

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

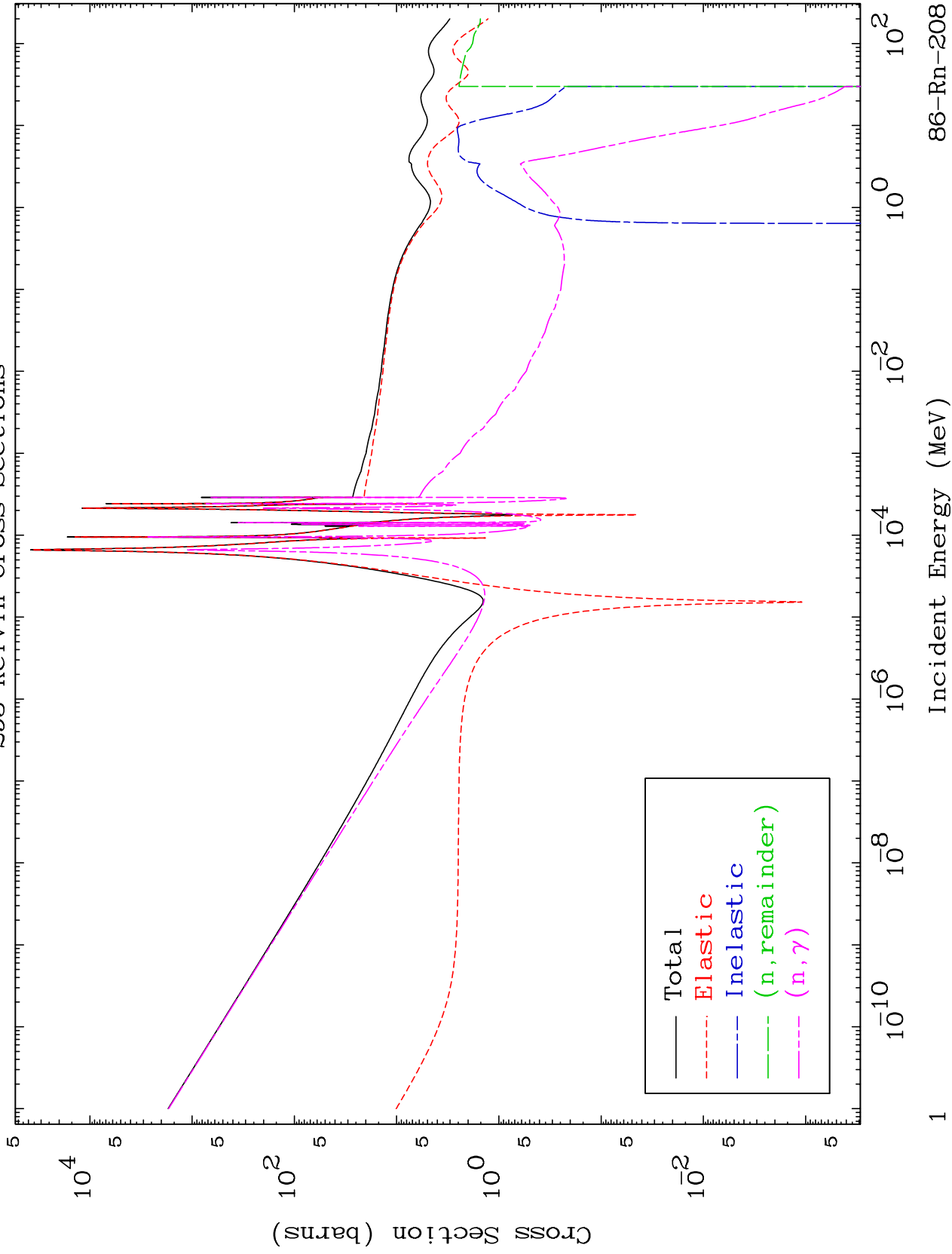
Press Mouse Button to Start

MAT 8616

Major

293 Kelvin Cross Sections

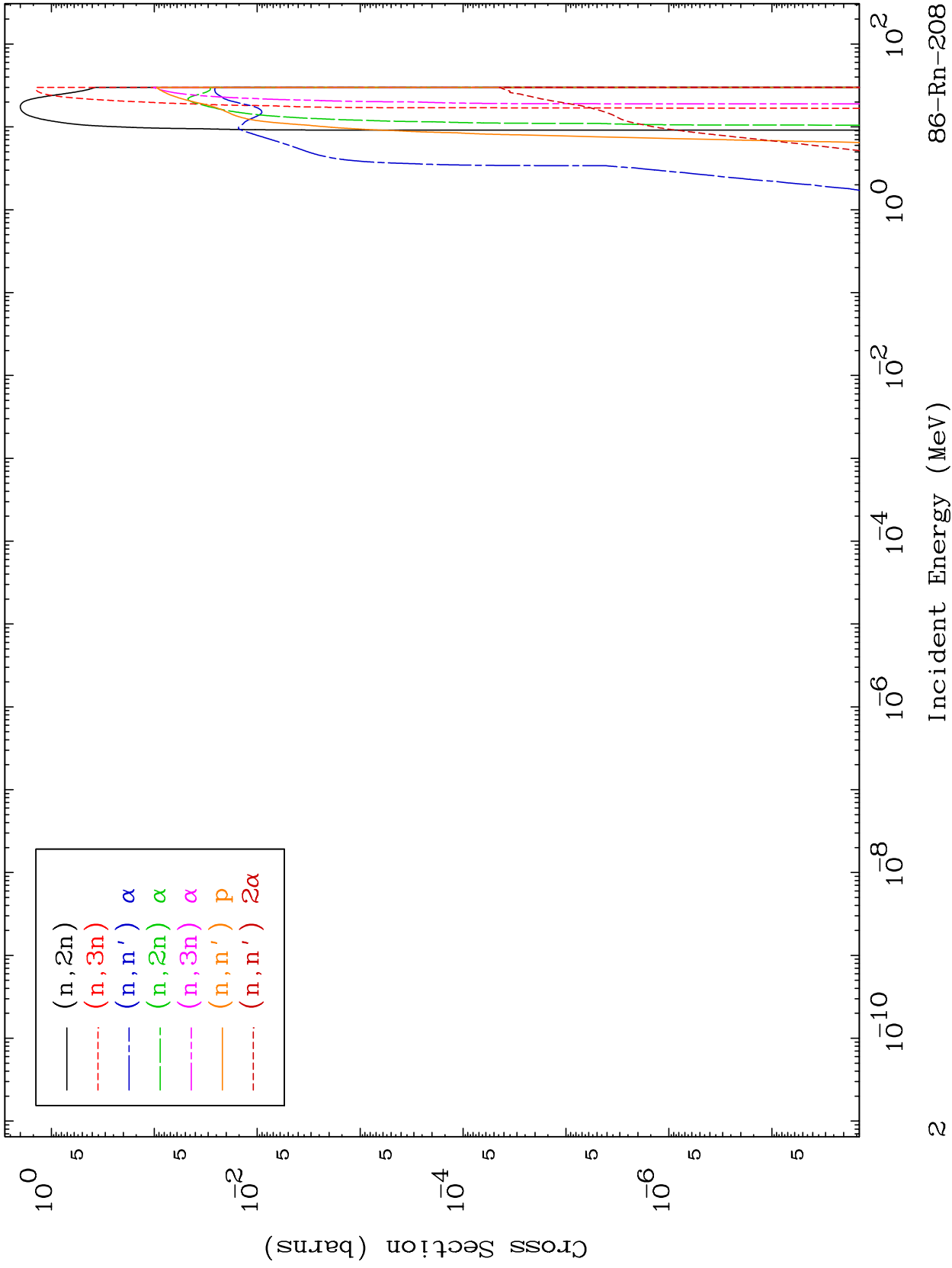
86-Rn-208



MAT 8616

Neutron Production
293 Kelvin Cross Sections

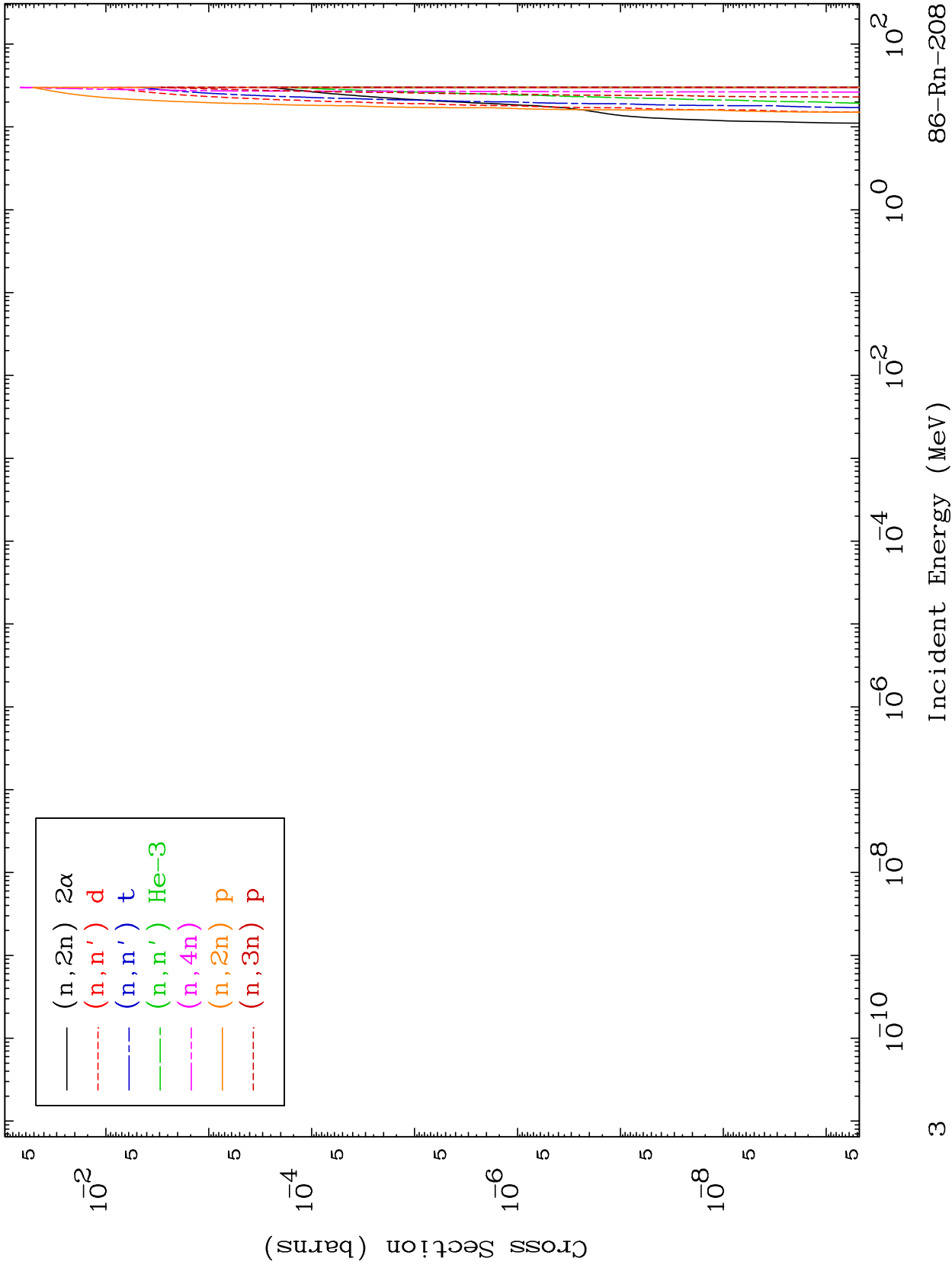
86-Rn-208



MAT 8616

Neutron Production
293 Kelvin Cross Sections

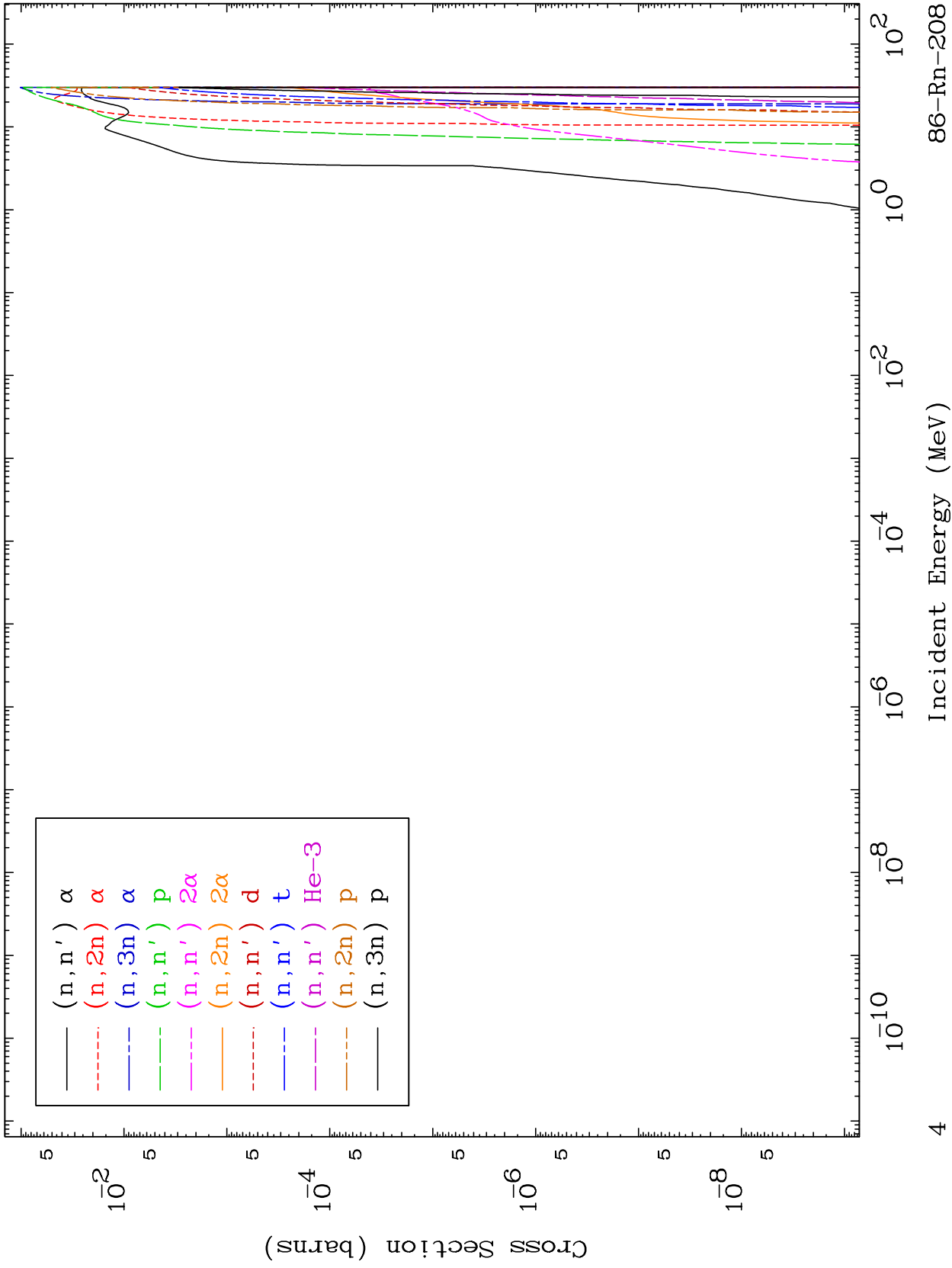
86-Rn-208



MAT 8616

Charged Particle
293 Kelvin Cross Sections

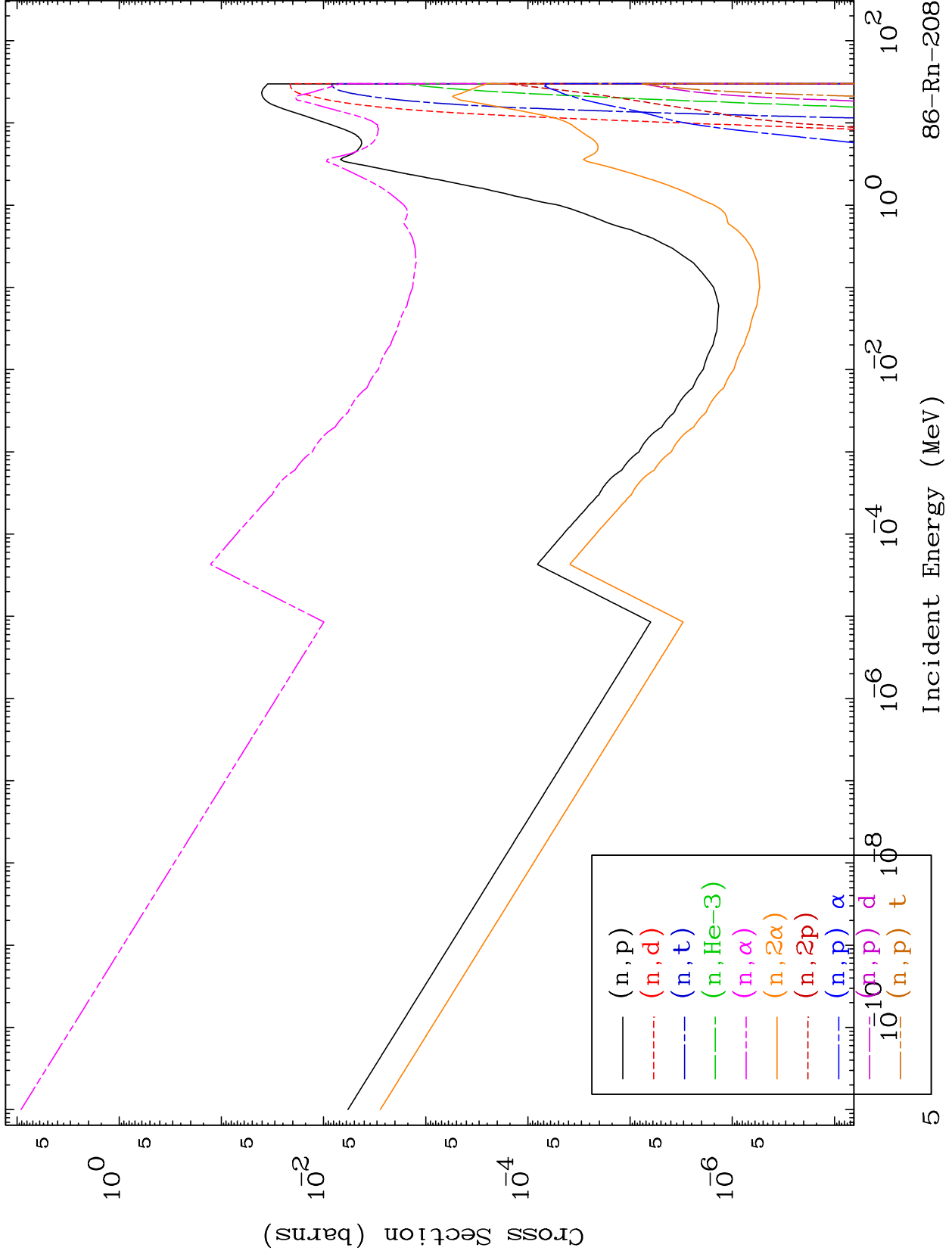
86-Rn-208



MAT 8616

Charged Particle
293 Kelvin Cross Sections

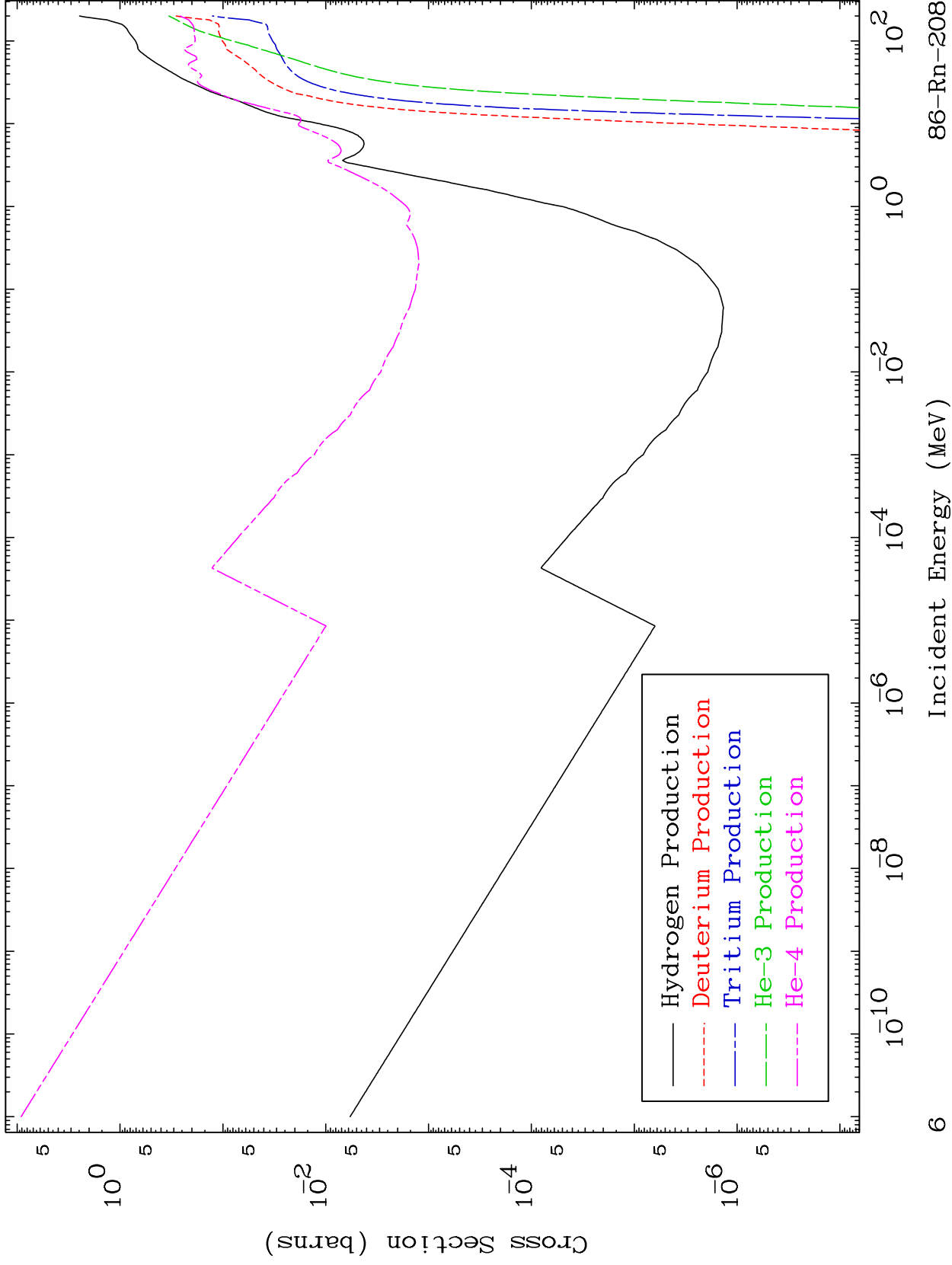
86-Rn-208



MAT 8616

Particle Production
293 Kelvin Cross Sections

86-Rn-208

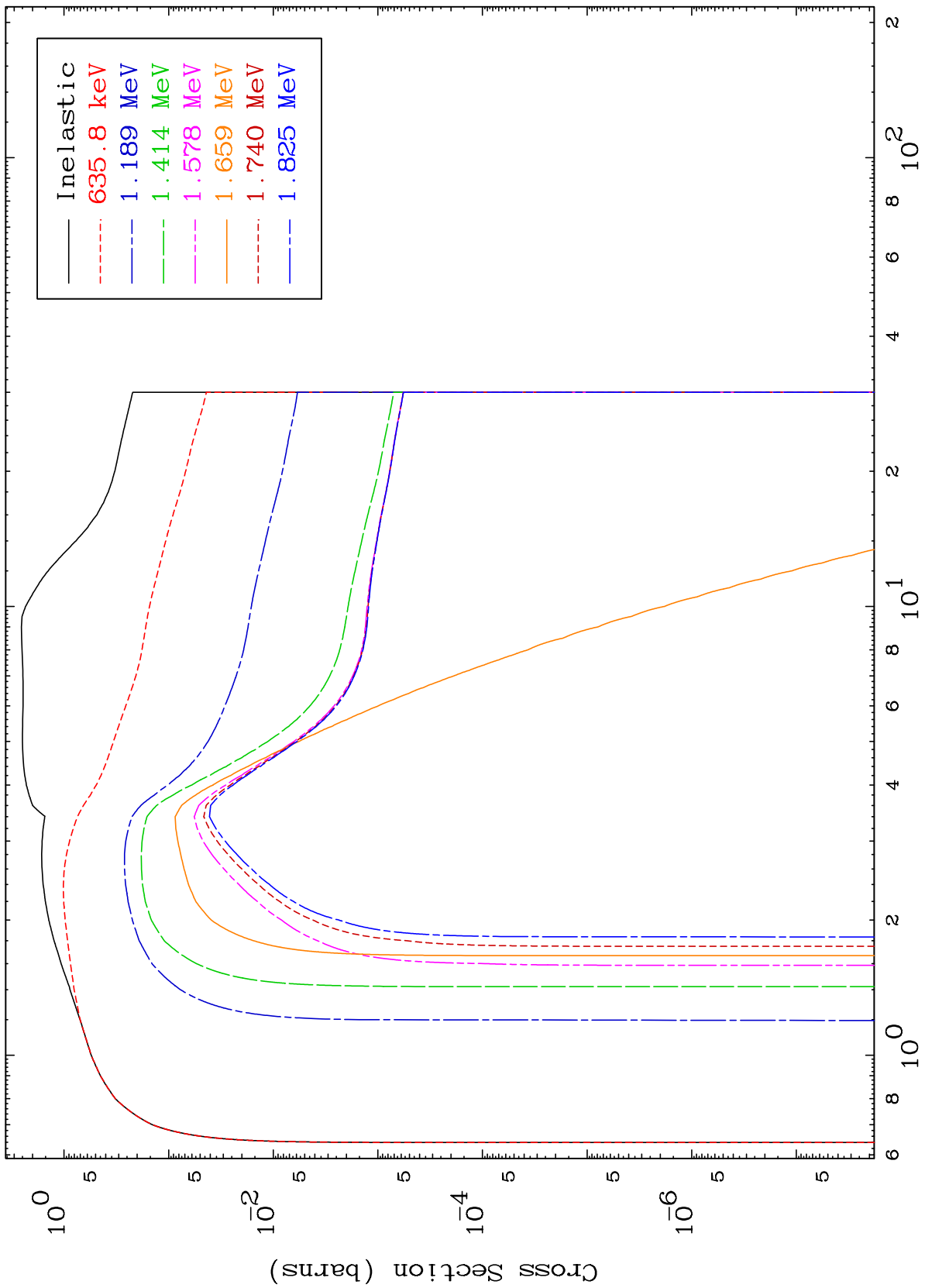


MAT 8616

(n,n') Level

86-Rn-208

293 Kelvin Cross Sections



7

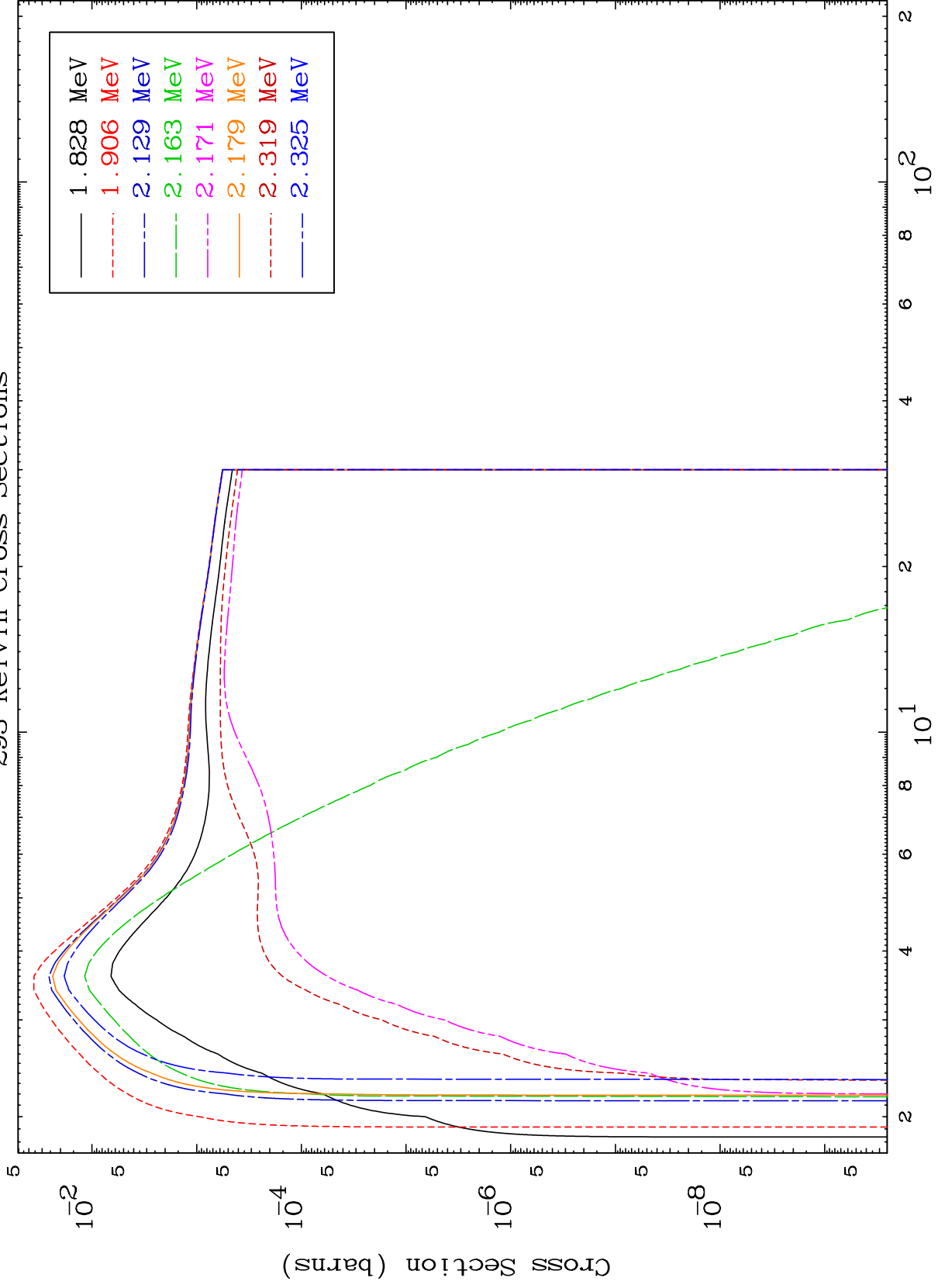
Incident Energy (MeV)

