

Program EVALPLOT
(Version 2018-1)

by

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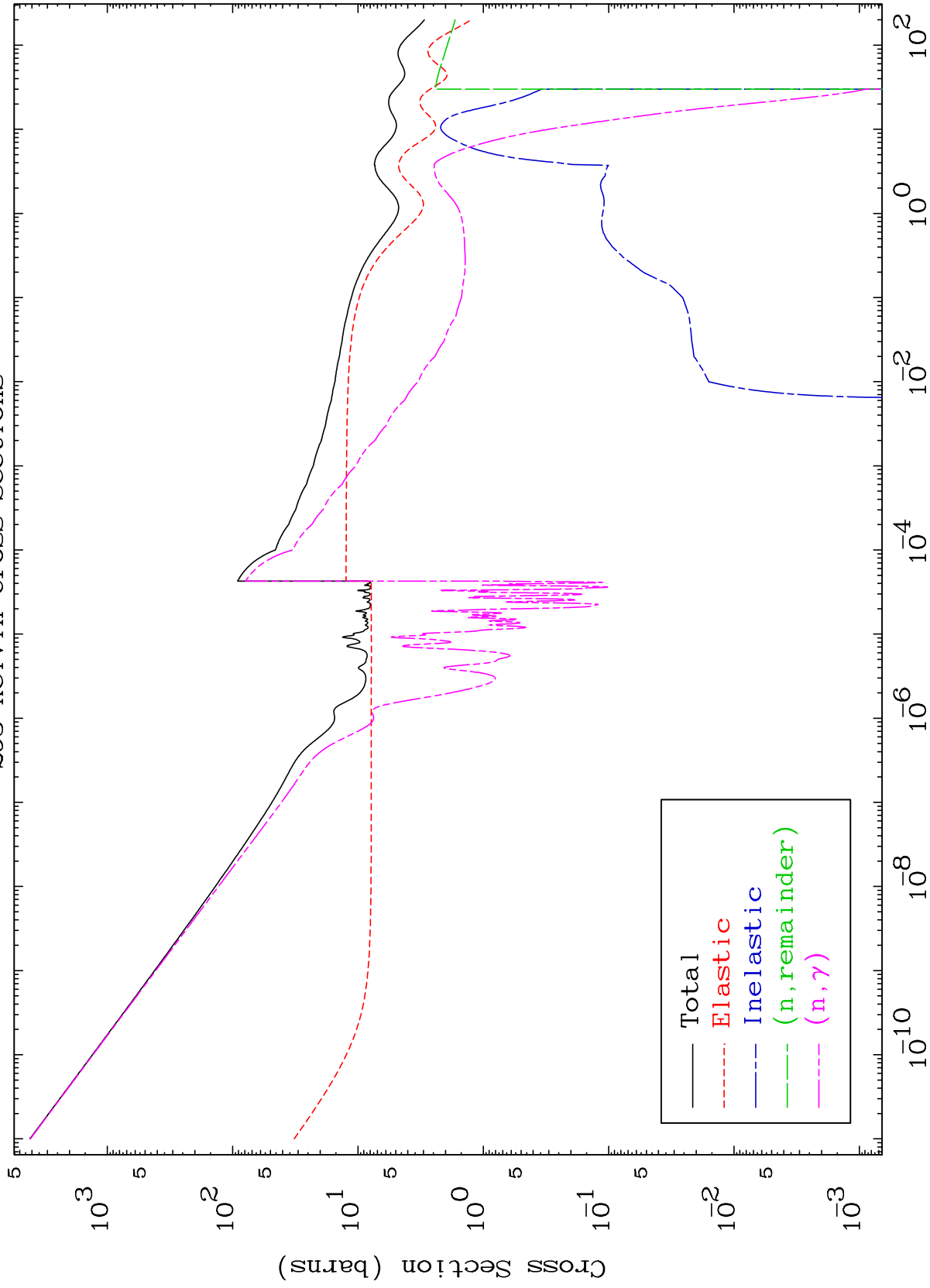
Press Mouse Button to Start

MAT 8410

Major

293 Kelvin Cross Sections

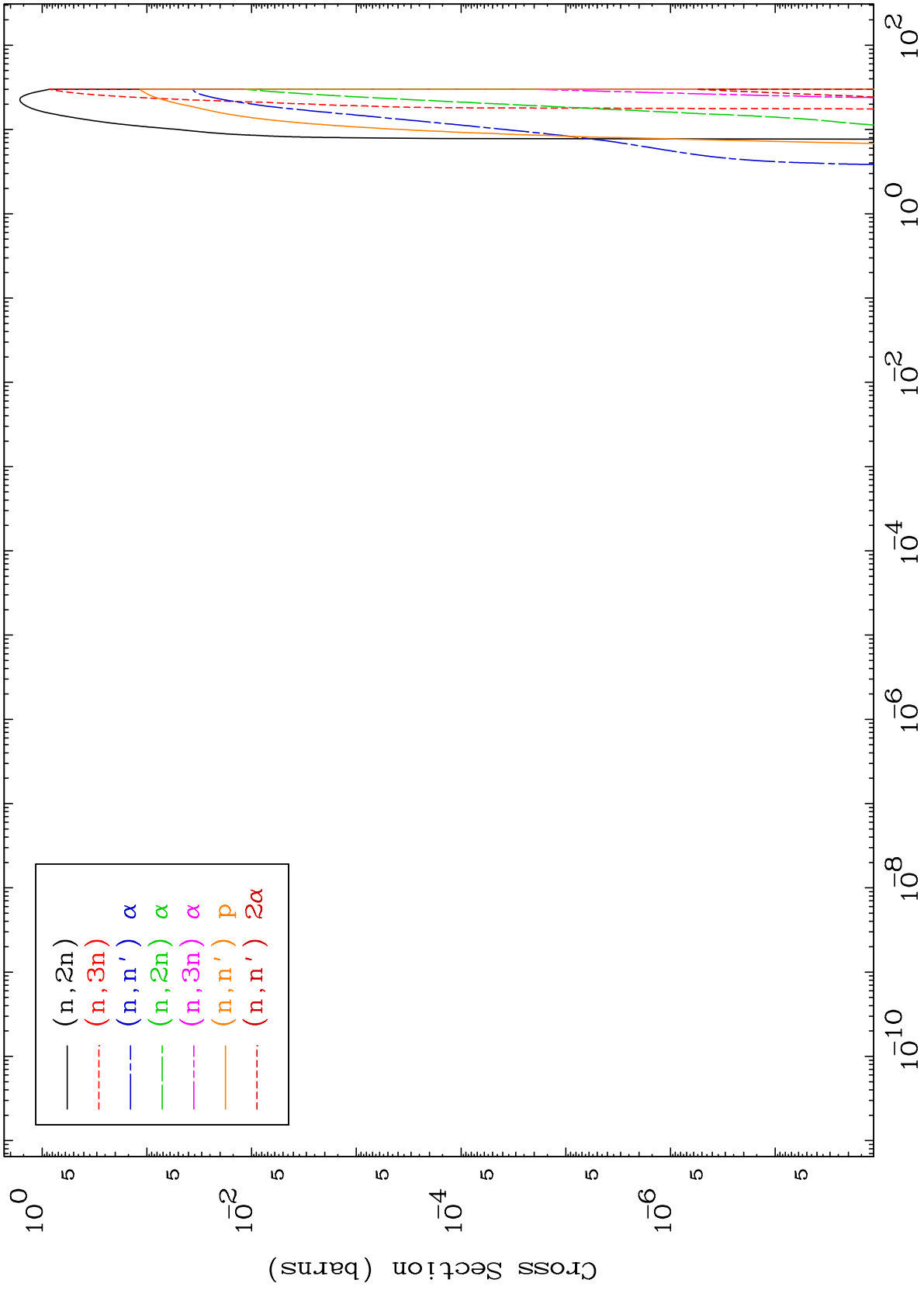
84-Po-201



MAT 8410

Neutron Production
293 Kelvin Cross Sections

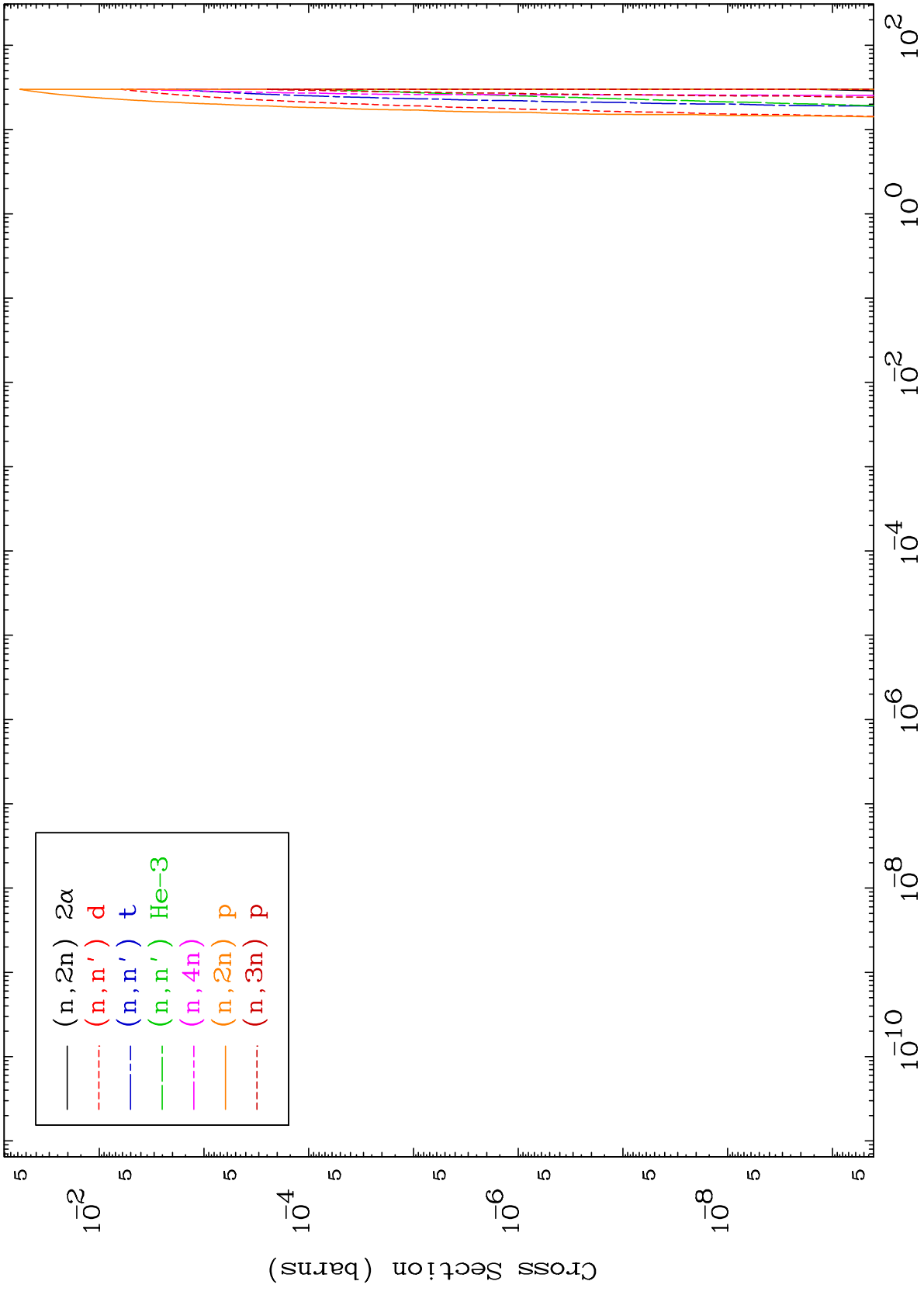
84-Po-201



MAT 8410

Neutron Production
293 Kelvin Cross Sections

84-Po-201

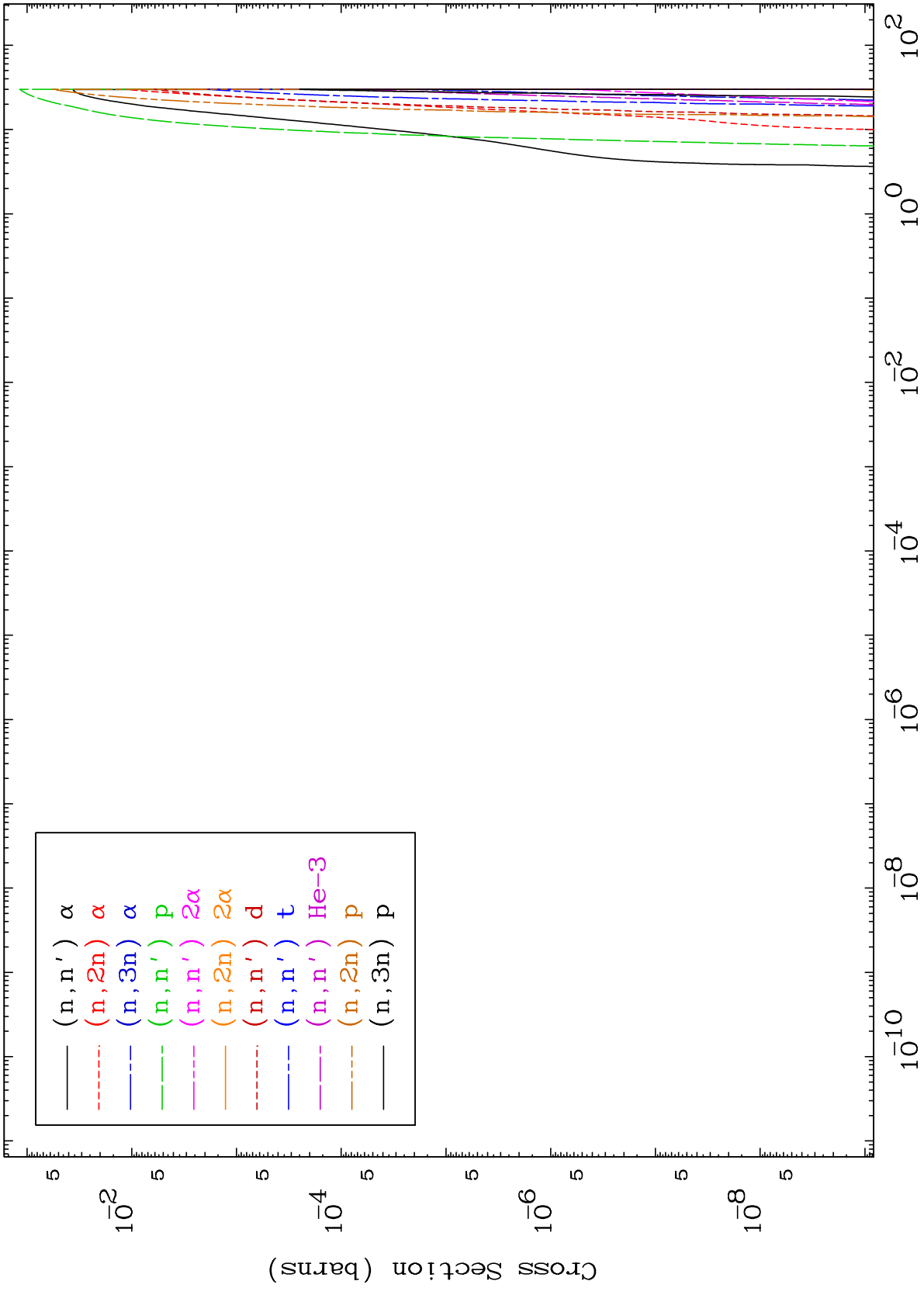


84-Po-201

MAT 8410

293 Charged Particle
Kelvin Cross Sections

84-Po-201

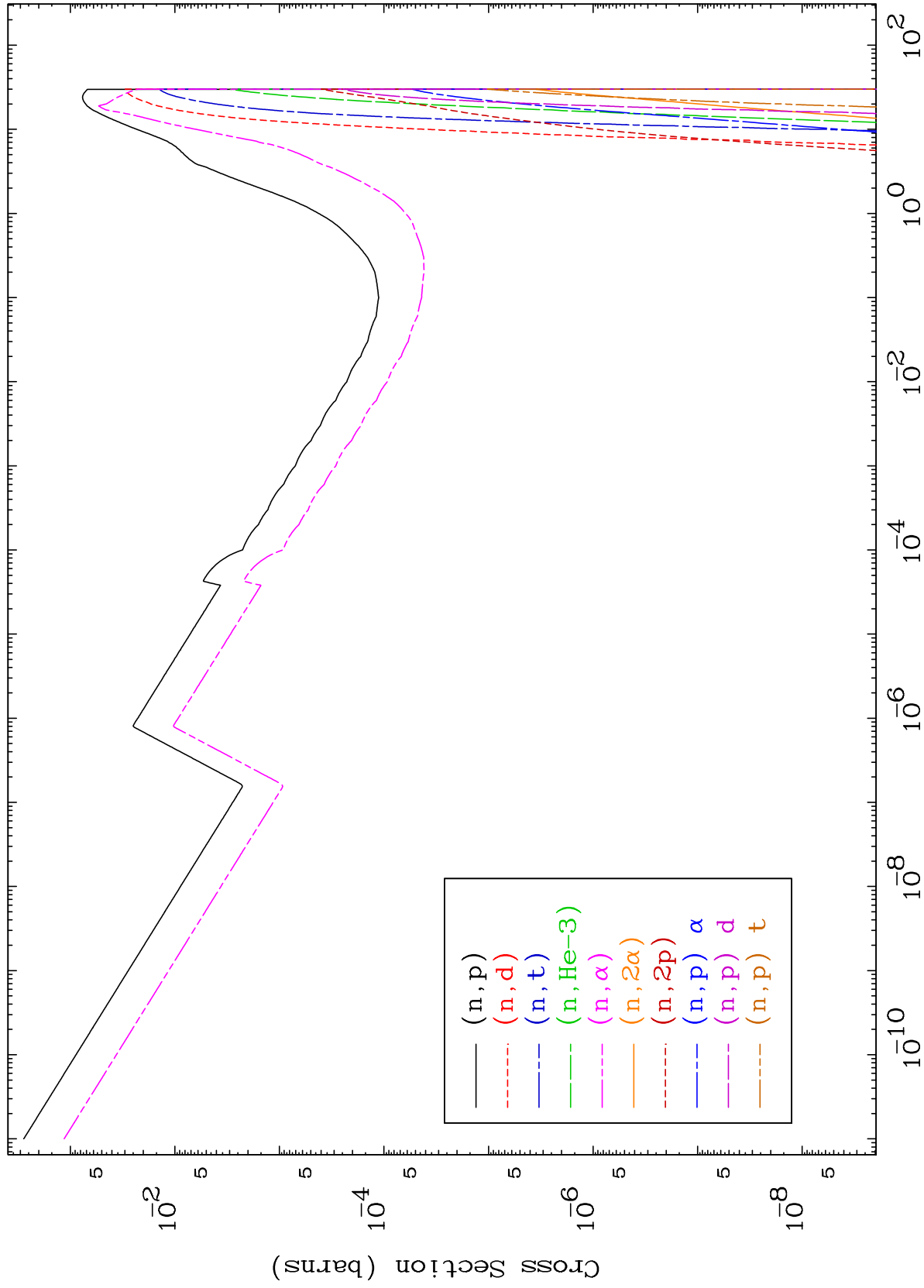


84-Po-201

MAT 8410

293 Kelvin Cross Sections

84-Po-201



5

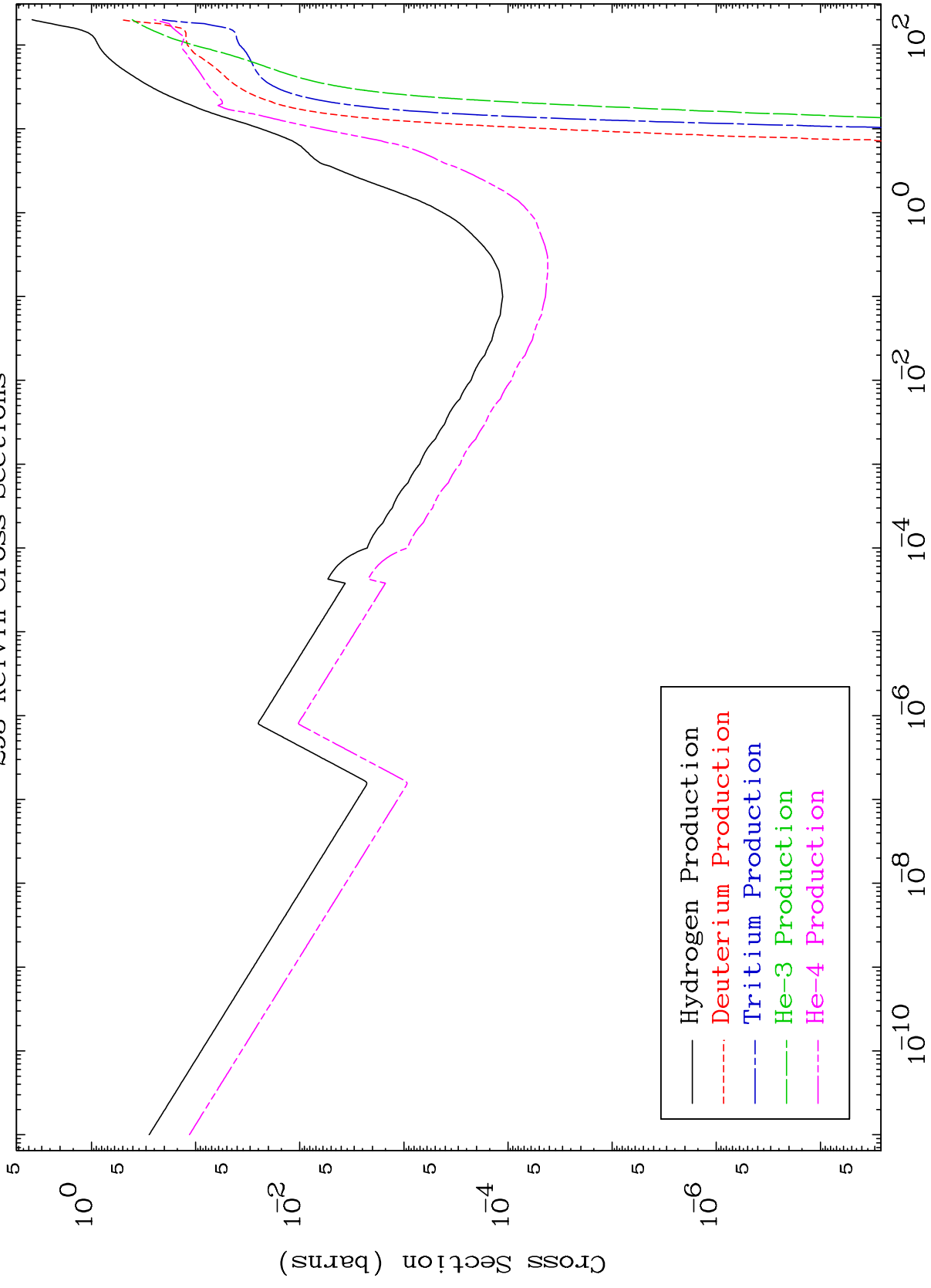
Incident Energy (MeV)

84-Po-201

MAT 8410

Particle Production
293 Kelvin Cross Sections

84-Po-201



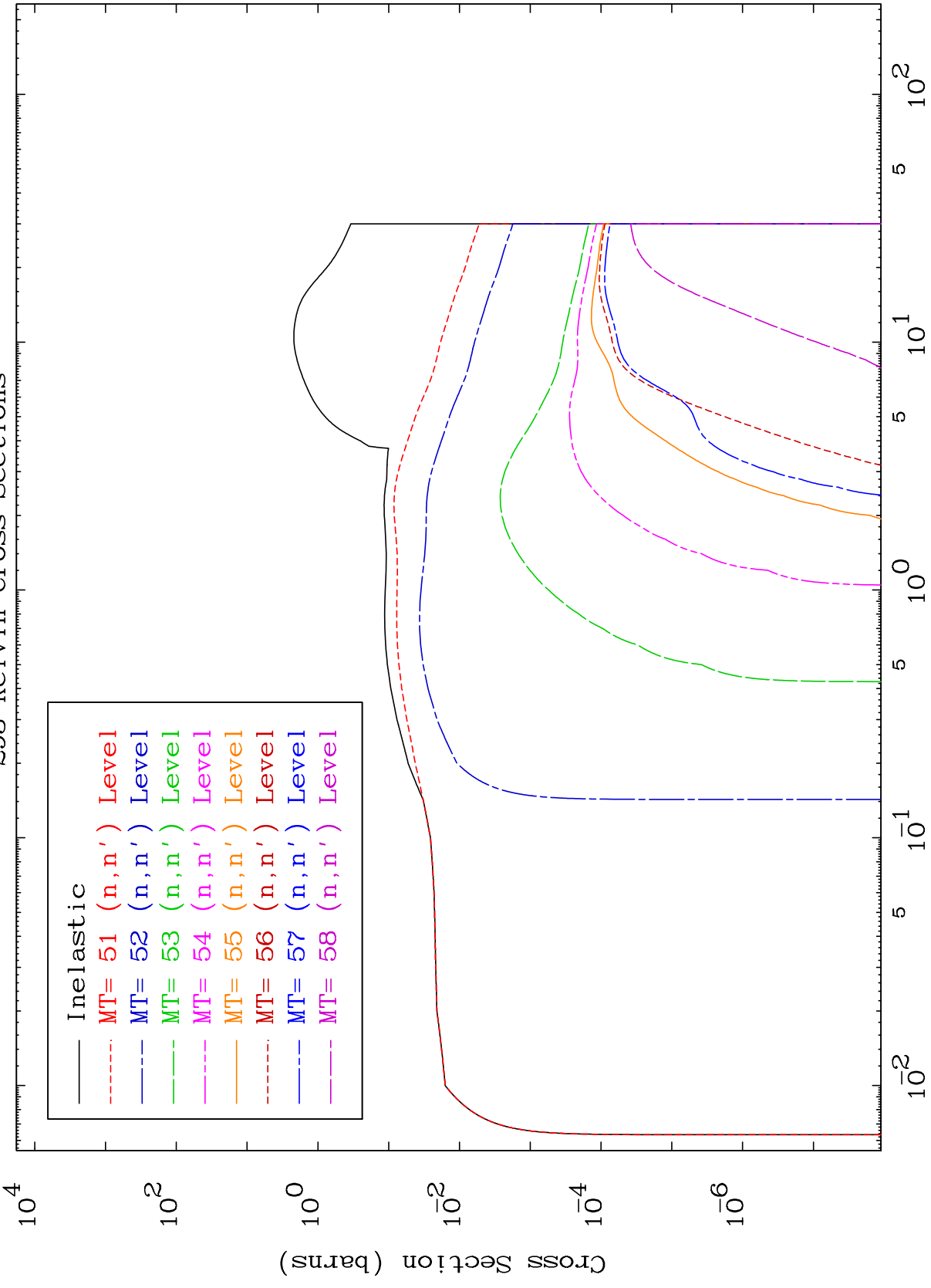
6

84-Po-201

MAT 8410

(n,n') Level
293 Kelvin Cross Sections

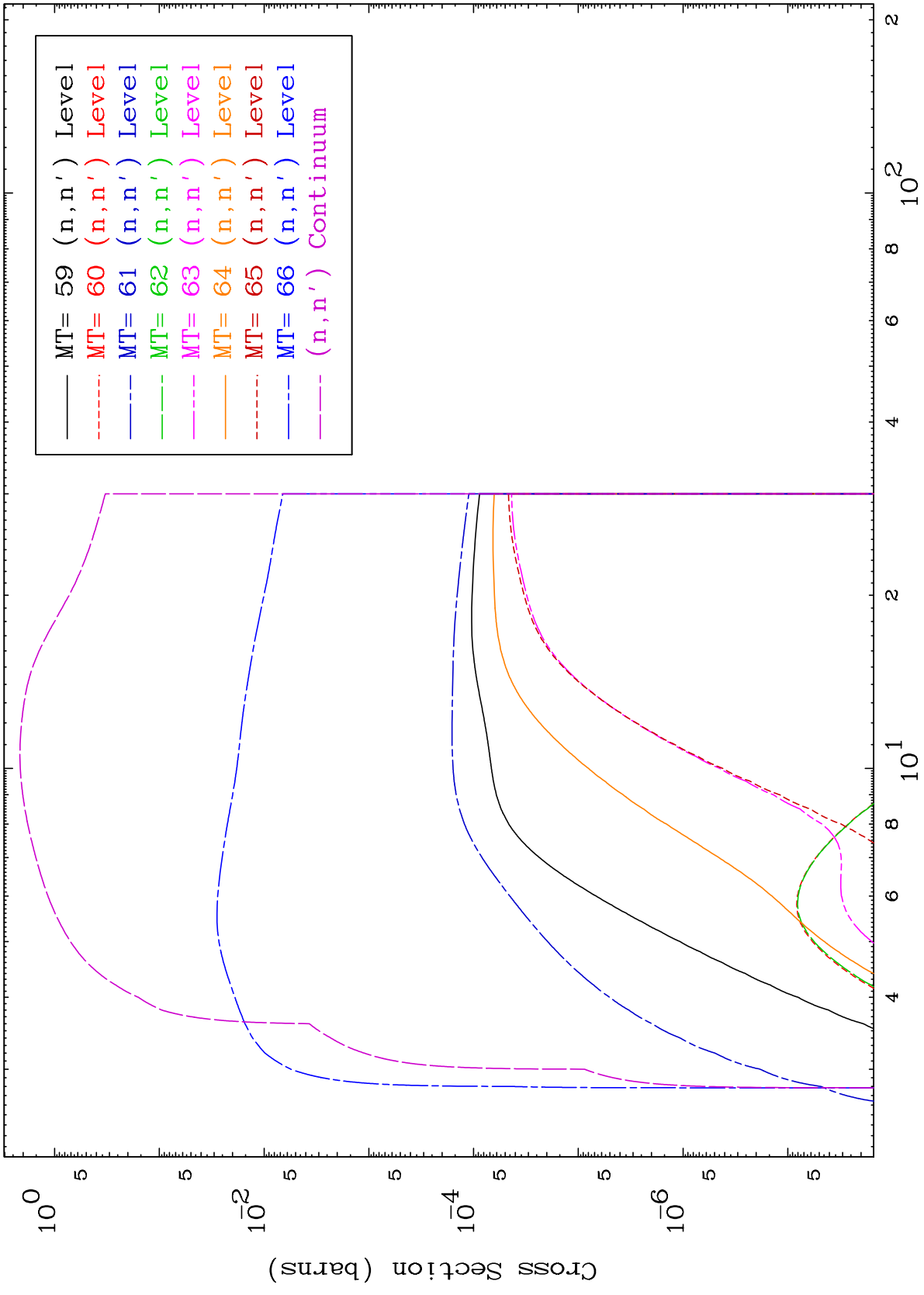
84-Po-201



MAT 8410

(n,n') Level
293 Kelvin Cross Sections

84-Po-201



8

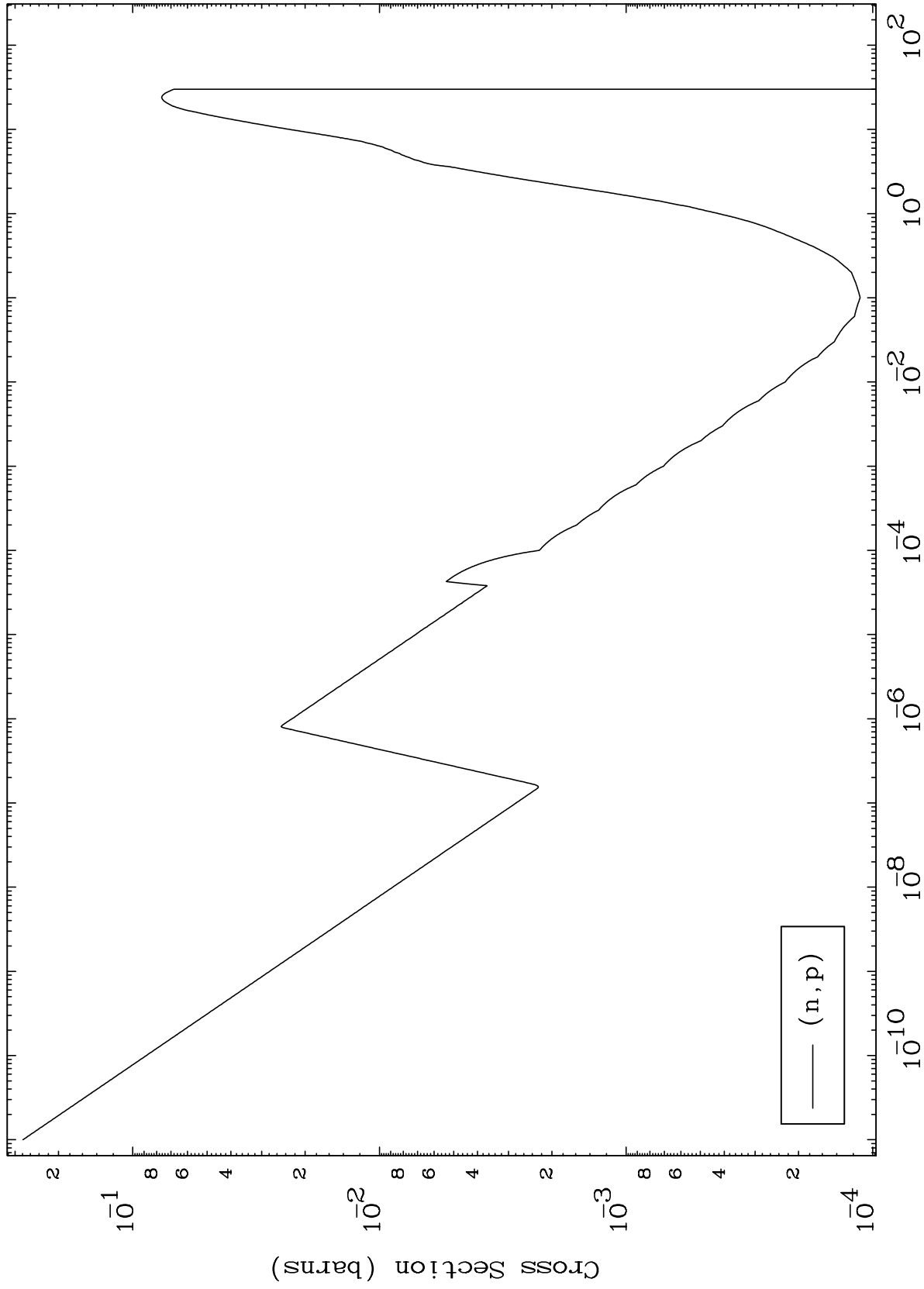
Incident Energy (MeV)

84-Po-201

MAT 8410

(n,p) Levels
293 Kelvin Cross Sections

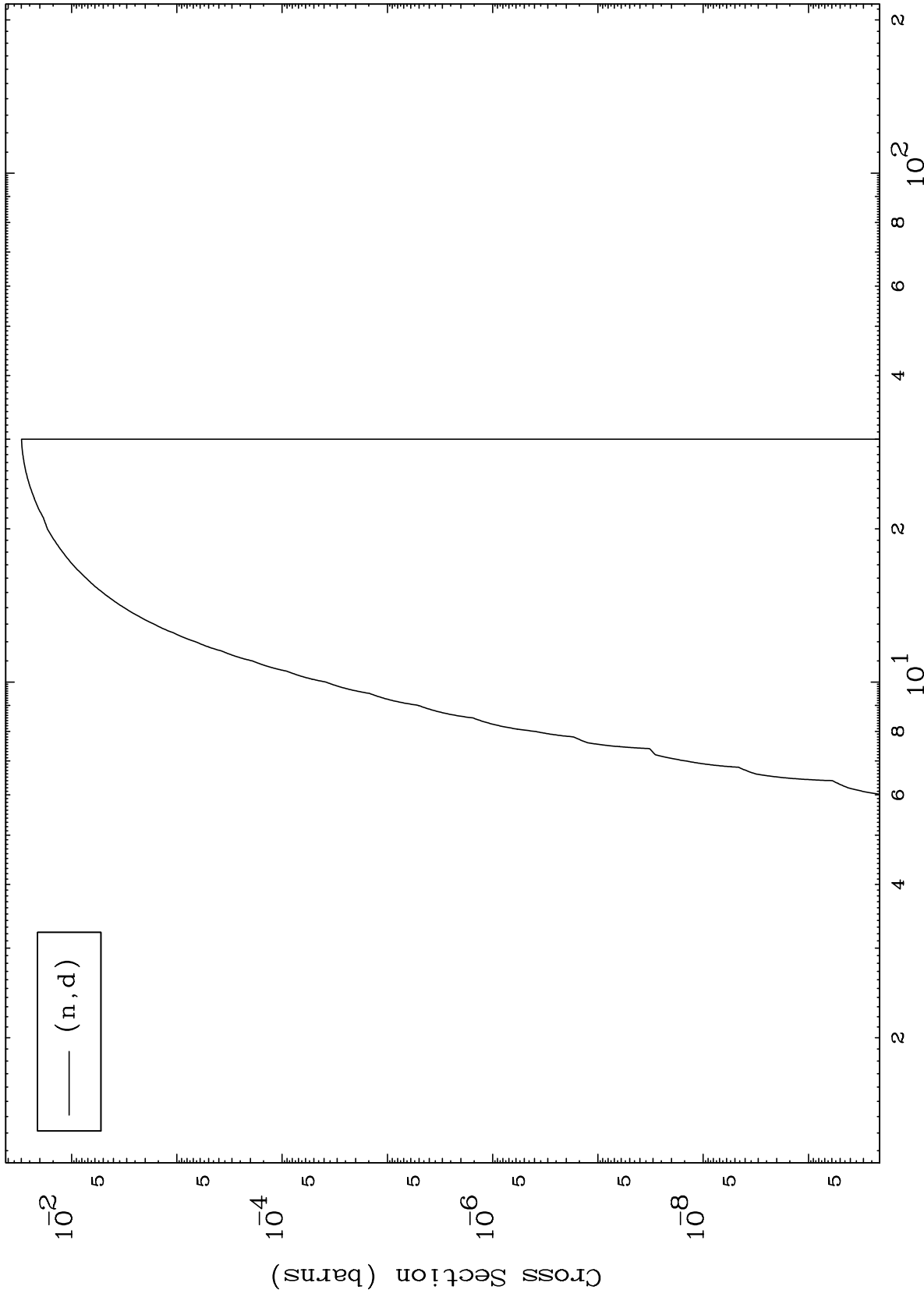
84-Po-201



MAT 8410

(n,d) Levels
293 Kelvin Cross Sections

84-Po-201



10

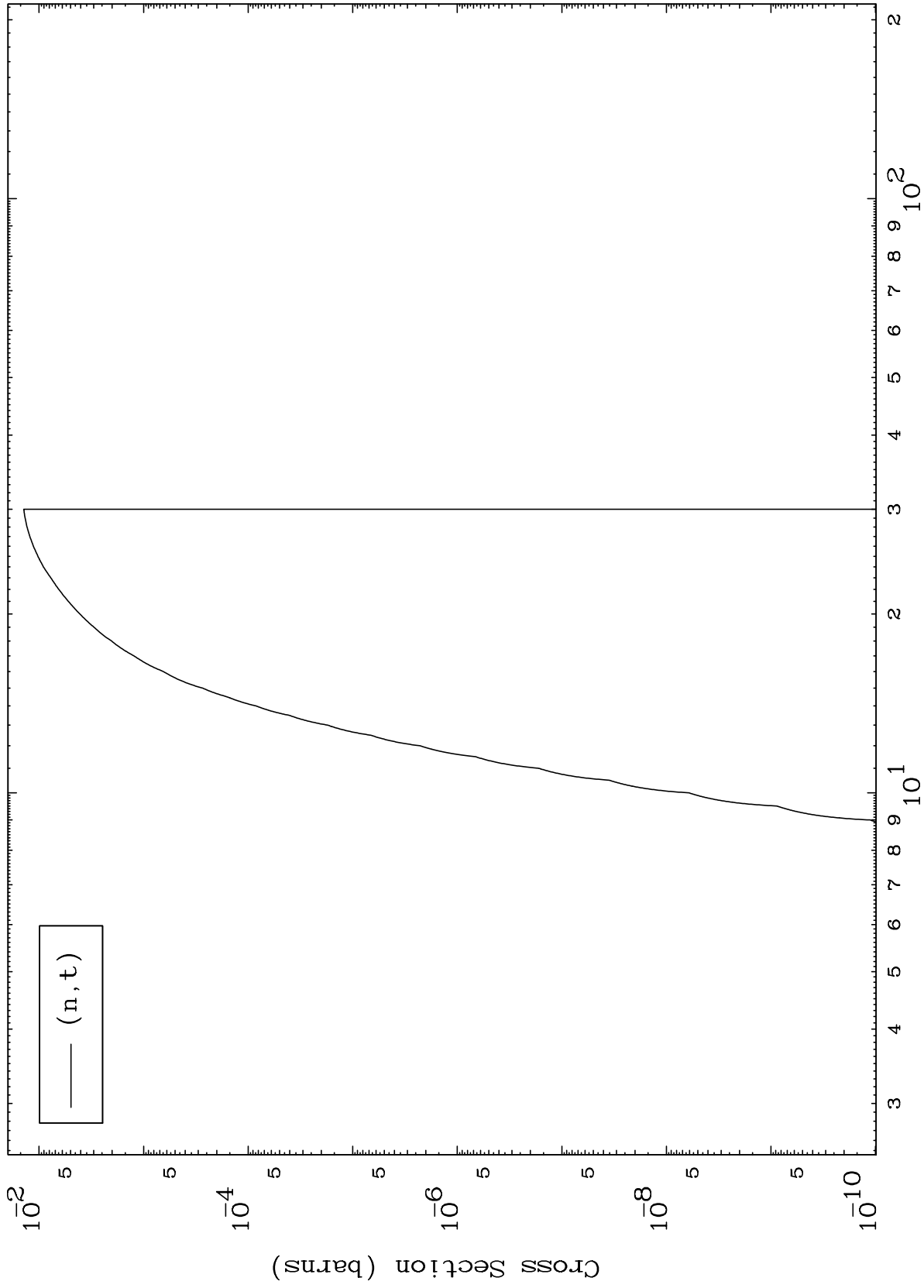
Incident Energy (MeV)

84-Po-201

MAT 8410

(n,t) Levels
293 Kelvin Cross Sections

84-Po-201



11

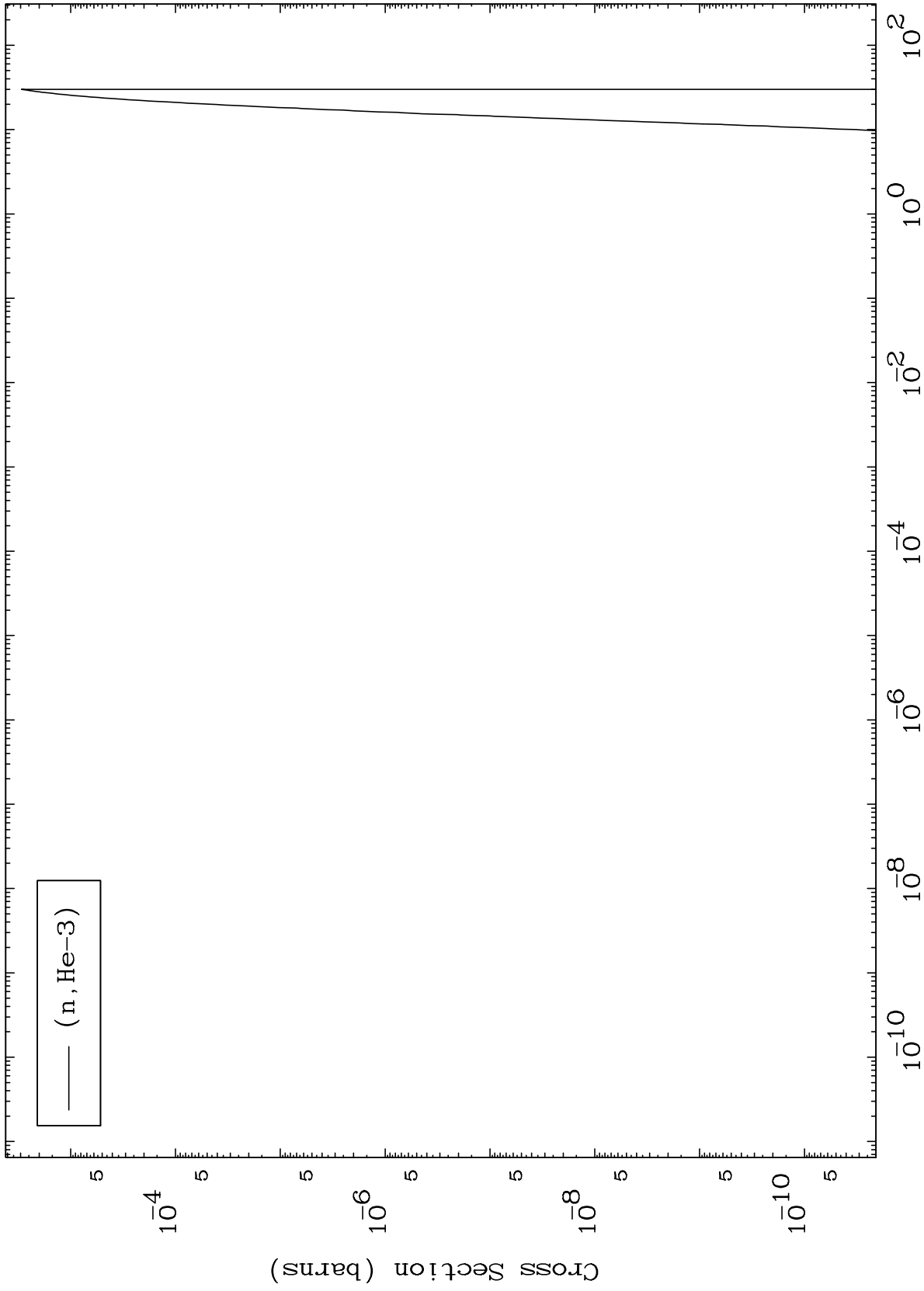
Incident Energy (MeV)

