

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

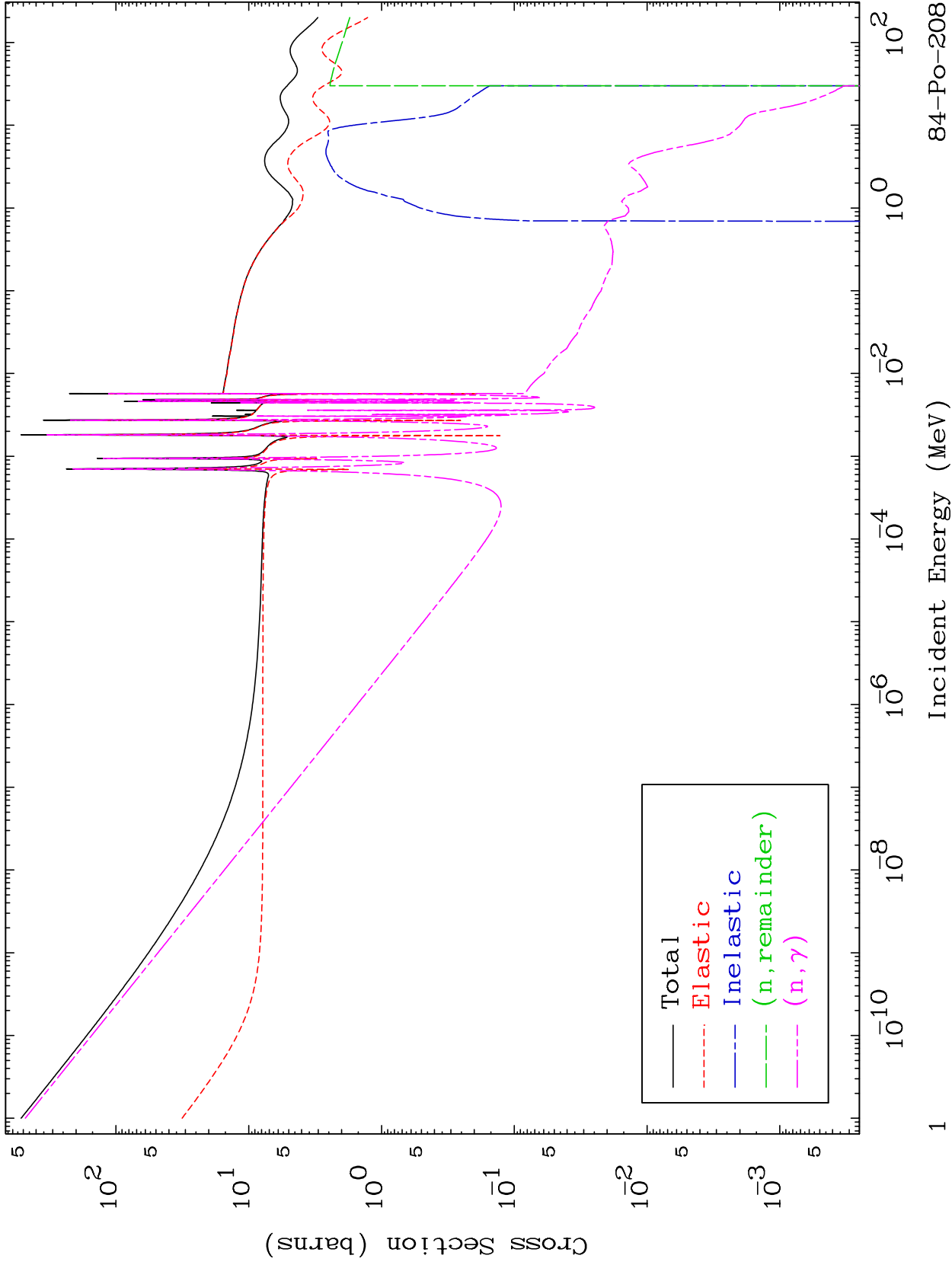
Press Mouse Button to Start

MAT 8431

Major

293 Kelvin Cross Sections

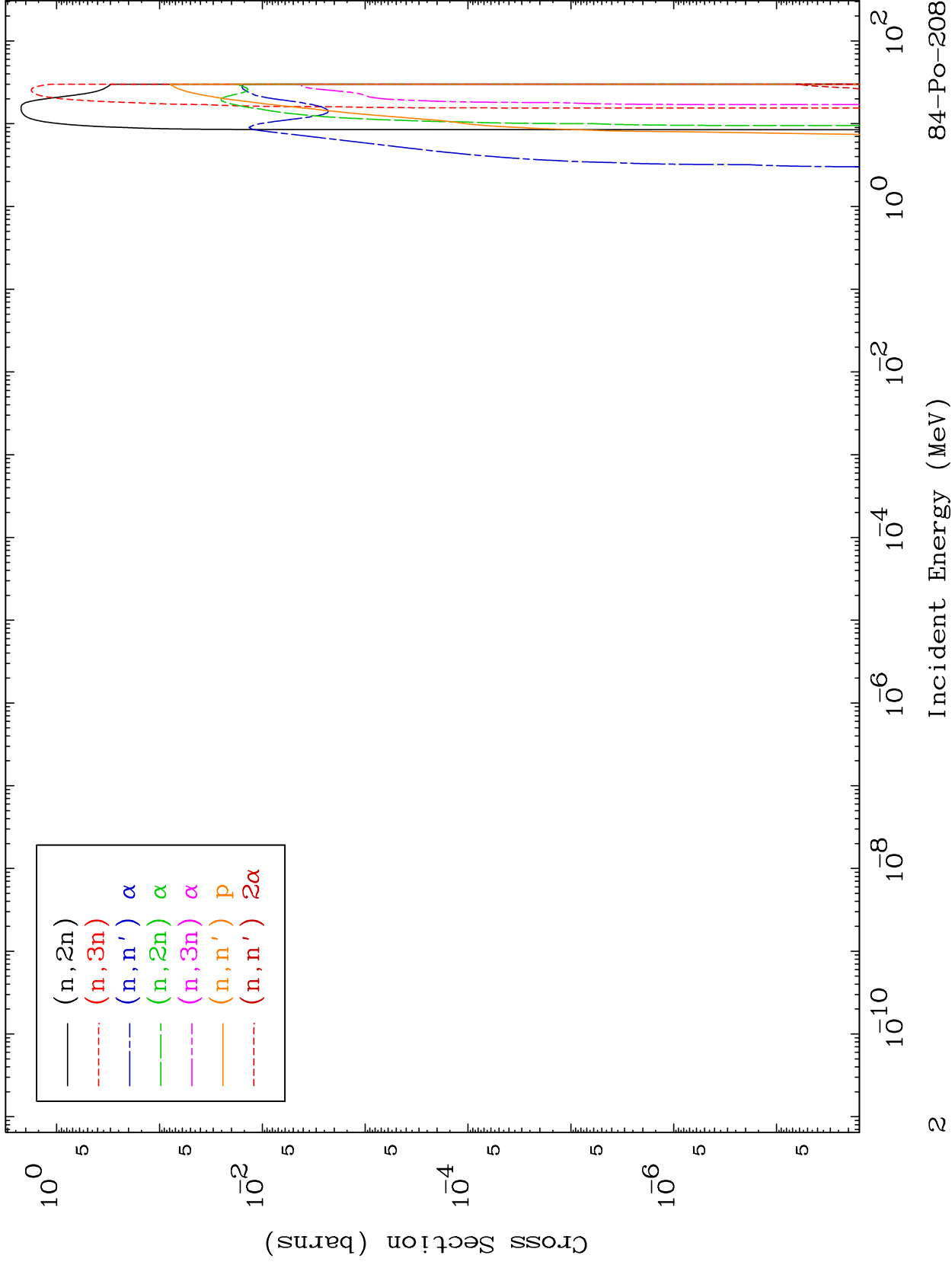
84-Po-208



MAT 8431

Neutron Production
293 Kelvin Cross Sections

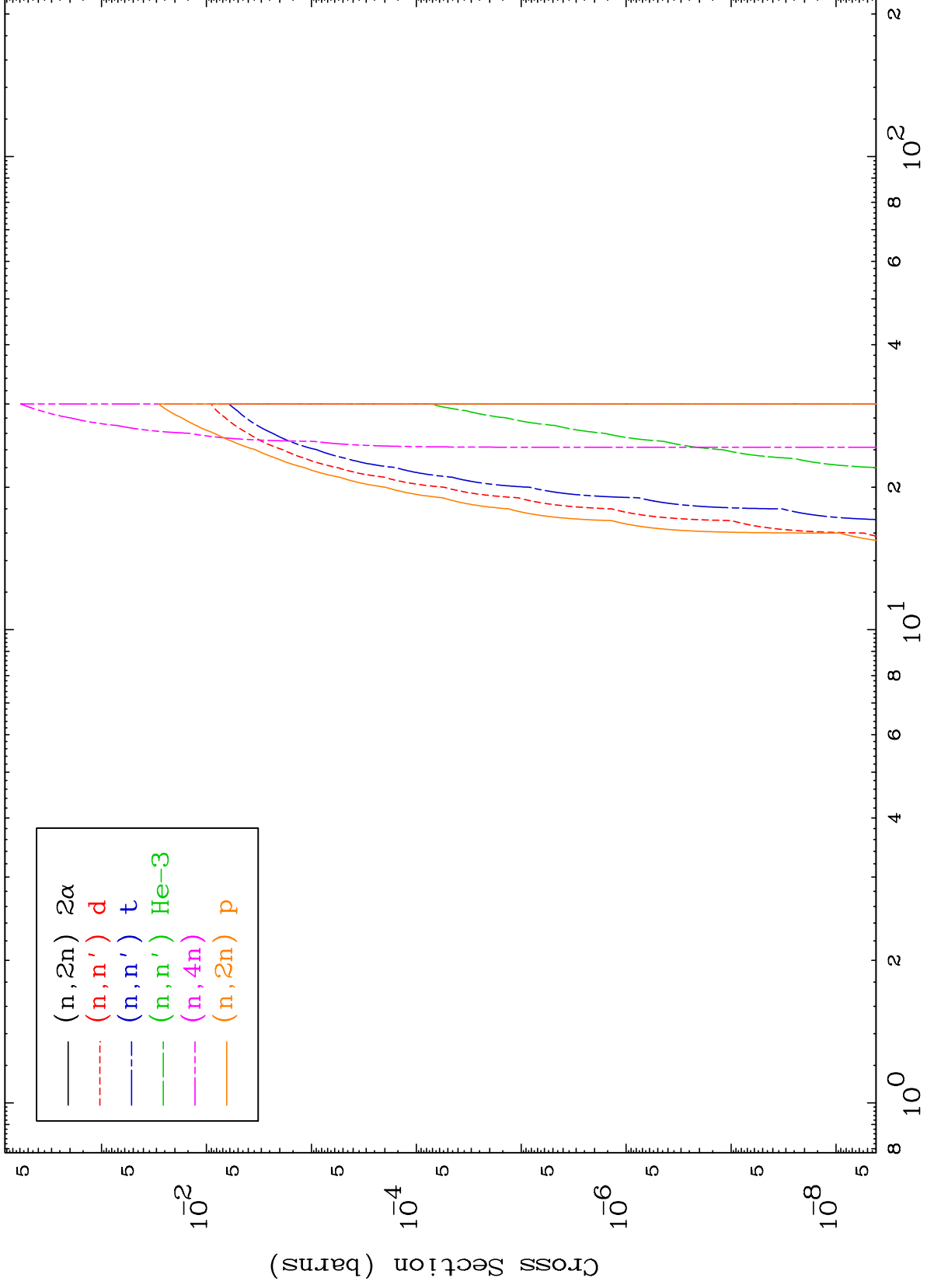
84-Po-208



MAT 8431

Neutron Production
293 Kelvin Cross Sections

84-Po-208



(n, 2n) 2 α
(n, n') d
(n, n') t
(n, n') He-3
(n, 4n)
(n, 2n) p

Incident Energy (MeV)

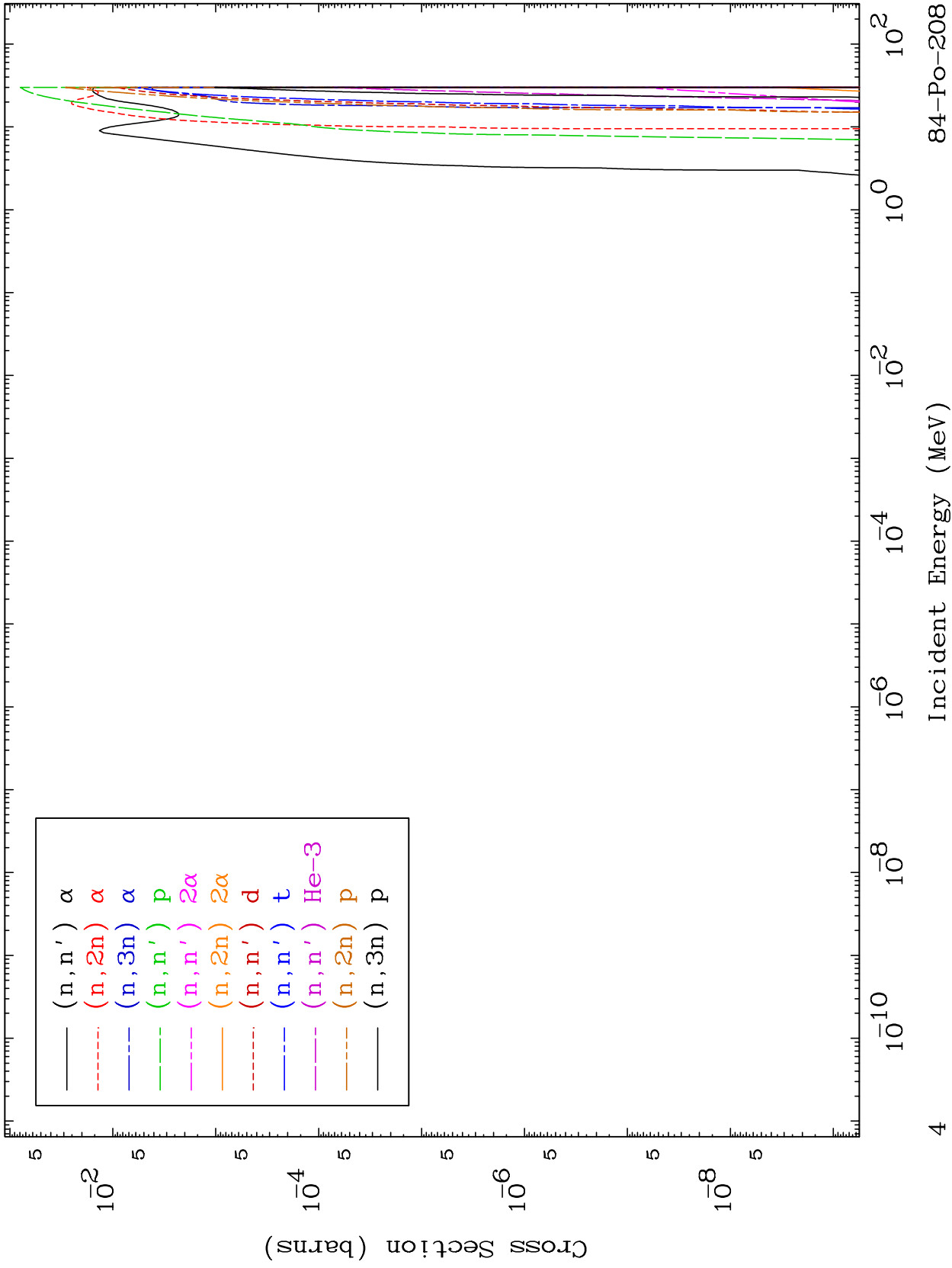
84-Po-208

3

MAT 8431

Charged Particle
293 Kelvin Cross Sections

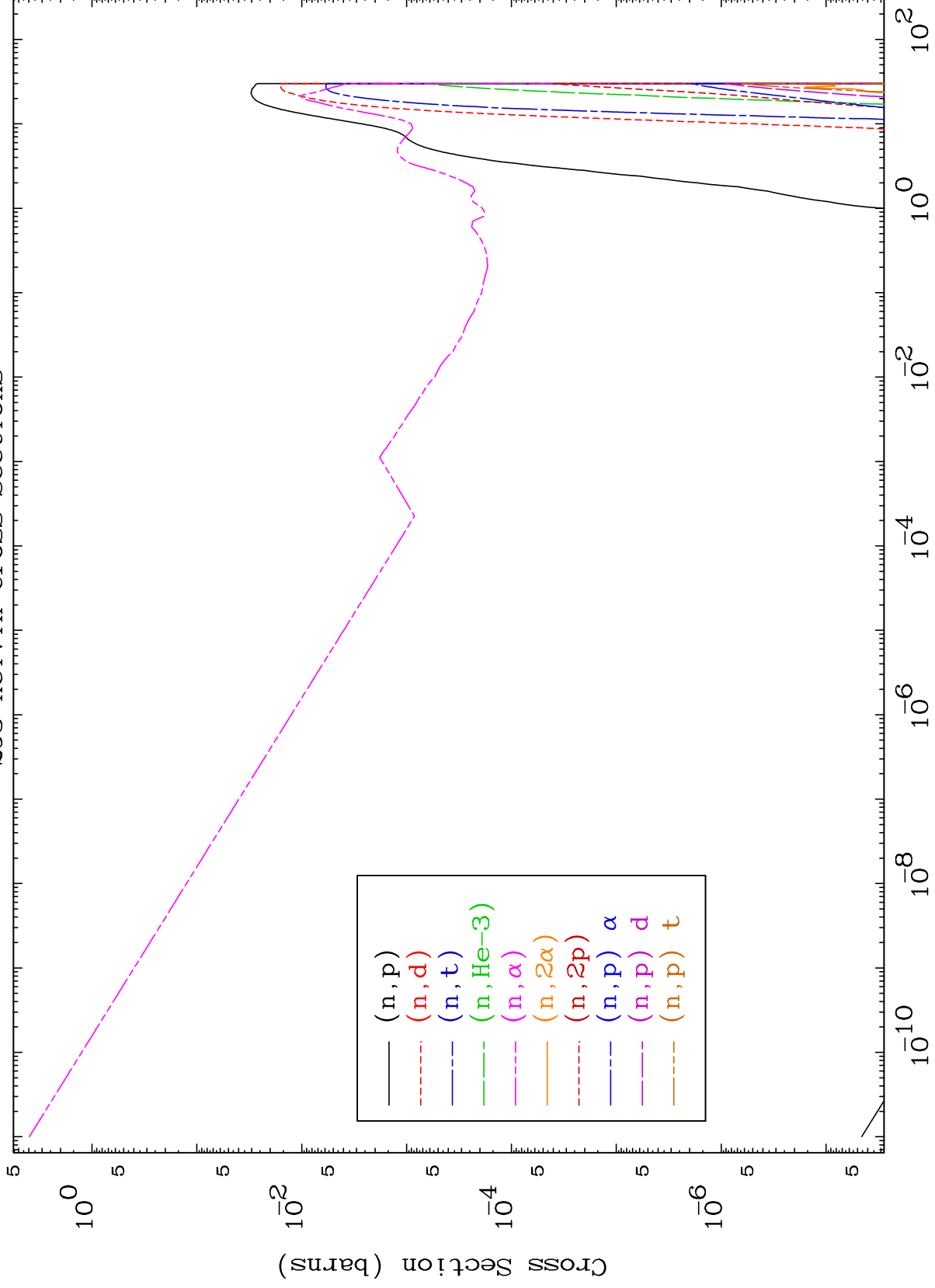
84-Po-208



MAT 8431

Charged Particle
293 Kelvin Cross Sections

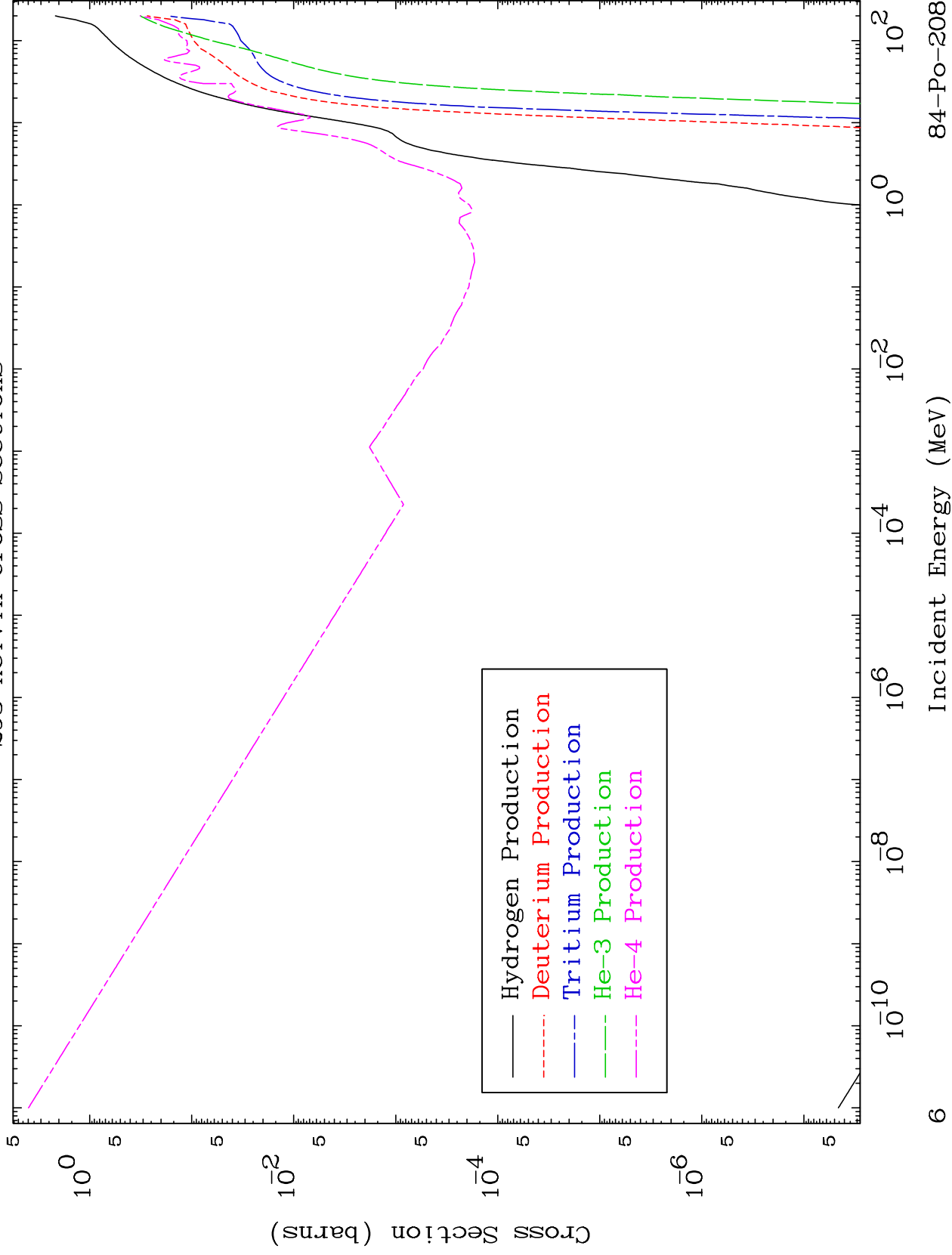
84-Po-208



MAT 8431

Particle Production
293 Kelvin Cross Sections

84-Po-208

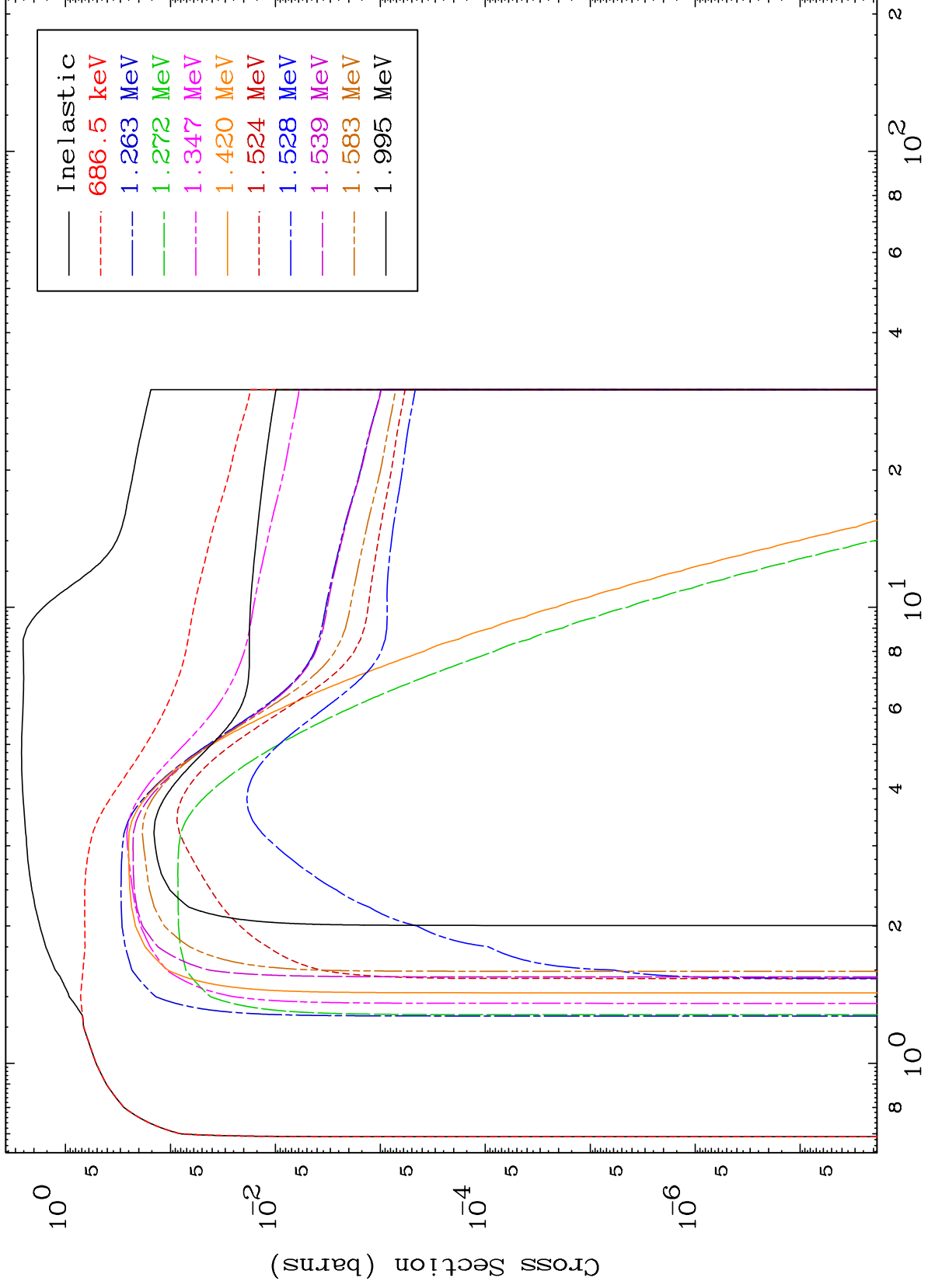


MAT 8431

(n,n') Level

84-Po-208

293 Kelvin Cross Sections



7

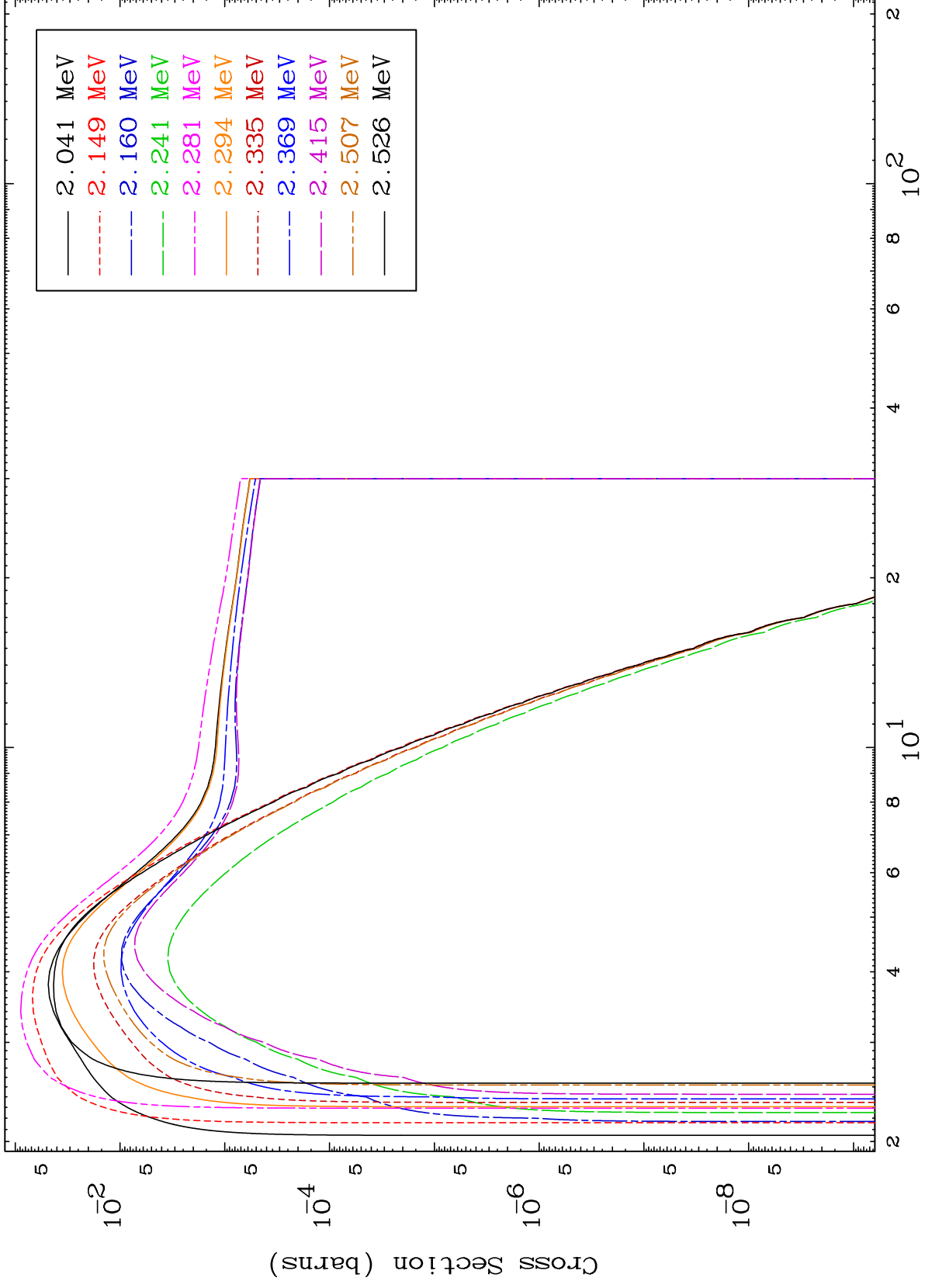
Incident Energy (MeV)

84-Po-208

MAT 8431

(n,n') Level
293 Kelvin Cross Sections

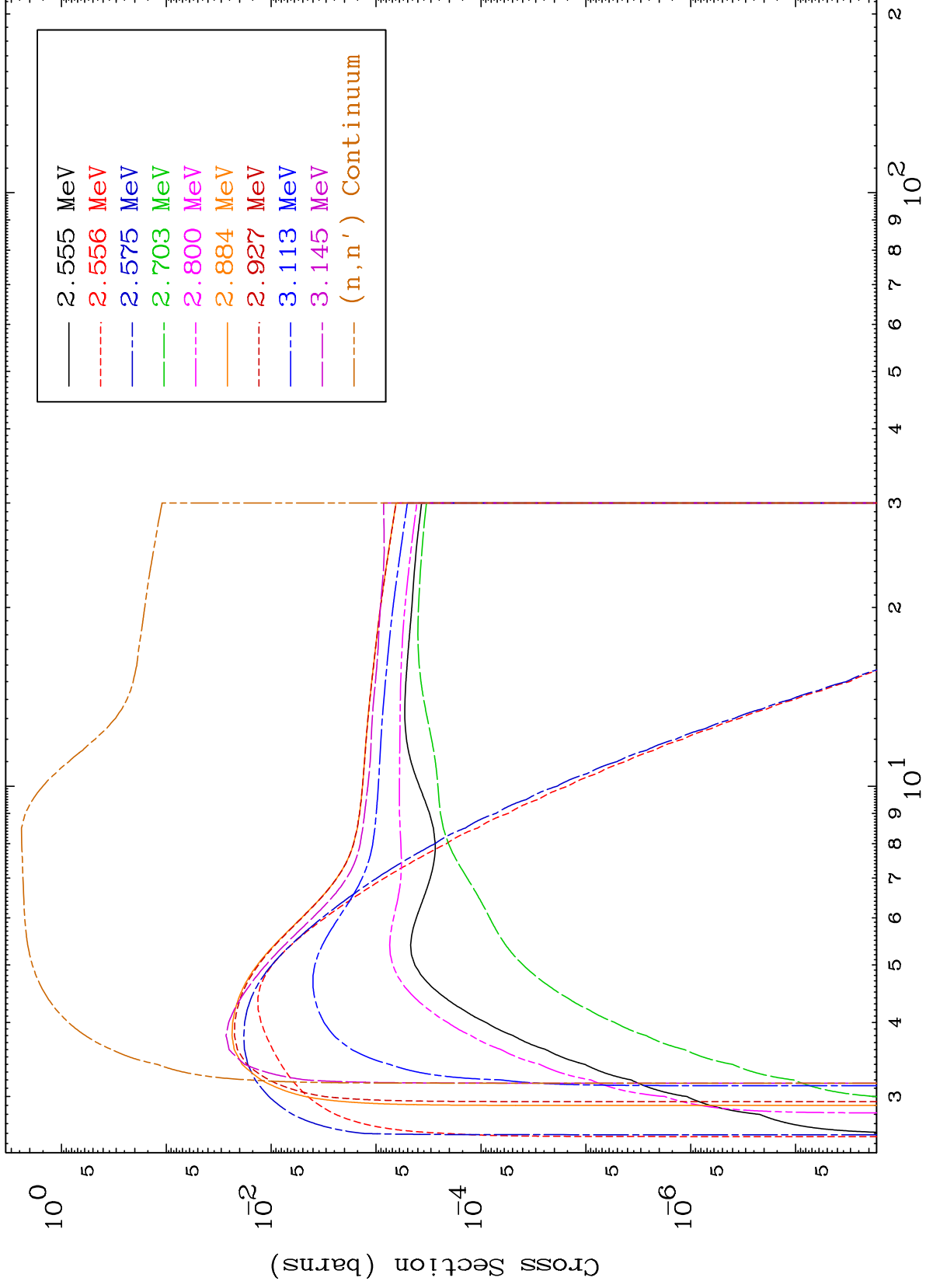
84-Po-208



8

Incident Energy (MeV)

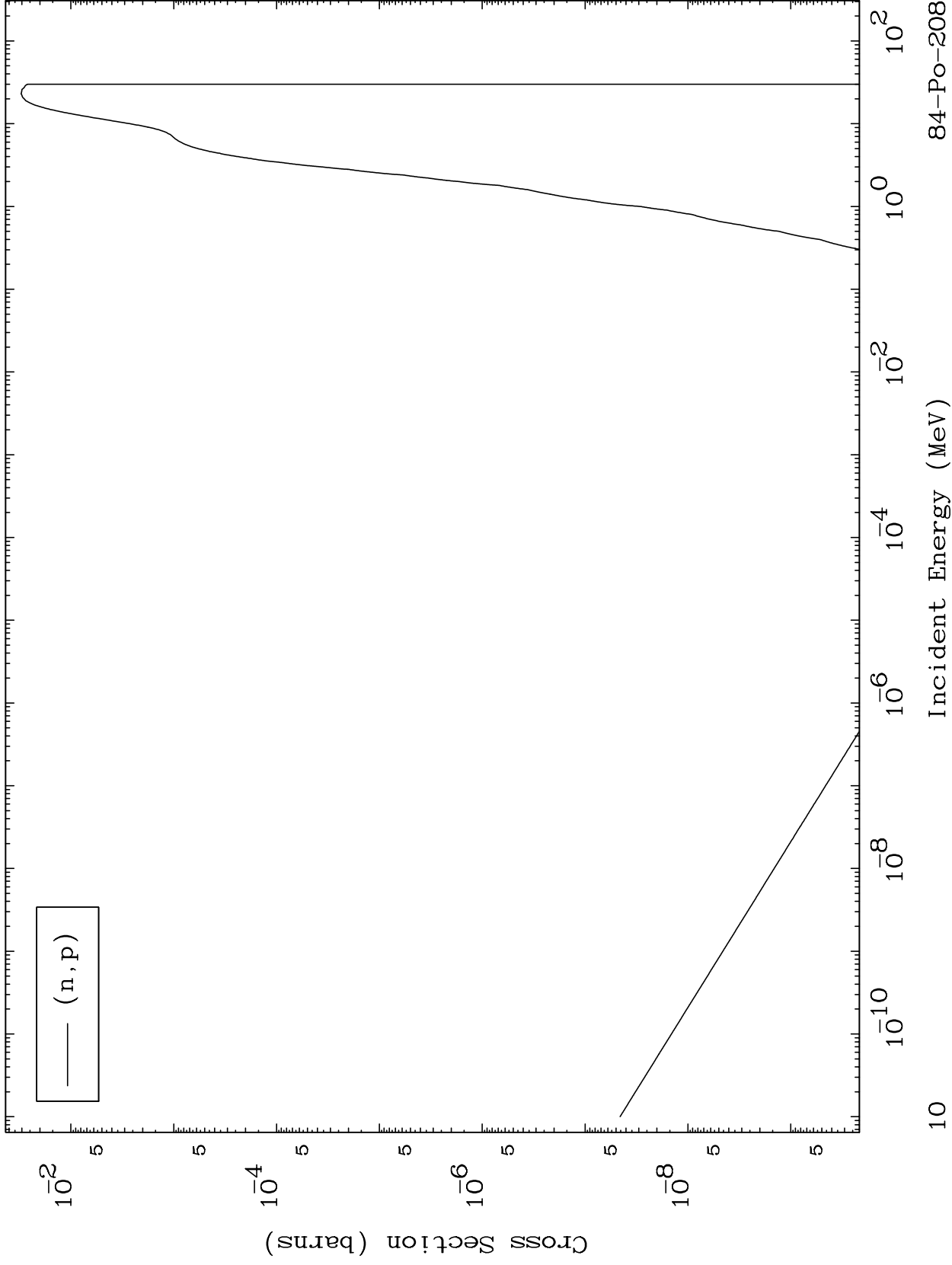
84-Po-208



MAT 8431

(n,p) Levels
293 Kelvin Cross Sections

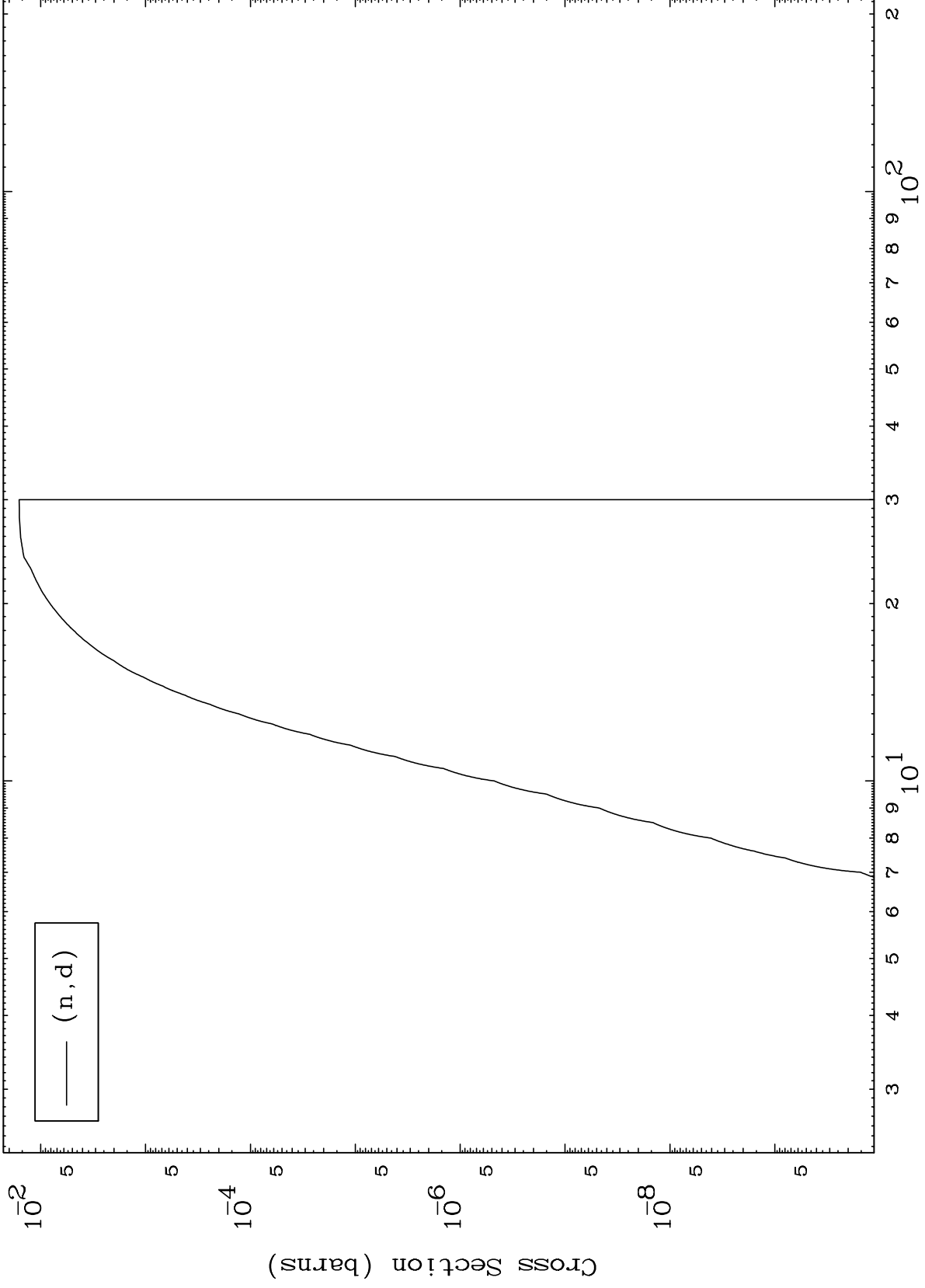
84-Po-208



MAT 8431

(n,d) Levels
293 Kelvin Cross Sections

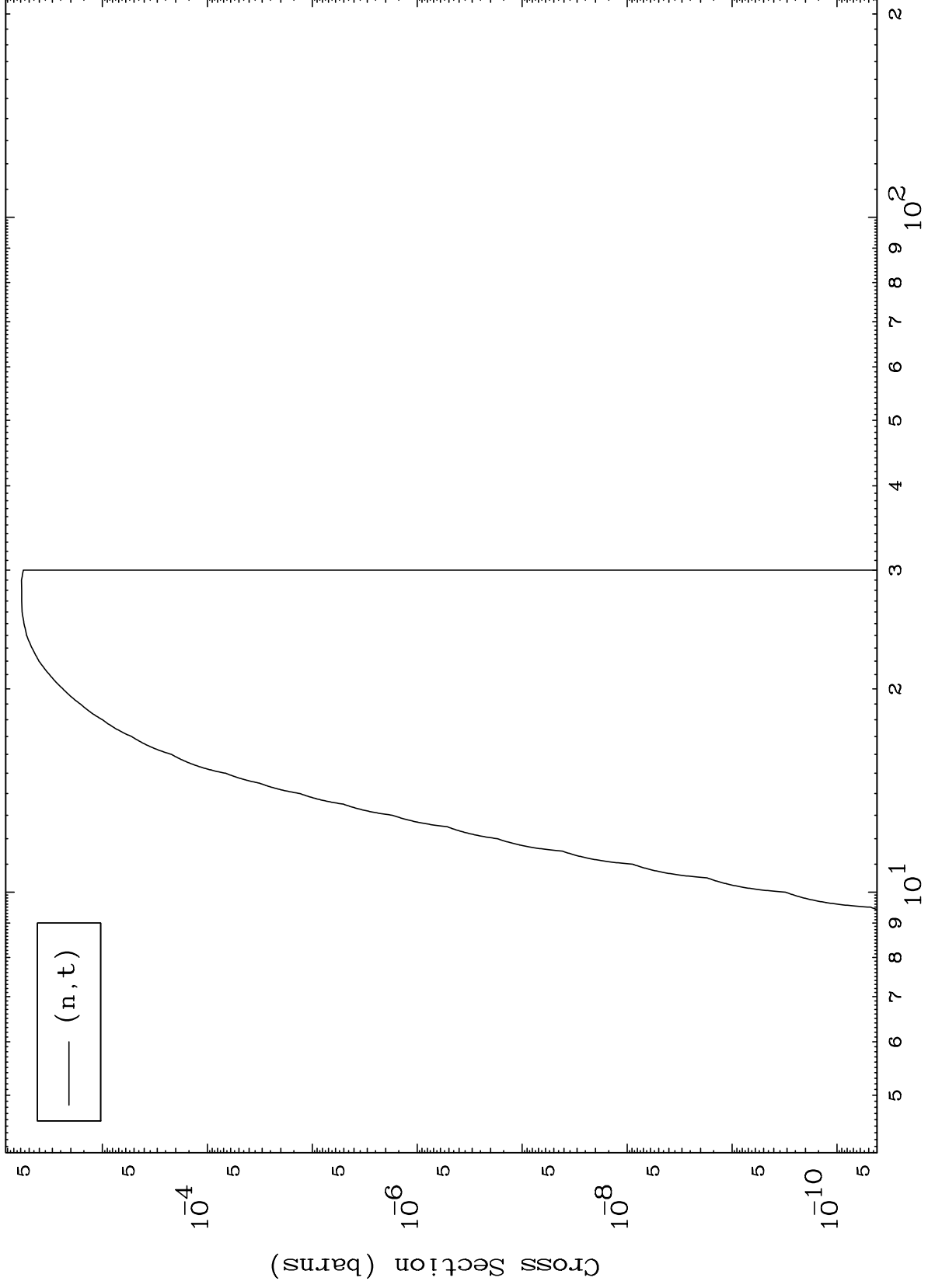
84-Po-208



MAT 8431

(n,t) Levels
293 Kelvin Cross Sections

84-Po-208



12

Incident Energy (MeV)

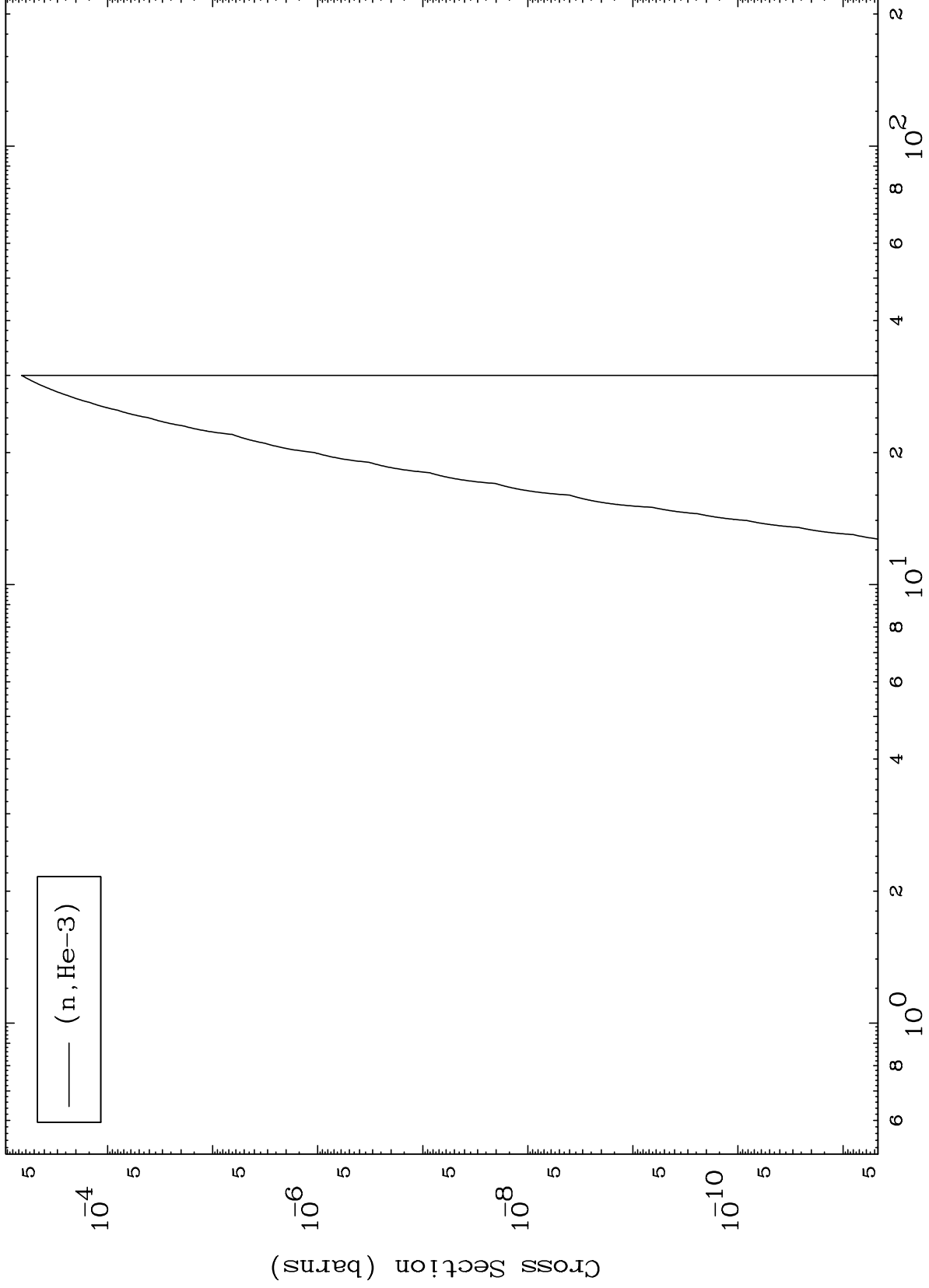
84-Po-208

MAT 8431

(n,He3) Levels

84-Po-208

293 Kelvin Cross Sections



13

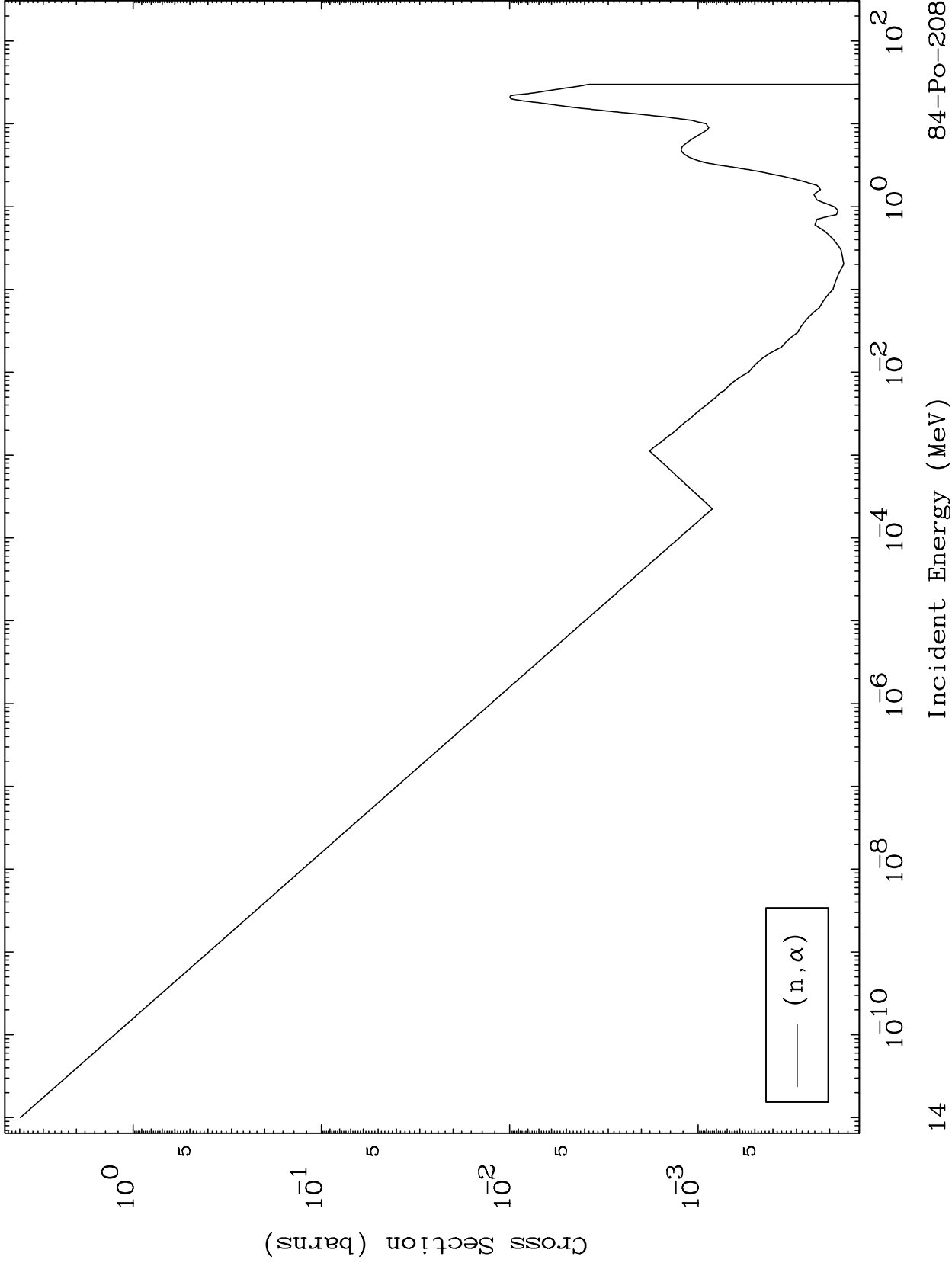
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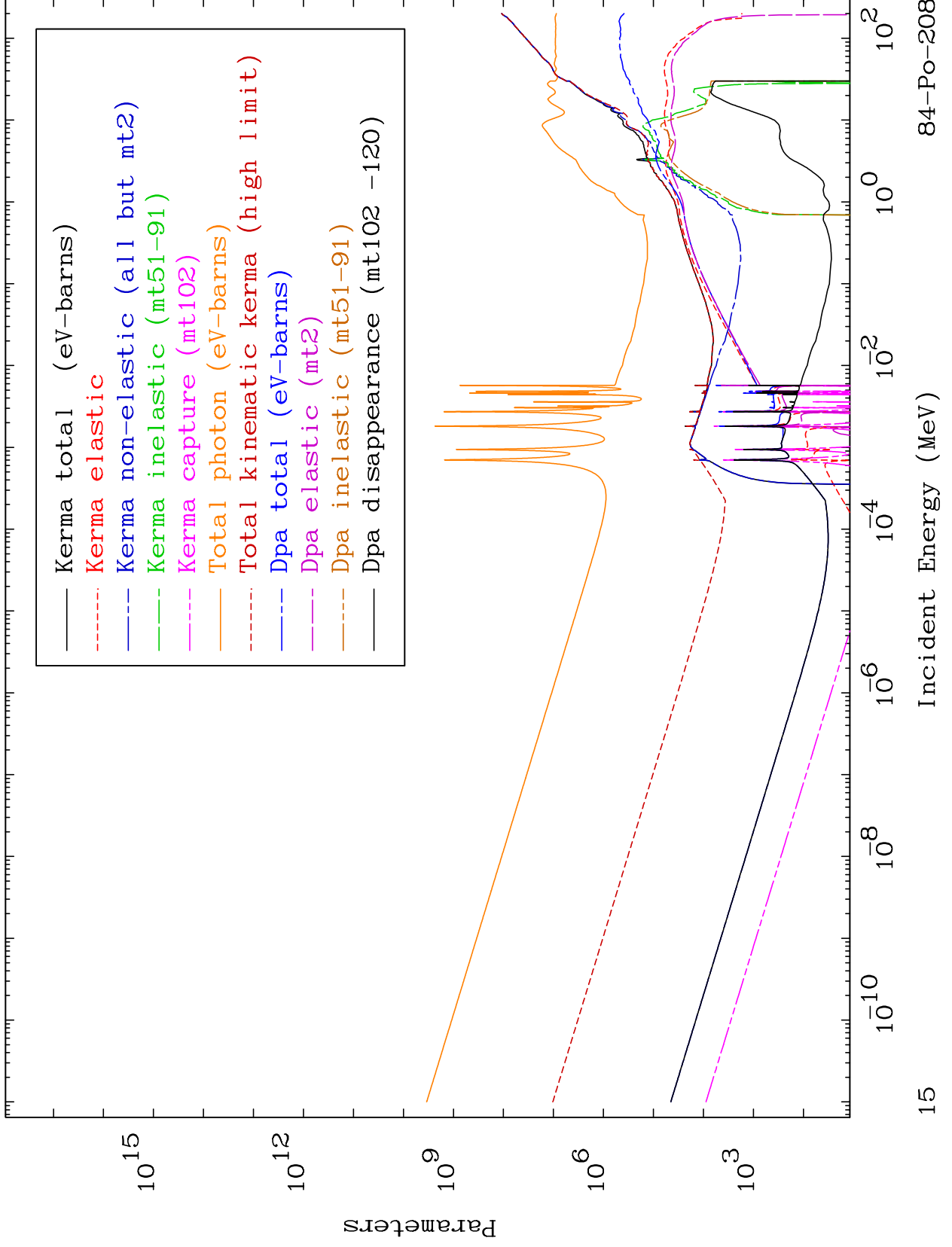
84-Po-208