86-Rn-208

MAT 8616

(n,n') Level
293 Kelvin Cross Sections

86-Rn-208

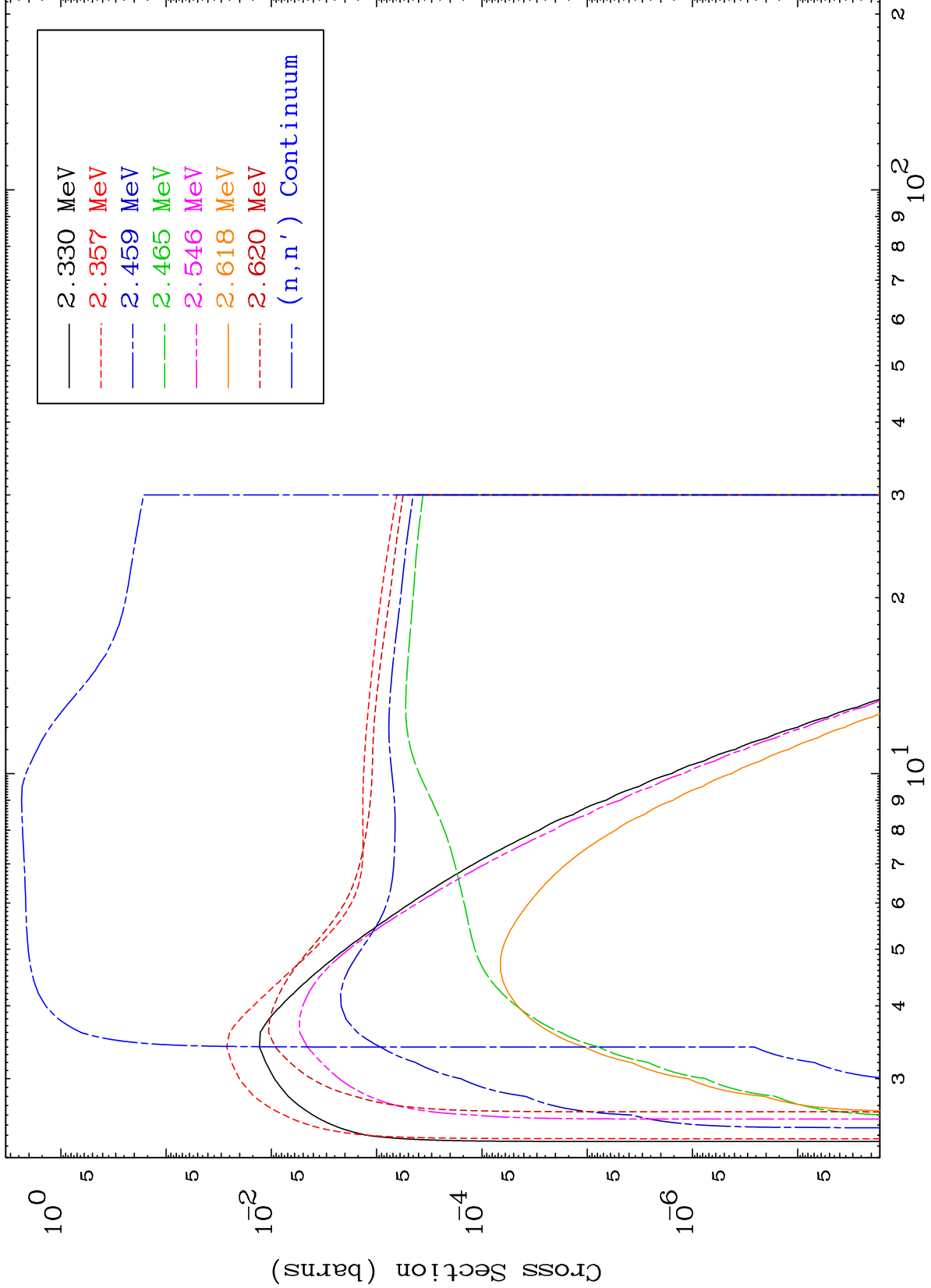


8

Incident Energy (MeV)

86-Rn-208

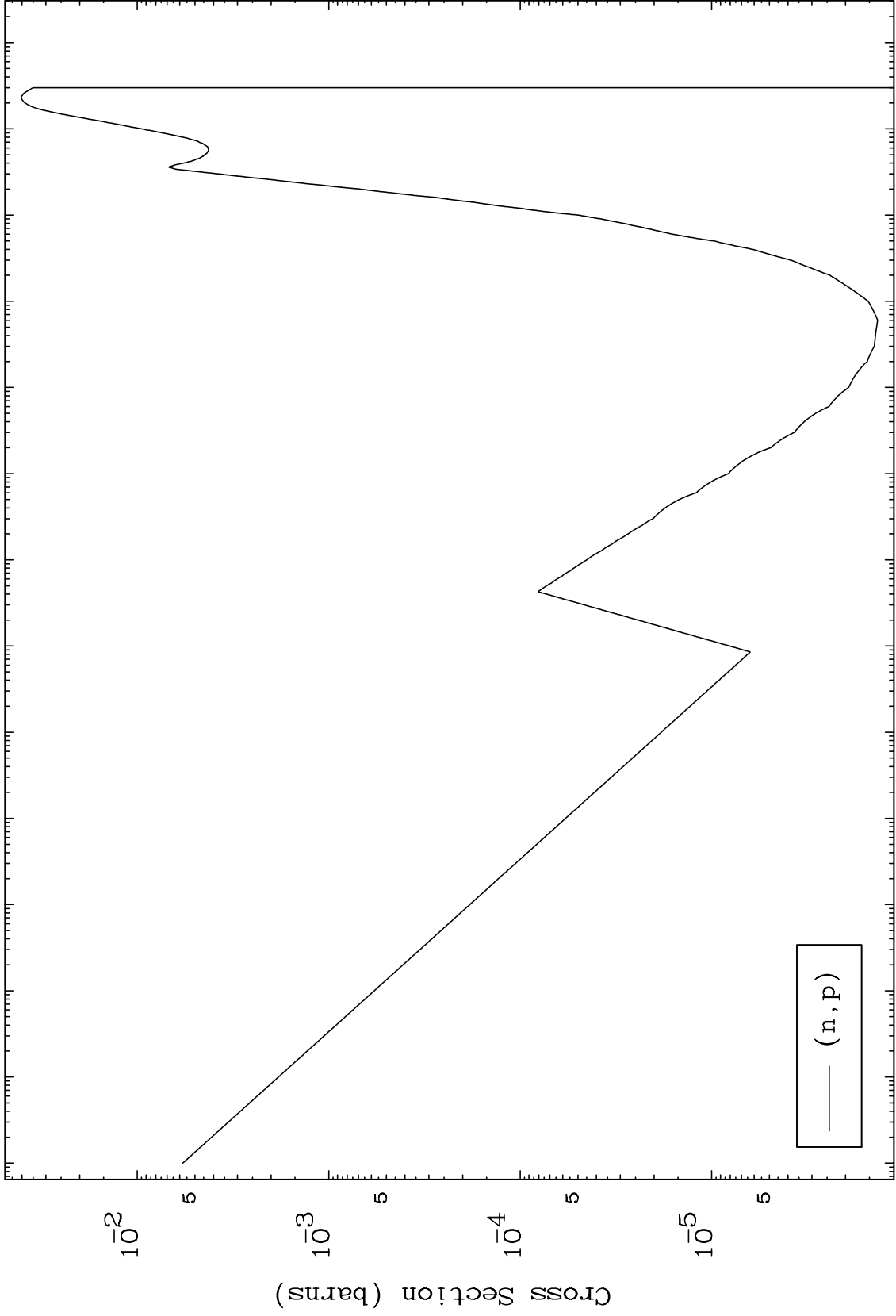
293 Kelvin Cross Sections



MAT 8616

(n,p) Levels
293 Kelvin Cross Sections

86-Rn-208



10

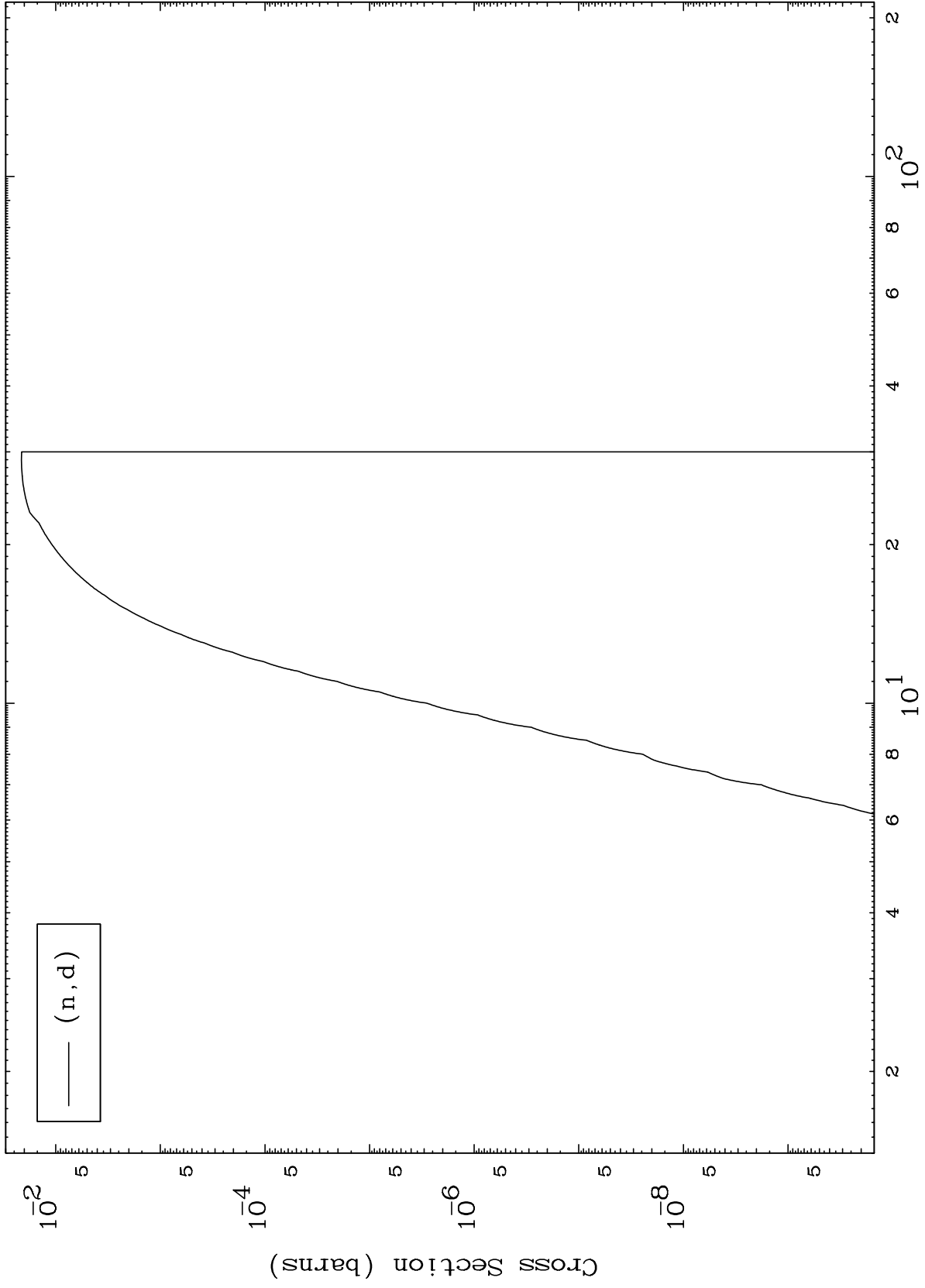
Incident Energy (MeV)

86-Rn-208

MAT 8616

(n,d) Levels
293 Kelvin Cross Sections

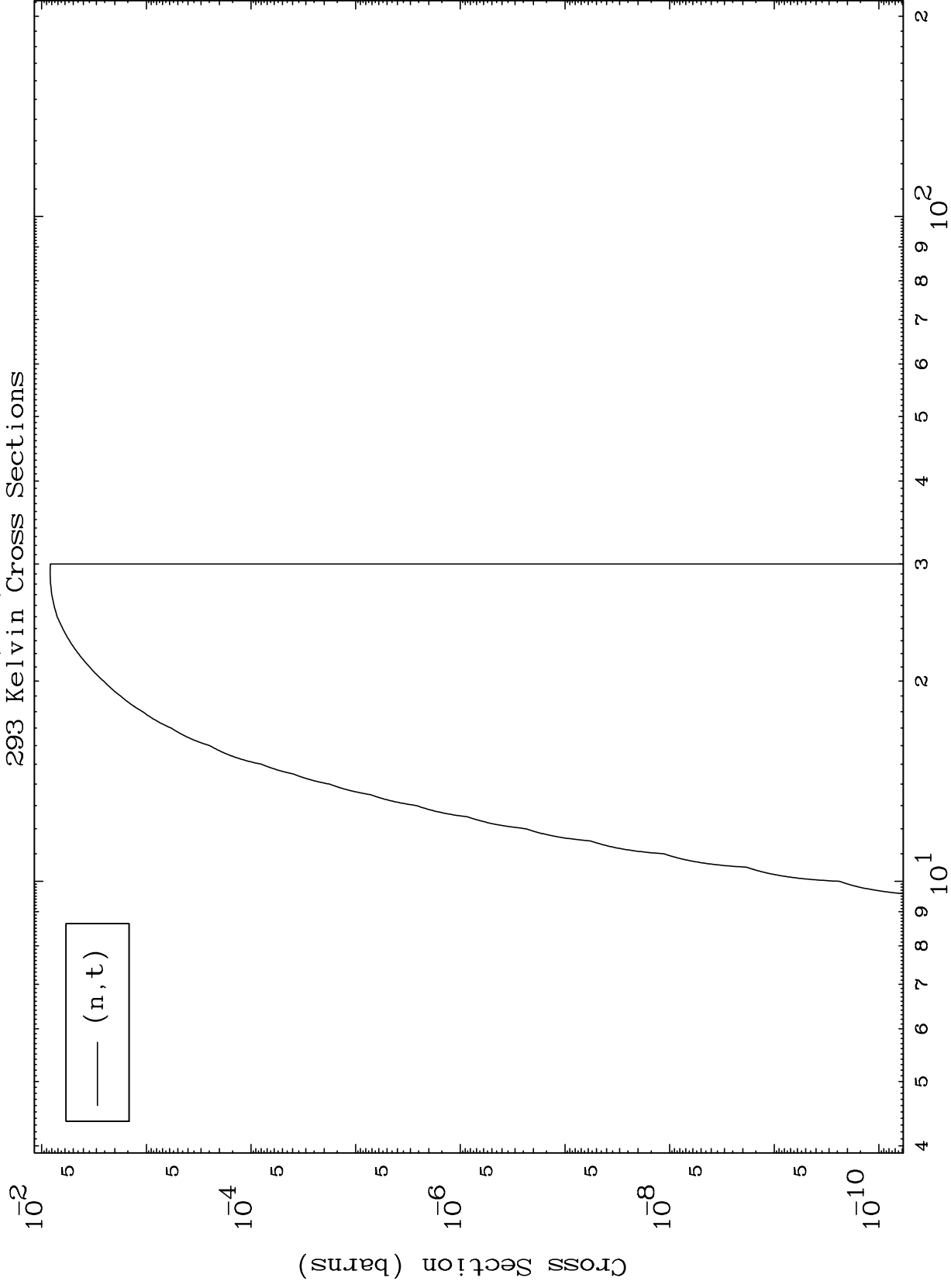
86-Rn-208



MAT 8616

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-208



12

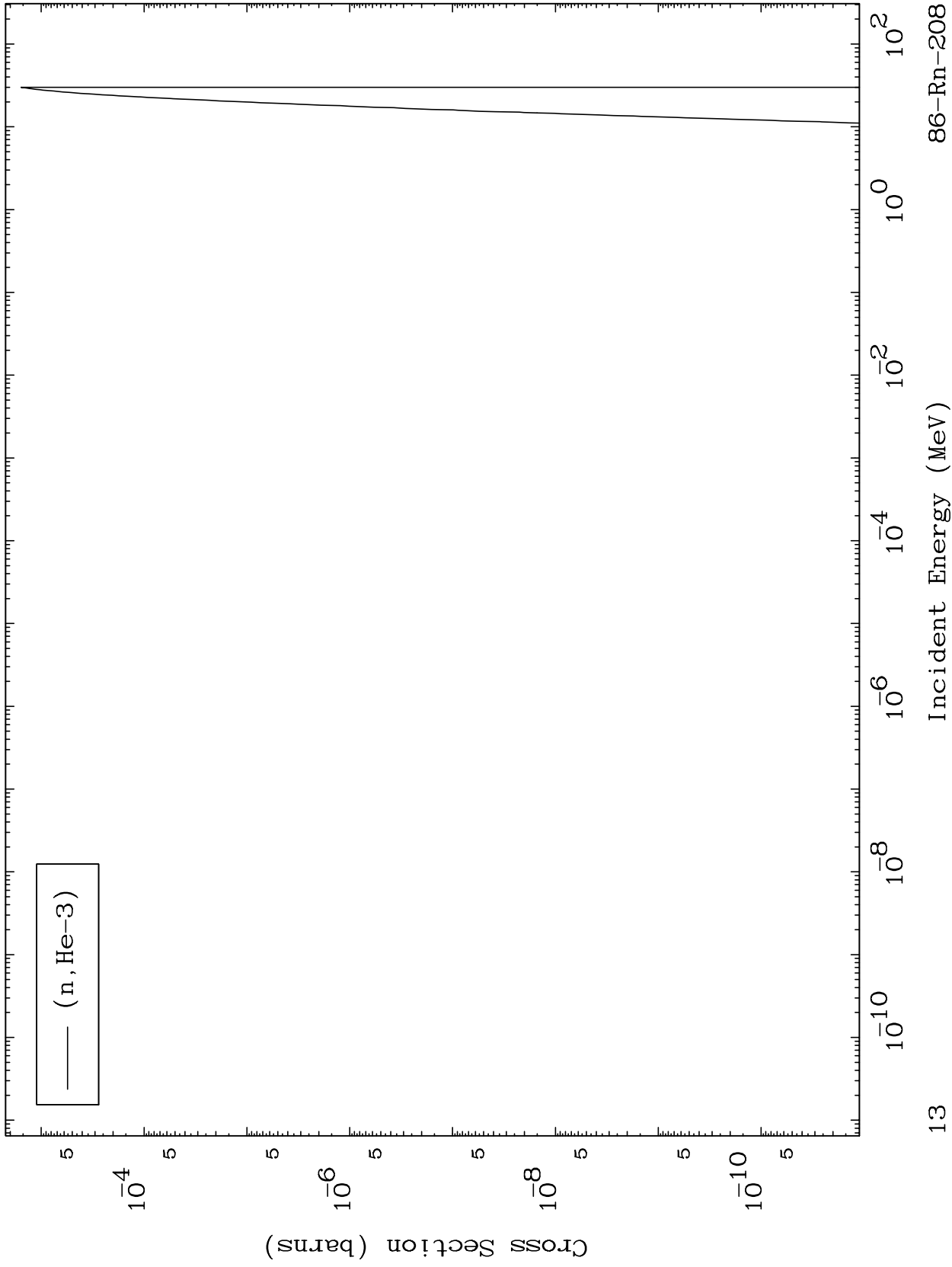
Incident Energy (MeV)

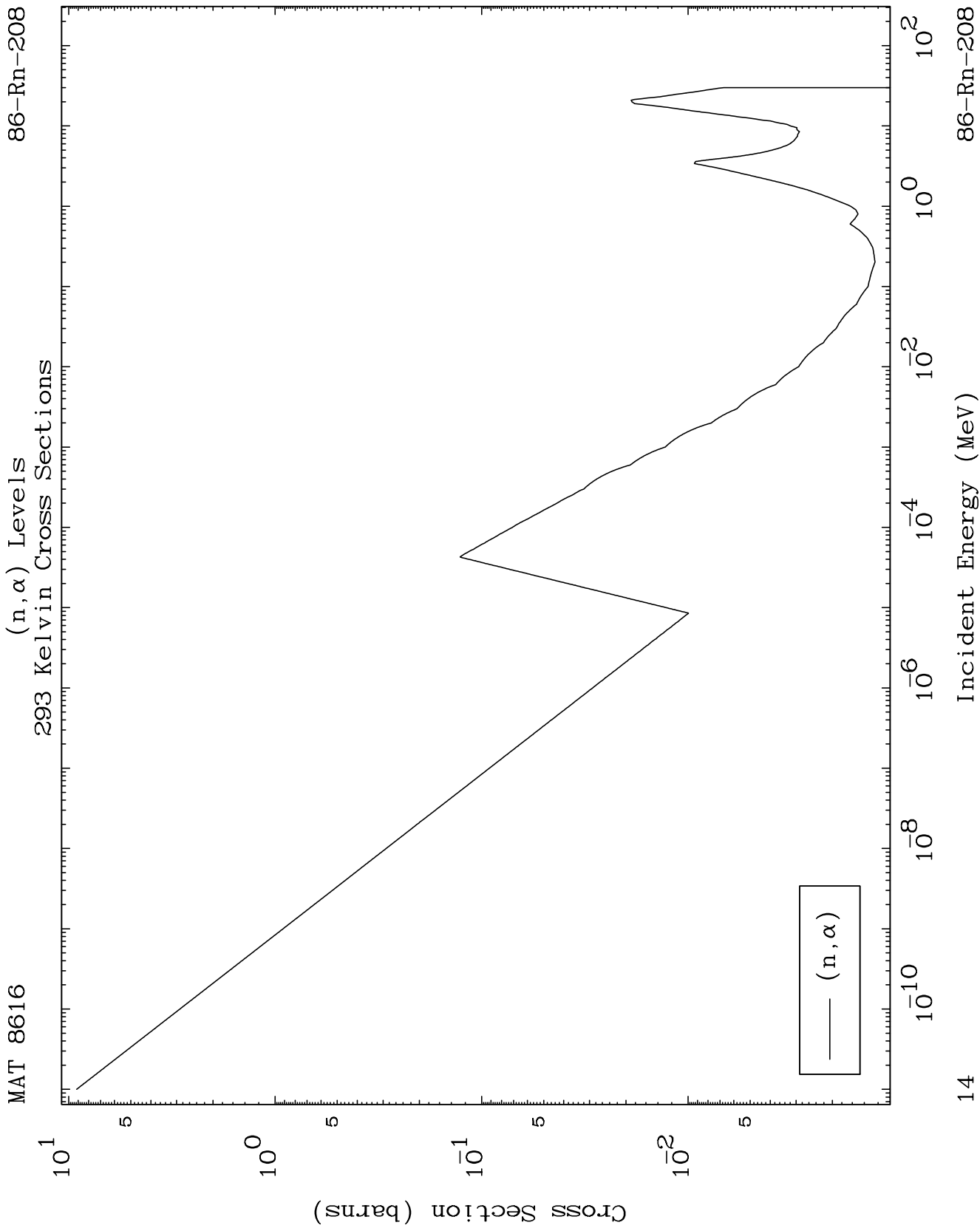
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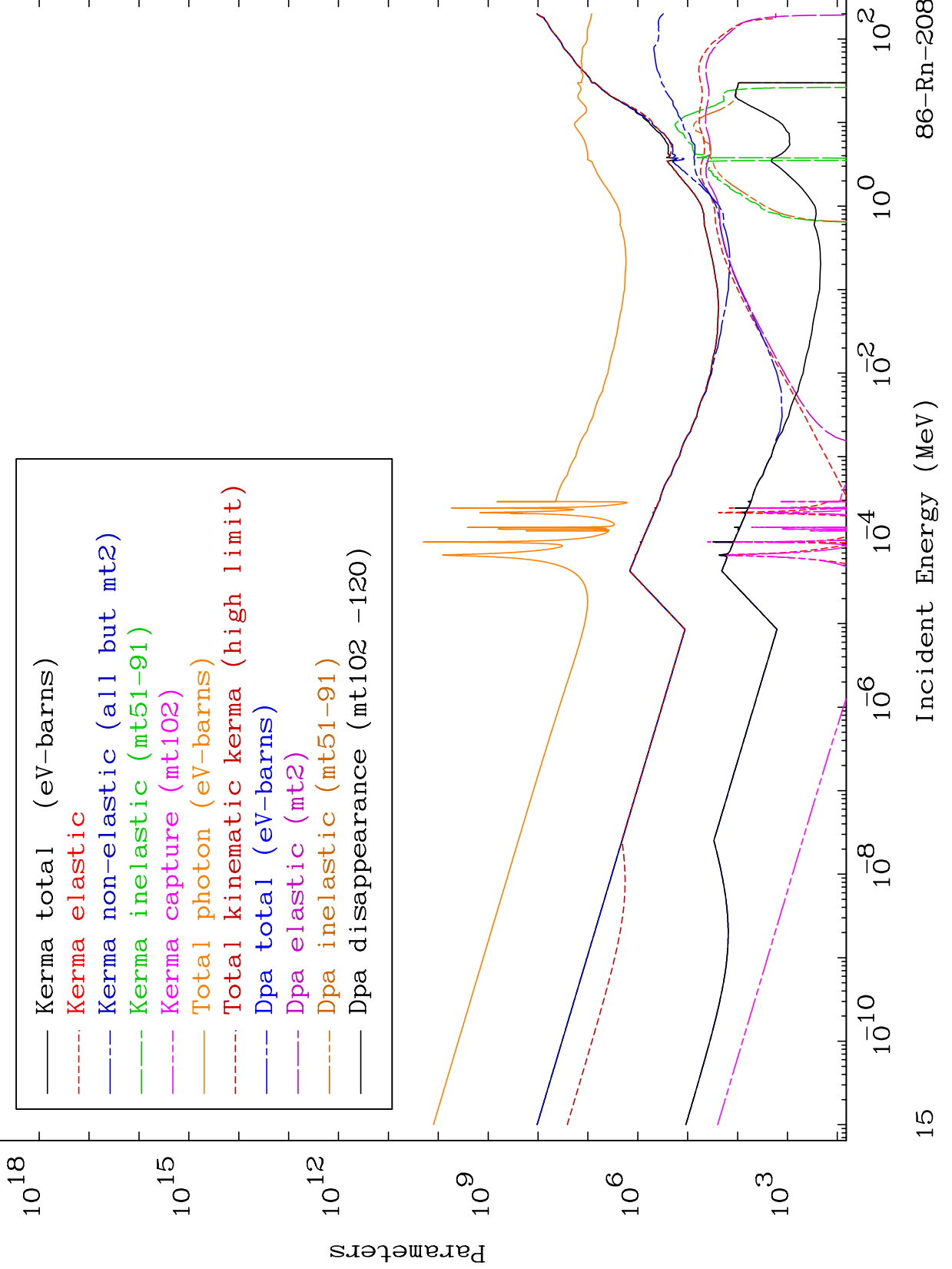
MAT 8616

