

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

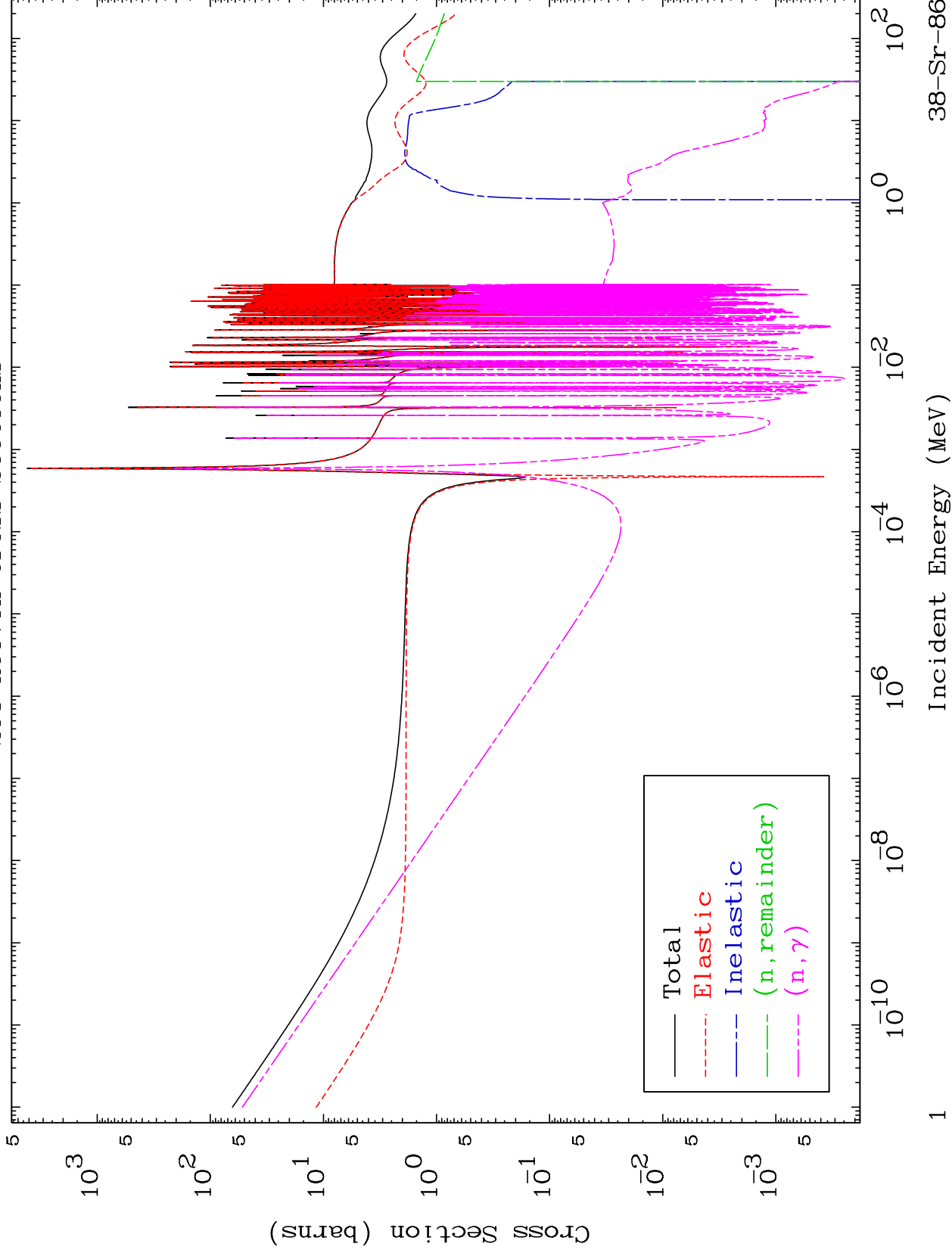
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

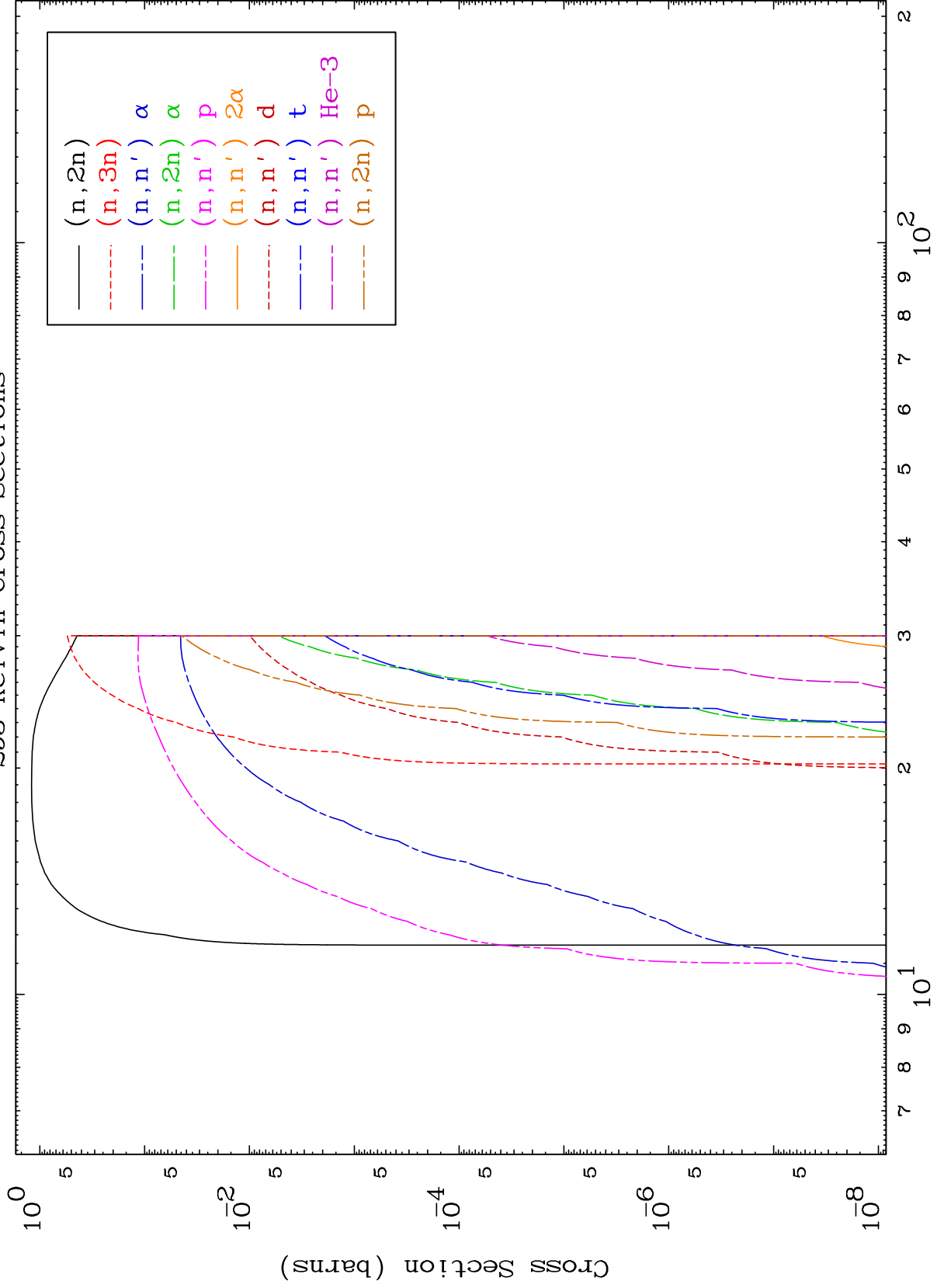
Press Mouse Button to Start

MAT 3831

Major
293 Kelvin Cross Sections

38-Sr-86

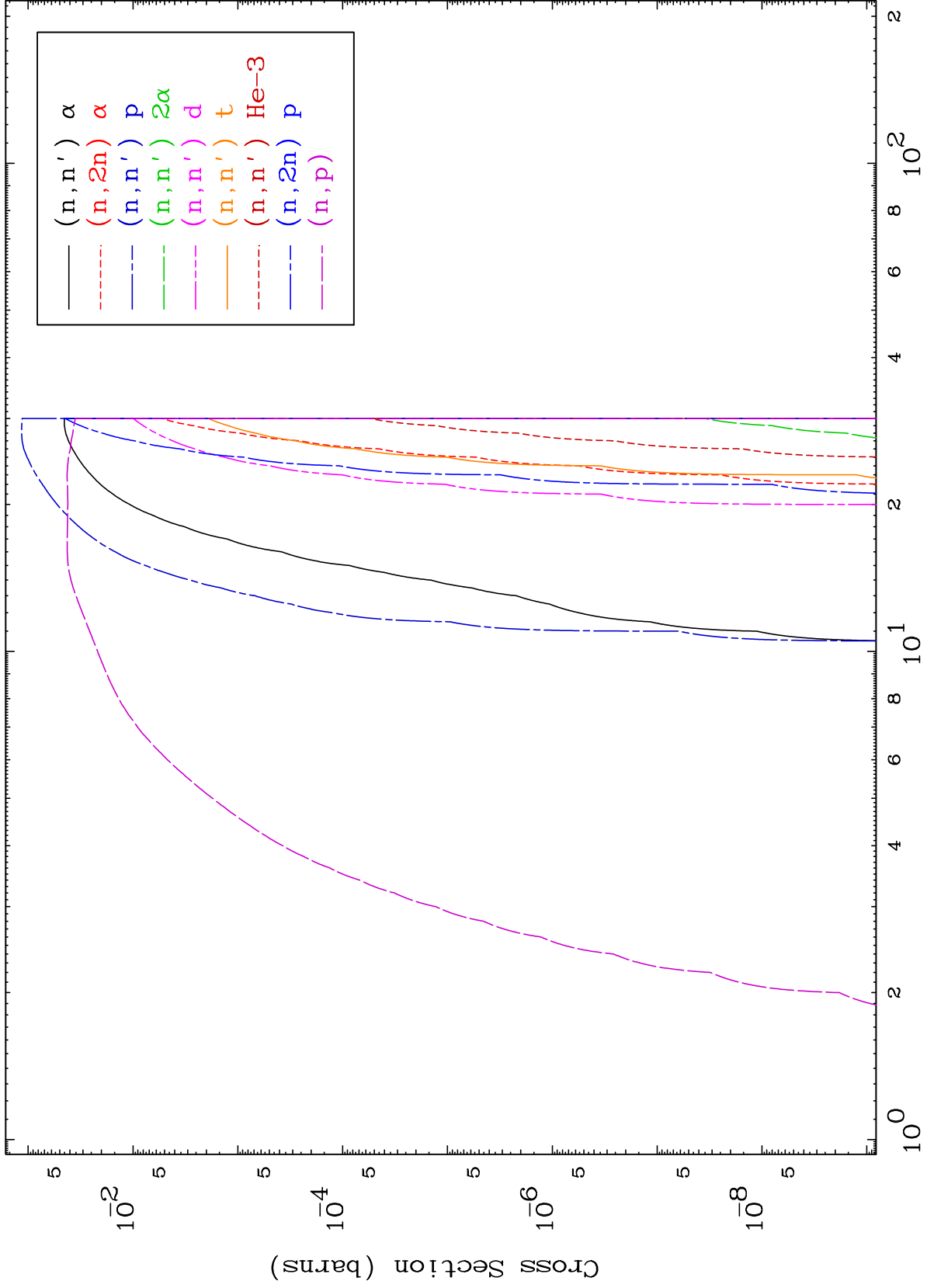




MAT 3831

Charged Particle
293 Kelvin Cross Sections

38-Sr-86



Incident Energy (MeV)

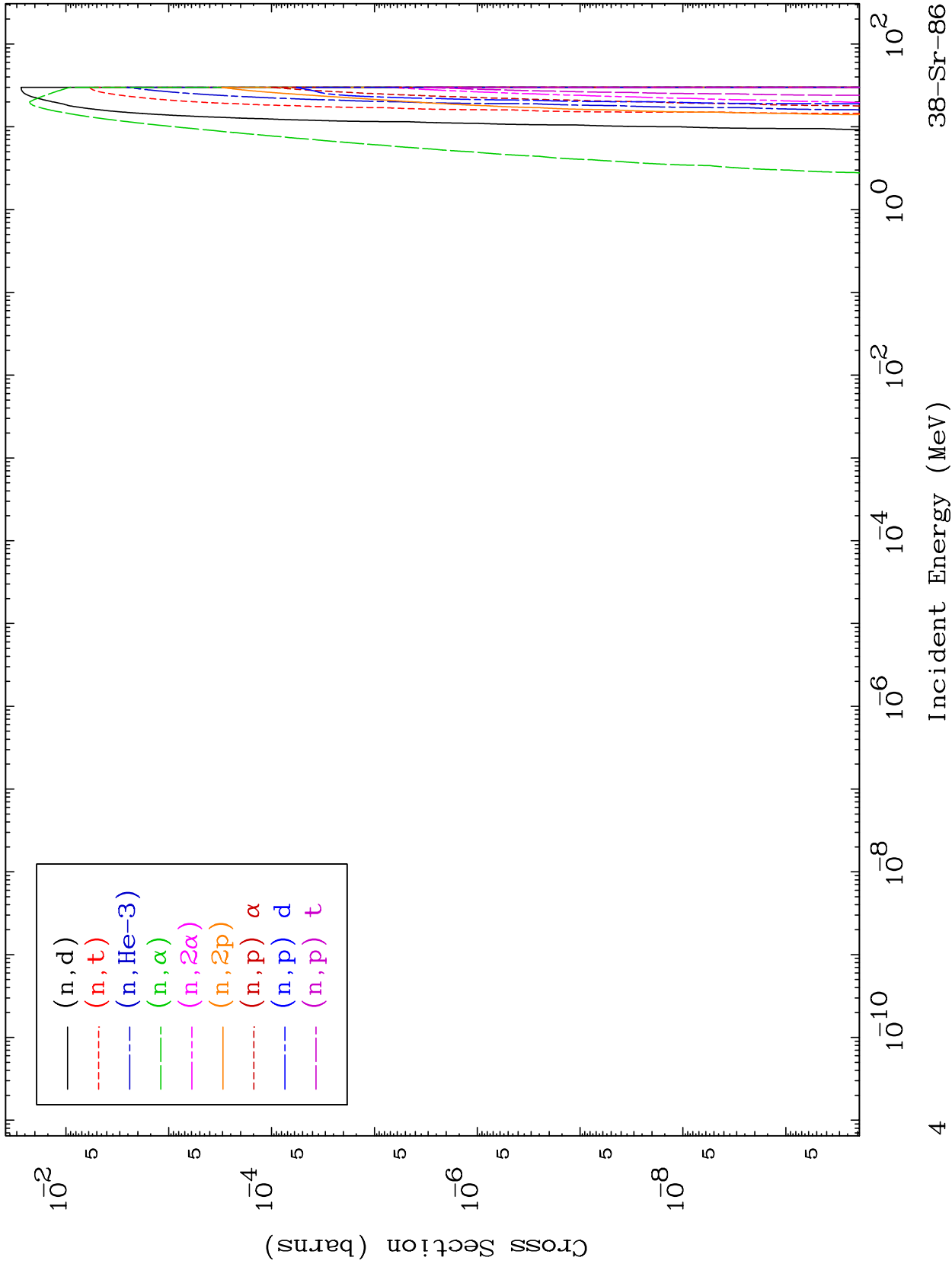
38-Sr-86

3

MAT 3831

Charged Particle
293 Kelvin Cross Sections

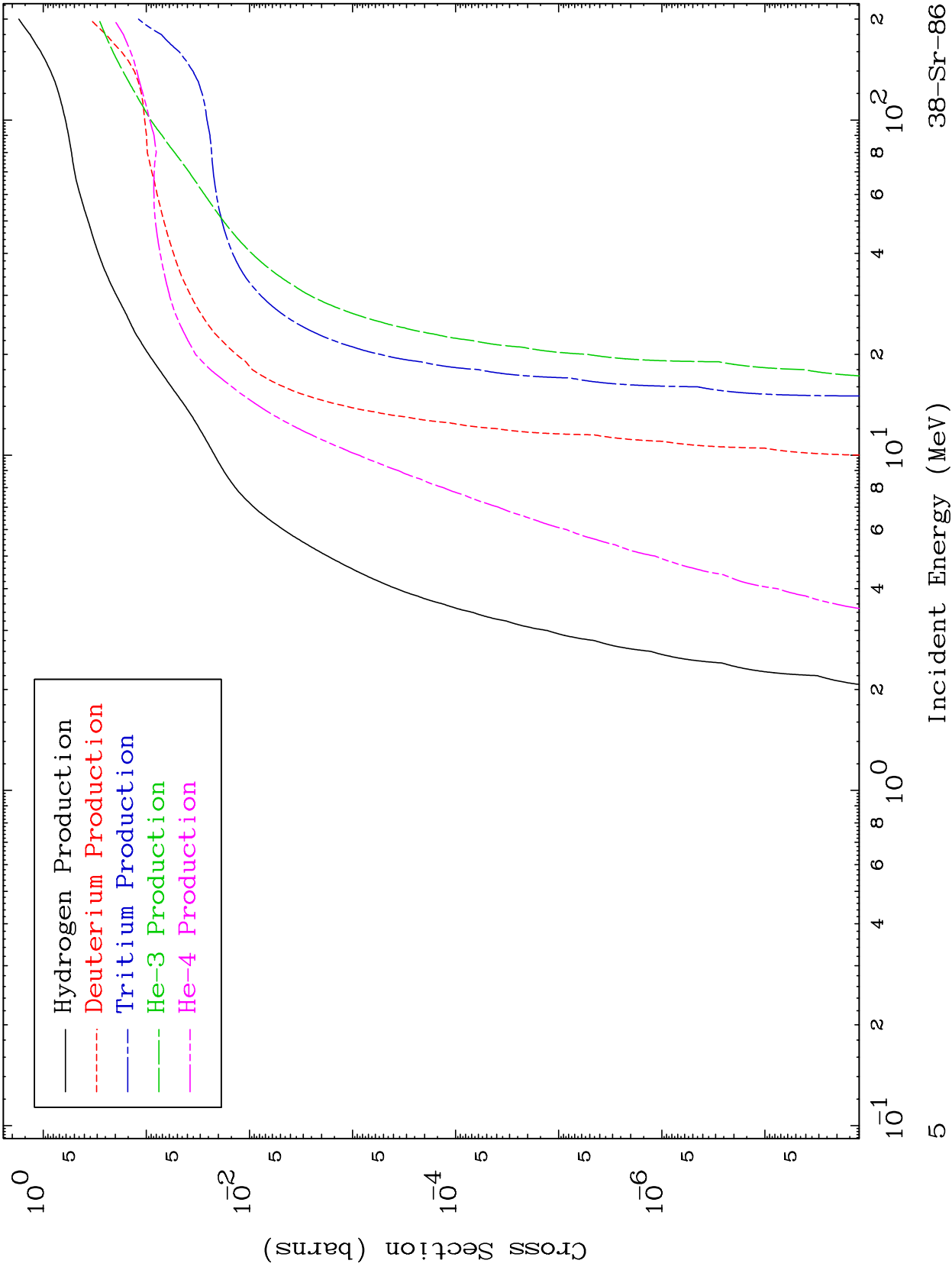
38-Sr-86



MAT 3831

Particle Production
293 Kelvin Cross Sections

38-Sr-86



38-Sr-86

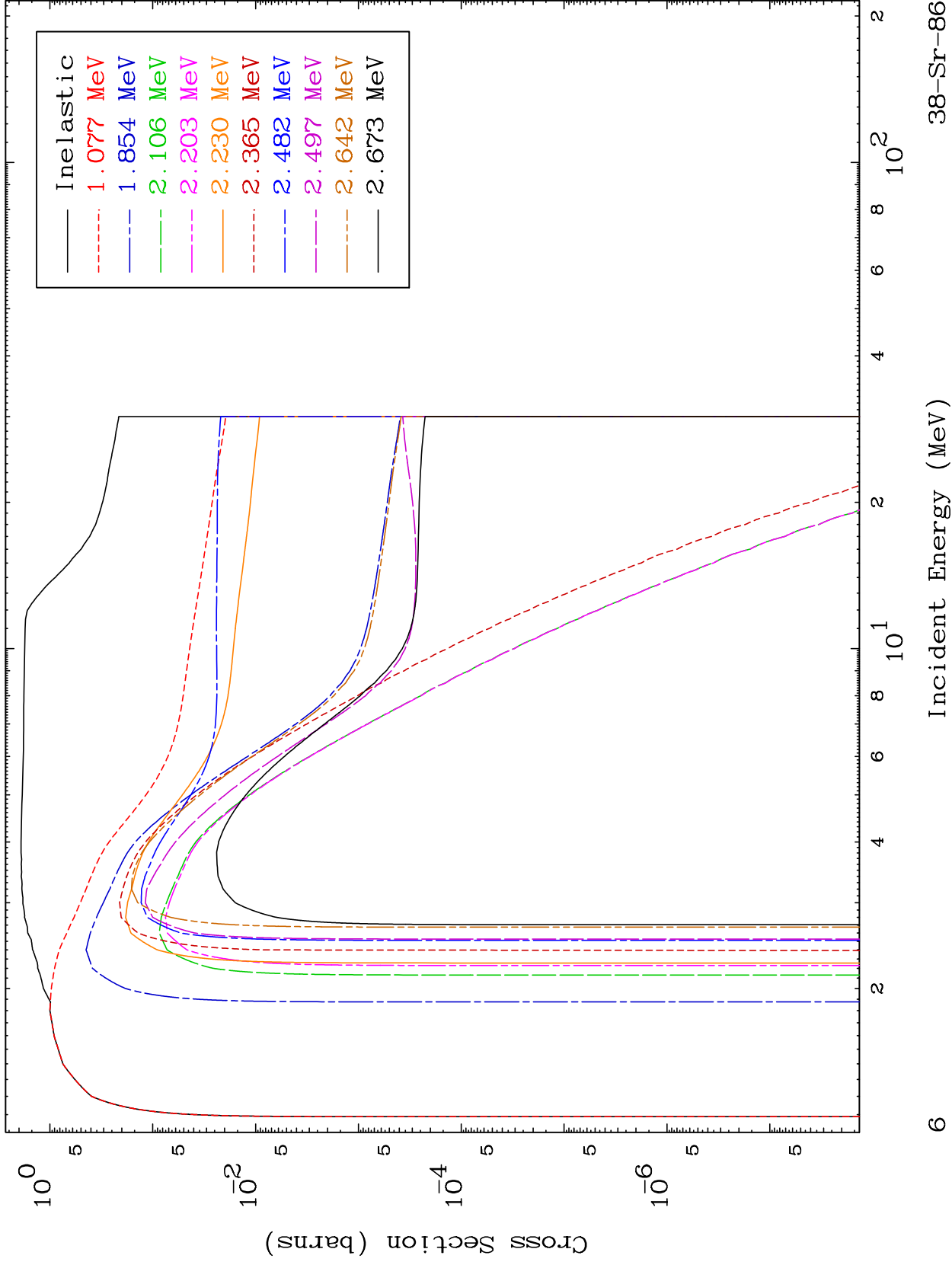
Incident Energy (MeV)

5

MAT 3831

(n,n') Level
293 Kelvin Cross Sections

38-Sr-86



6

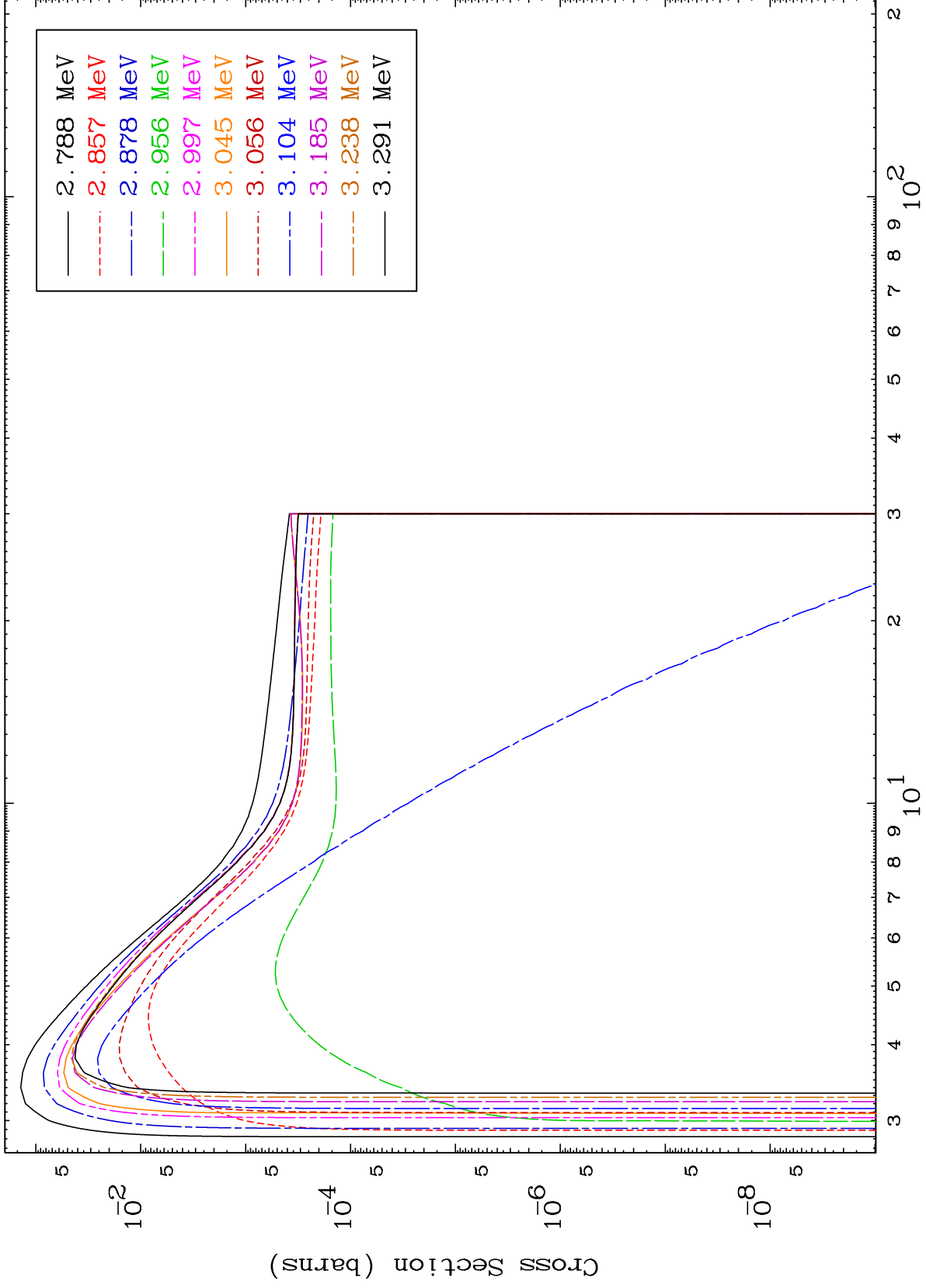
Incident Energy (MeV)

38-Sr-86

MAT 3831

(n,n') Level
293 Kelvin Cross Sections

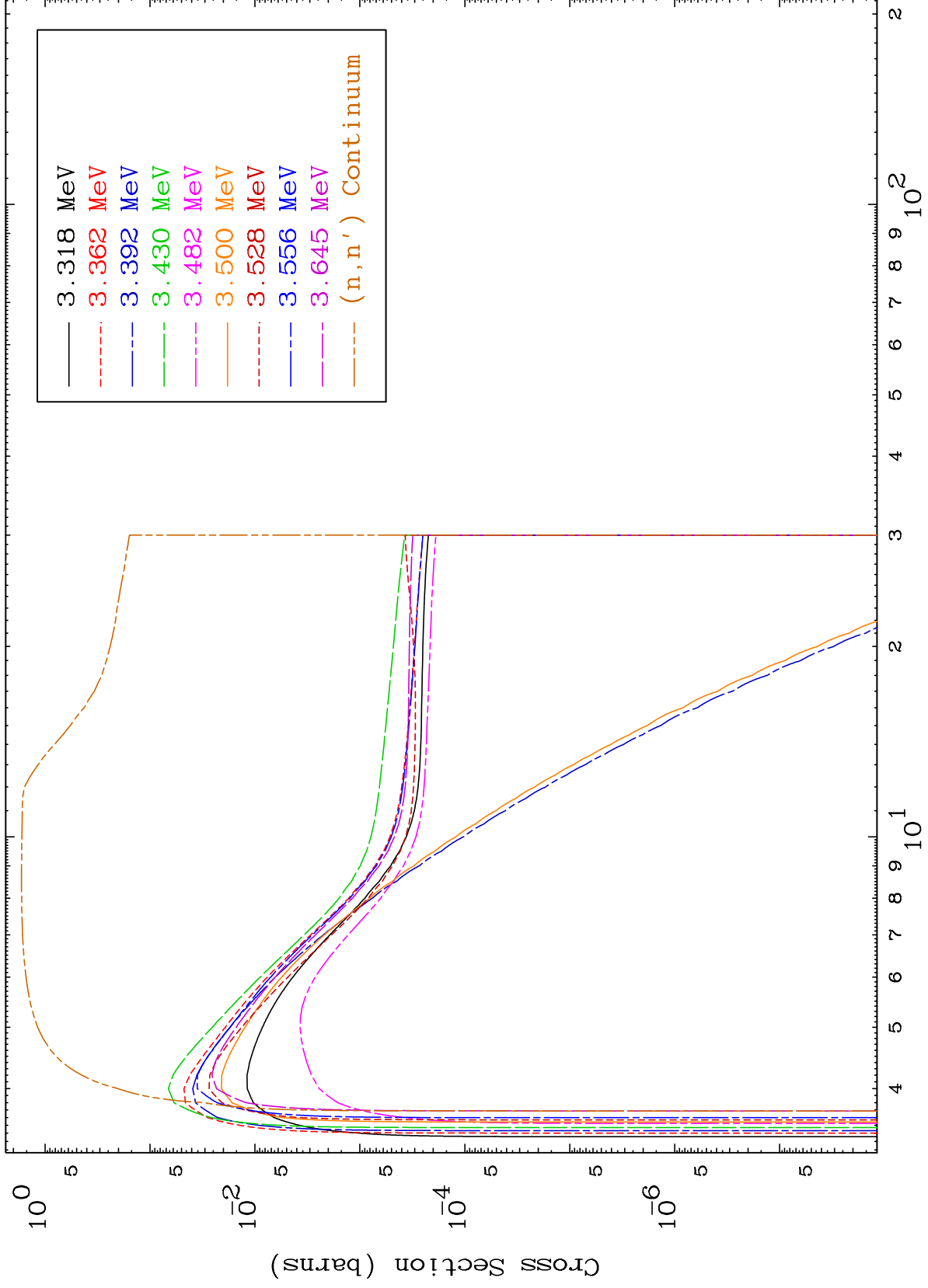
38-Sr-86



7

Incident Energy (MeV)

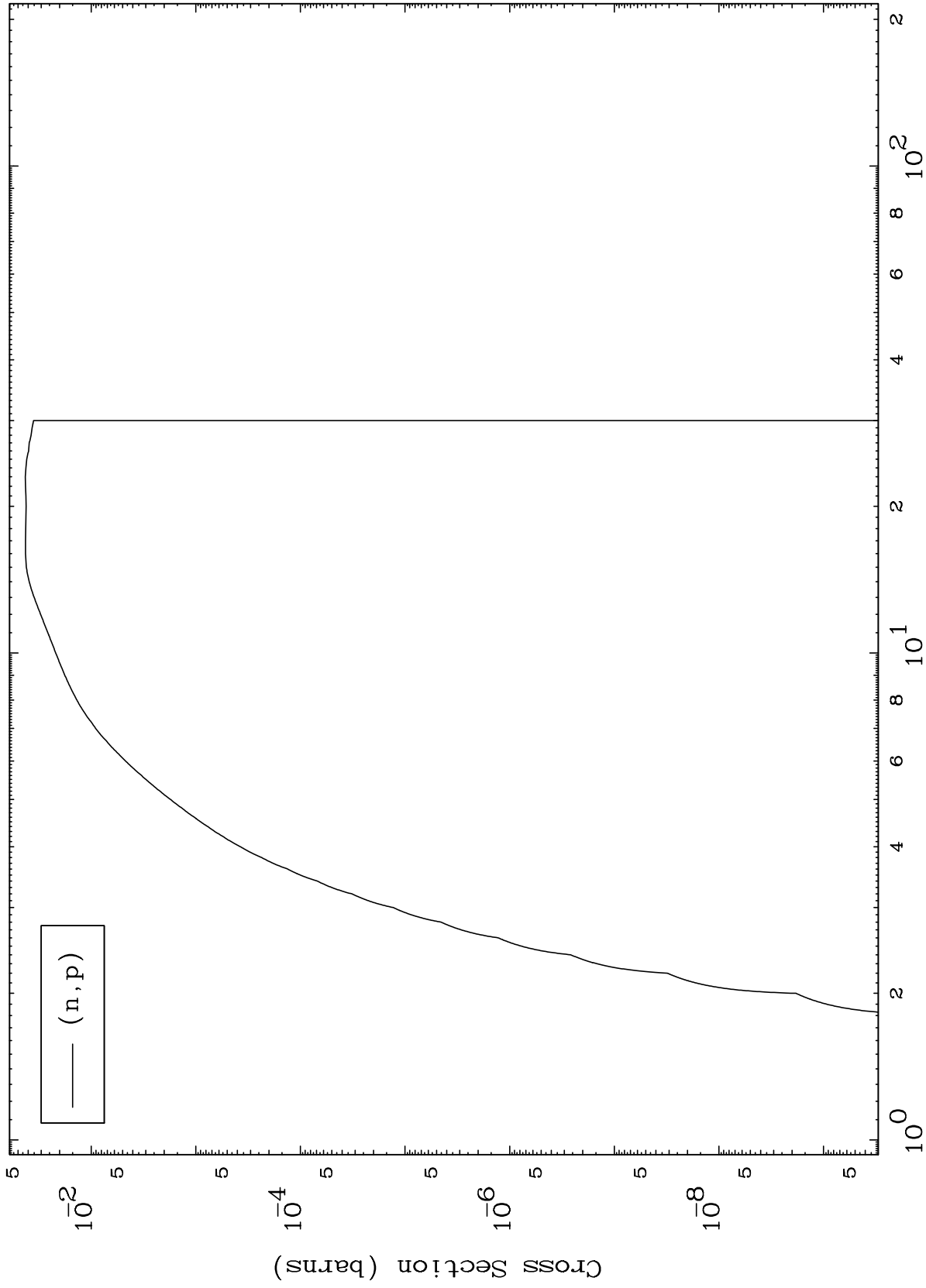
38-Sr-86



MAT 3831

(n,p) Levels
293 Kelvin Cross Sections

38-Sr-86



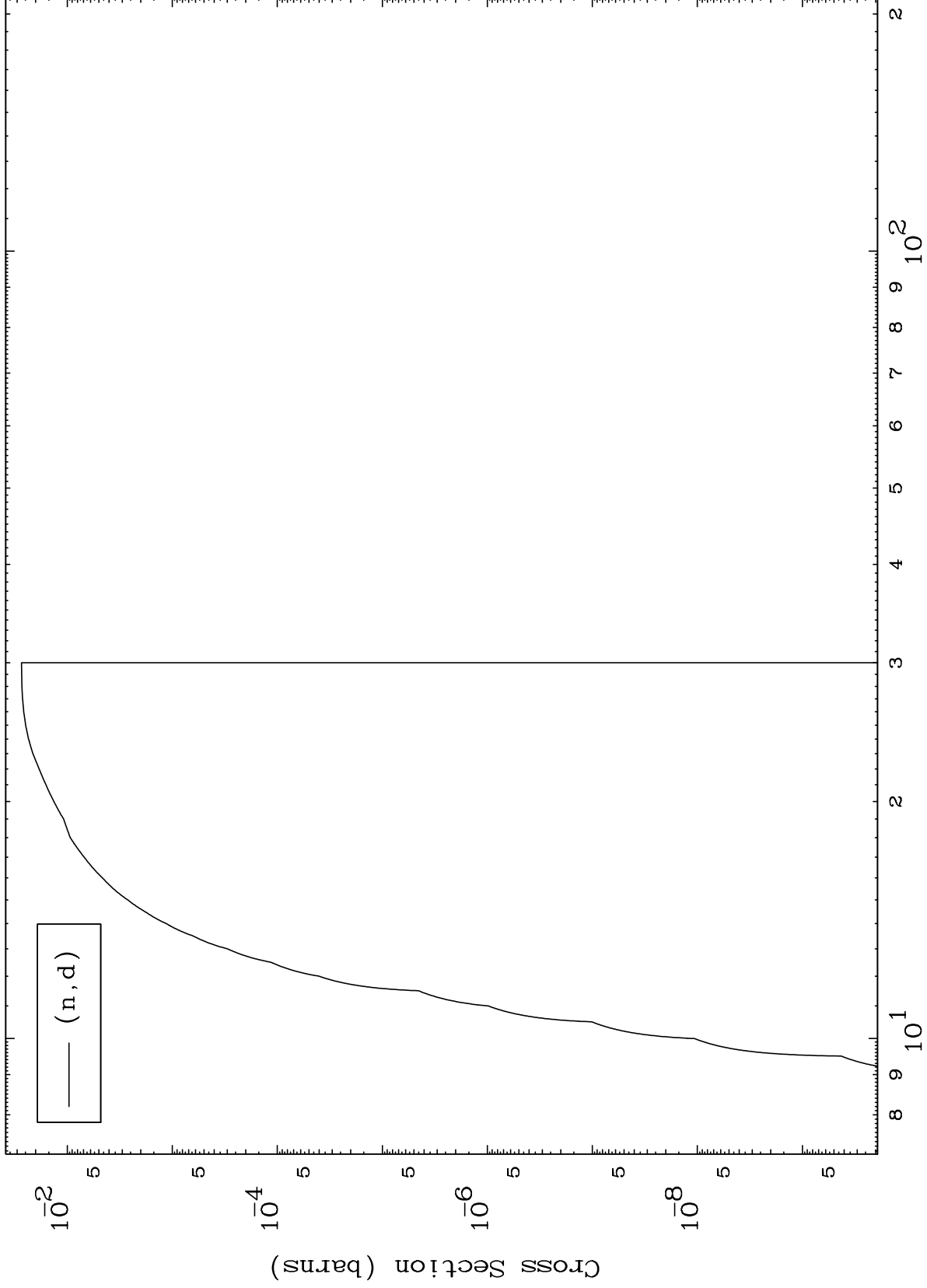
Incident Energy (MeV)

38-Sr-86

MAT 3831

(n,d) Levels
293 Kelvin Cross Sections

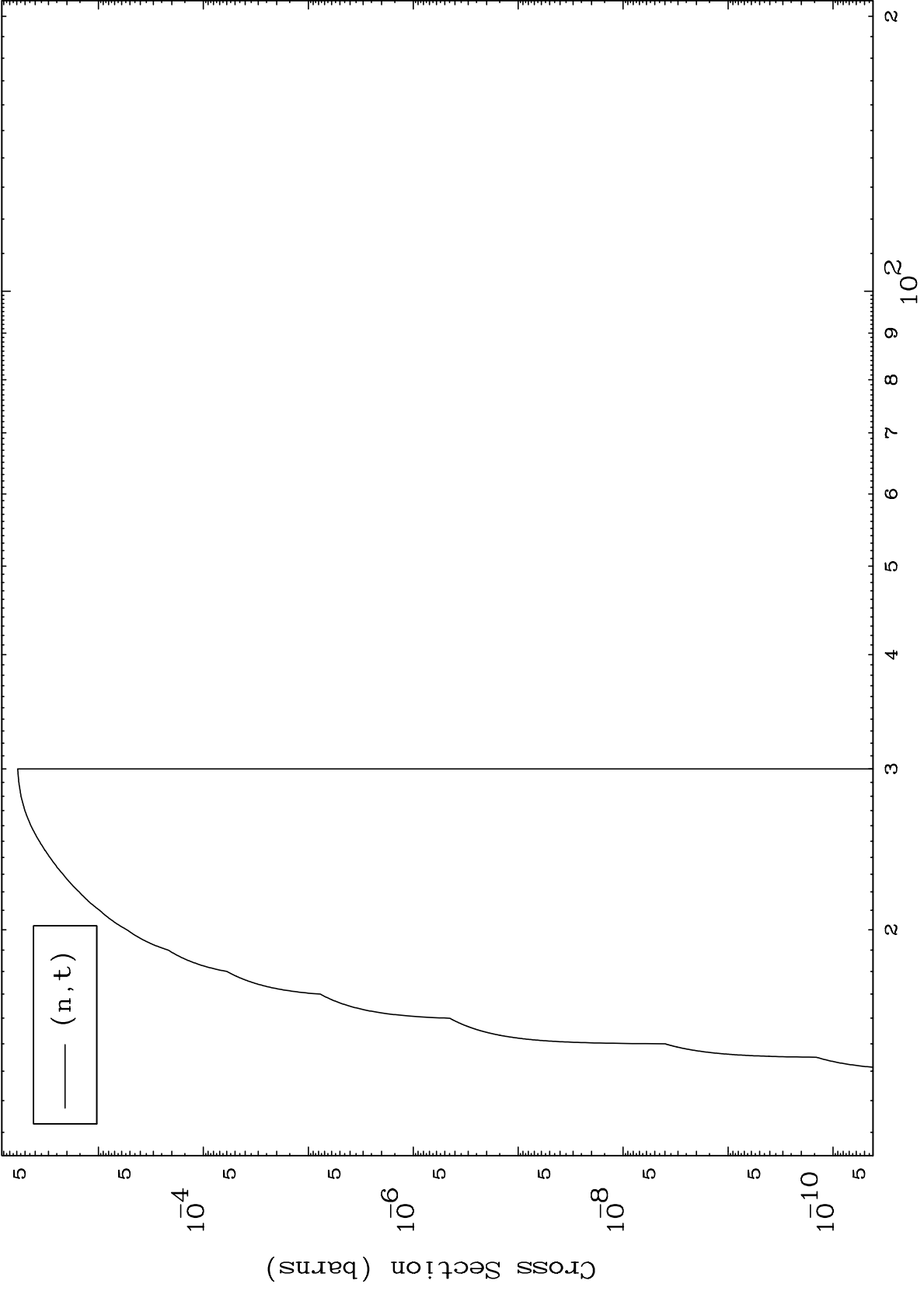
38-Sr-86



38-Sr-86

Incident Energy (MeV)

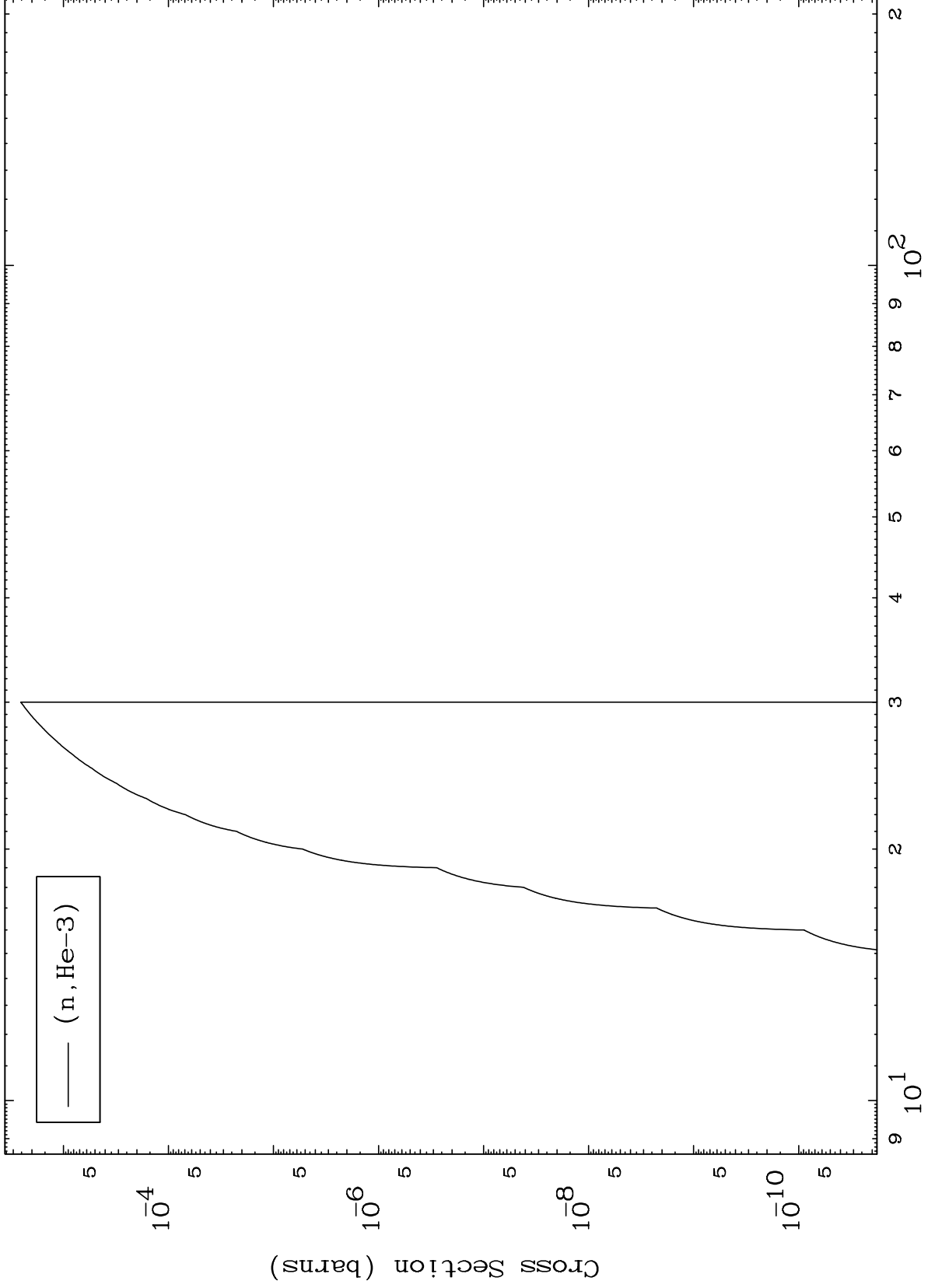
10



MAT 3831

(n,He3) Levels
293 Kelvin Cross Sections

38-Sr-86



12

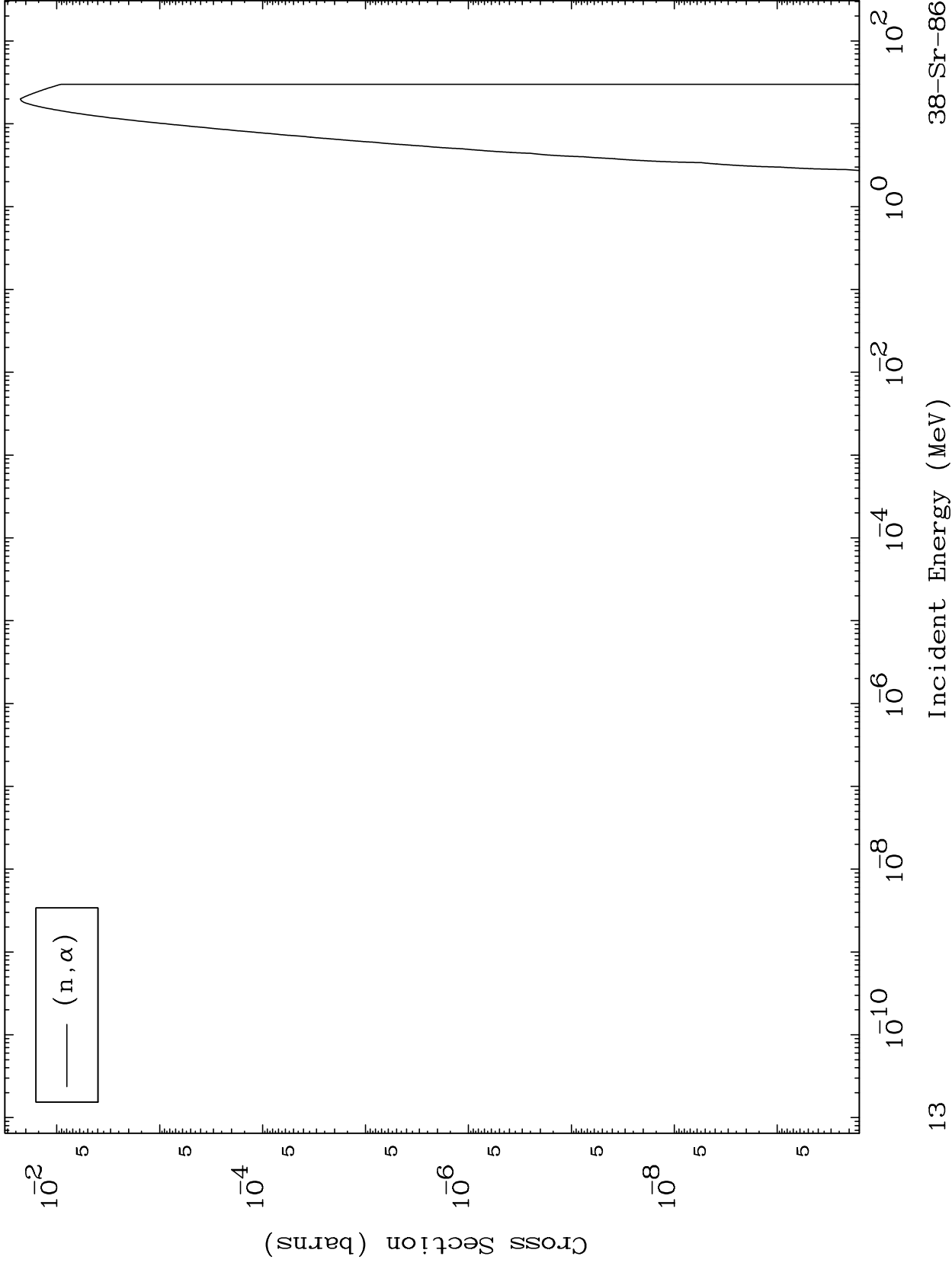
Incident Energy (MeV)

38-Sr-86

MAT 3831

(n, α) Levels
293 Kelvin Cross Sections

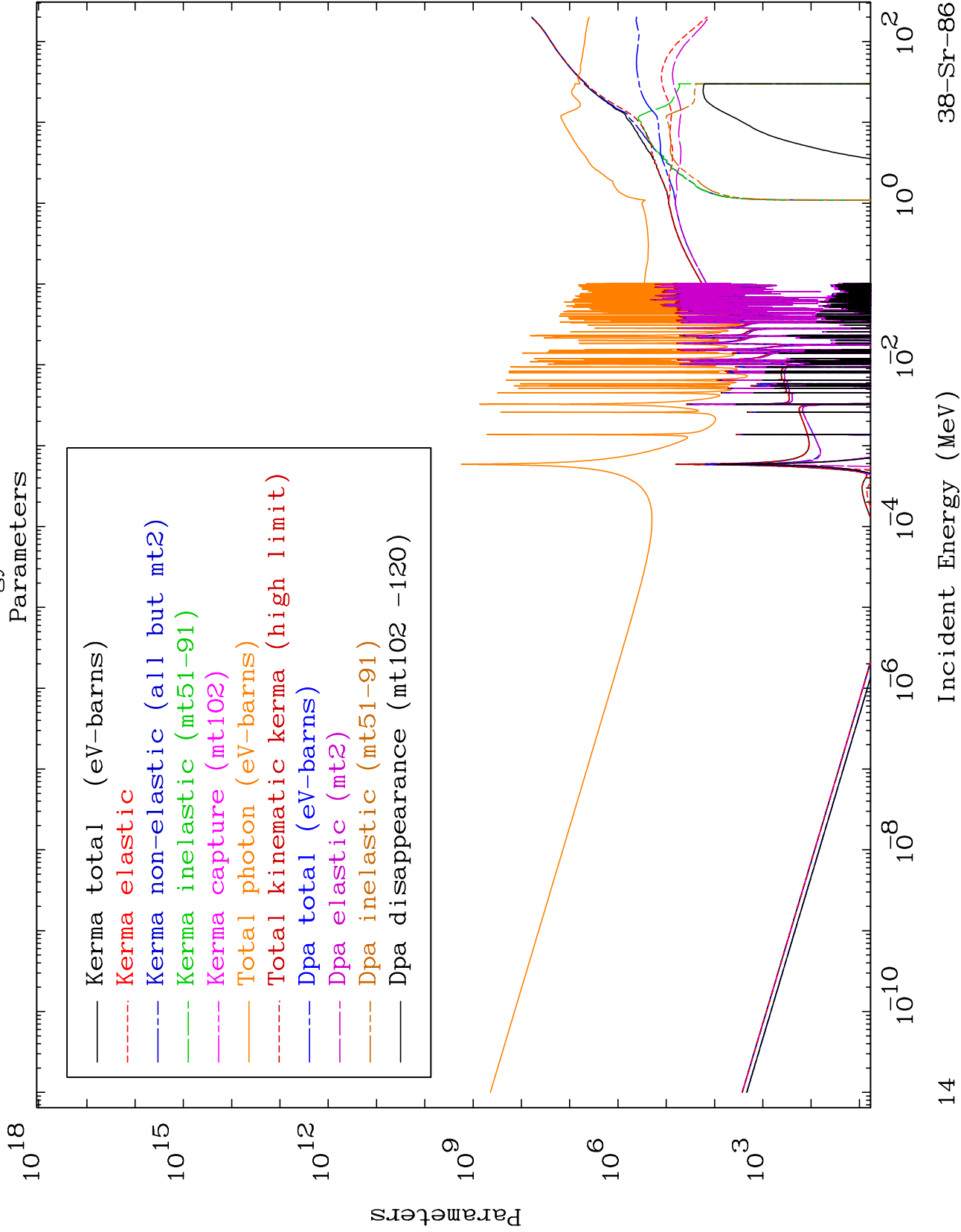
38-Sr-86



13

Incident Energy (MeV)

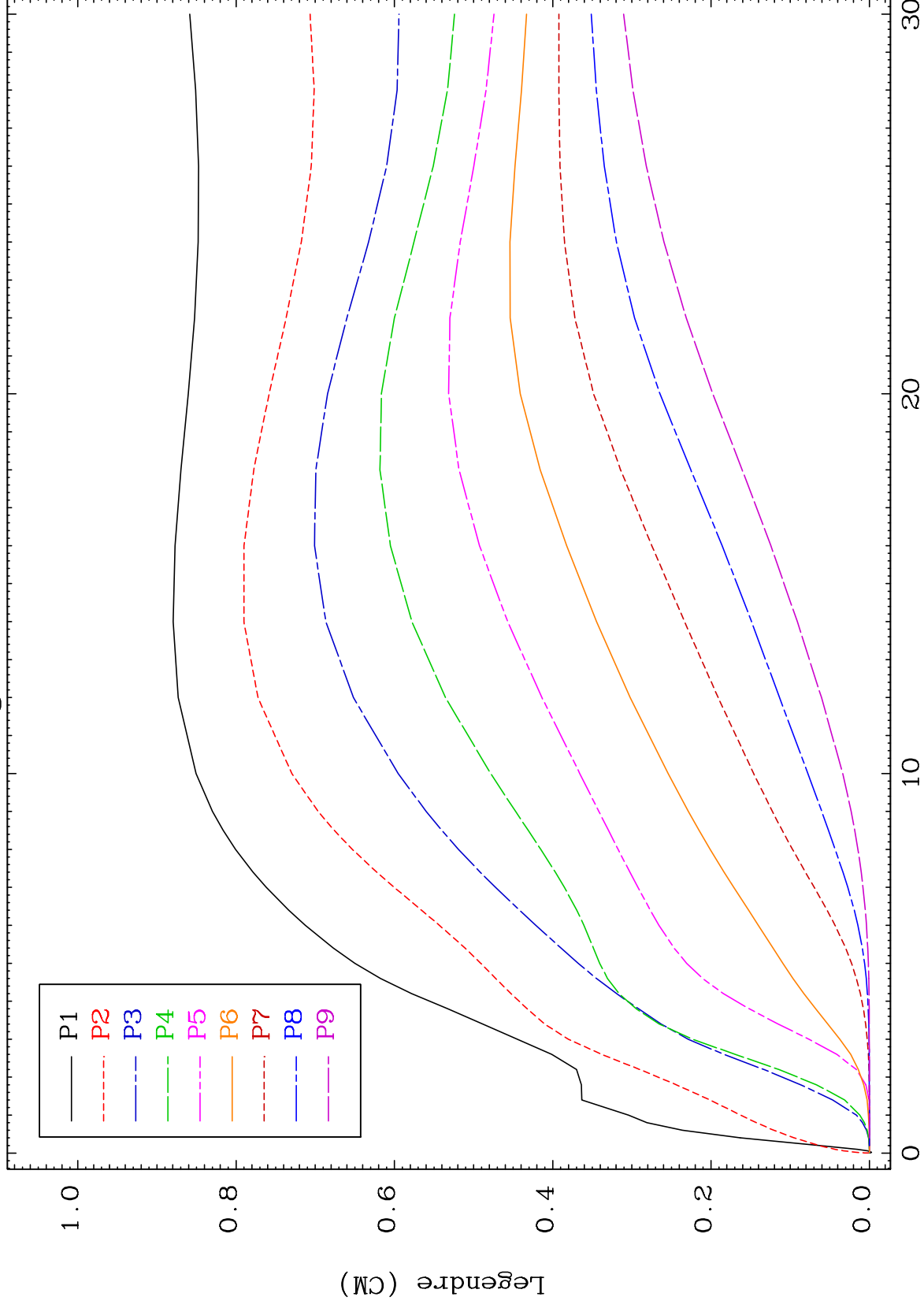
38-Sr-86



MAT 3831

Elastic Legendre Coefficients

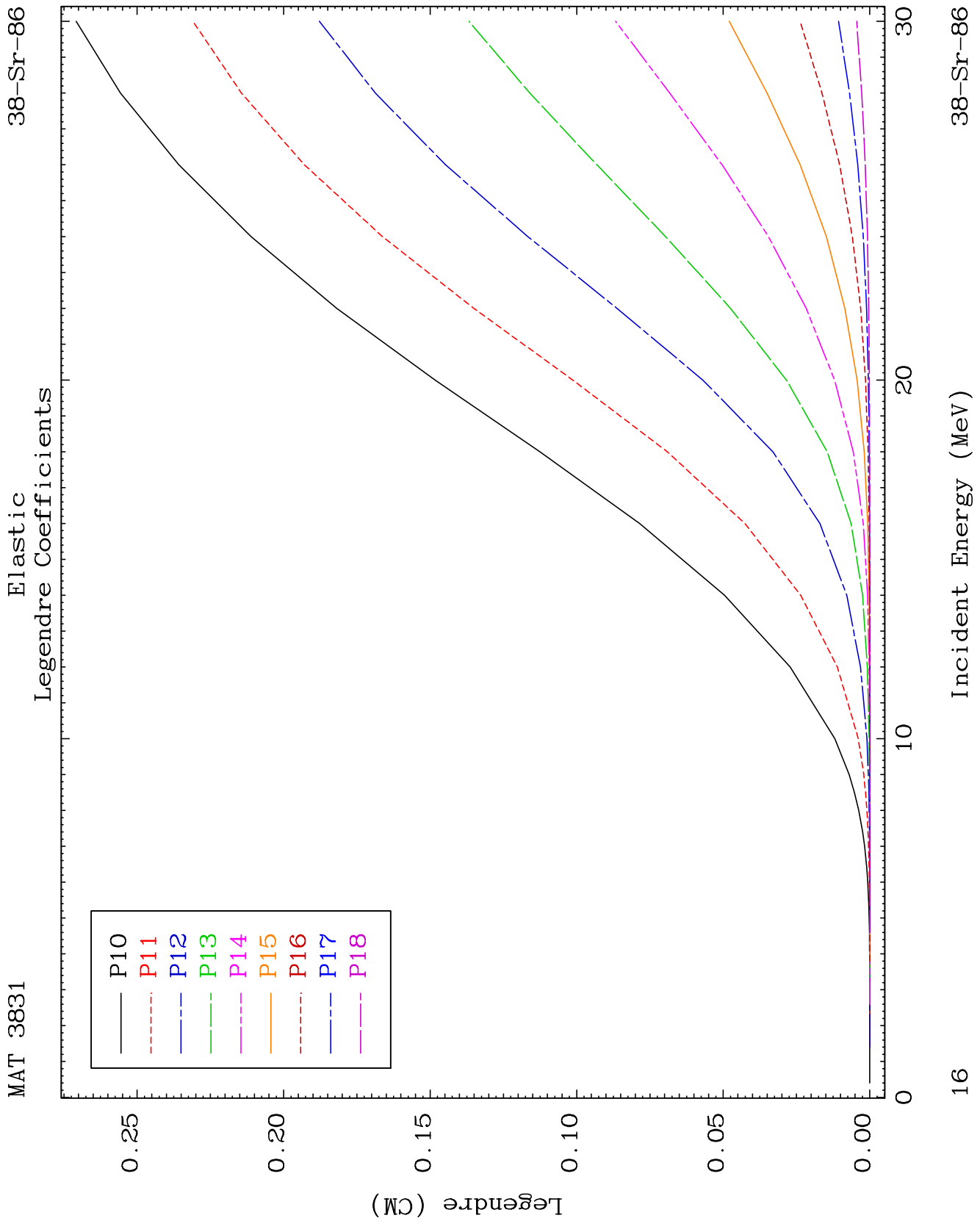
38-Sr-86



15

Incident Energy (MeV)

