

Program EVALPLOT
(Version 2021-1)

by

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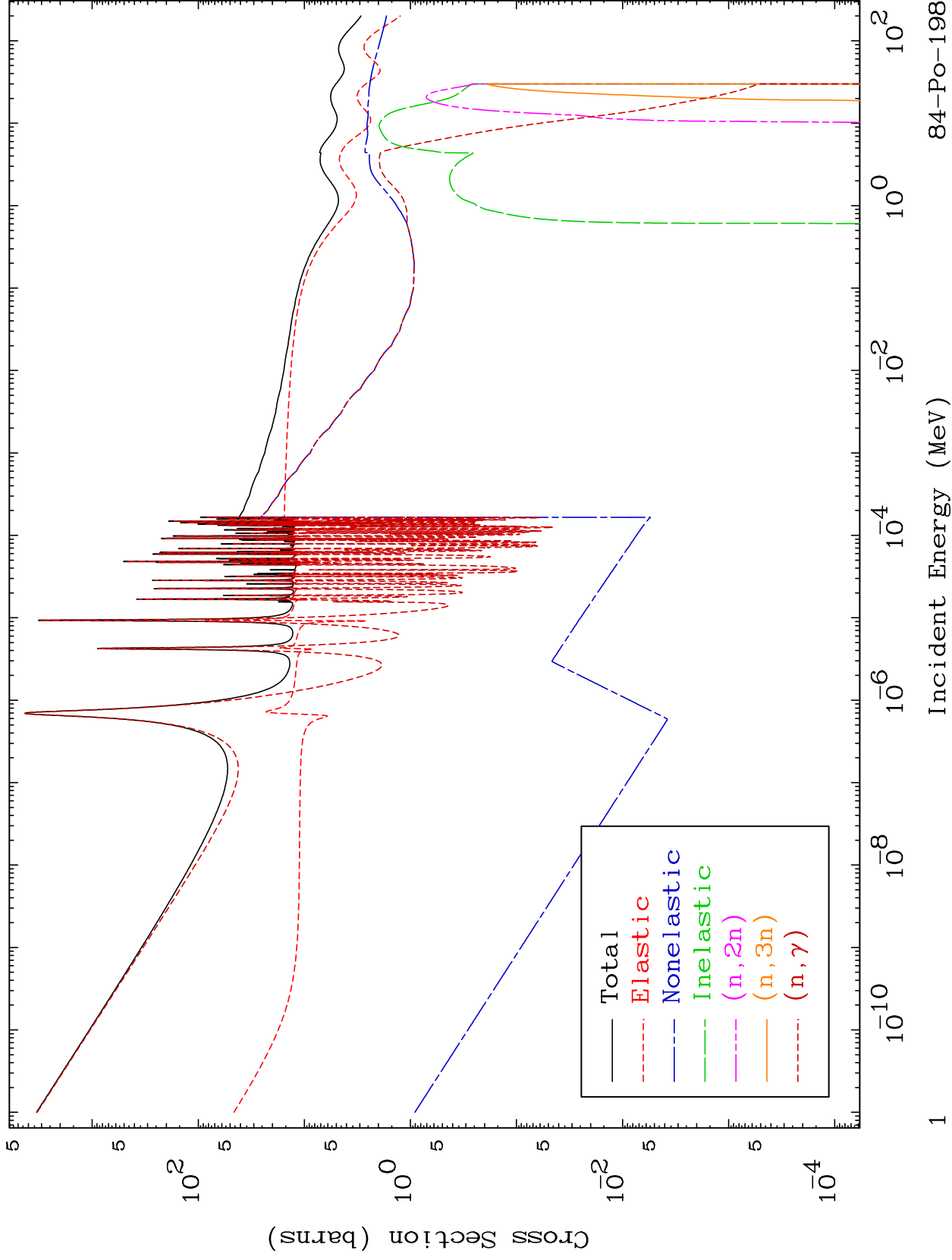
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Press Mouse Button to Start

MAT 8401

Neutron Major
293 Kelvin Cross Sections

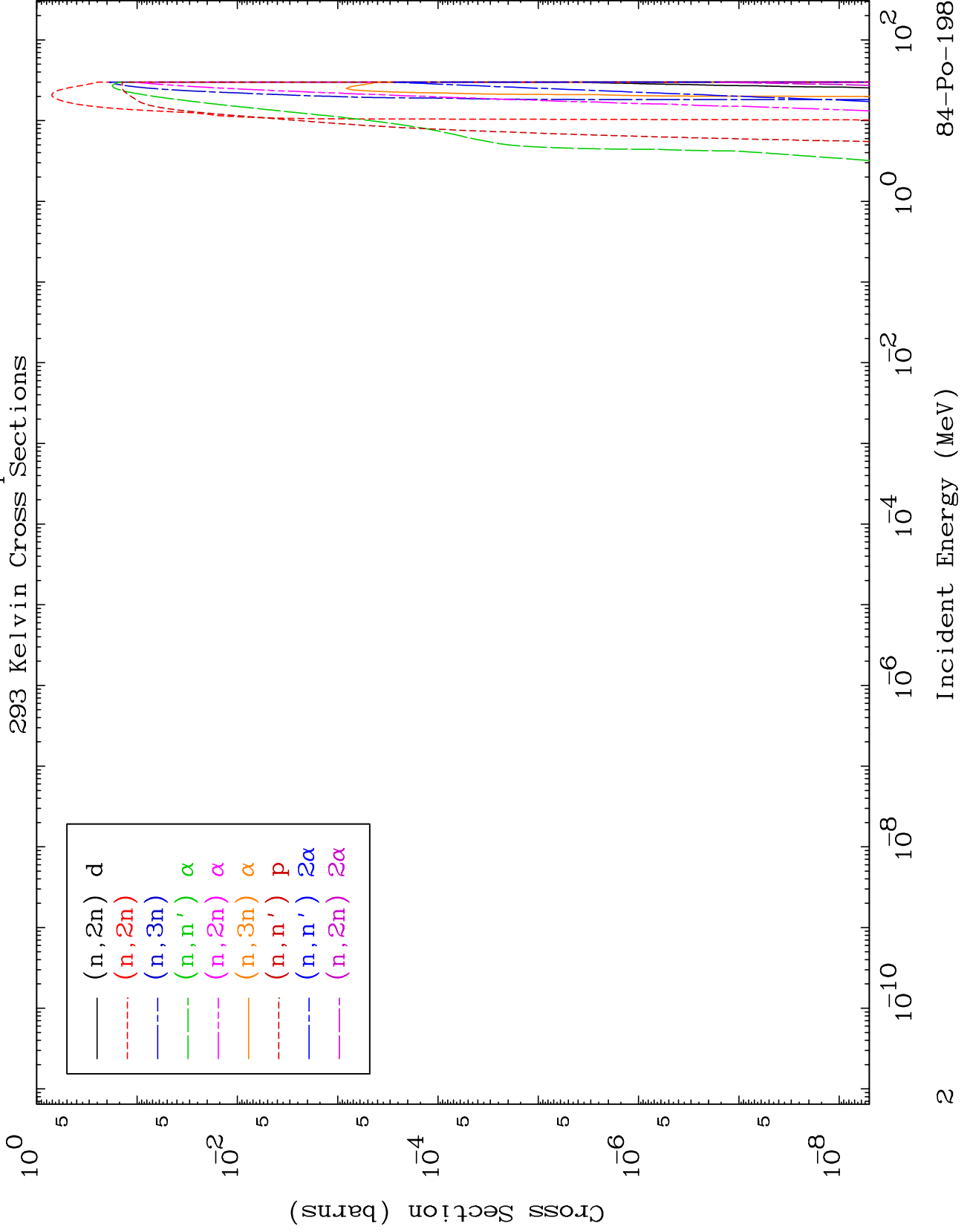
84-Po-198



MAT 8401

Neutron Absorption
293 Kelvin Cross Sections

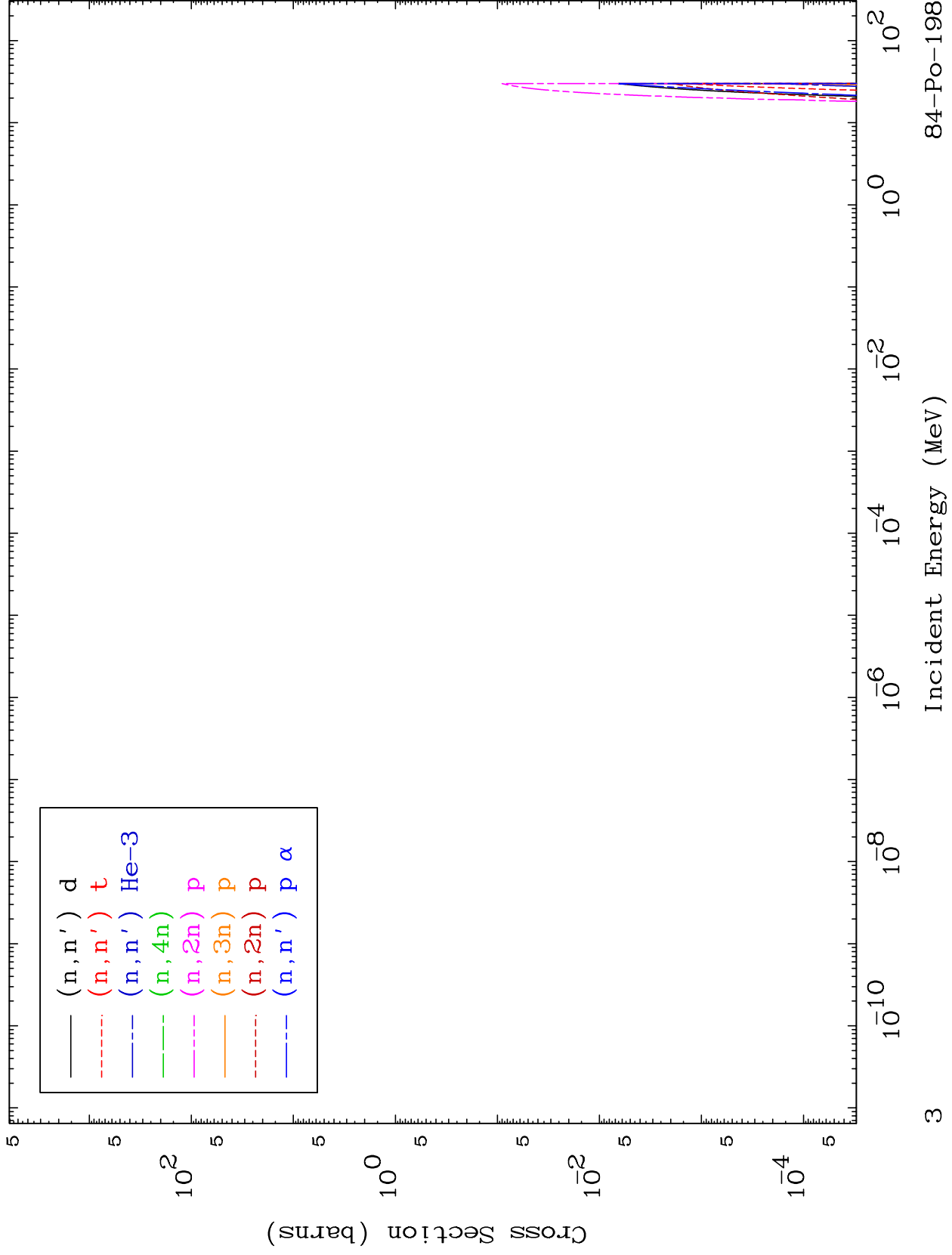
84-Po-198



MAT 8401

Neutron Absorption
293 Kelvin Cross Sections

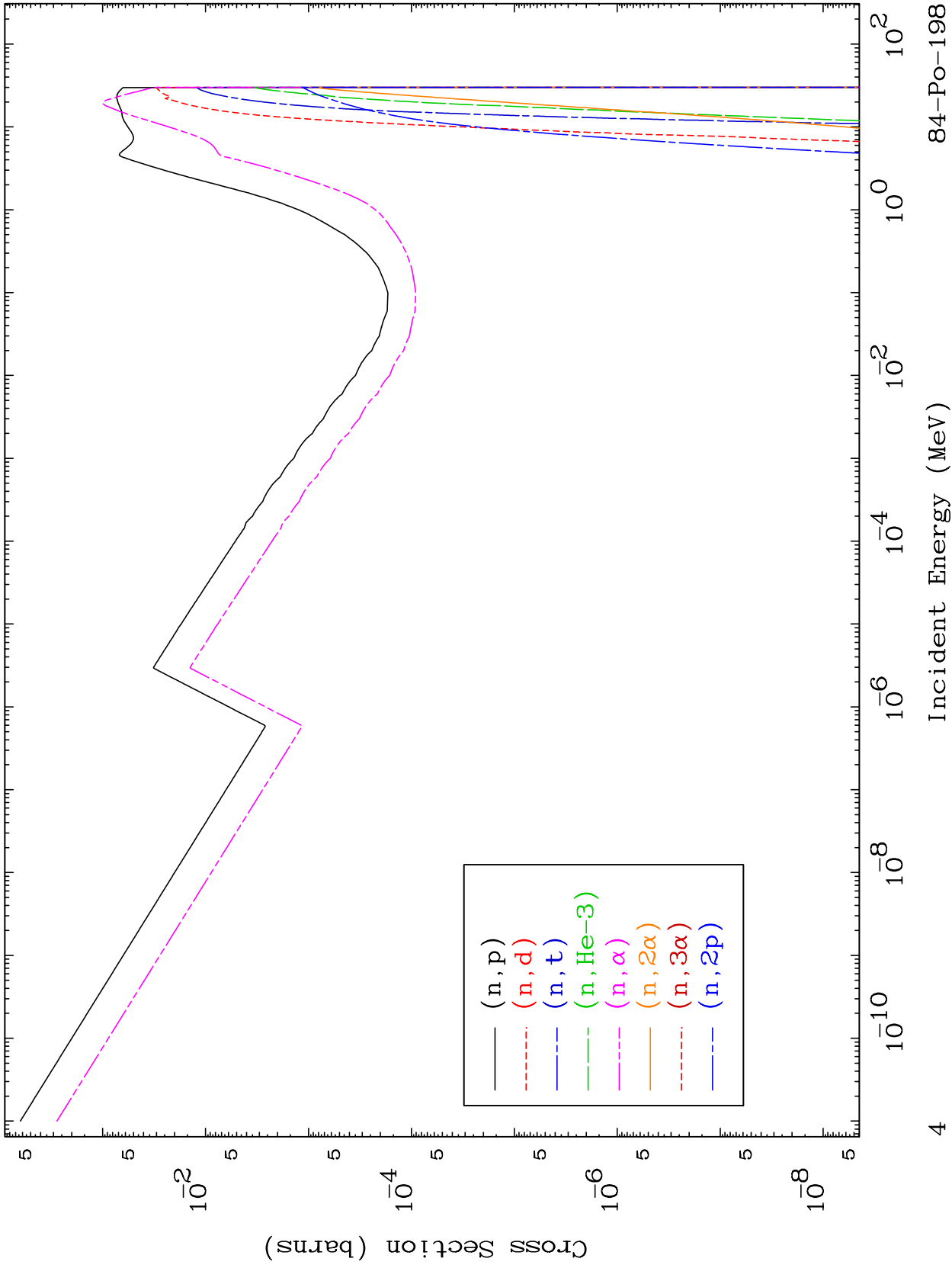
84-Po-198



MAT 8401

Neutron Absorption
293 Kelvin Cross Sections

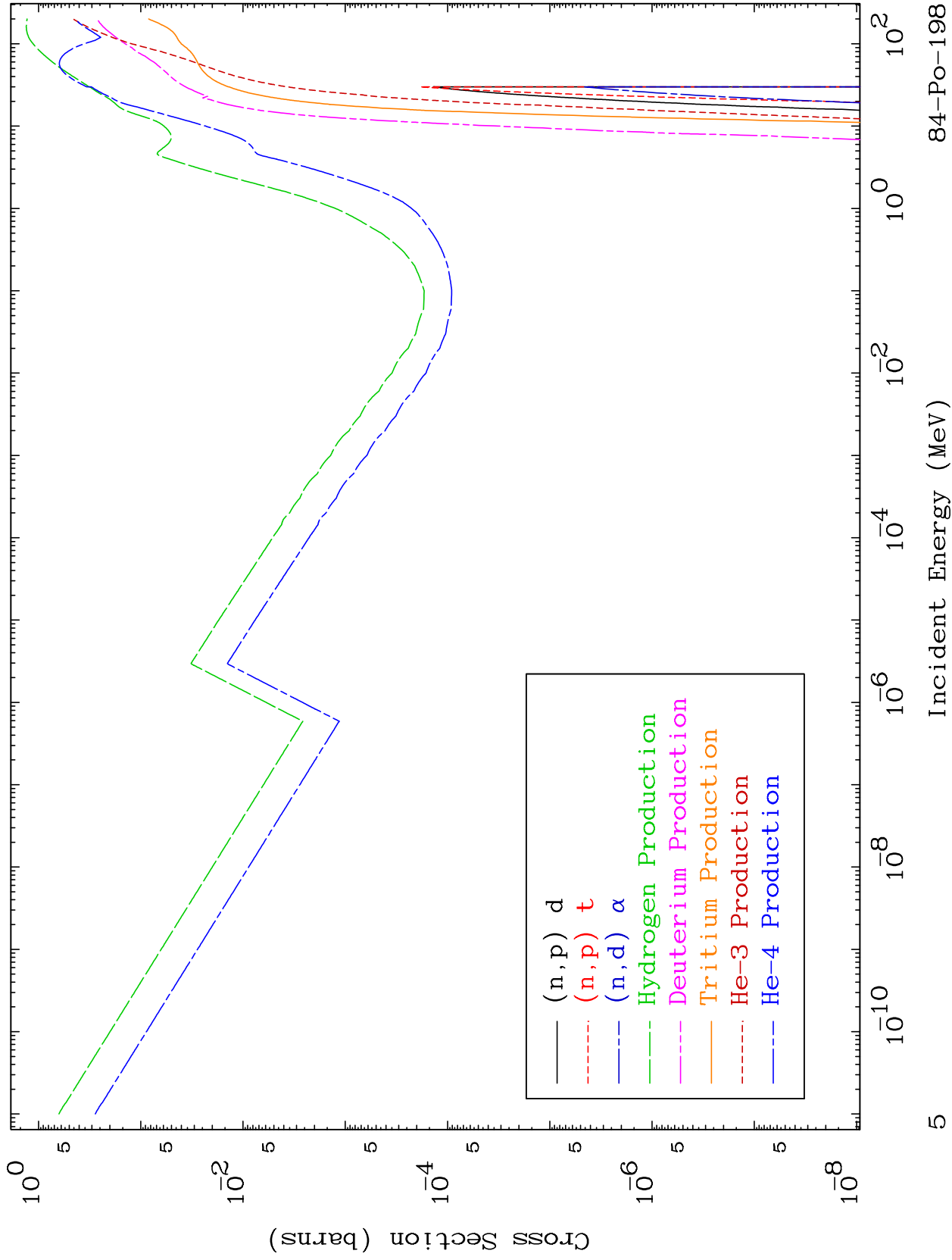
84-Po-198



MAT 8401

Neutron Absorption
293 Kelvin Cross Sections

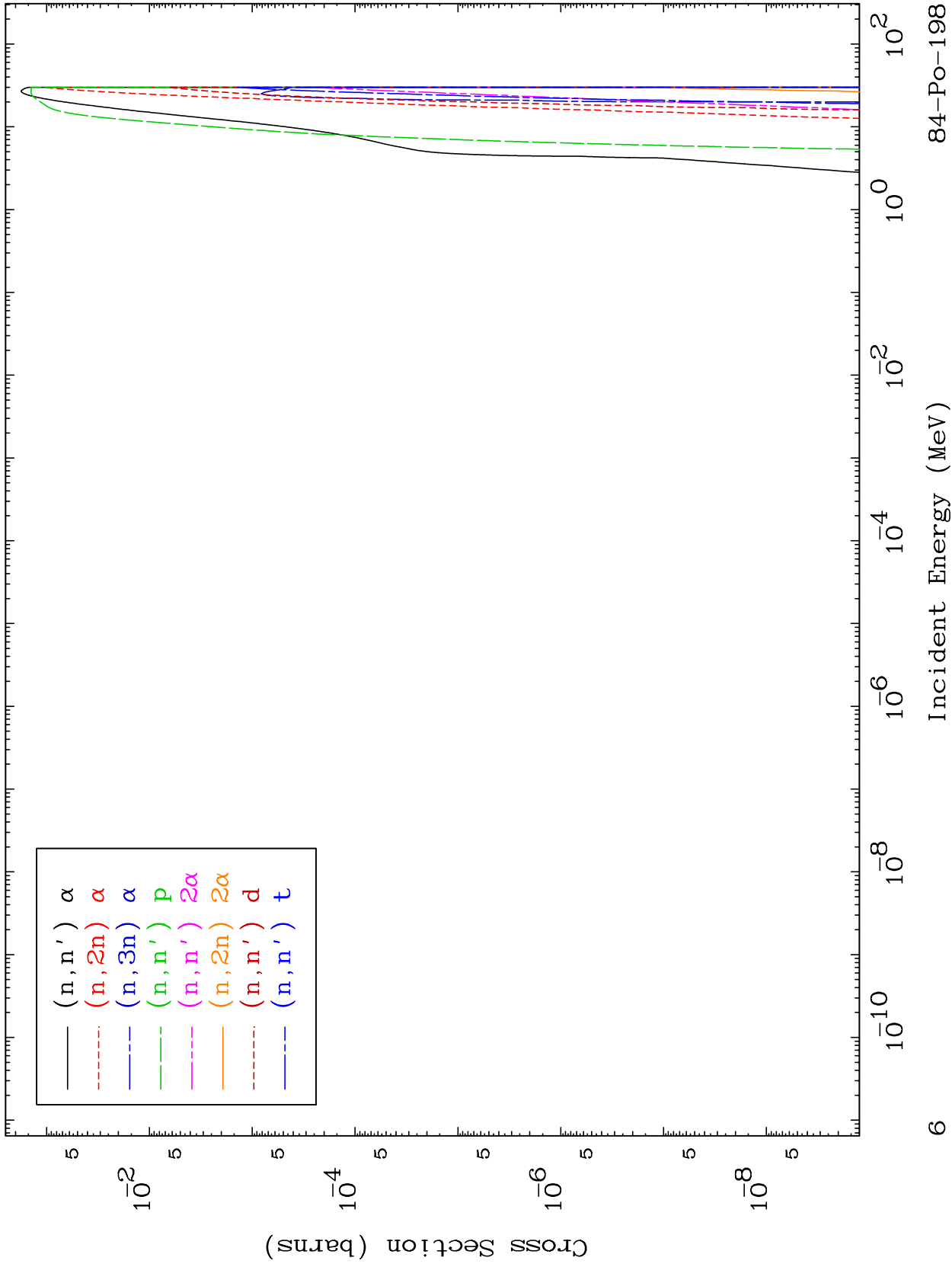
84-Po-198



MAT 8401

Charged Particle
293 Kelvin Cross Sections

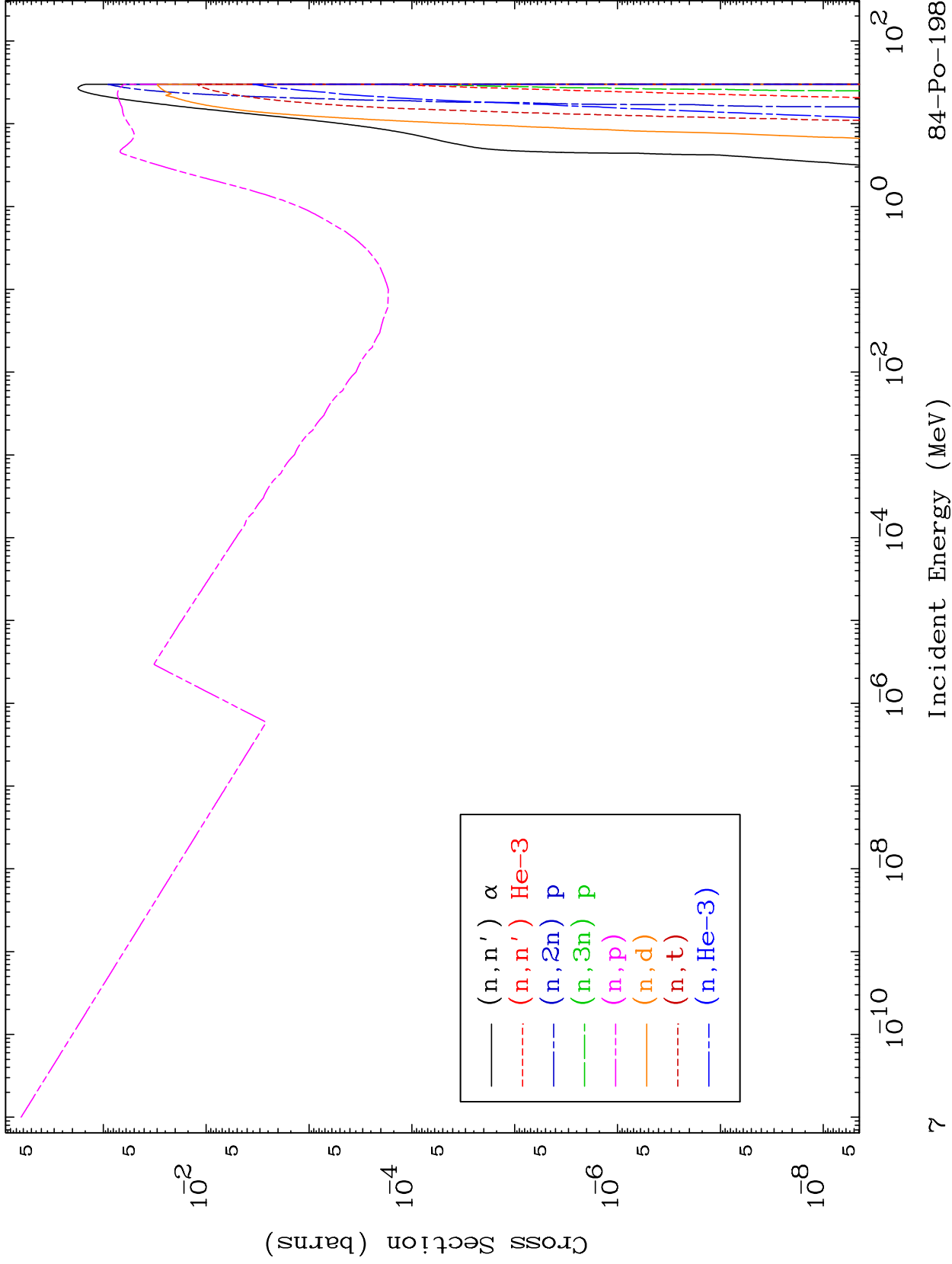
84-Po-198



MAT 8401

Charged Particle
293 Kelvin Cross Sections

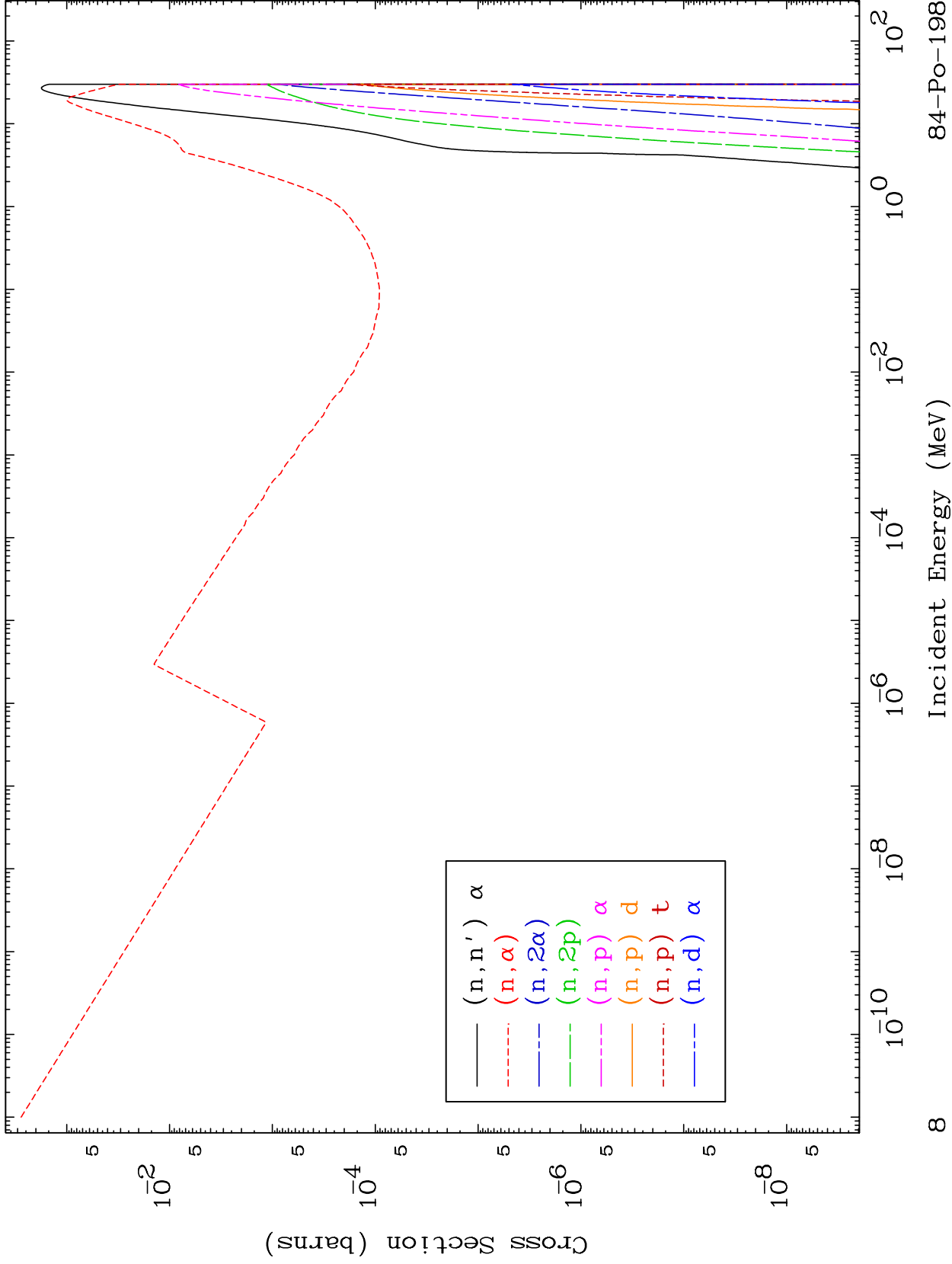
84-Po-198



MAT 8401

Charged Particle
293 Kelvin Cross Sections

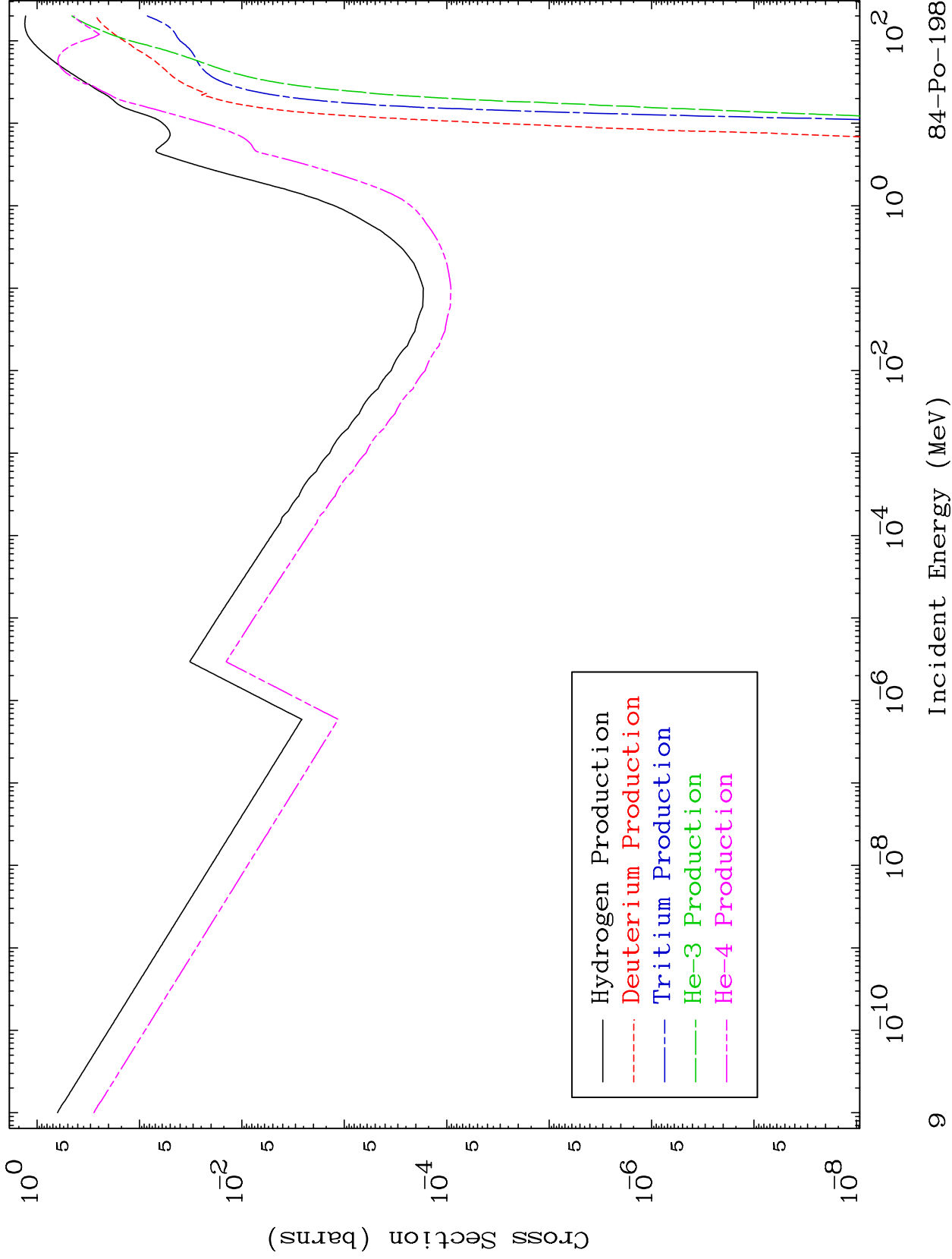
84-Po-198



MAT 8401

Particle Production
293 Kelvin Cross Sections

84-Po-198

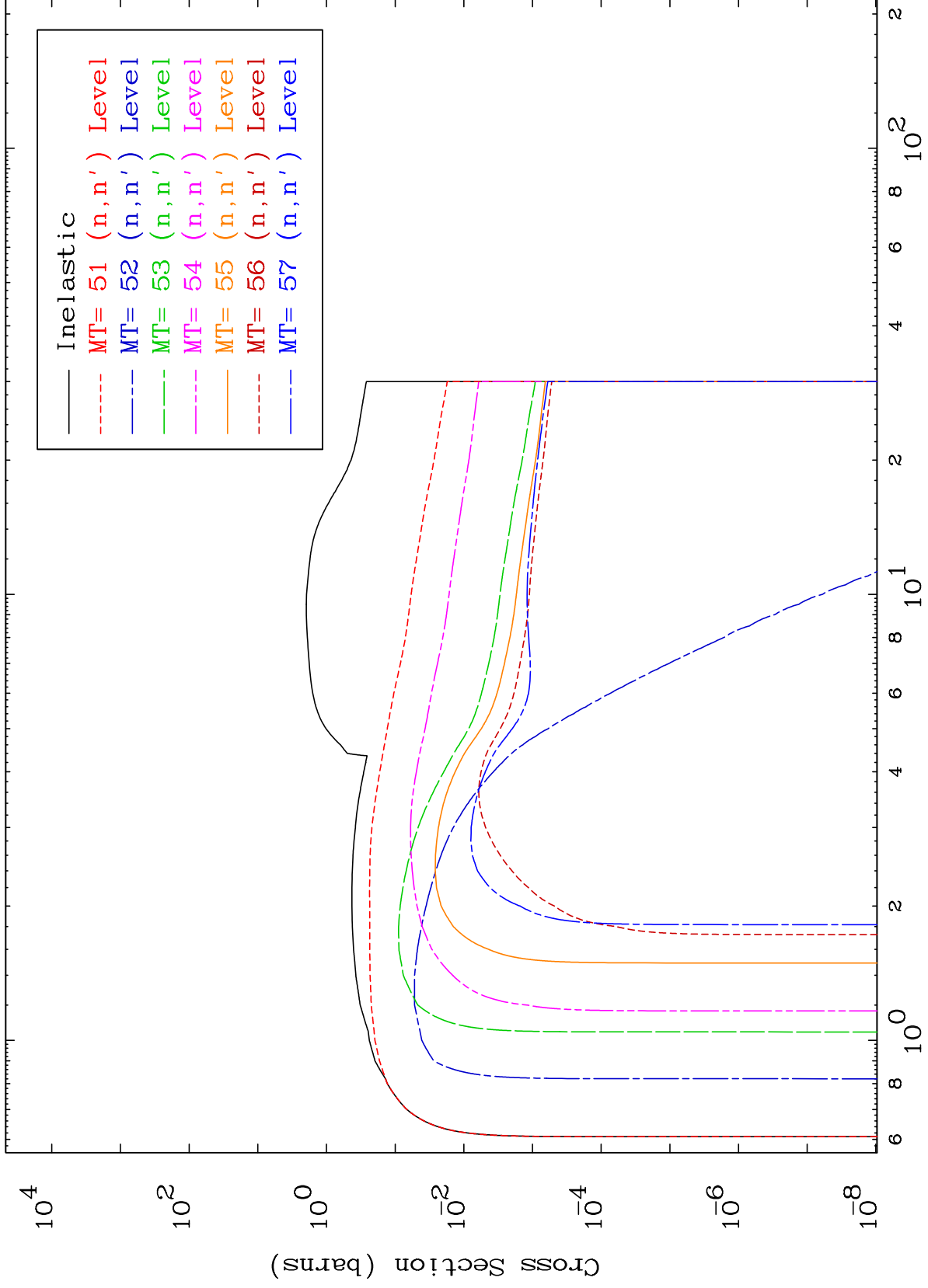


MAT 8401

(n,n') Levels

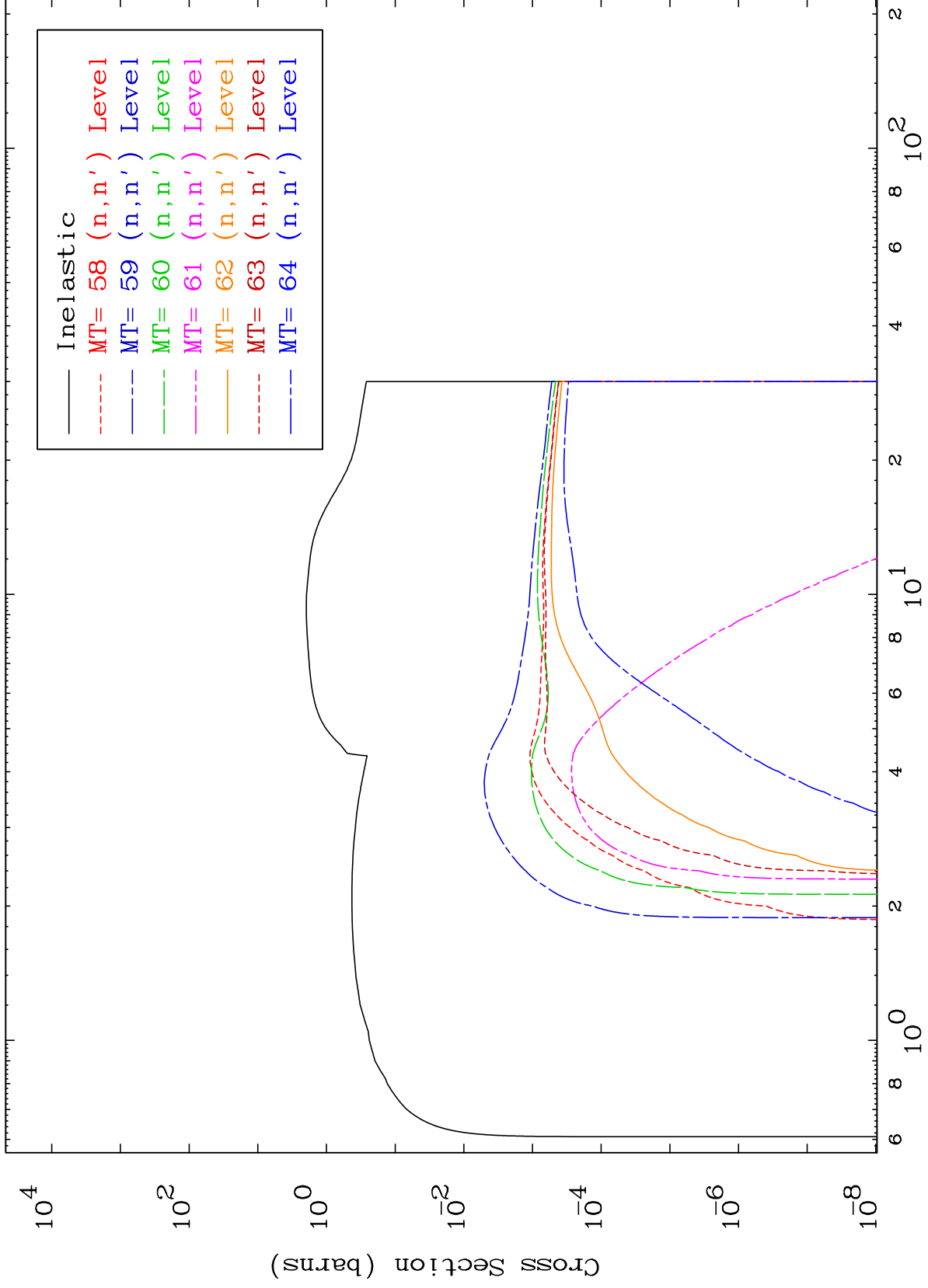
84-Po-198

293 Kelvin Cross Sections



Incident Energy (MeV)

84-Po-198

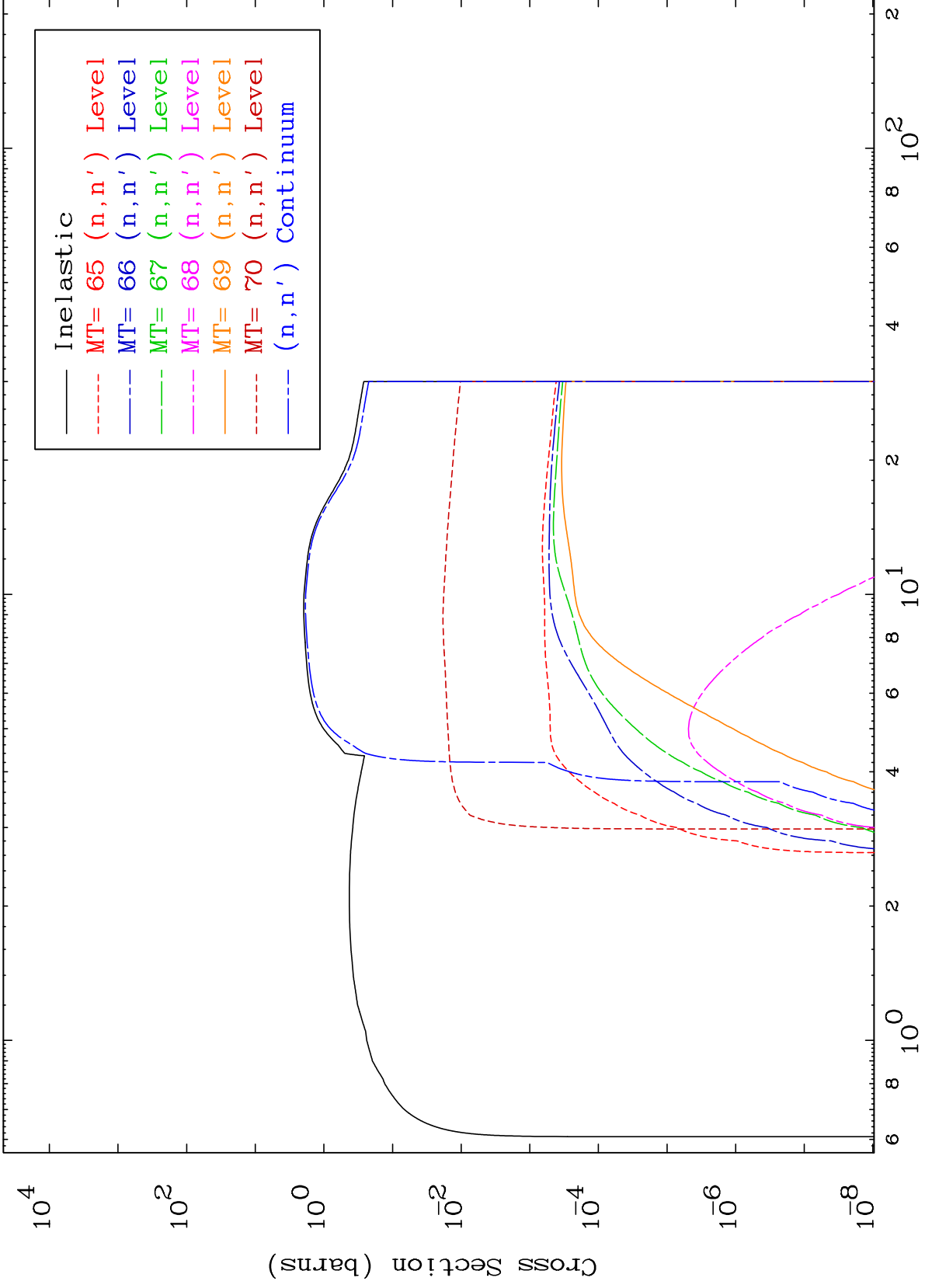


MAT 8401

(n,n') Levels

84-Po-198

293 Kelvin Cross Sections



12

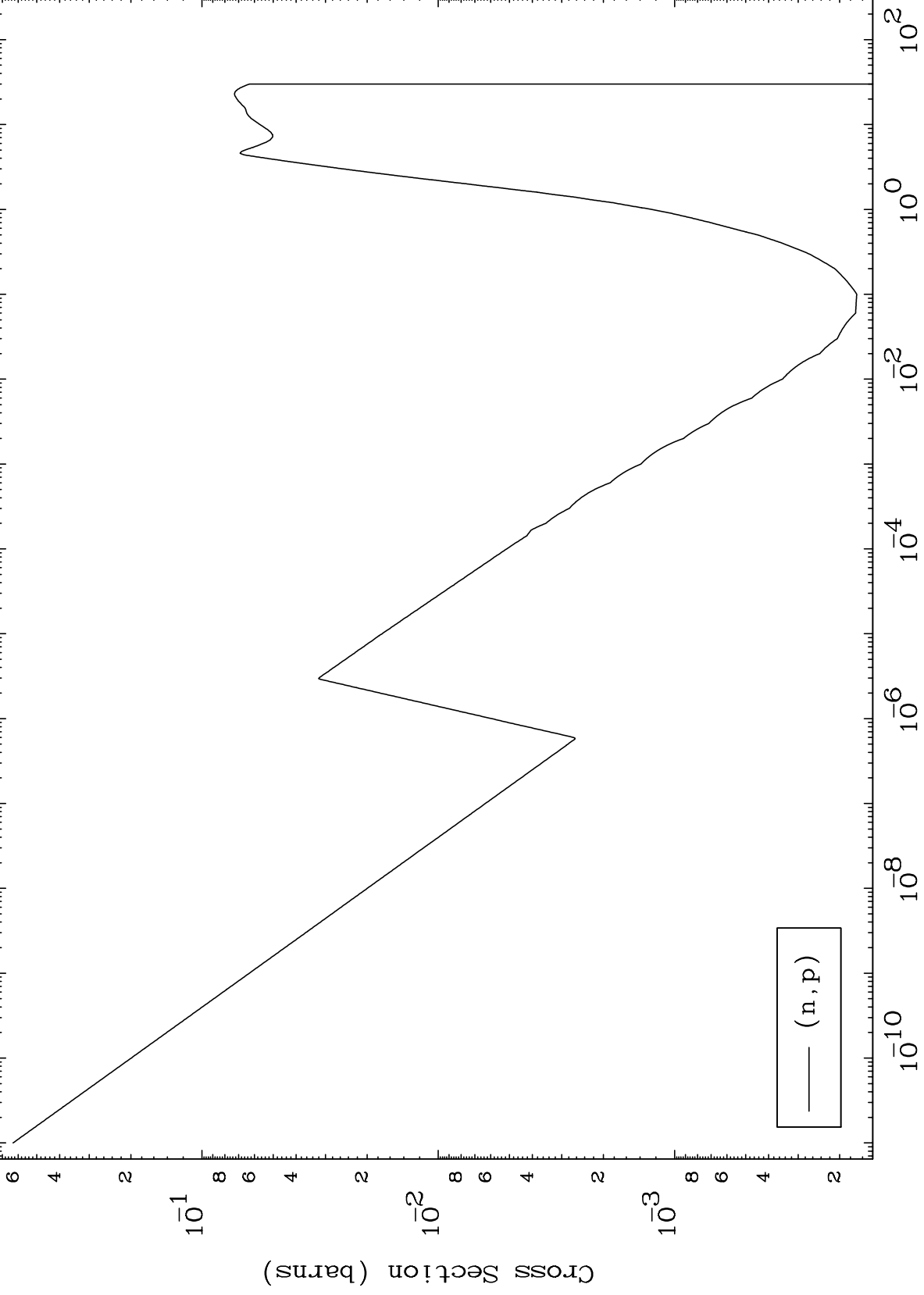
Incident Energy (MeV)

84-Po-198

MAT 8401

(n,p) Levels
293 Kelvin Cross Sections

84-Po-198



13

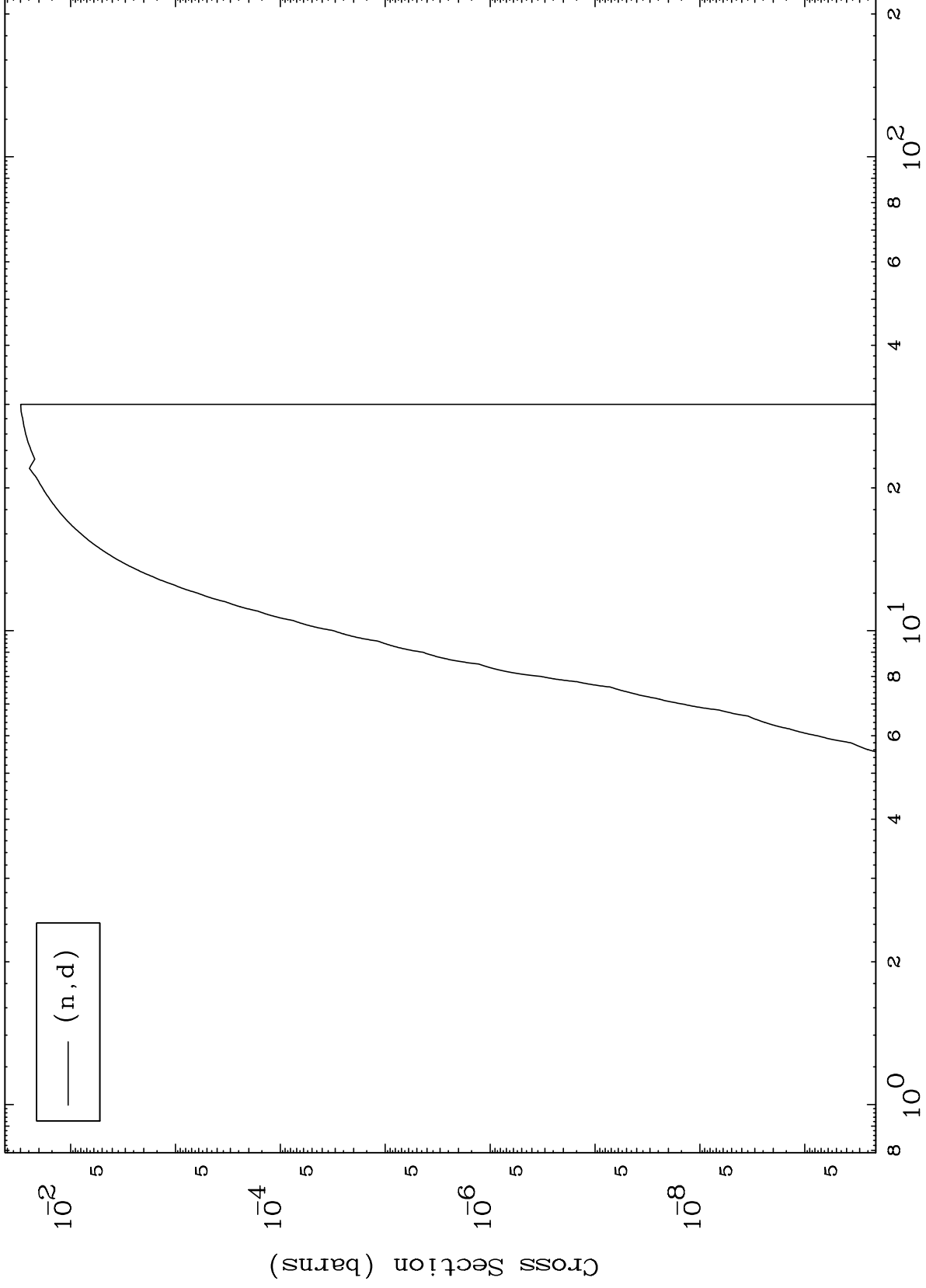
Incident Energy (MeV)