(n,He3) Levels
293 Kelvin Cross Sections

86-Rn-208



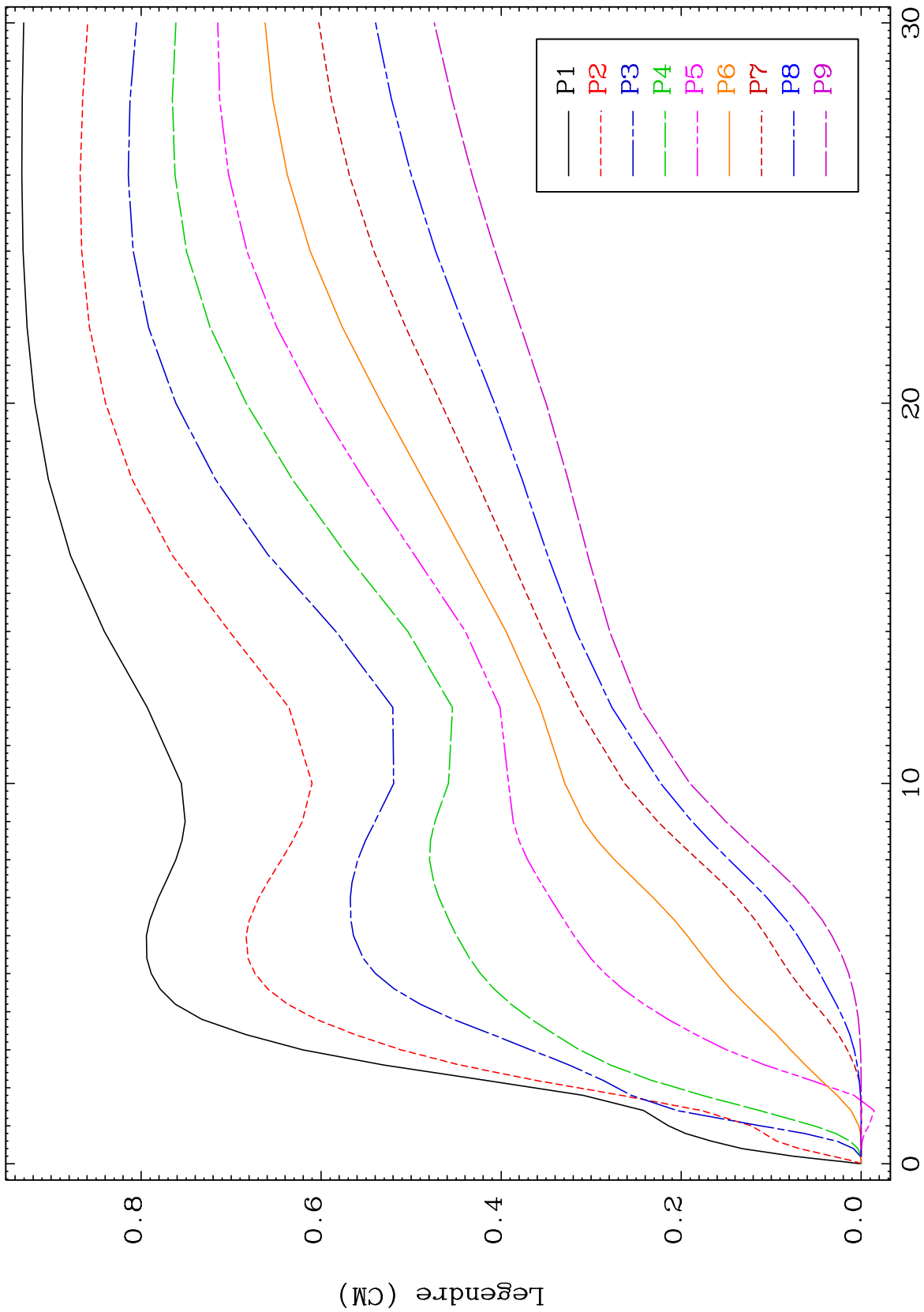




MAT 8616

86-Rn-208

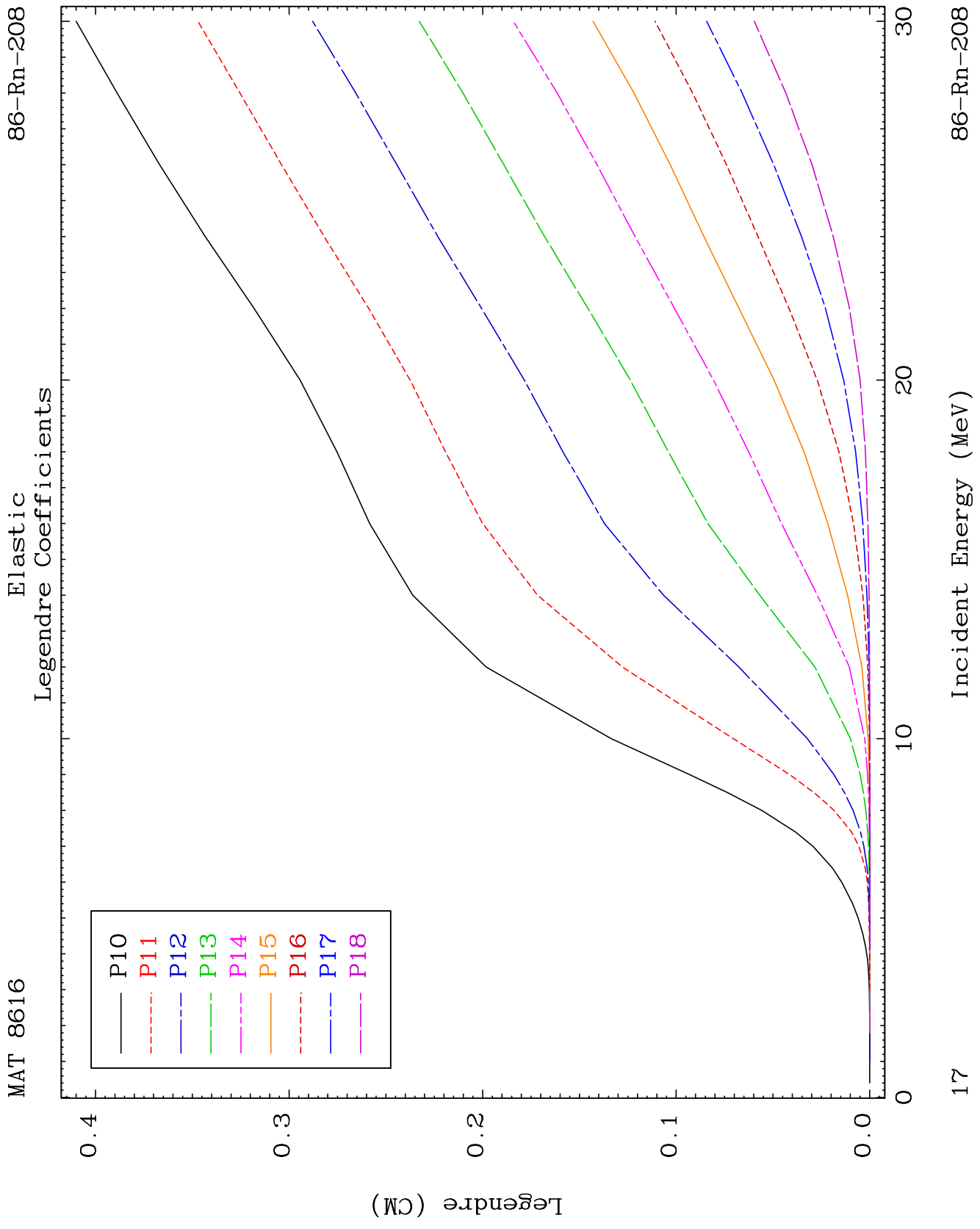
Elastic Legendre Coefficients



86-Rn-208

Incident Energy (MeV)

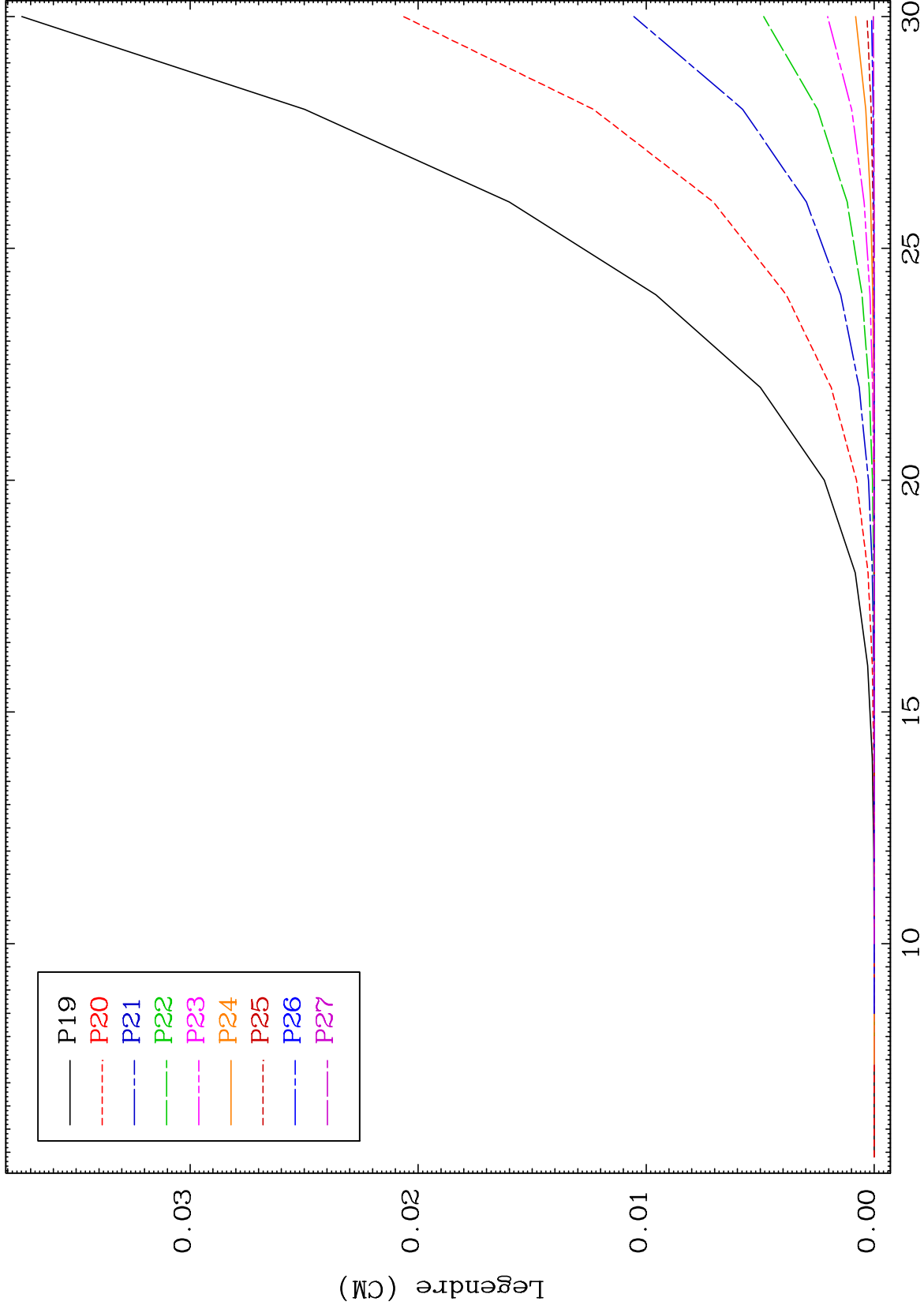
16



MAT 8616

Elastic
Legendre Coefficients

86-Rn-208



18

Incident Energy (MeV)

86-Rn-208

30

25

20

15

10

Legendre (CM)

0.03

0.02

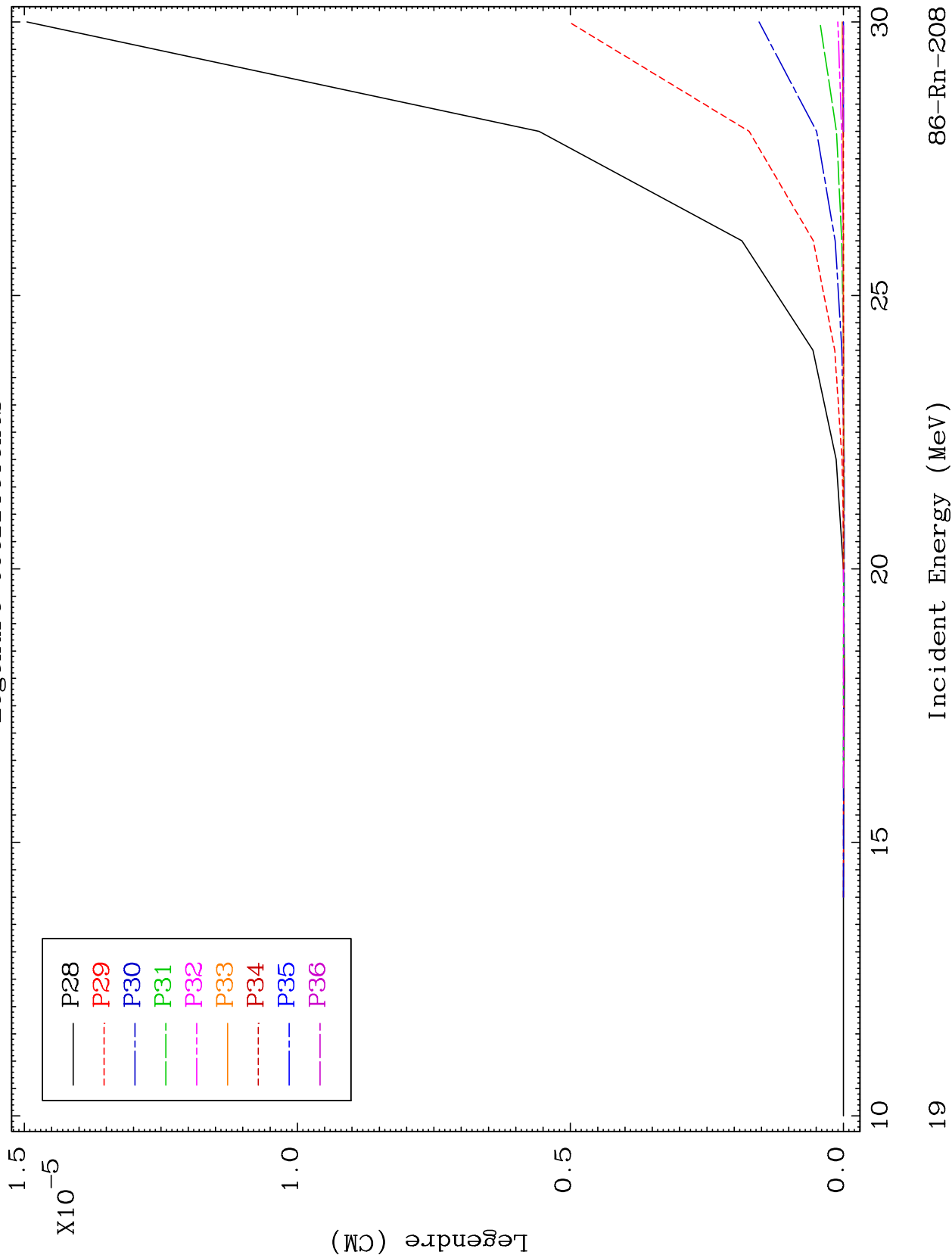
0.01

0.00

MAT 8616

Elastic Legendre Coefficients

86-Rn-208



19

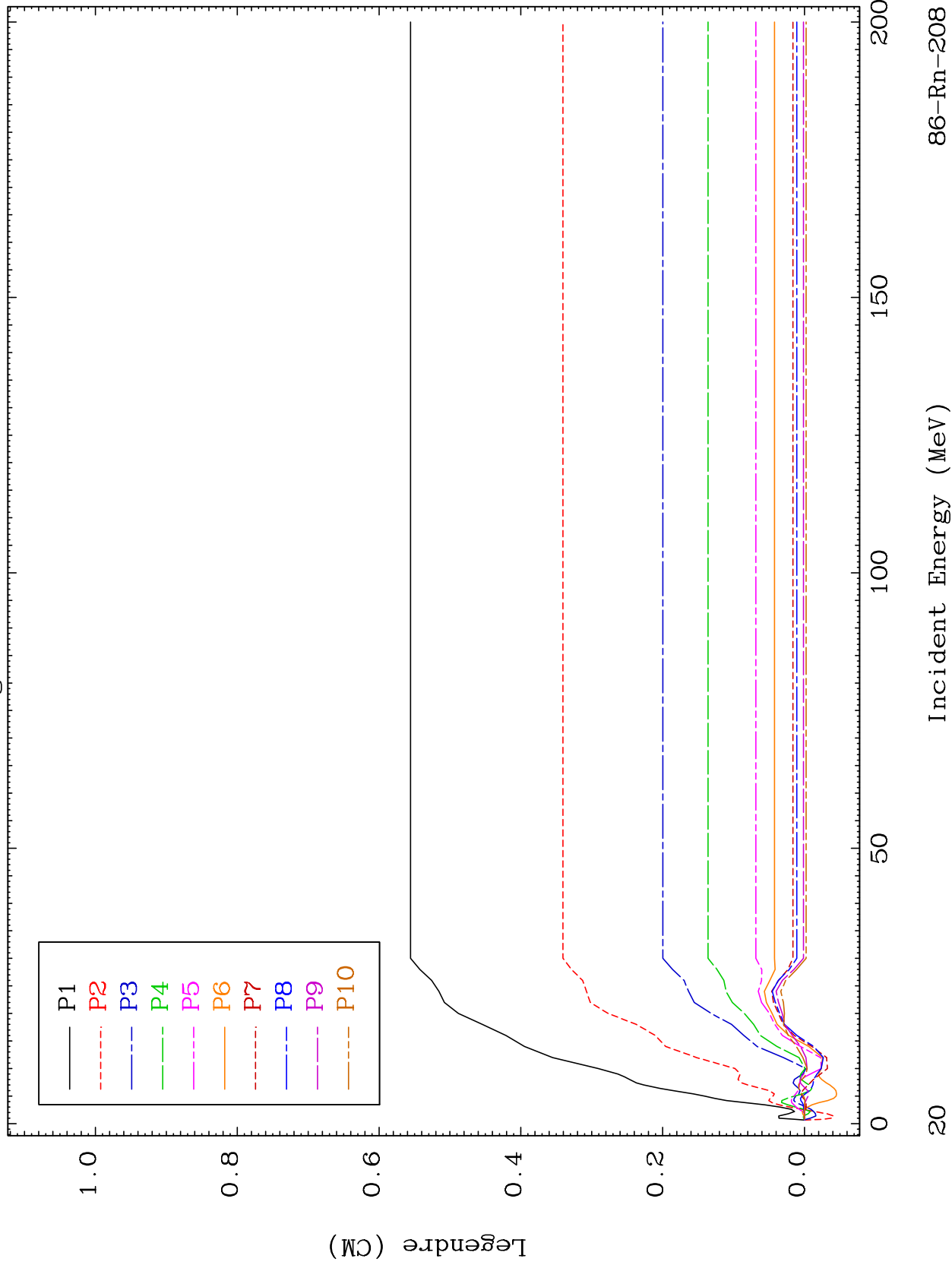
Incident Energy (MeV)

86-Rn-208

MAT 8616

635.8 keV (n, n') Level
Legendre Coefficients

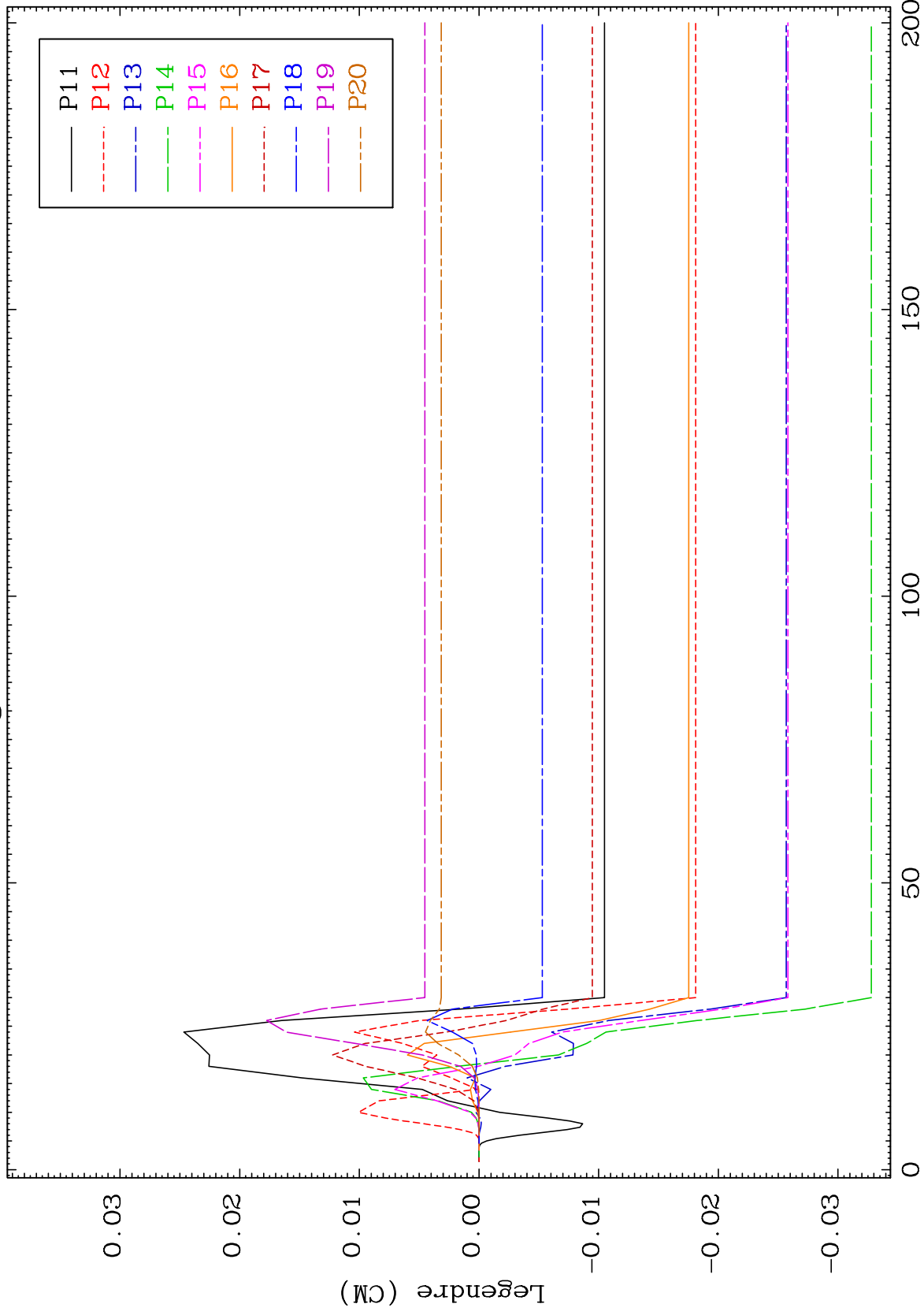
86-Rn-208



MAT 8616

635.8 keV (n,n') Level
Legendre Coefficients

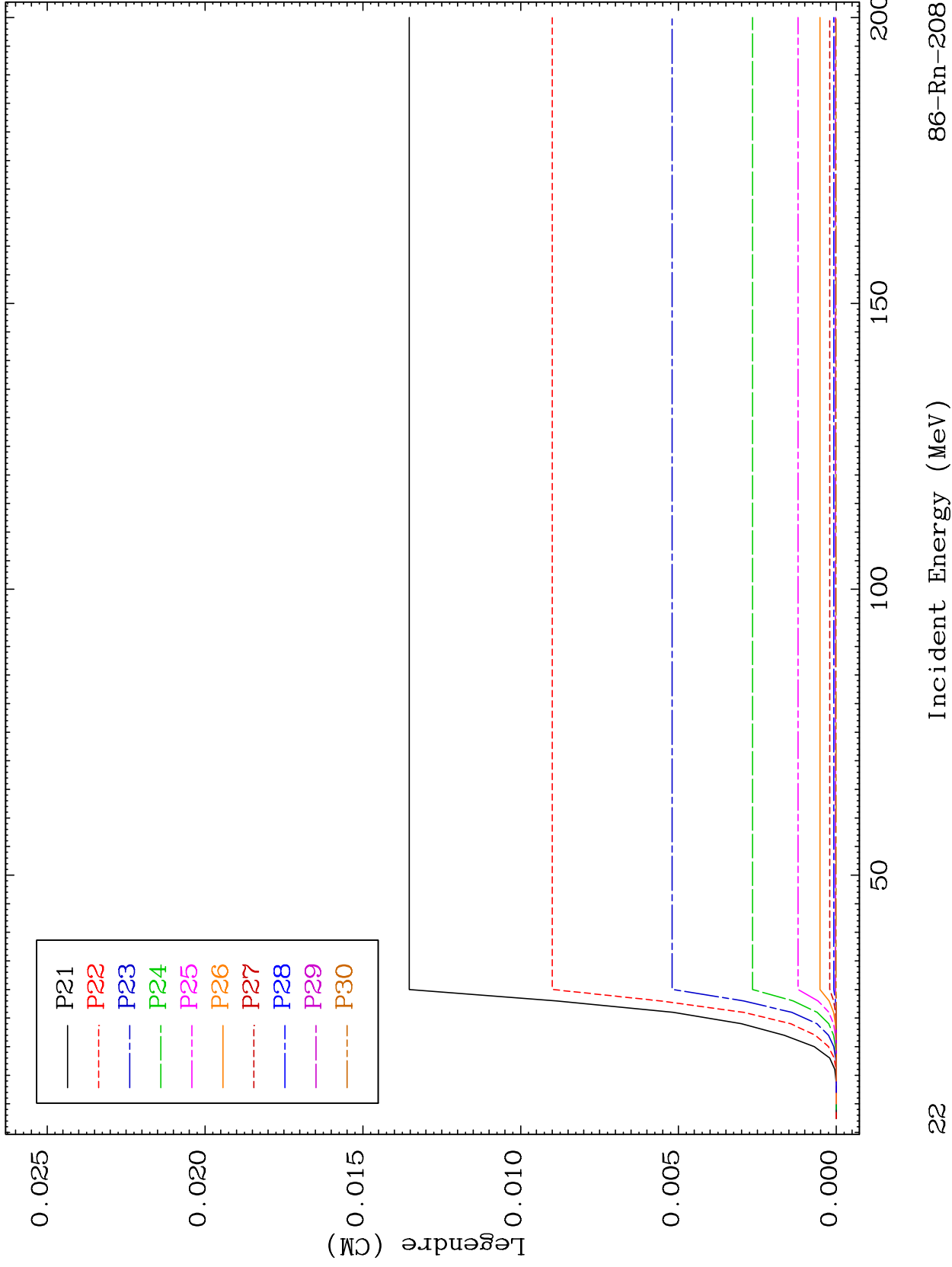
86-Rn-208



21

Incident Energy (MeV)

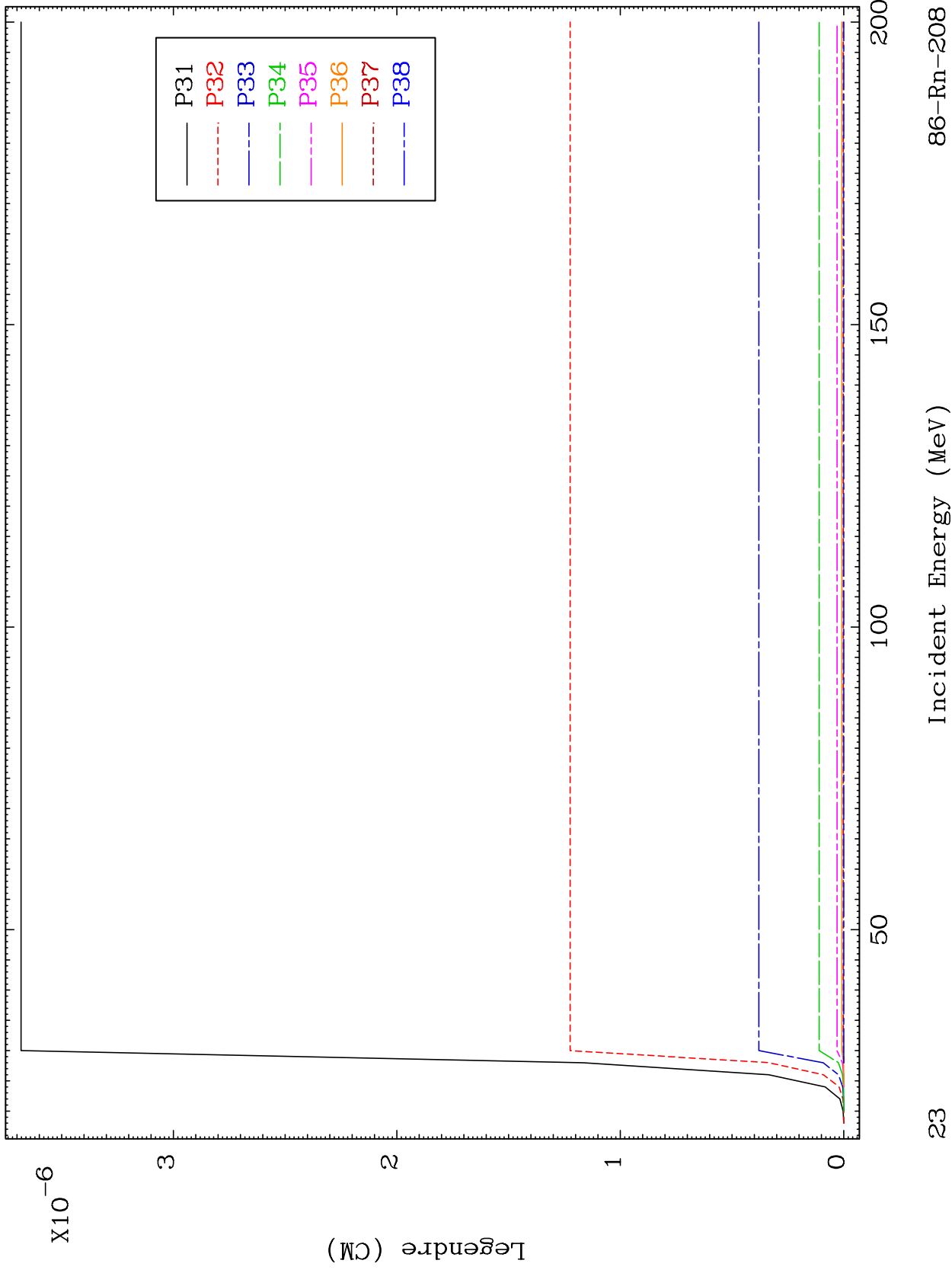
86-Rn-208



MAT 8616

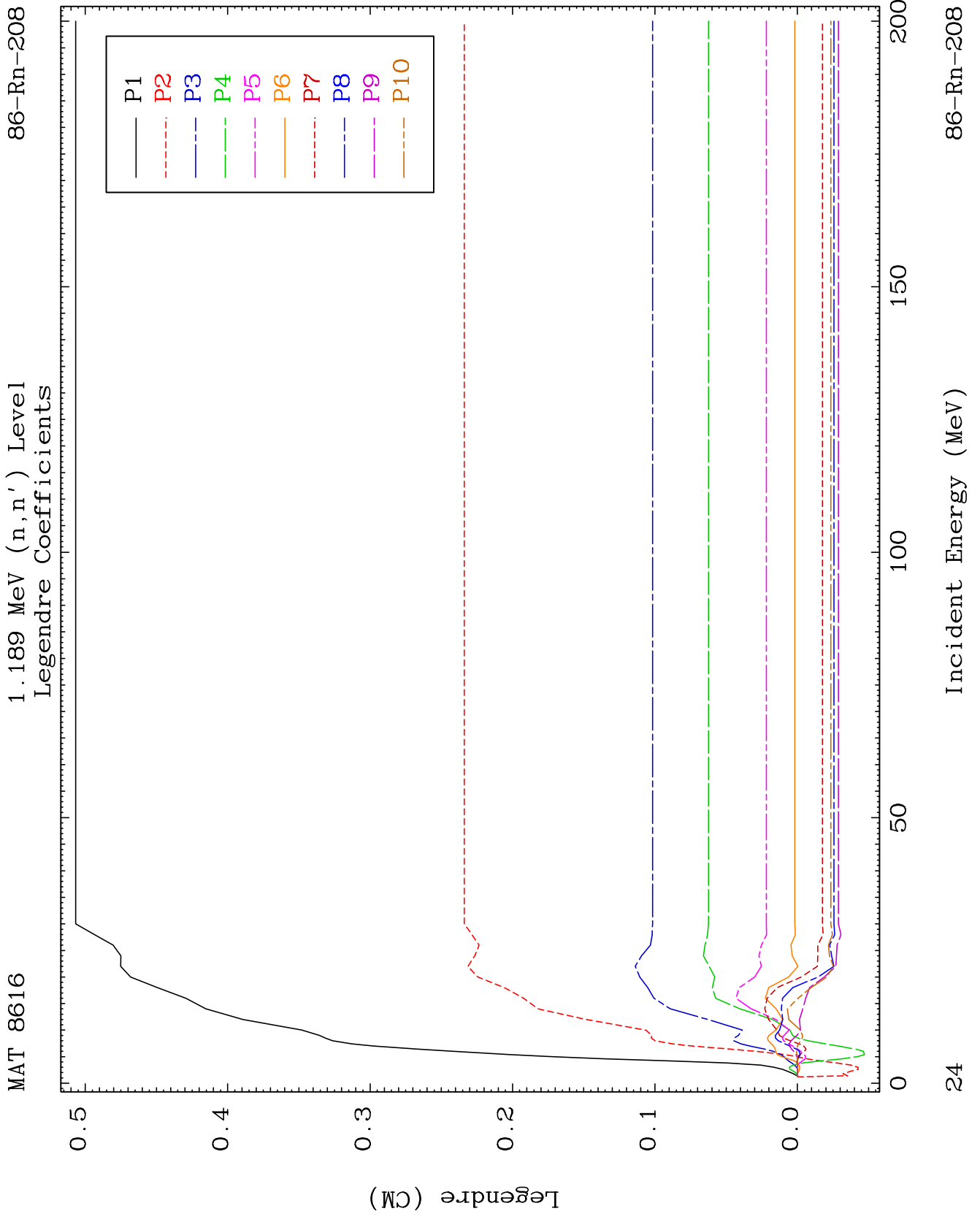
635.8 keV (n,n') Level
Legendre Coefficients