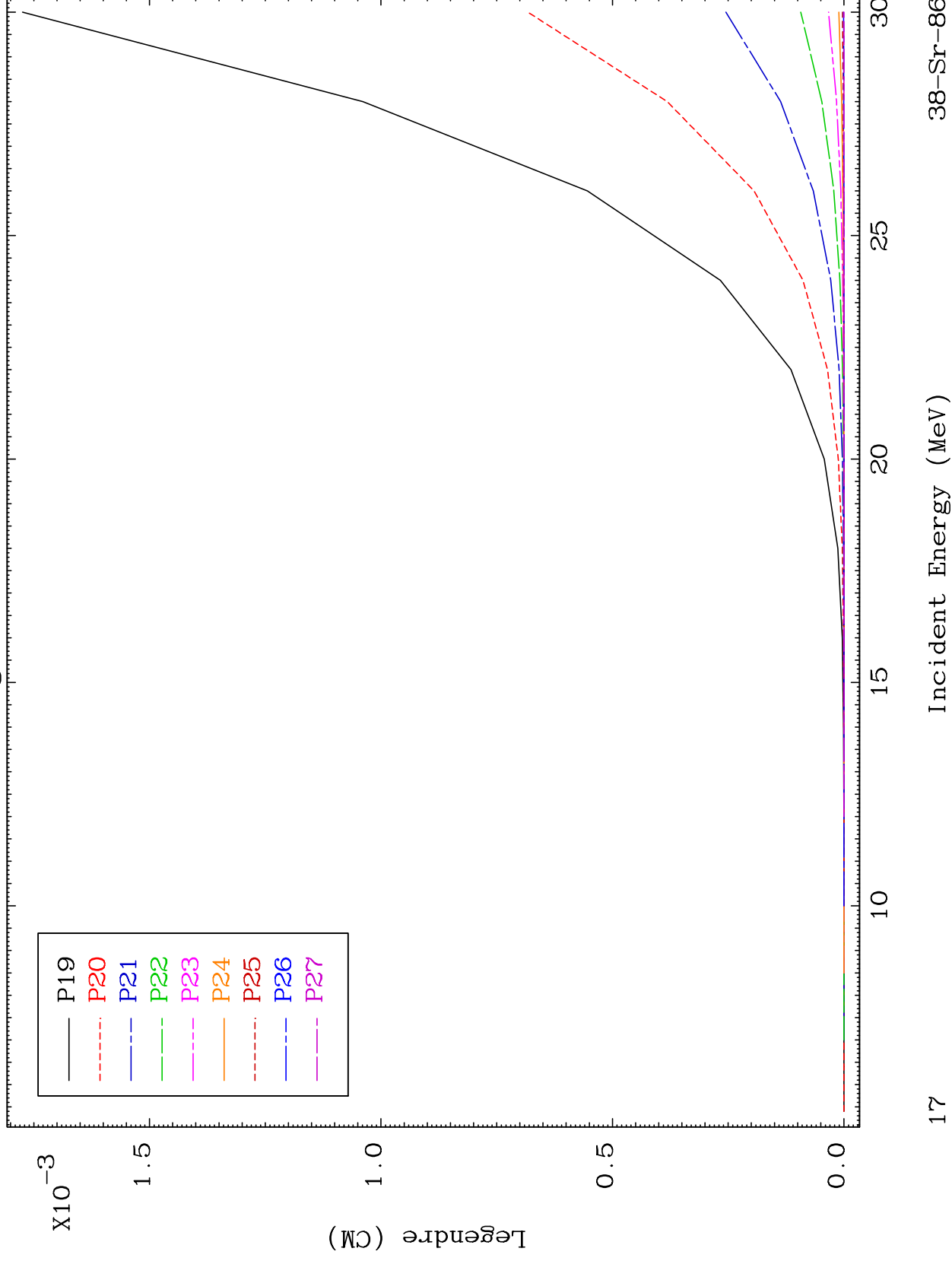
38-Sr-86



MAT 3831

Elastic Legendre Coefficients

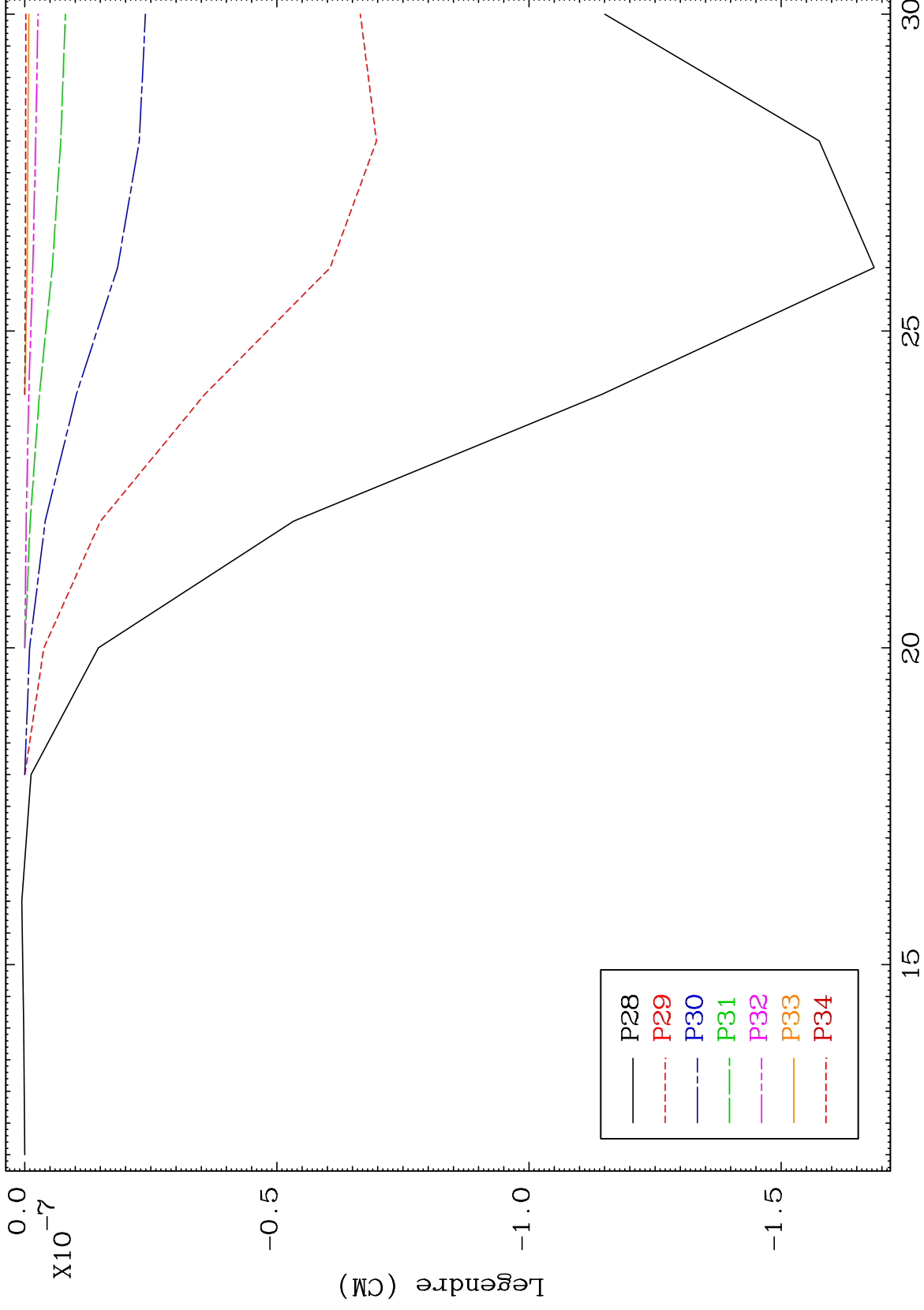
38-Sr-86



MAT 3831

38-Sr-86

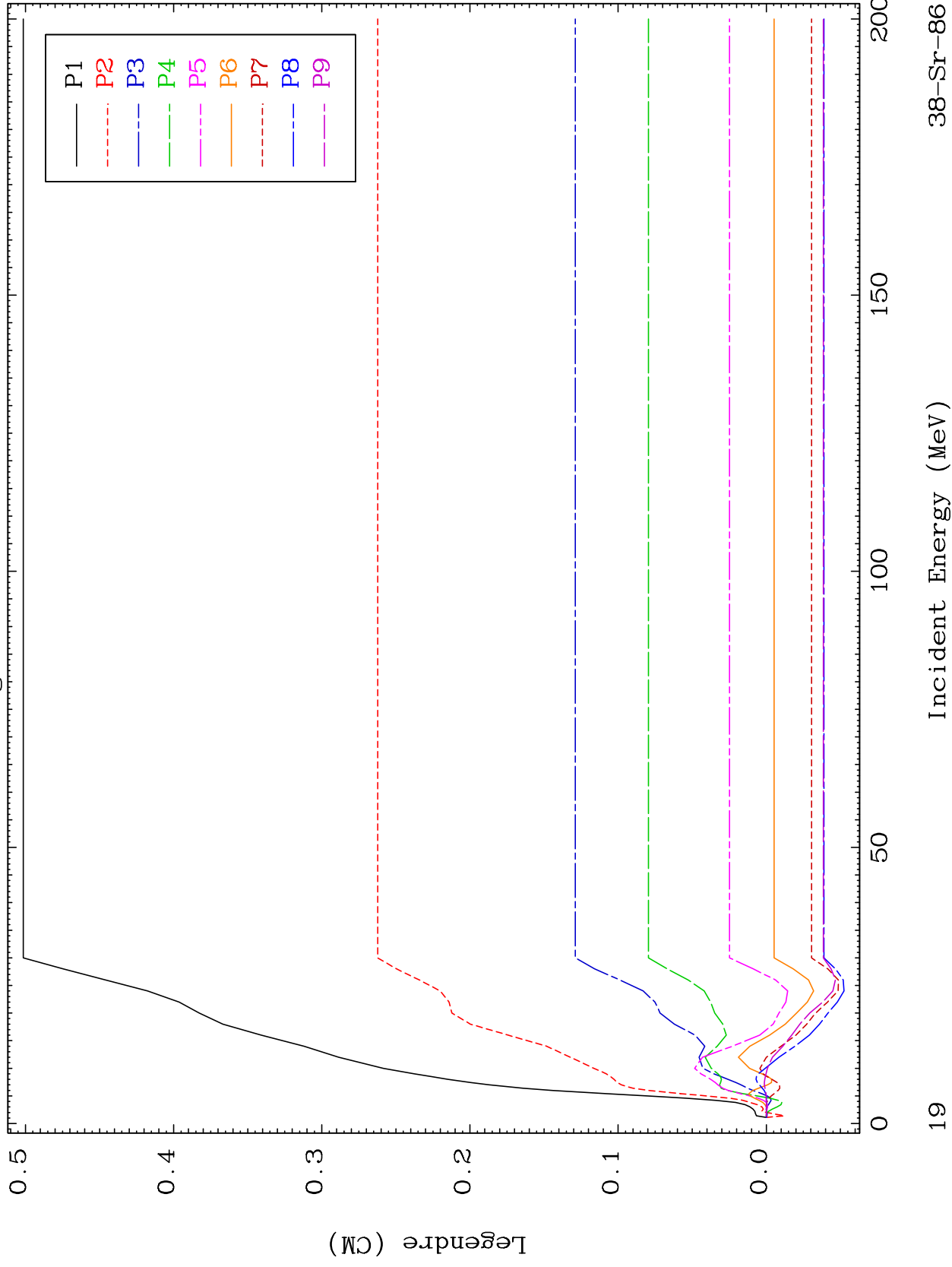
Elastic Legendre Coefficients



18

Incident Energy (MeV)

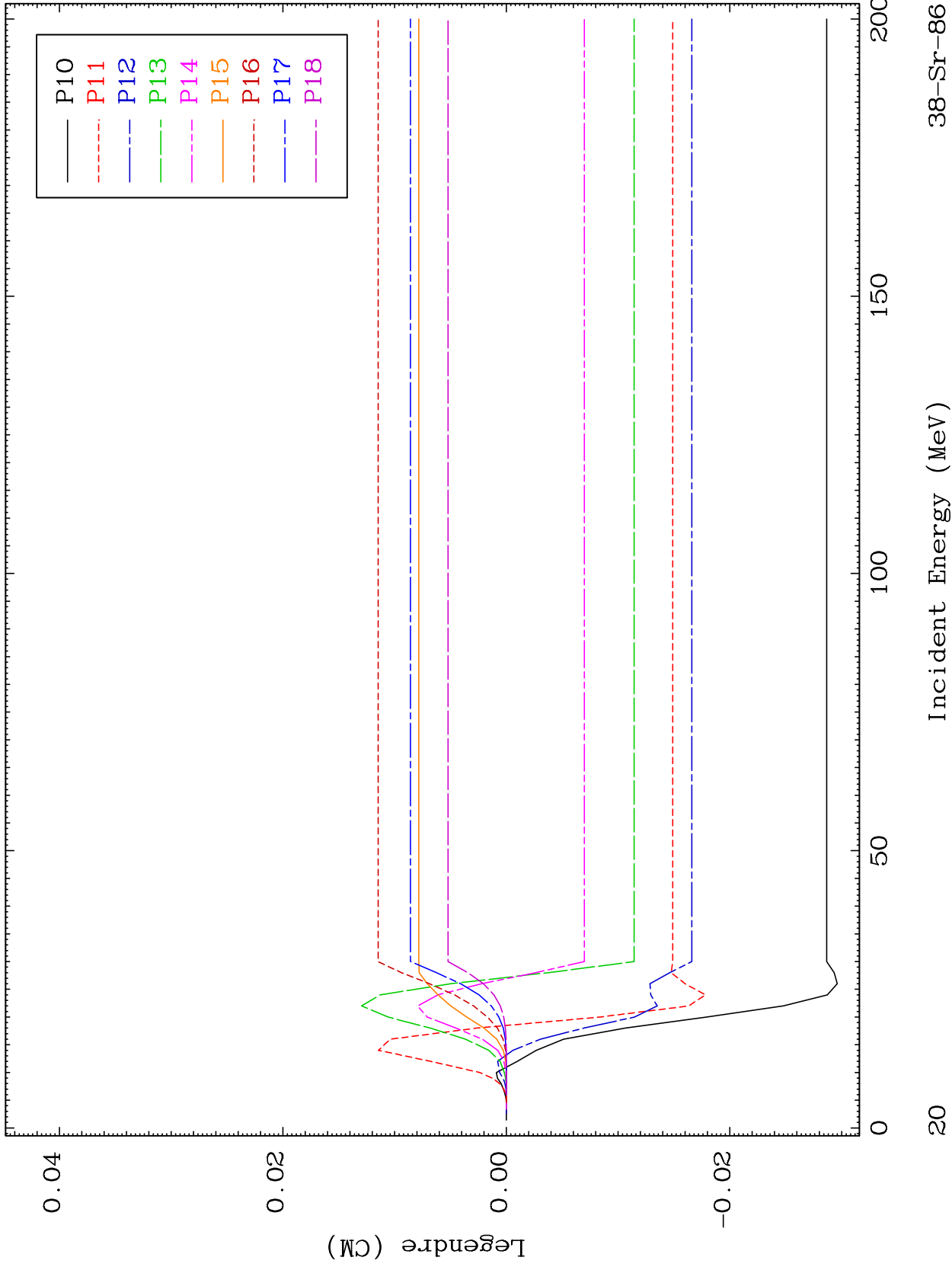
38-Sr-86



MAT 3831

1.077 MeV (n,n') Level
Legendre Coefficients

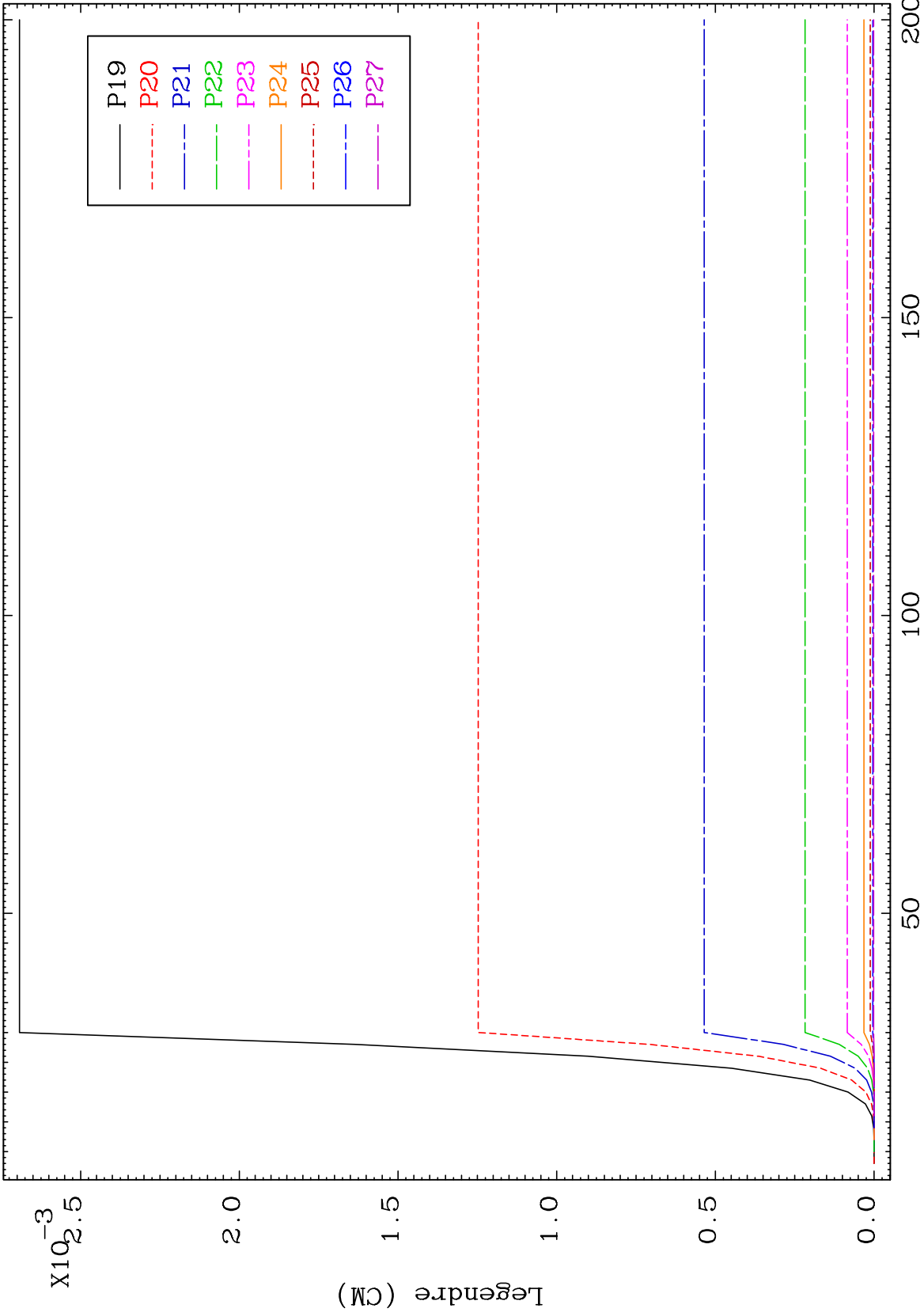
38-Sr-86

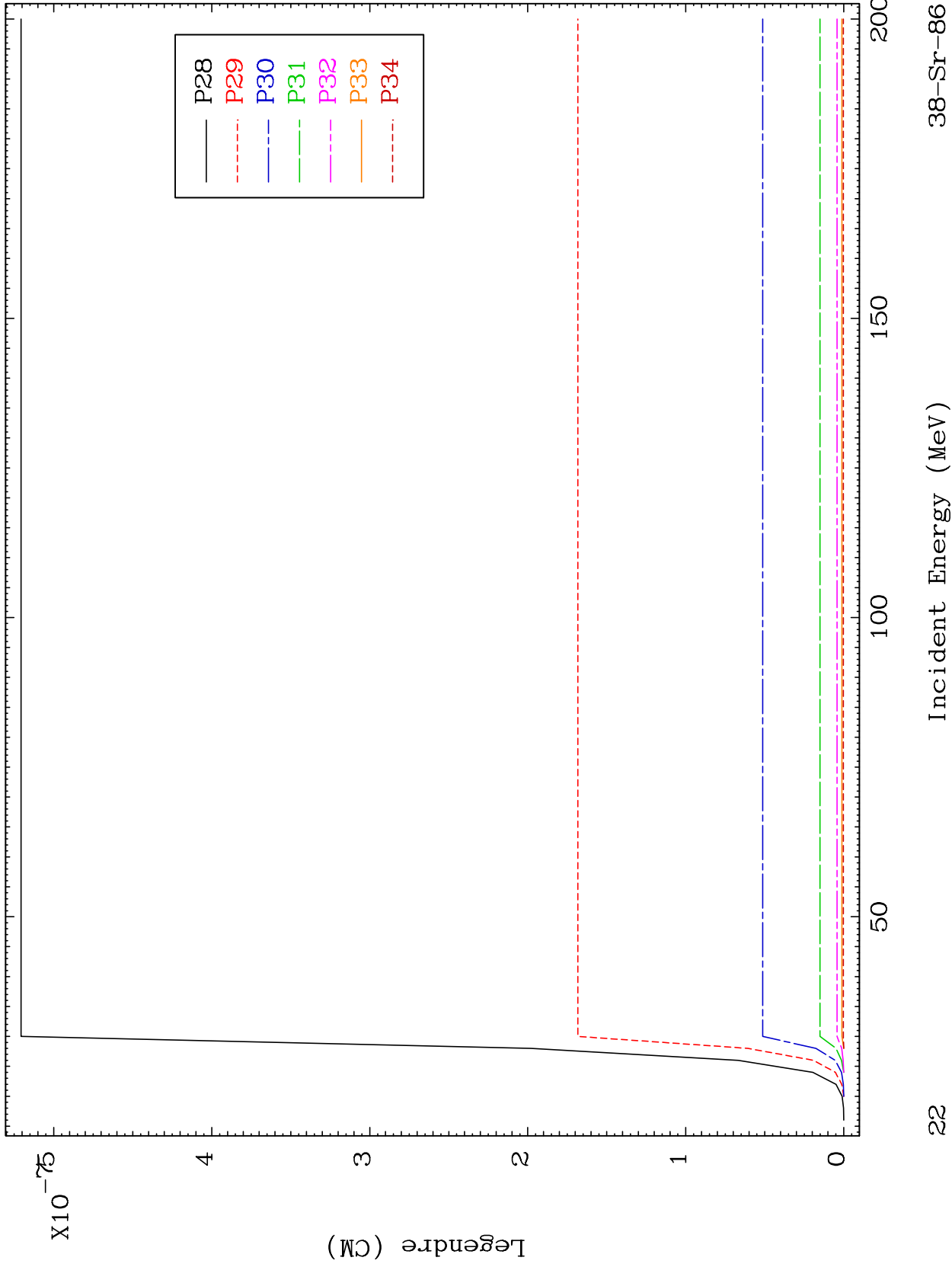


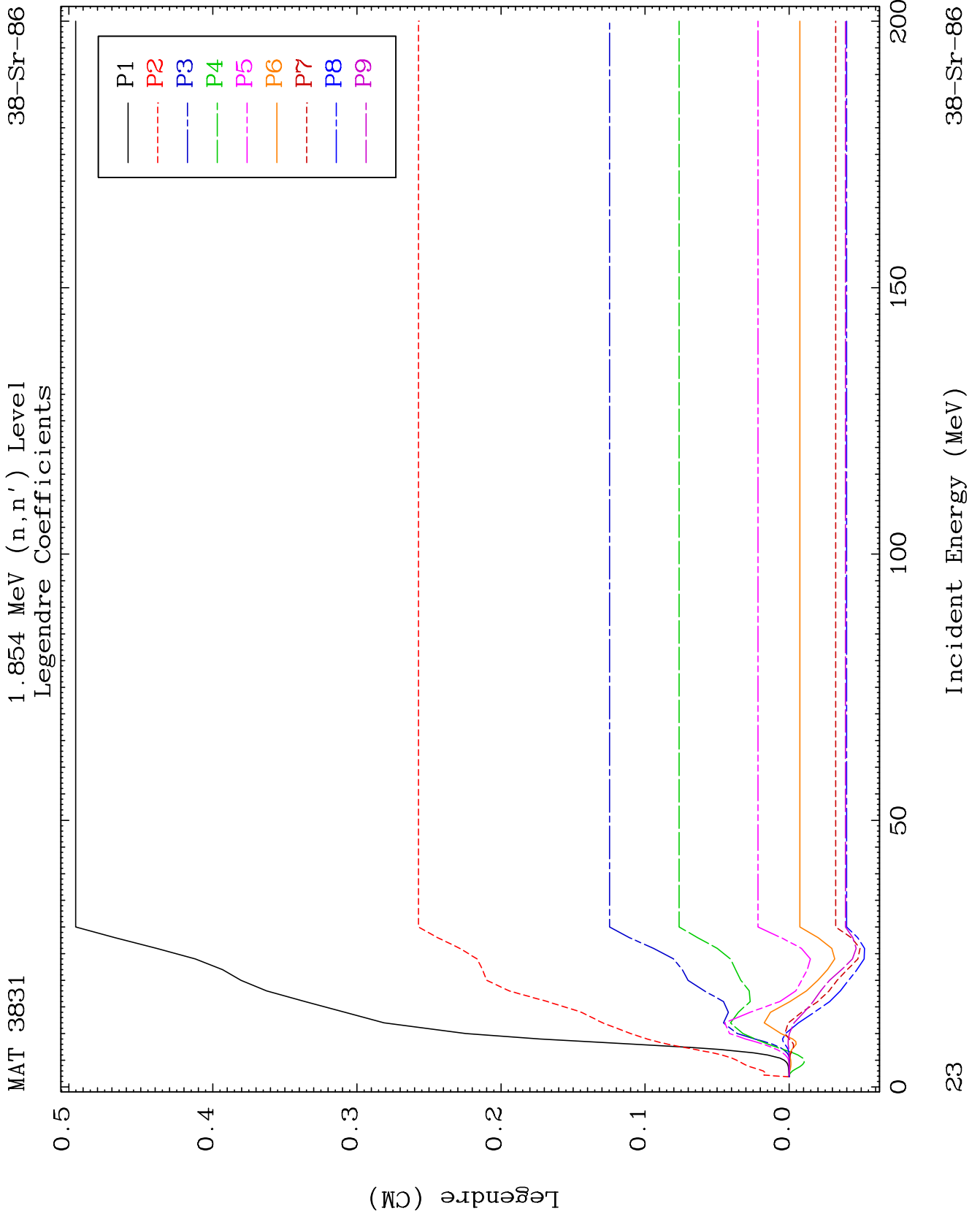
38-Sr-86

Incident Energy (MeV)

20



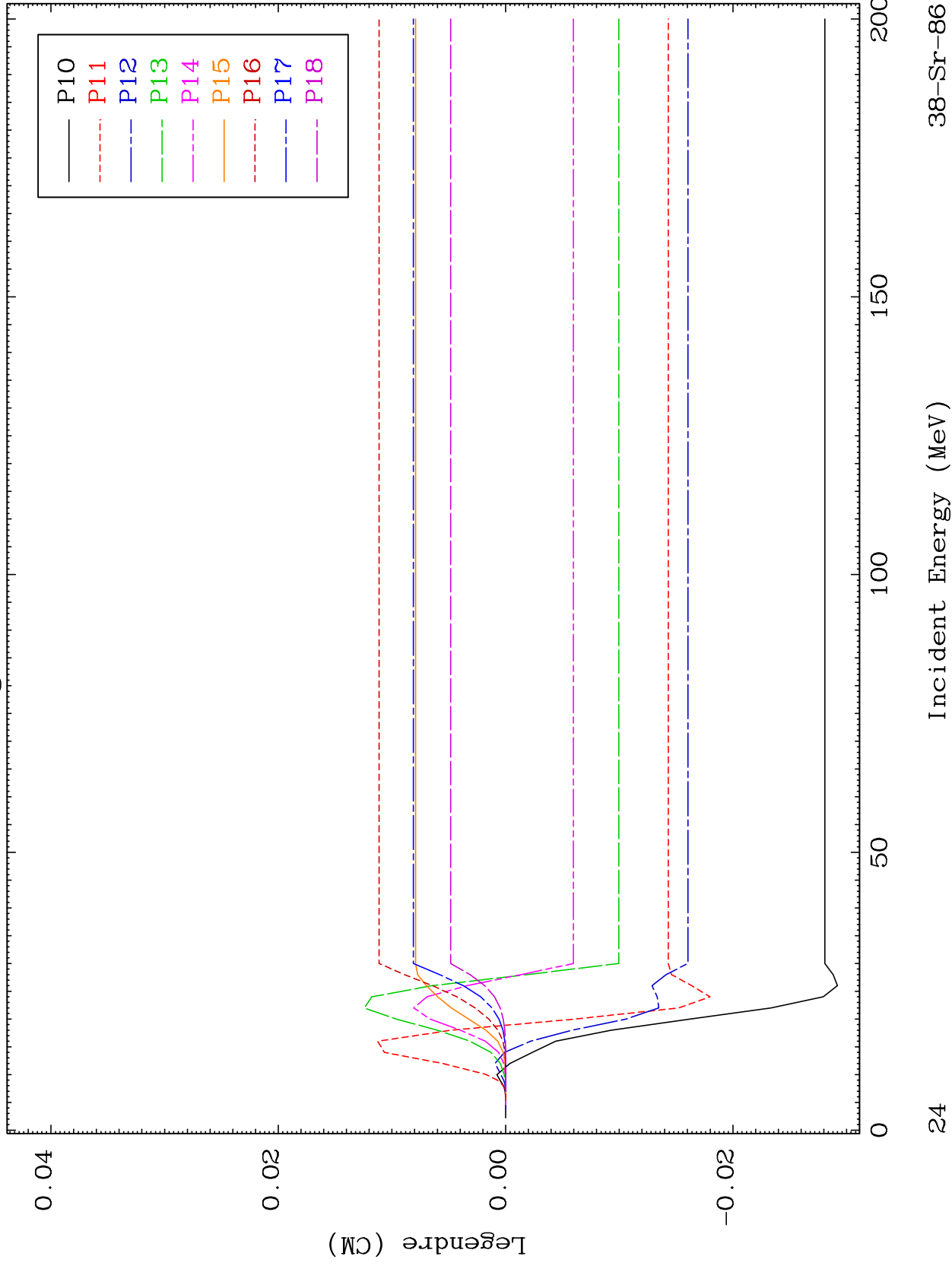




MAT 3831

1.854 MeV (n,n') Level
Legendre Coefficients

38-Sr-86



24

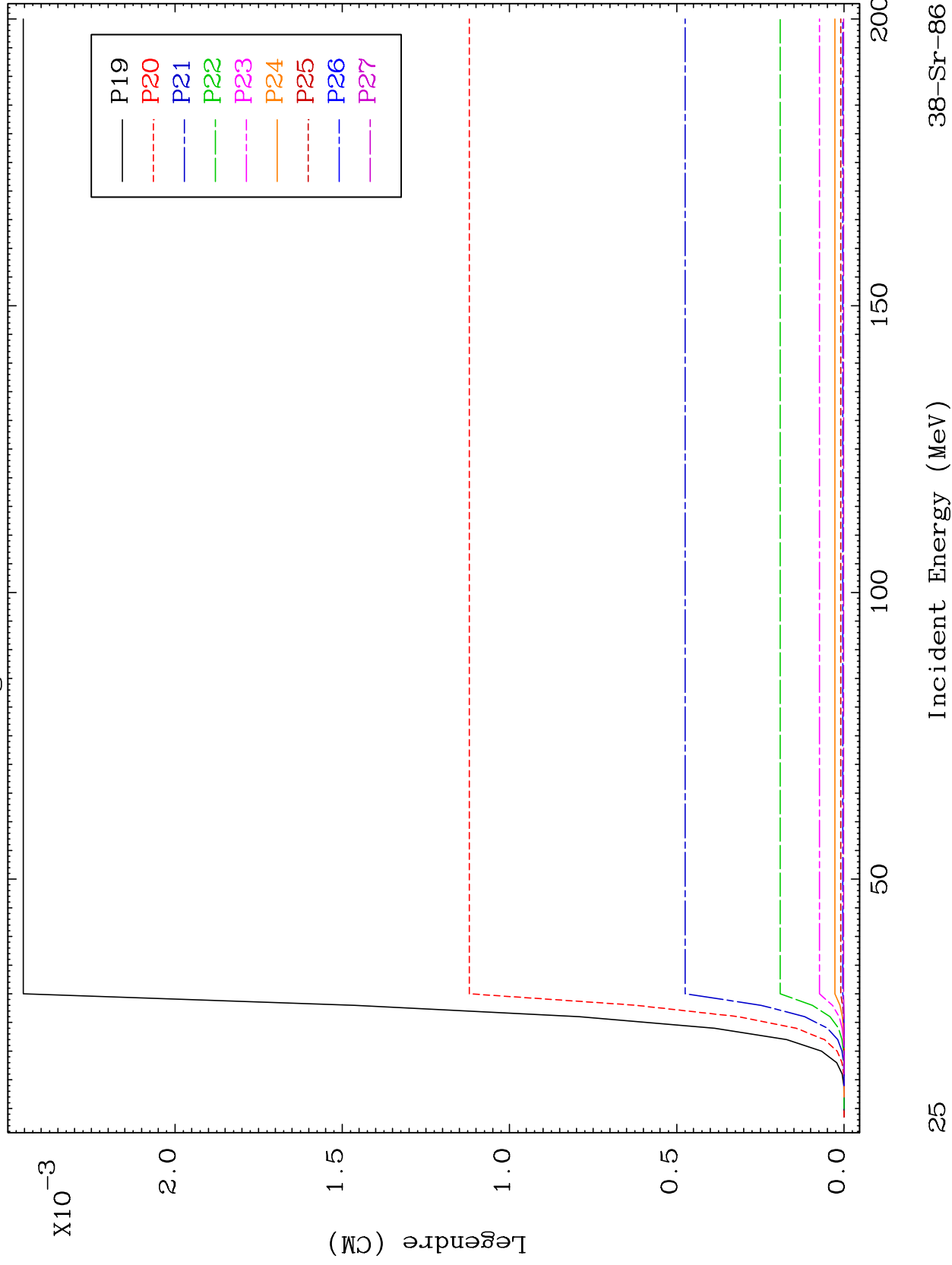
Incident Energy (MeV)

38-Sr-86

MAT 3831

1.854 MeV (n,n') Level
Legendre Coefficients

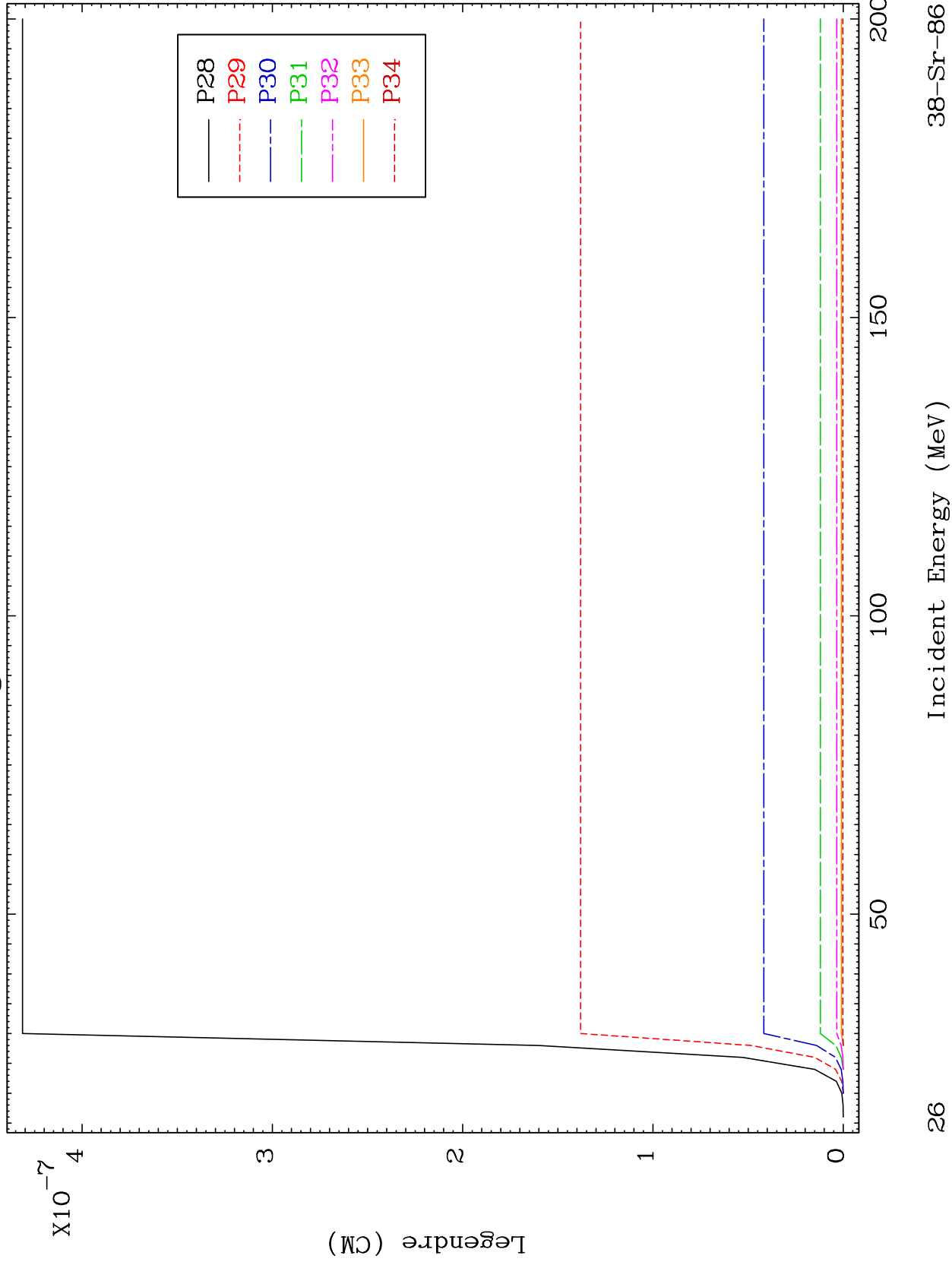
38-Sr-86



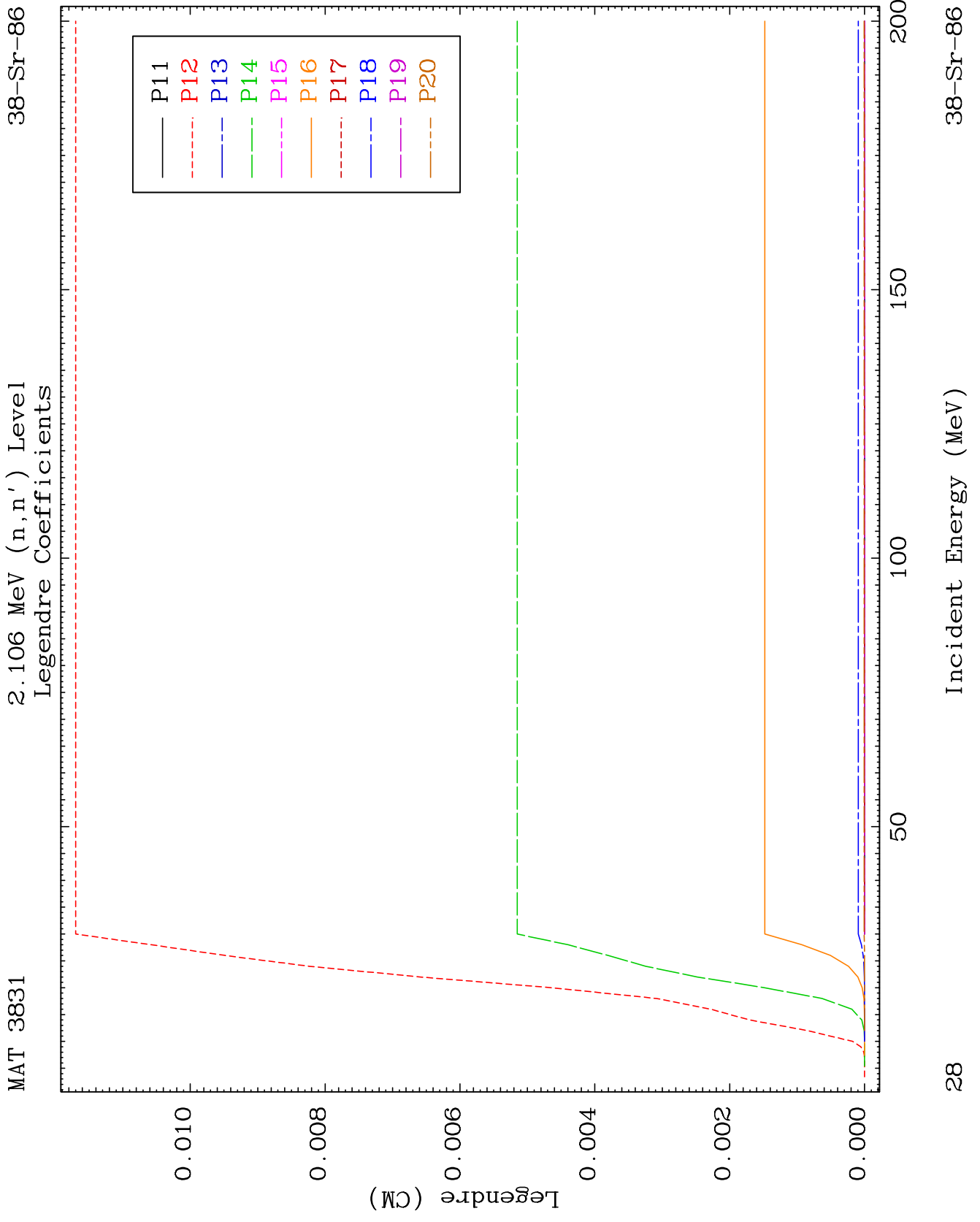
MAT 3831

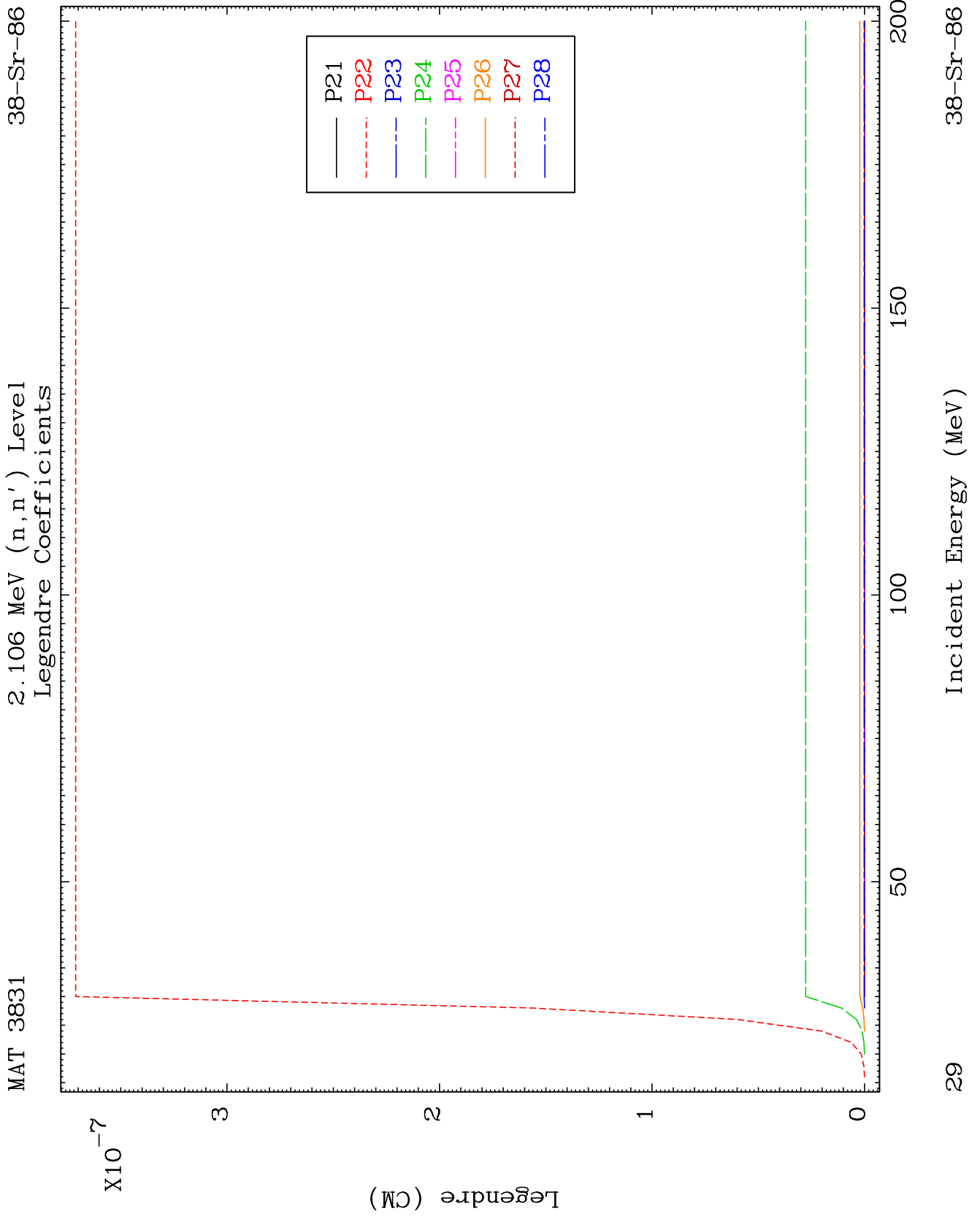
1.854 MeV (n,n') Level
Legendre Coefficients

