

Program EVALPLOT
(Version 2015-2)

by

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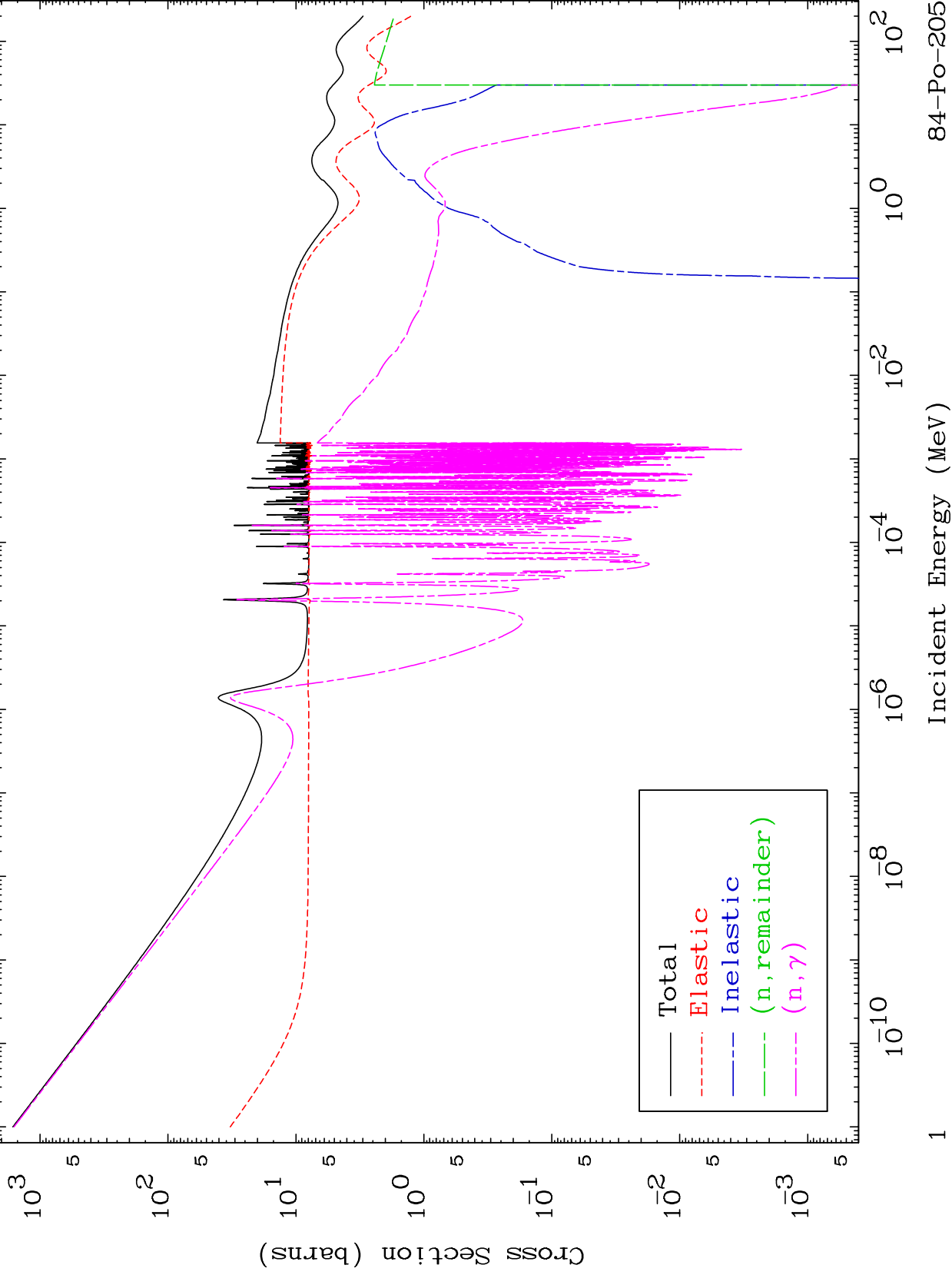
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8422

Major
293 Kelvin Cross Sections

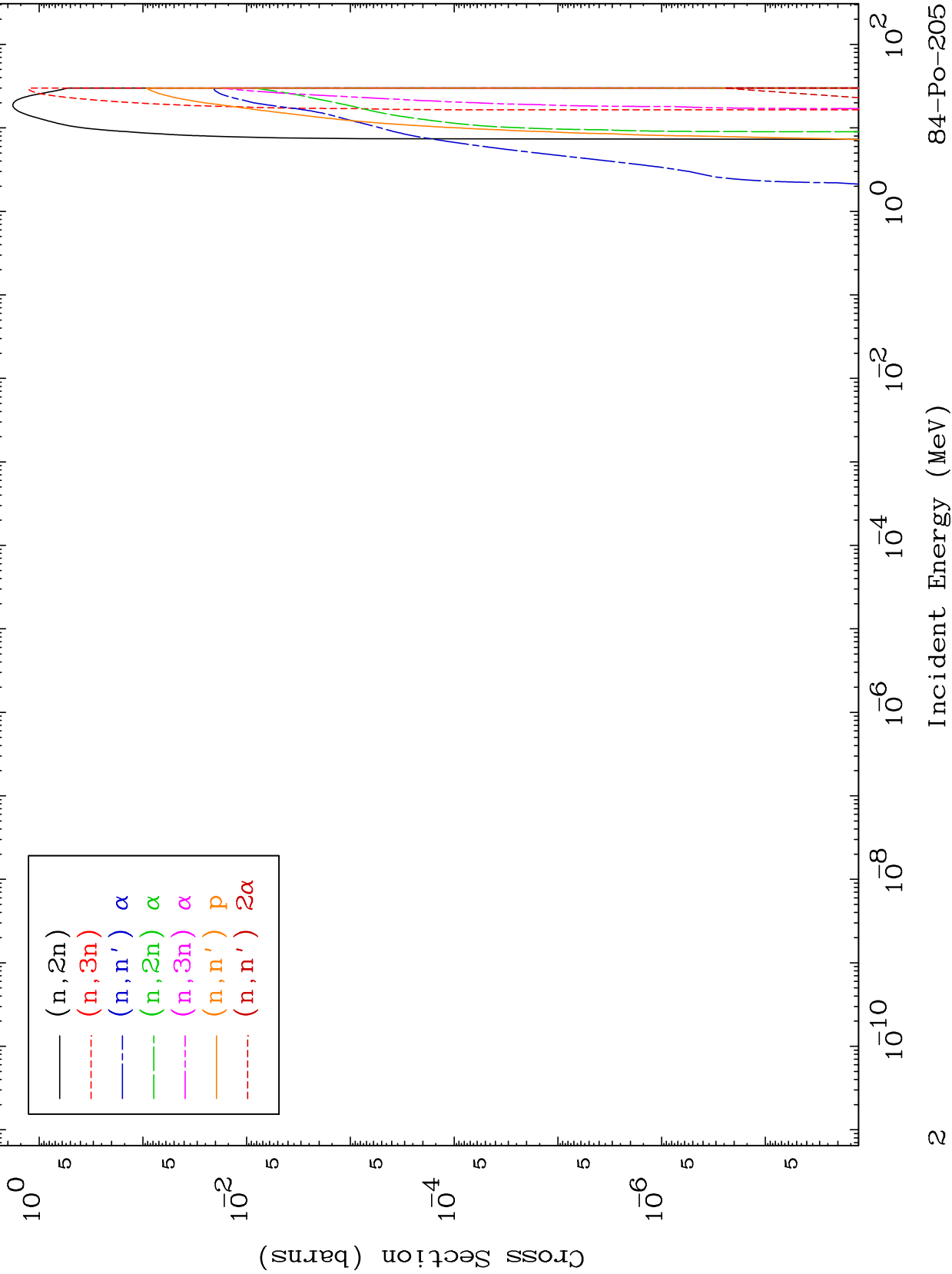
84-Po-205



MAT 8422

Neutron Production
293 Kelvin Cross Sections

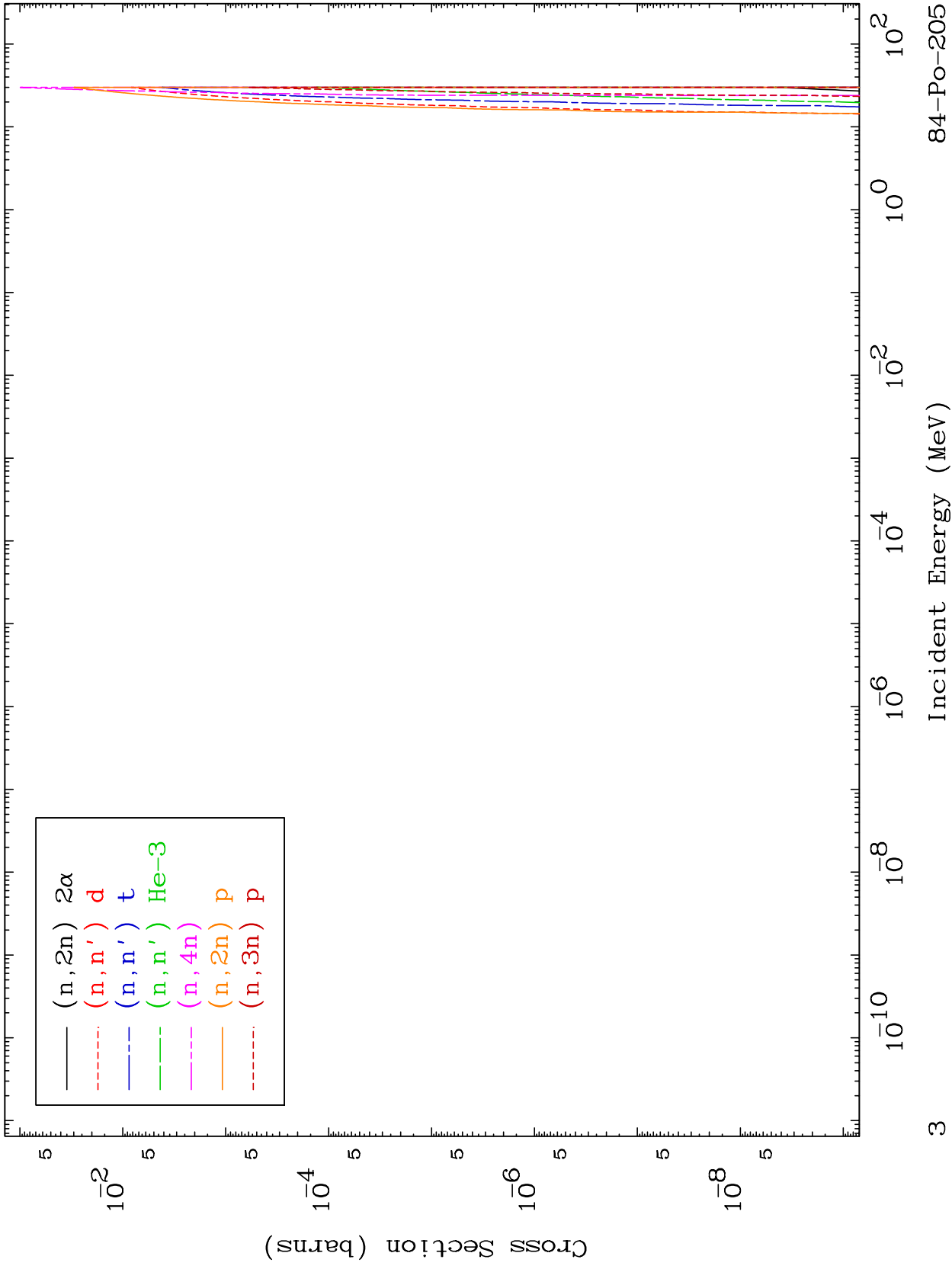
84-Po-205



MAT 8422

Neutron Production
293 Kelvin Cross Sections

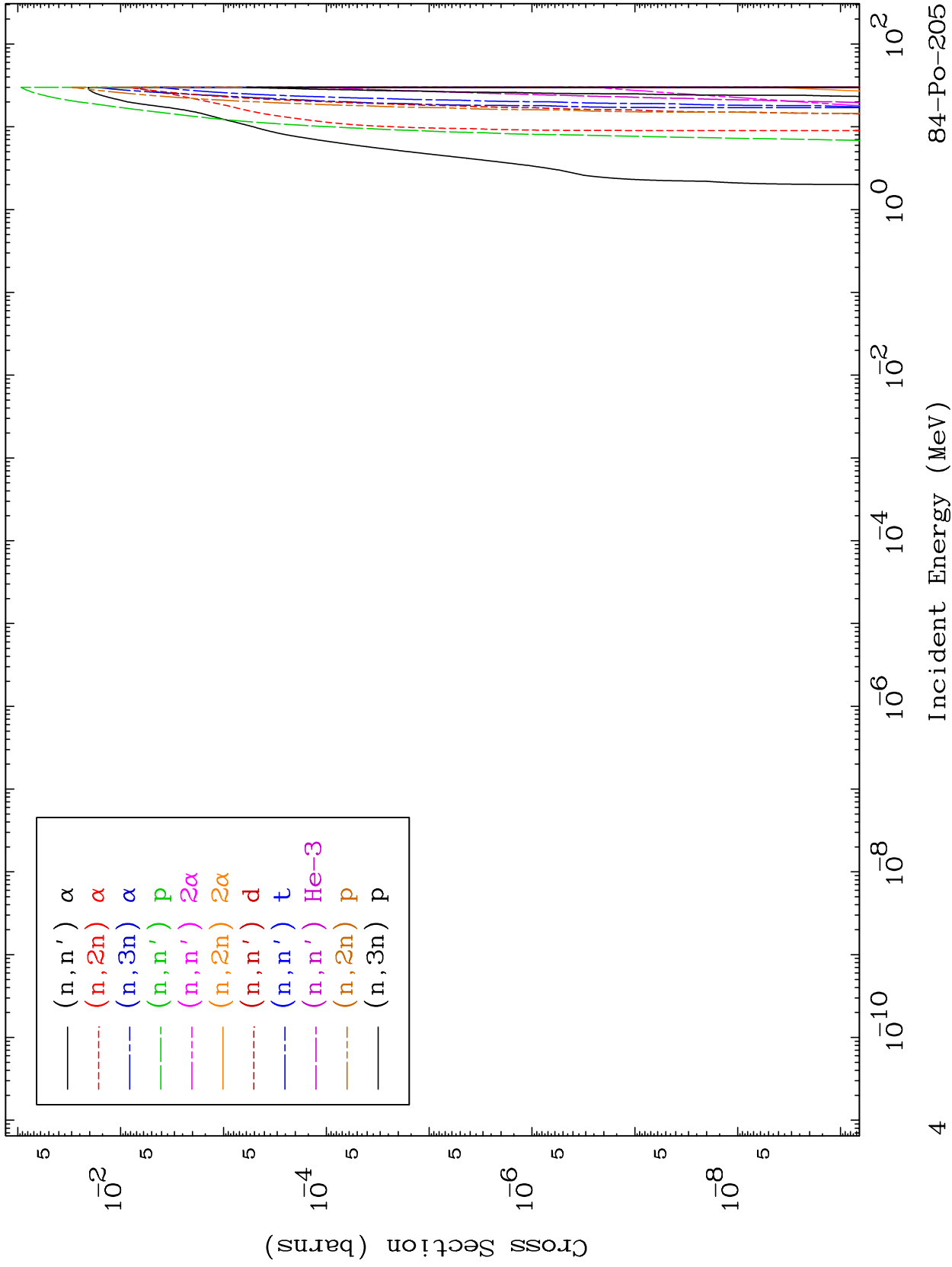
84-Po-205



MAT 8422

Charged Particle
293 Kelvin Cross Sections

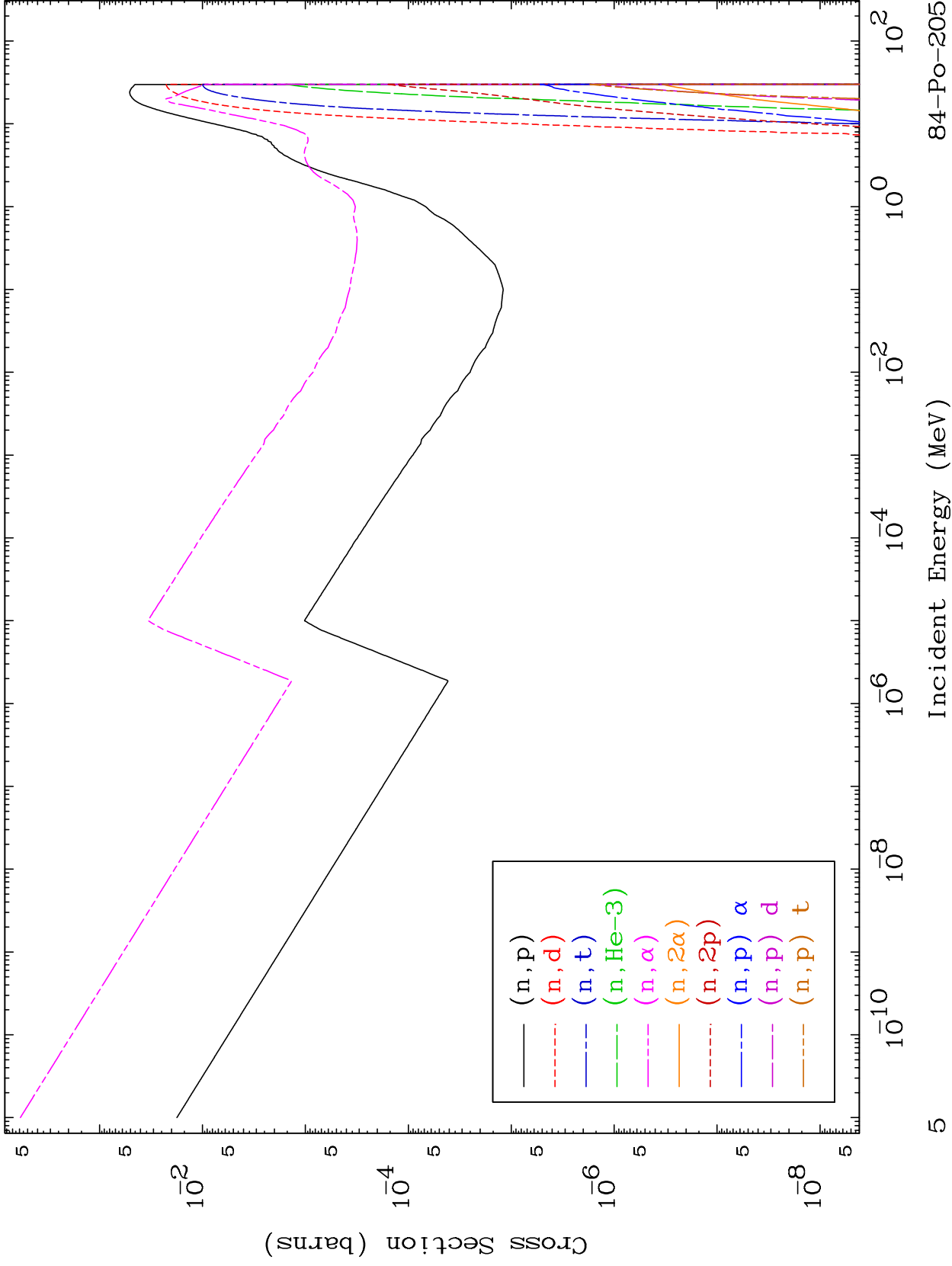
84-Po-205



MAT 8422

Charged Particle
293 Kelvin Cross Sections

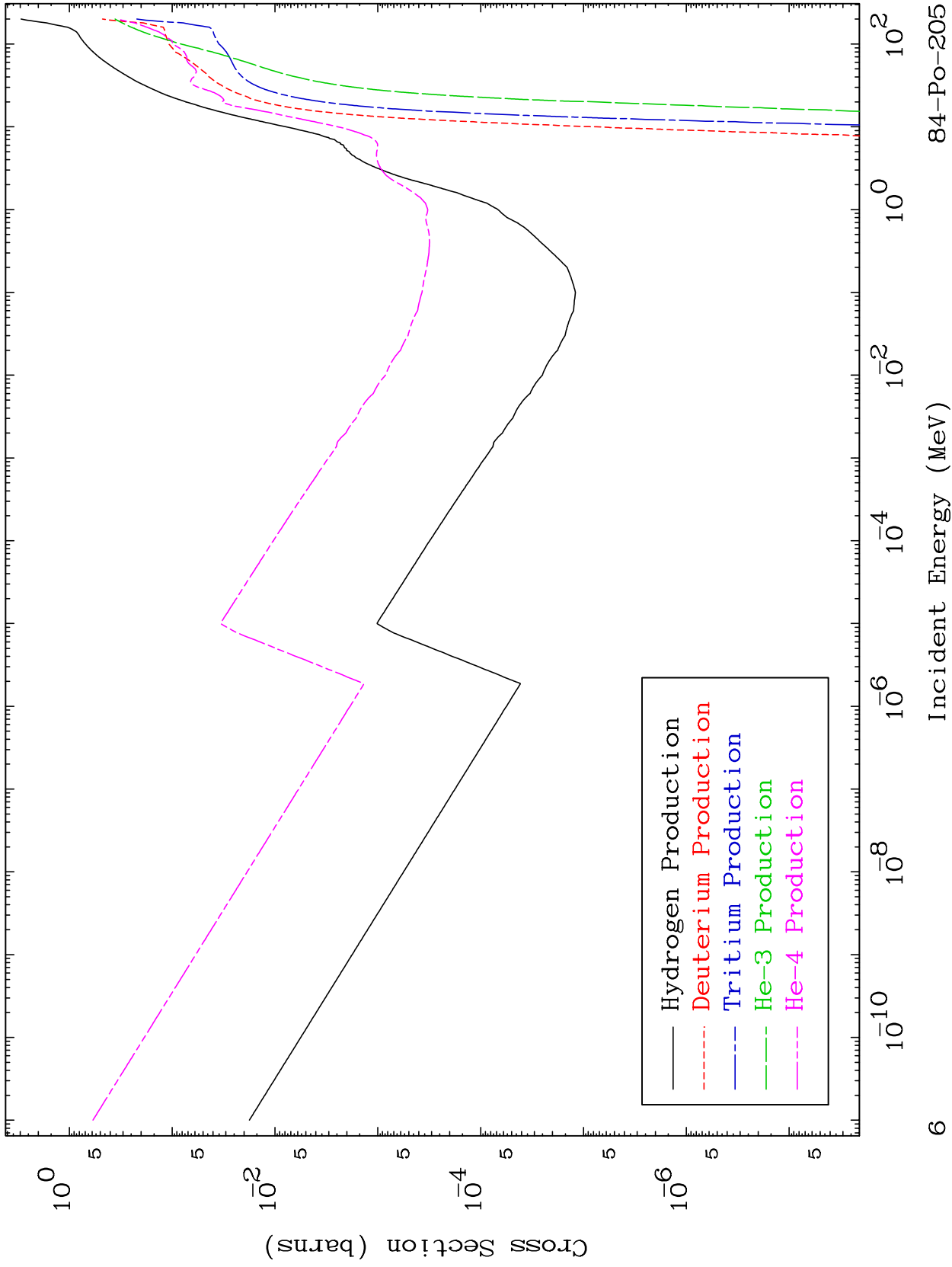
84-Po-205

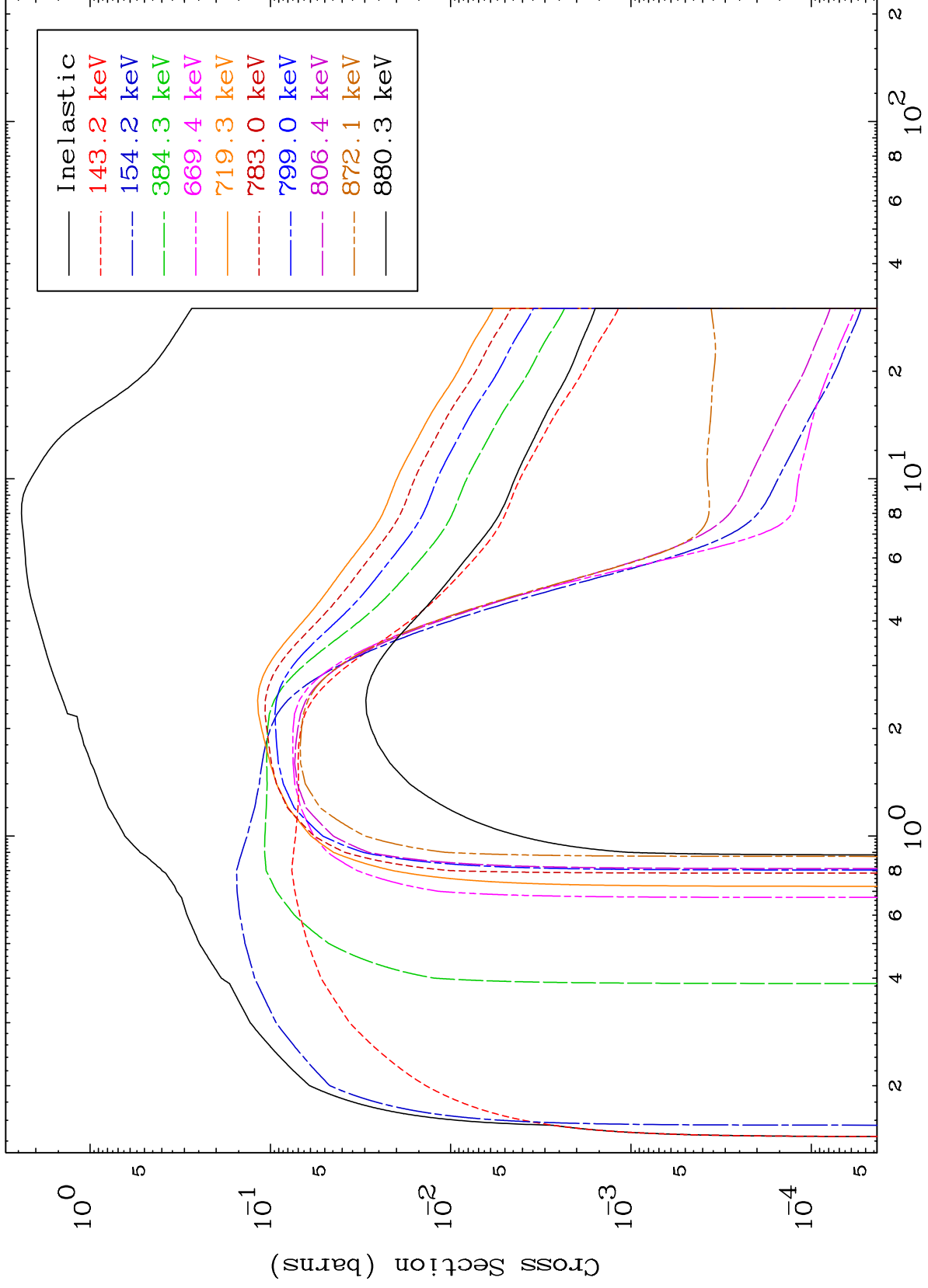


MAT 8422

Particle Production
293 Kelvin Cross Sections

84-Po-205

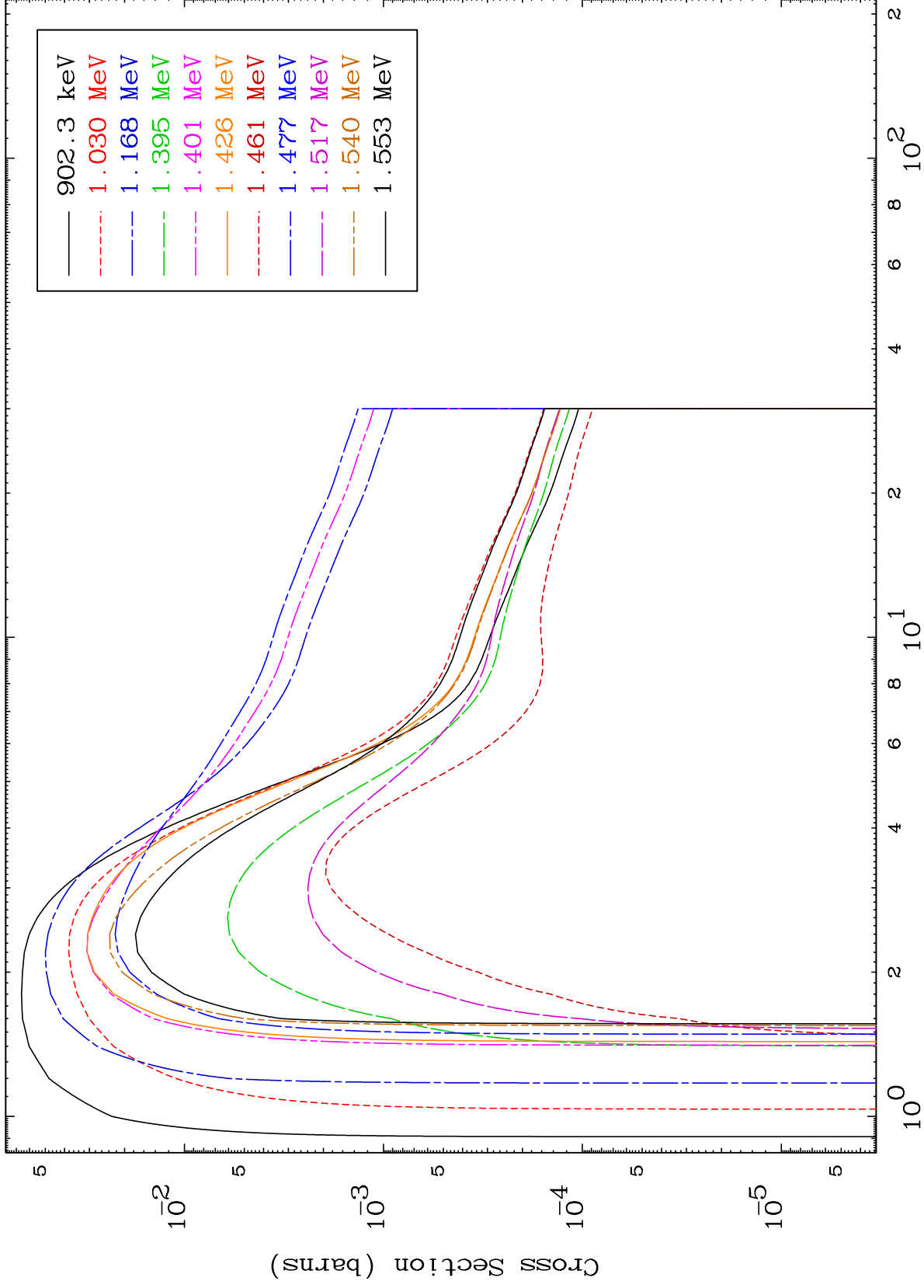




MAT 8422

(n,n') Level
293 Kelvin Cross Sections

84-Po-205



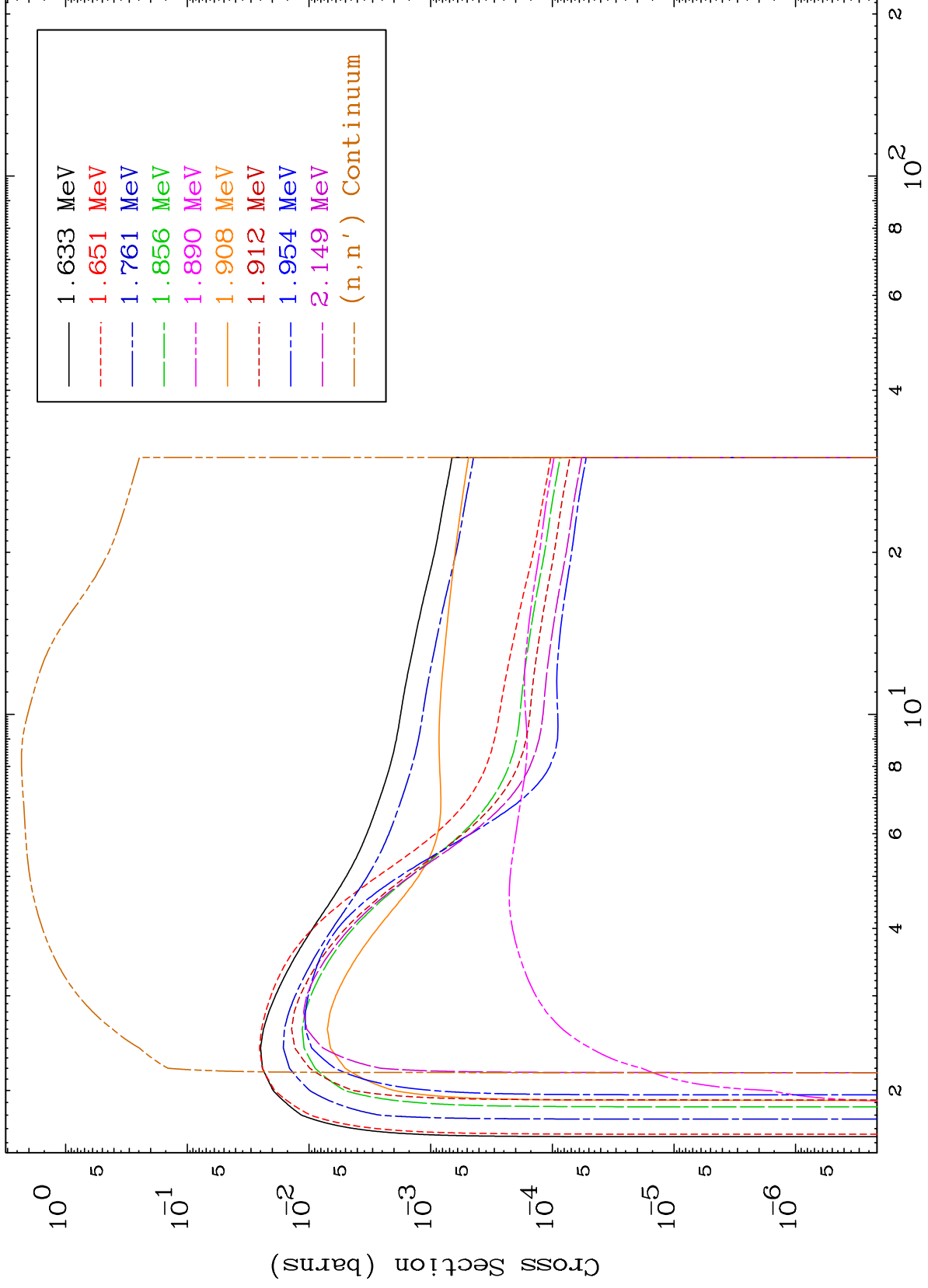
Incident Energy (MeV)

84-Po-205

MAT 8422

(n,n') Level
293 Kelvin Cross Sections

84-Po-205



9

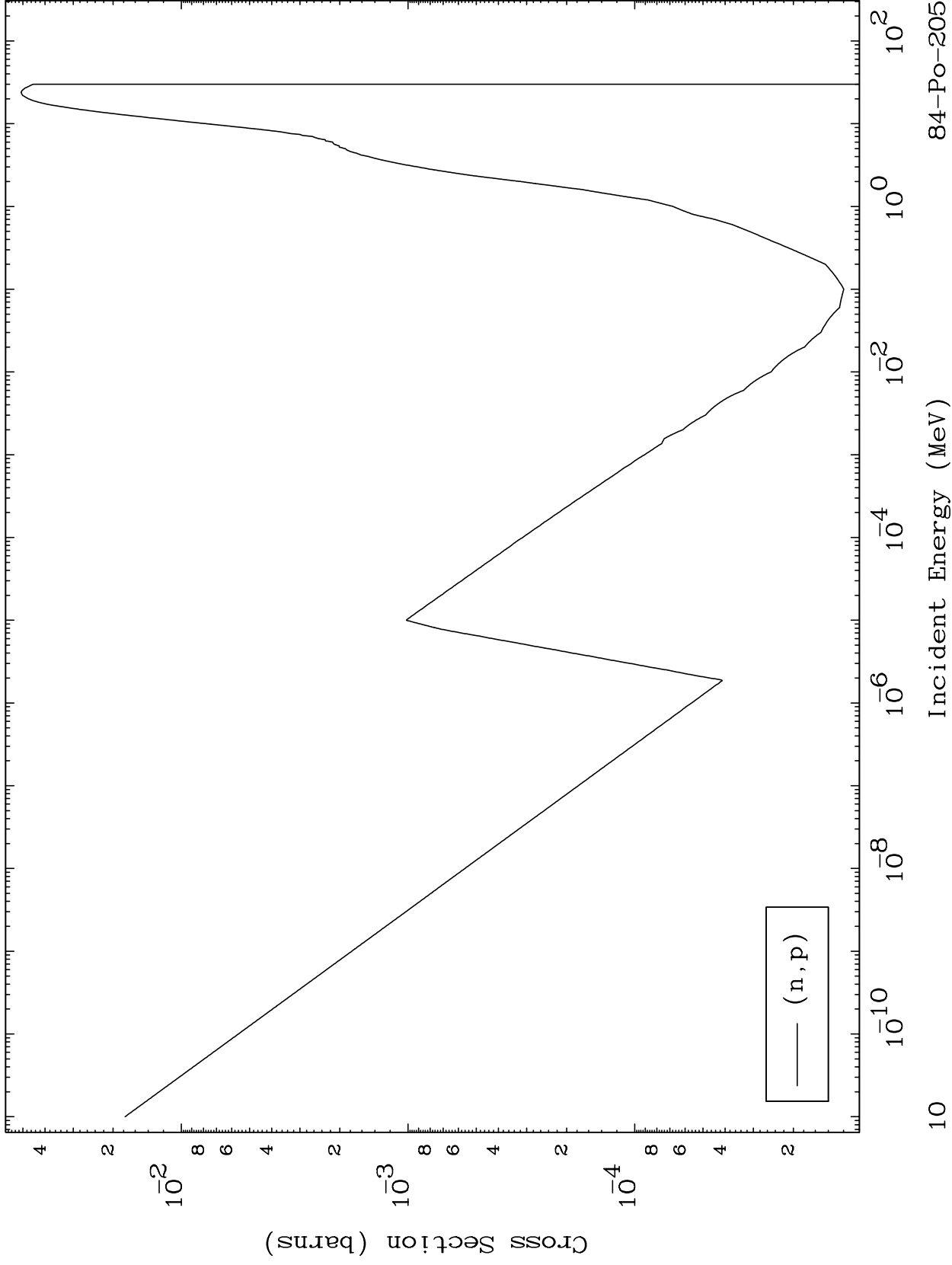
Incident Energy (MeV)

84-Po-205

MAT 8422

(n,p) Levels
293 Kelvin Cross Sections

84-Po-205



10

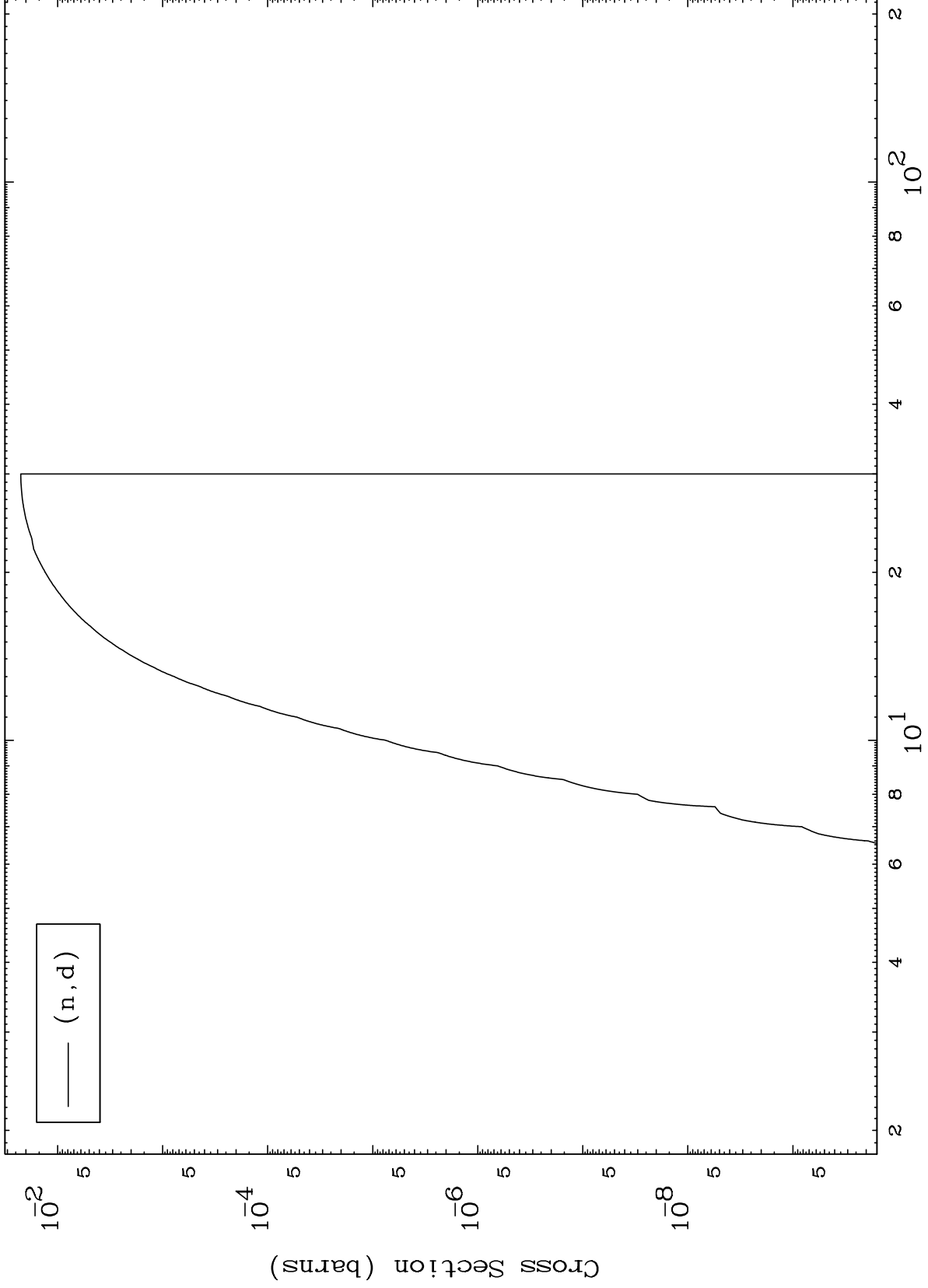
Incident Energy (MeV)

84-Po-205

MAT 8422

(n,d) Levels
293 Kelvin Cross Sections

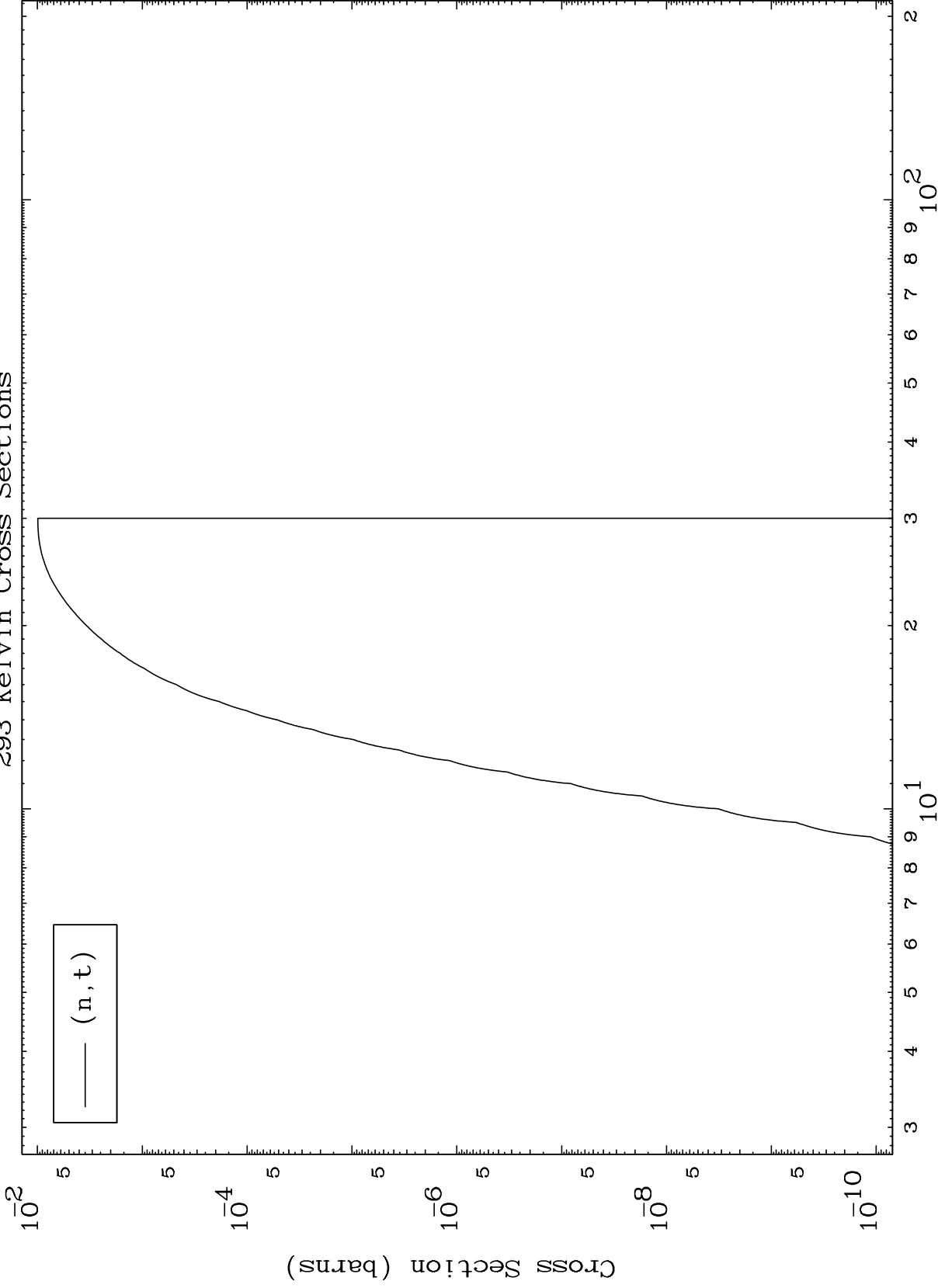
84-Po-205



MAT 8422

(n,t) Levels
293 Kelvin Cross Sections

84-Po-205



12

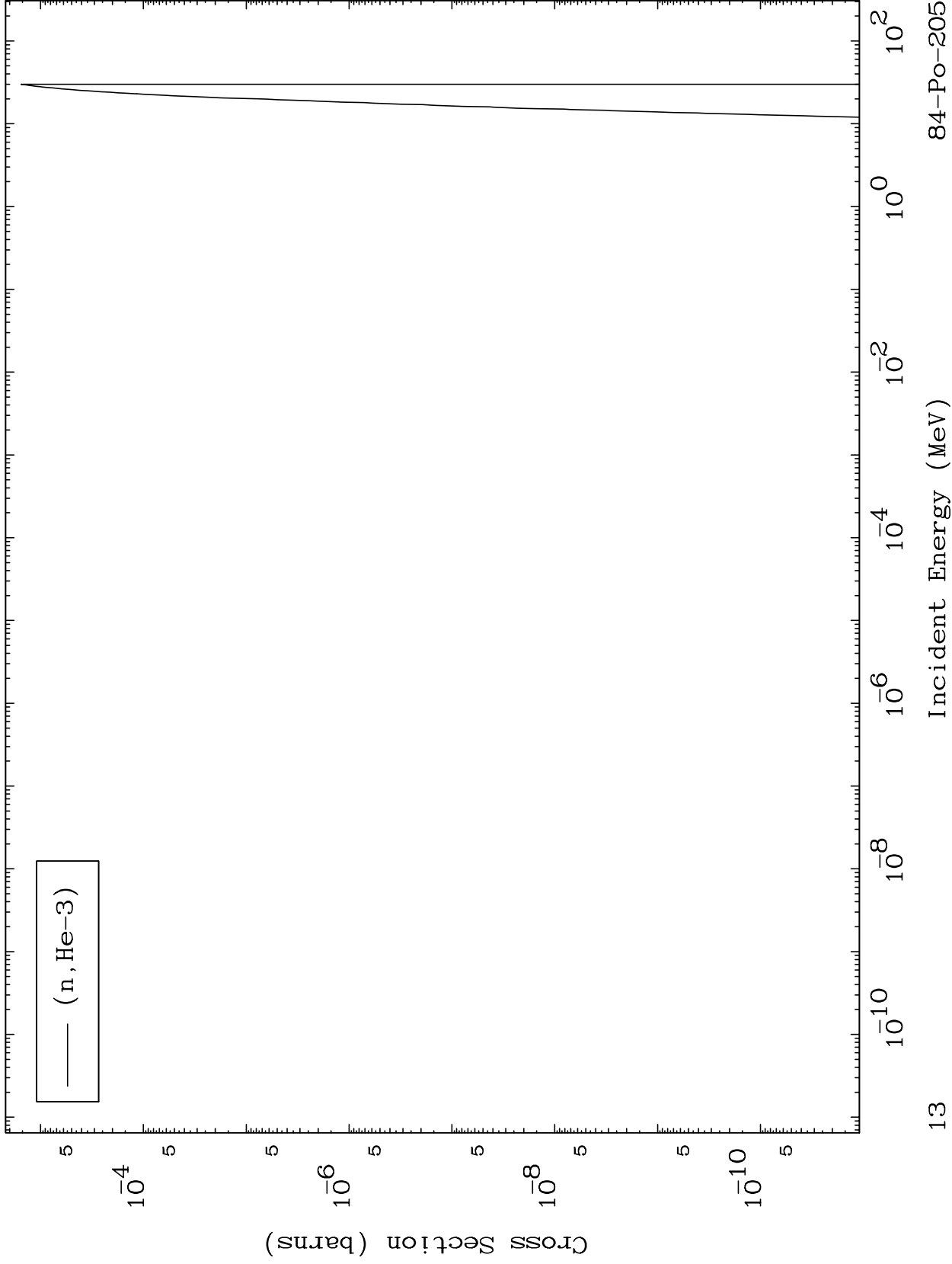
Incident Energy (MeV)

84-Po-205

MAT 8422

(n,He3) Levels
293 Kelvin Cross Sections

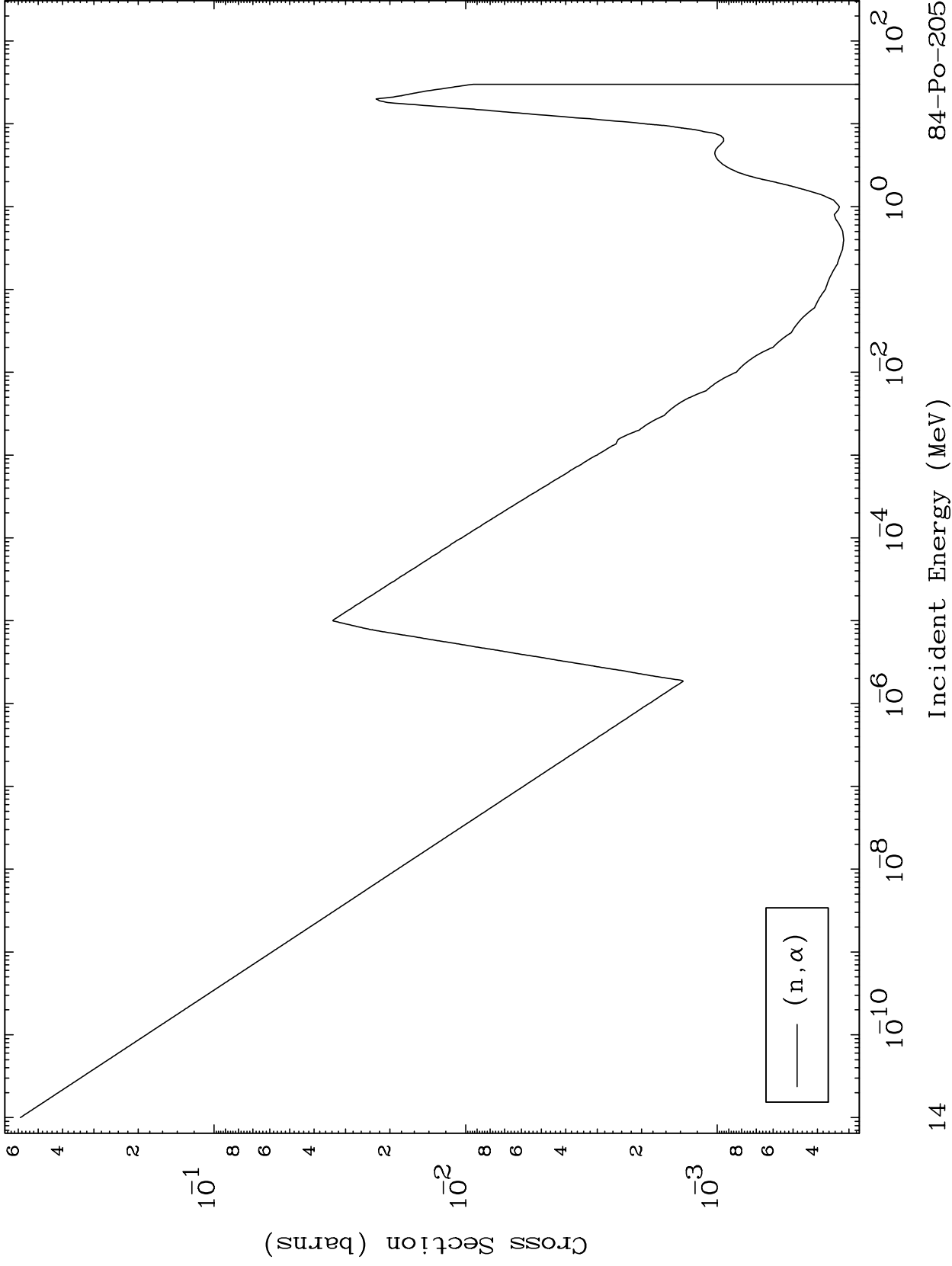
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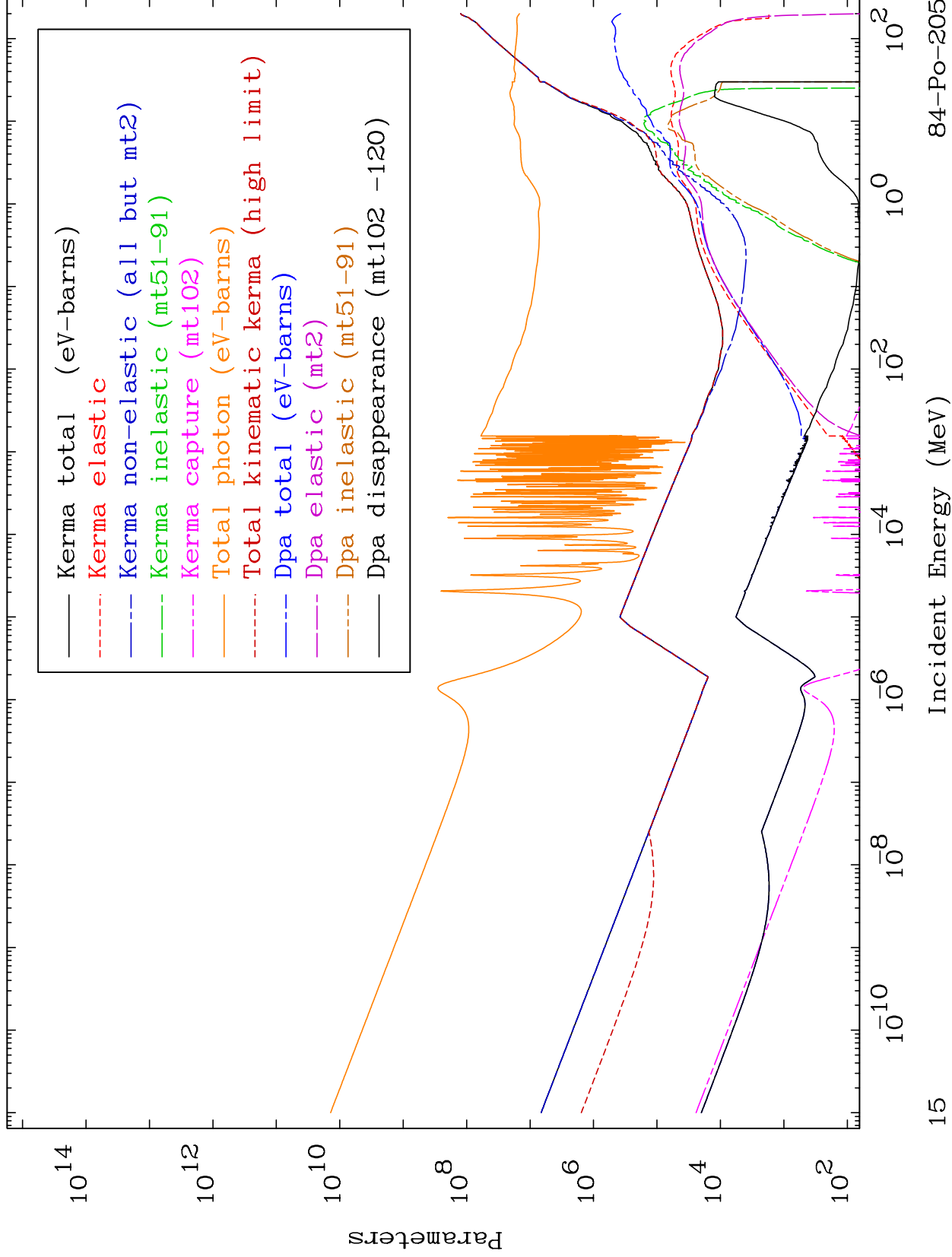


MAT 8422

(n,α) Levels
293 Kelvin Cross Sections

84-Po-205

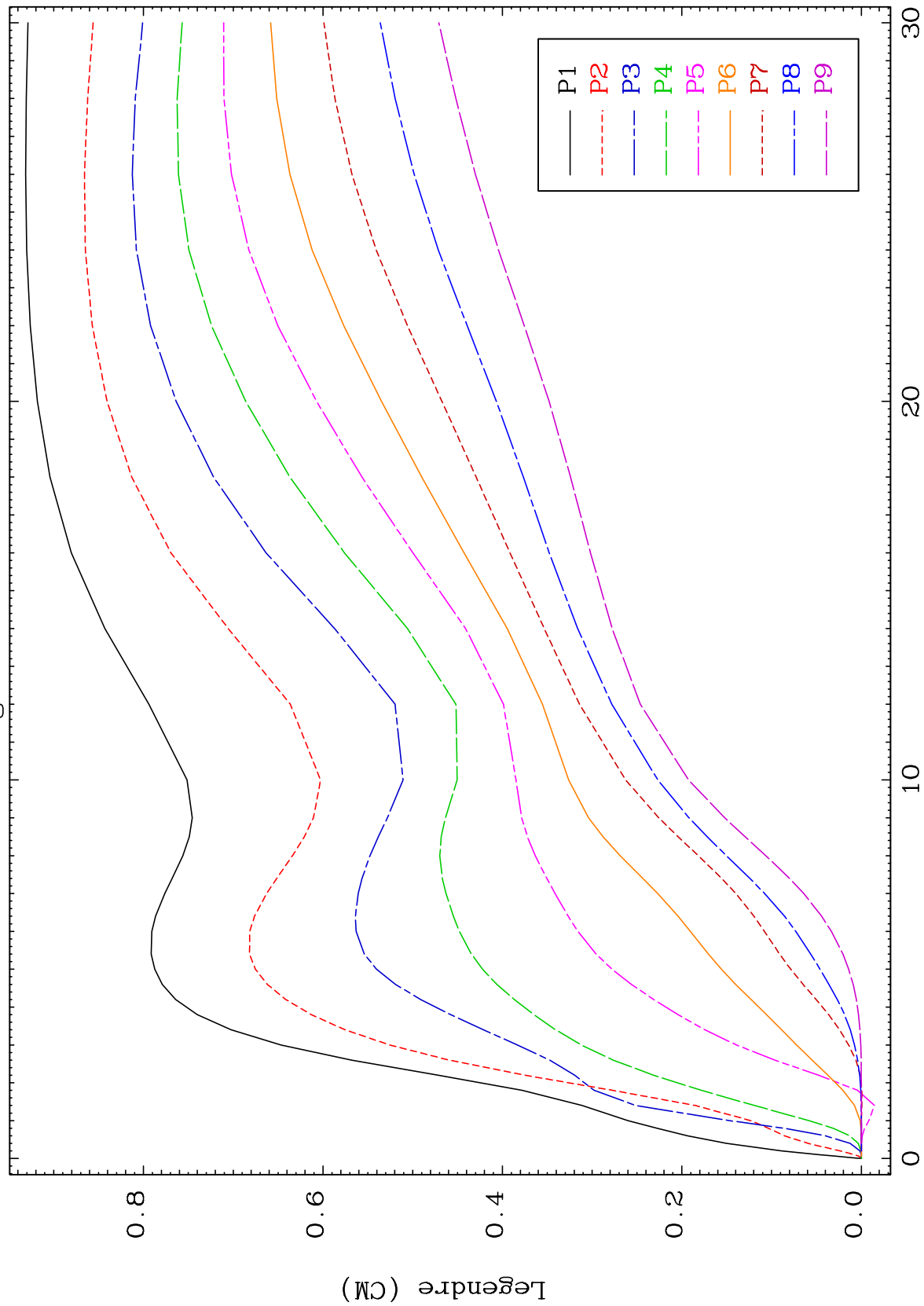




MAT 8422

Elastic Legendre Coefficients

84-Po-205



16

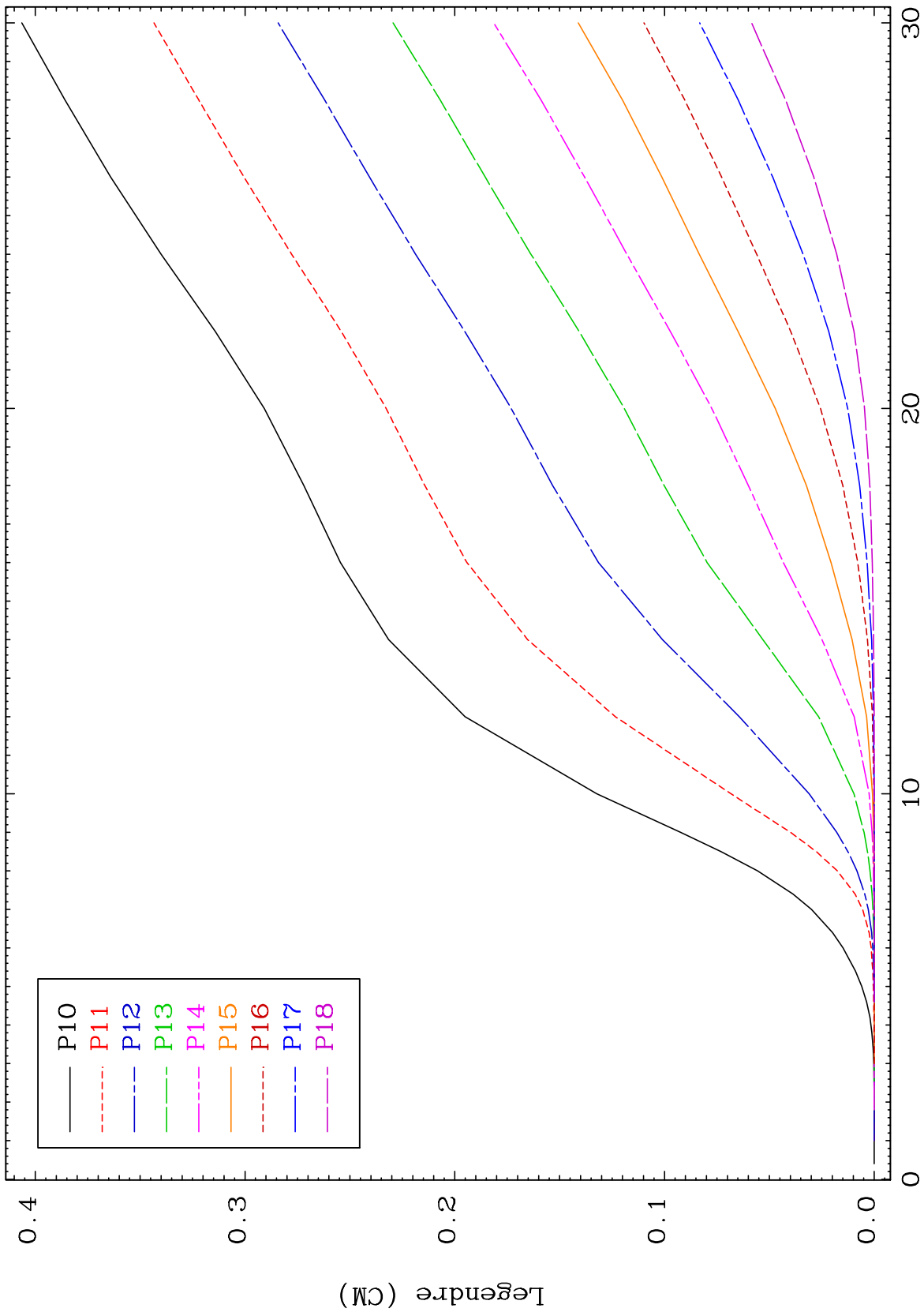
Incident Energy (MeV)

84-Po-205

MAT 8422

Elastic Legendre Coefficients

84-Po-205



17

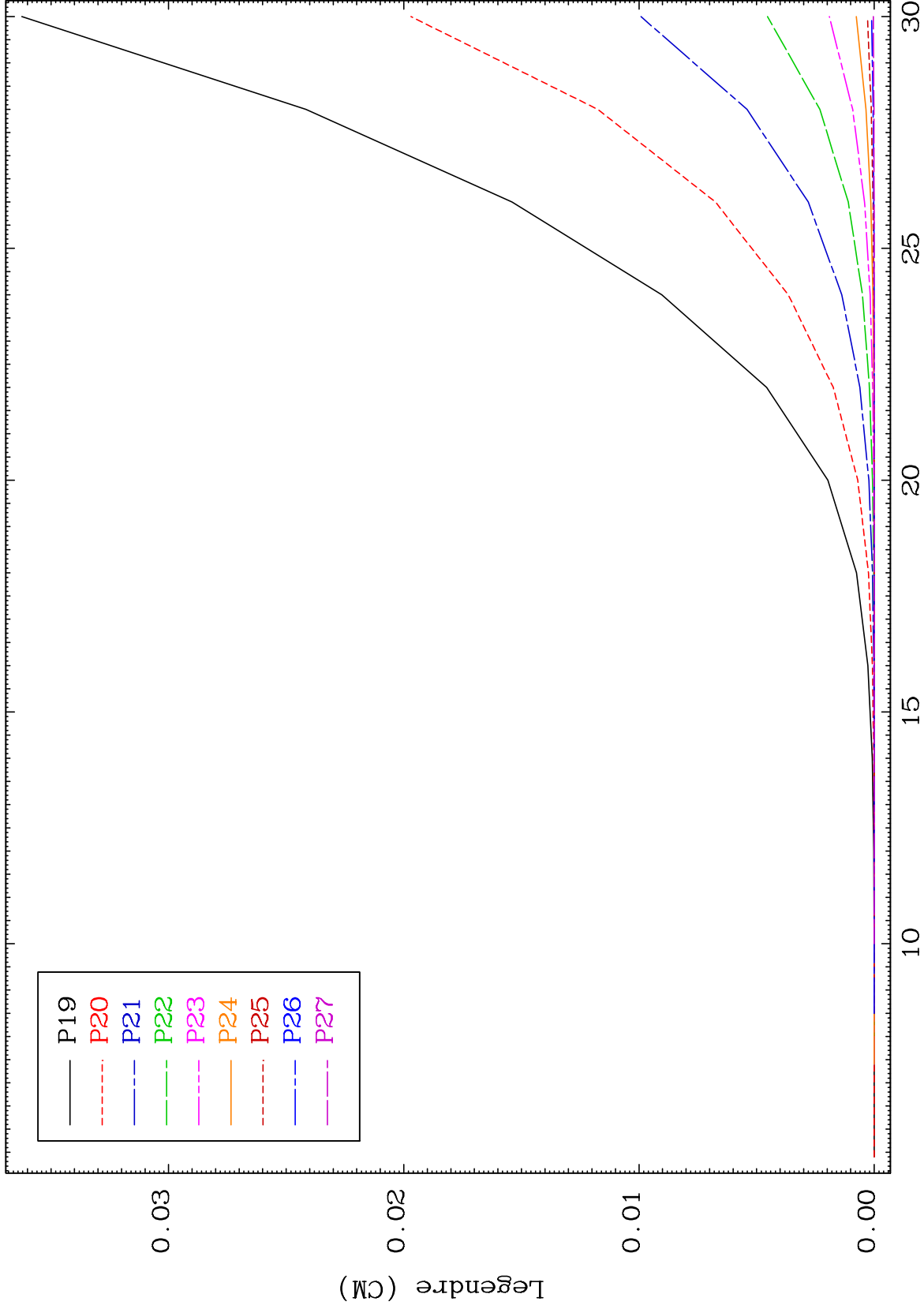
Incident Energy (MeV)

84-Po-205

MAT 8422

Elastic
Legendre Coefficients

84-Po-205



18

Incident Energy (MeV)

84-Po-205

30

25

20

15

10

Legendre (CM)