84-Po-198

MAT 8401

(n,d) Levels
293 Kelvin Cross Sections

84-Po-198



14

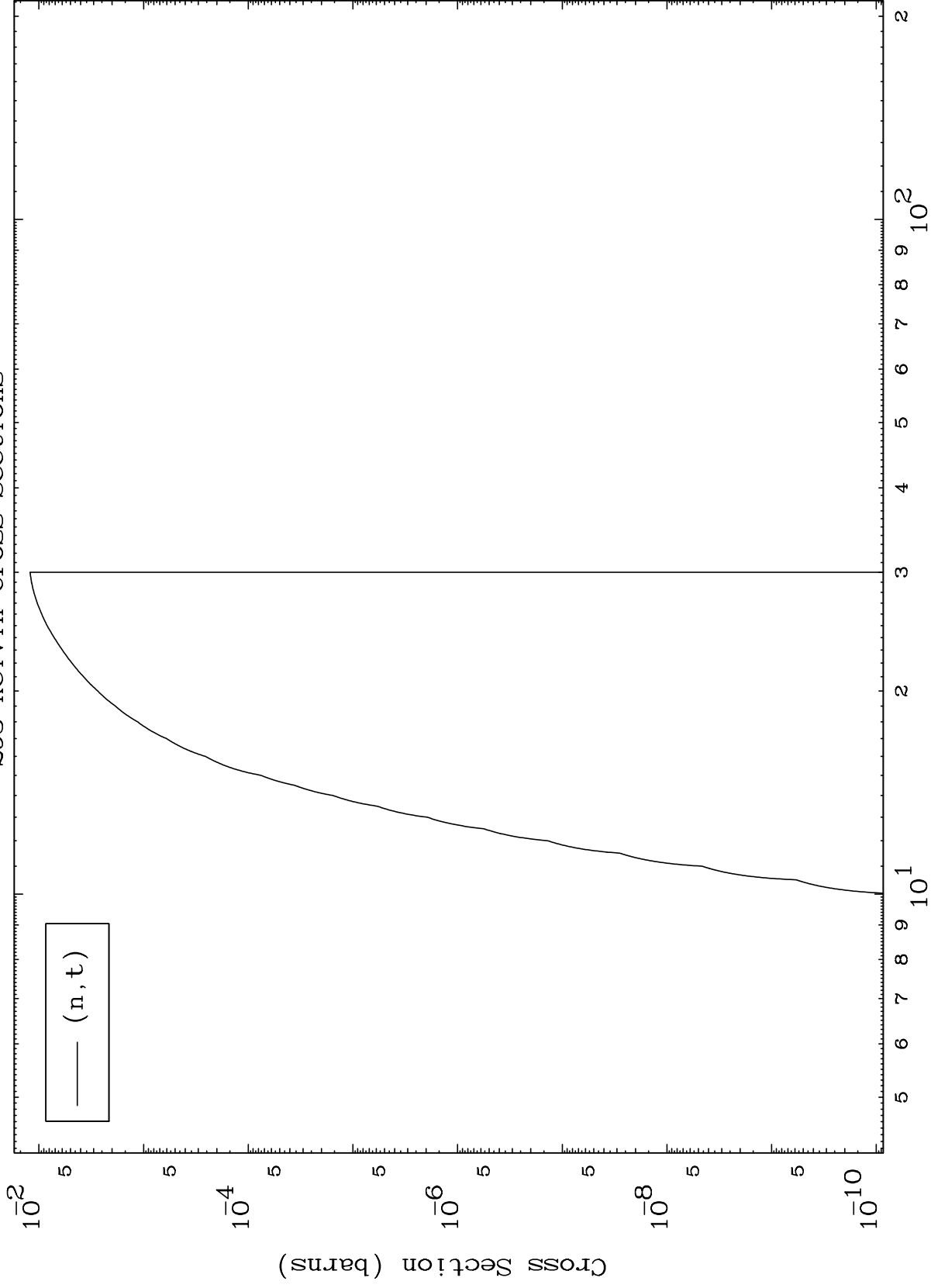
Incident Energy (MeV)

84-Po-198

MAT 8401

(n,t) Levels
293 Kelvin Cross Sections

84-Po-198



15

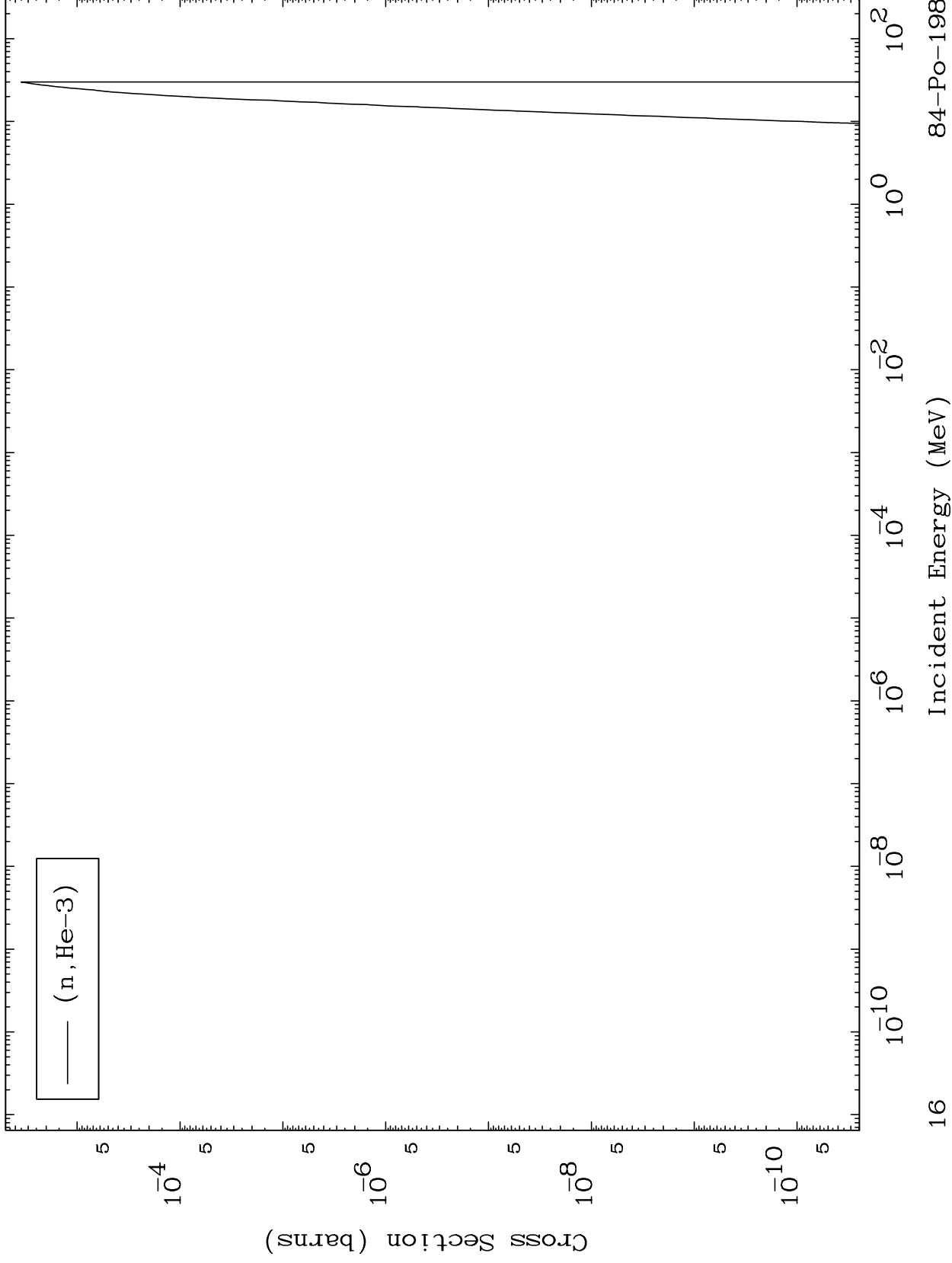
Incident Energy (MeV)

84-Po-198

MAT 8401

(n,He3) Levels
293 Kelvin Cross Sections

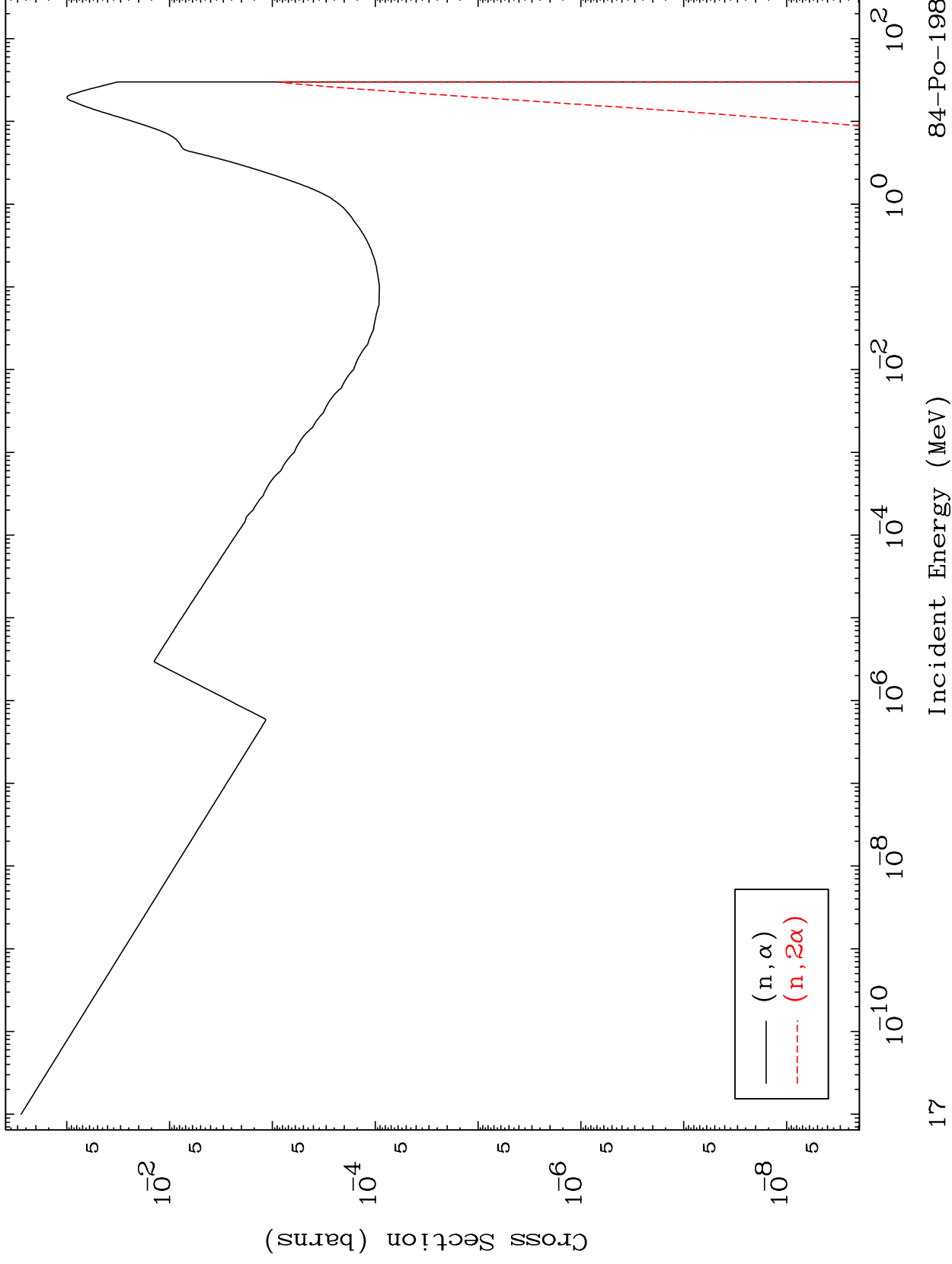
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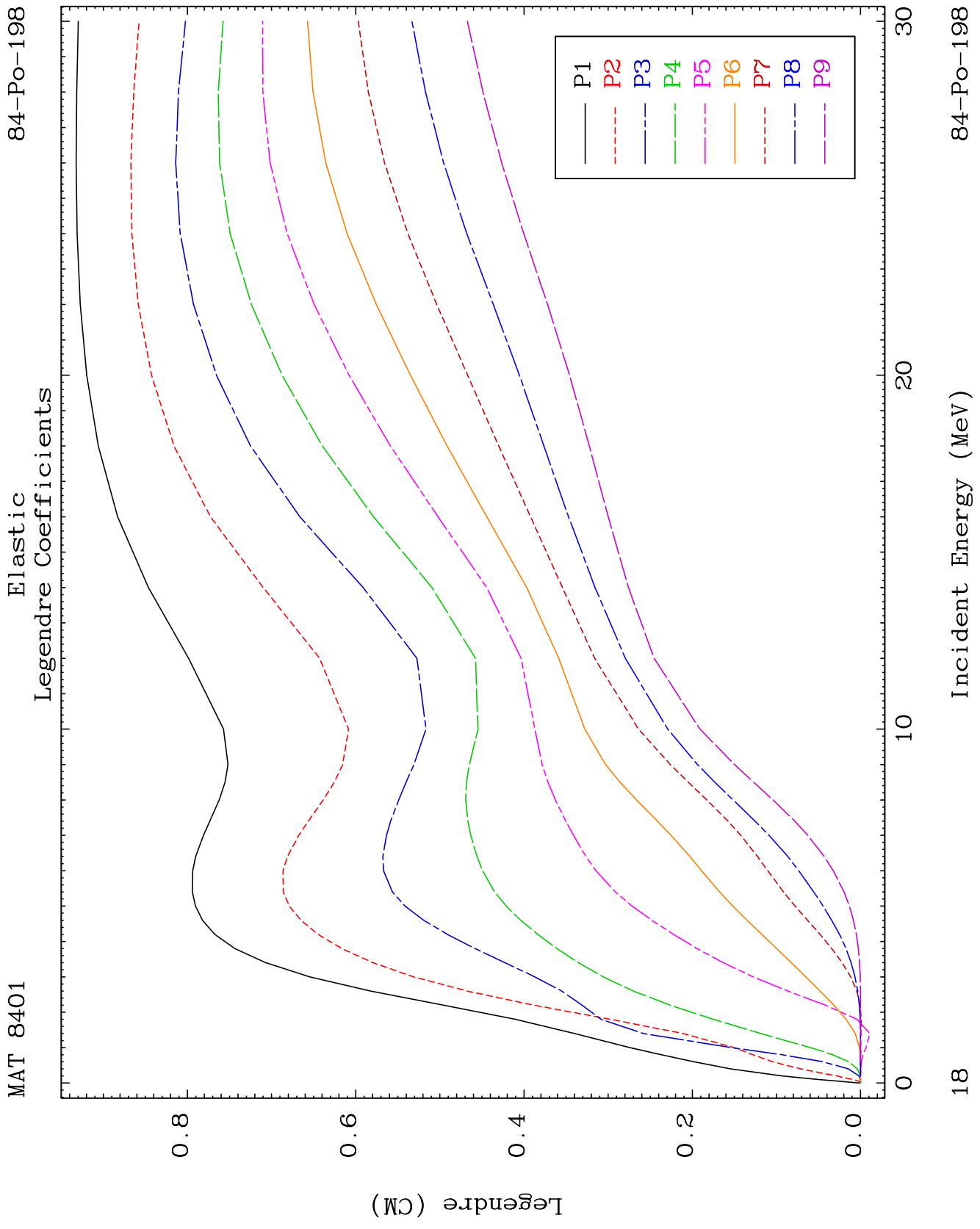


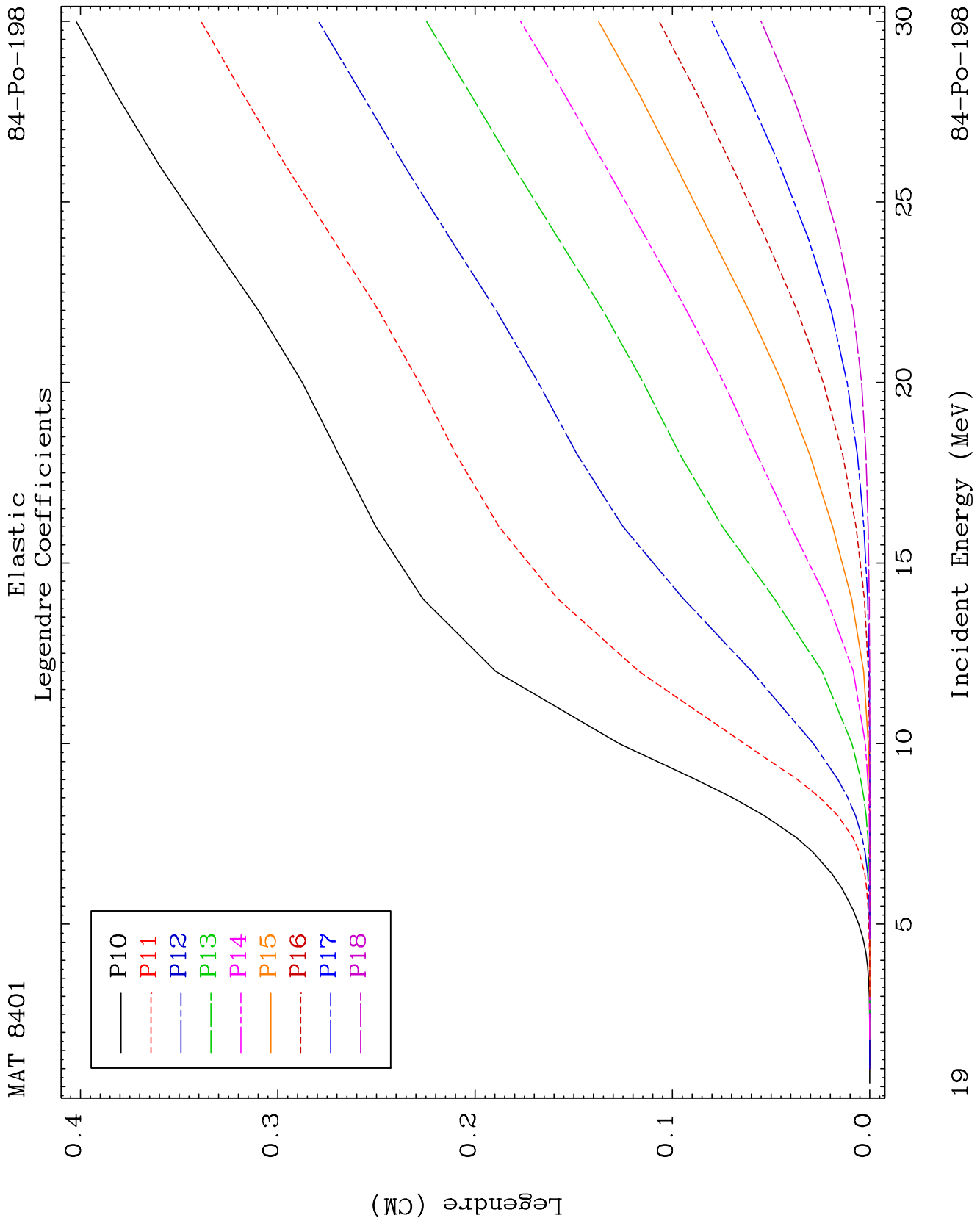
MAT 8401

(n, α) Levels
293 Kelvin Cross Sections

84-Po-198



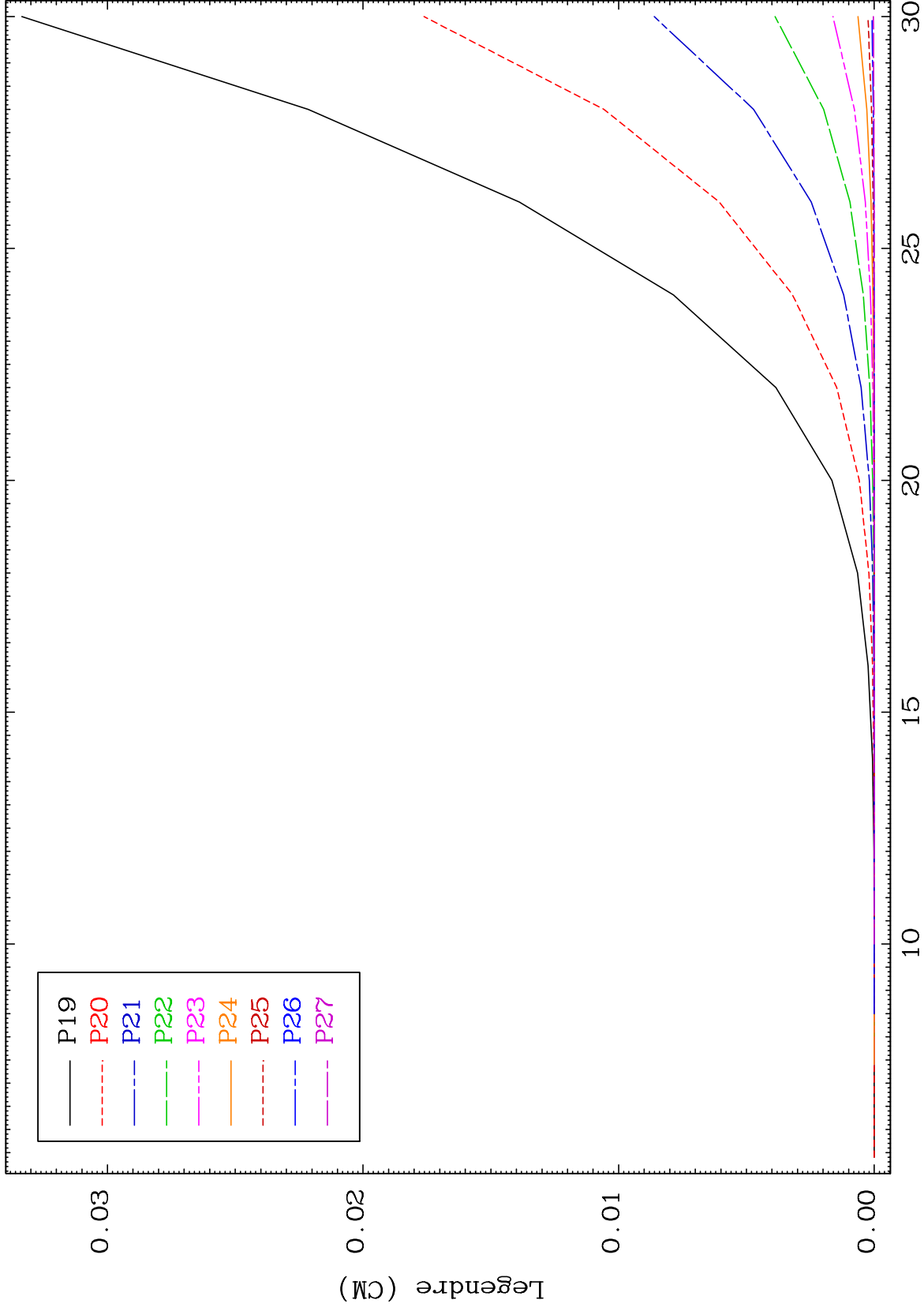




MAT 8401

Elastic
Legendre Coefficients

84-Po-198



Incident Energy (MeV)

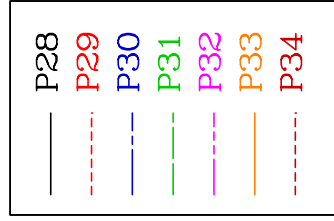
84-Po-198

20

MAT 8401

Elastic
Legendre Coefficients

84-Po-198



$\times 10^{-5}$

1.0

0.8

Legendre (CM)

0.6

0.4

0.2

0.0

15

20

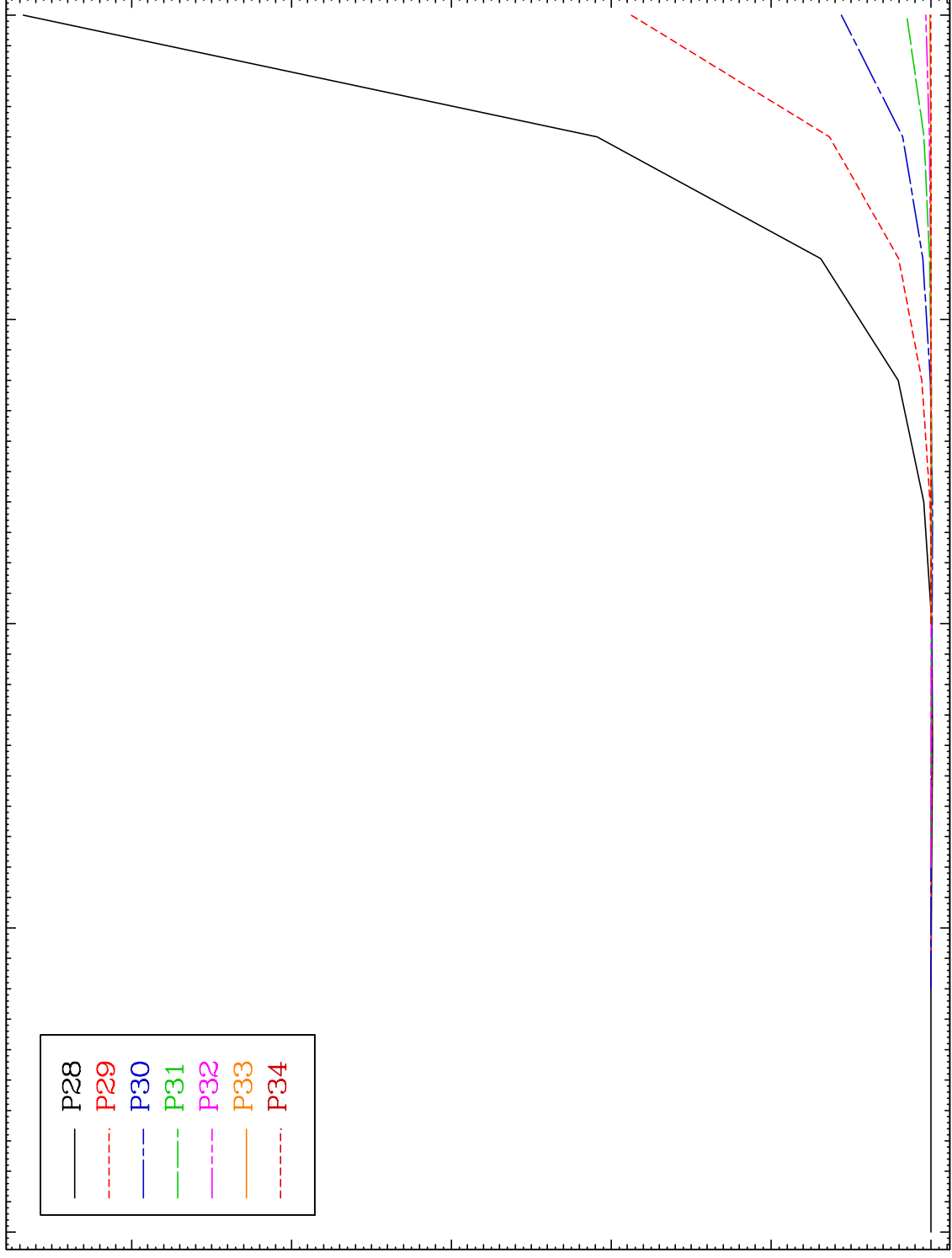
25

30

21

Incident Energy (MeV)

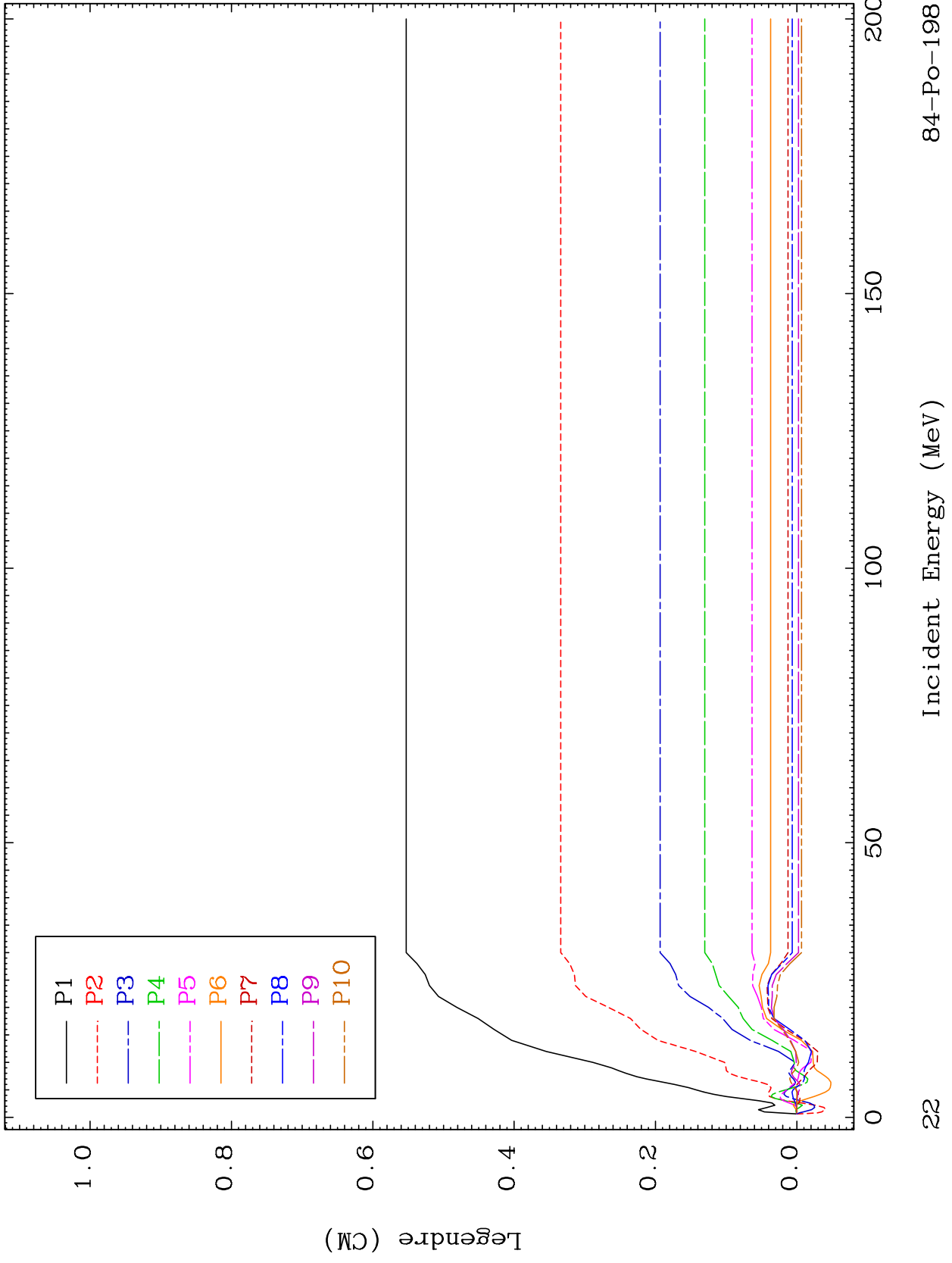
84-Po-198



MAT 8401

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

84-Po-198



22

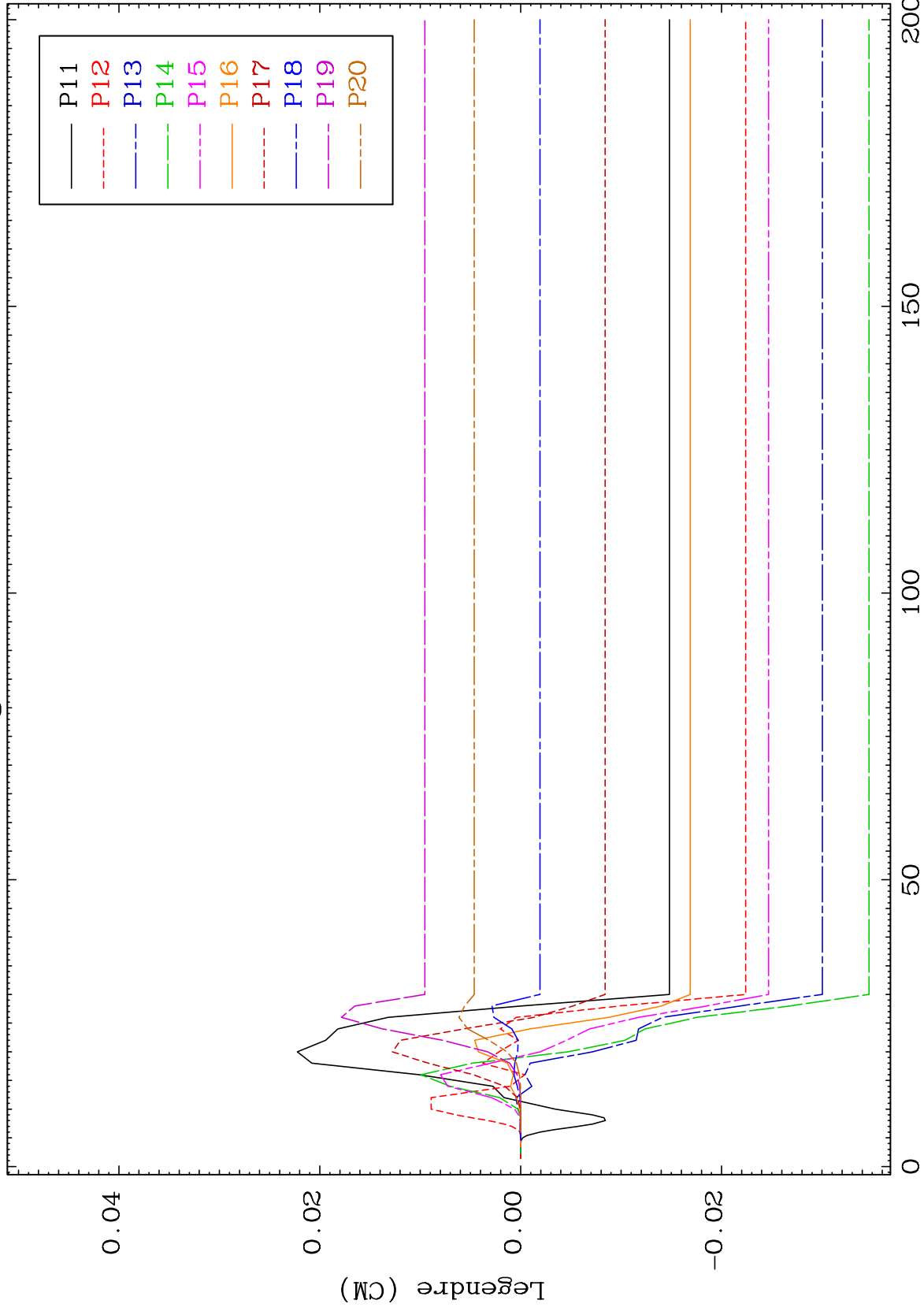
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



23

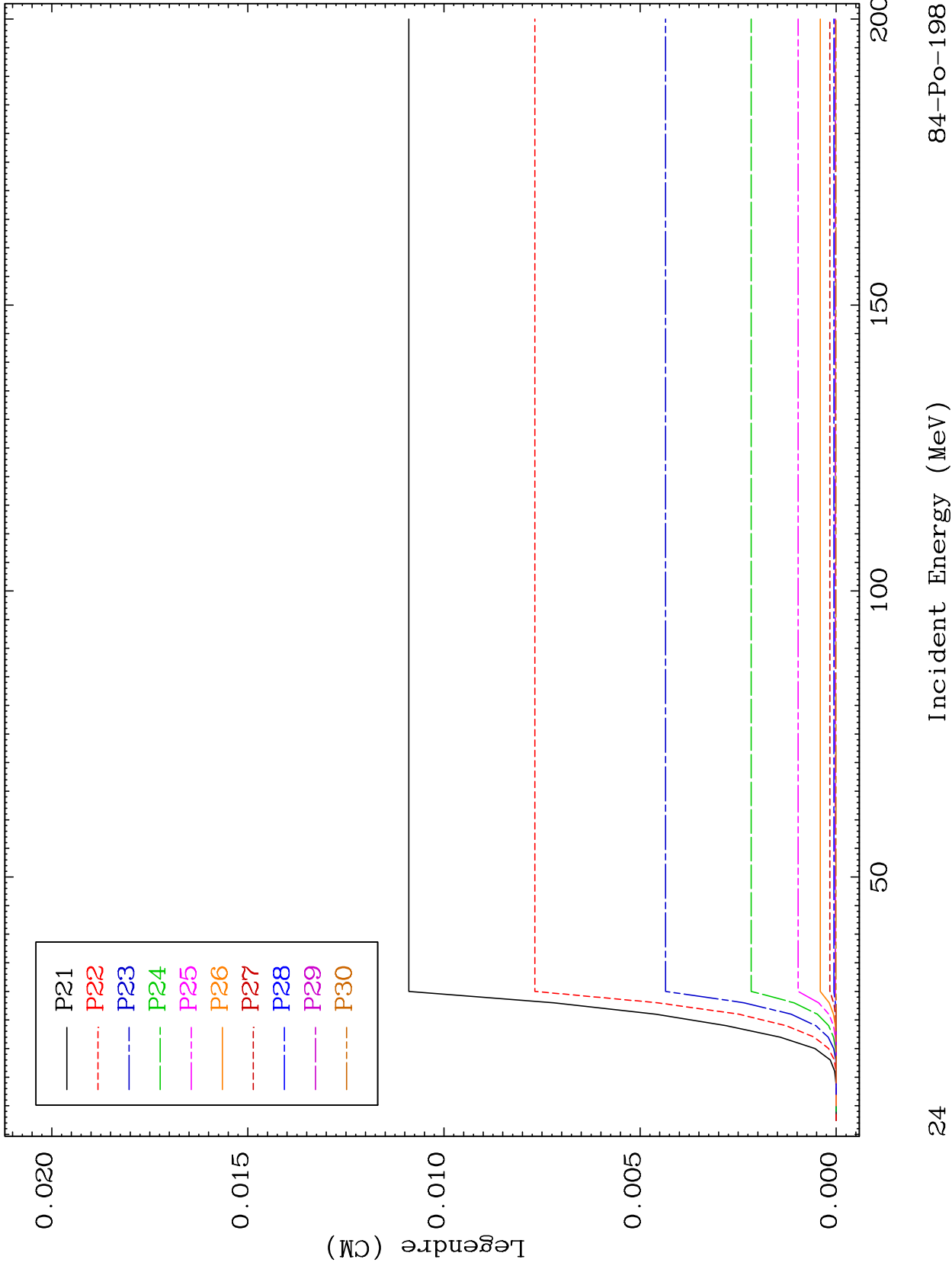
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



24

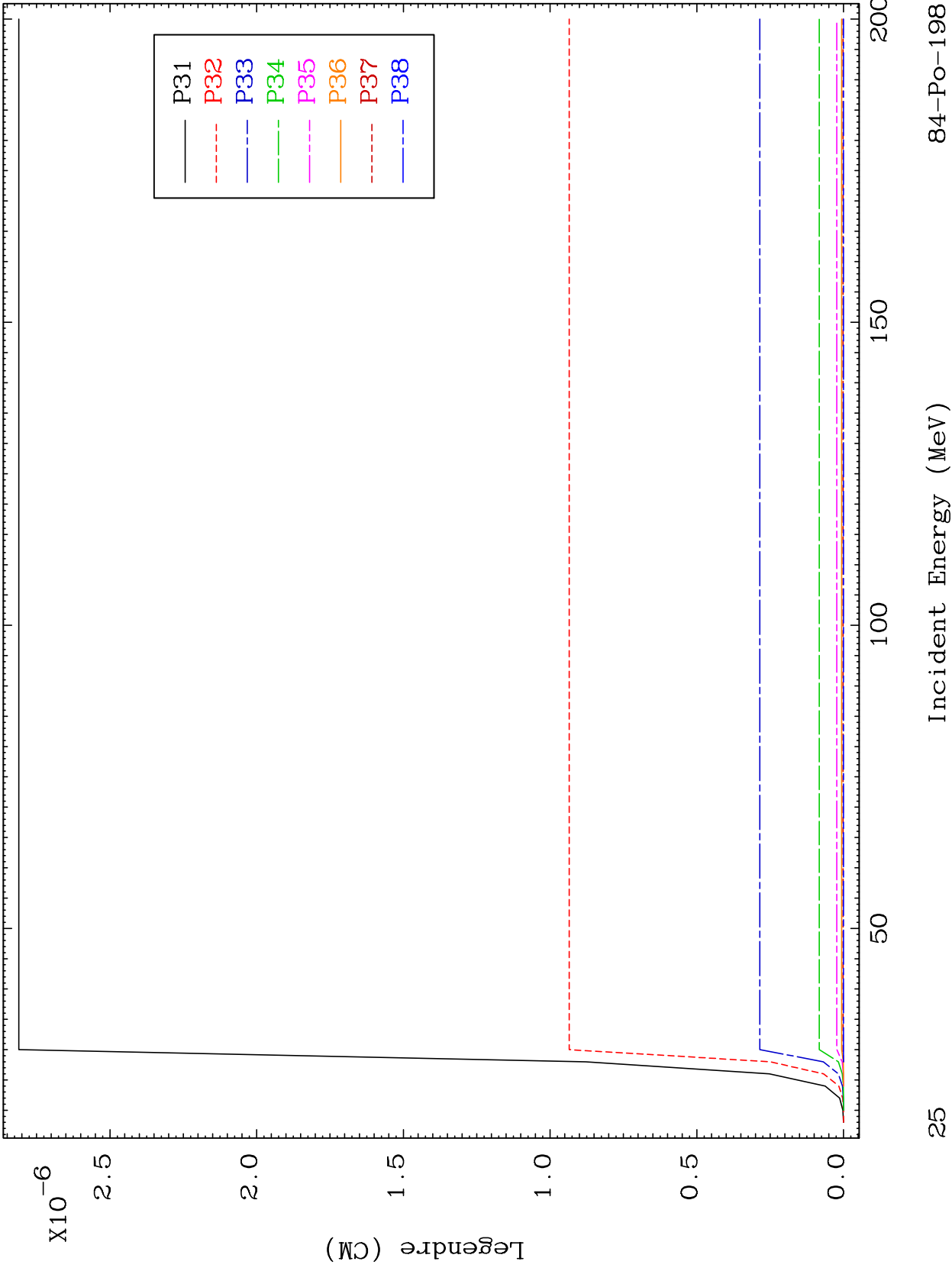
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



25

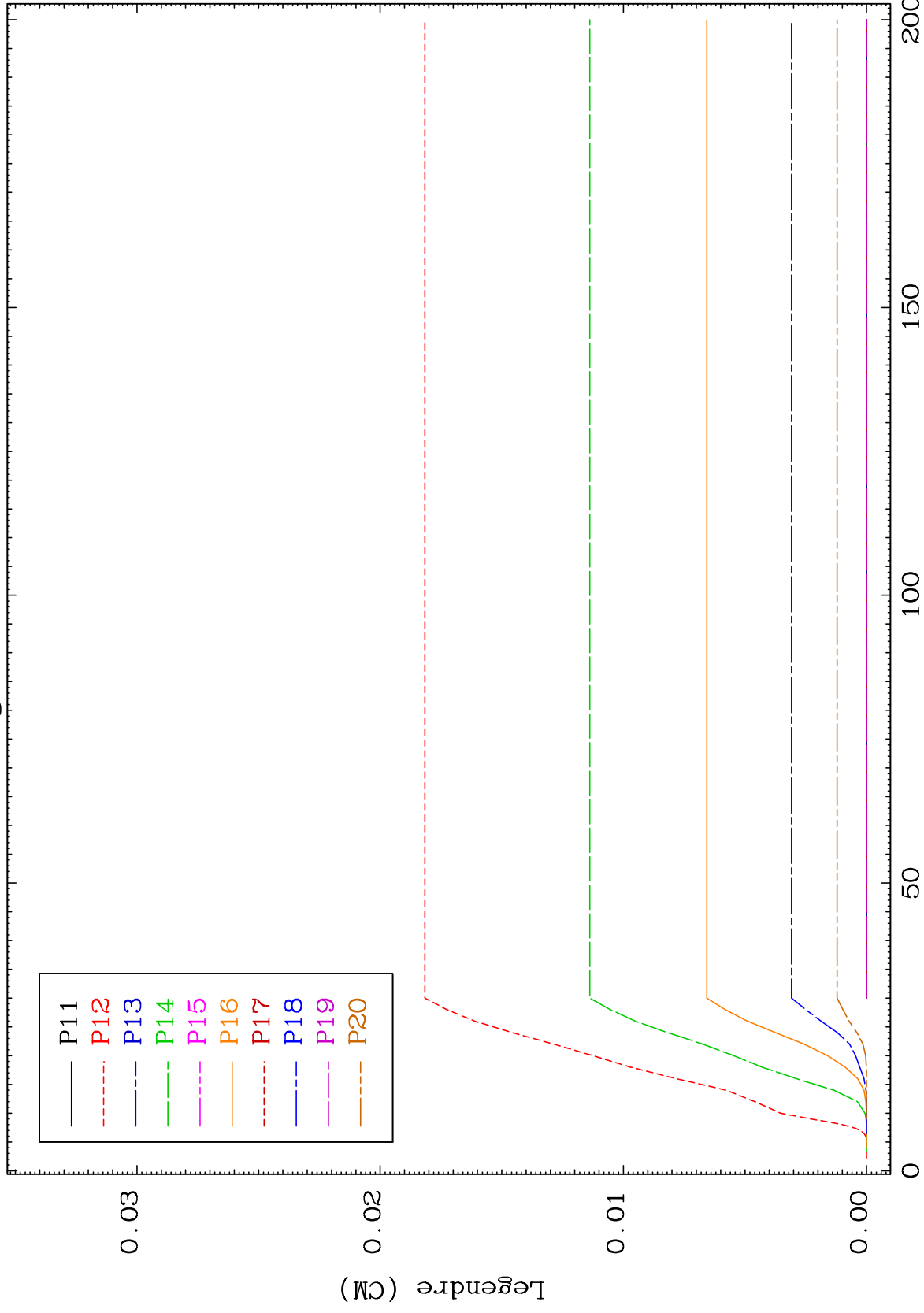
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



27

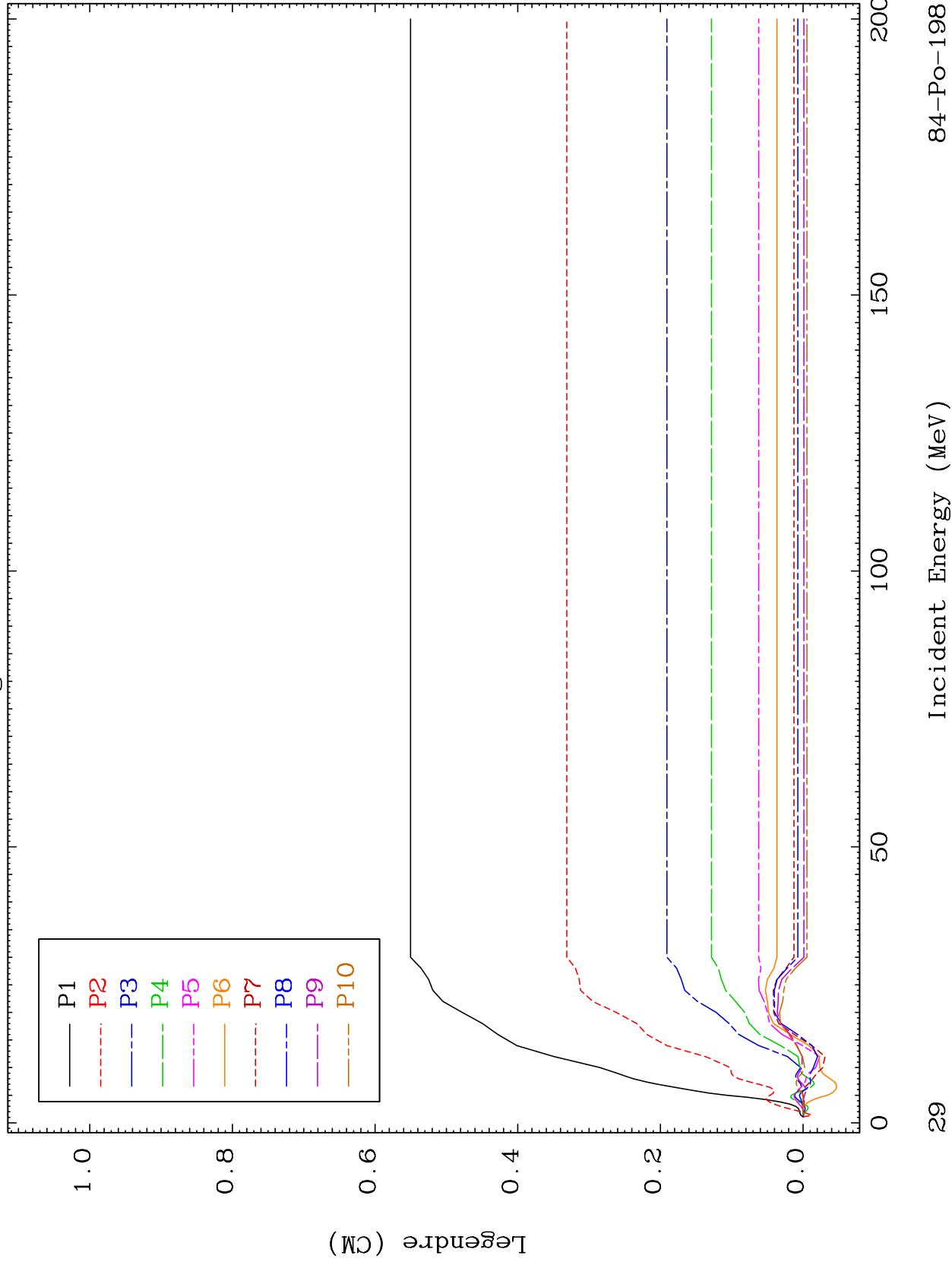
Incident Energy (MeV)

84-Po-198

MAT 8401

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

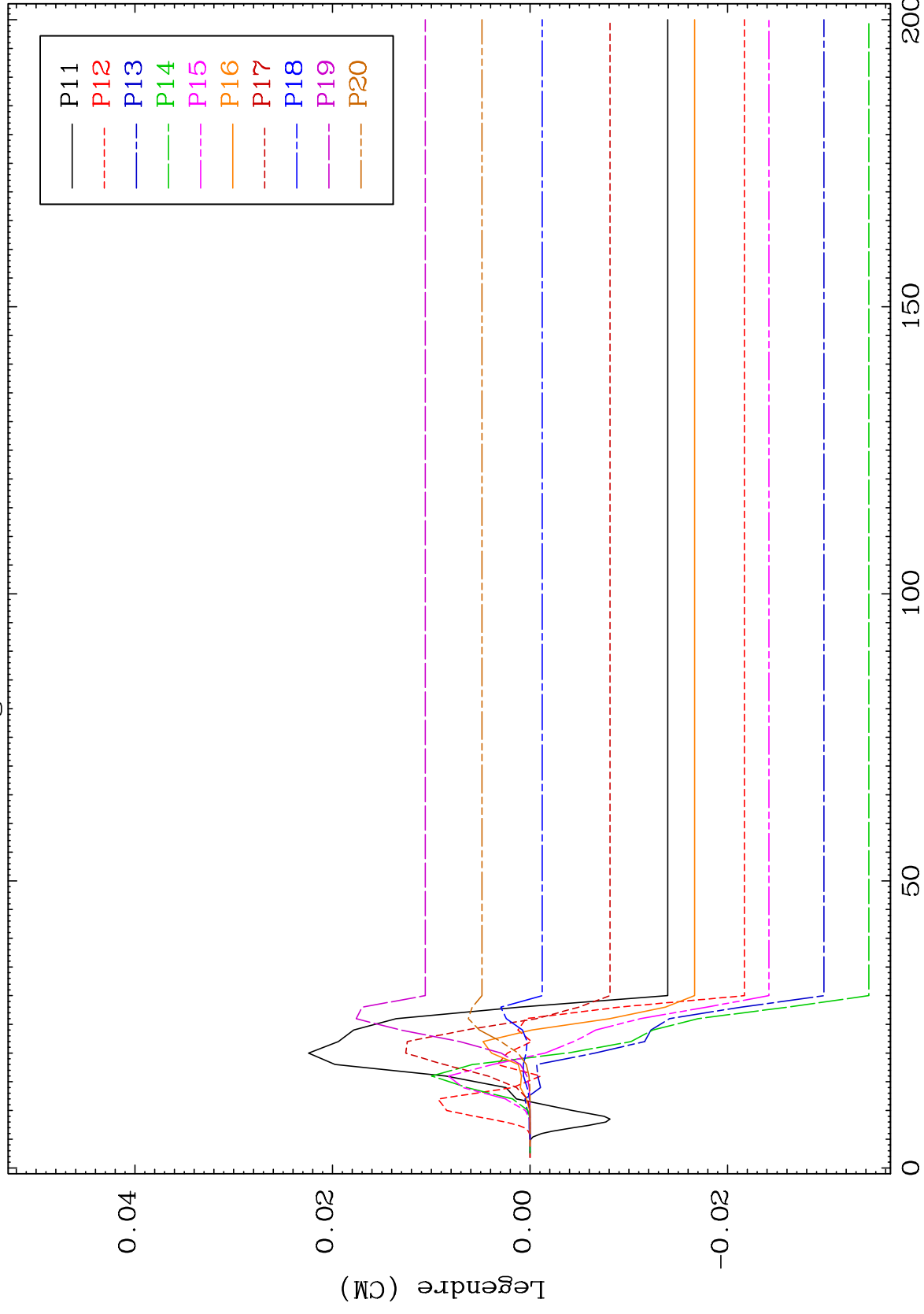
84-Po-198



MAT 8401

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

84-Po-198



30

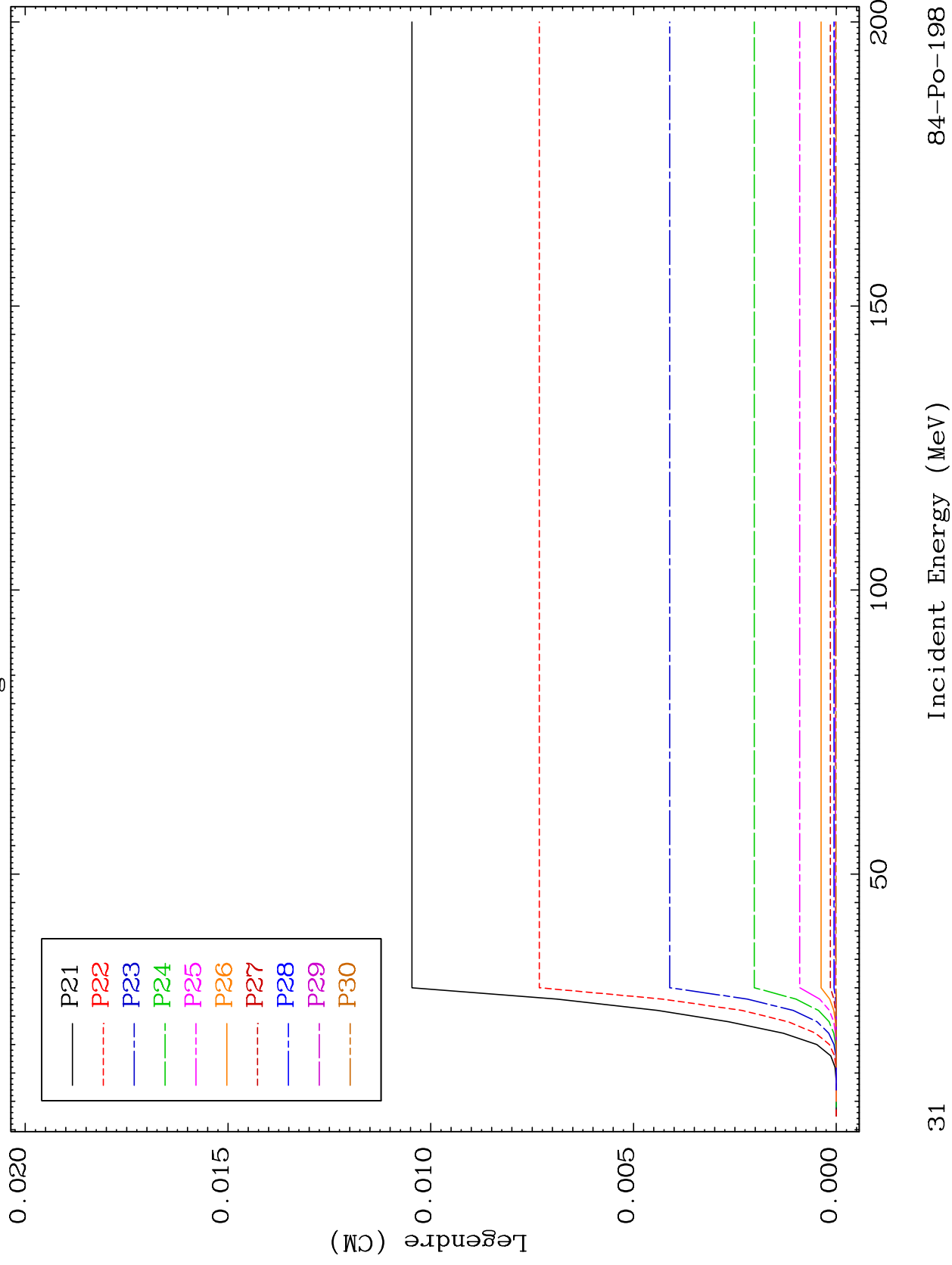
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198