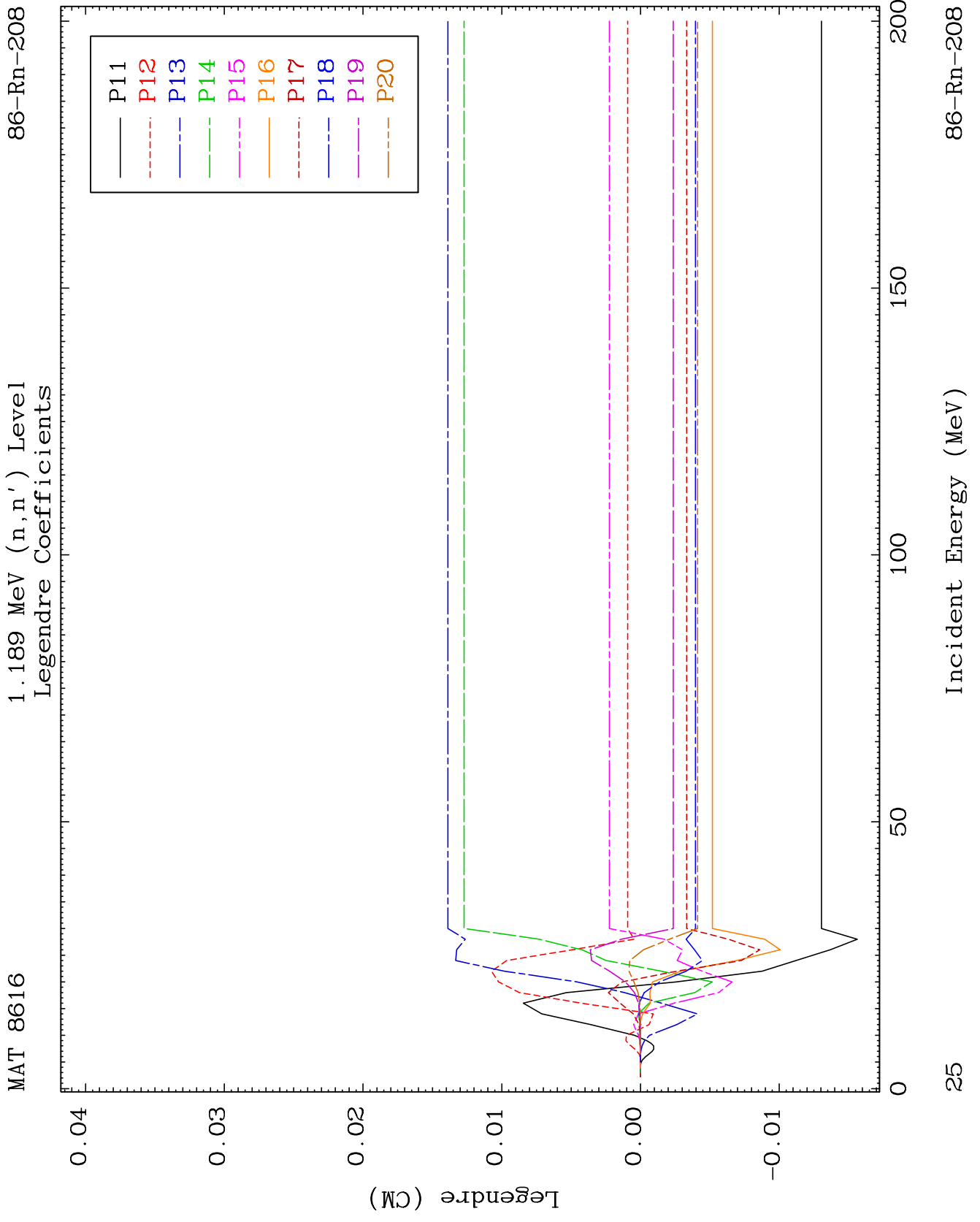
86-Rn-208



23

86-Rn-208

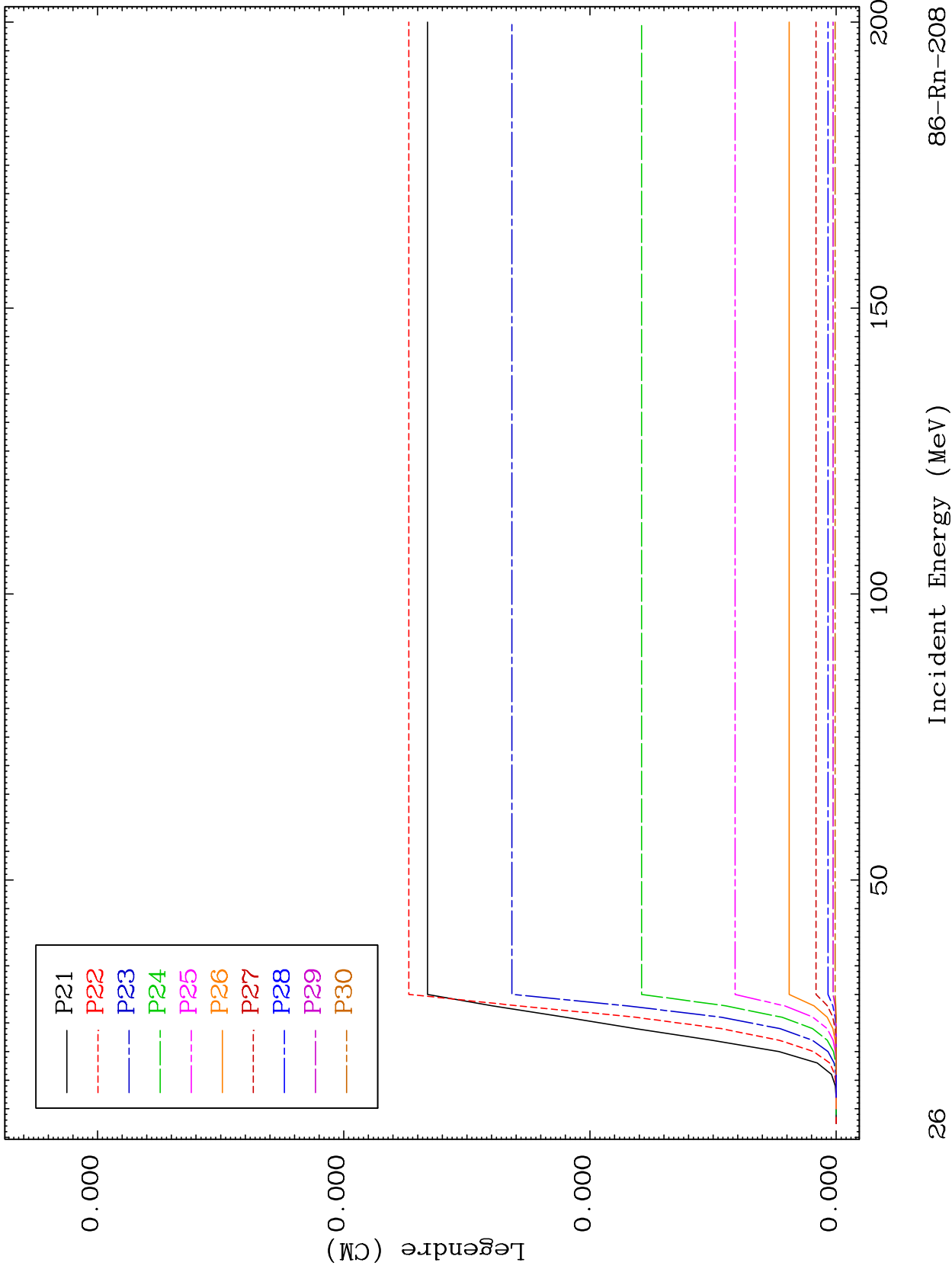




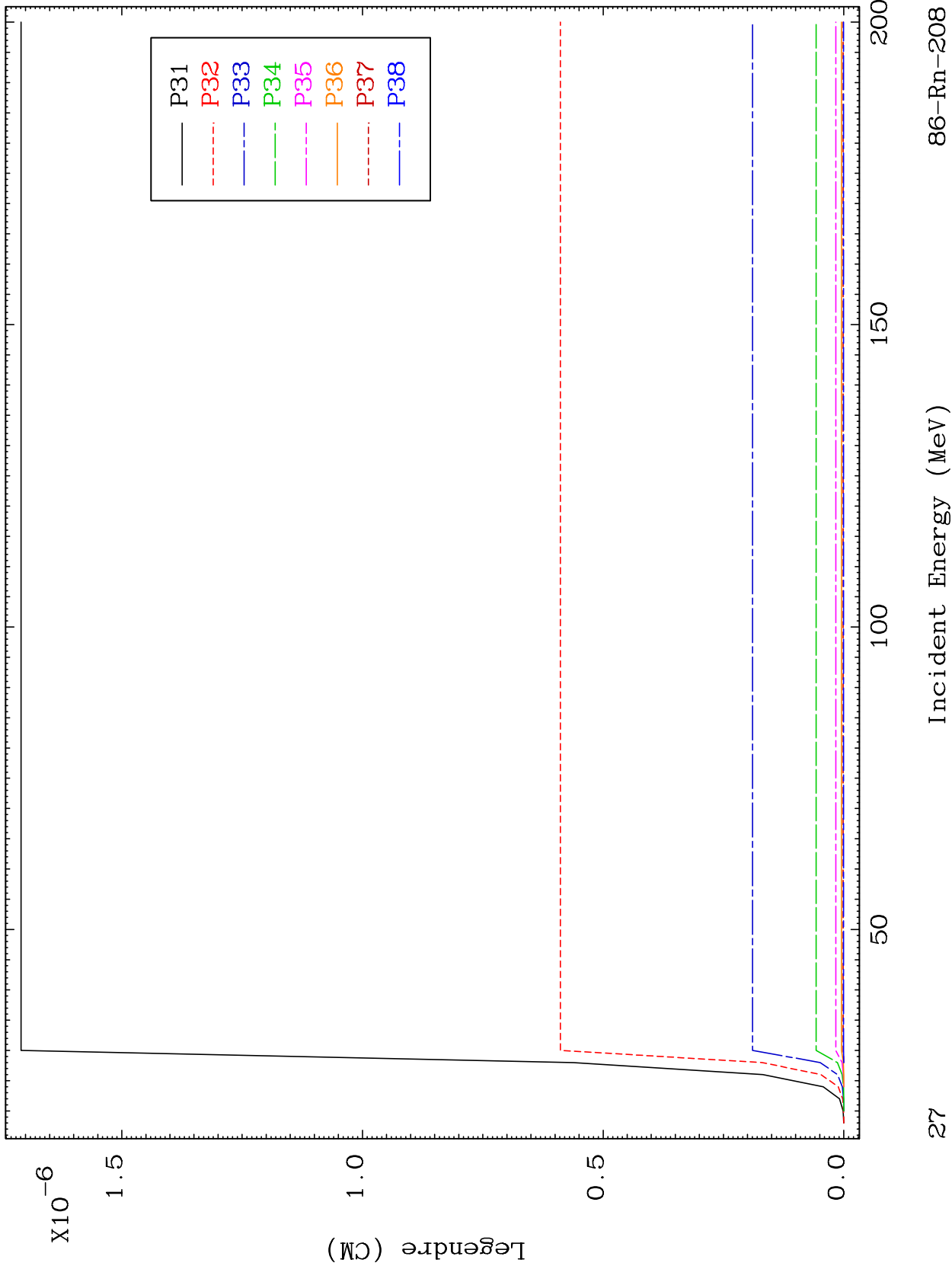
MAT 8616

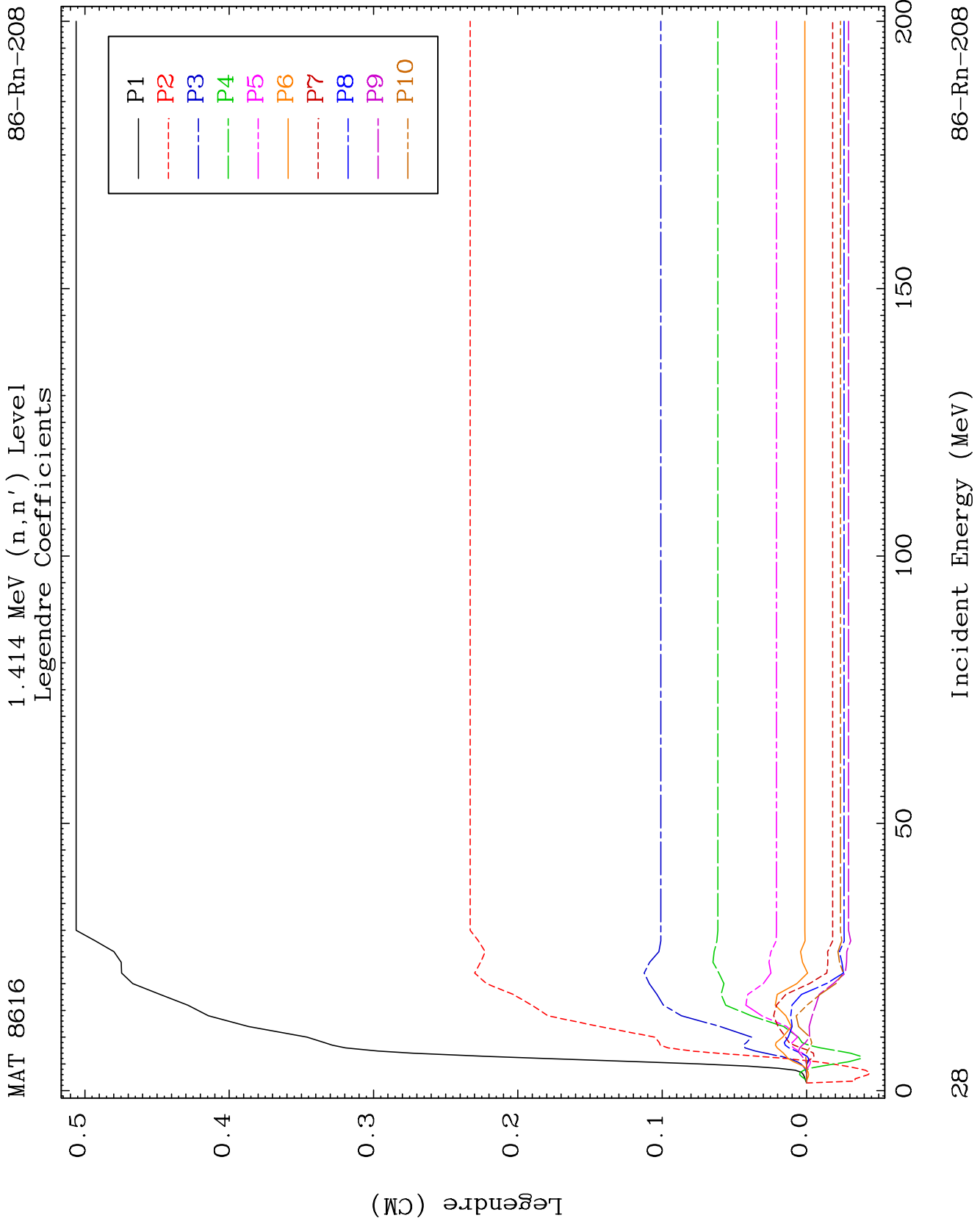
1.189 MeV (n,n') Level
Legendre Coefficients

86-Rn-208



26

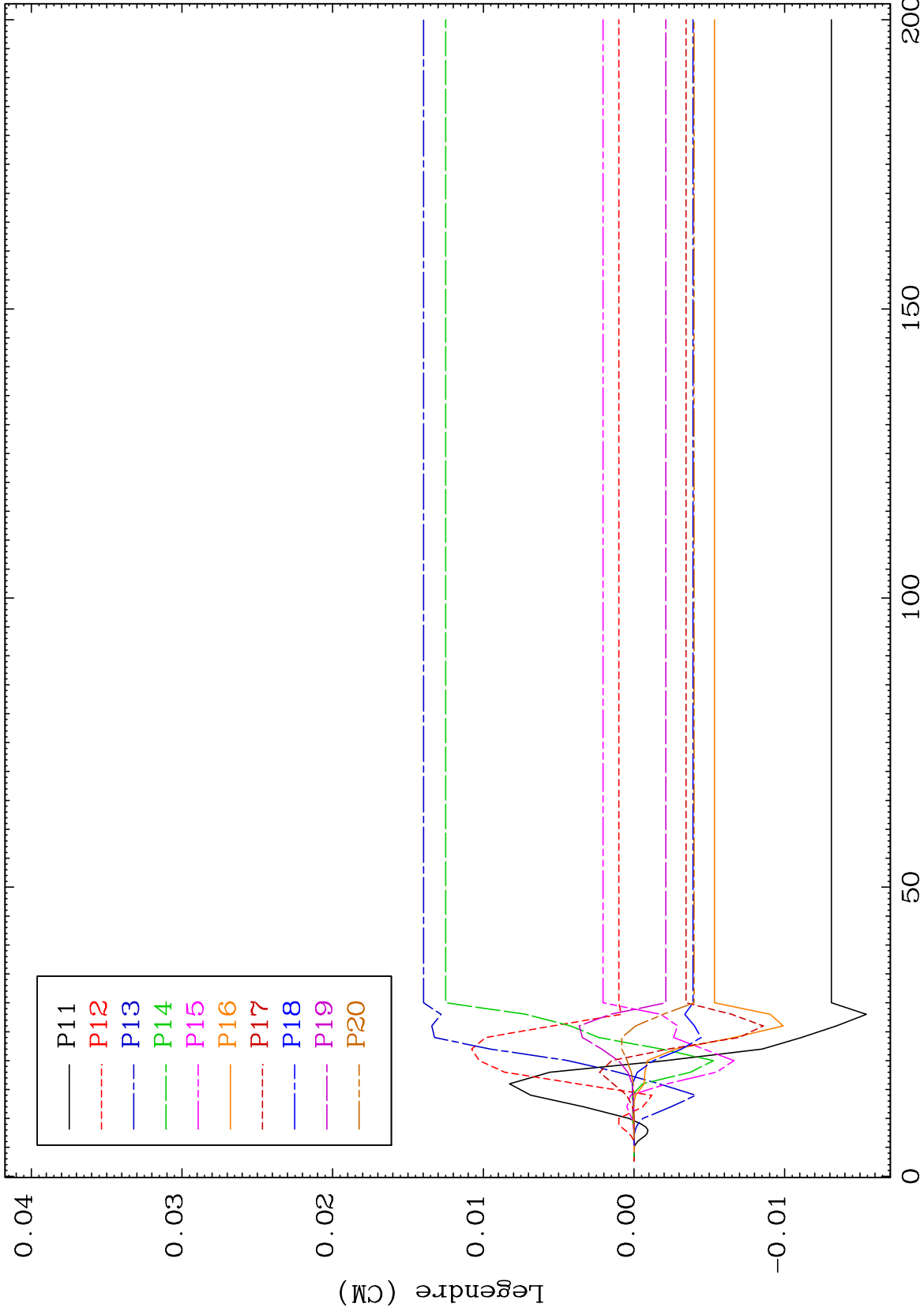




MAT 8616

1.414 MeV (n,n') Level
Legendre Coefficients

86-Rn-208



29

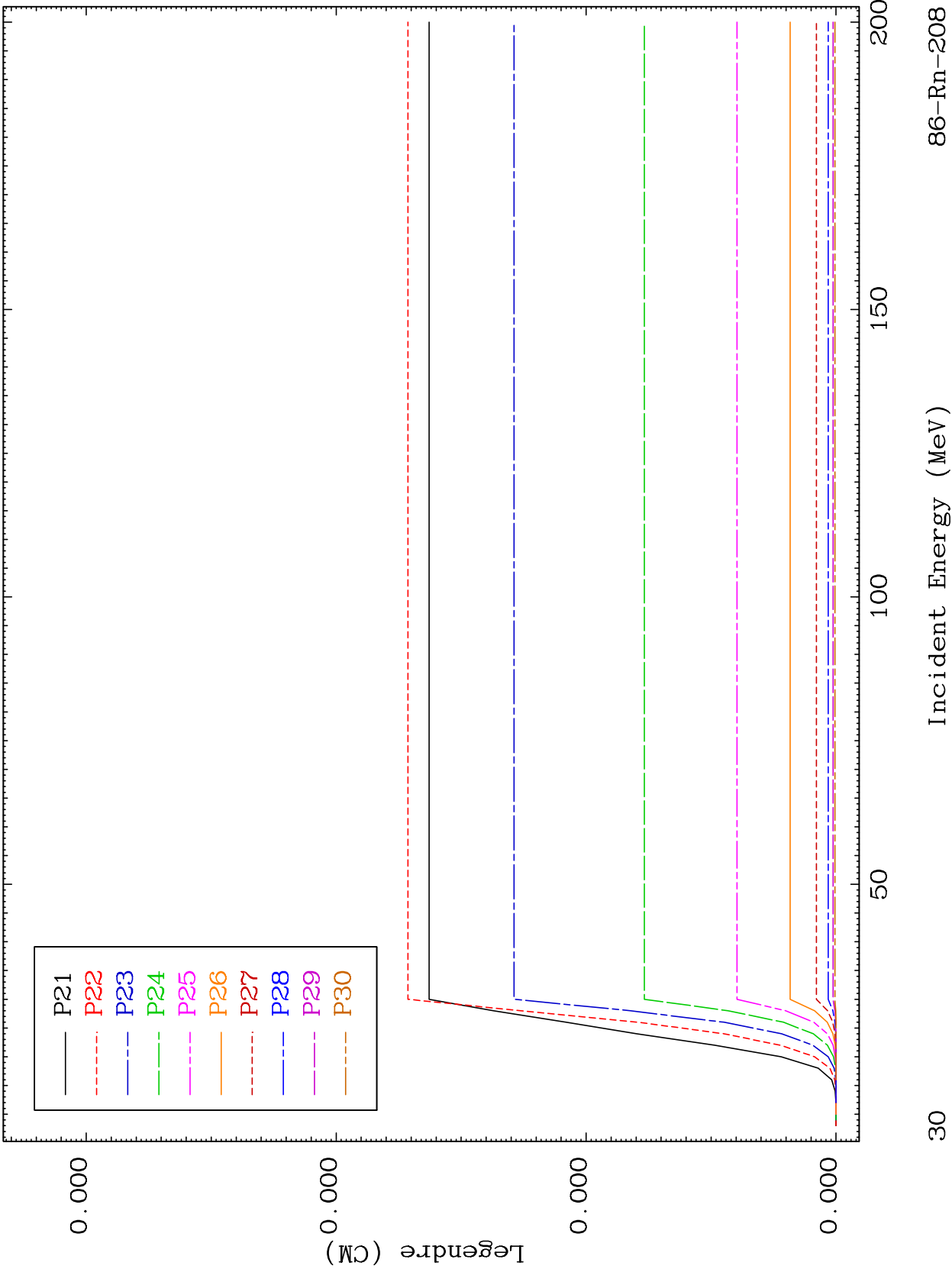
Incident Energy (MeV)

