

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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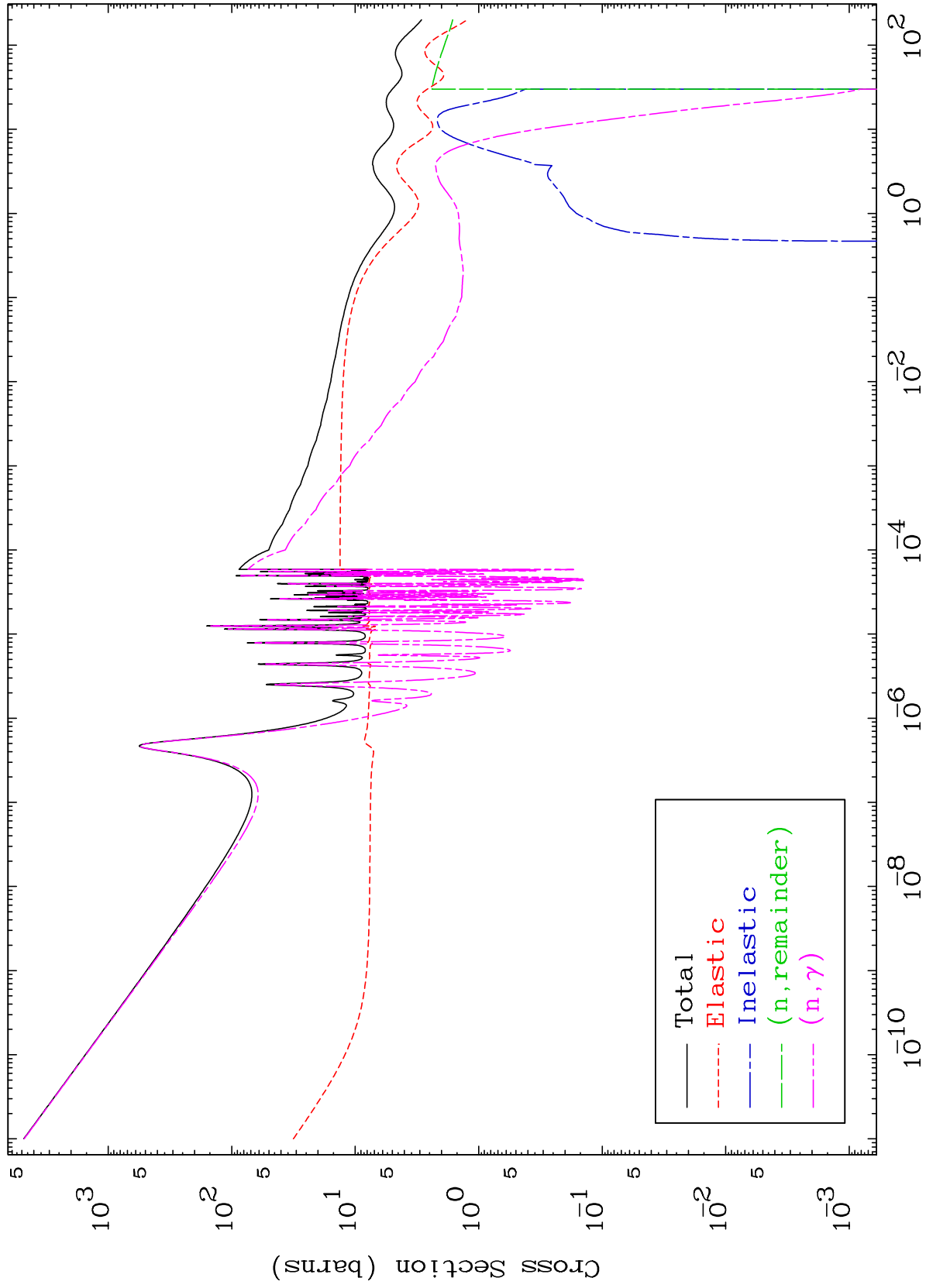
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8395

Major
293 Kelvin Cross Sections

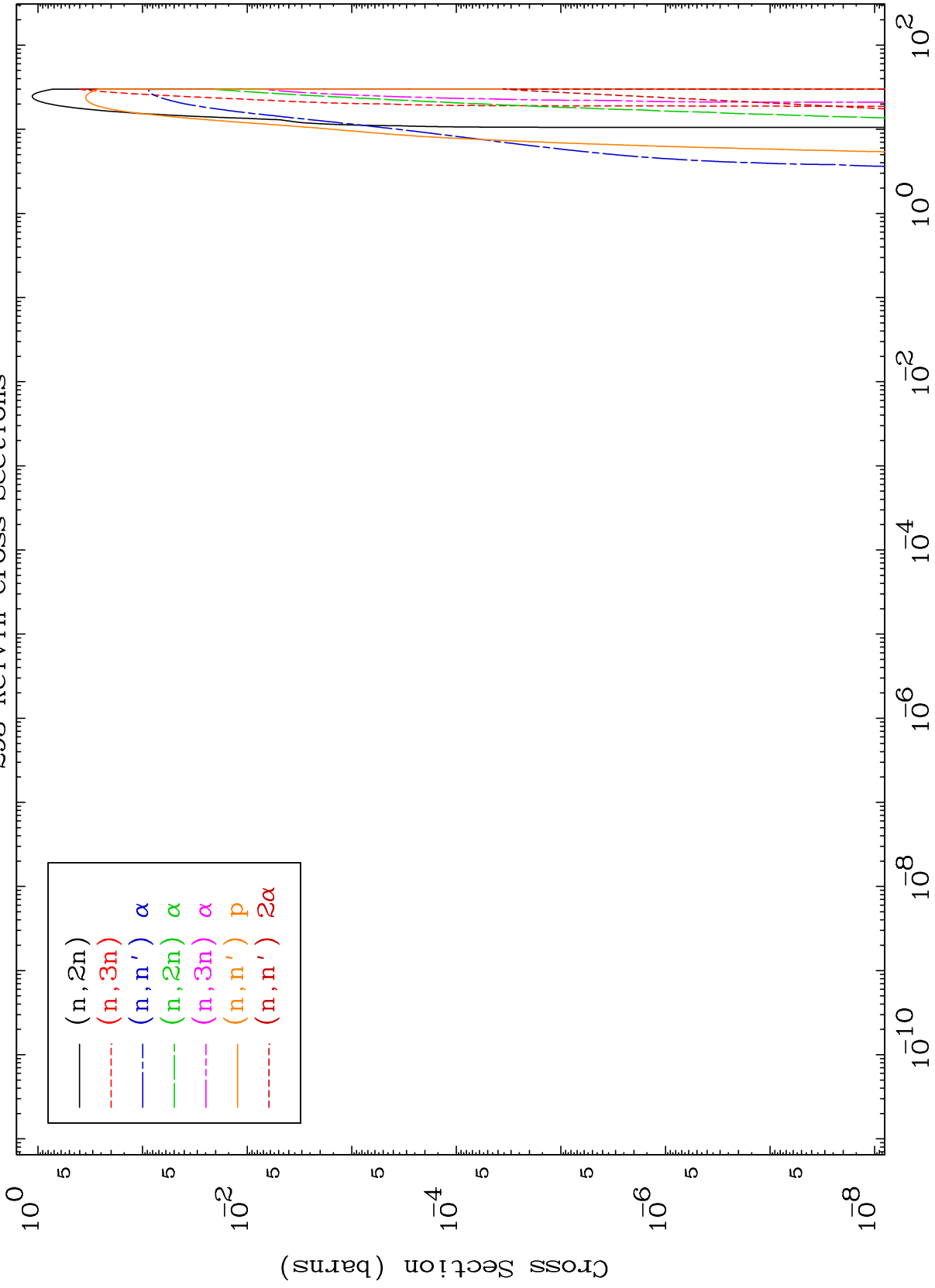
84-Po-196



MAT 8395

Neutron Production
293 Kelvin Cross Sections

84-Po-196



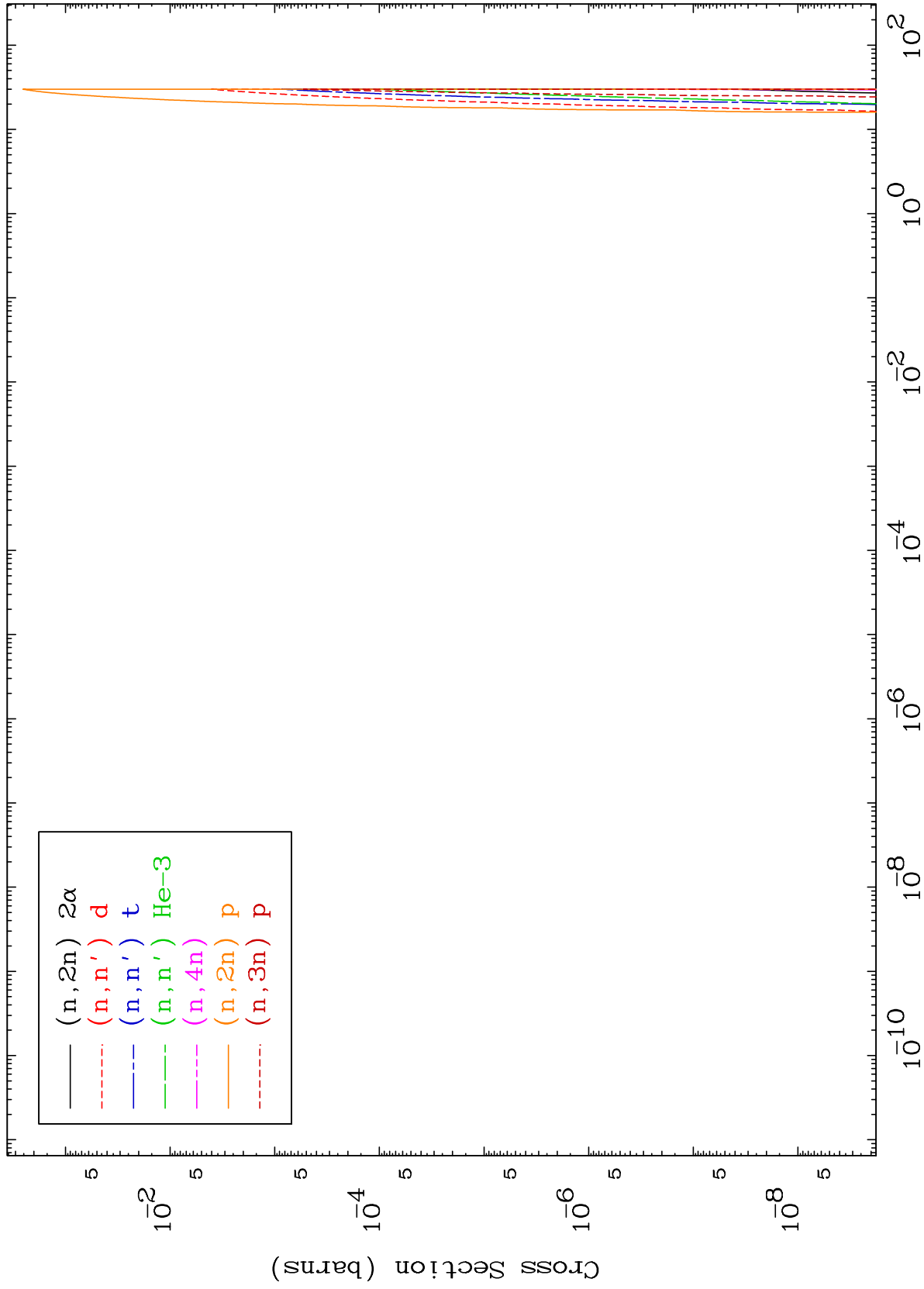
2

84-Po-196

MAT 8395

Neutron Production
293 Kelvin Cross Sections

84-Po-196

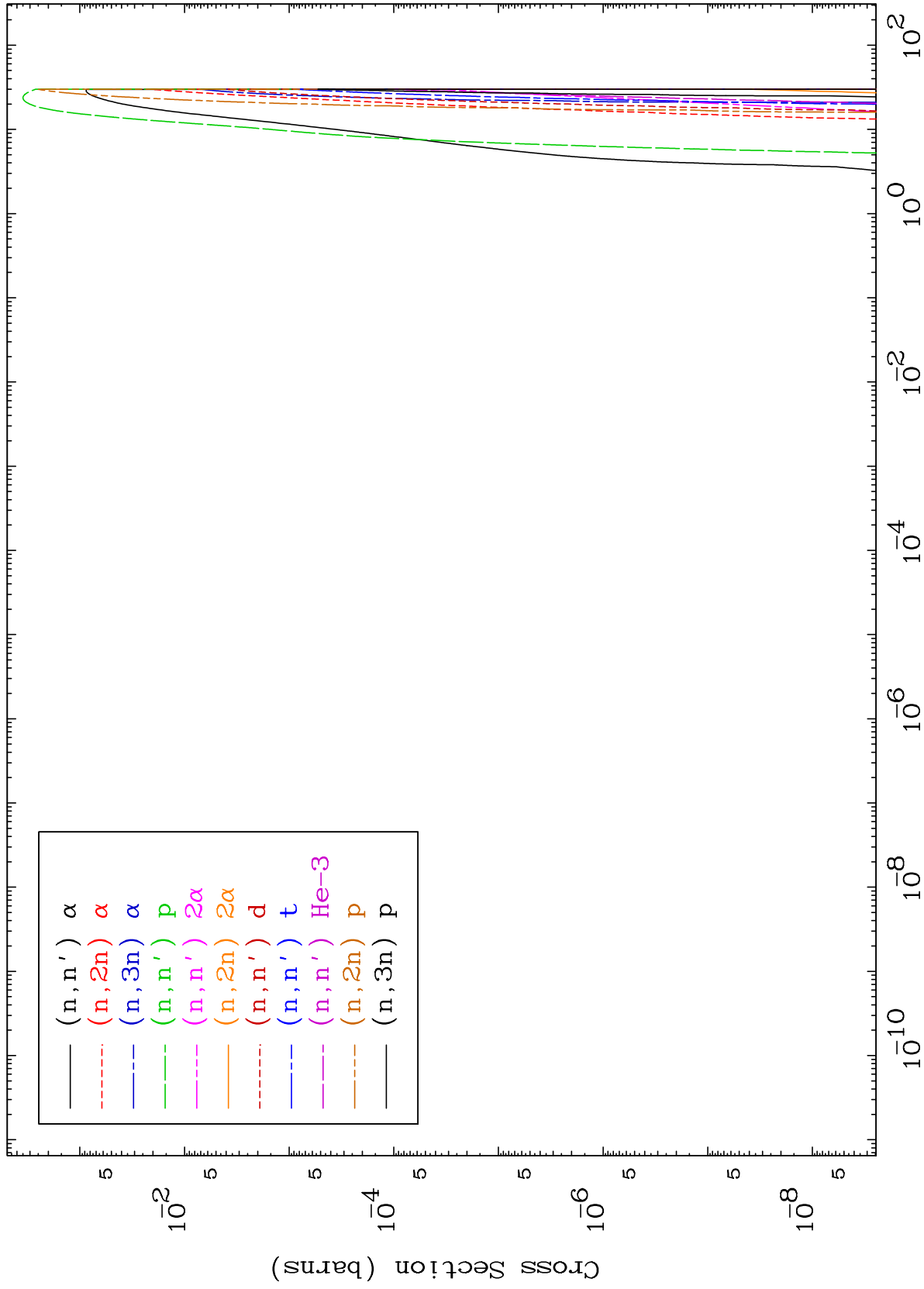


84-Po-196

MAT 8395

Charged Particle
293 Kelvin Cross Sections

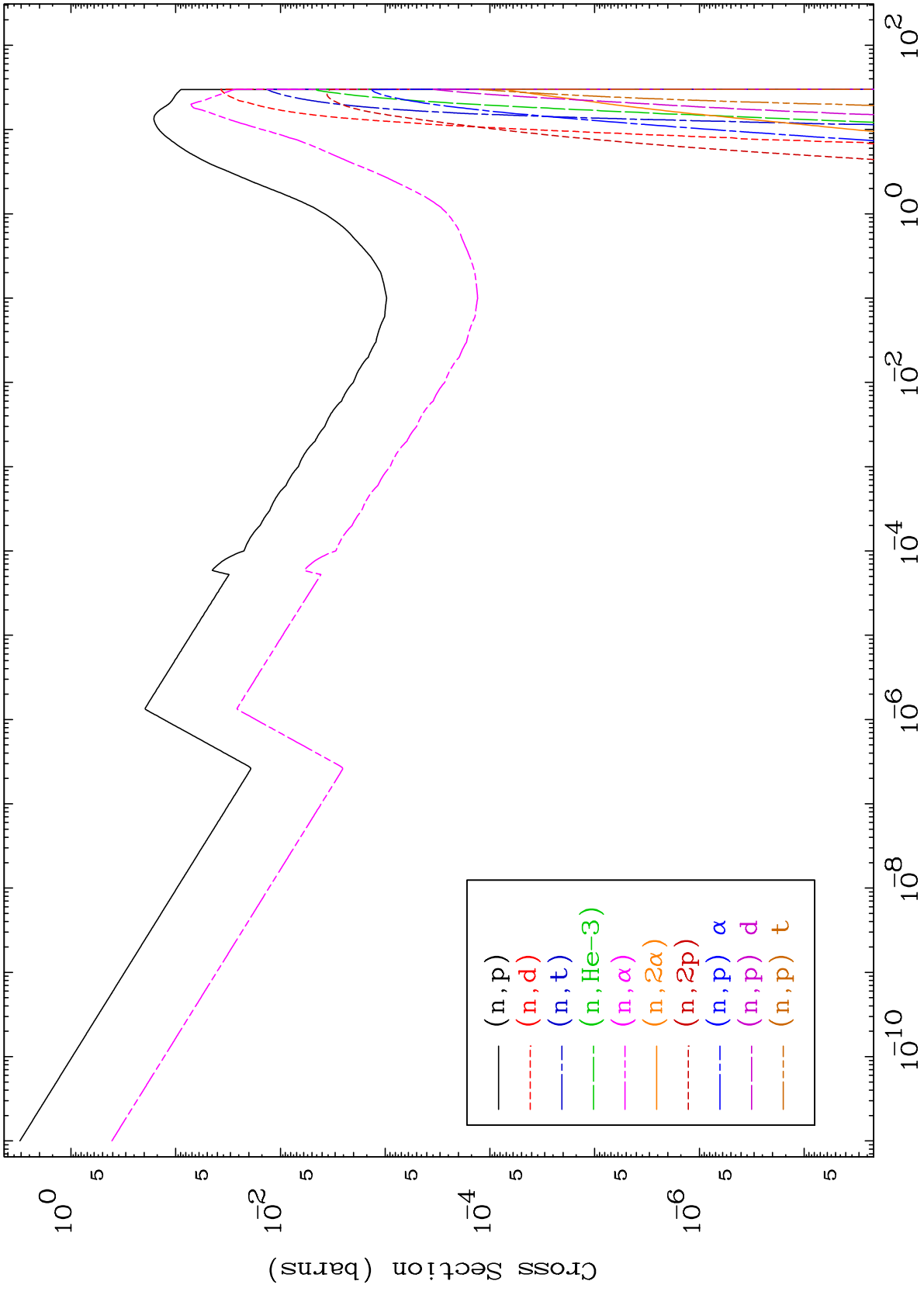
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MAT 8395

293 Kelvin Cross Sections

84-Po-196

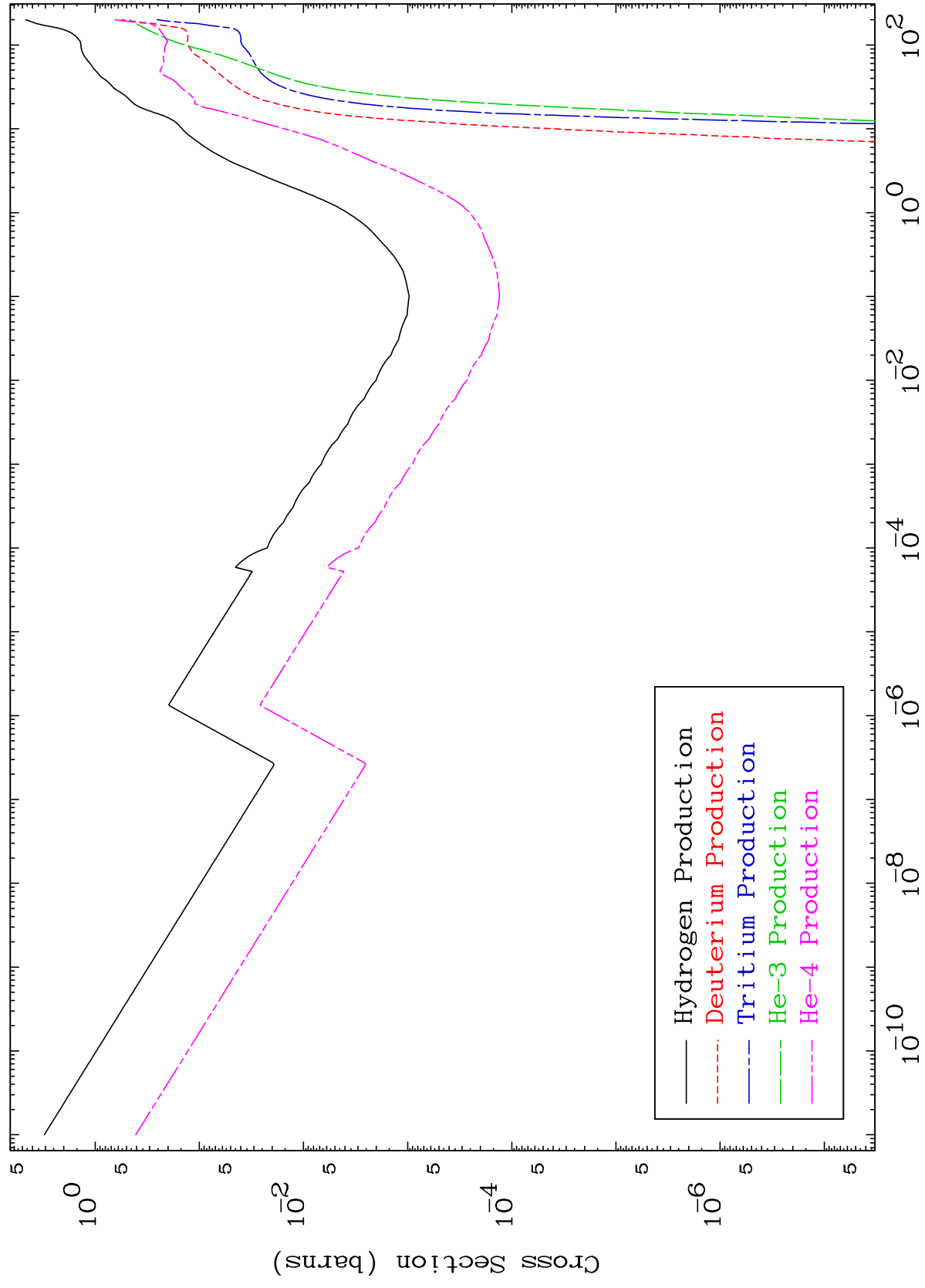


84-Po-196

MAT 8395

Particle Production
293 Kelvin Cross Sections

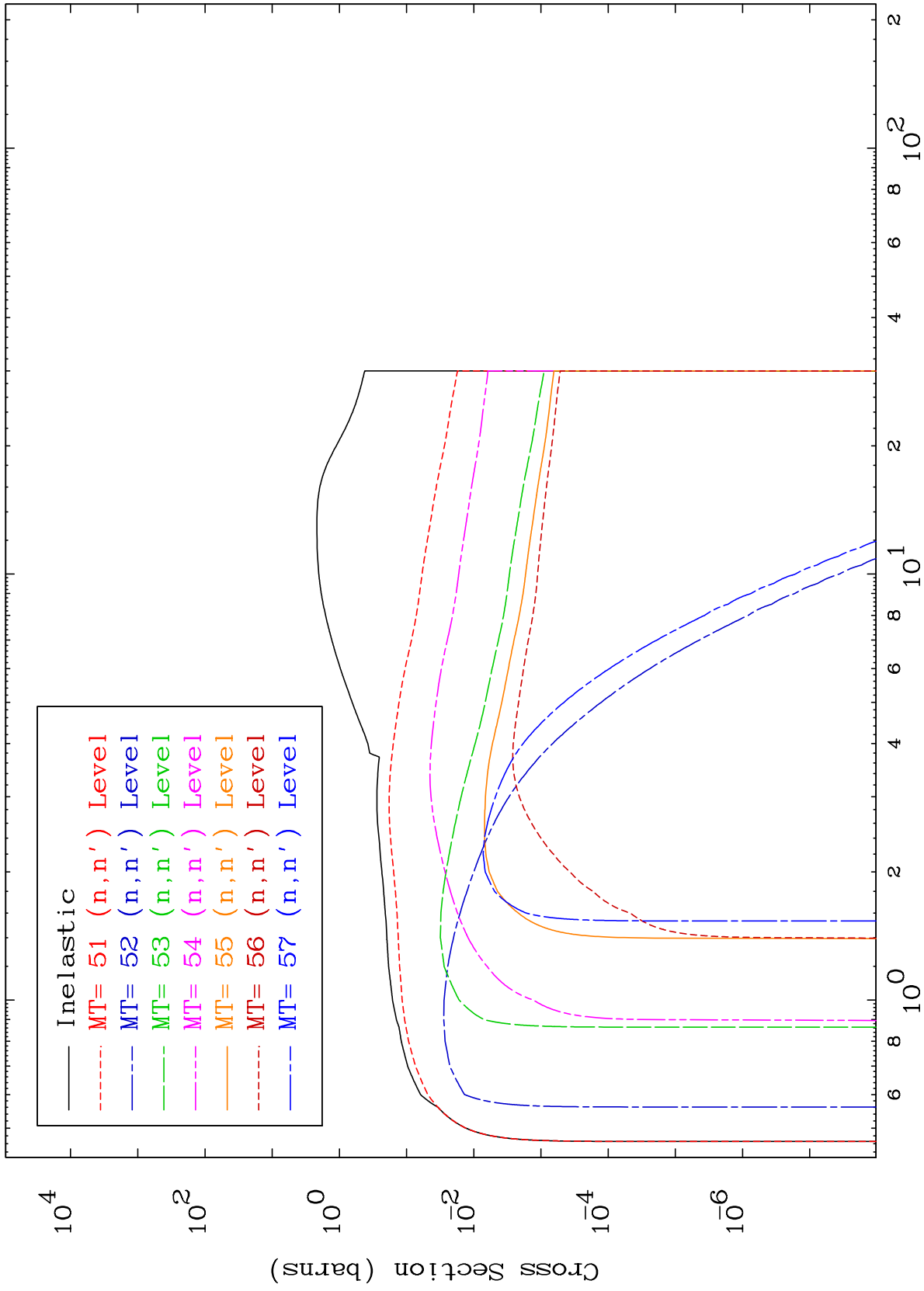
84-Po-196



MAT 8395

(n,n') Level
293 Kelvin Cross Sections

84-Po-196



7

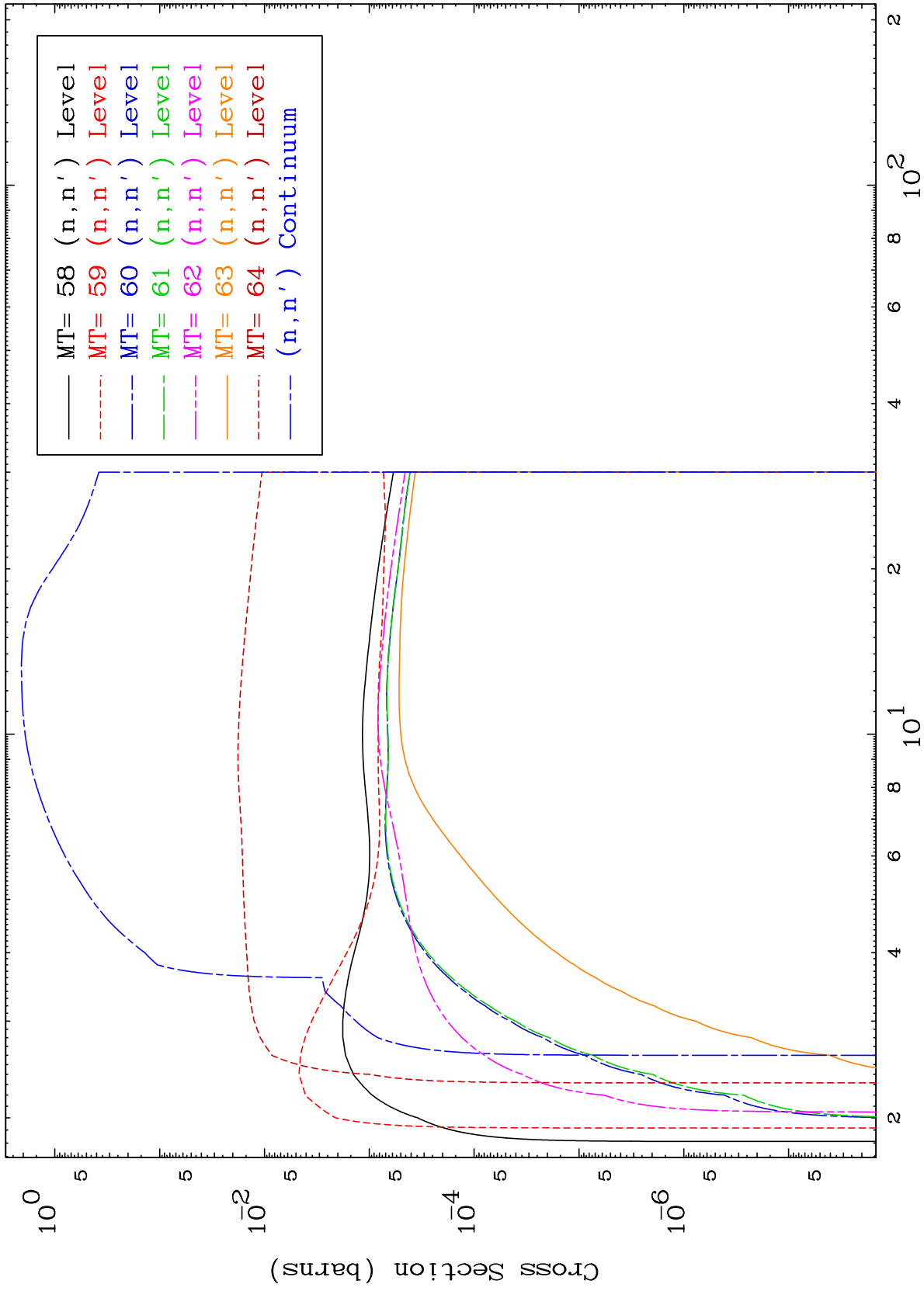
Incident Energy (MeV)

84-Po-196

MAT 8395

(n,n') Level
293 Kelvin Cross Sections

84-Po-196



8

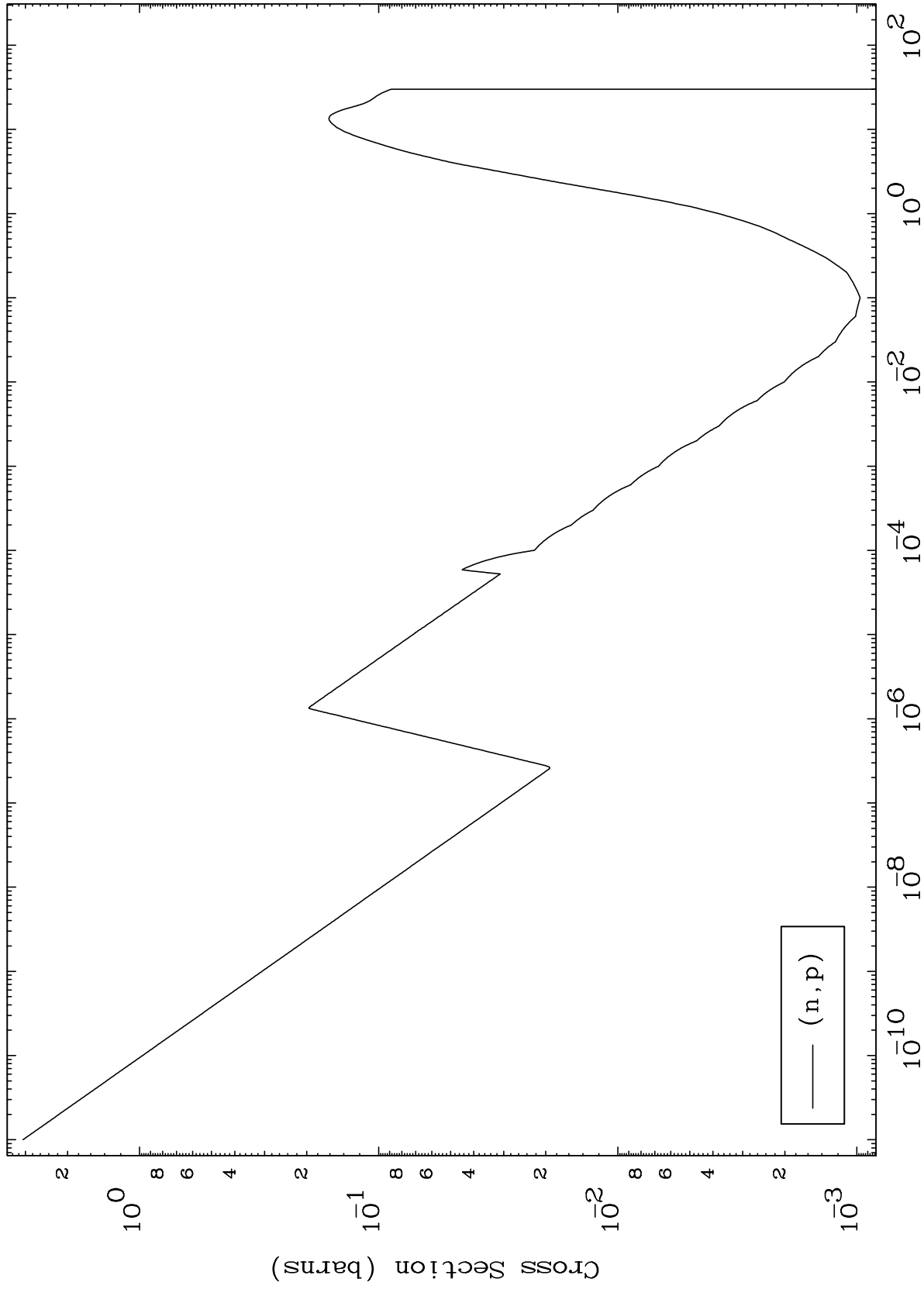
Incident Energy (MeV)

84-Po-196

MAT 8395

(n,p) Levels
293 Kelvin Cross Sections

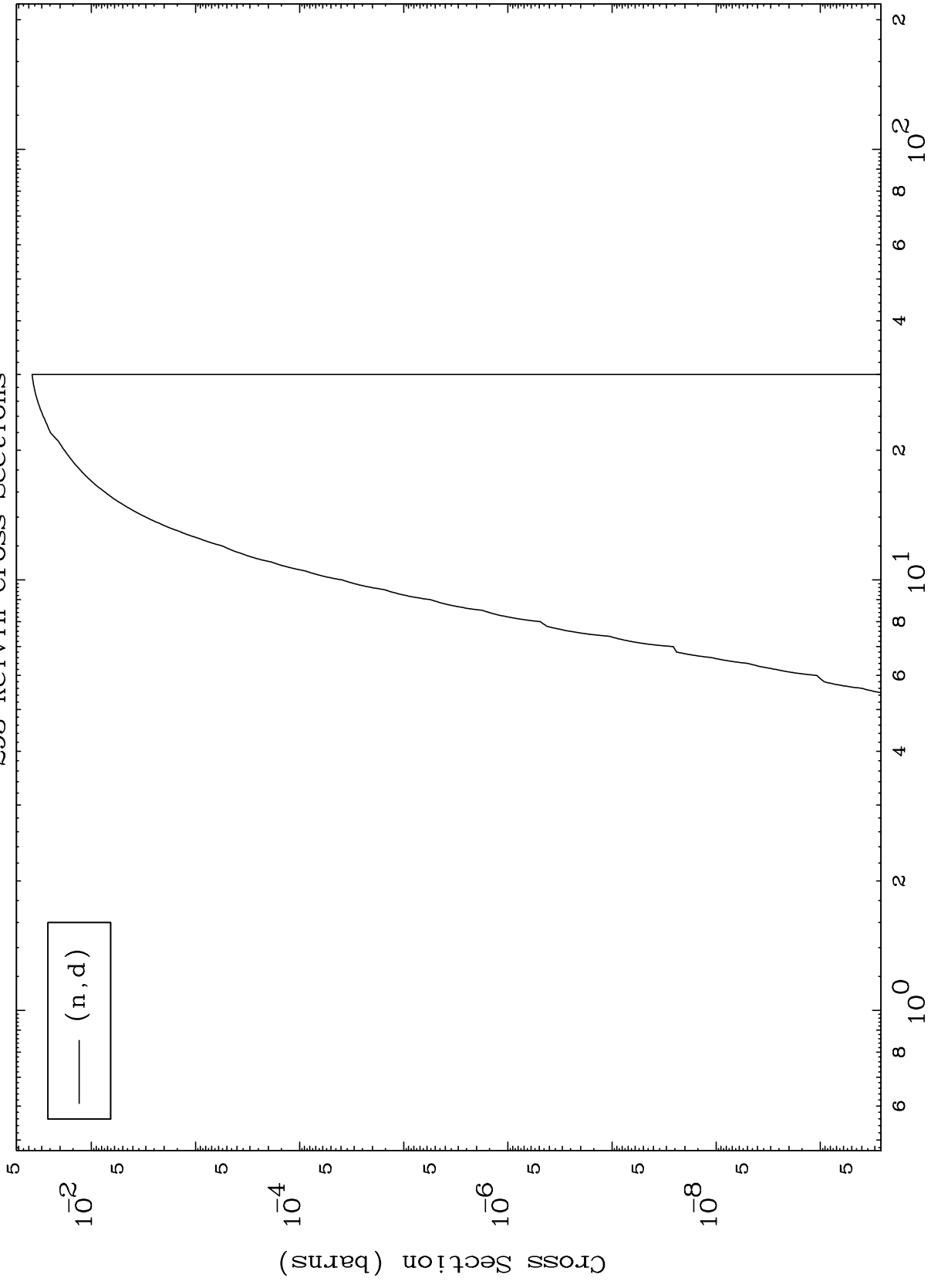
84-Po-196



MAT 8395

(n,d) Levels
293 Kelvin Cross Sections

84-Po-196



10

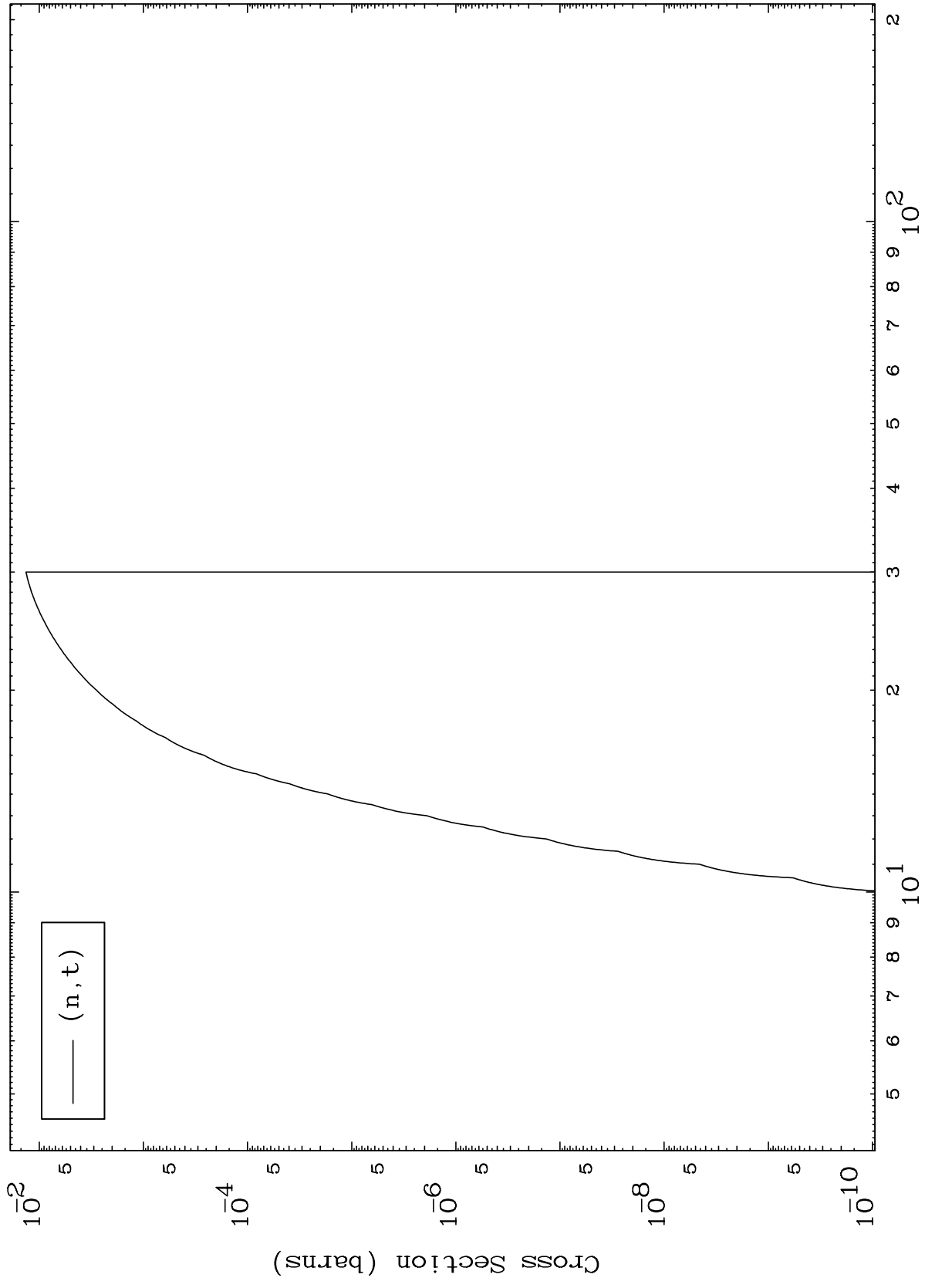
Incident Energy (MeV)

84-Po-196

MAT 8395

(n,t) Levels
293 Kelvin Cross Sections

84-Po-196



11

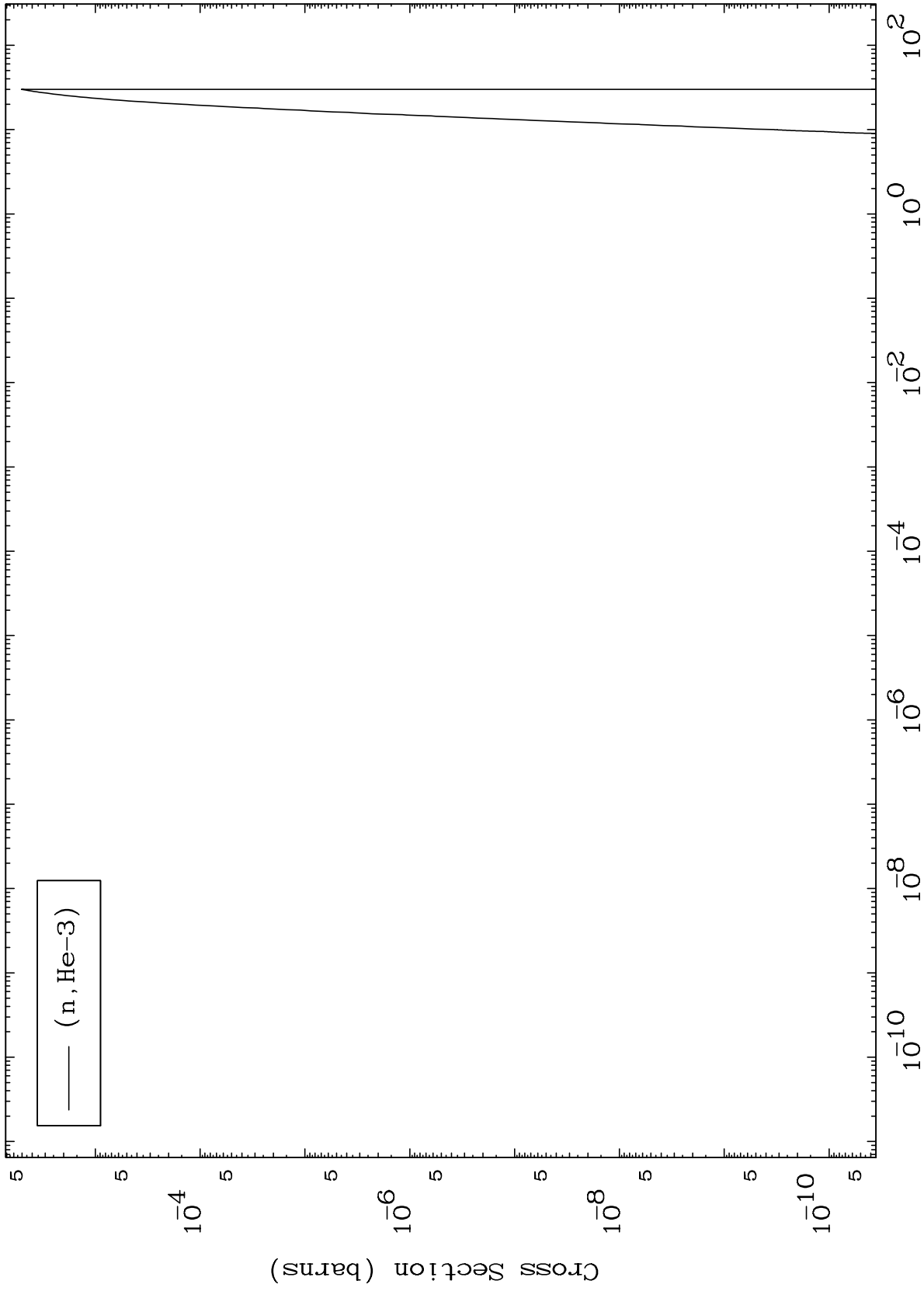
Incident Energy (MeV)