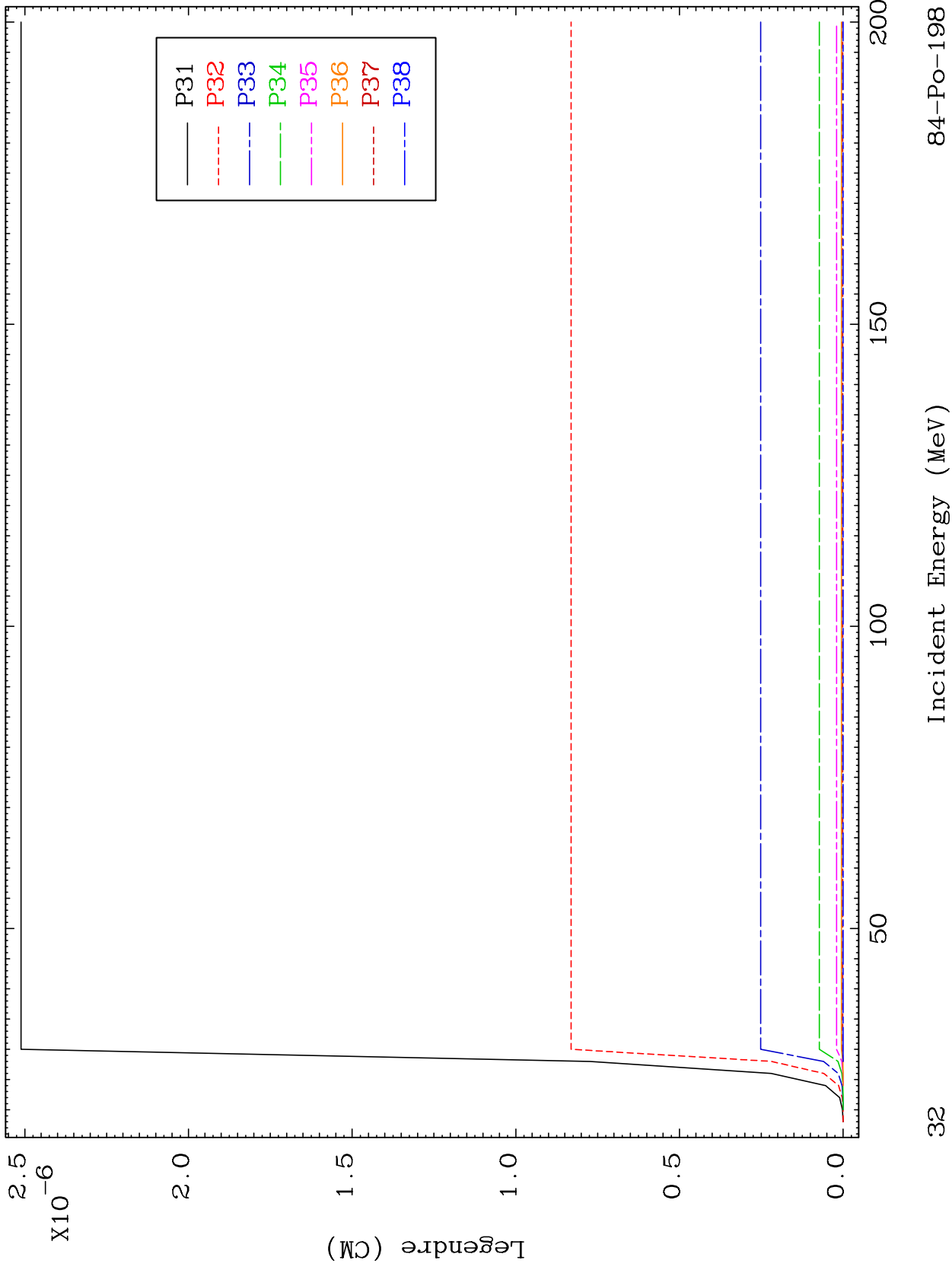


31

MAT 8401

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

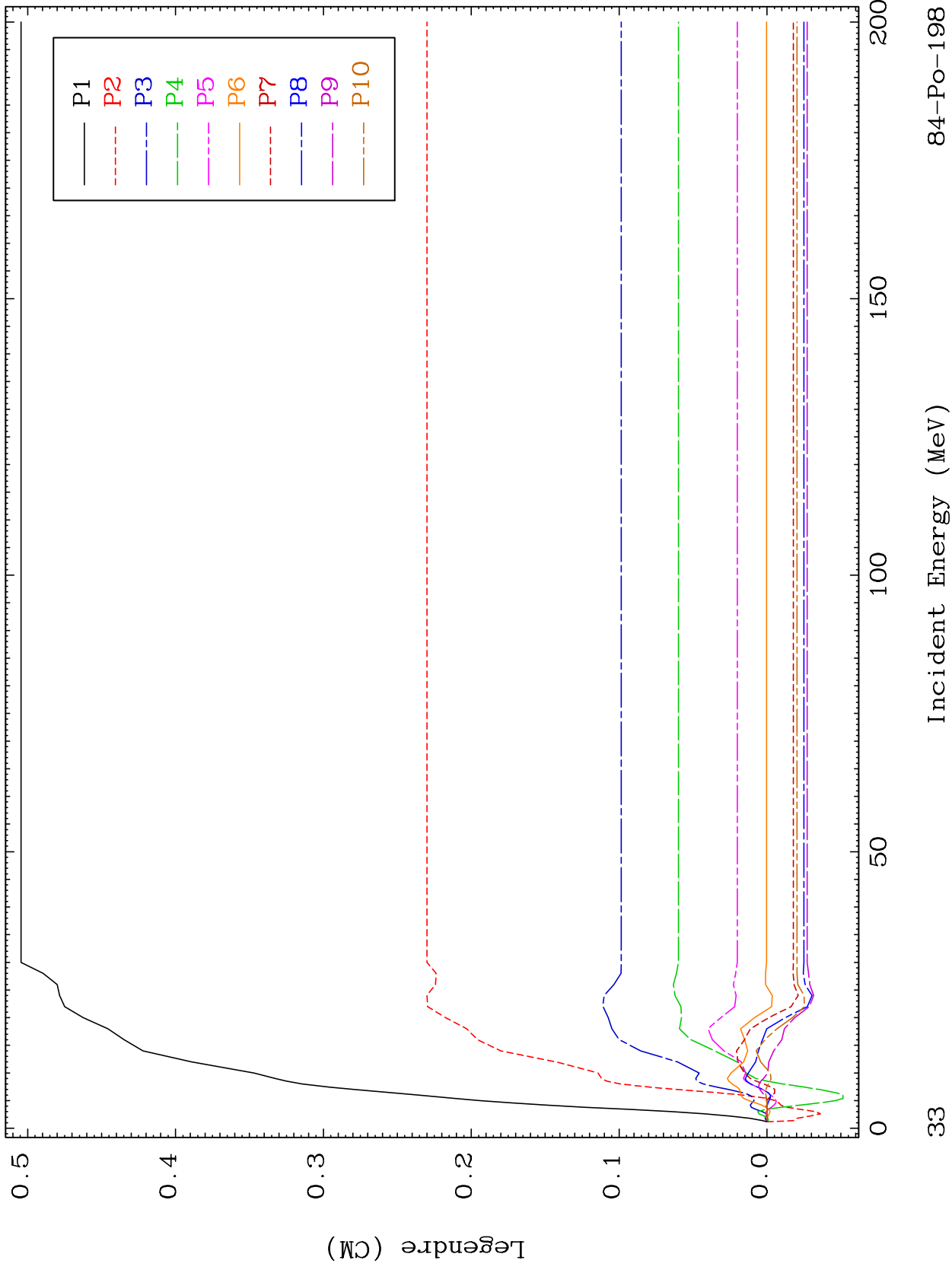
84-Po-198



MAT 8401

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

84-Po-198



33

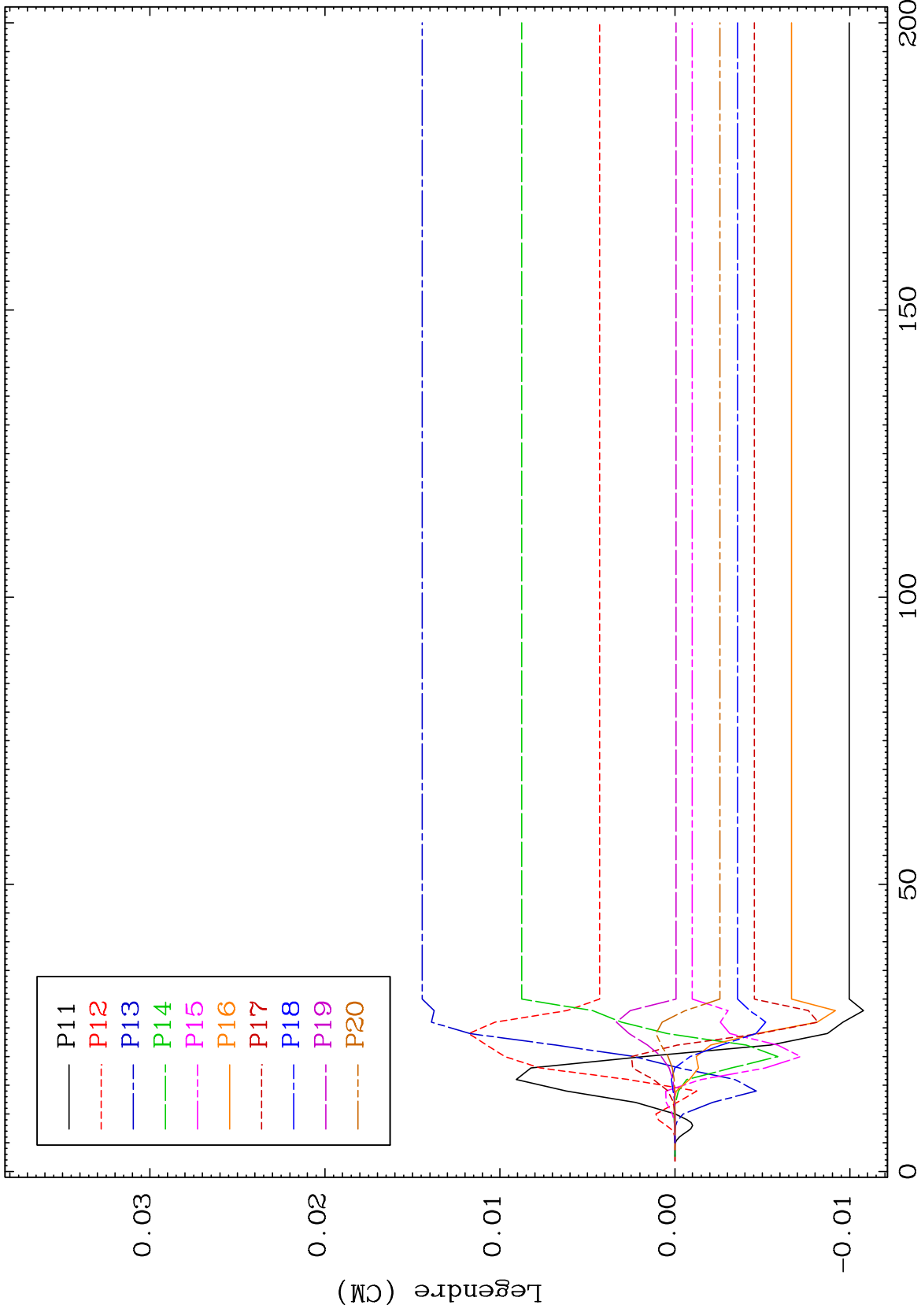
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



34

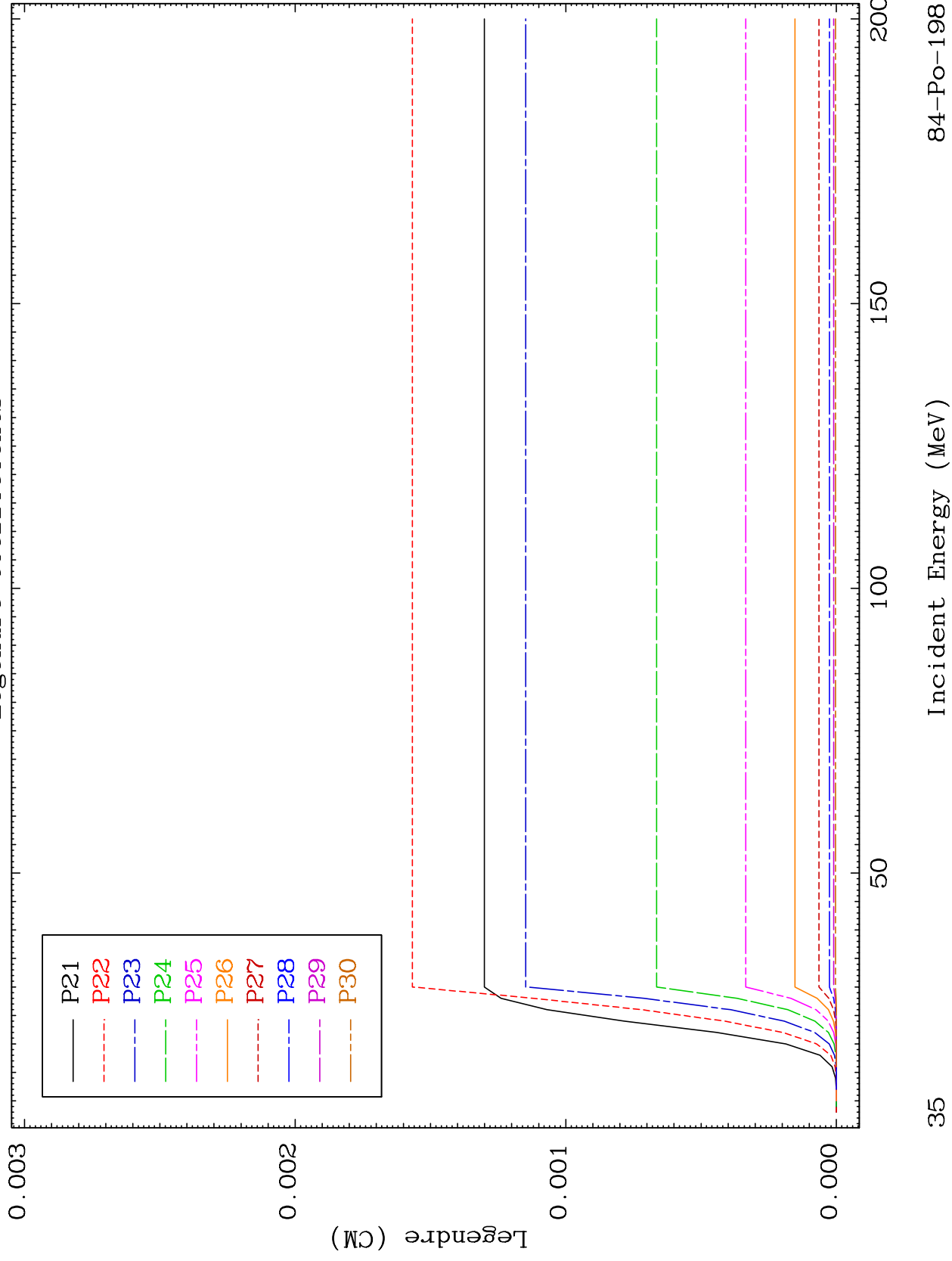
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



35

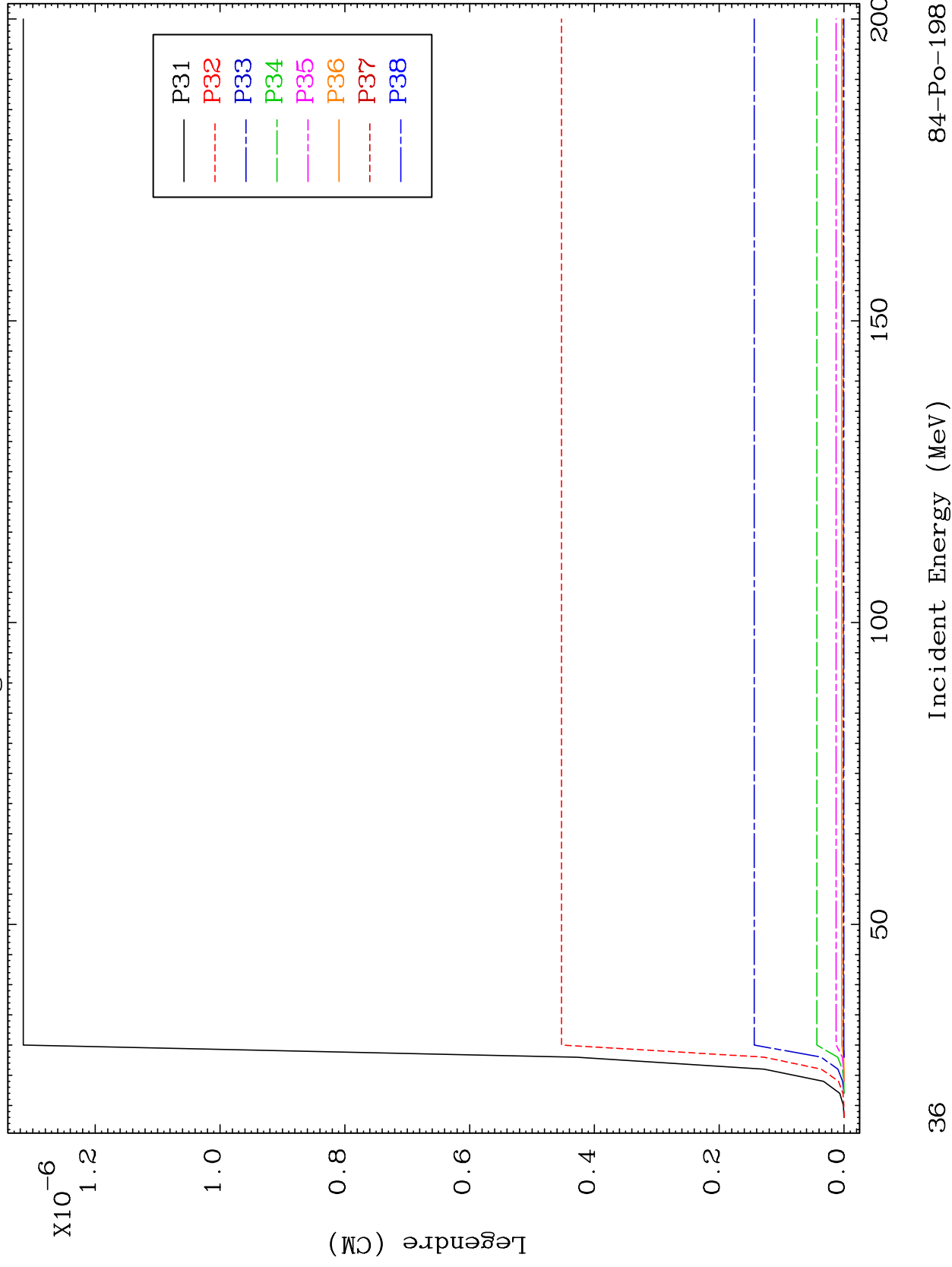
Incident Energy (MeV)

84-Po-198

MAT 8401

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

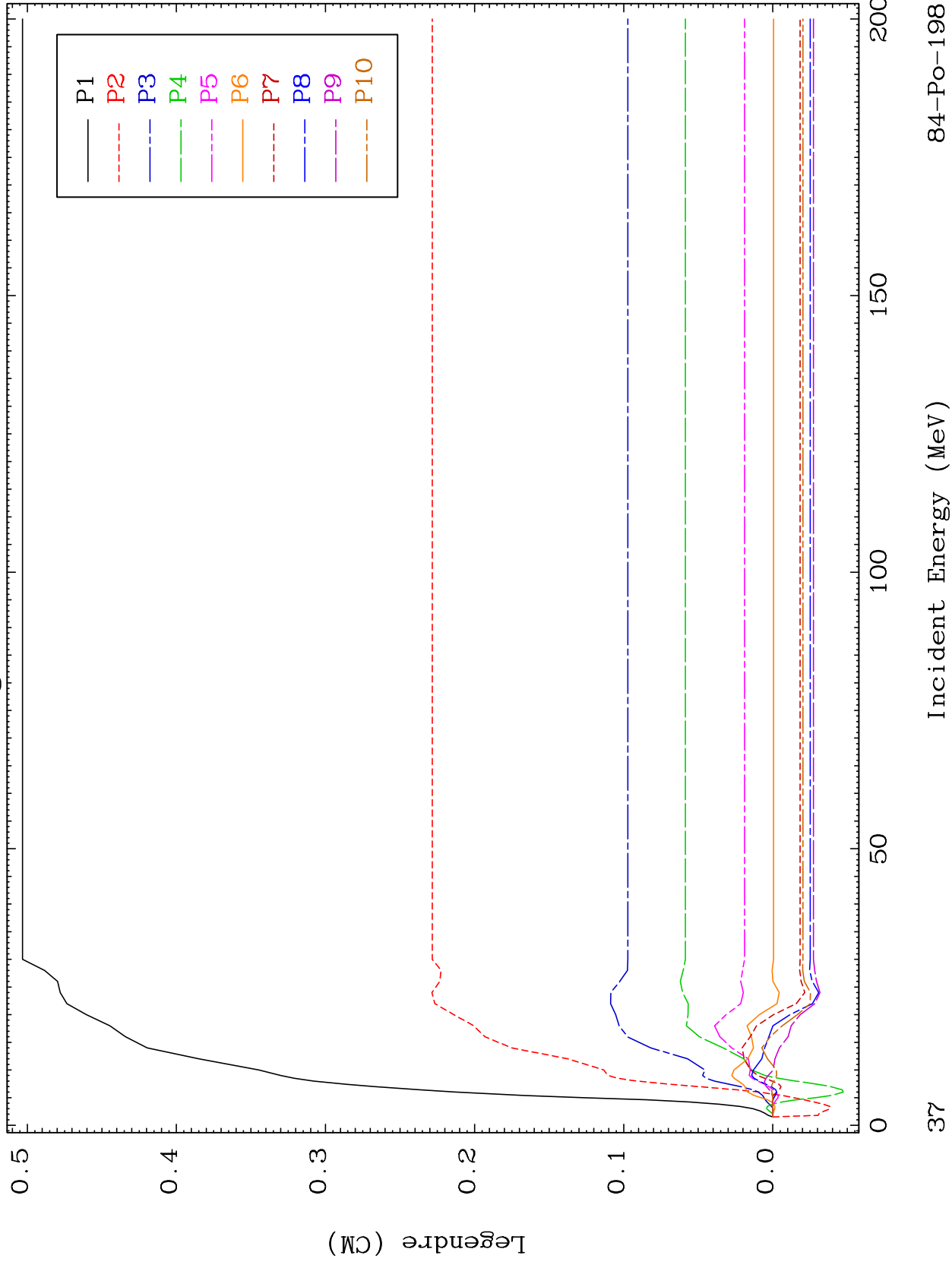
84-Po-198



MAT 8401

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

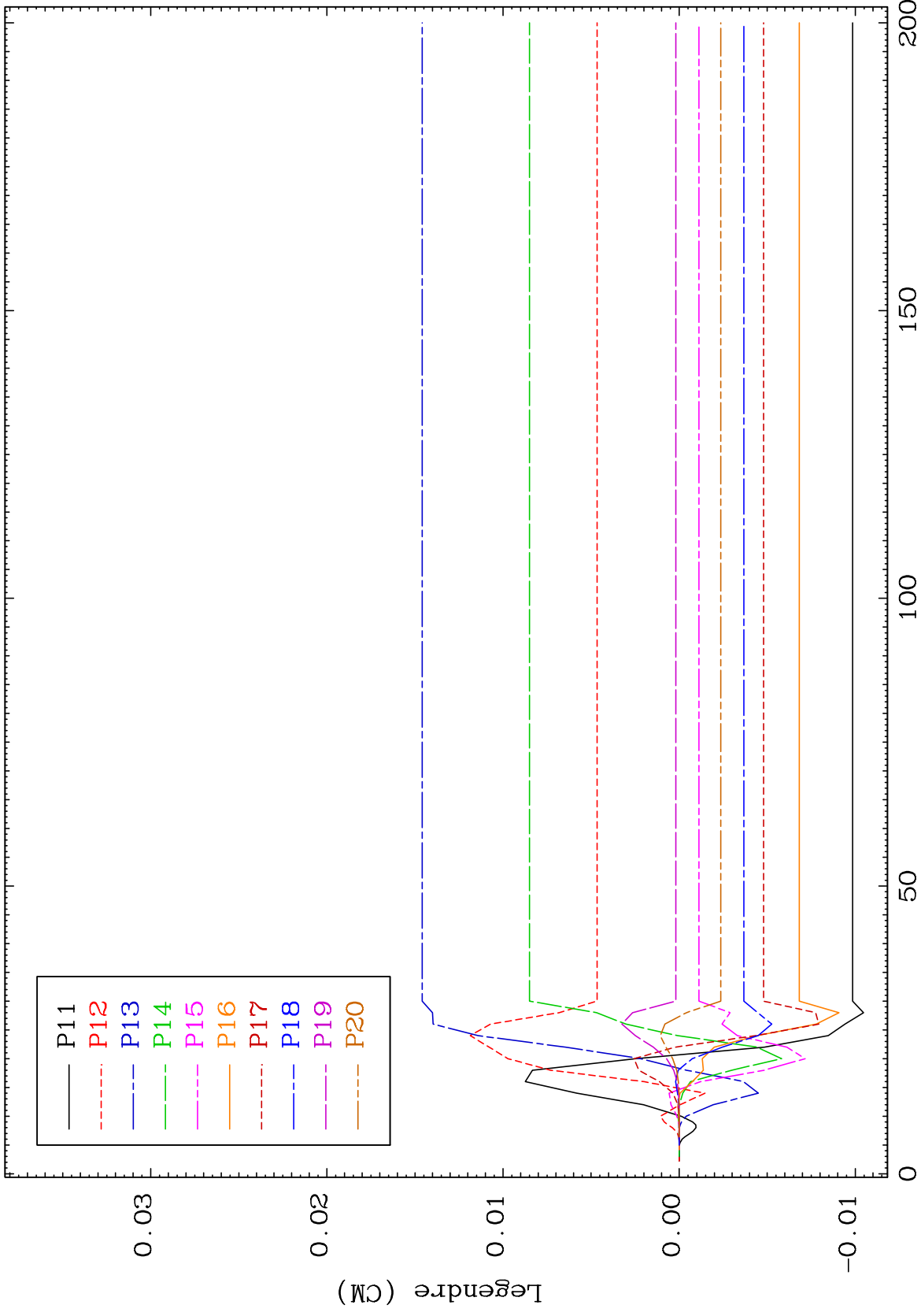
84-Po-198



MAT 8401

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

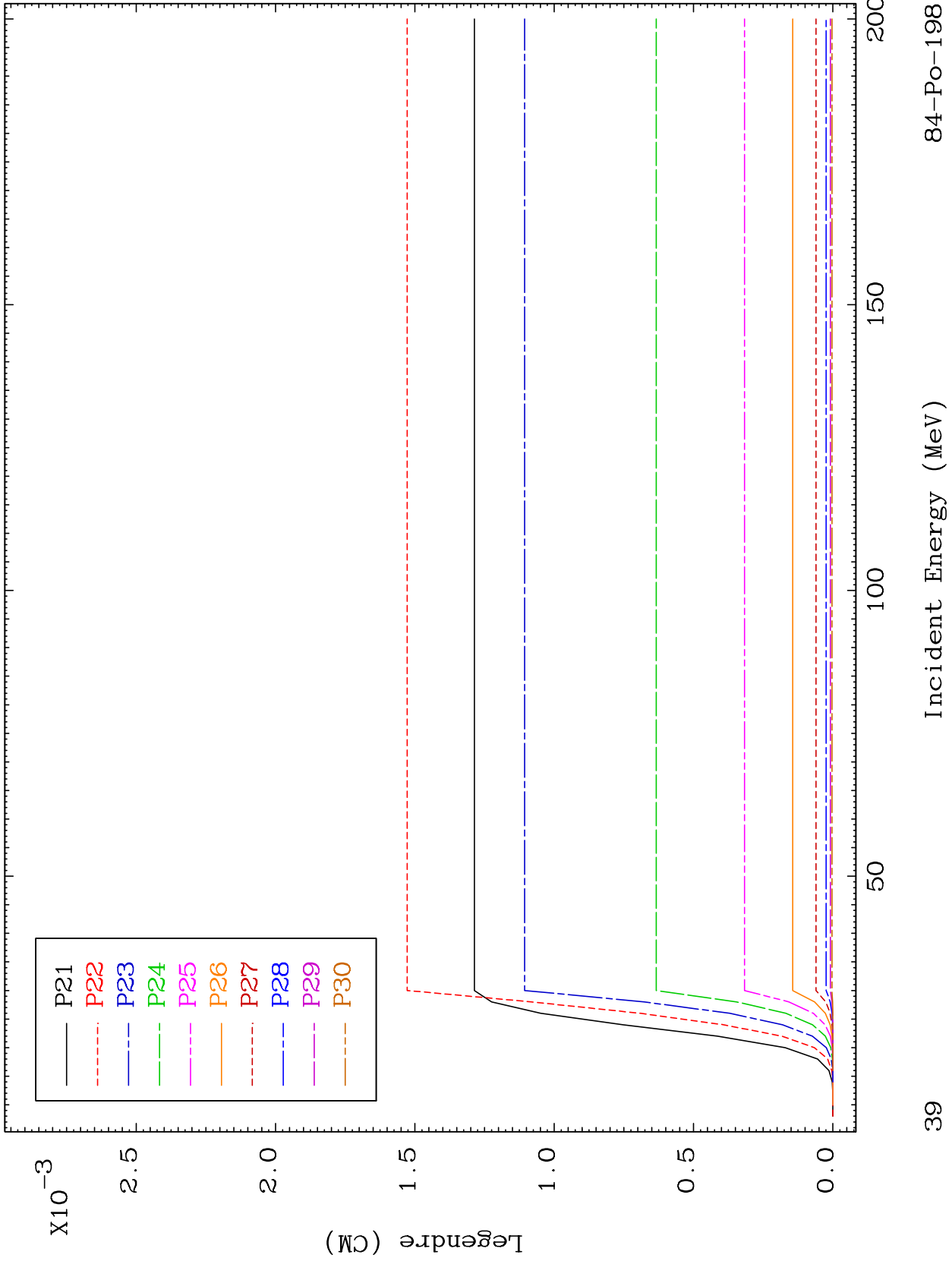
84-Po-198



38

Incident Energy (MeV)

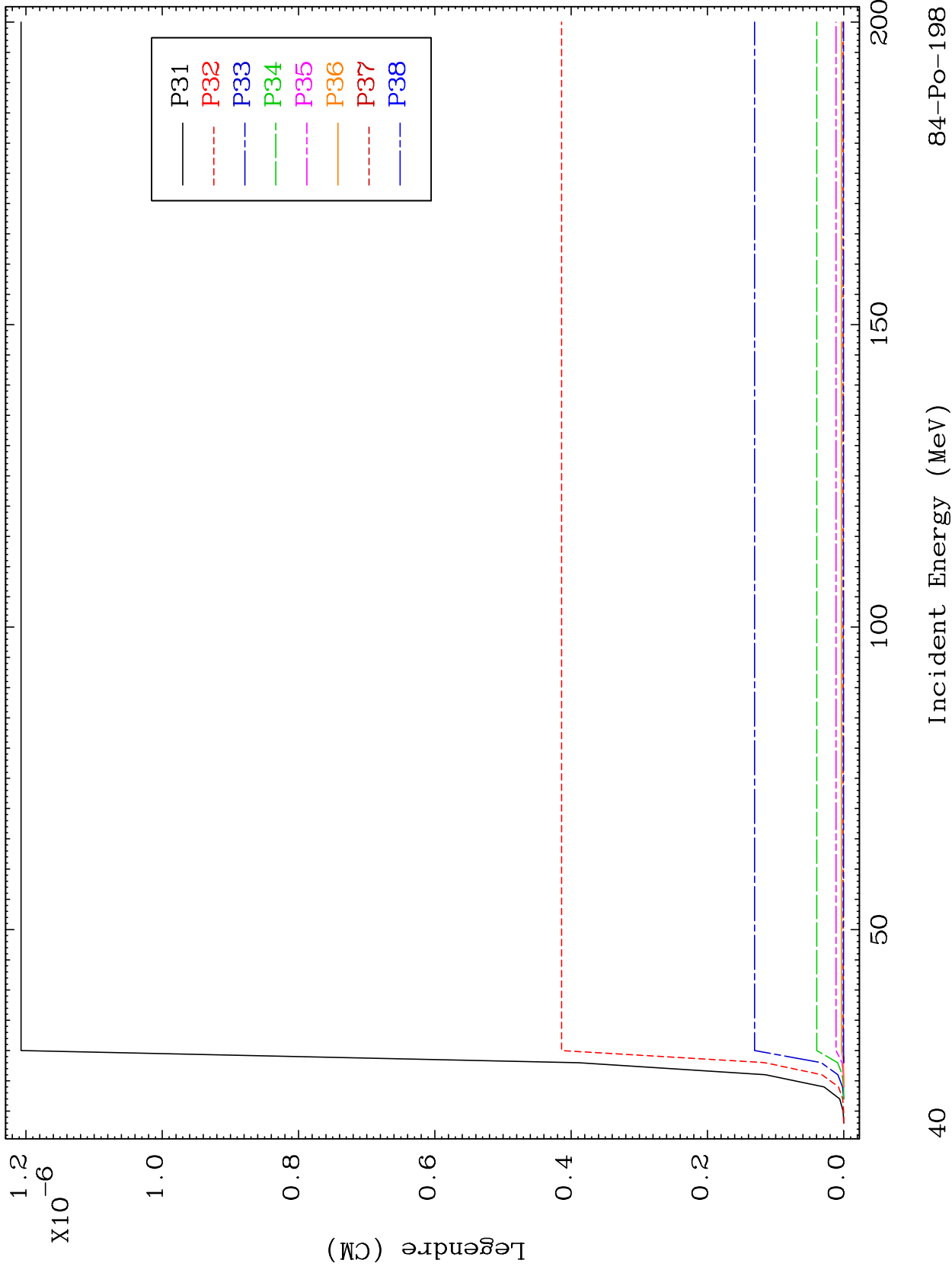
84-Po-198



MAT 8401

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

84-Po-198



84-Po-198

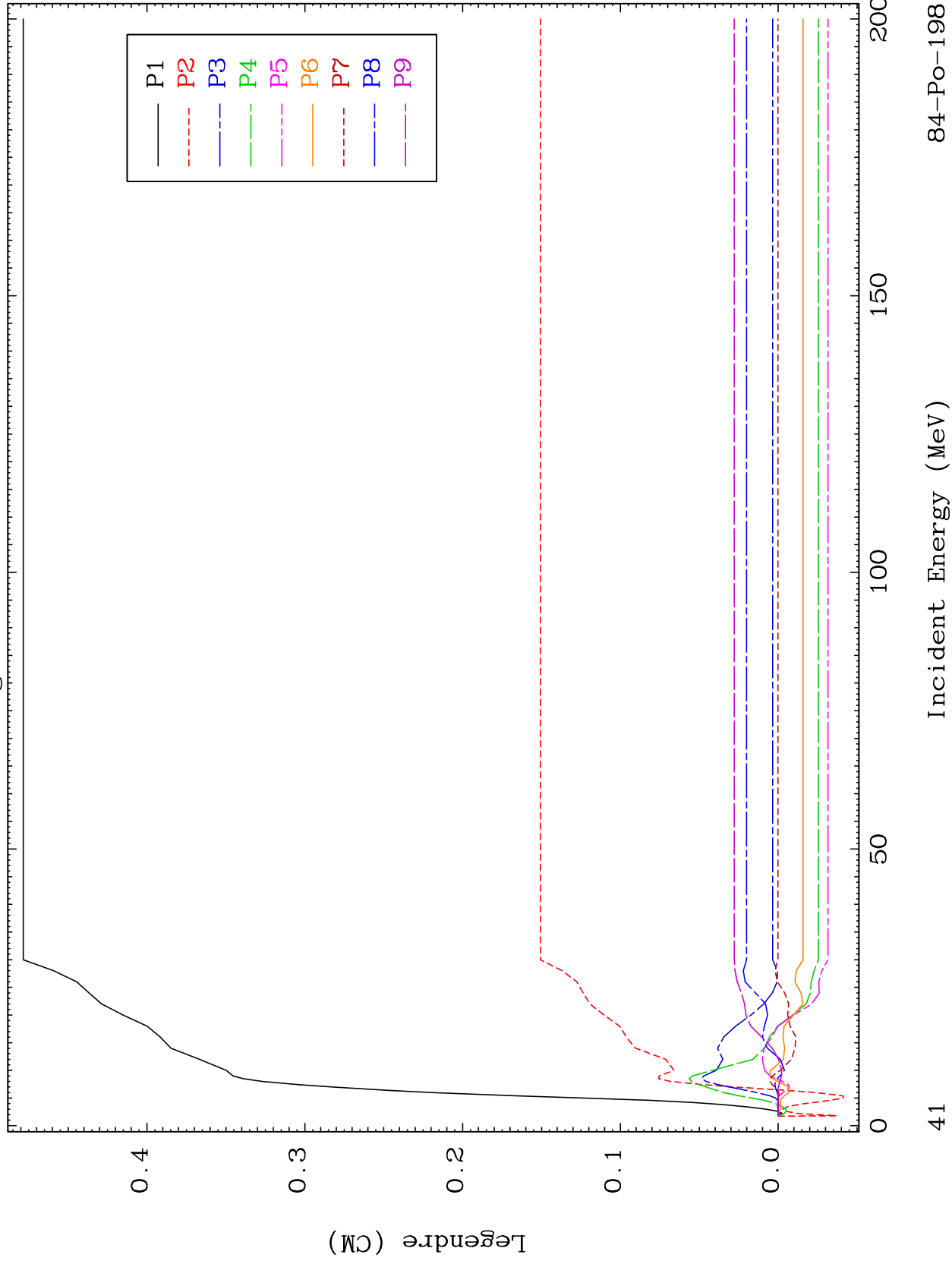
Incident Energy (MeV)

40

MAT 8401

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

84-Po-198



41

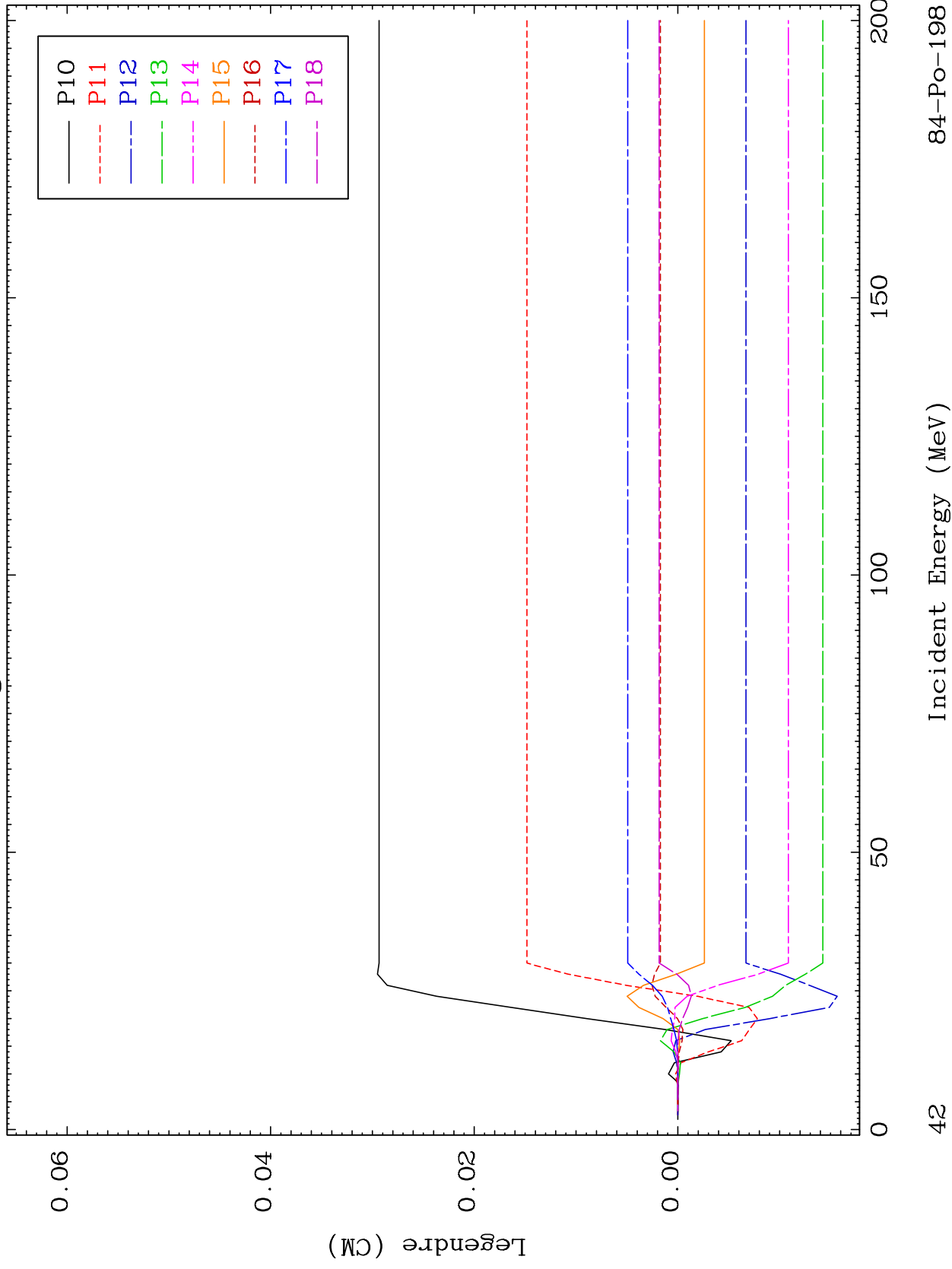
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



42

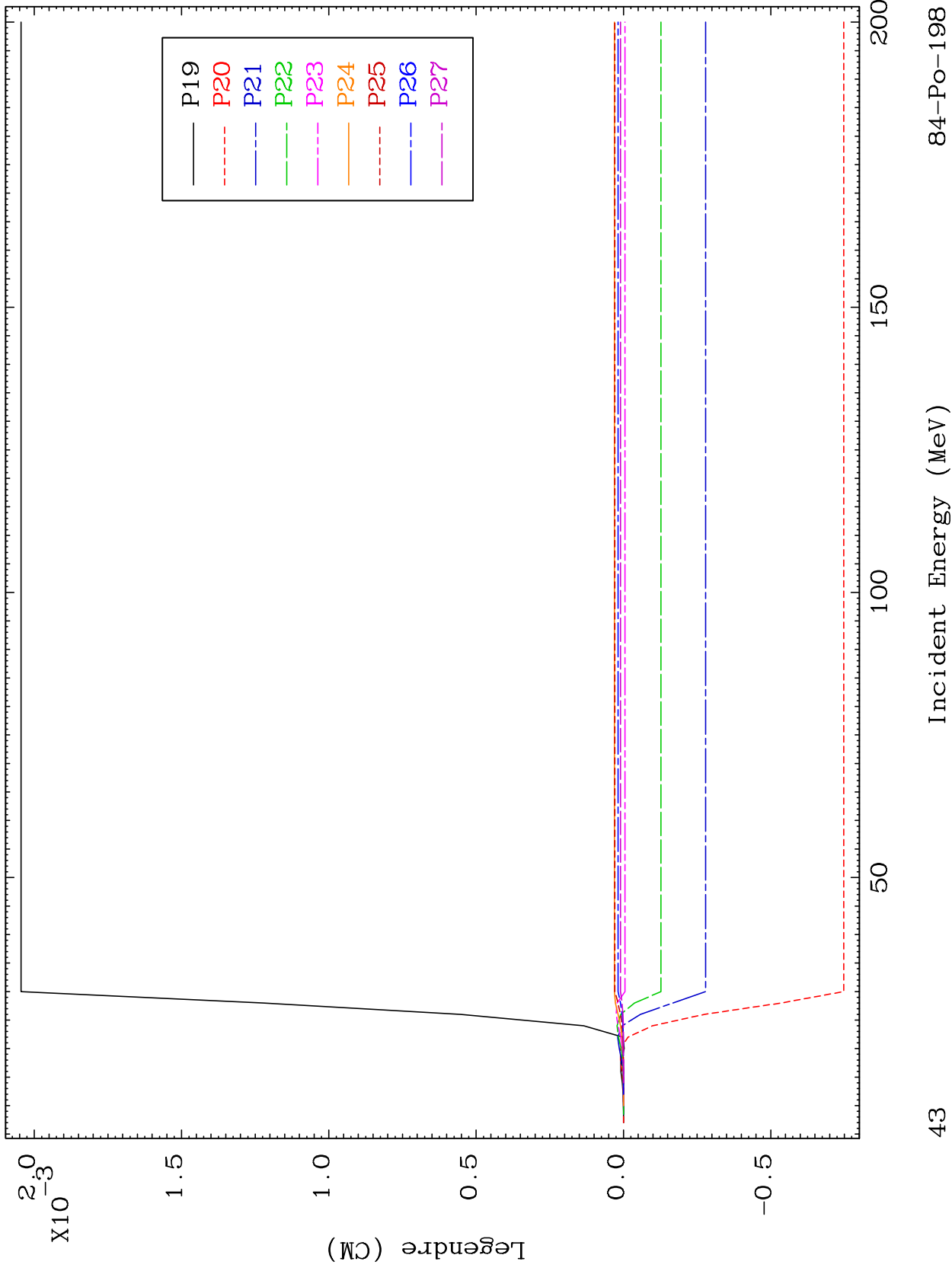
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



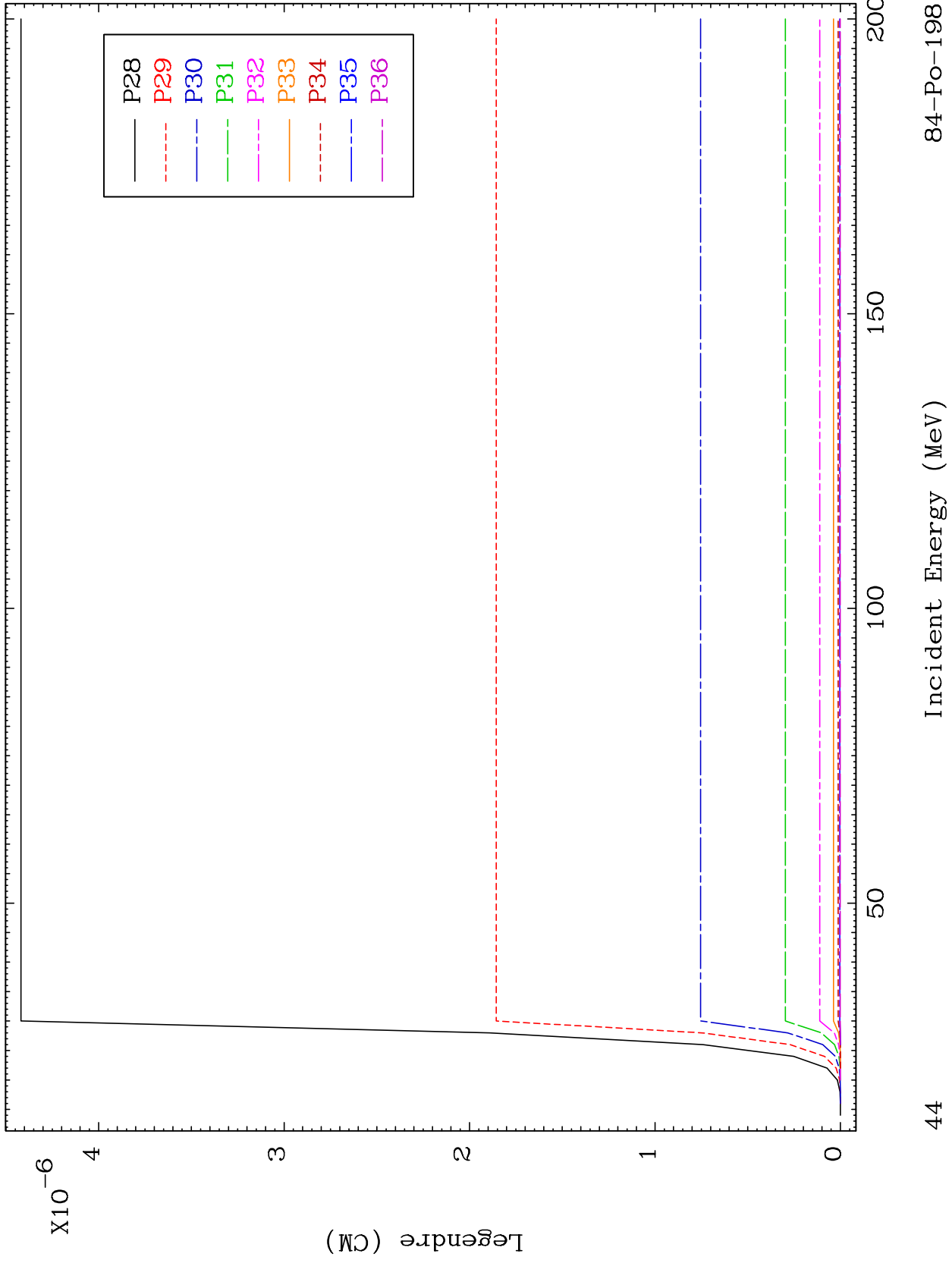
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84-Po-198

