

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

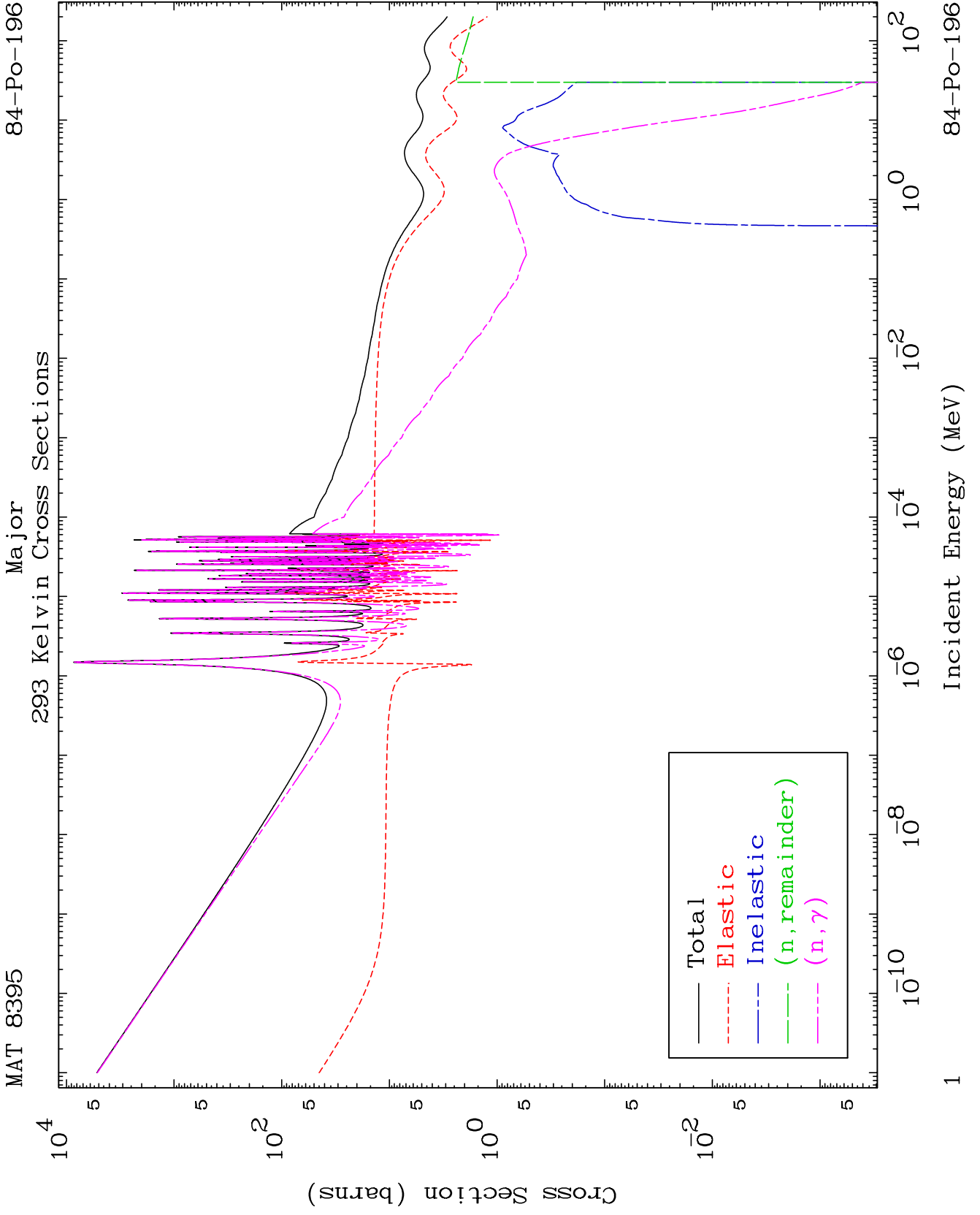
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

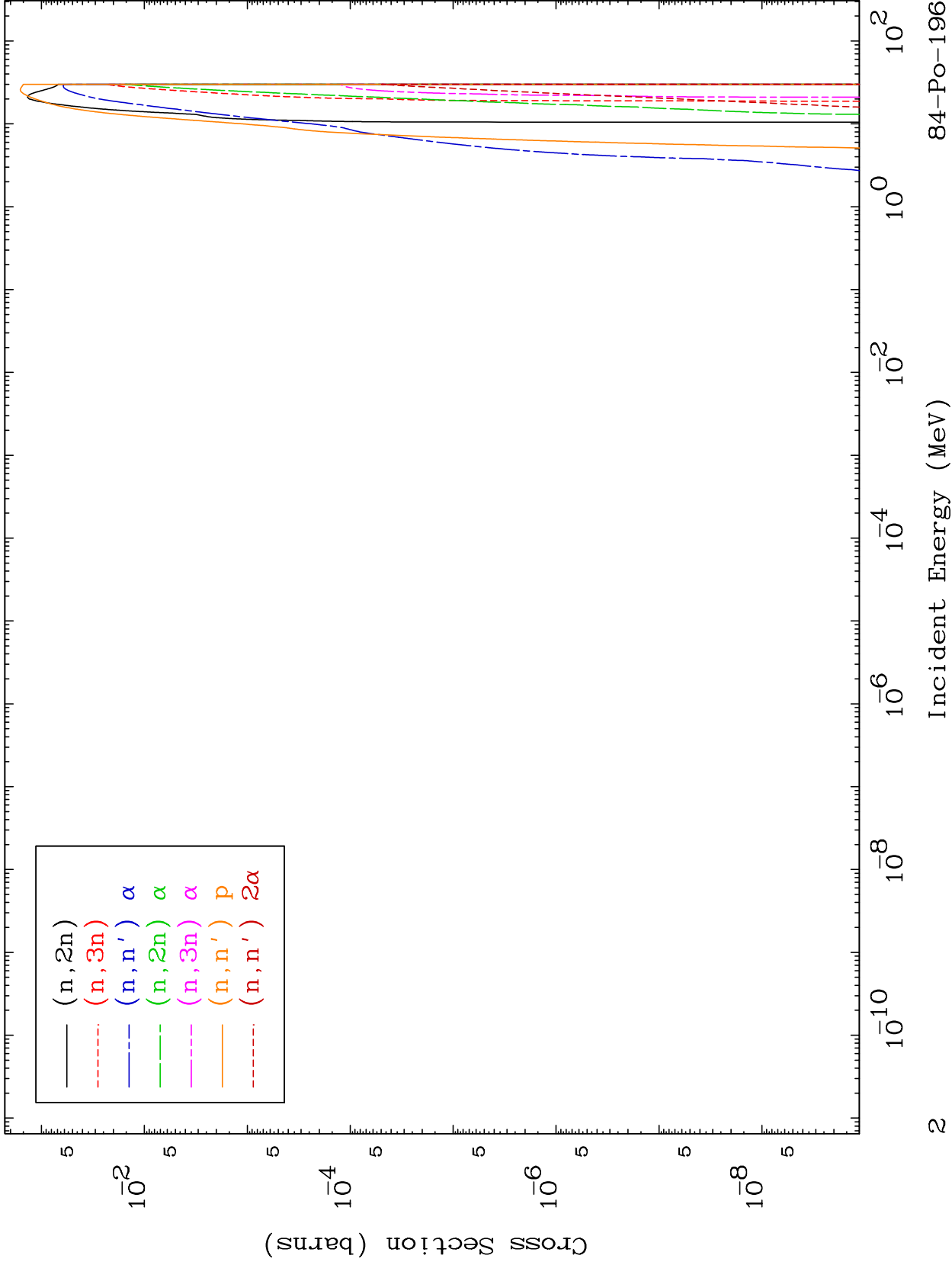
Press Mouse Button to Start



MAT 8395

Neutron Production
293 Kelvin Cross Sections

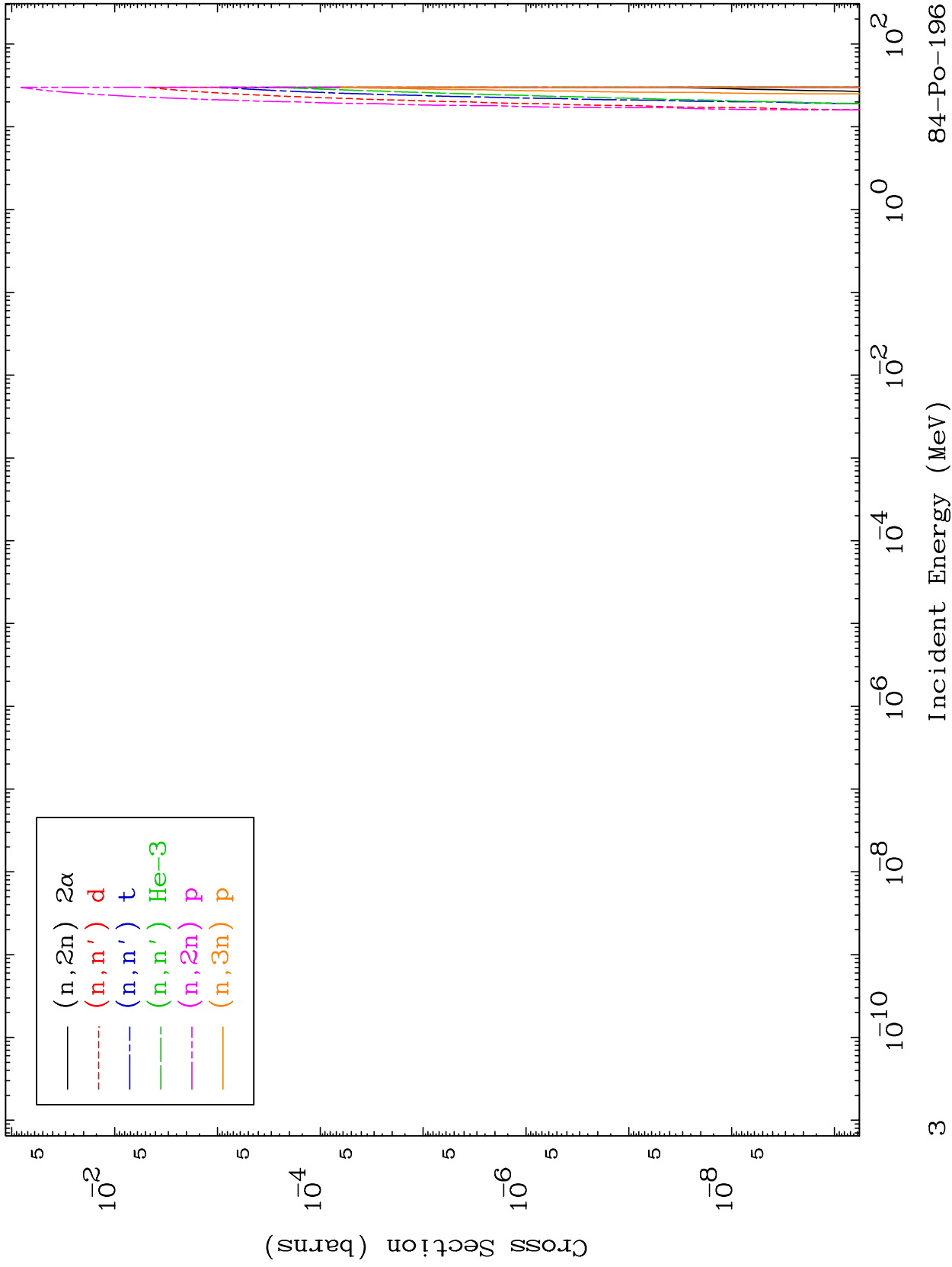
84-Po-196



MAT 8395

Neutron Production
293 Kelvin Cross Sections

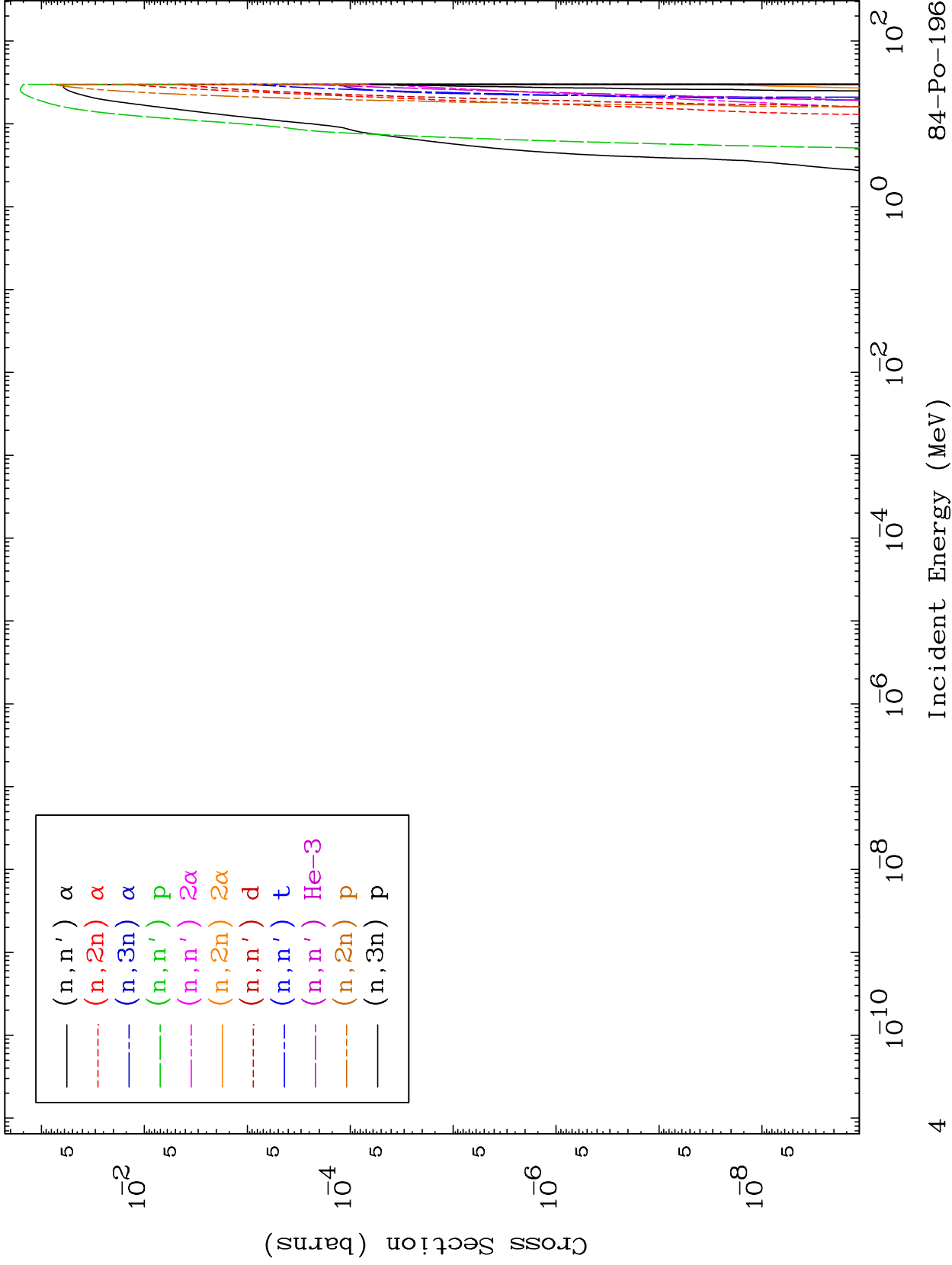
84-Po-196



MAT 8395

Charged Particle
293 Kelvin Cross Sections

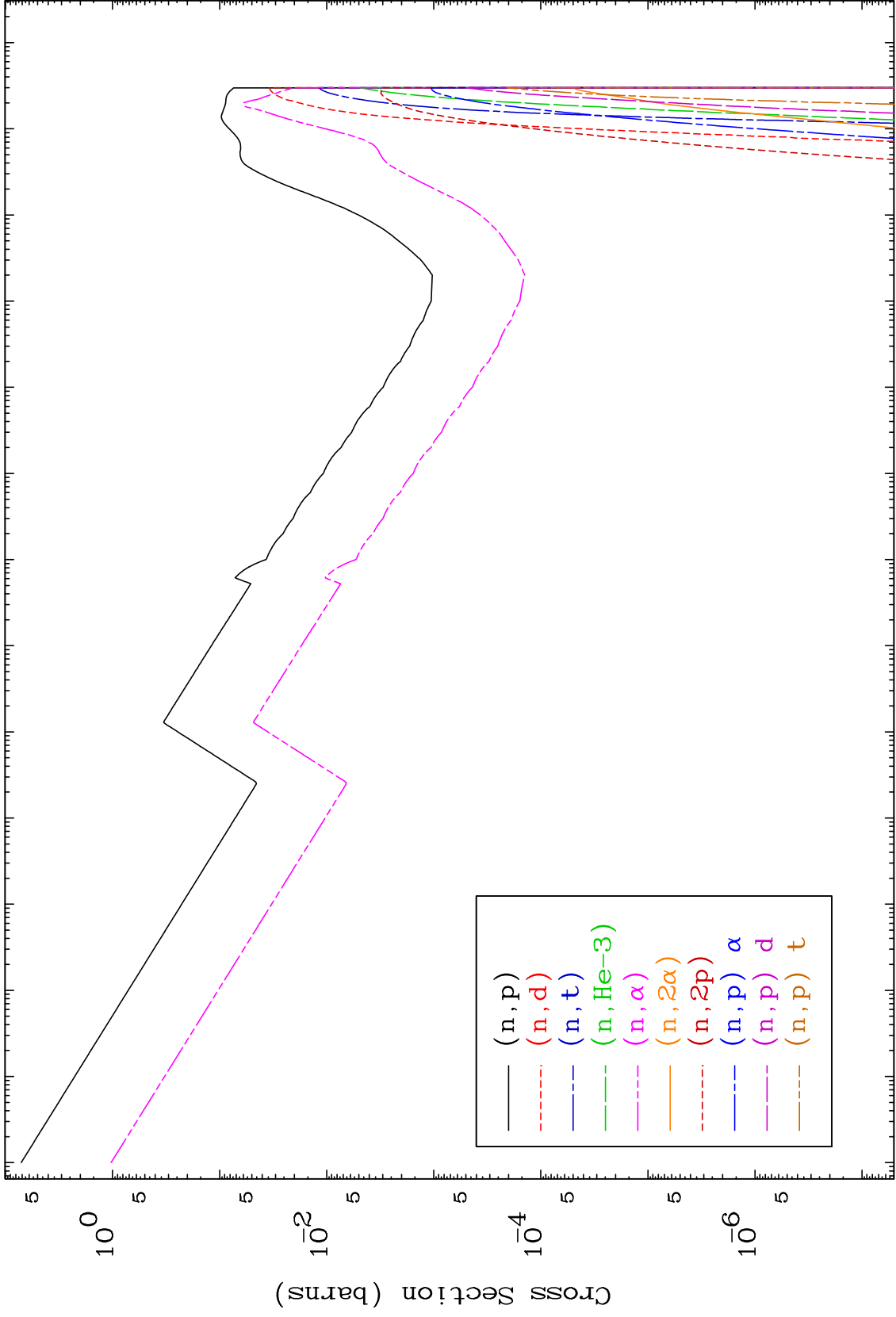
84-Po-196



MAT 8395

Charged Particle
293 Kelvin Cross Sections

84-Po-196



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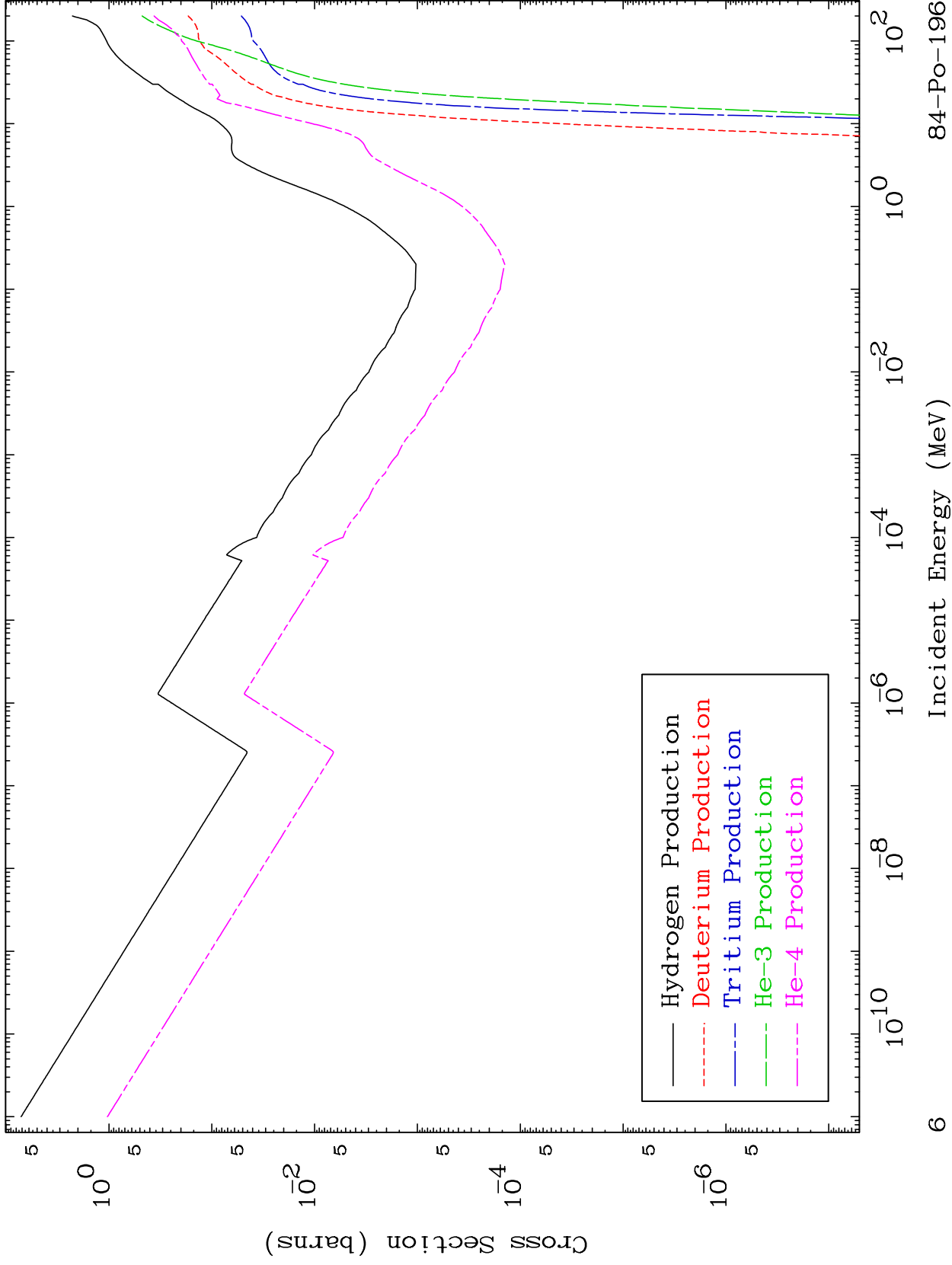
Incident Energy (MeV)

84-Po-196

MAT 8395

Particle Production
293 Kelvin Cross Sections

84-Po-196

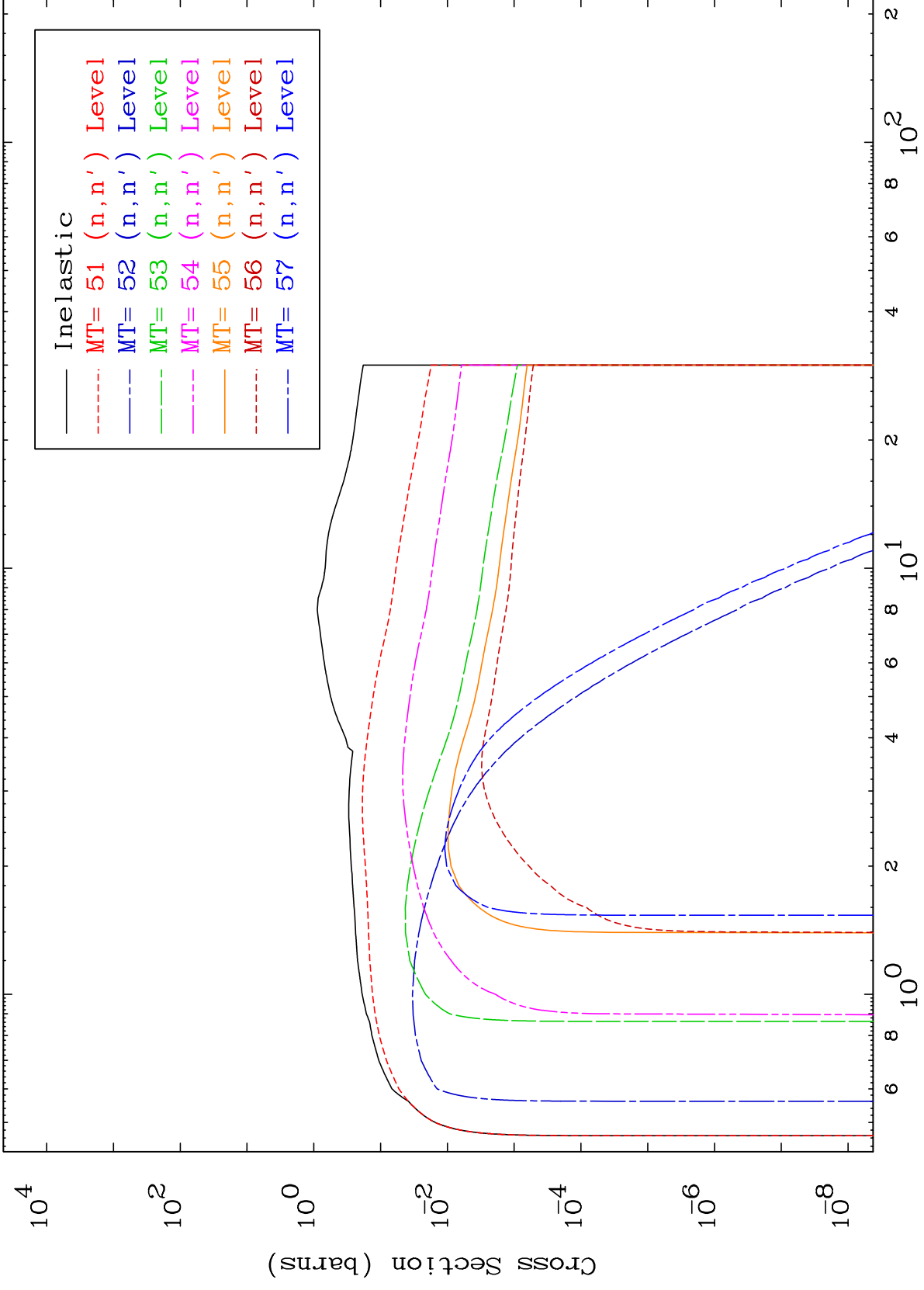


MAT 8395

(n,n') Level

84-Po-196

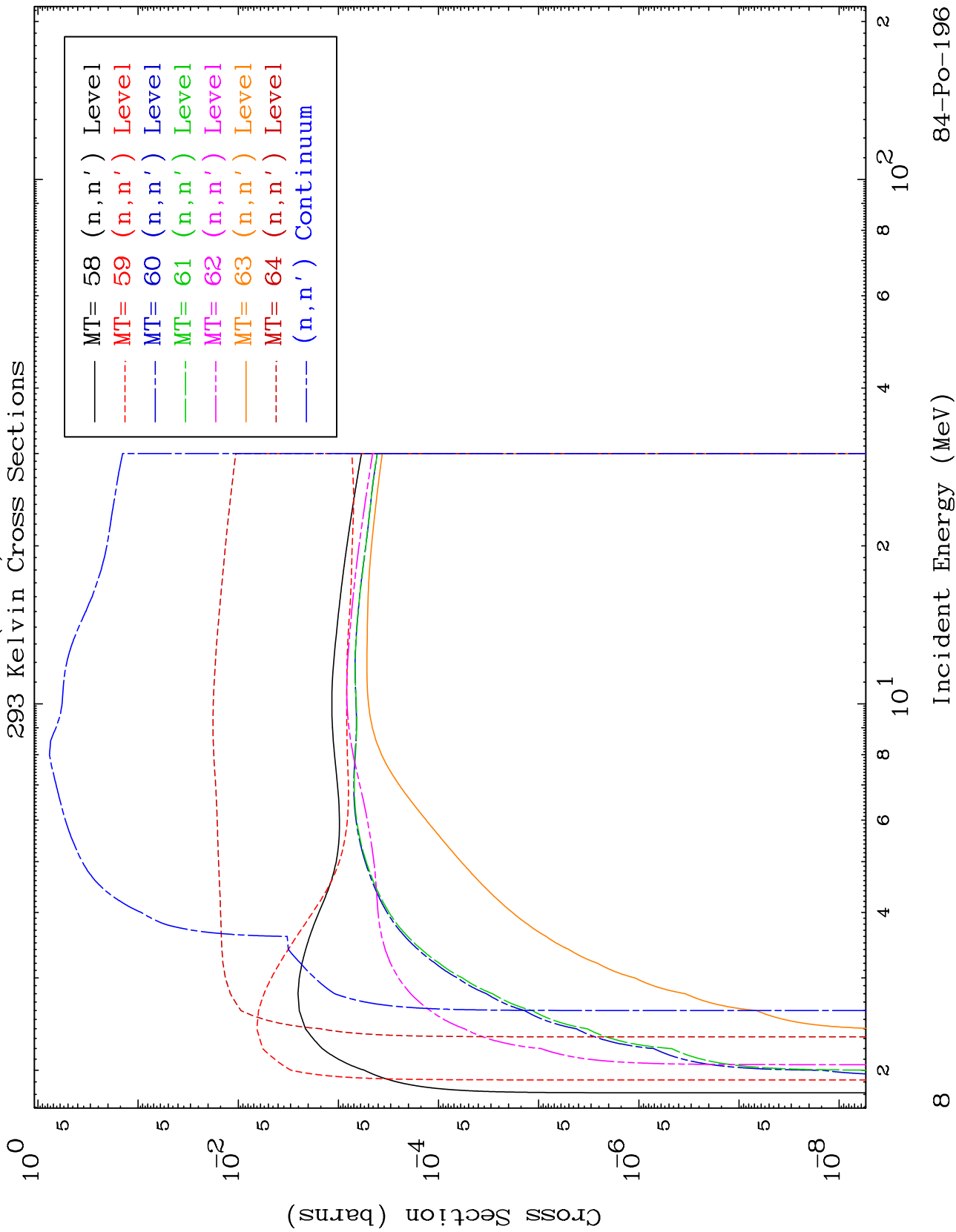
293 Kelvin Cross Sections



MAT 8395

(n,n') Level

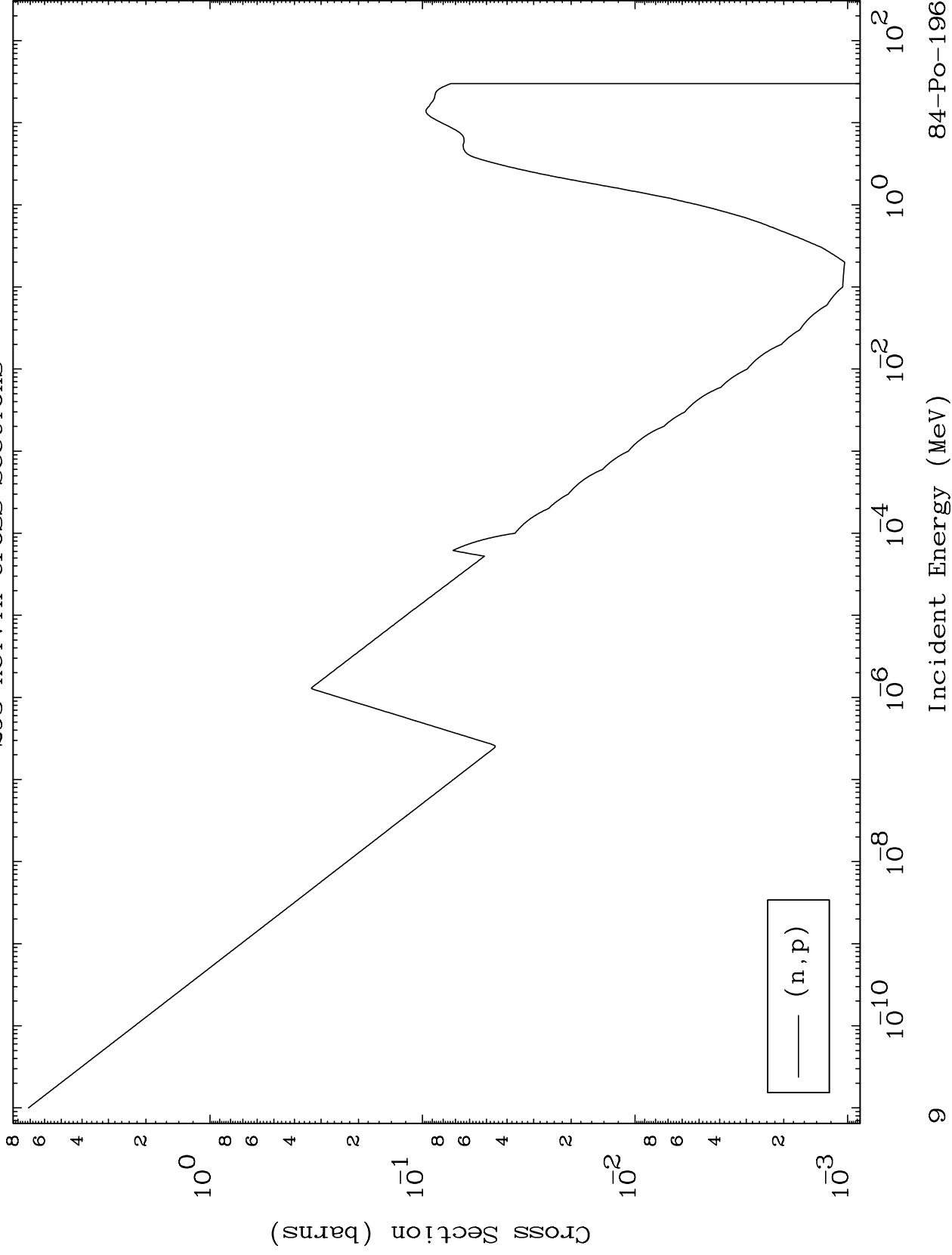
84-Po-196



MAT 8395

(n,p) Levels
293 Kelvin Cross Sections

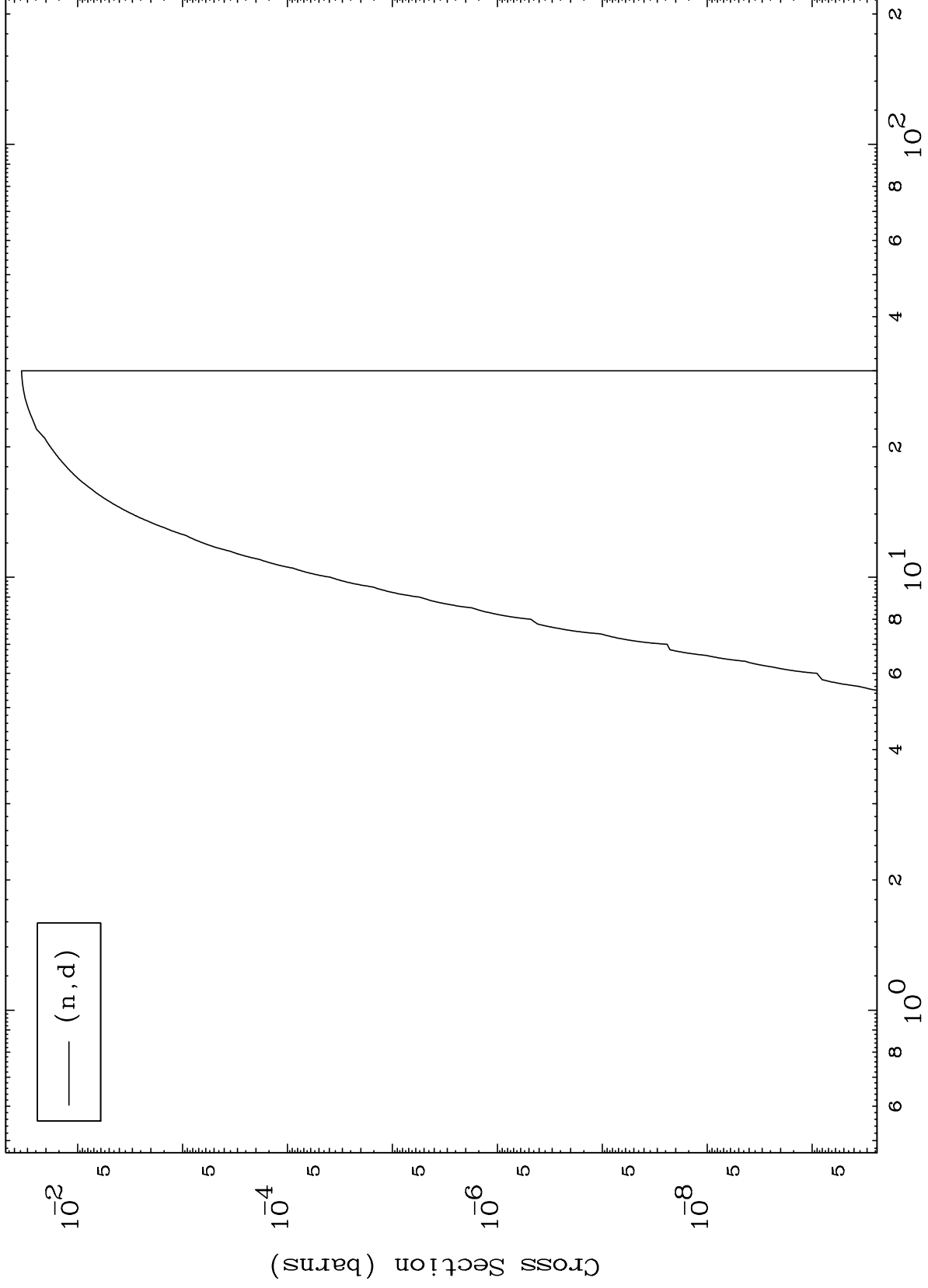
84-Po-196



MAT 8395

(n,d) Levels
293 Kelvin Cross Sections

84-Po-196



10

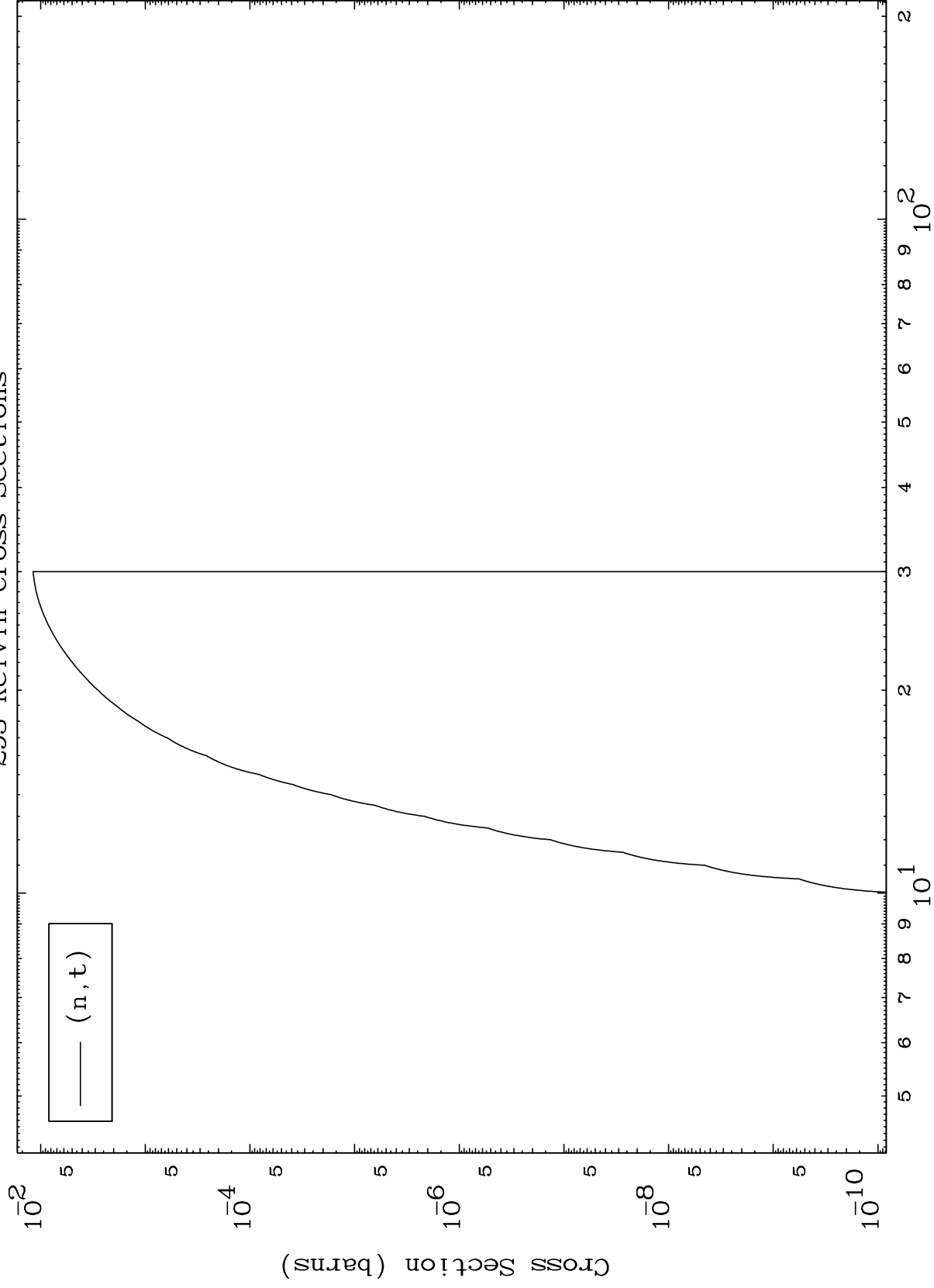
Incident Energy (MeV)

84-Po-196

MAT 8395

(n,t) Levels
293 Kelvin Cross Sections

84-Po-196



11

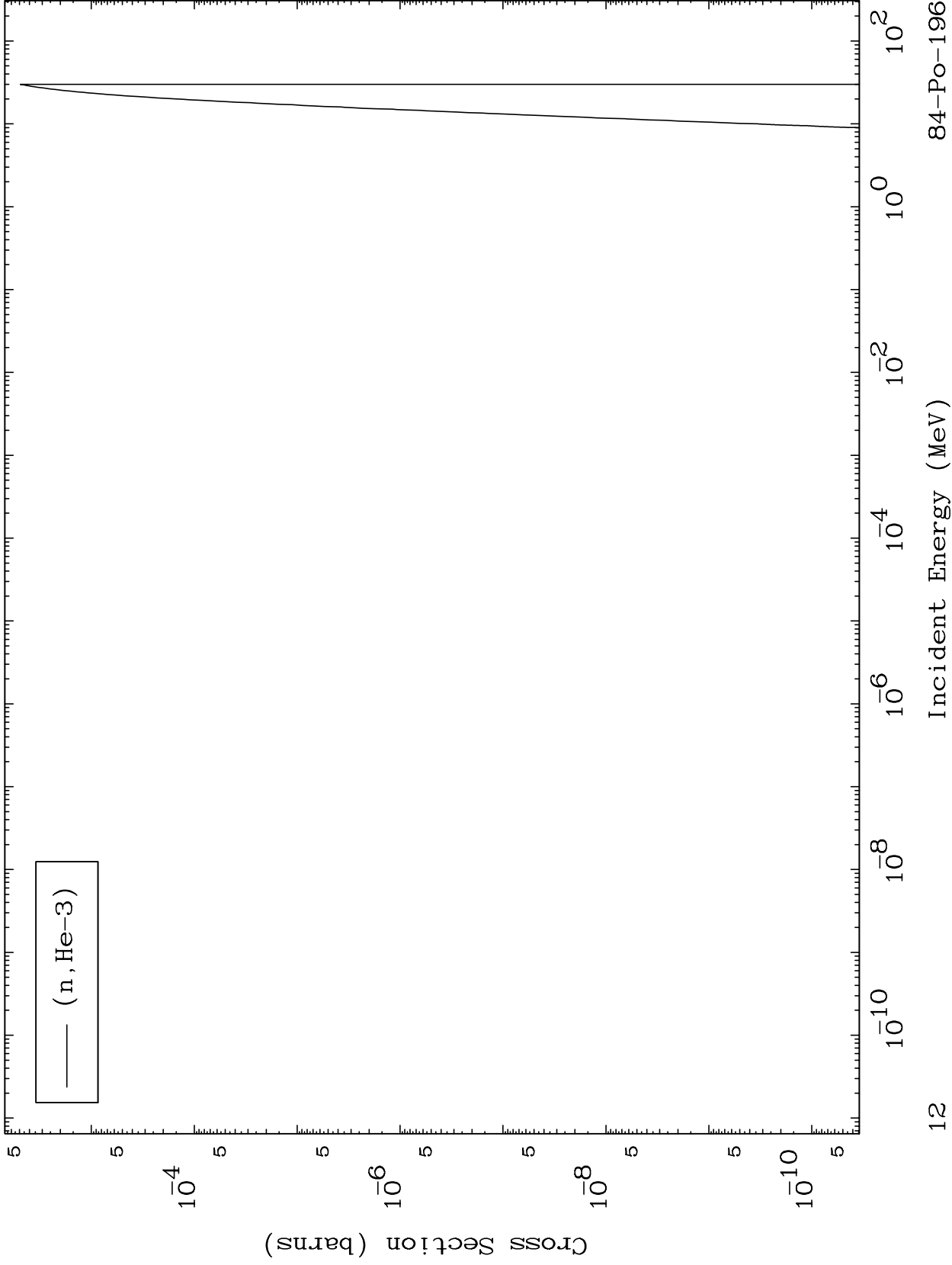
Incident Energy (MeV)