84-Po-196

MAT 8395

(n,He3) Levels
293 Kelvin Cross Sections

84-Po-196



12

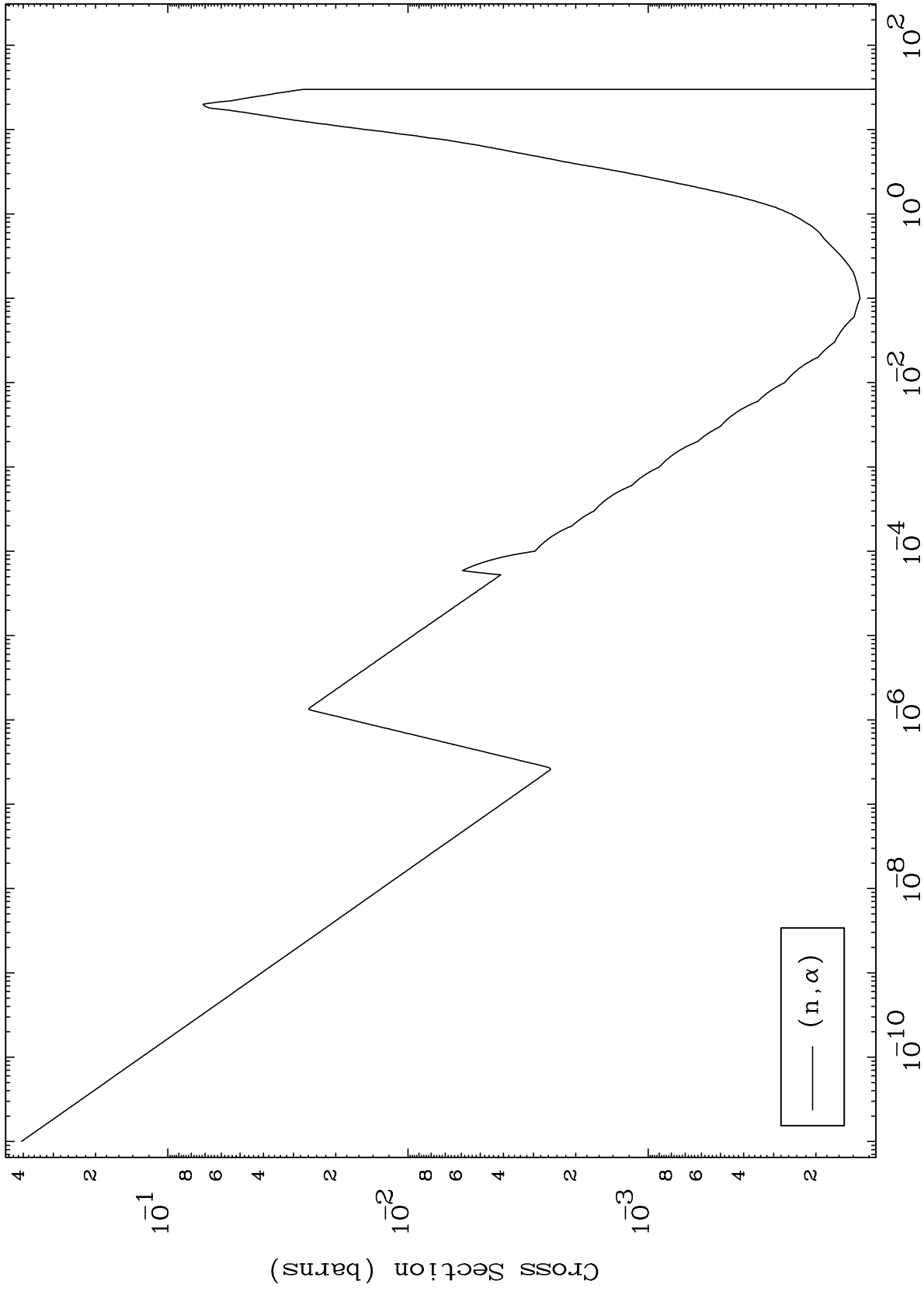
Incident Energy (MeV)

84-Po-196

MAT 8395

(n,α) Levels
293 Kelvin Cross Sections

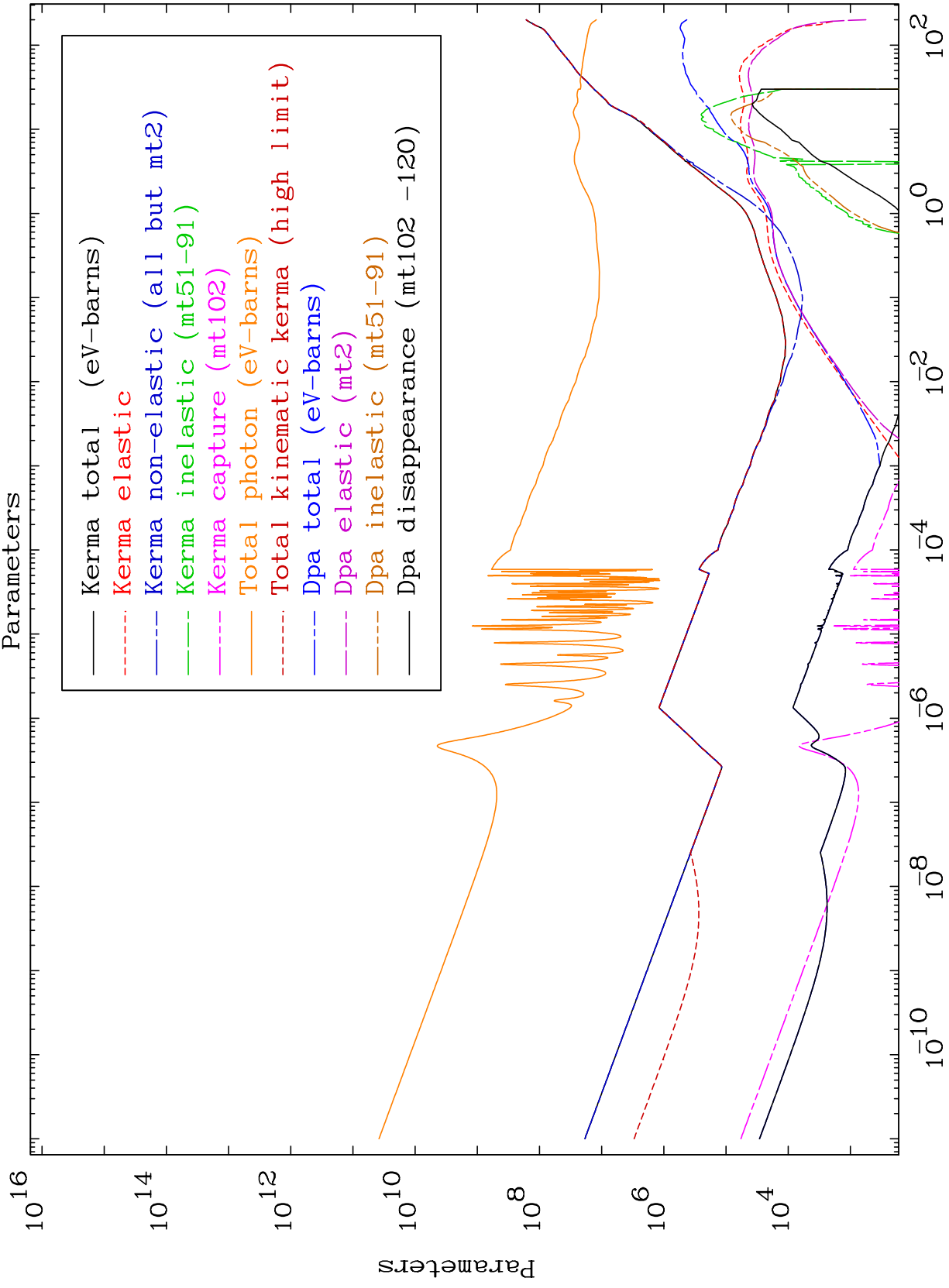
84-Po-196



13

Incident Energy (MeV)

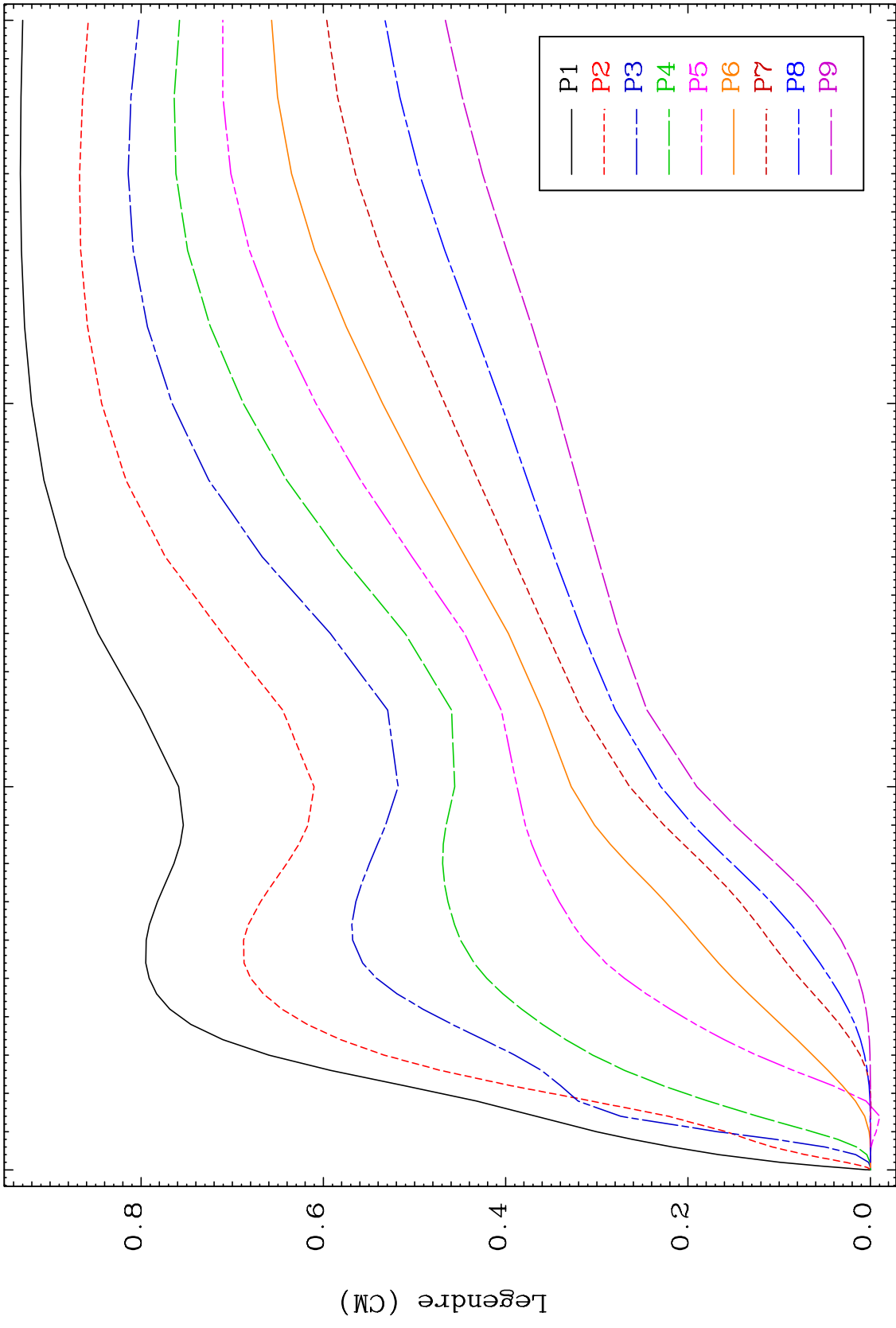
84-Po-196



MAT 8395

Elastic Legendre Coefficients

84-Po-196



15

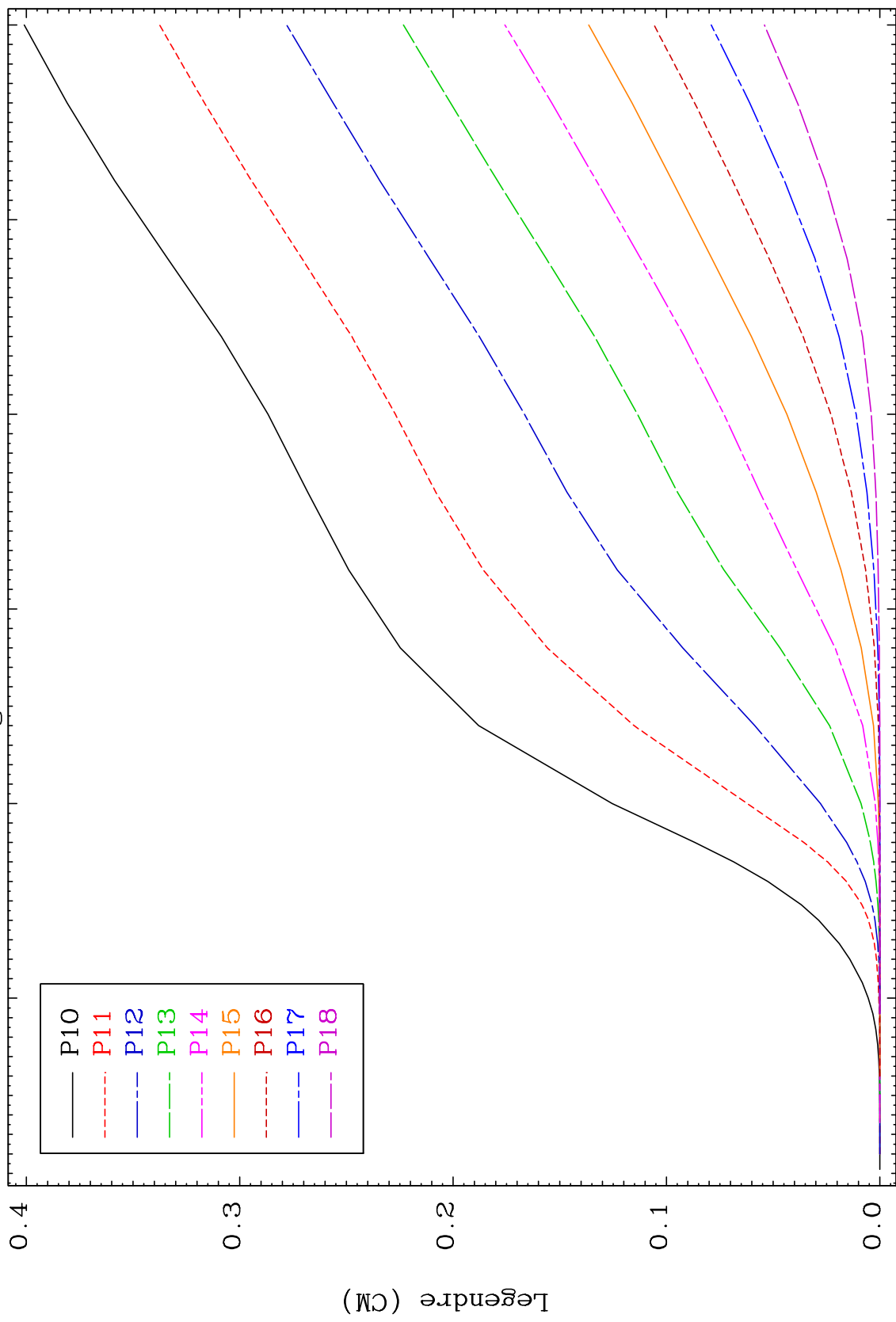
Incident Energy (MeV)

84-Po-196

MAT 8395

Elastic Legendre Coefficients

84-Po-196



16

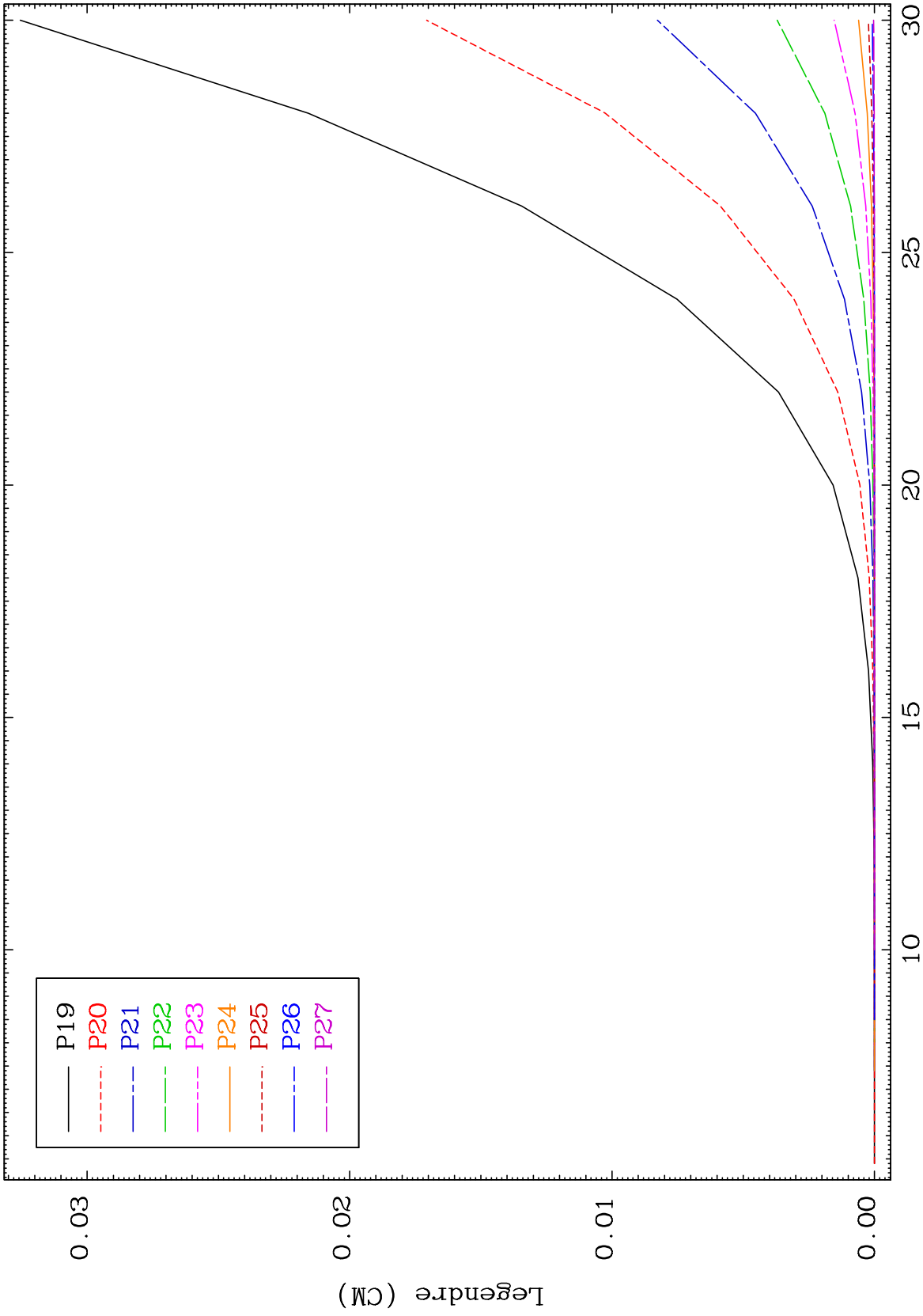
Incident Energy (MeV)

84-Po-196

MAT 8395

Elastic Legendre Coefficients

84-Po-196



17

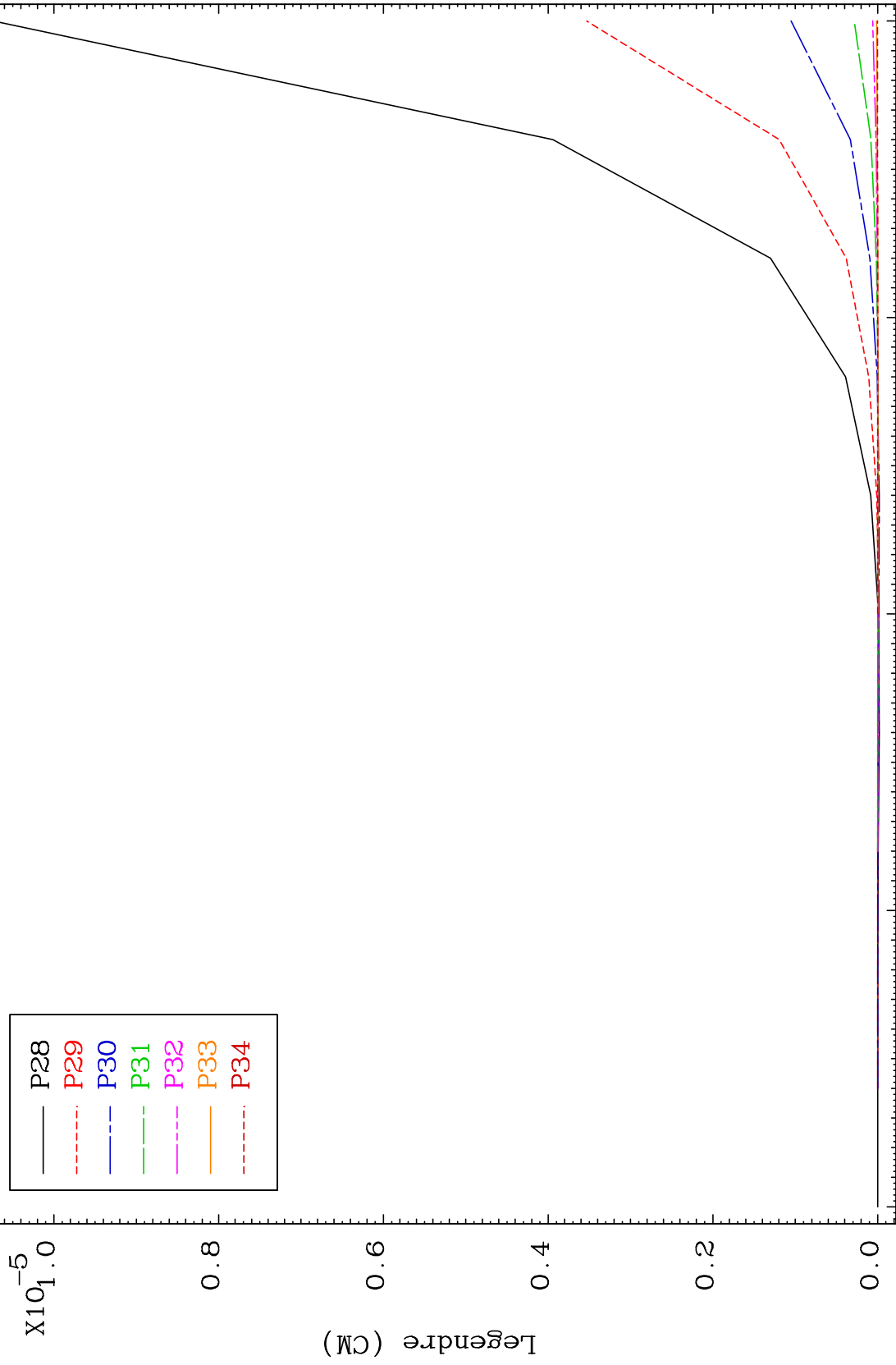
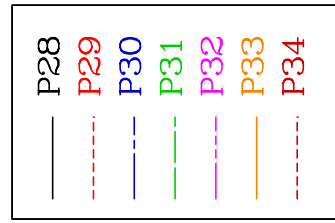
Incident Energy (MeV)

84-Po-196

MAT 8395

Elastic Legendre Coefficients

84-Po-196



18

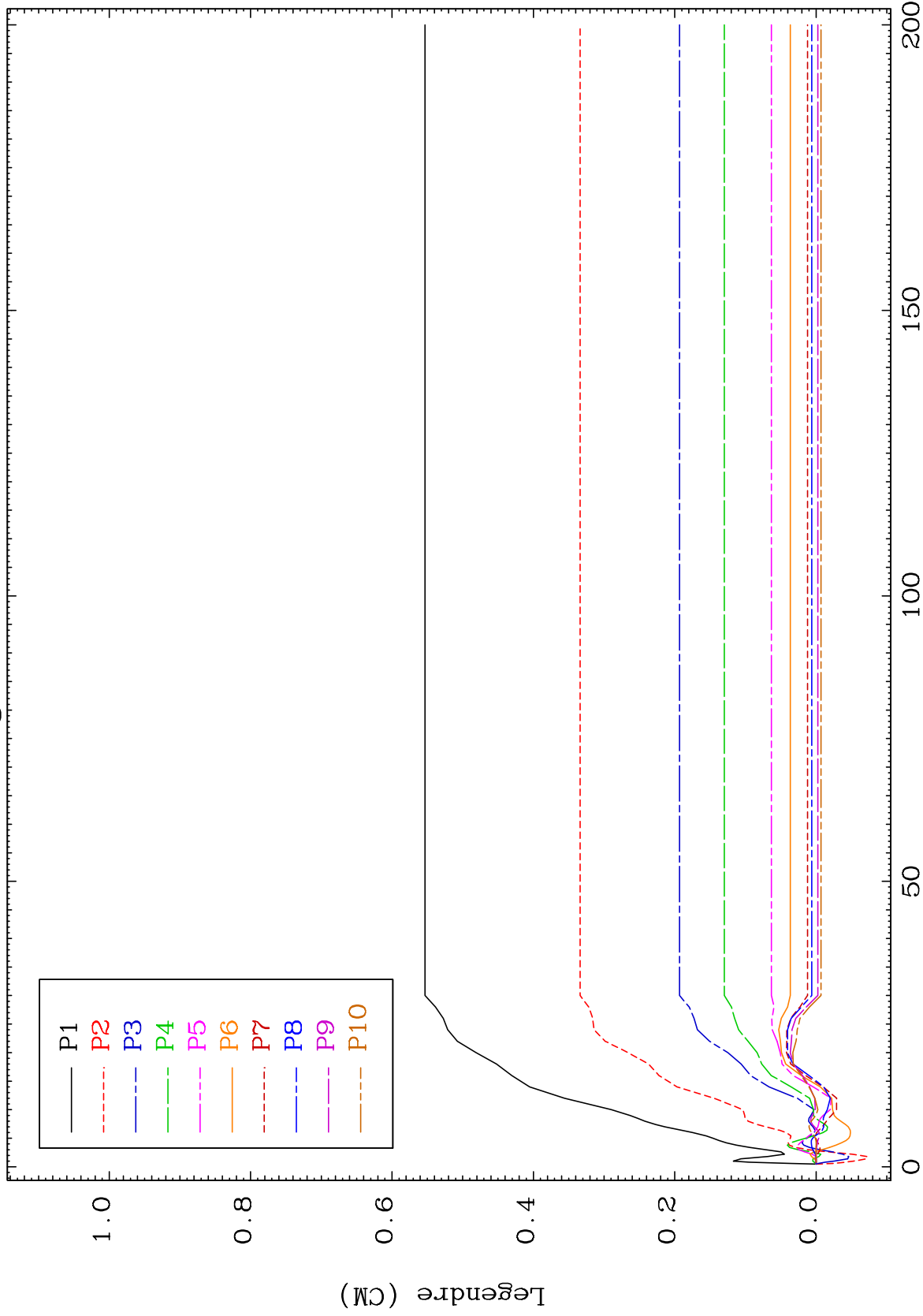
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



19

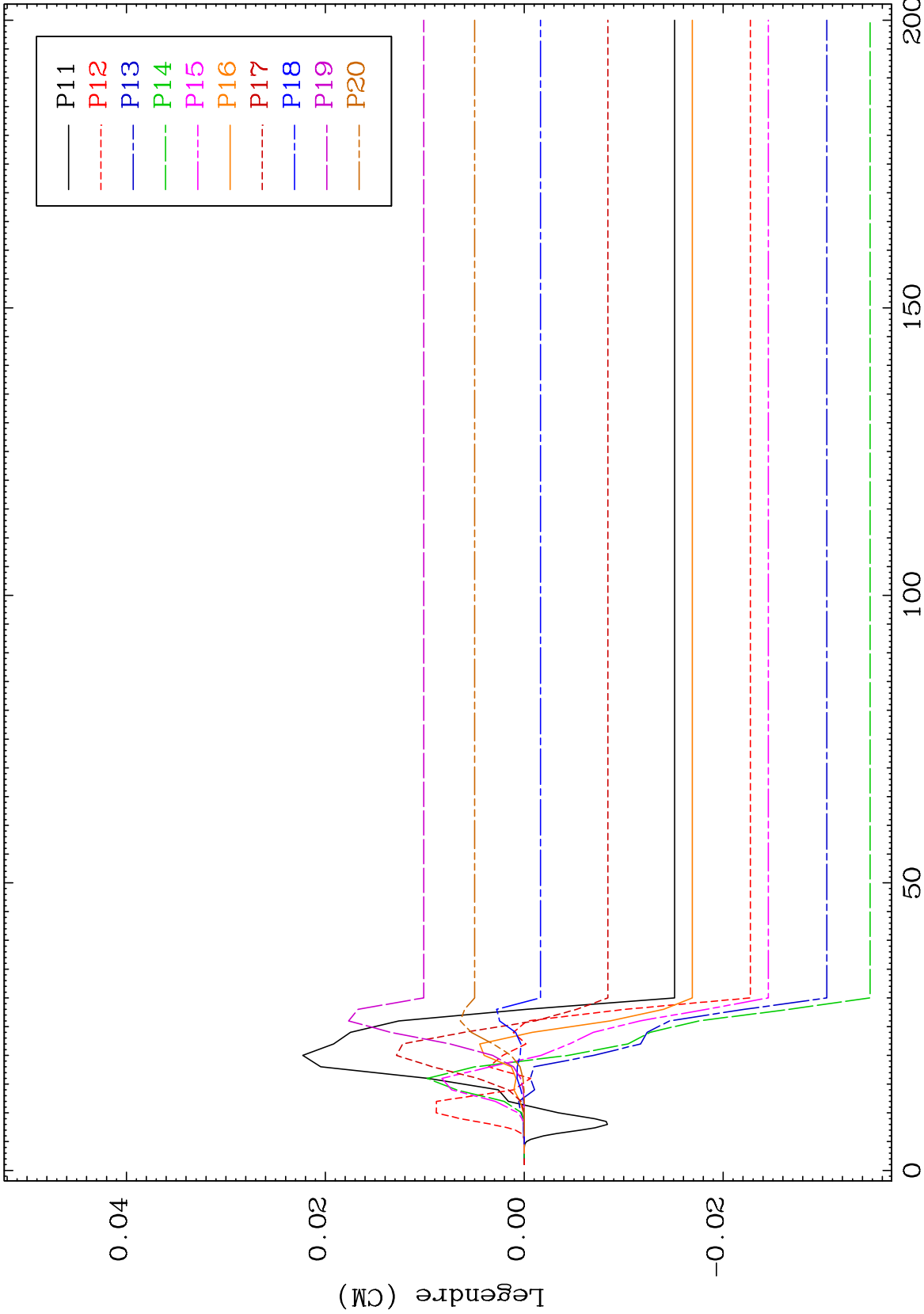
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



20

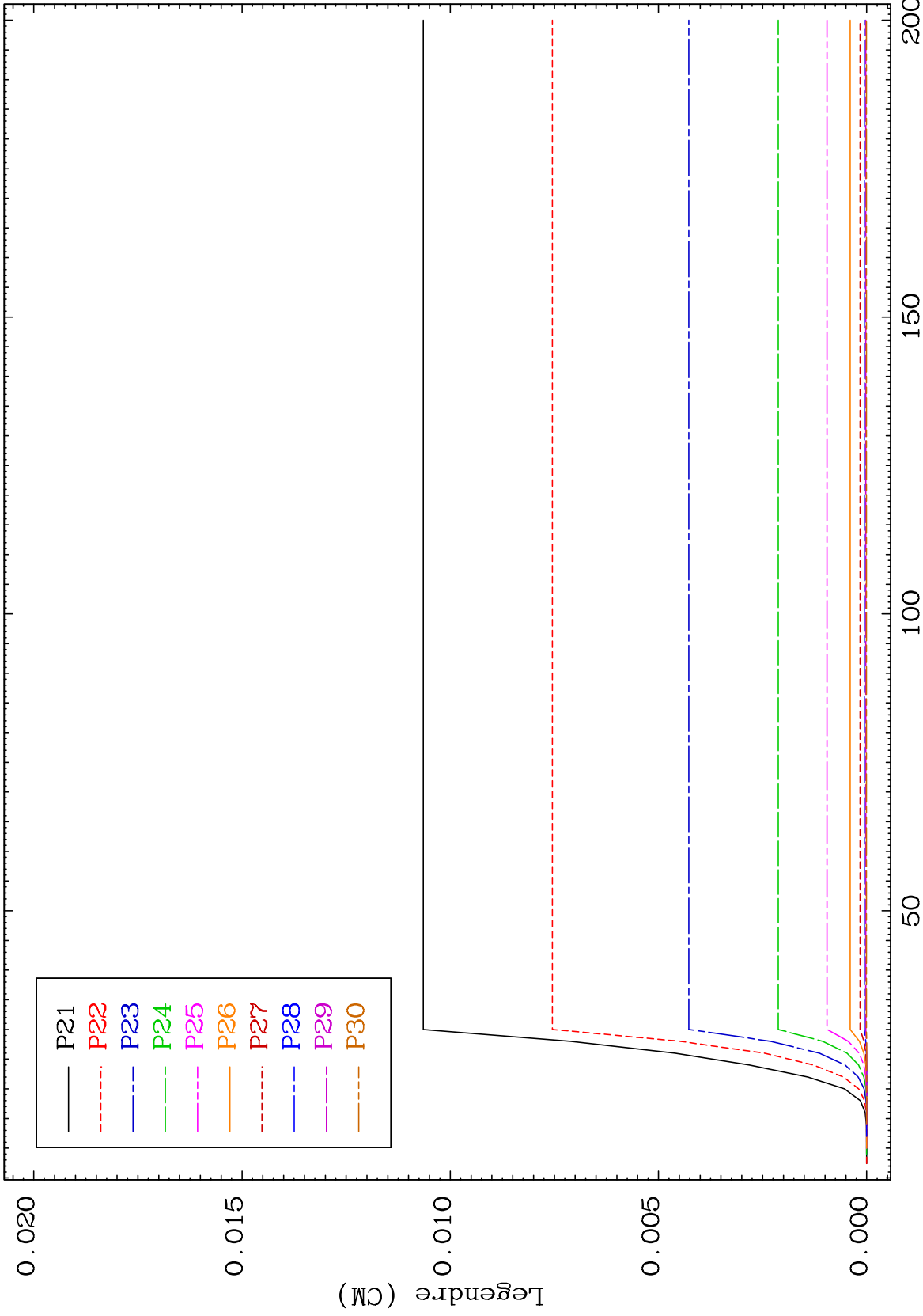
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



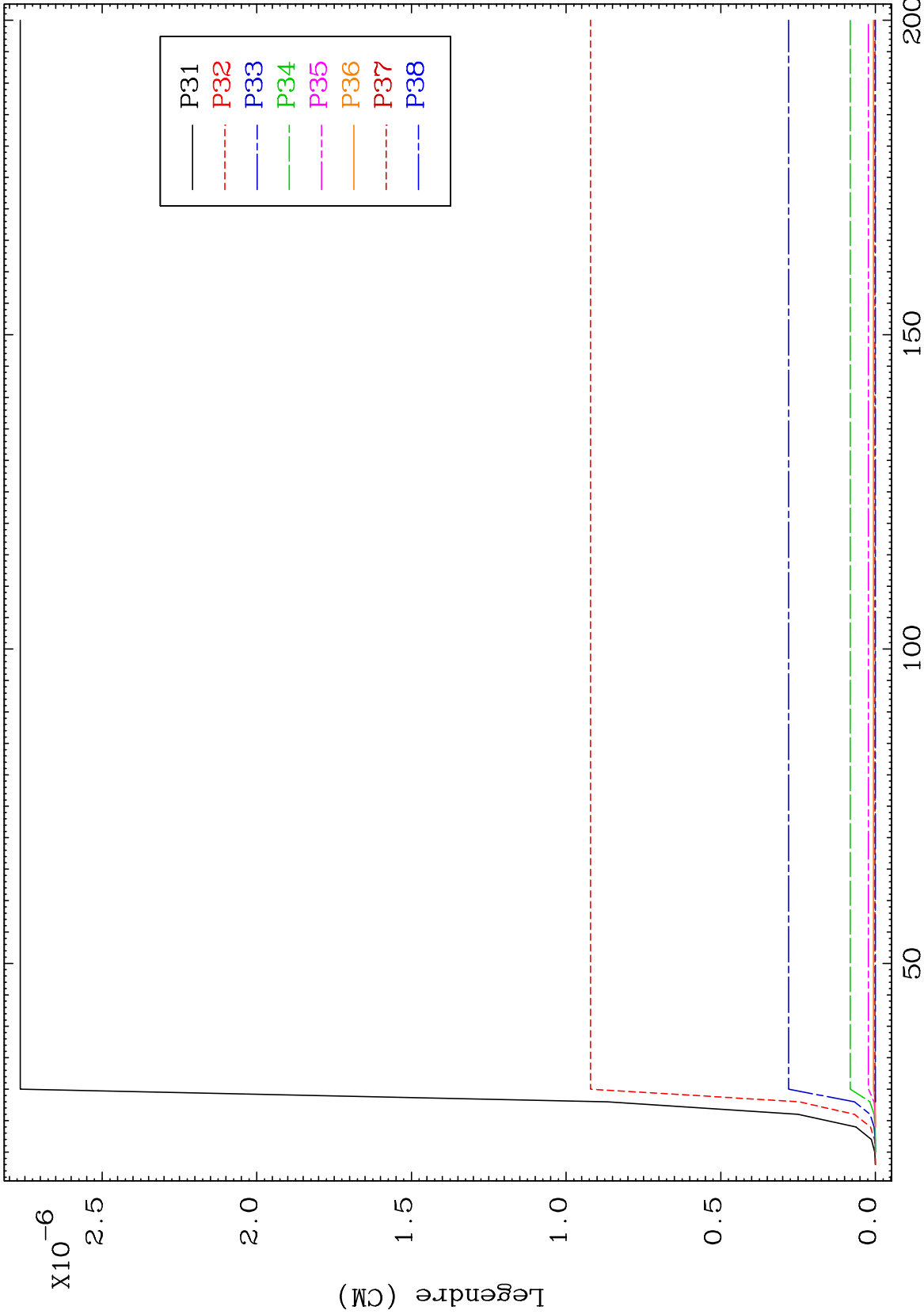
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84-Po-196

MAT 8395

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

84-Po-196



22

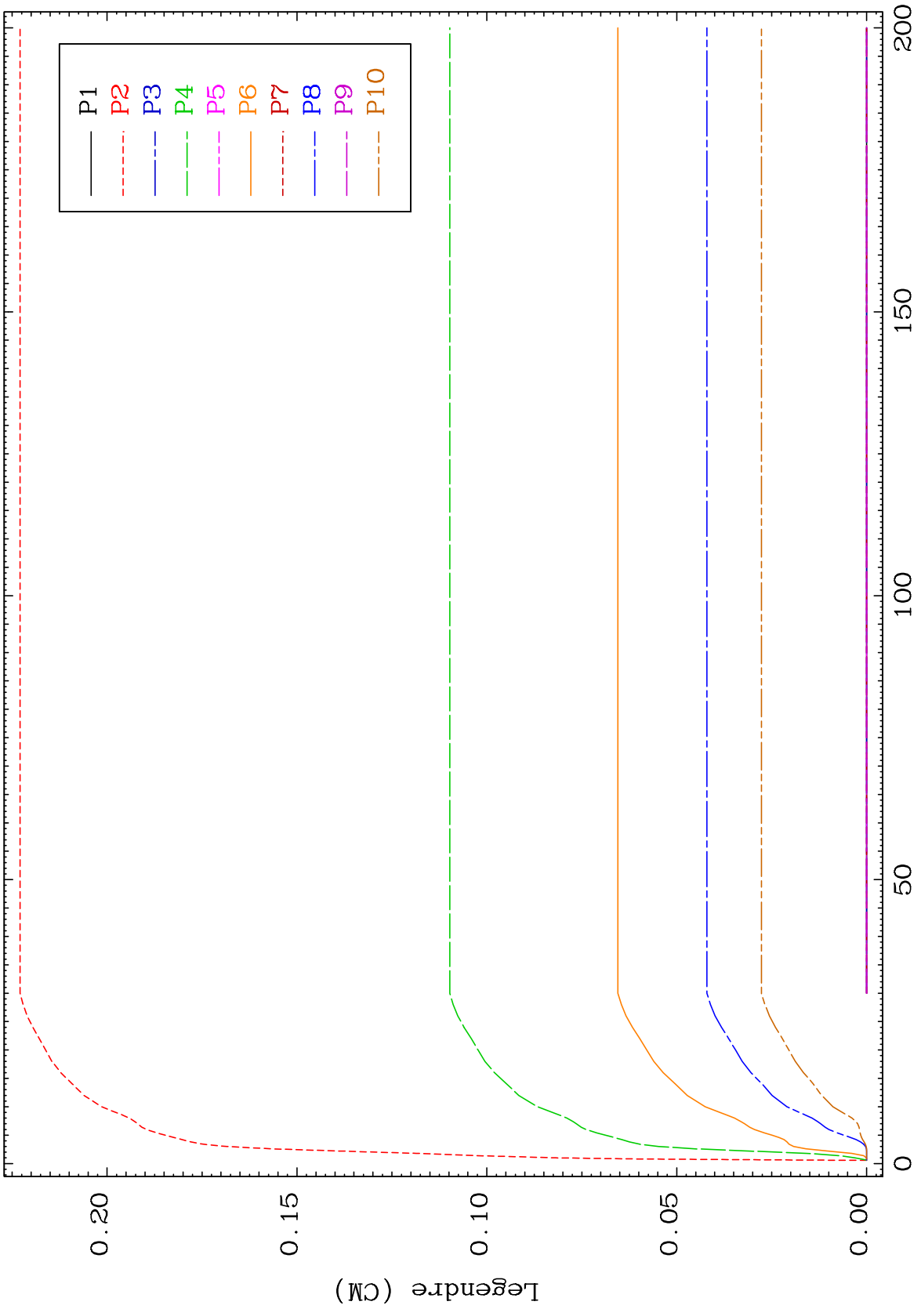
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