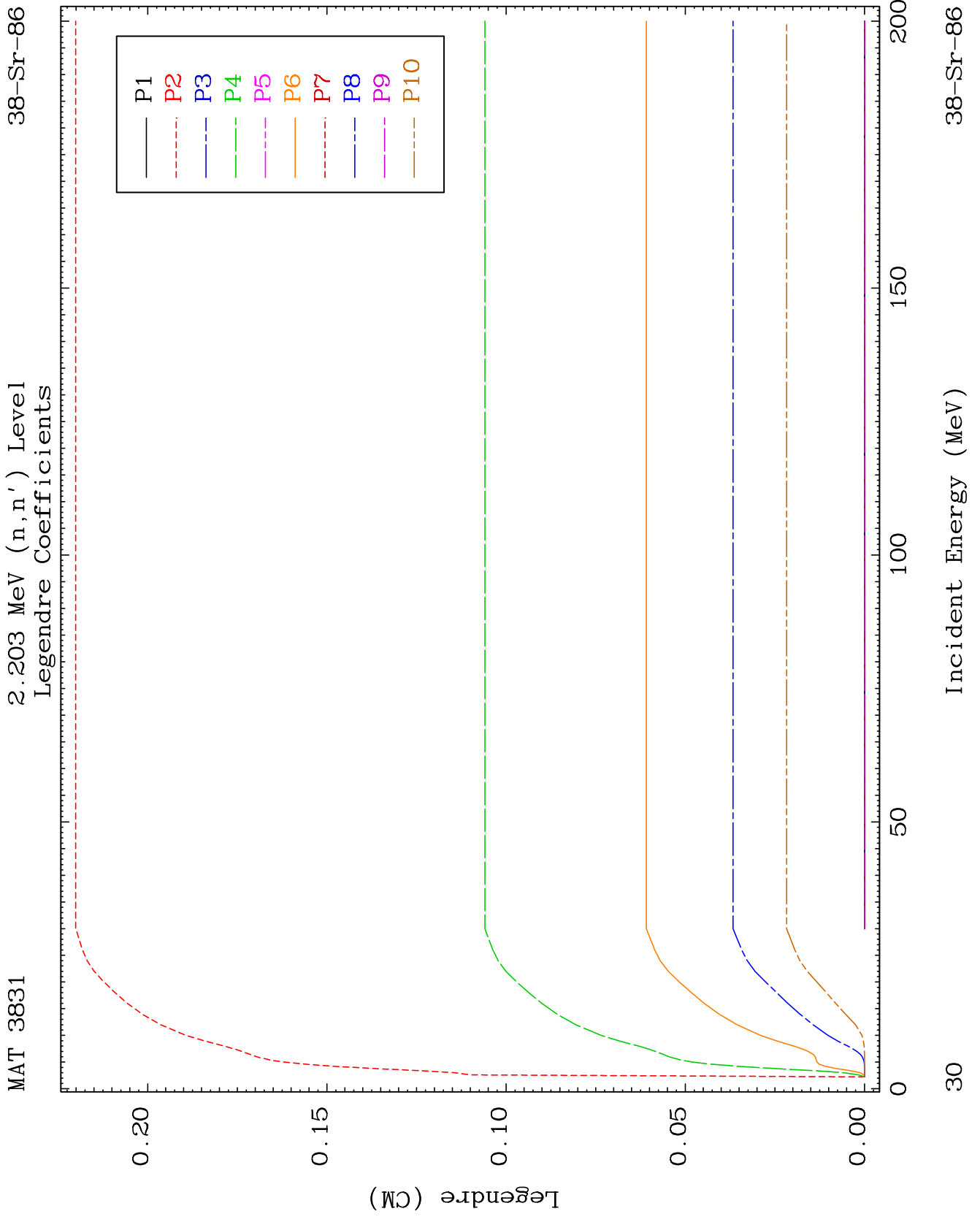
38-Sr-86

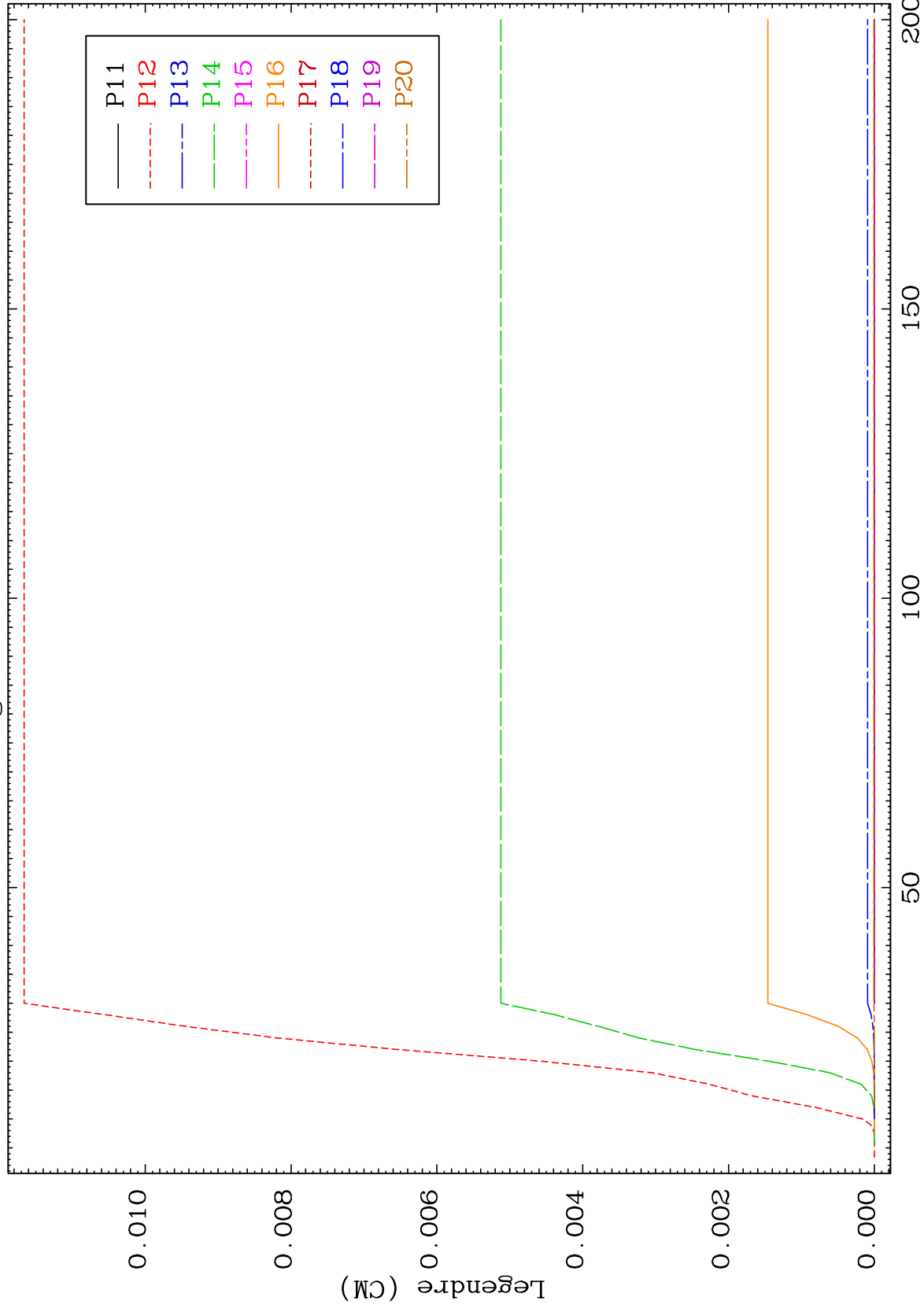


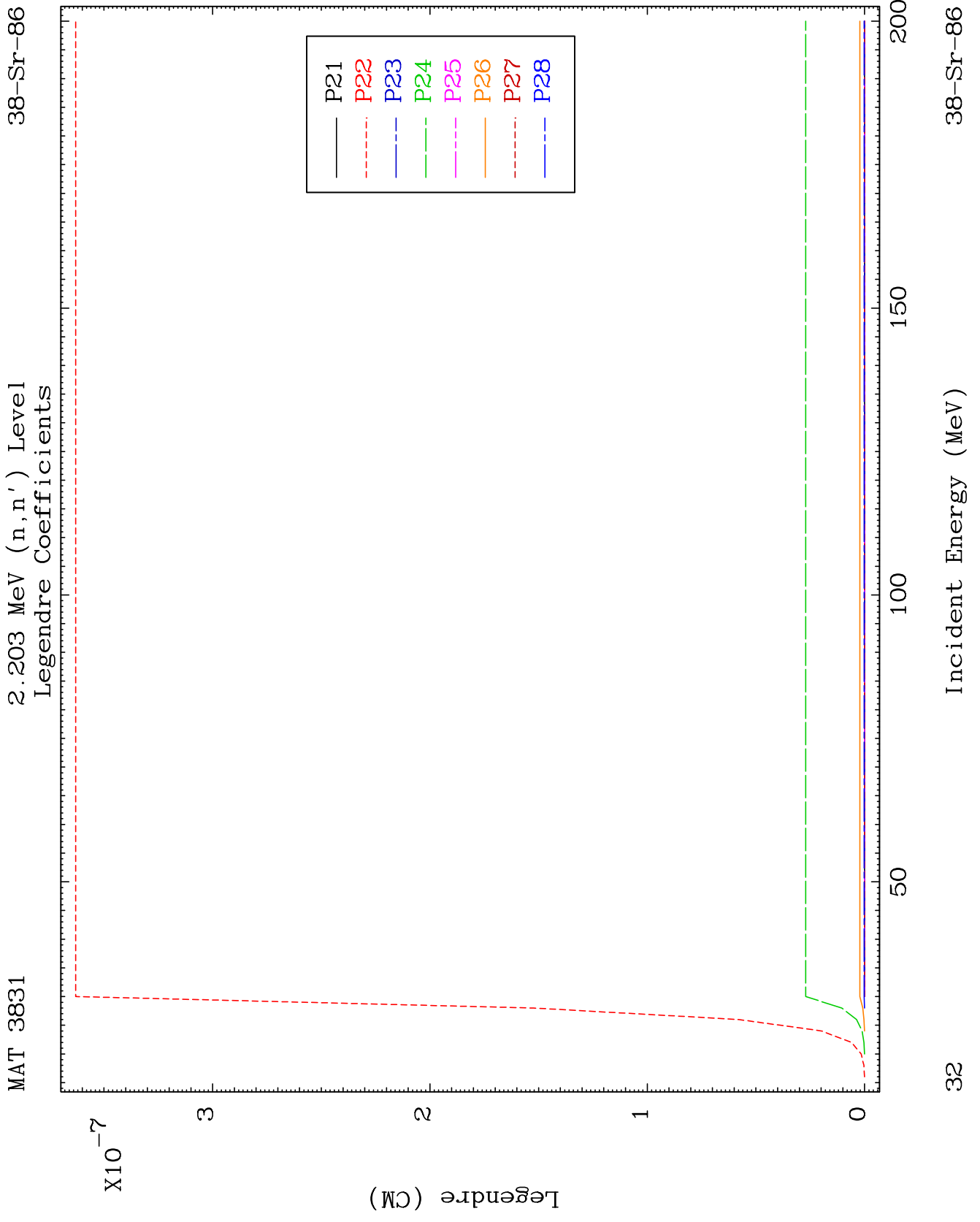
26







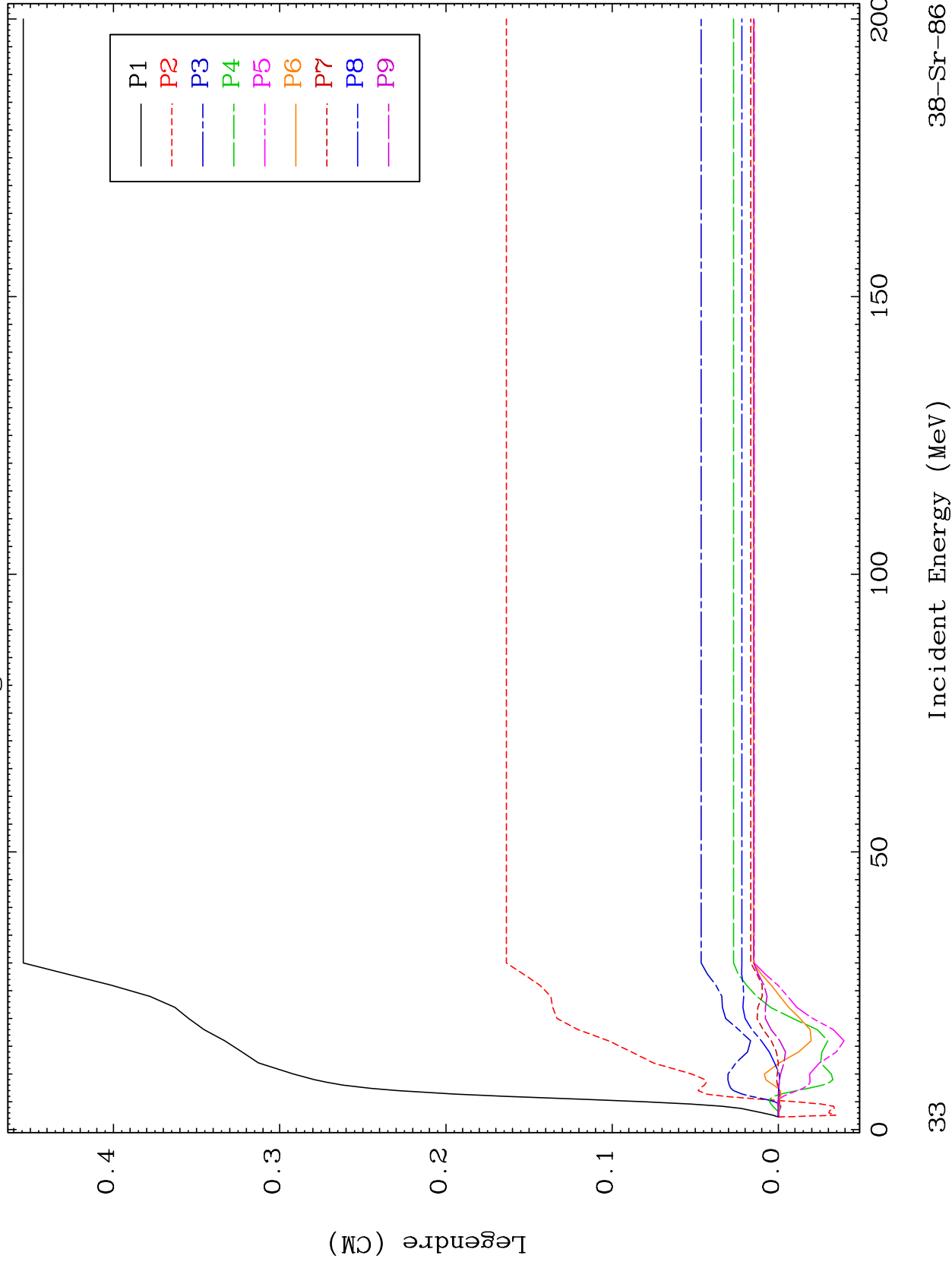




MAT 3831

2.230 MeV (n,n') Level
Legendre Coefficients

38-Sr-86

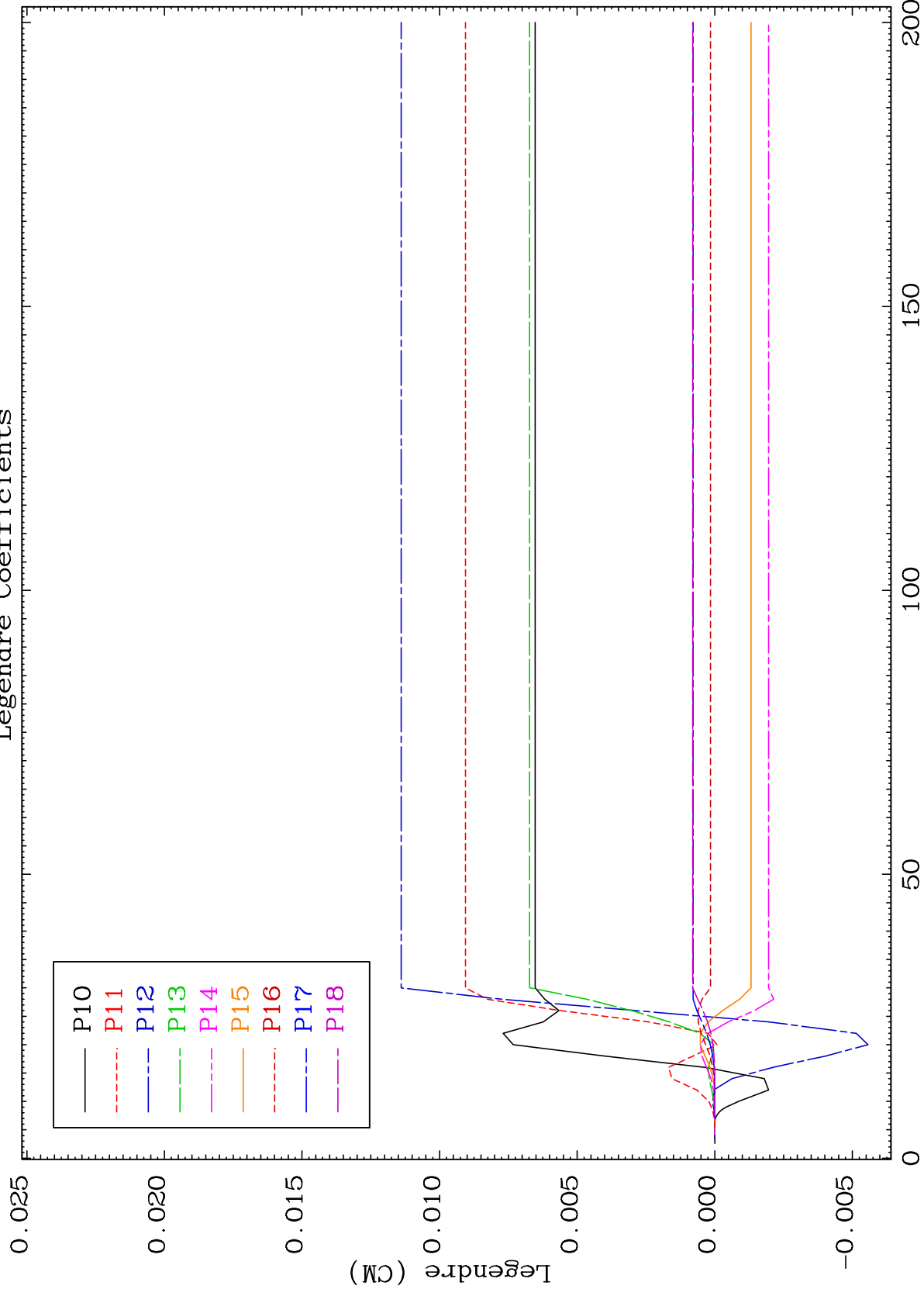


33

MAT 3831

2.230 MeV (n,n') Level
Legendre Coefficients

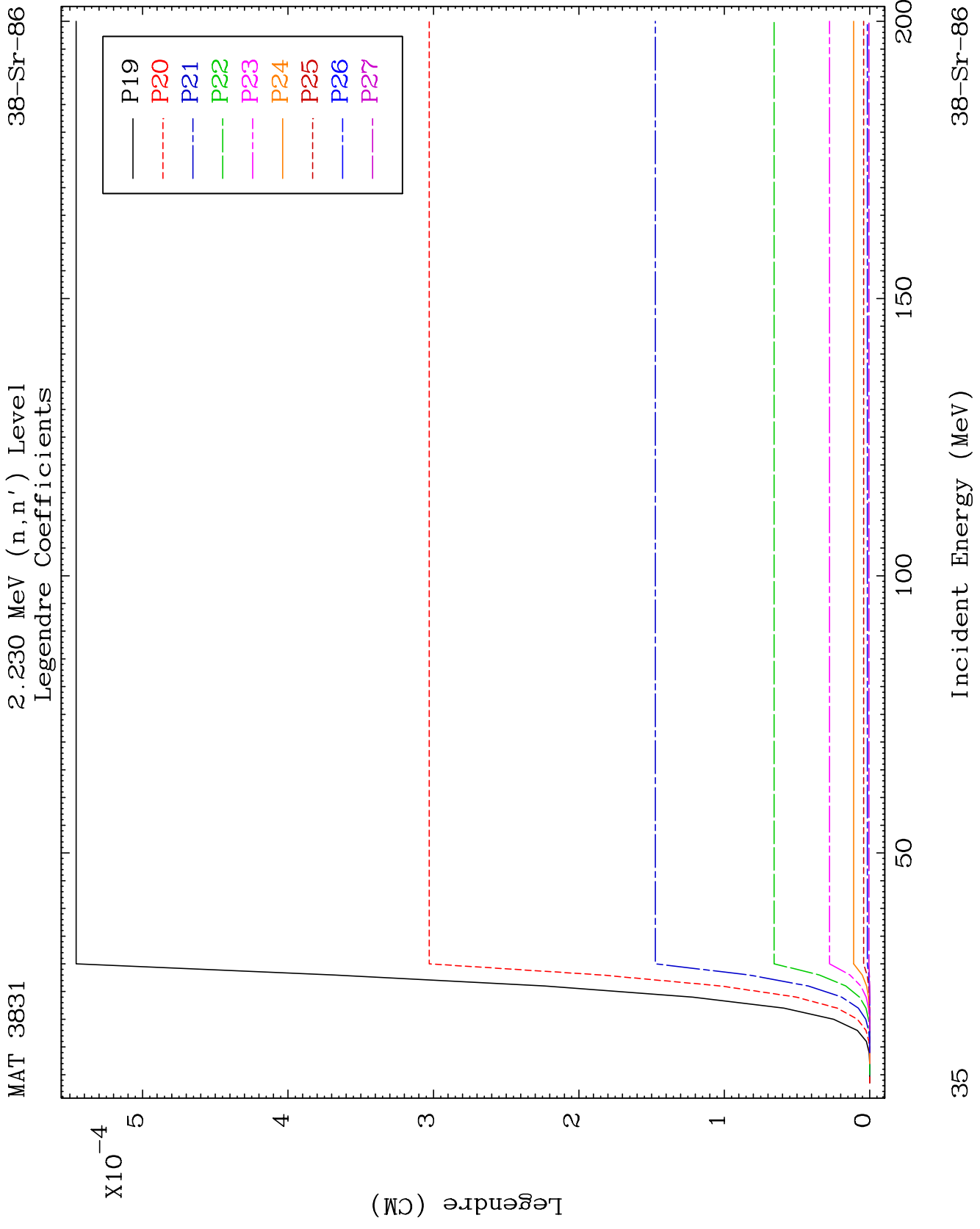
38-Sr-86

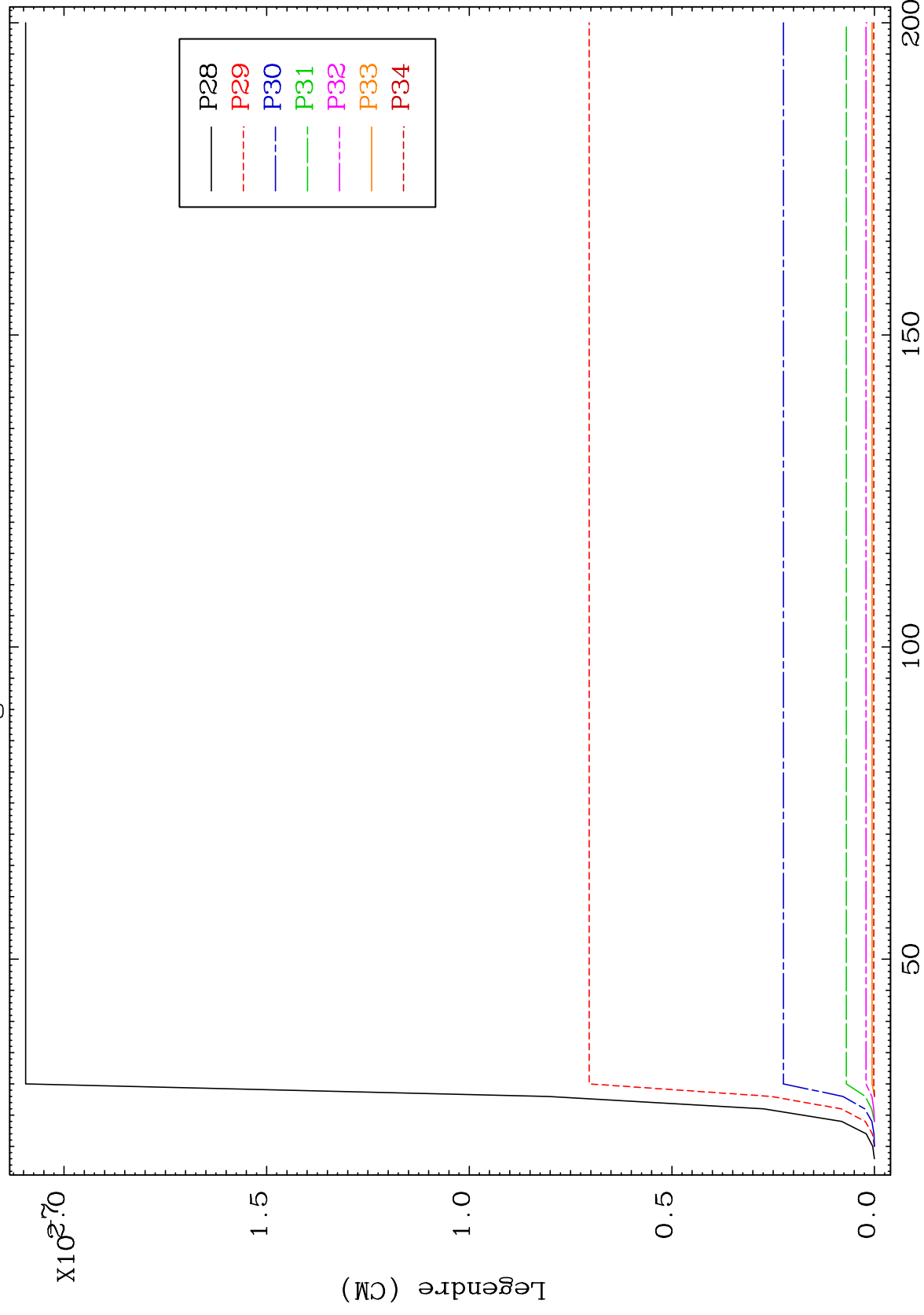


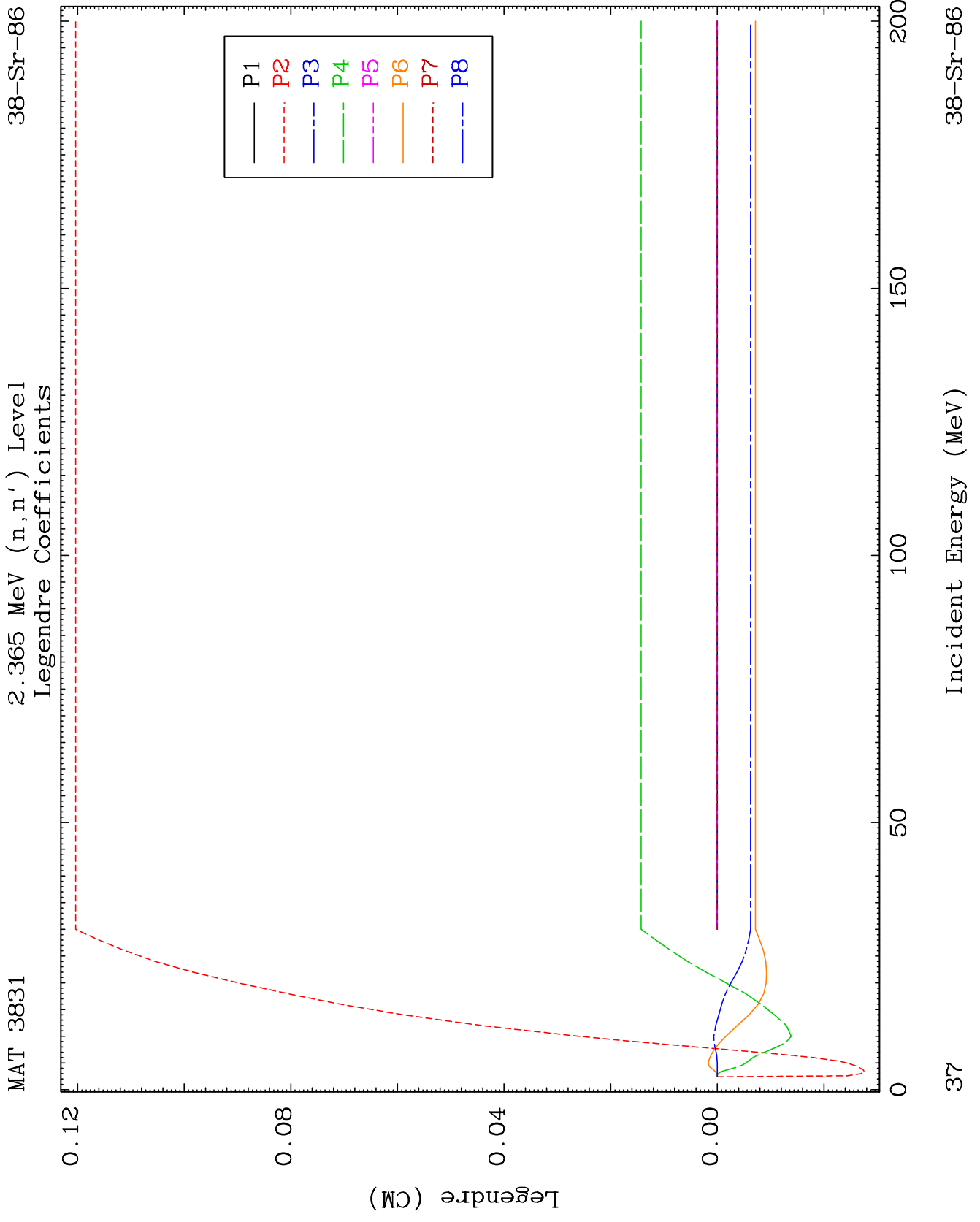
34

Incident Energy (MeV)

38-Sr-86



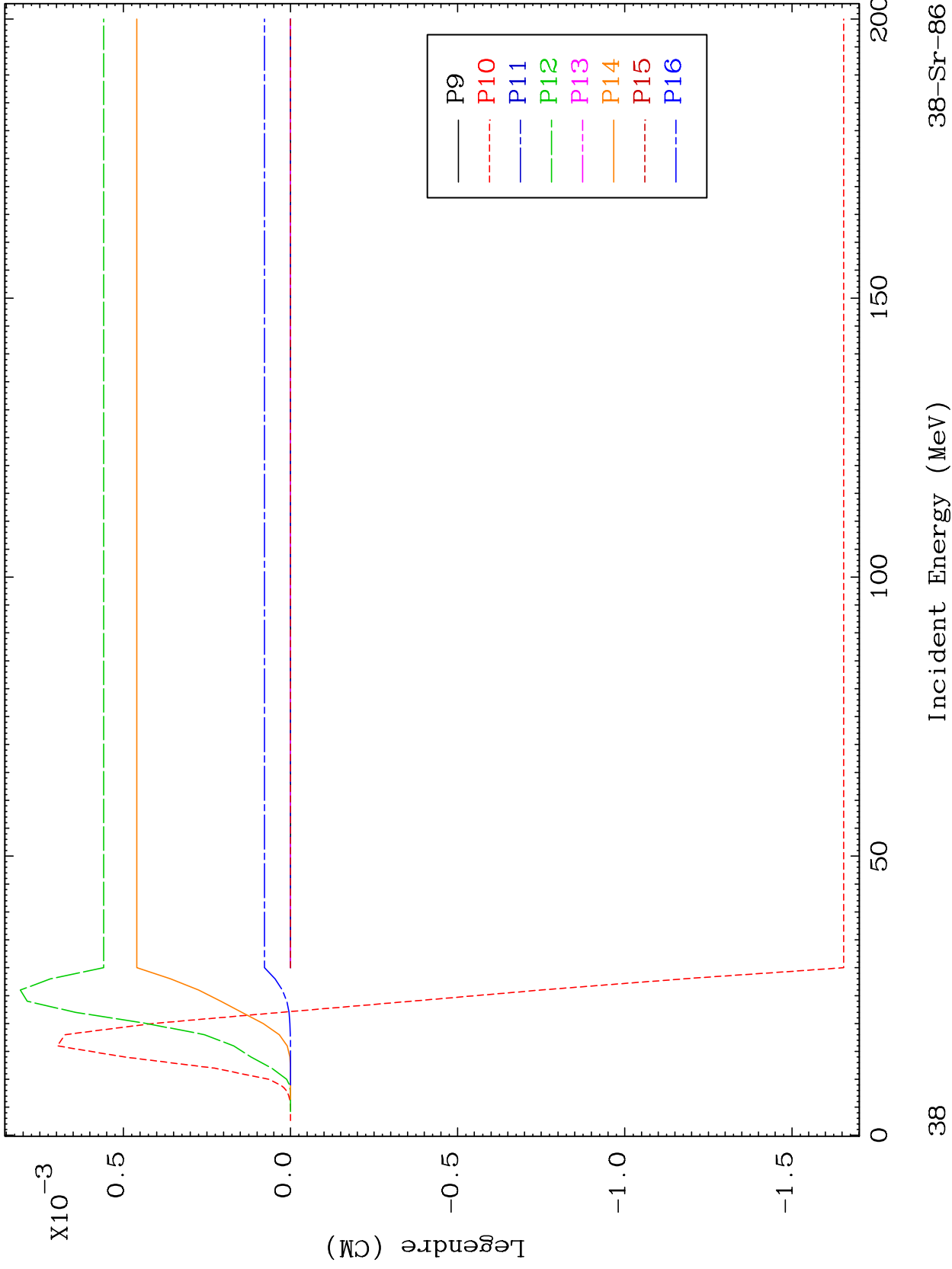




MAT 3831

2.365 MeV (n,n') Level
Legendre Coefficients

38-Sr-86



38

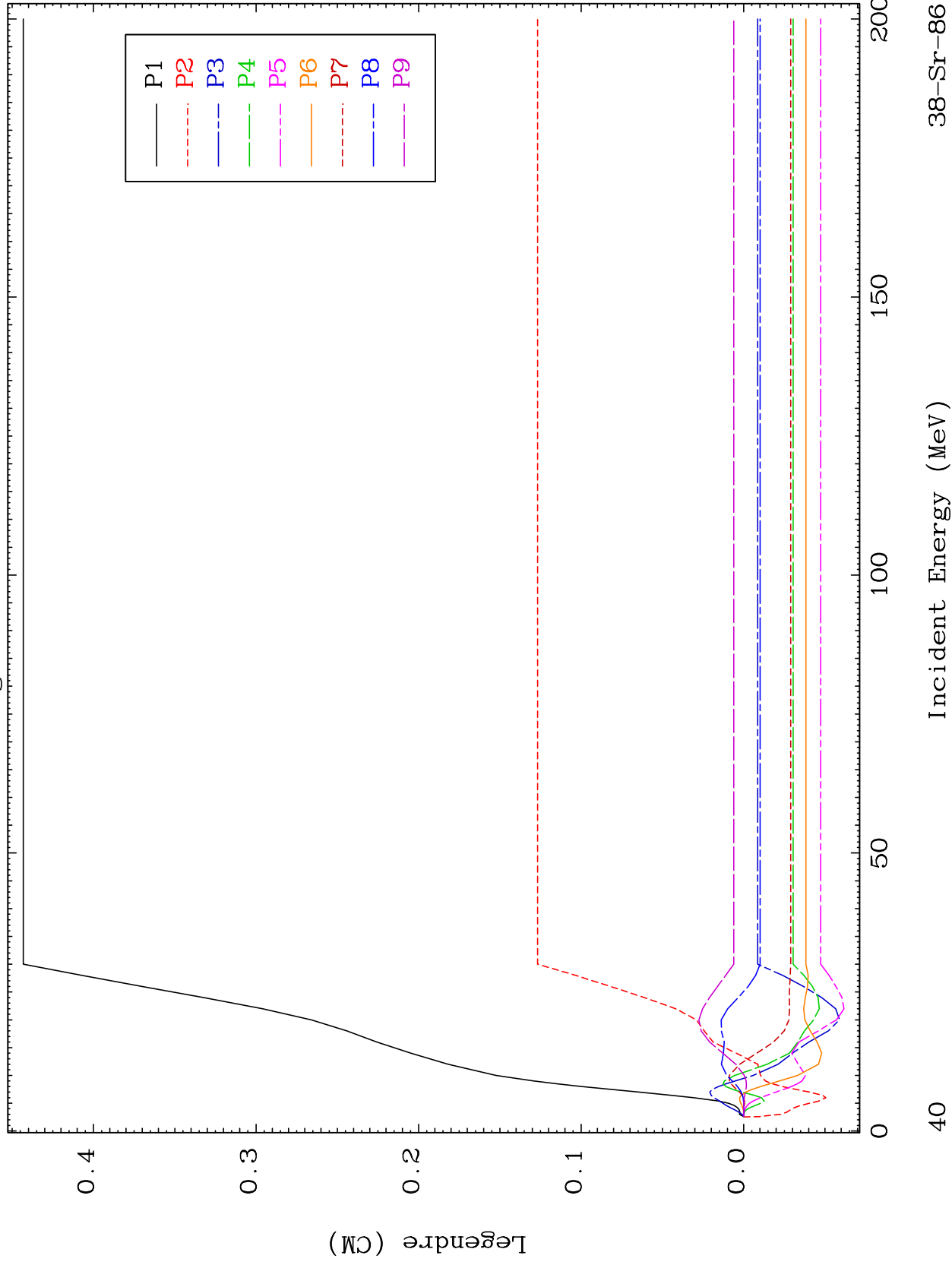
Incident Energy (MeV)

38-Sr-86

MAT 3831

2.482 MeV (n,n') Level
Legendre Coefficients

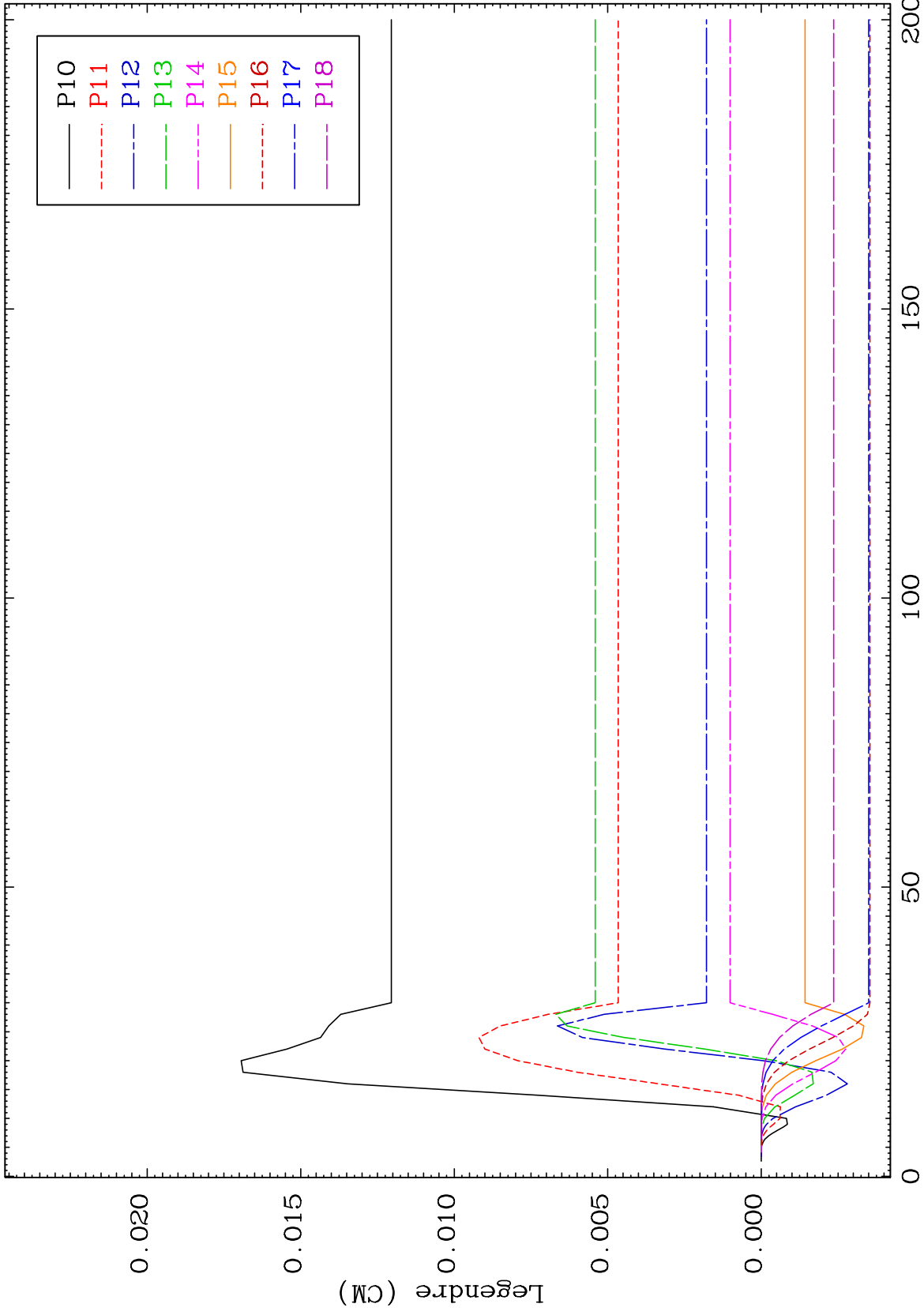
38-Sr-86

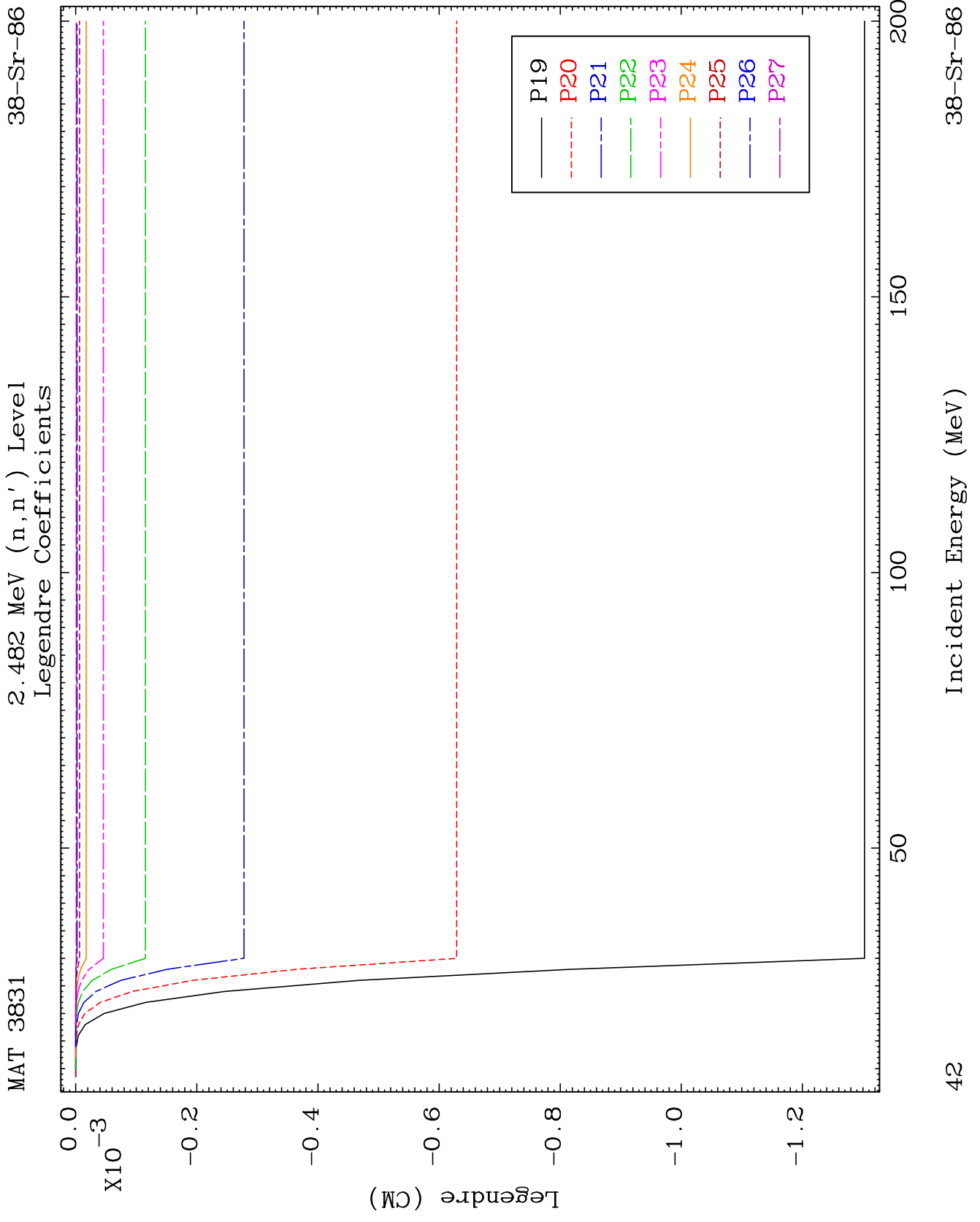


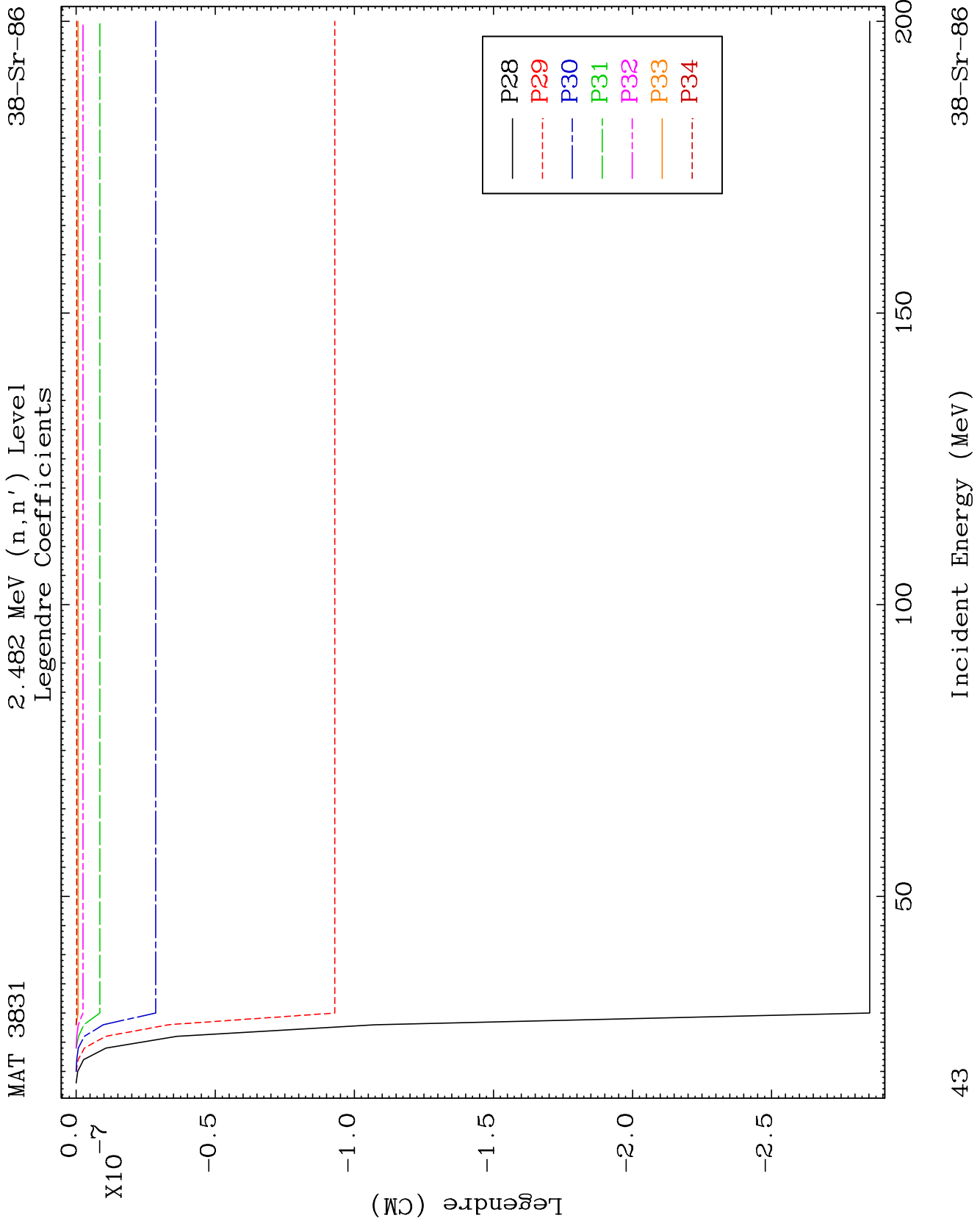
38-Sr-86

Incident Energy (MeV)

40



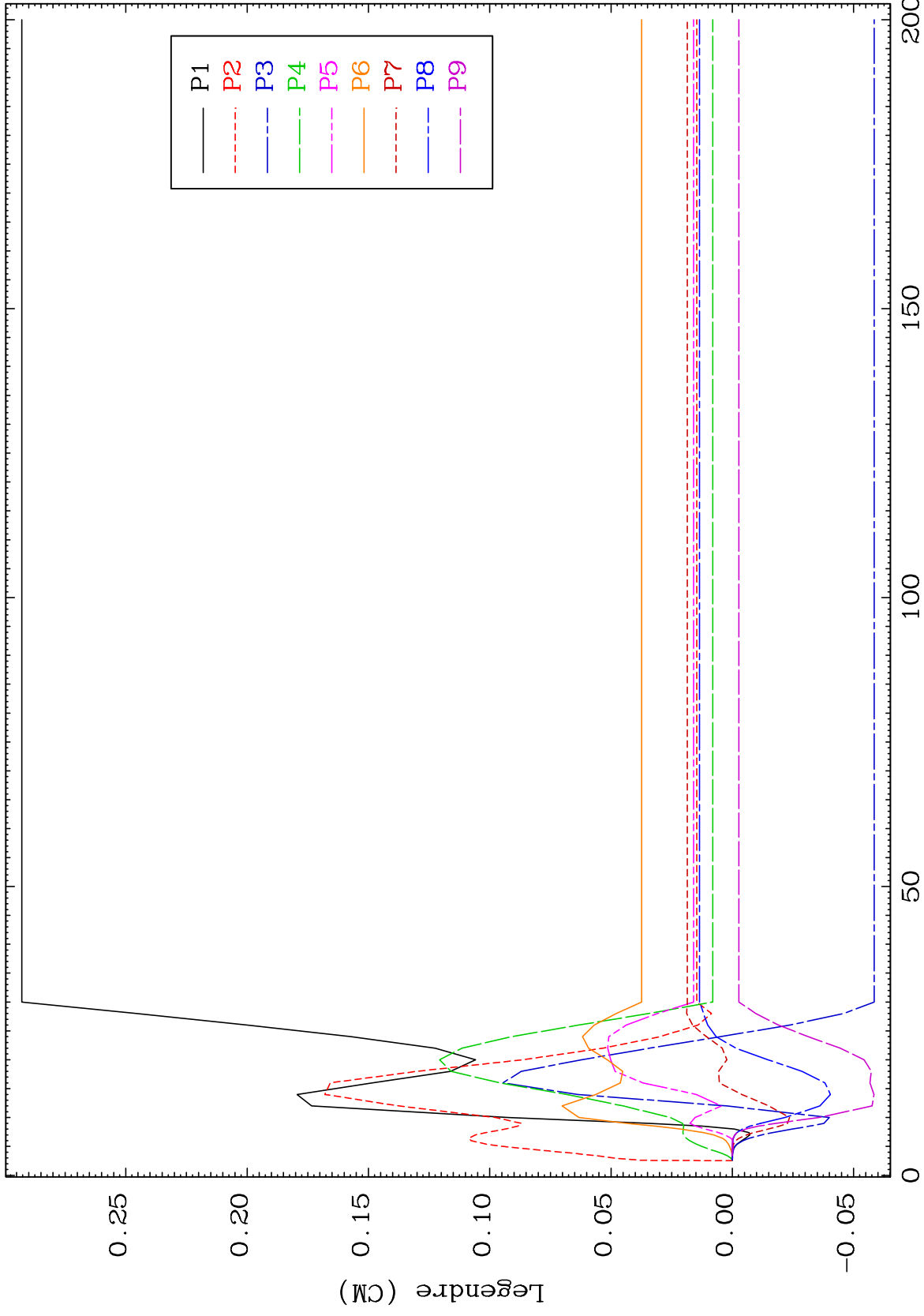




MAT 3831

2.497 MeV (n,n') Level
Legendre Coefficients

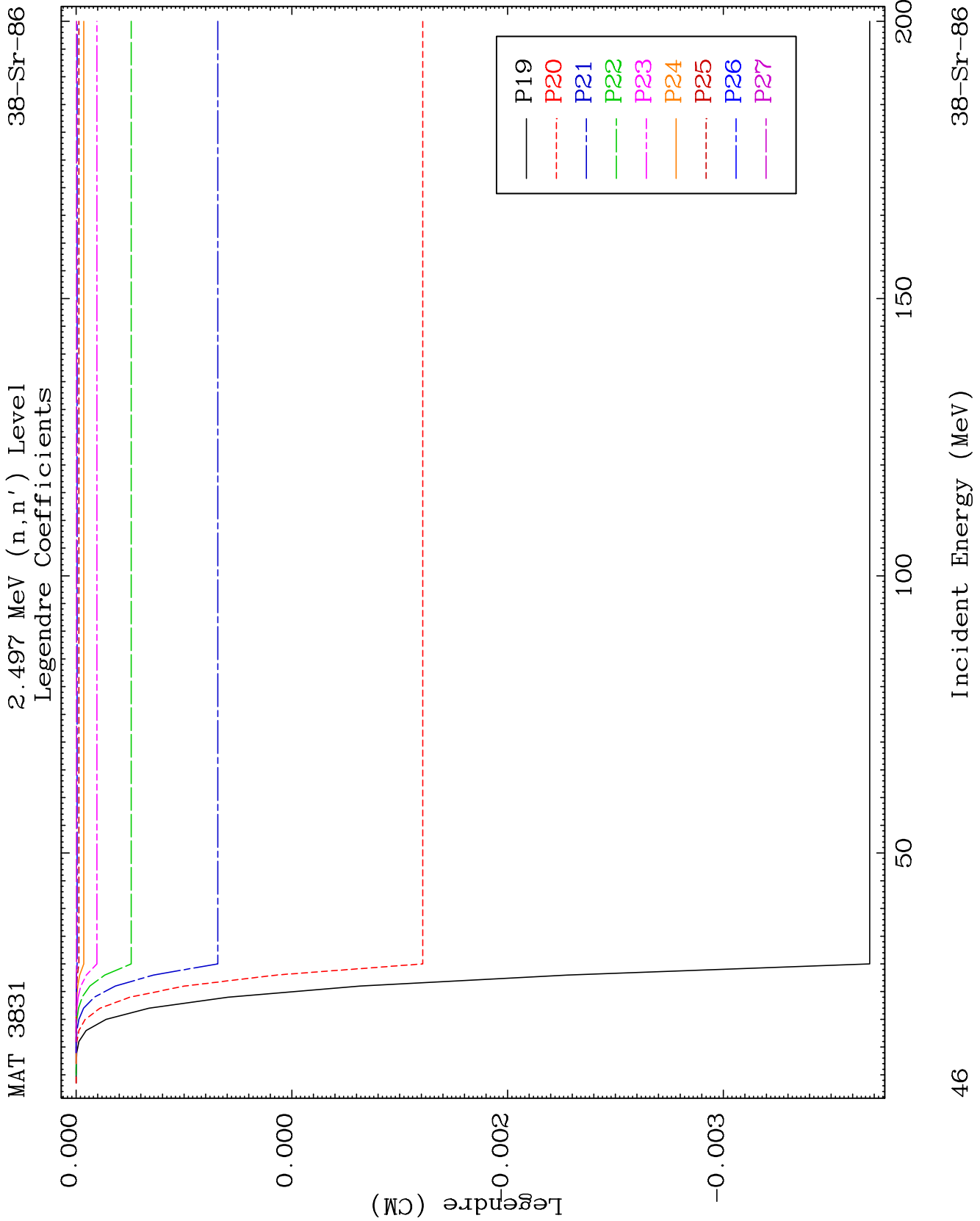
38-Sr-86

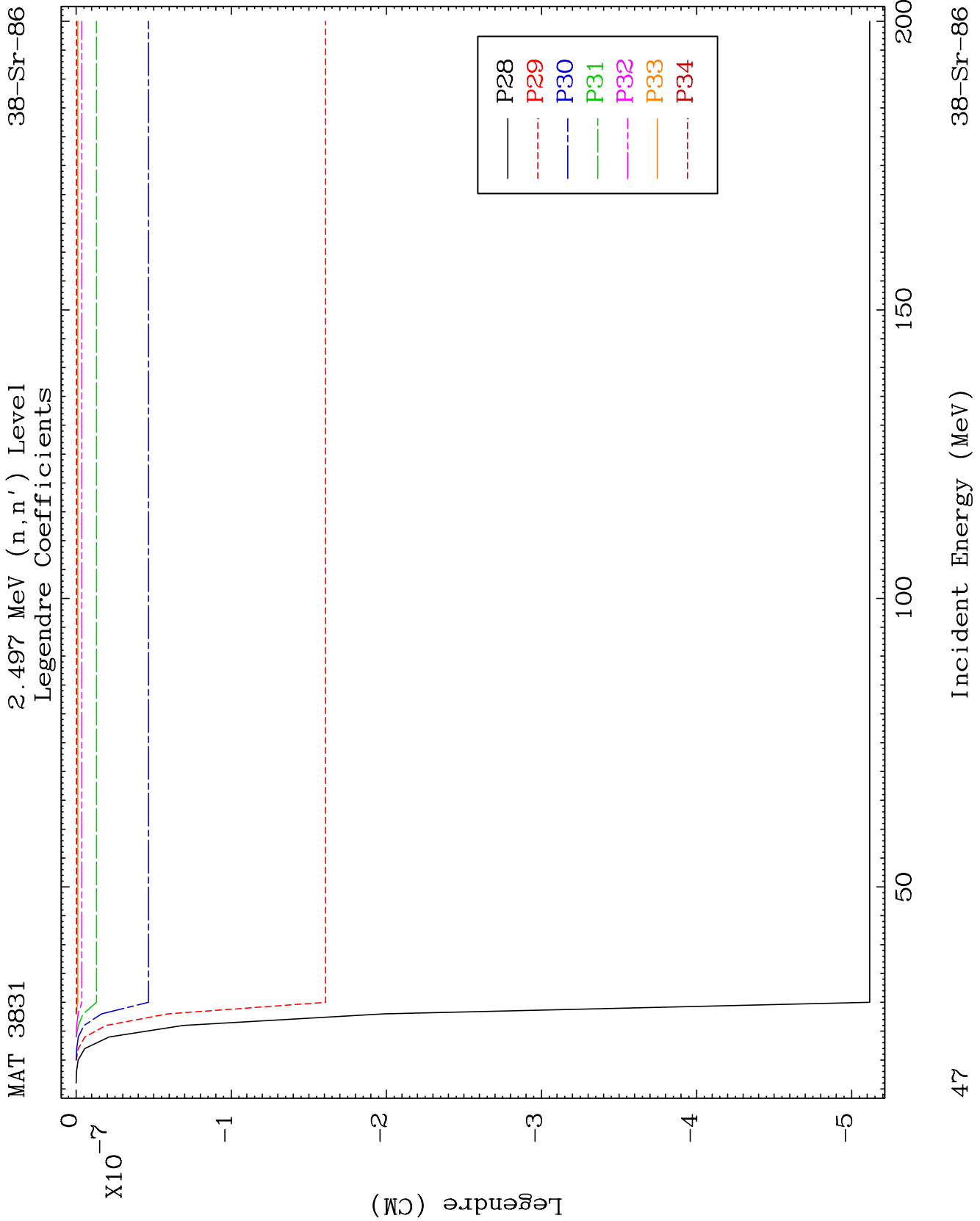


44

Incident Energy (MeV)

38-Sr-86

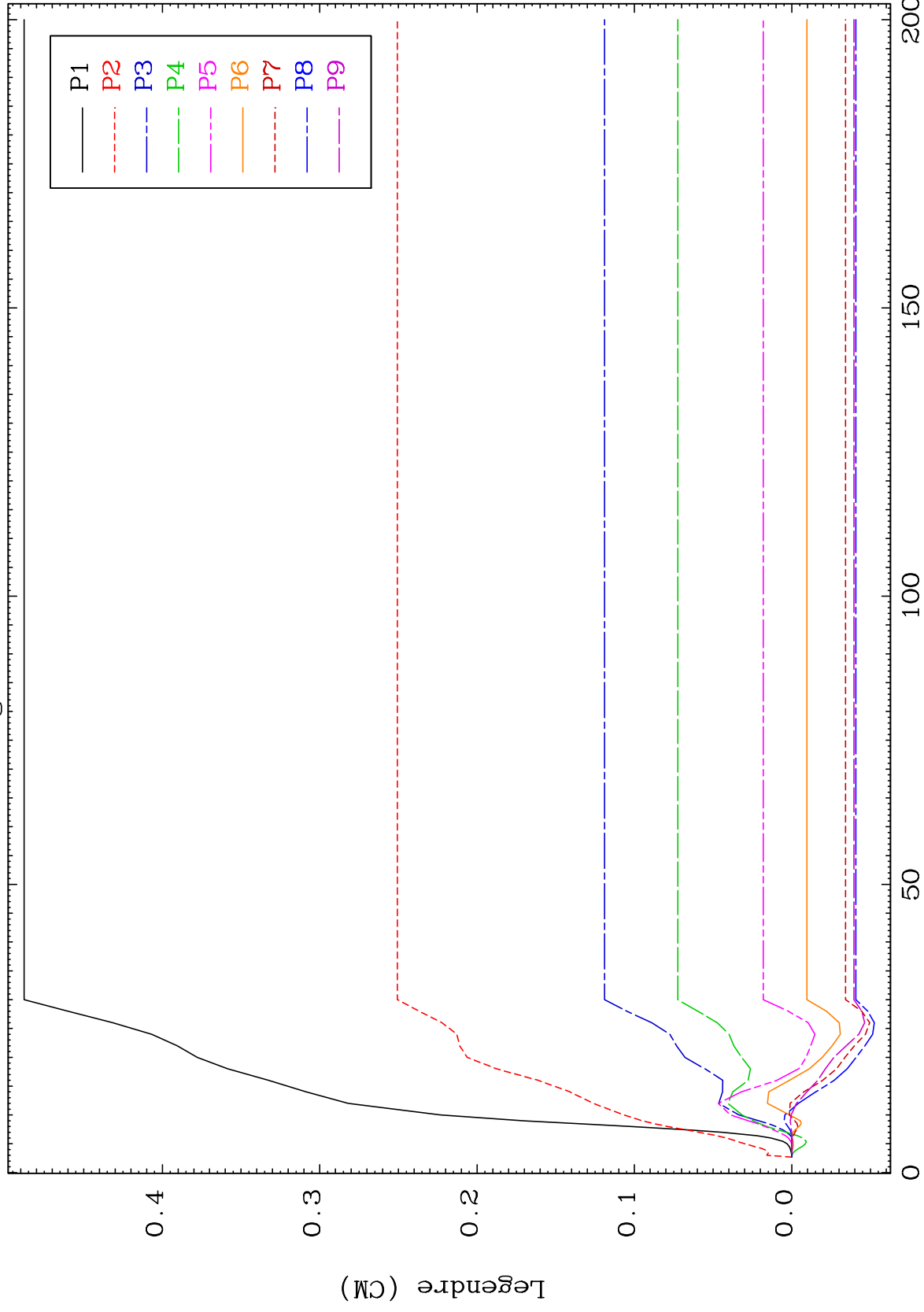




MAT 3831

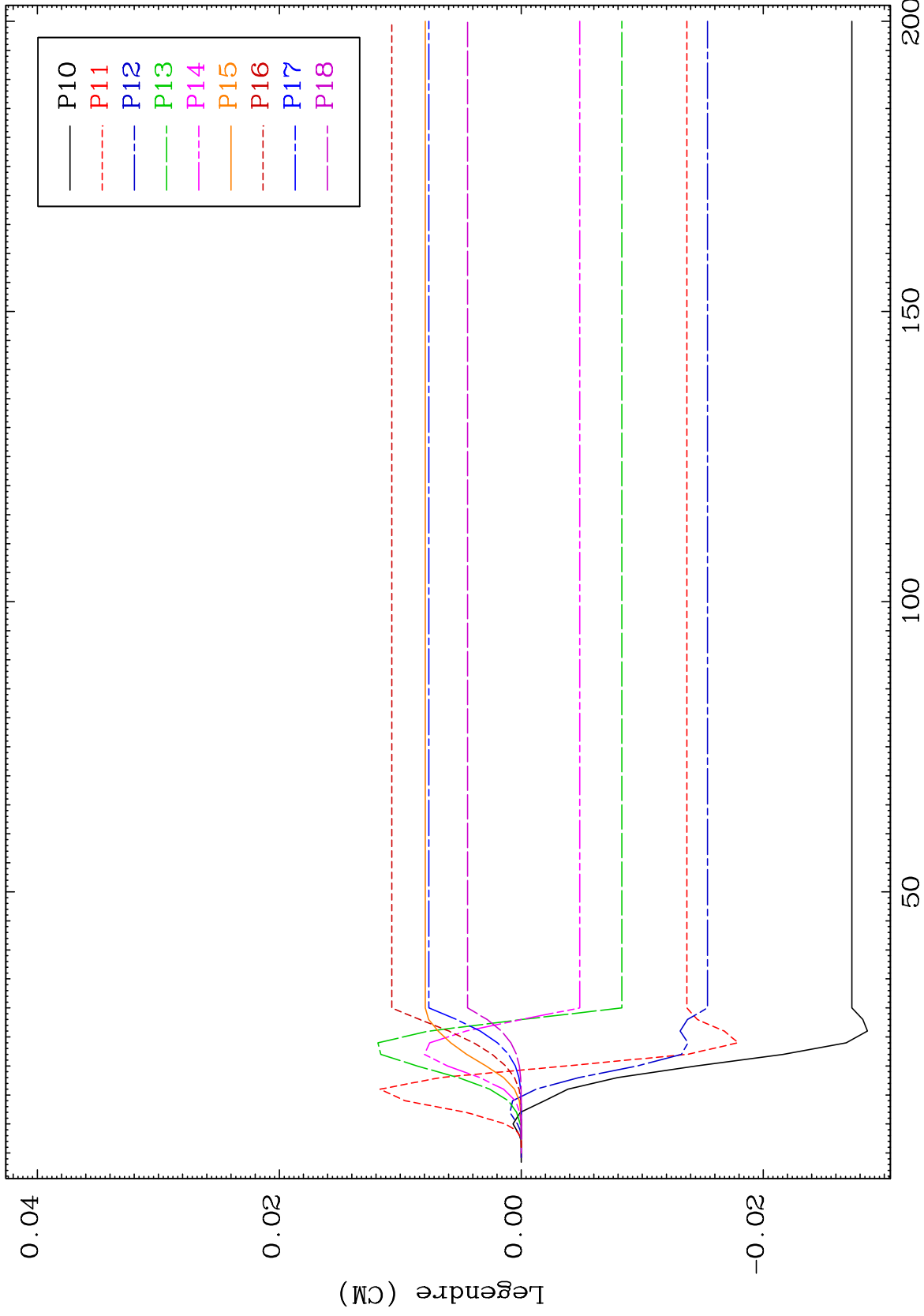
2.642 MeV (n,n') Level
Legendre Coefficients

