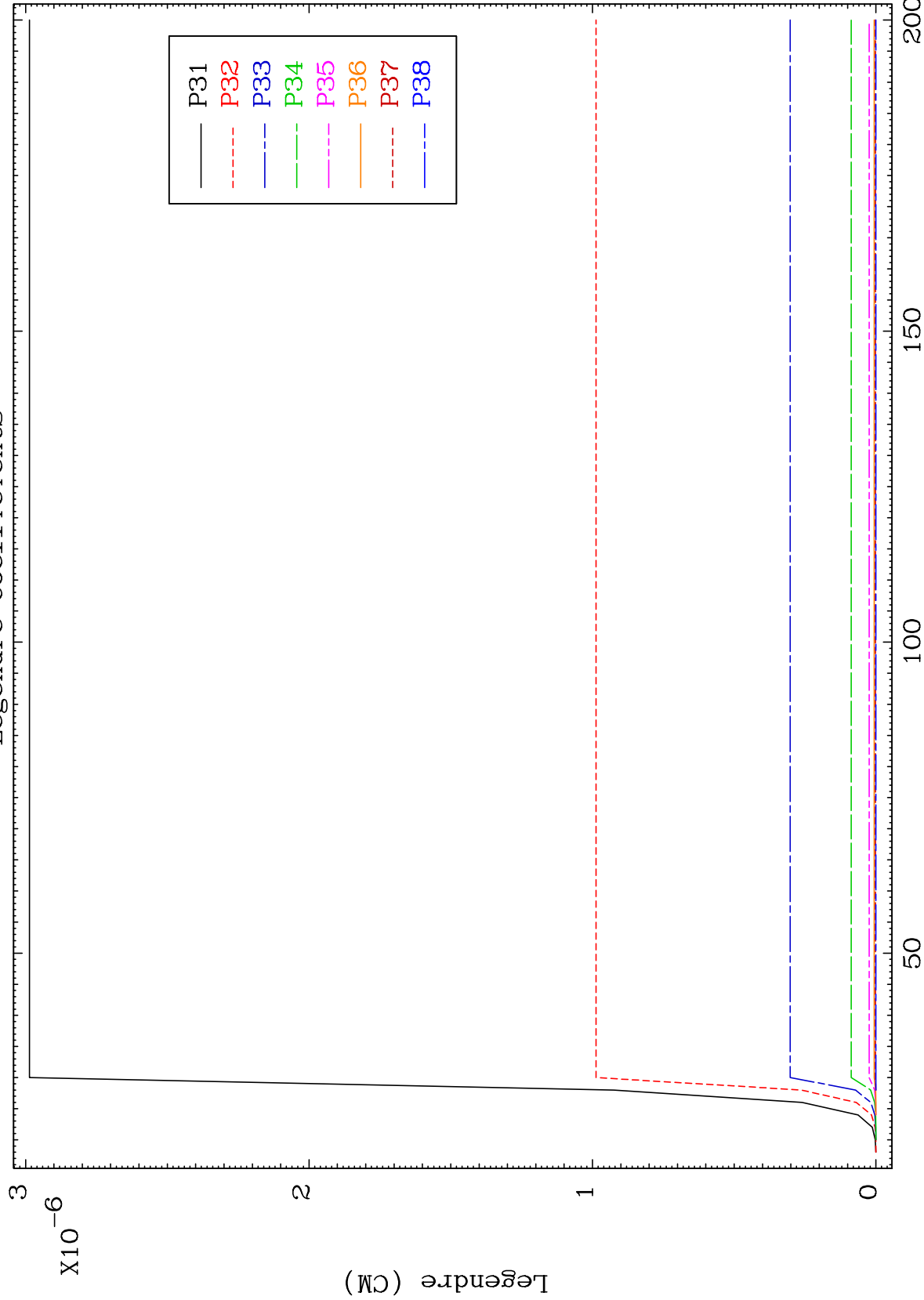
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



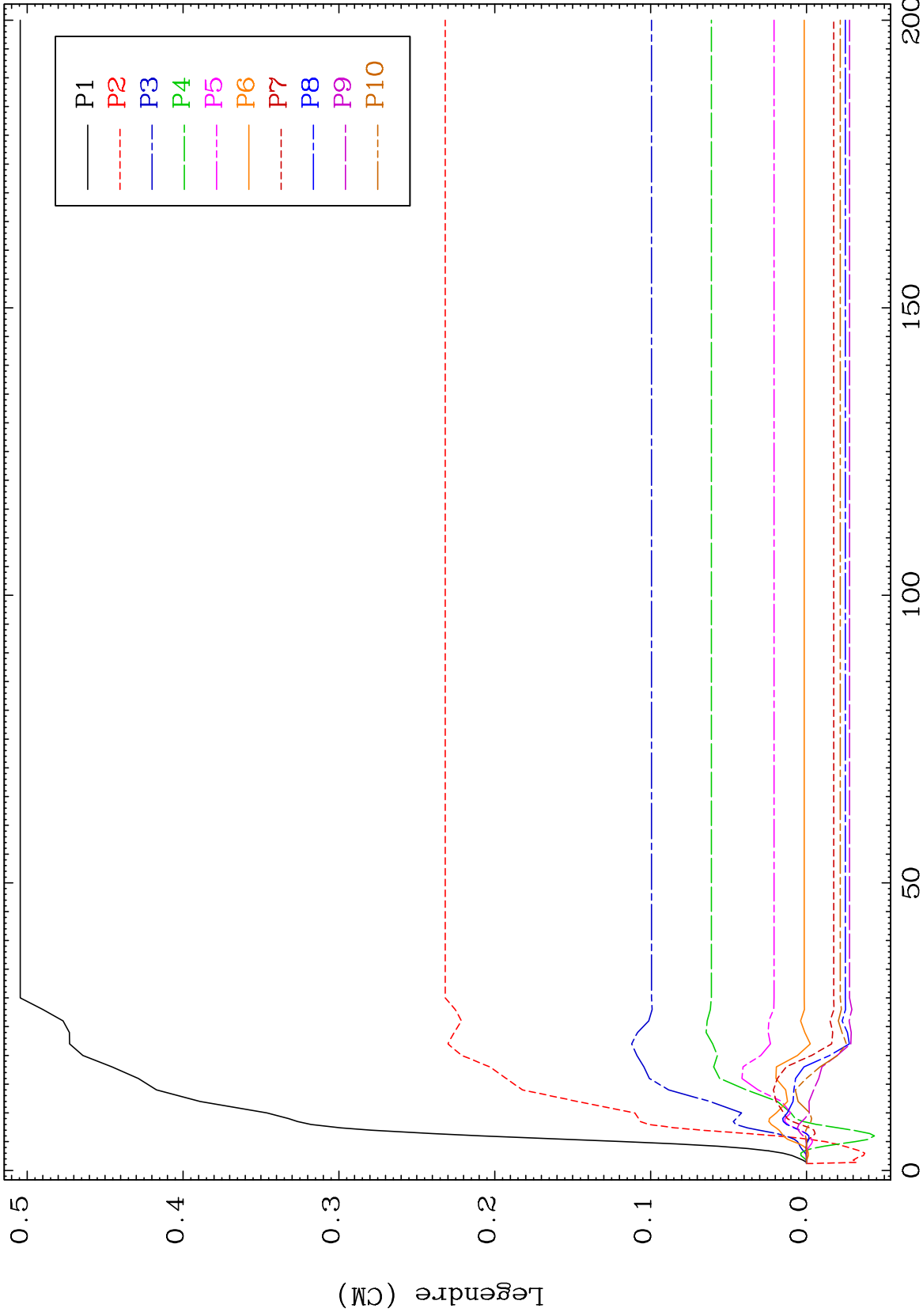
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84-Po-206

MAT 8425

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

84-Po-206



27

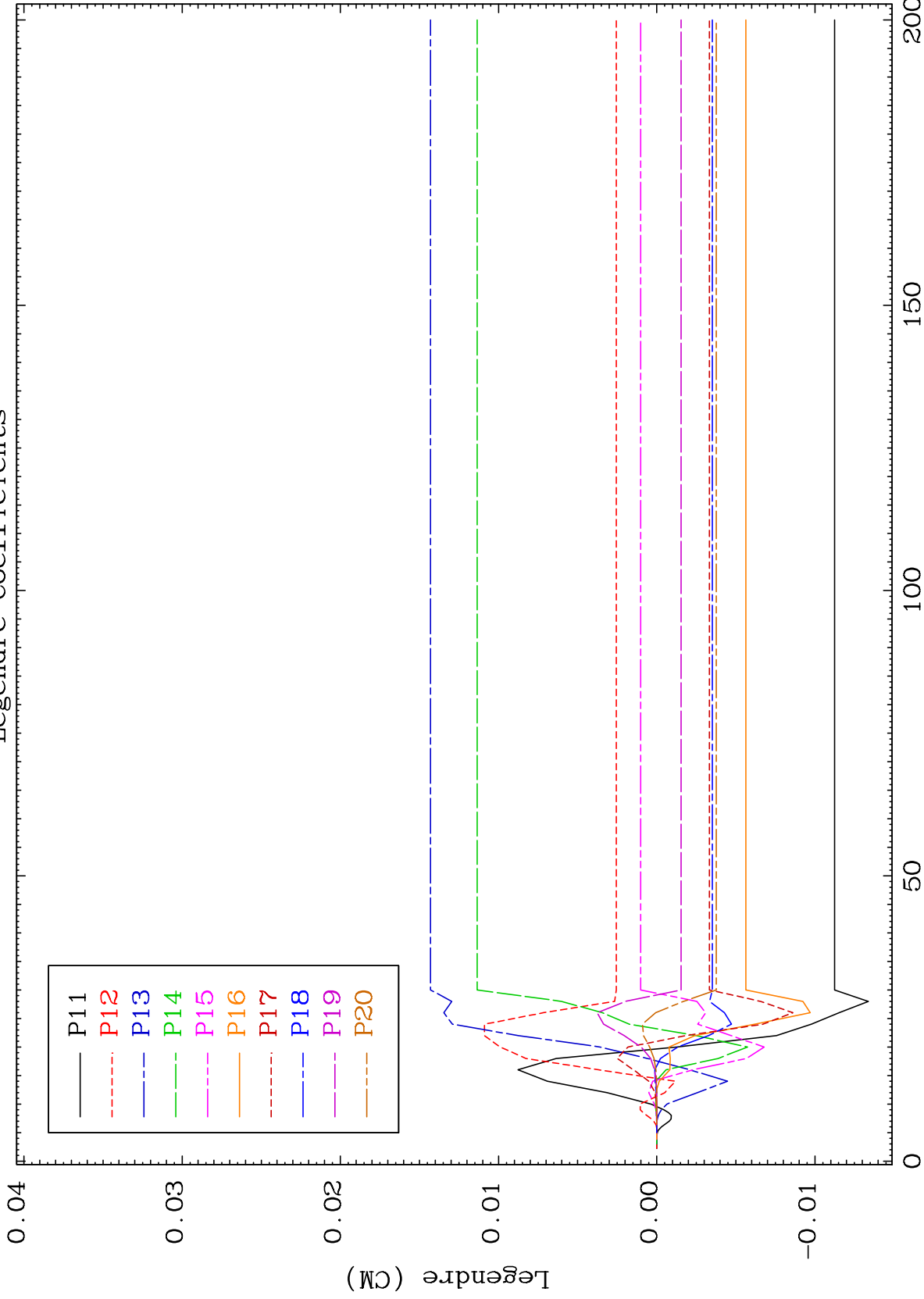
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



28

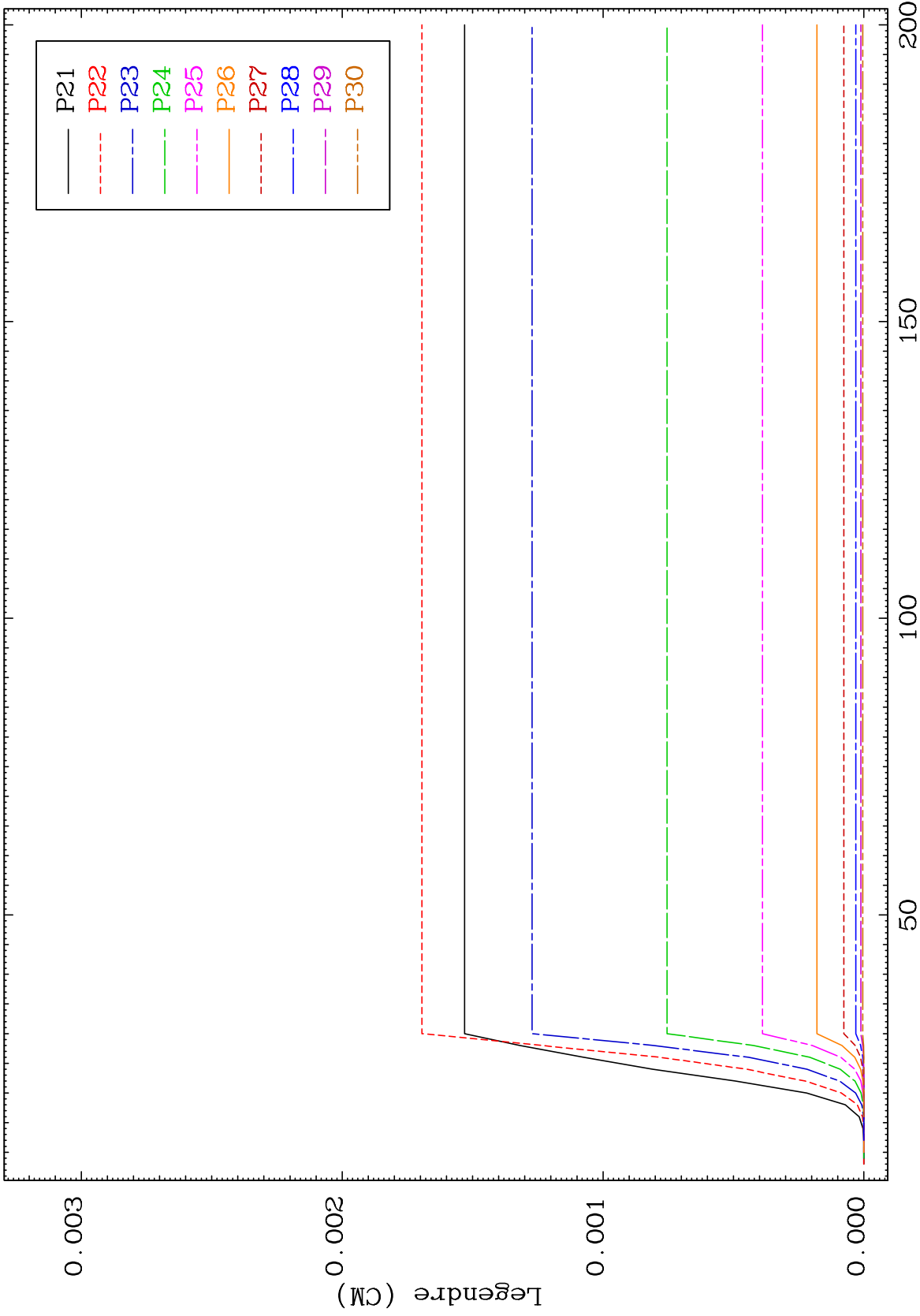
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



29

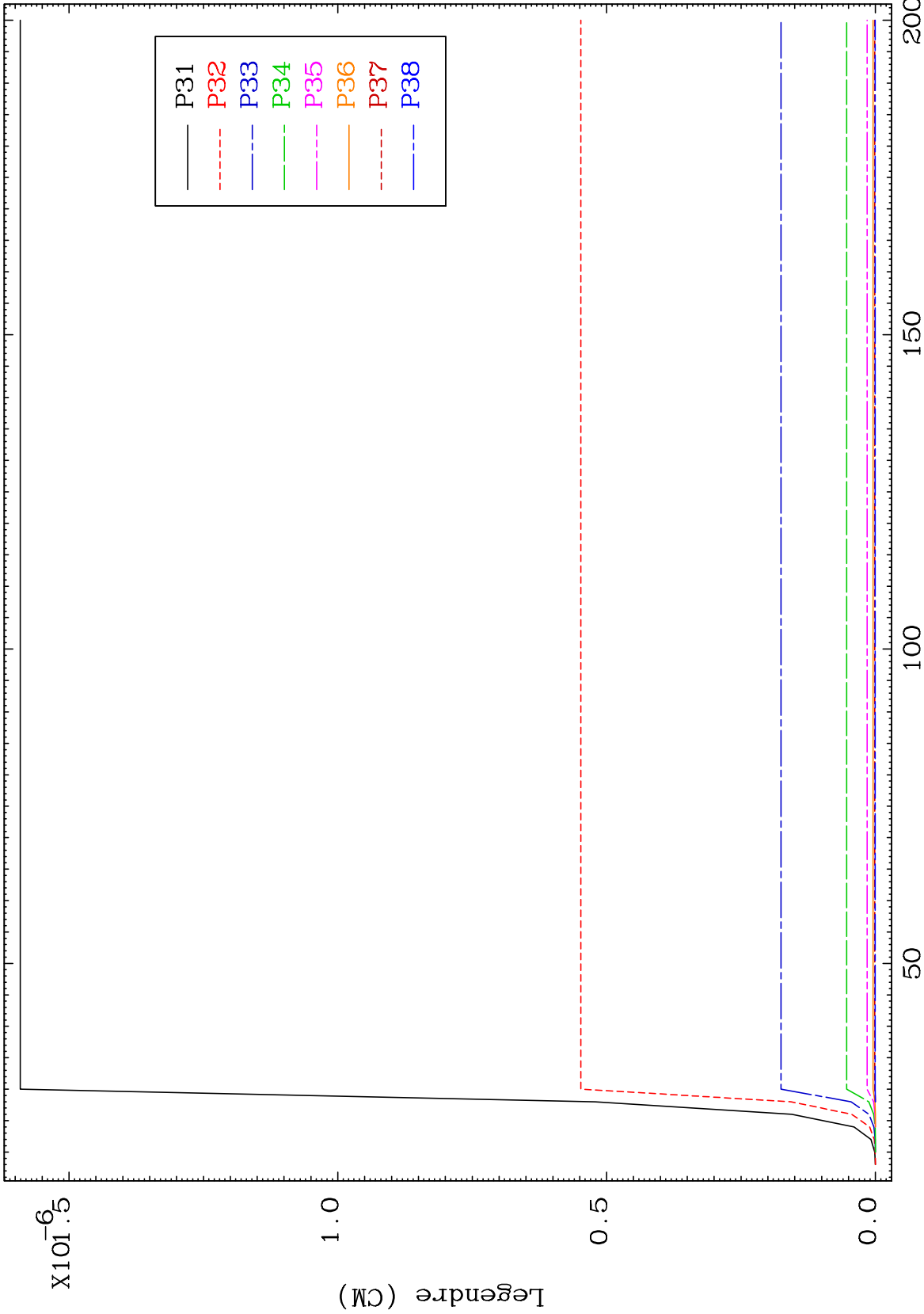
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



30

Incident Energy (MeV)

50

100

150

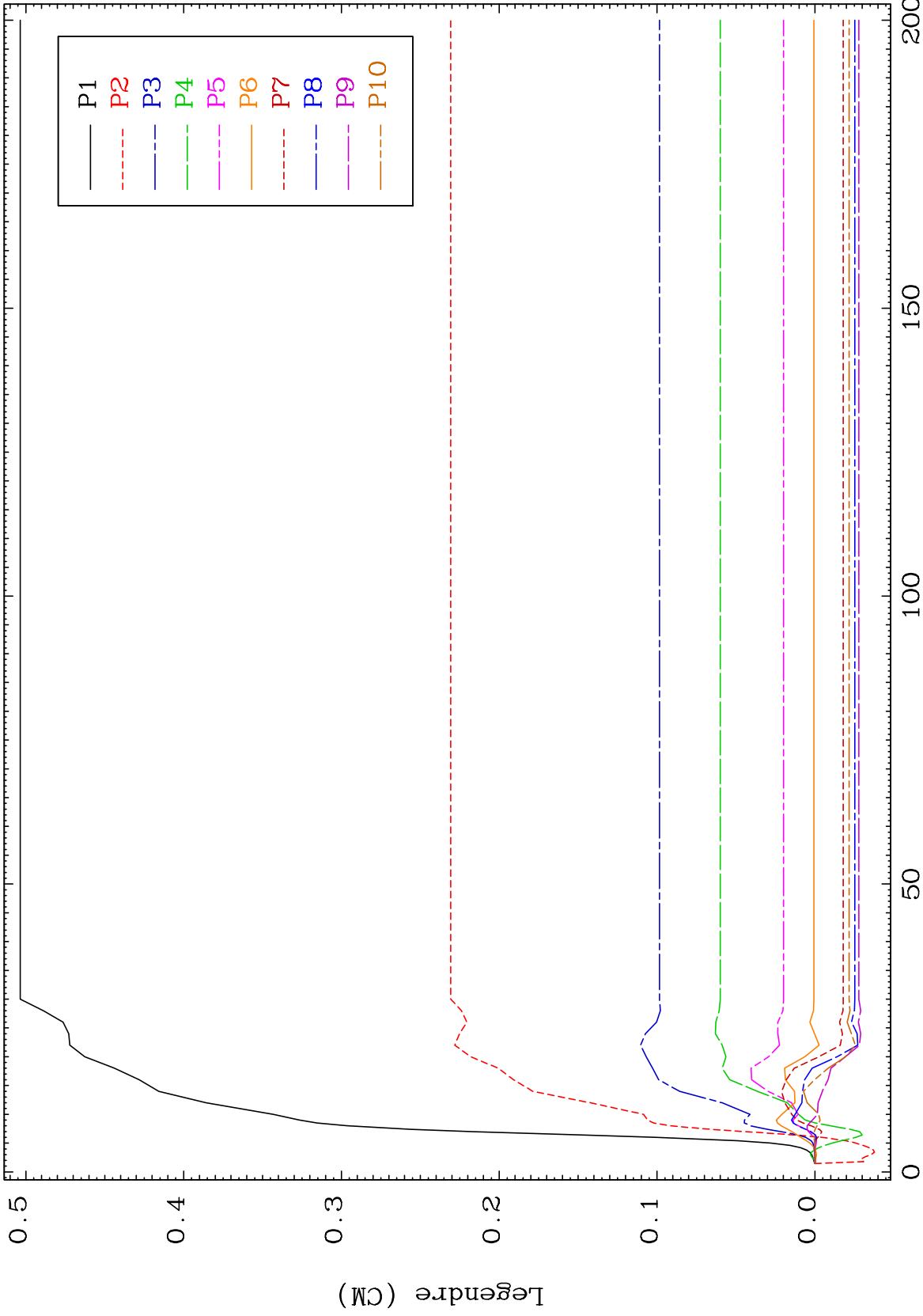
200

84-Po-206

MAT 8425

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

84-Po-206



31

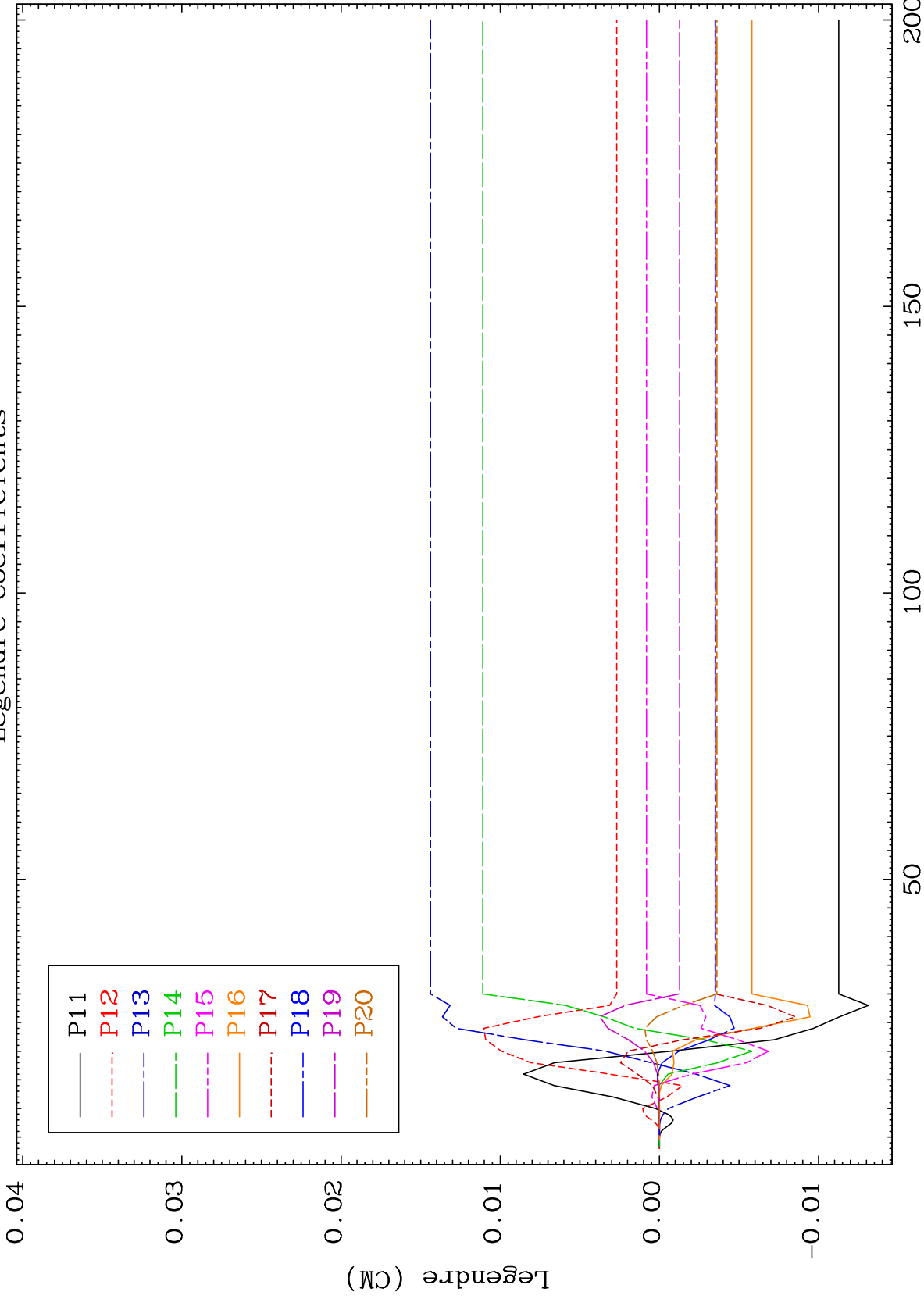
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



32

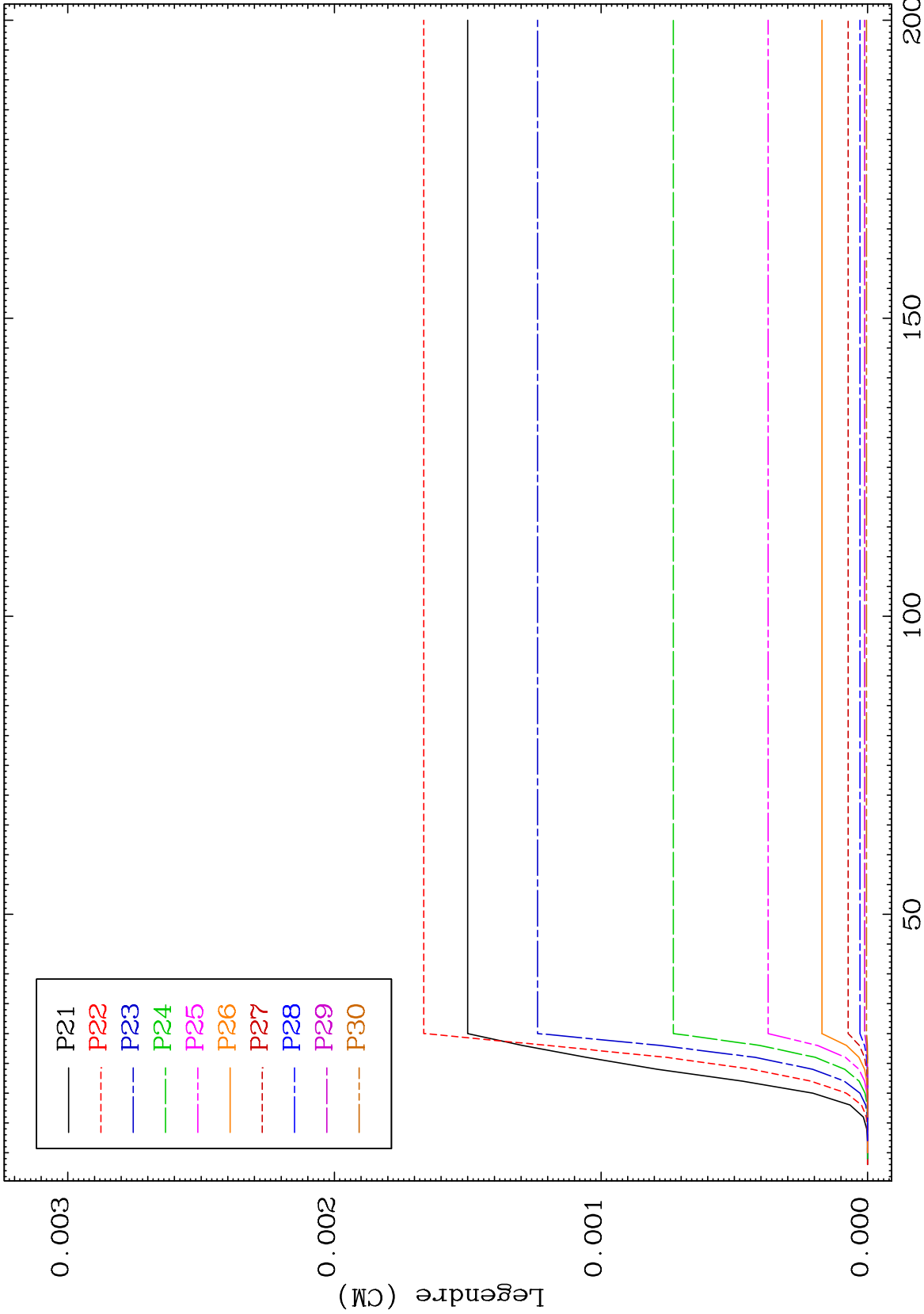
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