84-Po-196

MAT 8395

(n,He3) Levels
293 Kelvin Cross Sections

84-Po-196

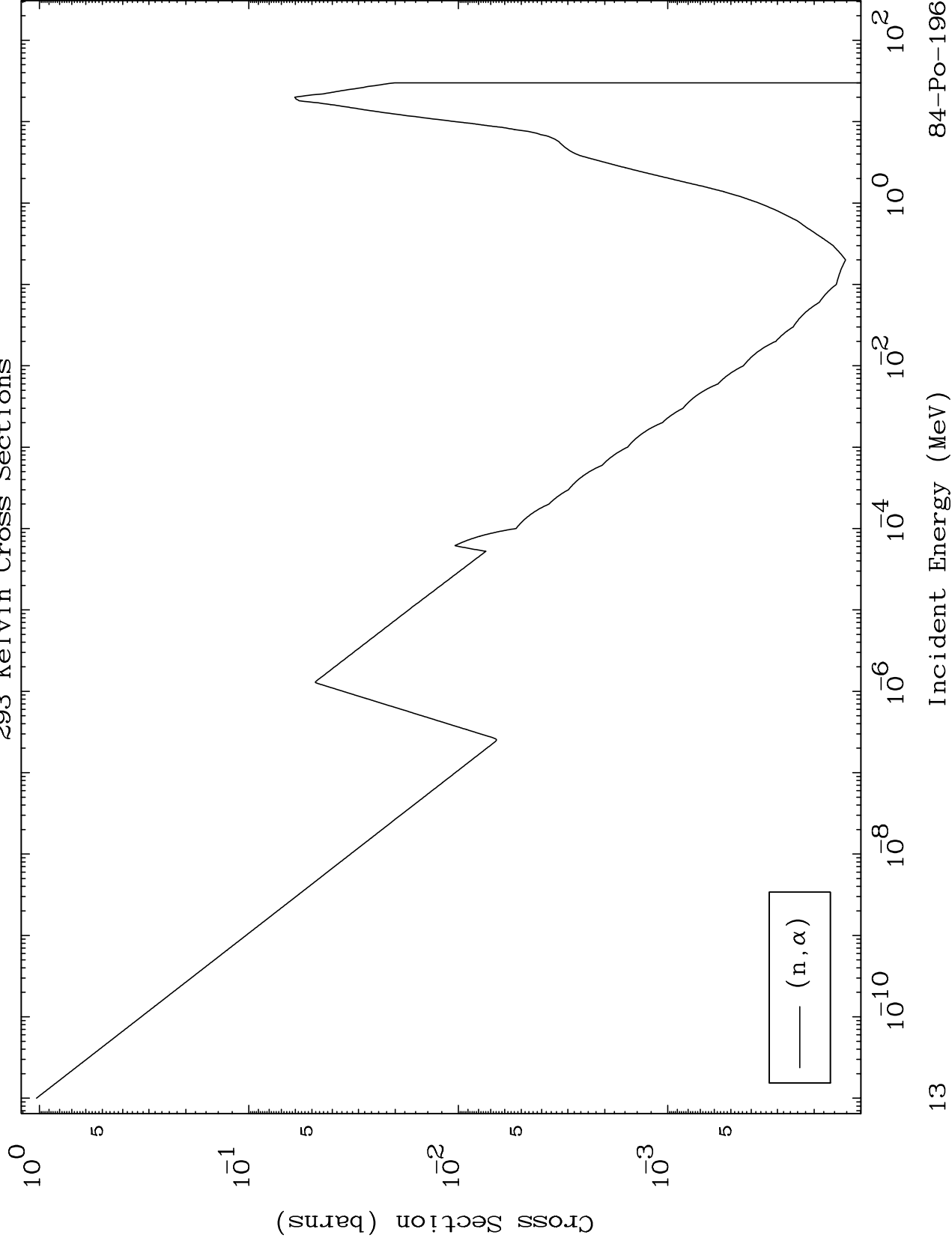


(n, He-3)

MAT 8395

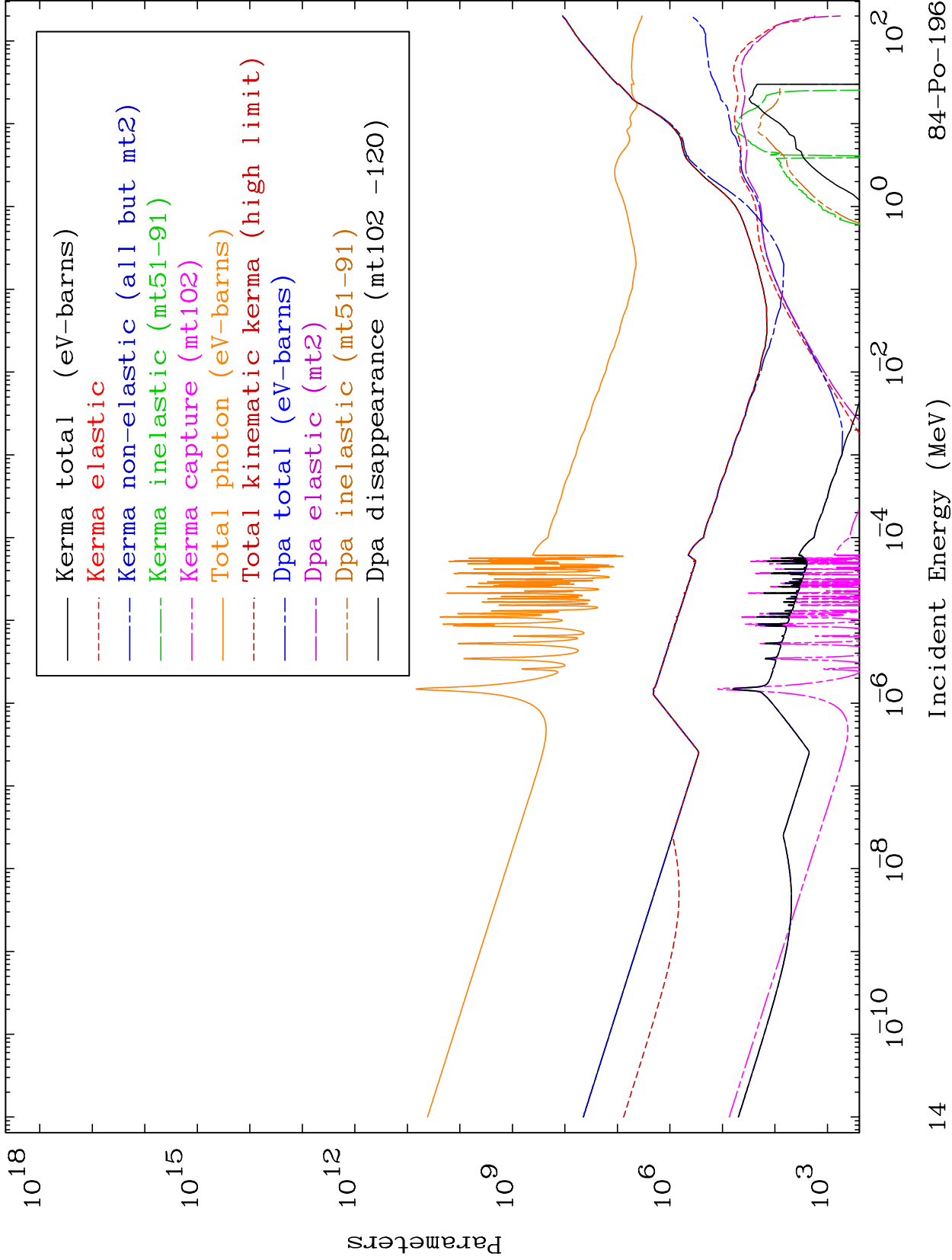
(n, α) Levels
293 Kelvin Cross Sections

84-Po-196



13

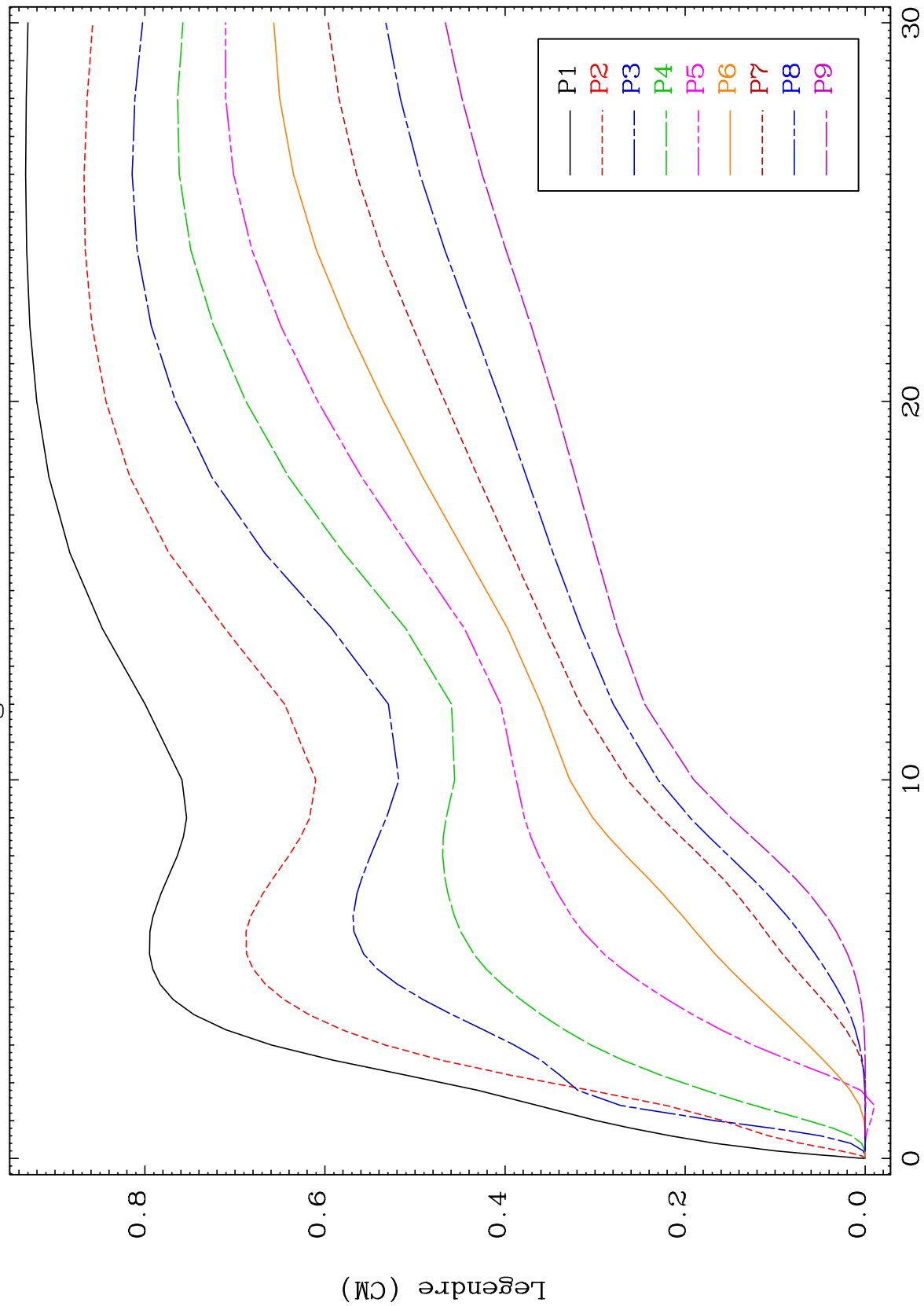
84-Po-196



MAT 8395

Elastic Legendre Coefficients

84-Po-196



15

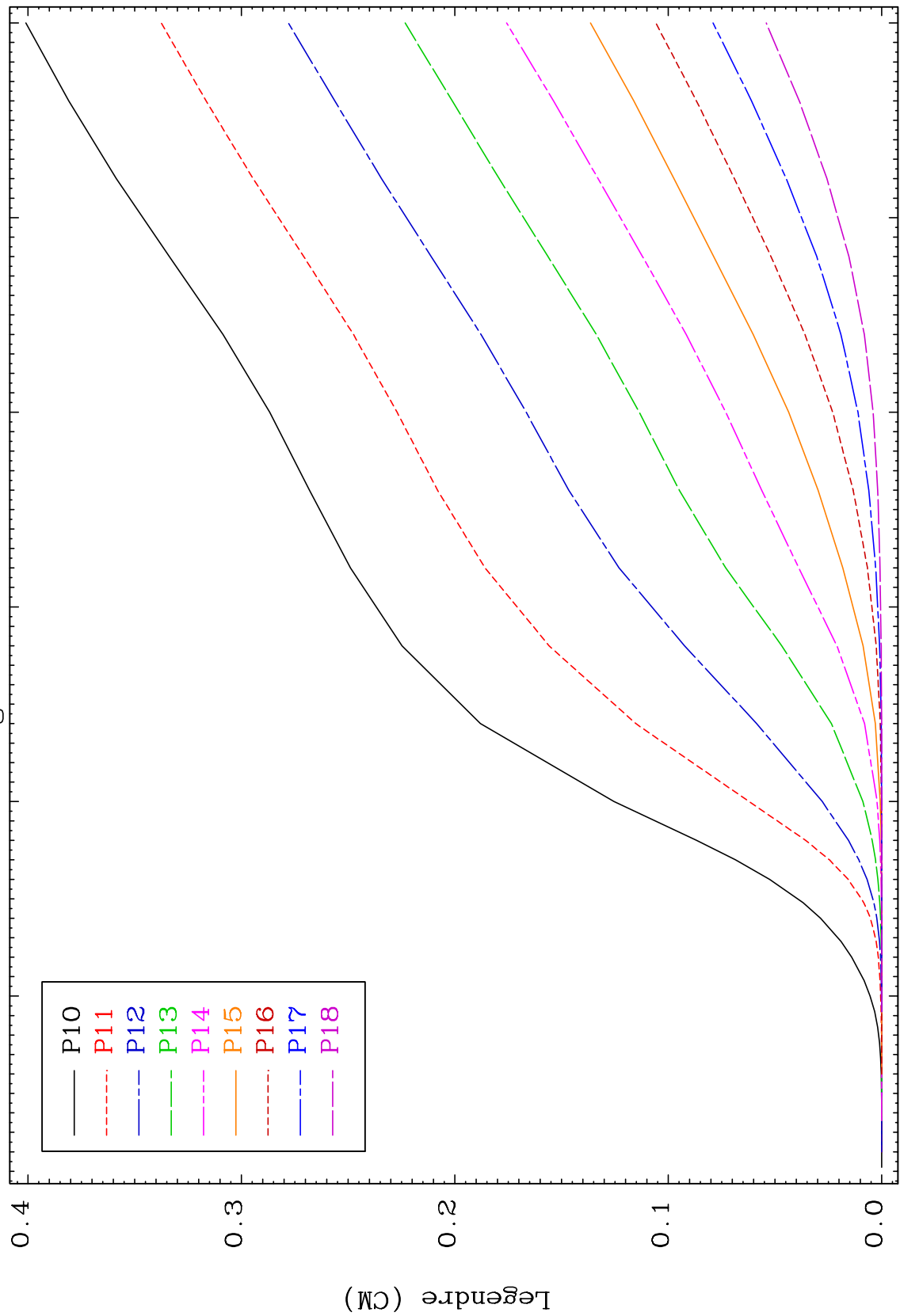
Incident Energy (MeV)

84-Po-196

MAT 8395

Elastic Legendre Coefficients

84-Po-196



16

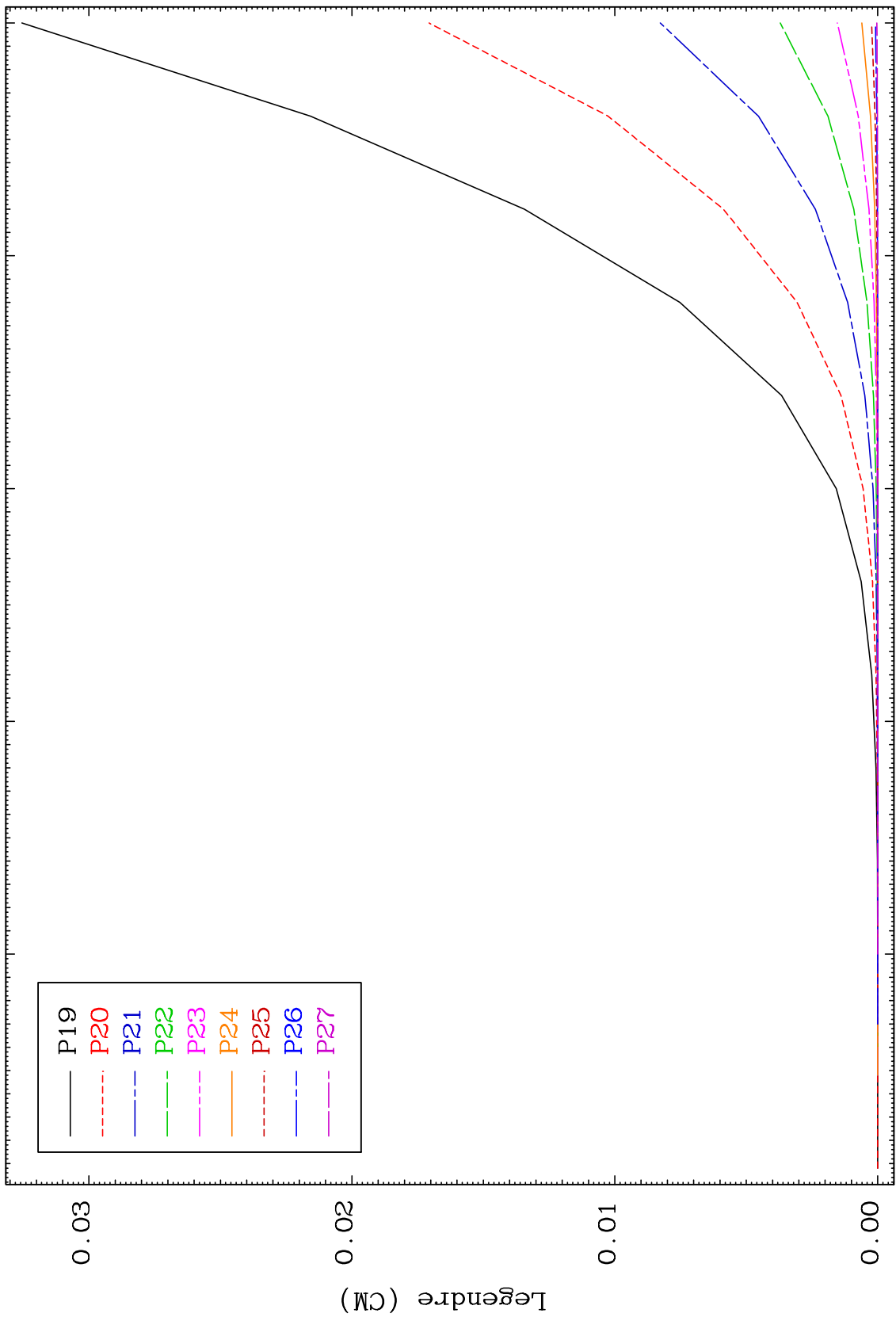
Incident Energy (MeV)

84-Po-196

MAT 8395

Elastic Legendre Coefficients

84-Po-196



17

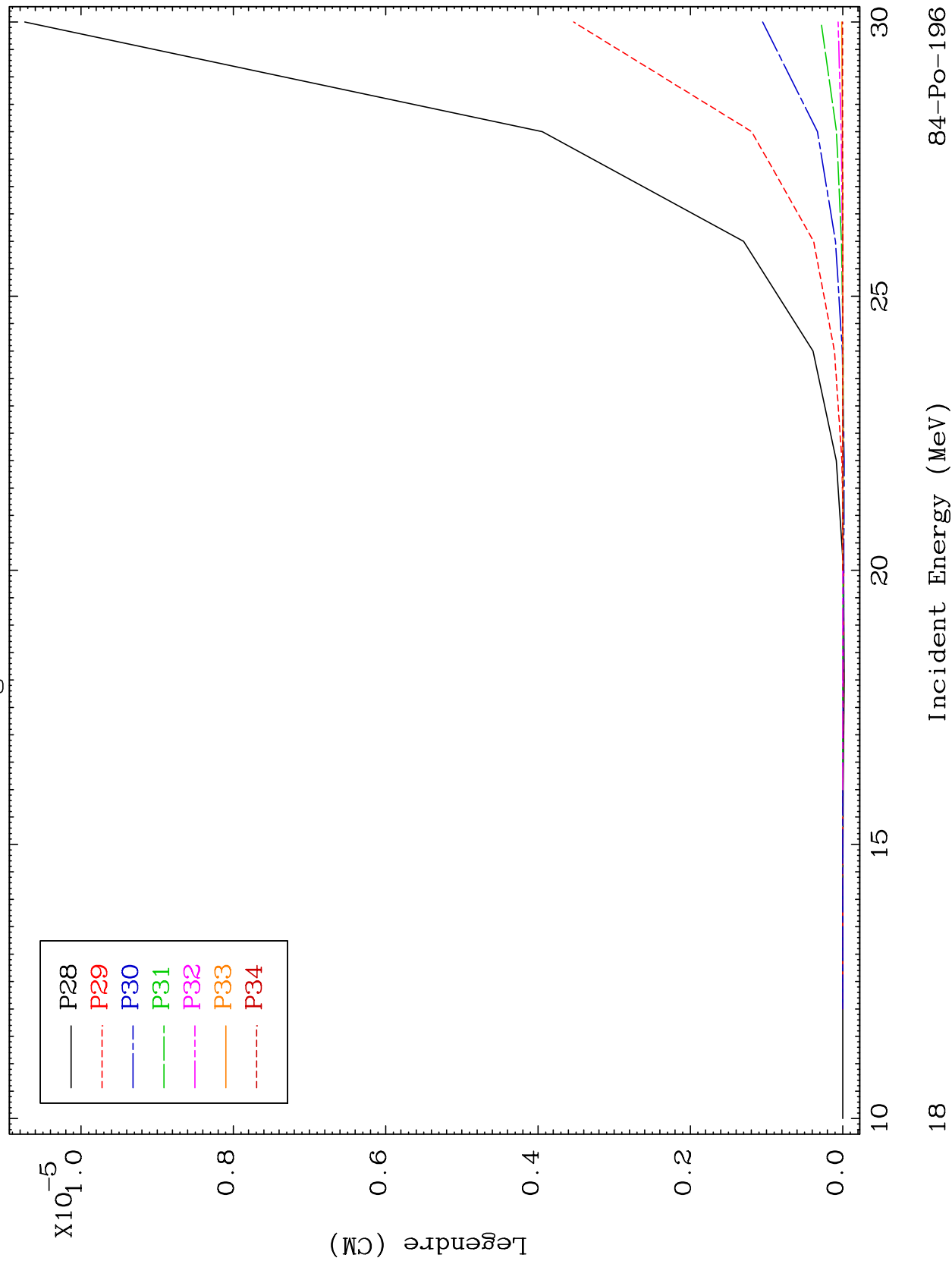
Incident Energy (MeV)

84-Po-196

MAT 8395

Elastic Legendre Coefficients

84-Po-196



18

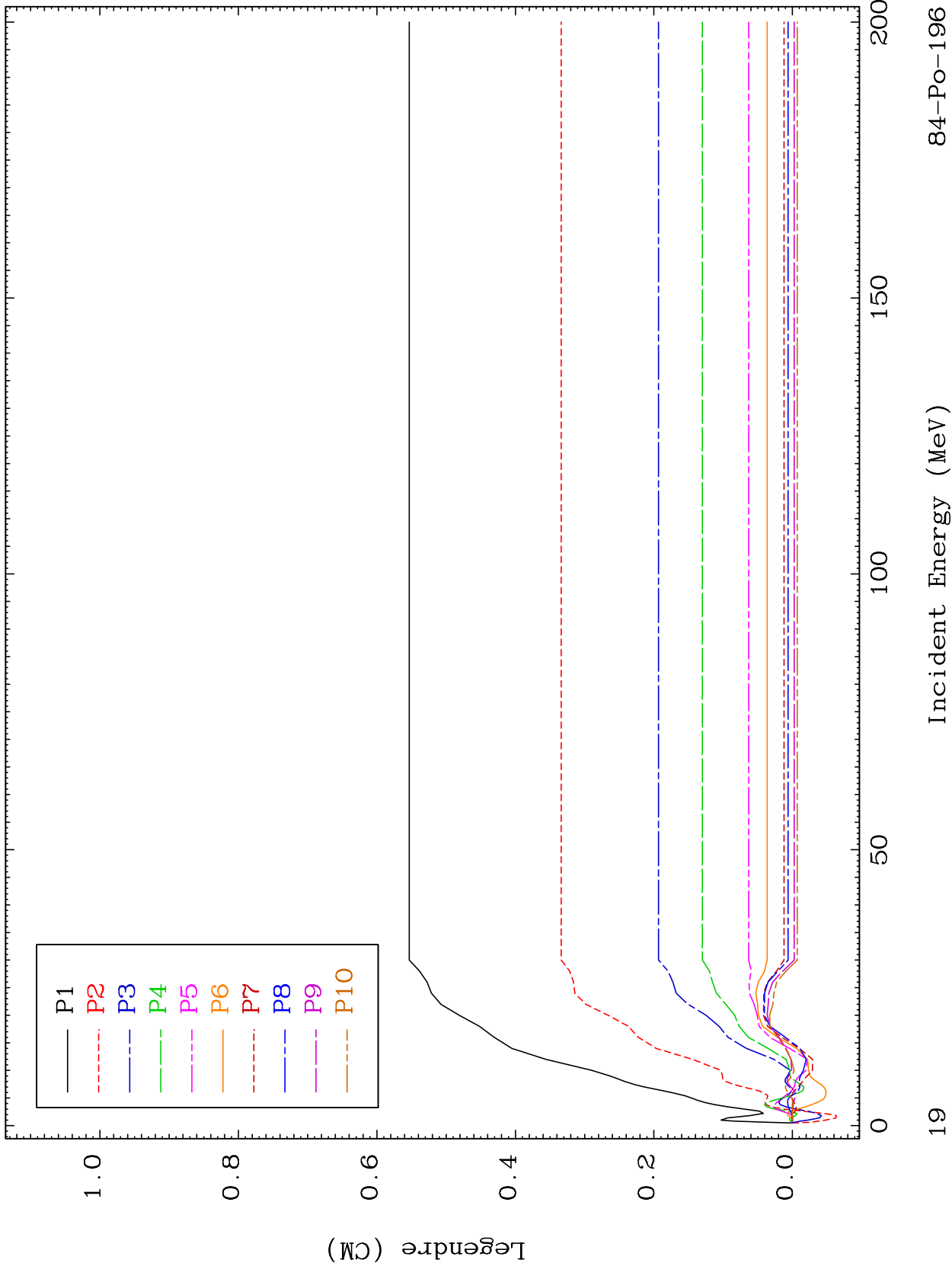
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



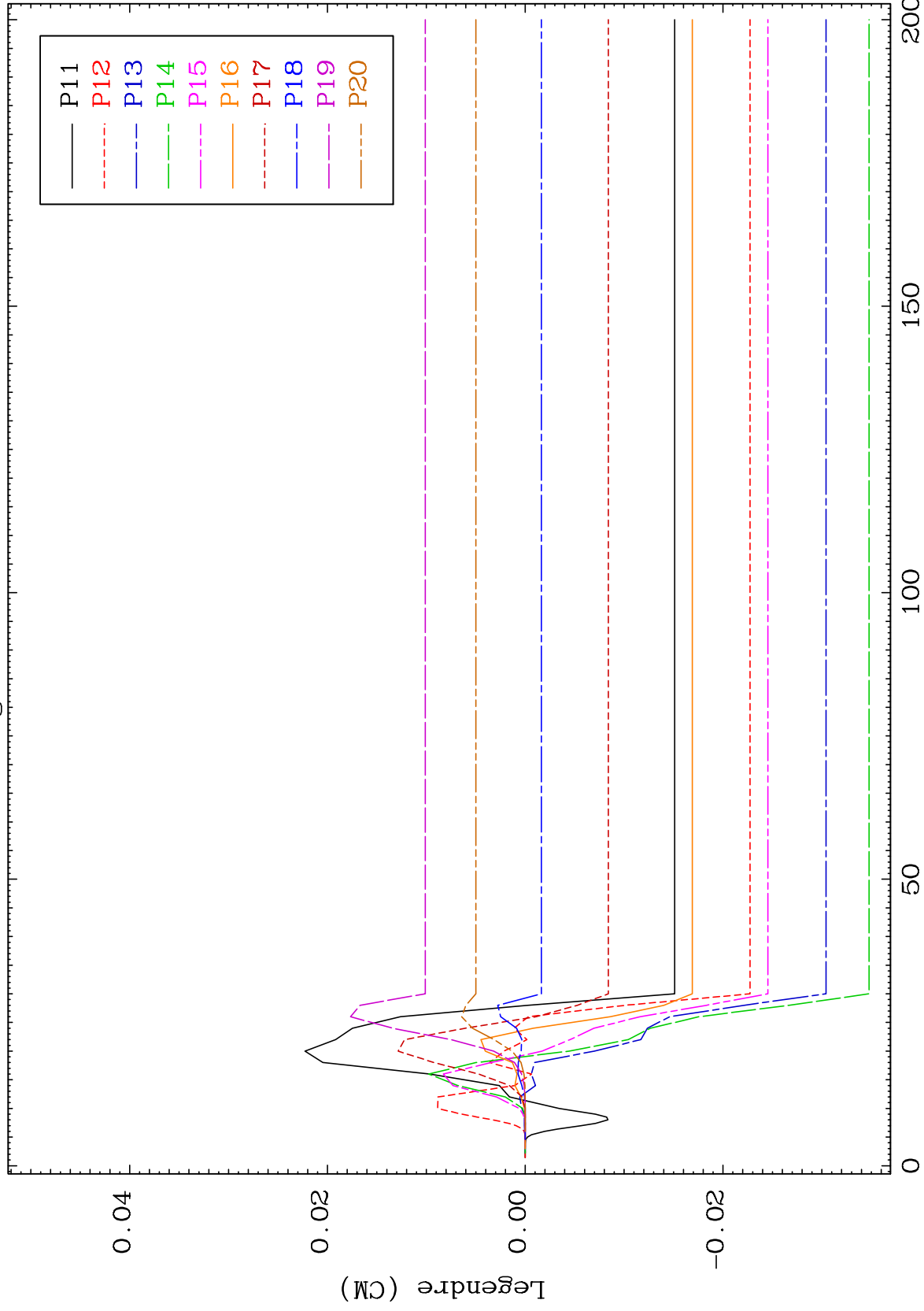
19

84-Po-196

MAT 8395

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

84-Po-196



84-Po-196

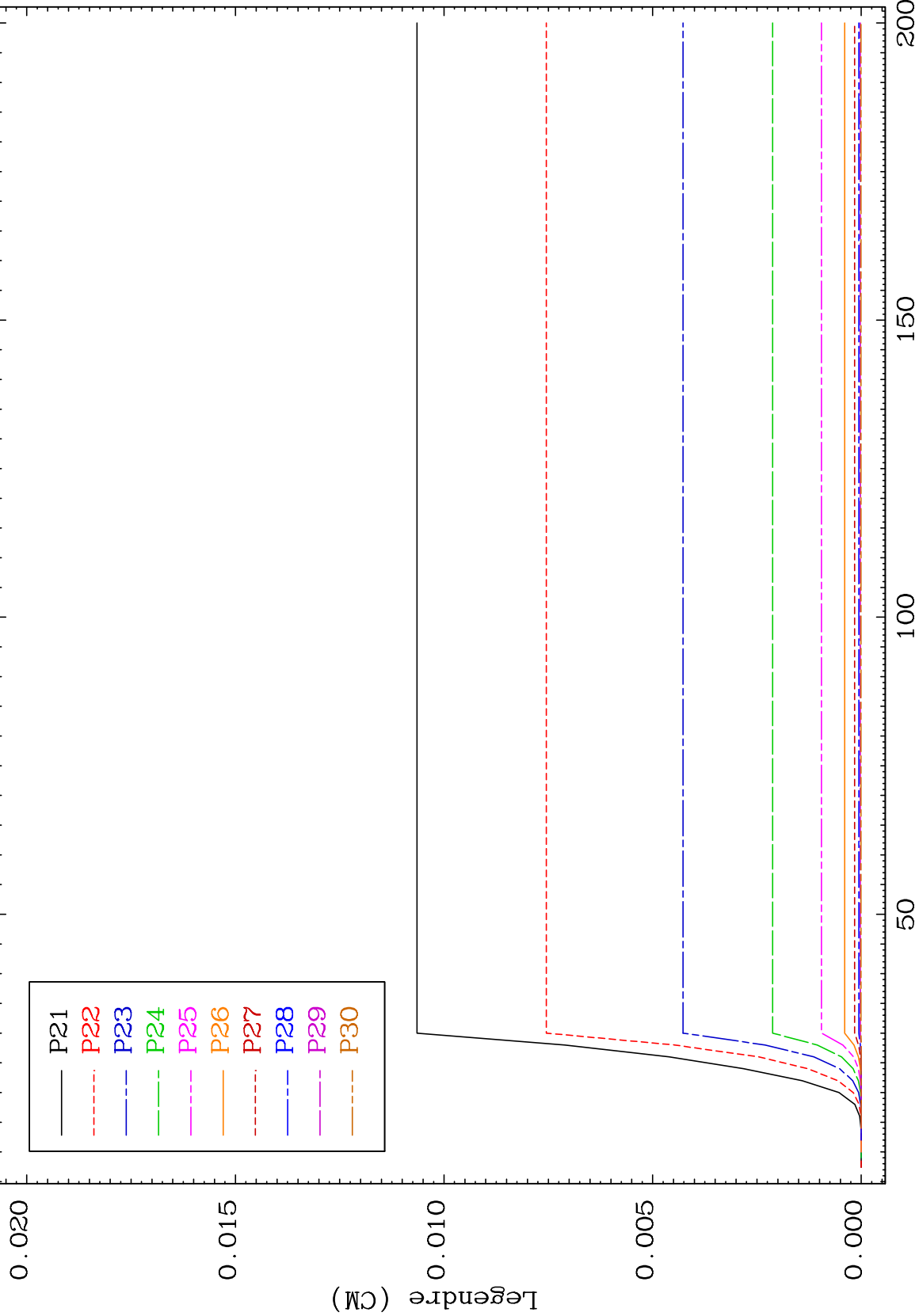
Incident Energy (MeV)

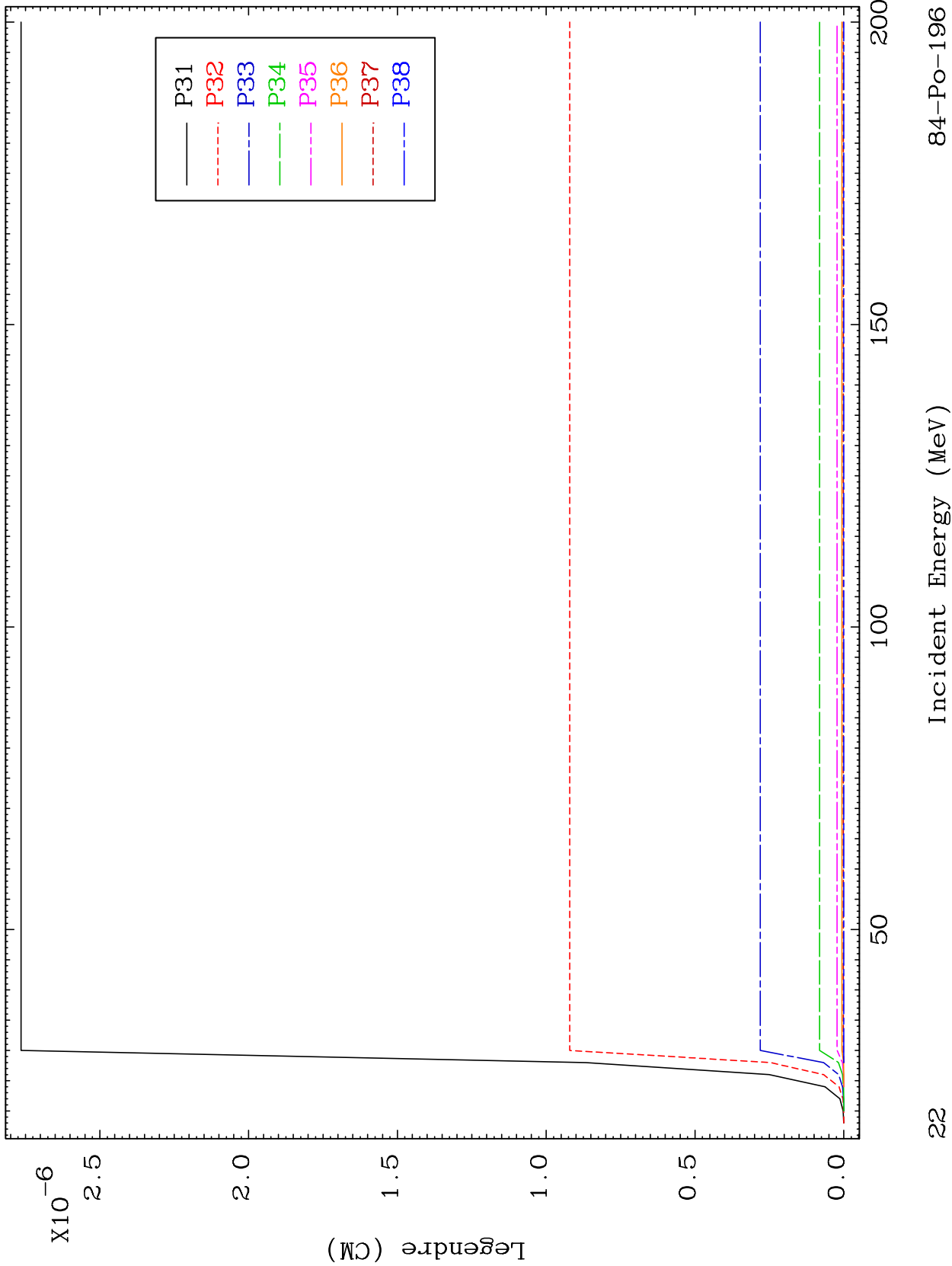
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MAT 8395

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

84-Po-196

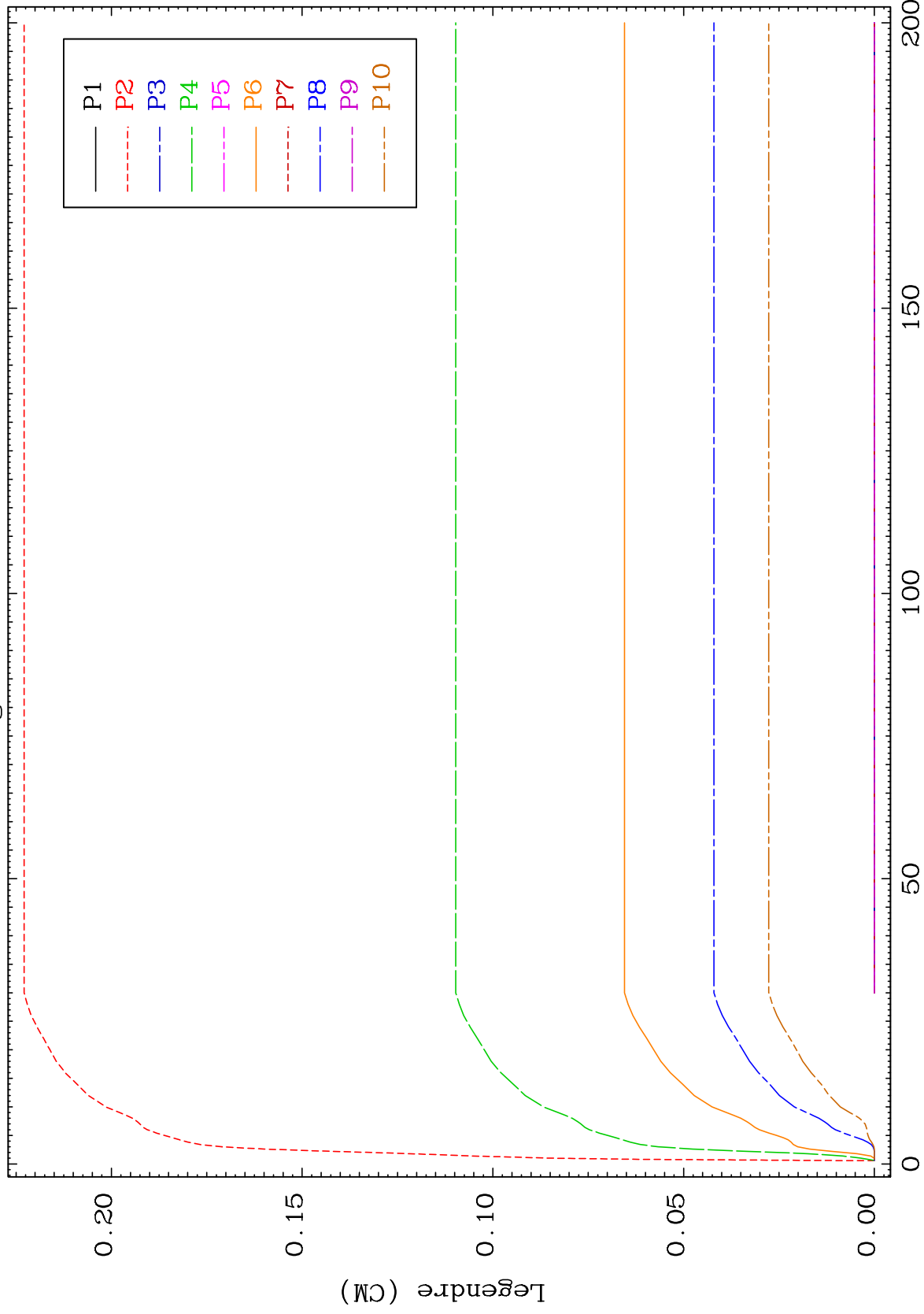




MAT 8395

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

84-Po-196



84-Po-196

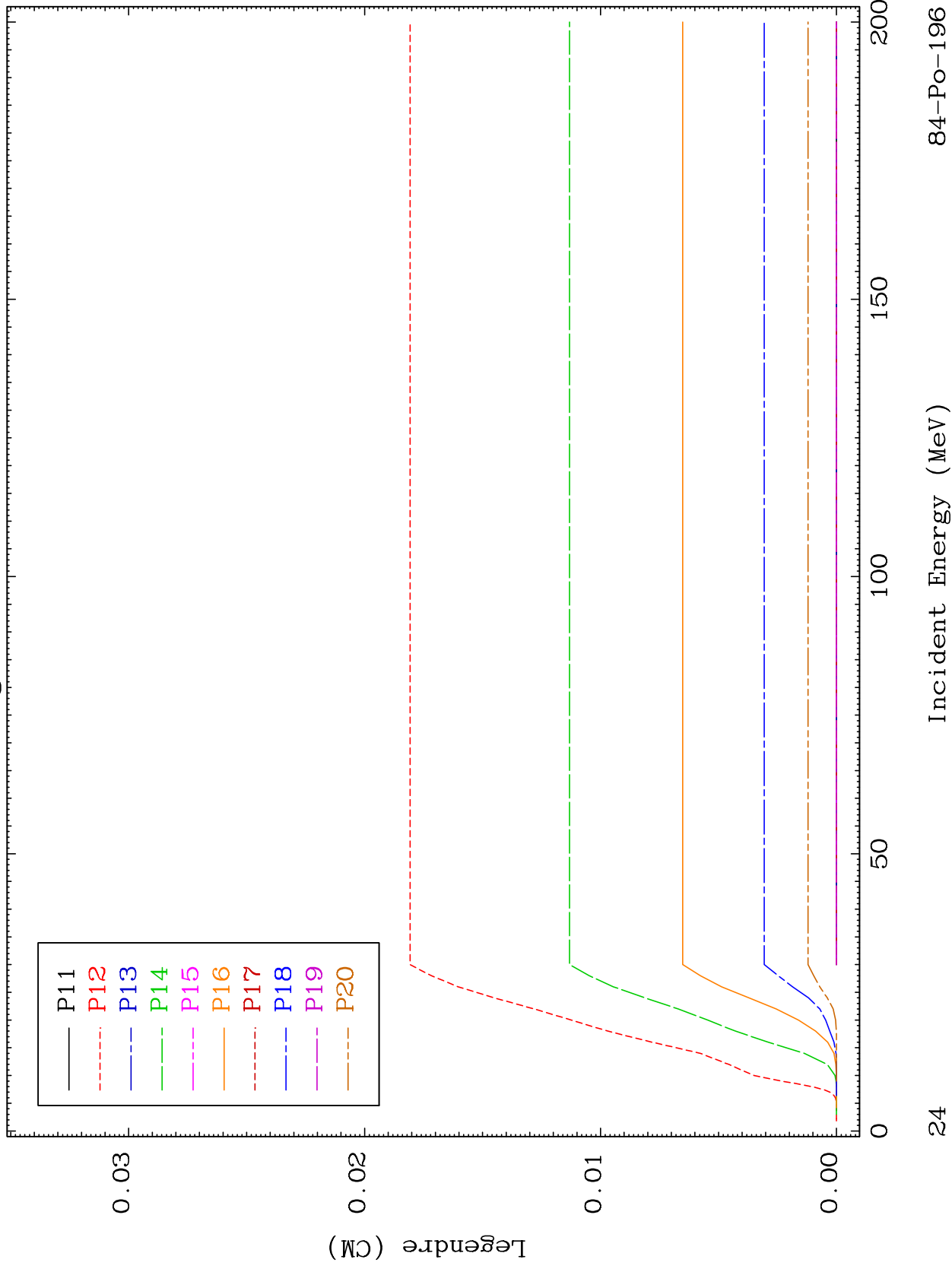
Incident Energy (MeV)