MAT 8431

(n,α) Levels
293 Kelvin Cross Sections

84-Po-208

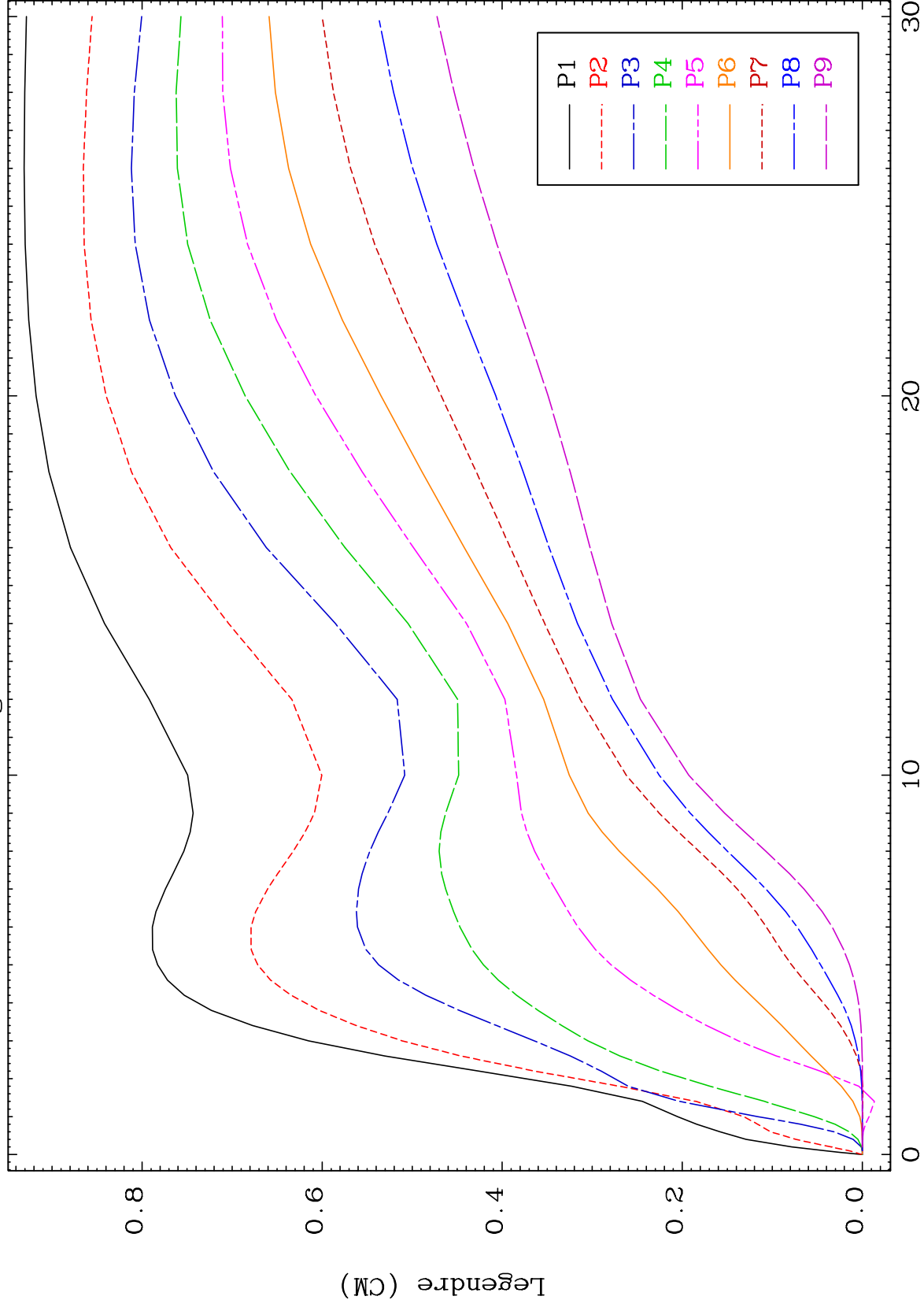




MAT 8431

Elastic Legendre Coefficients

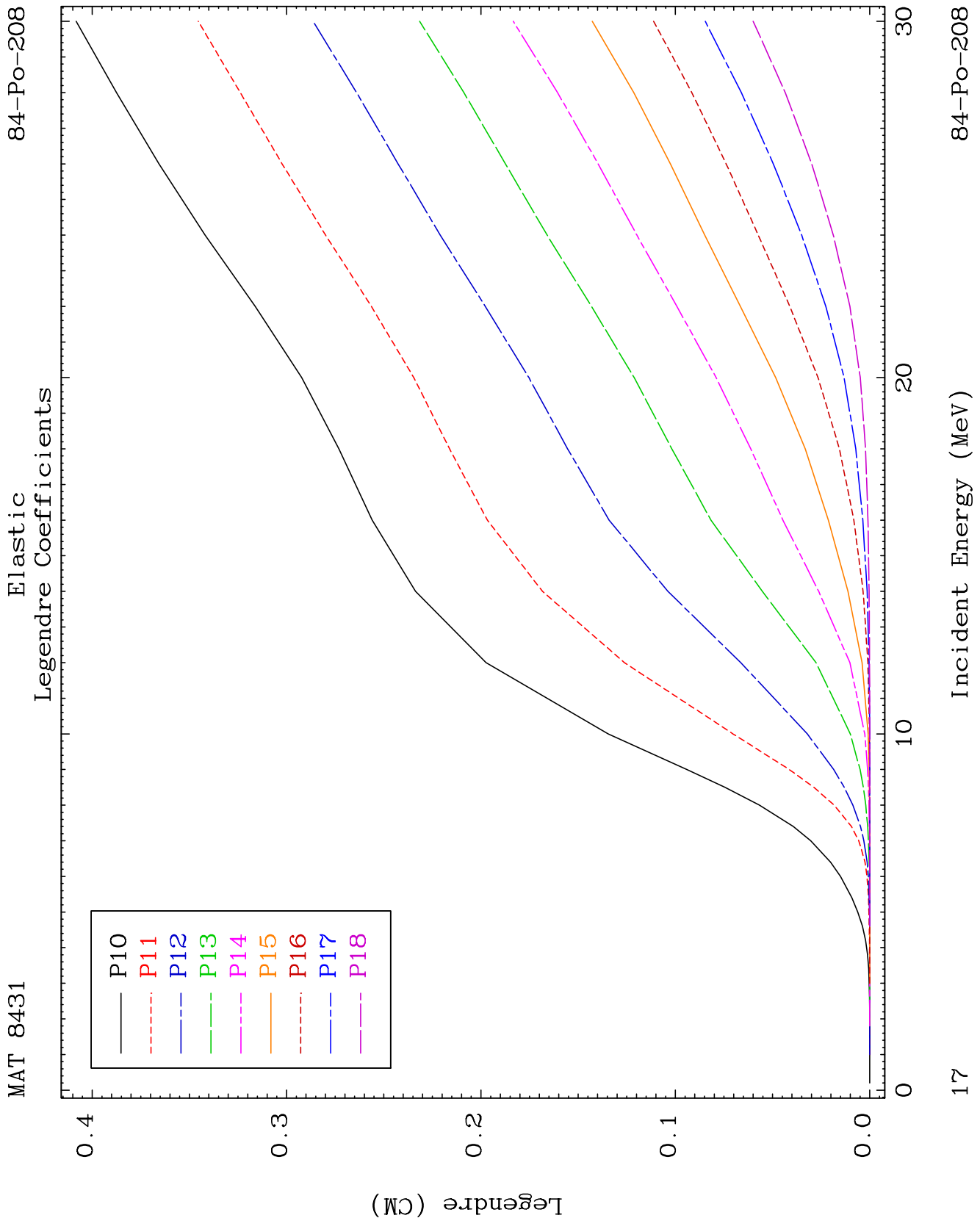
84-Po-208



16

Incident Energy (MeV)

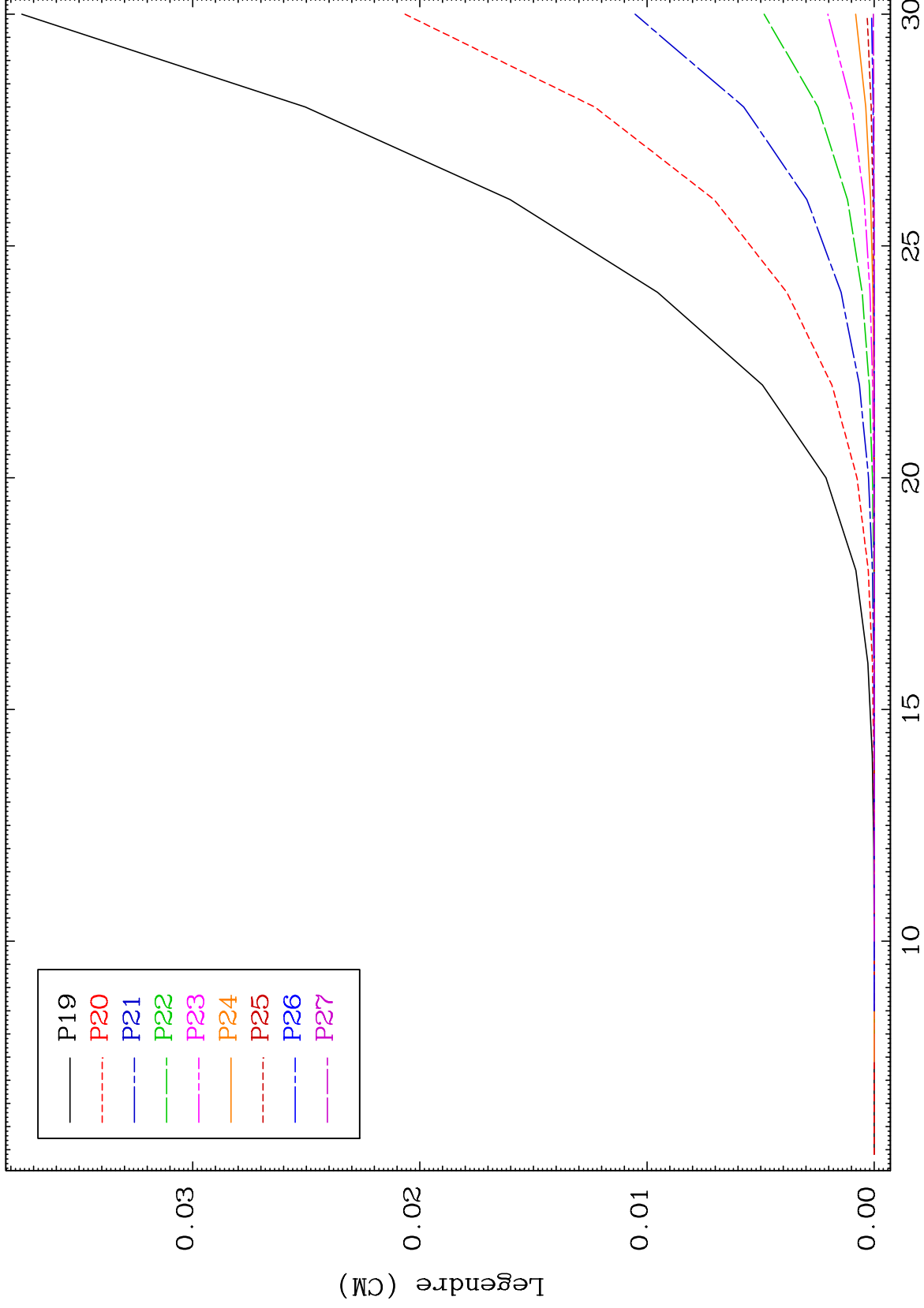
84-Po-208



MAT 8431

Elastic Legendre Coefficients

84-Po-208



18

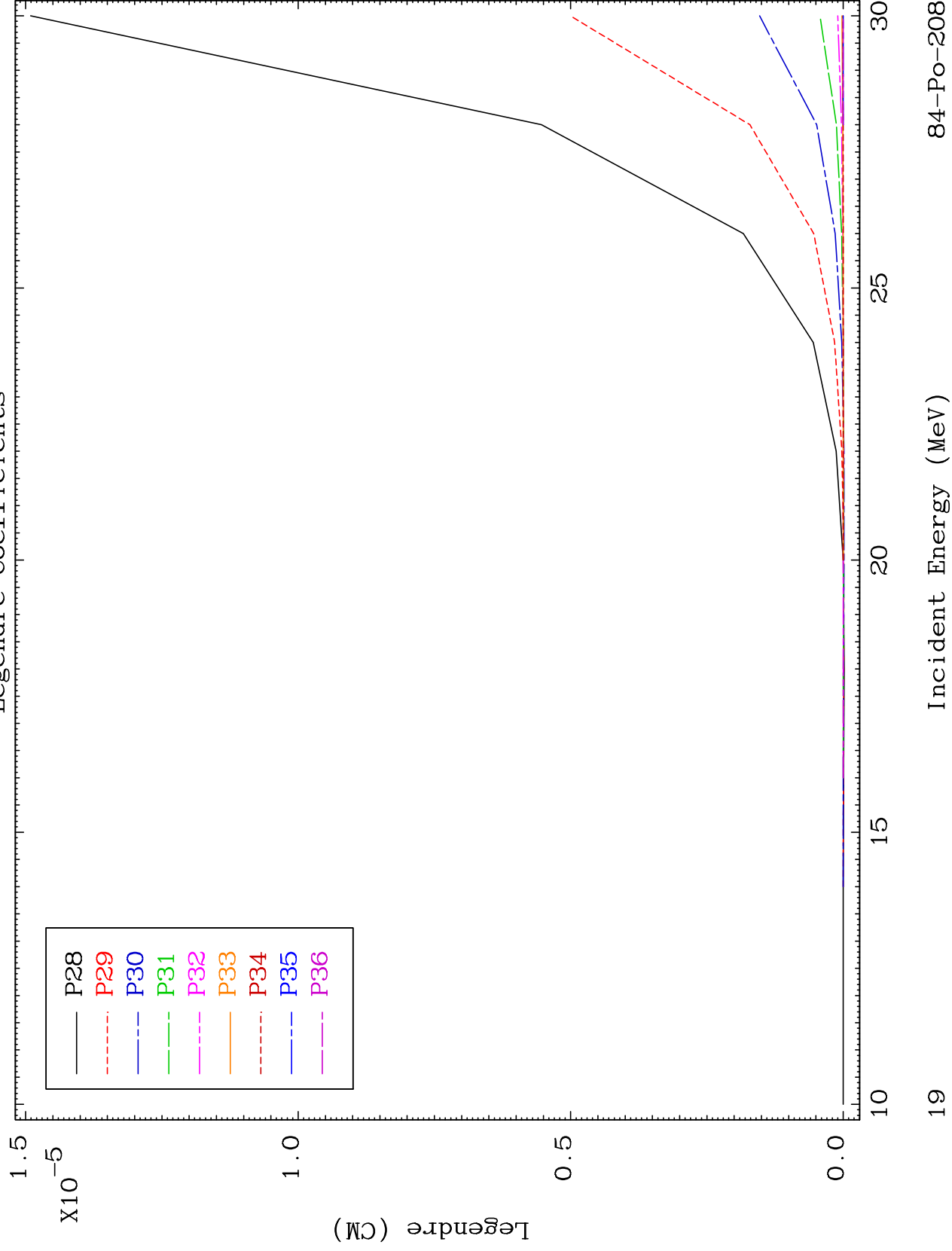
Incident Energy (MeV)

84-Po-208

MAT 8431

Elastic
Legendre Coefficients

84-Po-208



19

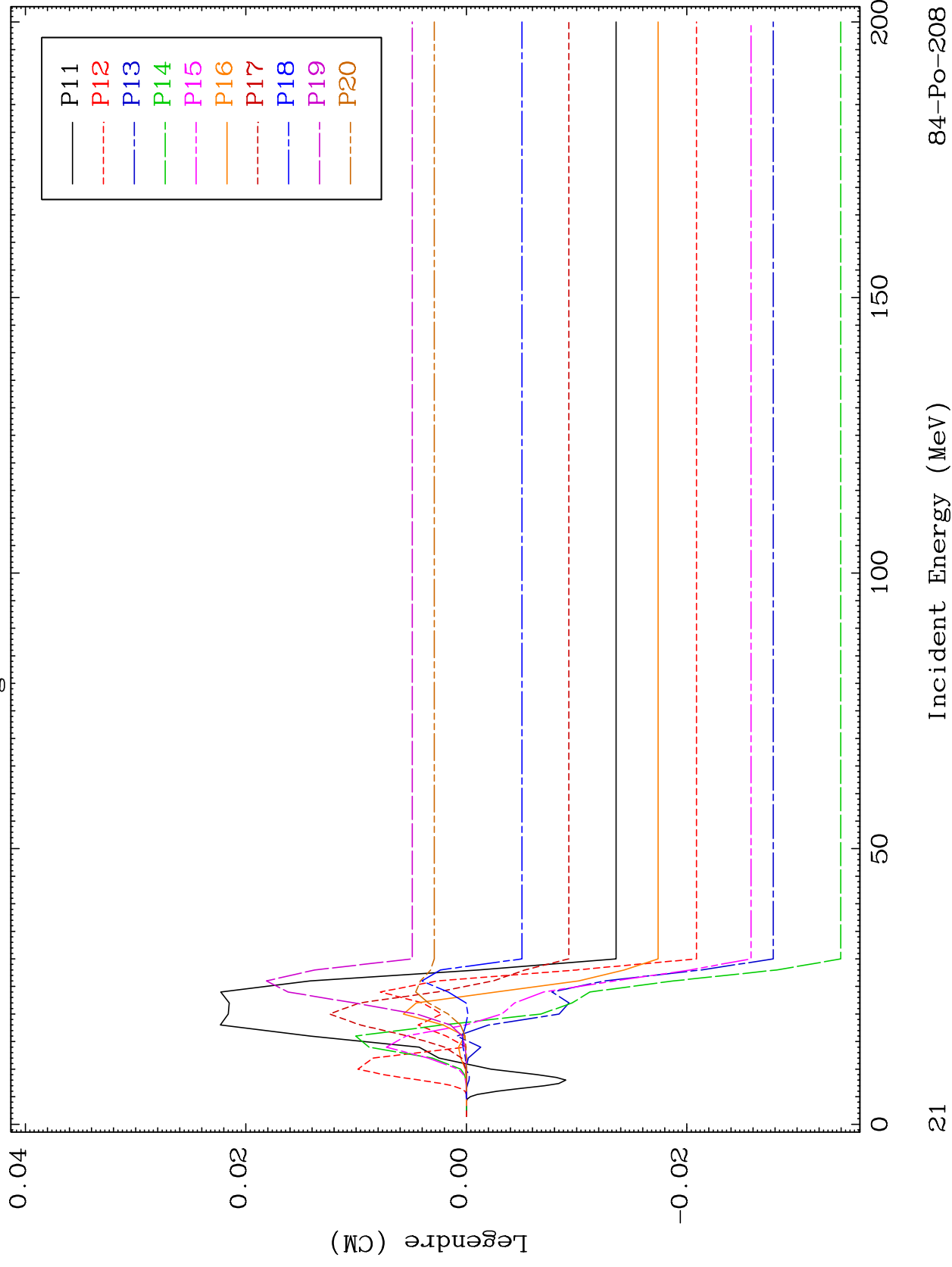
Incident Energy (MeV)

84-Po-208

MAT 8431

686.5 keV (n,n') Level
Legendre Coefficients

84-Po-208



21

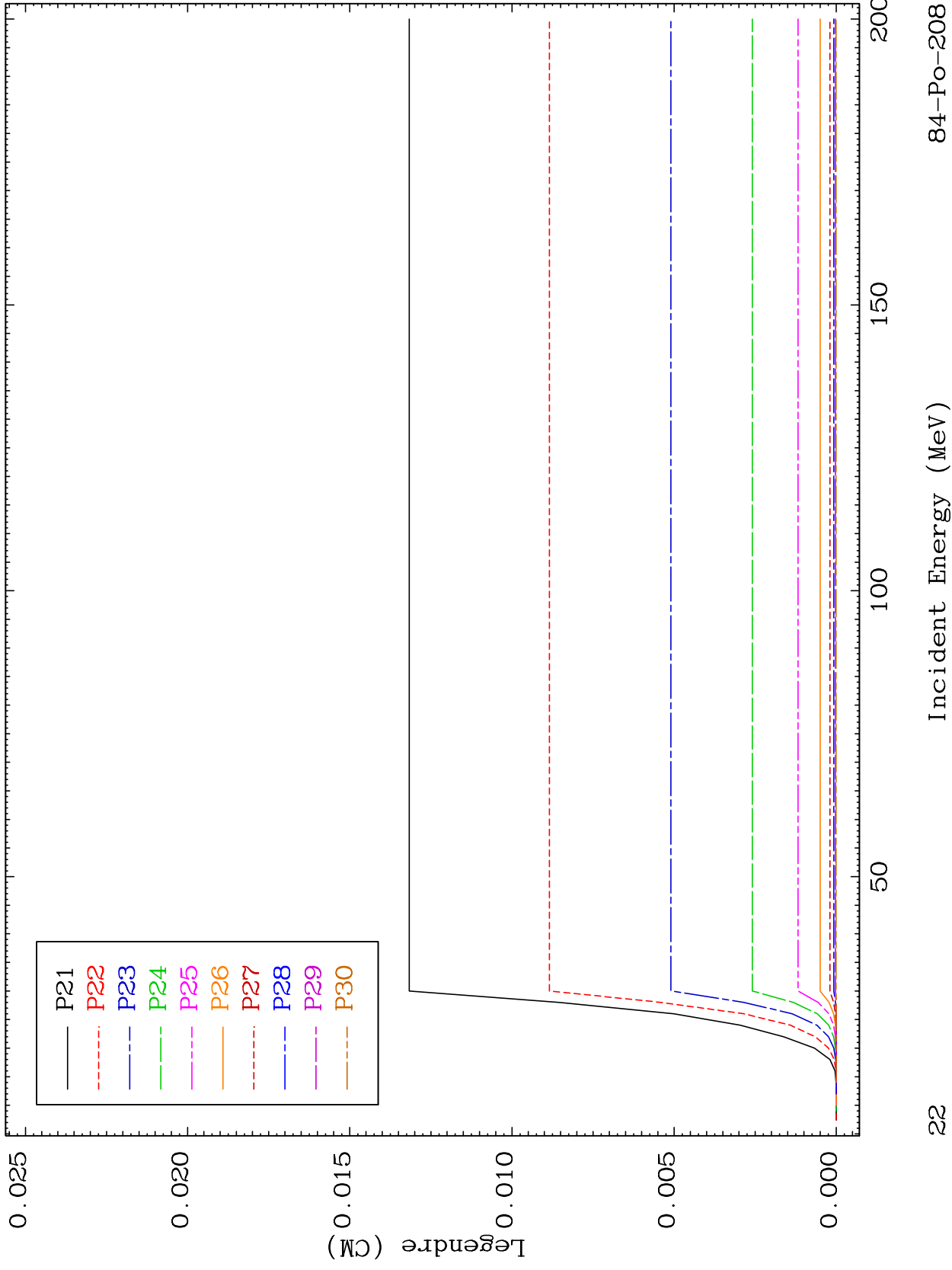
Incident Energy (MeV)

84-Po-208

MAT 8431

686.5 keV (n,n') Level
Legendre Coefficients

84-Po-208



22

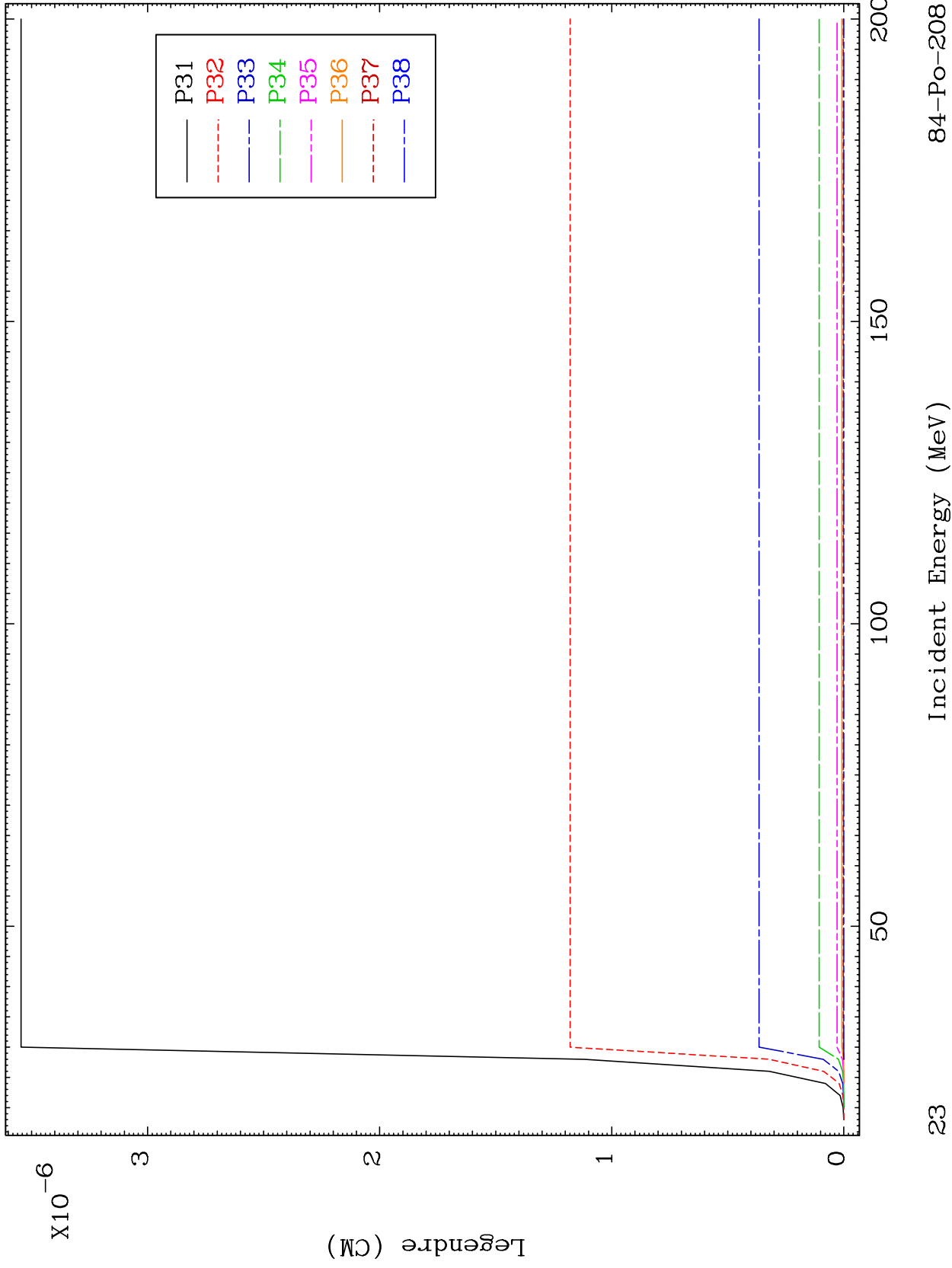
Incident Energy (MeV)

84-Po-208

MAT 8431

686.5 keV (n,n') Level
Legendre Coefficients

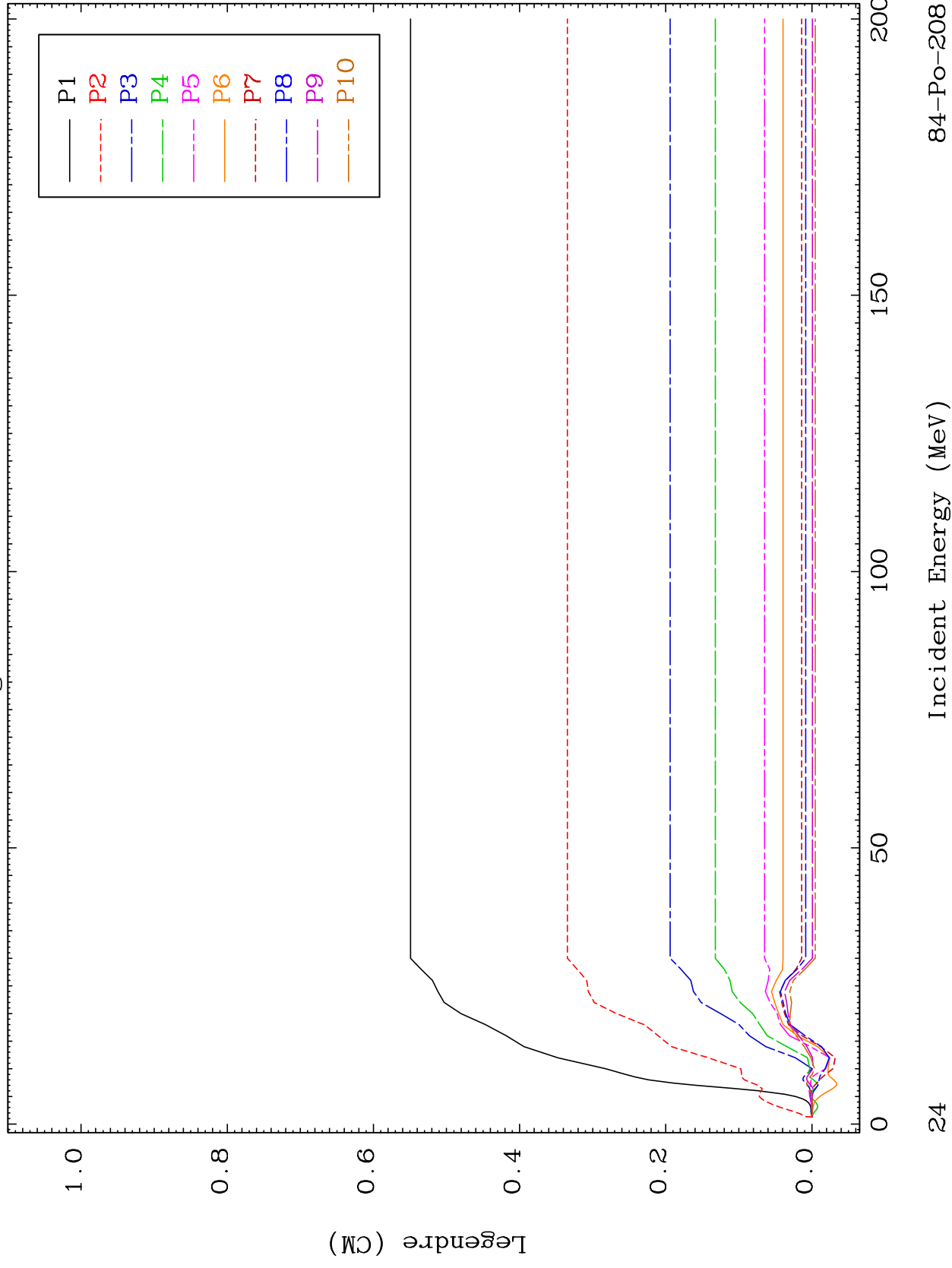
84-Po-208



MAT 8431

1.263 MeV (n,n') Level
Legendre Coefficients

84-Po-208



84-Po-208

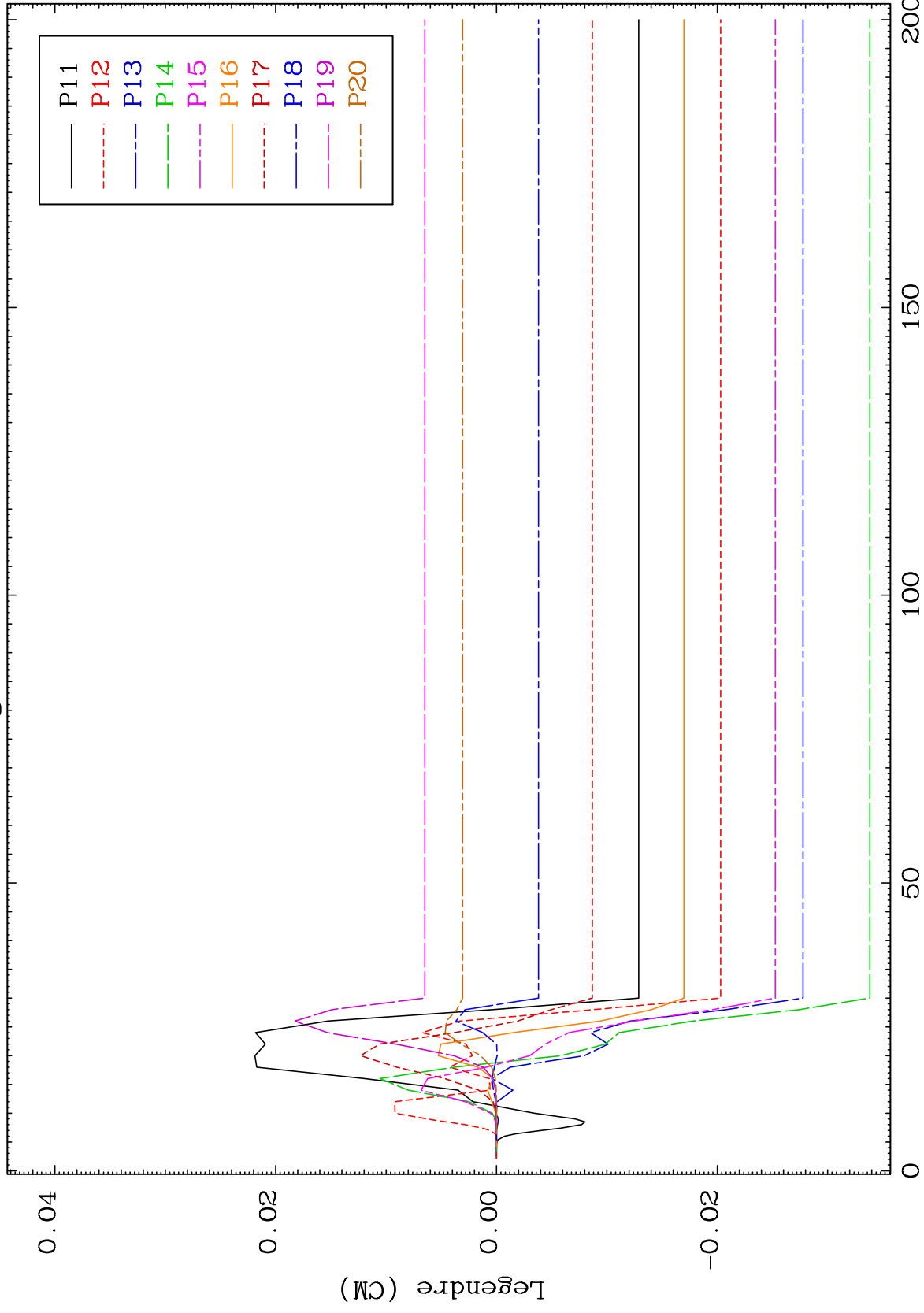
Incident Energy (MeV)

24

MAT 8431

1.263 MeV (n,n') Level
Legendre Coefficients

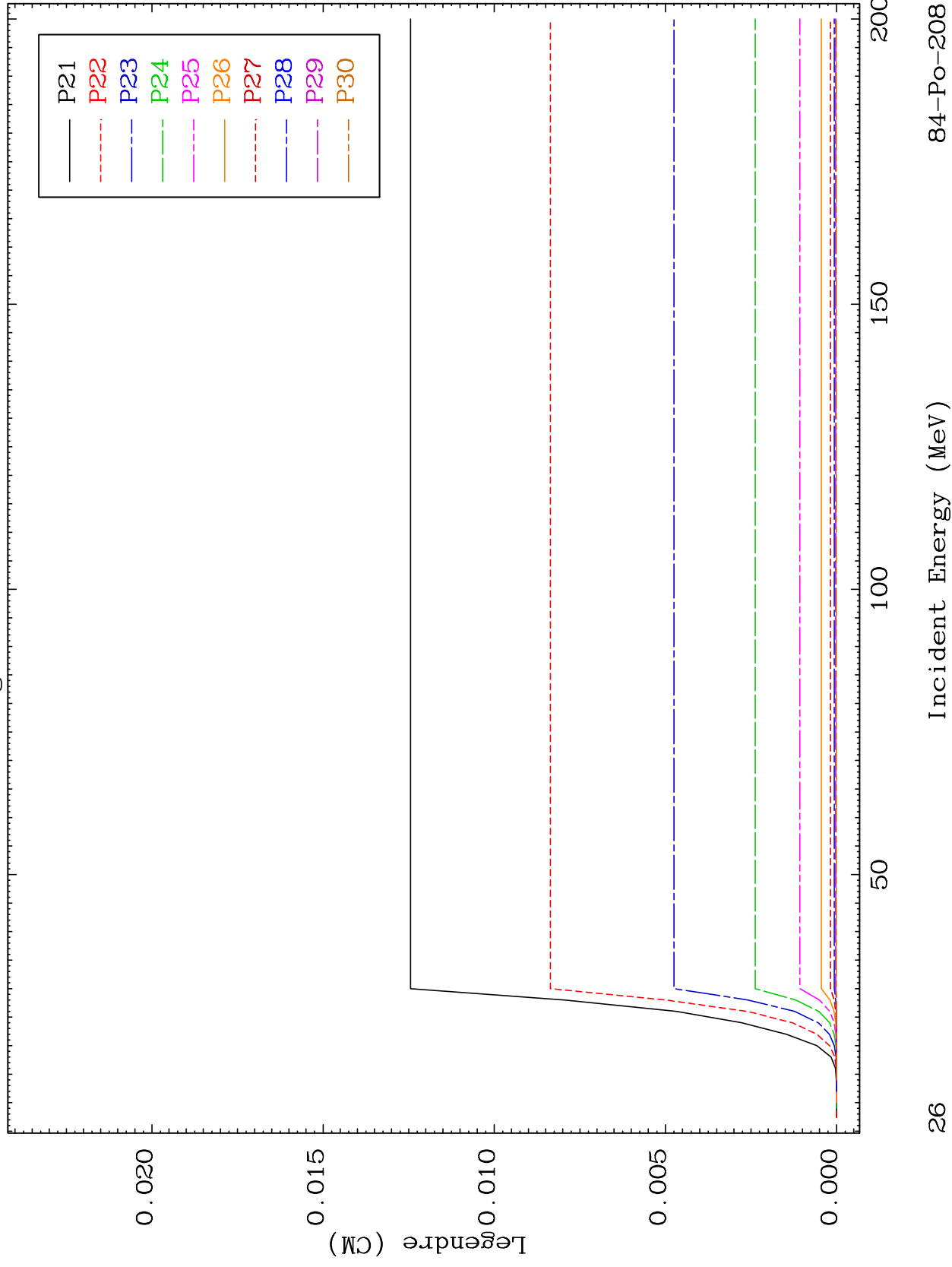
84-Po-208



25

Incident Energy (MeV)

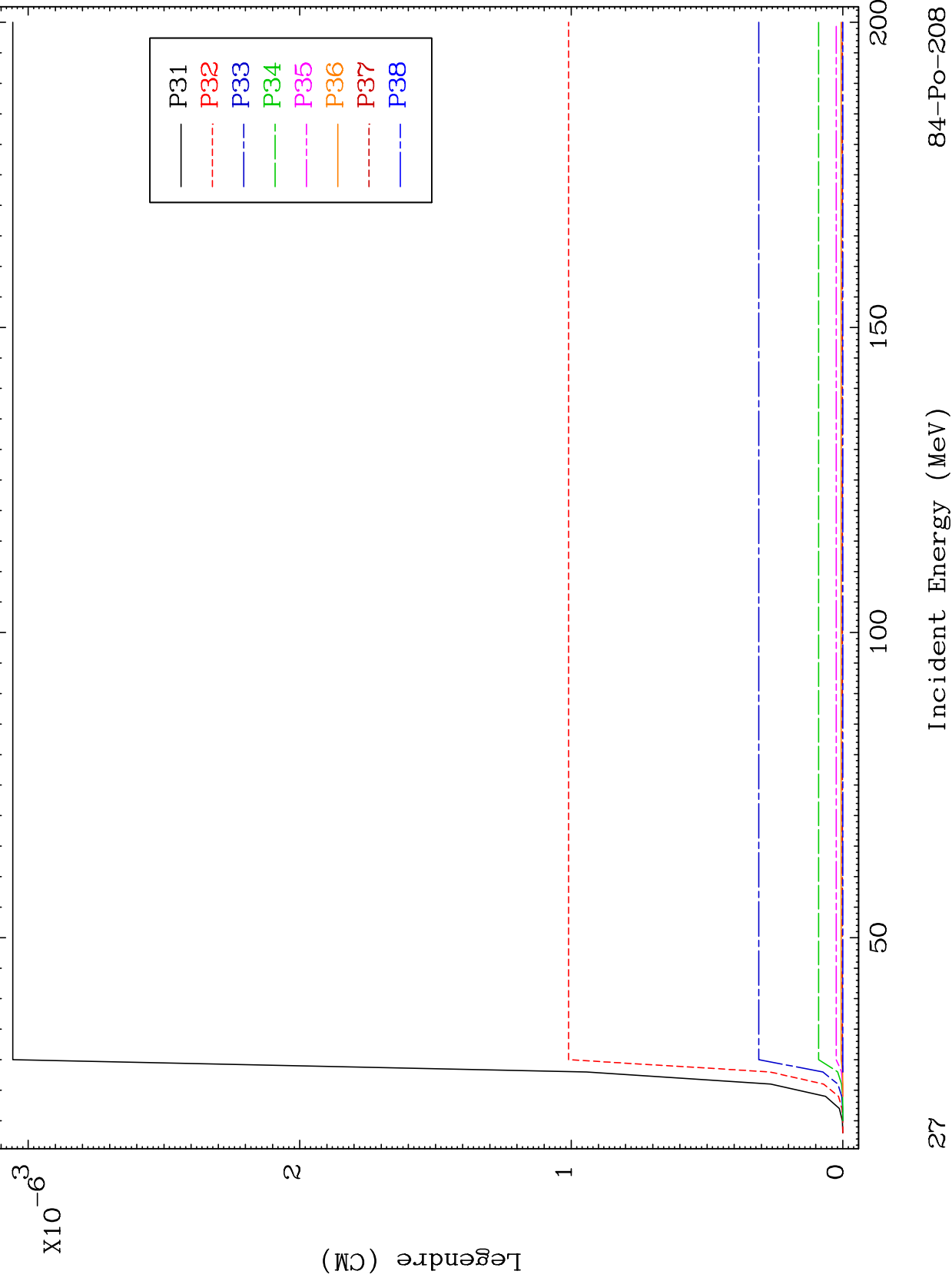
84-Po-208



MAT 8431

1.263 MeV (n, n') Level
Legendre Coefficients

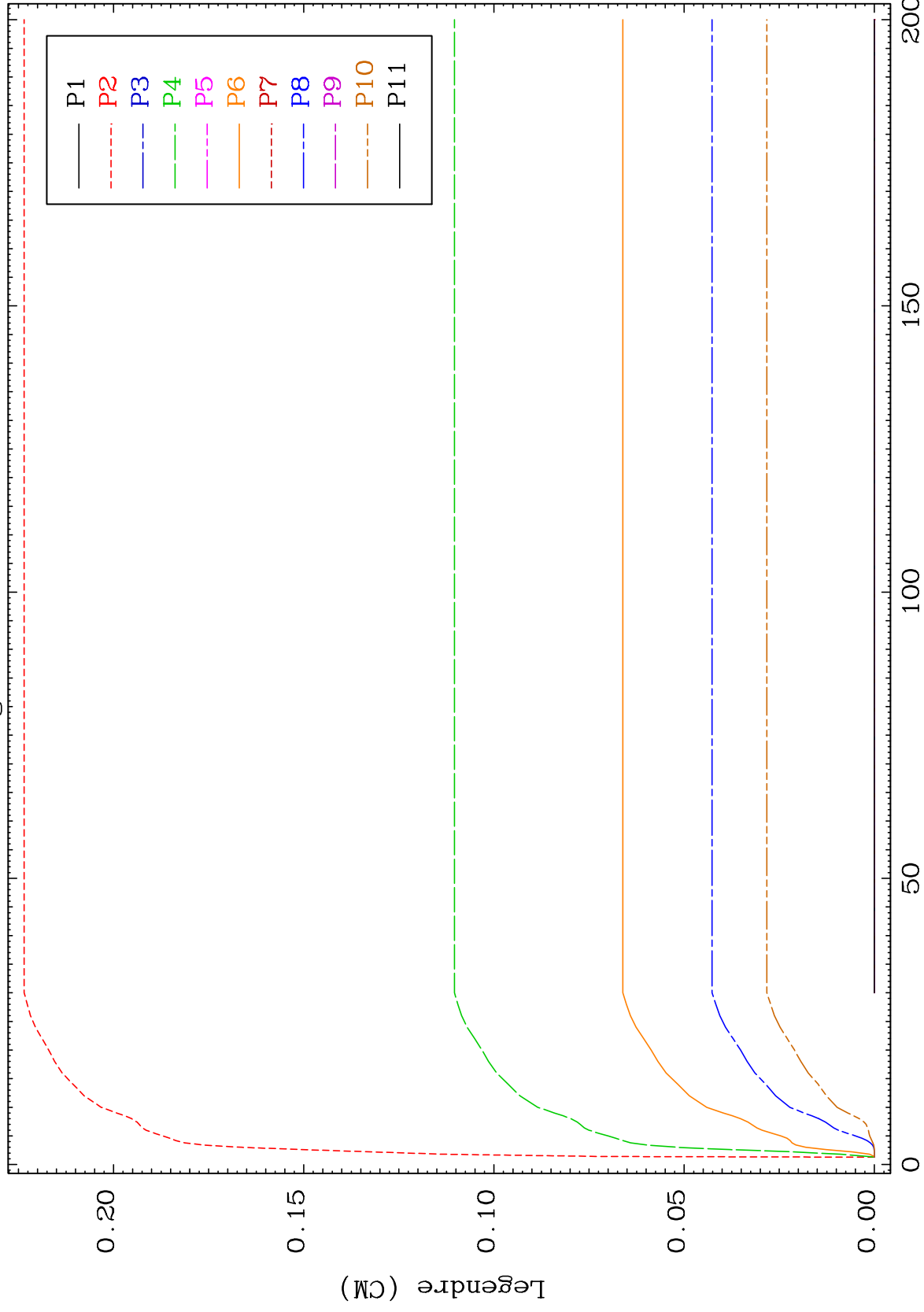
84-Po-208



MAT 8431

1.272 MeV (n,n') Level
Legendre Coefficients

84-Po-208



28

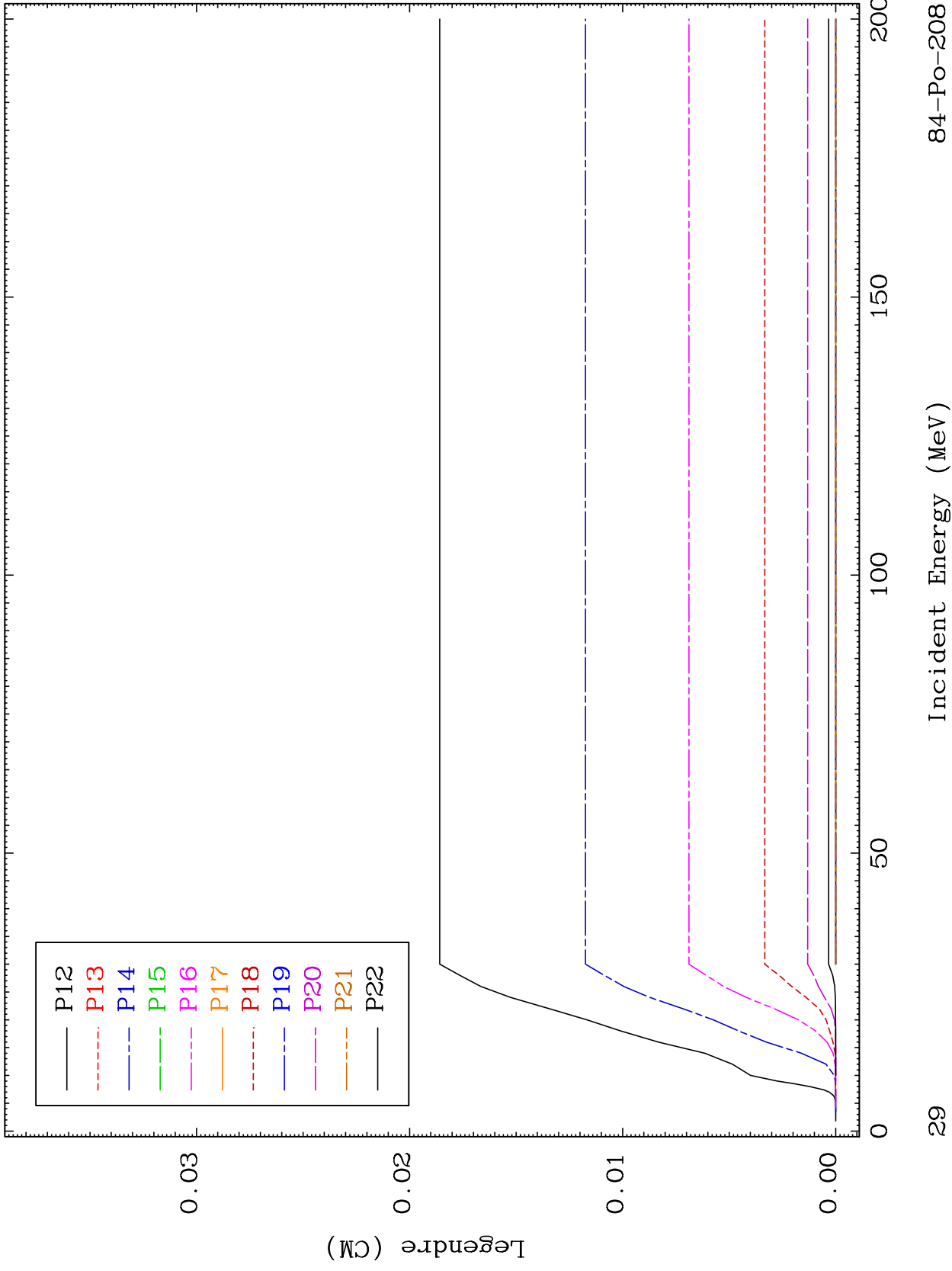
Incident Energy (MeV)

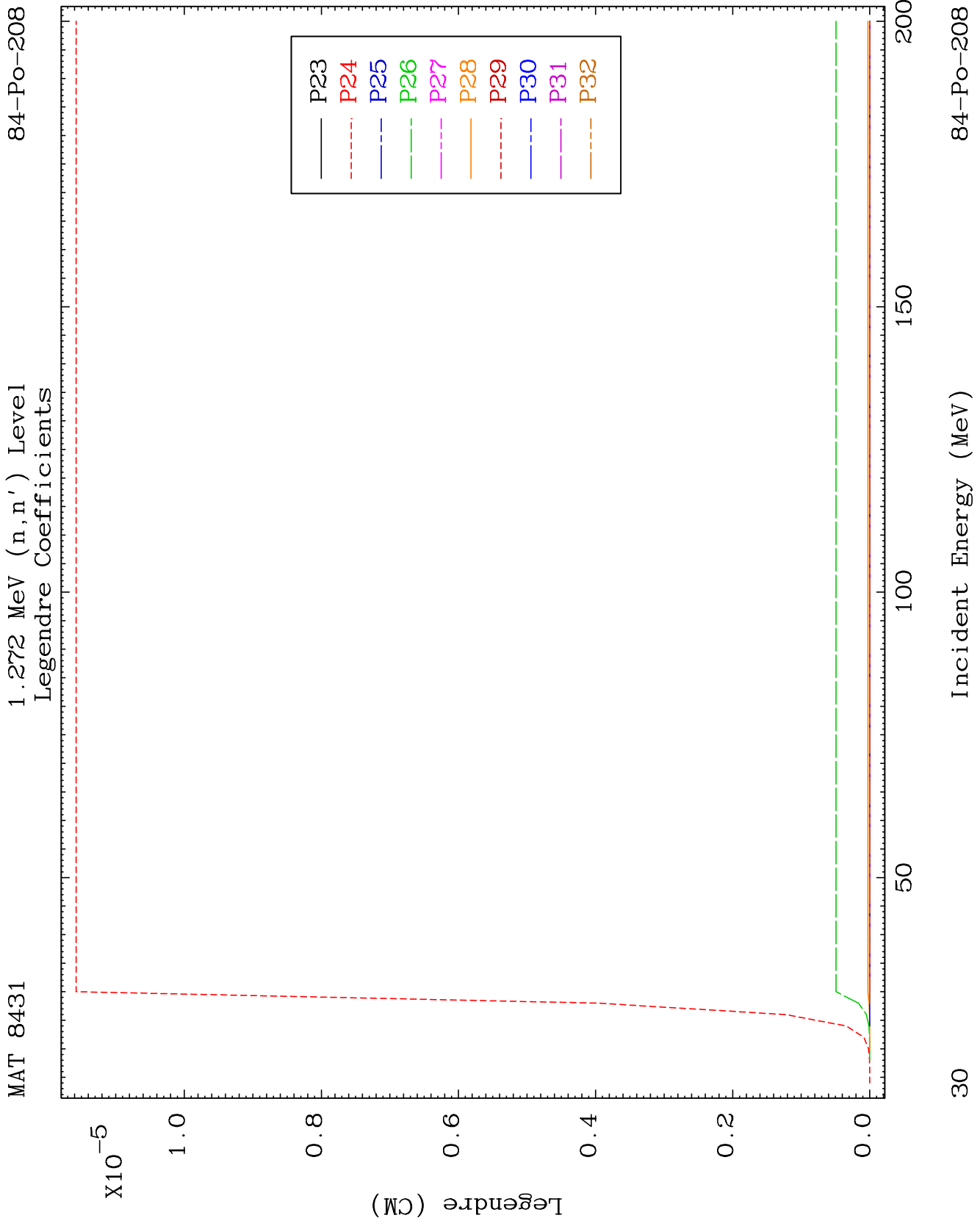
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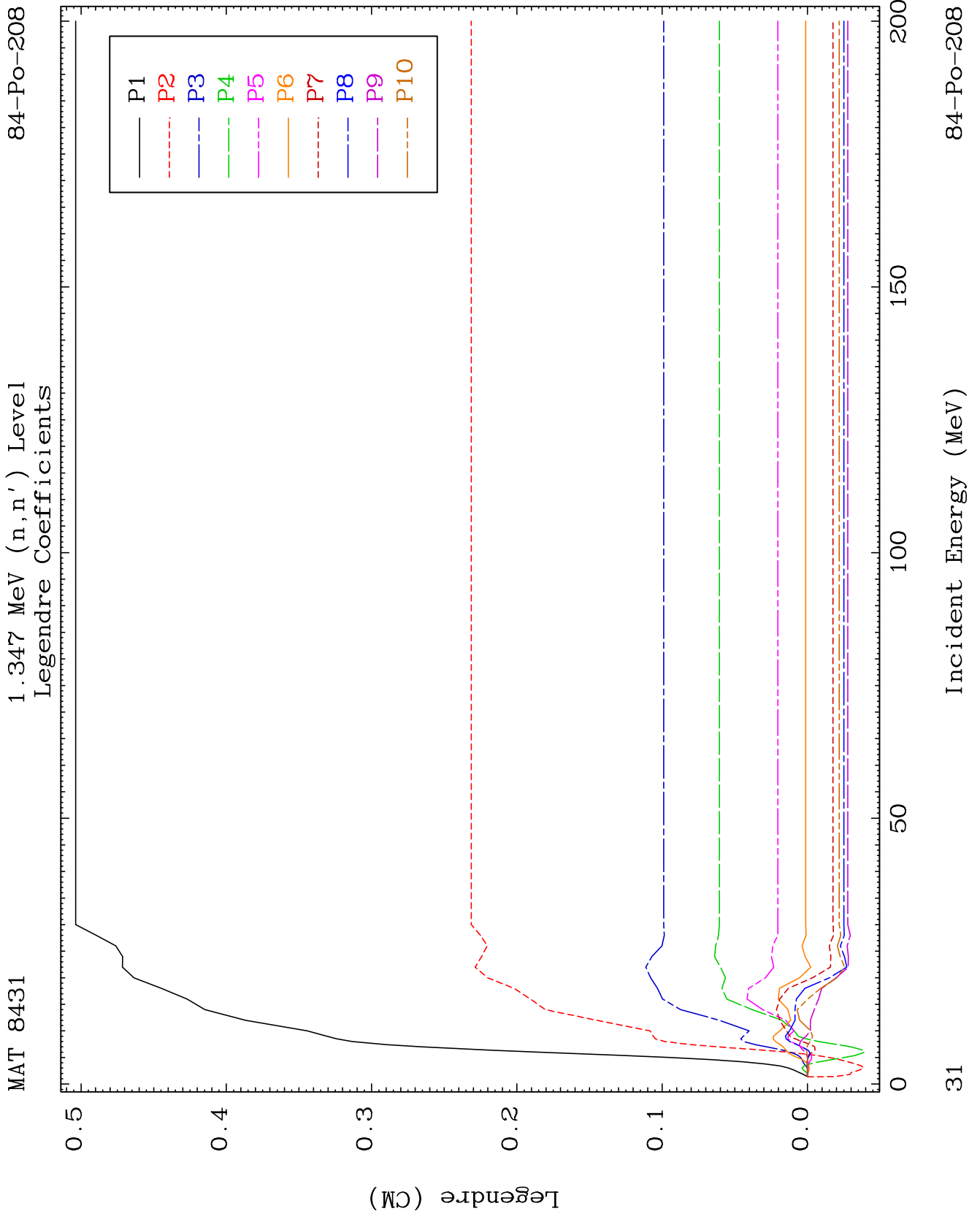
MAT 8431