84-Po-201

MAT 8410

(n,He3) Levels
293 Kelvin Cross Sections

84-Po-201



12

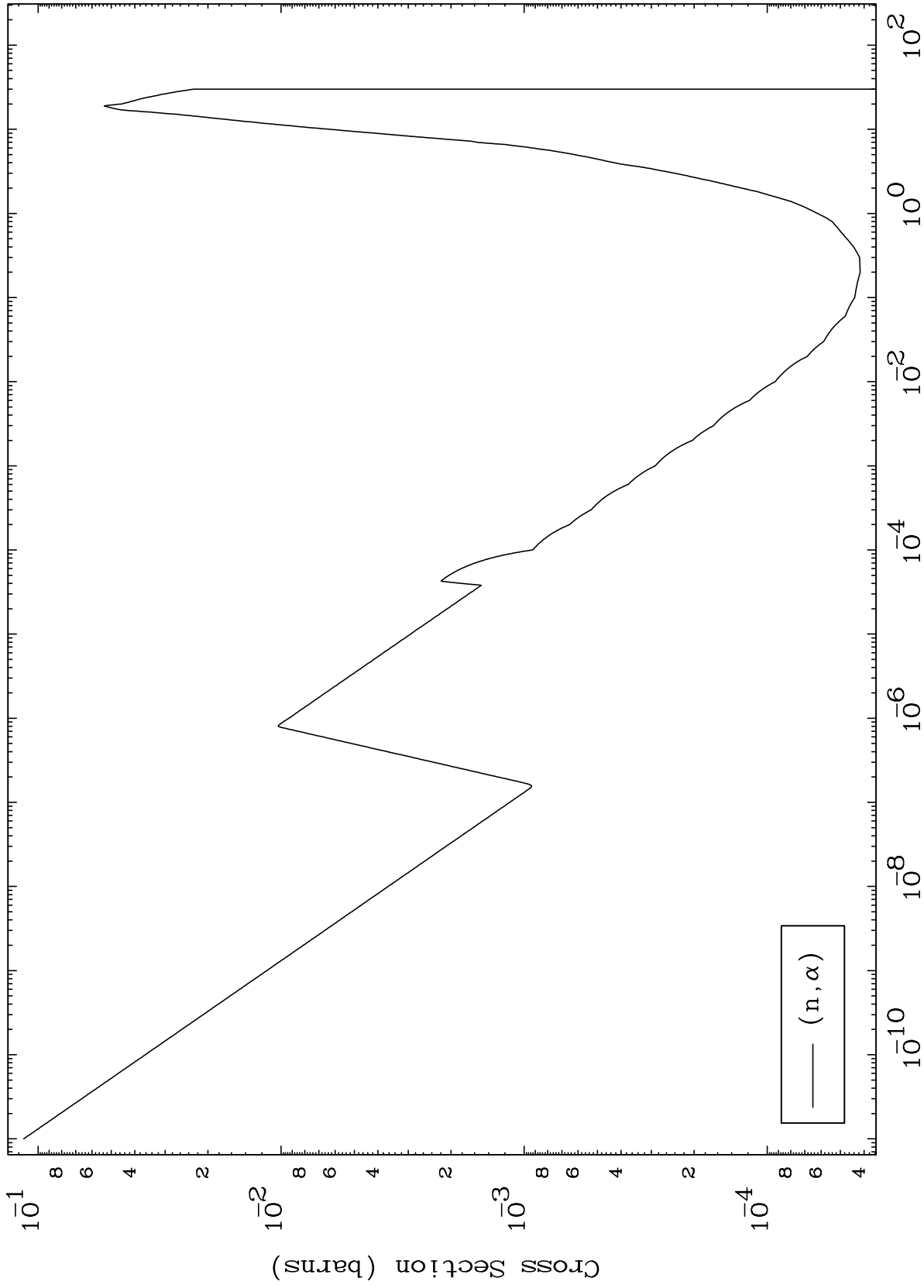
Incident Energy (MeV)

84-Po-201

MAT 8410

(n,α) Levels
293 Kelvin Cross Sections

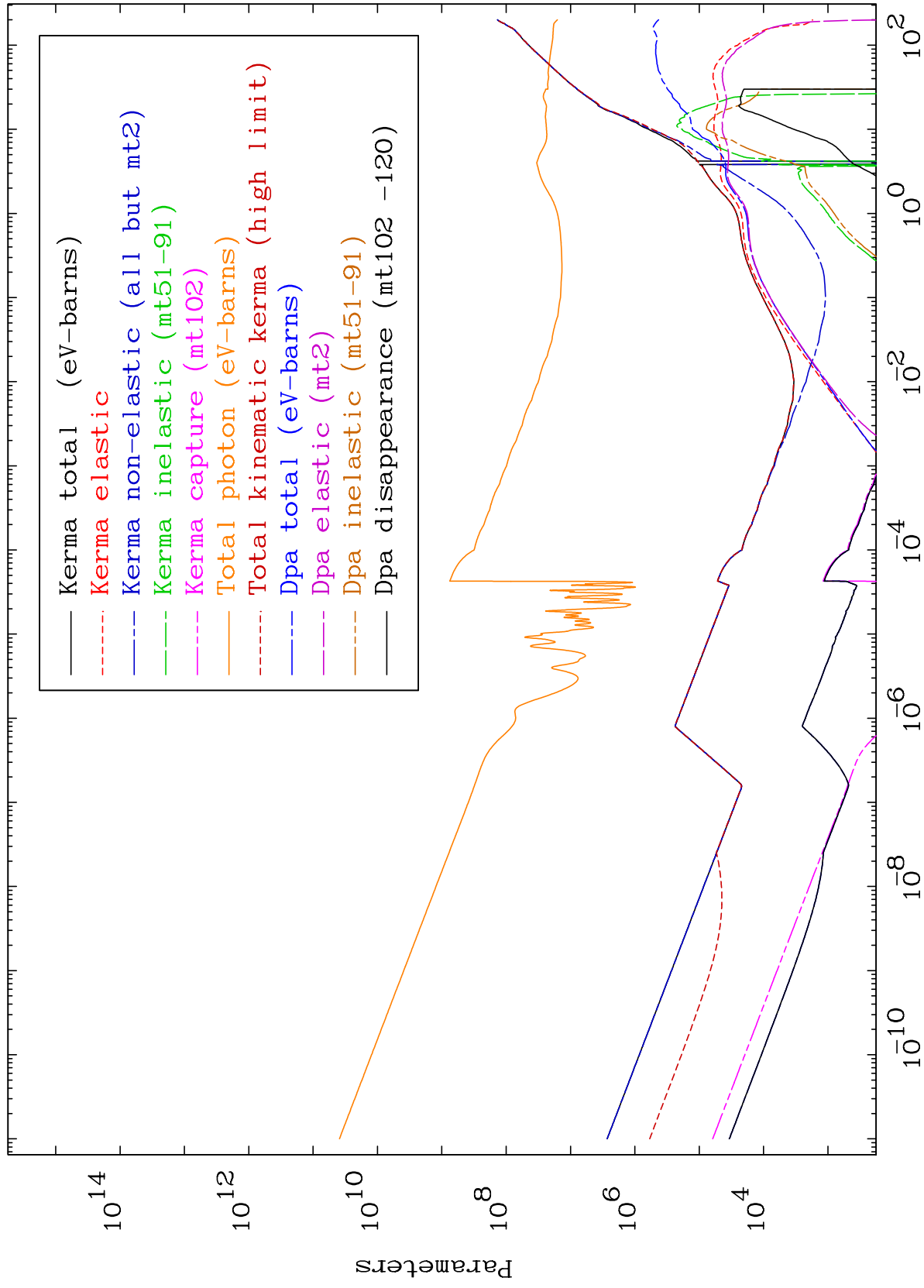
84-Po-201

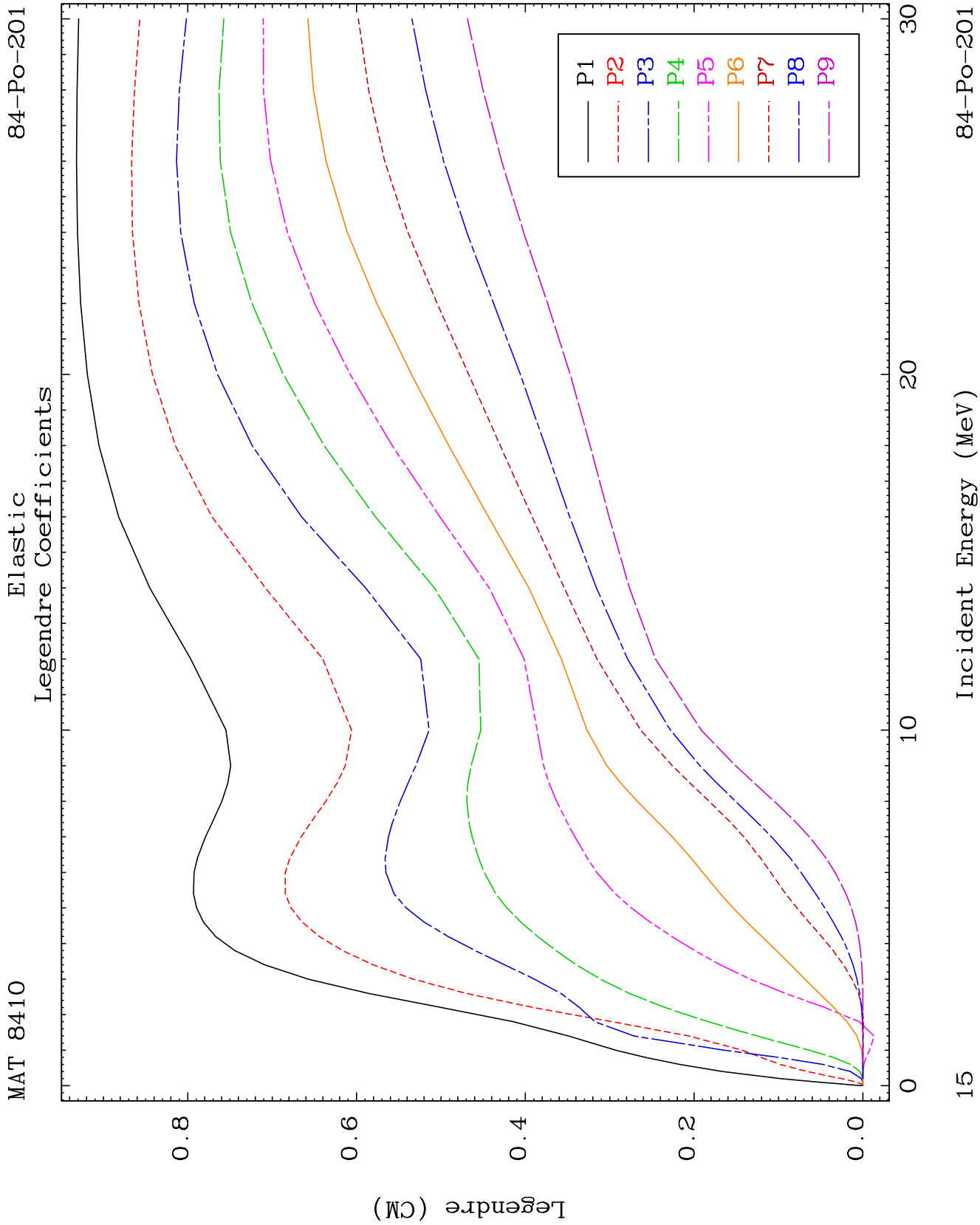


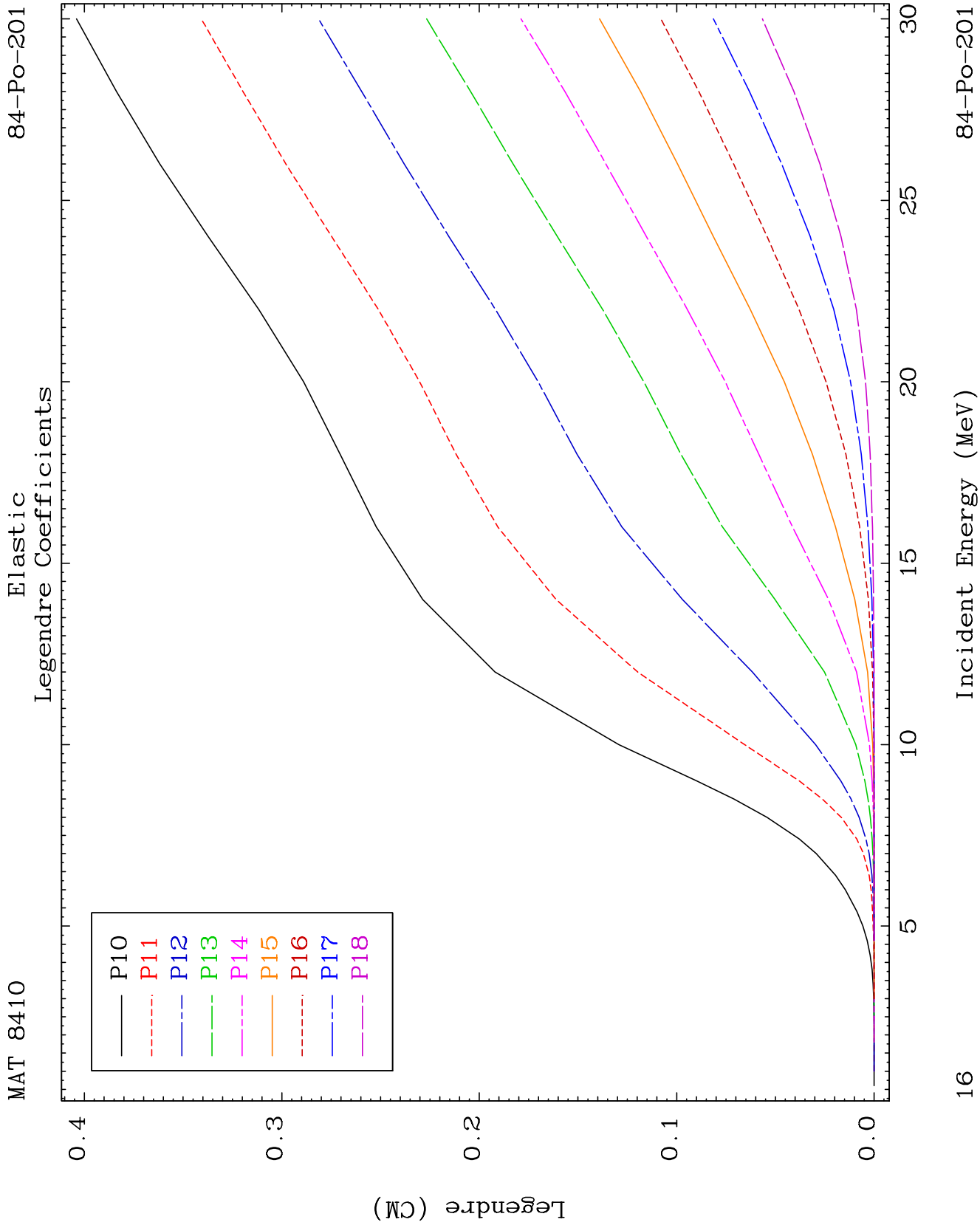
13

Incident Energy (MeV)

84-Po-201



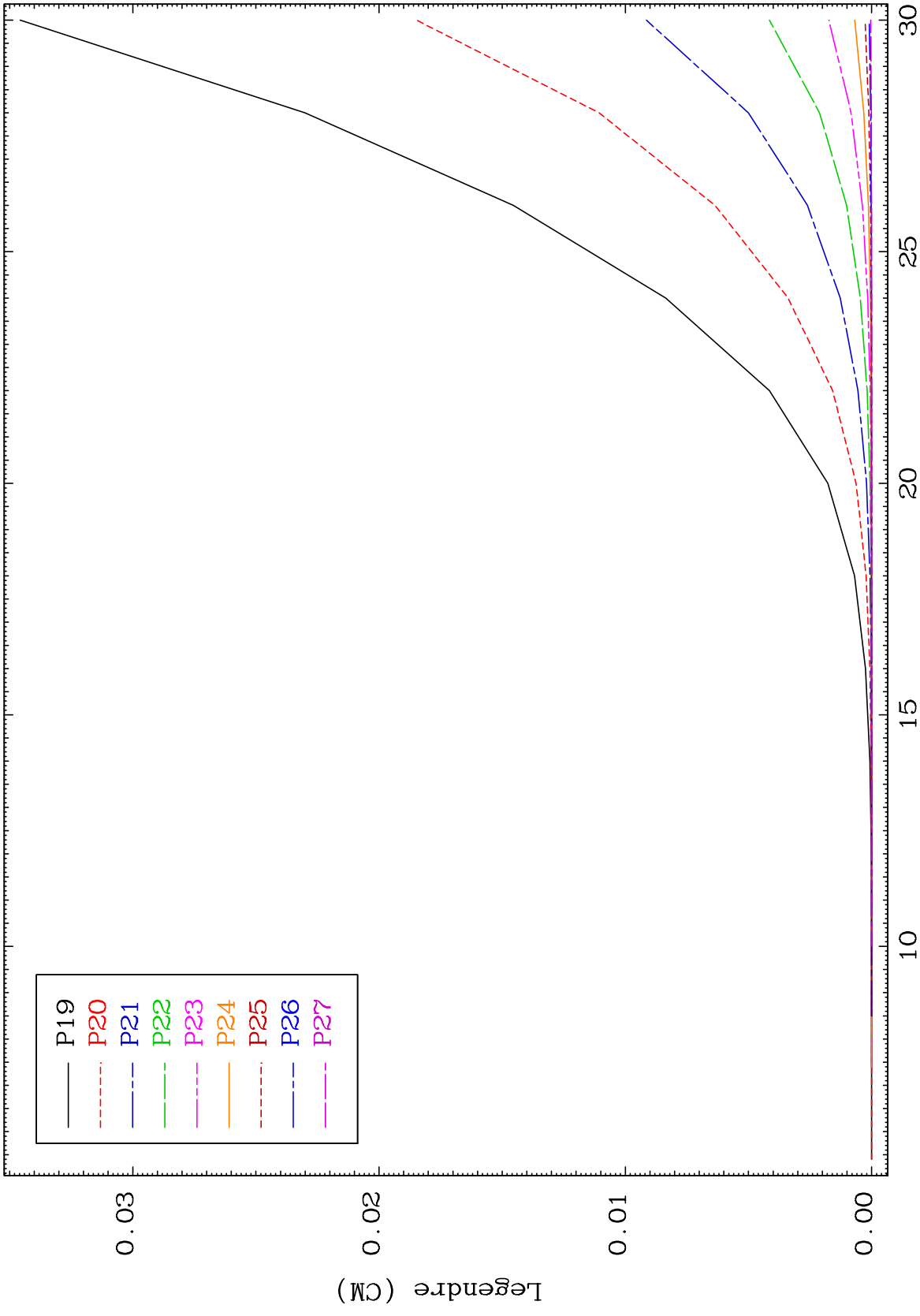




MAT 8410

Elastic Legendre Coefficients

84-Po-201



17

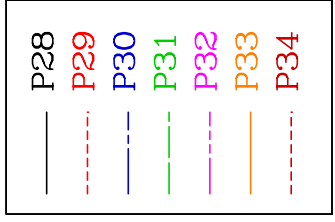
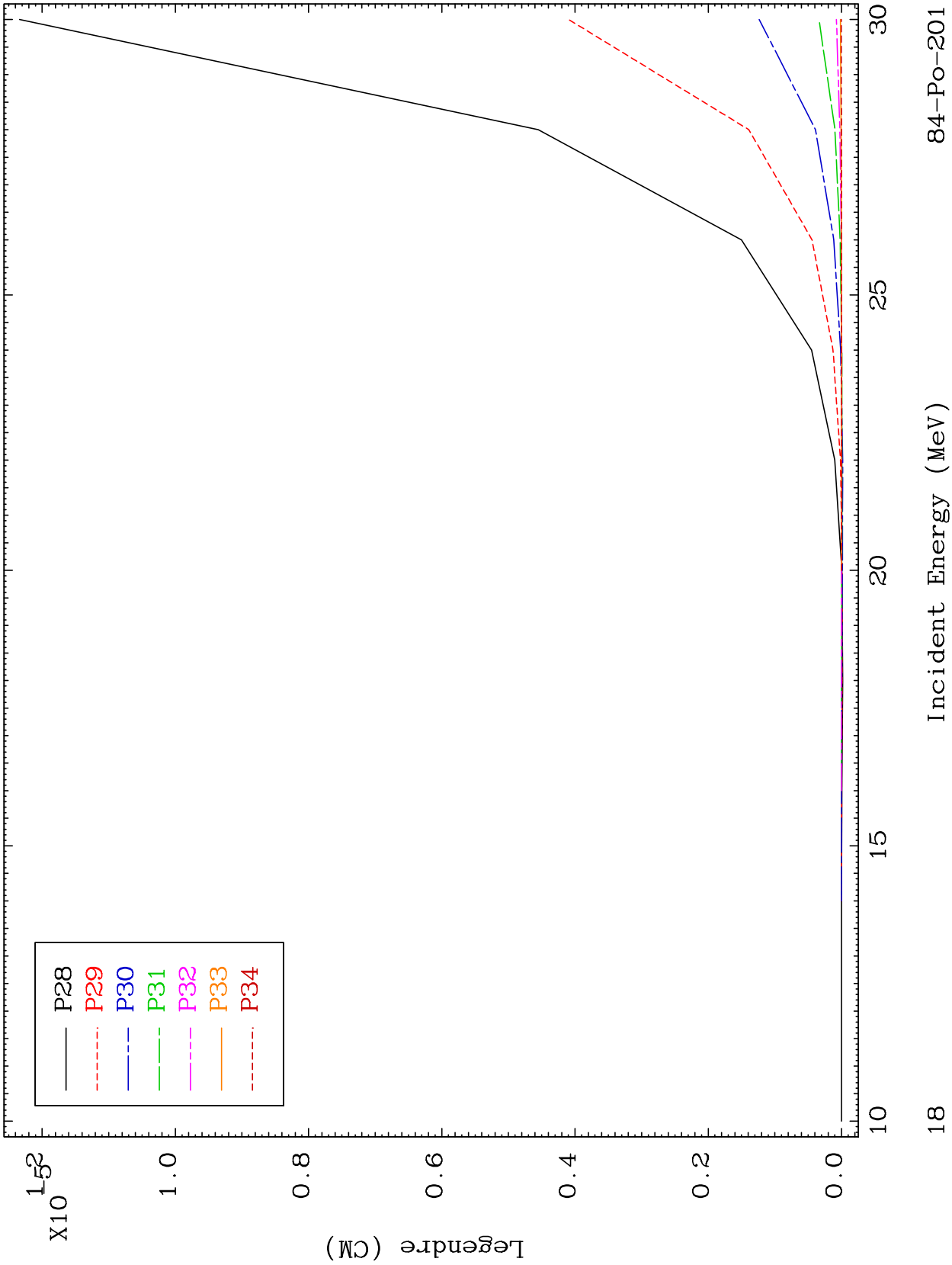
Incident Energy (MeV)

84-Po-201

MAT 8410

Elastic Legendre Coefficients

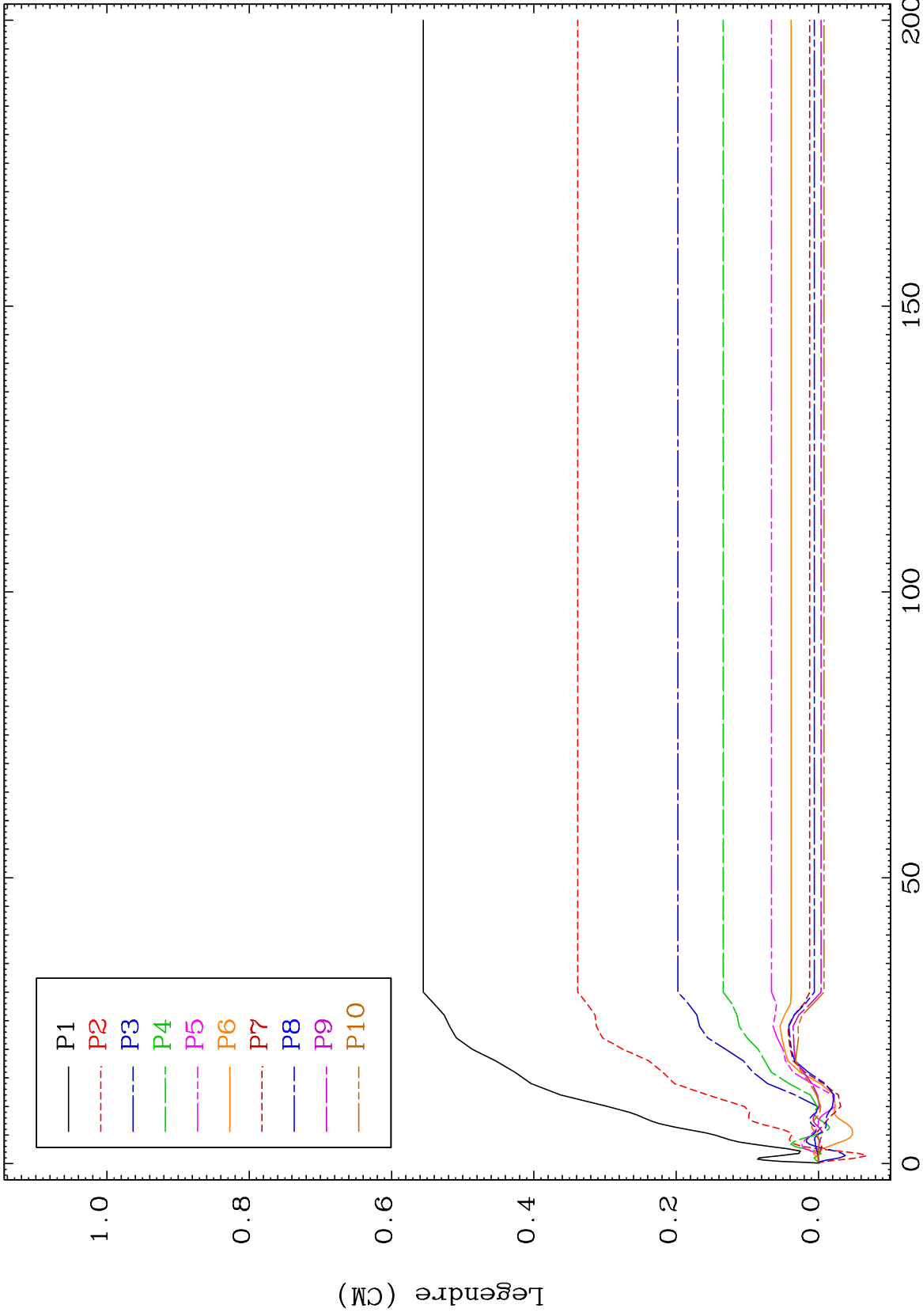
84-Po-201



MAT 8410

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

84-Po-201



19

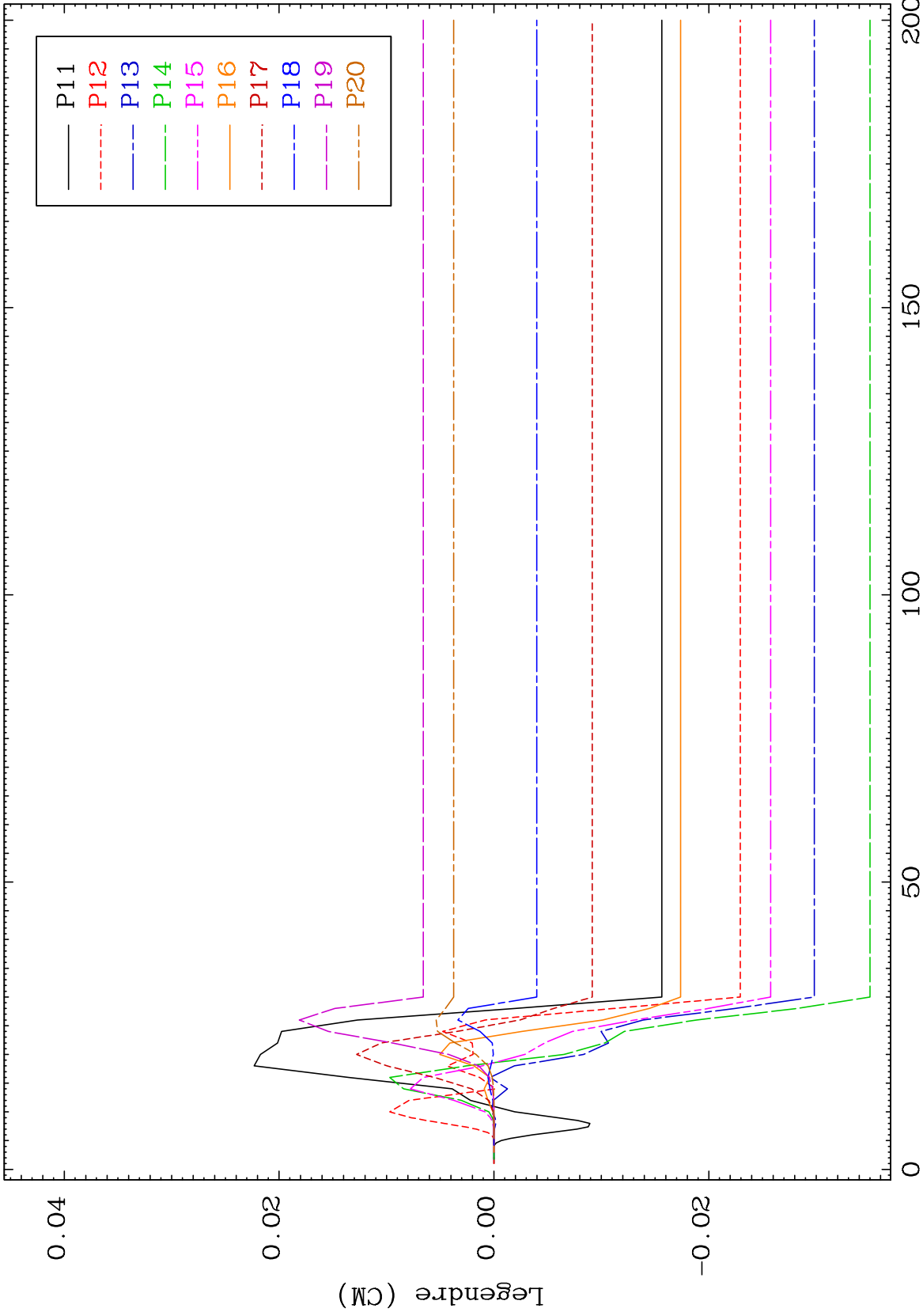
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



0

50

100

150

200

Incident Energy (MeV)

84-Po-201

0.04

0.02

0.00

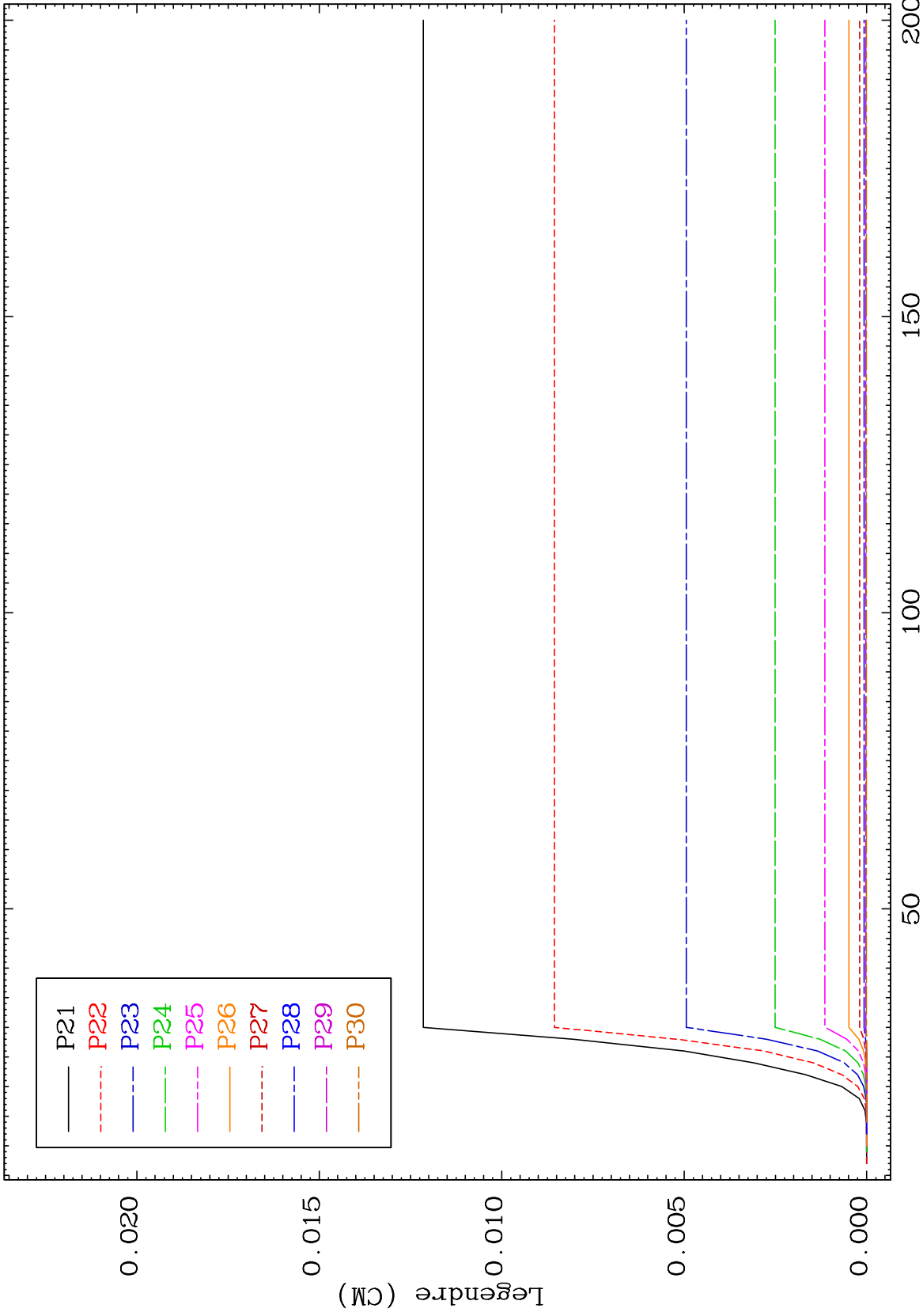
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Legendre (CM)

MAT 8410

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

84-Po-201



21

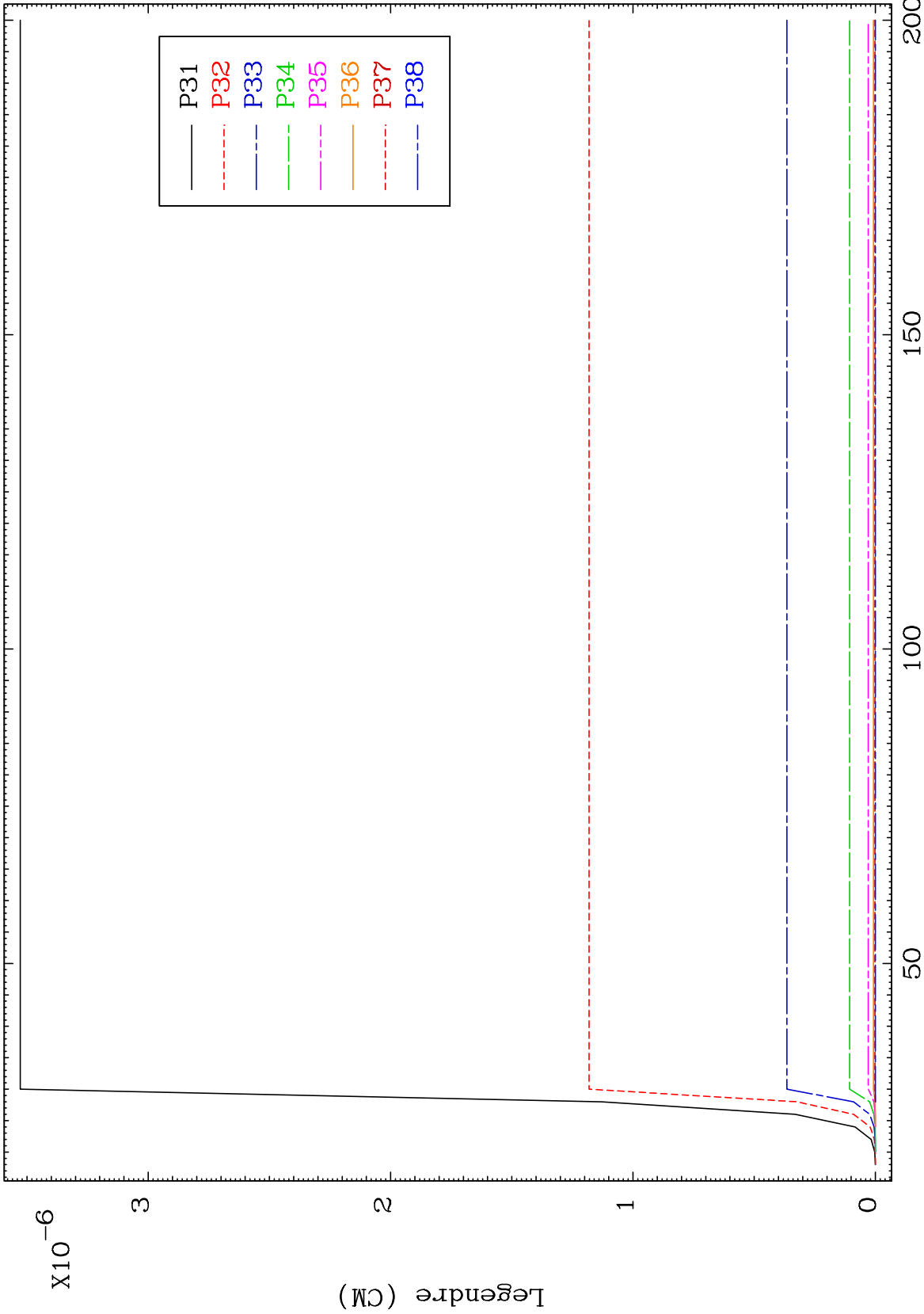
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



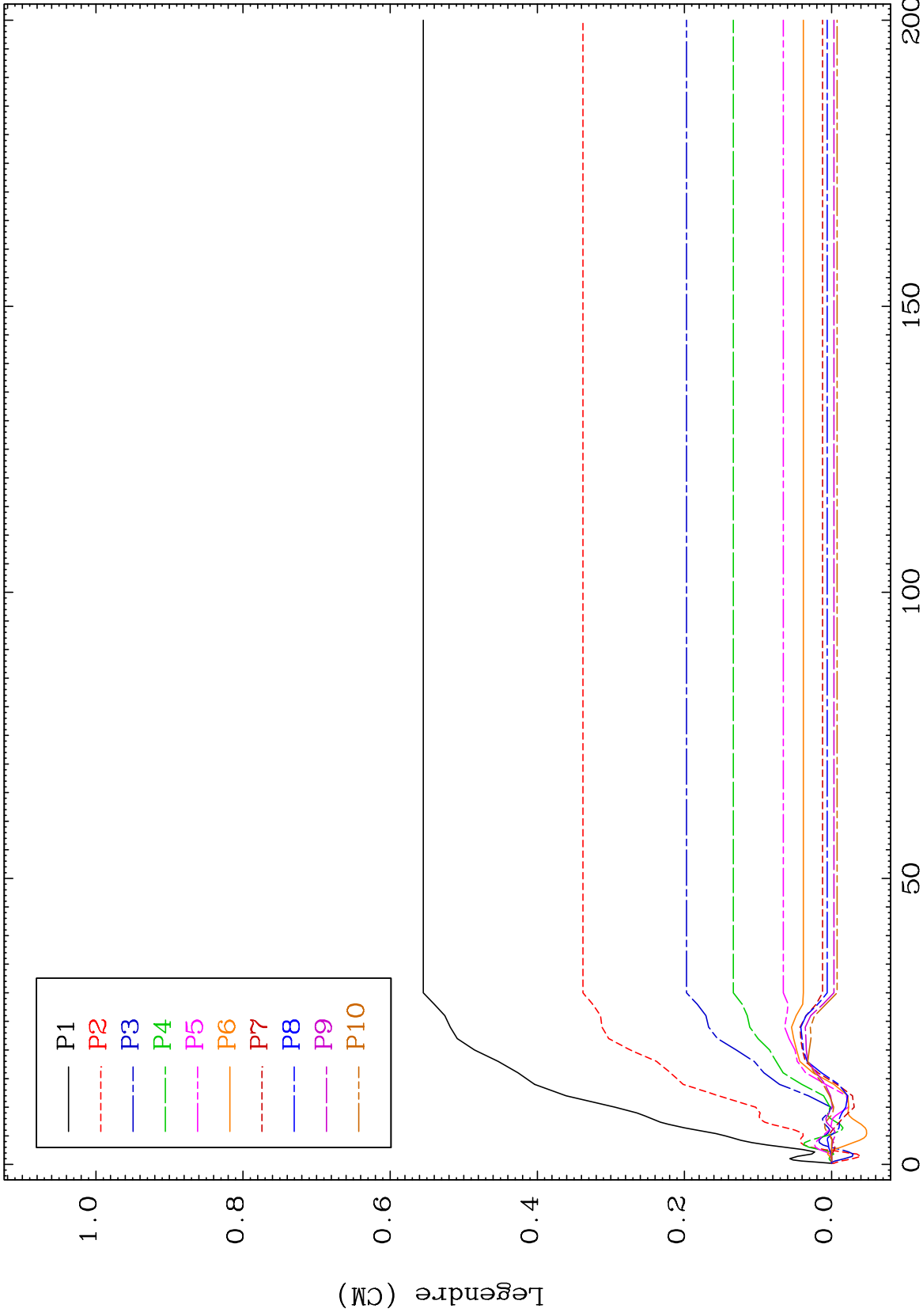
22

84-Po-201

MAT 8410

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

84-Po-201



23

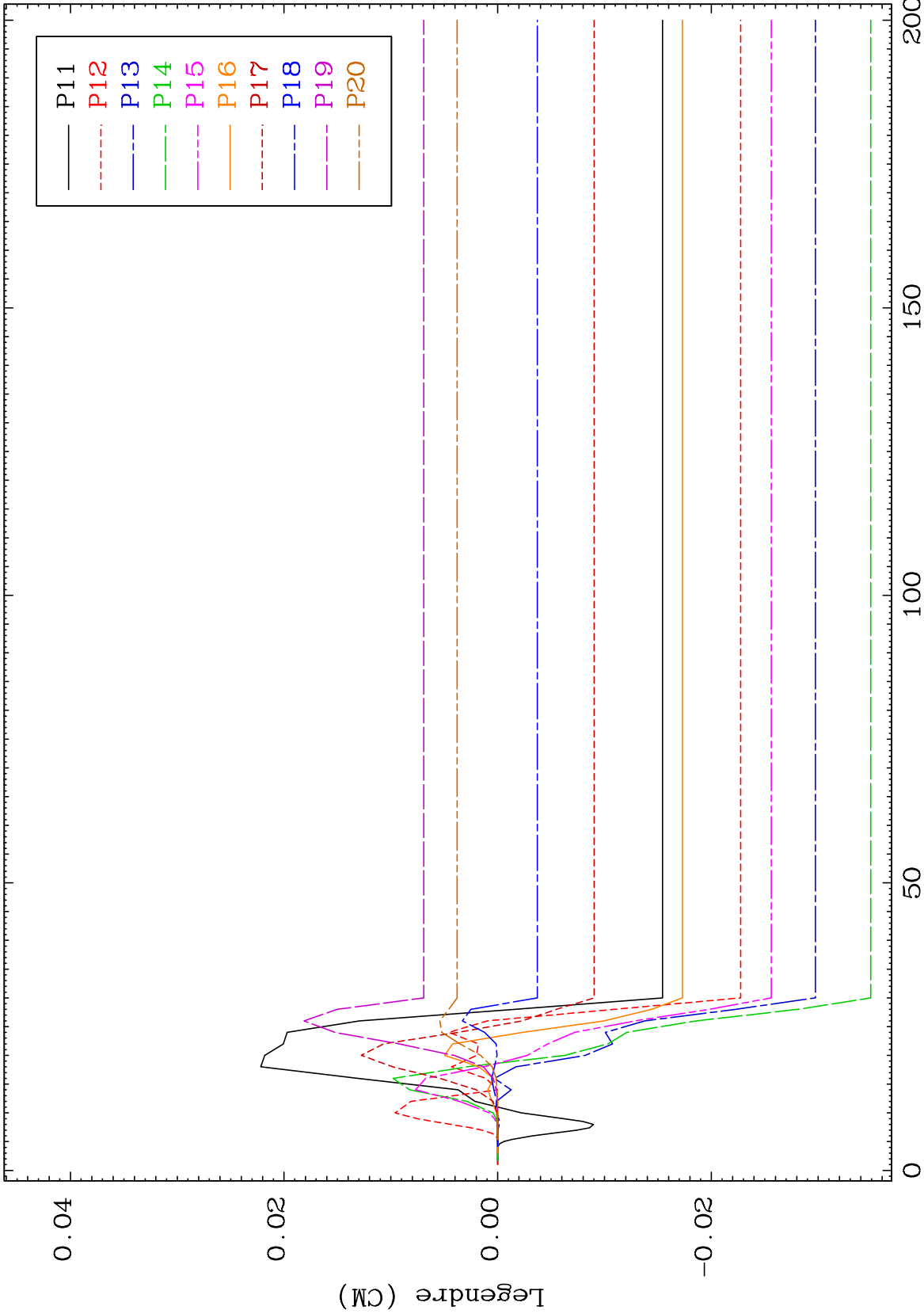
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