MAT 8401

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

84-Po-198



44

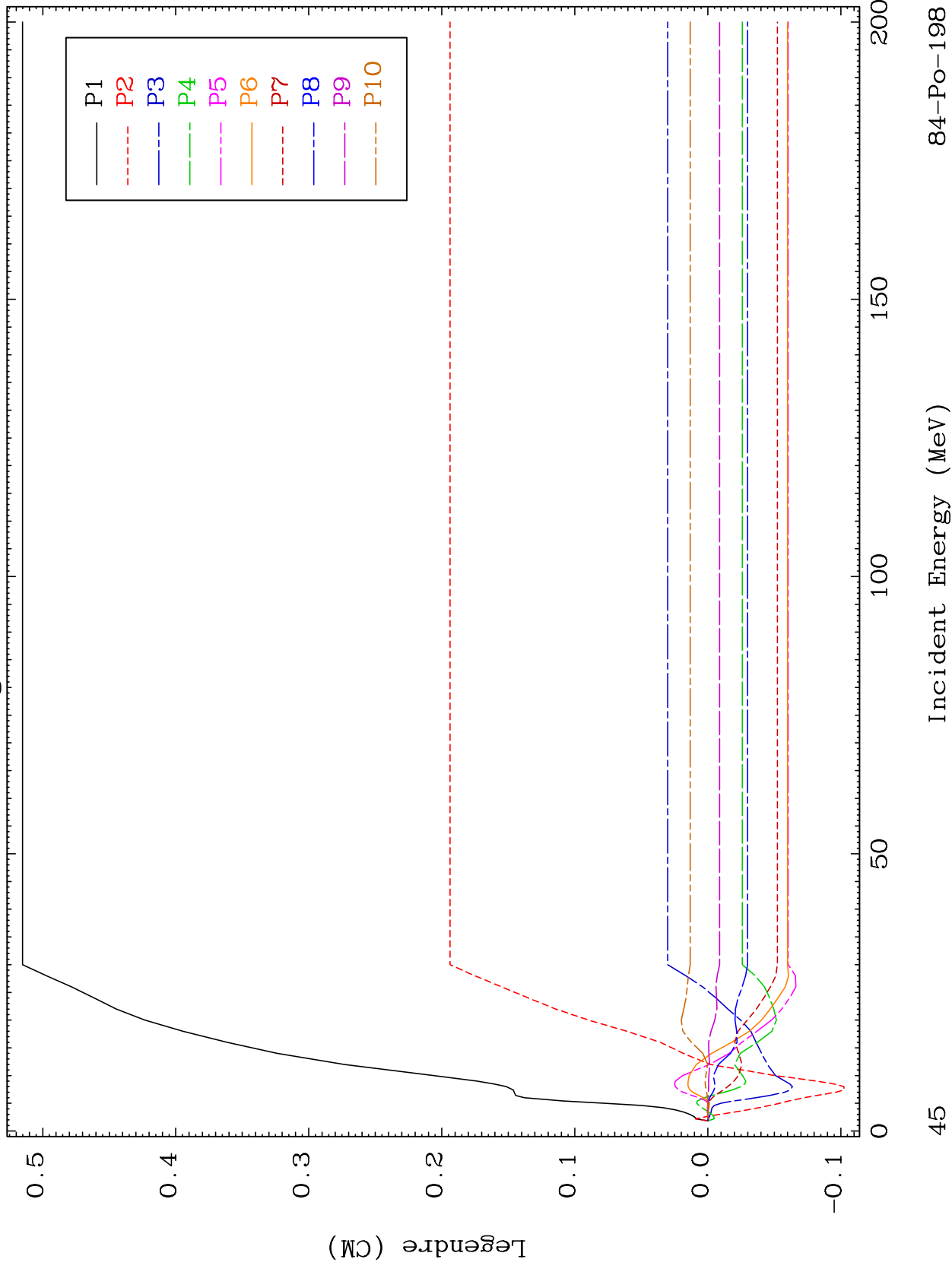
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



84-Po-198

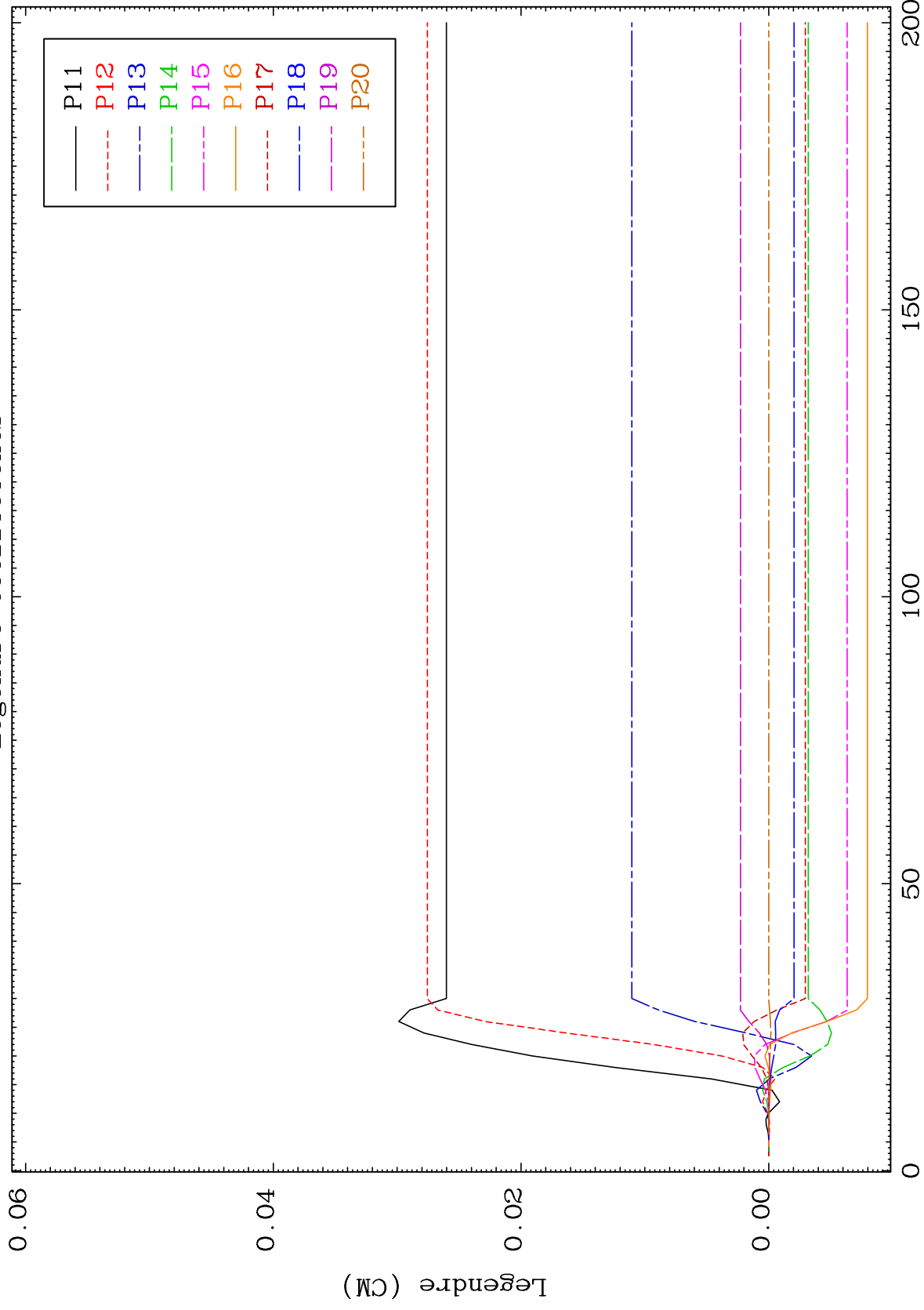
Incident Energy (MeV)

45

MAT 8401

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

84-Po-198



46

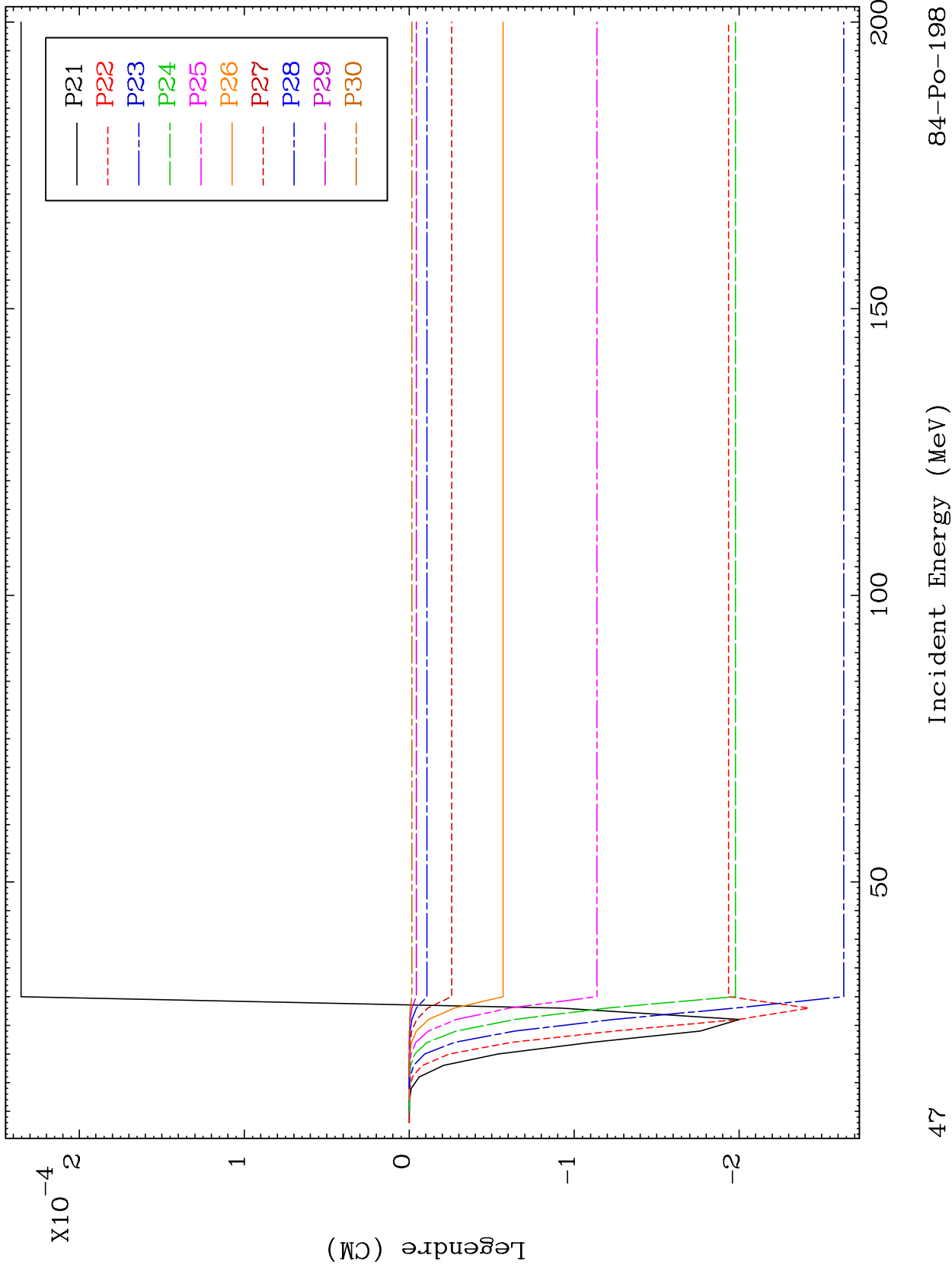
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



47

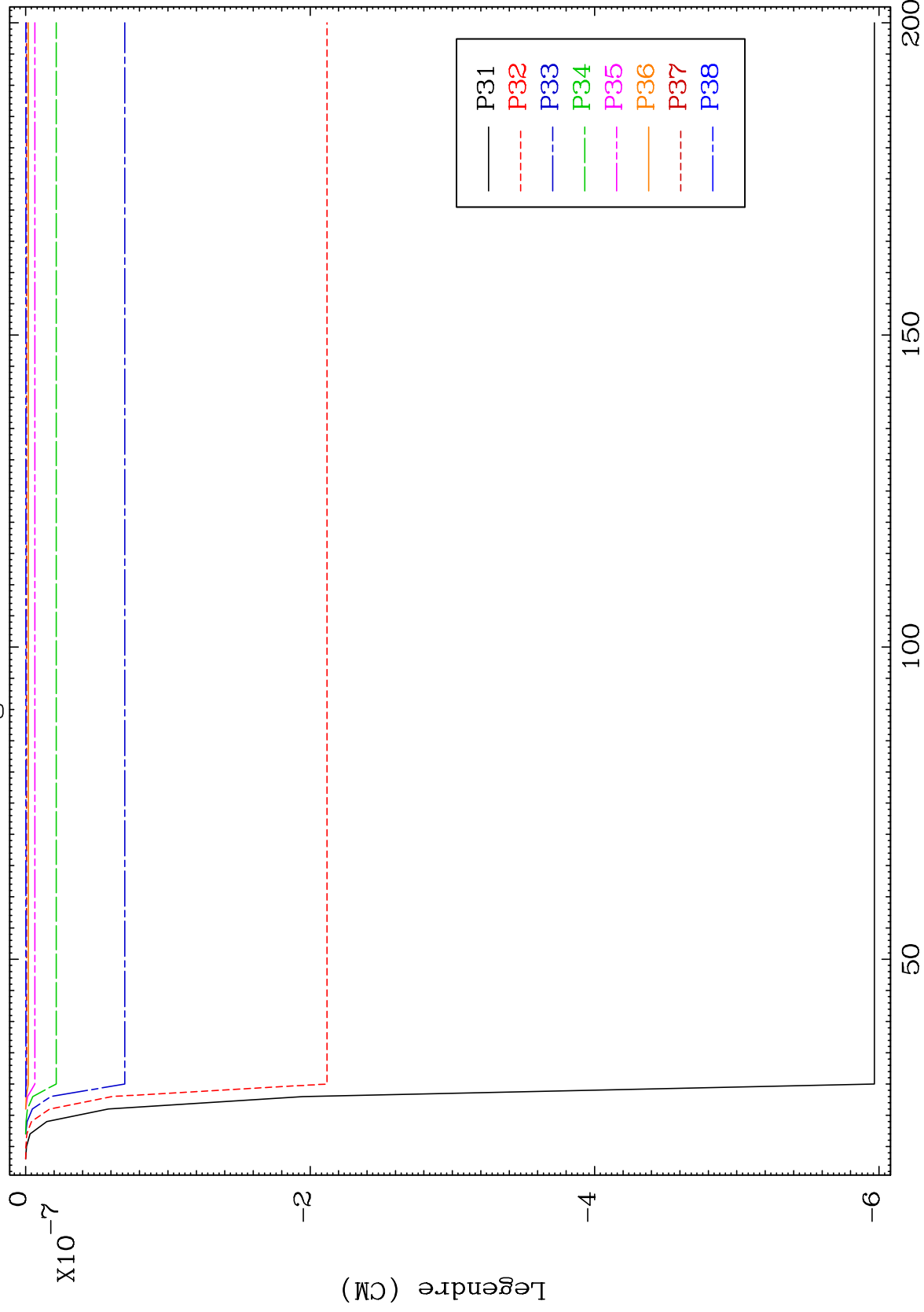
Incident Energy (MeV)

84-Po-198

MAT 8401

84-Po-198

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



48

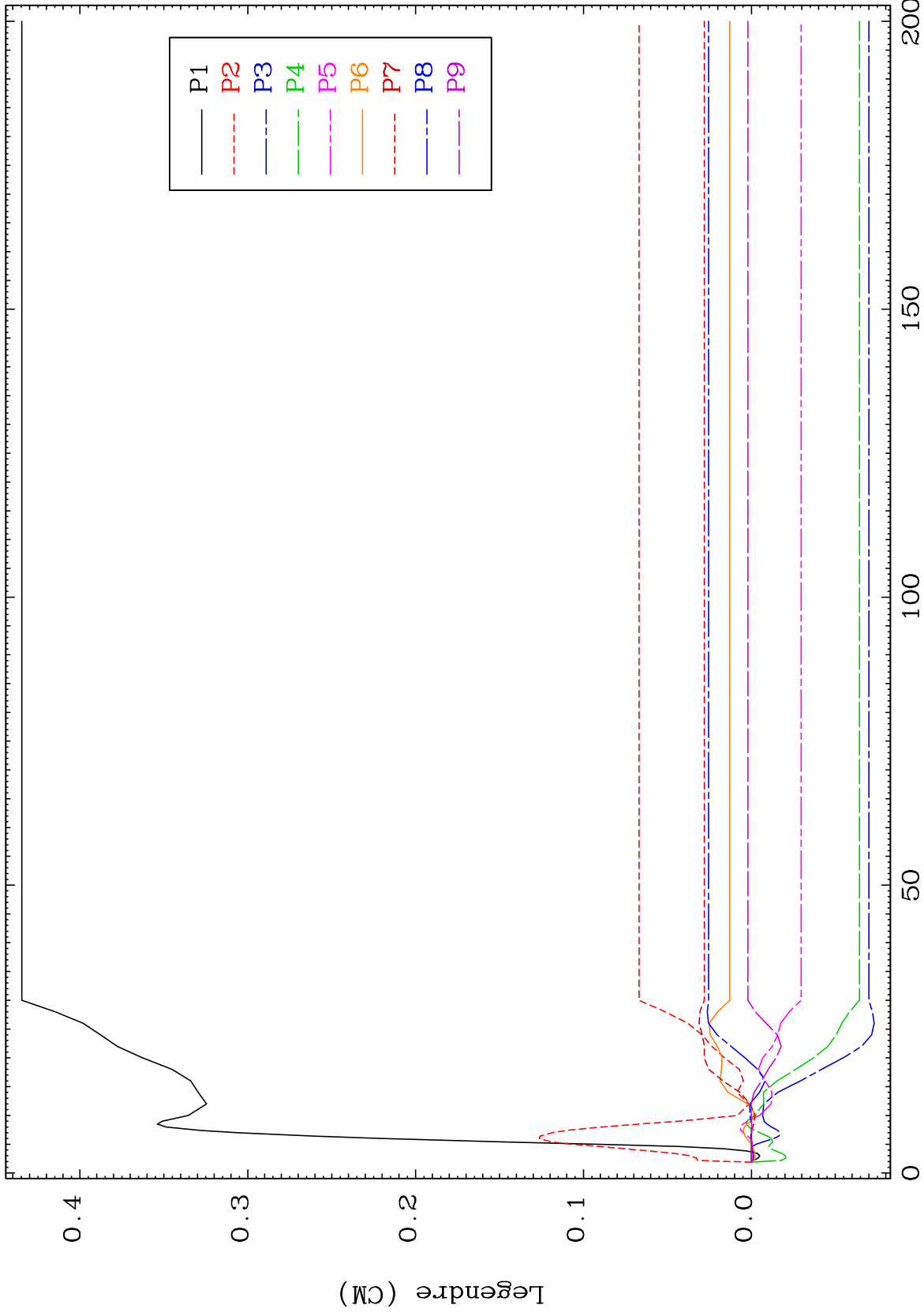
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



49

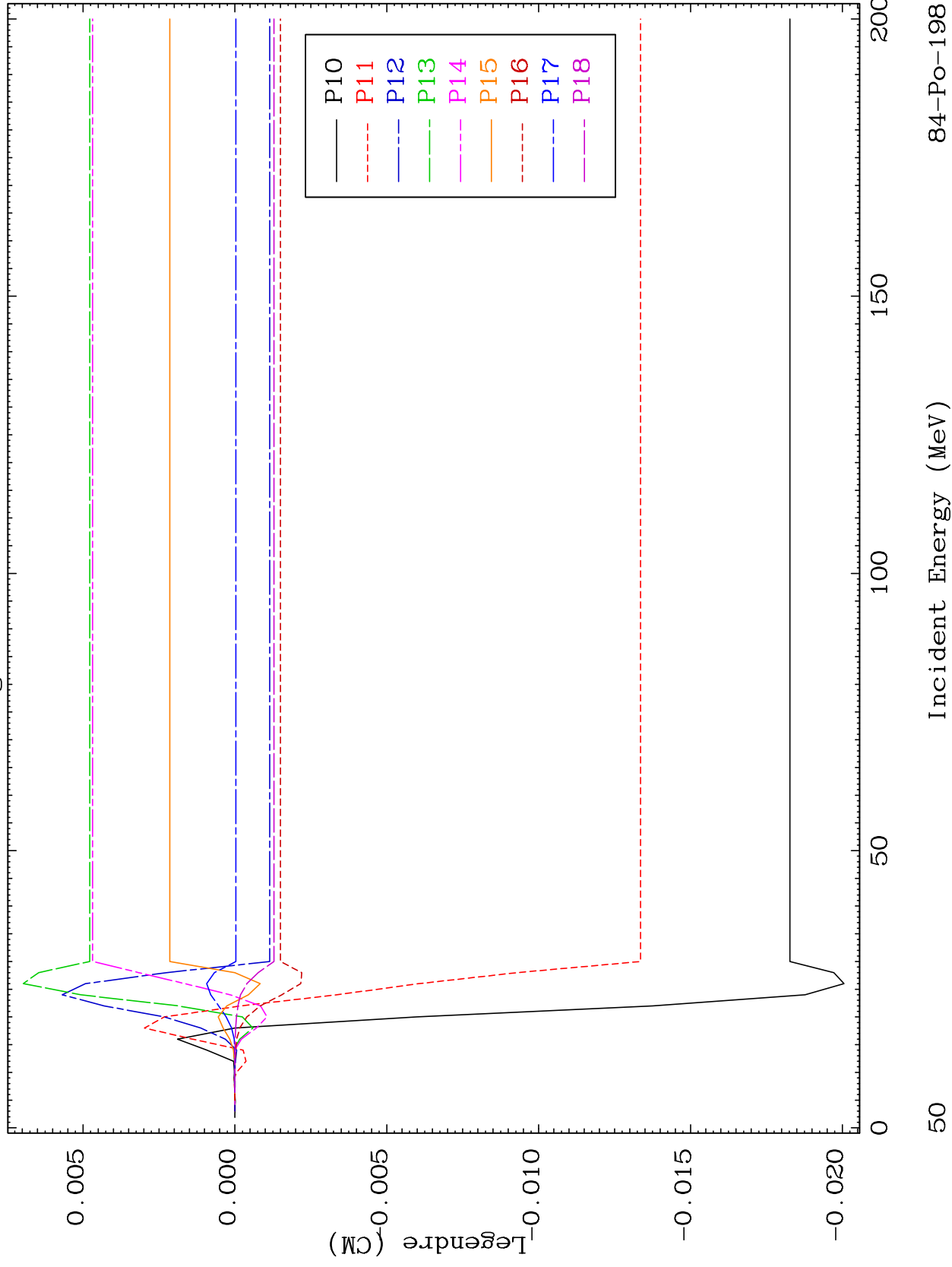
Incident Energy (MeV)

84-Po-198

MAT 8401

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

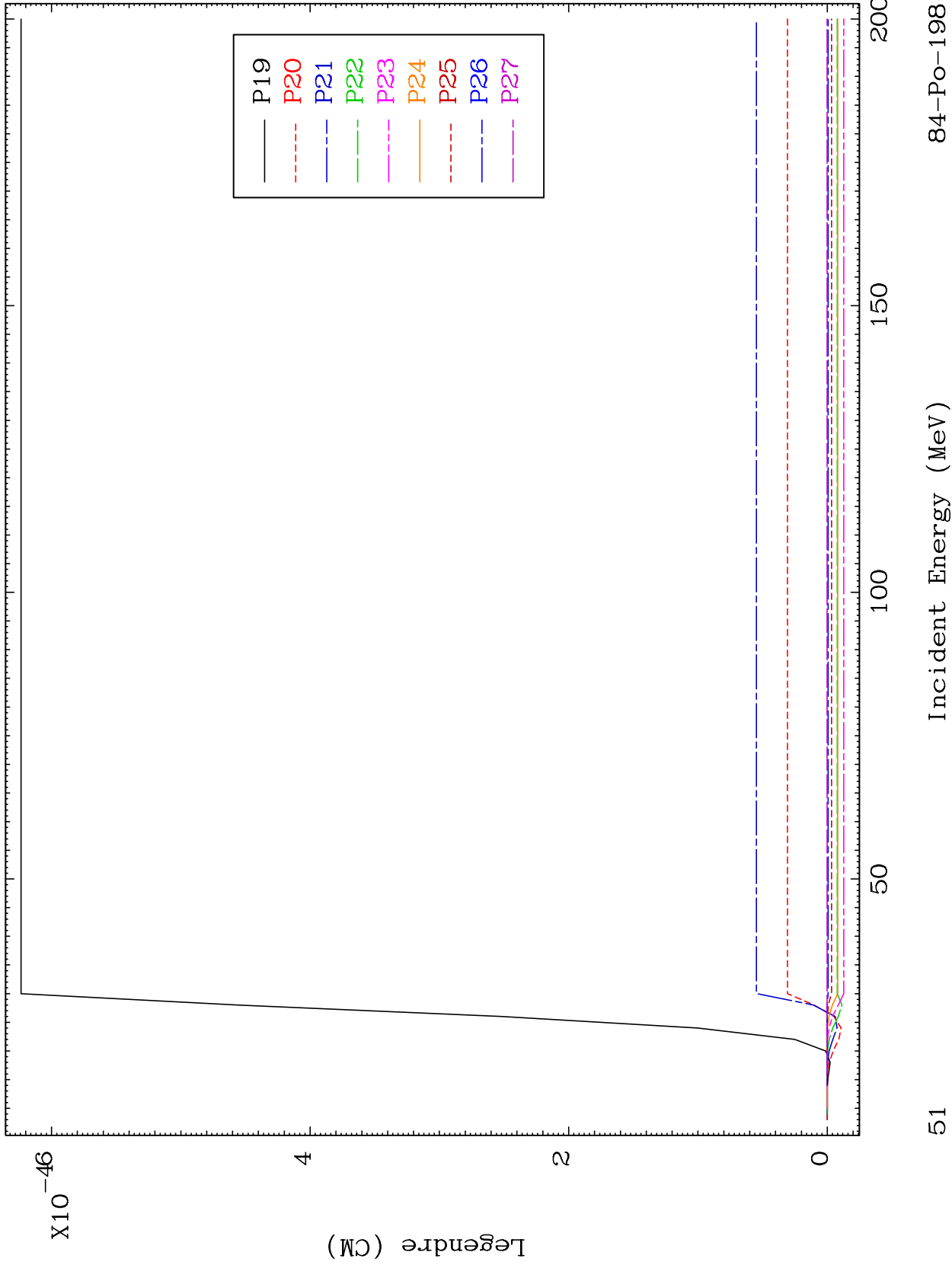
84-Po-198



MAT 8401

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

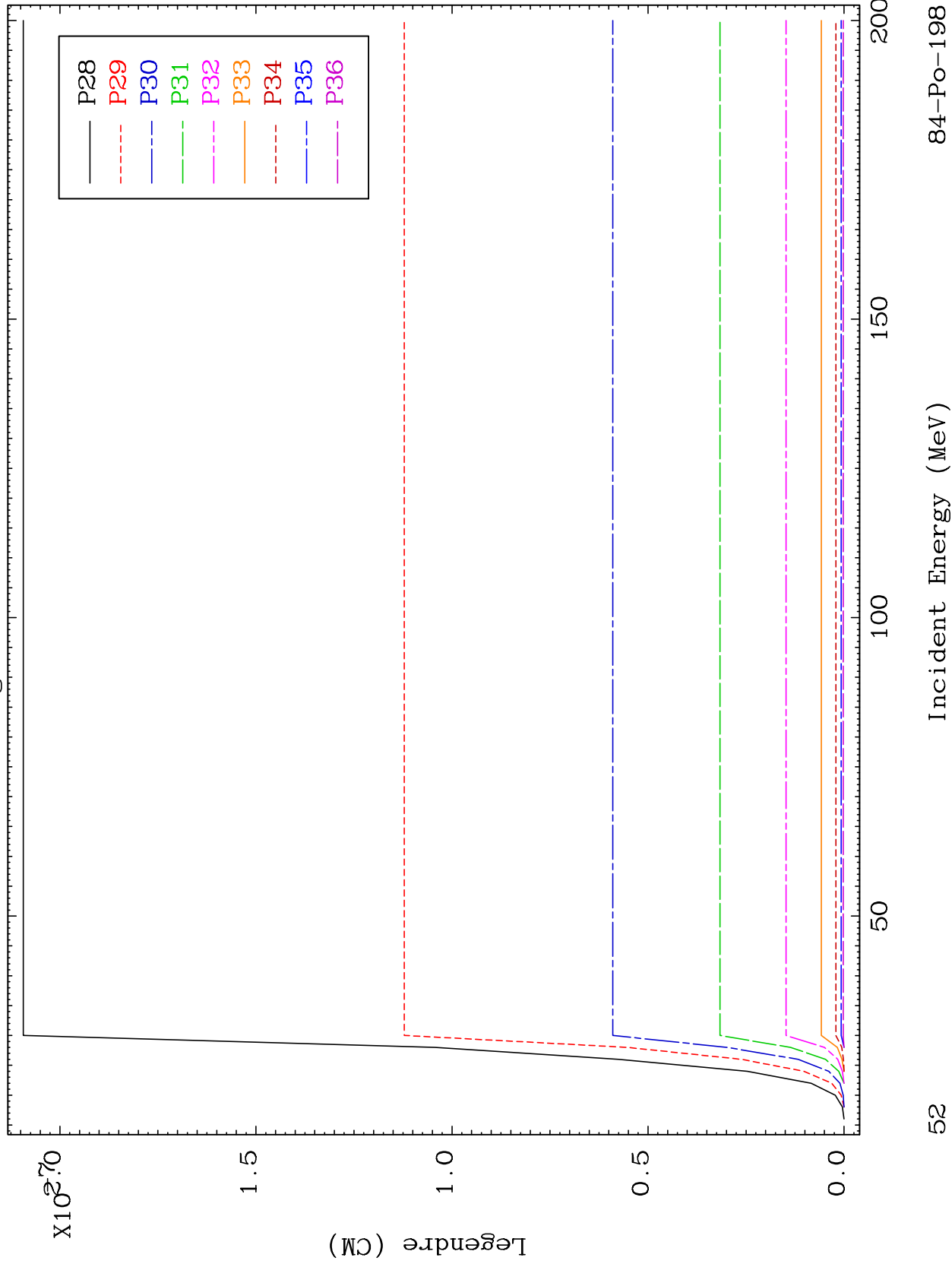
84-Po-198



MAT 8401

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

84-Po-198



52

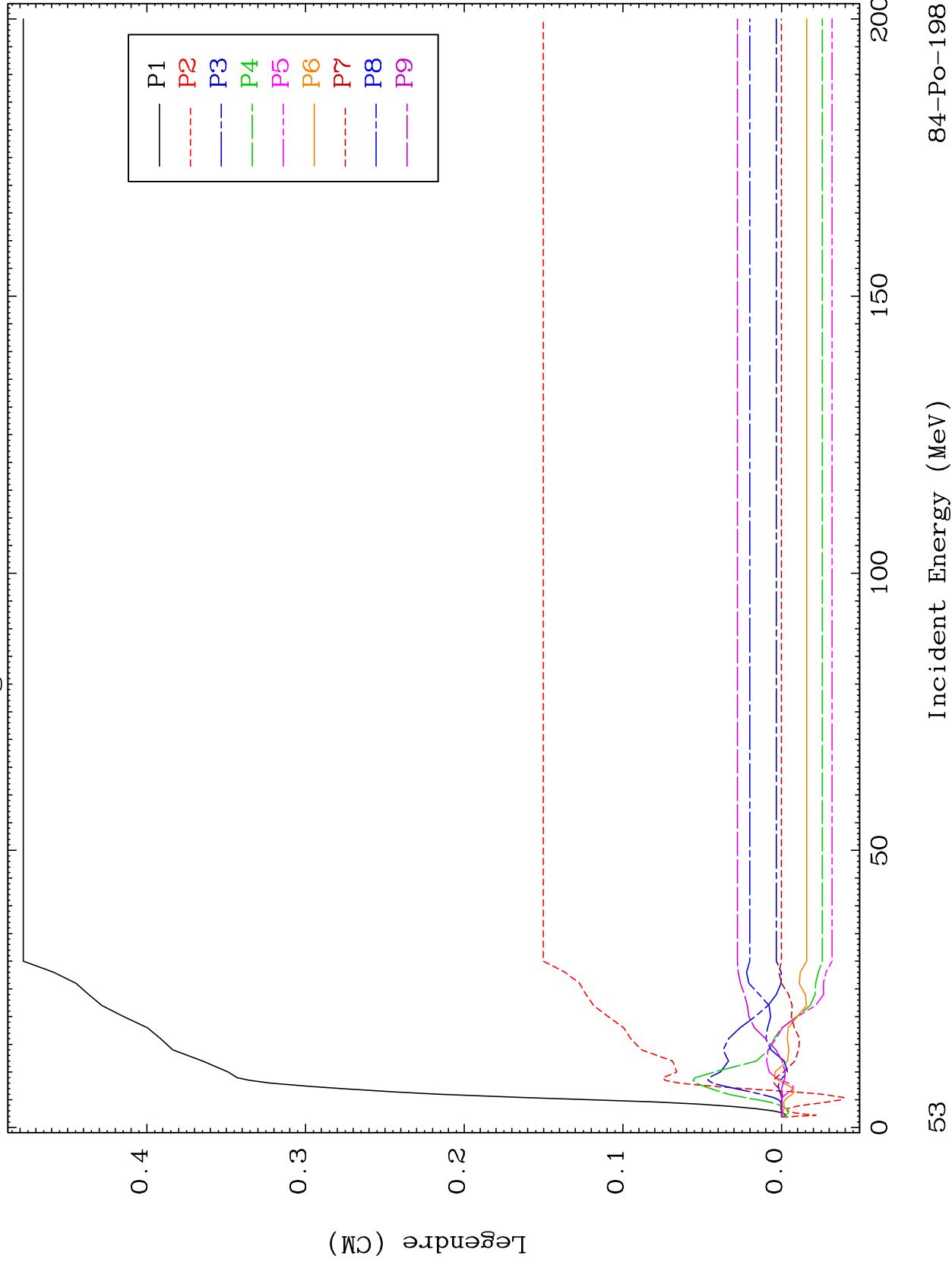
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



84-Po-198

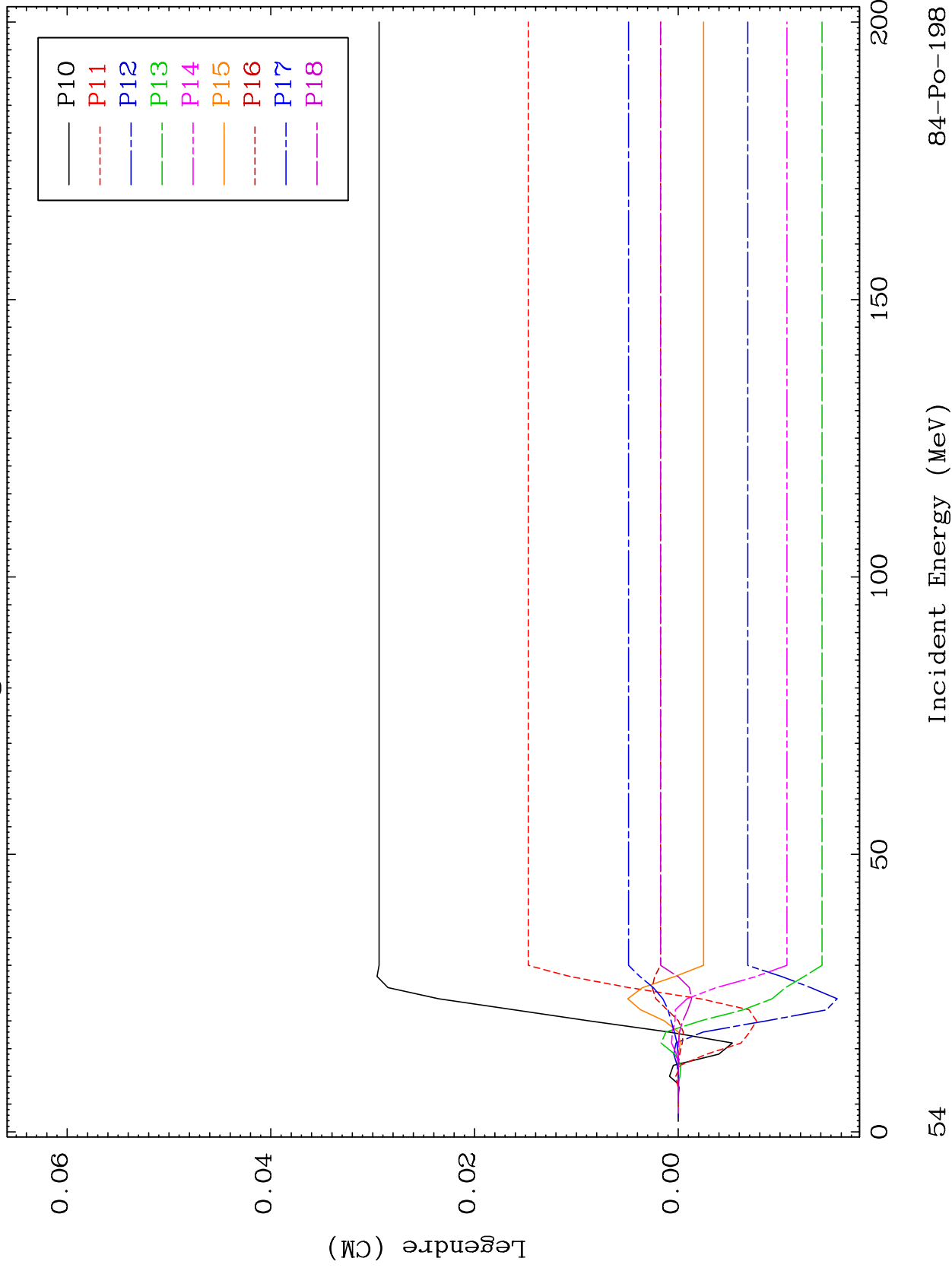
Incident Energy (MeV)

53

MAT 8401

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

84-Po-198



84-Po-198

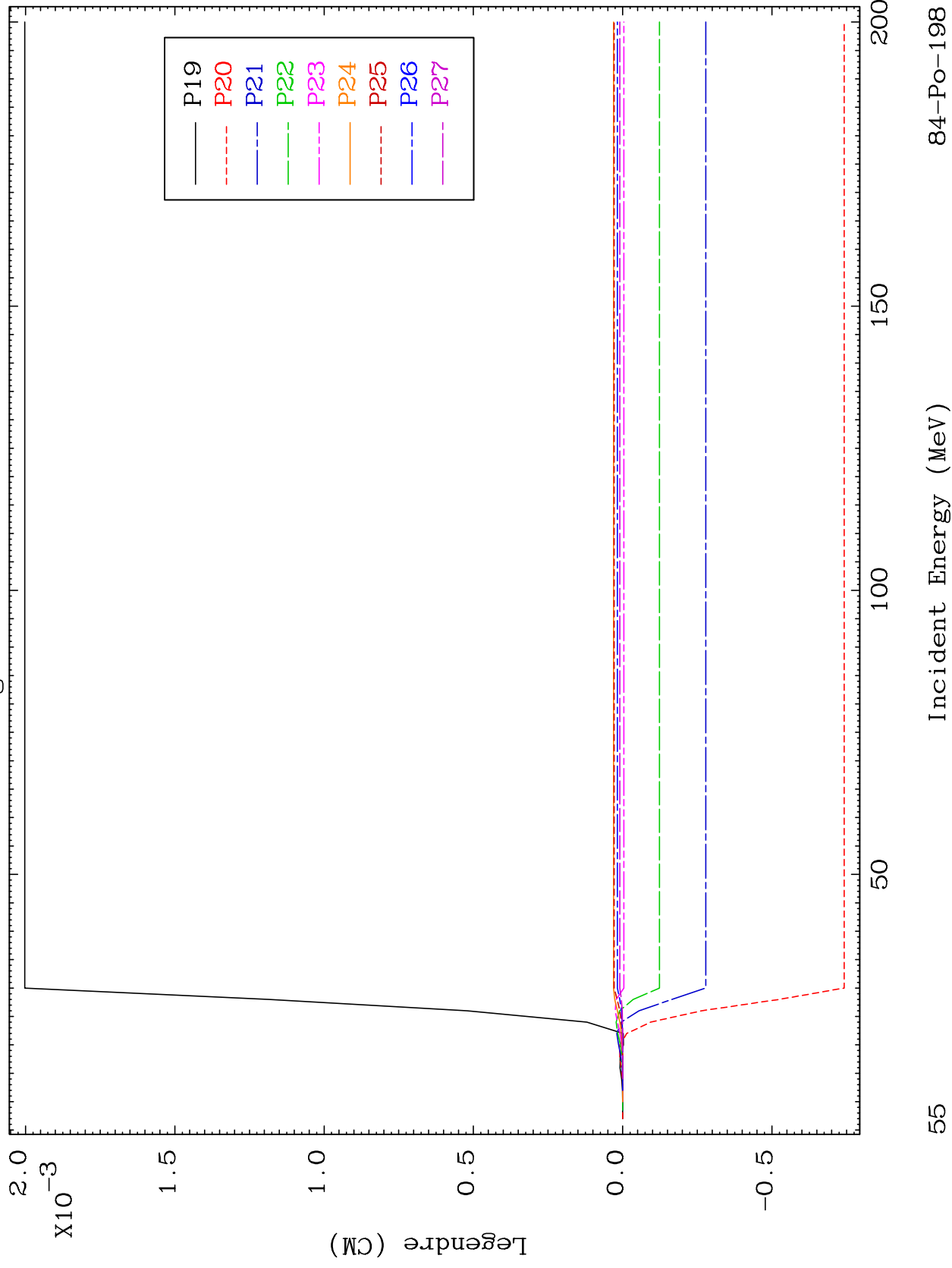
Incident Energy (MeV)

54

MAT 8401

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

84-Po-198



55

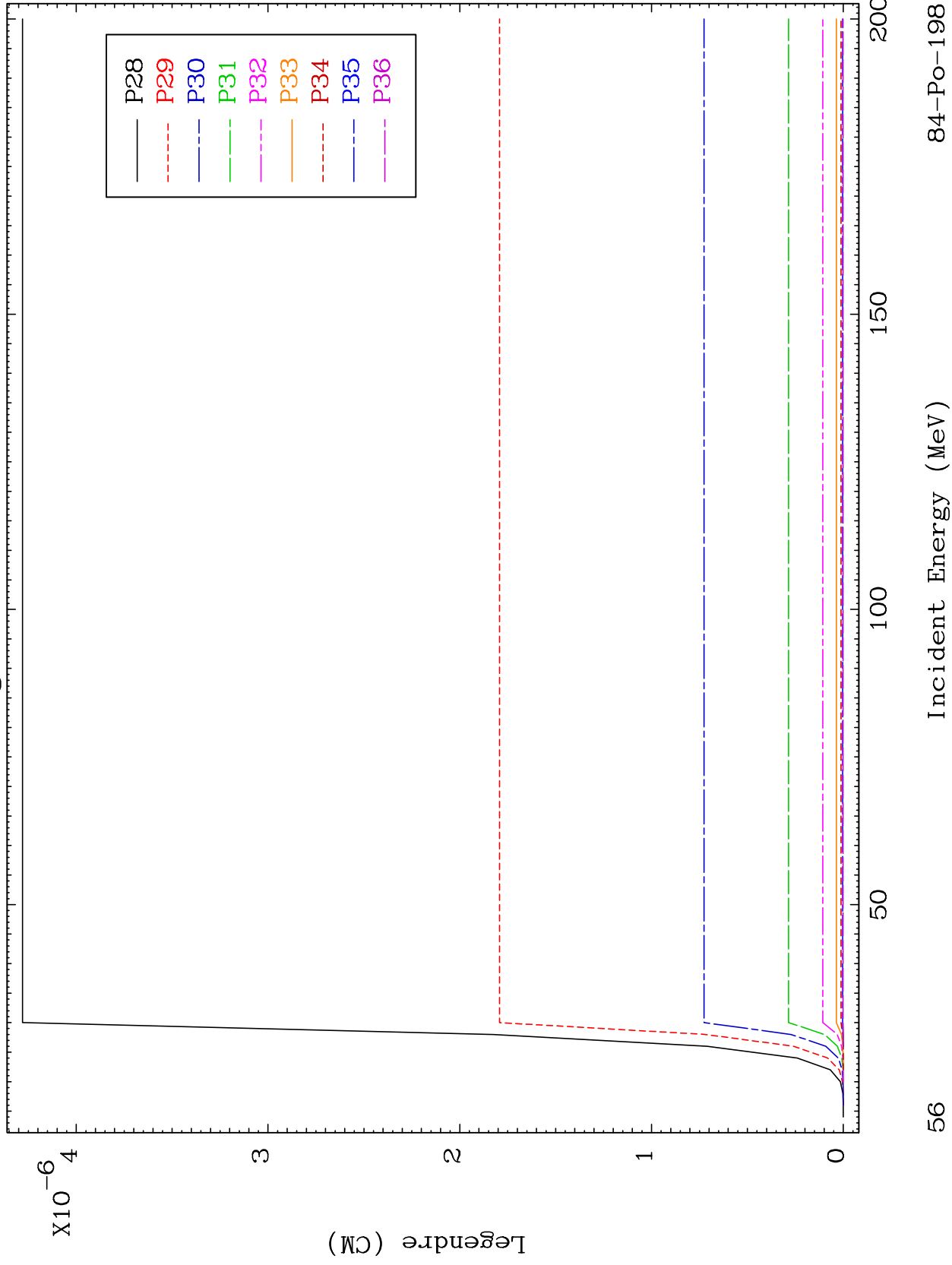
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



56

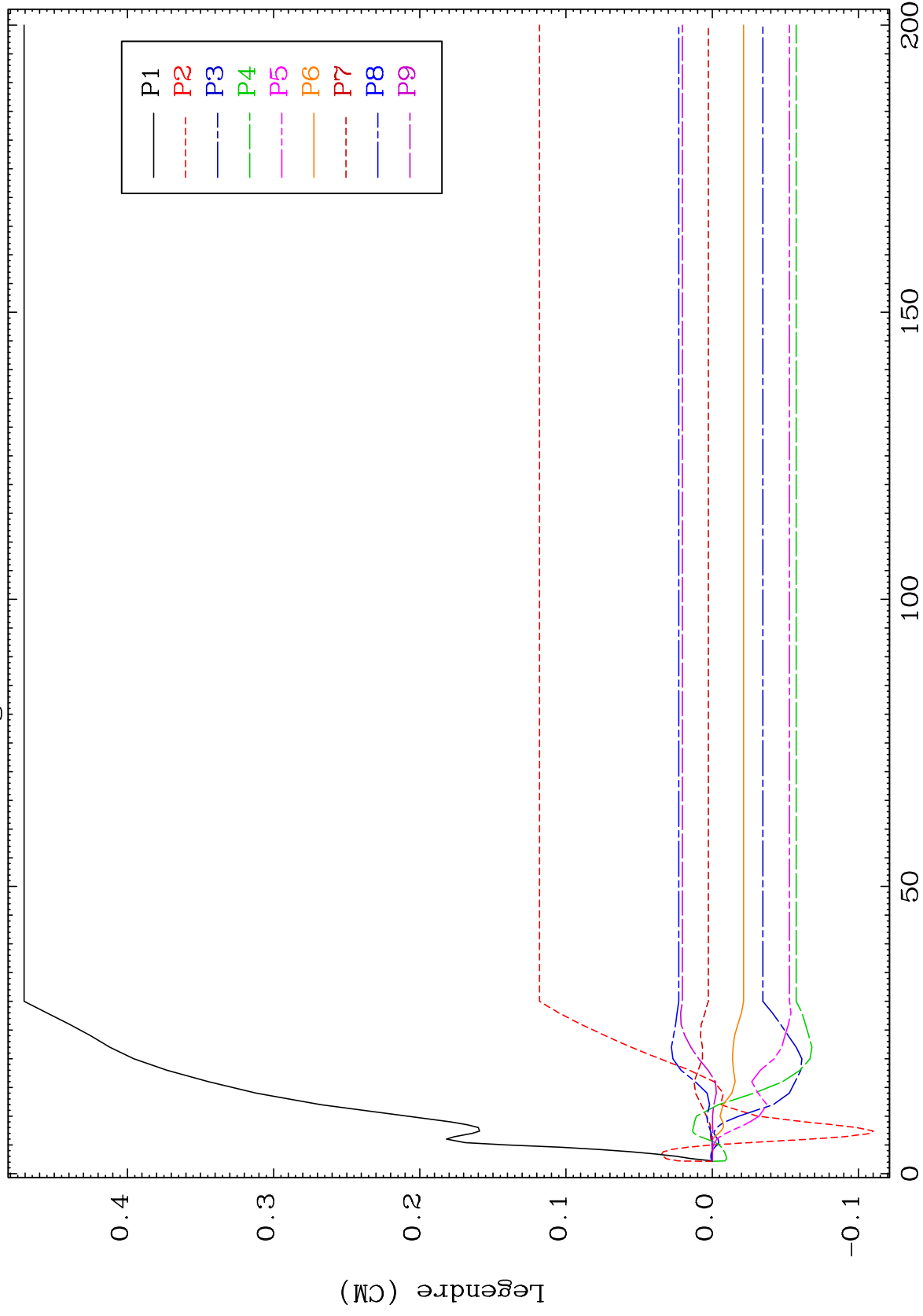
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



57

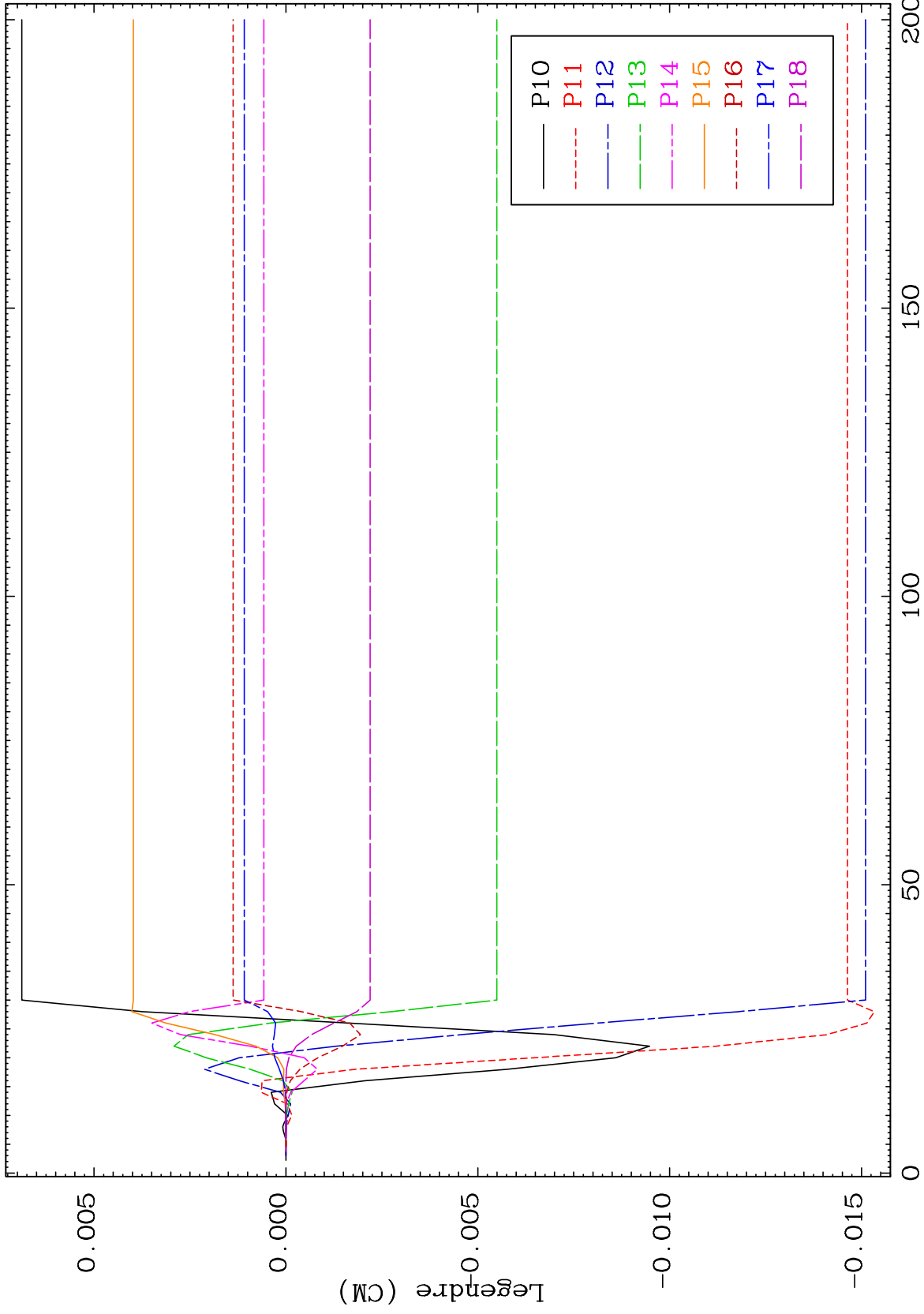
Incident Energy (MeV)