23

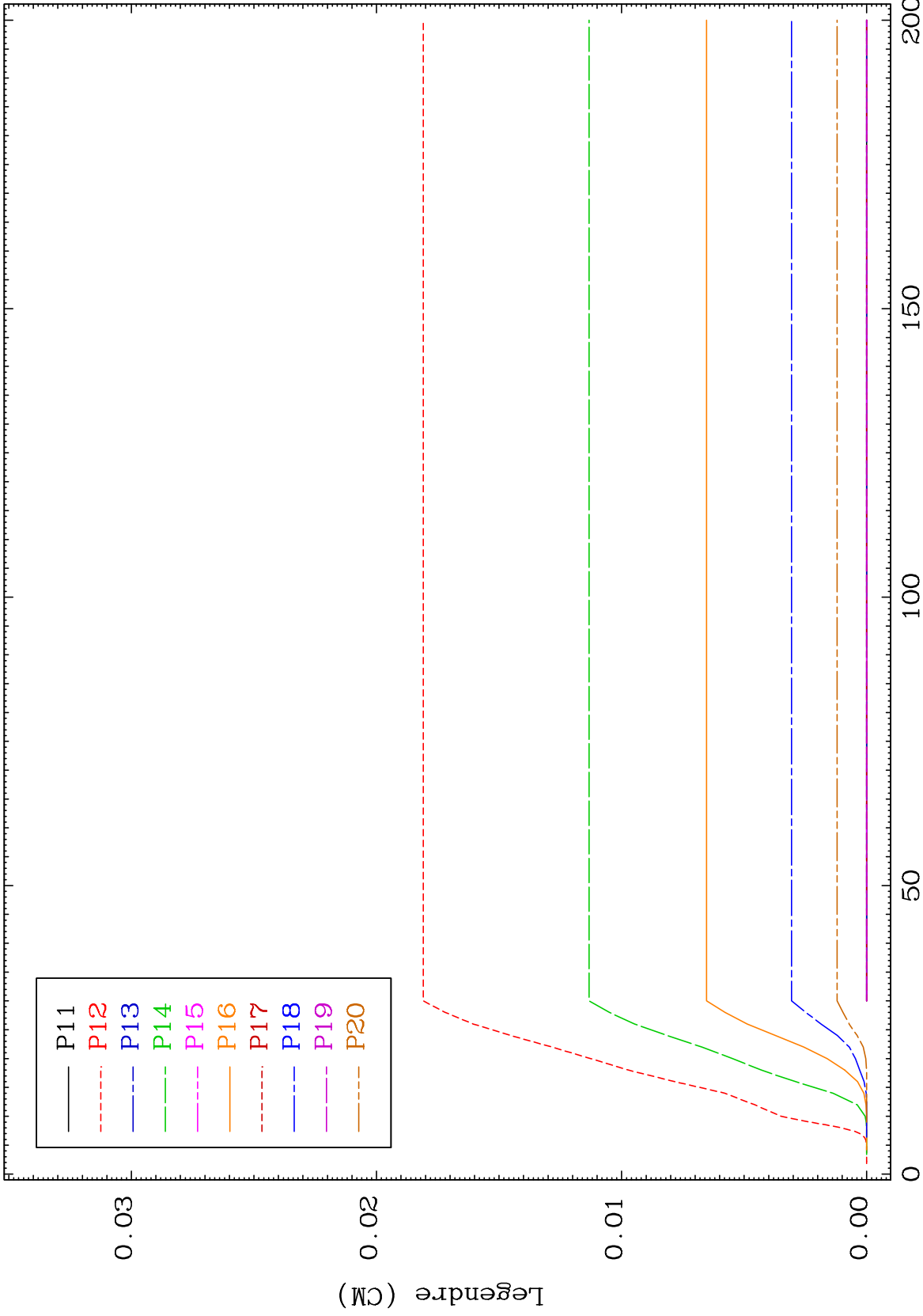
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196

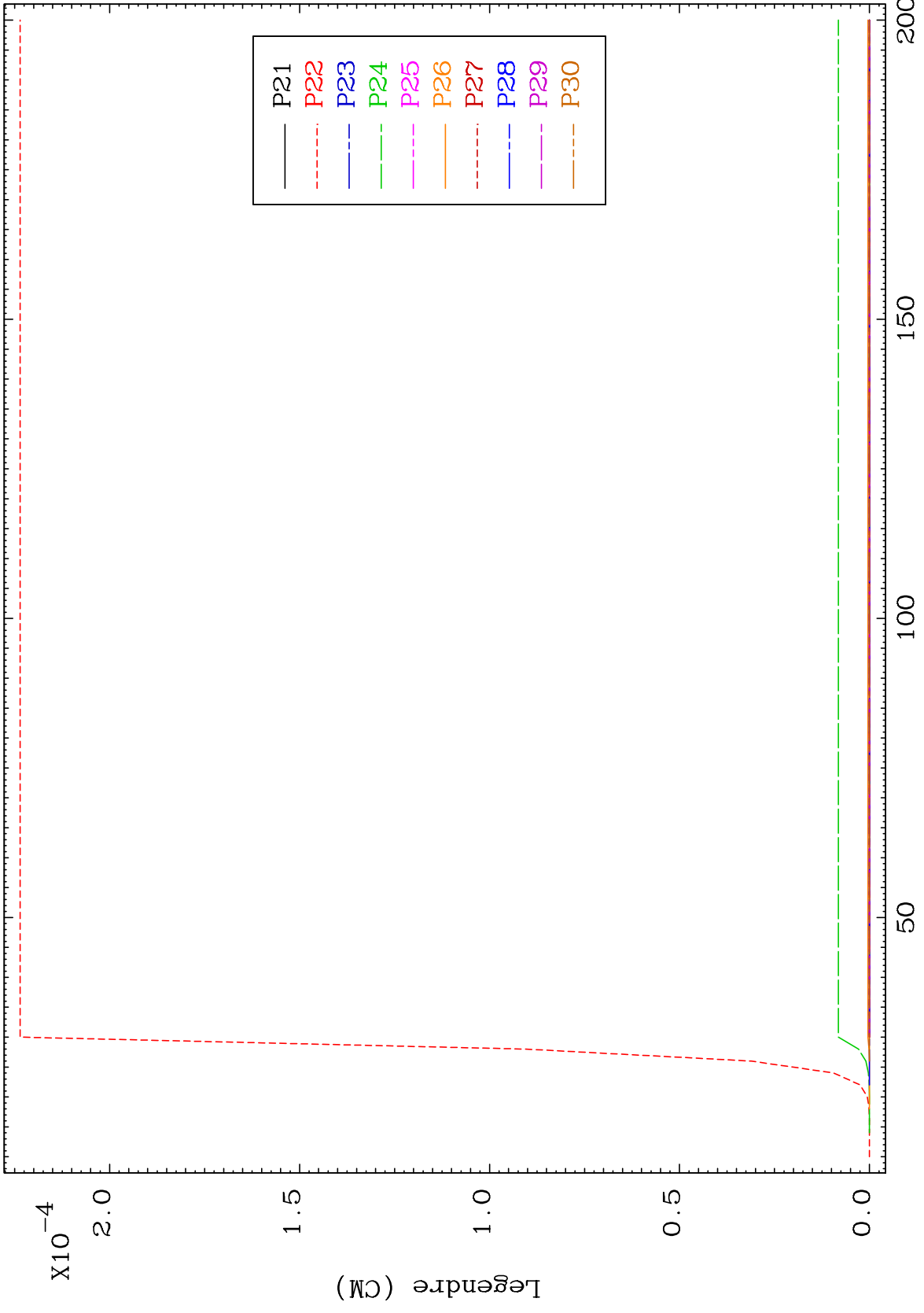


24

Incident Energy (MeV)

84-Po-196

MAT 8395 MT= 52 (n,n') Level Legendre Coefficients 84-Po-196

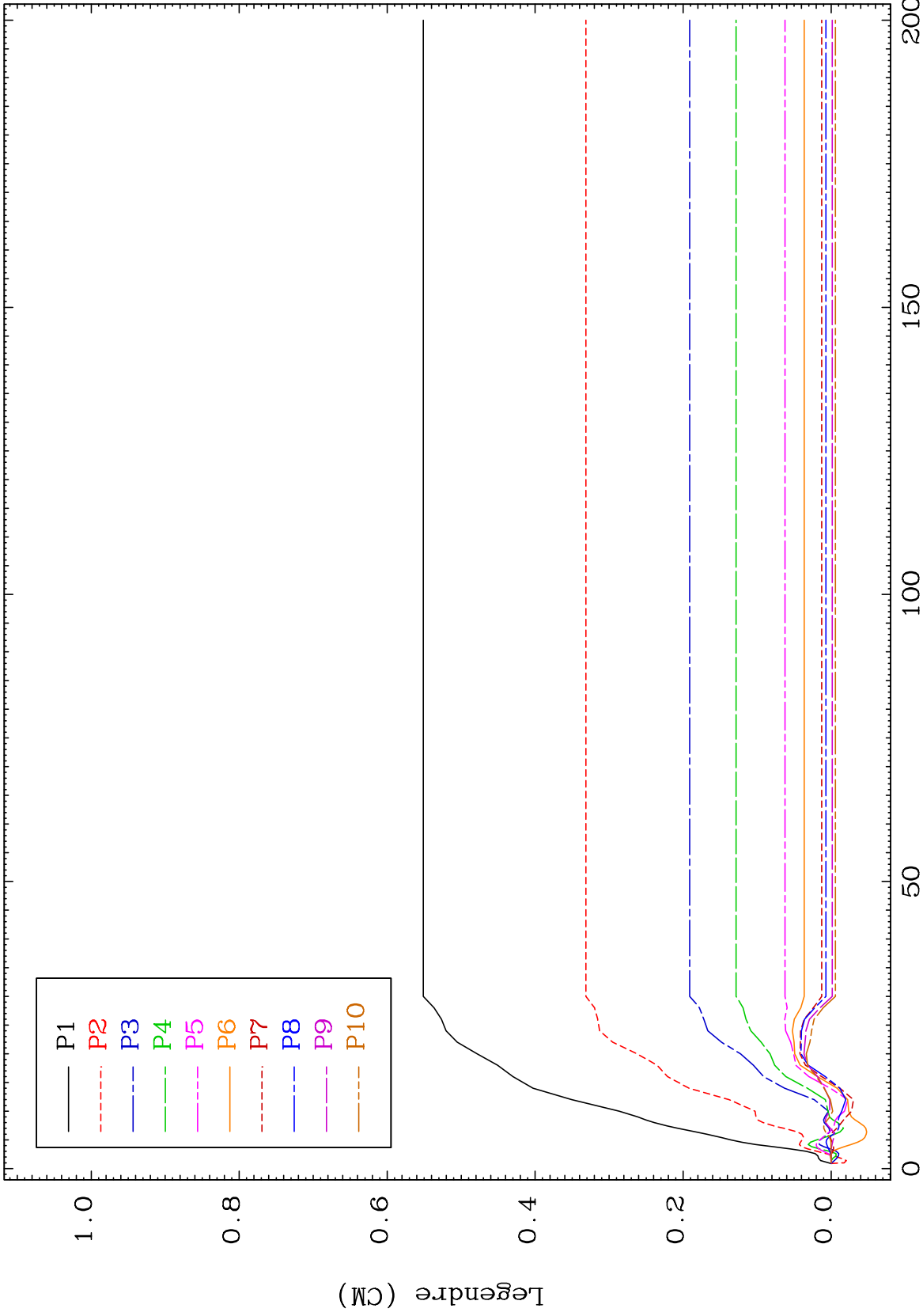


25 50 100 150 200 84-Po-196

MAT 8395

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

84-Po-196



26

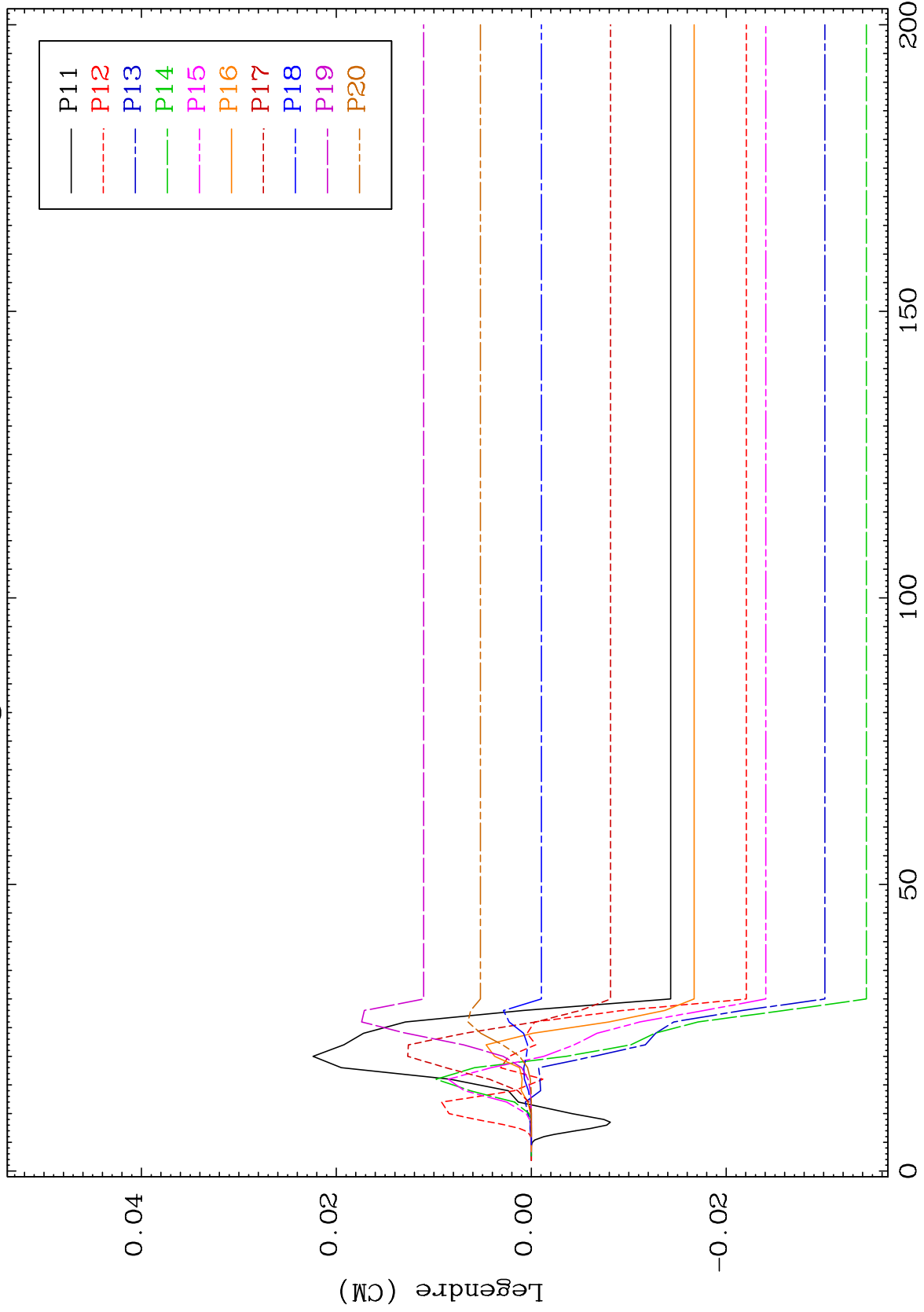
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



27

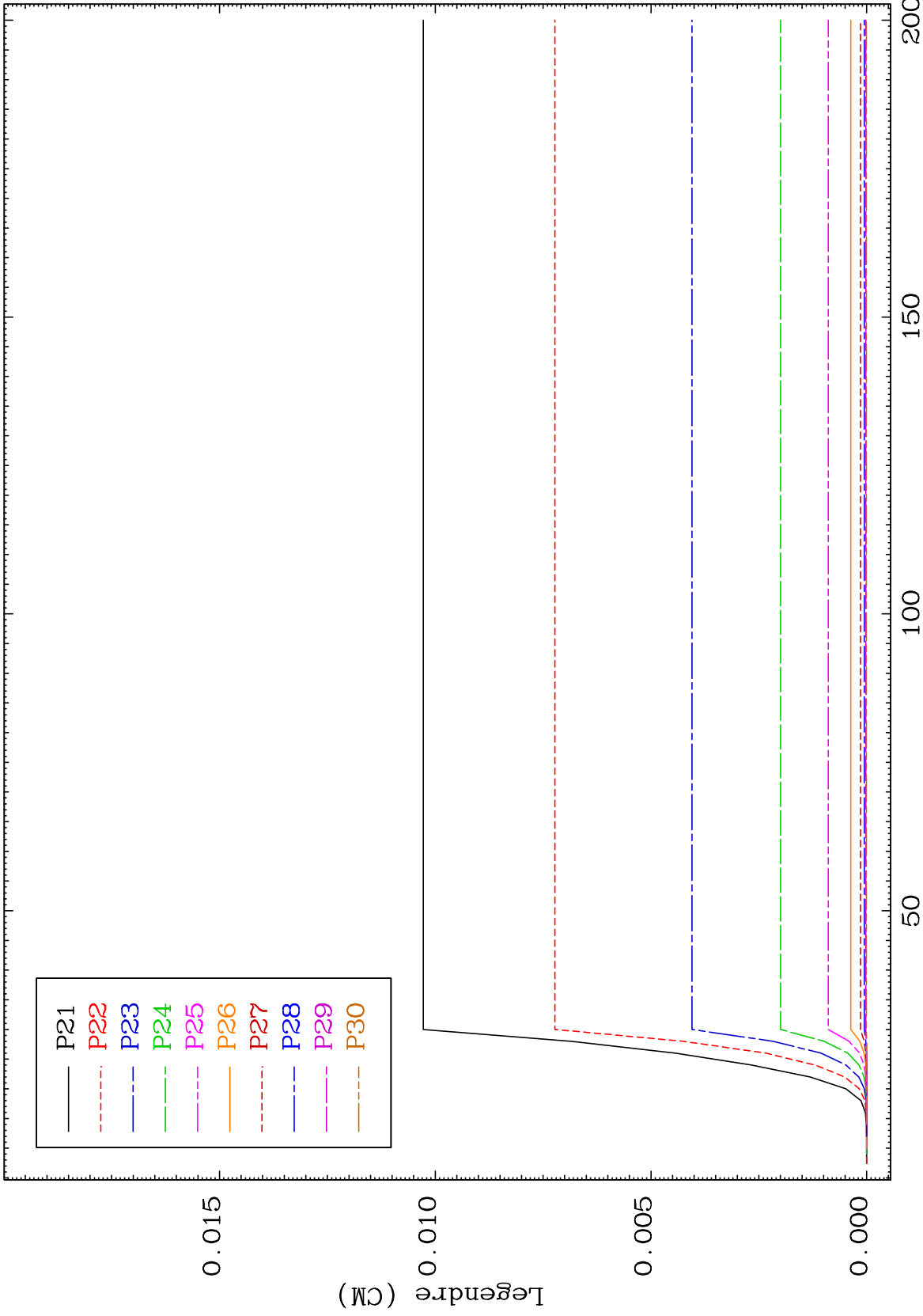
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



28

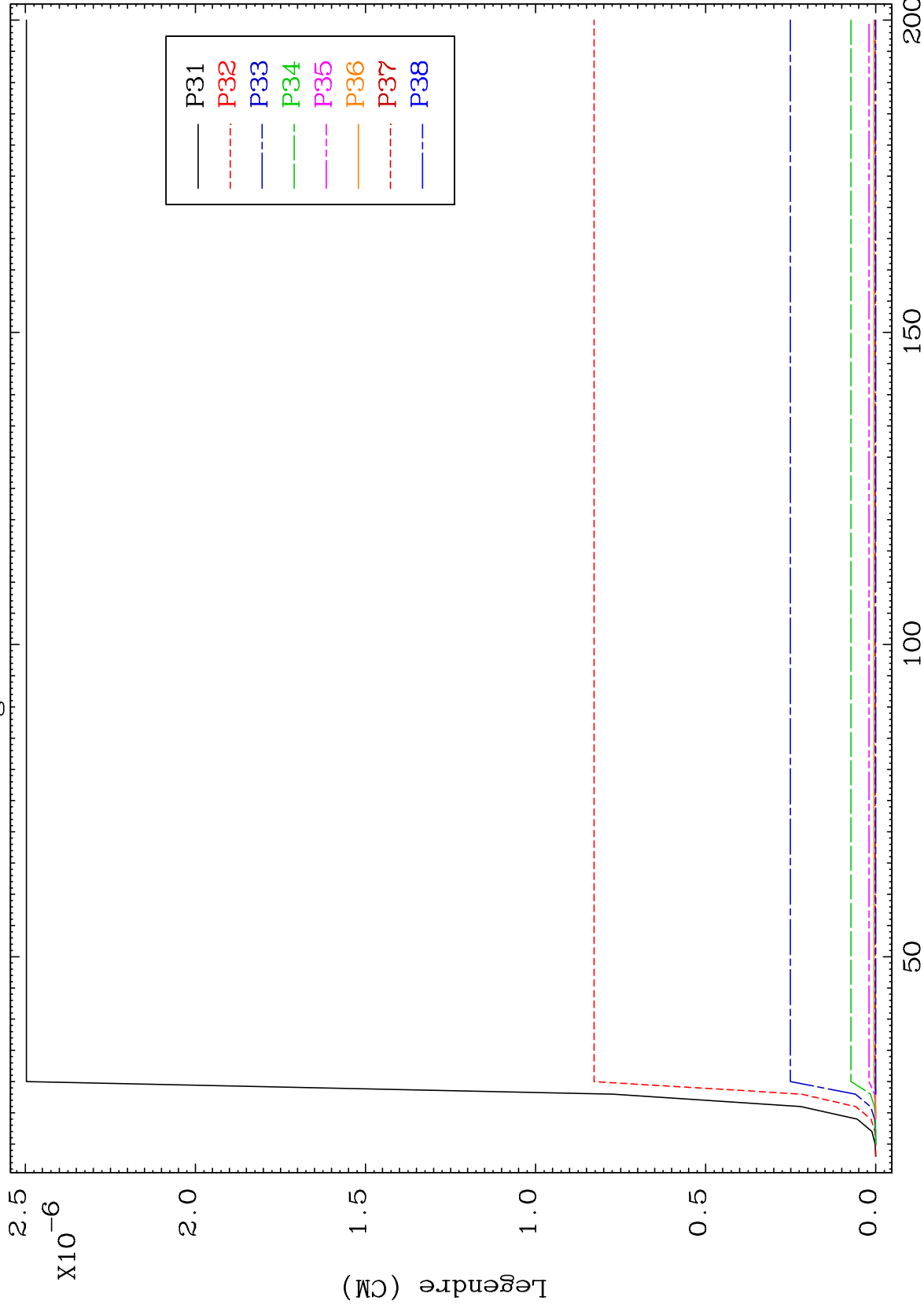
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



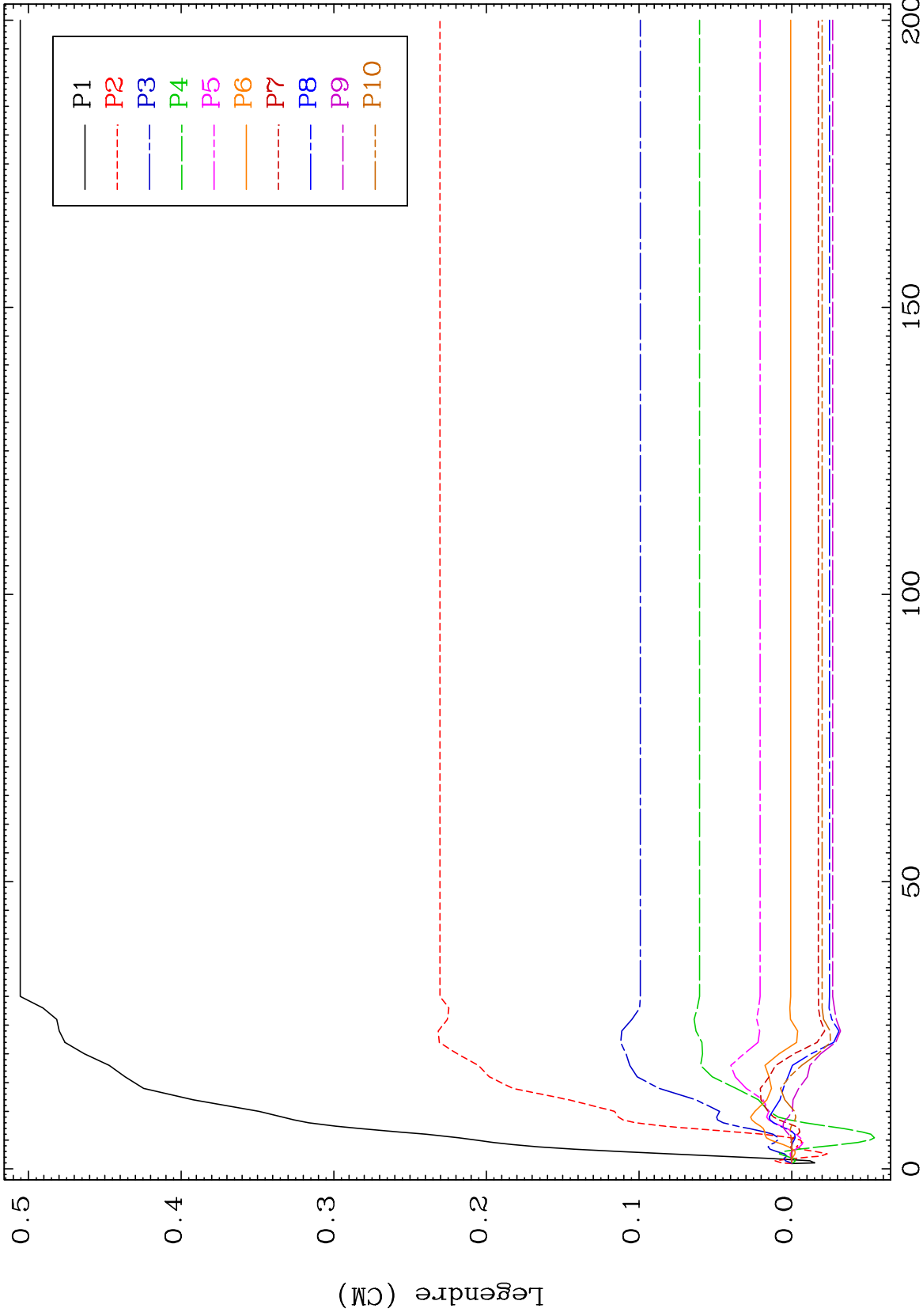
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84-Po-196

MAT 8395

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

84-Po-196



30

50

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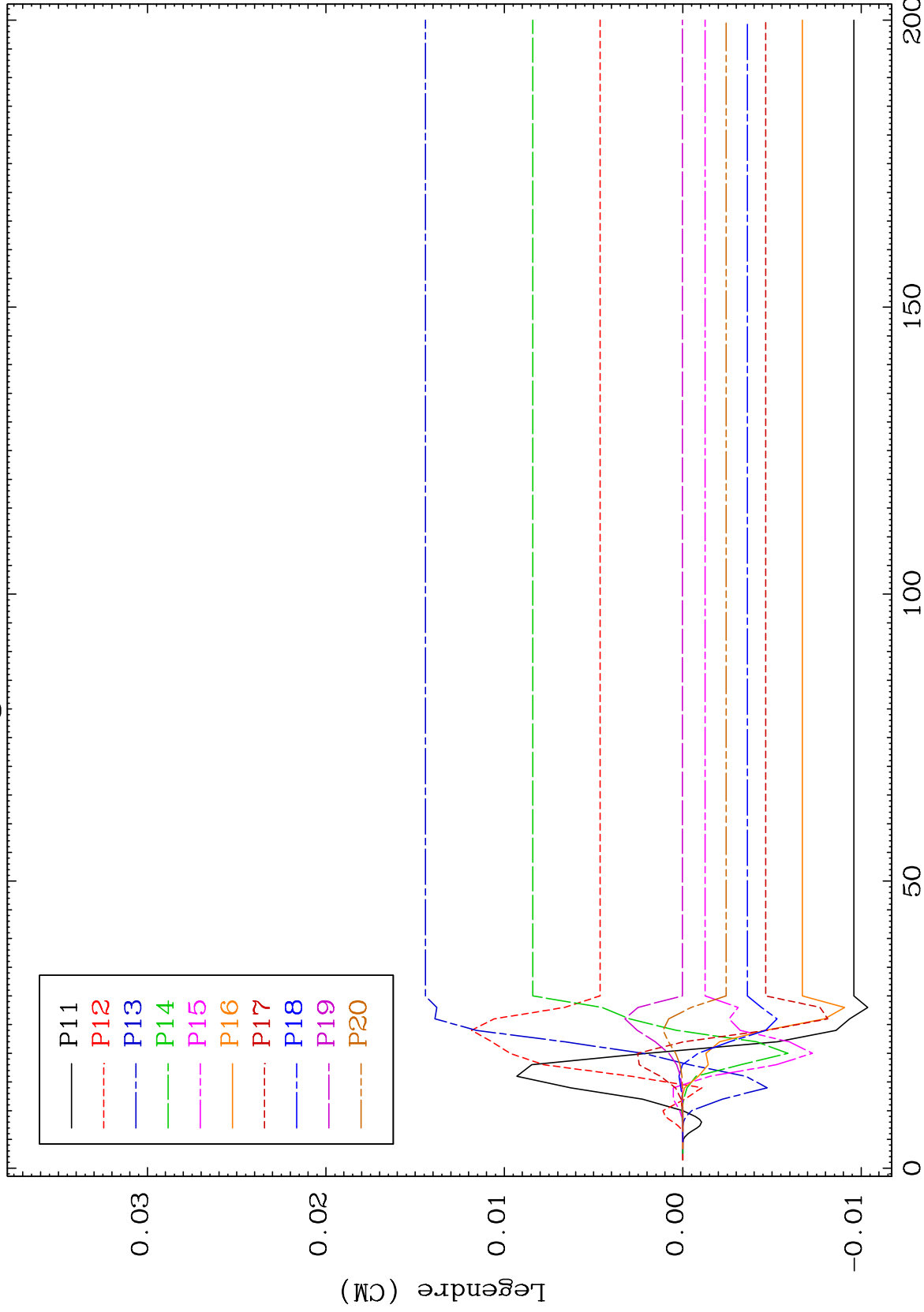
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MAT 8395

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

84-Po-196

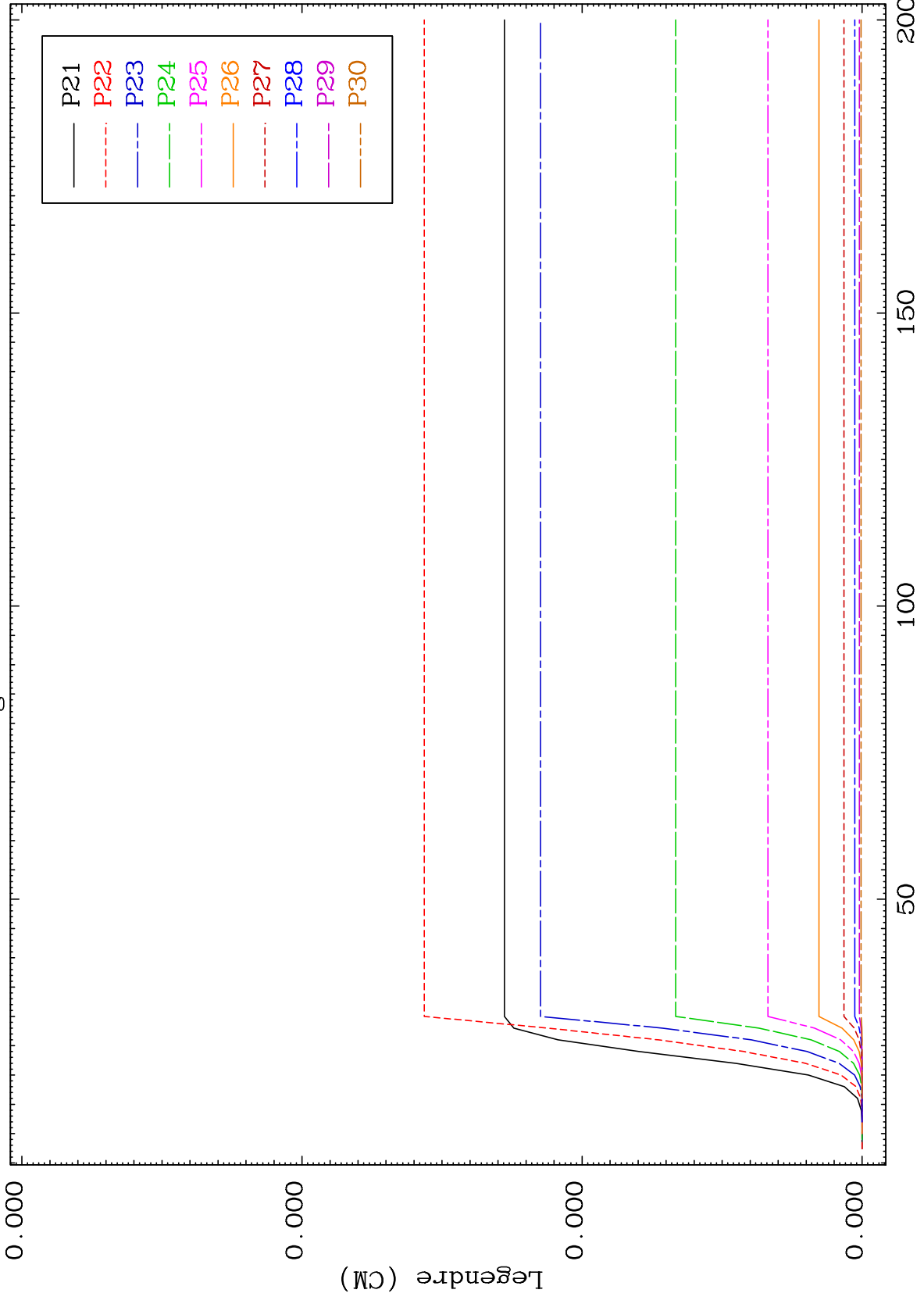


31

Incident Energy (MeV)

84-Po-196

MAT 8395 MT= 54 (n,n') Level Legendre Coefficients 84-Po-196

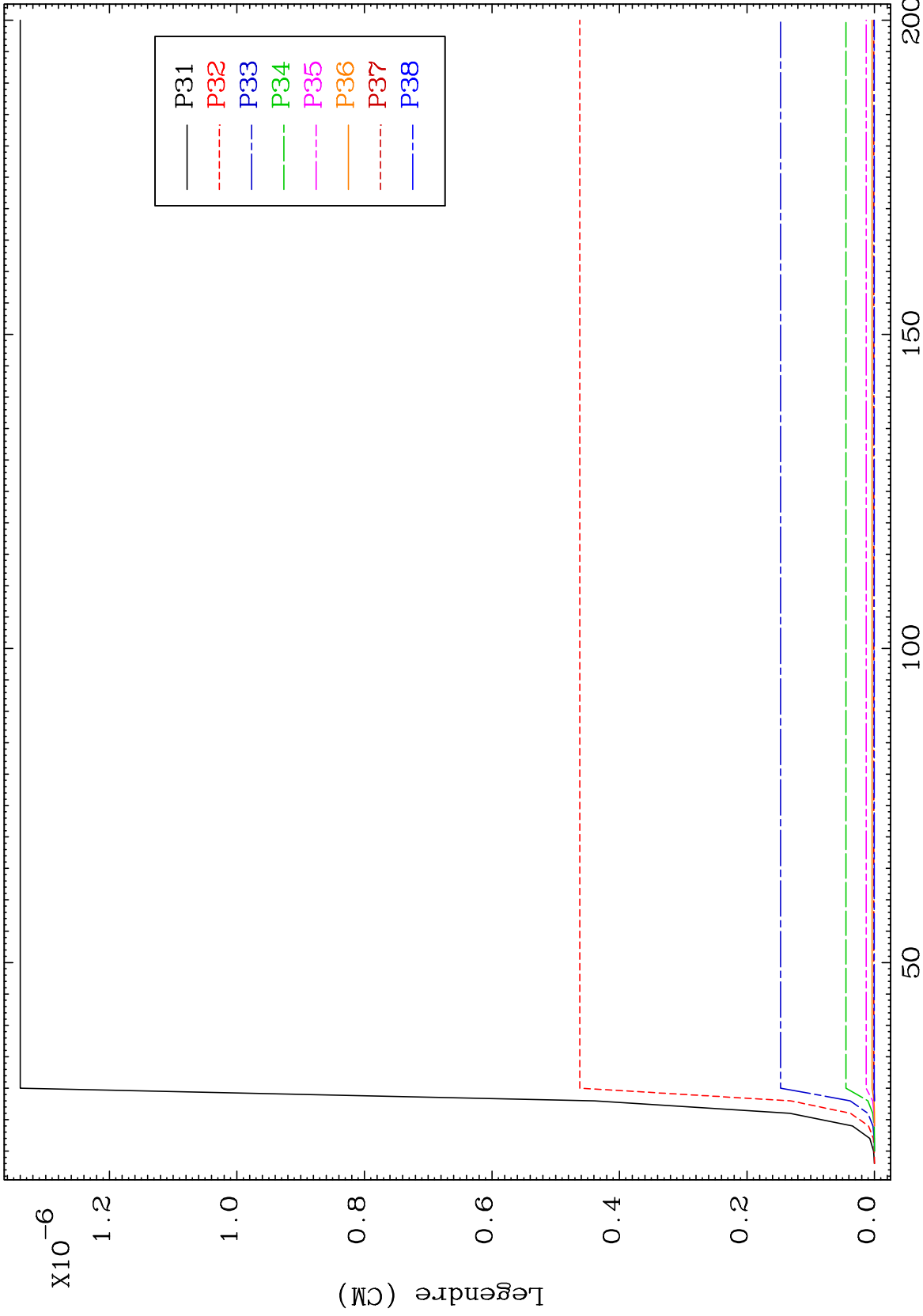


32 84-Po-196

MAT 8395

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

84-Po-196



33

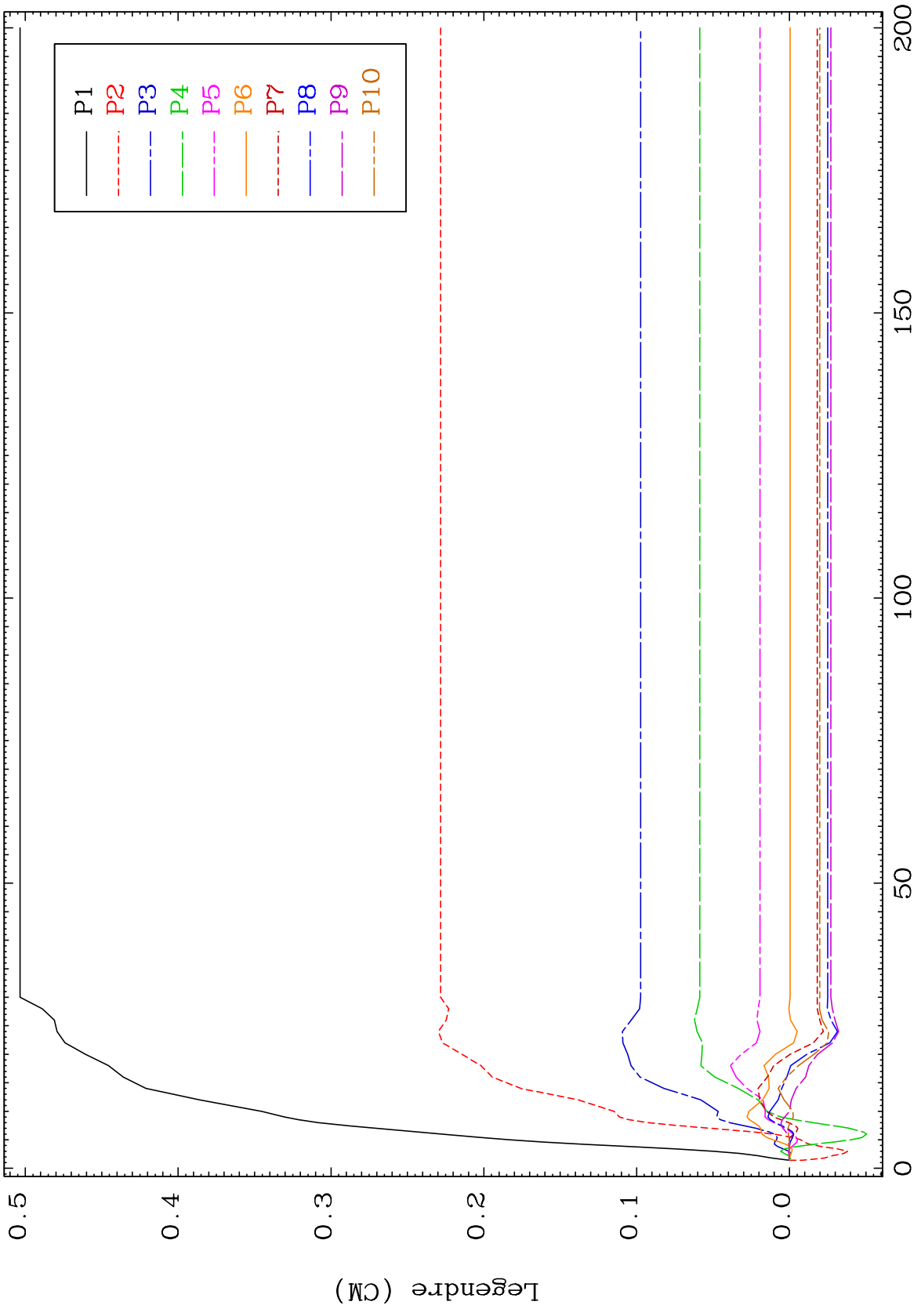
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



34

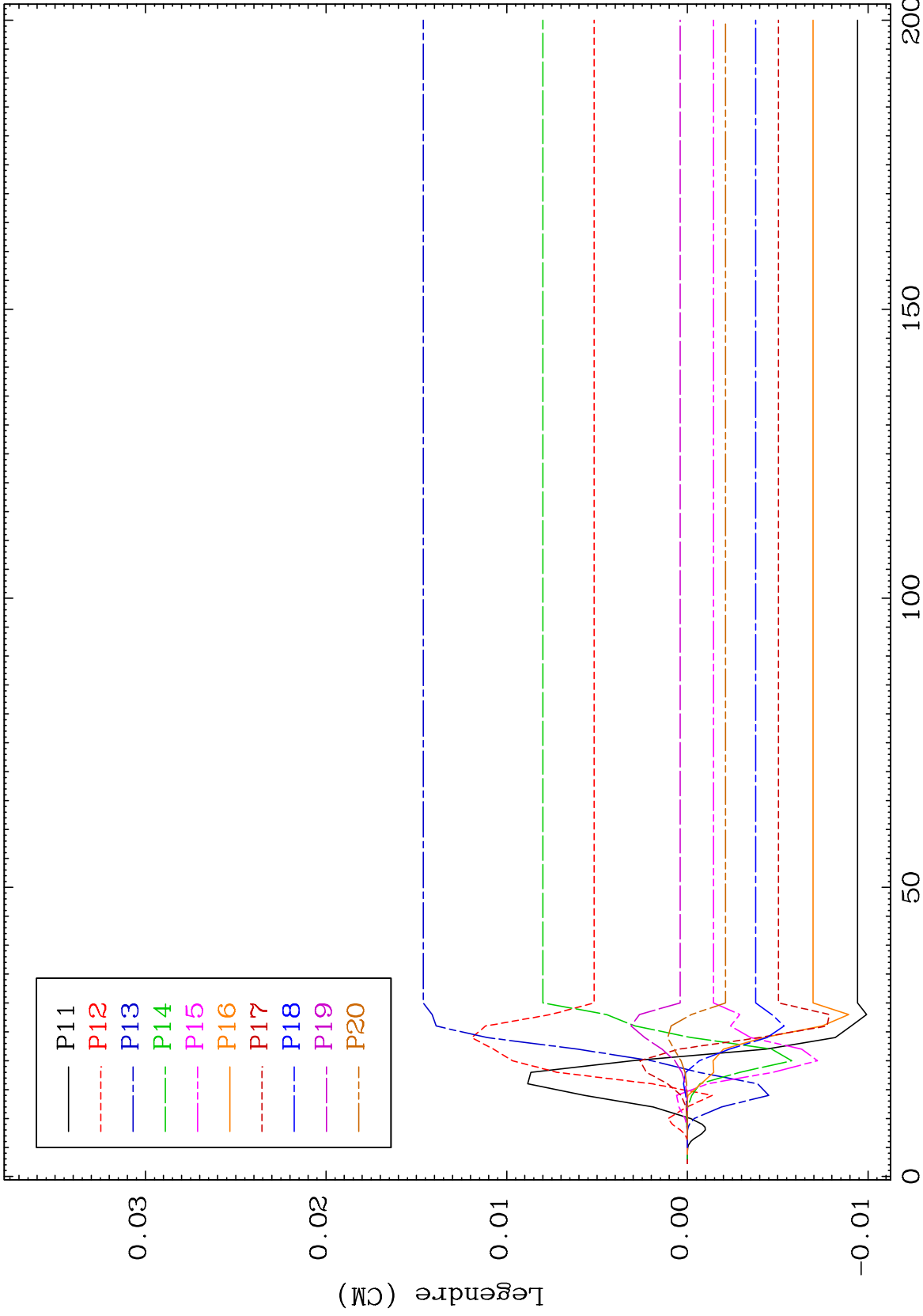
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