86-Rn-208

MAT 8616

1.414 MeV (n,n') Level
Legendre Coefficients

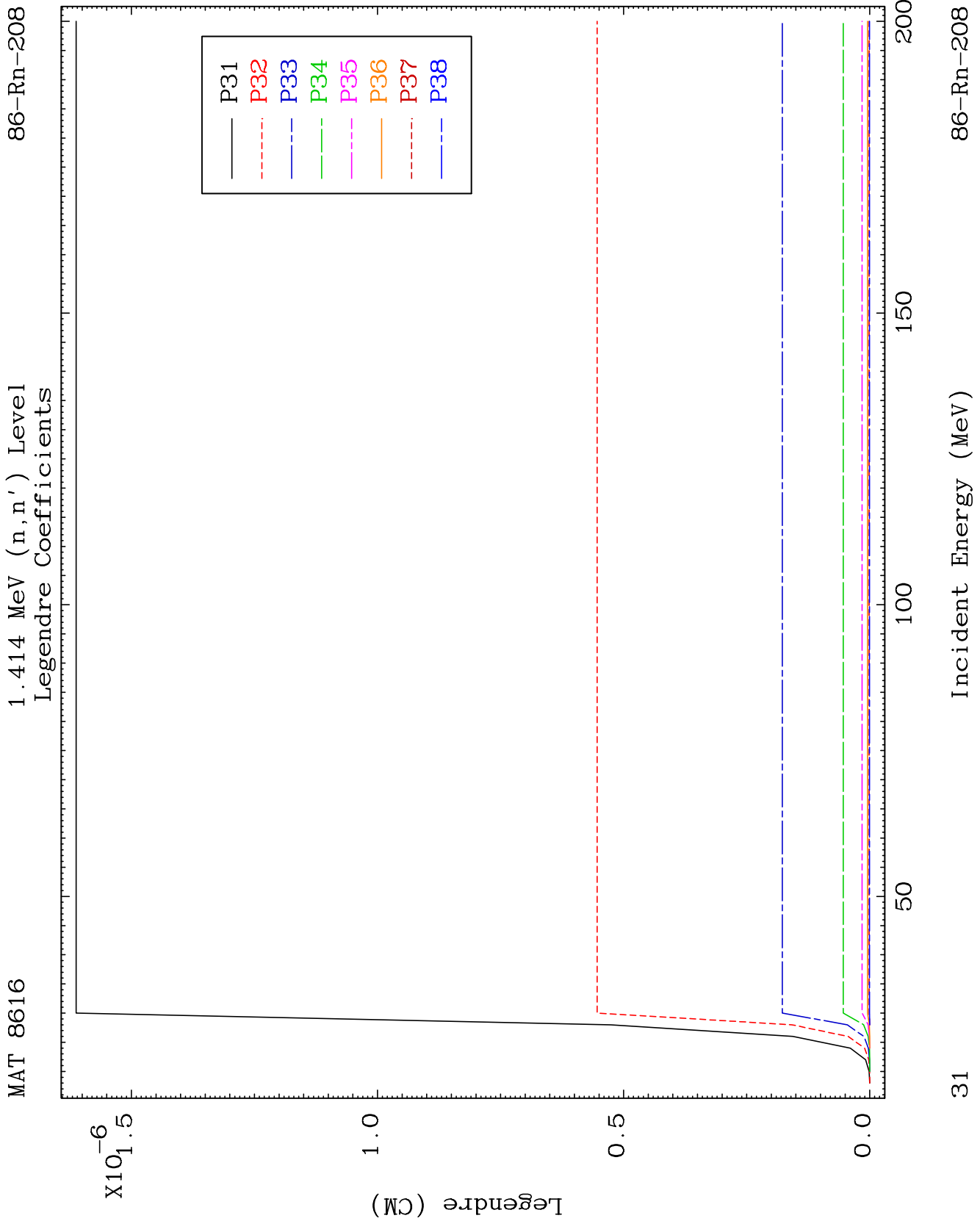
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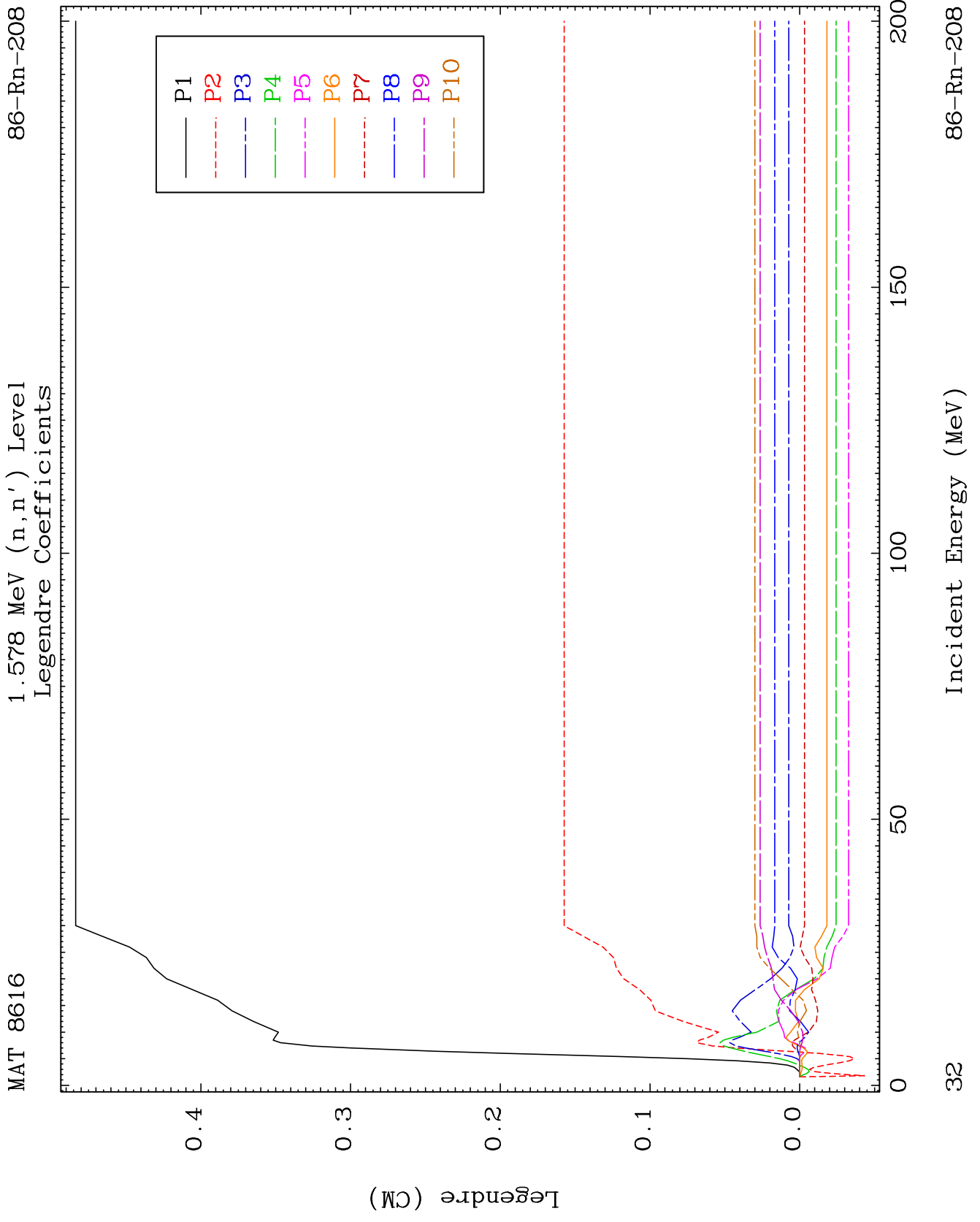


30

Incident Energy (MeV)

86-Rn-208

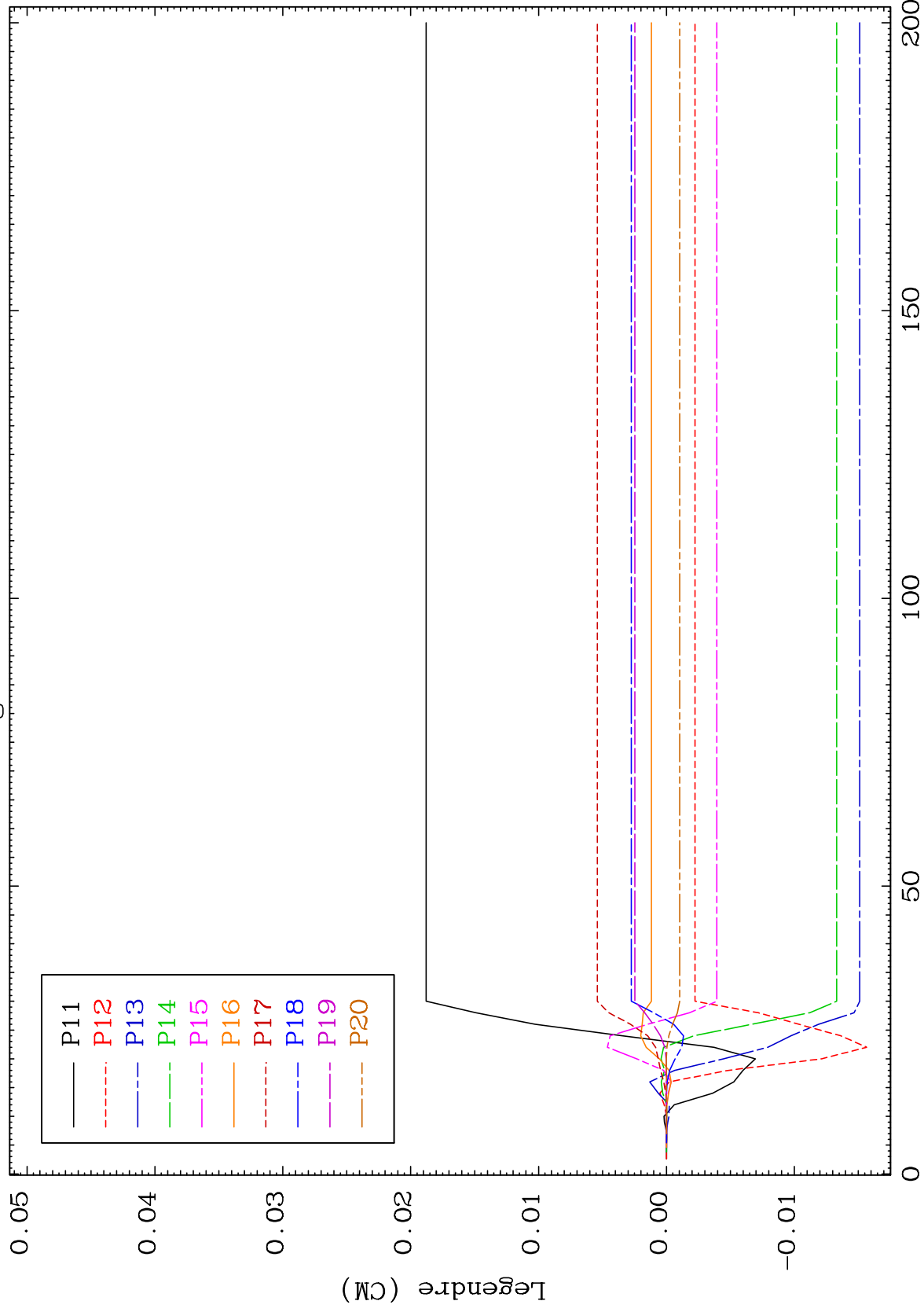




MAT 8616

1.578 MeV (n,n') Level
Legendre Coefficients

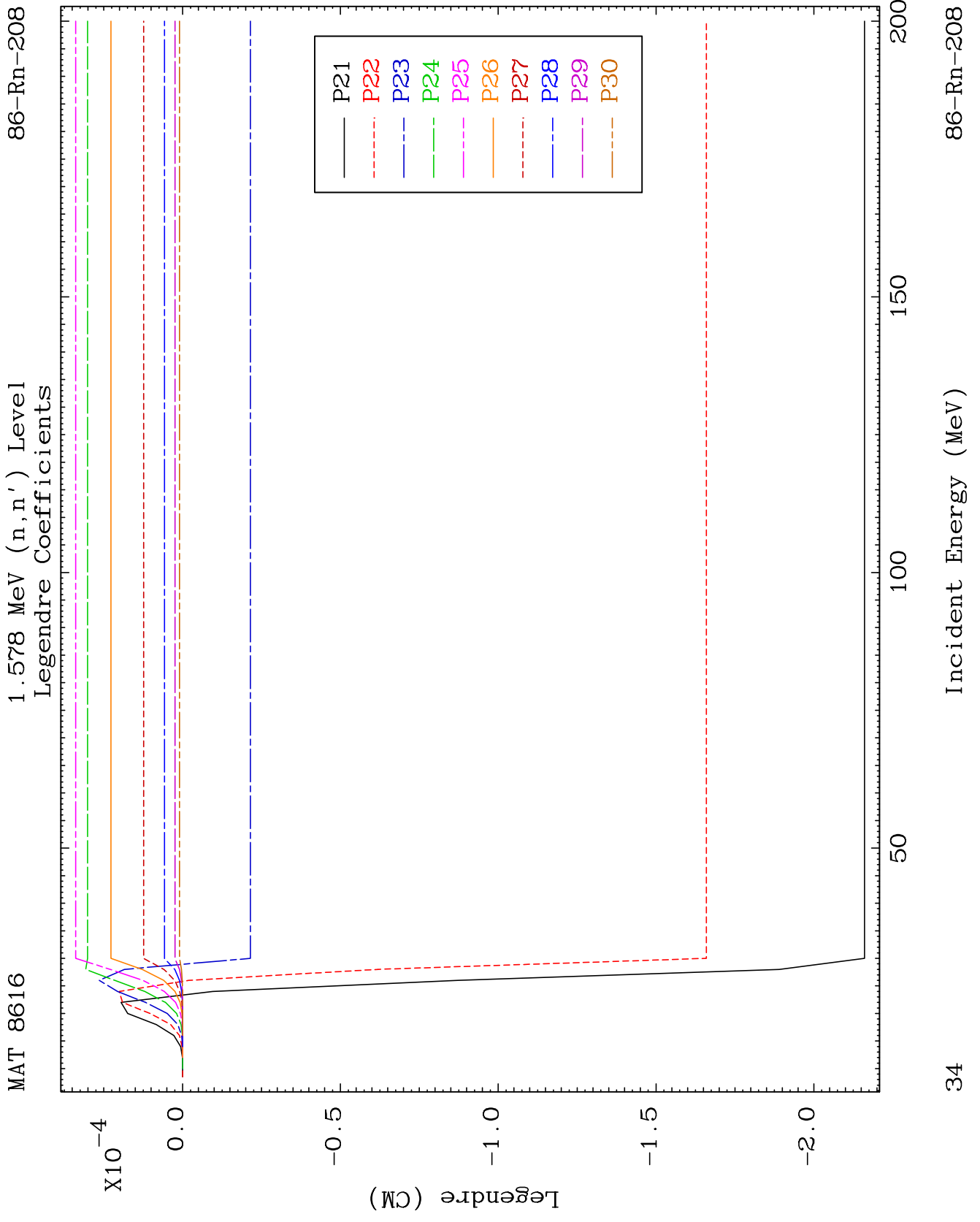
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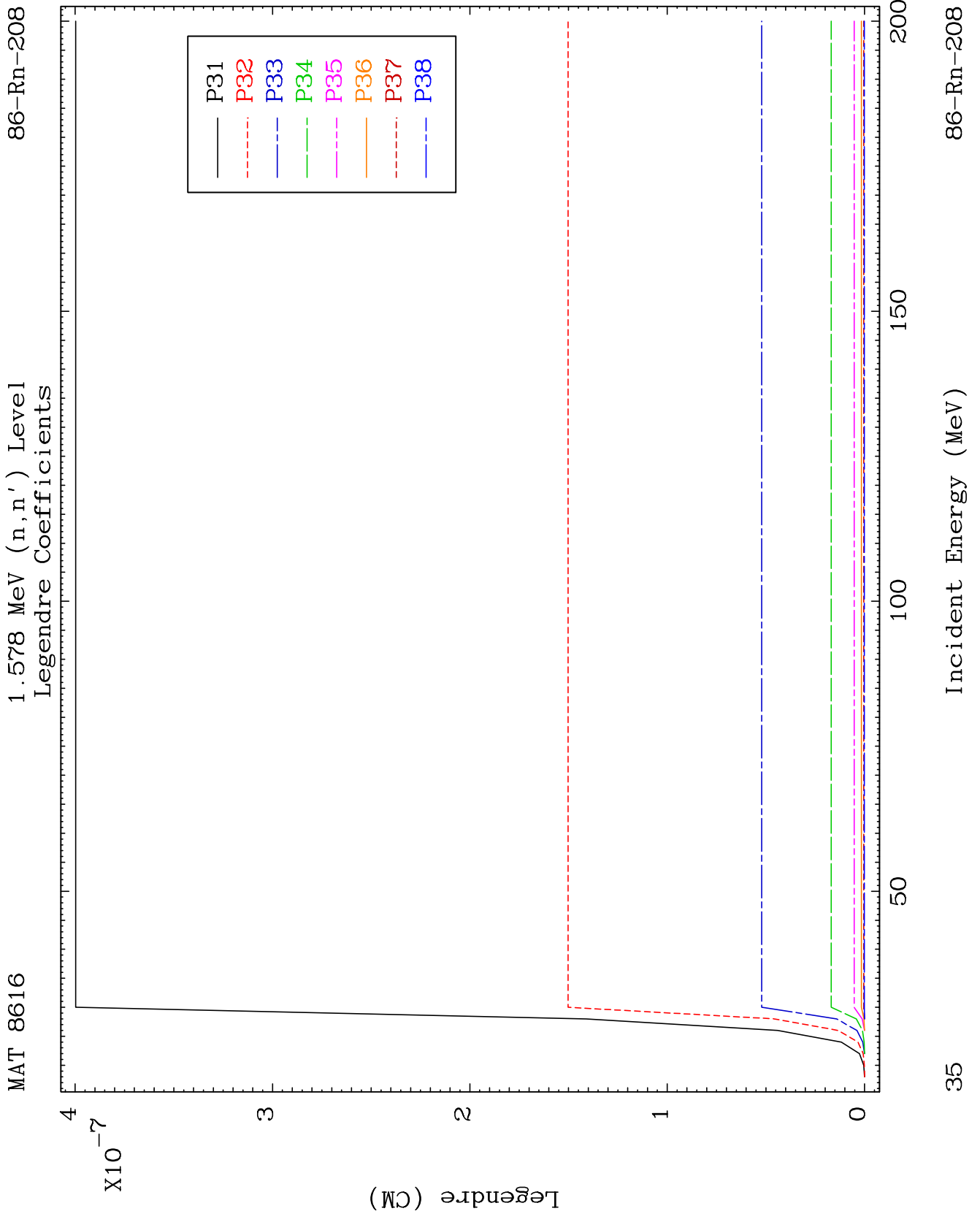


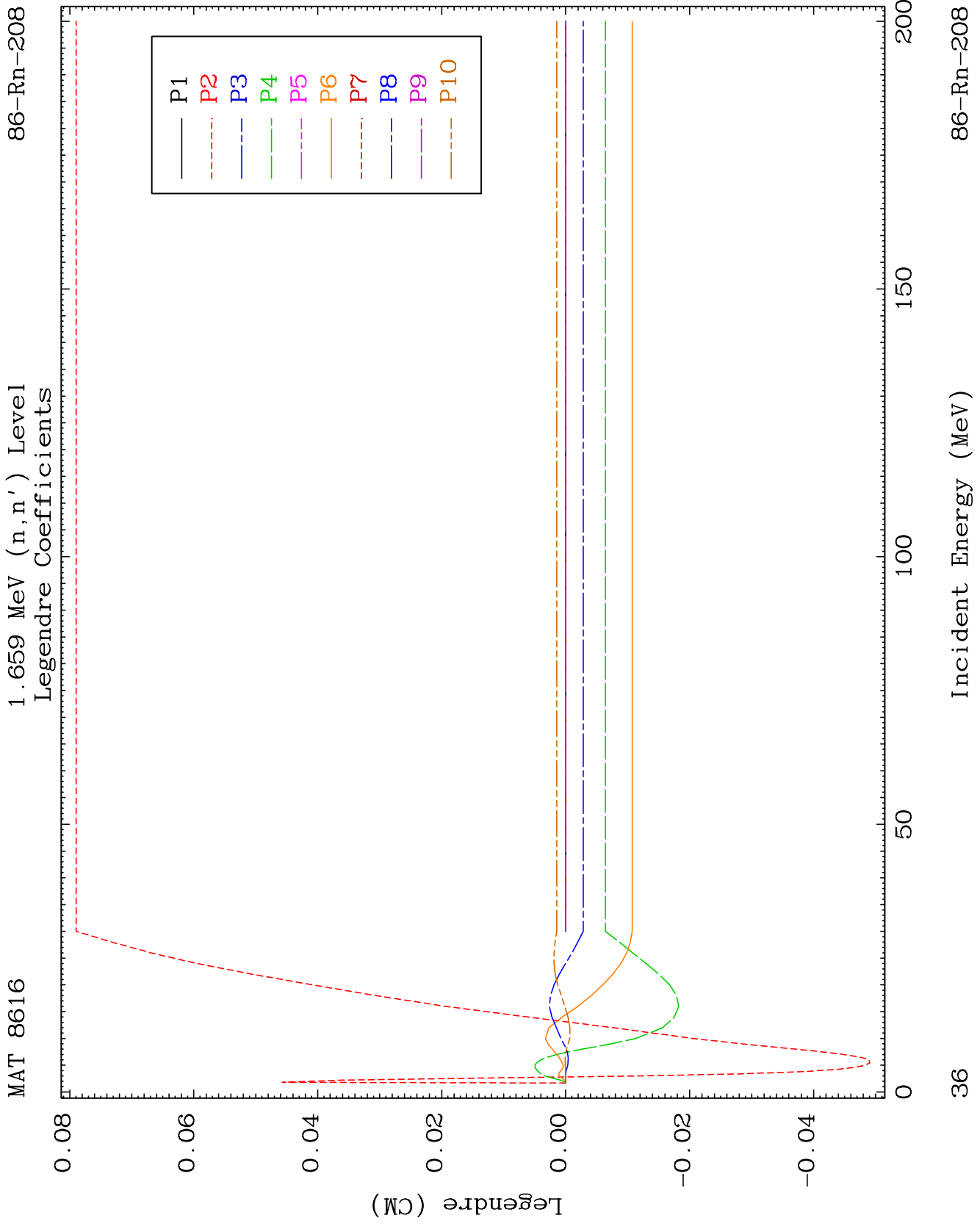
33

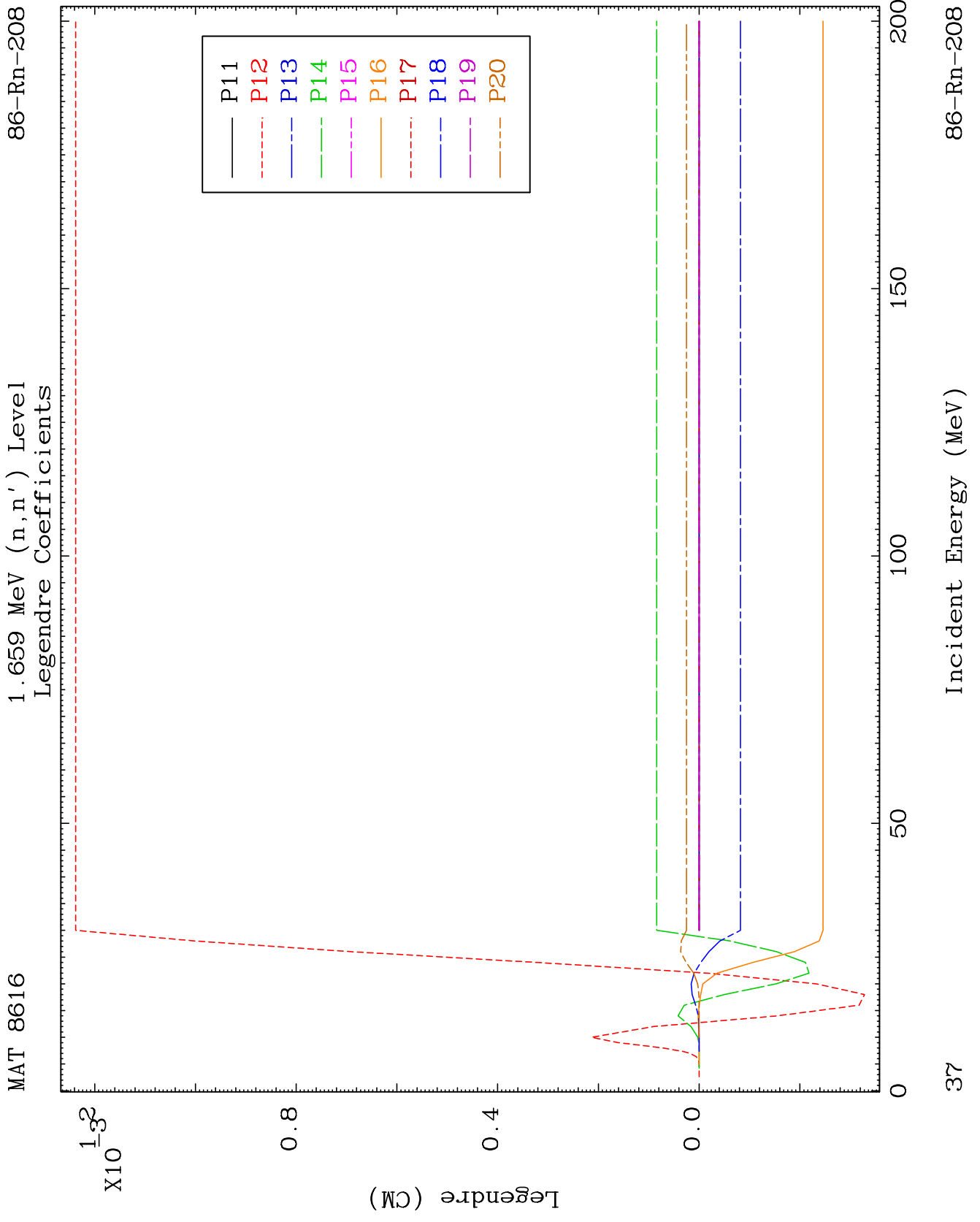
Incident Energy (MeV)

86-Rn-208





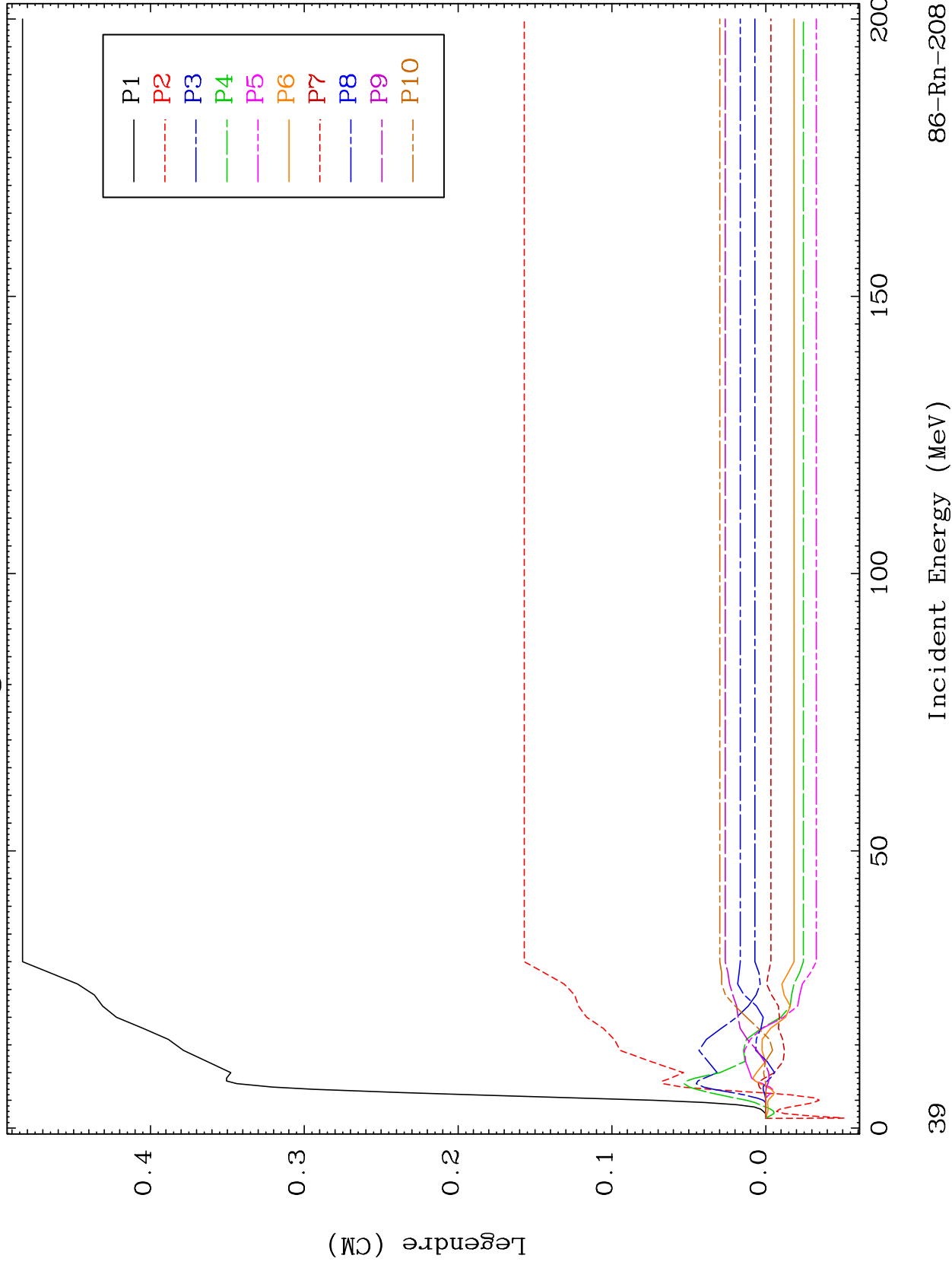




MAT 8616

1.740 MeV (n,n') Level
Legendre Coefficients

86-Rn-208



86-Rn-208

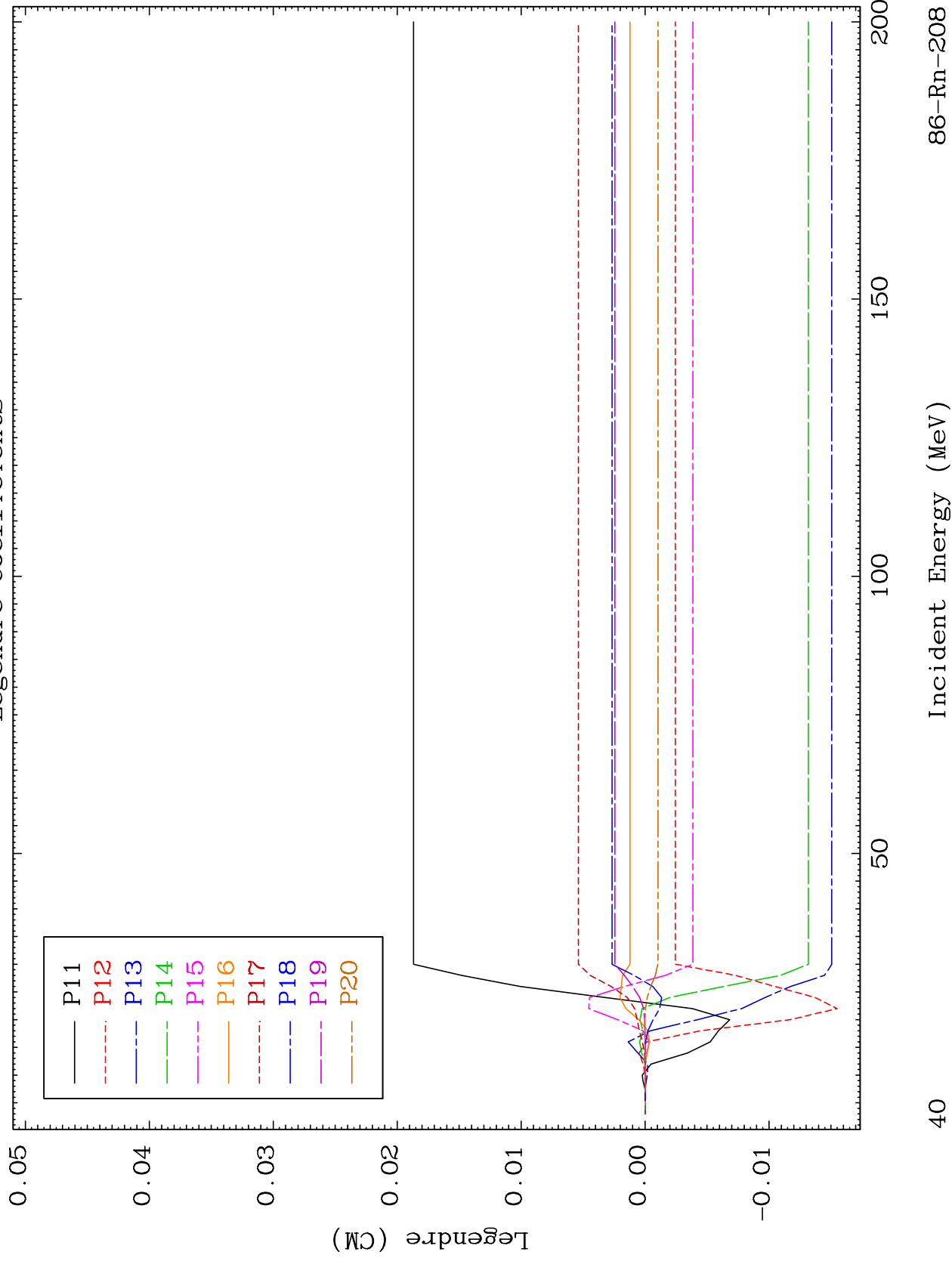
Incident Energy (MeV)