23

MAT 8395

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

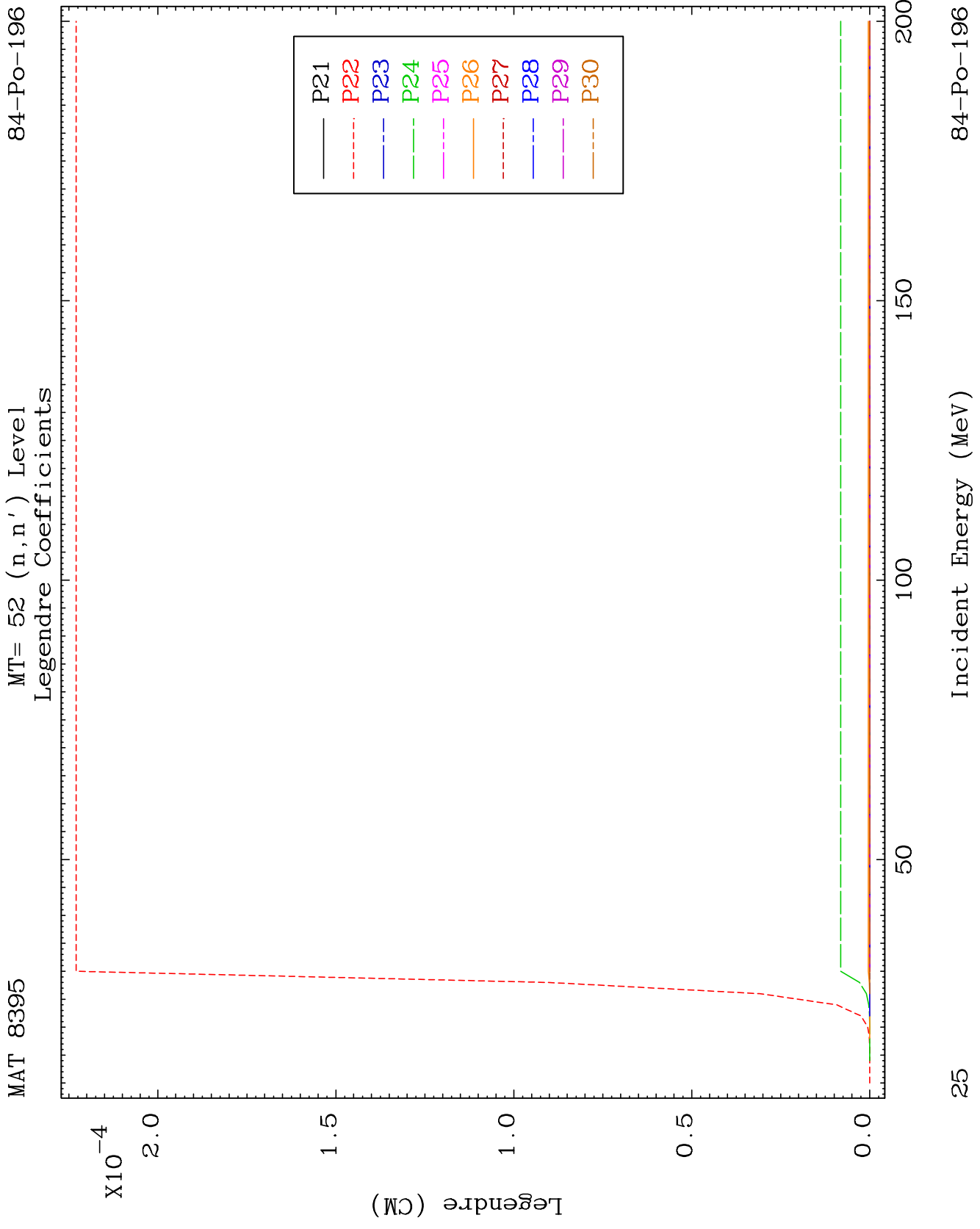
84-Po-196



84-Po-196

Incident Energy (MeV)

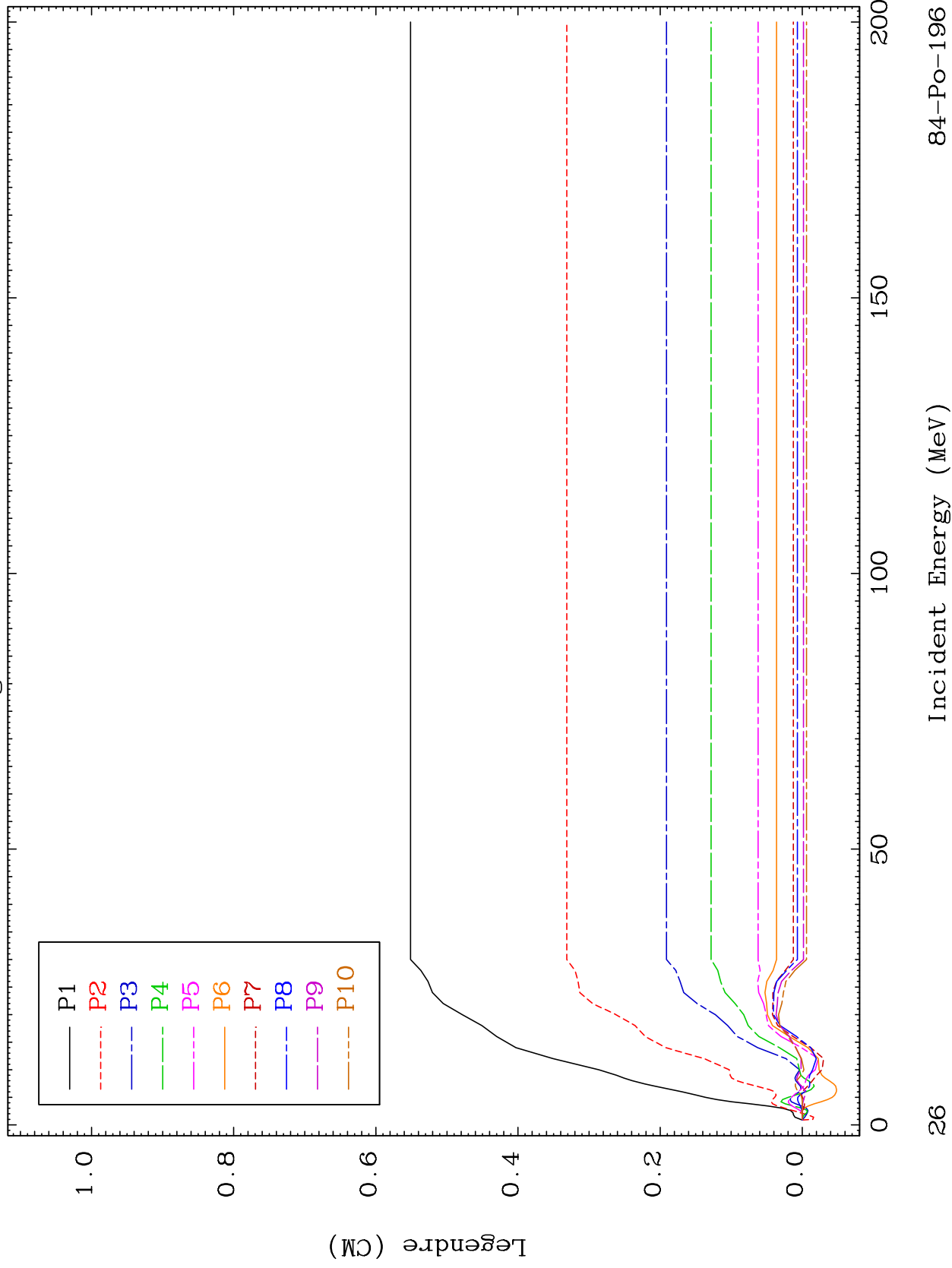
24



MAT 8395

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

84-Po-196



26

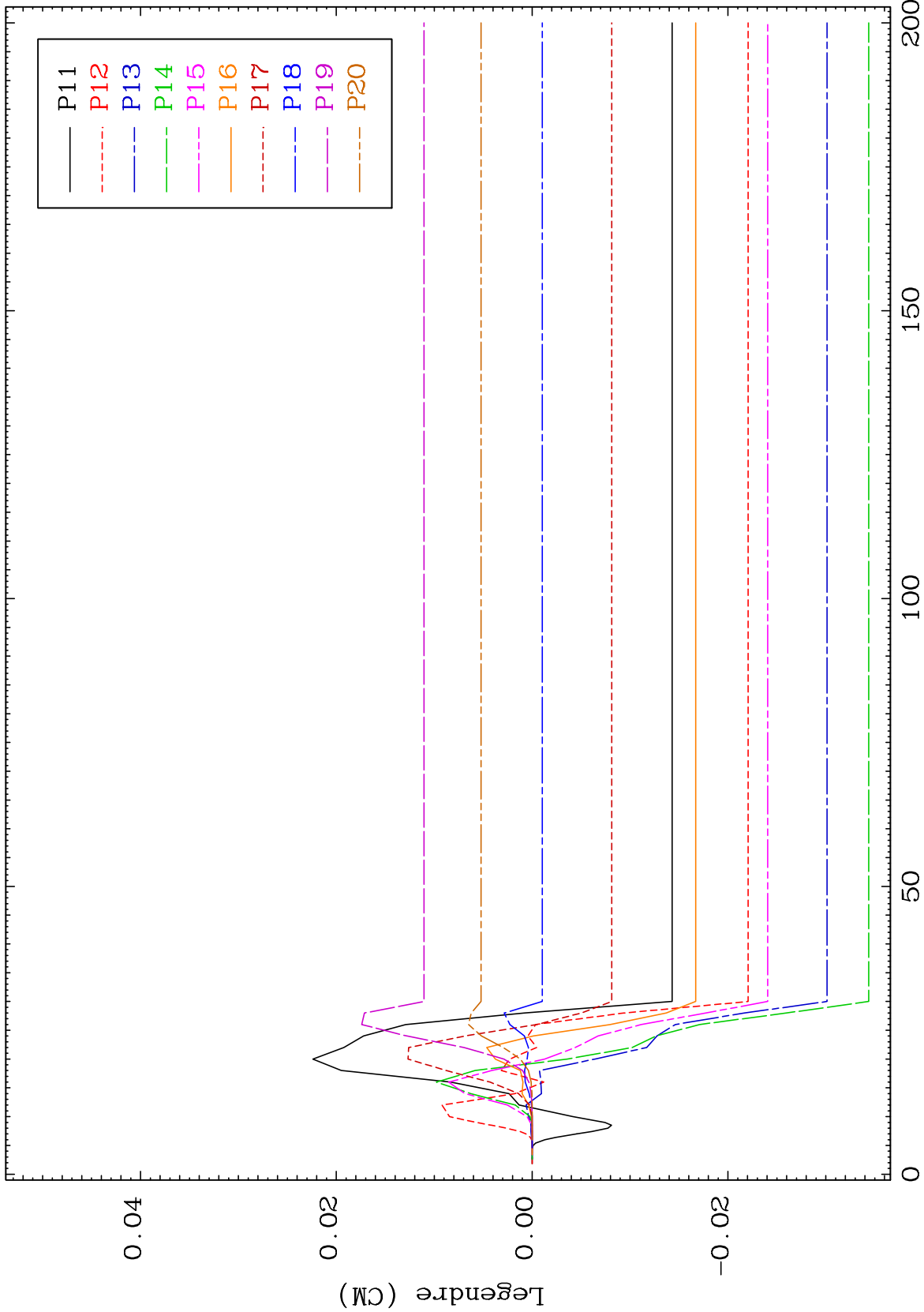
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



27

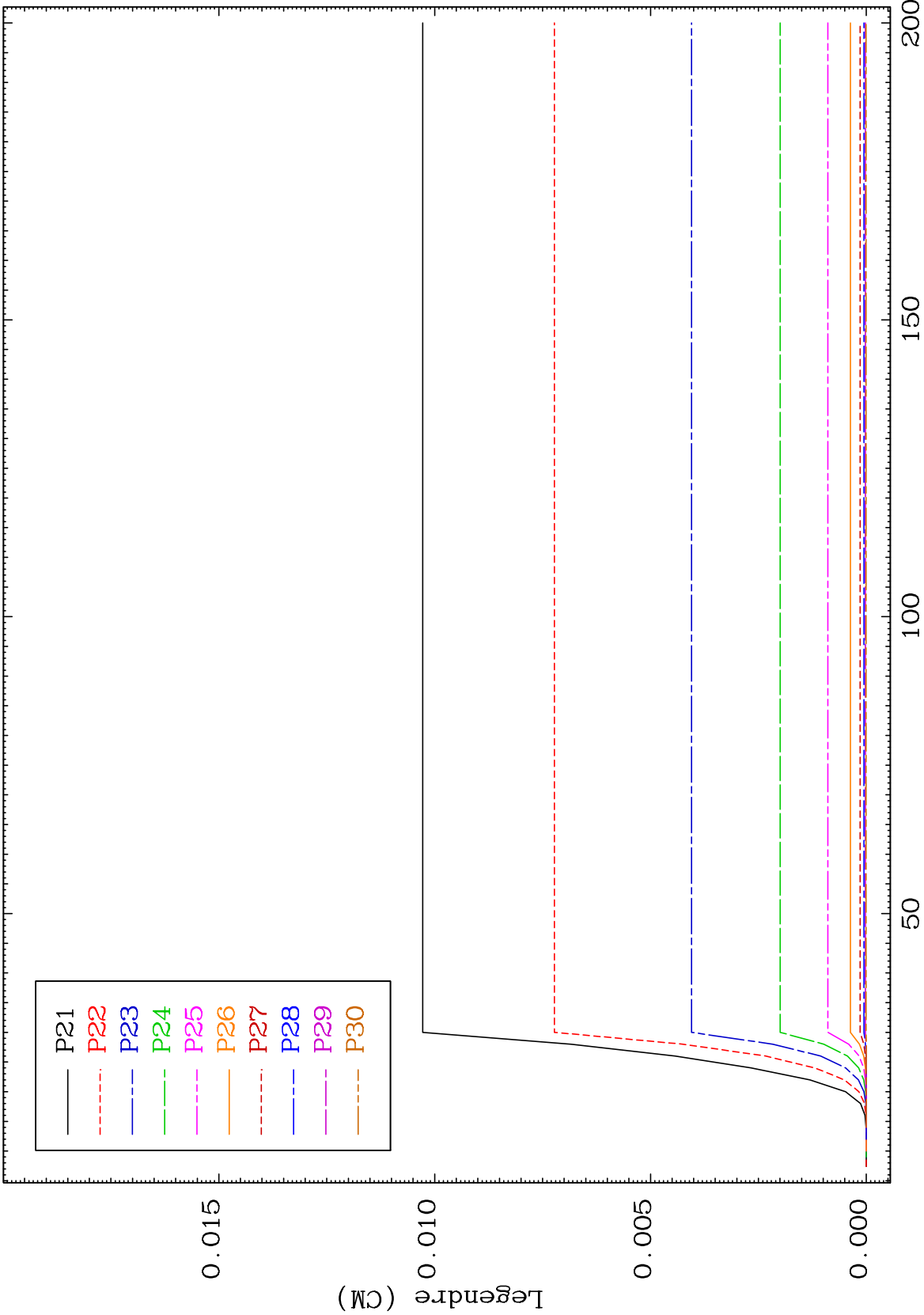
Incident Energy (MeV)

84-Po-196

MAT 8395

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

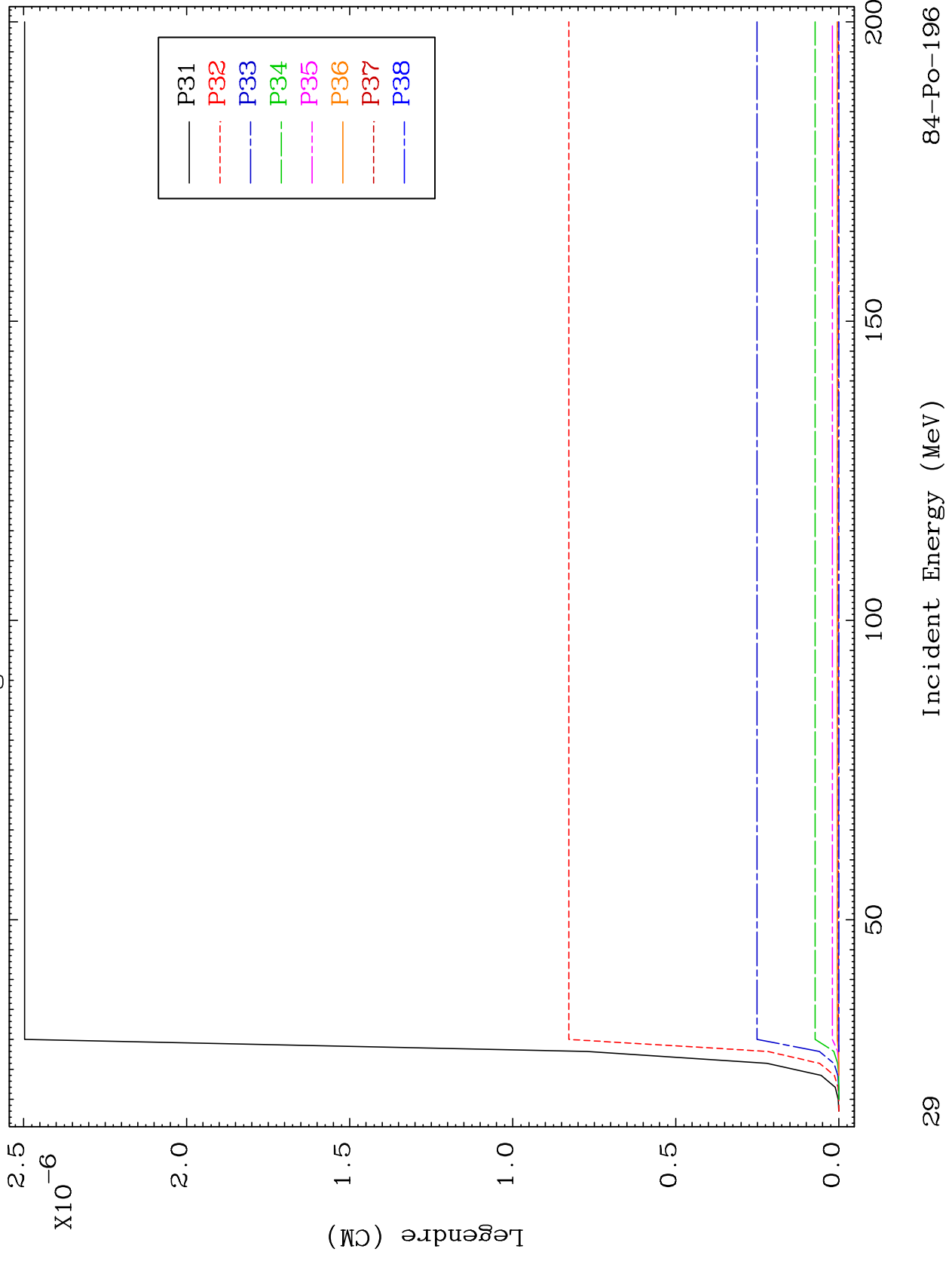
84-Po-196



28

Incident Energy (MeV)

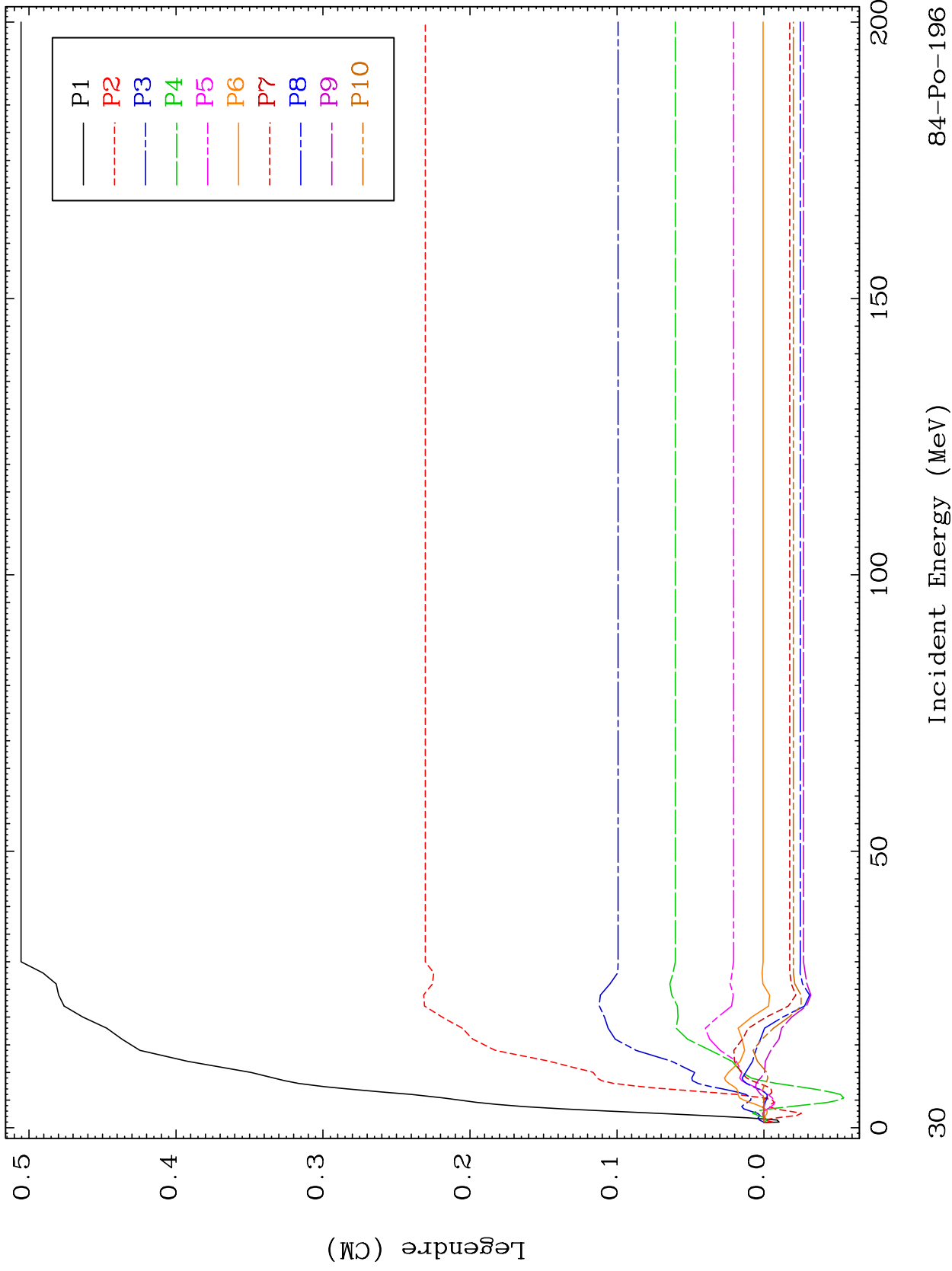
84-Po-196



MAT 8395

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

84-Po-196



84-Po-196

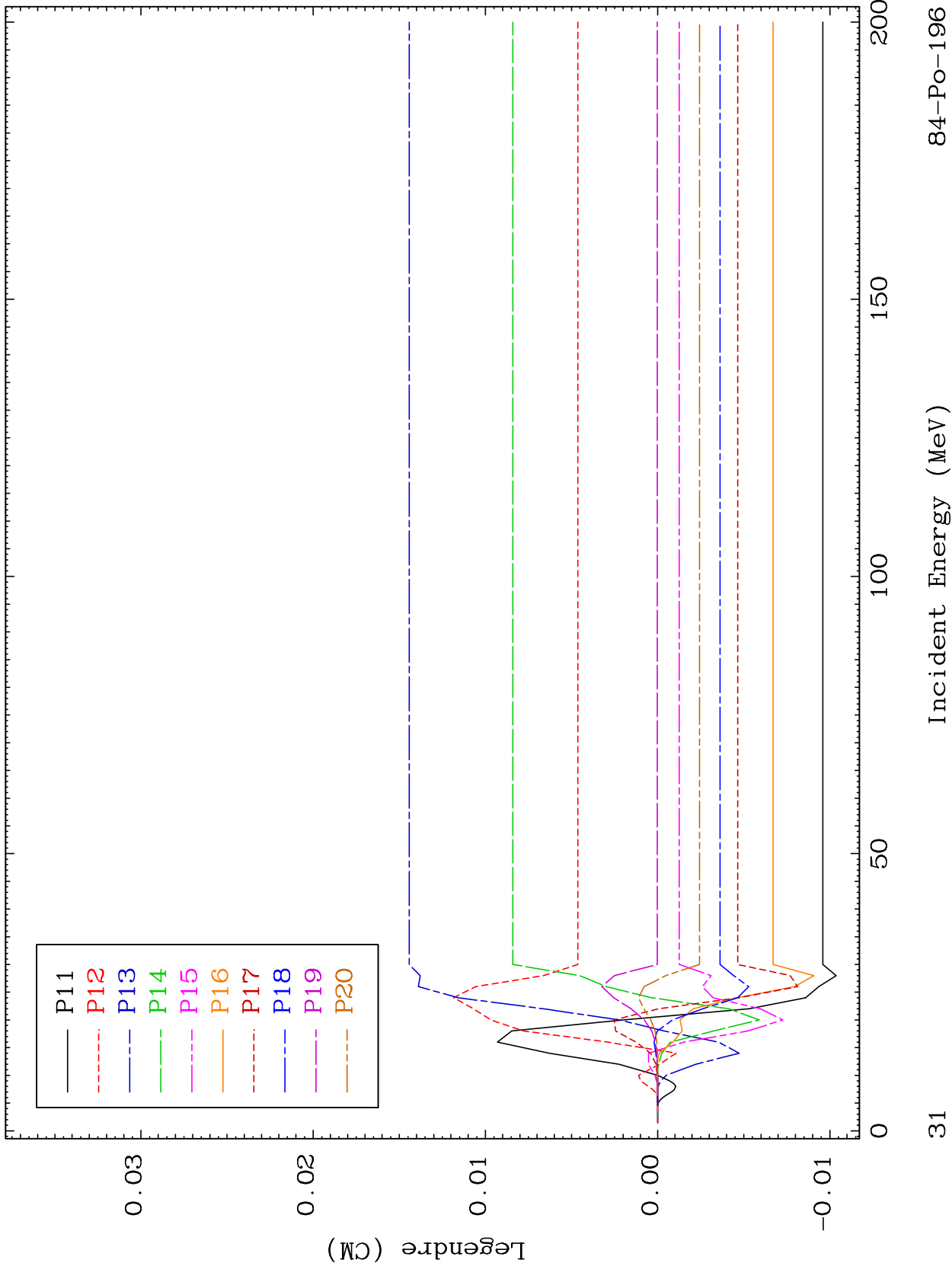
Incident Energy (MeV)

30

MAT 8395

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

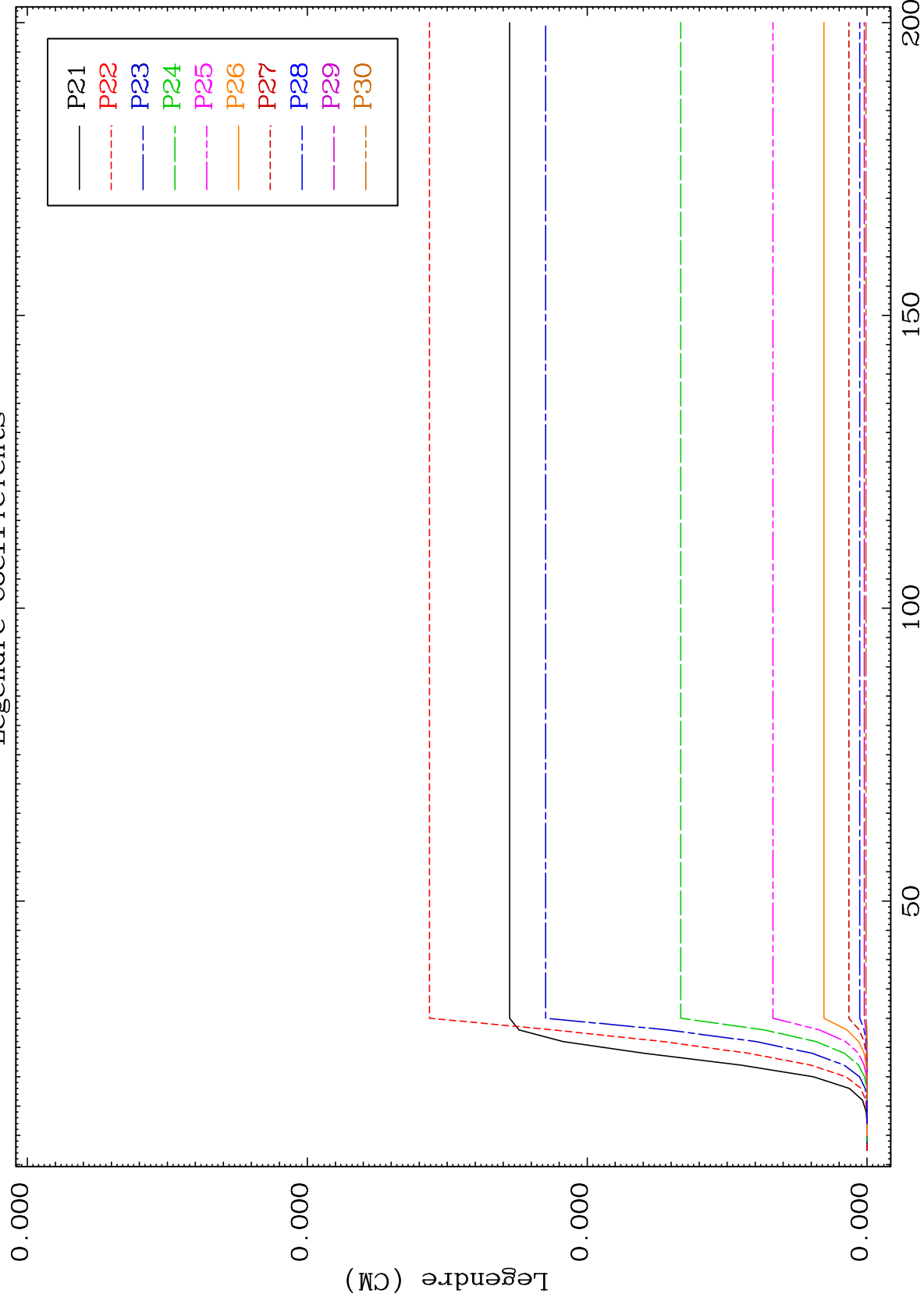
84-Po-196



MAT 8395

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

84-Po-196



32

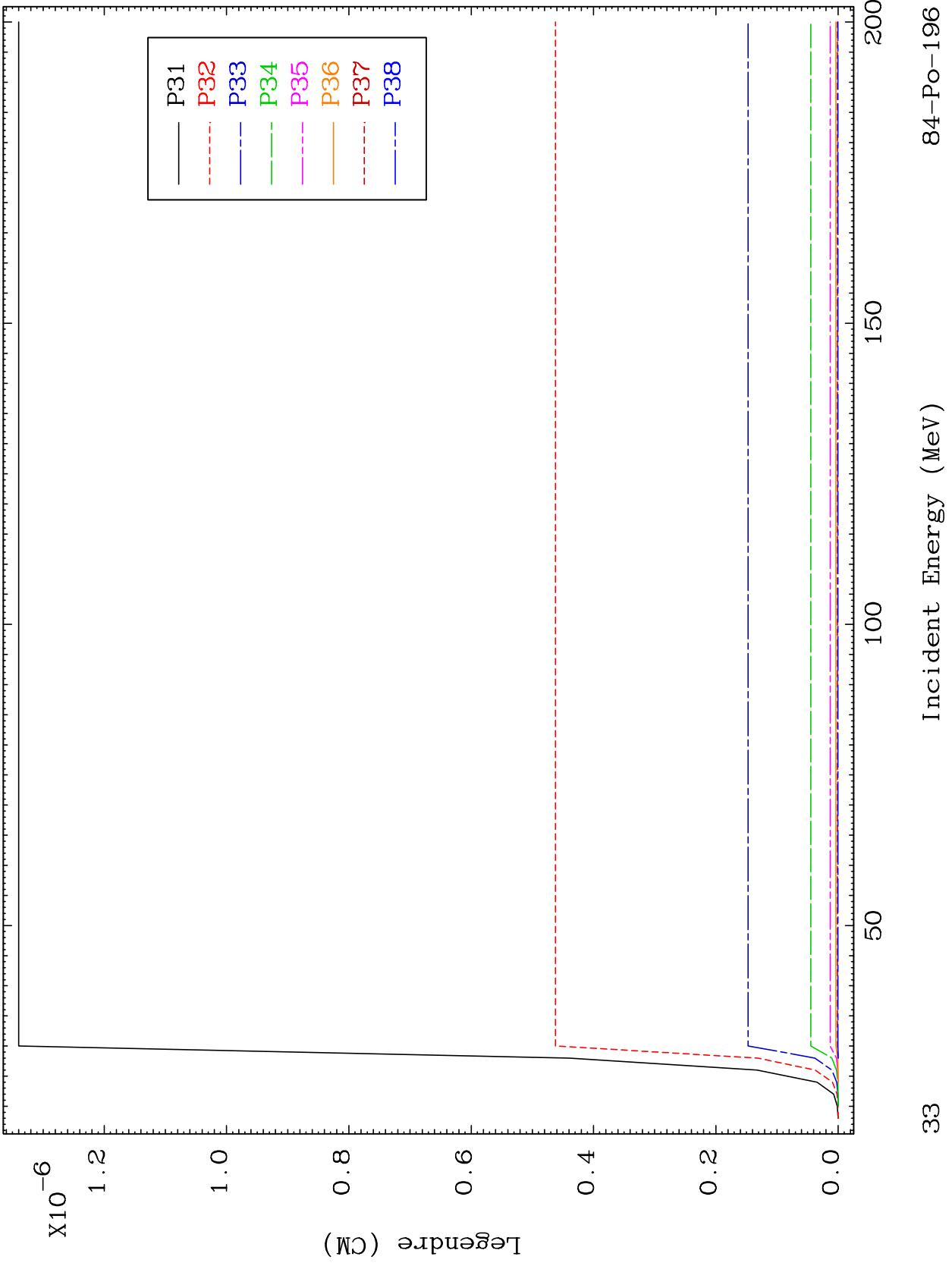
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



33

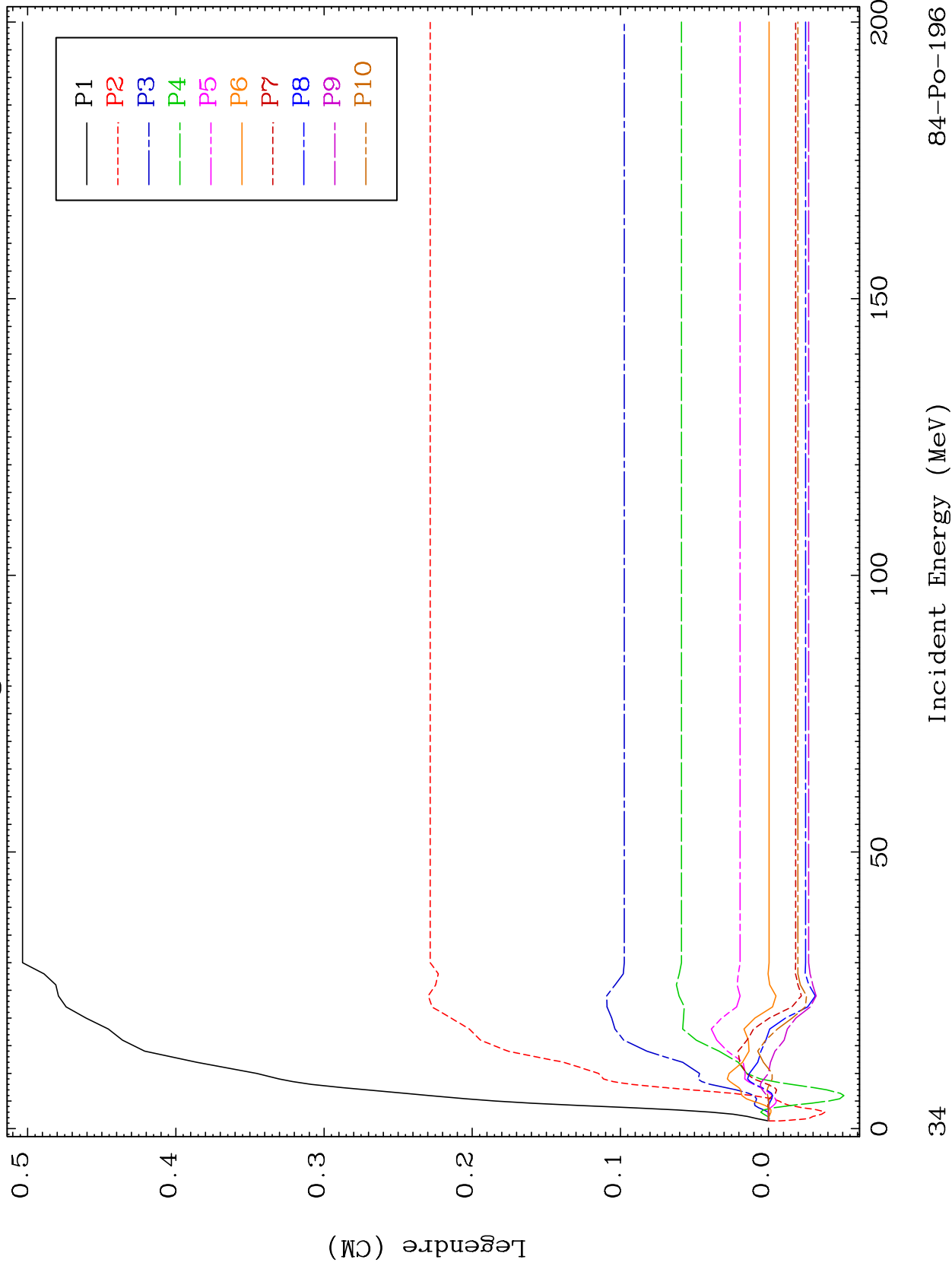
84-Po-196

MAT 8395

MT= 55 (n,n') Level

84-Po-196

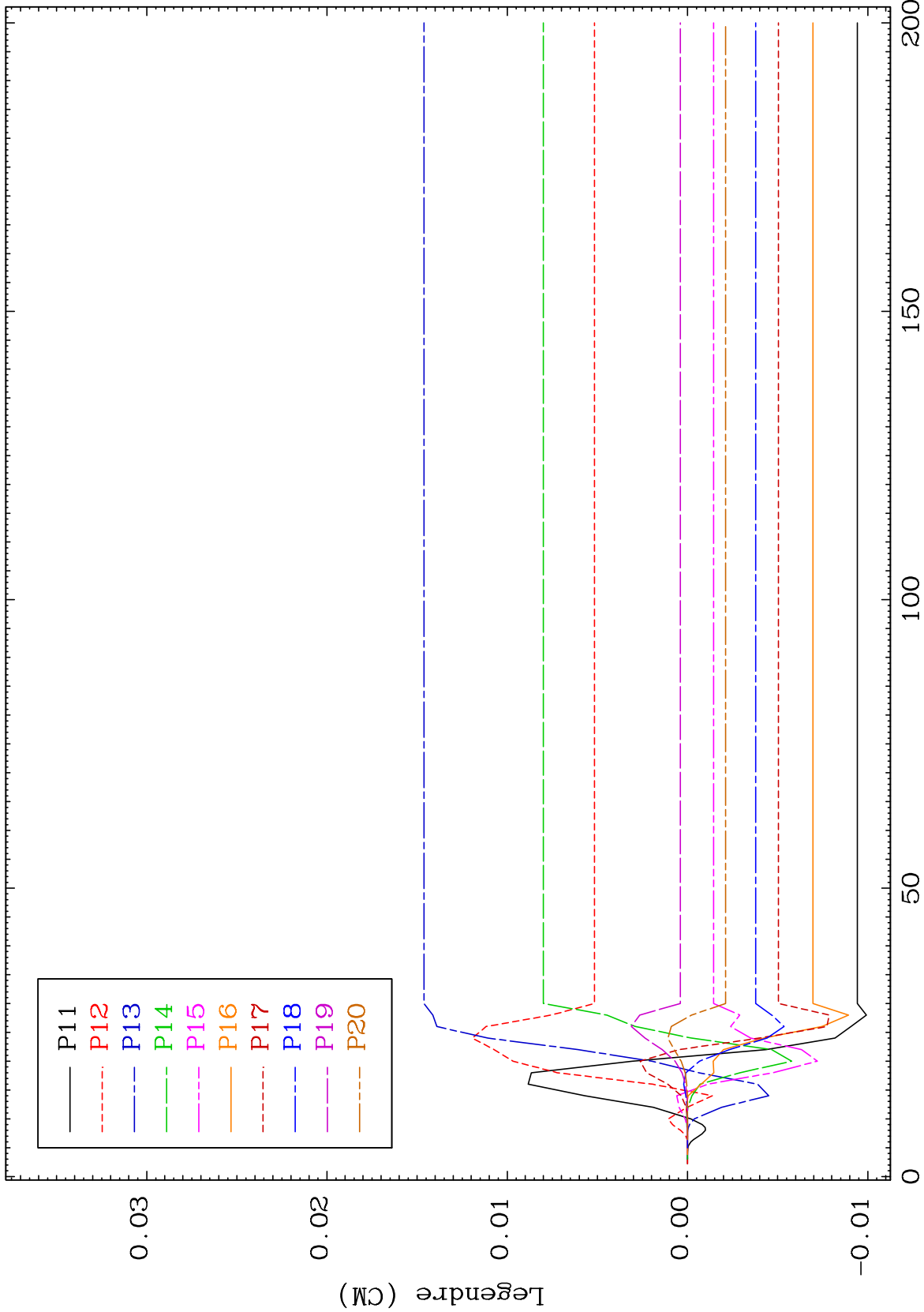
Legendre Coefficients



MAT 8395

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

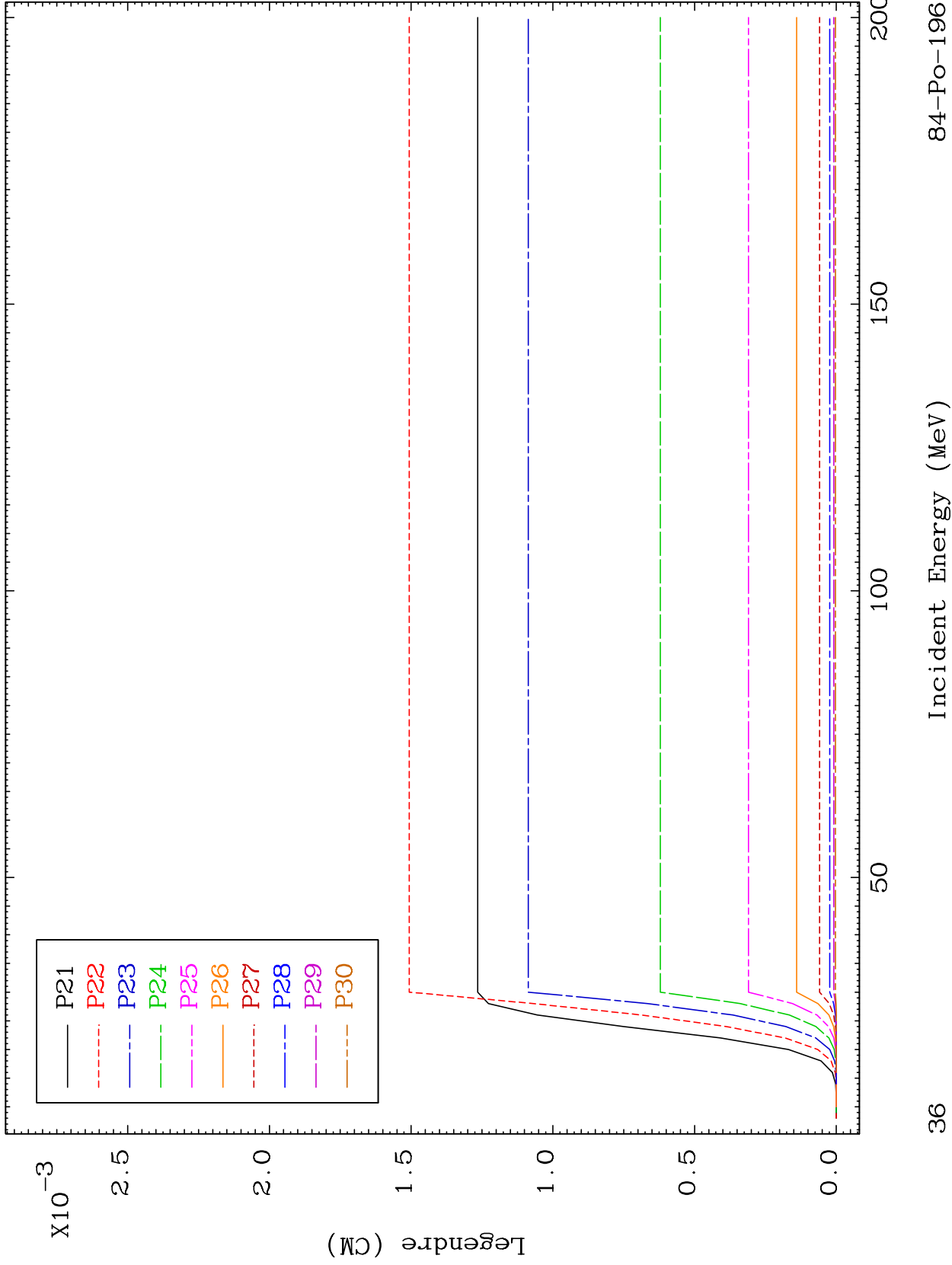
84-Po-196



35

Incident Energy (MeV)