33

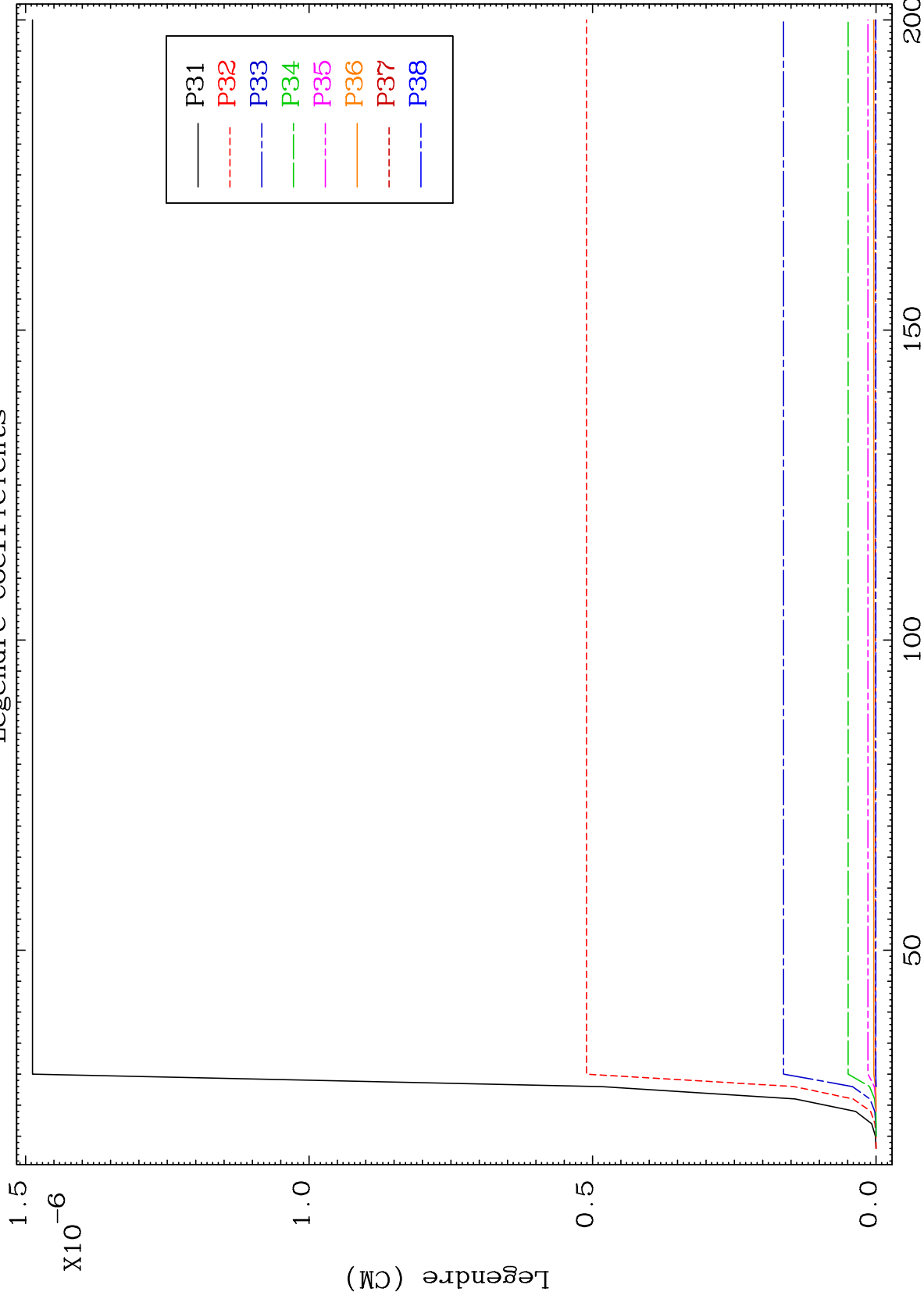
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



34

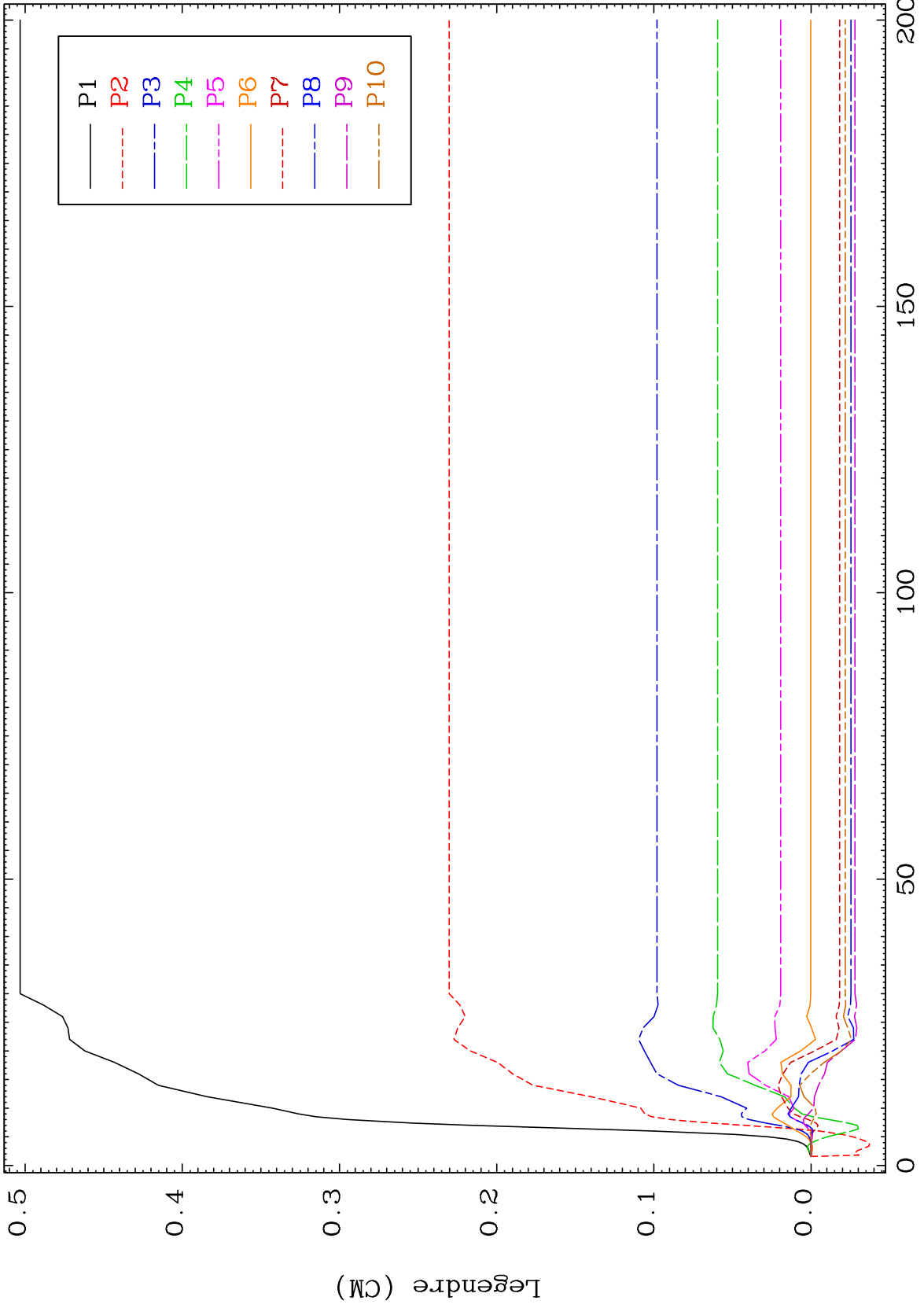
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



84-Po-206

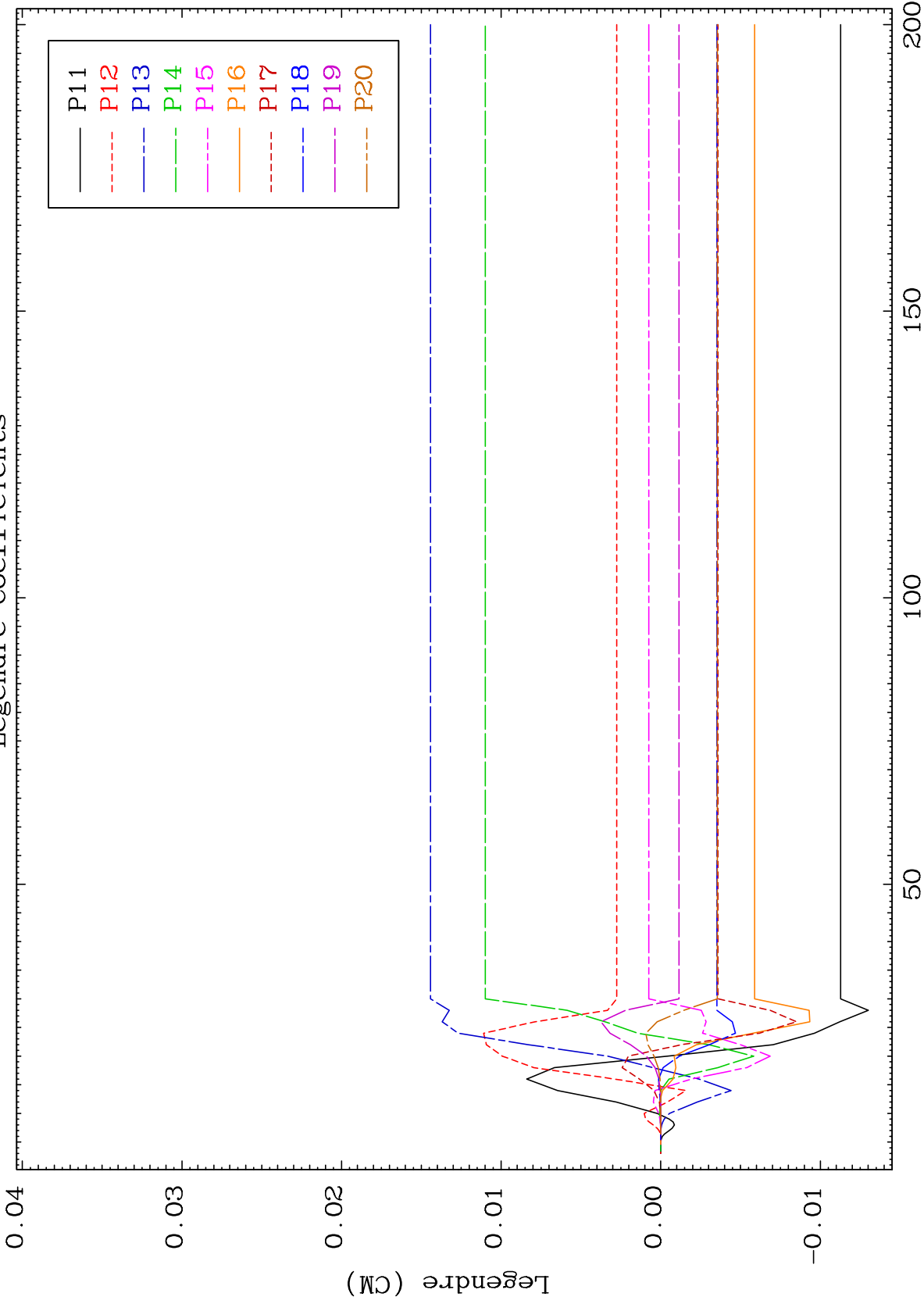
Incident Energy (MeV)

35

MAT 8425

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

84-Po-206



36

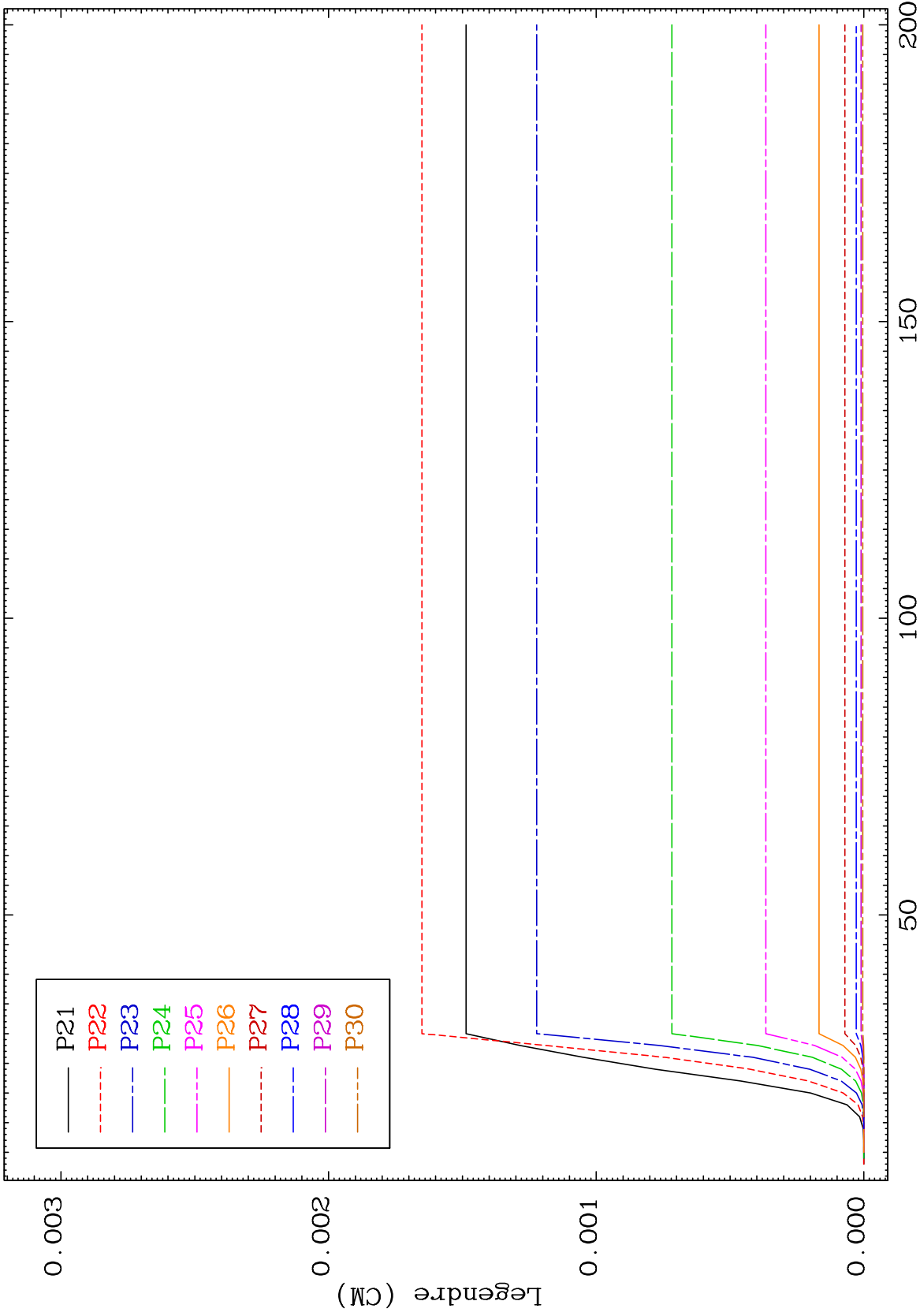
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



37

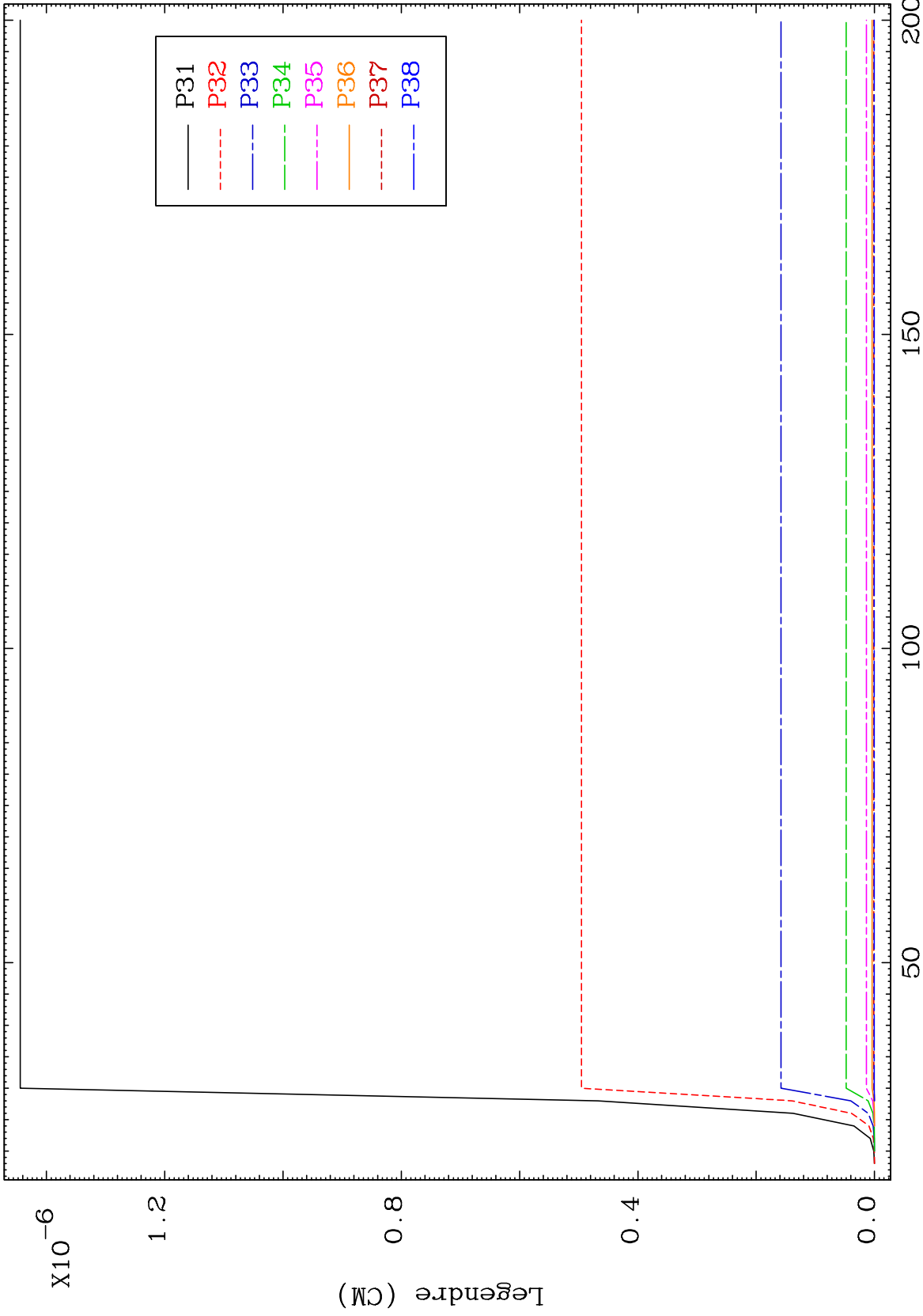
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



38

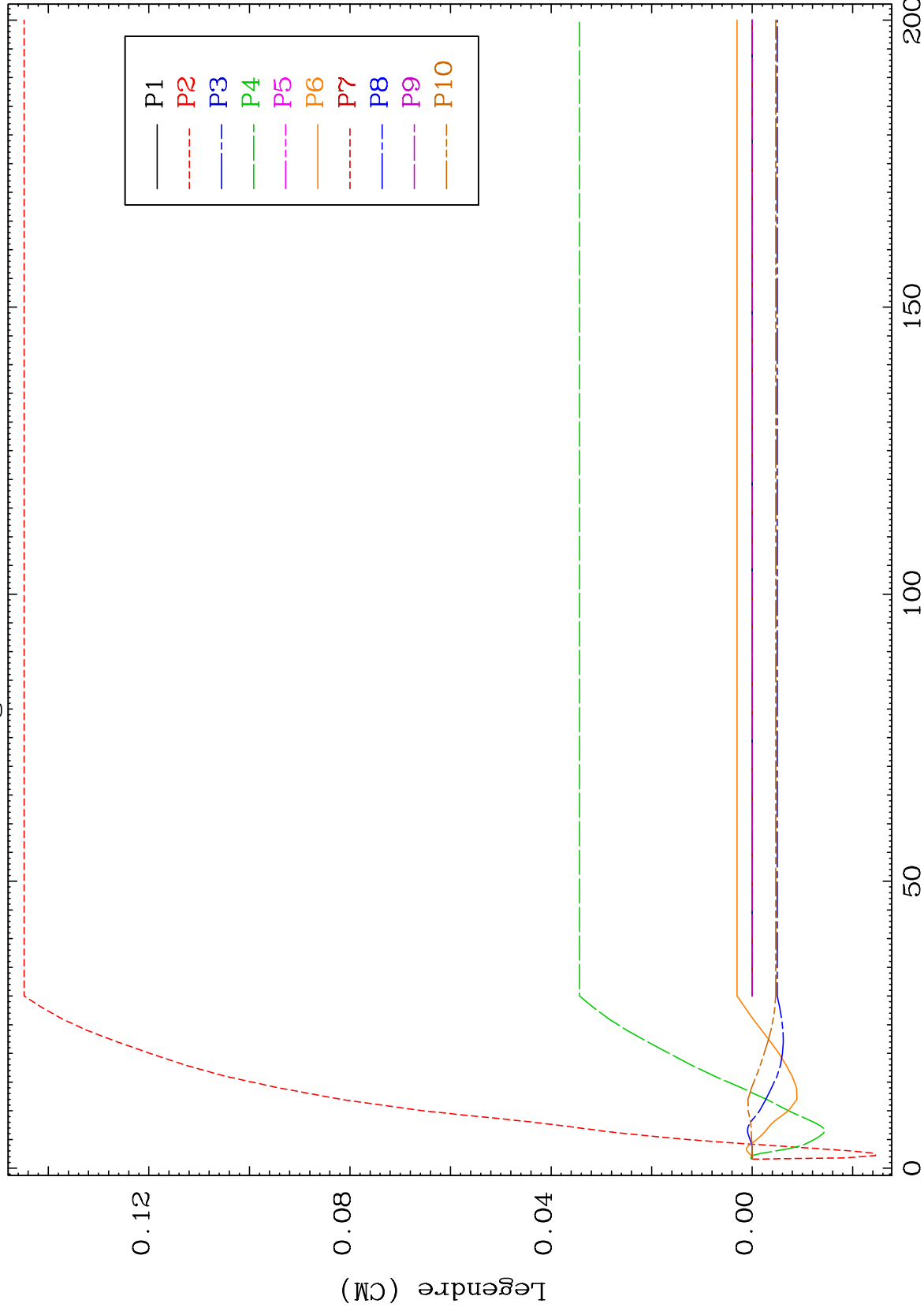
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



39

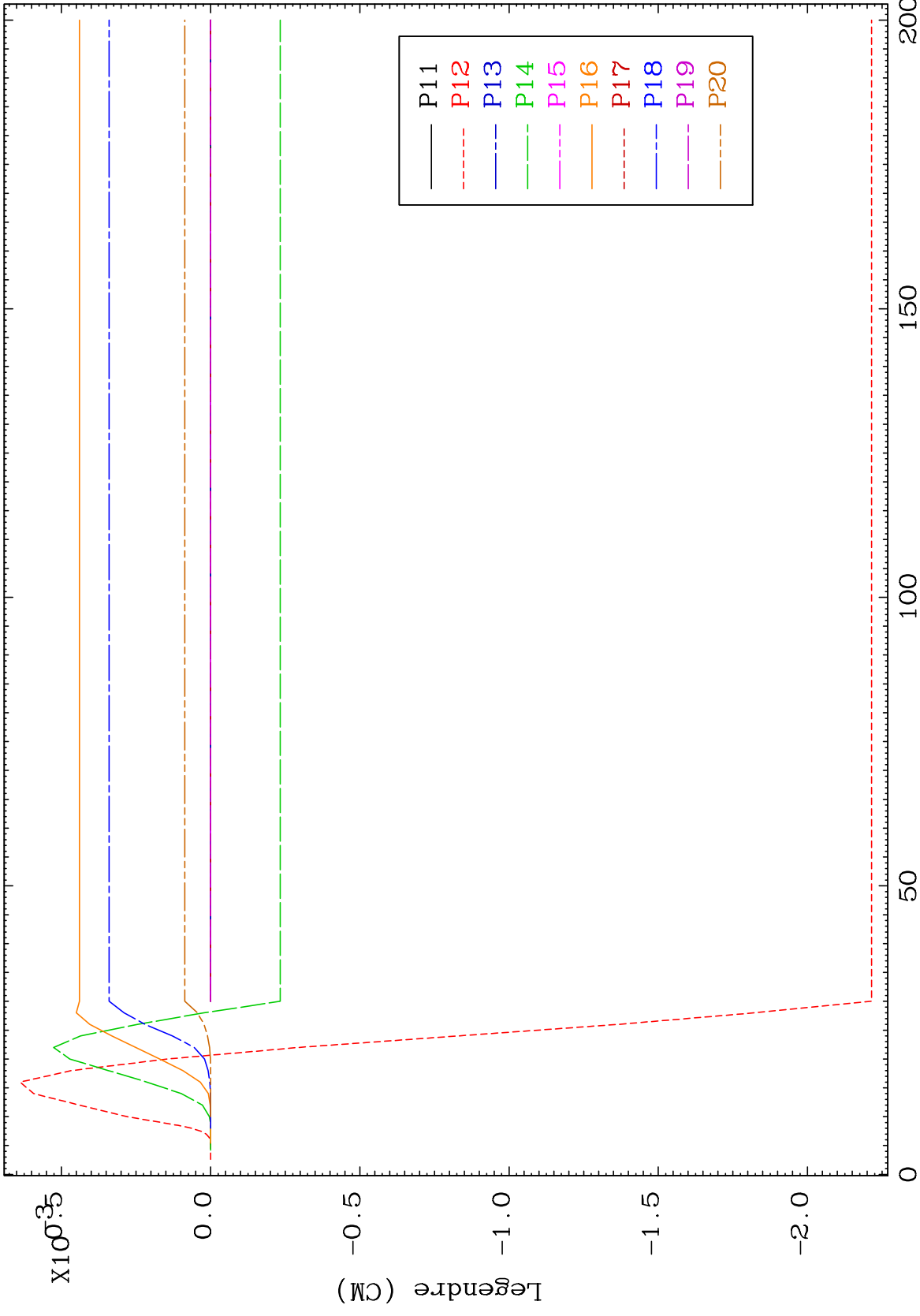
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