0.03

0.02

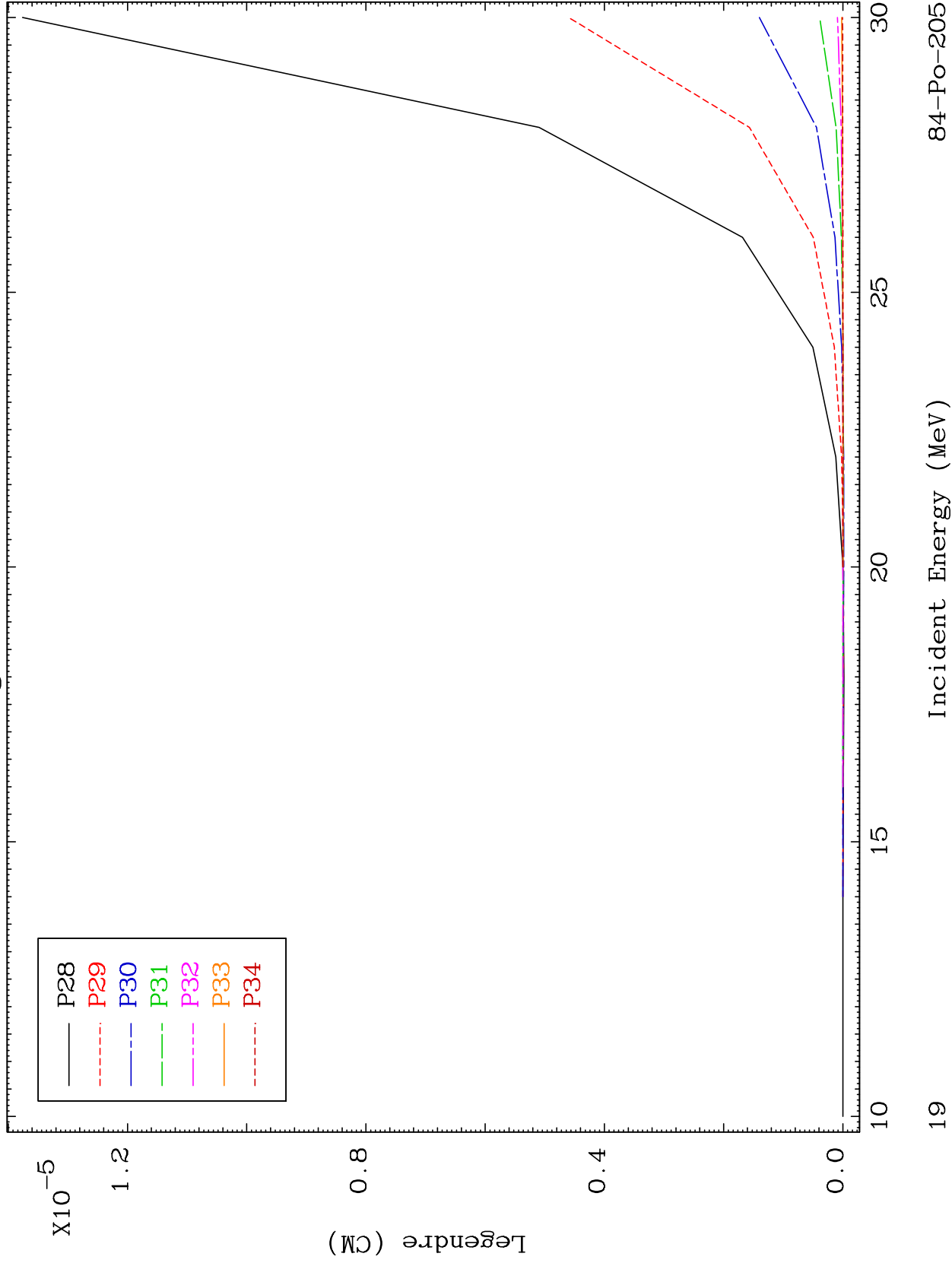
0.01

0.00

MAT 8422

Elastic Legendre Coefficients

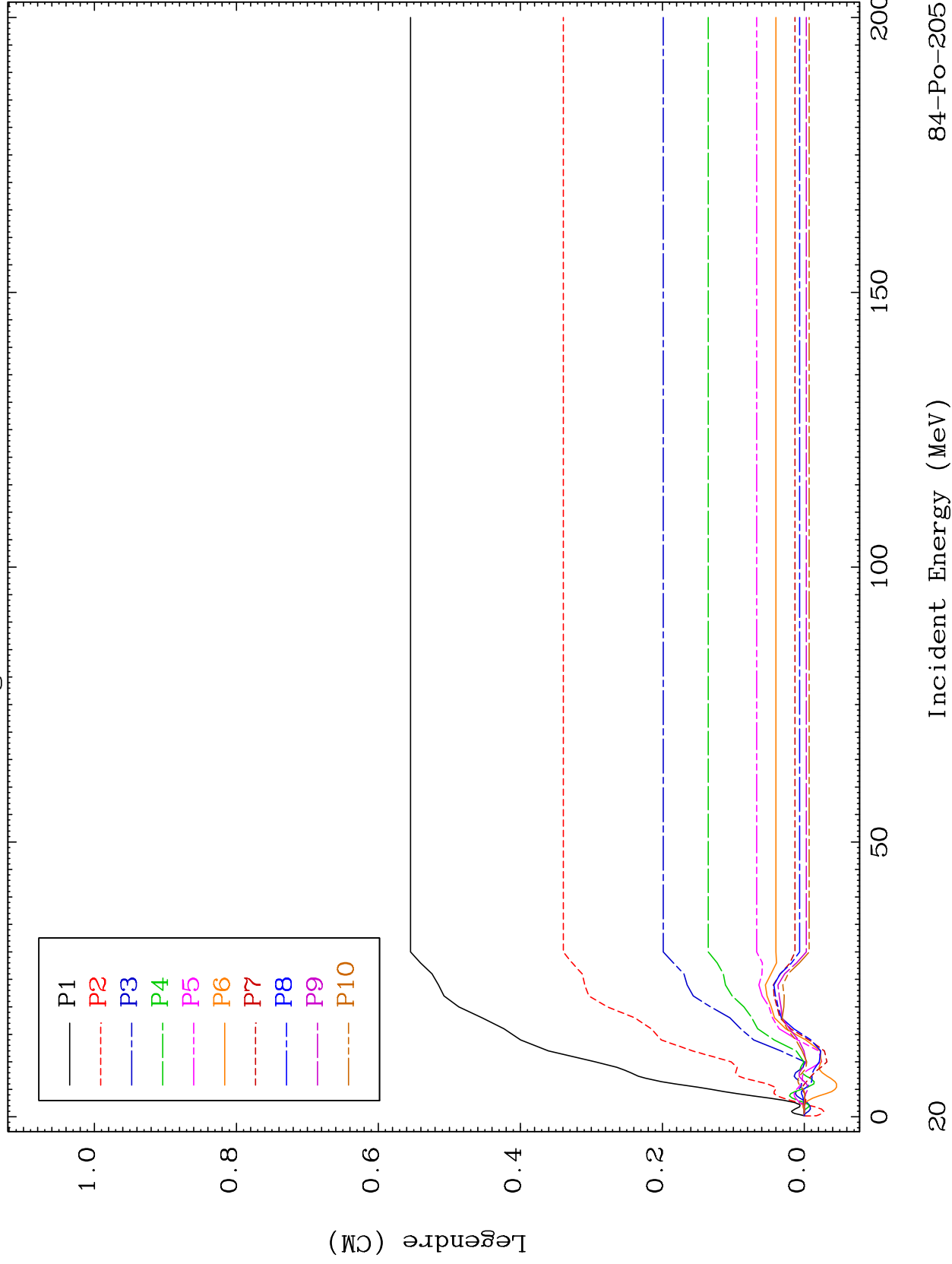
84-Po-205



MAT 8422

143.2 keV (n, n') Level
Legendre Coefficients

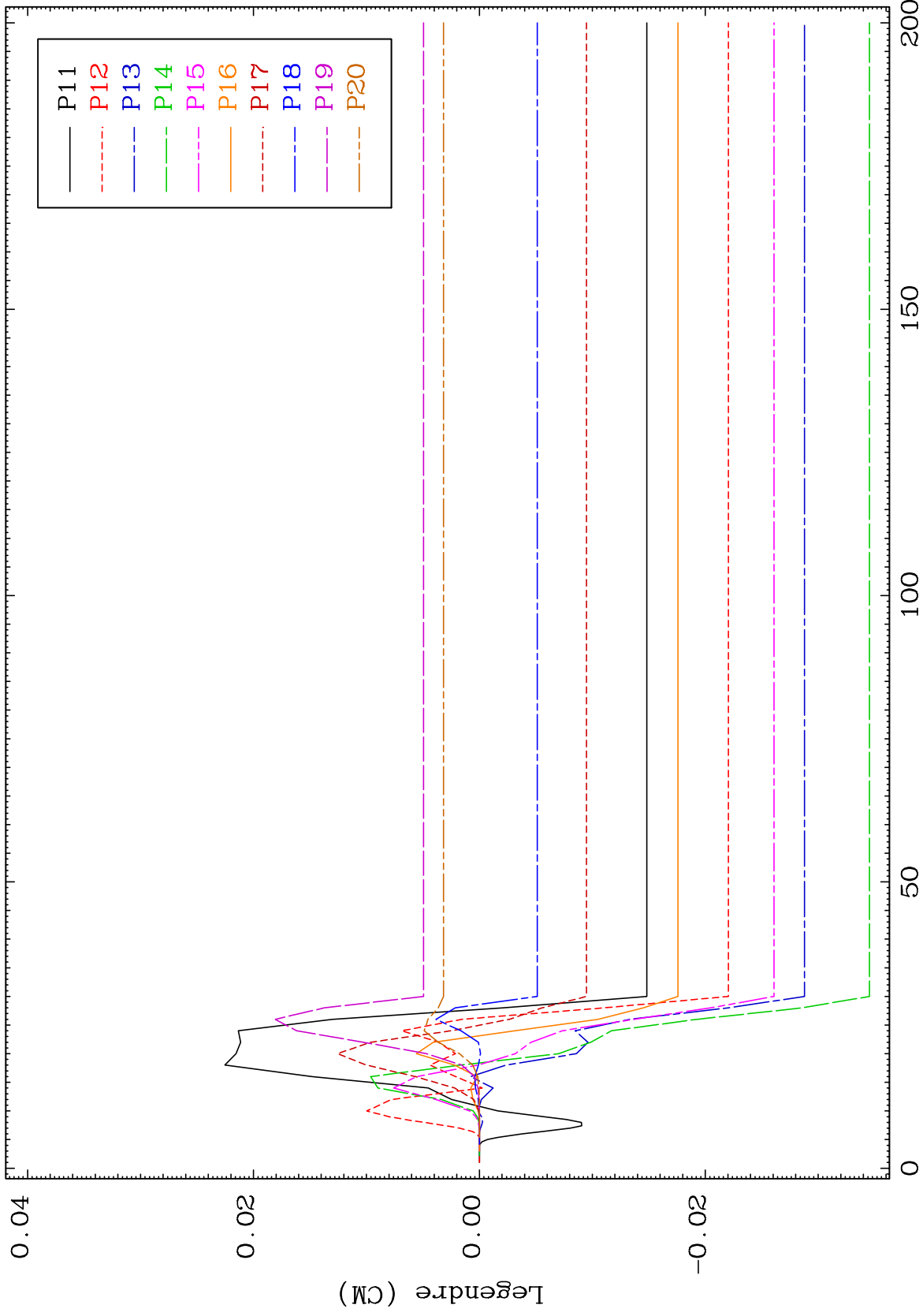
84-Po-205



MAT 8422

143.2 keV (n,n') Level
Legendre Coefficients

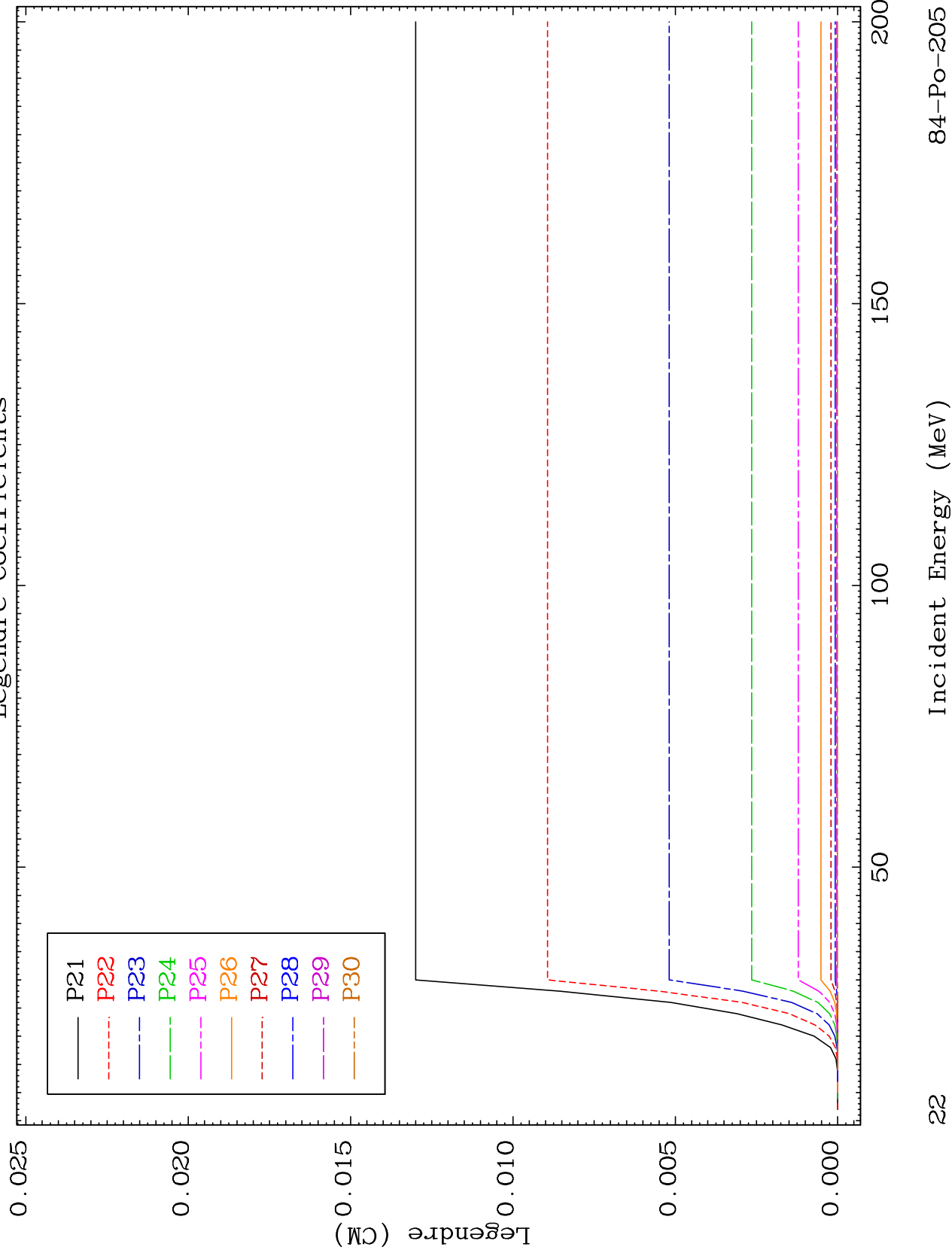
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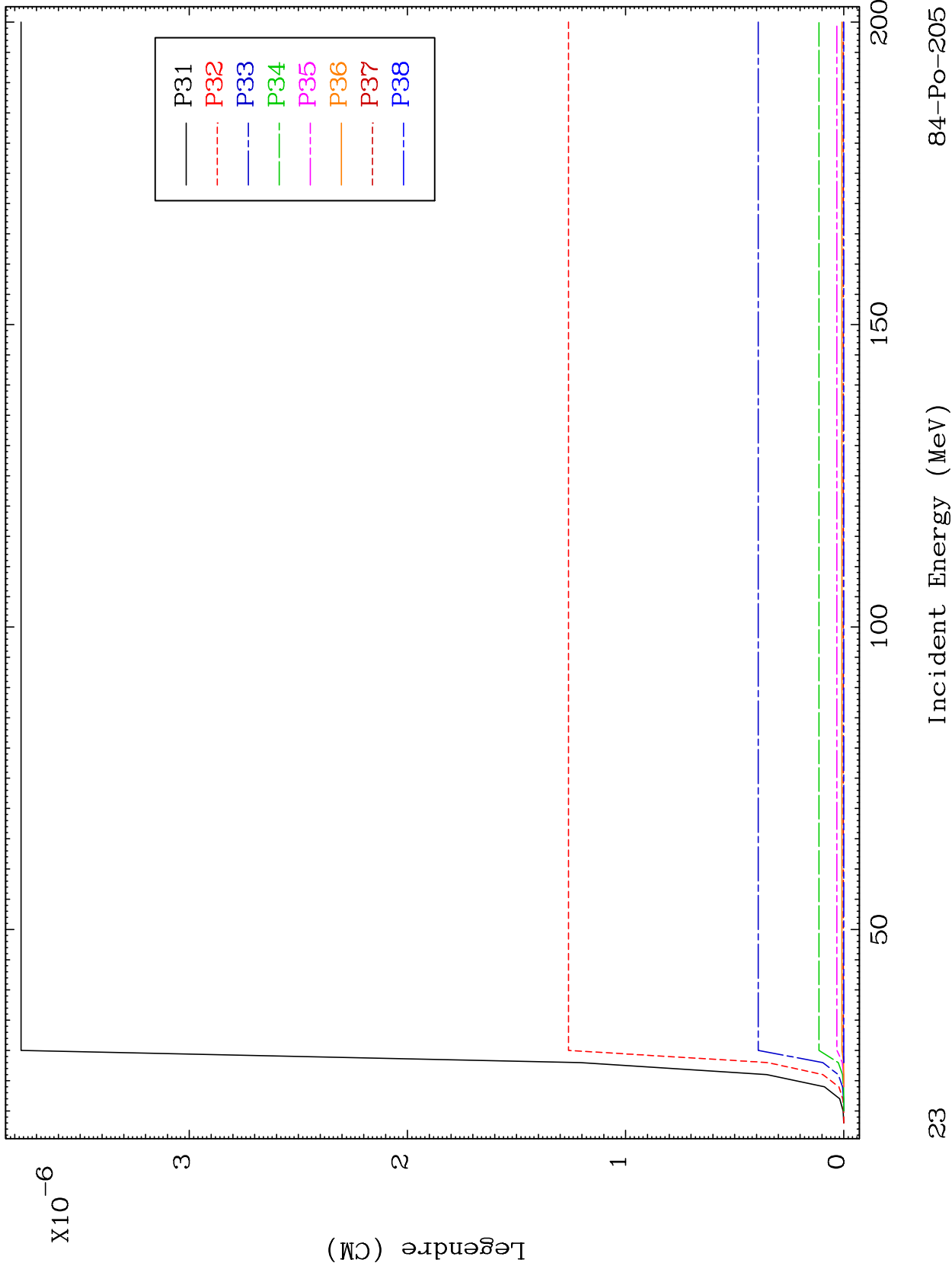


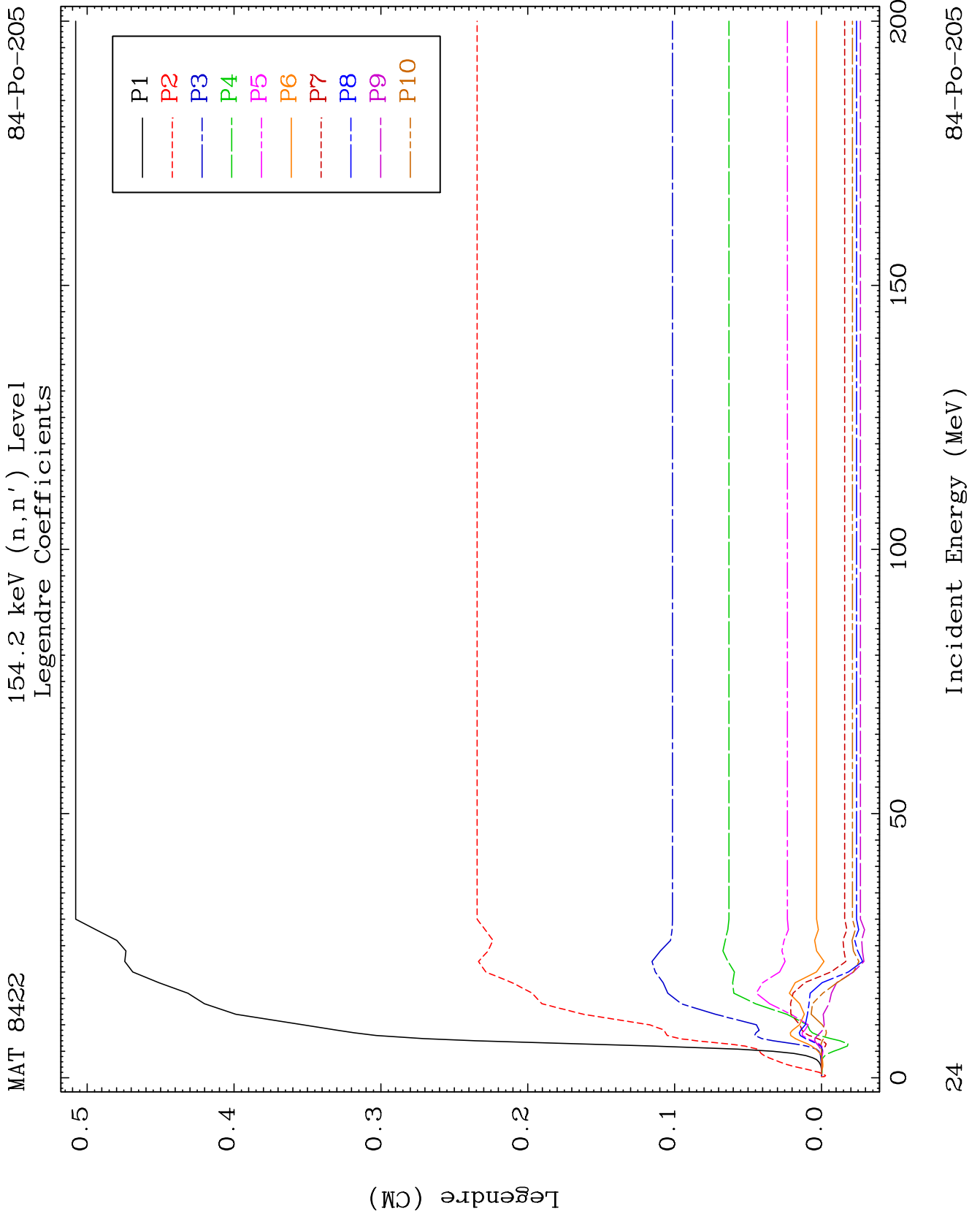
21

Incident Energy (MeV)

84-Po-205



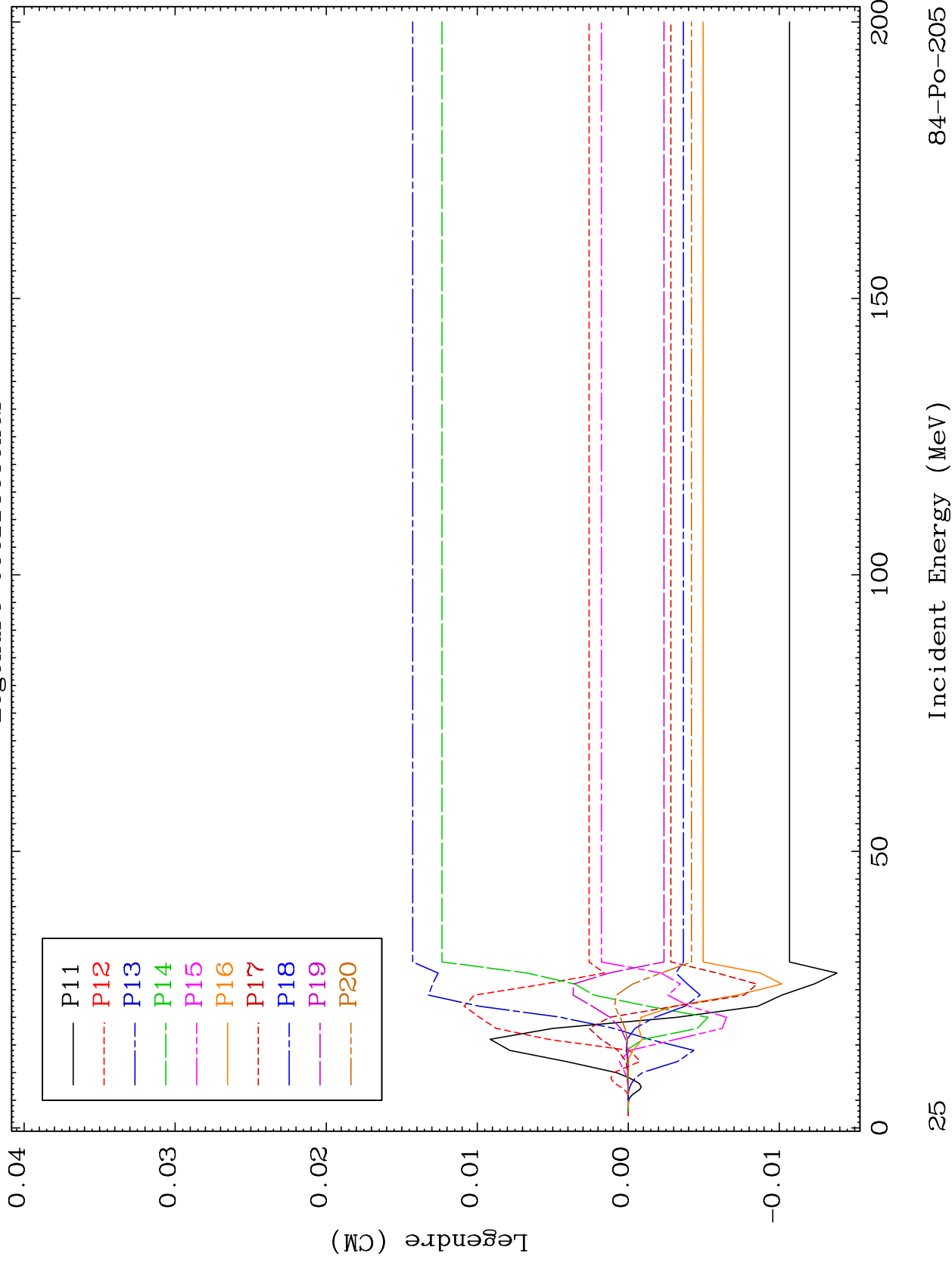




MAT 8422

154.2 keV (n, n') Level
Legendre Coefficients

84-Po-205



84-Po-205

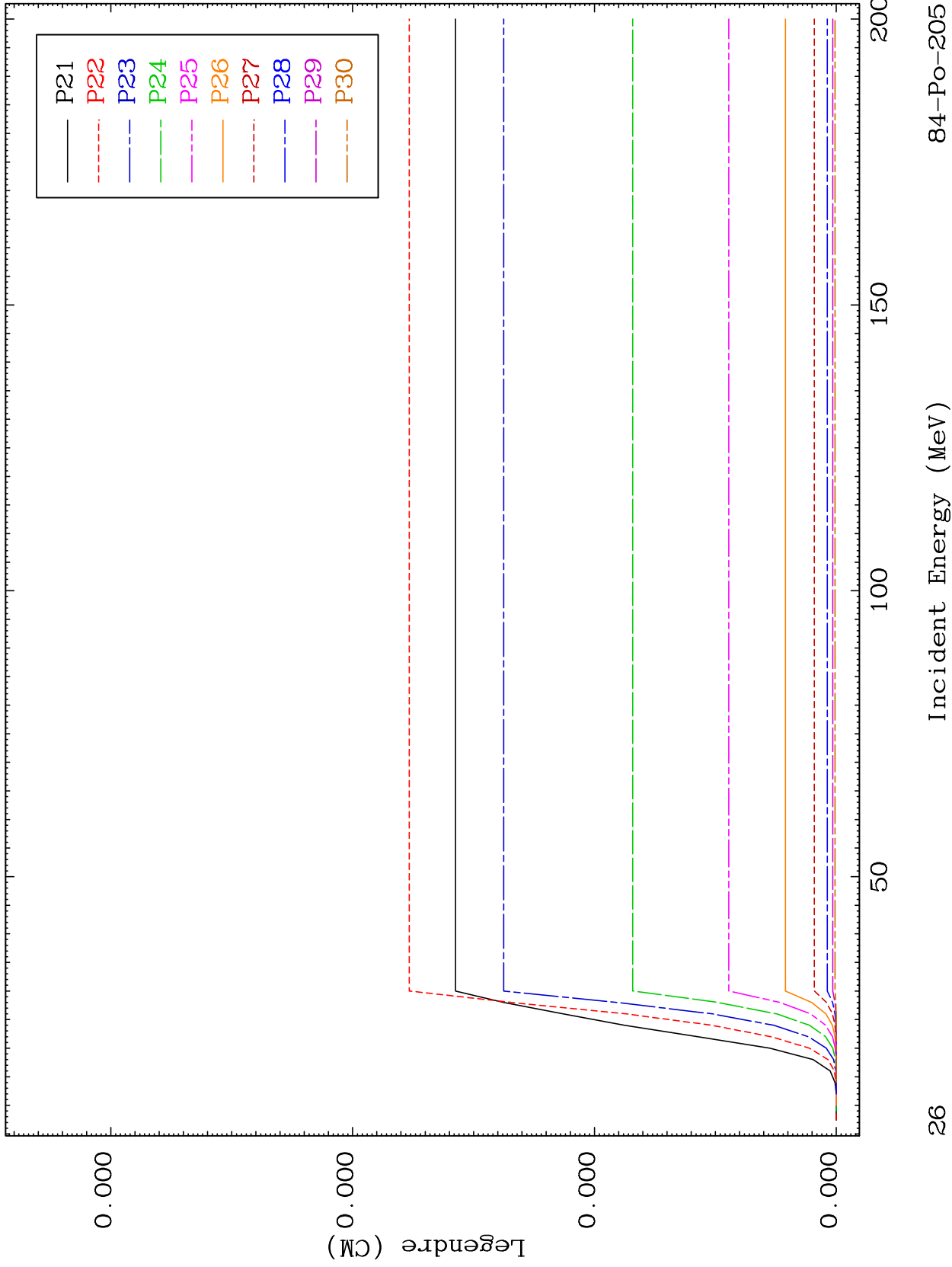
Incident Energy (MeV)

25

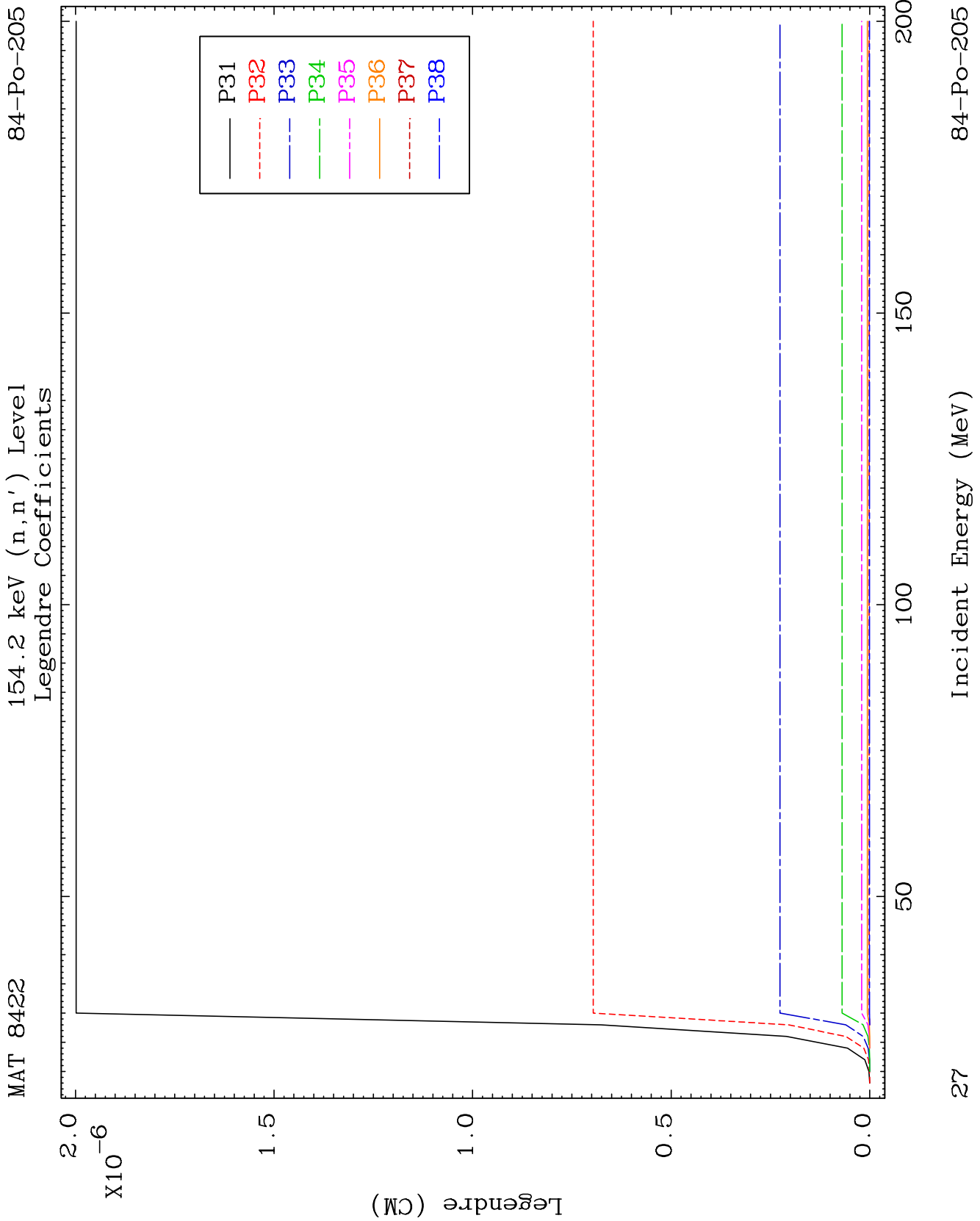
MAT 8422

154.2 keV (n, n') Level
Legendre Coefficients

84-Po-205



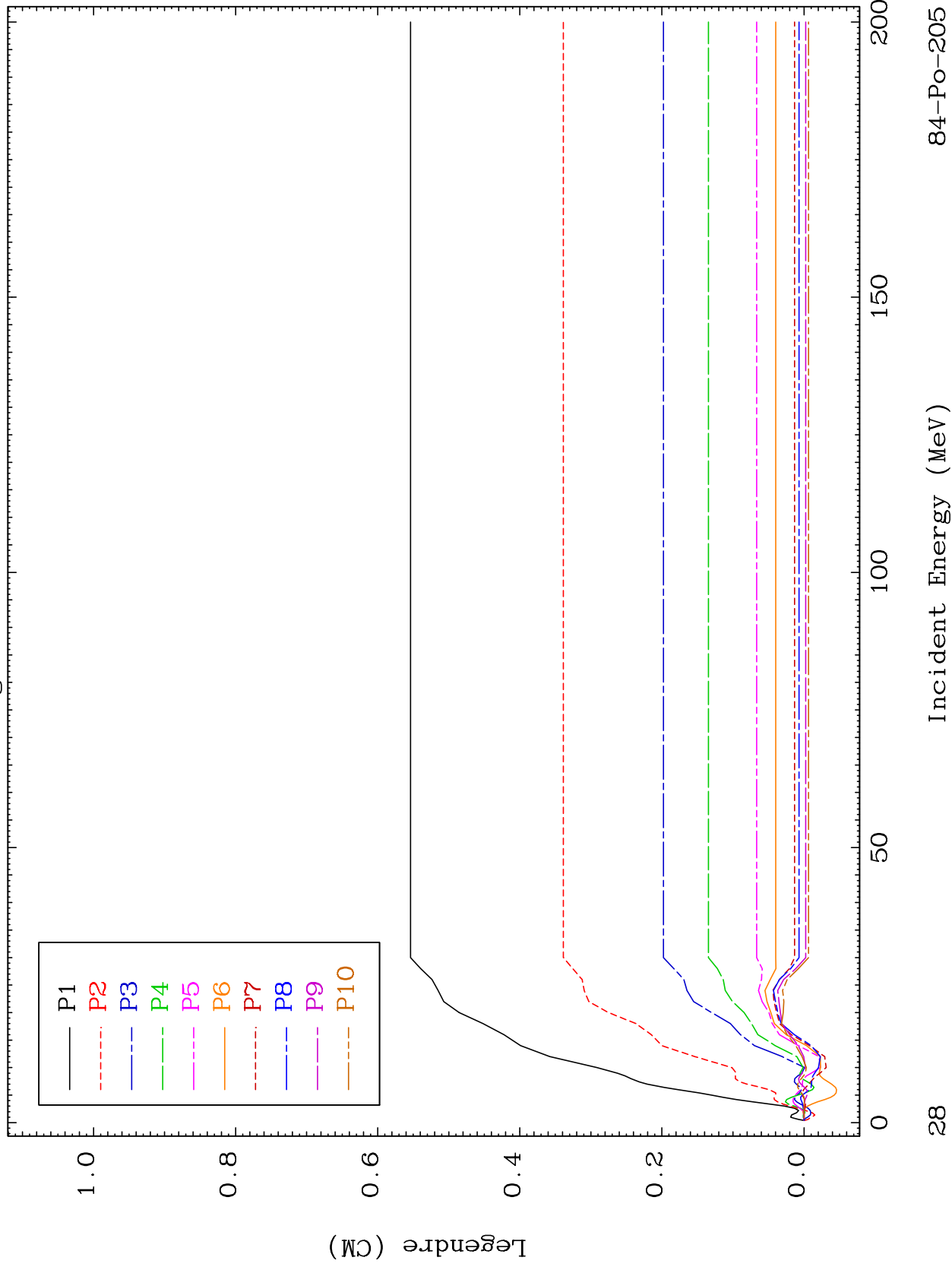
26



MAT 8422

384.3 keV (n, n') Level
Legendre Coefficients

84-Po-205



28

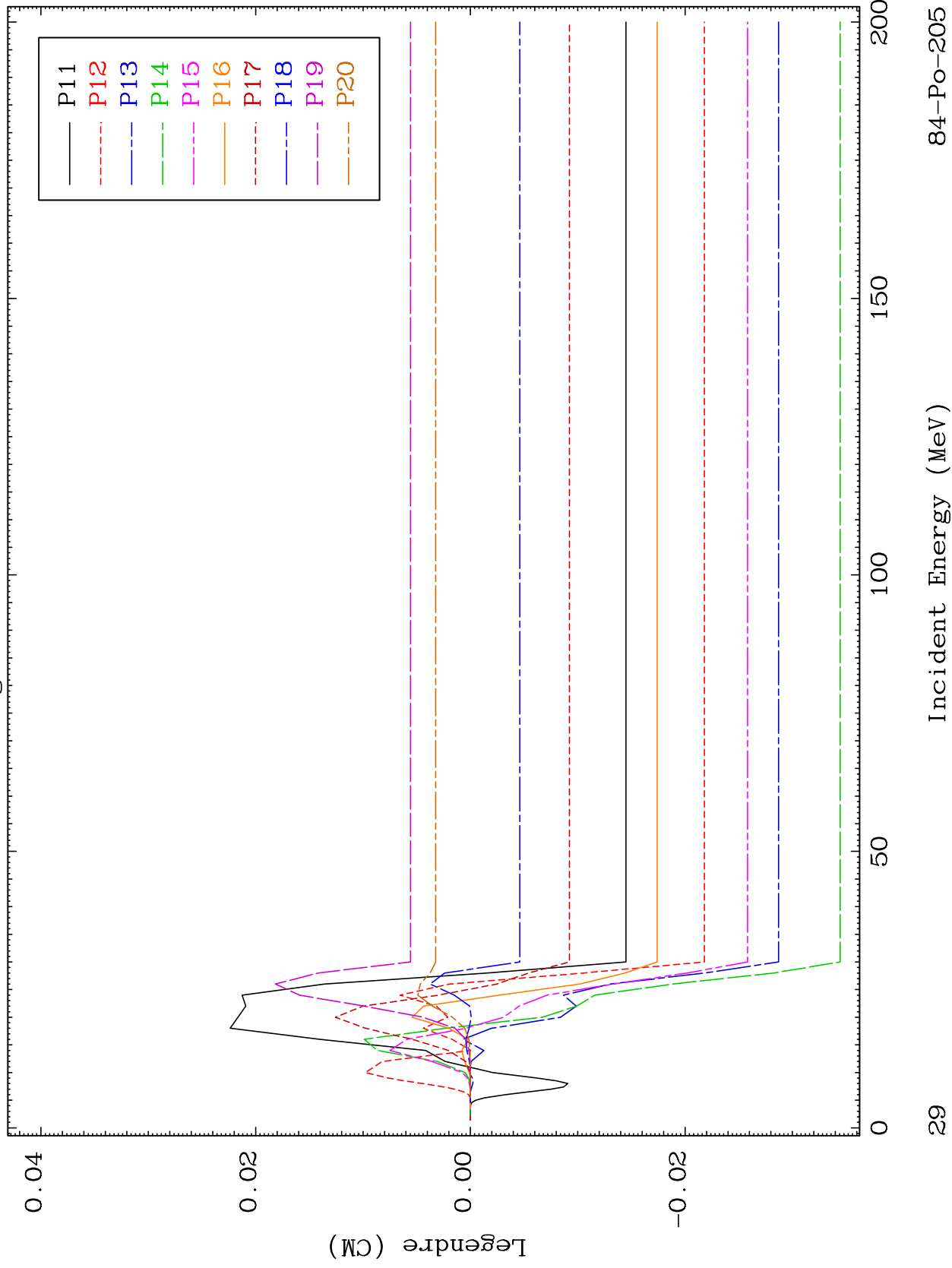
Incident Energy (MeV)

84-Po-205

MAT 8422

384.3 keV (n,n') Level
Legendre Coefficients

84-Po-205



29

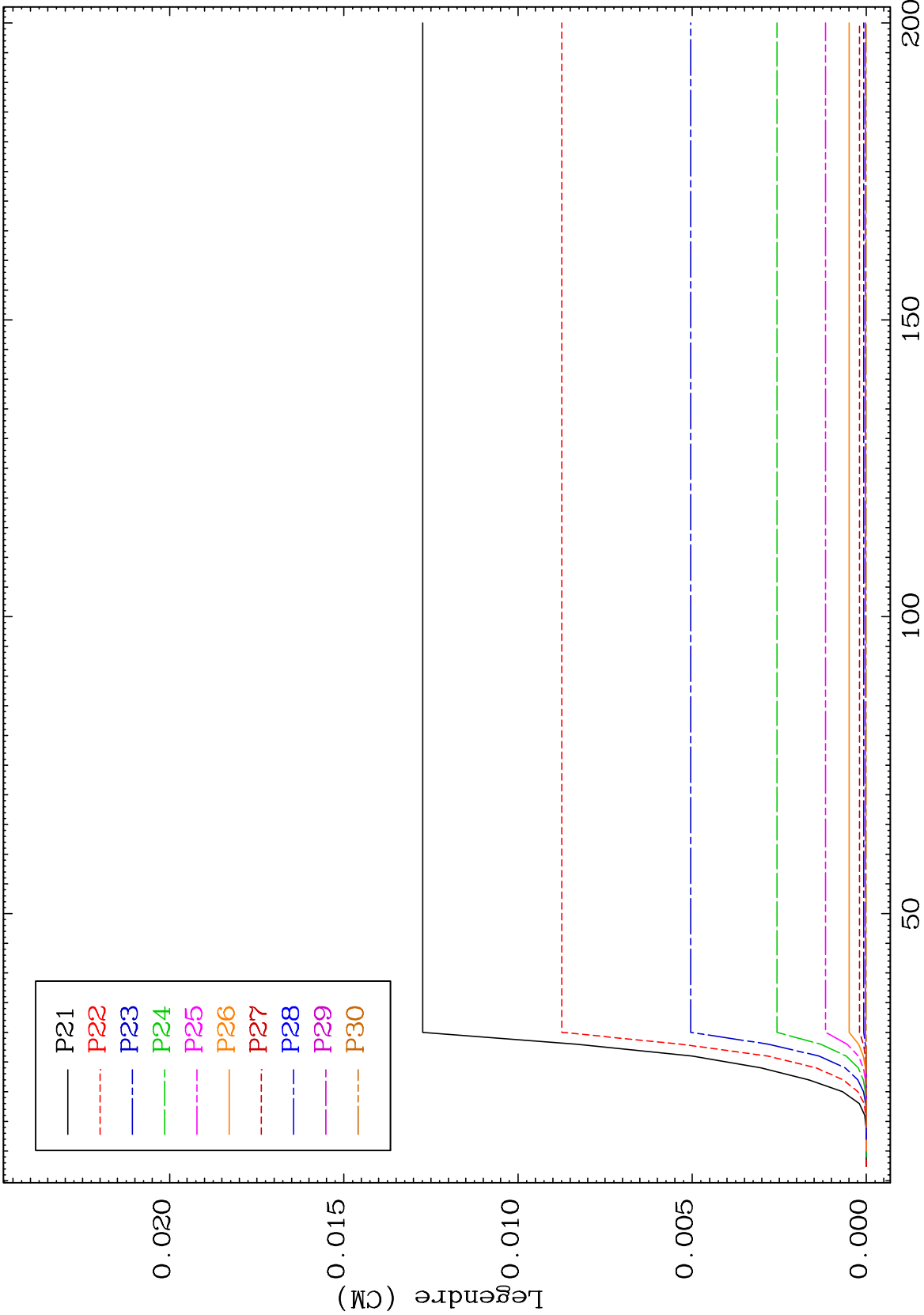
Incident Energy (MeV)

84-Po-205

MAT 8422

384.3 keV (n,n') Level
Legendre Coefficients

84-Po-205



30

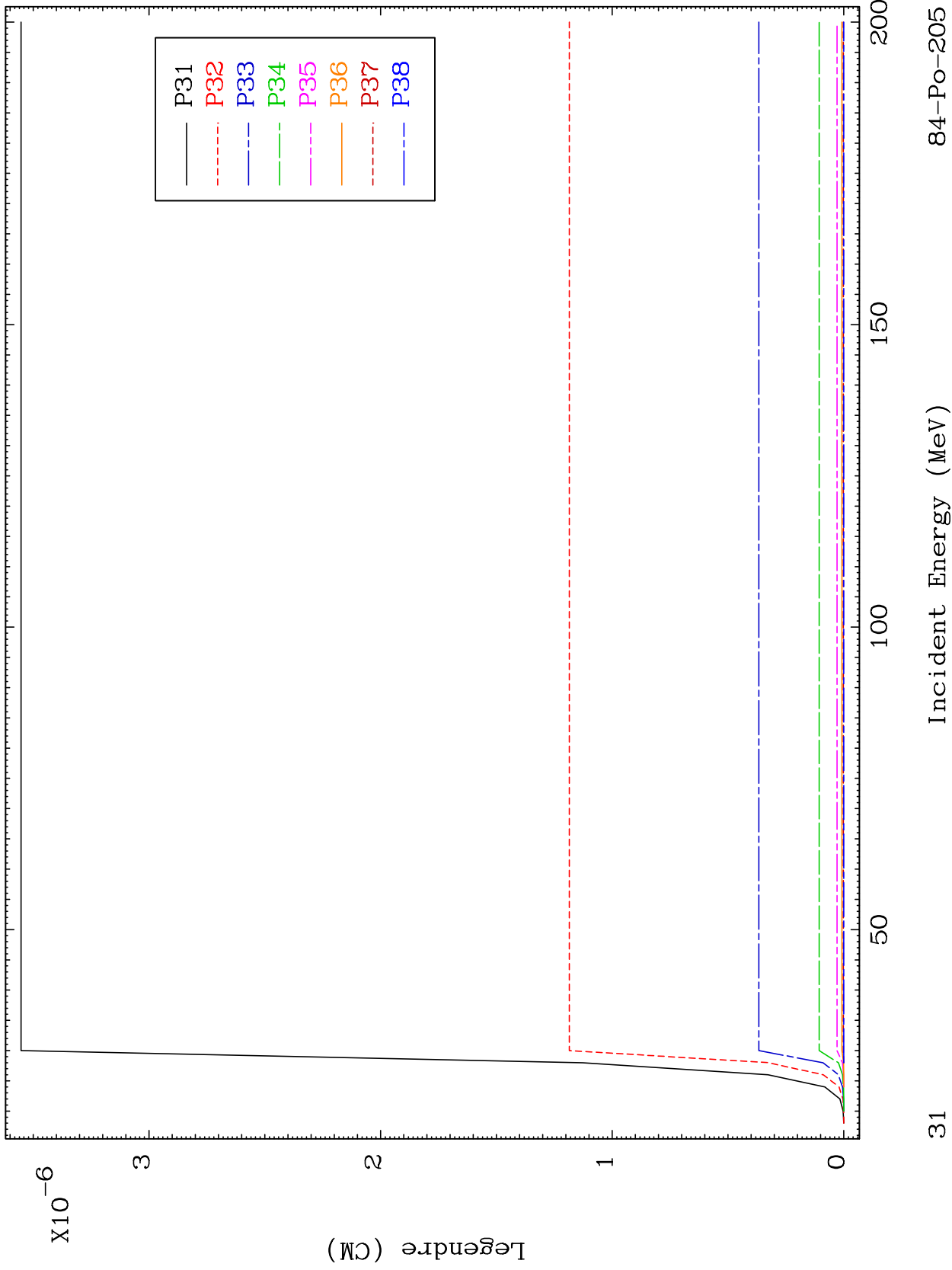
Incident Energy (MeV)

84-Po-205

MAT 8422

384.3 keV (n,n') Level
Legendre Coefficients

84-Po-205



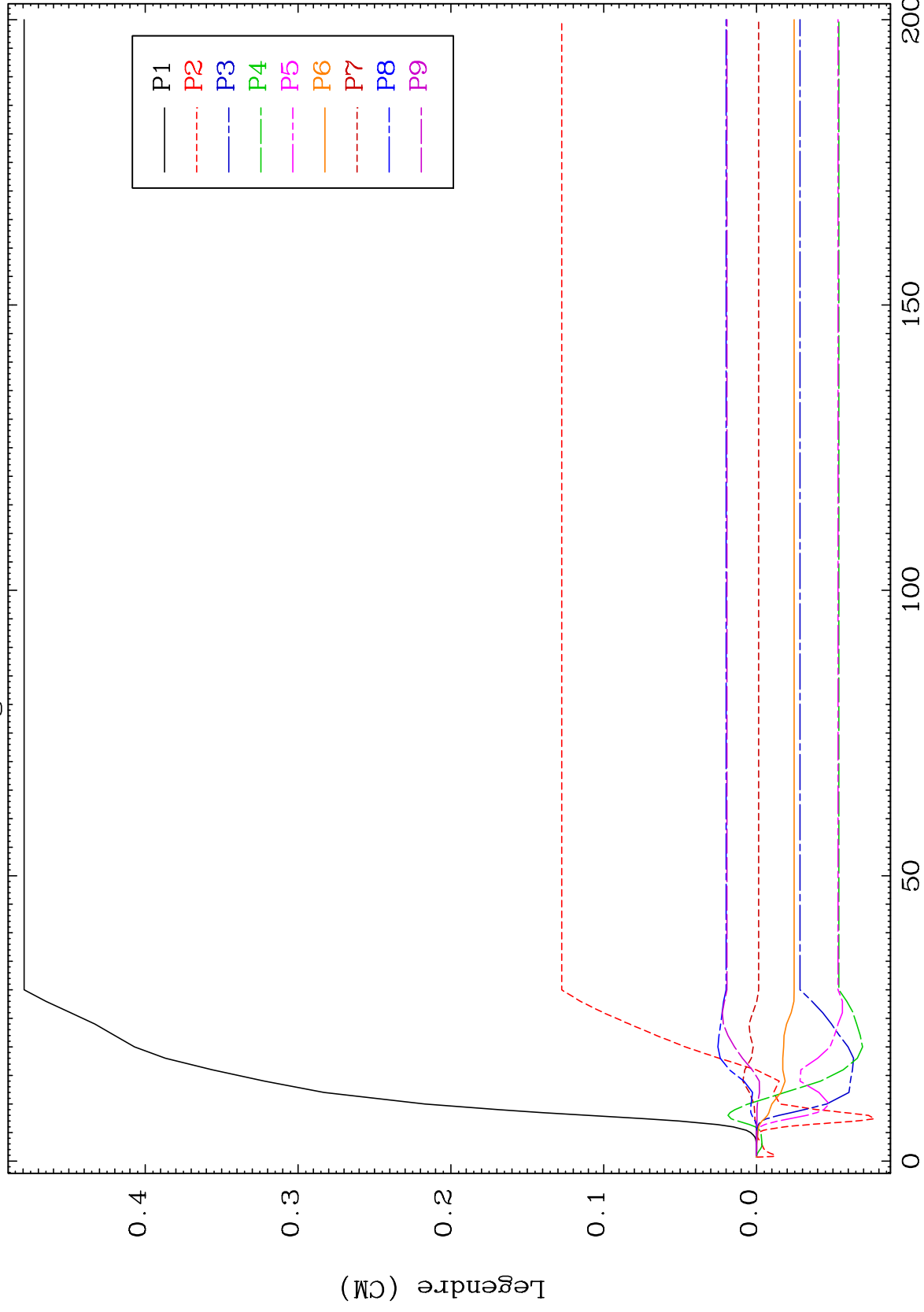
31

84-Po-205

MAT 8422

669.4 keV (n,n') Level
Legendre Coefficients

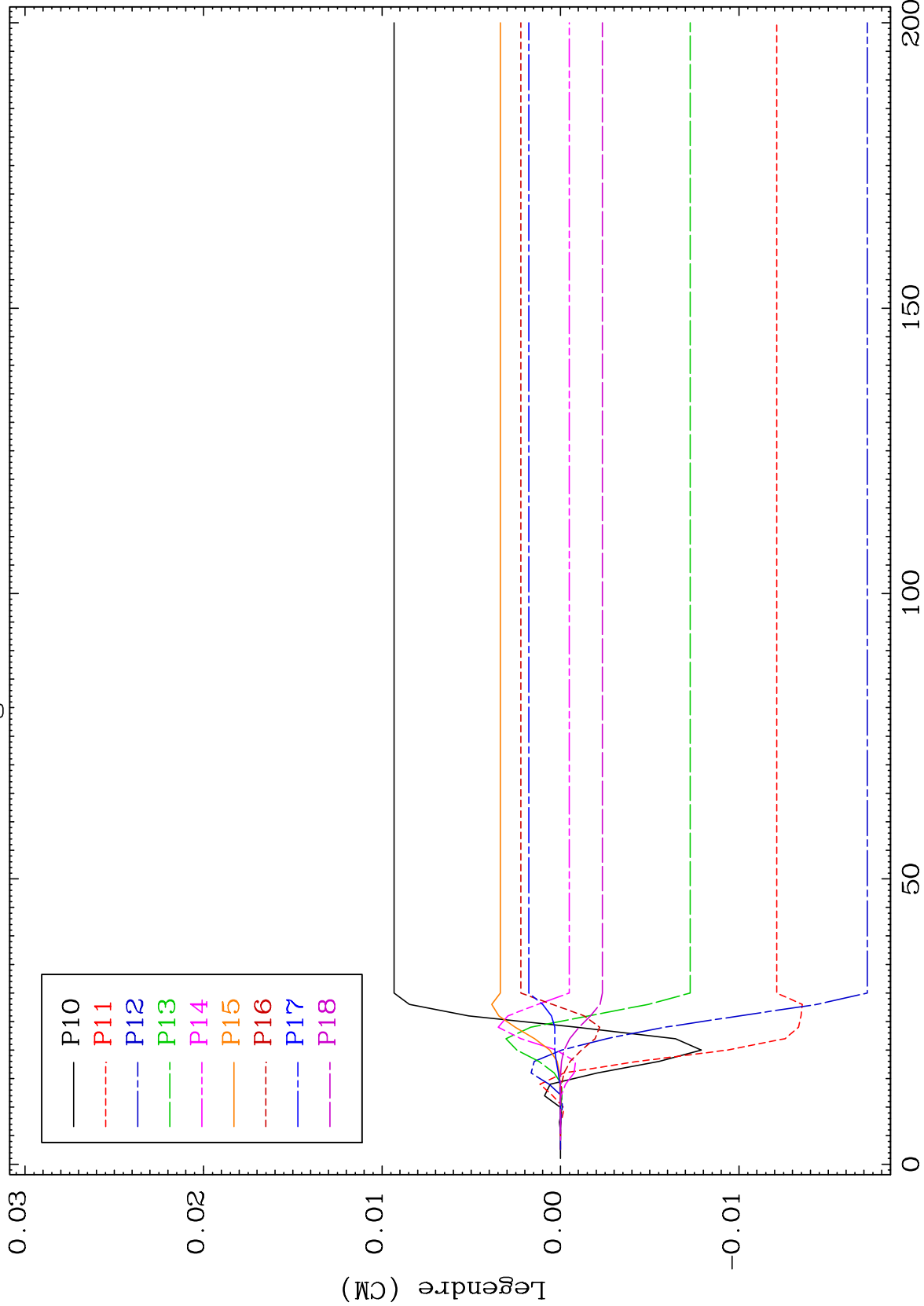
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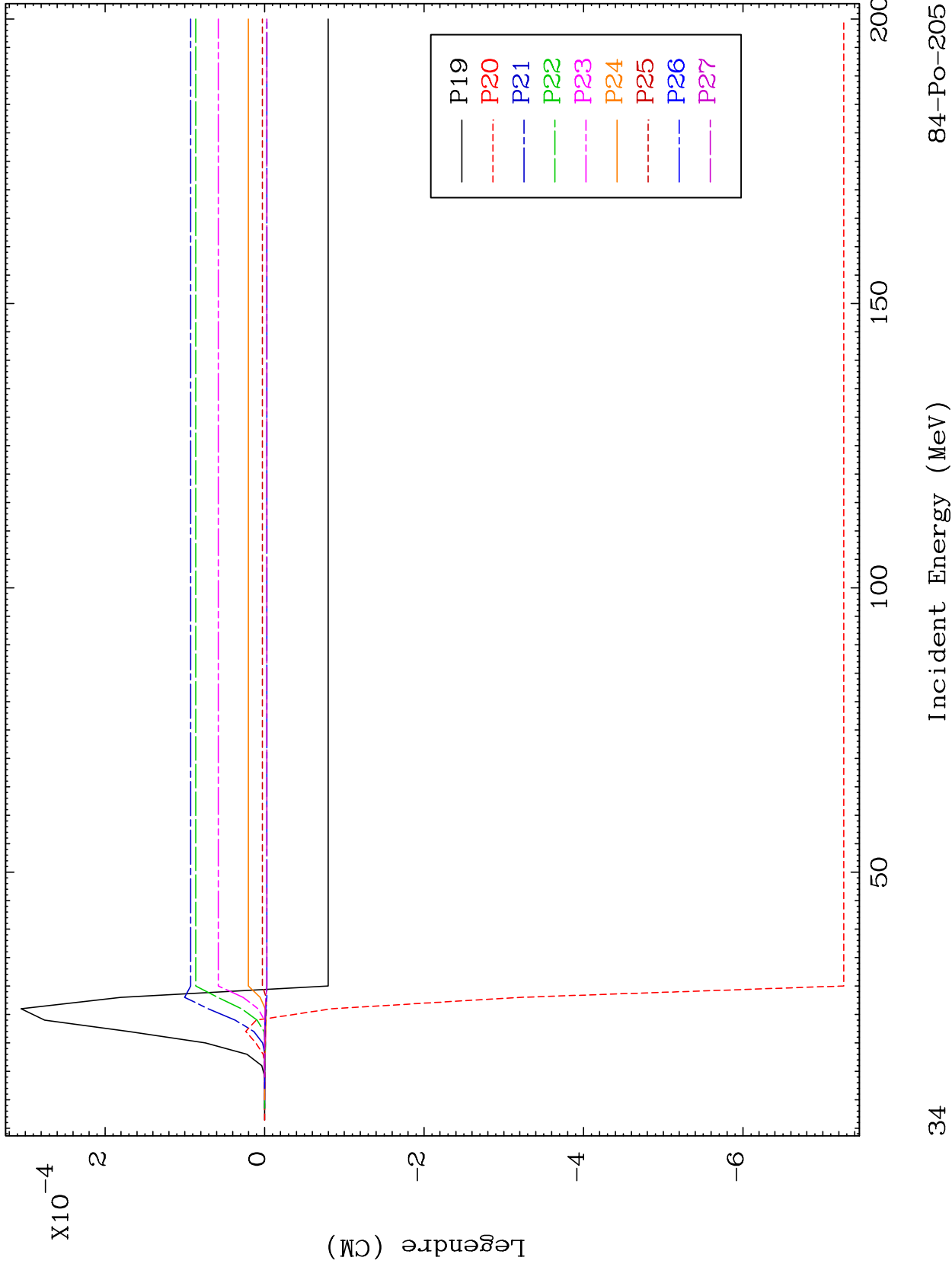


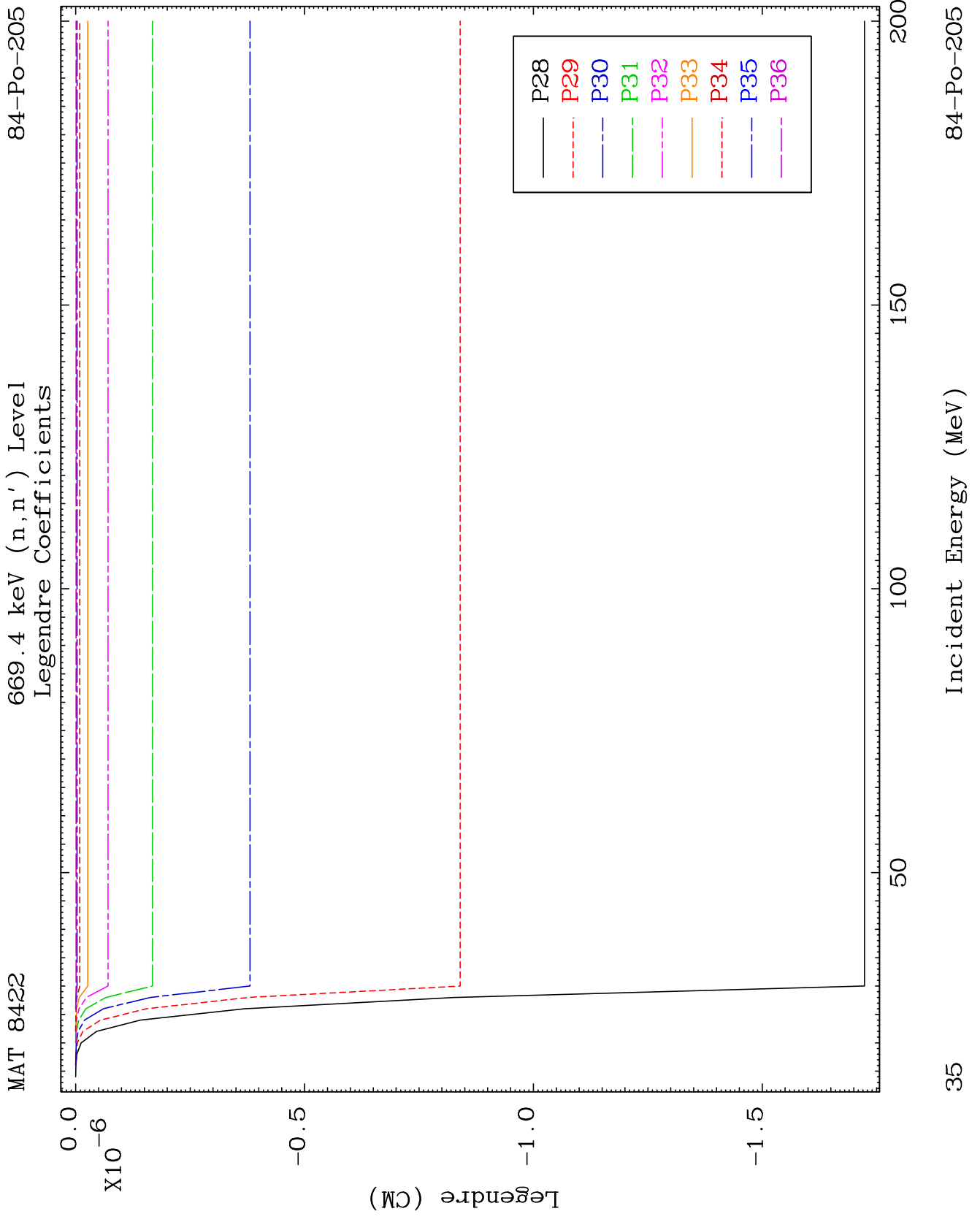
32

Incident Energy (MeV)

84-Po-205



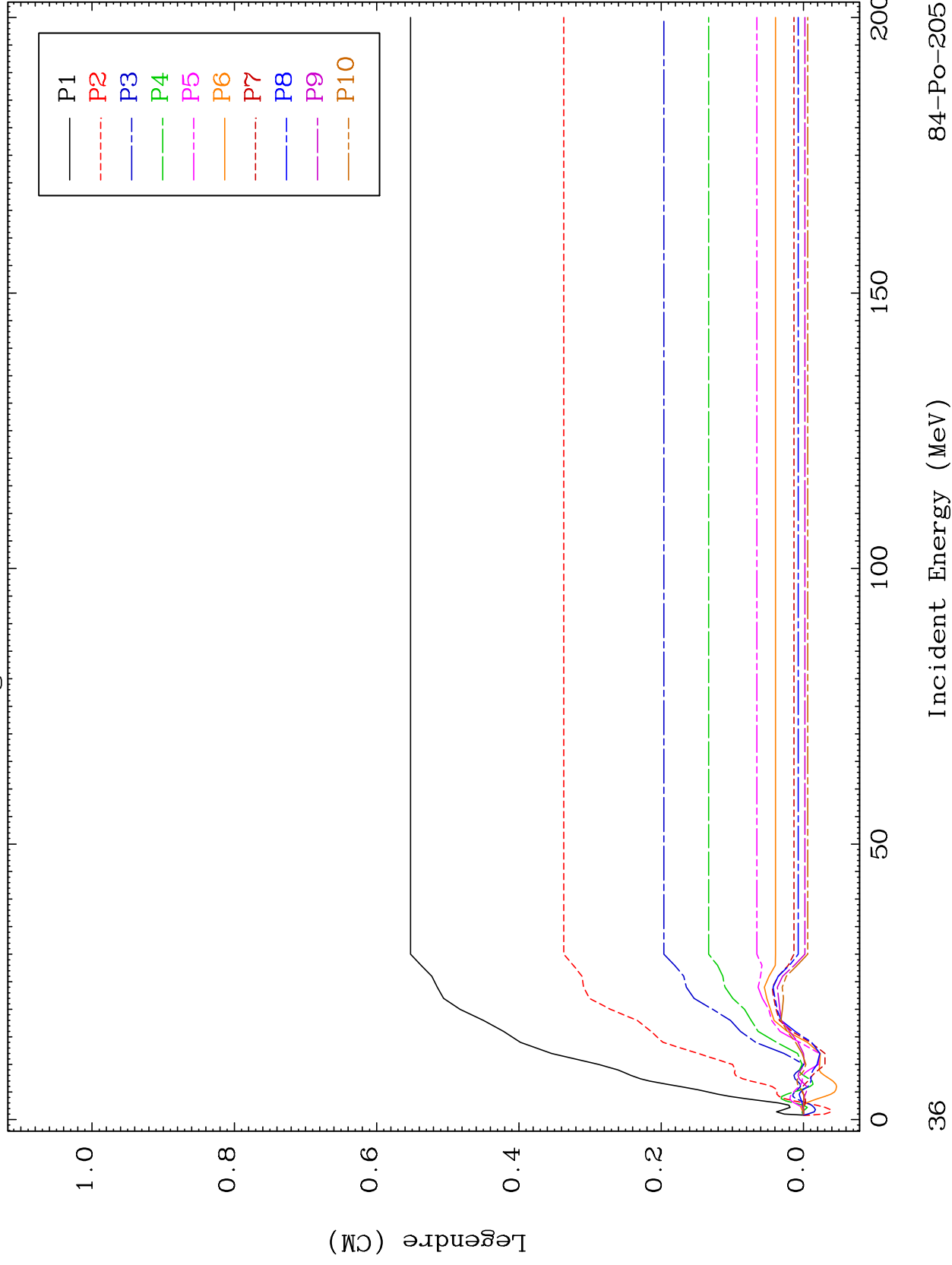




MAT 8422

719.3 keV (n,n') Level
Legendre Coefficients

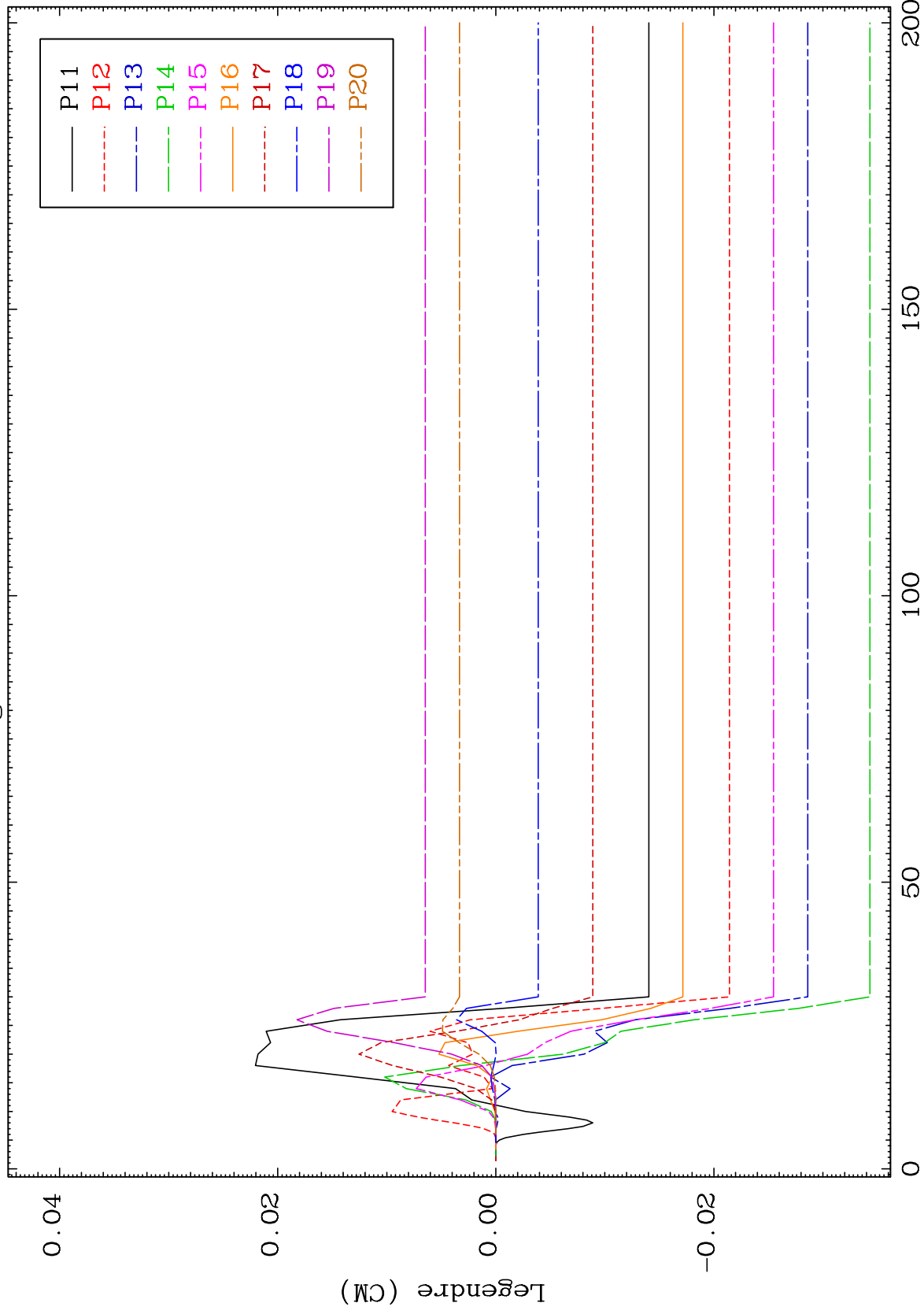
84-Po-205



MAT 8422

719.3 keV (n,n') Level
Legendre Coefficients

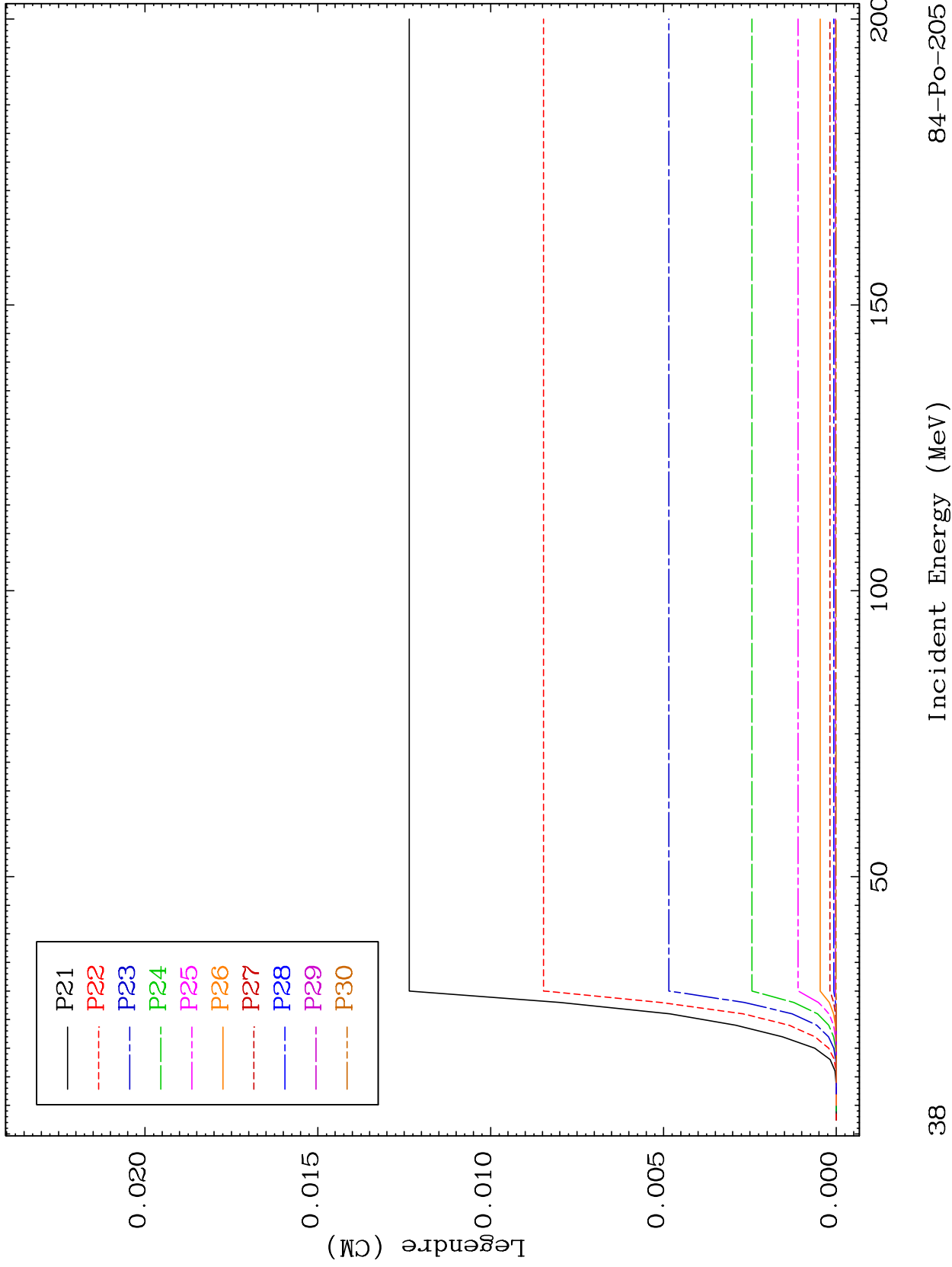
84-Po-205



37

Incident Energy (MeV)