84-Po-198

MAT 8401

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

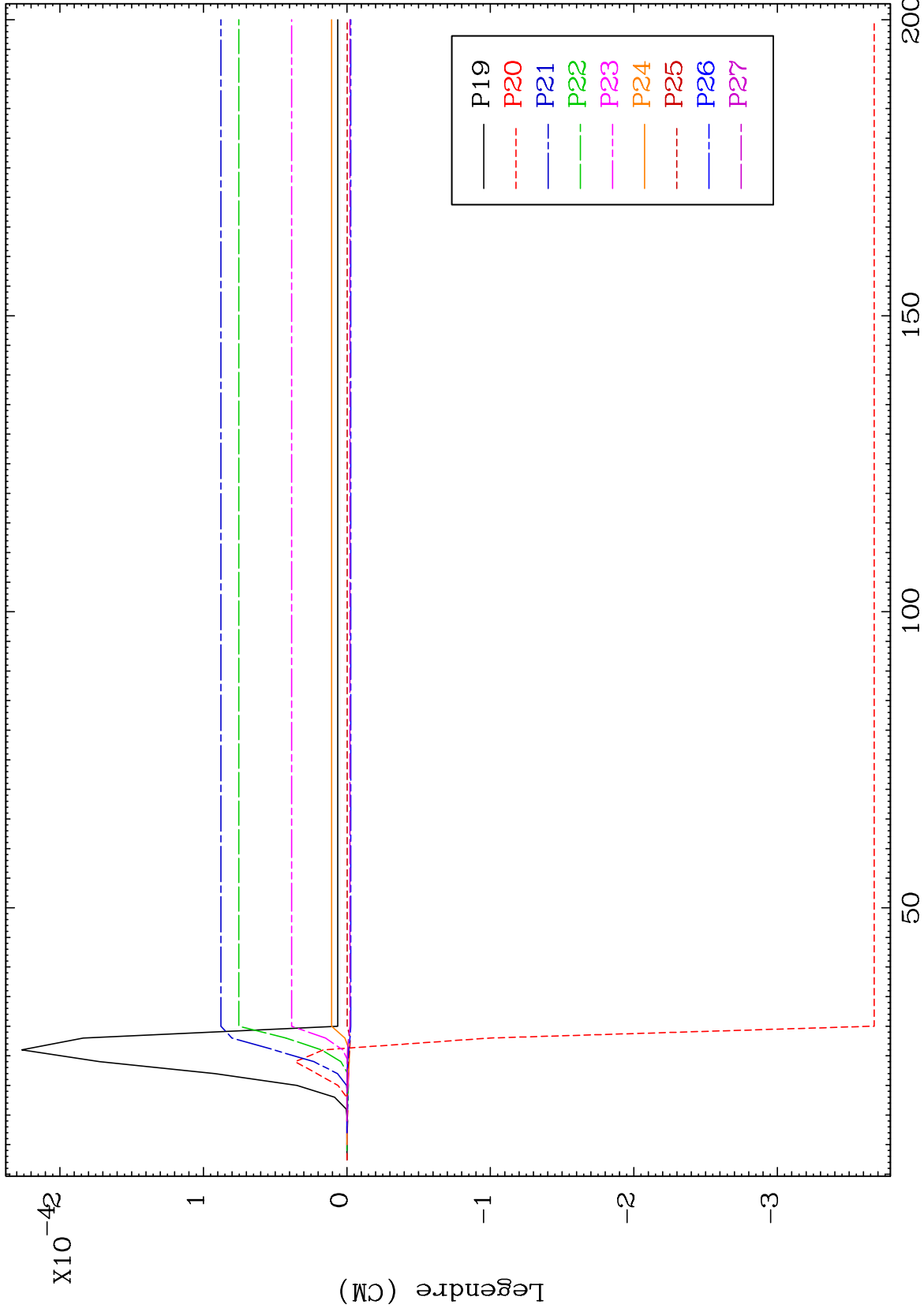
84-Po-198

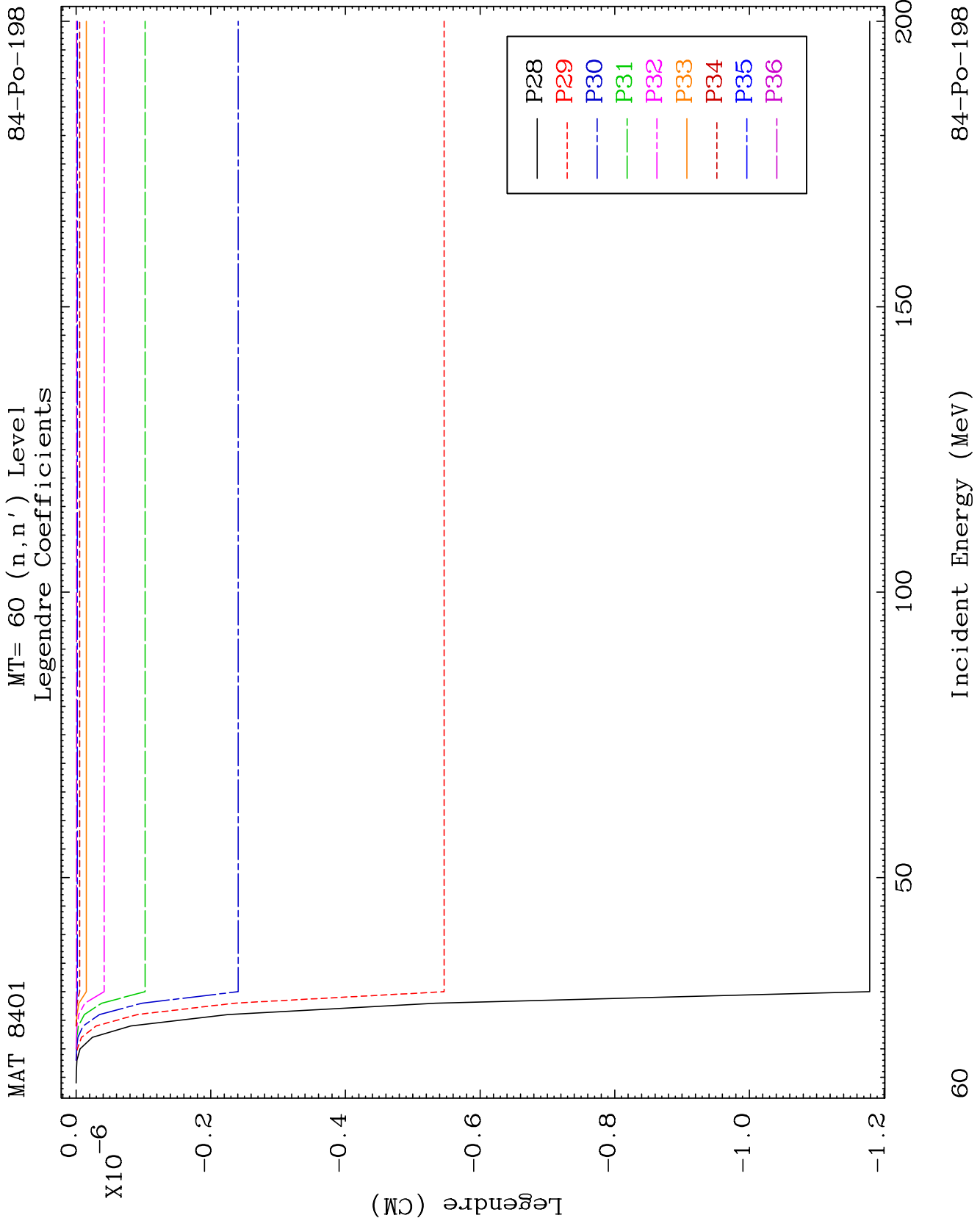


58

Incident Energy (MeV)

84-Po-198

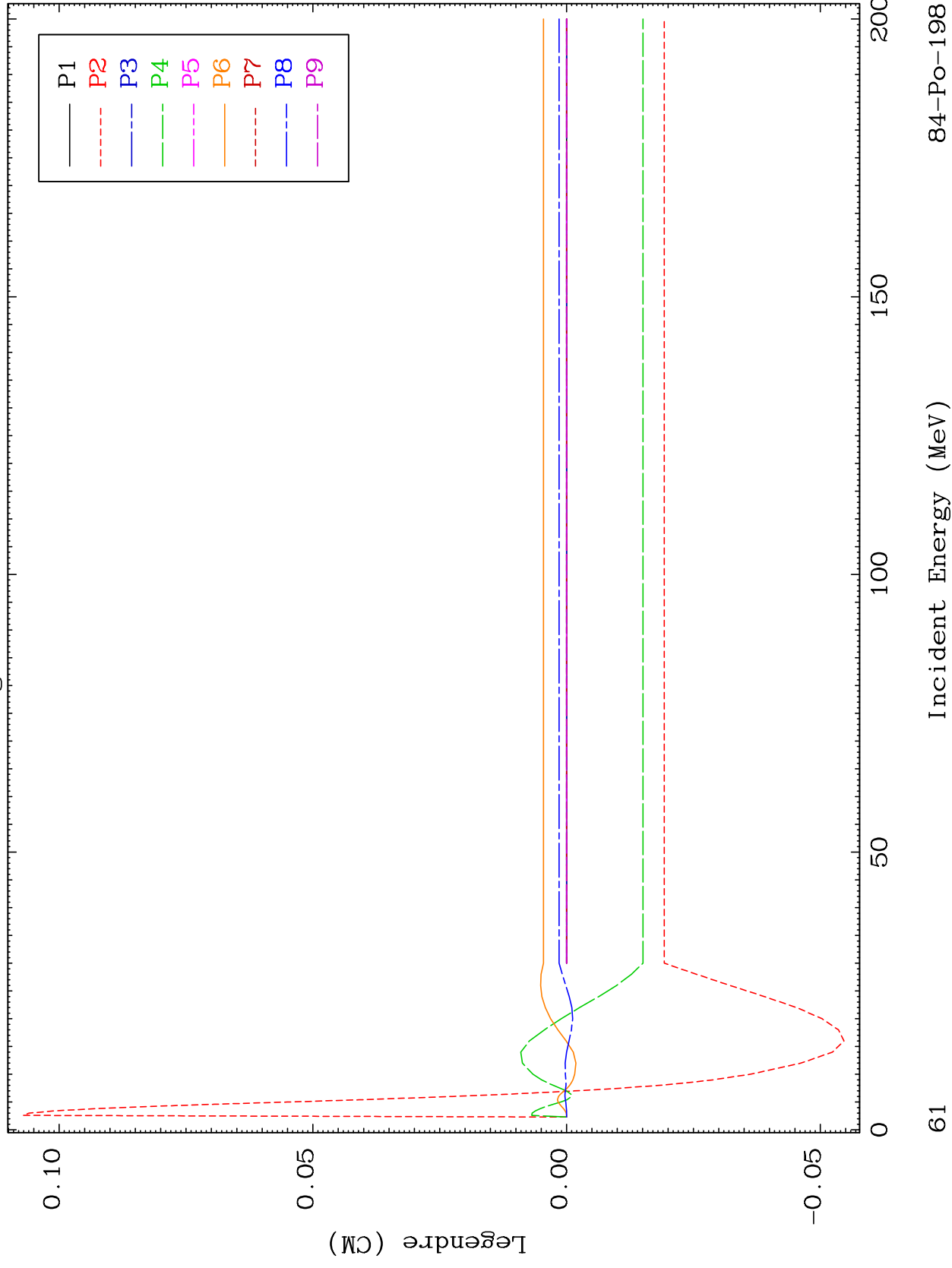




MAT 8401

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

84-Po-198



84-Po-198

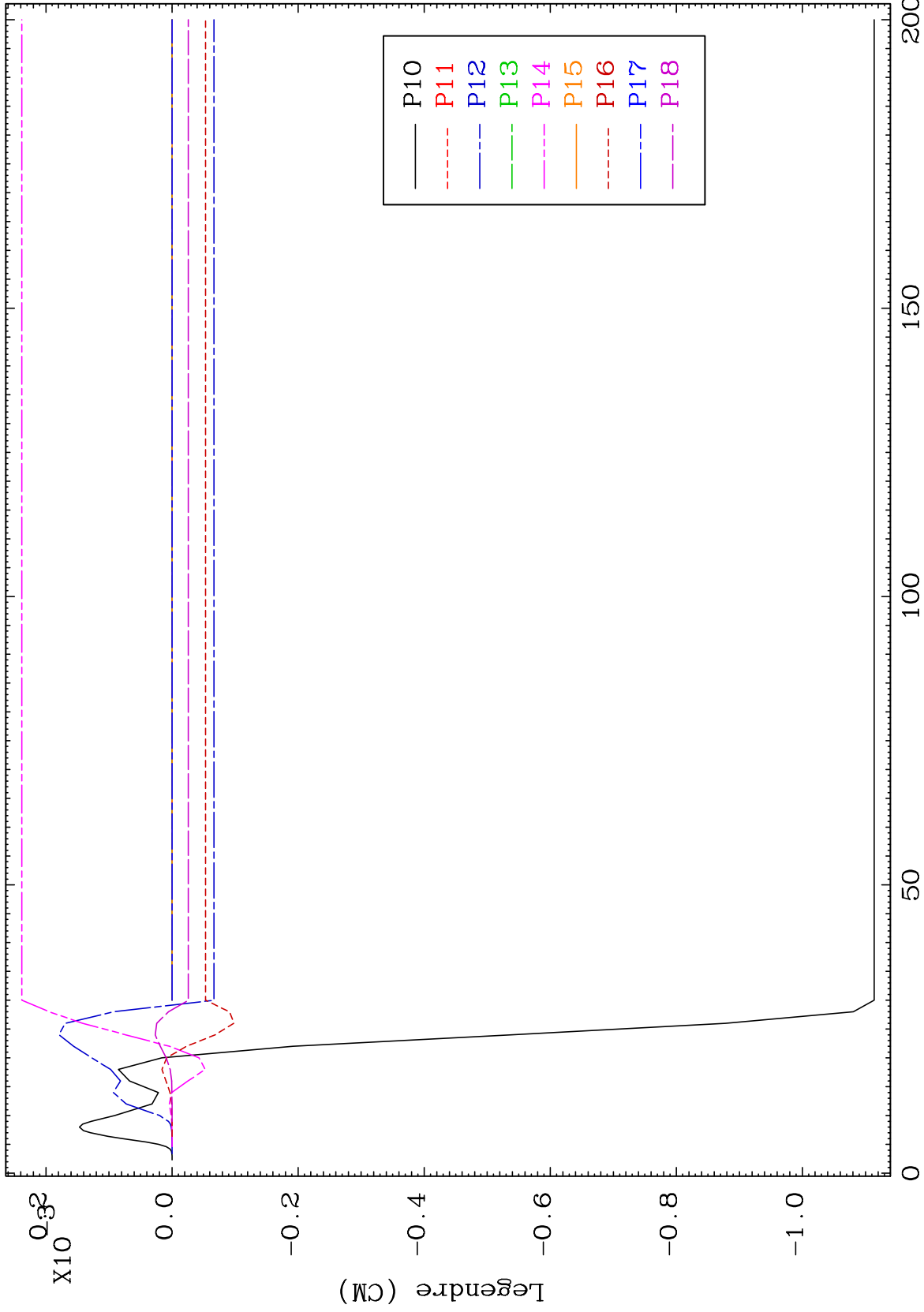
Incident Energy (MeV)

61

MAT 8401

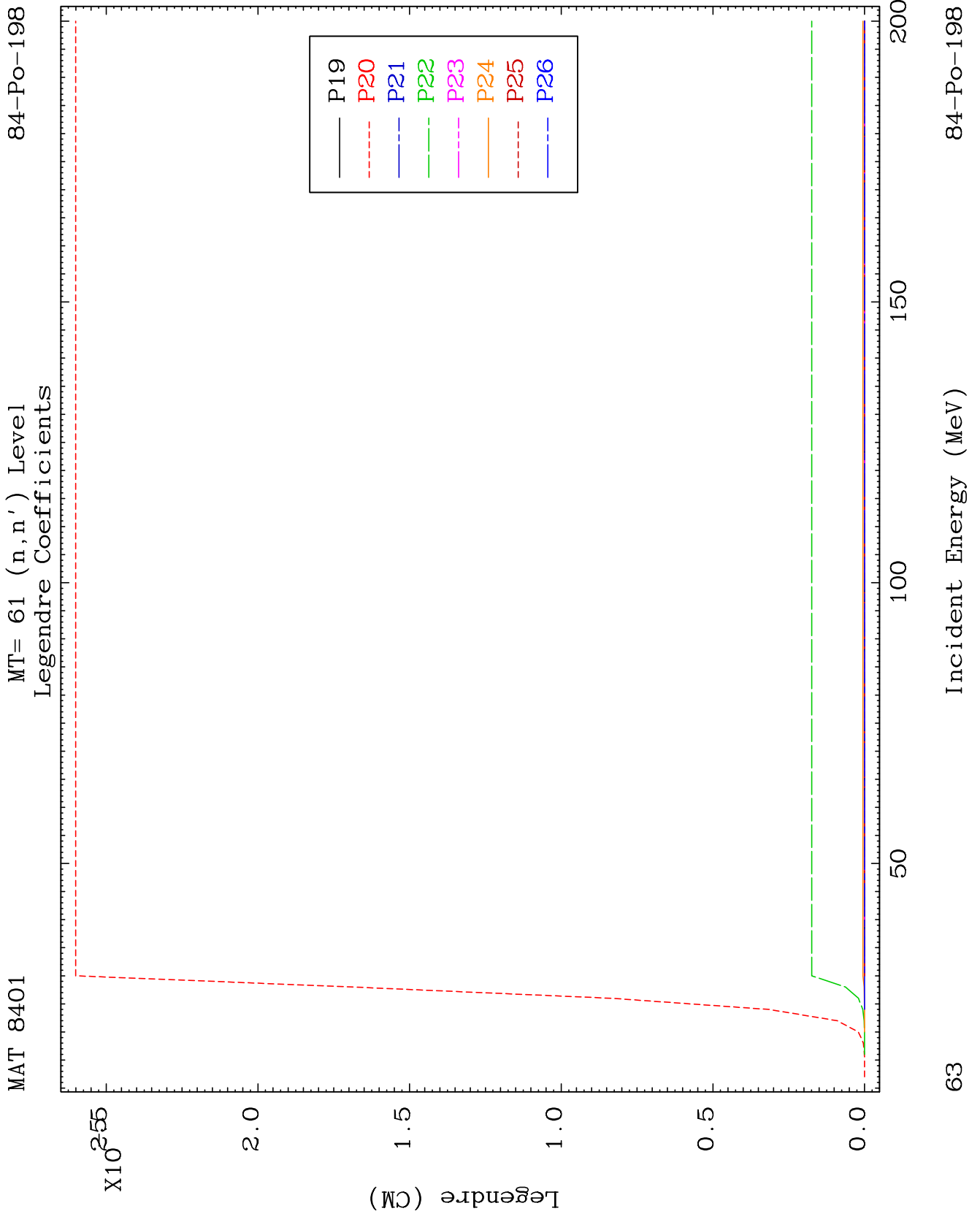
MT= 61 (n,n') Level
Legendre Coefficients

84-Po-198



62

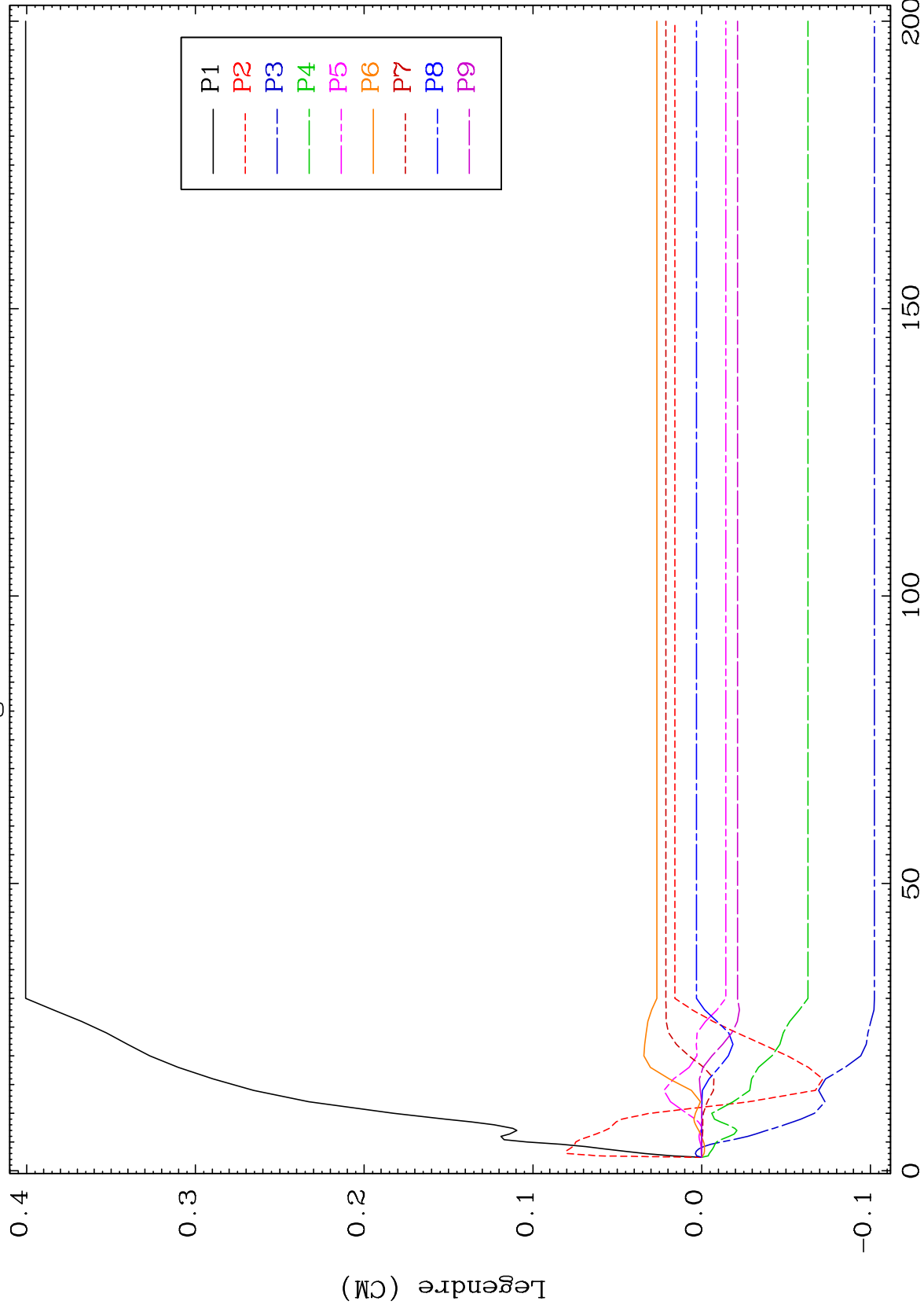
84-Po-198



MAT 8401

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

84-Po-198



64

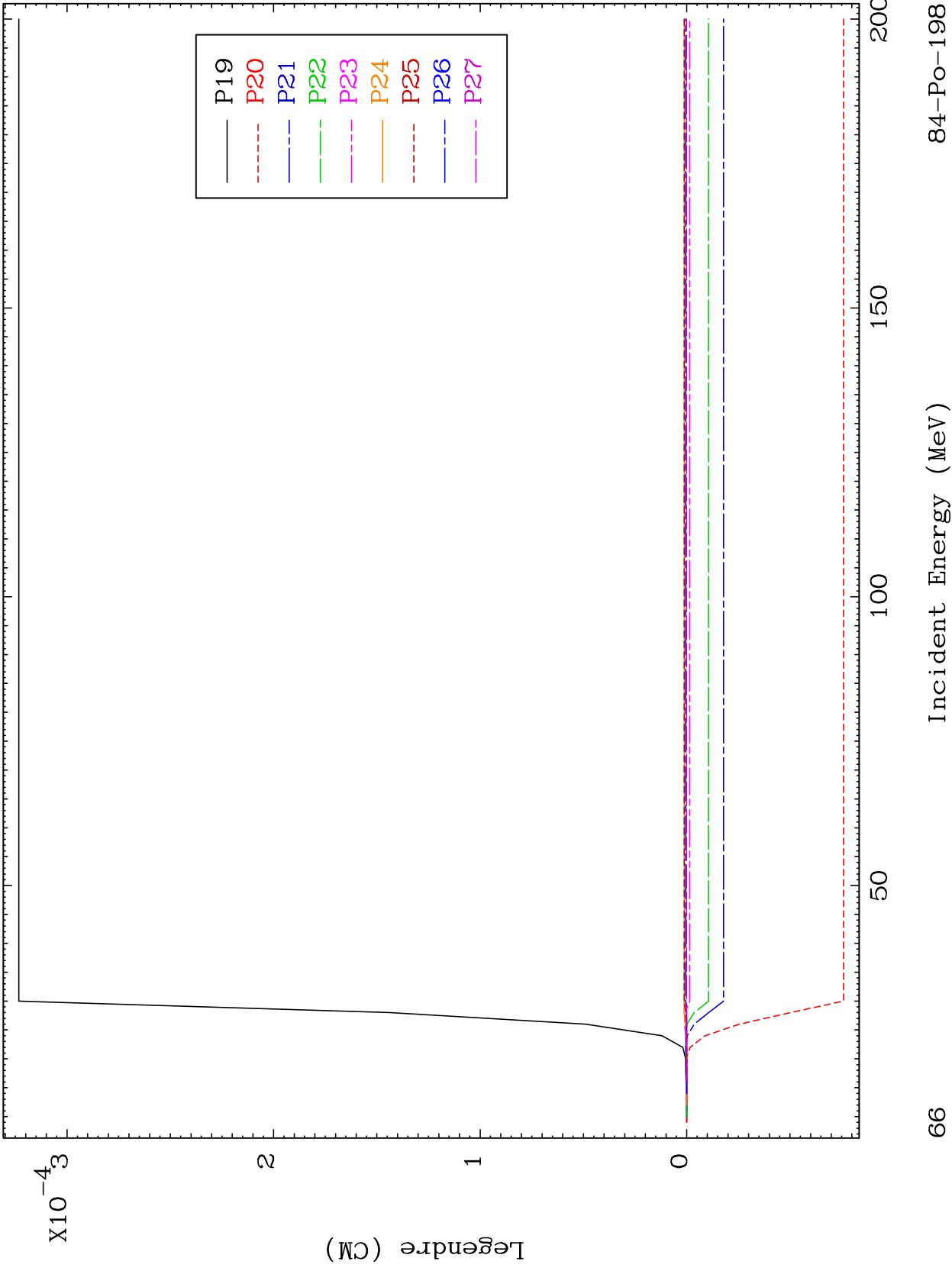
Incident Energy (MeV)

84-Po-198

MAT 8401

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

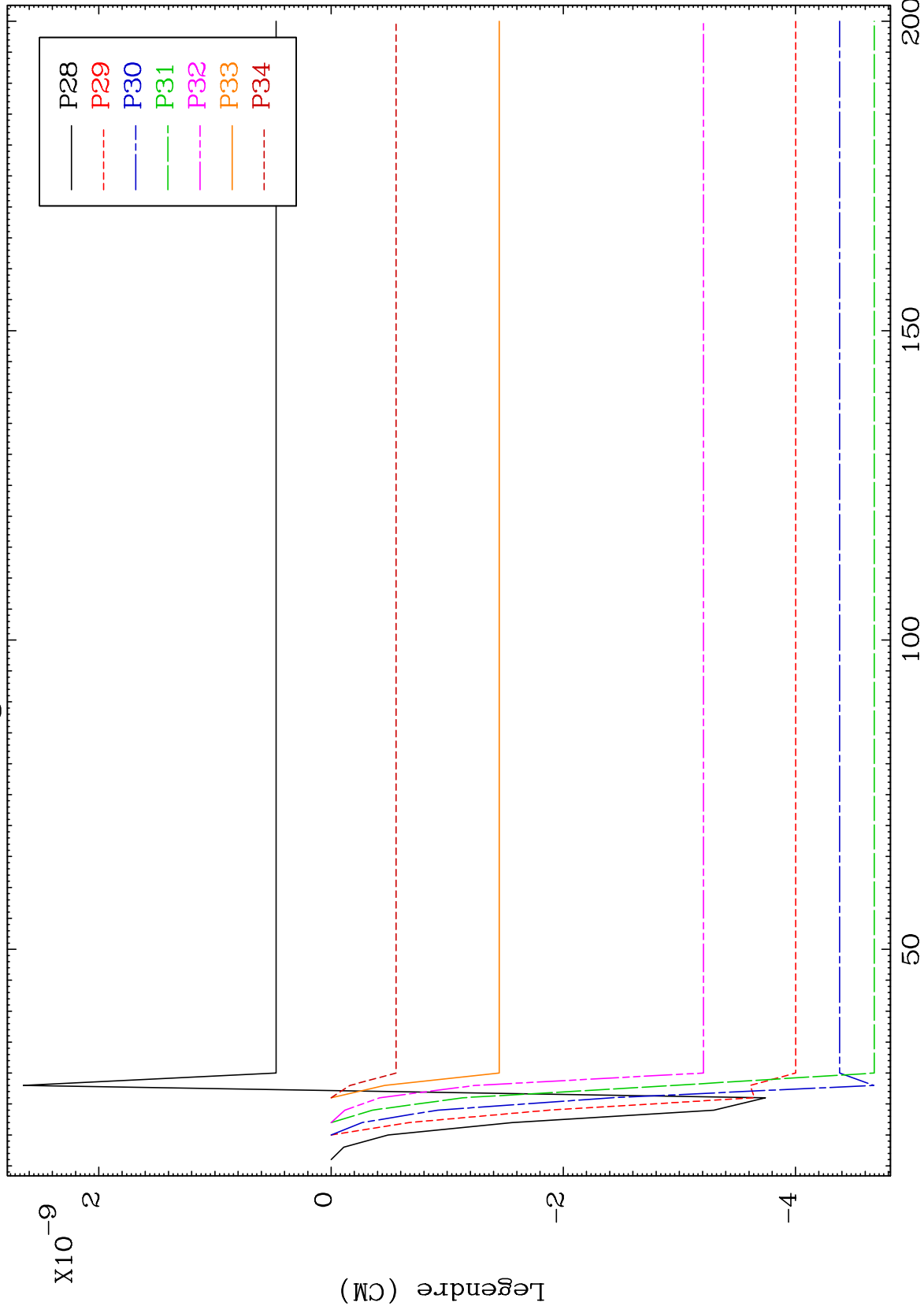
84-Po-198



MAT 8401

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

84-Po-198



67

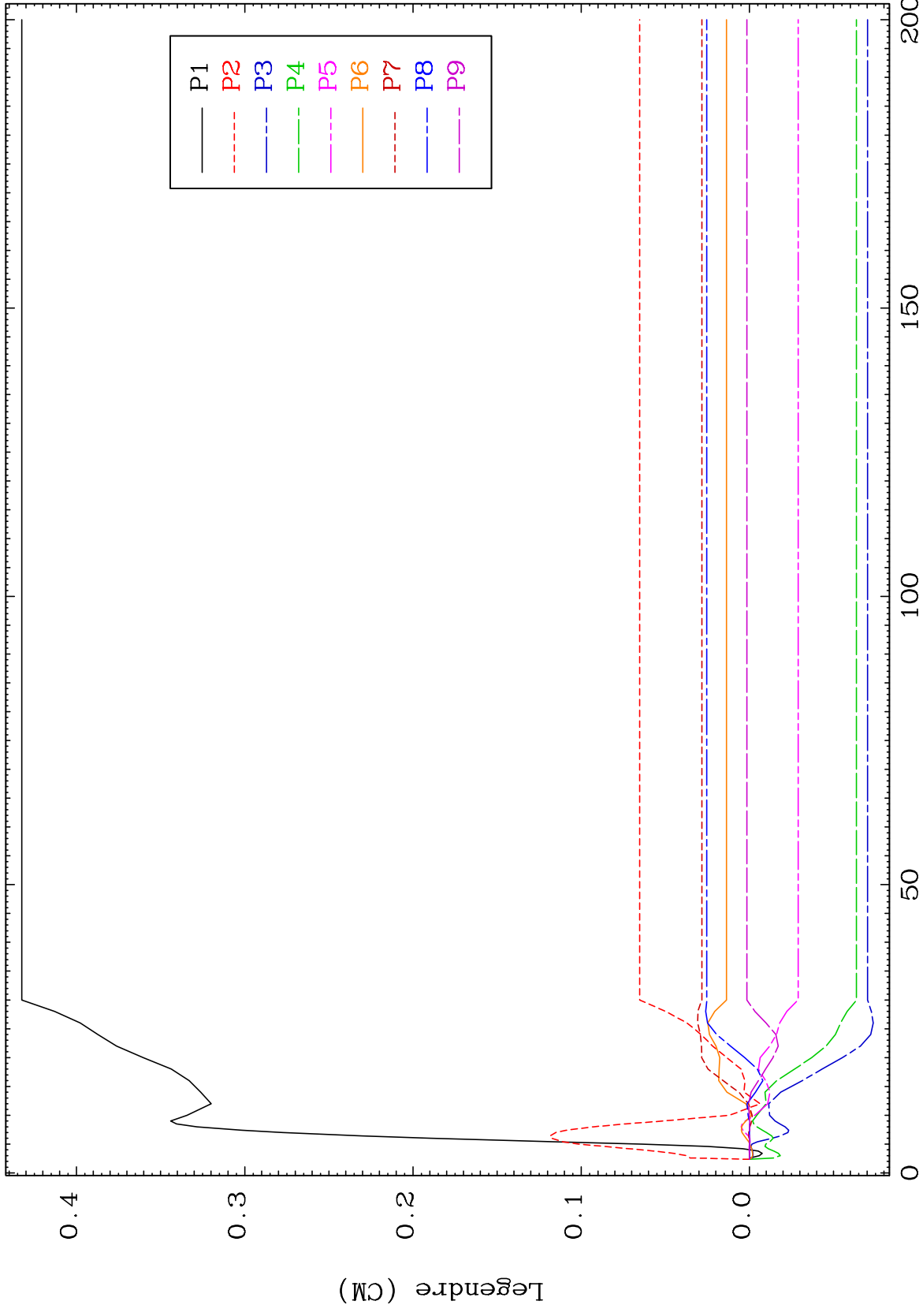
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



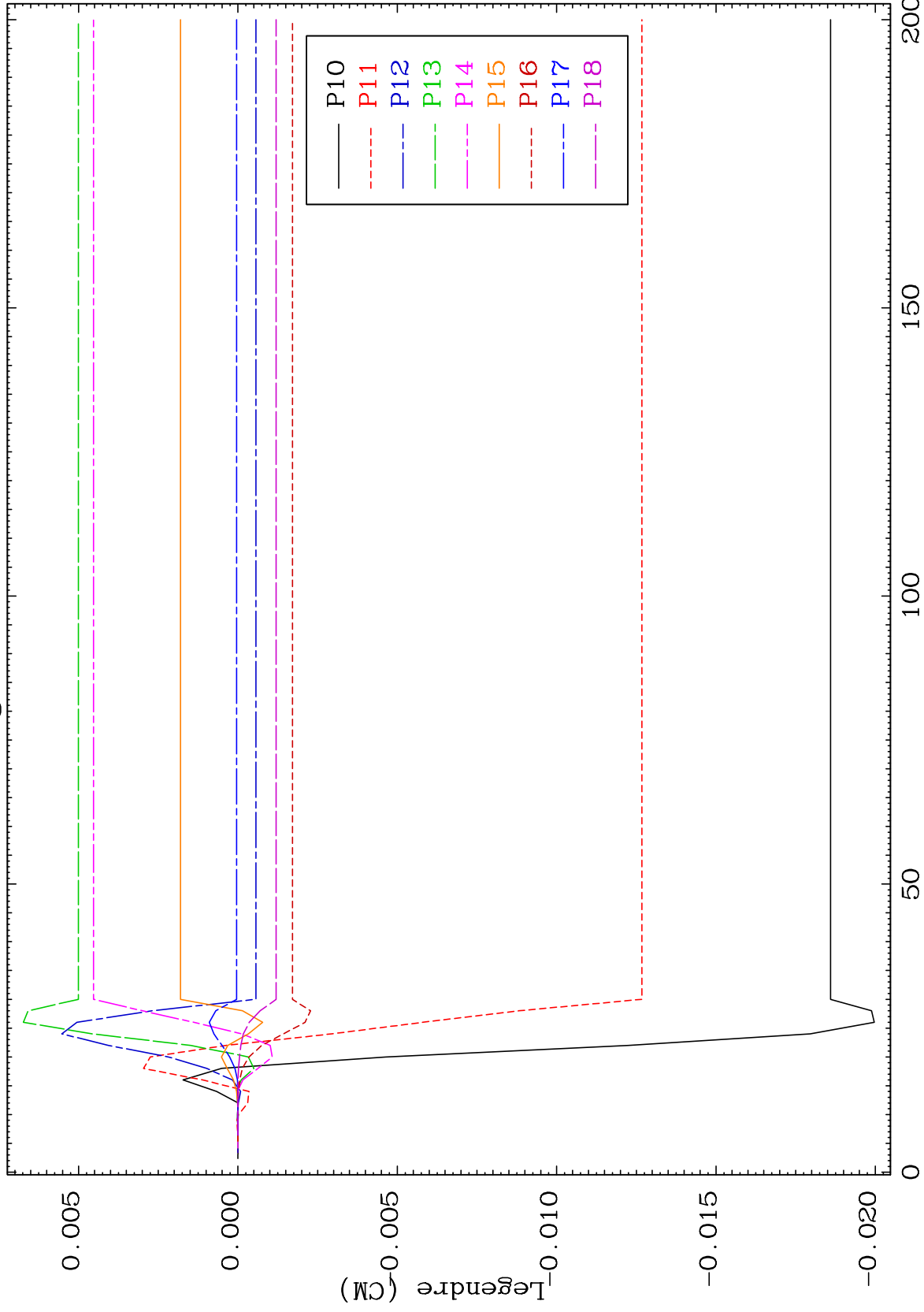
68

84-Po-198

MAT 8401

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

84-Po-198



69

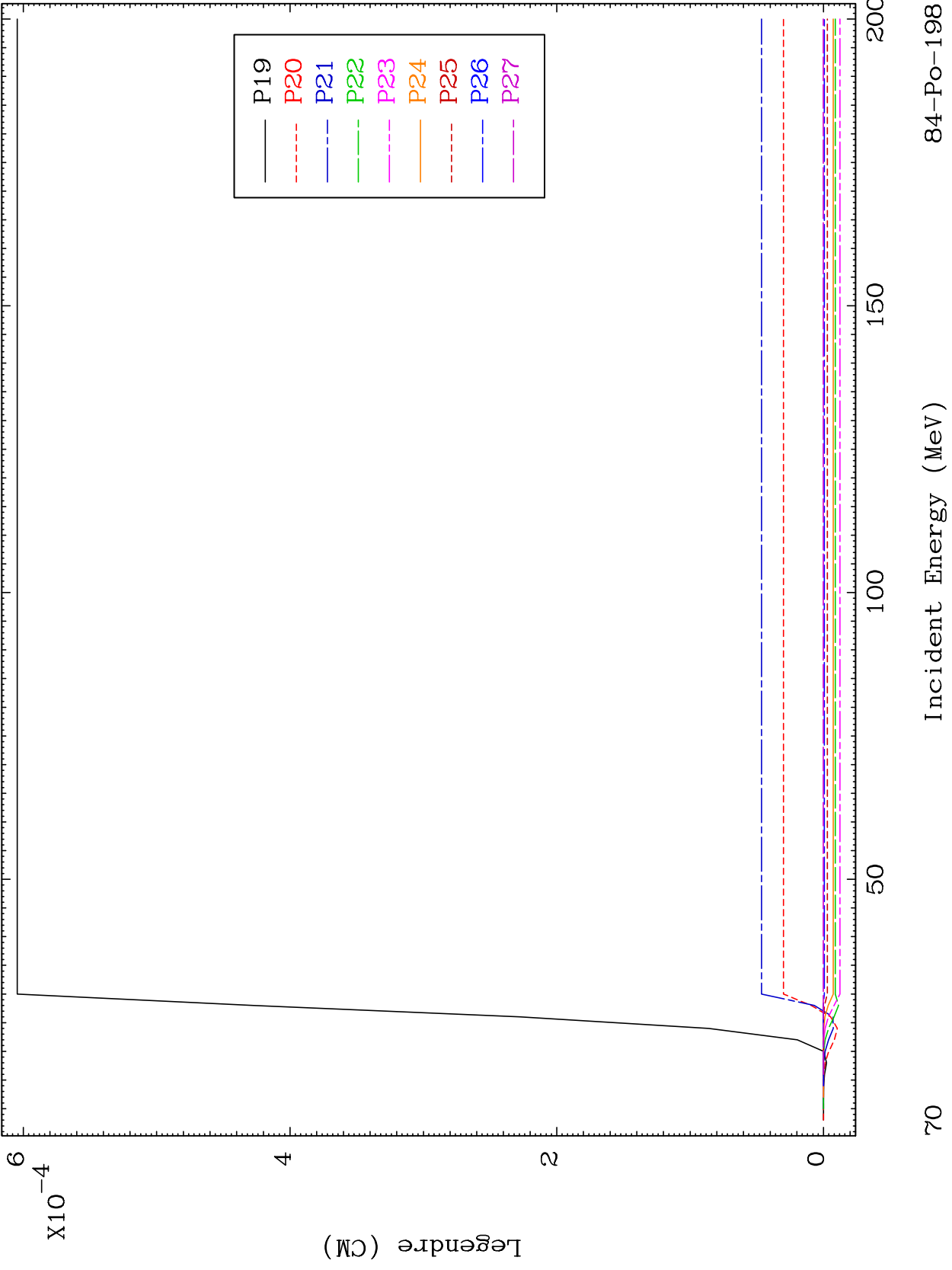
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



70

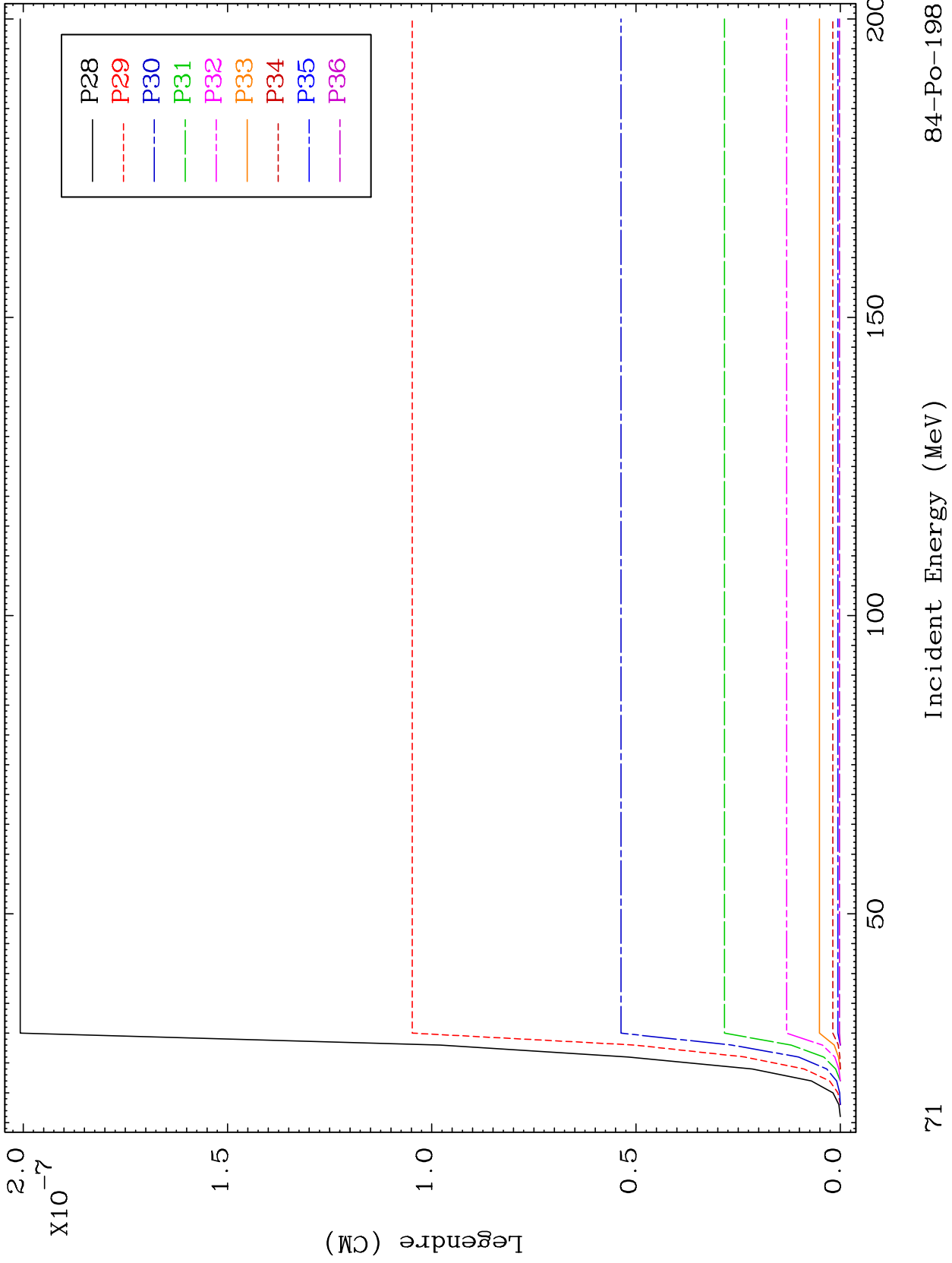
Incident Energy (MeV)

84-Po-198

MAT 8401

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

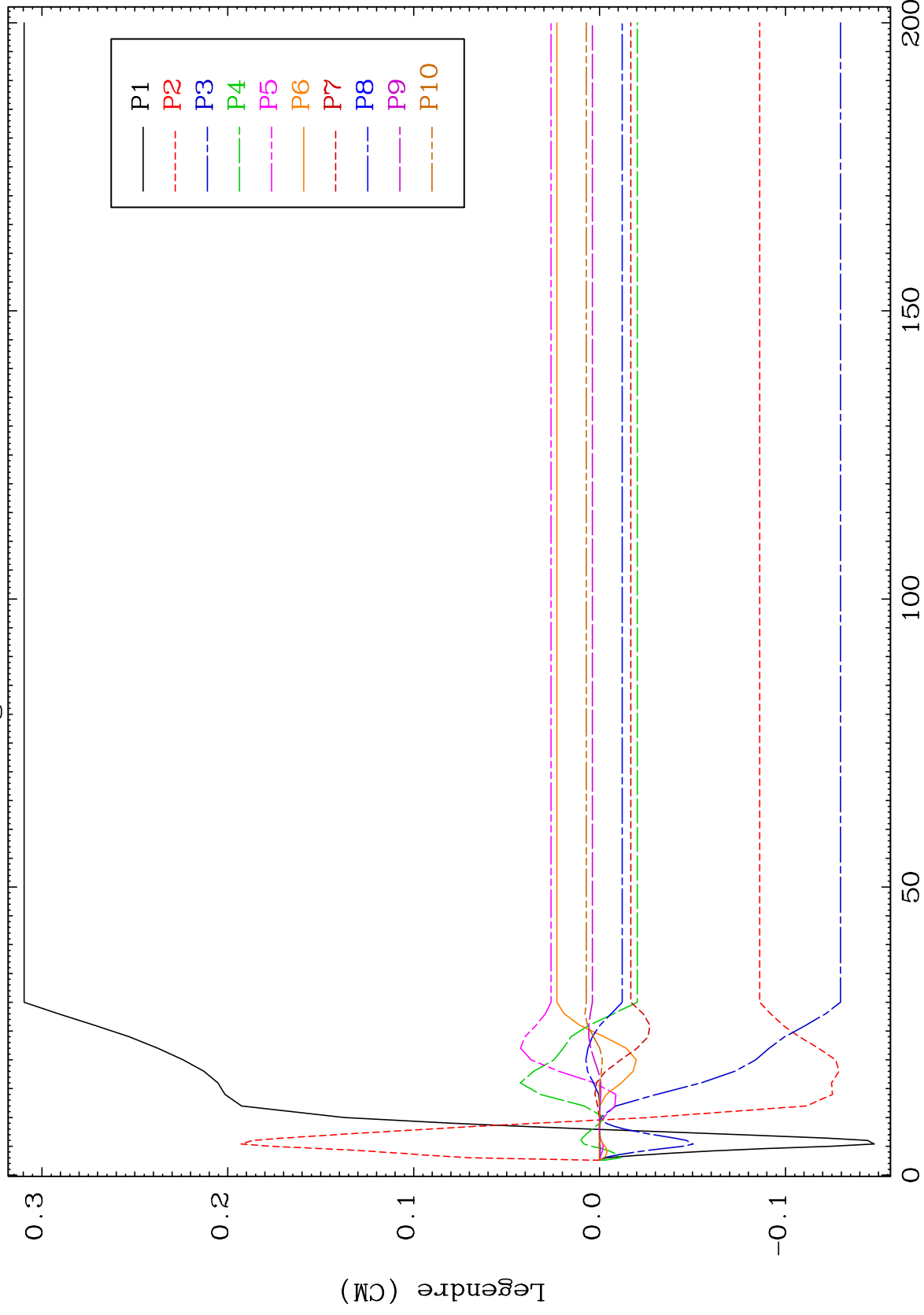
84-Po-198



MAT 8401

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

84-Po-198



72

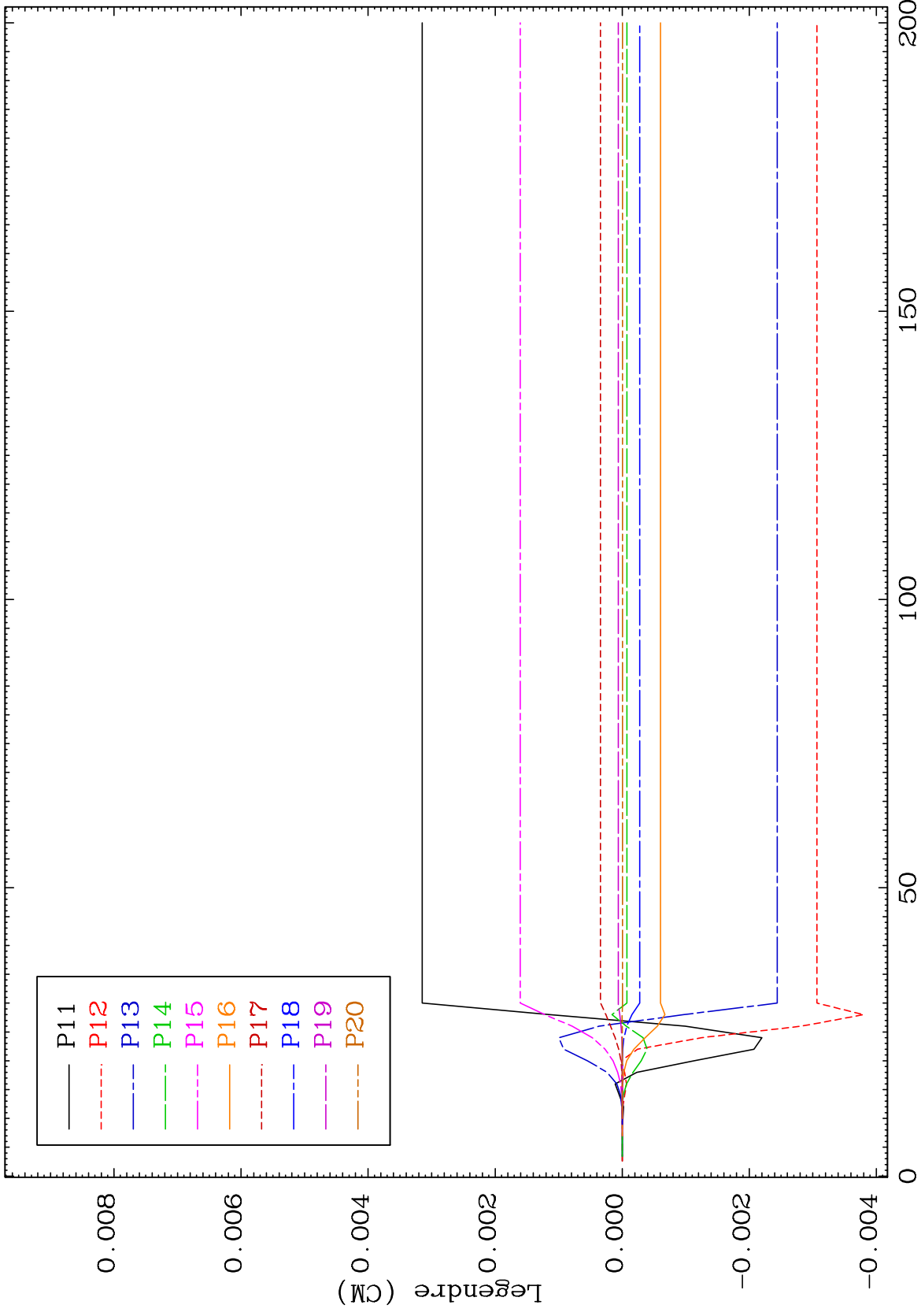
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



73

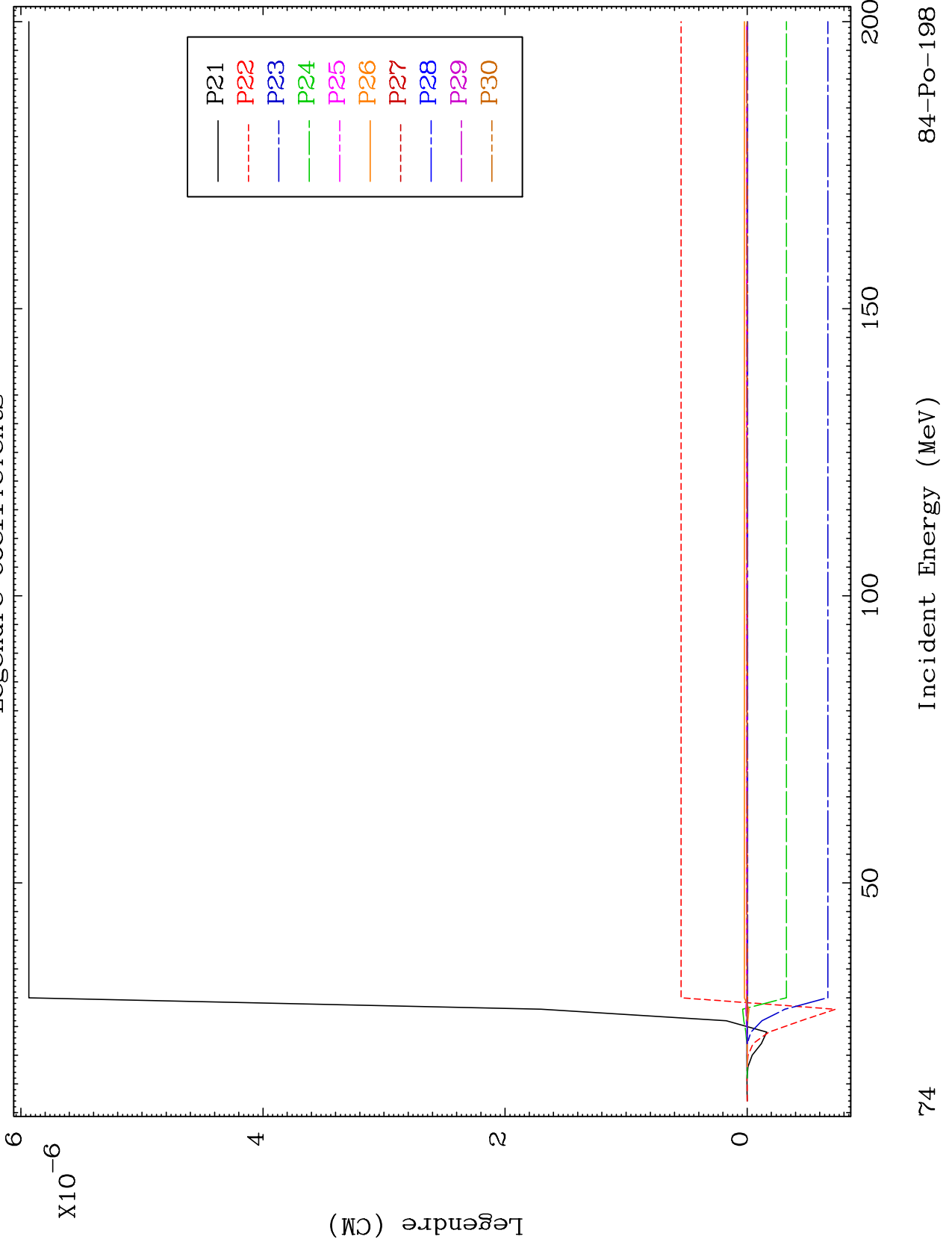
Incident Energy (MeV)