39

MAT 8616

1.740 MeV (n,n') Level
Legendre Coefficients

86-Rn-208



86-Rn-208

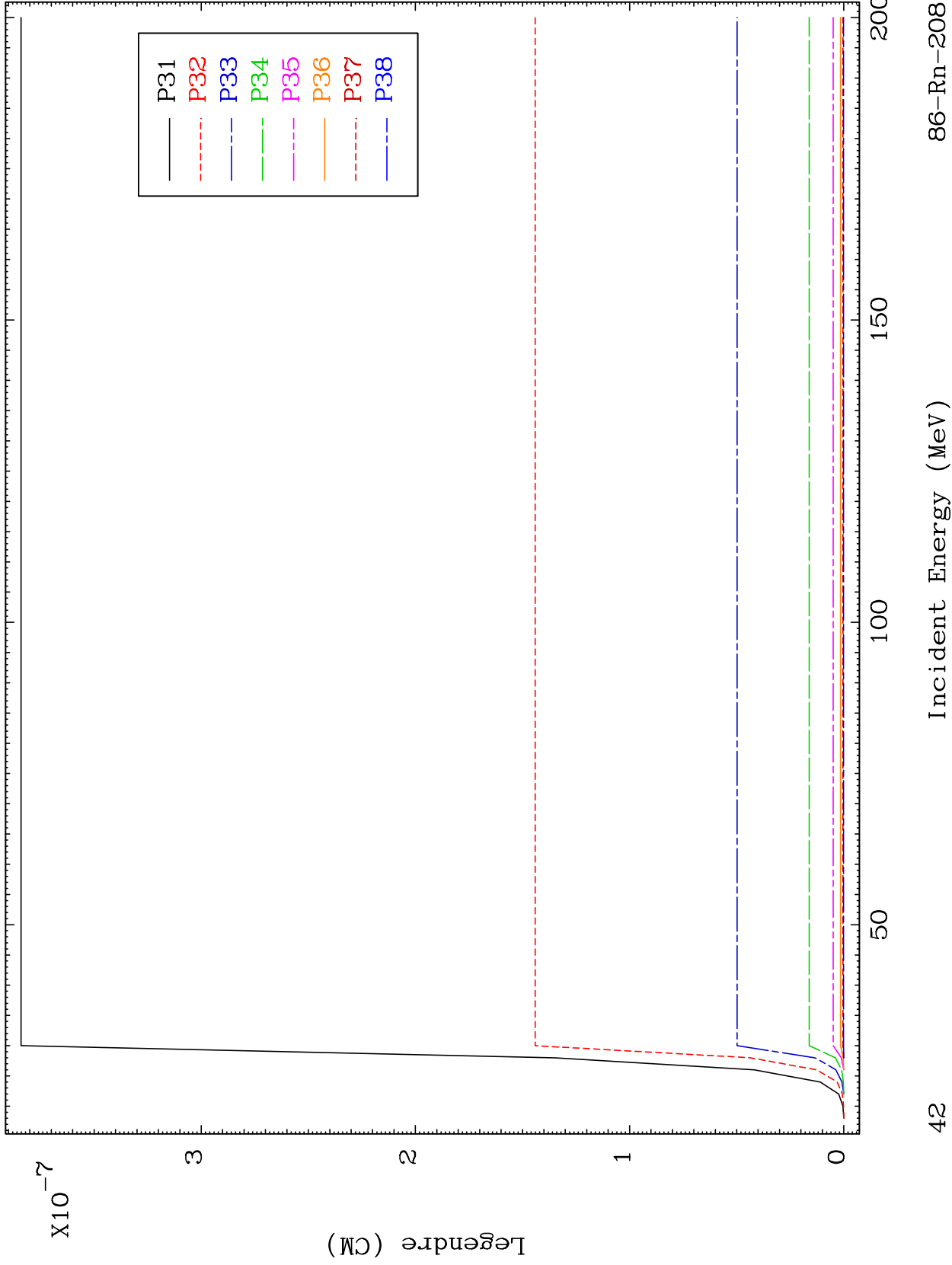
Incident Energy (MeV)

40

MAT 8616

1.740 MeV (n,n') Level
Legendre Coefficients

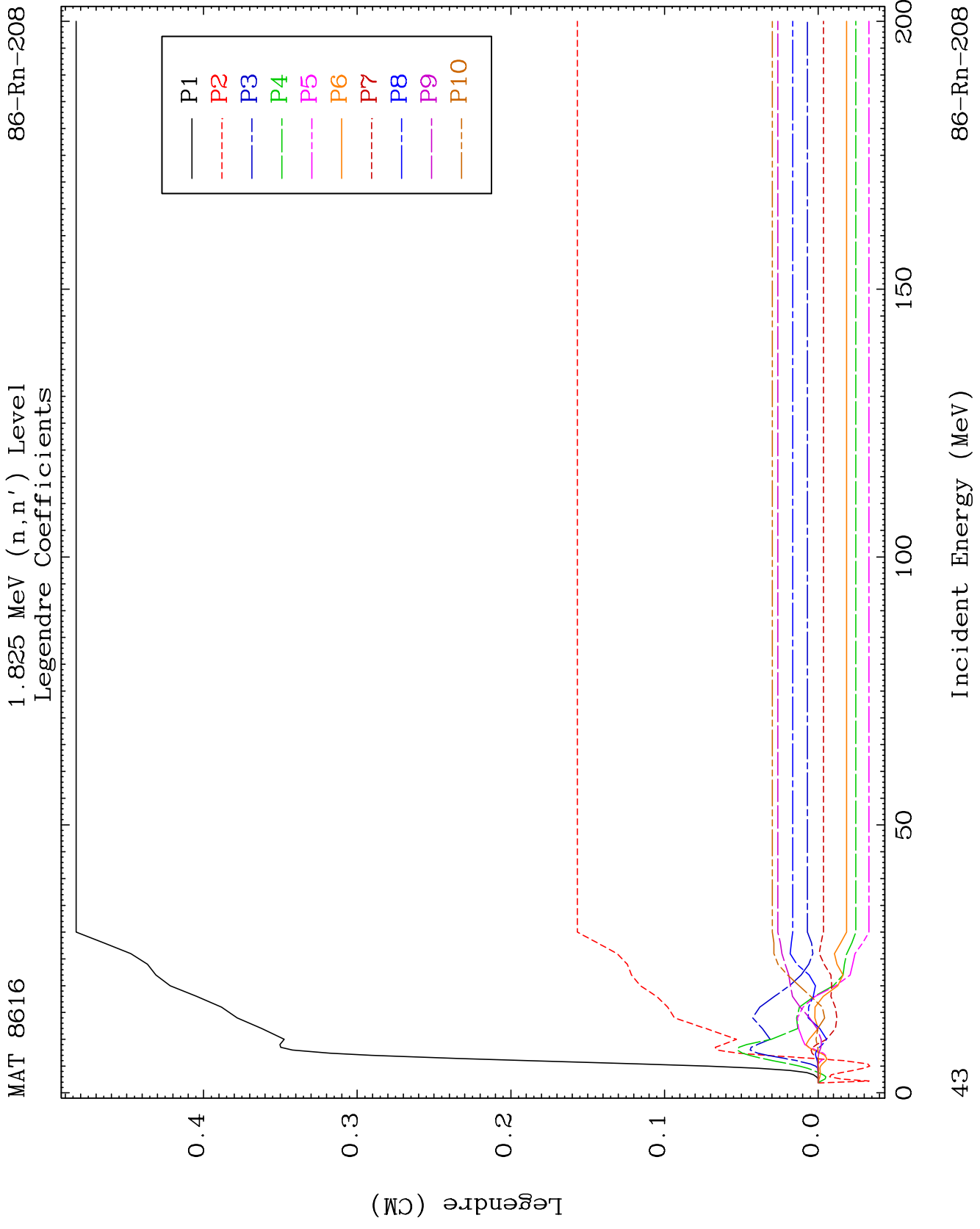
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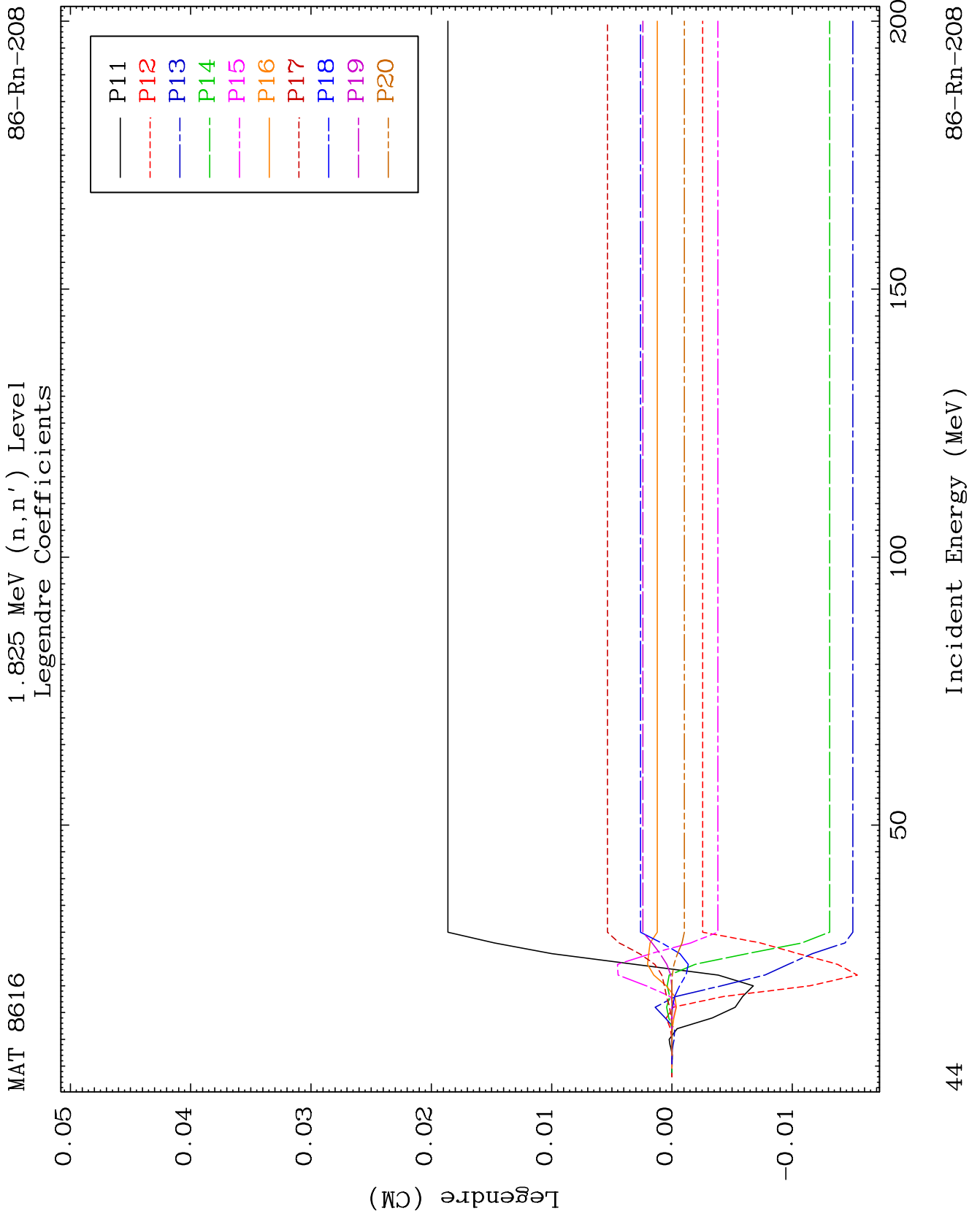


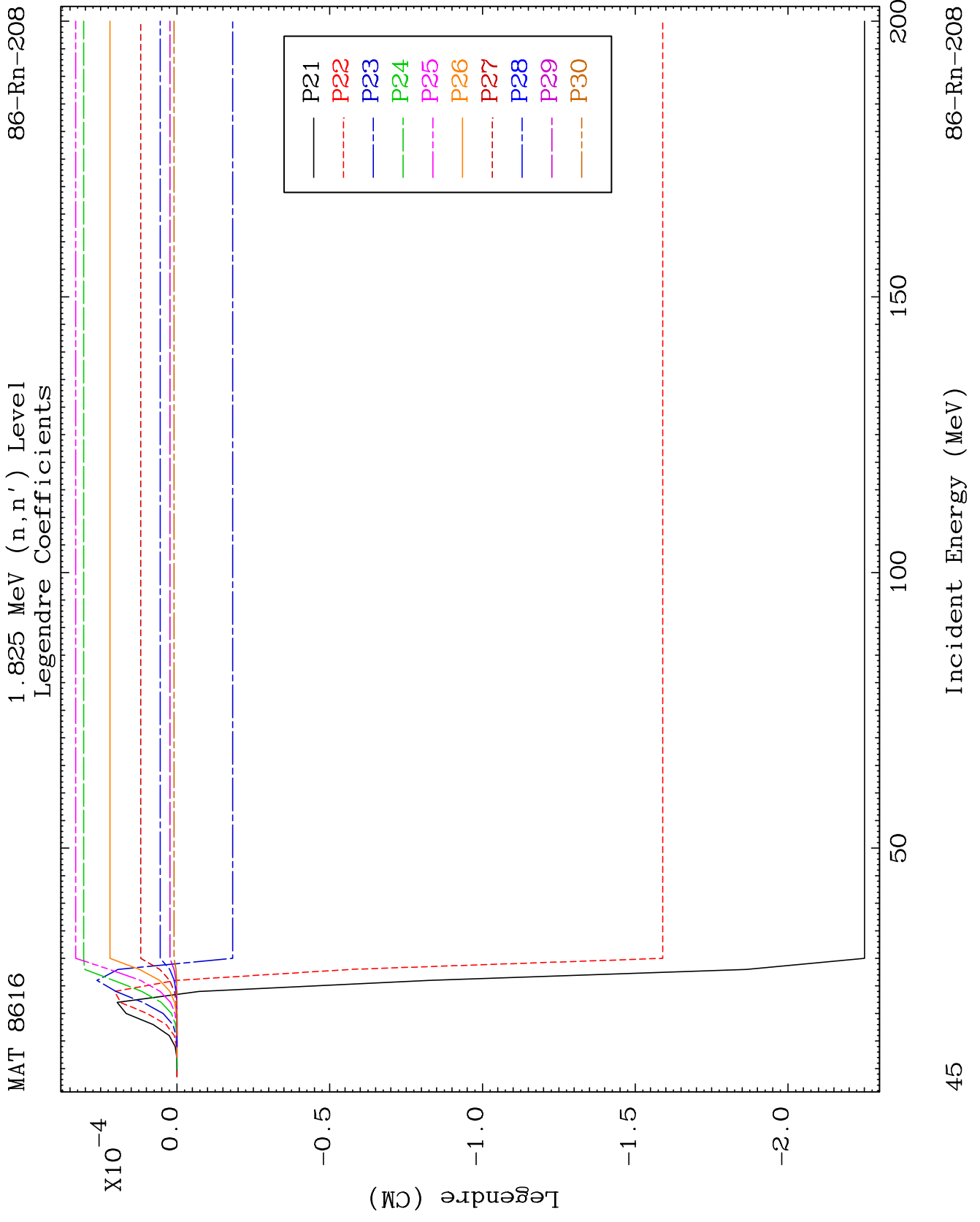
86-Rn-208

Incident Energy (MeV)

42



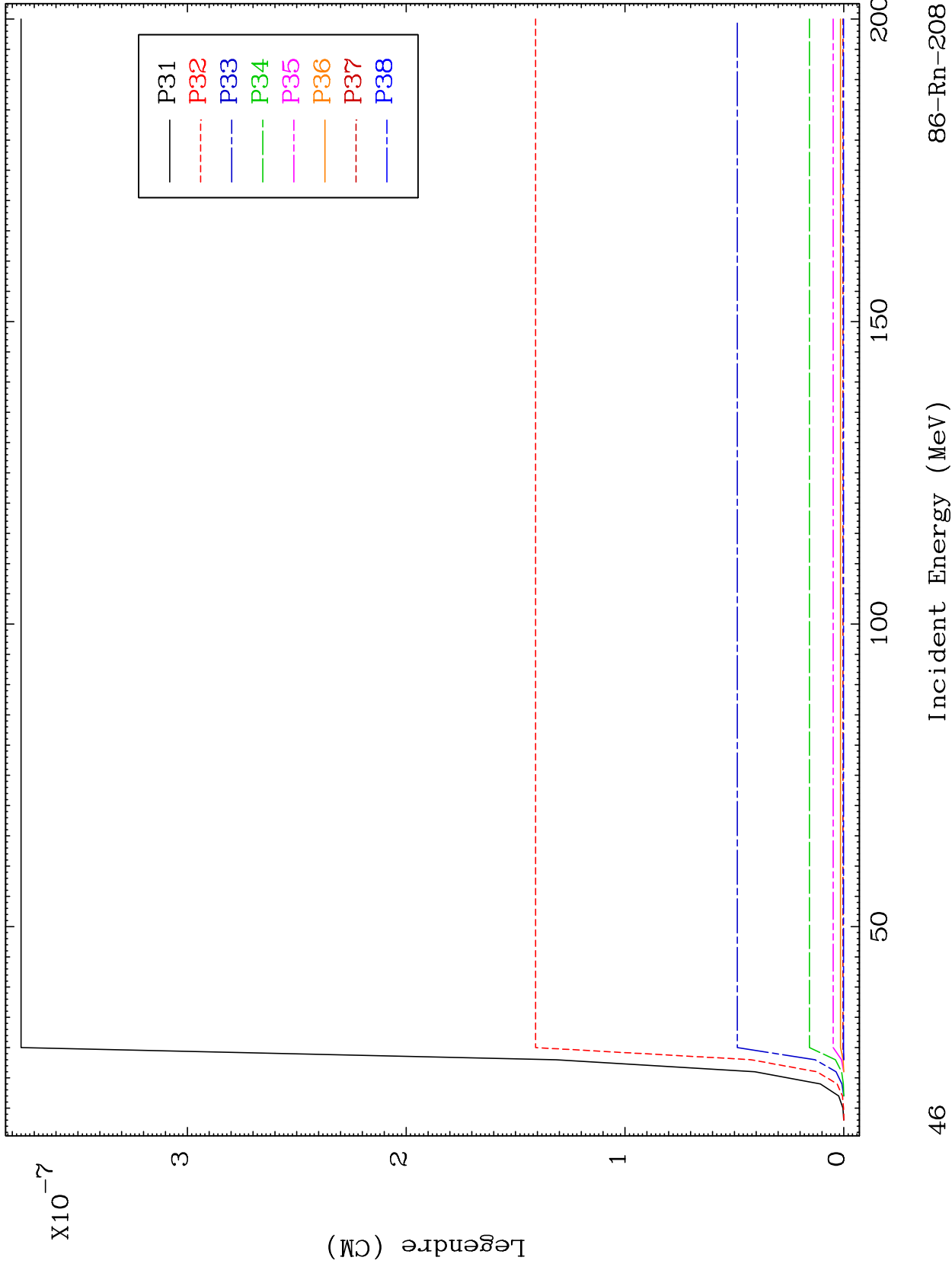




MAT 8616

1.825 MeV (n,n') Level
Legendre Coefficients

86-Rn-208



46

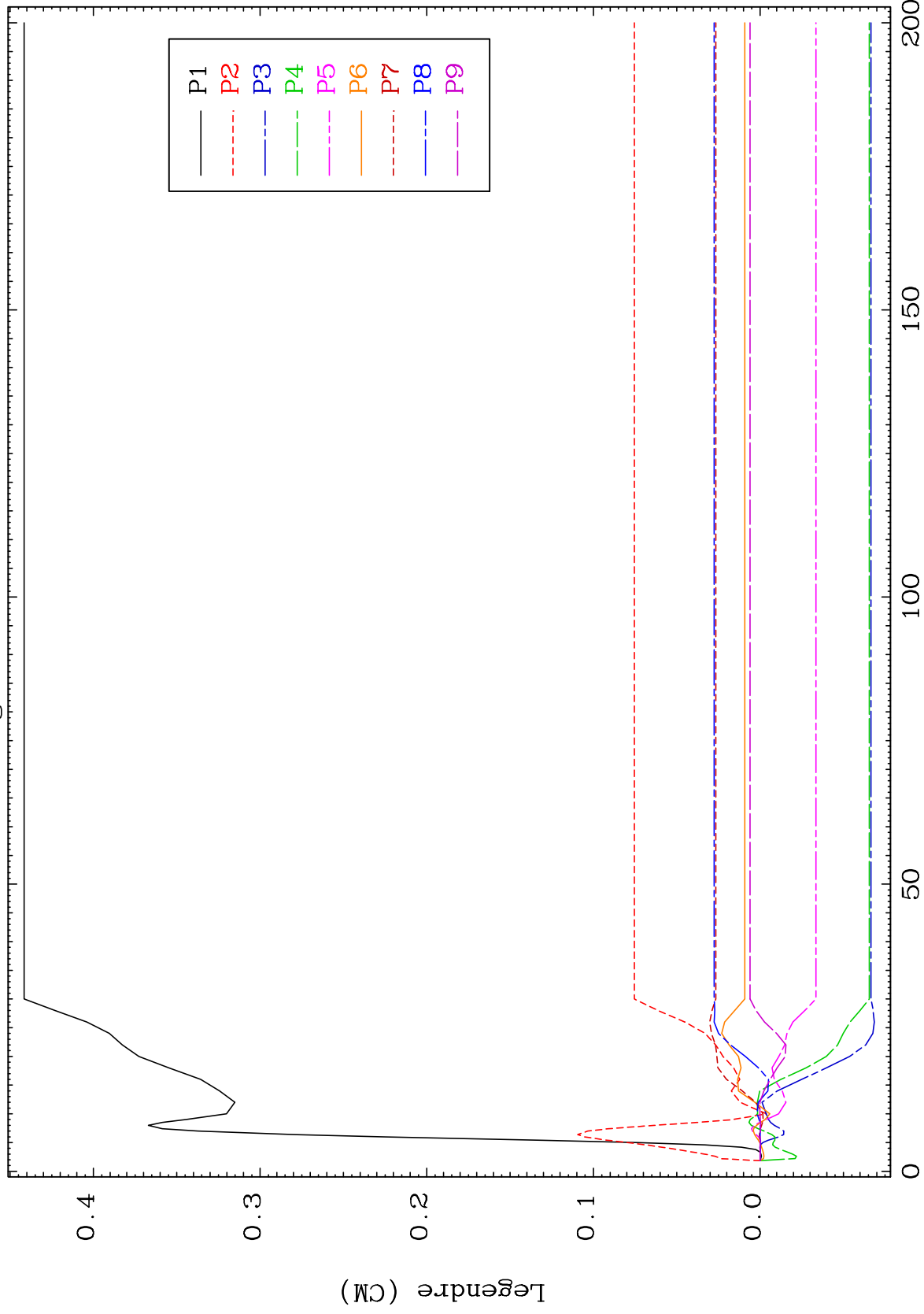
Incident Energy (MeV)

86-Rn-208

MAT 8616

1.828 MeV (n,n') Level
Legendre Coefficients

86-Rn-208



47

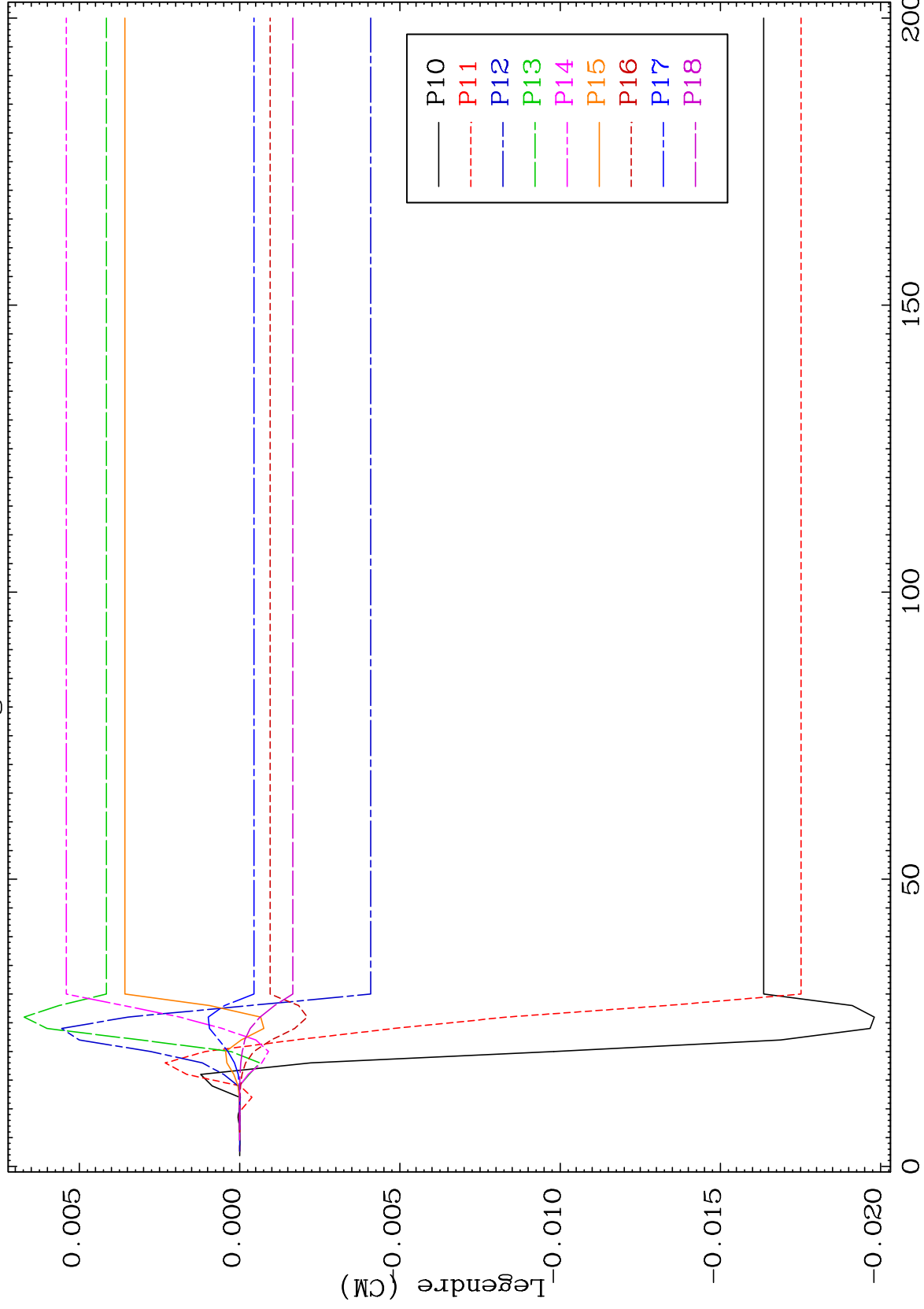
Incident Energy (MeV)