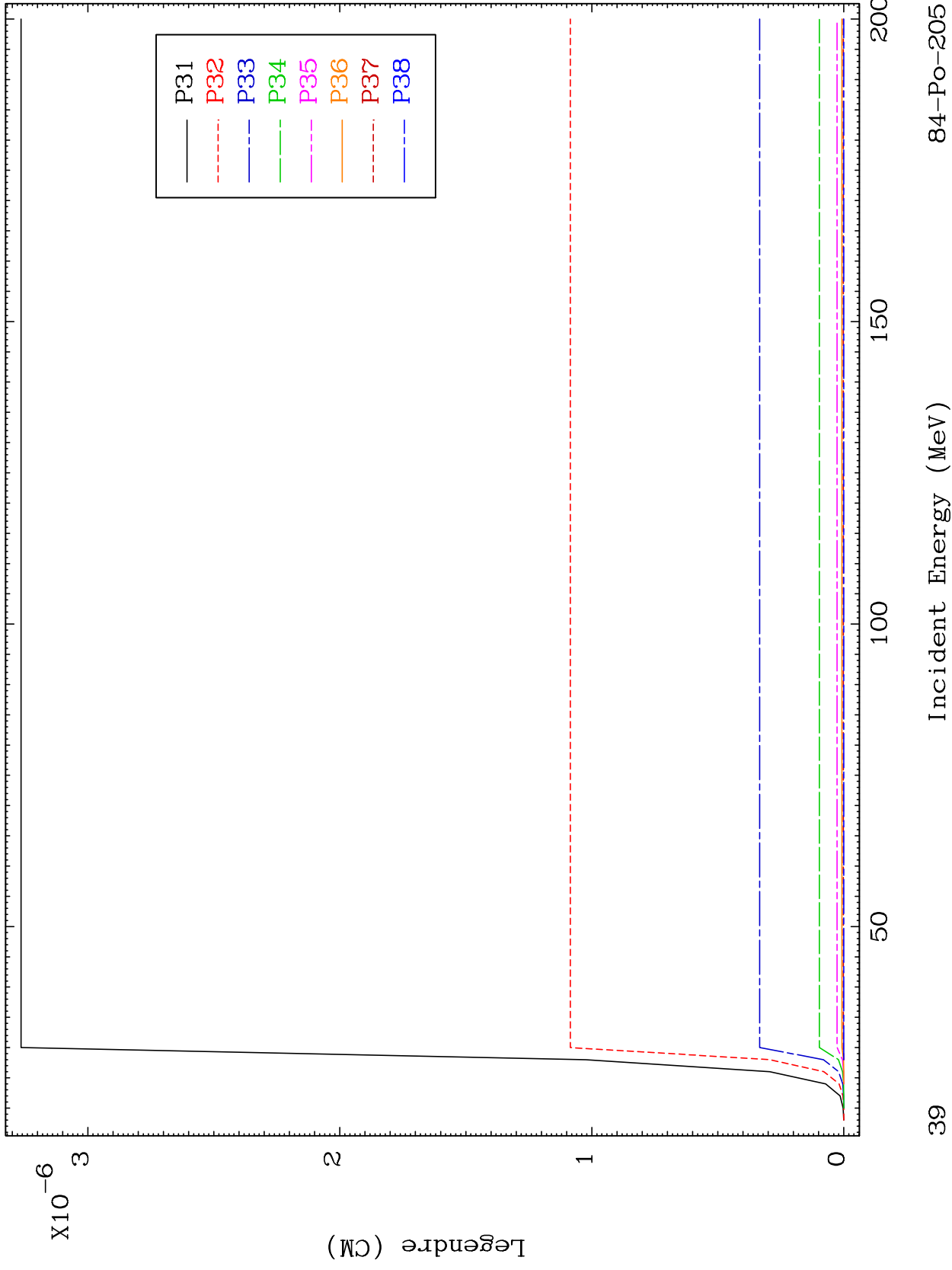
84-Po-205



MAT 8422

719.3 keV (n,n') Level
Legendre Coefficients

84-Po-205



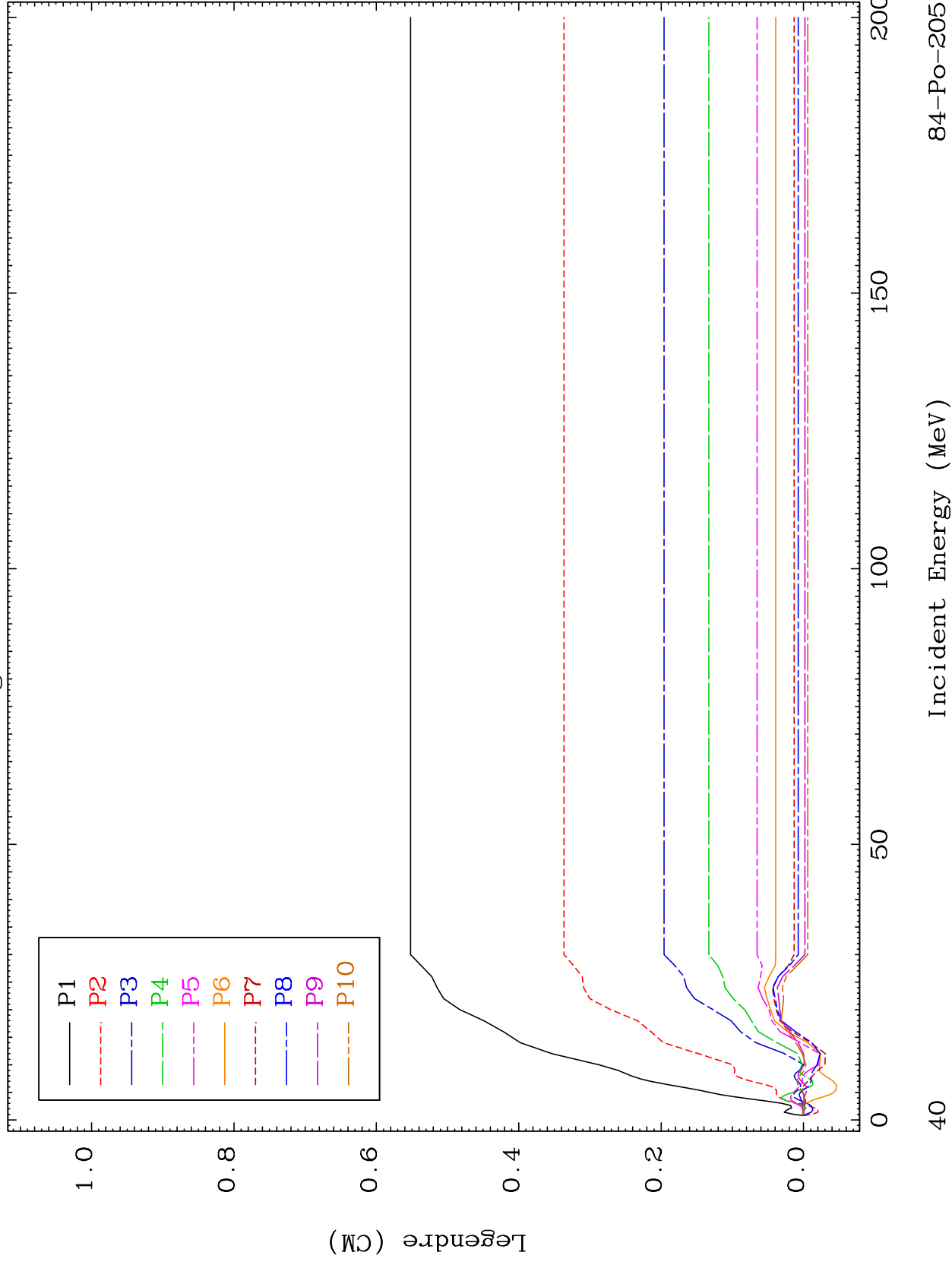
39

84-Po-205

MAT 8422

783.0 keV (n,n') Level
Legendre Coefficients

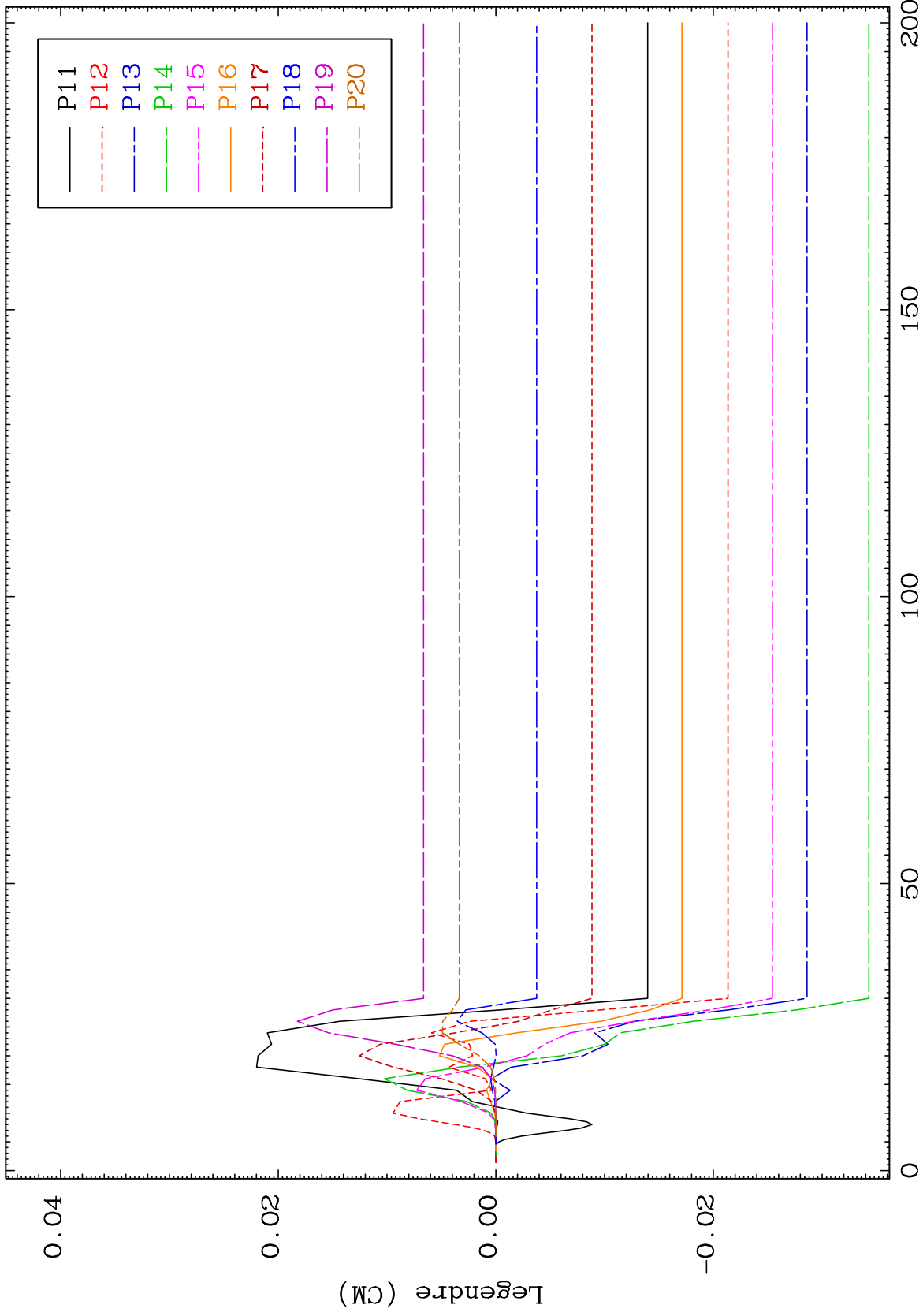
84-Po-205

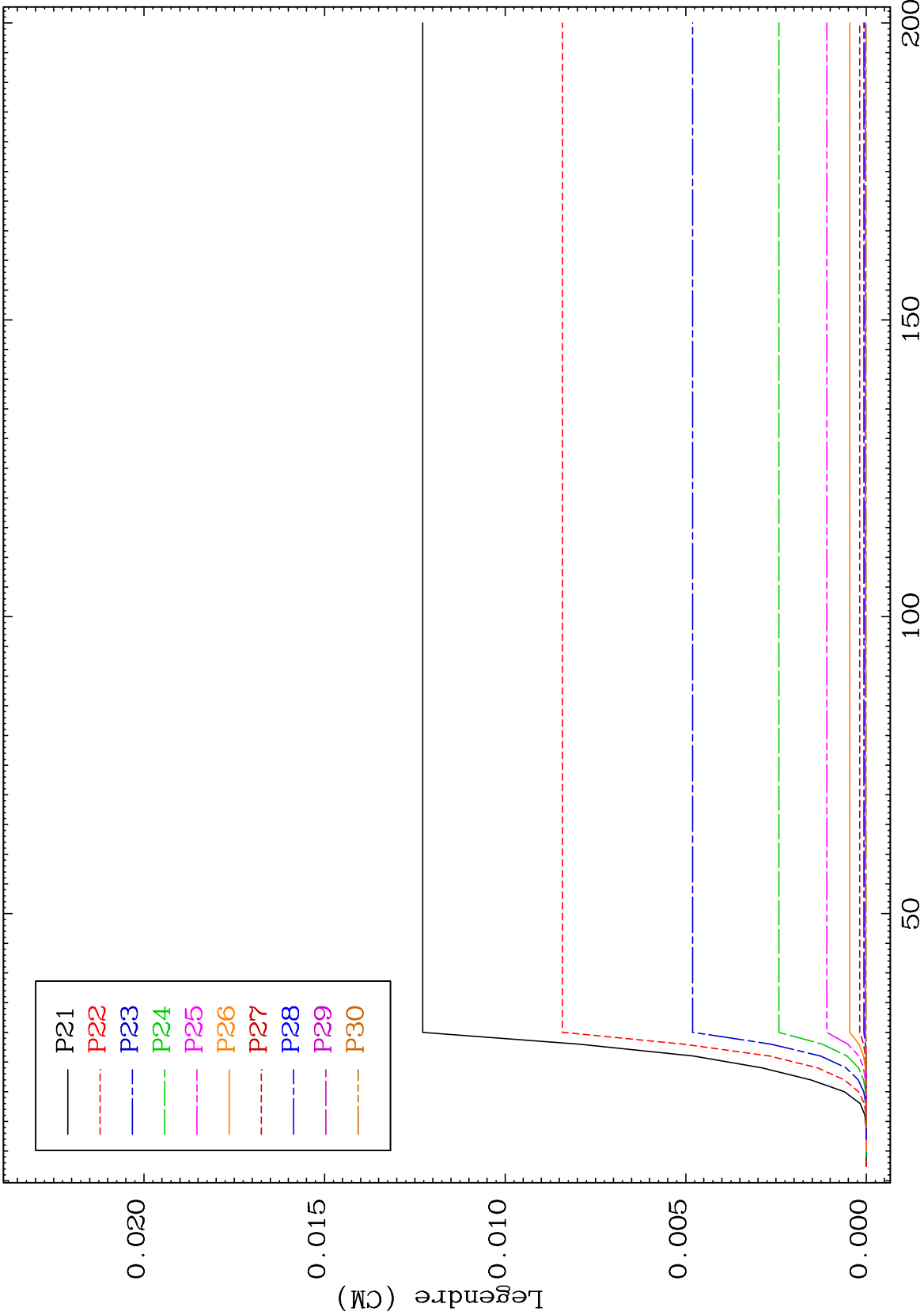


MAT 8422

783.0 keV (n,n') Level
Legendre Coefficients

84-Po-205

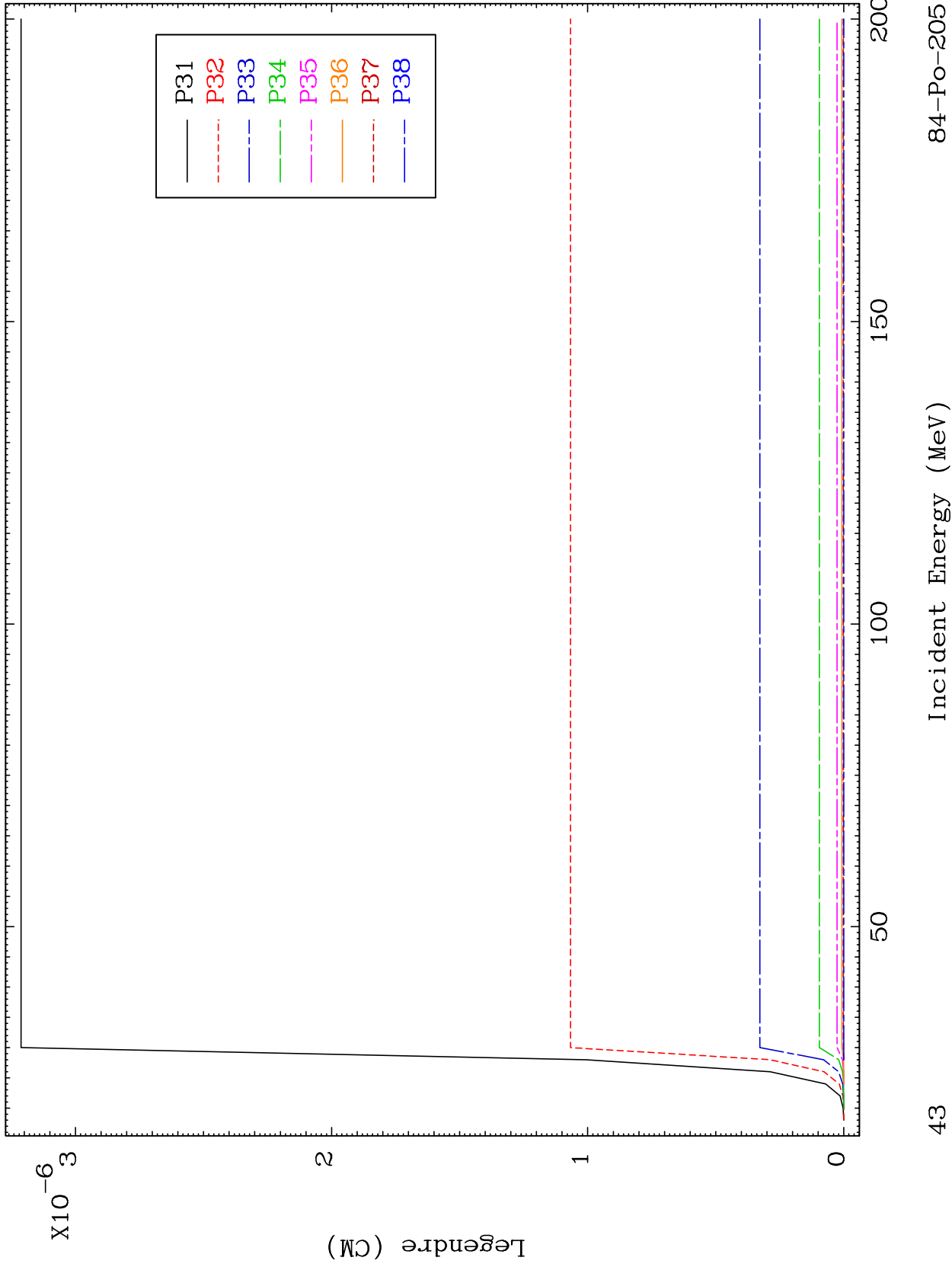




MAT 8422

783.0 keV (n,n') Level
Legendre Coefficients

84-Po-205



43

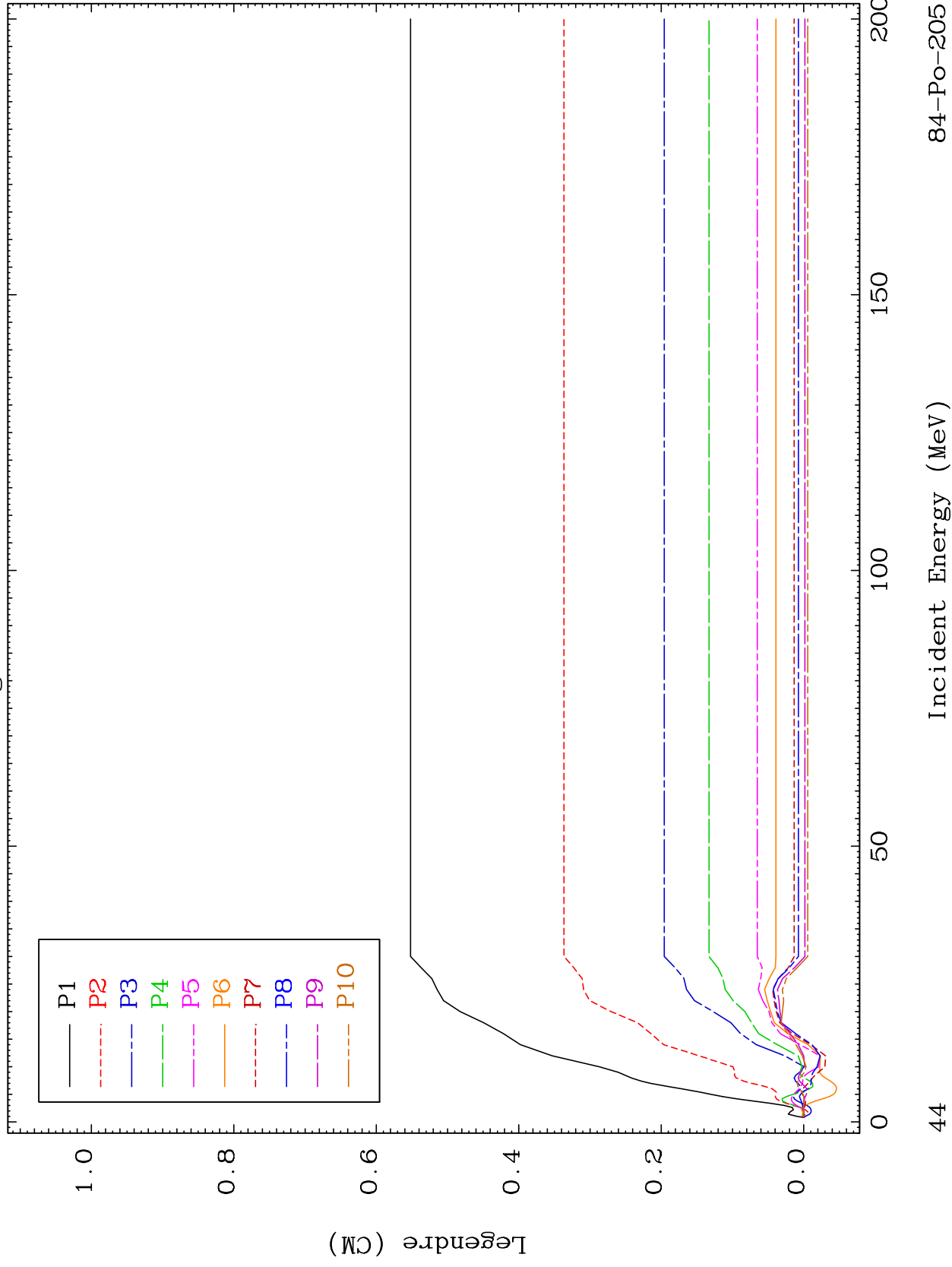
Incident Energy (MeV)

84-Po-205

MAT 8422

799.0 keV (n,n') Level
Legendre Coefficients

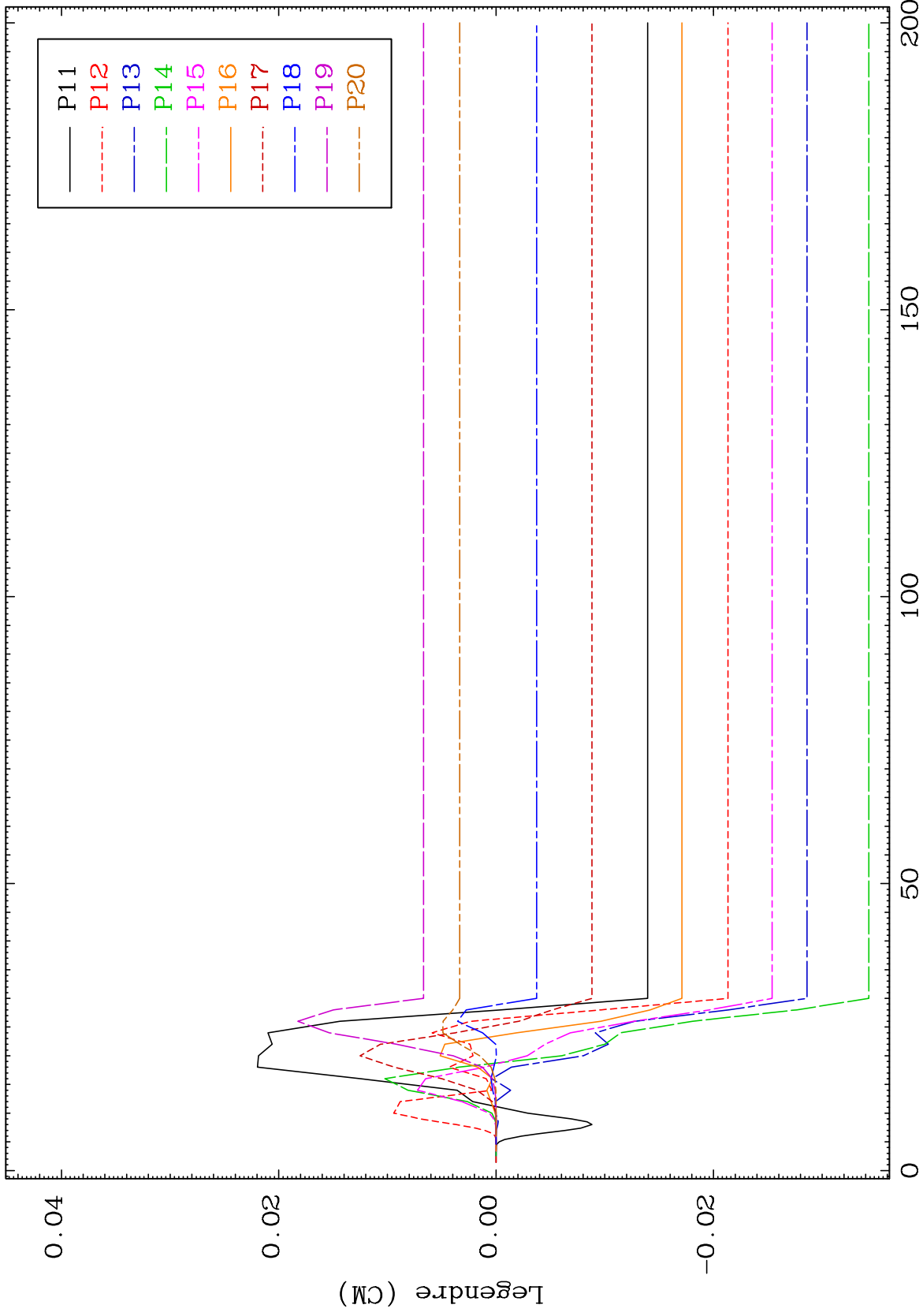
84-Po-205



MAT 8422

799.0 keV (n,n') Level
Legendre Coefficients

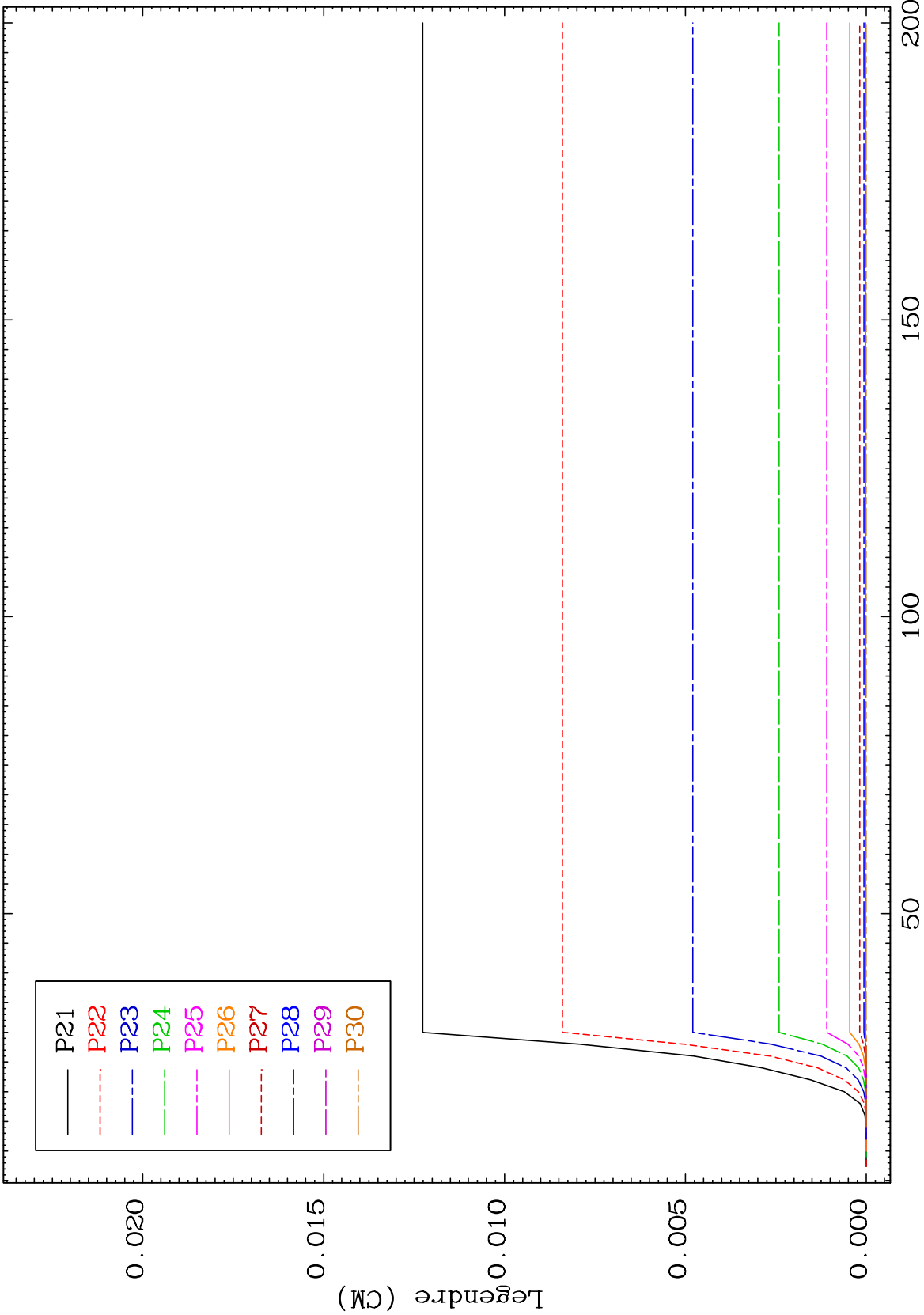
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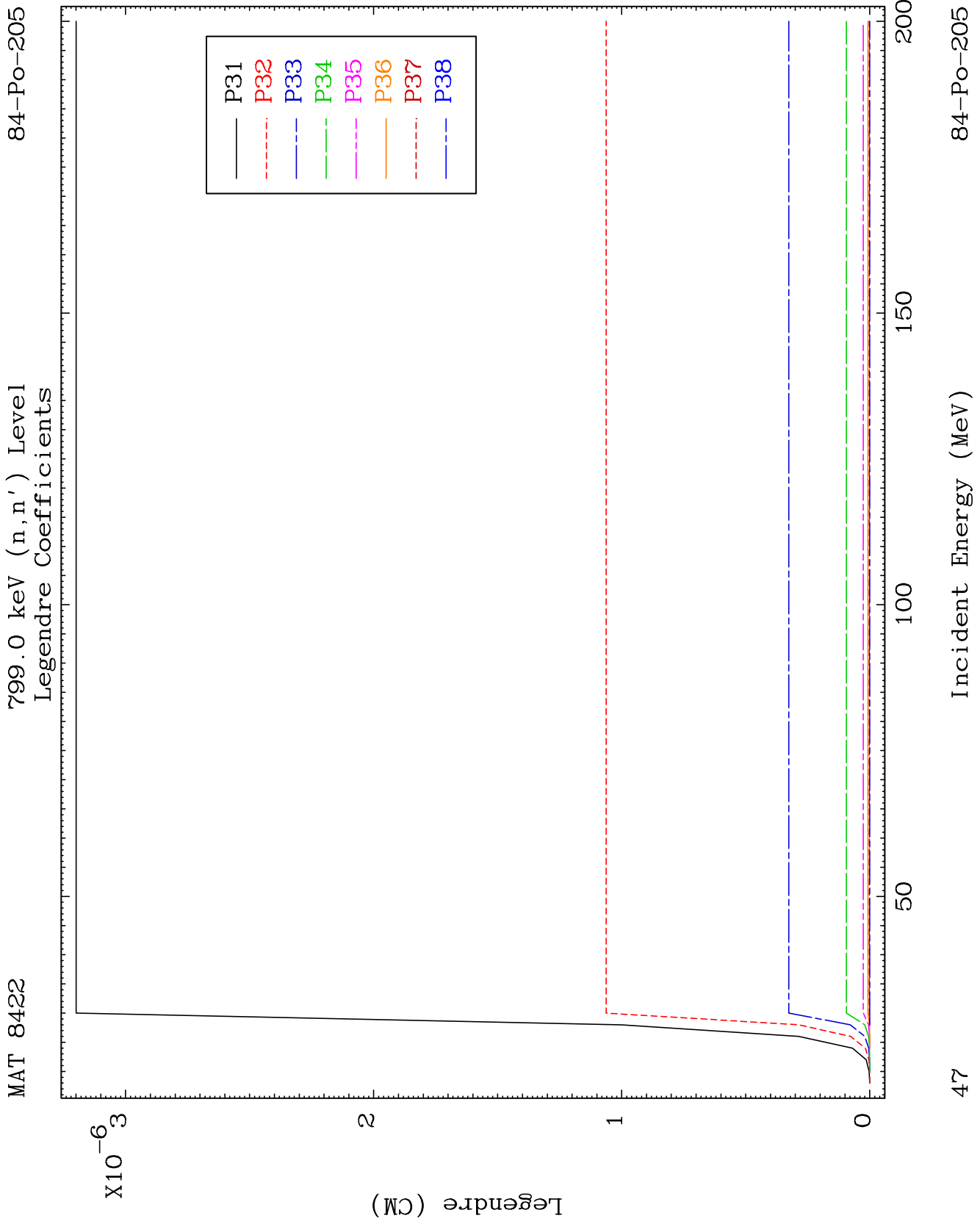


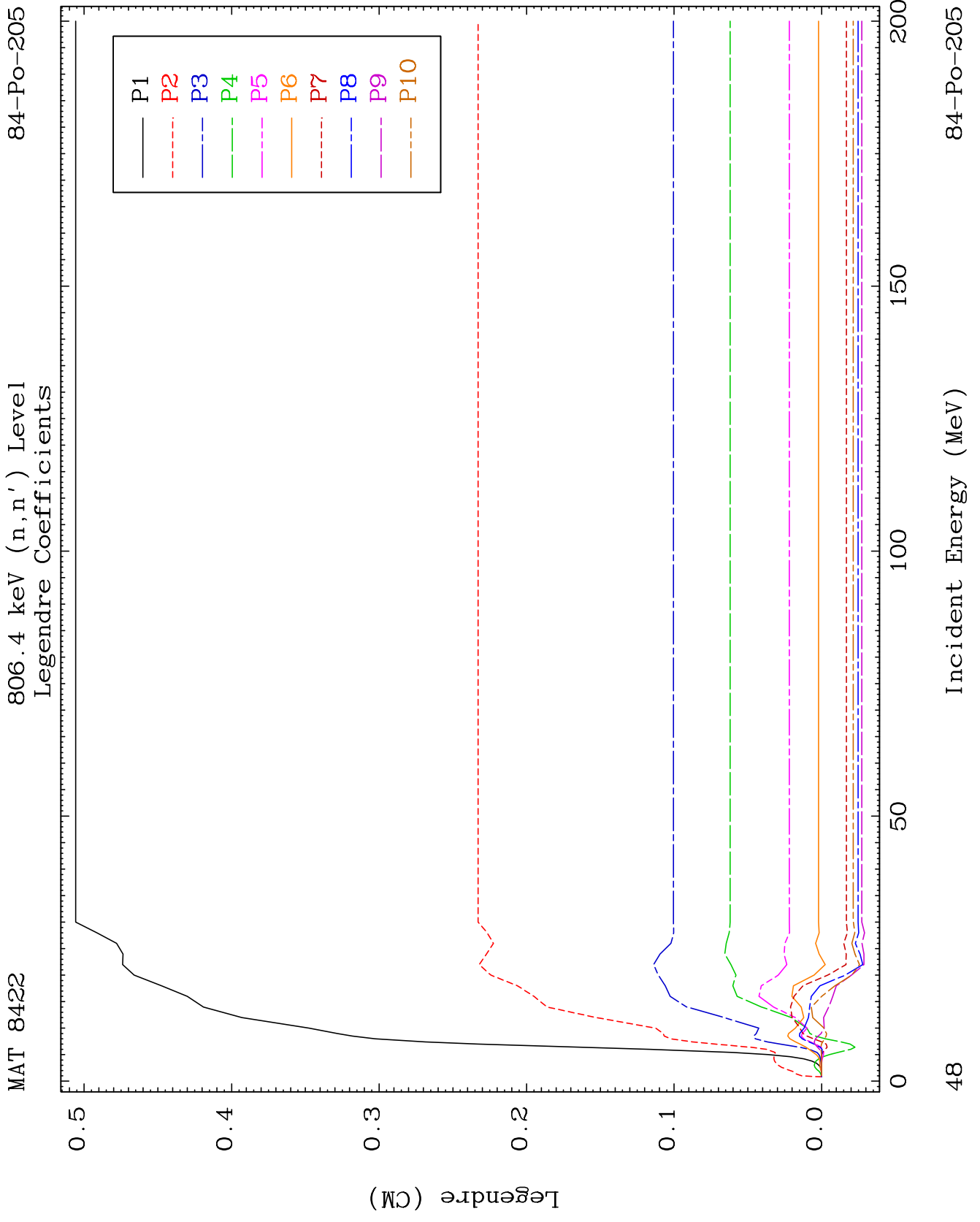
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Incident Energy (MeV)

84-Po-205



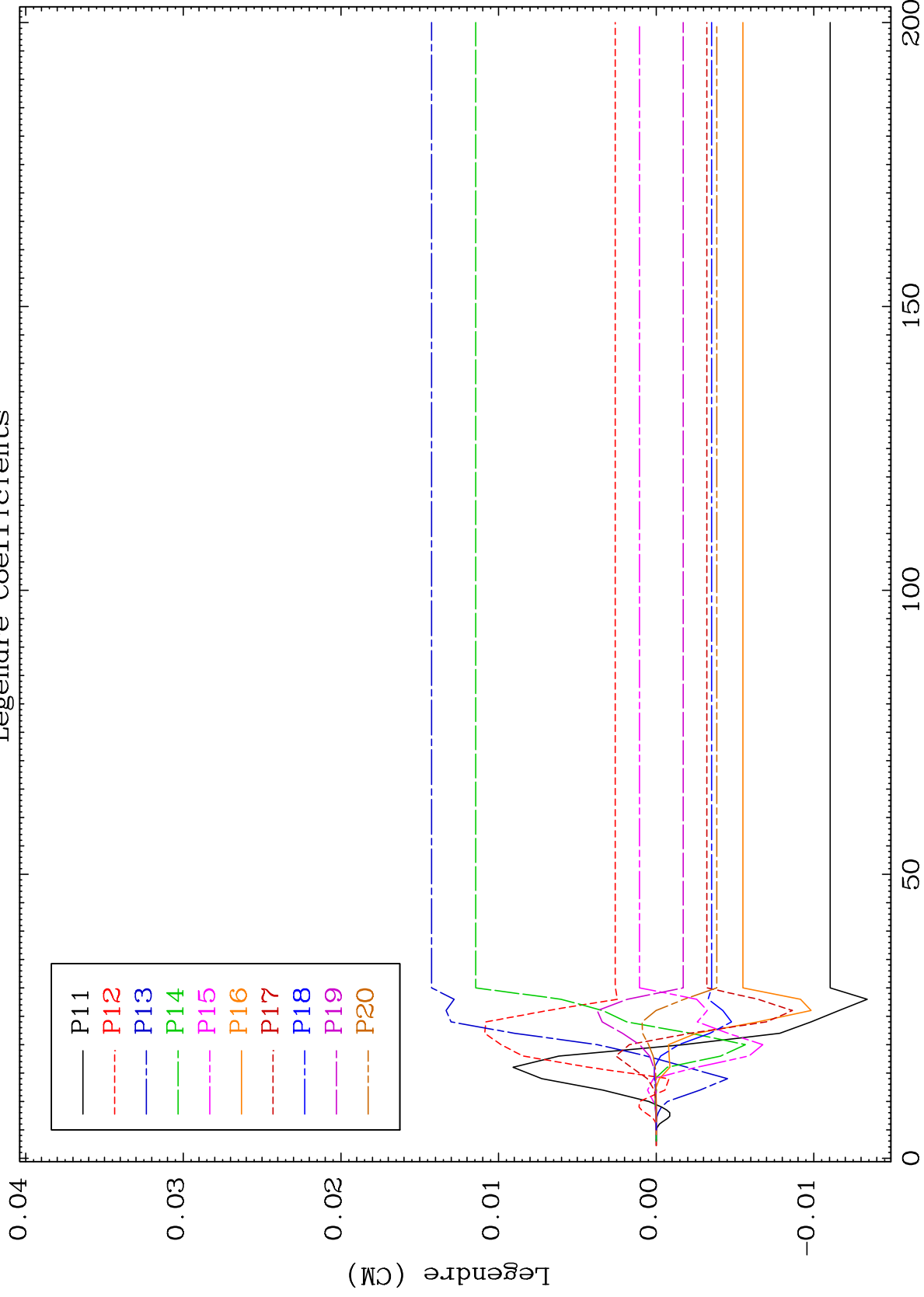




MAT 8422

806.4 keV (n,n') Level
Legendre Coefficients

84-Po-205



49

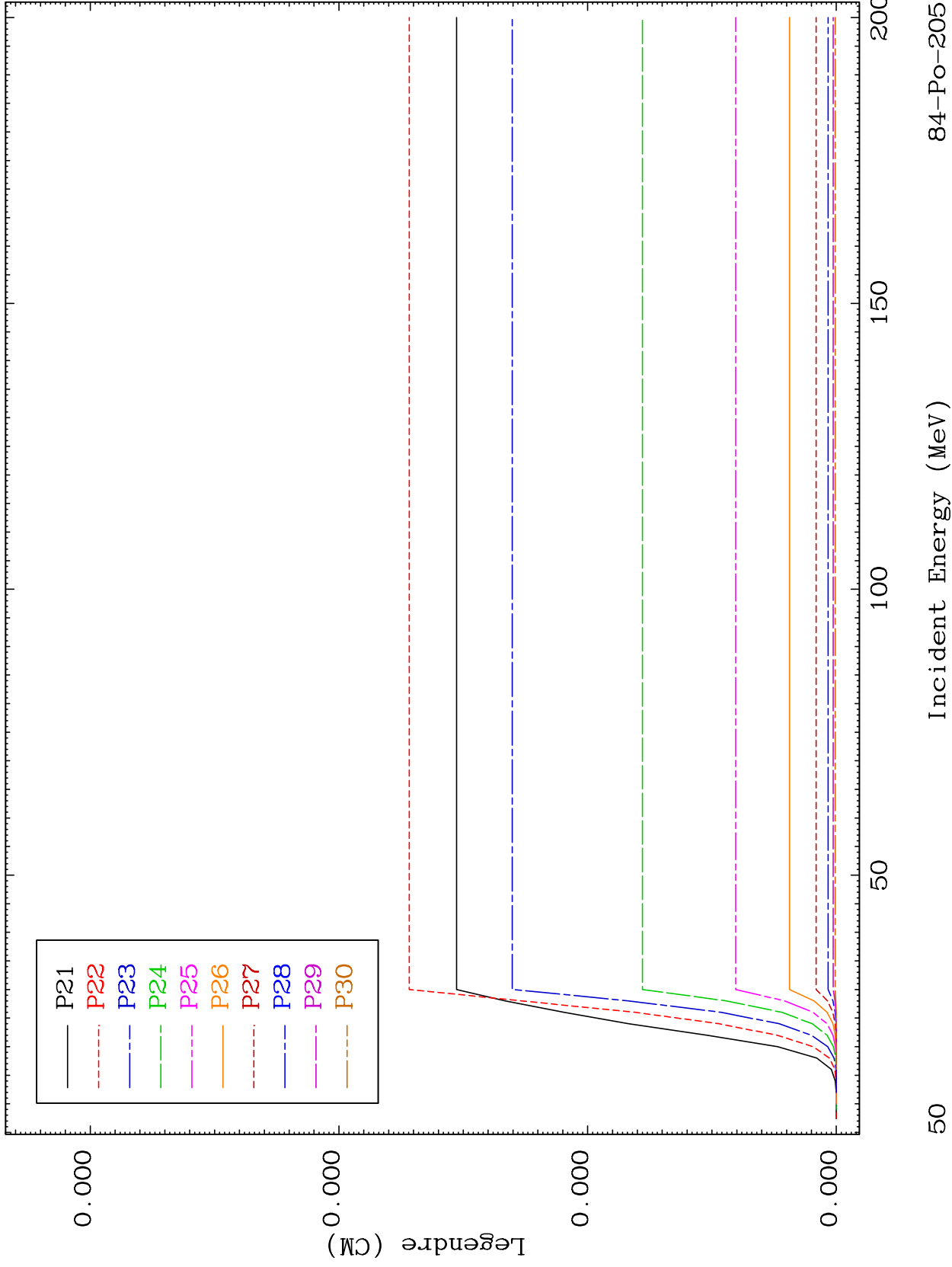
Incident Energy (MeV)

84-Po-205

MAT 8422

806.4 keV (n,n') Level
Legendre Coefficients

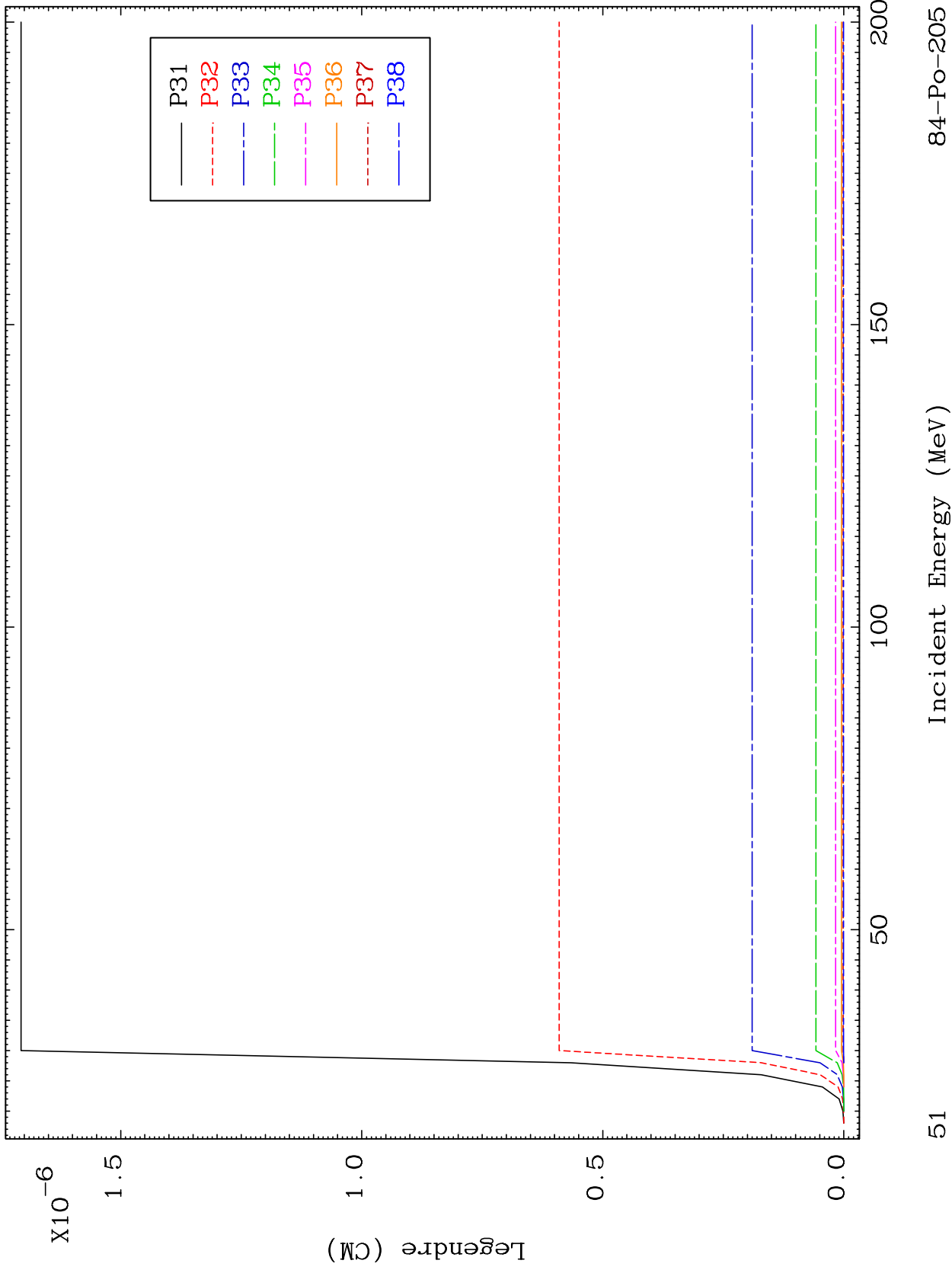
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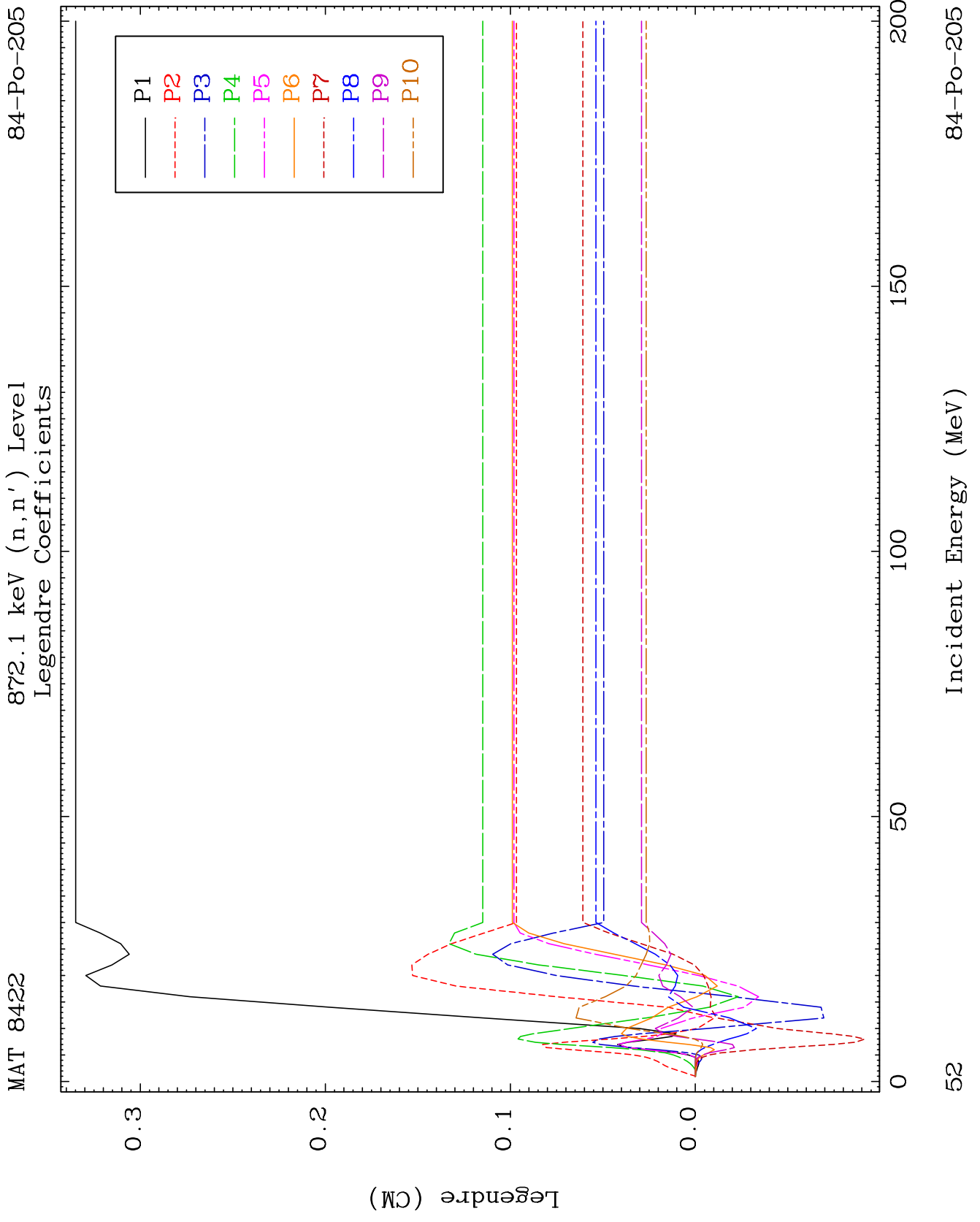


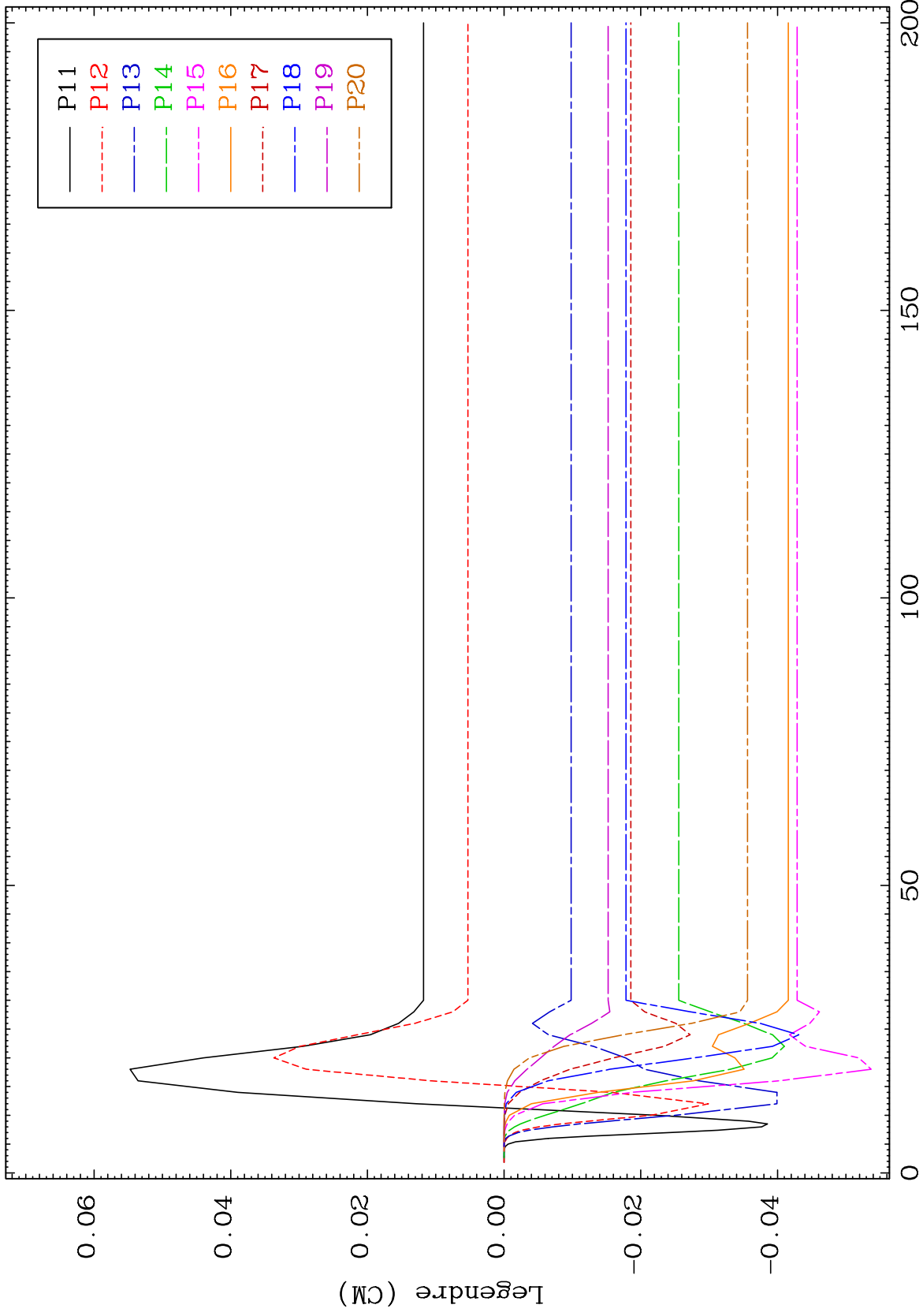
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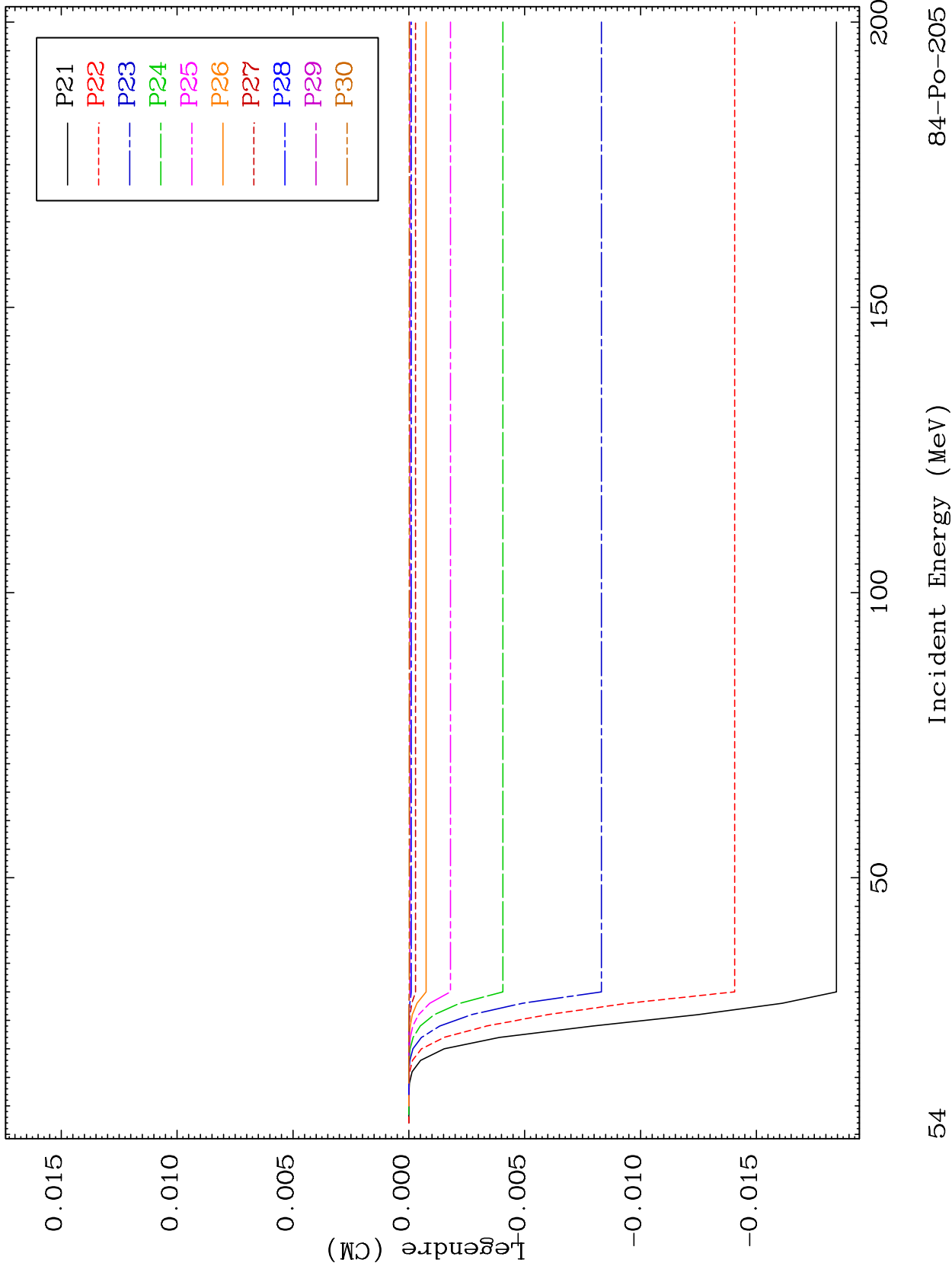
Incident Energy (MeV)

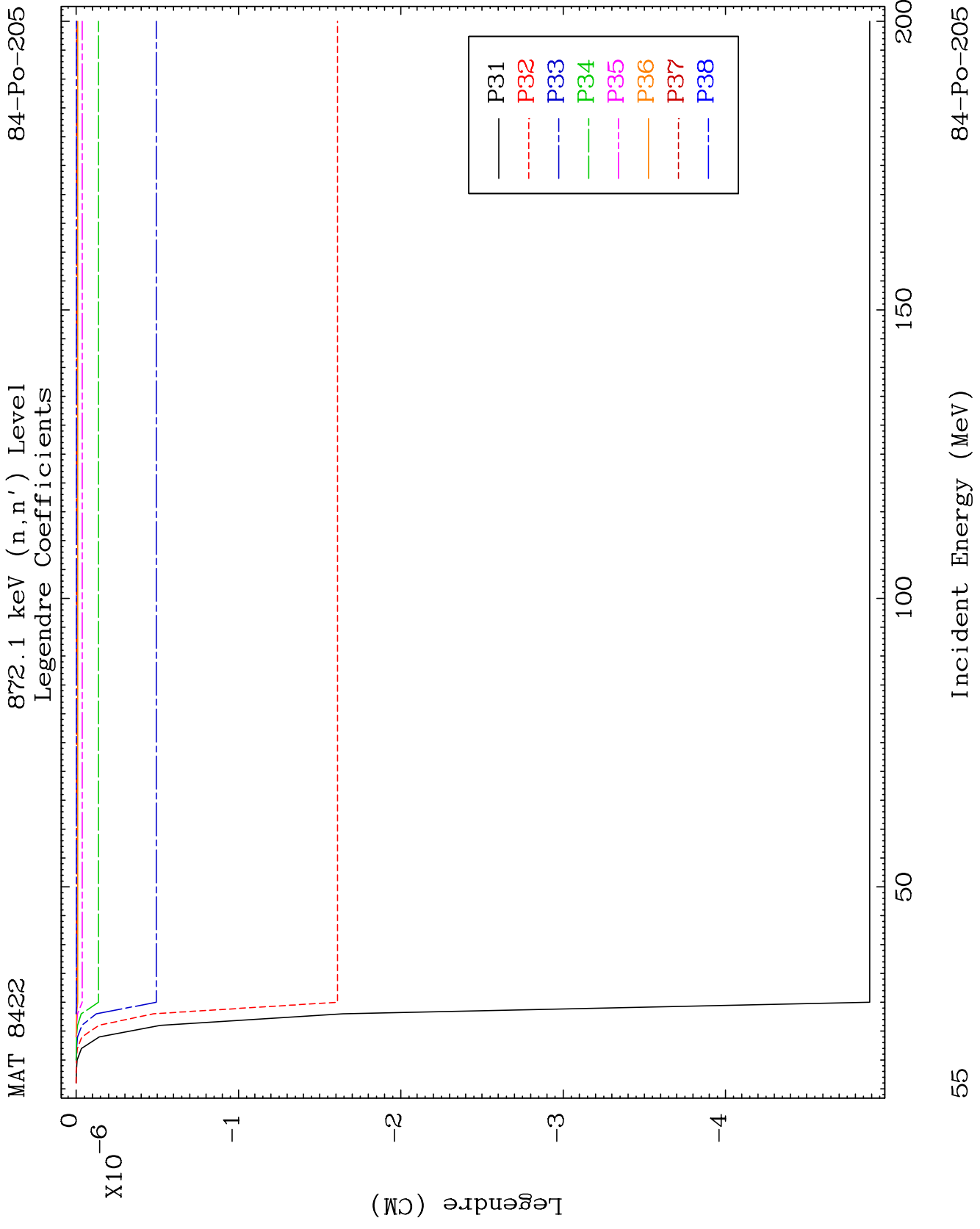
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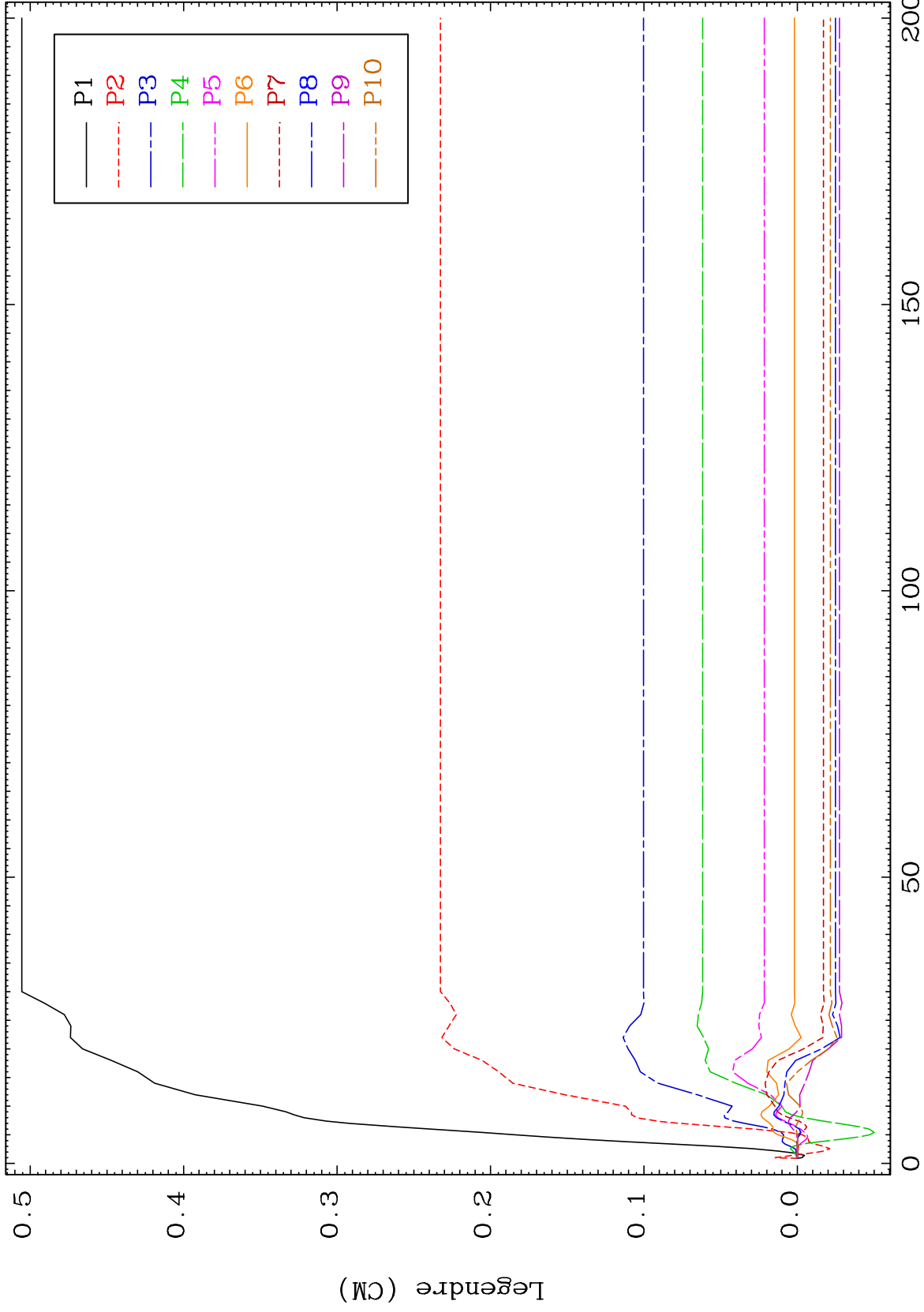