1.272 MeV (n,n') Level
Legendre Coefficients

84-Po-208



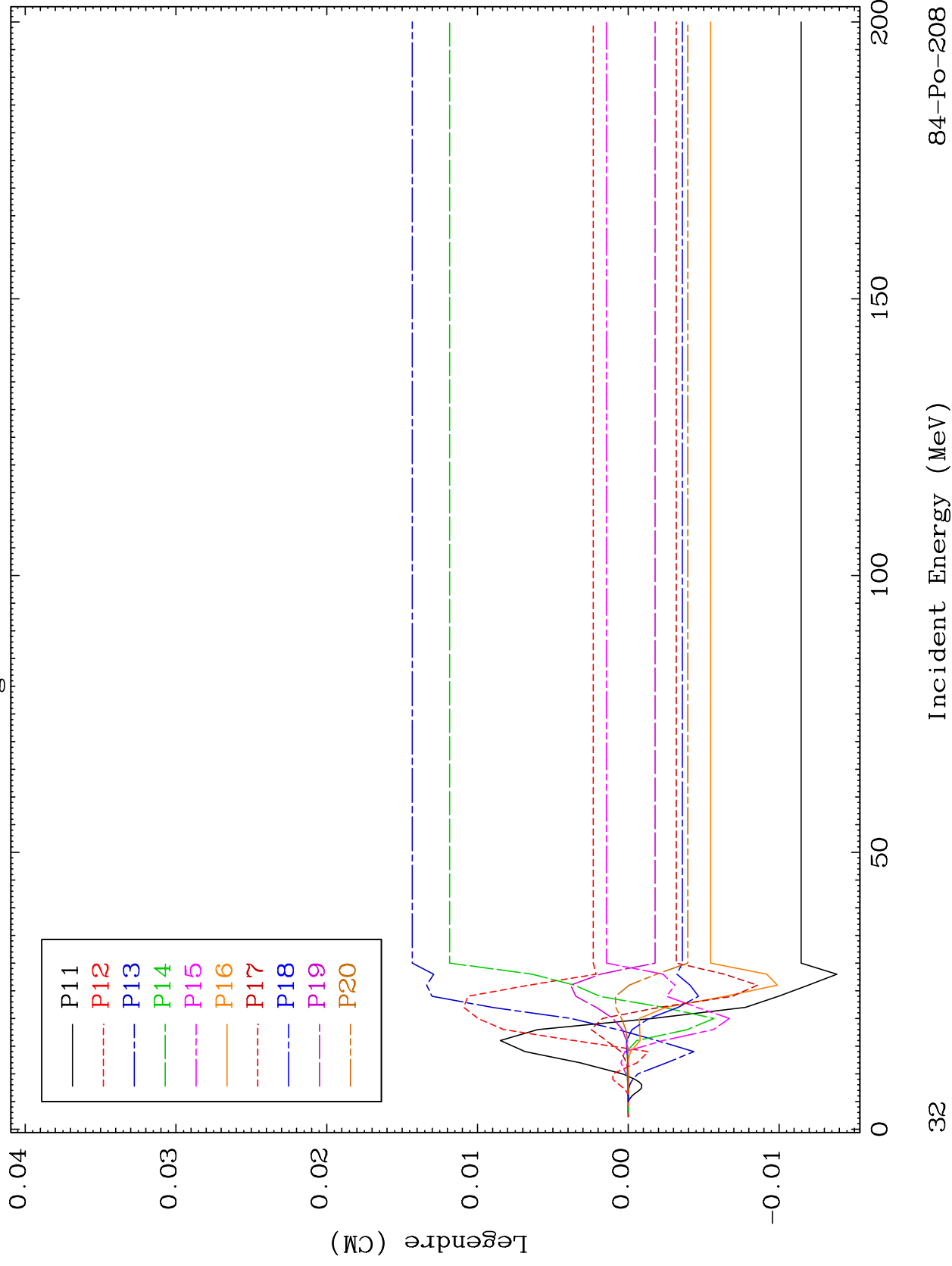




MAT 8431

1.347 MeV (n, n') Level
Legendre Coefficients

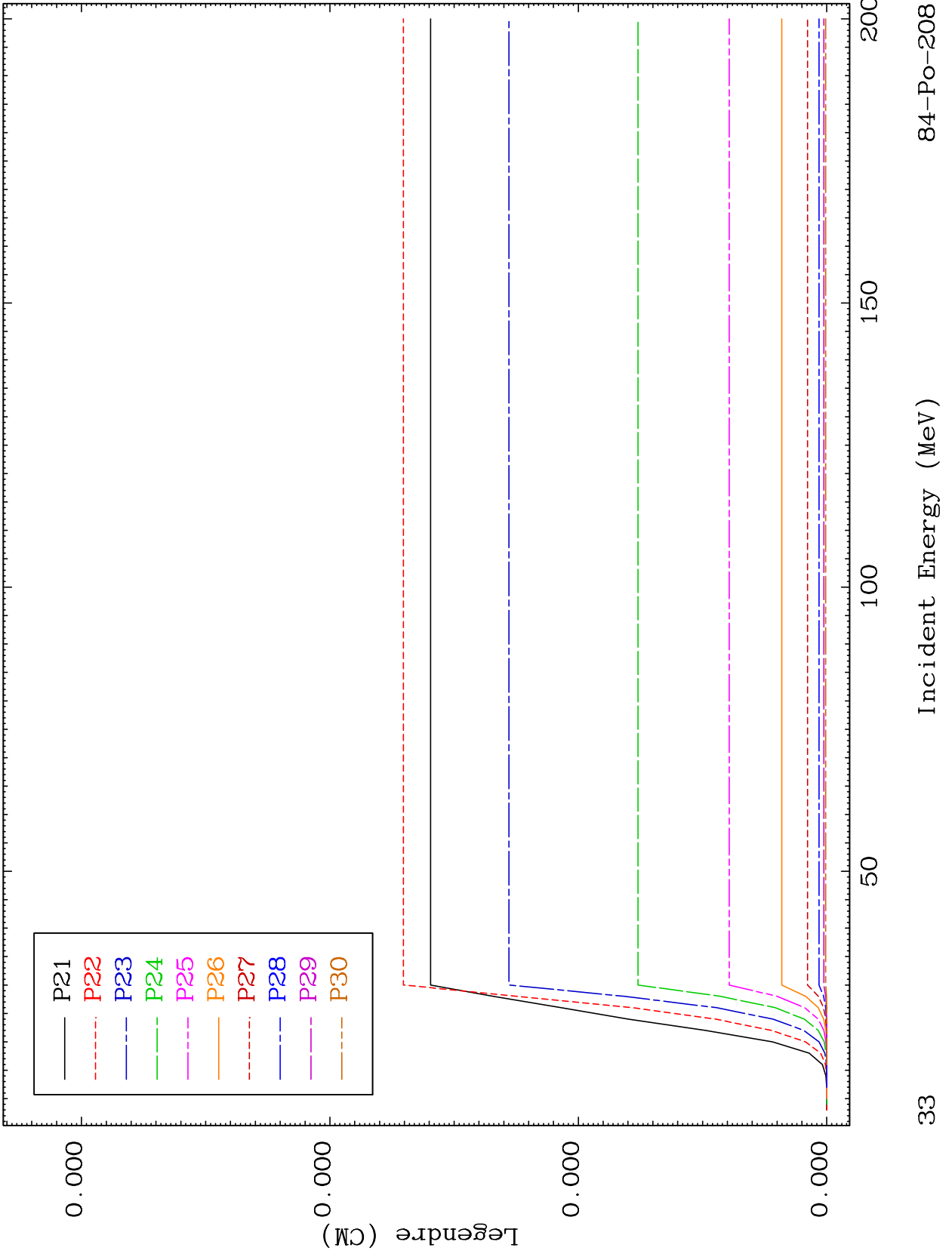
84-Po-208



32

Incident Energy (MeV)

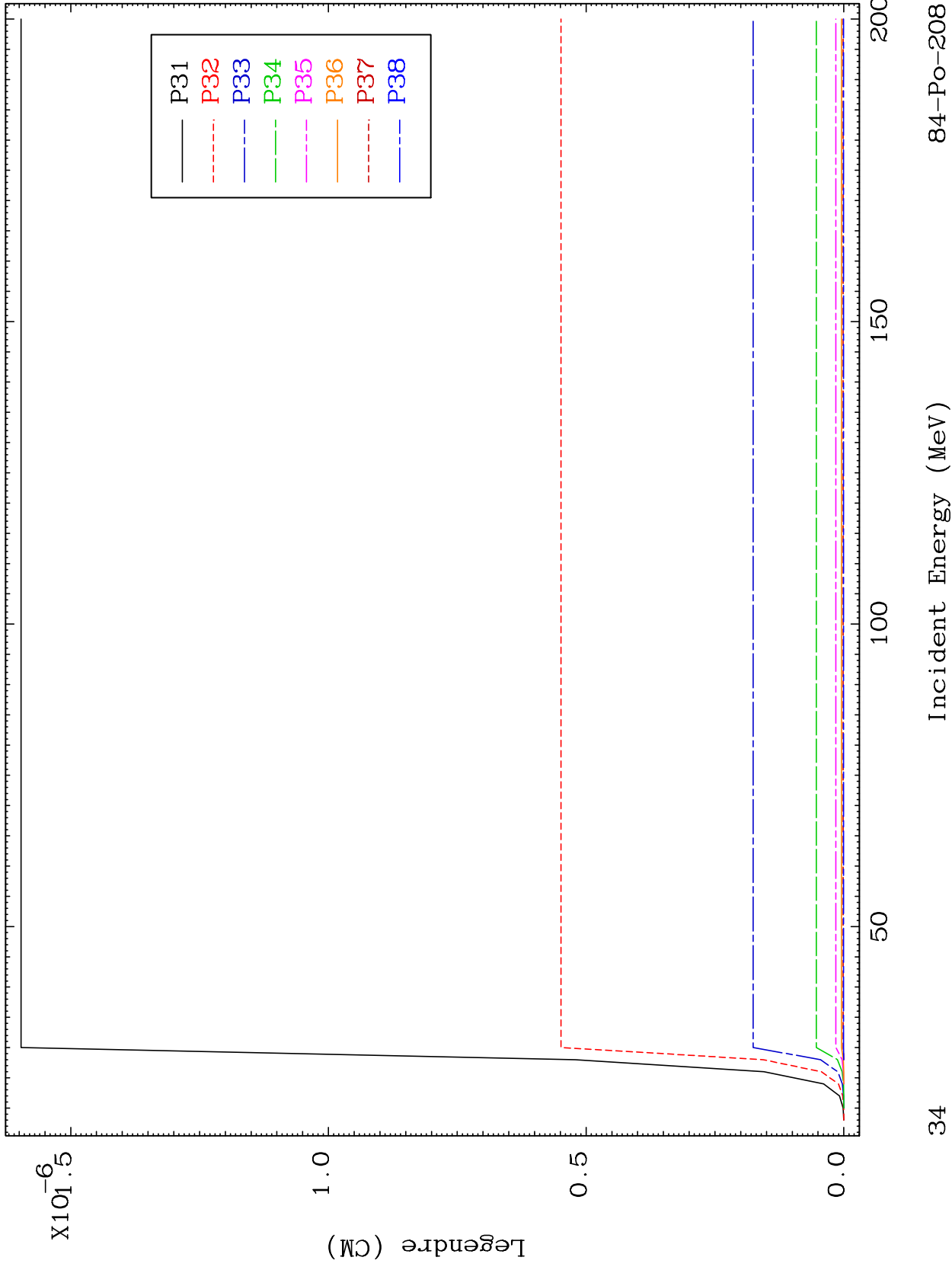
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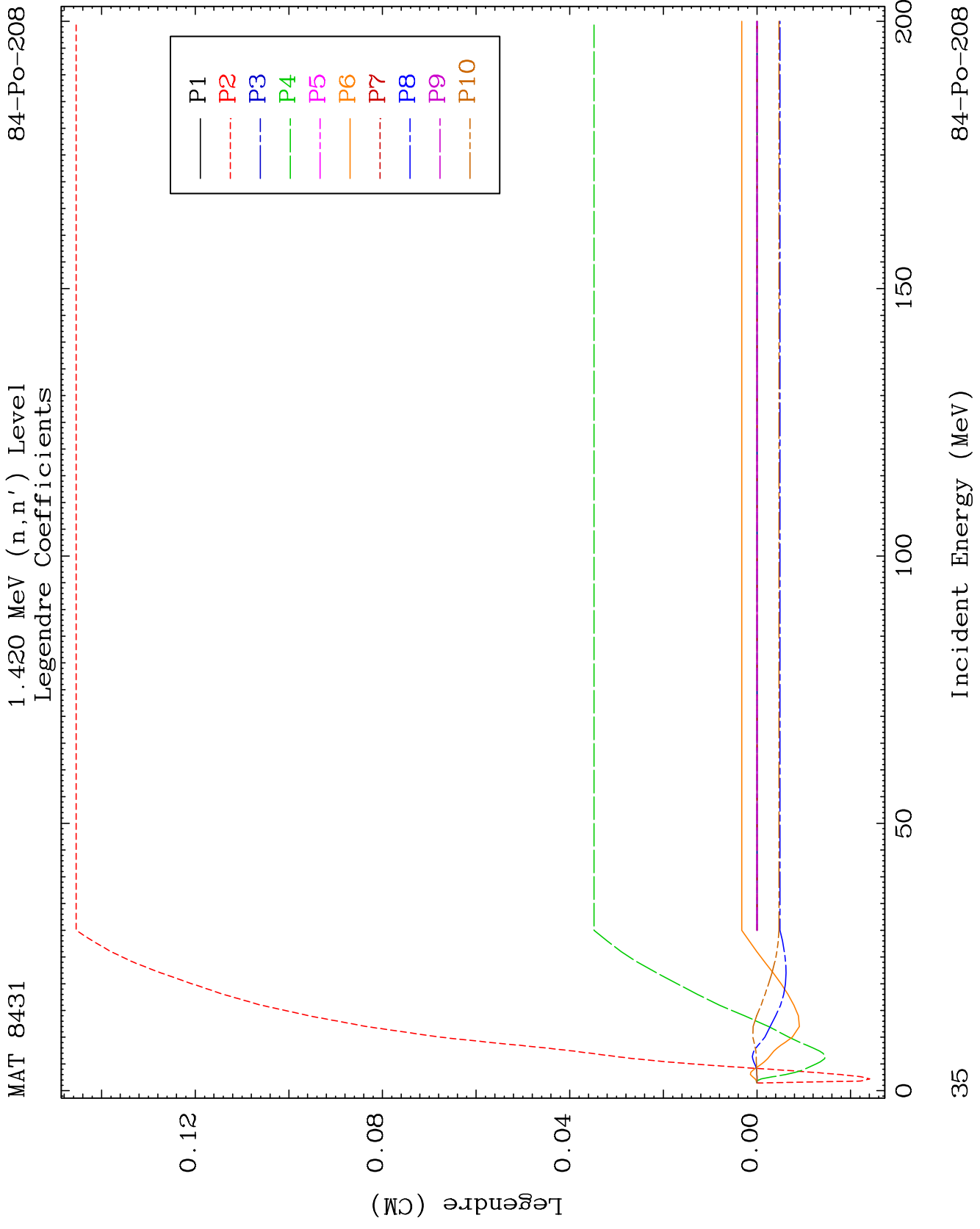


MAT 8431

1.347 MeV (n,n') Level
Legendre Coefficients

84-Po-208

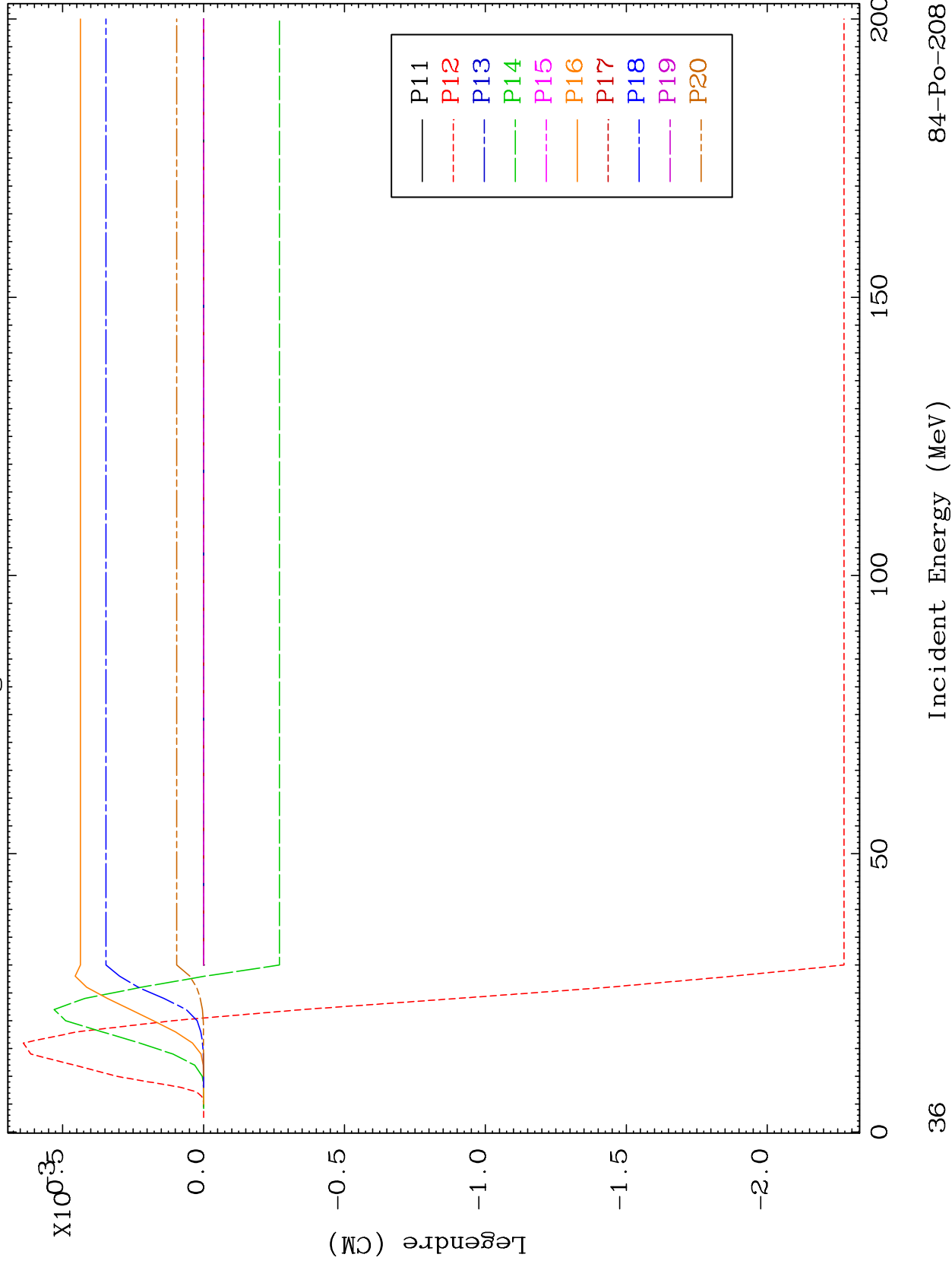


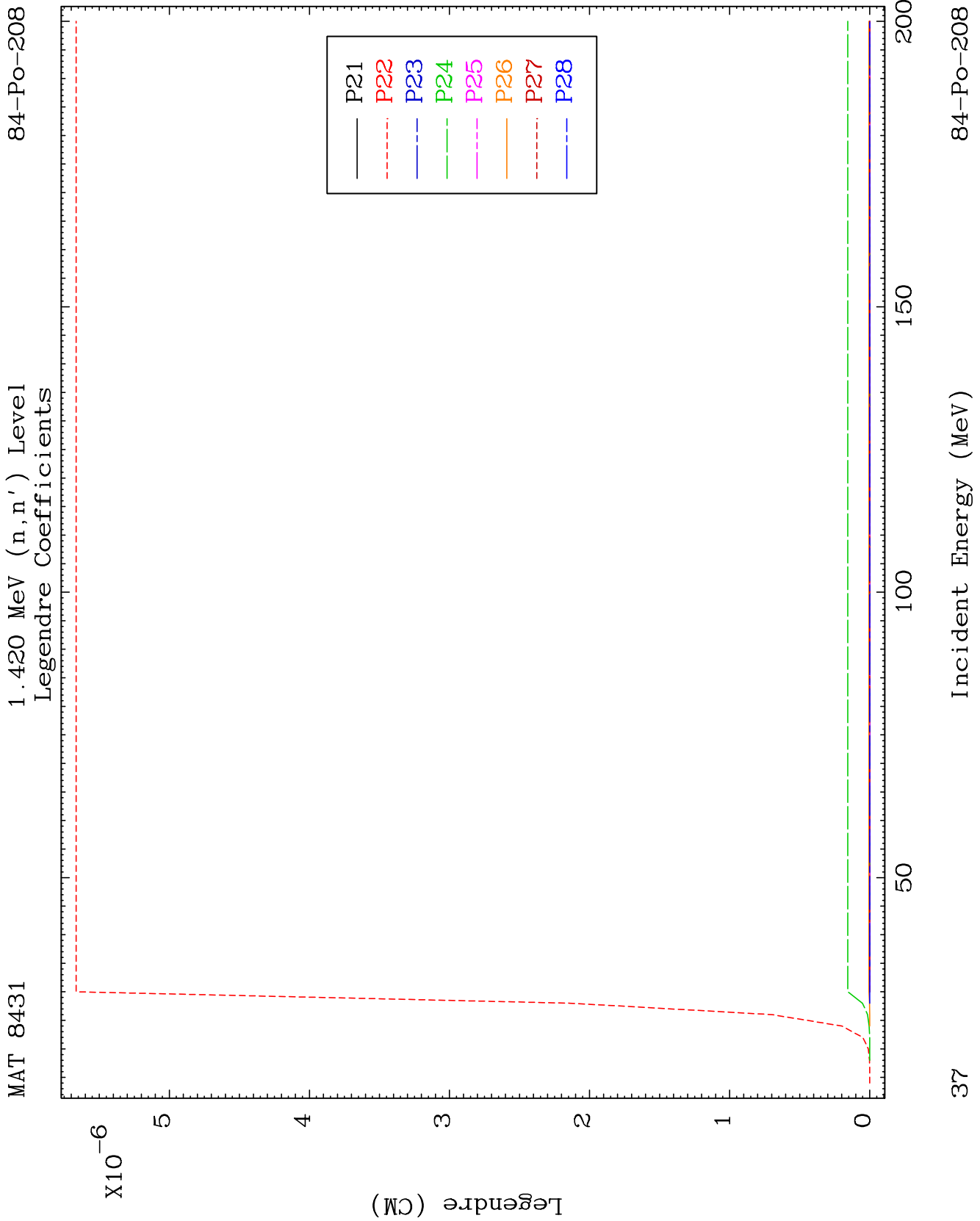


MAT 8431

1.420 MeV (n, n') Level
Legendre Coefficients

84-Po-208

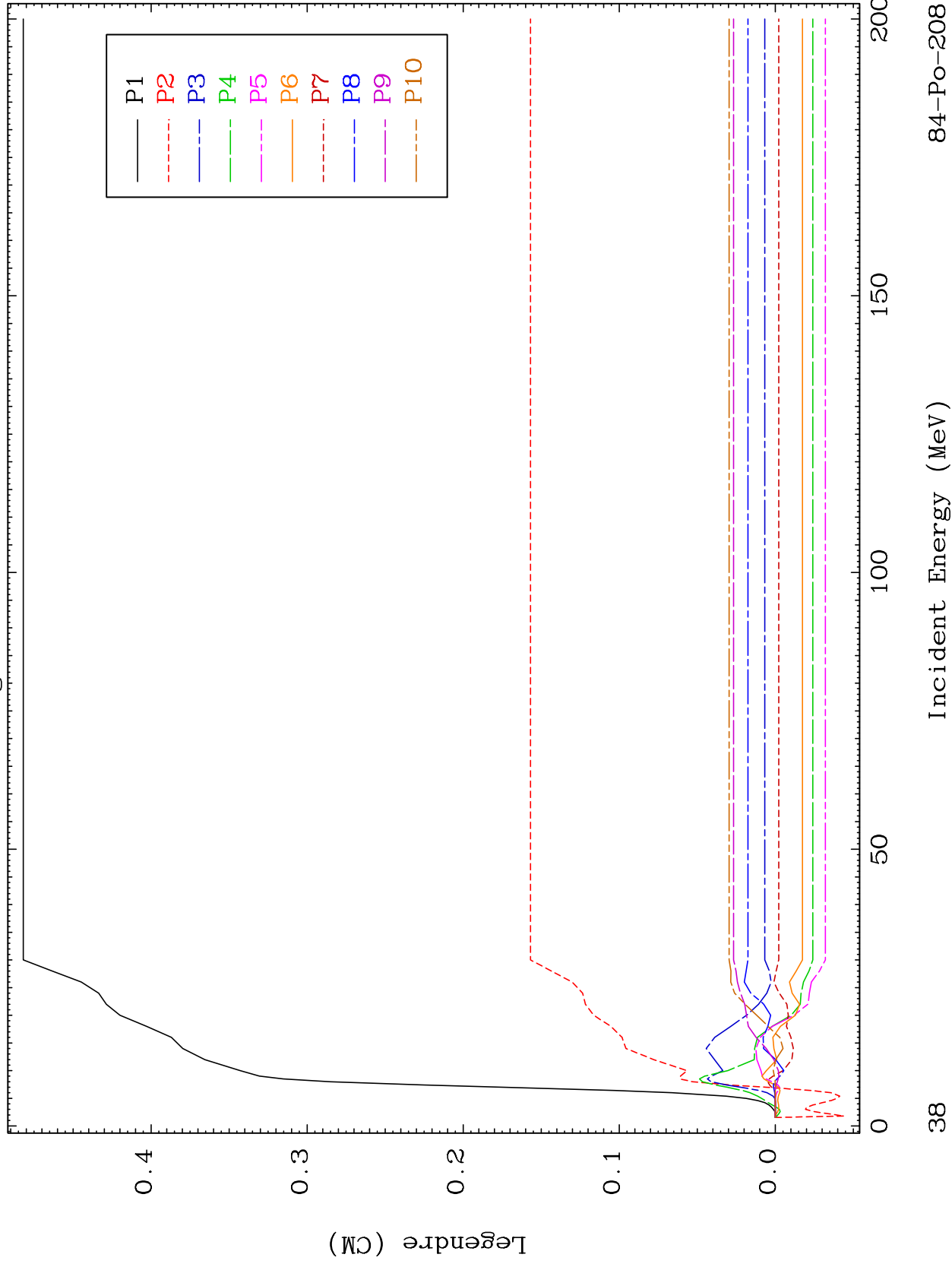




MAT 8431

1.524 MeV (n,n') Level
Legendre Coefficients

84-Po-208



84-Po-208

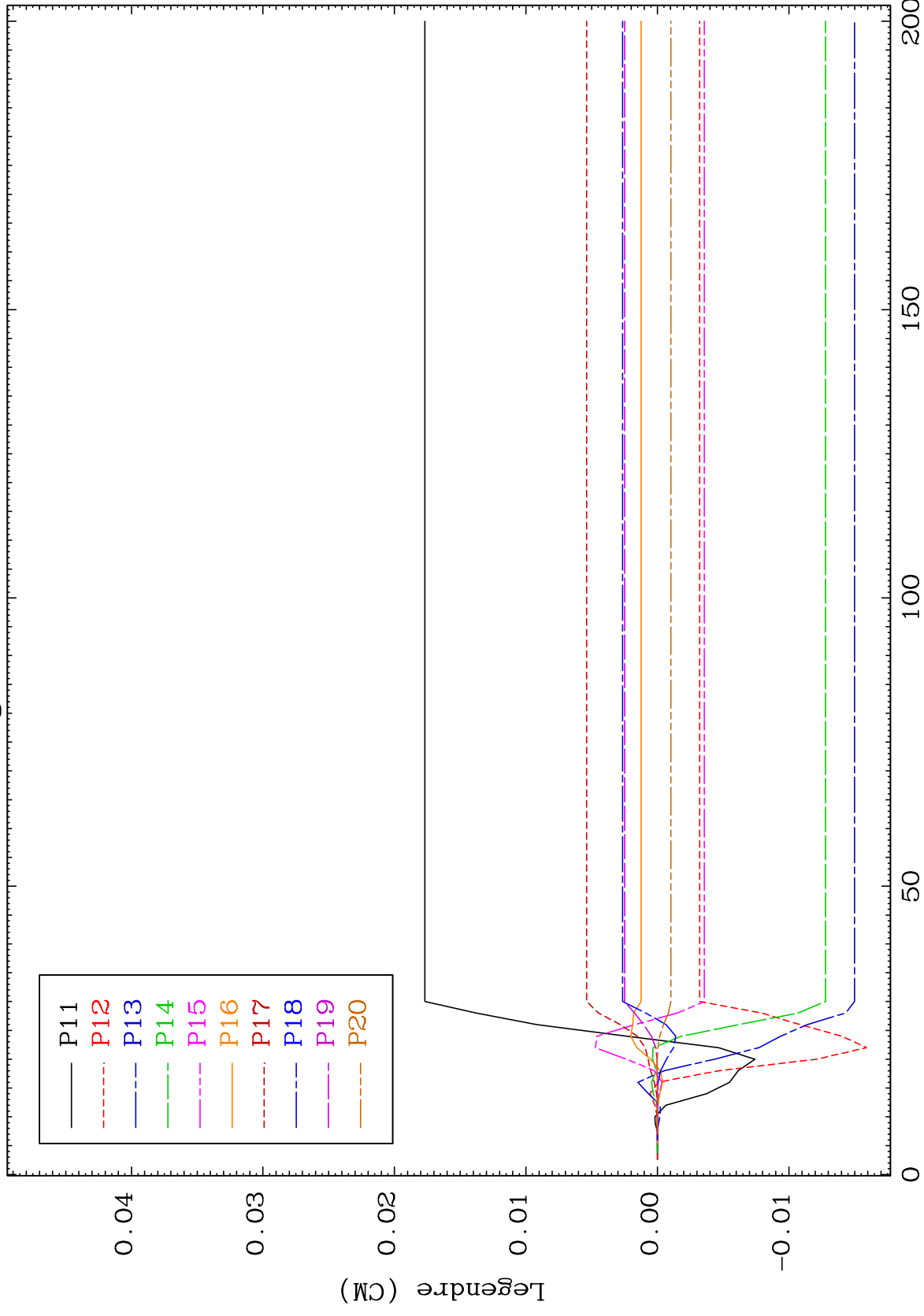
Incident Energy (MeV)

38

MAT 8431

1.524 MeV (n,n') Level
Legendre Coefficients

84-Po-208



39

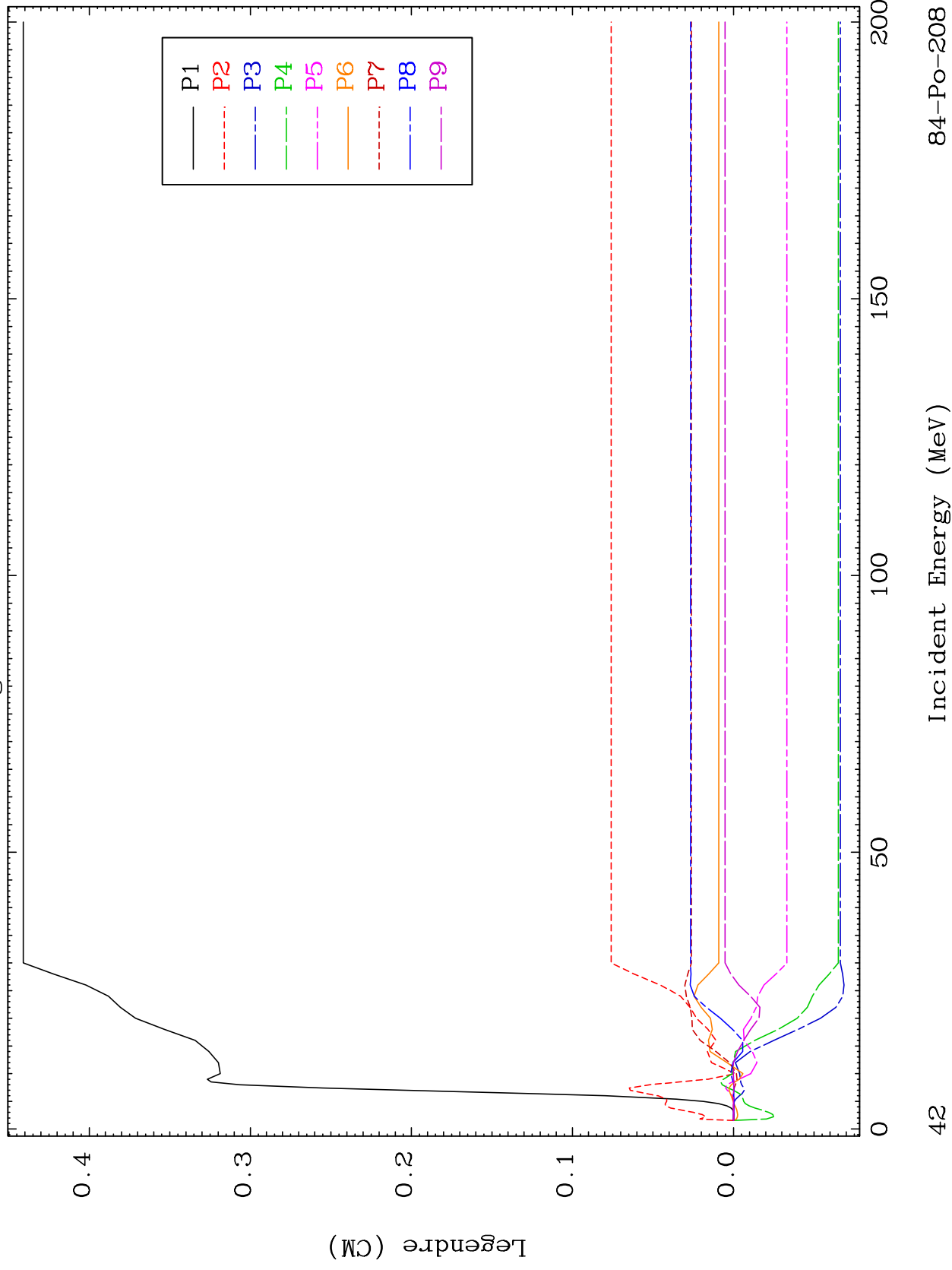
Incident Energy (MeV)

84-Po-208

MAT 8431

1.528 MeV (n, n') Level
Legendre Coefficients

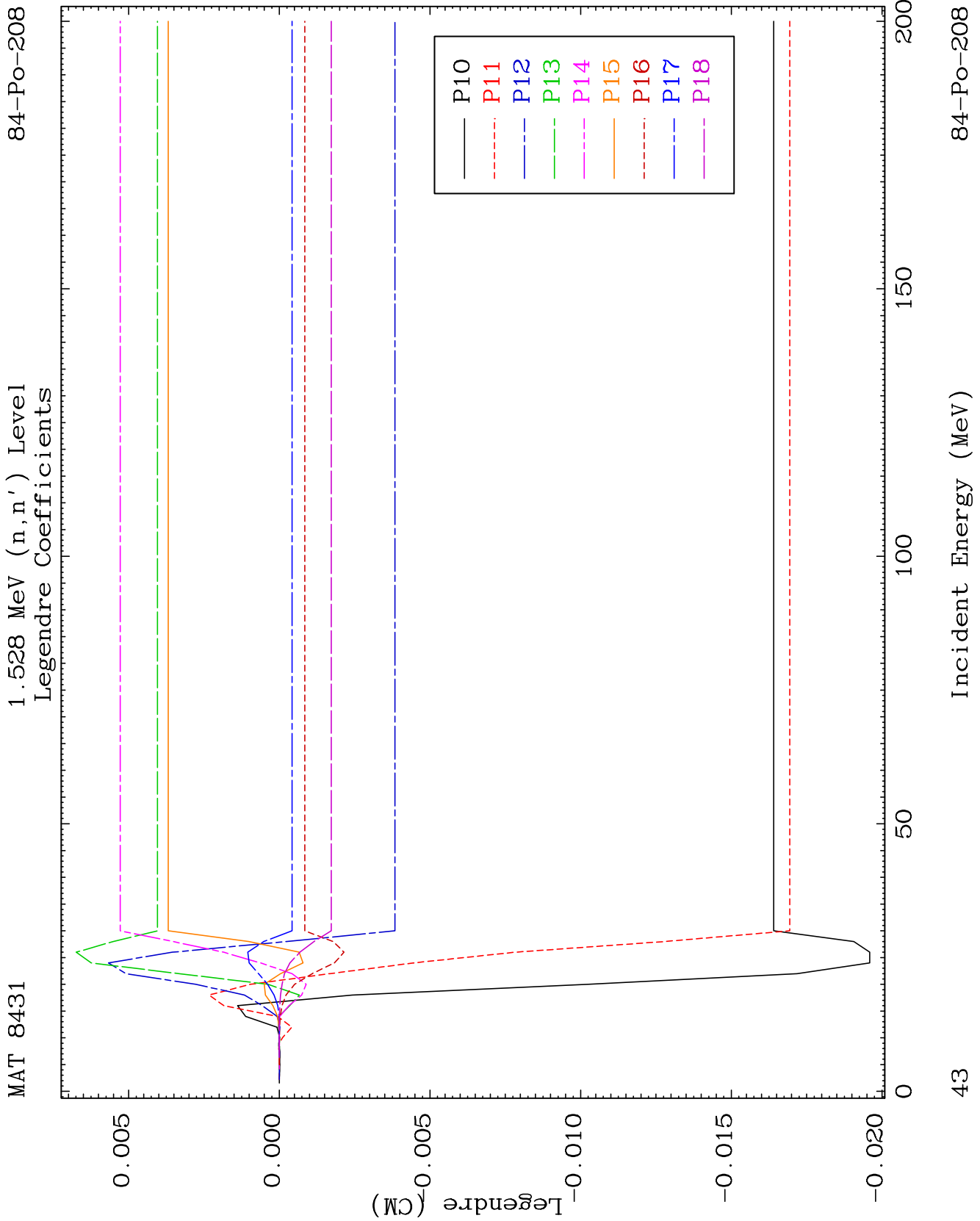
84-Po-208



42

Incident Energy (MeV)

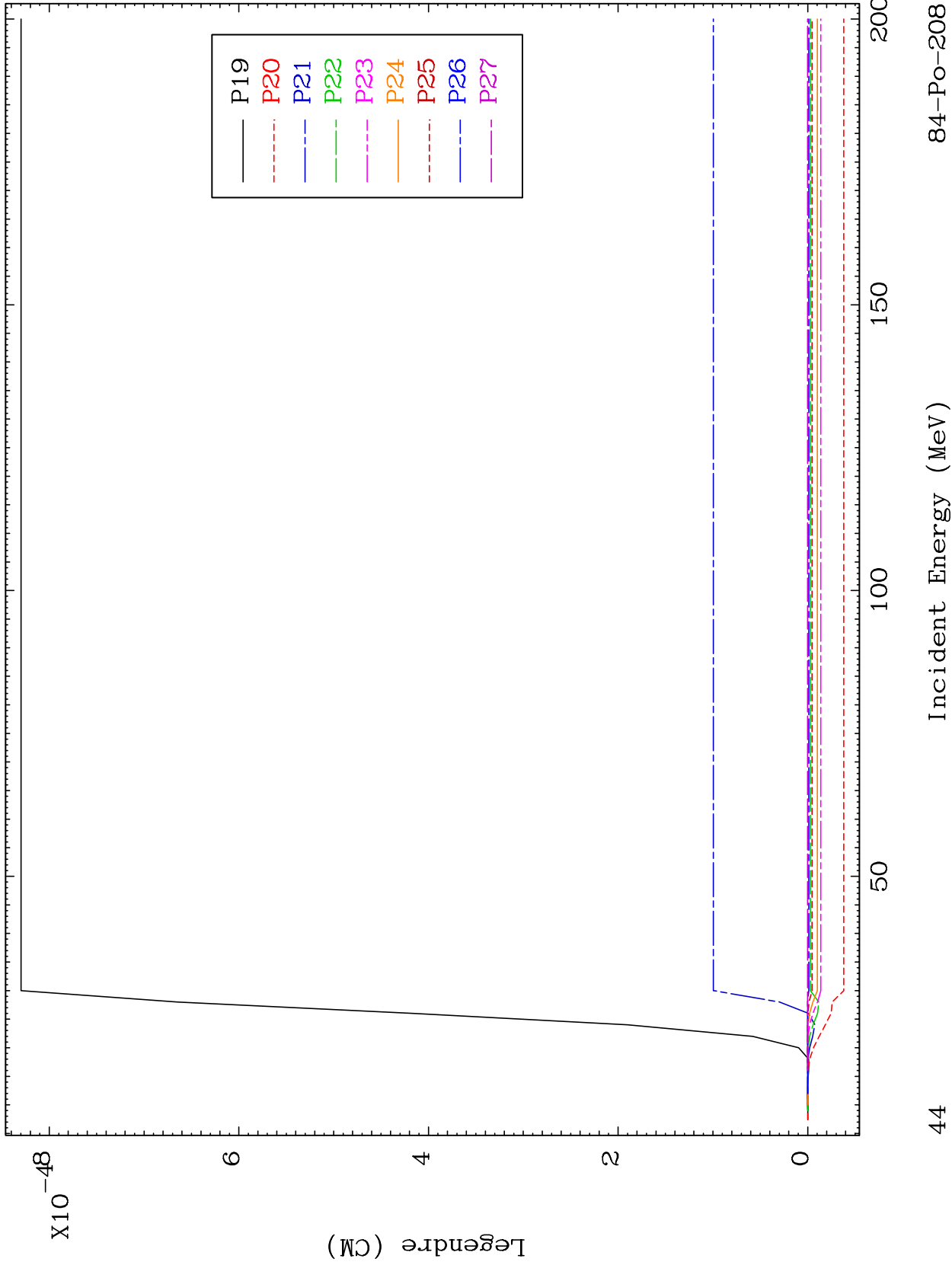
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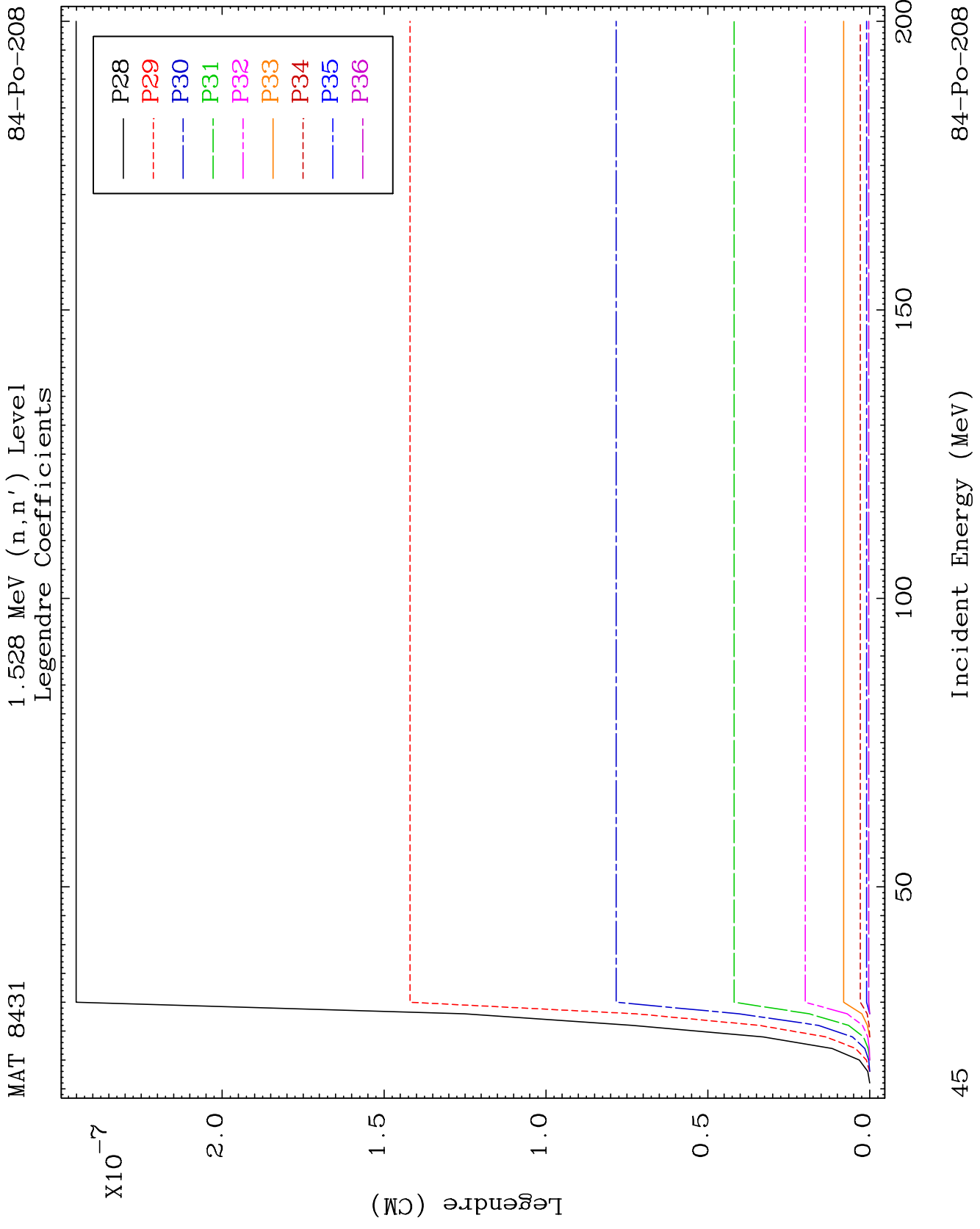


MAT 8431

1.528 MeV (n, n') Level
Legendre Coefficients

84-Po-208

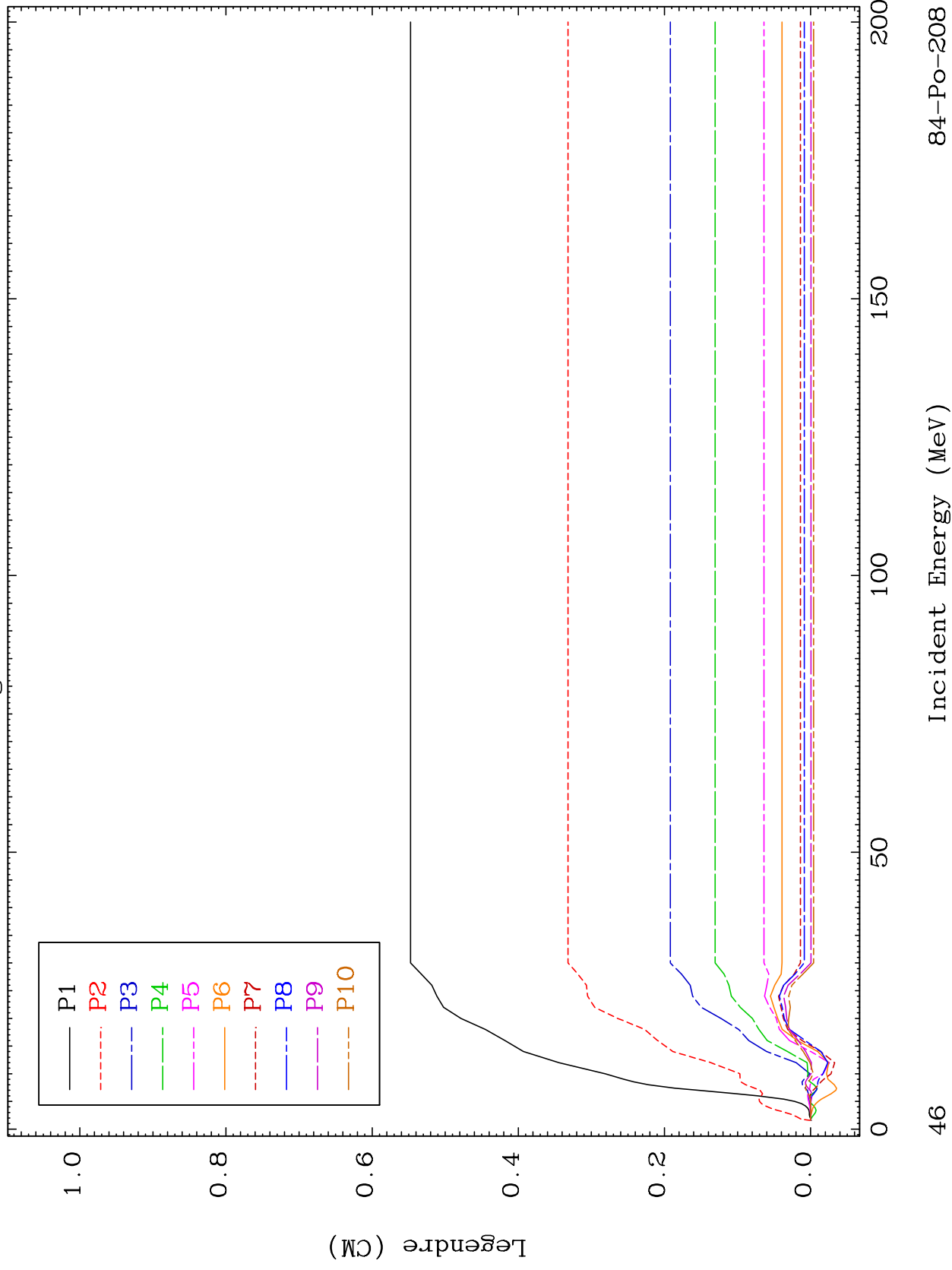




MAT 8431

1.539 MeV (n,n') Level
Legendre Coefficients

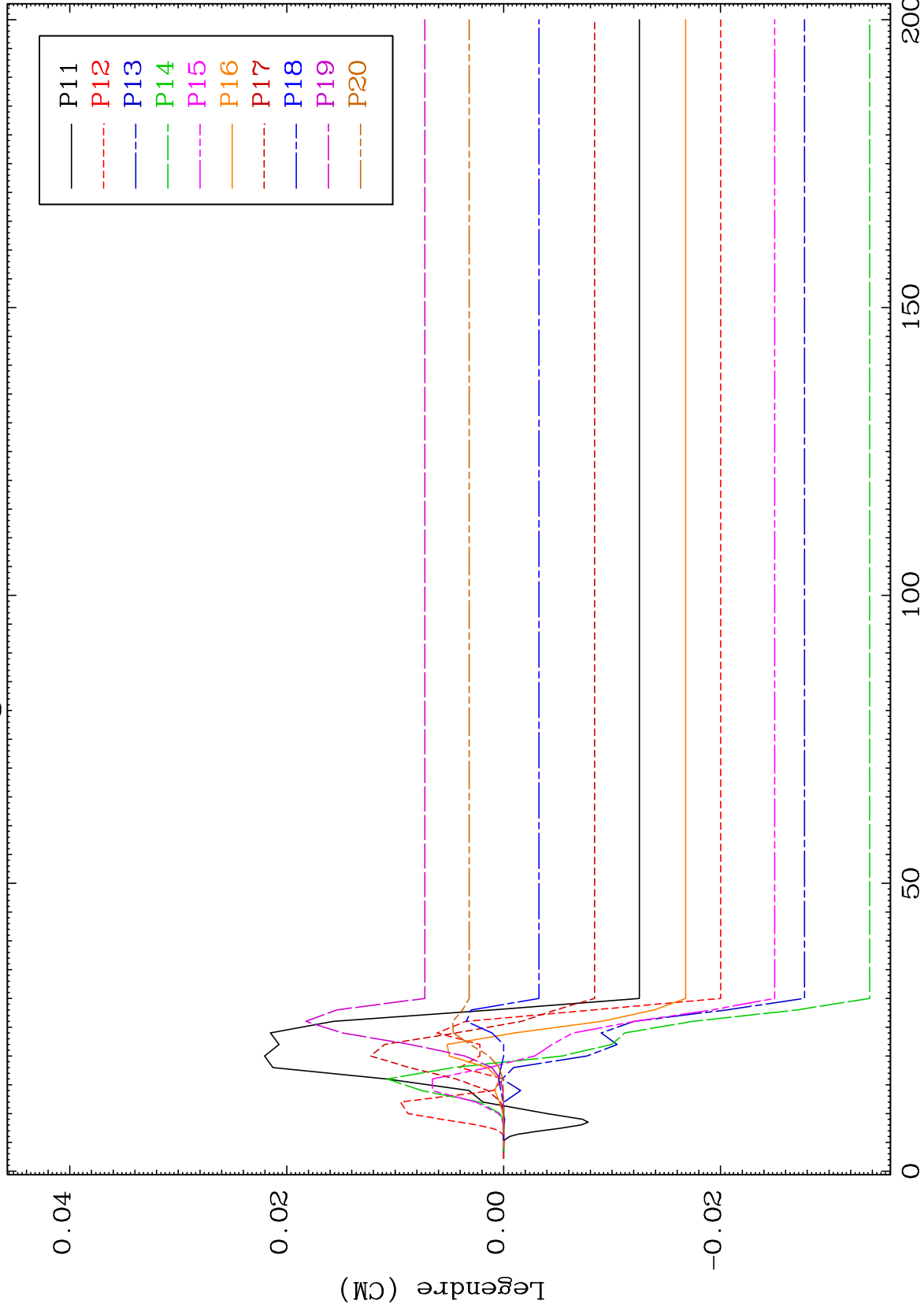
84-Po-208



MAT 8431

1.539 MeV (n, n') Level
Legendre Coefficients

84-Po-208



47

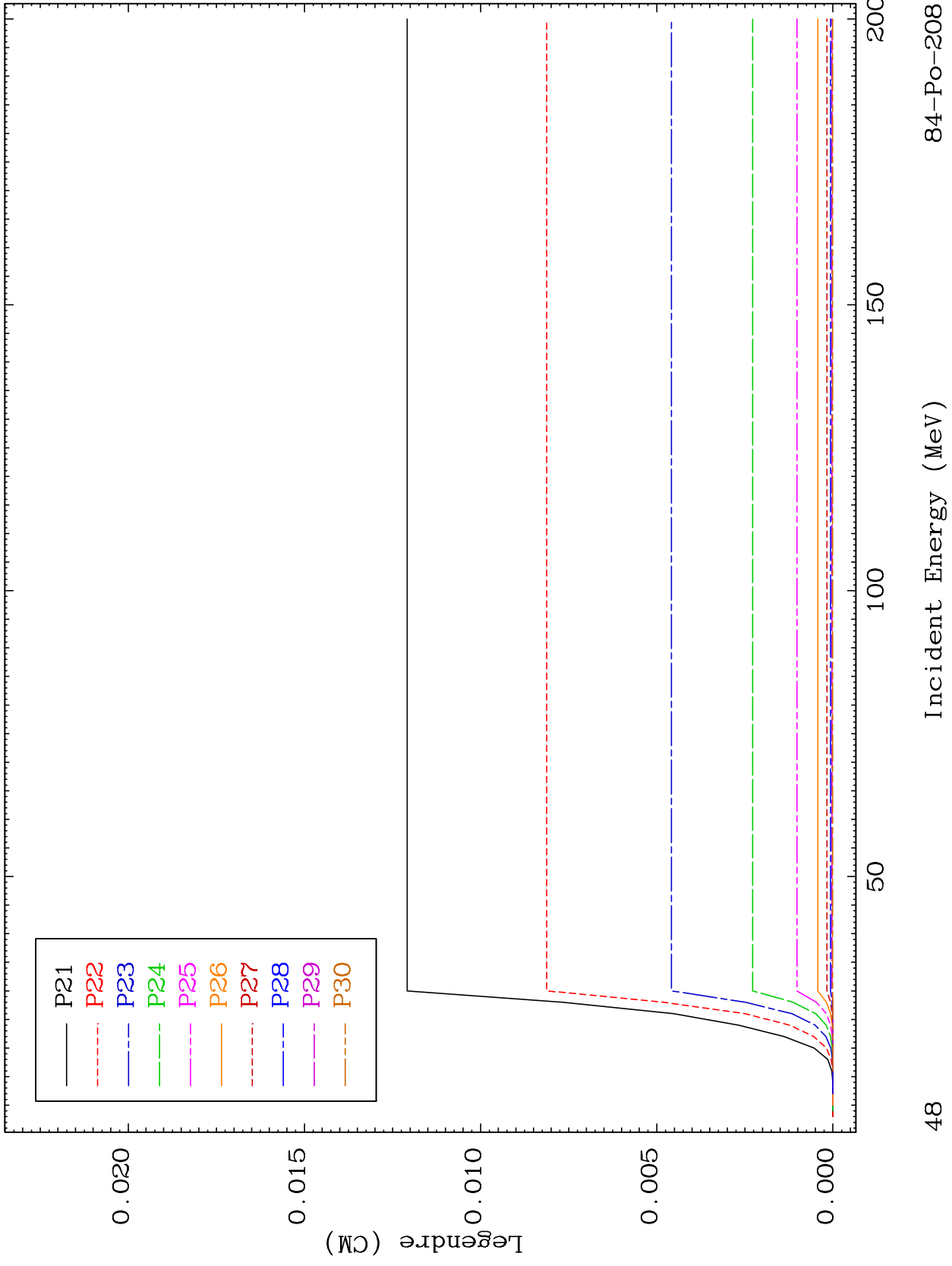
Incident Energy (MeV)

84-Po-208

MAT 8431

1.539 MeV (n,n') Level
Legendre Coefficients

84-Po-208



48

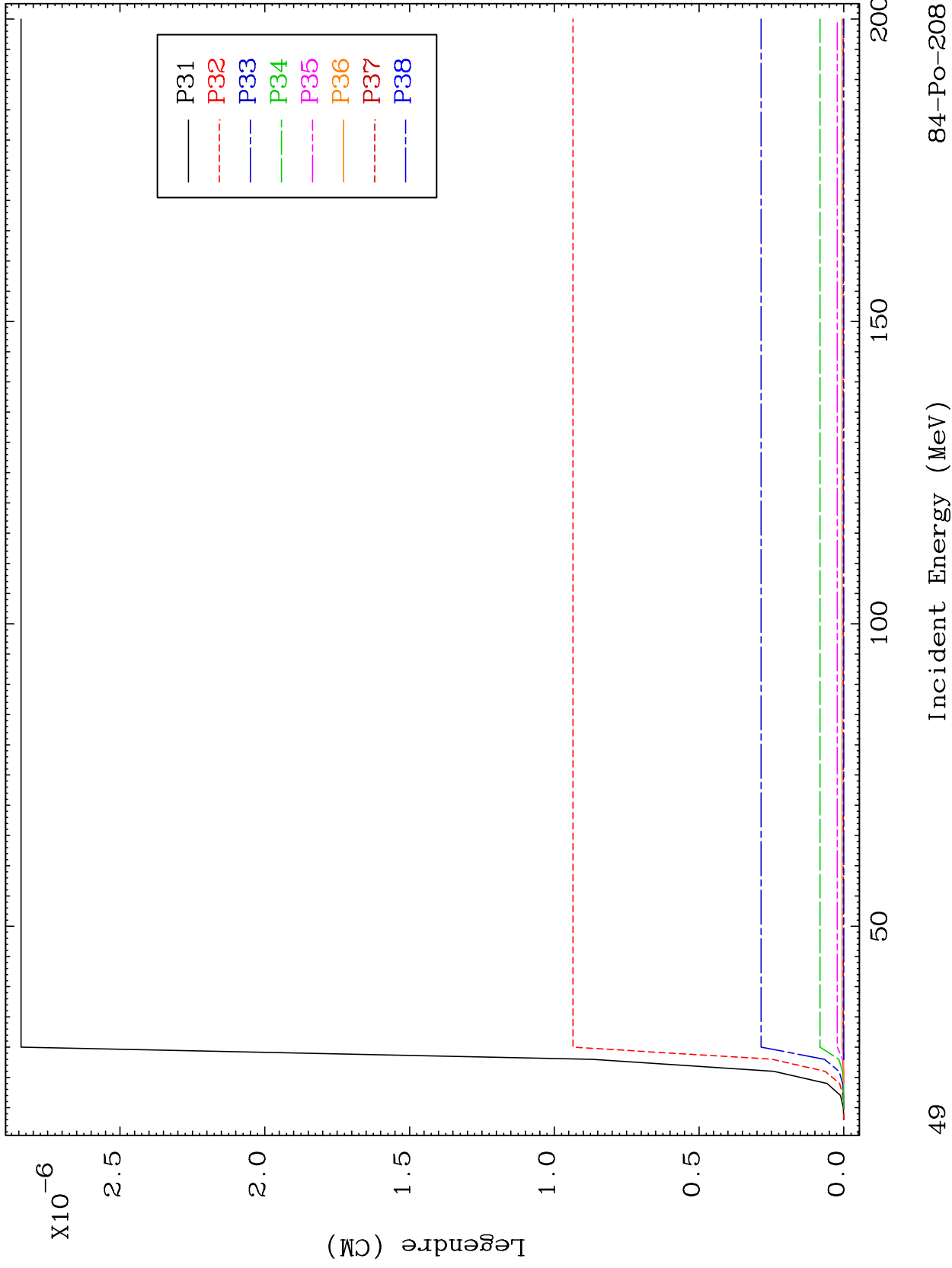
Incident Energy (MeV)