40

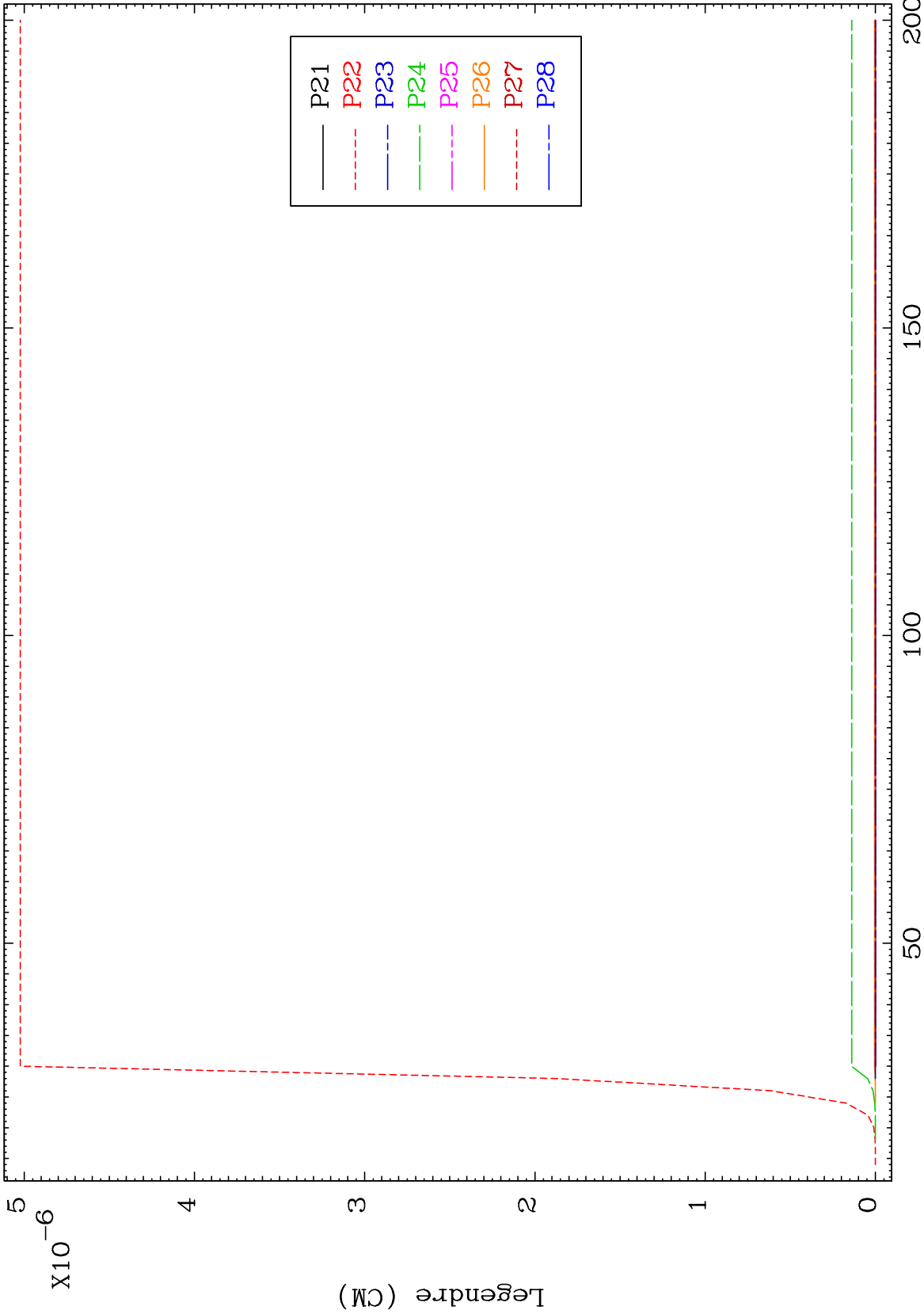
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



41

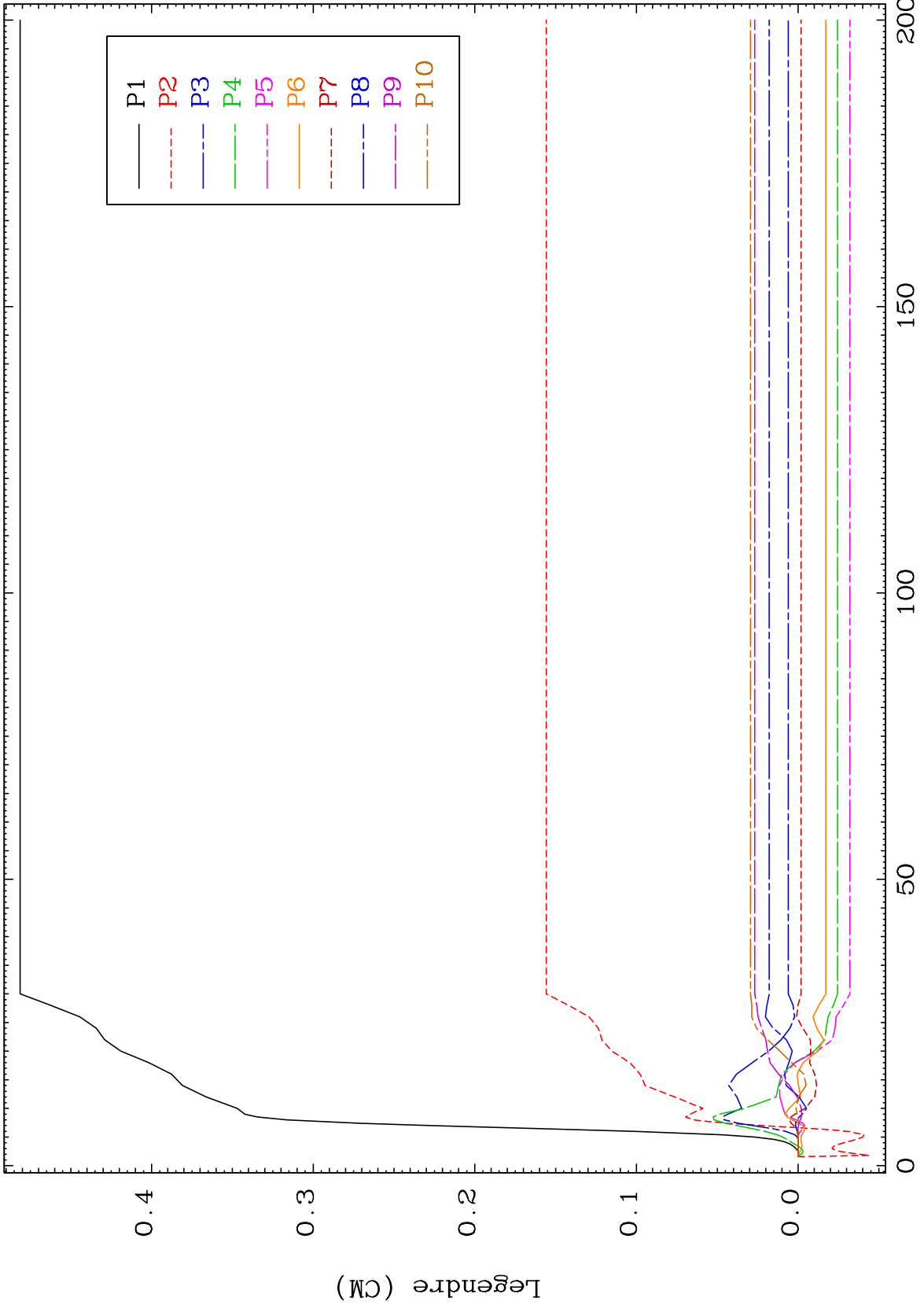
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



42

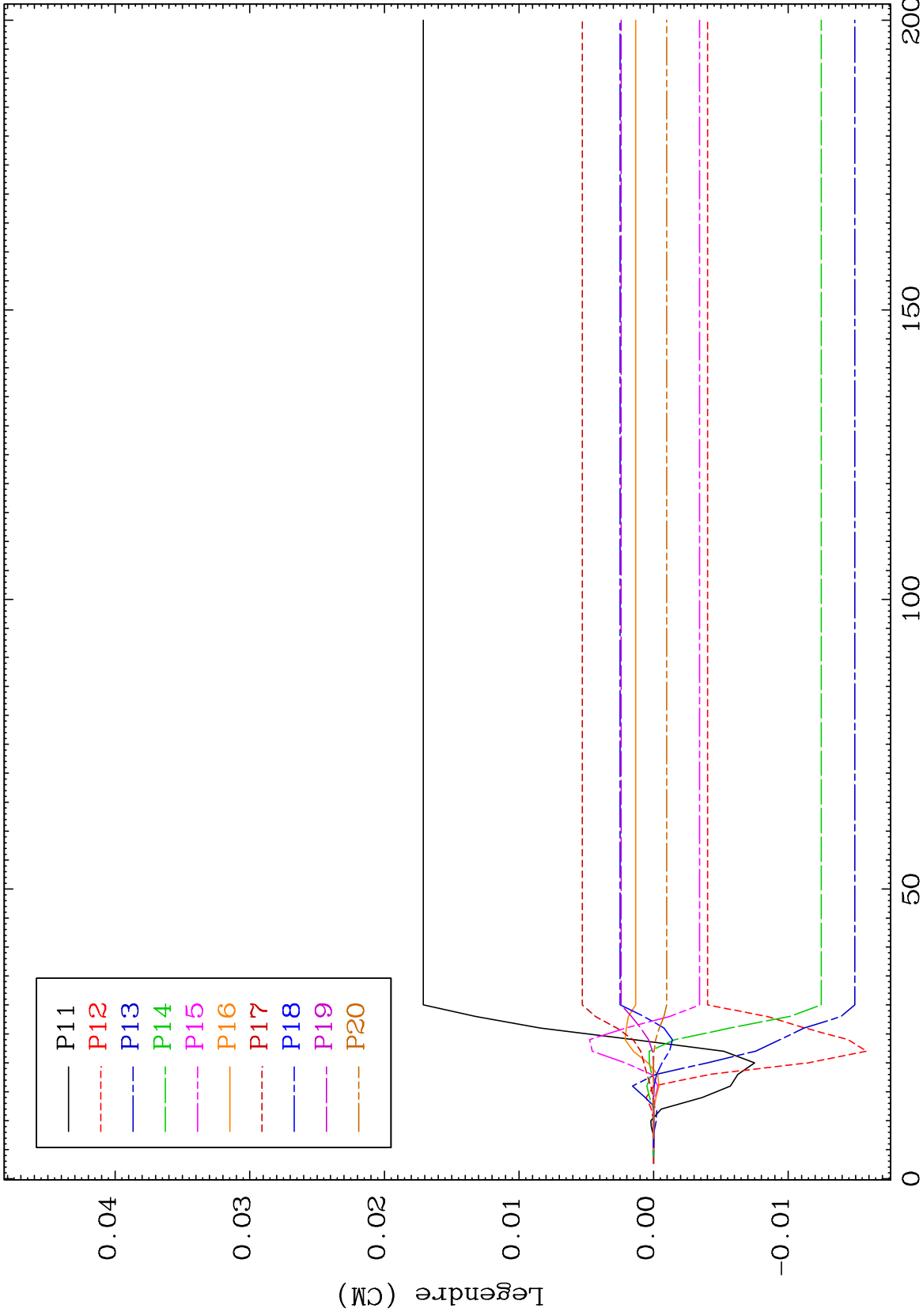
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



43

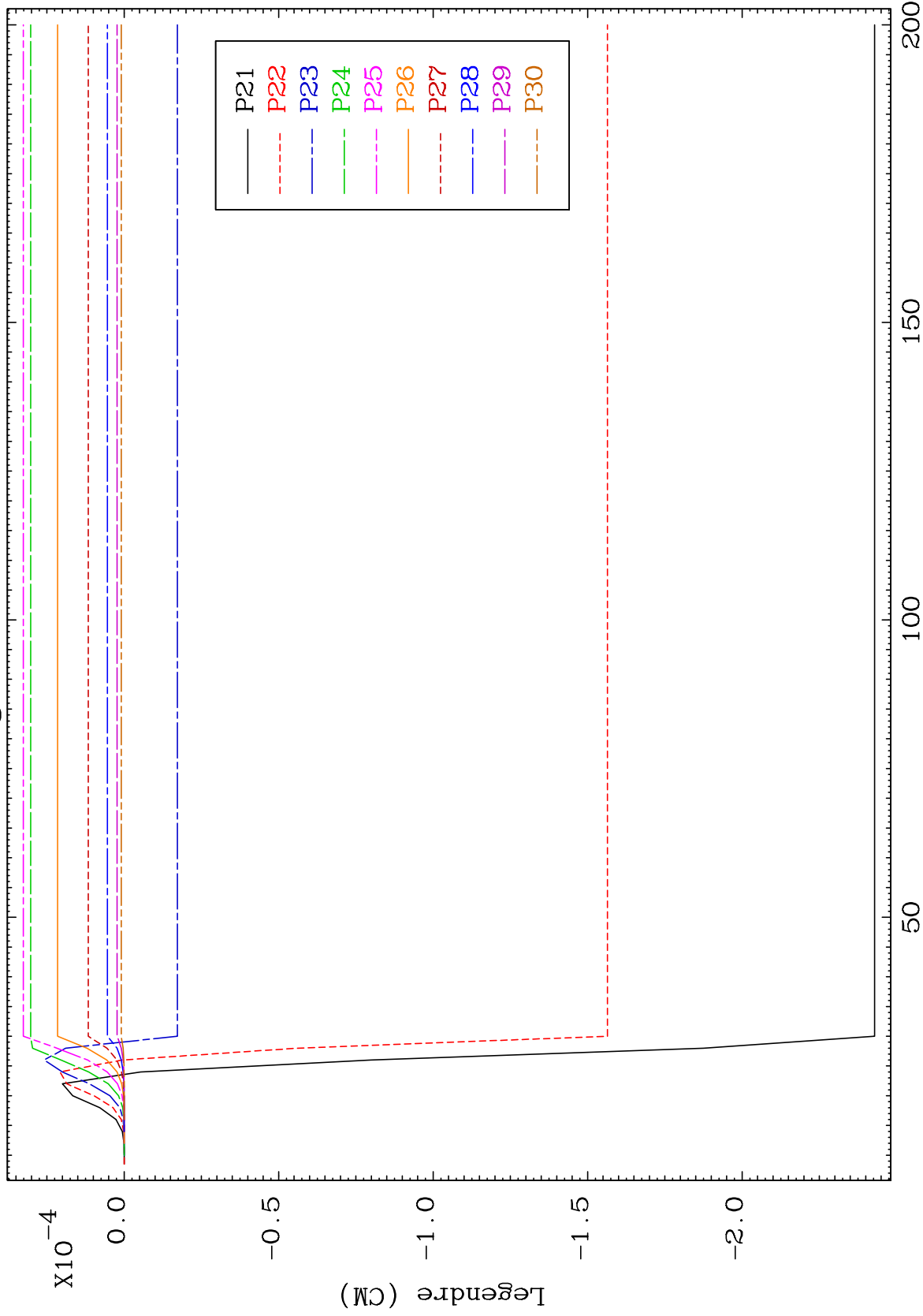
84-Po-206

84-Po-206

MAT 8425

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

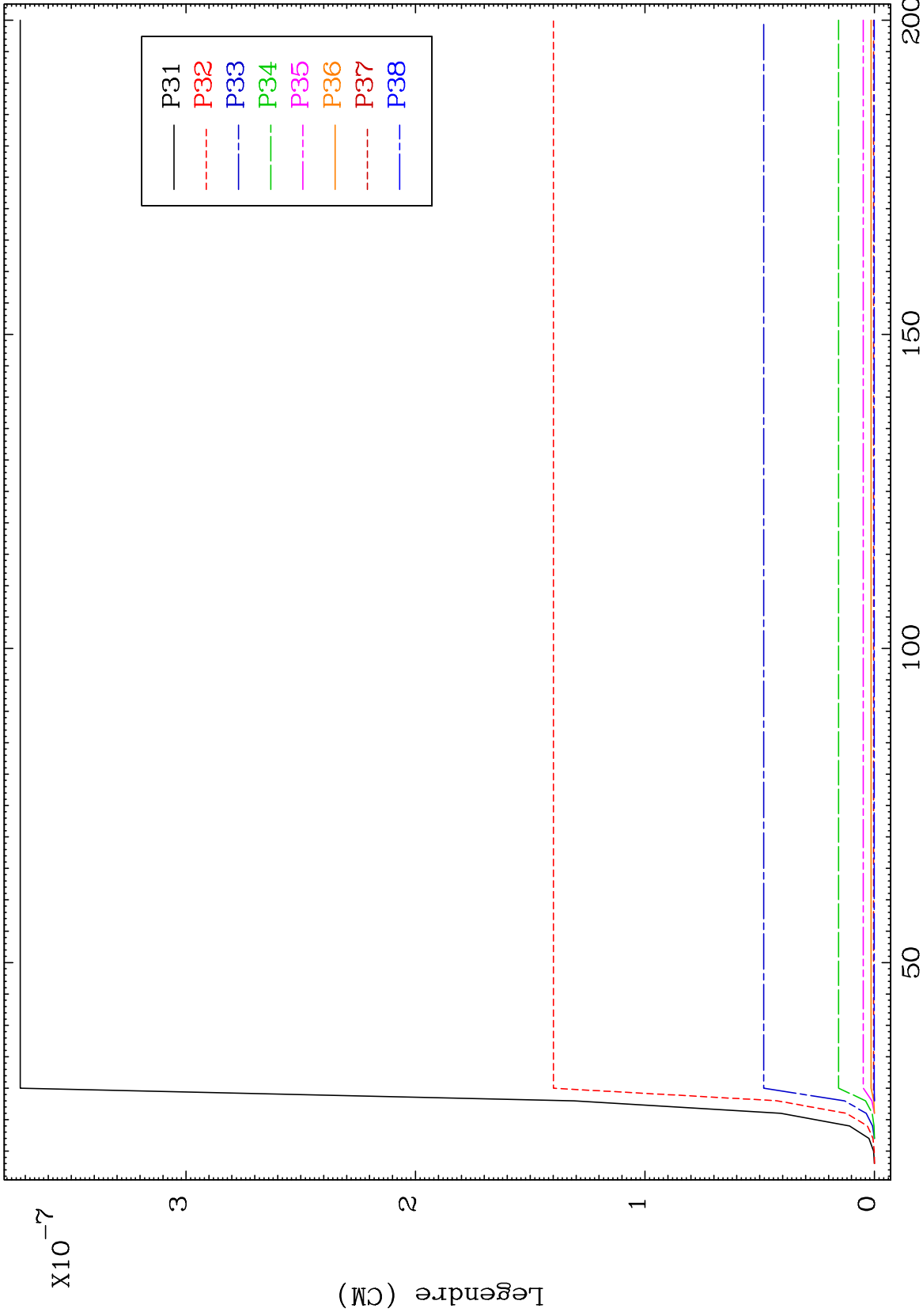
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MAT 8425

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

84-Po-206



45

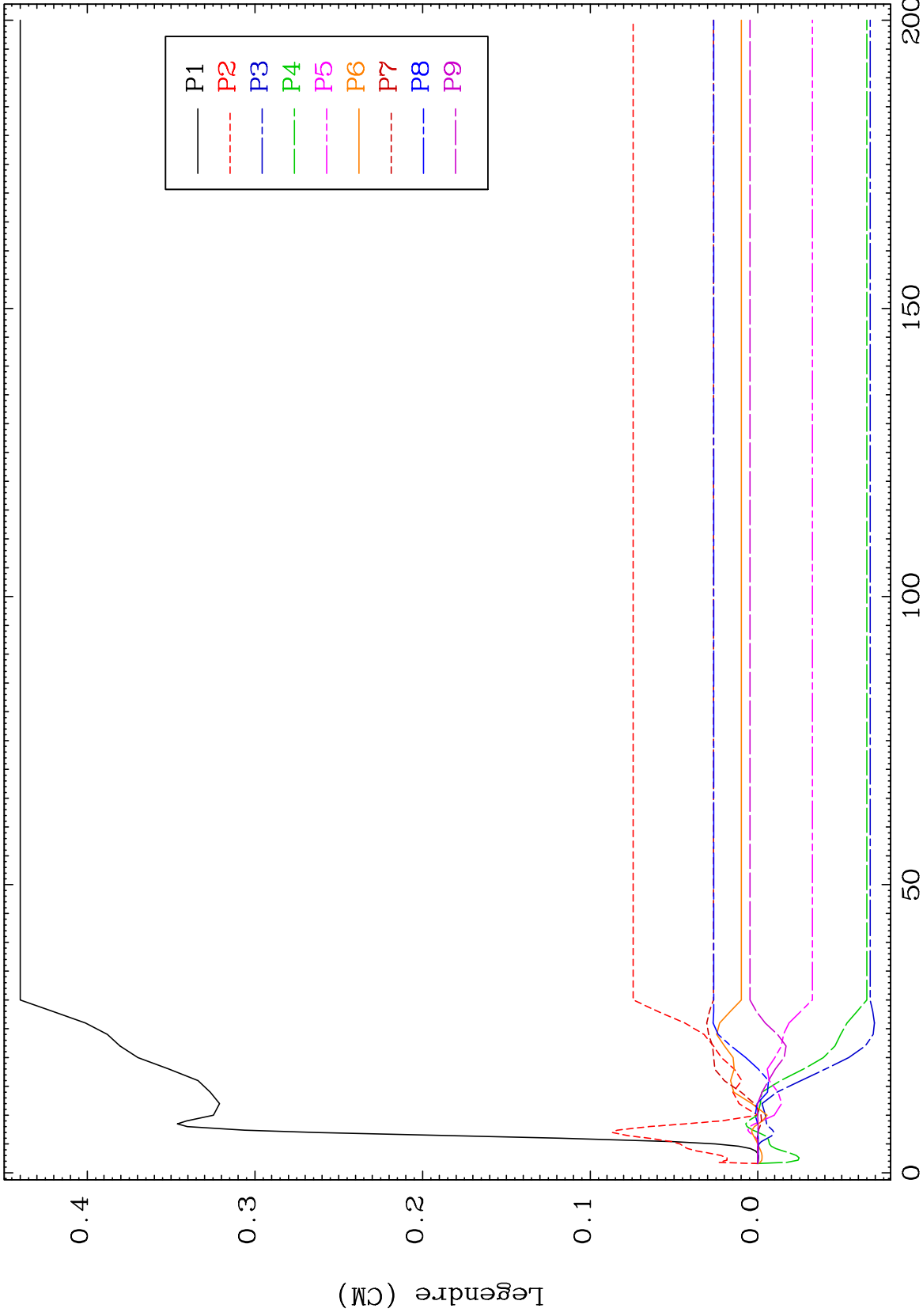
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



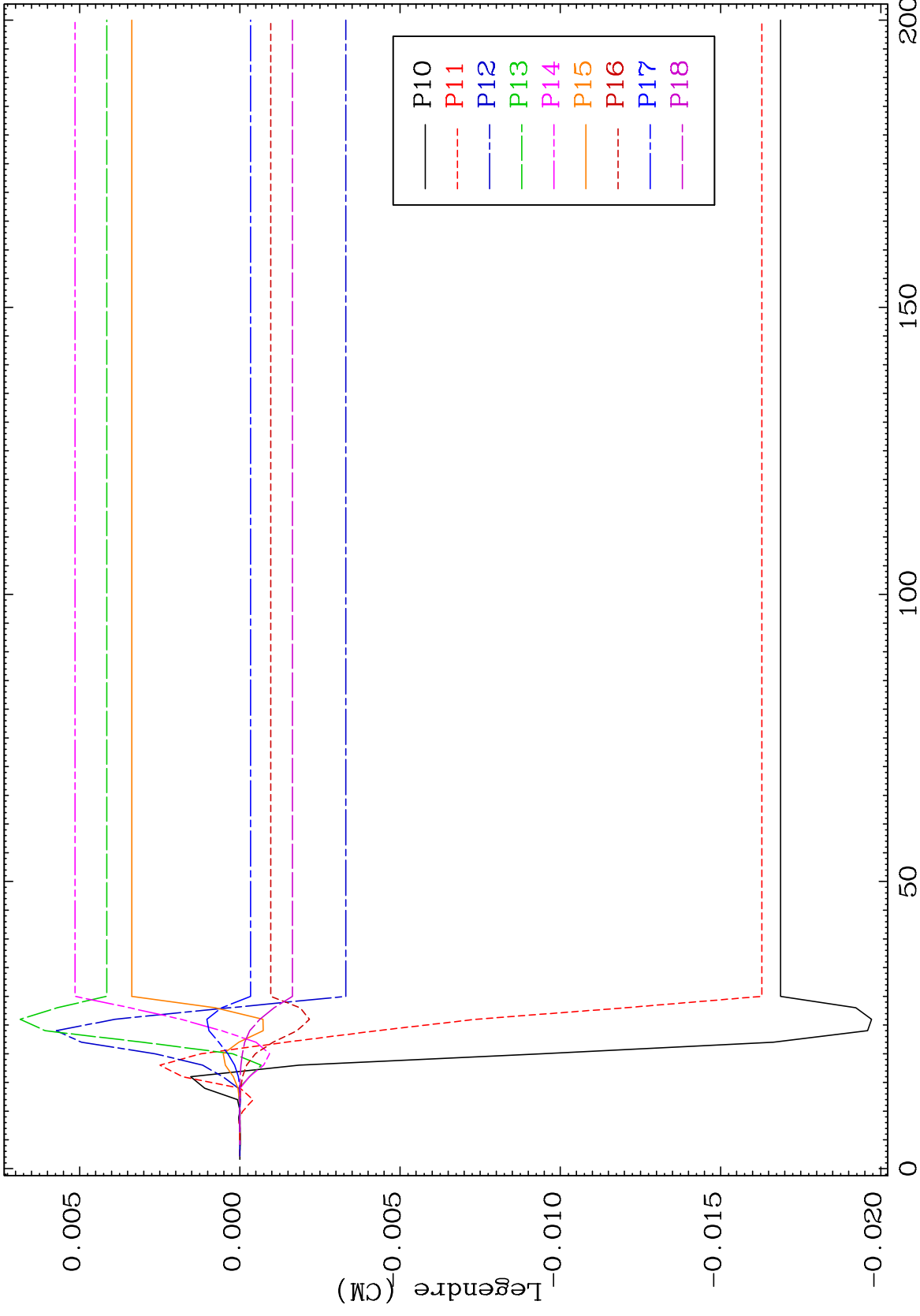
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84-Po-206

MAT 8425

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

84-Po-206



47

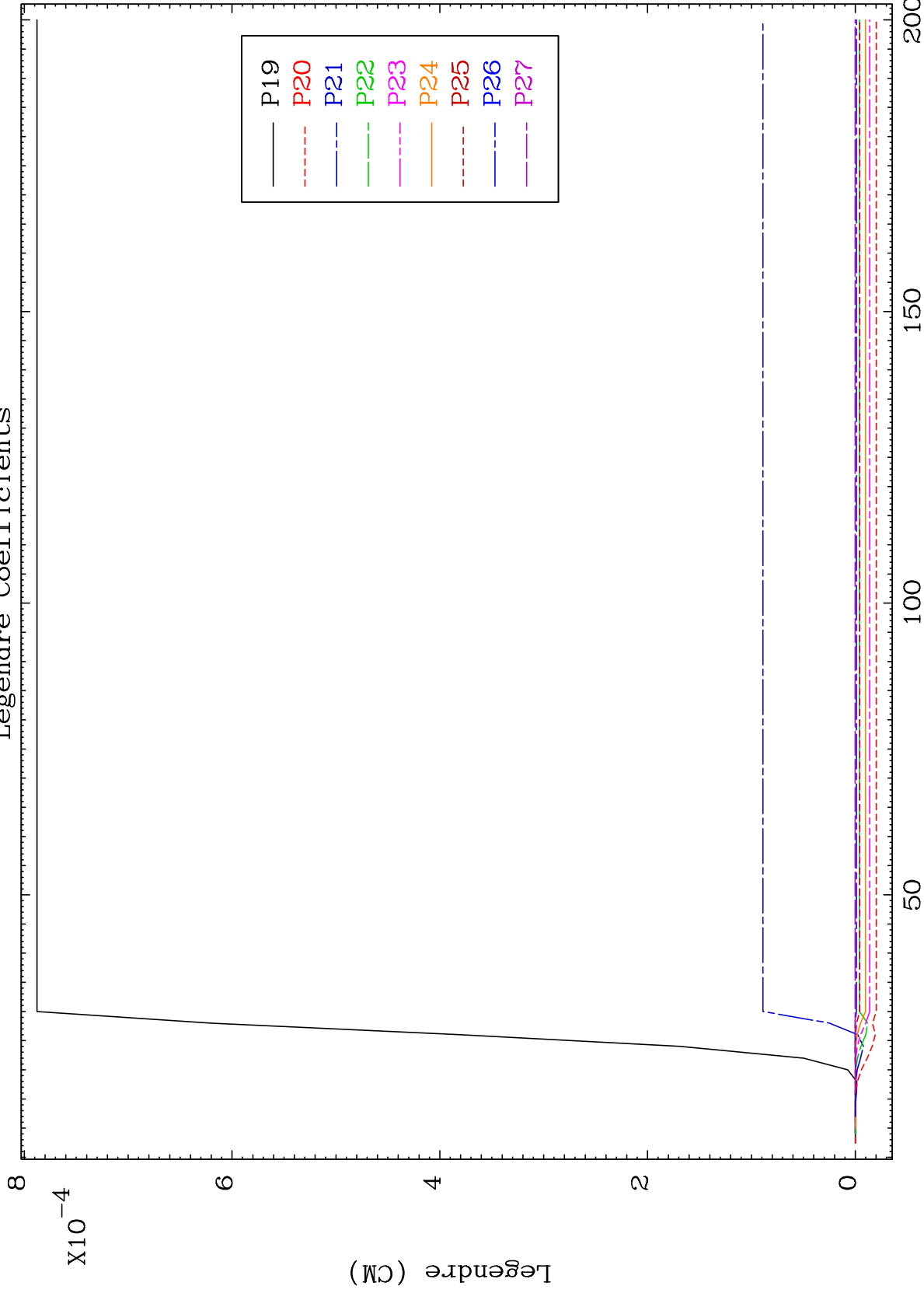
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