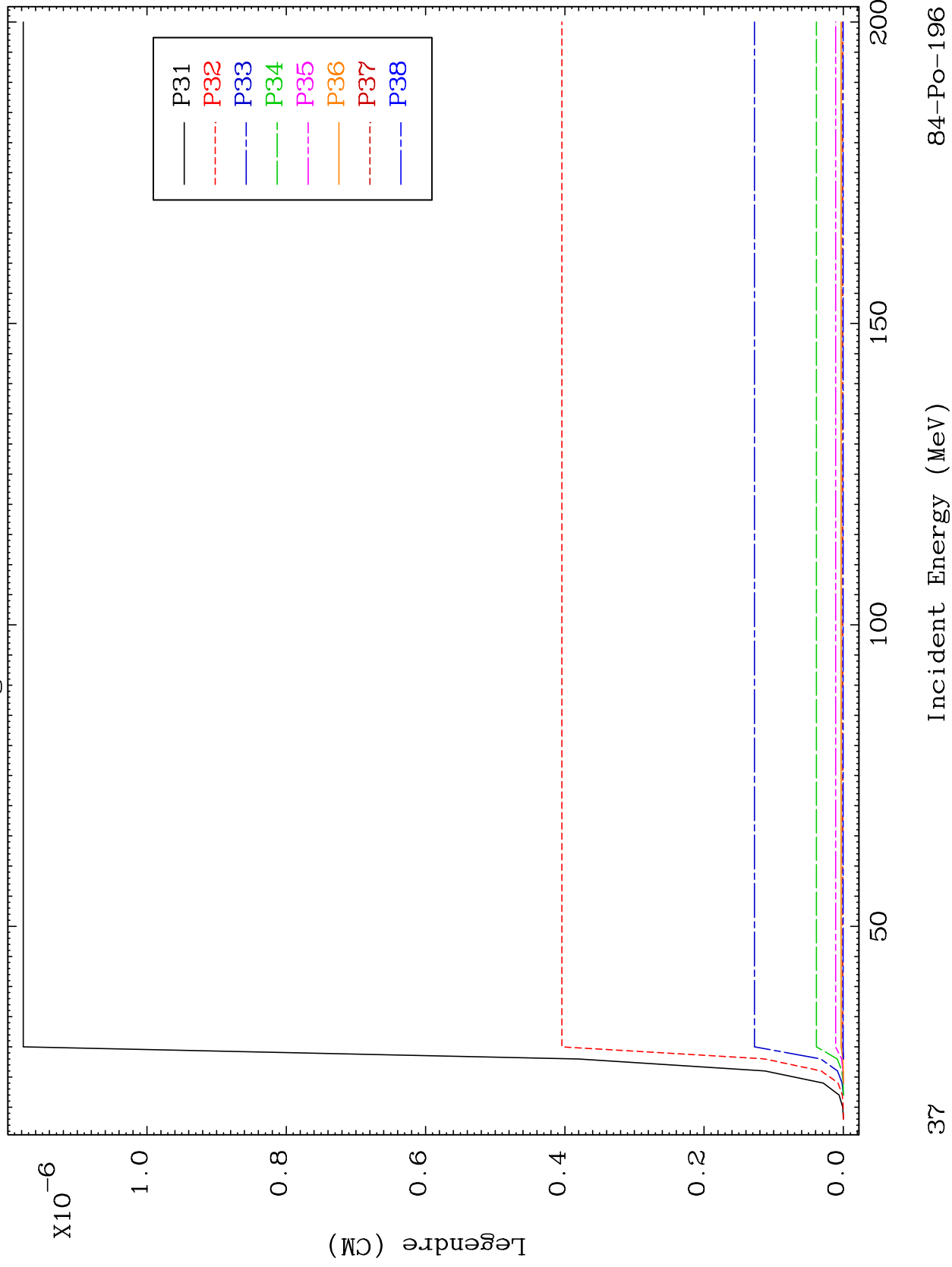
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MAT 8395

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

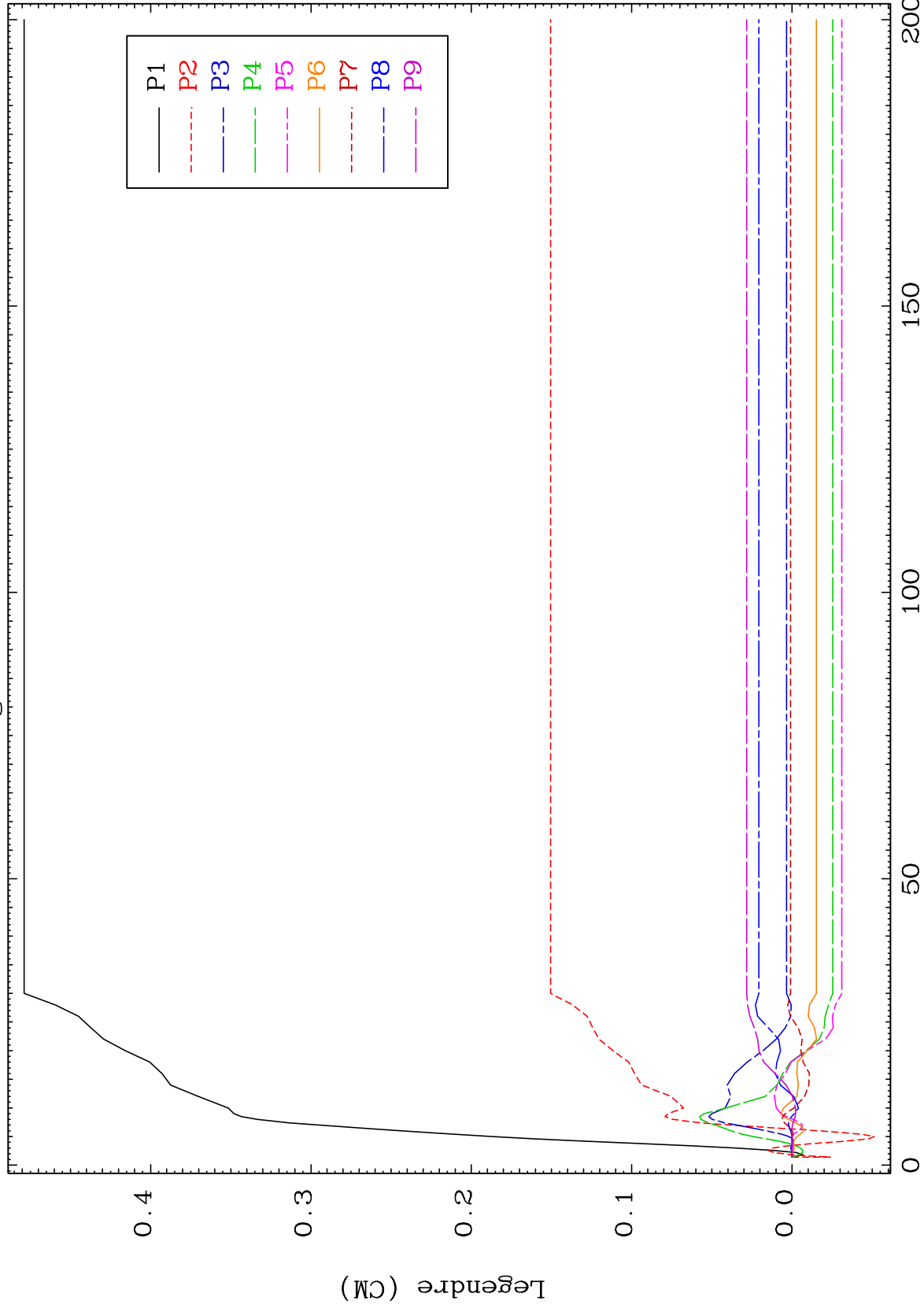
84-Po-196



MAT 8395

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

84-Po-196



38

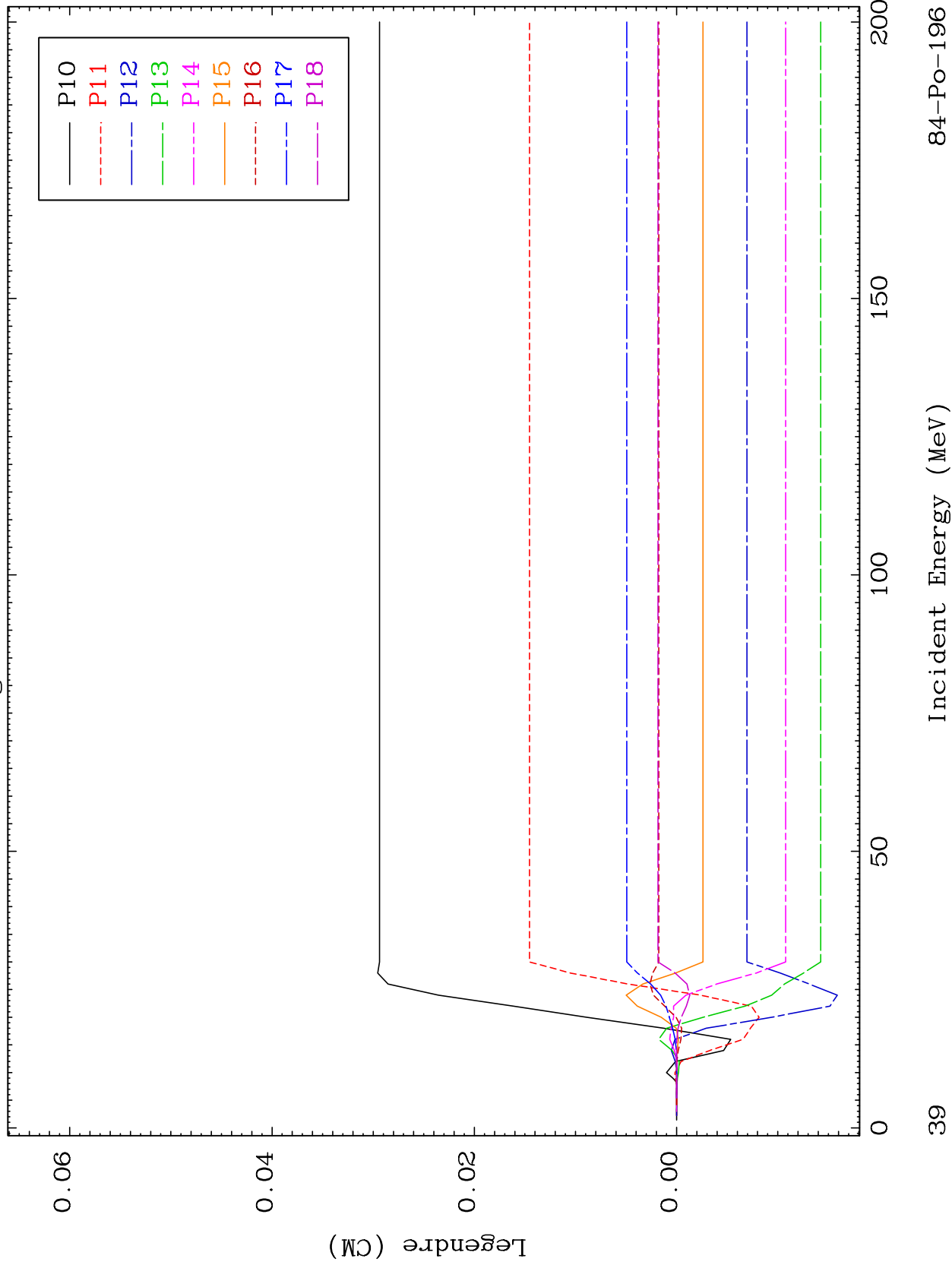
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



84-Po-196

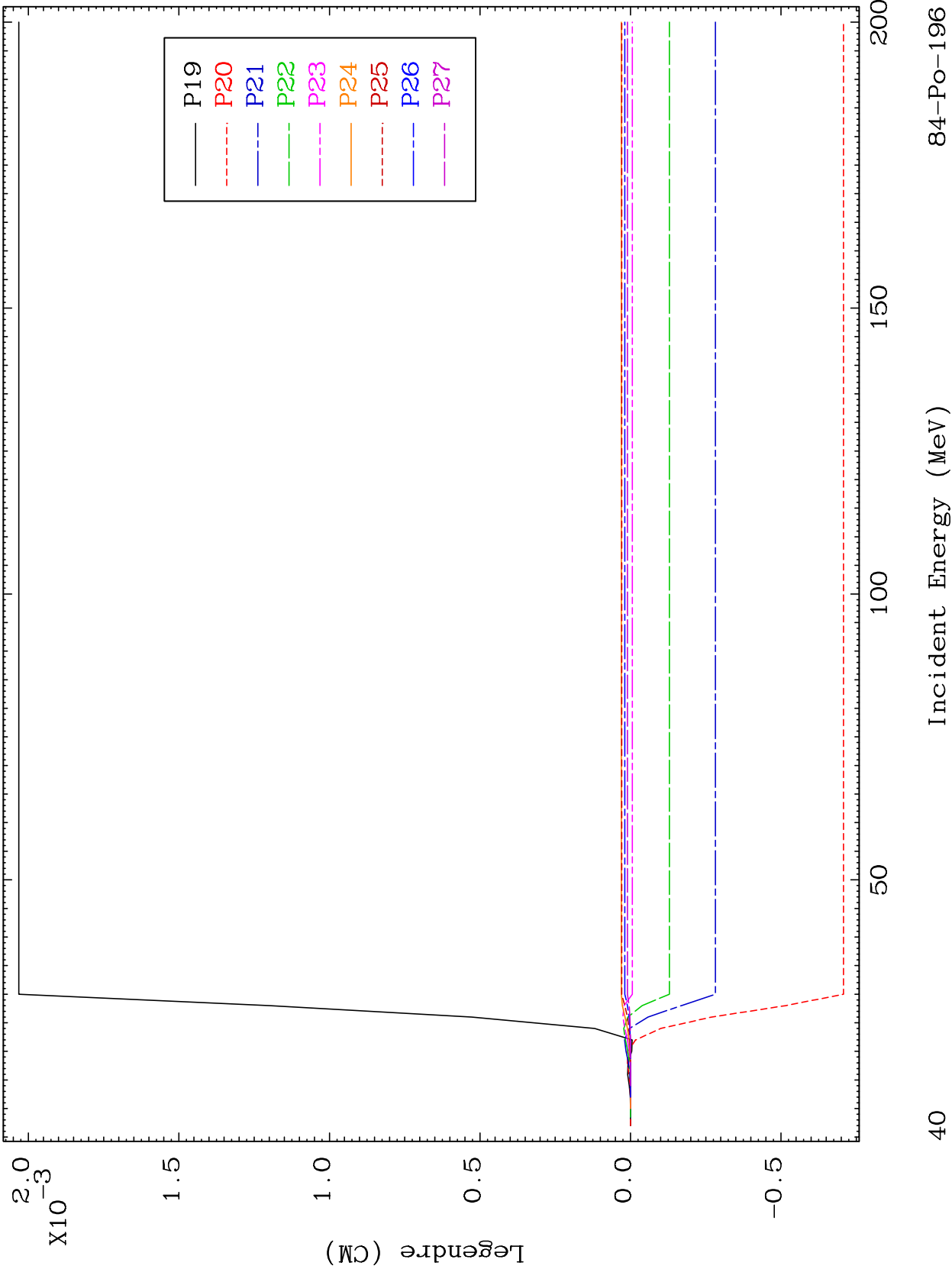
Incident Energy (MeV)

39

MAT 8395

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

84-Po-196



84-Po-196

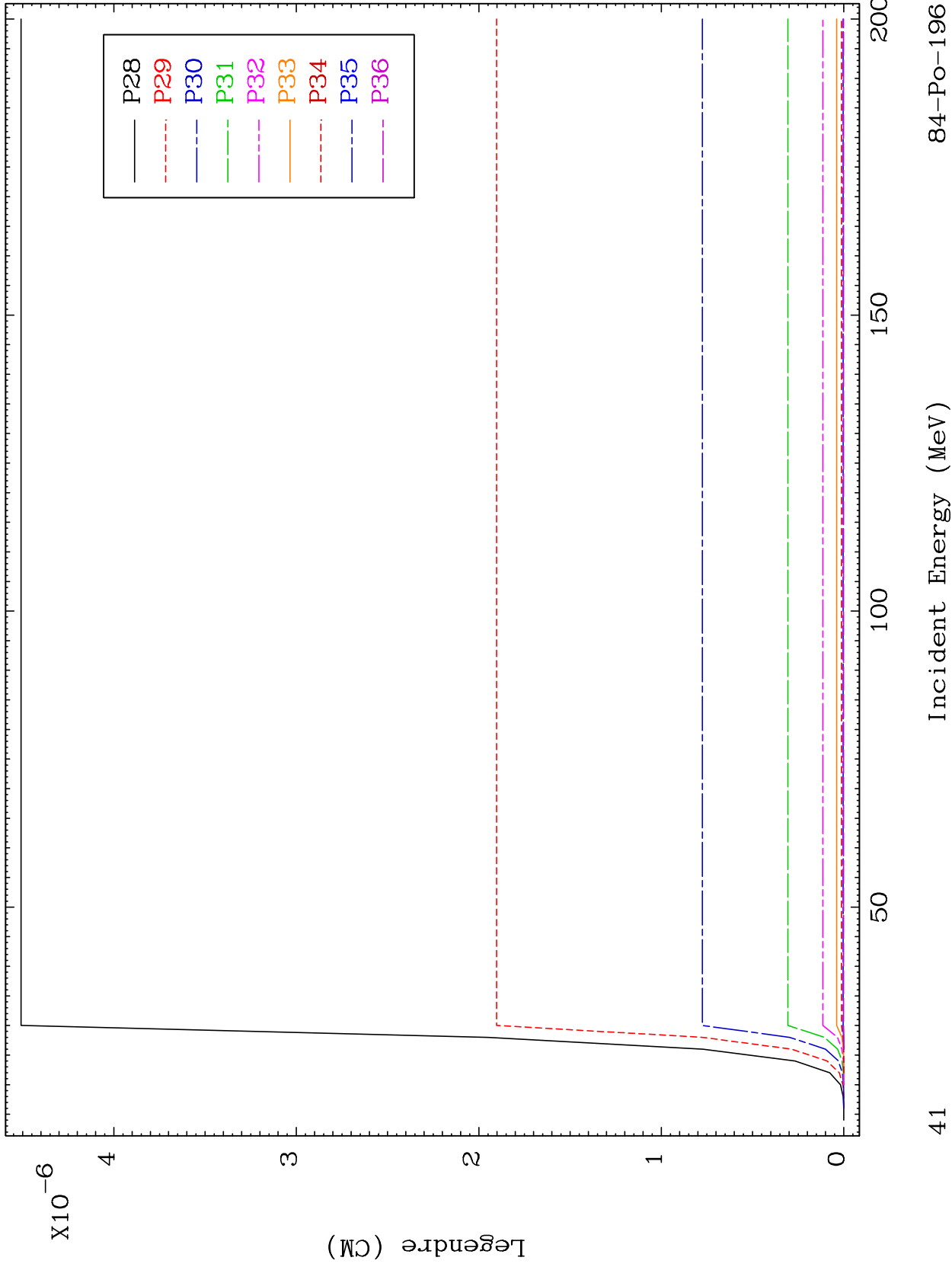
Incident Energy (MeV)

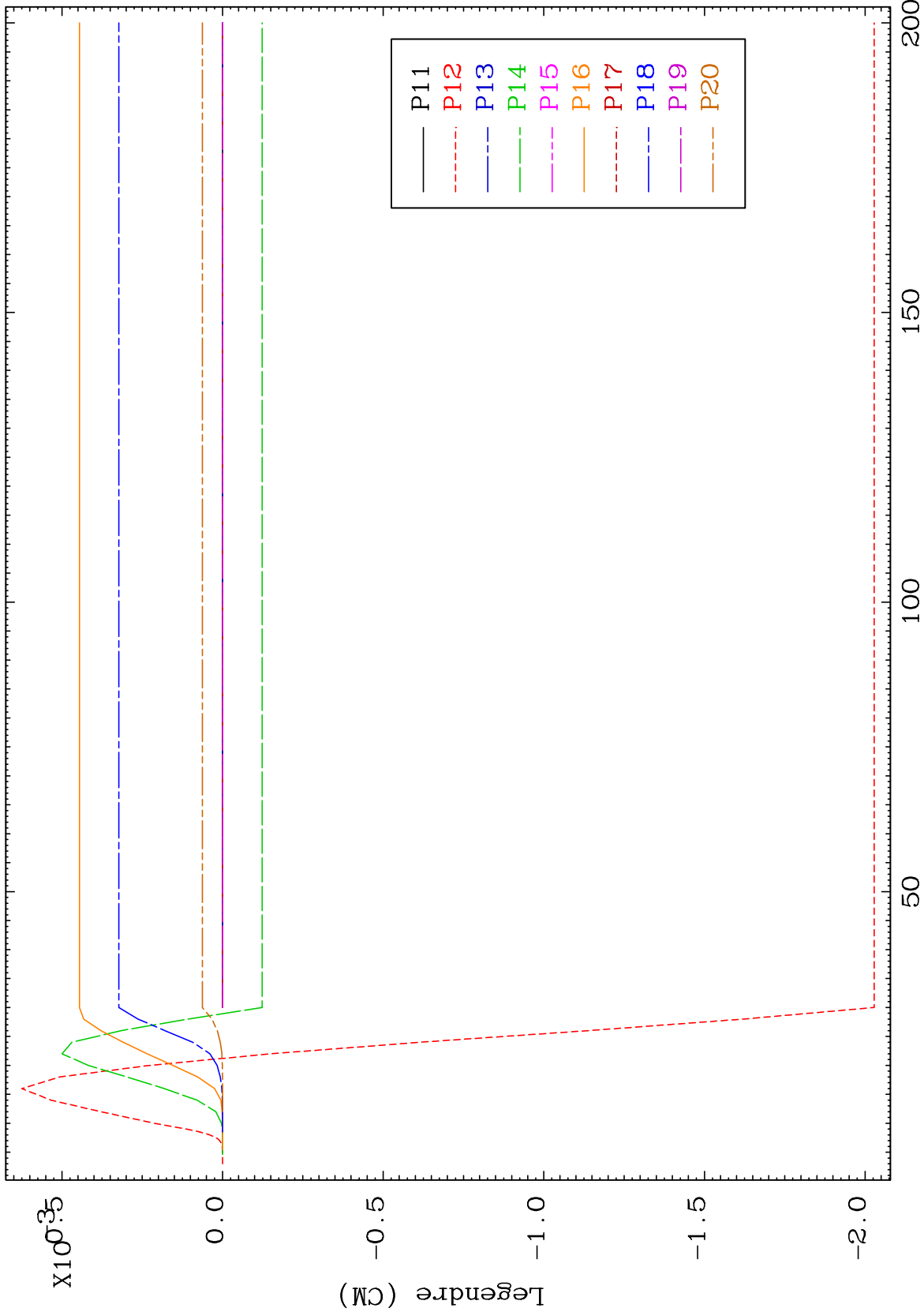
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MAT 8395

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

84-Po-196

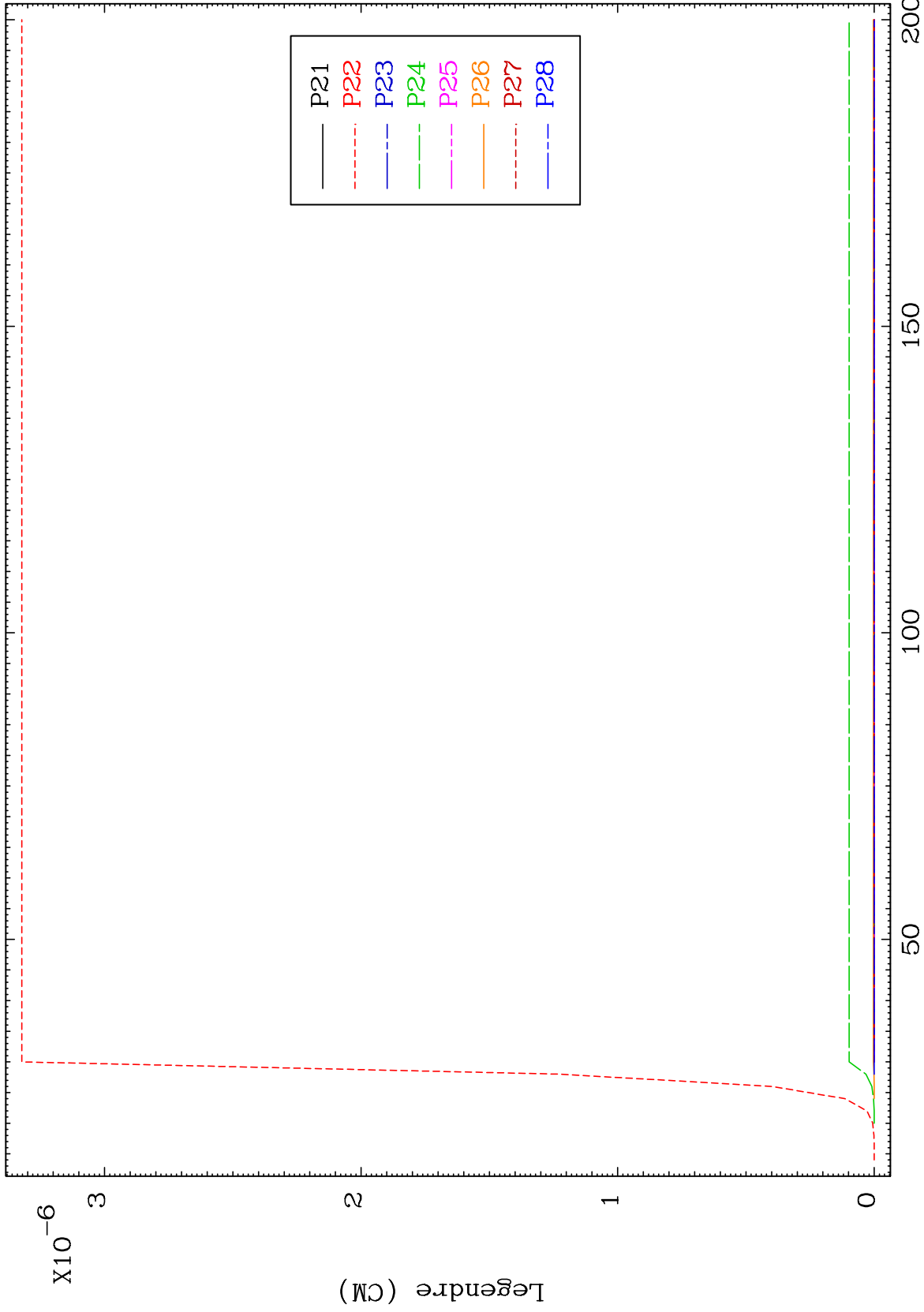




MAT 8395

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

84-Po-196



44

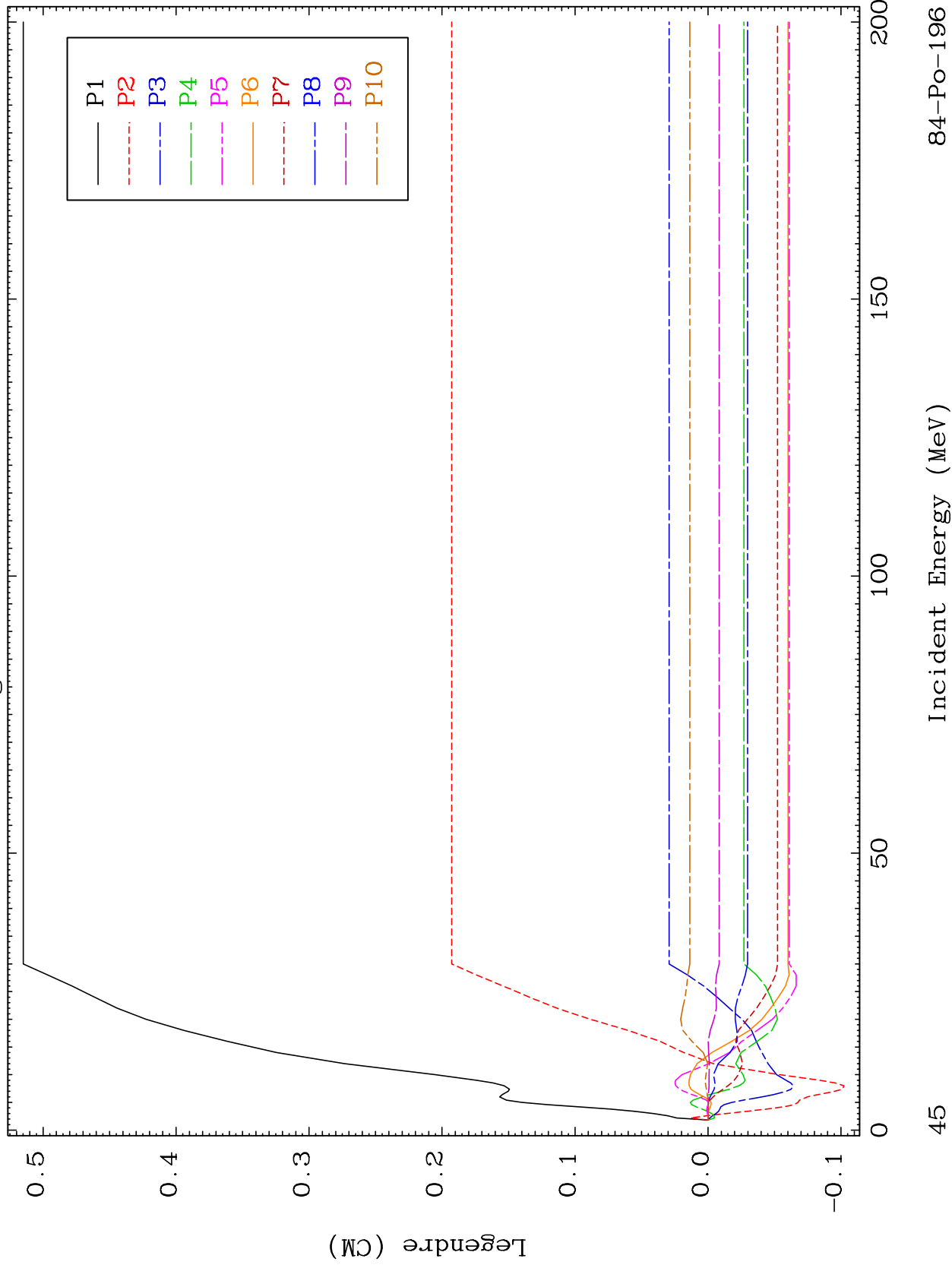
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



84-Po-196

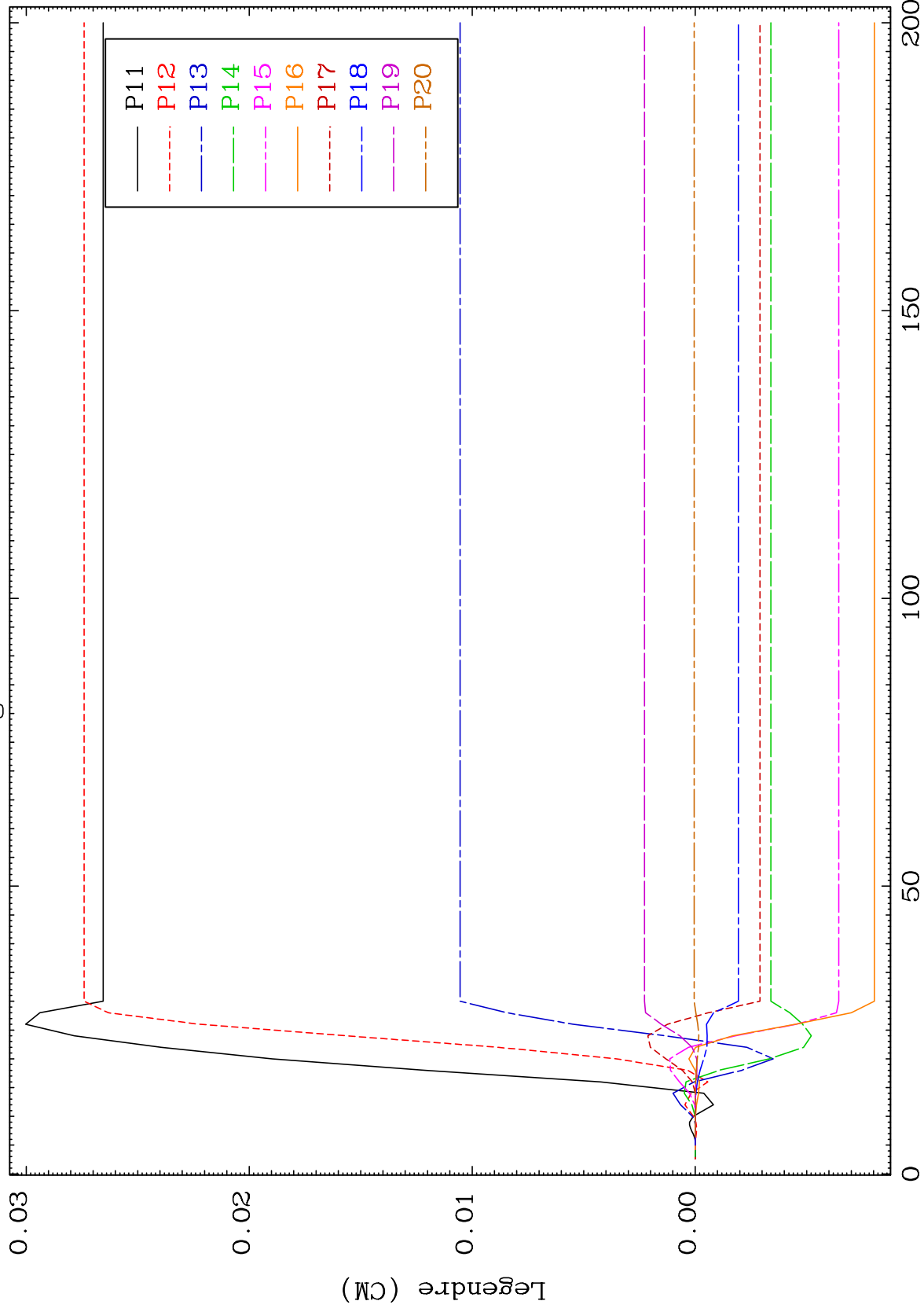
Incident Energy (MeV)

45

MAT 8395

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

84-Po-196



46

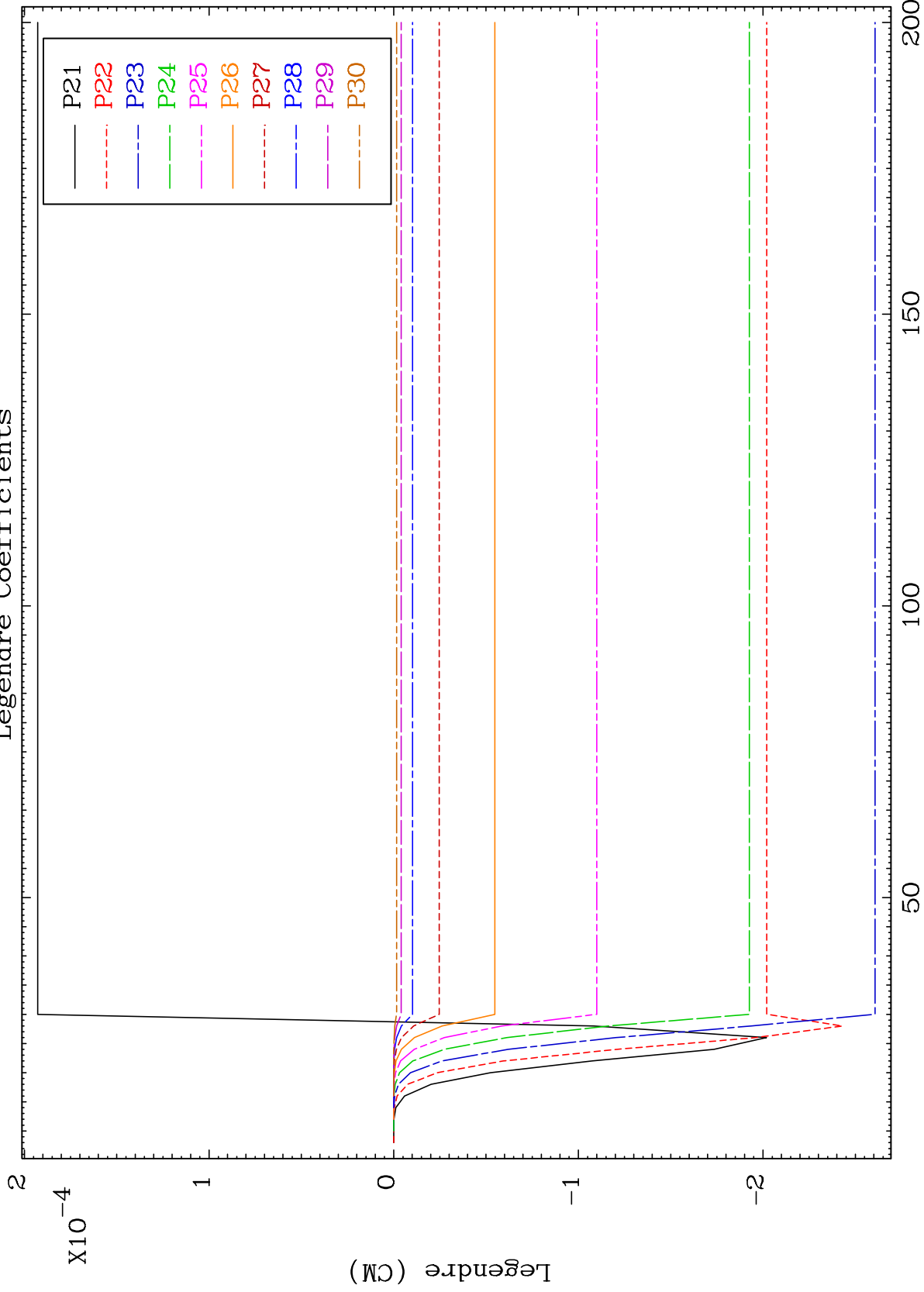
Incident Energy (MeV)

84-Po-196

MAT 8395

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

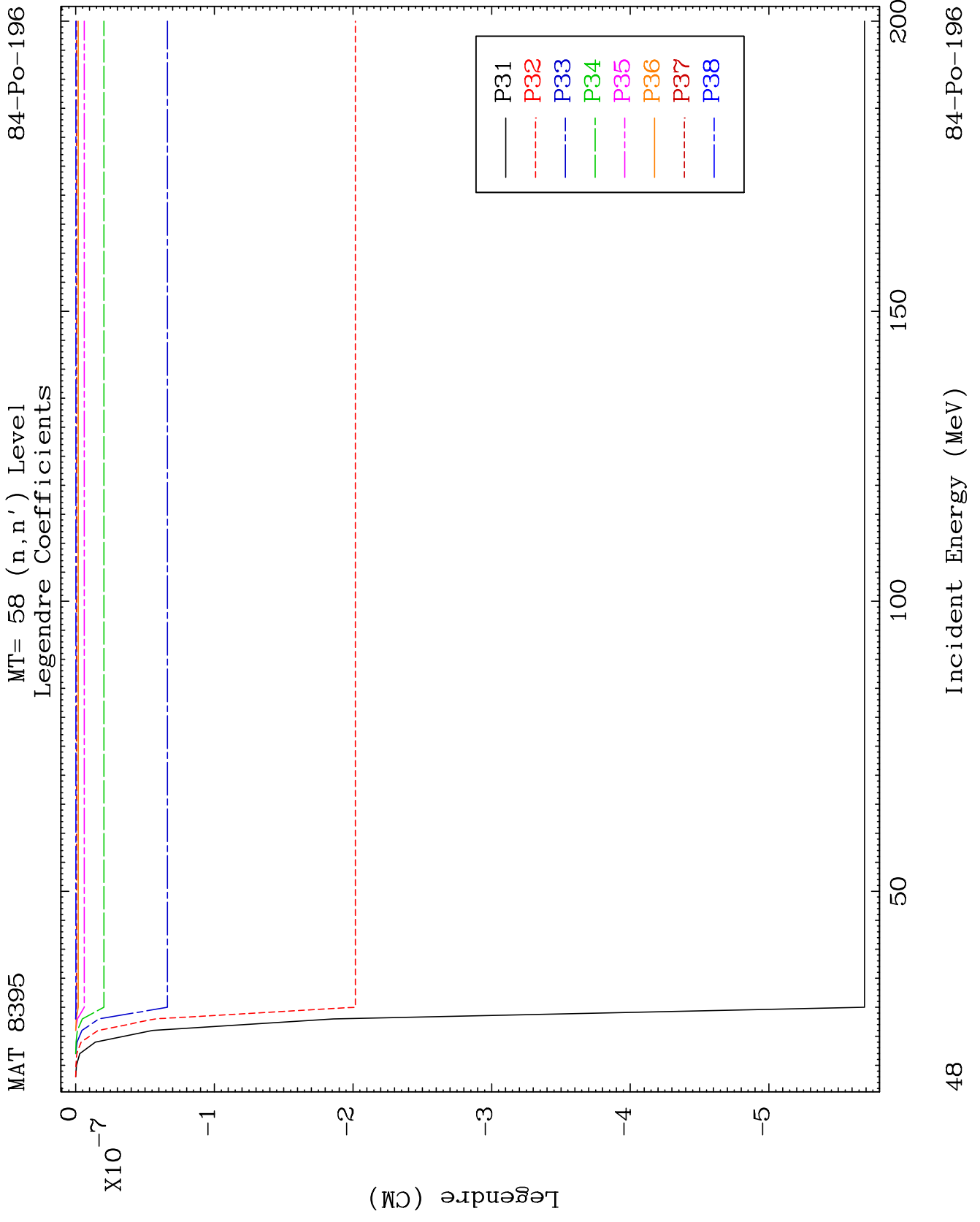
84-Po-196



47

Incident Energy (MeV)