24

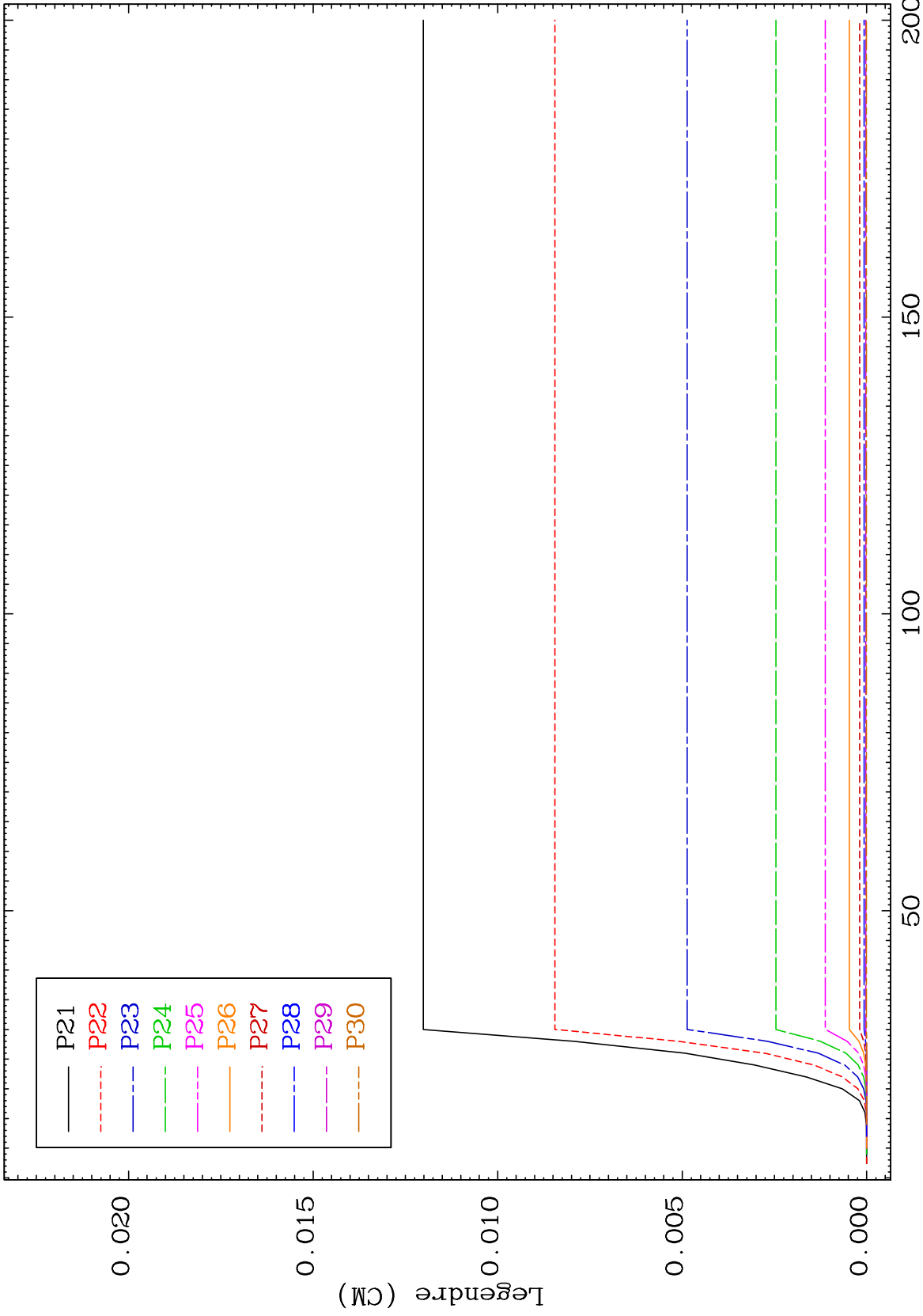
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



25

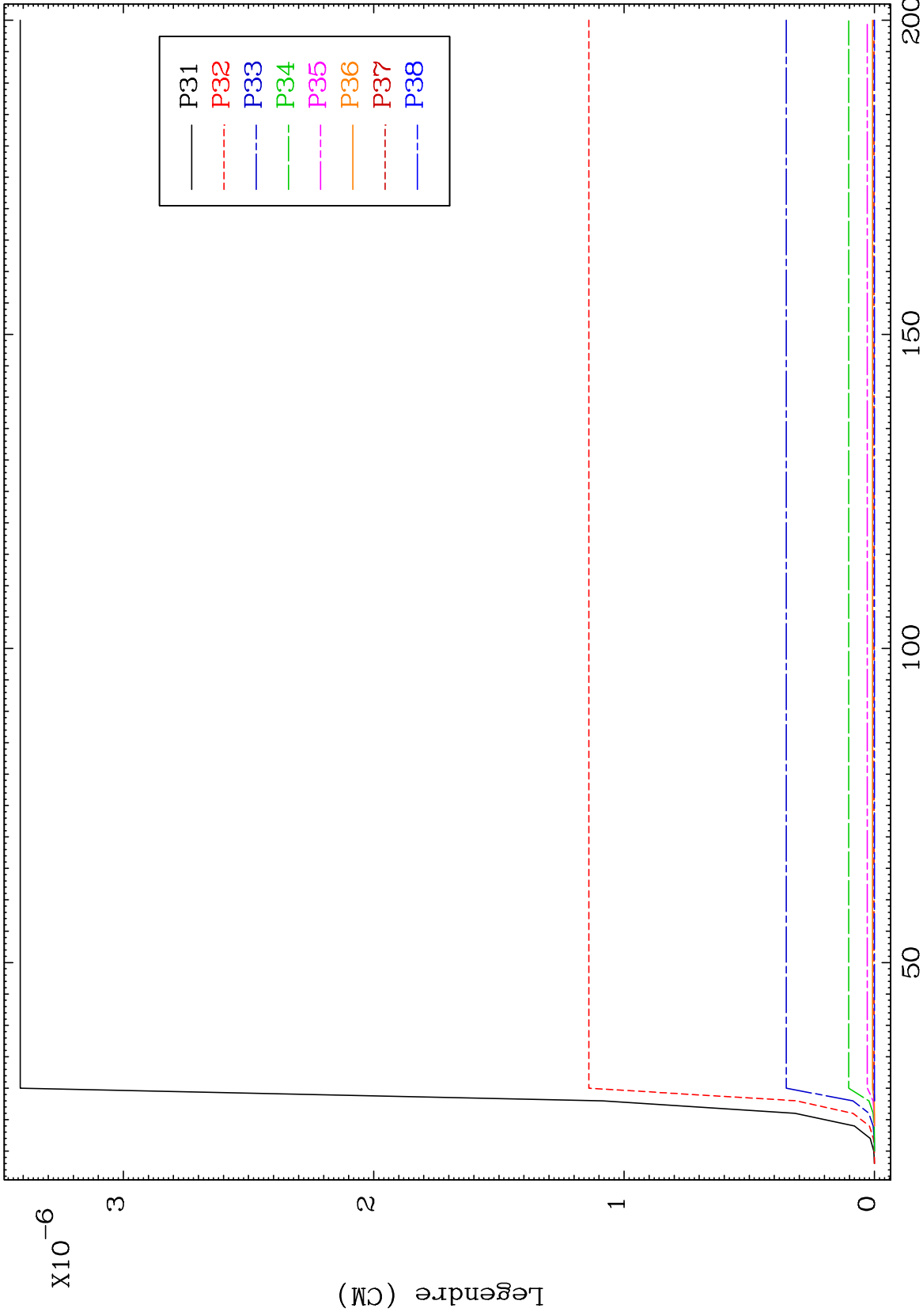
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



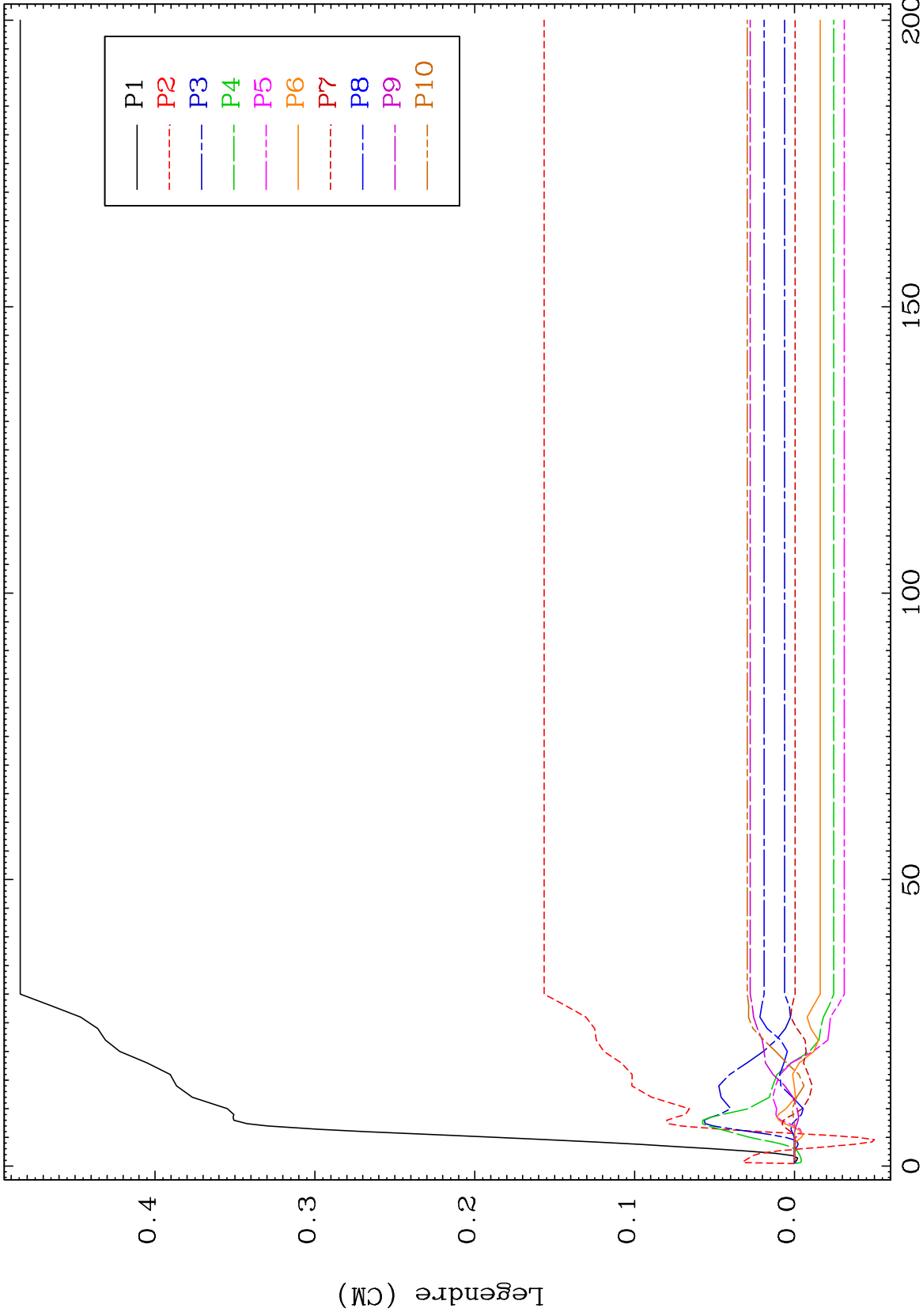
26

84-Po-201

MAT 8410

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

84-Po-201



27

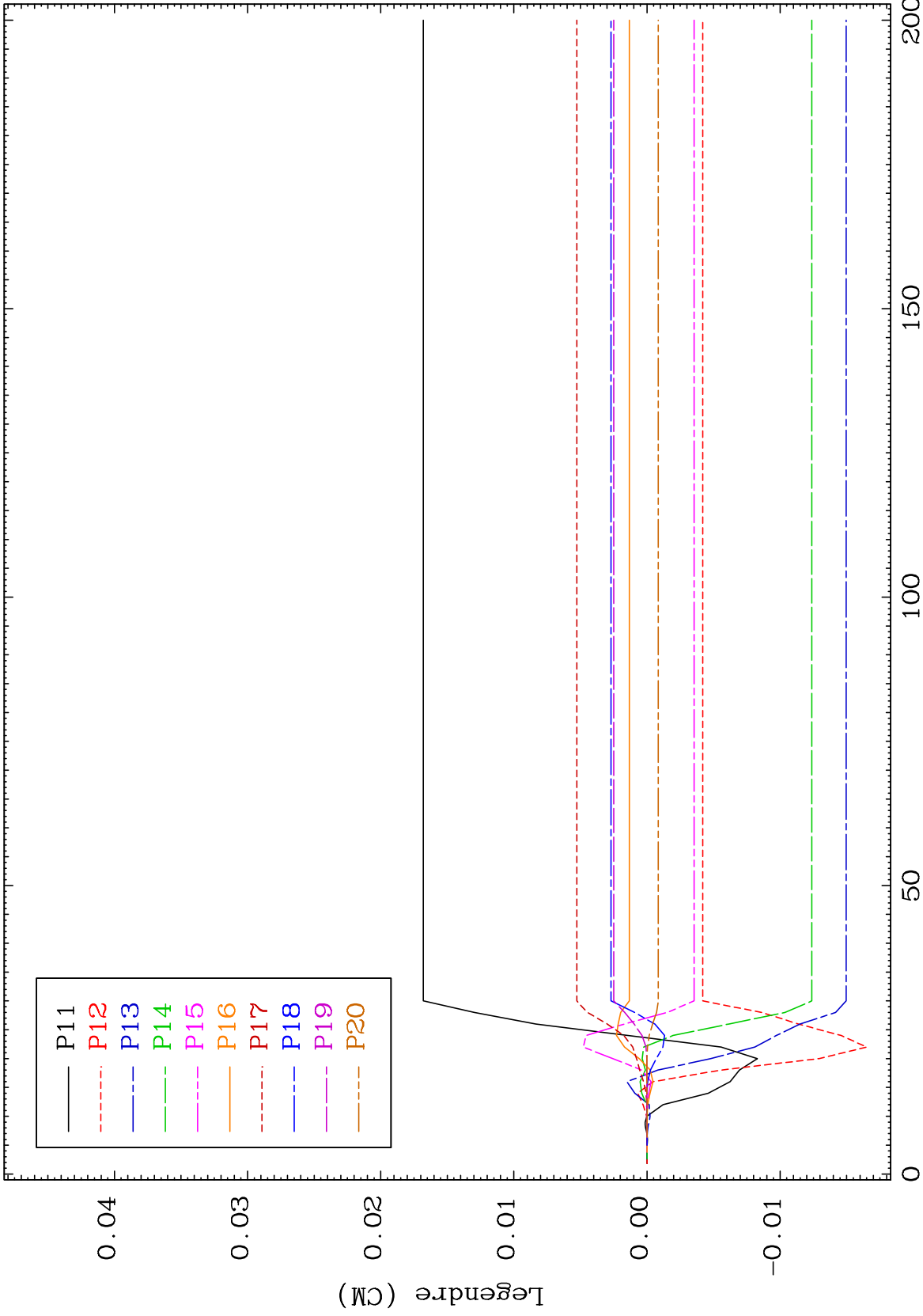
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



28

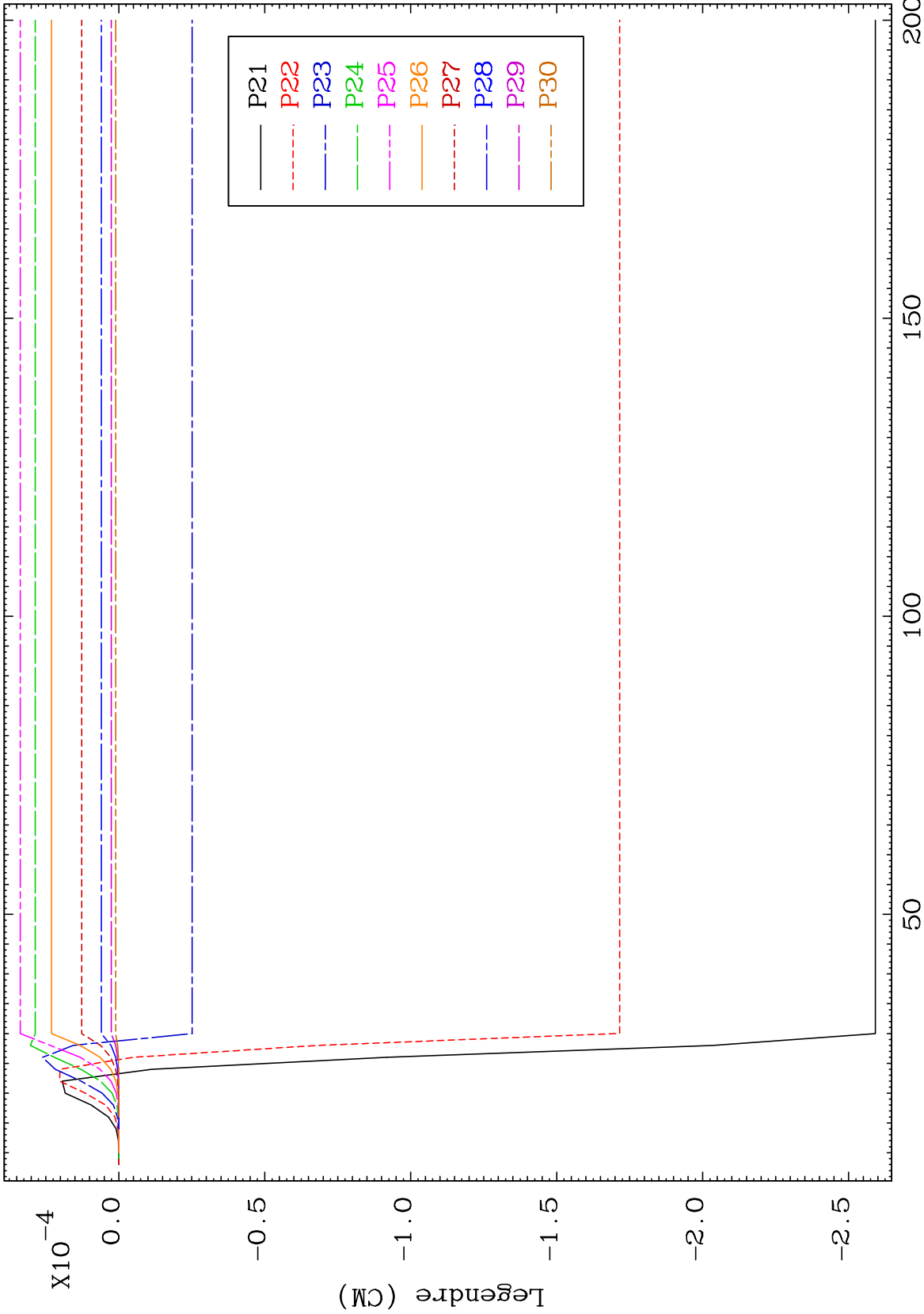
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



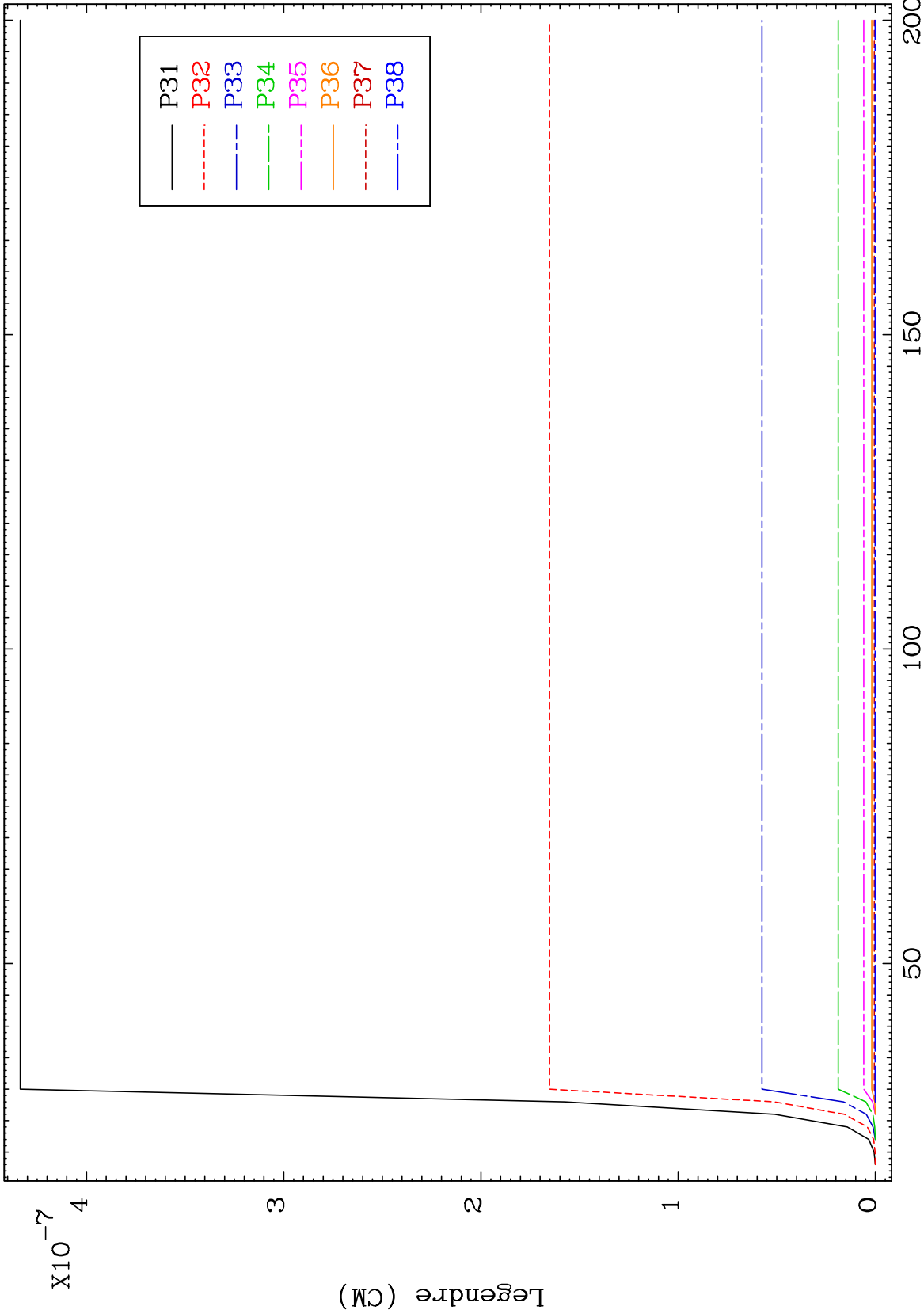
29

84-Po-201

MAT 8410

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

84-Po-201



30

Incident Energy (MeV)

50

100

150

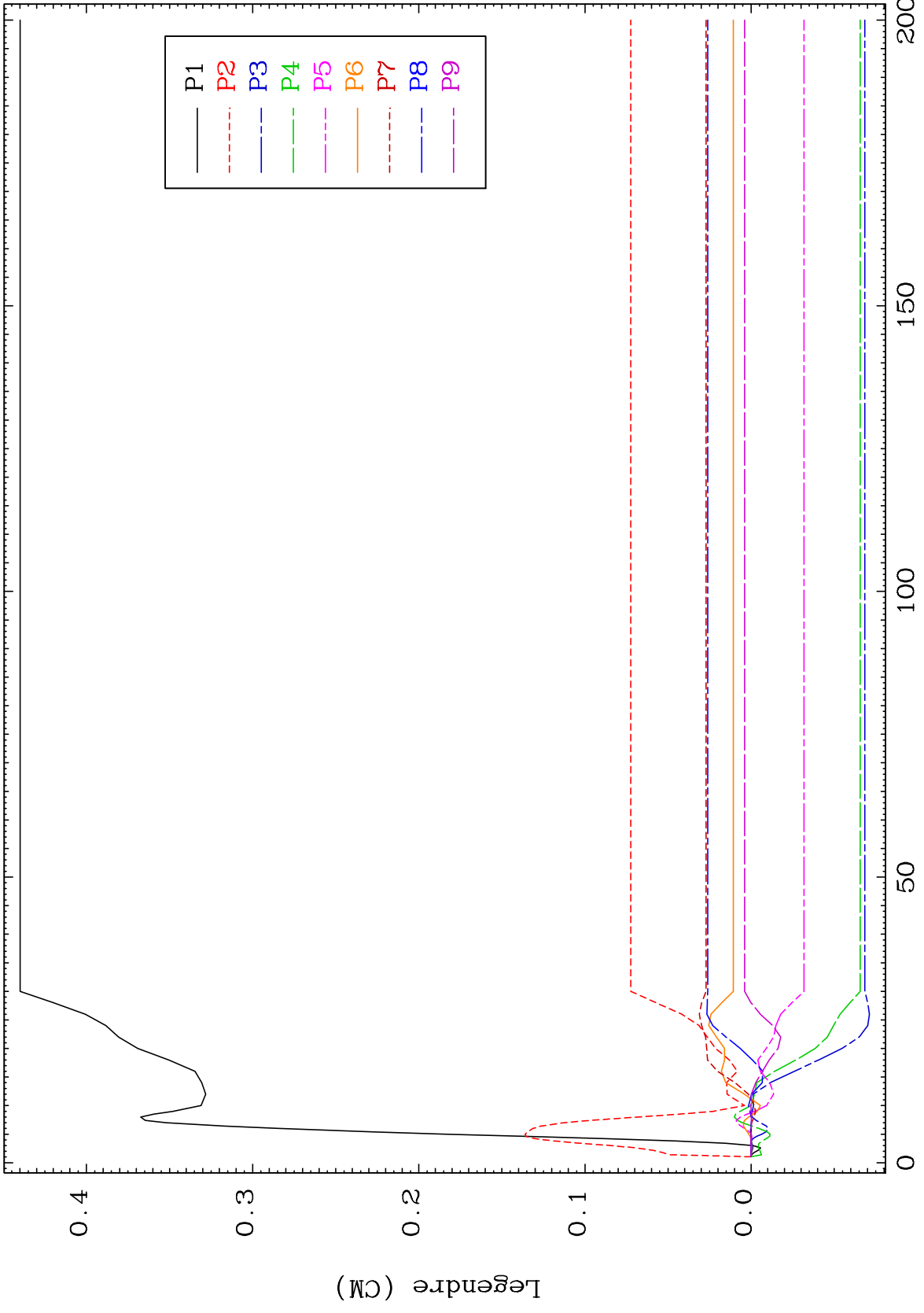
200

84-Po-201

MAT 8410

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

84-Po-201



31

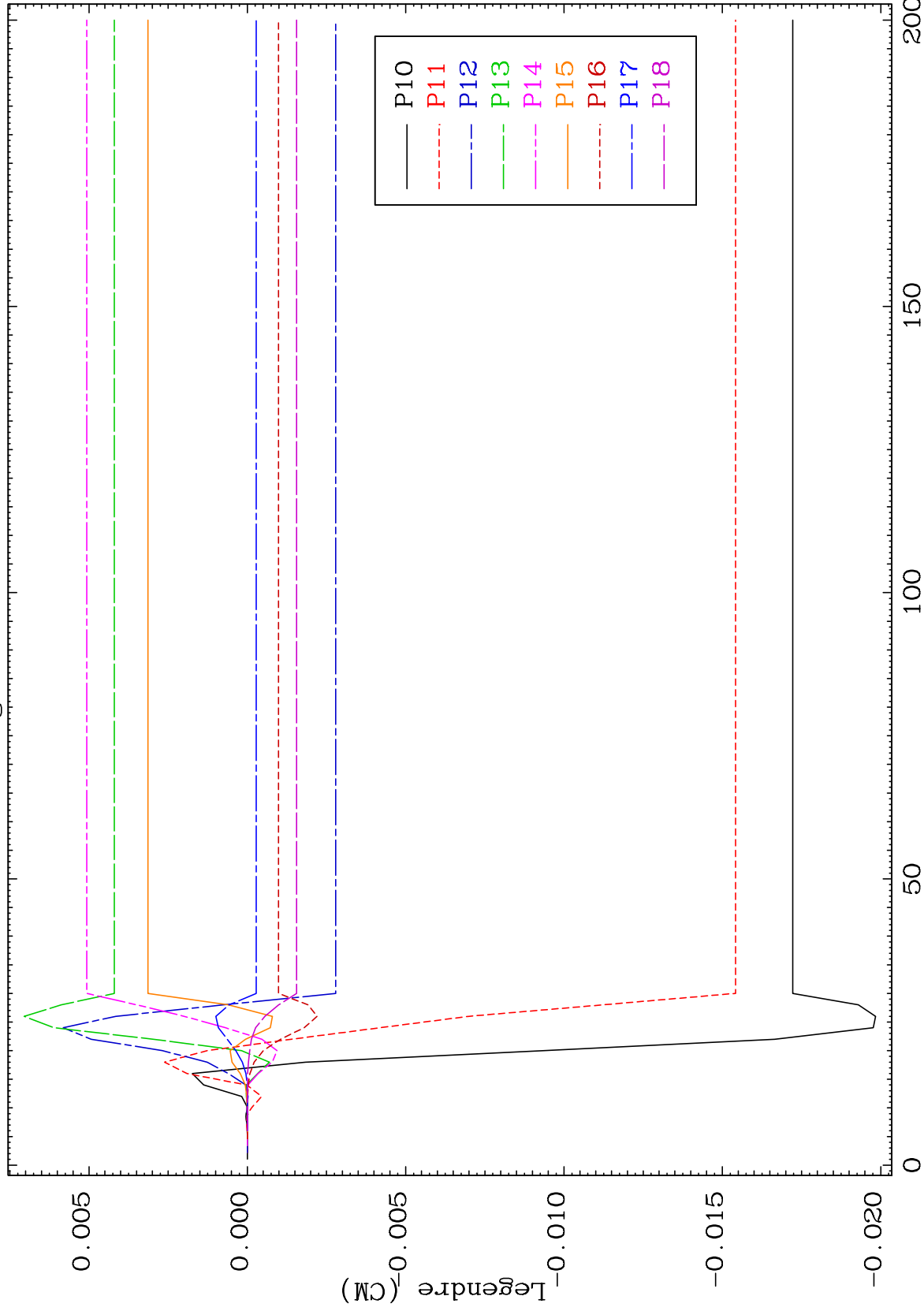
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



32

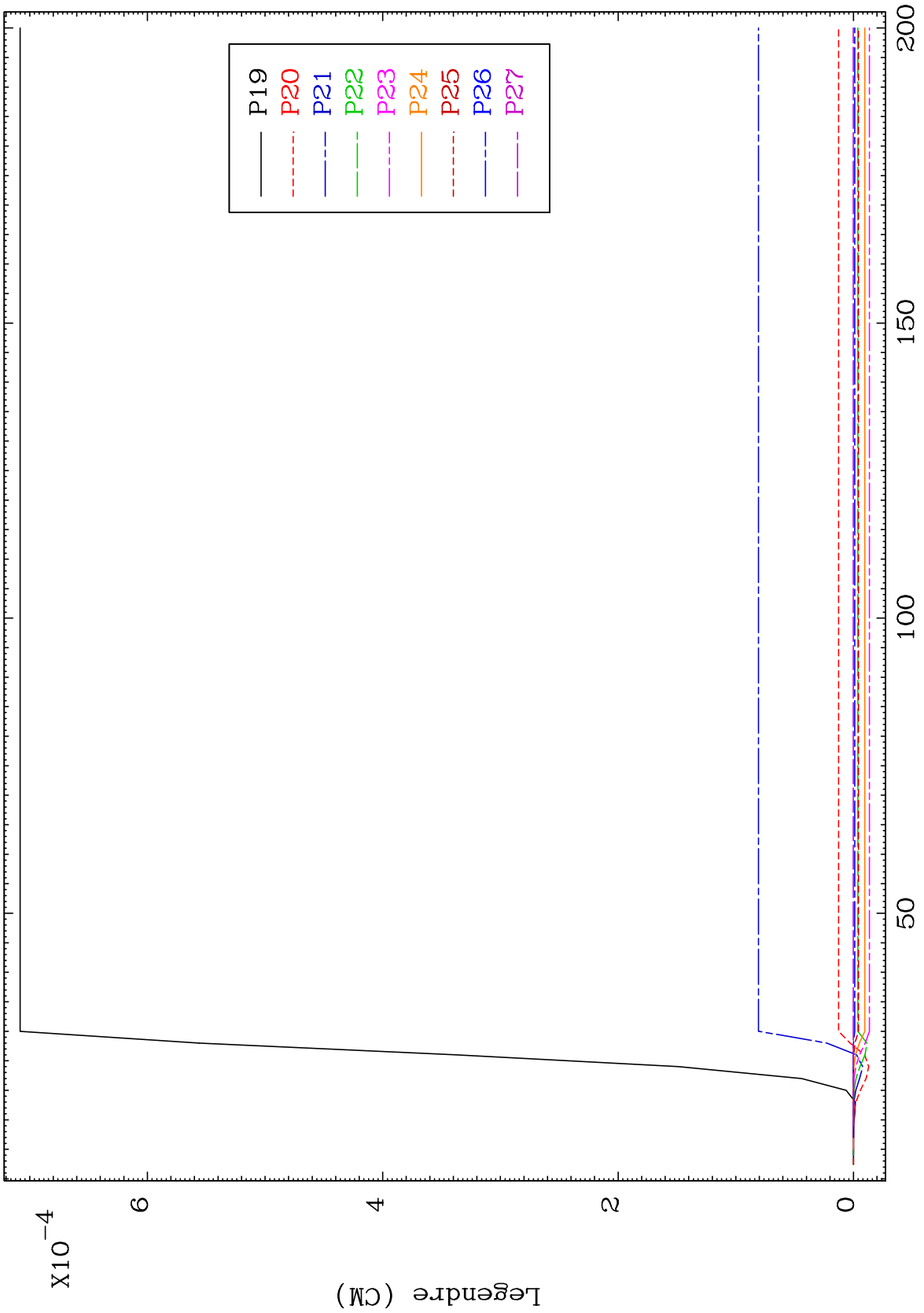
Incident Energy (MeV)

84-Po-201

MAT 8410

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

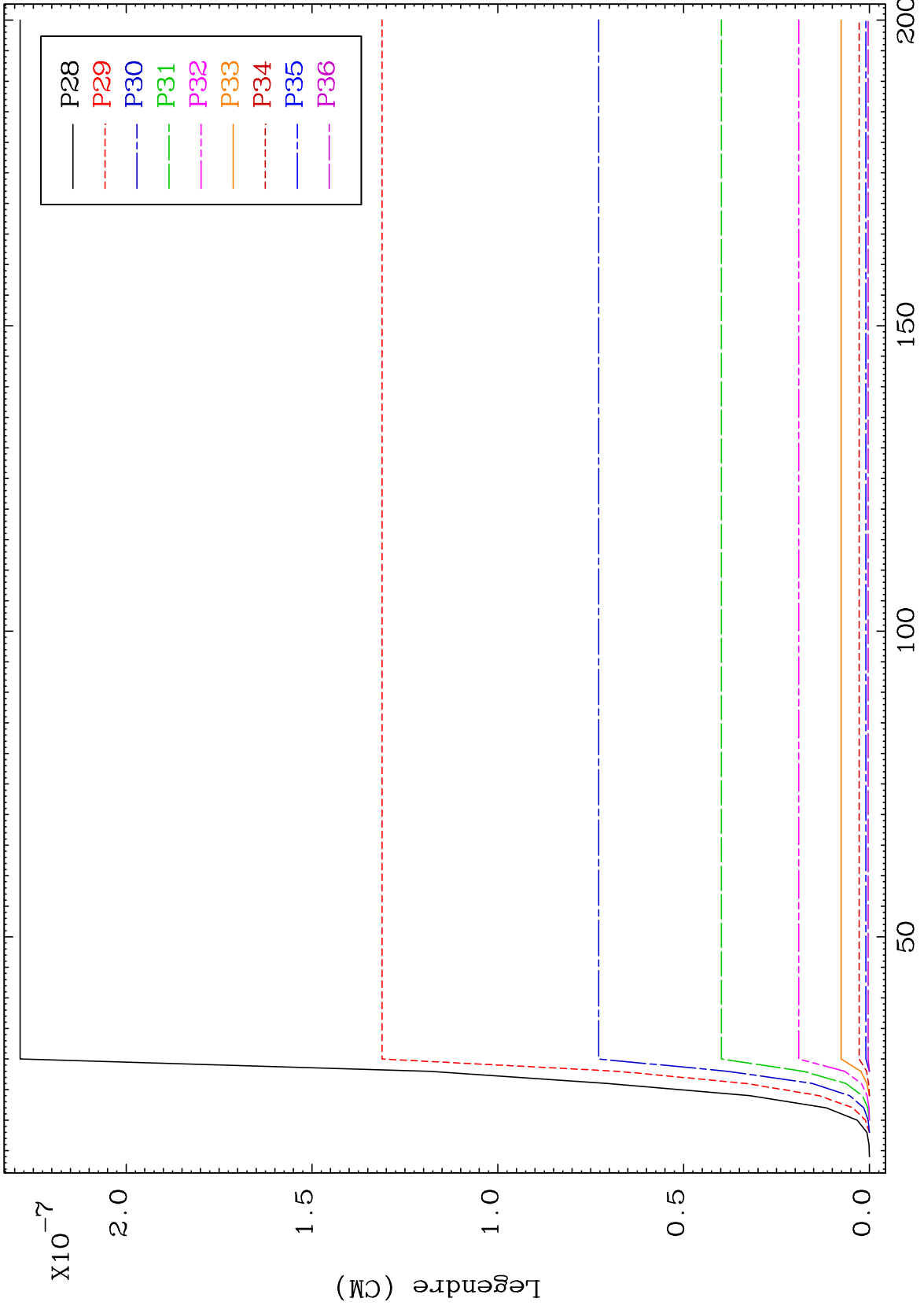
84-Po-201



33

84-Po-201

MAT 8410 MT= 54 (n,n') Level Legendre Coefficients 84-Po-201

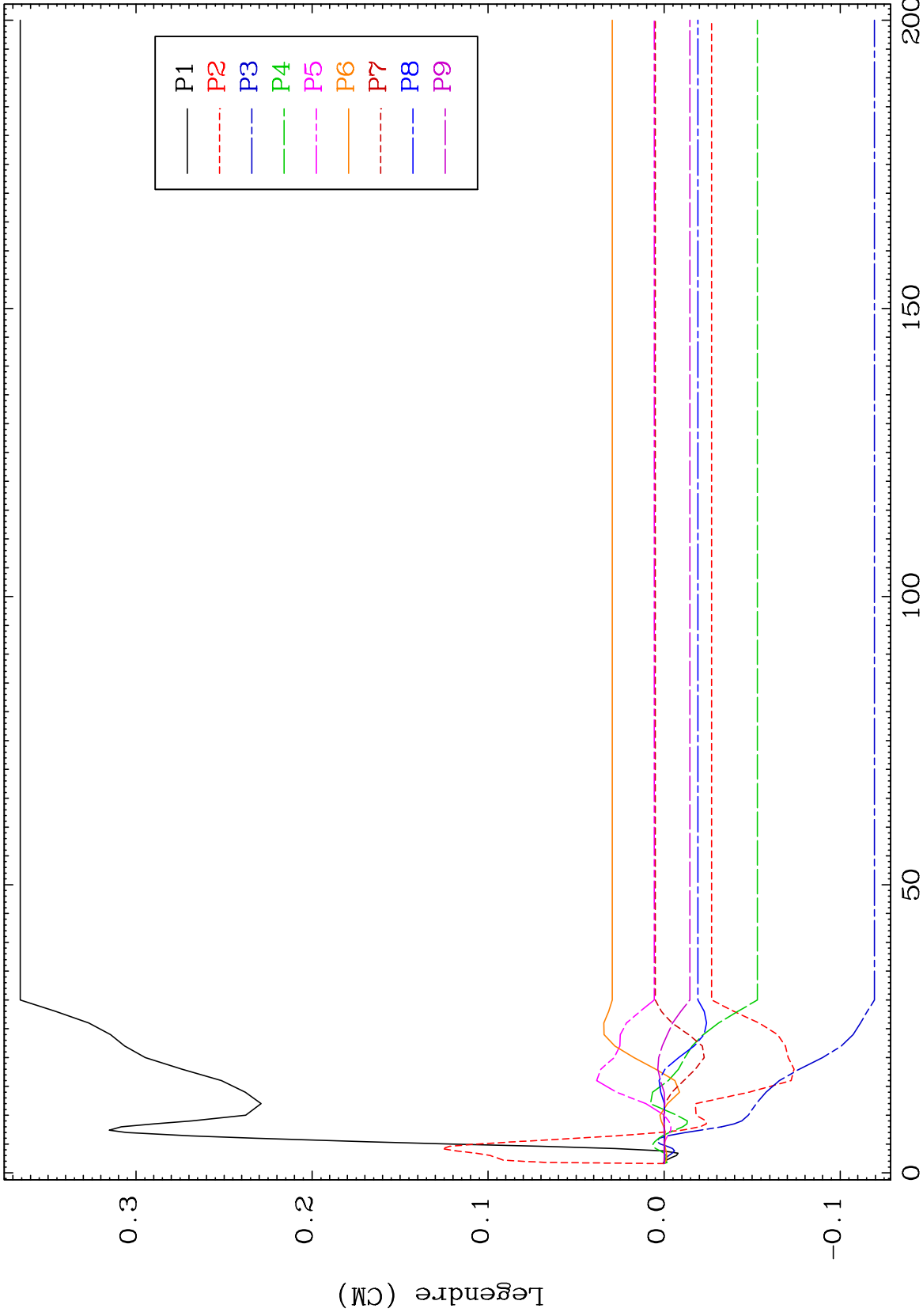


34 84-Po-201

MAT 8410

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

84-Po-201



35

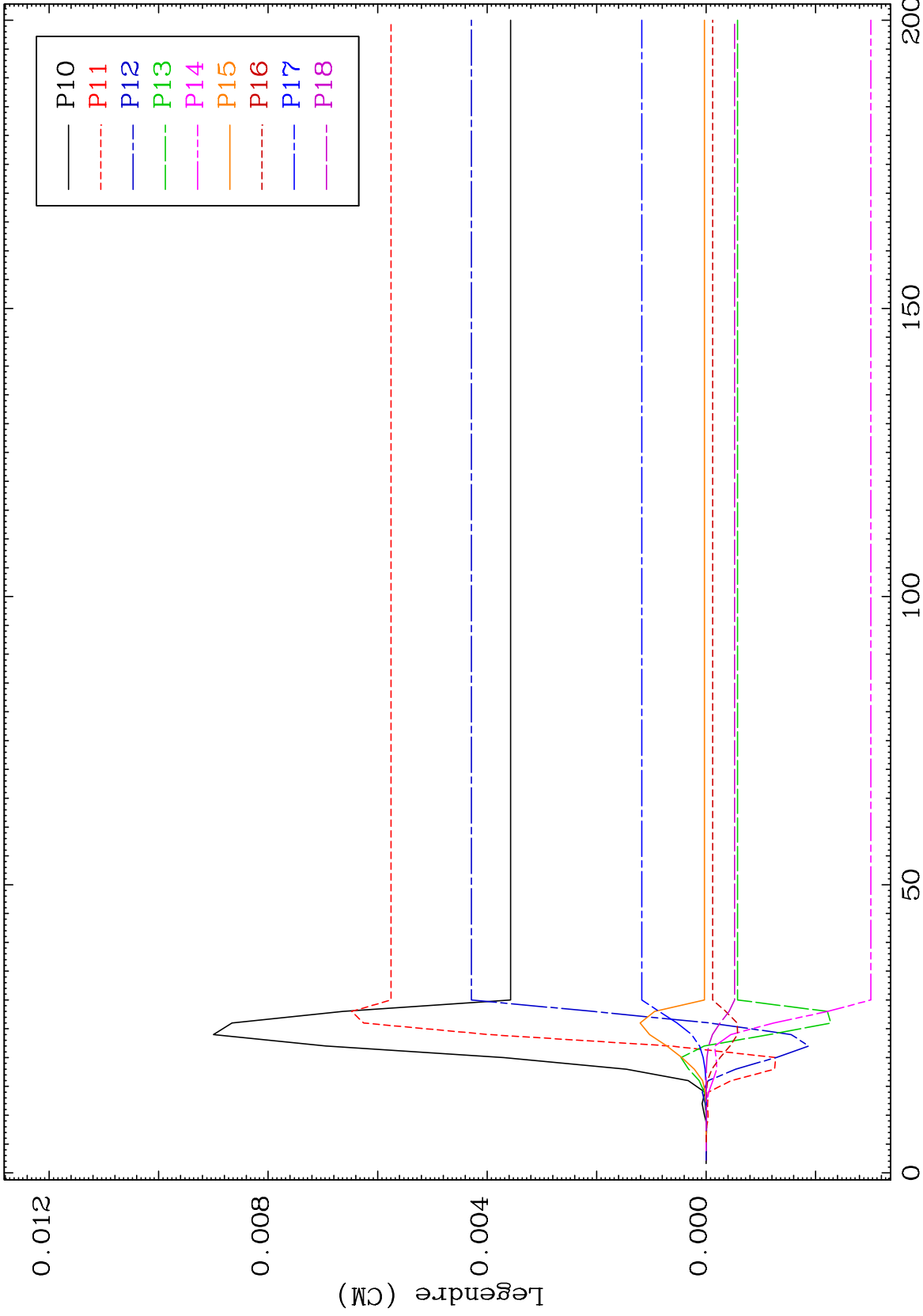
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