86-Rn-208

MAT 8616

1.828 MeV (n,n') Level
Legendre Coefficients

86-Rn-208



48

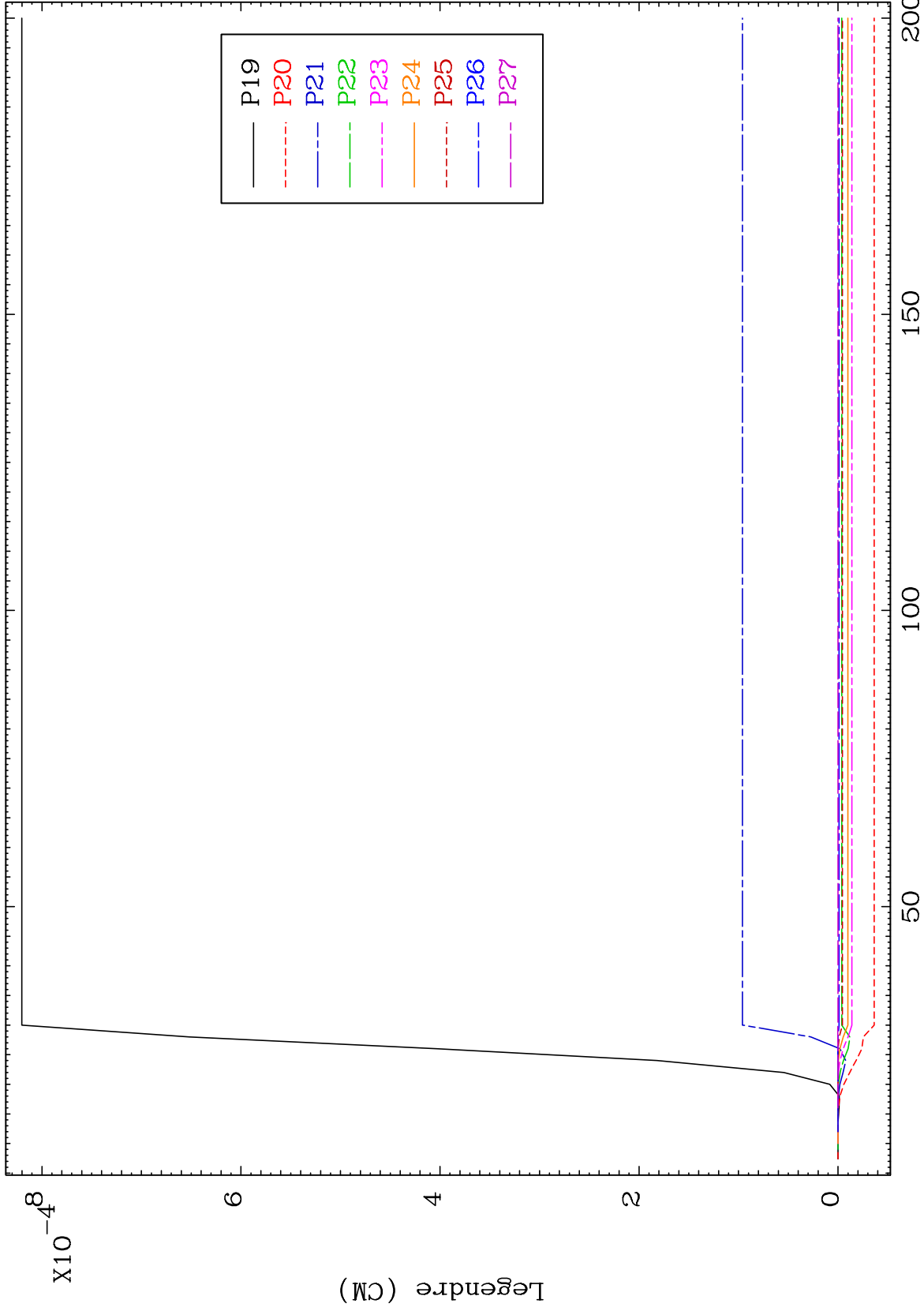
Incident Energy (MeV)

86-Rn-208

MAT 8616

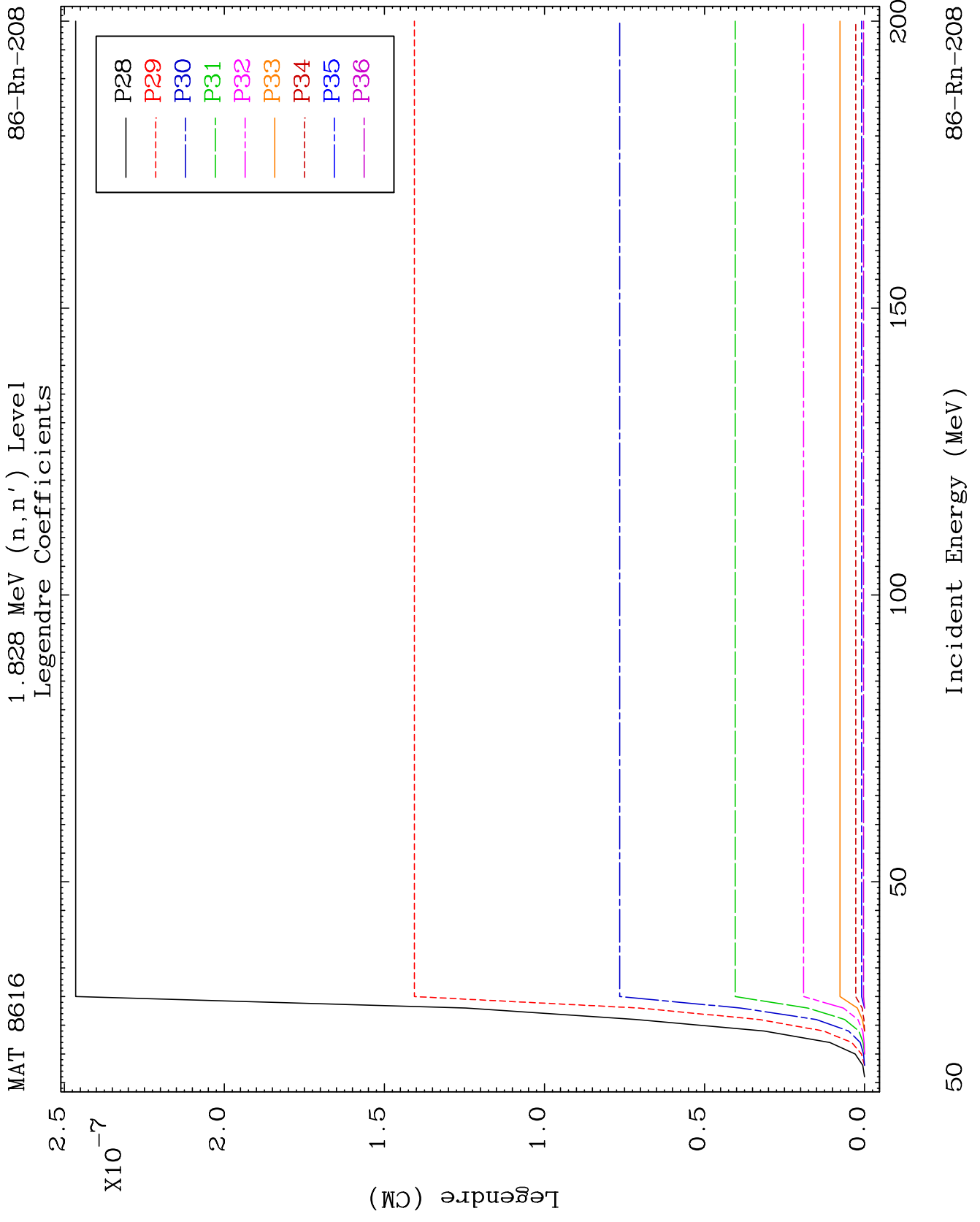
1.828 MeV (n, n') Level
Legendre Coefficients

86-Rn-208



49

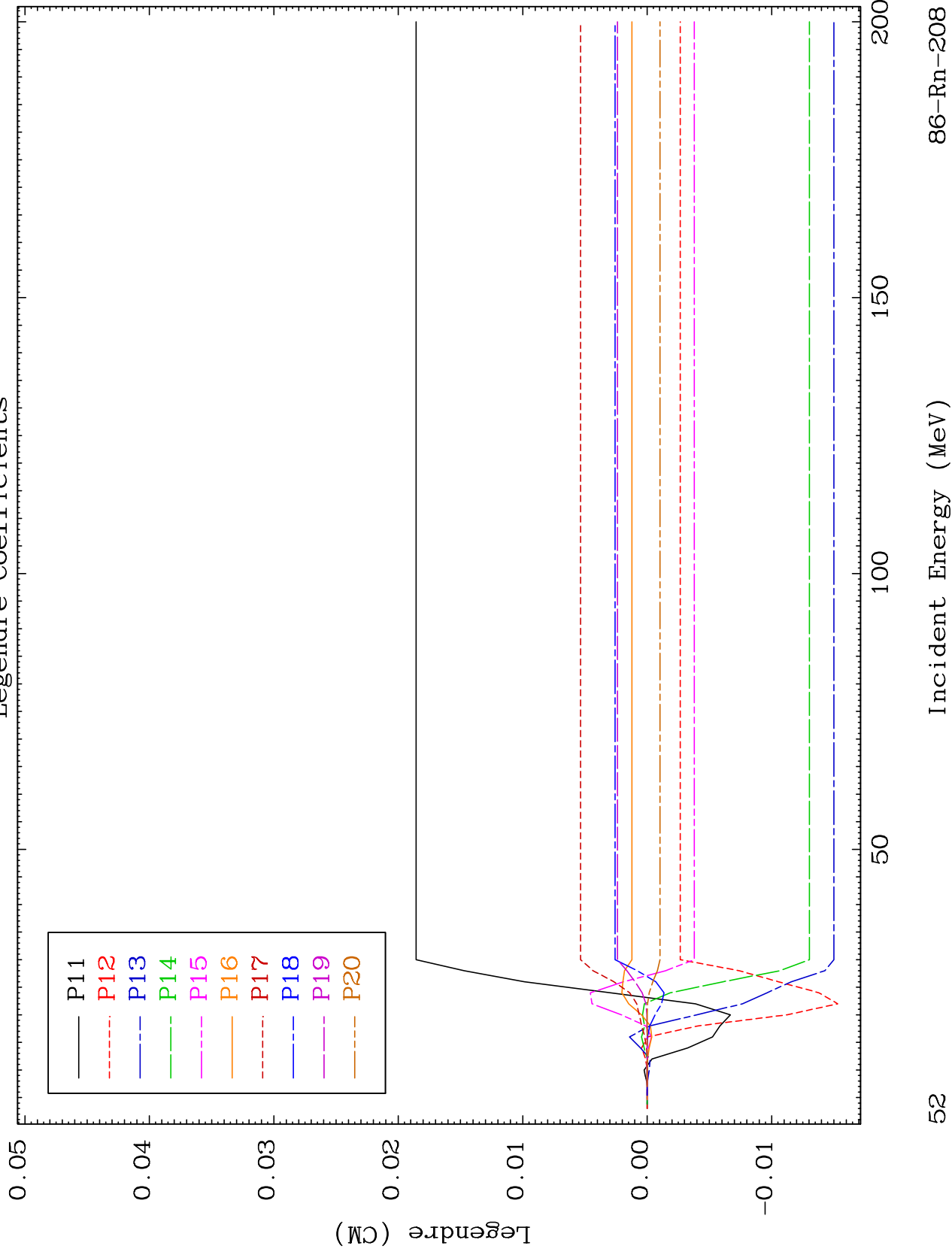
86-Rn-208



MAT 8616

1.906 MeV (n,n') Level
Legendre Coefficients

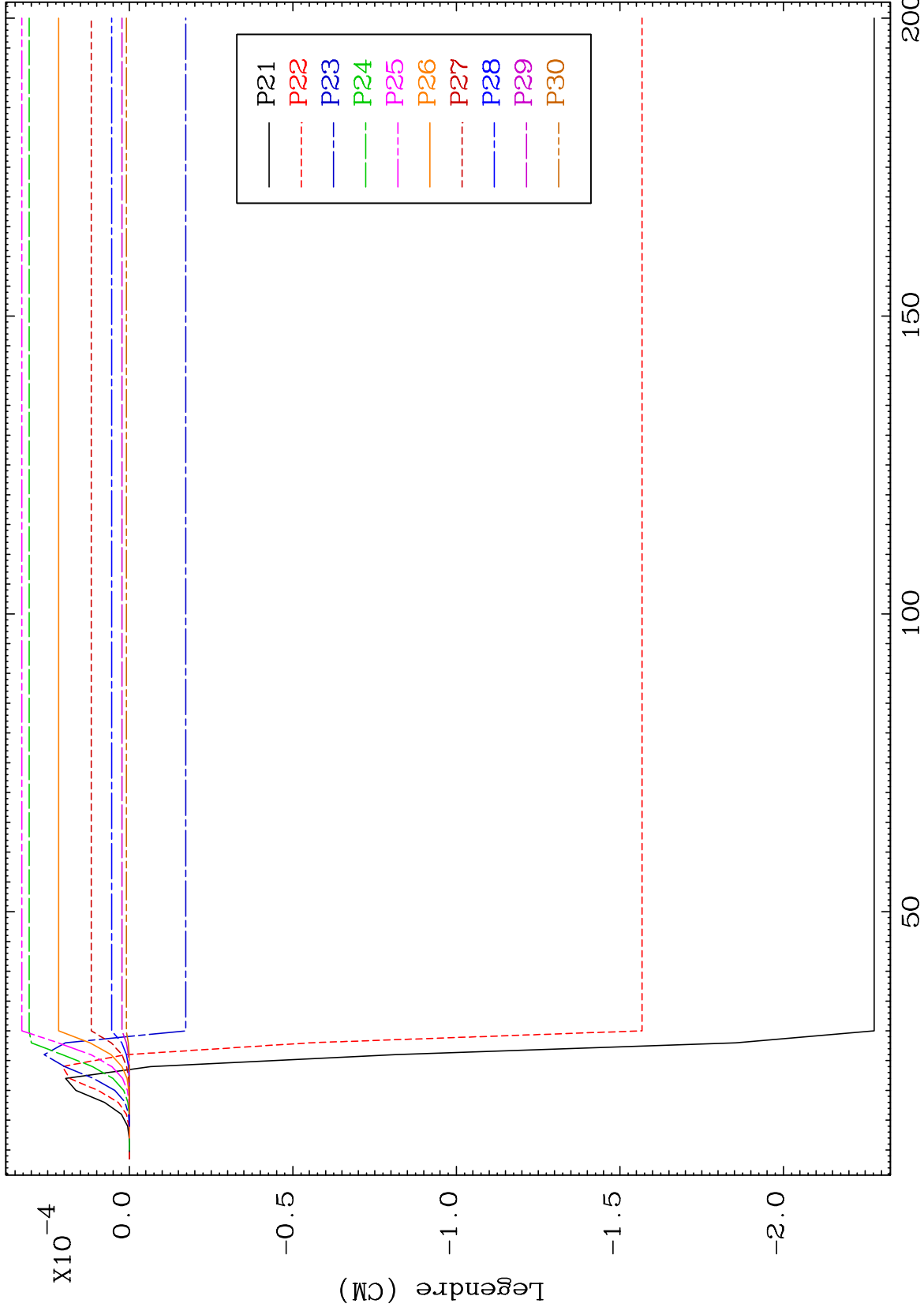
86-Rn-208



52

86-Rn-208

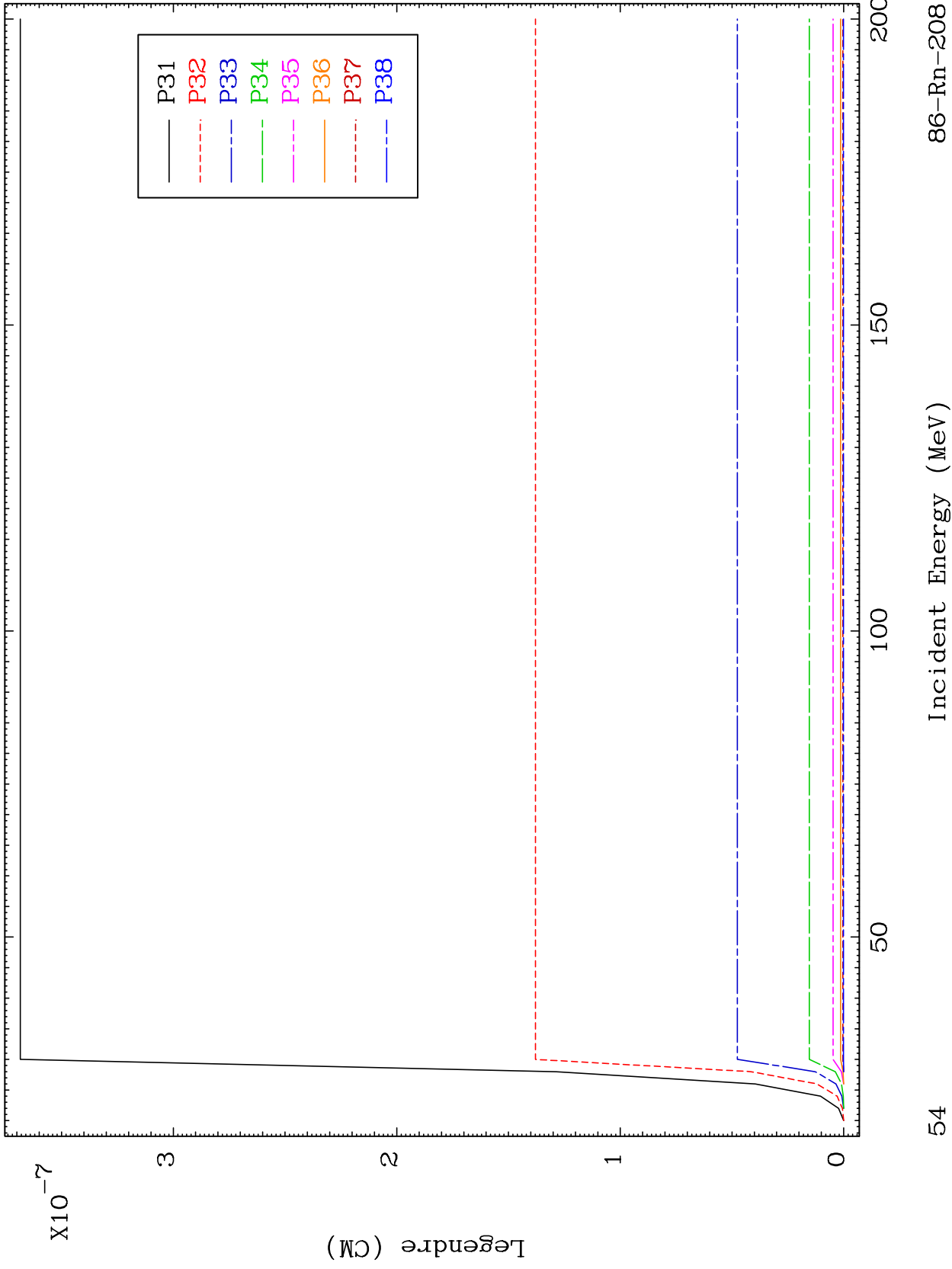
Incident Energy (MeV)



MAT 8616

1.906 MeV (n,n') Level
Legendre Coefficients

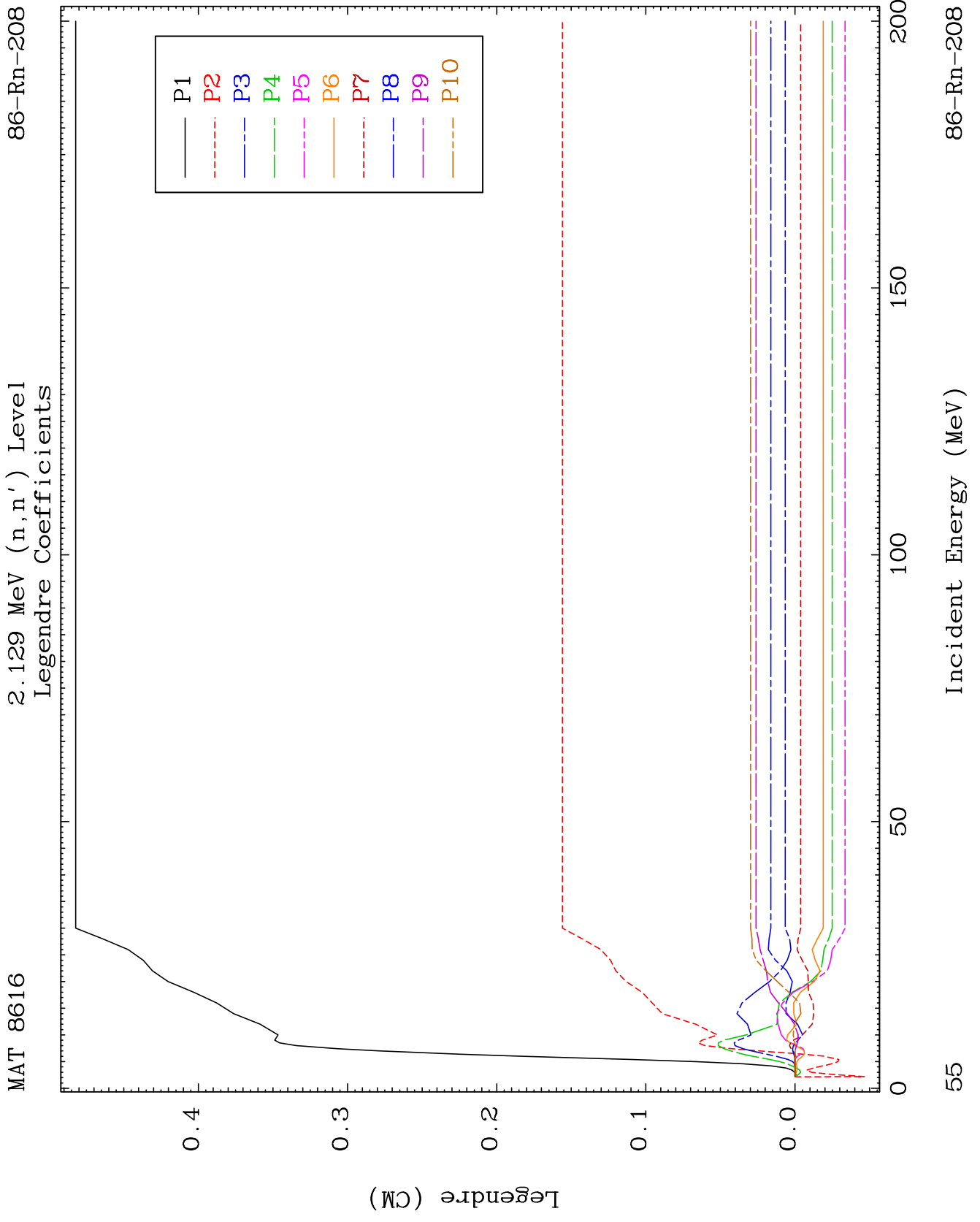
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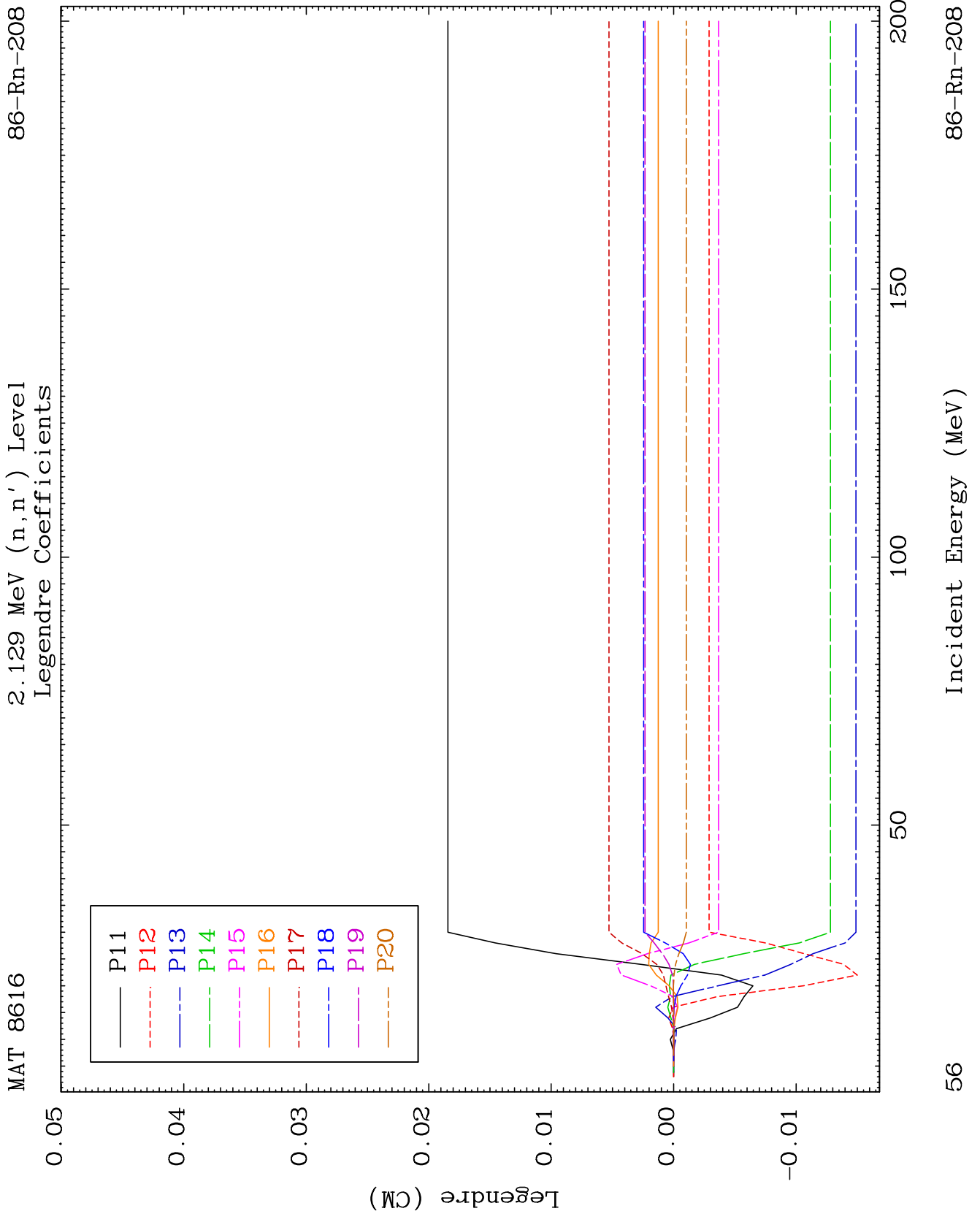


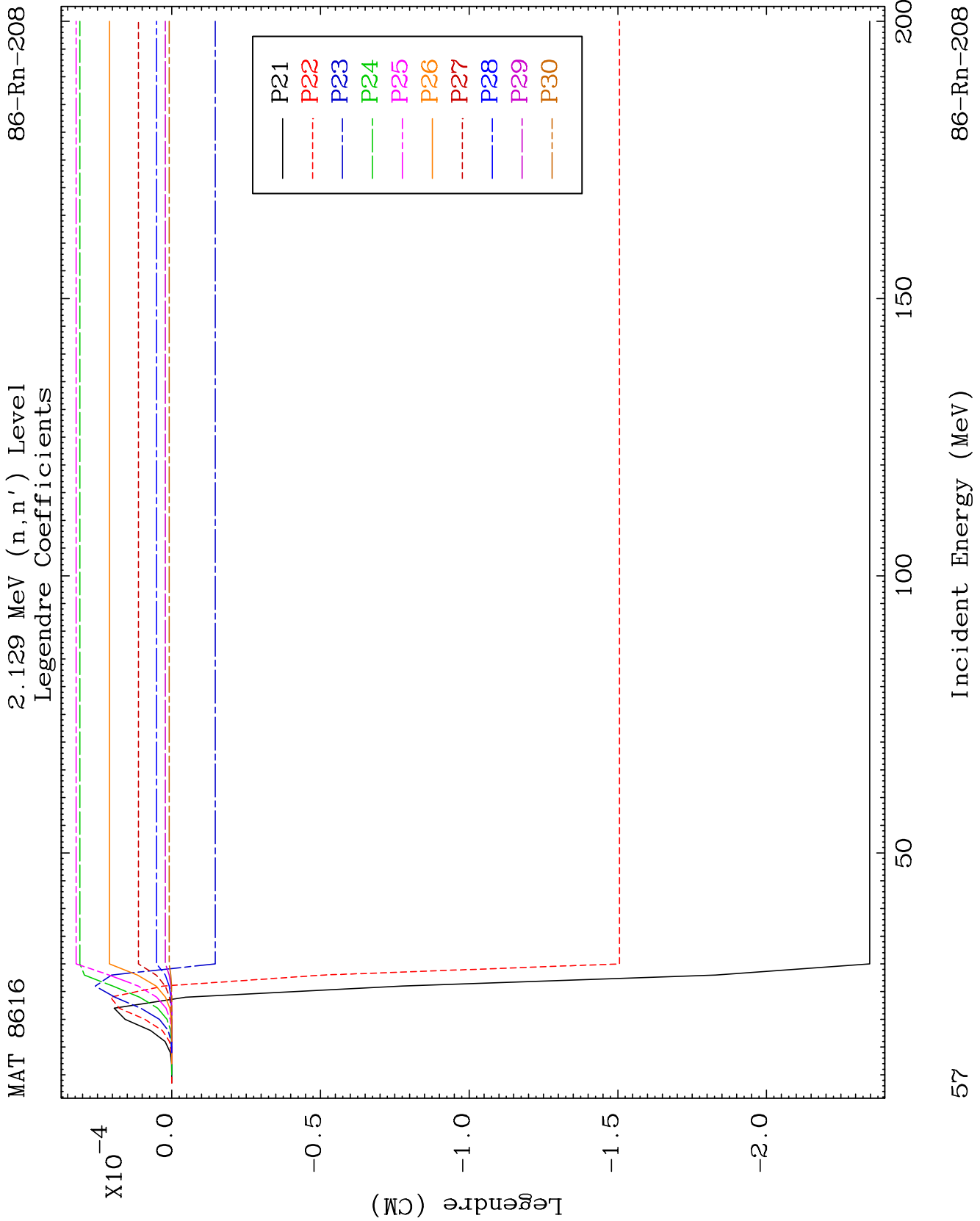
54

Incident Energy (MeV)