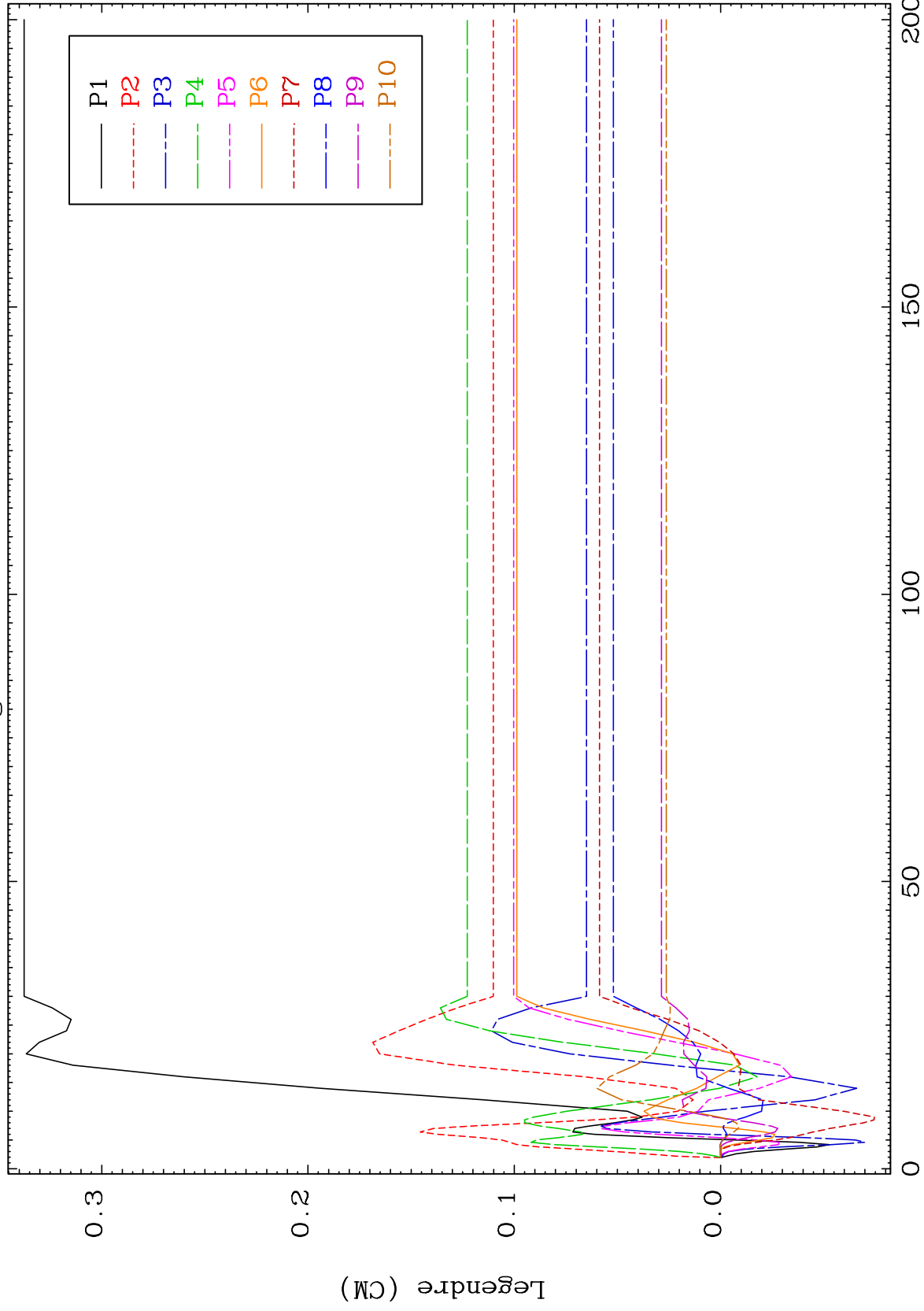
84-Po-196



MAT 8395

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

84-Po-196



49

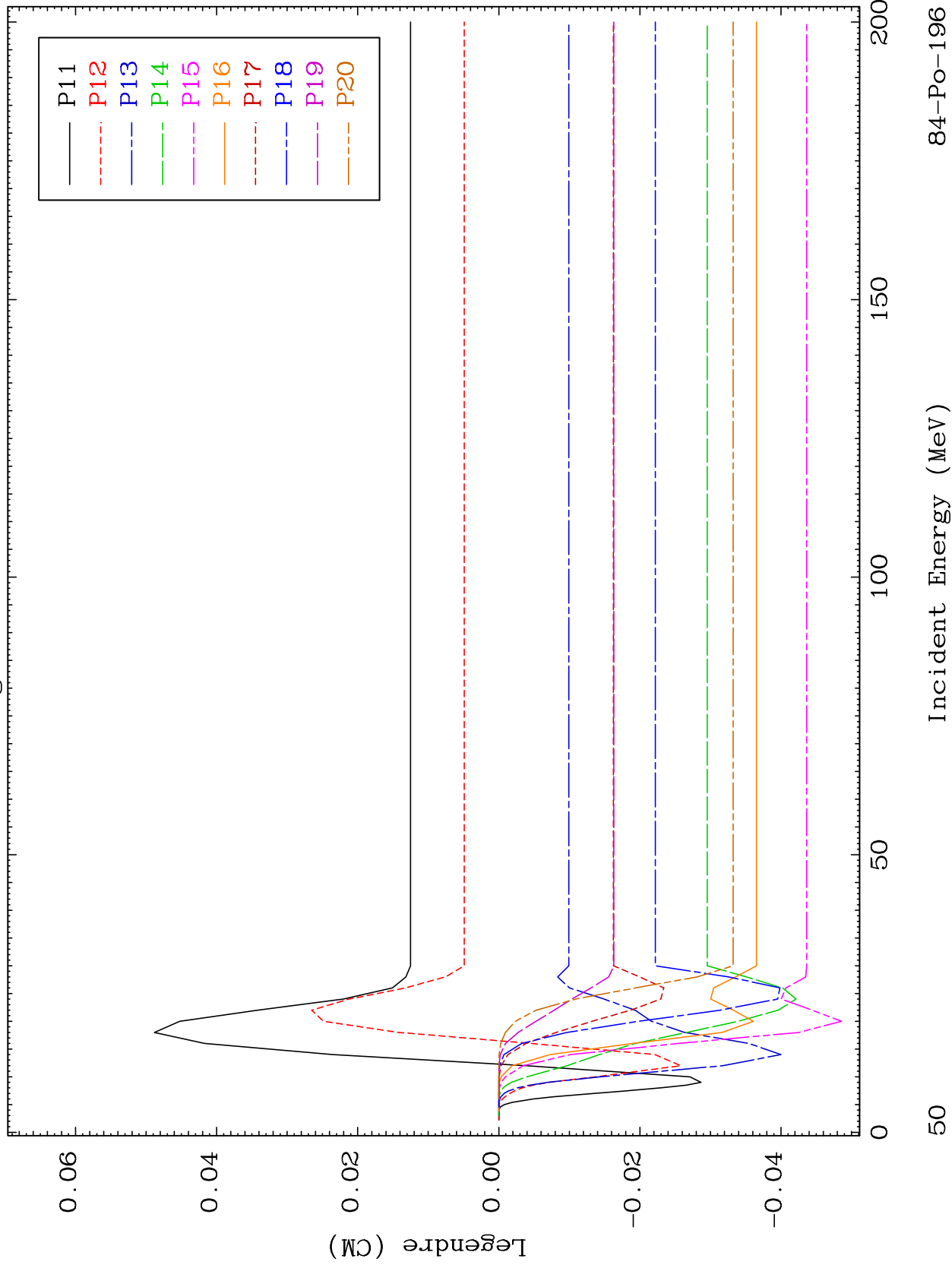
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



84-Po-196

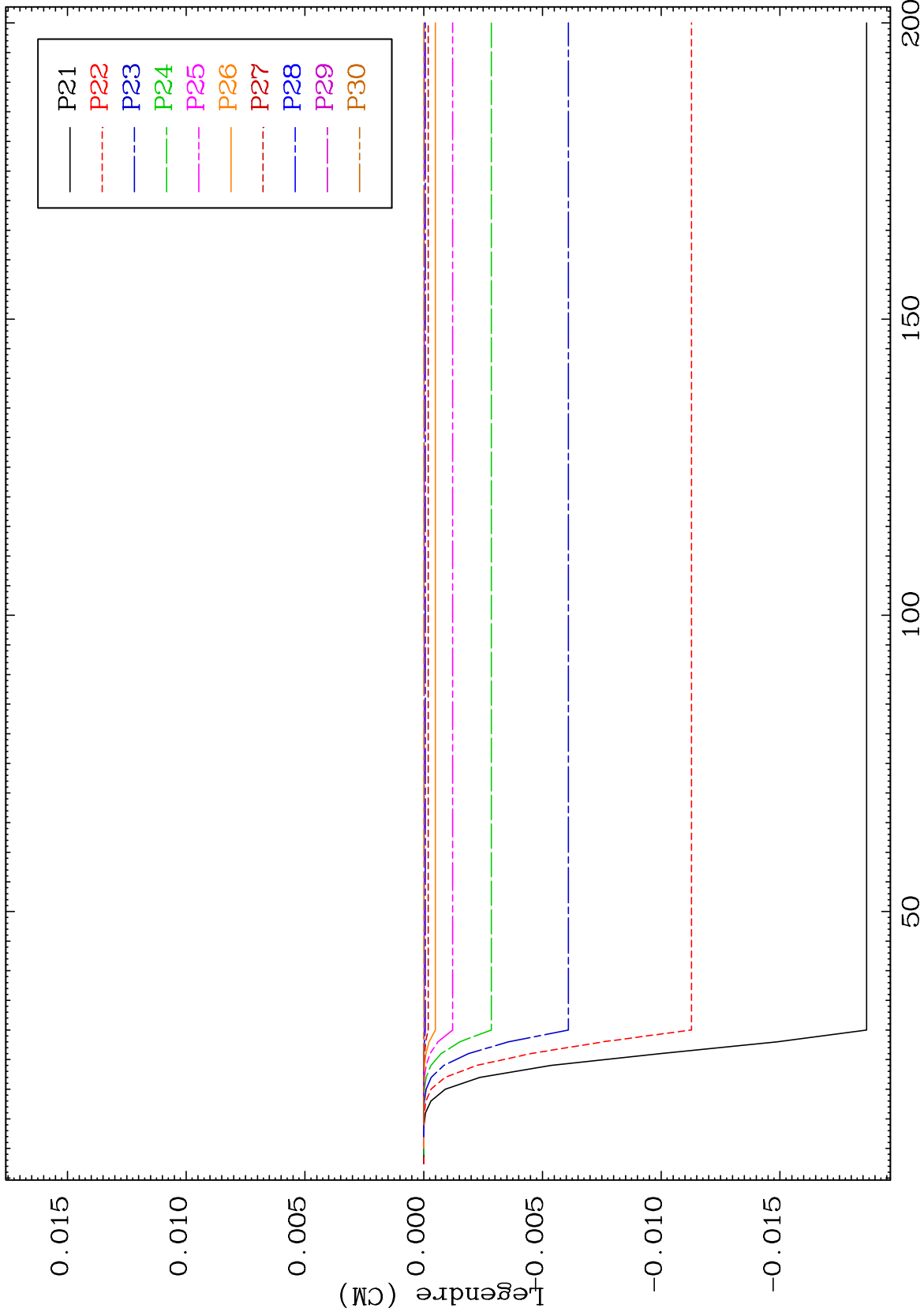
Incident Energy (MeV)

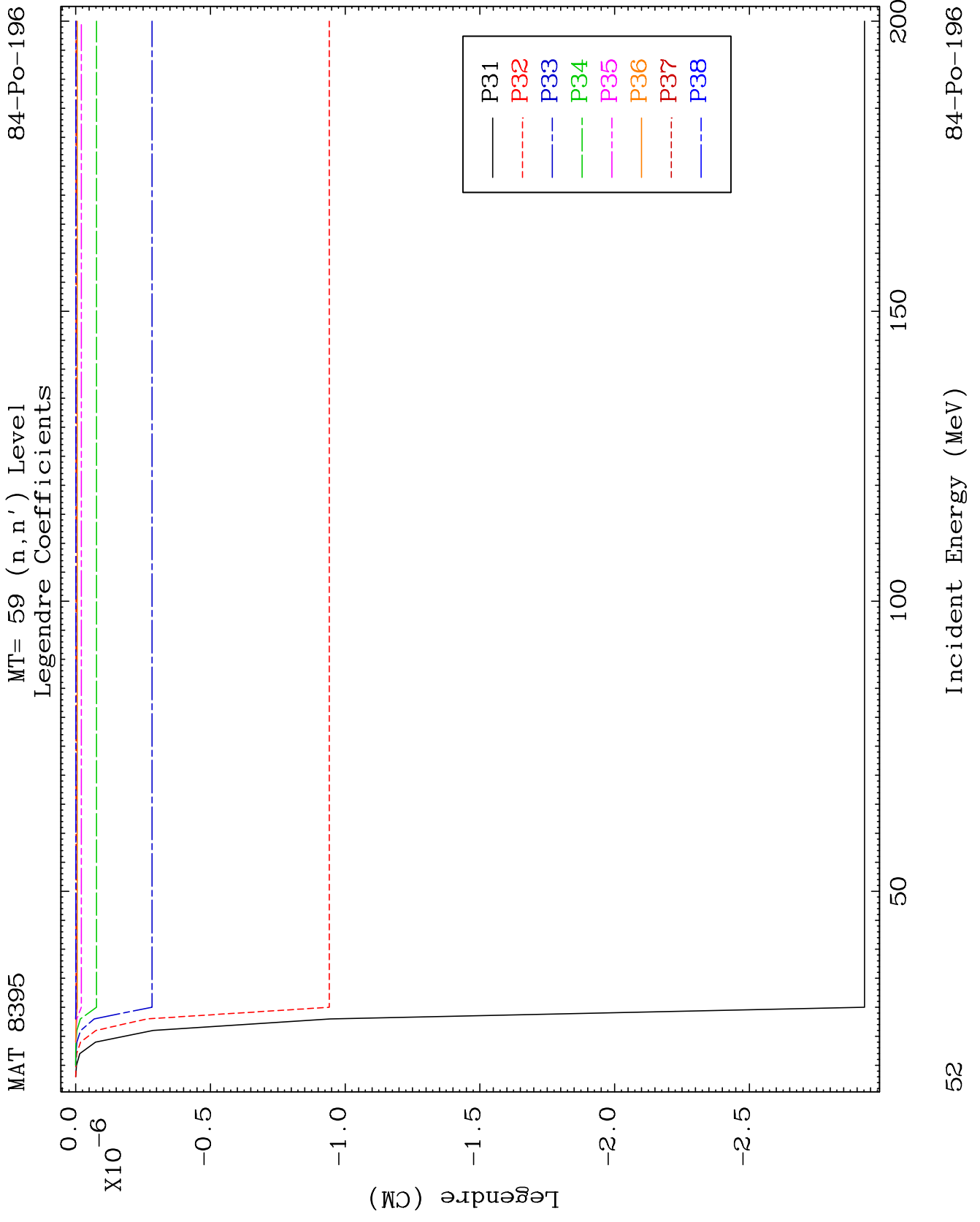
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MAT 8395

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

84-Po-196

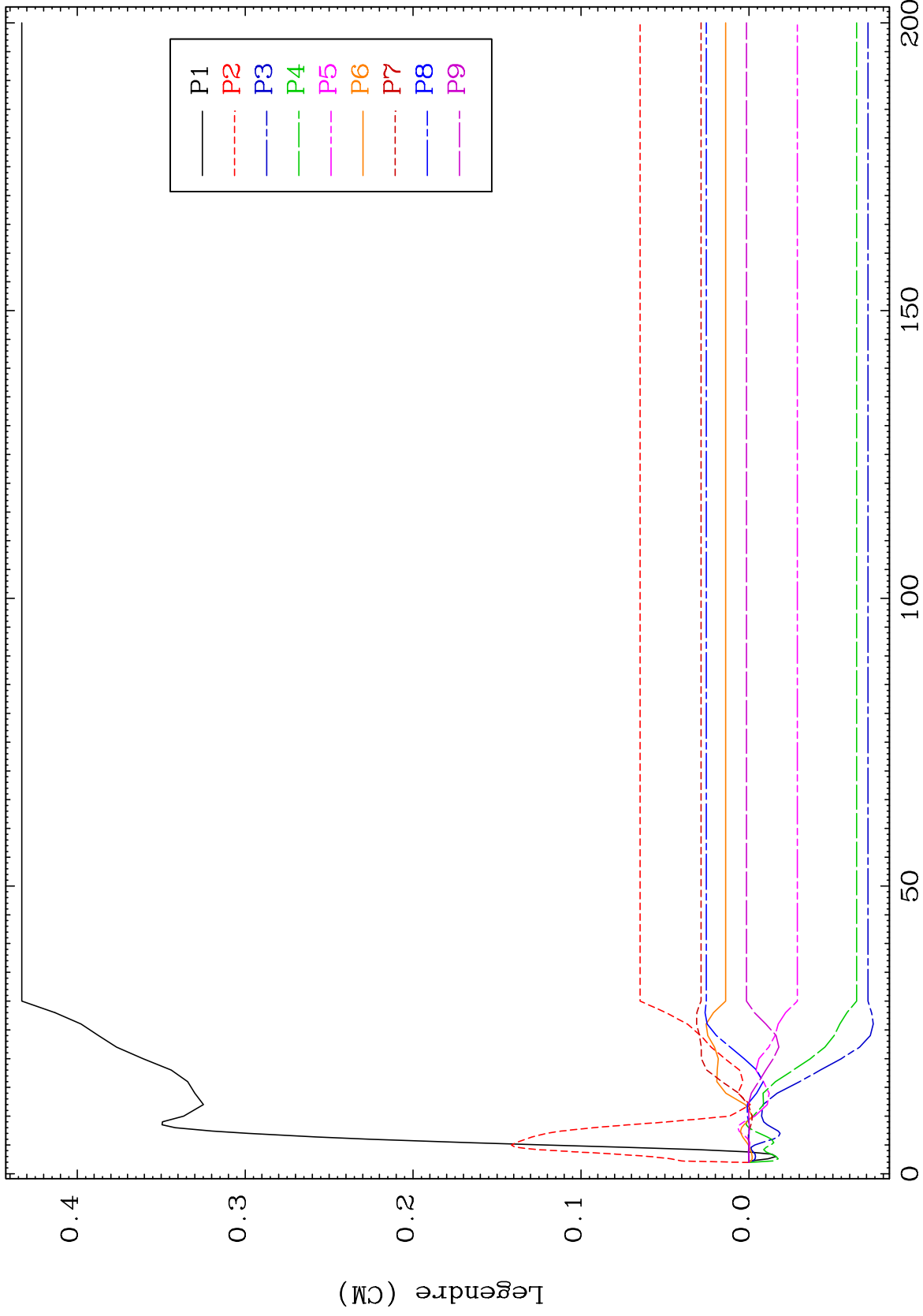




MAT 8395

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

84-Po-196



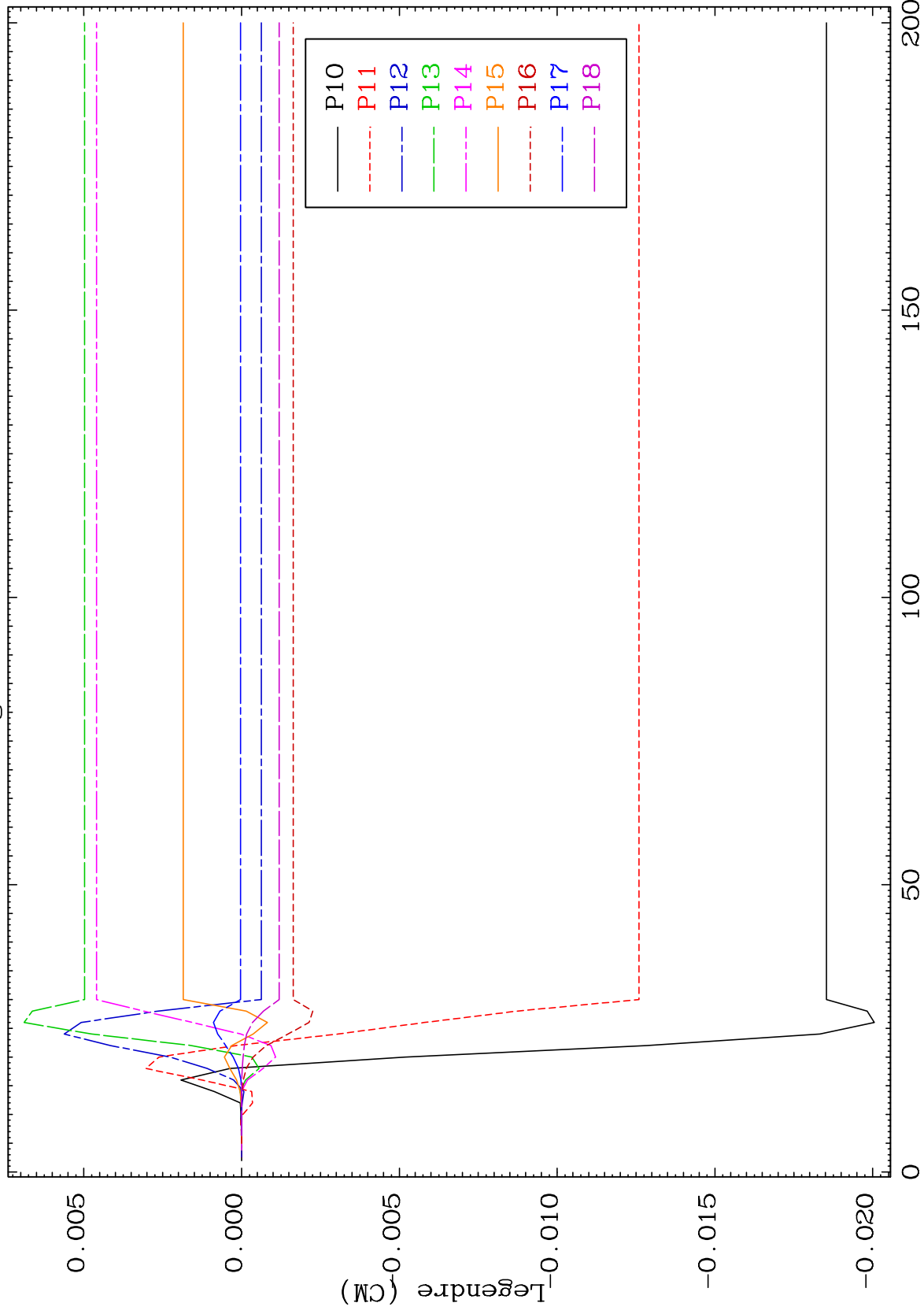
53

84-Po-196

MAT 8395

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

84-Po-196



54

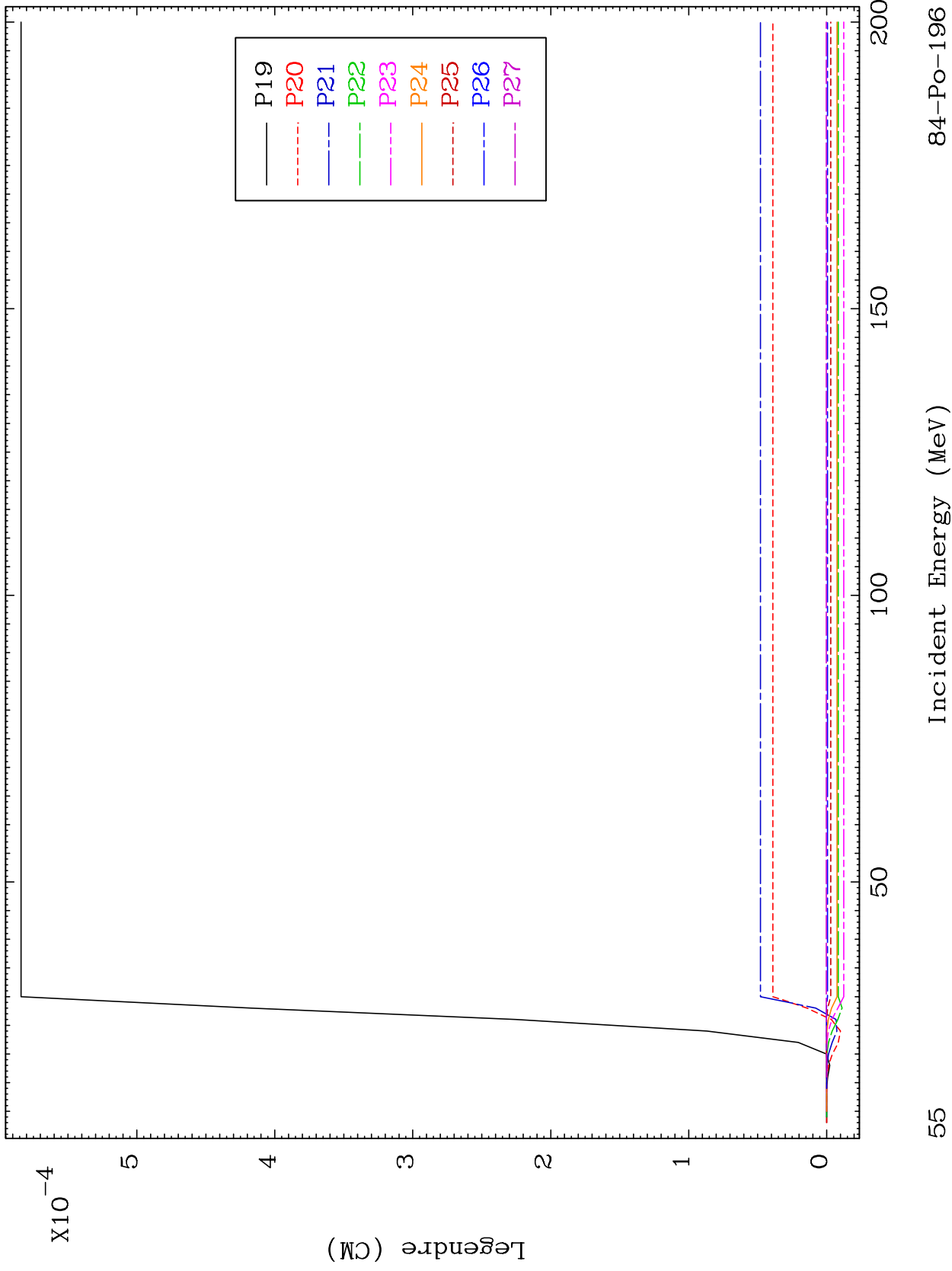
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



55

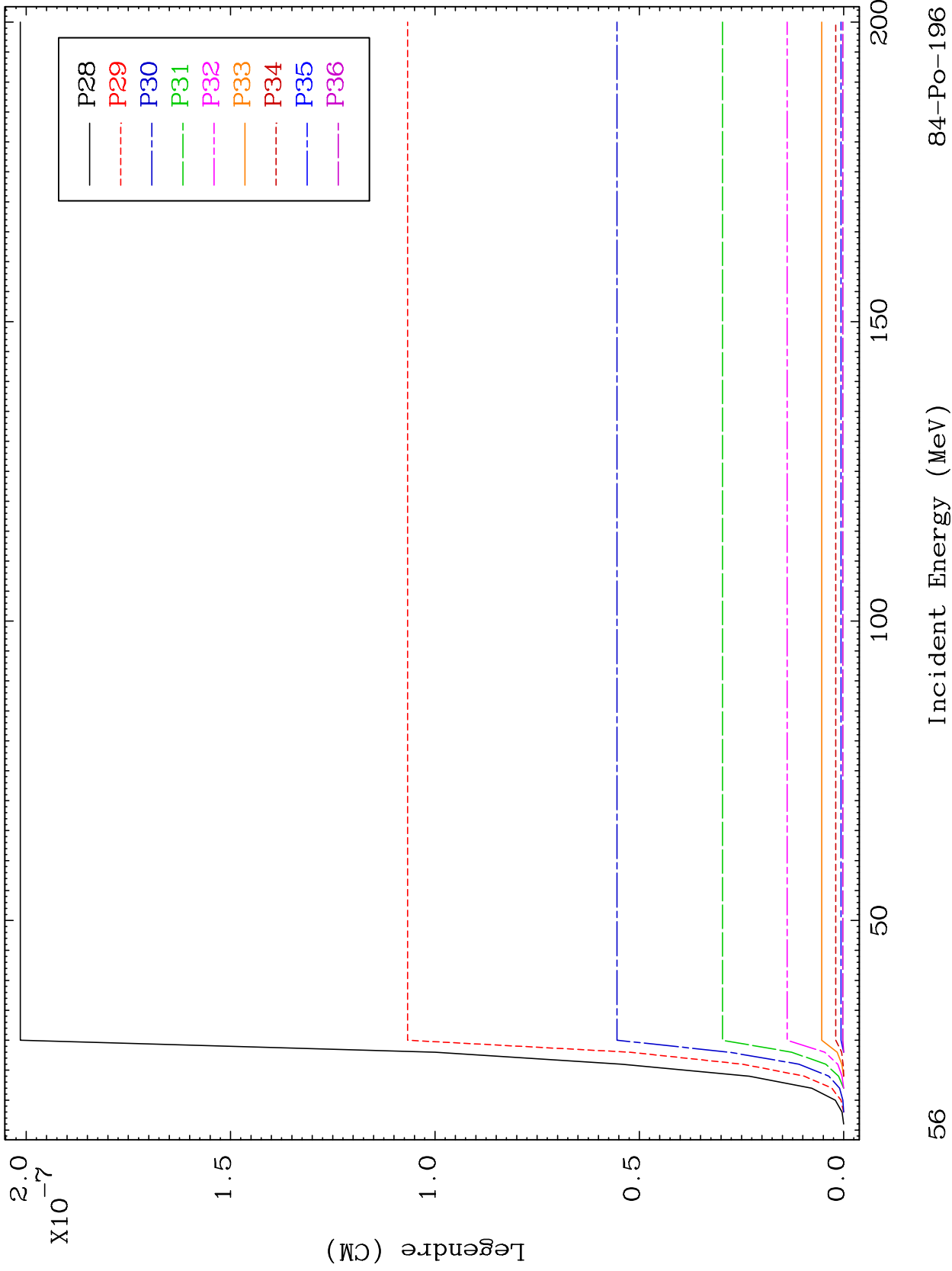
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



56

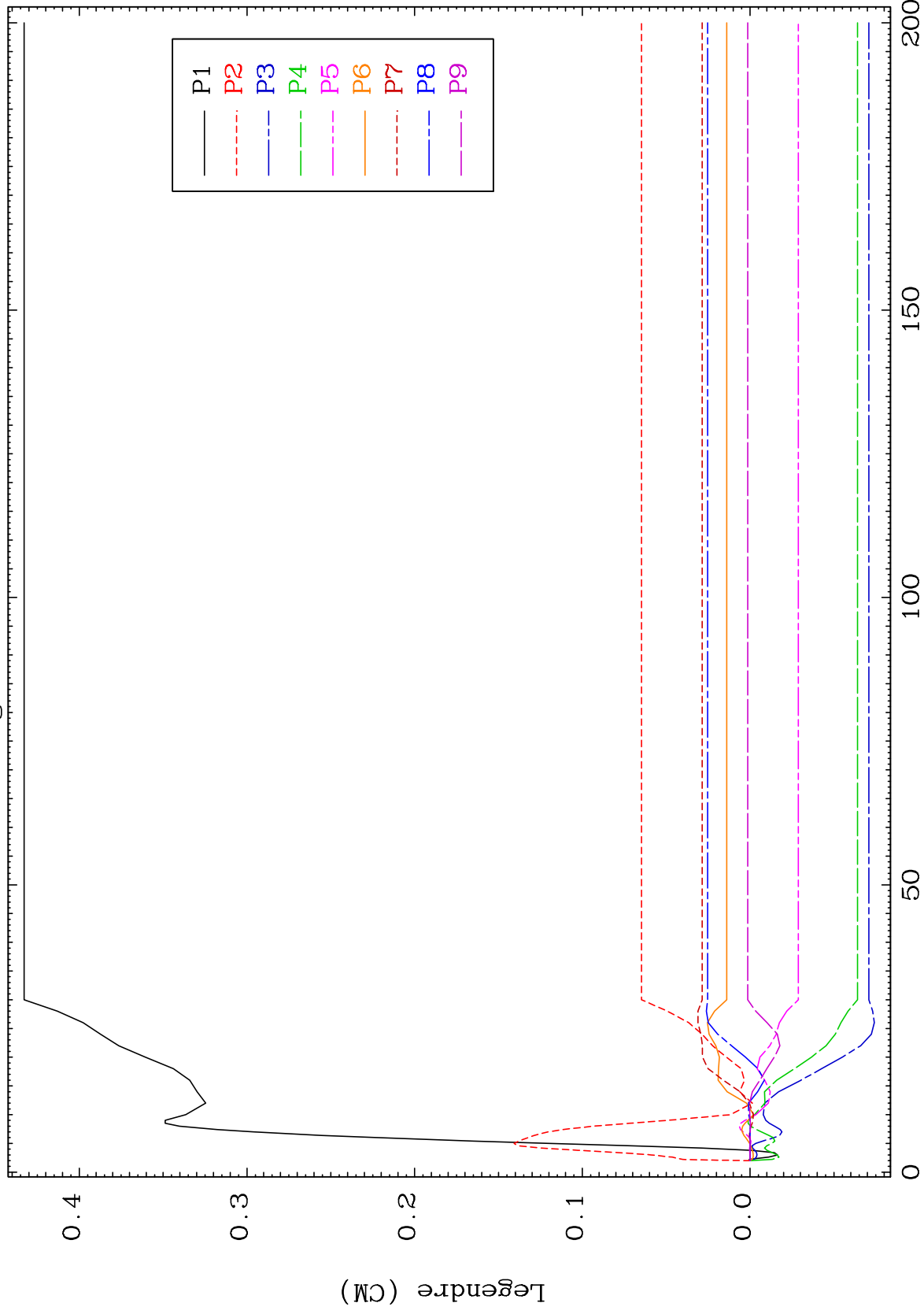
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



57

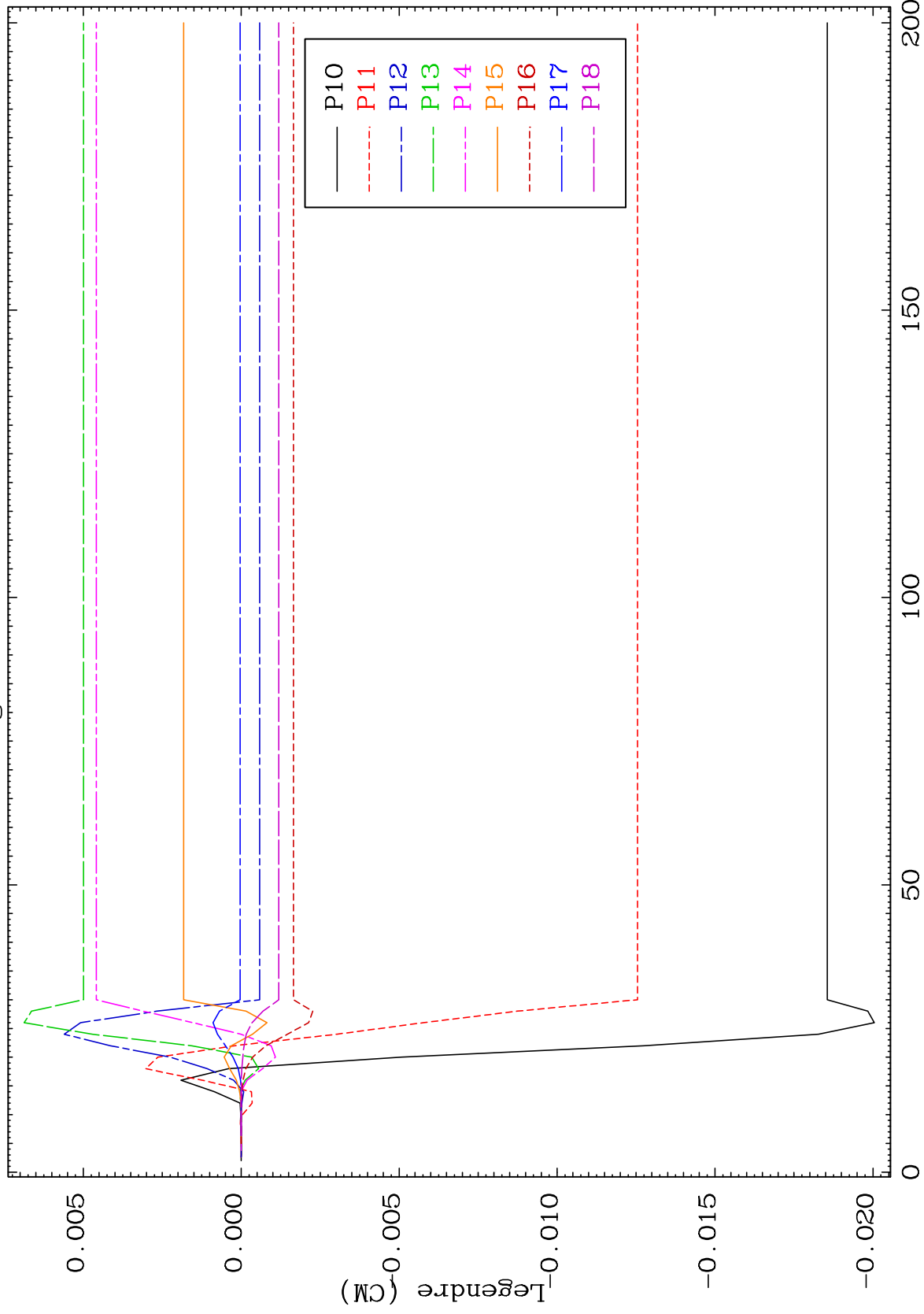
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



58

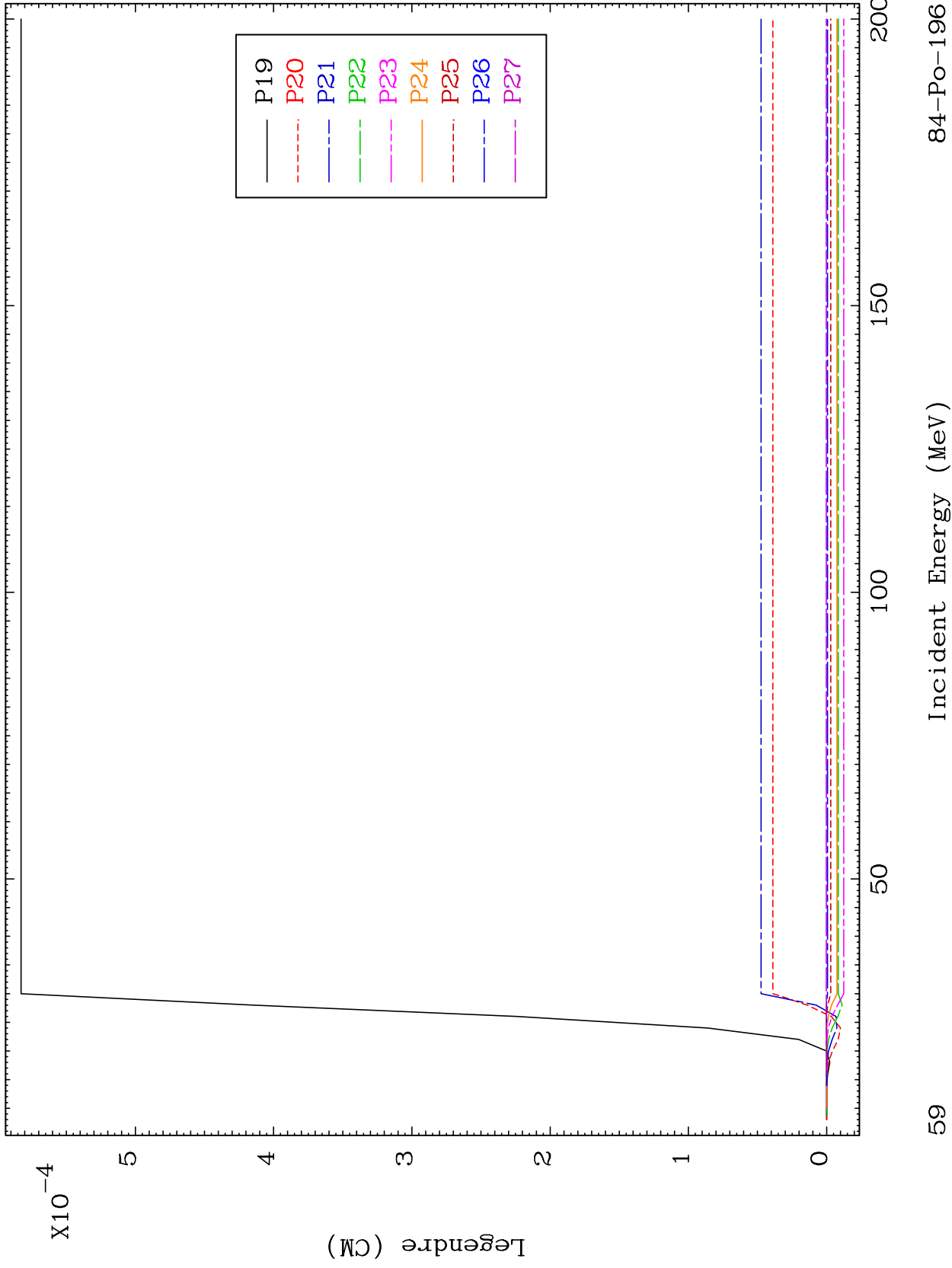
Incident Energy (MeV)