36

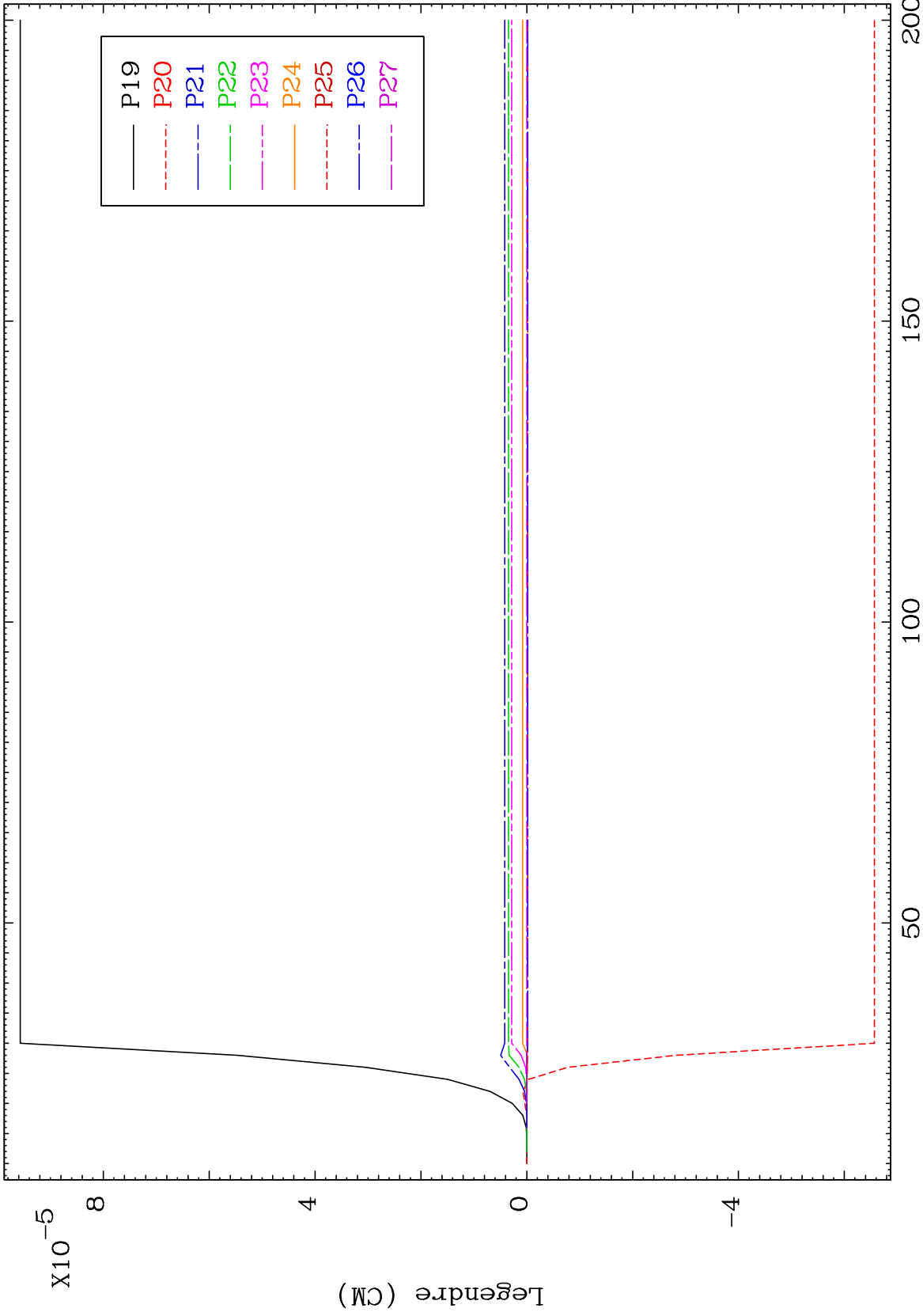
Incident Energy (MeV)

84-Po-201

MAT 8410

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

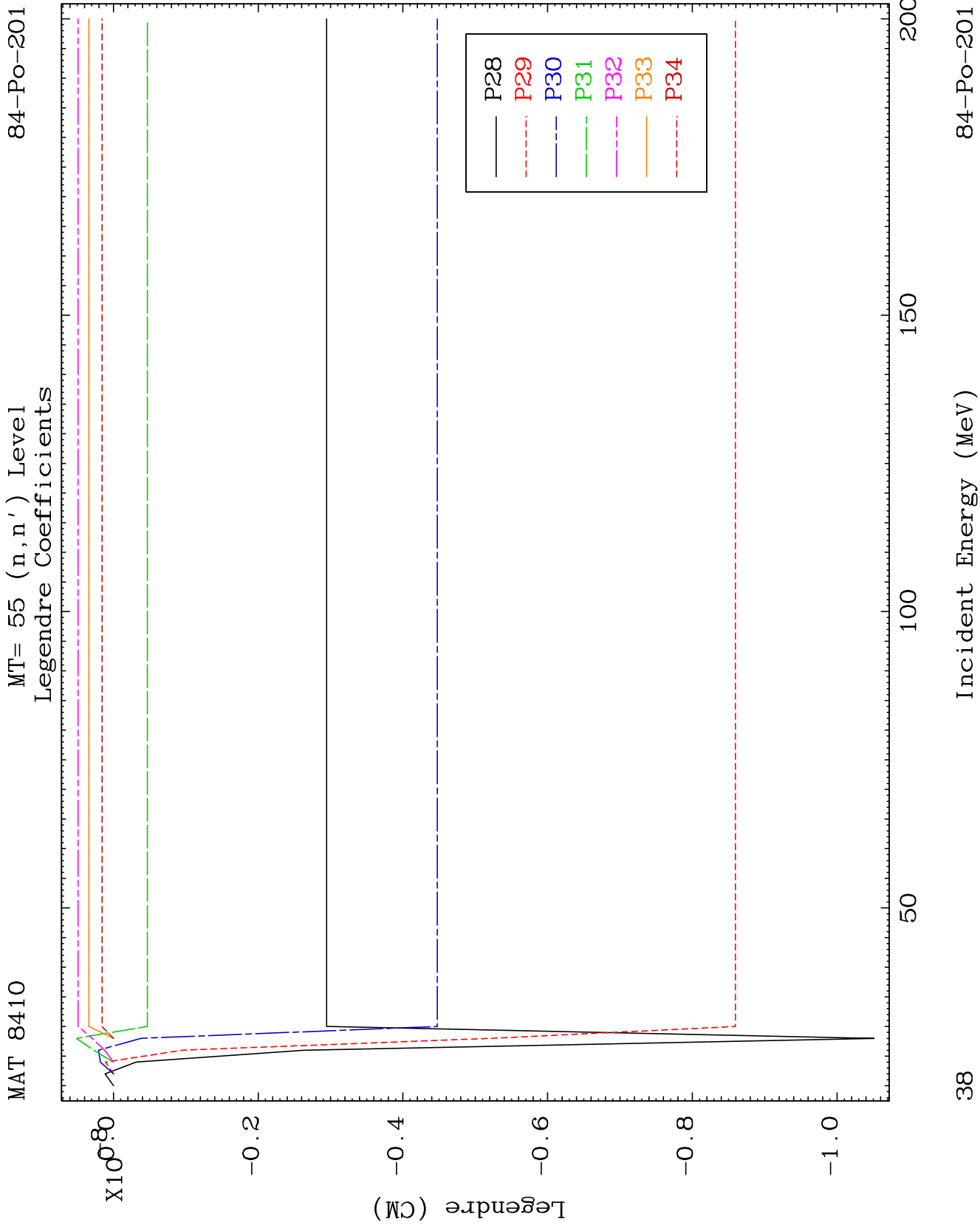
84-Po-201



37

Incident Energy (MeV)

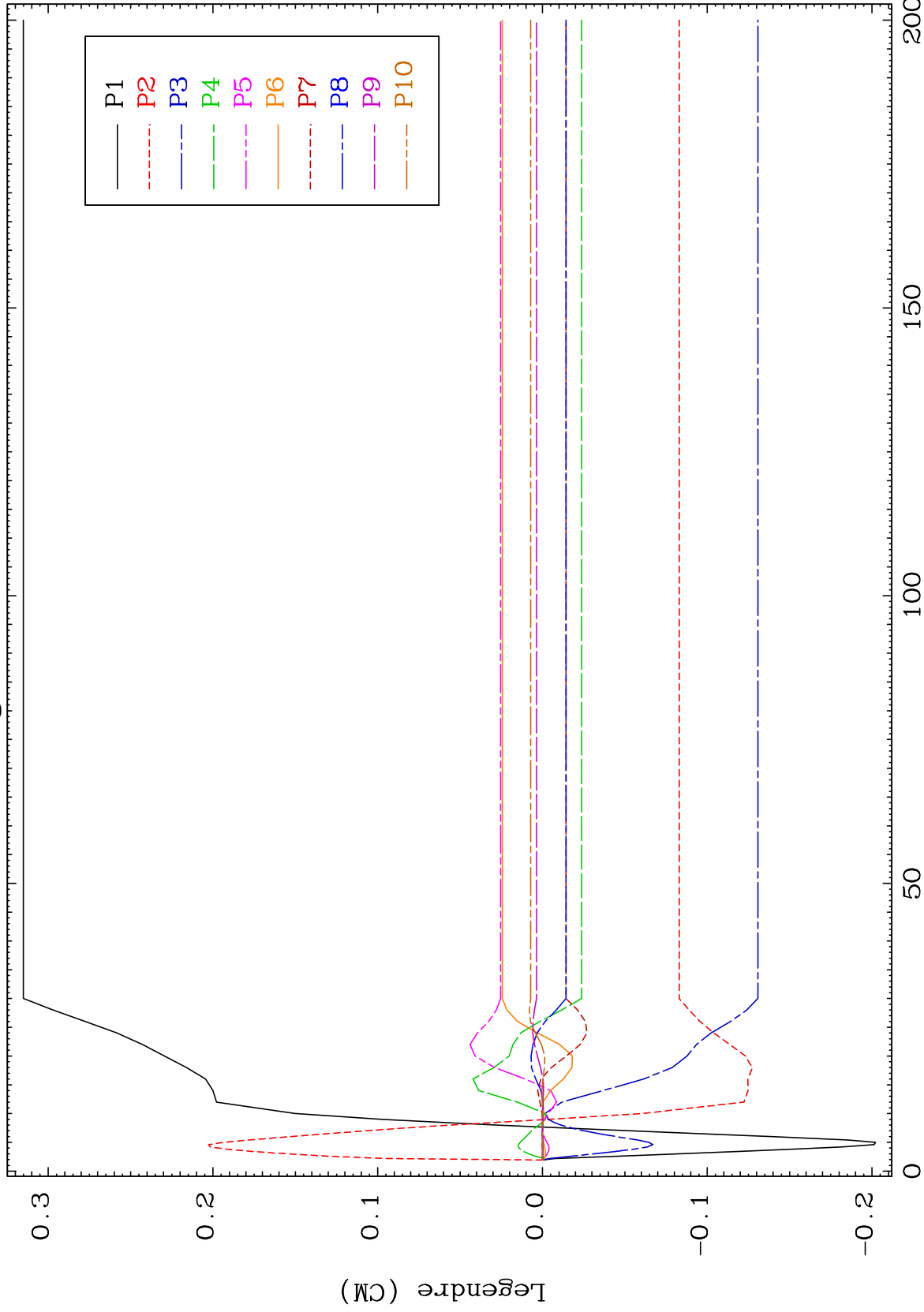
84-Po-201



MAT 8410

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

84-Po-201



39

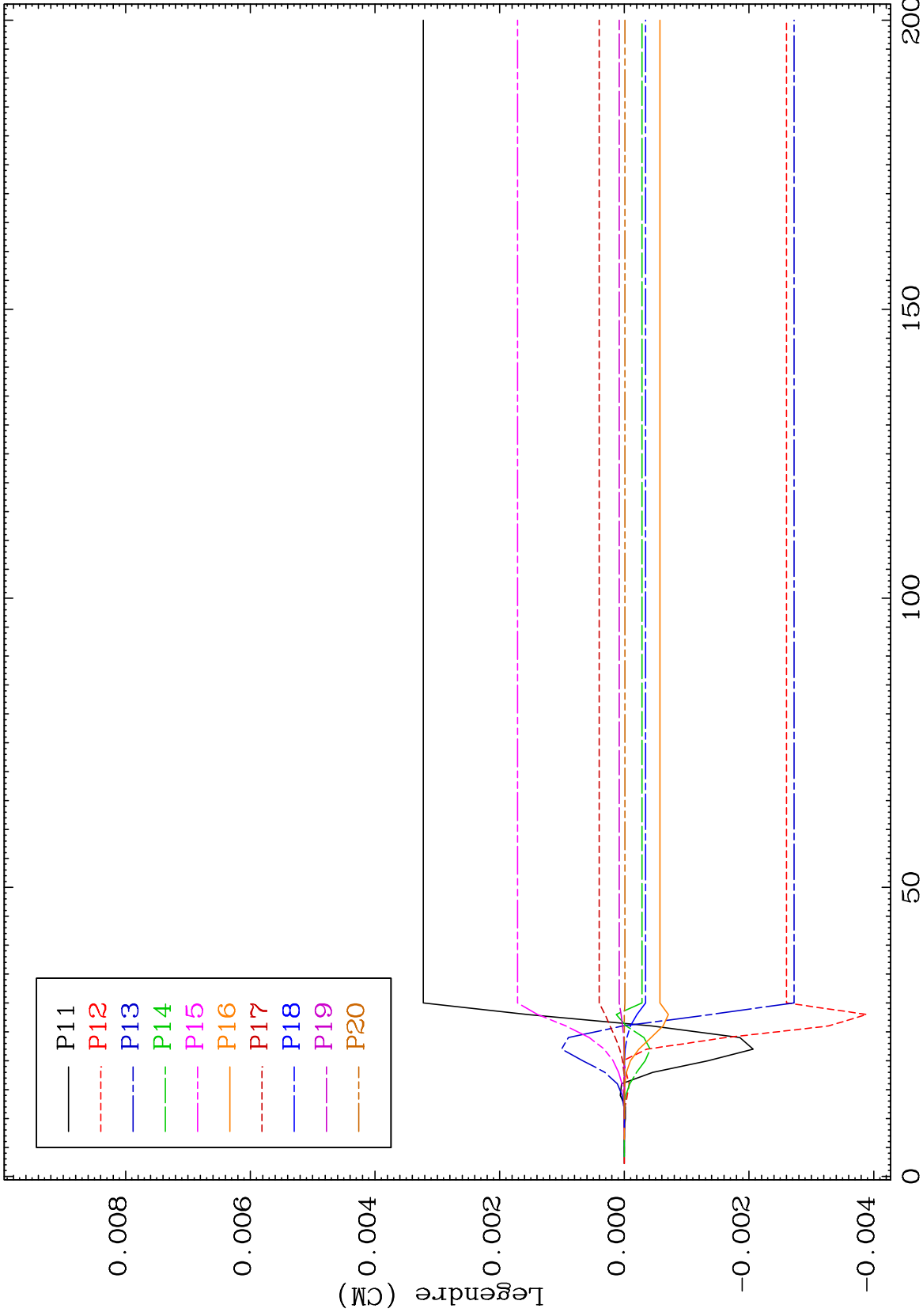
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201

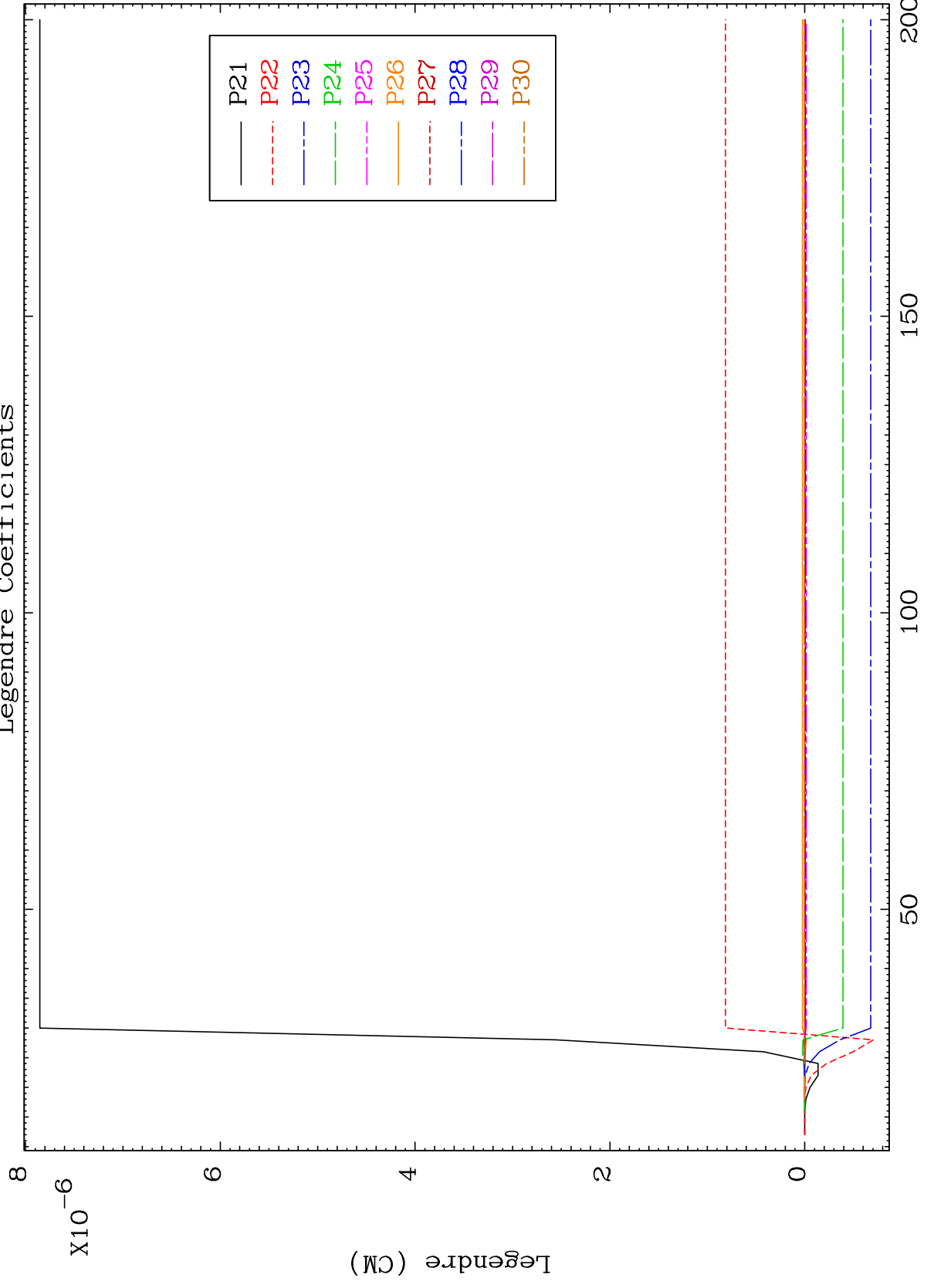


40

Incident Energy (MeV)

84-Po-201

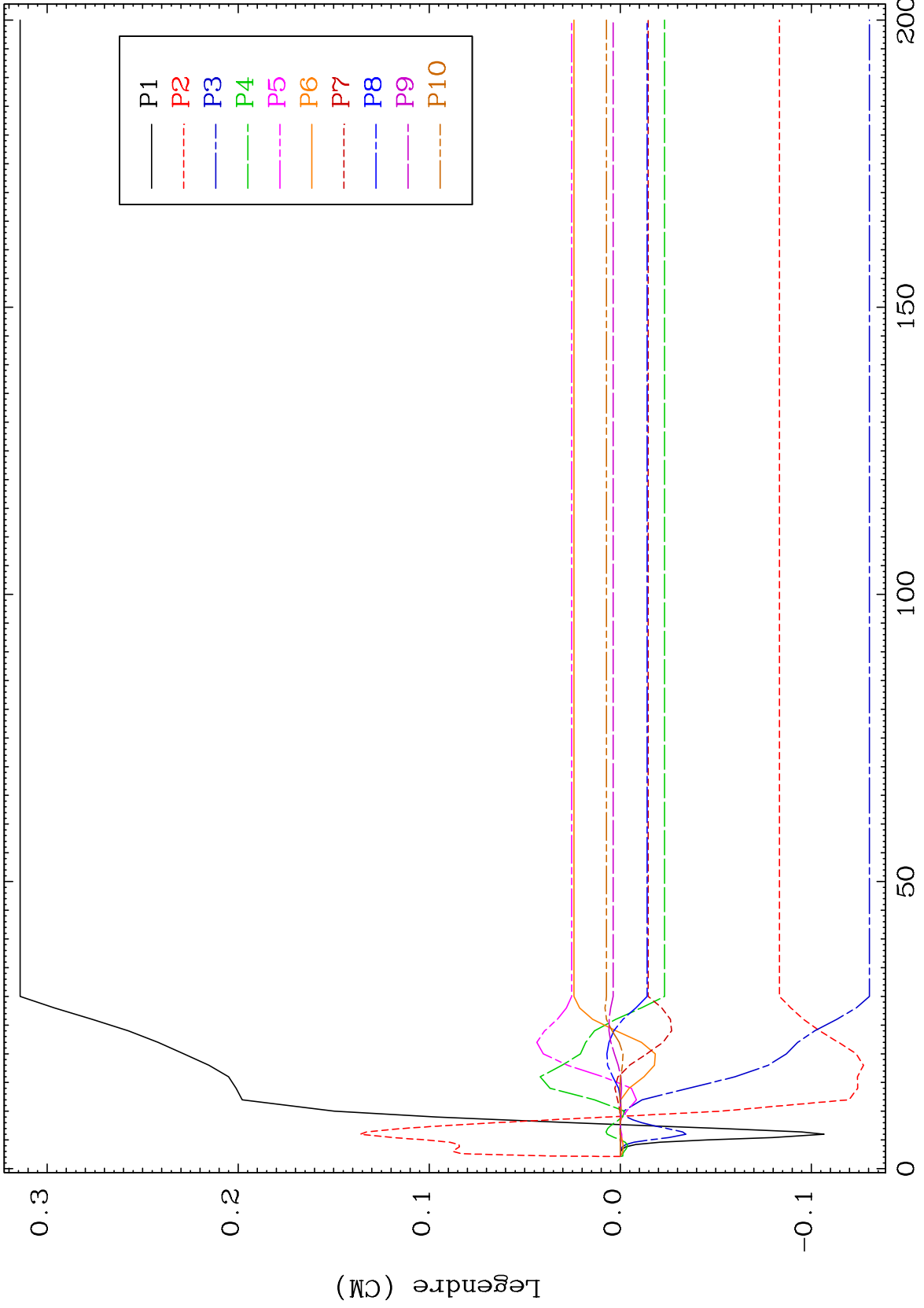
MAT 8410 MT= 56 (n,n') Level Legendre Coefficients 84-Po-201



MAT 8410

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

84-Po-201



42

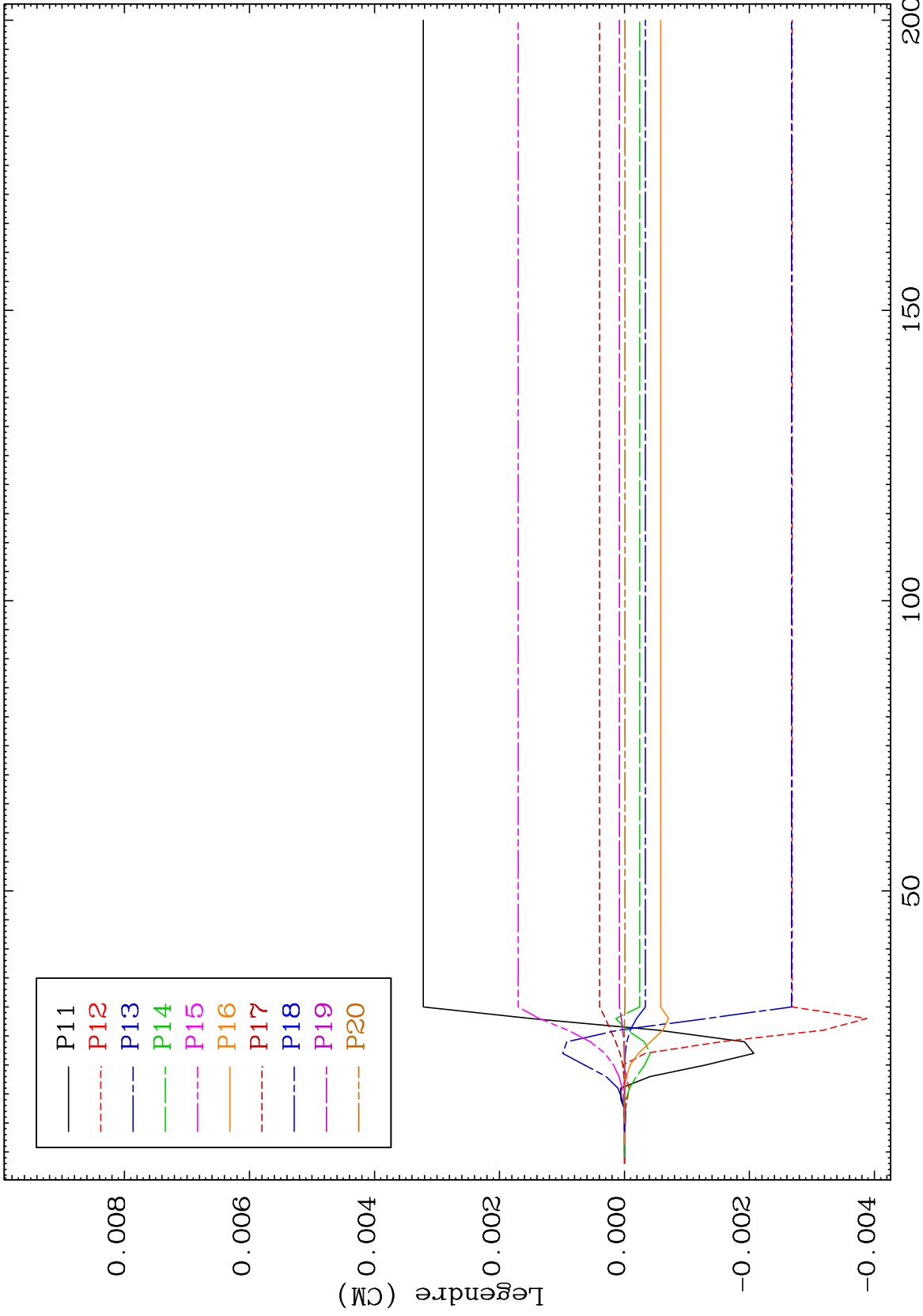
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



43

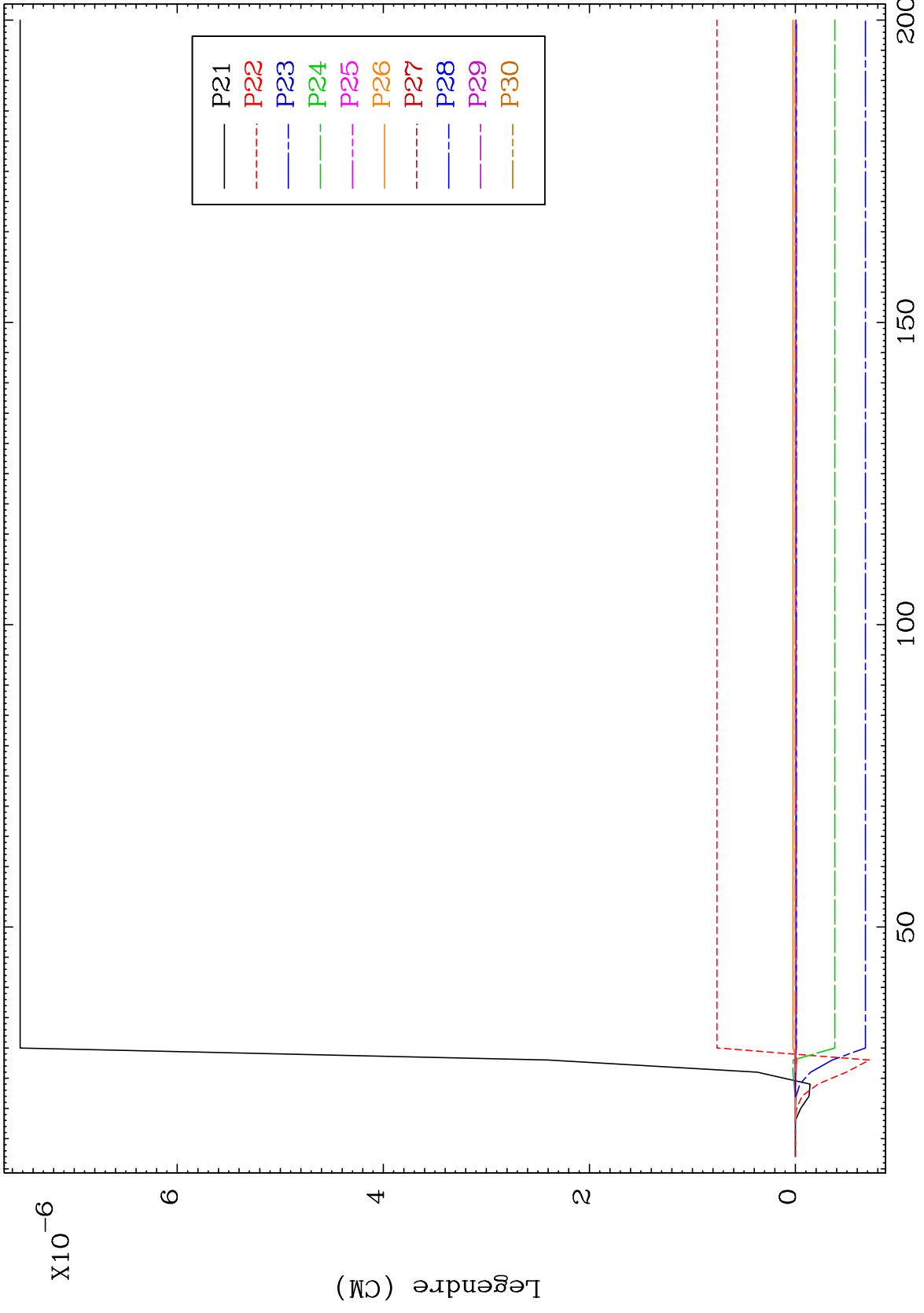
Incident Energy (MeV)

84-Po-201

MAT 8410

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

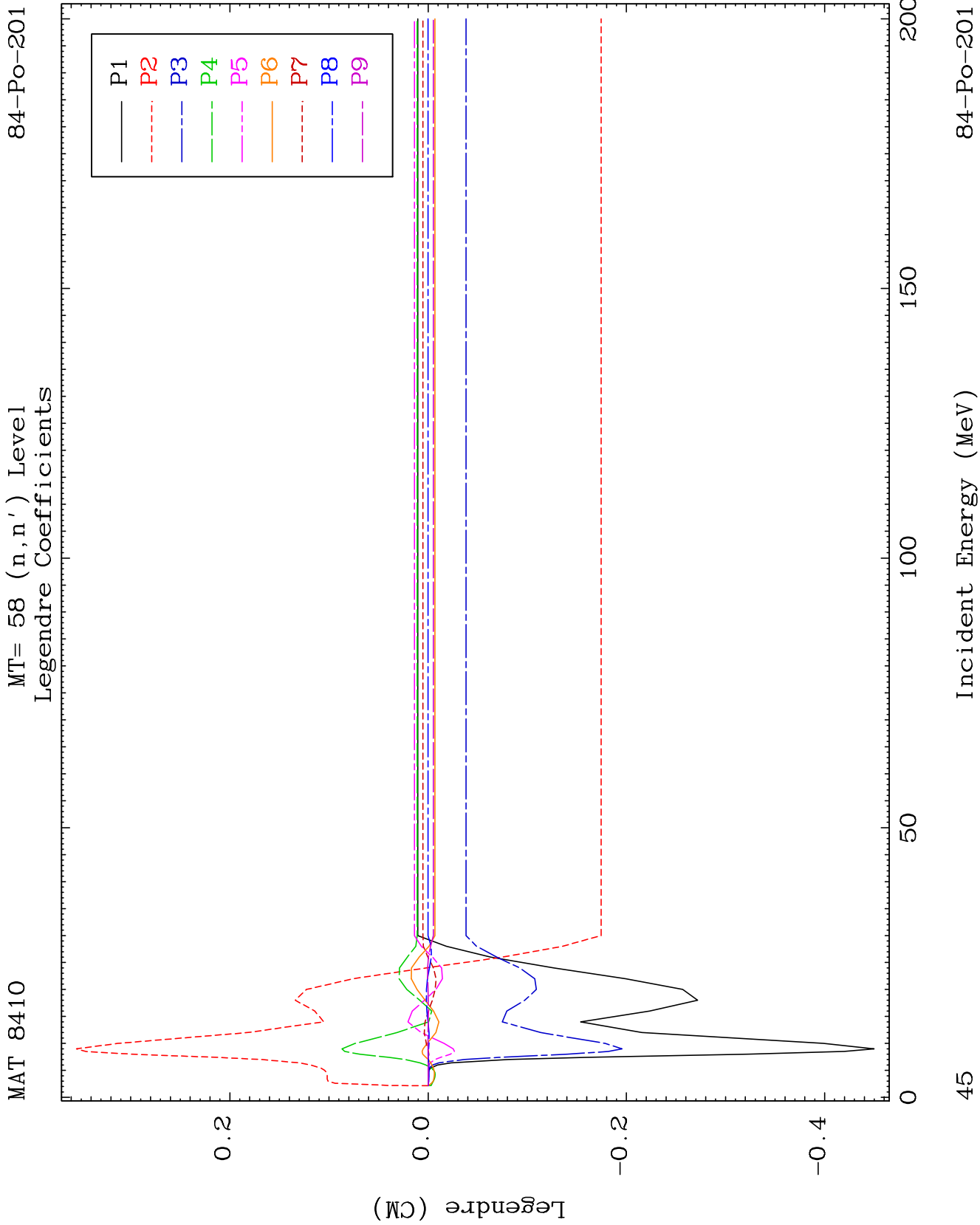
84-Po-201



44

Incident Energy (MeV)

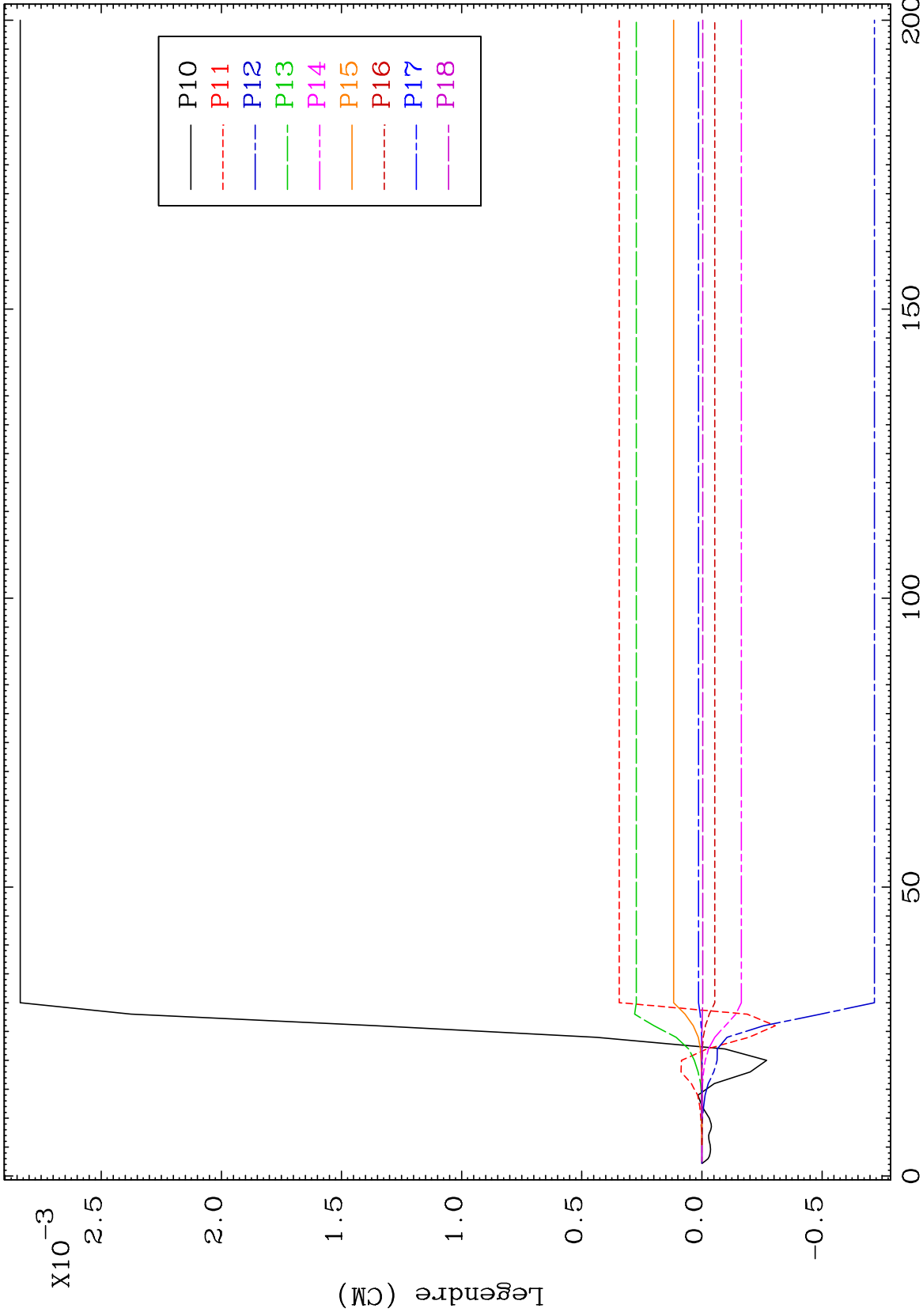
84-Po-201



MAT 8410

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

84-Po-201



46

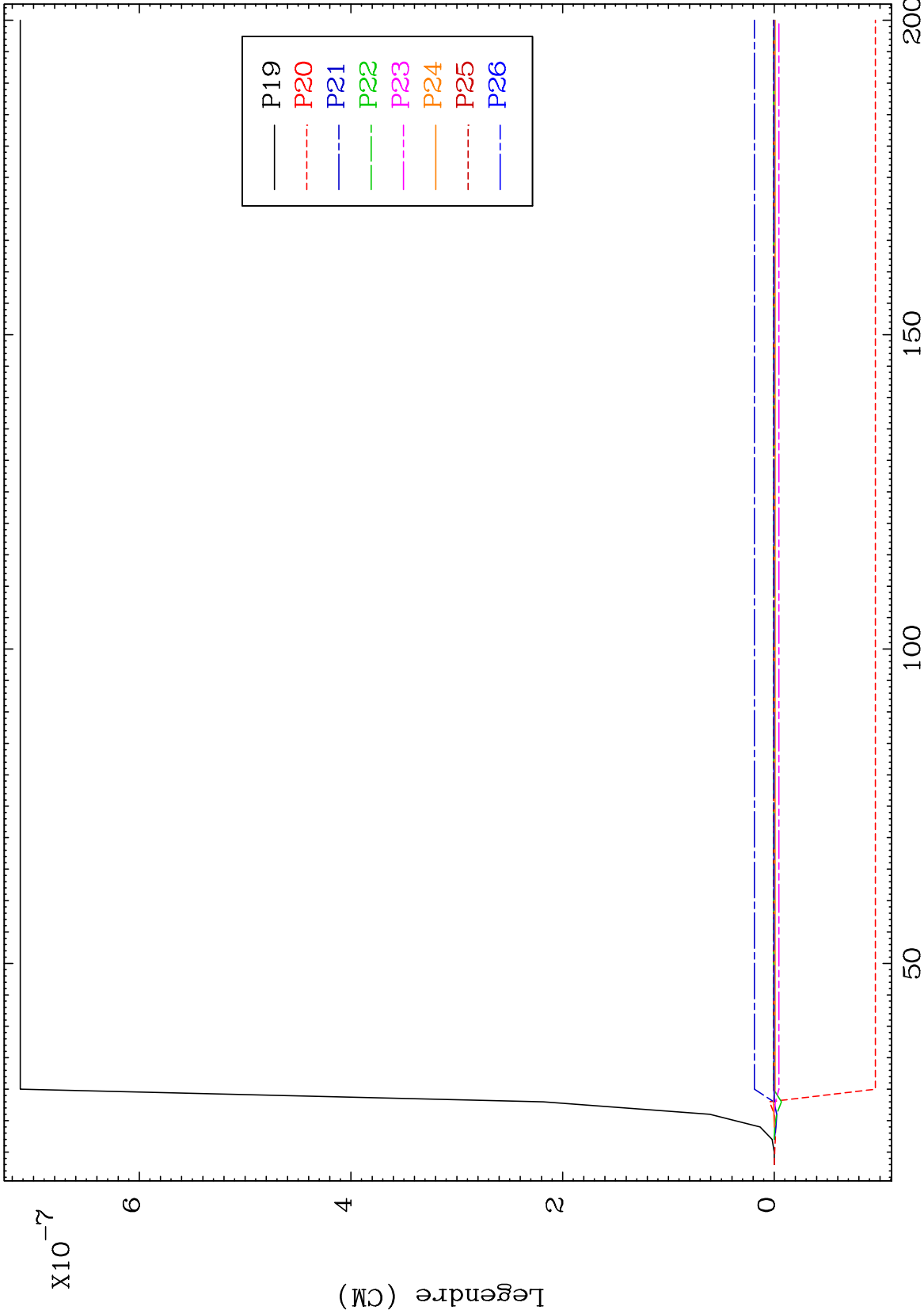
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