35

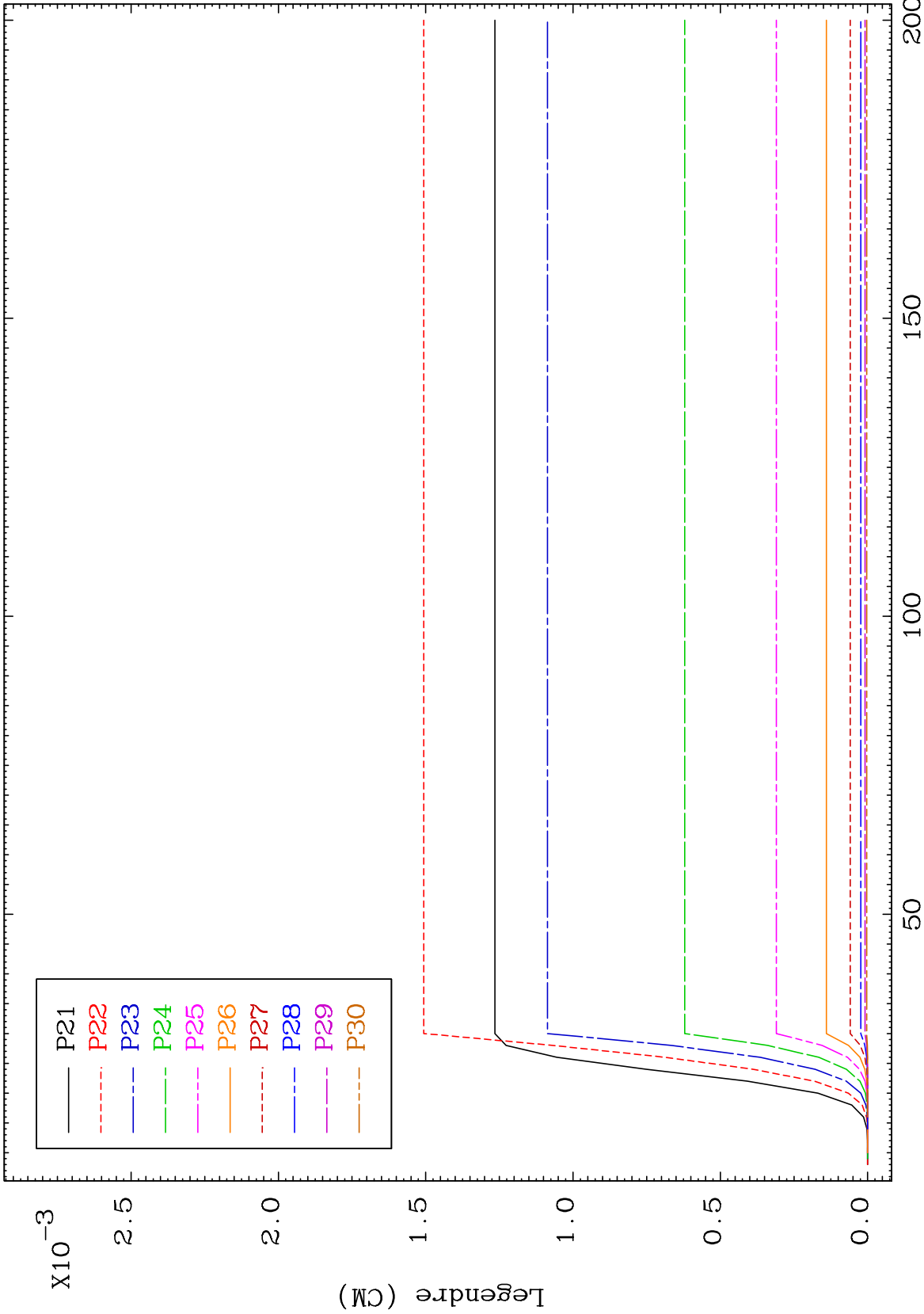
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



36

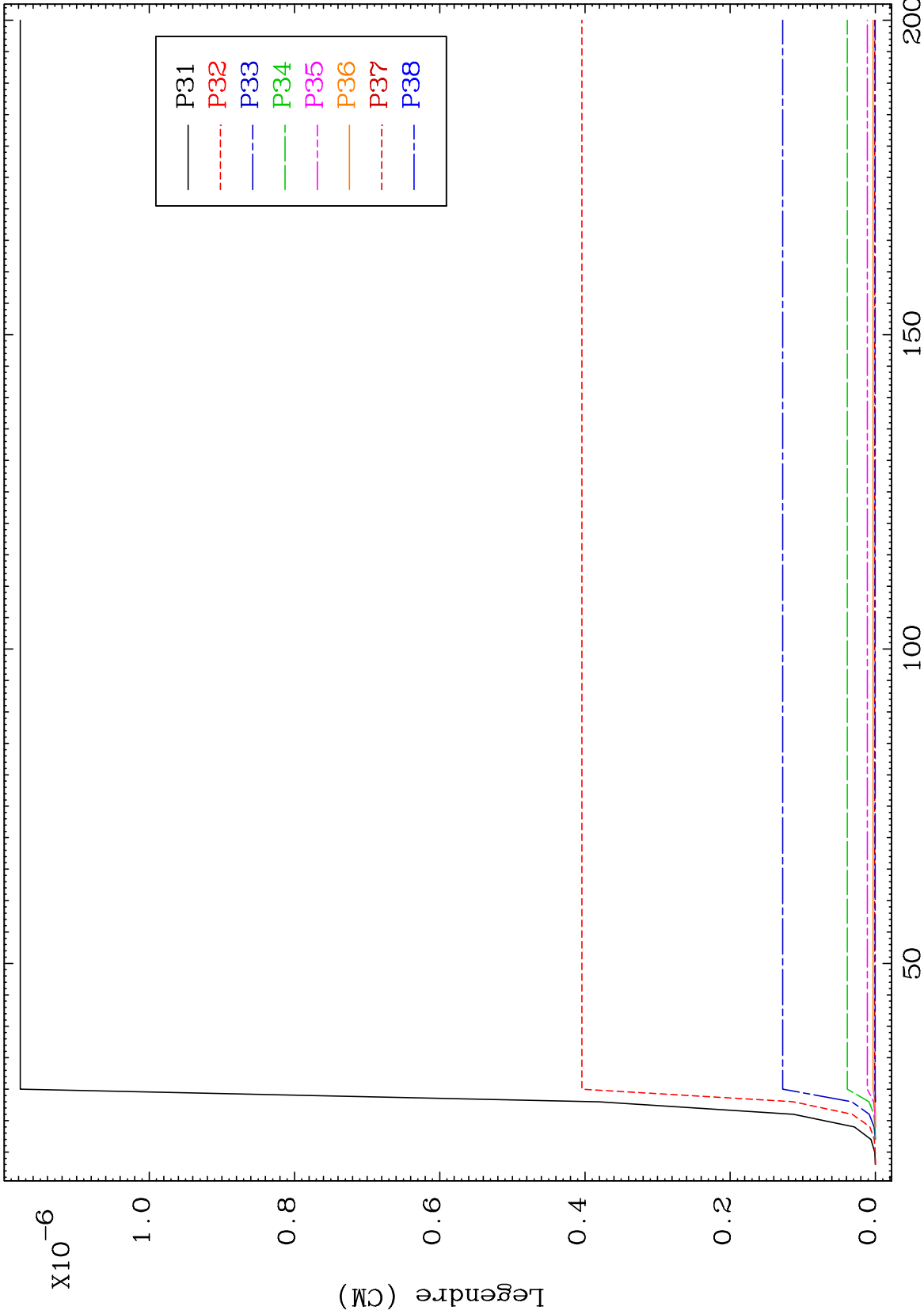
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



37

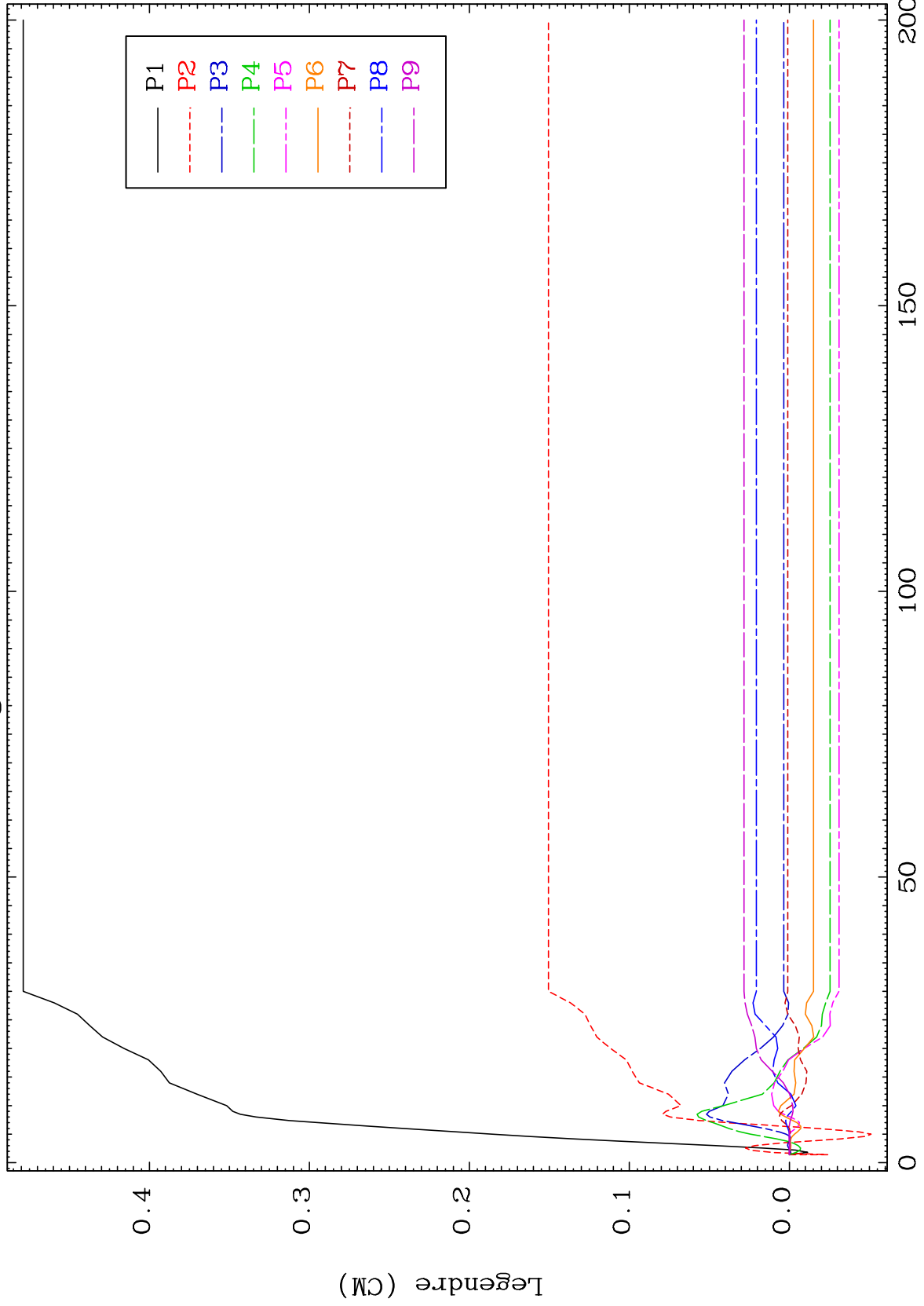
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



38

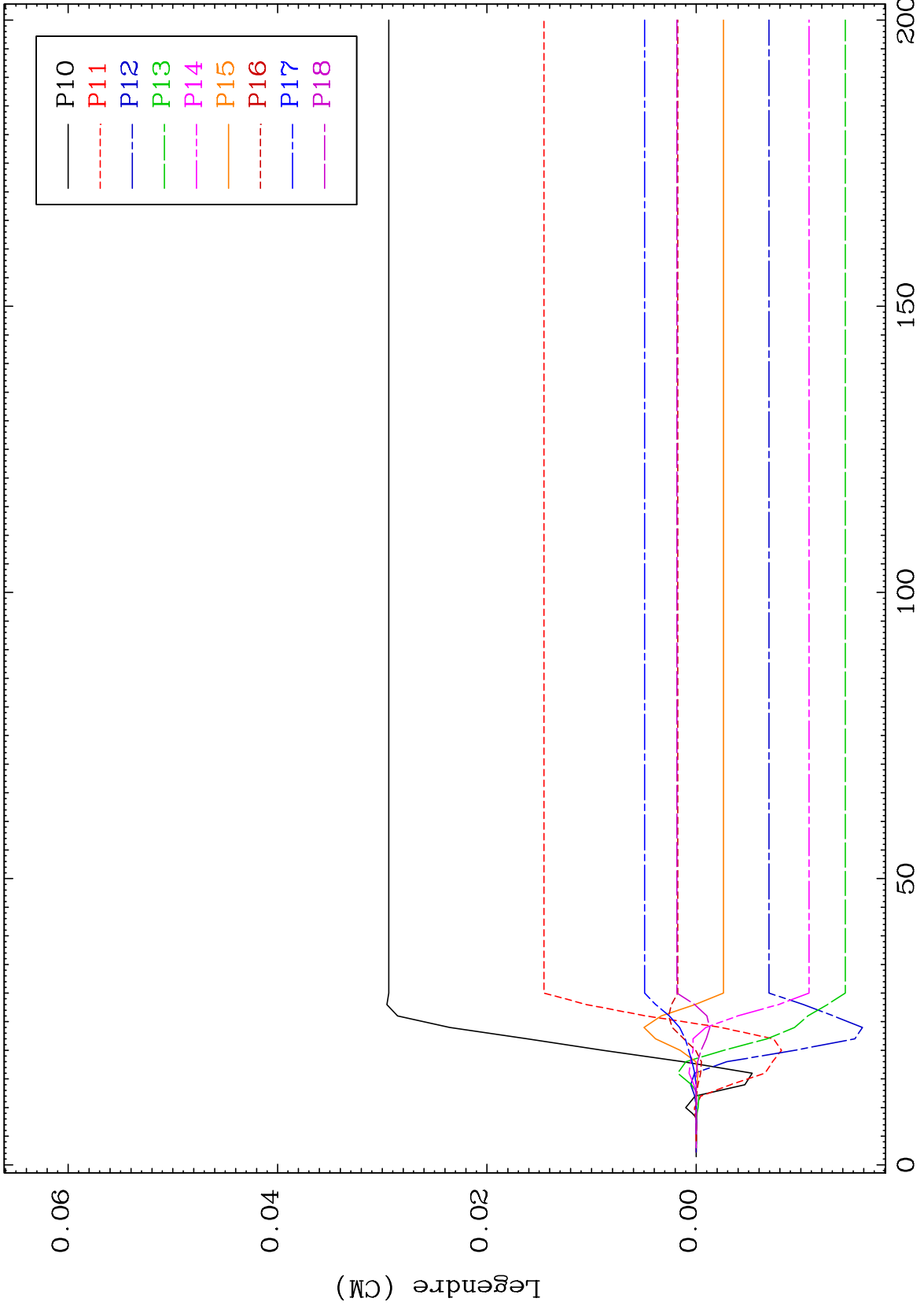
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



39

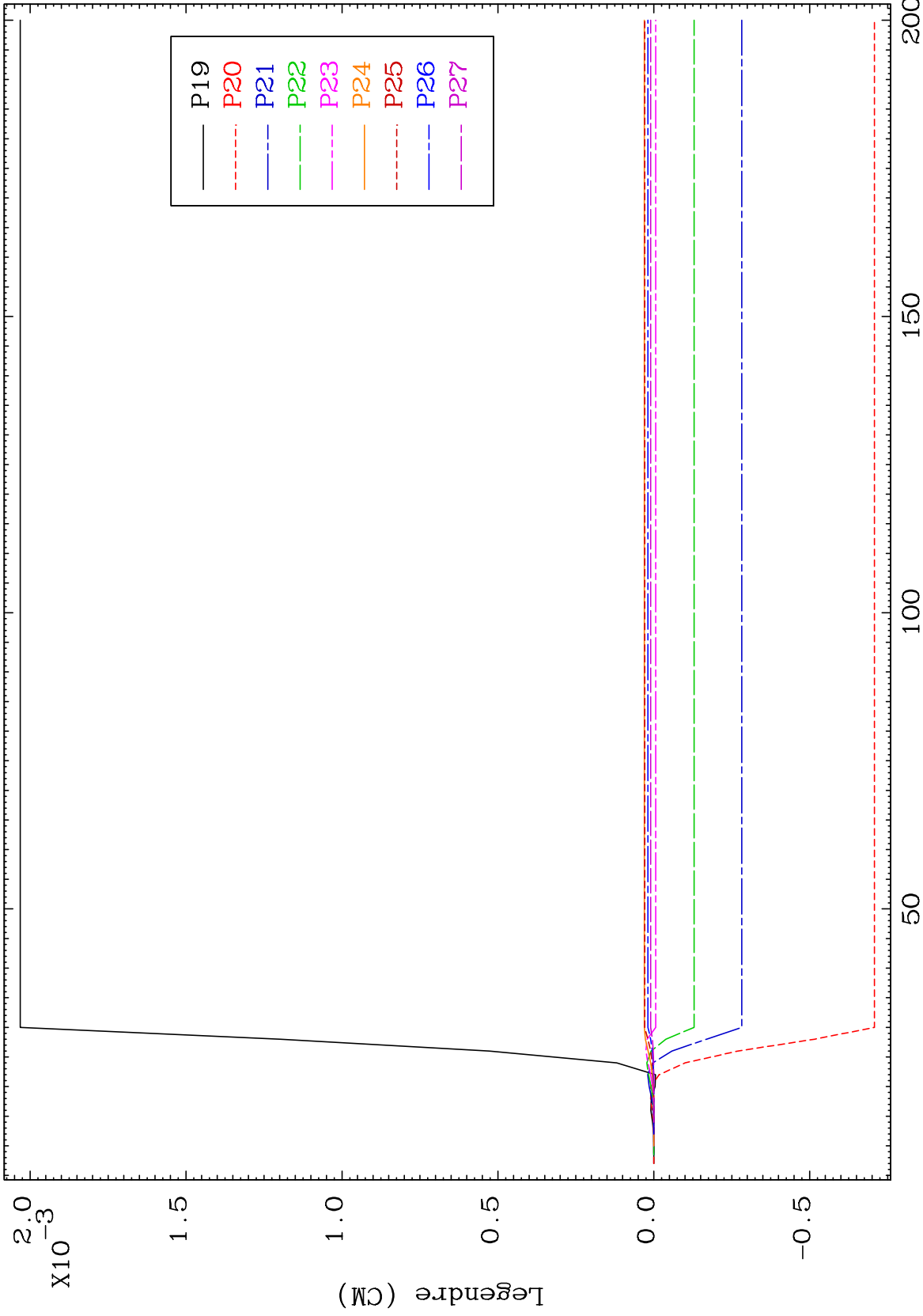
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



40

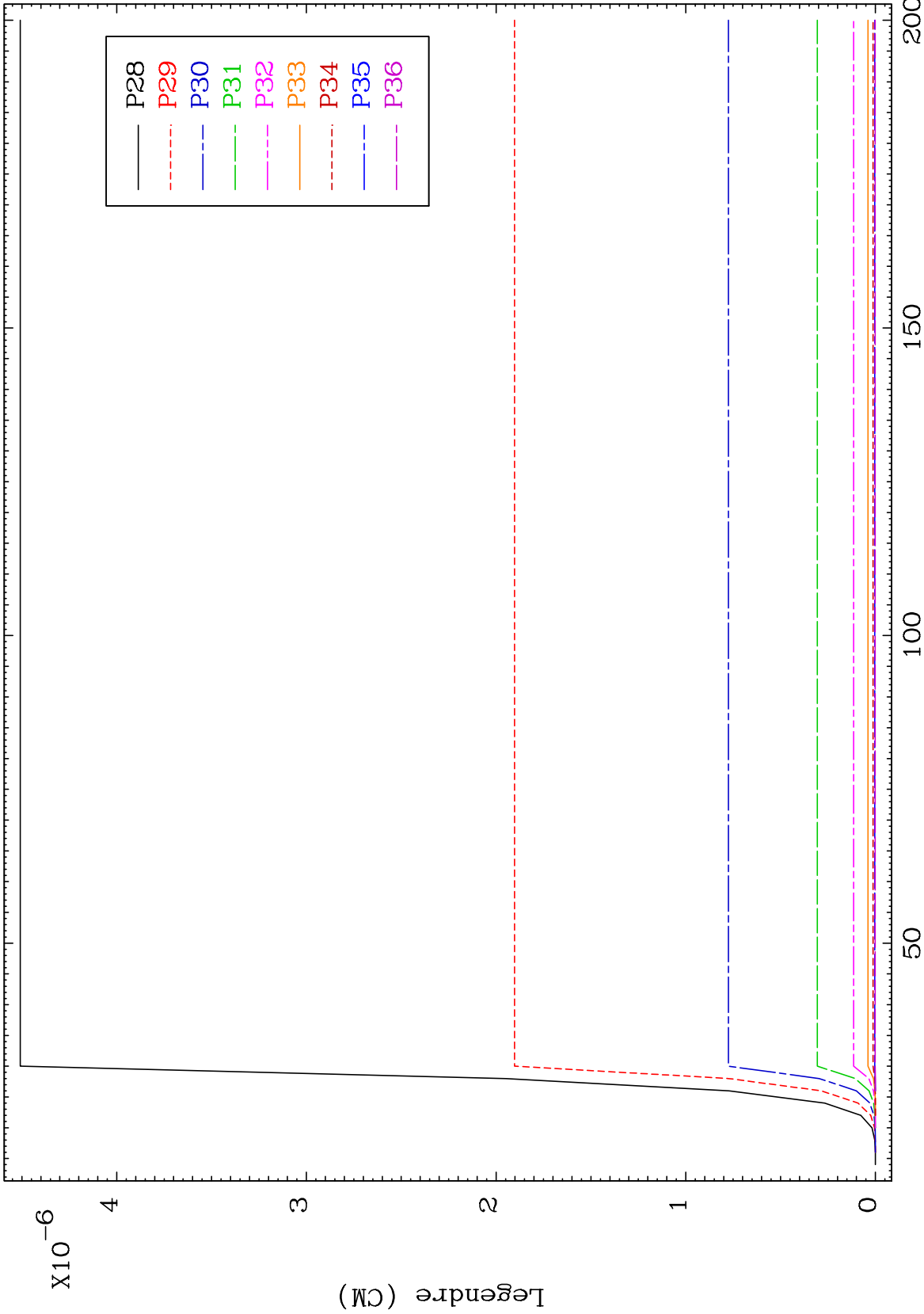
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



41

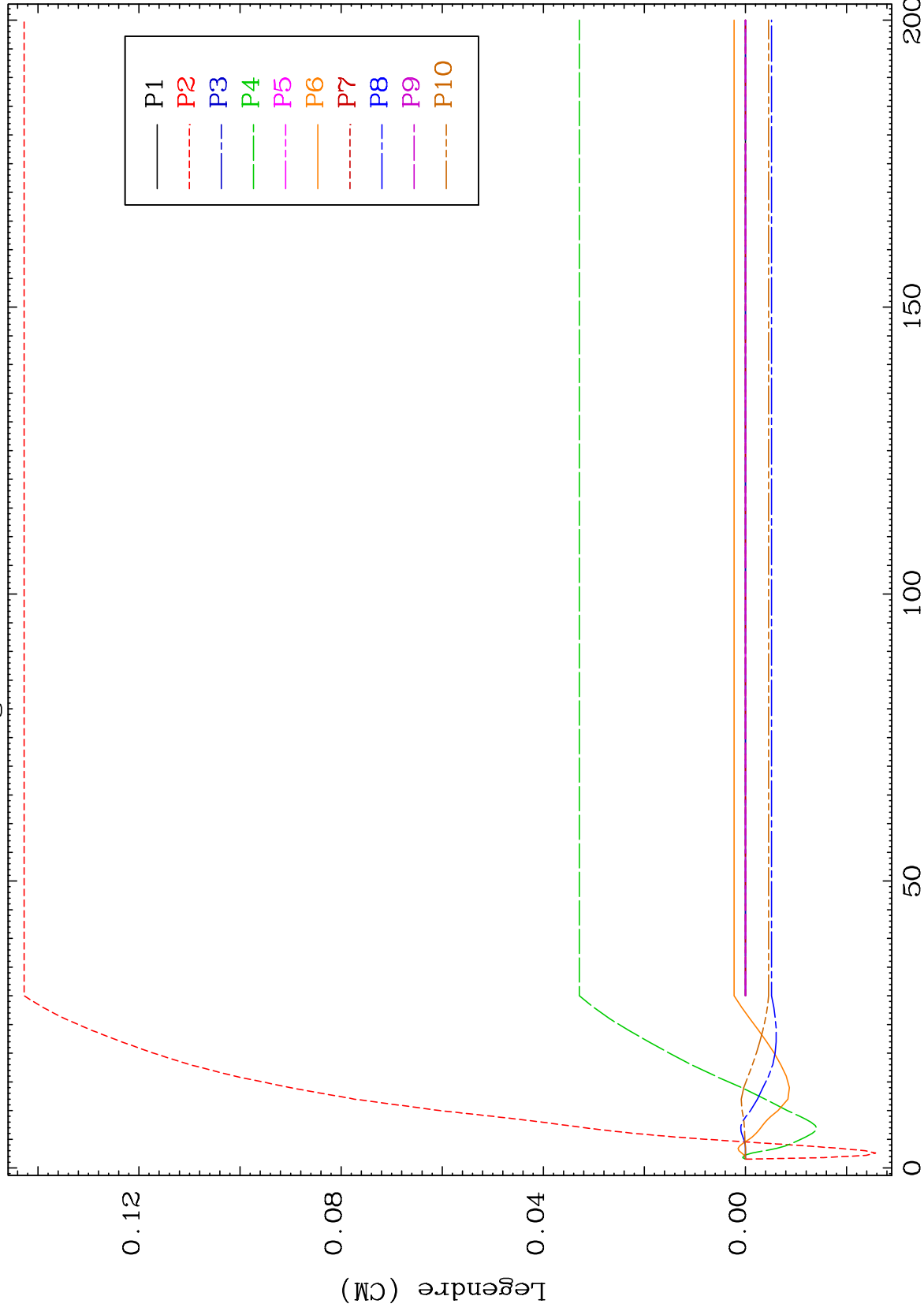
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



42

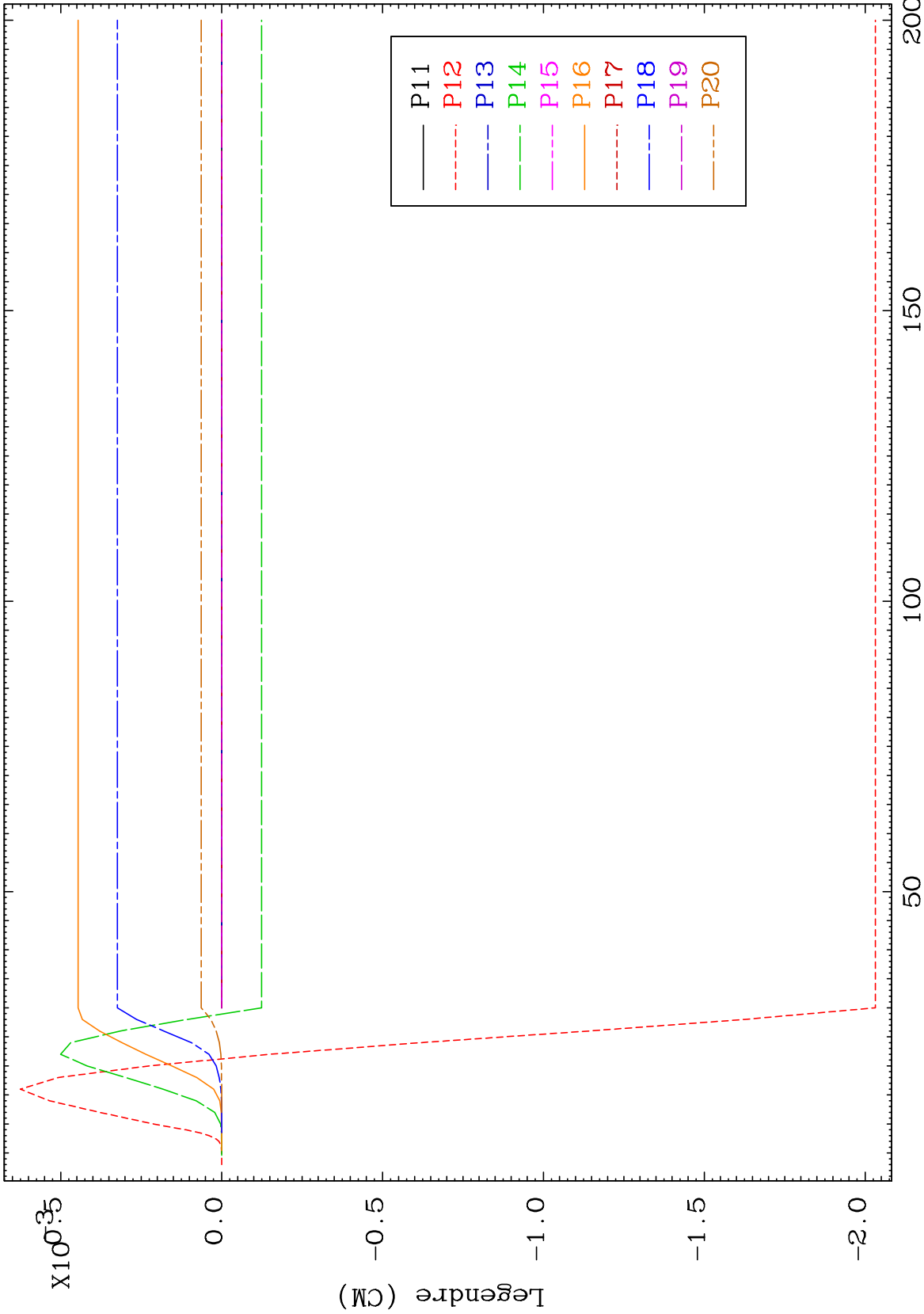
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



43

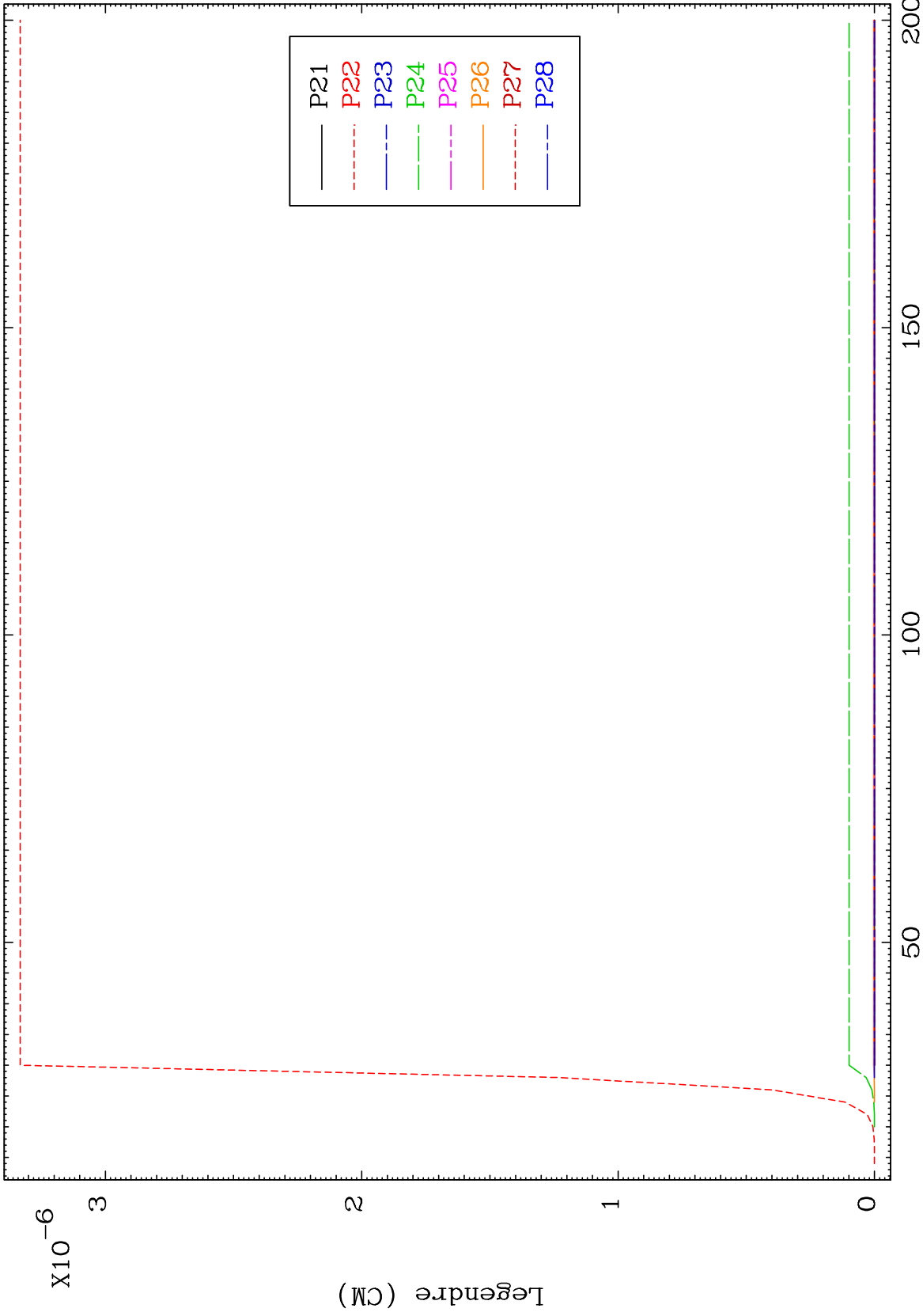
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



44

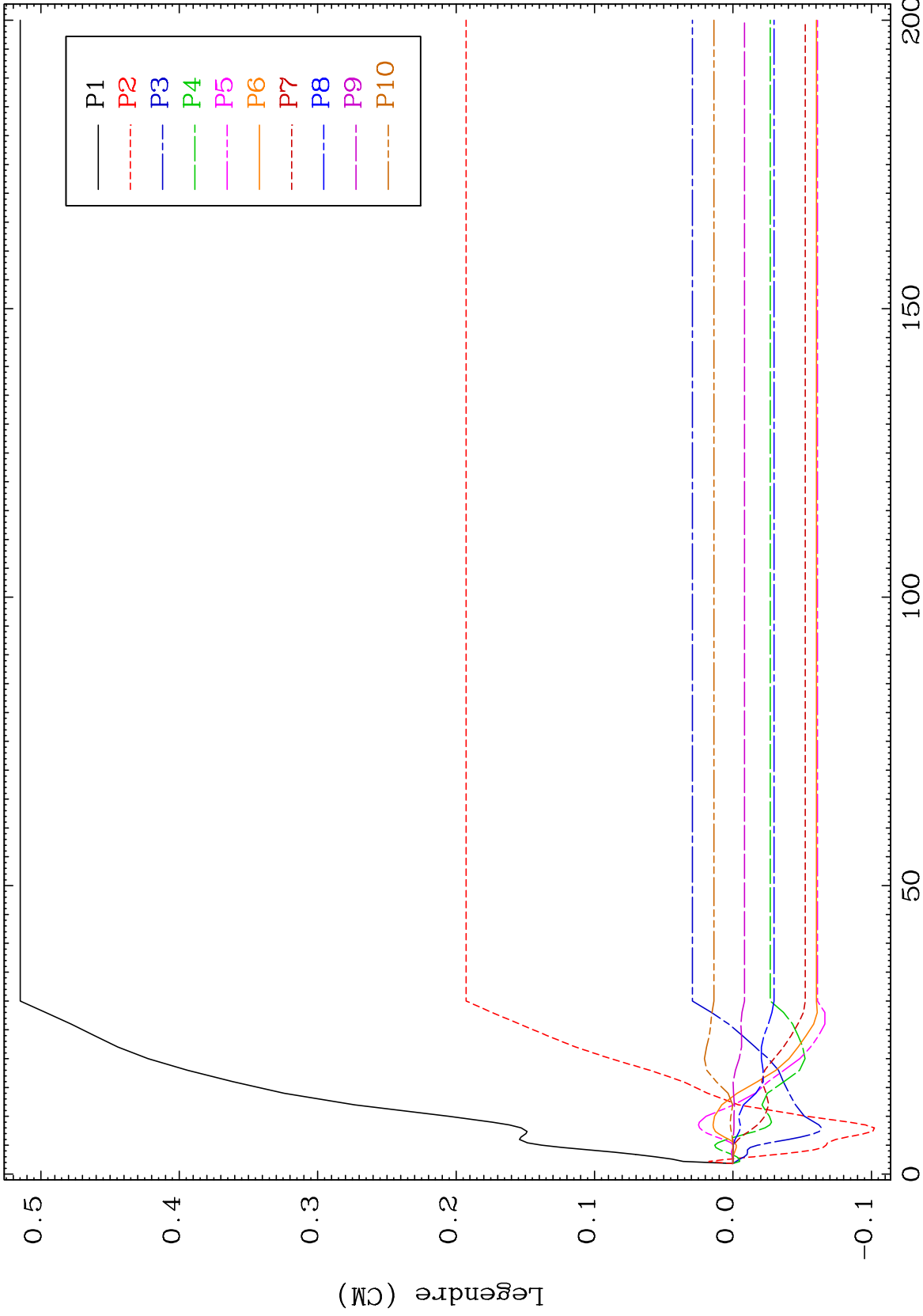
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



45

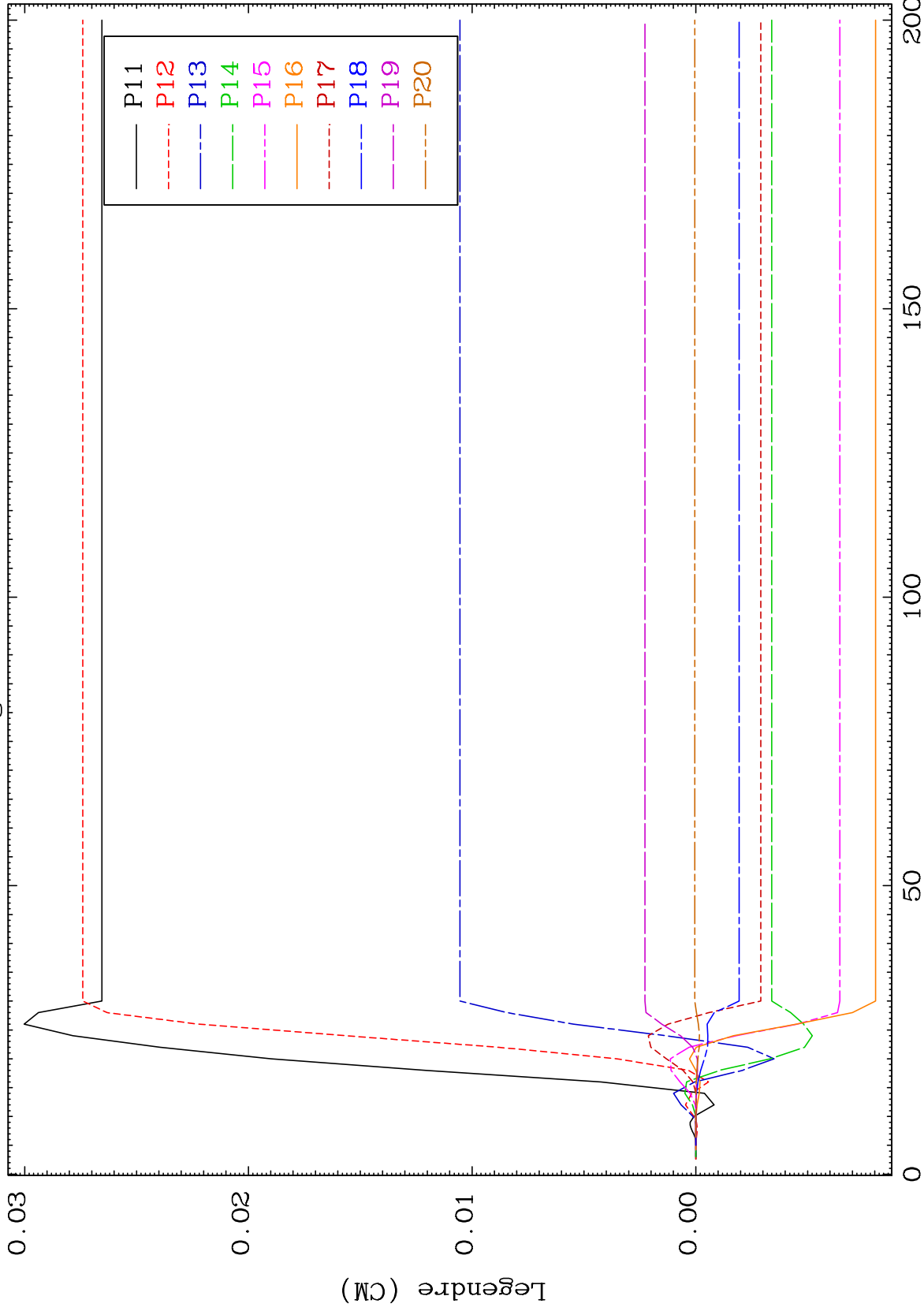
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



46

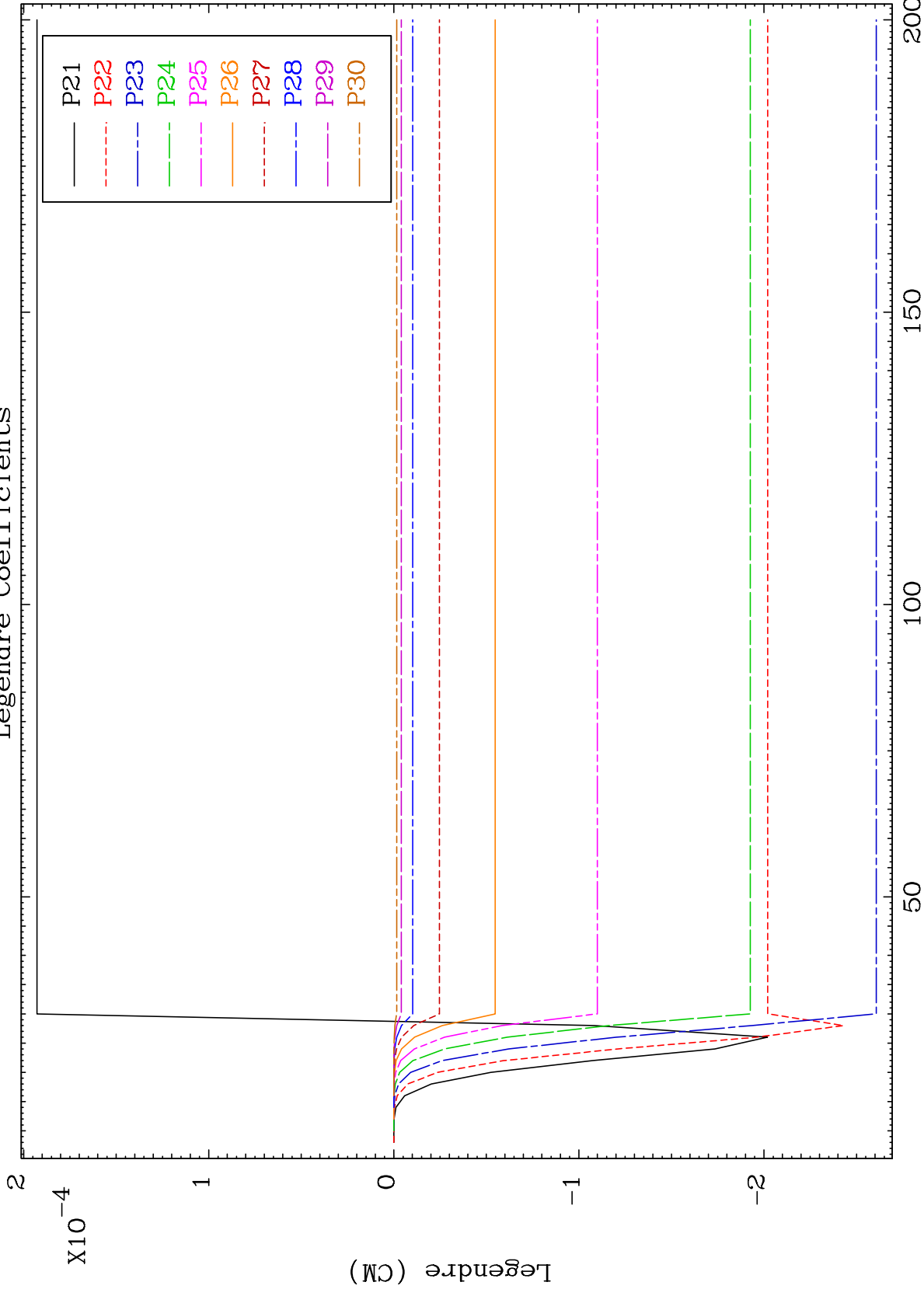
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