84-Po-196

MAT 8395

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

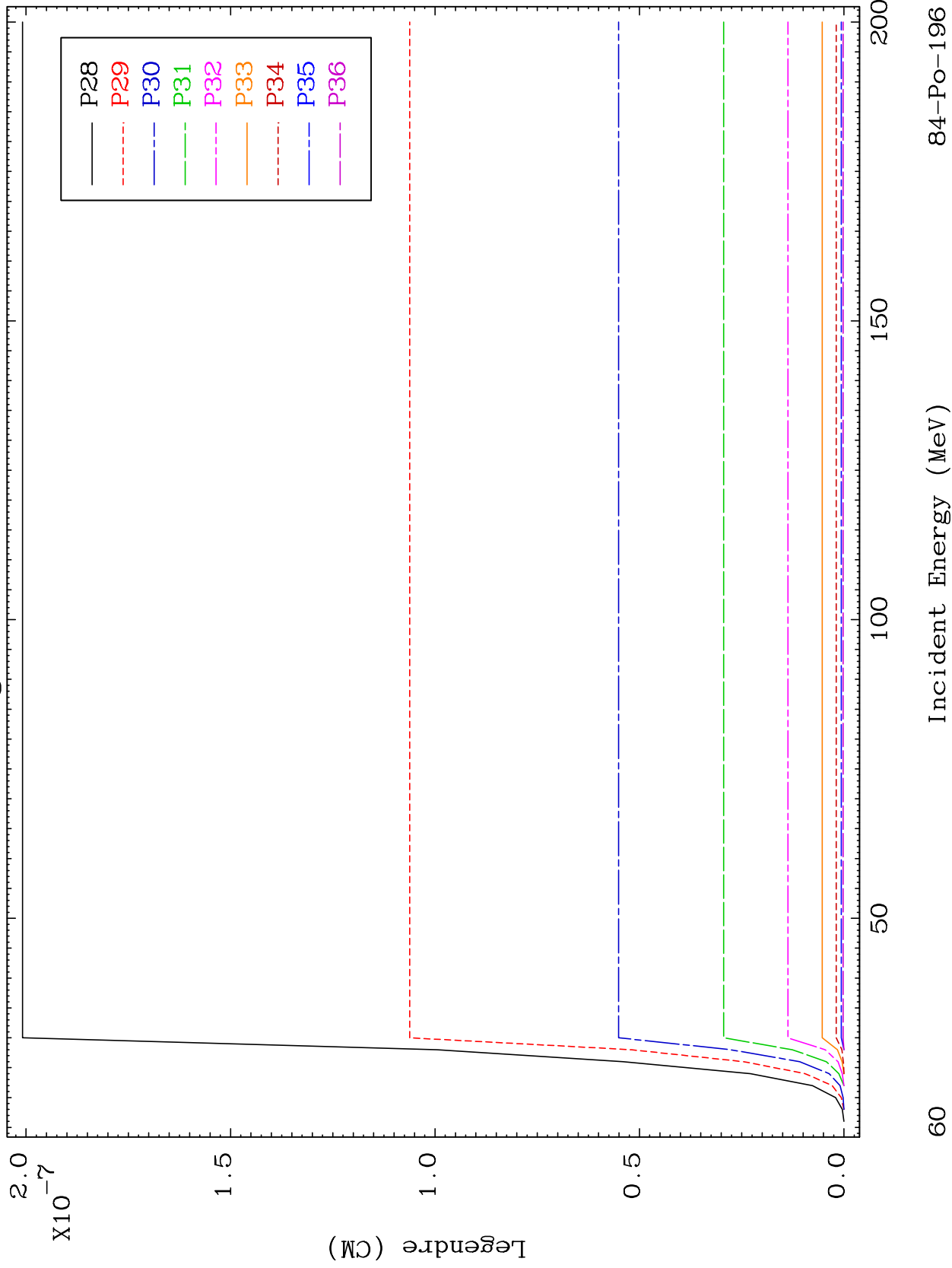
84-Po-196



MAT 8395

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

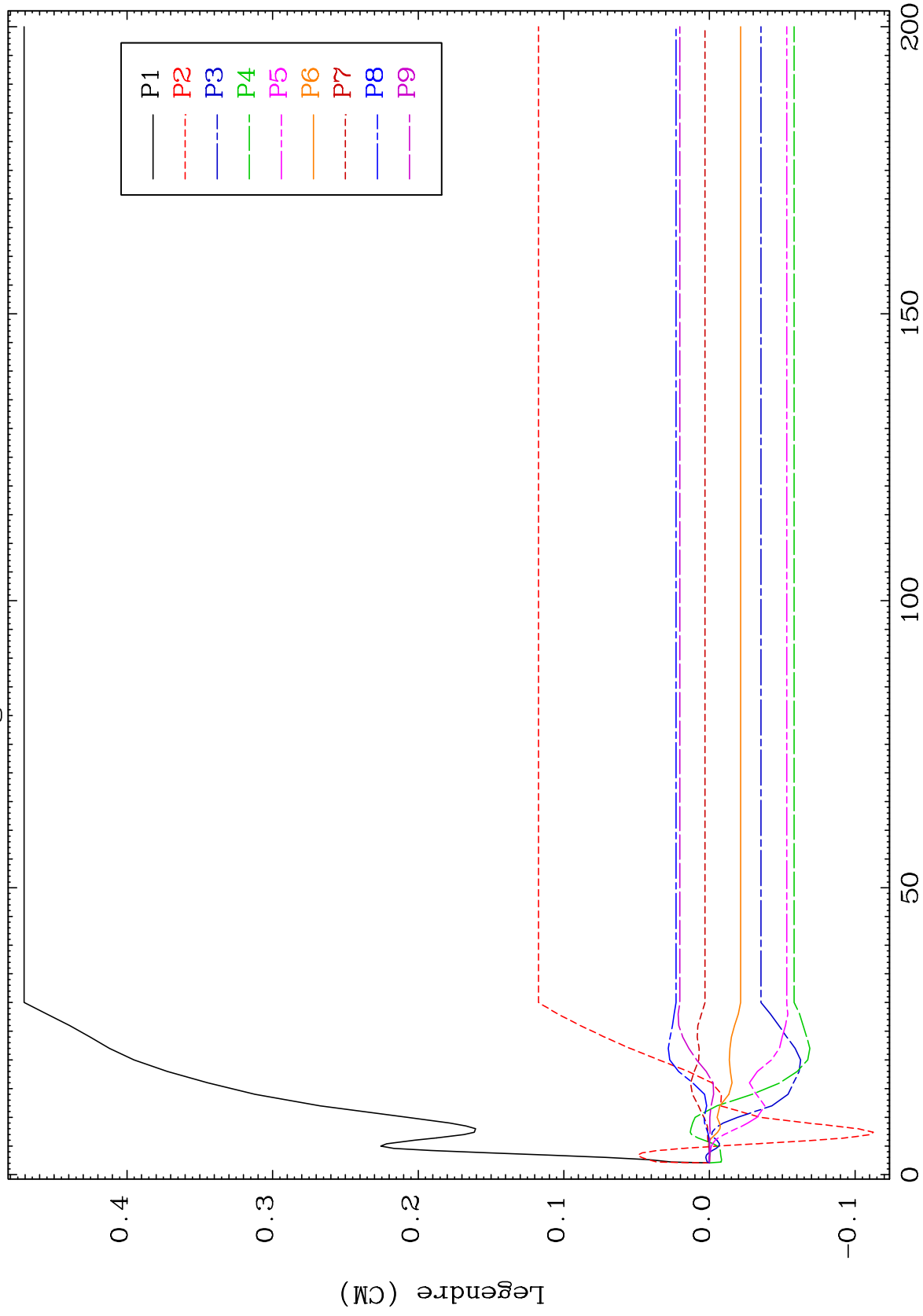
84-Po-196



MAT 8395

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

84-Po-196



61

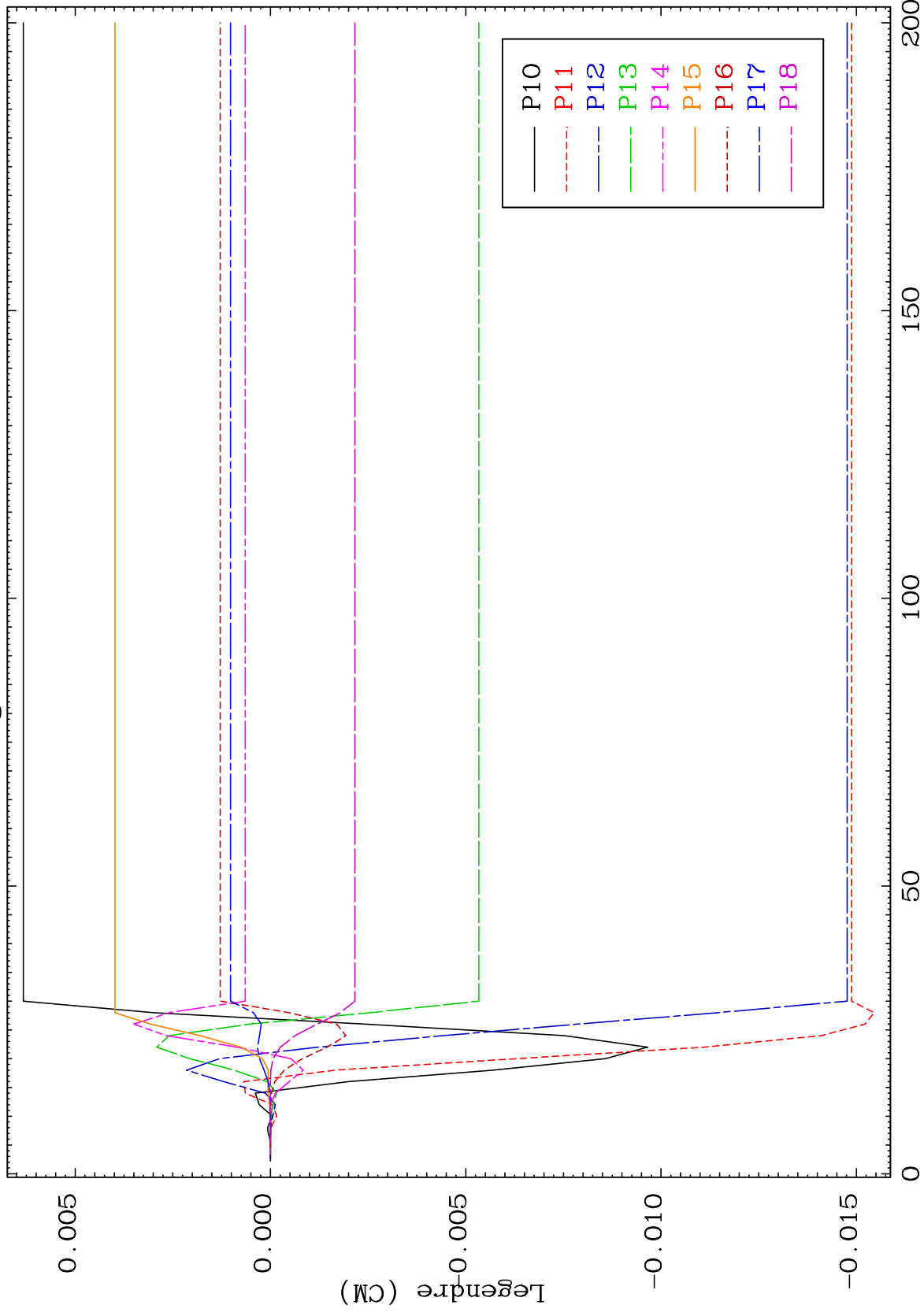
Incident Energy (MeV)

84-Po-196

MAT 8395

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

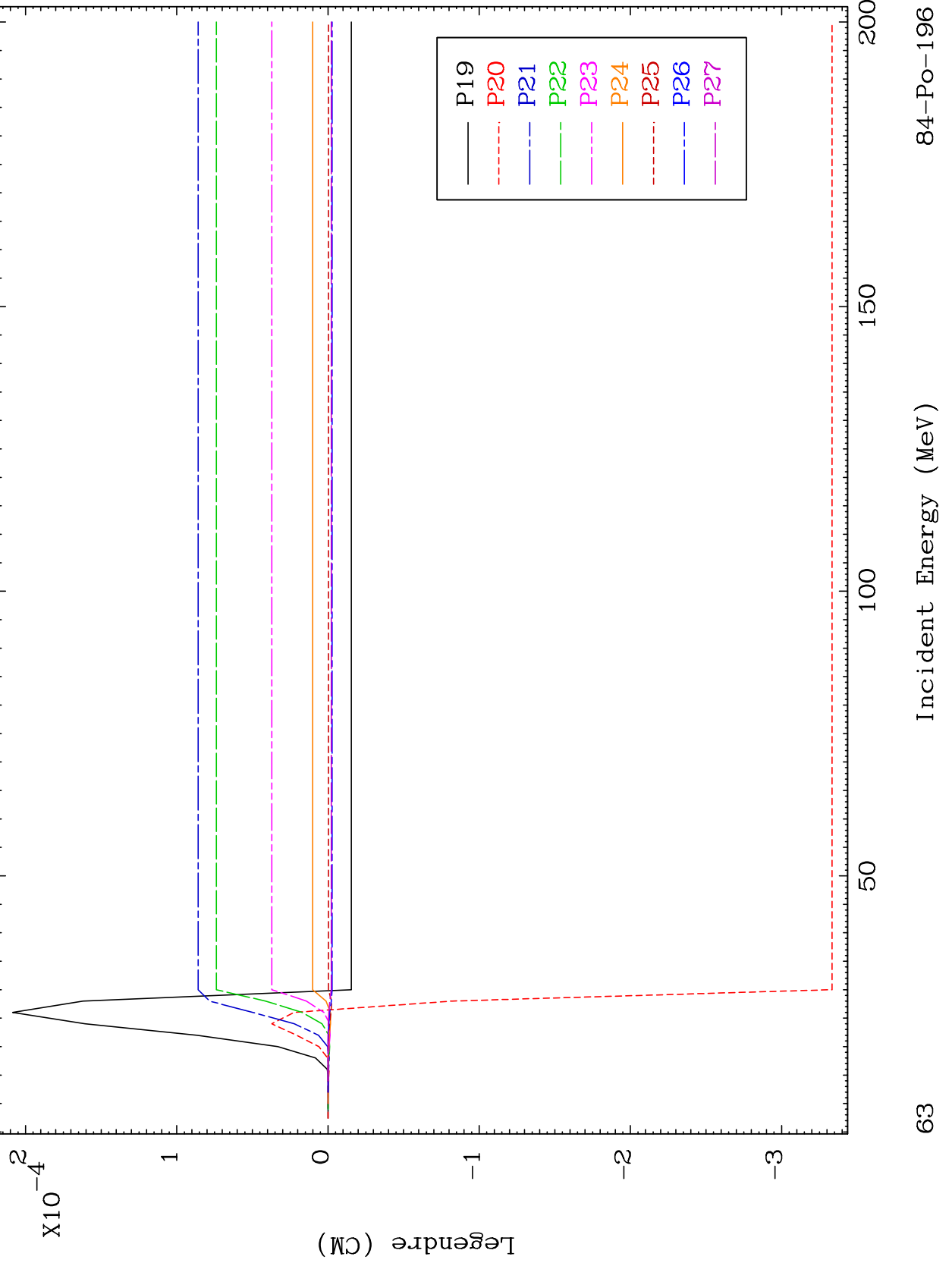
84-Po-196



62

Incident Energy (MeV)

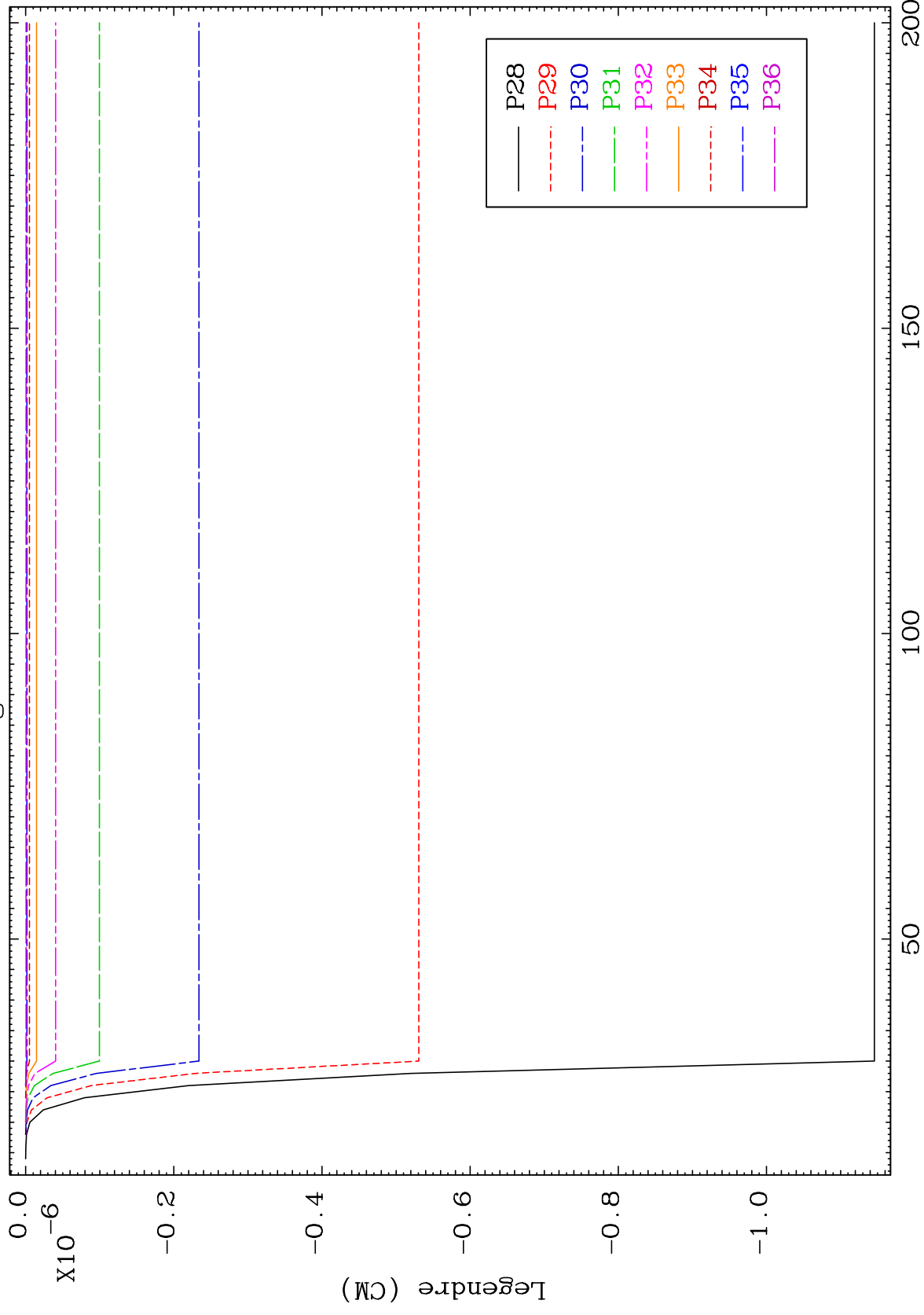
84-Po-196



MAT 8395

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

84-Po-196



64

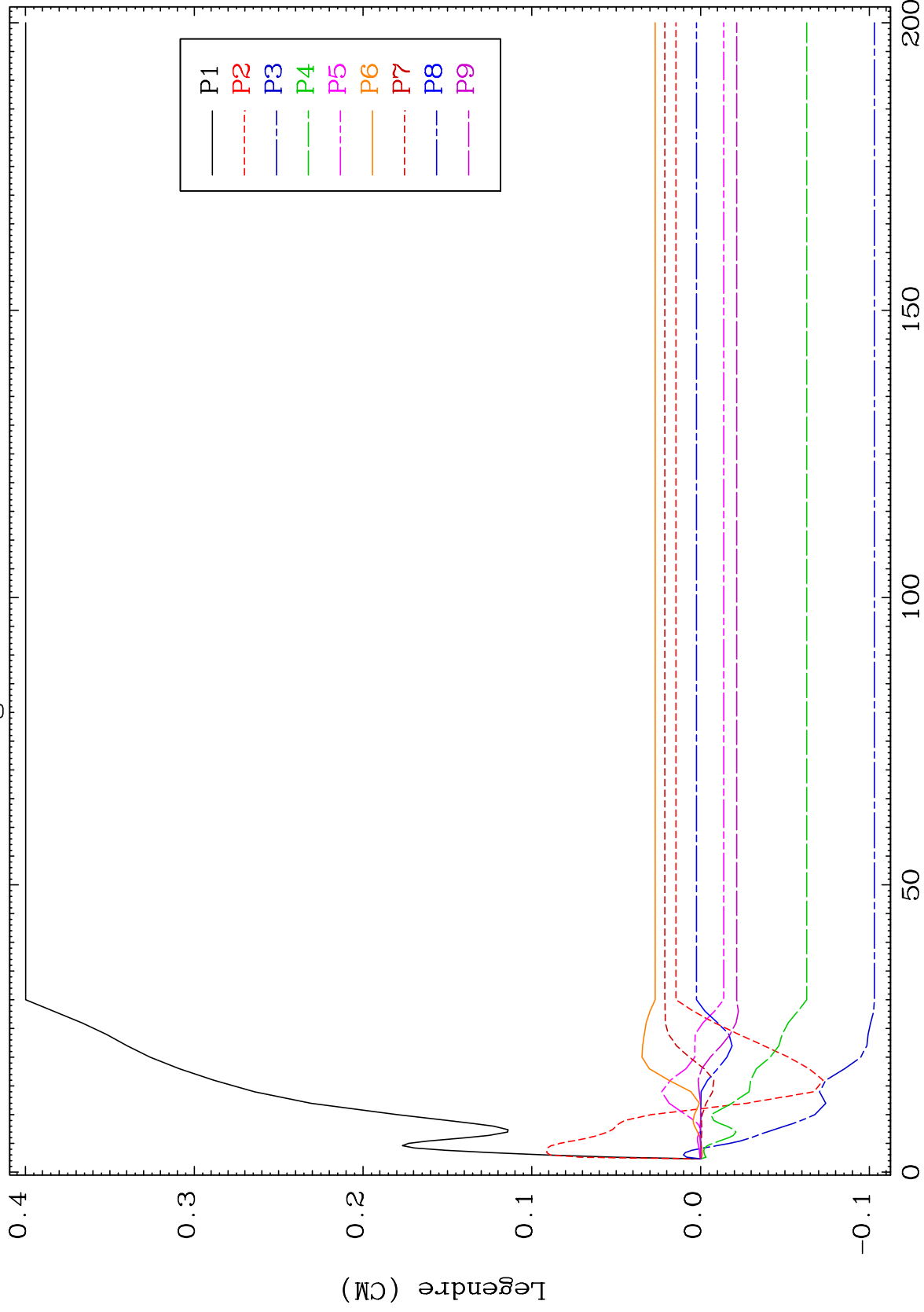
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



65

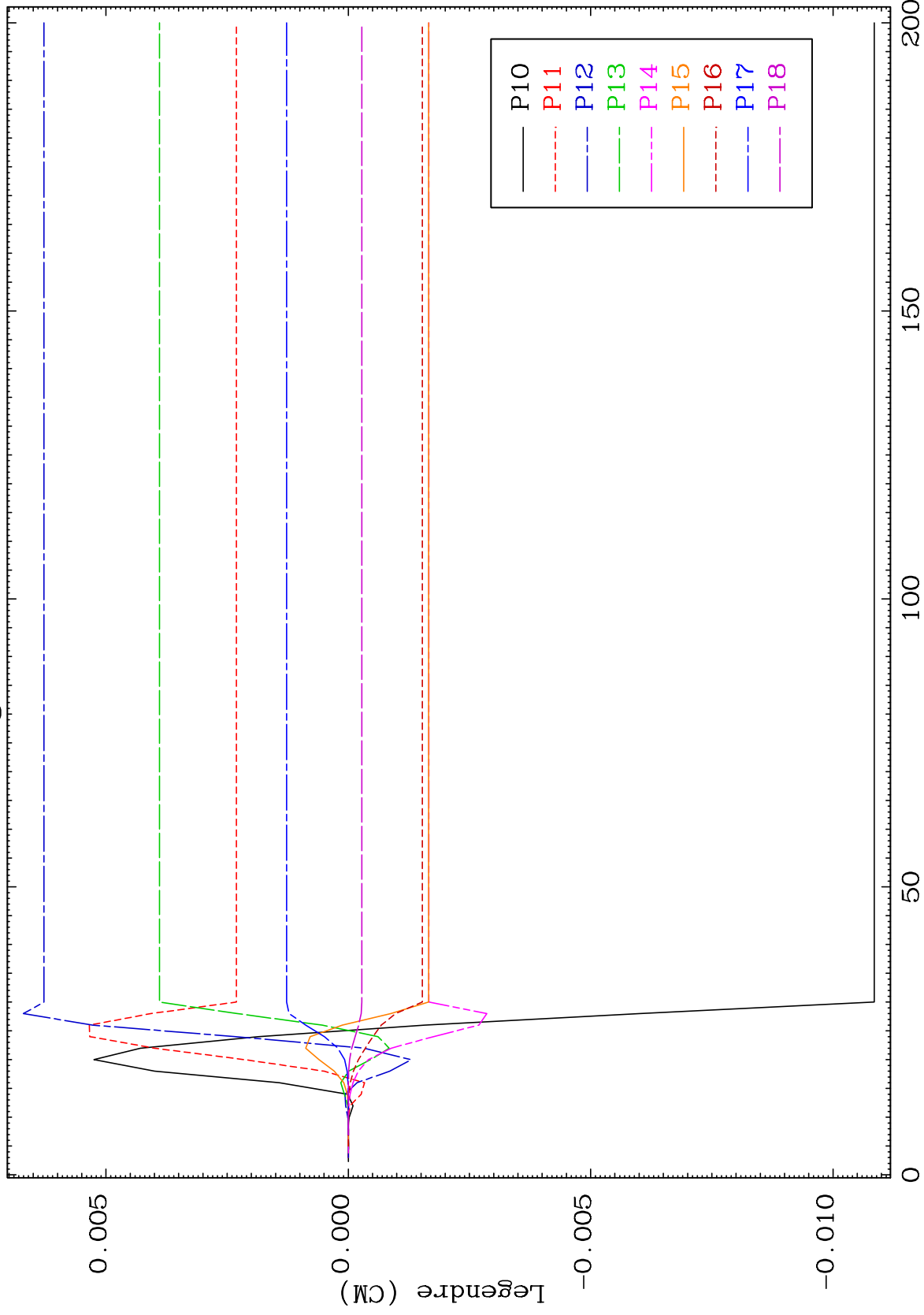
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



66

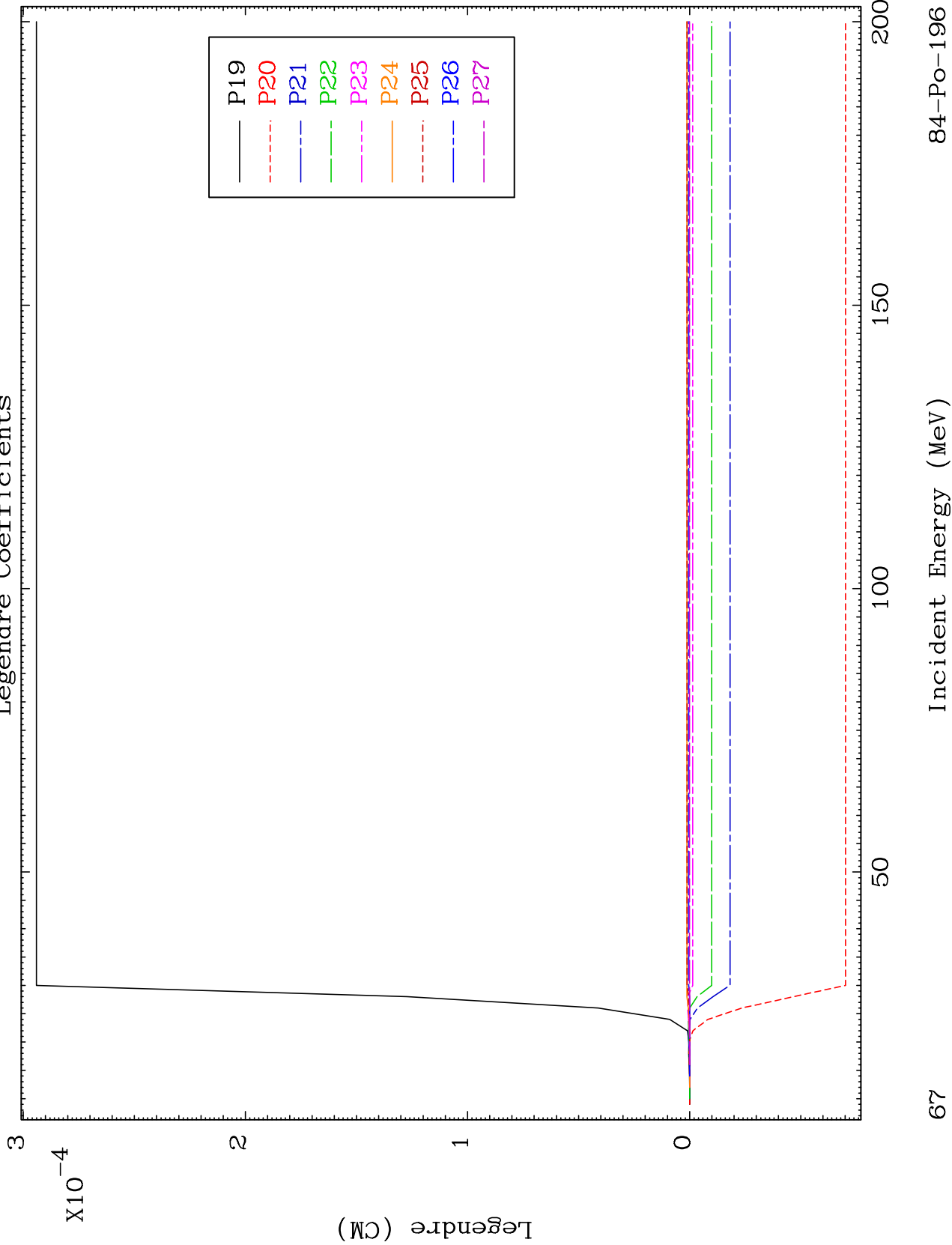
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



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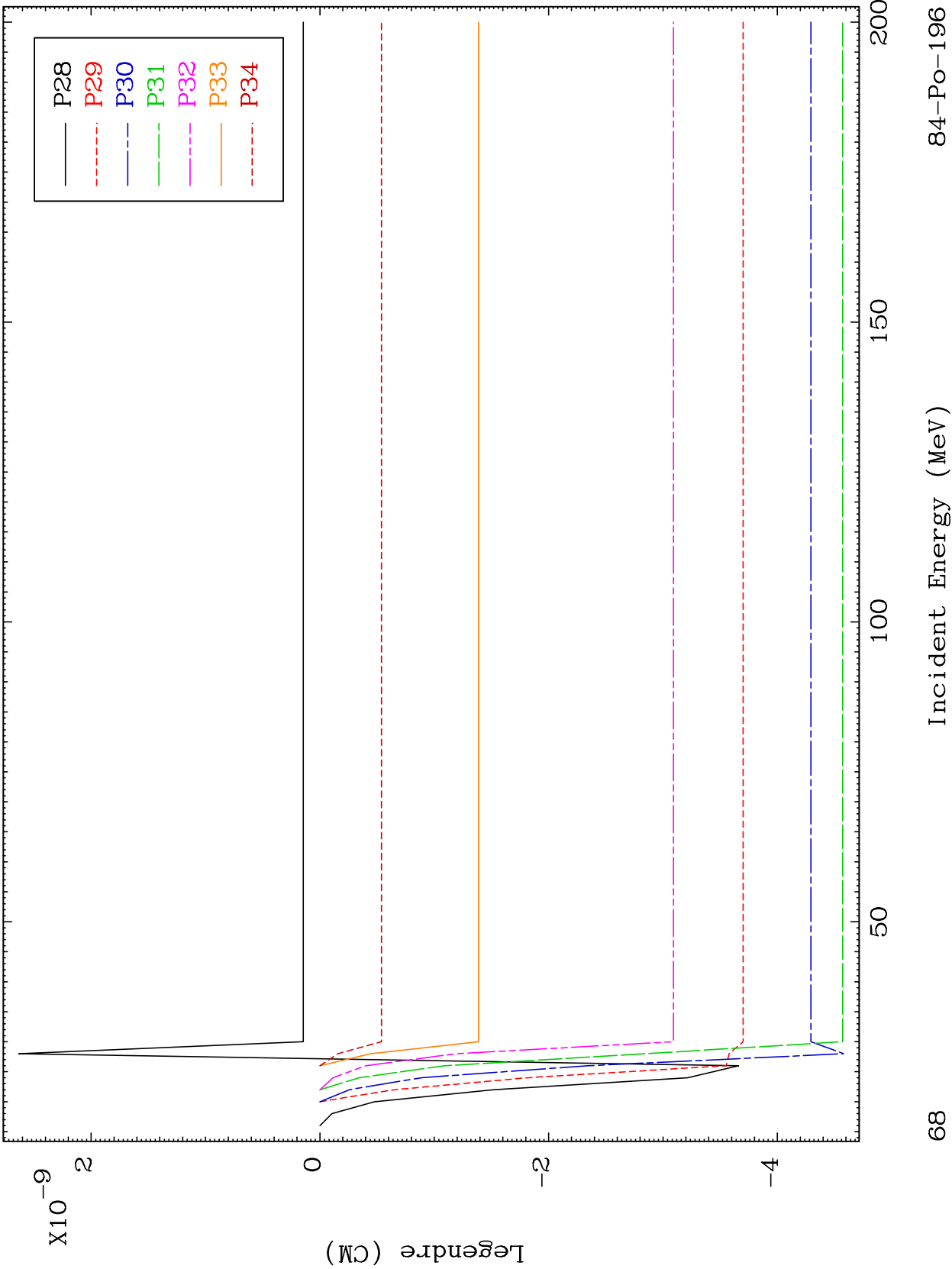
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



68

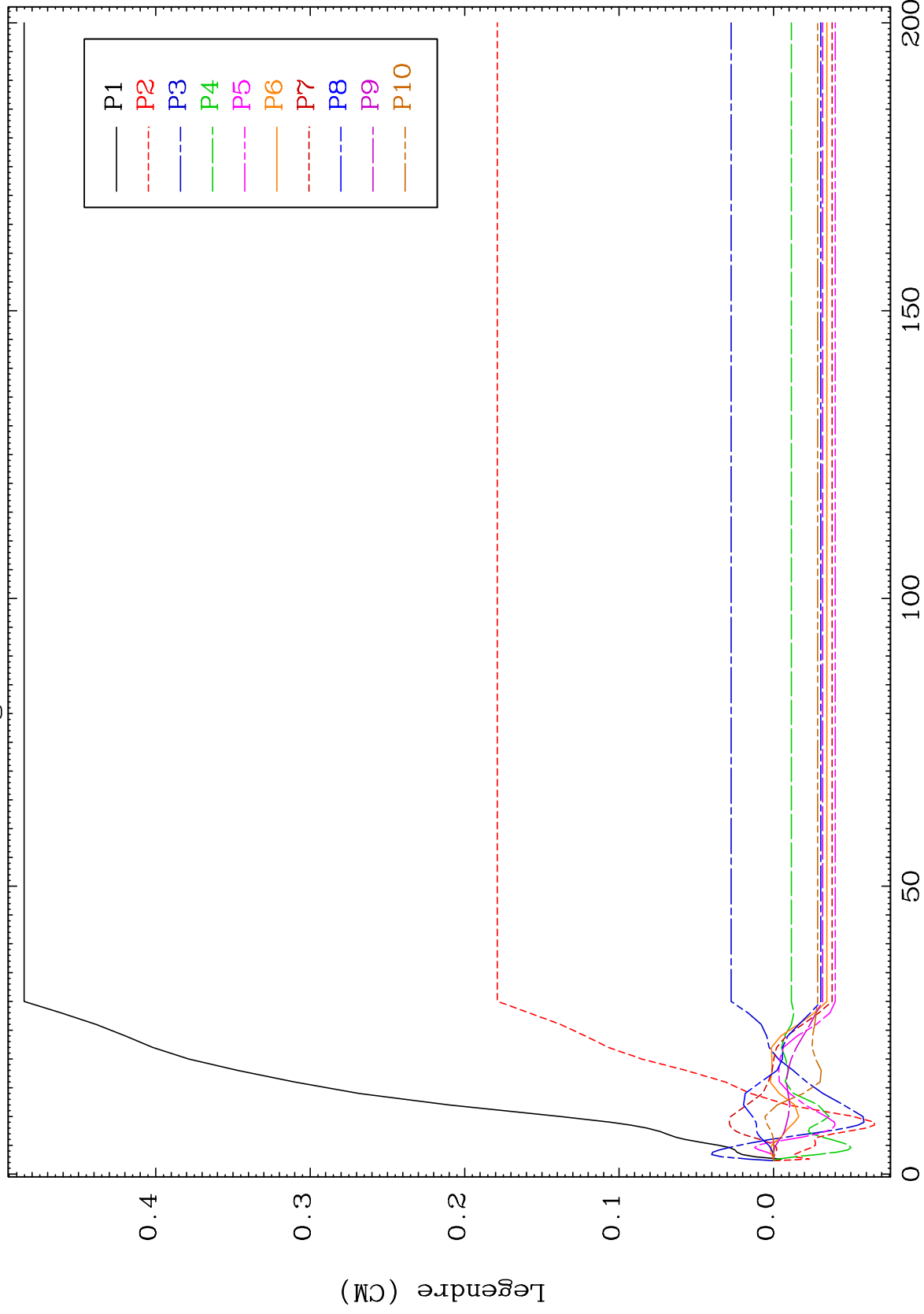
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



69

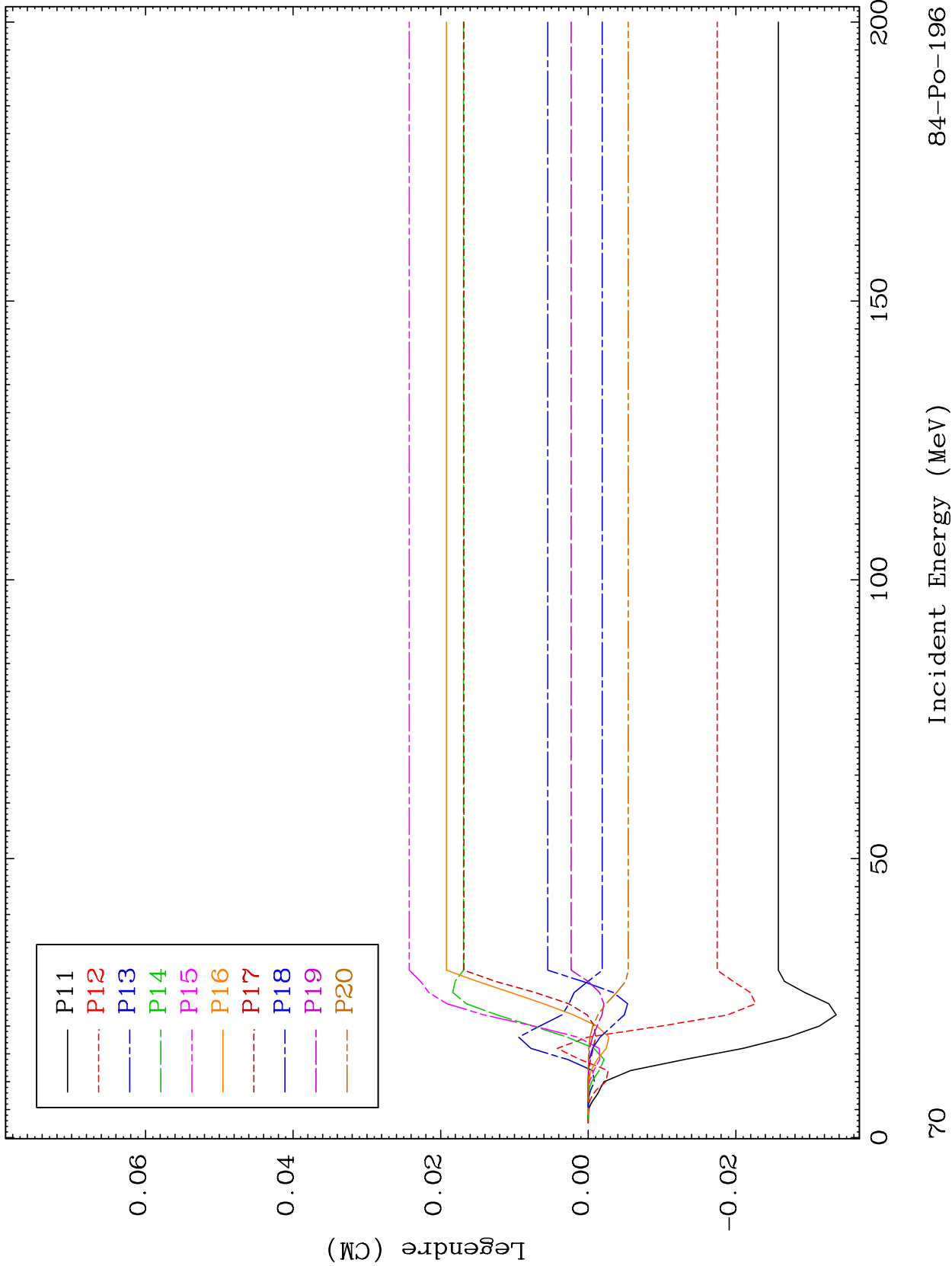
Incident Energy (MeV)

84-Po-196

MAT 8395

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

84-Po-196



84-Po-196

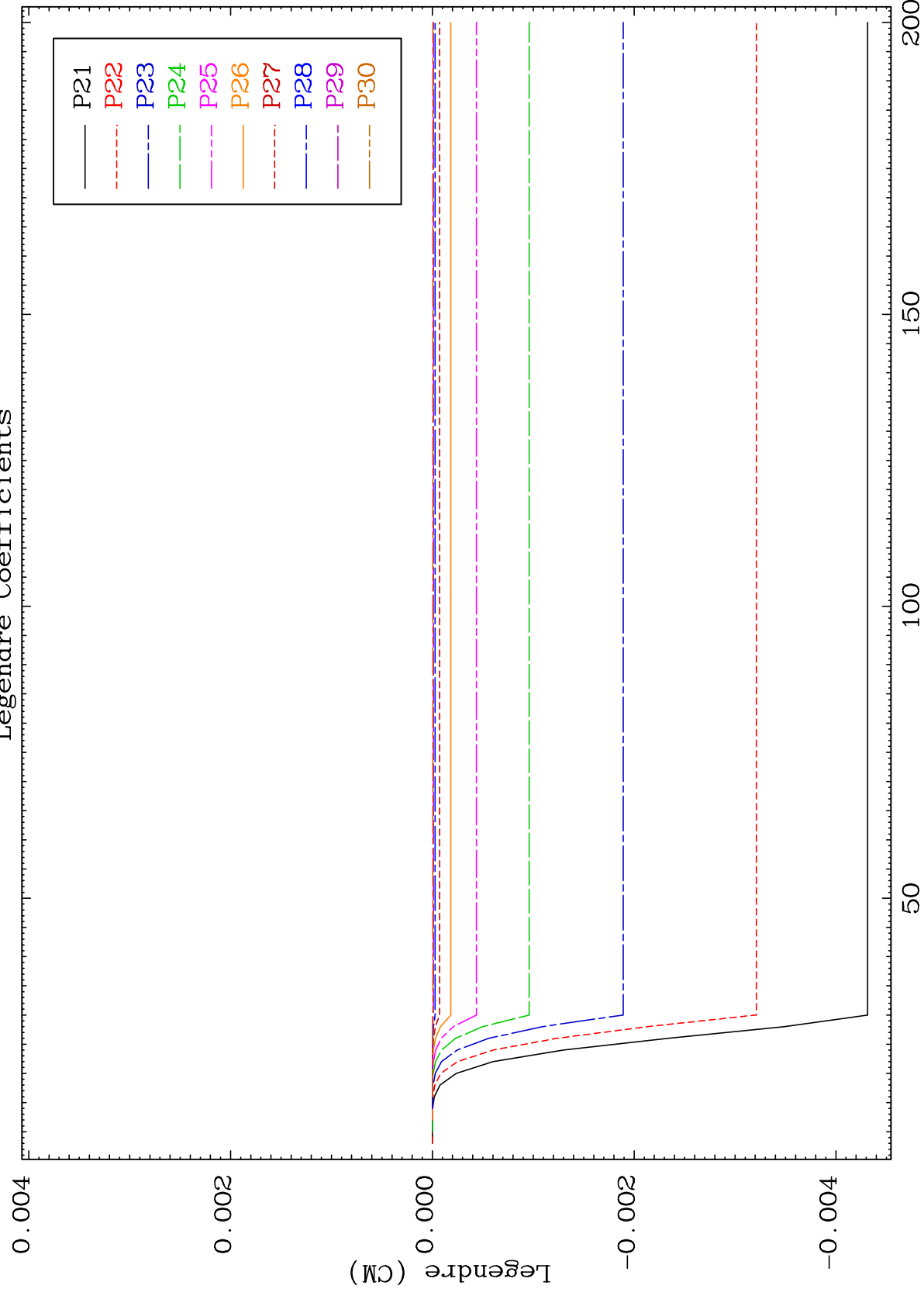
Incident Energy (MeV)