47

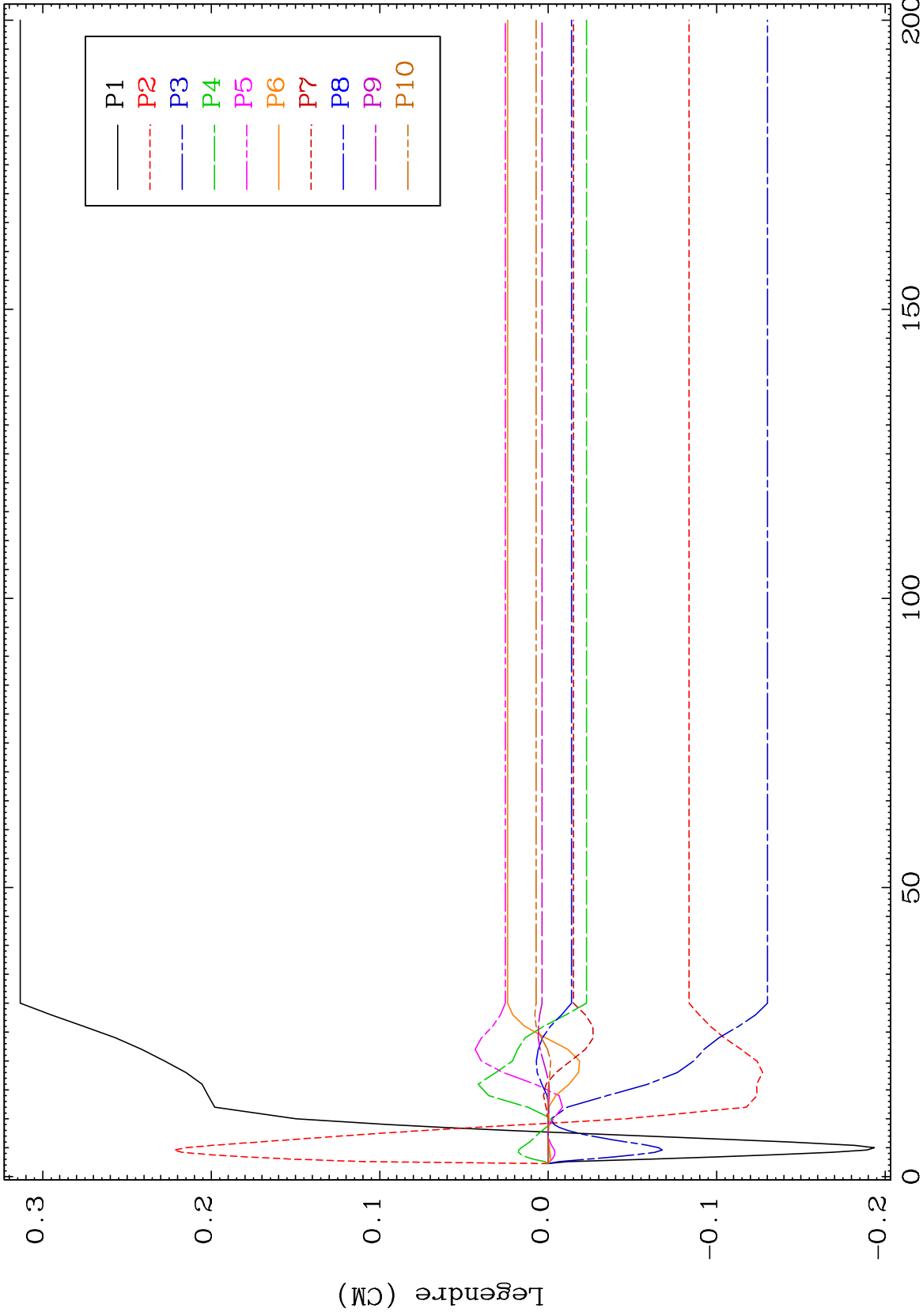
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



48

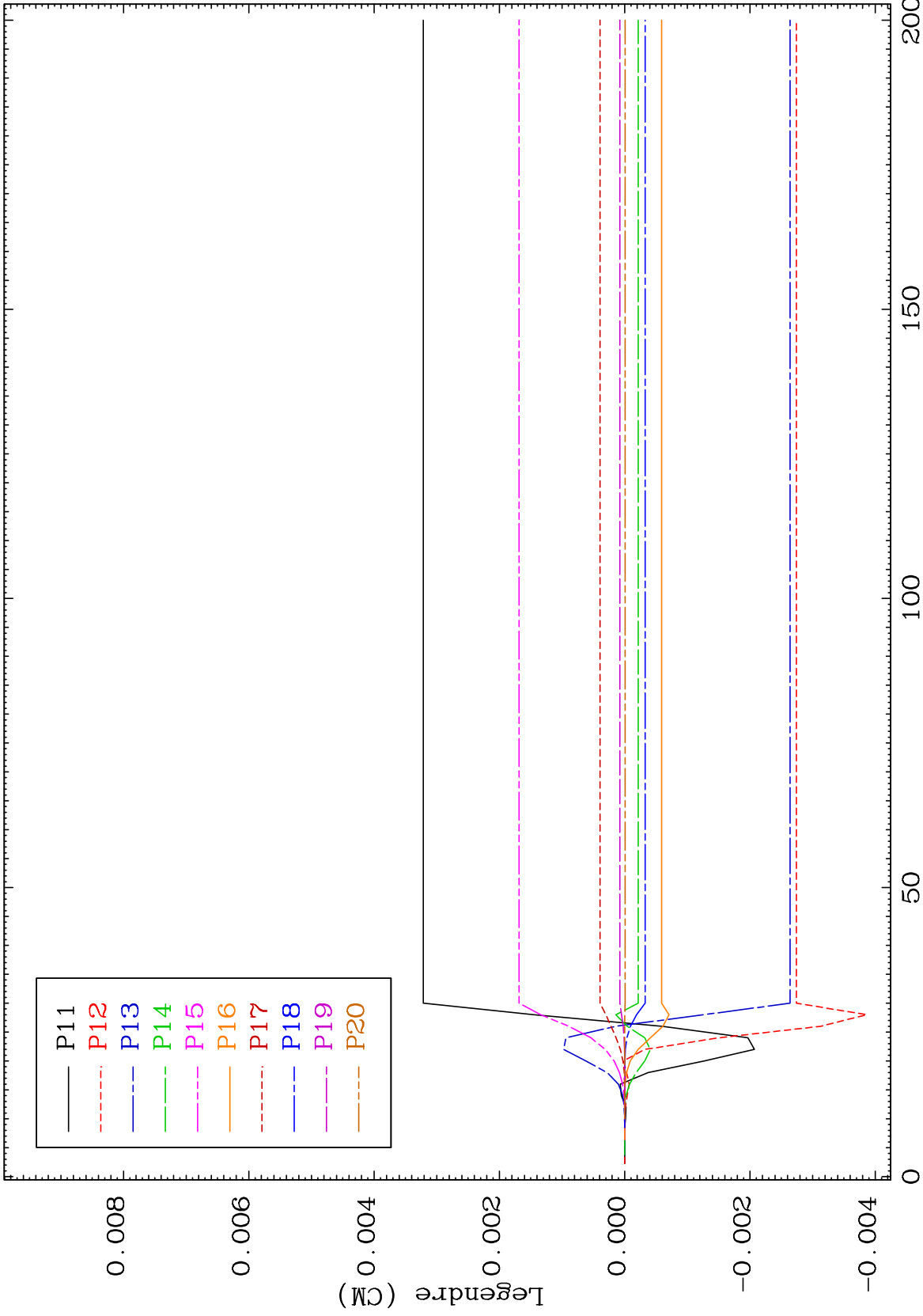
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



49

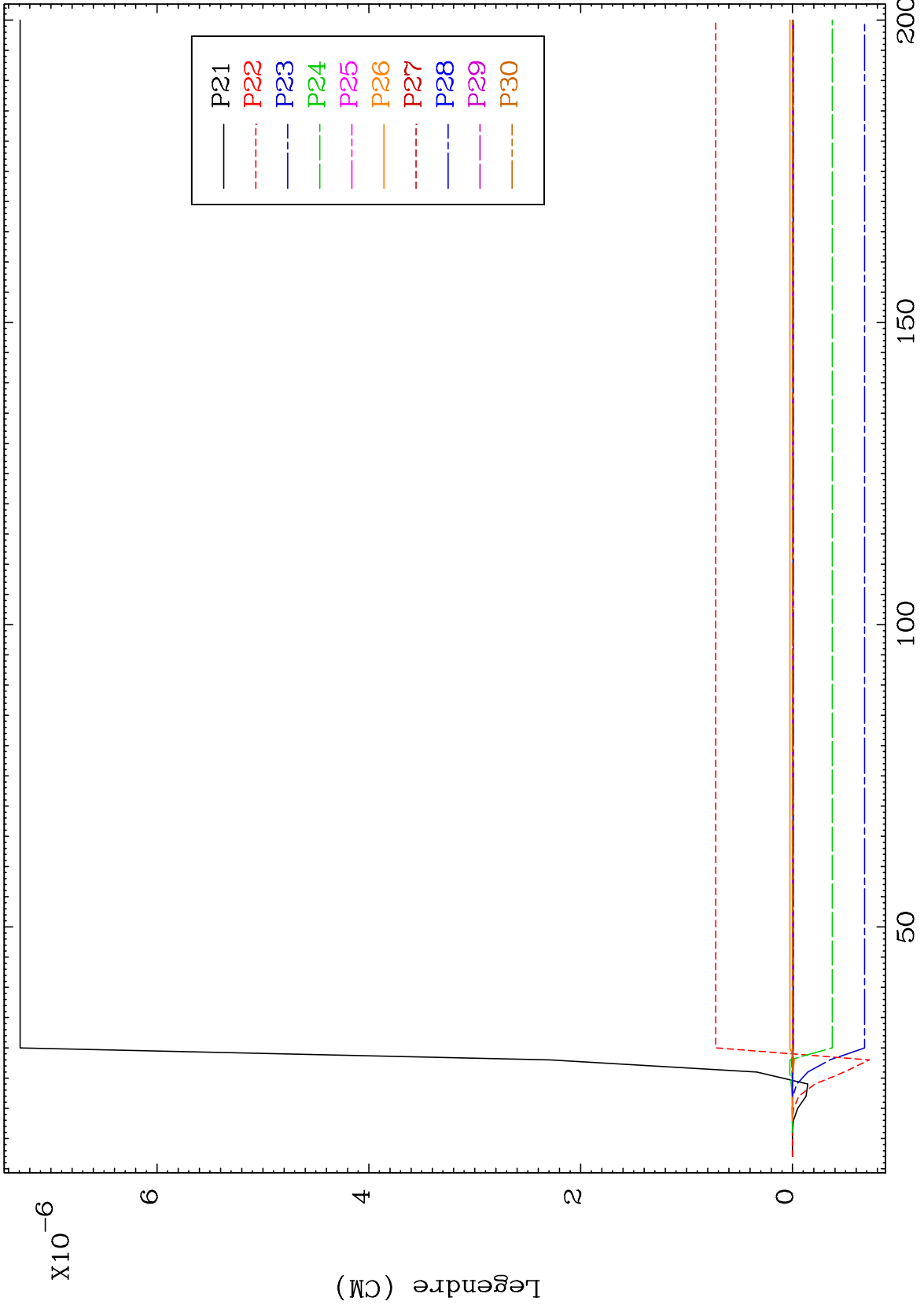
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



50

50

100

150

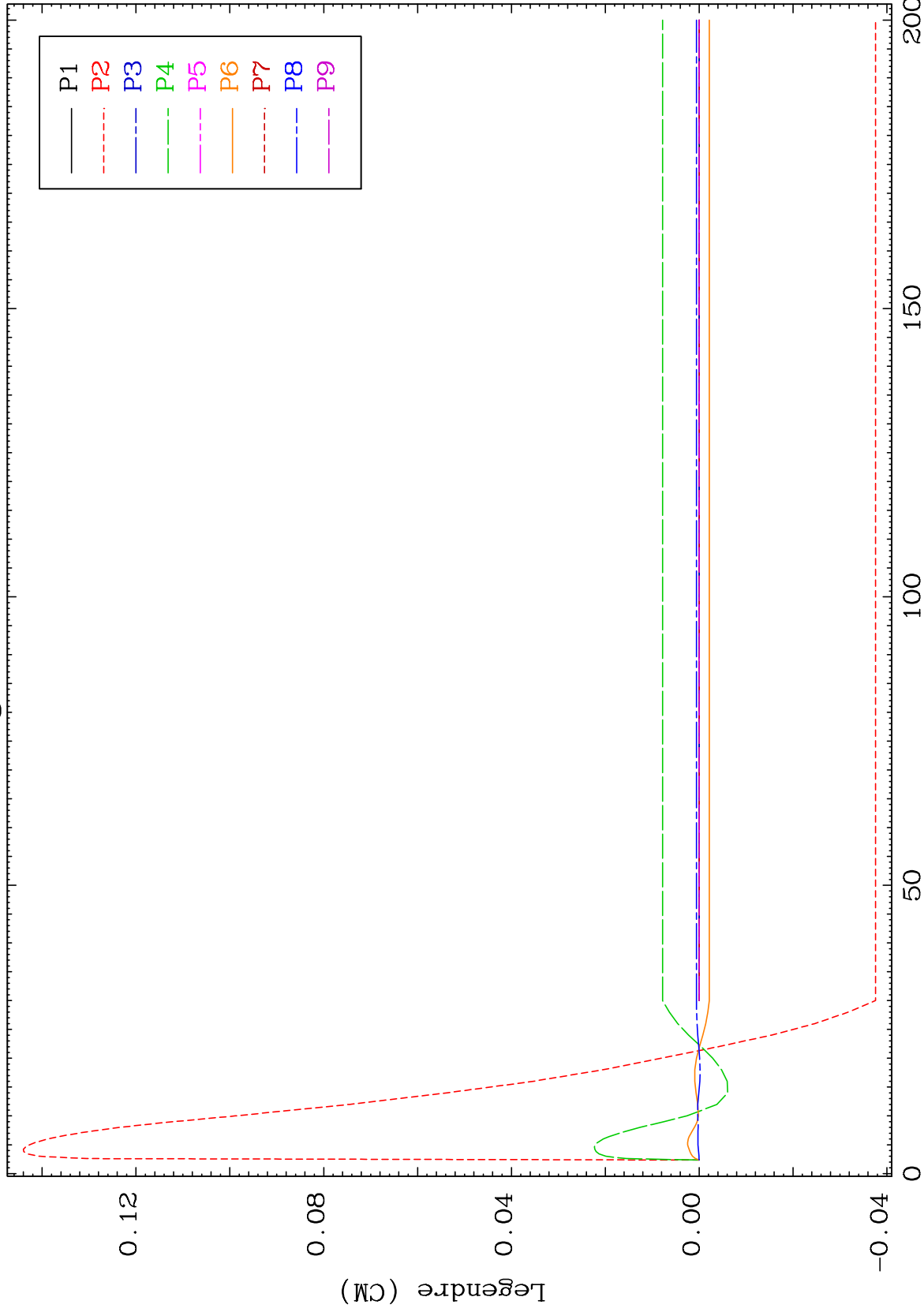
200

84-Po-201

MAT 8410

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

84-Po-201



51

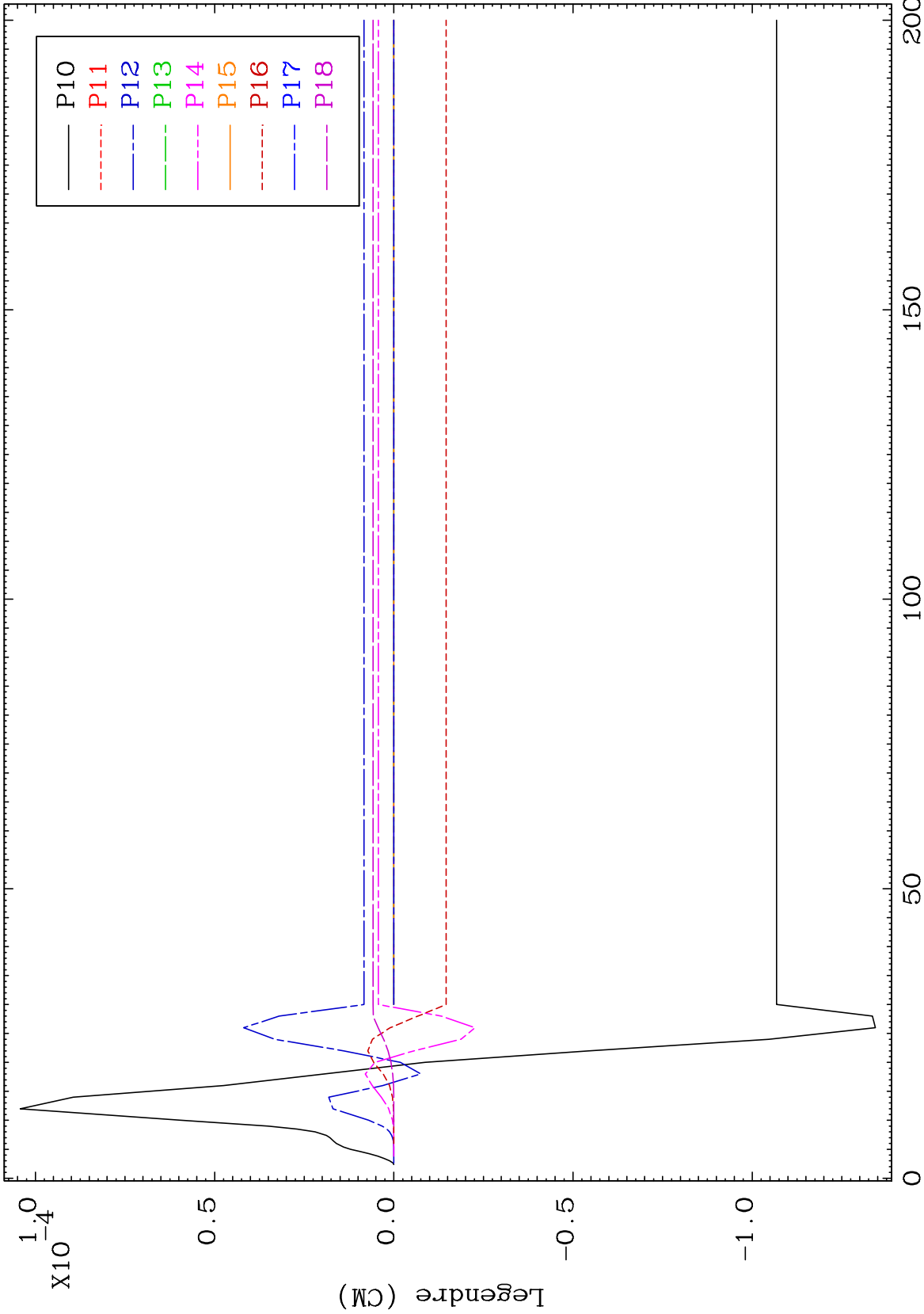
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201

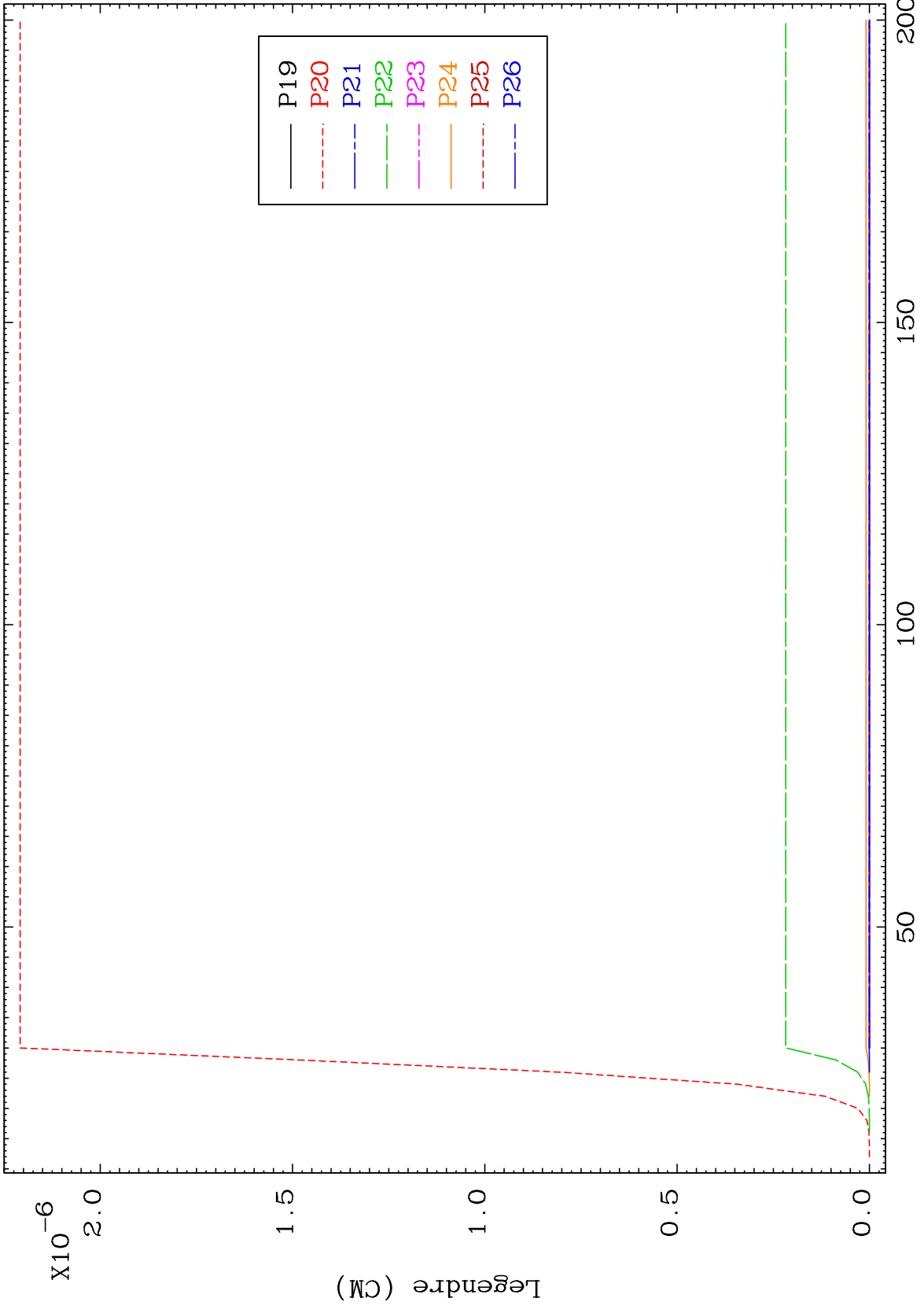


52

Incident Energy (MeV)

84-Po-201

MAT 8410 MT= 60 (n,n') Level Legendre Coefficients 84-Po-201

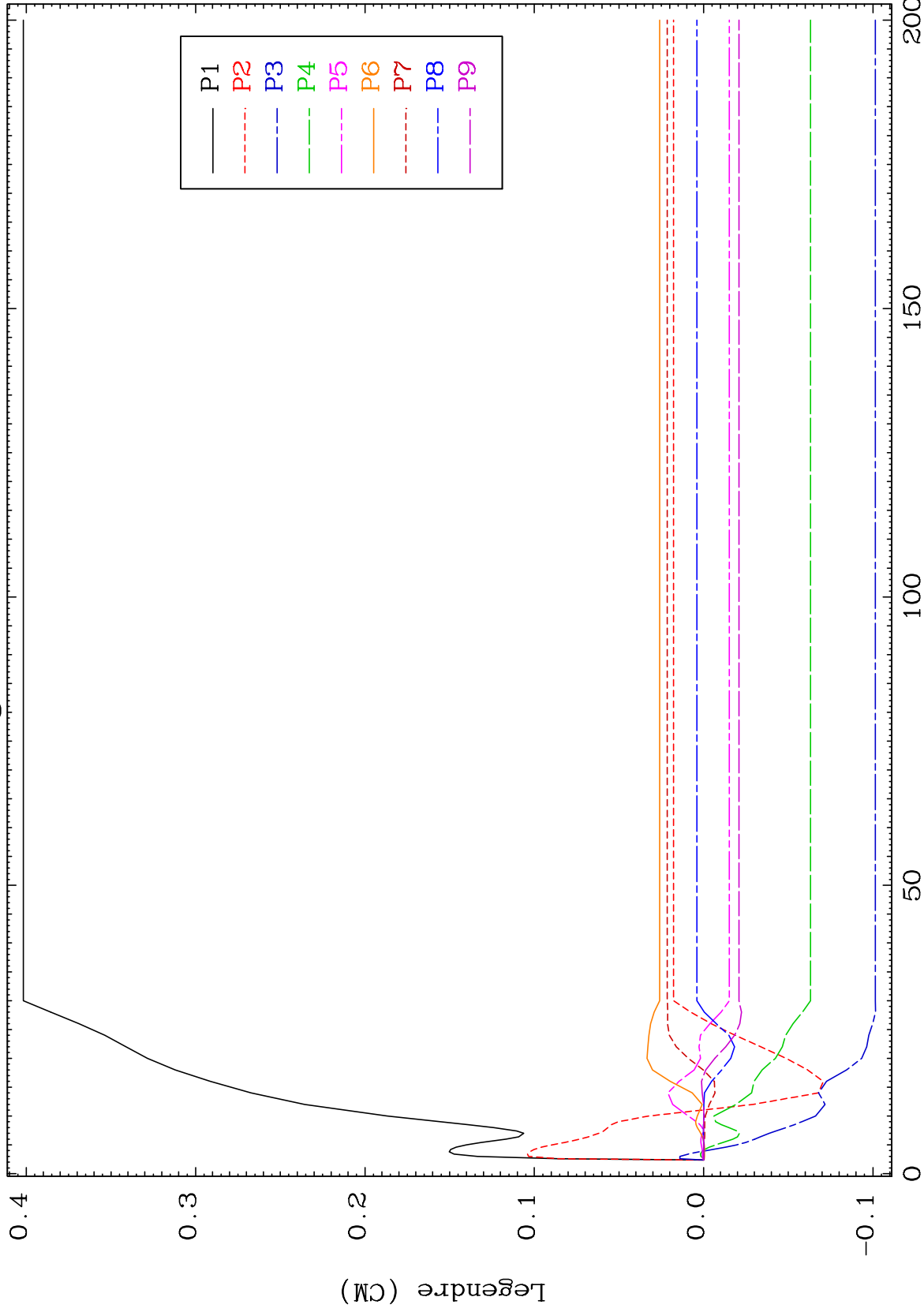


53 Incident Energy (MeV) 84-Po-201

MAT 8410

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

84-Po-201



54

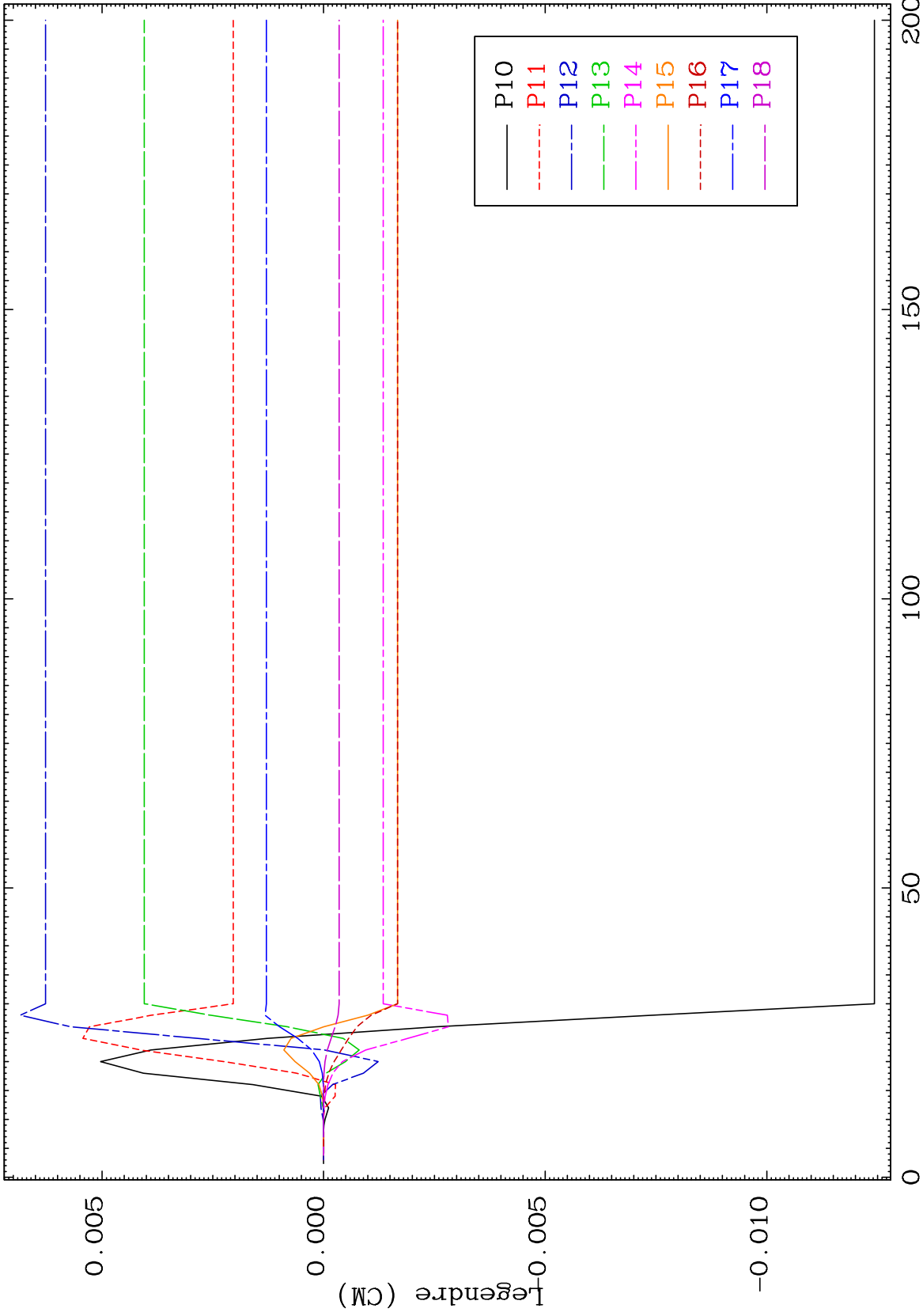
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



55

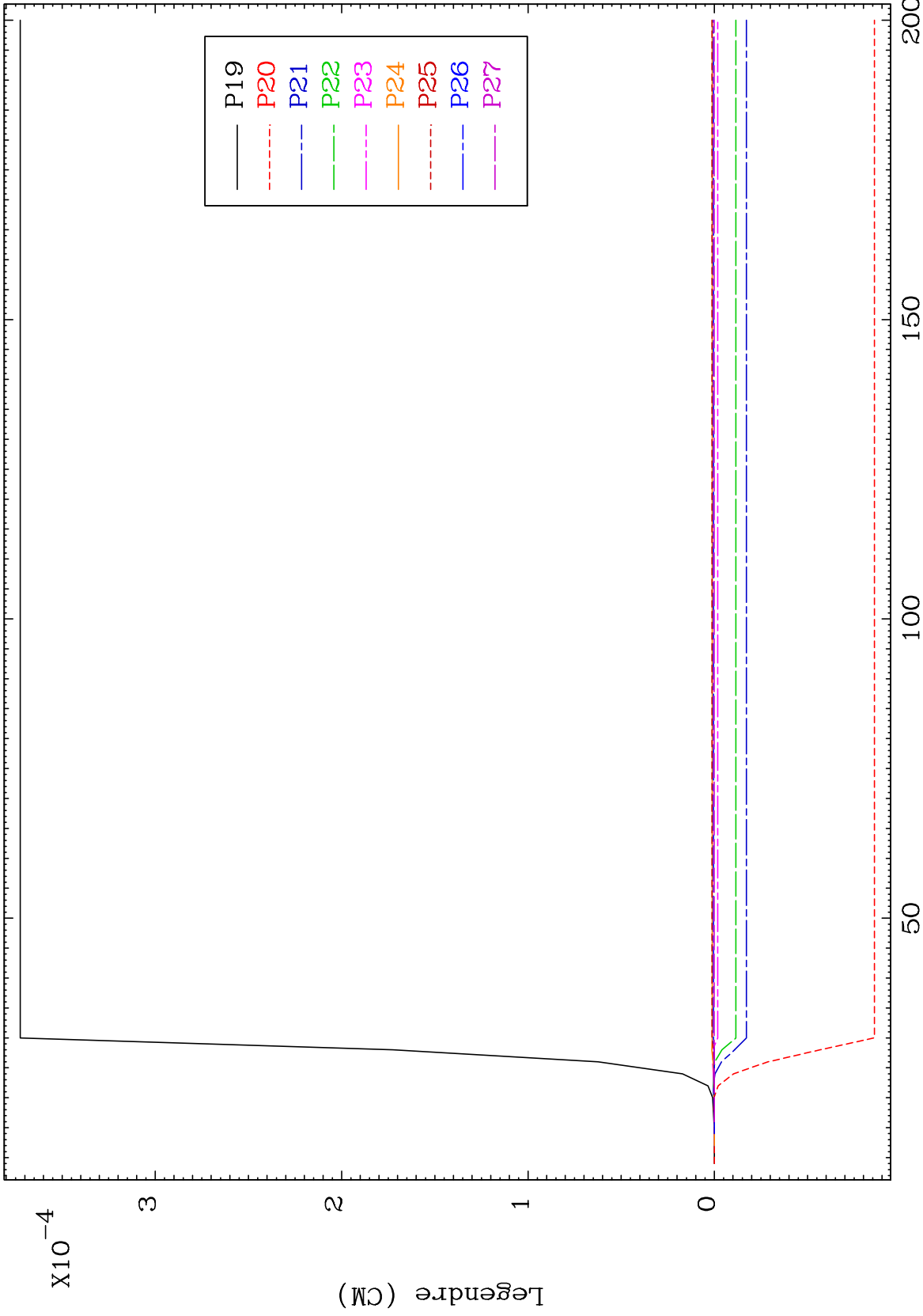
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



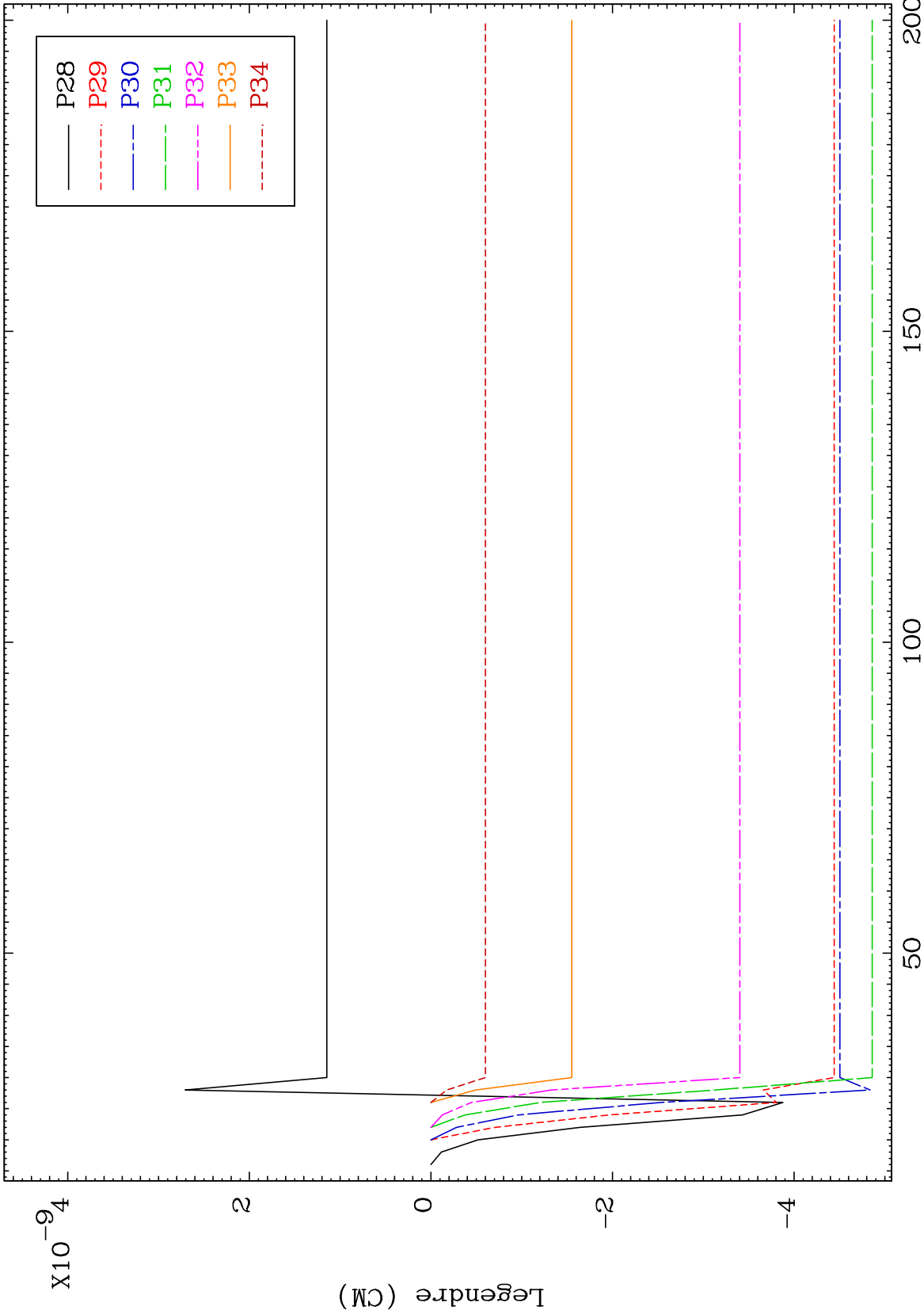
56

84-Po-201

MAT 8410

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

84-Po-201



57

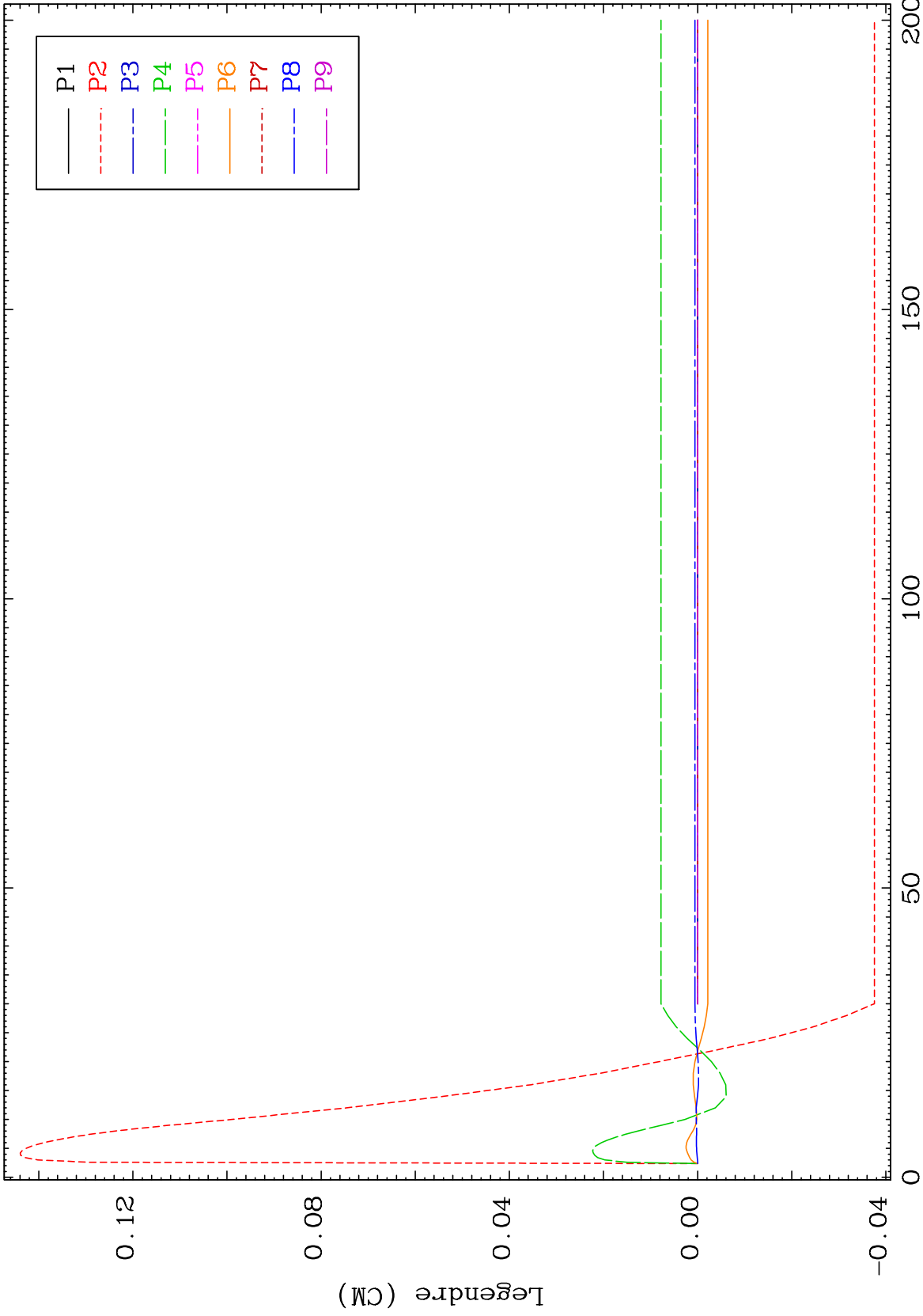
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



58

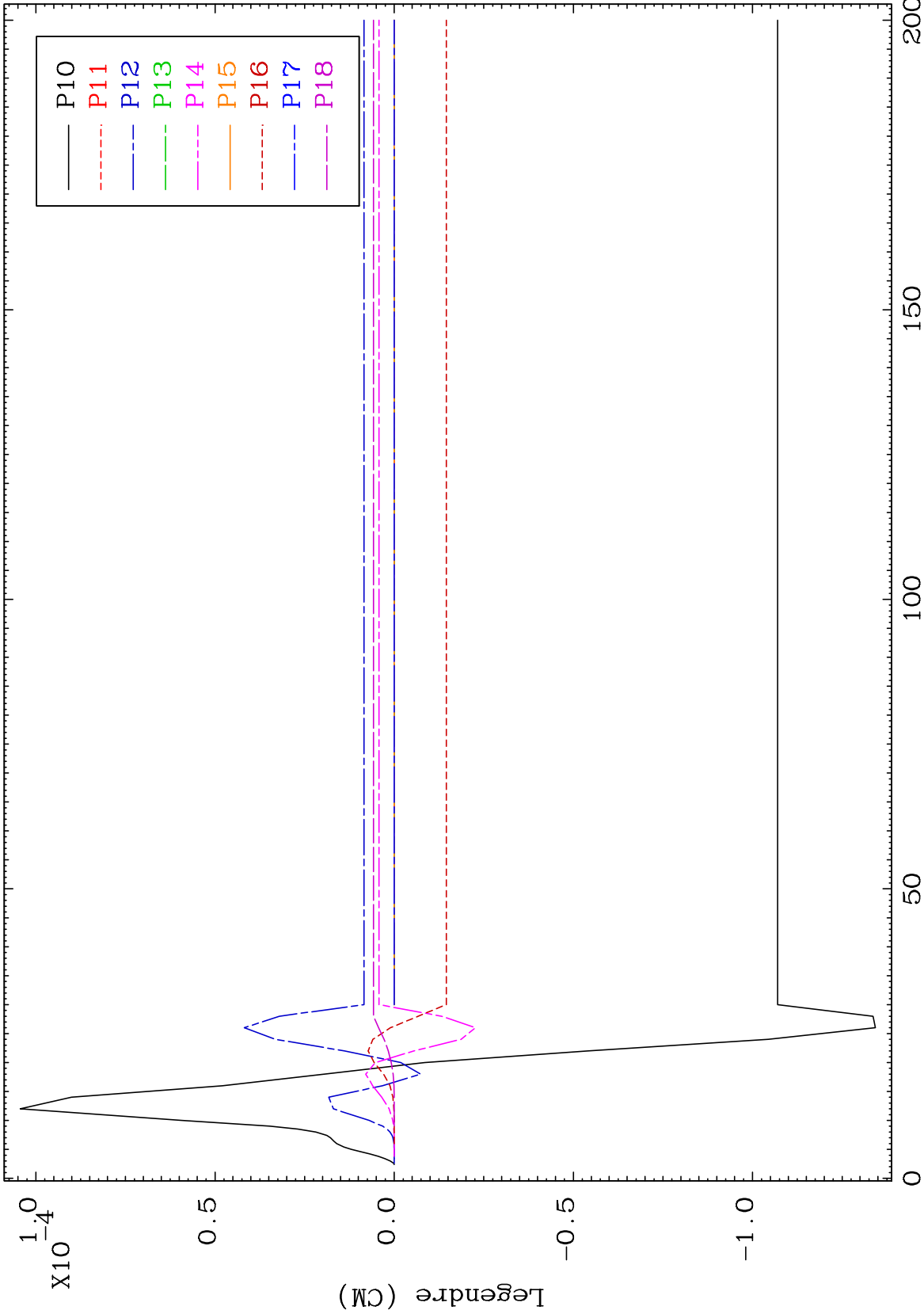
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201