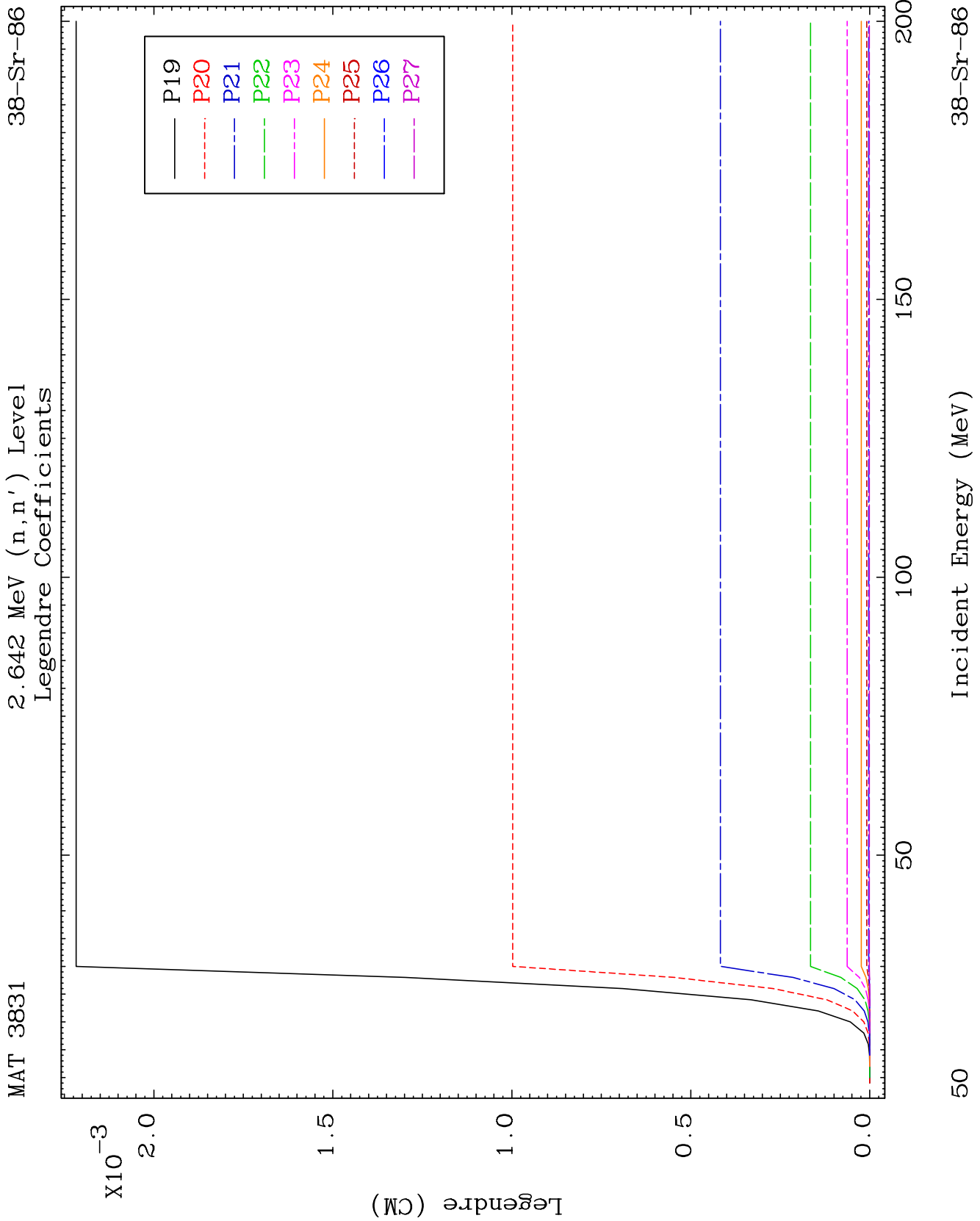
38-Sr-86

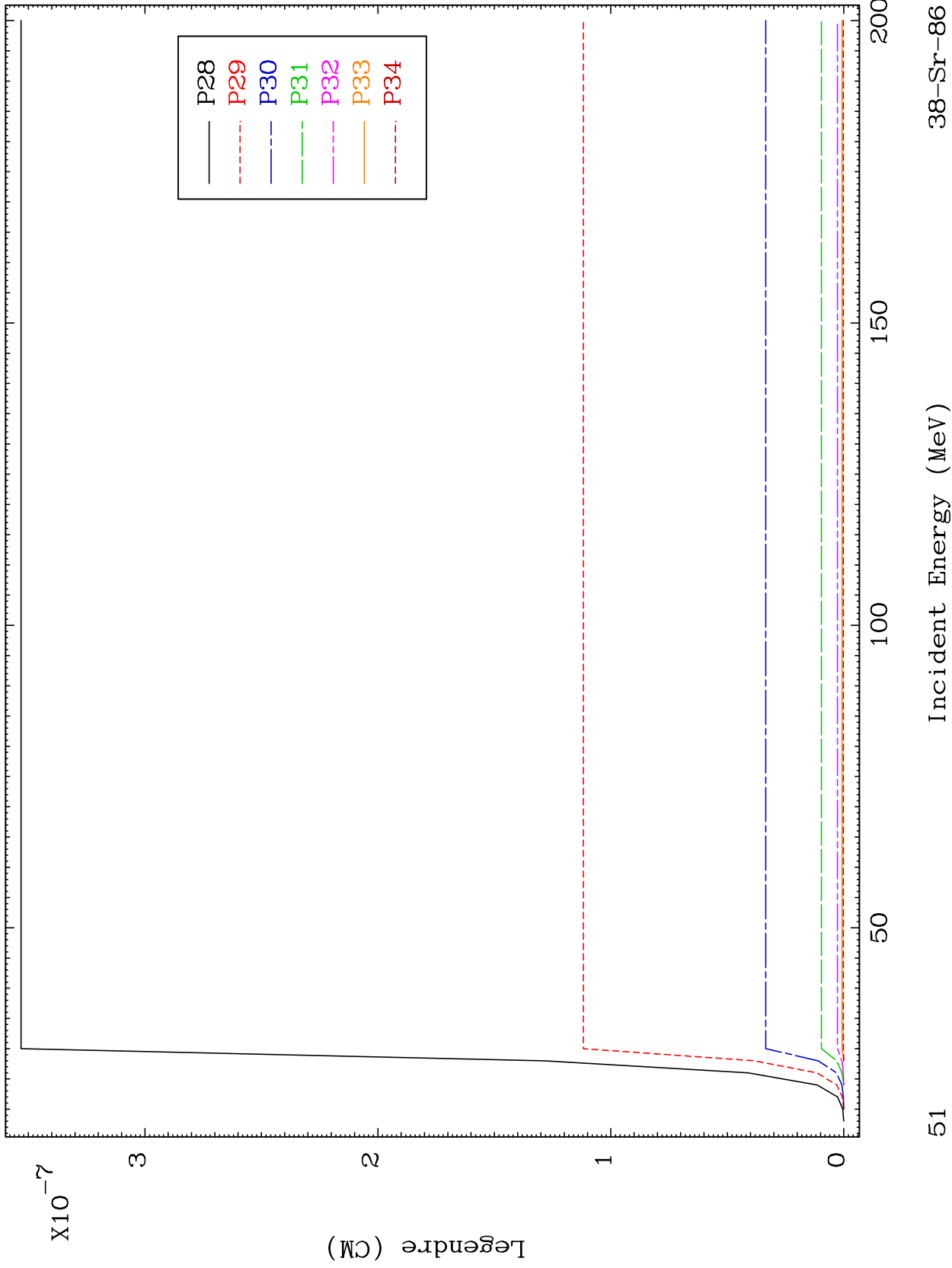


48

38-Sr-86



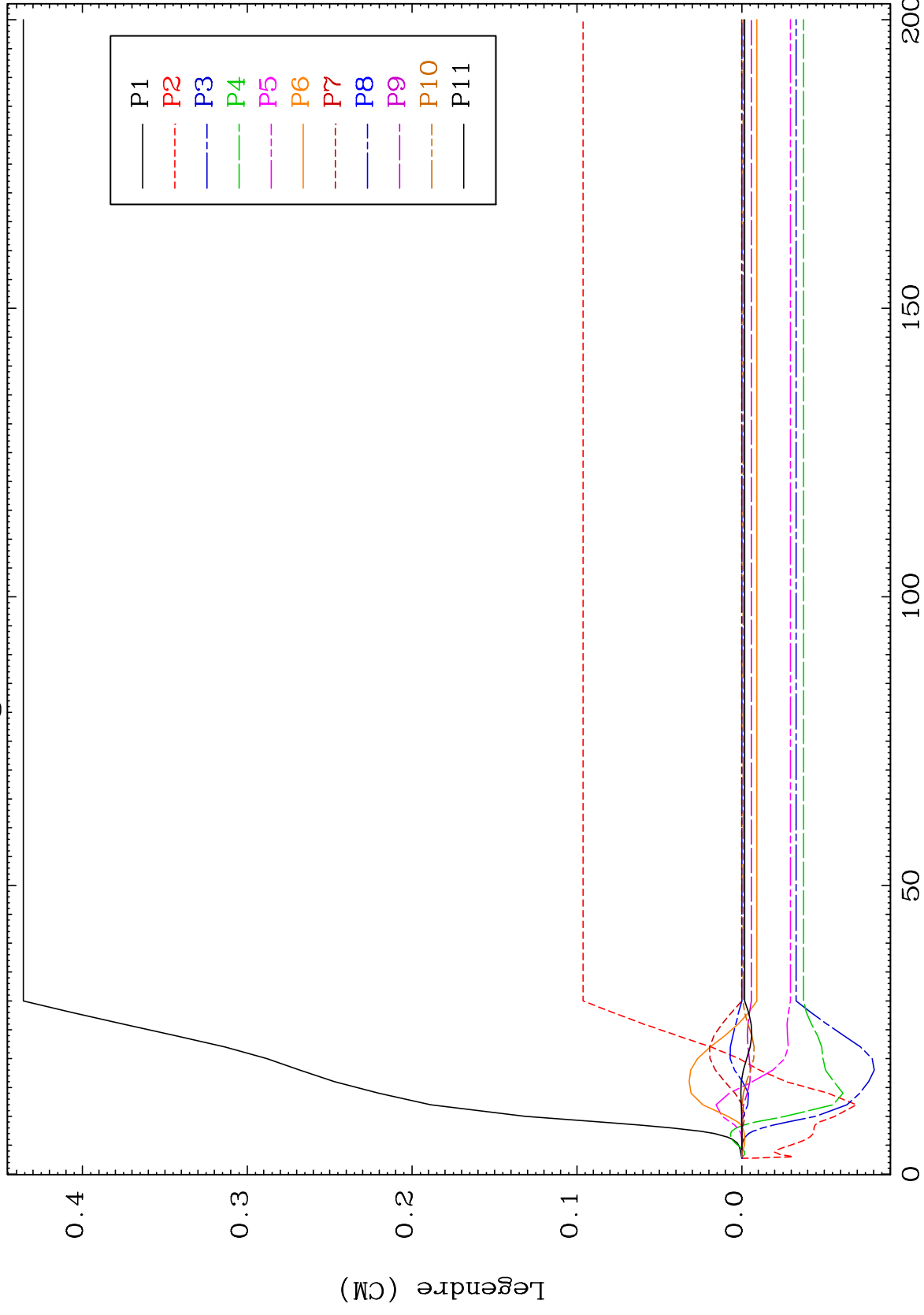




MAT 3831

2.673 MeV (n,n') Level
Legendre Coefficients

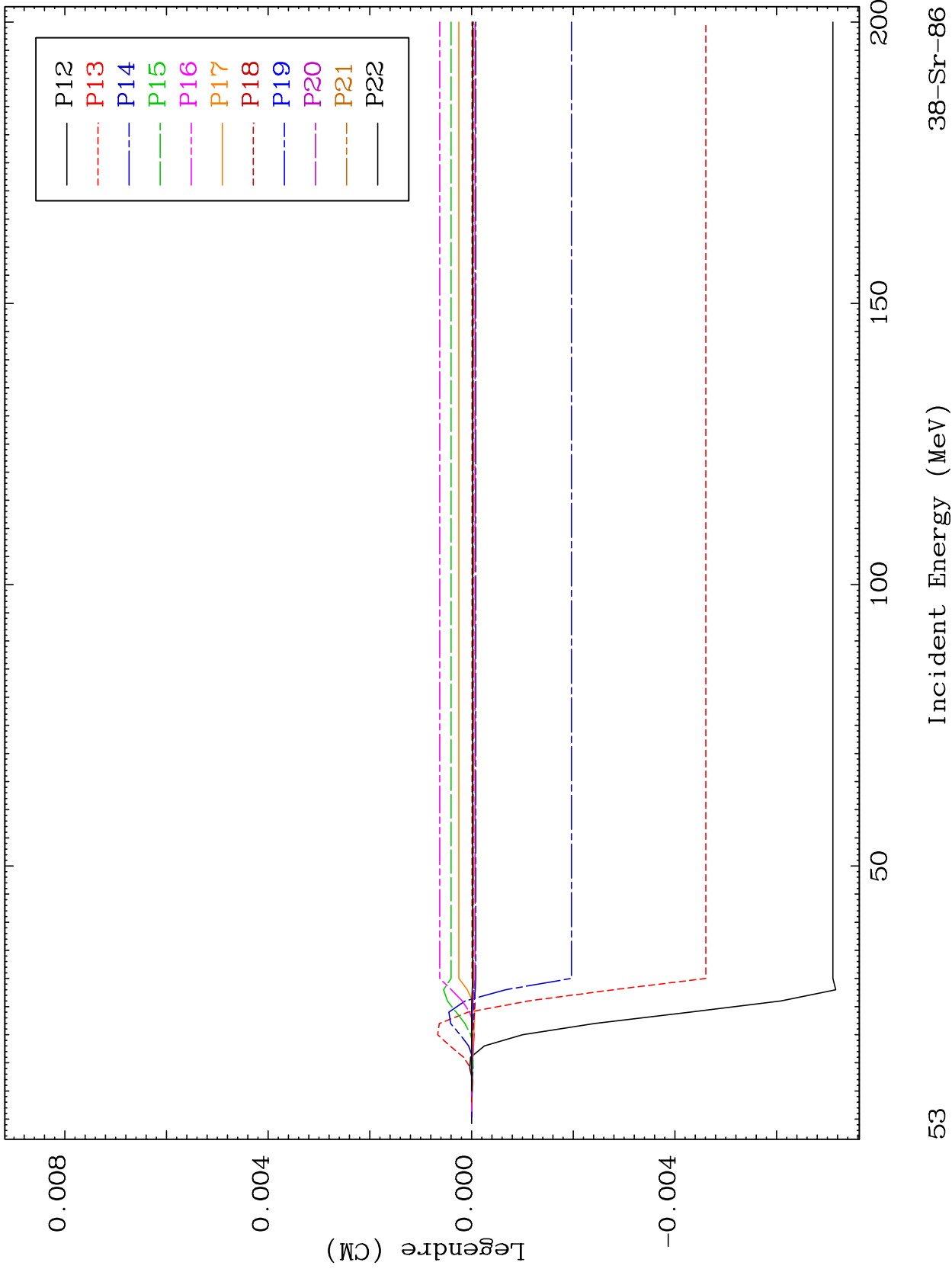
38-Sr-86

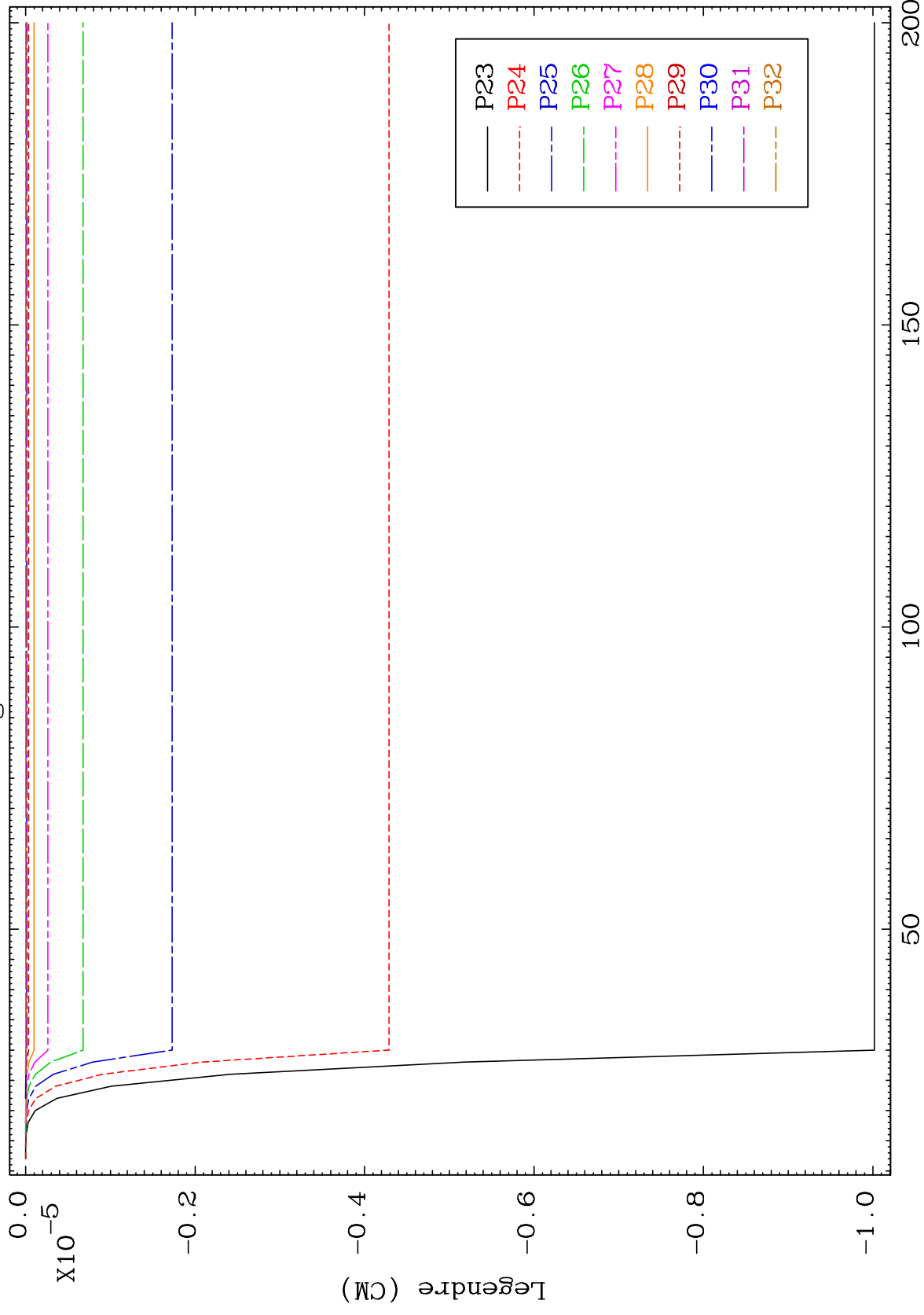


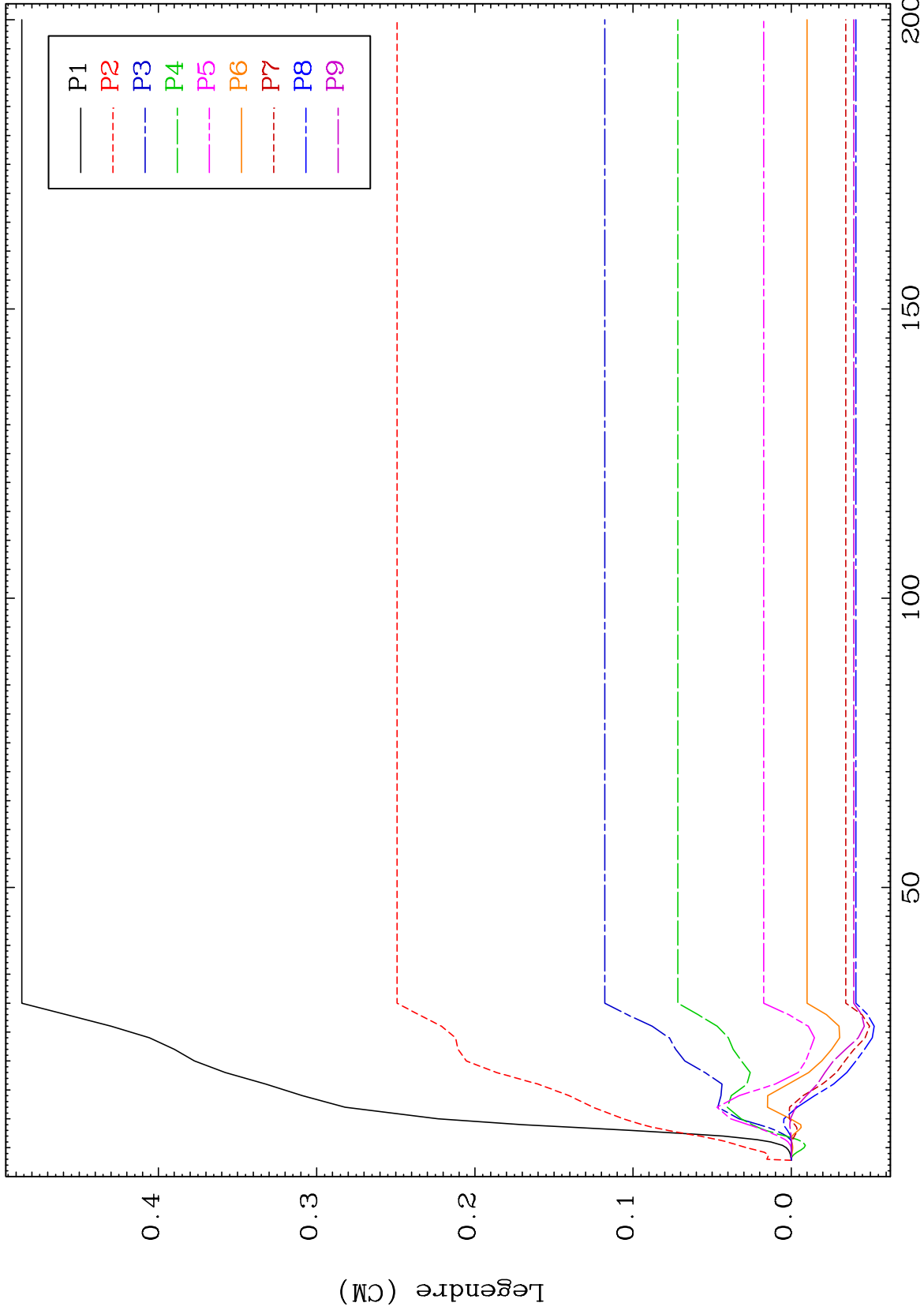
38-Sr-86

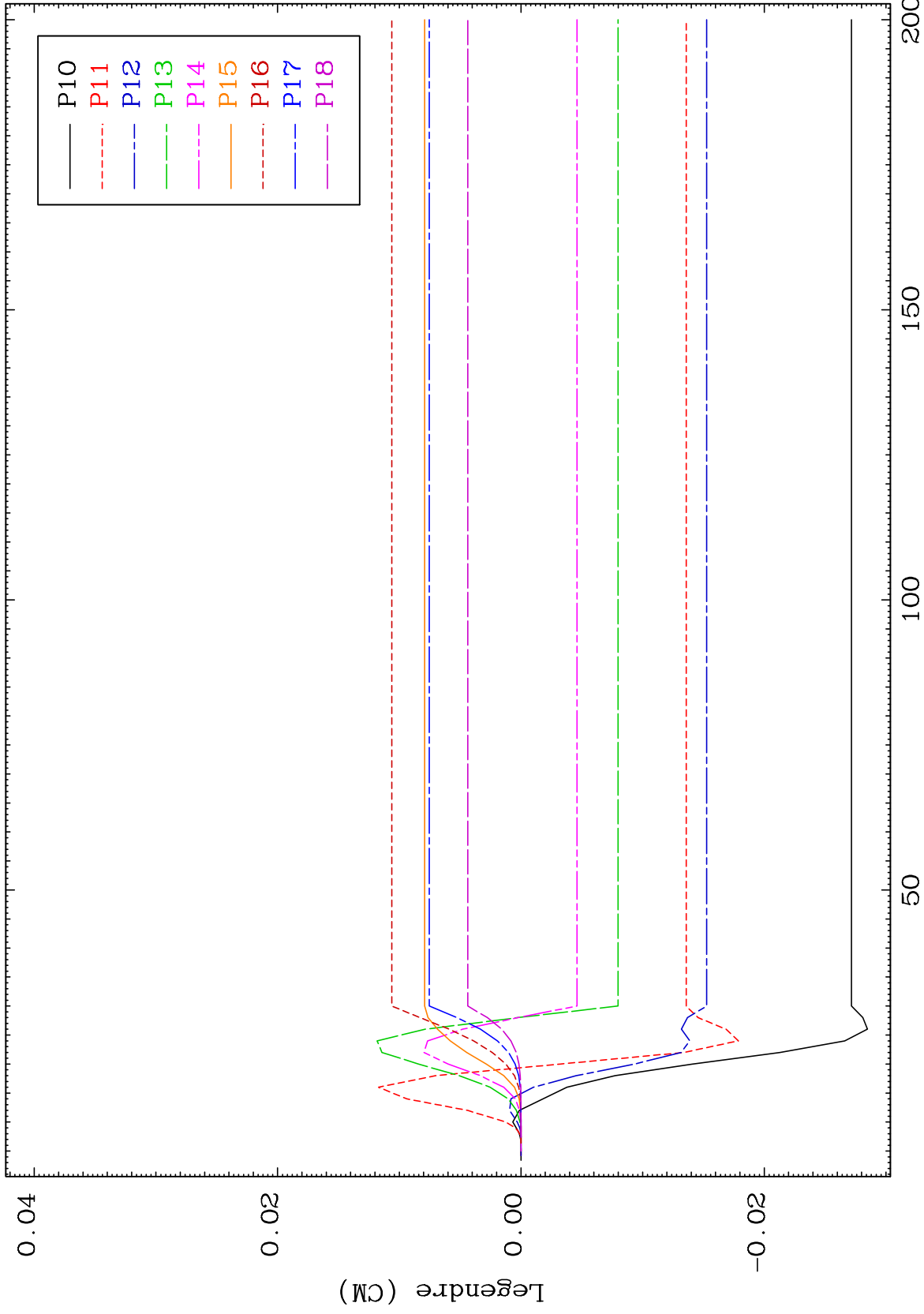
Incident Energy (MeV)

52





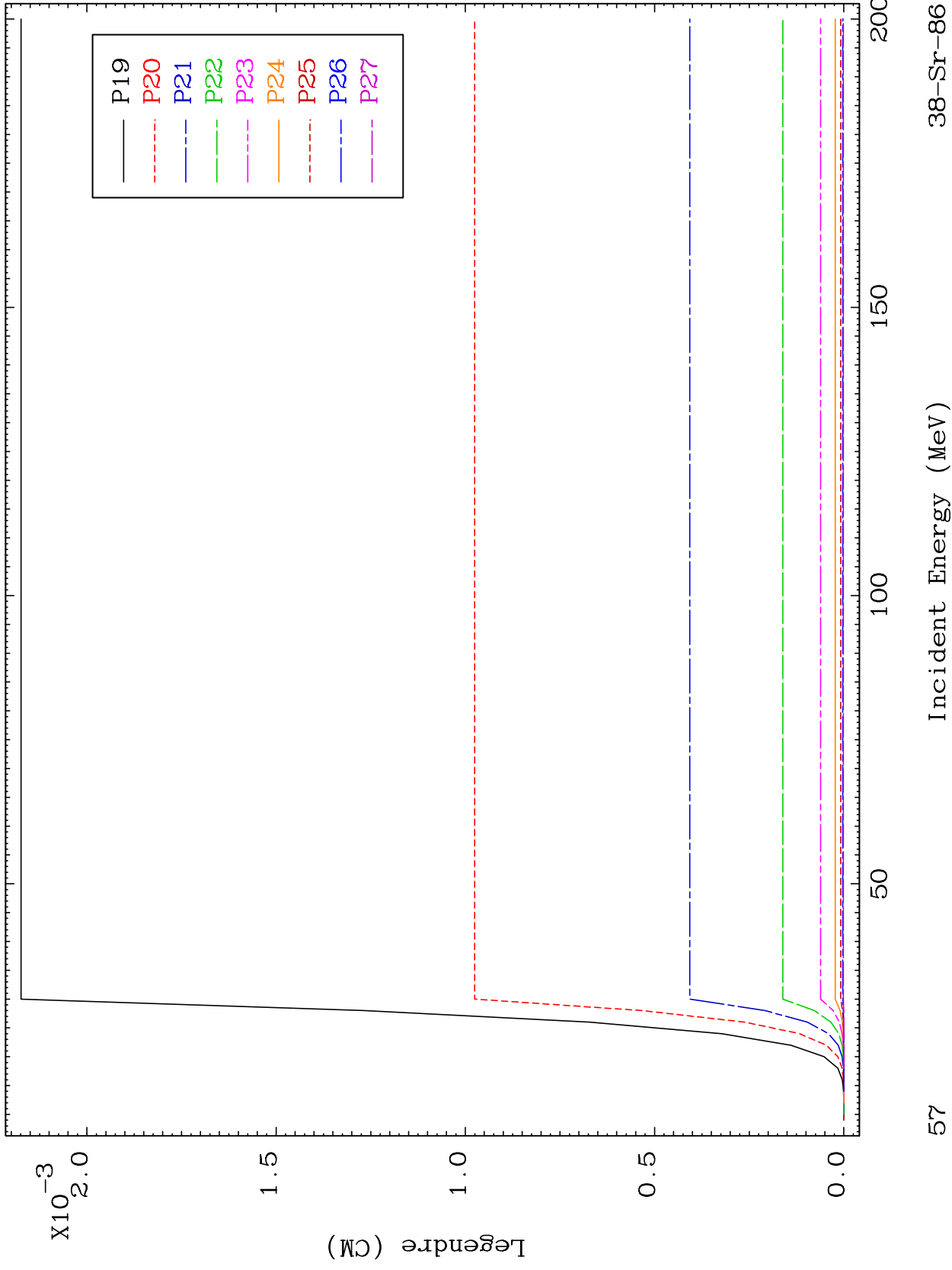




MAT 3831

2.788 MeV (n,n') Level
Legendre Coefficients

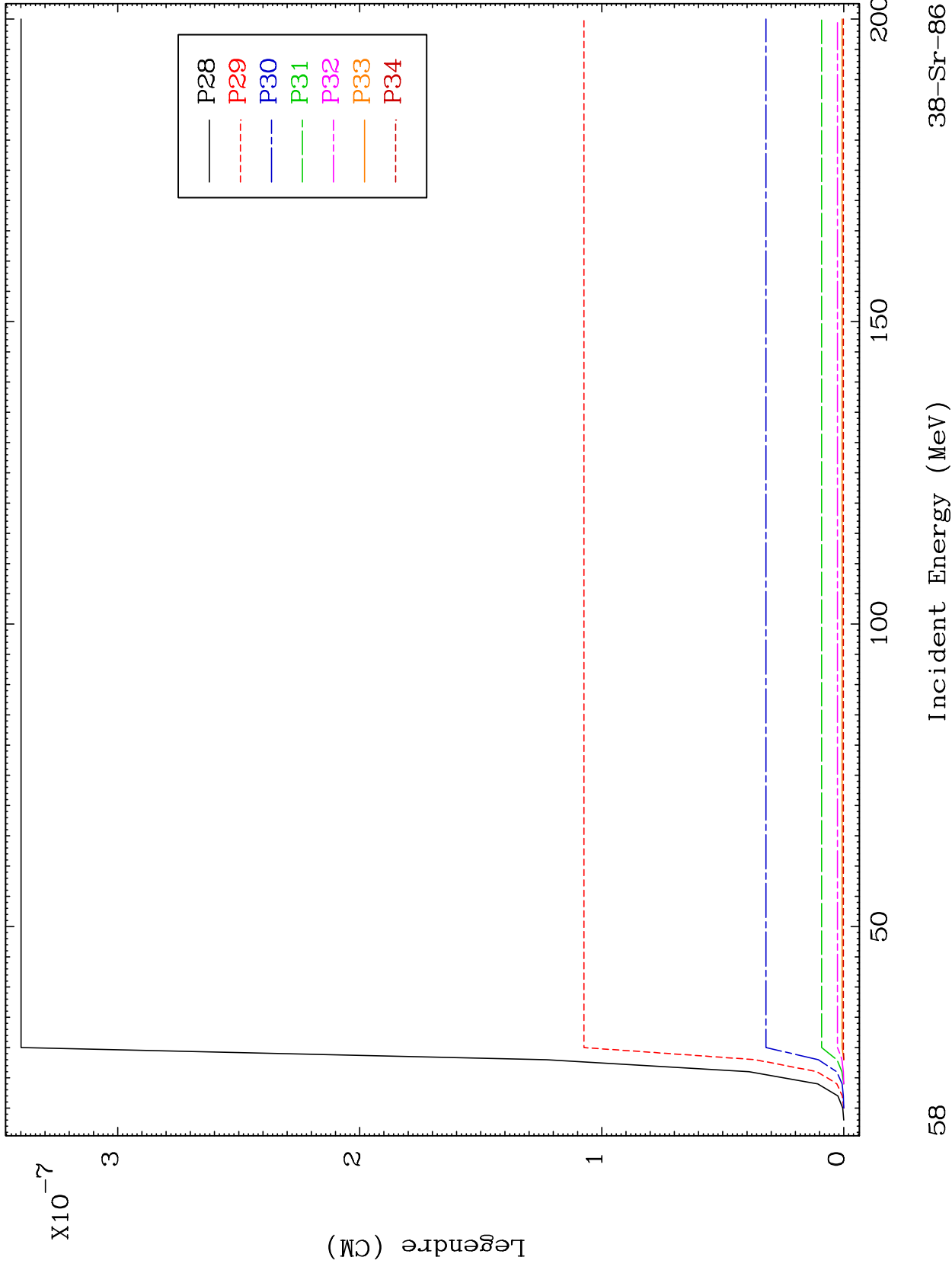
38-Sr-86



MAT 3831

2.788 MeV (n,n') Level
Legendre Coefficients

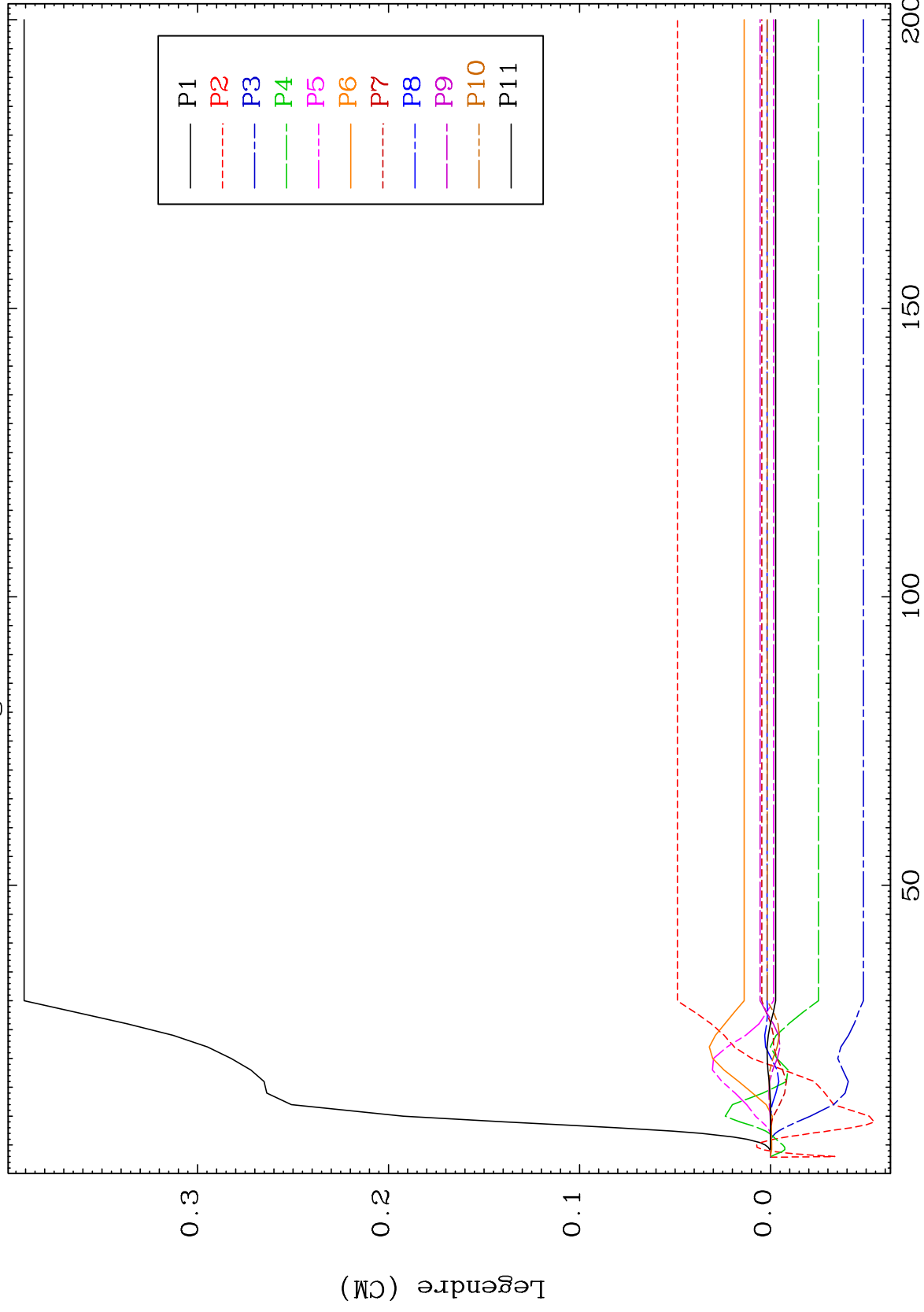
38-Sr-86



58

Incident Energy (MeV)

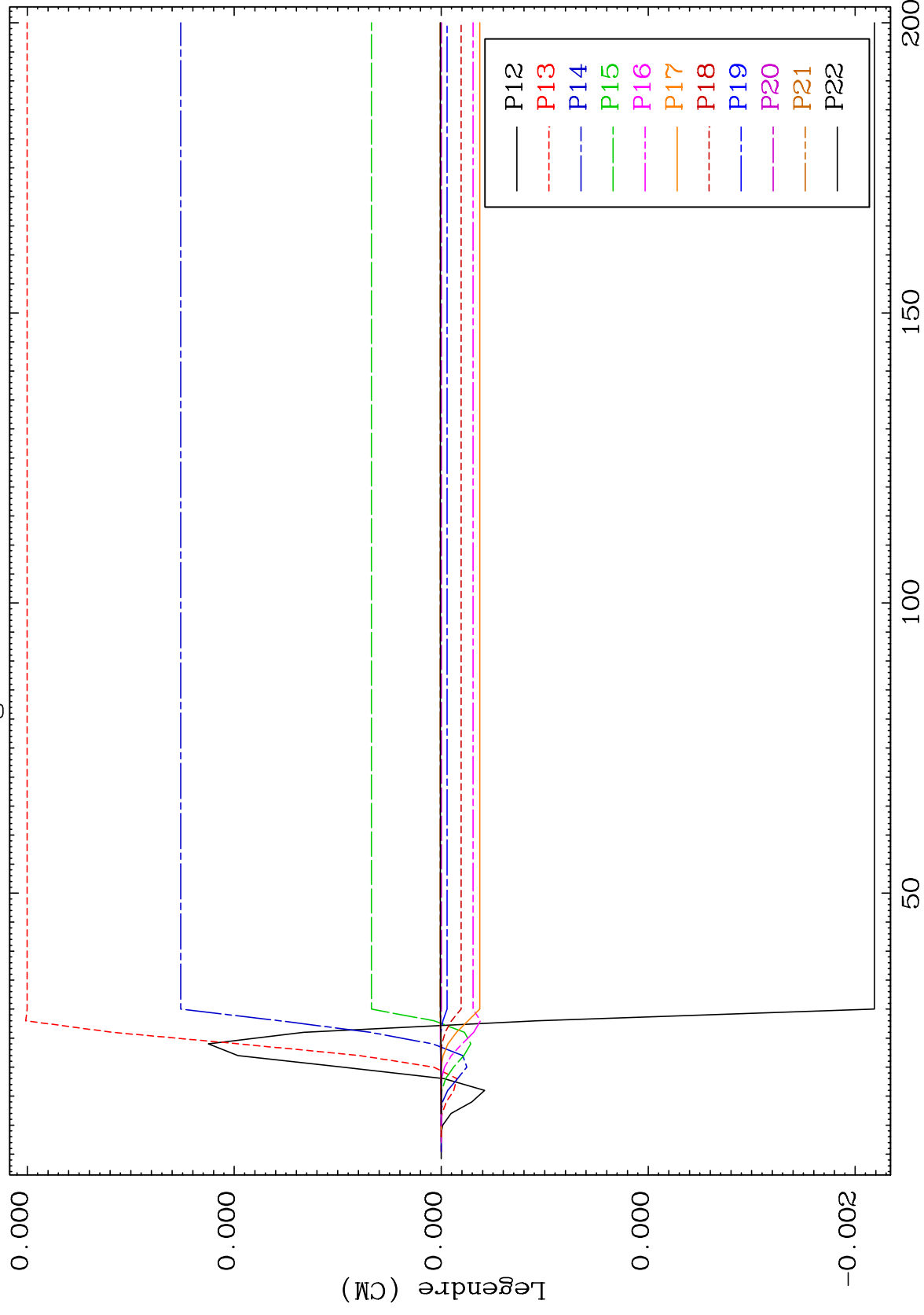
38-Sr-86



MAT 3831

2.857 MeV (n,n') Level
Legendre Coefficients

38-Sr-86



38-Sr-86

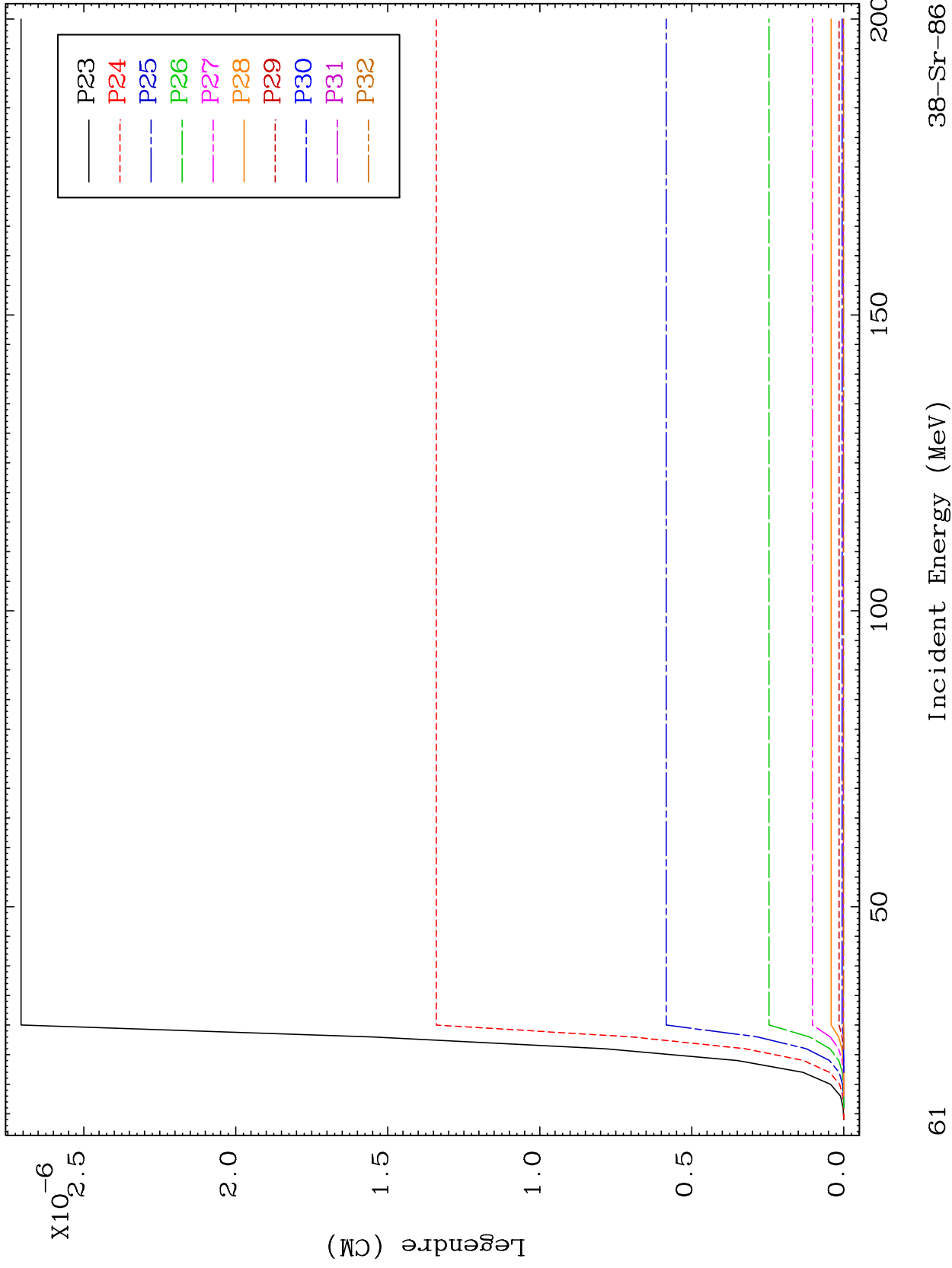
Incident Energy (MeV)

60

MAT 3831

2.857 MeV (n,n') Level
Legendre Coefficients

38-Sr-86



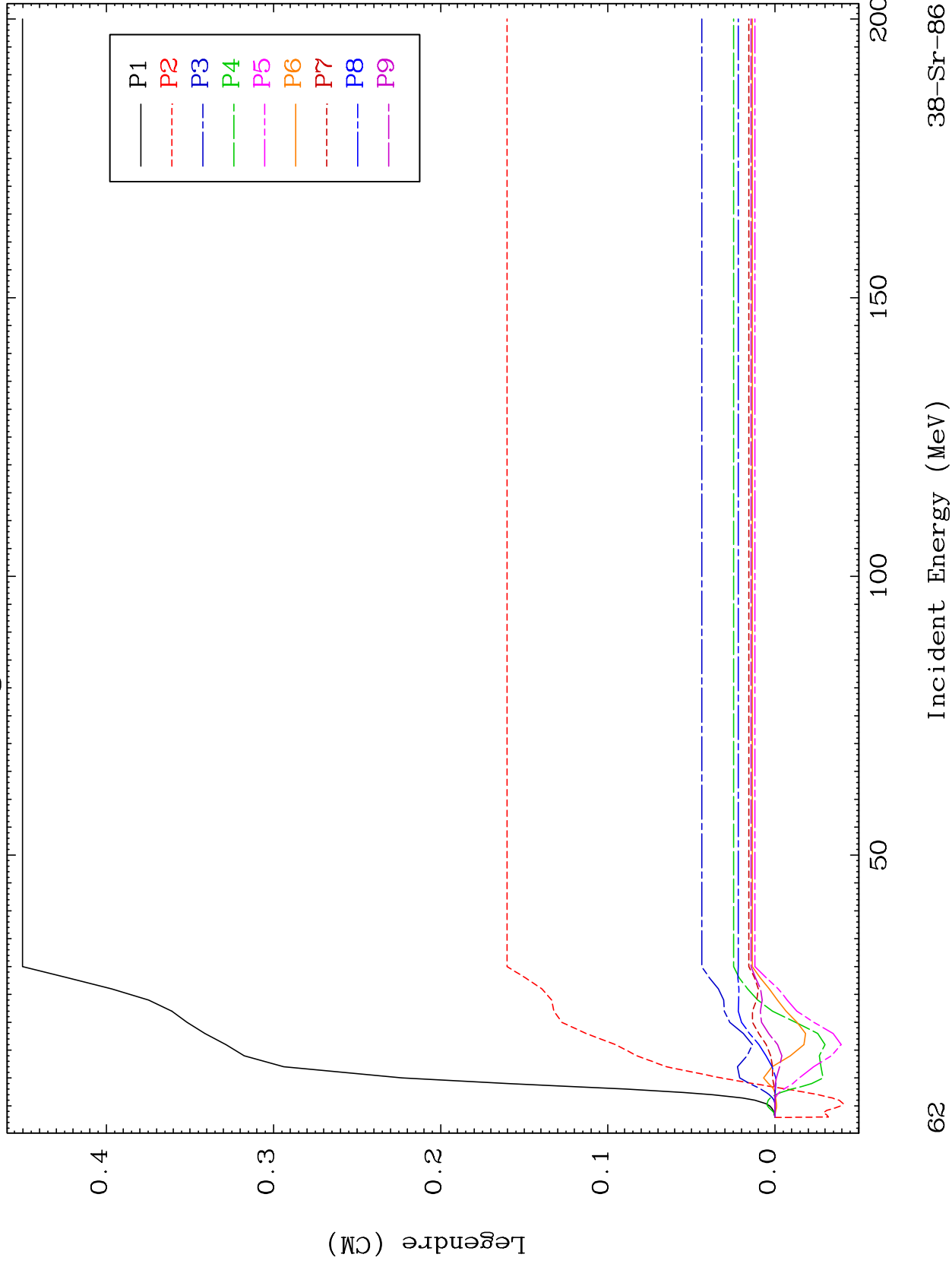
61

38-Sr-86

MAT 3831

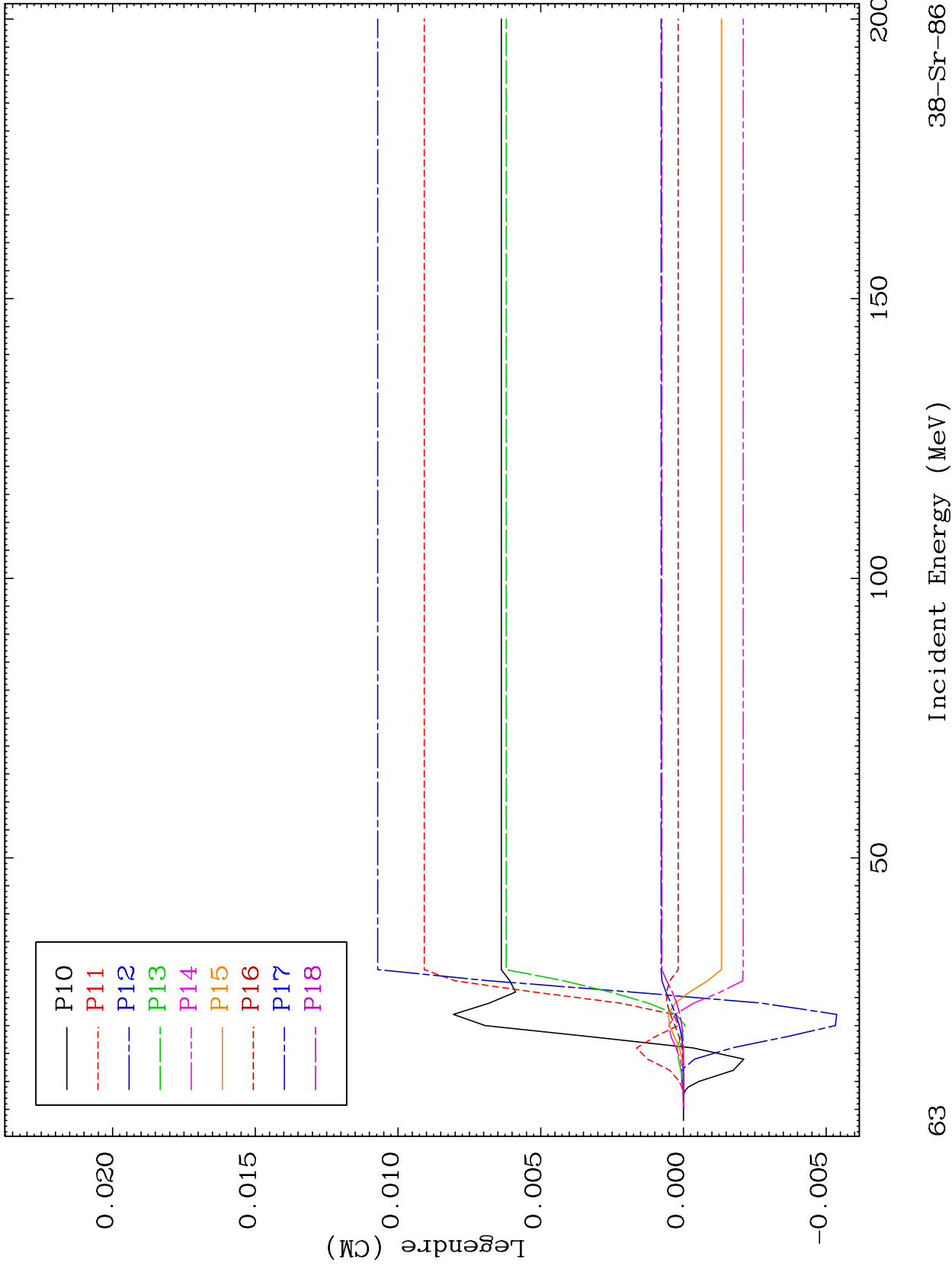
2.878 MeV (n,n') Level
Legendre Coefficients

38-Sr-86



62

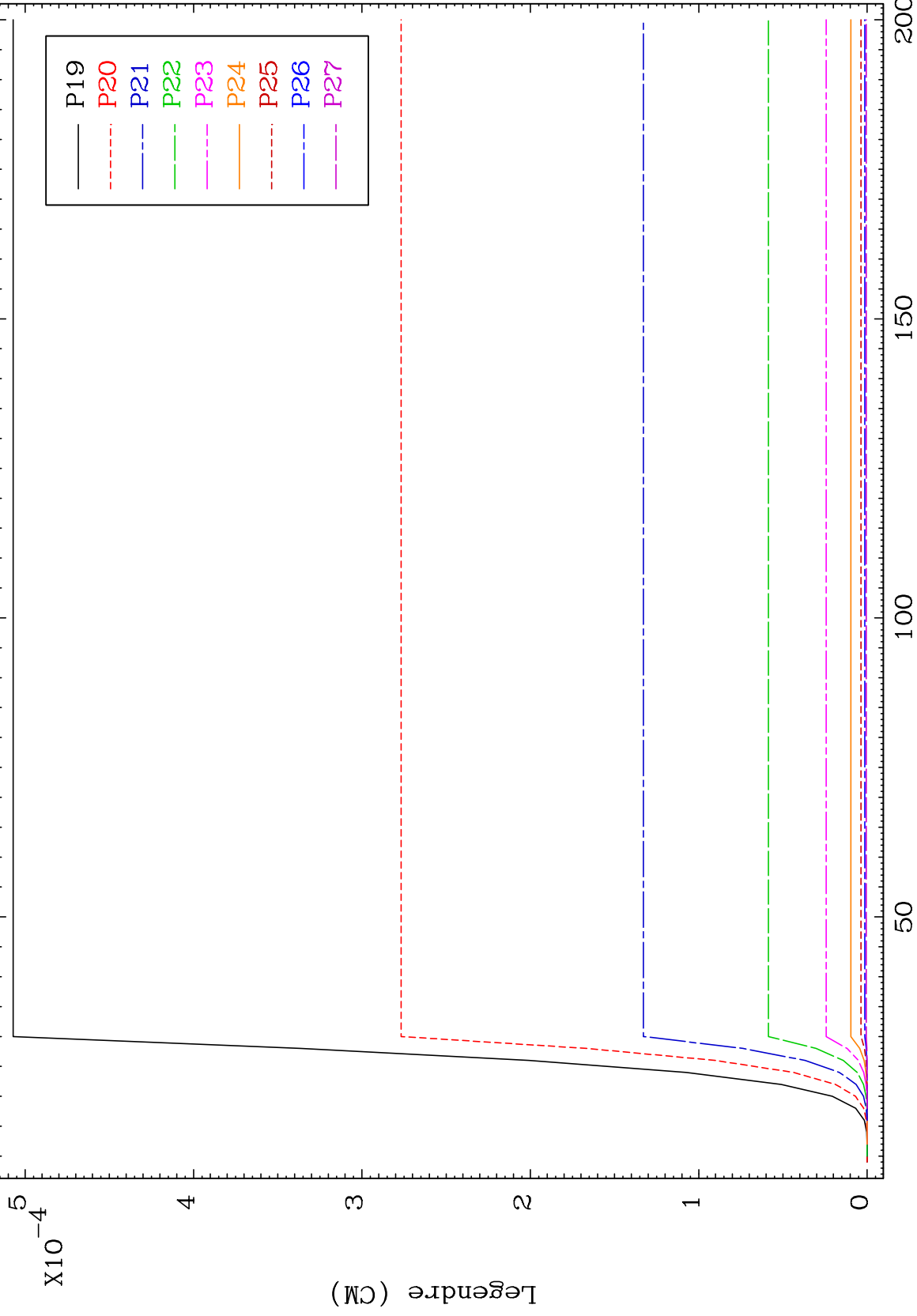
38-Sr-86



MAT 3831

2.878 MeV (n,n') Level
Legendre Coefficients

38-Sr-86



64

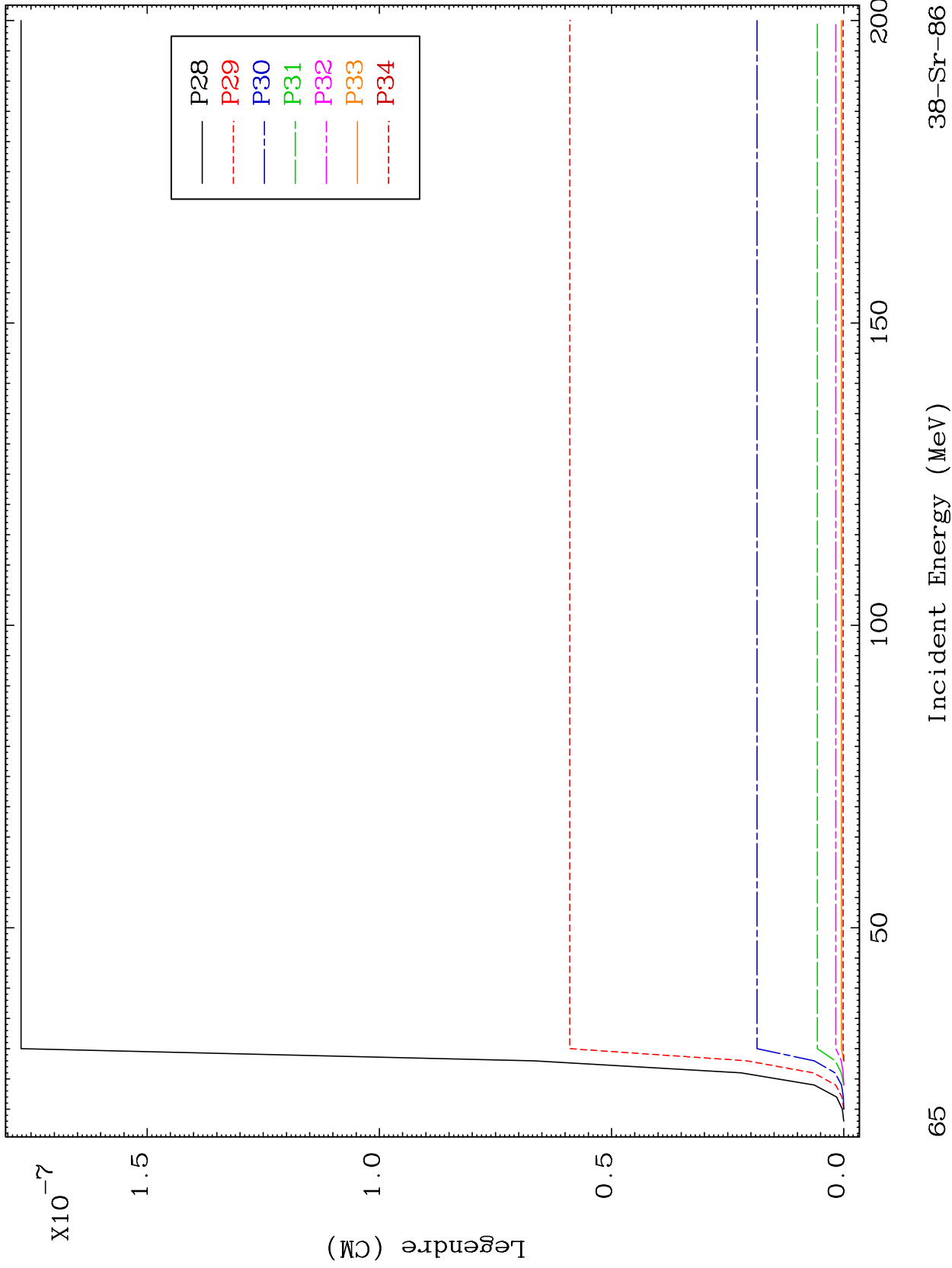
Incident Energy (MeV)

38-Sr-86

MAT 3831

2.878 MeV (n,n') Level
Legendre Coefficients

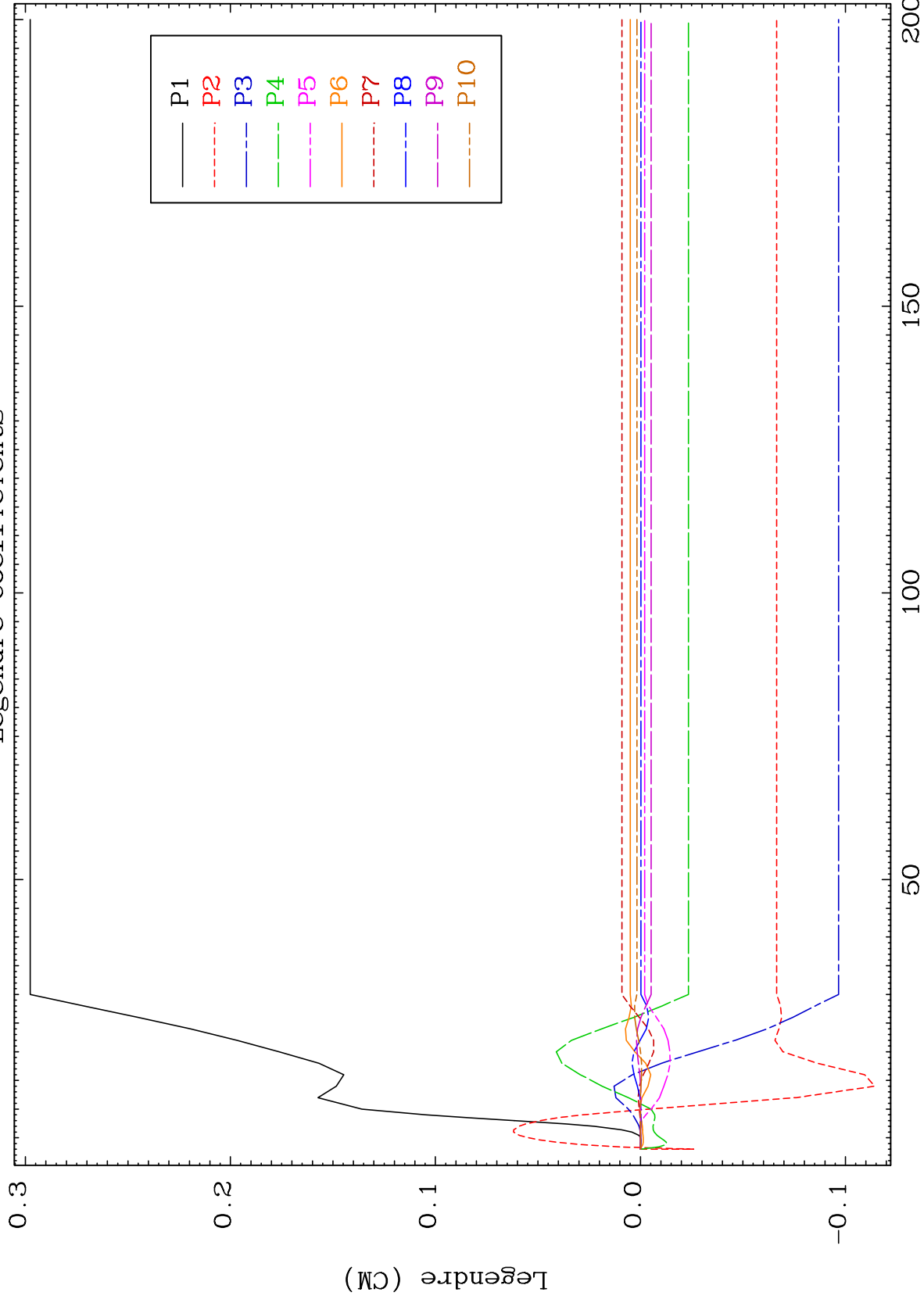
38-Sr-86



65

Incident Energy (MeV)

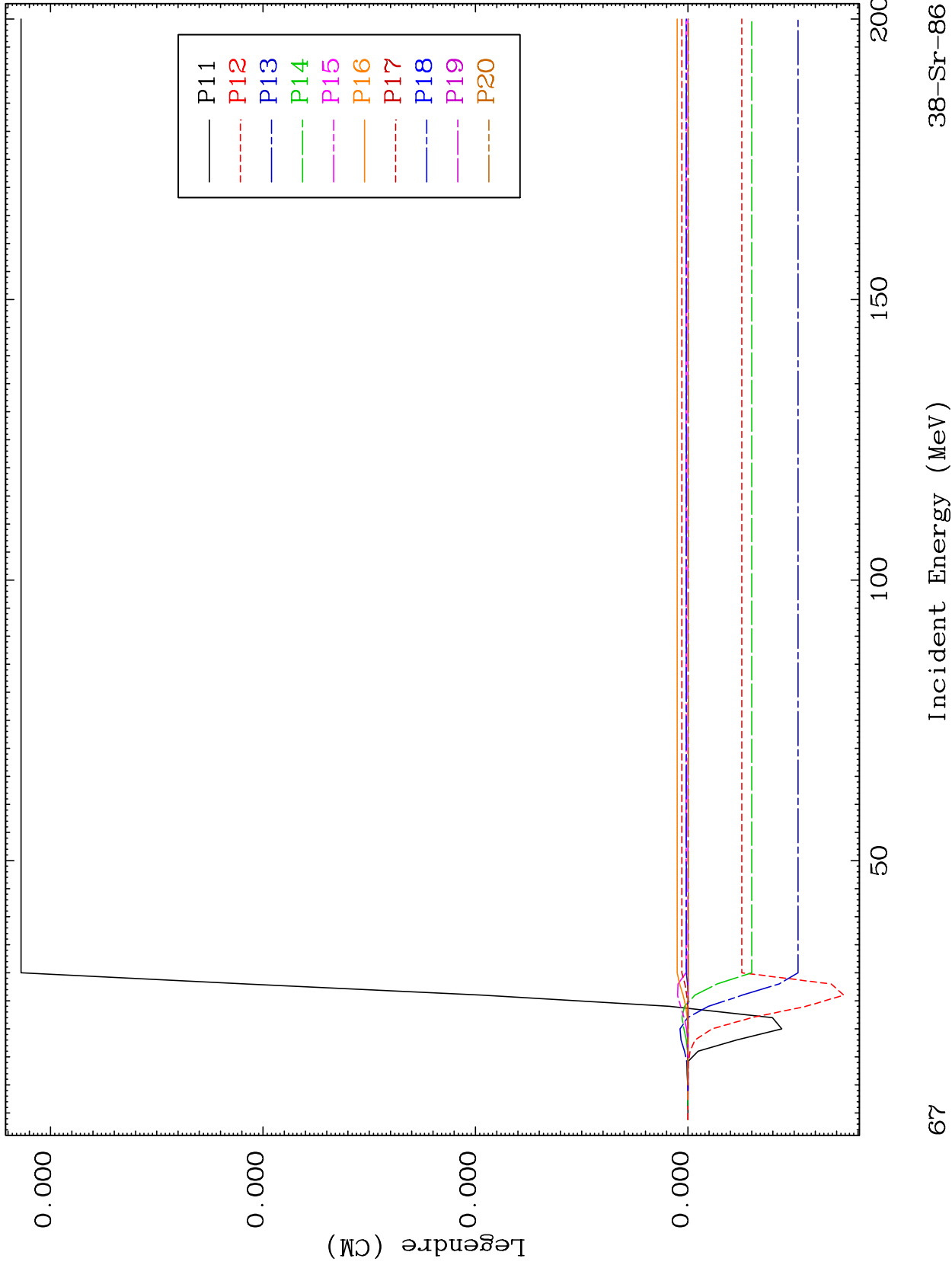
38-Sr-86

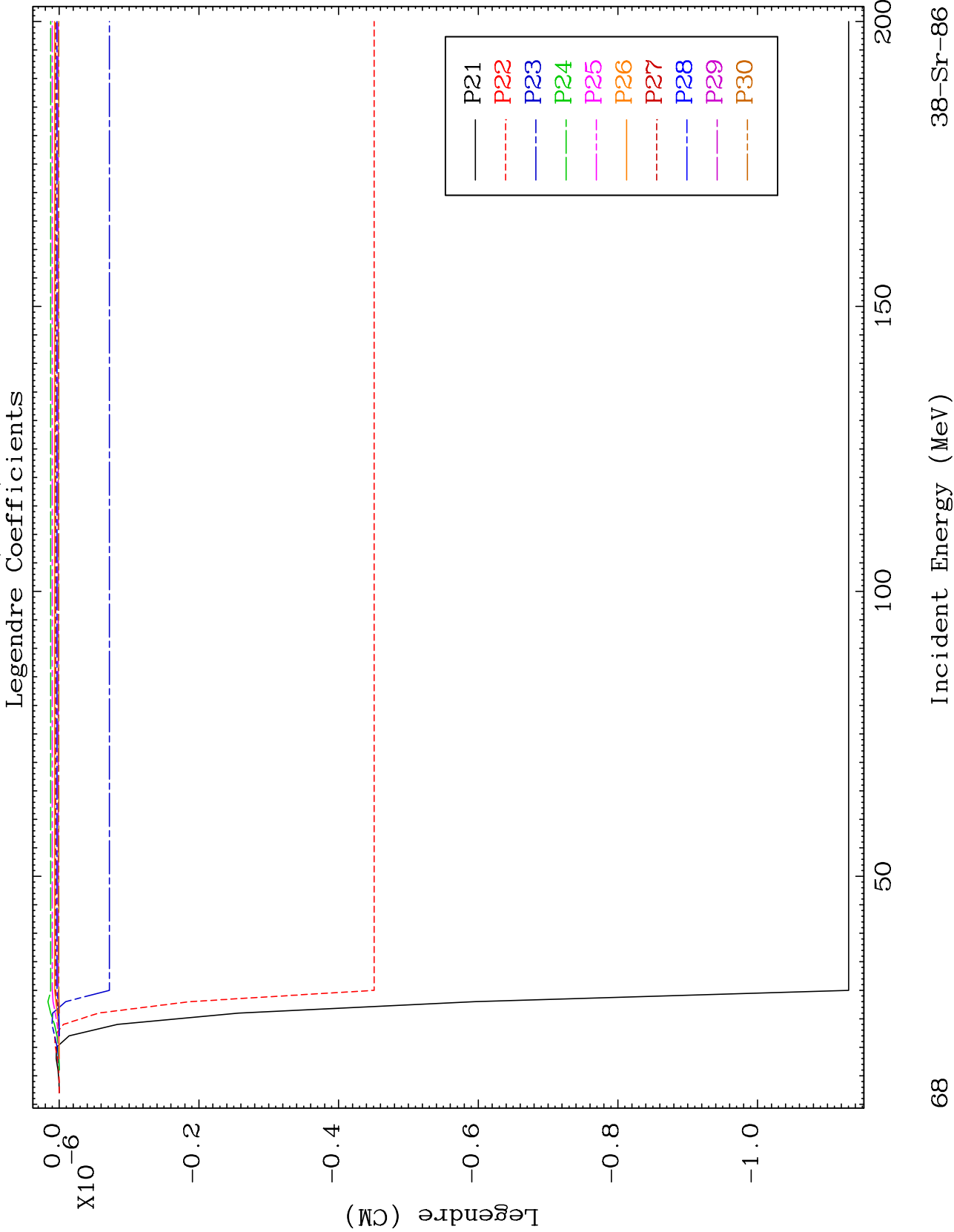


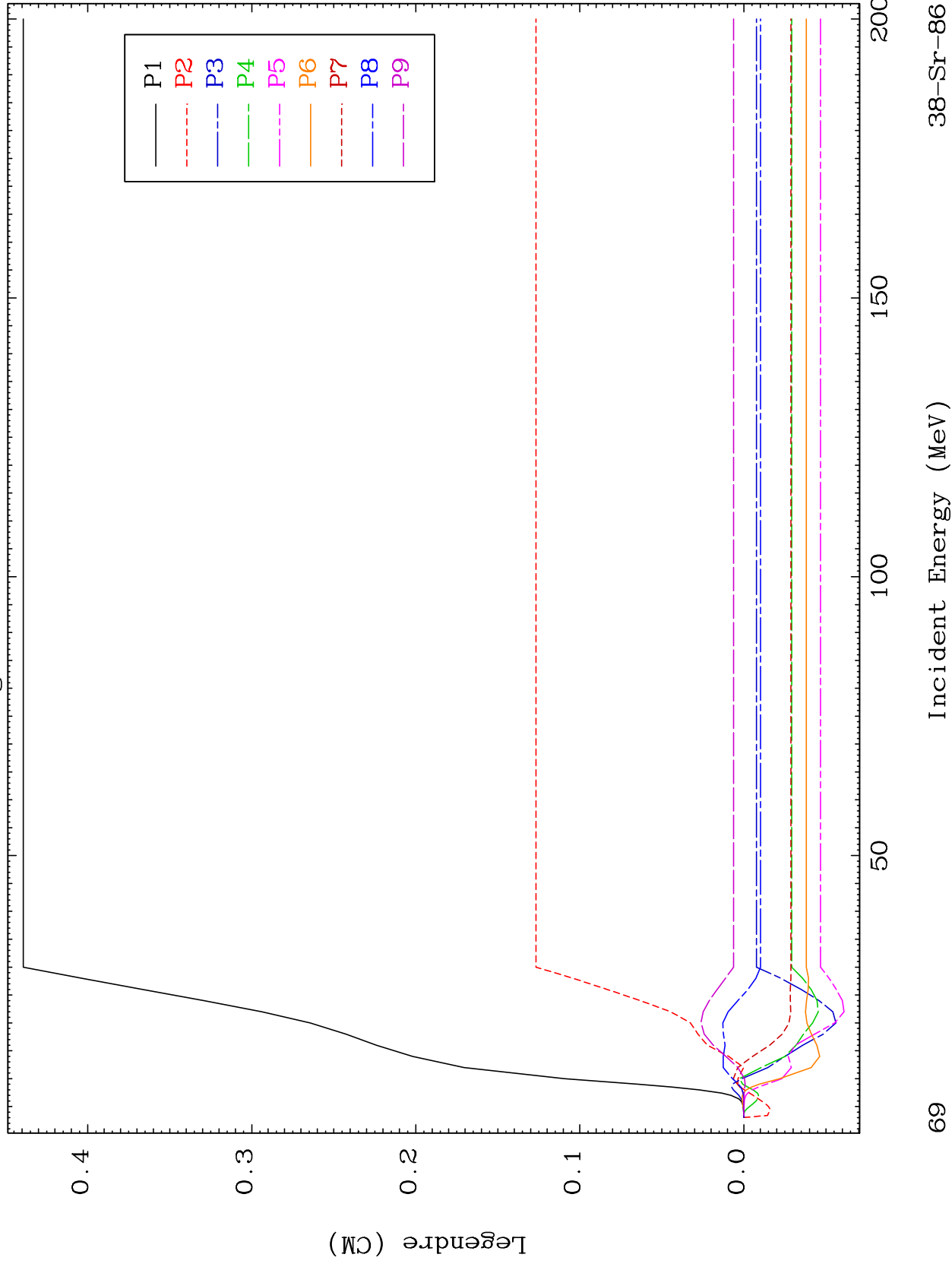
MAT 3831

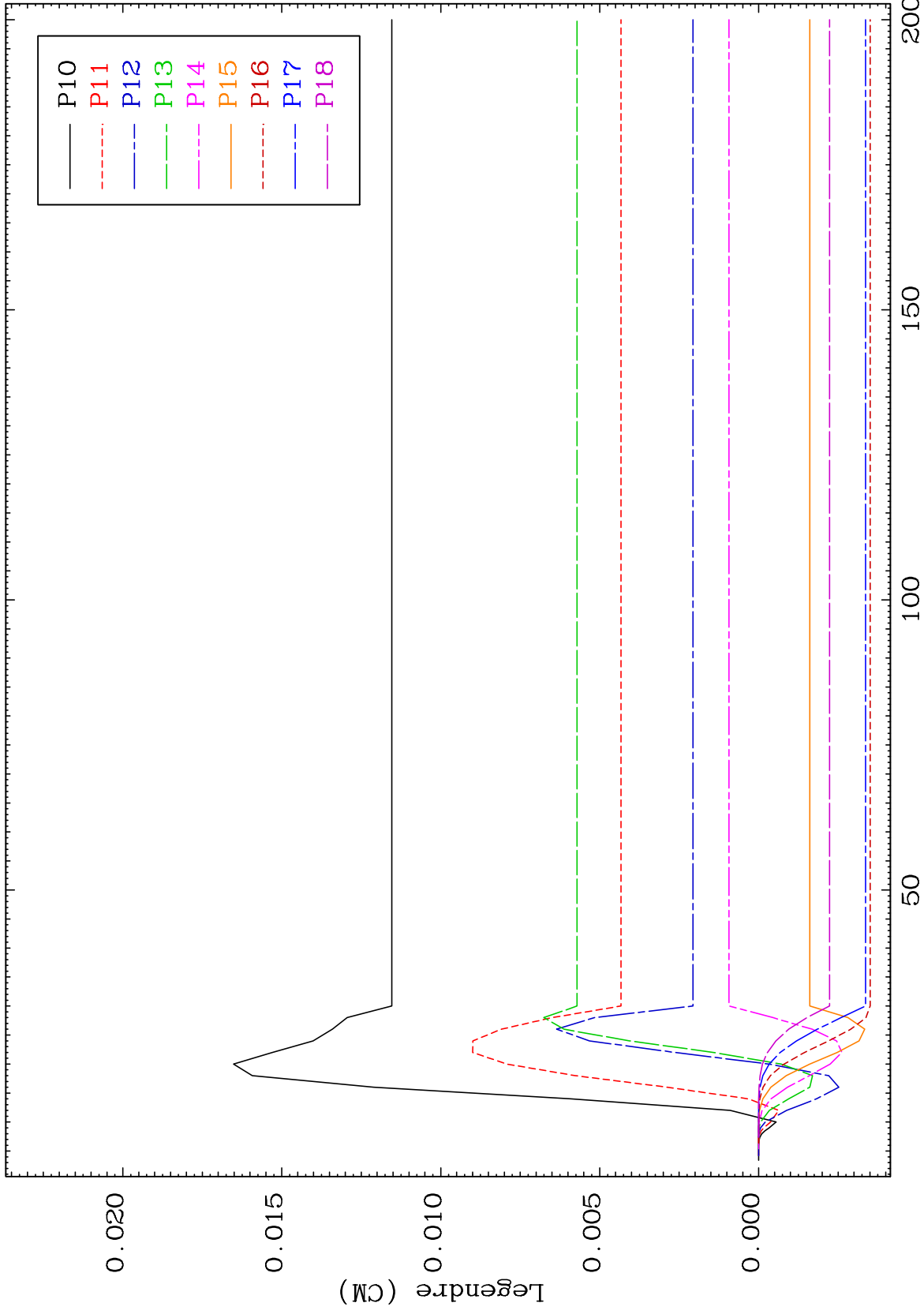
2.956 MeV (n,n') Level
Legendre Coefficients