84-Po-208

MAT 8431

1.539 MeV (n,n') Level
Legendre Coefficients

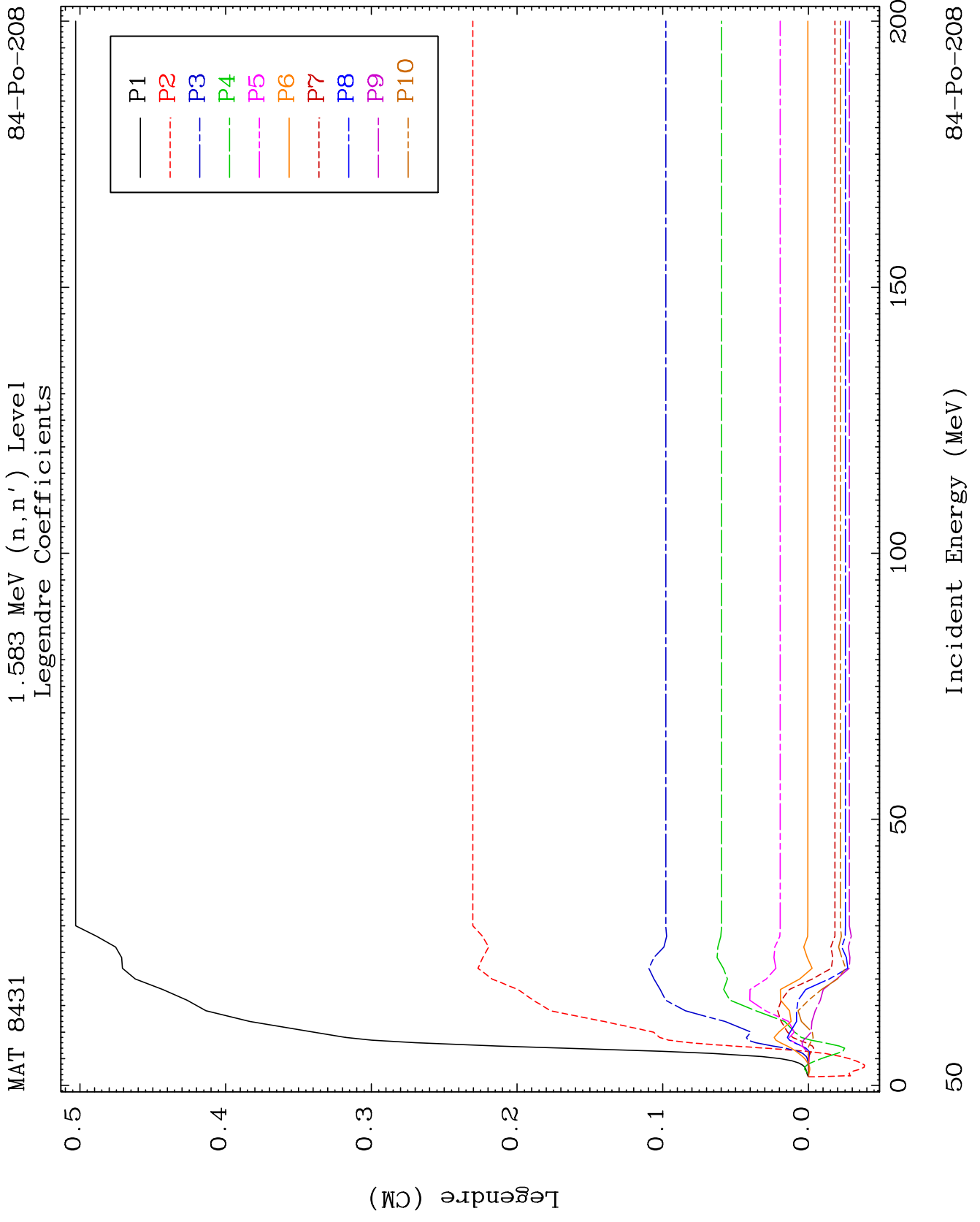
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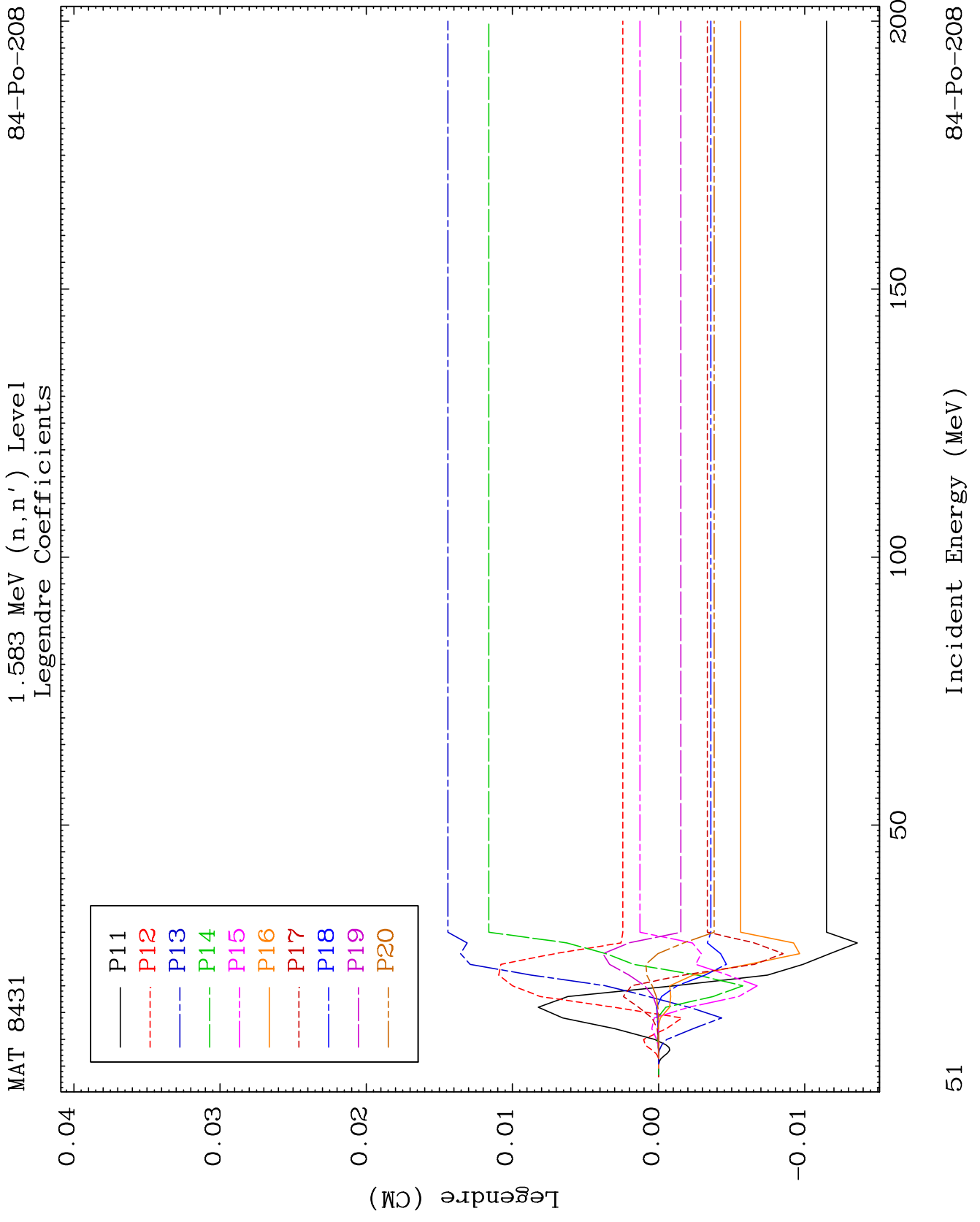


49

Incident Energy (MeV)

84-Po-208

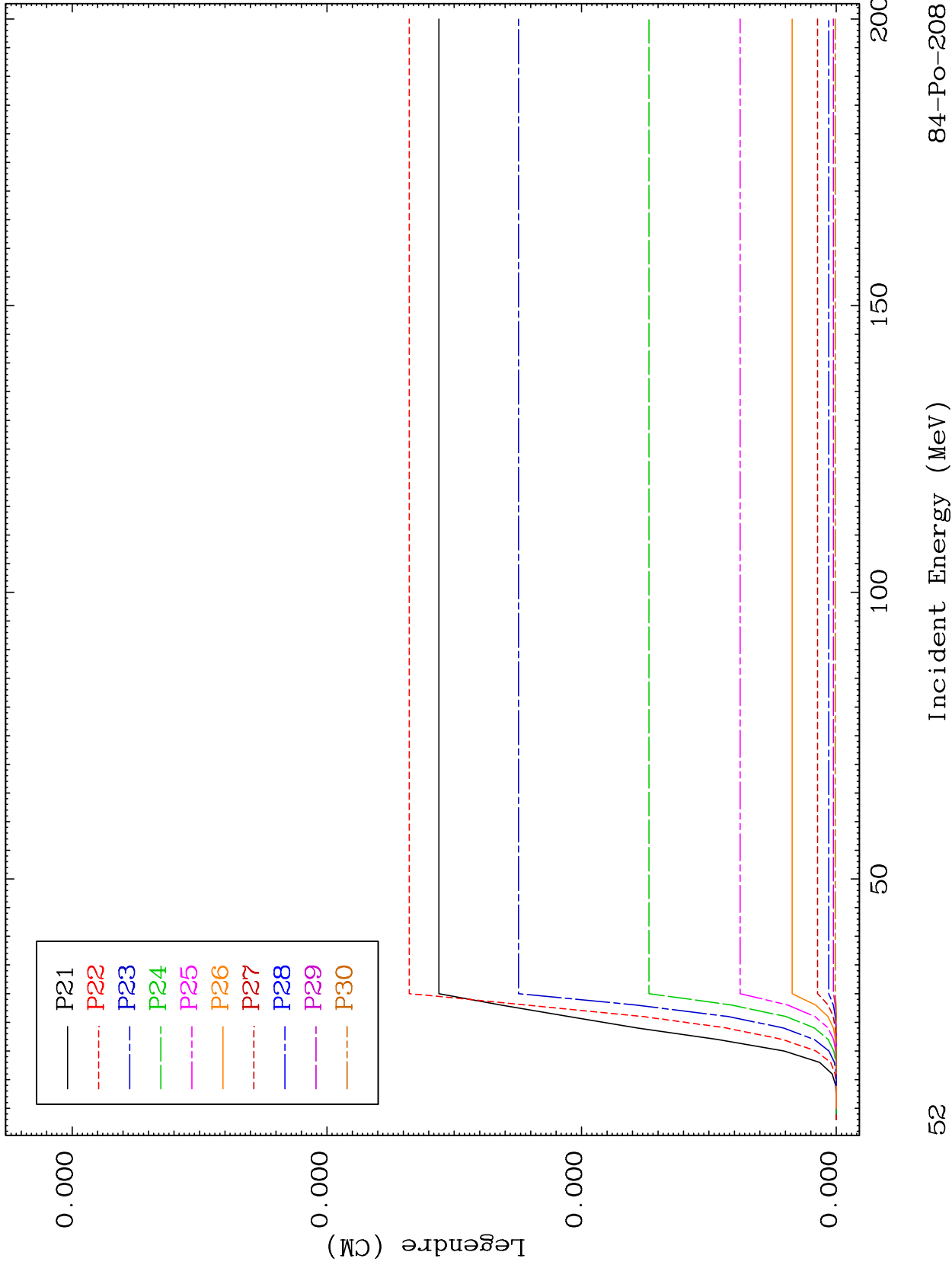




MAT 8431

1.583 MeV (n,n') Level
Legendre Coefficients

84-Po-208



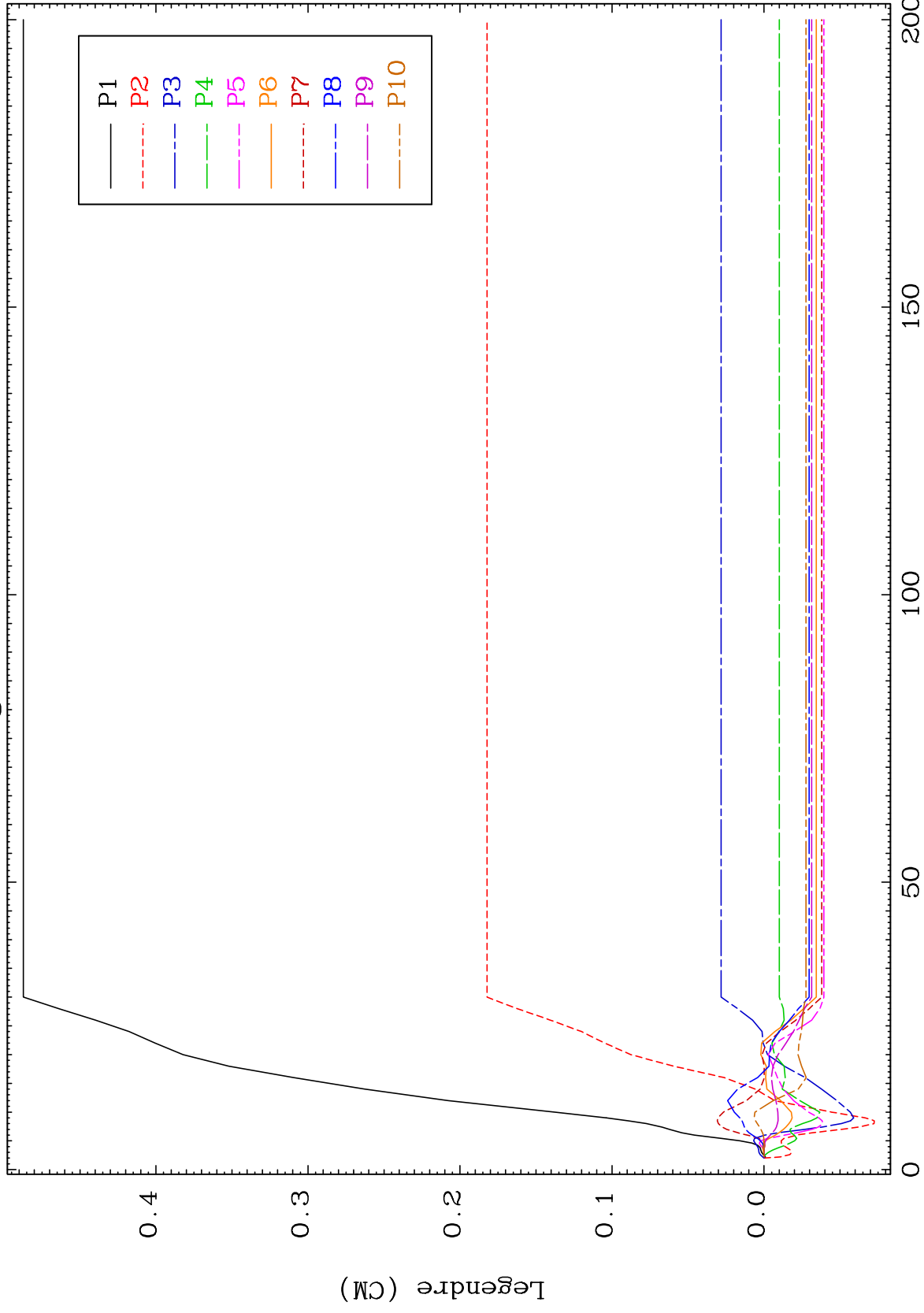
52

84-Po-208

MAT 8431

1.995 MeV (n,n') Level
Legendre Coefficients

84-Po-208



54

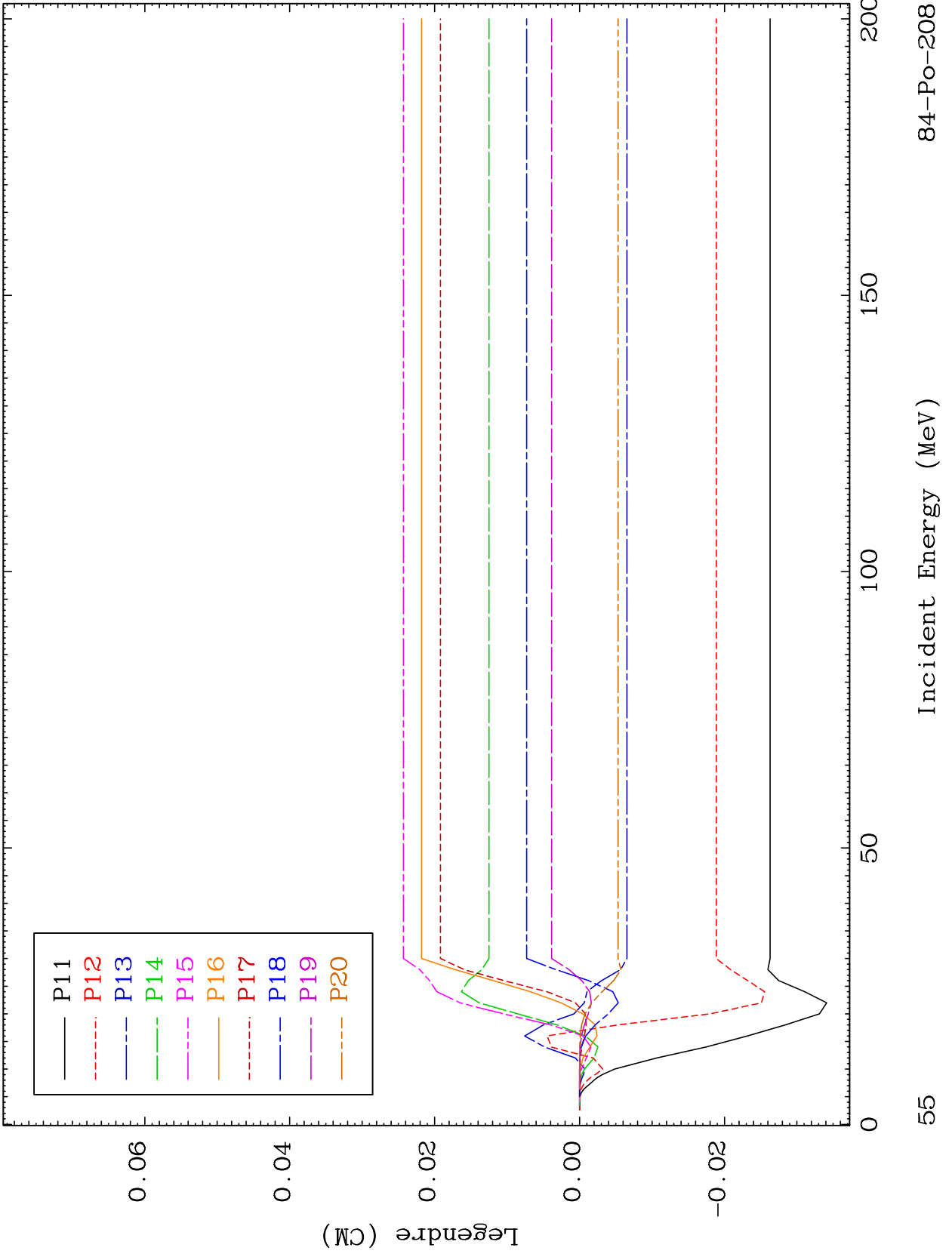
Incident Energy (MeV)

84-Po-208

MAT 8431

1.995 MeV (n,n') Level
Legendre Coefficients

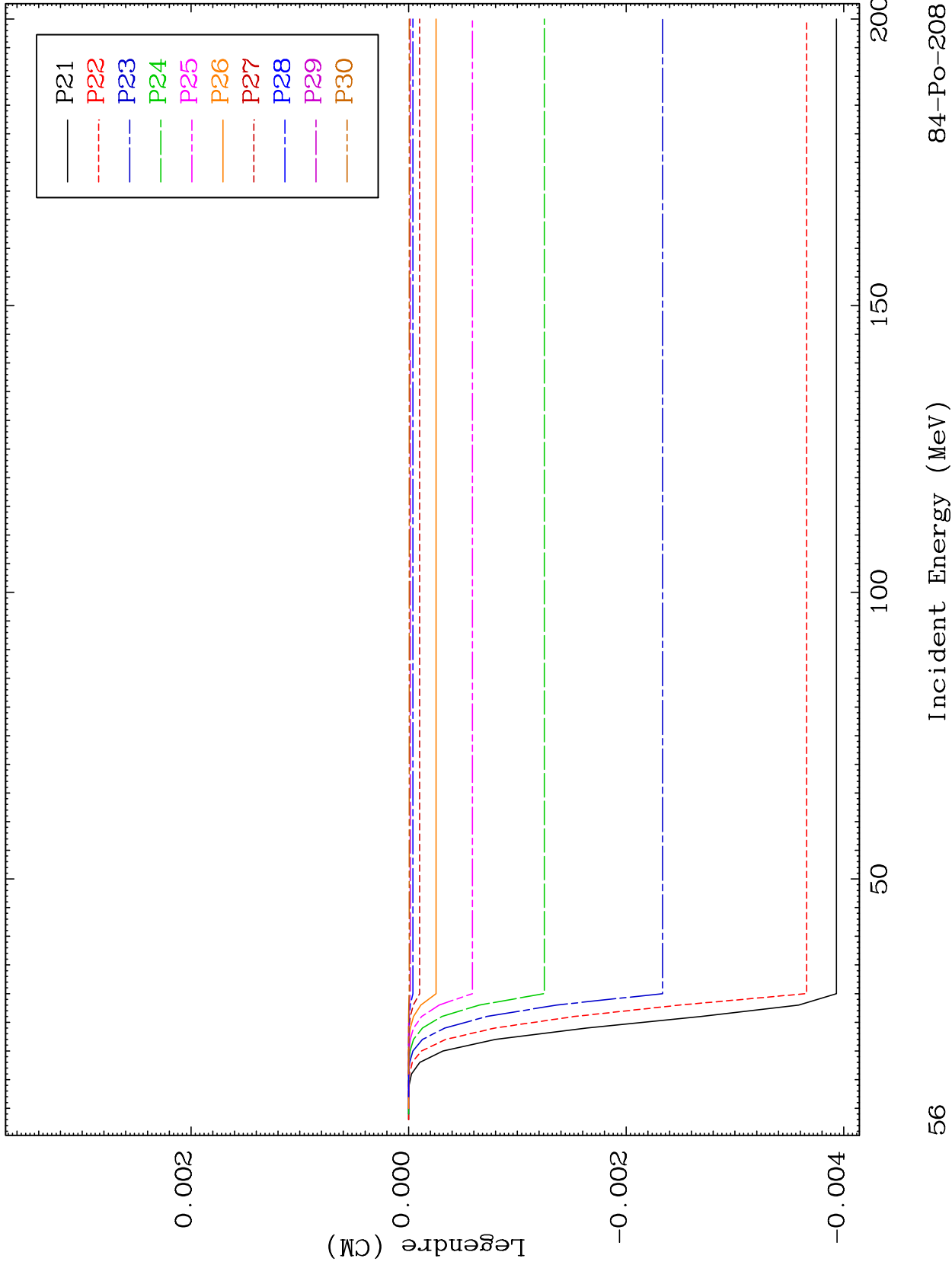
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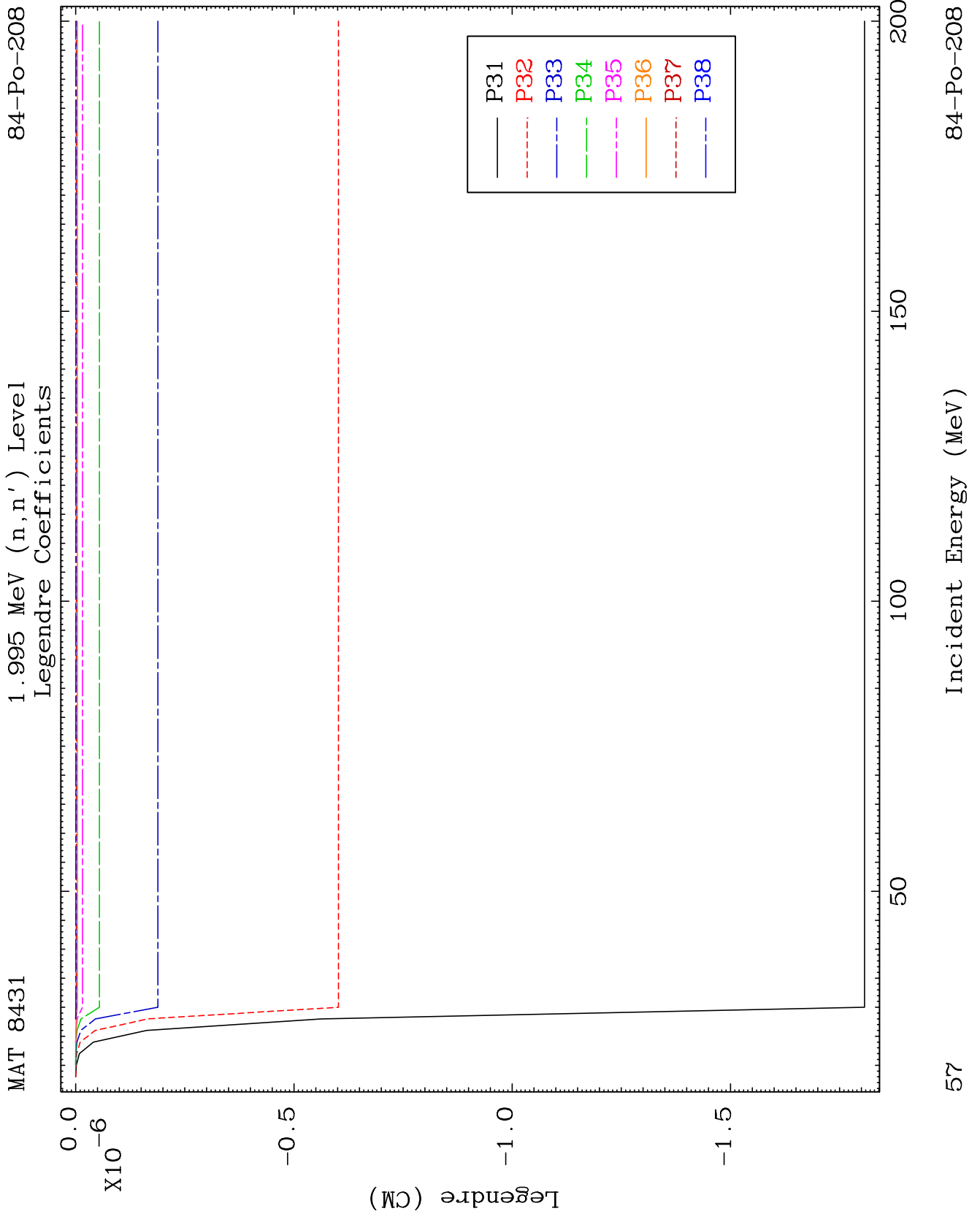


55

Incident Energy (MeV)

84-Po-208

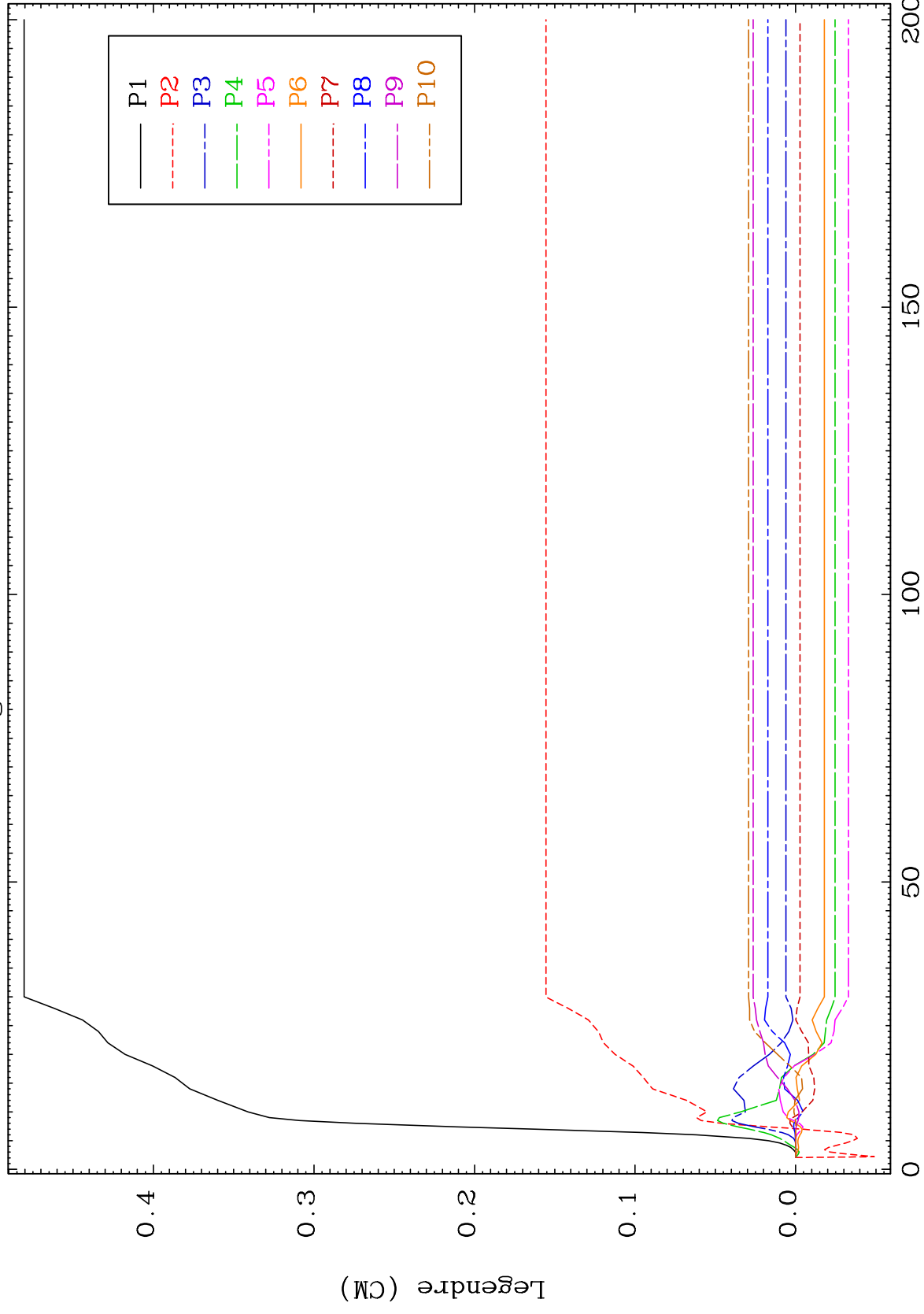




MAT 8431

2.041 MeV (n,n') Level
Legendre Coefficients

84-Po-208



58

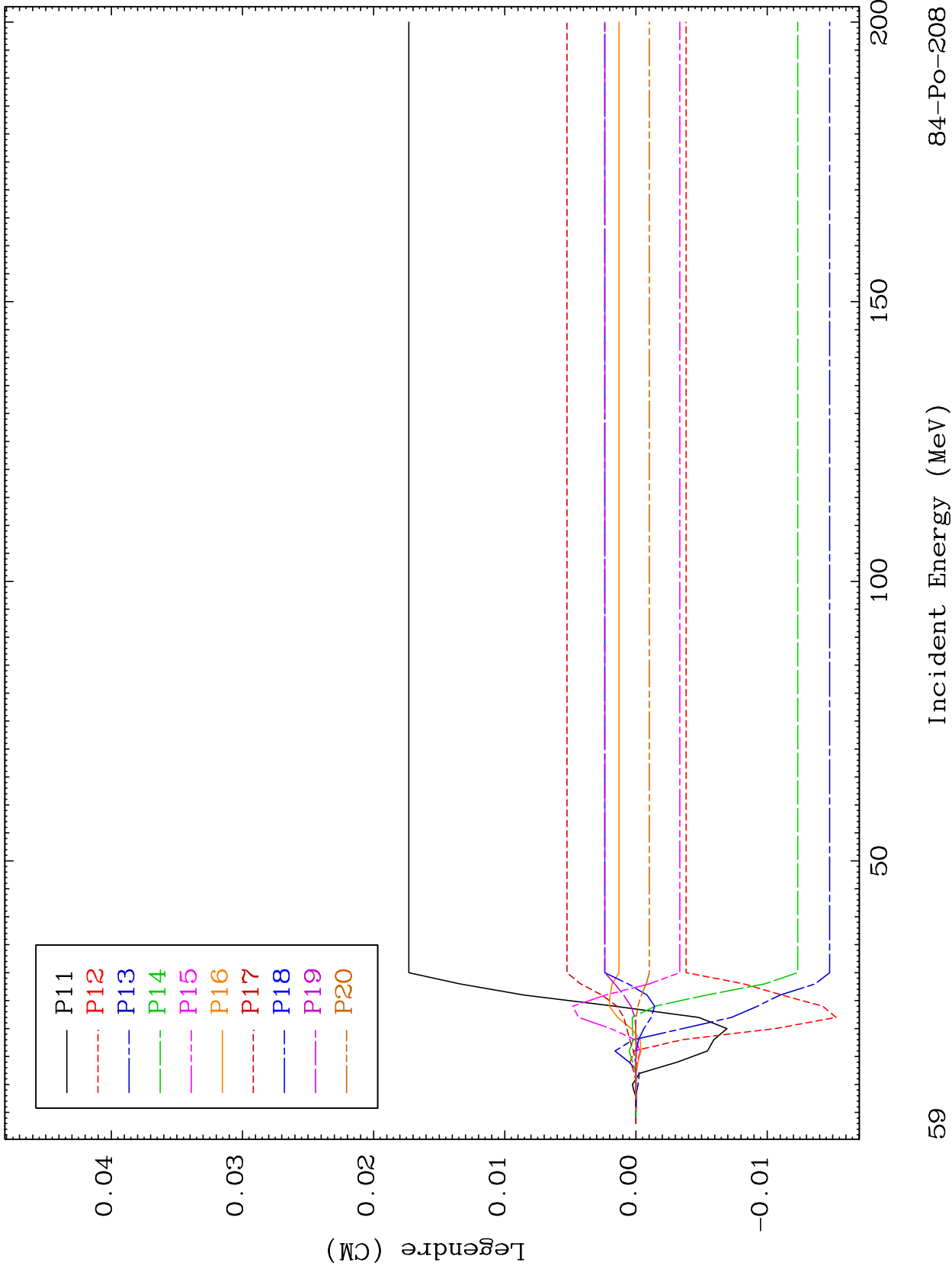
Incident Energy (MeV)

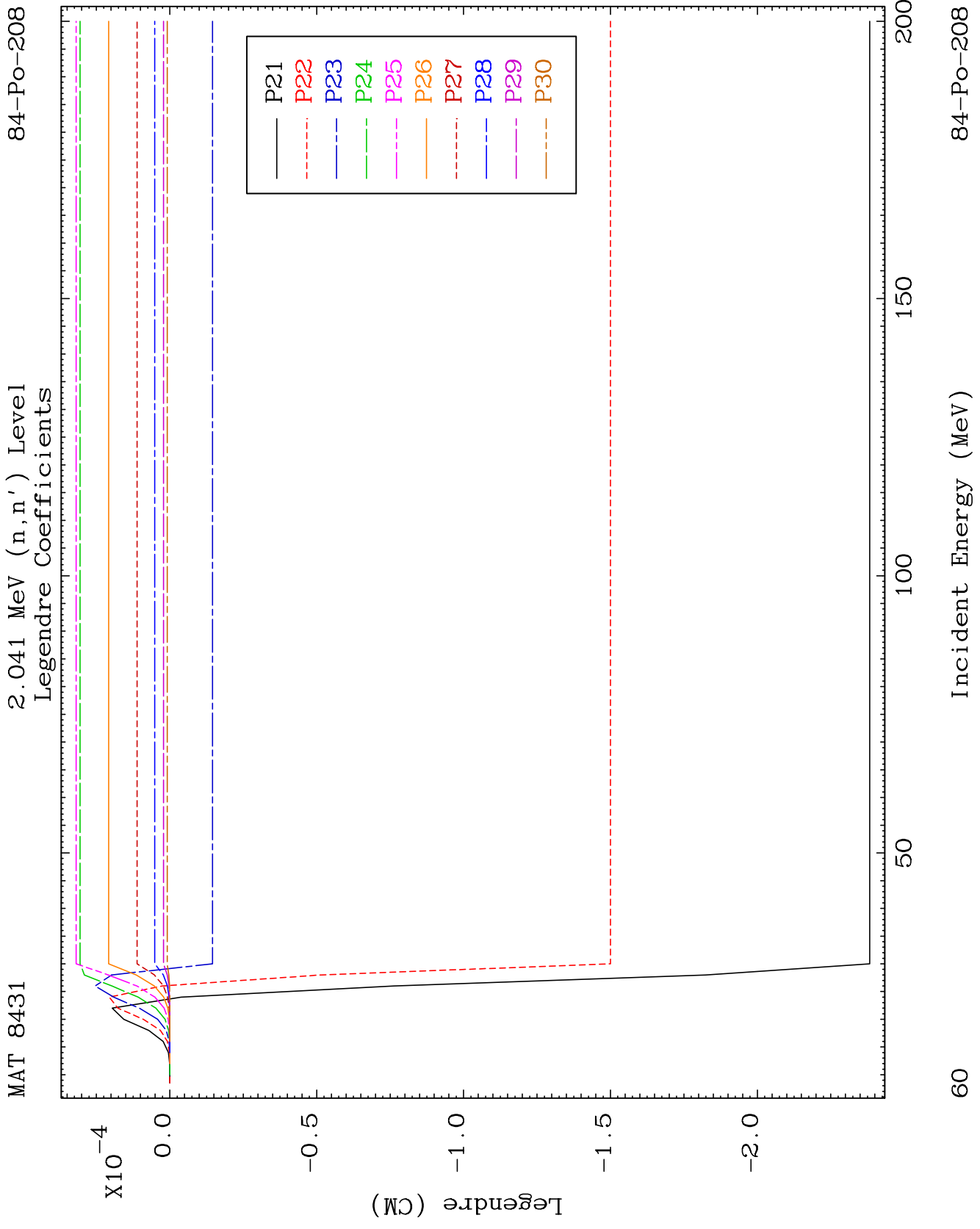
84-Po-208

MAT 8431

2.041 MeV (n,n') Level
Legendre Coefficients

84-Po-208

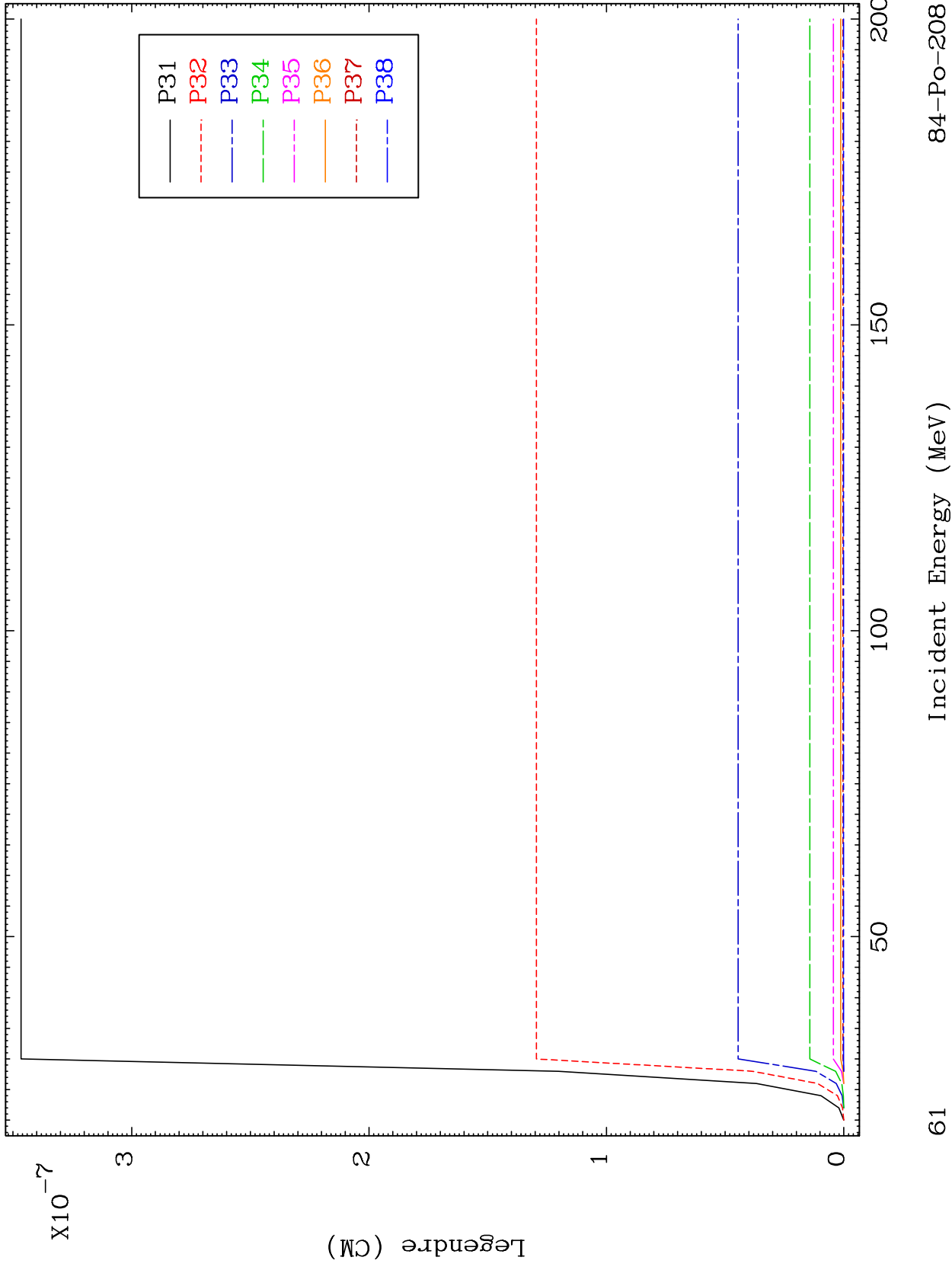


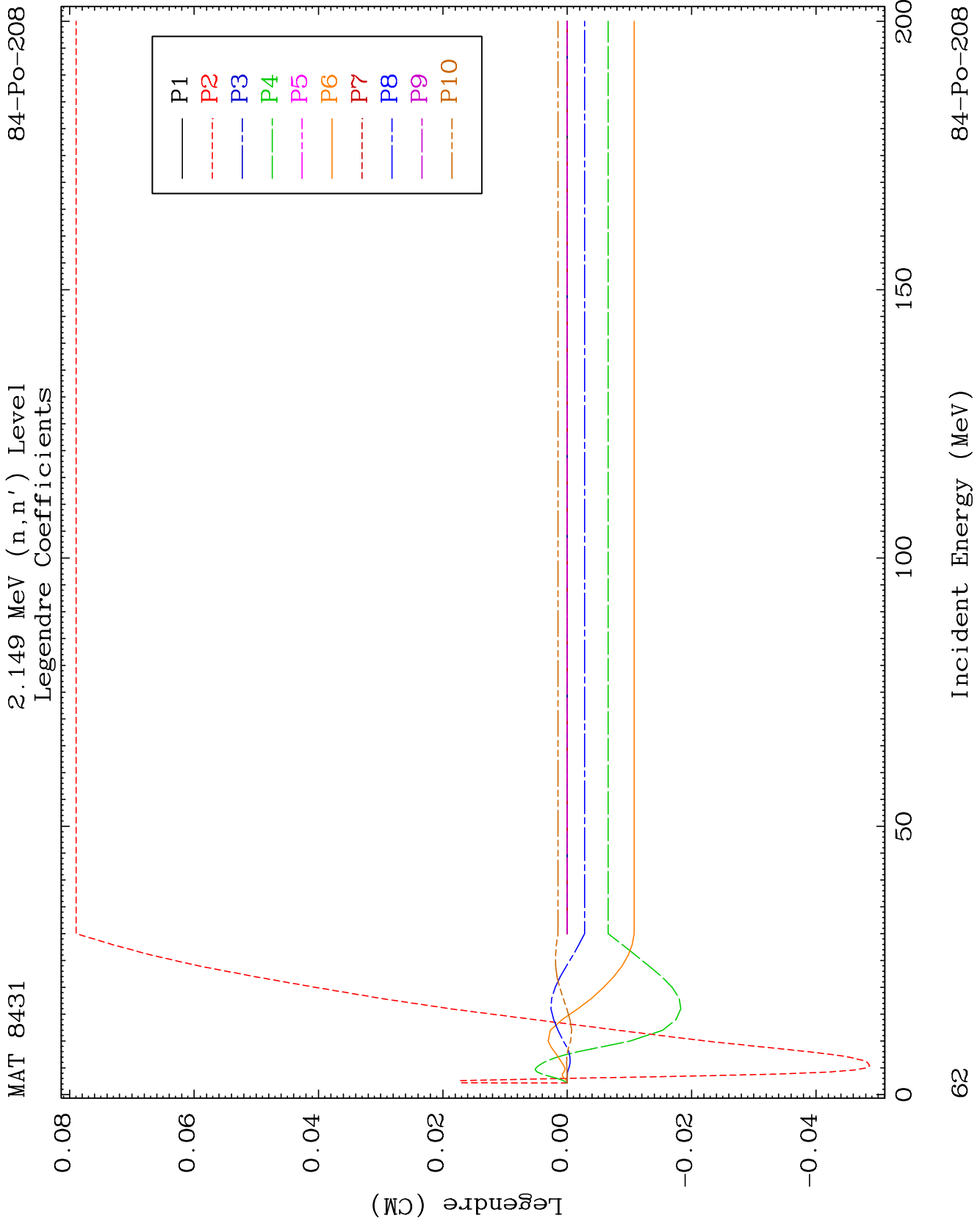


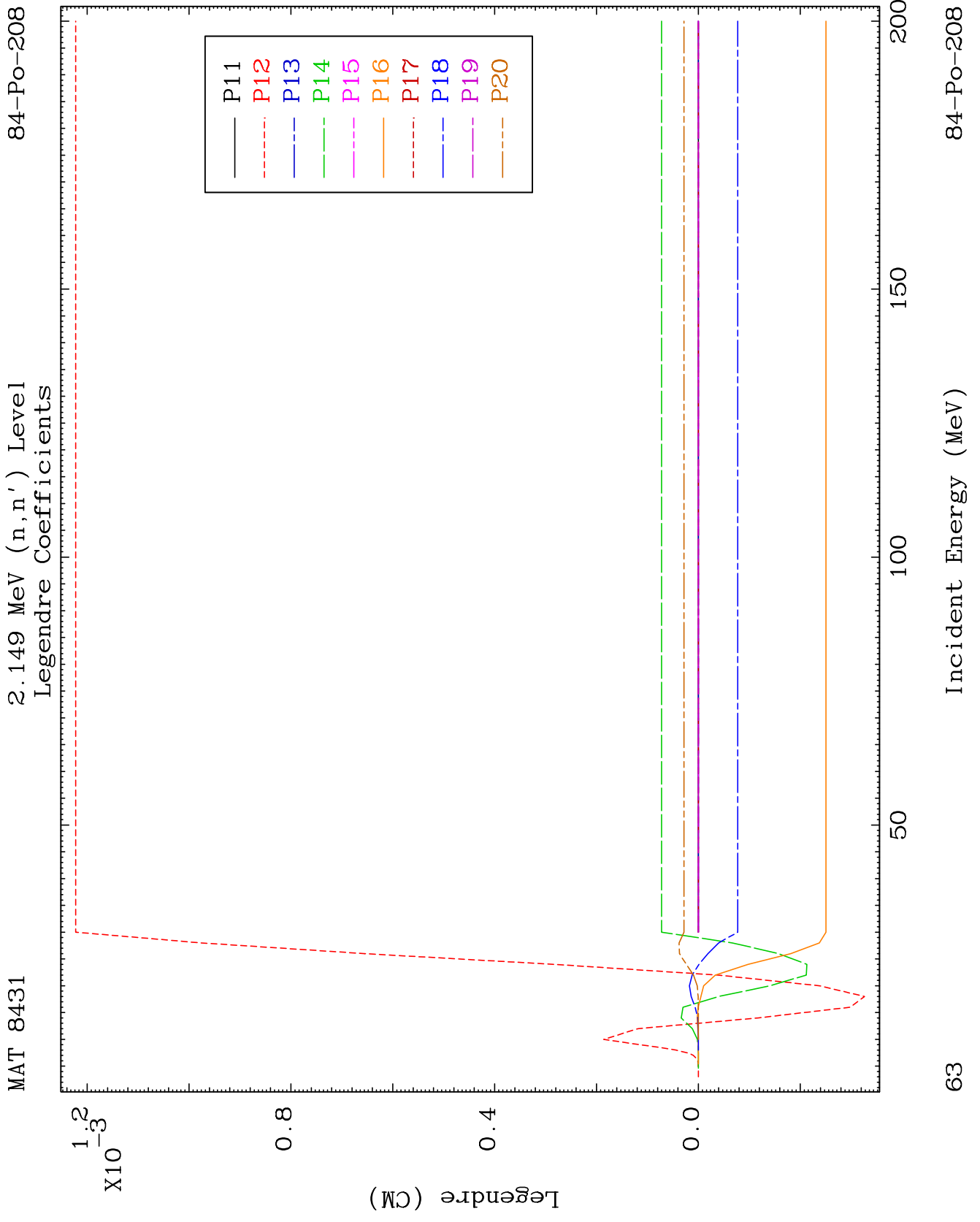
MAT 8431

2.041 MeV (n,n') Level
Legendre Coefficients

84-Po-208



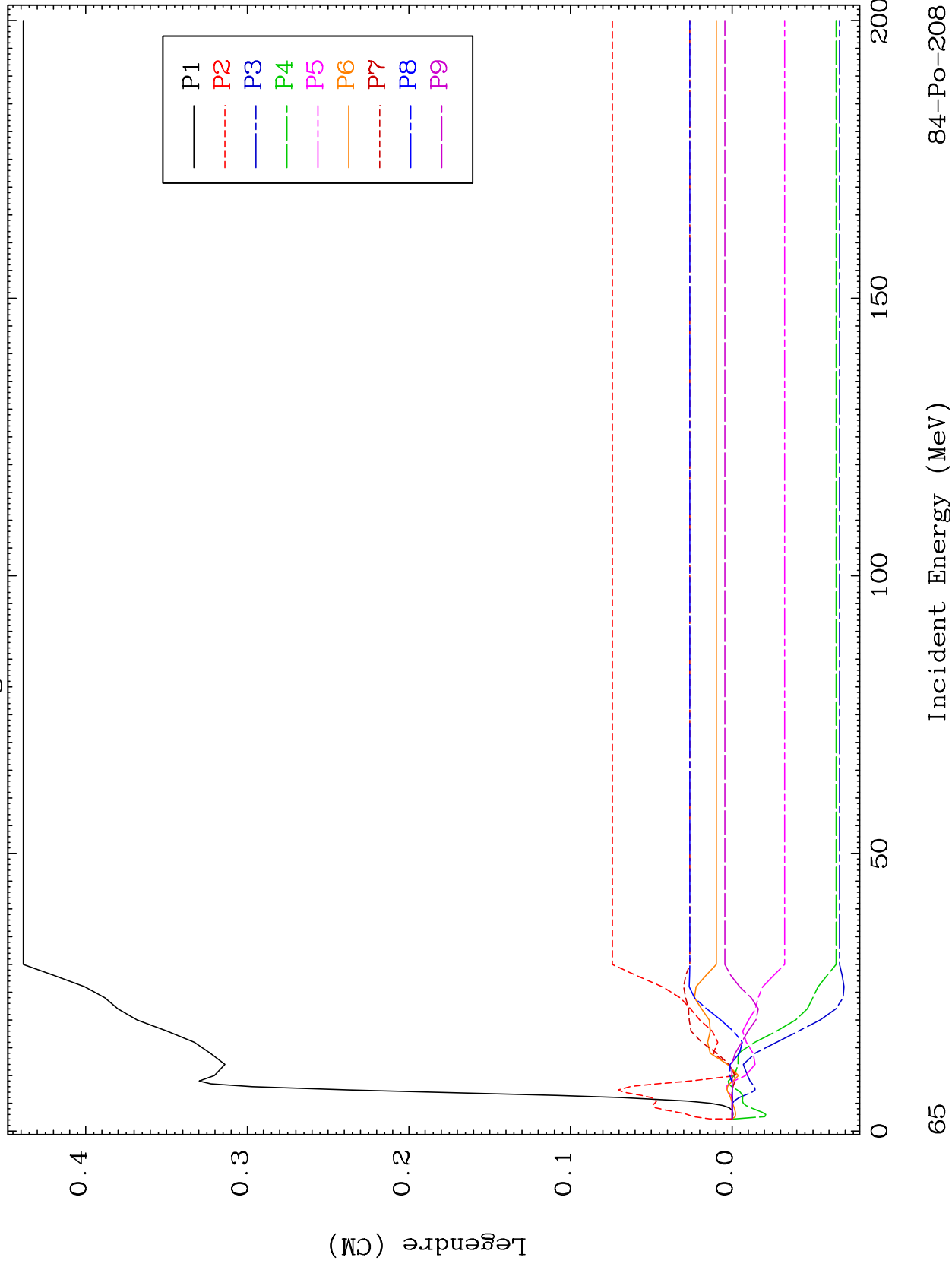




MAT 8431

2.160 MeV (n,n') Level
Legendre Coefficients

84-Po-208



84-Po-208

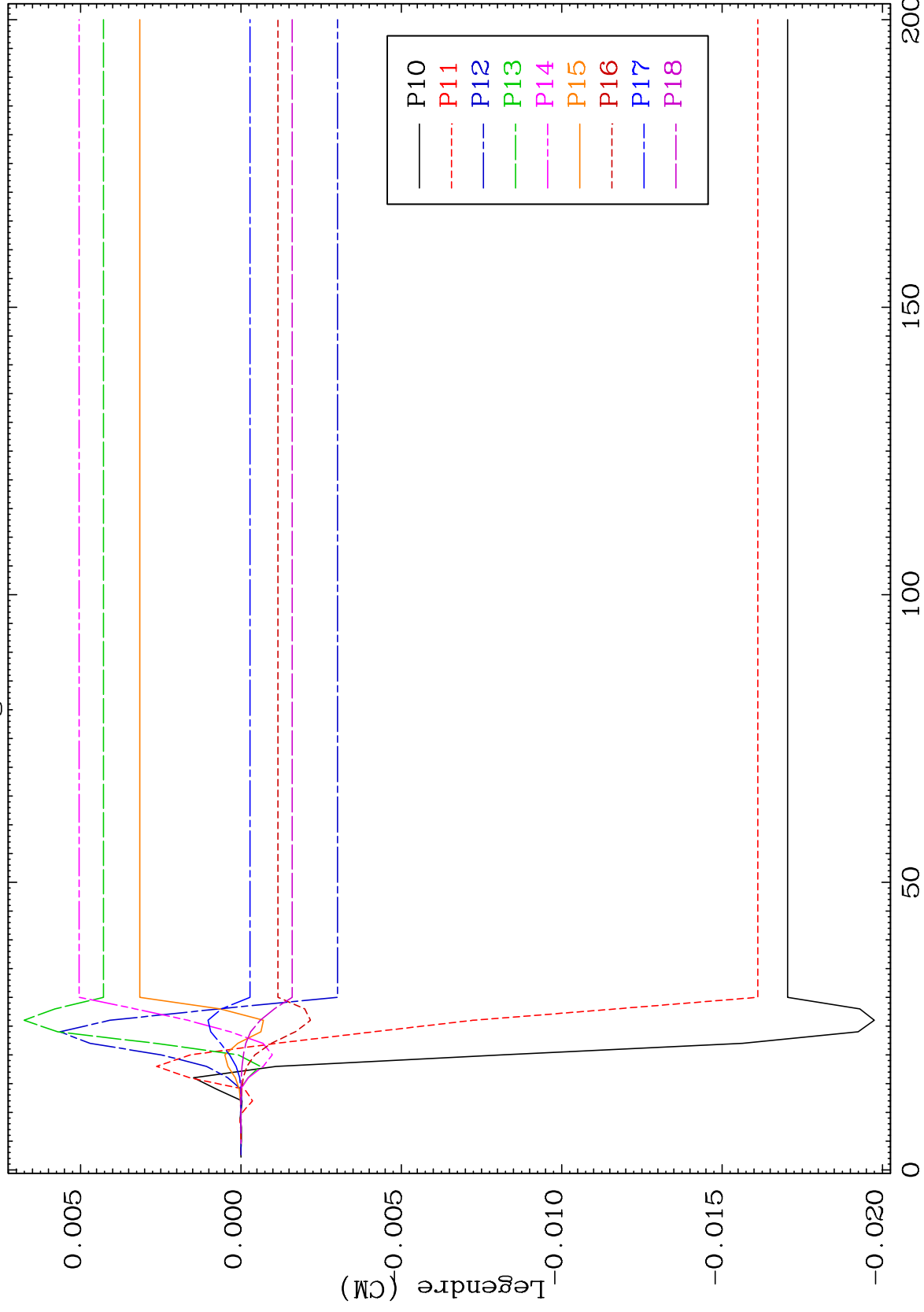
Incident Energy (MeV)