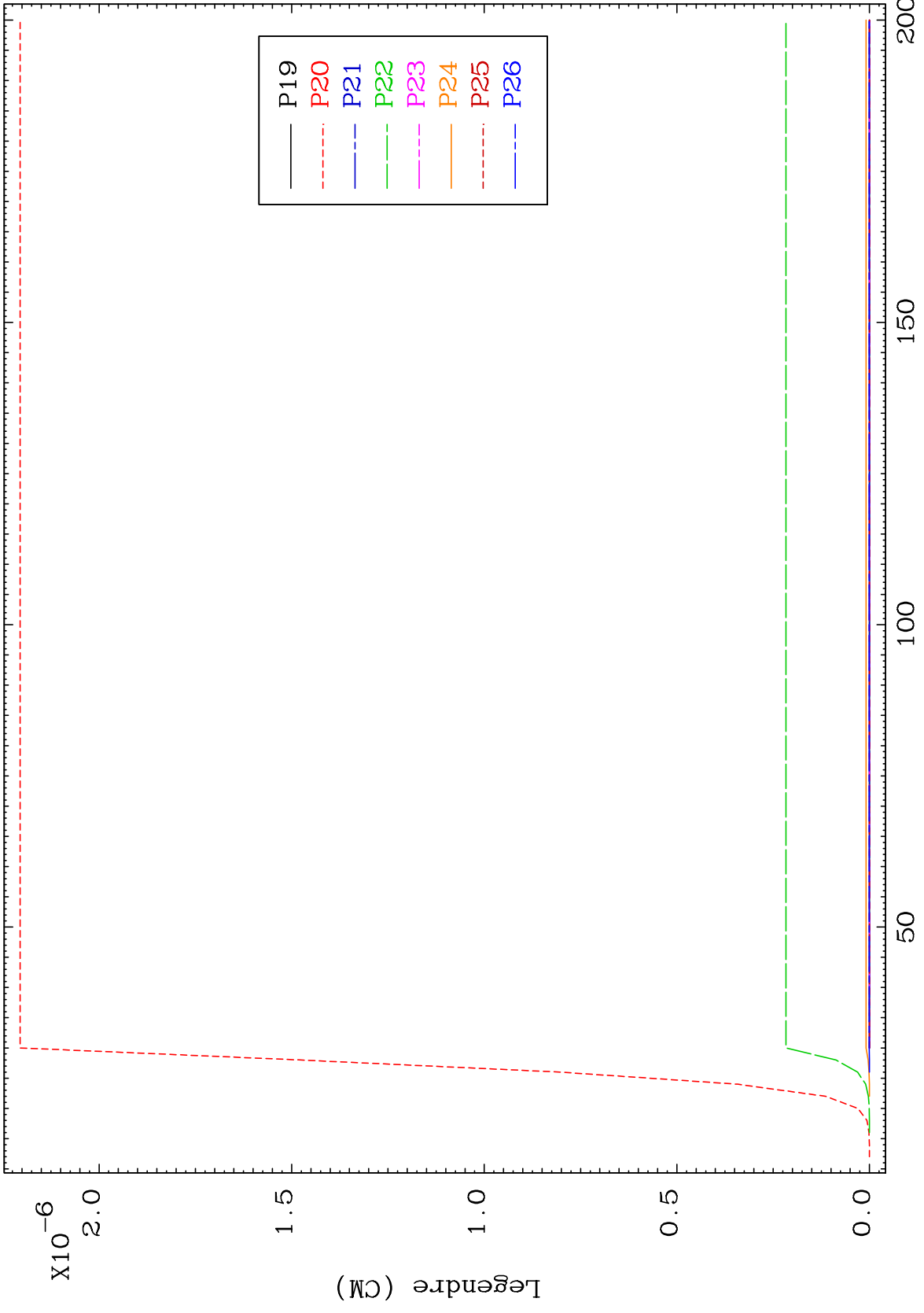


59

Incident Energy (MeV)

84-Po-201

MAT 8410 MT= 62 (n,n') Level Legendre Coefficients 84-Po-201

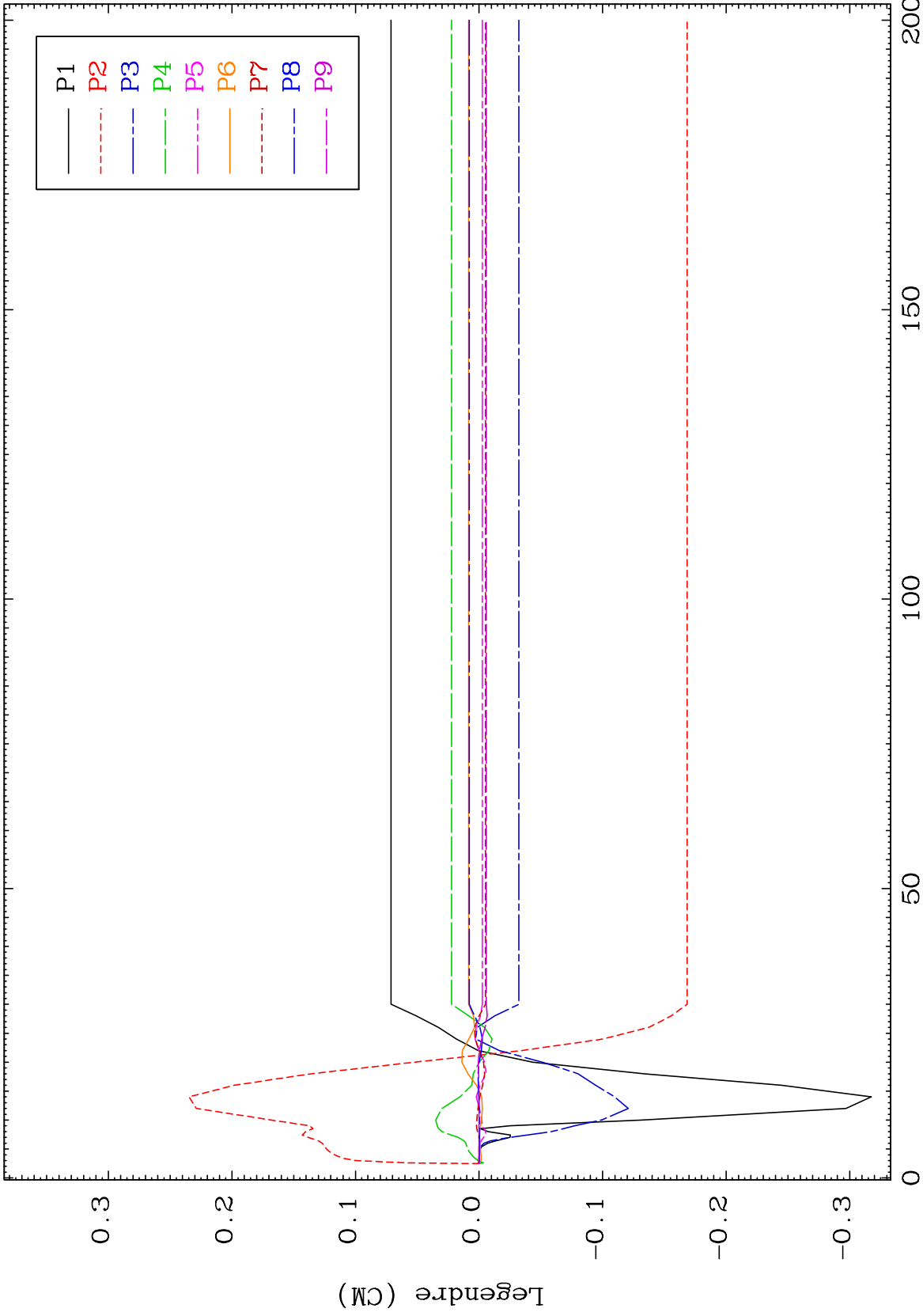


84-Po-201

MAT 8410

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

84-Po-201



61

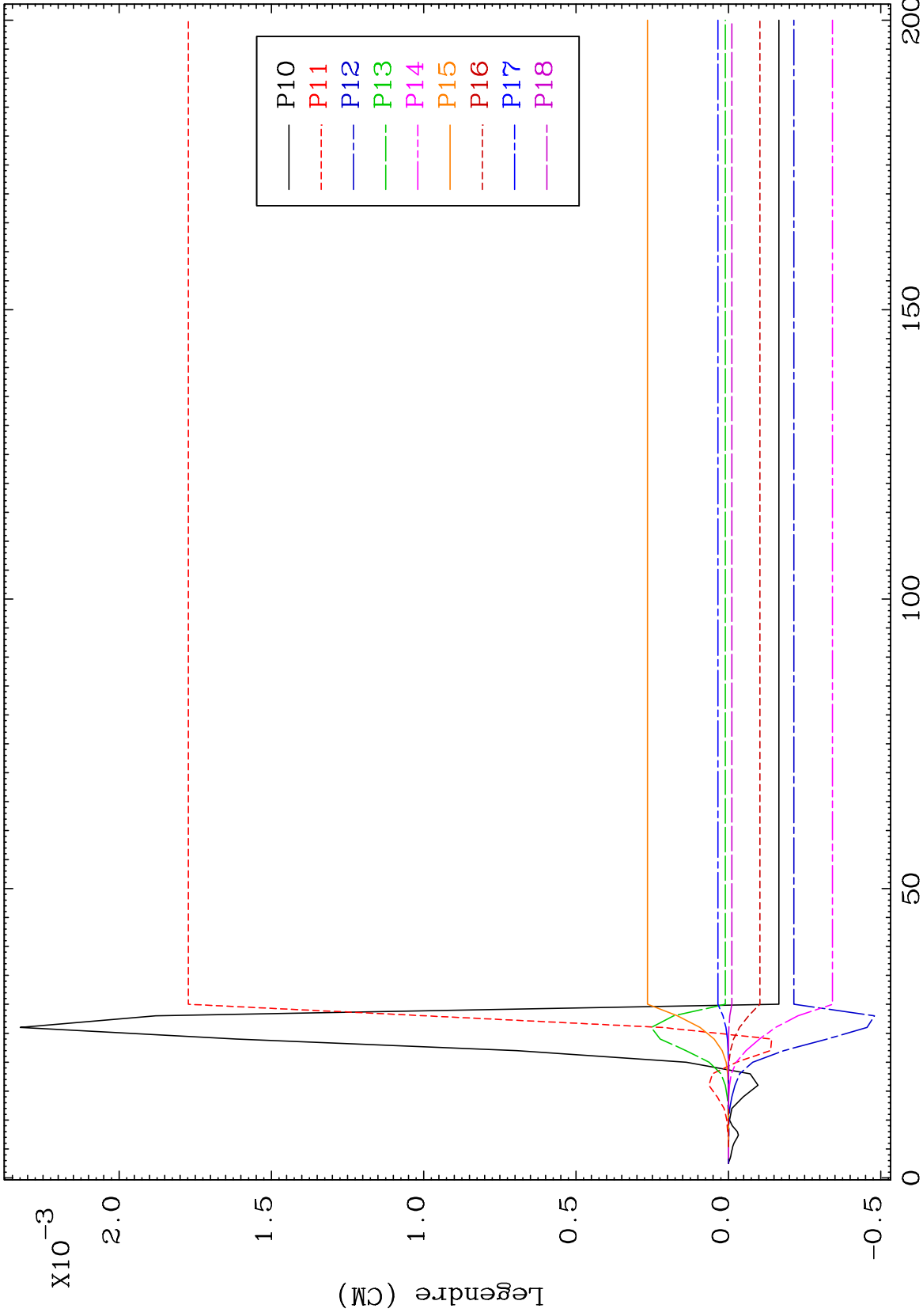
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



62

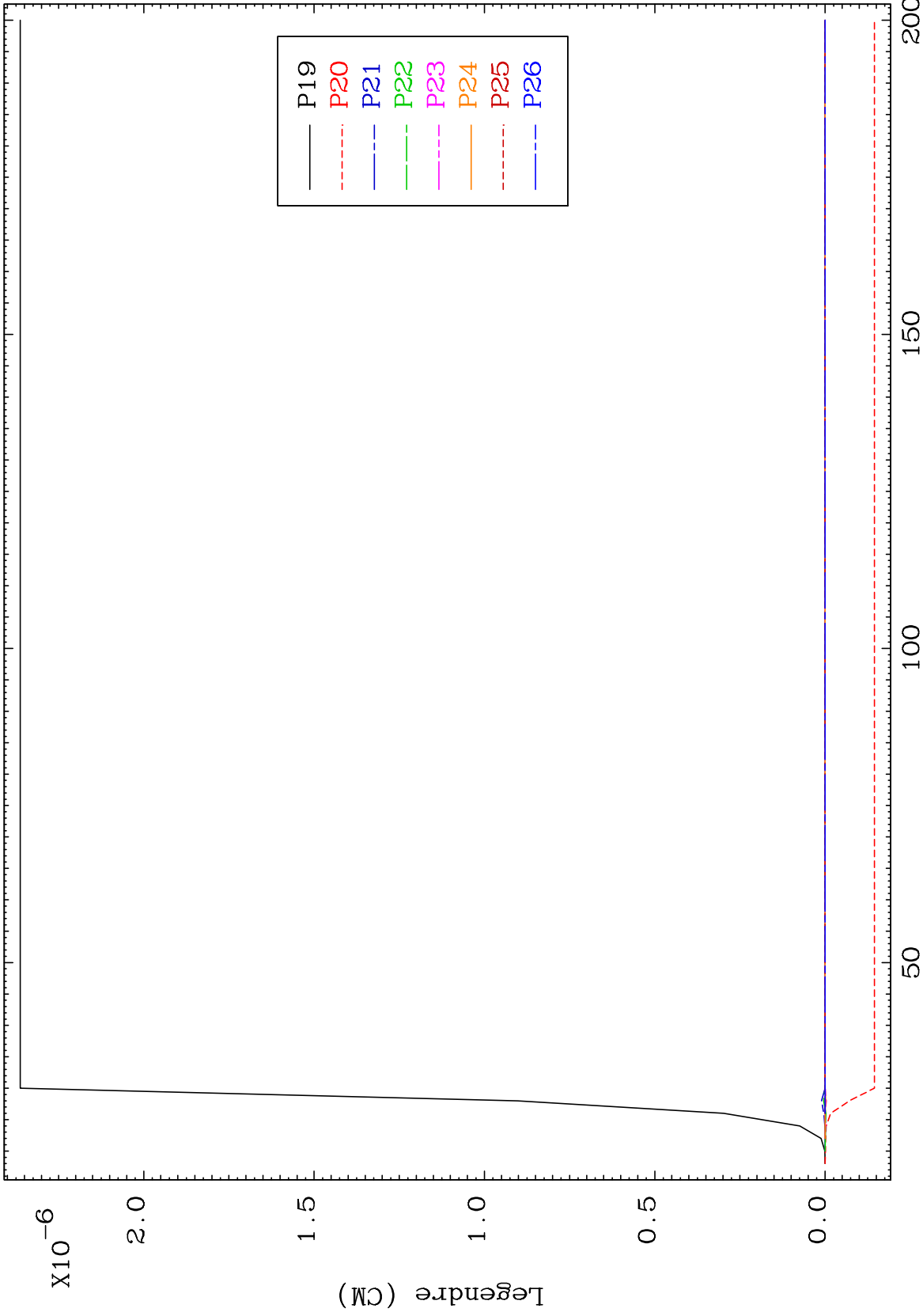
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



63

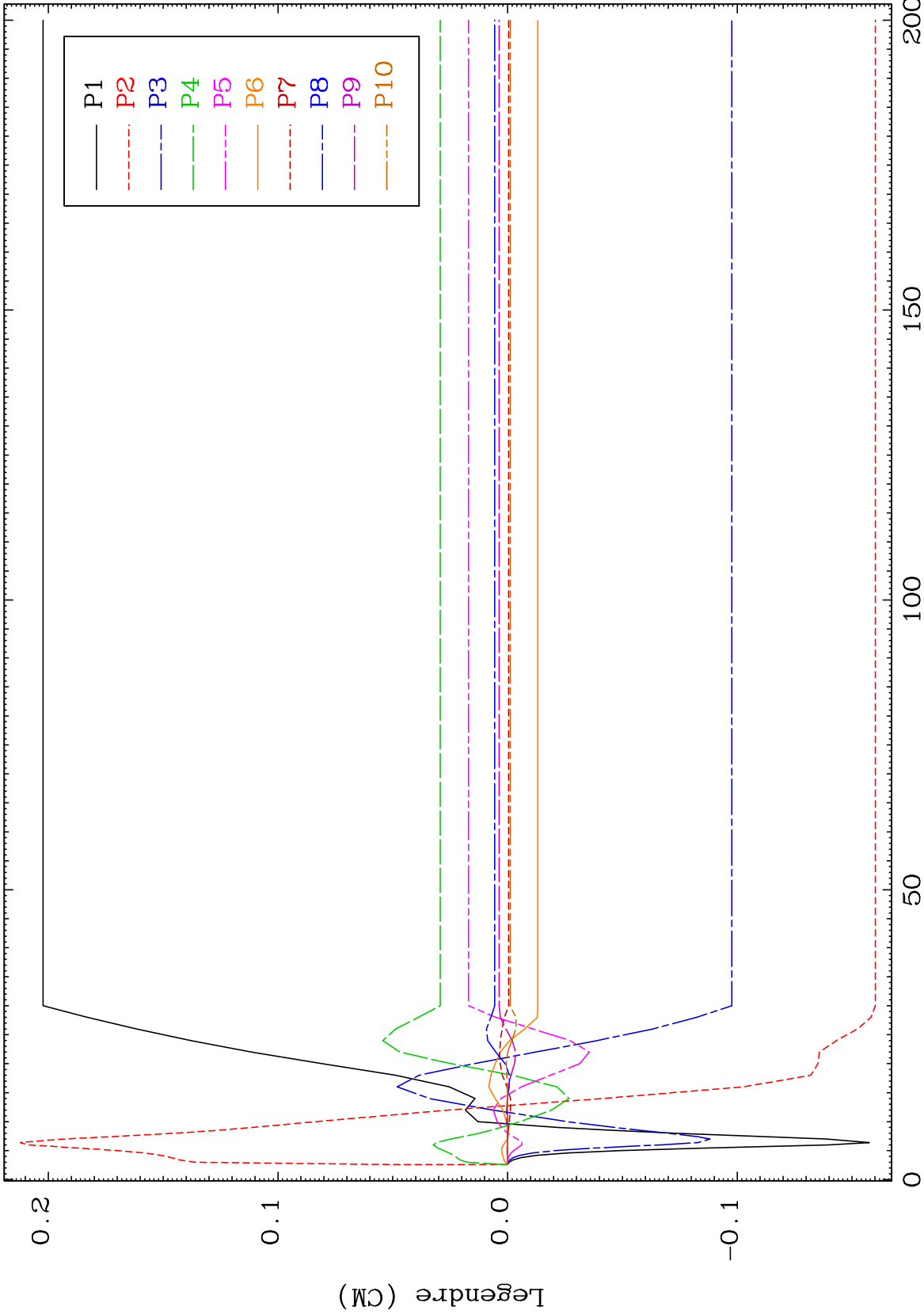
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



64

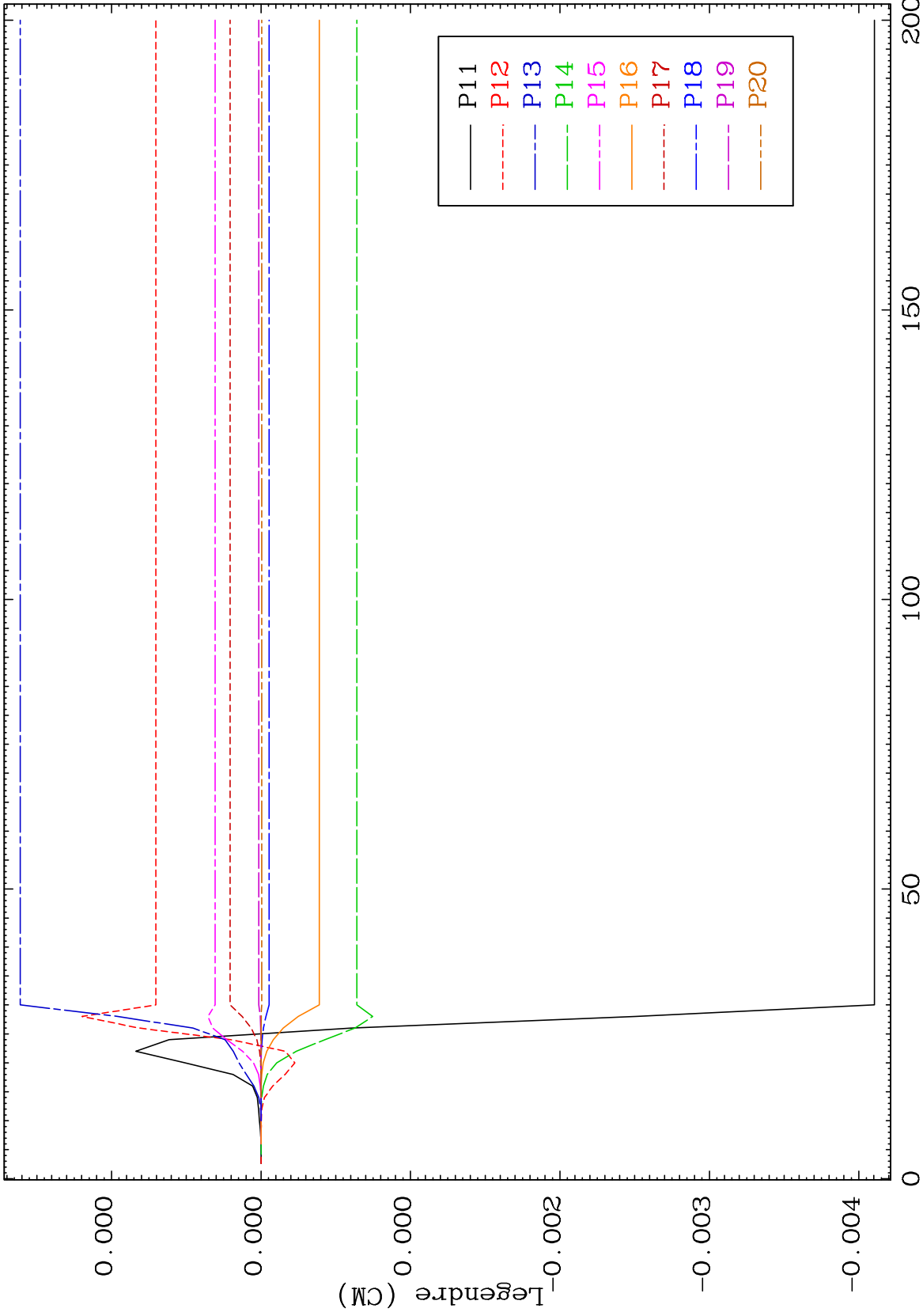
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201

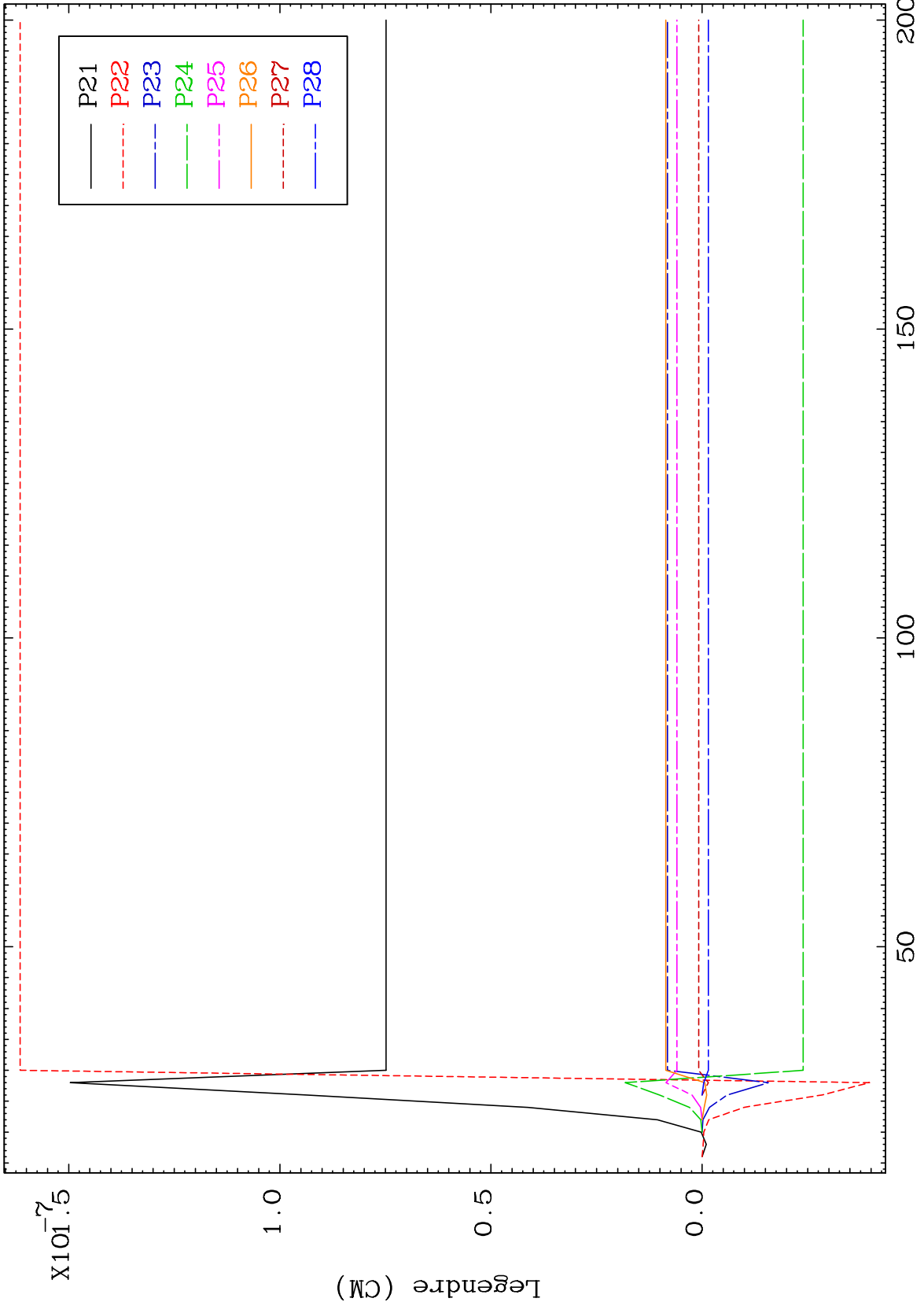


65

Incident Energy (MeV)

84-Po-201

MAT 8410 MT= 64 (n,n') Level Legendre Coefficients 84-Po-201

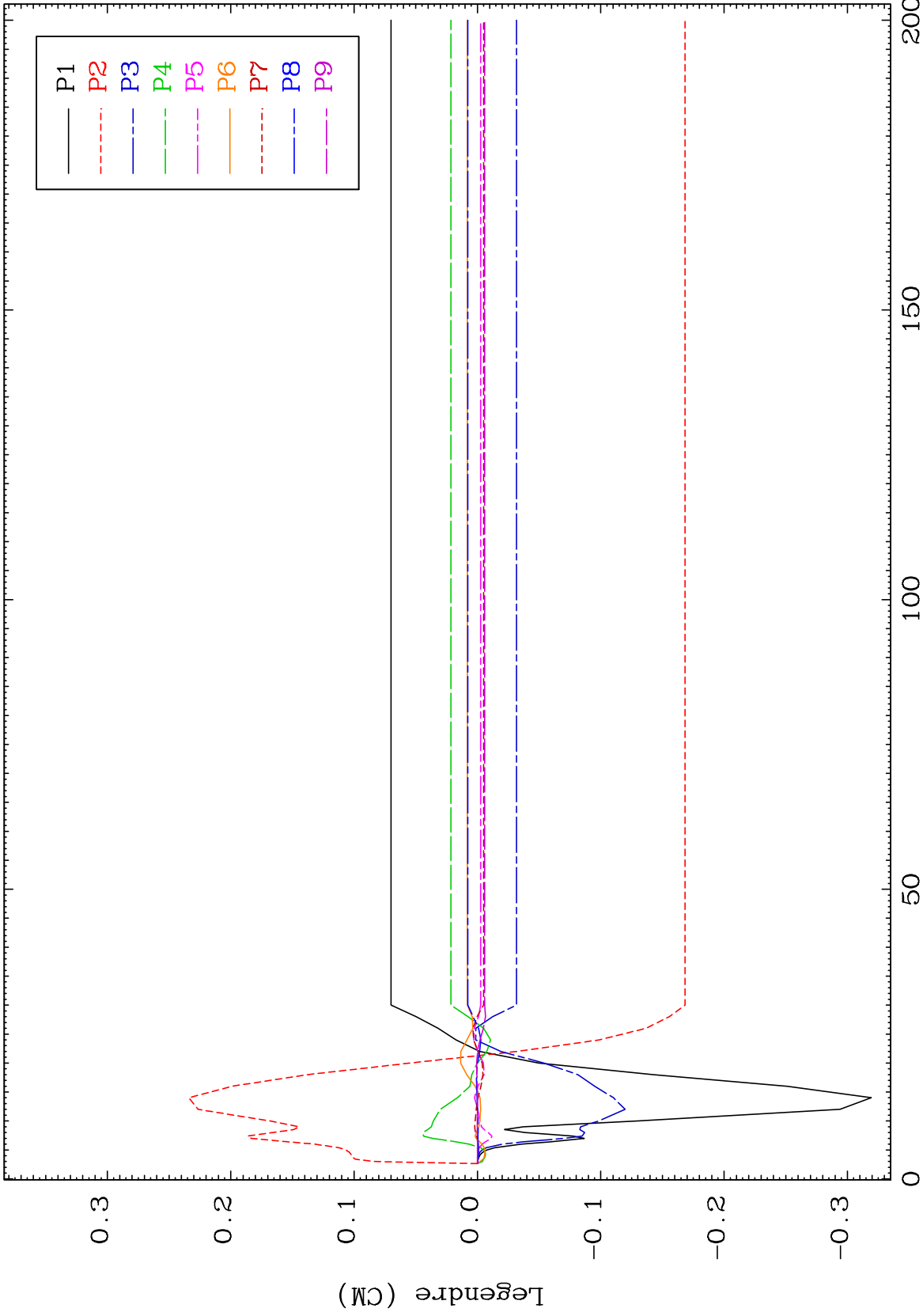


66 84-Po-201

MAT 8410

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

84-Po-201



67

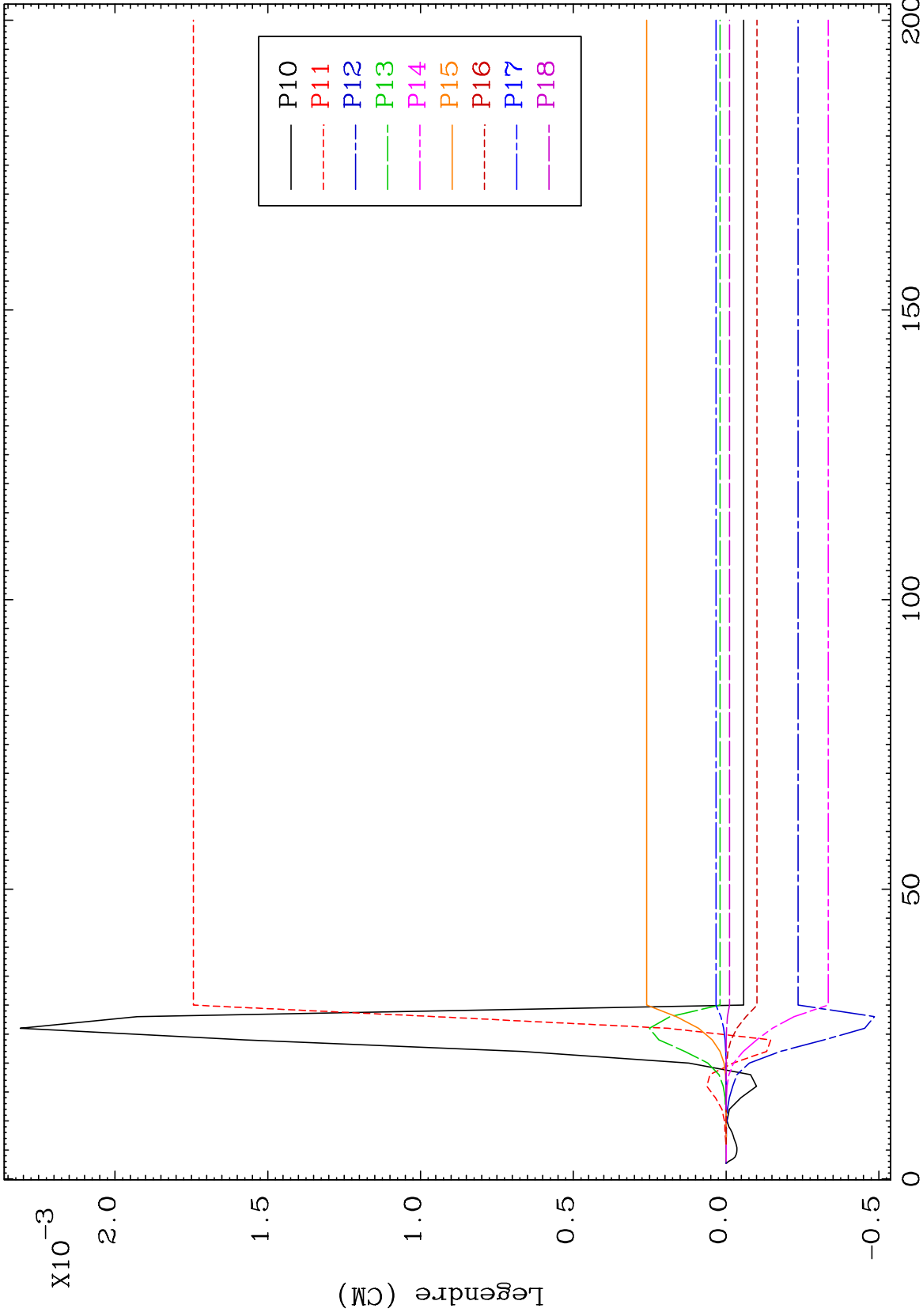
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



68

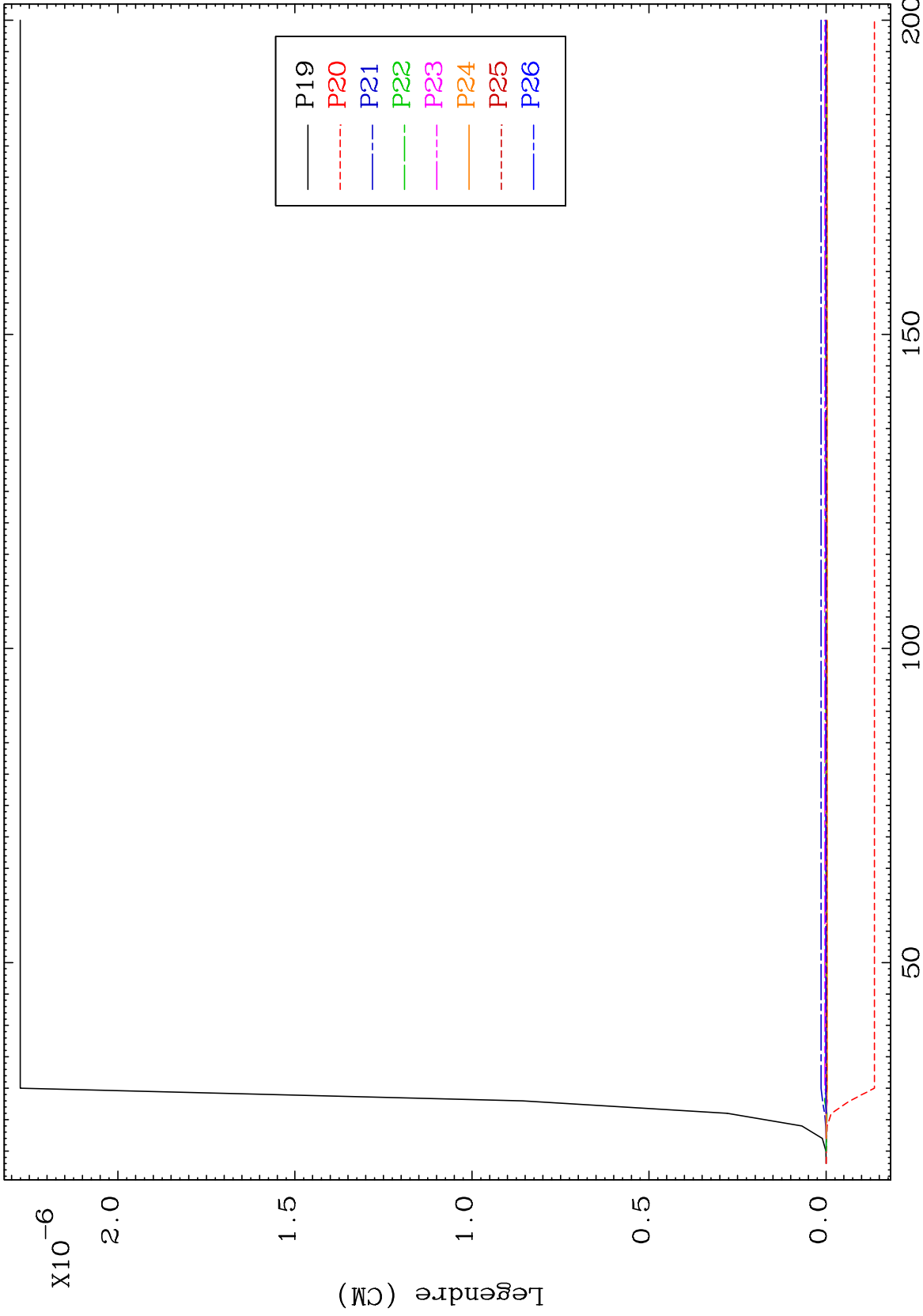
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



69

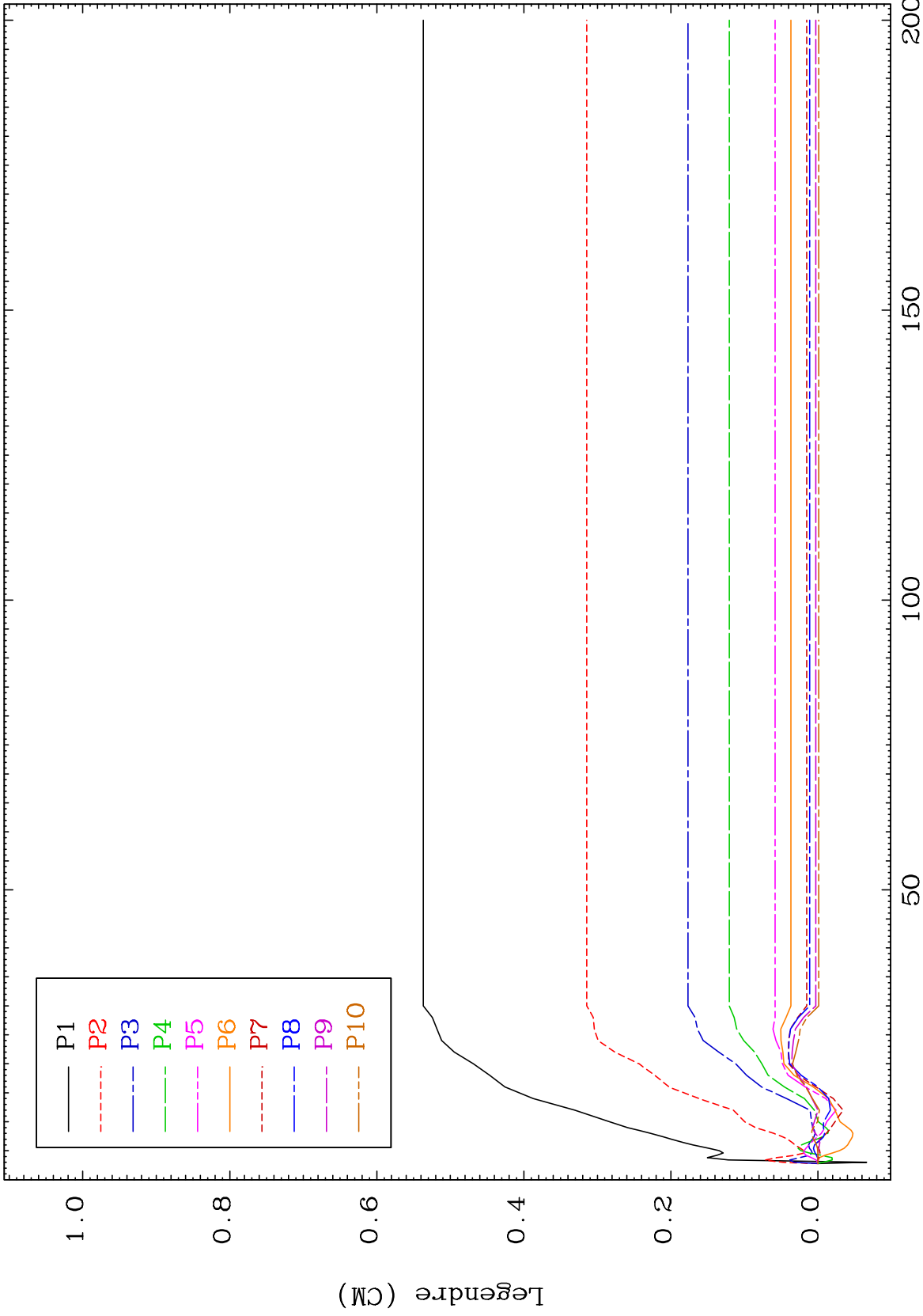
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



70

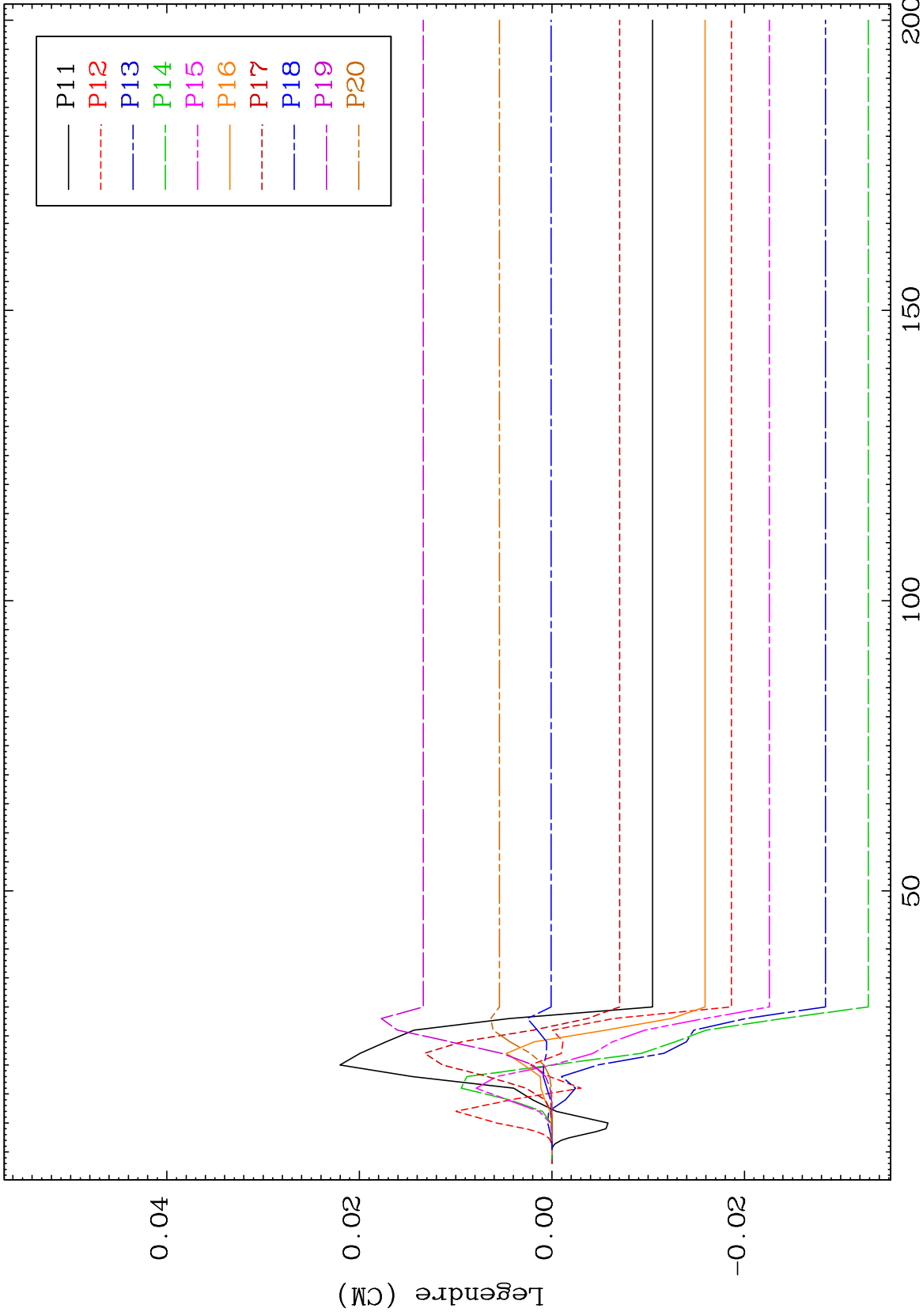
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