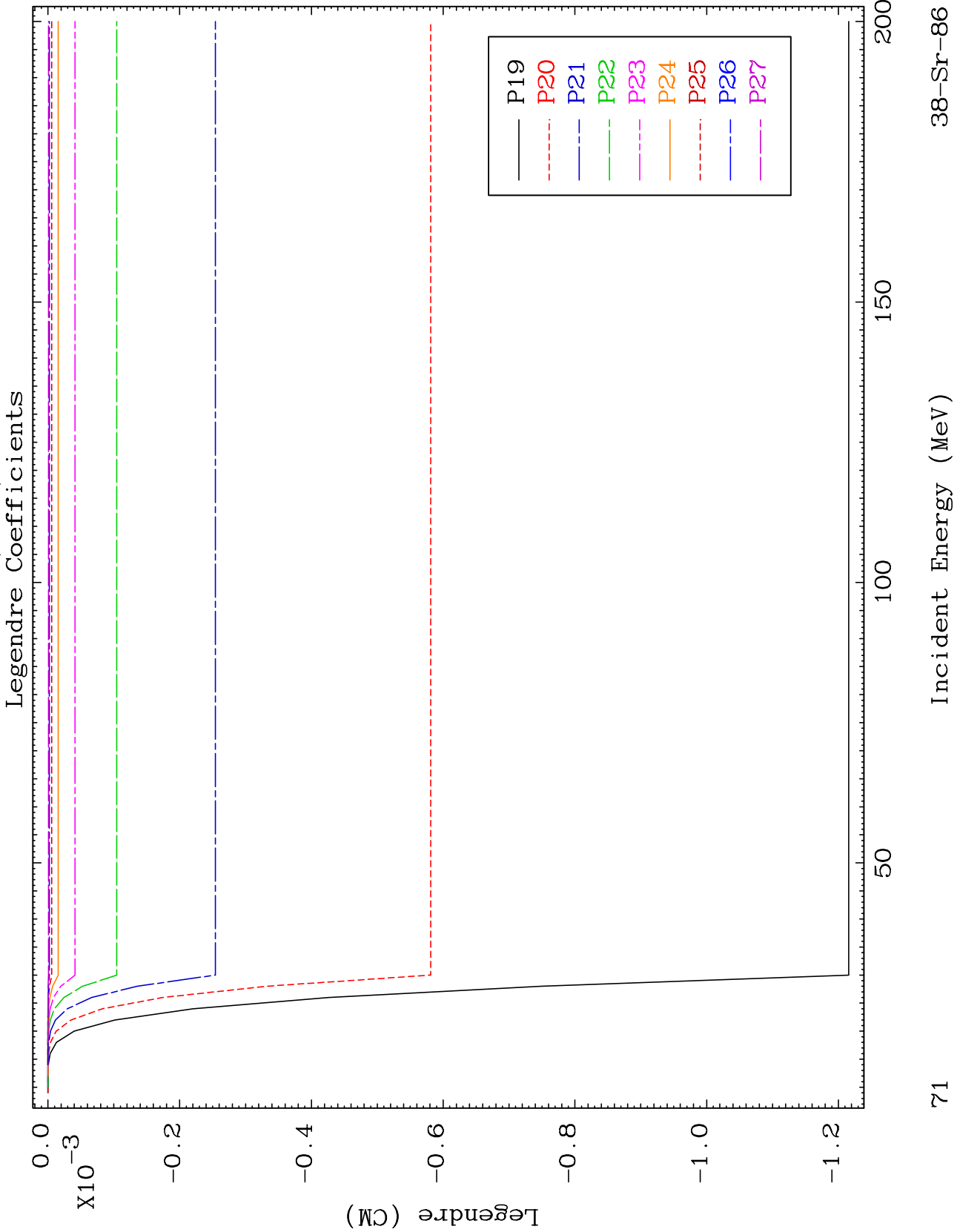
38-Sr-86

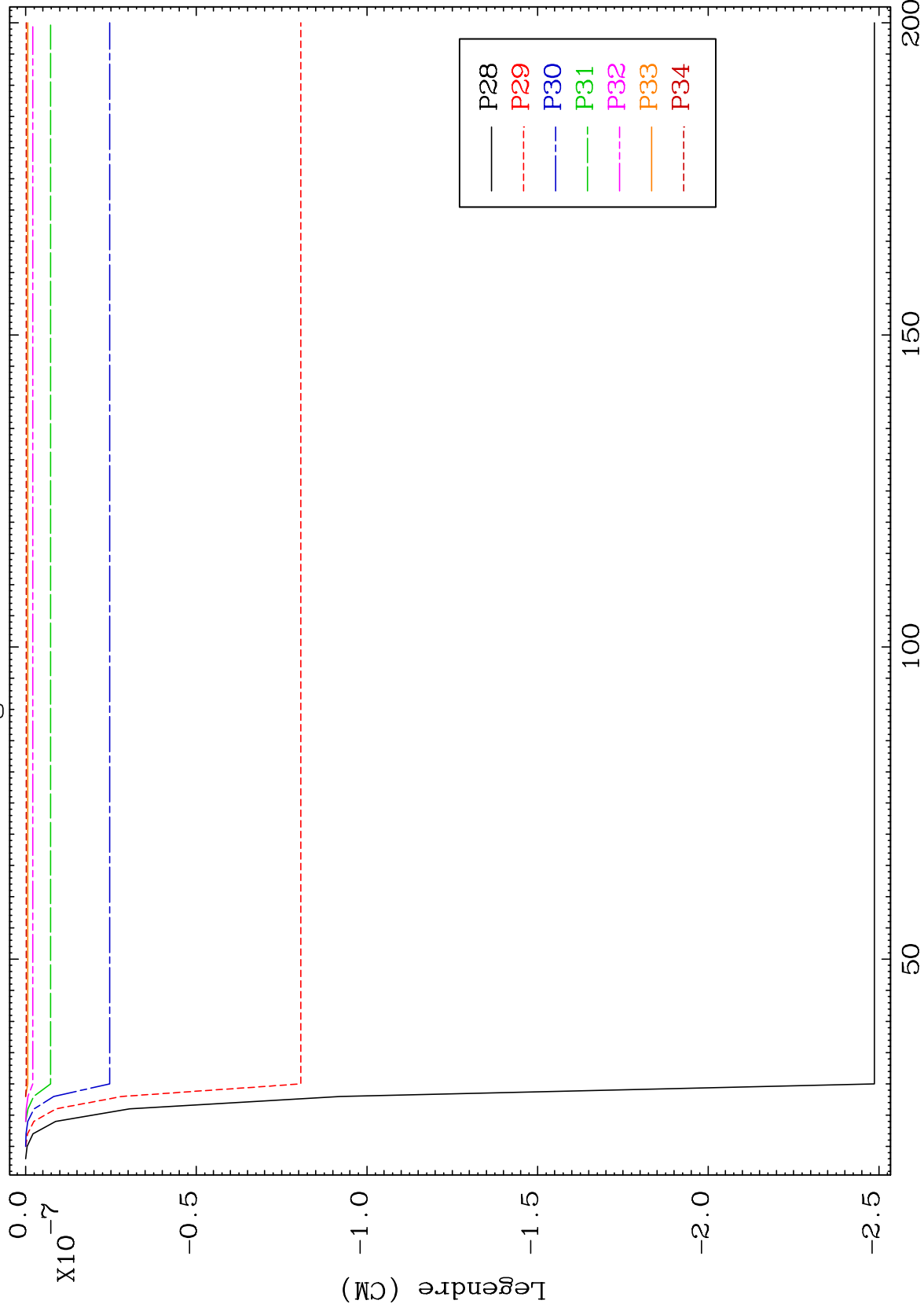


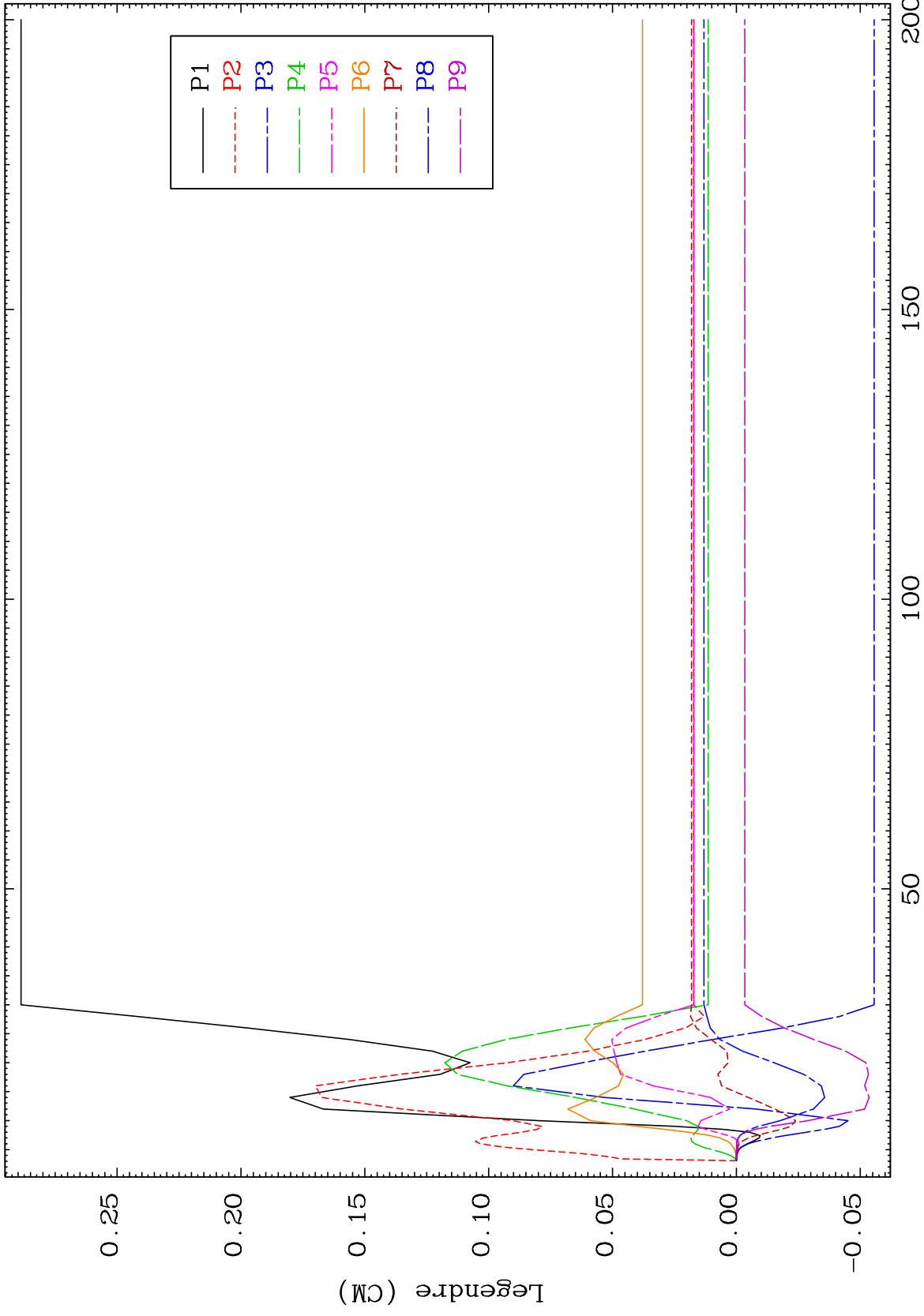


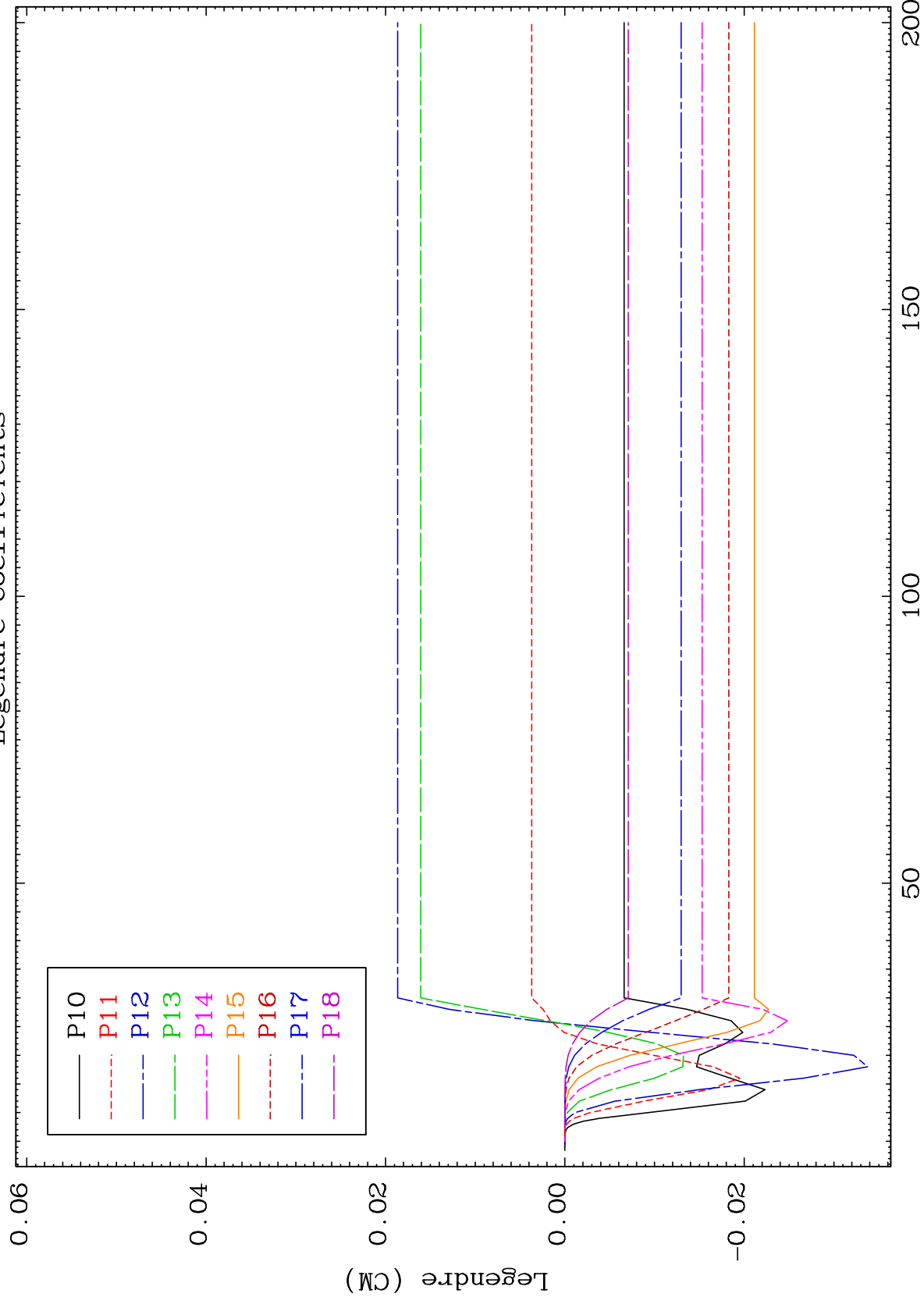


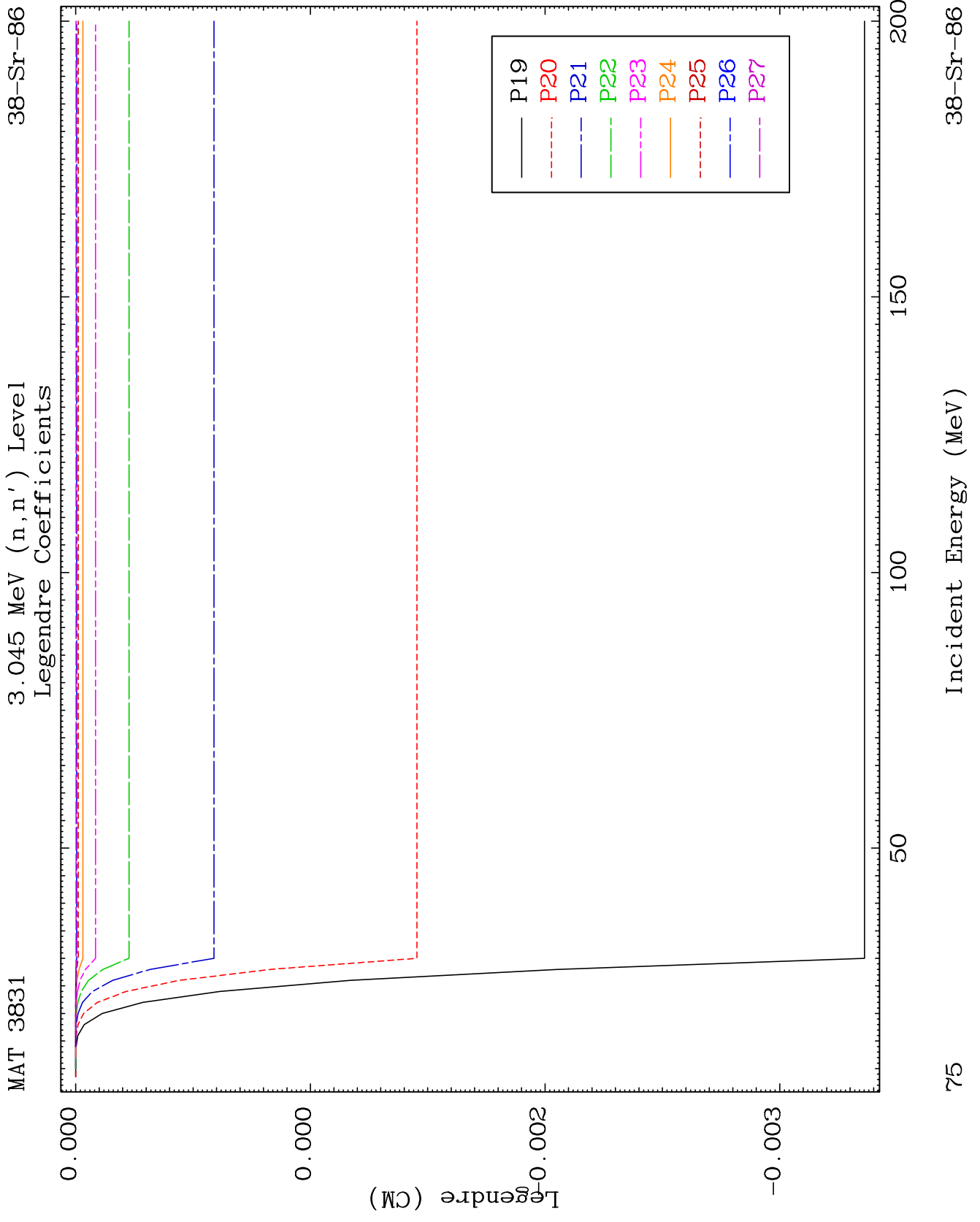


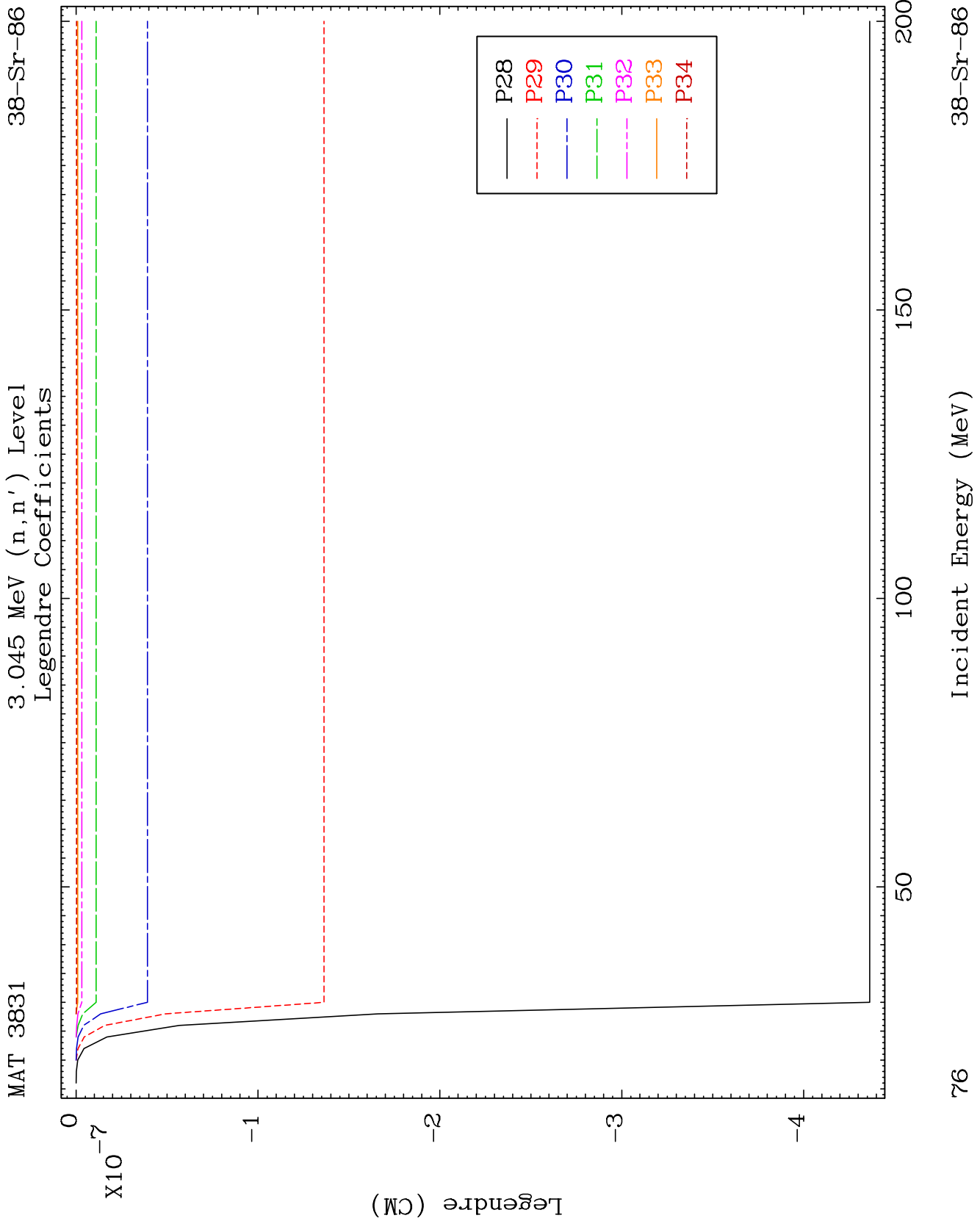


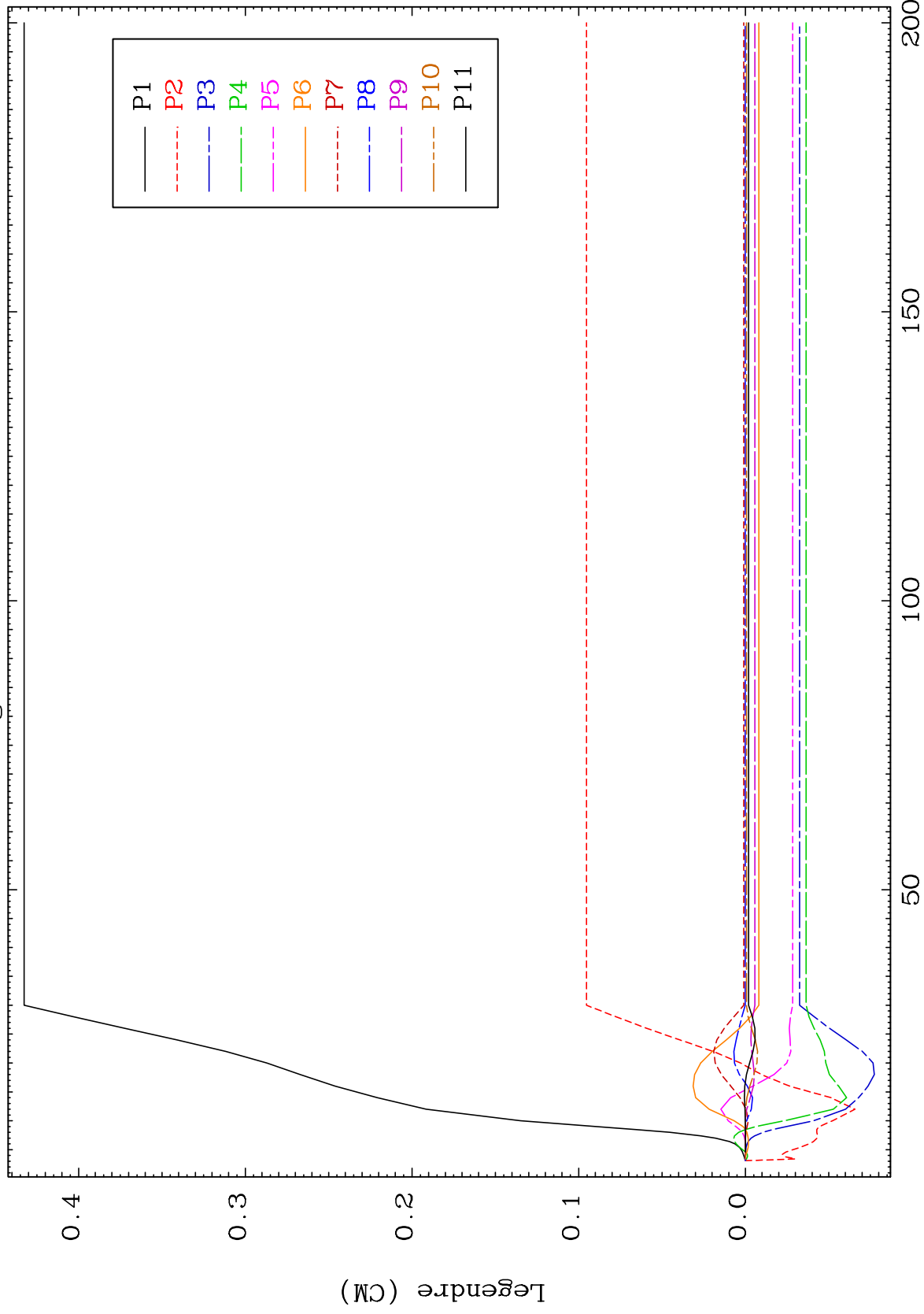








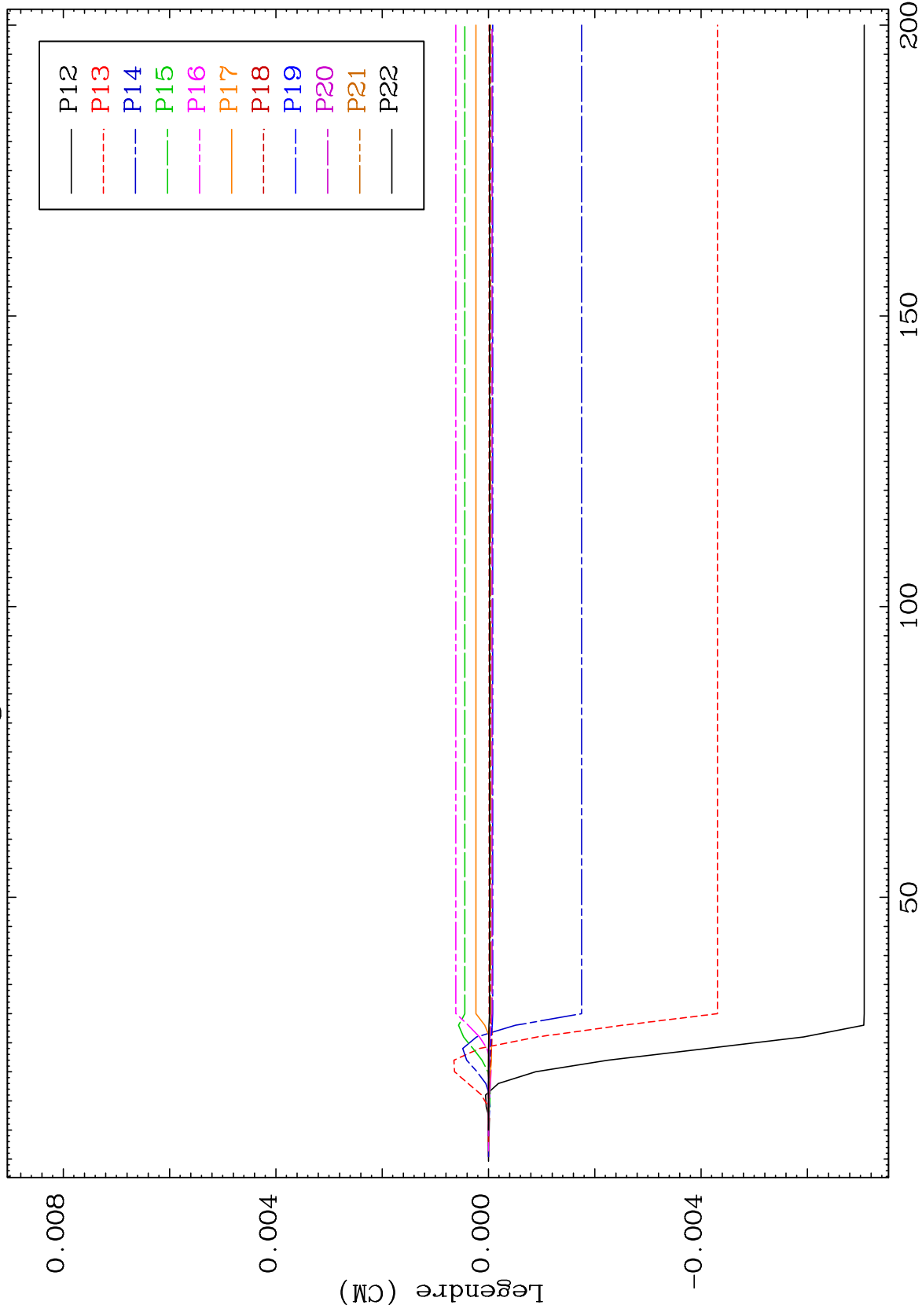




MAT 3831

3.056 MeV (n,n') Level
Legendre Coefficients

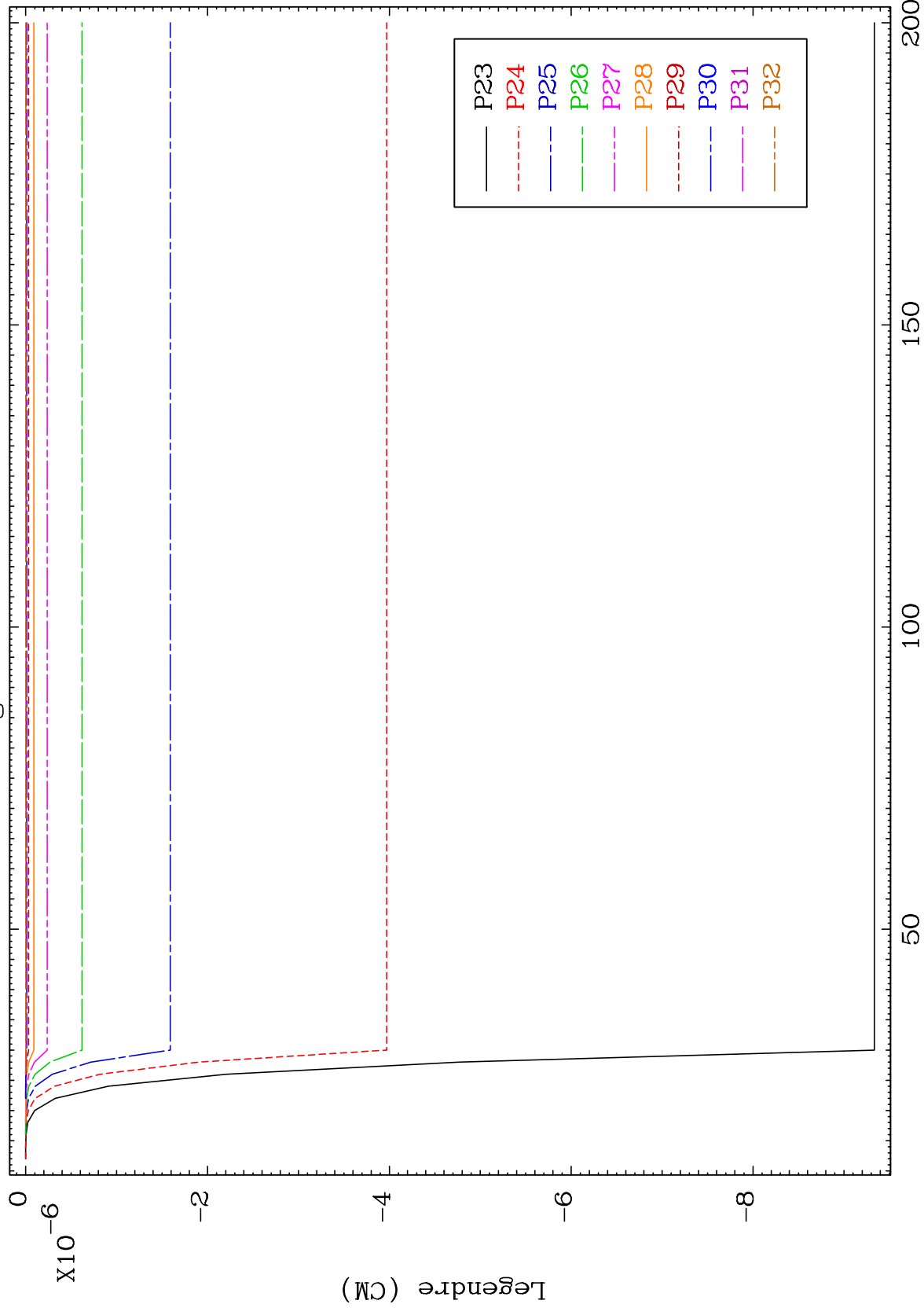
38-Sr-86

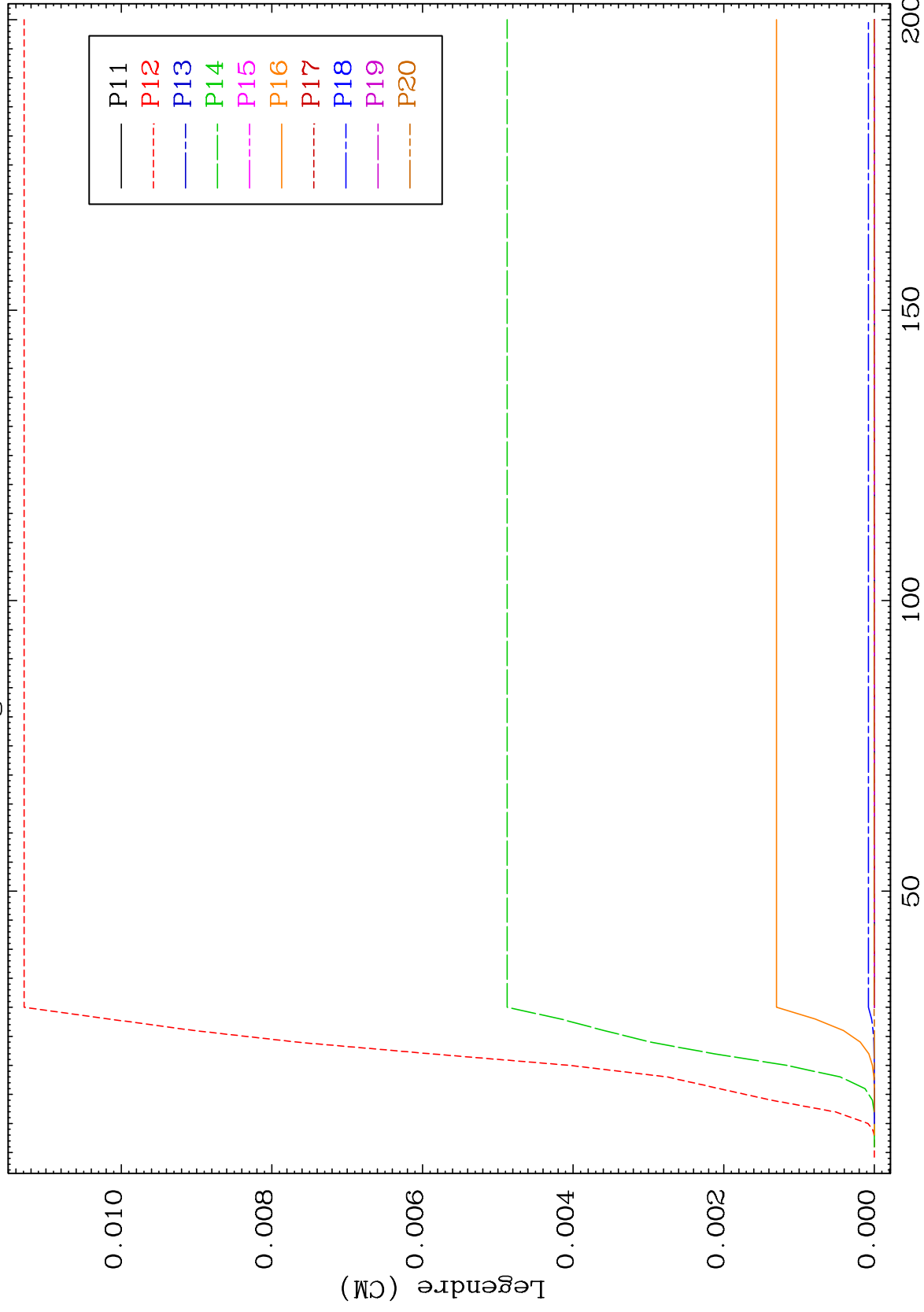


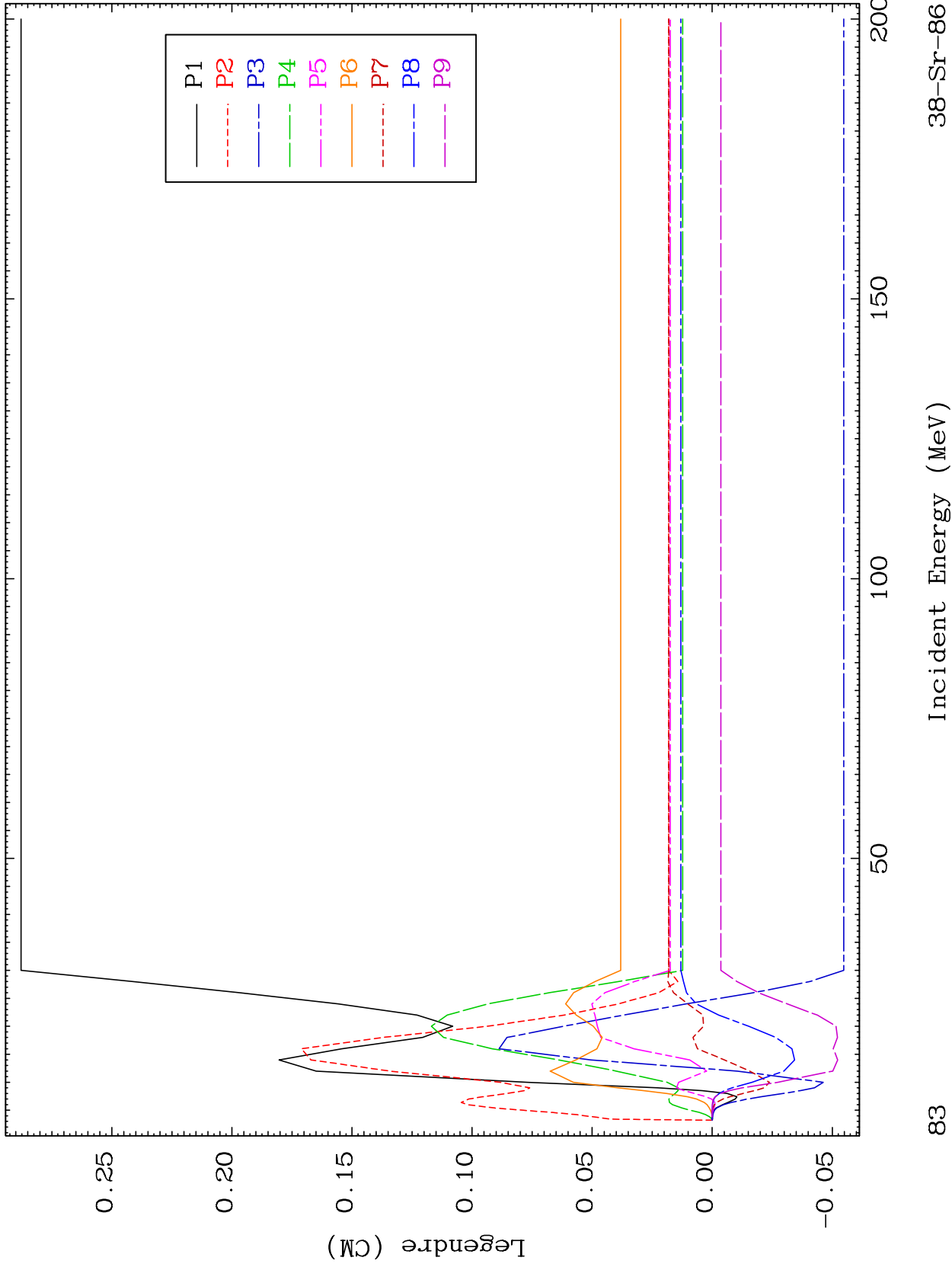
78

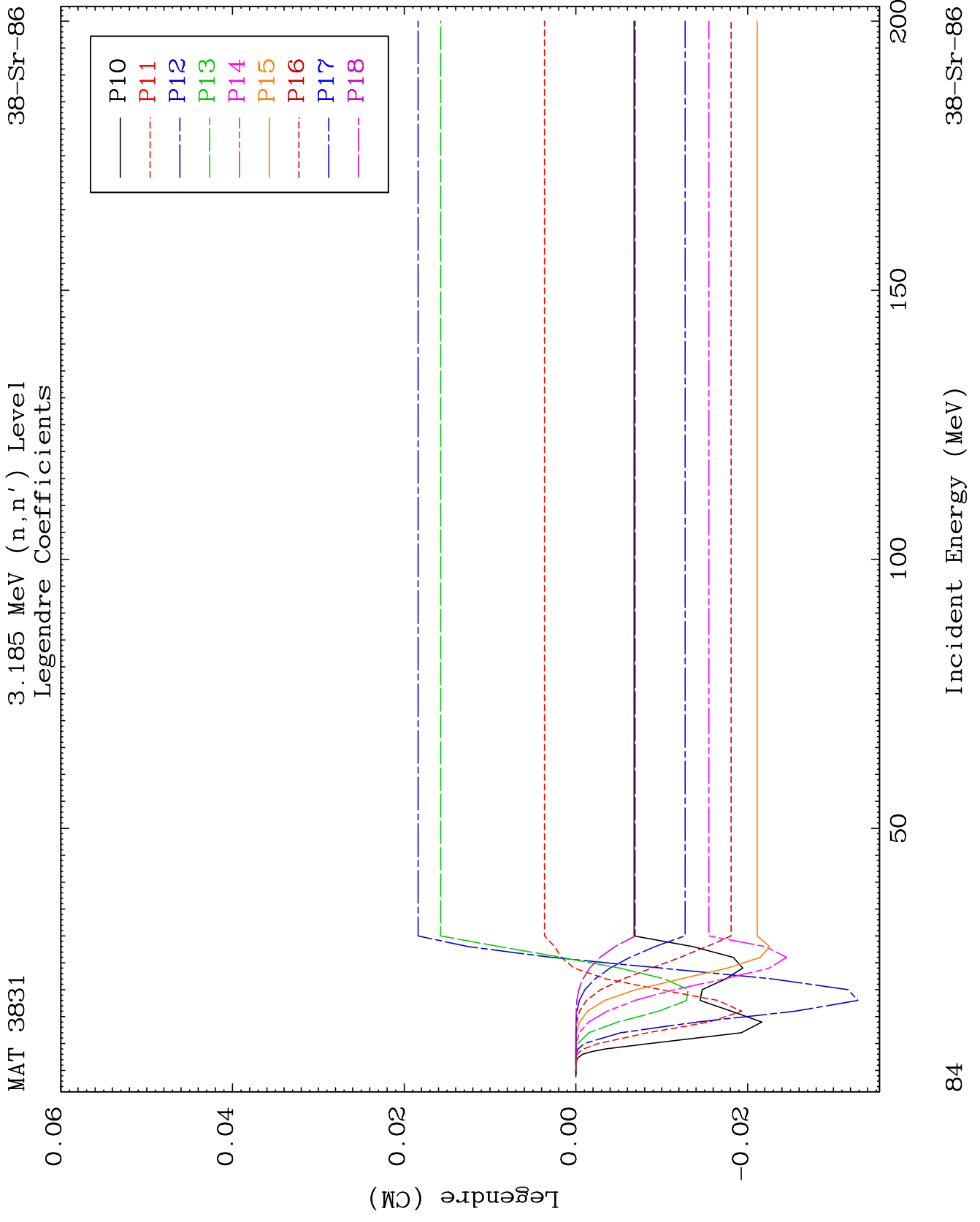
Incident Energy (MeV)