65

MAT 8431

2.160 MeV (n,n') Level
Legendre Coefficients

84-Po-208



66

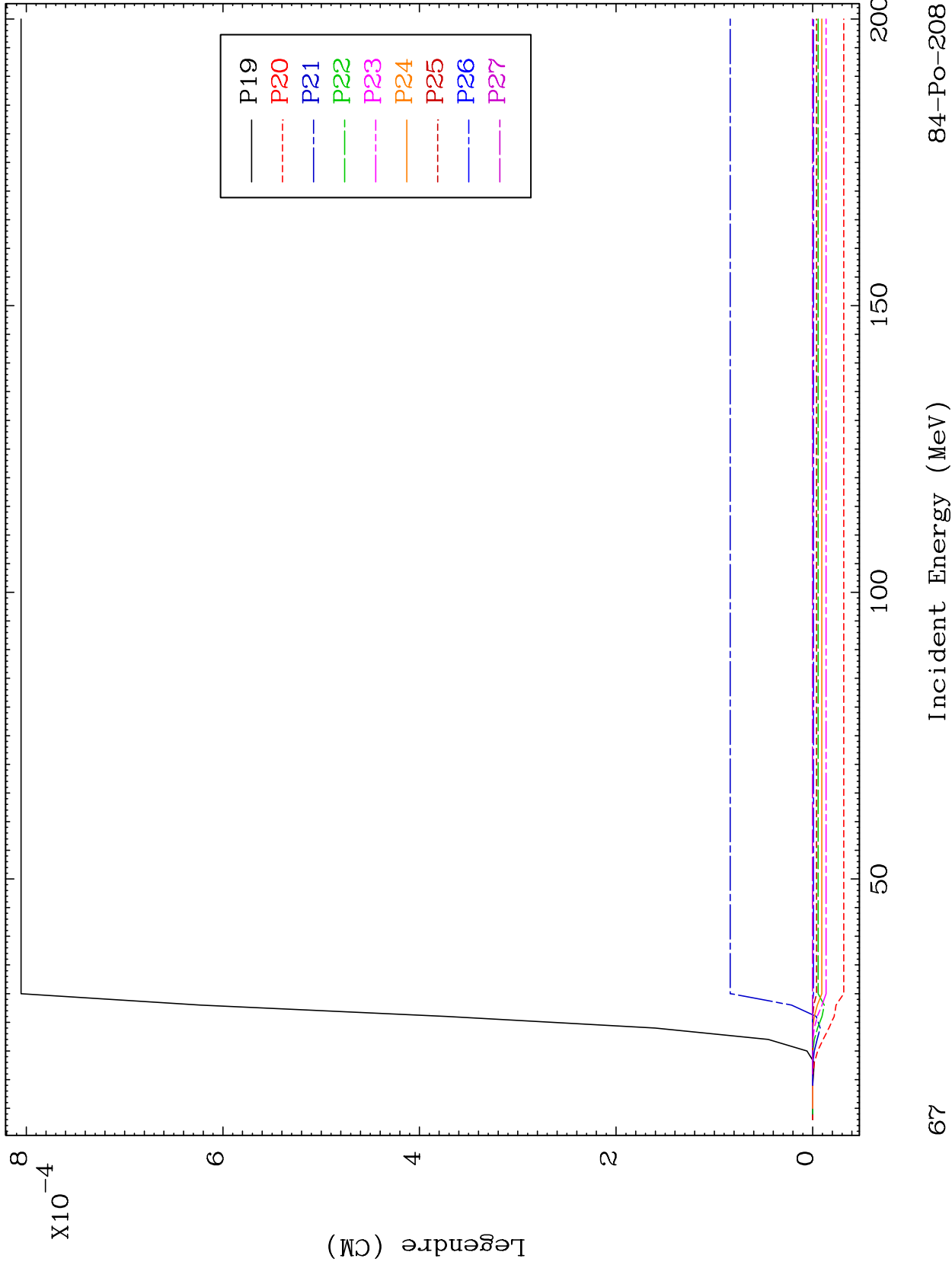
Incident Energy (MeV)

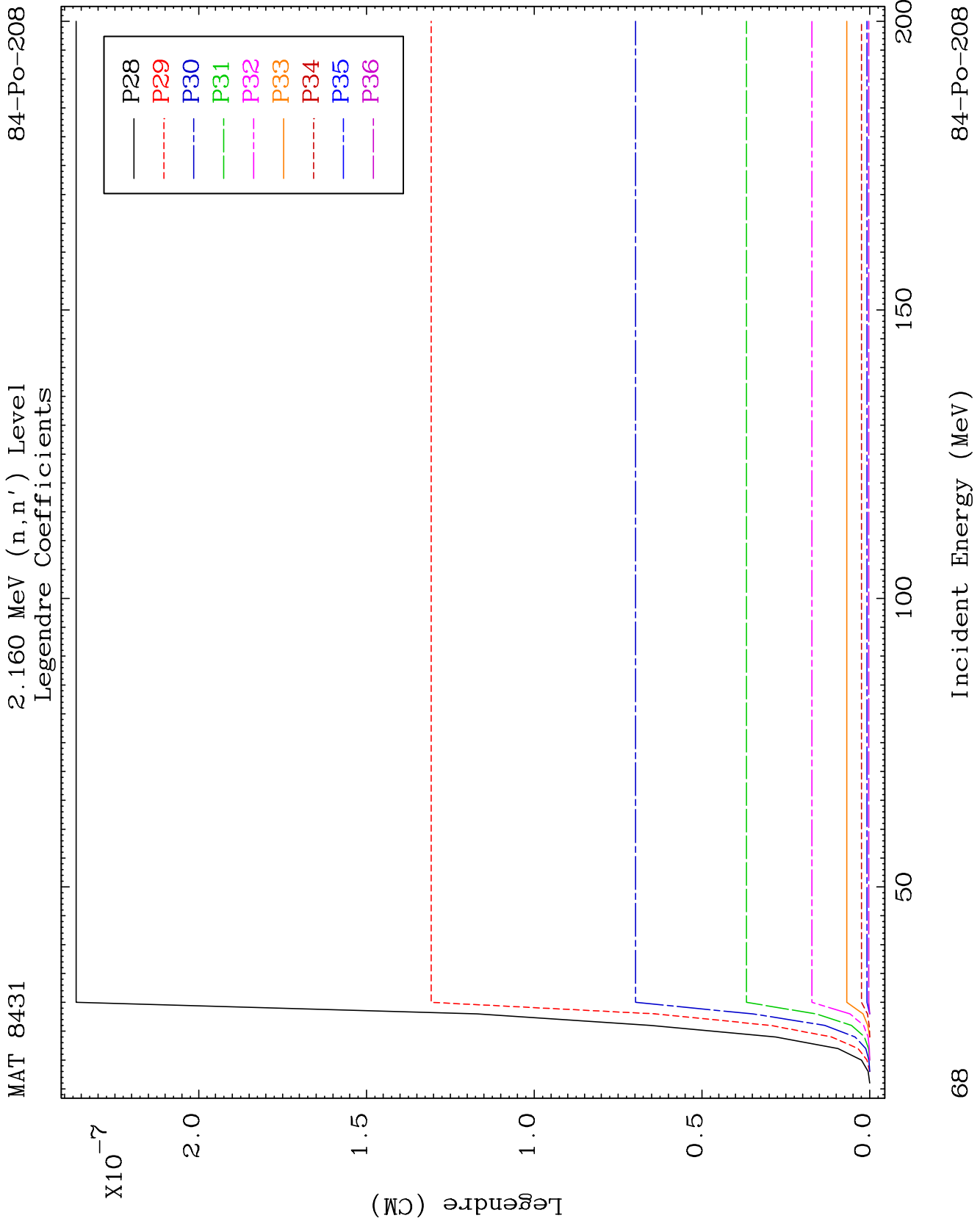
84-Po-208

MAT 8431

2.160 MeV (n,n') Level
Legendre Coefficients

84-Po-208

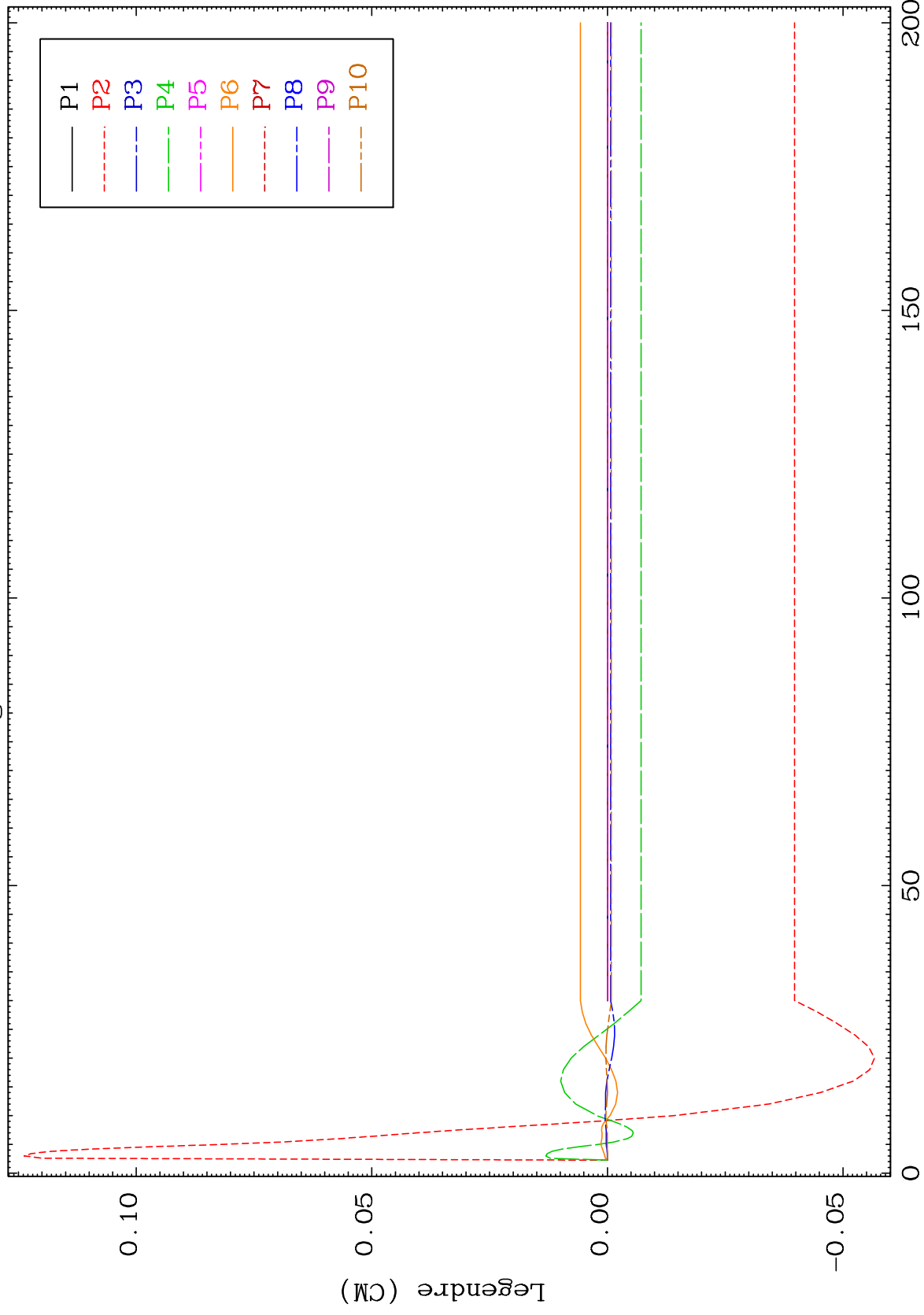




MAT 8431

2.241 MeV (n,n') Level
Legendre Coefficients

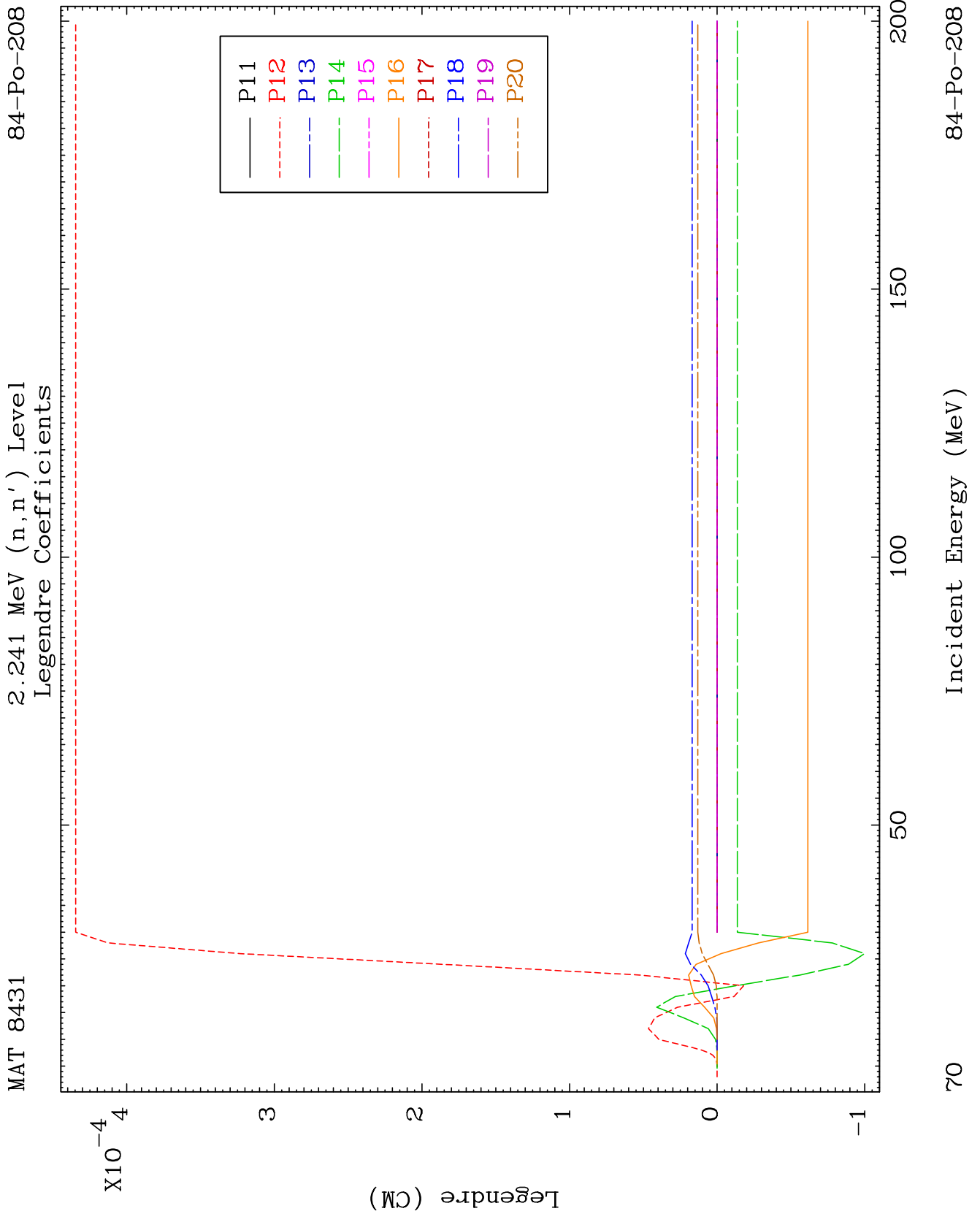
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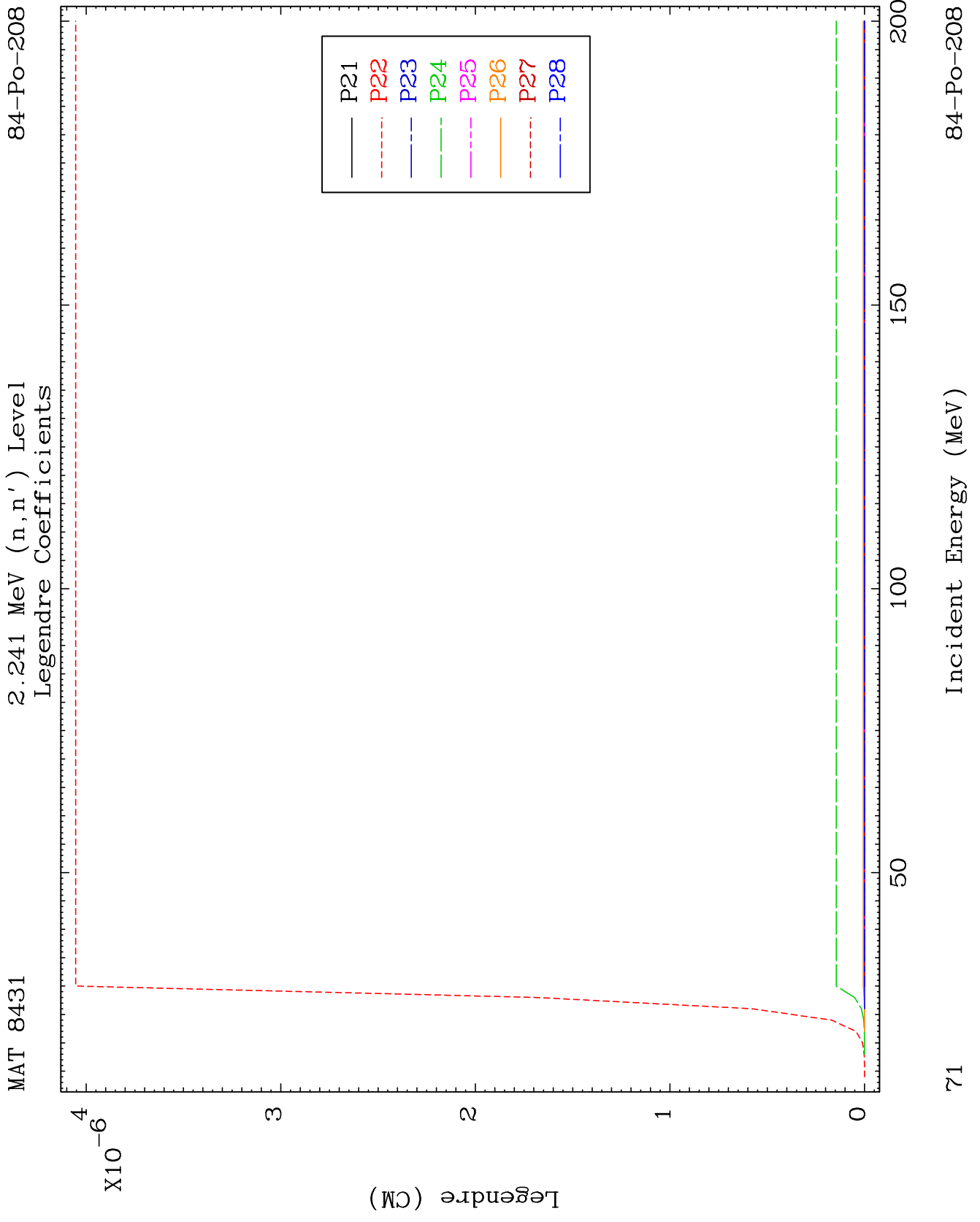


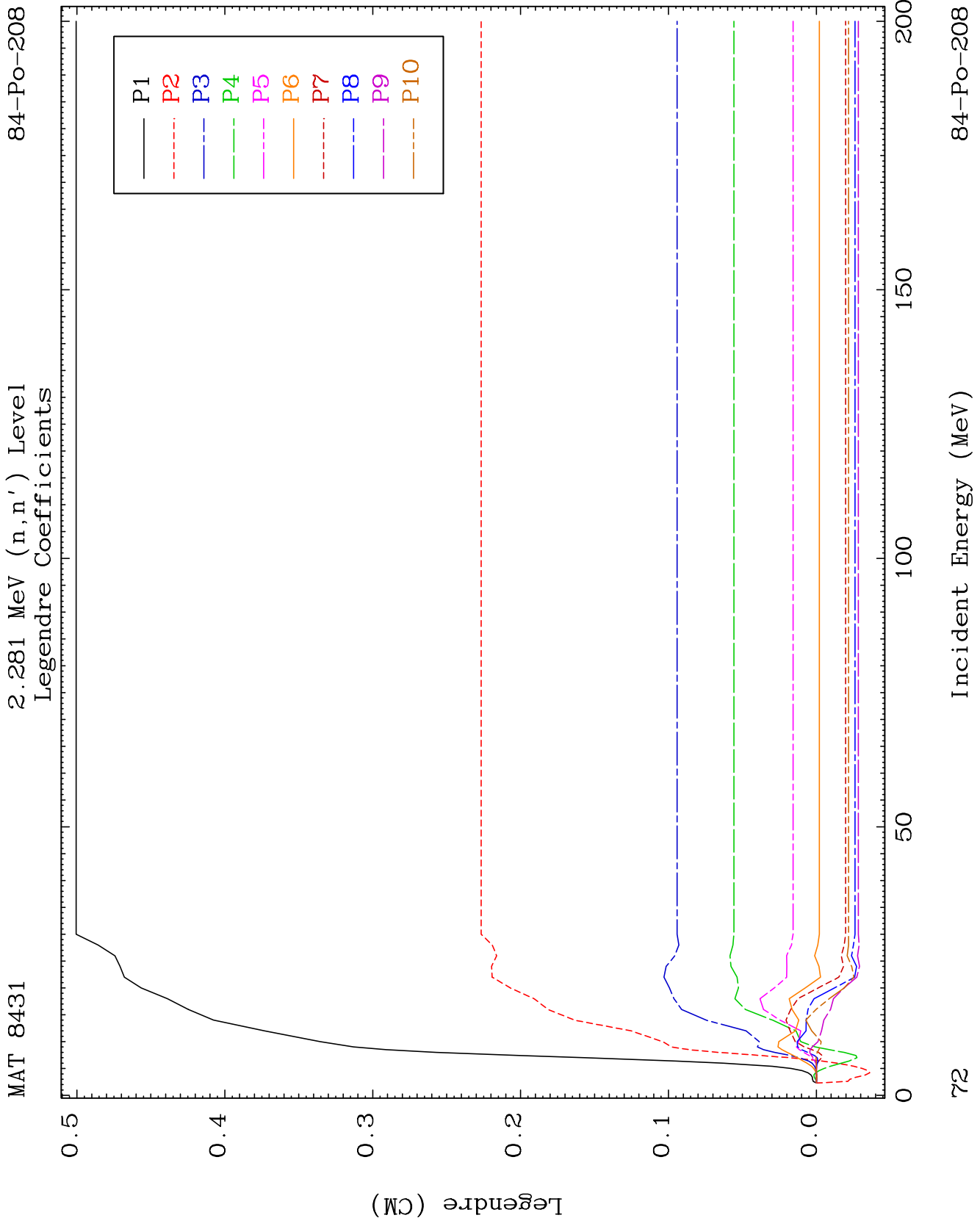
69

Incident Energy (MeV)

84-Po-208



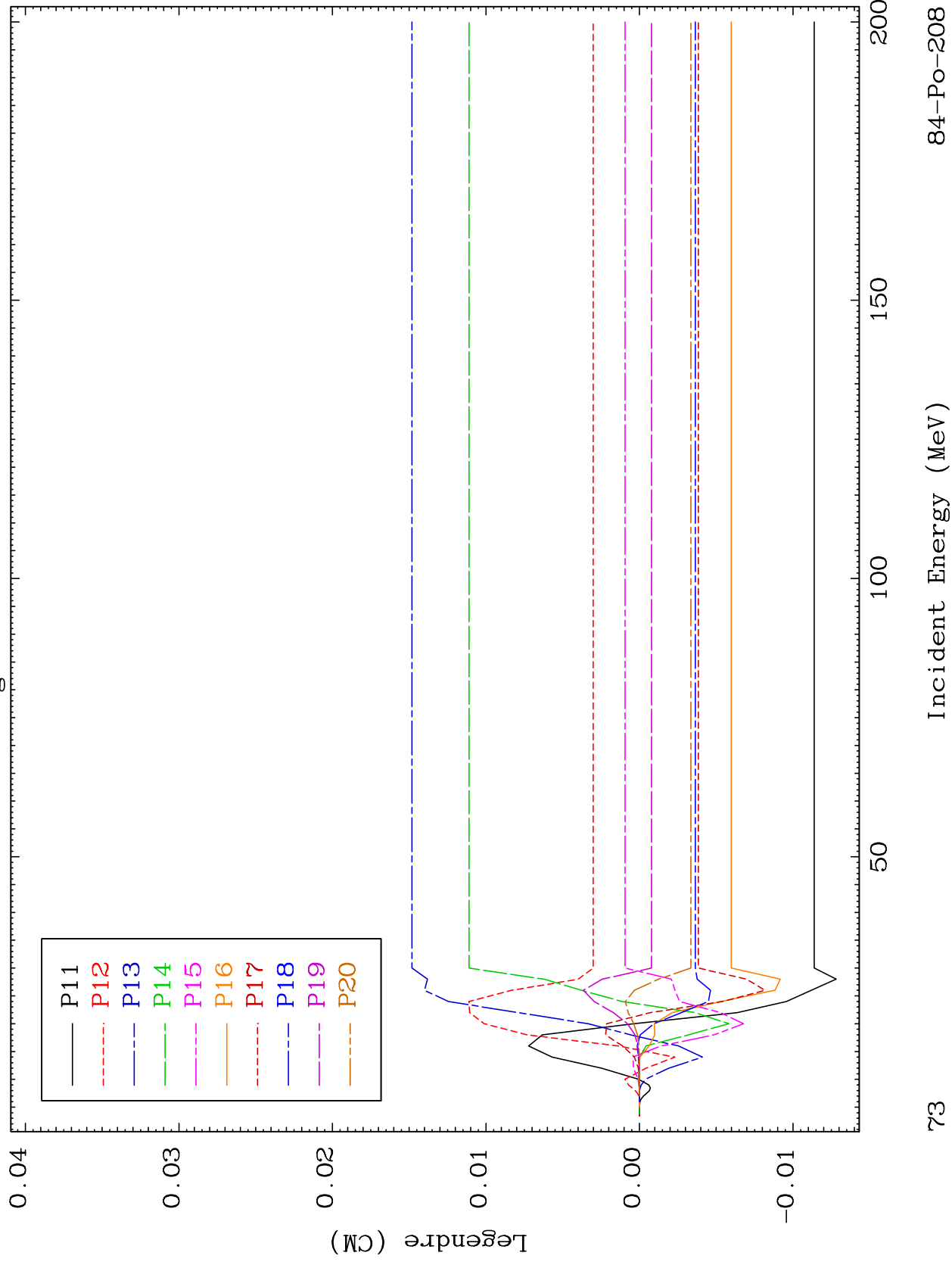




MAT 8431

2.281 MeV (n, n') Level
Legendre Coefficients

84-Po-208



73

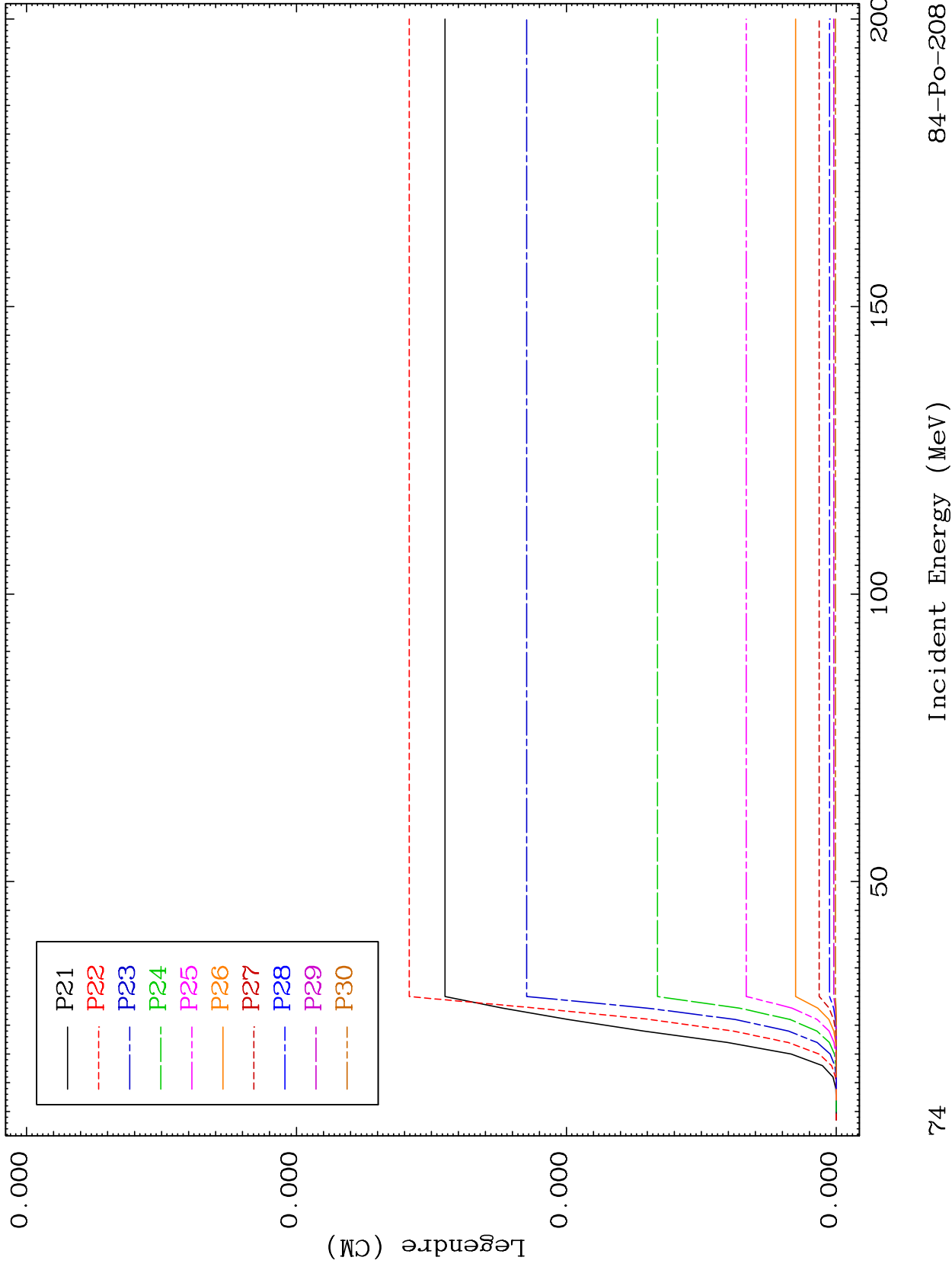
Incident Energy (MeV)

84-Po-208

MAT 8431

2.281 MeV (n,n') Level
Legendre Coefficients

84-Po-208

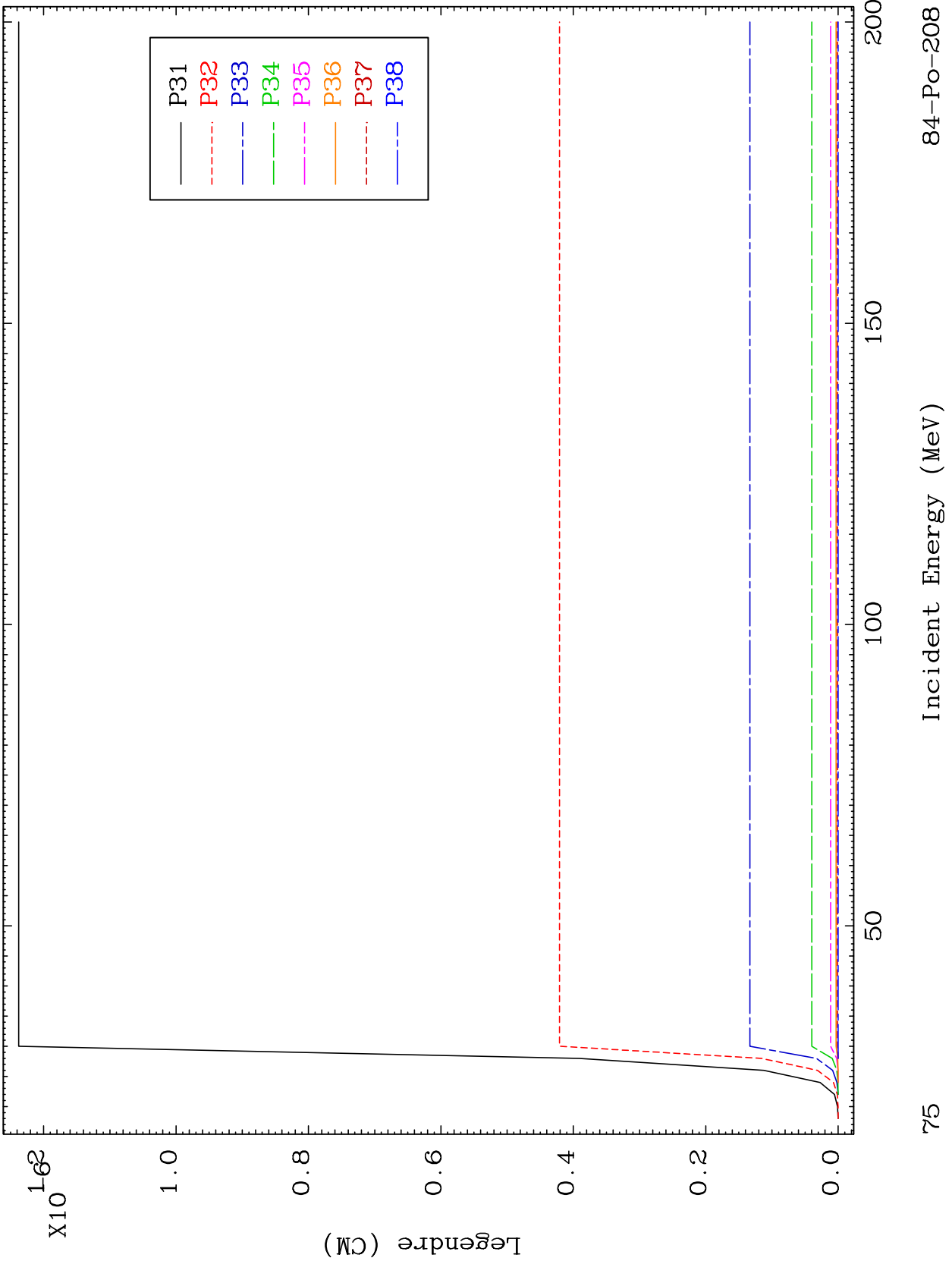


74

MAT 8431

2.281 MeV (n, n') Level
Legendre Coefficients

84-Po-208



84-Po-208

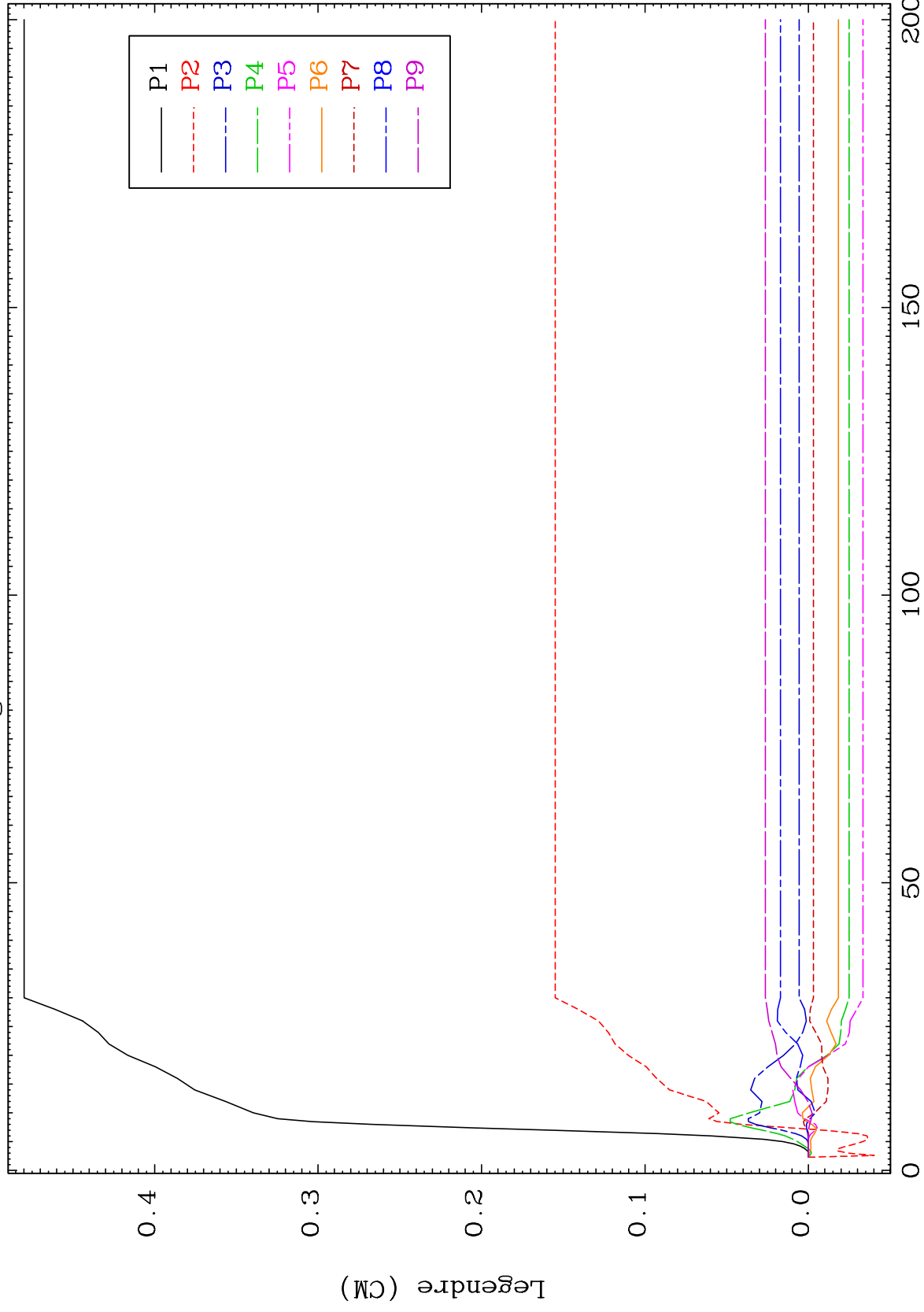
Incident Energy (MeV)

75

MAT 8431

2.294 MeV (n,n') Level
Legendre Coefficients

84-Po-208



76

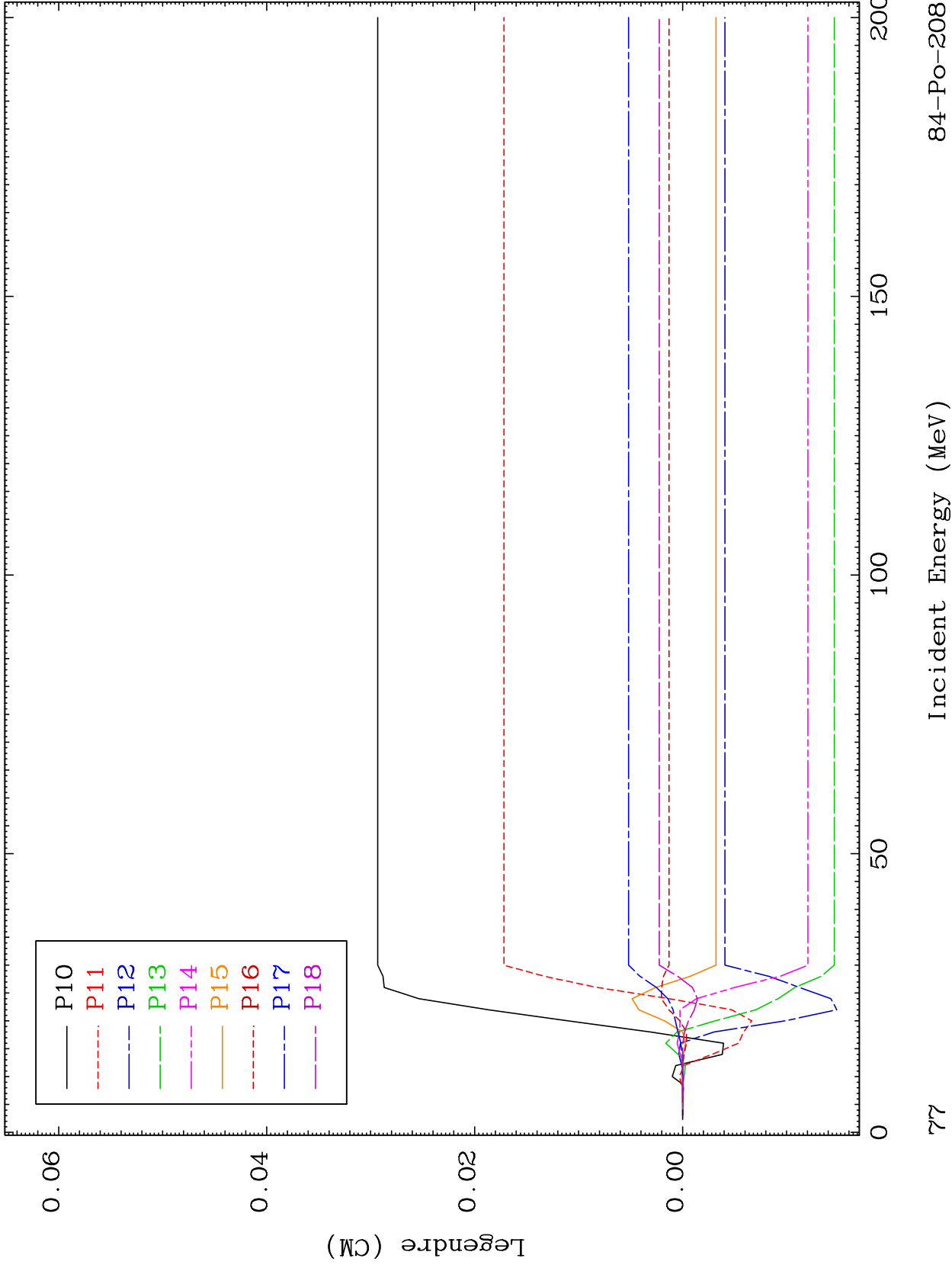
Incident Energy (MeV)

84-Po-208

MAT 8431

2.294 MeV (n,n') Level
Legendre Coefficients

84-Po-208

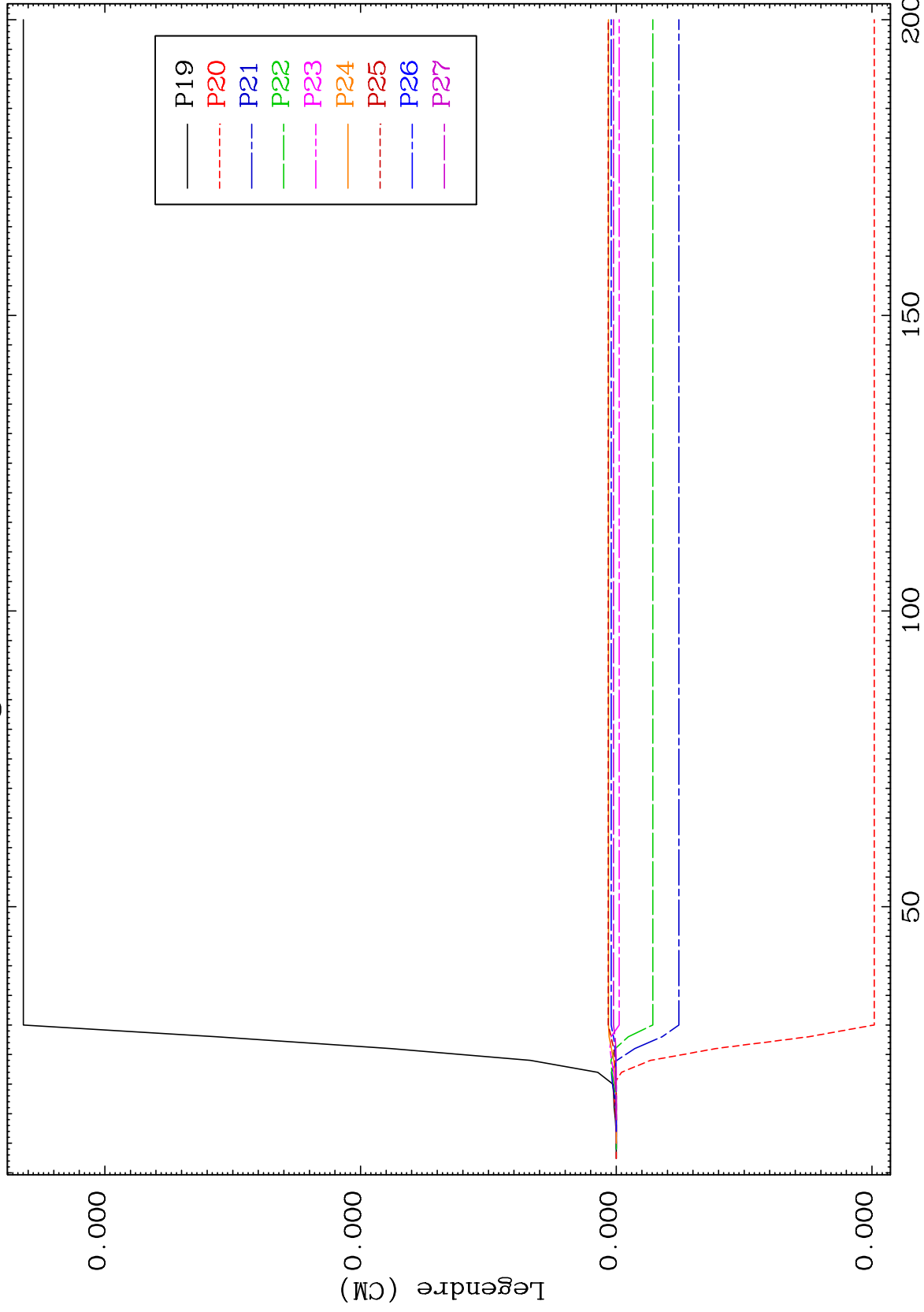


77

MAT 8431

2.294 MeV (n,n') Level
Legendre Coefficients

84-Po-208



78

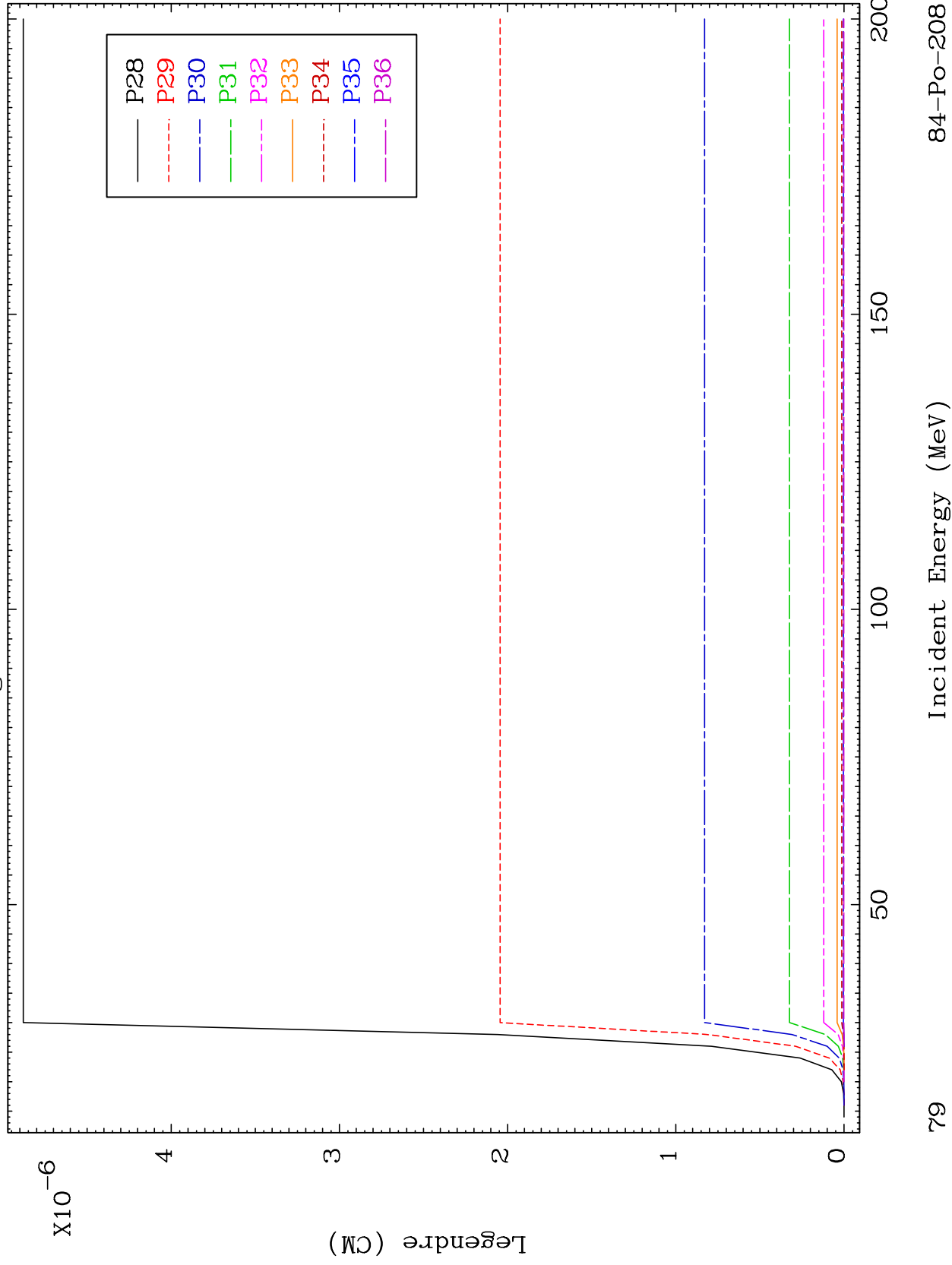
Incident Energy (MeV)

84-Po-208

MAT 8431

2.294 MeV (n,n') Level
Legendre Coefficients

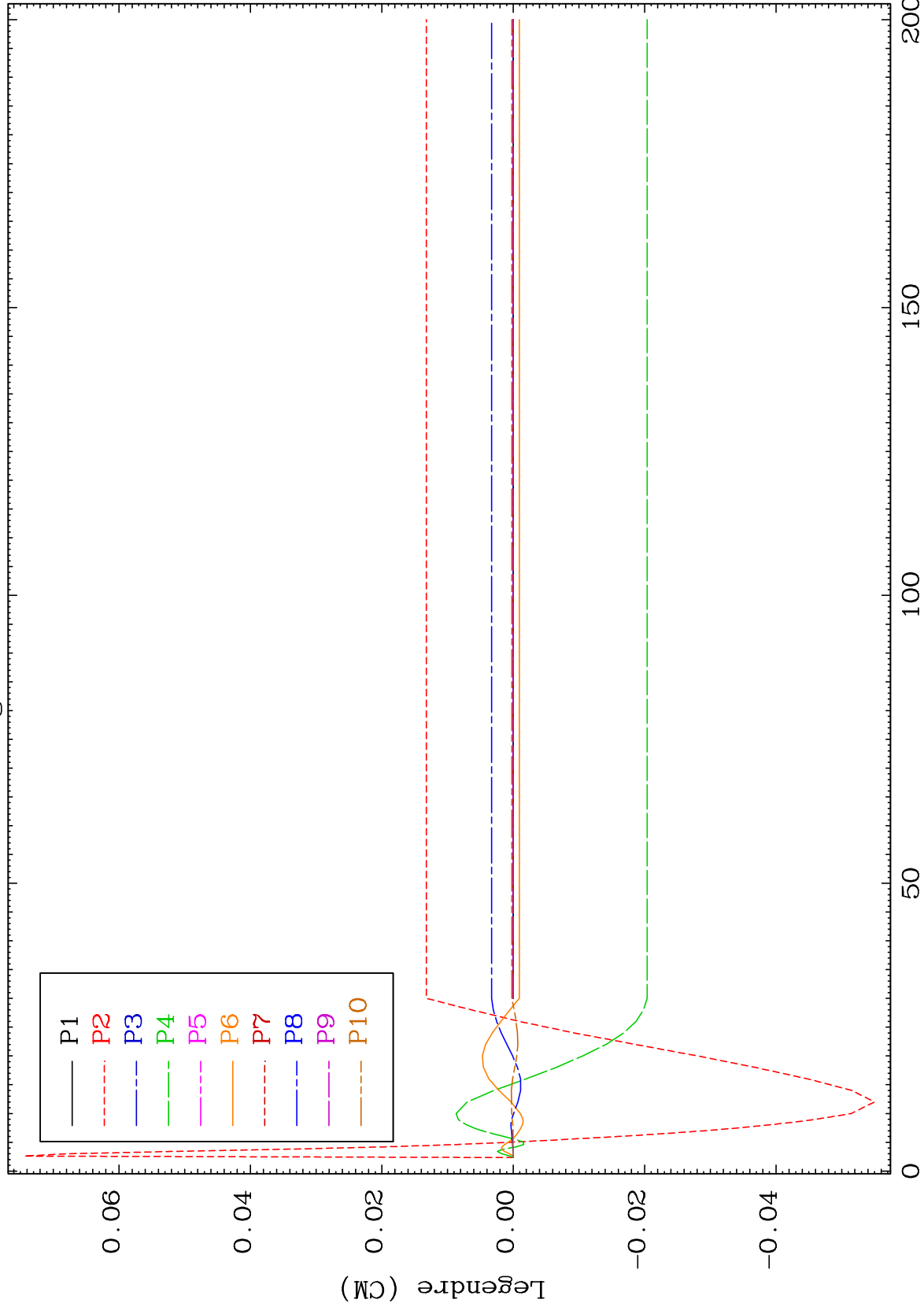
84-Po-208



MAT 8431

2.335 MeV (n,n') Level
Legendre Coefficients

84-Po-208



84-Po-208

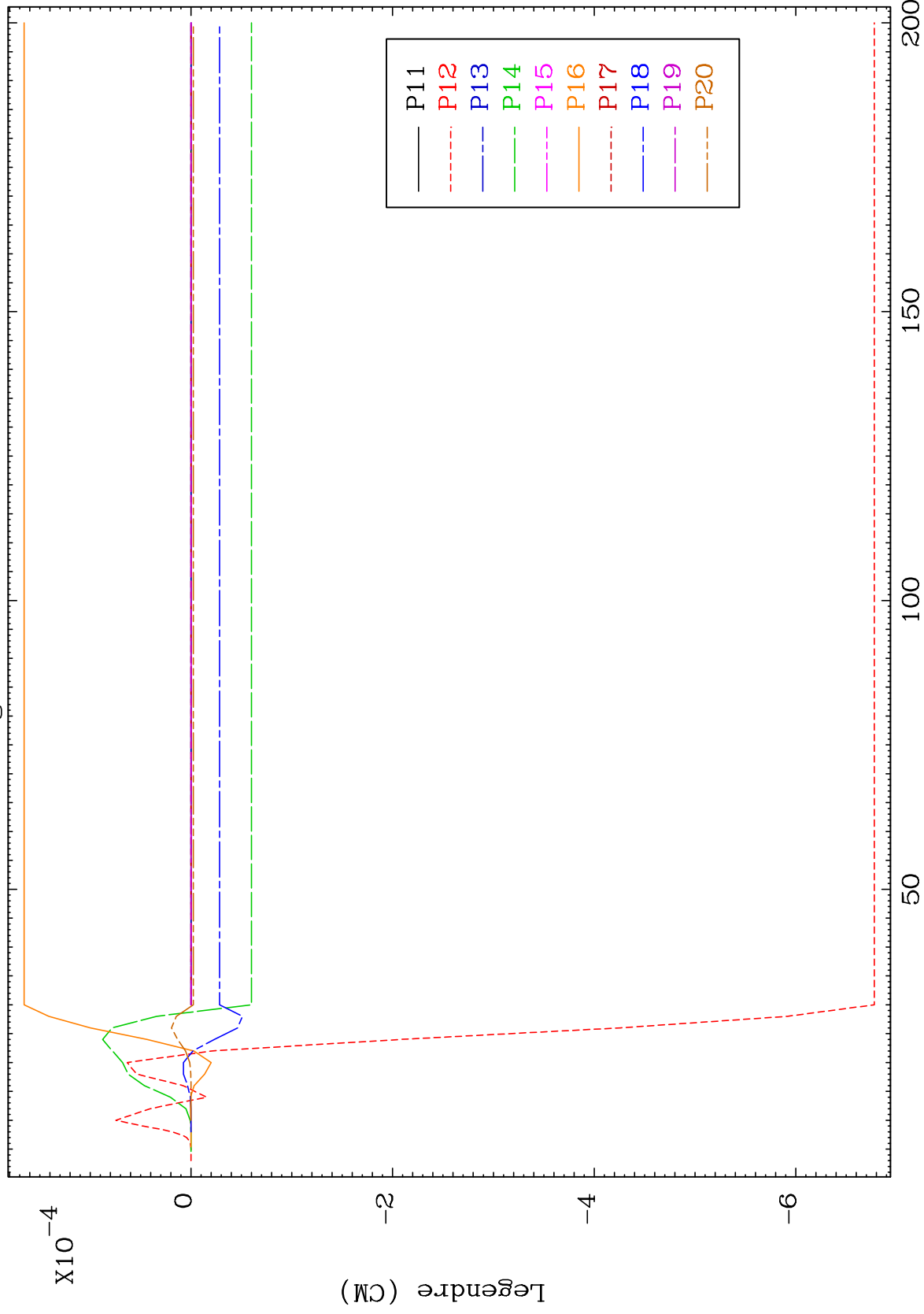
Incident Energy (MeV)

80

MAT 8431

2.335 MeV (n,n') Level
Legendre Coefficients

84-Po-208



81

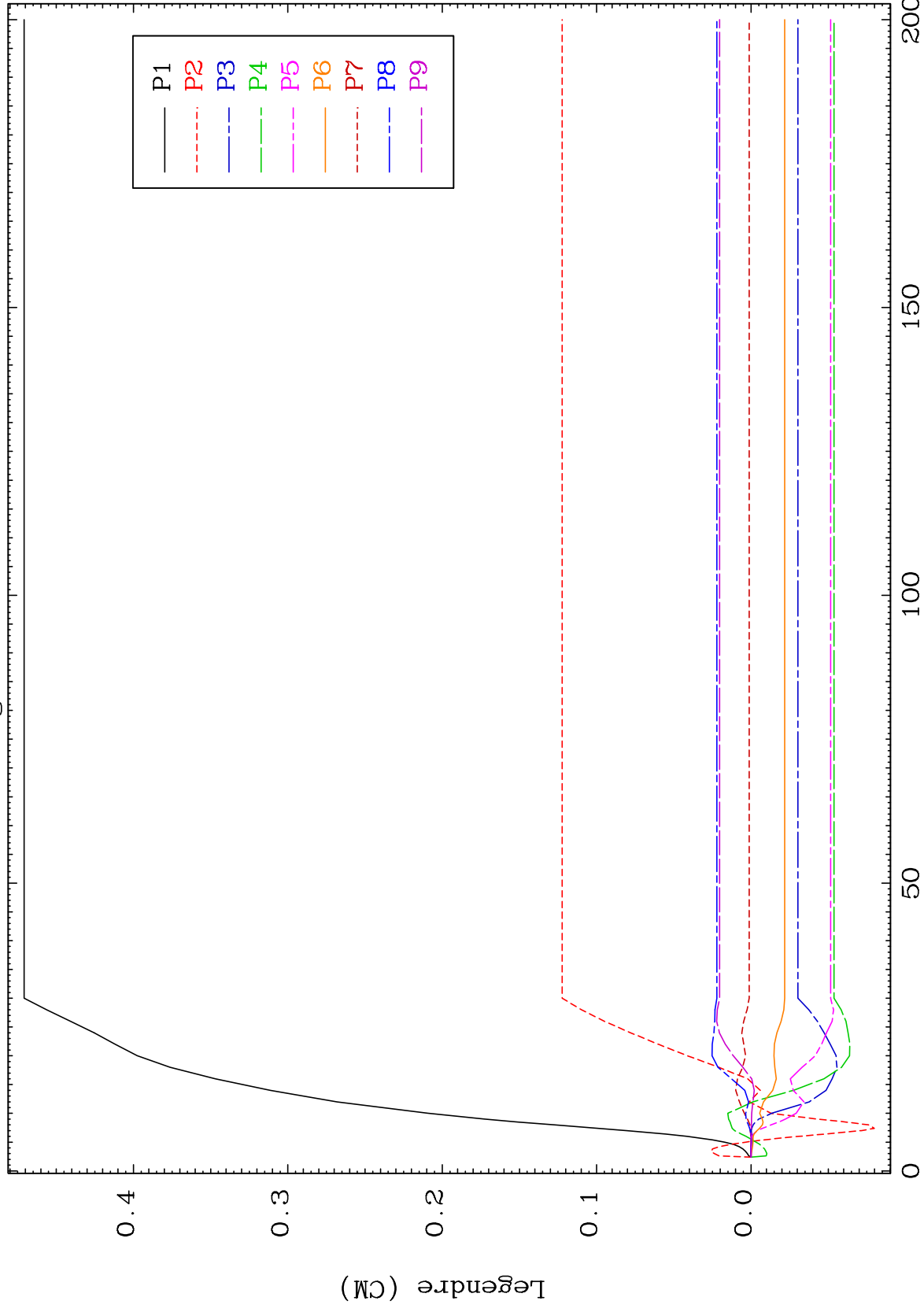
Incident Energy (MeV)