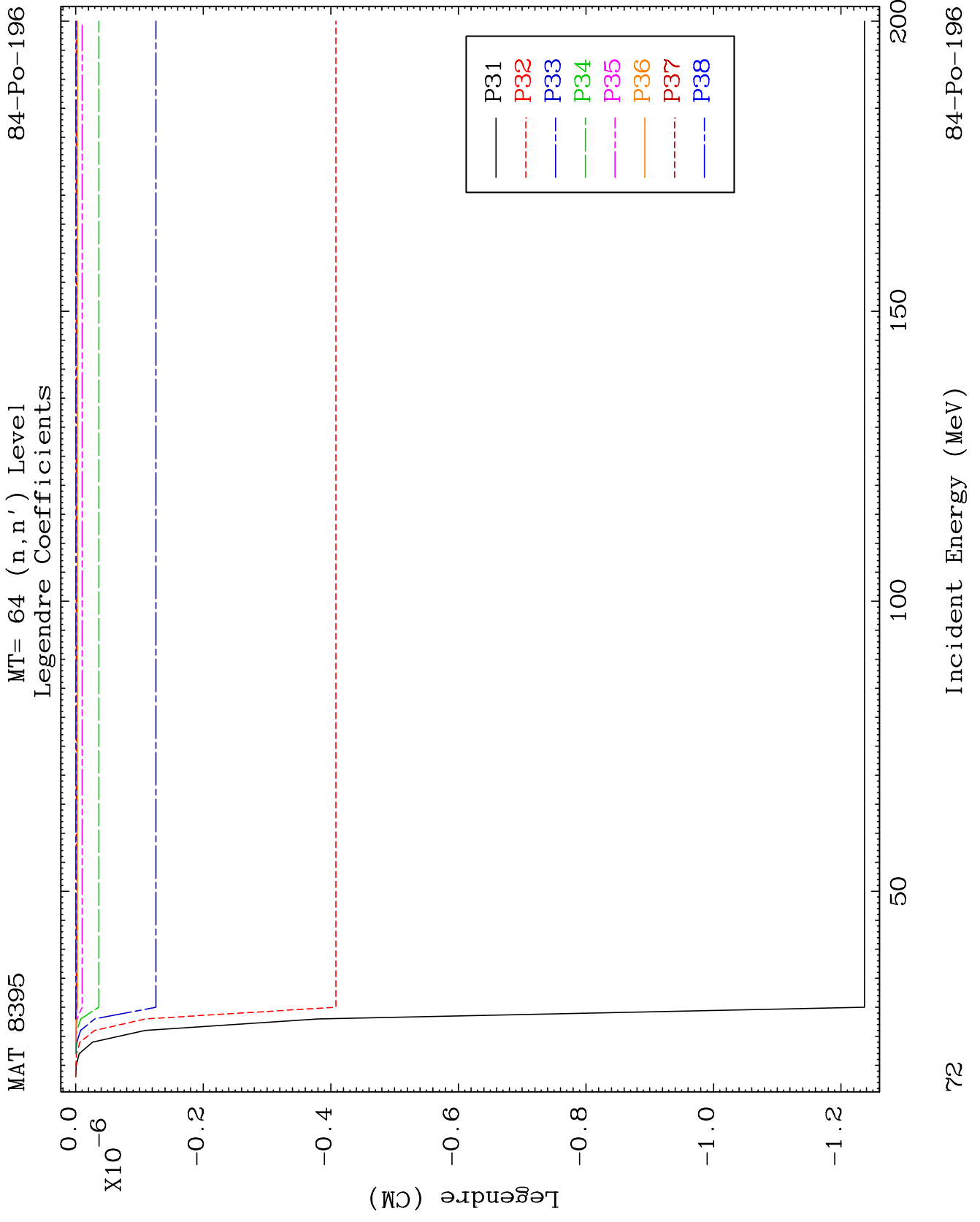
70

MAT 8395

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

84-Po-196



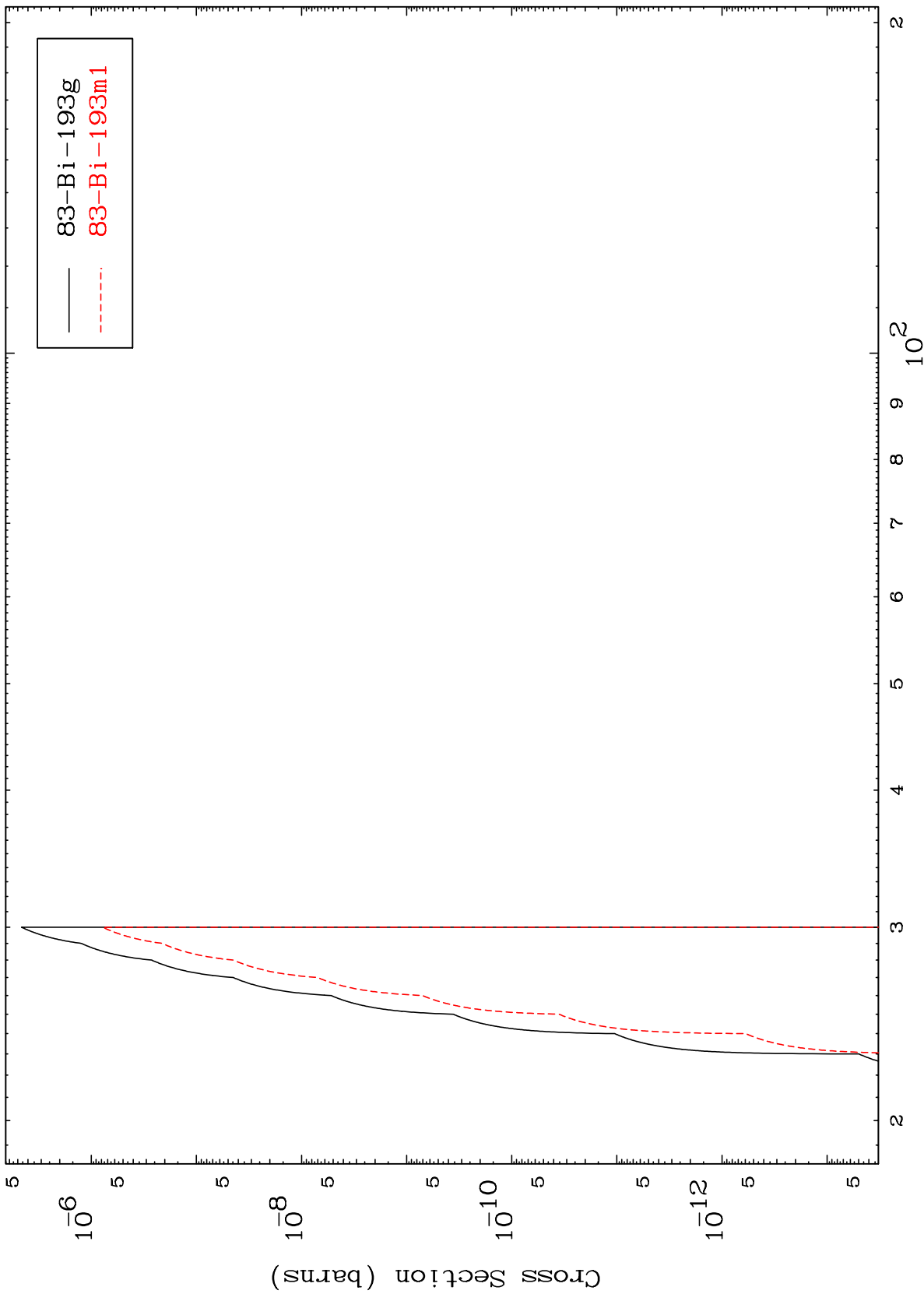


MAT 8395

(n,2n) d

84-Po-196

Radionuclide Production Cross Section



73

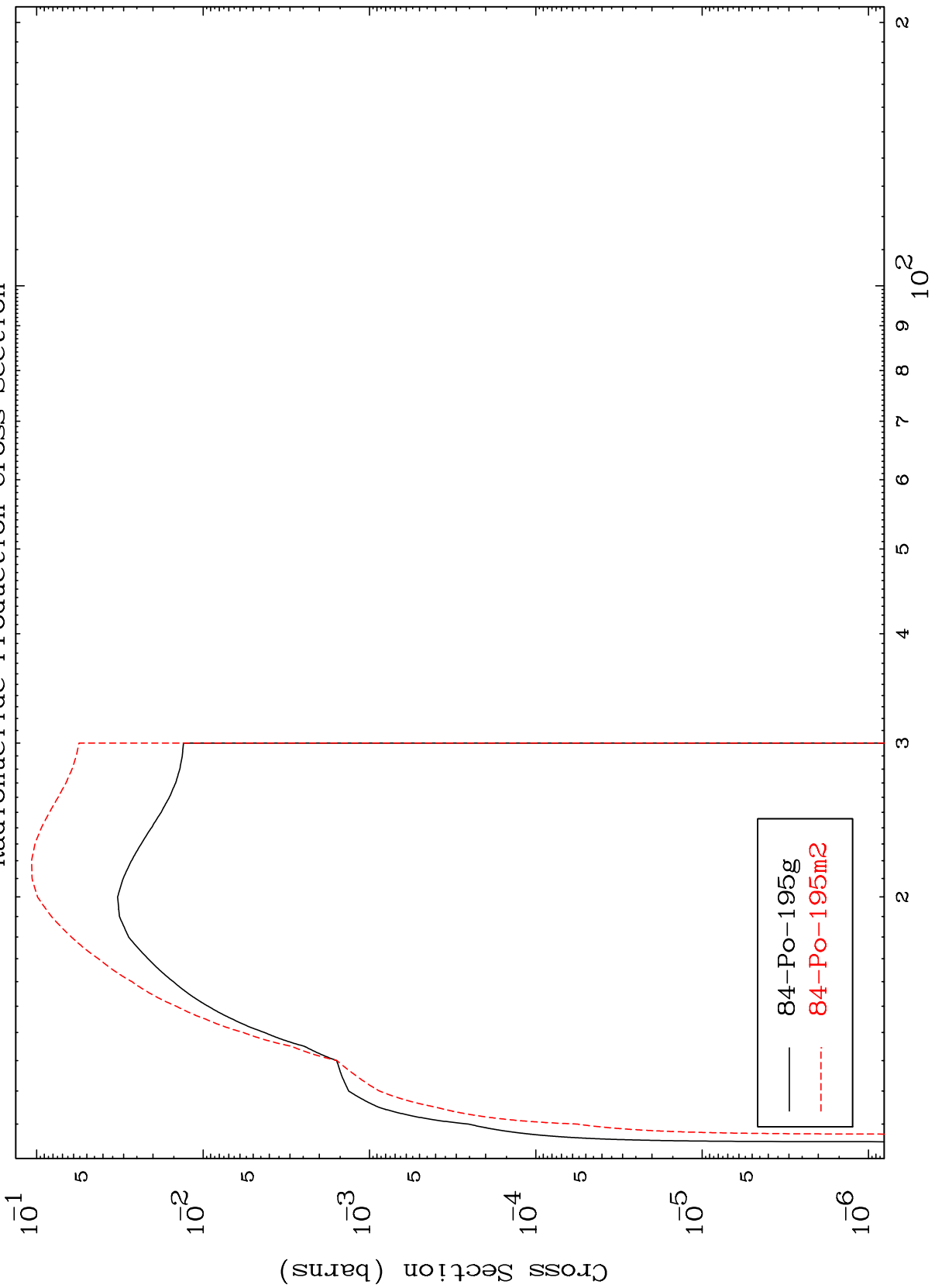
Incident Energy (MeV)

84-Po-196

MAT 8395

84-Po-196

(n,2n)
Radionuclide Production Cross Section



74

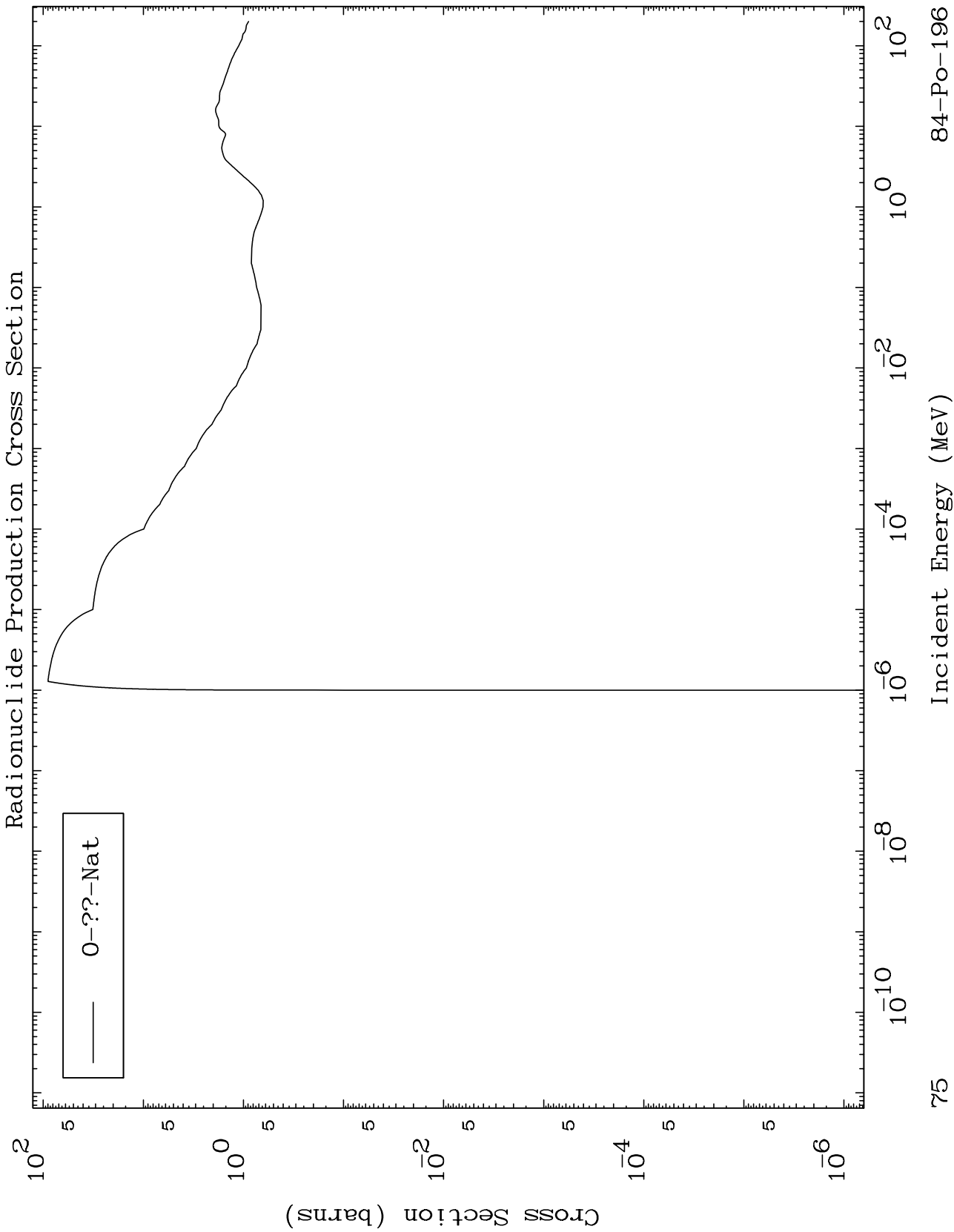
Incident Energy (MeV)

84-Po-196

MAT 8395

84-Po-196

Fission
Radionuclide Production Cross Section



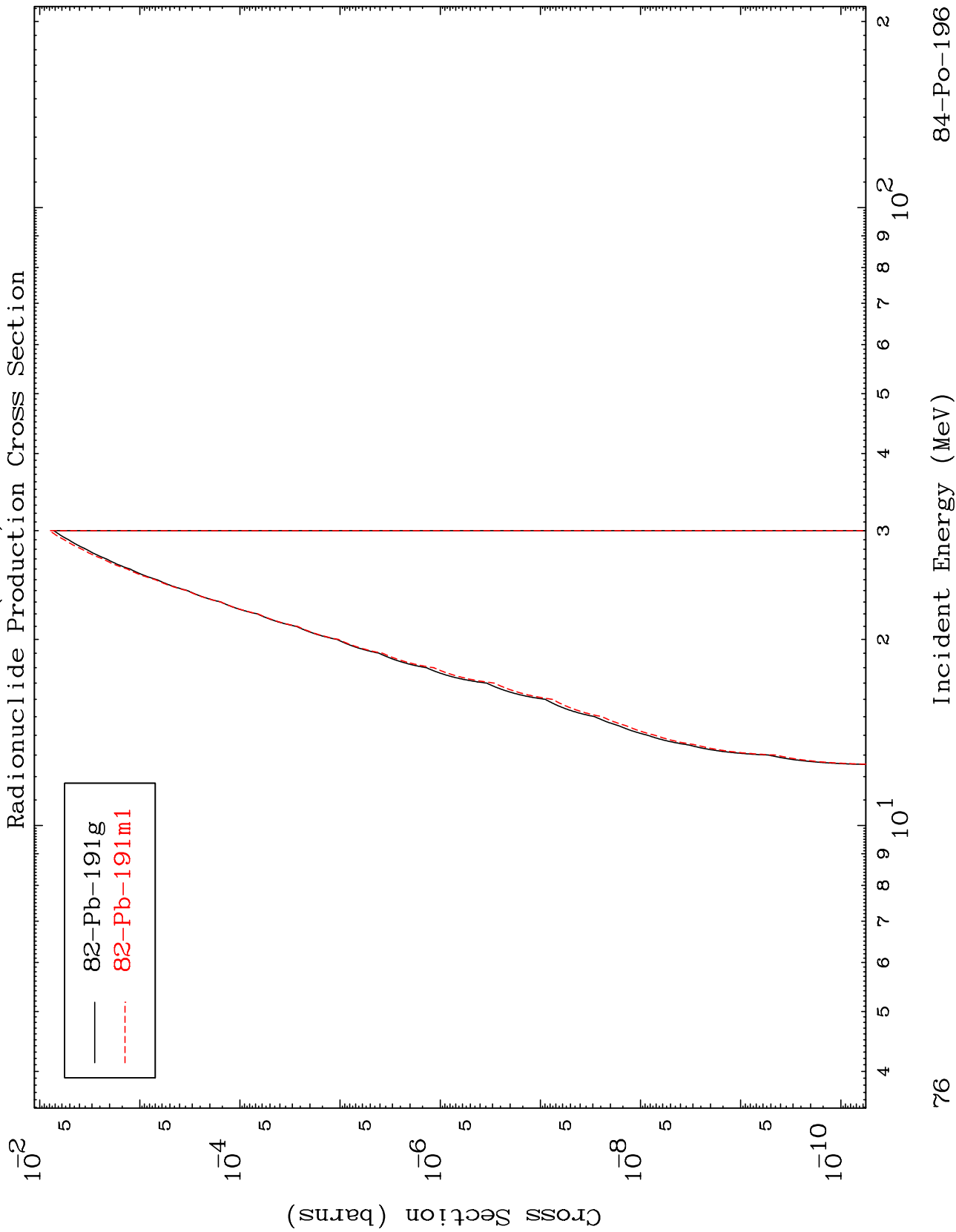
75

84-Po-196

MAT 8395

$(n,2n) \alpha$

84-Po-196



76

84-Po-196

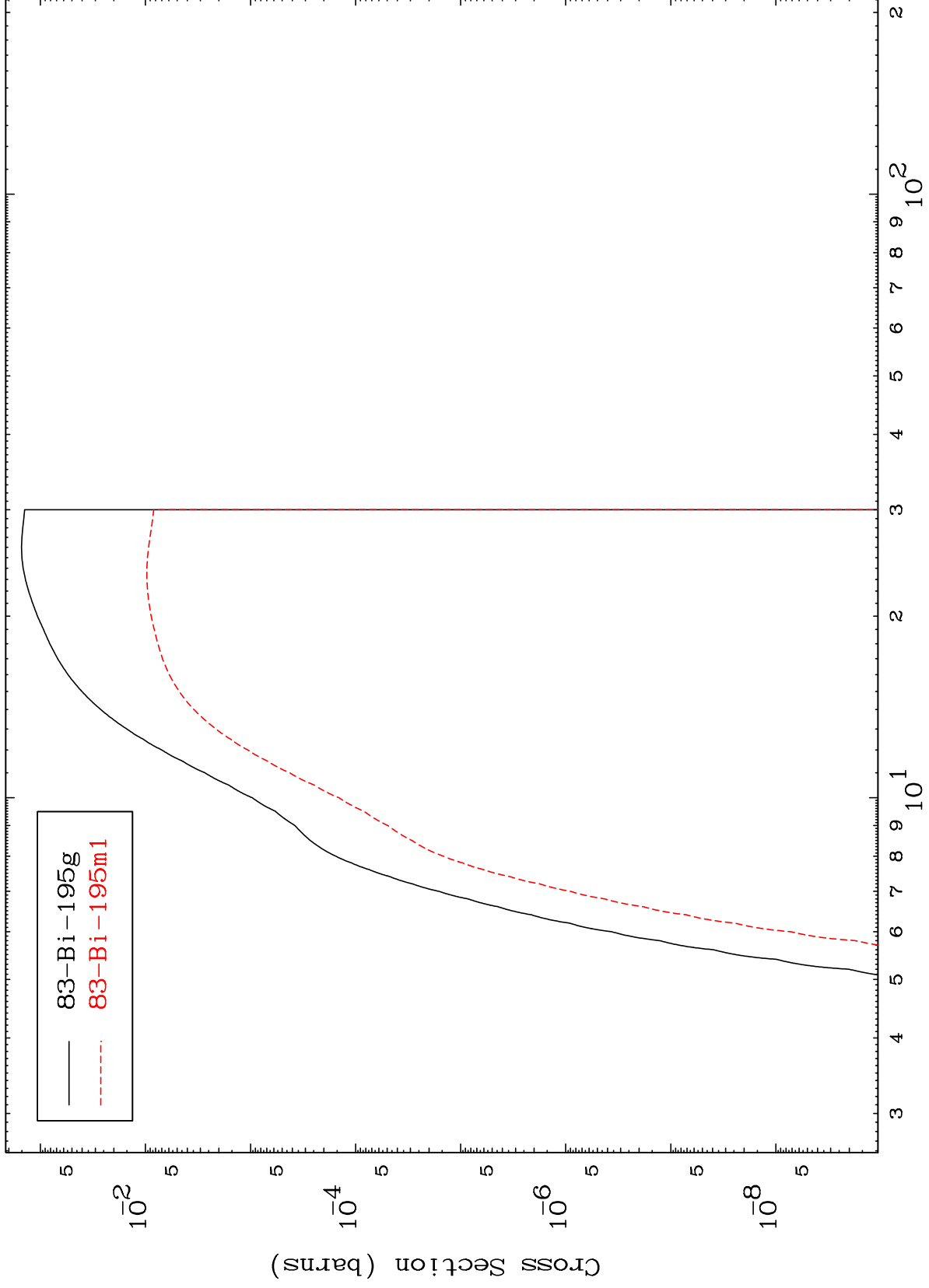
84-Po-196

MAT 8395

(n,n') p

84-Po-196

Radionuclide Production Cross Section



77

Incident Energy (MeV)

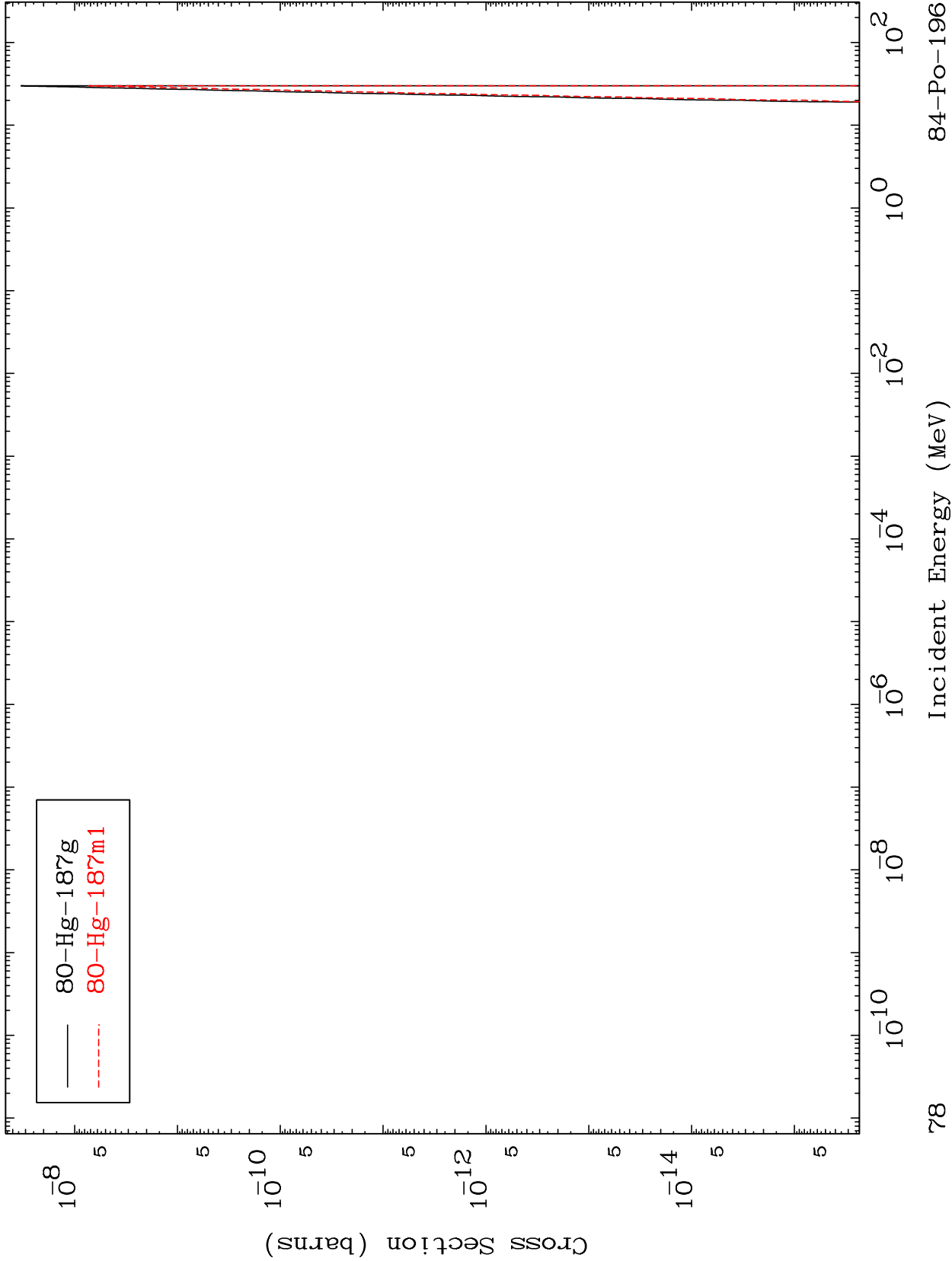
84-Po-196

MAT 8395

(n,2n) 2α

84-Po-196

Radionuclide Production Cross Section



78

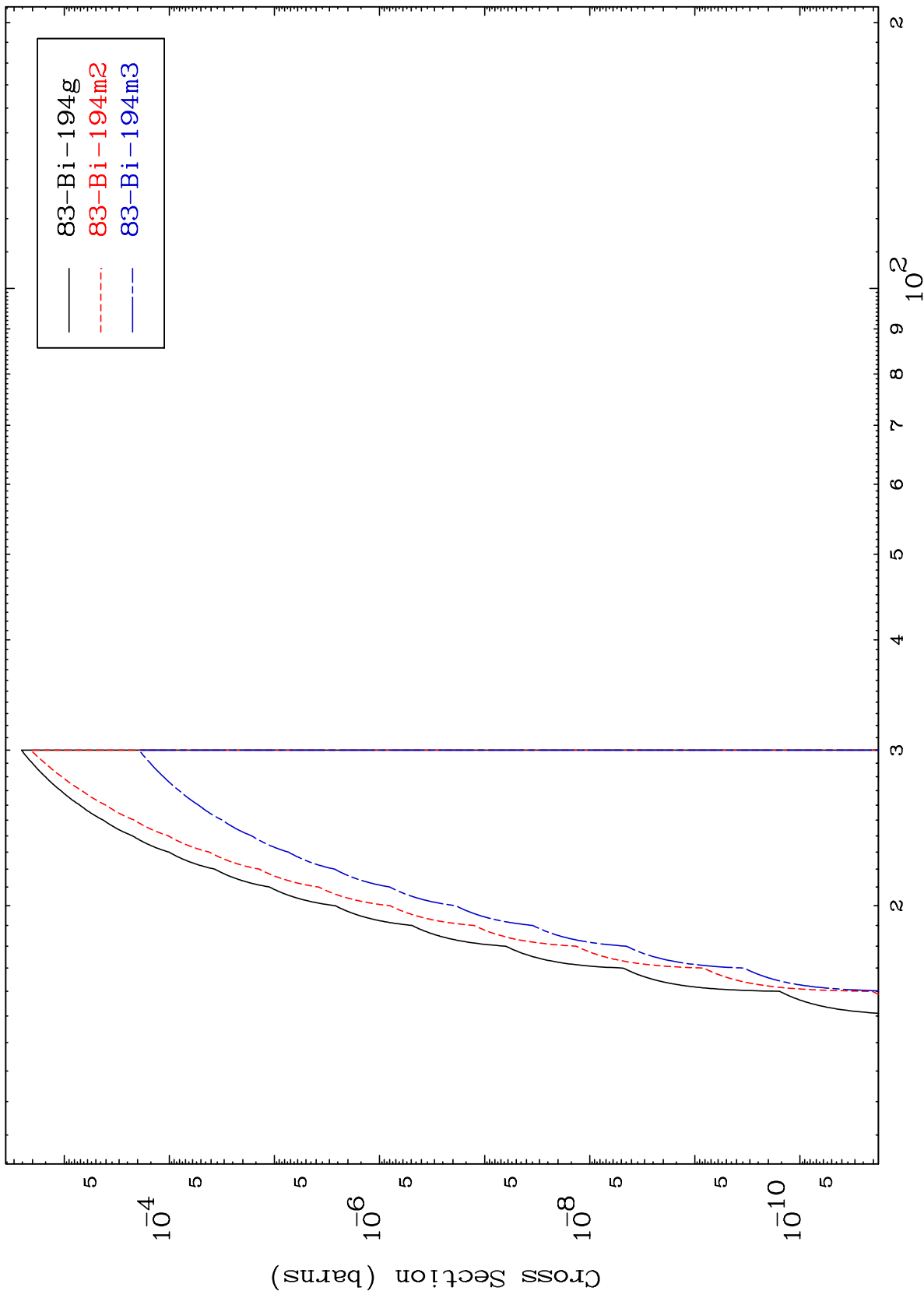
Incident Energy (MeV)

84-Po-196

MAT 8395

84-Po-196

$(n, n') d$
Radionuclide Production Cross Section



79

Incident Energy (MeV)

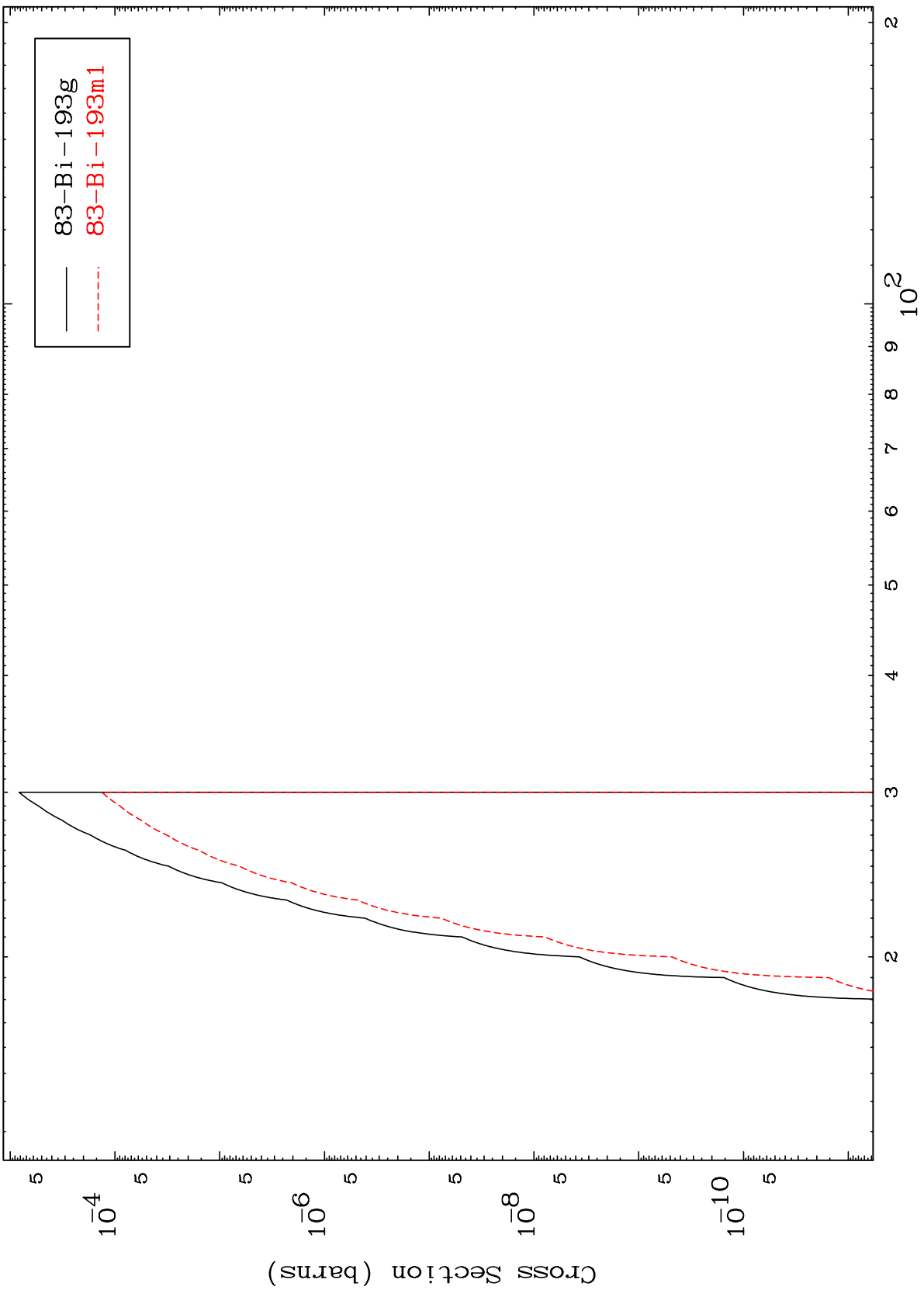
84-Po-196

MAT 8395

(n,n') t

84-Po-196

Radionuclide Production Cross Section



83-Bi-193g
83-Bi-193m1

80

Incident Energy (MeV)

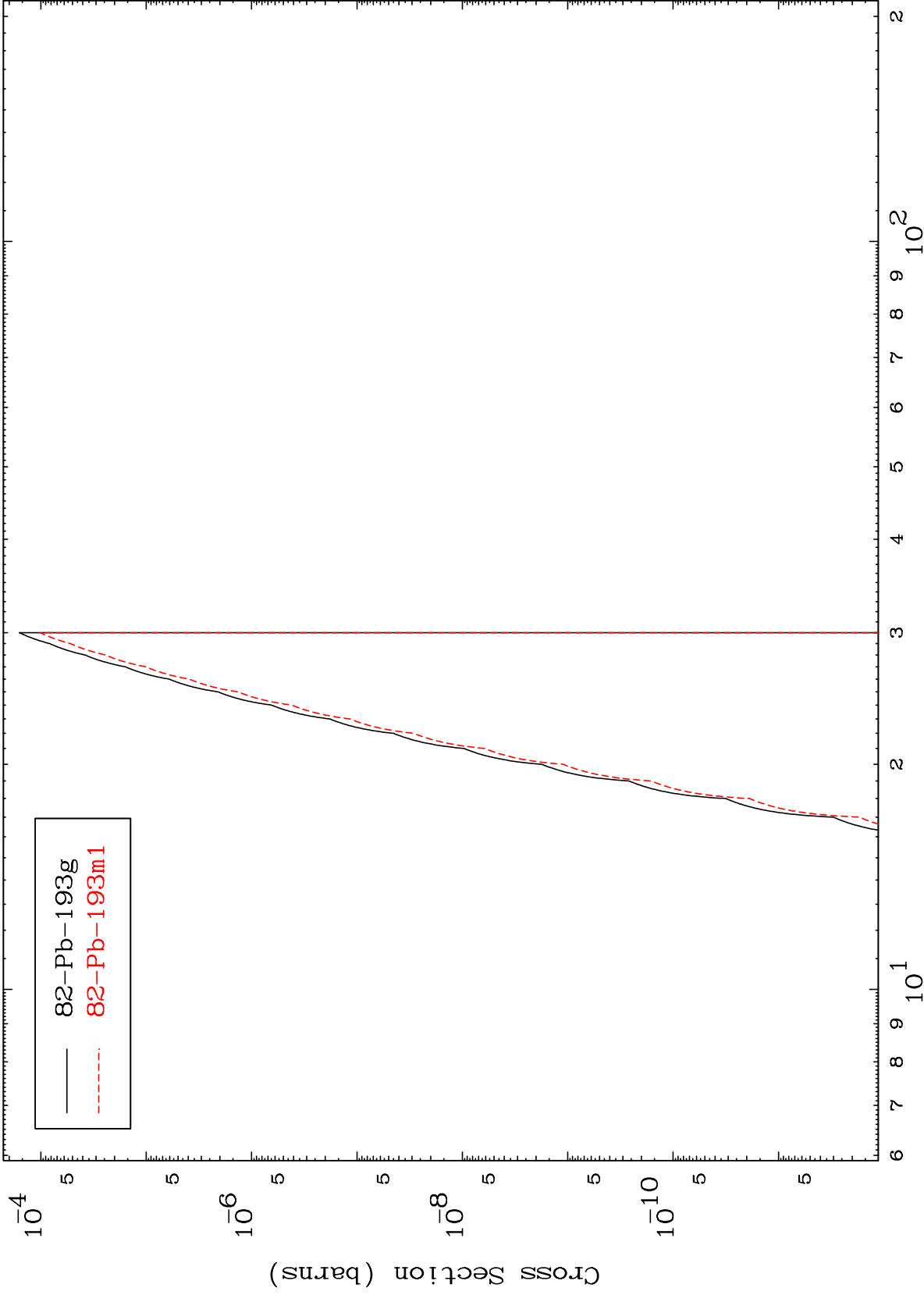
84-Po-196

MAT 8395

(n,n') He-3

84-Po-196

Radionuclide Production Cross Section



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

81

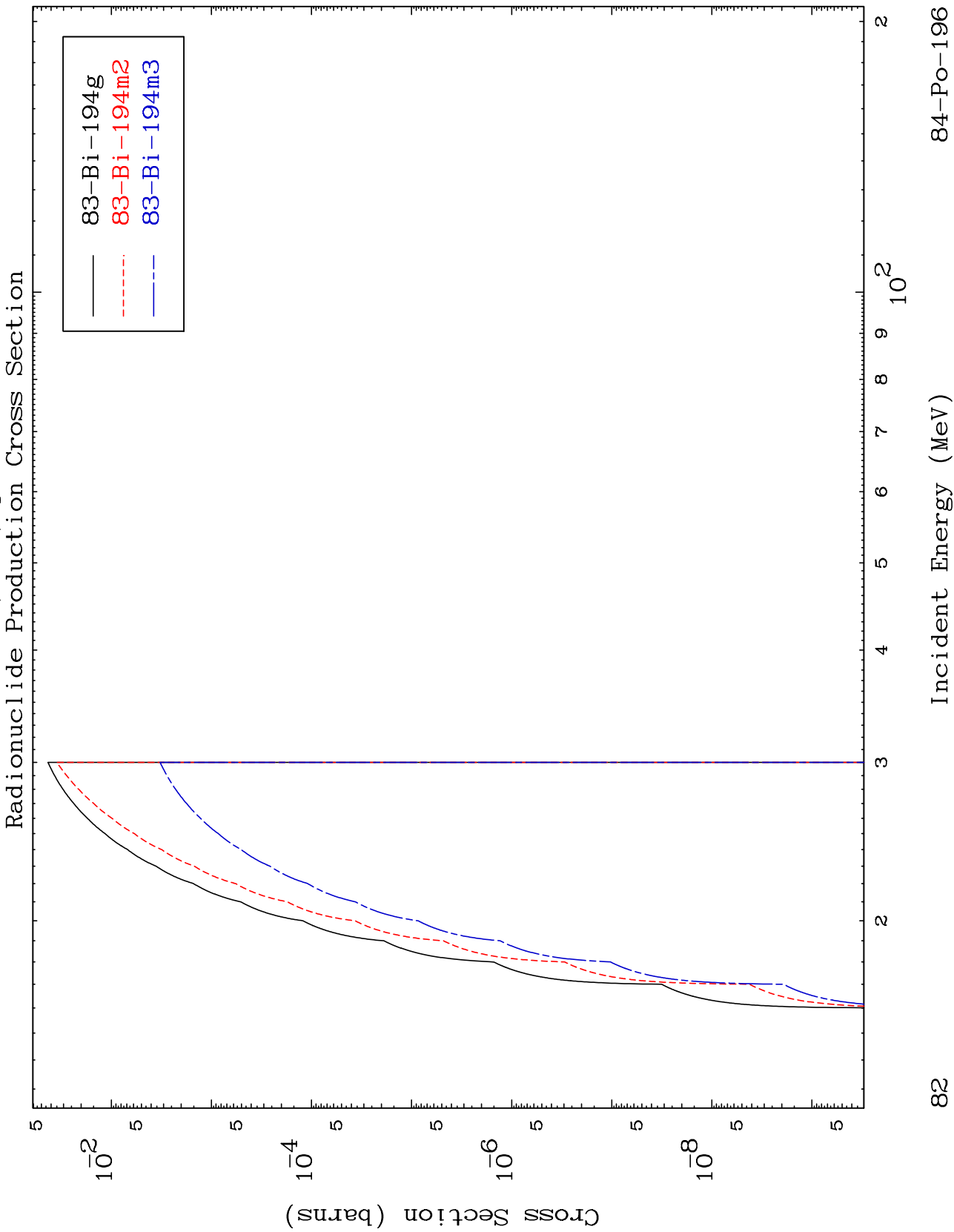
Incident Energy (MeV)

84-Po-196

MAT 8395

(n,2n) p

84-Po-196



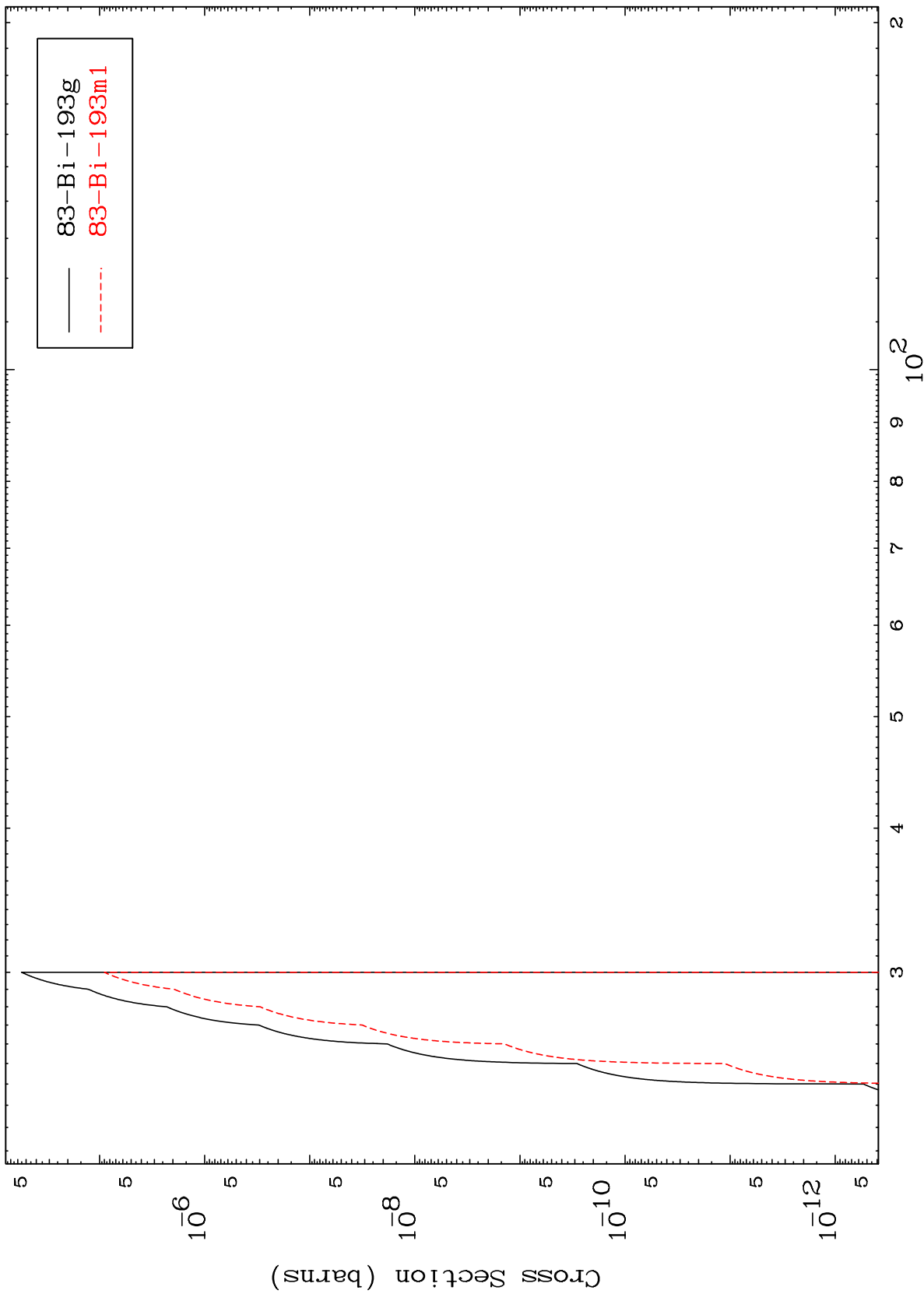
82

MAT 8395

(n,3n) p

84-Po-196

Radionuclide Production Cross Section



83-Bi-193g
83-Bi-193m1

83

Incident Energy (MeV)