48

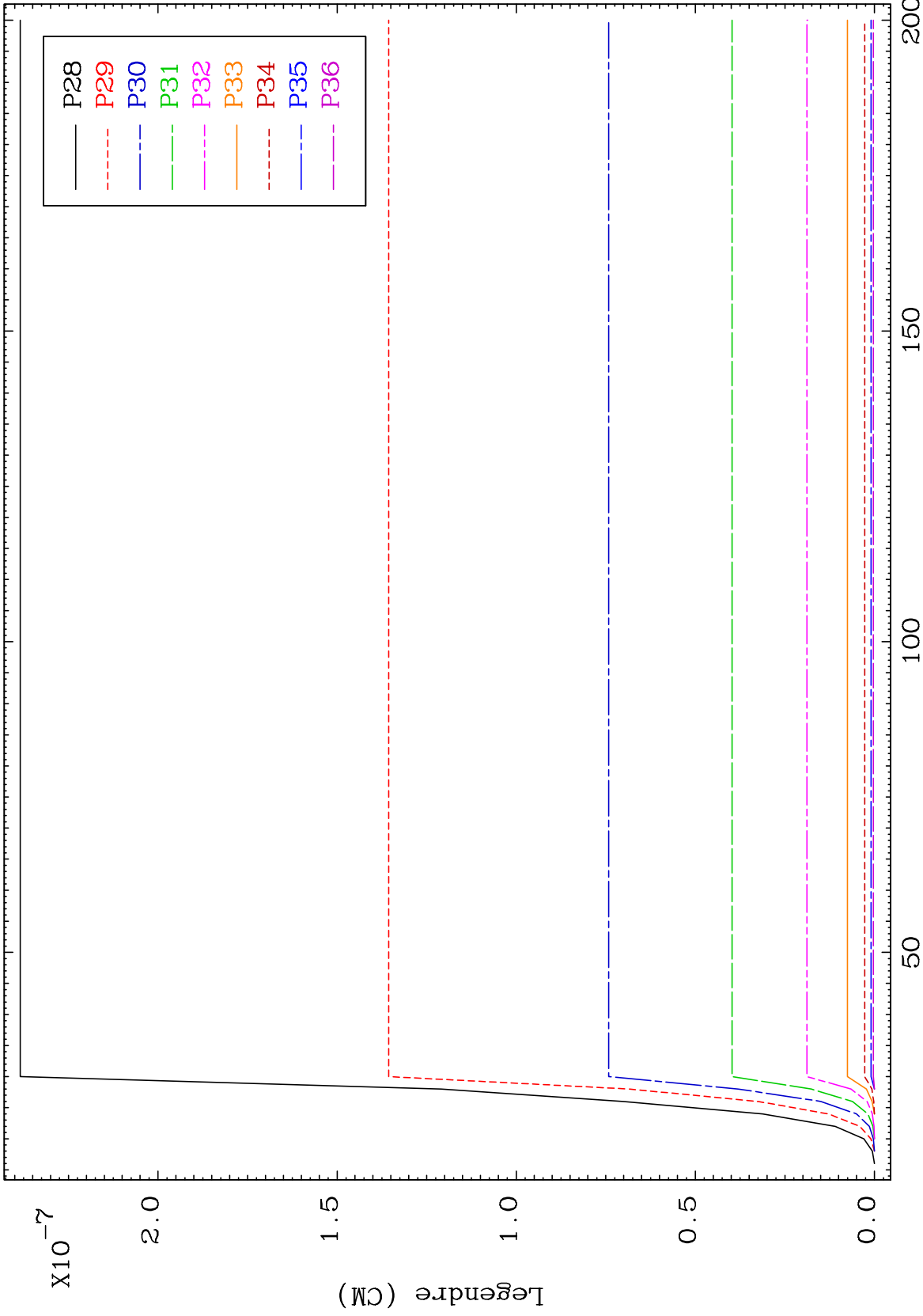
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



49

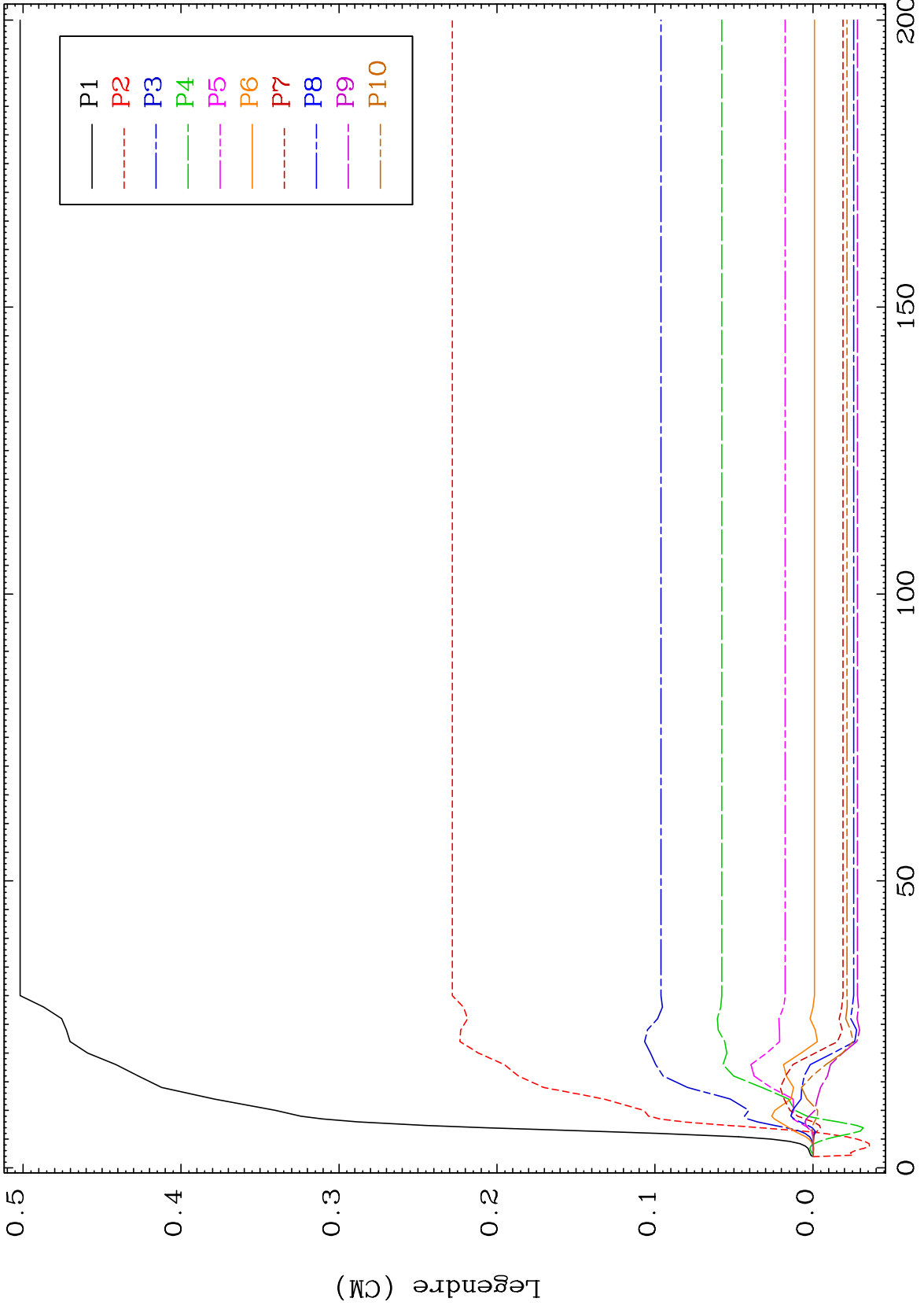
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



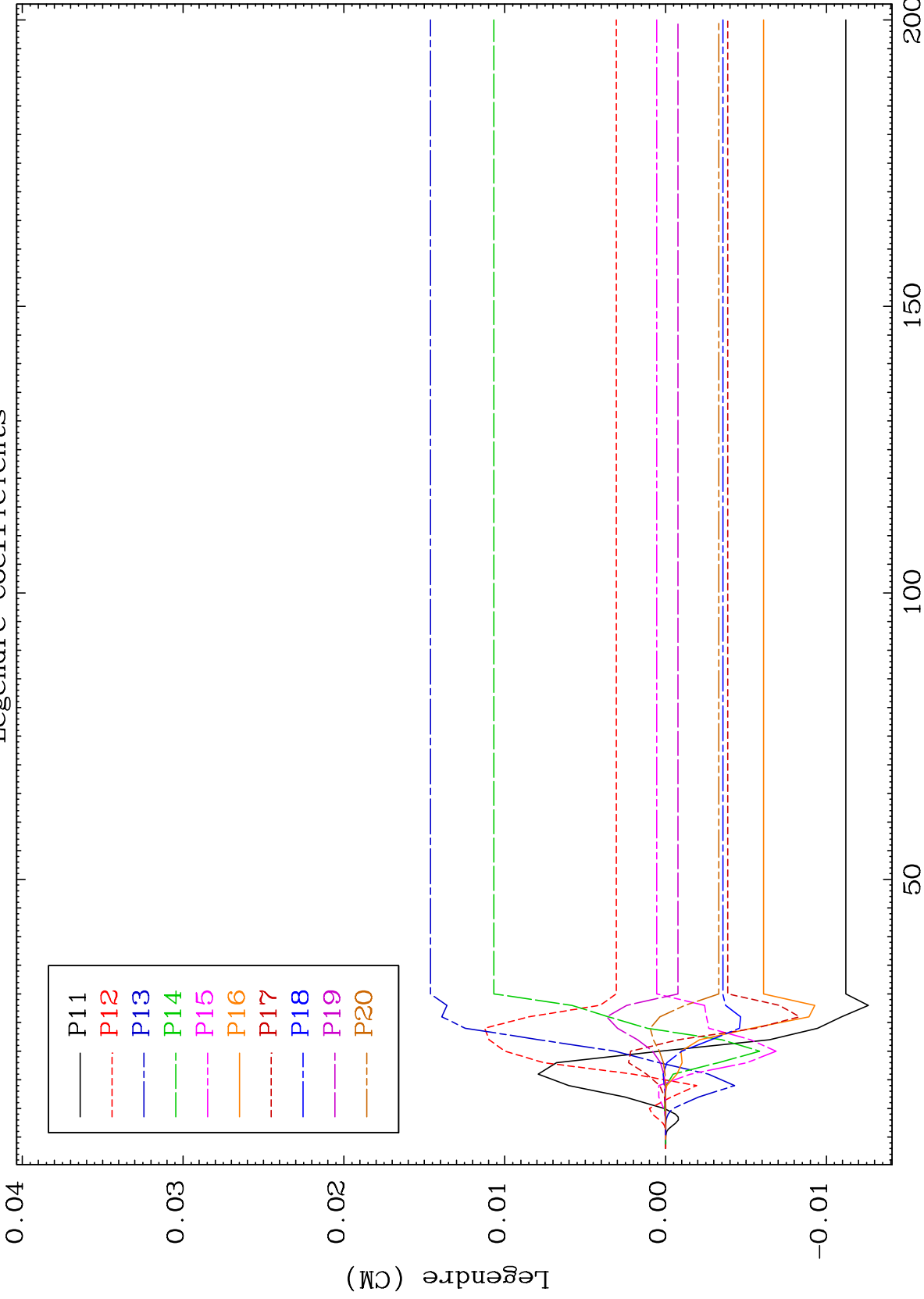
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Incident Energy (MeV)

MAT 8425

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

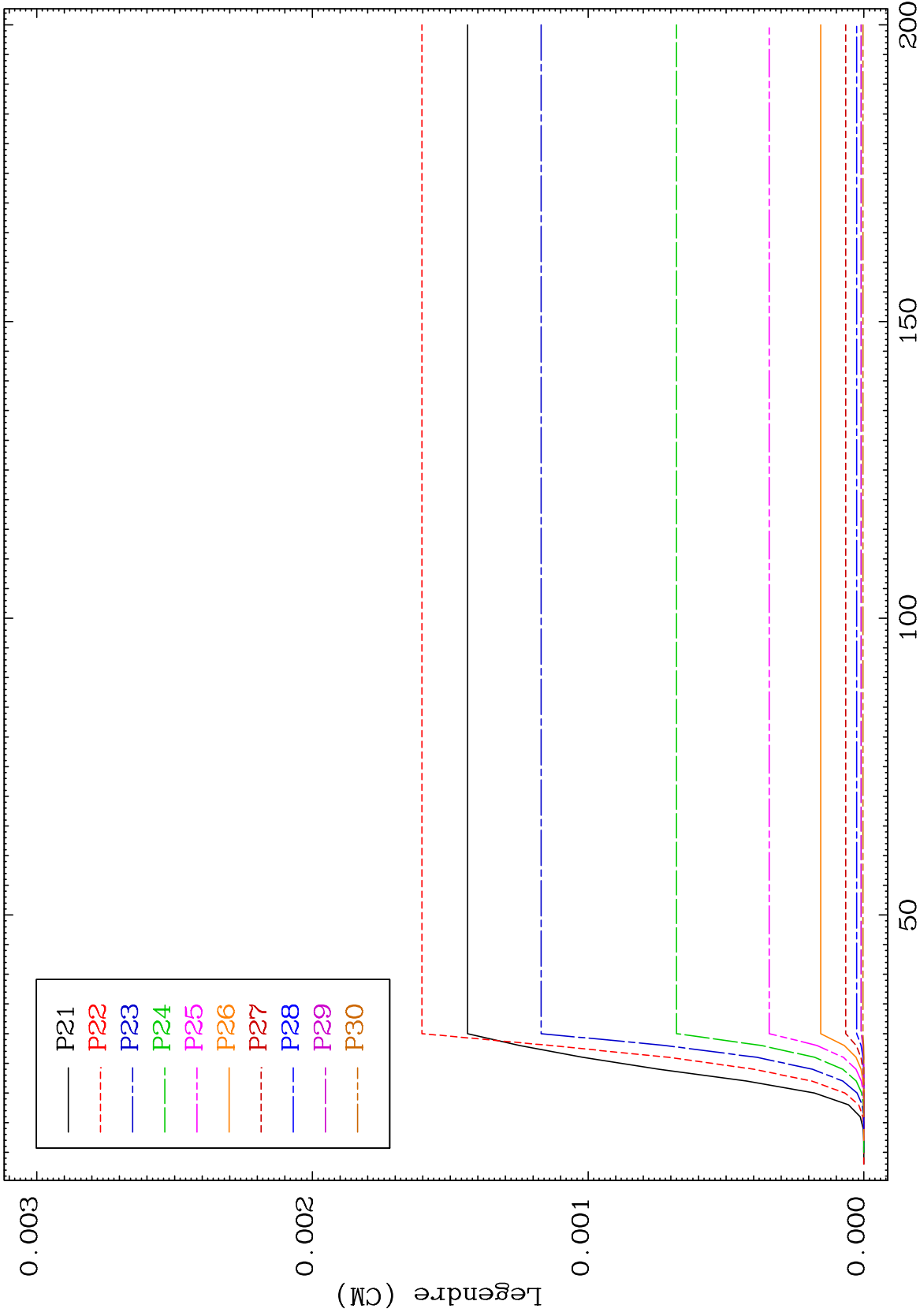
84-Po-206



MAT 8425

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

84-Po-206



52

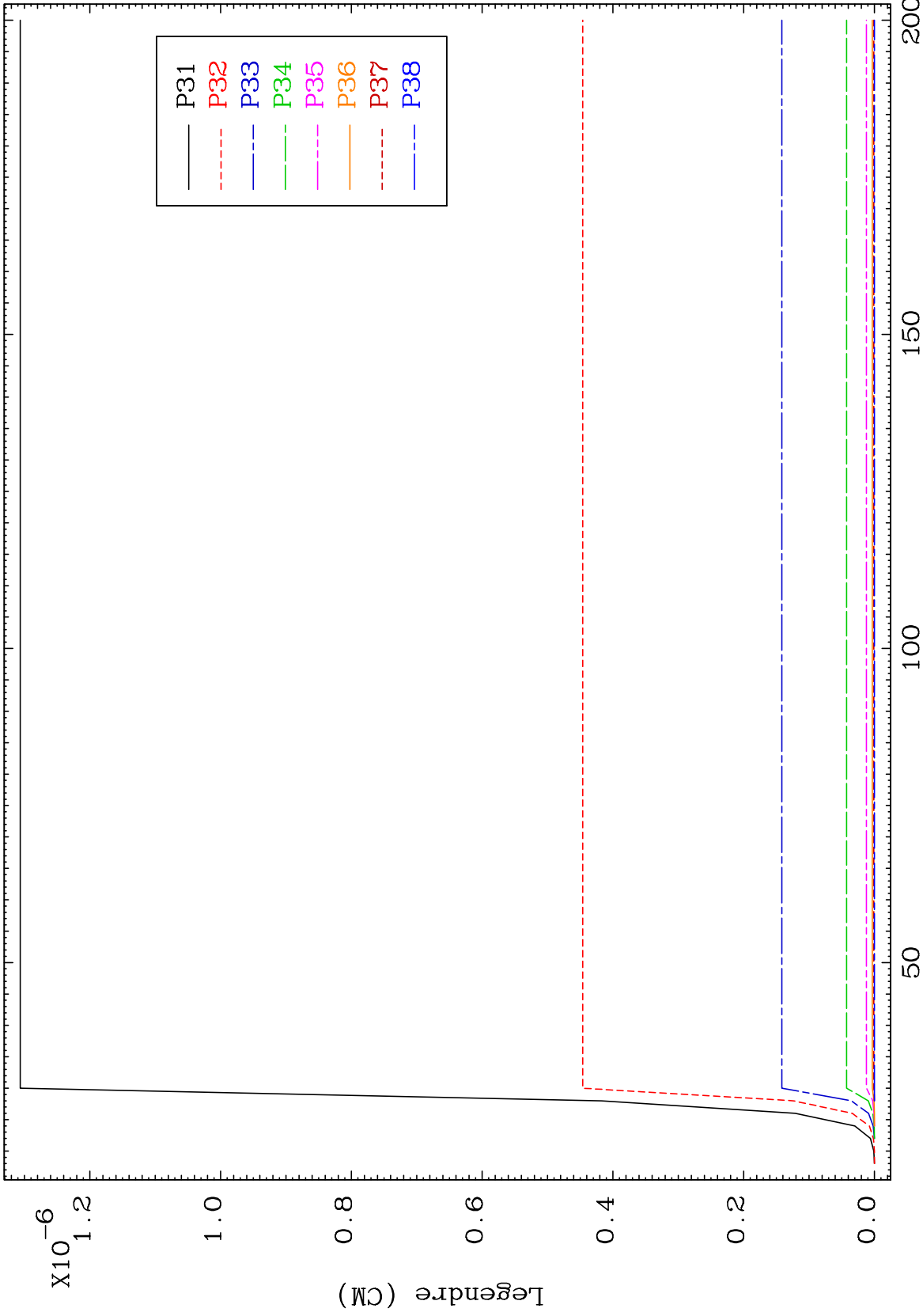
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206

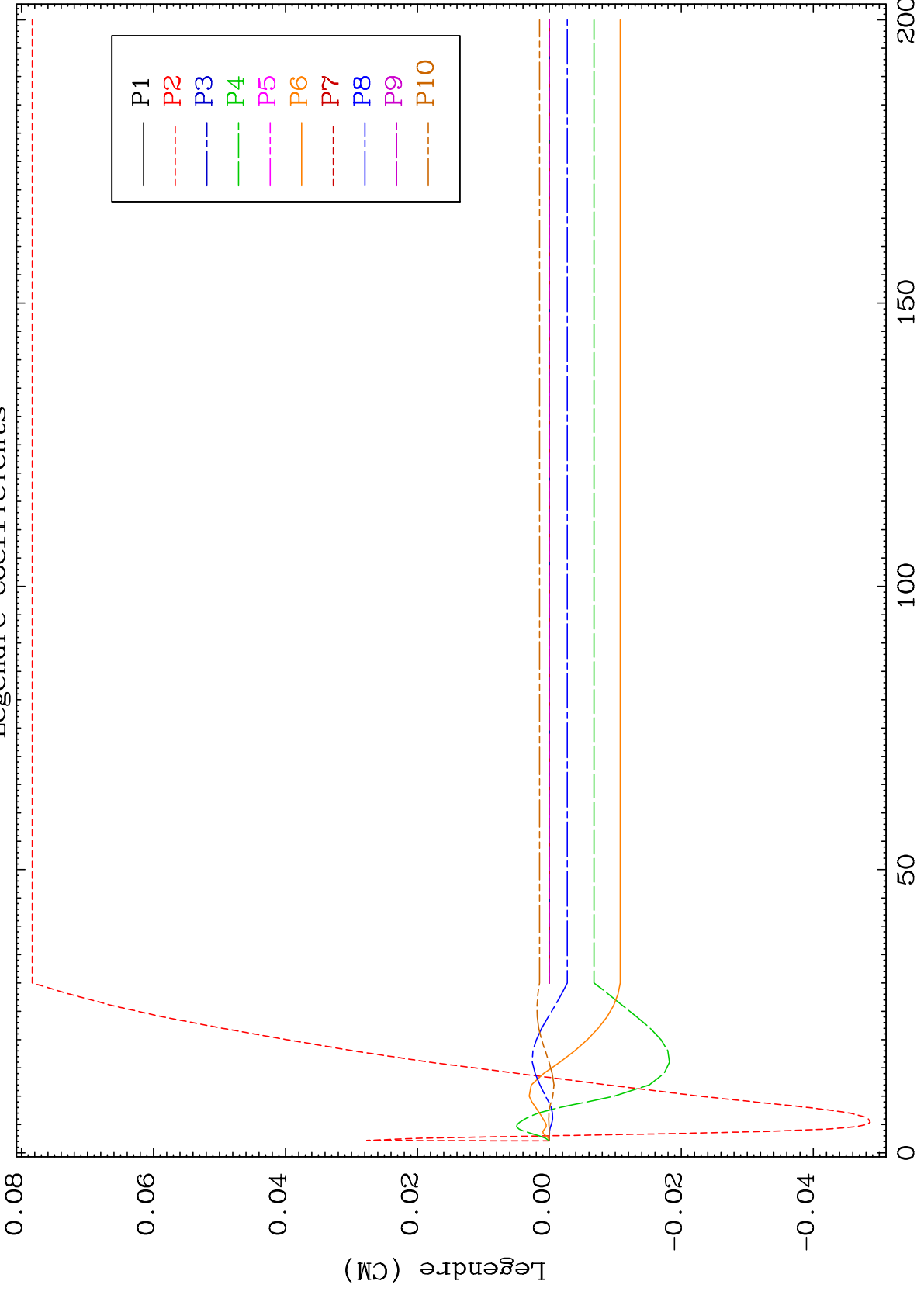


53

Incident Energy (MeV)

84-Po-206

MAT 8425 MT= 60 (n,n') Level Legendre Coefficients 84-Po-206

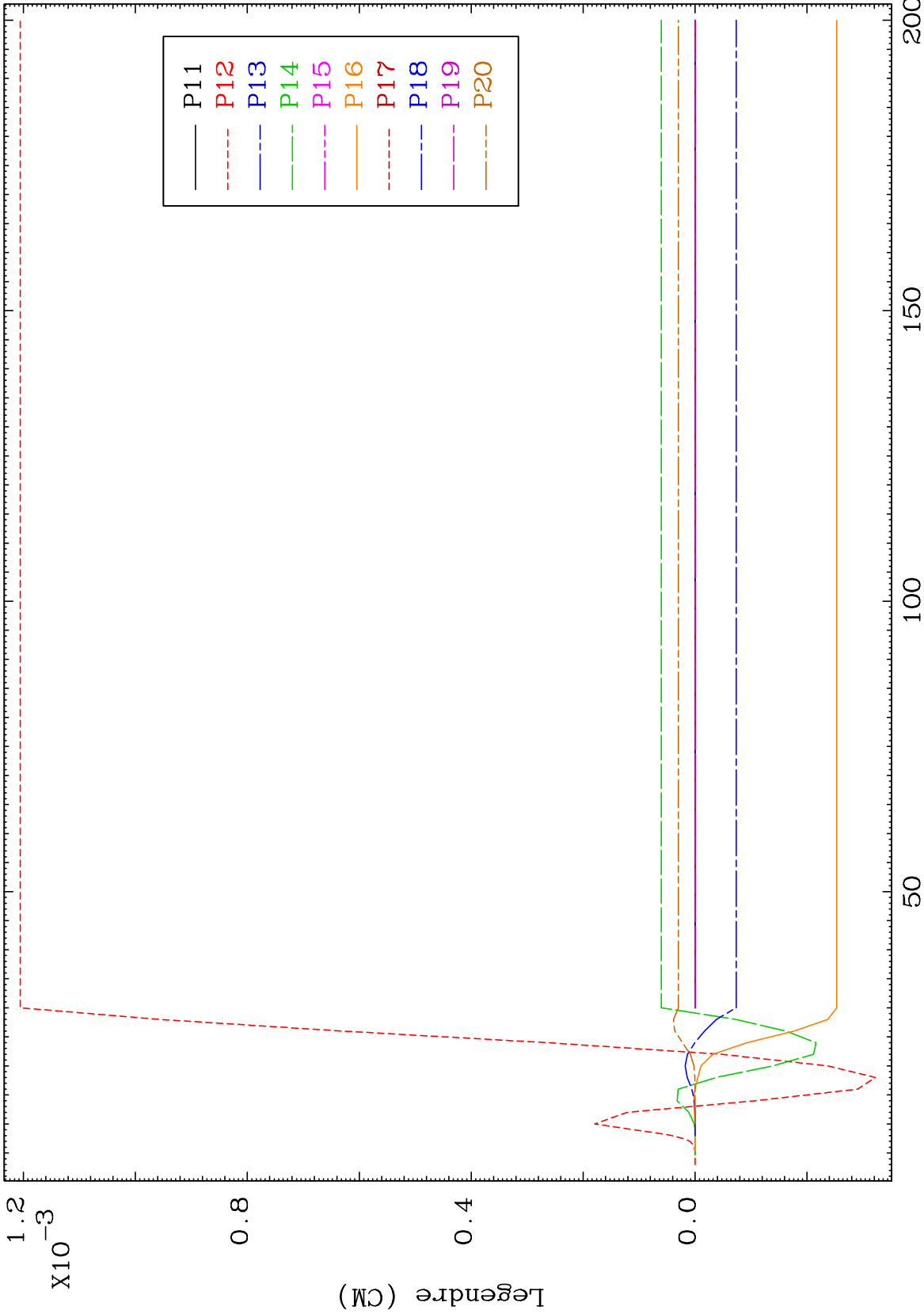


54 84-Po-206

MAT 8425

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

84-Po-206



55

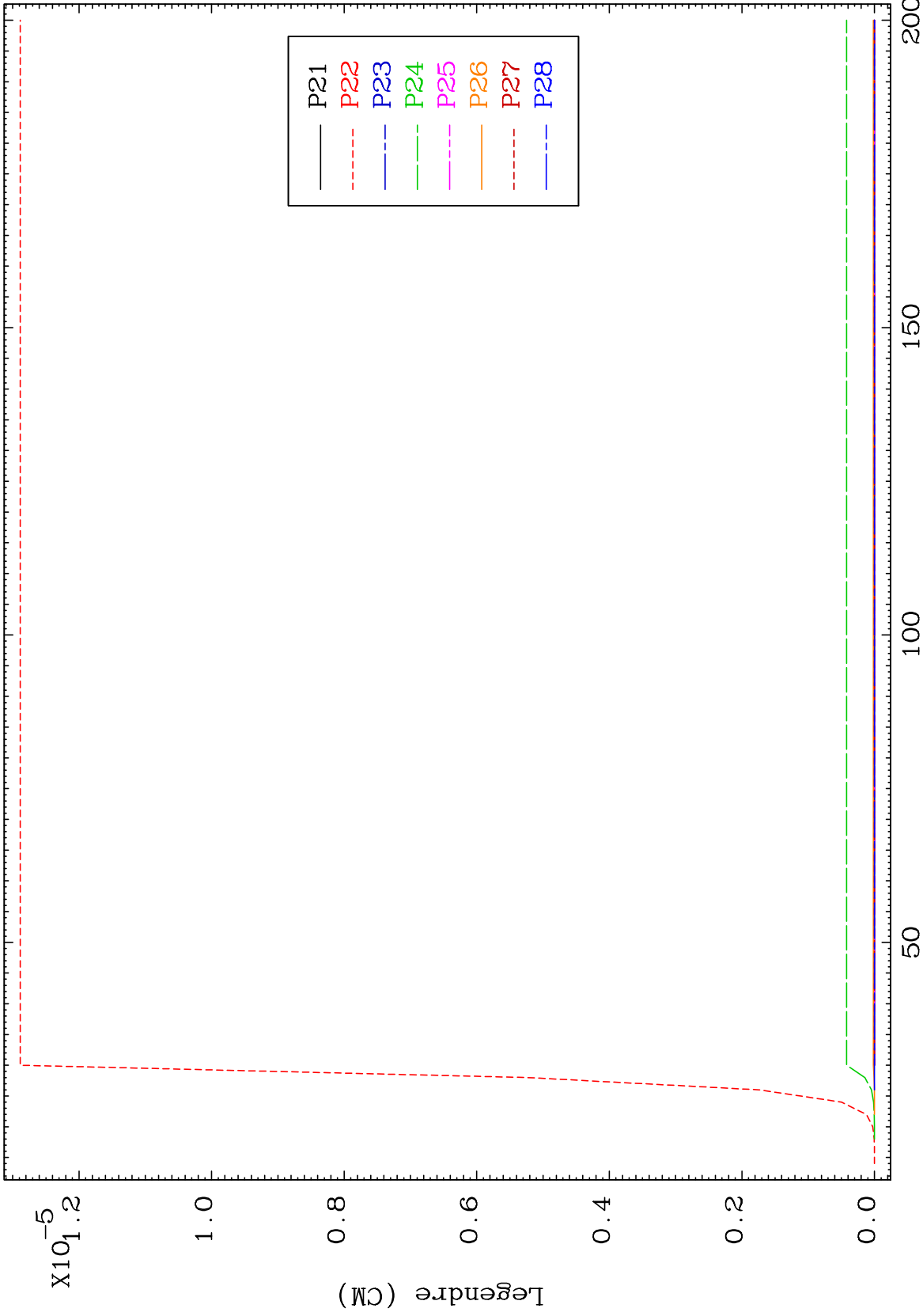
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