84-Po-208

MAT 8431

2.369 MeV (n,n') Level
Legendre Coefficients

84-Po-208



83

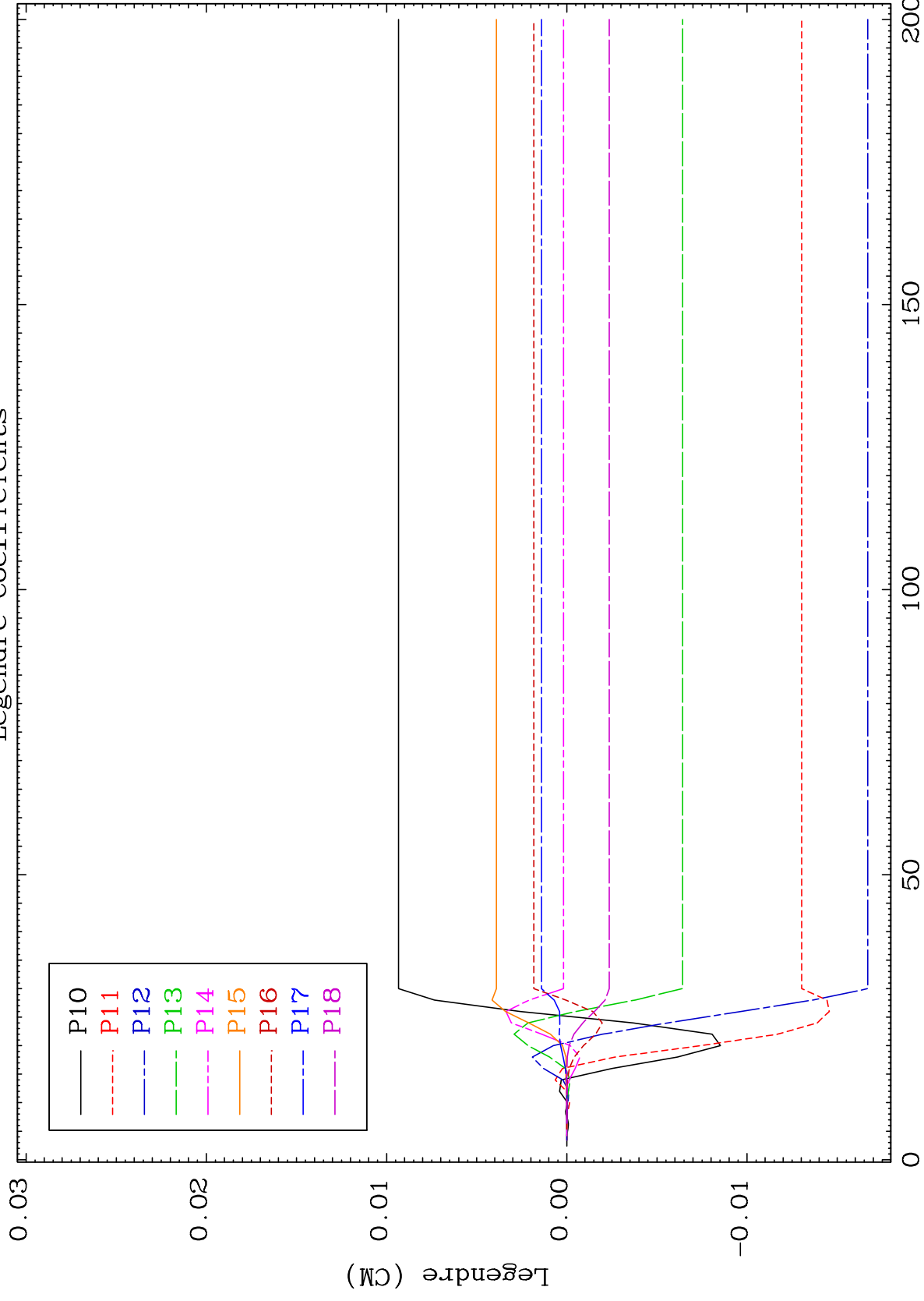
Incident Energy (MeV)

84-Po-208

MAT 8431

2.369 MeV (n,n') Level
Legendre Coefficients

84-Po-208



84

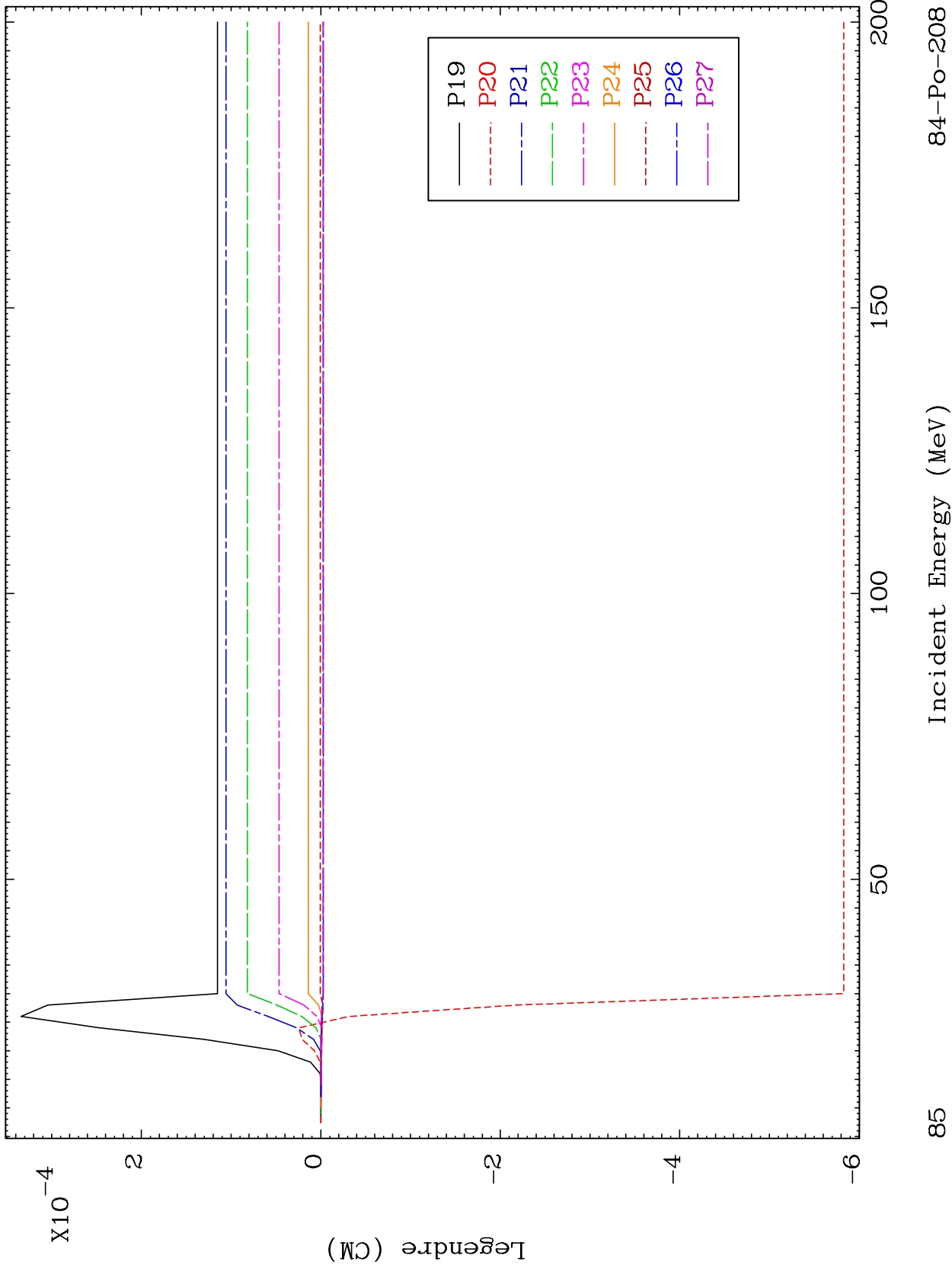
Incident Energy (MeV)

84-Po-208

MAT 8431

2.369 MeV (n,n') Level
Legendre Coefficients

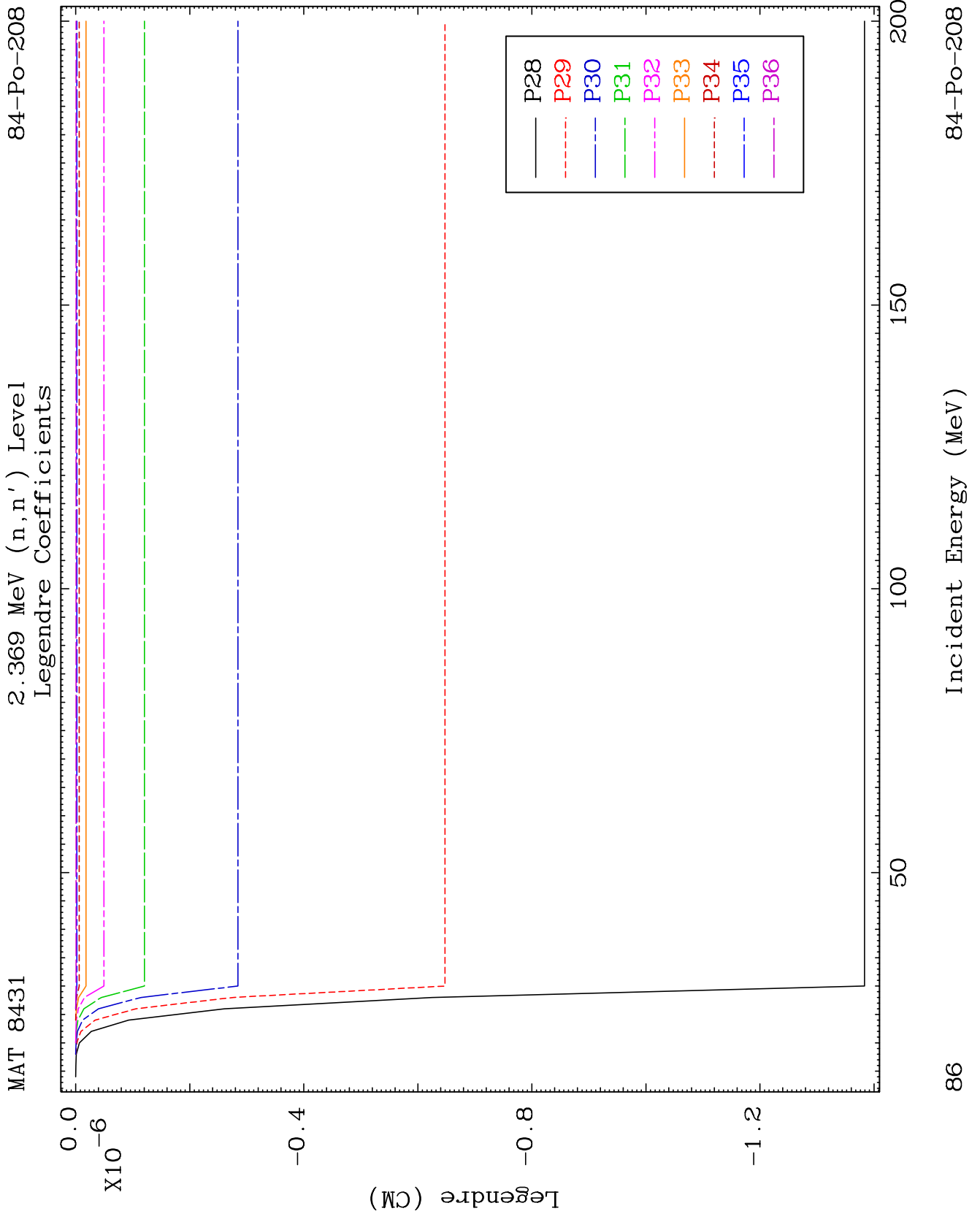
84-Po-208



85

Incident Energy (MeV)

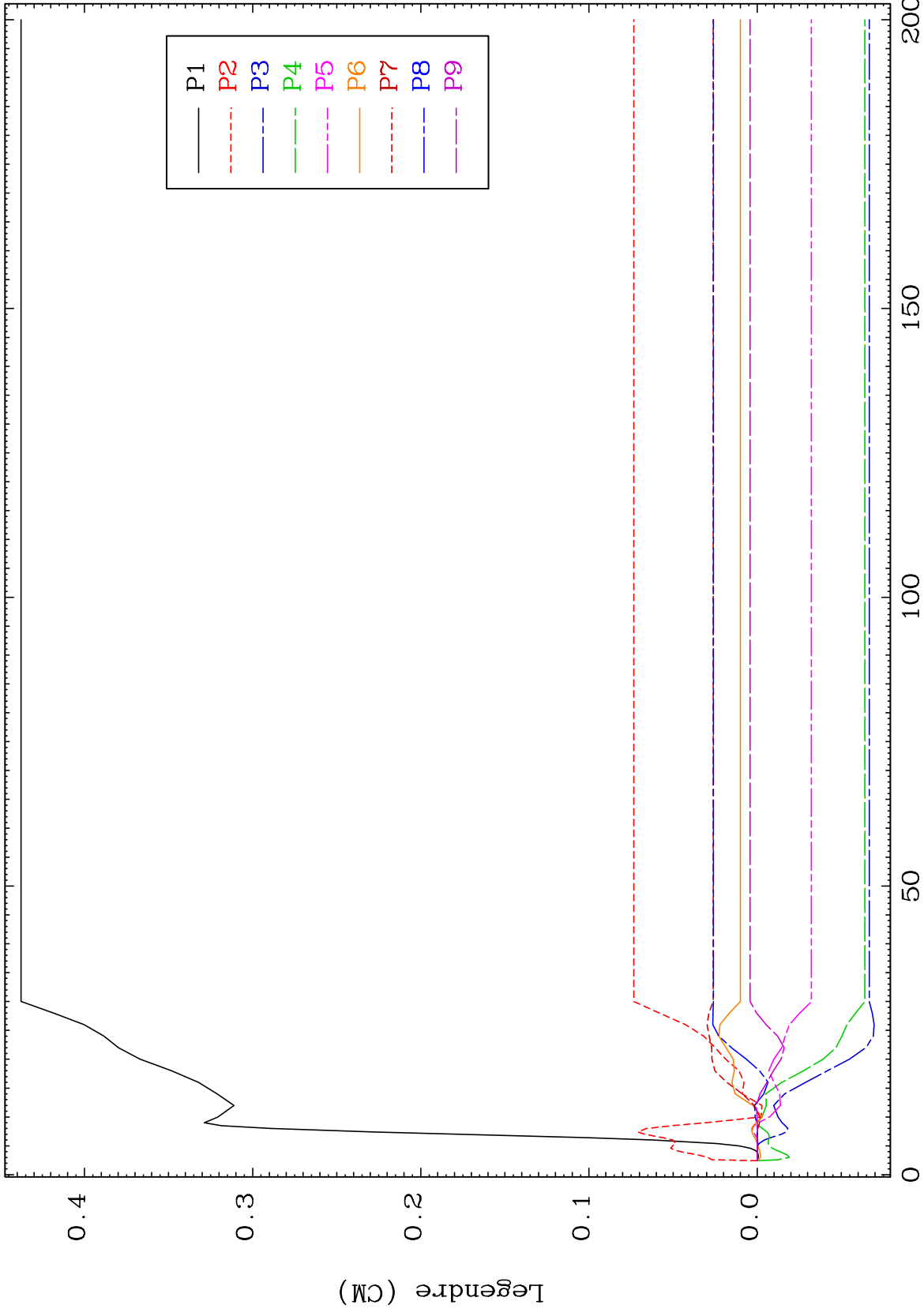
84-Po-208



MAT 8431

2.415 MeV (n,n') Level
Legendre Coefficients

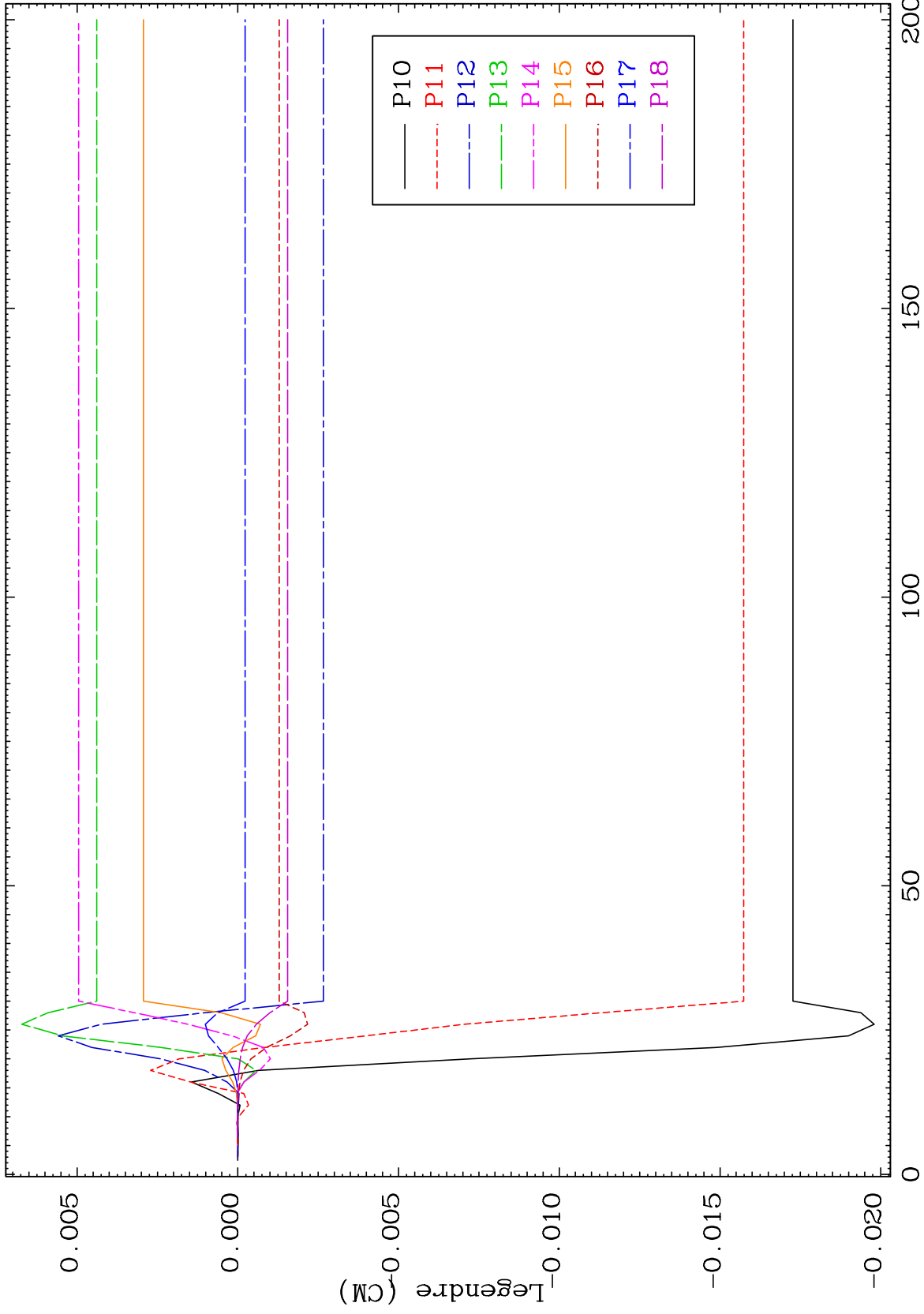
84-Po-208



87

Incident Energy (MeV)

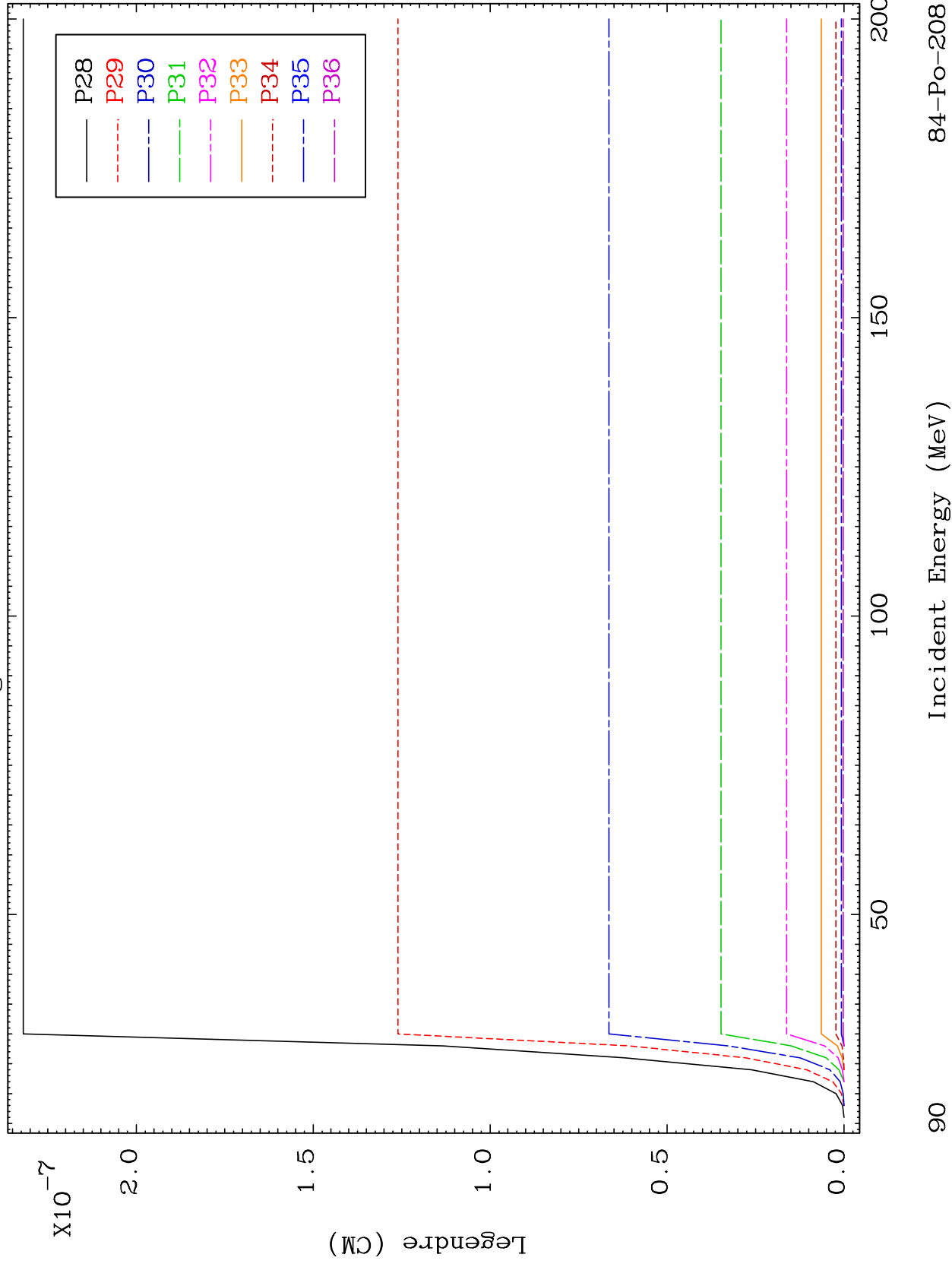
84-Po-208



MAT 8431

2.415 MeV (n,n') Level
Legendre Coefficients

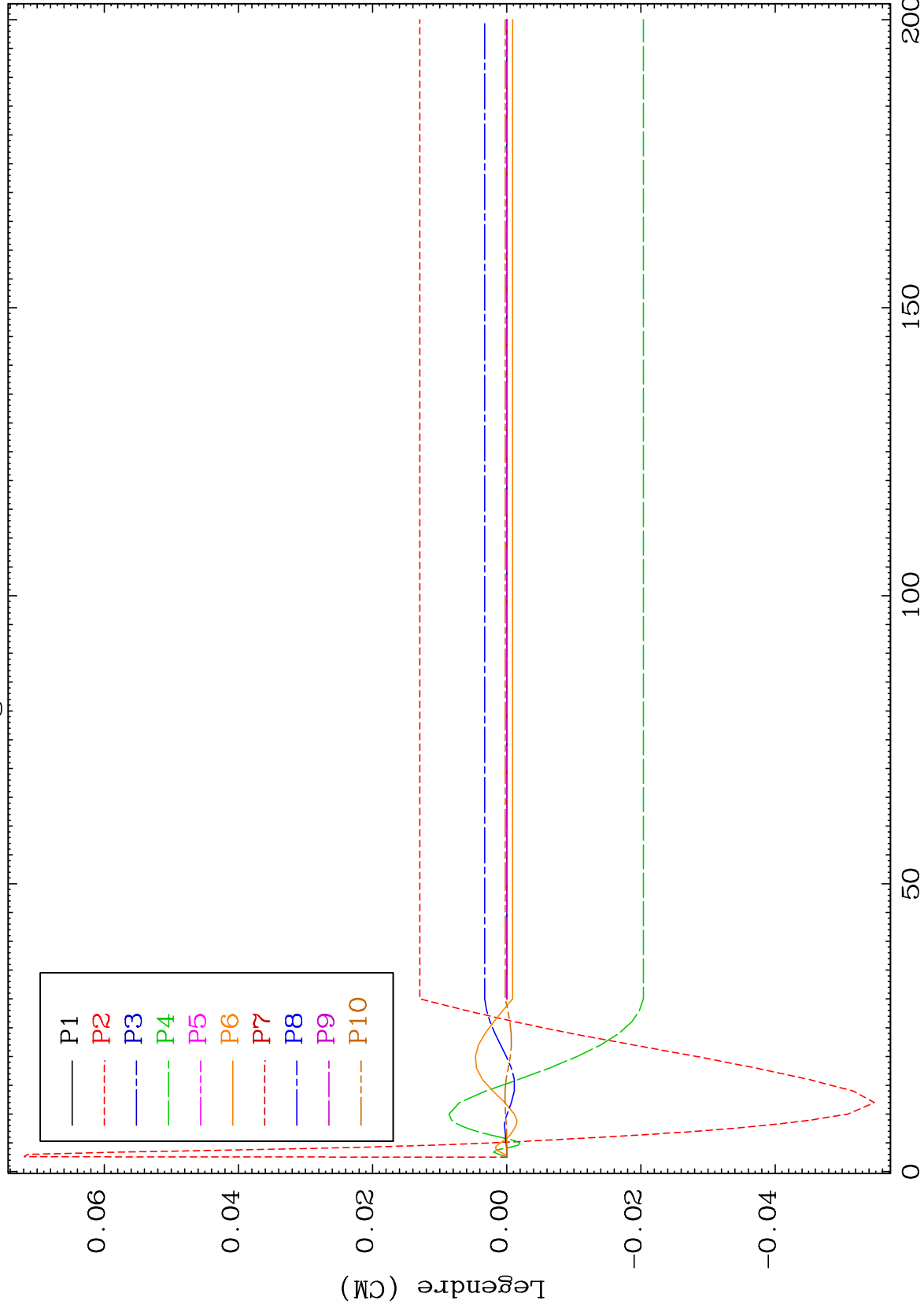
84-Po-208



MAT 8431

2.507 MeV (n, n') Level
Legendre Coefficients

84-Po-208



91

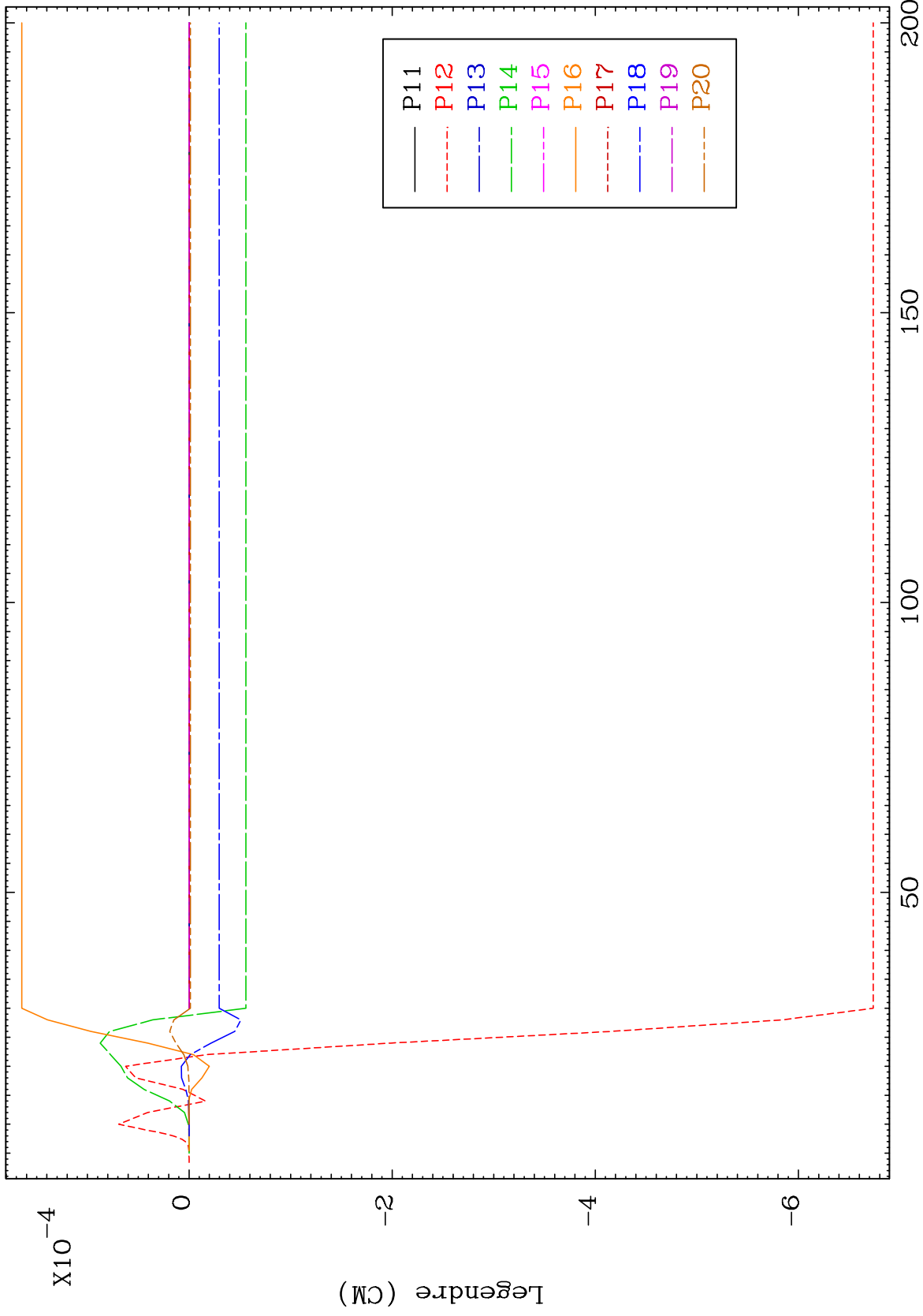
Incident Energy (MeV)

84-Po-208

MAT 8431

2.507 MeV (n,n') Level
Legendre Coefficients

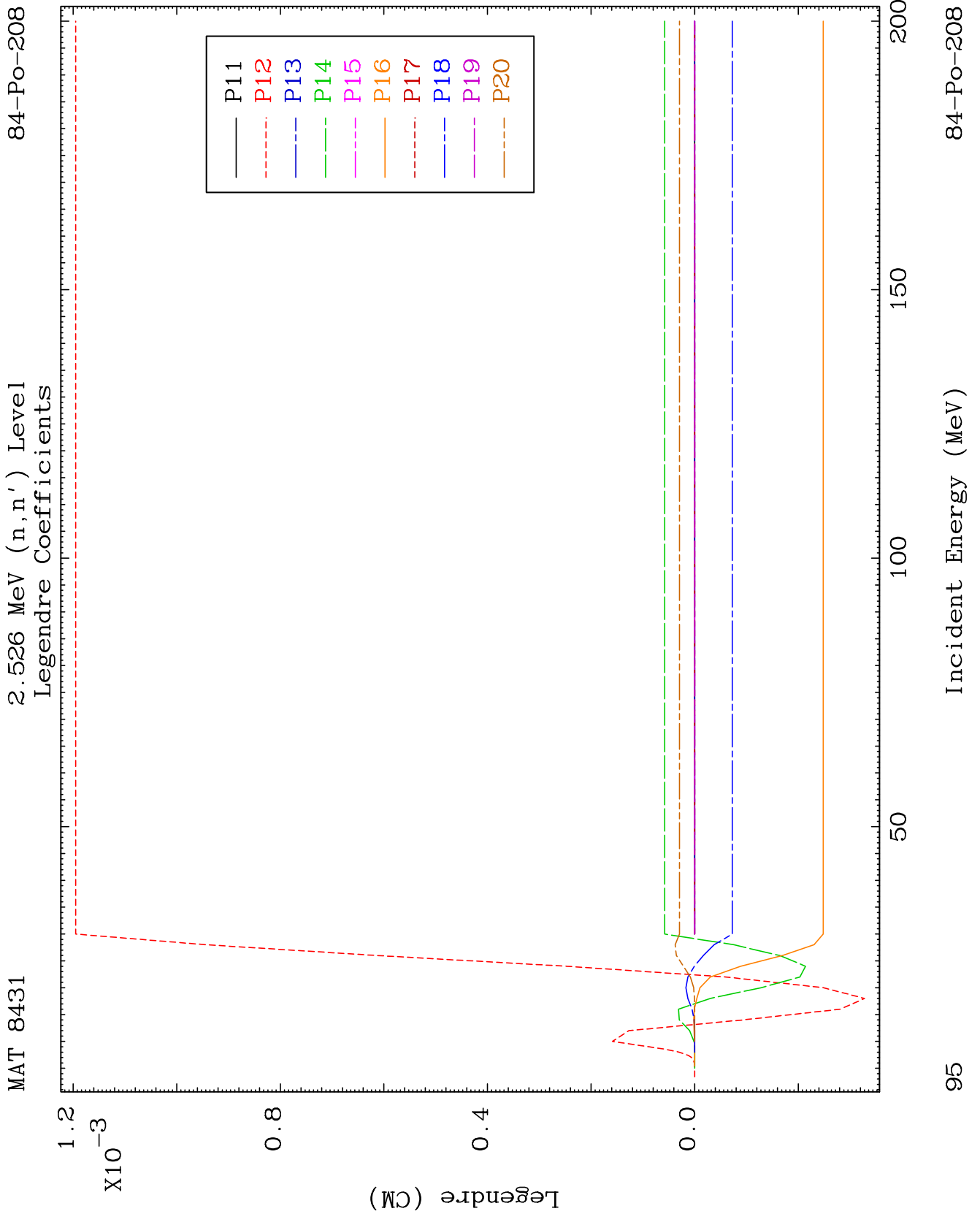
84-Po-208

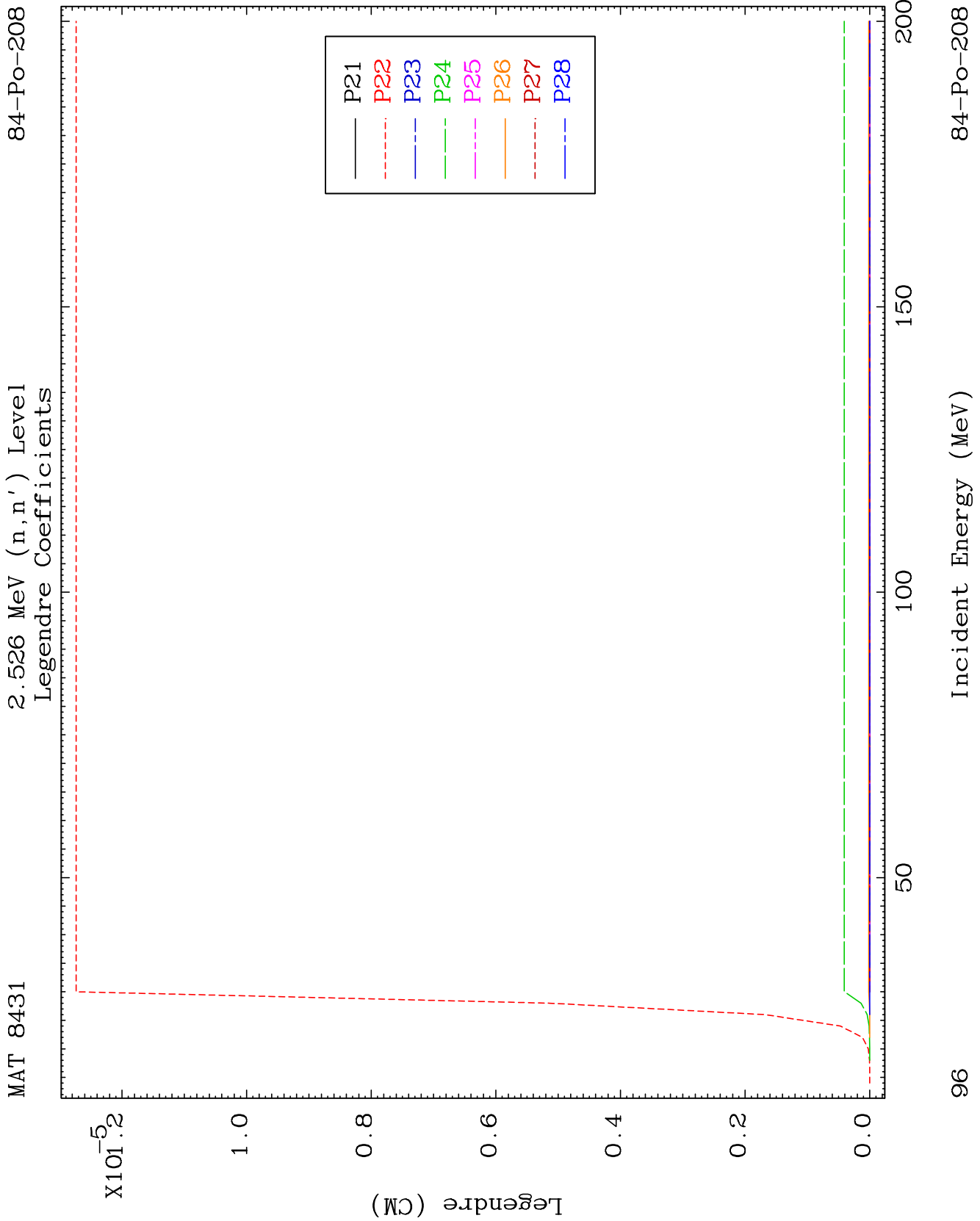


92

Incident Energy (MeV)

84-Po-208

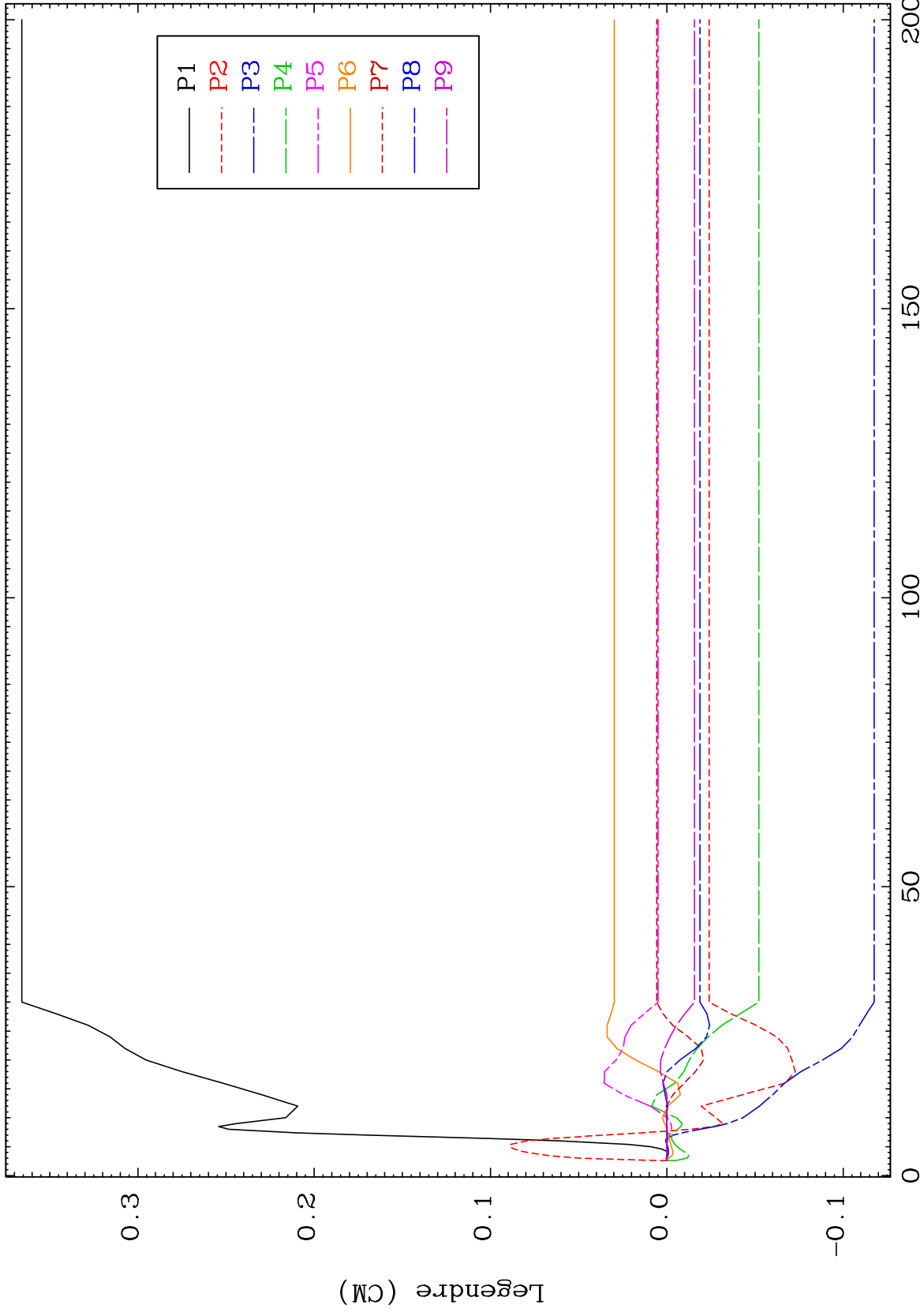




MAT 8431

2.555 MeV (n, n') Level
Legendre Coefficients

84-Po-208



97

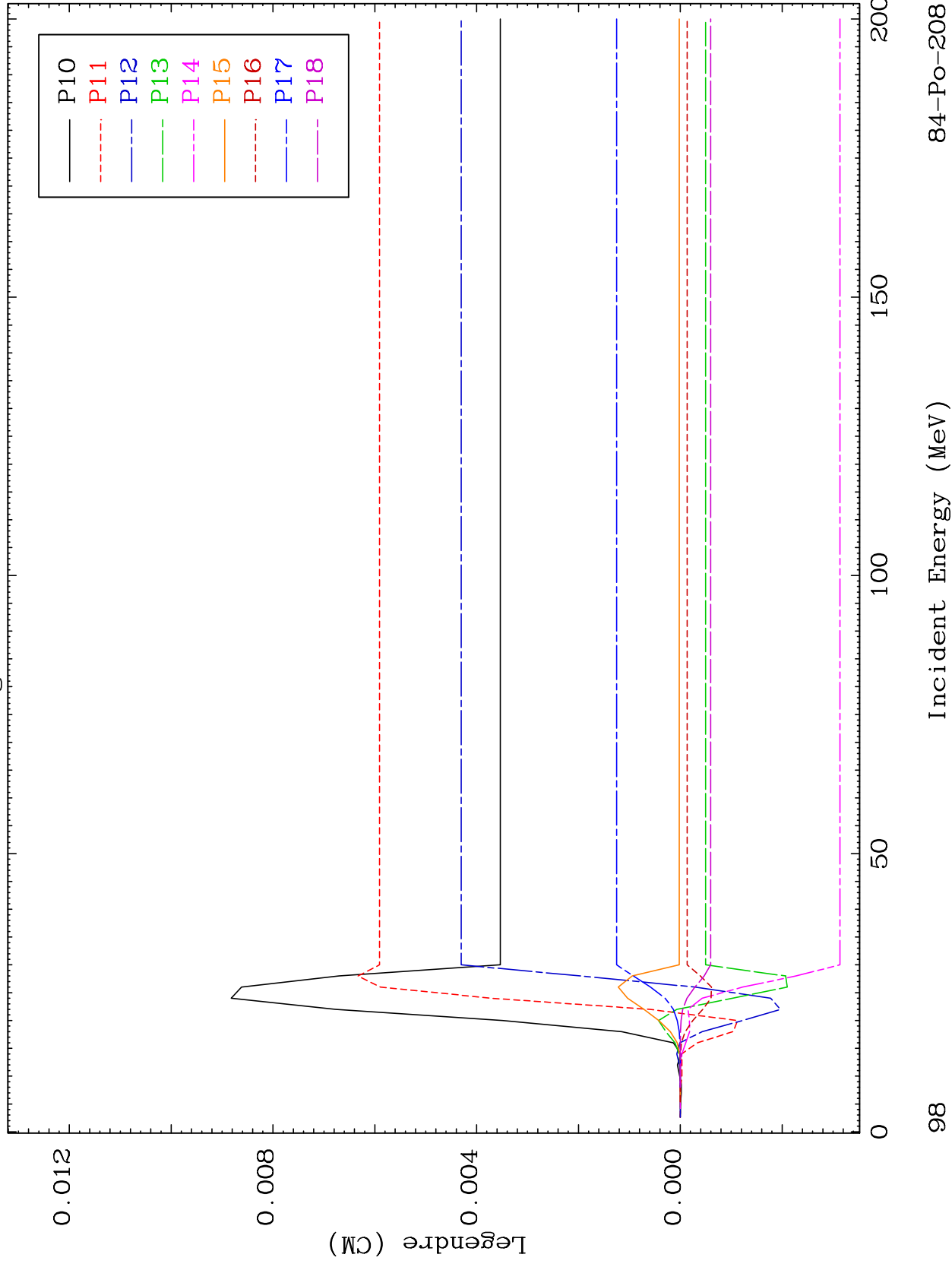
Incident Energy (MeV)

84-Po-208

MAT 8431

2.555 MeV (n,n') Level
Legendre Coefficients

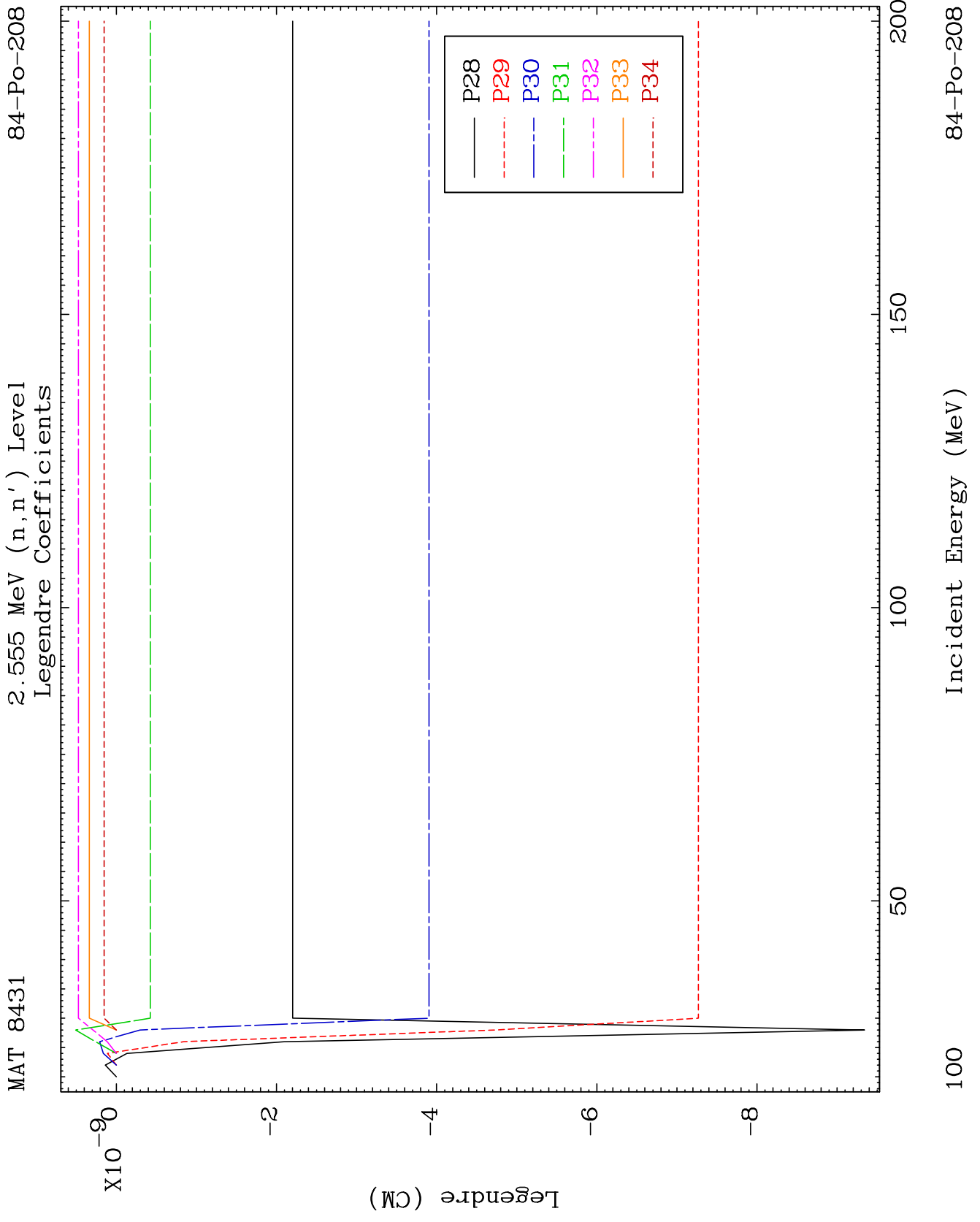
84-Po-208



98

Incident Energy (MeV)

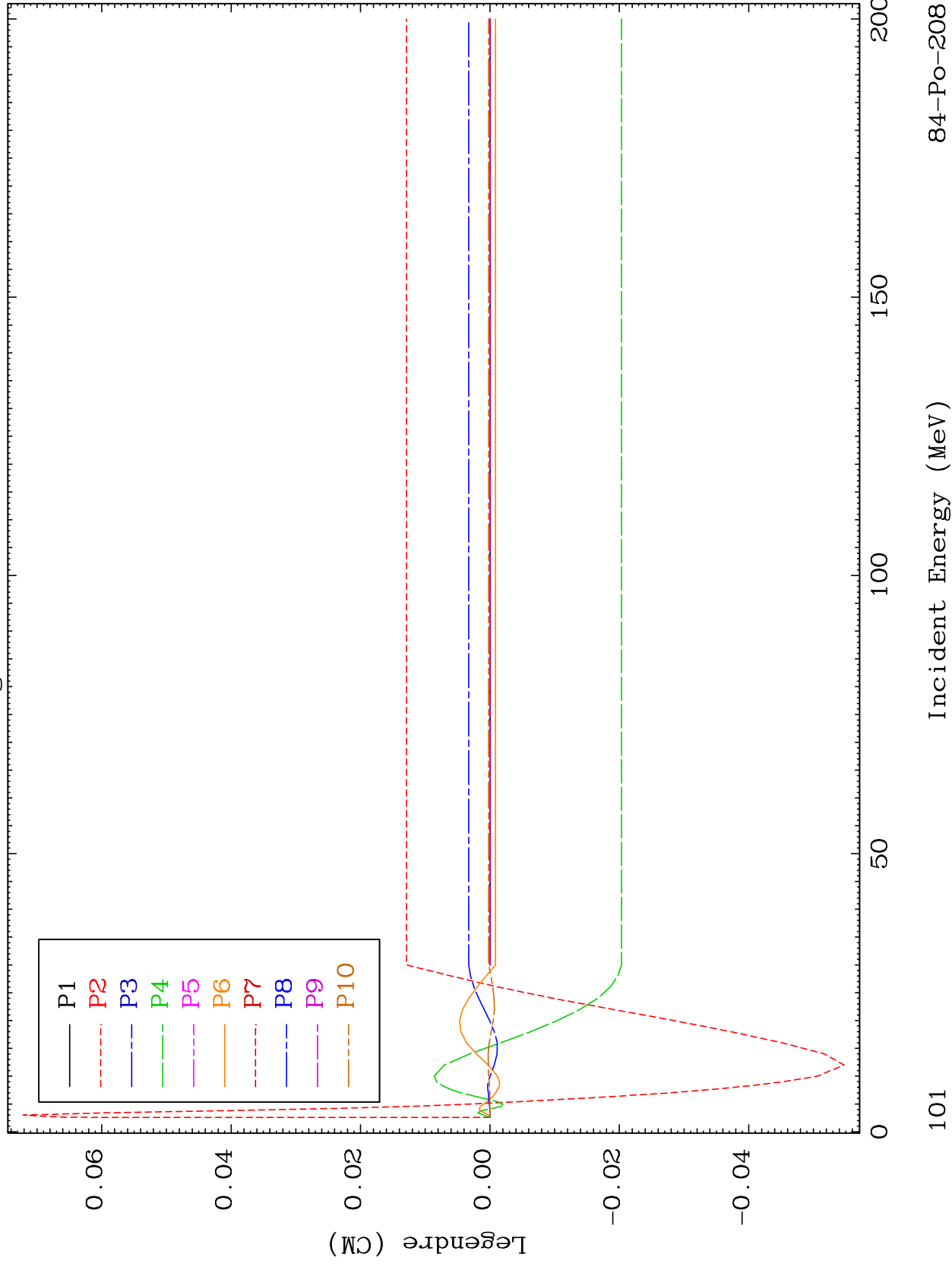
84-Po-208



MAT 8431

2.556 MeV (n, n') Level
Legendre Coefficients

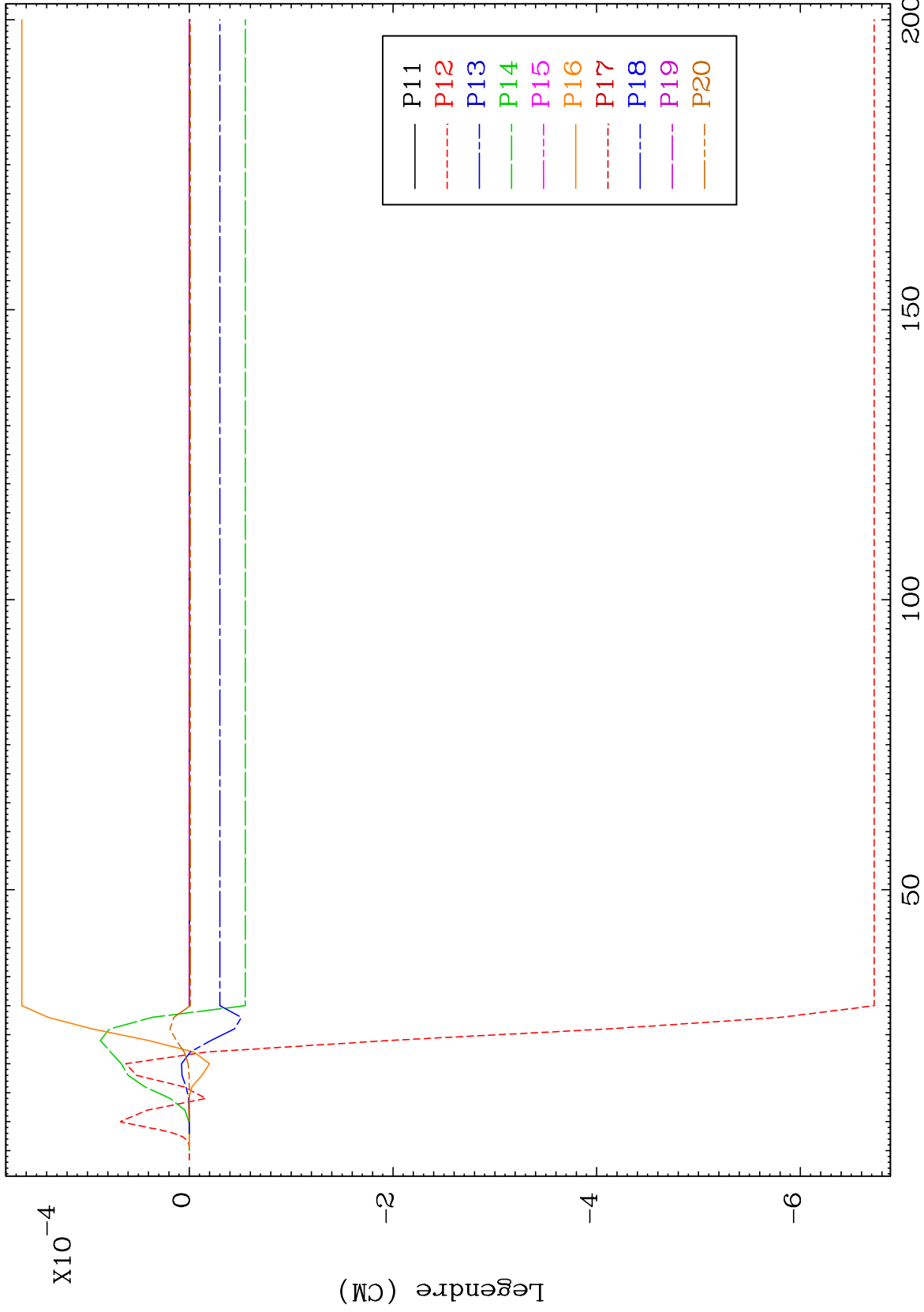
84-Po-208

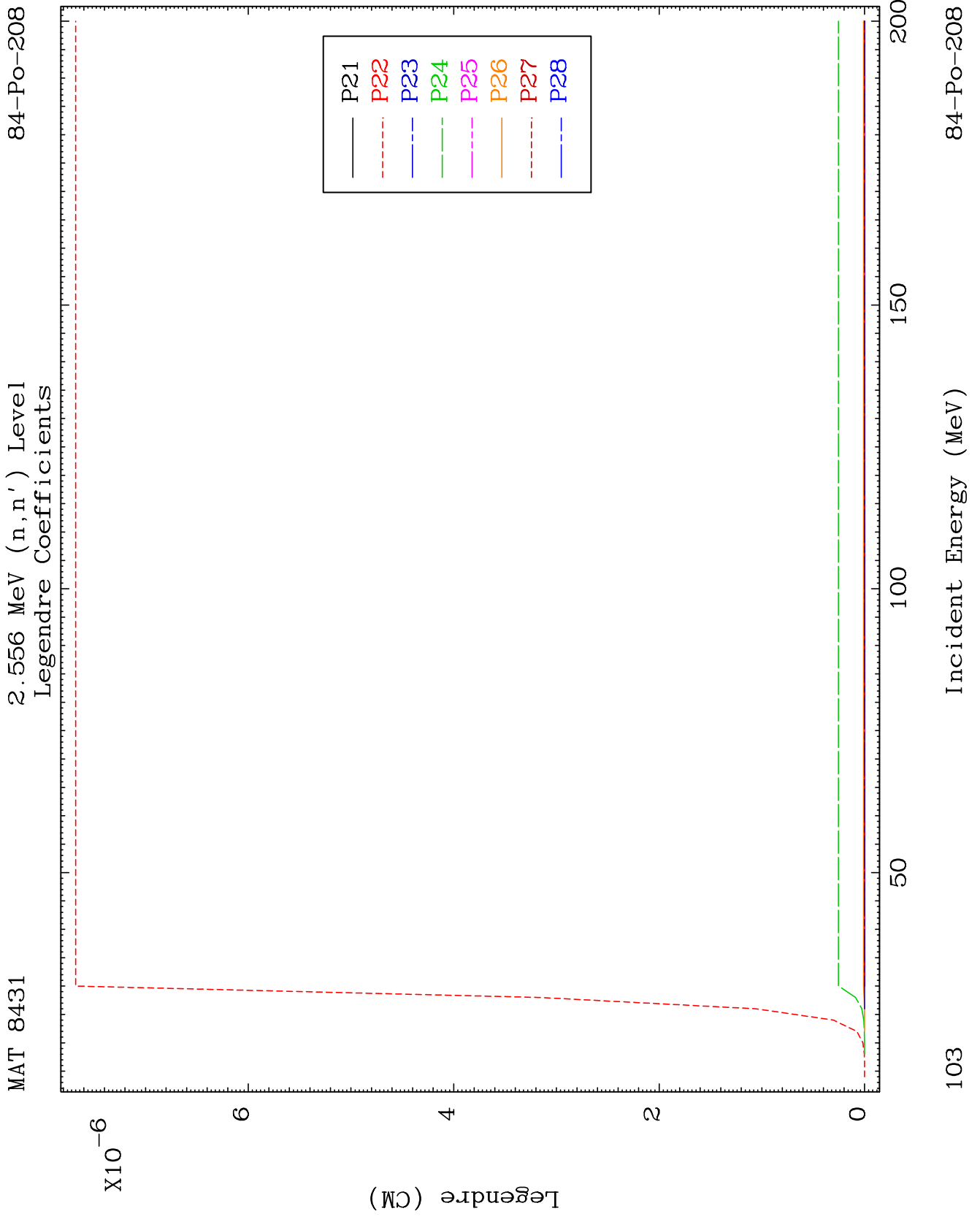


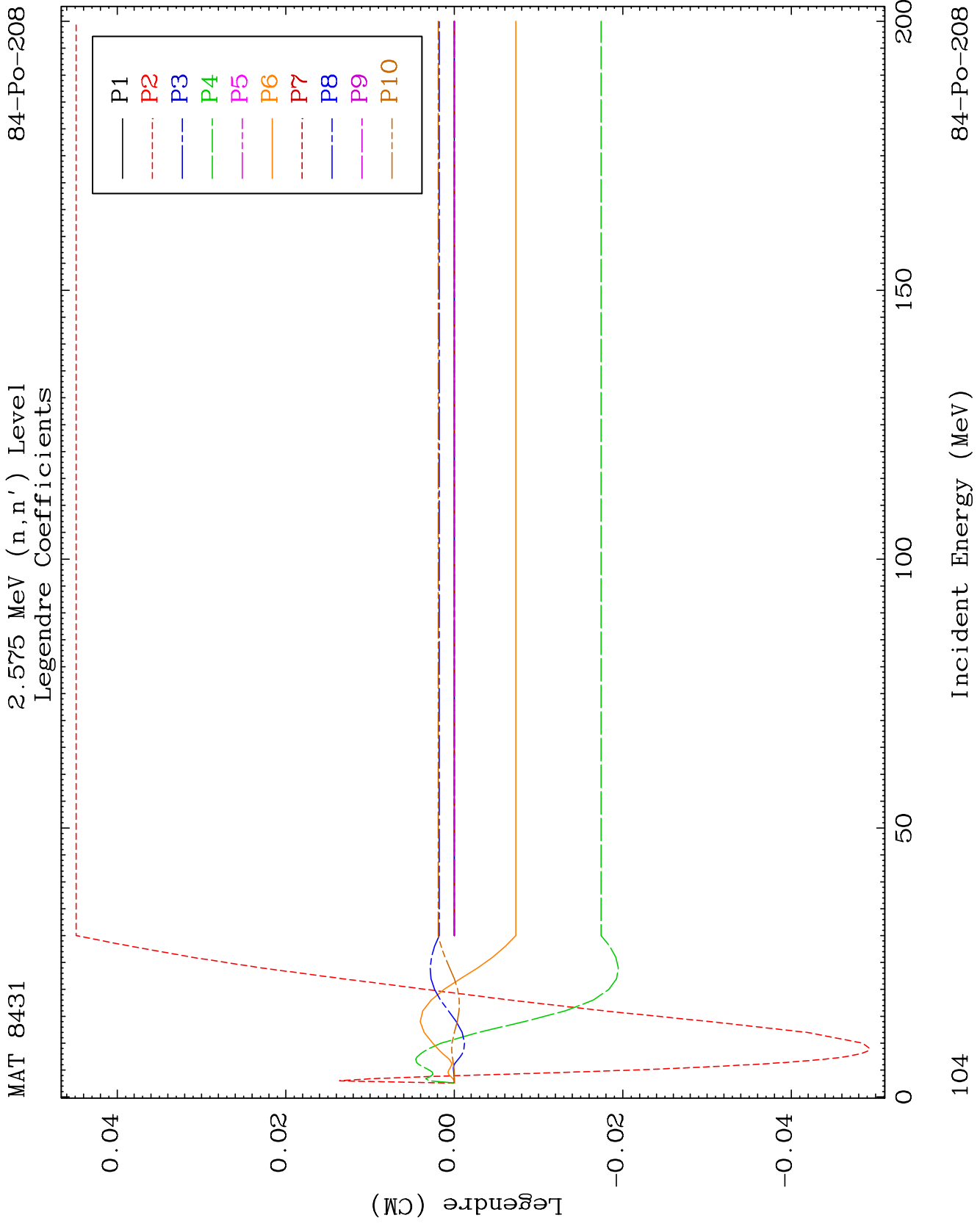
84-Po-208

Incident Energy (MeV)