84-Po-198

MAT 8401

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

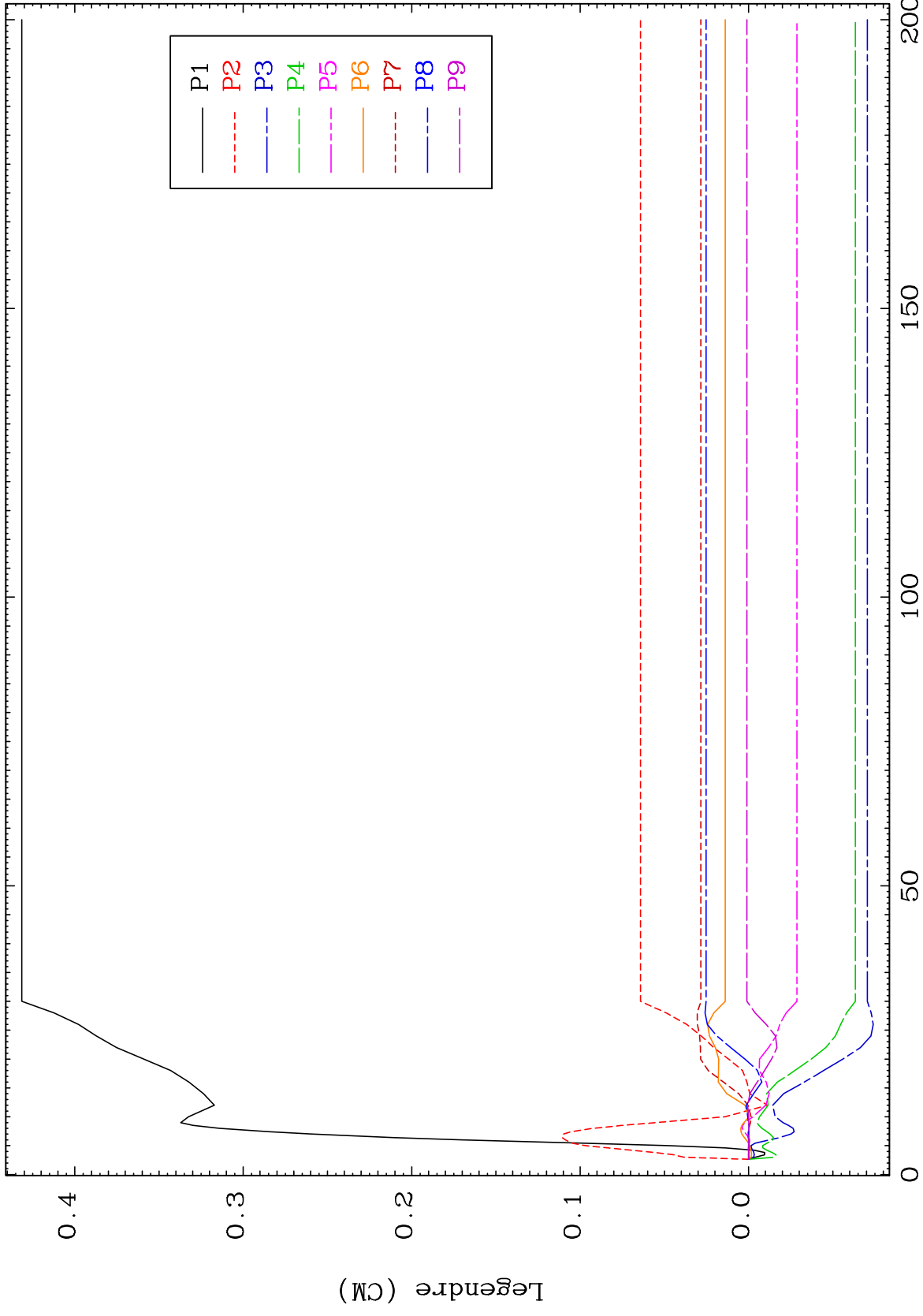
84-Po-198



MAT 8401

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

84-Po-198



75

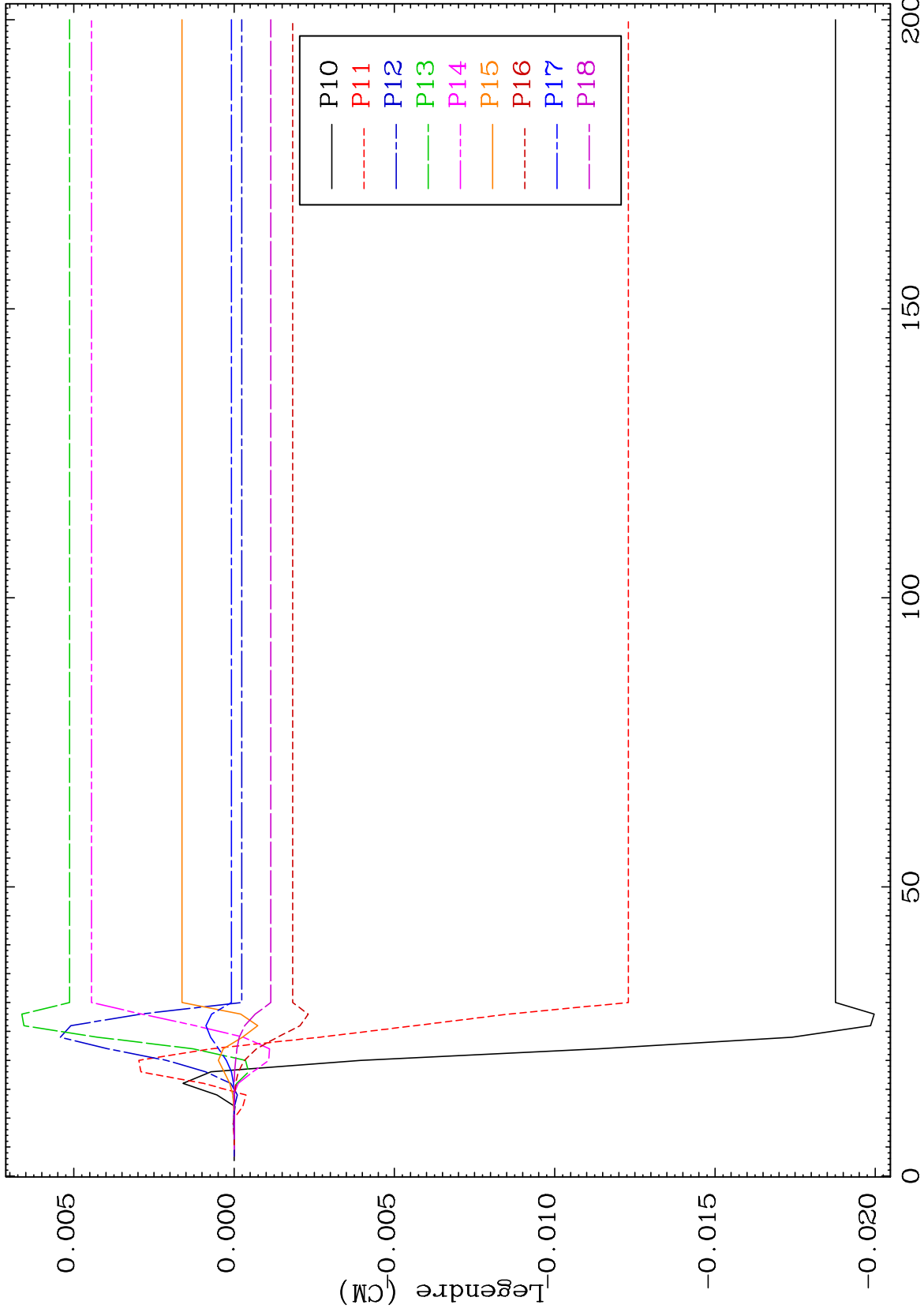
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



76

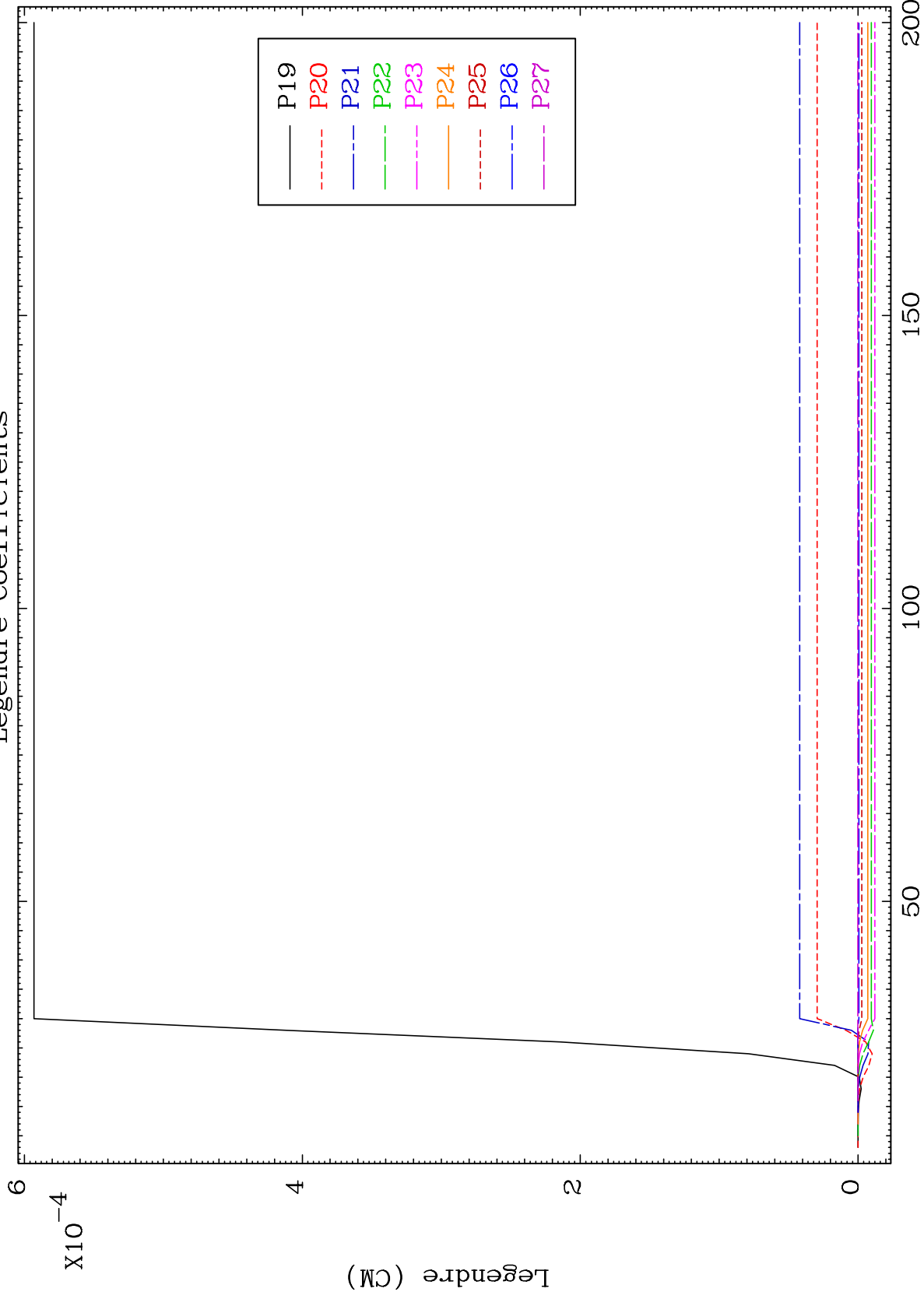
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



77

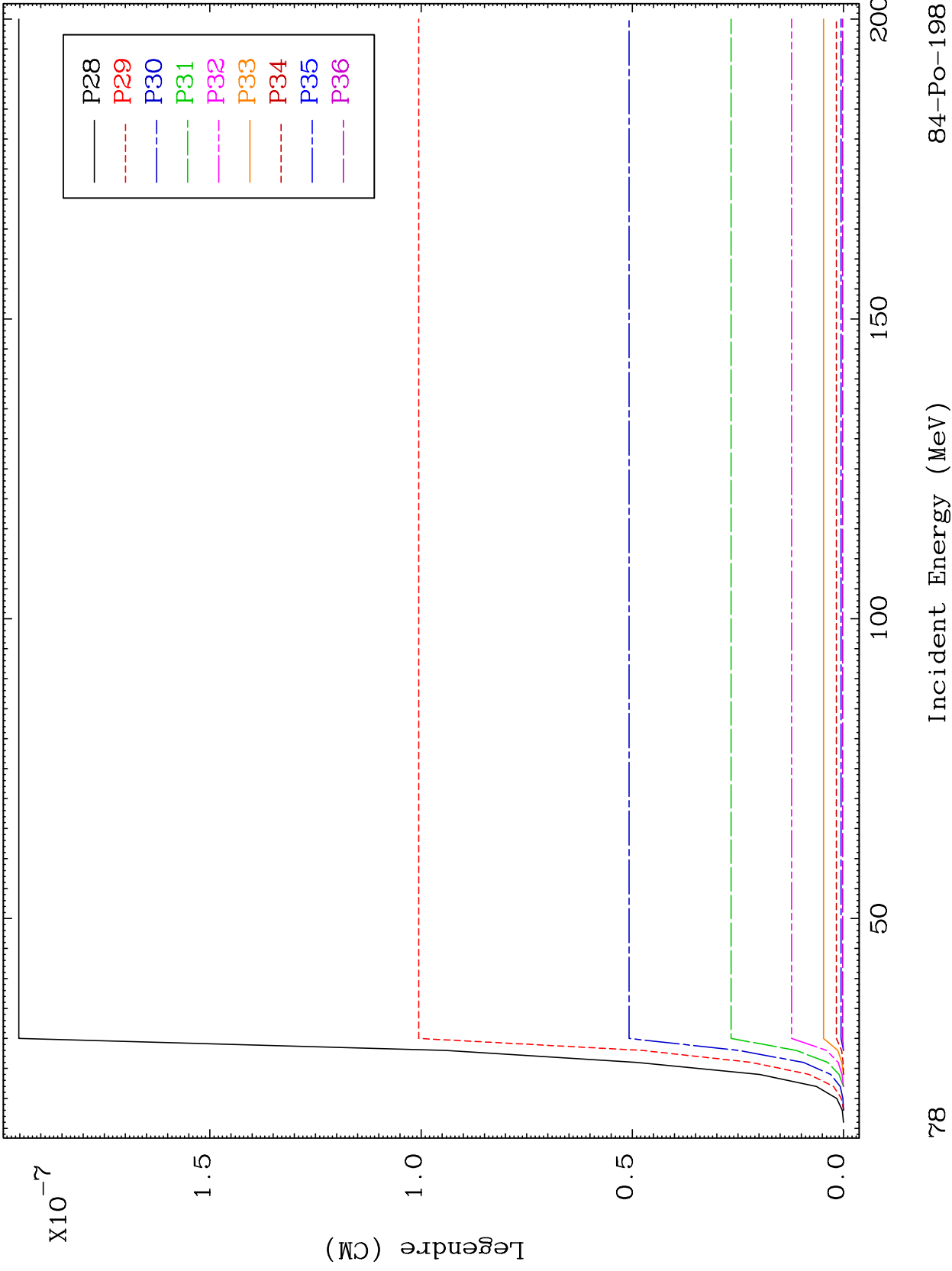
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



78

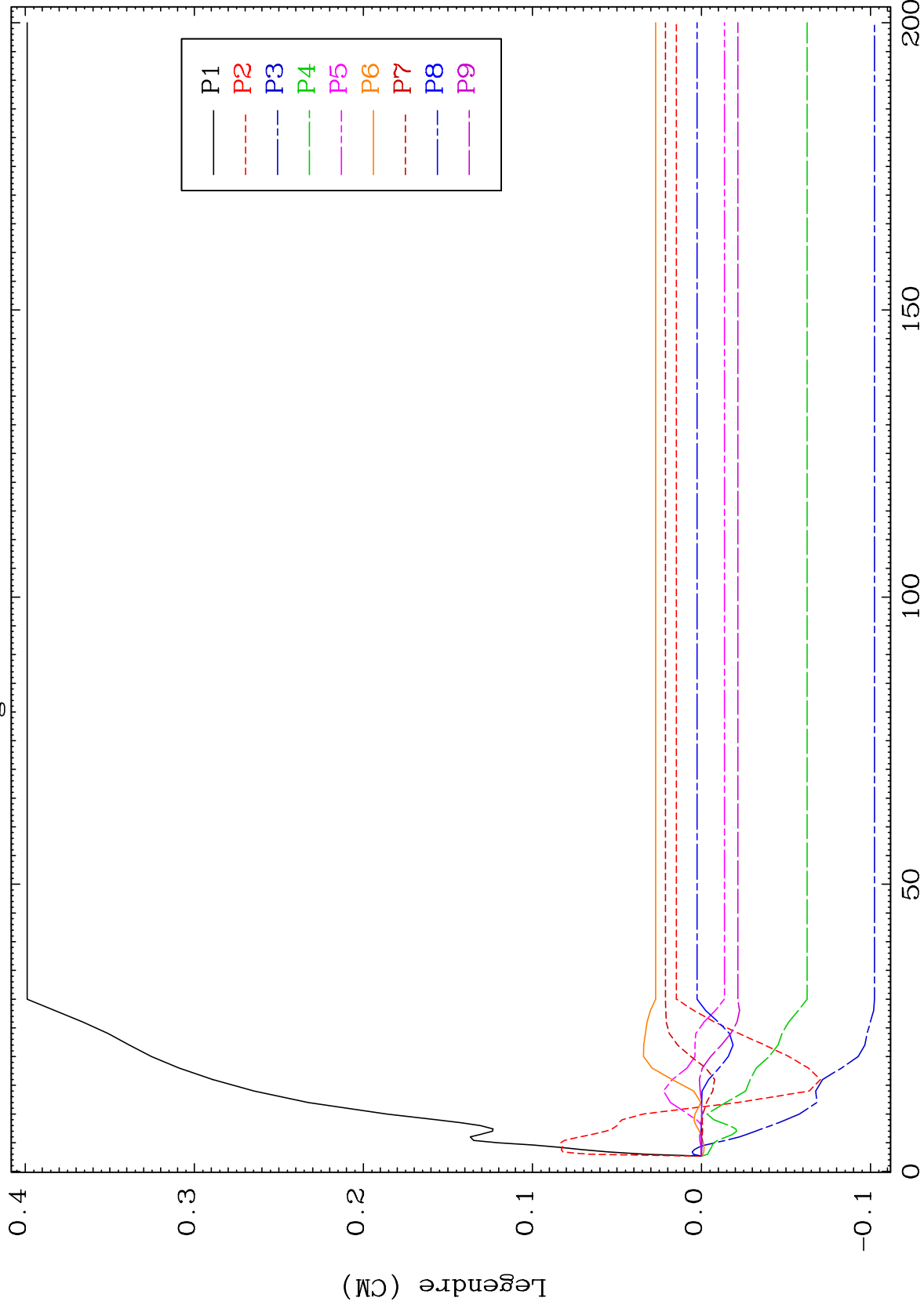
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



79

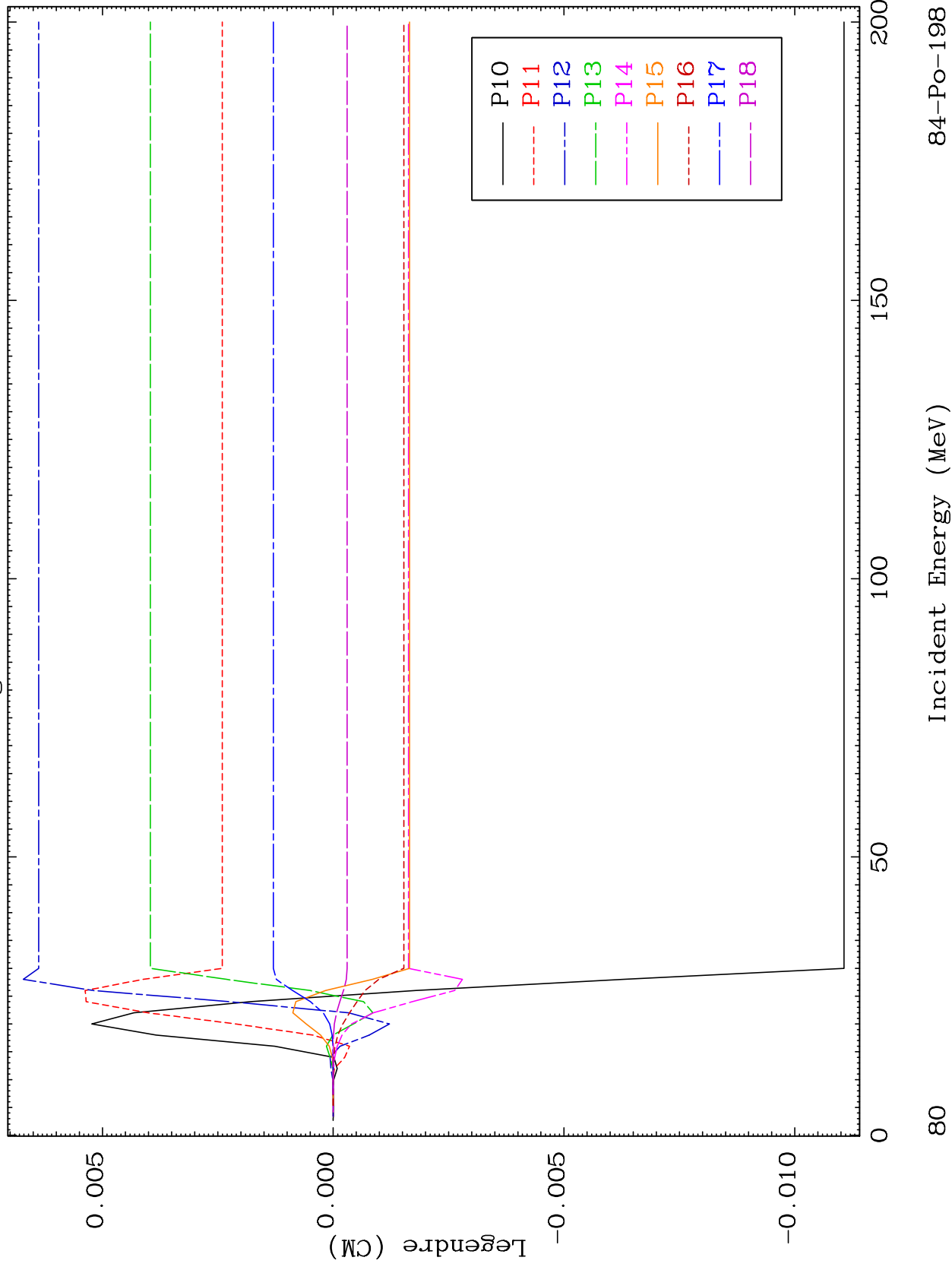
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



84-Po-198

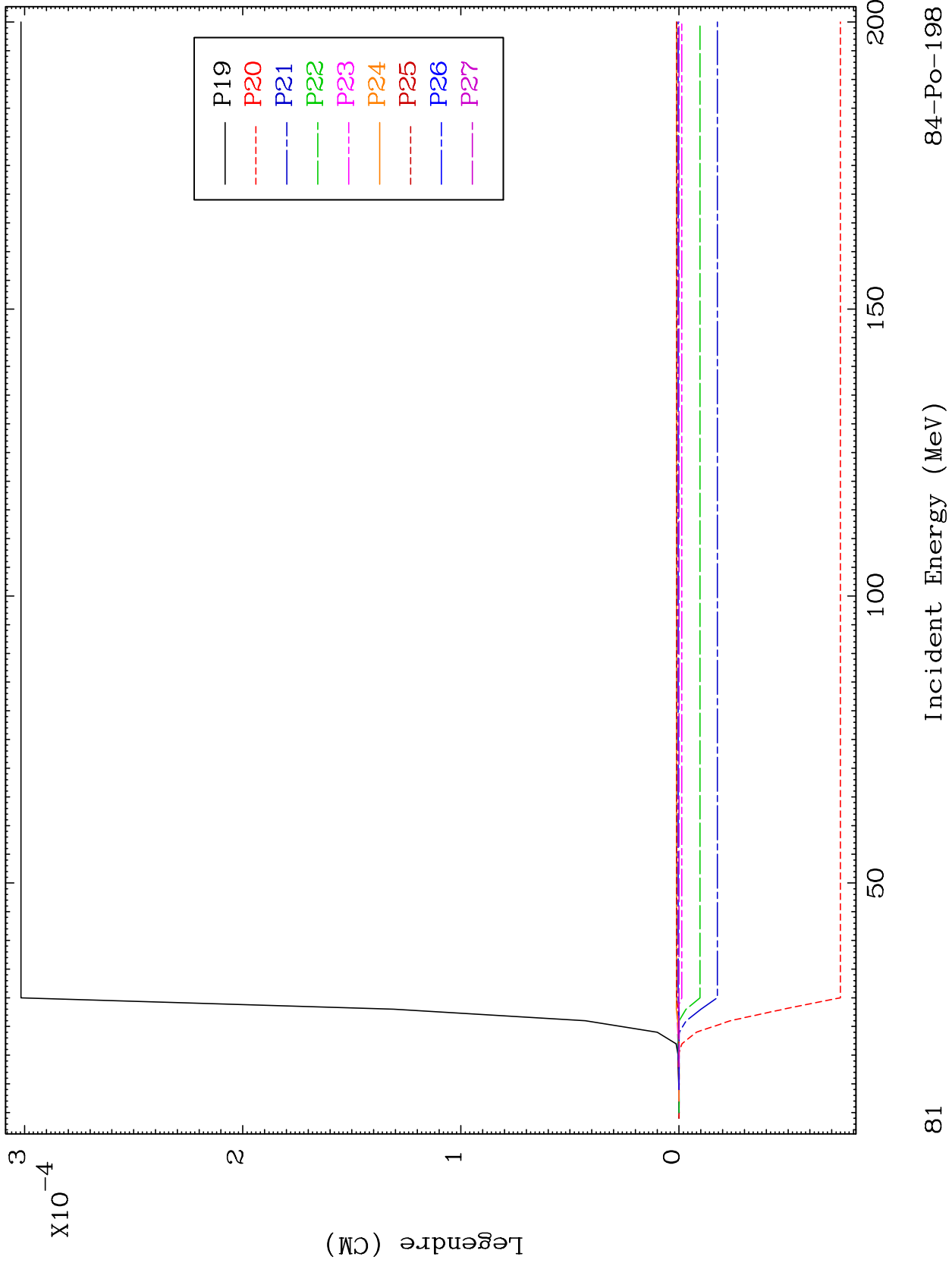
Incident Energy (MeV)

80

MAT 8401

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

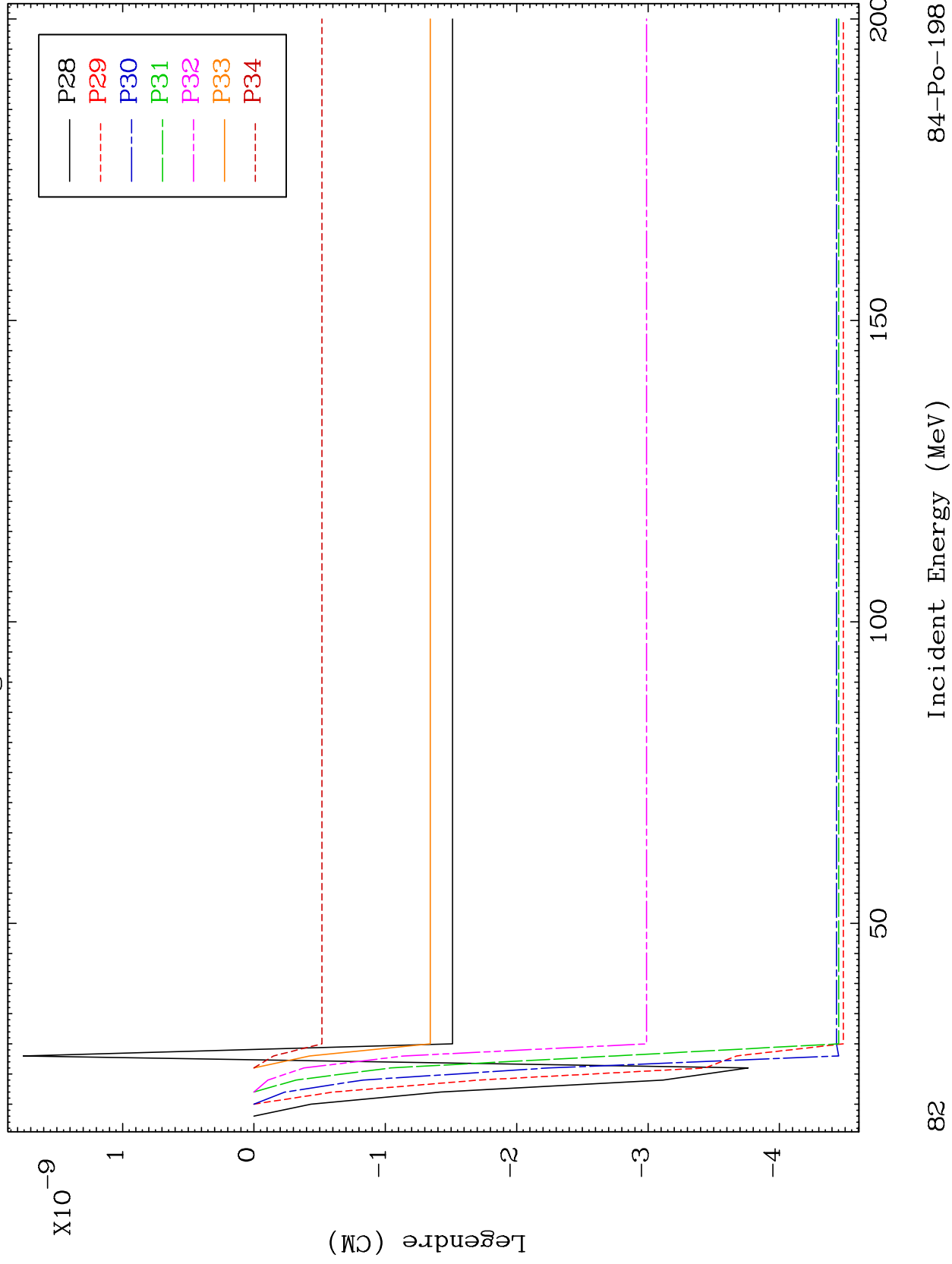
84-Po-198



MAT 8401

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

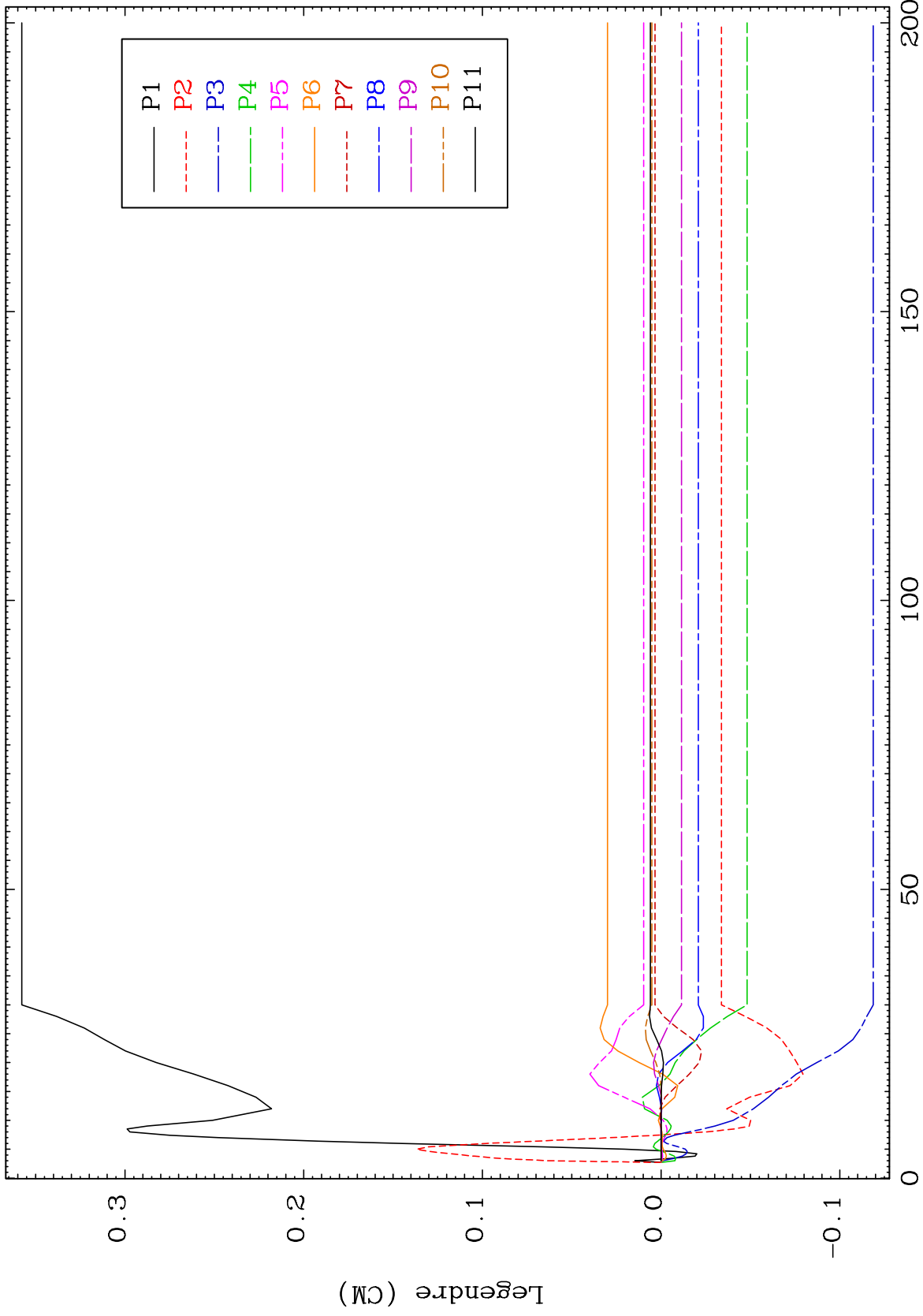
84-Po-198



82

Incident Energy (MeV)

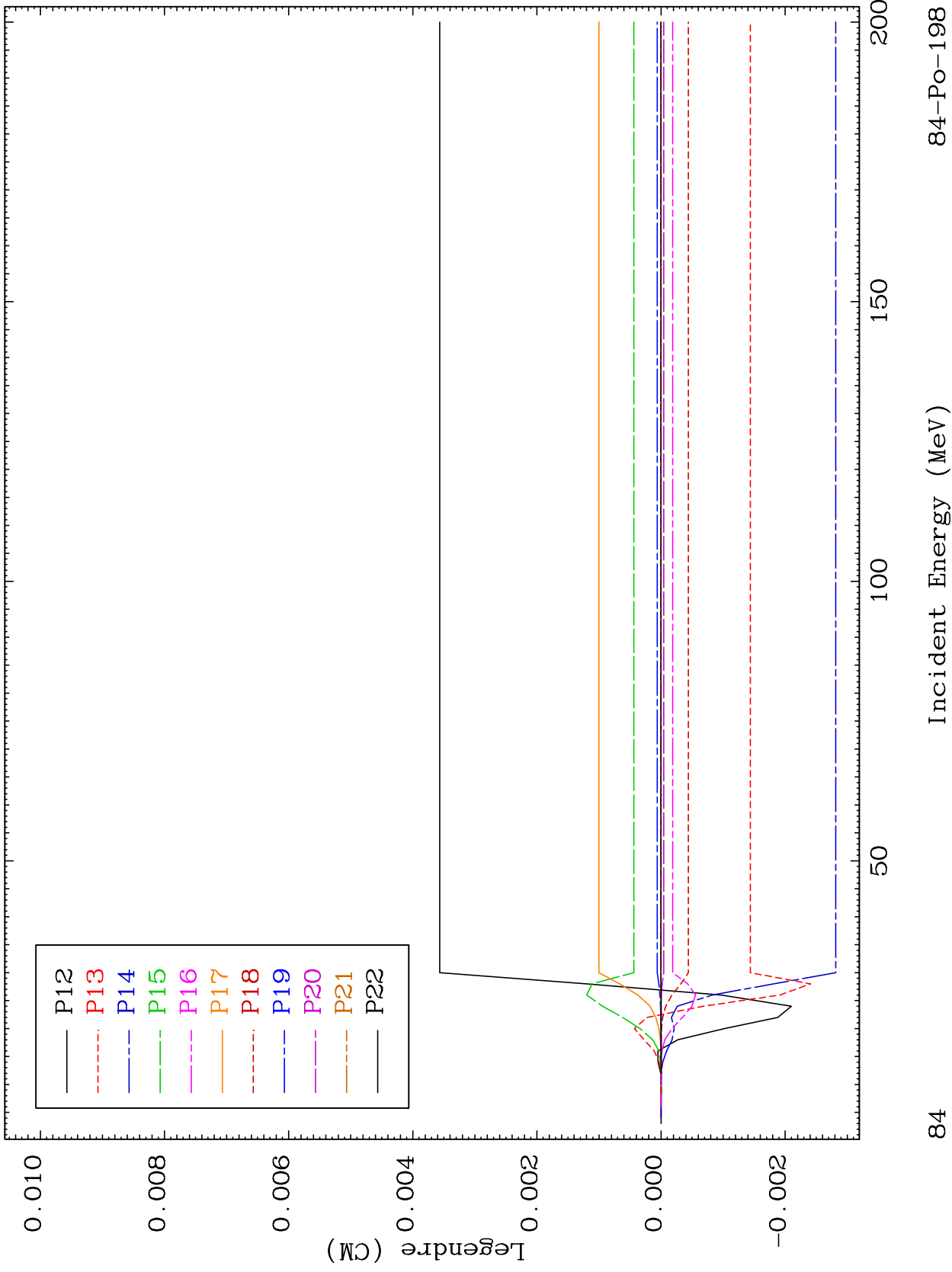
84-Po-198



MAT 8401

MT= 67 (n,n') Level
Legendre Coefficients

84-Po-198



84

Incident Energy (MeV)

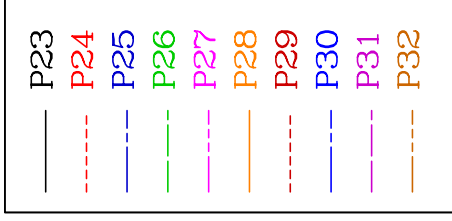
84-Po-198

MAT 8401

MT= 67 (n,n') Level
Legendre Coefficients

84-Po-198

$\times 10^{-6}$

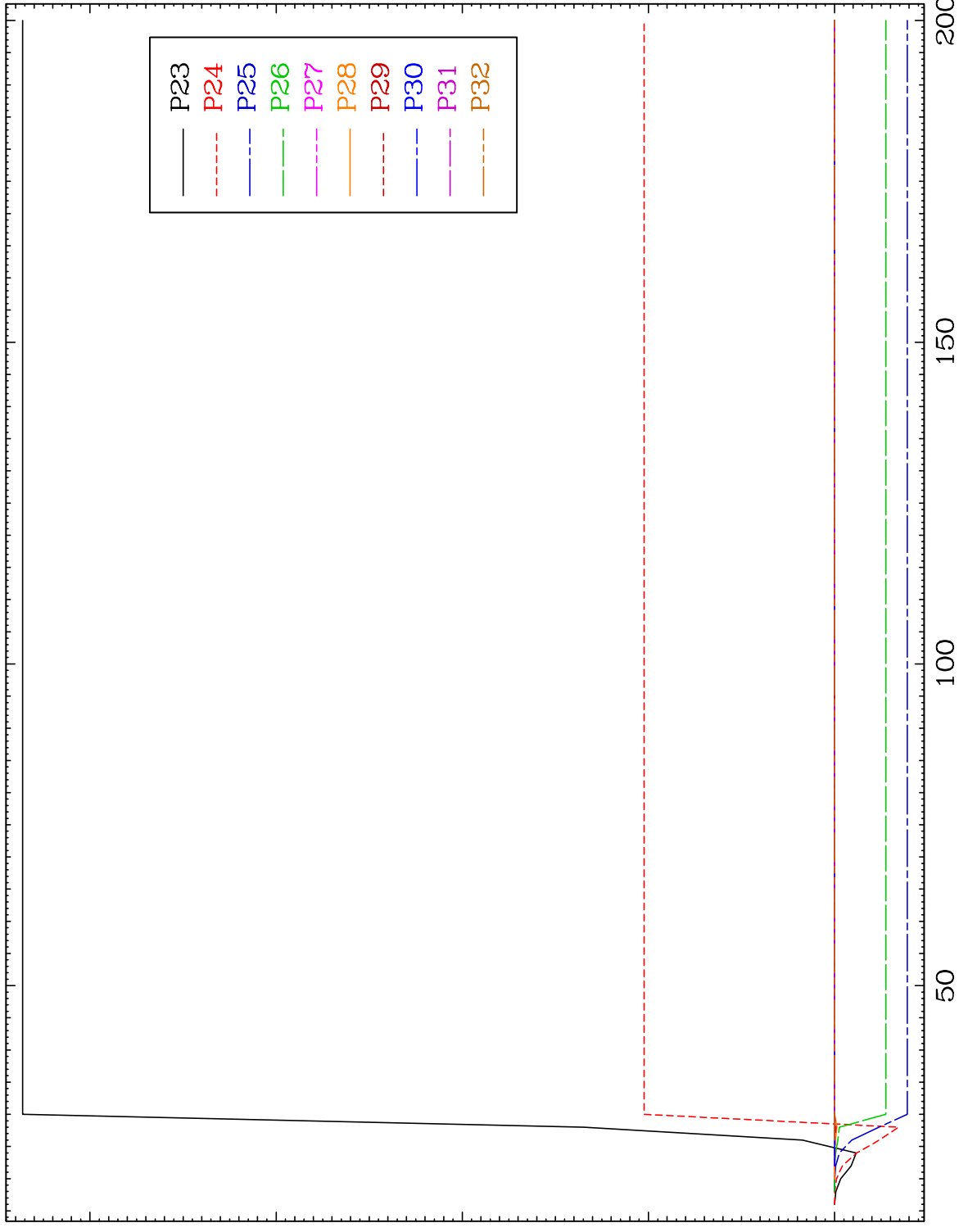


Legendre (CM)

85

Incident Energy (MeV)

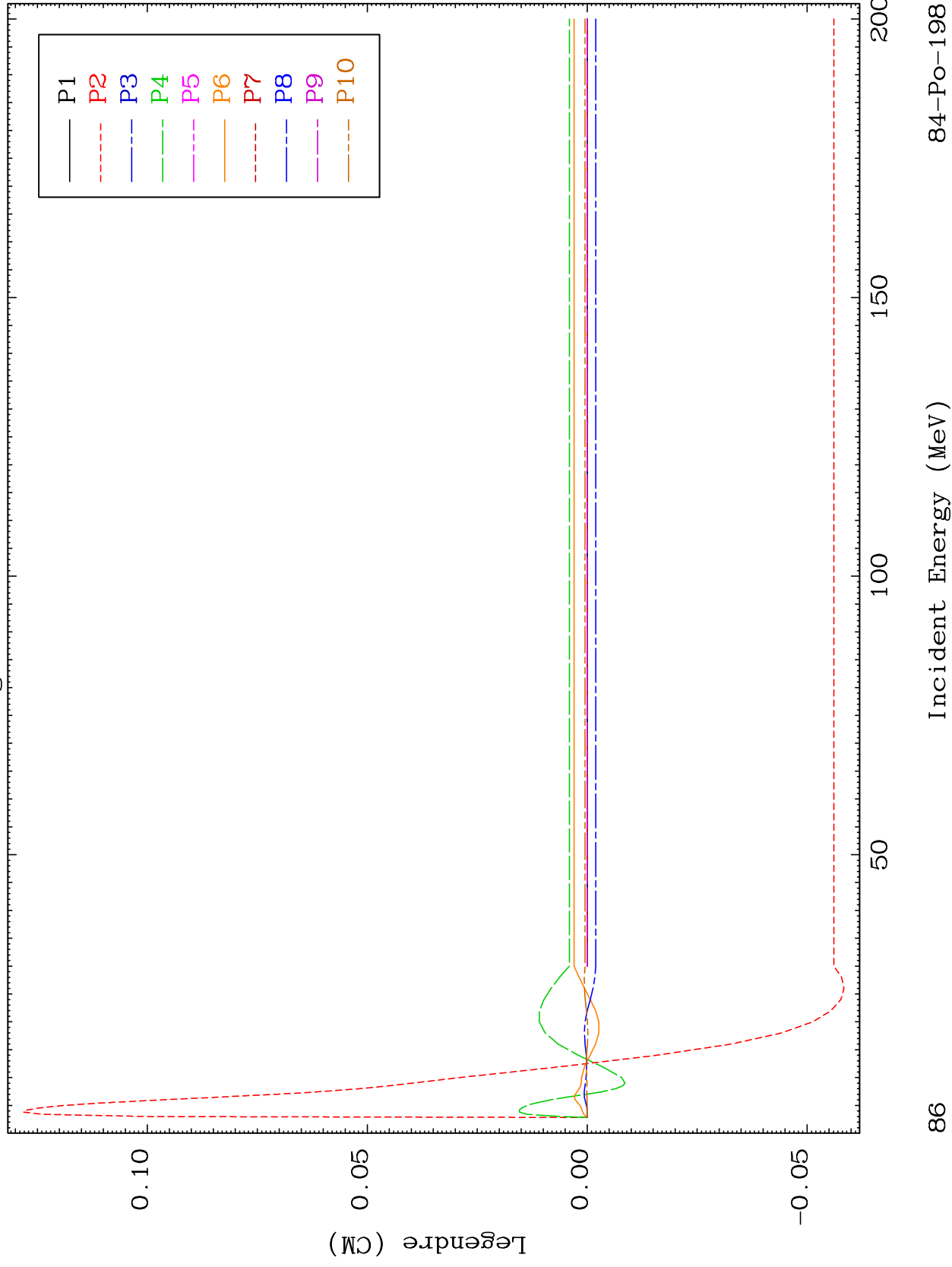
84-Po-198



MAT 8401

MT= 68 (n,n') Level
Legendre Coefficients

84-Po-198



86

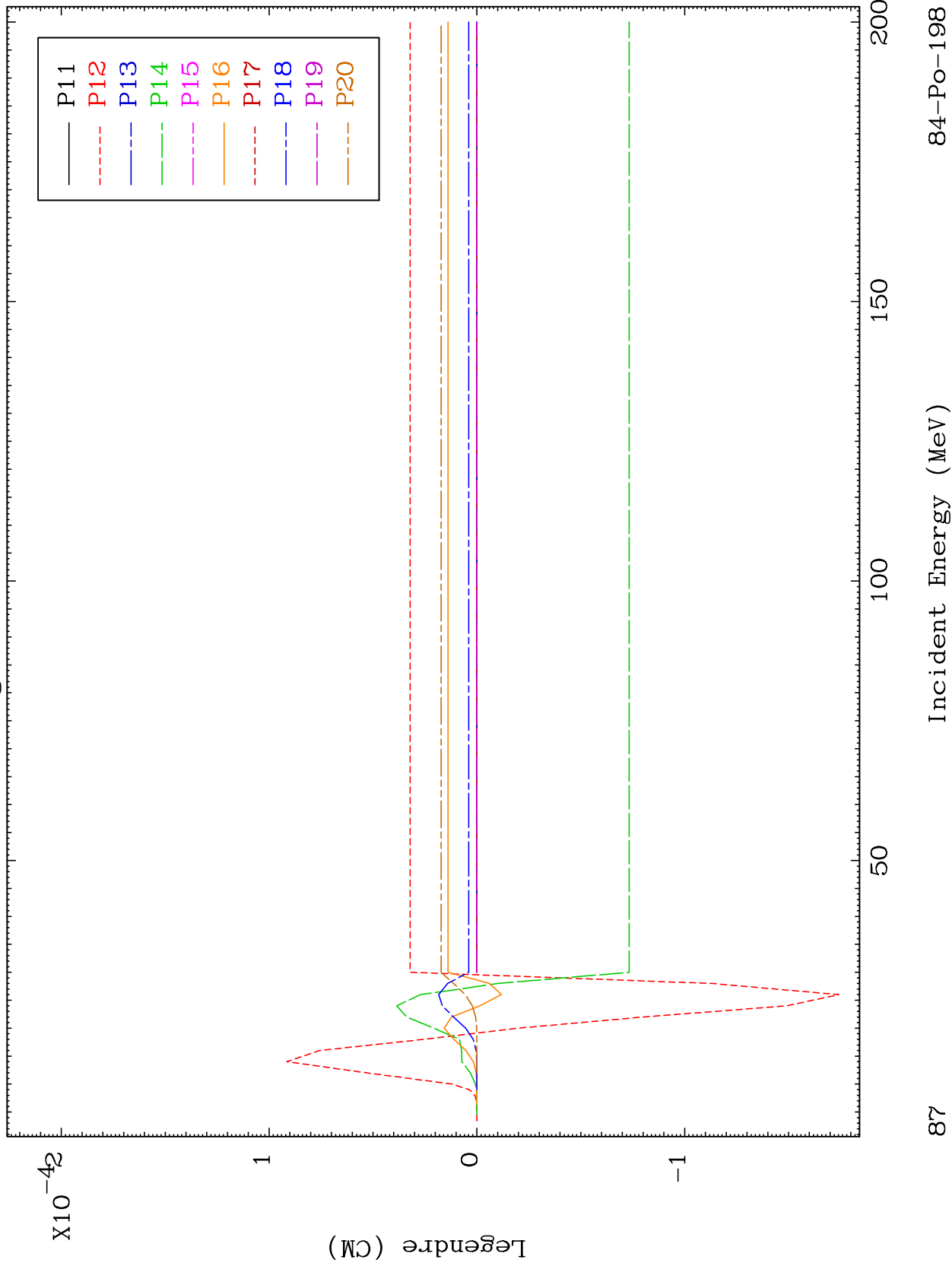
Incident Energy (MeV)

84-Po-198

MAT 8401

MT= 68 (n,n') Level
Legendre Coefficients

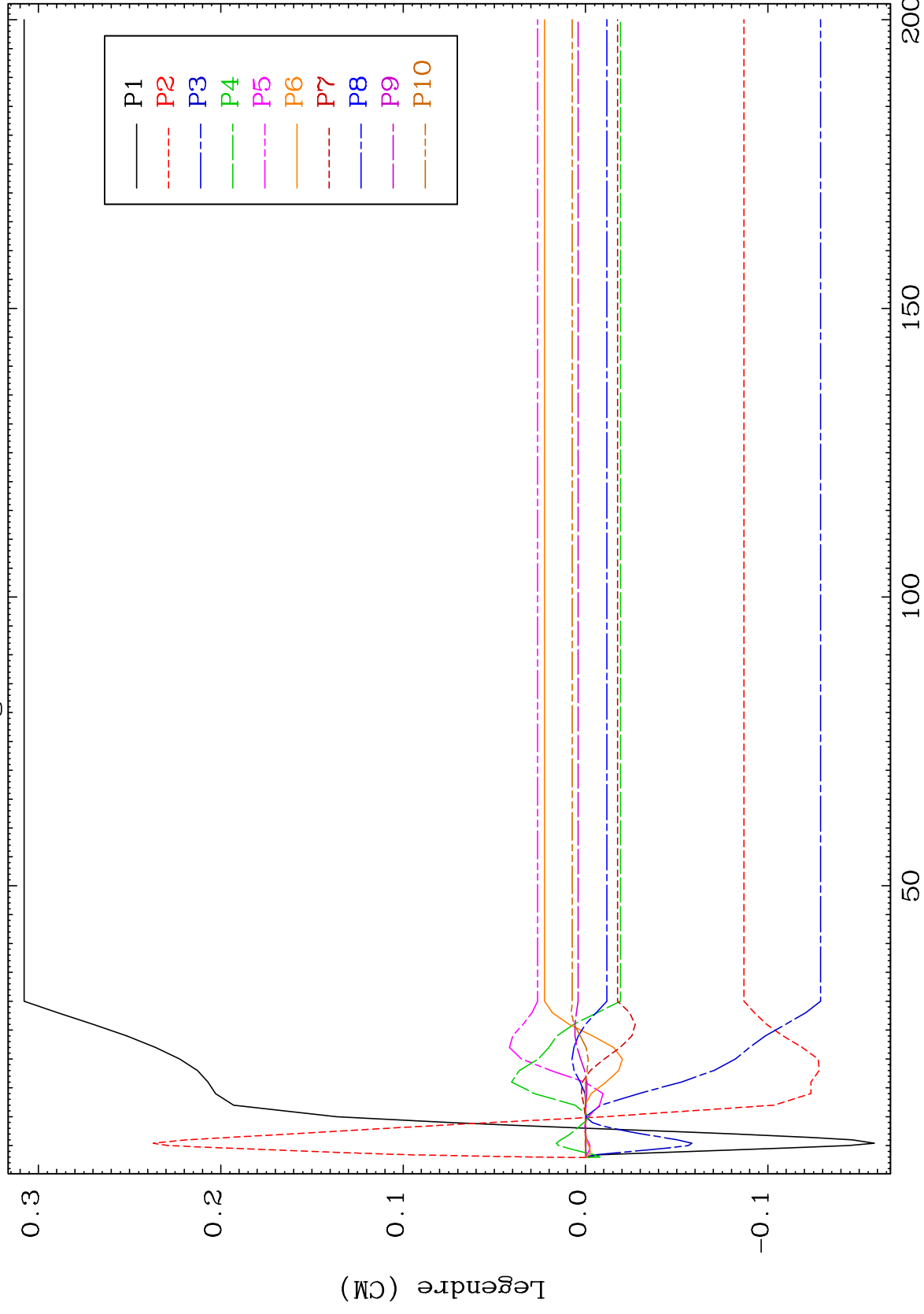
84-Po-198



87

Incident Energy (MeV)