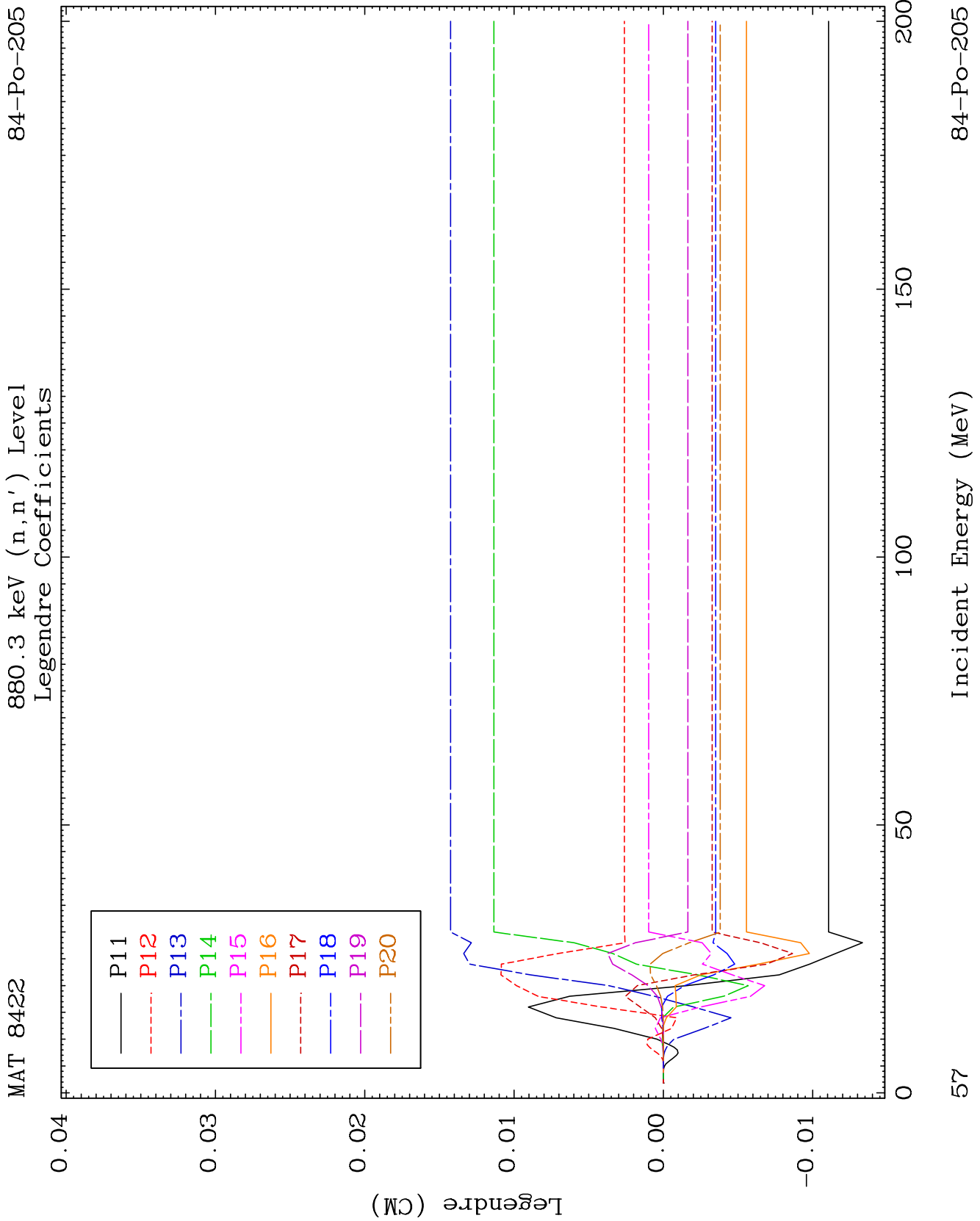








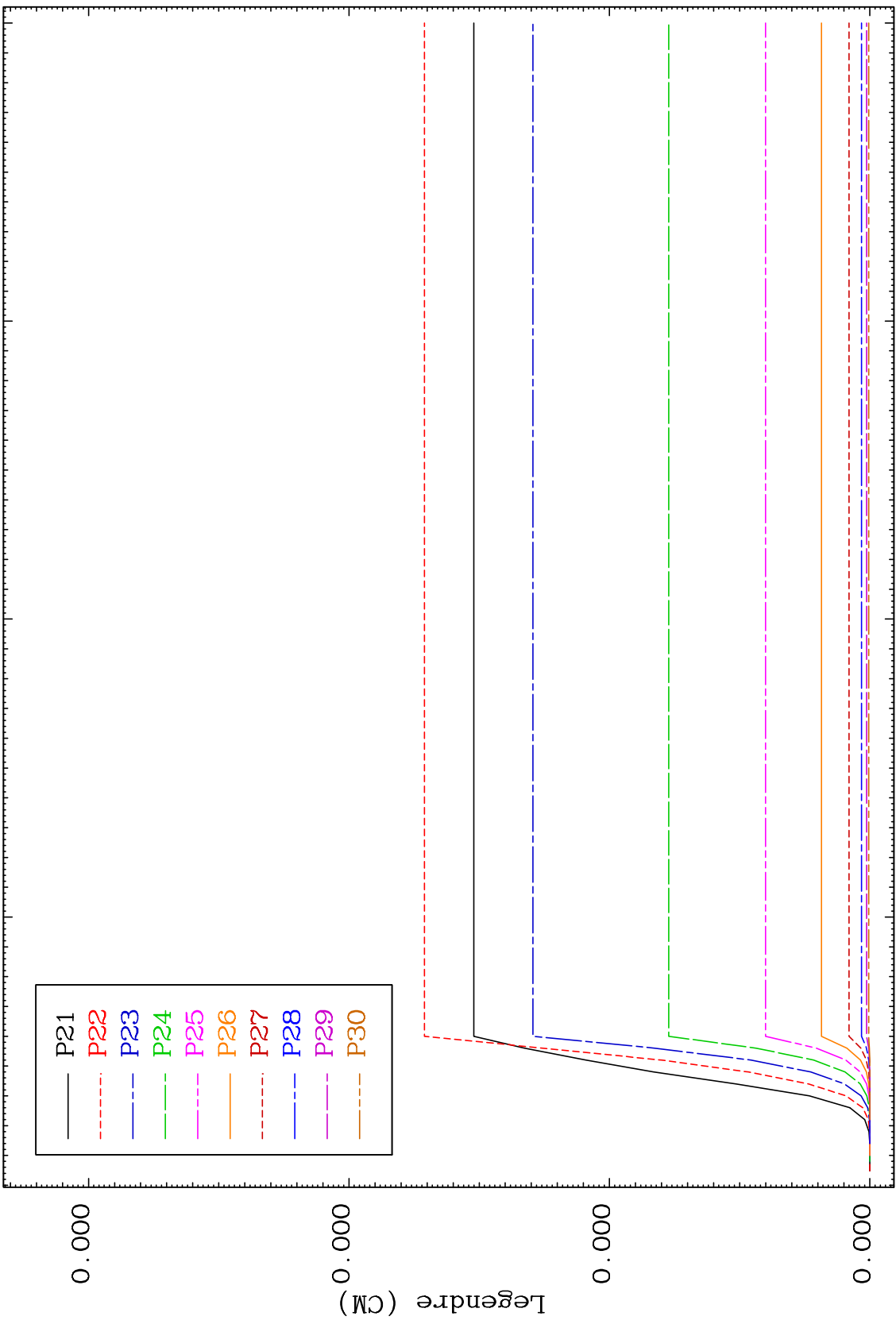




MAT 8422

880.3 keV (n,n') Level
Legendre Coefficients

84-Po-205



58

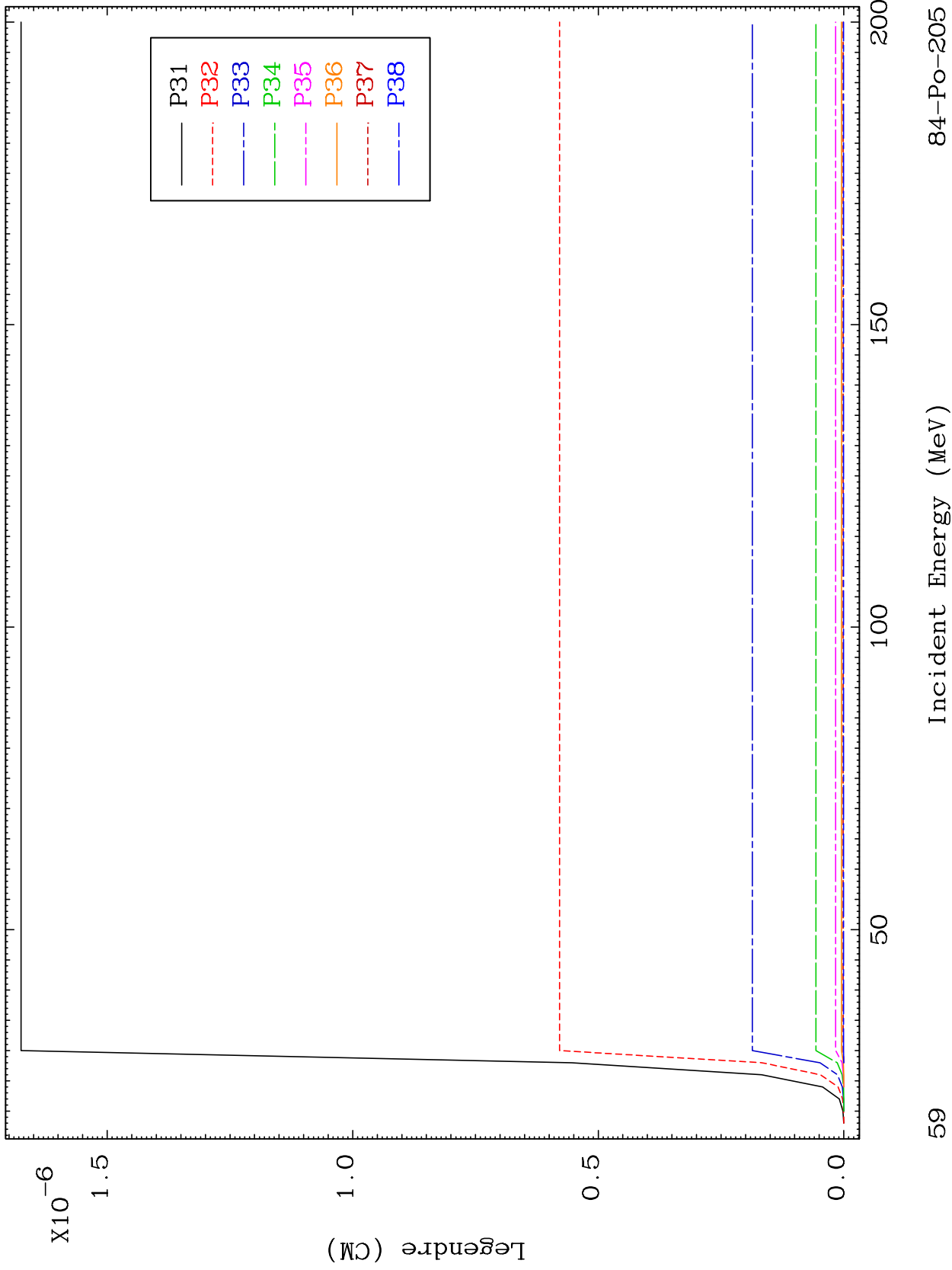
Incident Energy (MeV)

84-Po-205

MAT 8422

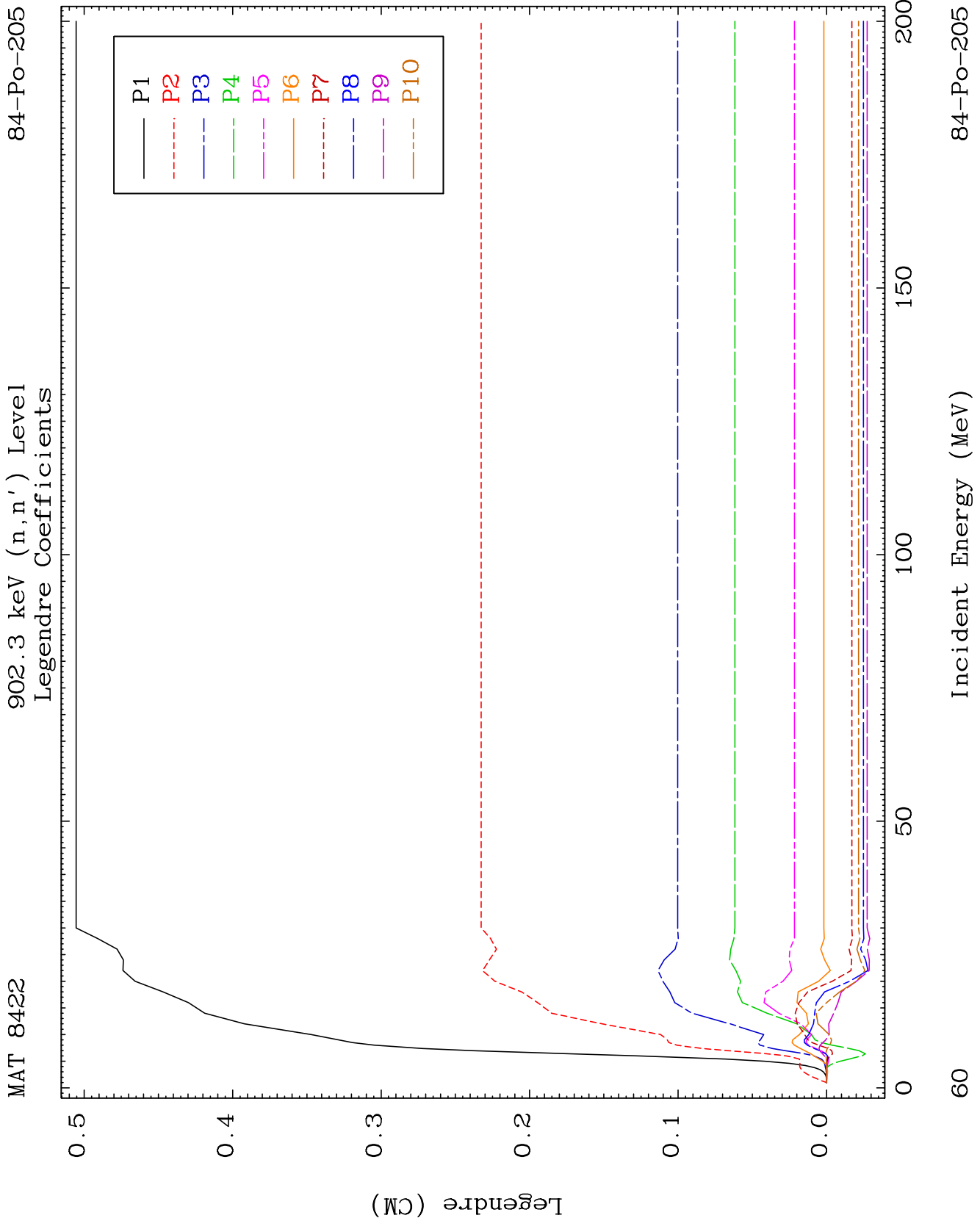
880.3 keV (n,n') Level
Legendre Coefficients

84-Po-205



59

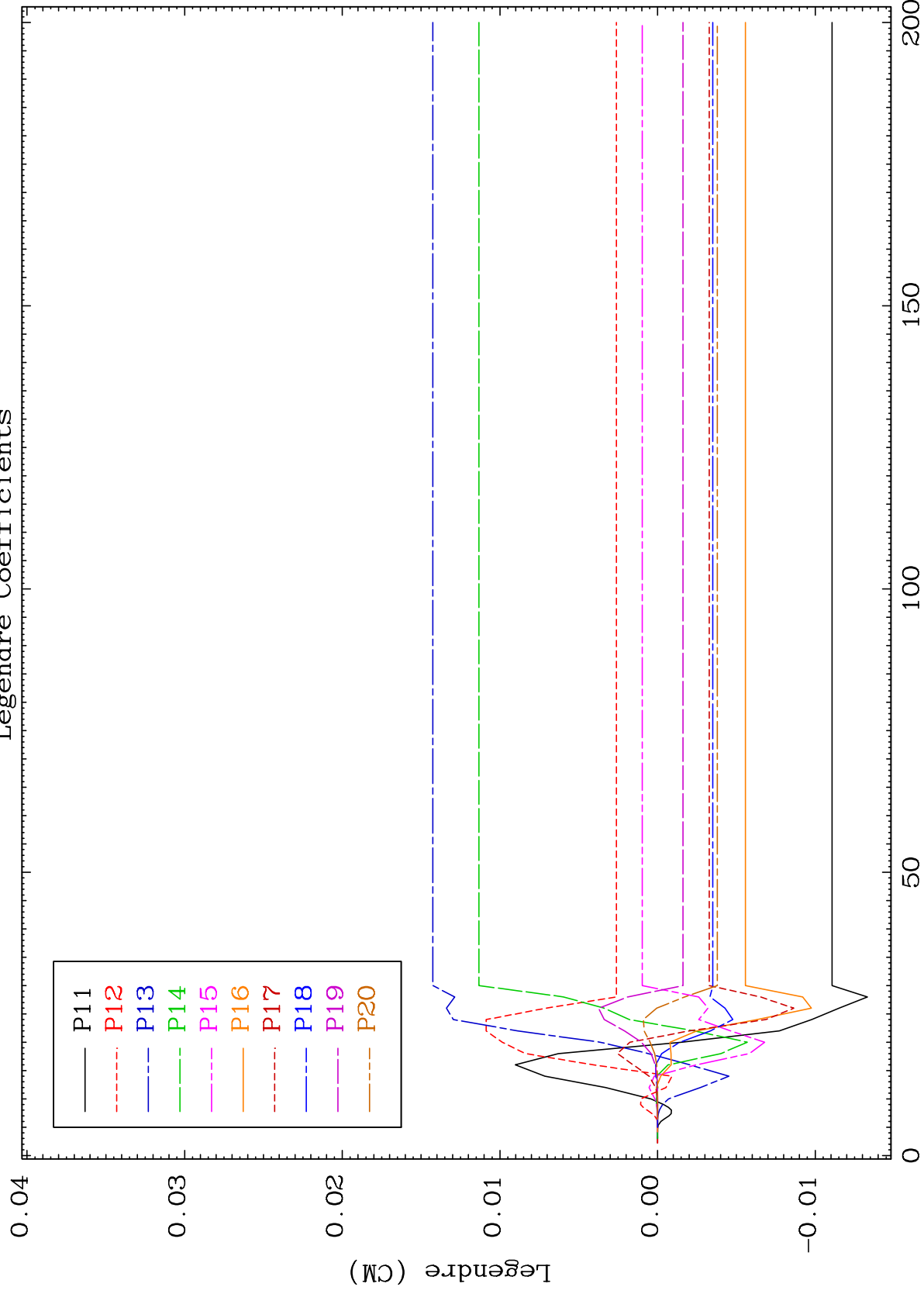
84-Po-205



MAT 8422

902.3 keV (n, n') Level
Legendre Coefficients

84-Po-205



61

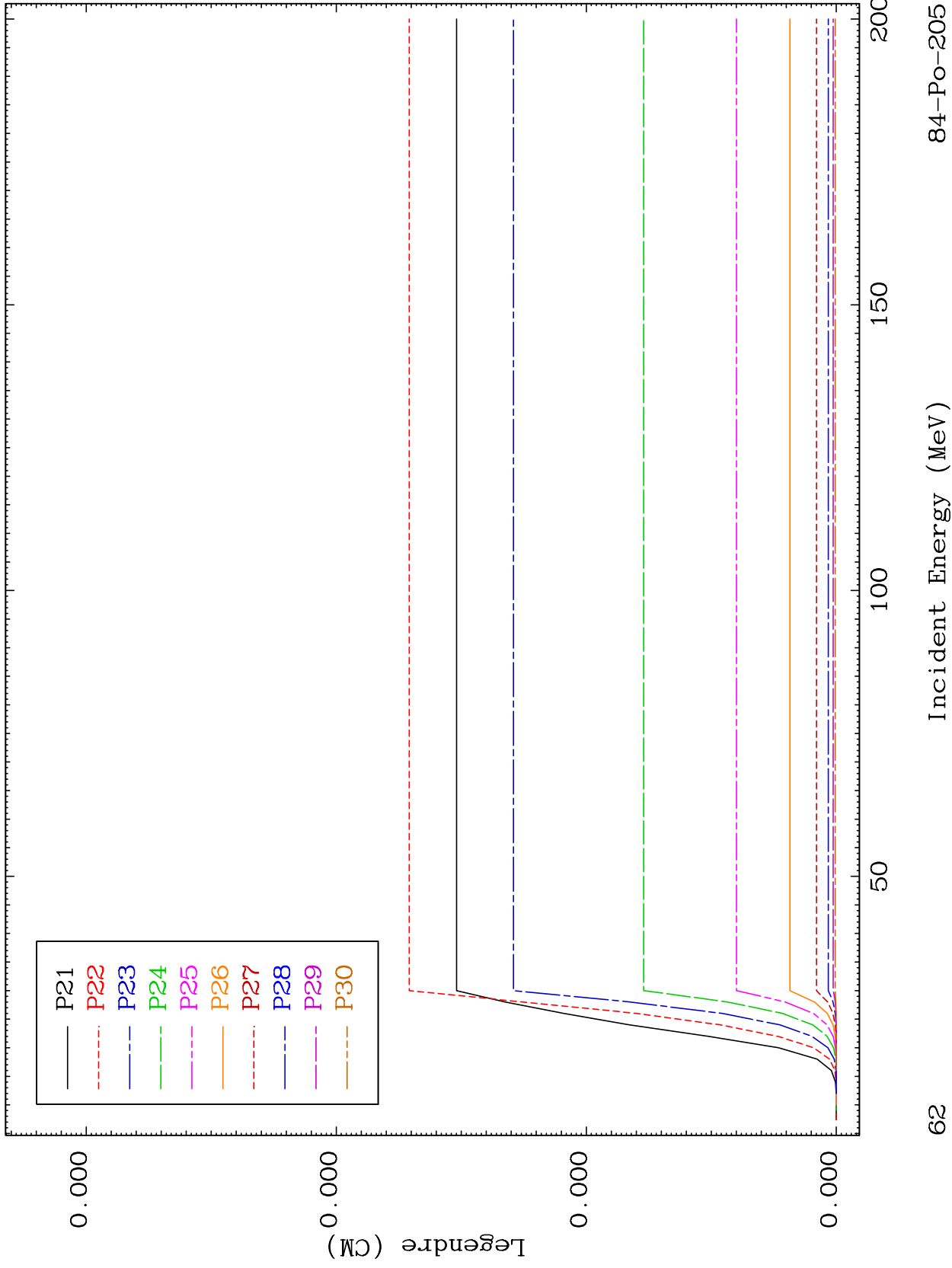
Incident Energy (MeV)

84-Po-205

MAT 8422

902.3 keV (n,n') Level
Legendre Coefficients

84-Po-205



62

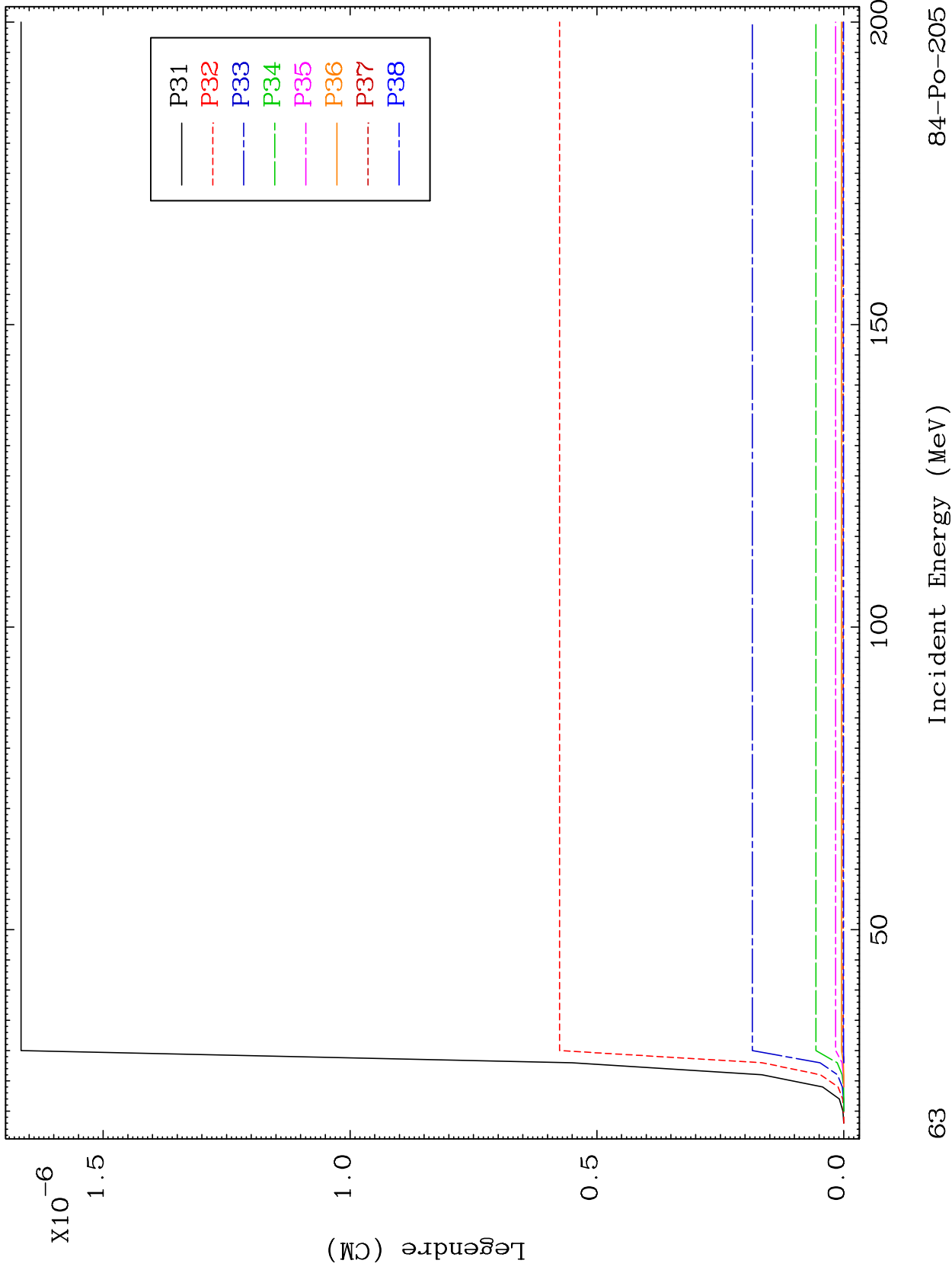
Incident Energy (MeV)

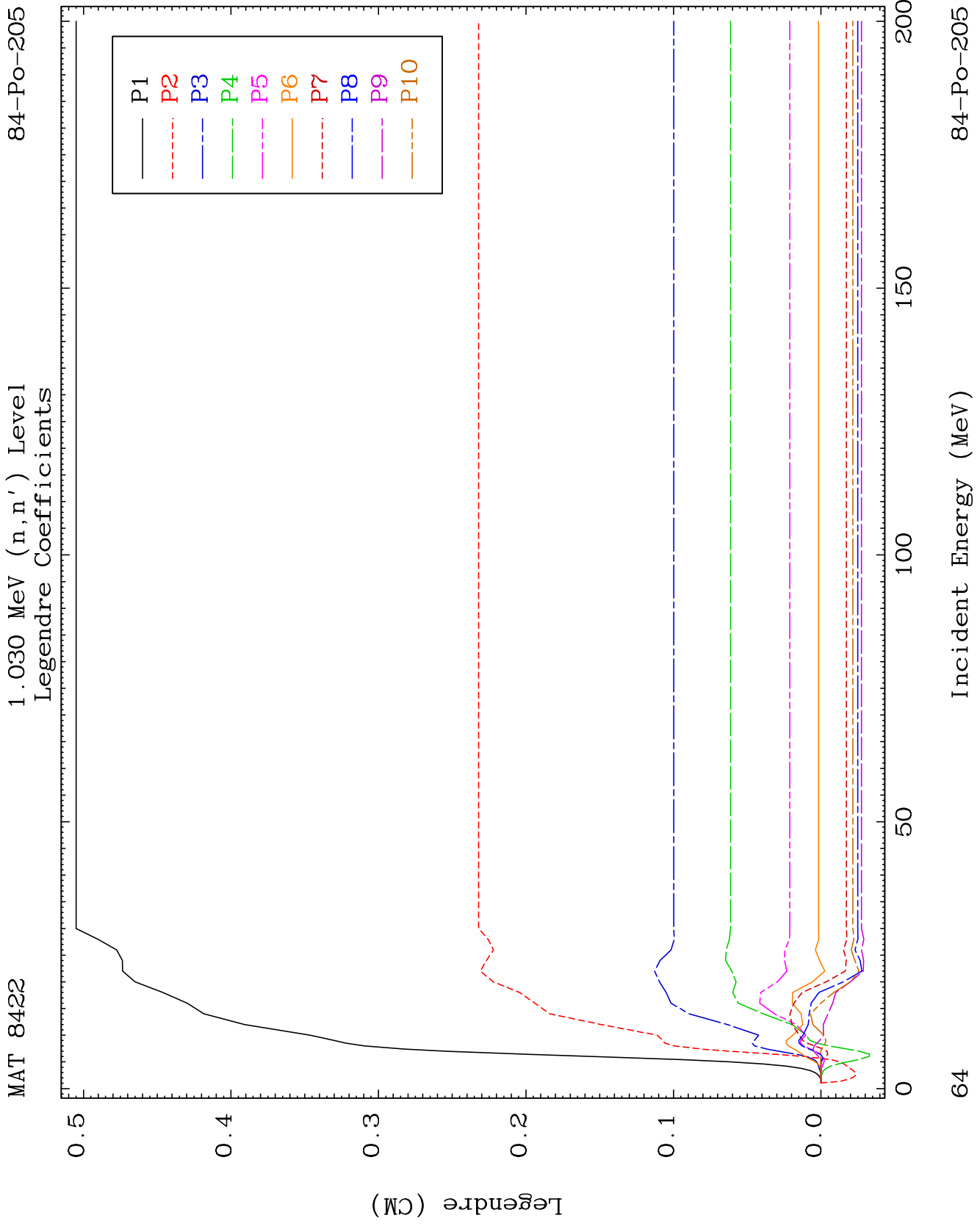
84-Po-205

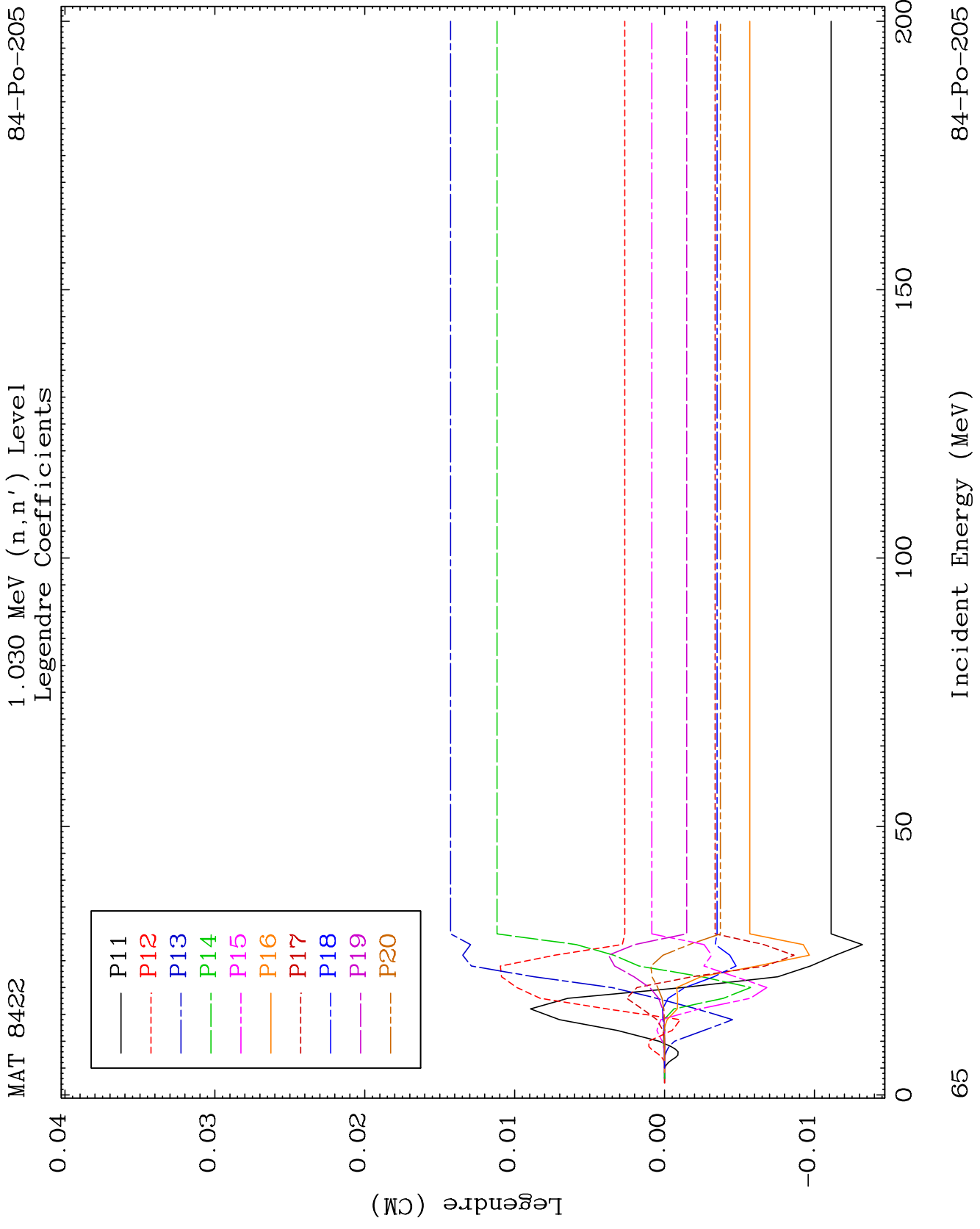
MAT 8422

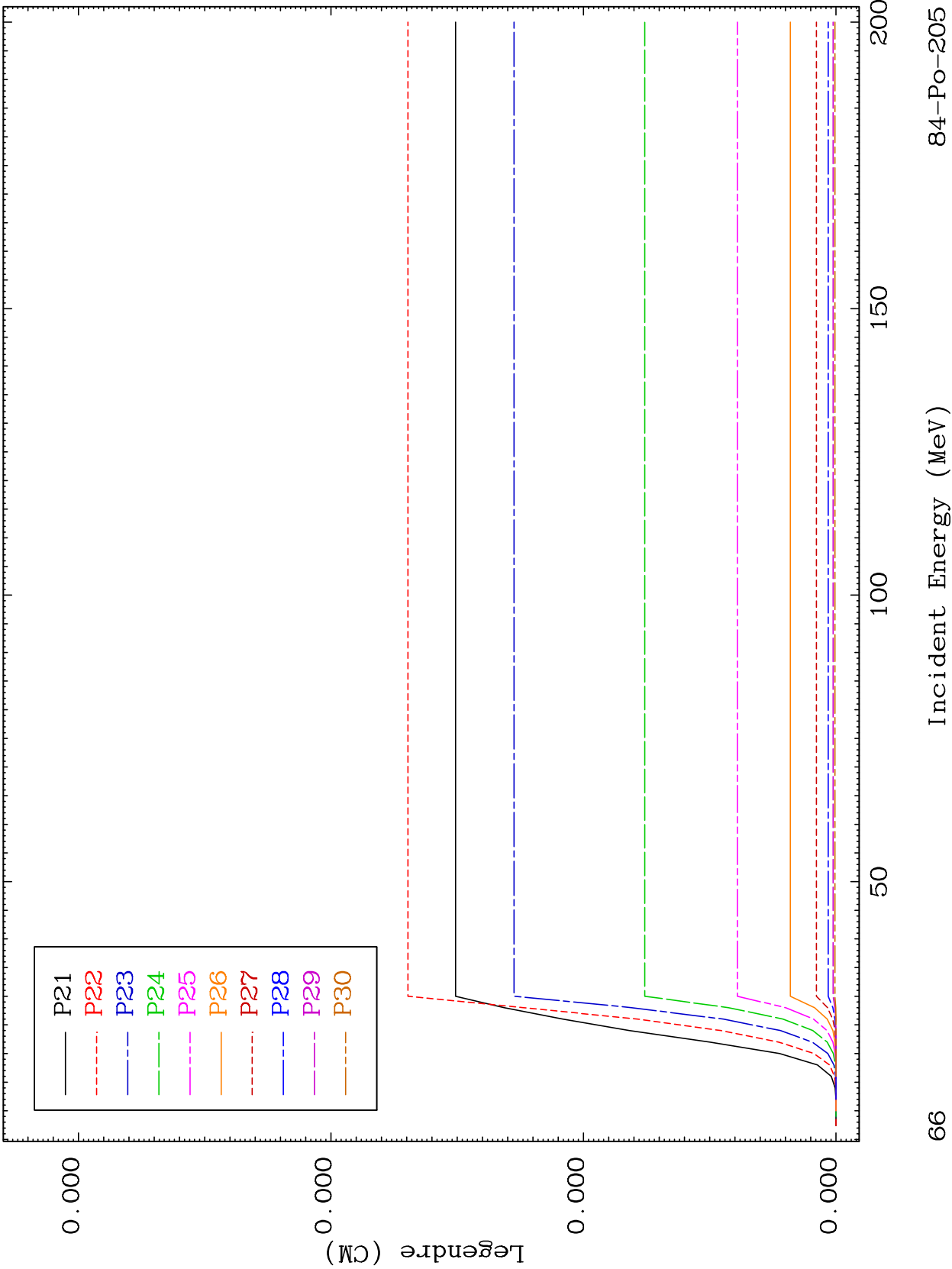
902.3 keV (n,n') Level
Legendre Coefficients

84-Po-205





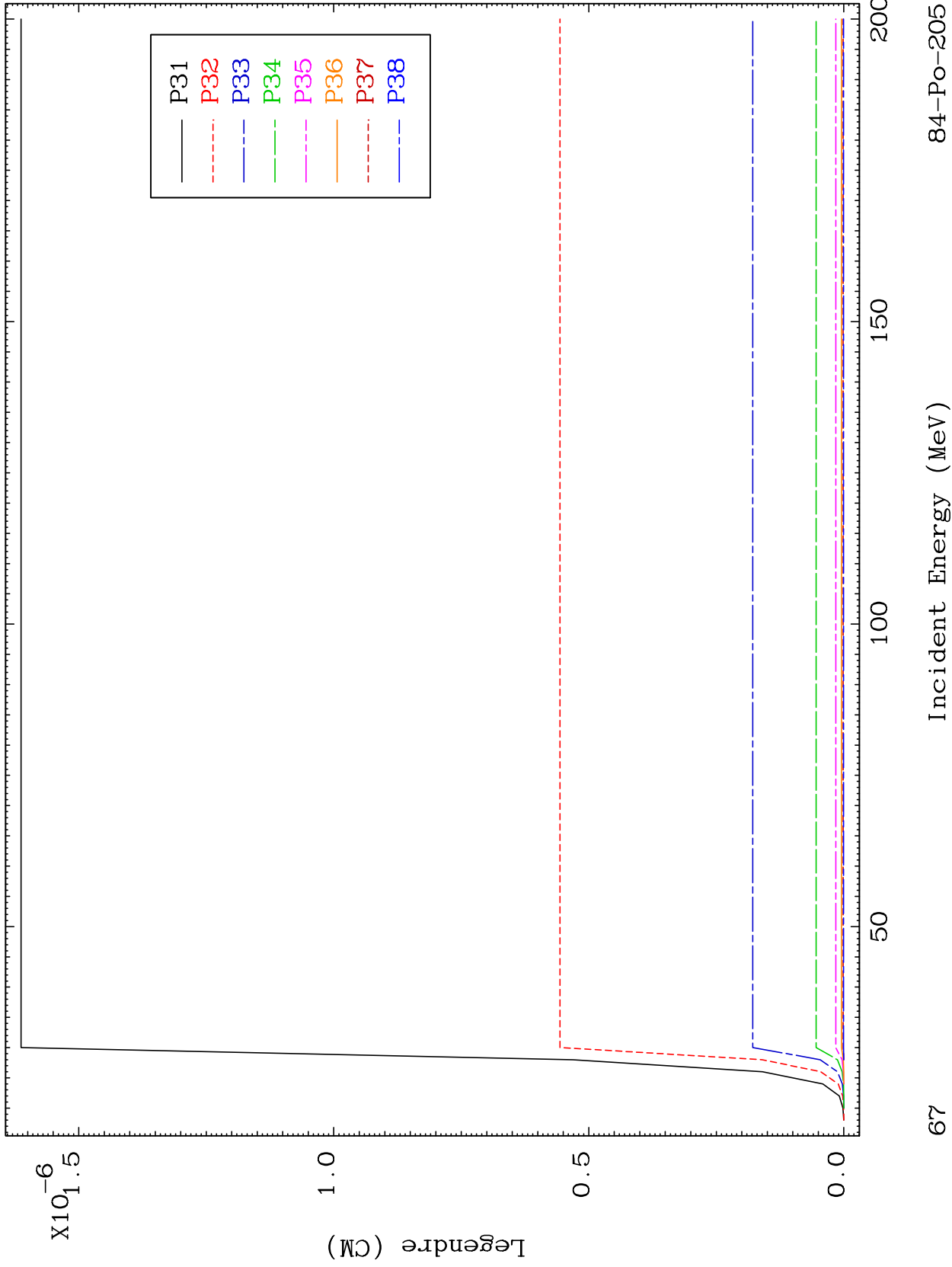


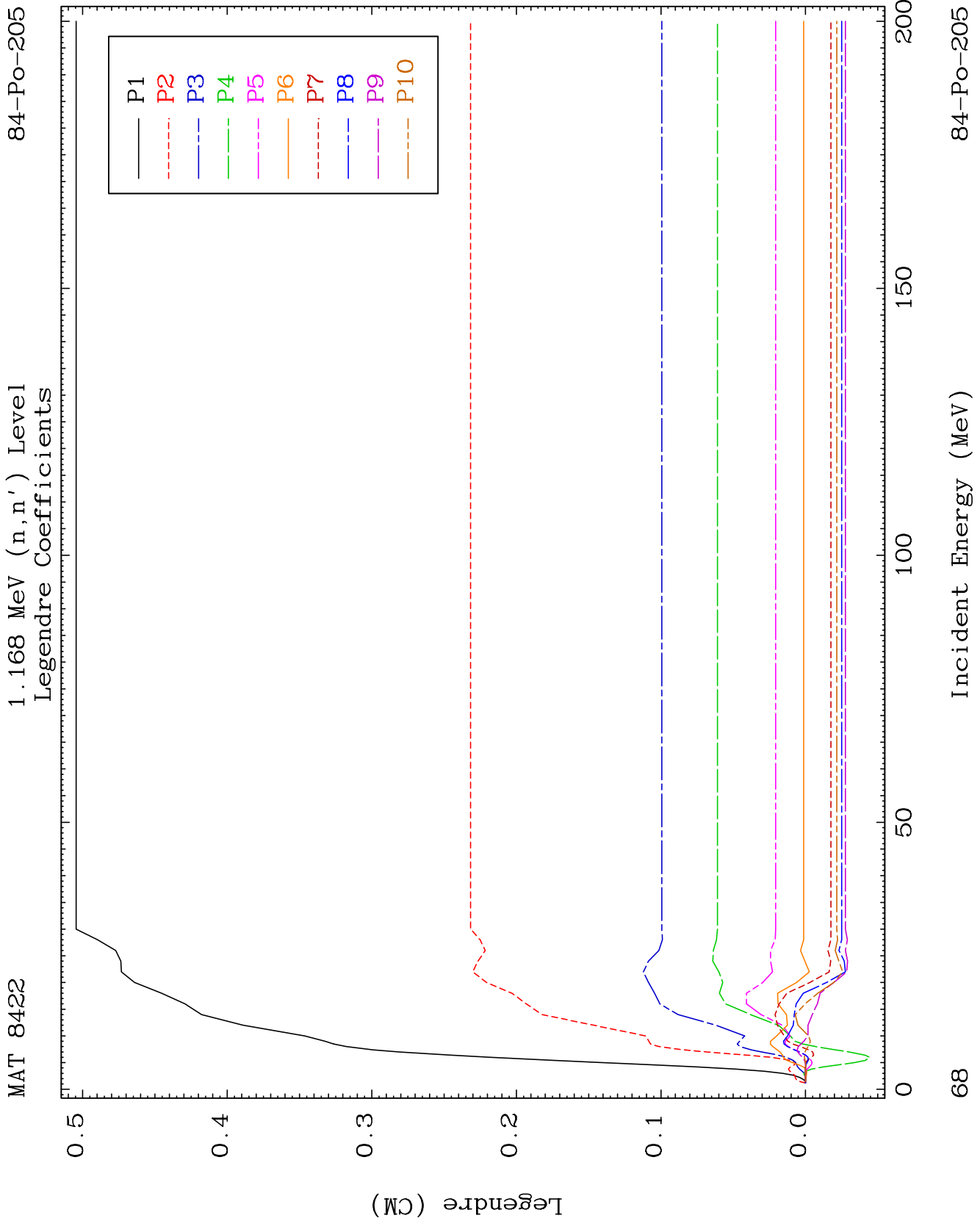


MAT 8422

1.030 MeV (n,n') Level
Legendre Coefficients

84-Po-205

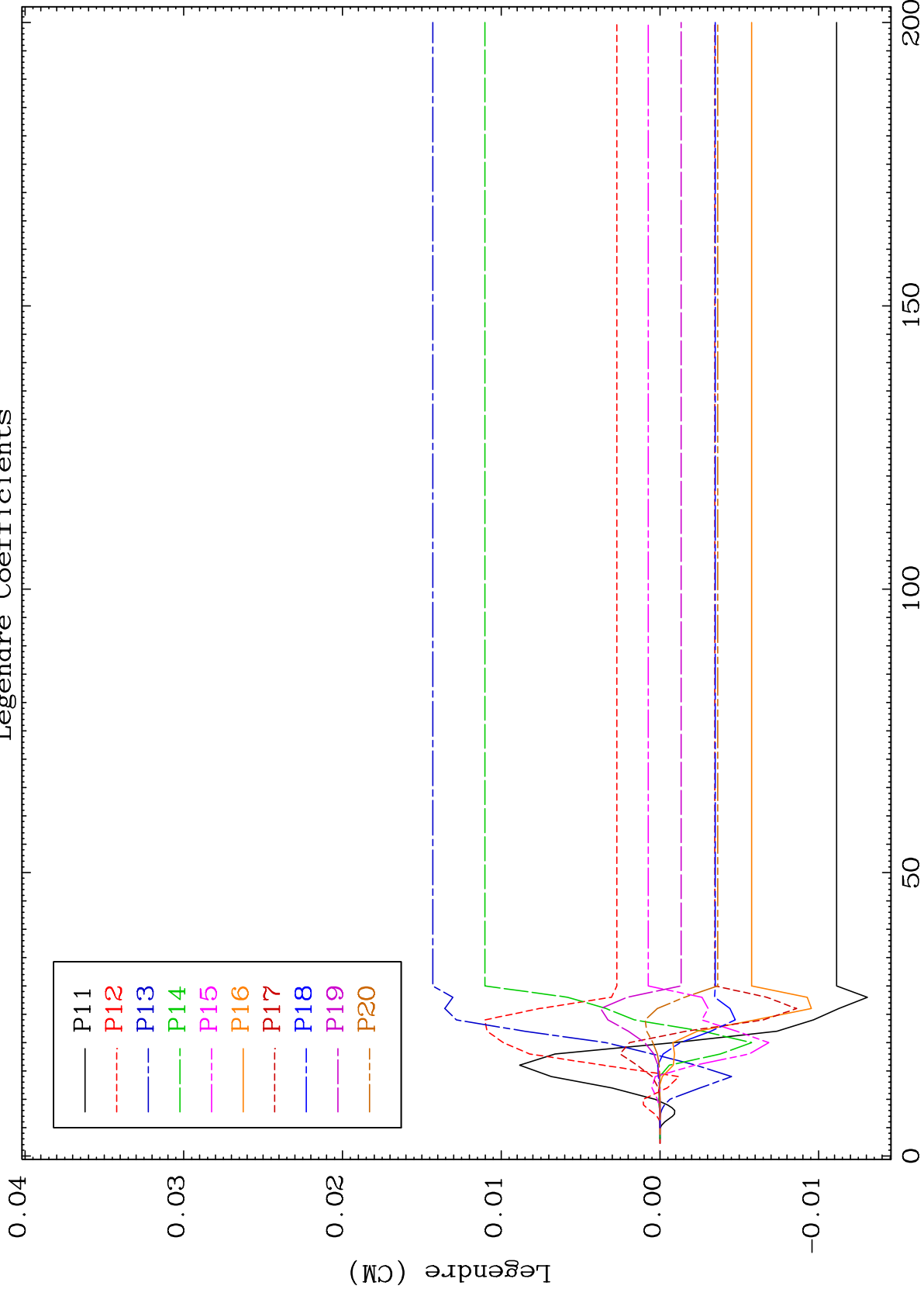




MAT 8422

1.168 MeV (n,n') Level
Legendre Coefficients

84-Po-205



69

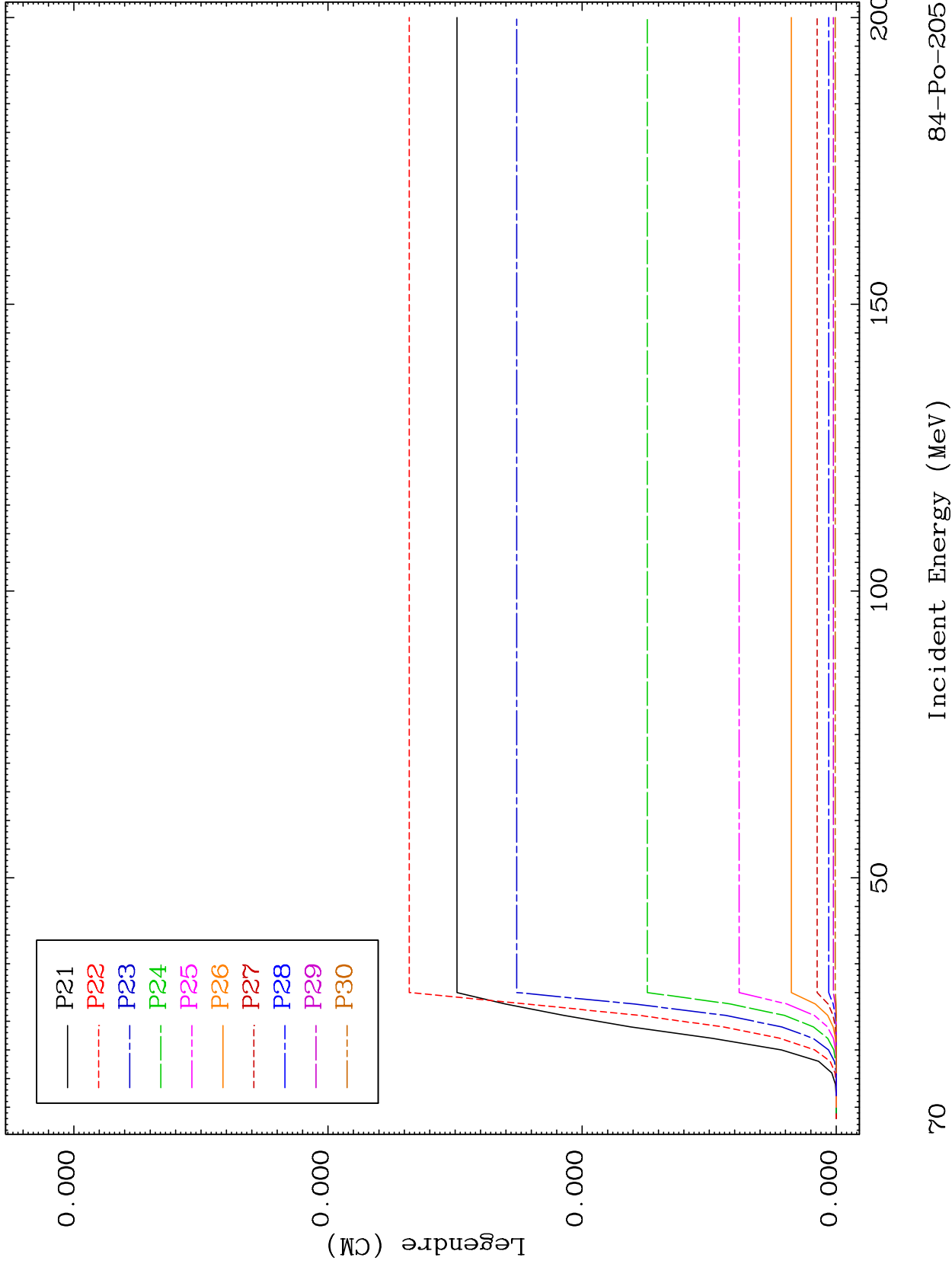
Incident Energy (MeV)

84-Po-205

MAT 8422

1.168 MeV (n,n') Level
Legendre Coefficients

84-Po-205



70

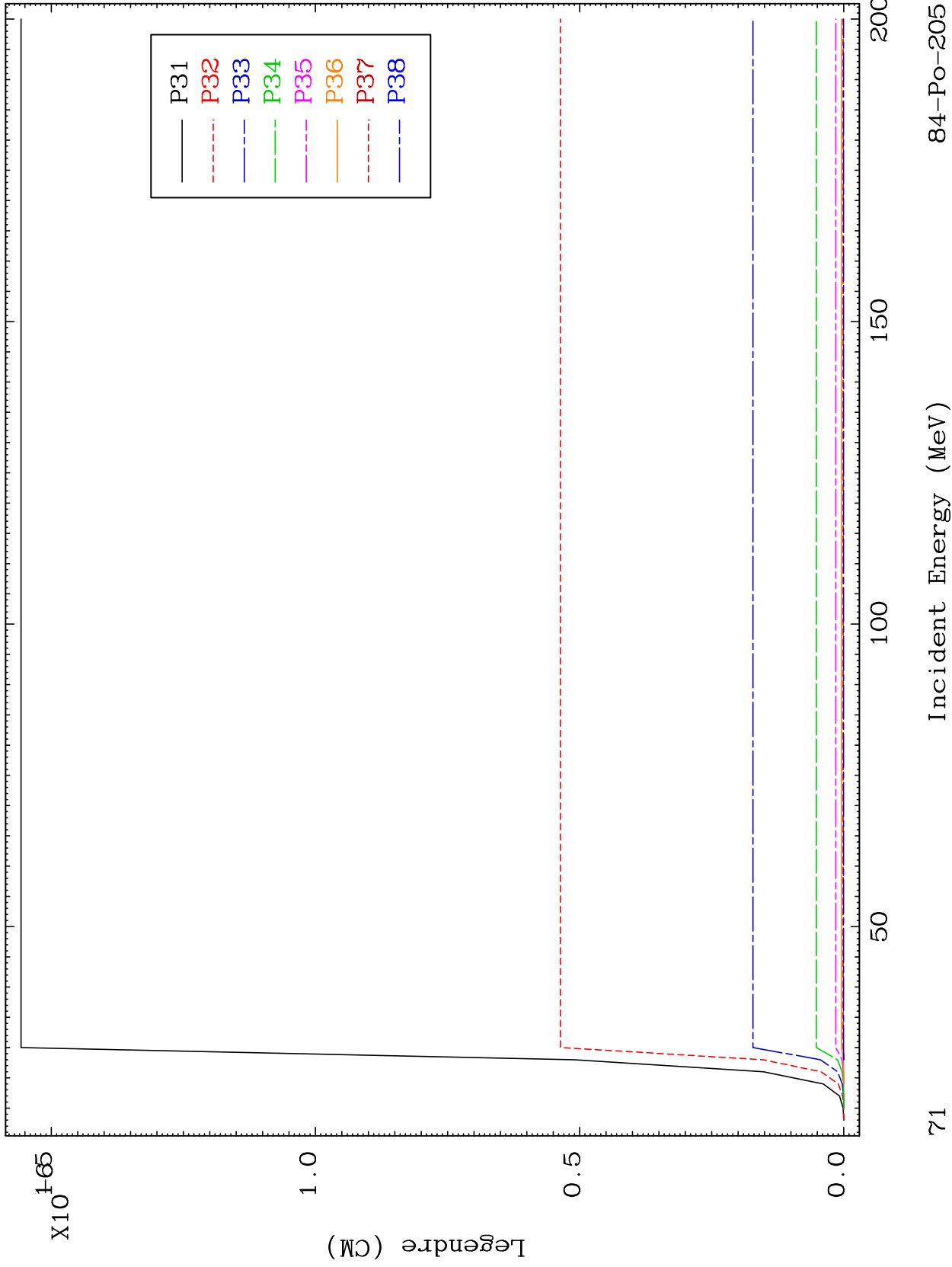
Incident Energy (MeV)

84-Po-205

MAT 8422

1.168 MeV (n,n') Level
Legendre Coefficients

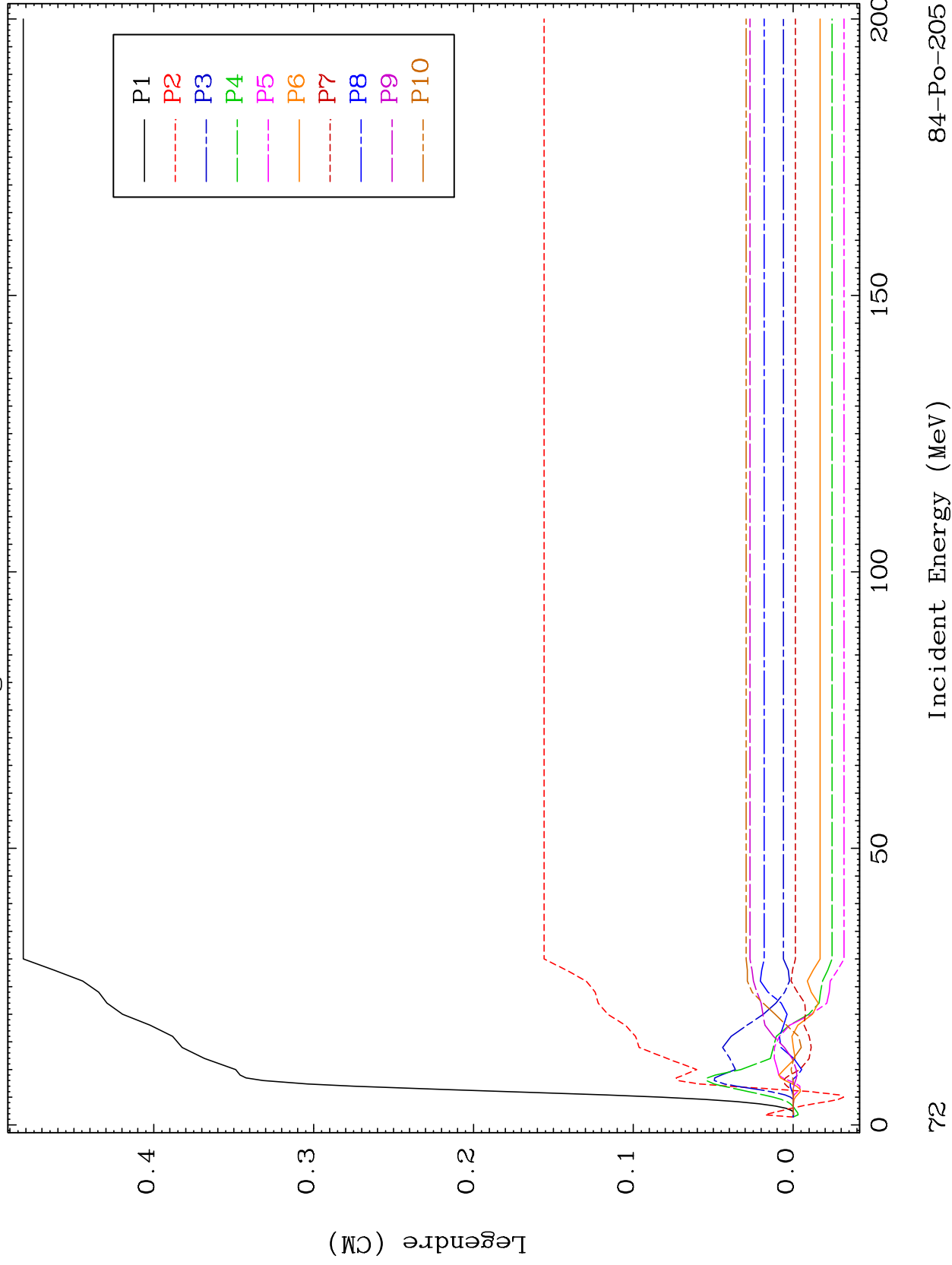
84-Po-205



MAT 8422

1.395 MeV (n,n') Level
Legendre Coefficients

84-Po-205



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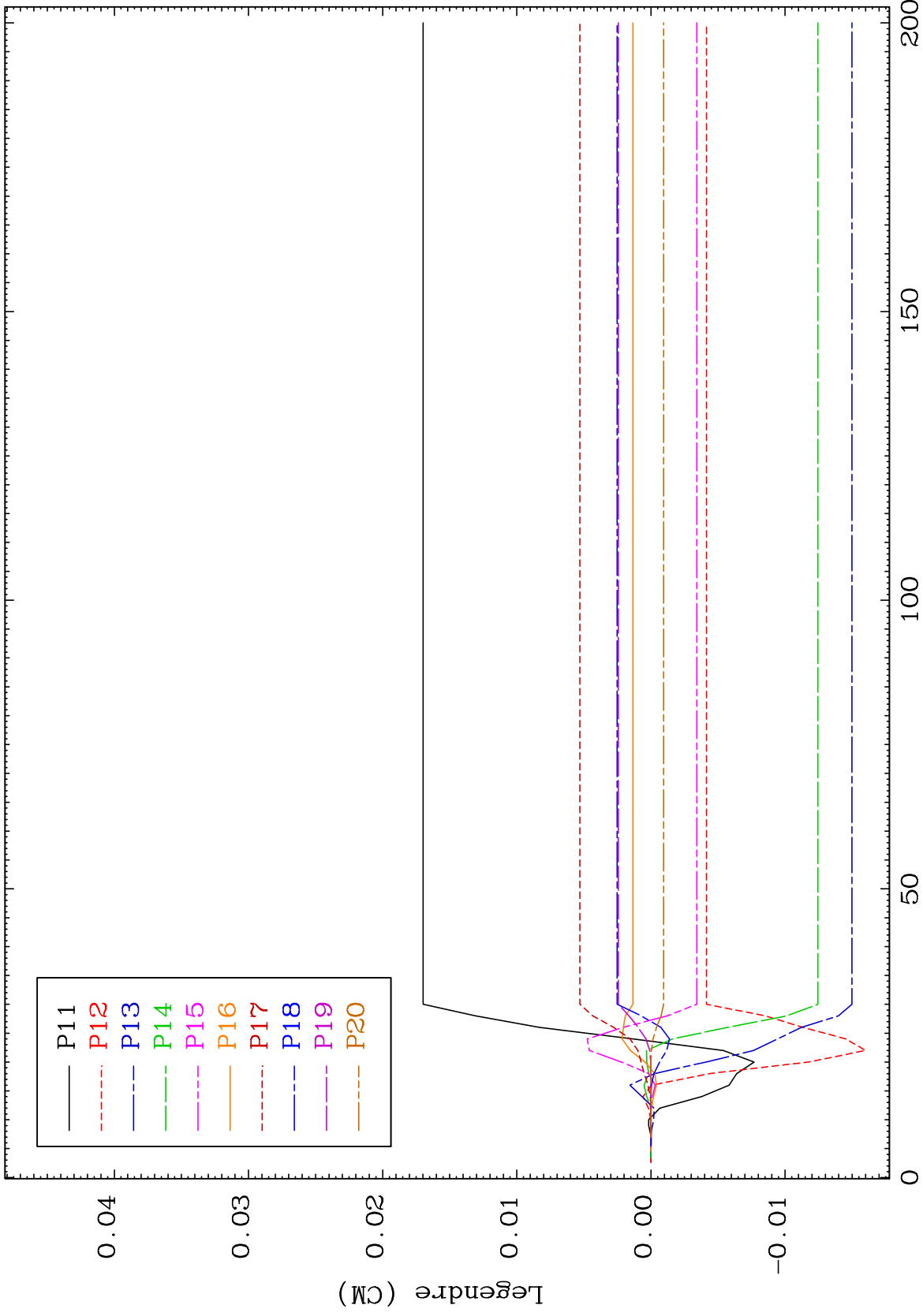
Incident Energy (MeV)

84-Po-205

MAT 8422

1.395 MeV (n,n') Level
Legendre Coefficients

84-Po-205



73

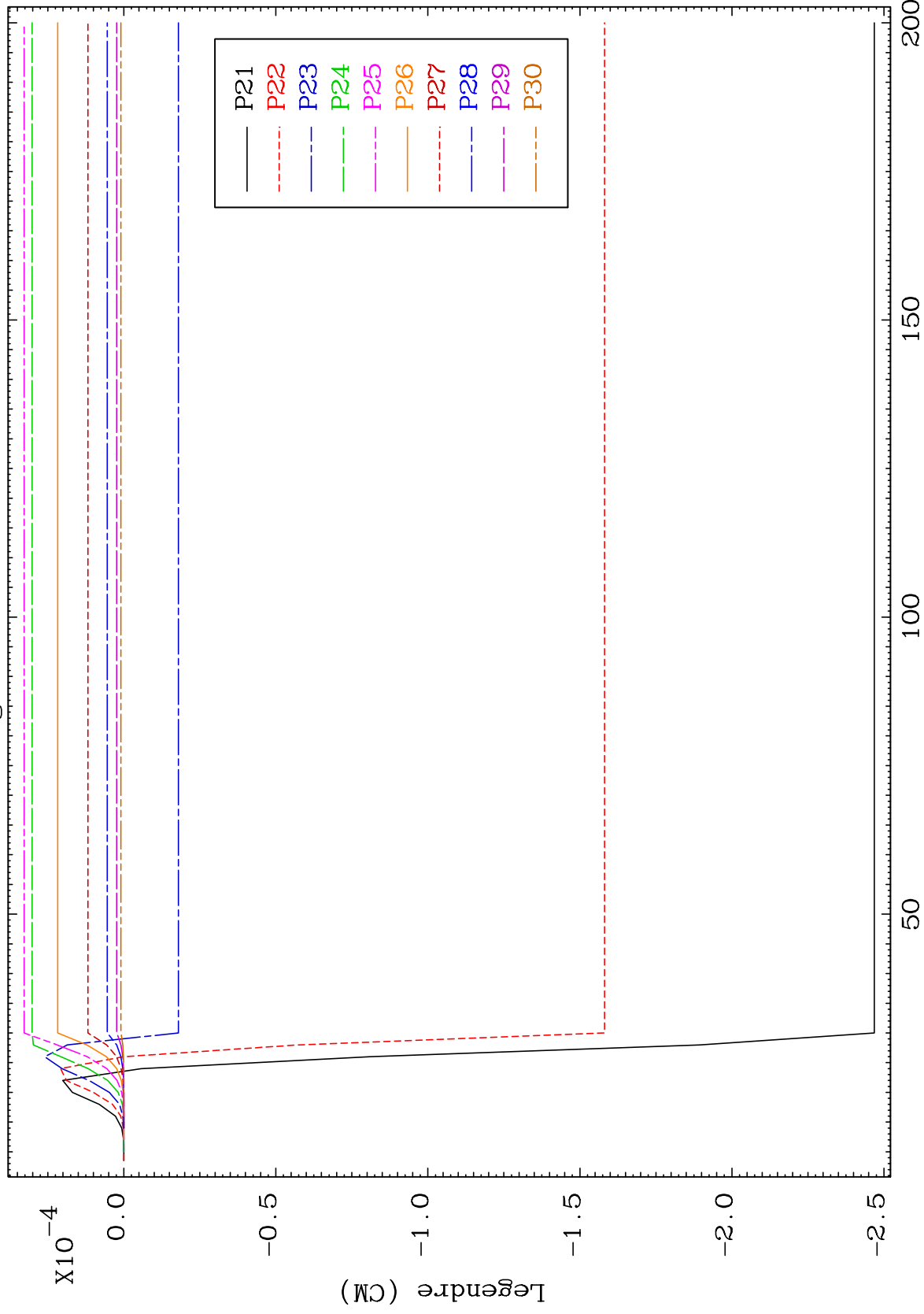
Incident Energy (MeV)