56

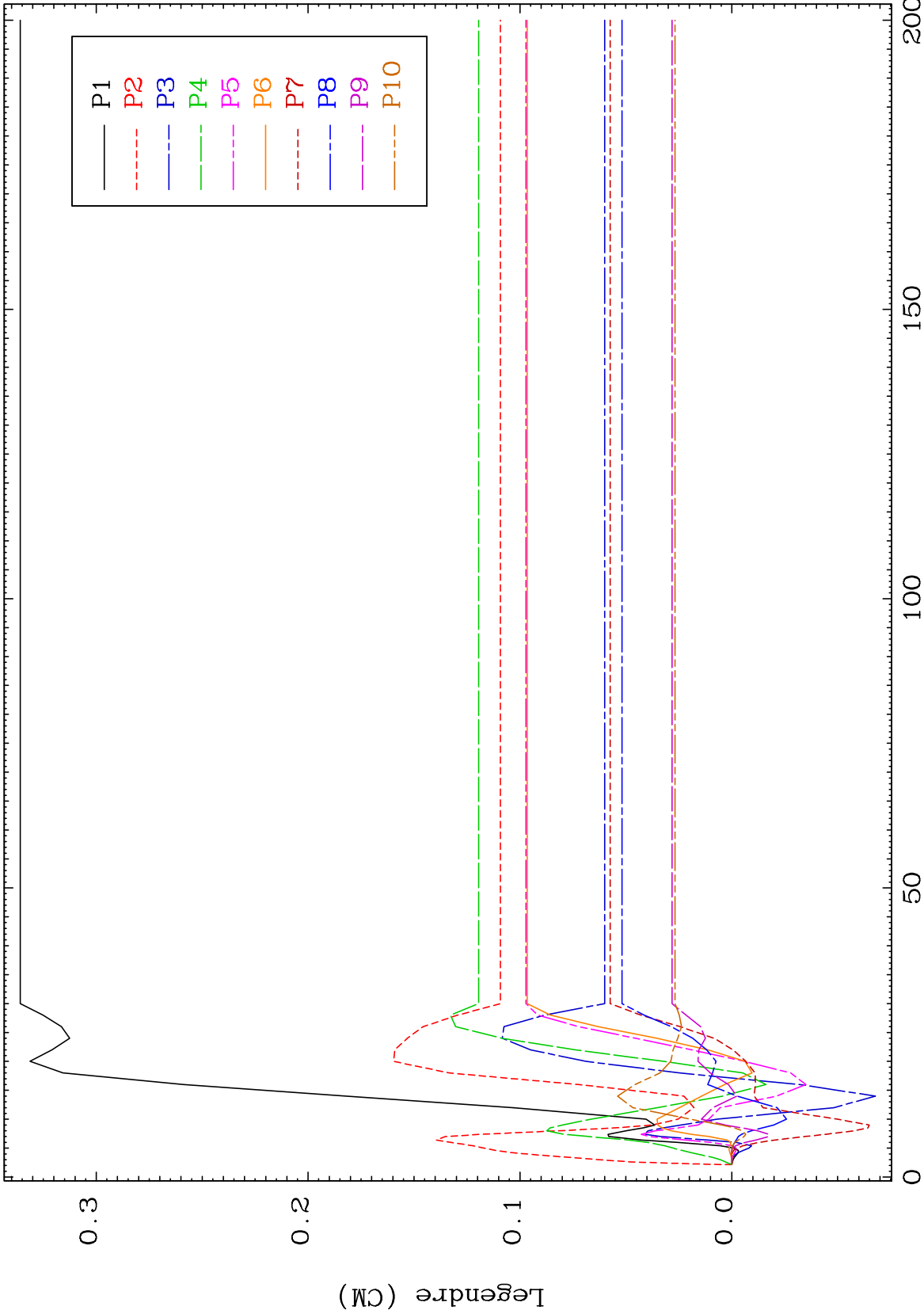
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



57

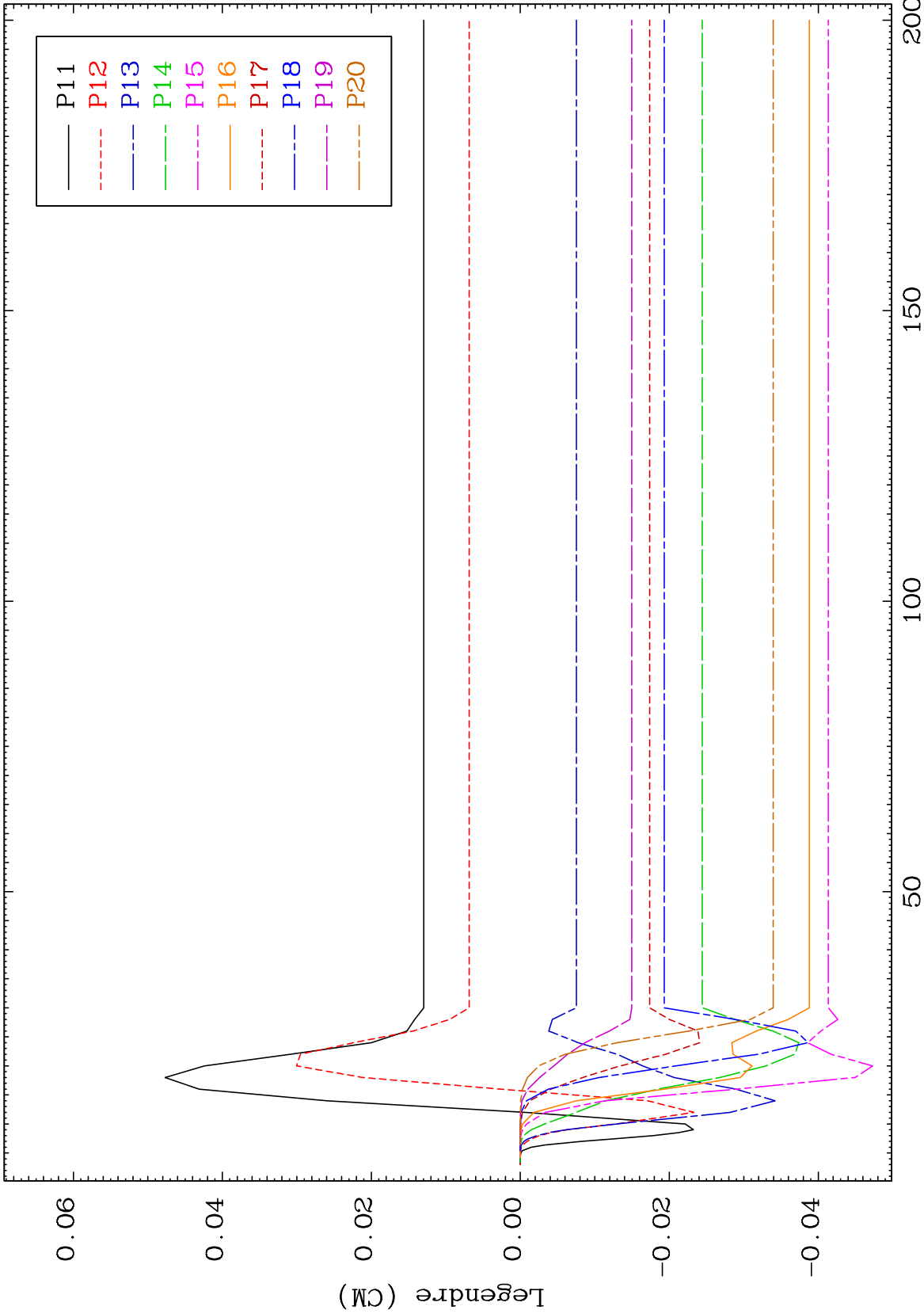
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



58

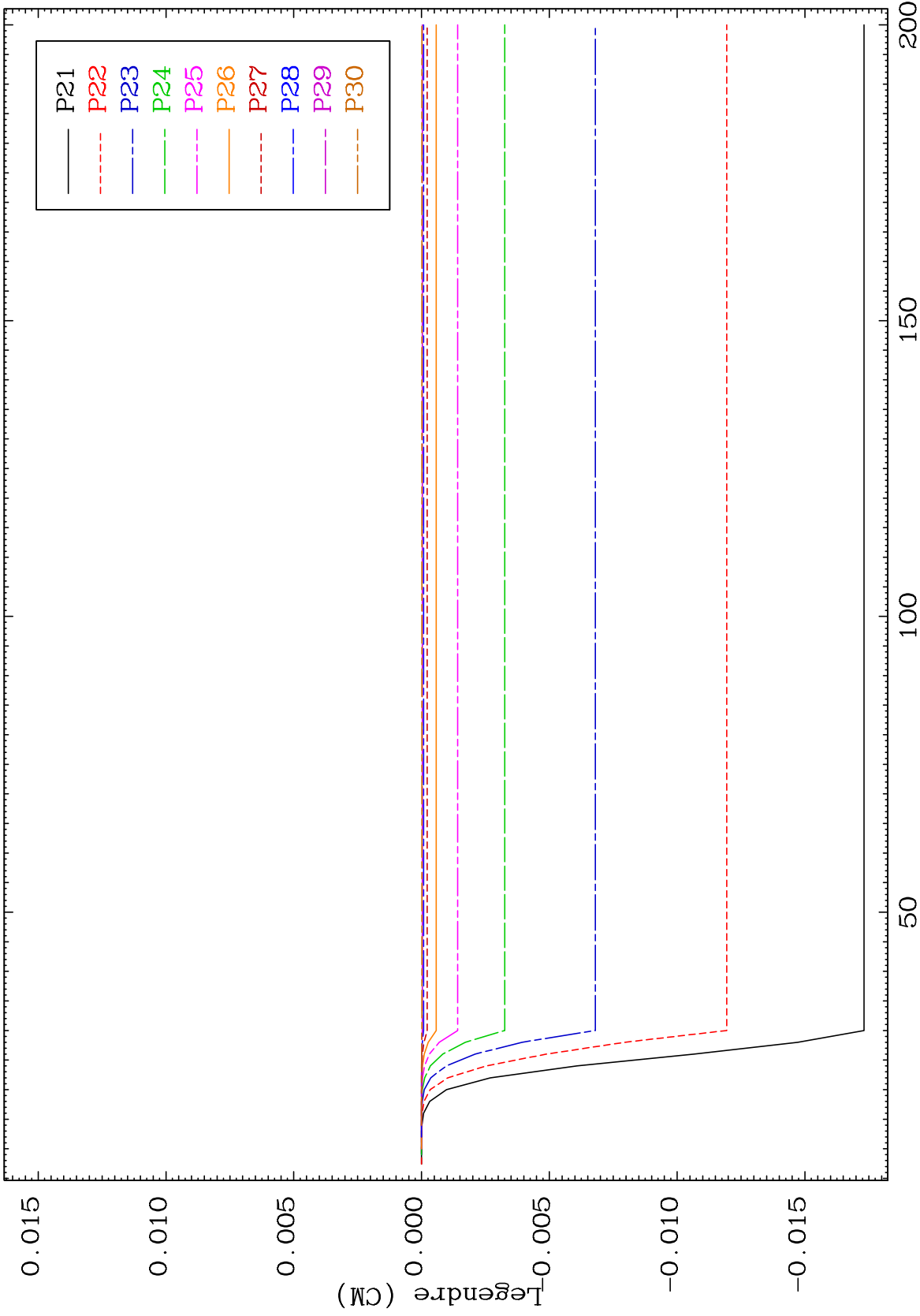
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



59

Incident Energy (MeV)

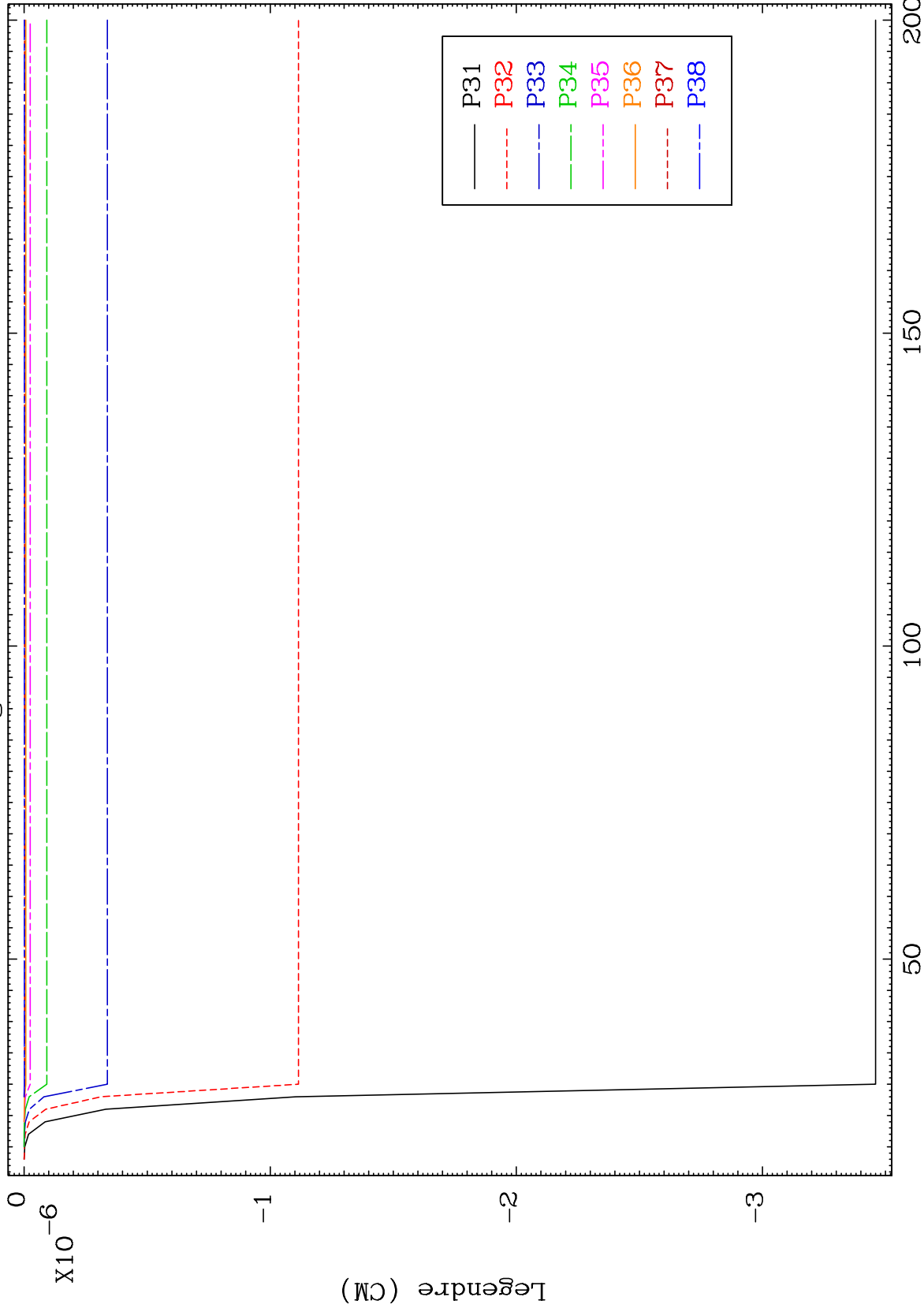
84-Po-206

MAT 8425

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

84-Po-206

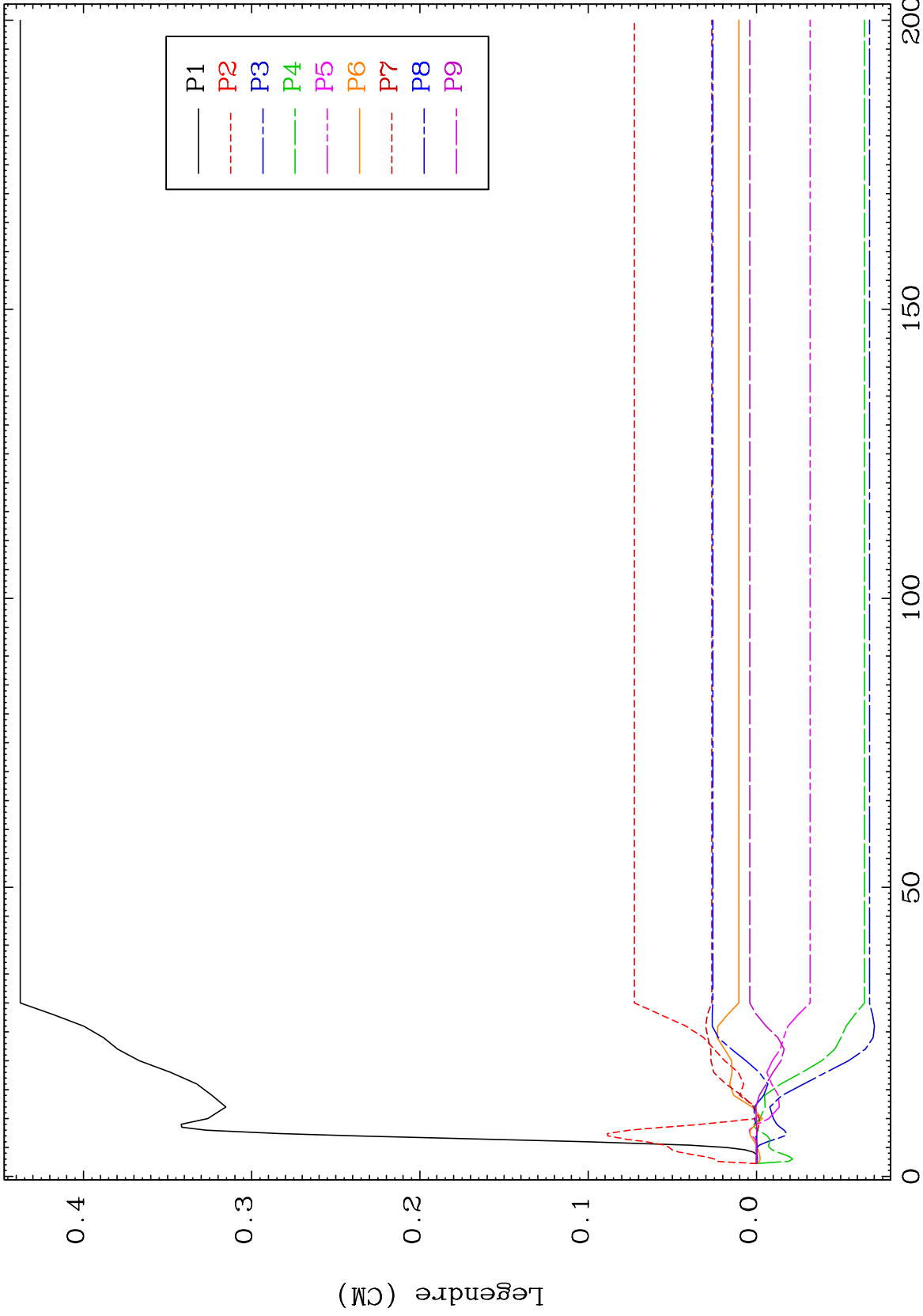
84-Po-206



MAT 8425

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

84-Po-206



61

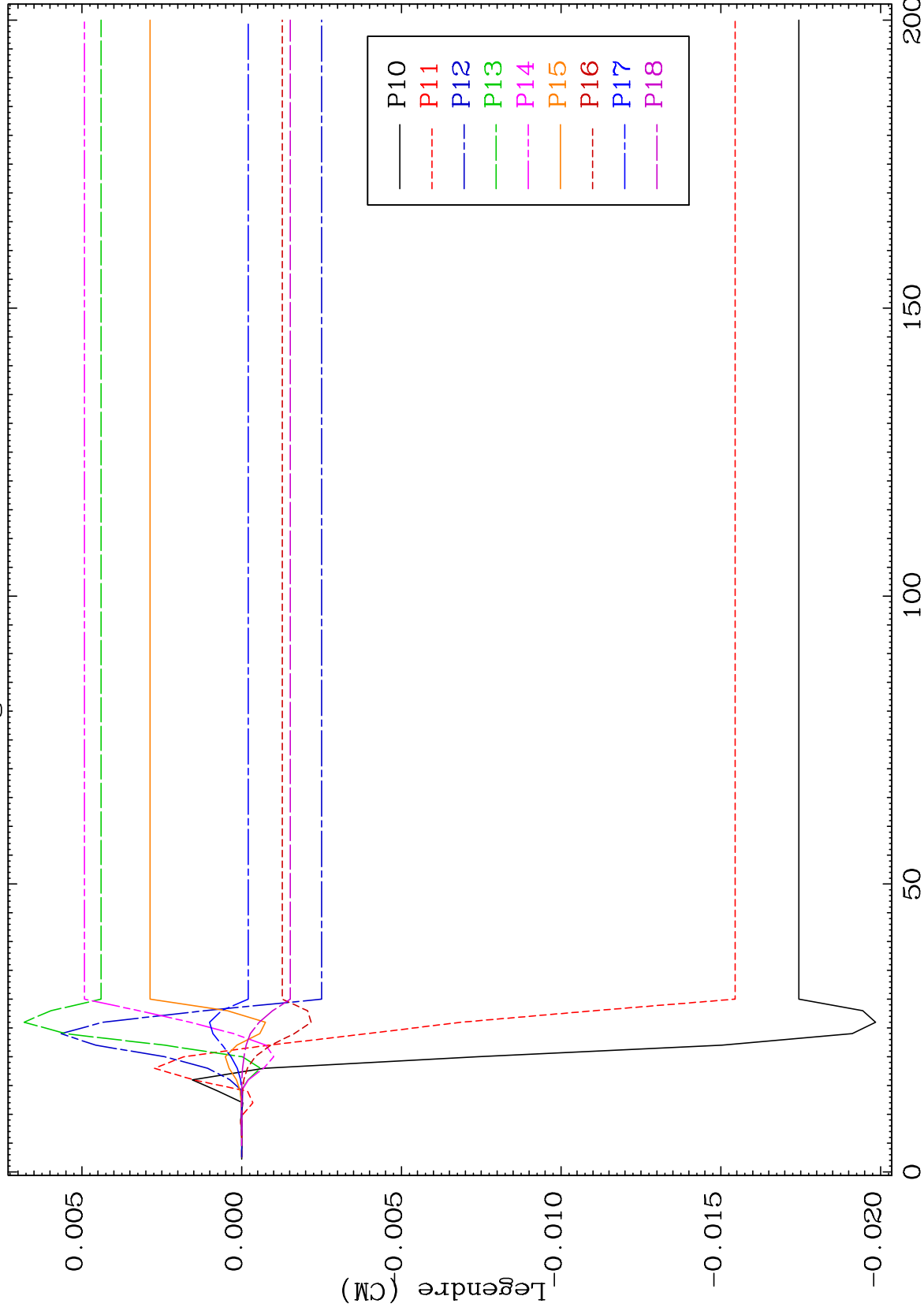
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



62

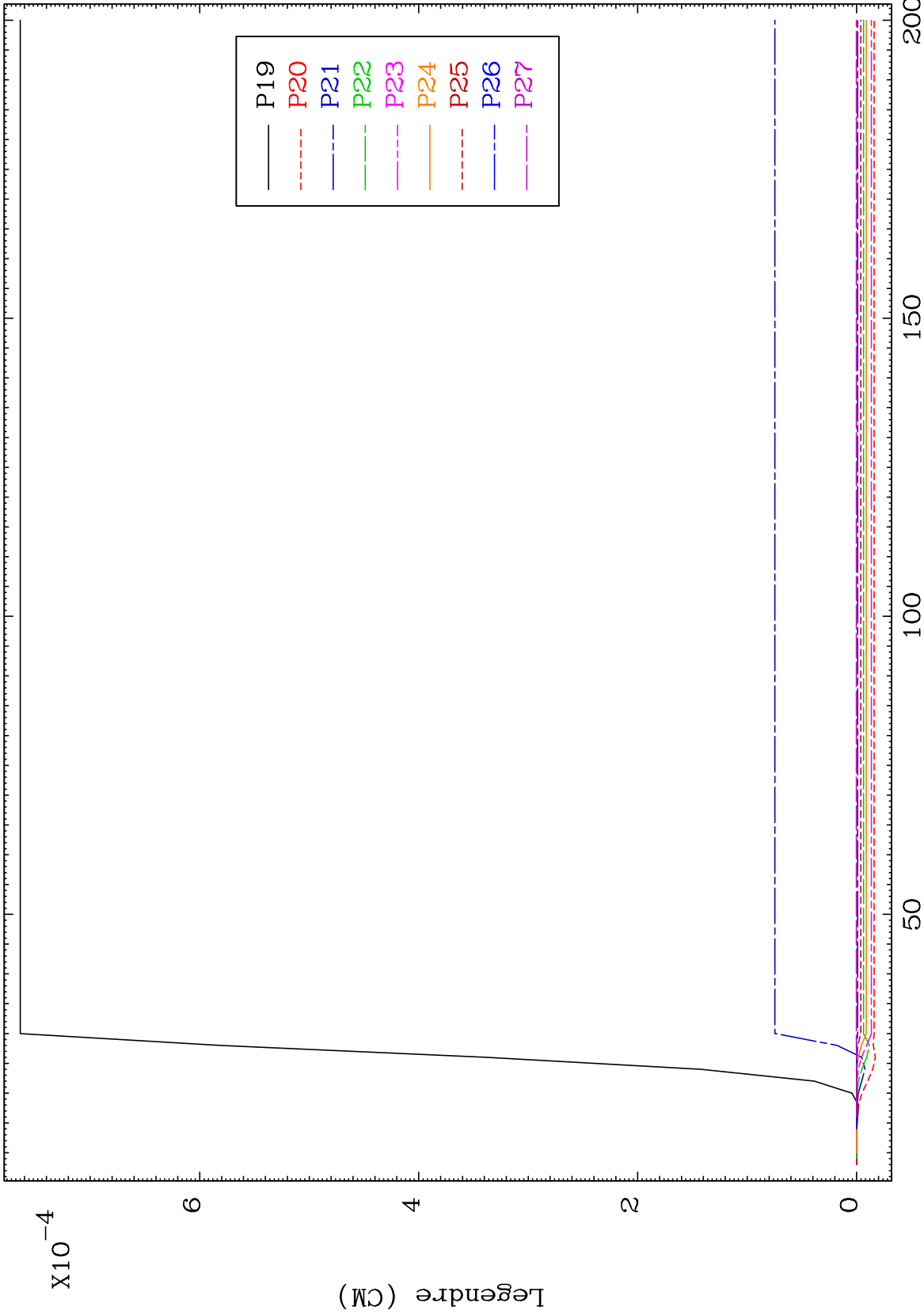
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