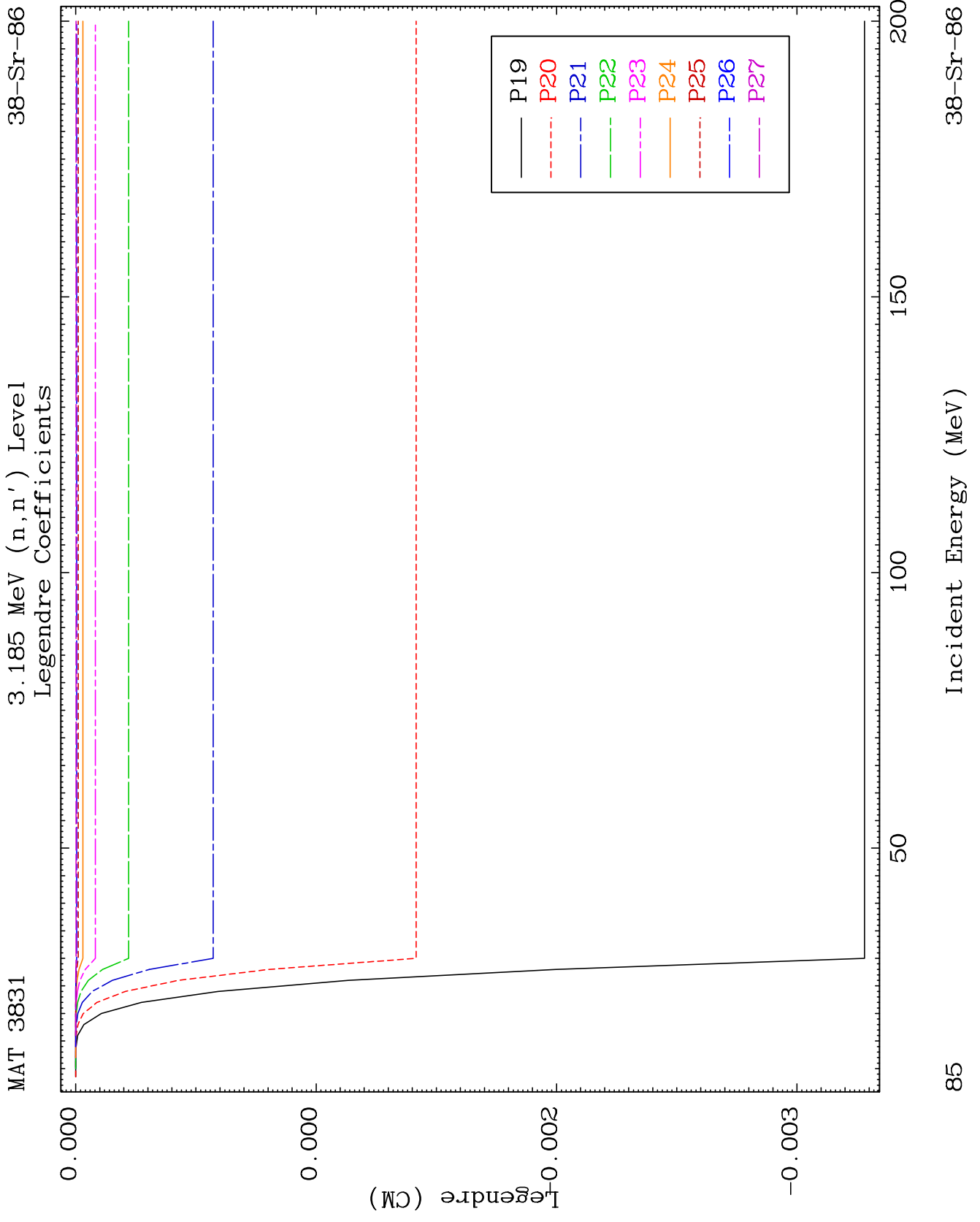
38-Sr-86

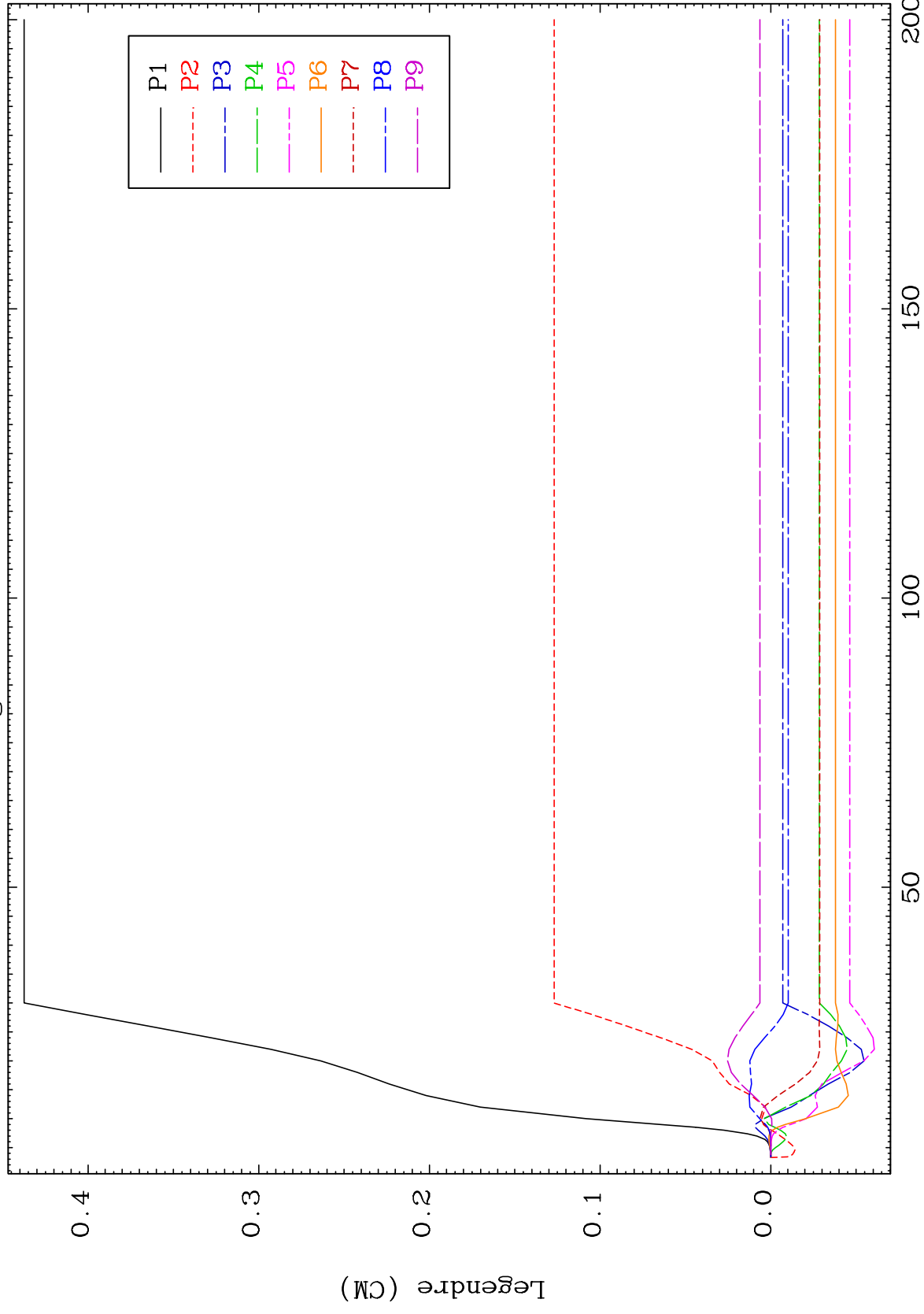


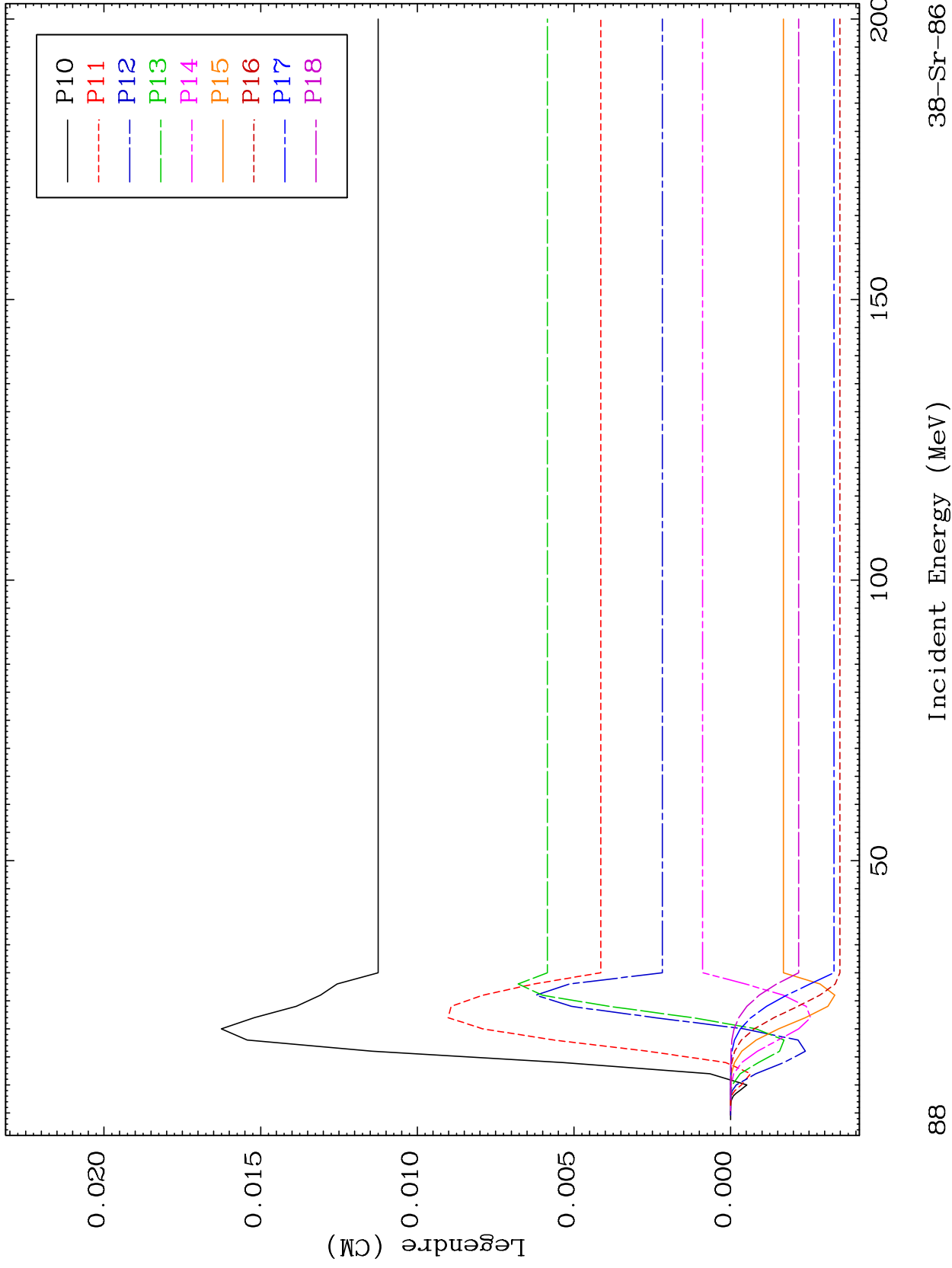


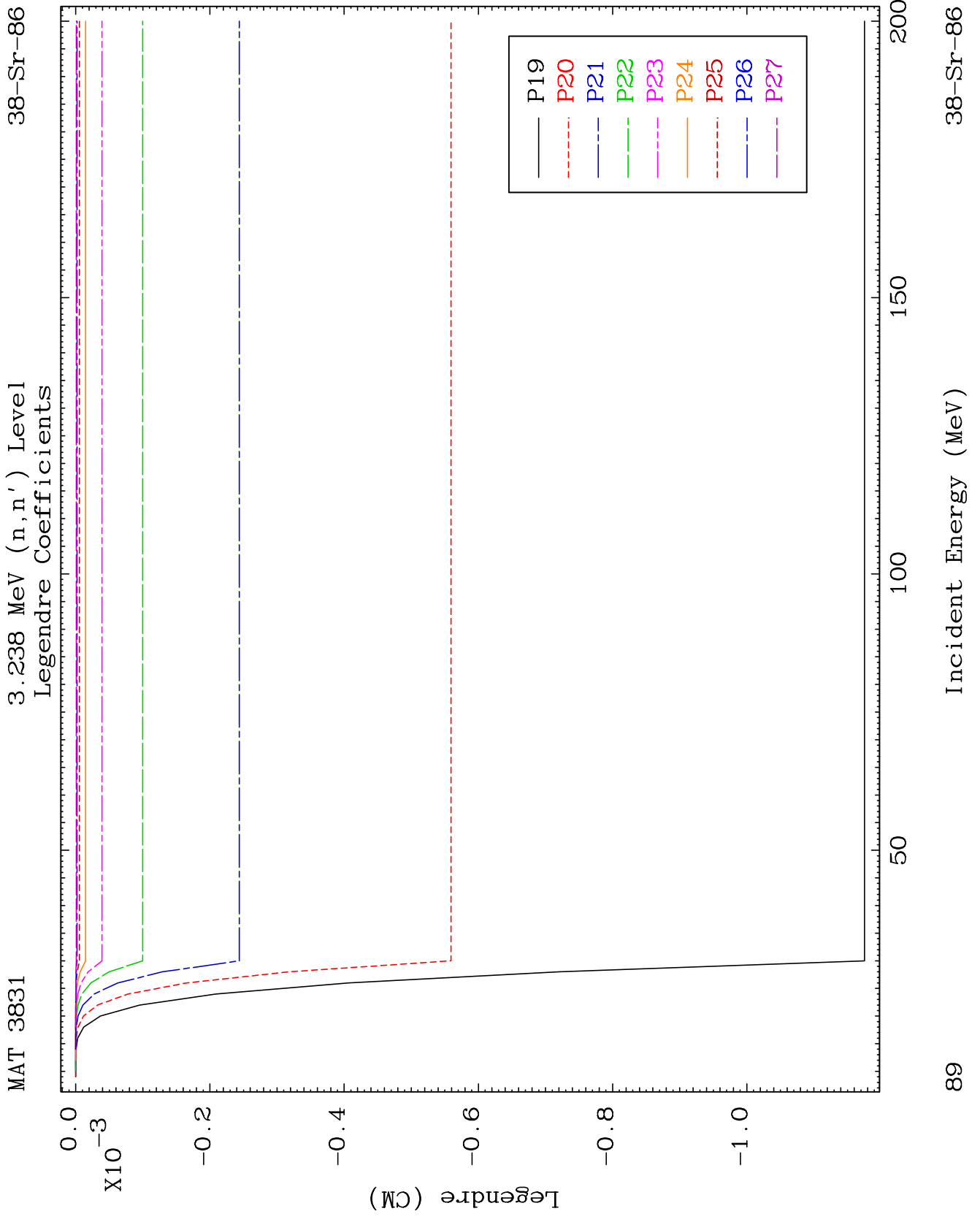


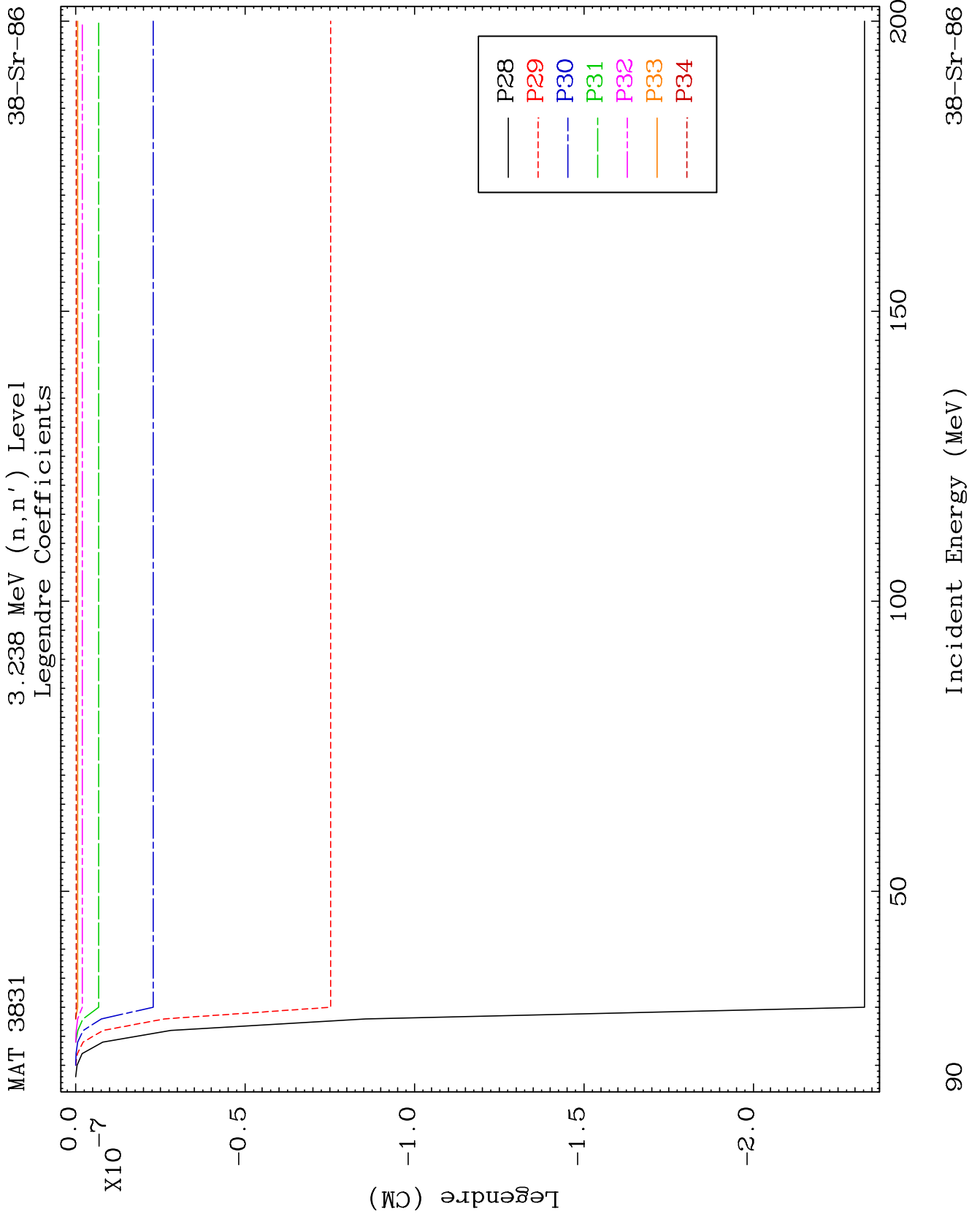


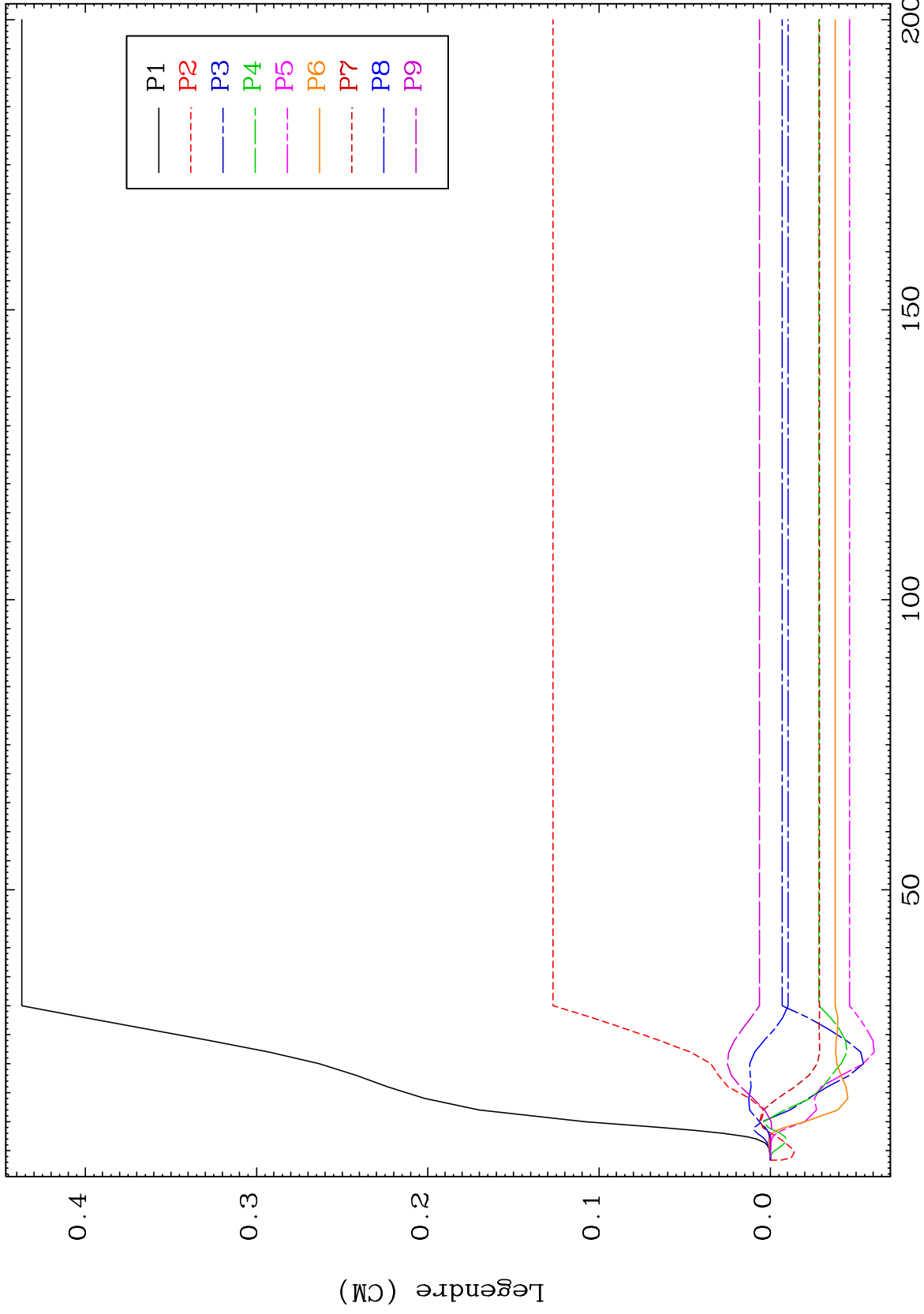


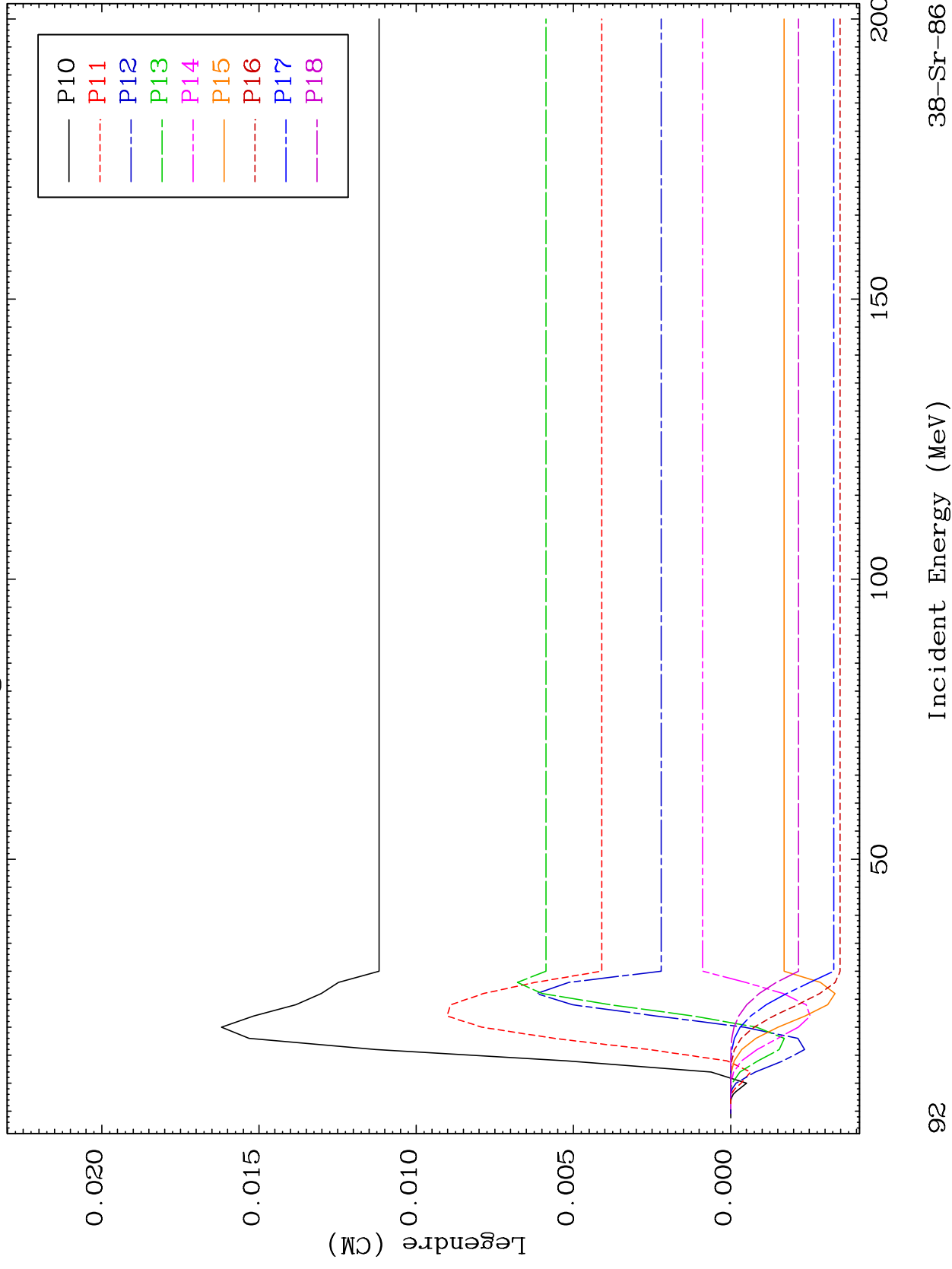


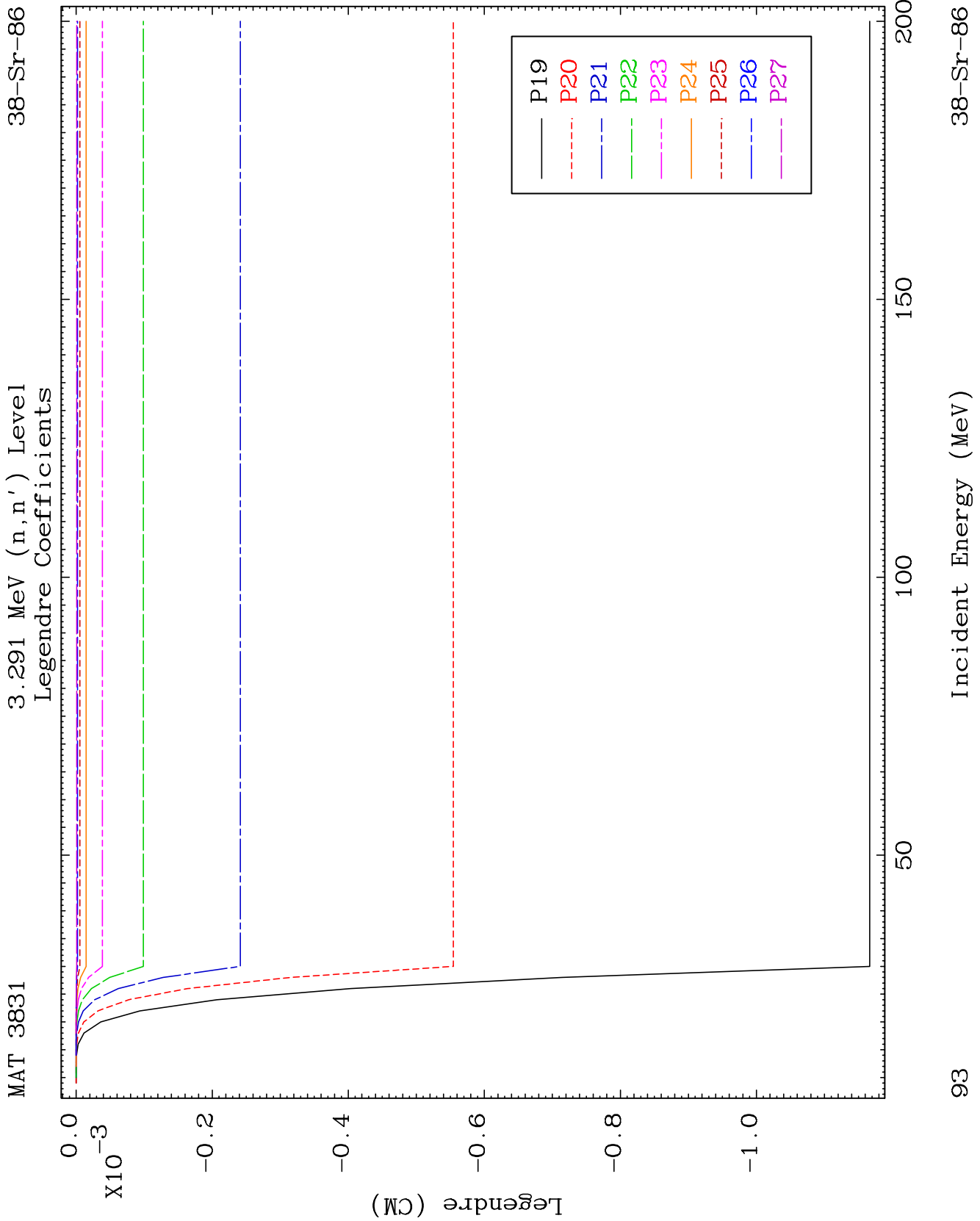


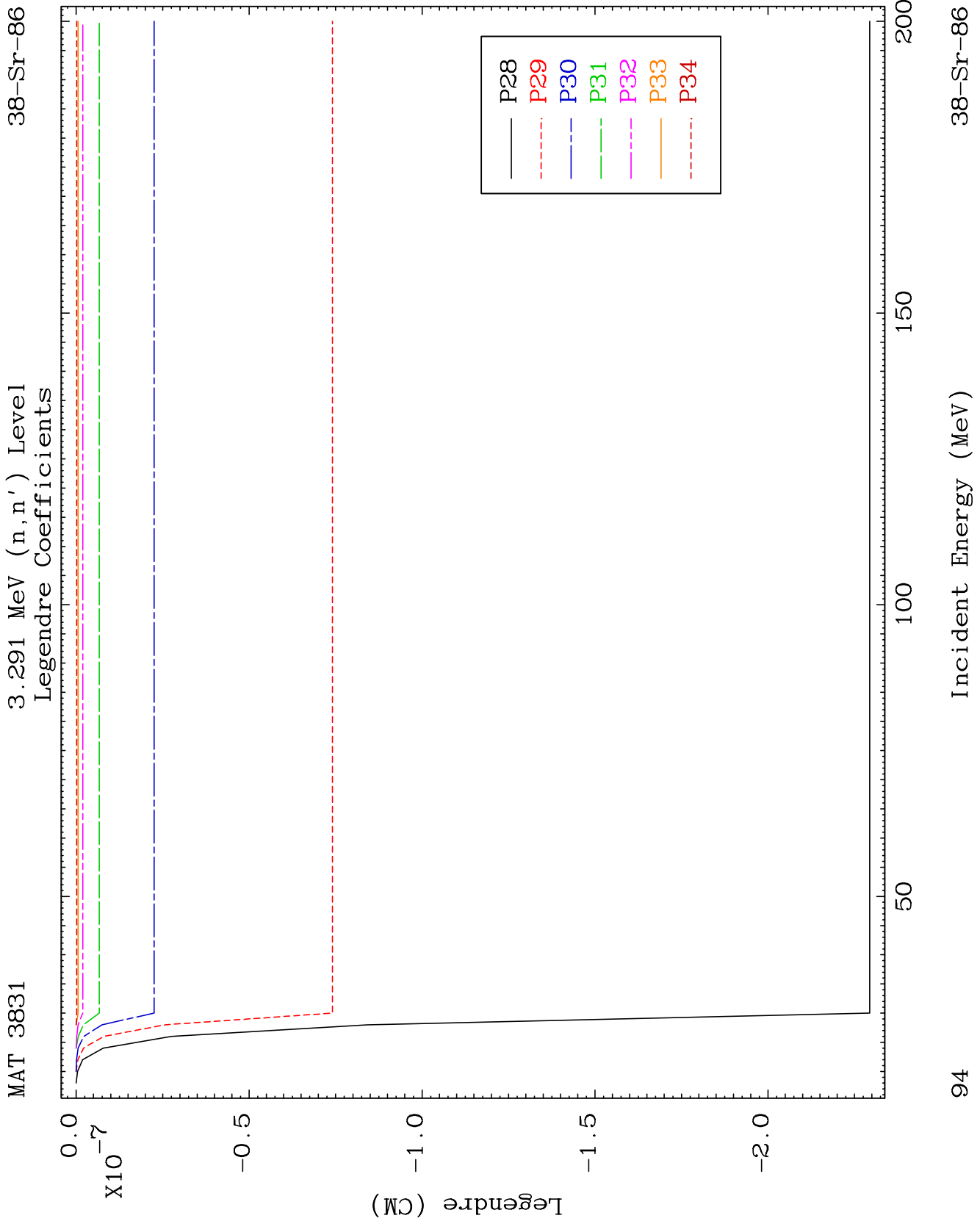








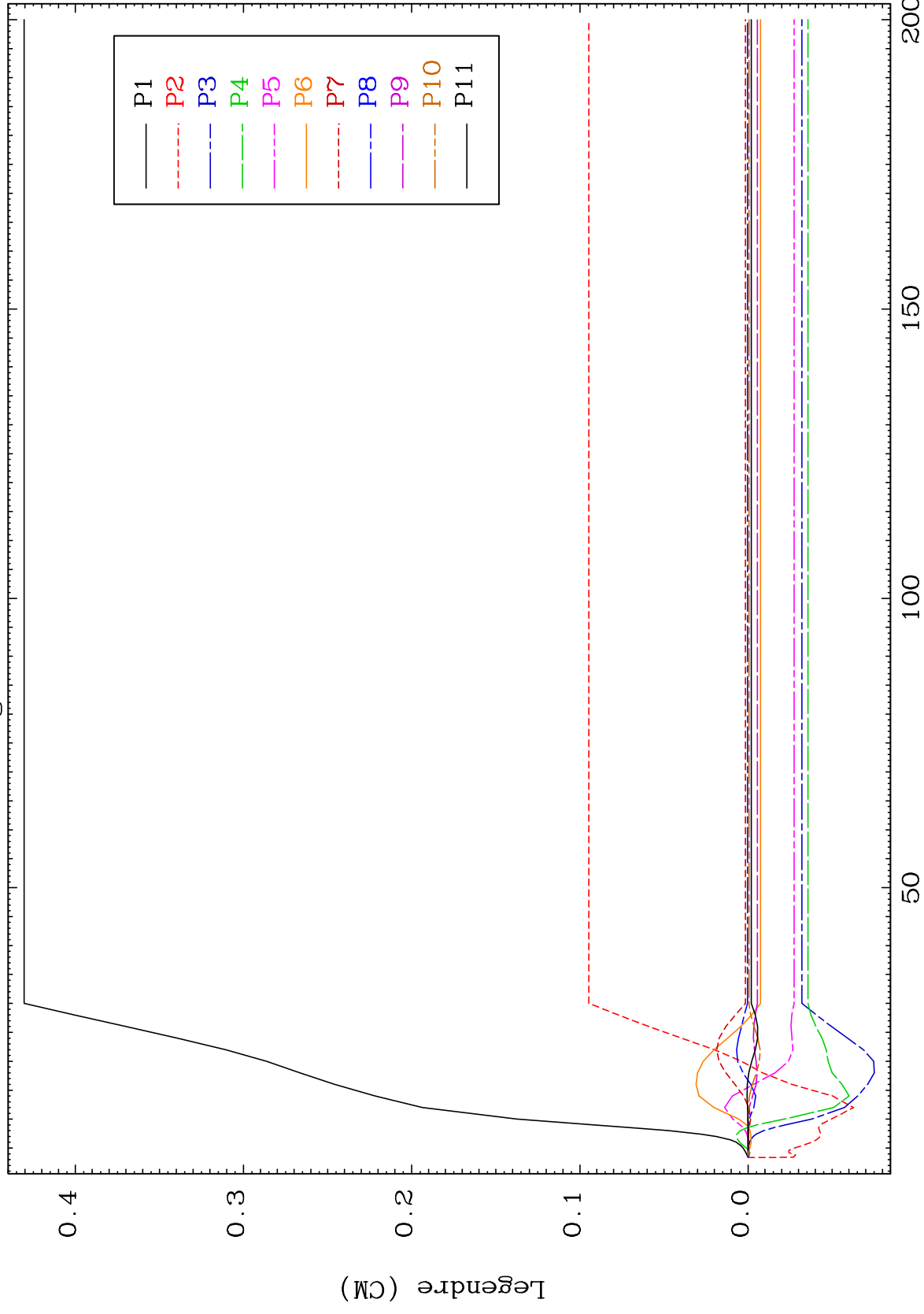




MAT 3831

3.318 MeV (n,n') Level
Legendre Coefficients

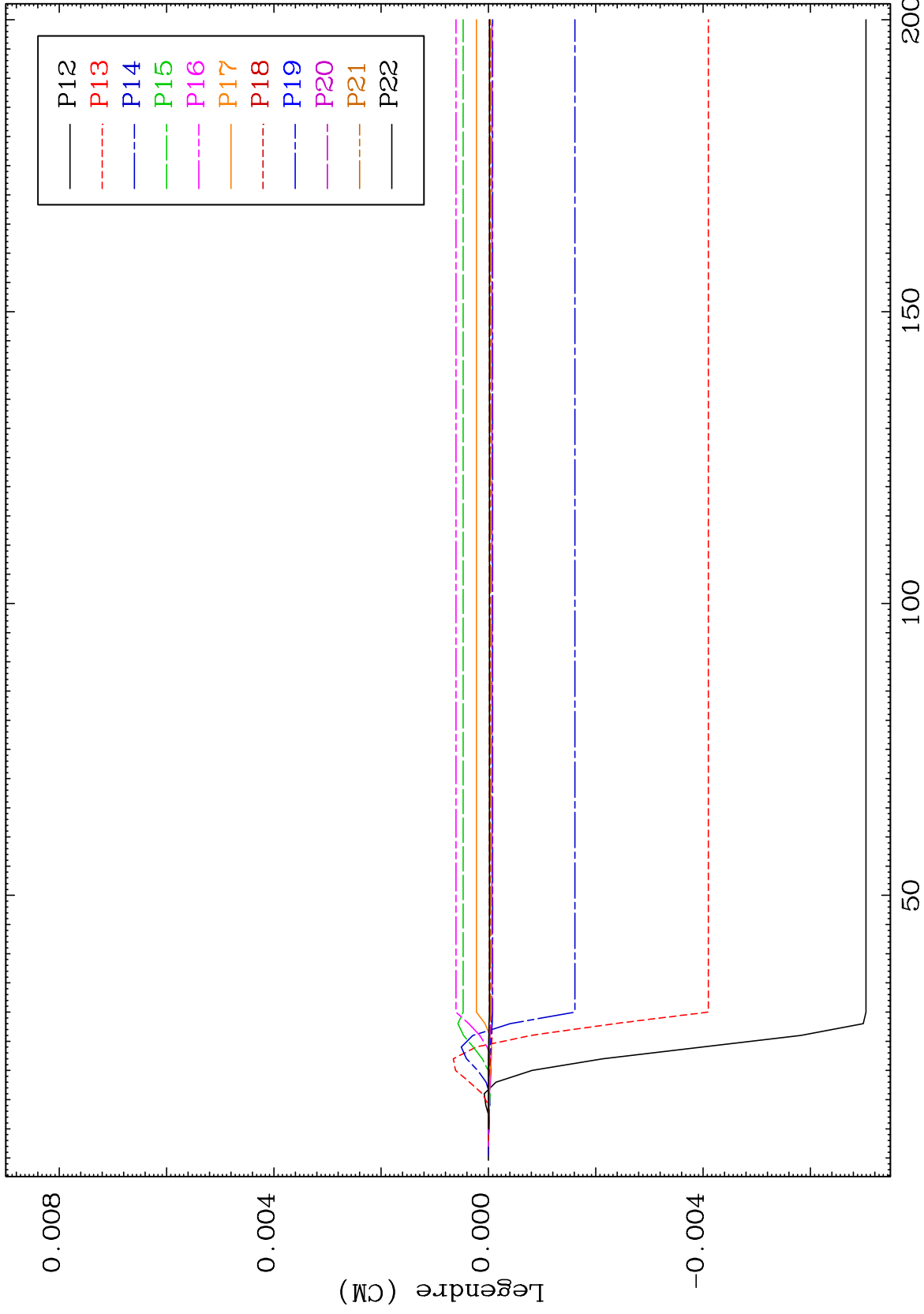
38-Sr-86

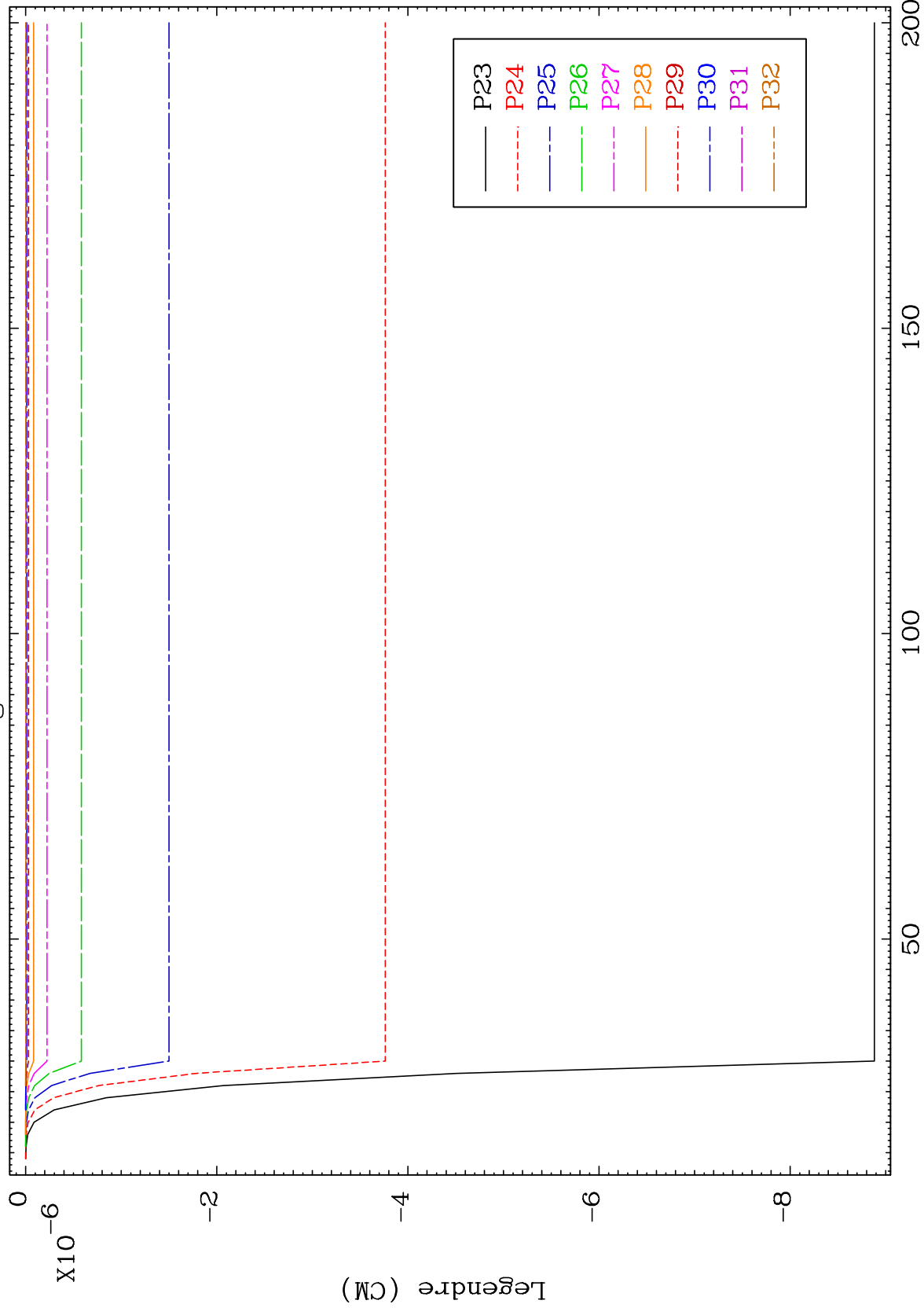


95

Incident Energy (MeV)

38-Sr-86

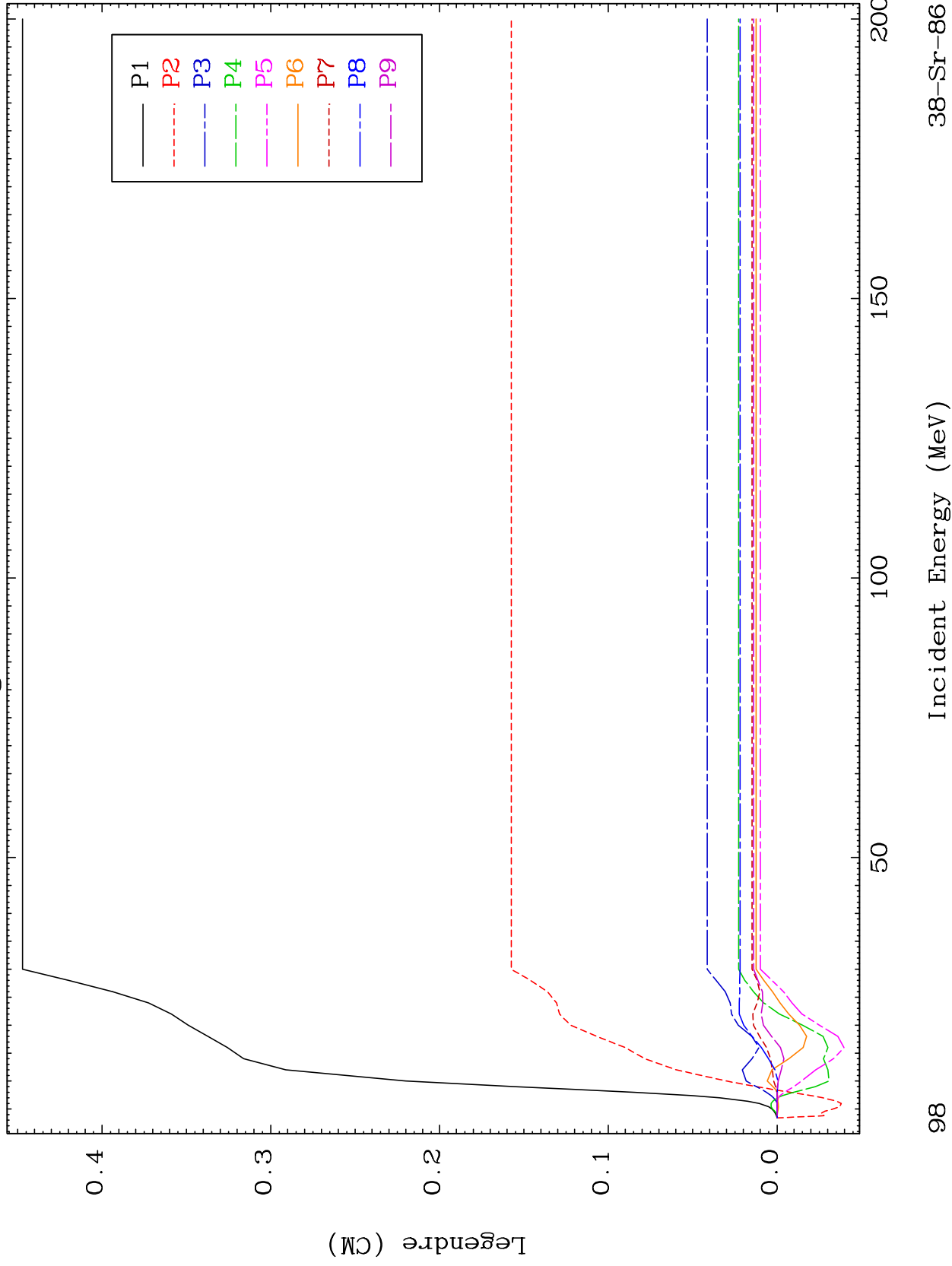




MAT 3831

3.362 MeV (n,n') Level
Legendre Coefficients

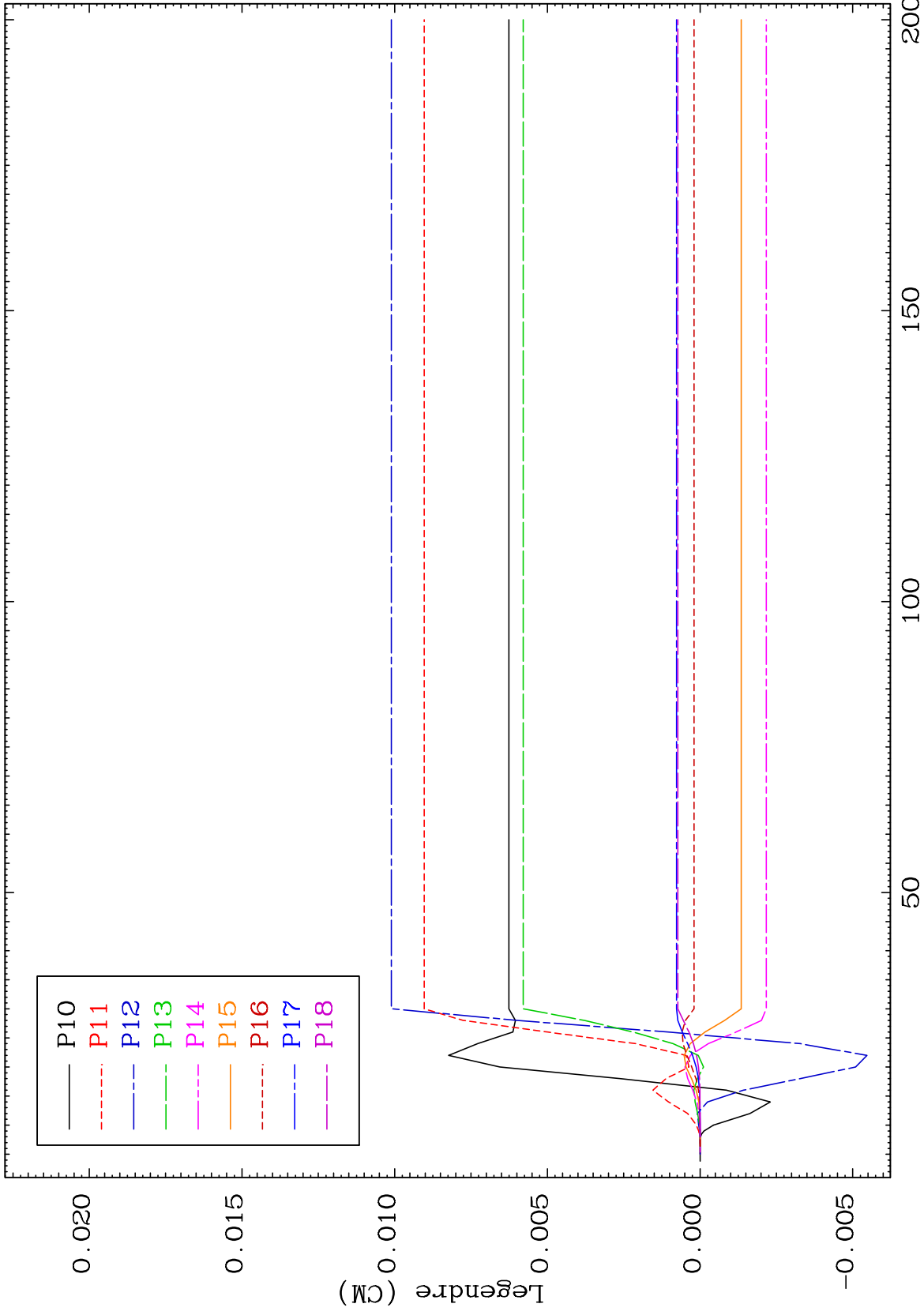
³⁸Sr-86



98

Incident Energy (MeV)

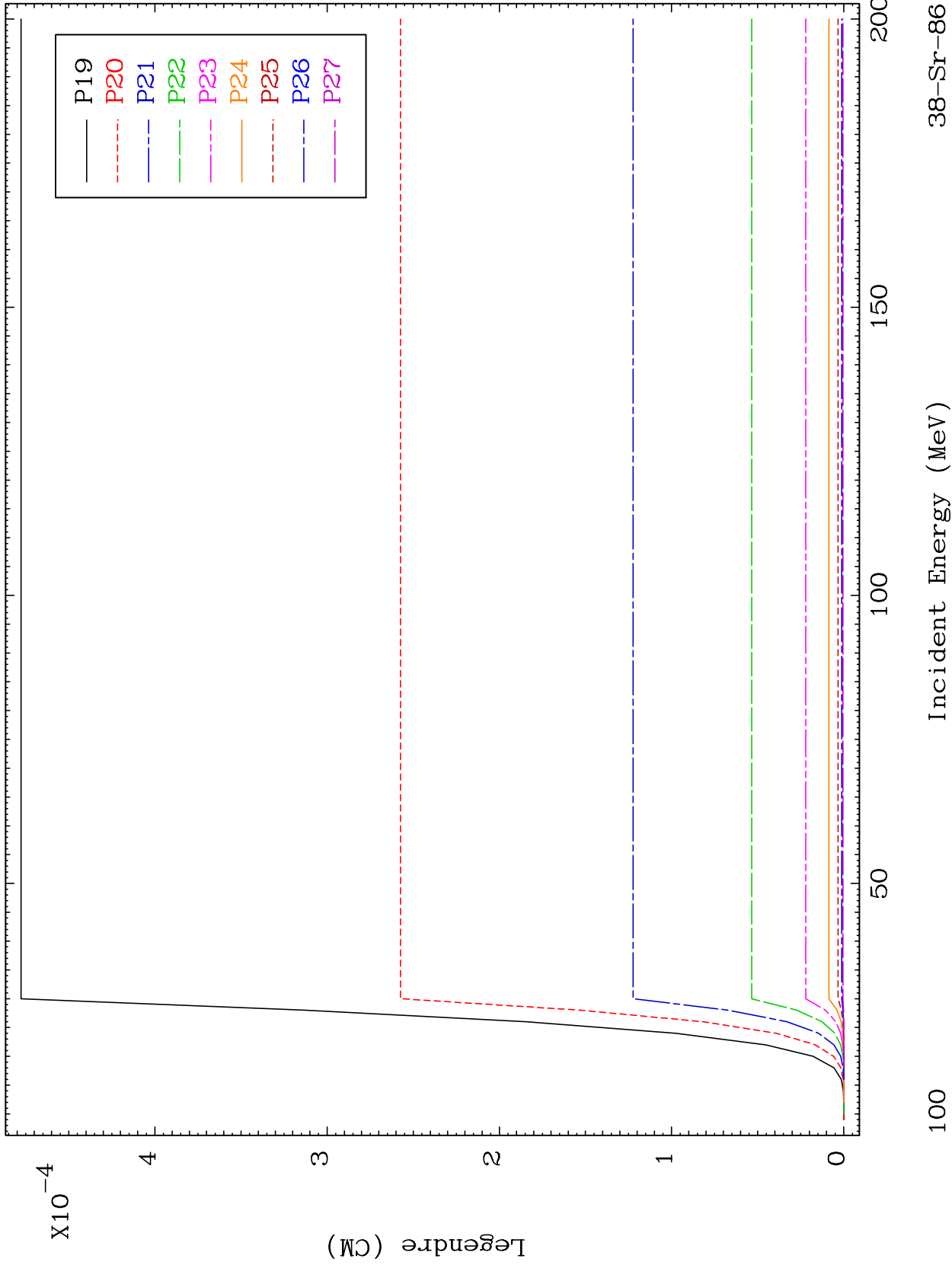
³⁸Sr-86



MAT 3831

3.362 MeV (n,n') Level
Legendre Coefficients

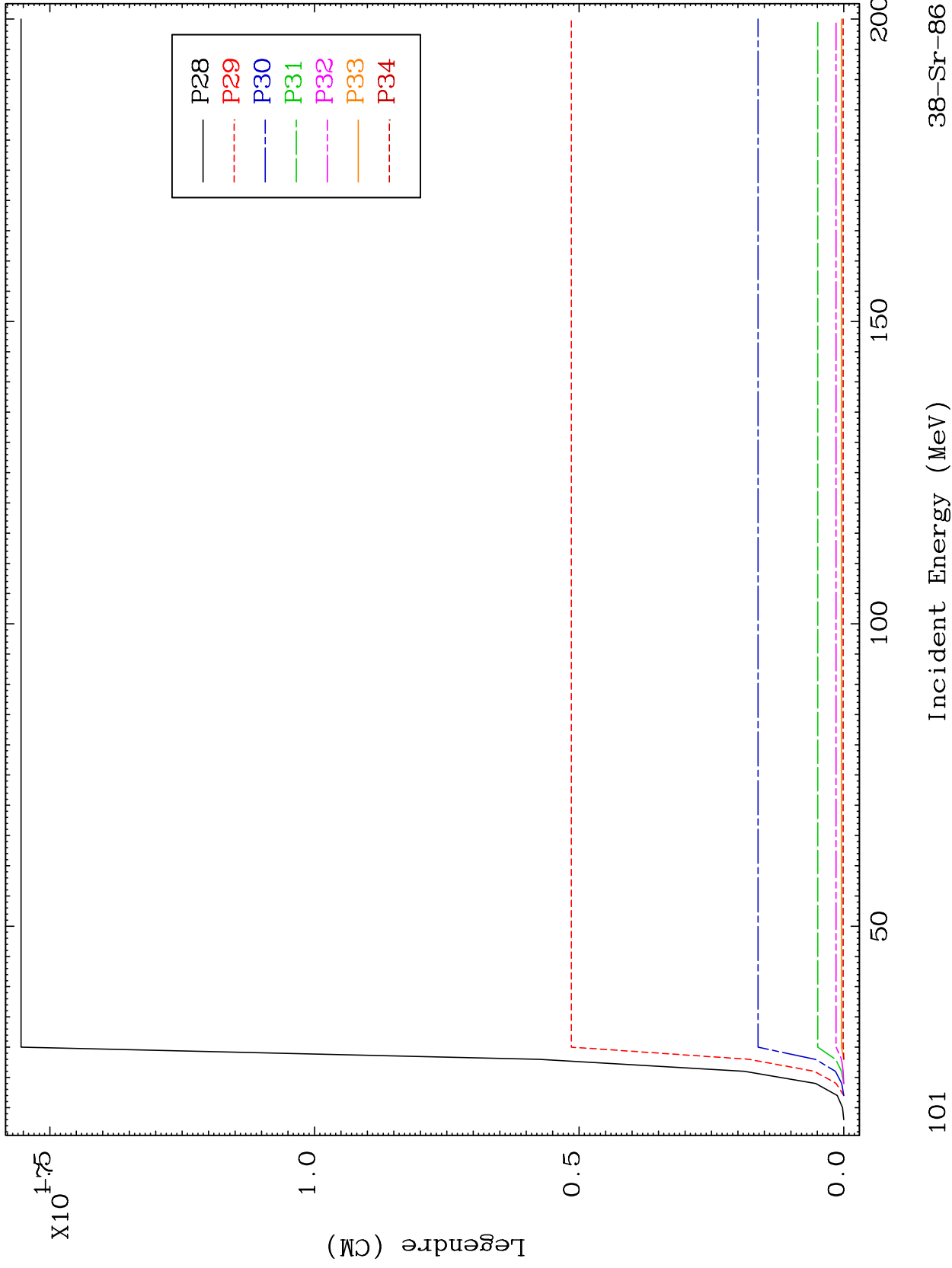
38-Sr-86



MAT 3831

3.362 MeV (n, n') Level
Legendre Coefficients

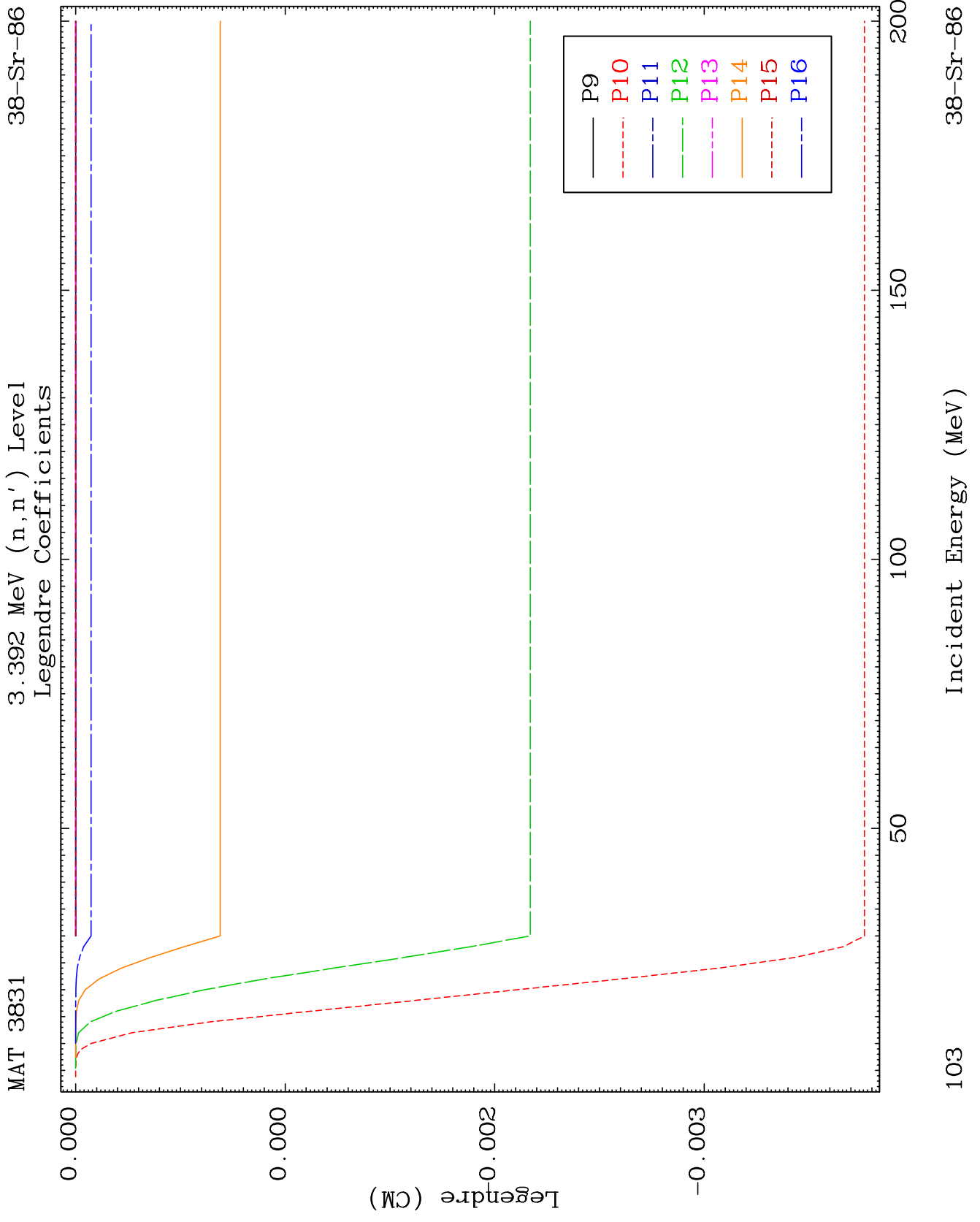
38-Sr-86

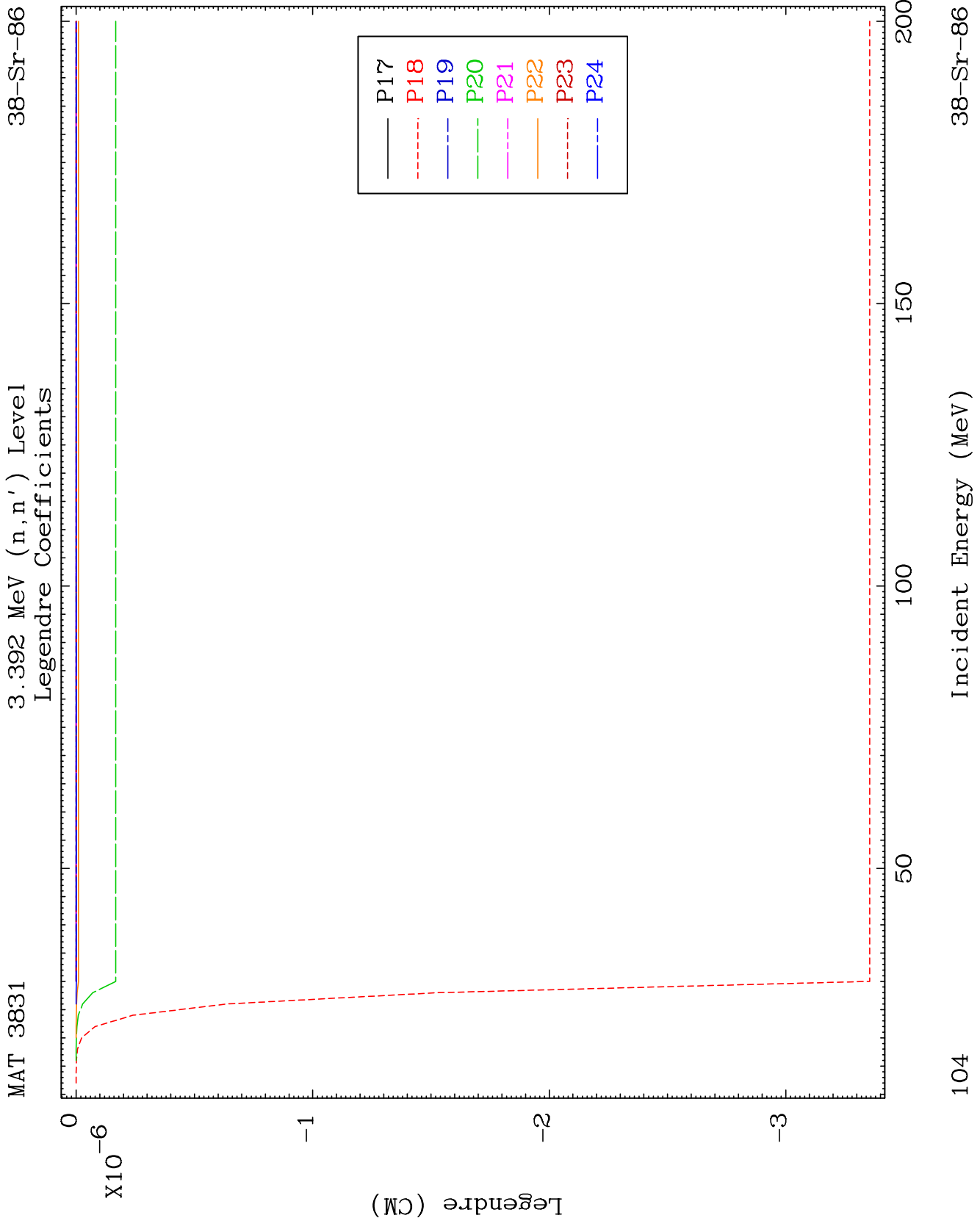


101

Incident Energy (MeV)

38-Sr-86

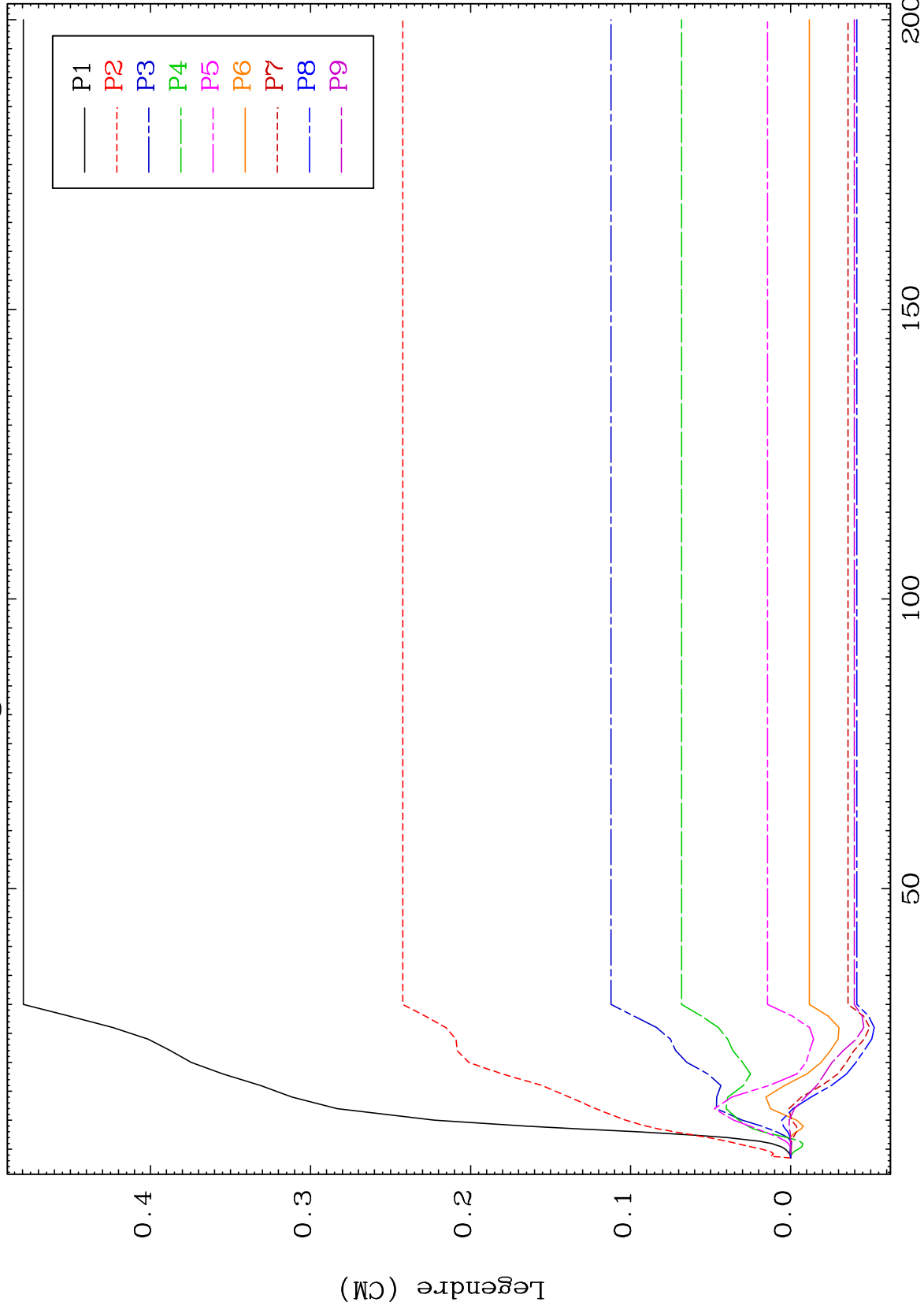




MAT 3831

3.430 MeV (n,n') Level
Legendre Coefficients

38-Sr-86



105

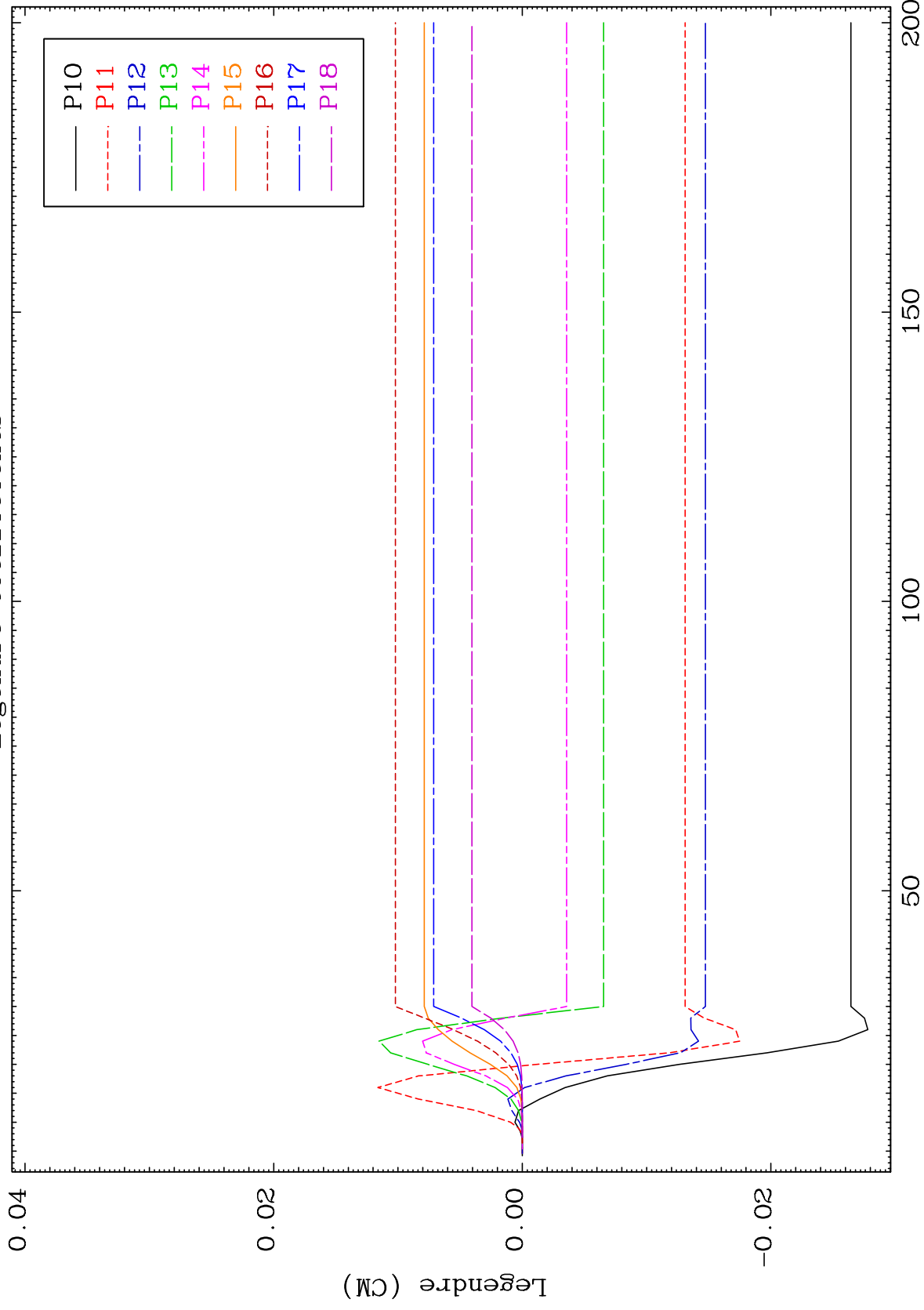
Incident Energy (MeV)