84-Po-205

MAT 8422

1.395 MeV (n,n') Level
Legendre Coefficients

84-Po-205



74

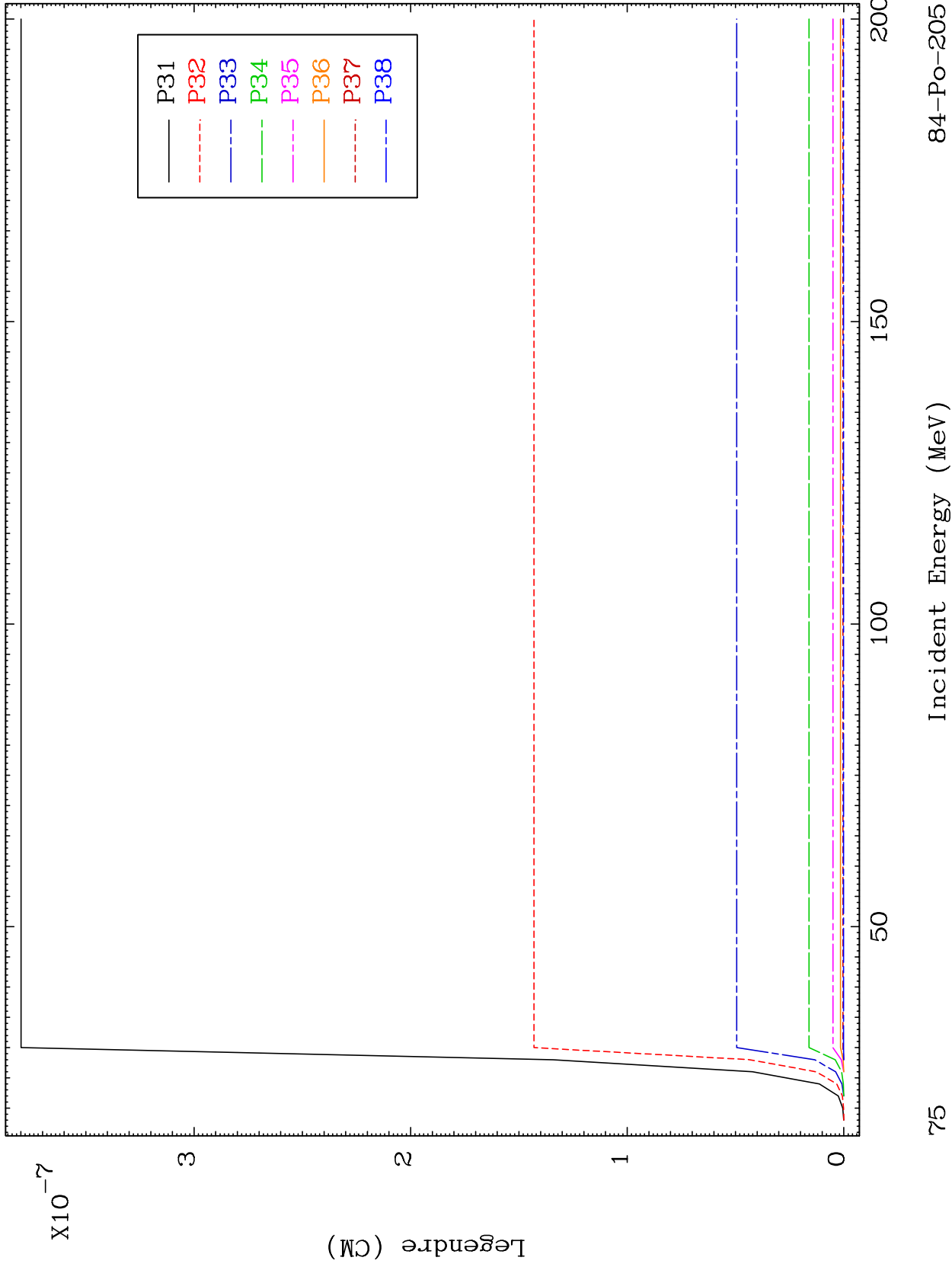
Incident Energy (MeV)

84-Po-205

MAT 8422

1.395 MeV (n,n') Level
Legendre Coefficients

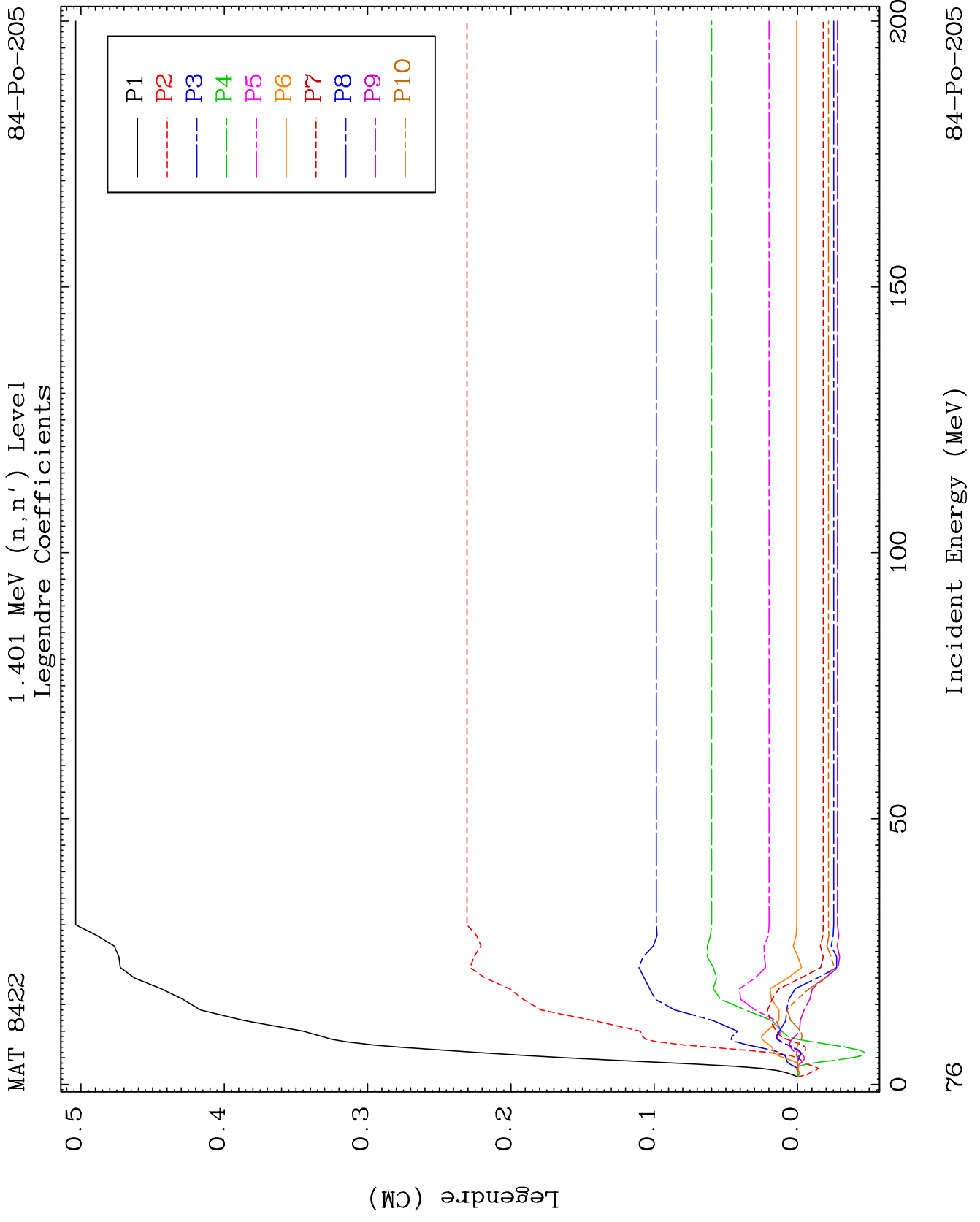
84-Po-205



75

Incident Energy (MeV)

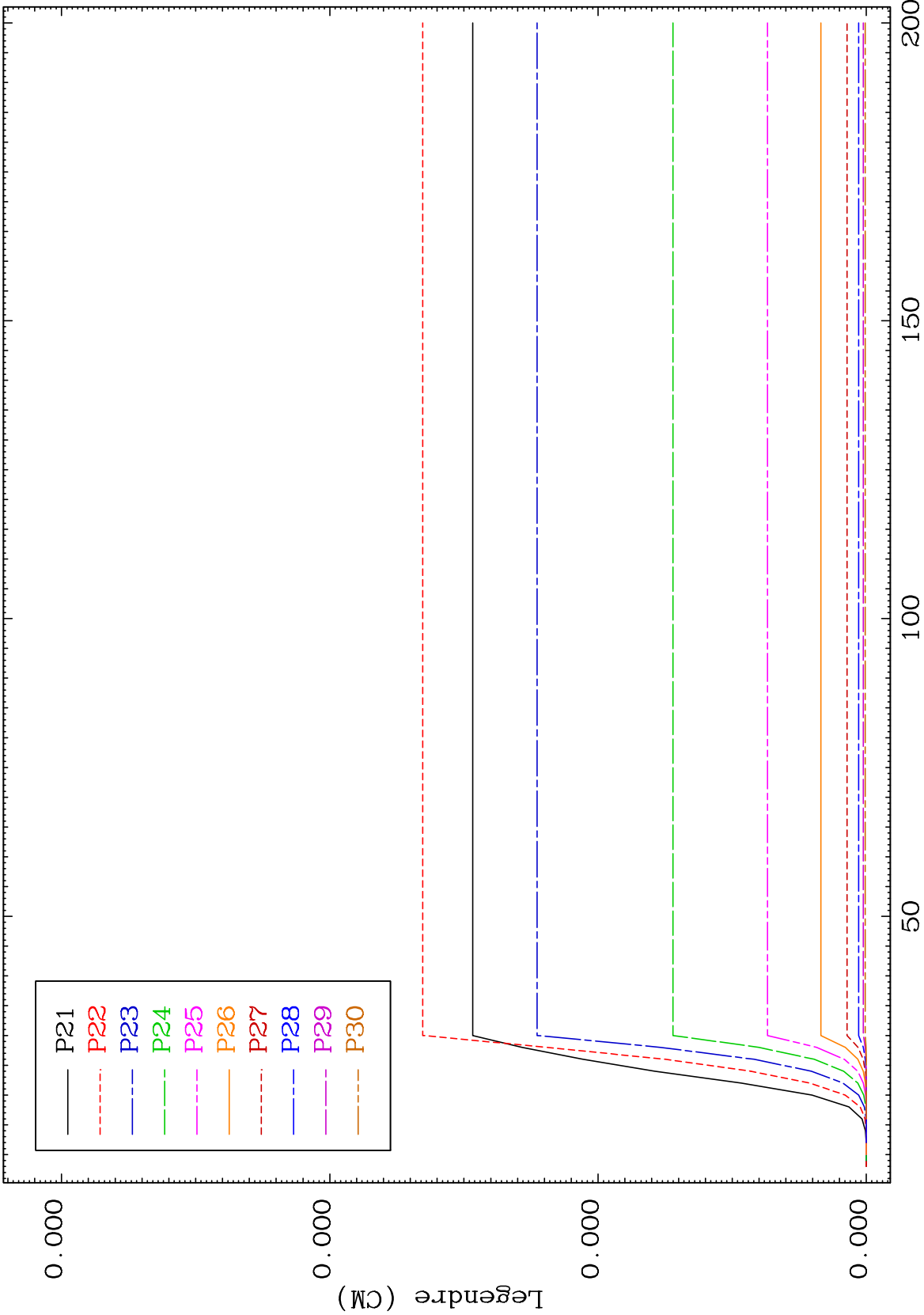
84-Po-205



MAT 8422

1.401 MeV (n,n') Level
Legendre Coefficients

84-Po-205



78

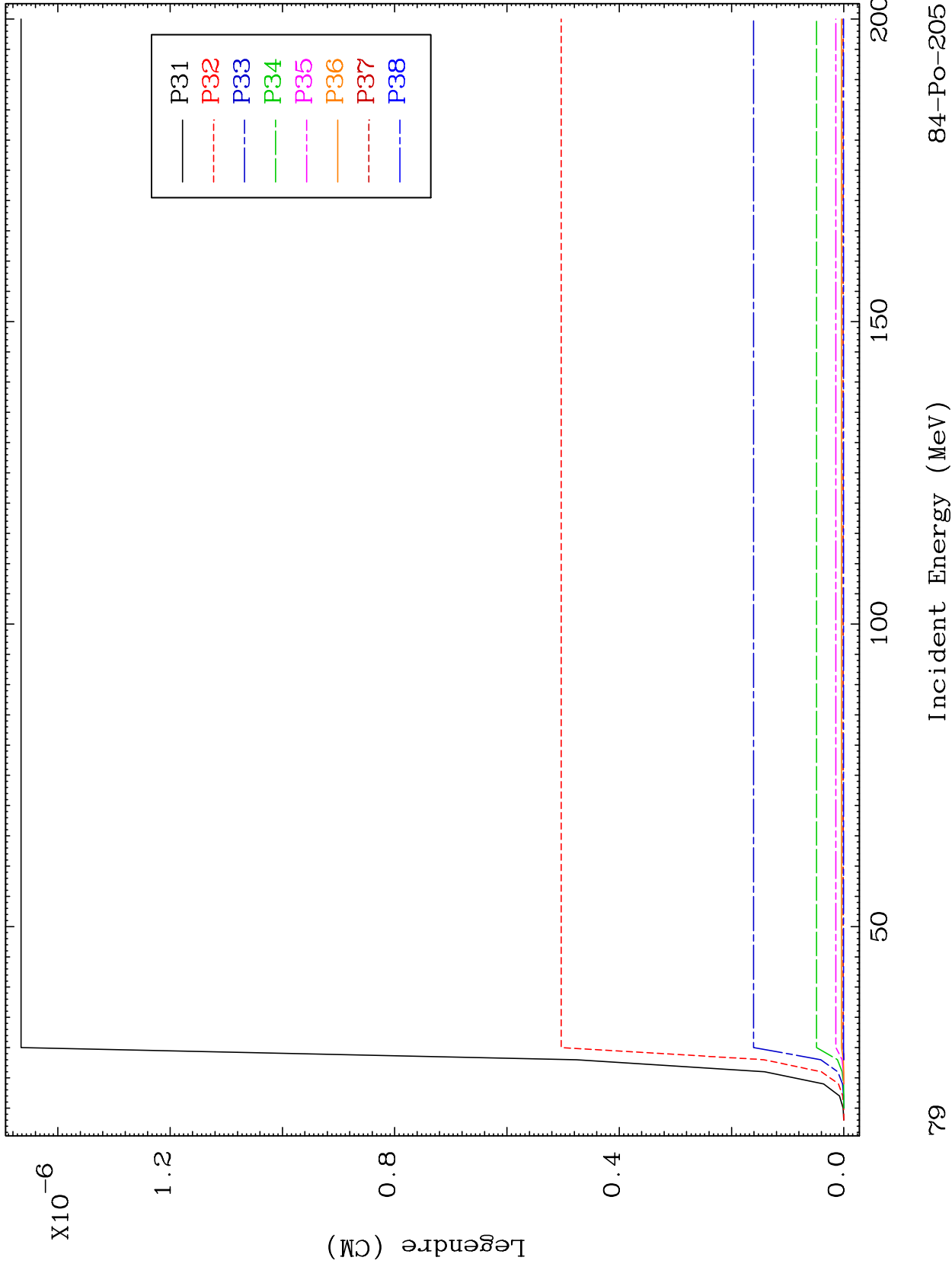
Incident Energy (MeV)

84-Po-205

MAT 8422

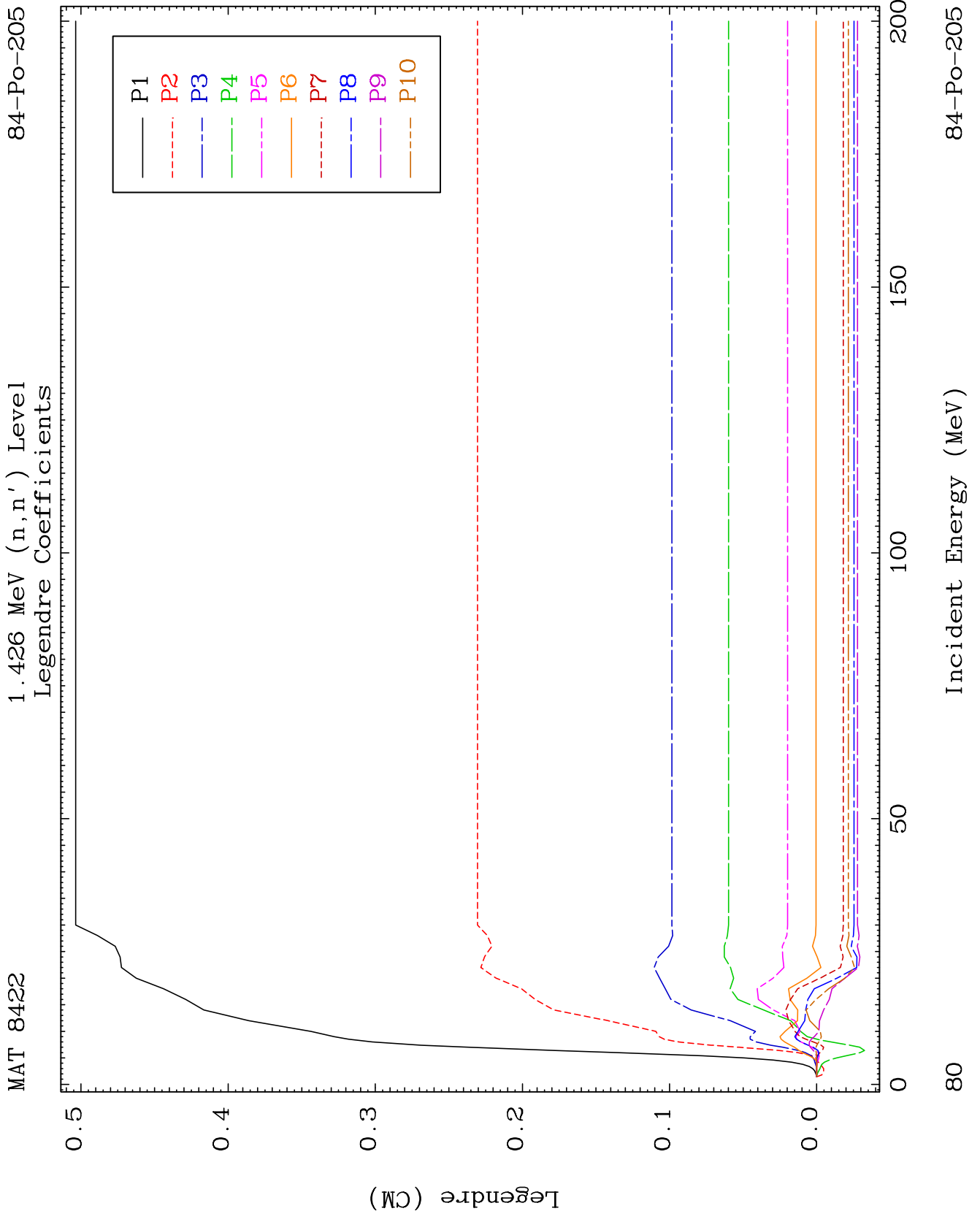
1.401 MeV (n,n') Level
Legendre Coefficients

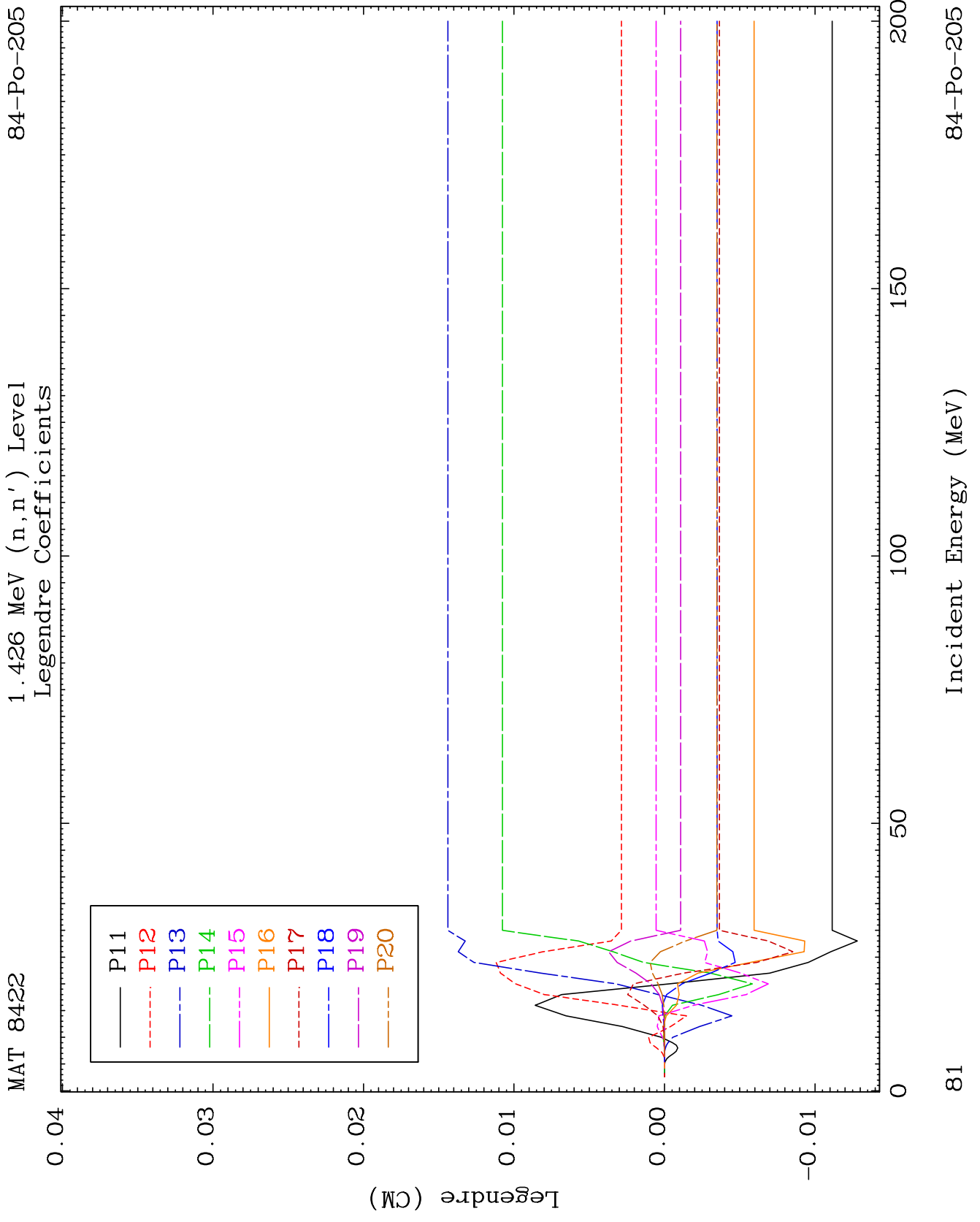
84-Po-205



79

84-Po-205

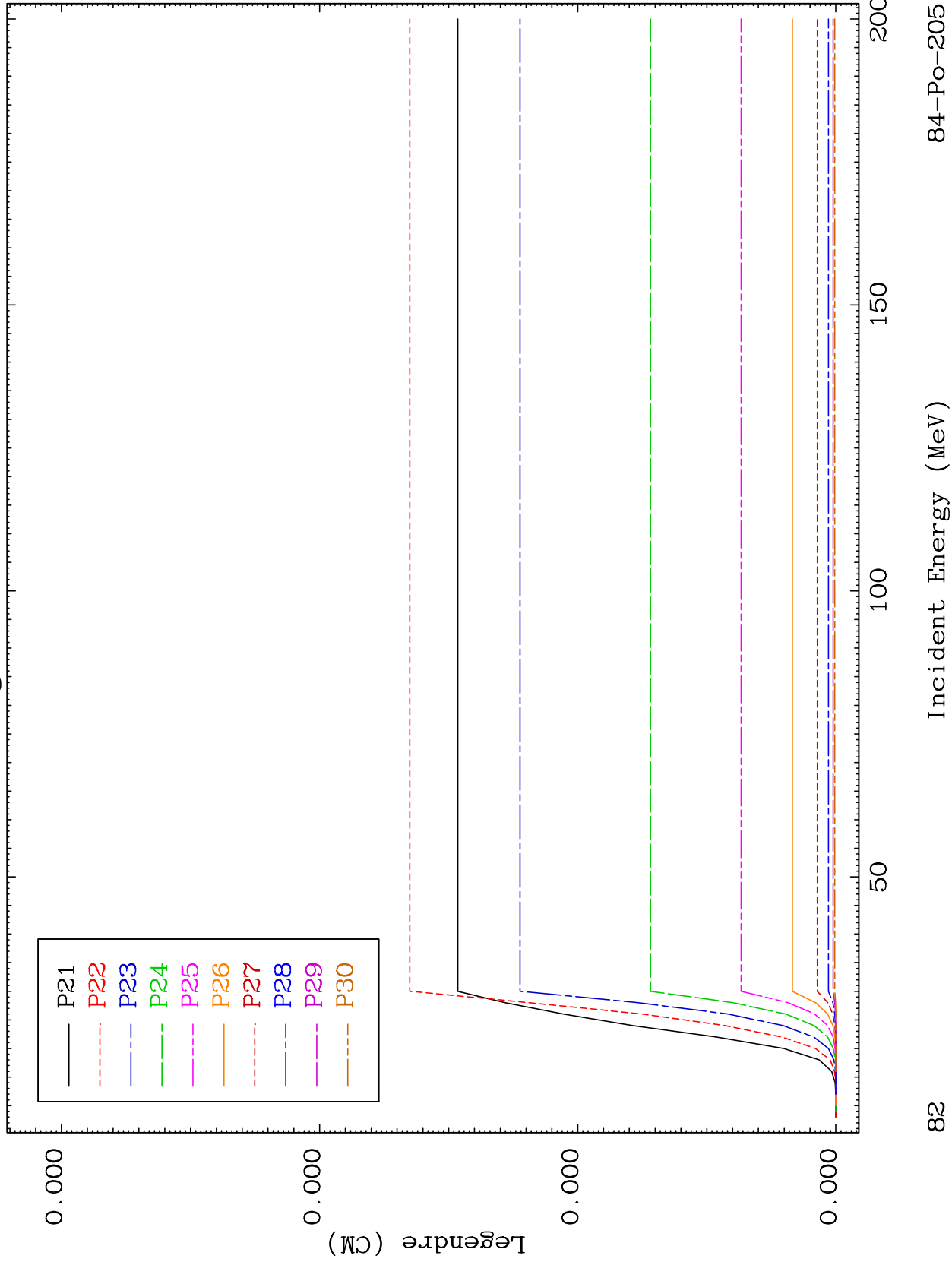




MAT 8422

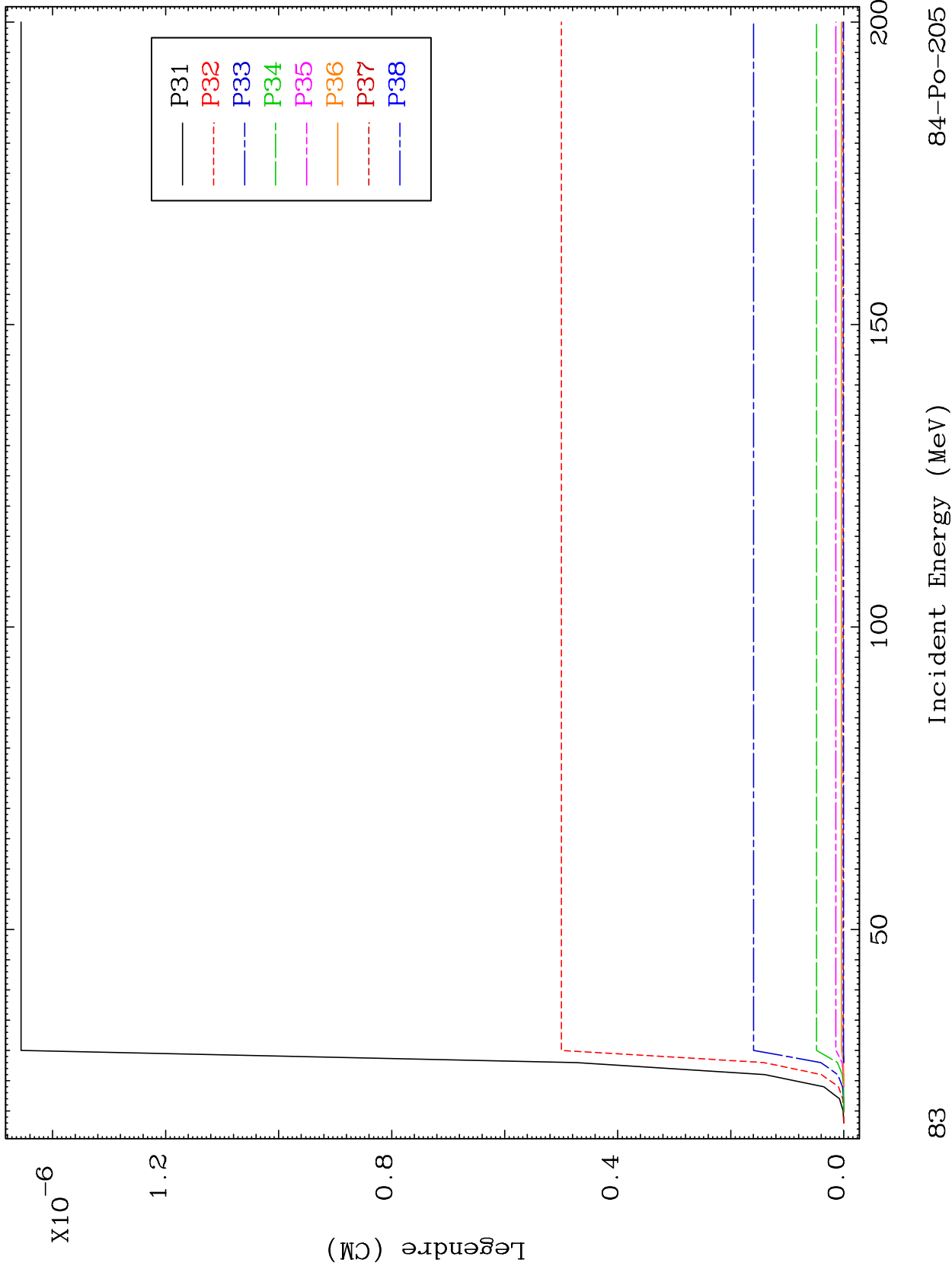
1.426 MeV (n,n') Level
Legendre Coefficients

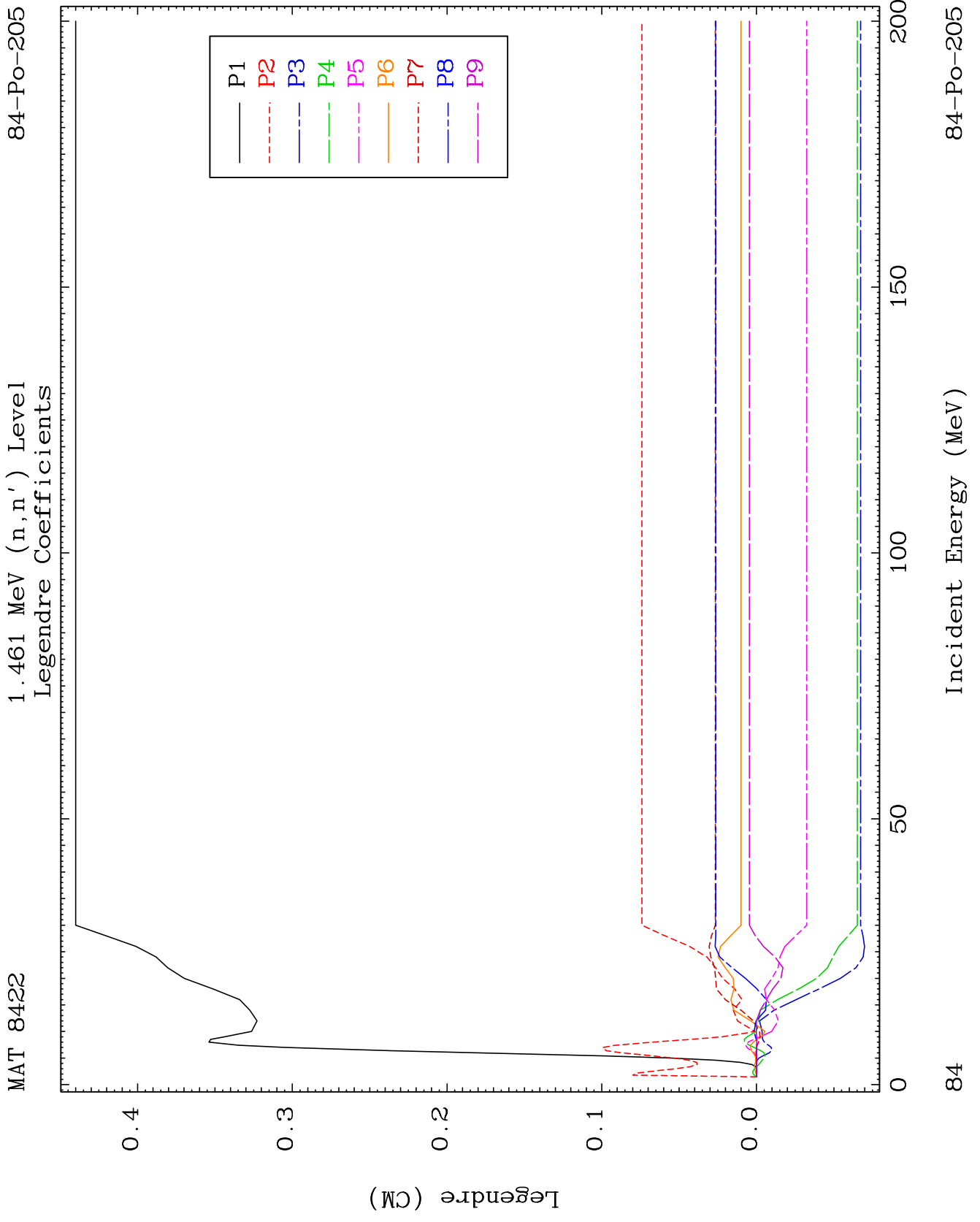
84-Po-205



82

84-Po-205

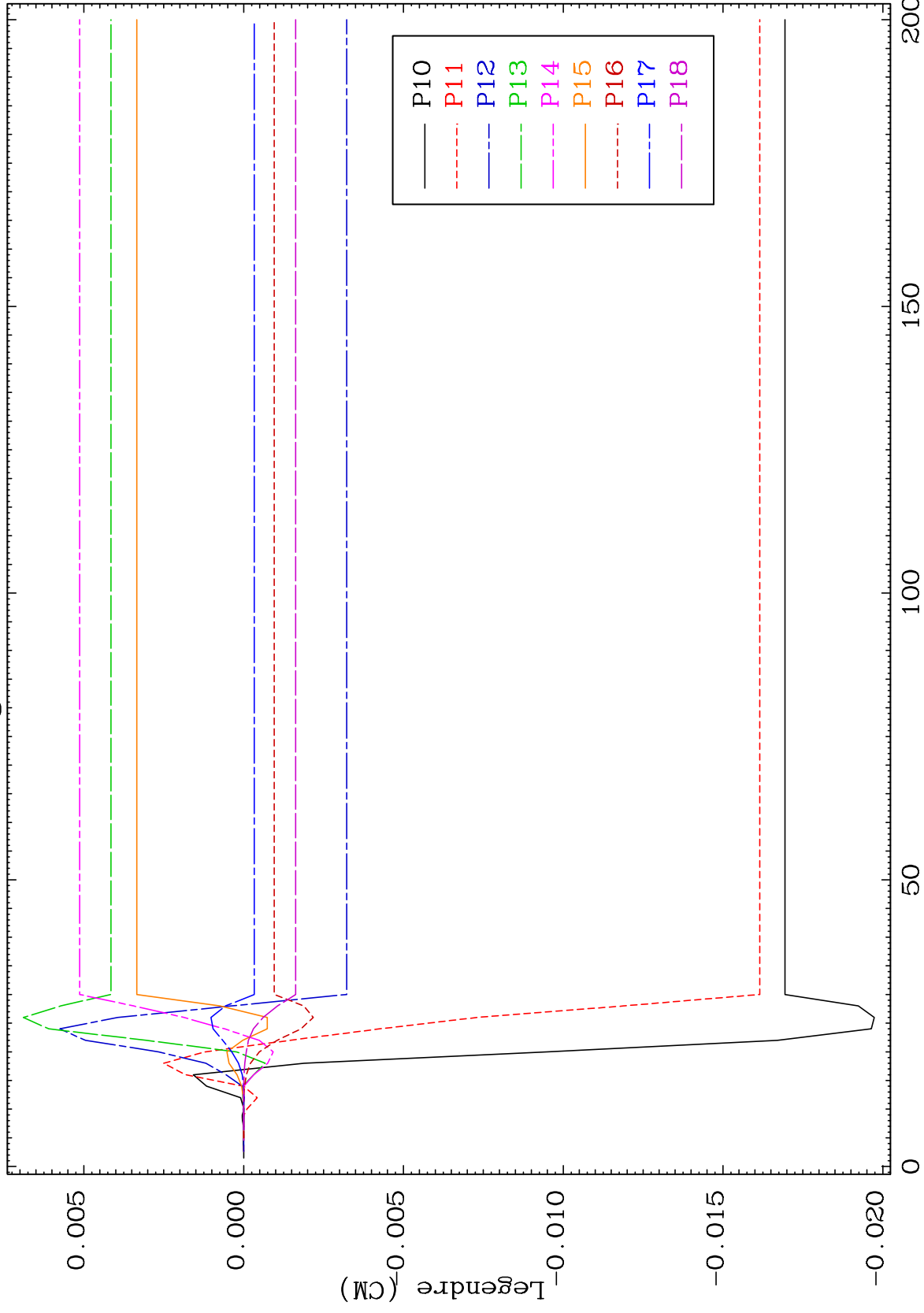




MAT 8422

1.461 MeV (n,n') Level
Legendre Coefficients

84-Po-205



85

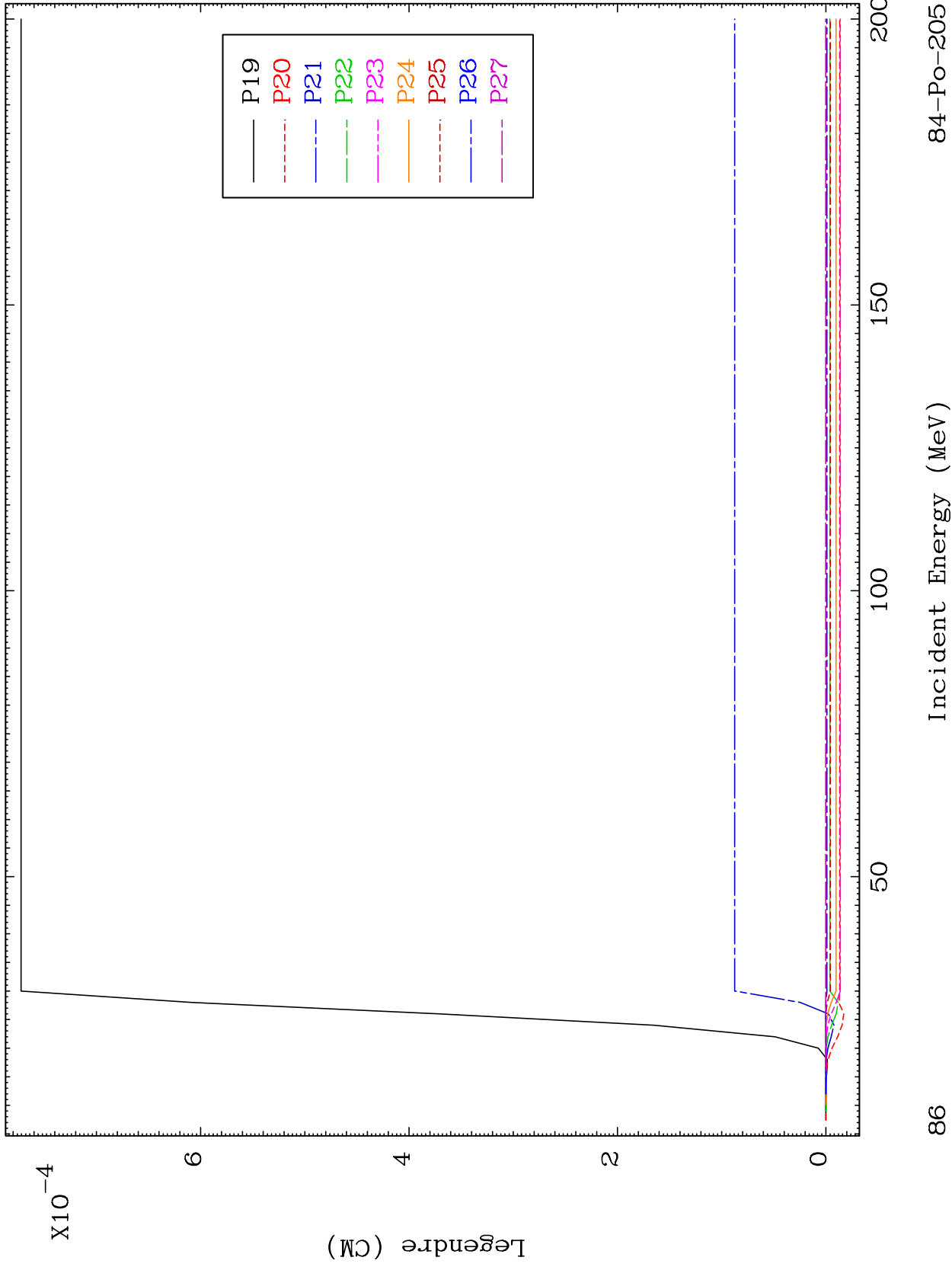
Incident Energy (MeV)

84-Po-205

MAT 8422

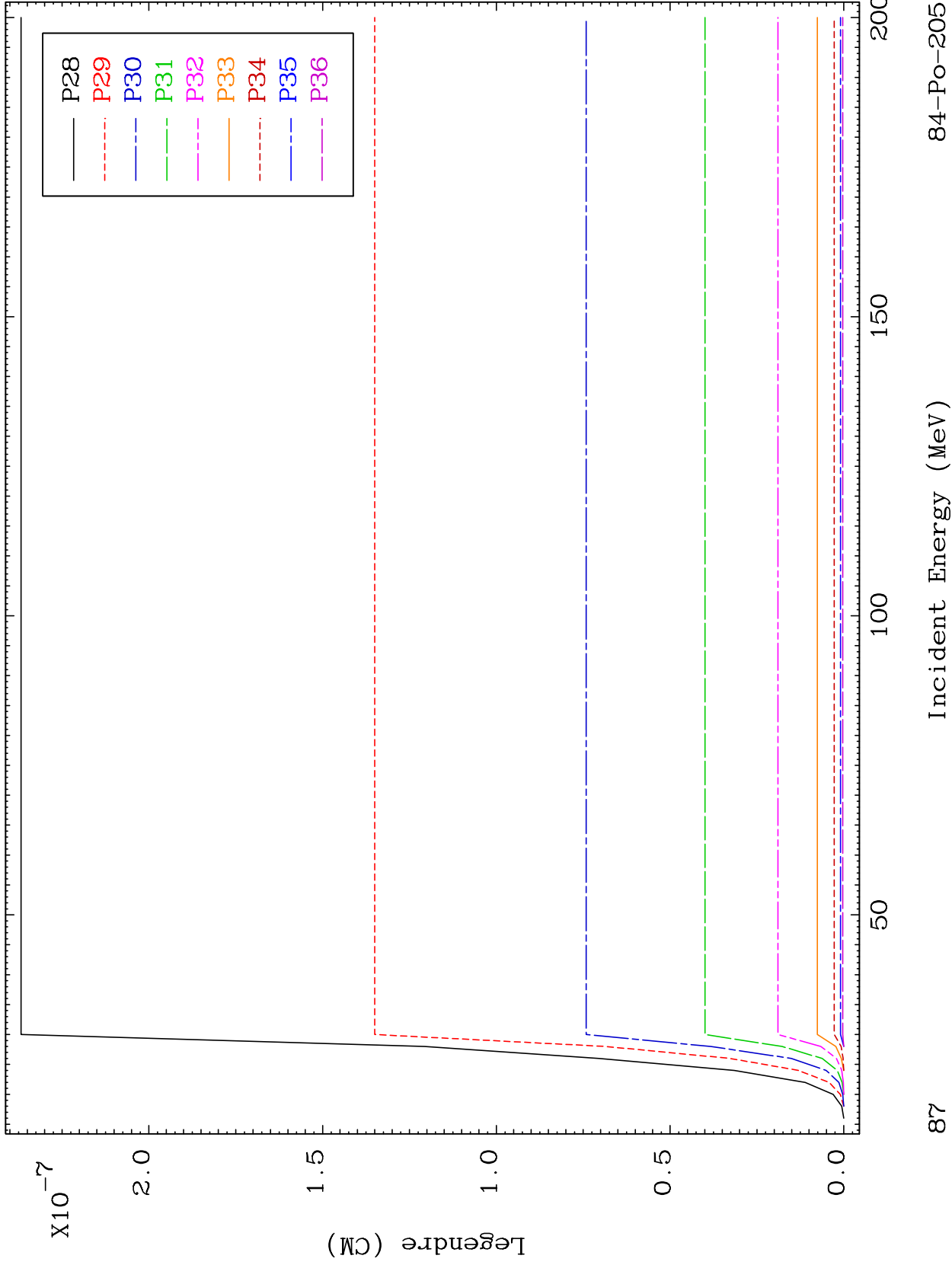
1.461 MeV (n,n') Level
Legendre Coefficients

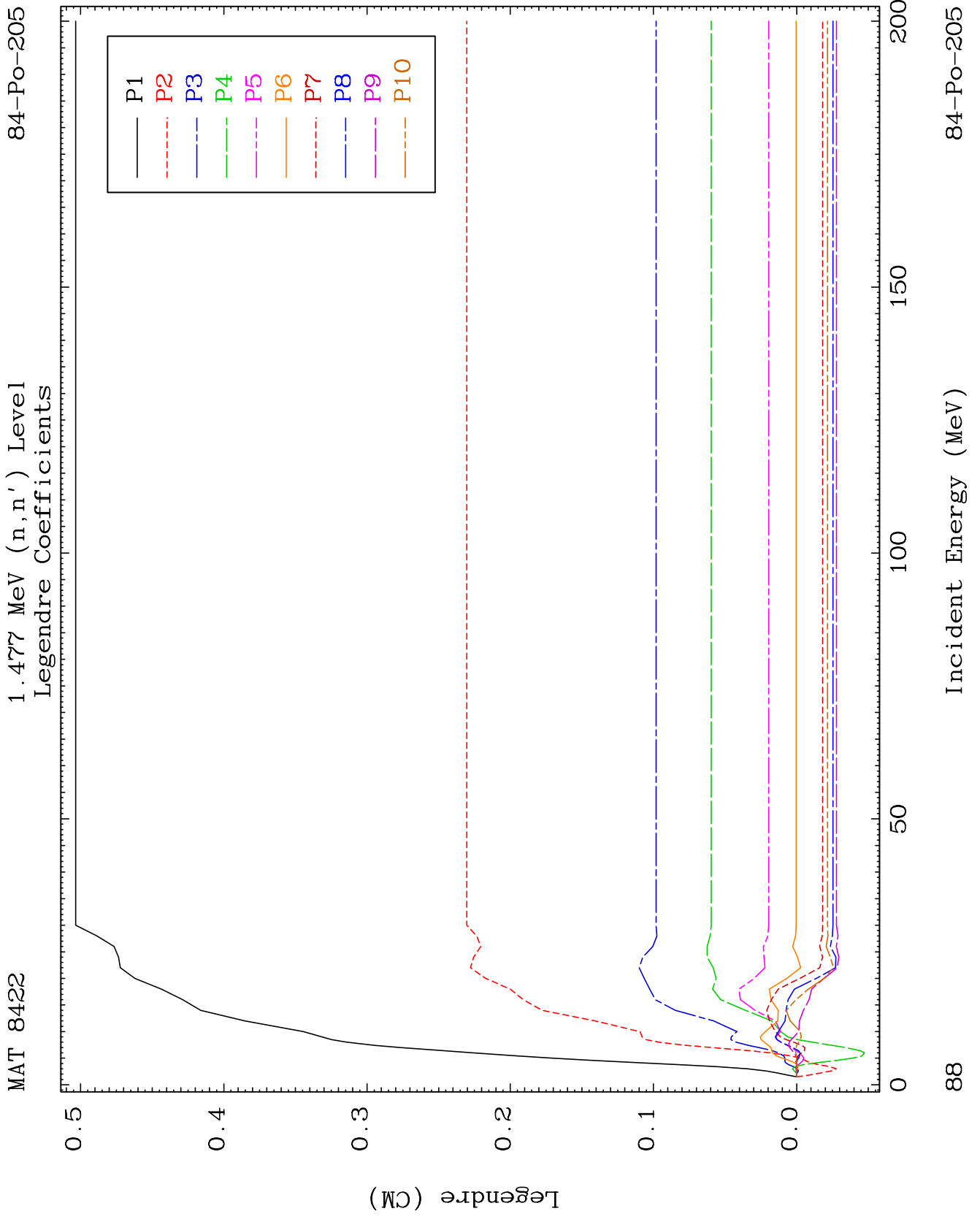
84-Po-205

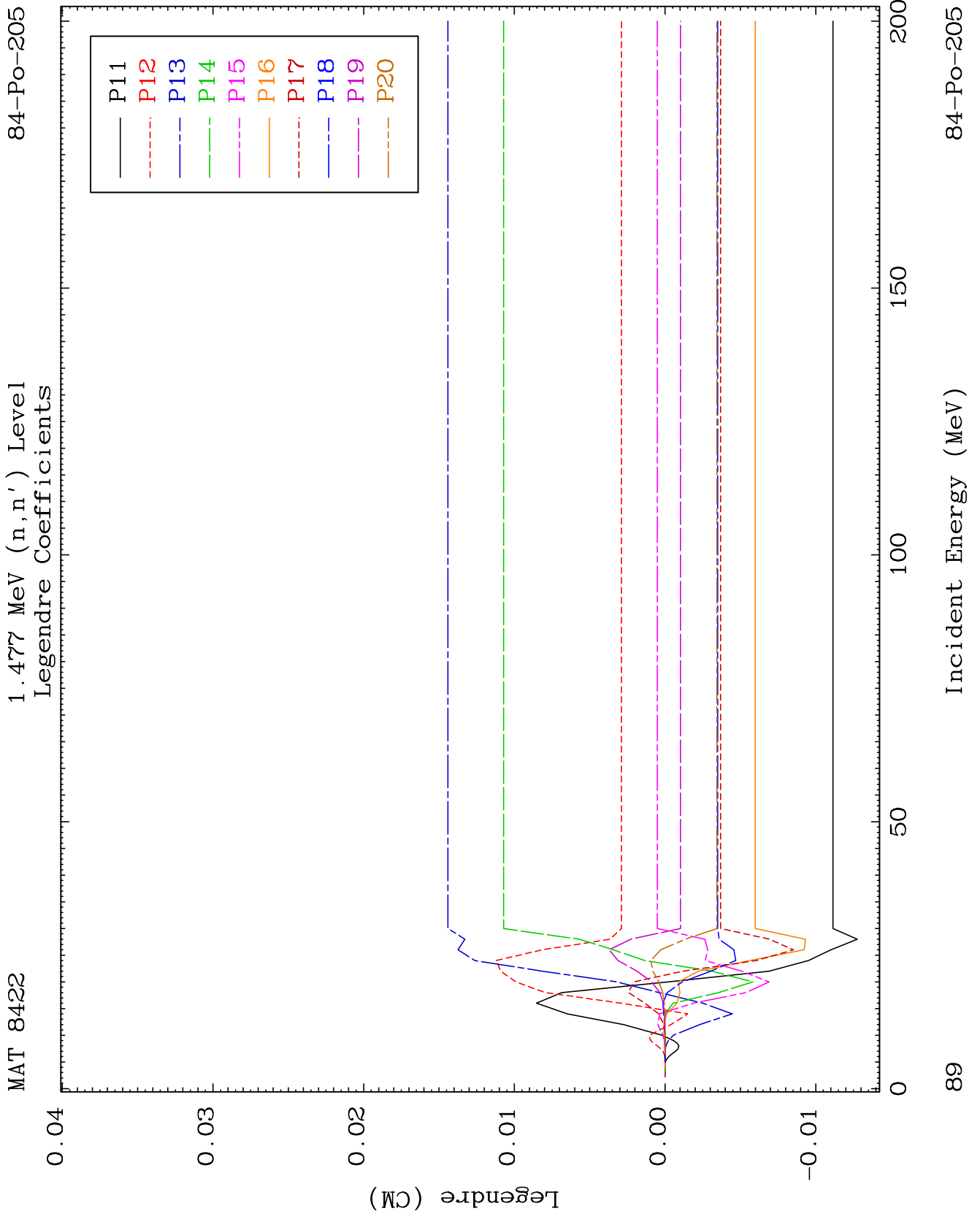


86

84-Po-205



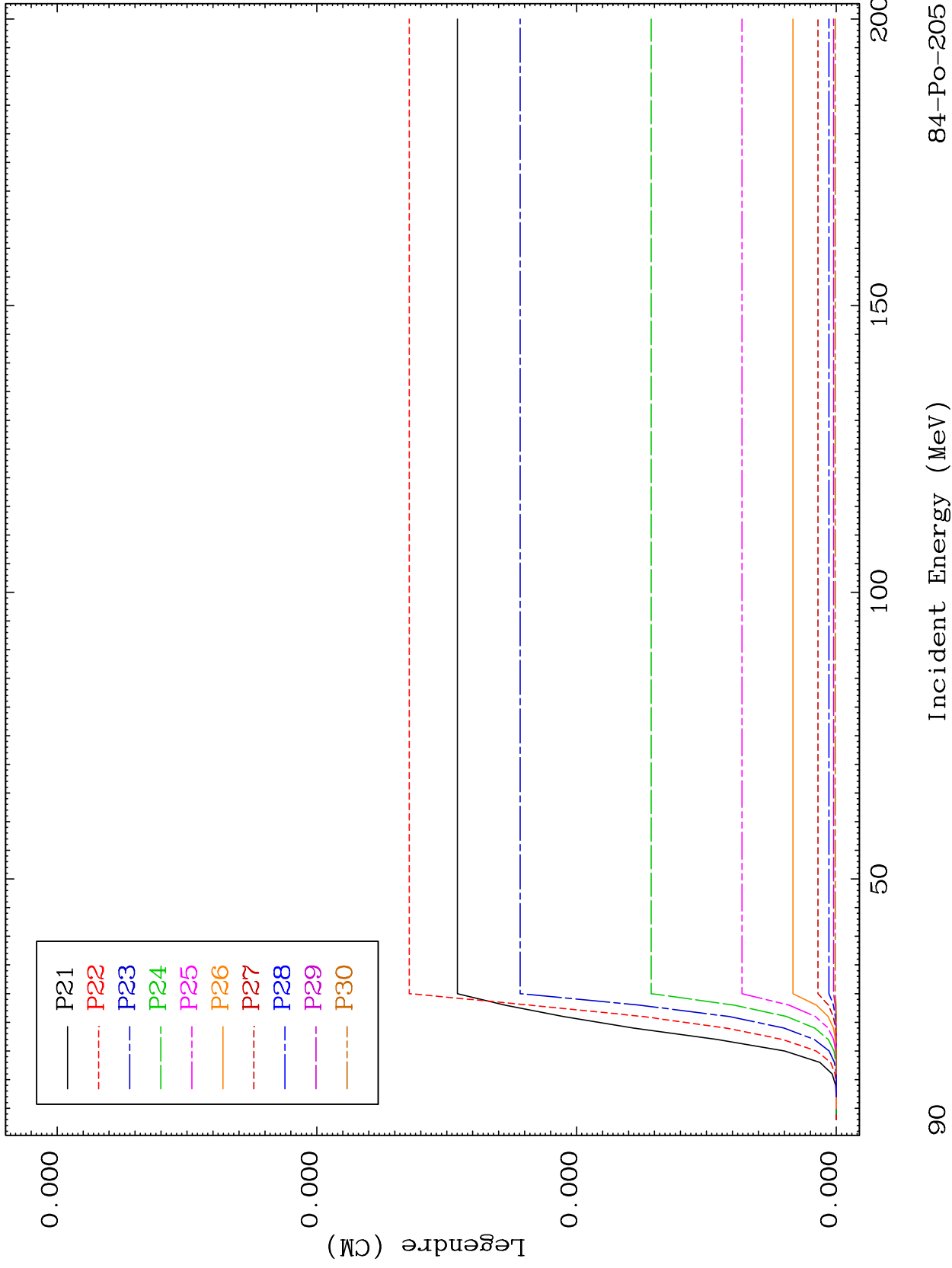




MAT 8422

1.477 MeV (n,n') Level
Legendre Coefficients

84-Po-205



90

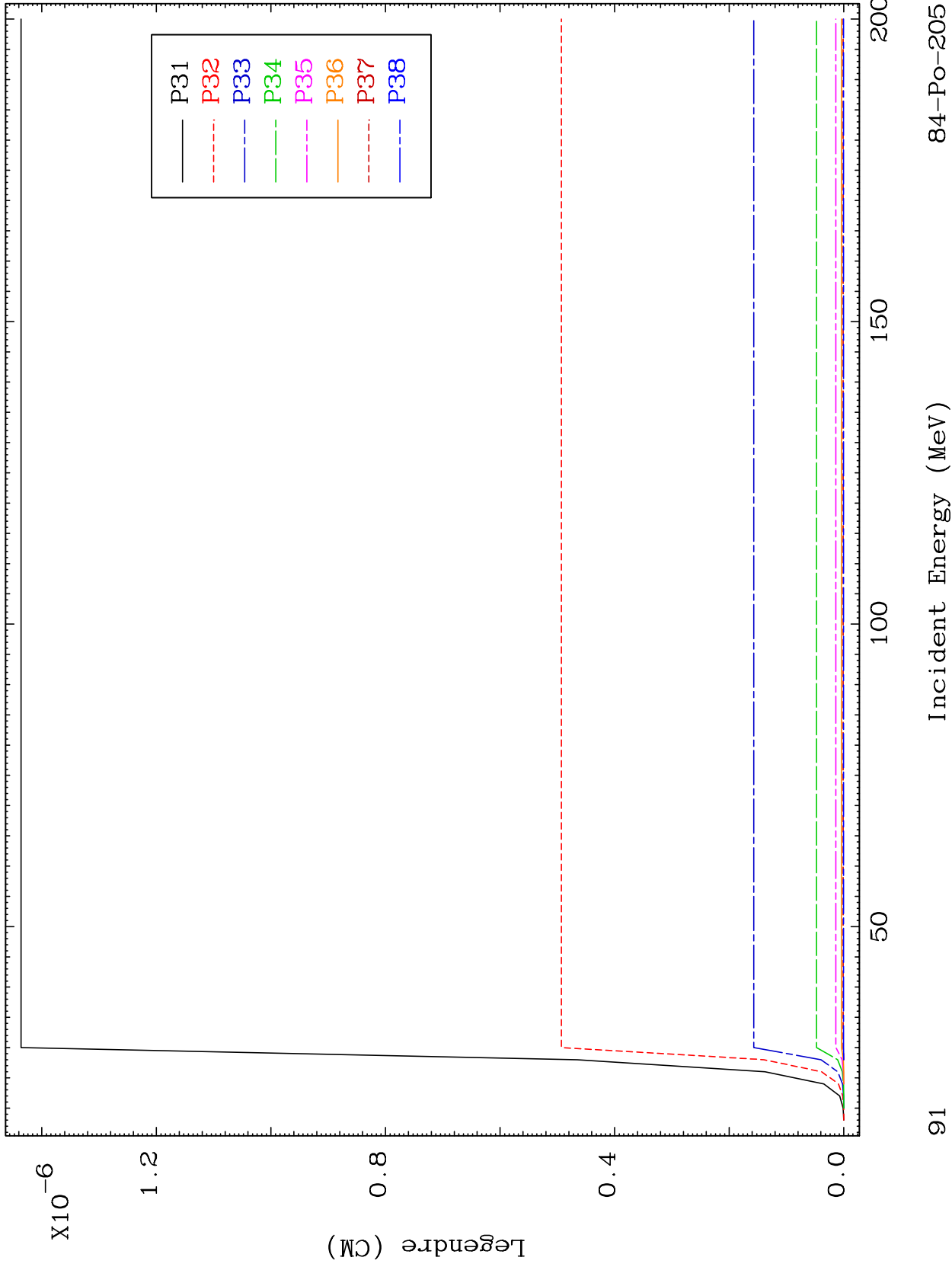
Incident Energy (MeV)

84-Po-205

MAT 8422

1.477 MeV (n,n') Level
Legendre Coefficients

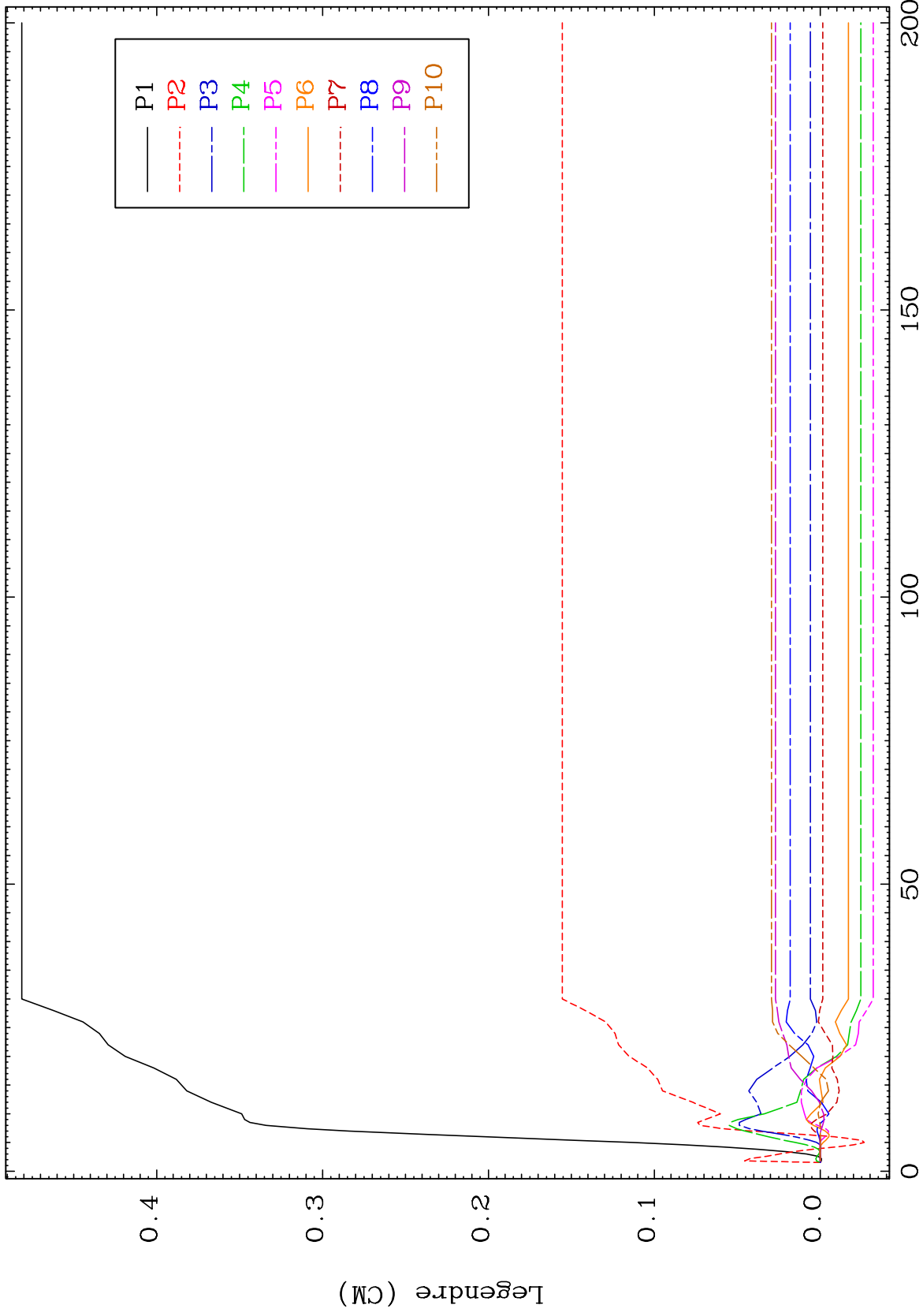
84-Po-205



MAT 8422

1.517 MeV (n,n') Level
Legendre Coefficients

84-Po-205



92

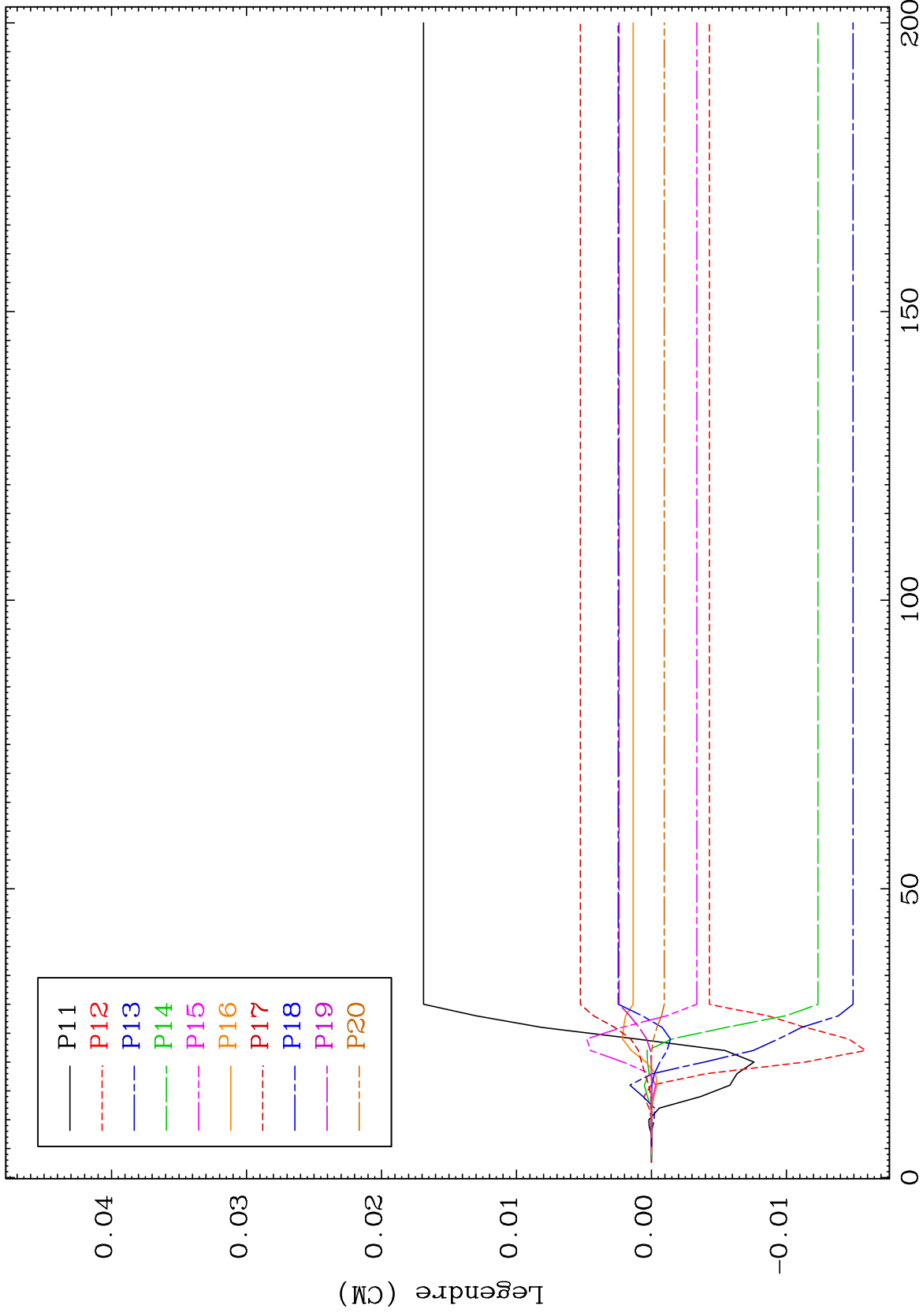
Incident Energy (MeV)

84-Po-205

MAT 8422

1.517 MeV (n,n') Level
Legendre Coefficients

84-Po-205



93

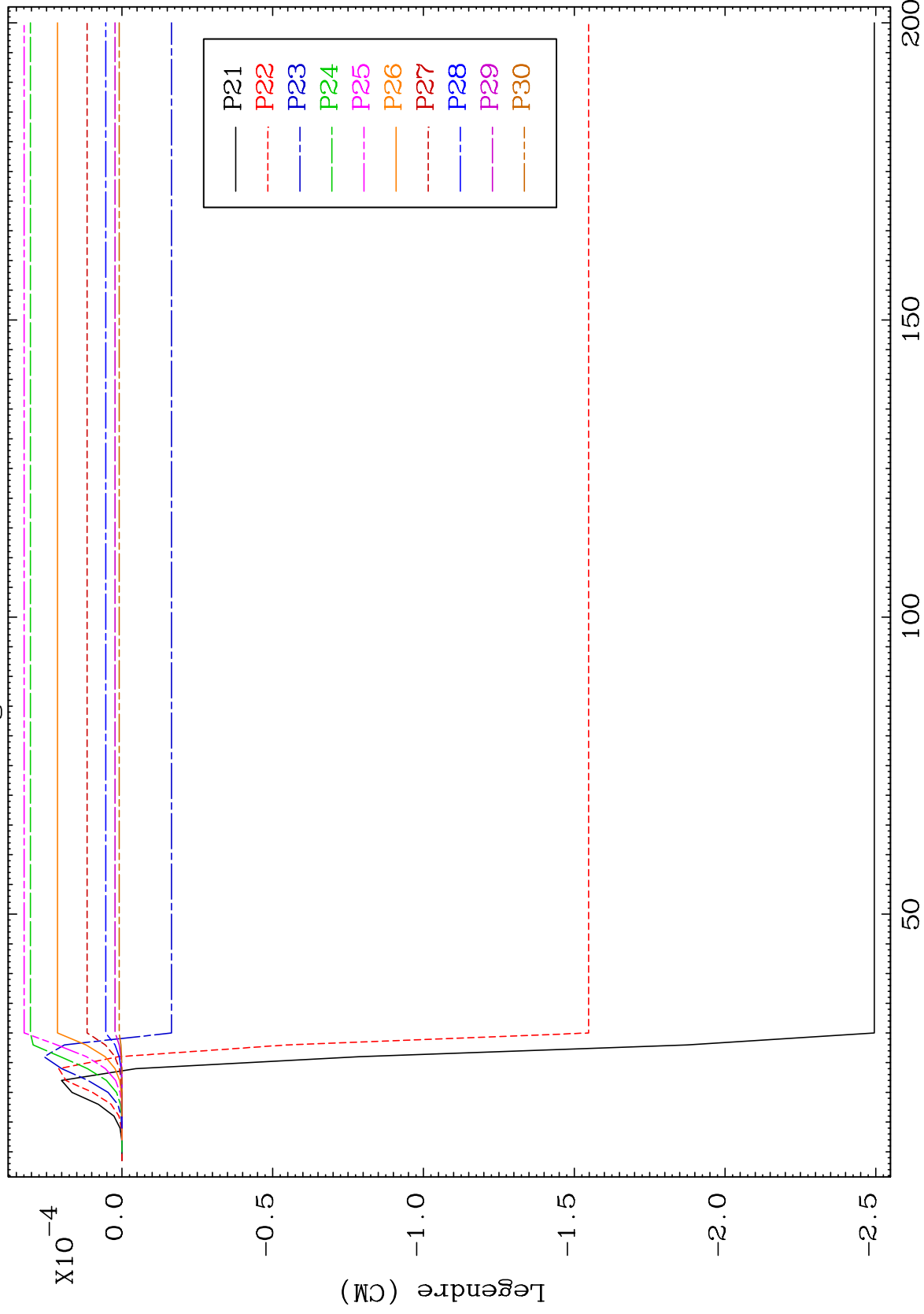
Incident Energy (MeV)