63

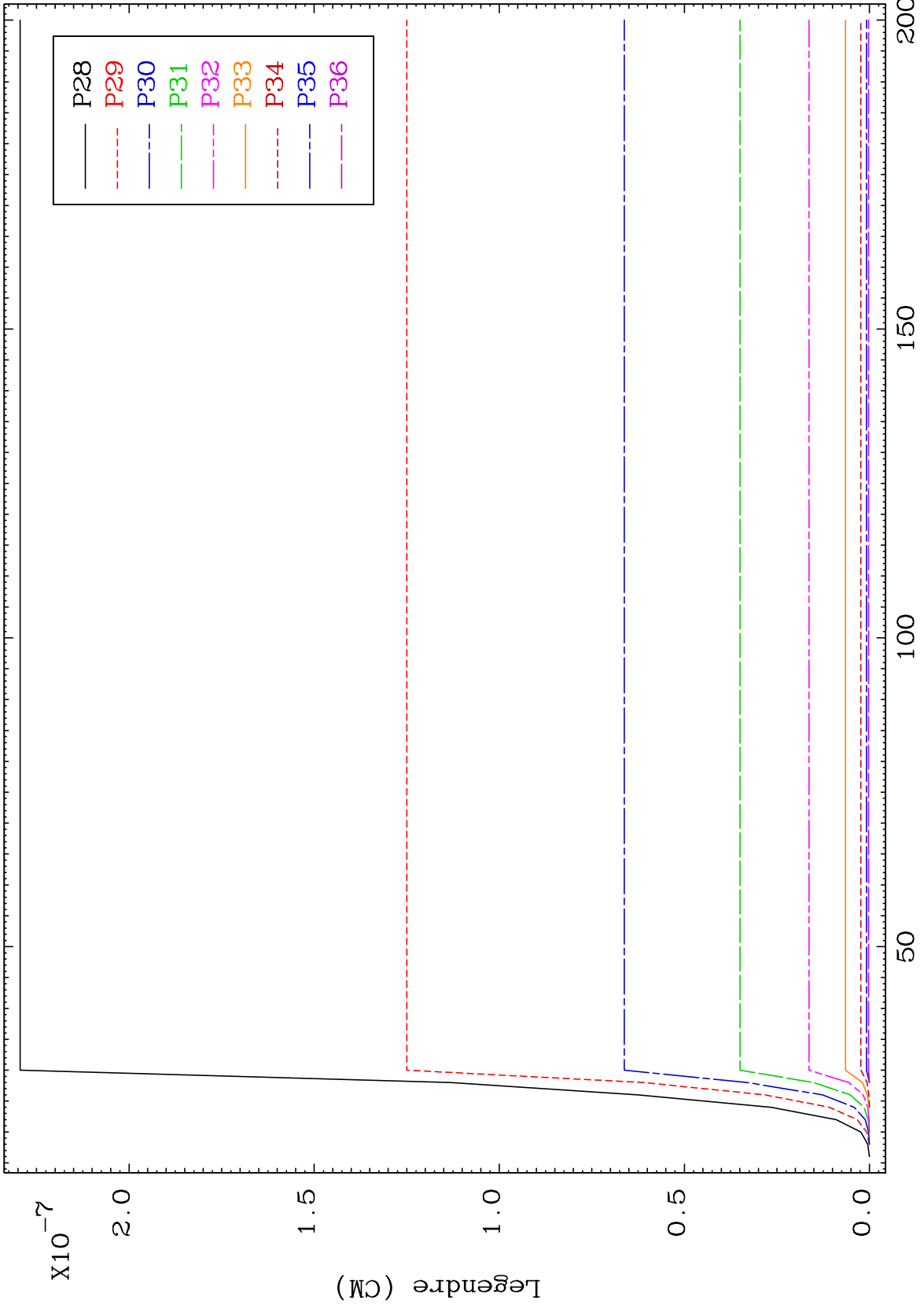
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



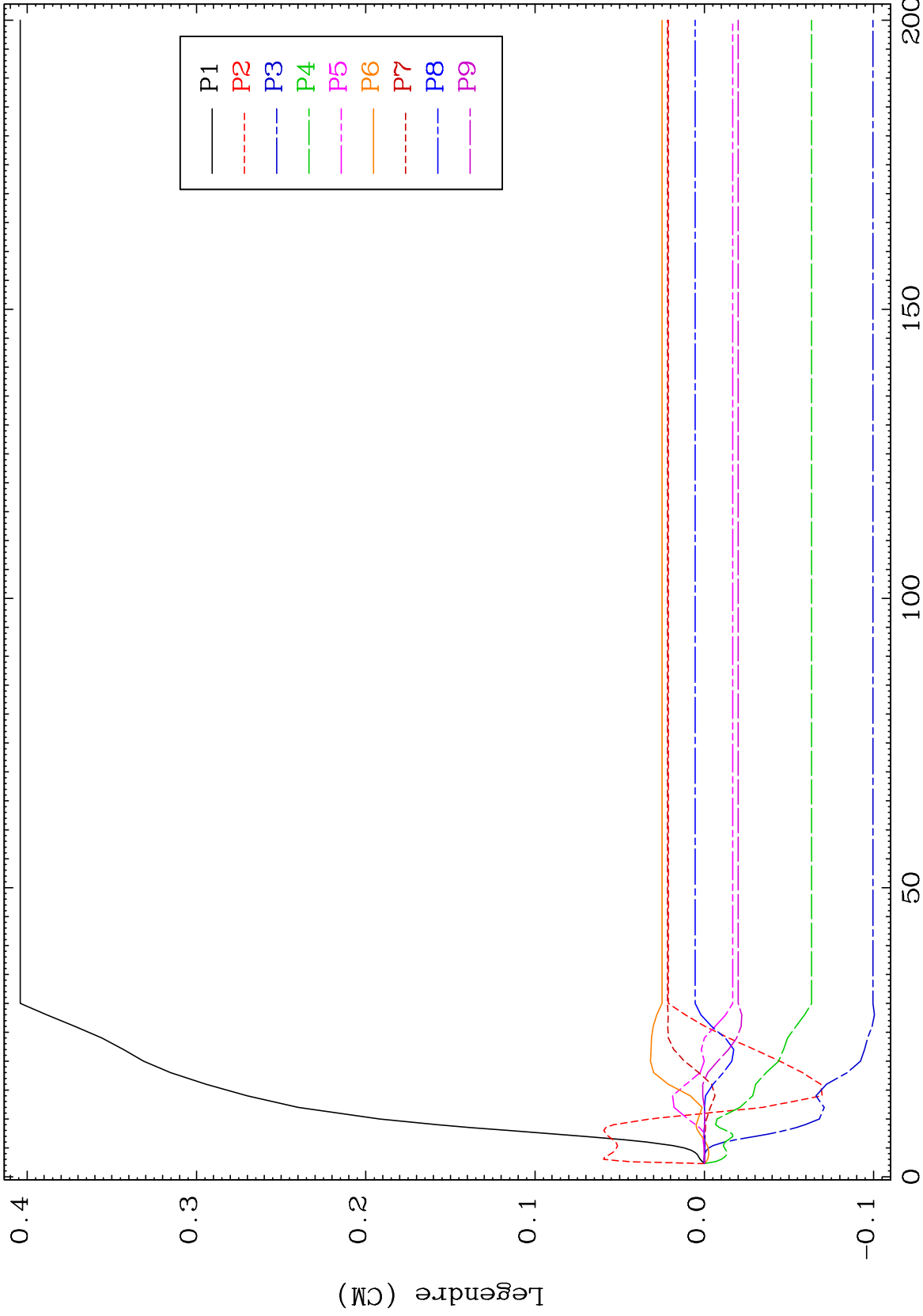
64

84-Po-206

MAT 8425

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

84-Po-206



65

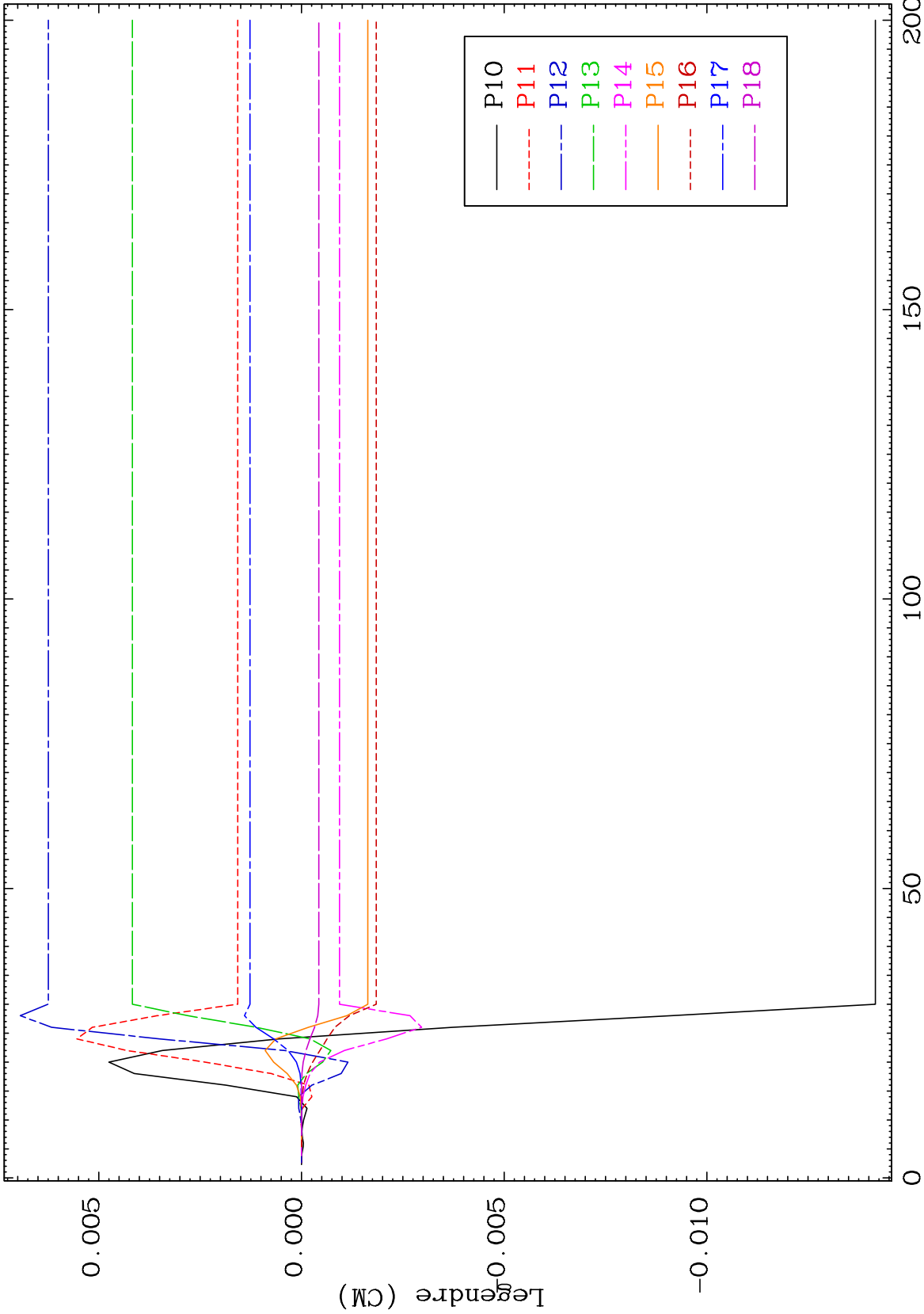
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



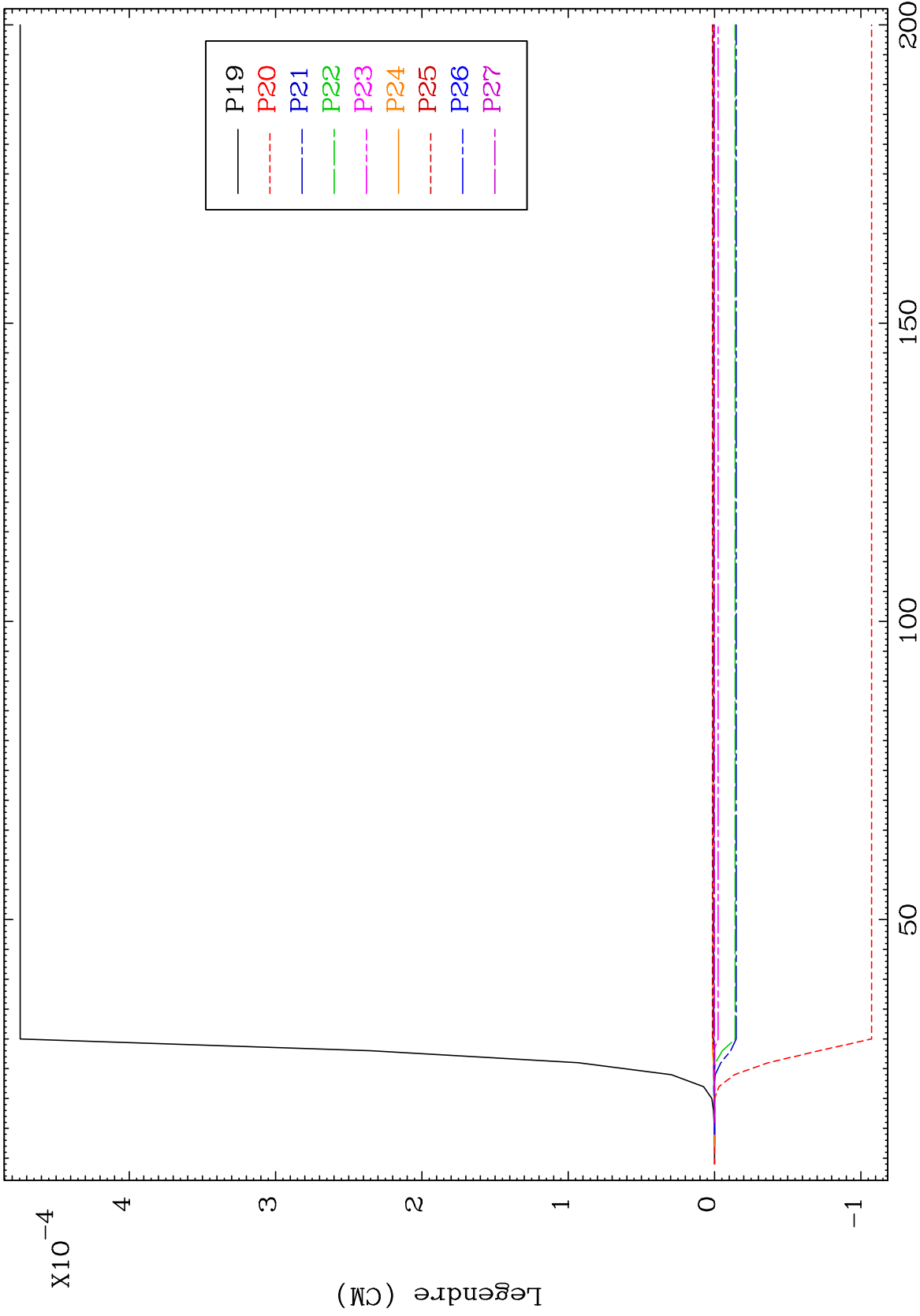
66

84-Po-206

MAT 8425

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

84-Po-206



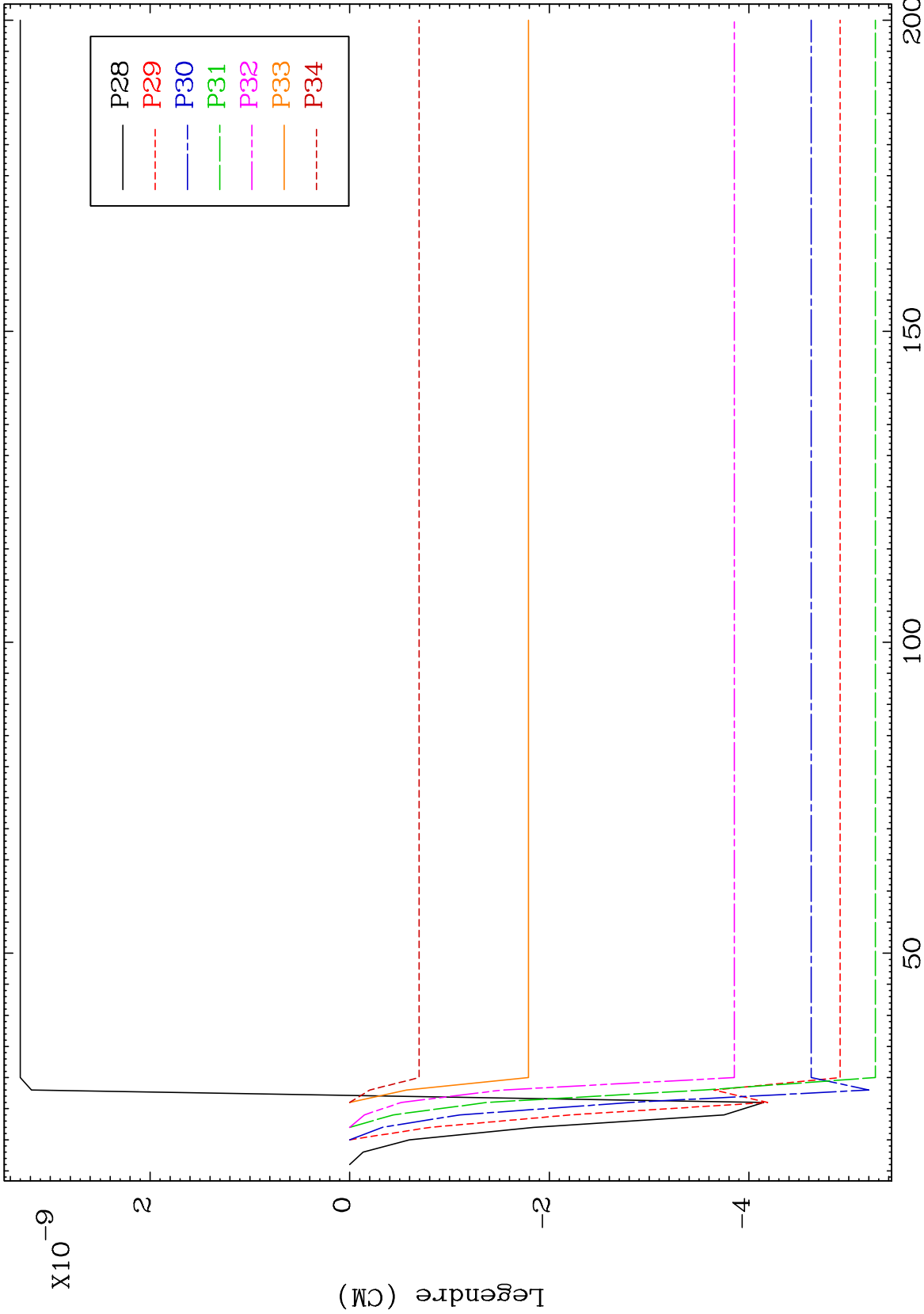
67

84-Po-206

MAT 8425

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

84-Po-206



68

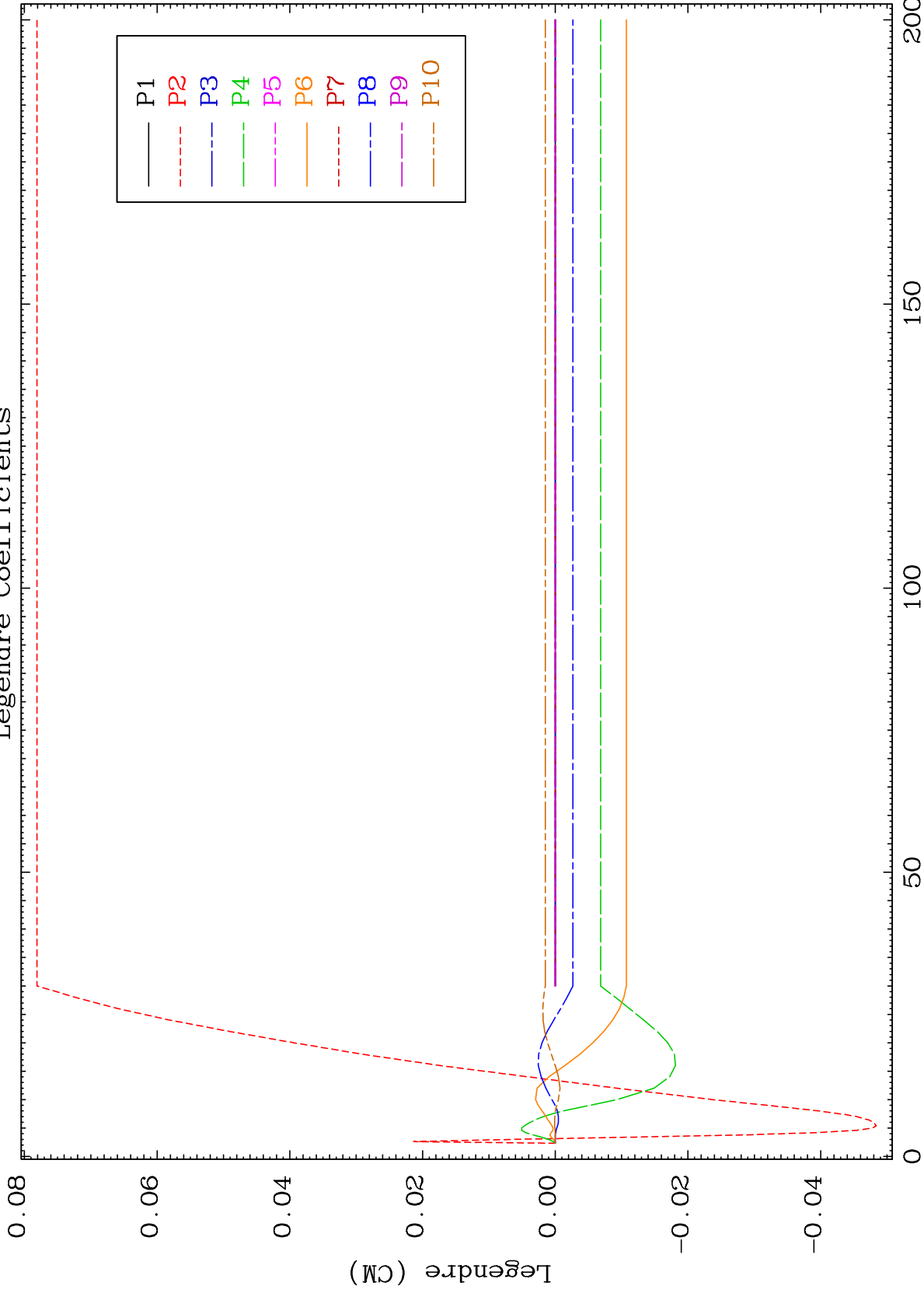
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



69

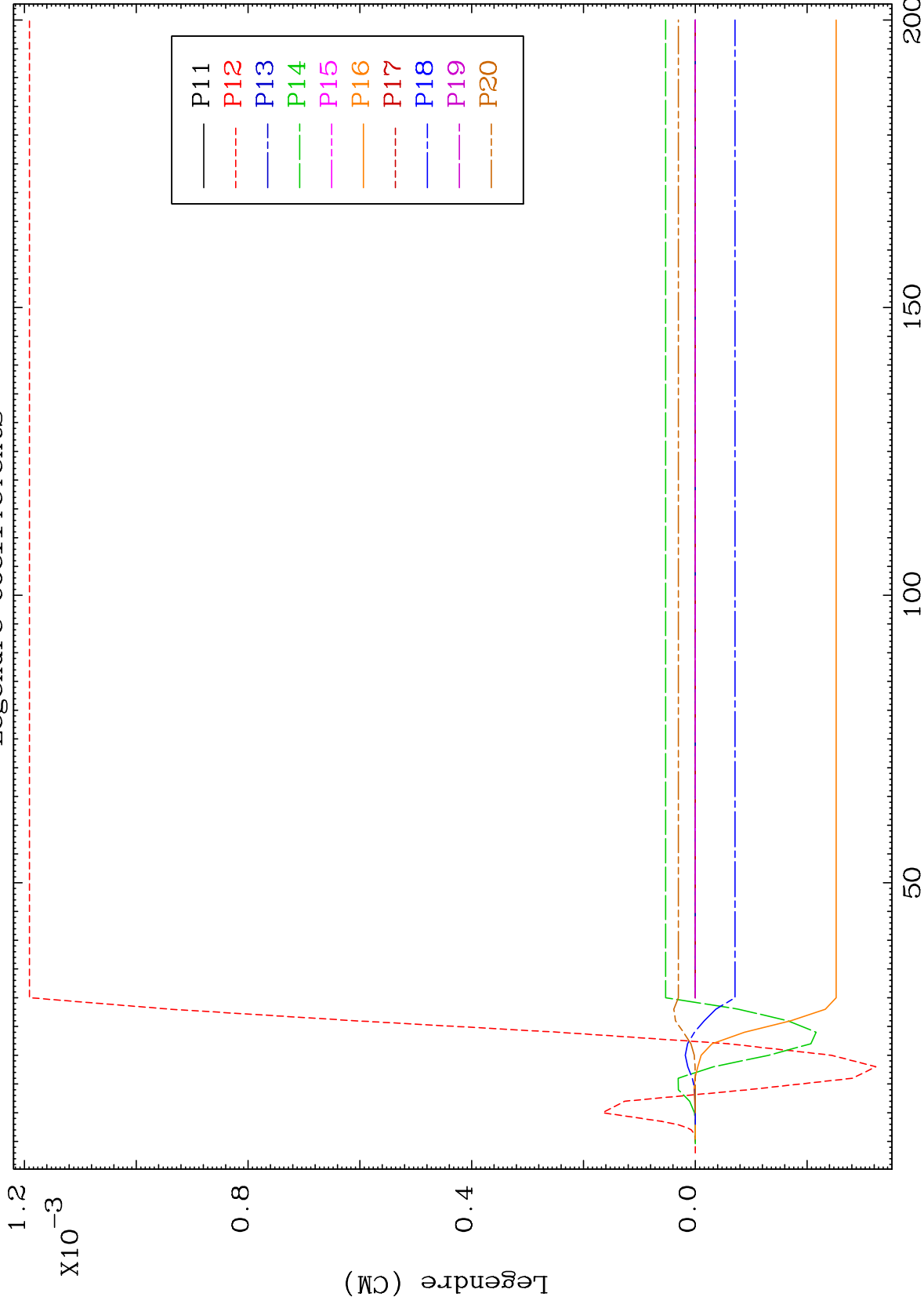
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



70

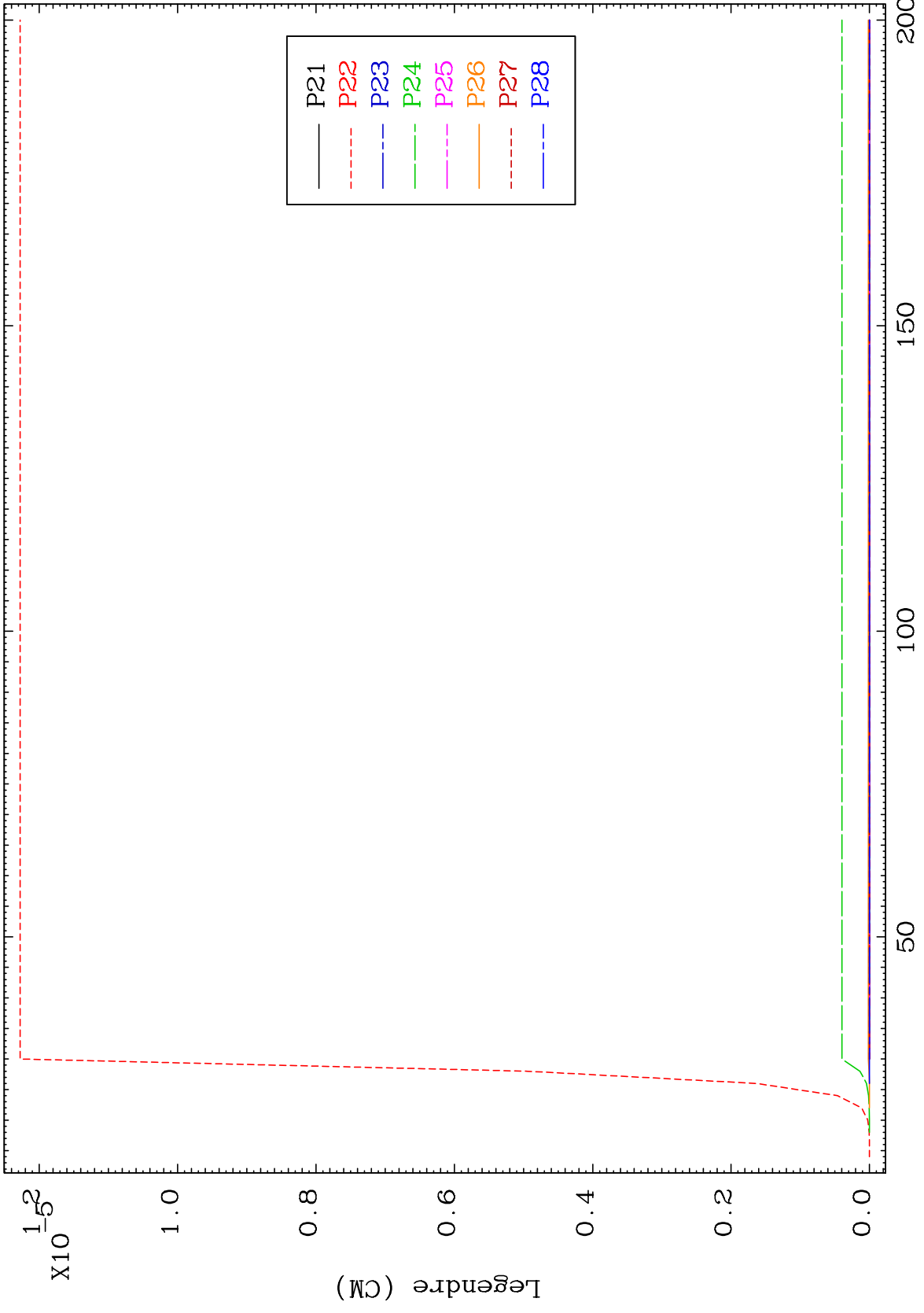
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



71

Incident Energy (MeV)