47

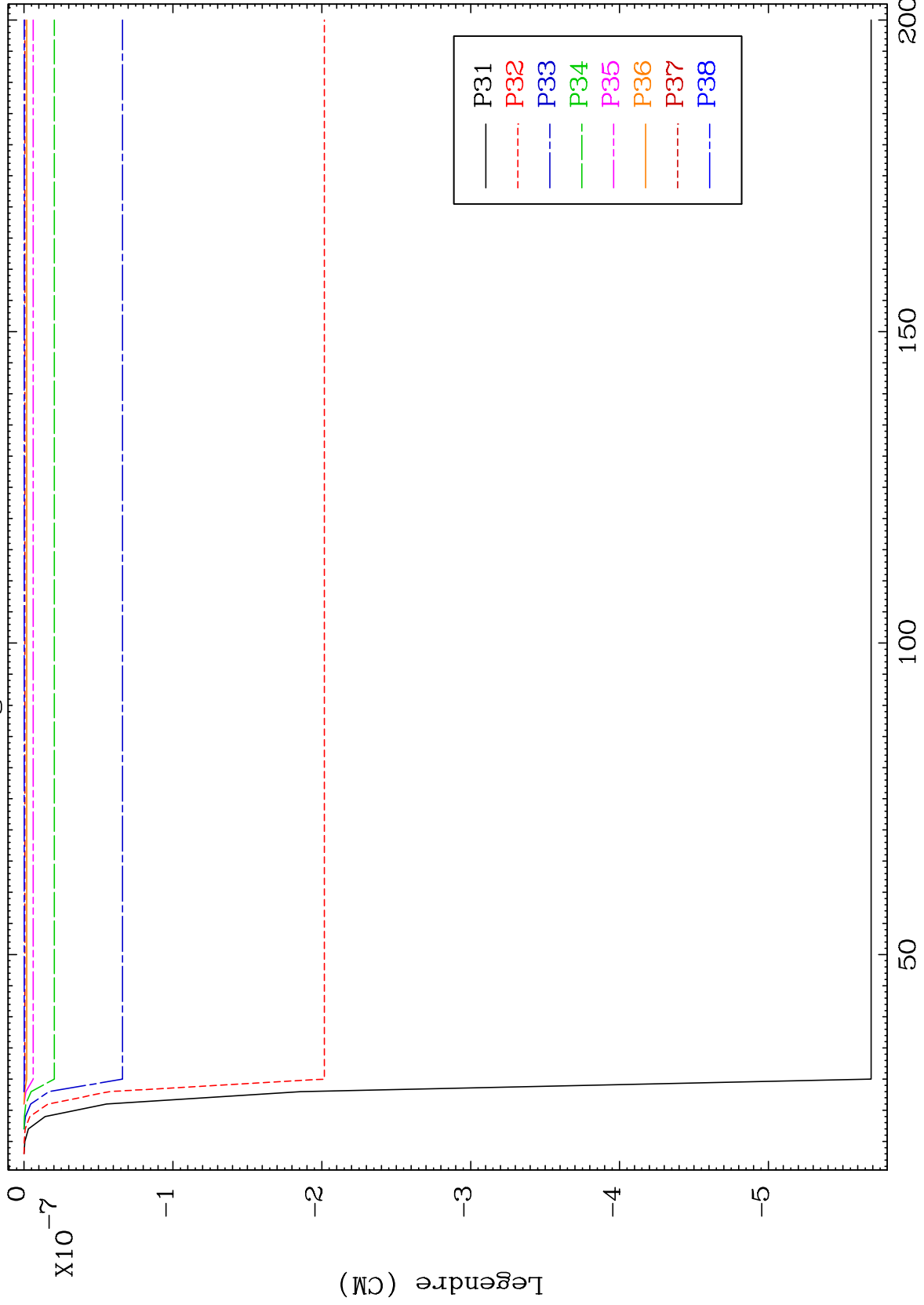
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



84-Po-196

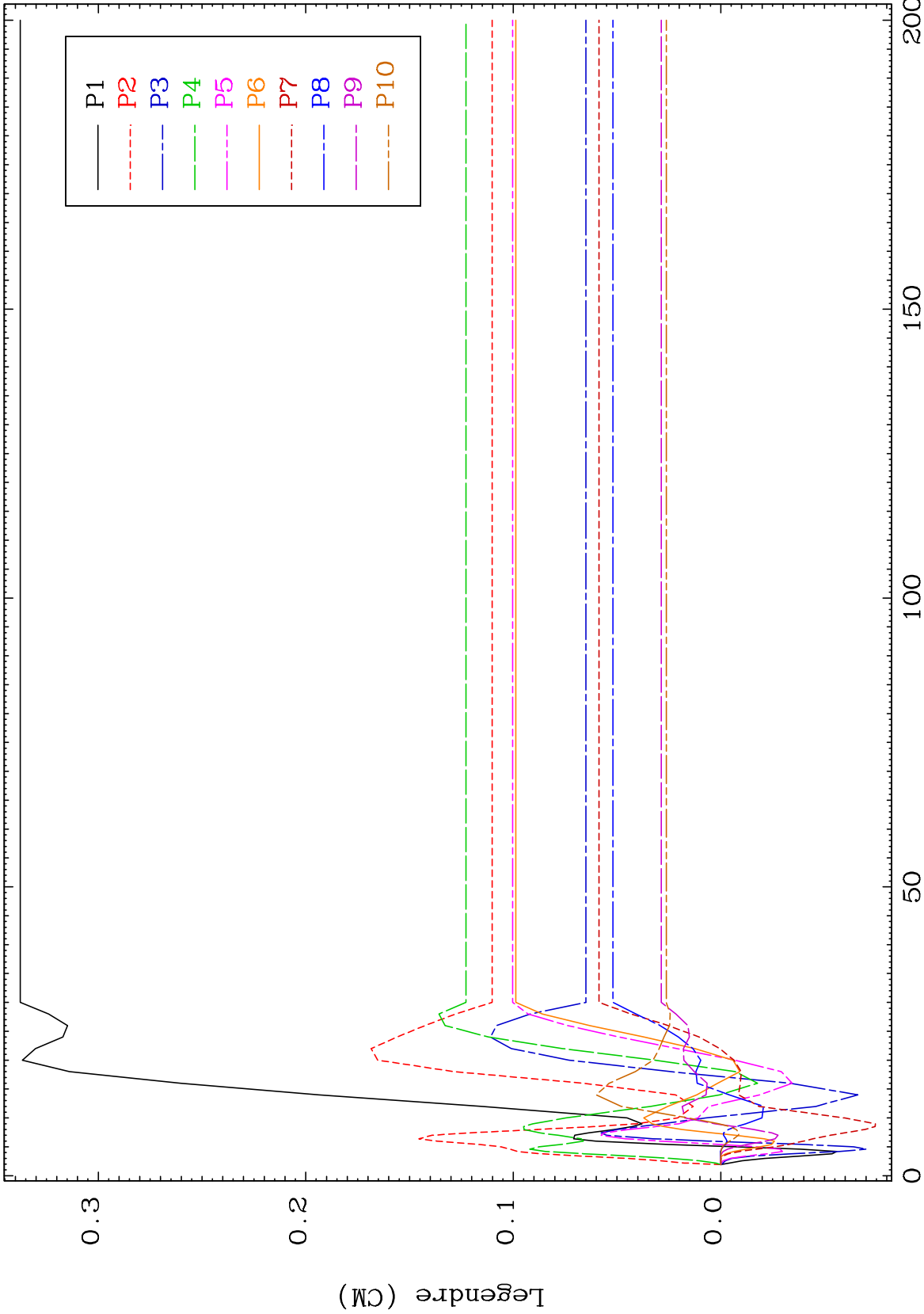
Incident Energy (MeV)

48

MAT 8395

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

84-Po-196



49

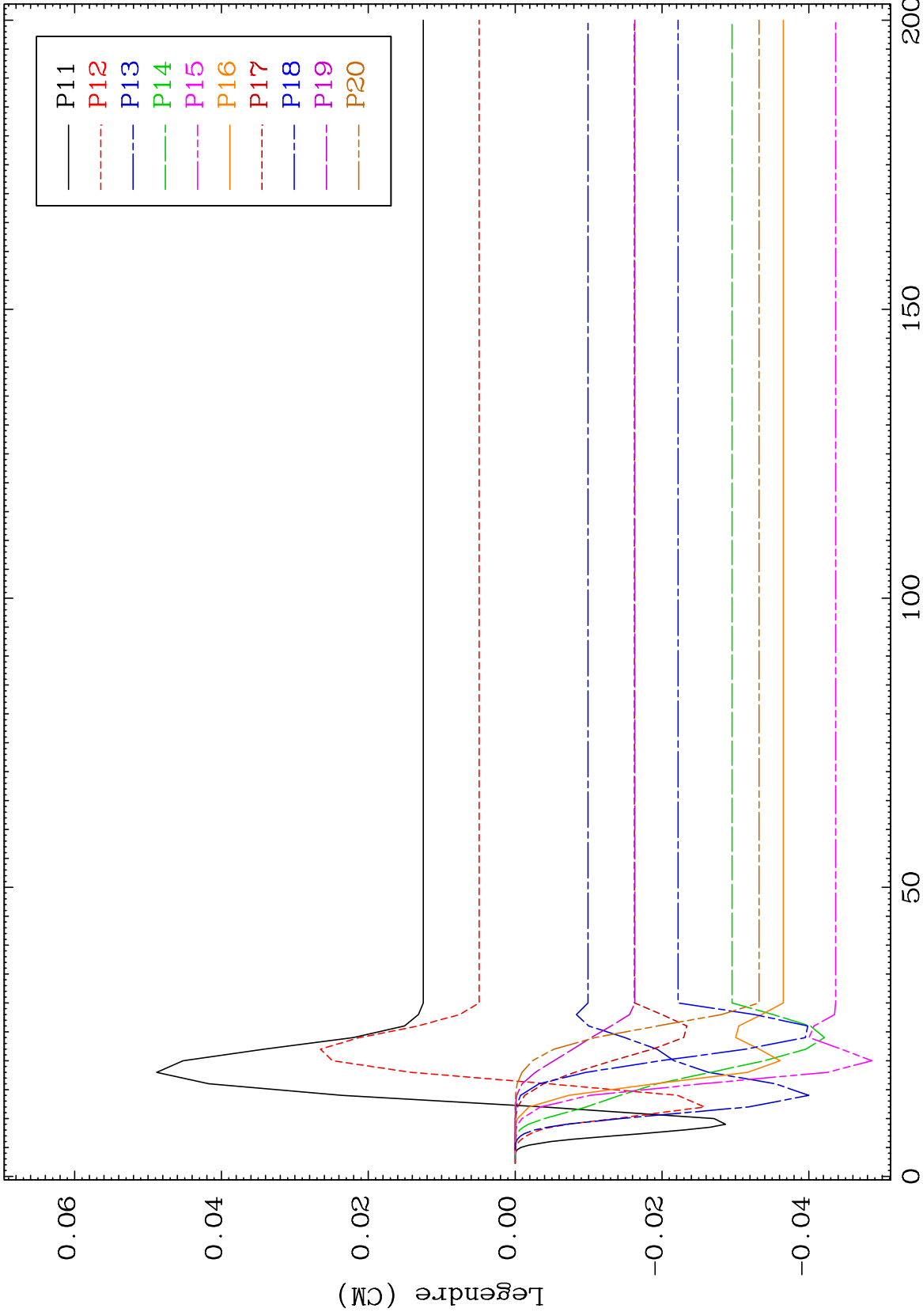
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



84-Po-196

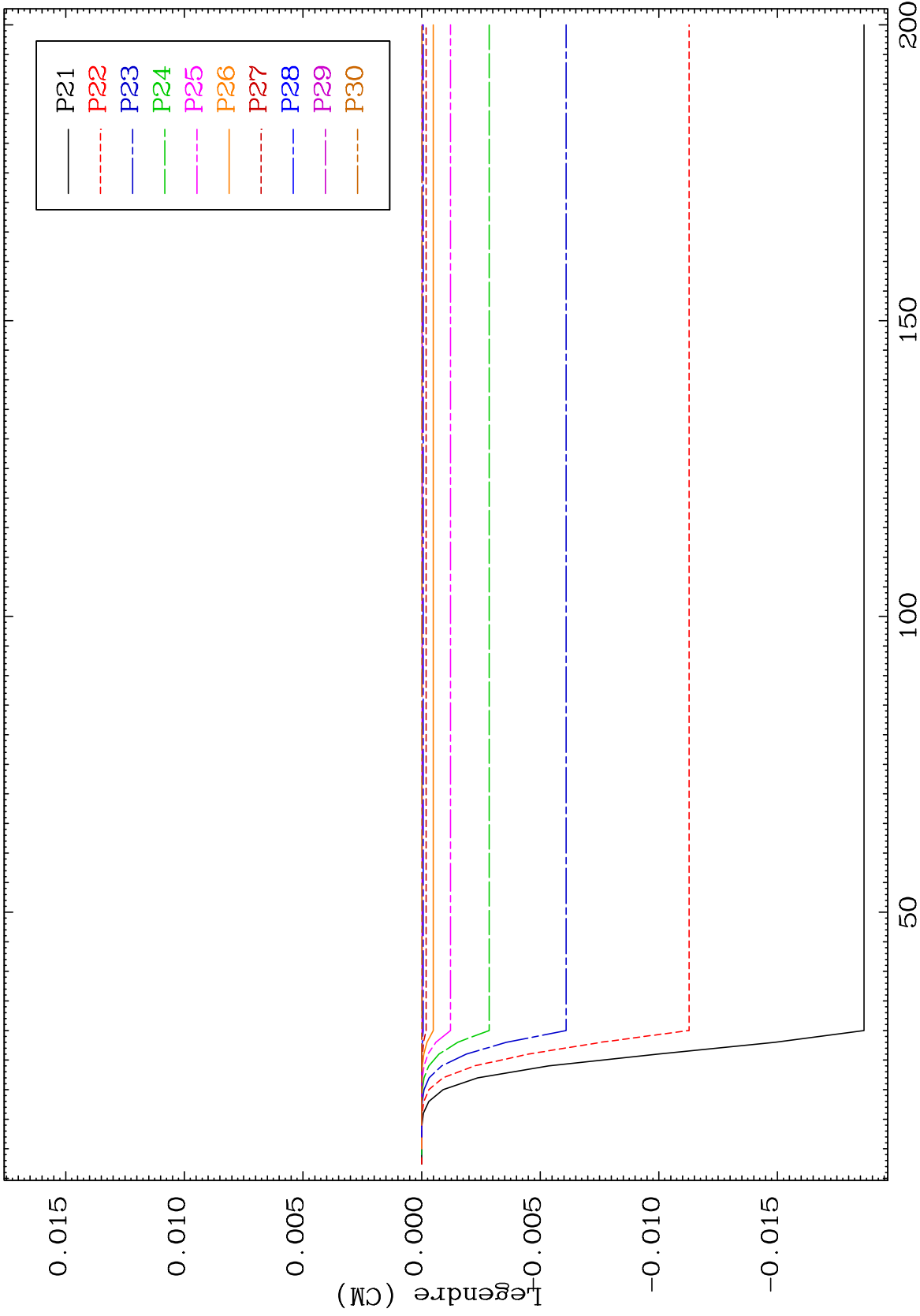
Incident Energy (MeV)

50

MAT 8395

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

84-Po-196



51

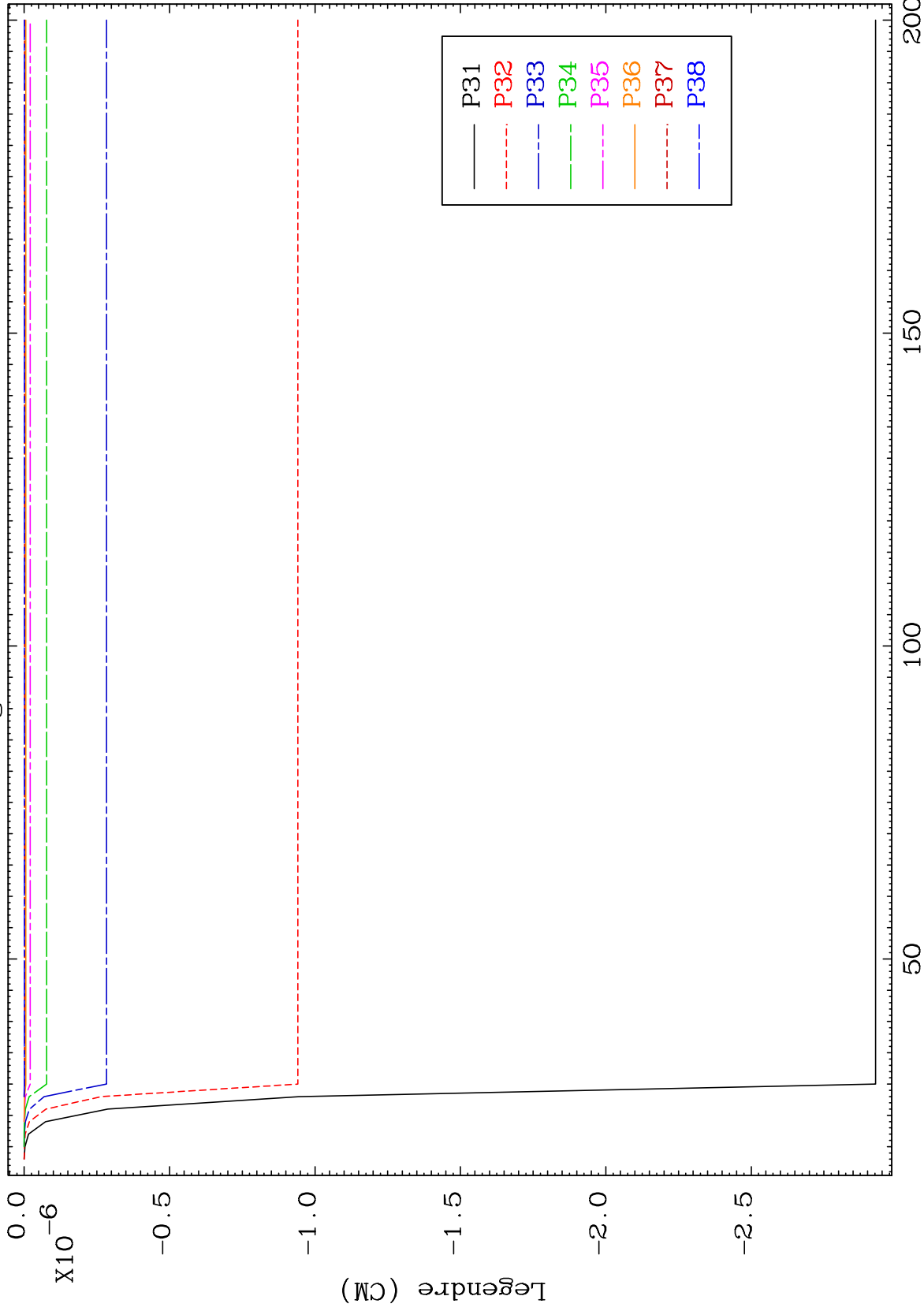
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



52

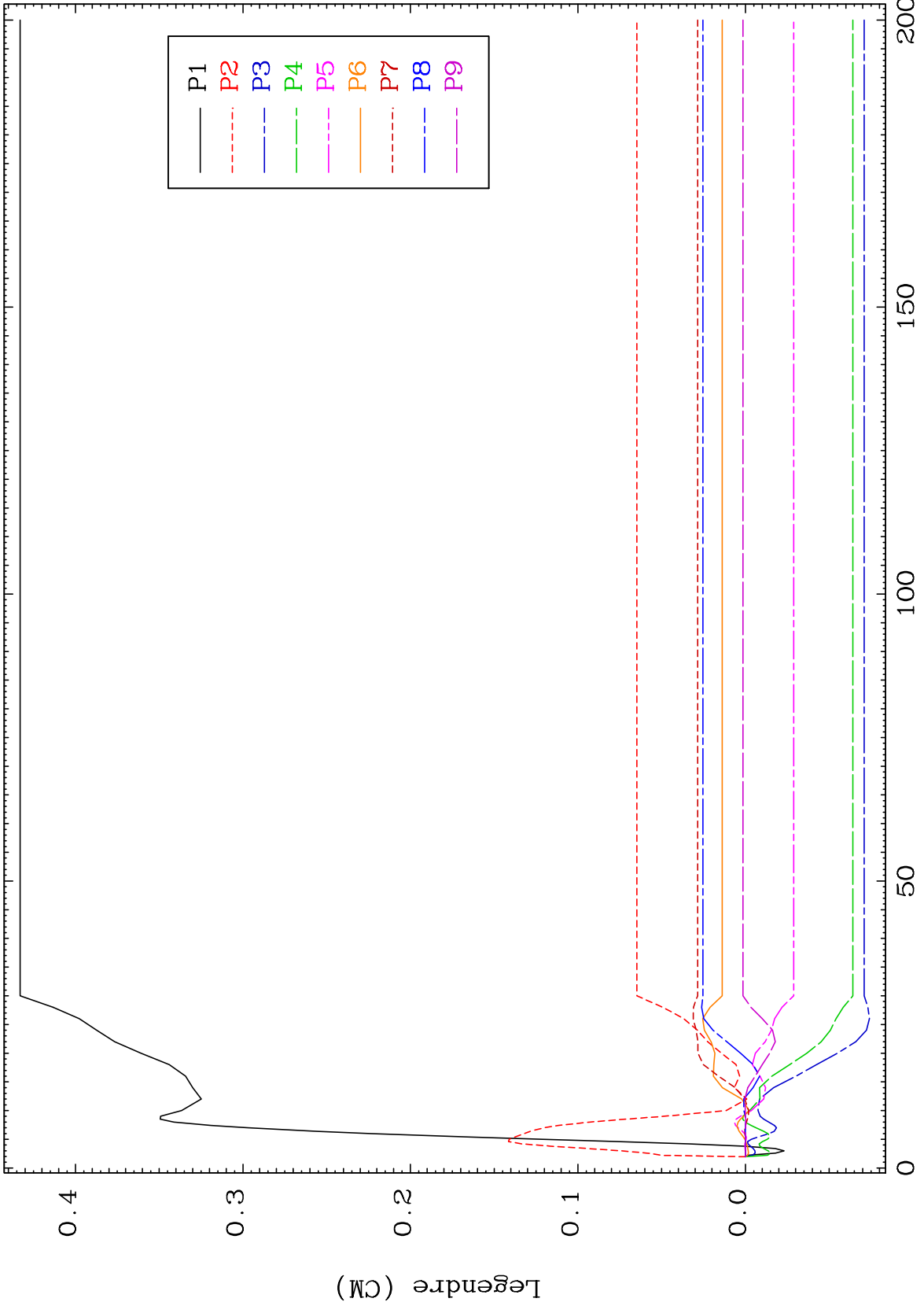
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



53

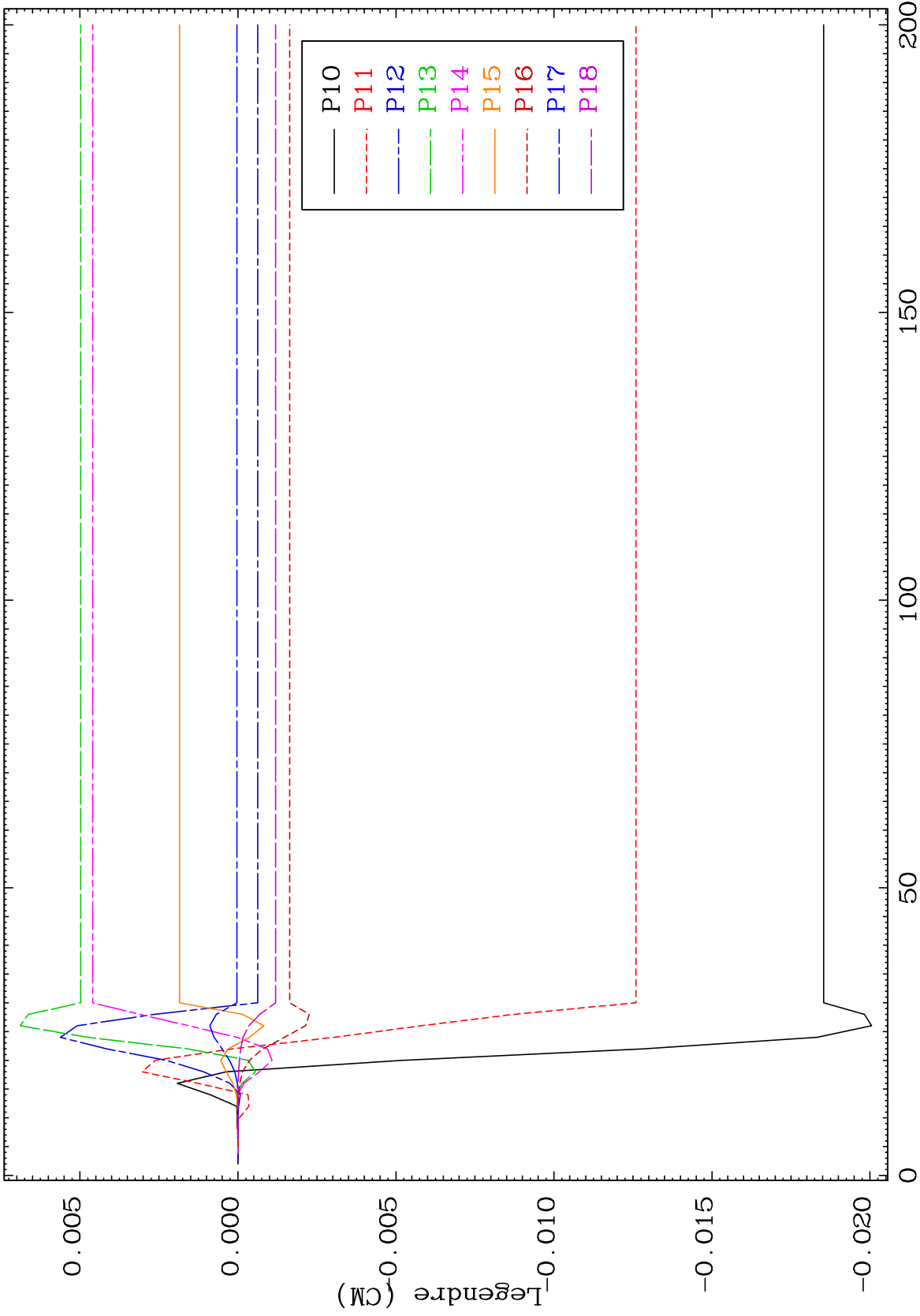
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



54

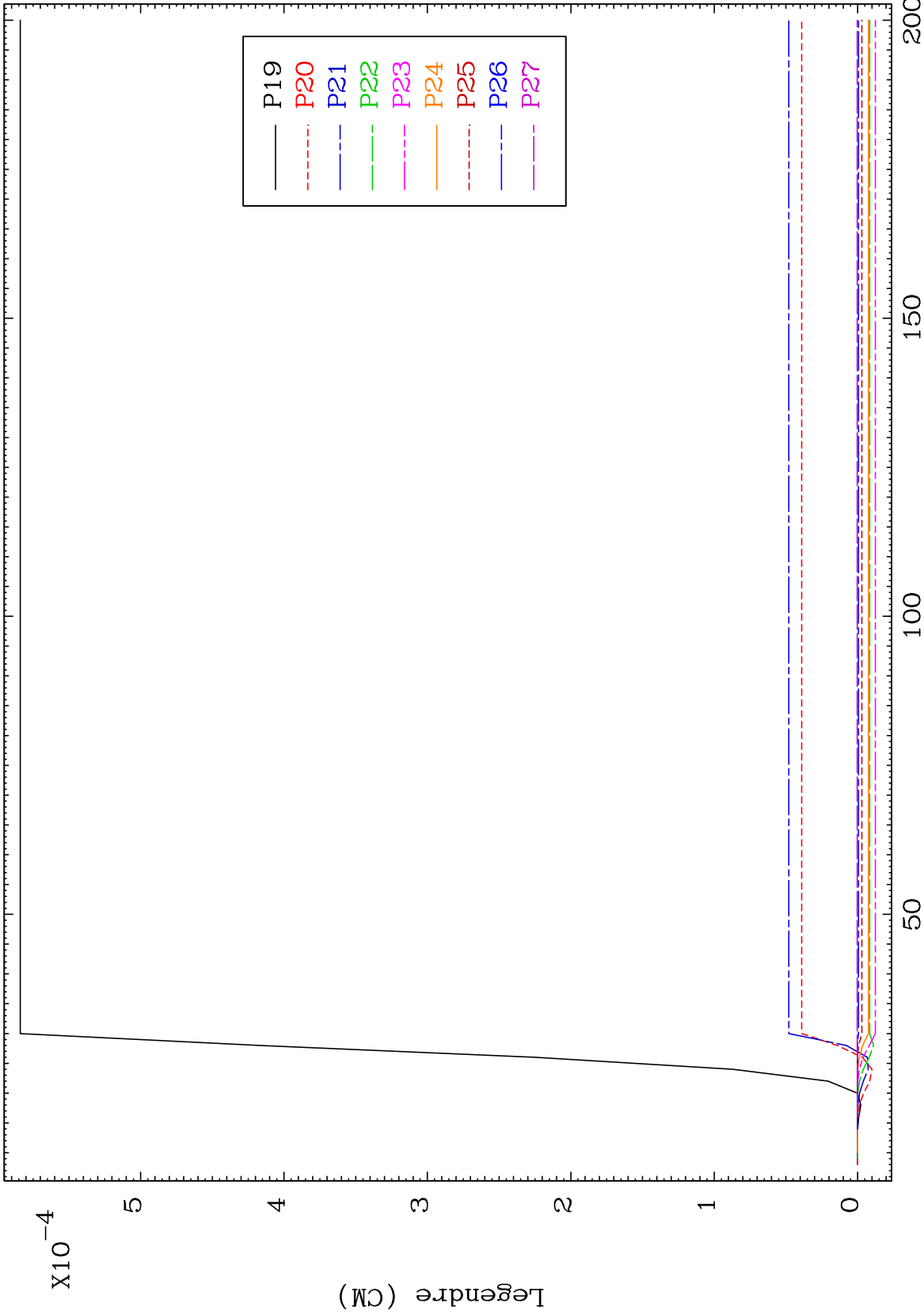
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



55

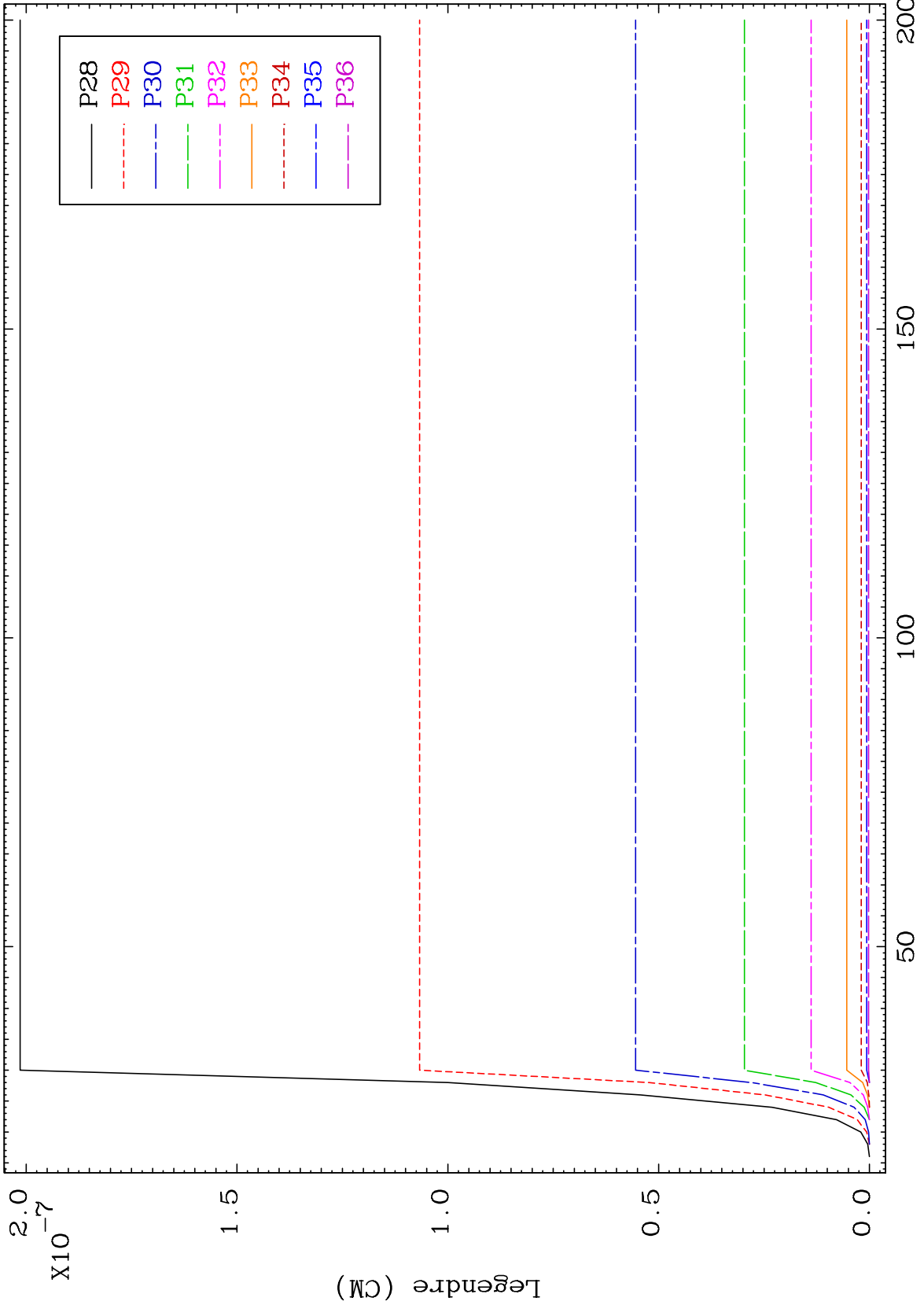
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



56

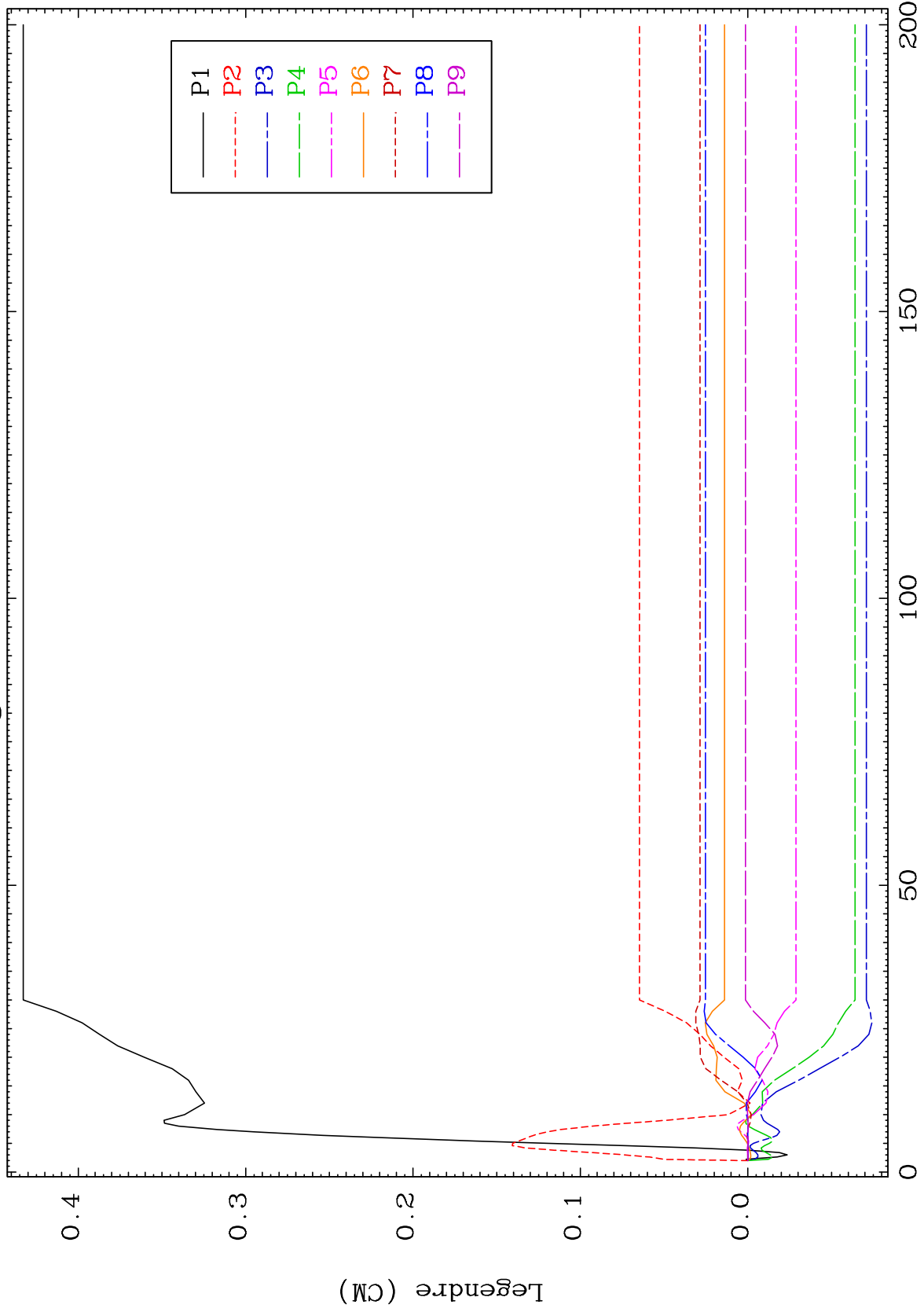
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



57

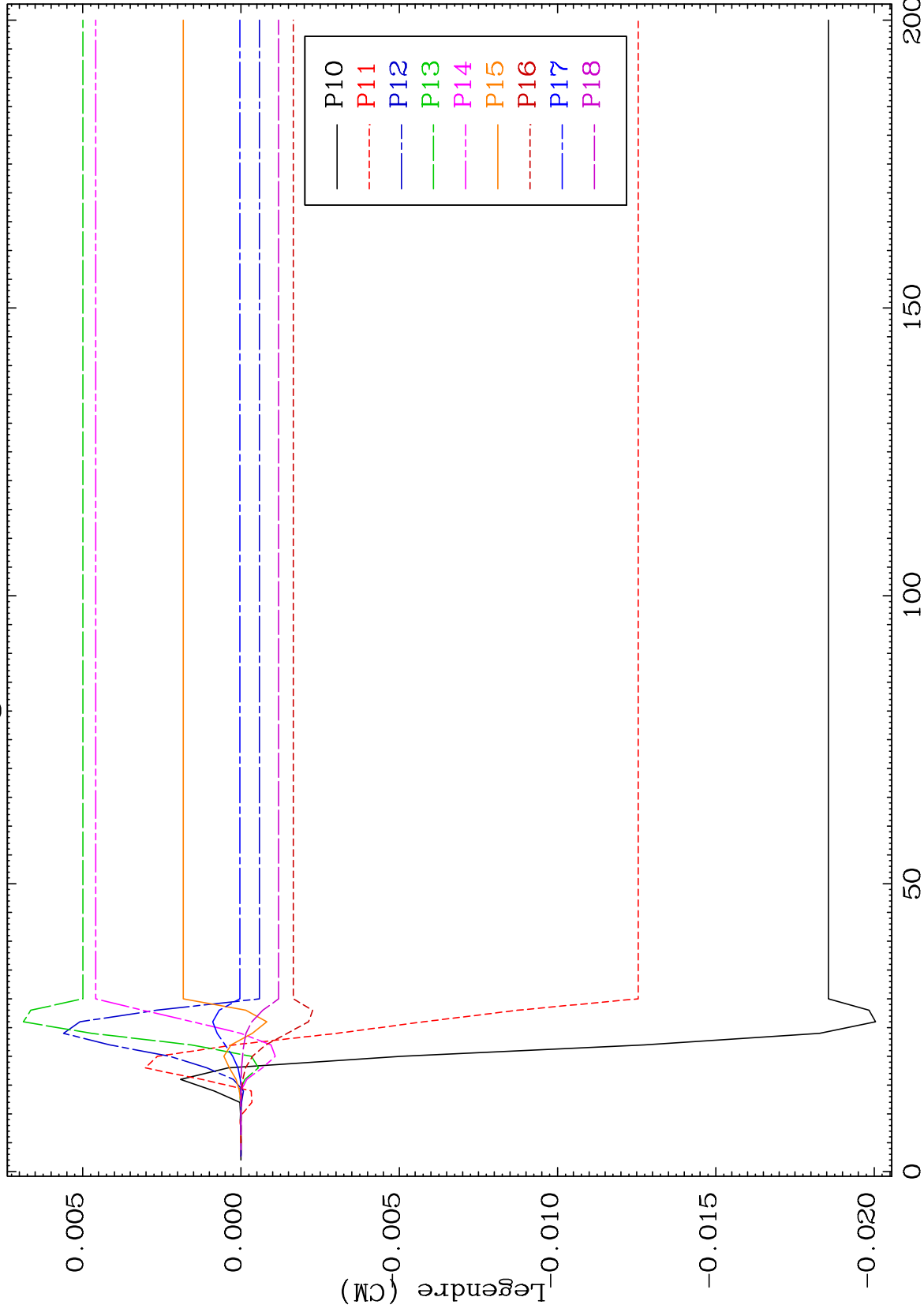
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



58

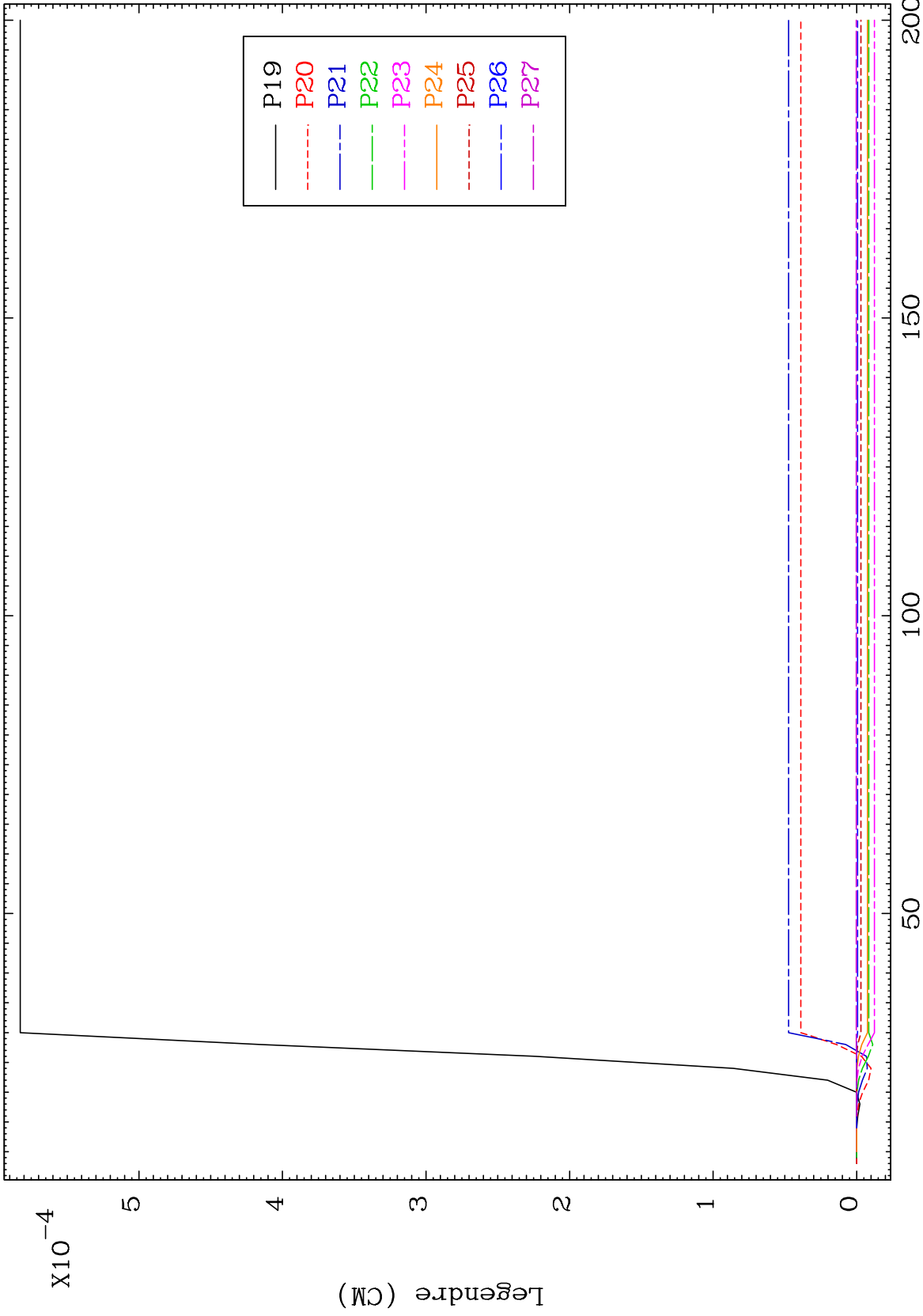
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