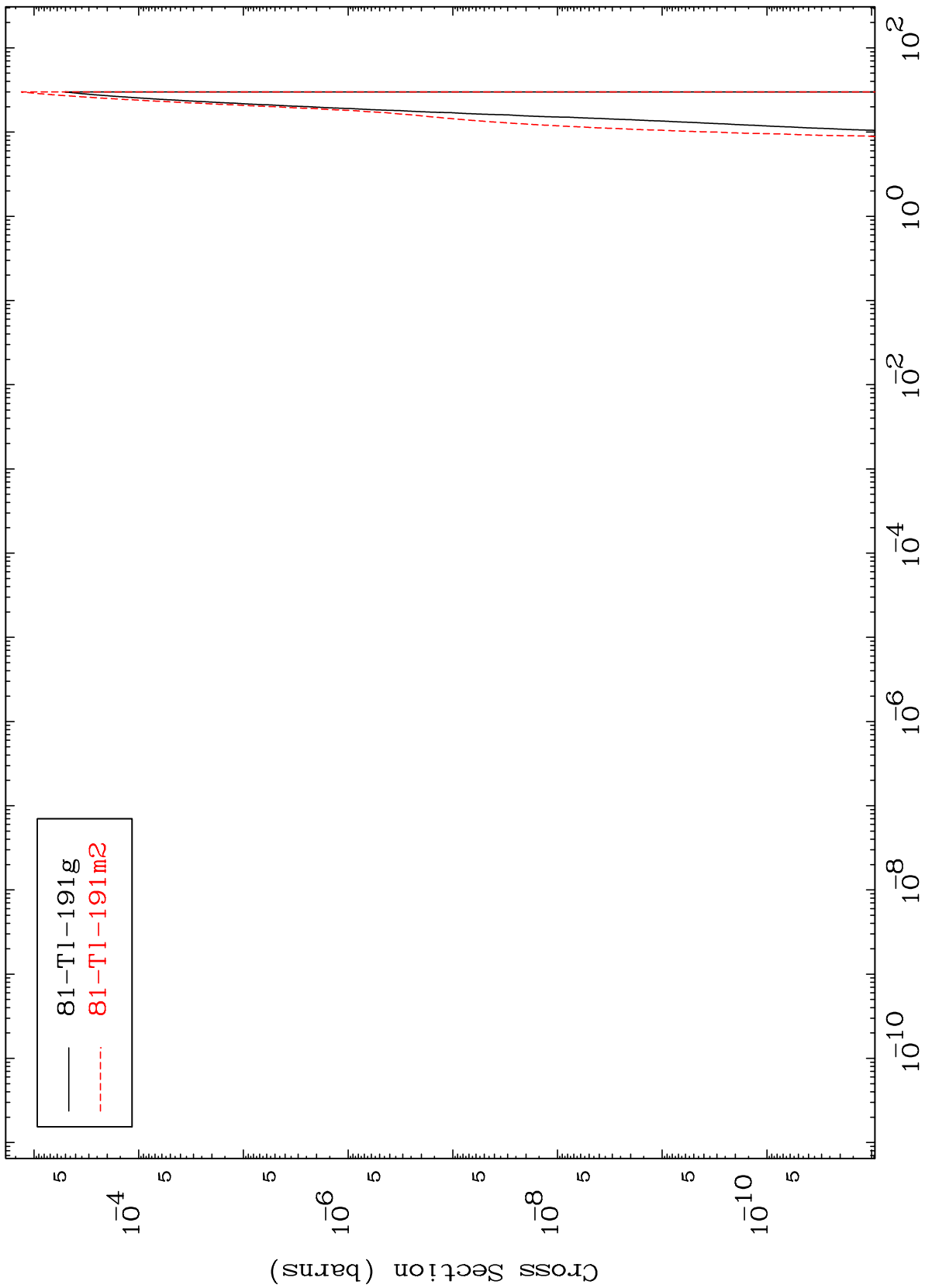
84-Po-196

MAT 8395

(n,n') p α

84-Po-196

Radionuclide Production Cross Section



81-Tl-191g
81-Tl-191m2

84

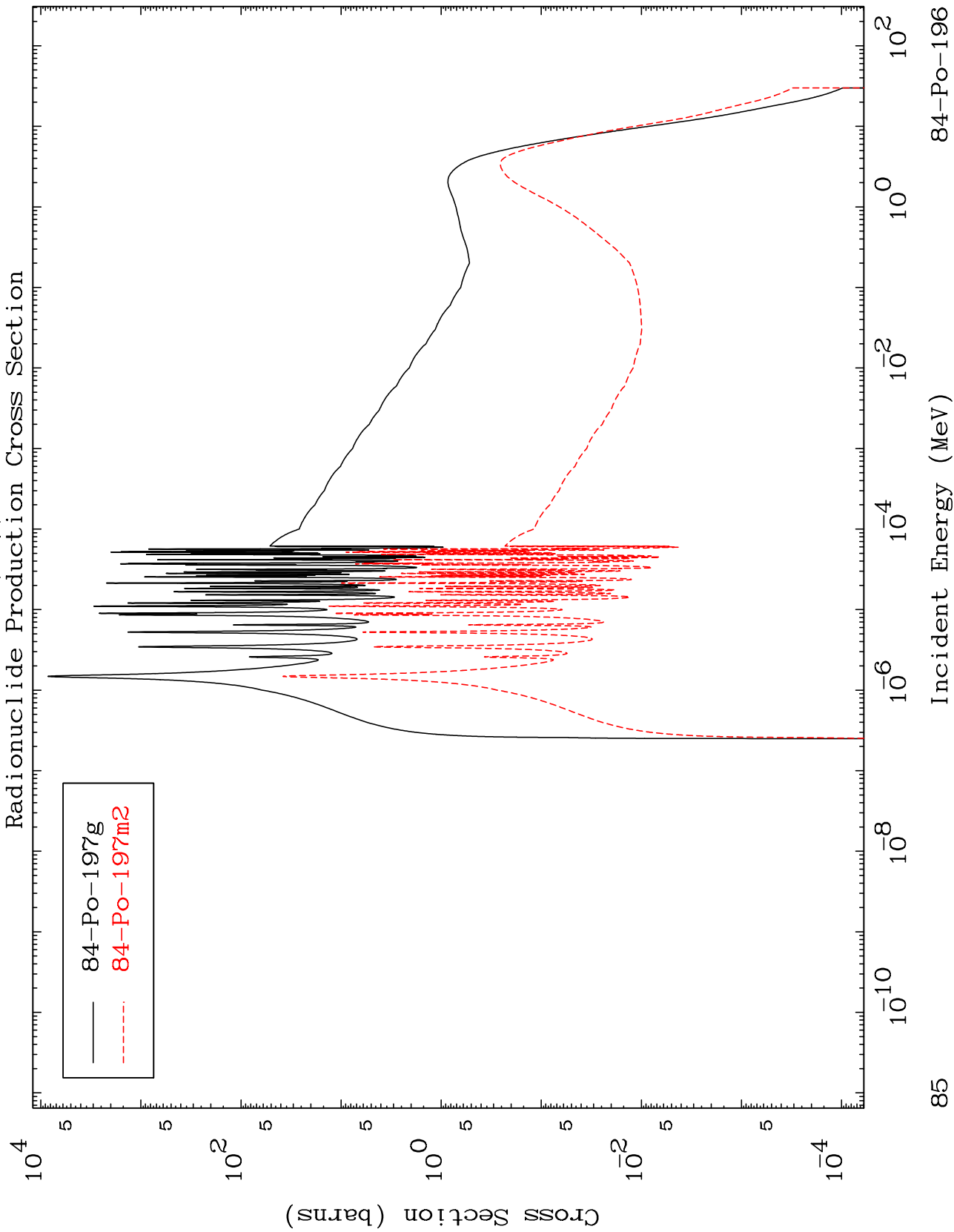
Incident Energy (MeV)

84-Po-196

MAT 8395

84-Po-196

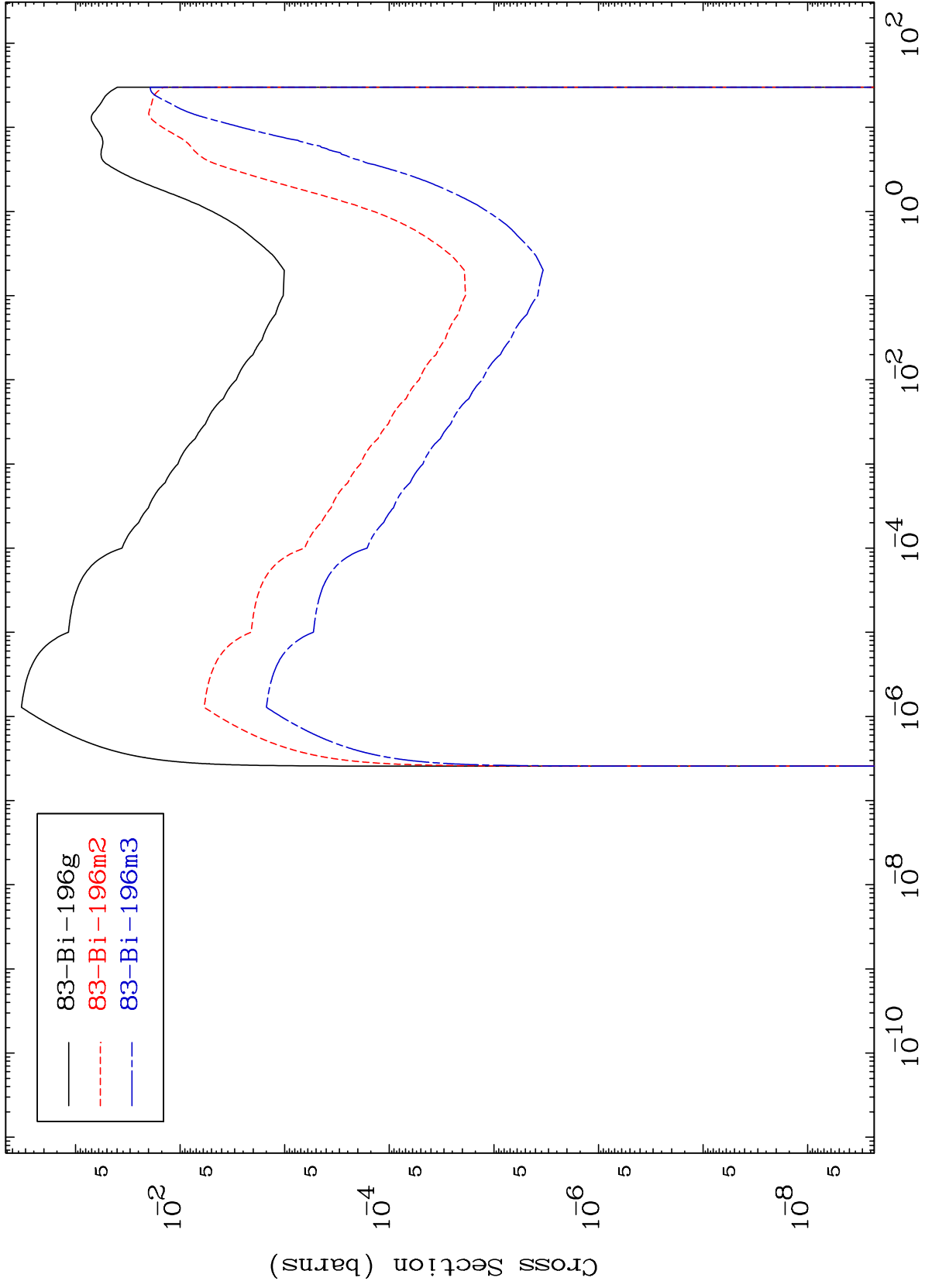
(n, γ)
Radionuclide Production Cross Section



85

84-Po-196

(n,p)
Radionuclide Production Cross Section

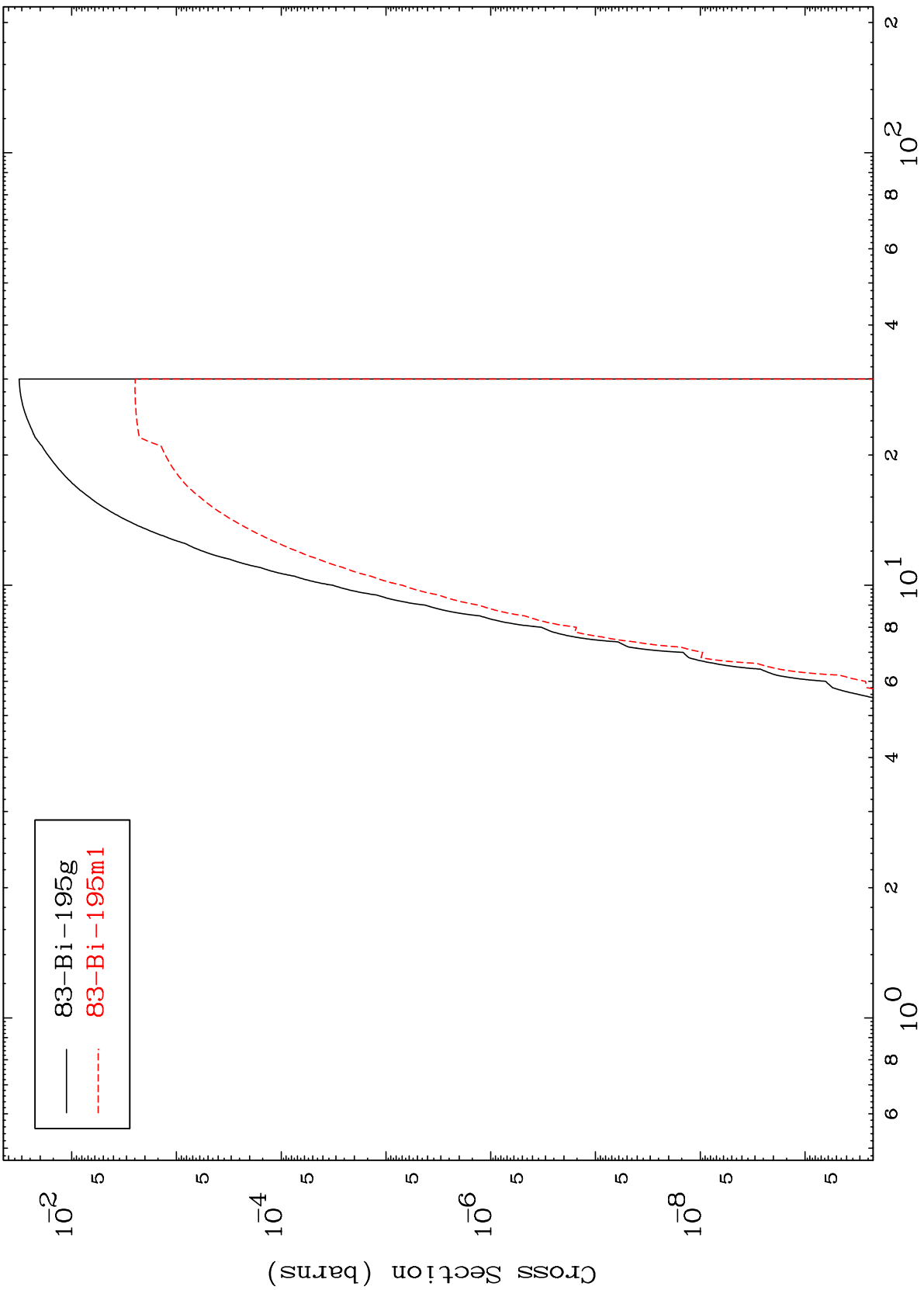
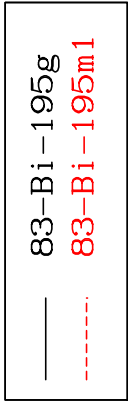


MAT 8395

(n,d)

84-Po-196

Radionuclide Production Cross Section



87

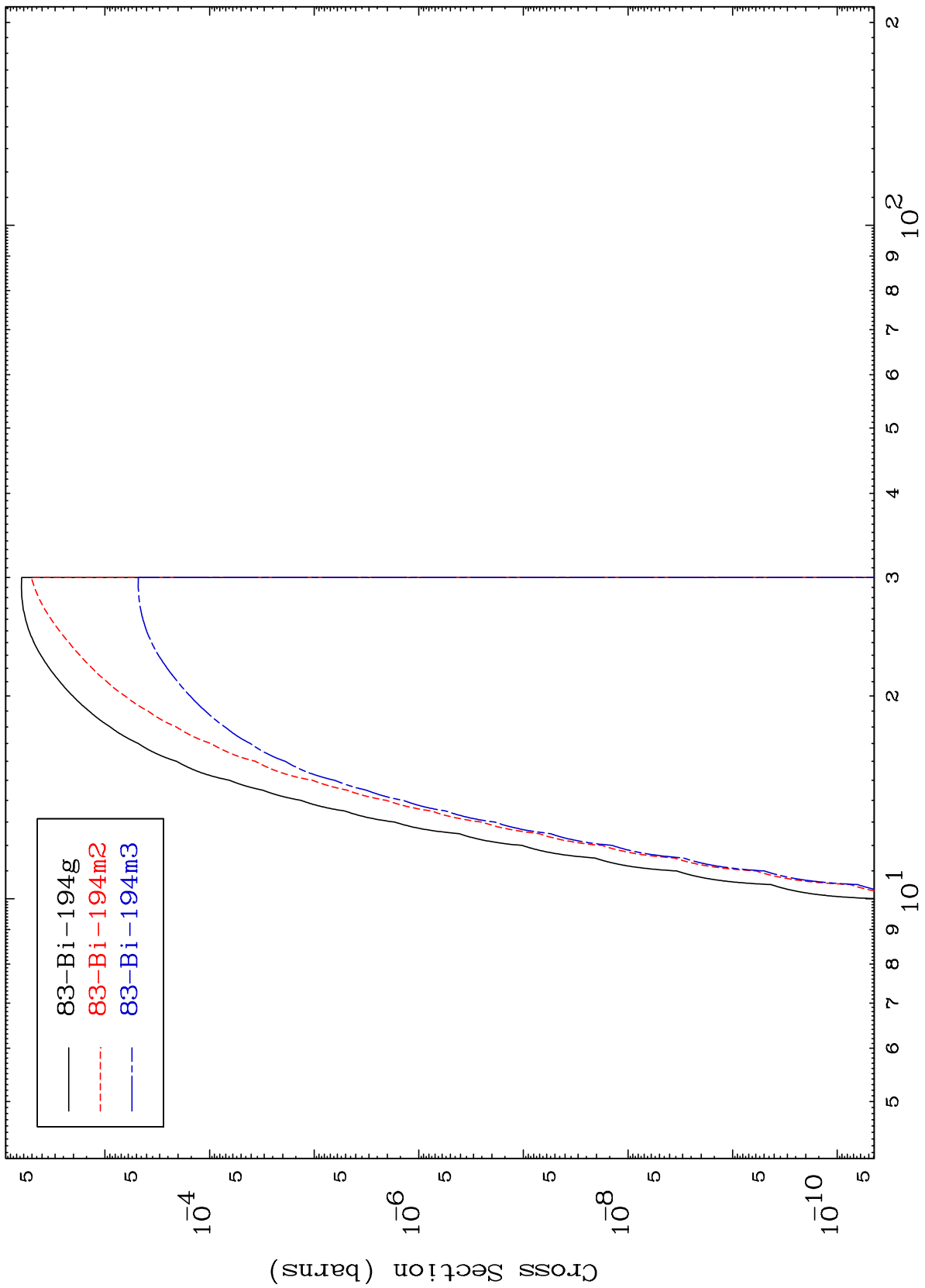
Incident Energy (MeV)

84-Po-196

MAT 8395

84-Po-196

Radionuclide Production Cross Section (n, t)



88

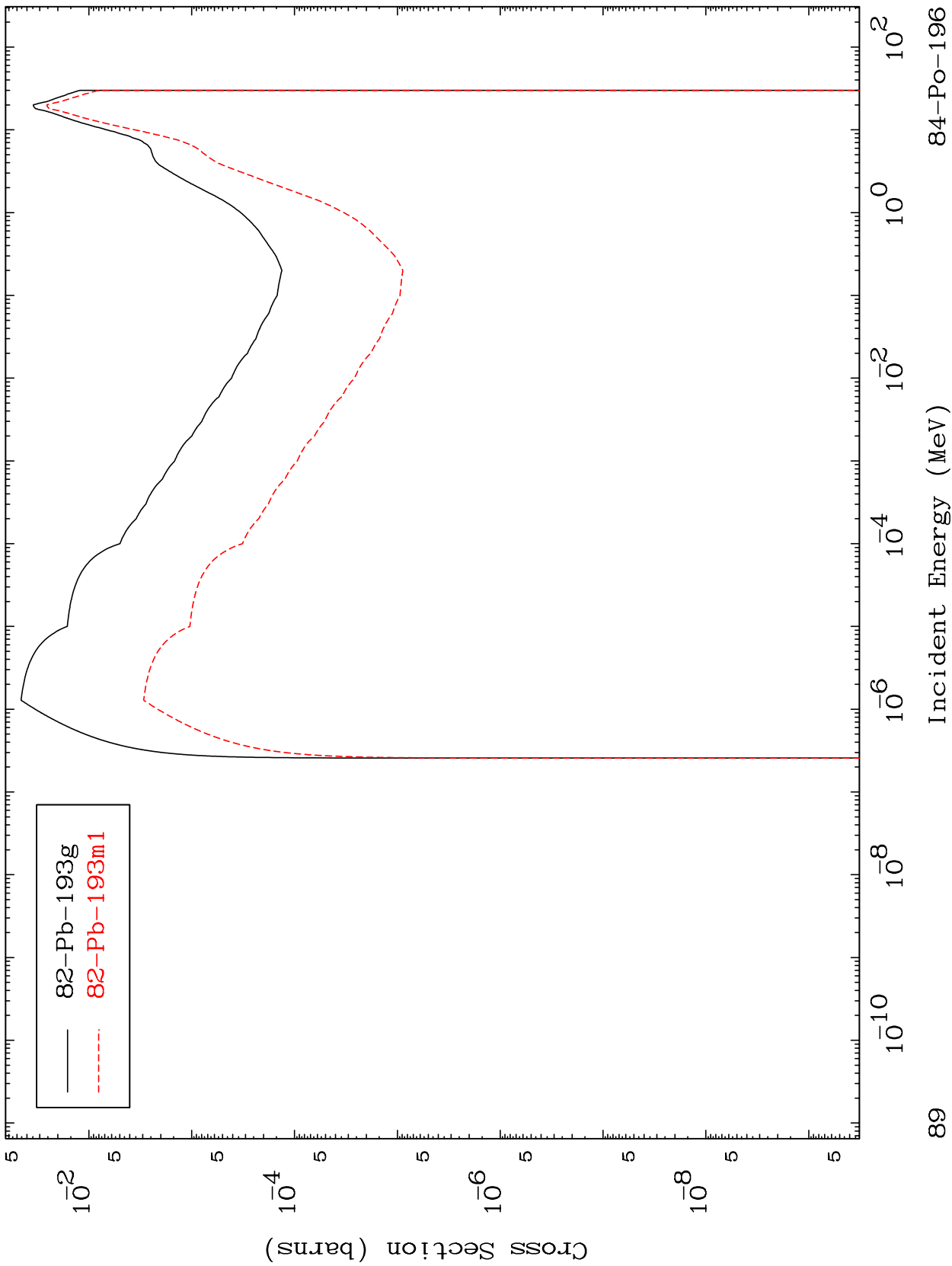
Incident Energy (MeV)

84-Po-196

MAT 8395

84-Po-196

Radionuclide Production Cross Section
(n, α)



89

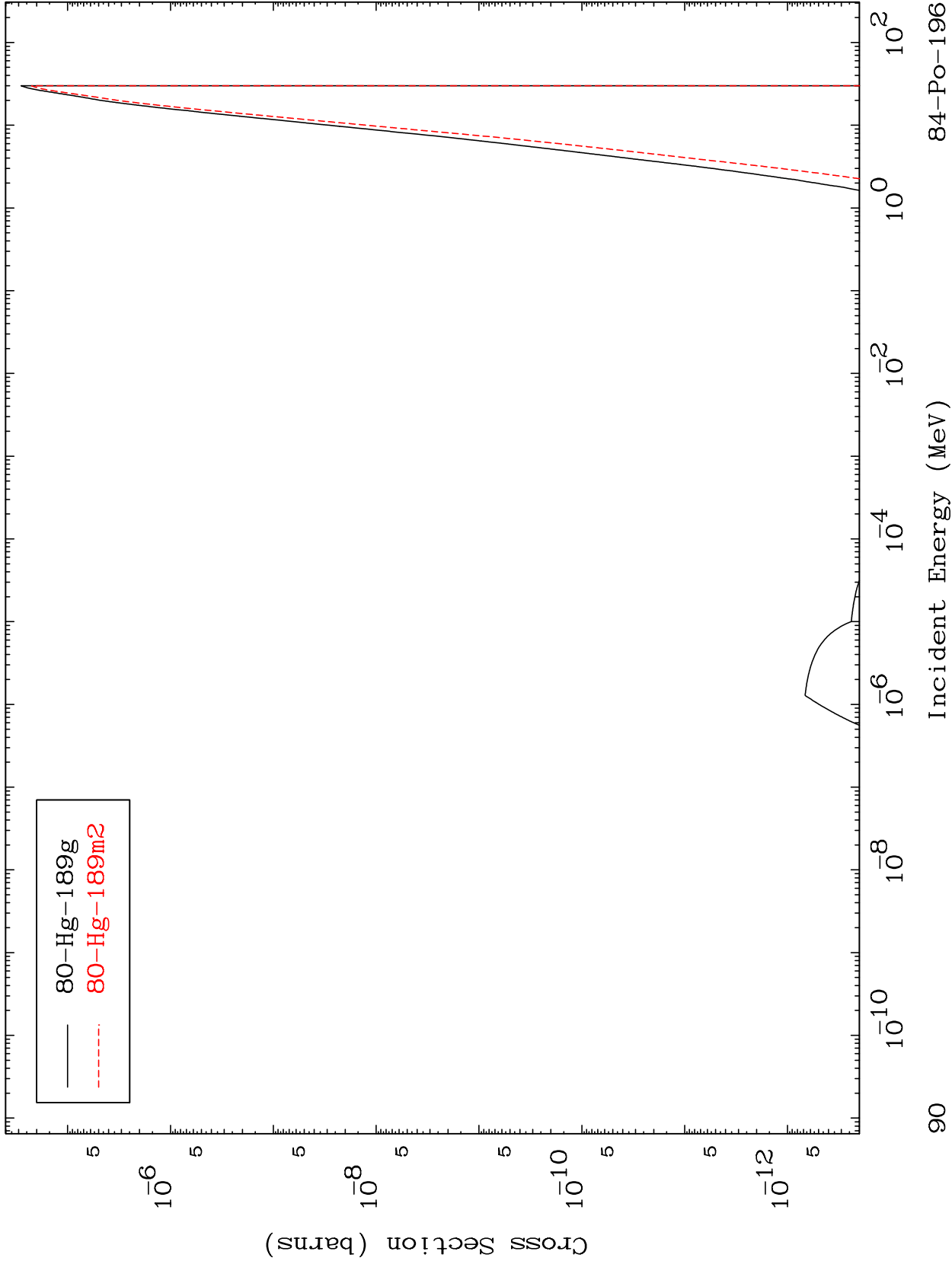
84-Po-196

MAT 8395

(n,2α)

84-Po-196

Radionuclide Production Cross Section

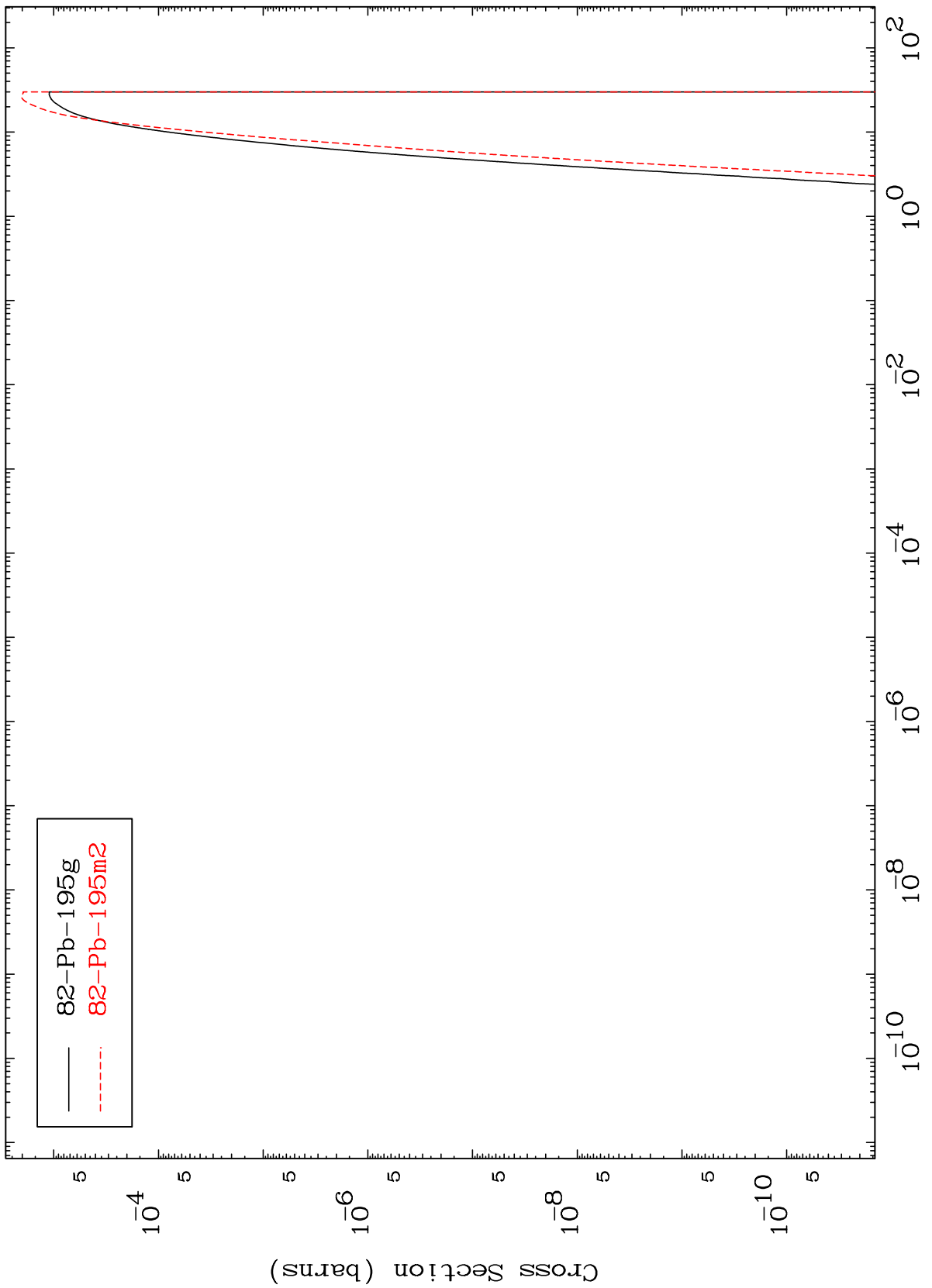


MAT 8395

(n,2p)

84-Po-196

Radionuclide Production Cross Section

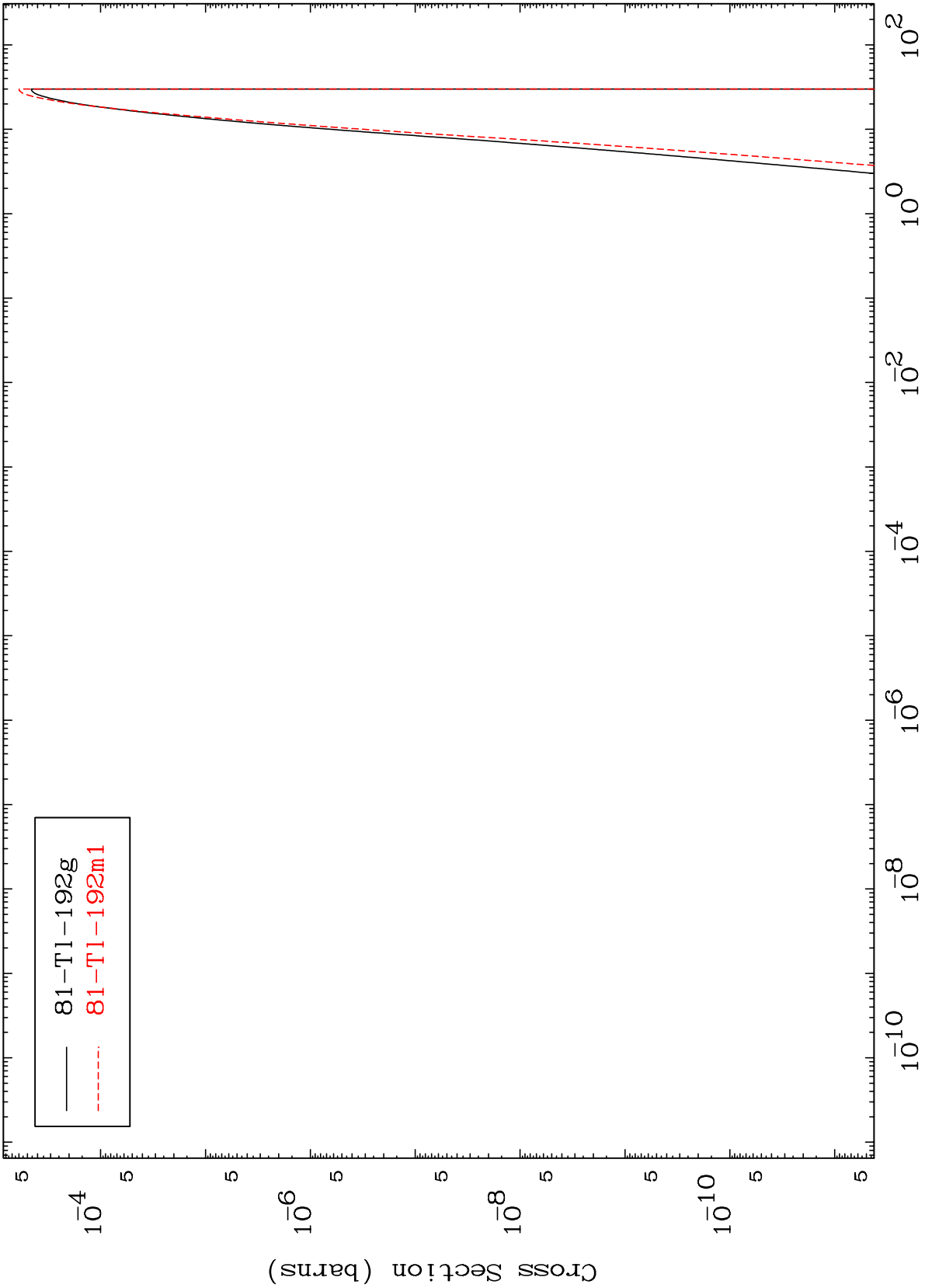


MAT 8395

(n,p) α

84-Po-196

Radionuclide Production Cross Section



92

Incident Energy (MeV)

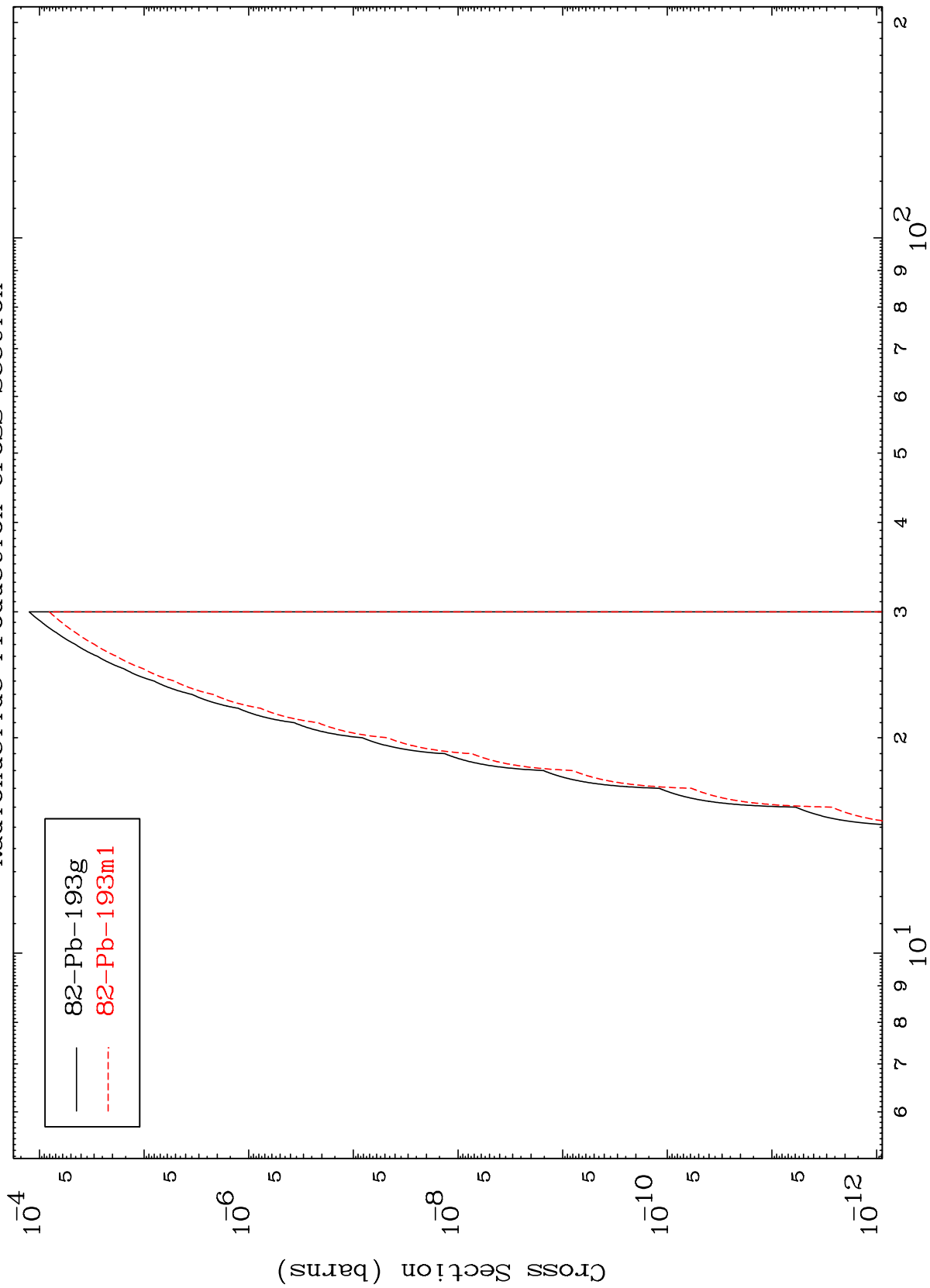
84-Po-196

MAT 8395

(n,p) t

84-Po-196

Radionuclide Production Cross Section



93

Incident Energy (MeV)

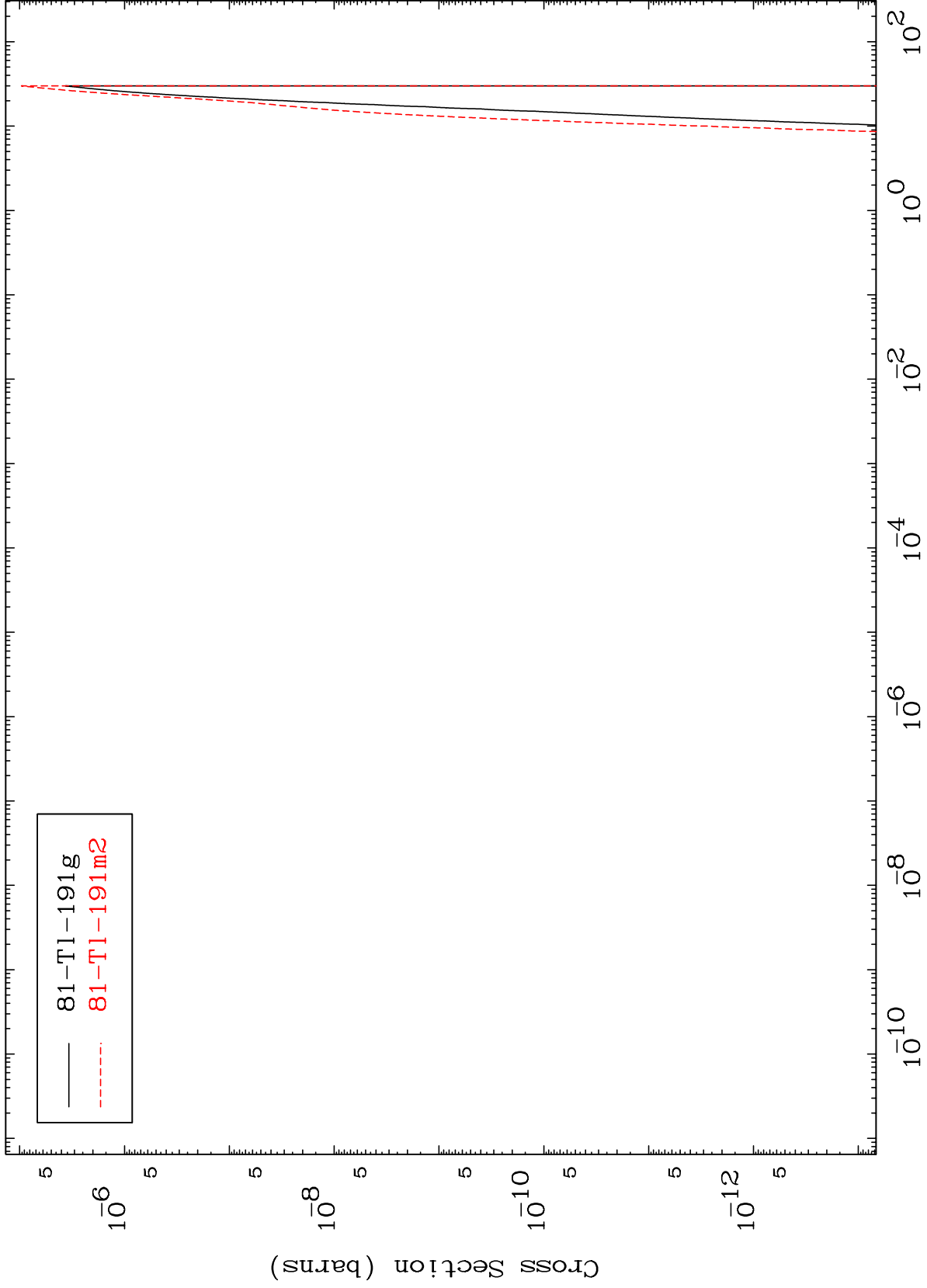
84-Po-196

MAT 8395

(n,d) α

84-Po-196

Radionuclide Production Cross Section



94

Incident Energy (MeV)

84-Po-196