84-Po-205

MAT 8422

1.517 MeV (n,n') Level
Legendre Coefficients

84-Po-205



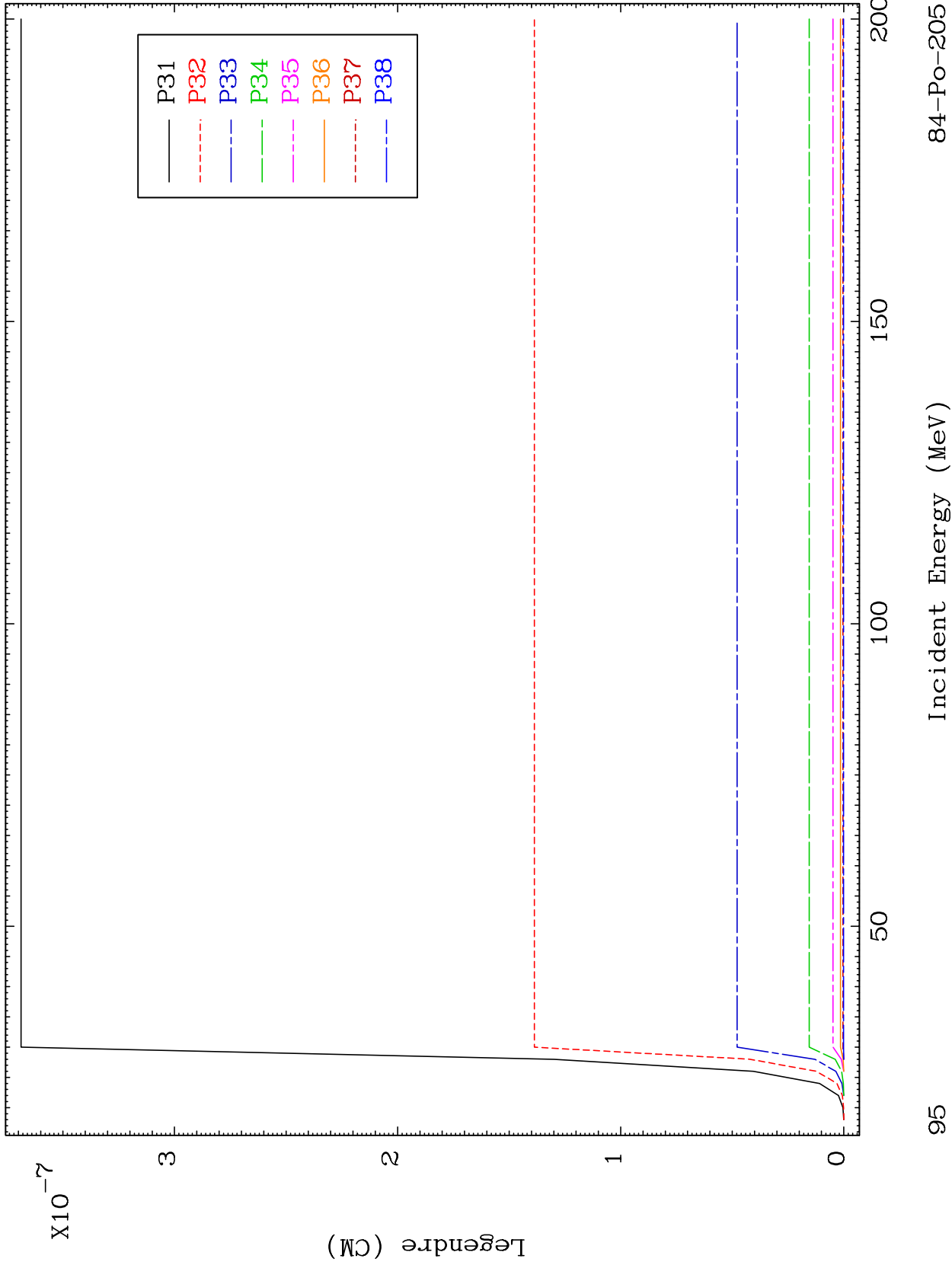
94

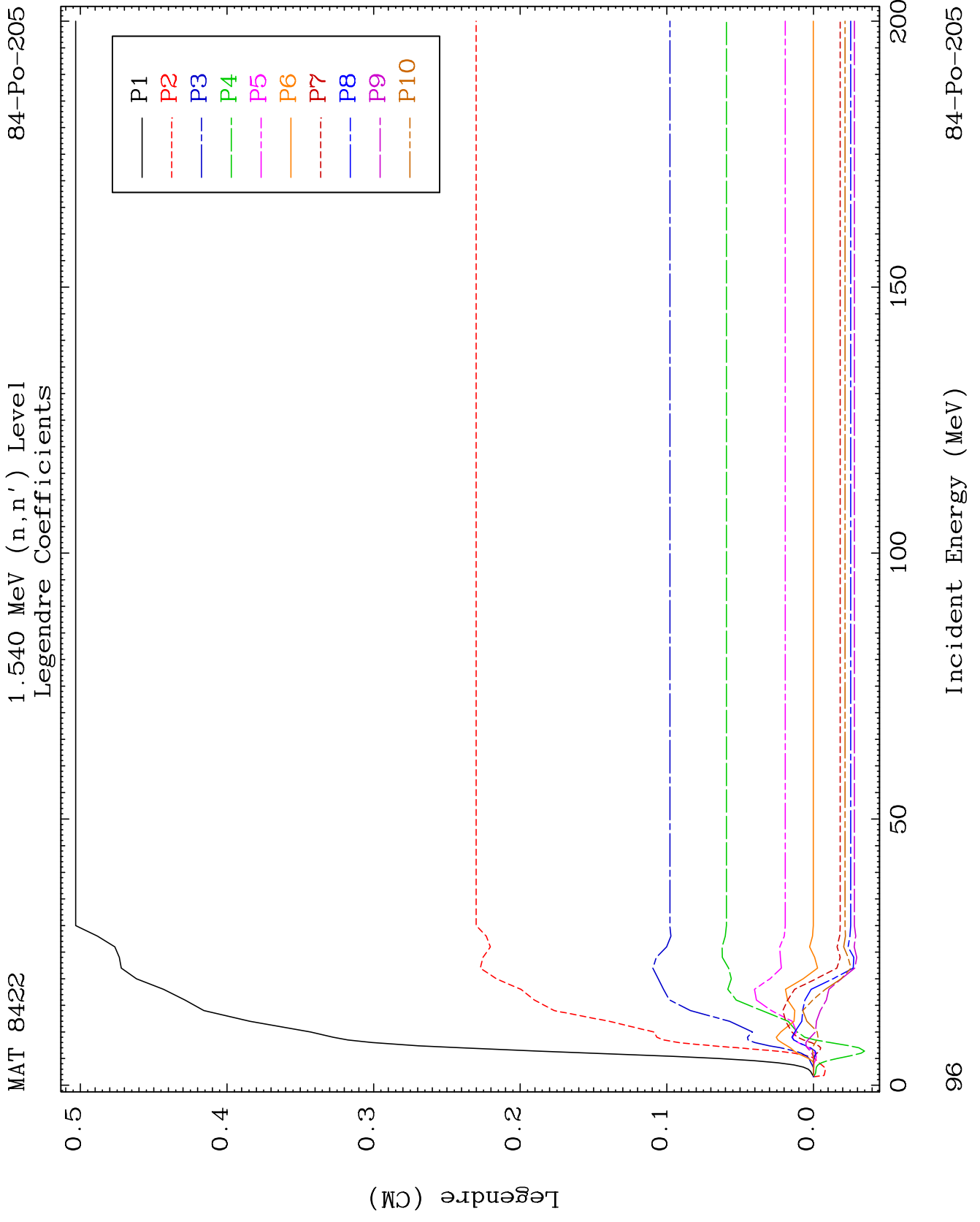
84-Po-205

MAT 8422

1.517 MeV (n,n') Level
Legendre Coefficients

84-Po-205

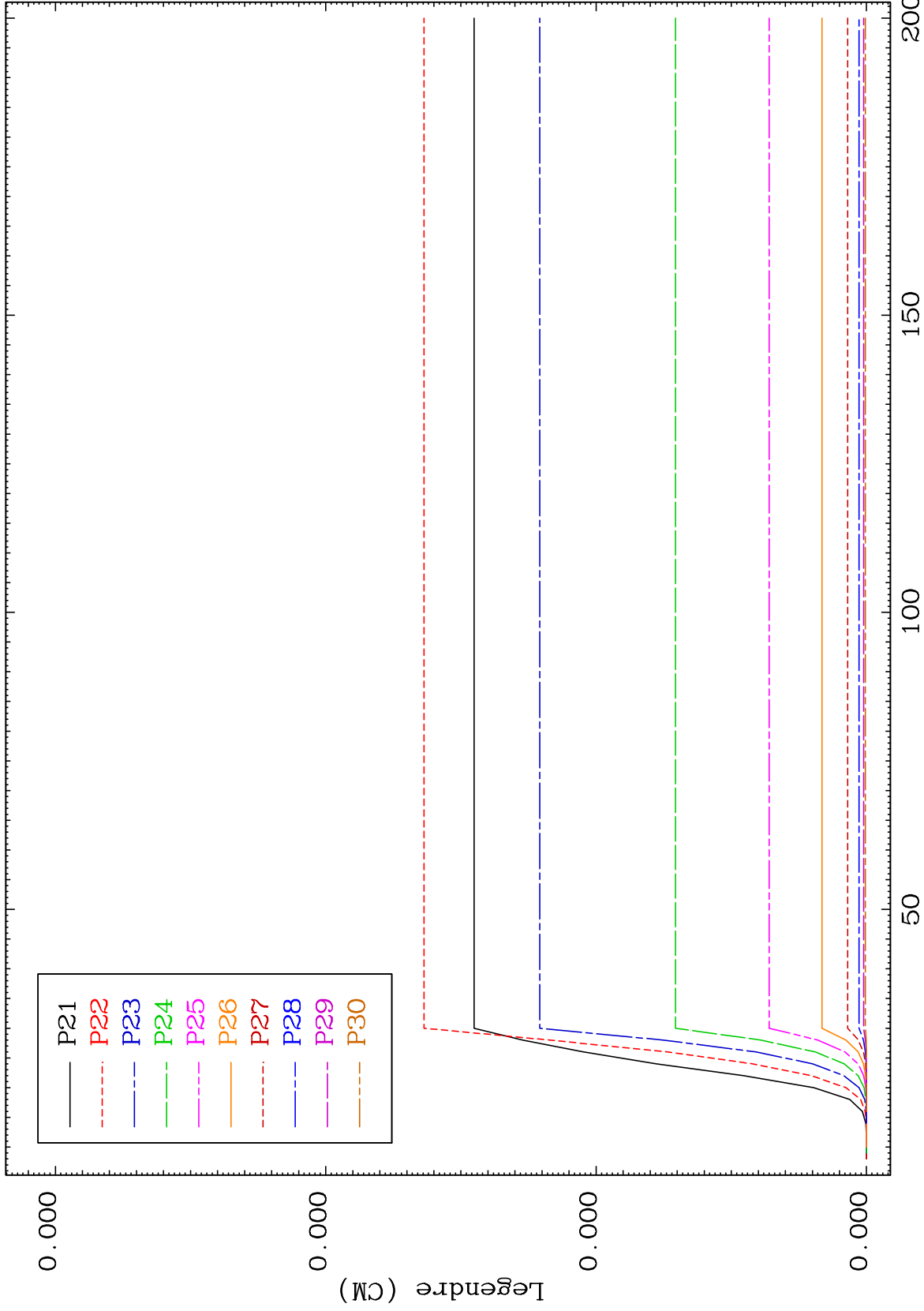




MAT 8422

1.540 MeV (n,n') Level
Legendre Coefficients

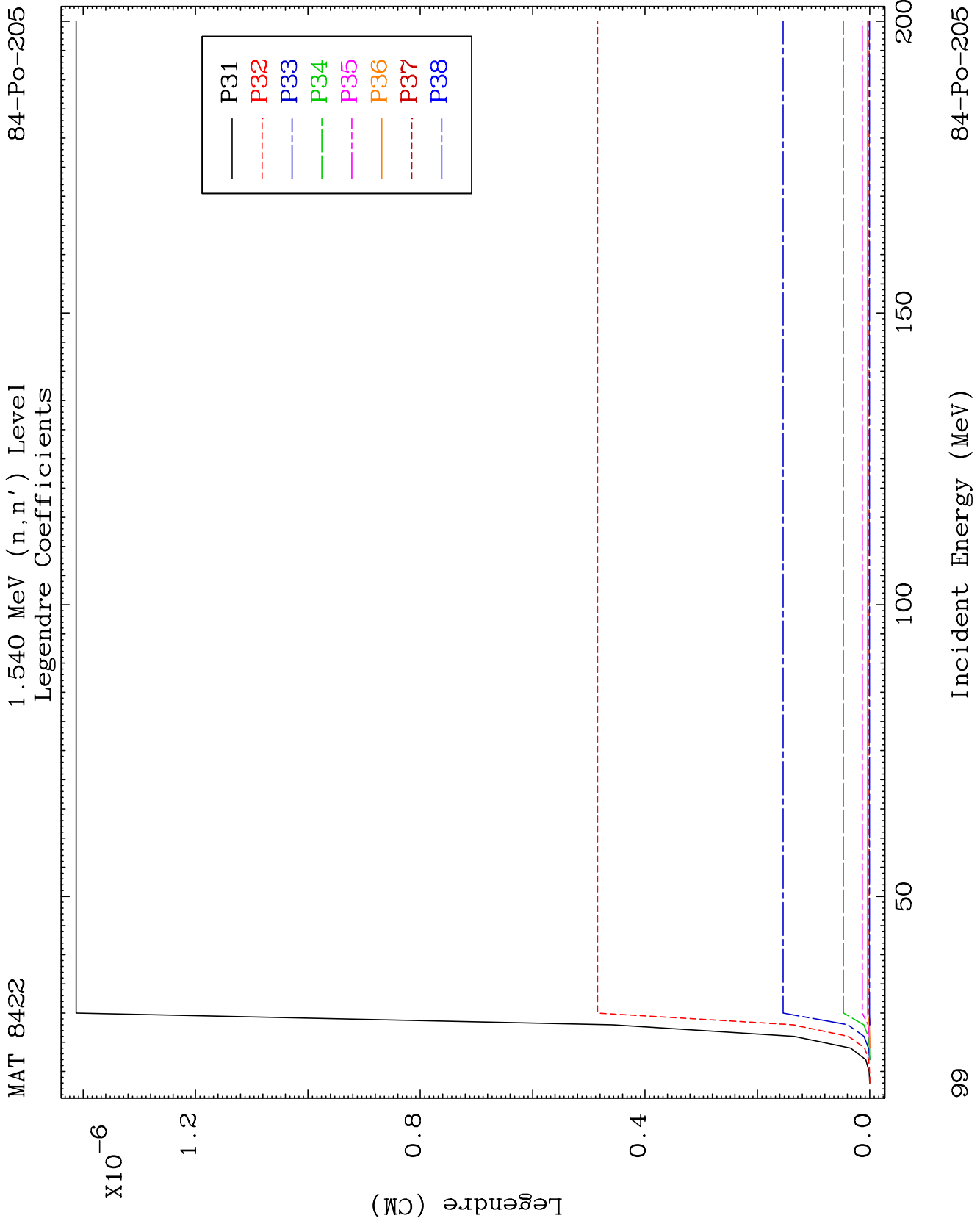
84-Po-205

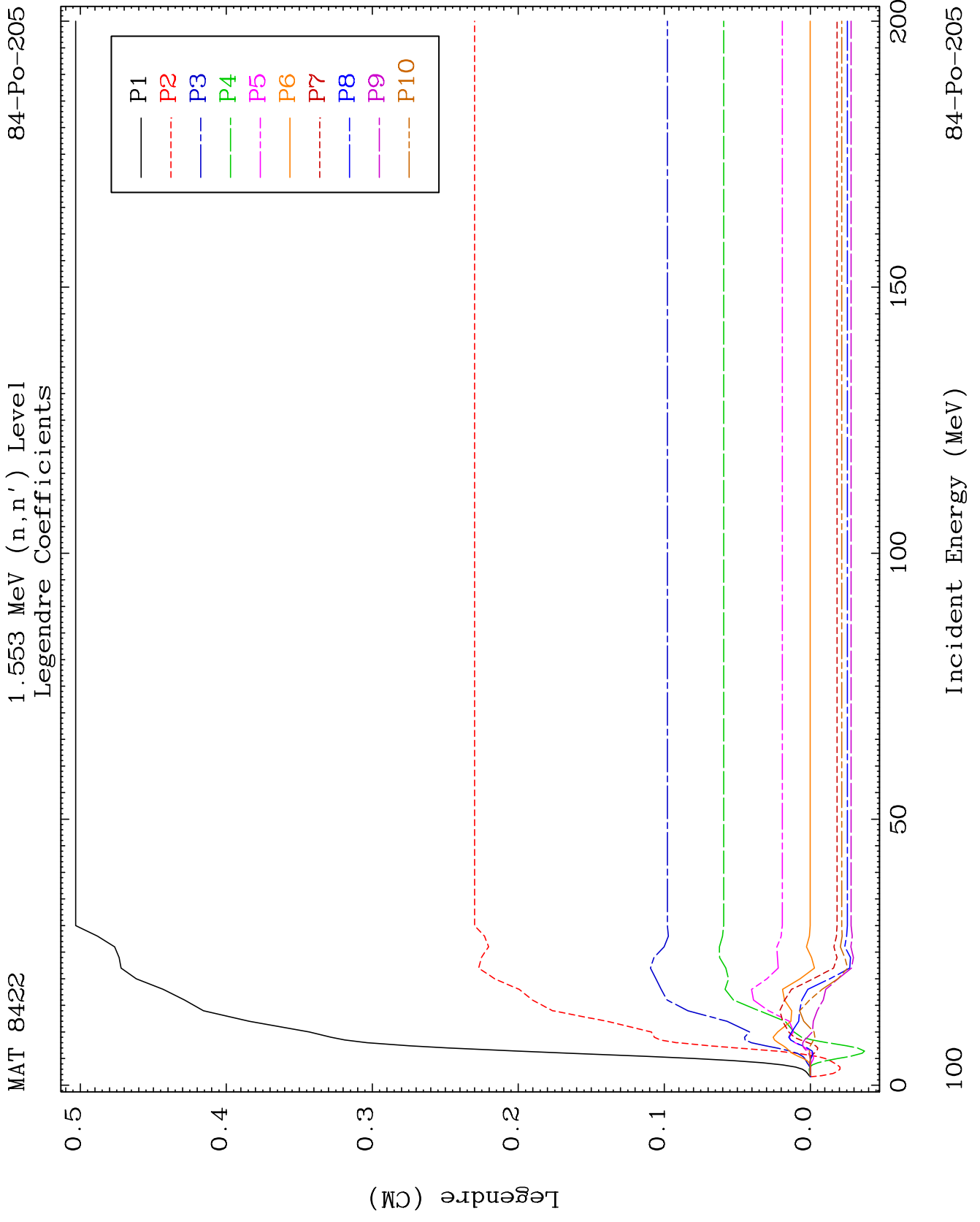


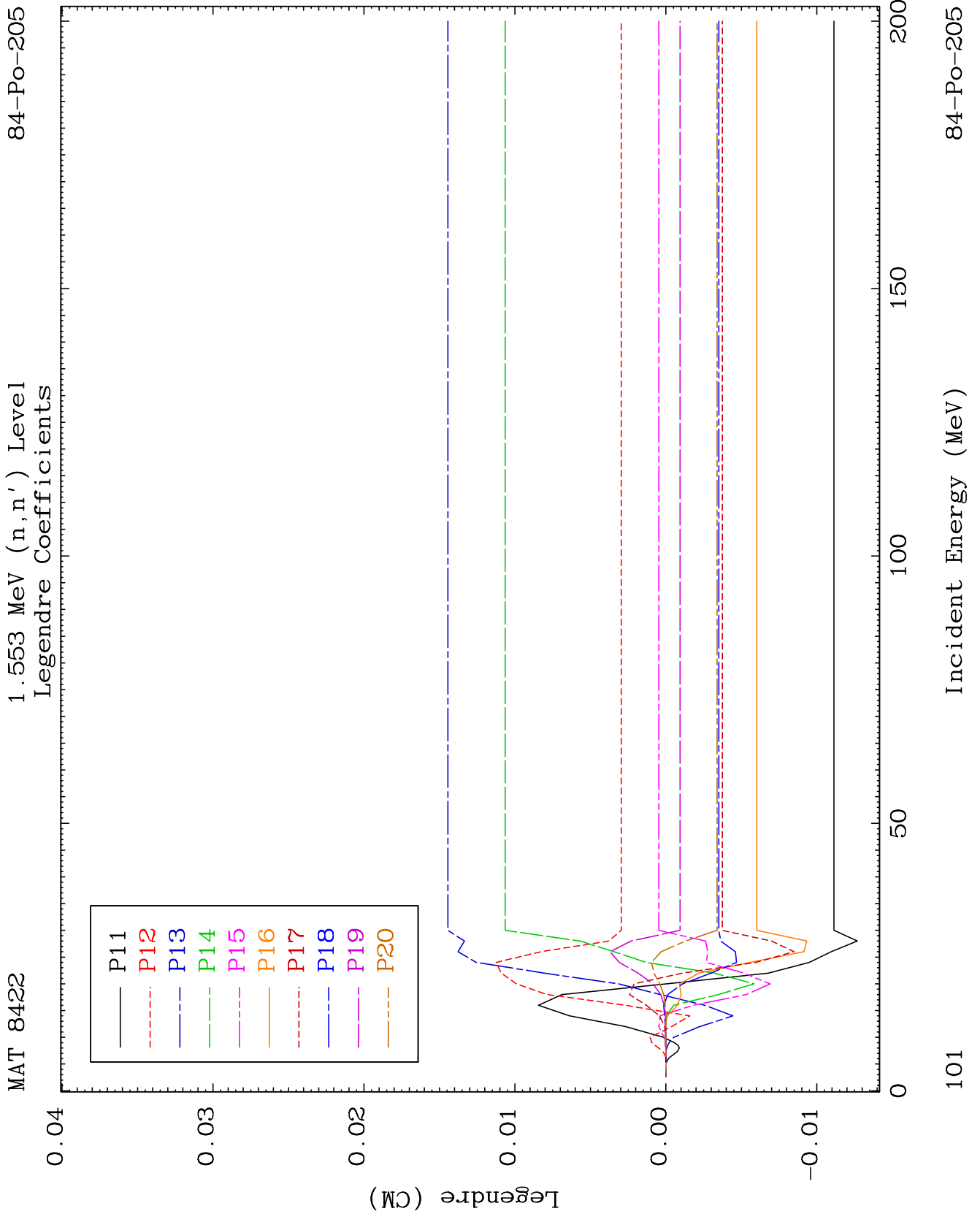
98

Incident Energy (MeV)

84-Po-205



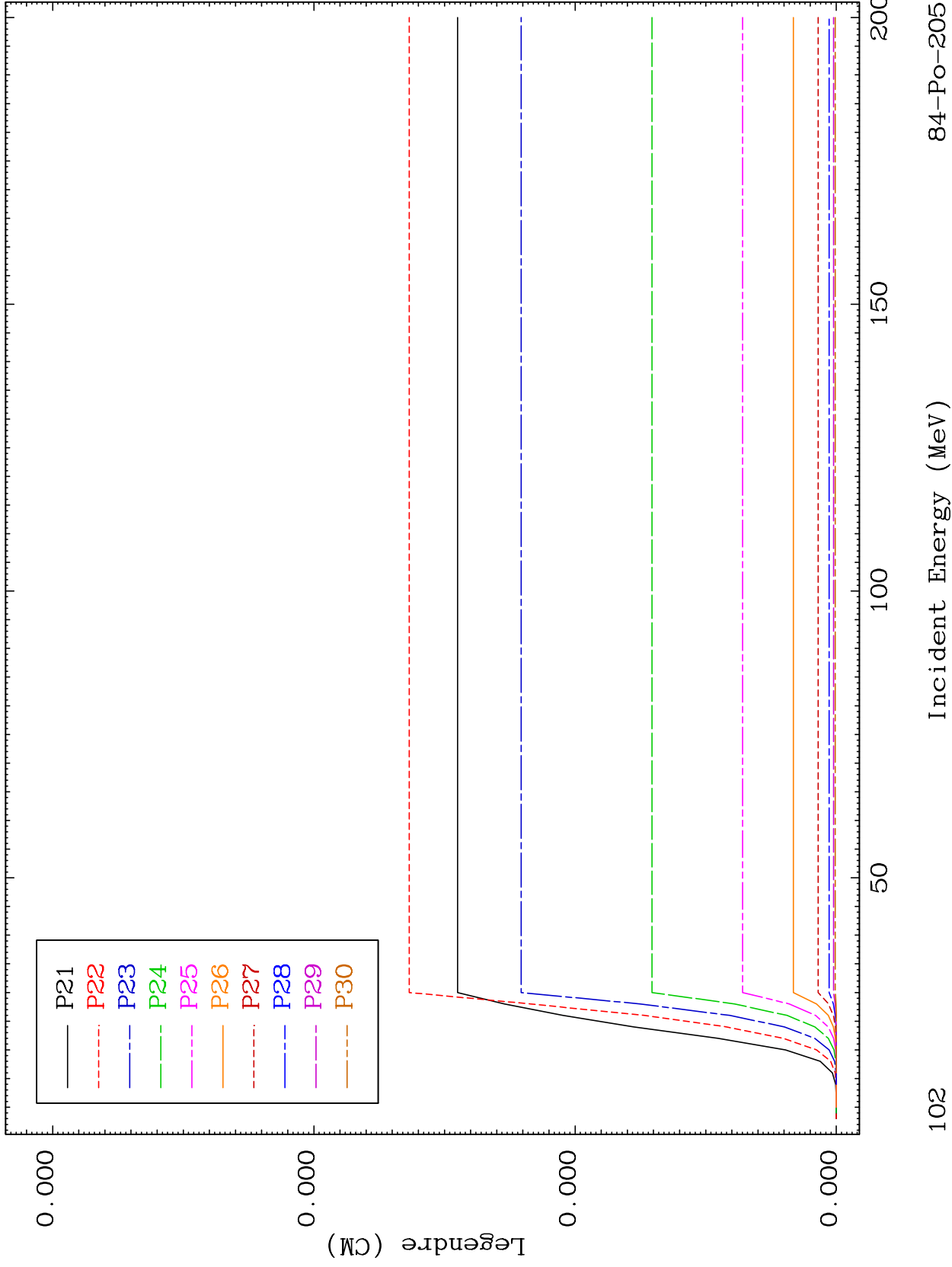




MAT 8422

1.553 MeV (n,n') Level
Legendre Coefficients

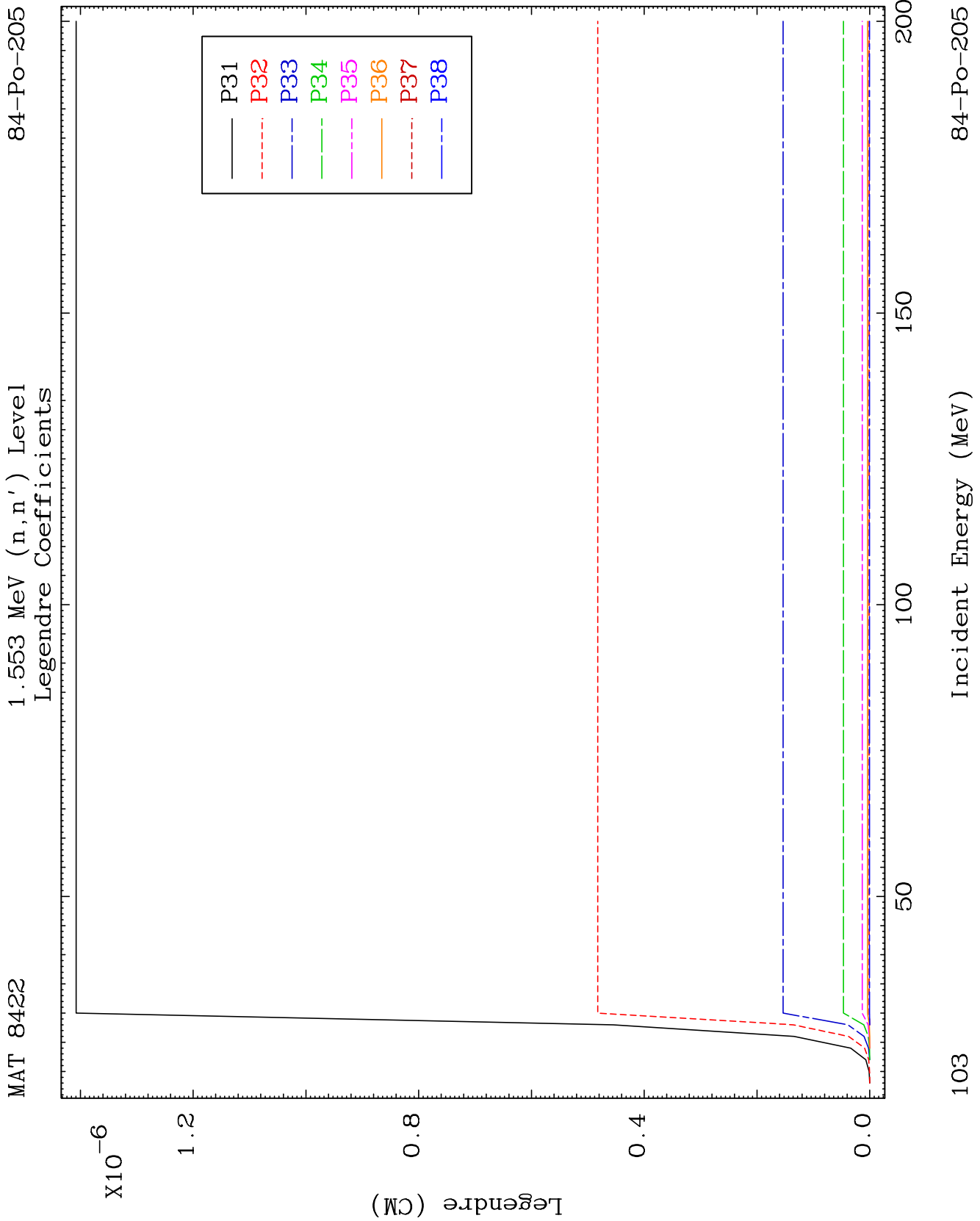
84-Po-205

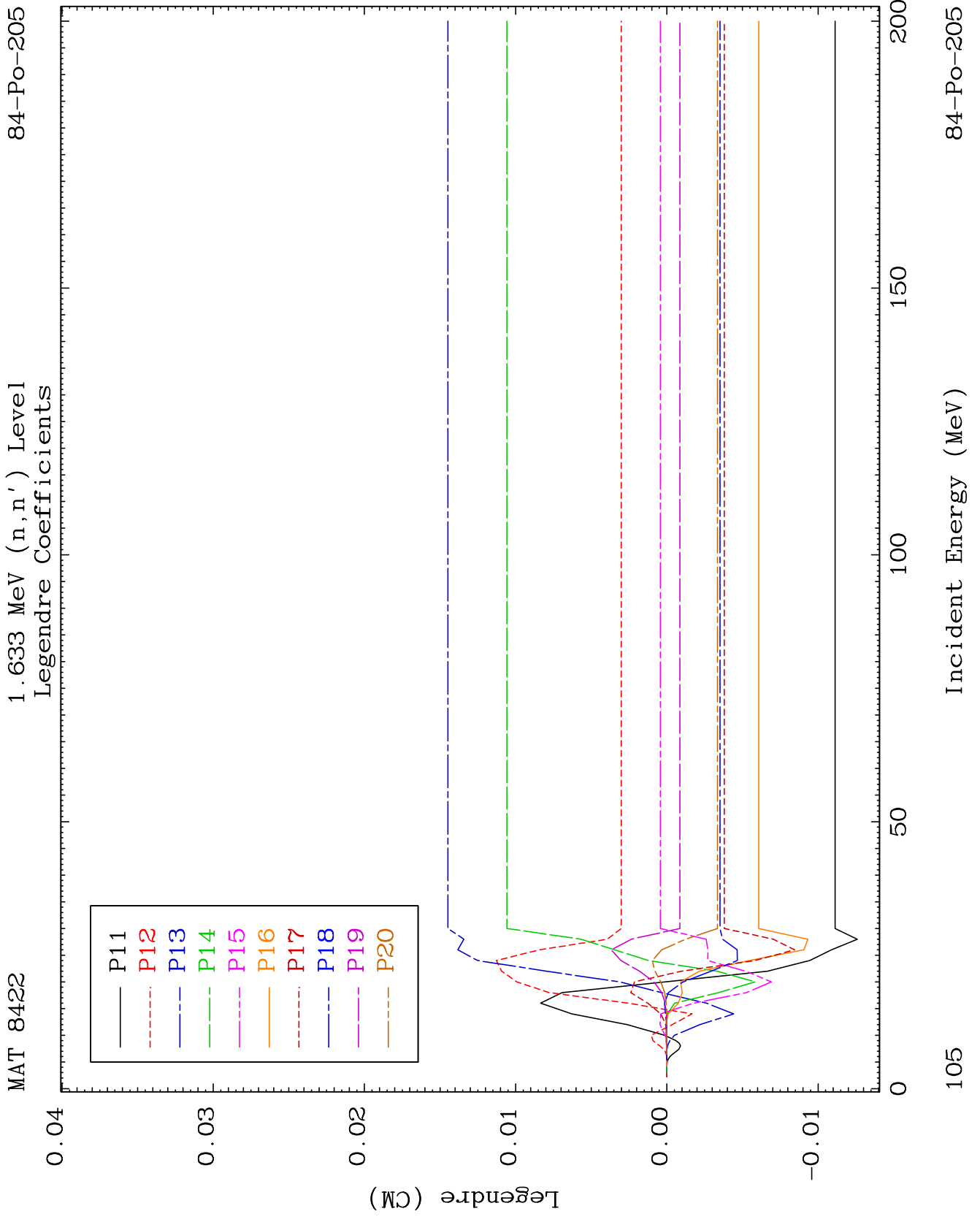


102

Incident Energy (MeV)

84-Po-205

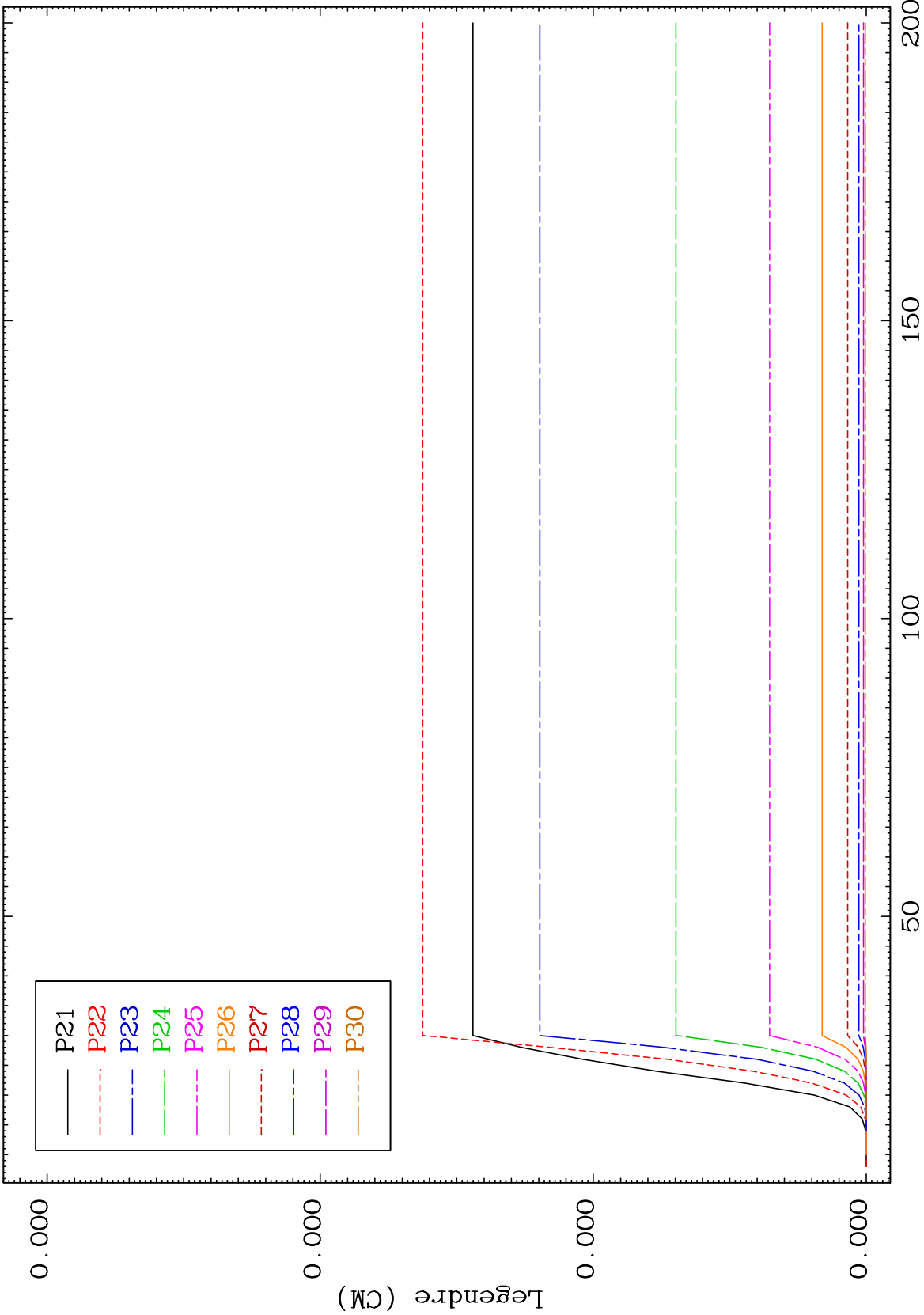




MAT 8422

1.633 MeV (n,n') Level Legendre Coefficients

84-Po-205



106

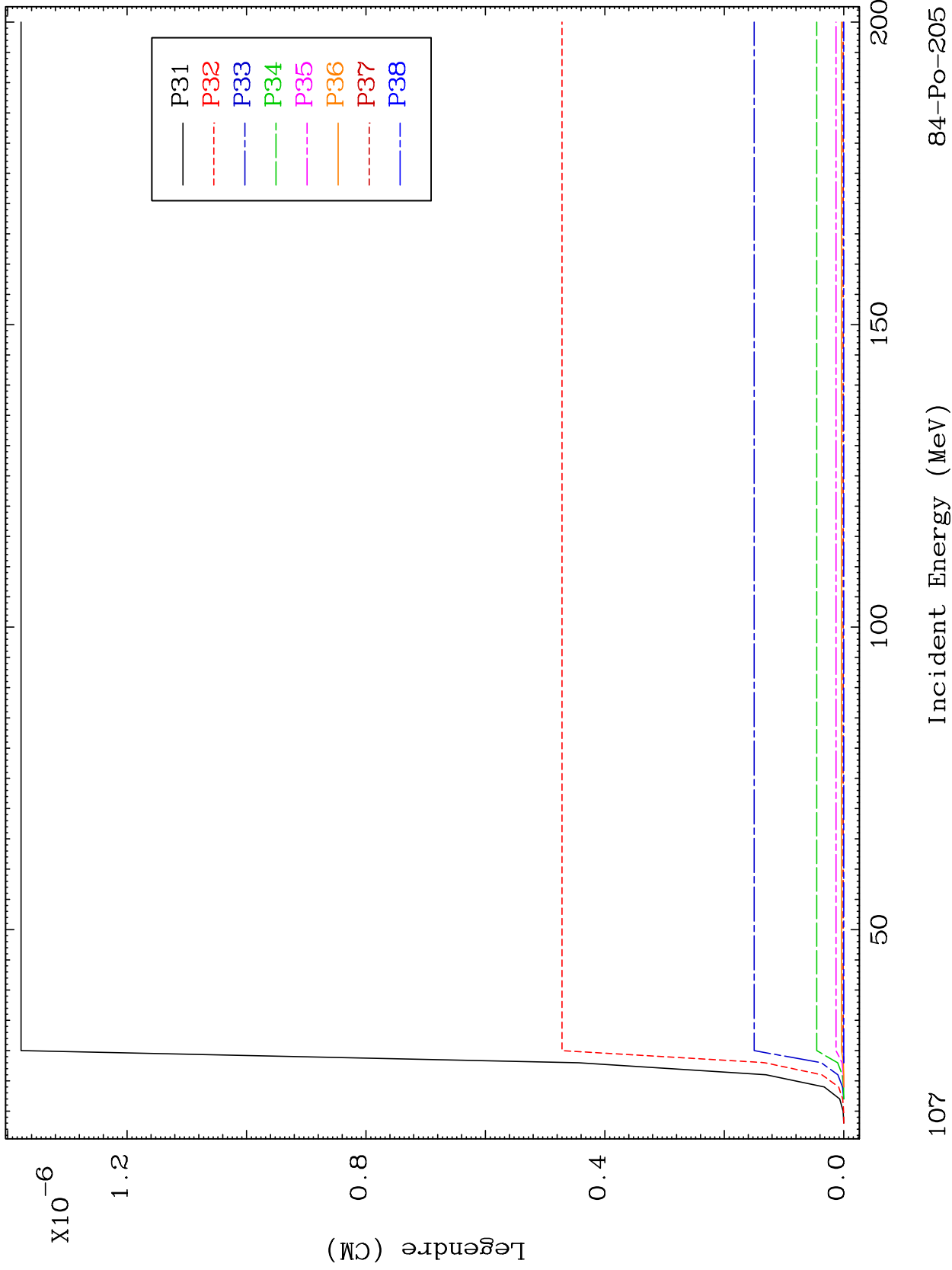
Incident Energy (MeV)

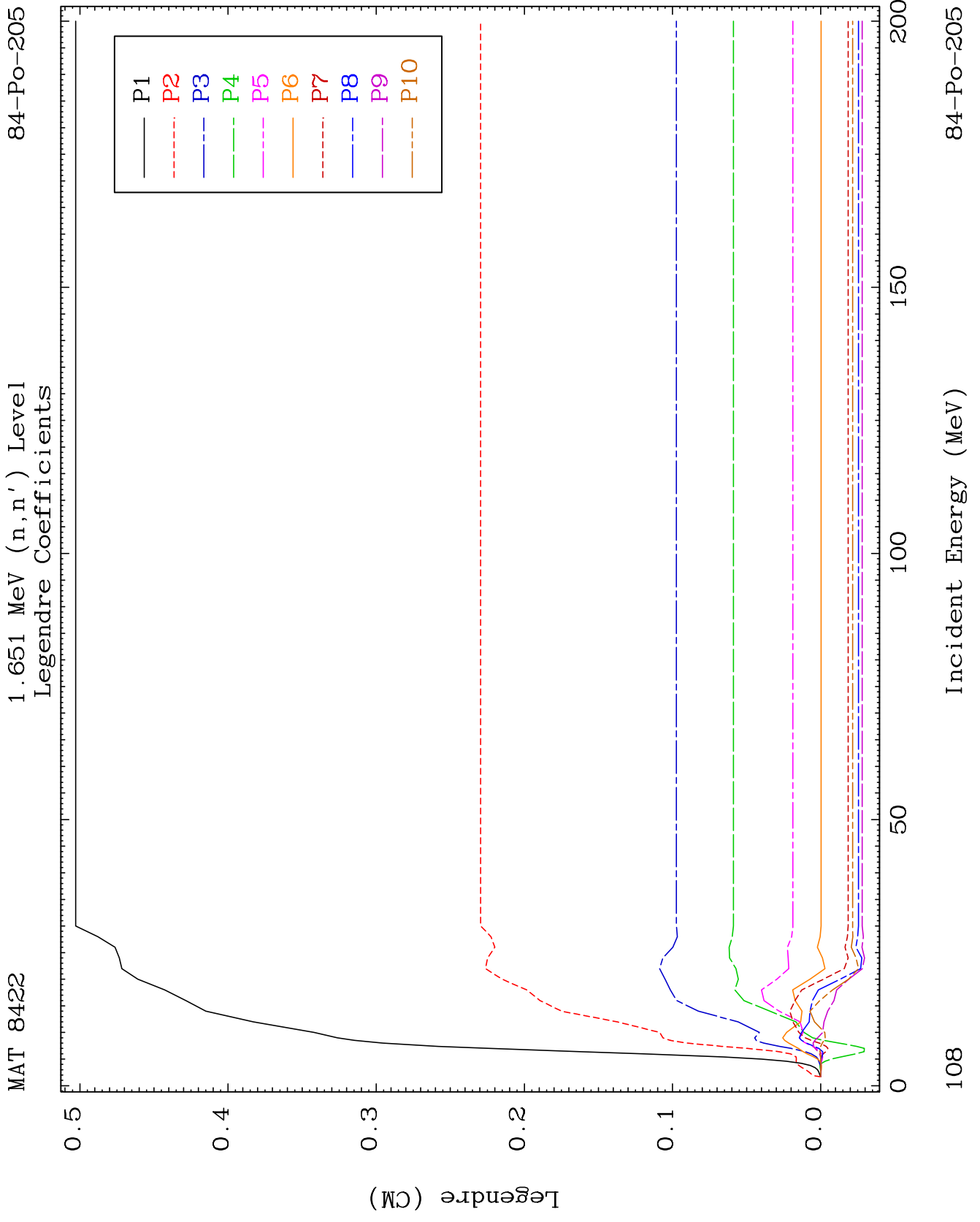
84-Po-205

MAT 8422

1.633 MeV (n,n') Level
Legendre Coefficients

84-Po-205

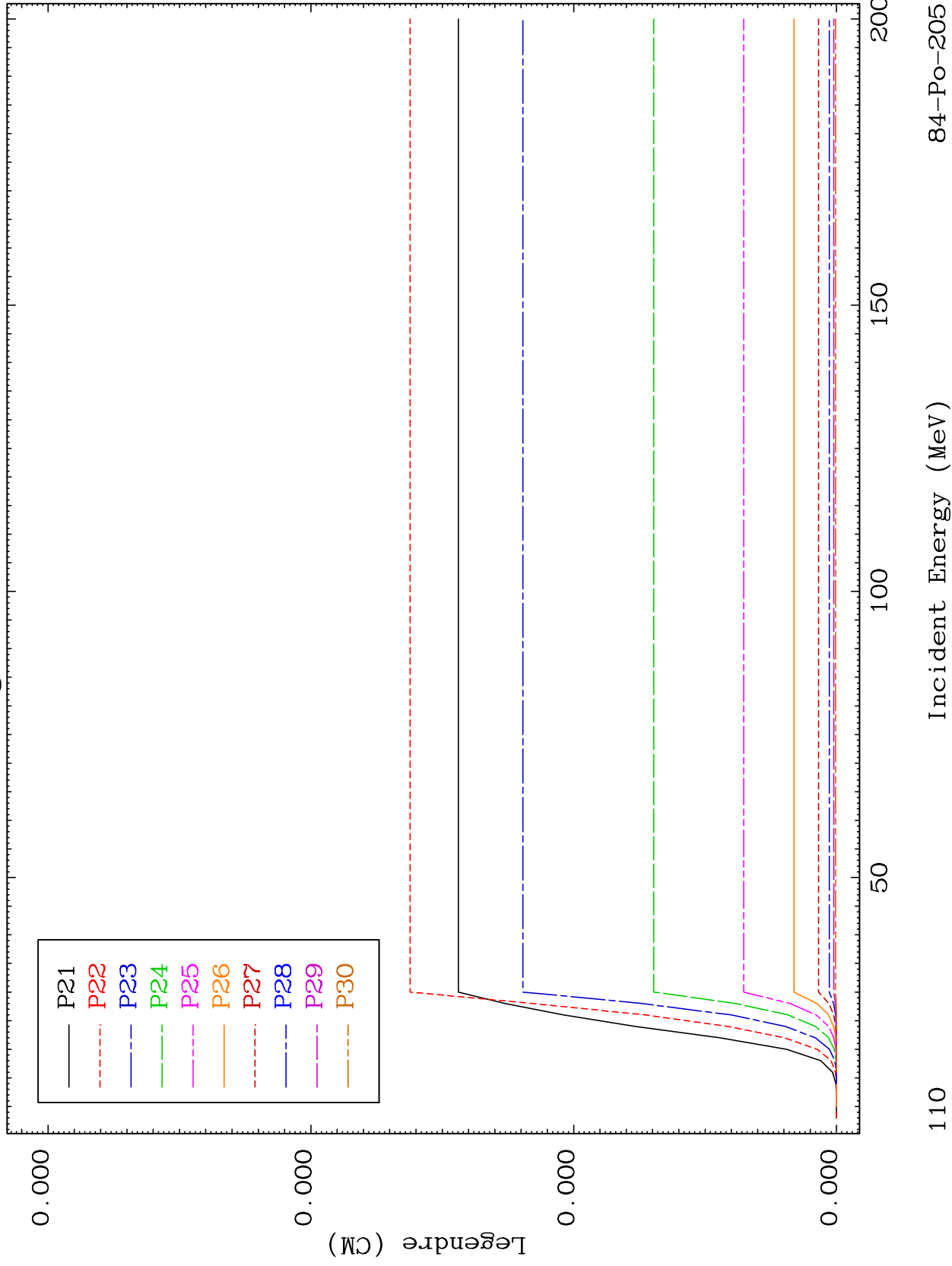




MAT 8422

1.651 MeV (n,n') Level
Legendre Coefficients

84-Po-205



110

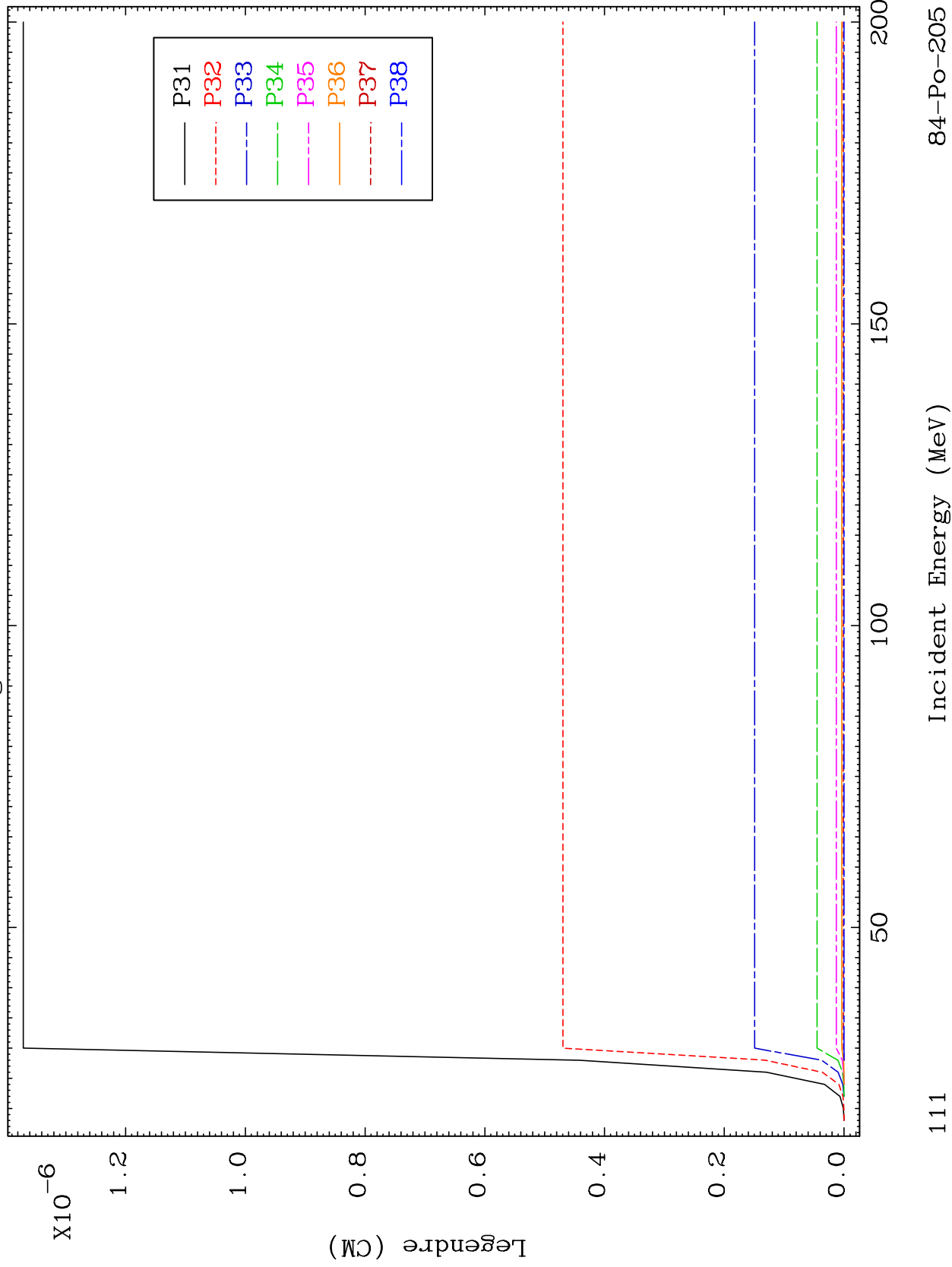
Incident Energy (MeV)

84-Po-205

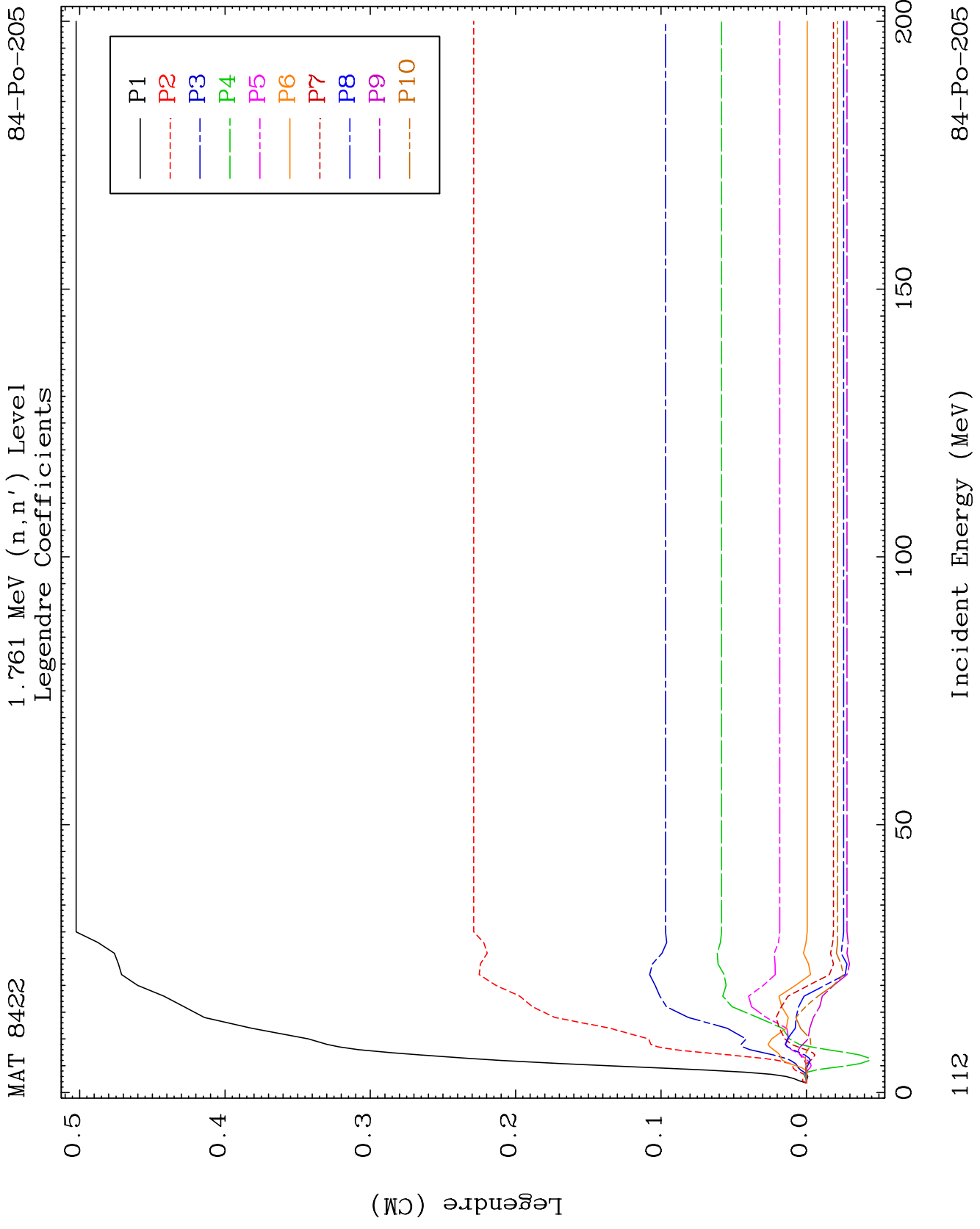
MAT 8422

1.651 MeV (n,n') Level
Legendre Coefficients

84-Po-205



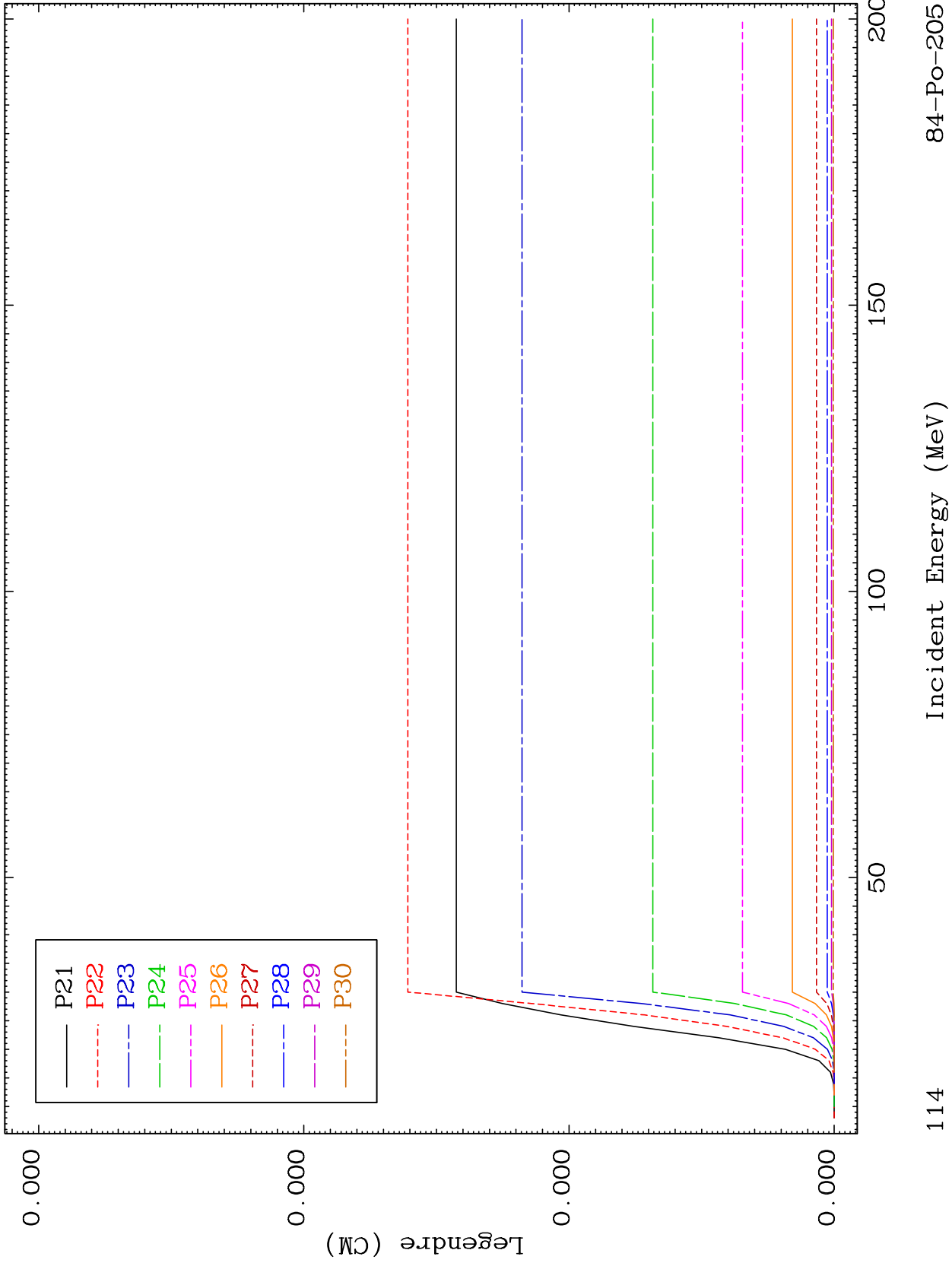
111



MAT 8422

1.761 MeV (n,n') Level
Legendre Coefficients

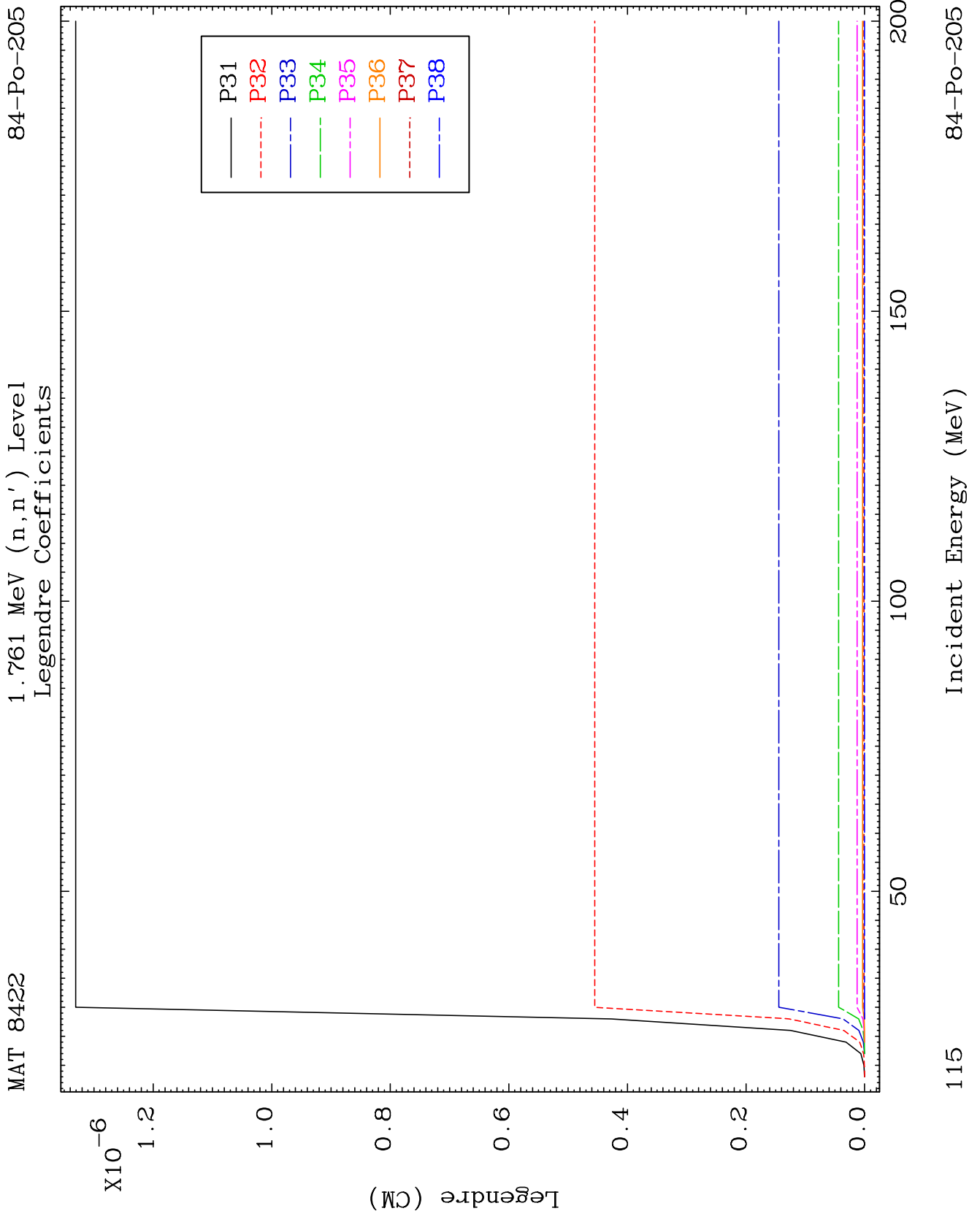
84-Po-205

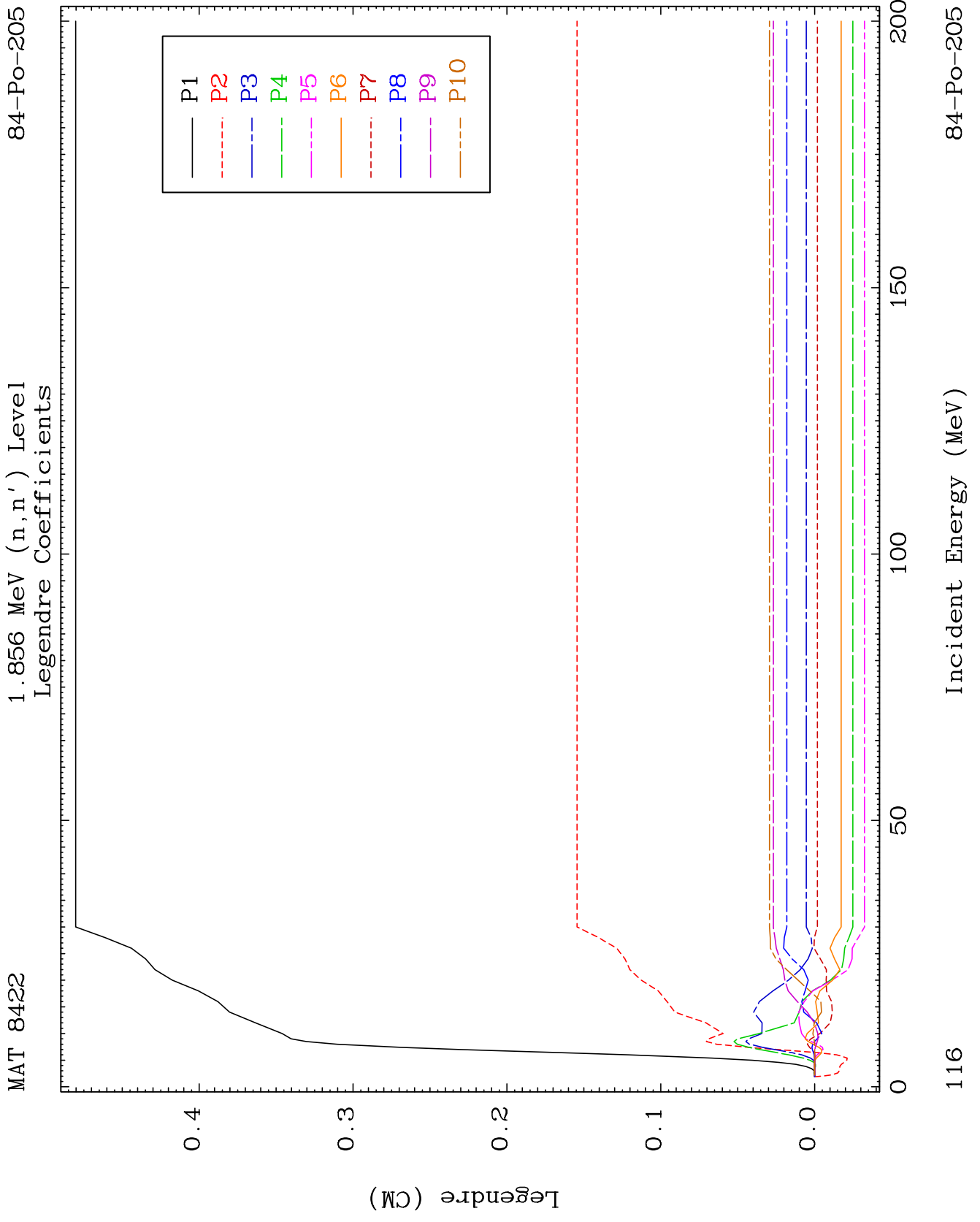


114

Incident Energy (MeV)