101



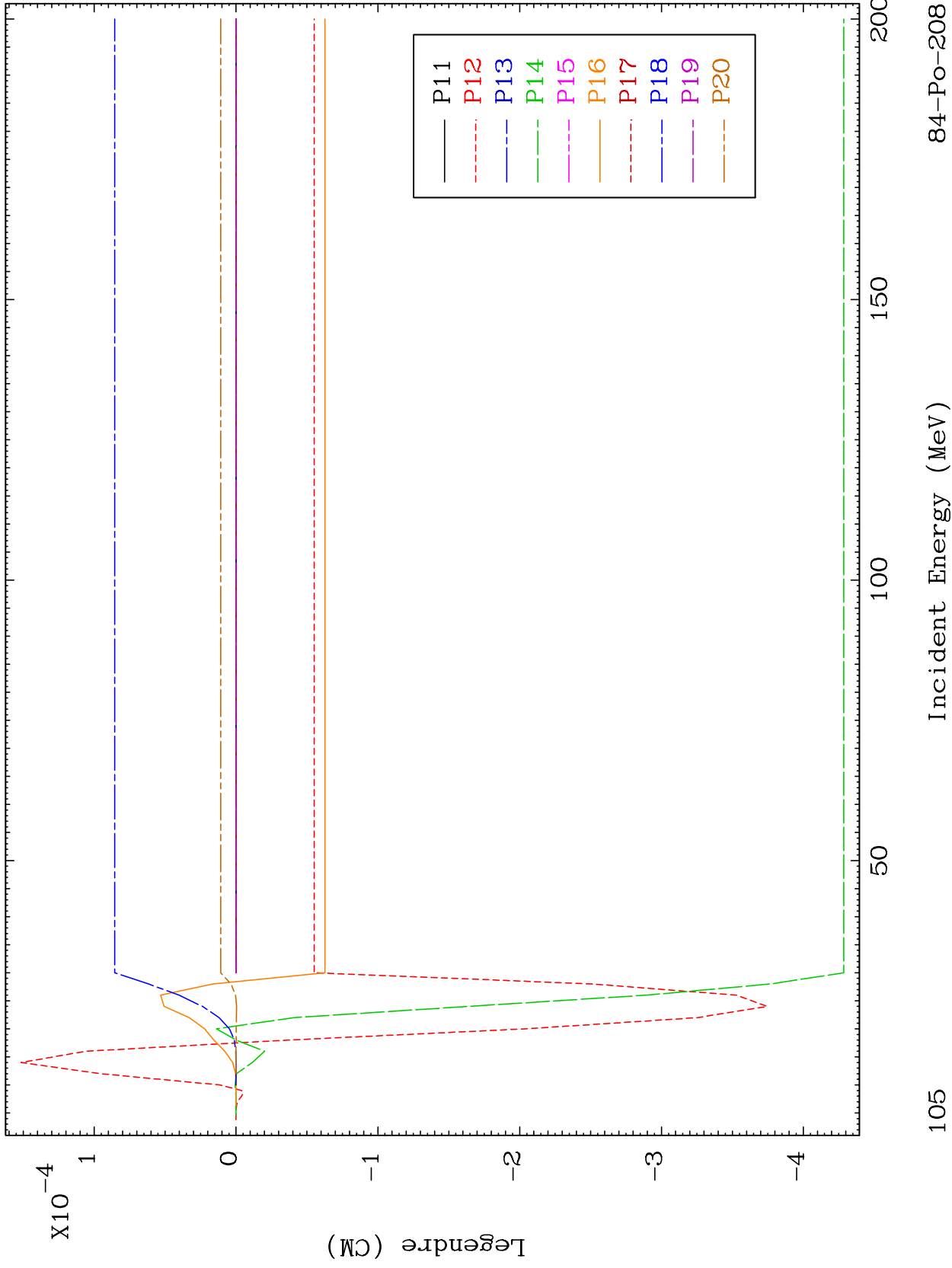




MAT 8431

2.575 MeV (n,n') Level
Legendre Coefficients

84-Po-208



105

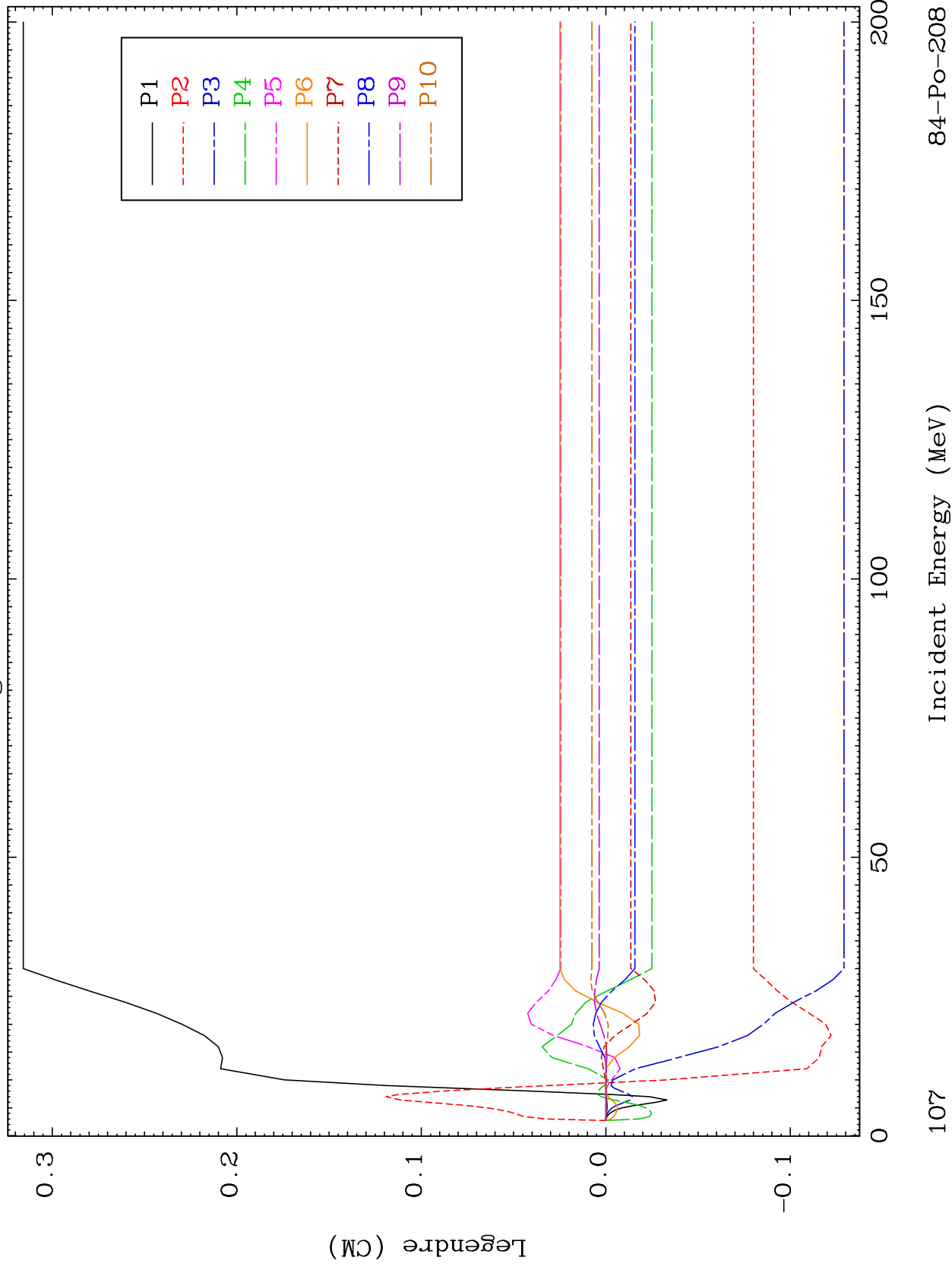
Incident Energy (MeV)

84-Po-208

MAT 8431

2.703 MeV (n,n') Level
Legendre Coefficients

84-Po-208



107

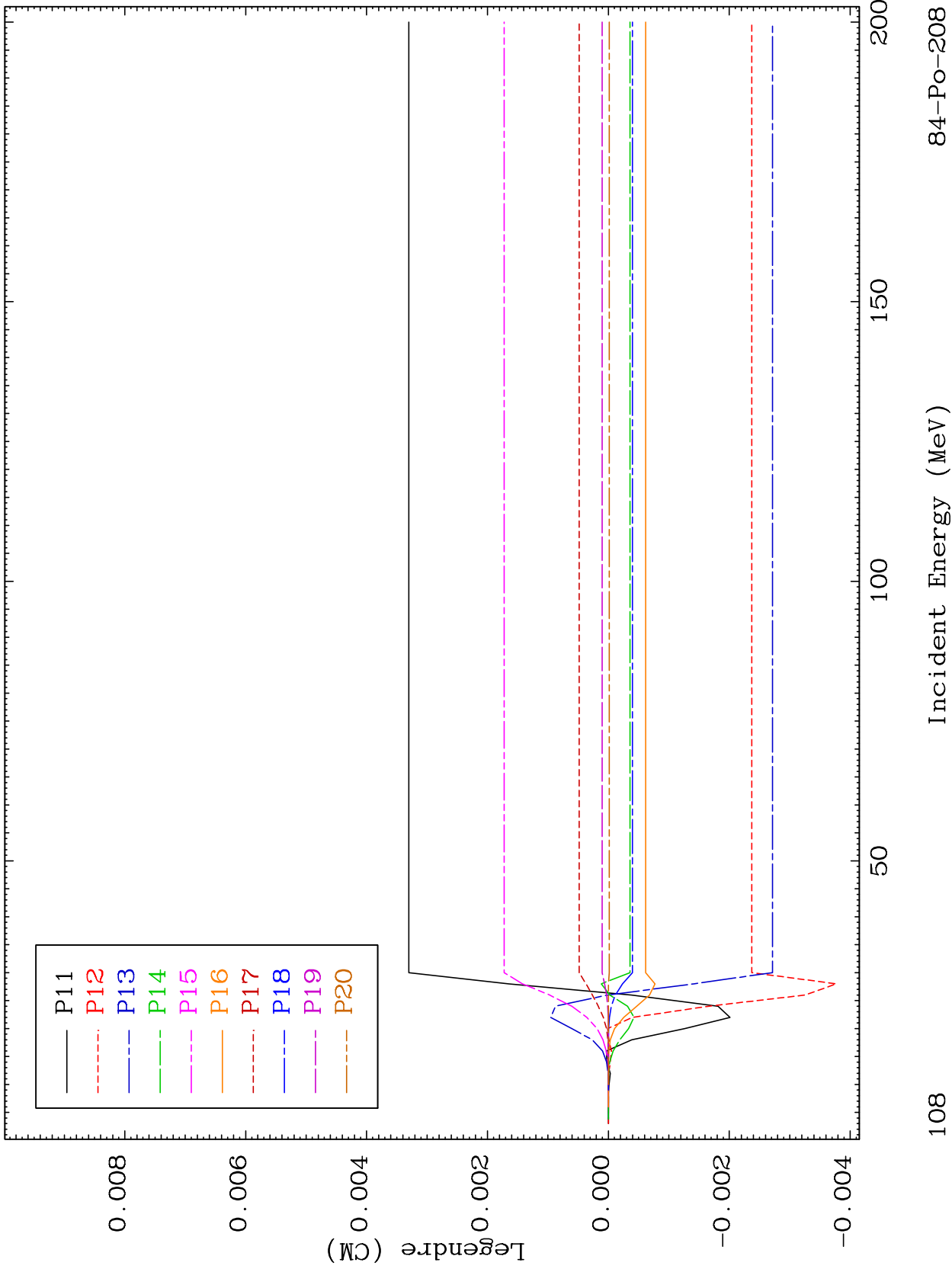
Incident Energy (MeV)

84-Po-208

MAT 8431

2.703 MeV (n, n') Level
Legendre Coefficients

84-Po-208



108

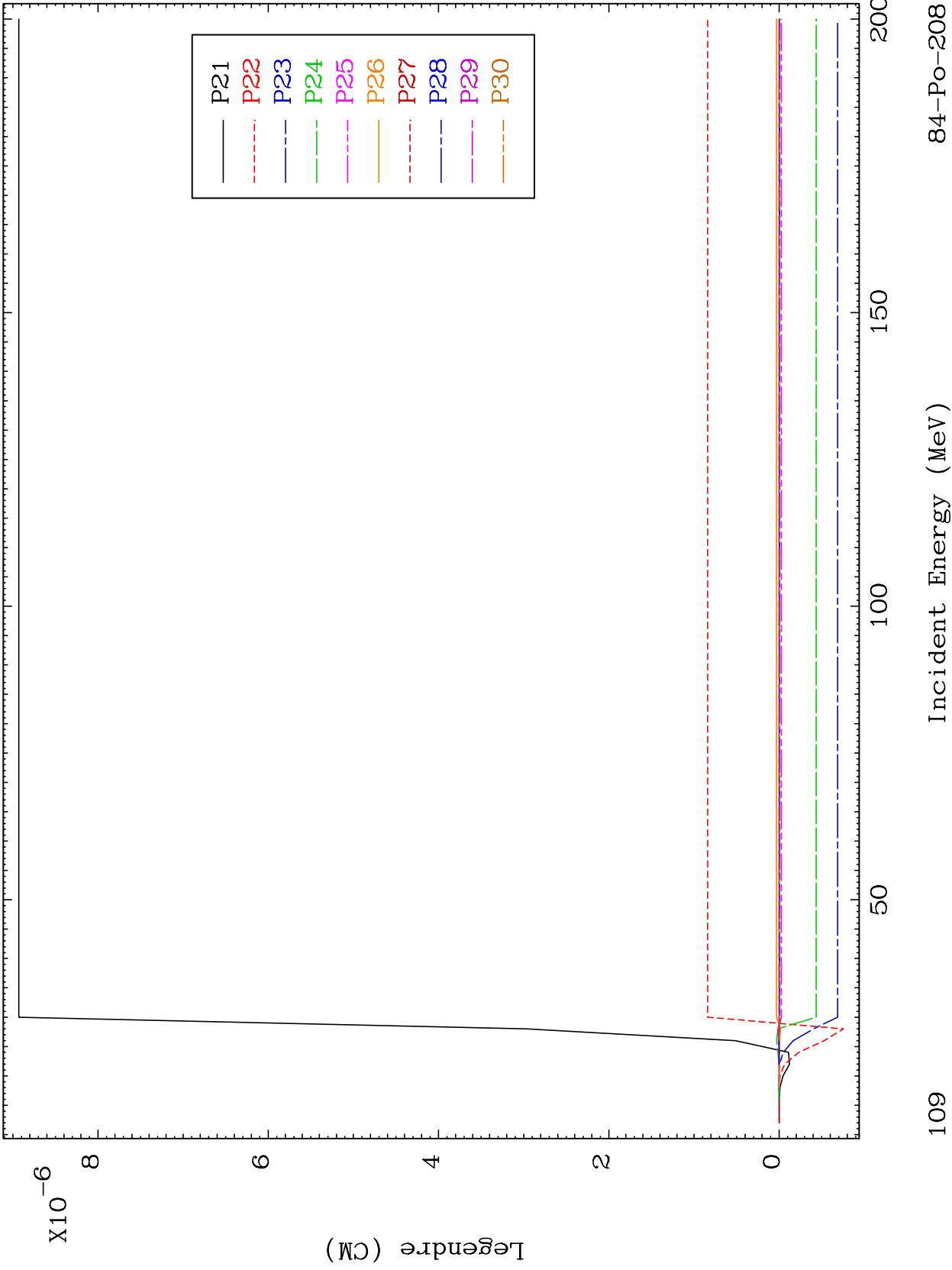
Incident Energy (MeV)

84-Po-208

MAT 8431

2.703 MeV (n,n') Level
Legendre Coefficients

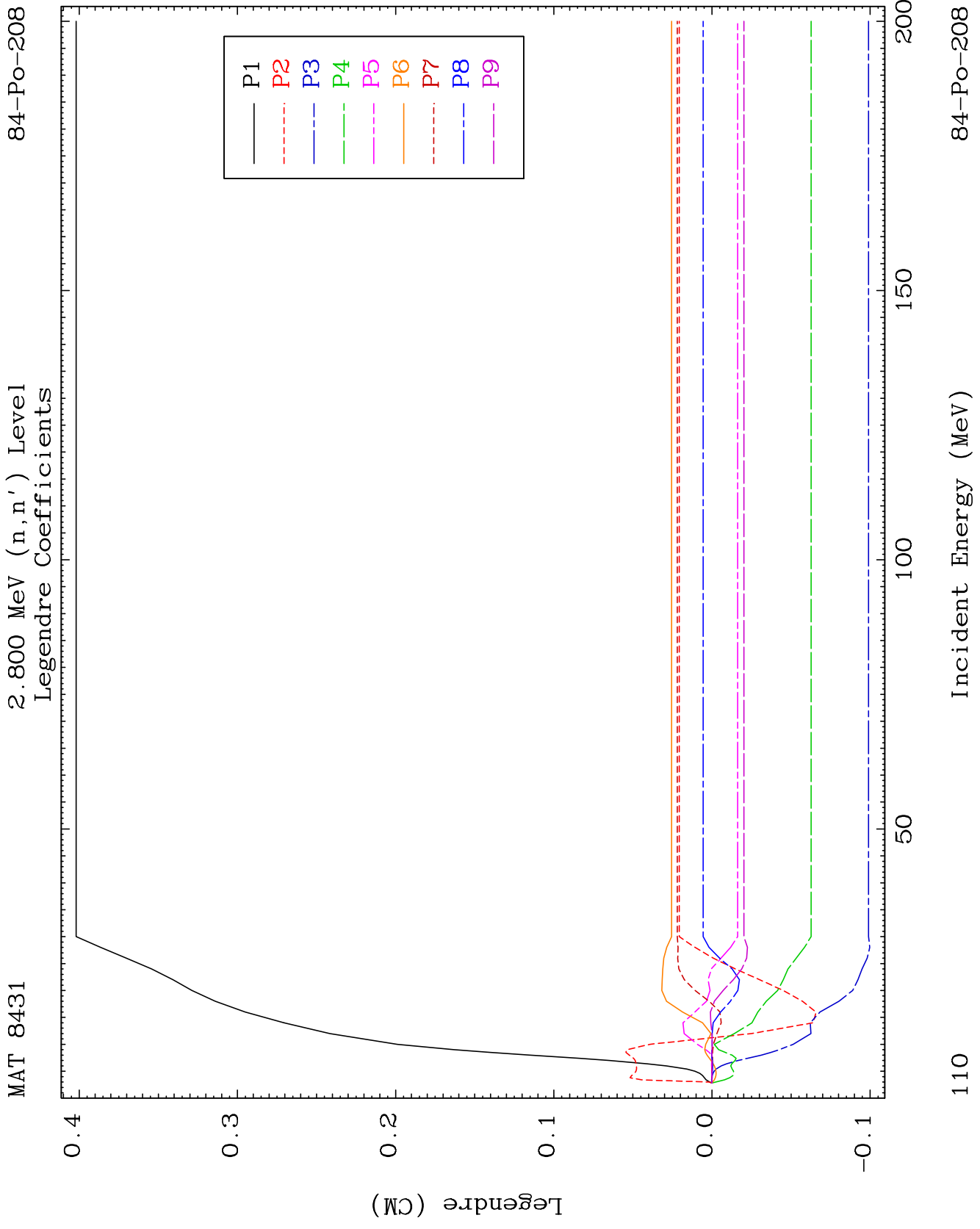
84-Po-208



109

Incident Energy (MeV)

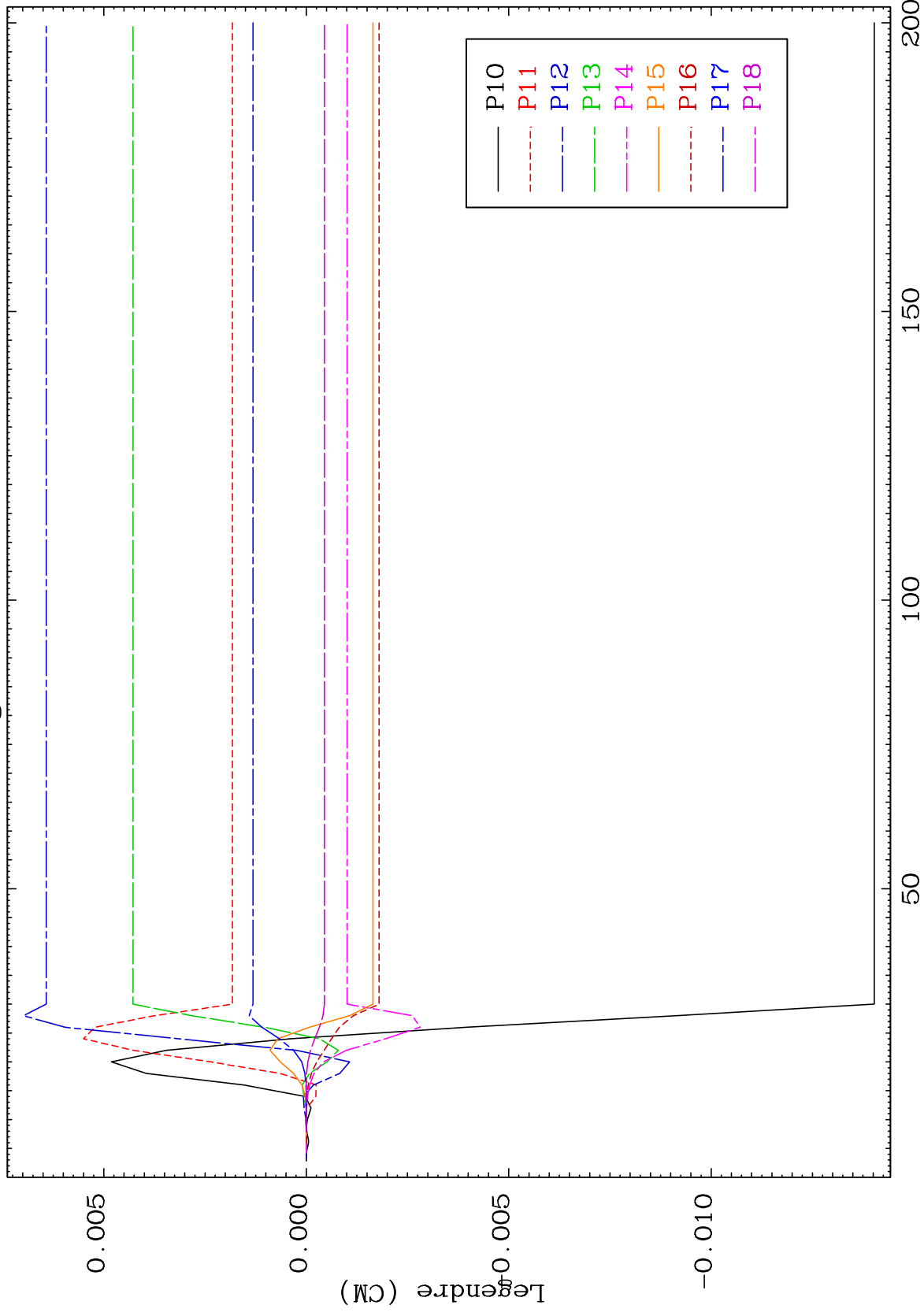
84-Po-208



MAT 8431

2.800 MeV (n,n') Level
Legendre Coefficients

84-Po-208



111

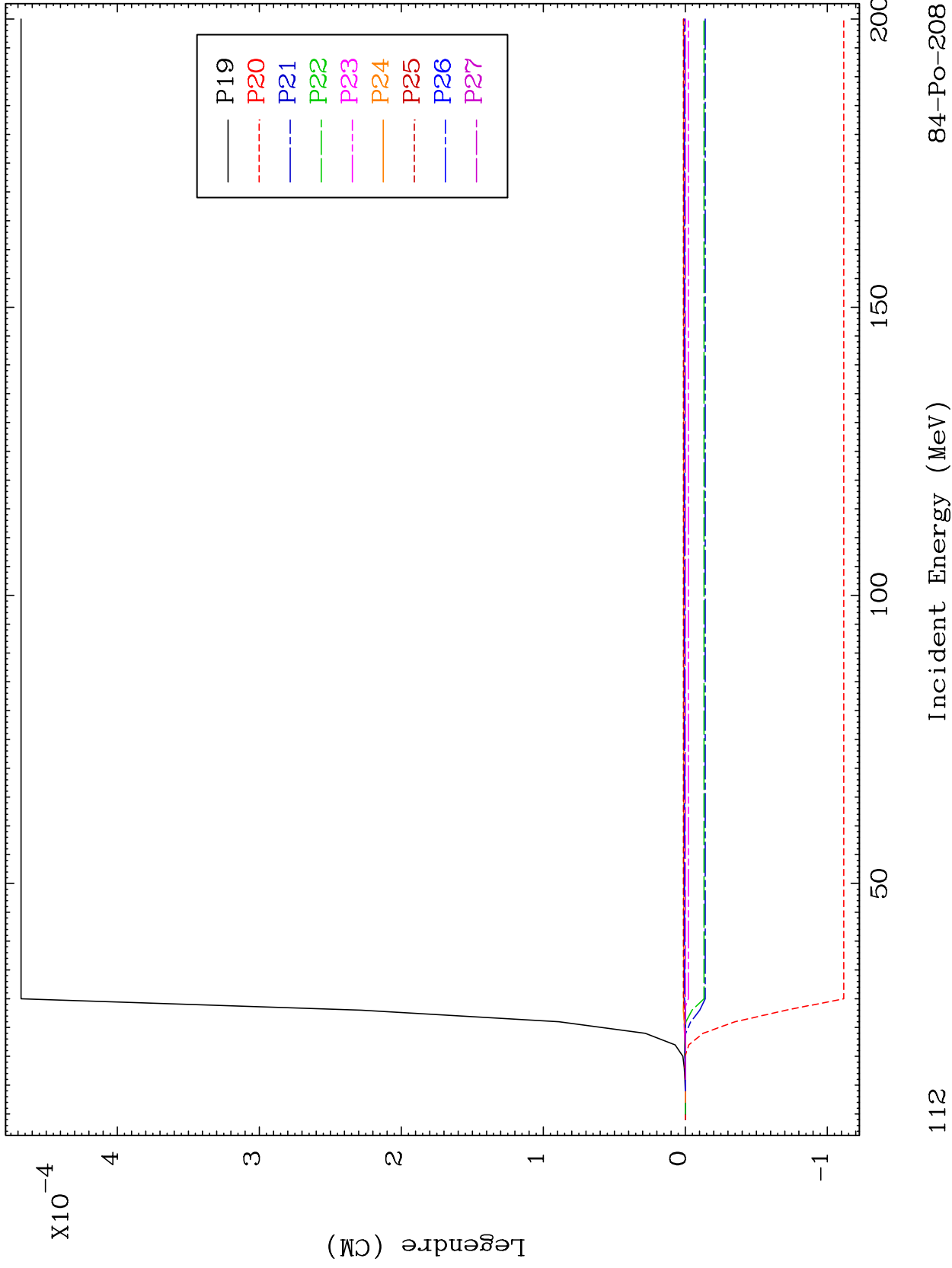
Incident Energy (MeV)

84-Po-208

MAT 8431

2.800 MeV (n,n') Level
Legendre Coefficients

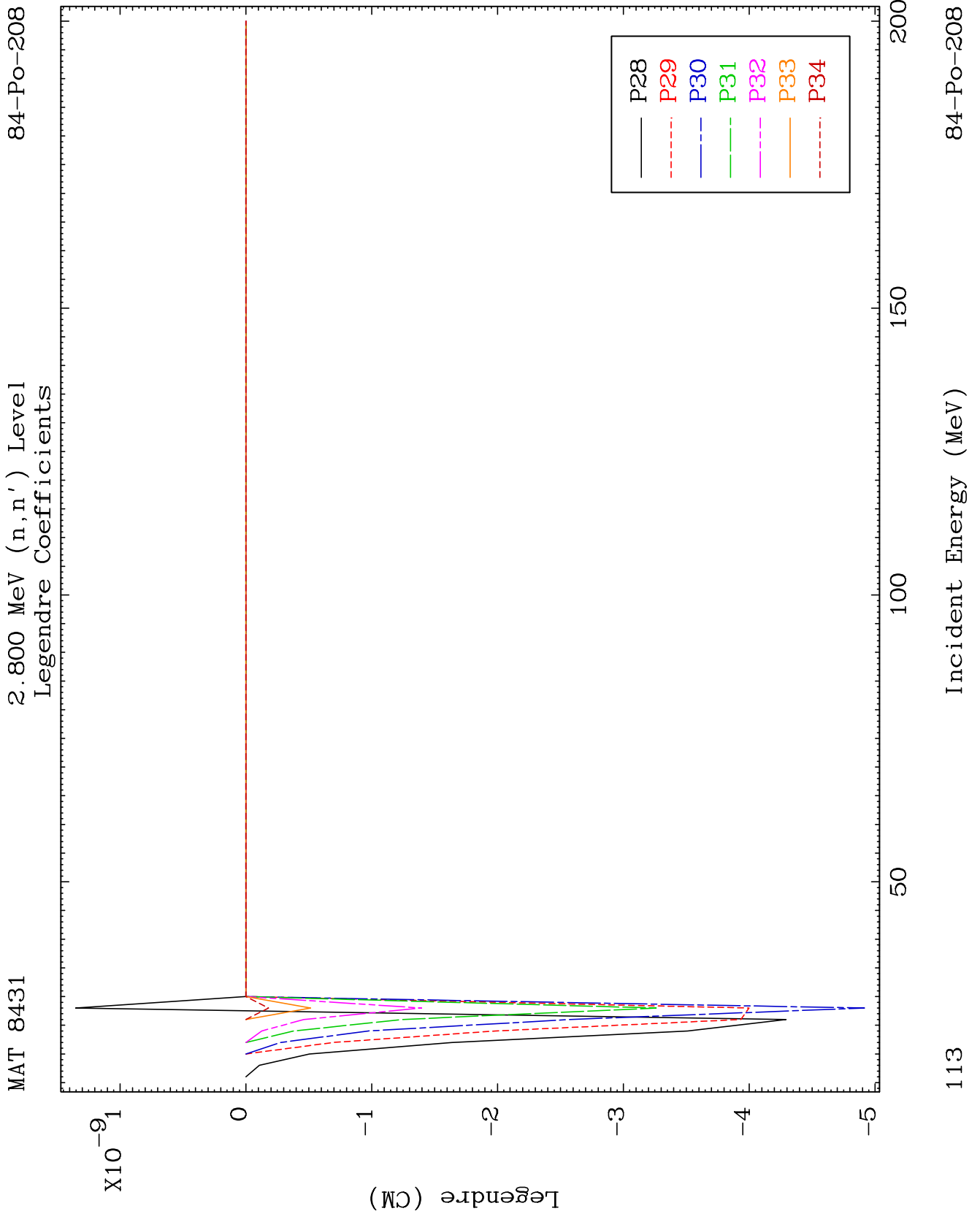
84-Po-208

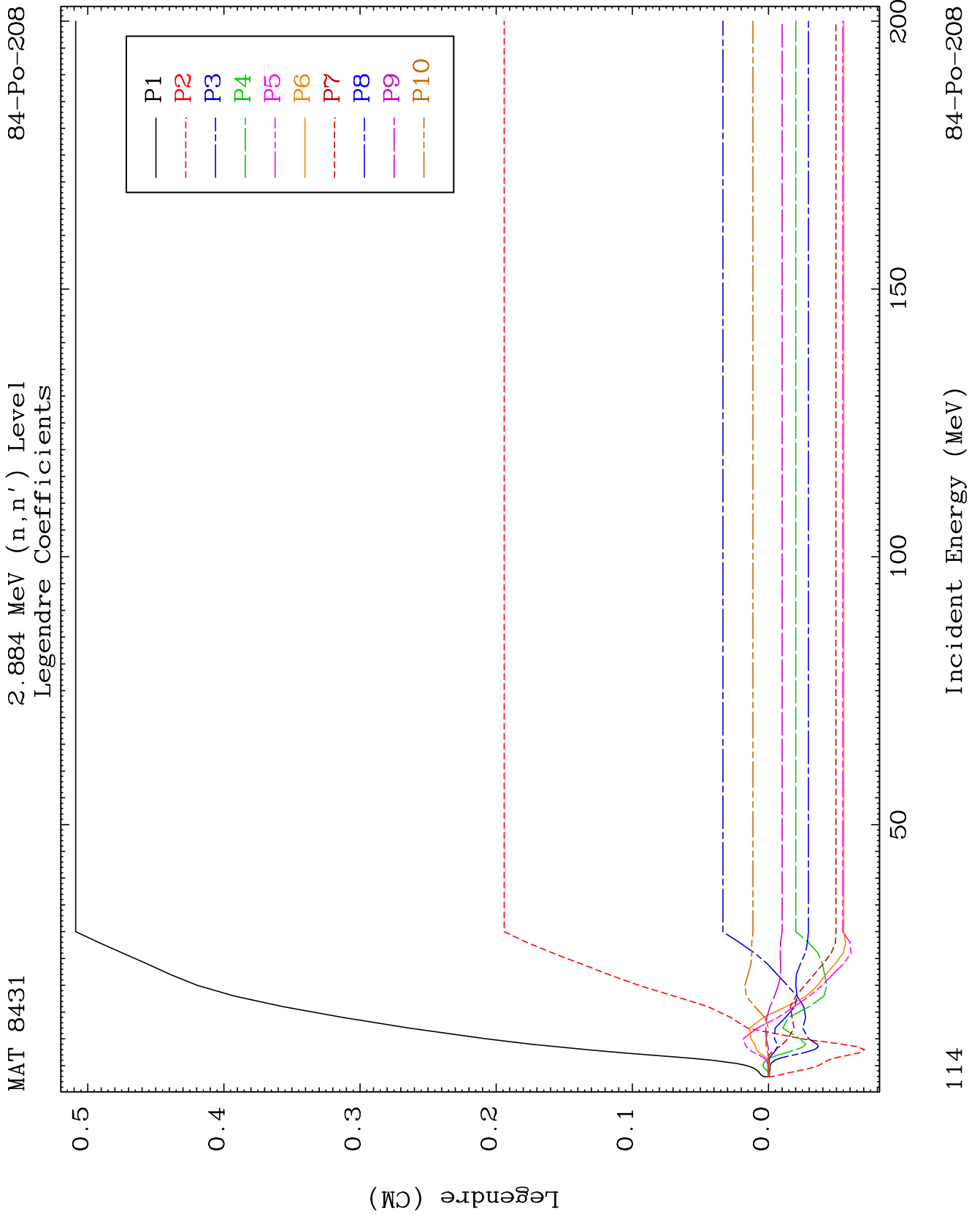


112

Incident Energy (MeV)

84-Po-208

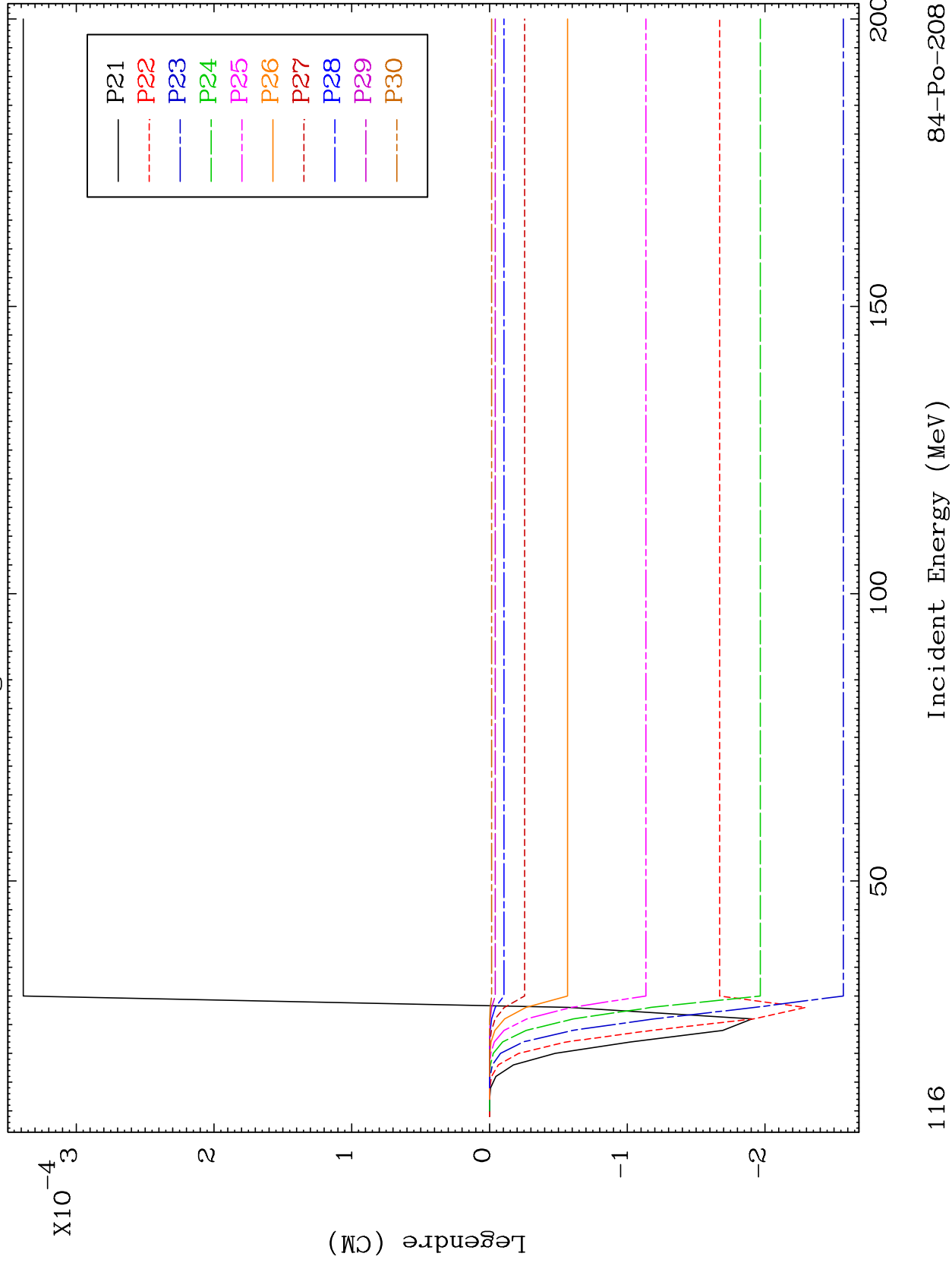




MAT 8431

2.884 MeV (n,n') Level
Legendre Coefficients

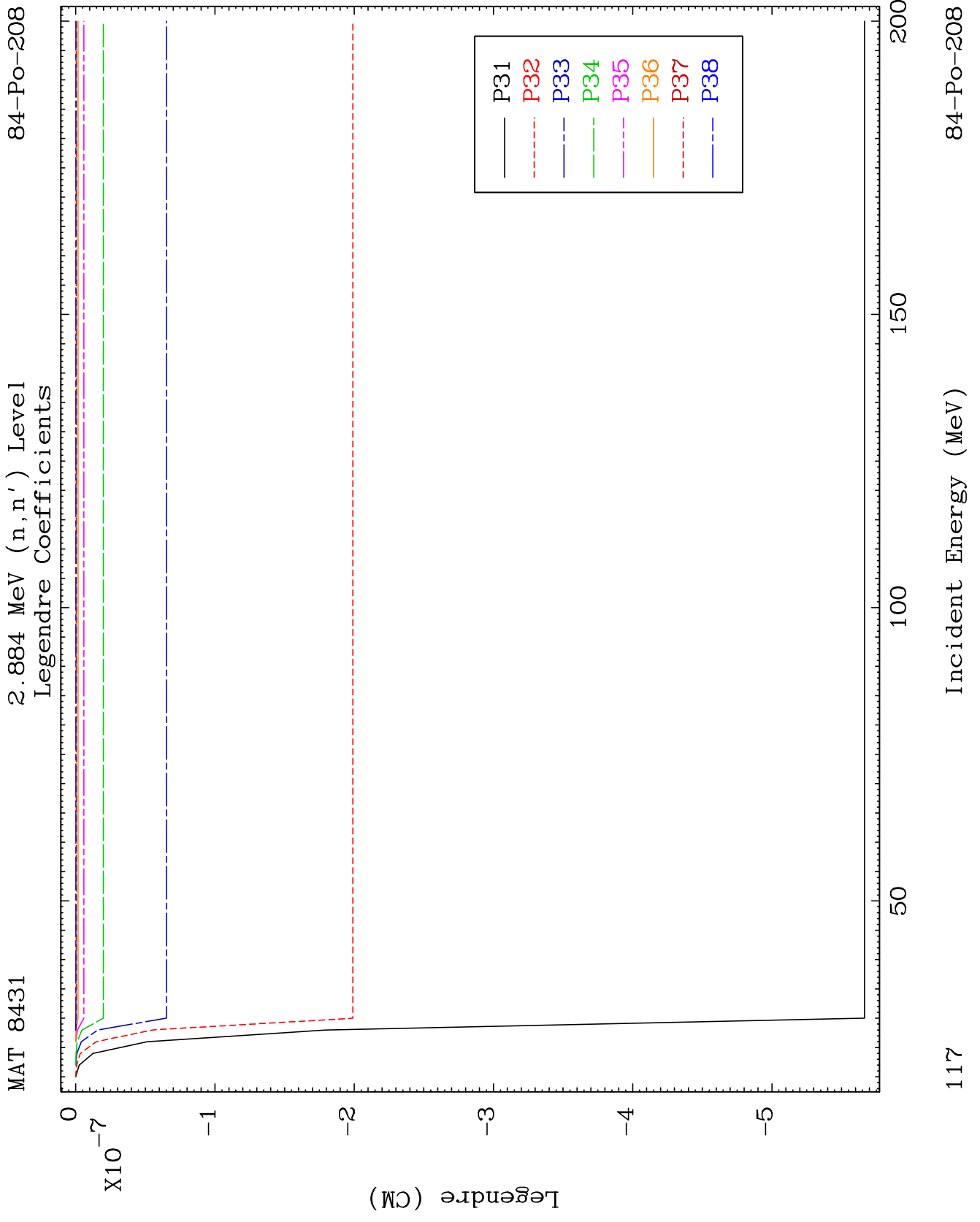
84-Po-208



116

Incident Energy (MeV)

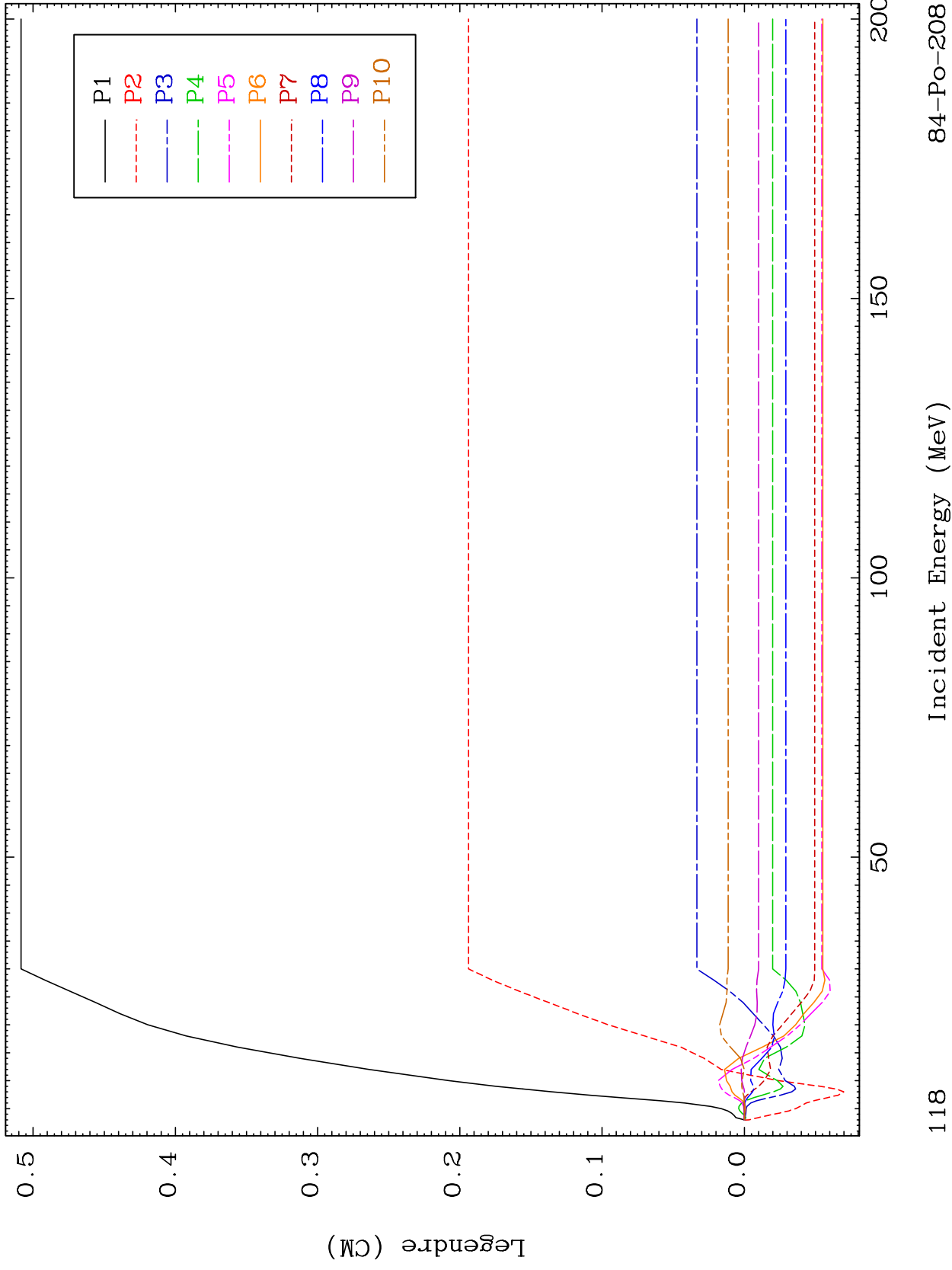
84-Po-208



MAT 8431

2.927 MeV (n,n') Level
Legendre Coefficients

84-Po-208



118

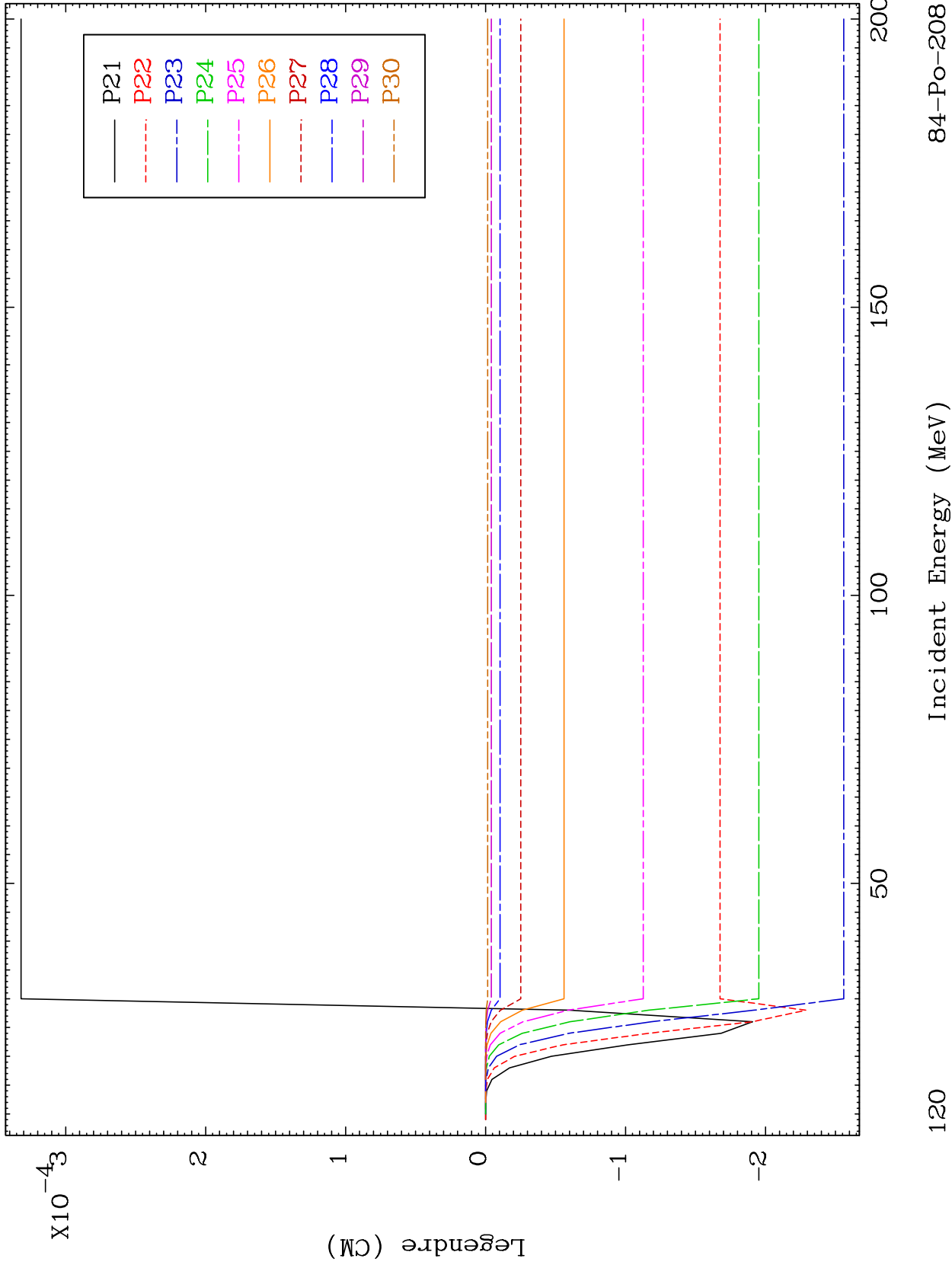
Incident Energy (MeV)