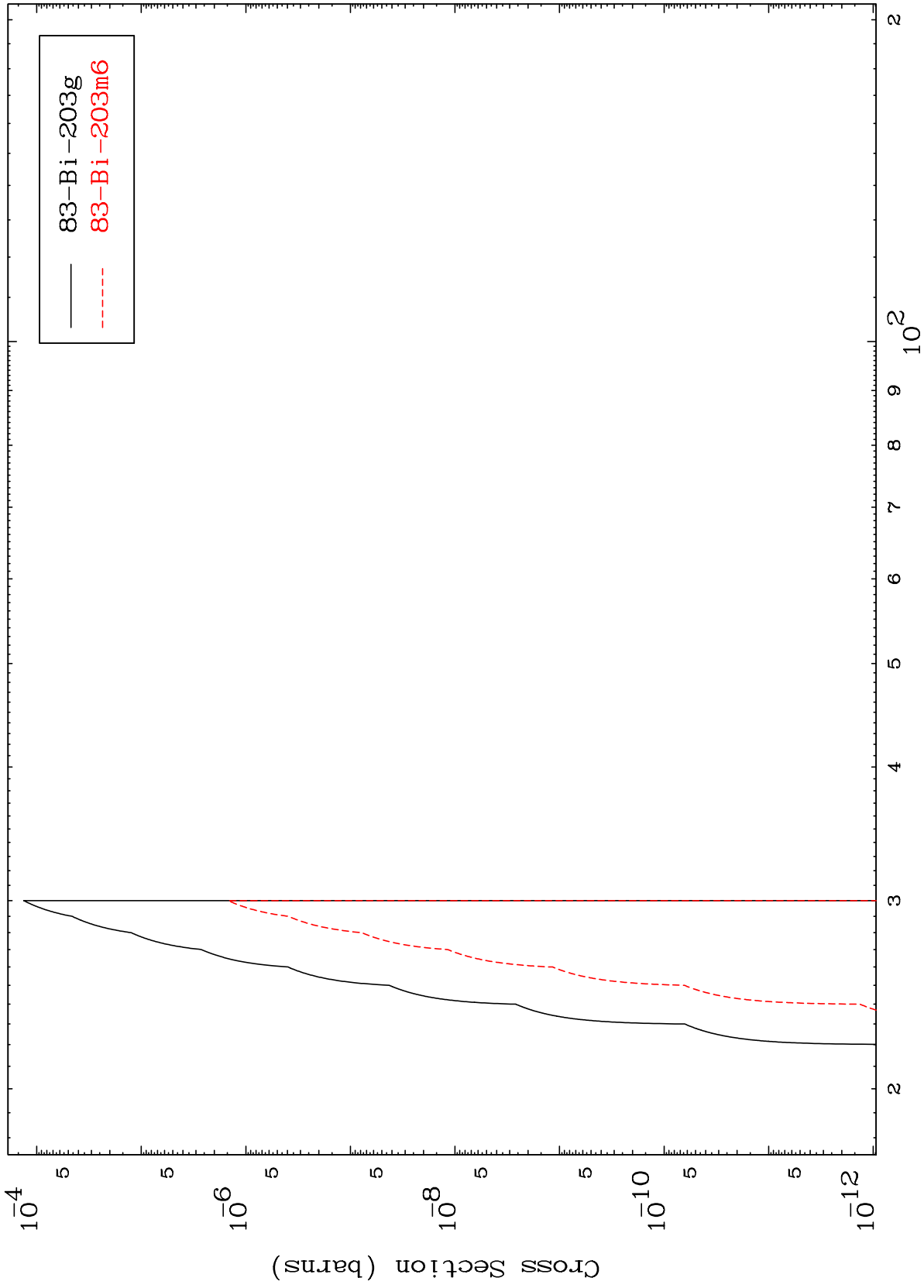
84-Po-206

MAT 8425

(n,2n) d

84-Po-206

Radionuclide Production Cross Section



72

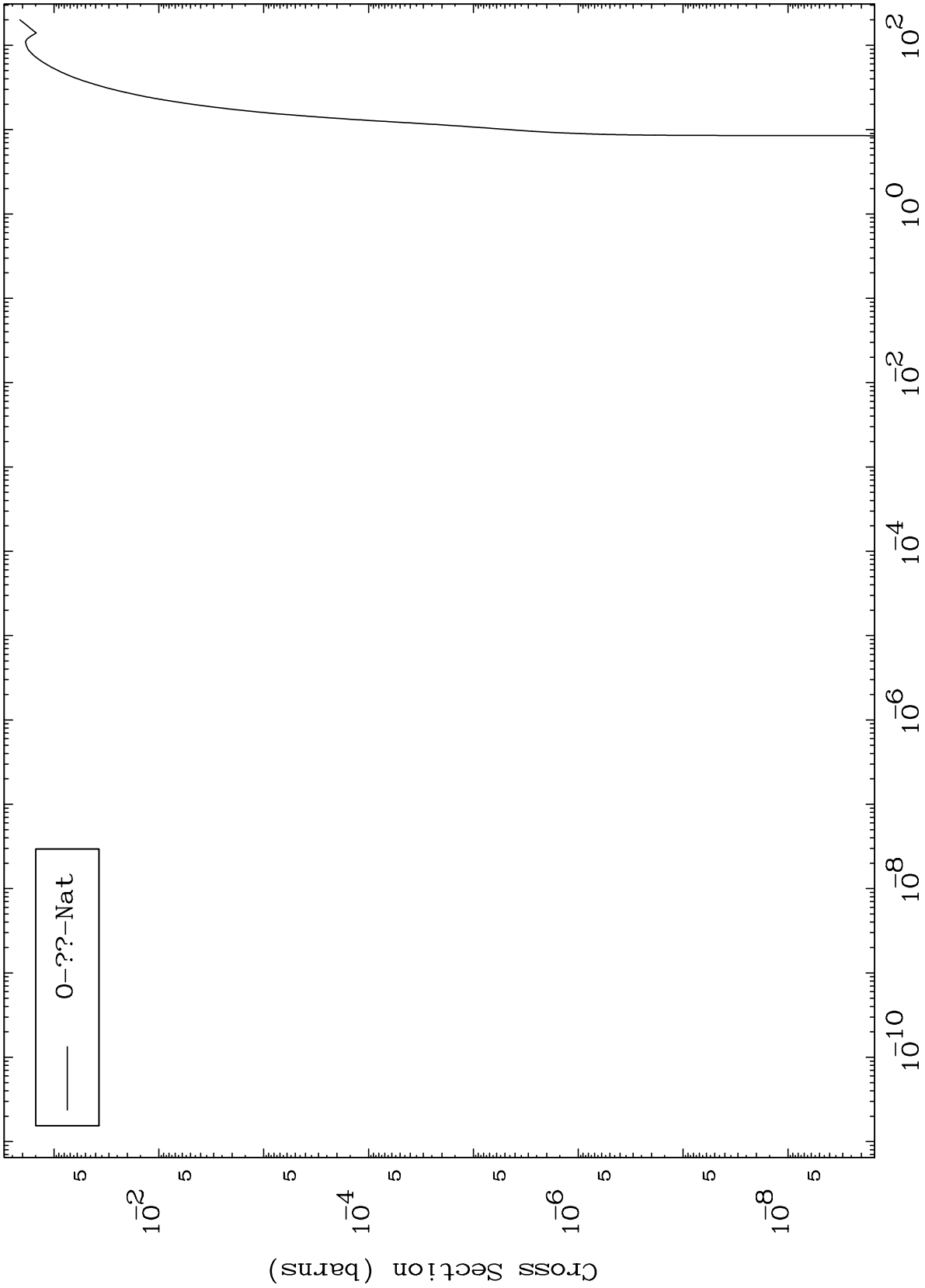
Incident Energy (MeV)

84-Po-206

MAT 8425

Fission
Radionuclide Production Cross Section

84-Po-206



73

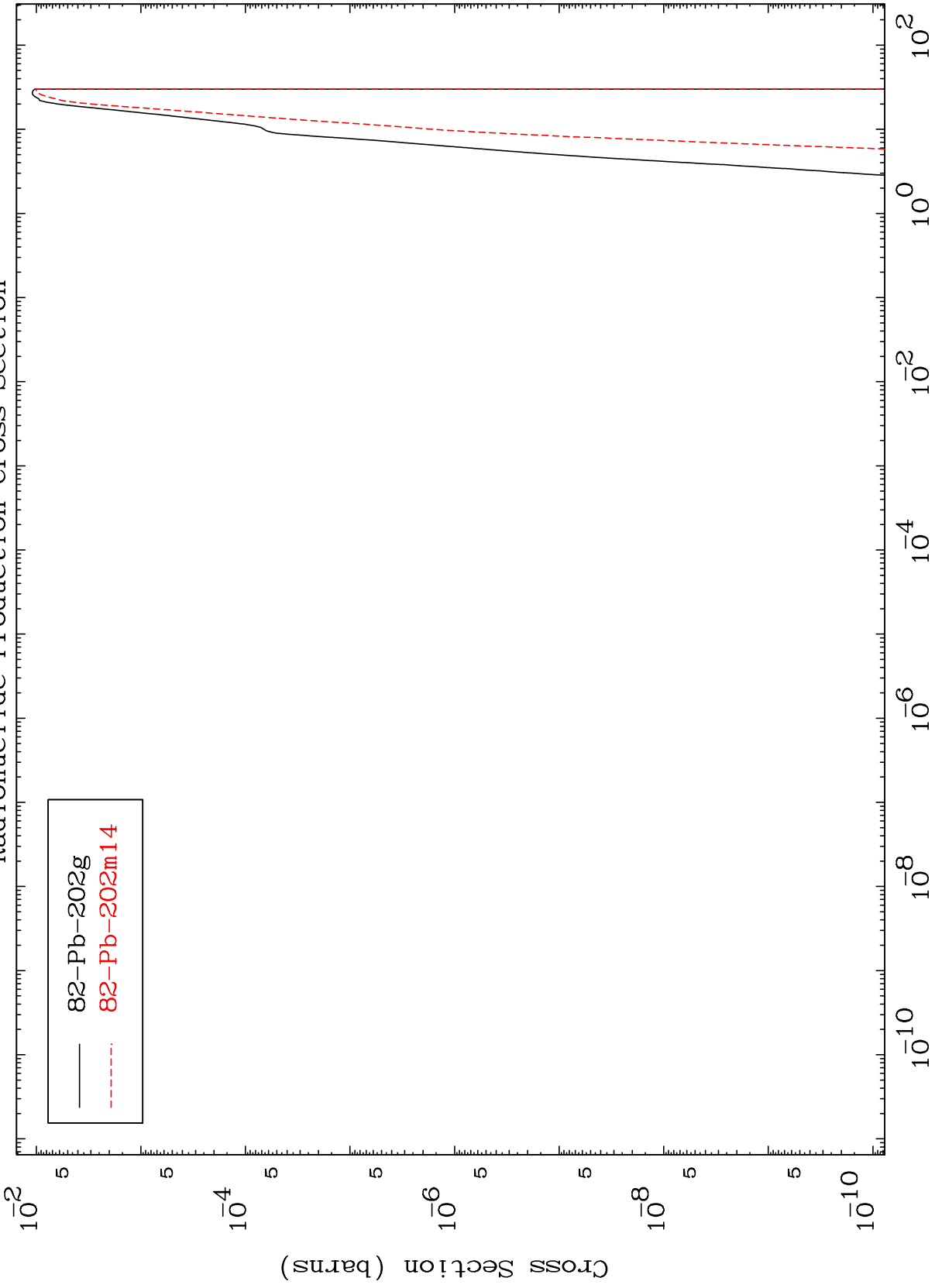
84-Po-206

MAT 8425

(n,n') α

84-Po-206

Radionuclide Production Cross Section



82-Pb-202g
82-Pb-202m14

74

Incident Energy (MeV)

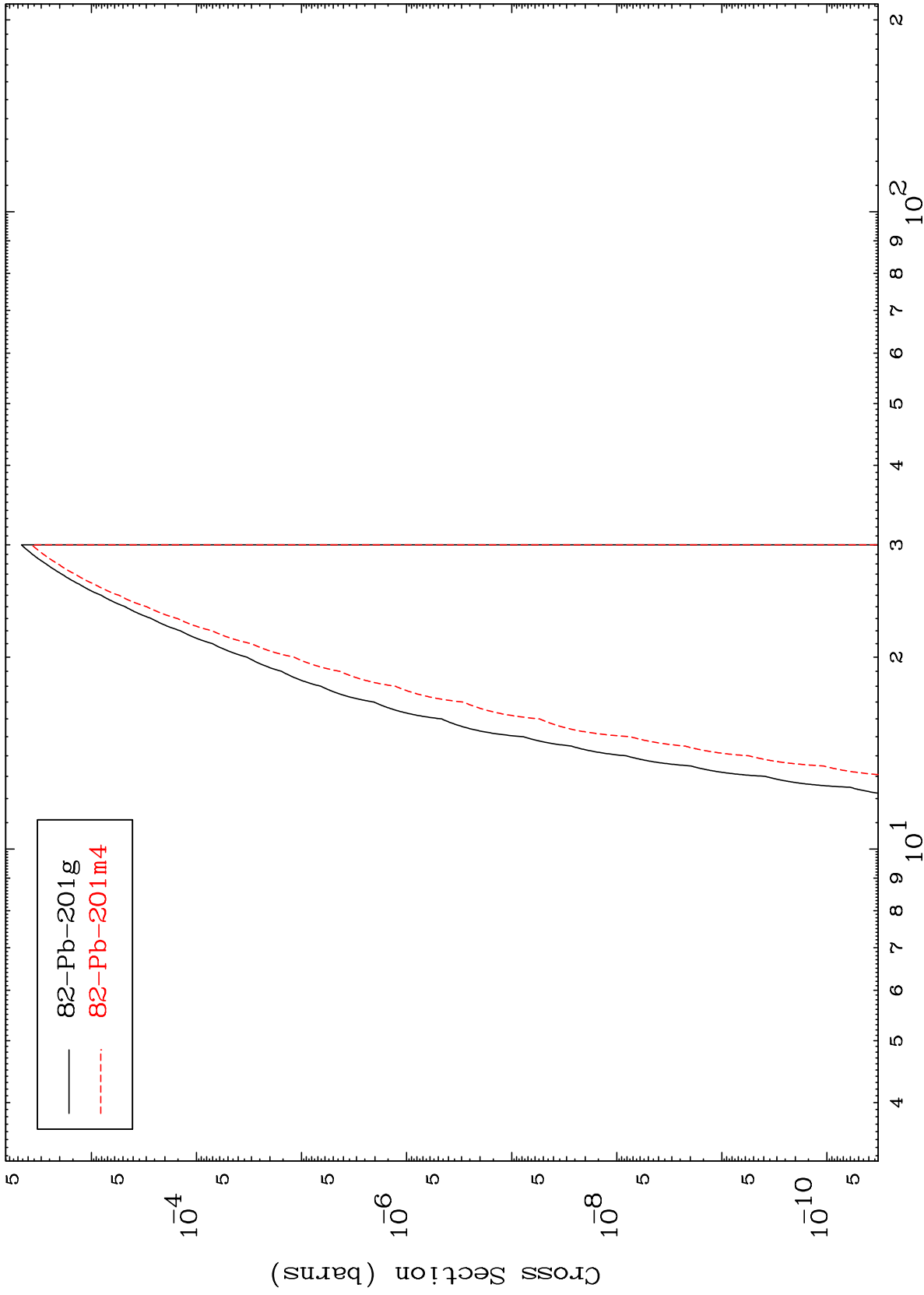
84-Po-206

MAT 8425

(n,2n) α

84-Po-206

Radionuclide Production Cross Section



75

Incident Energy (MeV)

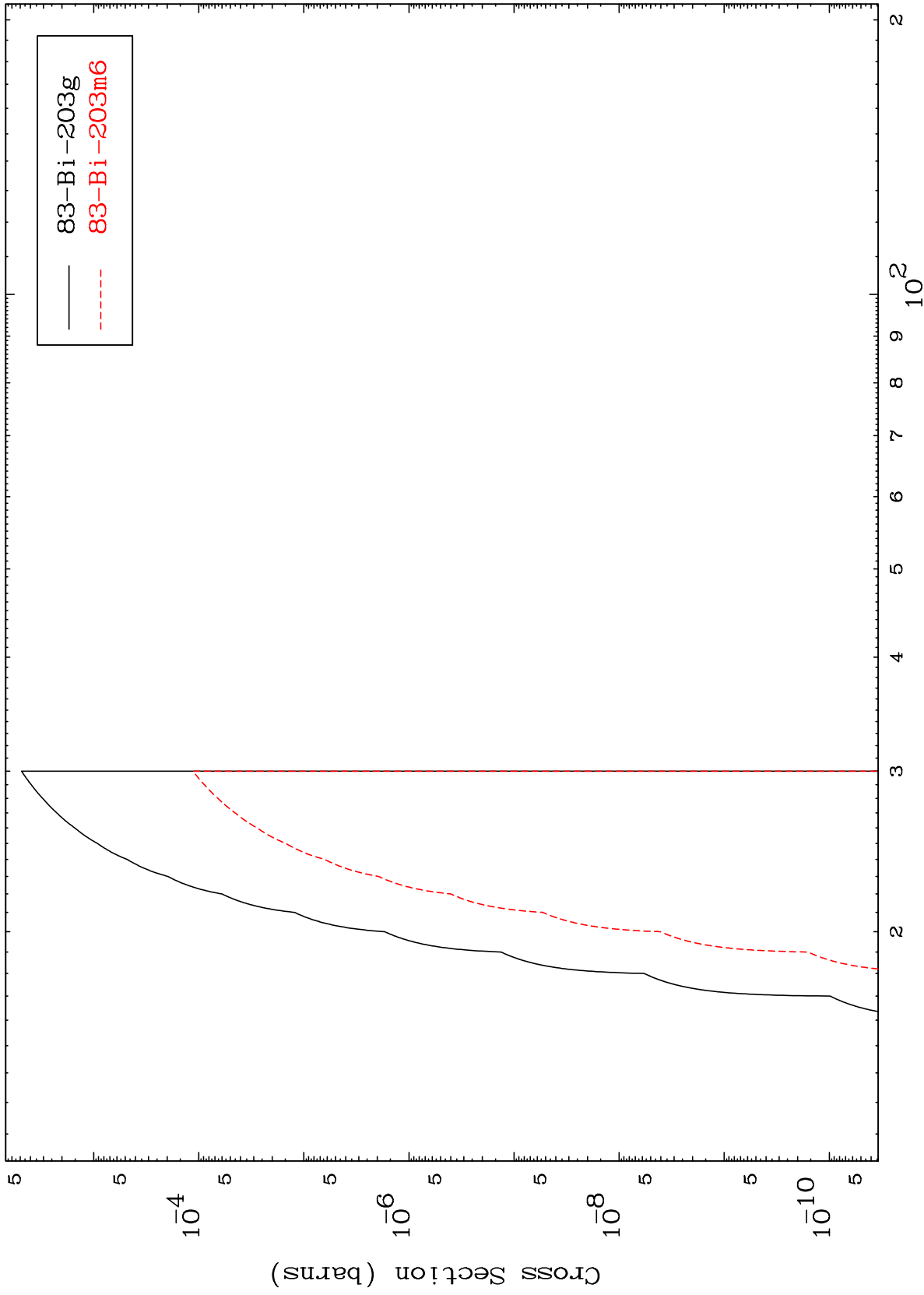
84-Po-206

MAT 8425

(n,n') t

84-Po-206

Radionuclide Production Cross Section



76

Incident Energy (MeV)

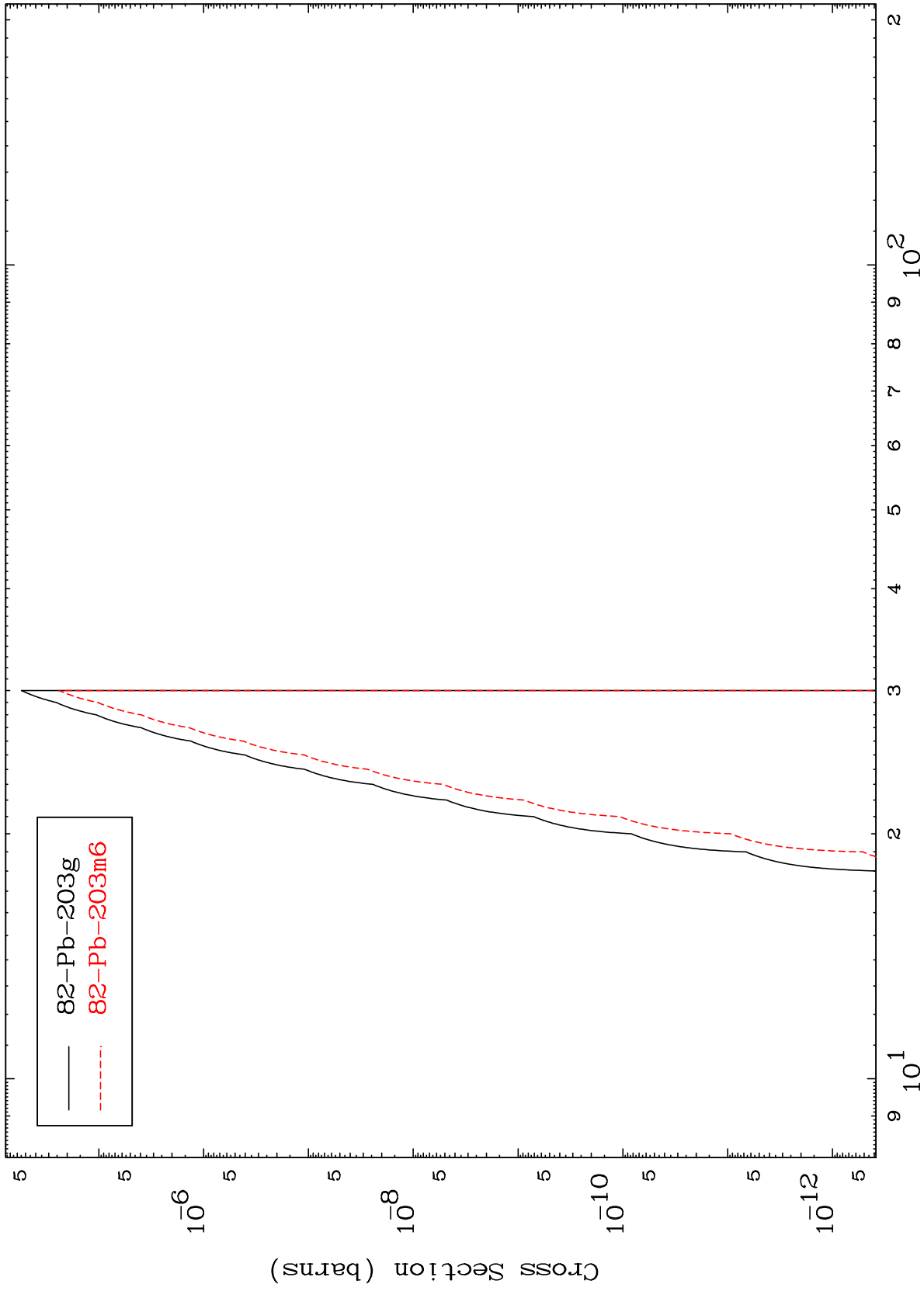
84-Po-206

MAT 8425

(n, n') He-3

84-Po-206

Radionuclide Production Cross Section



82-Pb-203g
82-Pb-203m6

77

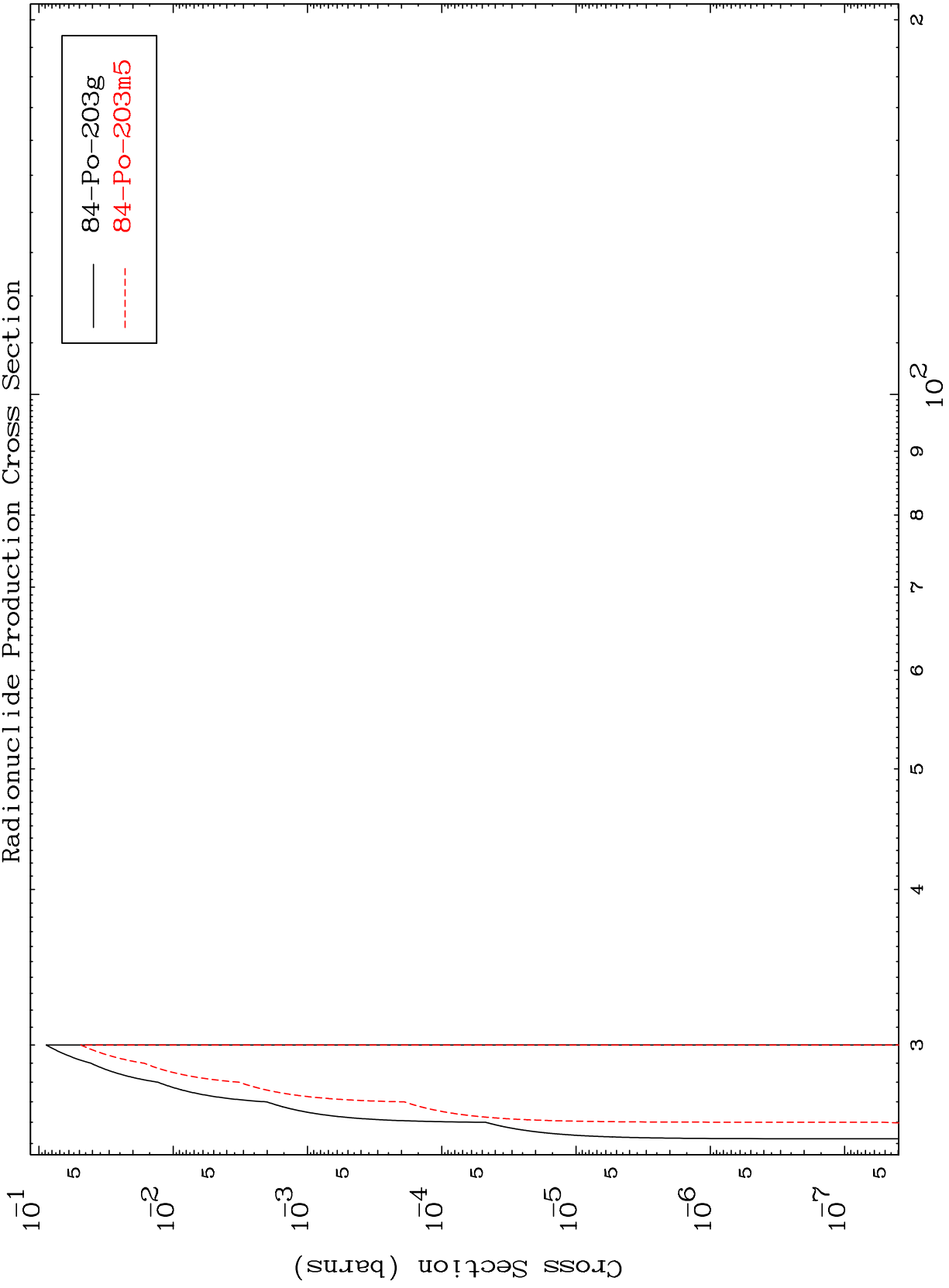
Incident Energy (MeV)

84-Po-206

MAT 8425

84-Po-206

(n,4n)
Radionuclide Production Cross Section



84-Po-203g
84-Po-203m5

78

84-Po-206

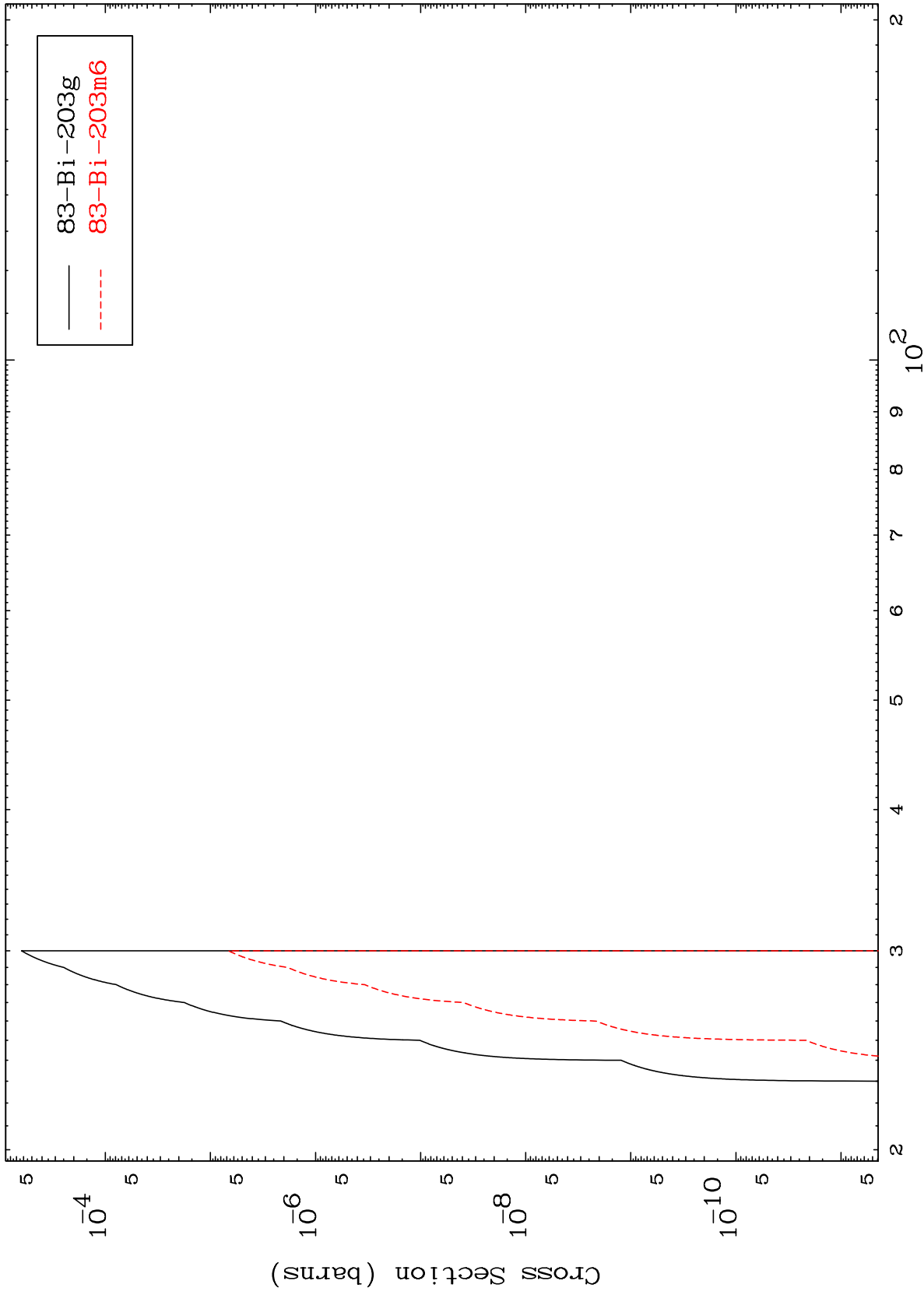
Incident Energy (MeV)