84-Po-205

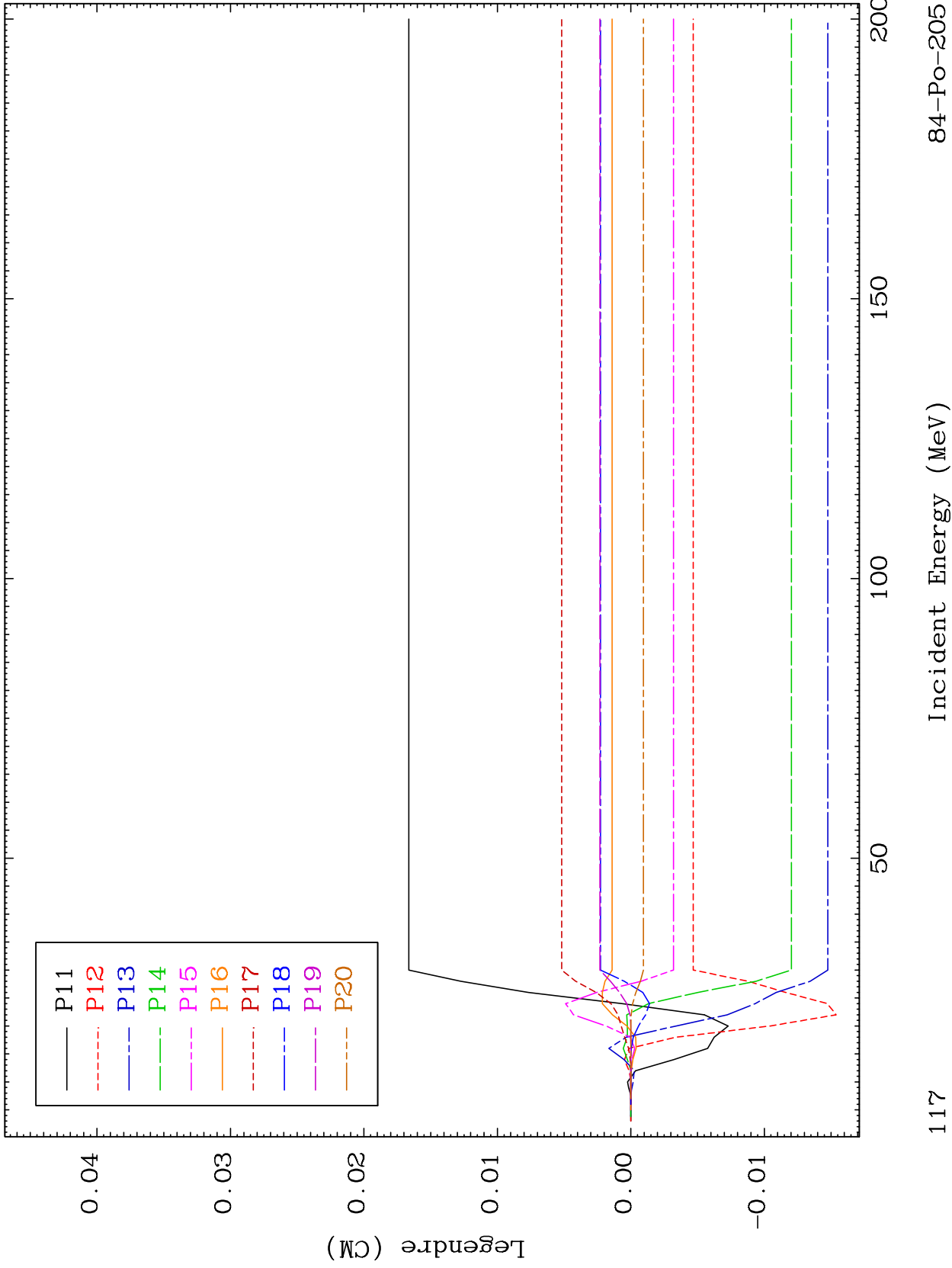




MAT 8422

1.856 MeV (n,n') Level
Legendre Coefficients

84-Po-205



117

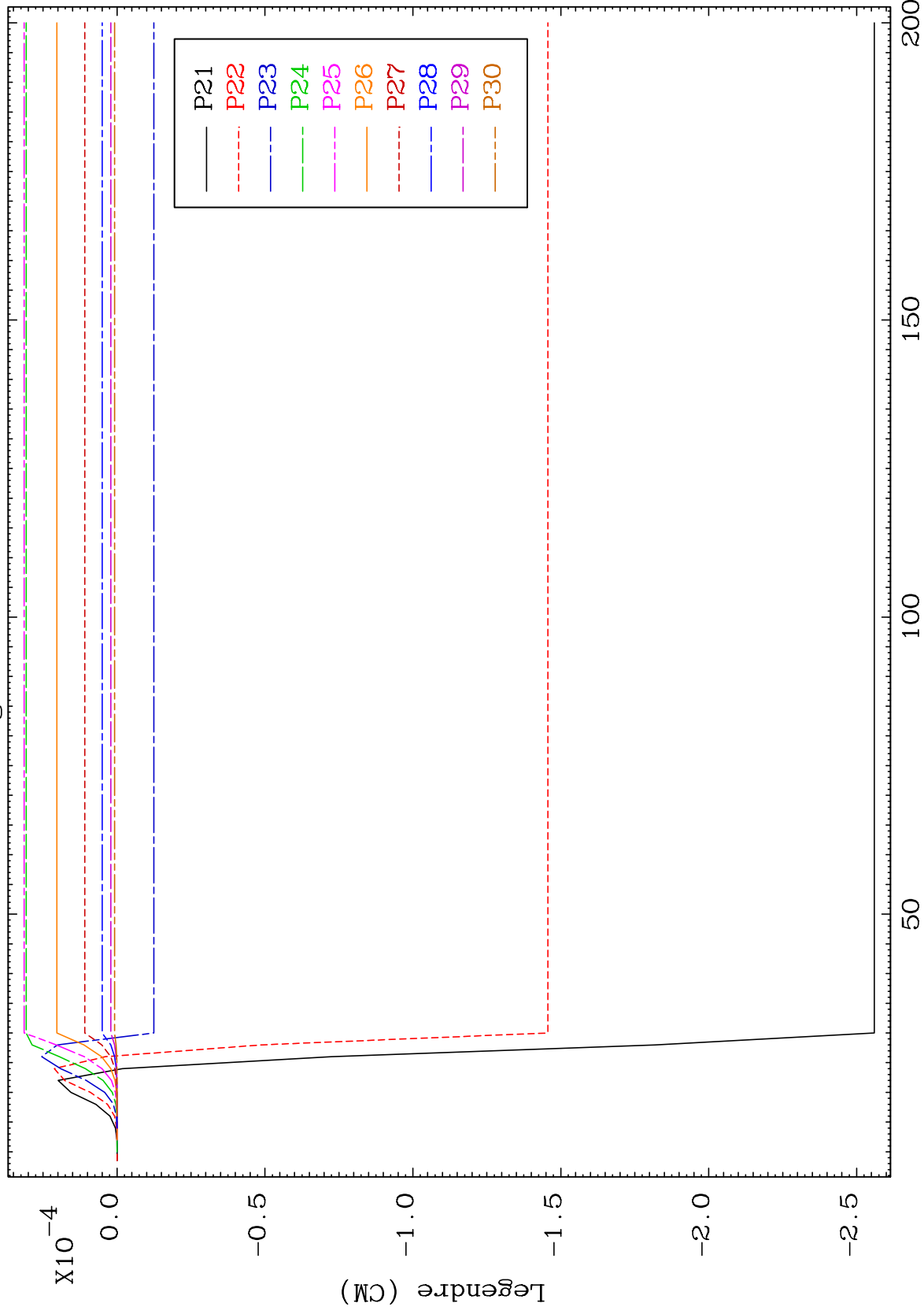
Incident Energy (MeV)

84-Po-205

MAT 8422

1.856 MeV (n,n') Level
Legendre Coefficients

84-Po-205



118

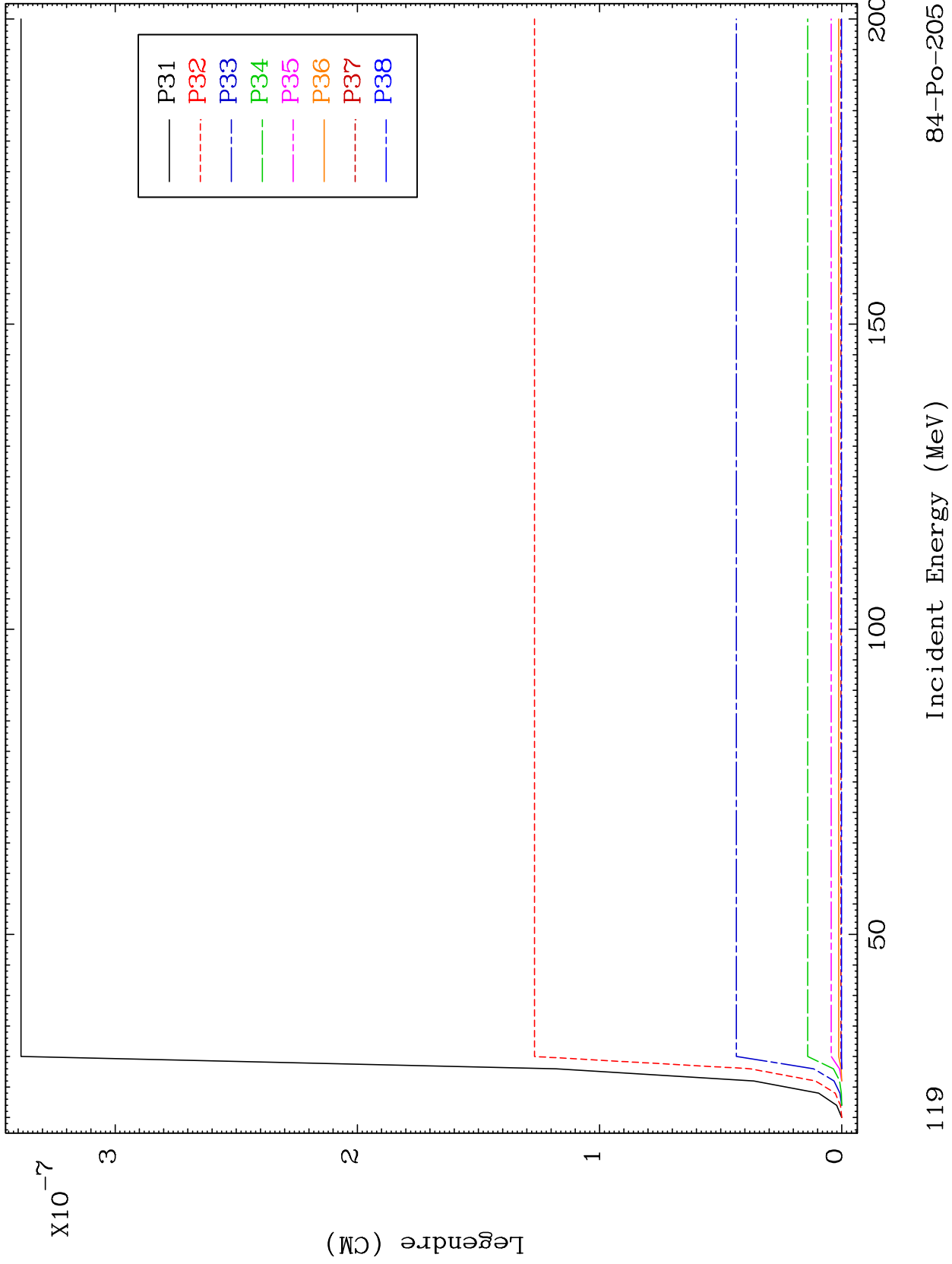
Incident Energy (MeV)

84-Po-205

MAT 8422

1.856 MeV (n,n') Level
Legendre Coefficients

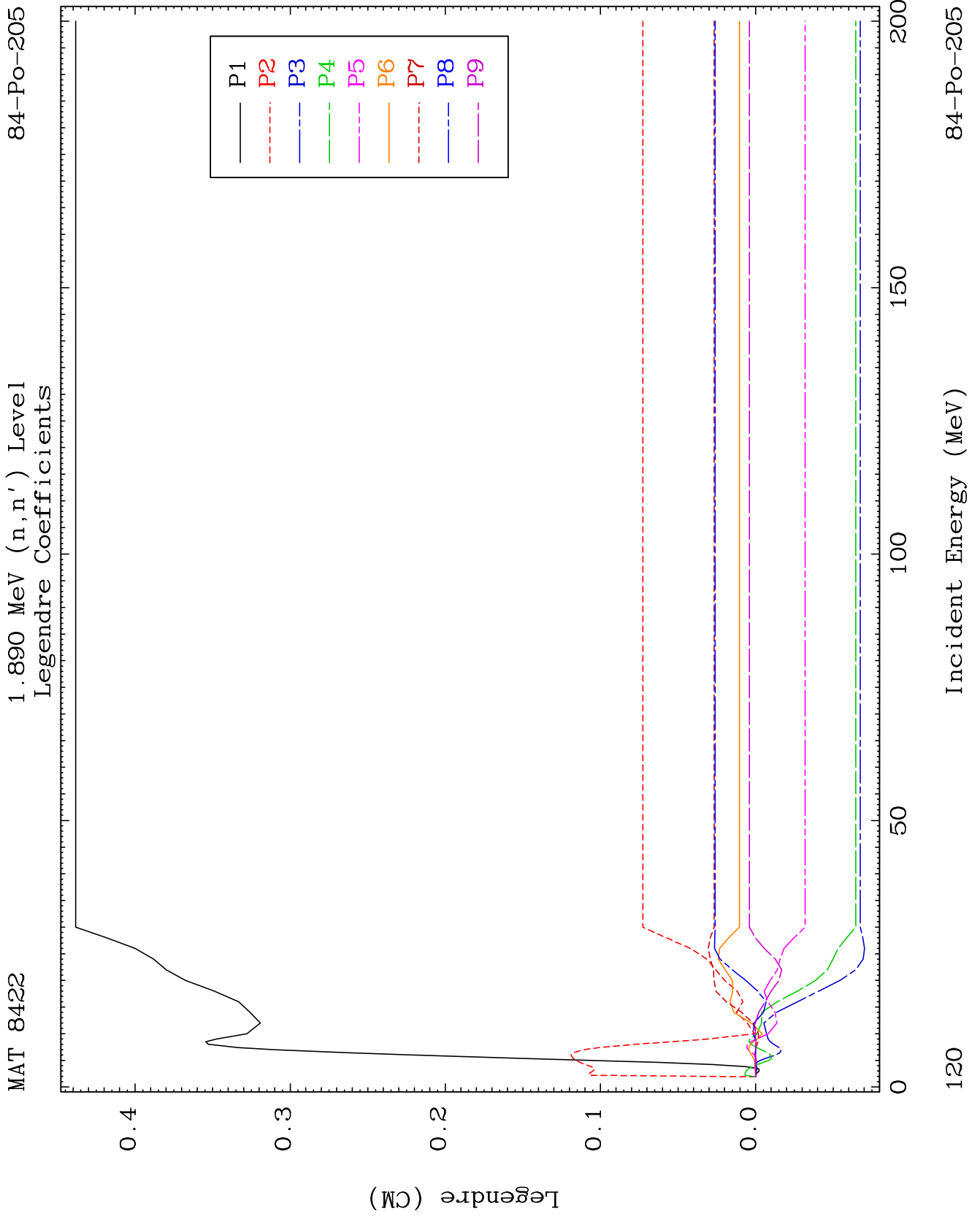
84-Po-205



119

Incident Energy (MeV)

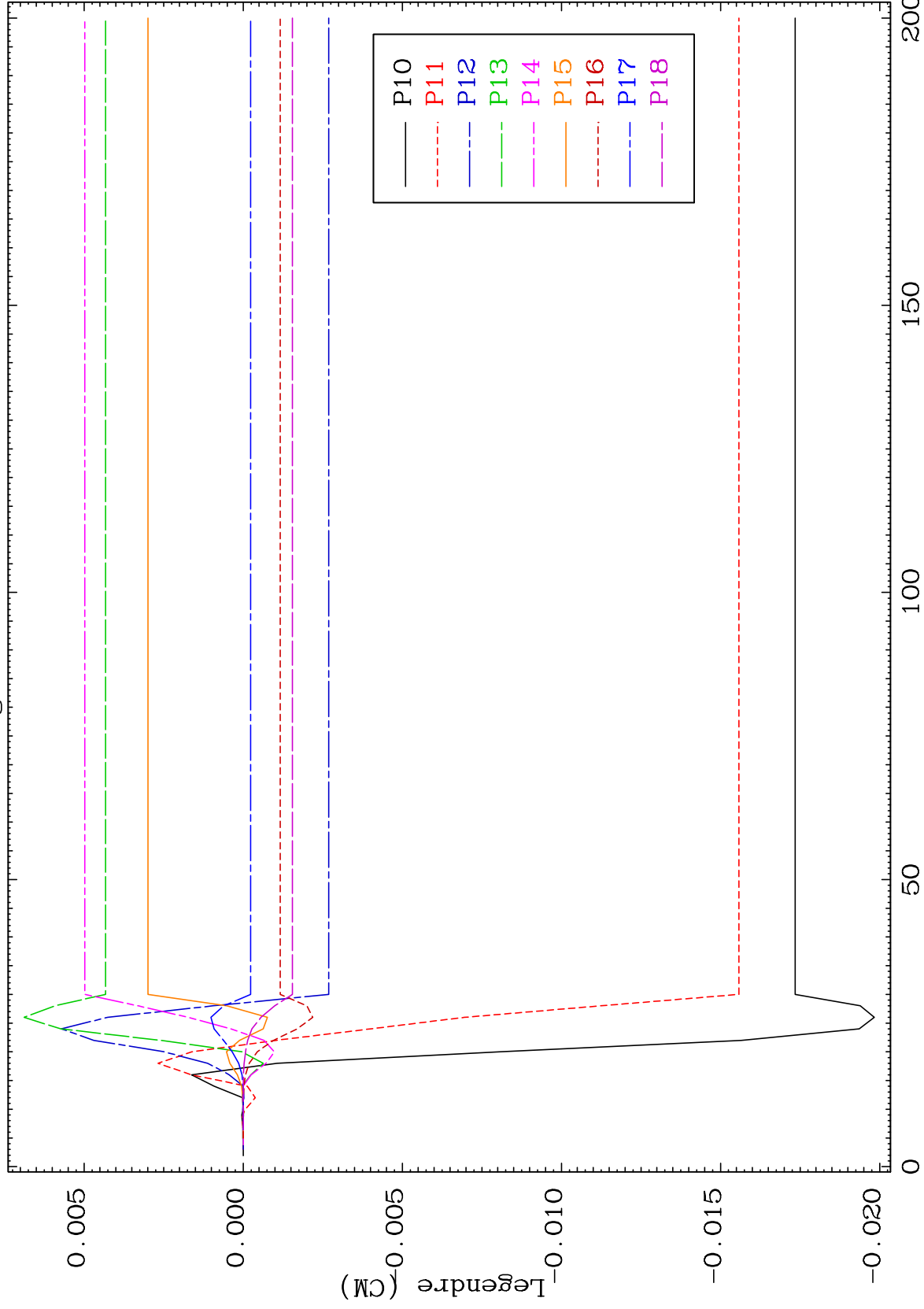
84-Po-205



MAT 8422

1.890 MeV (n,n') Level
Legendre Coefficients

84-Po-205



121

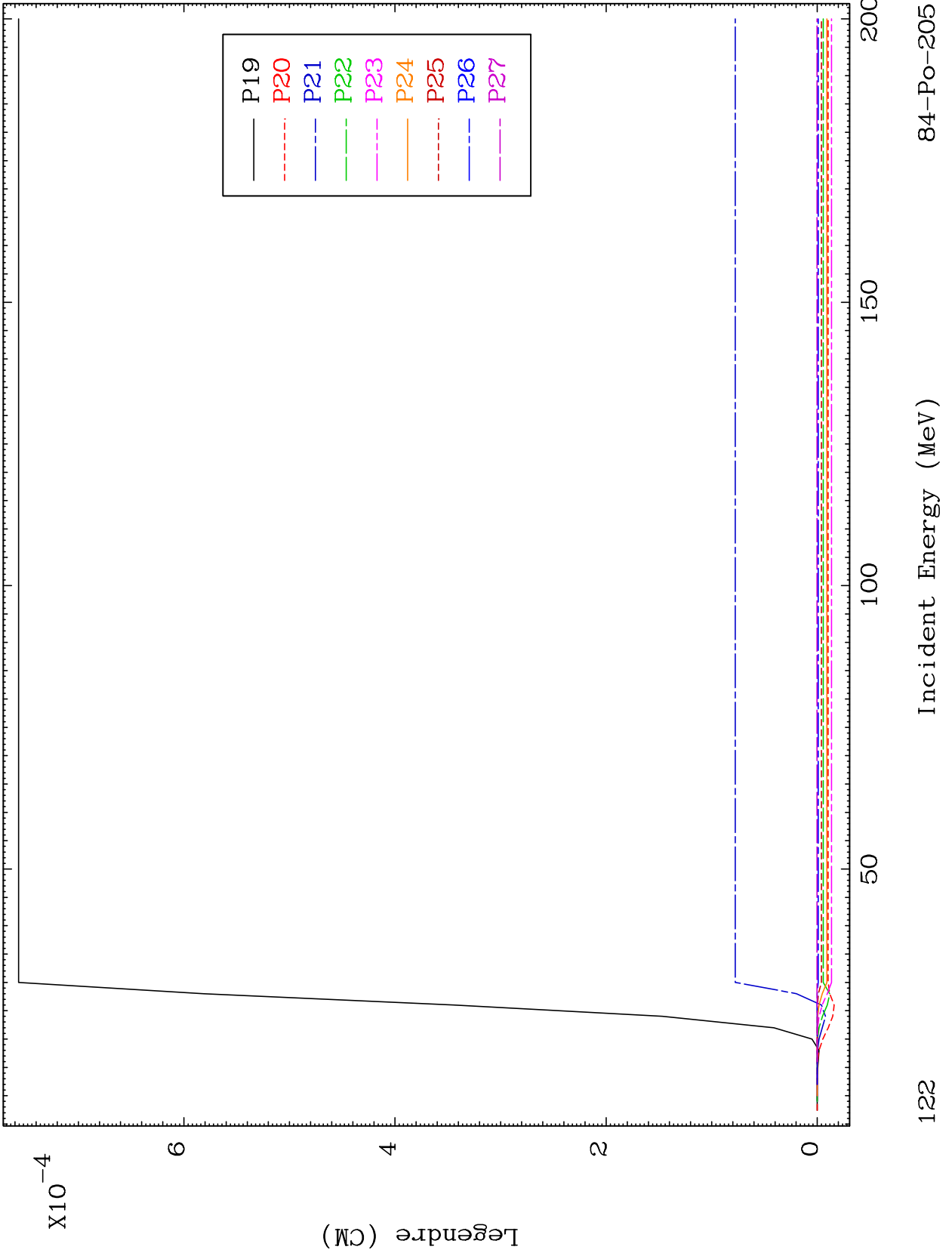
Incident Energy (MeV)

84-Po-205

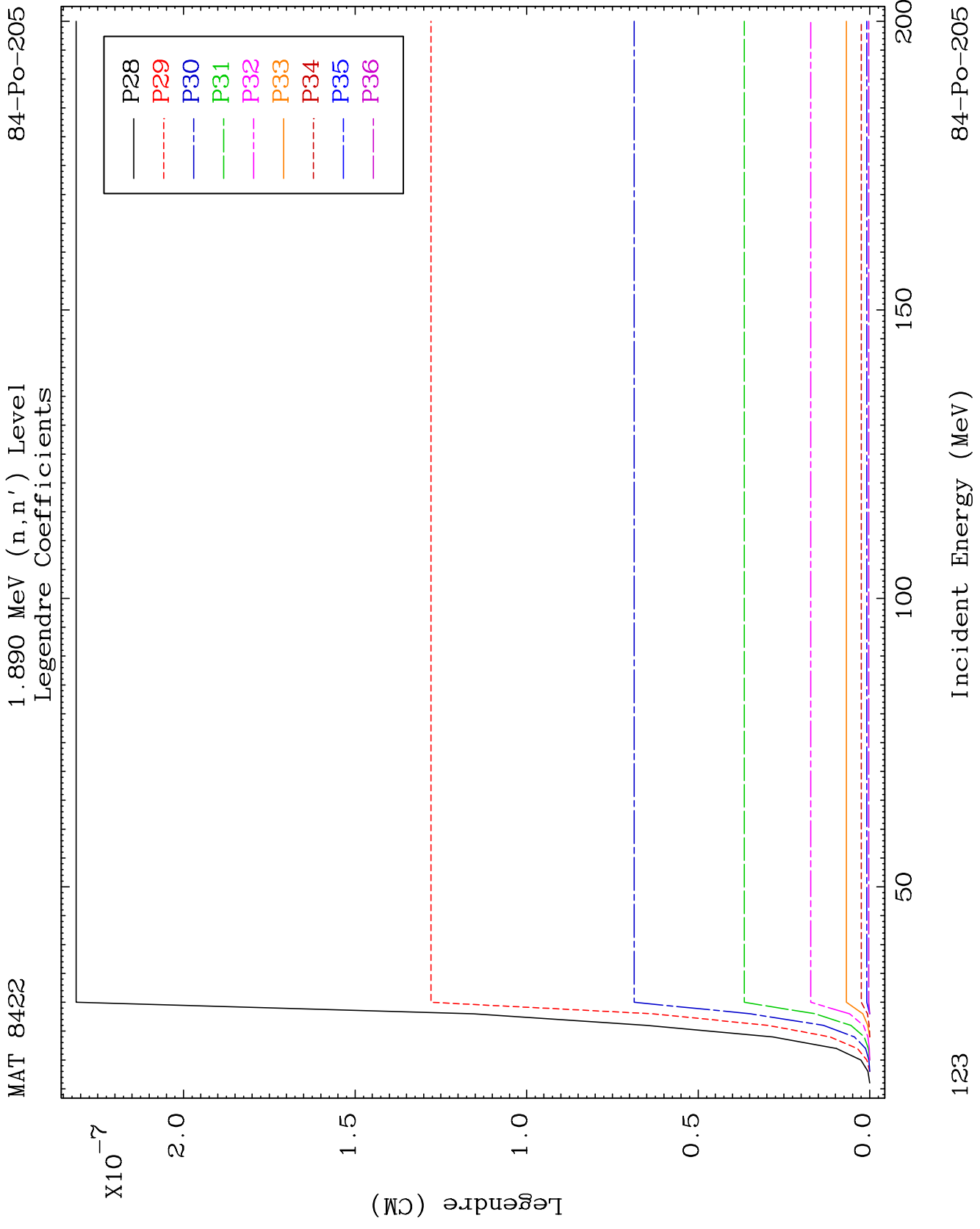
MAT 8422

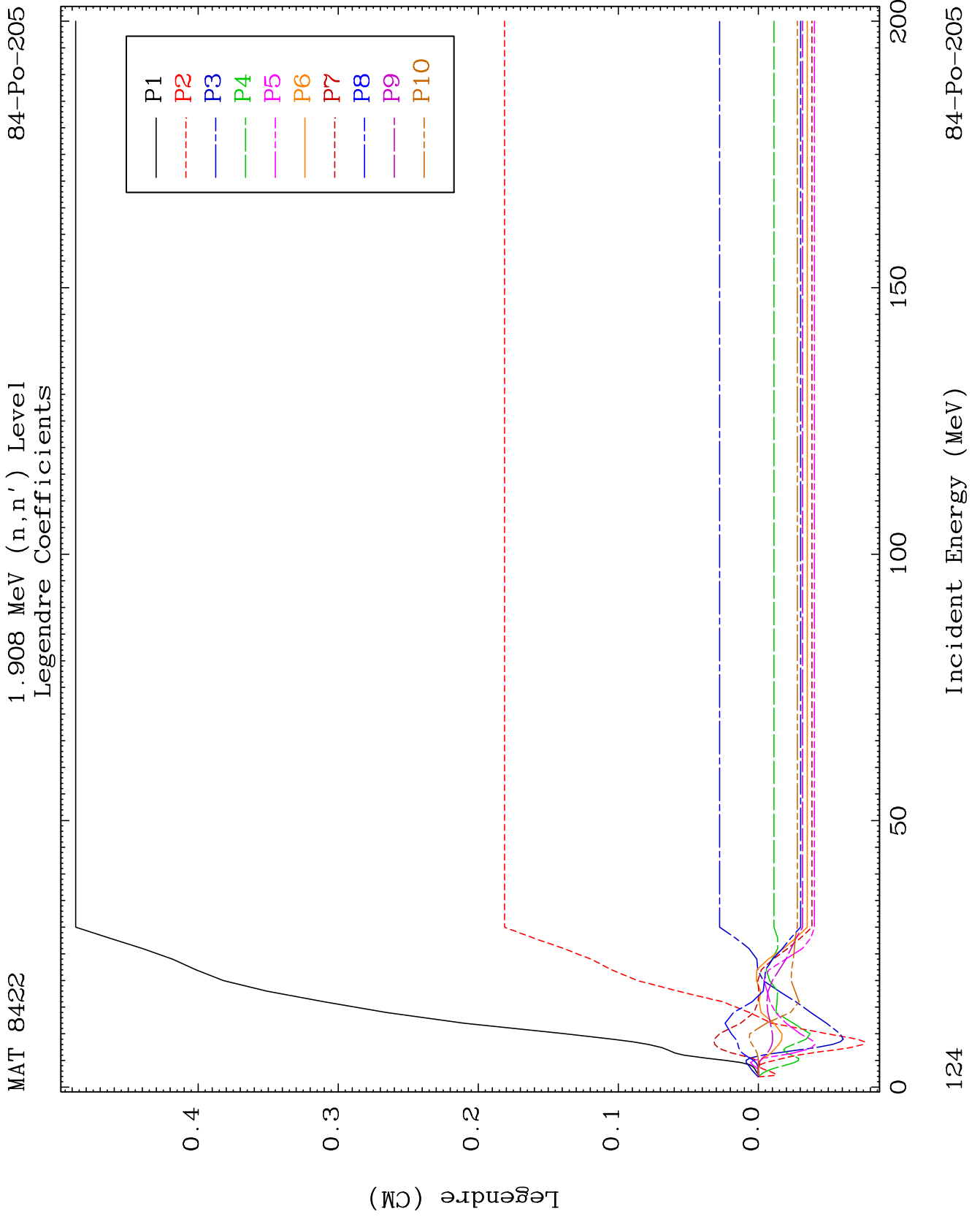
1.890 MeV (n,n') Level
Legendre Coefficients

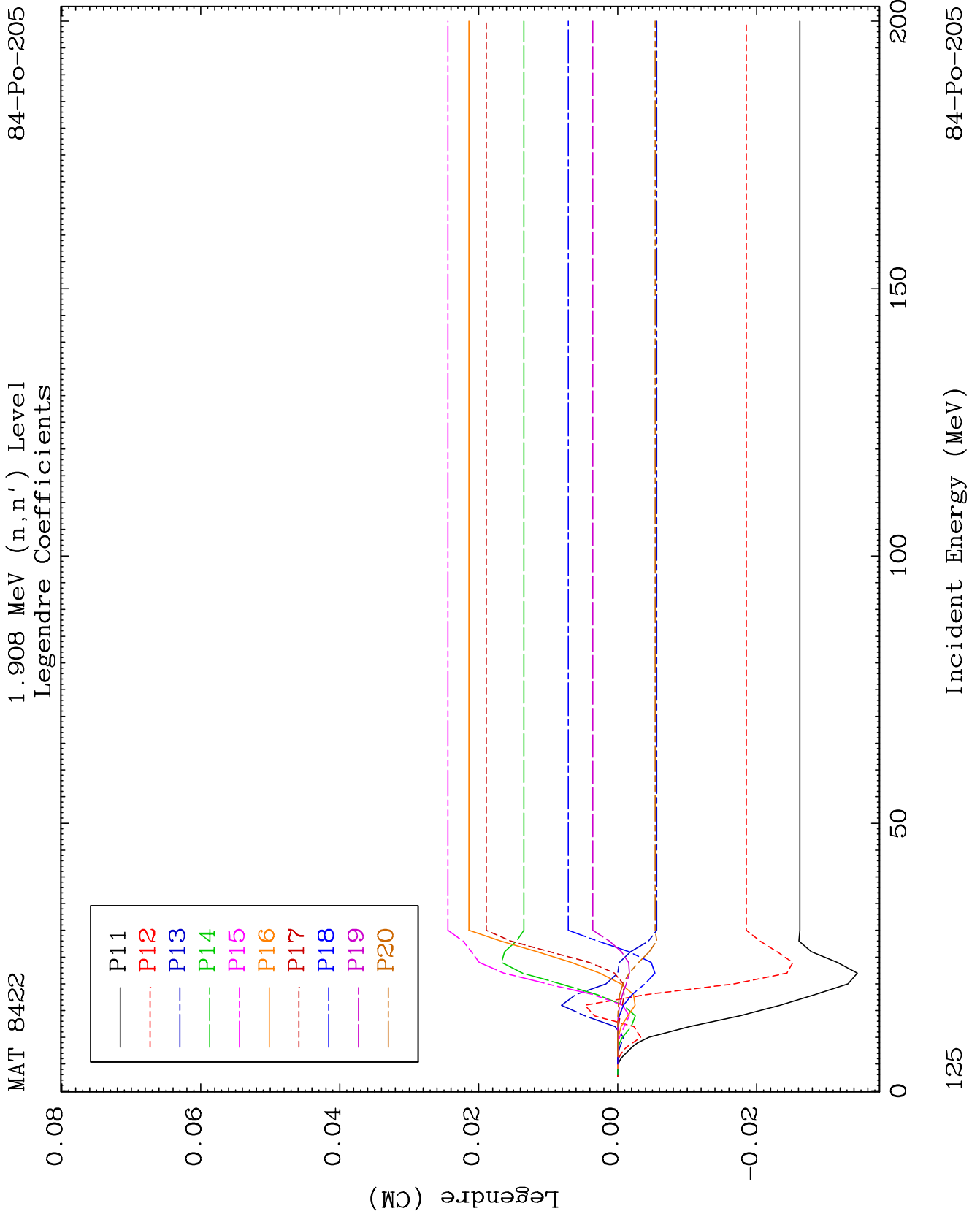
84-Po-205



122



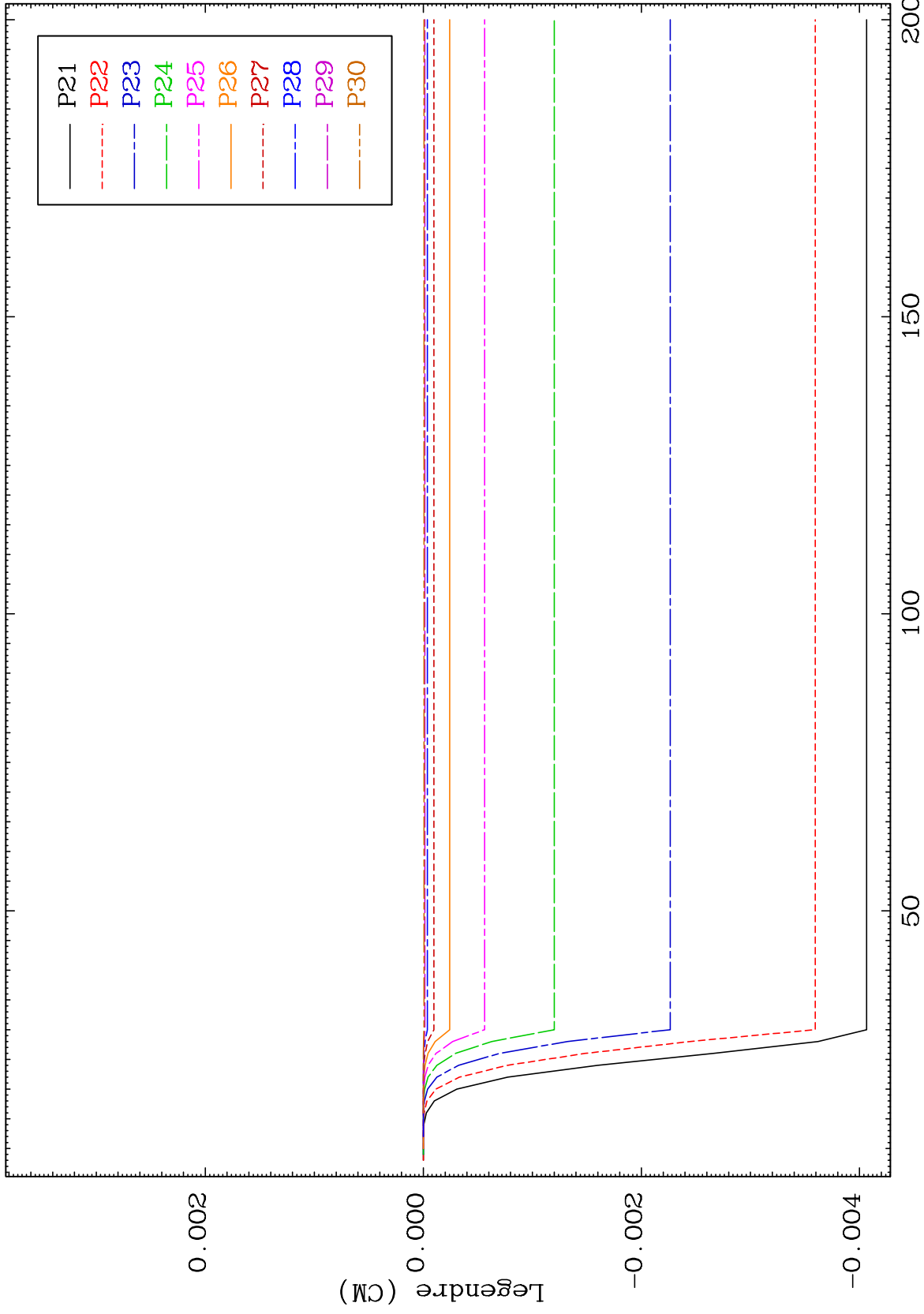




MAT 8422

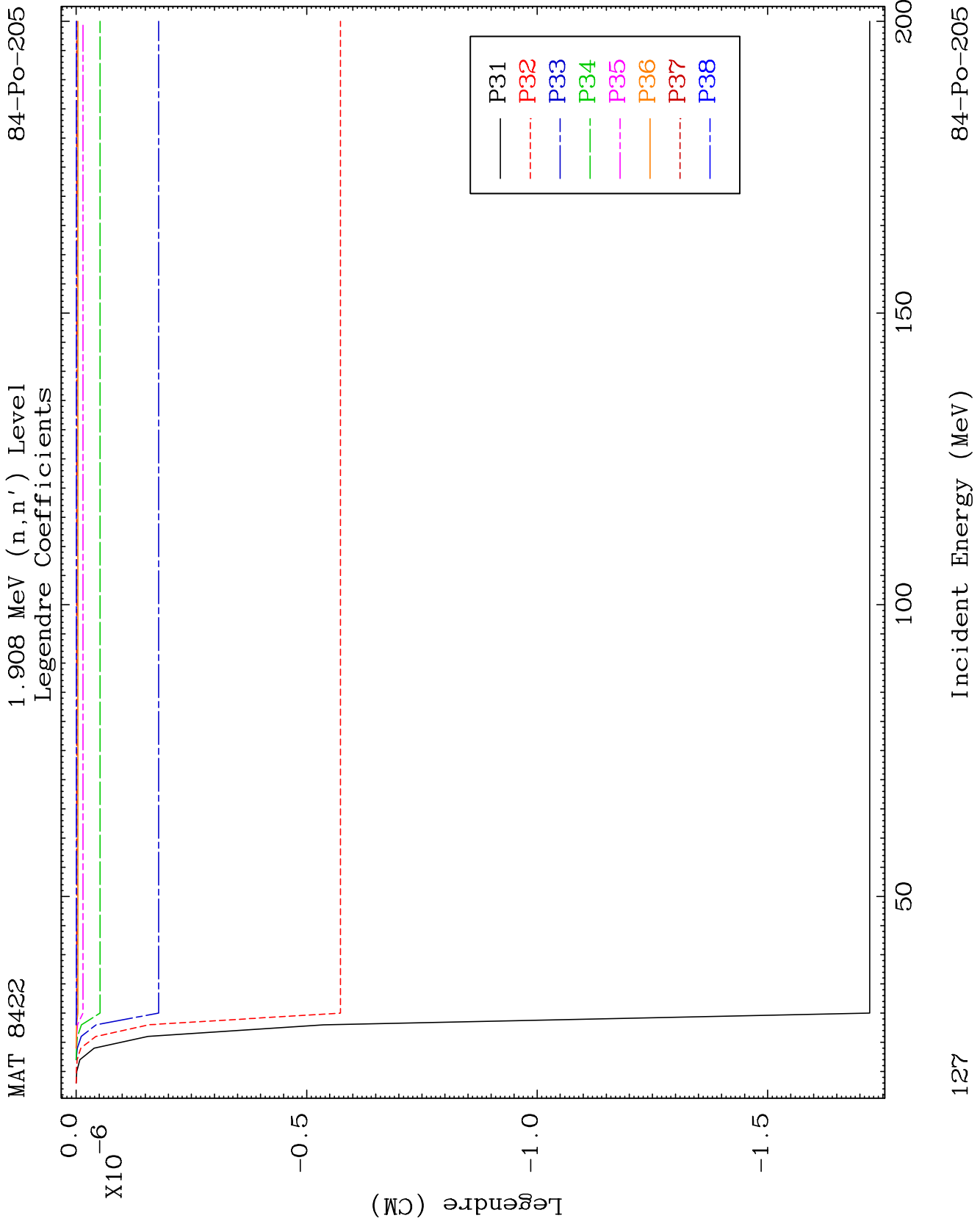
1.908 MeV (n,n') Level
Legendre Coefficients

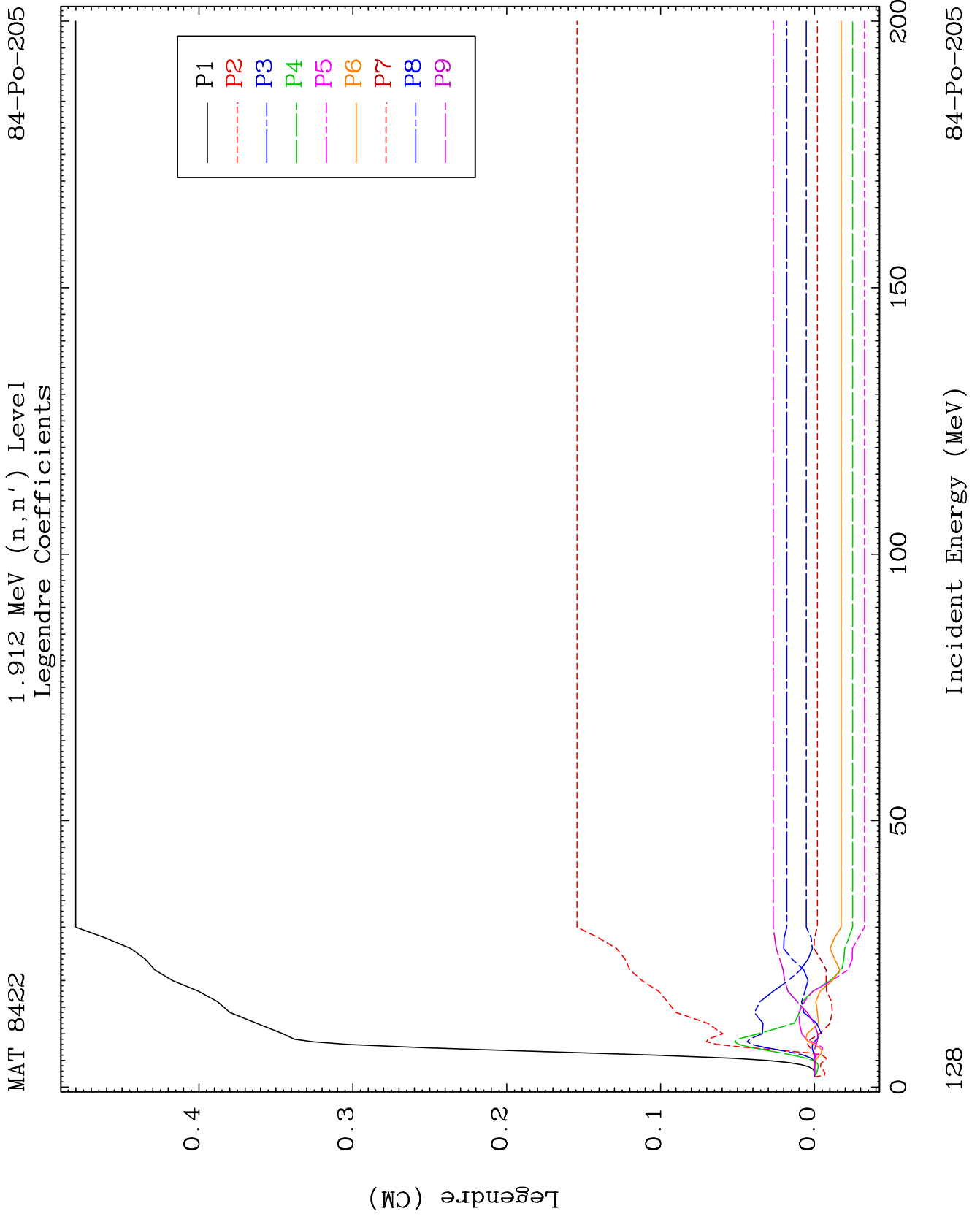
84-Po-205



126

84-Po-205

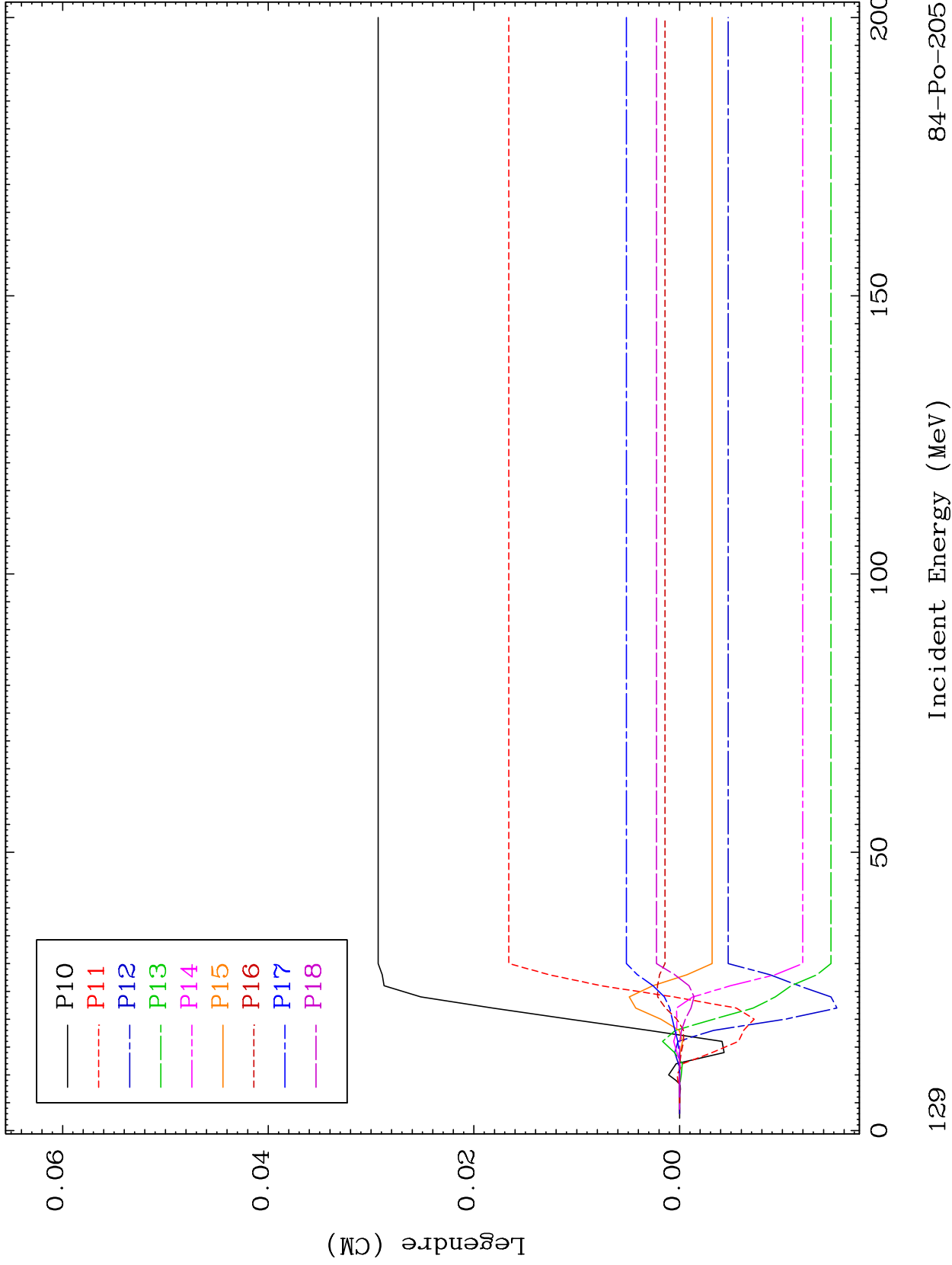




MAT 8422

1.912 MeV (n,n') Level
Legendre Coefficients

84-Po-205



129

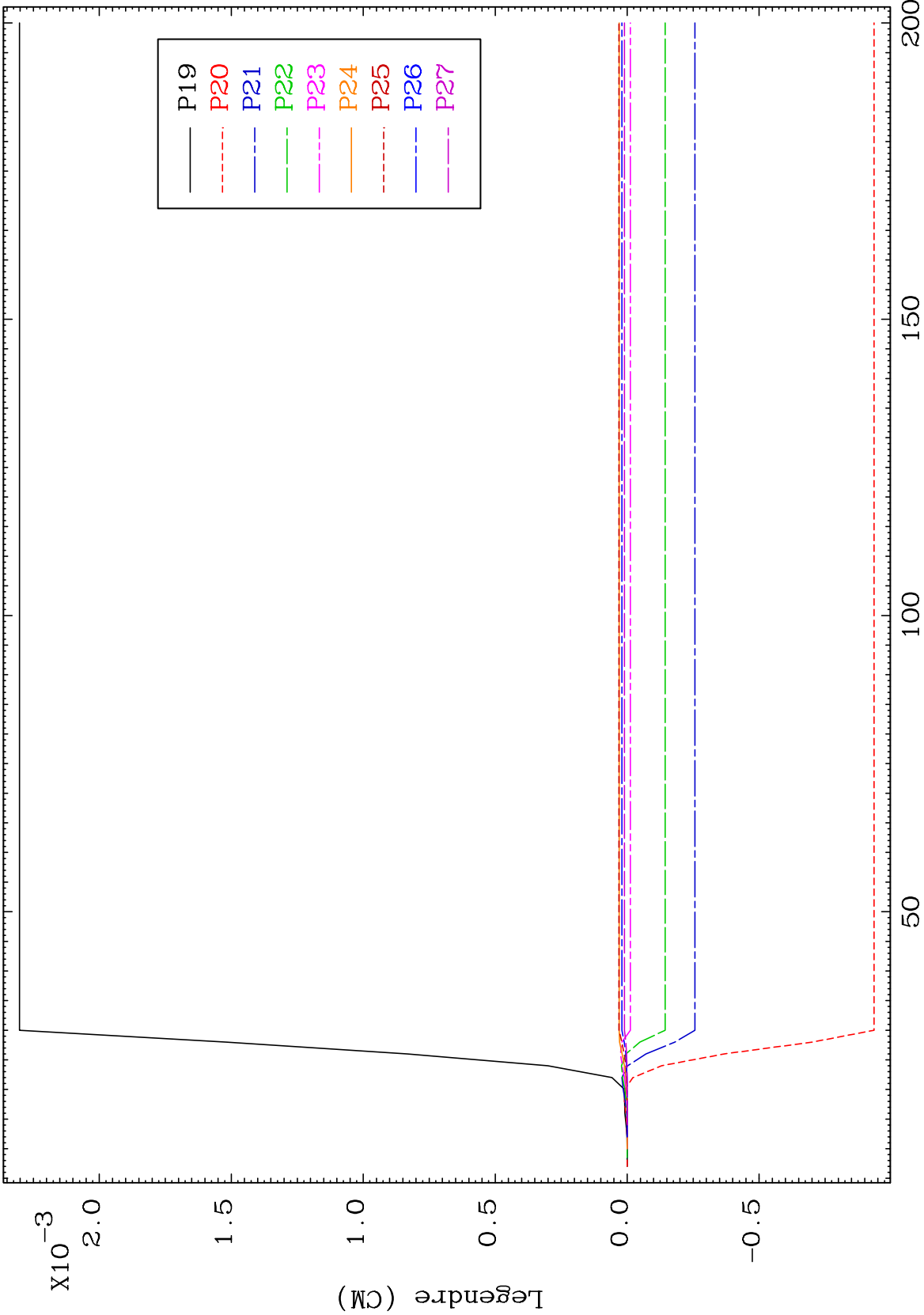
Incident Energy (MeV)

84-Po-205

MAT 8422

1.912 MeV (n,n') Level
Legendre Coefficients

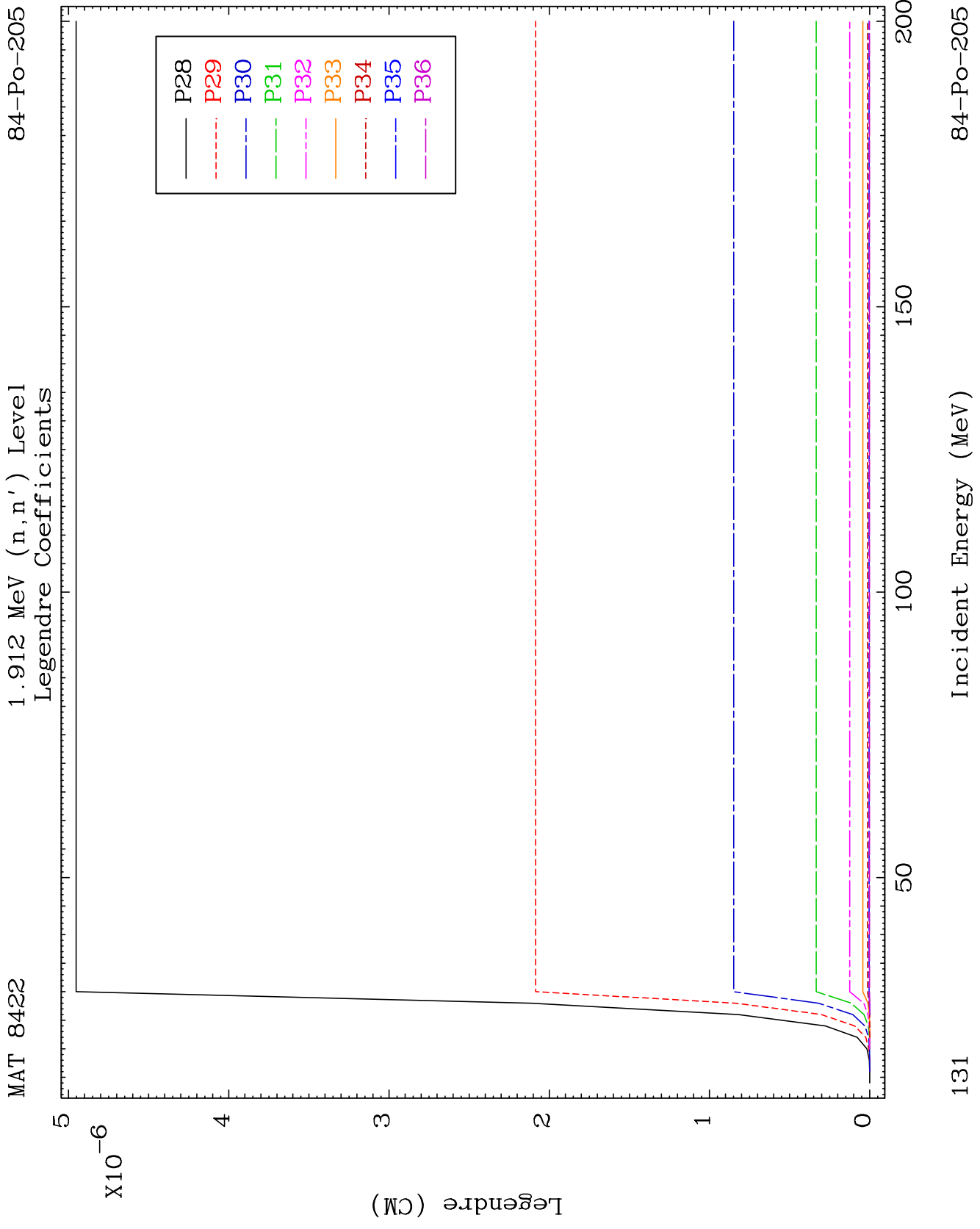
84-Po-205



130

Incident Energy (MeV)

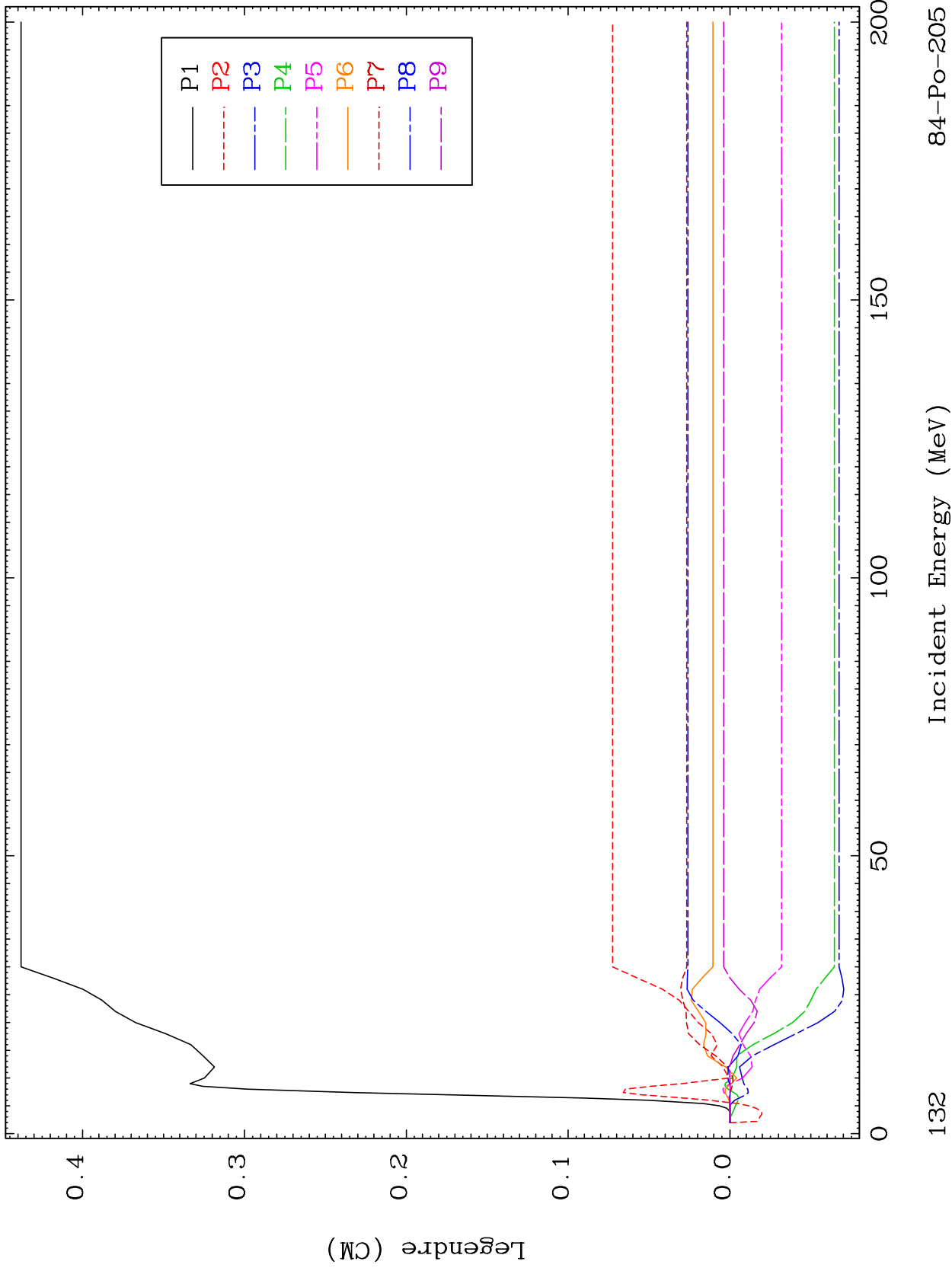
84-Po-205



MAT 8422

1.954 MeV (n,n') Level
Legendre Coefficients

84-Po-205



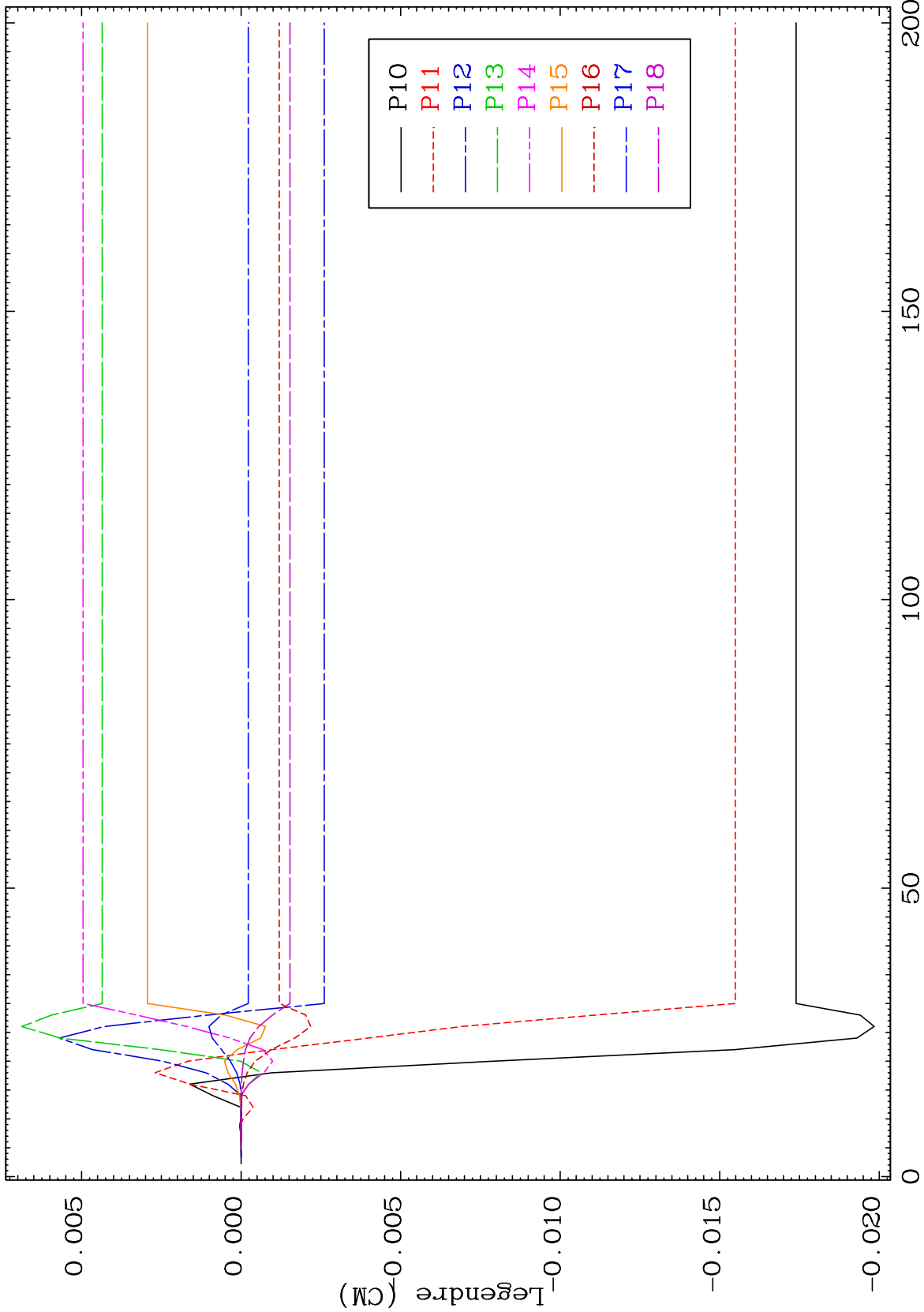
132

84-Po-205

MAT 8422

1.954 MeV (n,n') Level
Legendre Coefficients

84-Po-205



133

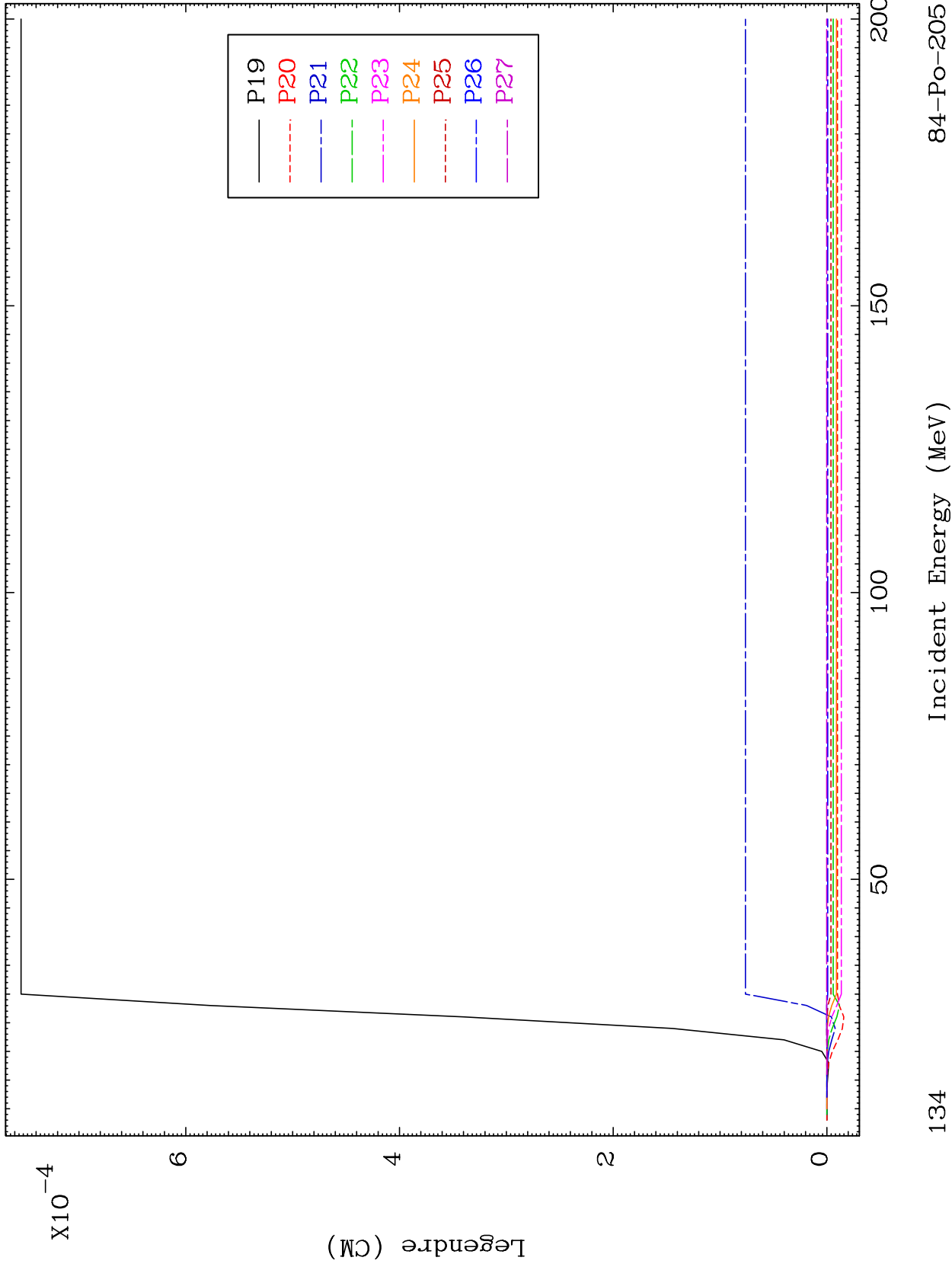
Incident Energy (MeV)

84-Po-205

MAT 8422

1.954 MeV (n,n') Level
Legendre Coefficients

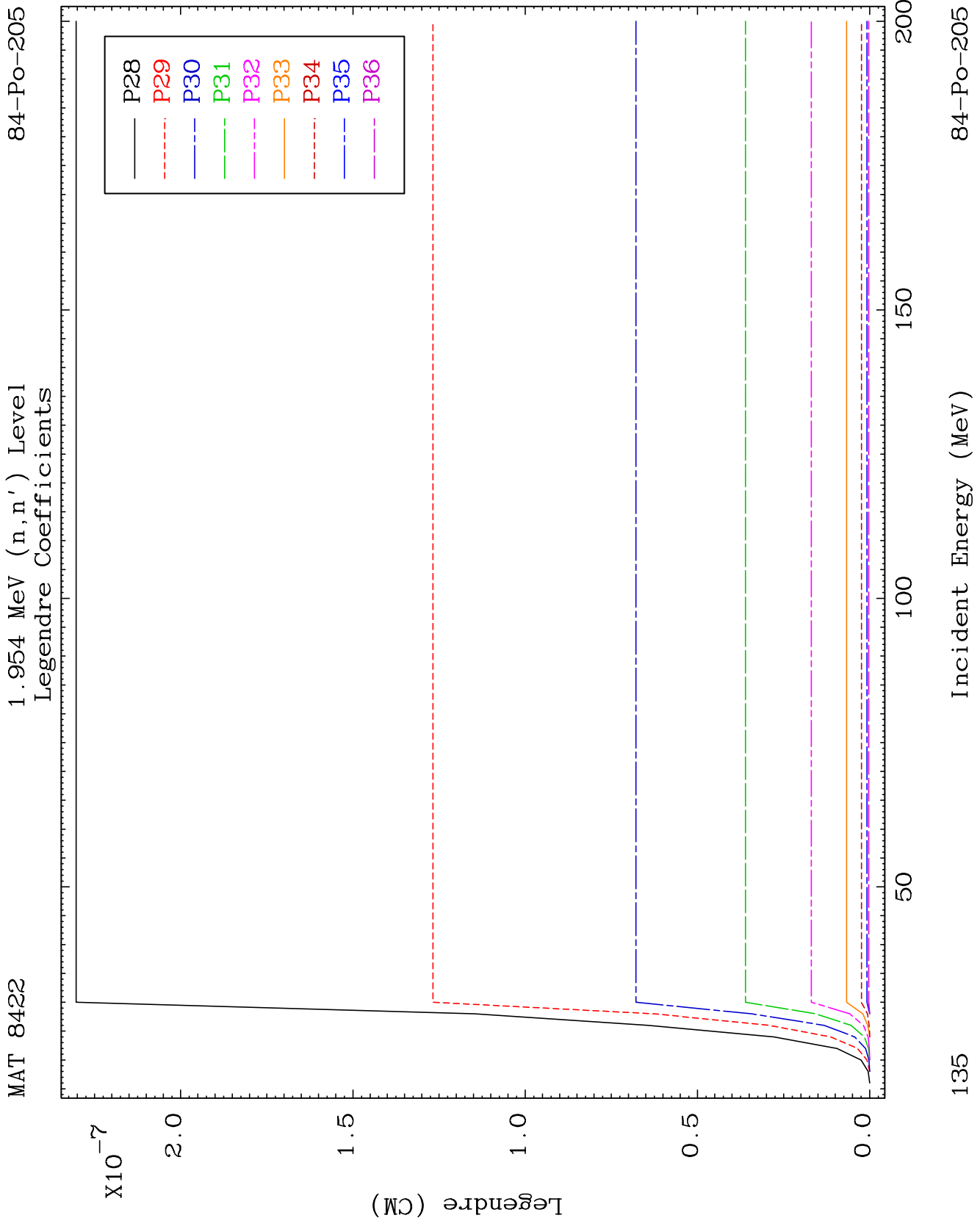
84-Po-205



134

Incident Energy (MeV)