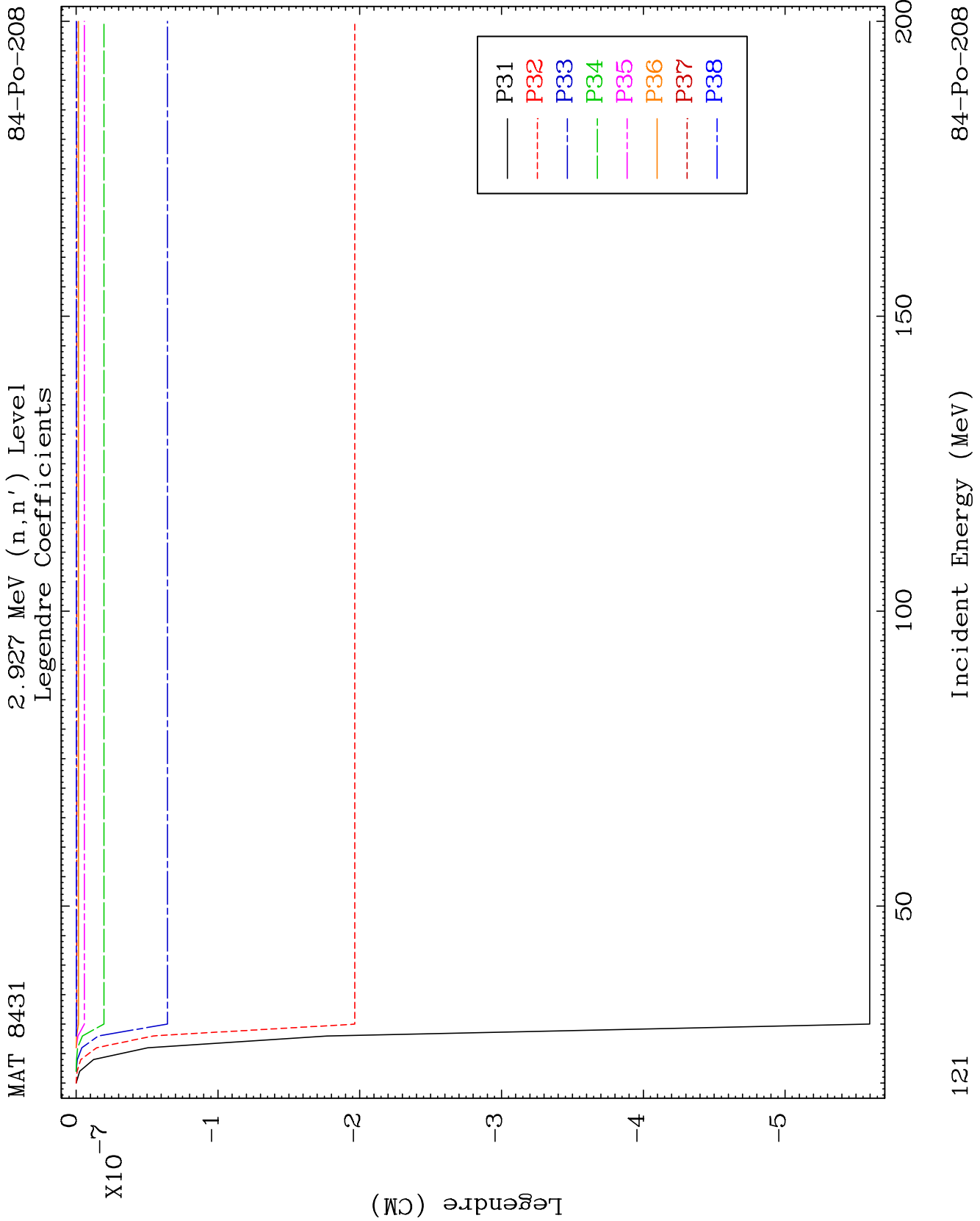
84-Po-208

MAT 8431

2.927 MeV (n,n') Level
Legendre Coefficients

84-Po-208

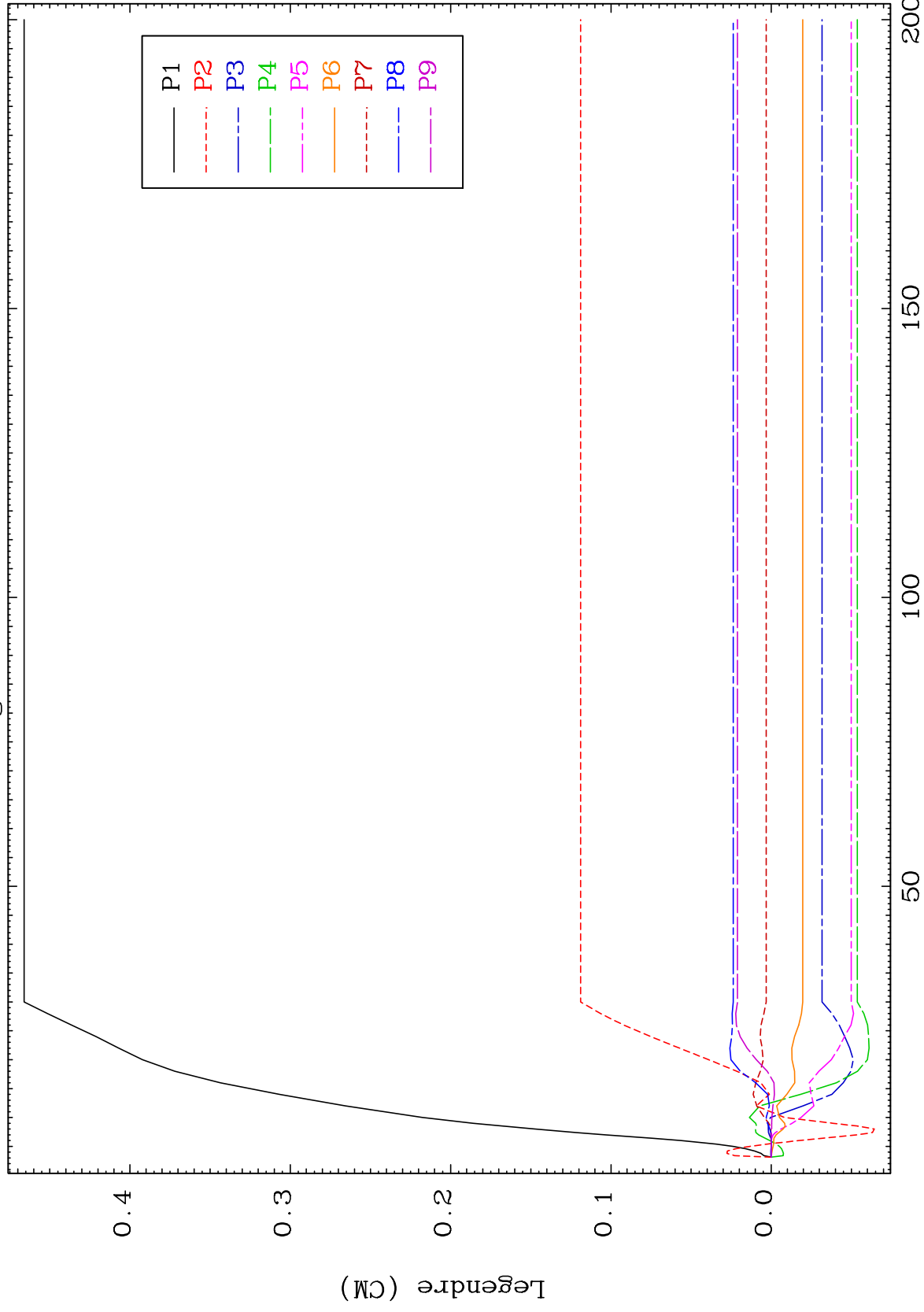




MAT 8431

3.113 MeV (n,n') Level
Legendre Coefficients

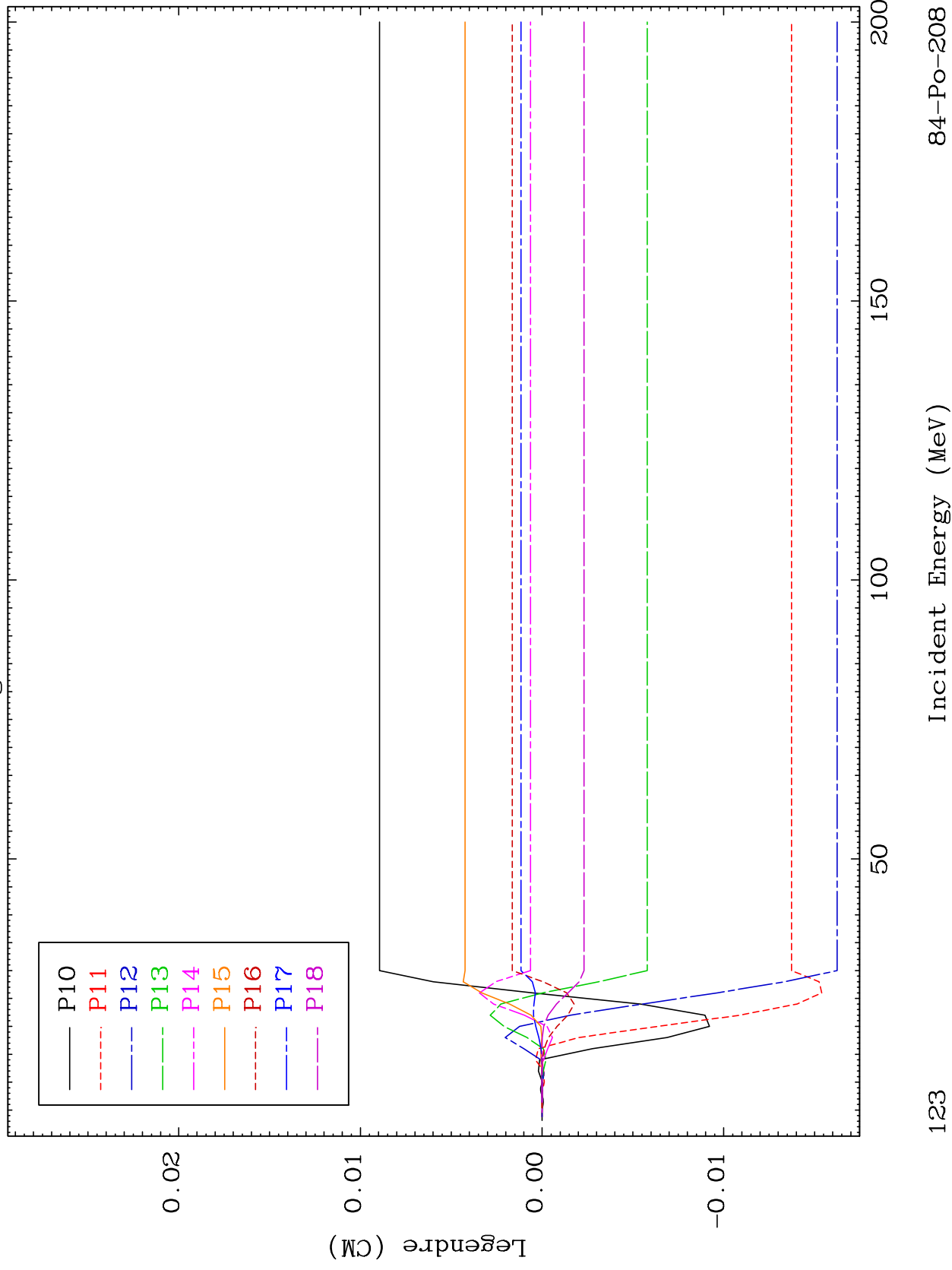
84-Po-208



122

Incident Energy (MeV)

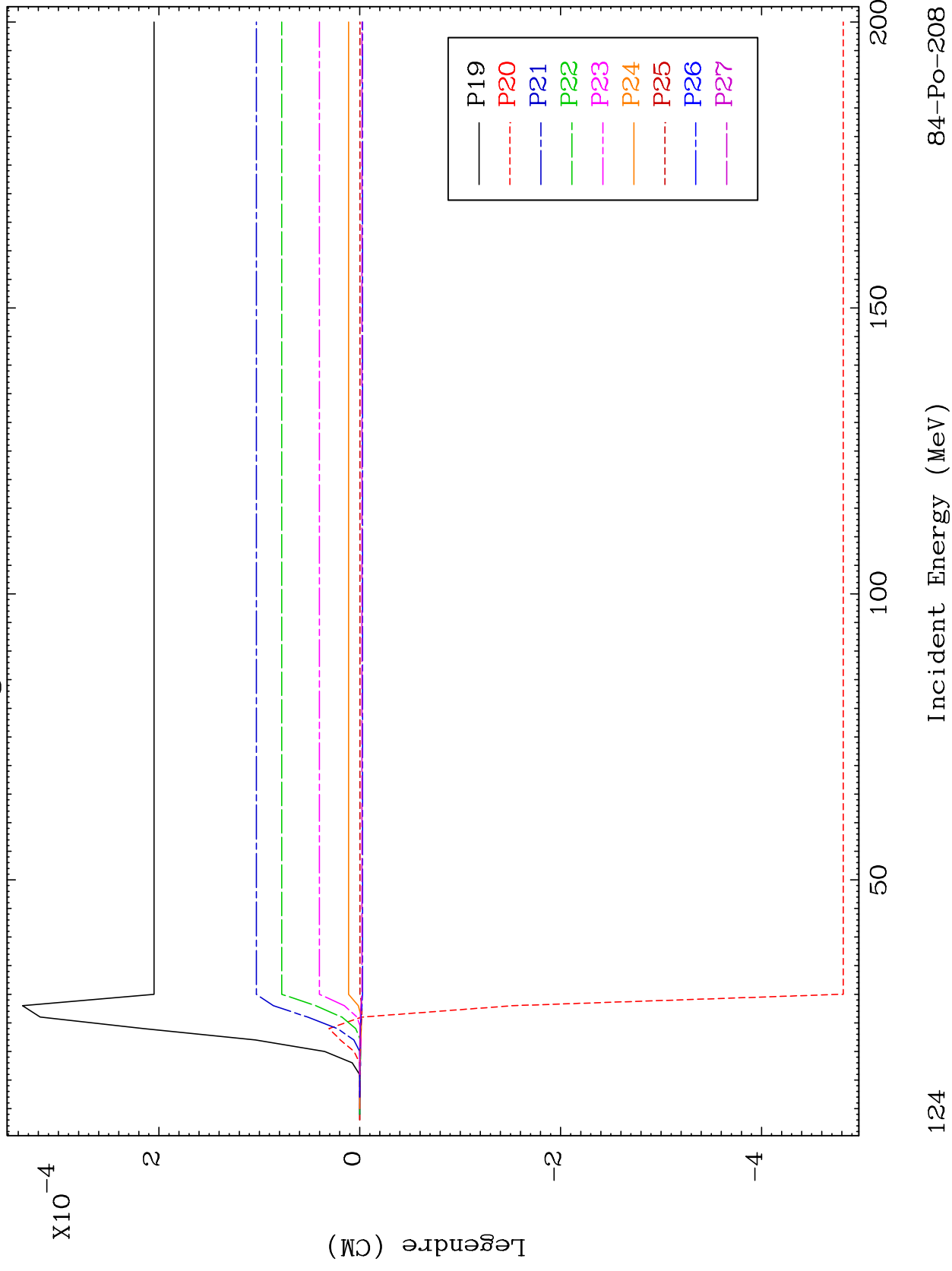
84-Po-208



MAT 8431

3.113 MeV (n,n') Level
Legendre Coefficients

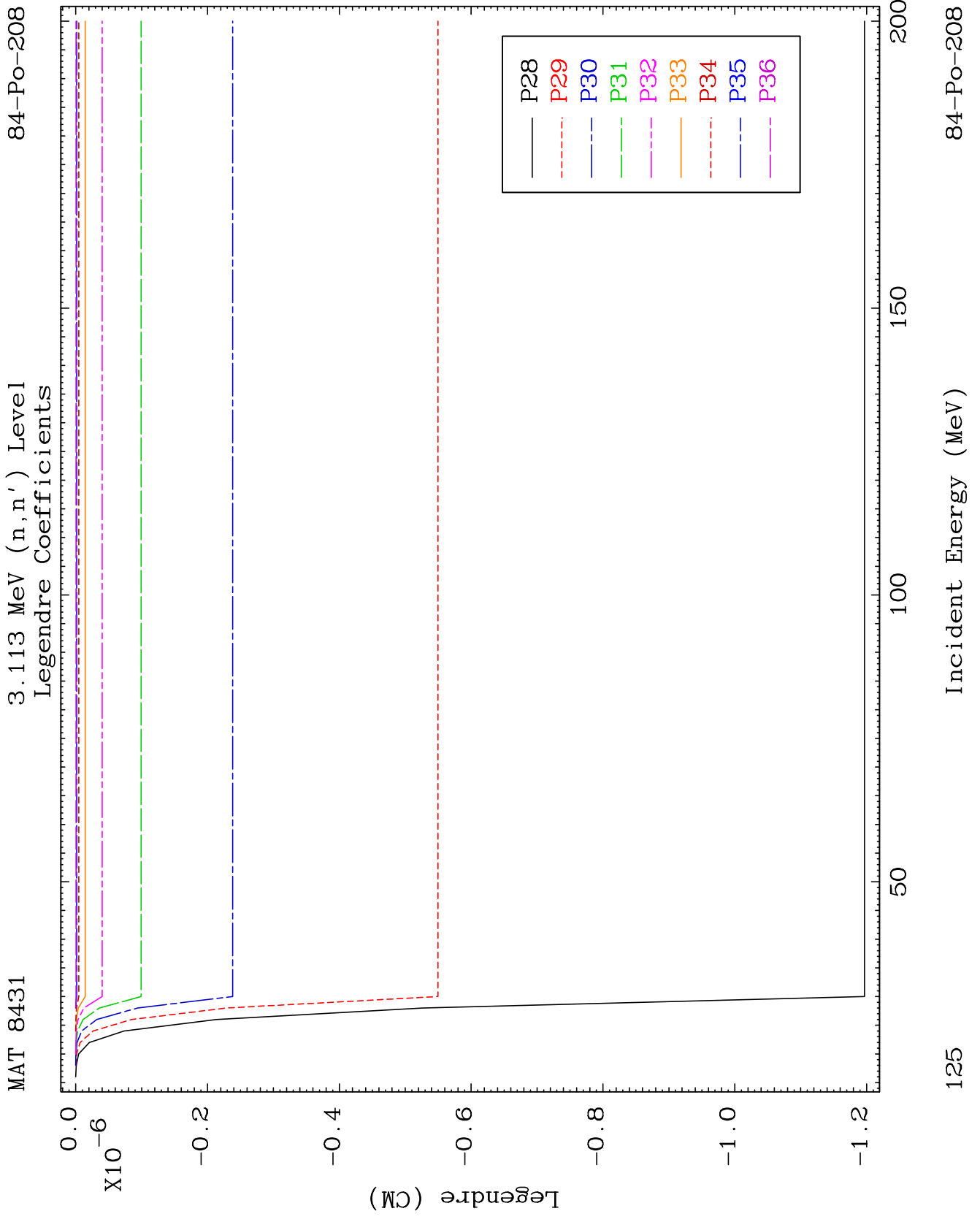
84-Po-208

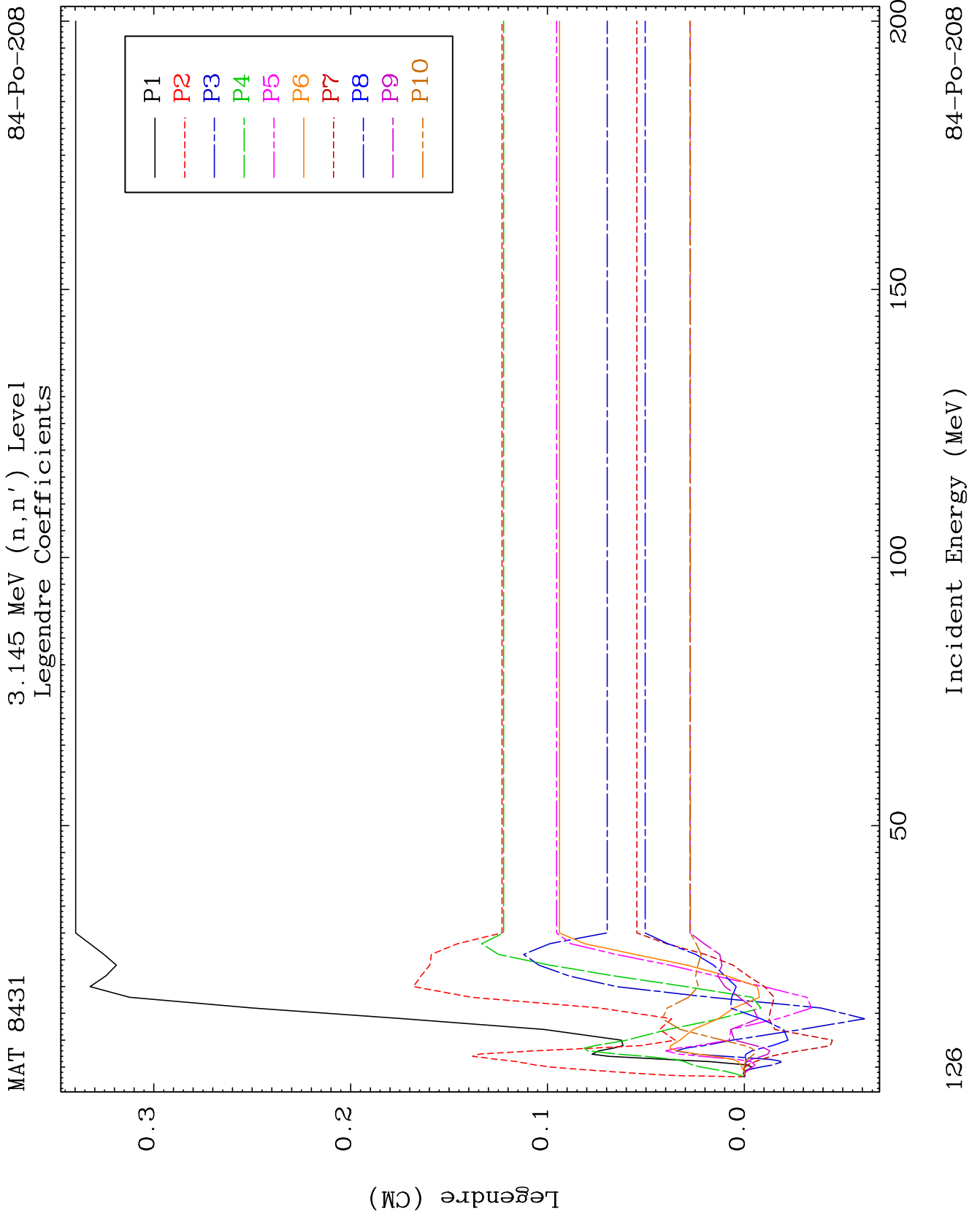


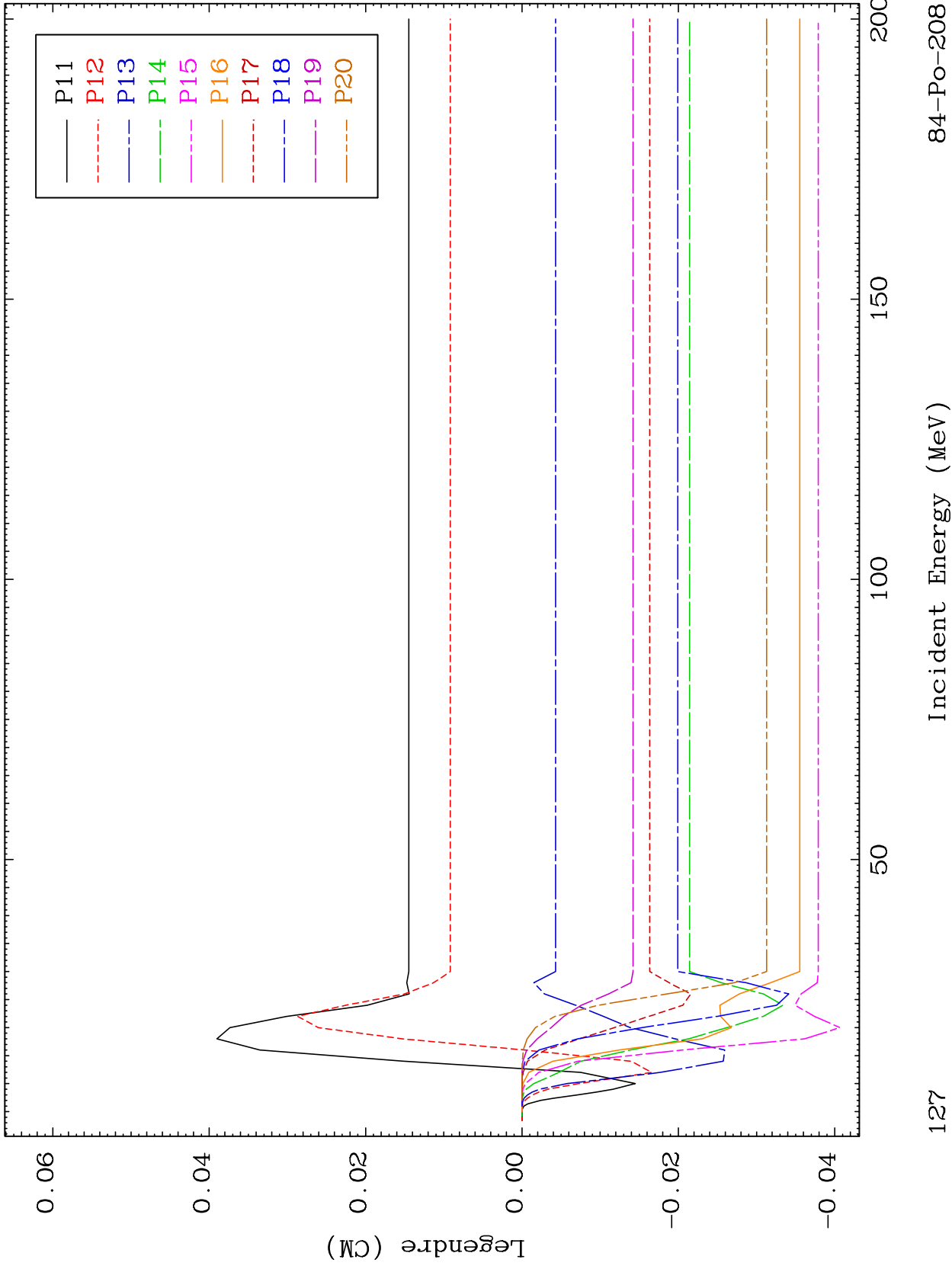
124

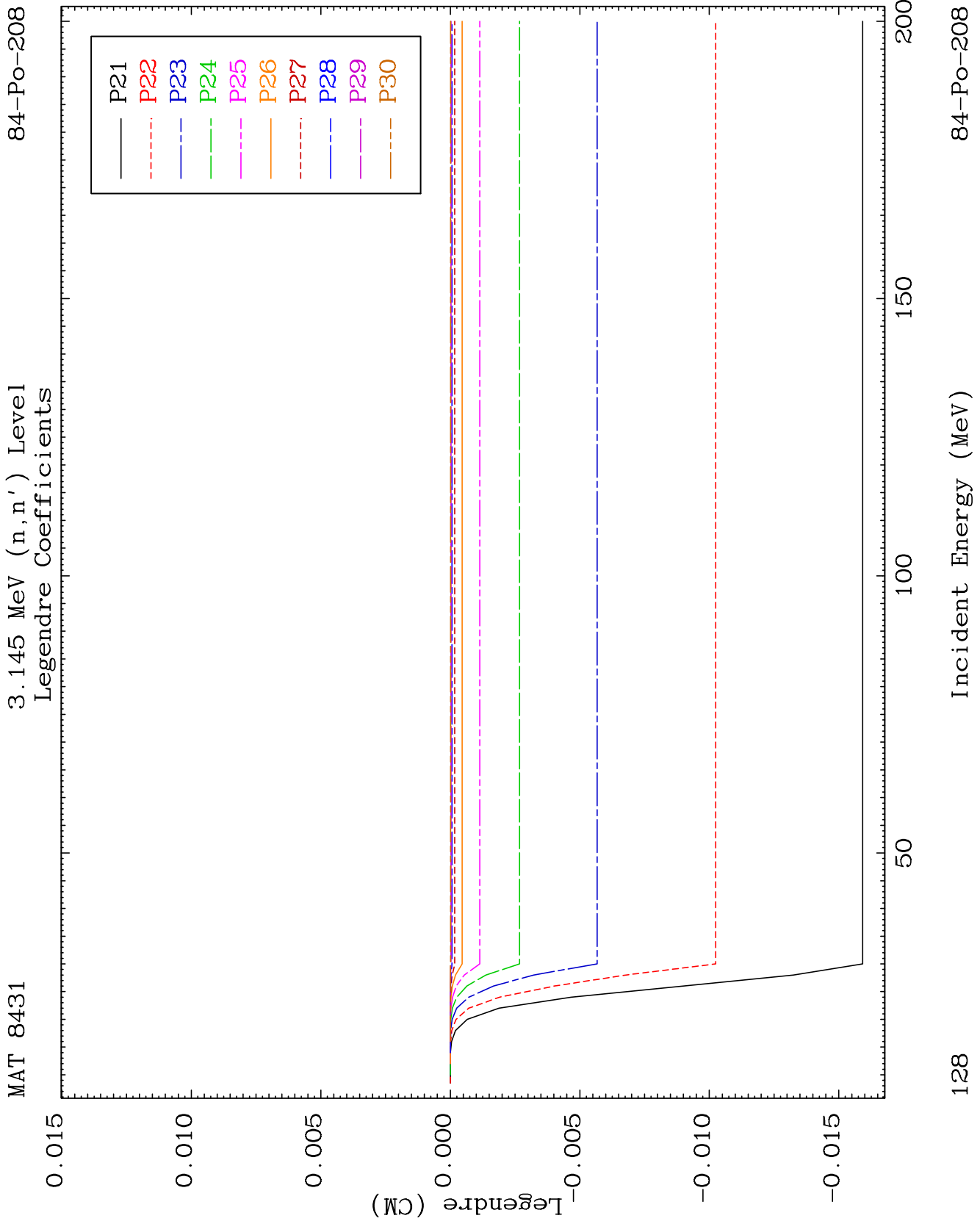
Incident Energy (MeV)

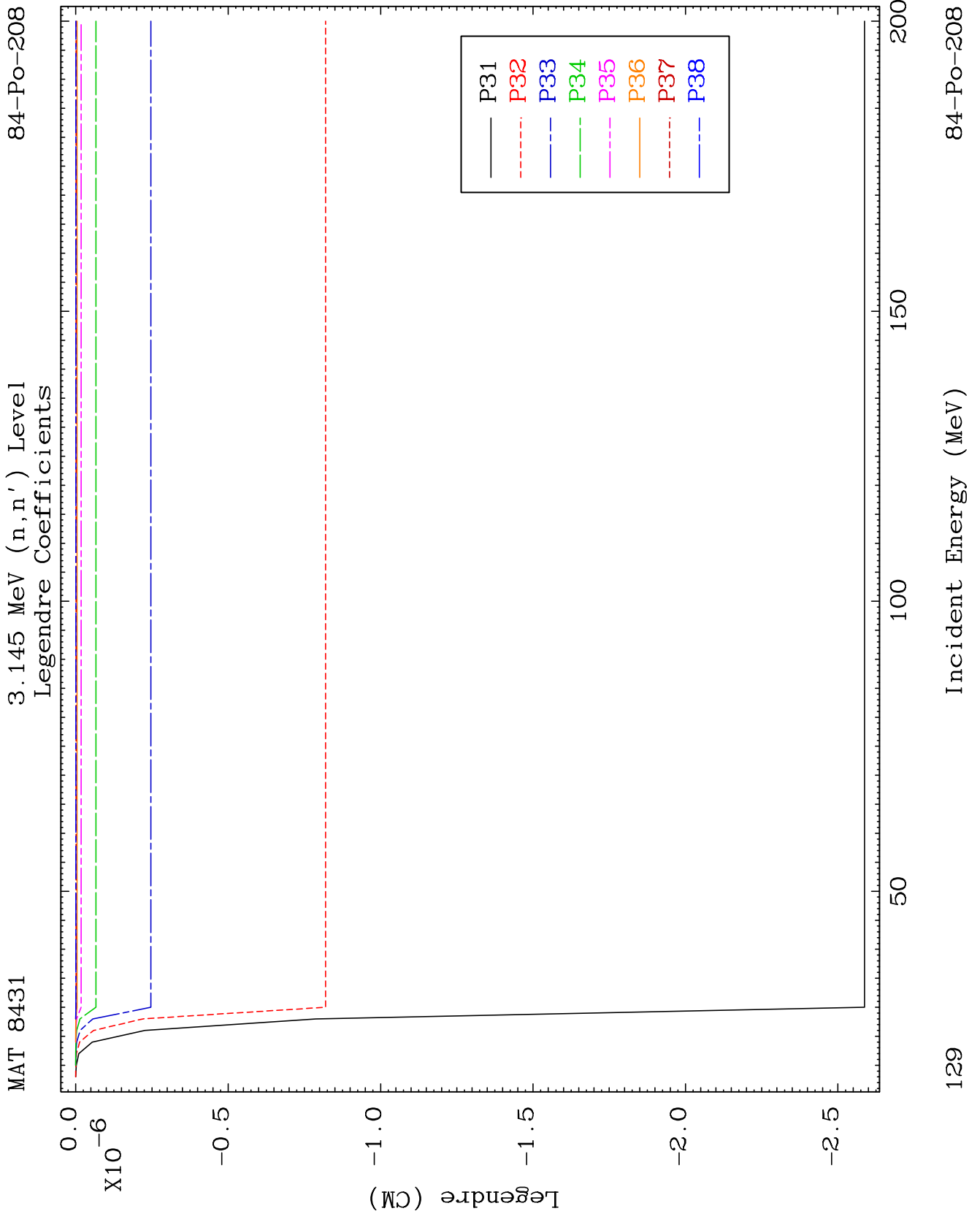
84-Po-208









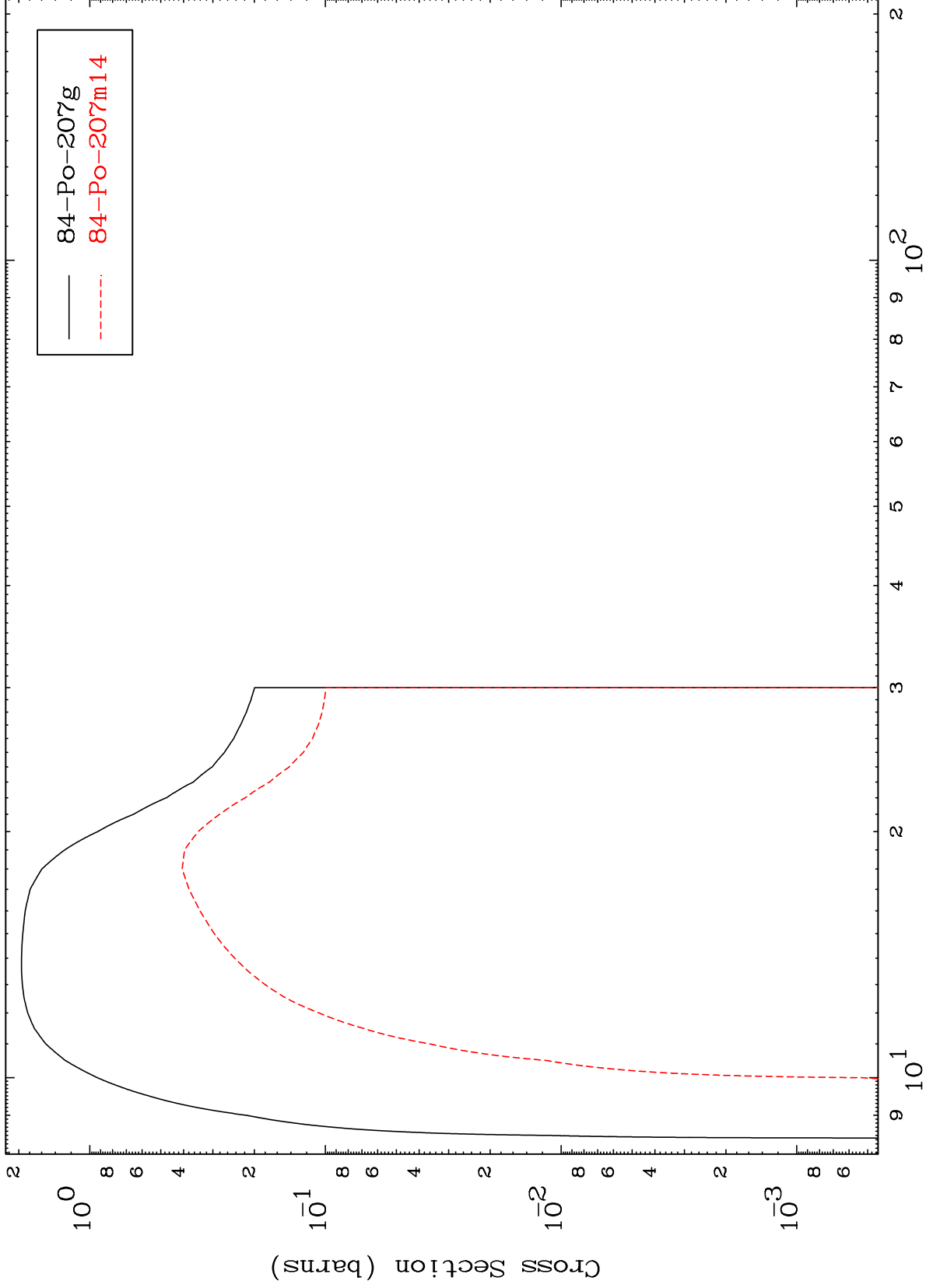


MAT 8431

(n,2n)

84-Po-208

Radionuclide Production Cross Section



130

Incident Energy (MeV)

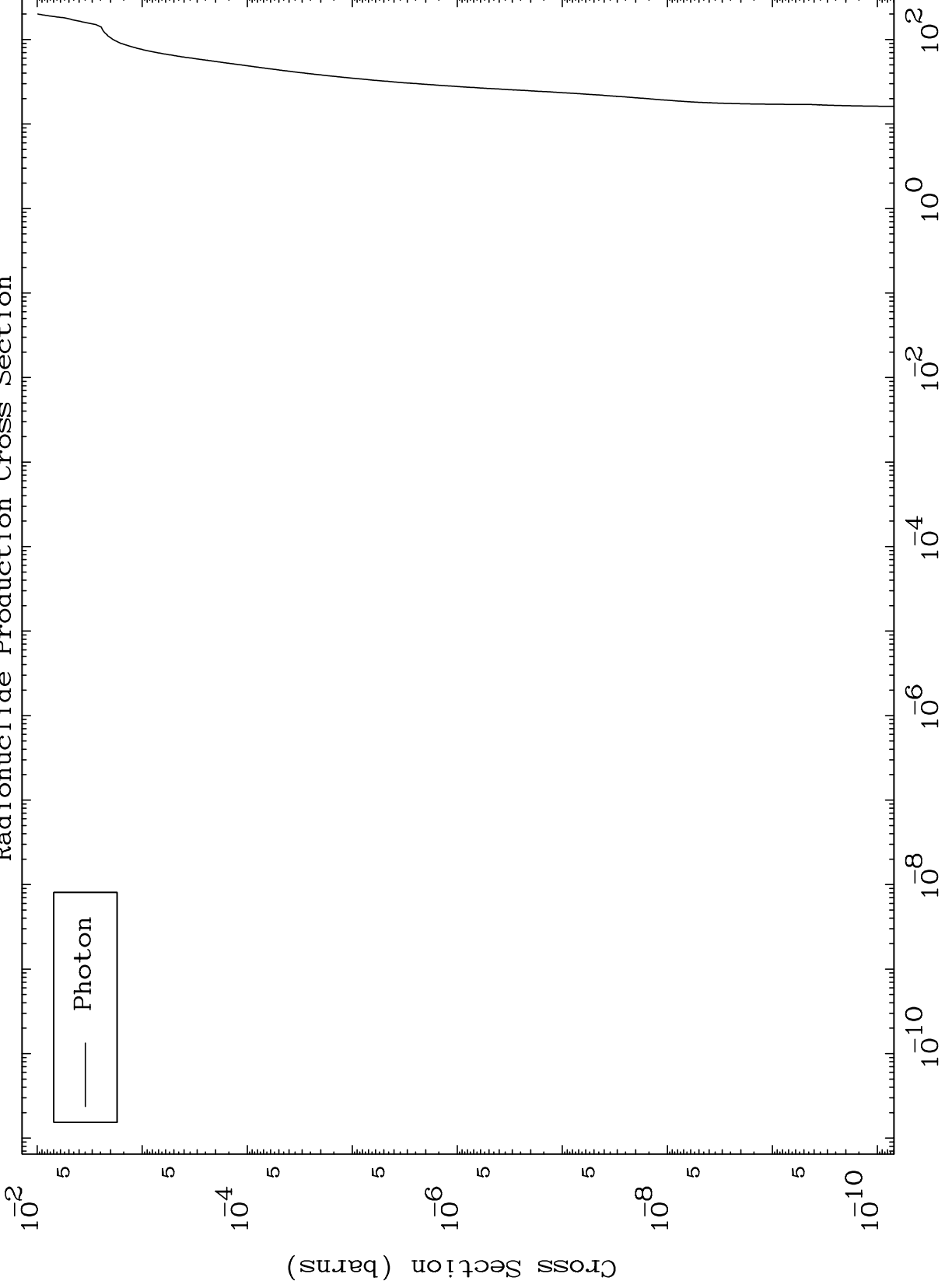
84-Po-208

MAT 8431

Fission

84-Po-208

Radionuclide Production Cross Section



131

Incident Energy (MeV)

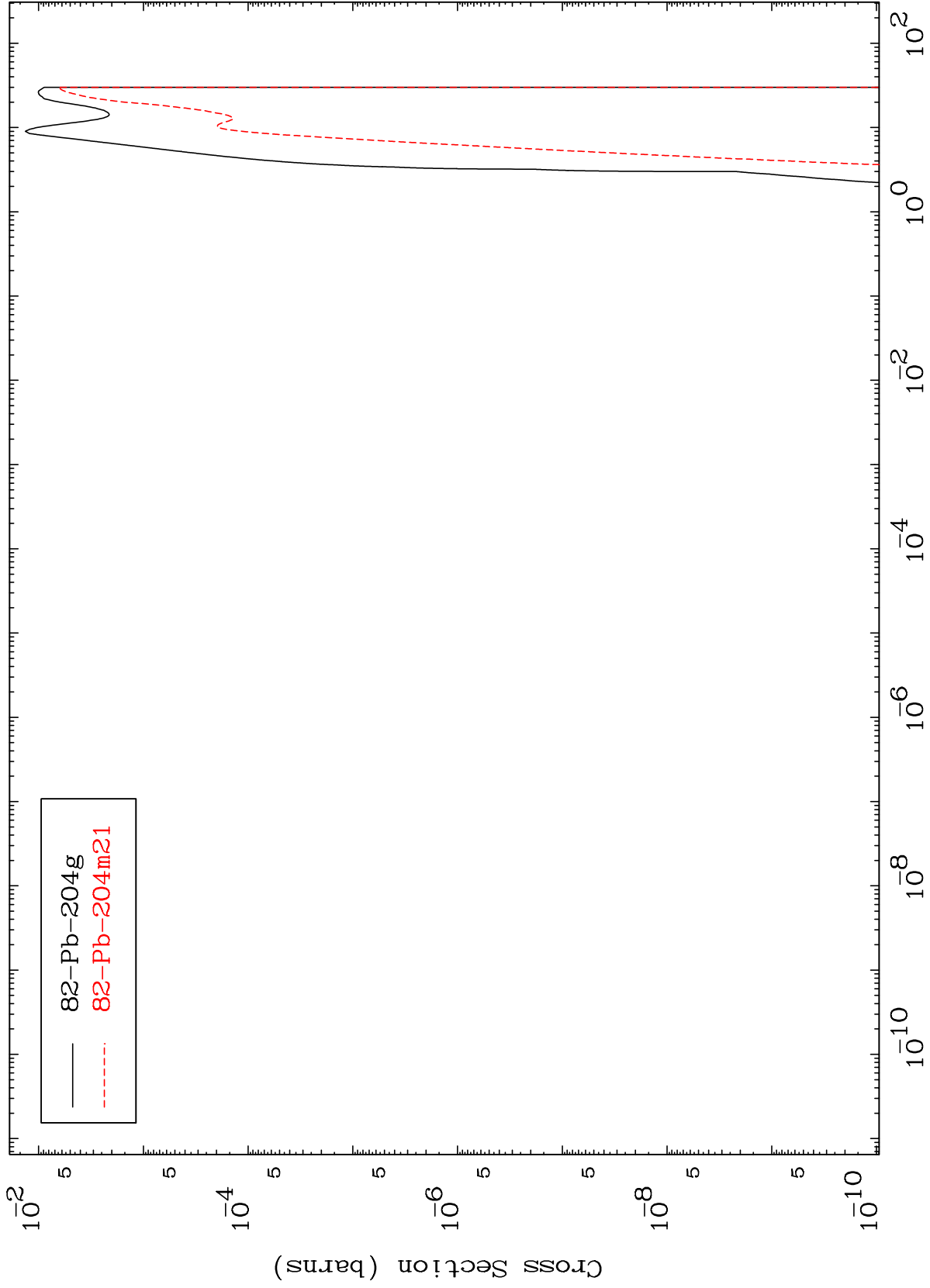
84-Po-208

MAT 8431

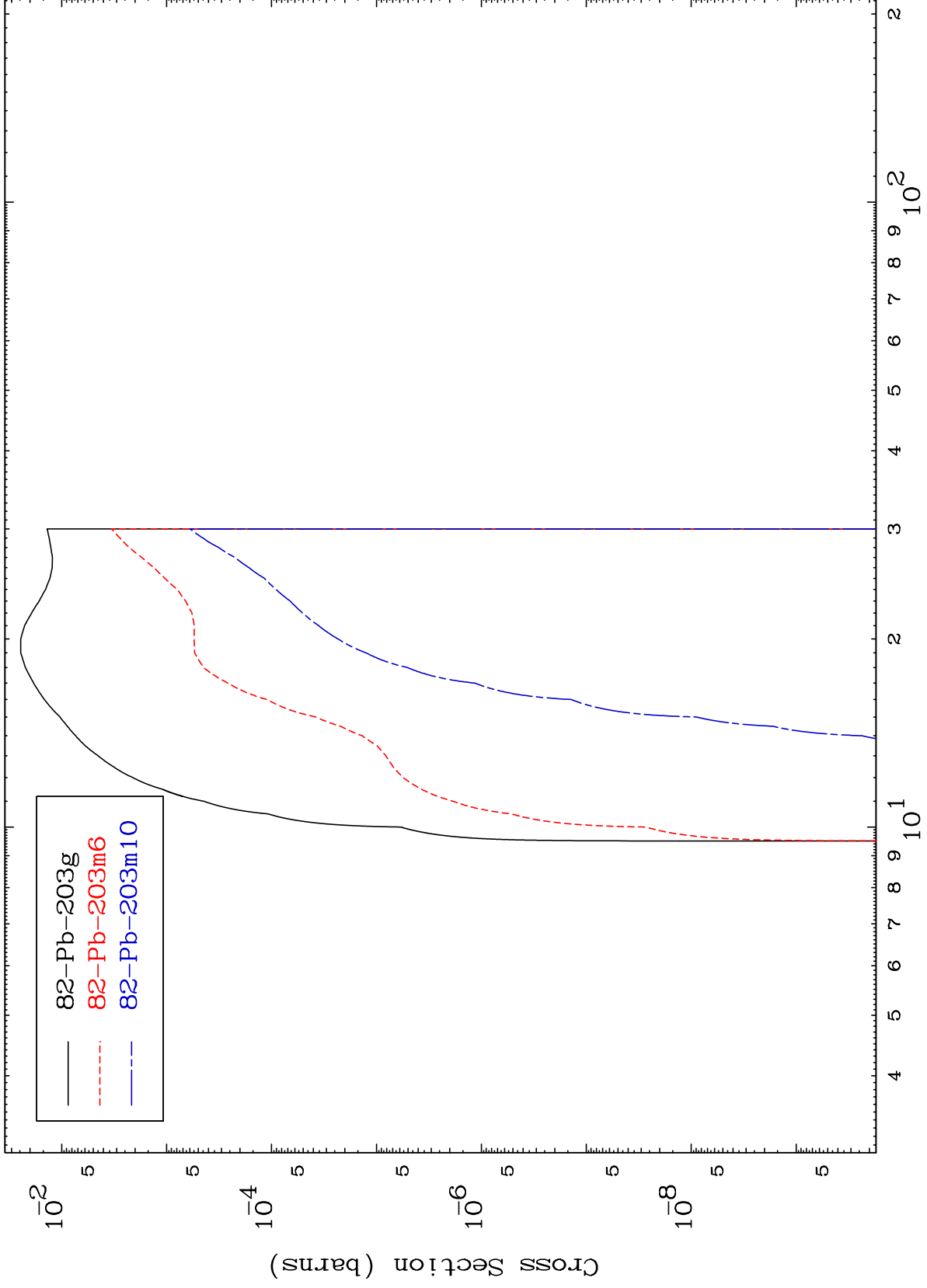
$(n, n') \alpha$

84-Po-208

Radionuclide Production Cross Section



Radionuclide Production Cross Section

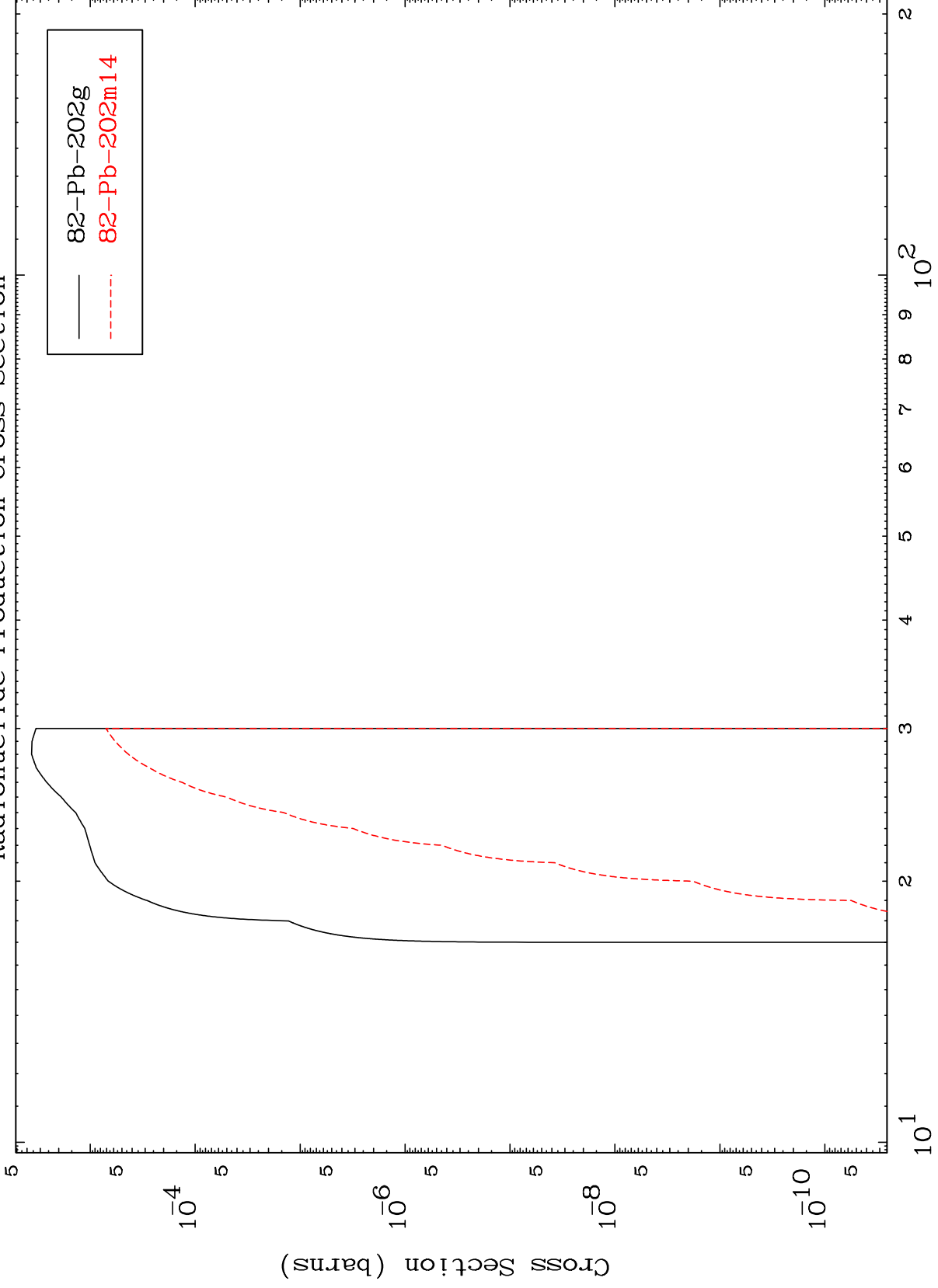


MAT 8431

(n,3n) α

84-Po-208

Radionuclide Production Cross Section



134

Incident Energy (MeV)

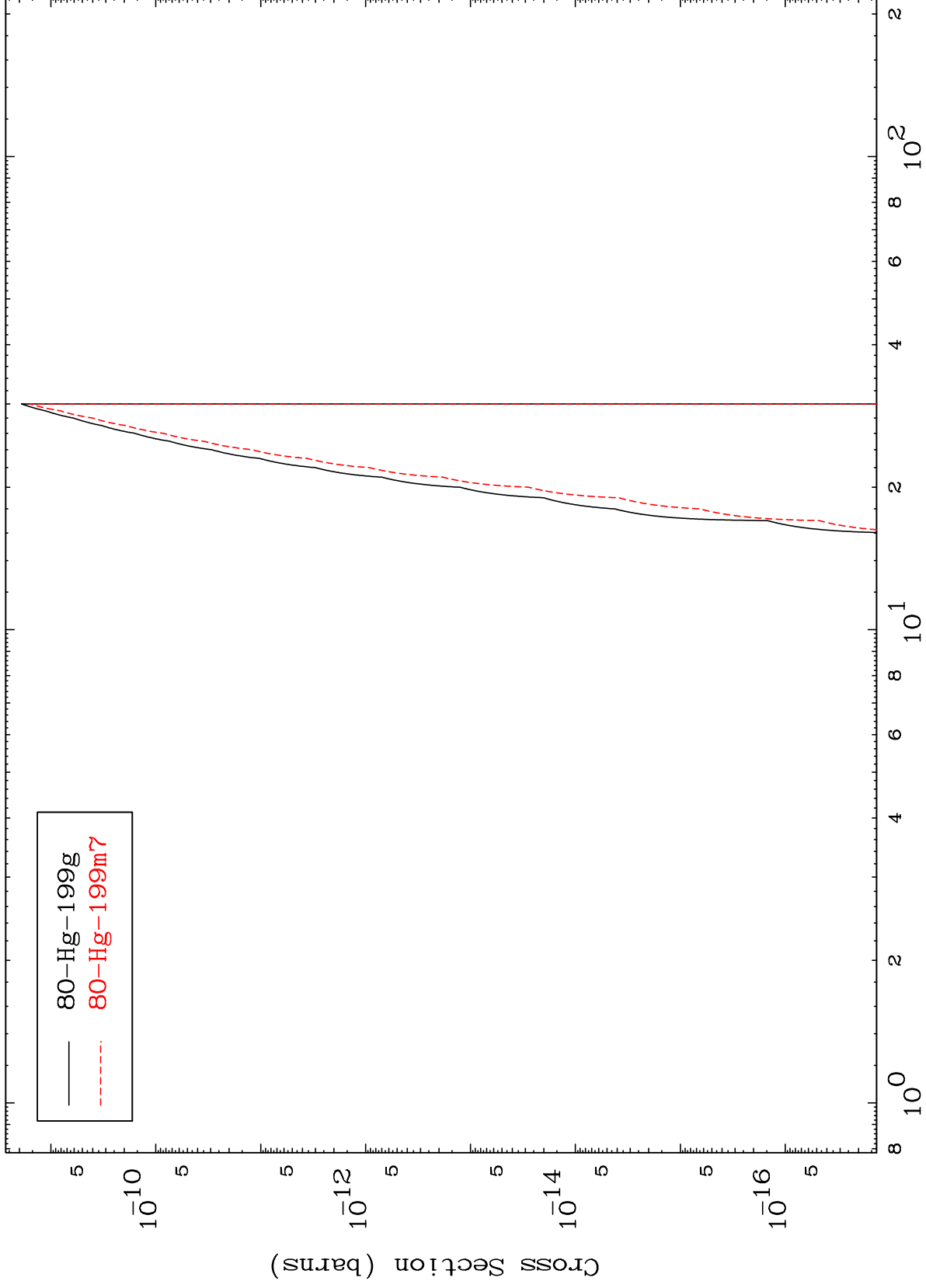
84-Po-208

MAT 8431

(n,2n) 2 α

84-Po-208

Radionuclide Production Cross Section



135

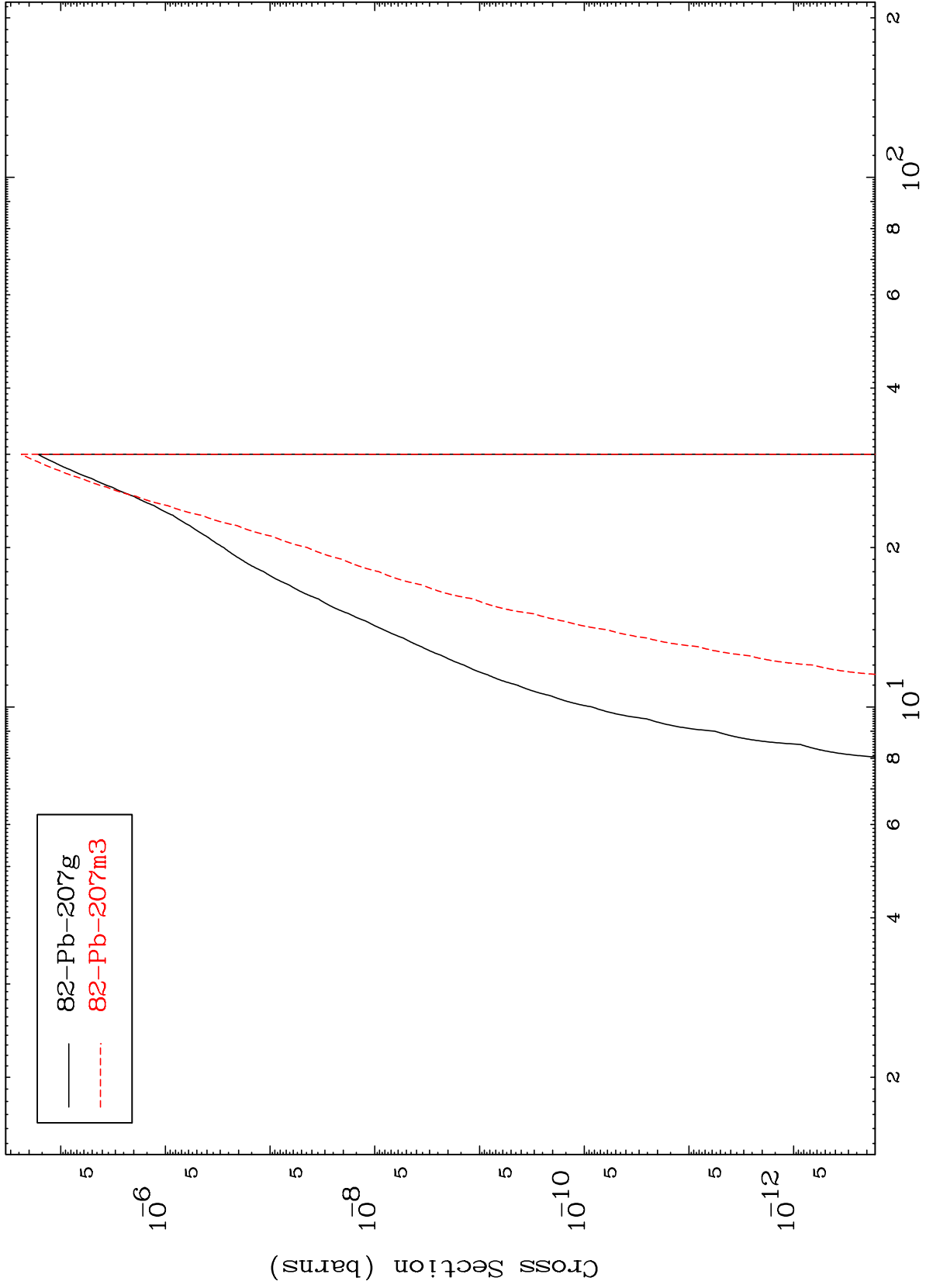
Incident Energy (MeV)

84-Po-208

MAT 8431

84-Po-208

(n,2p)
Radionuclide Production Cross Section



136

84-Po-208

Incident Energy (MeV)