59

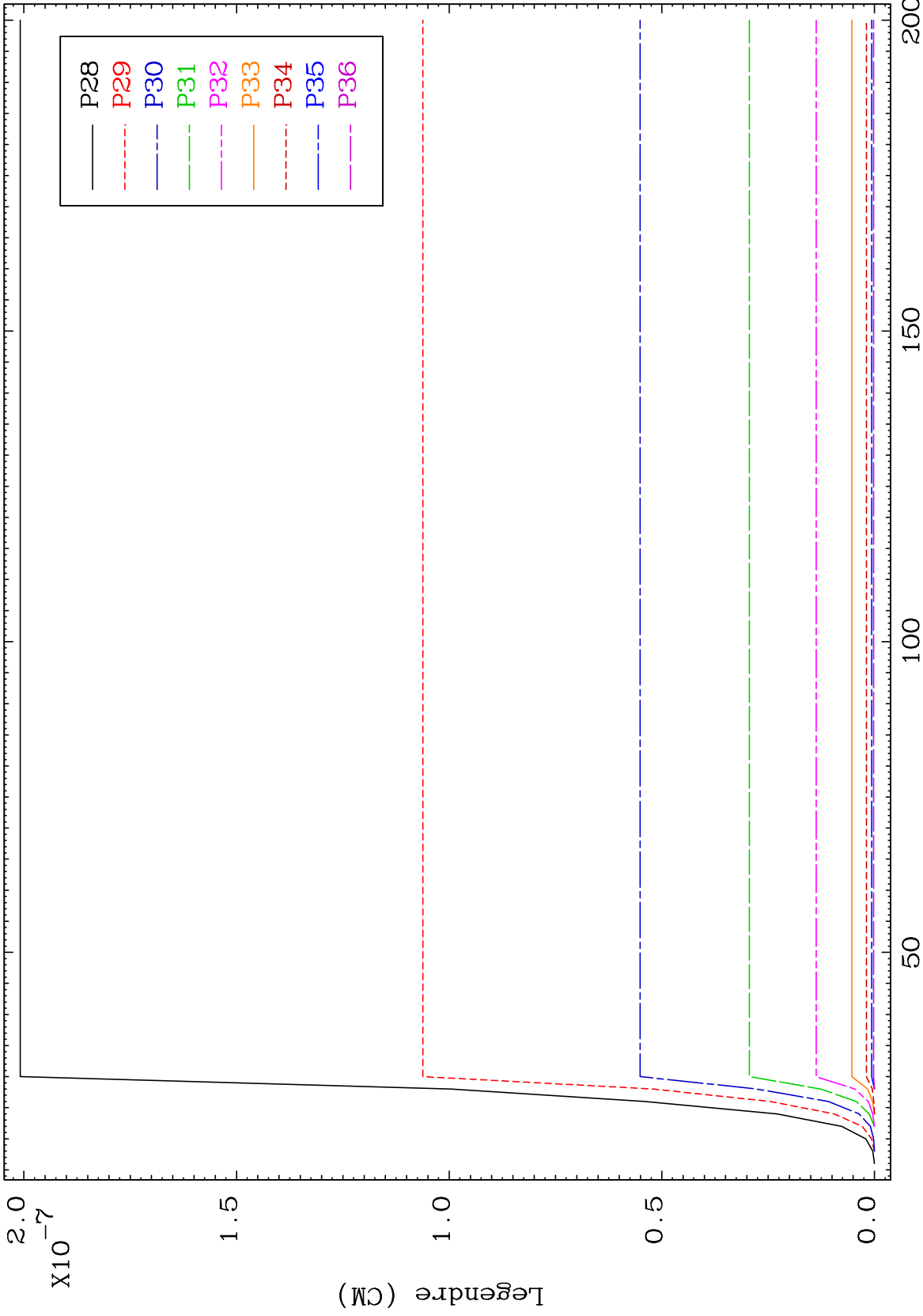
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



60

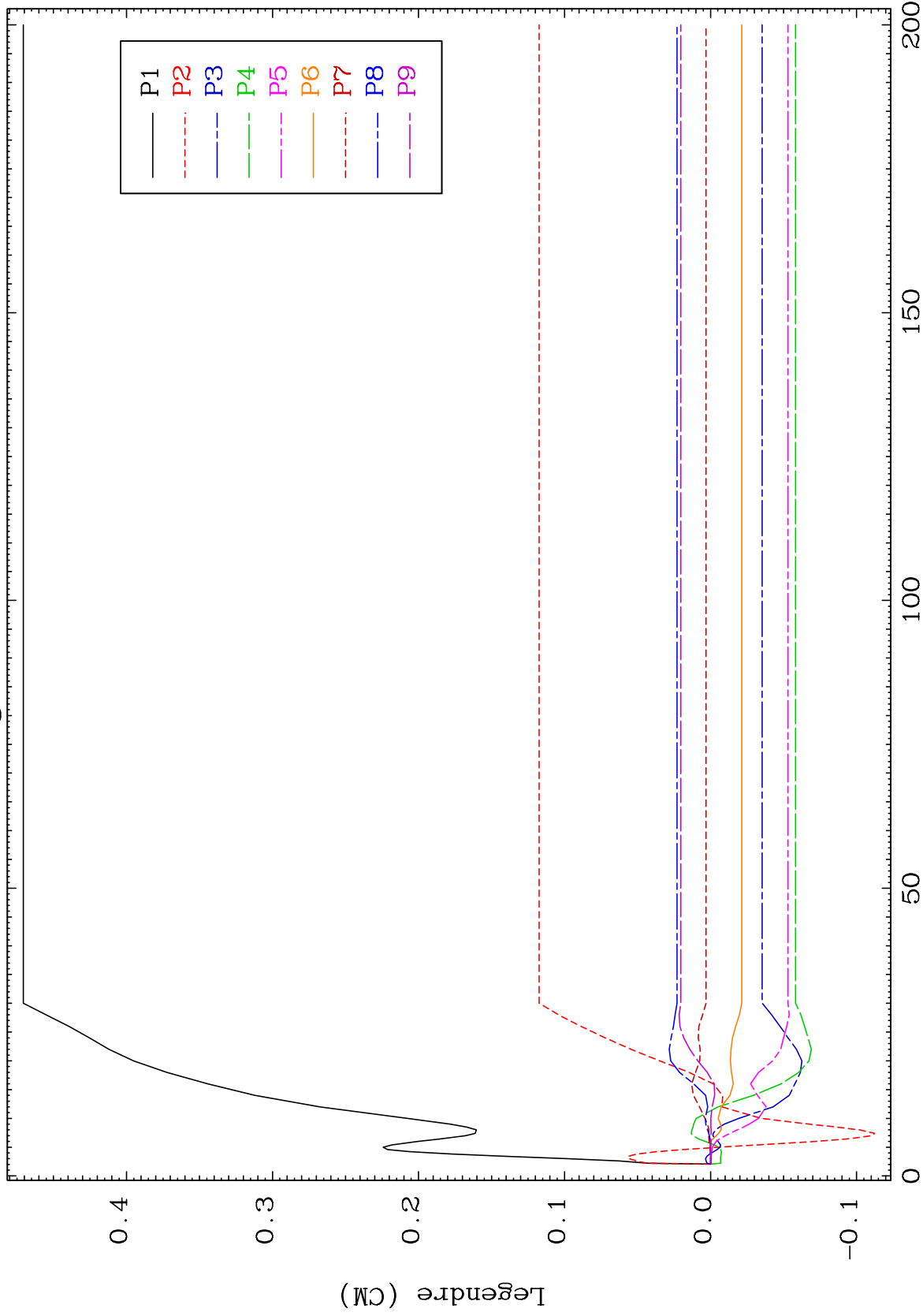
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



61

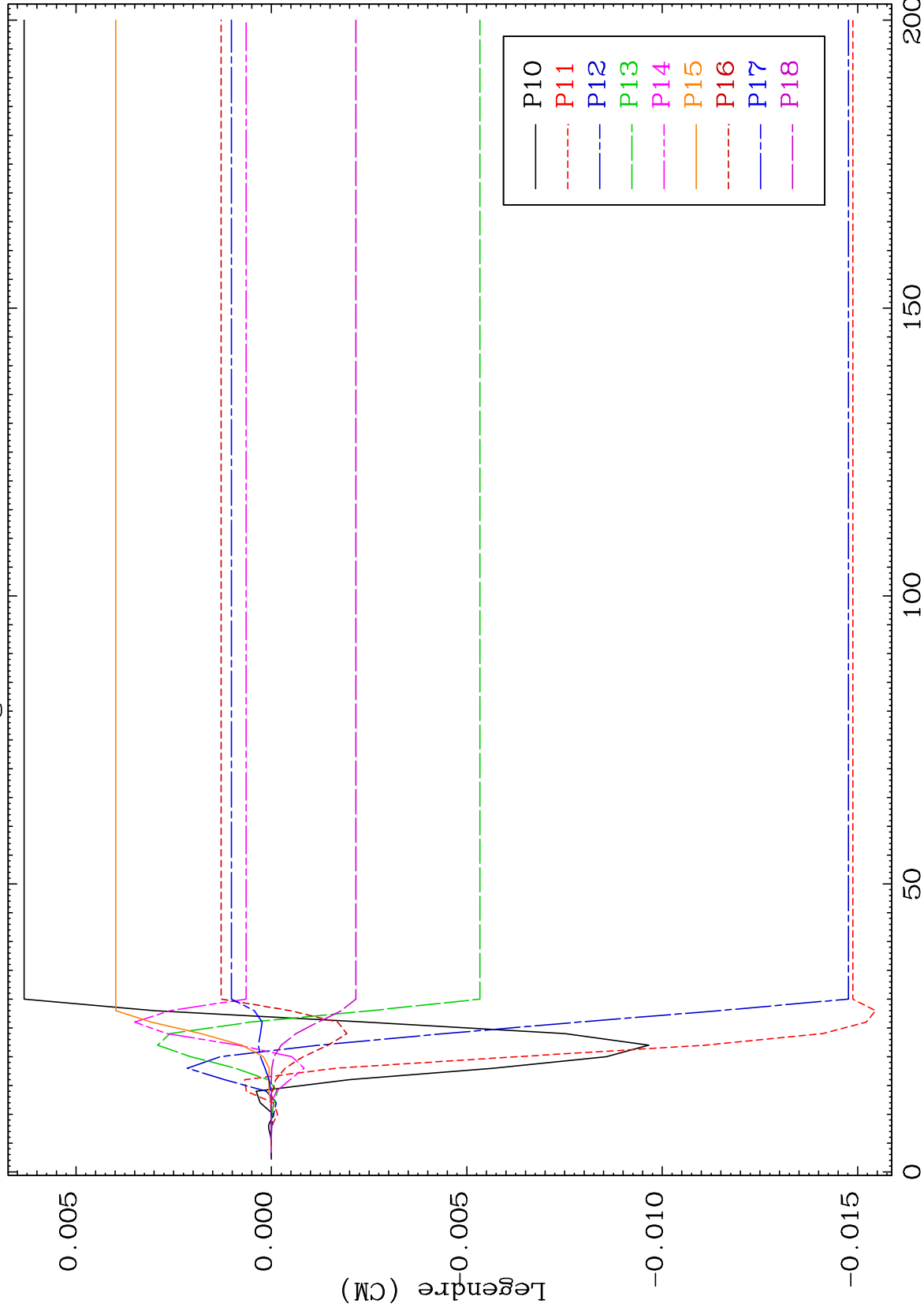
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



62

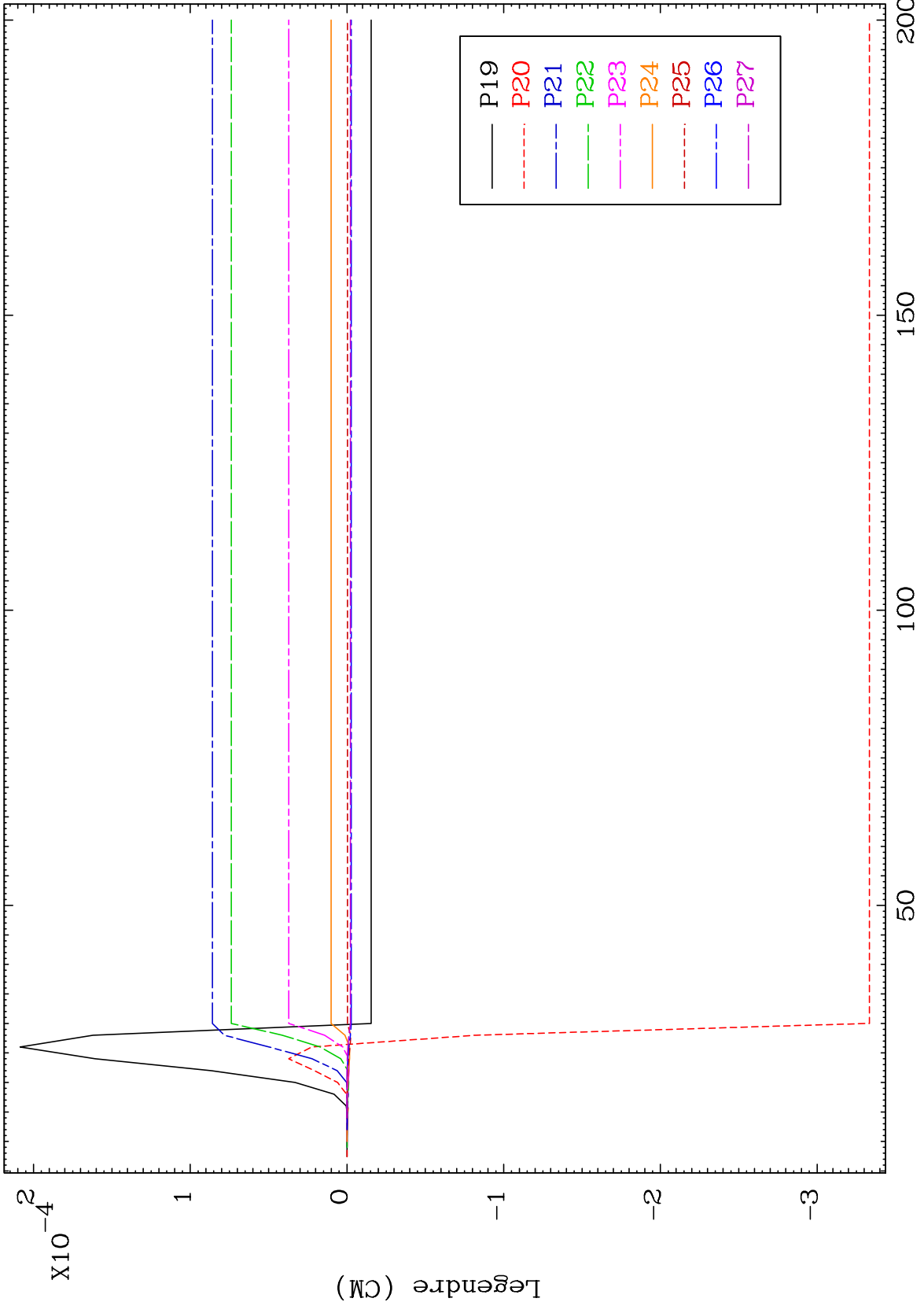
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



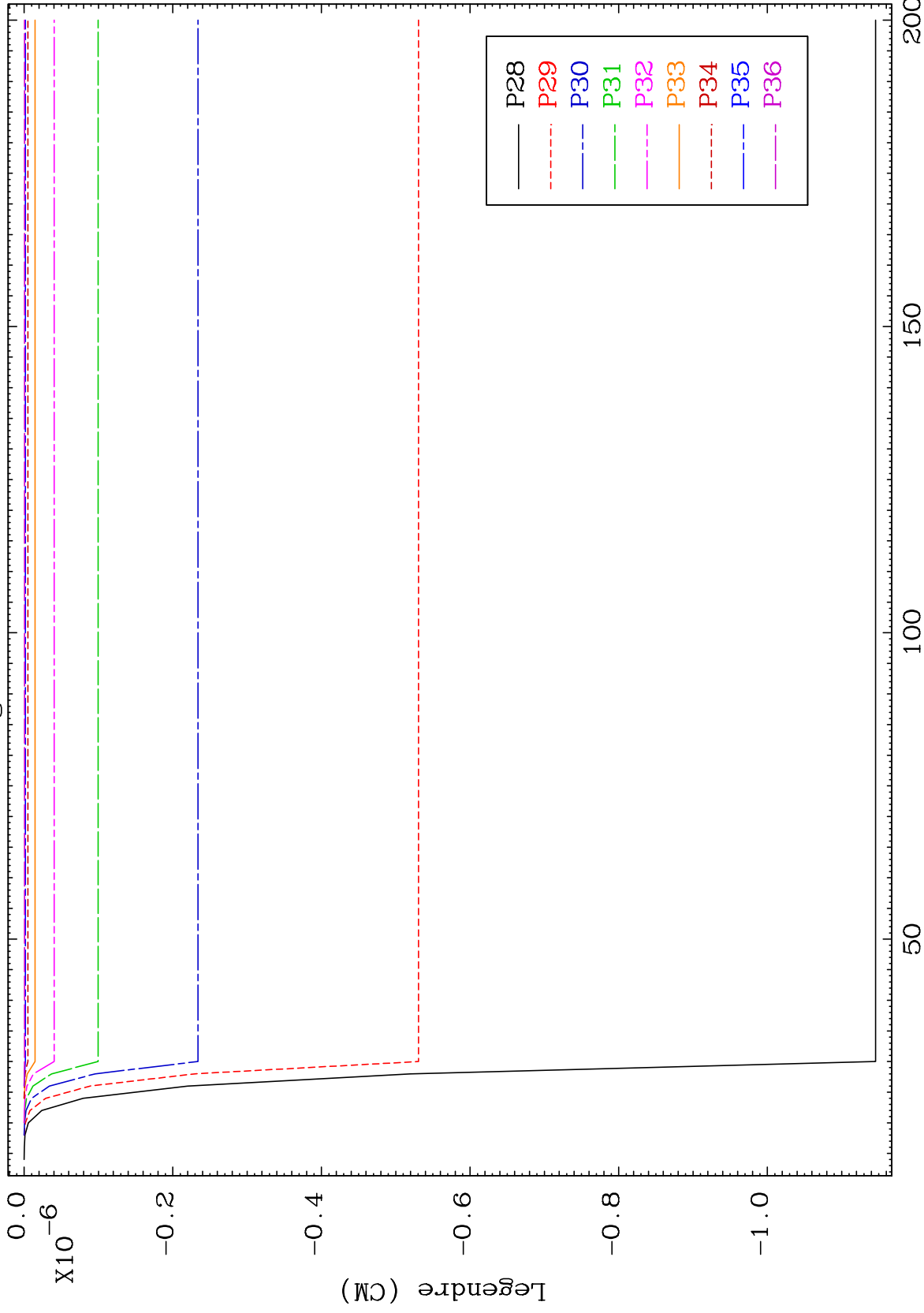
63

84-Po-196

MAT 8395

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

84-Po-196



84-Po-196

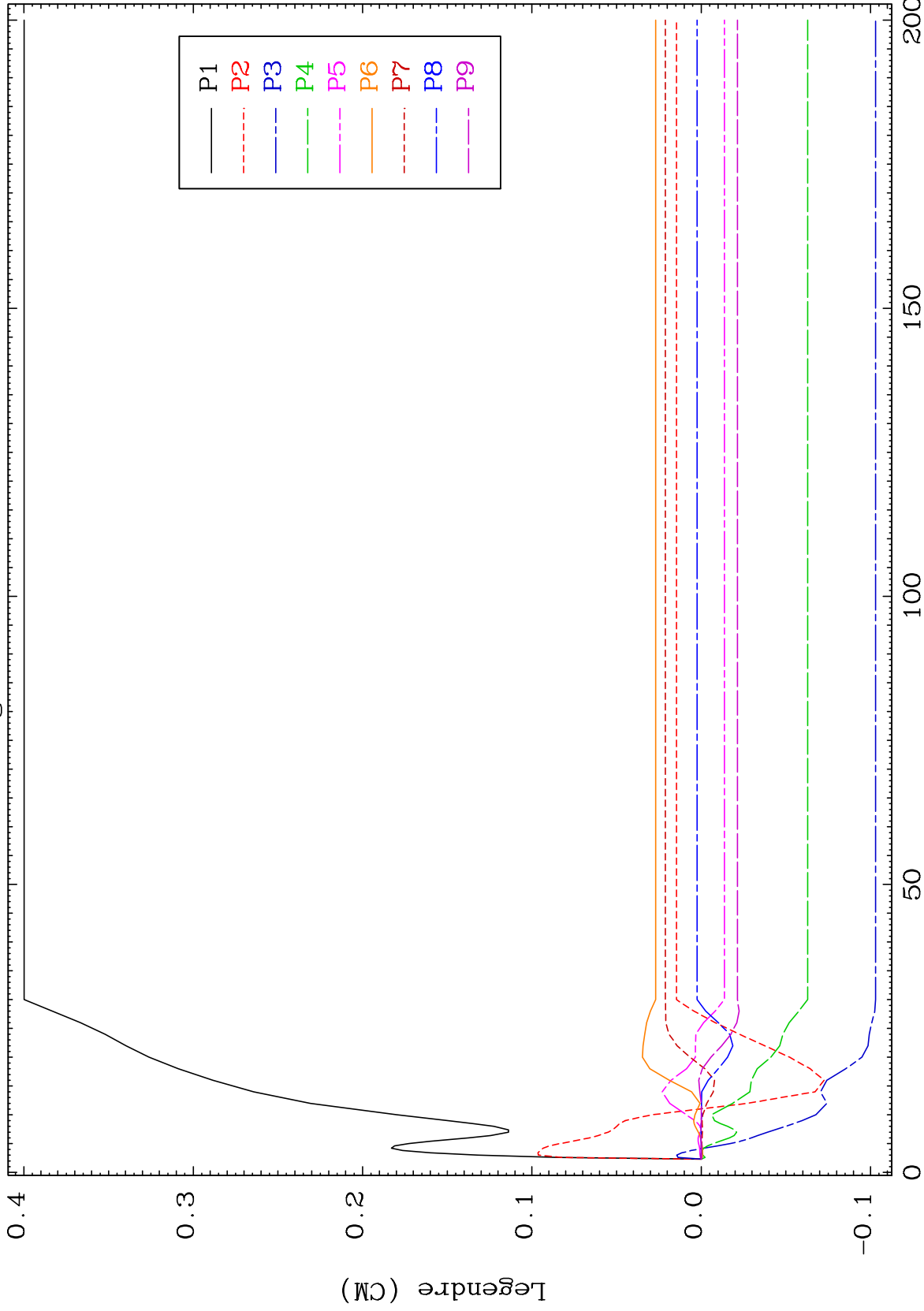
Incident Energy (MeV)

64

MAT 8395

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

84-Po-196



65

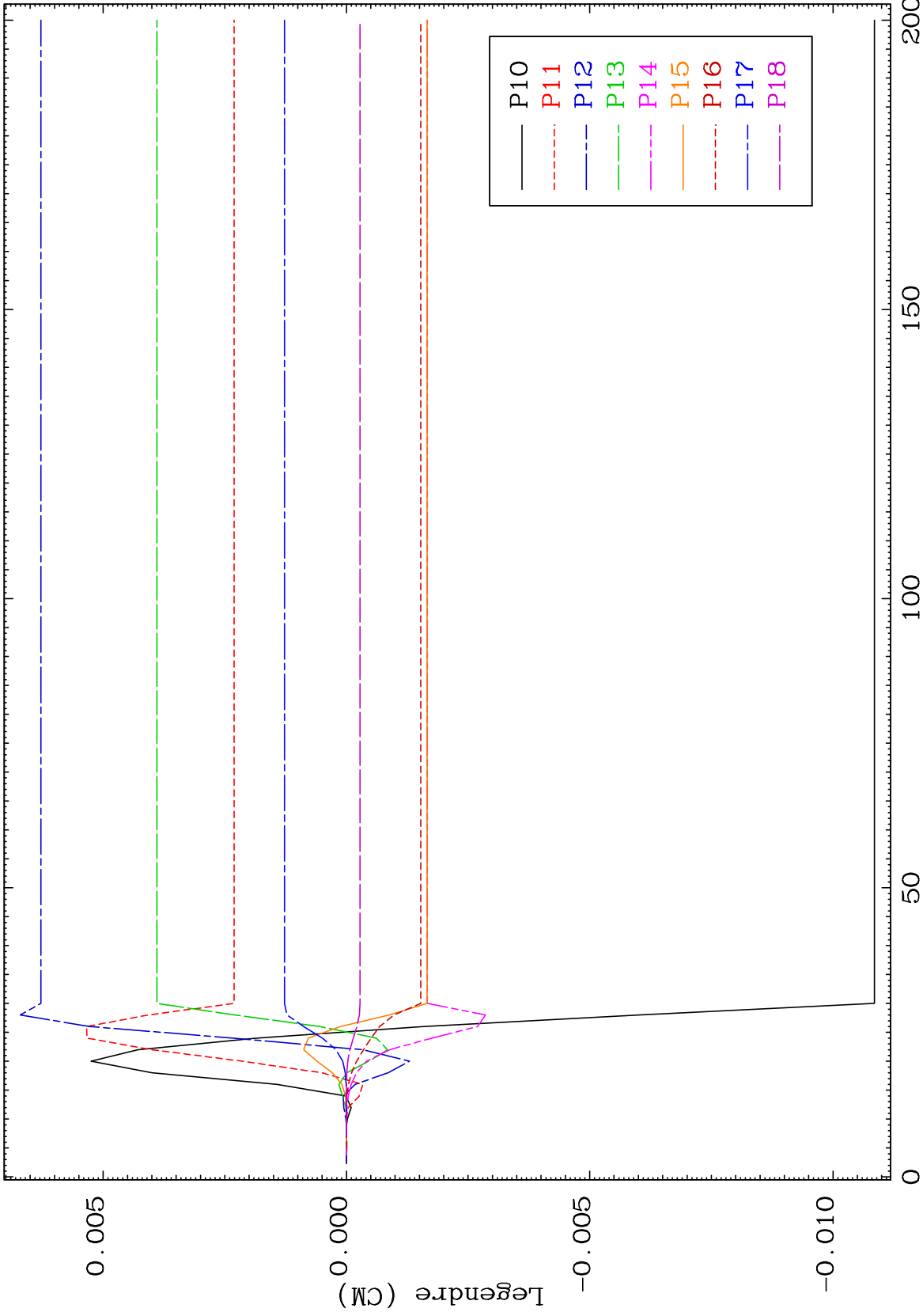
84-Po-196

84-Po-196

MAT 8395

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

84-Po-196



66

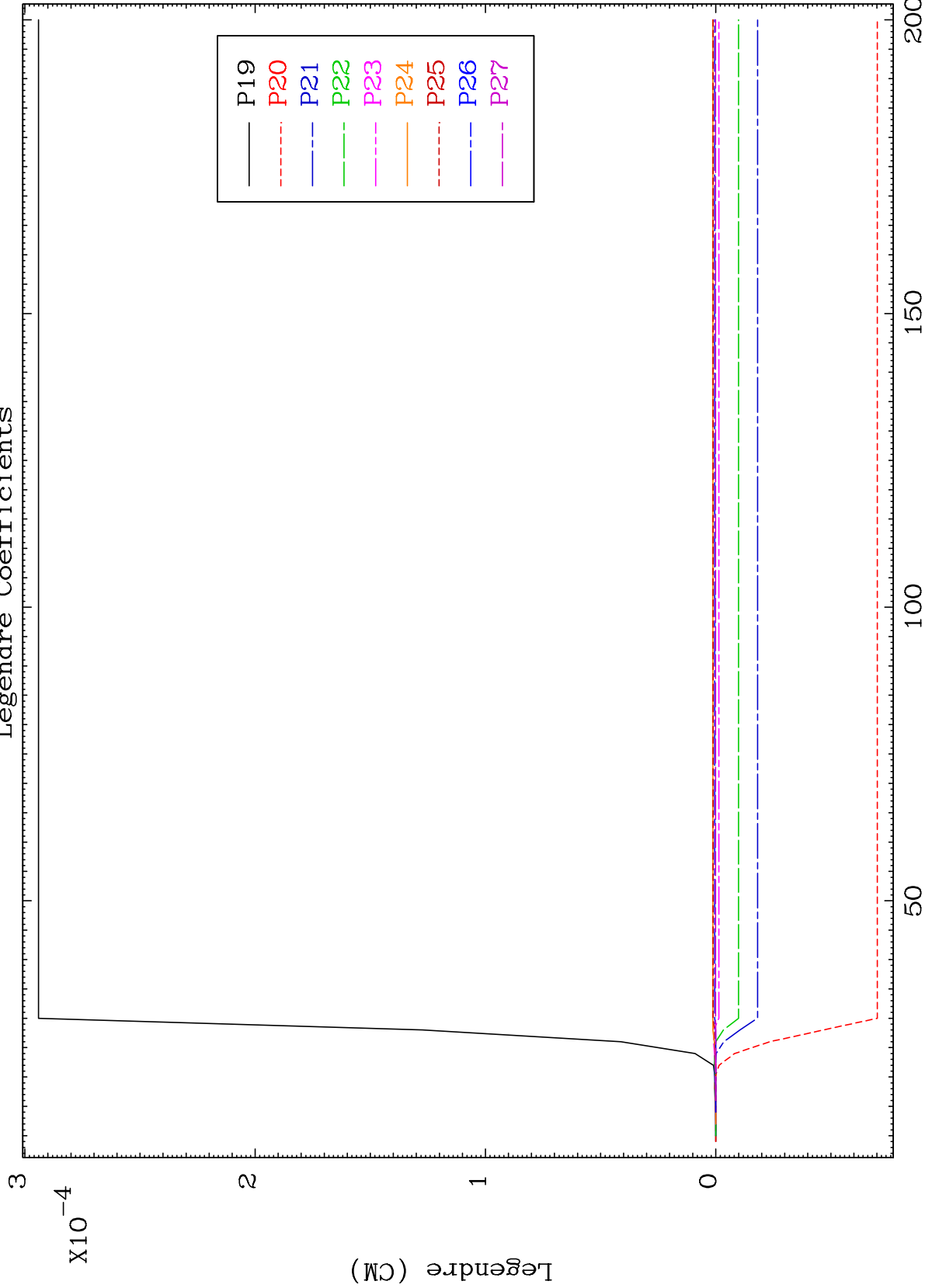
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



67

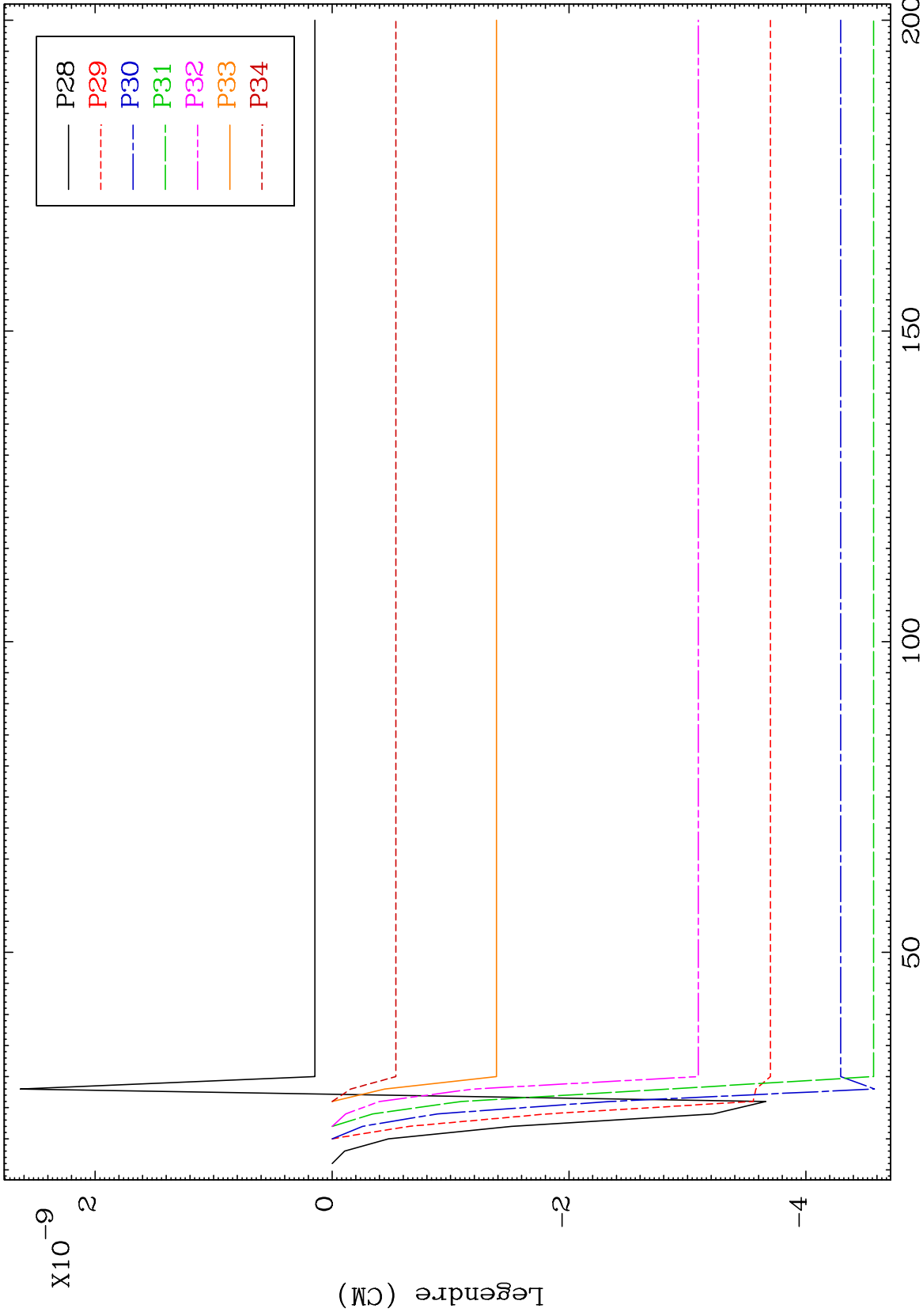
84-Po-196

84-Po-196

MAT 8395

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

84-Po-196



68

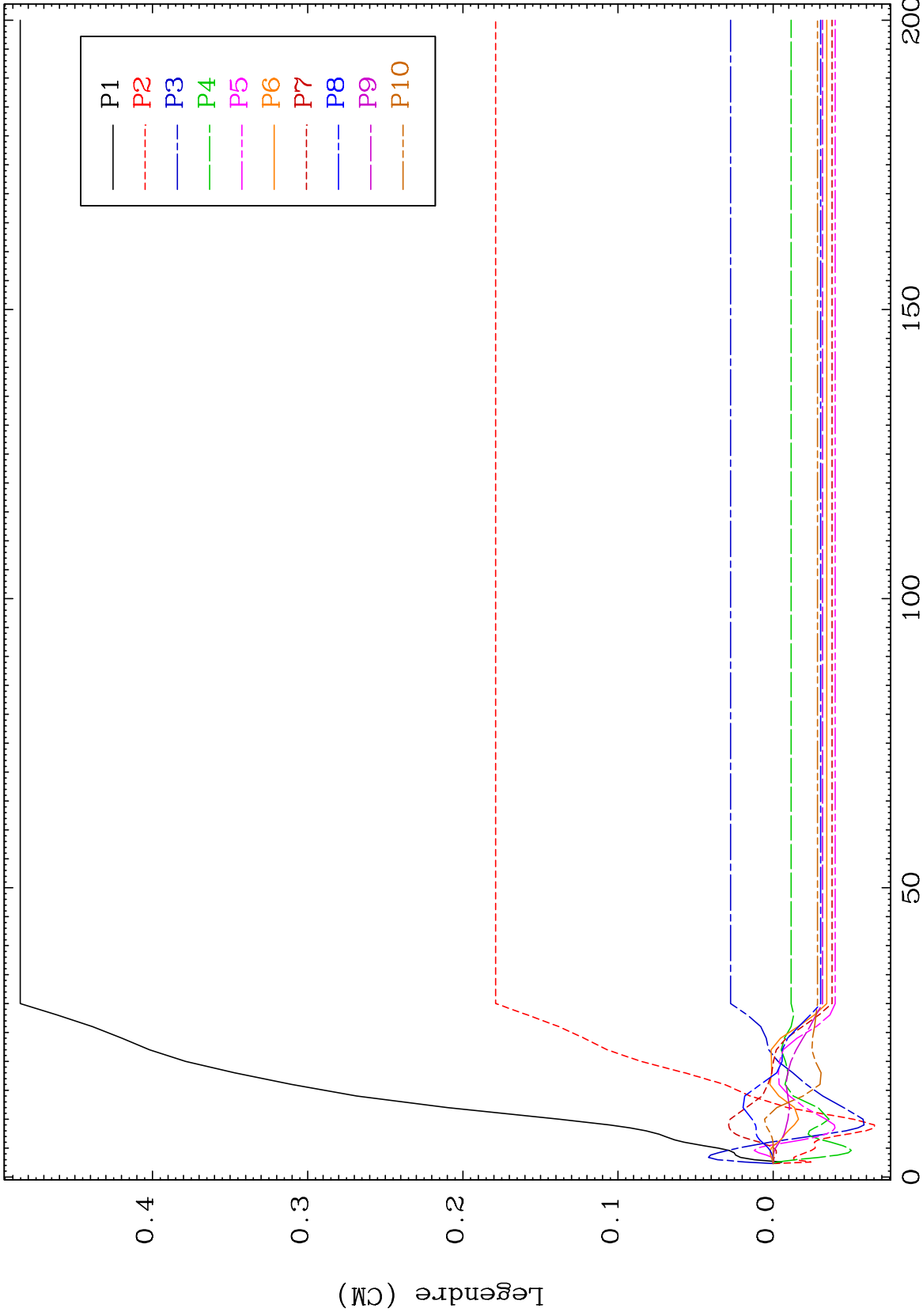
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



69

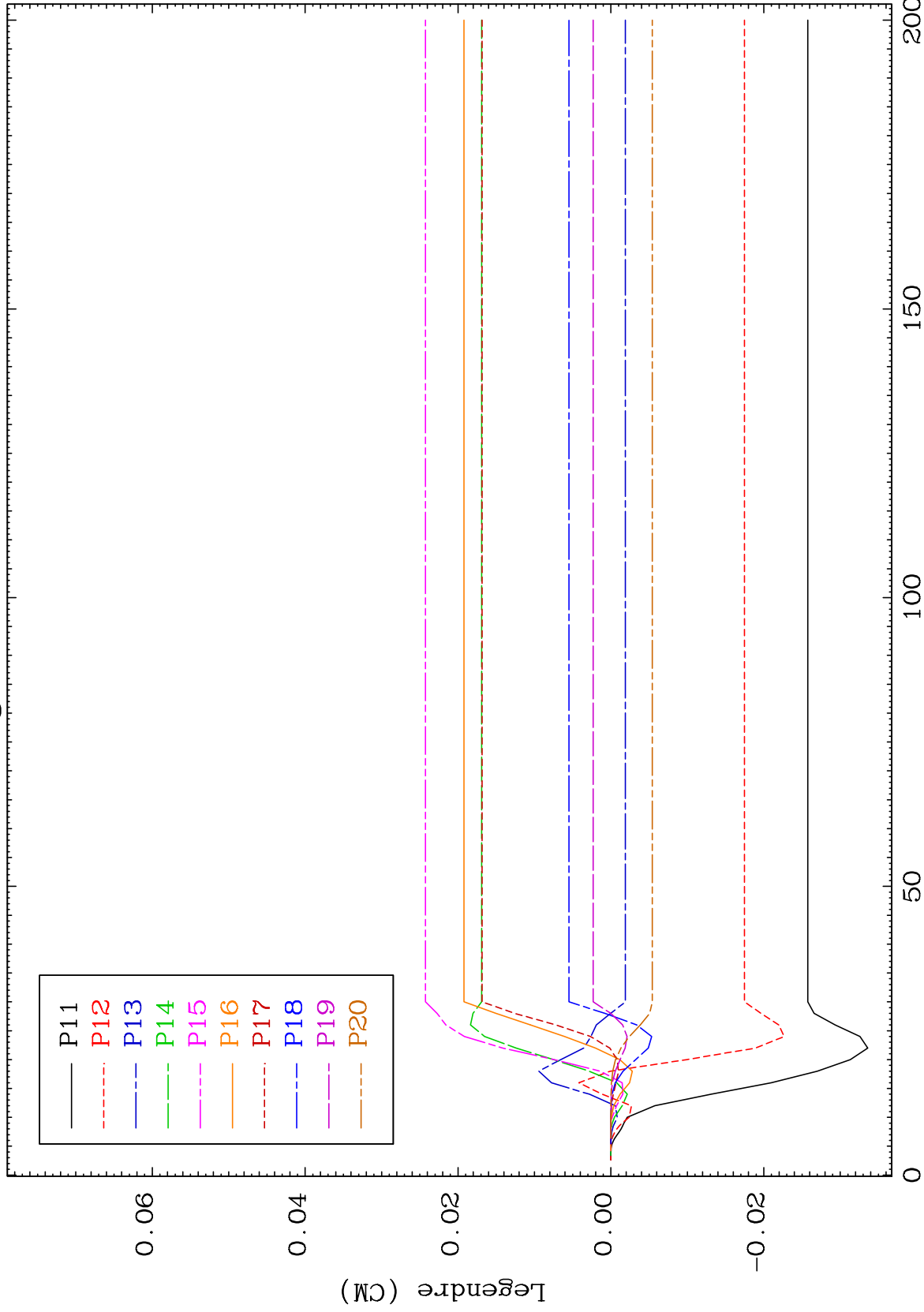
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



70

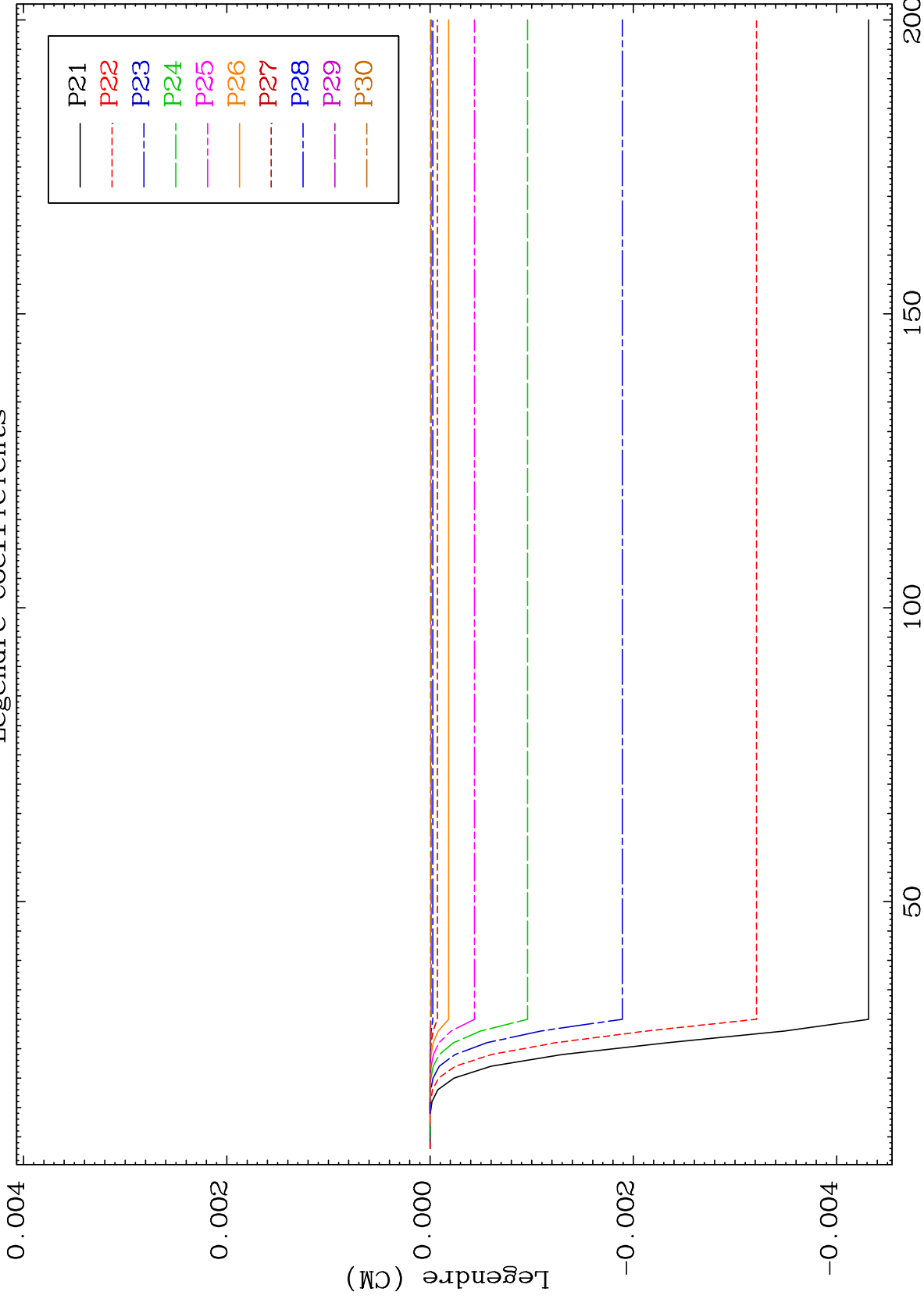
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