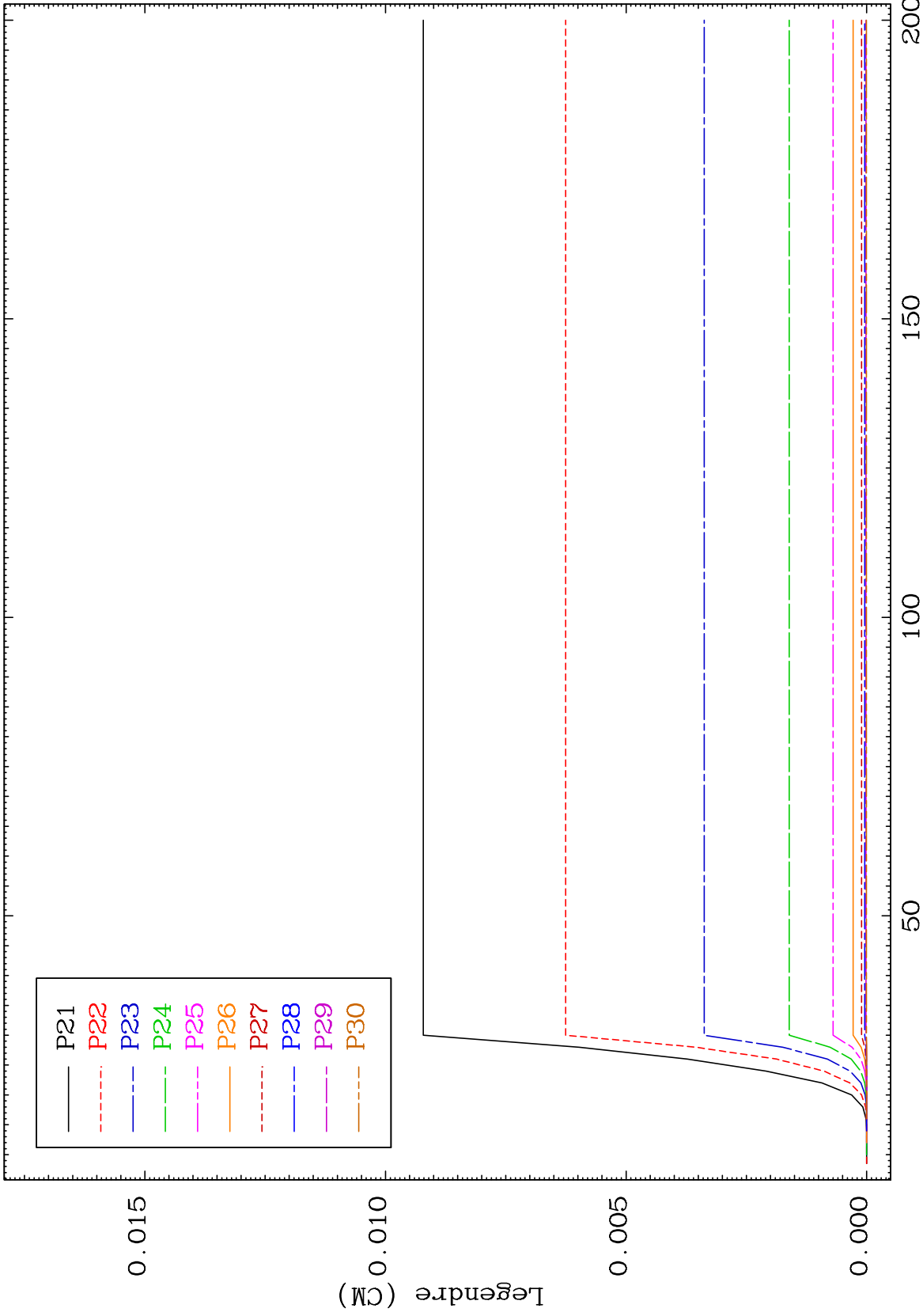
71

84-Po-201

MAT 8410

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

84-Po-201



72

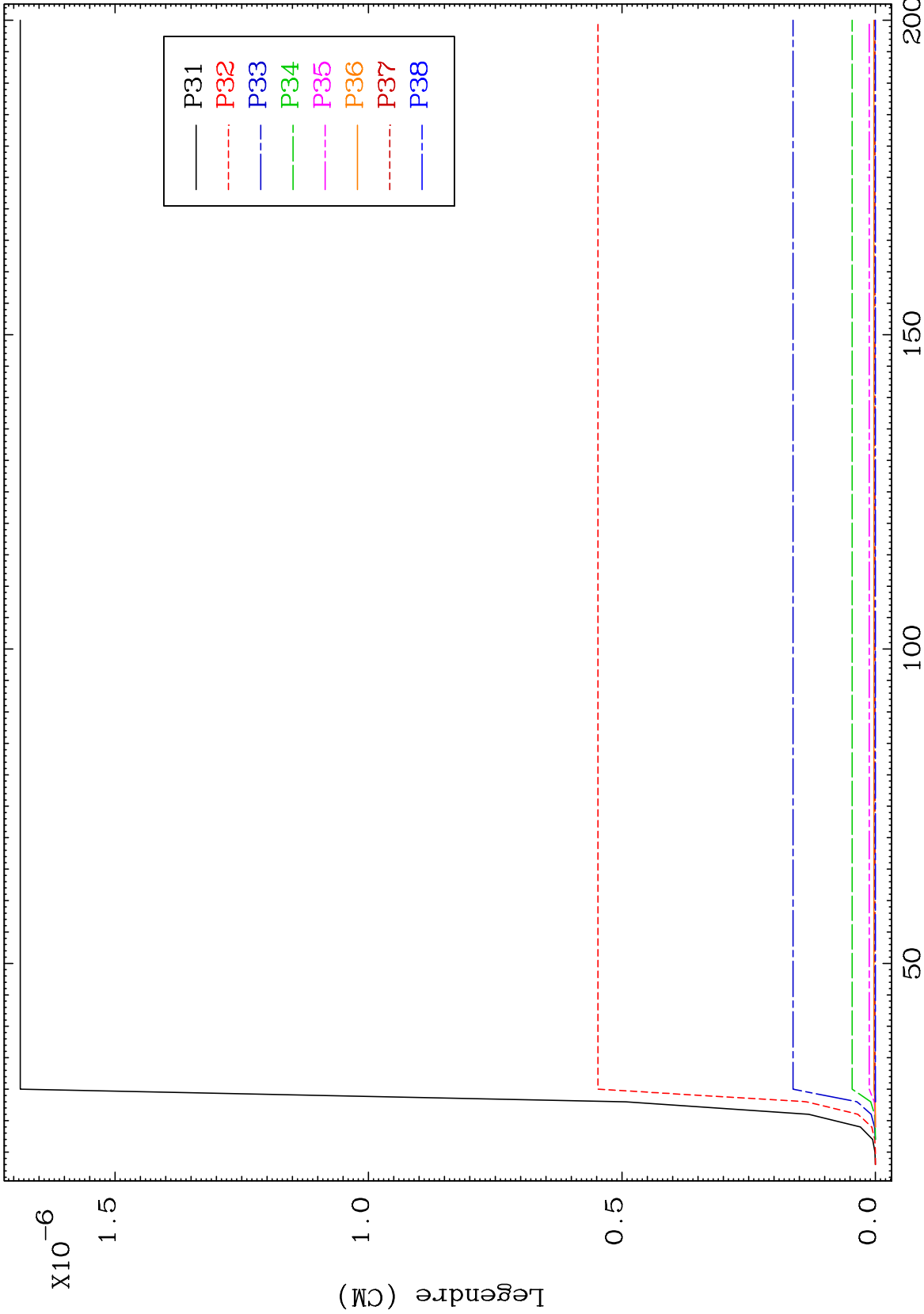
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



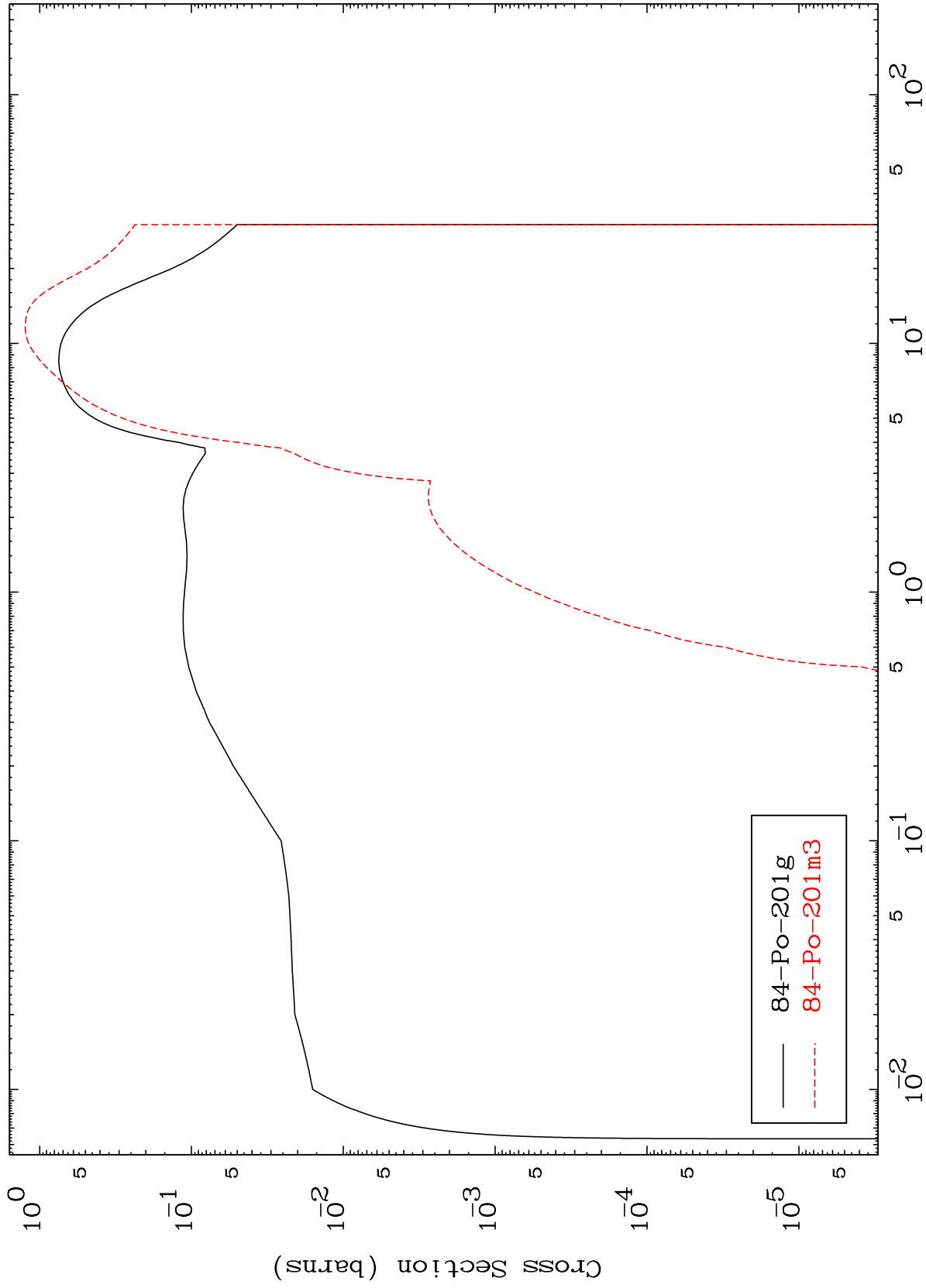
73

84-Po-201

MAT 8410

84-Po-201

Inelastic
Radionuclide Production Cross Section



74

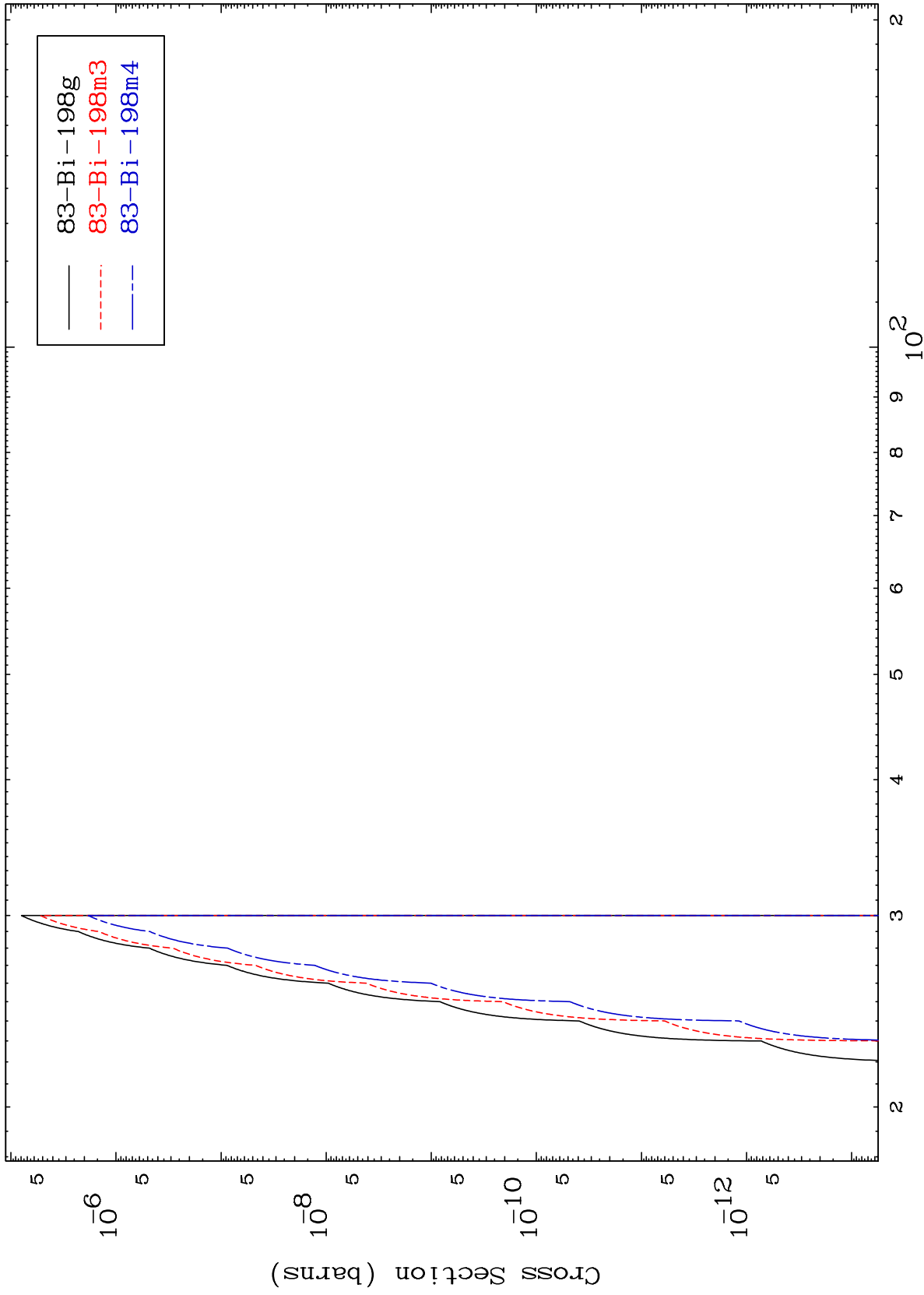
84-Po-201

MAT 8410

(n,2n) d

84-Po-201

Radionuclide Production Cross Section



75

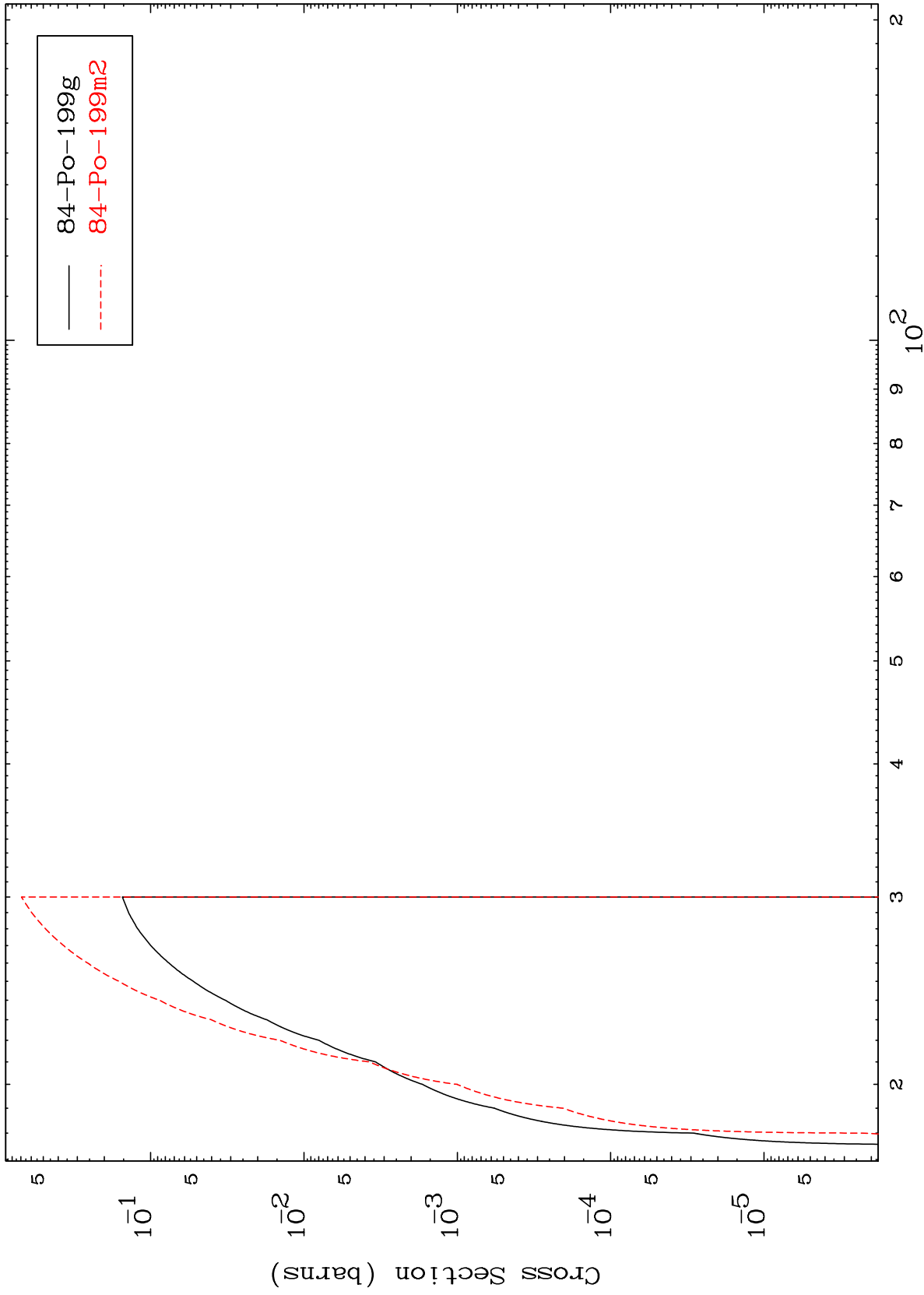
Incident Energy (MeV)

84-Po-201

MAT 8410

84-Po-201

(n,3n)
Radionuclide Production Cross Section



76

Incident Energy (MeV)

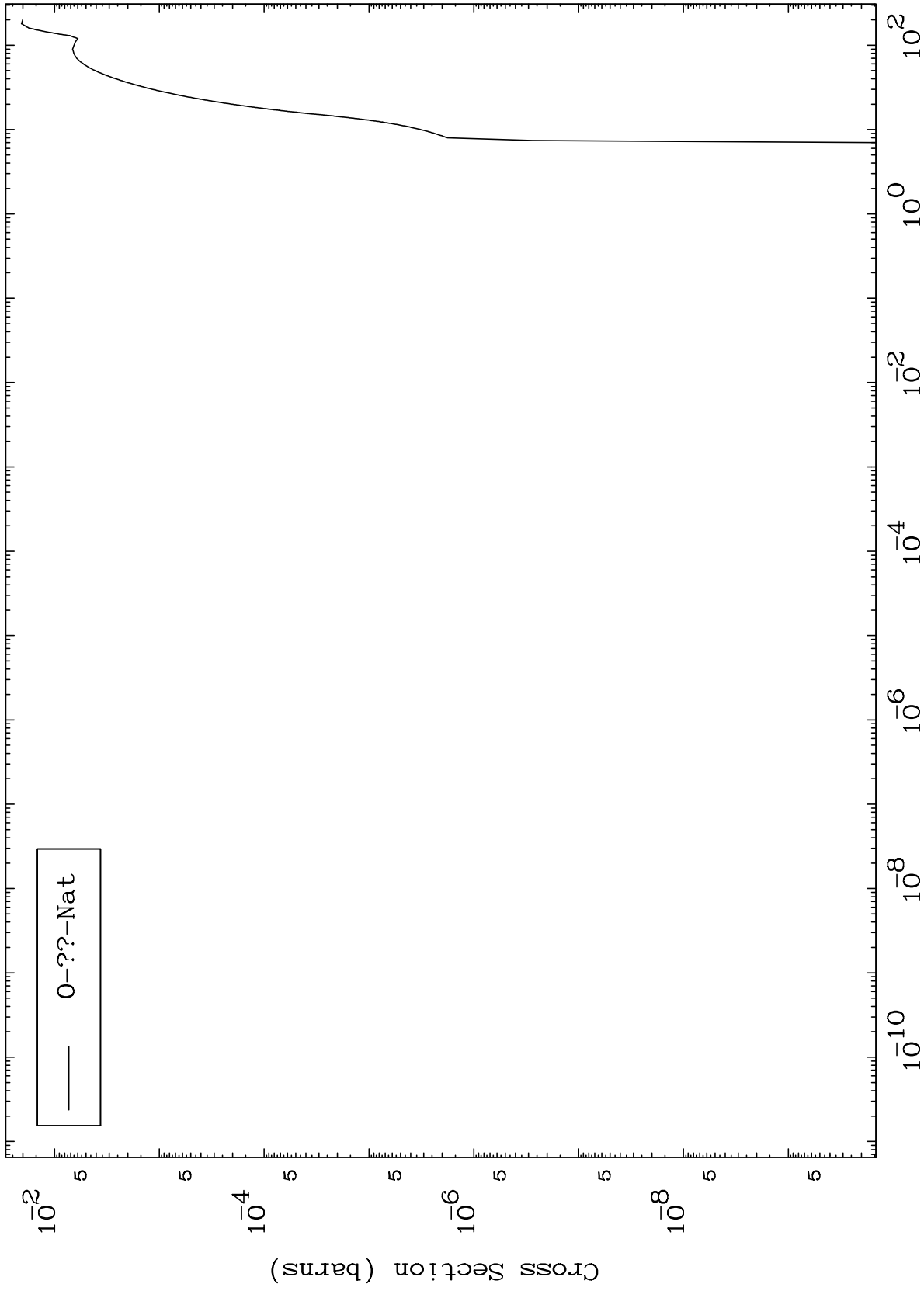
84-Po-201

MAT 8410

Fission

84-Po-201

Radionuclide Production Cross Section



77

Incident Energy (MeV)

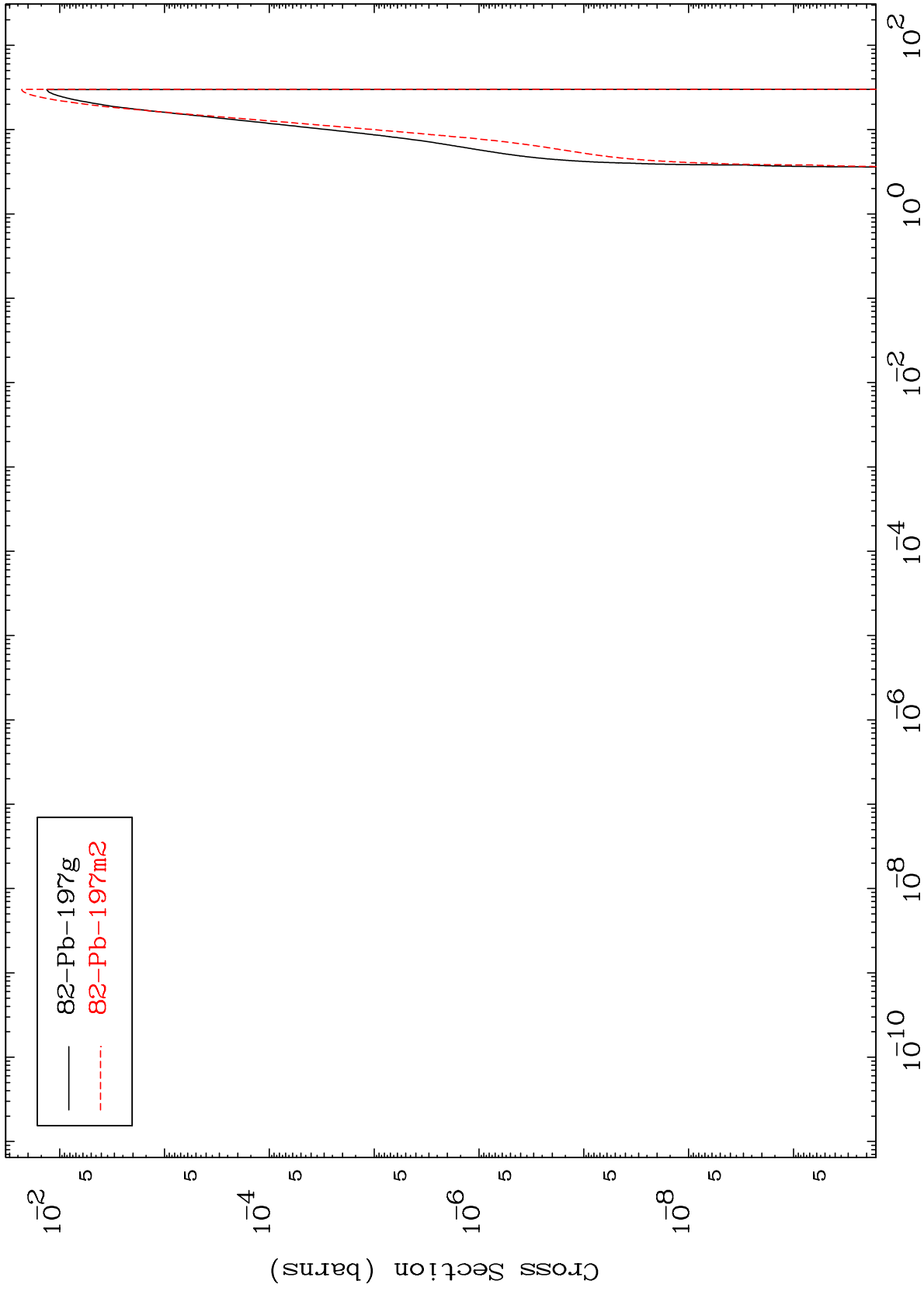
84-Po-201

MAT 8410

(n,n') α

84-Po-201

Radionuclide Production Cross Section



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

78

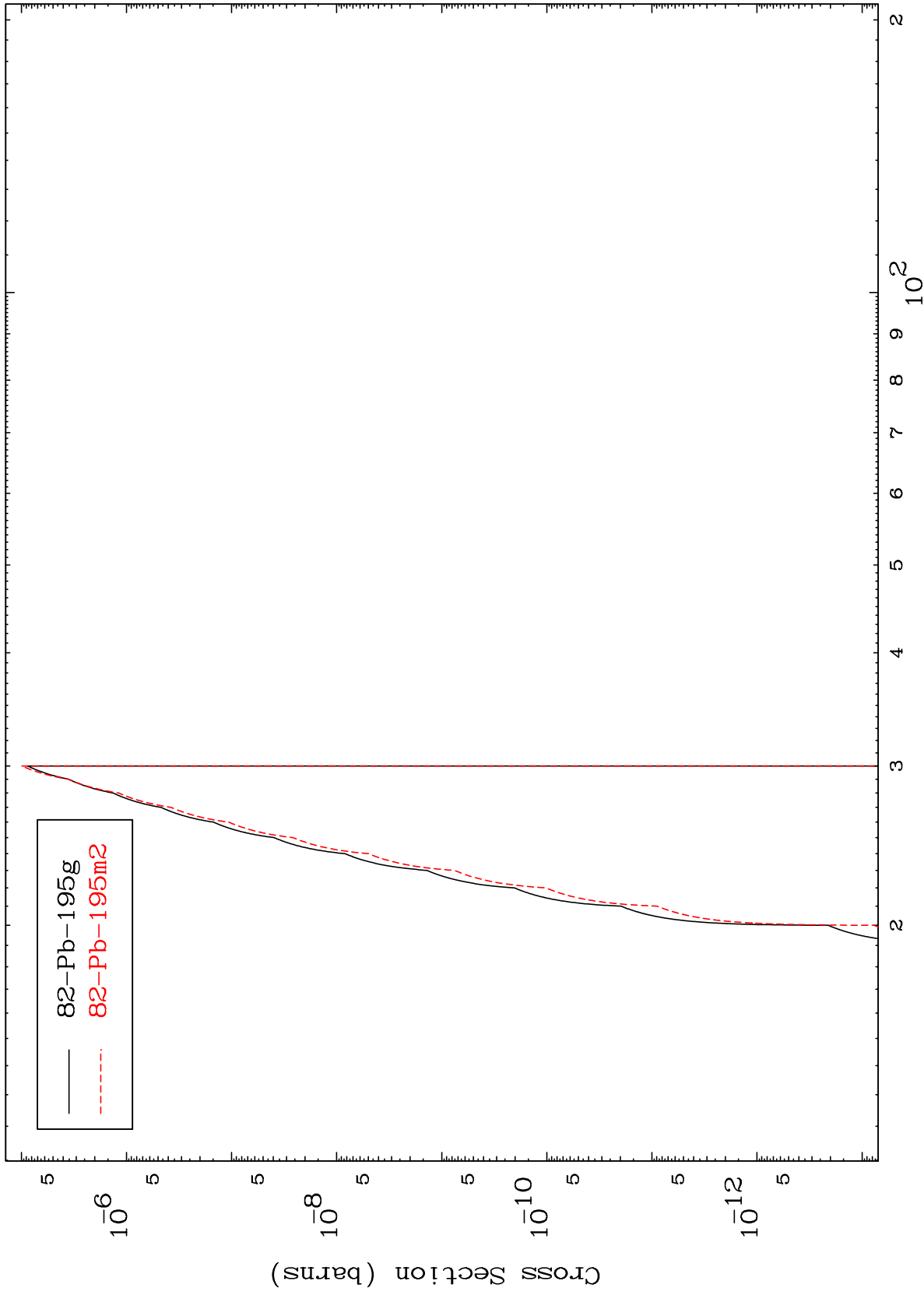
84-Po-201

MAT 8410

(n,3n) α

84-Po-201

Radionuclide Production Cross Section



79

Incident Energy (MeV)

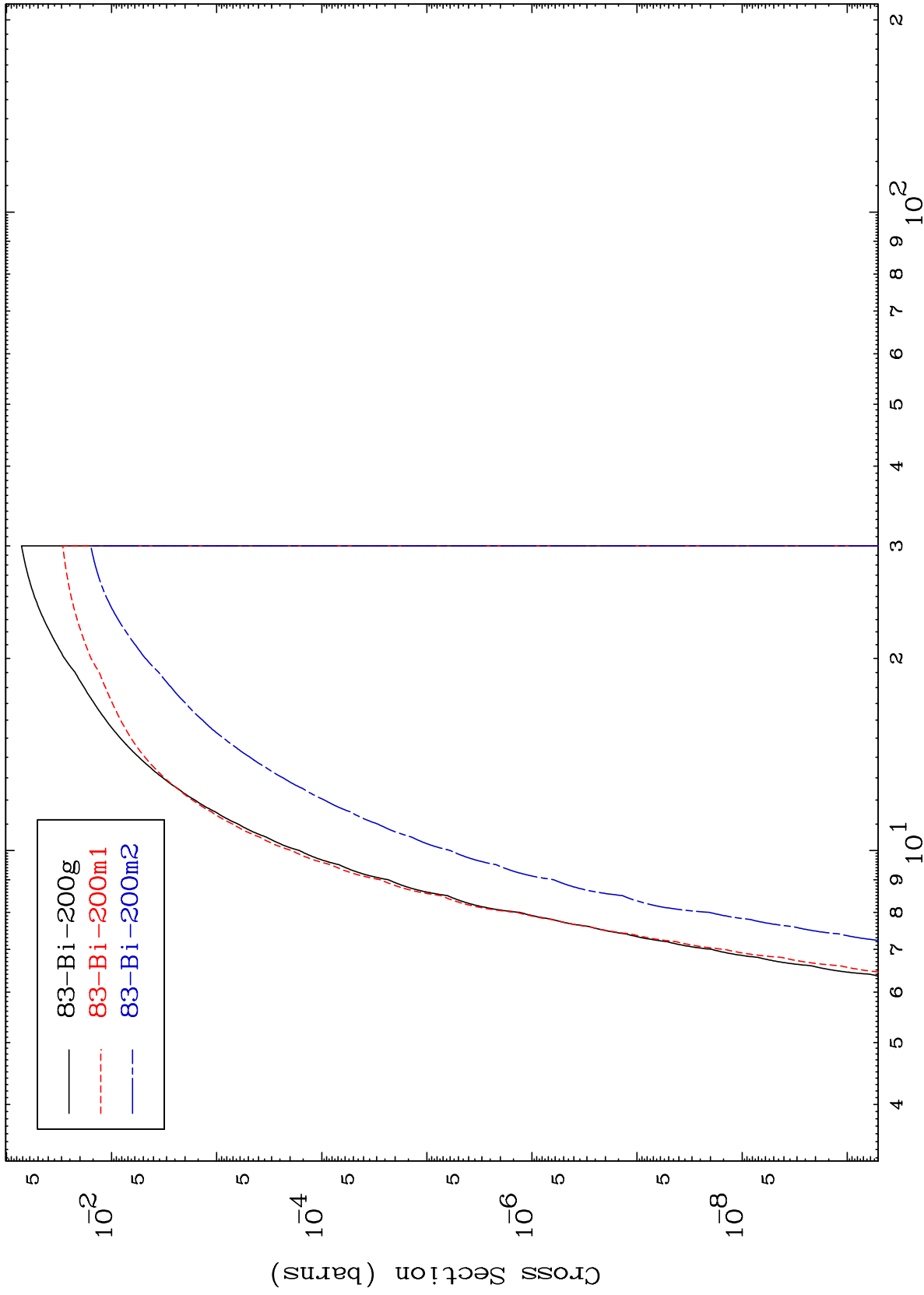
84-Po-201

MAT 8410

(n,n') p

84-Po-201

Radionuclide Production Cross Section



83-Bi-200g
83-Bi-200m1
83-Bi-200m2

80

Incident Energy (MeV)

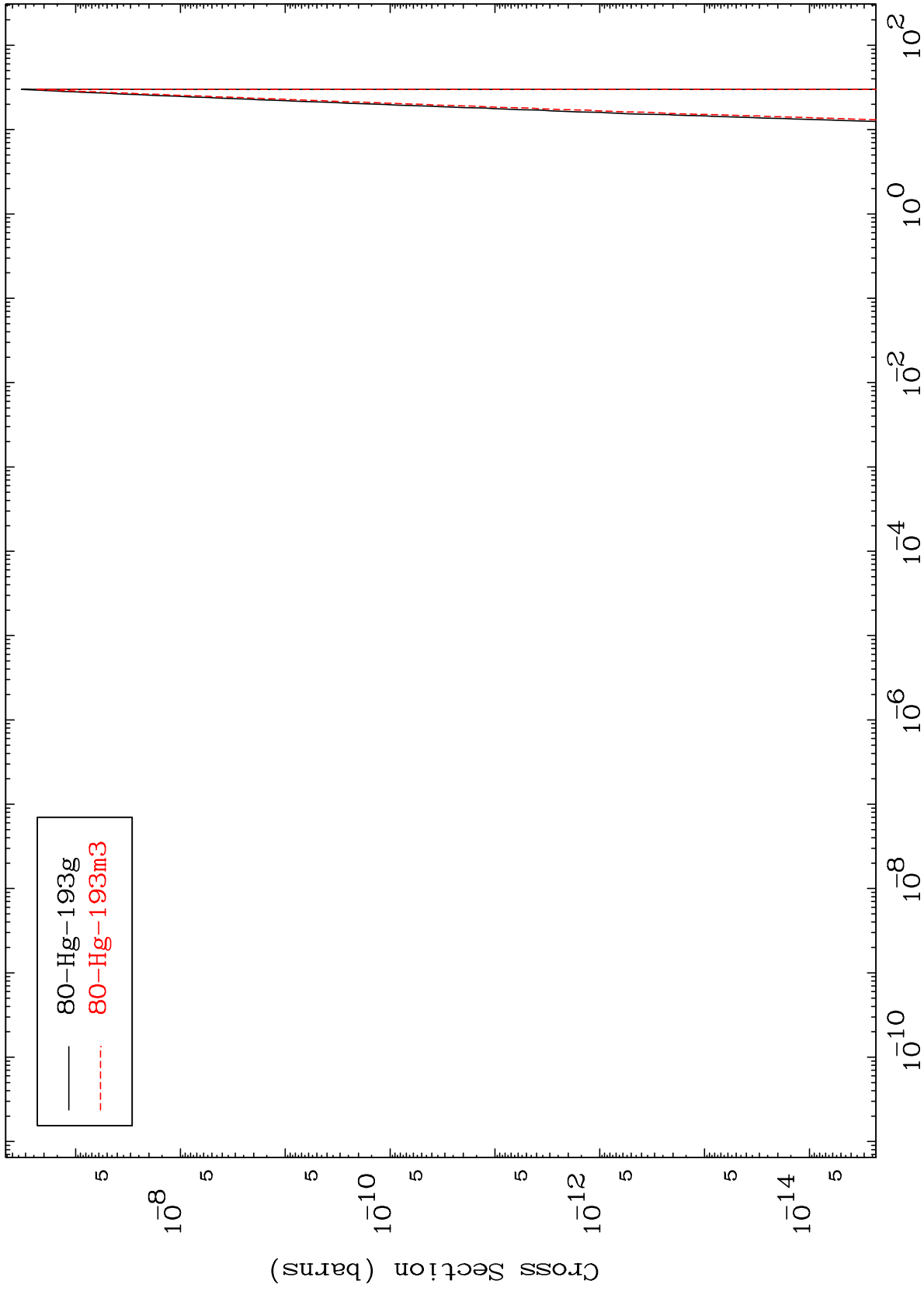
84-Po-201

MAT 8410

(n,n') 2 α

84-Po-201

Radionuclide Production Cross Section



81

Incident Energy (MeV)

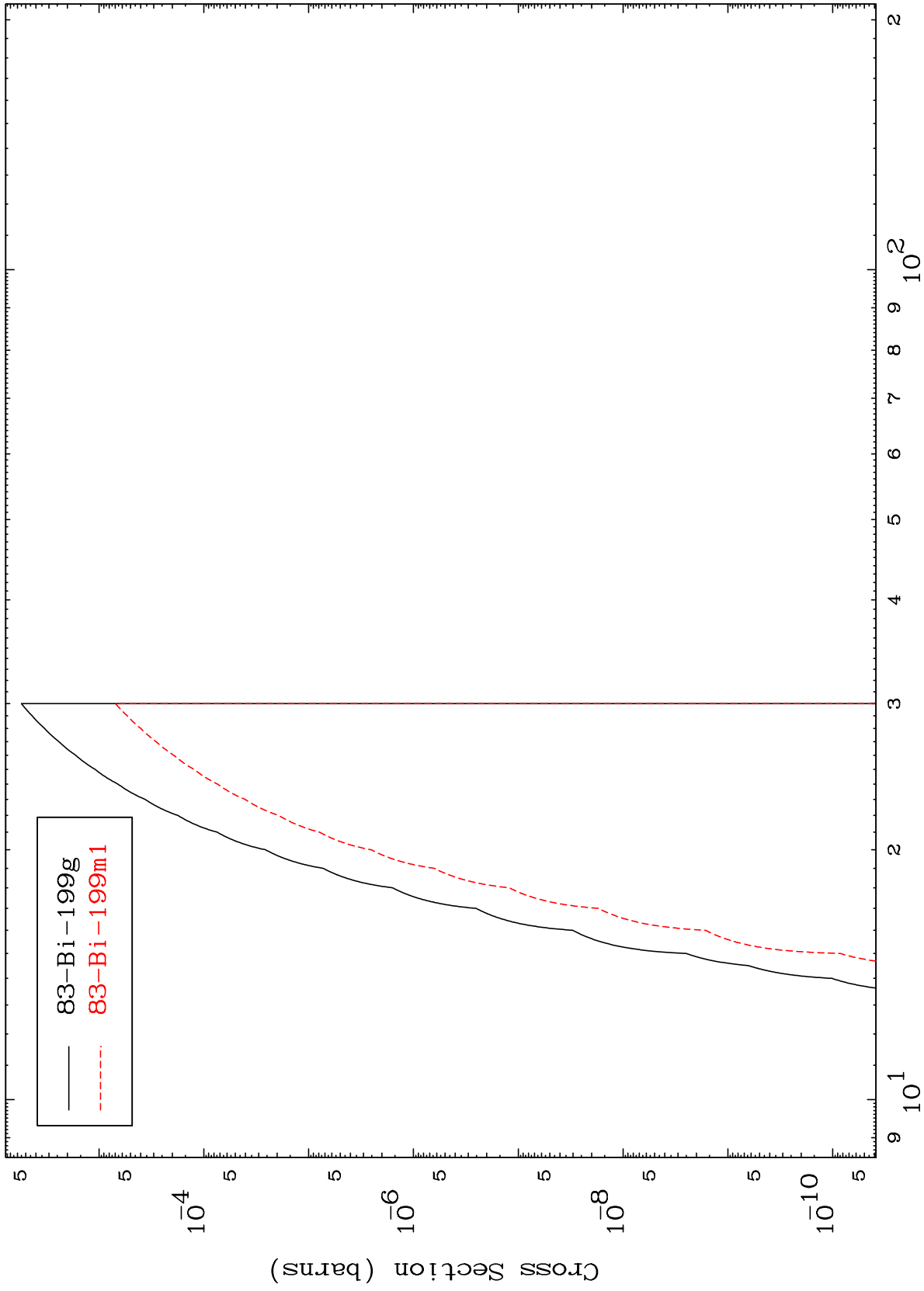
84-Po-201

MAT 8410

(n,n') d

84-Po-201

Radionuclide Production Cross Section



82

Incident Energy (MeV)