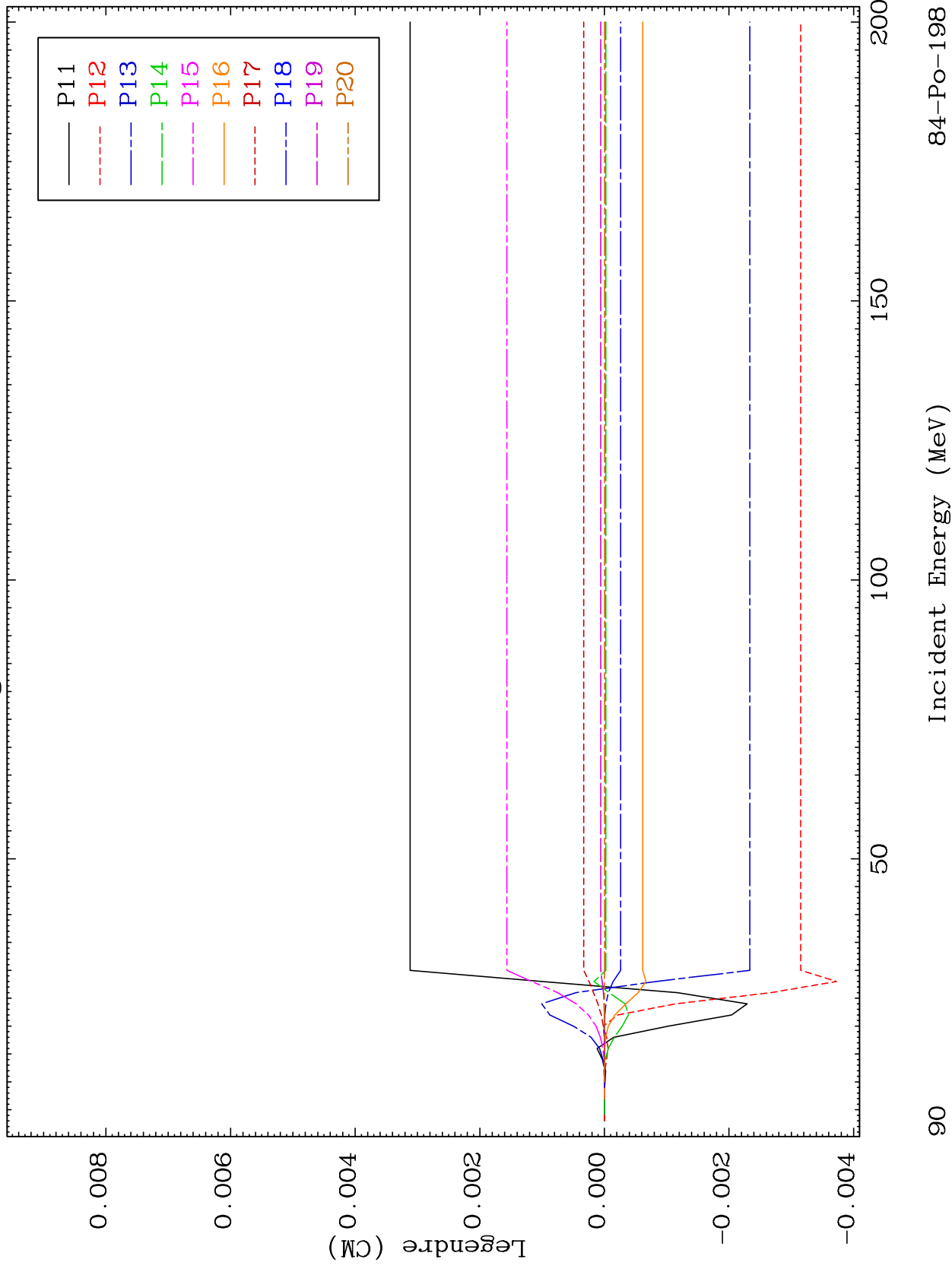
84-Po-198



MAT 8401

MT= 69 (n,n') Level
Legendre Coefficients

84-Po-198



84-Po-198

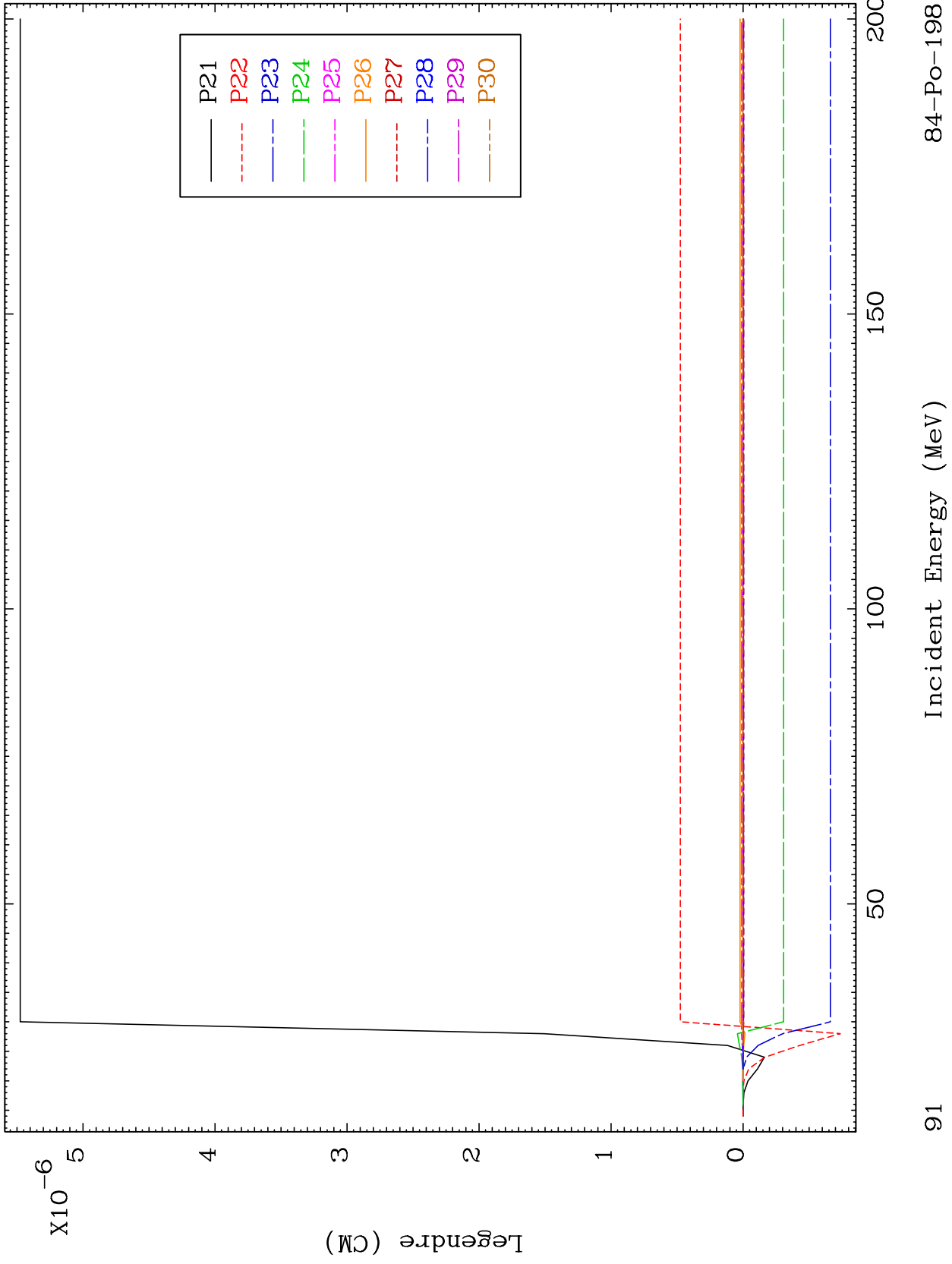
Incident Energy (MeV)

90

MAT 8401

MT= 69 (n,n') Level
Legendre Coefficients

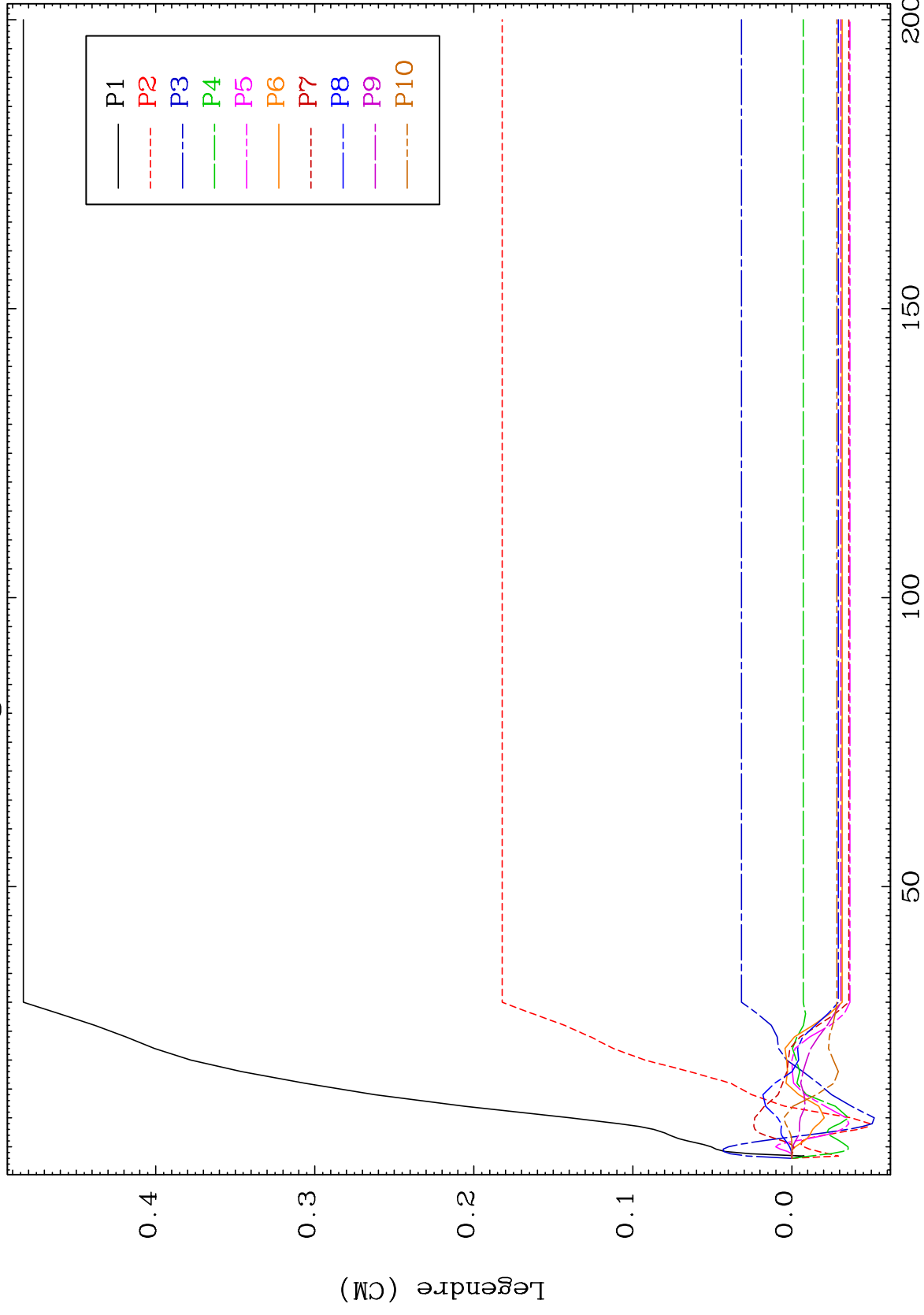
84-Po-198



MAT 8401

MT= 70 (n,n') Level
Legendre Coefficients

84-Po-198



92

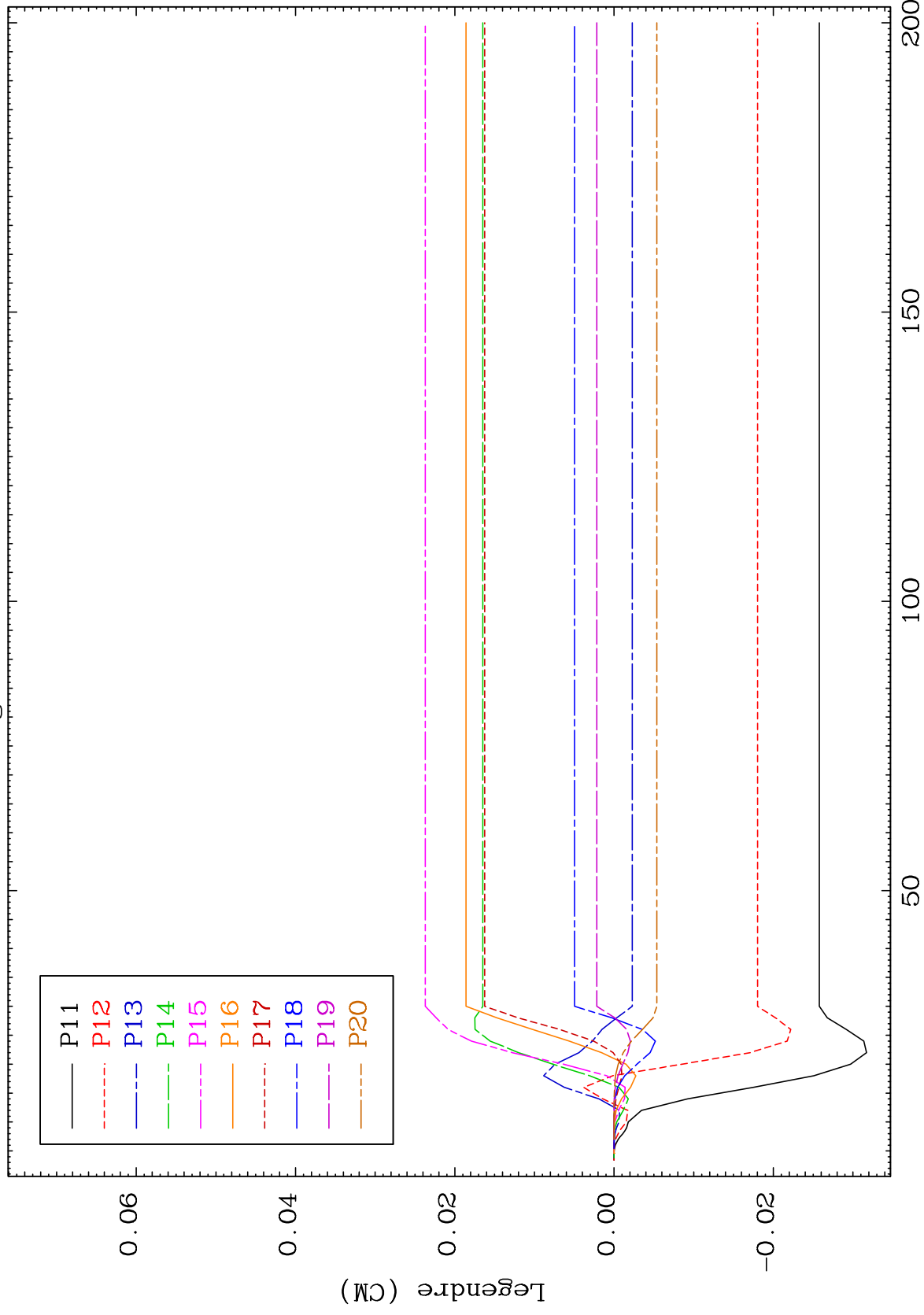
Incident Energy (MeV)

84-Po-198

MAT 8401

MT= 70 (n,n') Level
Legendre Coefficients

84-Po-198



93

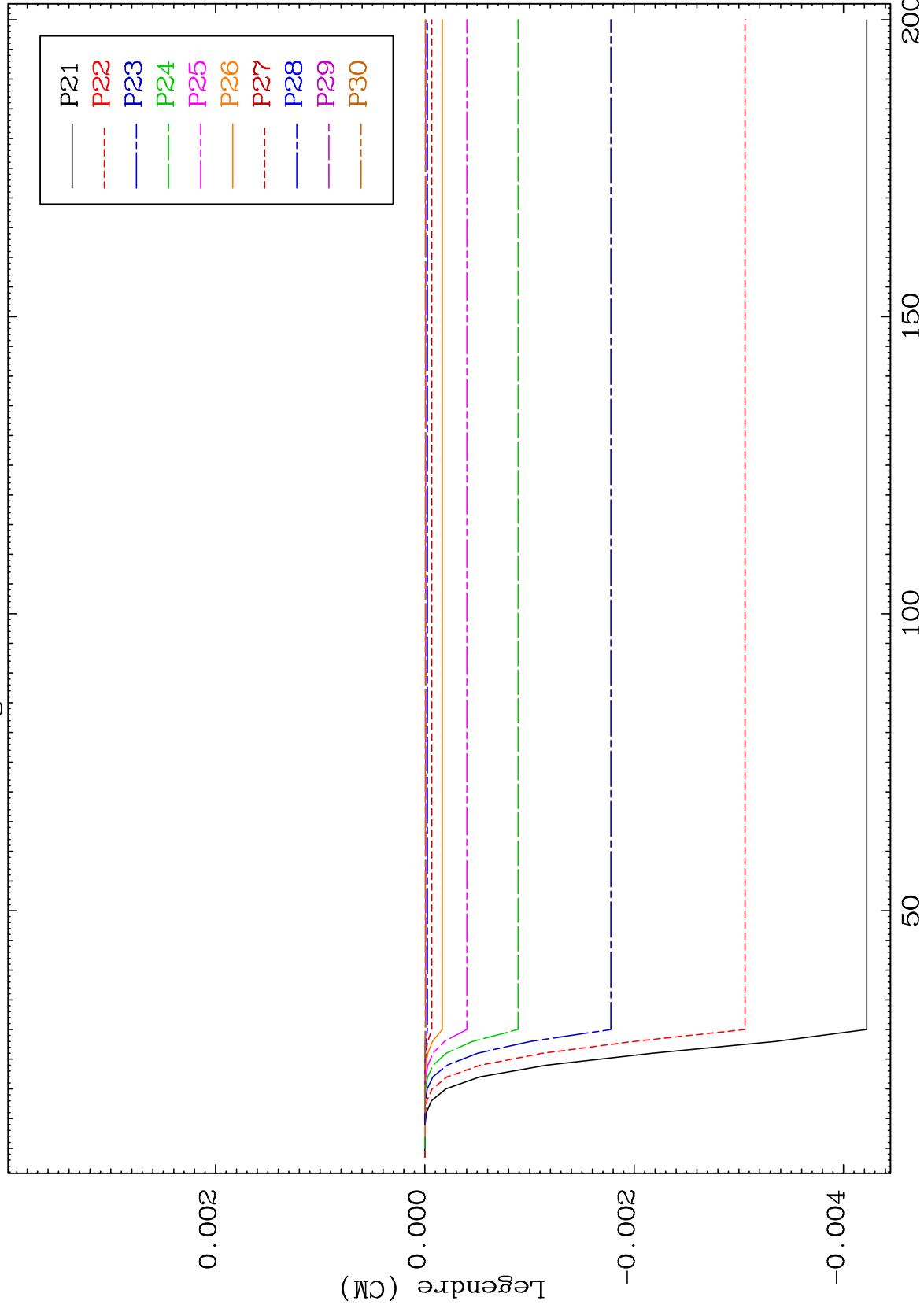
Incident Energy (MeV)

84-Po-198

MAT 8401

MT= 70 (n,n') Level
Legendre Coefficients

84-Po-198



94

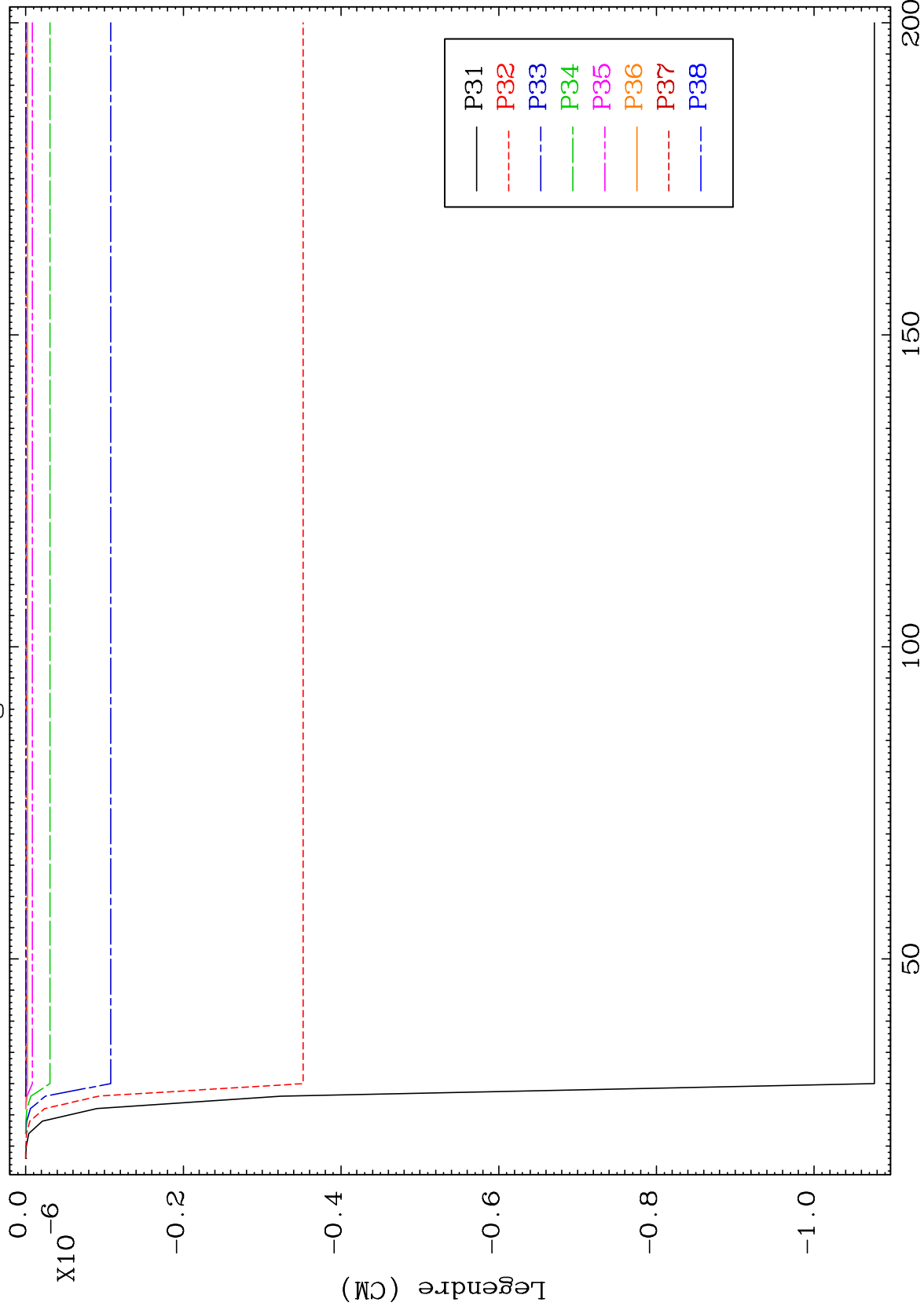
Incident Energy (MeV)

84-Po-198

MAT 8401

MT= 70 (n,n') Level
Legendre Coefficients

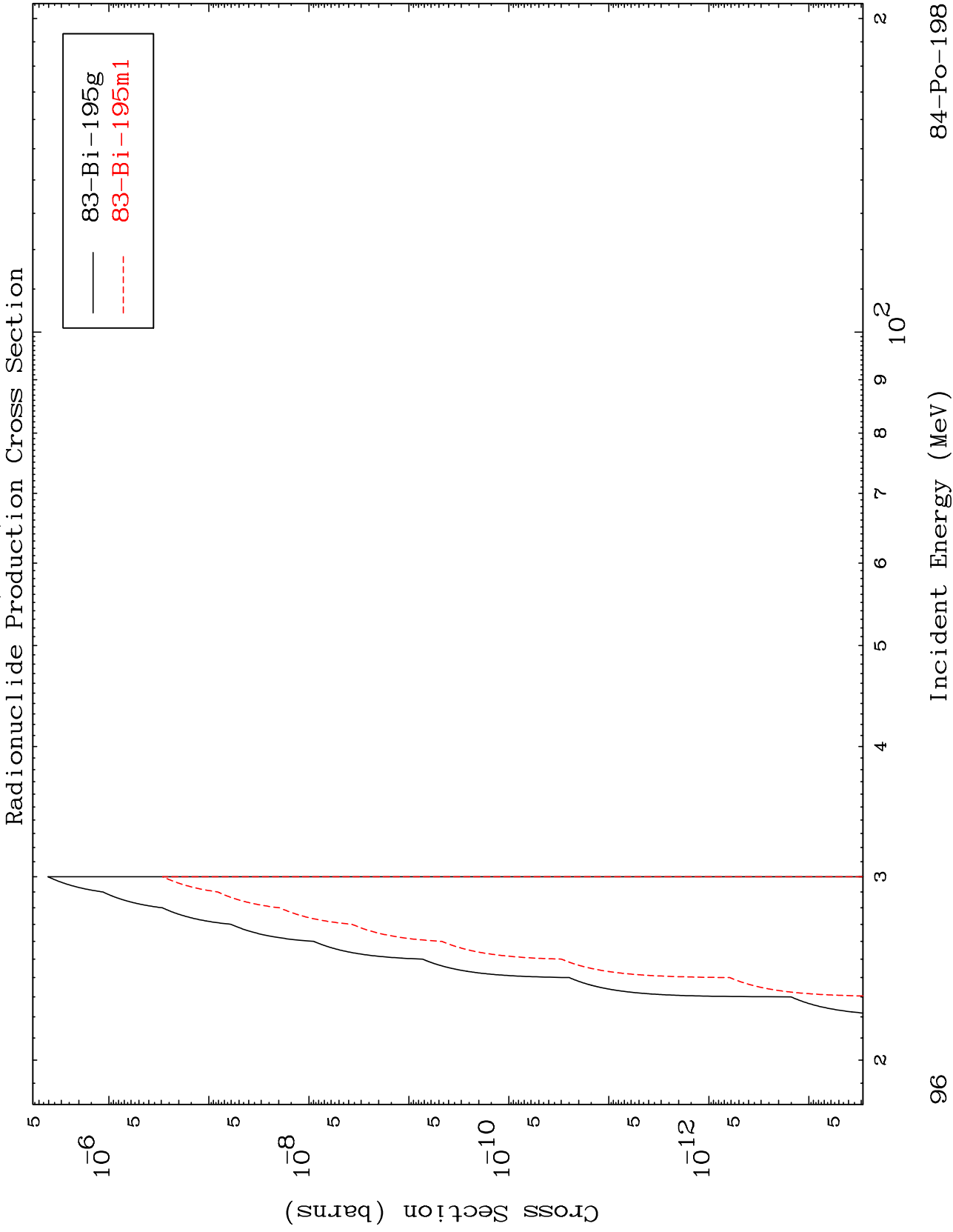
84-Po-198



84-Po-198

Incident Energy (MeV)

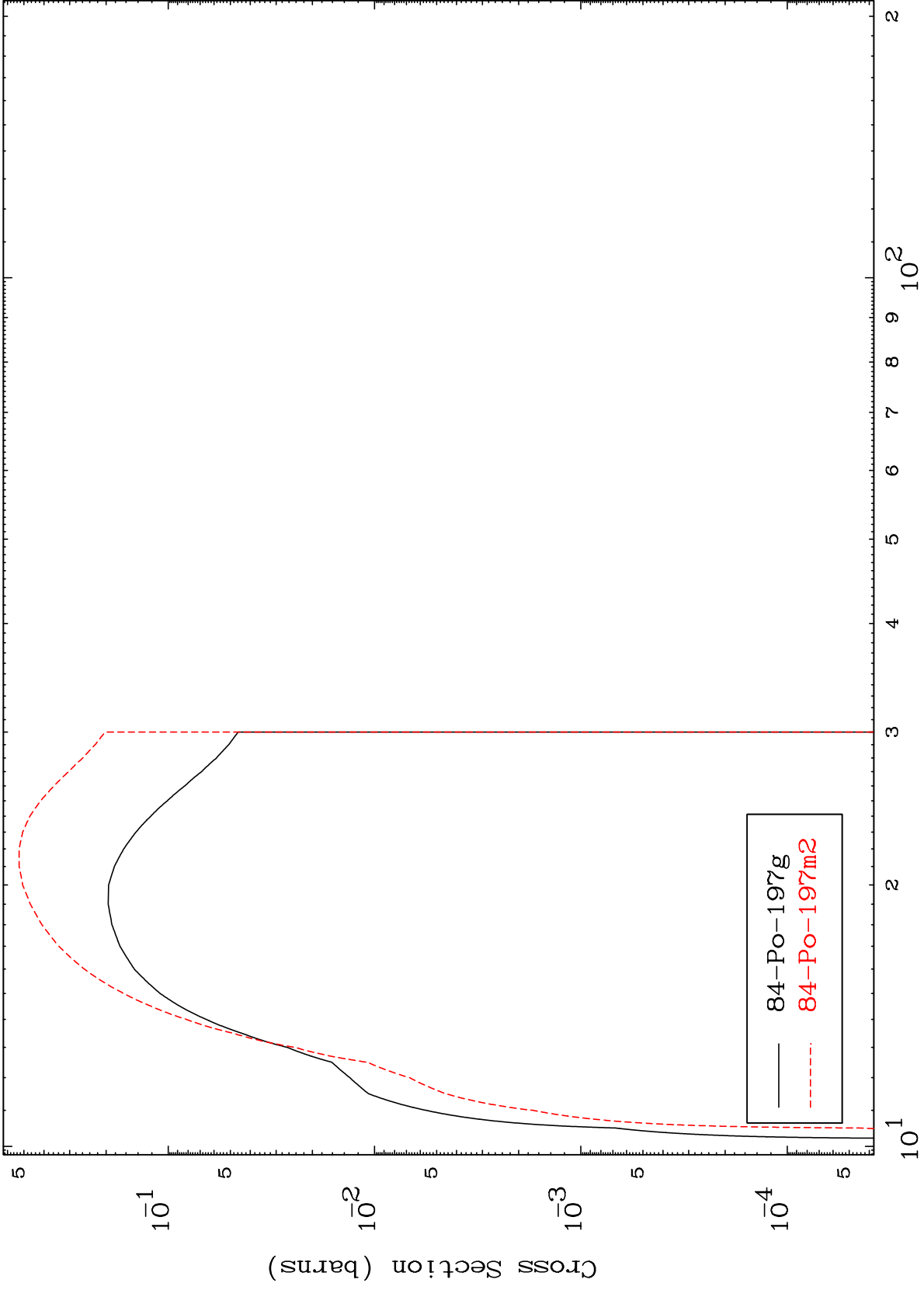
95



MAT 8401

84-Po-198

(n,2n)
Radionuclide Production Cross Section



84-Po-198

Incident Energy (MeV)

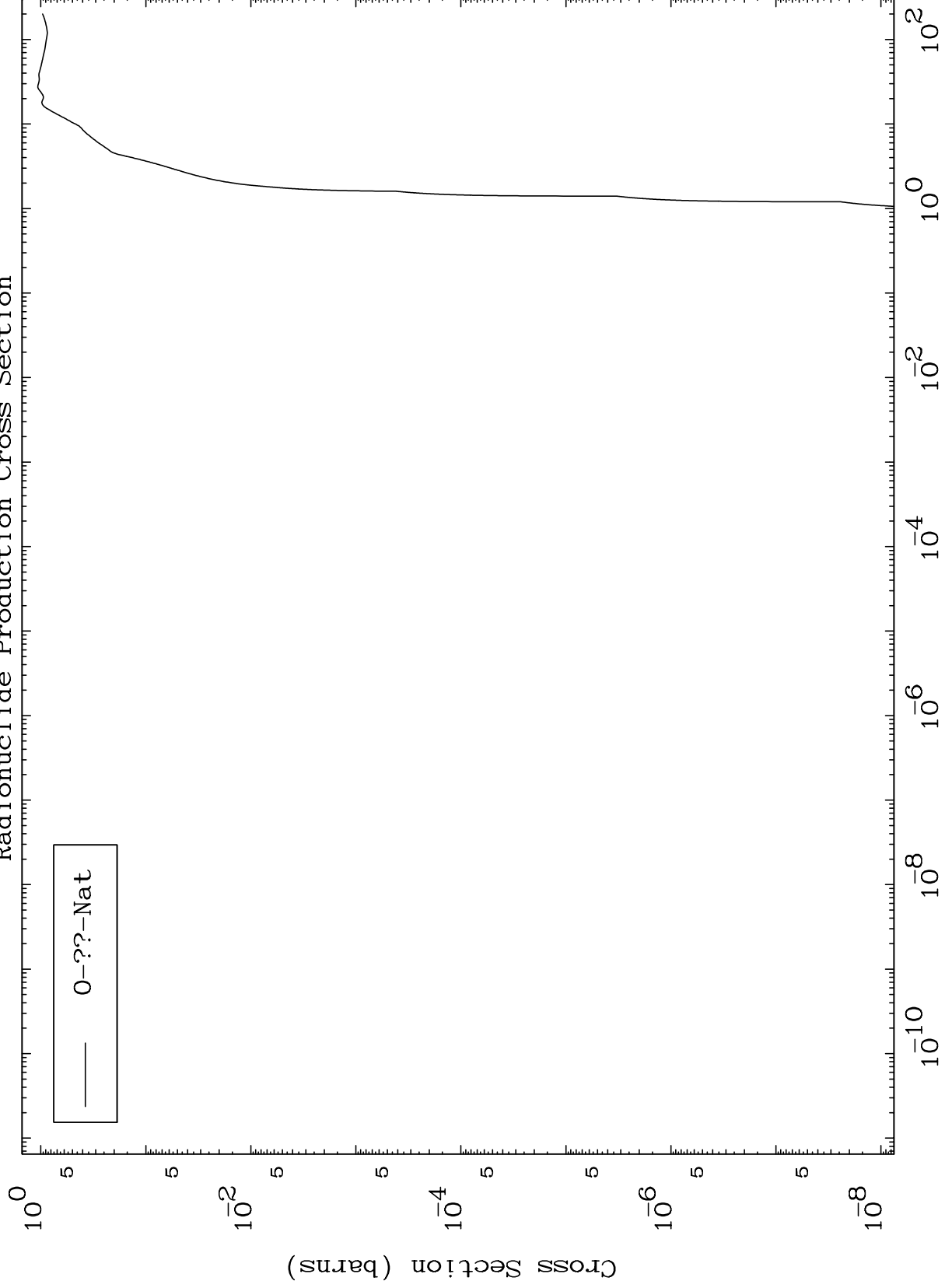
97

MAT 8401

Fission

84-Po-198

Radionuclide Production Cross Section



98

Incident Energy (MeV)

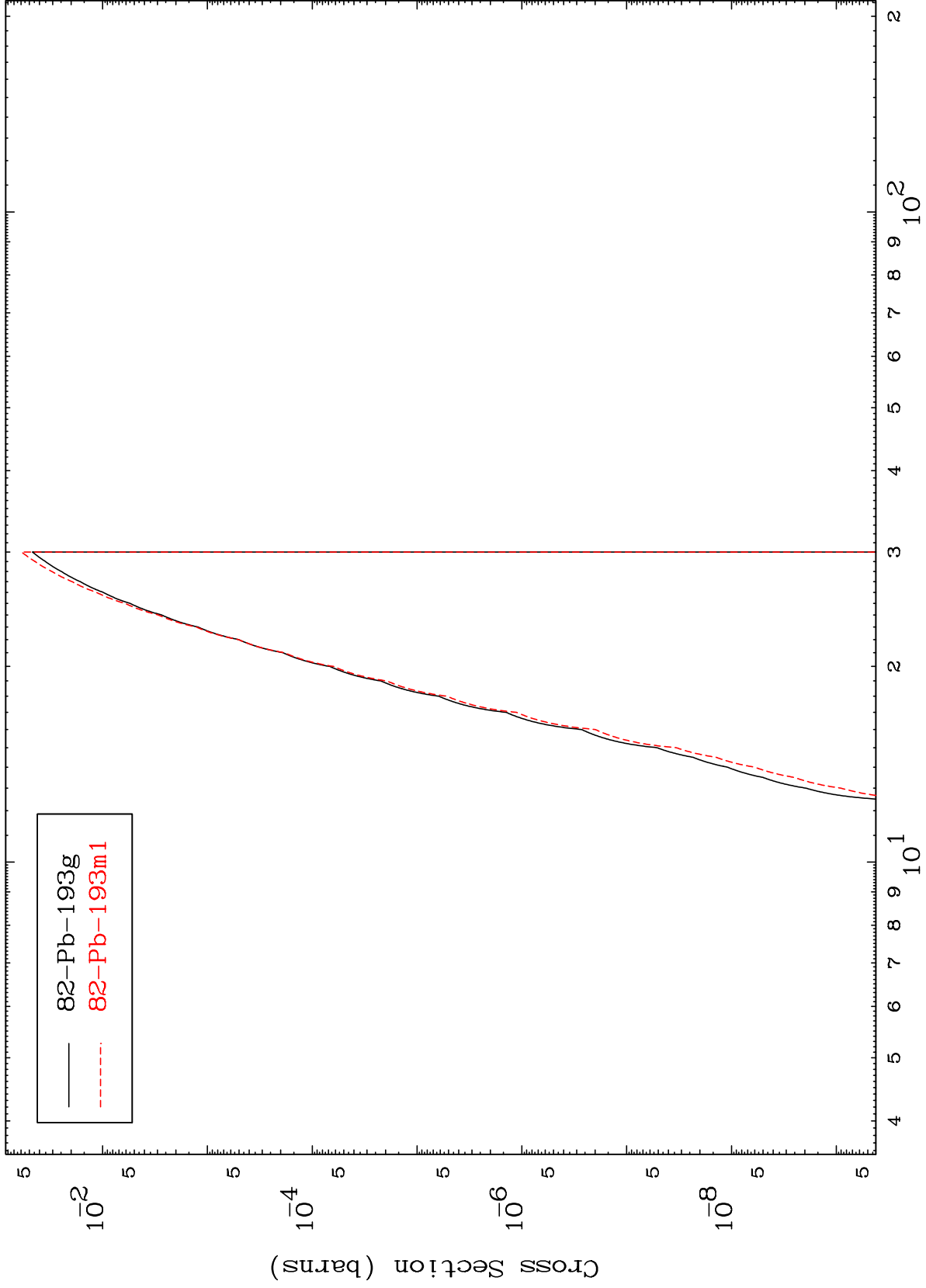
84-Po-198

MAT 8401

(n,2n) α

84-Po-198

Radionuclide Production Cross Section



99

Incident Energy (MeV)

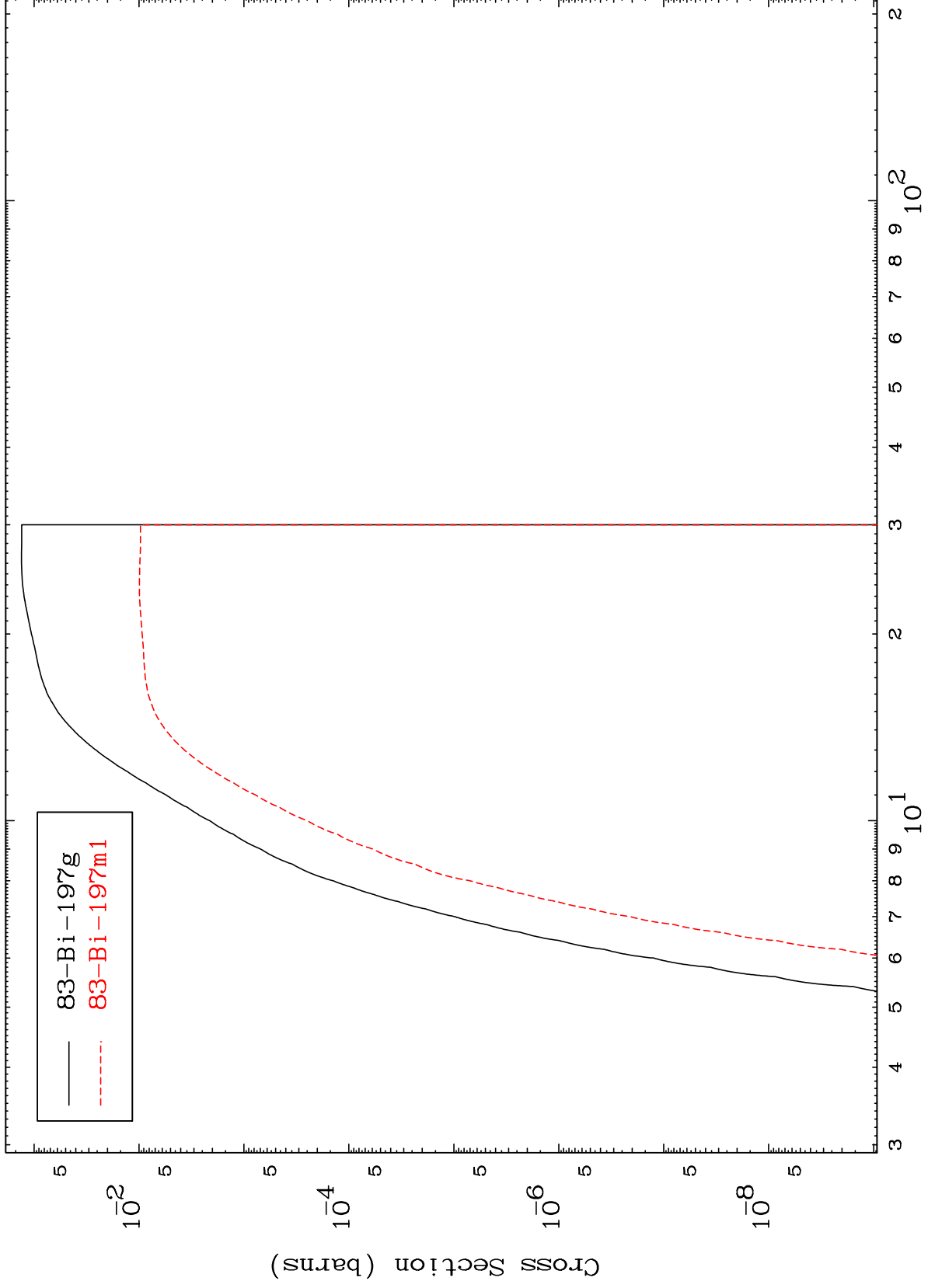
84-Po-198

MAT 8401

(n,n') p

84-Po-198

Radionuclide Production Cross Section



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

100

Incident Energy (MeV)

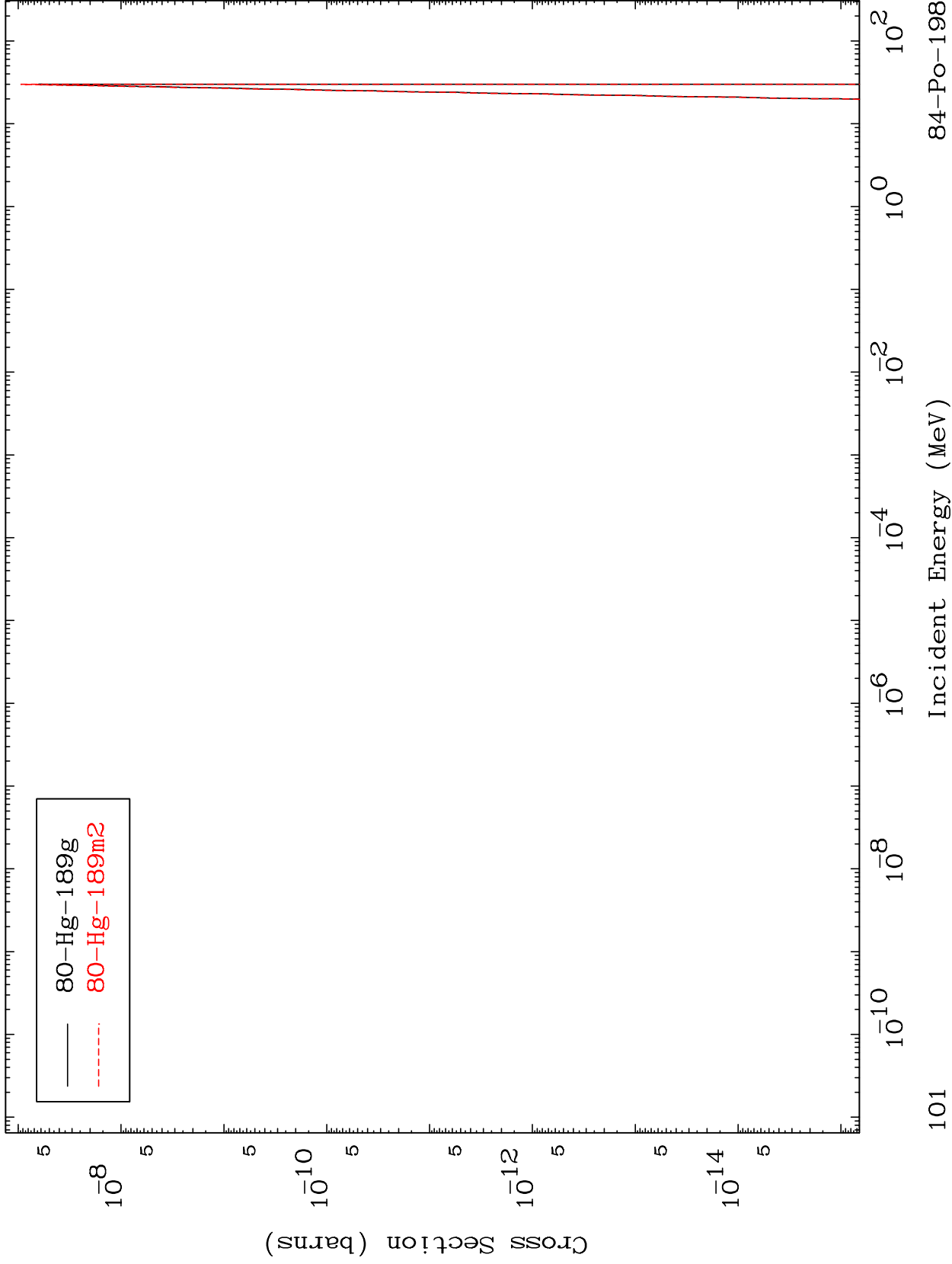
84-Po-198

MAT 8401

(n,2n) 2α

84-Po-198

Radionuclide Production Cross Section



101

Incident Energy (MeV)

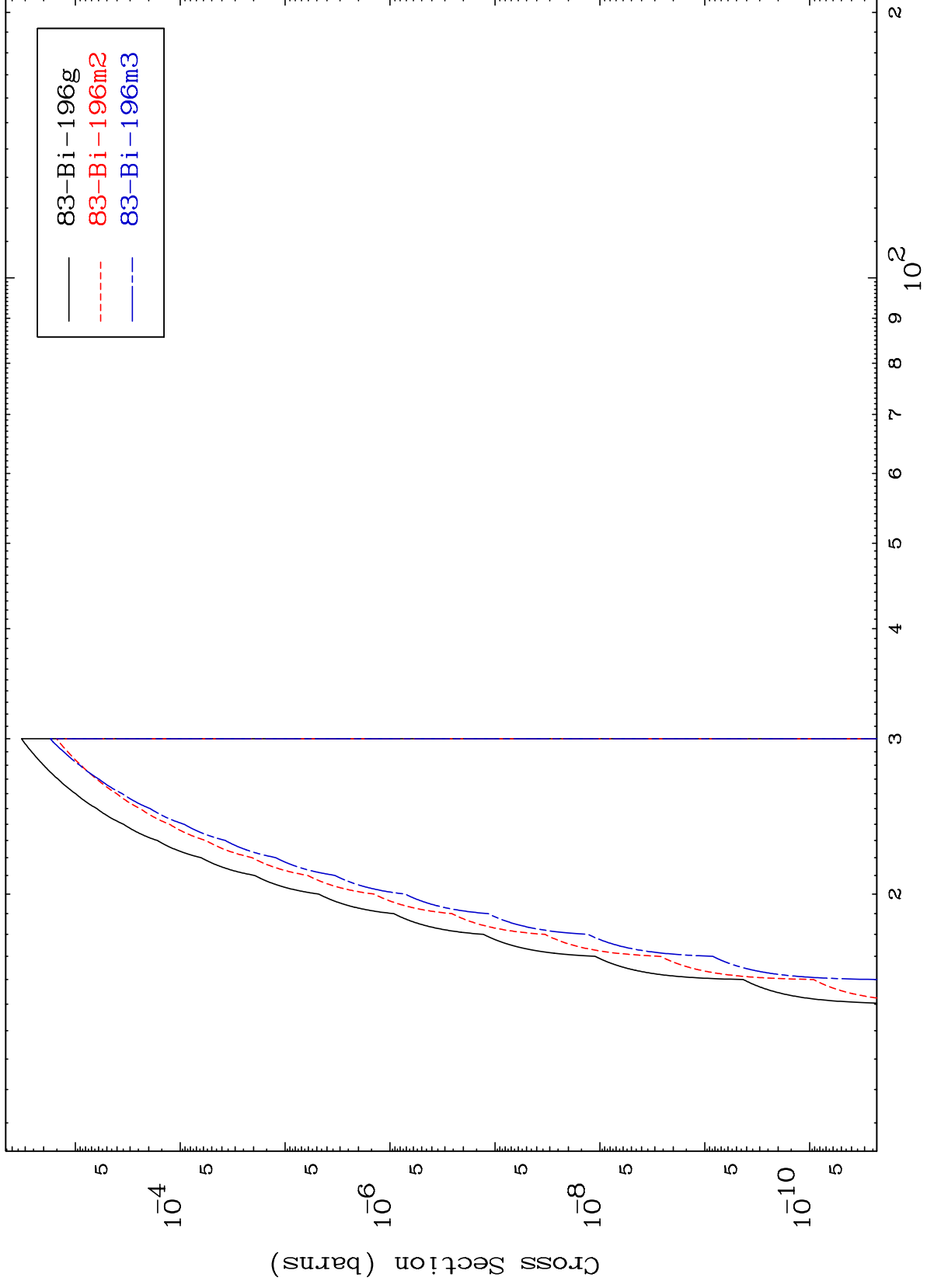
84-Po-198

MAT 8401

(n,n') d

84-Po-198

Radionuclide Production Cross Section

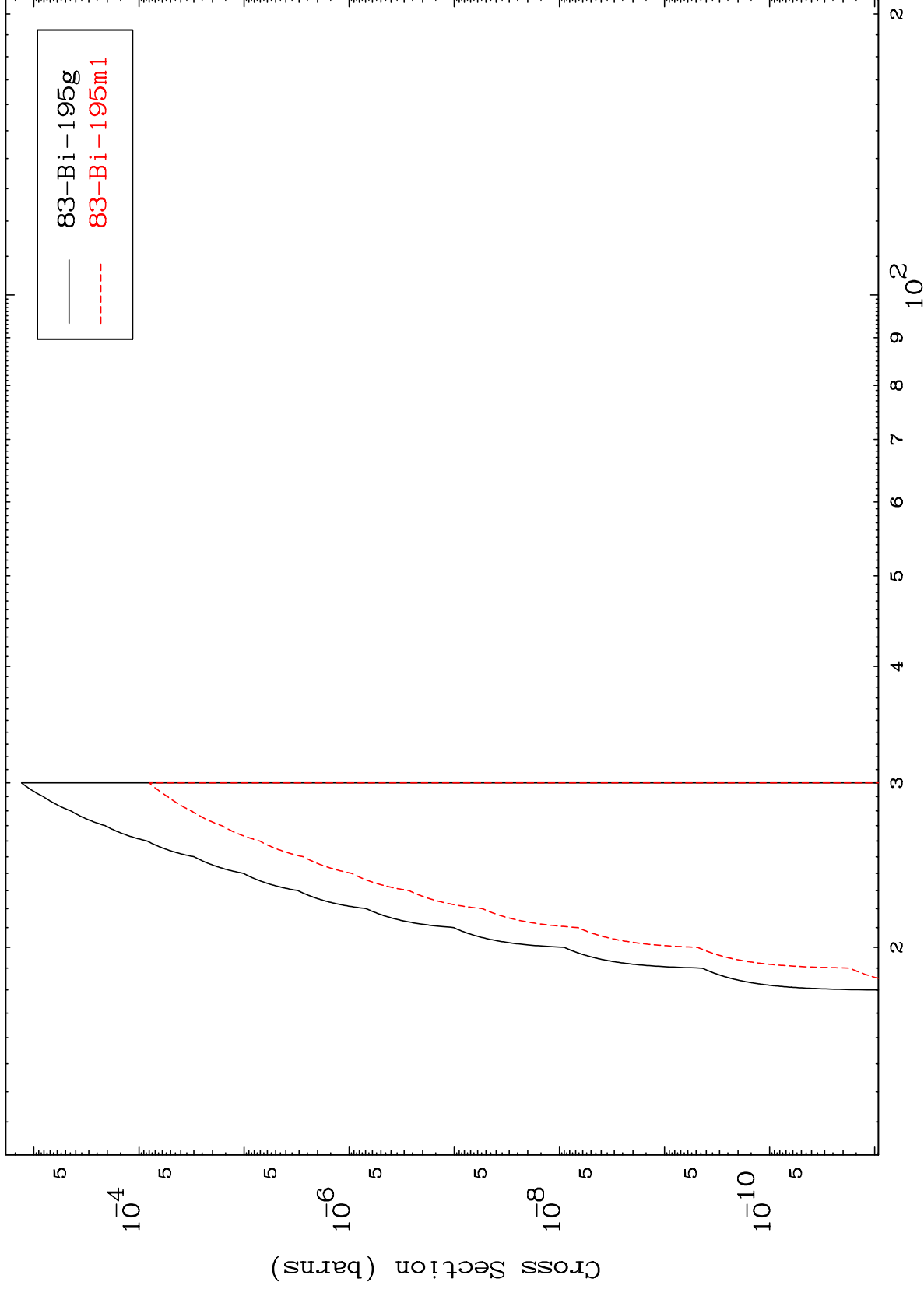


102

Incident Energy (MeV)