71

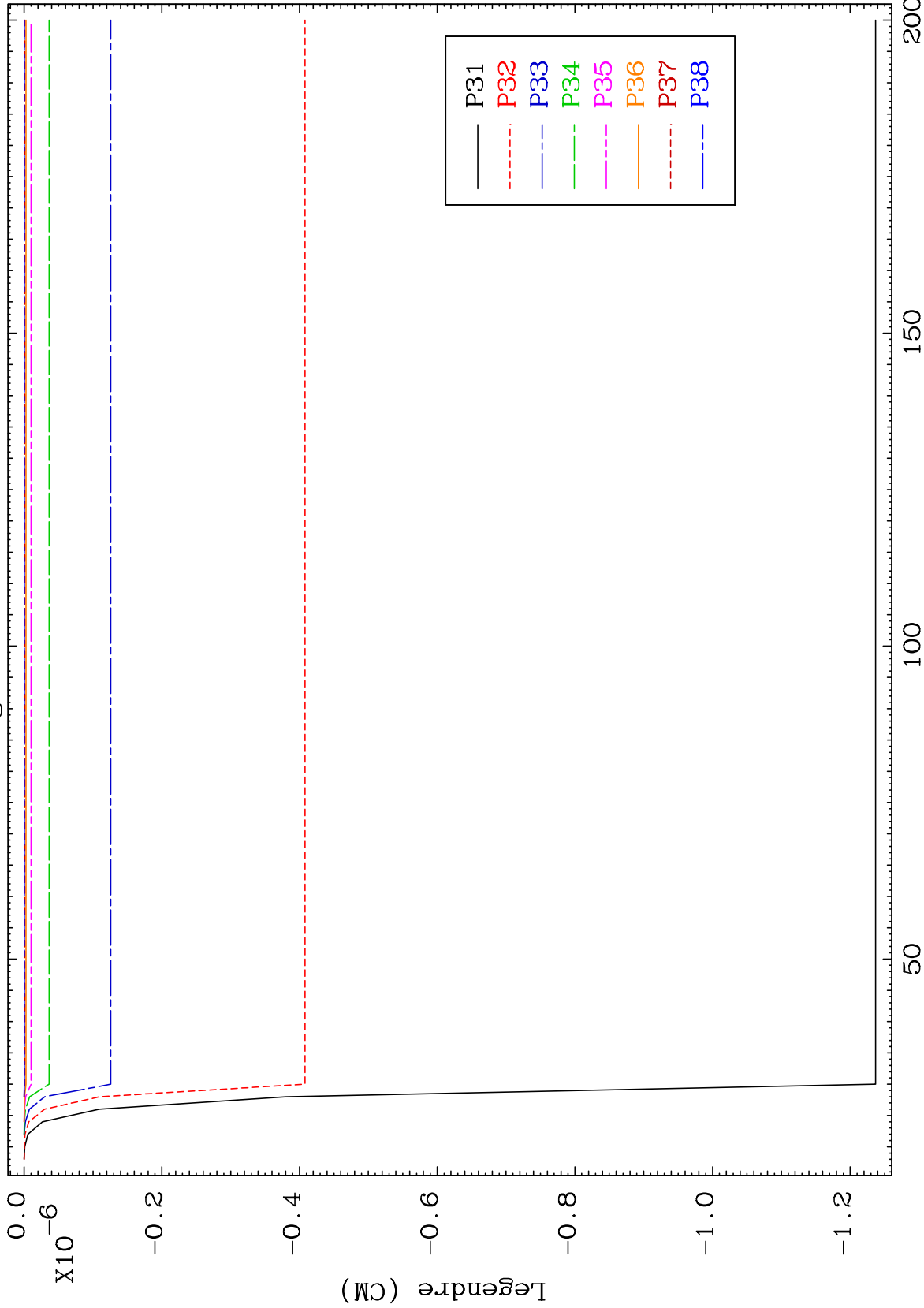
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



72

Incident Energy (MeV)

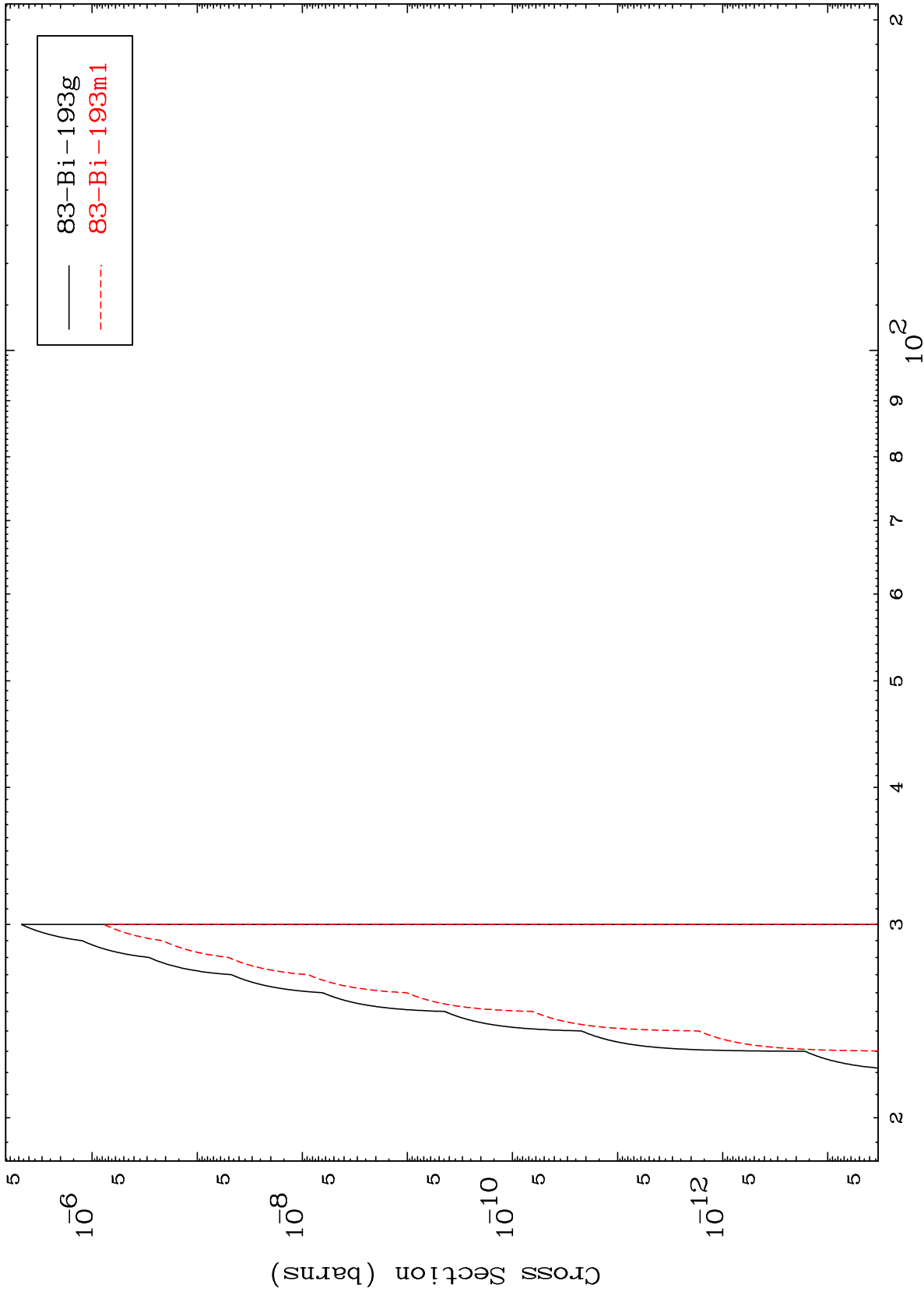
84-Po-196

MAT 8395

(n,2n) d

84-Po-196

Radionuclide Production Cross Section



73

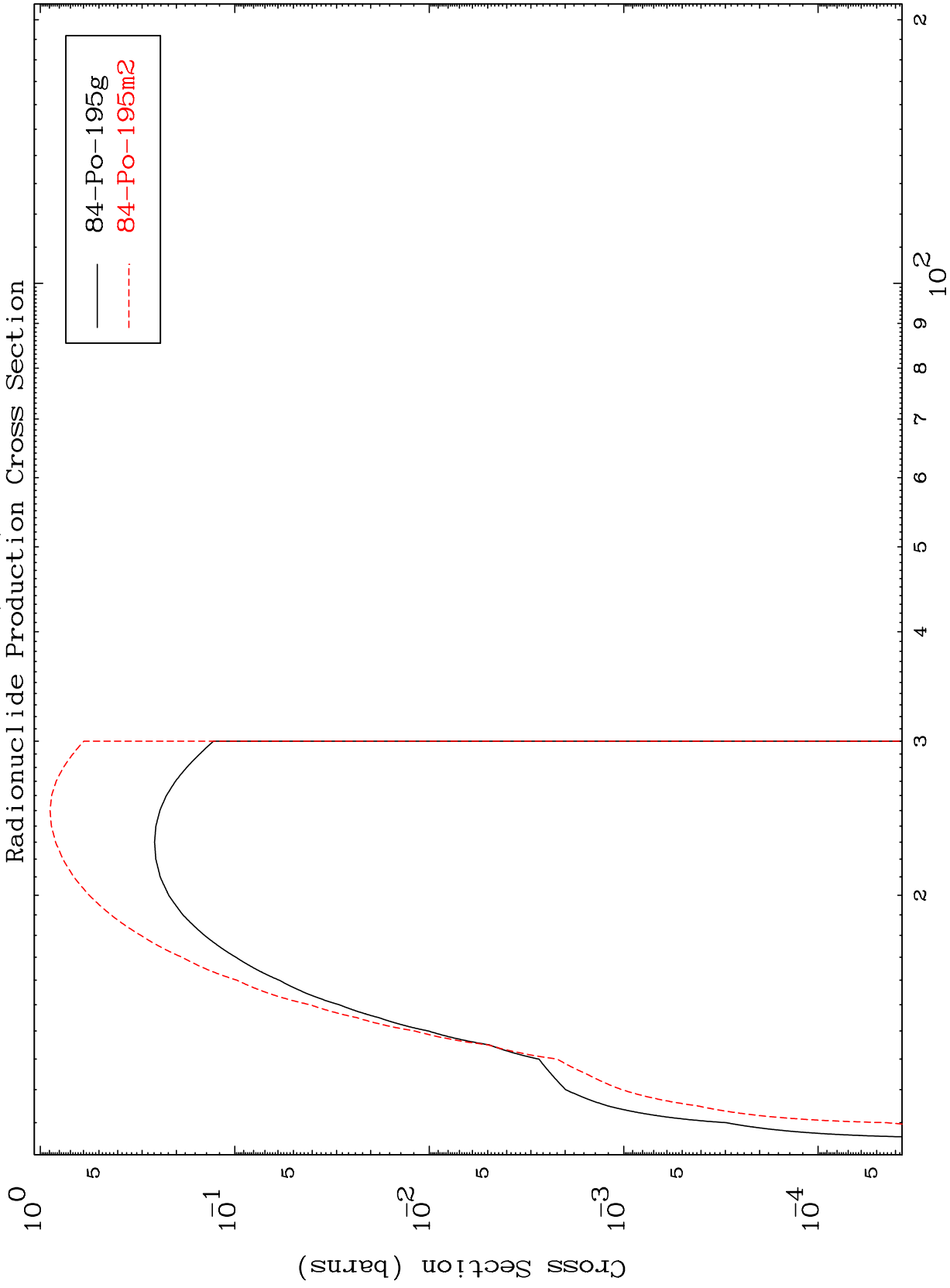
Incident Energy (MeV)

84-Po-196

MAT 8395

84-Po-196

(n,2n)
Radionuclide Production Cross Section



74

Incident Energy (MeV)

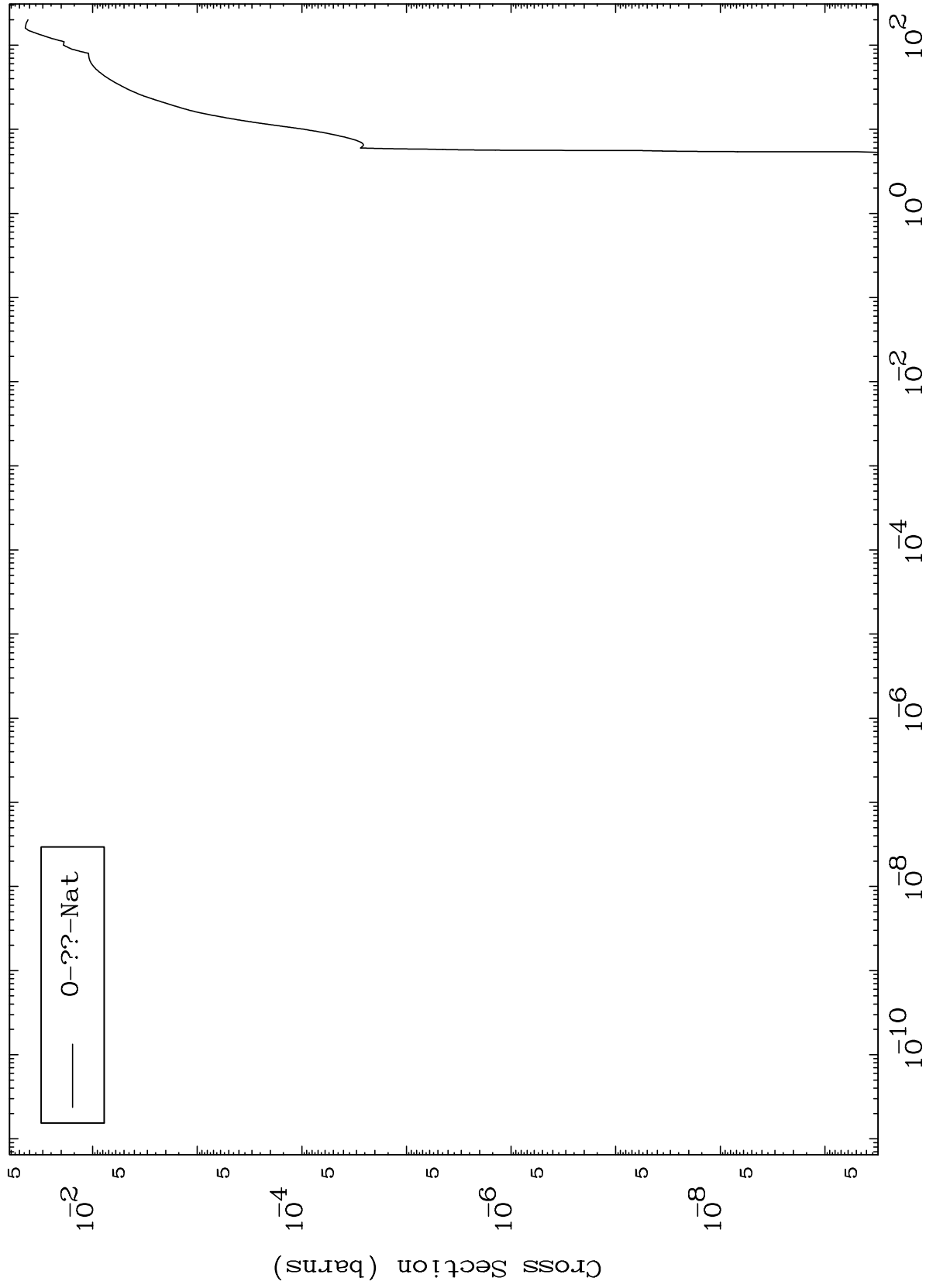
84-Po-196

MAT 8395

Fission

84-Po-196

Radionuclide Production Cross Section



75

Incident Energy (MeV)

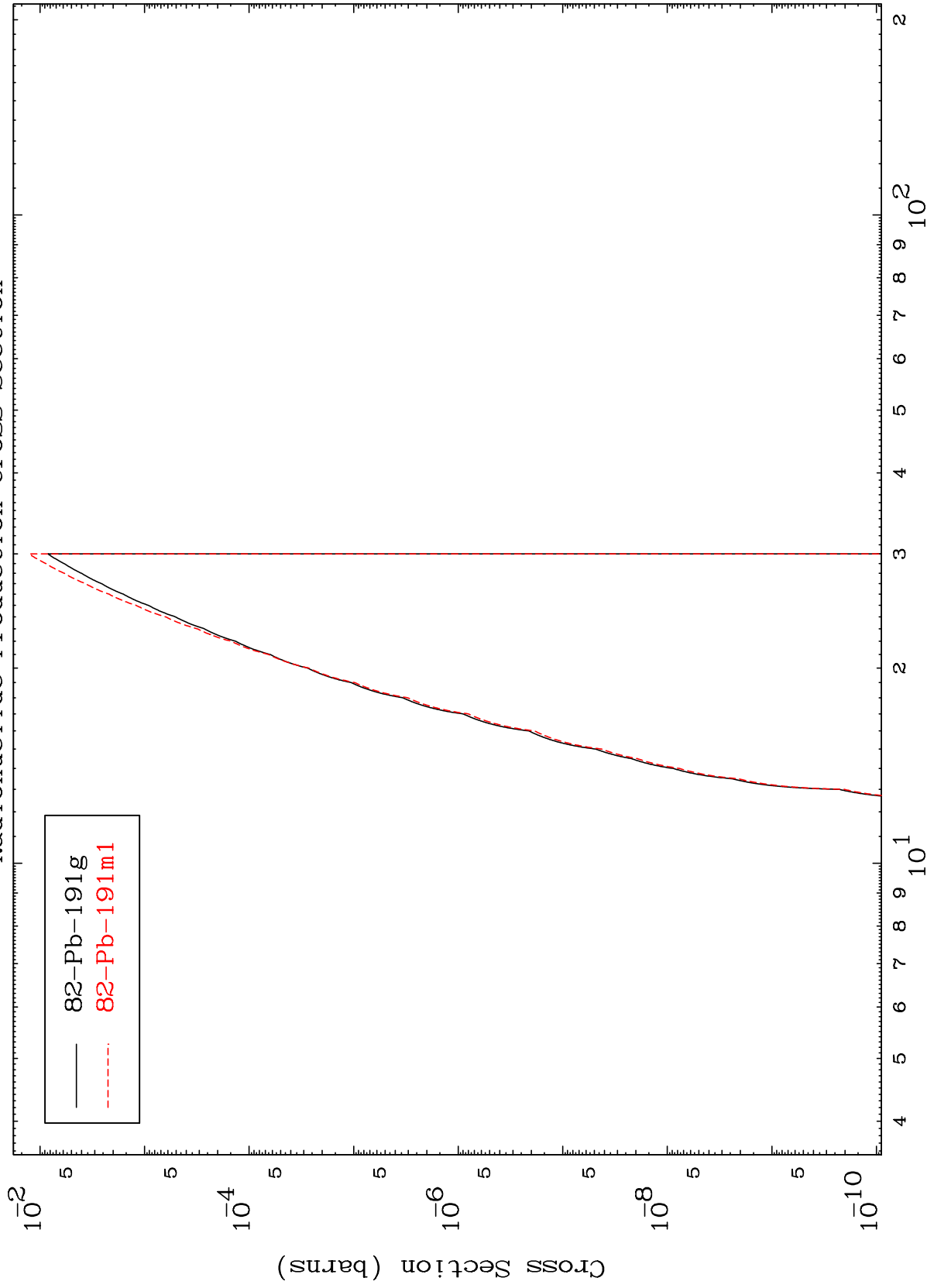
84-Po-196

MAT 8395

(n,2n) α

84-Po-196

Radionuclide Production Cross Section



82-Pb-191g
82-Pb-191m1

76

Incident Energy (MeV)

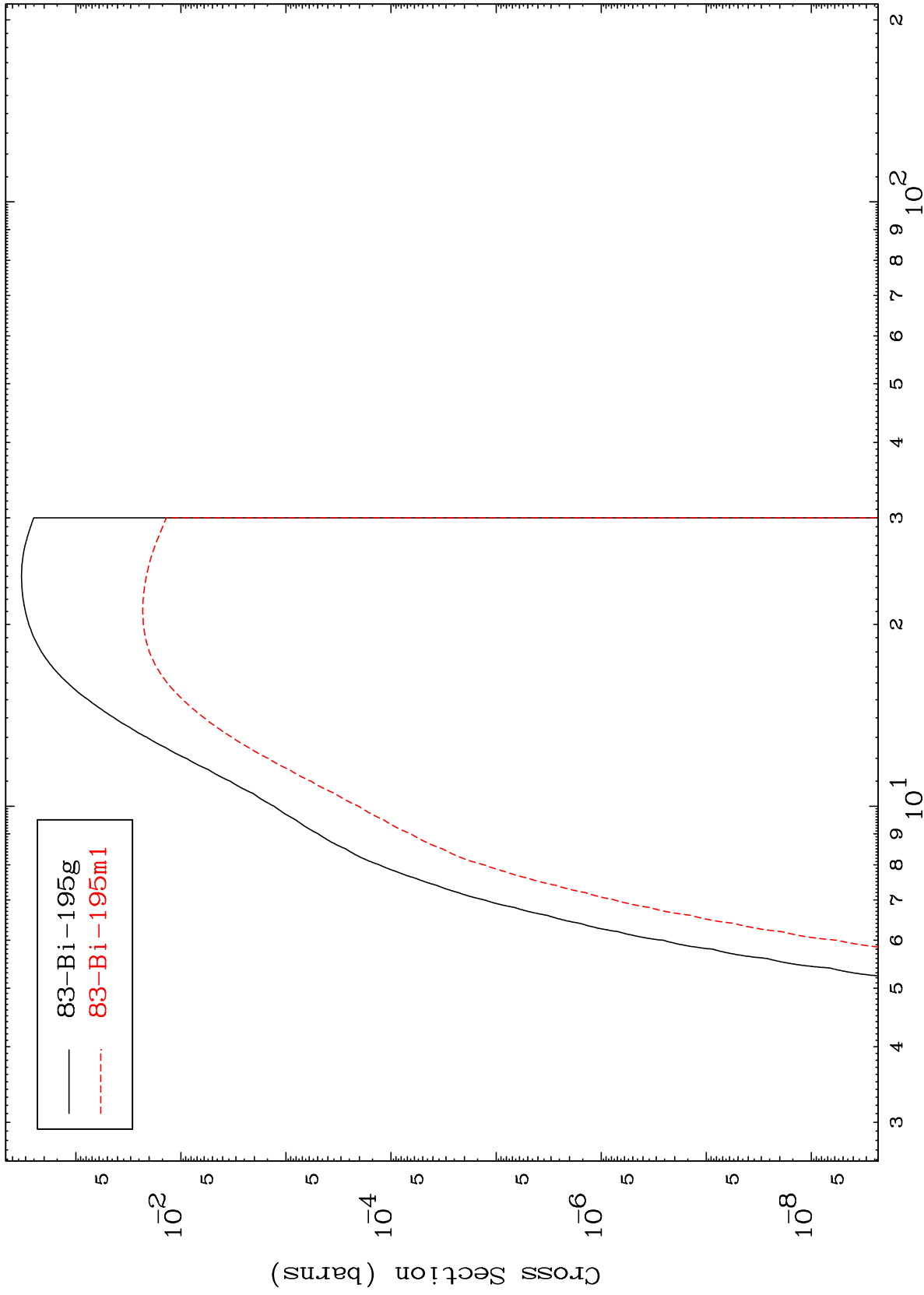
84-Po-196

MAT 8395

(n,n') p

84-Po-196

Radionuclide Production Cross Section



77

Incident Energy (MeV)

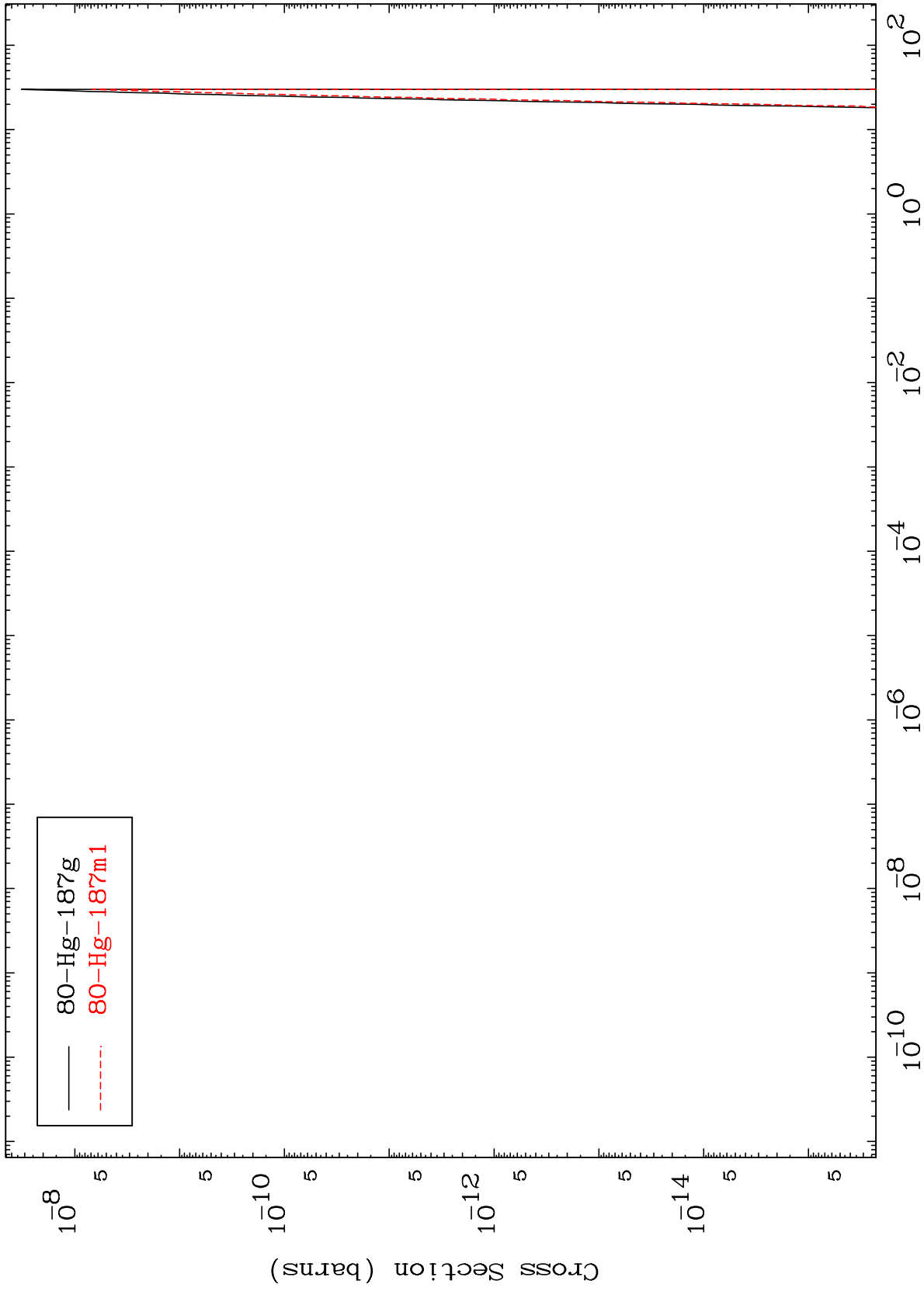
84-Po-196

MAT 8395

(n,2n) 2 α

84-Po-196

Radionuclide Production Cross Section



78

Incident Energy (MeV)

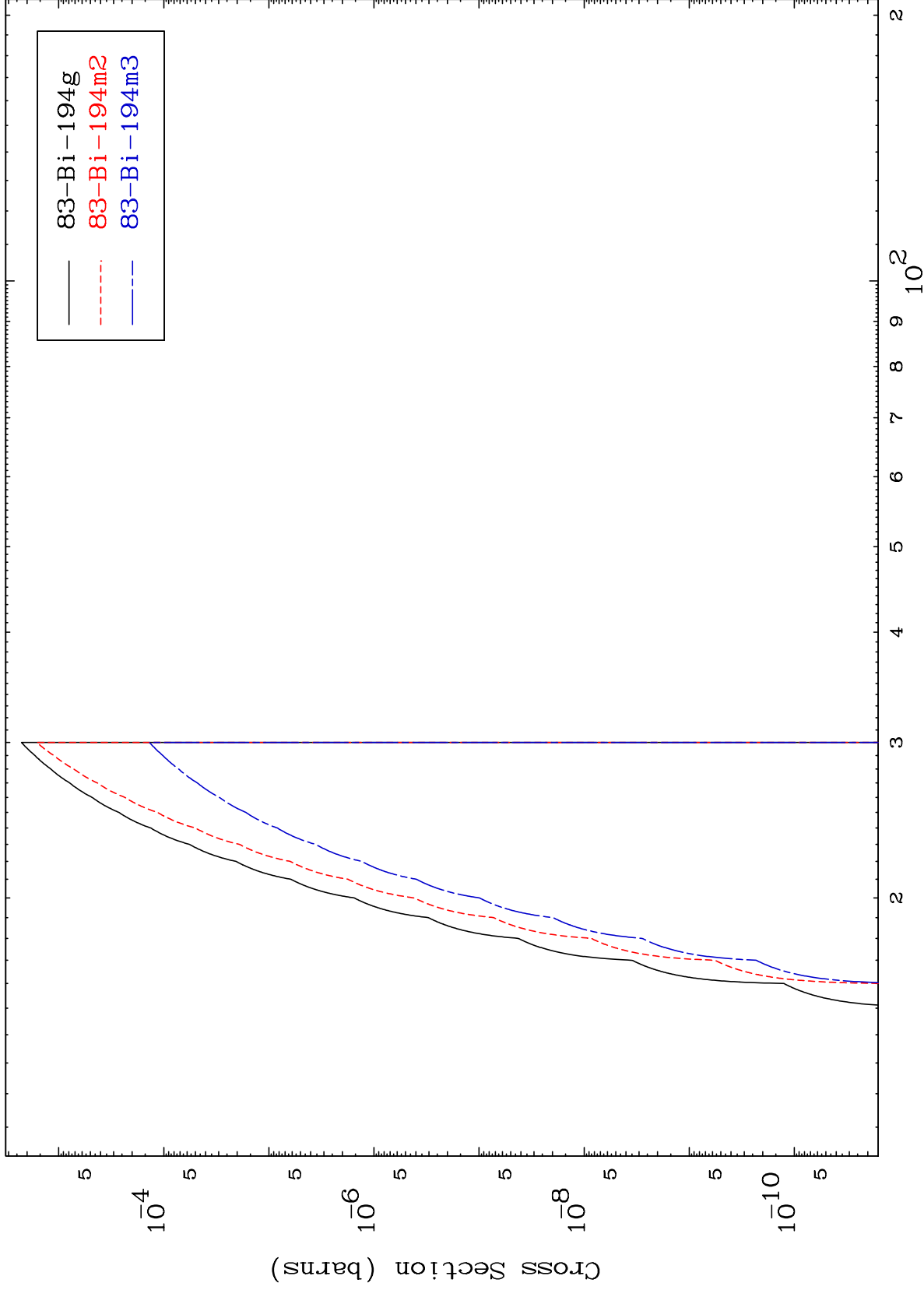
84-Po-196

MAT 8395

(n,n') d

84-Po-196

Radionuclide Production Cross Section



79

Incident Energy (MeV)

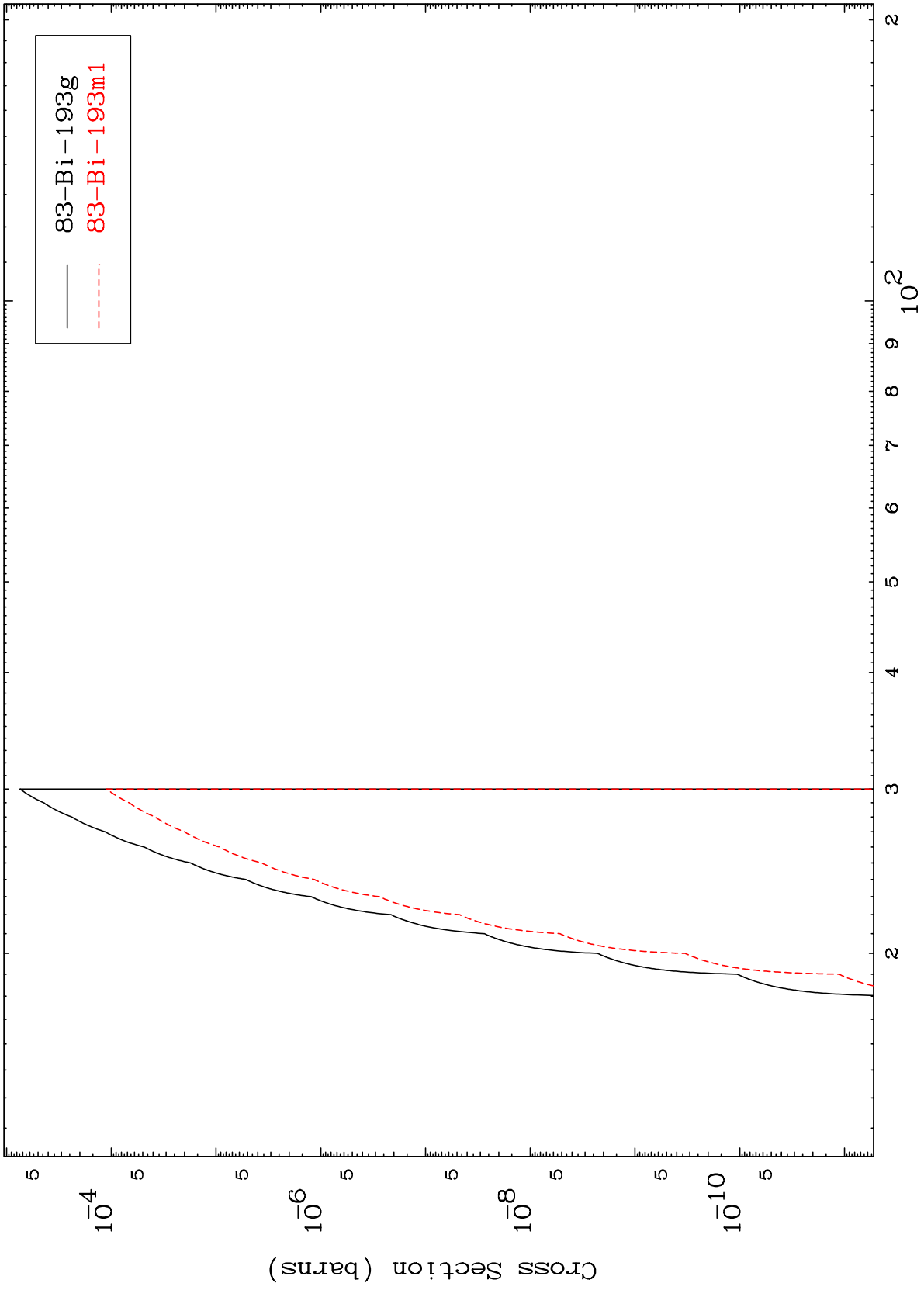
84-Po-196

MAT 8395

(n,n') t

84-Po-196

Radionuclide Production Cross Section



80

Incident Energy (MeV)

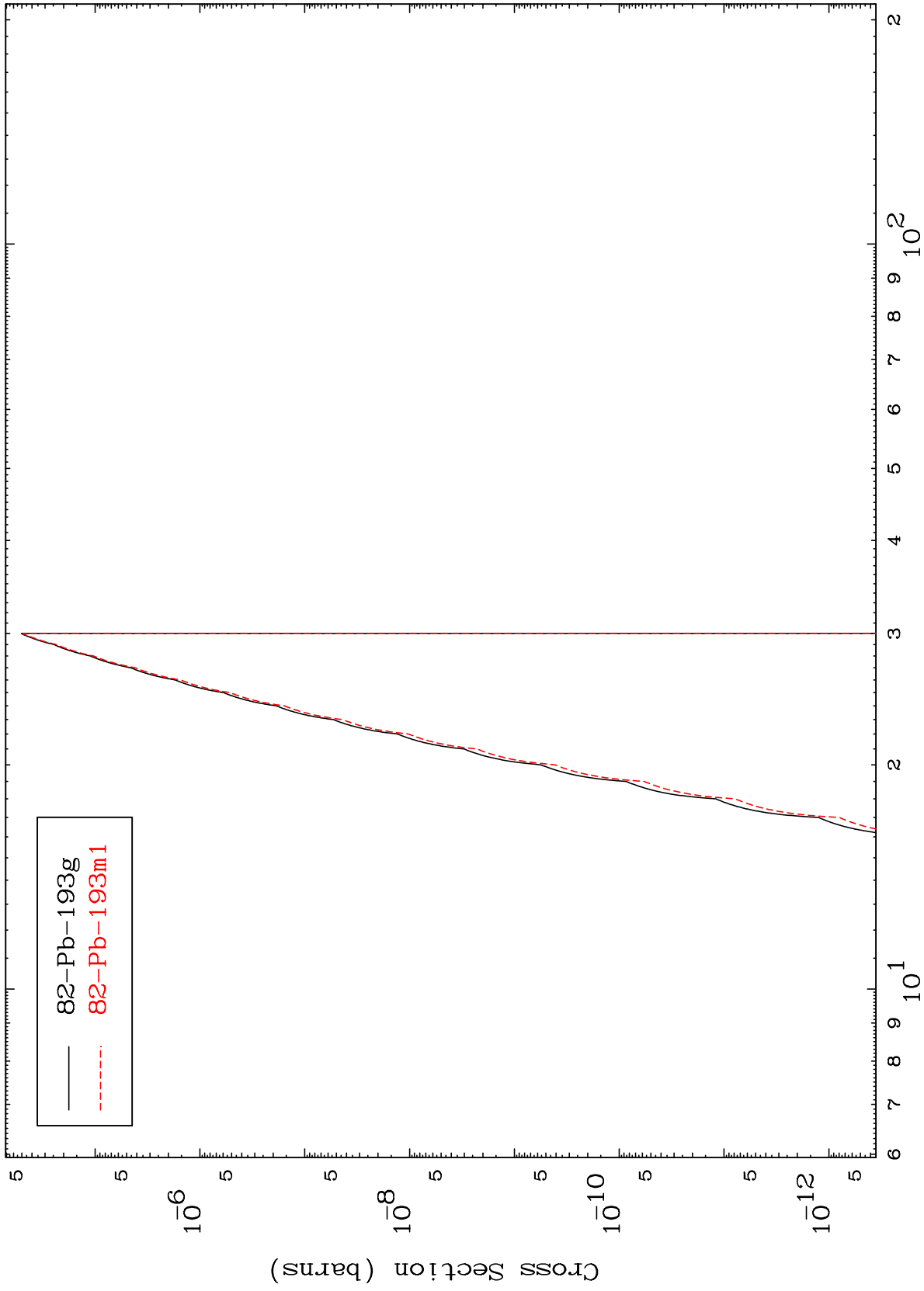
84-Po-196

MAT 8395

(n, n') He-3

84-Po-196

Radionuclide Production Cross Section



82-Pb-193g
82-Pb-193m1

81

Incident Energy (MeV)

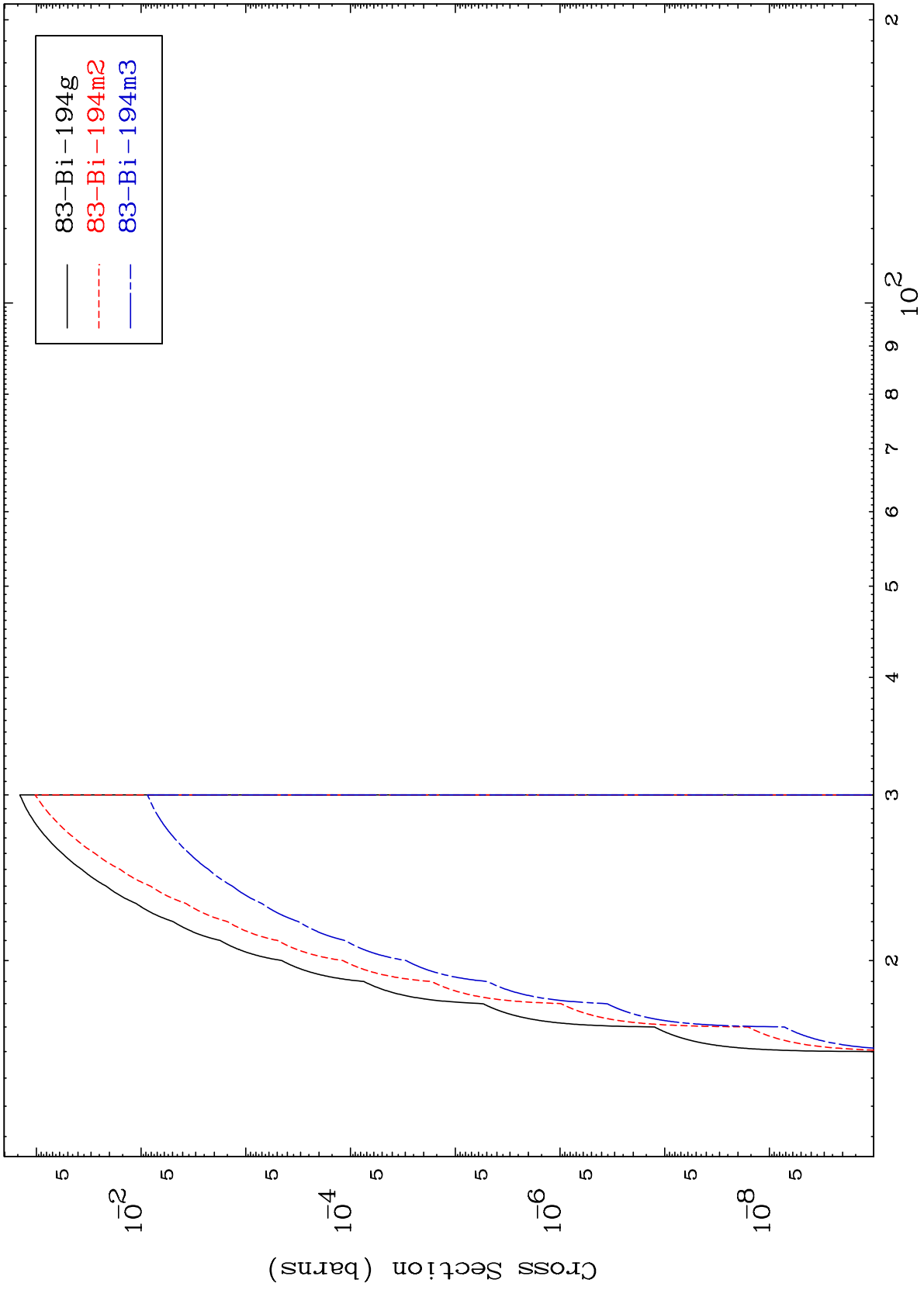
84-Po-196

MAT 8395

(n,2n) p

84-Po-196

Radionuclide Production Cross Section



82

Incident Energy (MeV)