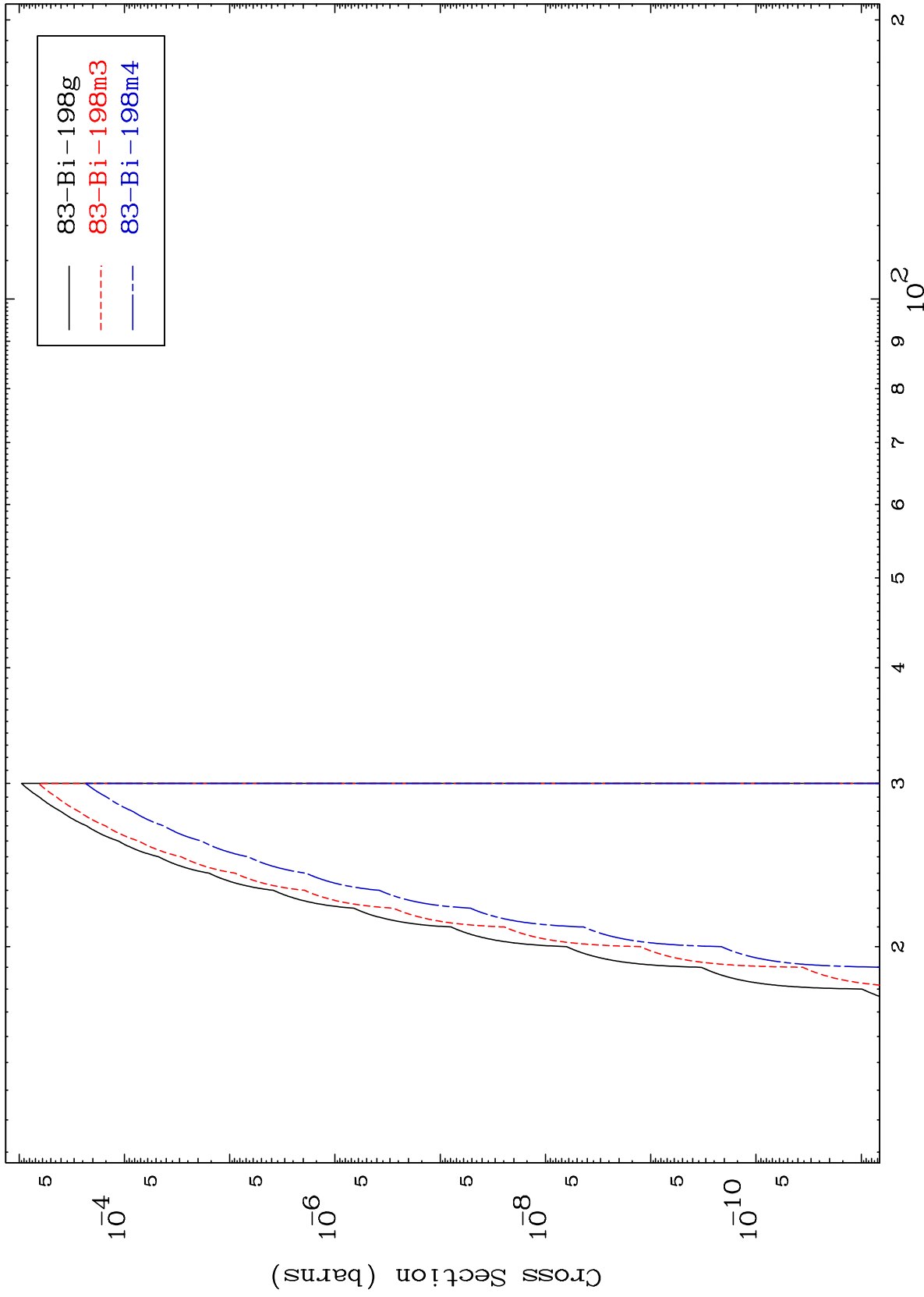
84-Po-201

MAT 8410

(n,n') t

84-Po-201

Radionuclide Production Cross Section



83

Incident Energy (MeV)

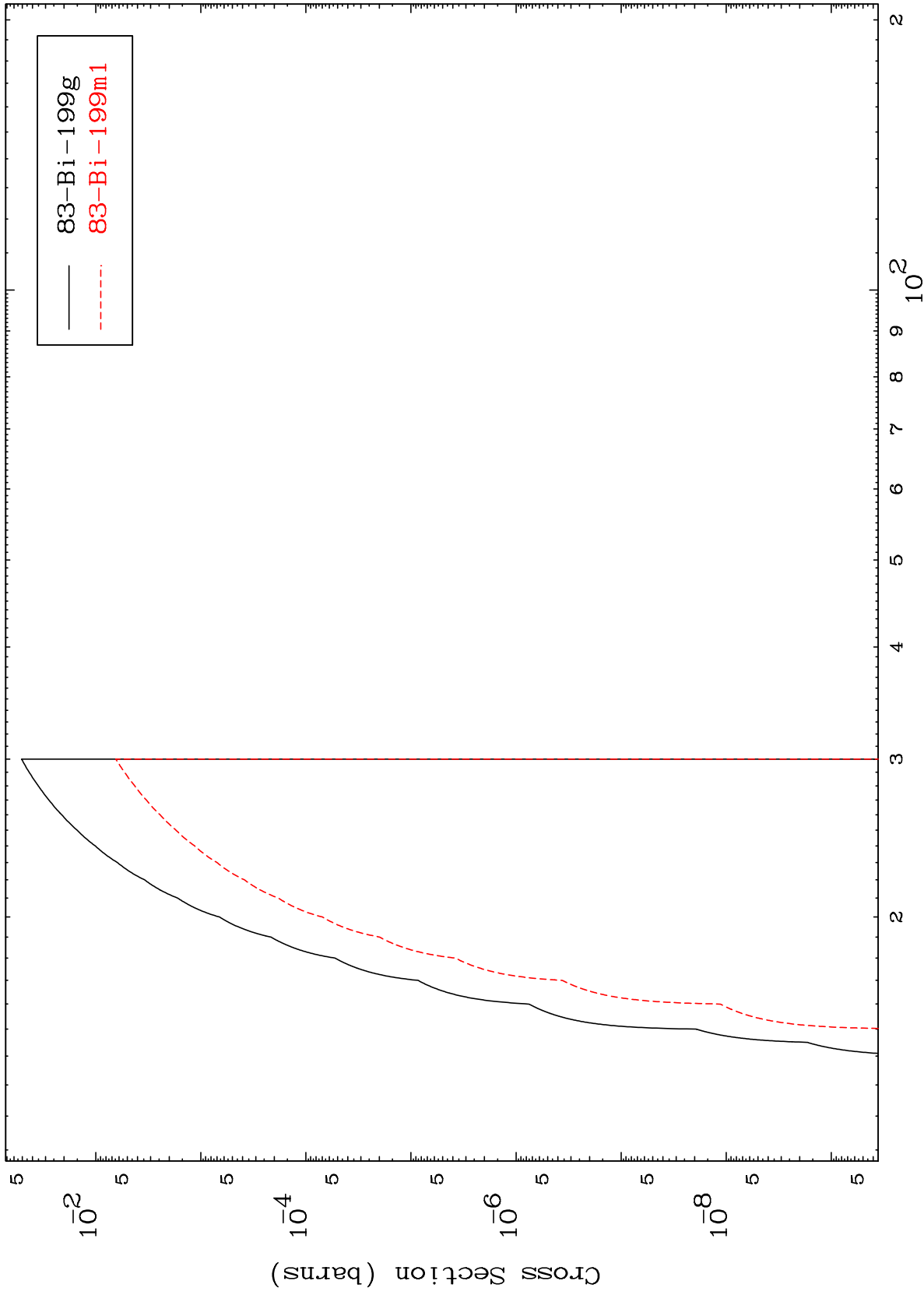
84-Po-201

MAT 8410

(n,2n) p

84-Po-201

Radionuclide Production Cross Section



84

Incident Energy (MeV)

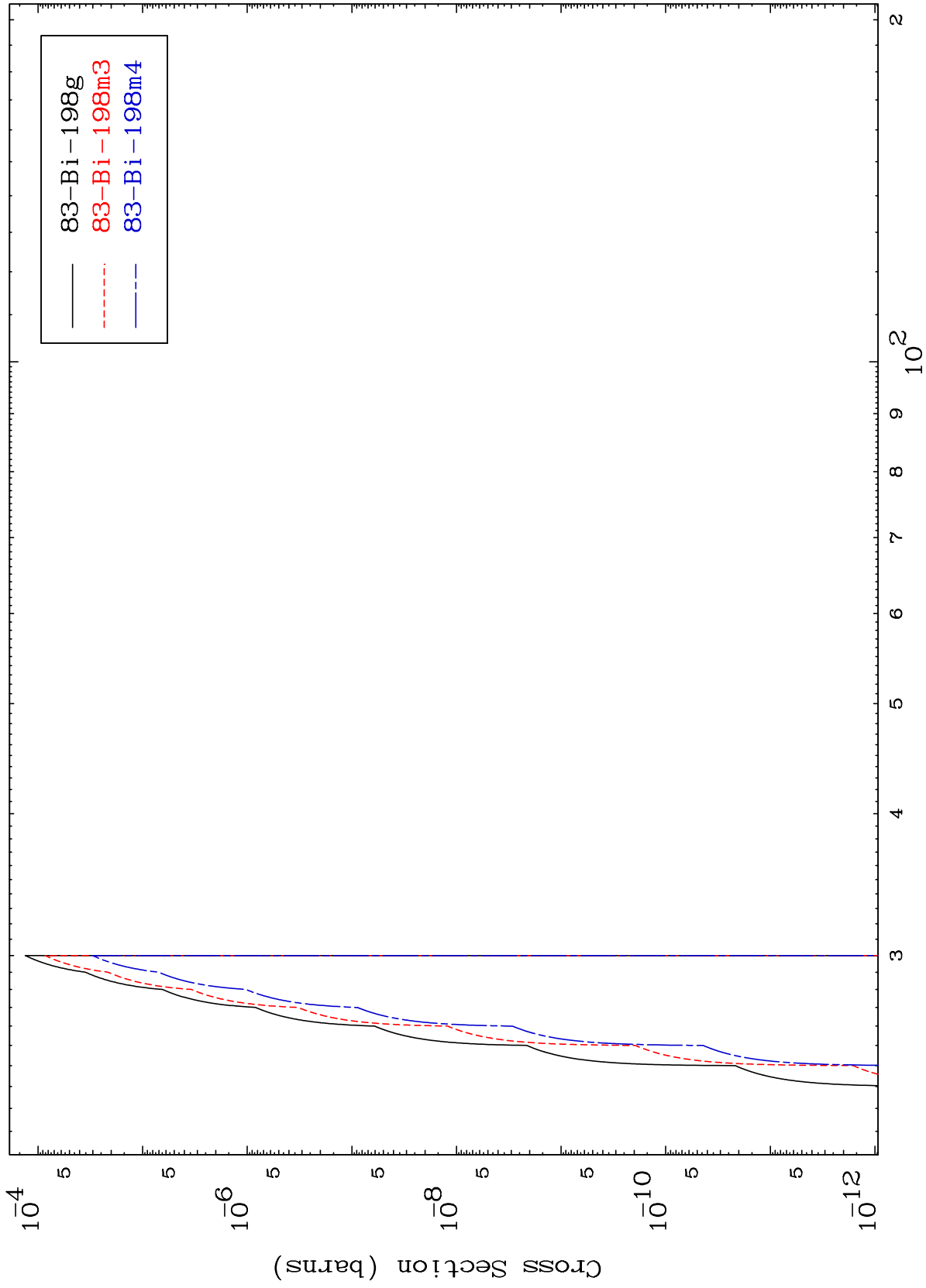
84-Po-201

MAT 8410

(n,3n) p

84-Po-201

Radionuclide Production Cross Section



85

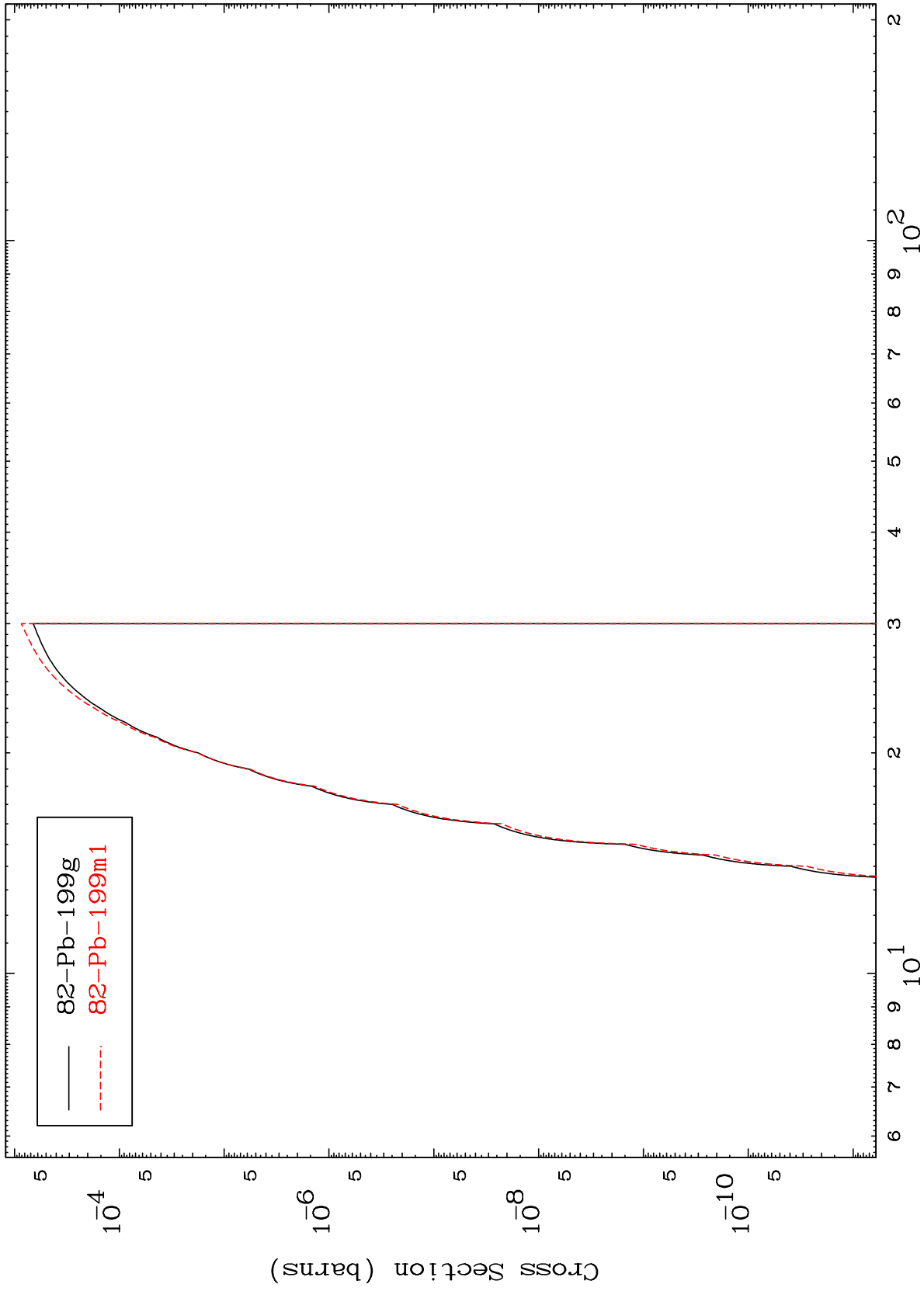
Incident Energy (MeV)

84-Po-201

MAT 8410

84-Po-201

(n,2n) p
Radionuclide Production Cross Section



86

84-Po-201

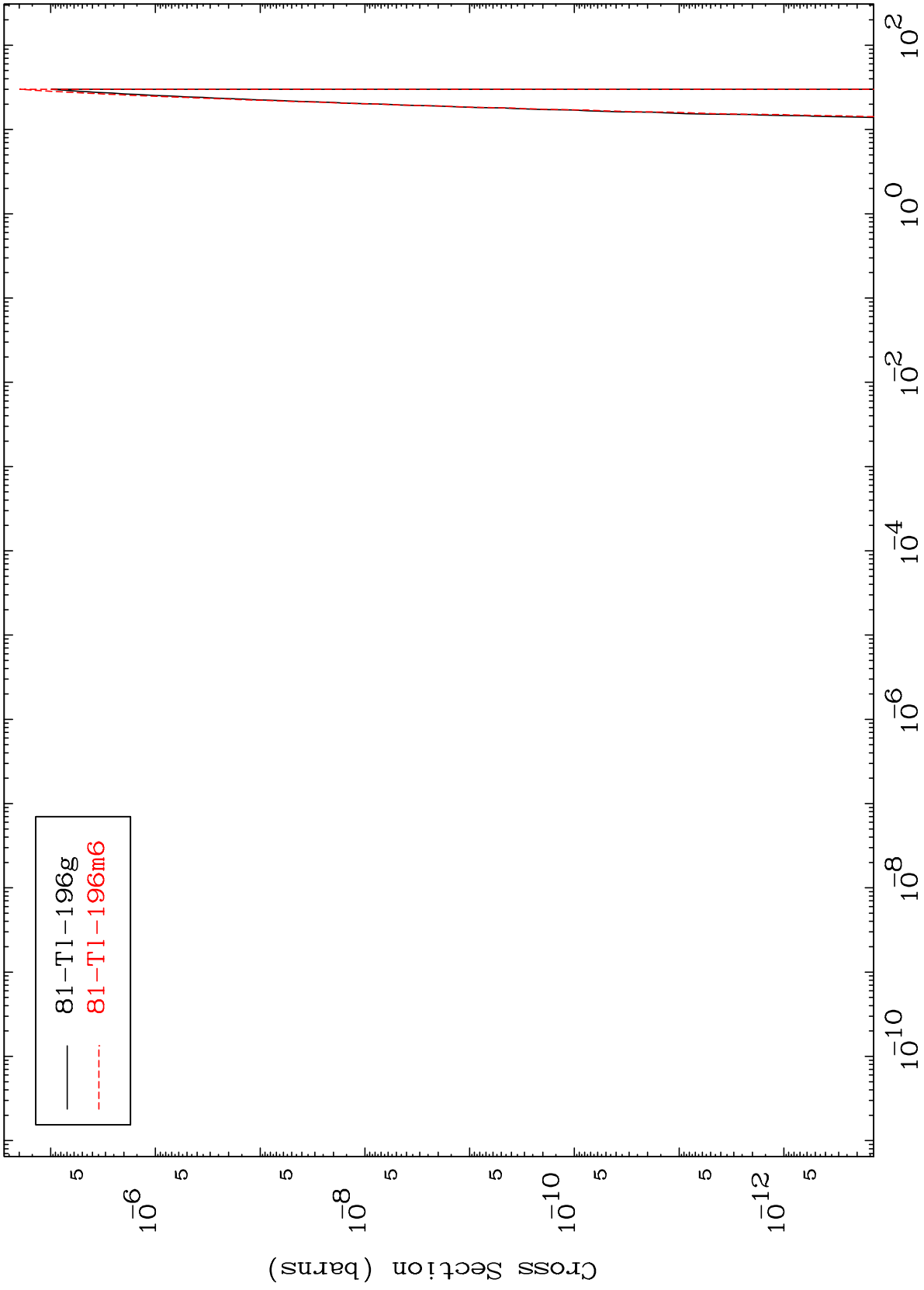
Incident Energy (MeV)

MAT 8410

(n,n') p α

84-Po-201

Radionuclide Production Cross Section



87

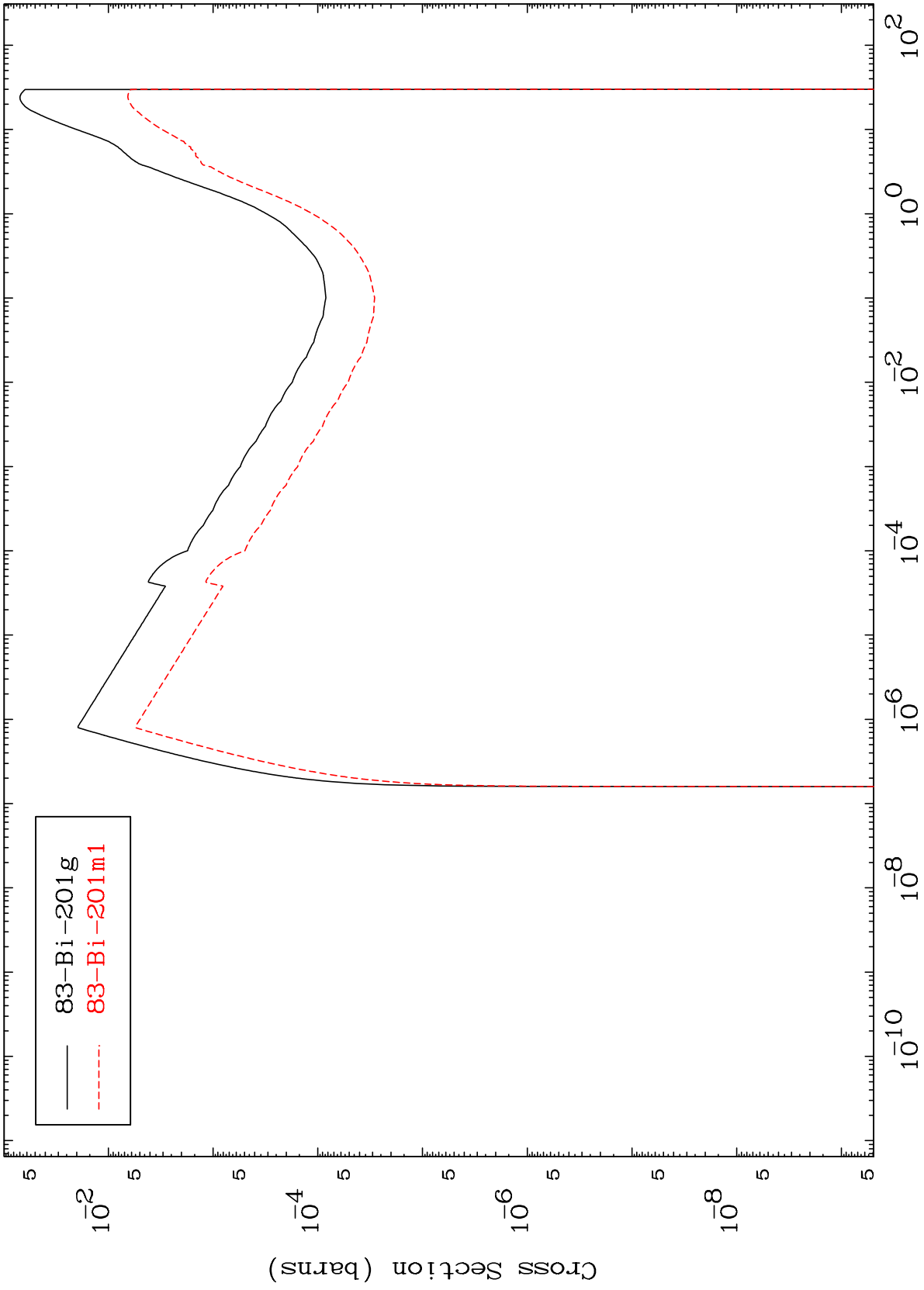
Incident Energy (MeV)

84-Po-201

MAT 8410

84-Po-201

(n,p)
Radionuclide Production Cross Section



— 83-Bi-201g
- - - 83-Bi-201m1

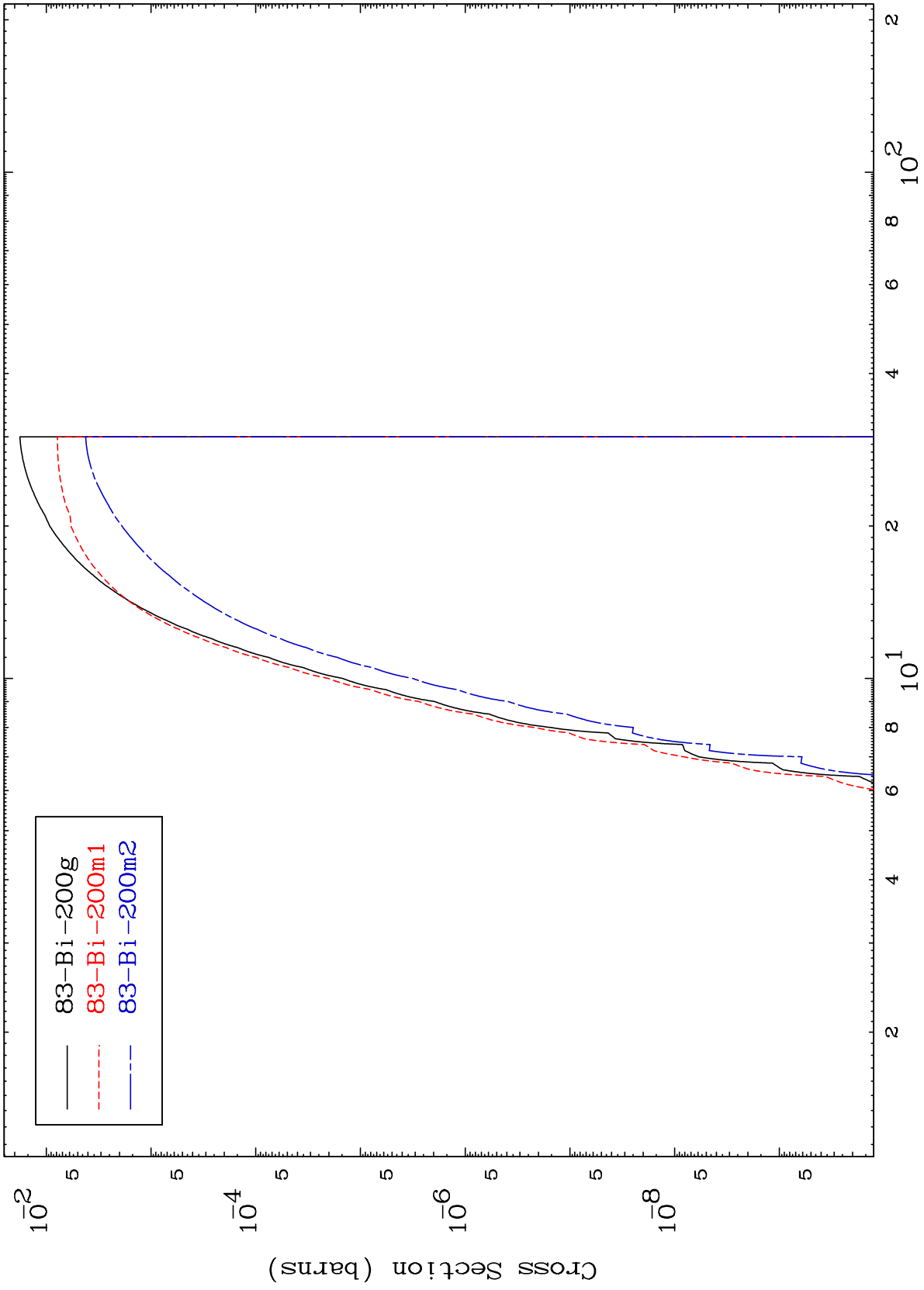
88

84-Po-201

MAT 8410

84-Po-201

(n,d)
Radionuclide Production Cross Section



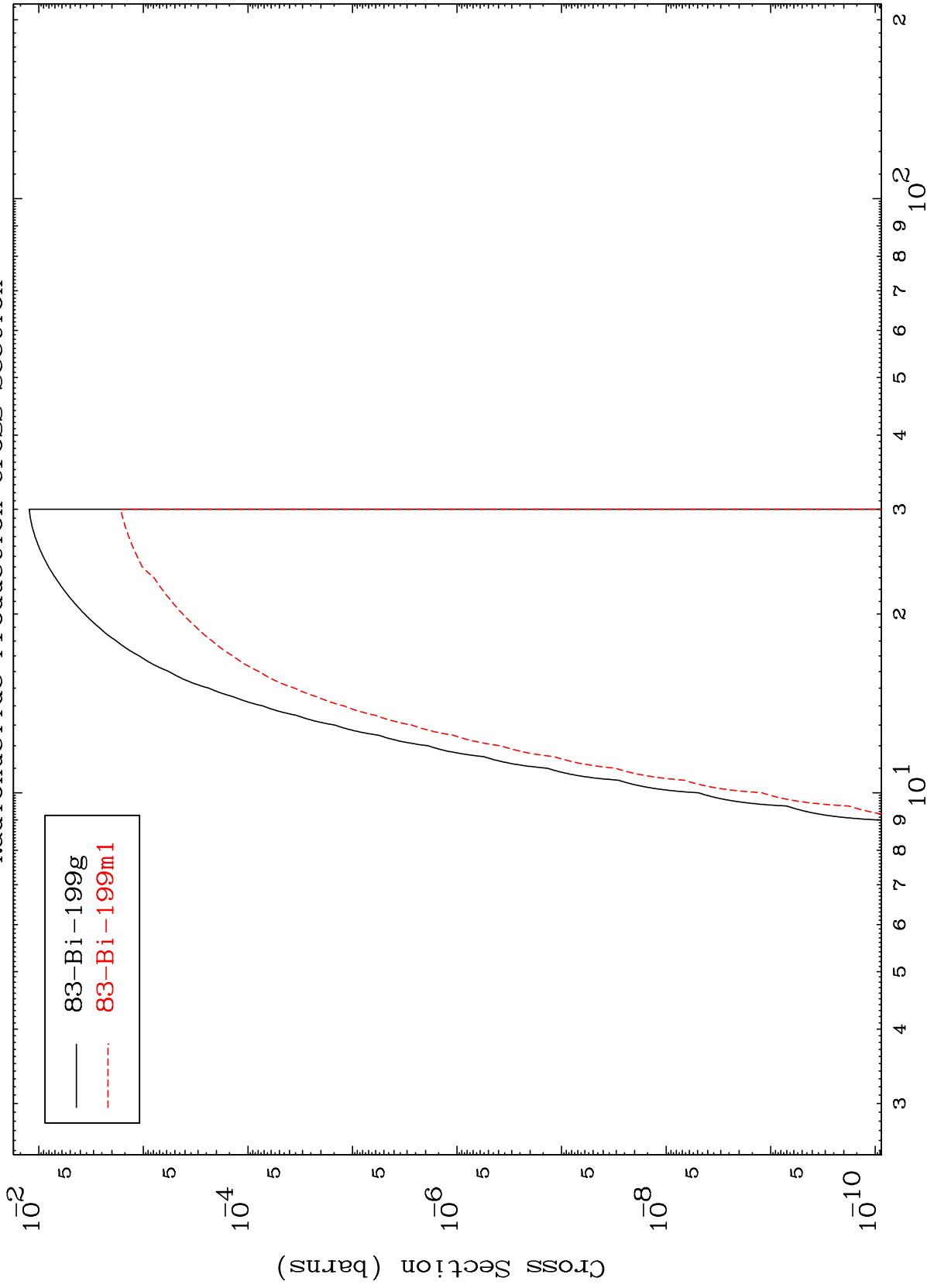
83-Bi-200g
83-Bi-200m1
83-Bi-200m2

89

MAT 8410

84-Po-201

Radionuclide Production Cross Section



90

Incident Energy (MeV)

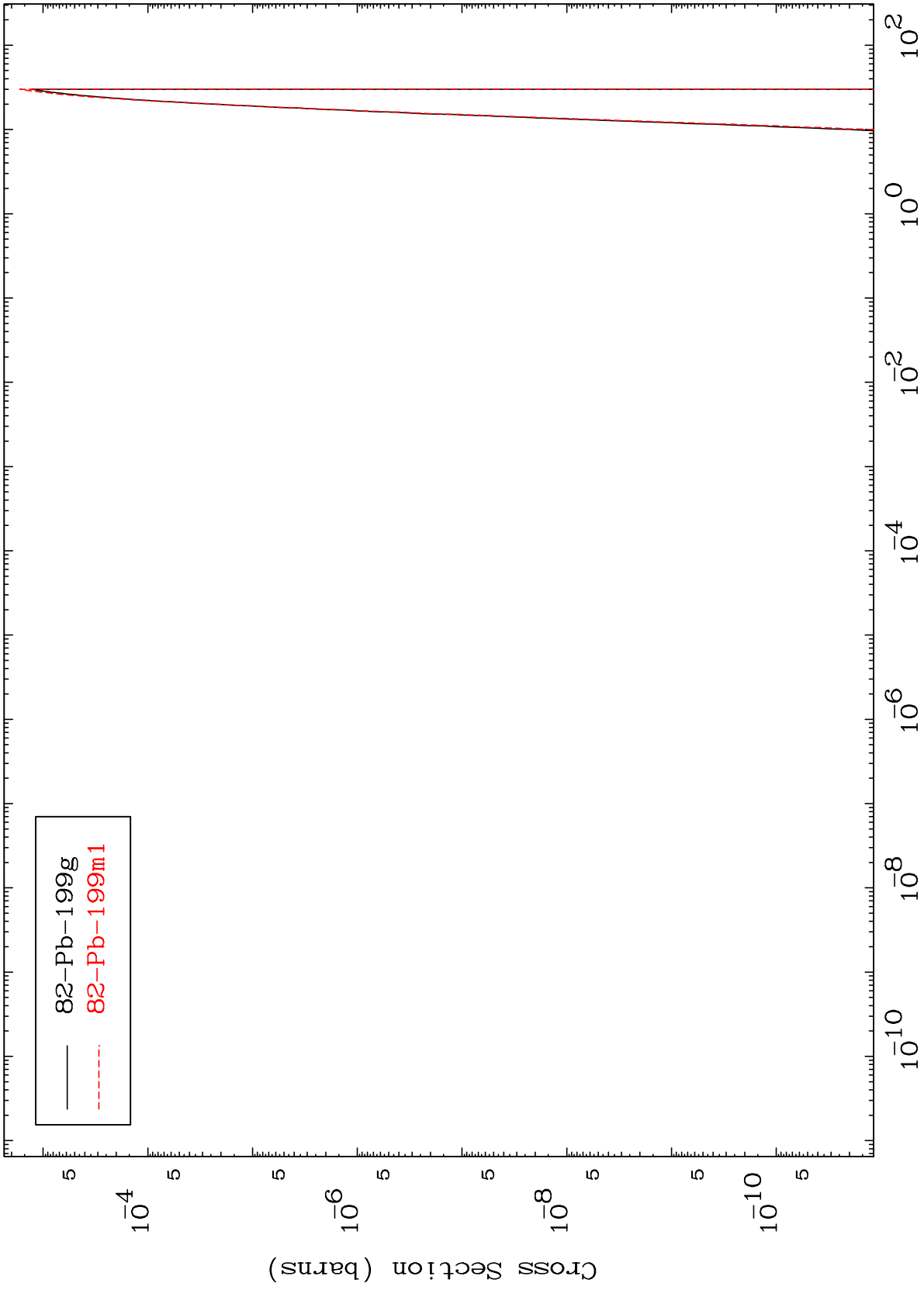
84-Po-201

MAT 8410

(n, He-3)

84-Po-201

Radionuclide Production Cross Section



91

Incident Energy (MeV)

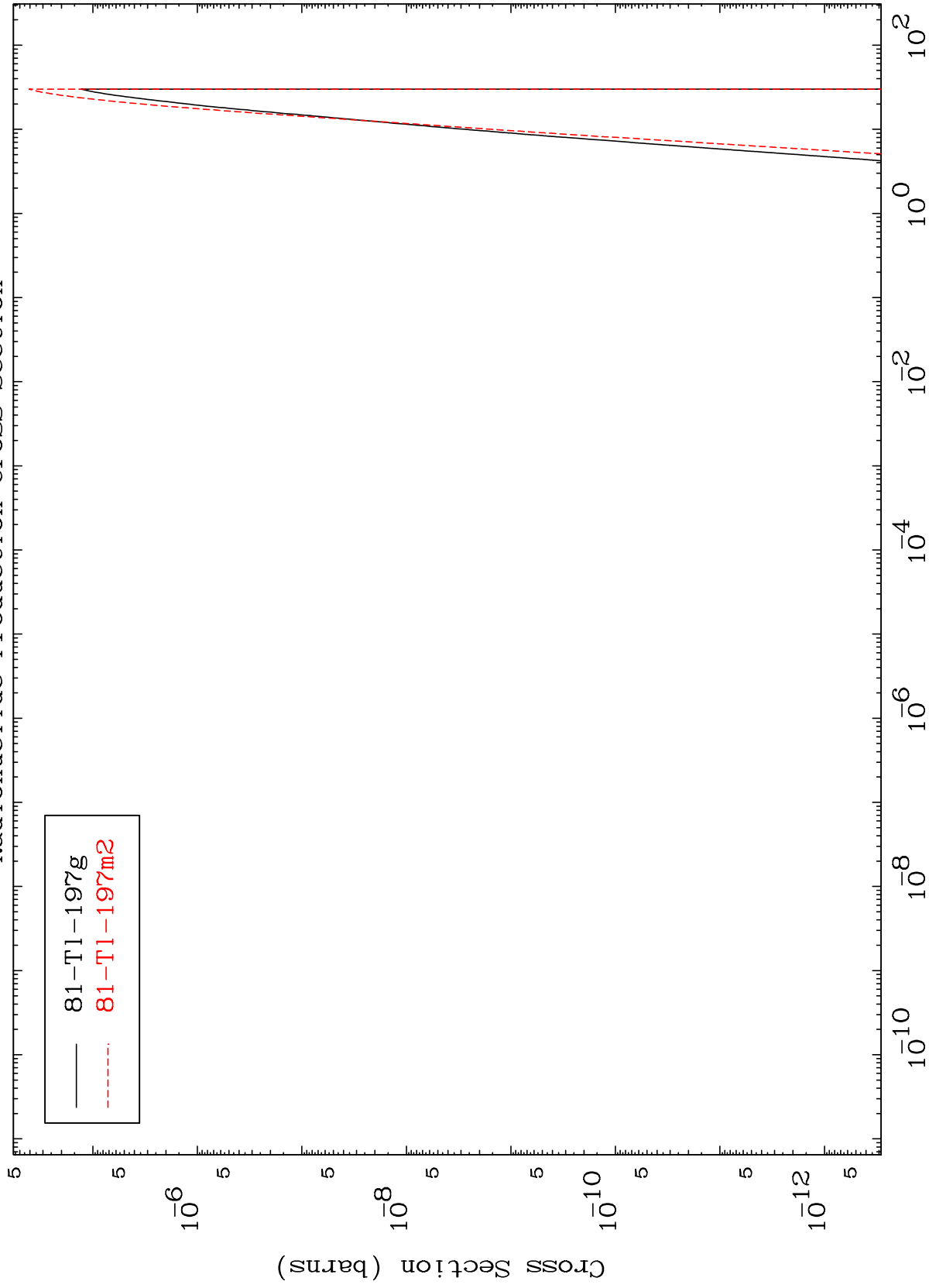
84-Po-201

MAT 8410

(n,p) α

84-Po-201

Radionuclide Production Cross Section



92

Incident Energy (MeV)

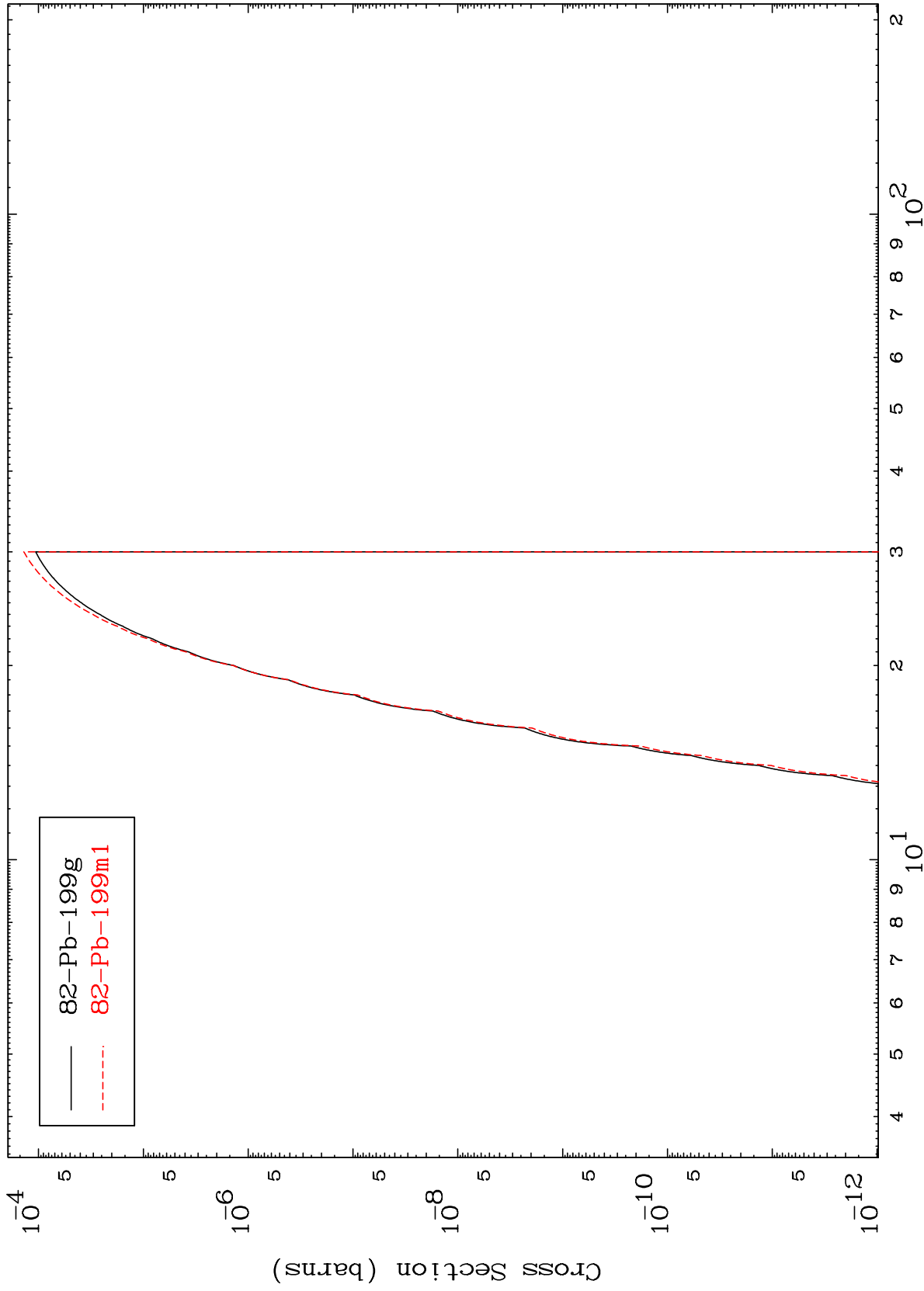
84-Po-201

MAT 8410

(n,p) d

84-Po-201

Radionuclide Production Cross Section



93

Incident Energy (MeV)

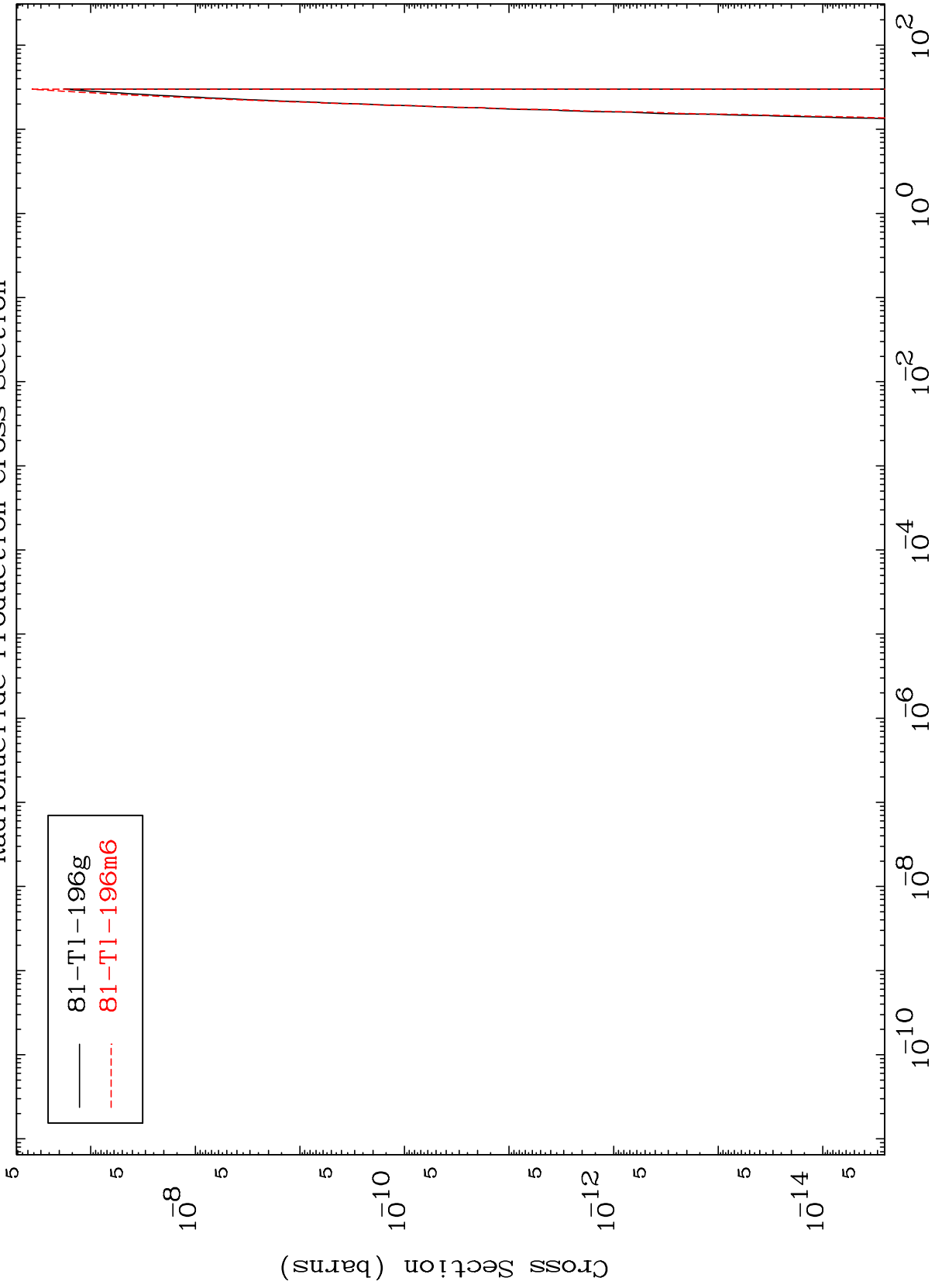
84-Po-201

MAT 8410

(n,d) α

84-Po-201

Radionuclide Production Cross Section



94

Incident Energy (MeV)

84-Po-201