38-Sr-86

MAT 3831

3.430 MeV (n,n') Level
Legendre Coefficients

38-Sr-86

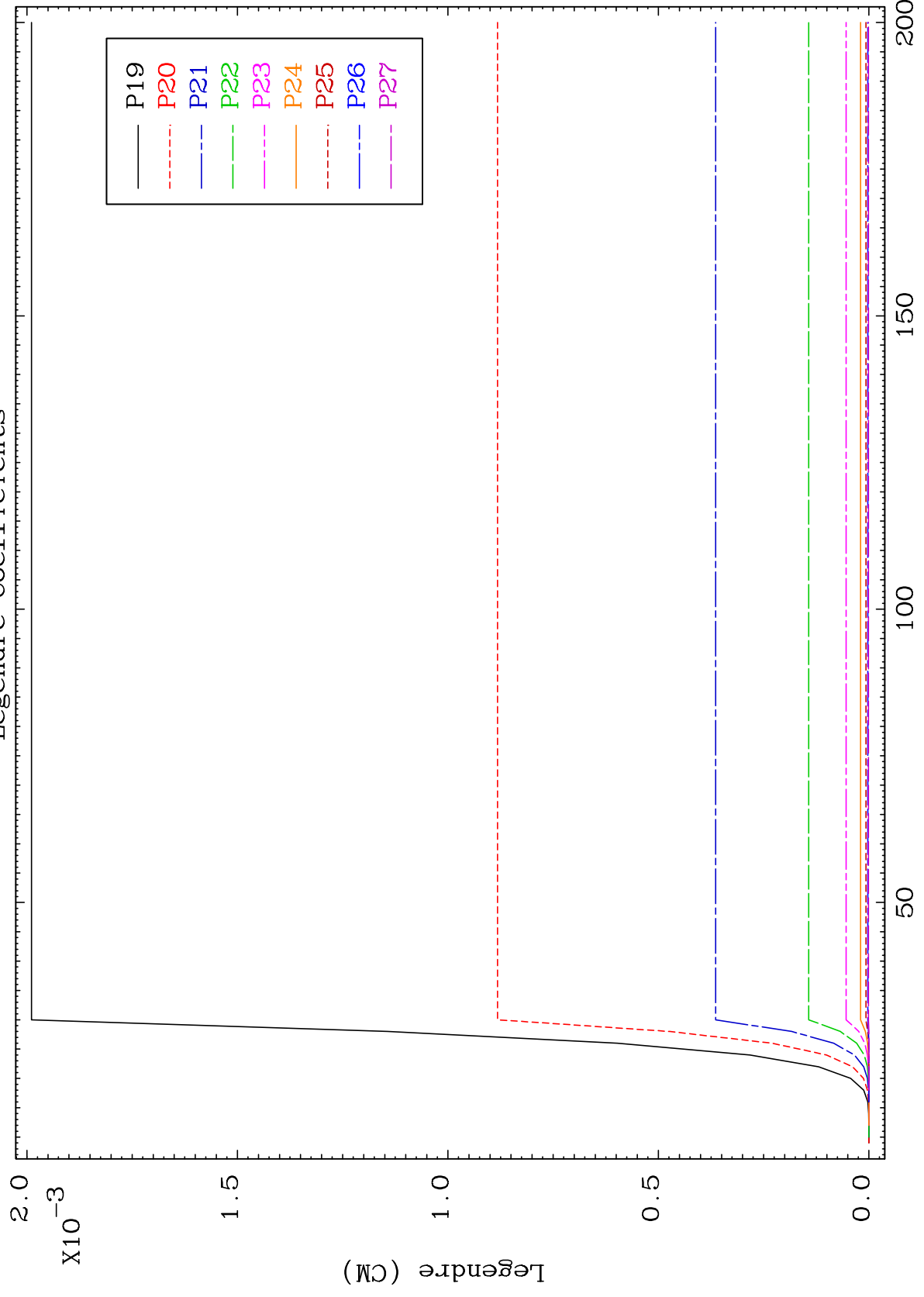


106

Incident Energy (MeV)

38-Sr-86

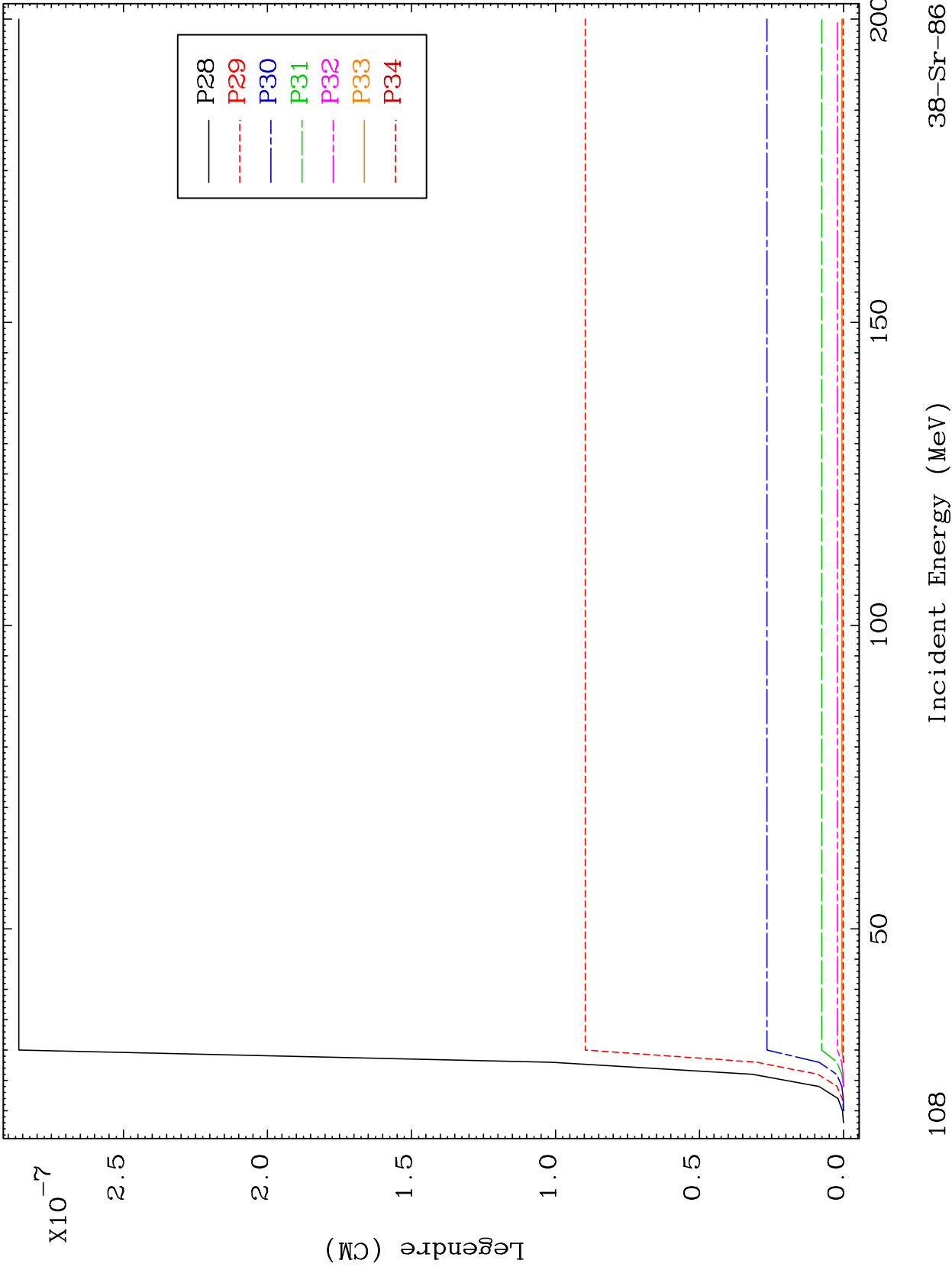
3.430 MeV (n,n') Level
Legendre Coefficients



MAT 3831

3.430 MeV (n,n') Level
Legendre Coefficients

38-Sr-86



108

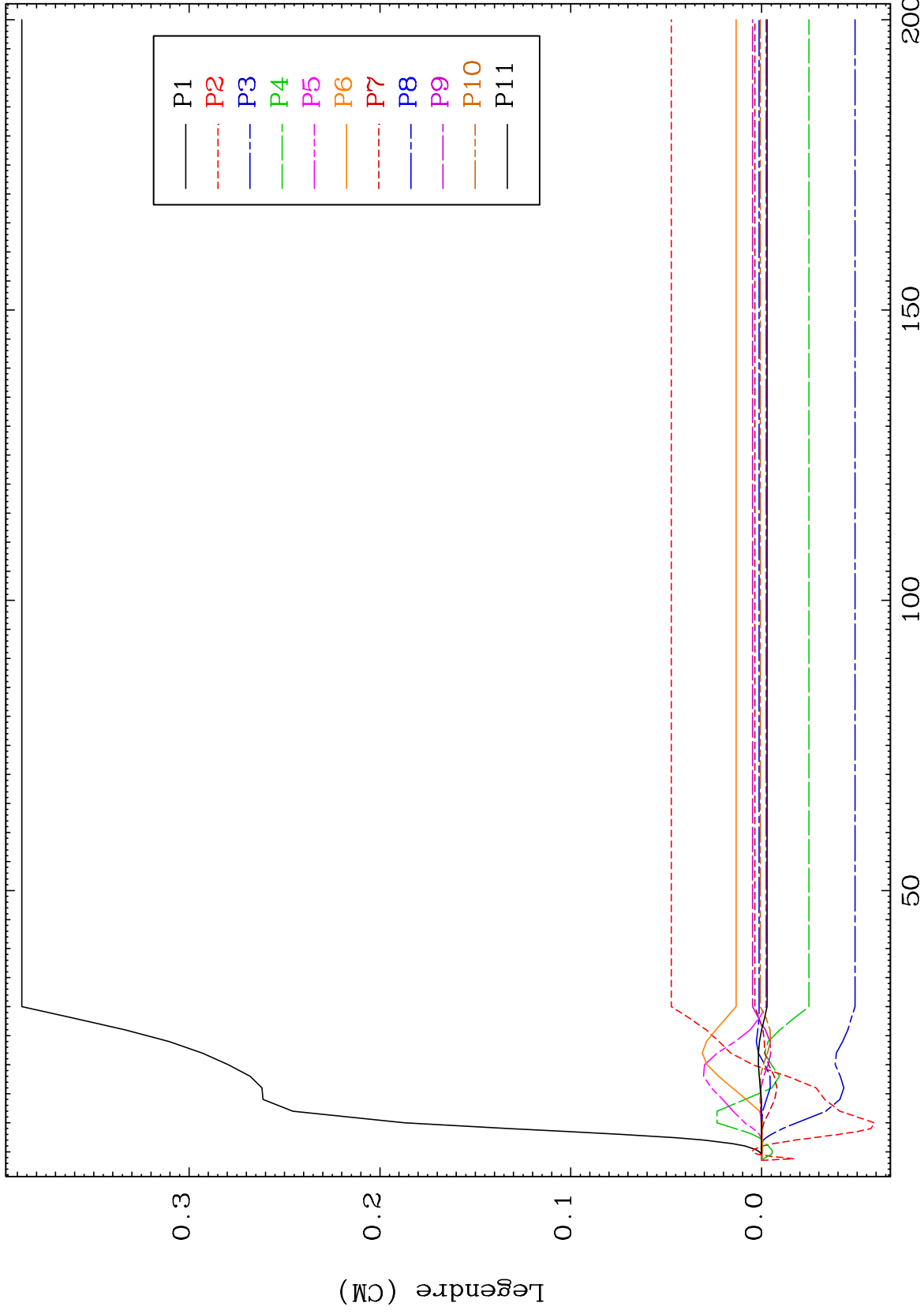
Incident Energy (MeV)

38-Sr-86

MAT 3831

3.482 MeV (n,n') Level
Legendre Coefficients

38-Sr-86



109

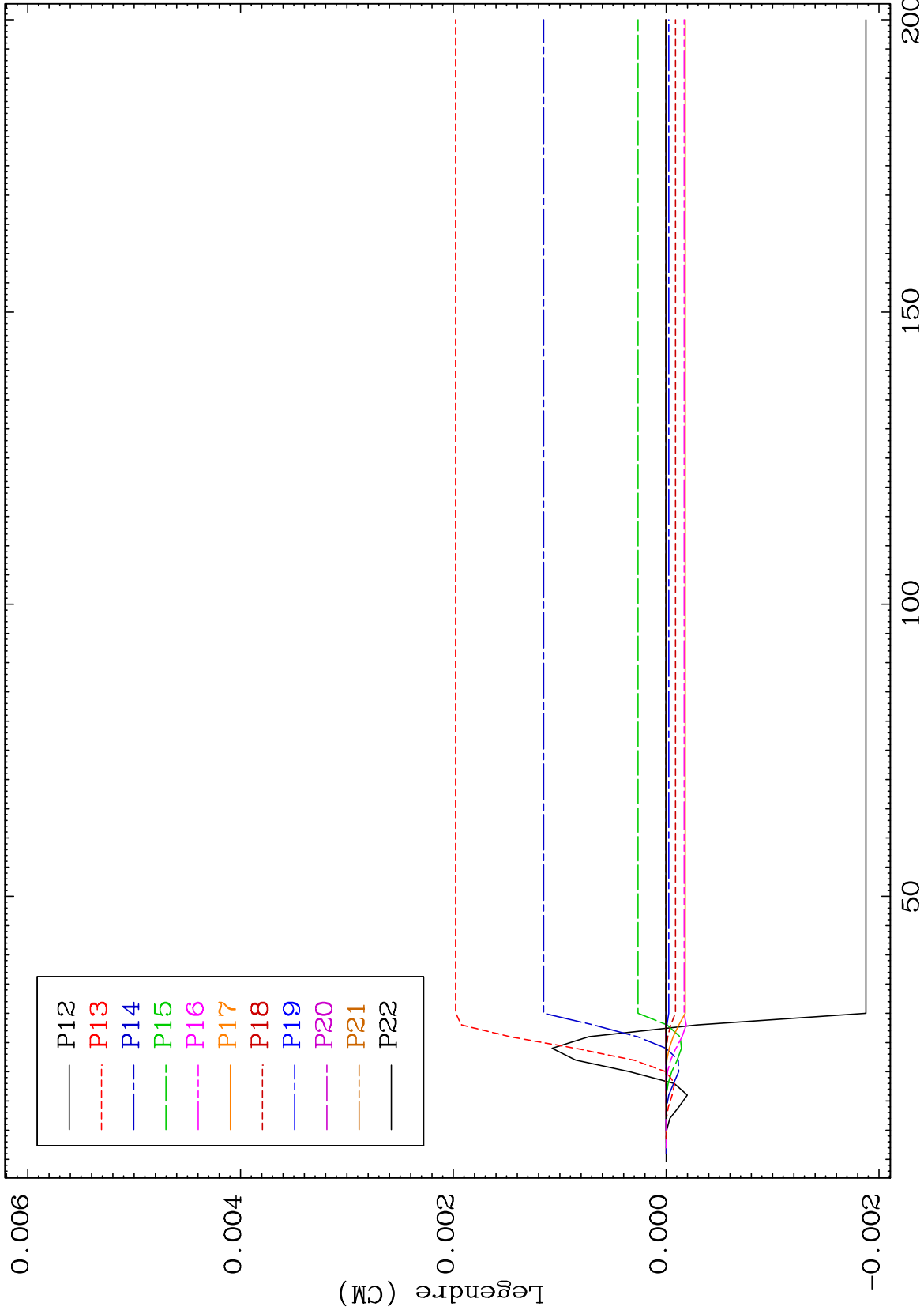
Incident Energy (MeV)

38-Sr-86

MAT 3831

3.482 MeV (n,n') Level
Legendre Coefficients

38-Sr-86



110

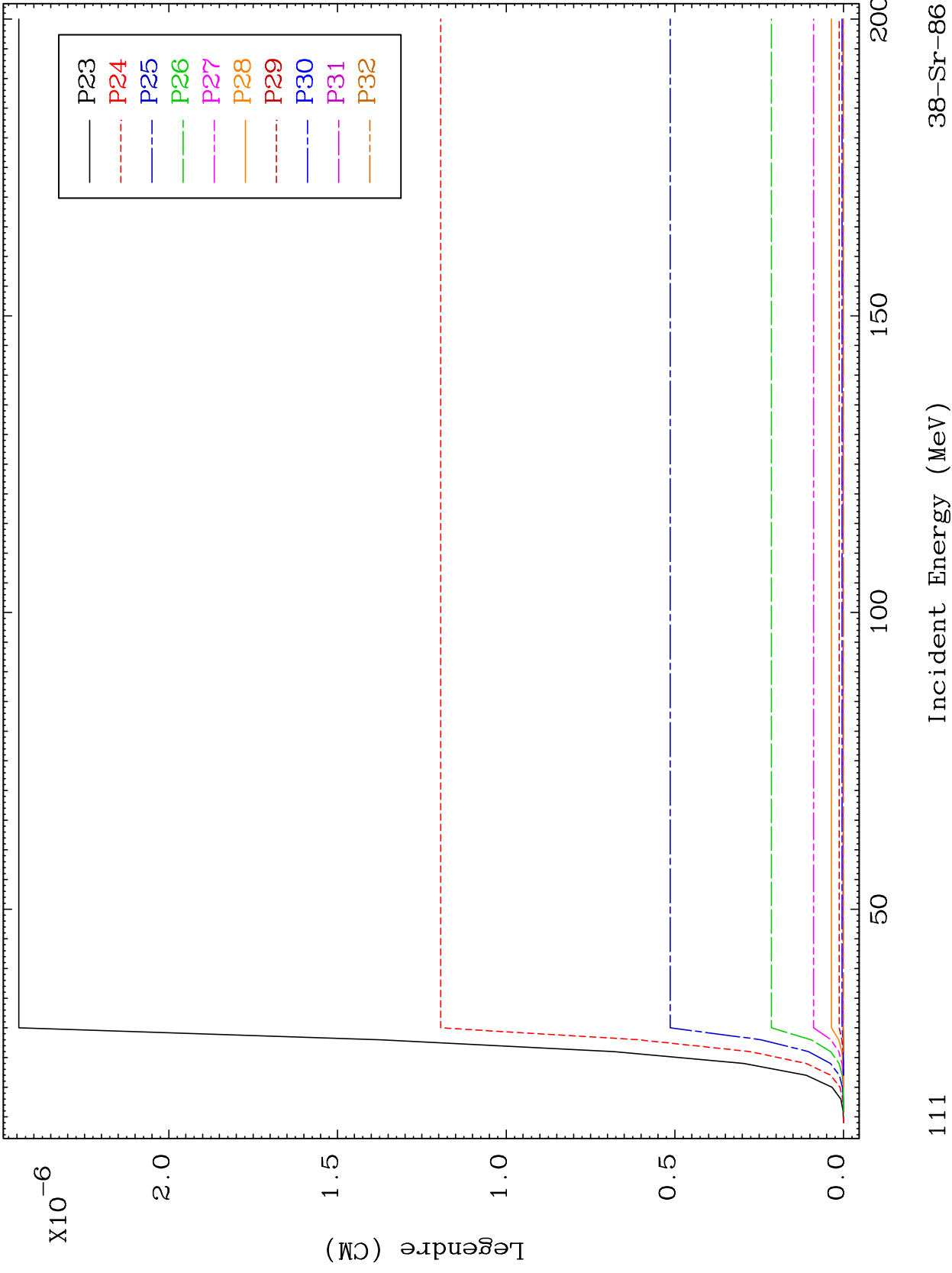
Incident Energy (MeV)

38-Sr-86

MAT 3831

3.482 MeV (n,n') Level
Legendre Coefficients

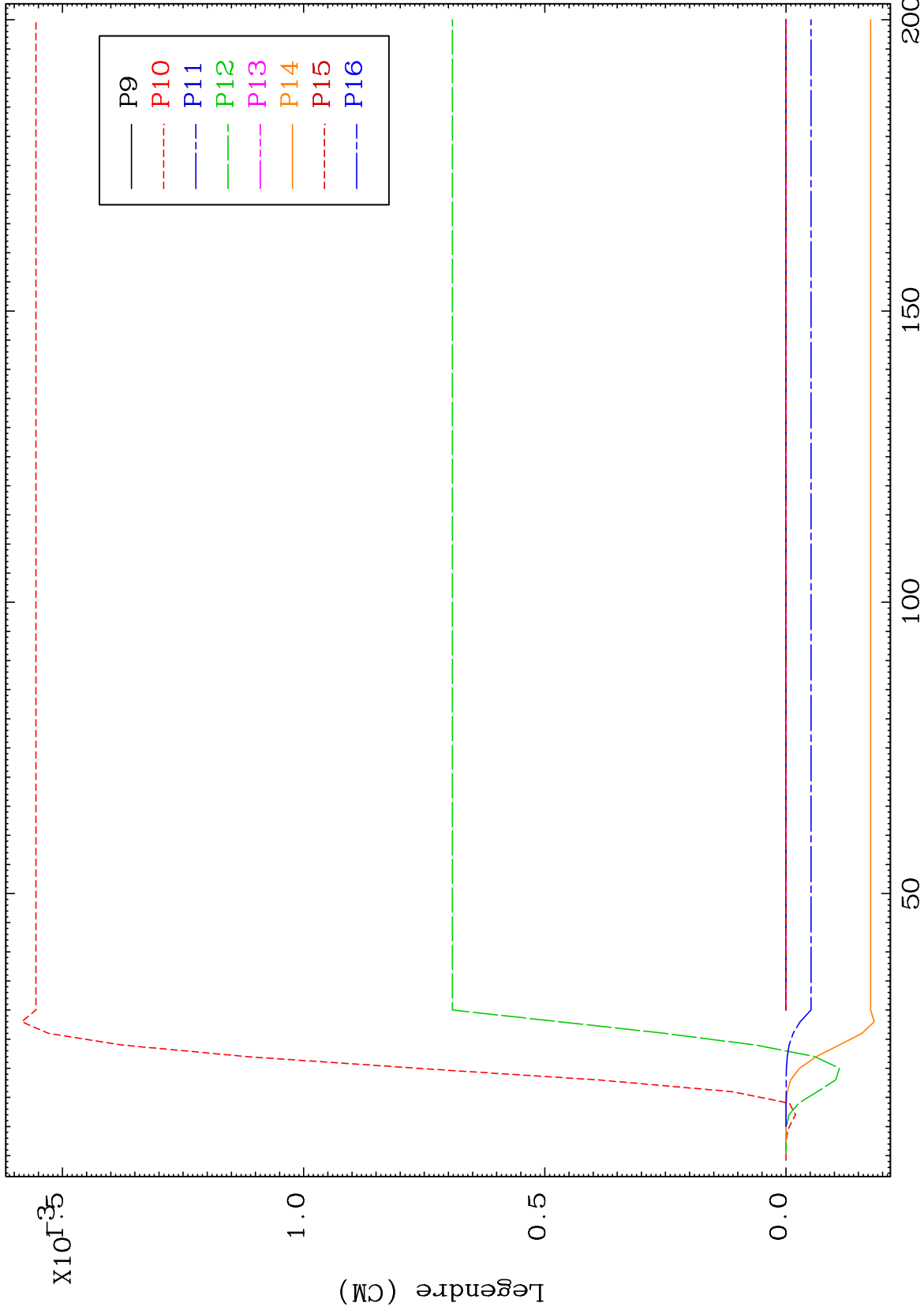
38-Sr-86



MAT 3831

3.500 MeV (n,n') Level
Legendre Coefficients

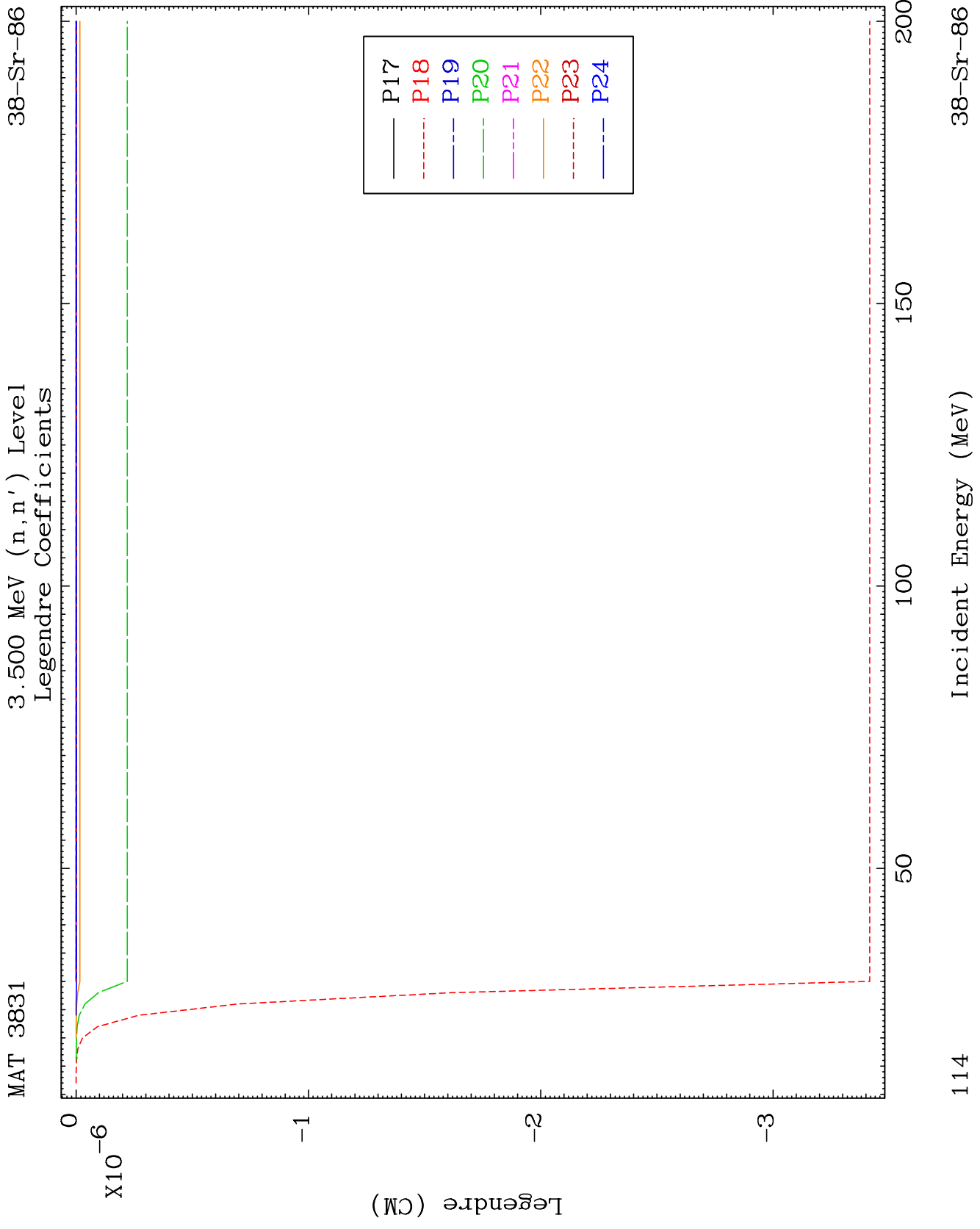
38-Sr-86



113

Incident Energy (MeV)

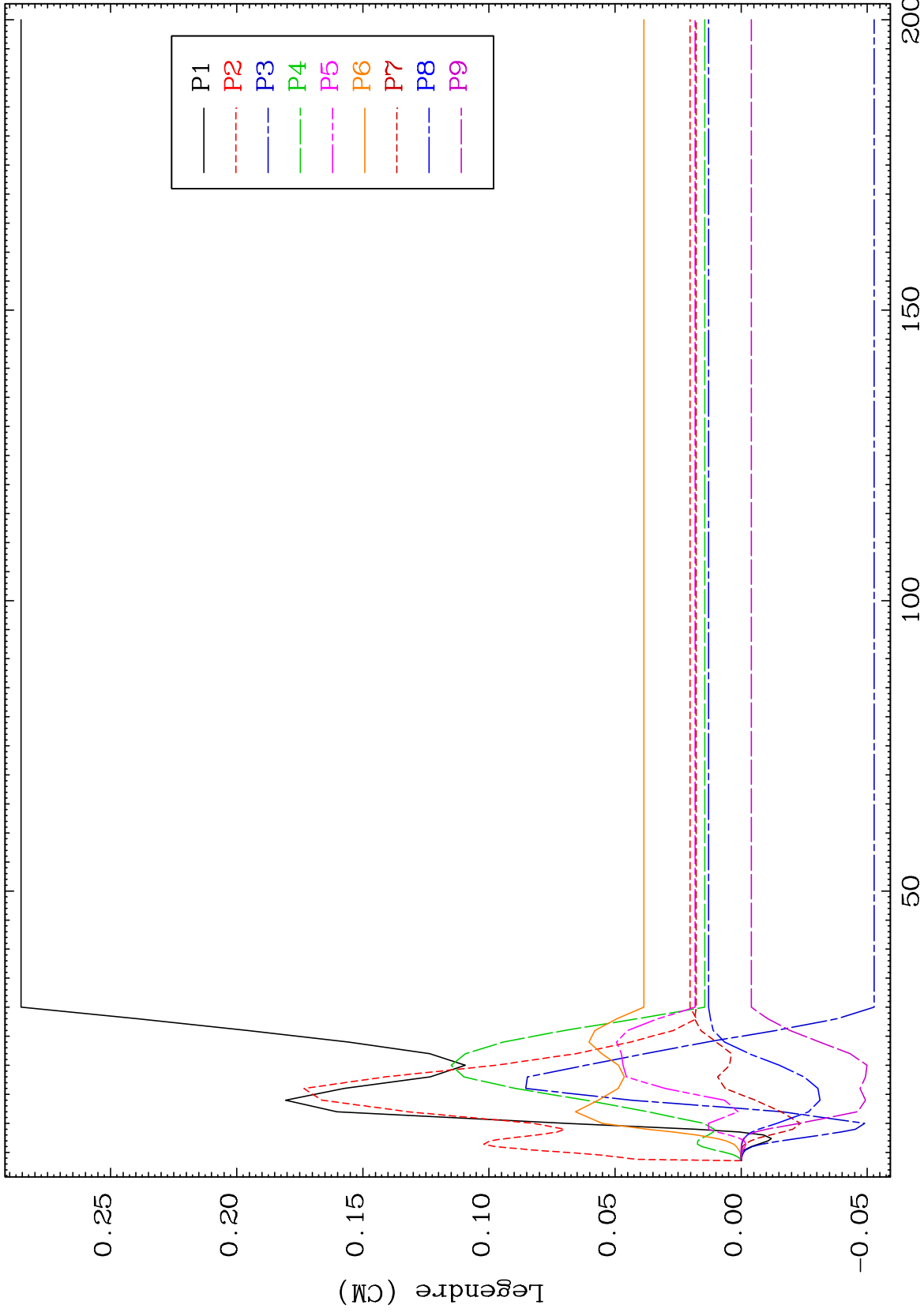
38-Sr-86



MAT 3831

3.528 MeV (n,n') Level
Legendre Coefficients

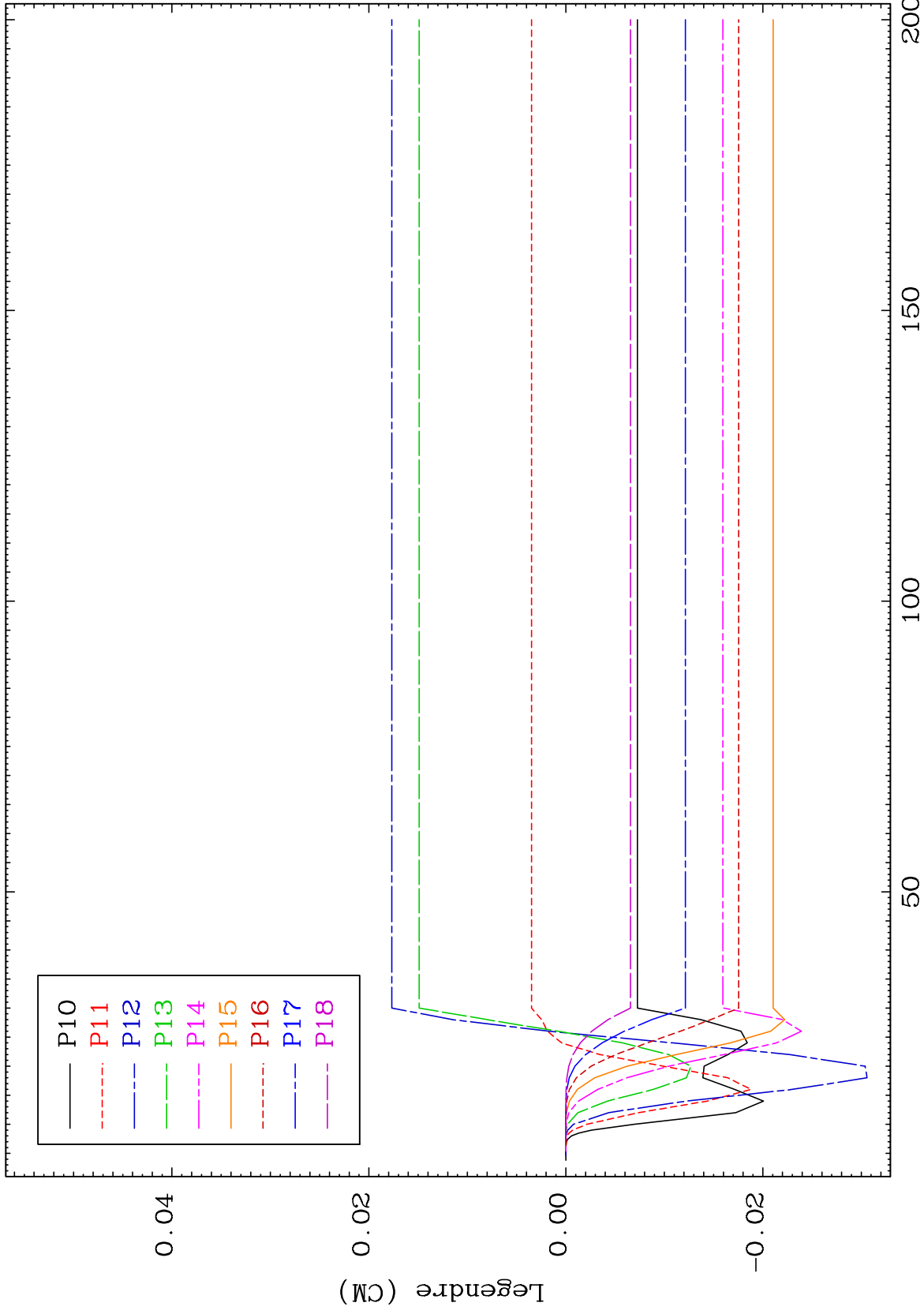
38-Sr-86

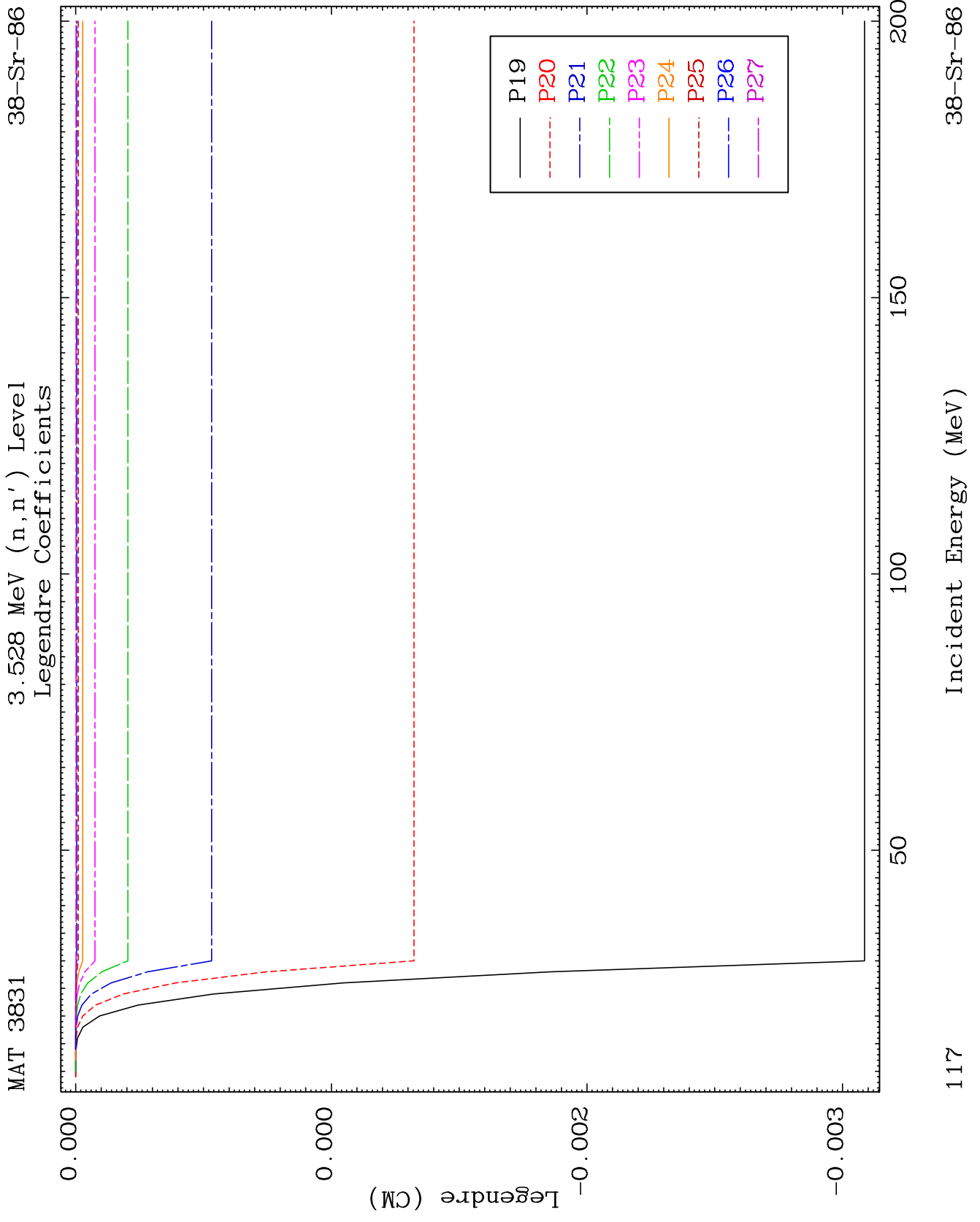


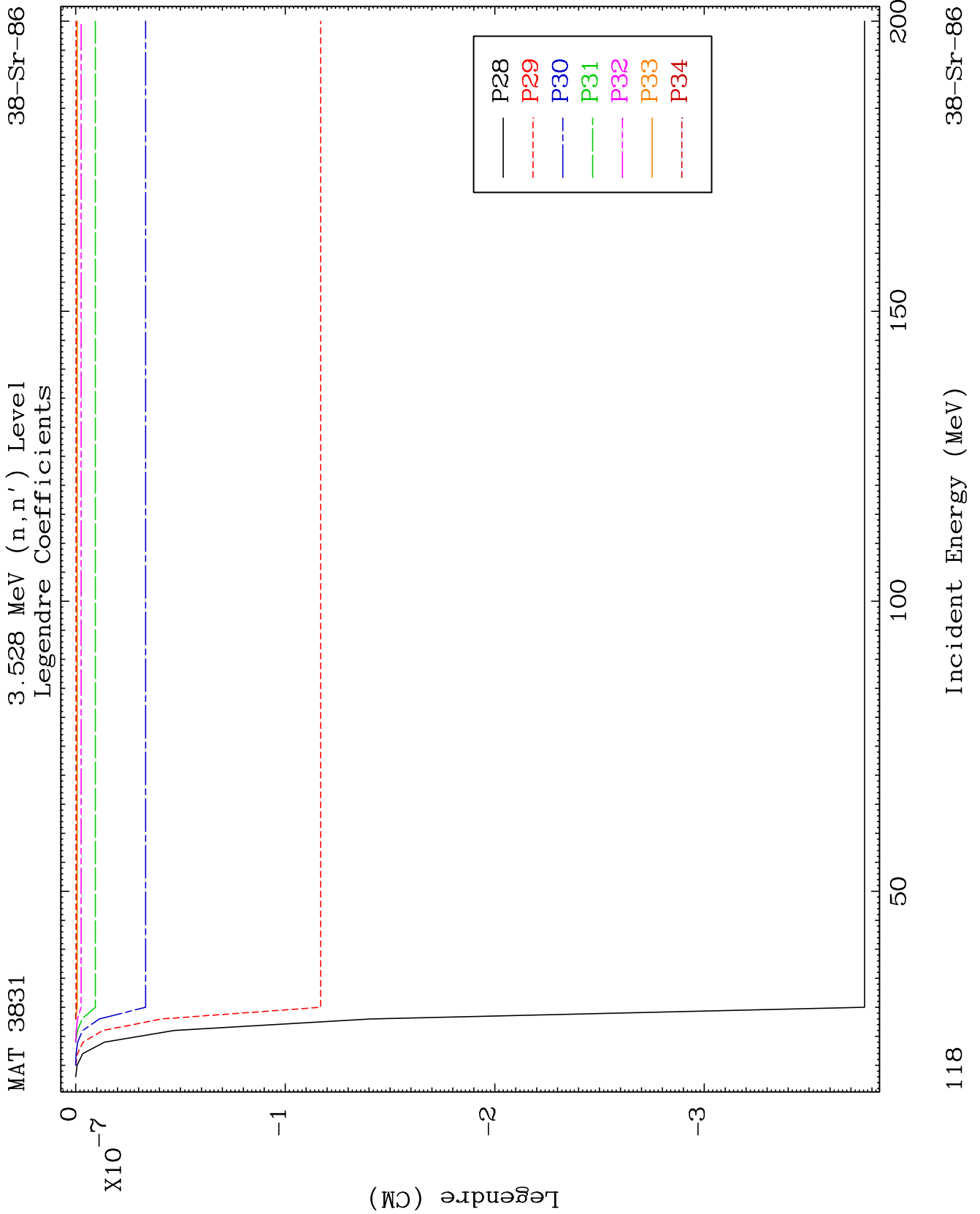
115

Incident Energy (MeV)

38-Sr-86



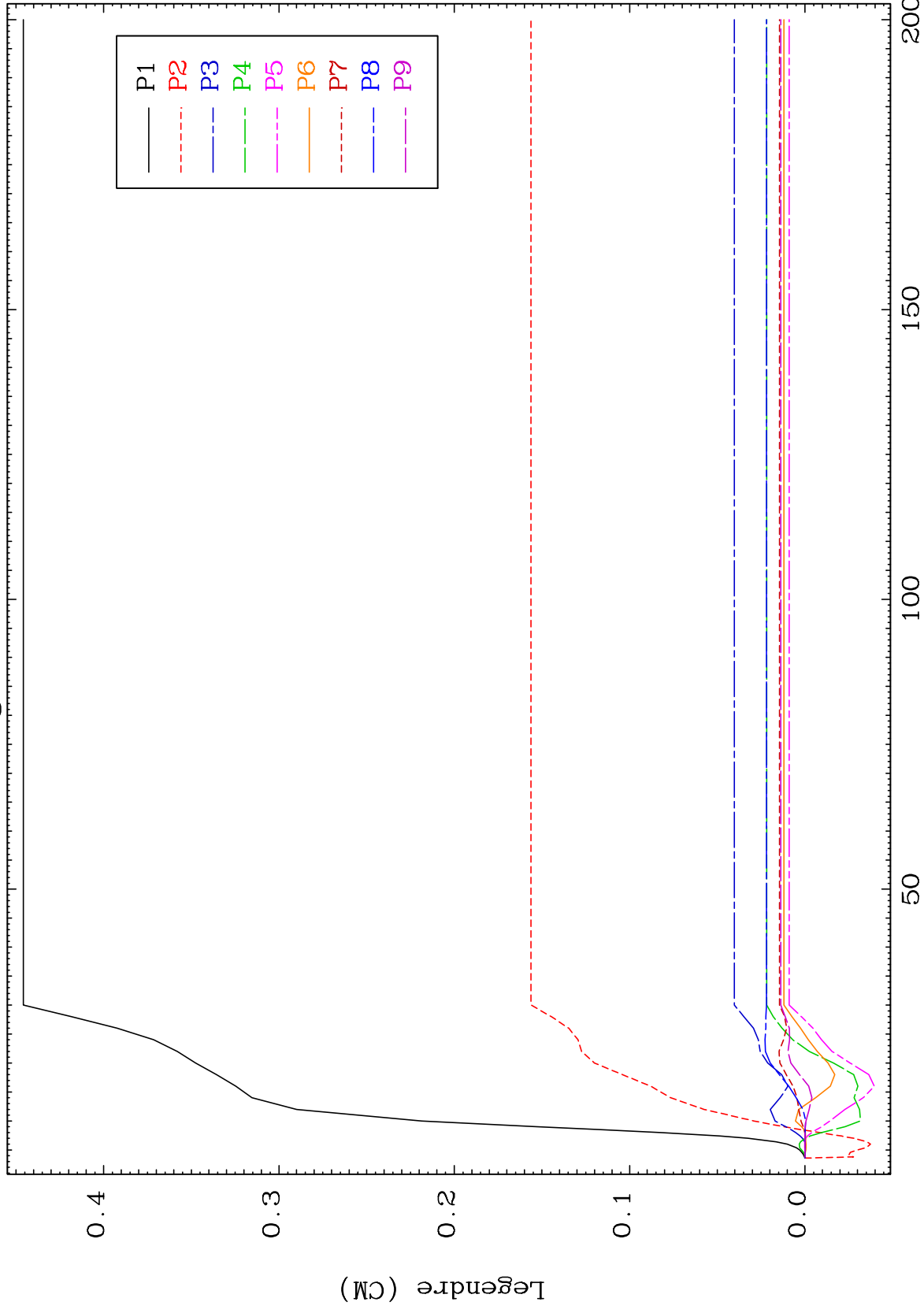




MAT 3831

3.556 MeV (n,n') Level
Legendre Coefficients

38-Sr-86



119

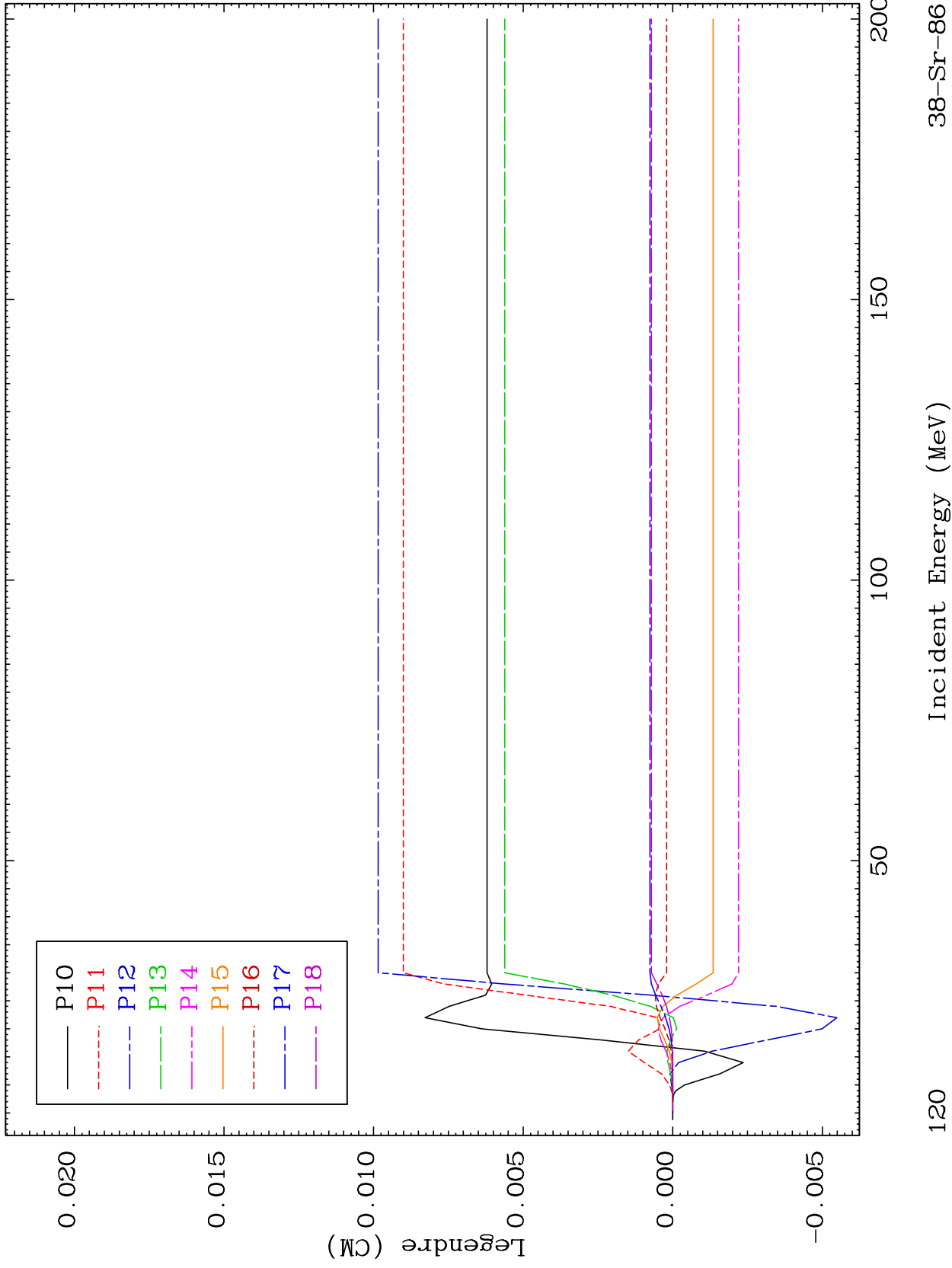
Incident Energy (MeV)

38-Sr-86

MAT 3831

3.556 MeV (n,n') Level
Legendre Coefficients

38-Sr-86



120

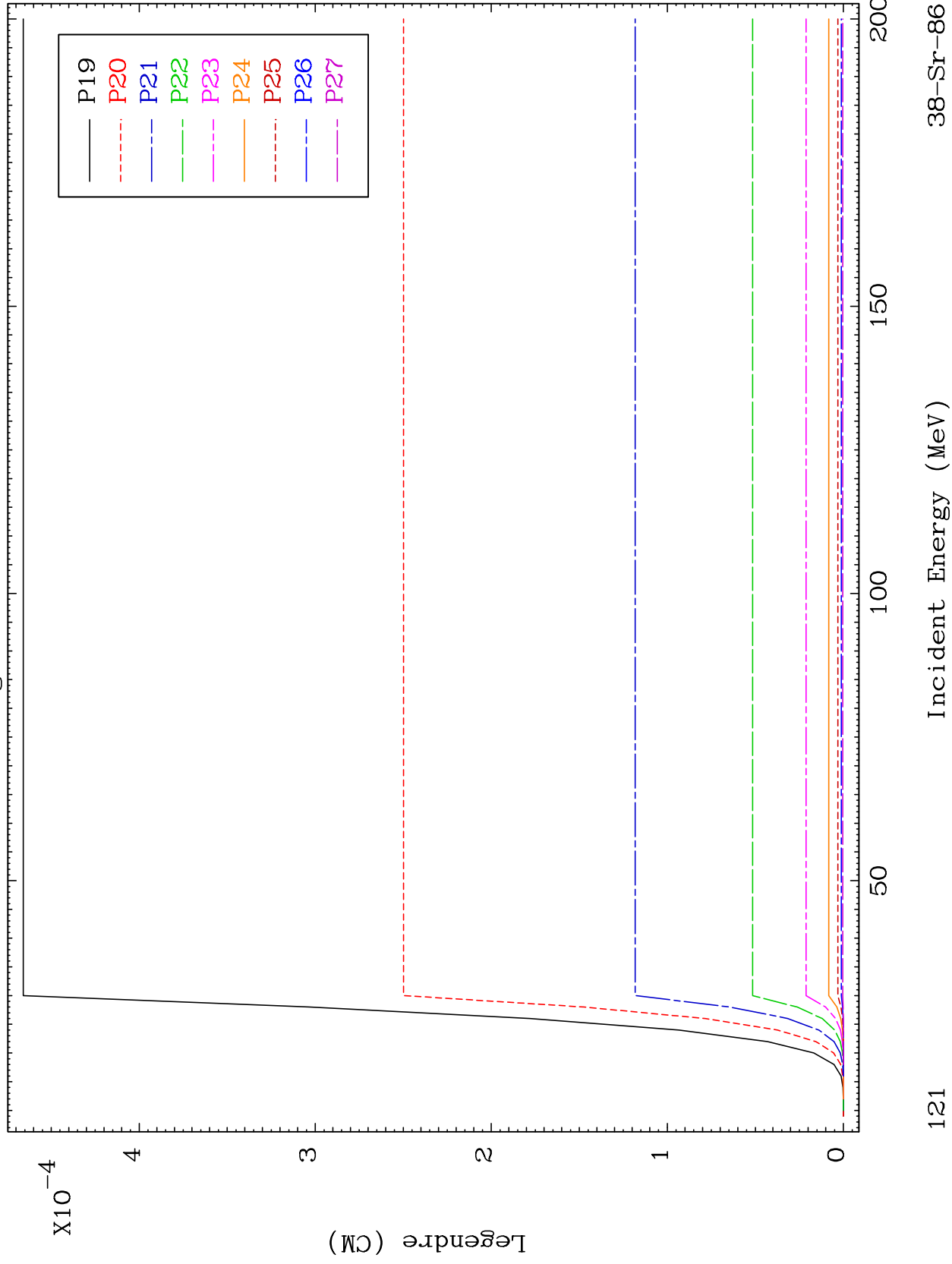
Incident Energy (MeV)

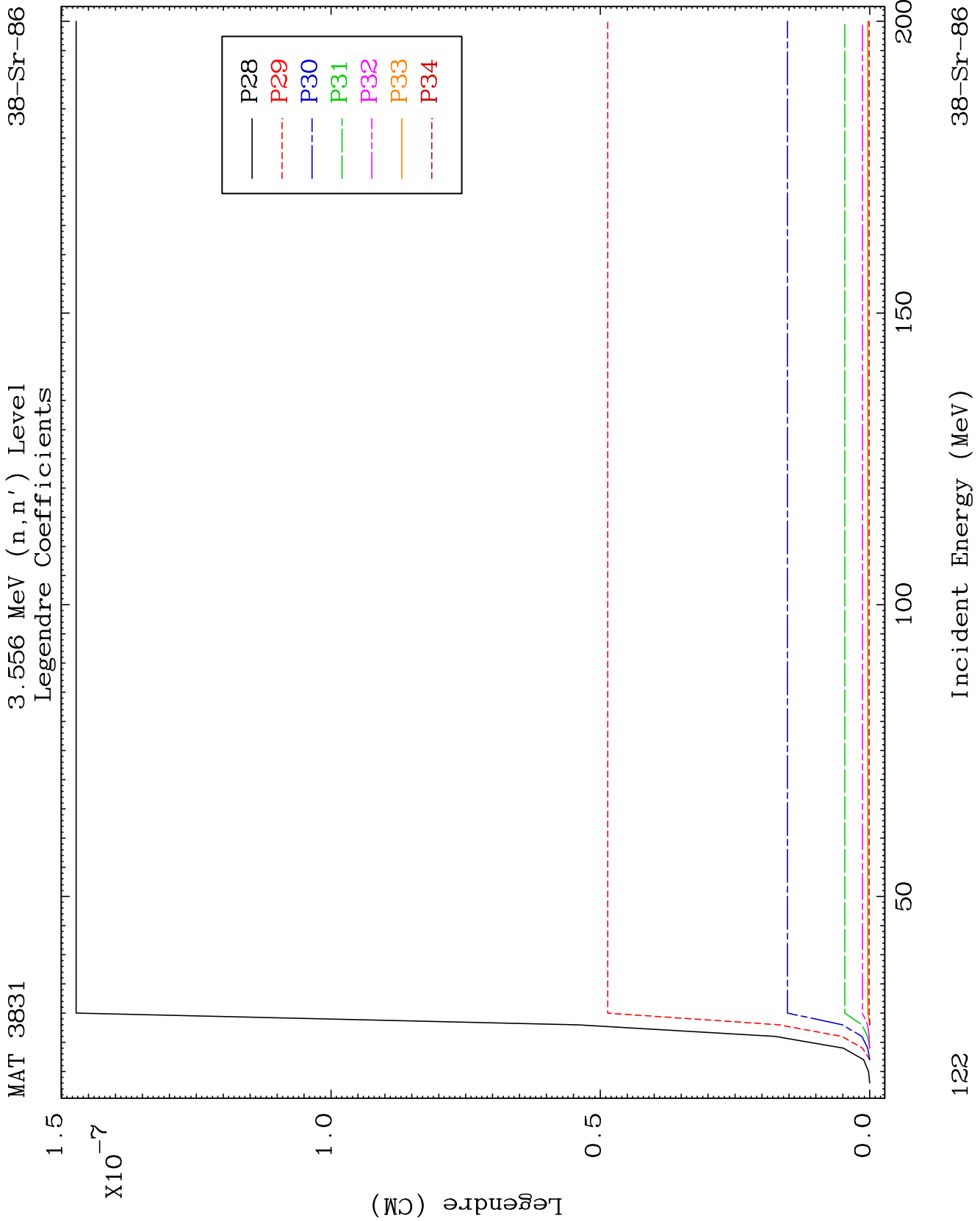
38-Sr-86

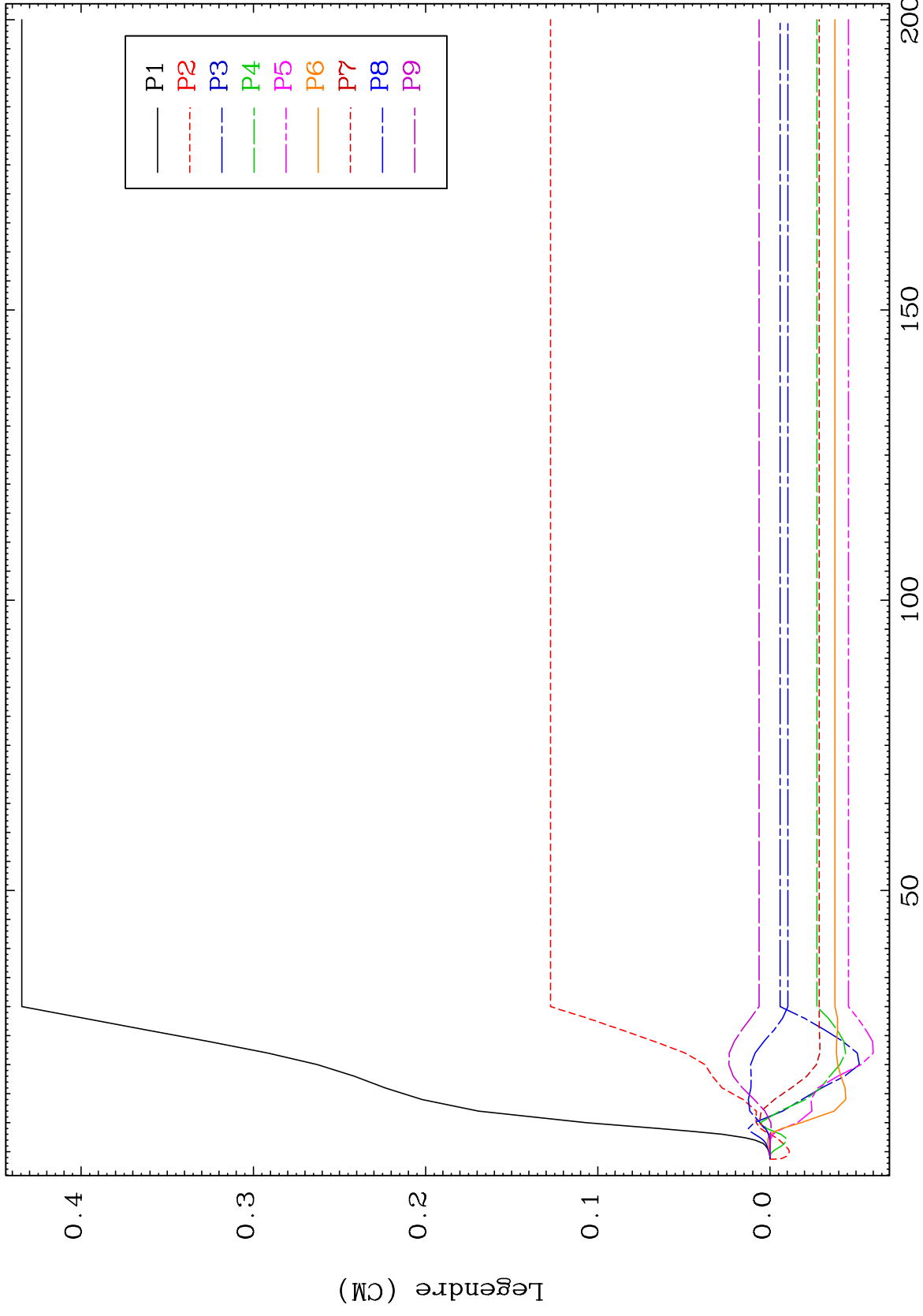
MAT 3831

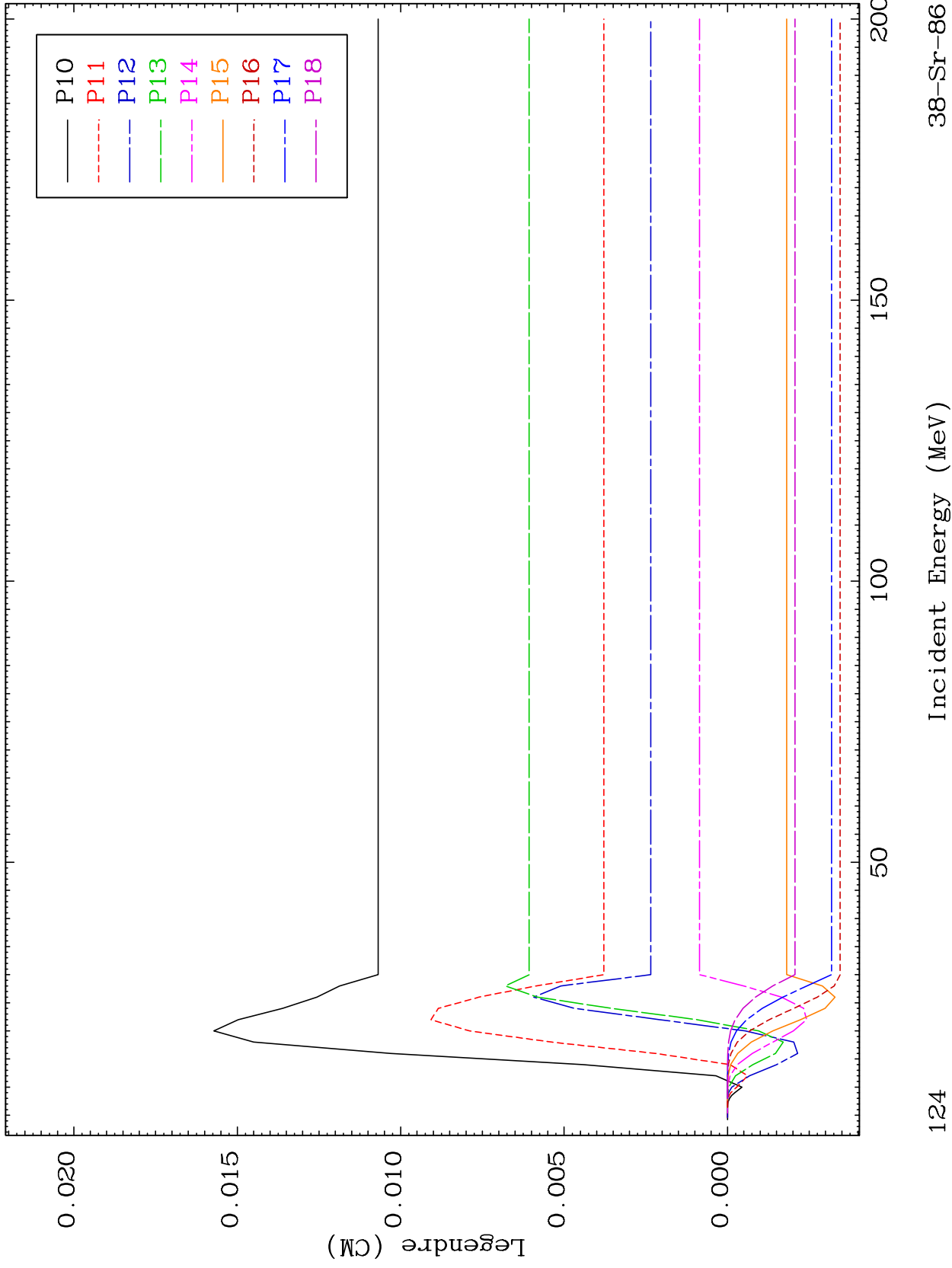
3.556 MeV (n,n') Level
Legendre Coefficients