MAT 8425

(n,3n) p

84-Po-206

Radionuclide Production Cross Section



79

Incident Energy (MeV)

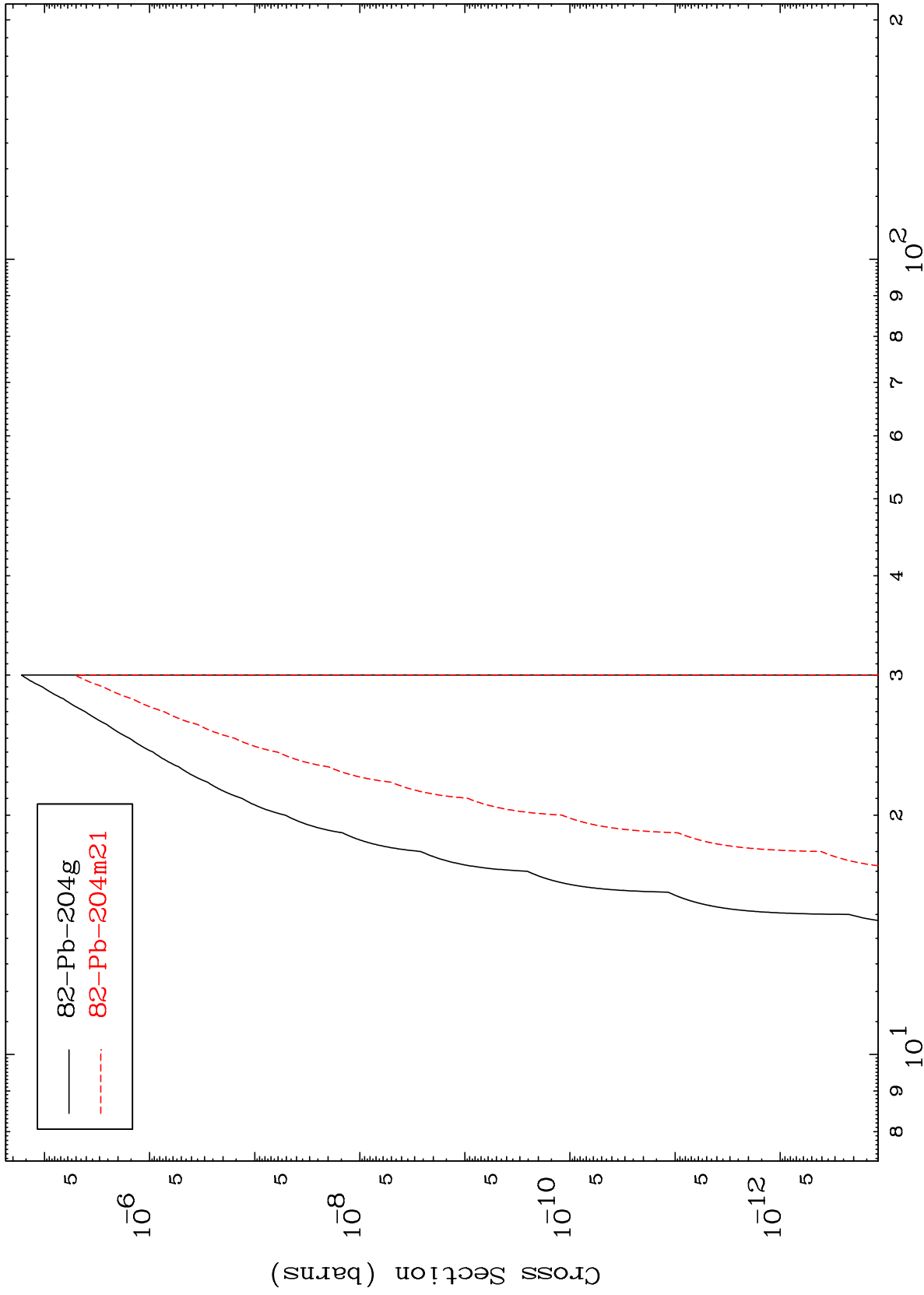
84-Po-206

MAT 8425

(n,2n) p

84-Po-206

Radionuclide Production Cross Section



80

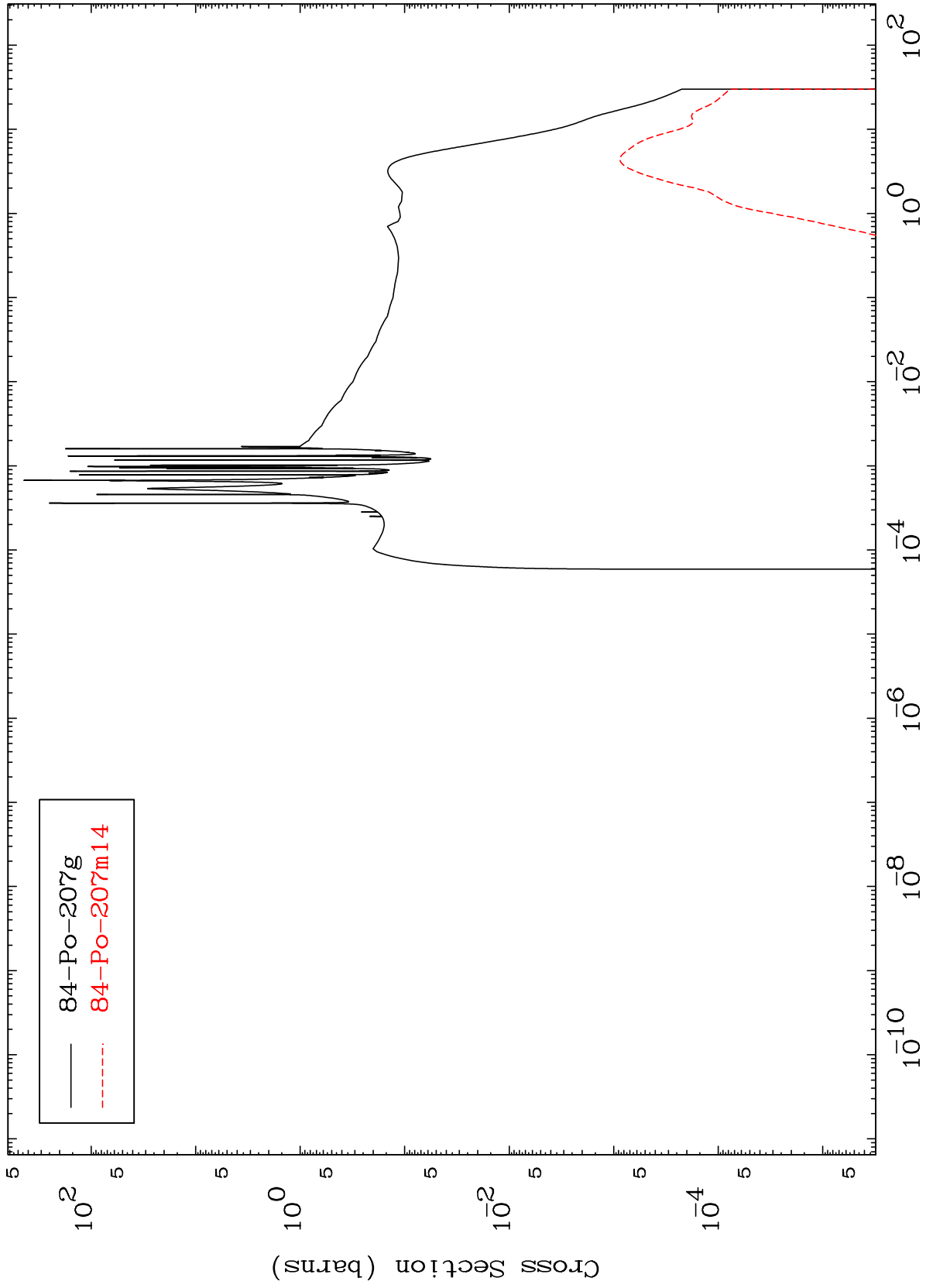
Incident Energy (MeV)

84-Po-206

MAT 8425

84-Po-206

(n, γ)
Radionuclide Production Cross Section



81

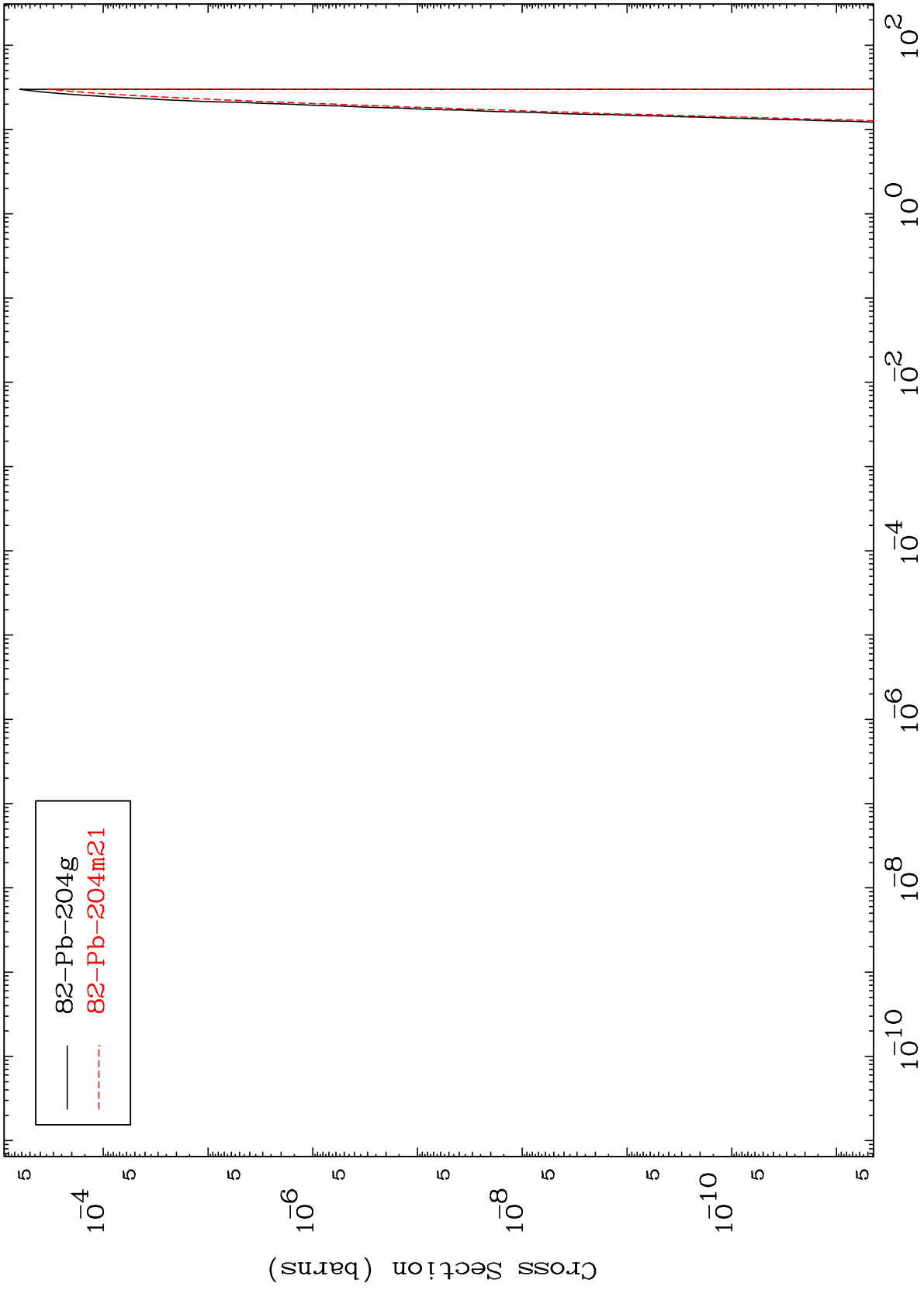
84-Po-206

MAT 8425

(n, He-3)

84-Po-206

Radionuclide Production Cross Section



82-Pb-204g
82-Pb-204m21

82

Incident Energy (MeV)

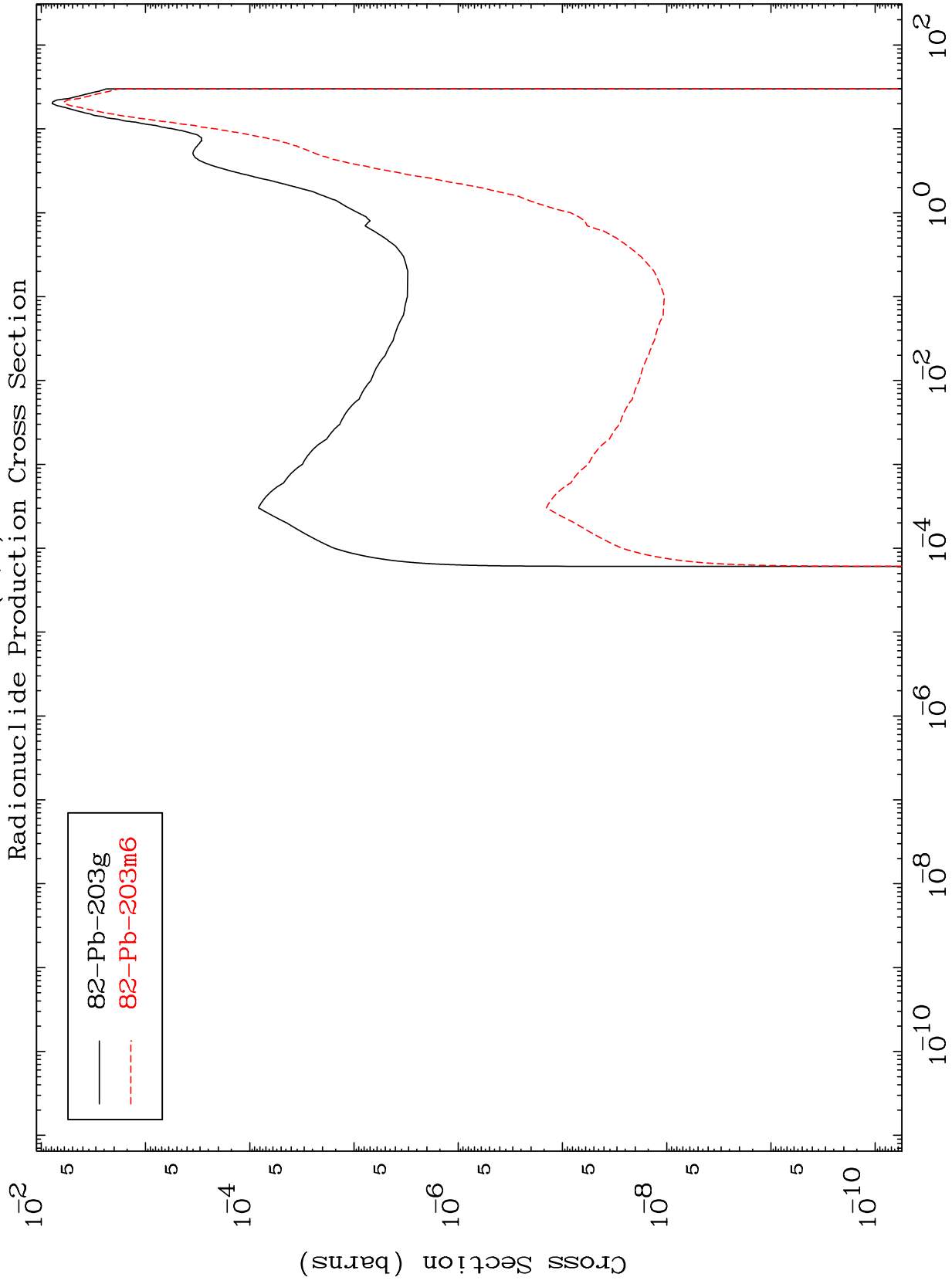
84-Po-206

MAT 8425

(n, α)

84-Po-206

Radionuclide Production Cross Section



83

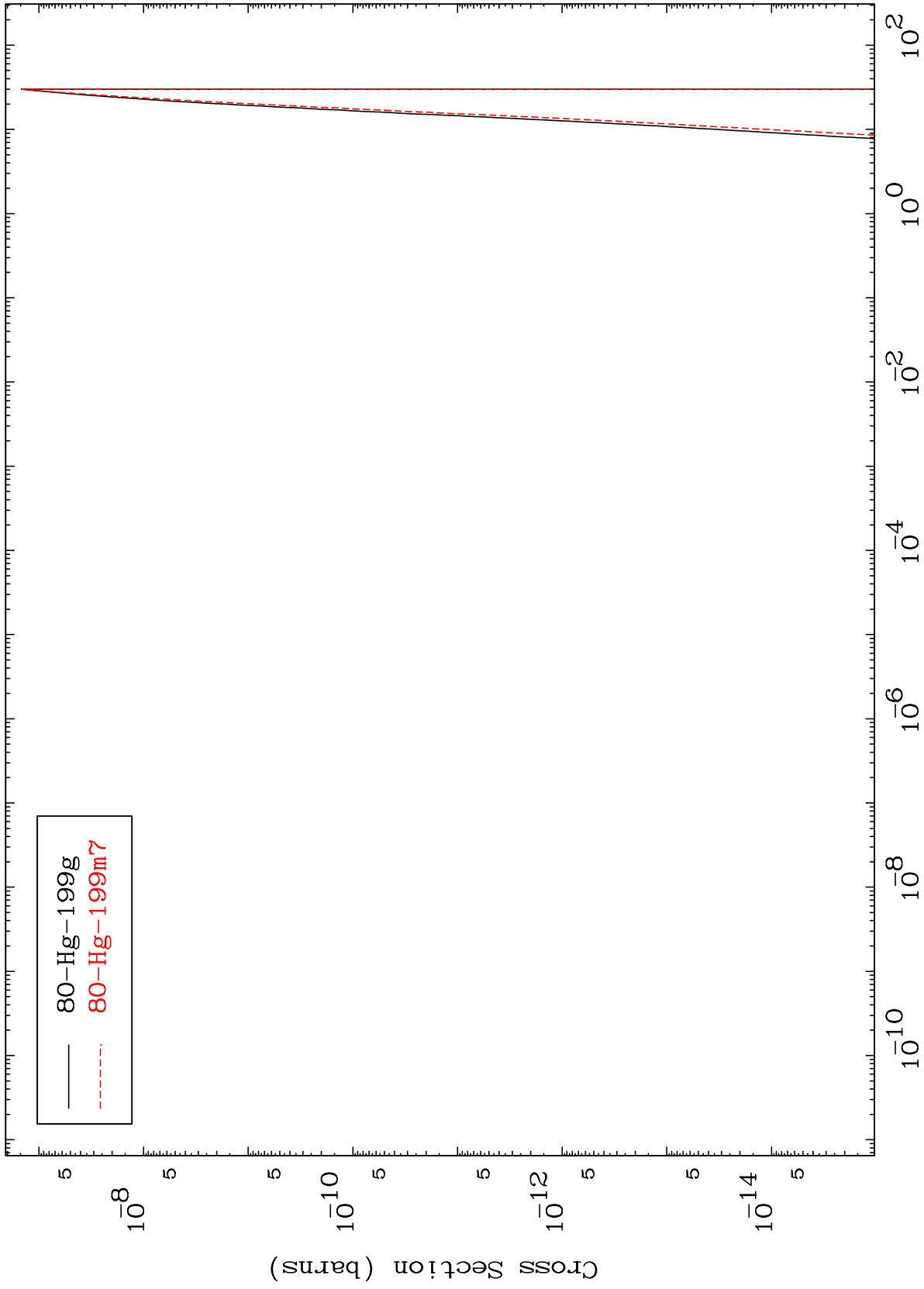
84-Po-206

MAT 8425

(n,2α)

84-Po-206

Radionuclide Production Cross Section



84

Incident Energy (MeV)

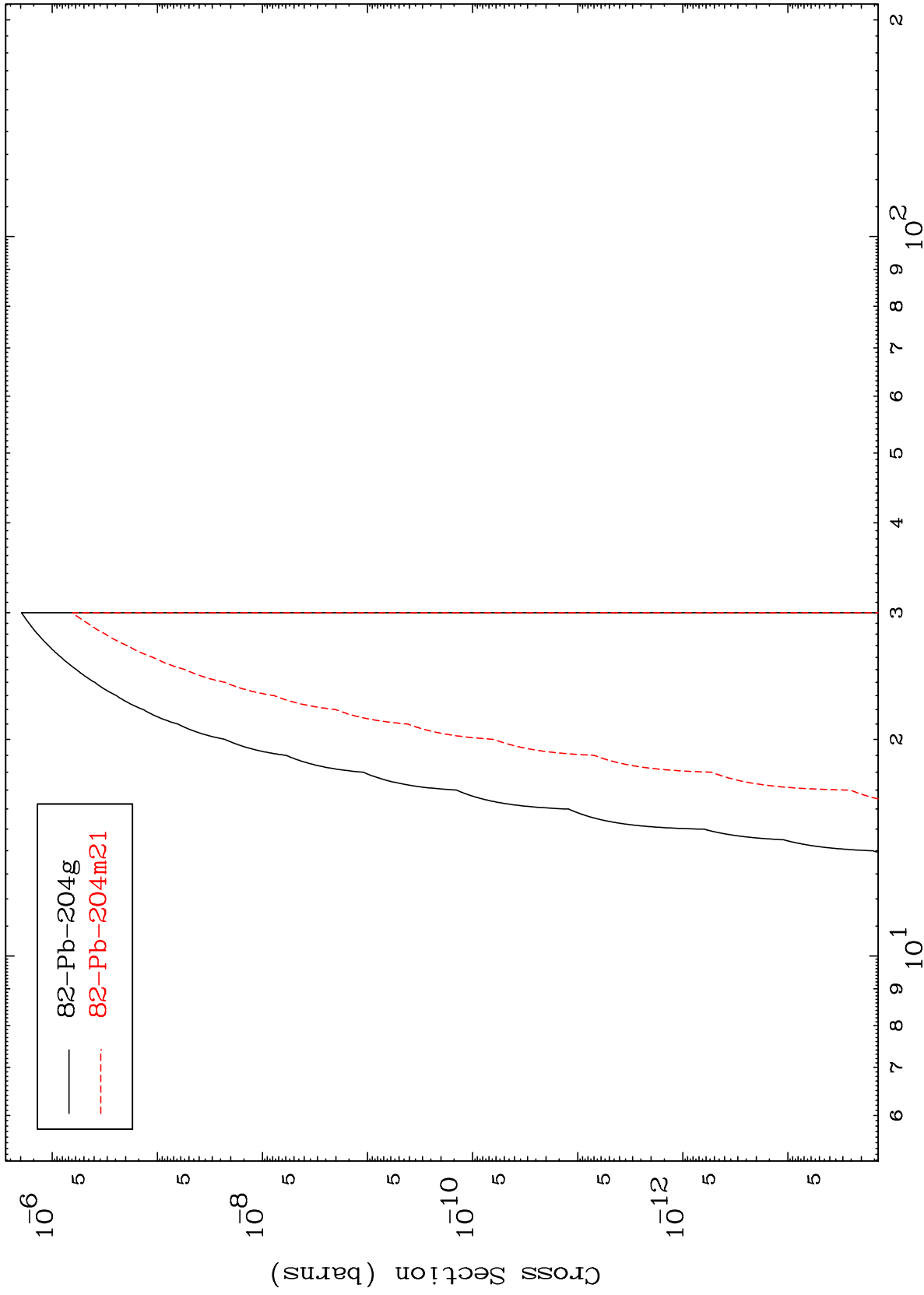
84-Po-206

MAT 8425

(n,p) d

84-Po-206

Radionuclide Production Cross Section

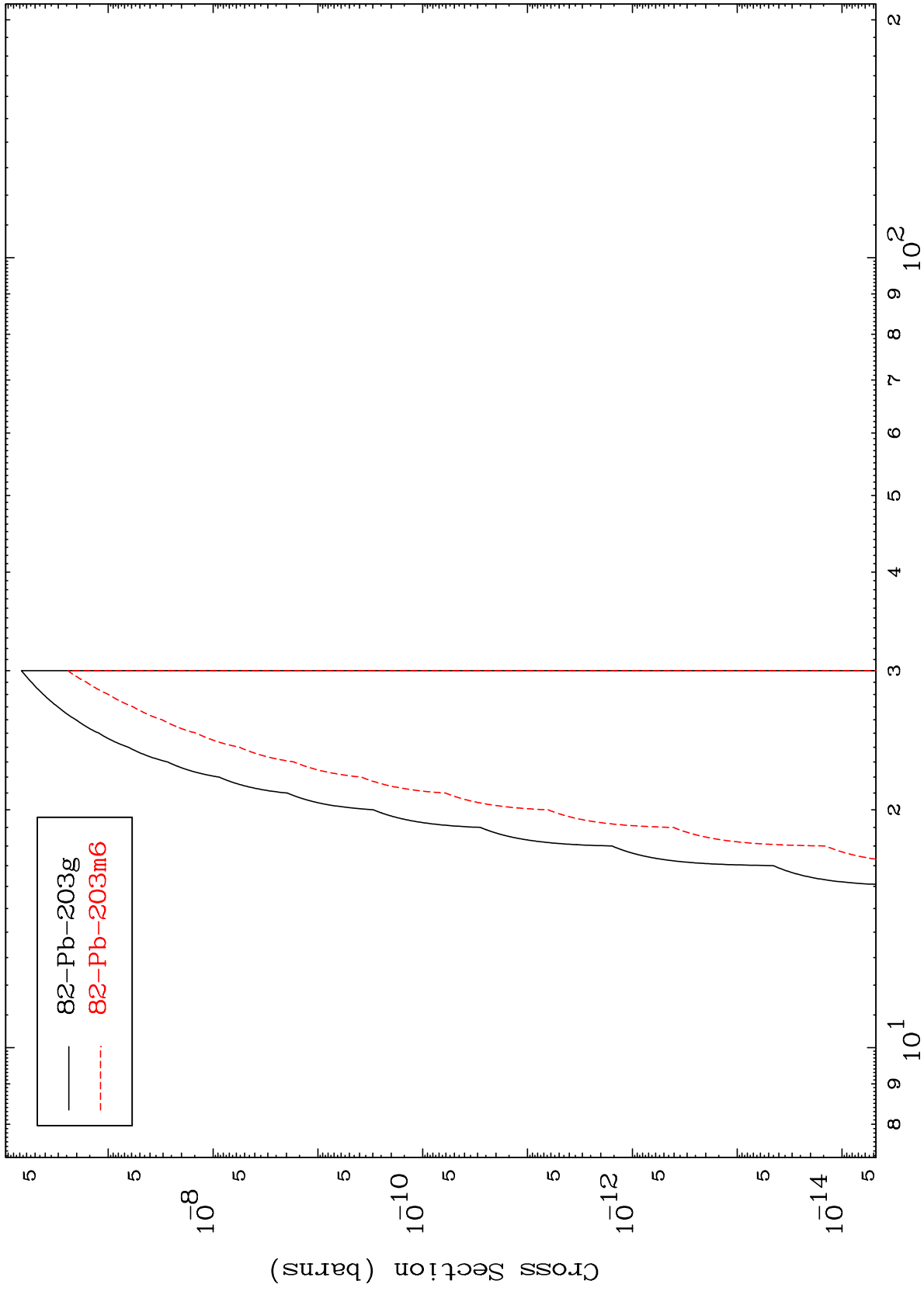


MAT 8425

(n,p) t

84-Po-206

Radionuclide Production Cross Section



86

Incident Energy (MeV)

84-Po-206