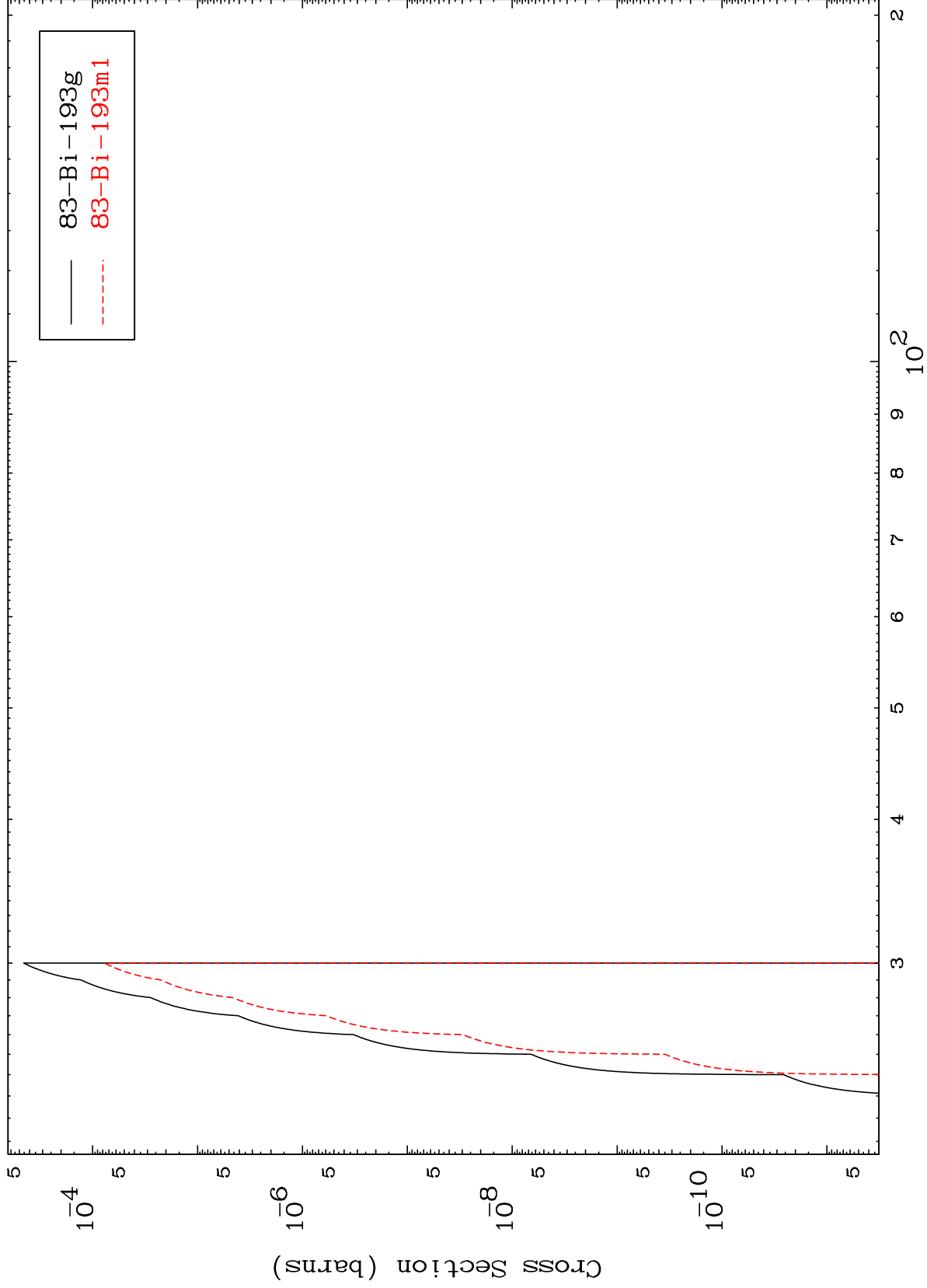
84-Po-196

MAT 8395

(n,3n) p

84-Po-196

Radionuclide Production Cross Section



83

Incident Energy (MeV)

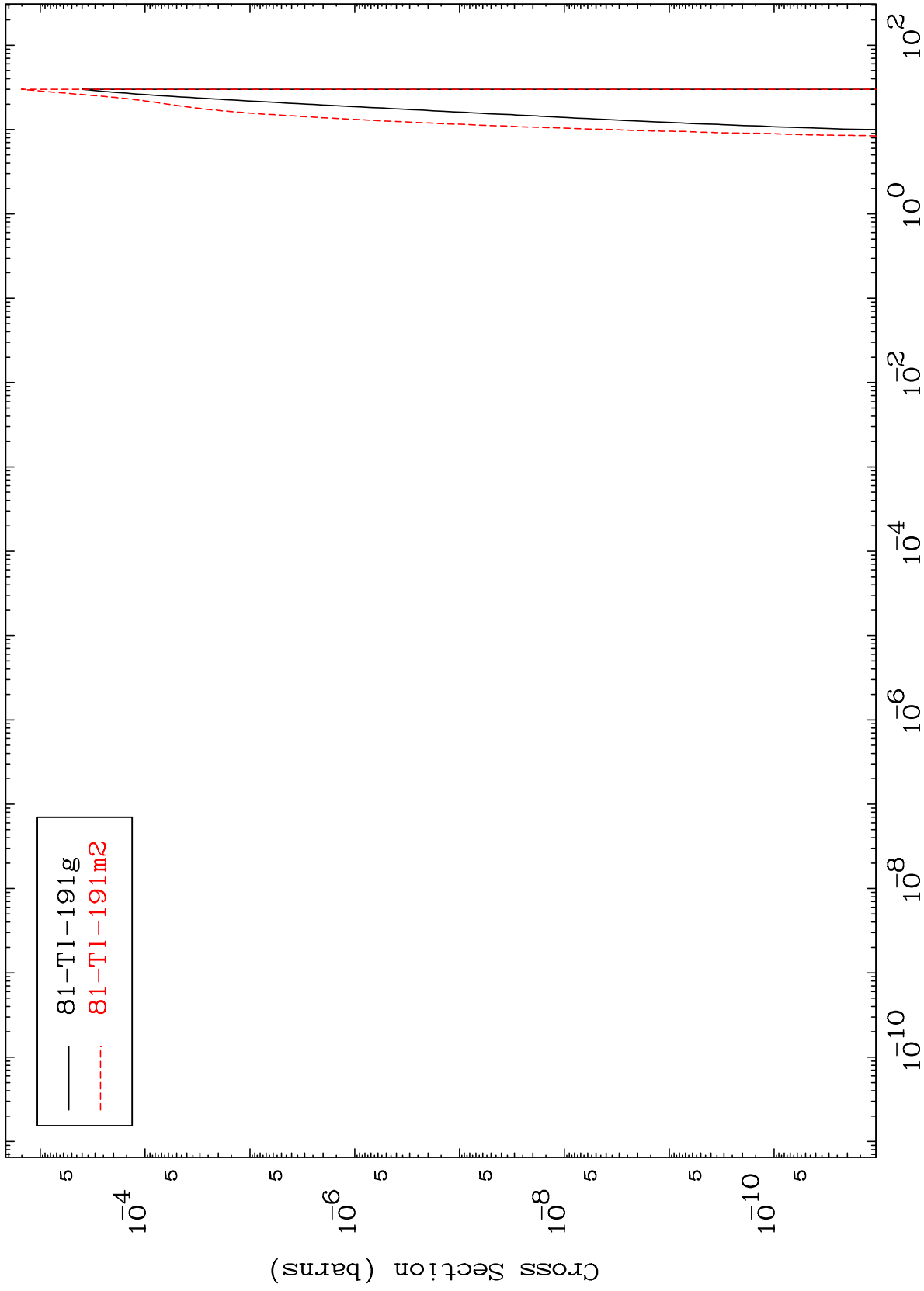
84-Po-196

MAT 8395

(n,n') p α

84-Po-196

Radionuclide Production Cross Section



84

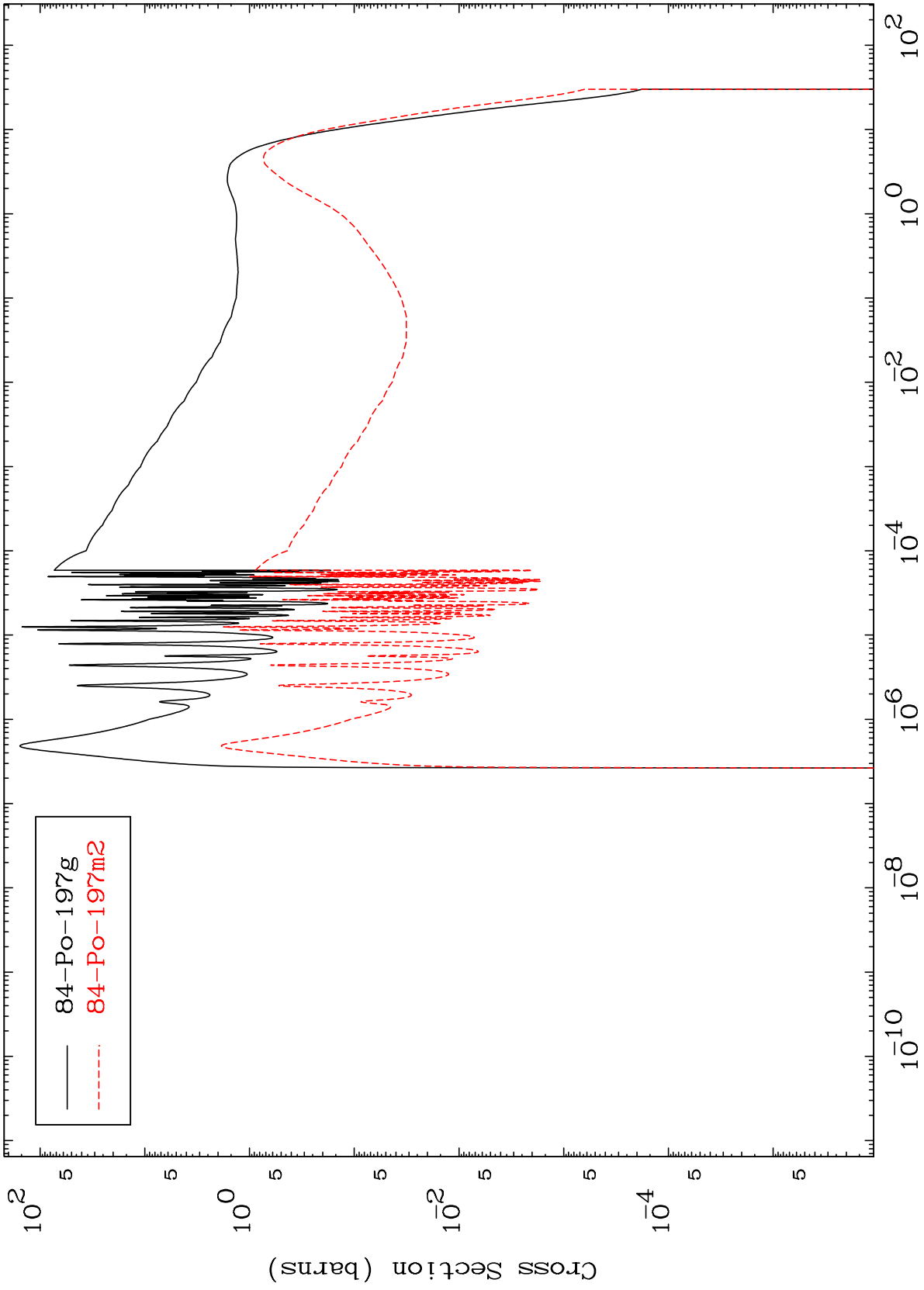
Incident Energy (MeV)

84-Po-196

MAT 8395

84-Po-196

(n,γ)
Radionuclide Production Cross Section



85

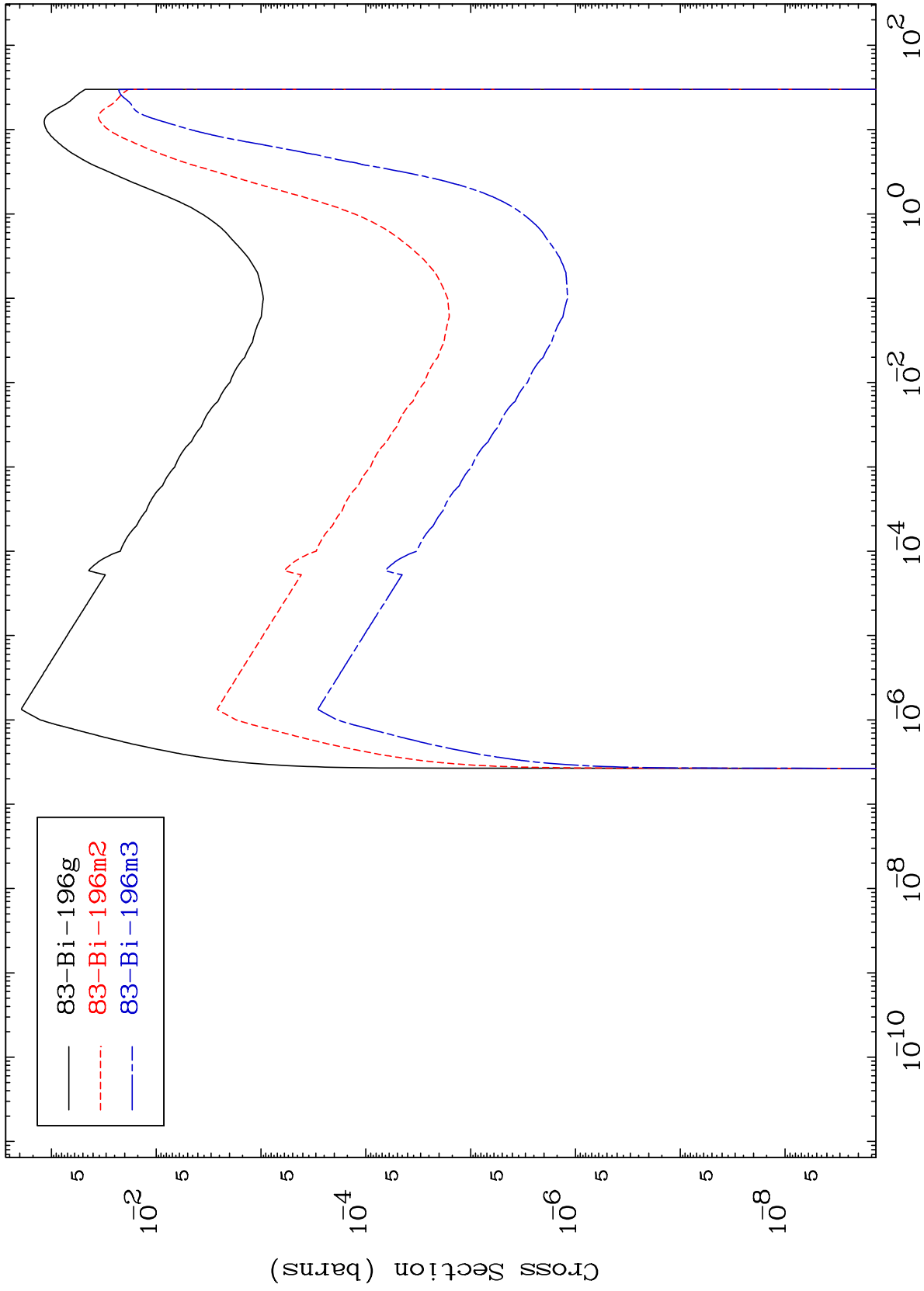
84-Po-196

MAT 8395

(n,p)

84-Po-196

Radionuclide Production Cross Section



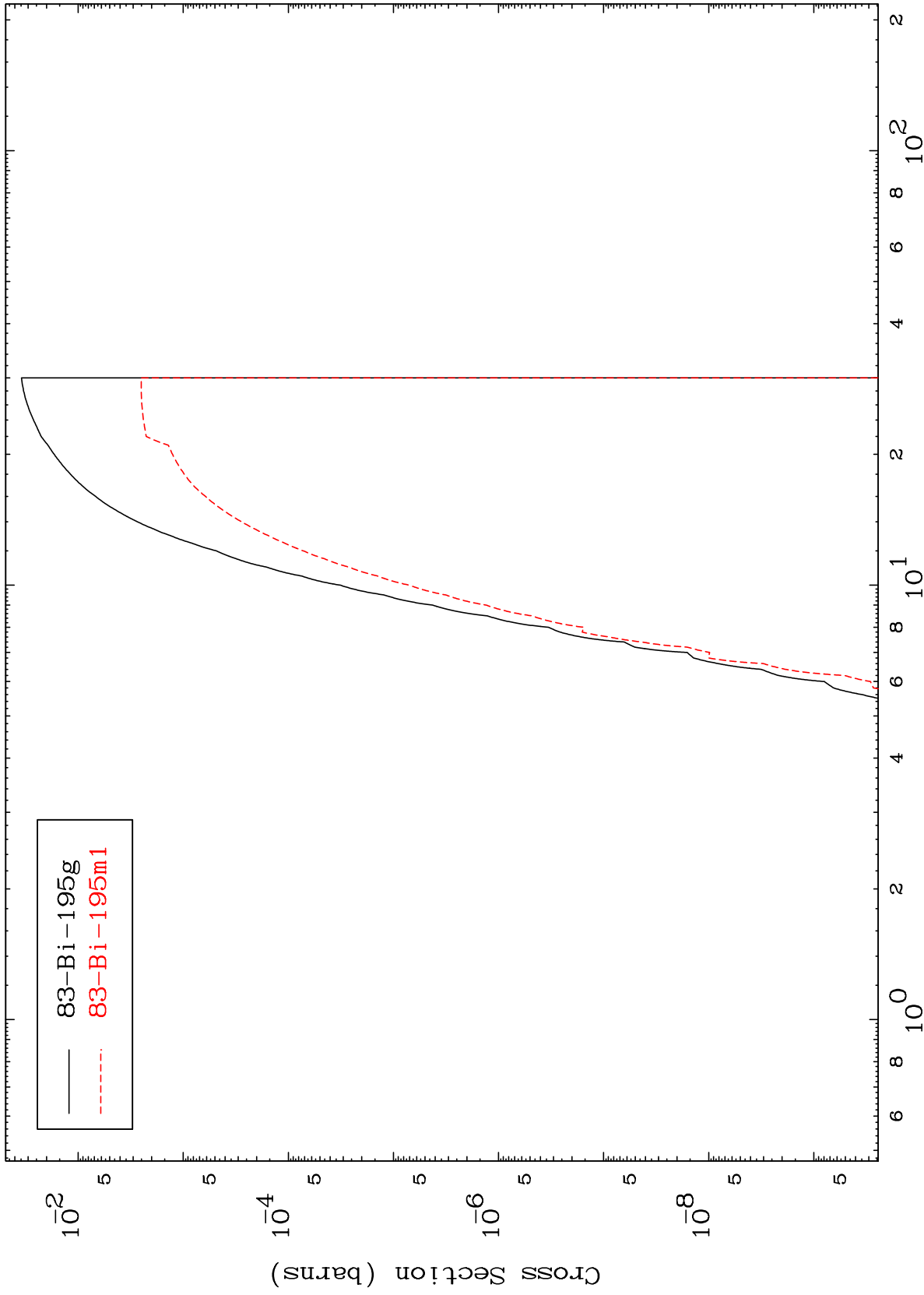
86

MAT 8395

(n,d)

84-Po-196

Radionuclide Production Cross Section



83-Bi-195g
83-Bi-195m1

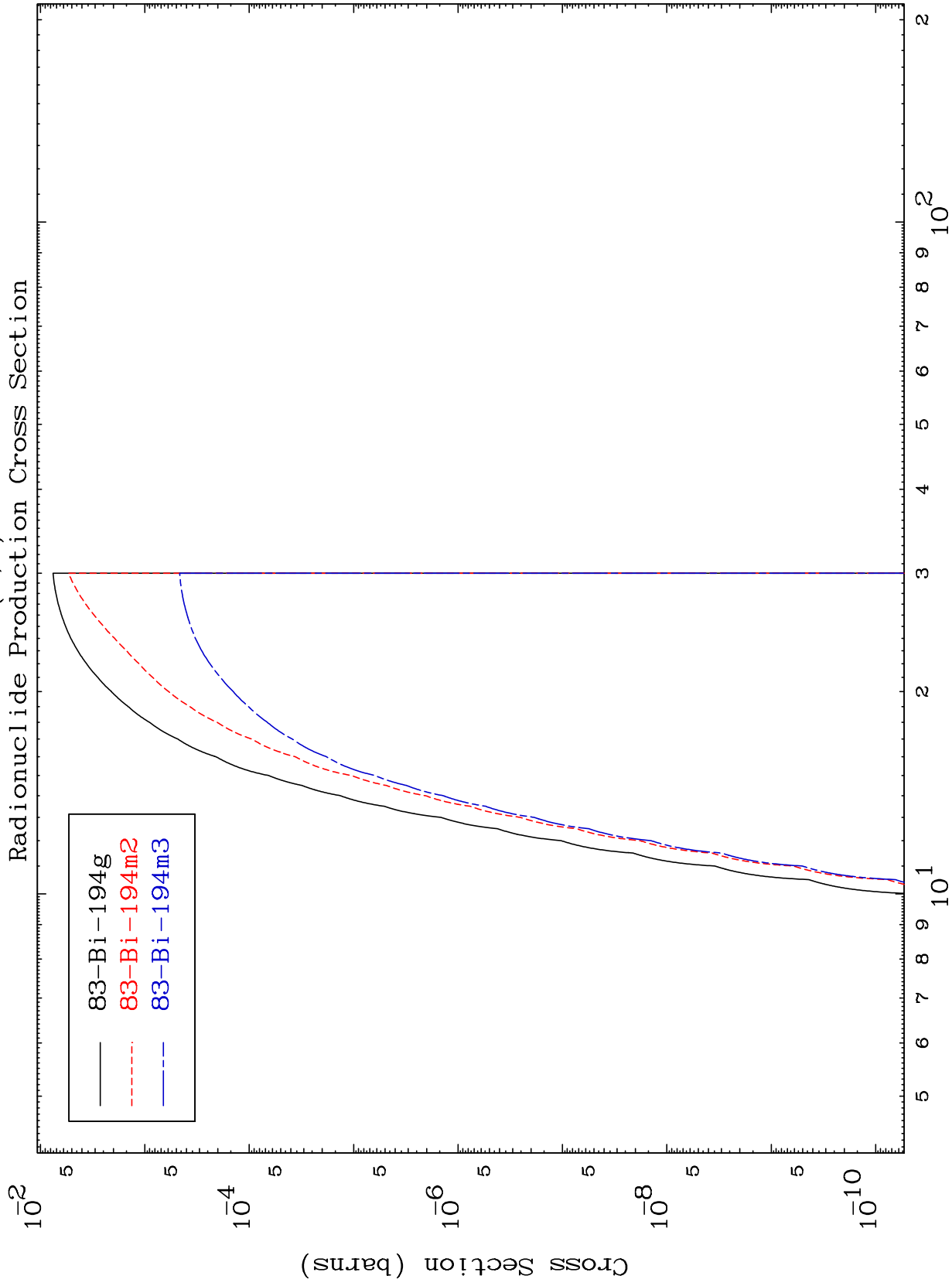
87

Incident Energy (MeV)

84-Po-196

MAT 8395

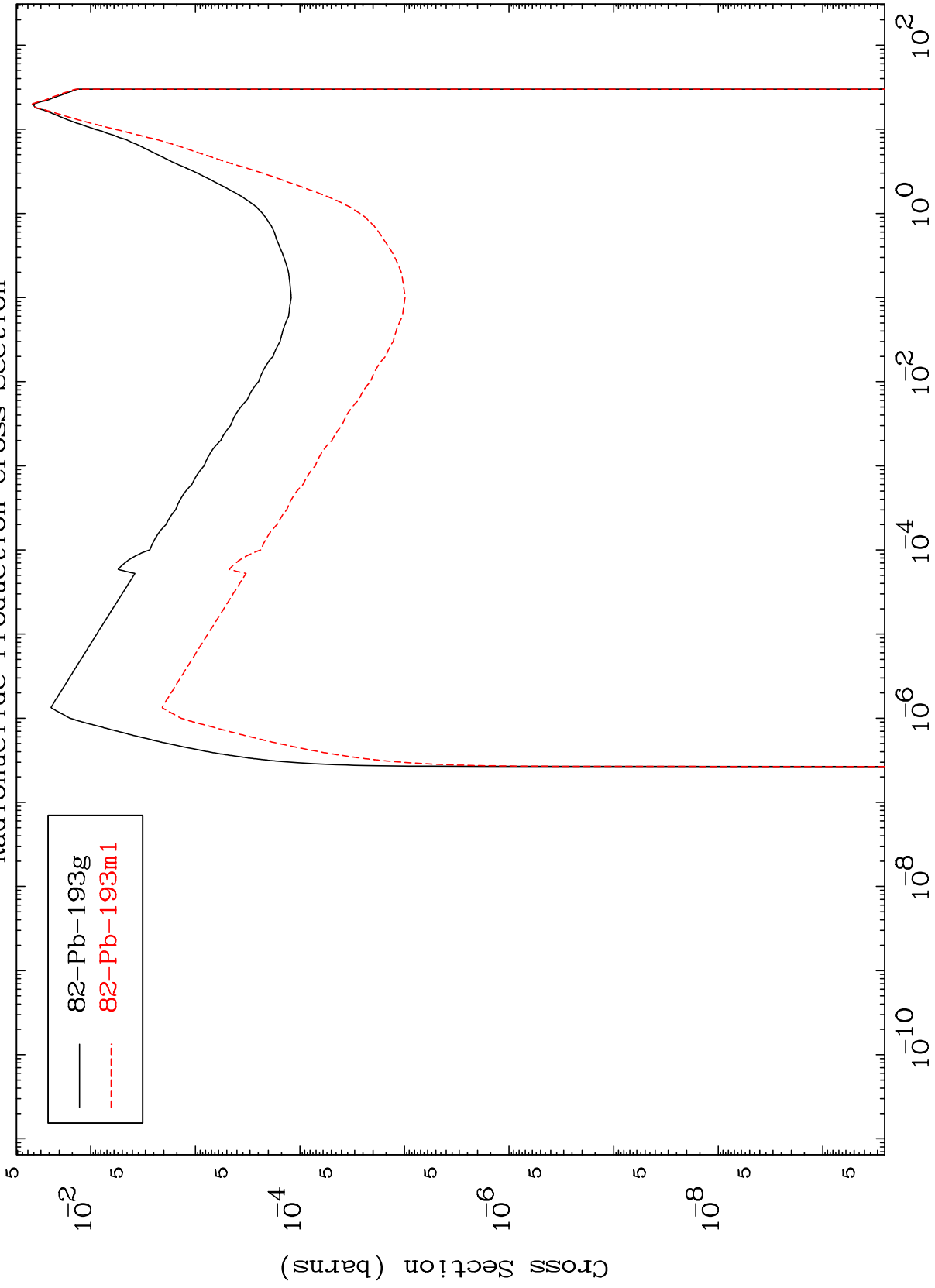
84-Po-196



MAT 8395

84-Po-196

Radionuclide Production Cross Section



— 82-Pb-193g
- - - 82-Pb-193m1

89

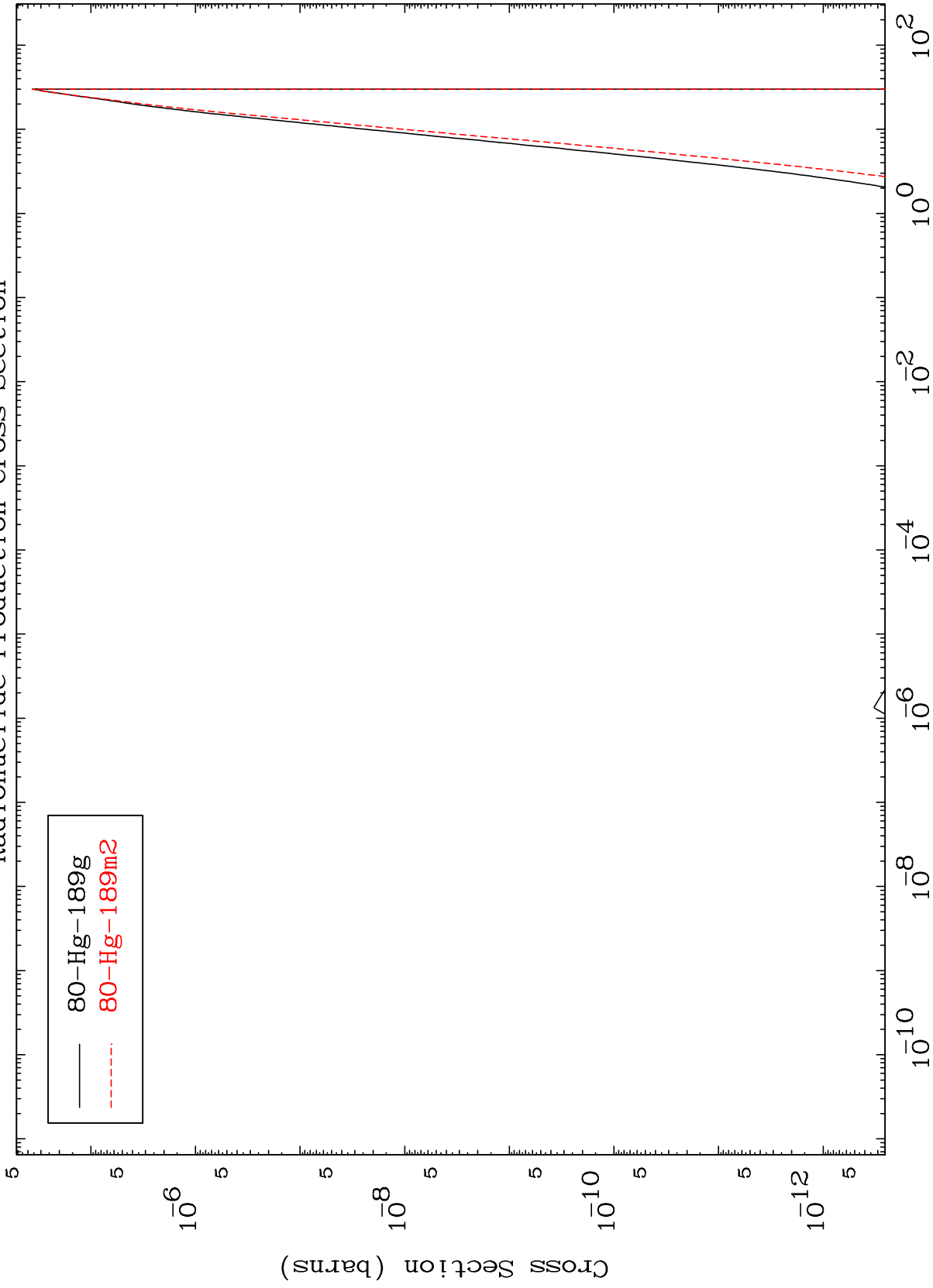
84-Po-196

MAT 8395

(n,2α)

84-Po-196

Radionuclide Production Cross Section



90

Incident Energy (MeV)

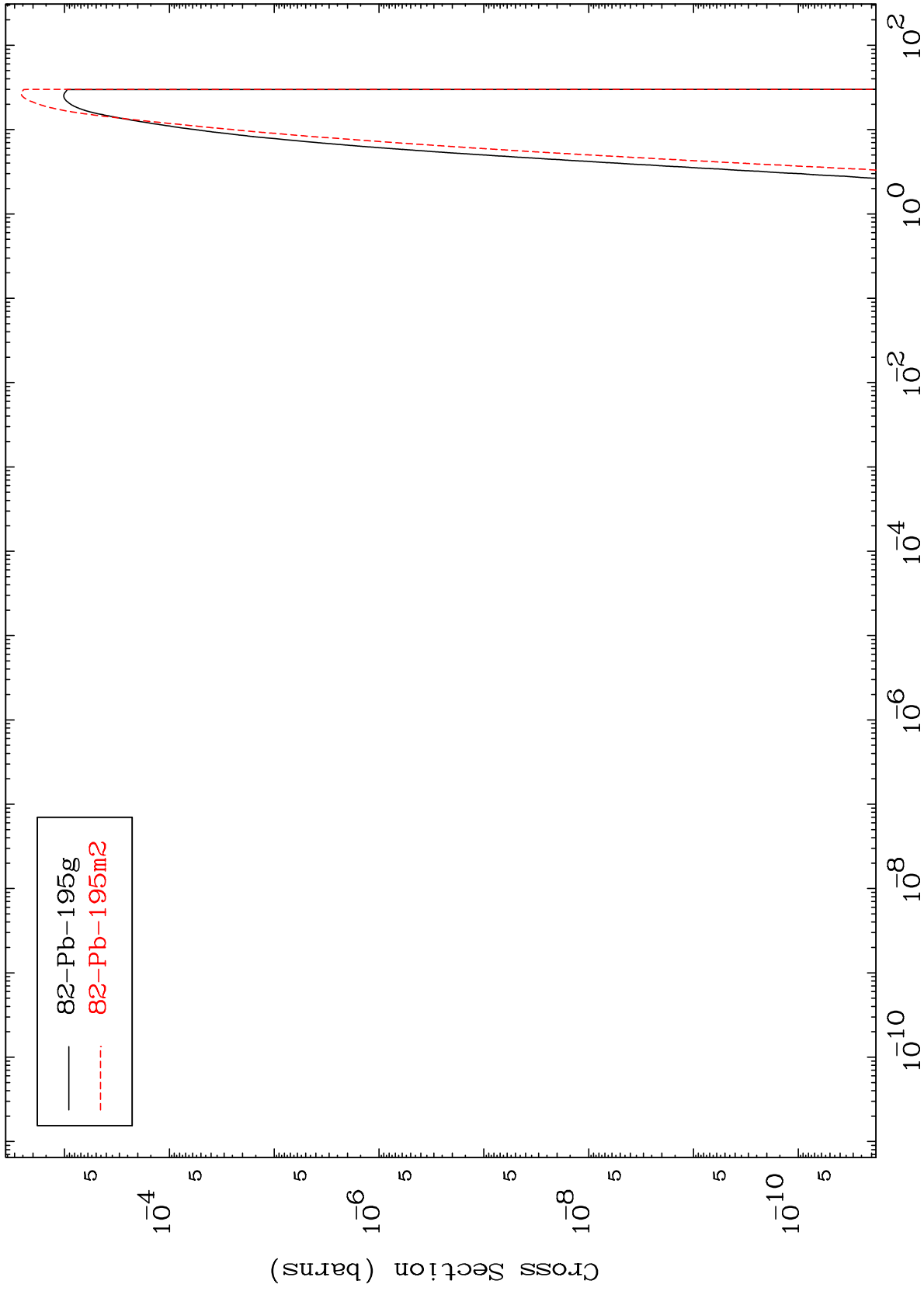
84-Po-196

MAT 8395

(n,2p)

84-Po-196

Radionuclide Production Cross Section

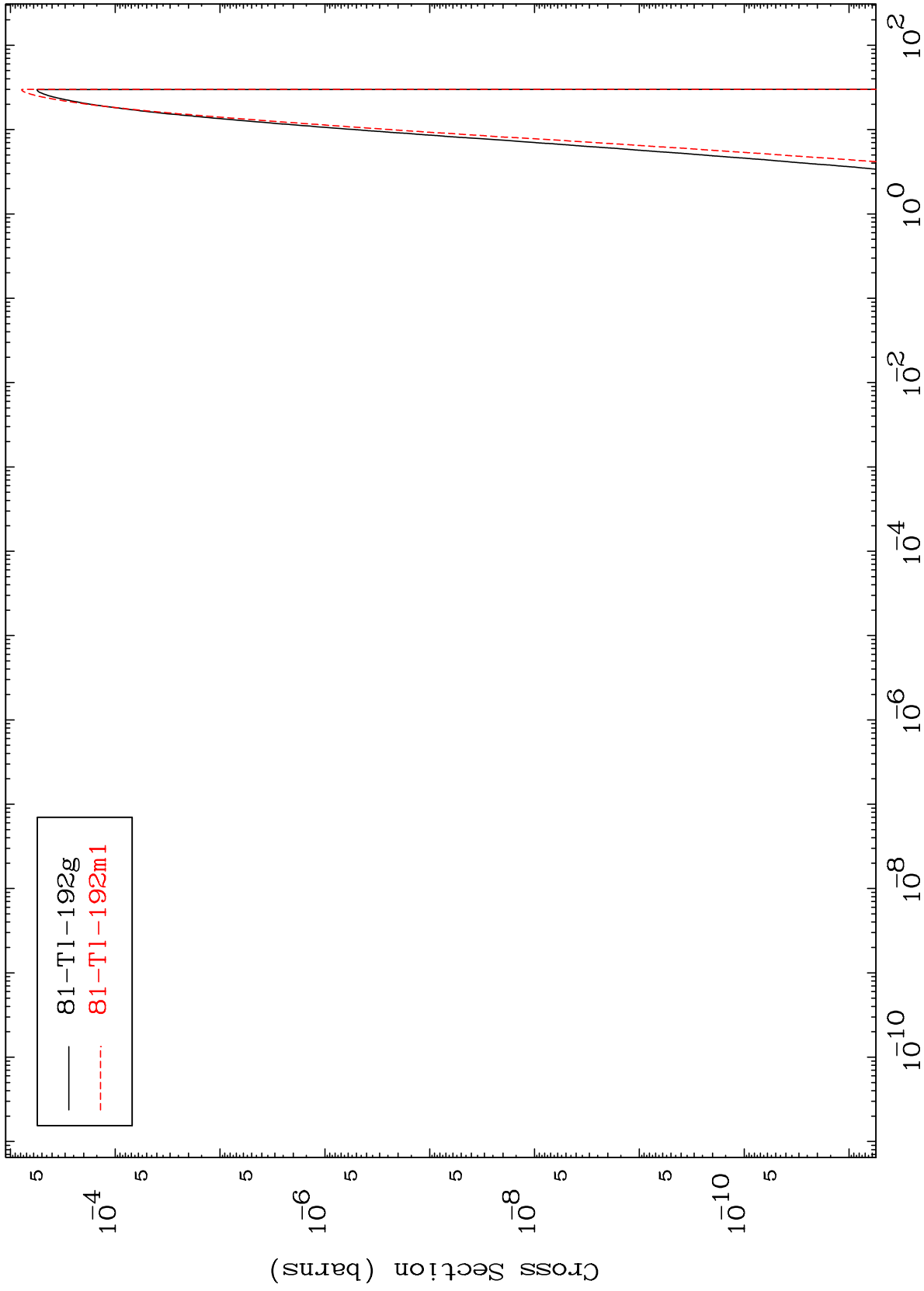


MAT 8395

(n,p) α

84-Po-196

Radionuclide Production Cross Section



92

Incident Energy (MeV)

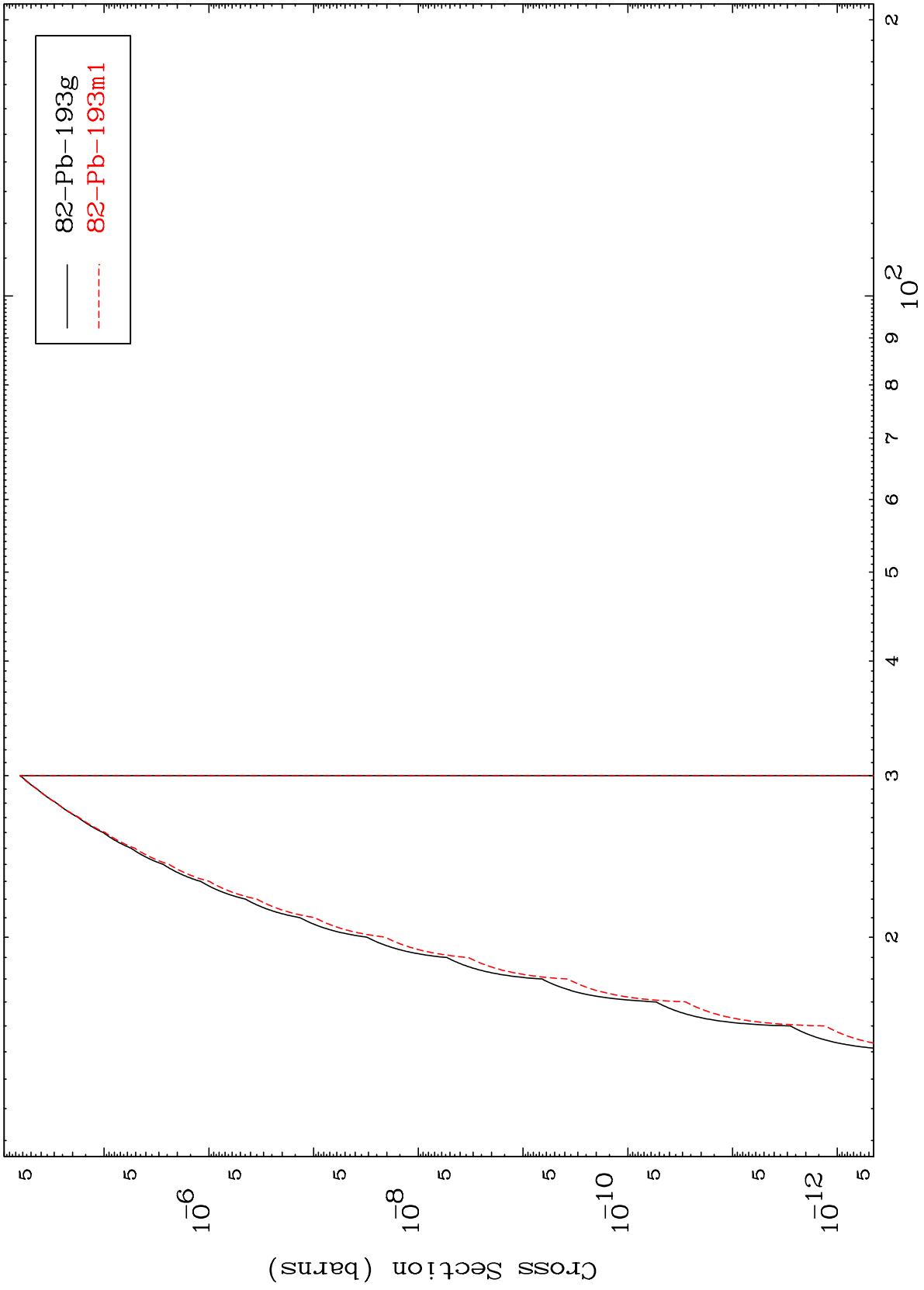
84-Po-196

MAT 8395

(n,p) t

84-Po-196

Radionuclide Production Cross Section



93

Incident Energy (MeV)

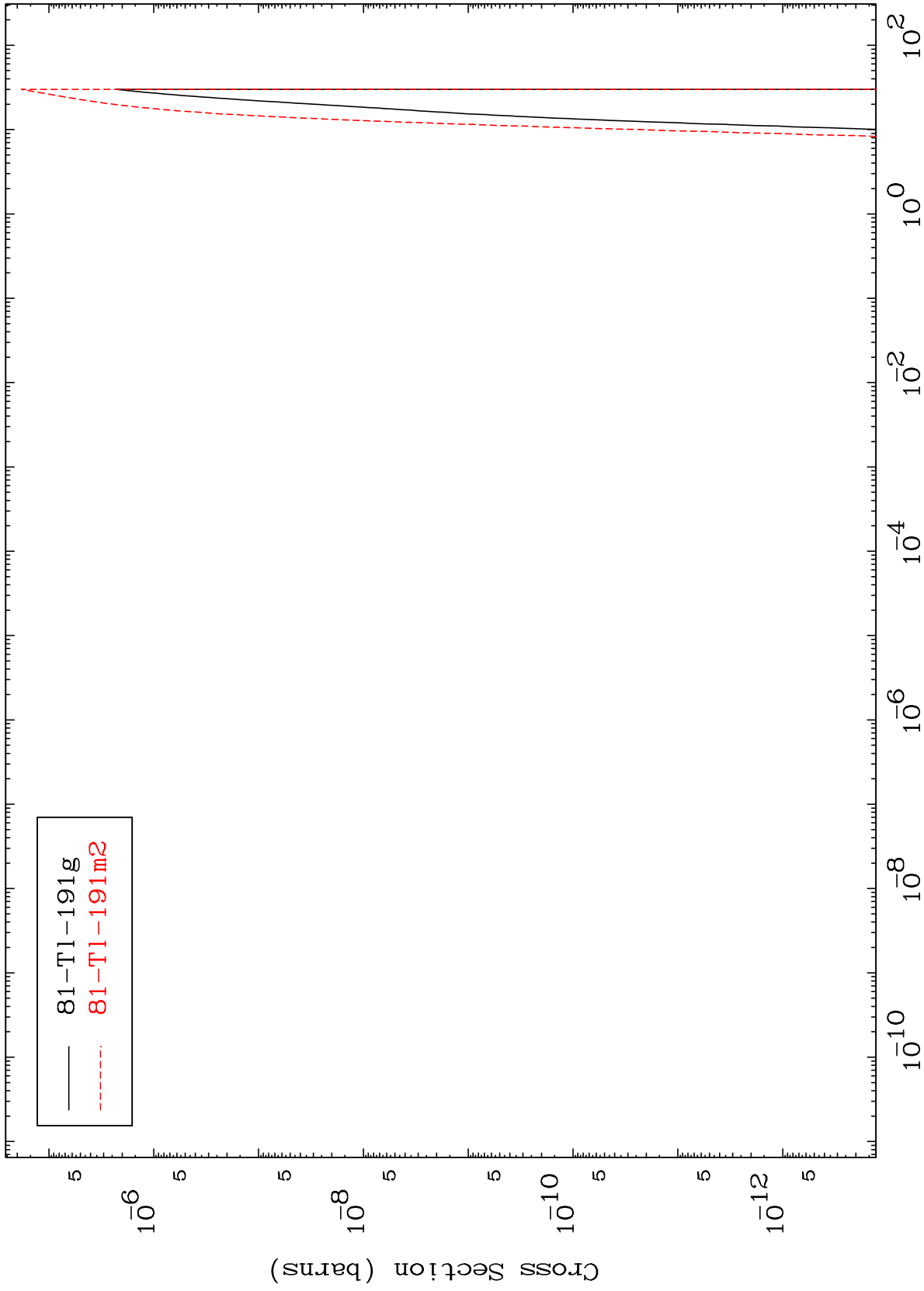
84-Po-196

MAT 8395

(n,d) α

84-Po-196

Radionuclide Production Cross Section



94

Incident Energy (MeV)

84-Po-196