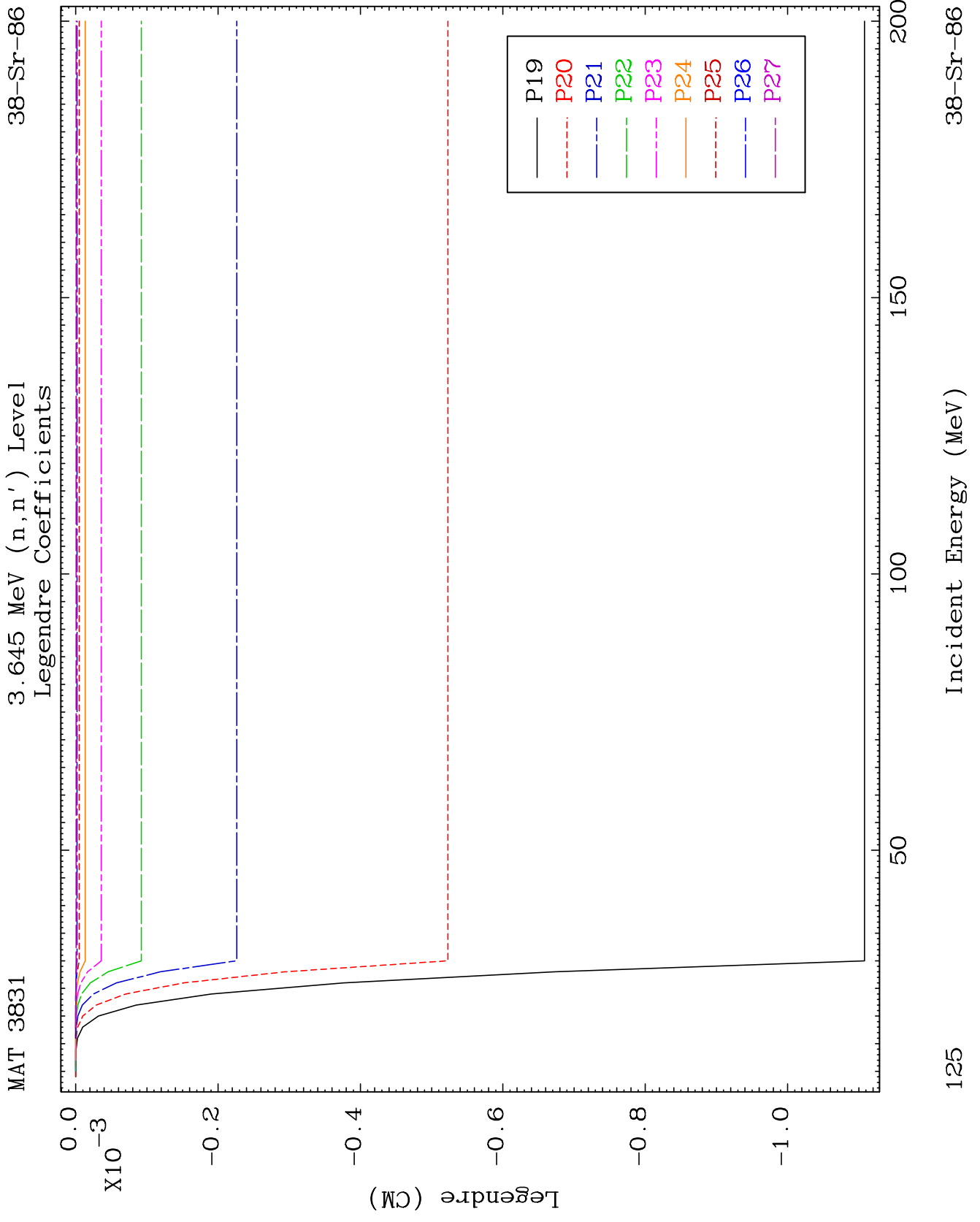
38-Sr-86

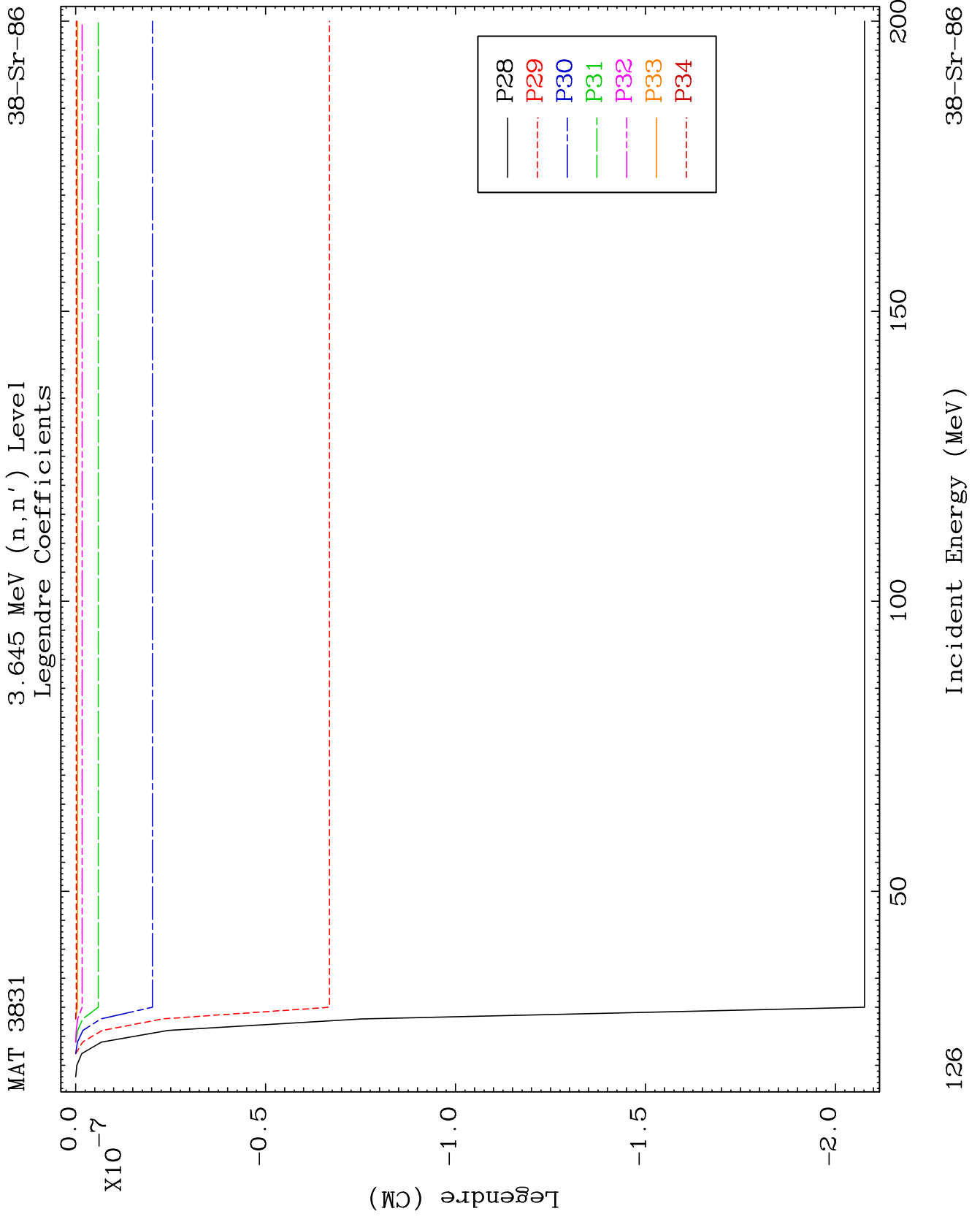








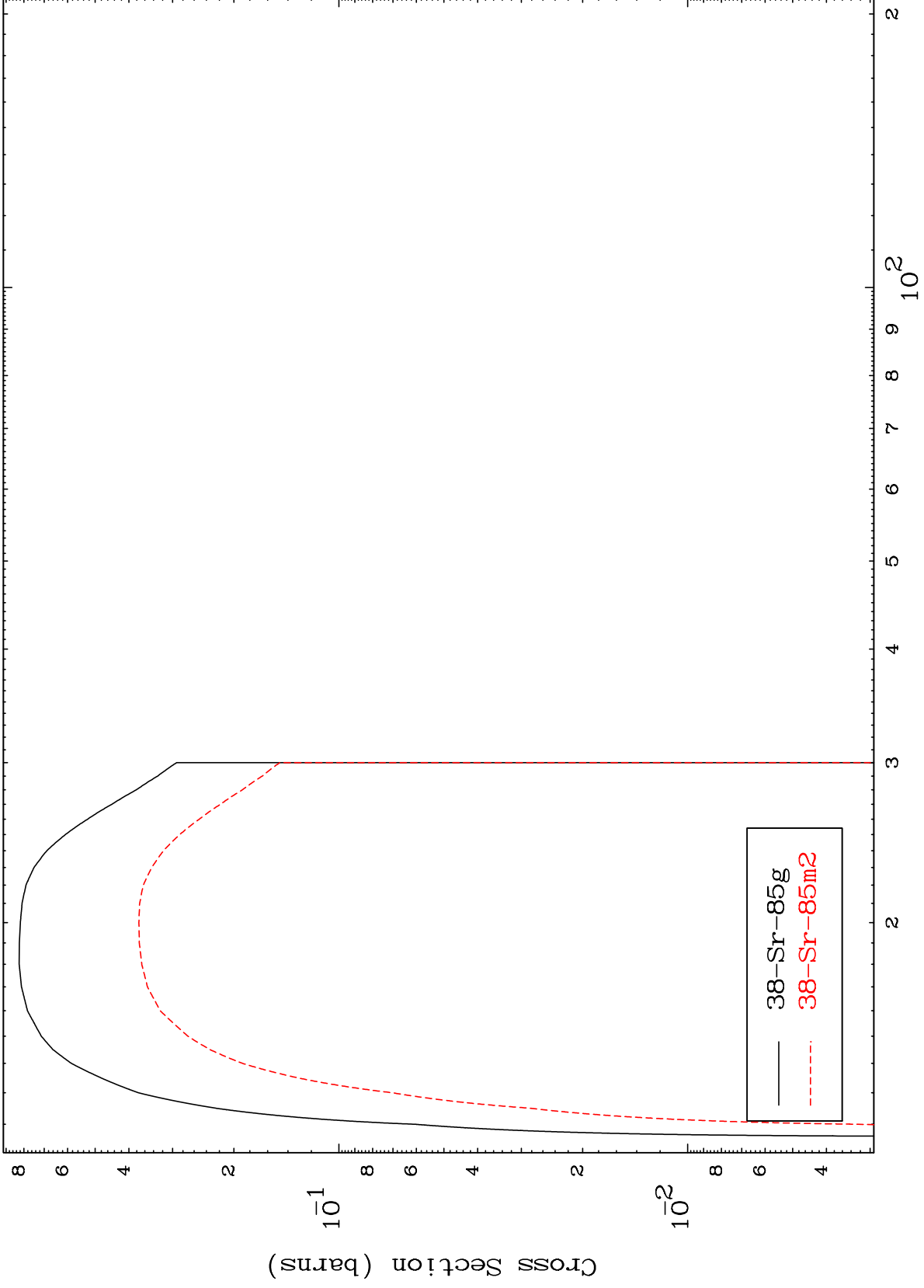




MAT 3831

³⁸Sr-86

(n,2n)
Radionuclide Production Cross Section

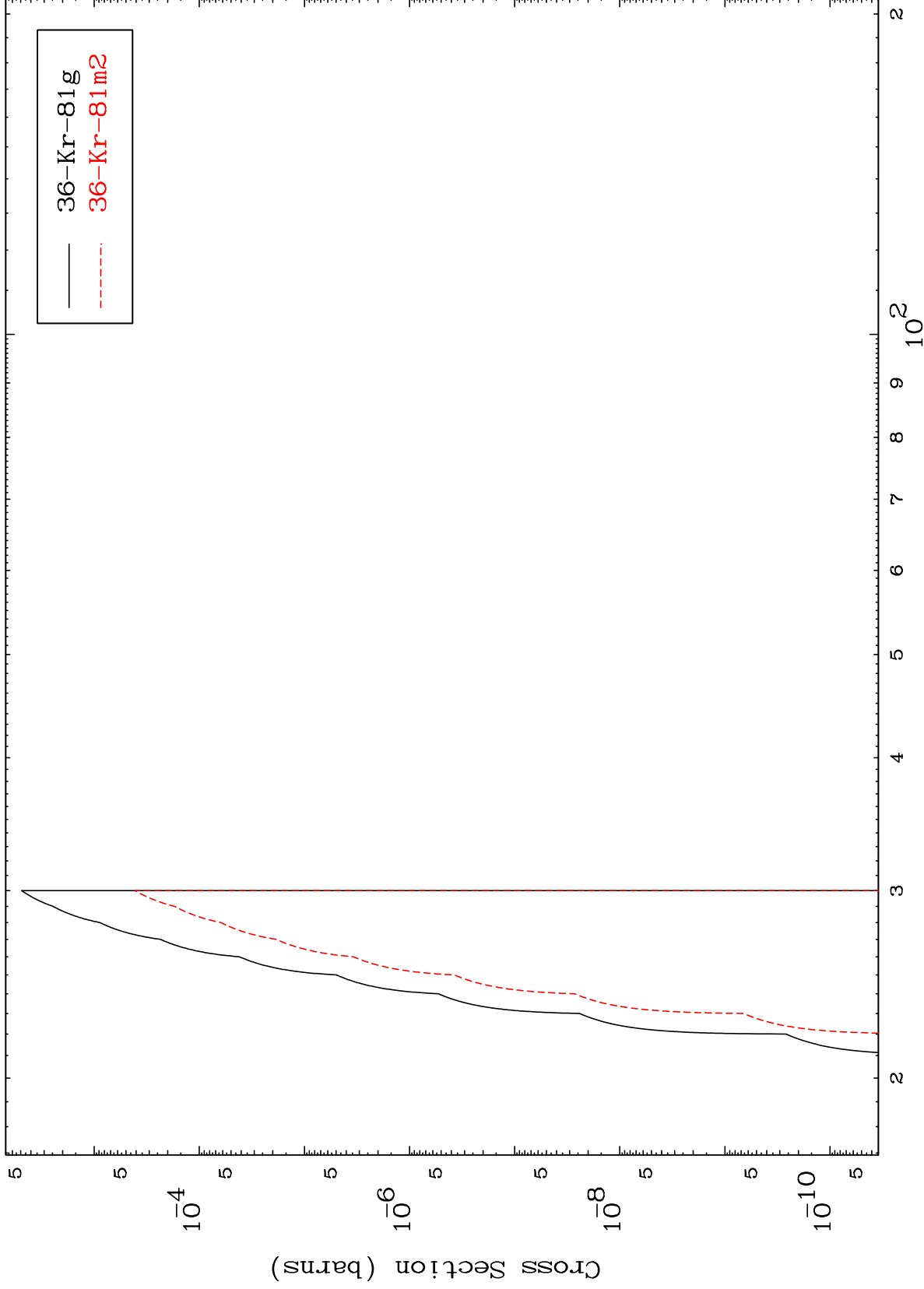


127

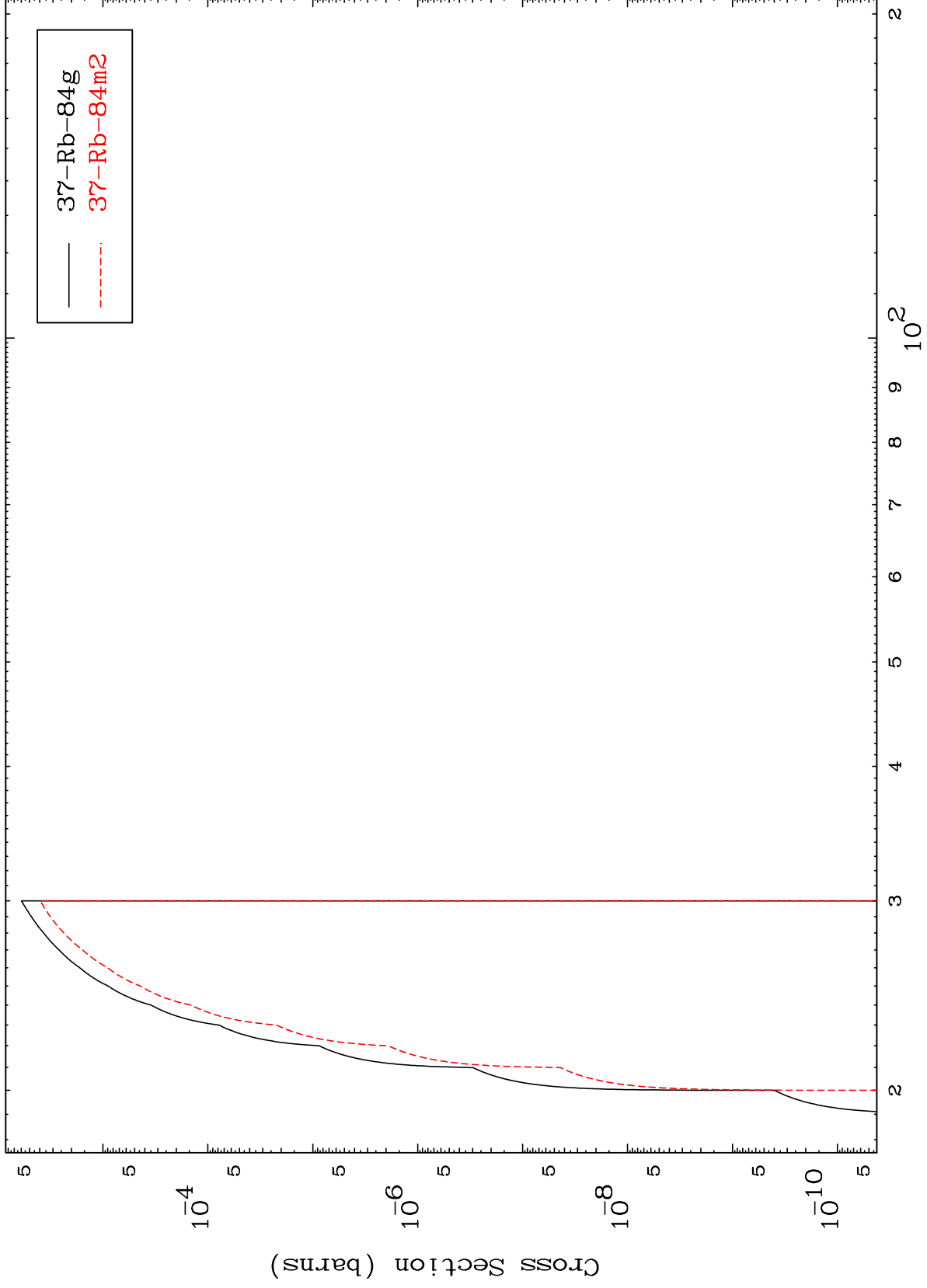
Incident Energy (MeV)

³⁸Sr-86

Radionuclide Production Cross Section



Radionuclide Production Cross Section

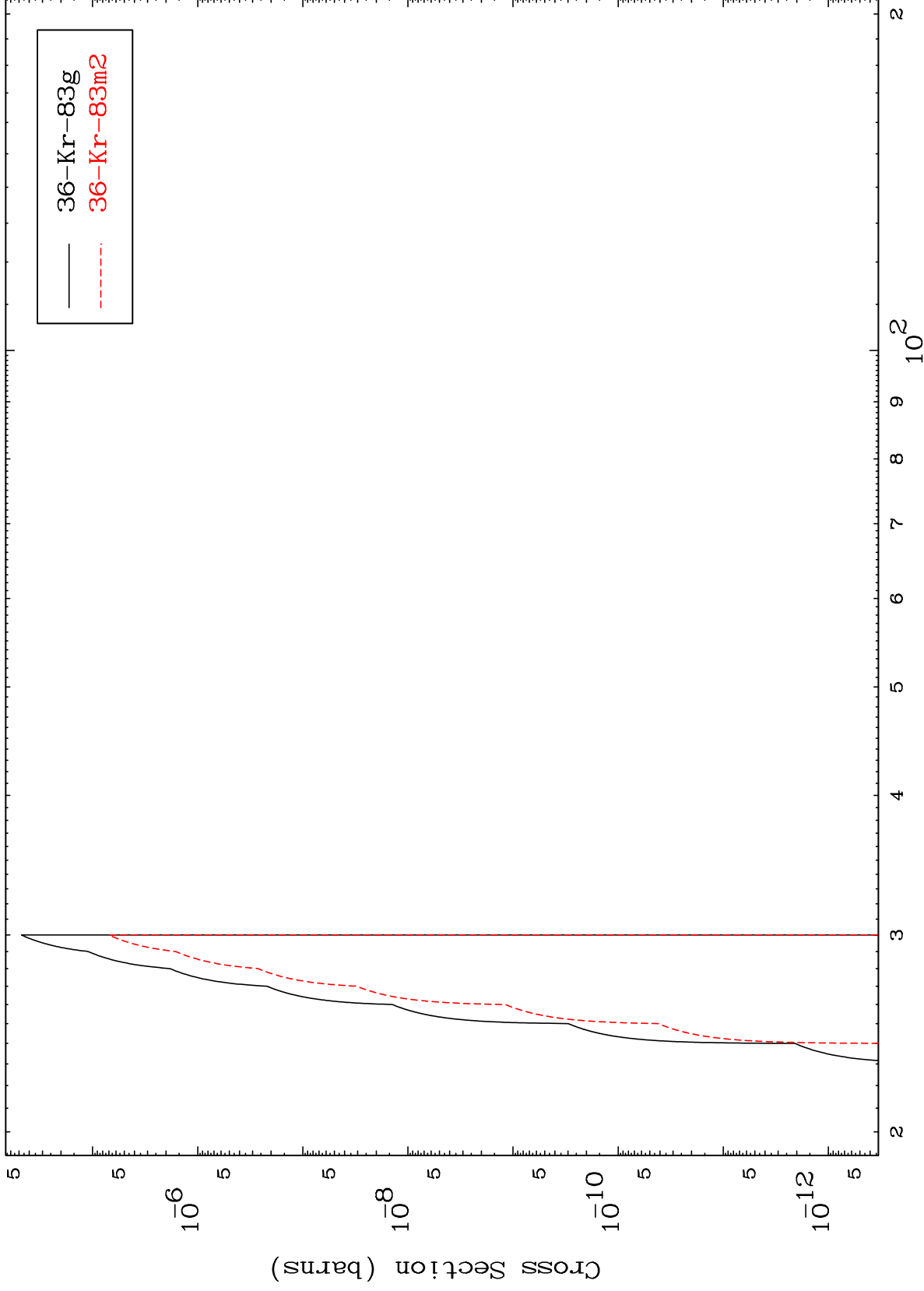


MAT 3831

(n,n') He-3

38-Sr-86

Radionuclide Production Cross Section



130

Incident Energy (MeV)

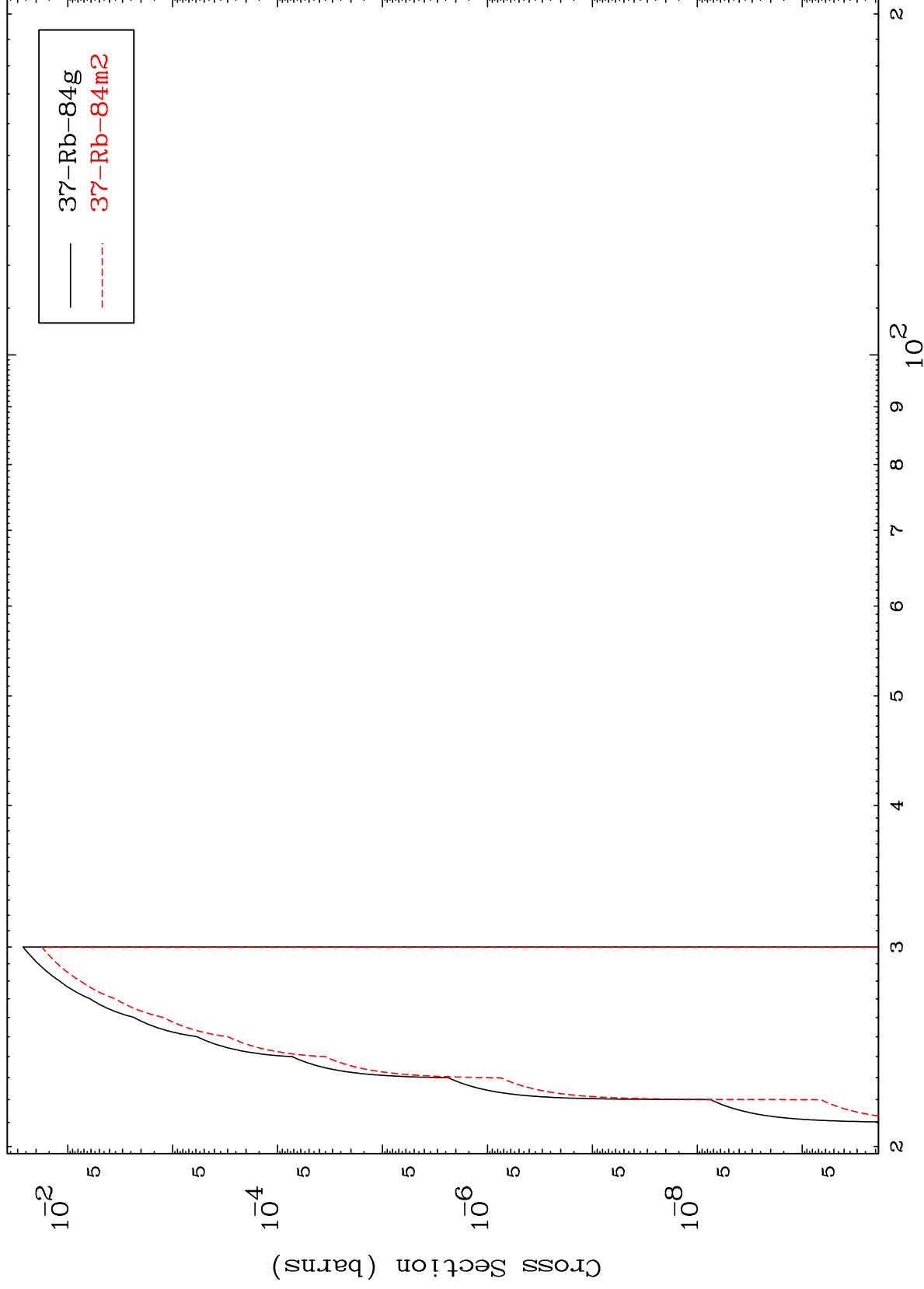
38-Sr-86

MAT 3831

(n,2n) p

38-Sr-86

Radionuclide Production Cross Section



131

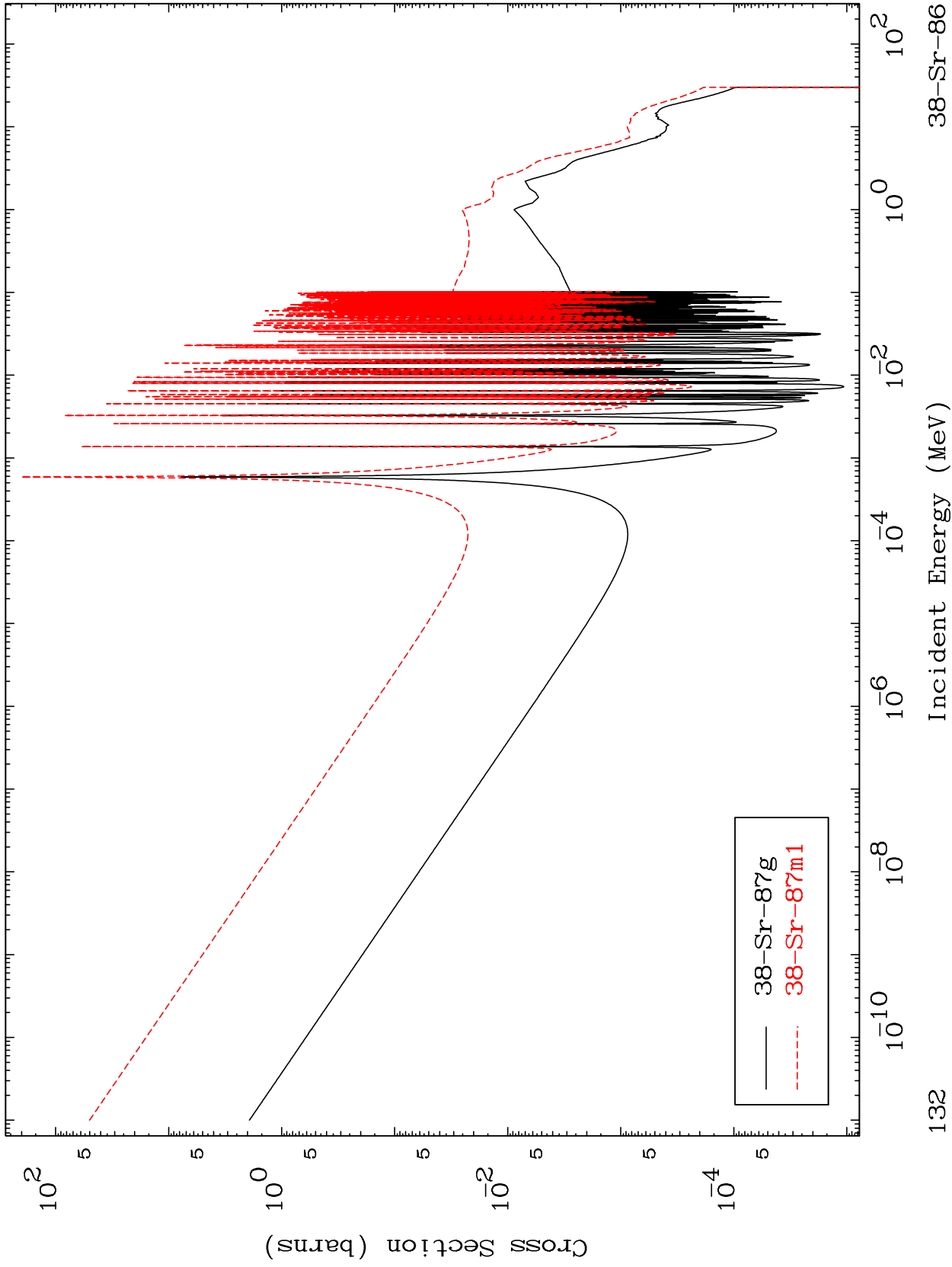
Incident Energy (MeV)

38-Sr-86

MAT 3831

38-Sr-86

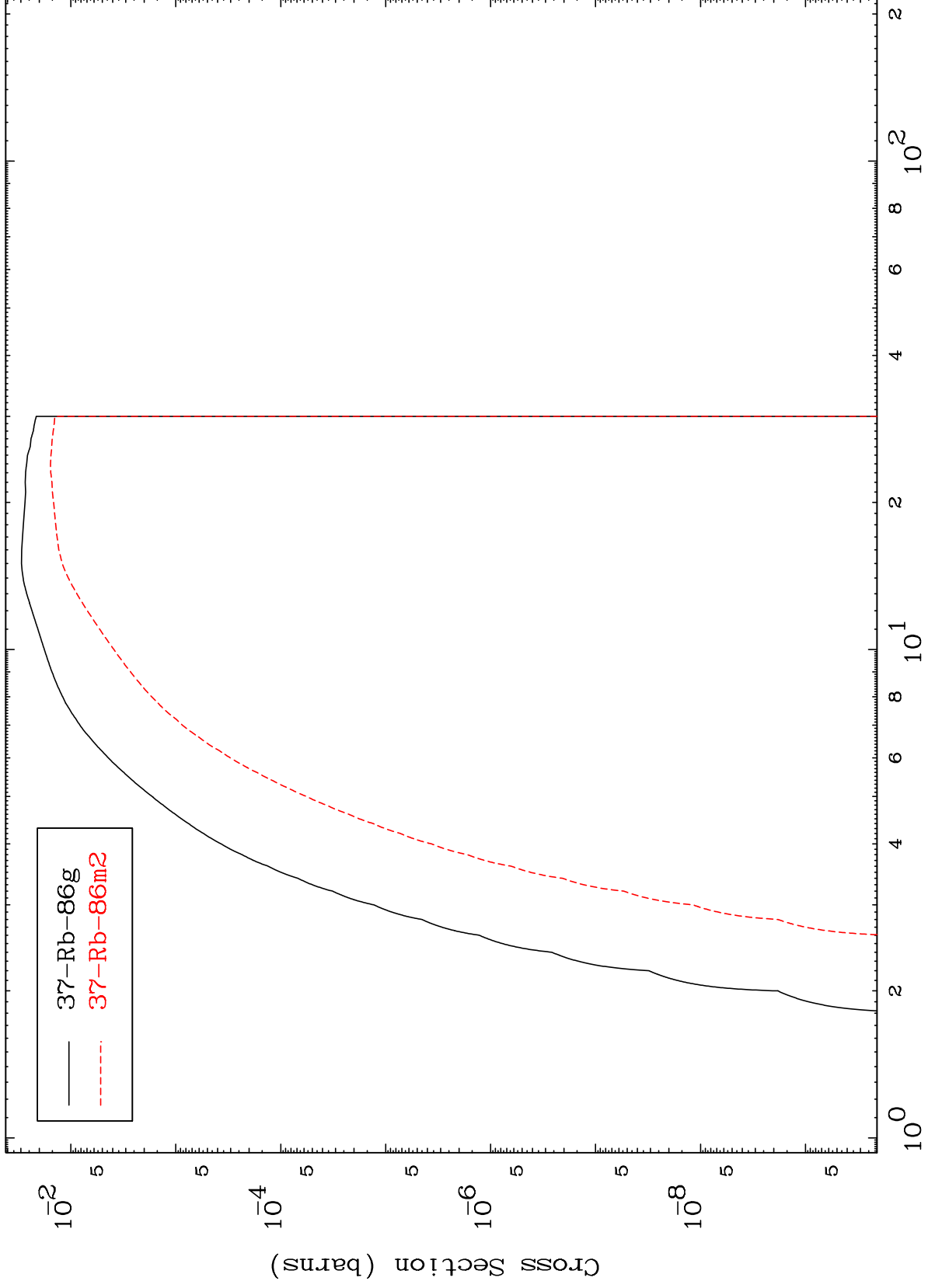
(n, γ)
Radionuclide Production Cross Section



MAT 3831

38-Sr-86

(n,p)
Radionuclide Production Cross Section

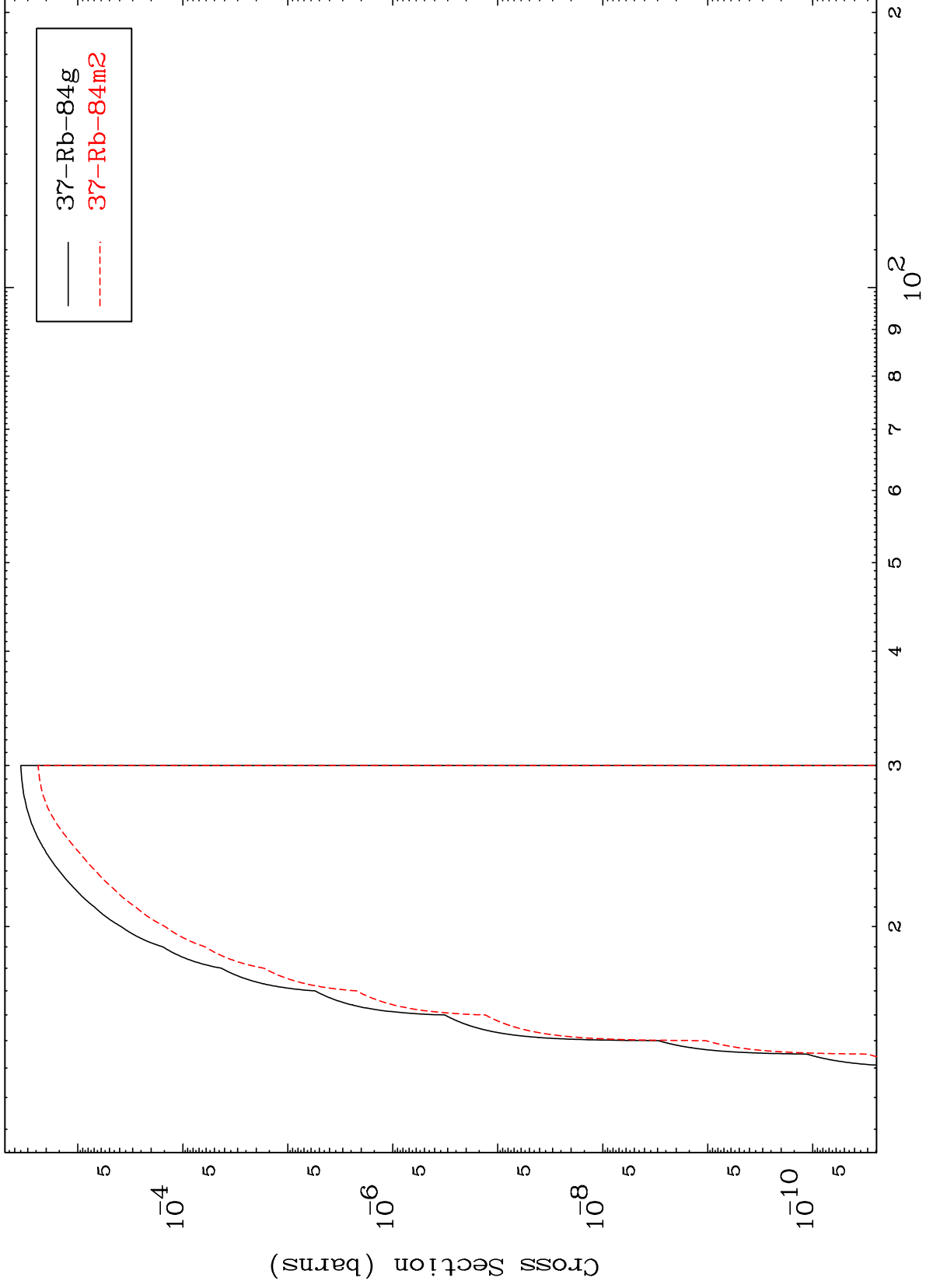


133

Incident Energy (MeV)

38-Sr-86

(n,t)
Radionuclide Production Cross Section

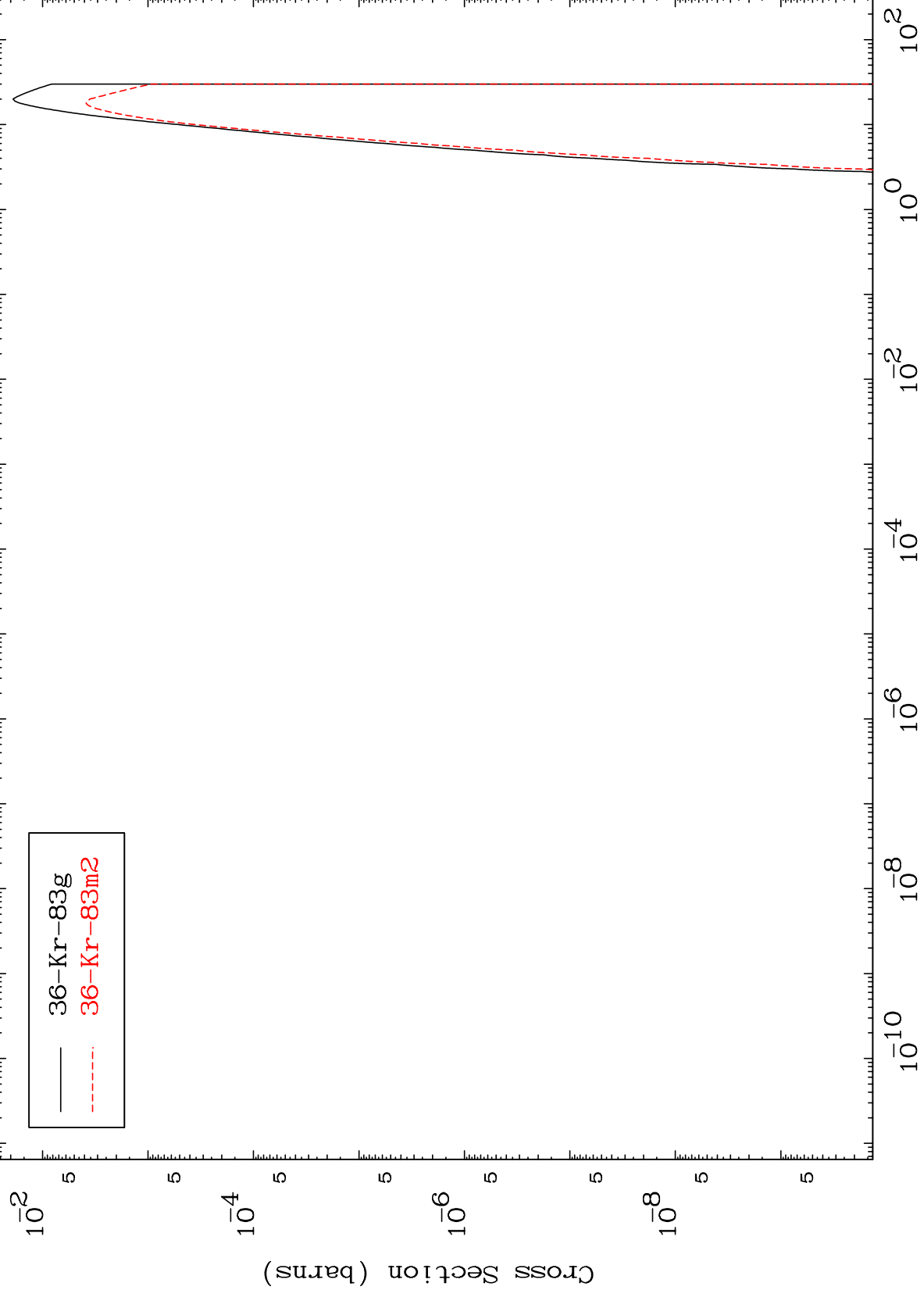


MAT 3831

(n, α)

38-Sr-86

Radionuclide Production Cross Section



135

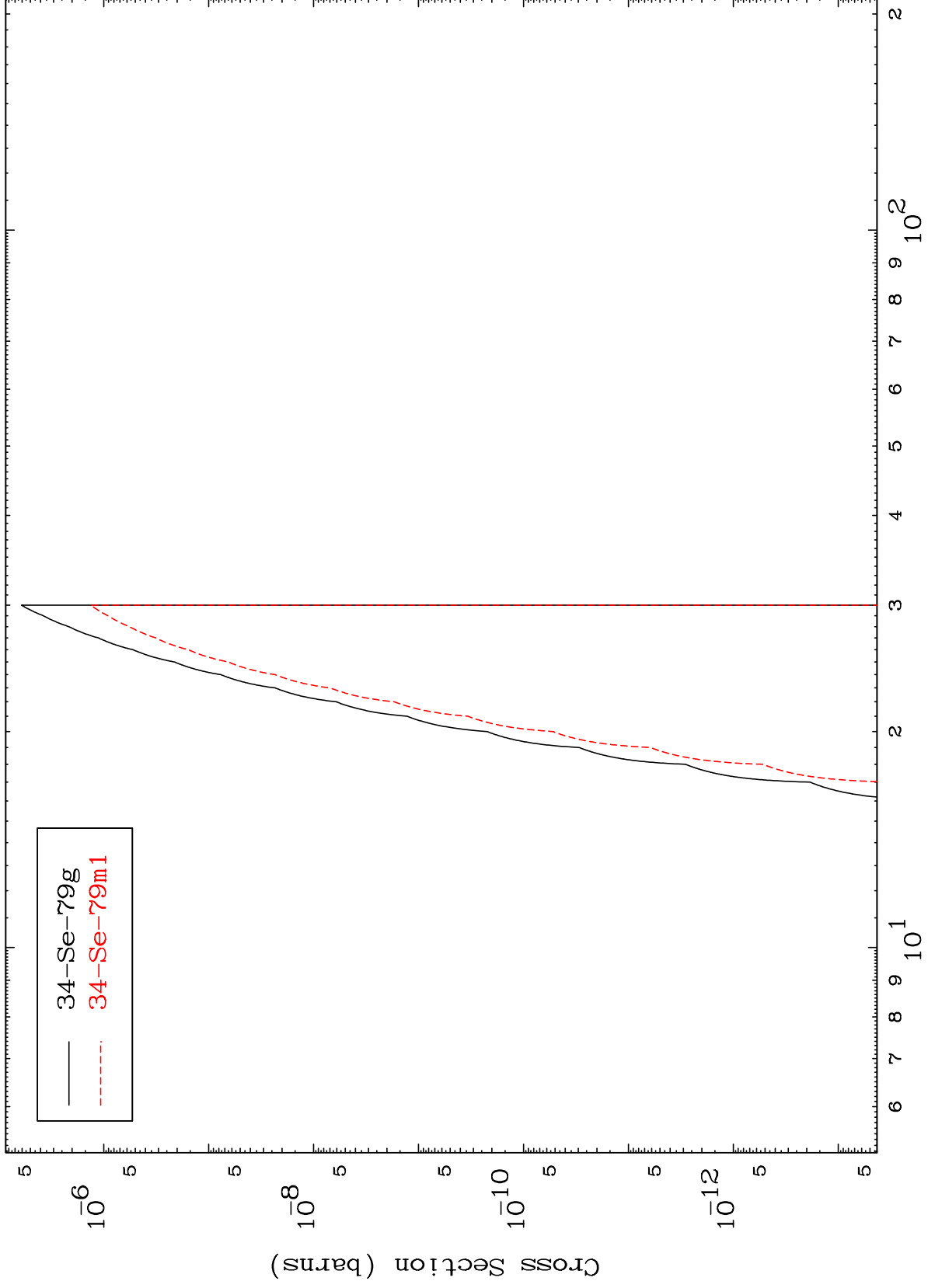
Incident Energy (MeV)

38-Sr-86

MAT 3831

38-Sr-86

(n,2α)
Radionuclide Production Cross Section



136

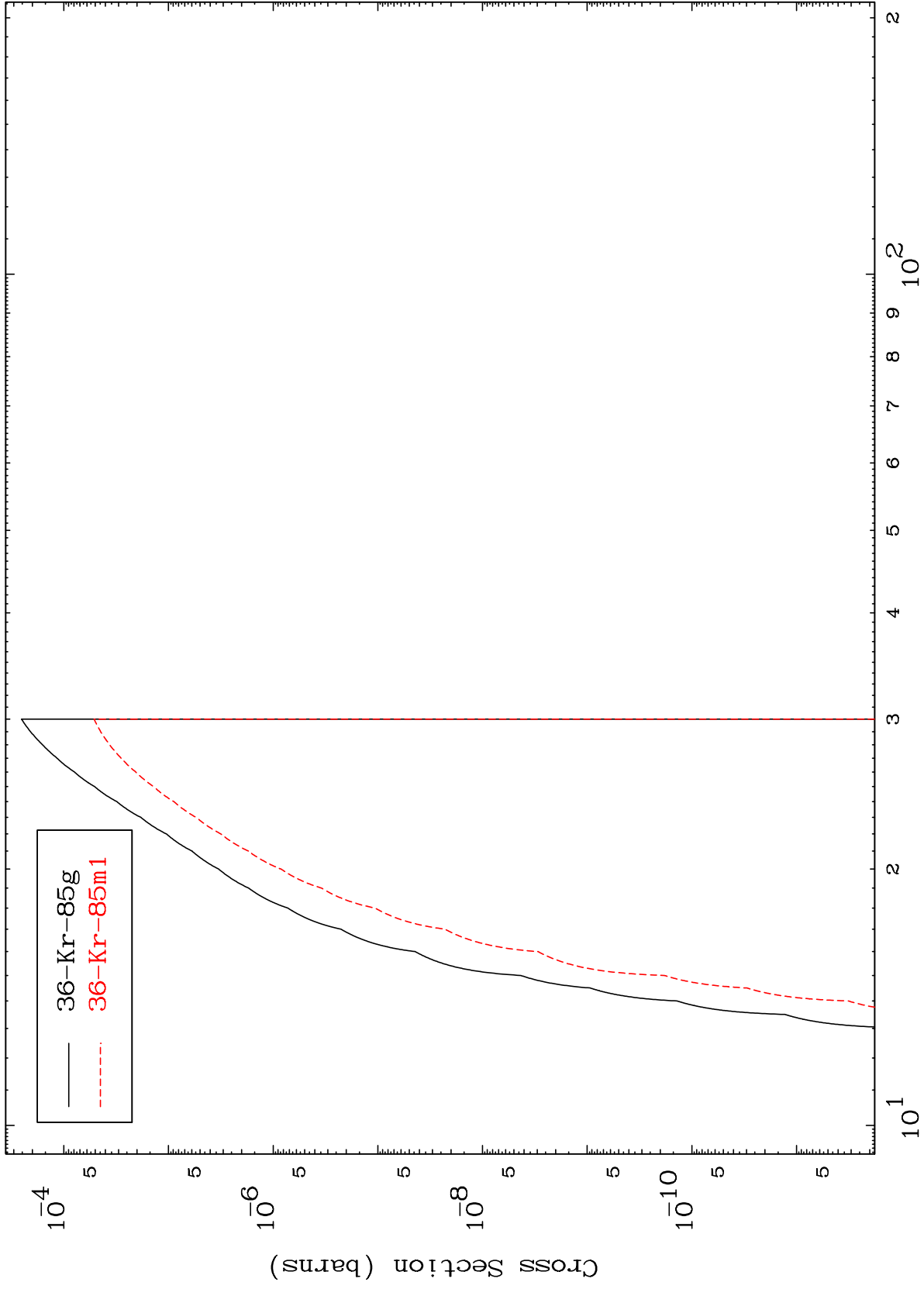
Incident Energy (MeV)

38-Sr-86

MAT 3831

38-Sr-86

(n,2p)
Radionuclide Production Cross Section



— 36-Kr-85g
- - - 36-Kr-85m1

38-Sr-86

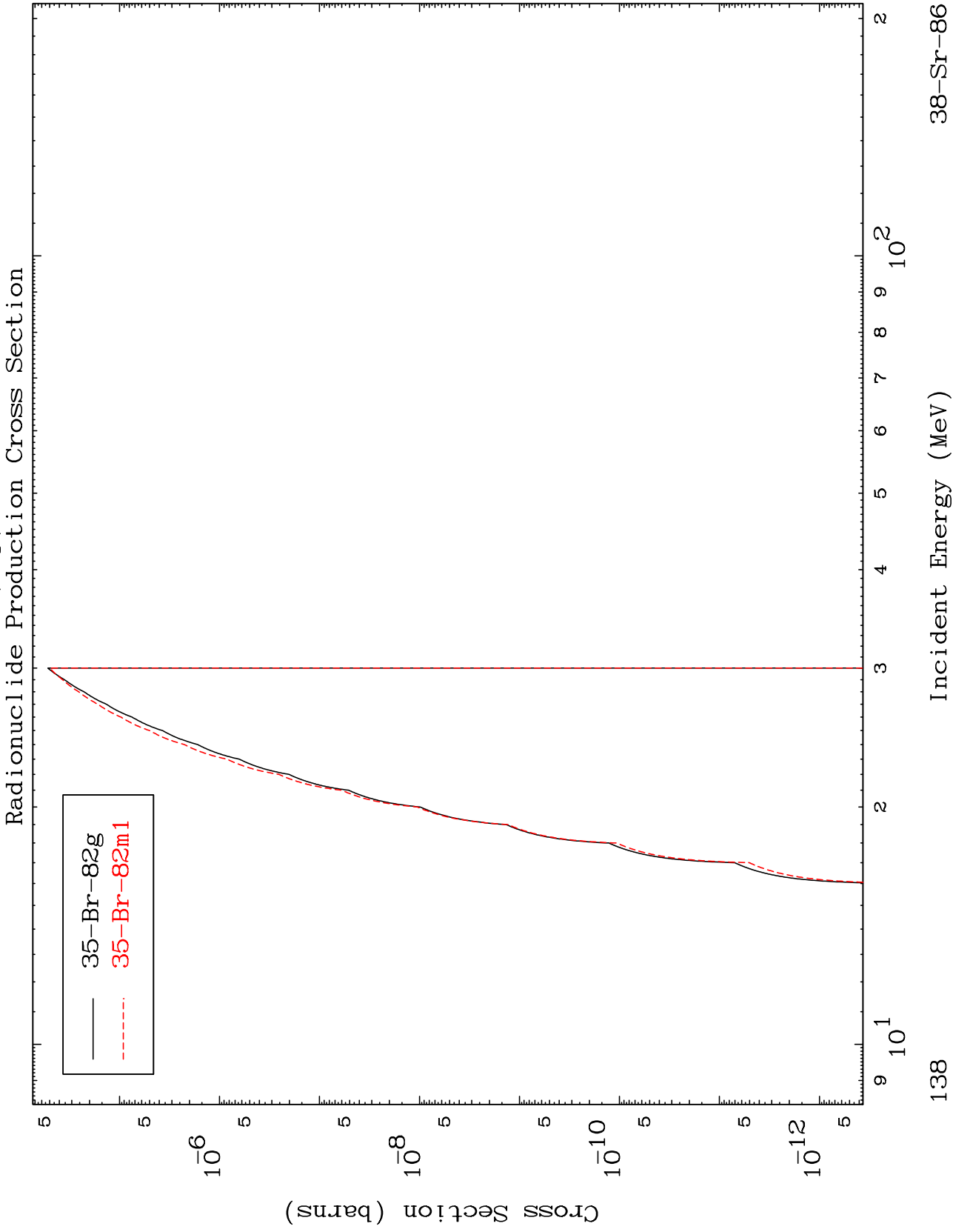
Incident Energy (MeV)

137

MAT 3831

(n,p) α

³⁸Sr-86



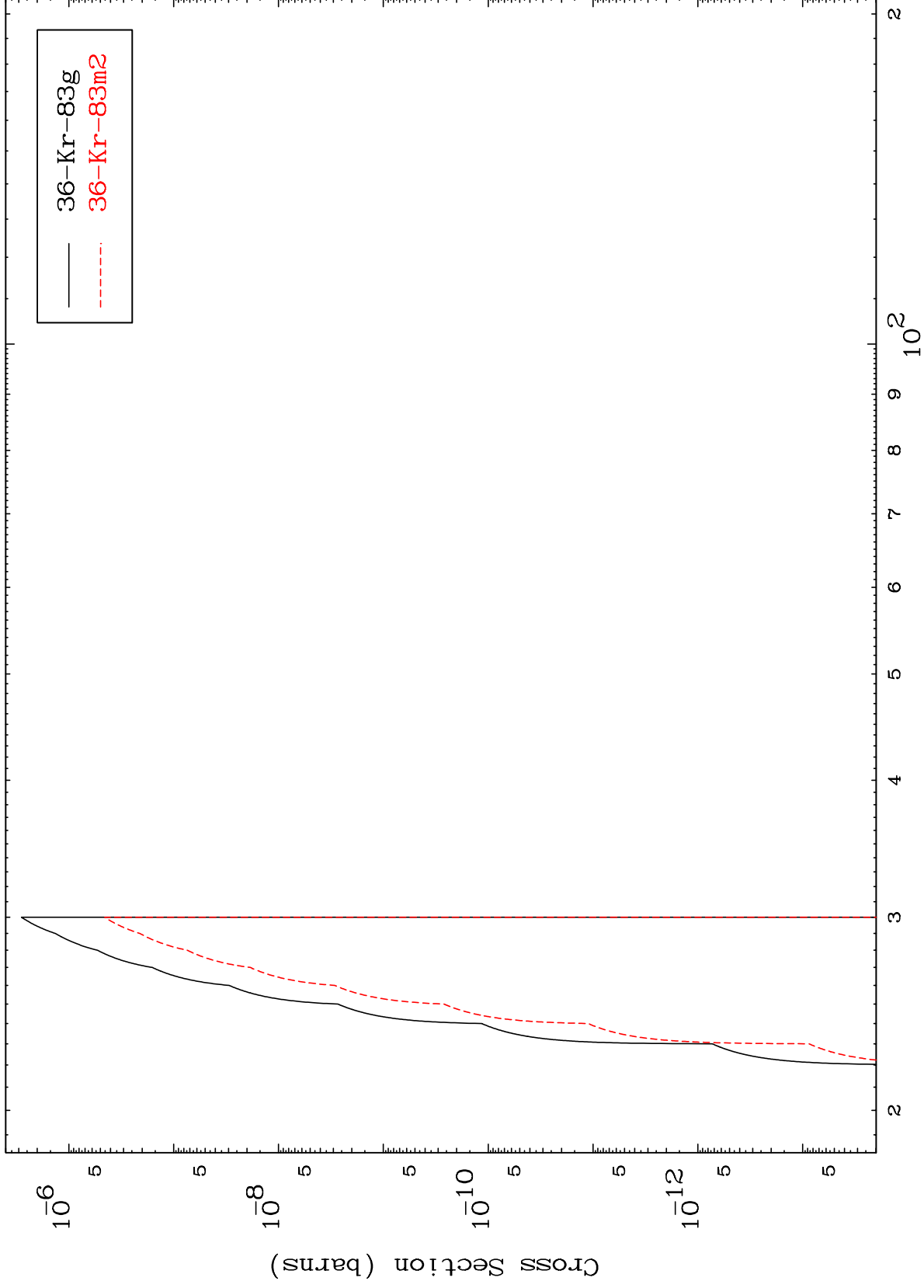
138

MAT 3831

(n,p) t

38-Sr-86

Radionuclide Production Cross Section



139

Incident Energy (MeV)

38-Sr-86