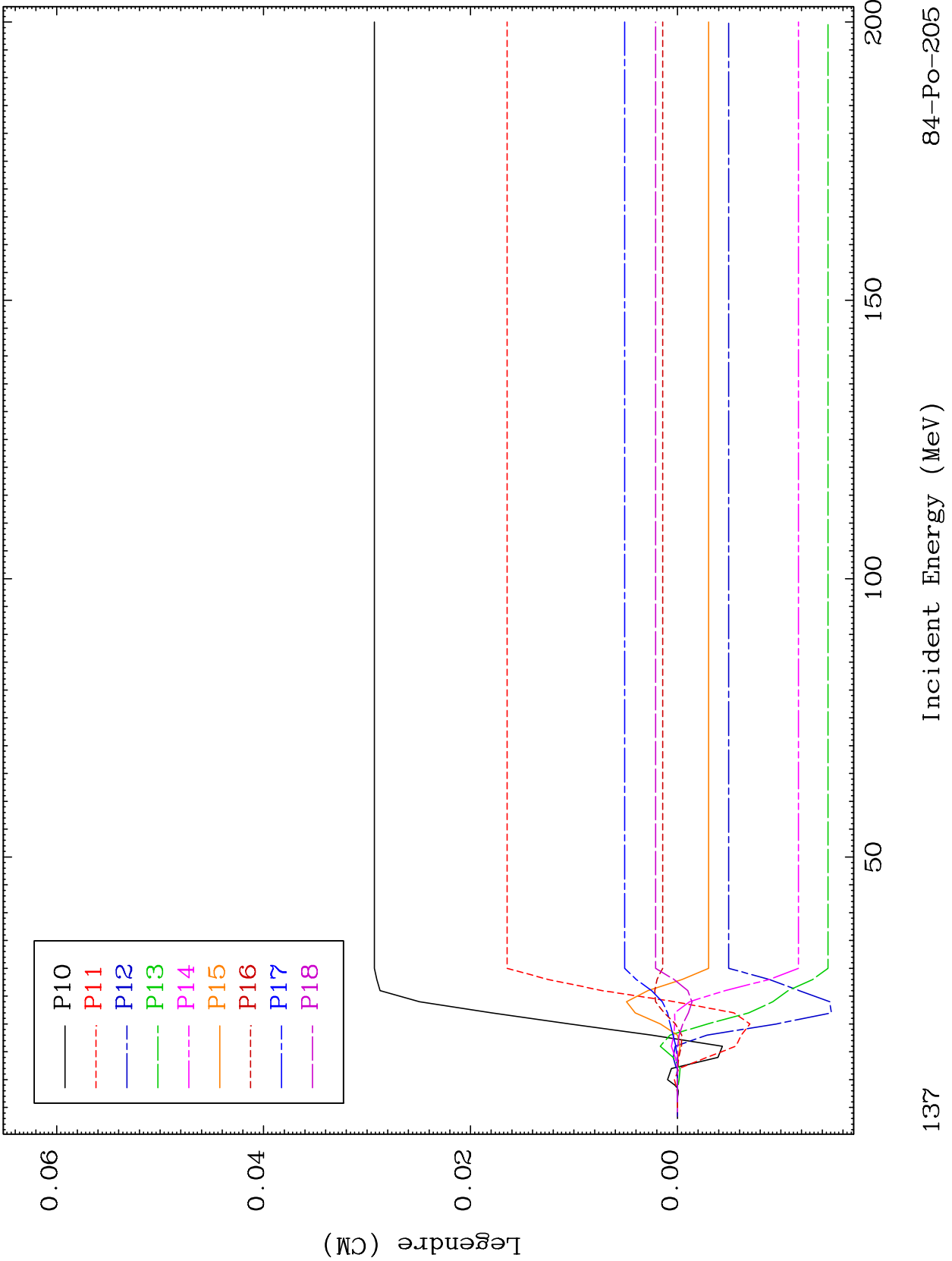
84-Po-205



MAT 8422

2.149 MeV (n,n') Level
Legendre Coefficients

84-Po-205



137

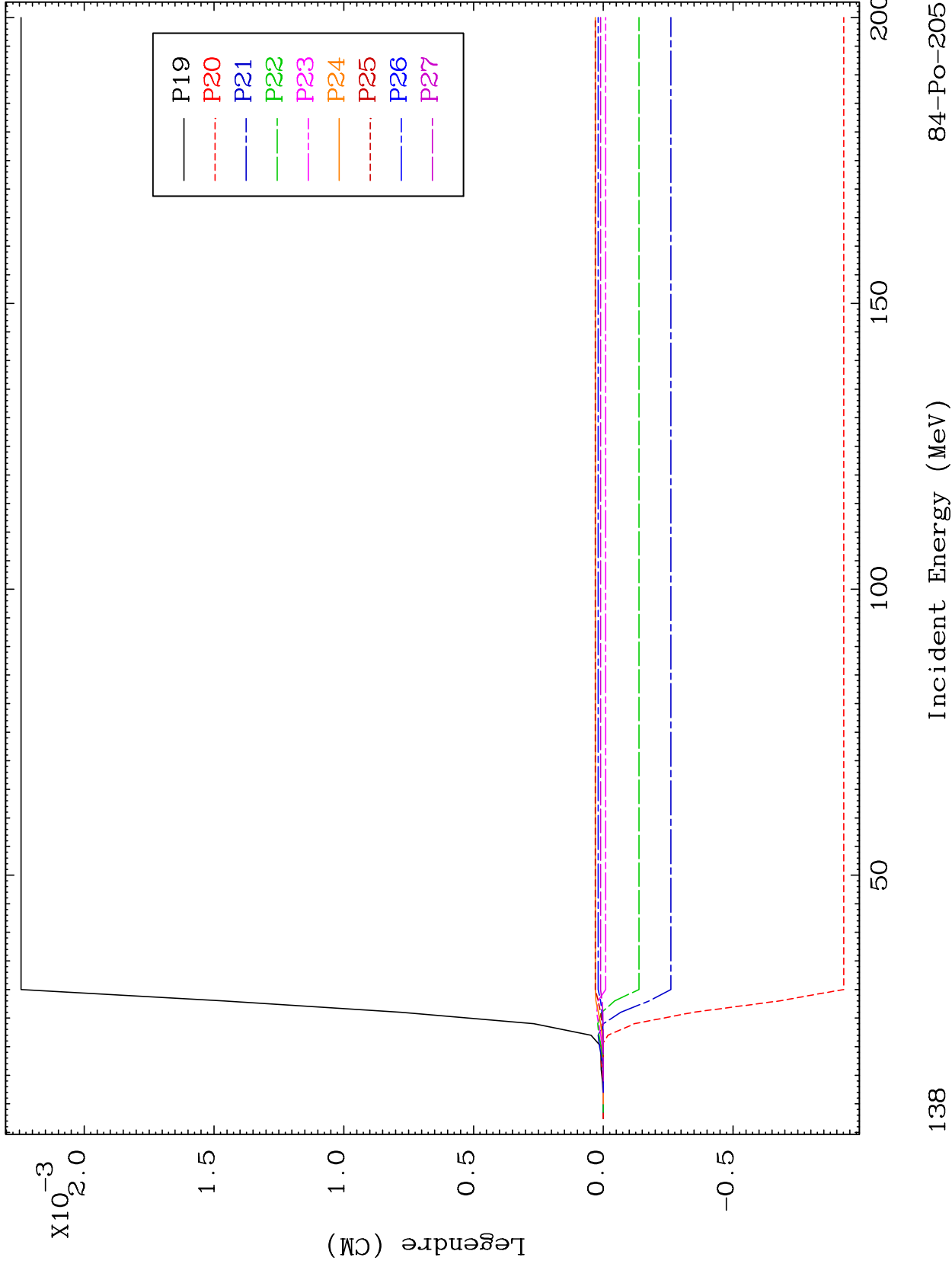
Incident Energy (MeV)

84-Po-205

MAT 8422

2.149 MeV (n, n') Level
Legendre Coefficients

84-Po-205



138

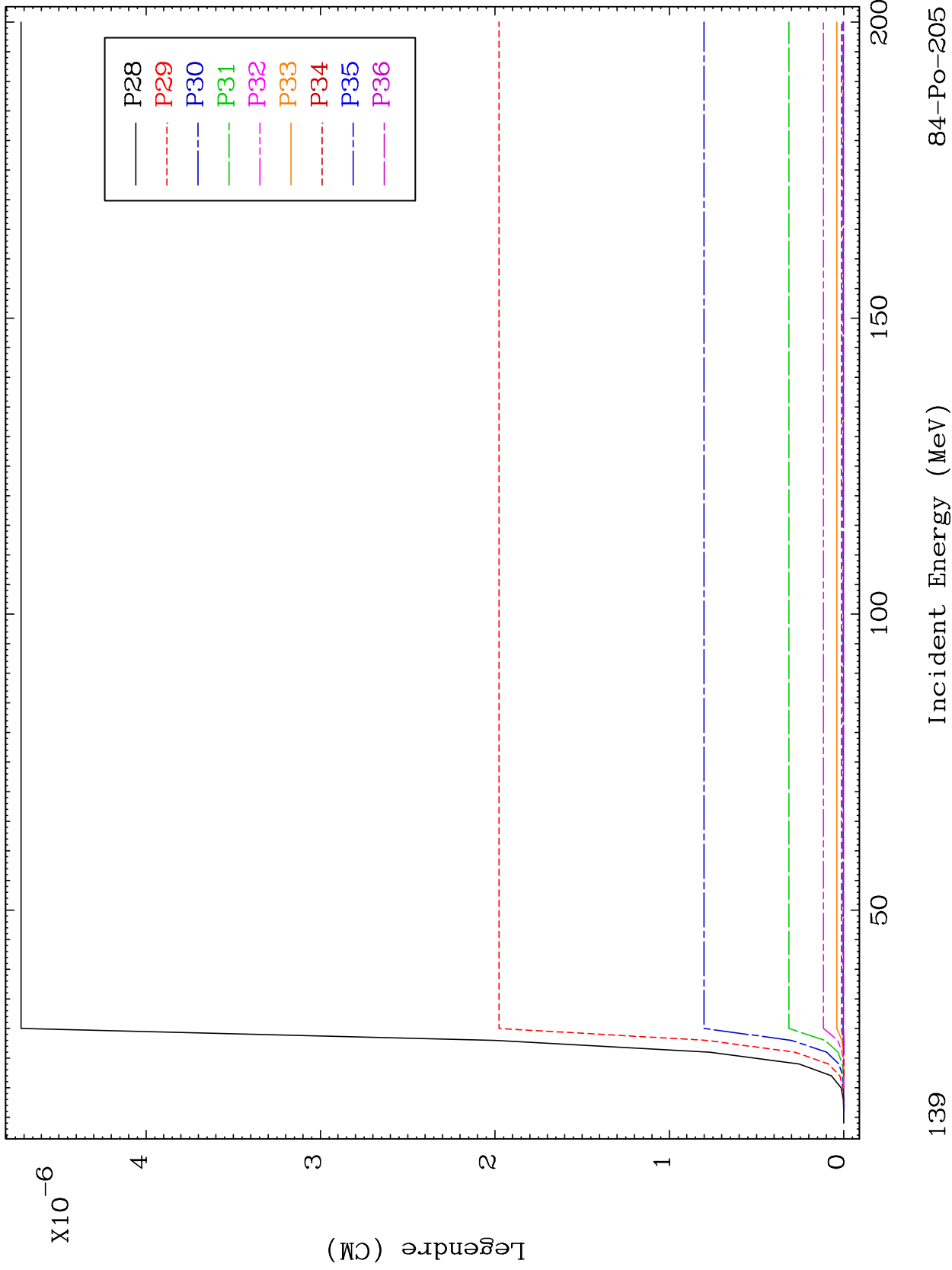
Incident Energy (MeV)

84-Po-205

MAT 8422

2.149 MeV (n,n') Level
Legendre Coefficients

84-Po-205



139

Incident Energy (MeV)

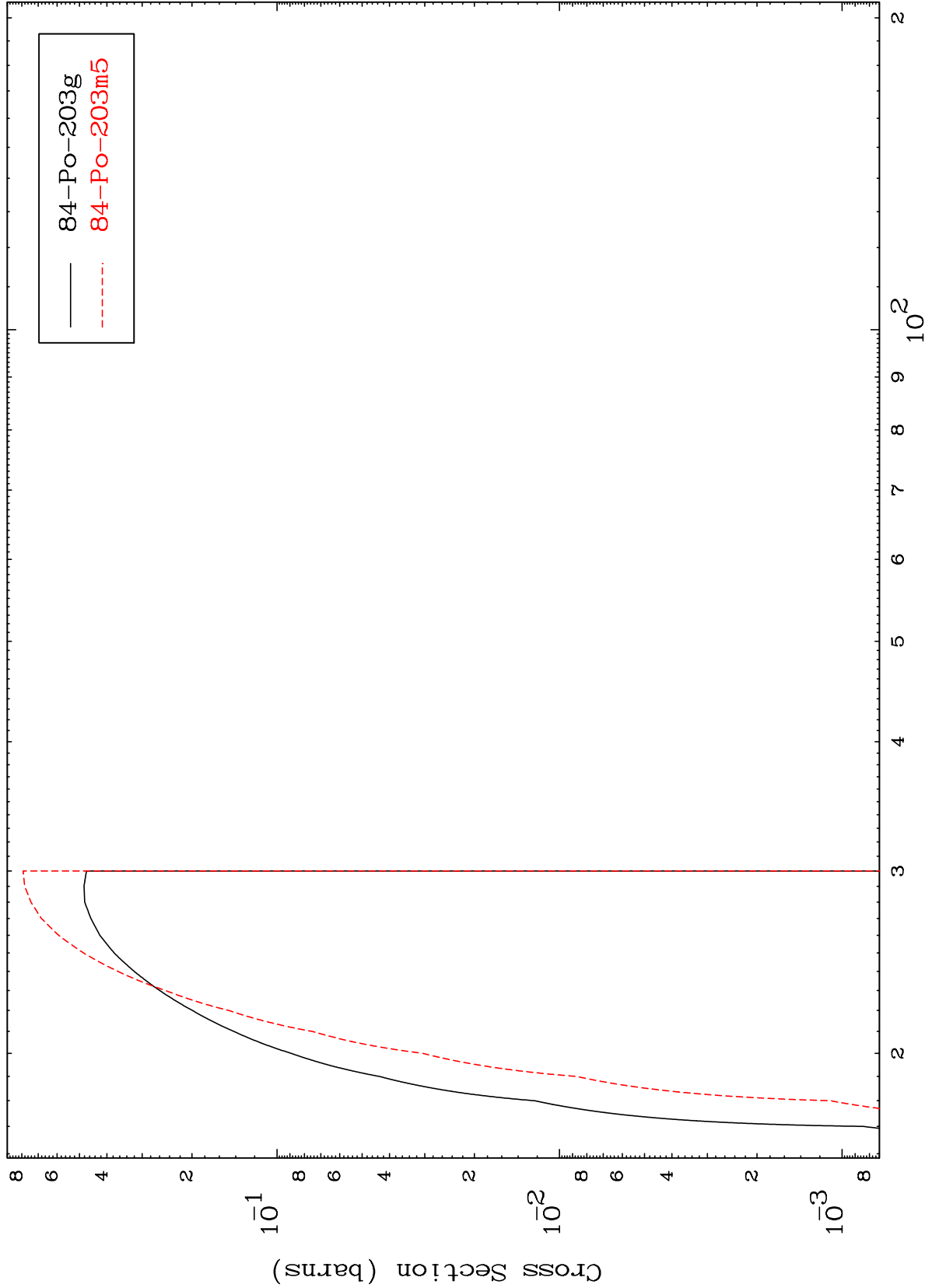
84-Po-205

MAT 8422

(n,3n)

84-Po-205

Radionuclide Production Cross Section



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

140

Incident Energy (MeV)

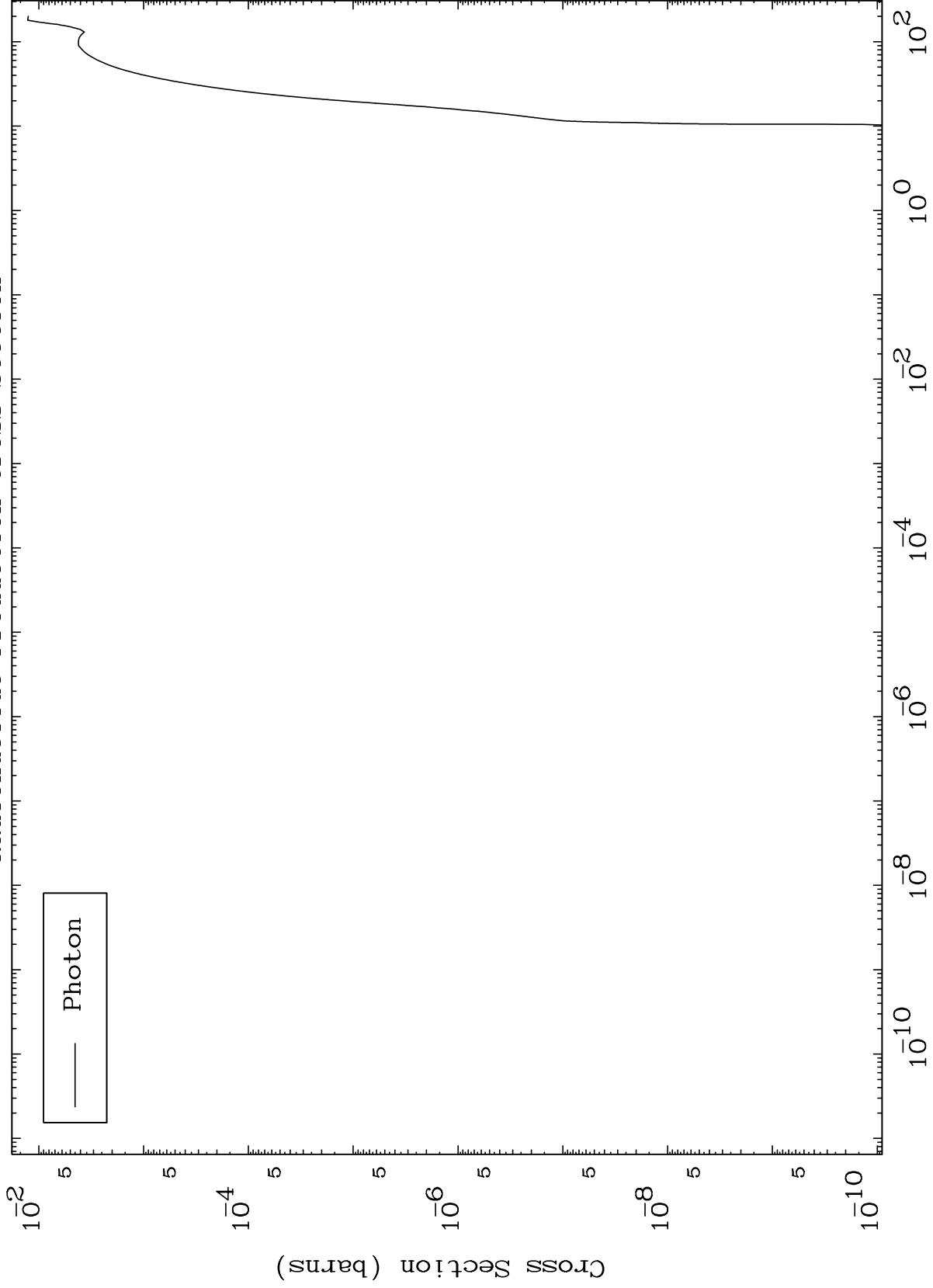
84-Po-205

MAT 8422

Fission

84-Po-205

Radionuclide Production Cross Section



141

Incident Energy (MeV)

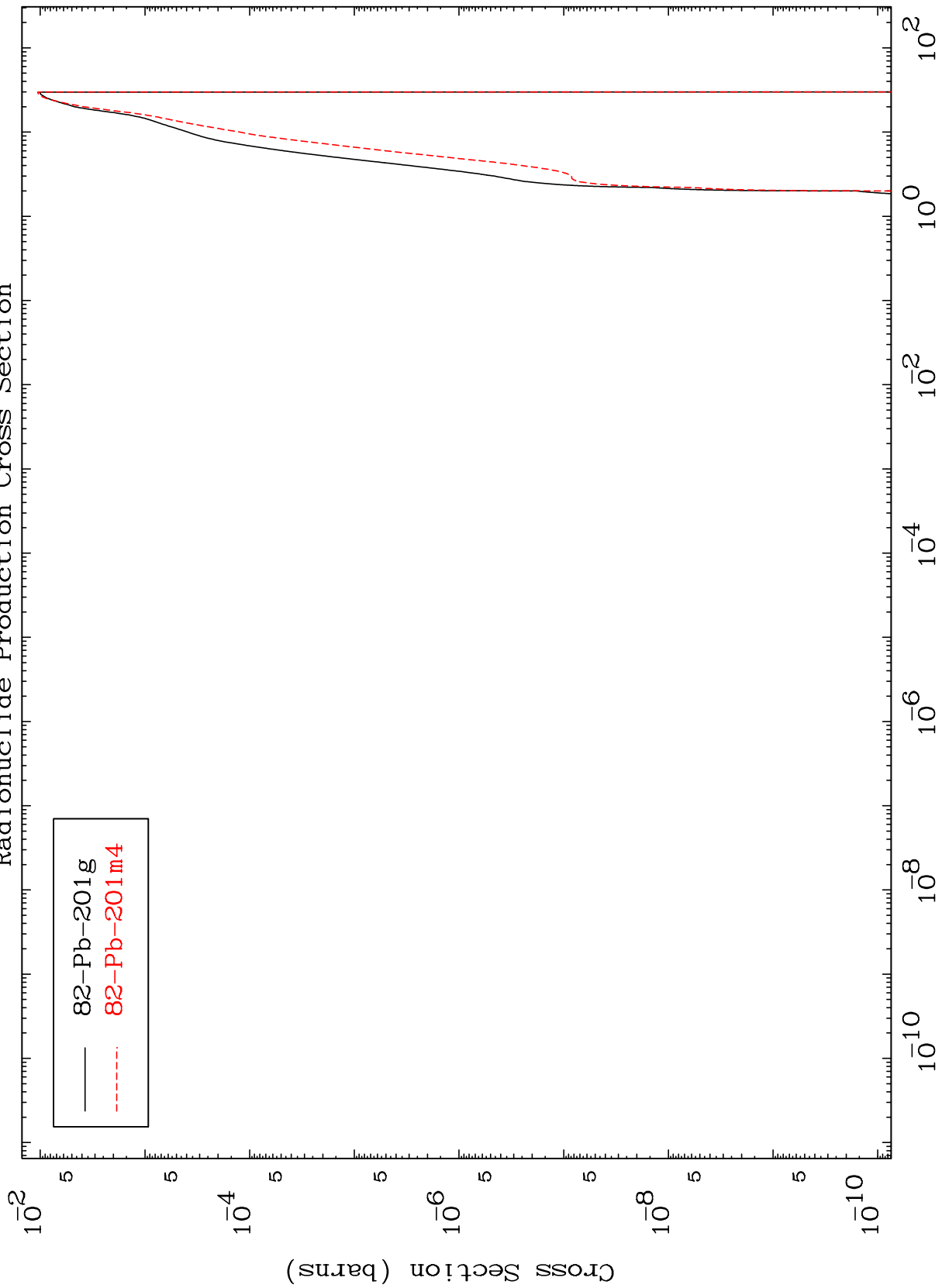
84-Po-205

MAT 8422

$(n, n') \alpha$

84-Po-205

Radionuclide Production Cross Section



142

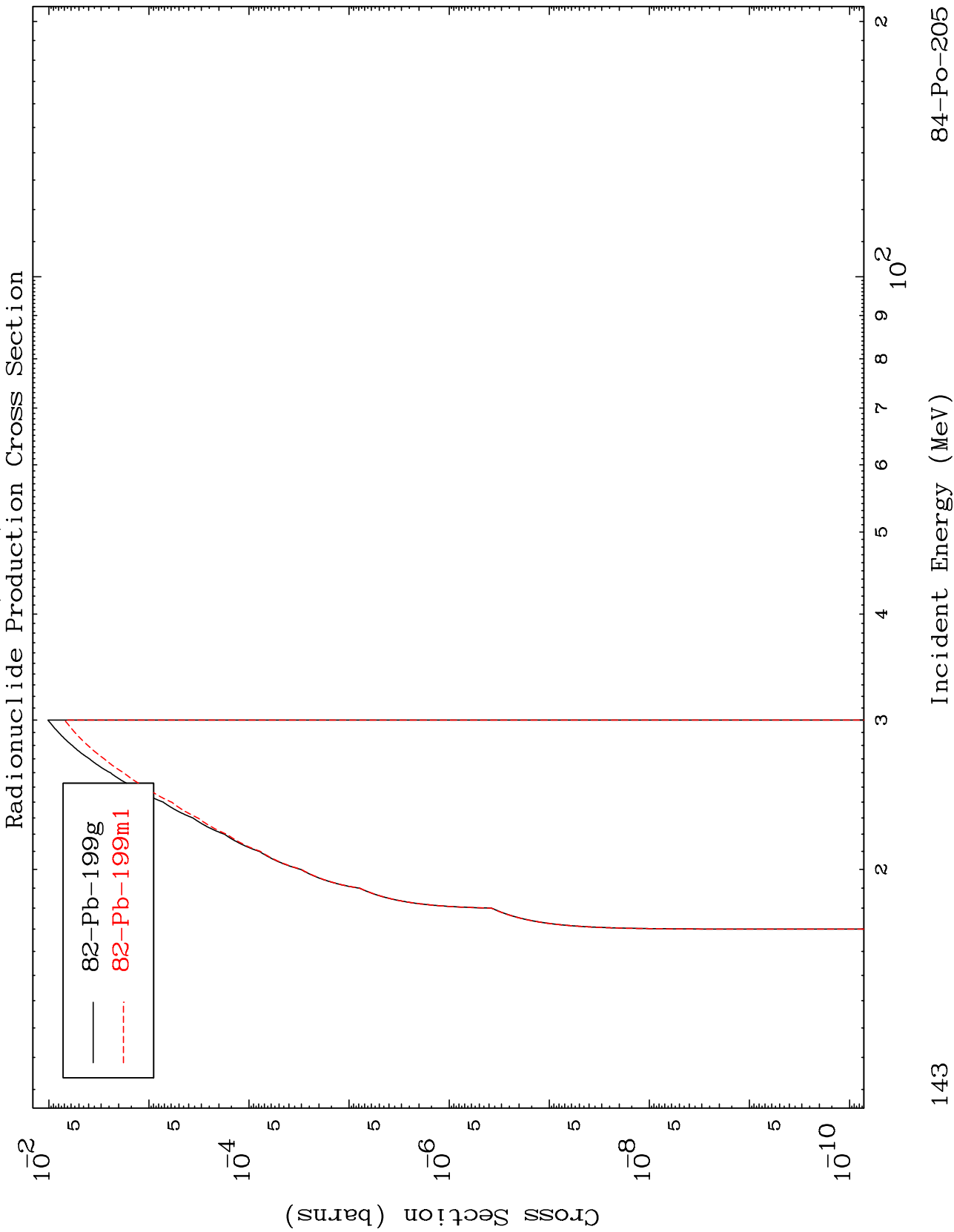
Incident Energy (MeV)

84-Po-205

MAT 8422

(n,3n) α

84-Po-205

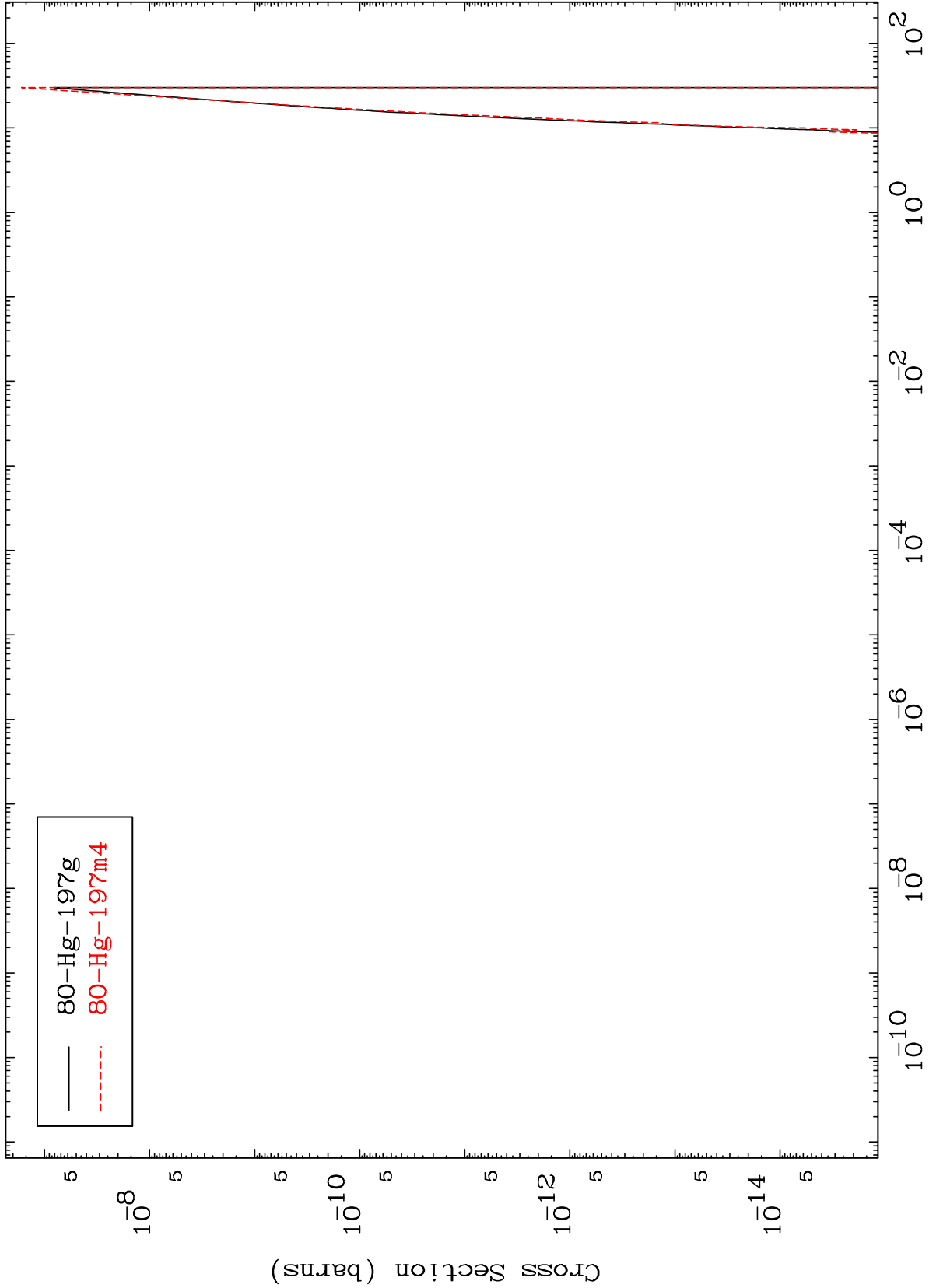


MAT 8422

(n,n') 2 α

84-Po-205

Radionuclide Production Cross Section



144

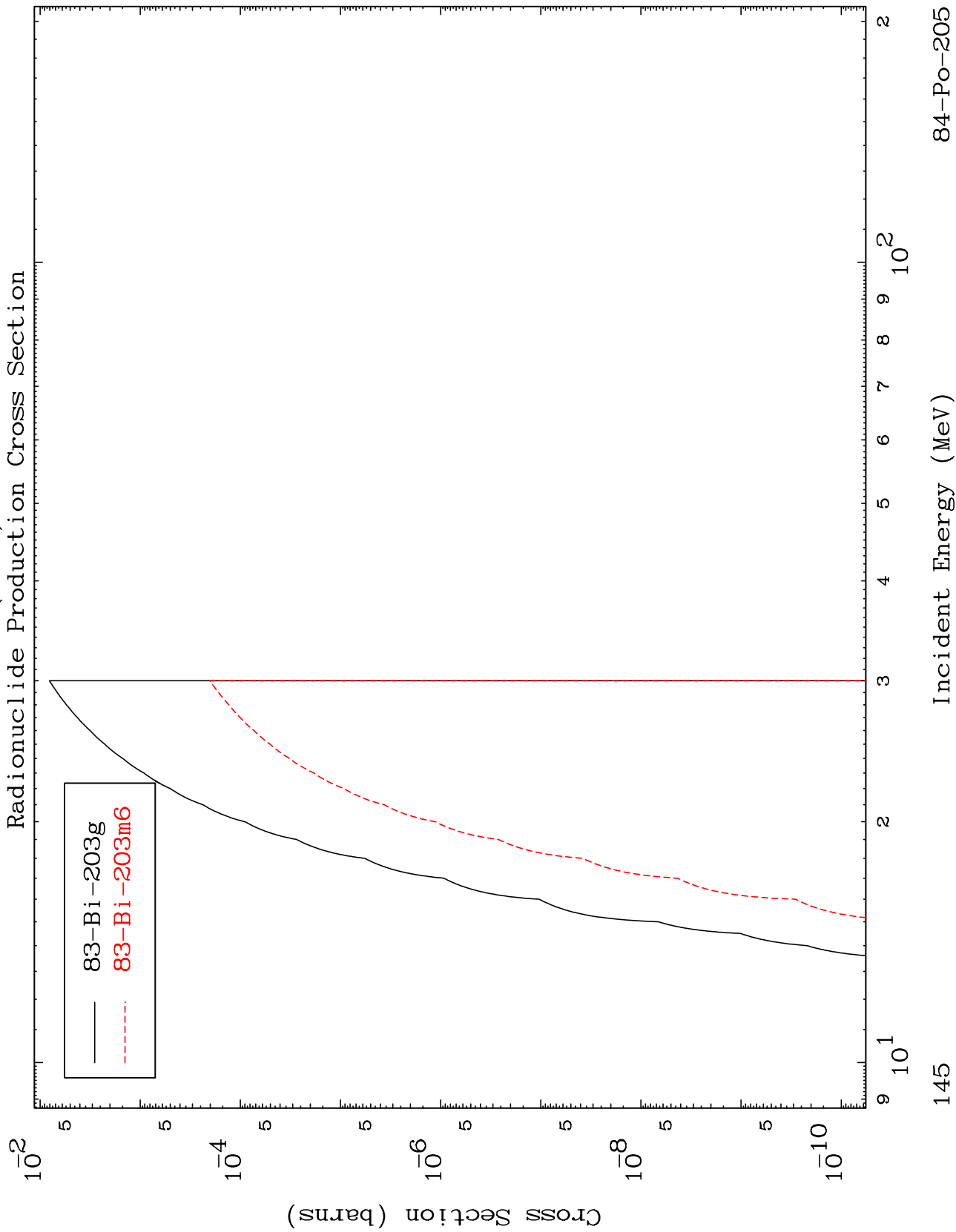
Incident Energy (MeV)

84-Po-205

MAT 8422

(n,n') d

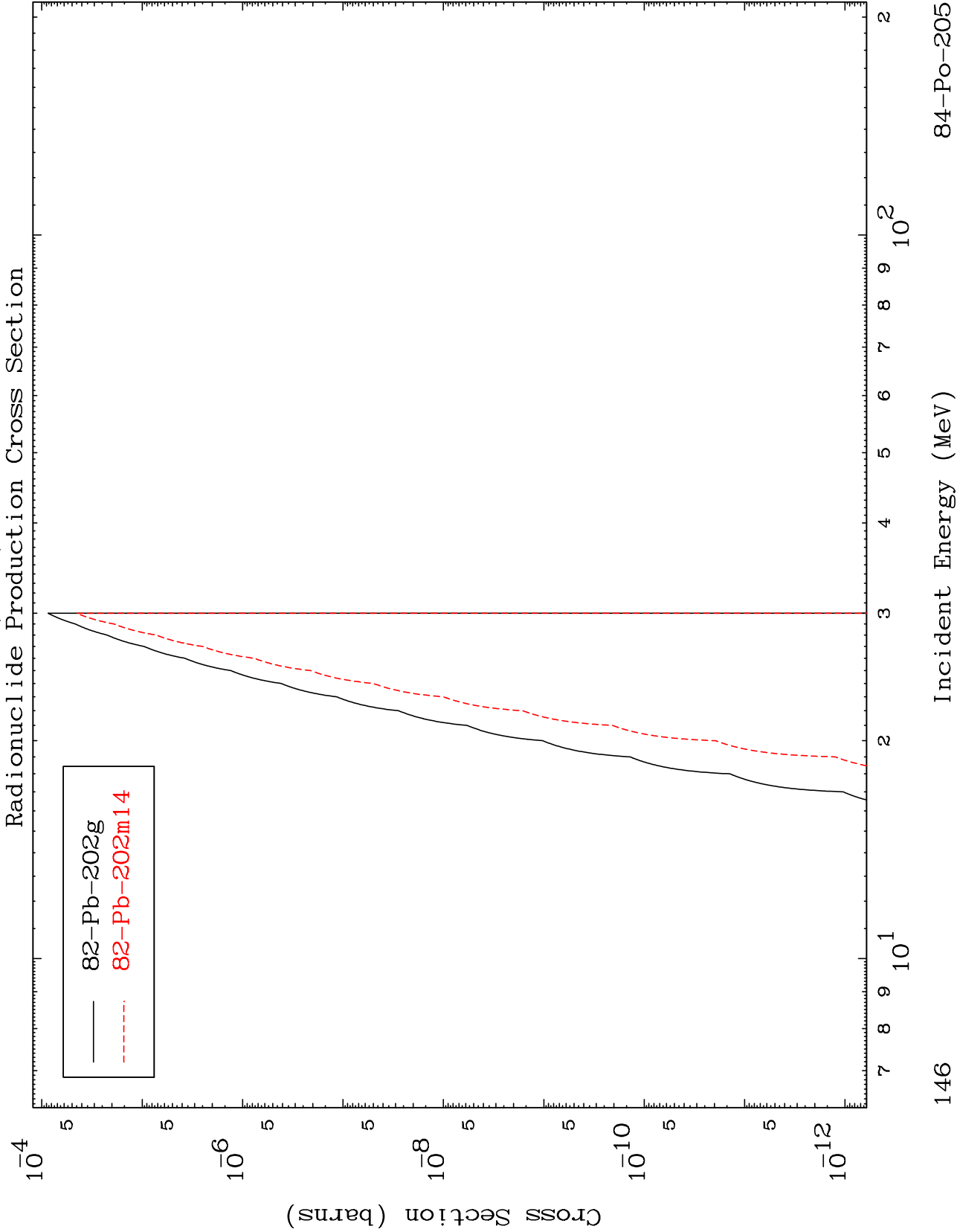
84-Po-205



MAT 8422

(n,n') He-3

84-Po-205



146

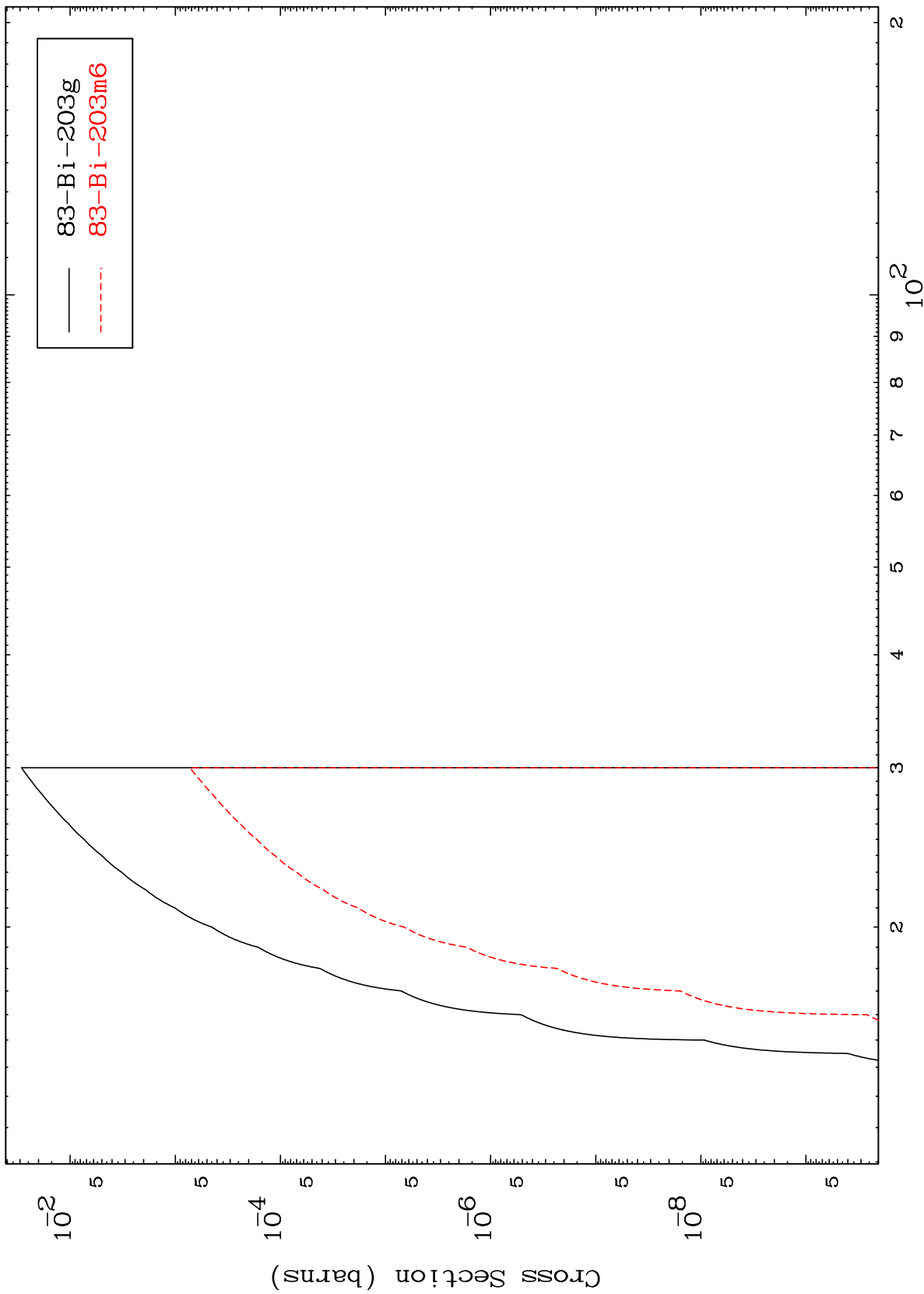
84-Po-205

MAT 8422

(n,2n) p

84-Po-205

Radionuclide Production Cross Section



147

Incident Energy (MeV)

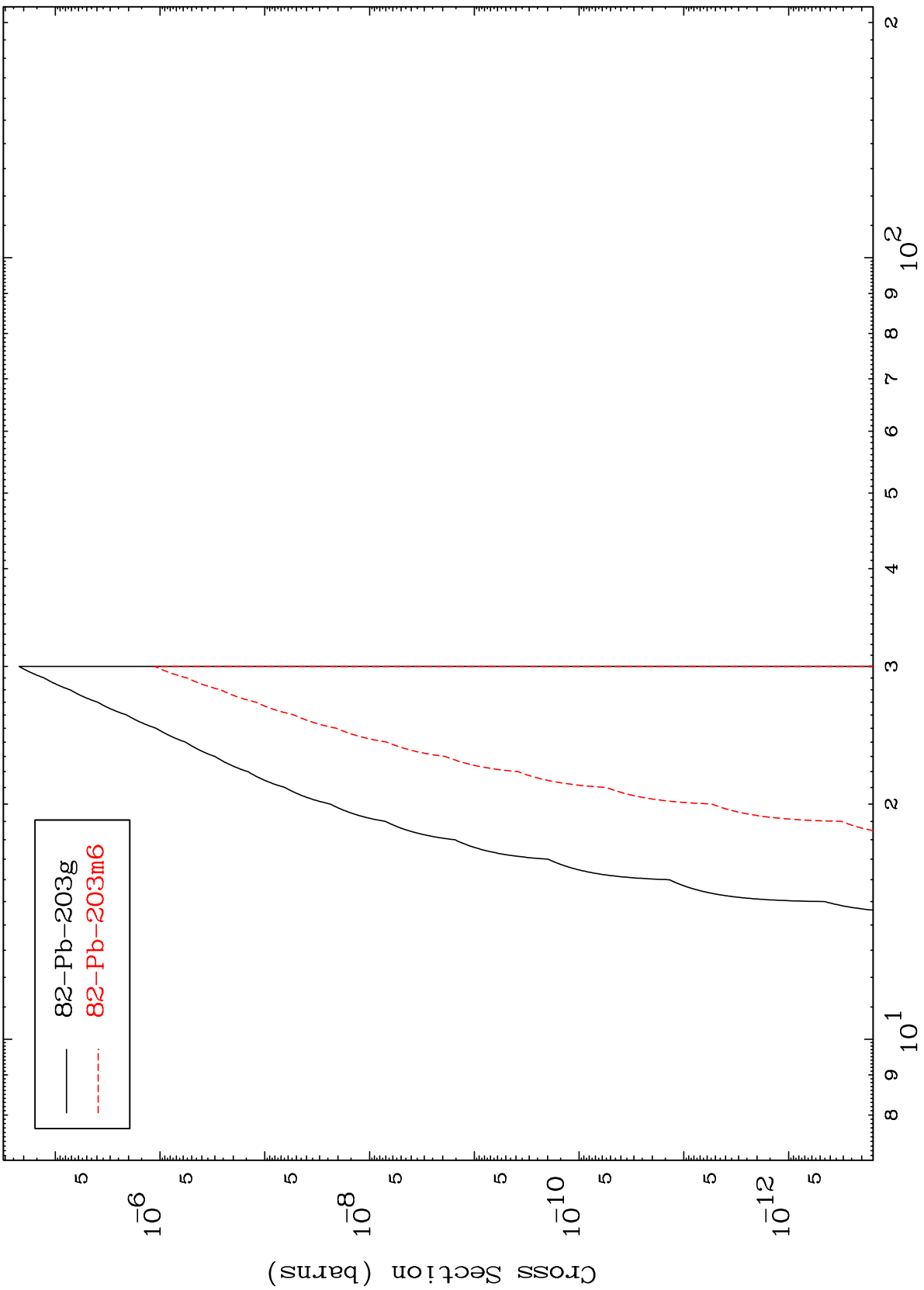
84-Po-205

MAT 8422

(n,2n) p

84-Po-205

Radionuclide Production Cross Section



148

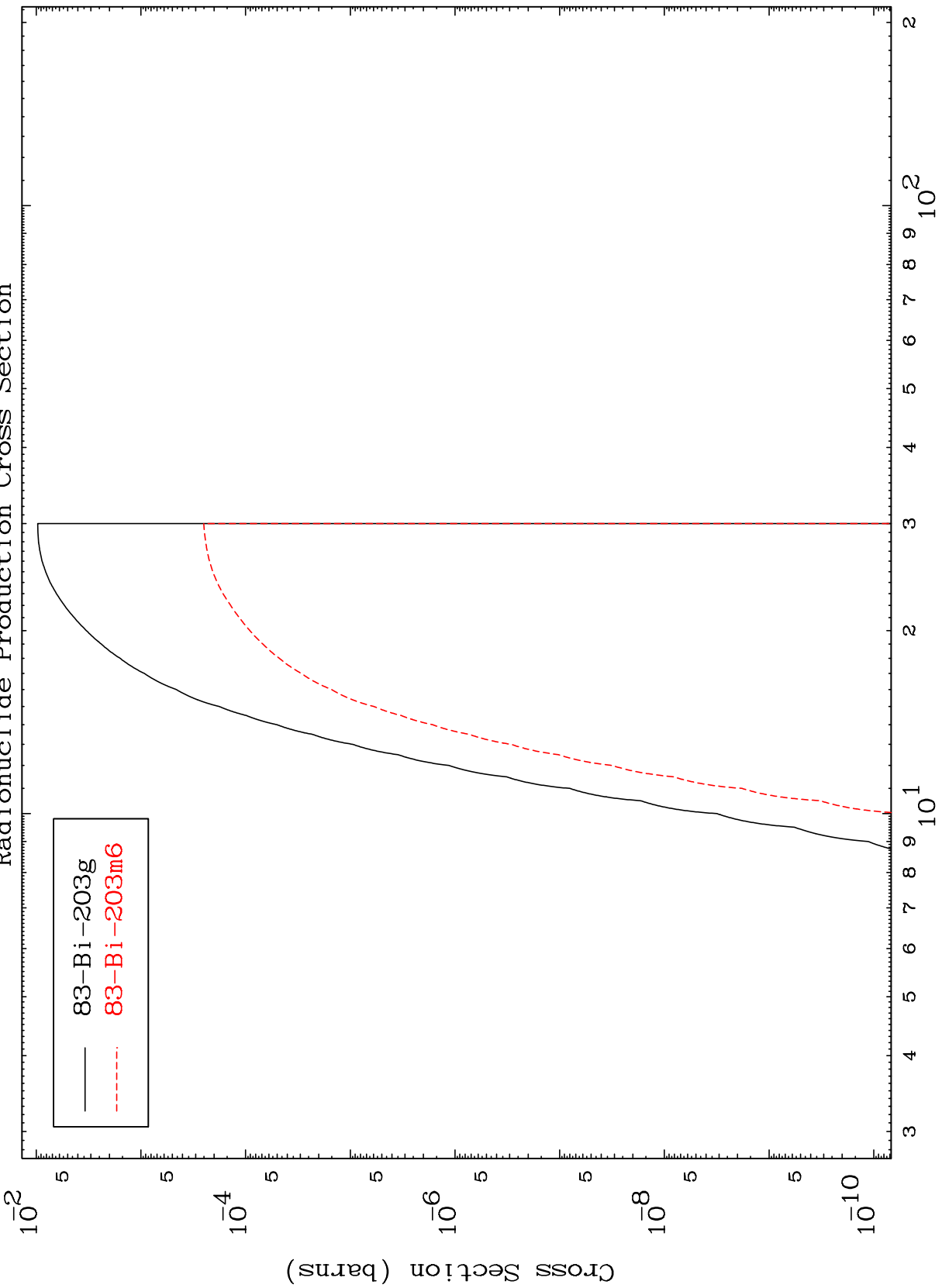
Incident Energy (MeV)

84-Po-205

MAT 8422

84-Po-205

(n, t)
Radionuclide Production Cross Section



149

Incident Energy (MeV)

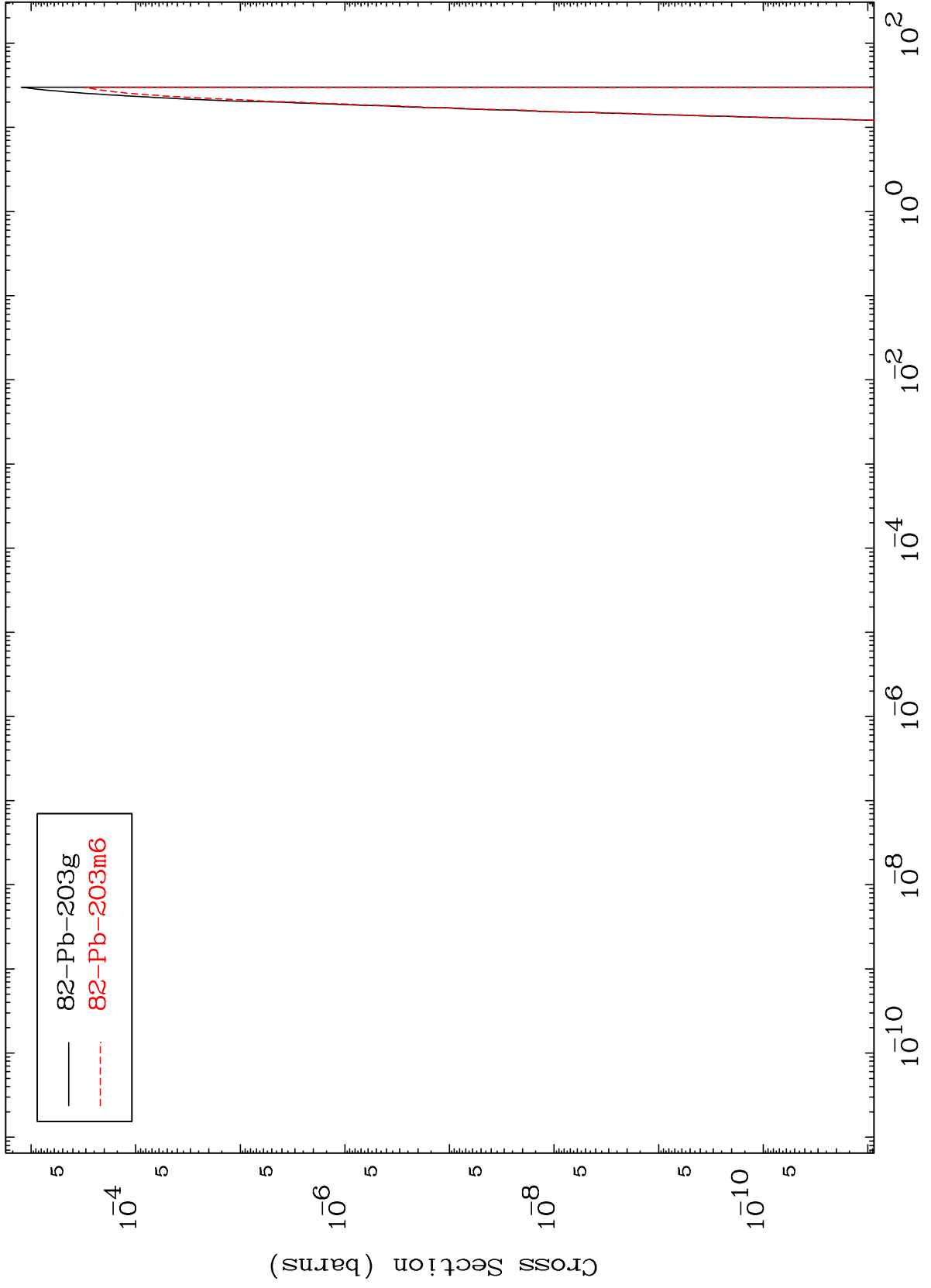
84-Po-205

MAT 8422

(n,He-3)

84-Po-205

Radionuclide Production Cross Section



150

Incident Energy (MeV)

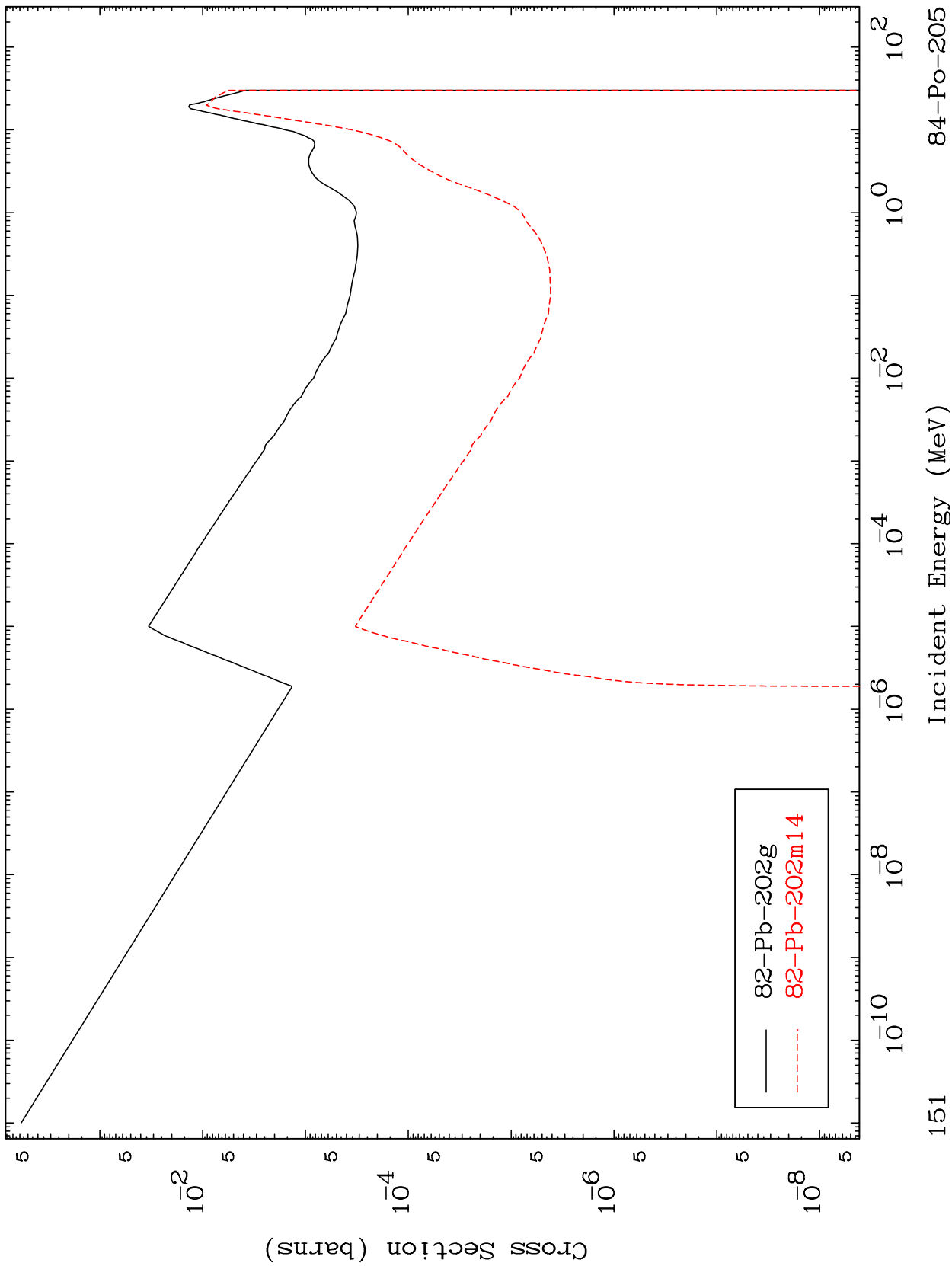
84-Po-205

MAT 8422

84-Po-205

Radionuclide Production Cross Section

(n, α)

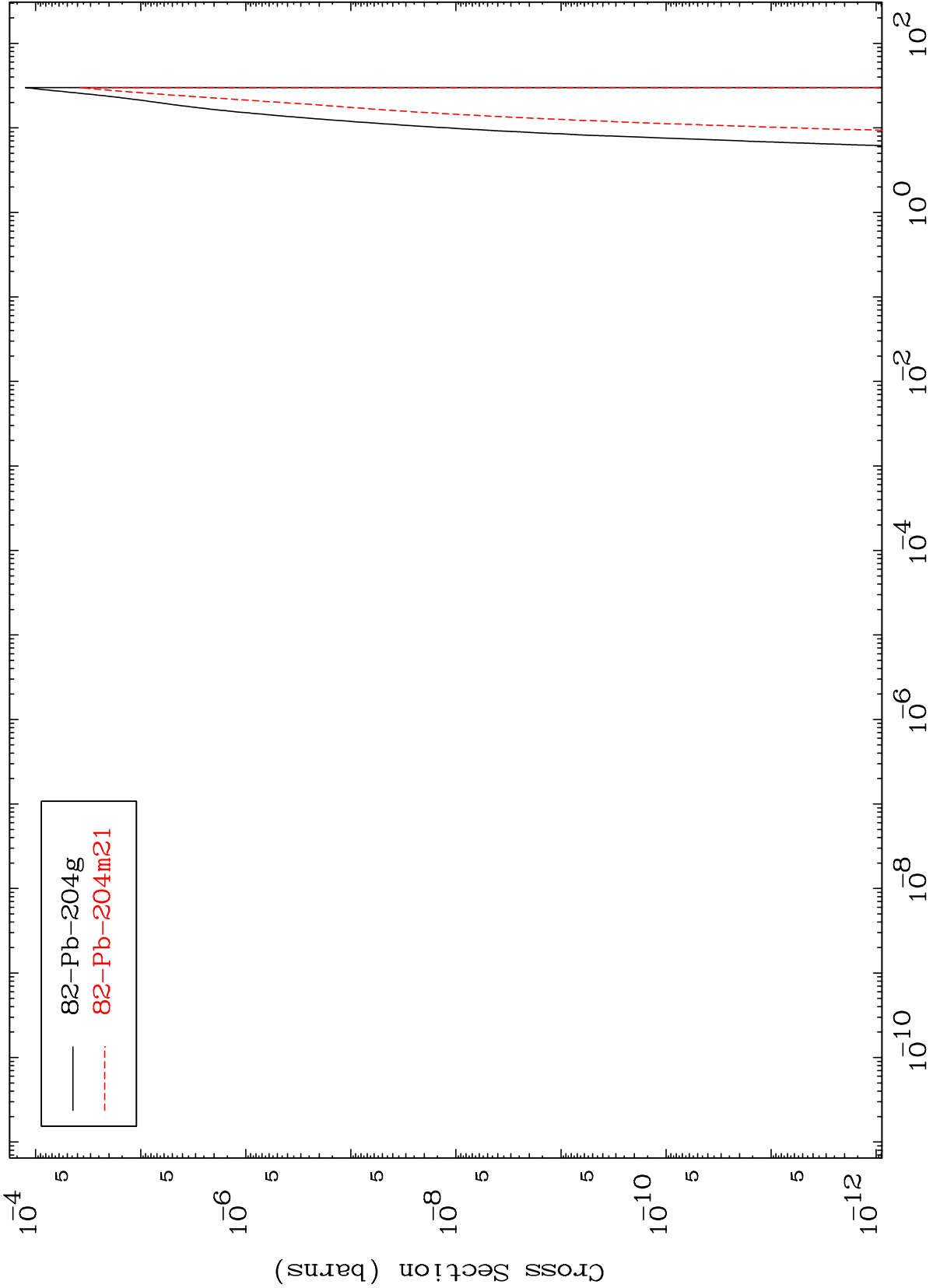


MAT 8422

(n,2p)

84-Po-205

Radionuclide Production Cross Section



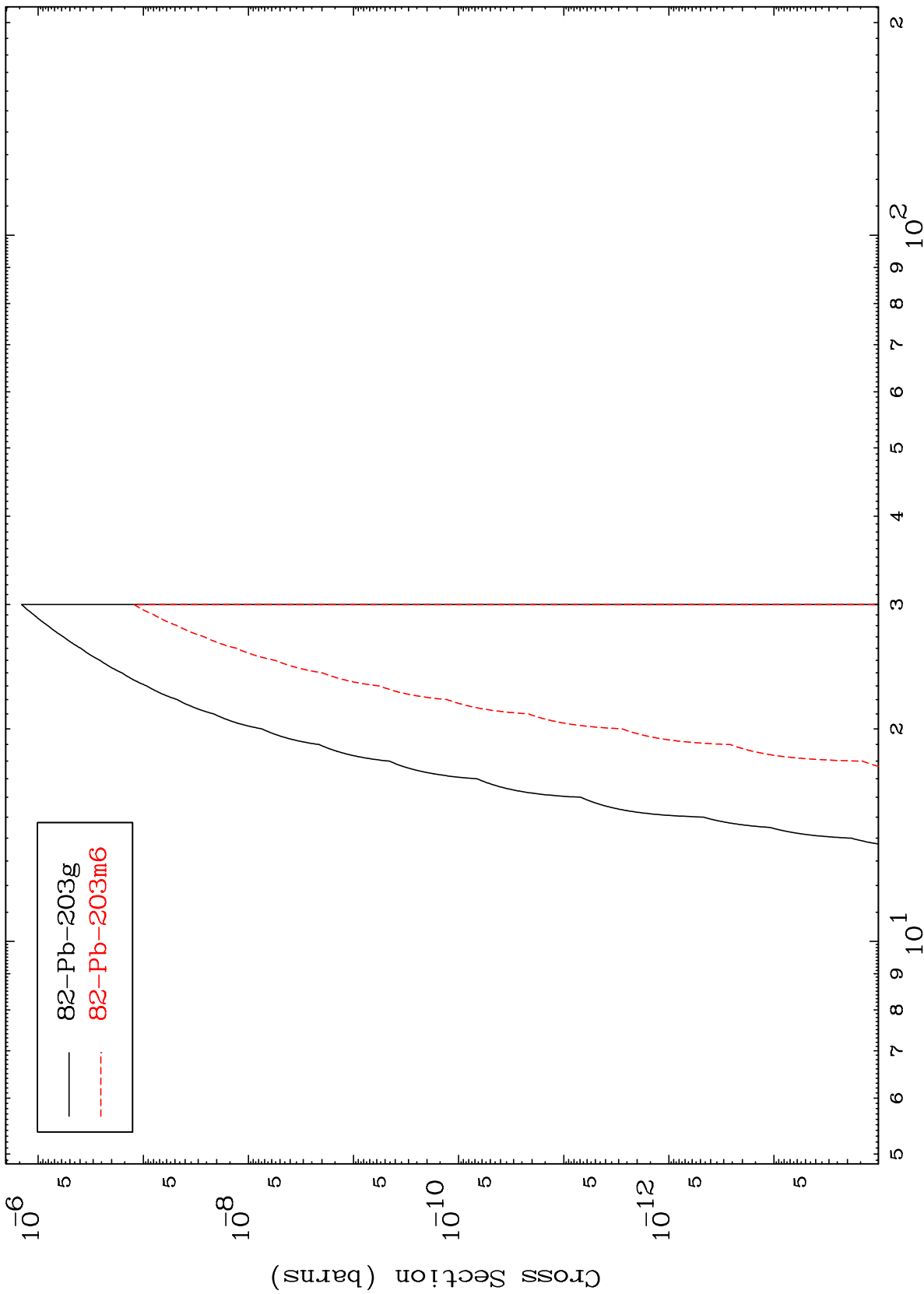
82-Pb-204g
82-Pb-204m21

MAT 8422

(n,p) d

84-Po-205

Radionuclide Production Cross Section



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

153

Incident Energy (MeV)

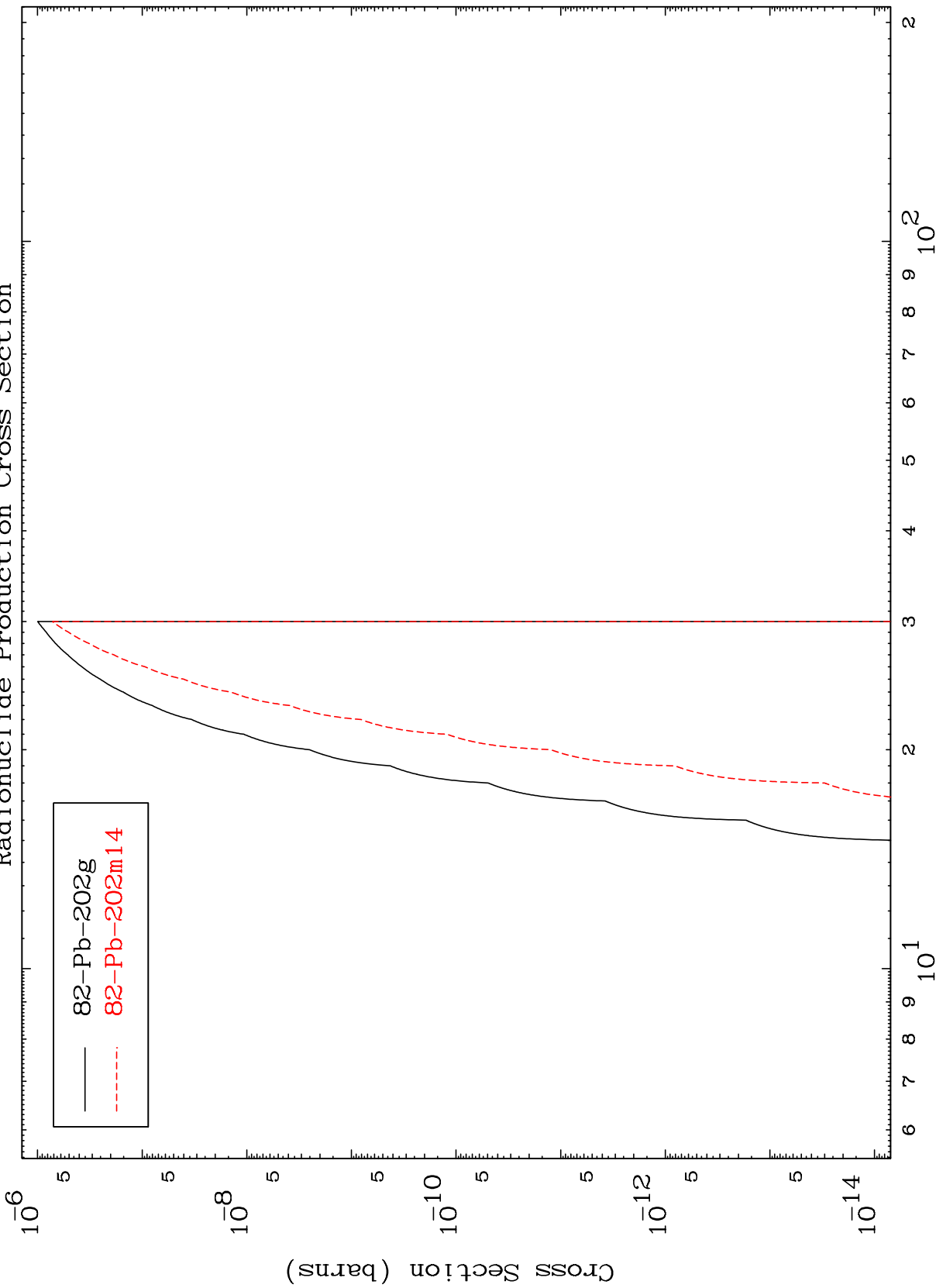
84-Po-205

MAT 8422

(n,p) t

84-Po-205

Radionuclide Production Cross Section



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

154

Incident Energy (MeV)

84-Po-205