84-Po-198

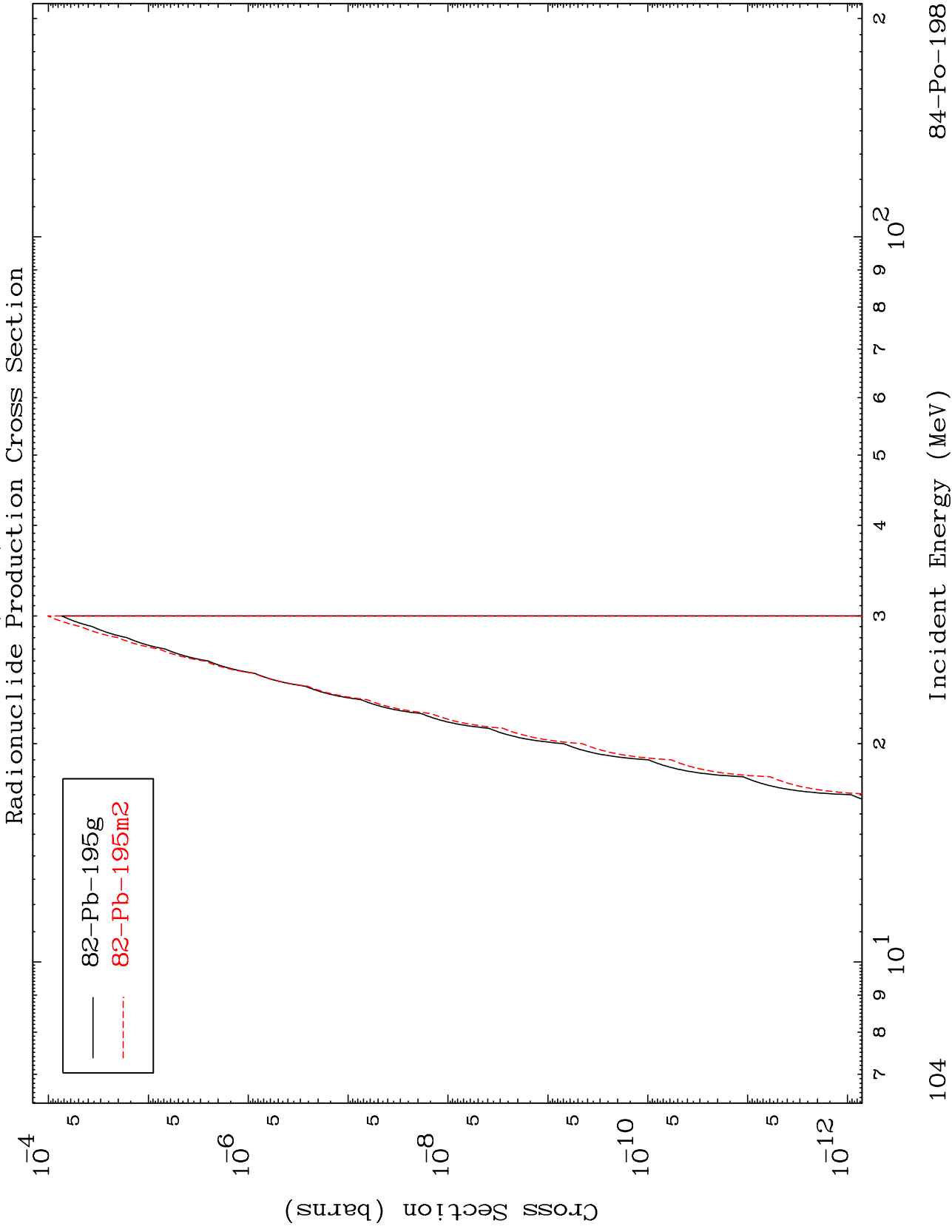
Radionuclide Production Cross Section



MAT 8401

(n,n') He-3

84-Po-198



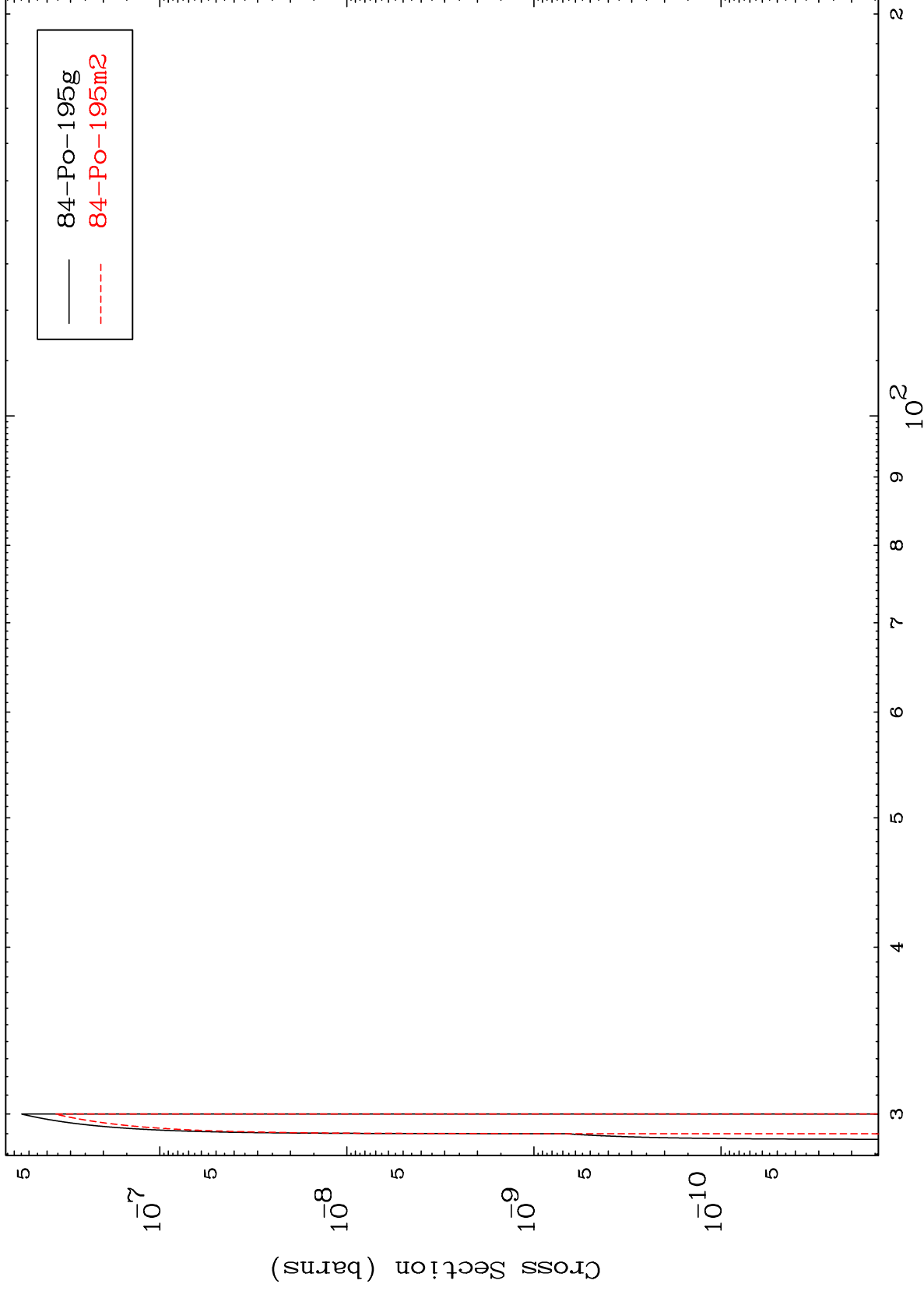
104

84-Po-198

MAT 8401

84-Po-198

(n,4n)
Radionuclide Production Cross Section

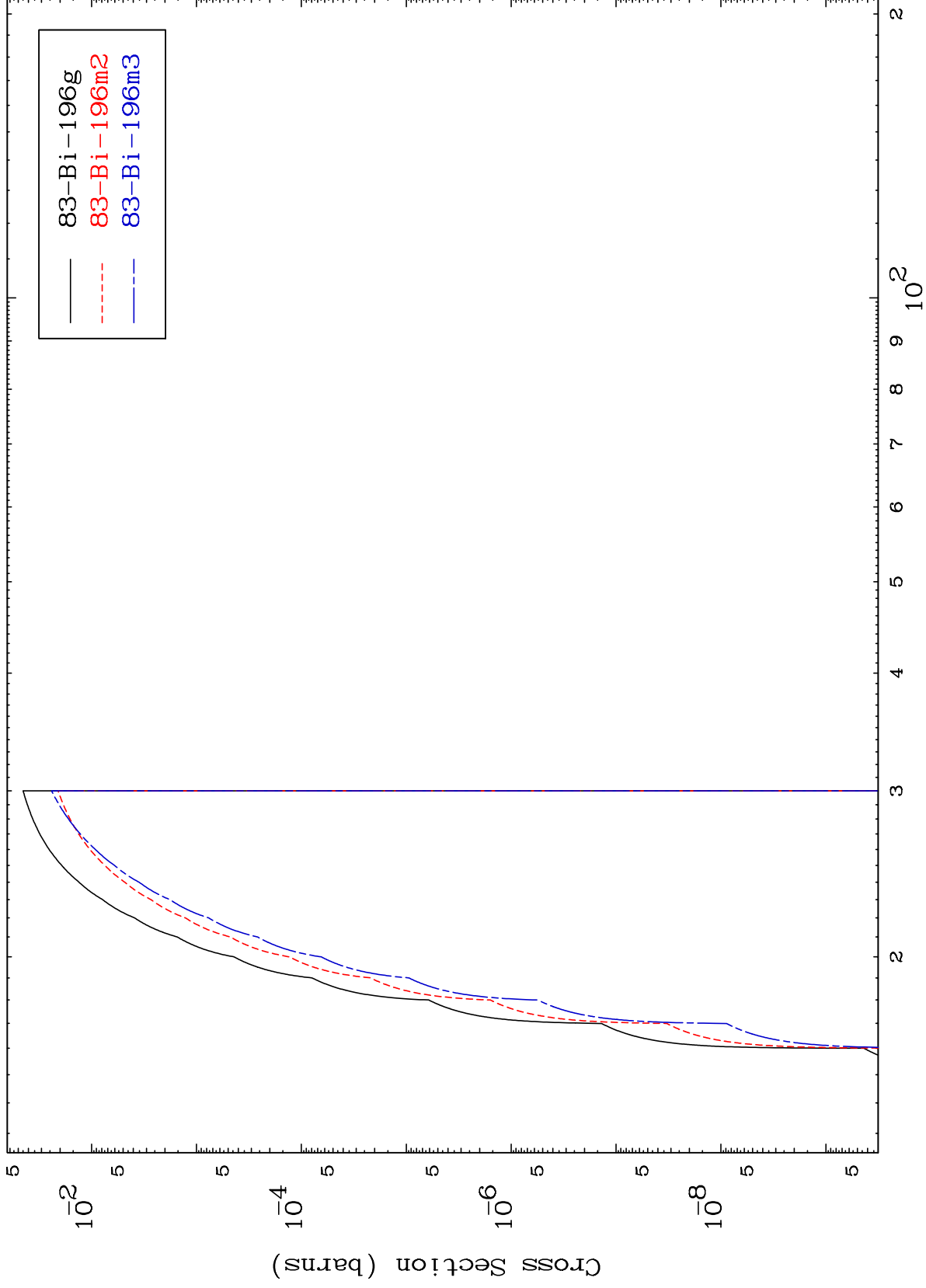


84-Po-198

Incident Energy (MeV)

105

Radionuclide Production Cross Section

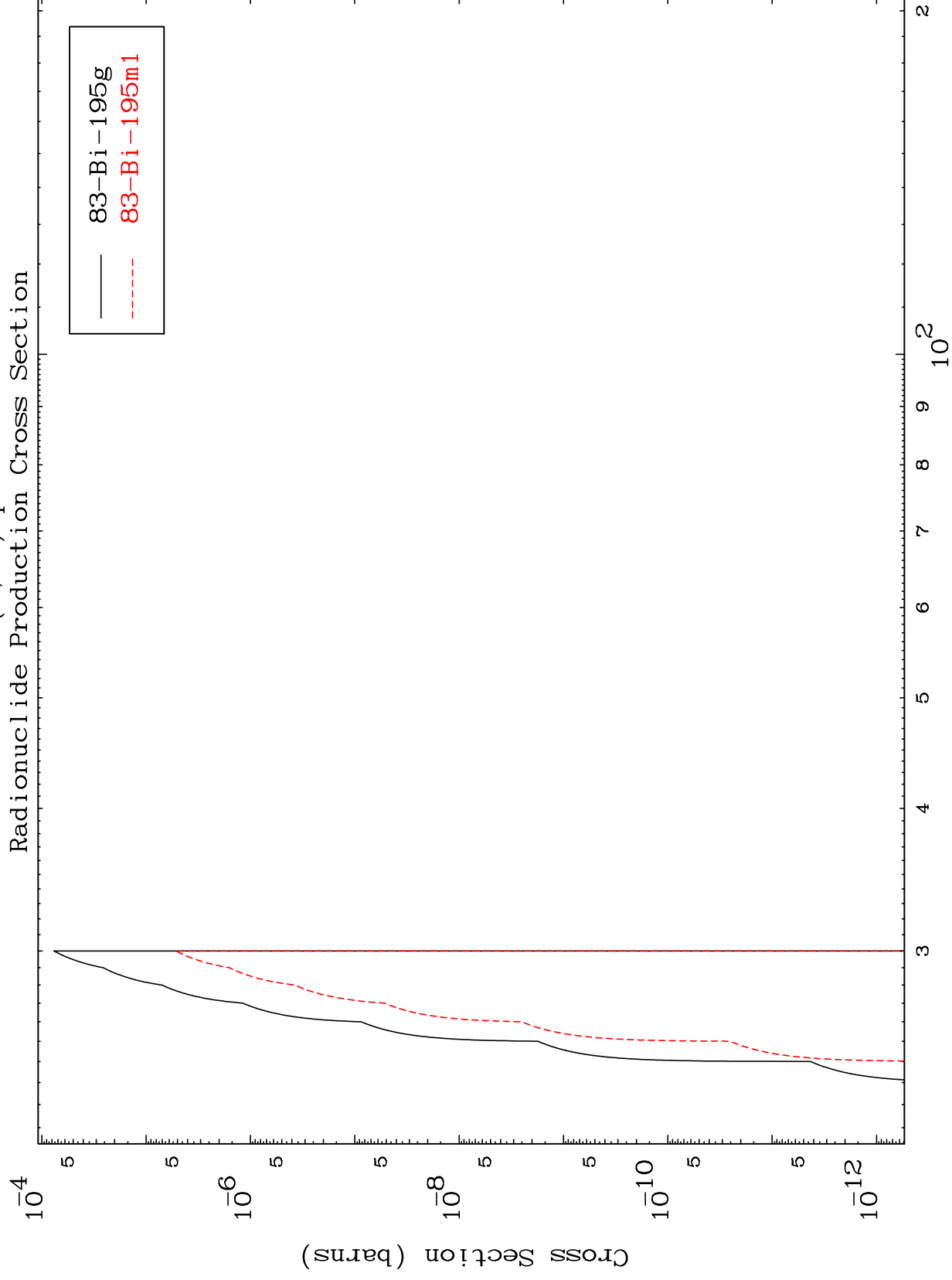


MAT 8401

(n,3n) p

84-Po-198

Radionuclide Production Cross Section



107

Incident Energy (MeV)

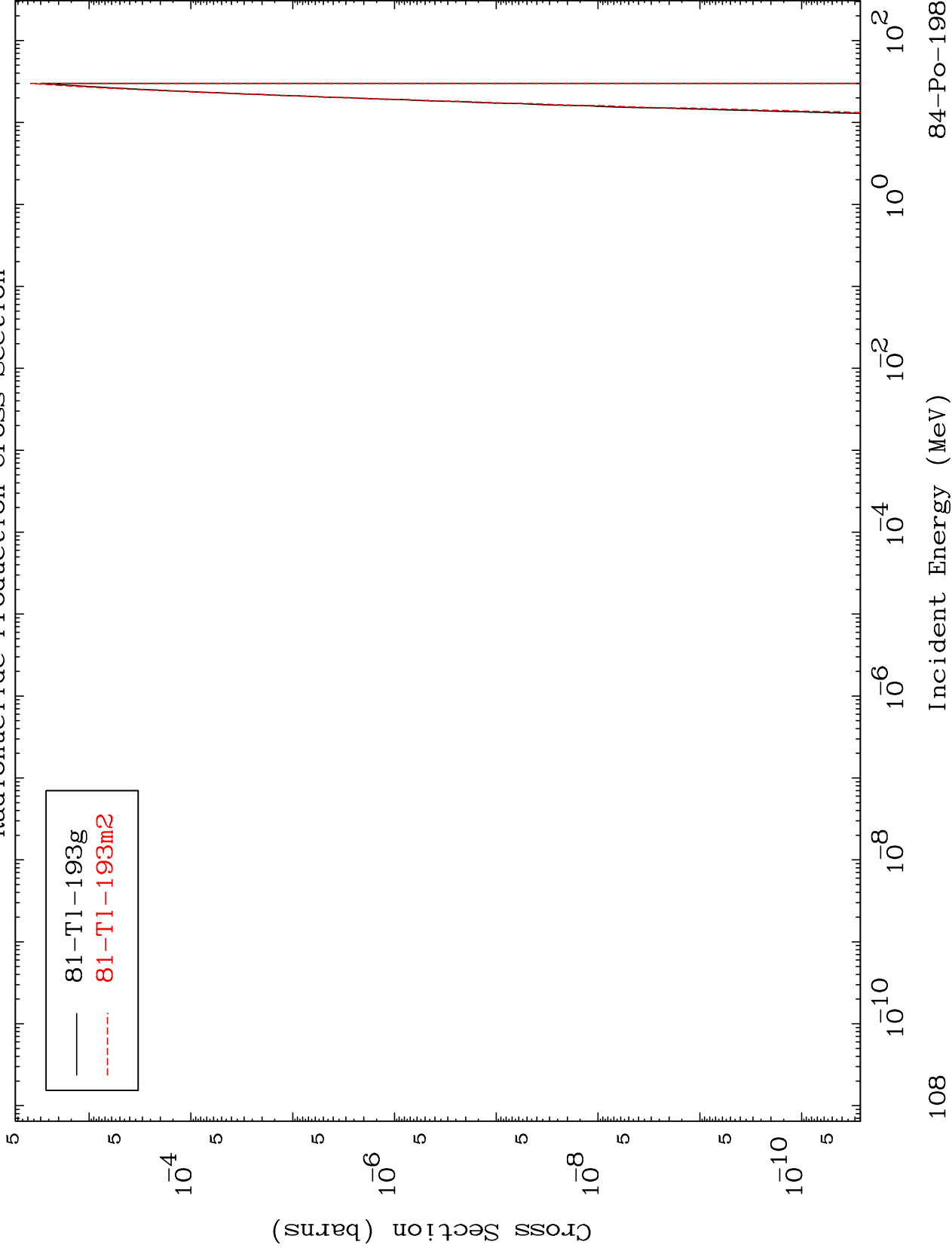
84-Po-198

MAT 8401

(n,n') p α

84-Po-198

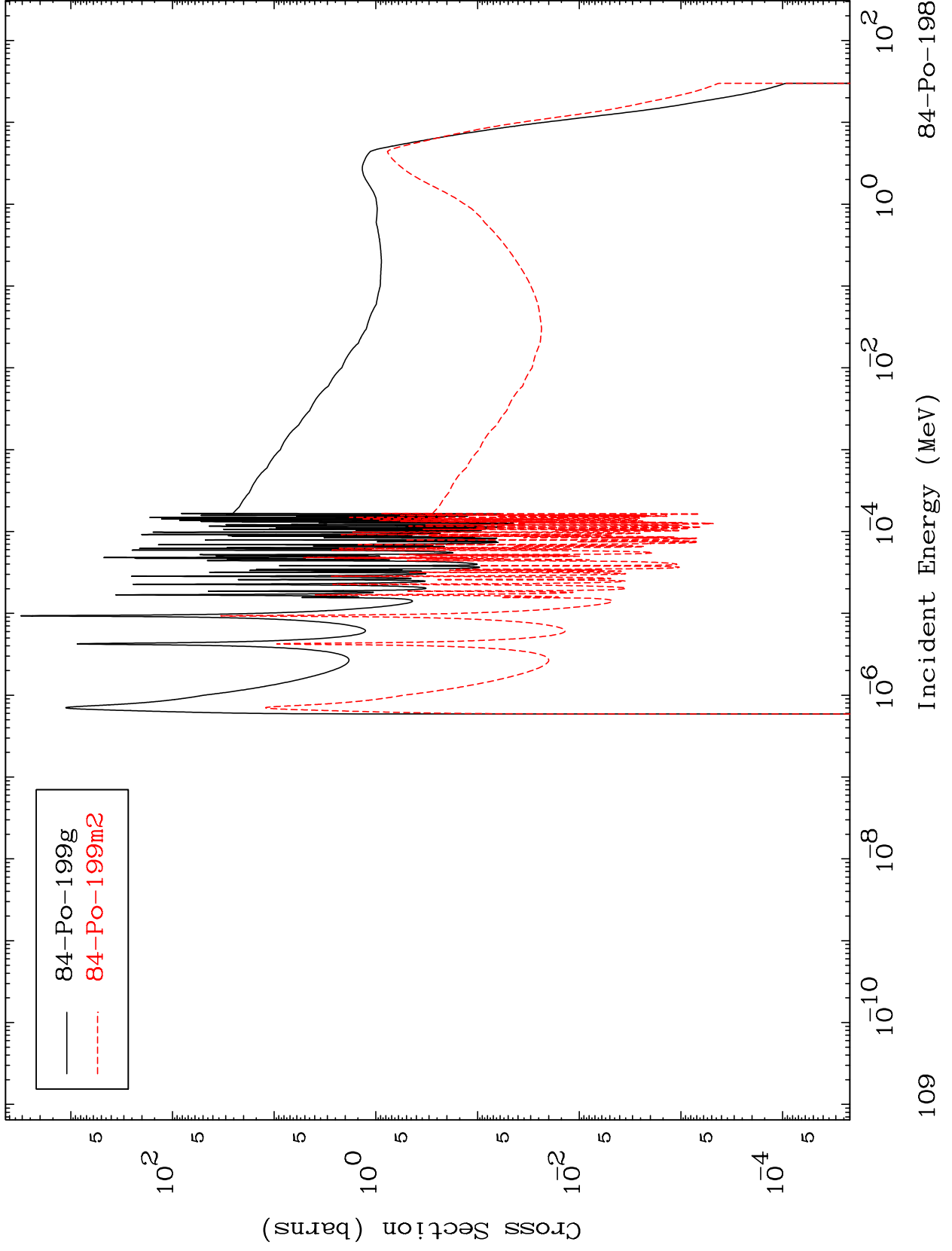
Radionuclide Production Cross Section



MAT 8401

84-Po-198

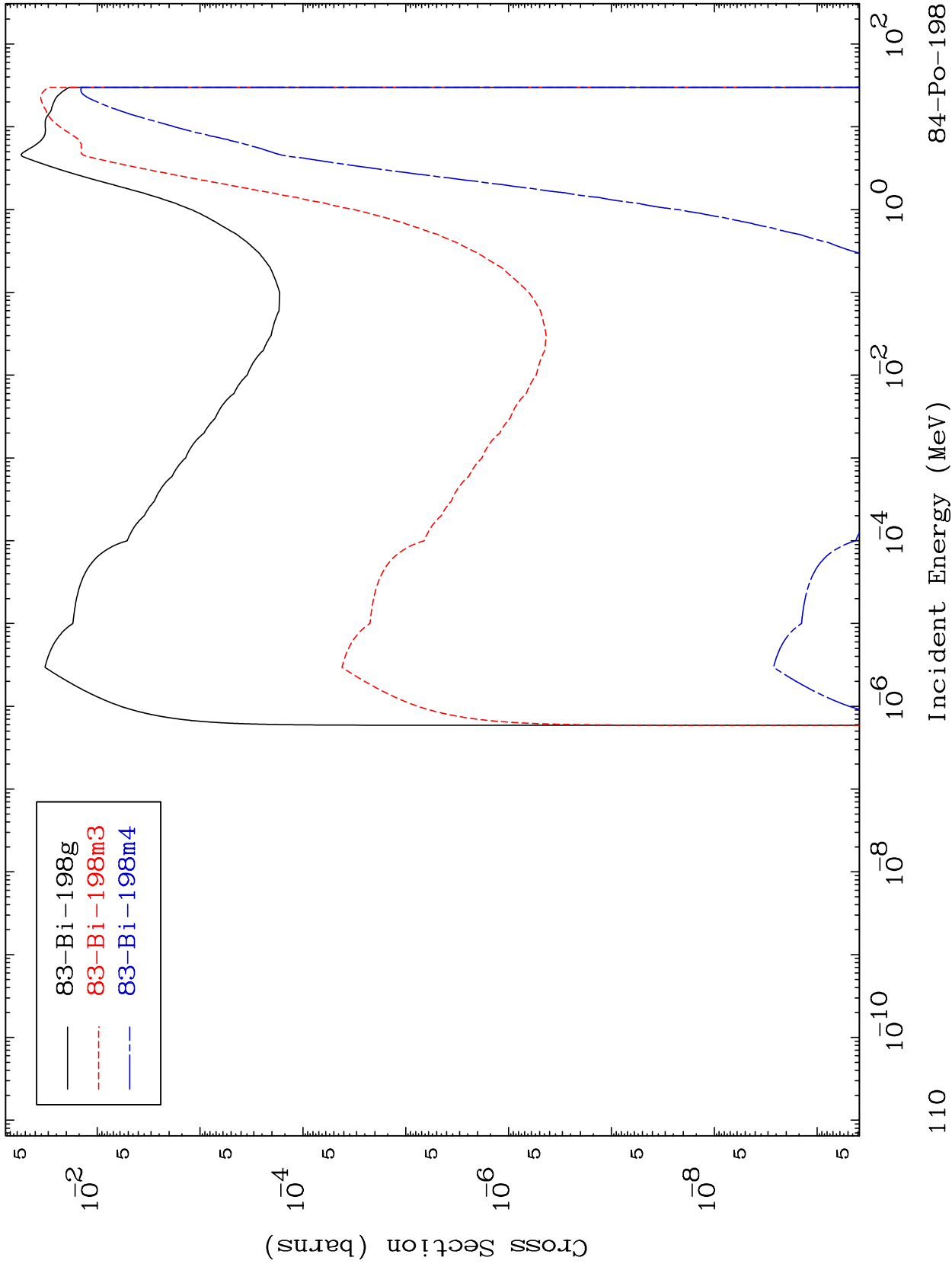
(n, γ)
Radionuclide Production Cross Section



MAT 8401

84-Po-198

(n,p)
Radionuclide Production Cross Section

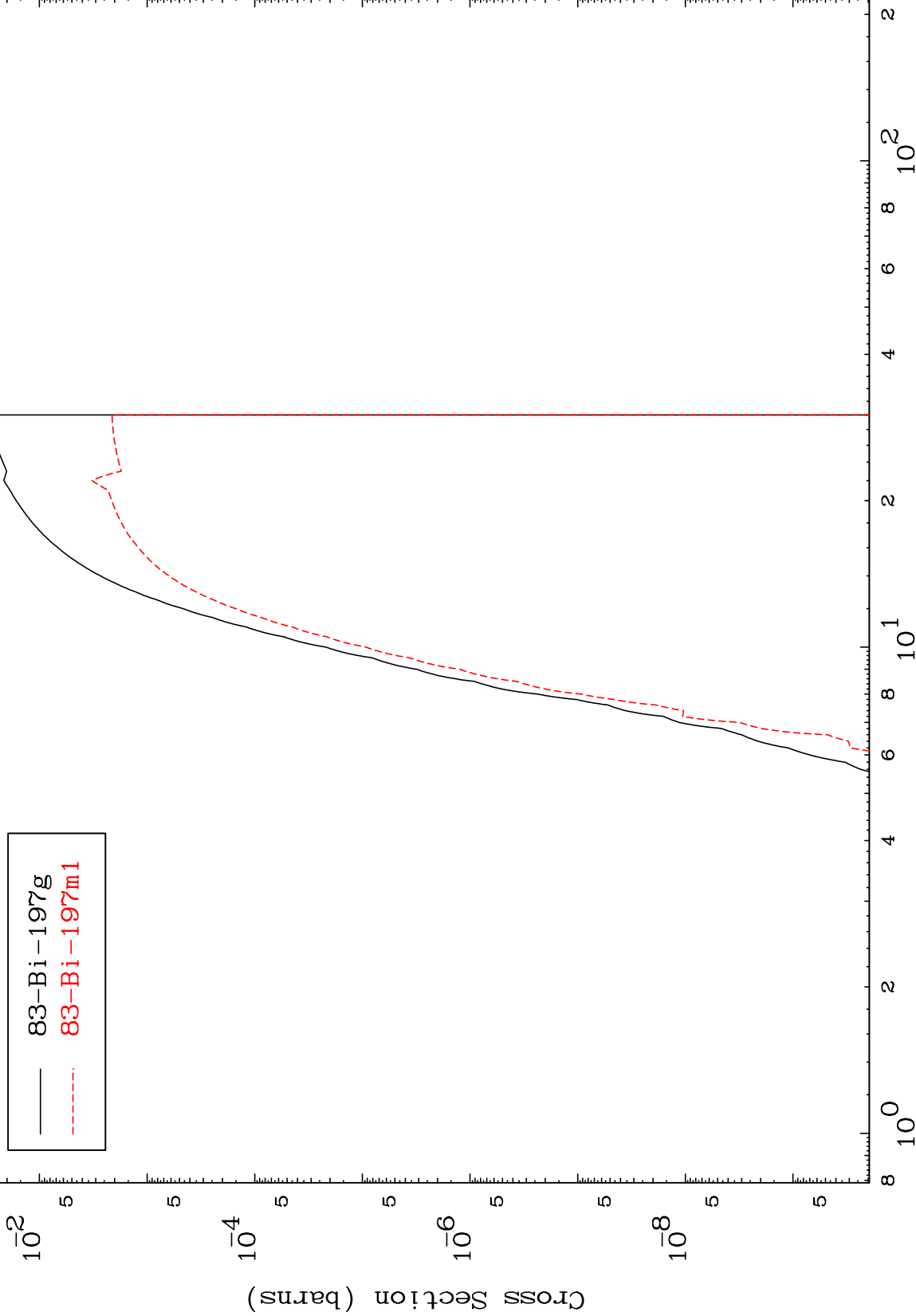
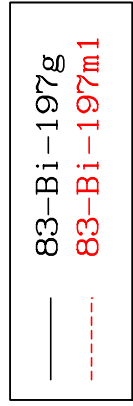


MAT 8401

(n,d)

84-Po-198

Radionuclide Production Cross Section



111

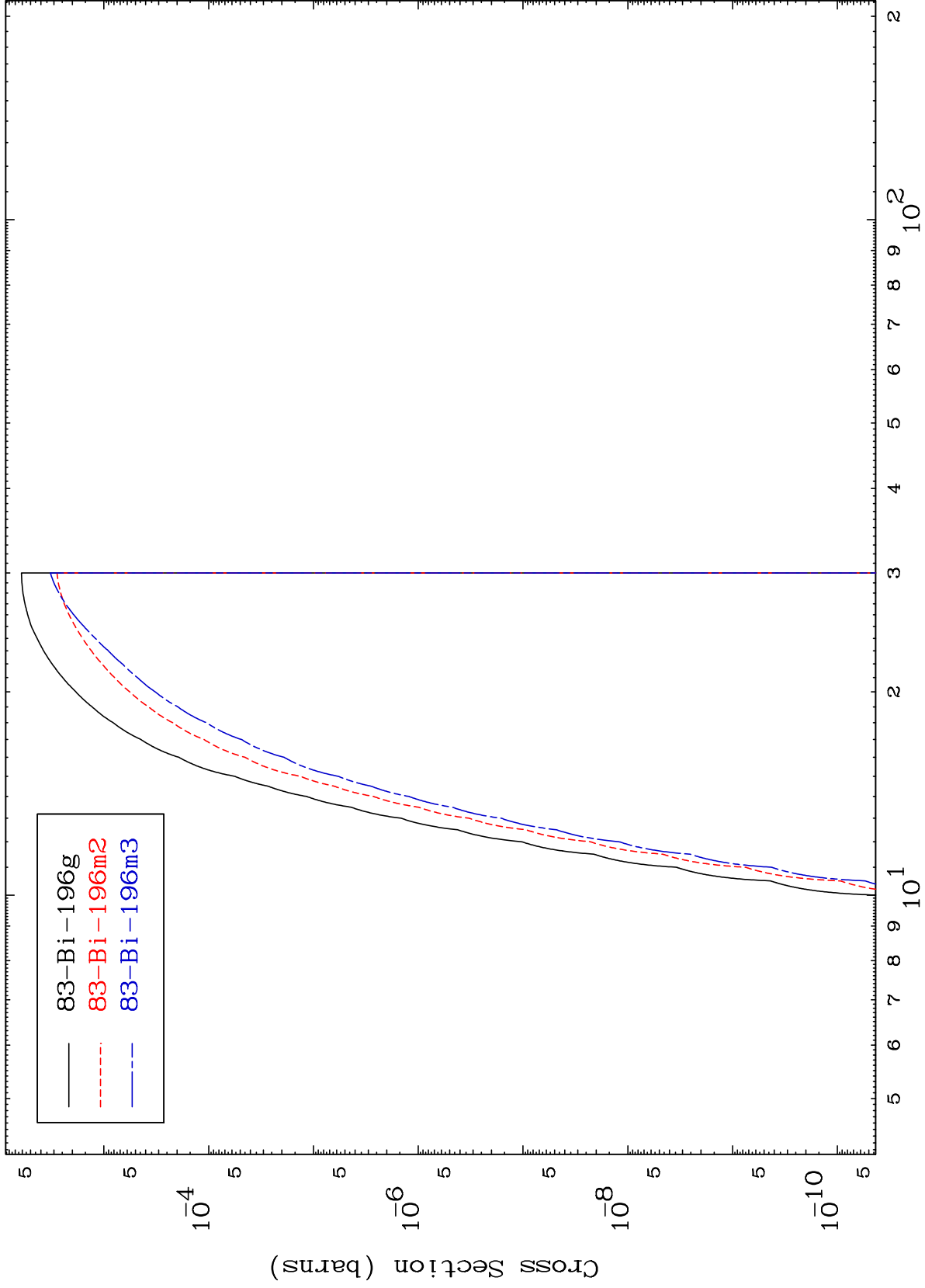
Incident Energy (MeV)

84-Po-198

MAT 8401

84-Po-198

(n, t)
Radionuclide Production Cross Section



112

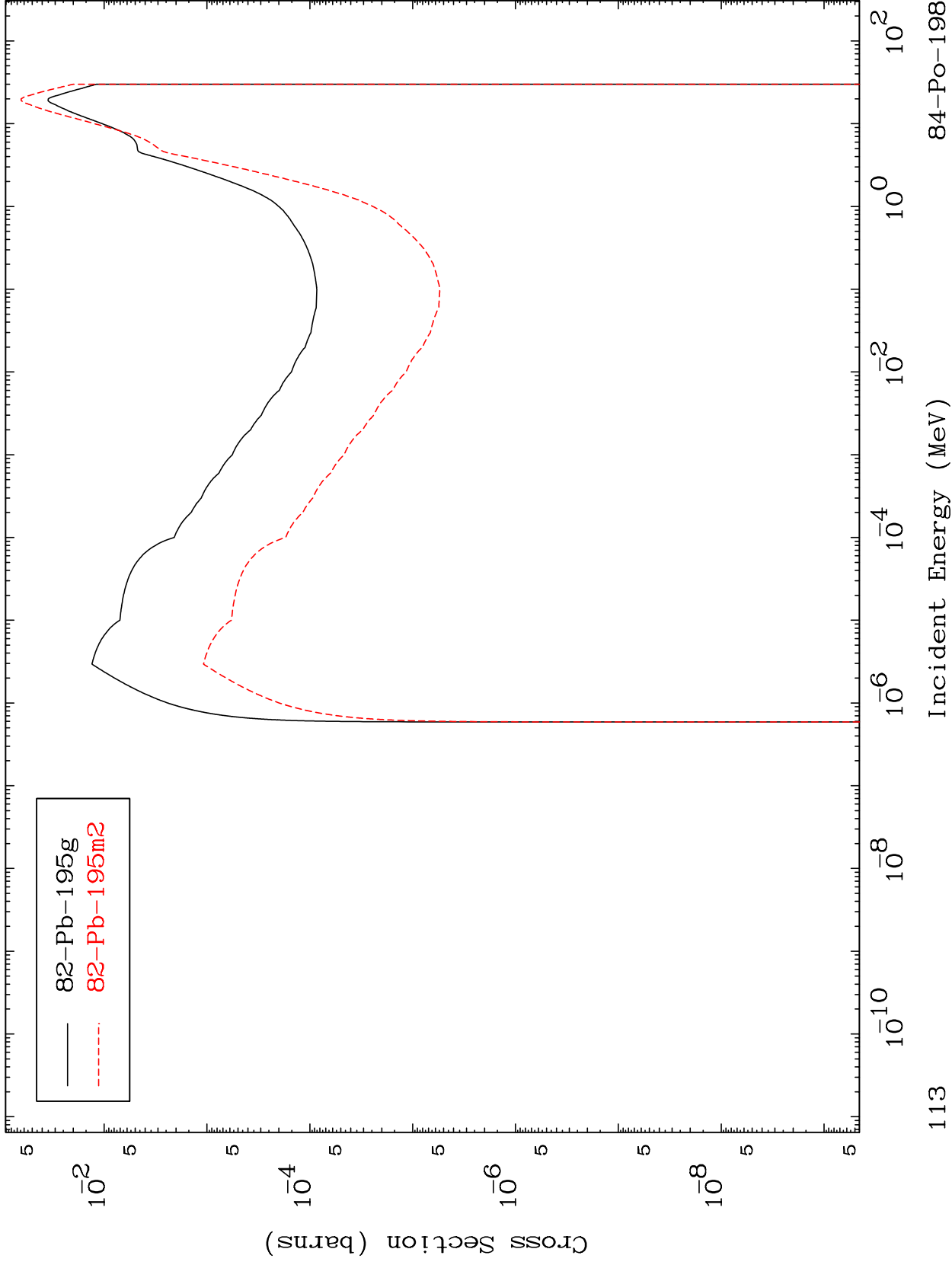
Incident Energy (MeV)

84-Po-198

MAT 8401

84-Po-198

(n, α)
Radionuclide Production Cross Section

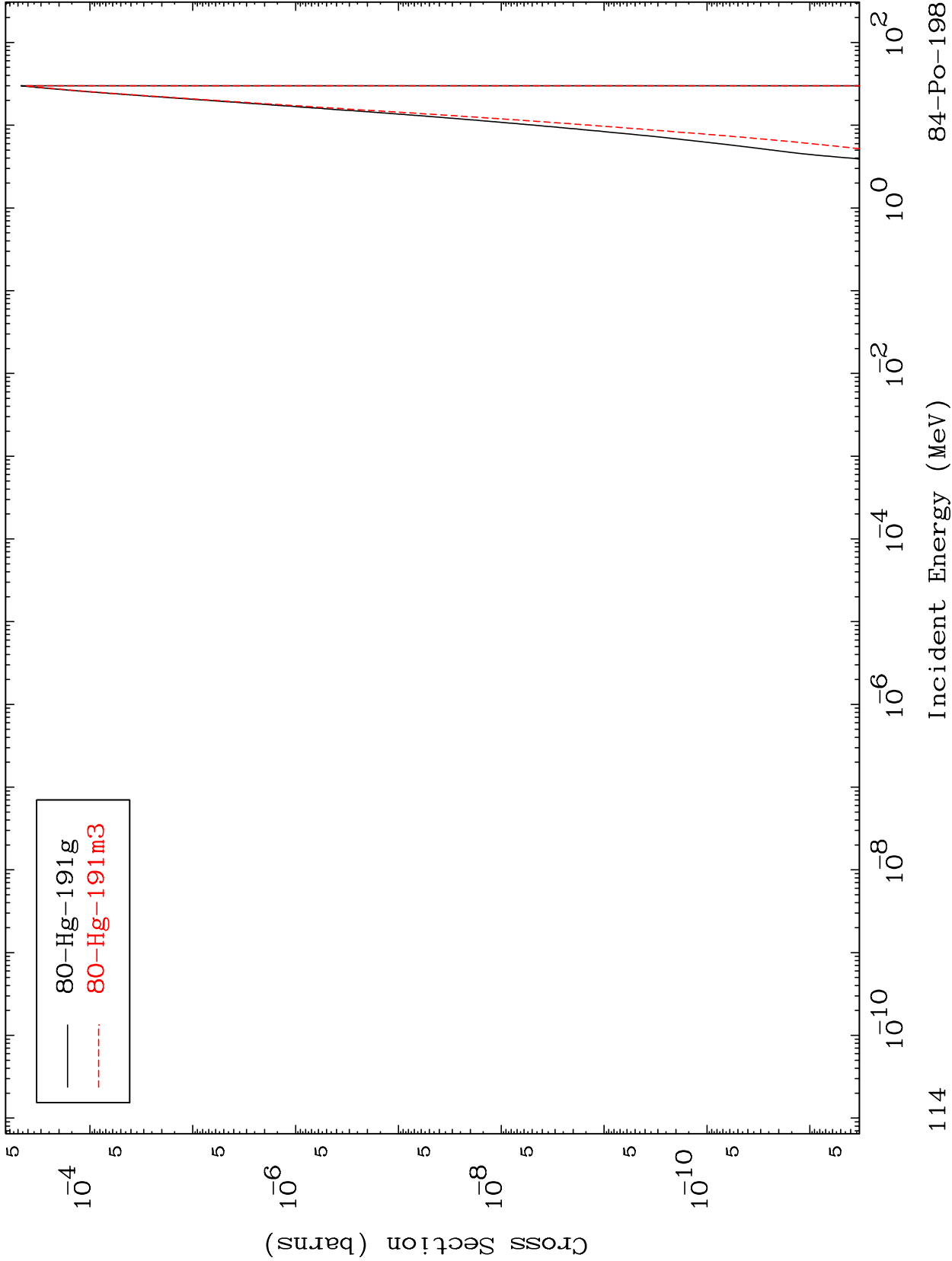


MAT 8401

(n,2α)

84-Po-198

Radionuclide Production Cross Section



114

Incident Energy (MeV)

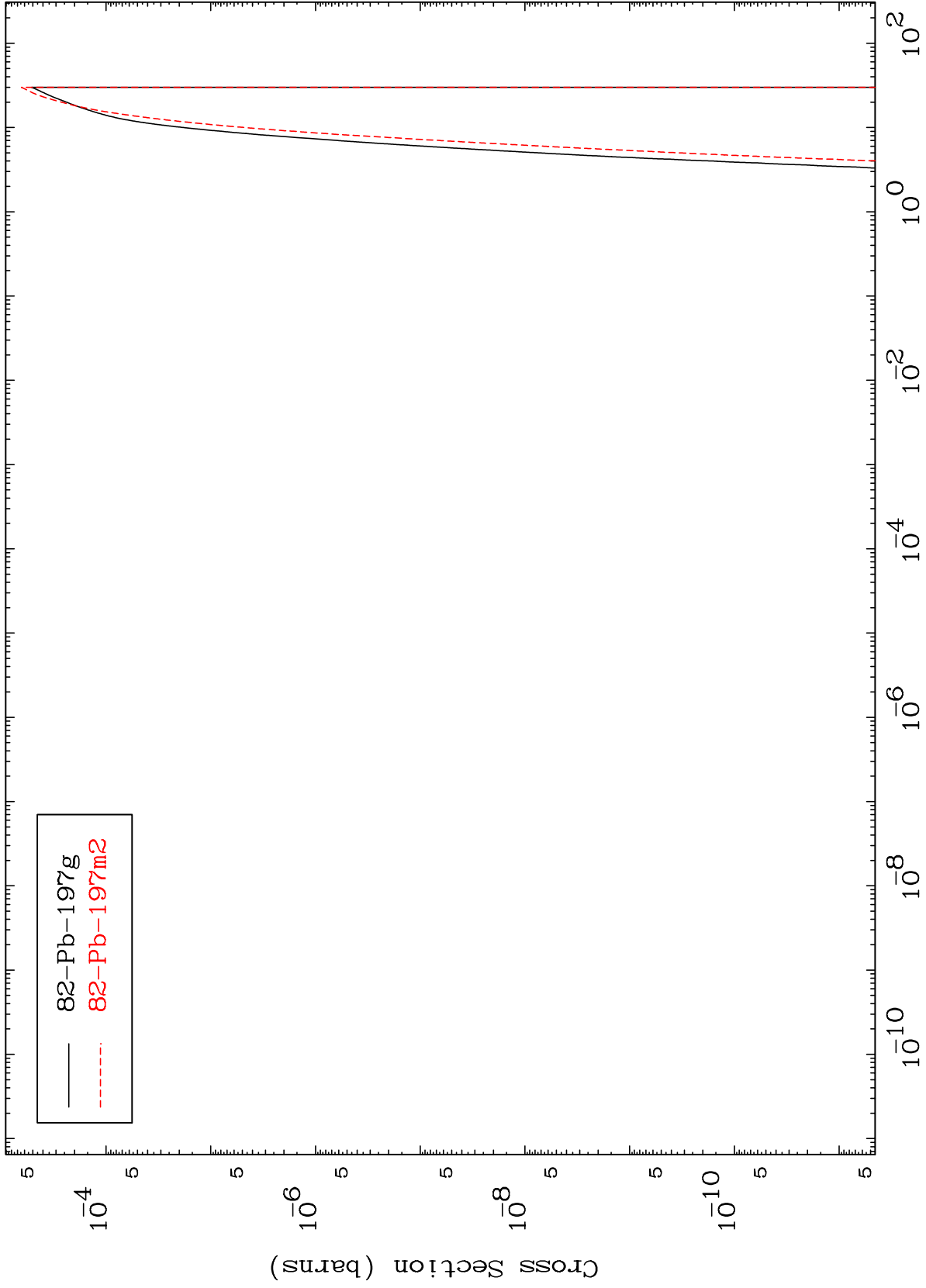
84-Po-198

MAT 8401

(n,2p)

84-Po-198

Radionuclide Production Cross Section



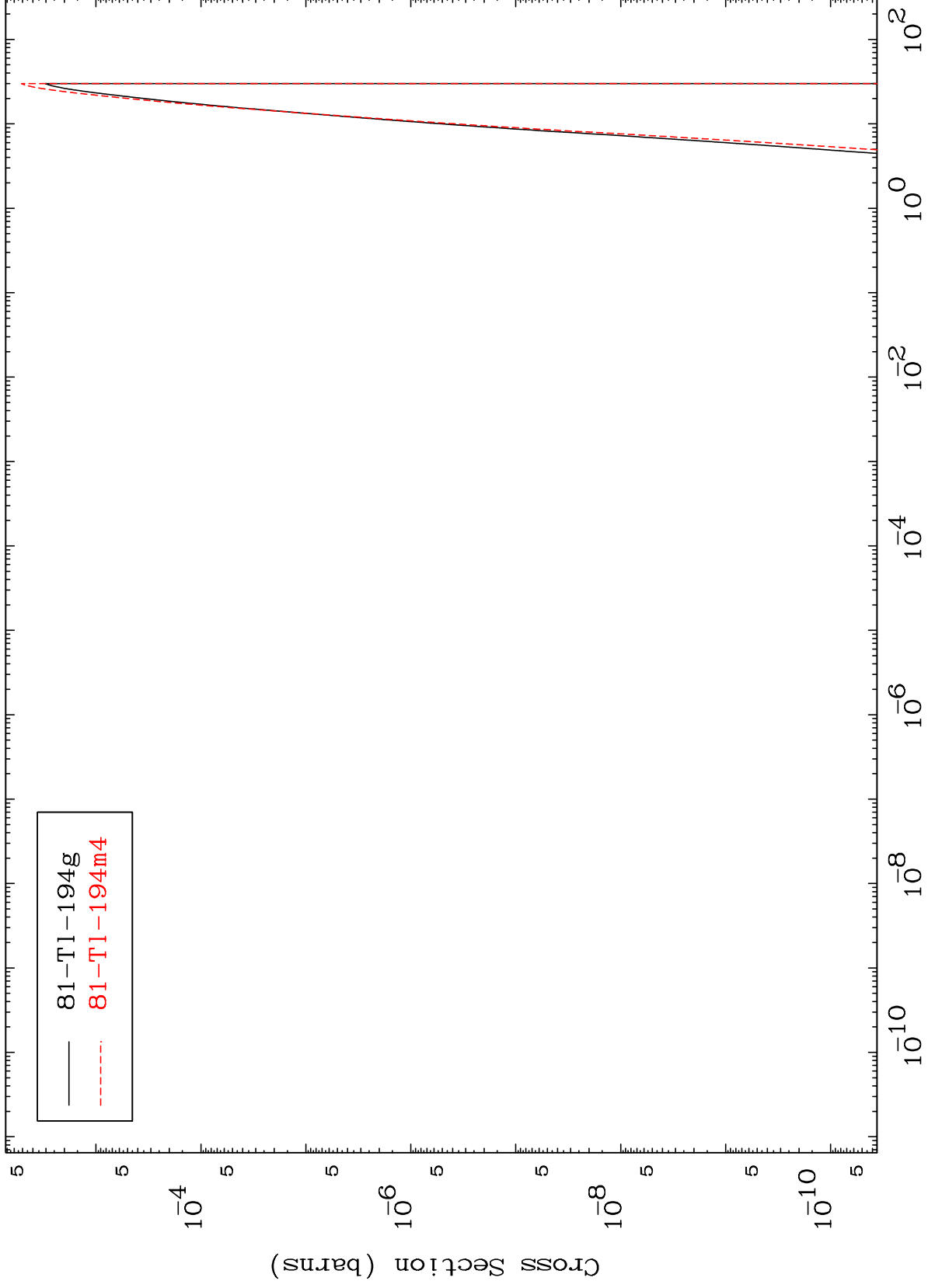
82-Pb-197g
82-Pb-197m2

MAT 8401

(n,p) α

84-Po-198

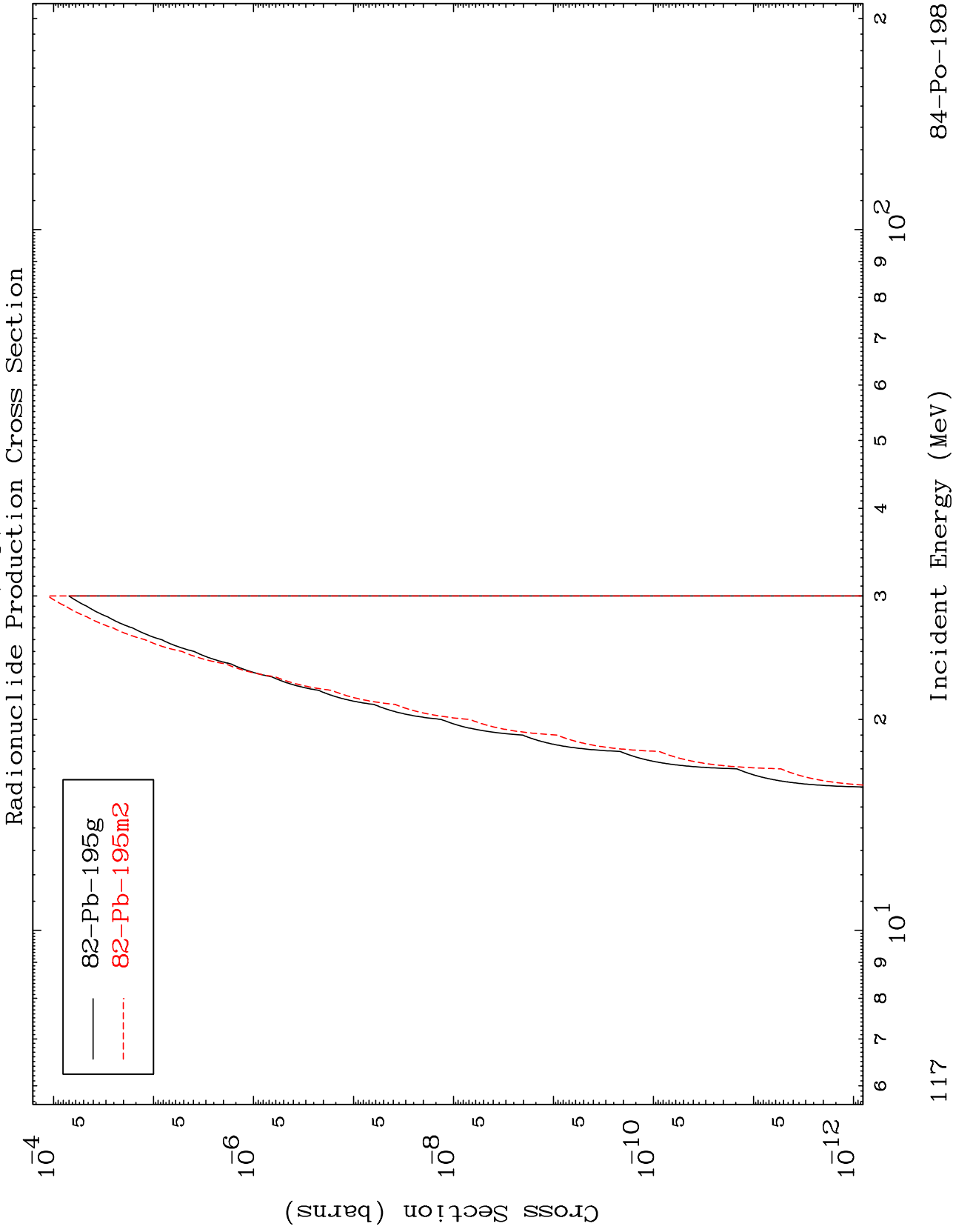
Radionuclide Production Cross Section



MAT 8401

(n,p) t

84-Po-198



117

84-Po-198

MAT 8401

(n,d) α

84-Po-198

Radionuclide Production Cross Section