86-Rn-208



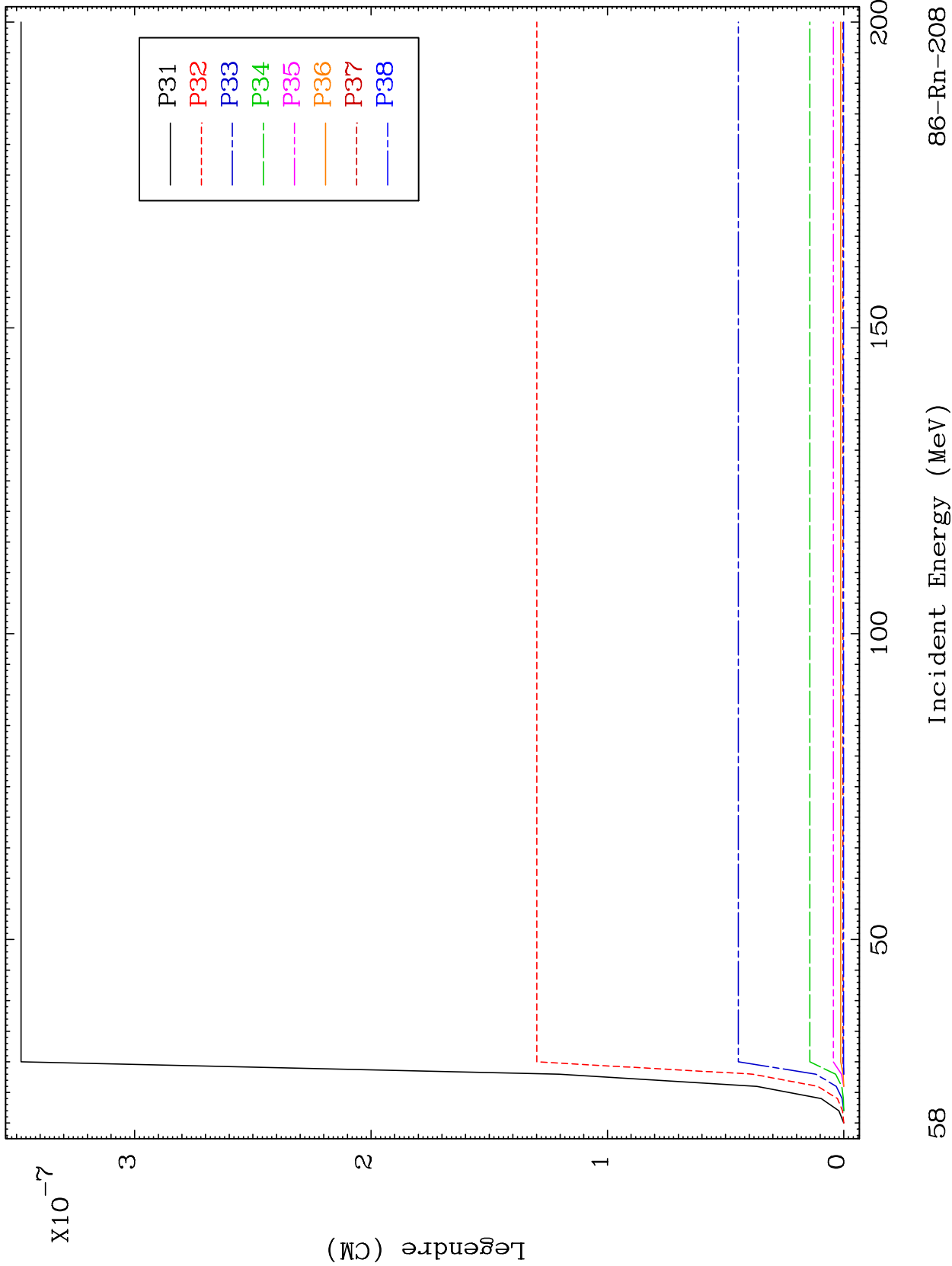




MAT 8616

2.129 MeV (n,n') Level
Legendre Coefficients

86-Rn-208



58

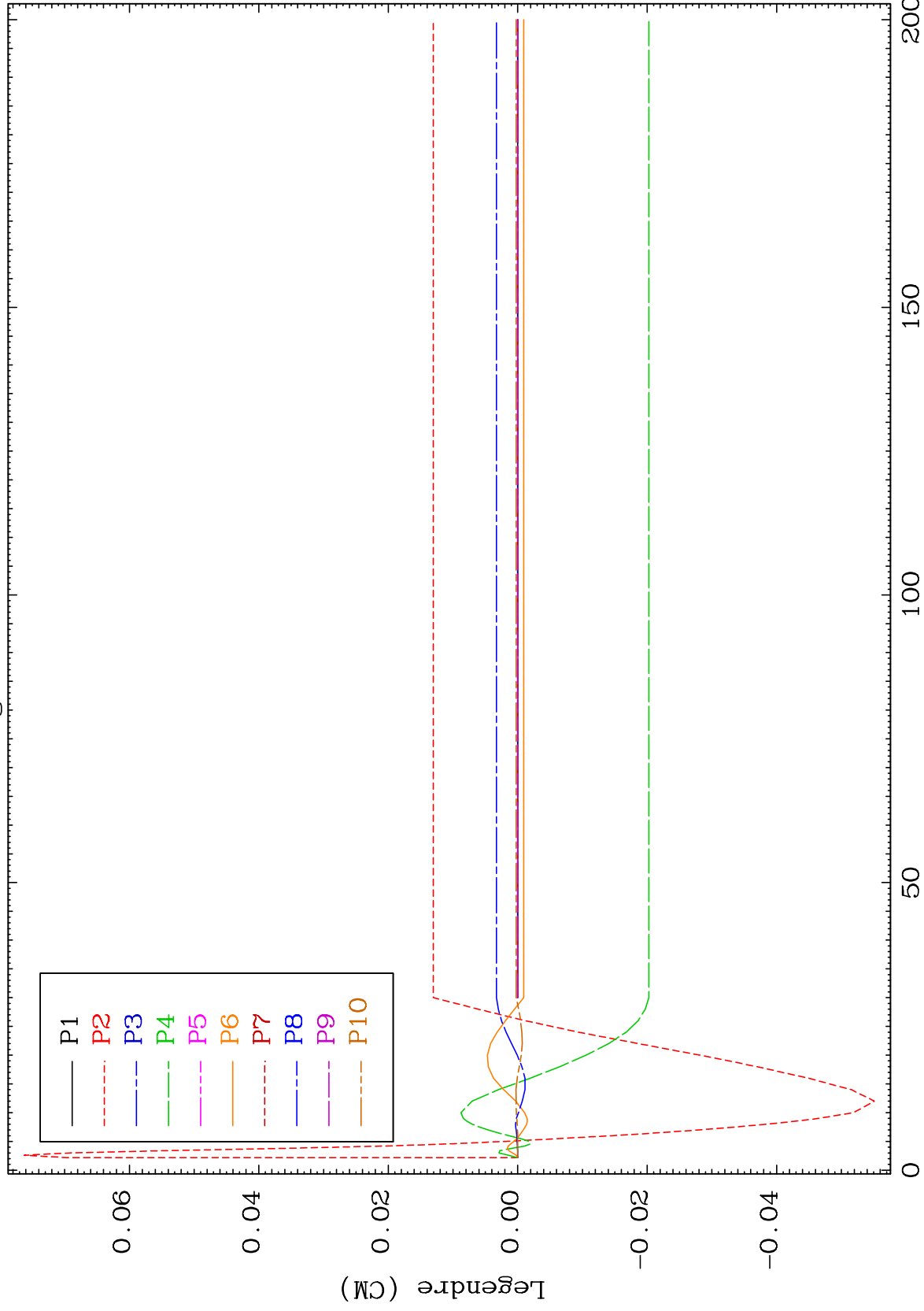
Incident Energy (MeV)

86-Rn-208

MAT 8616

2.163 MeV (n,n') Level
Legendre Coefficients

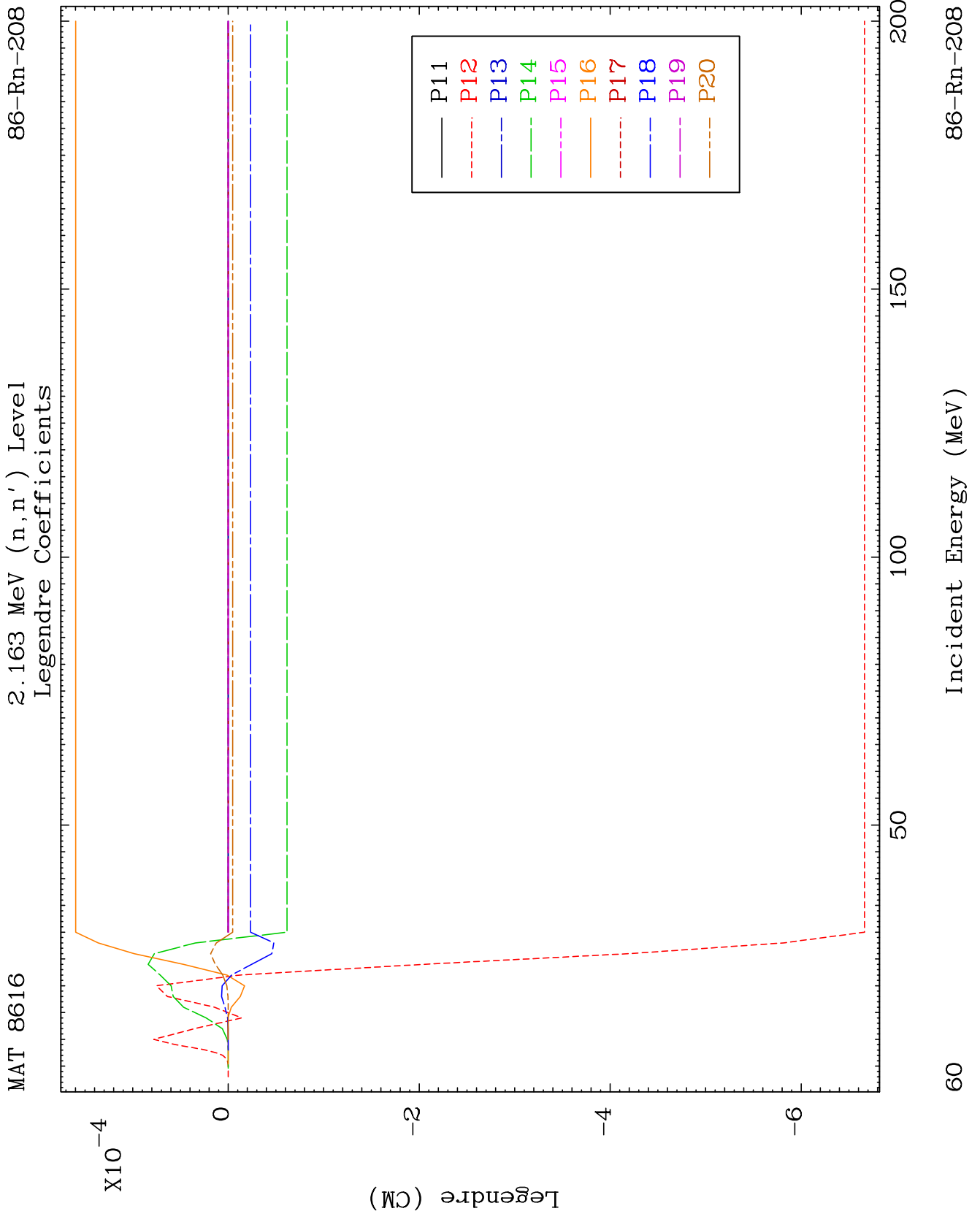
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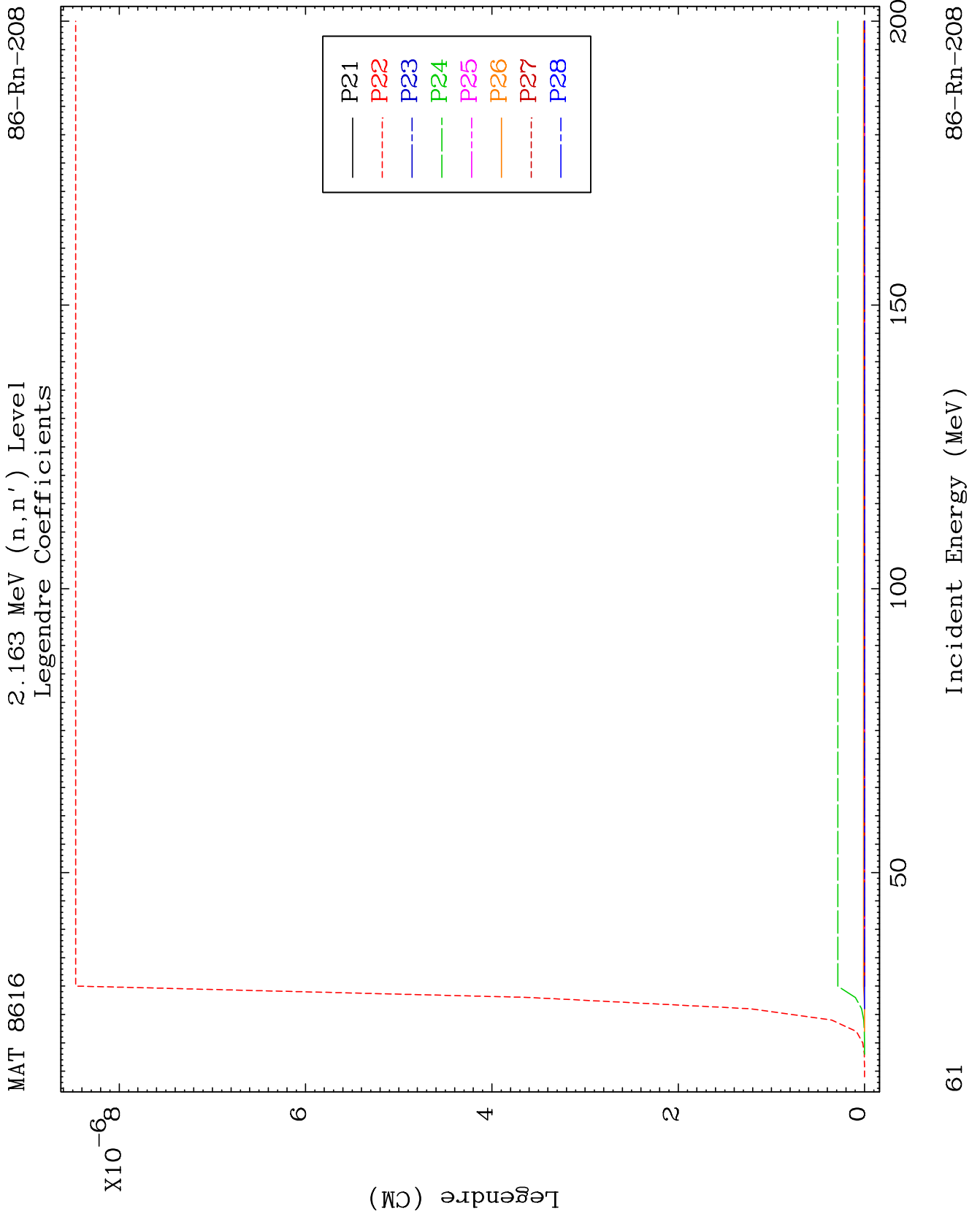


86-Rn-208

Incident Energy (MeV)

59

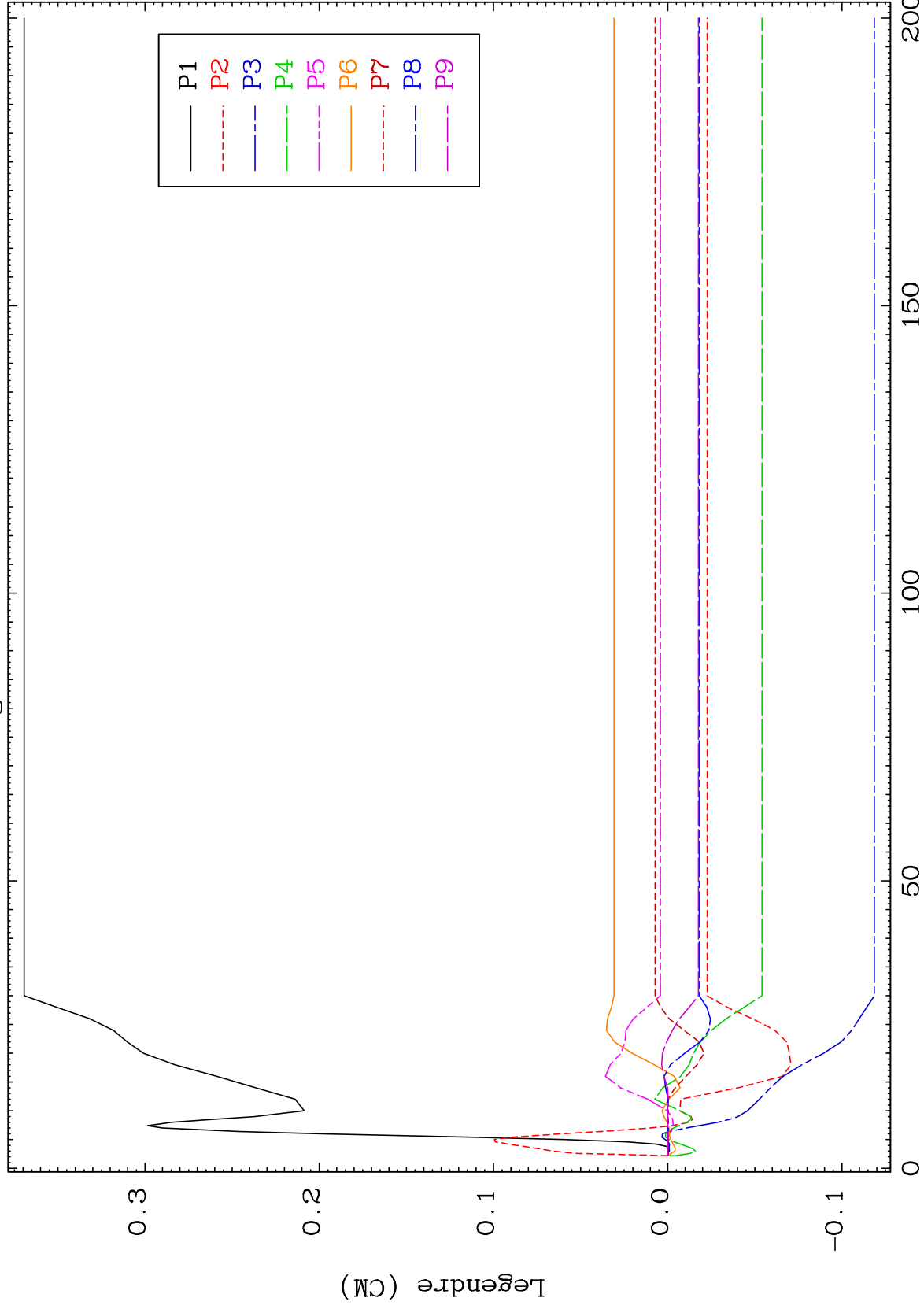




MAT 8616

2.171 MeV (n,n') Level
Legendre Coefficients

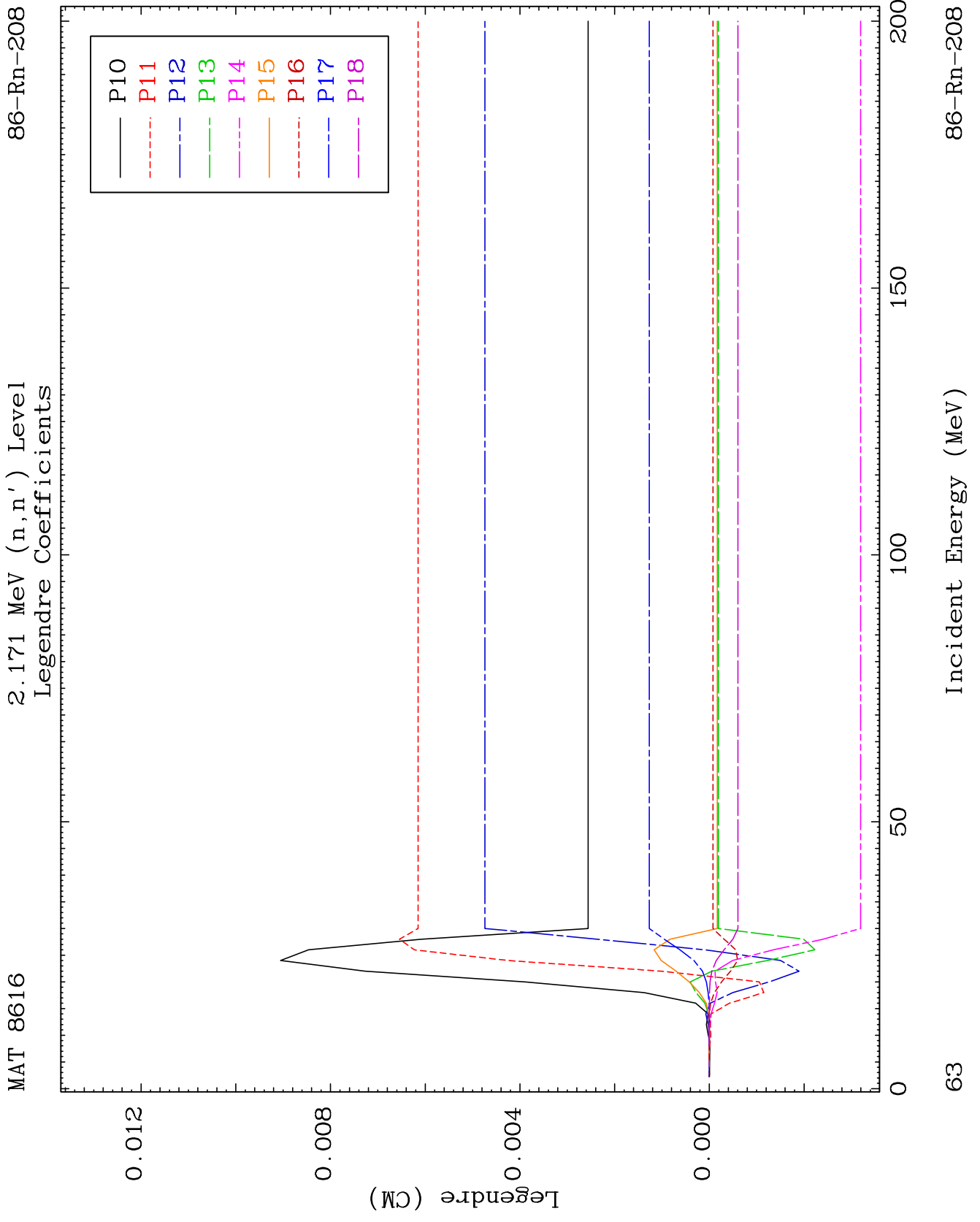
86-Rn-208



86-Rn-208

Incident Energy (MeV)

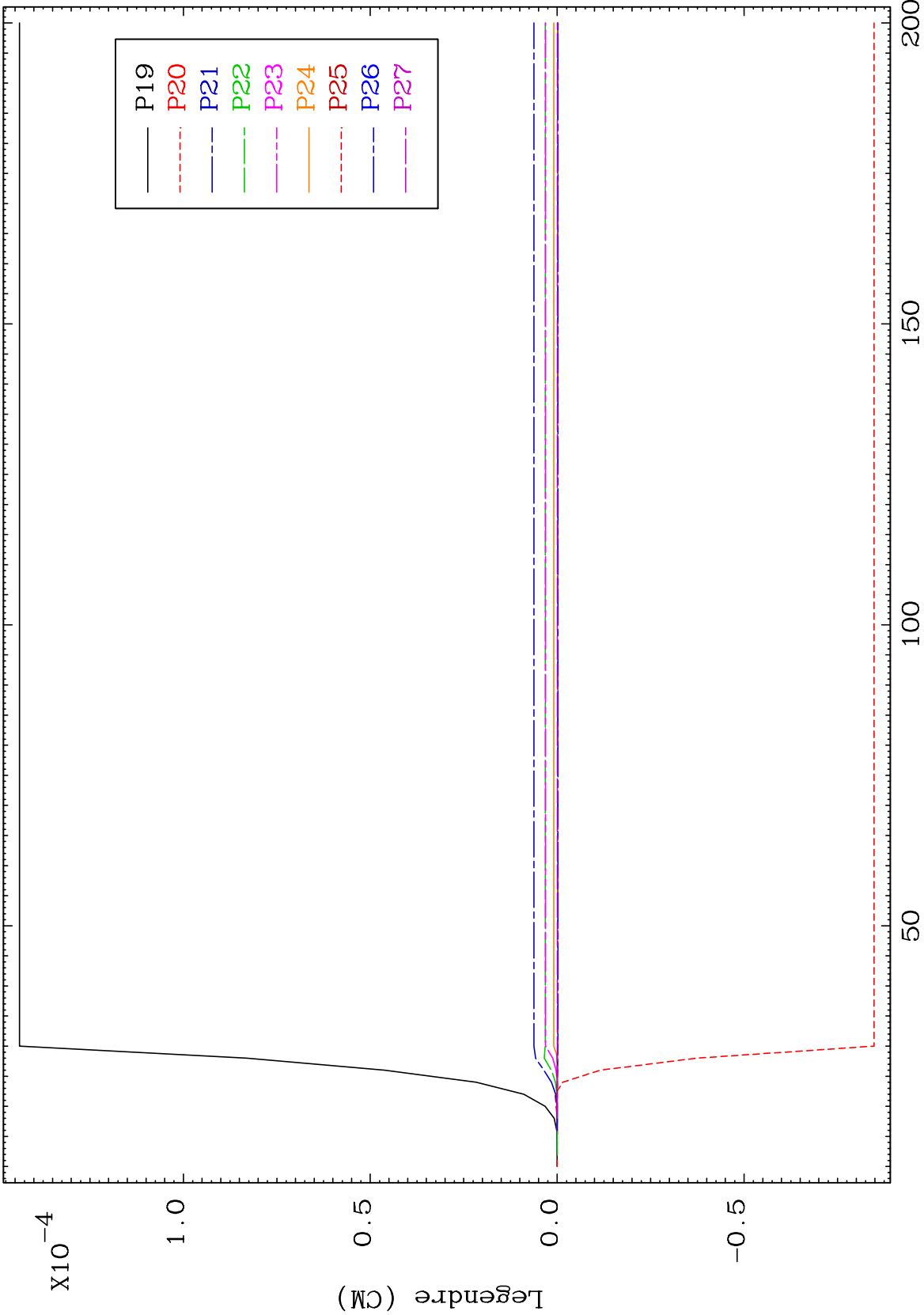
62



MAT 8616

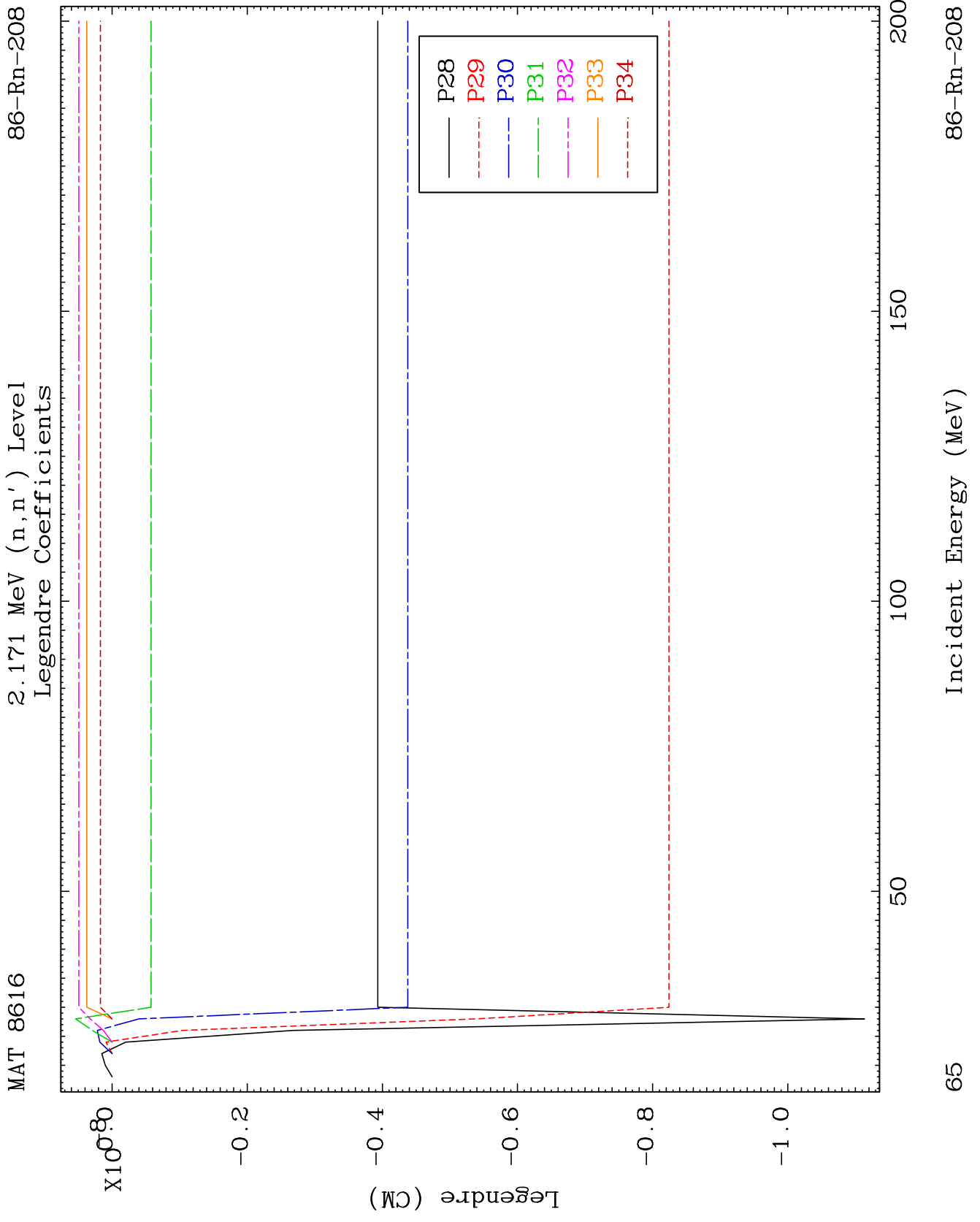
2.171 MeV (n,n') Level
Legendre Coefficients

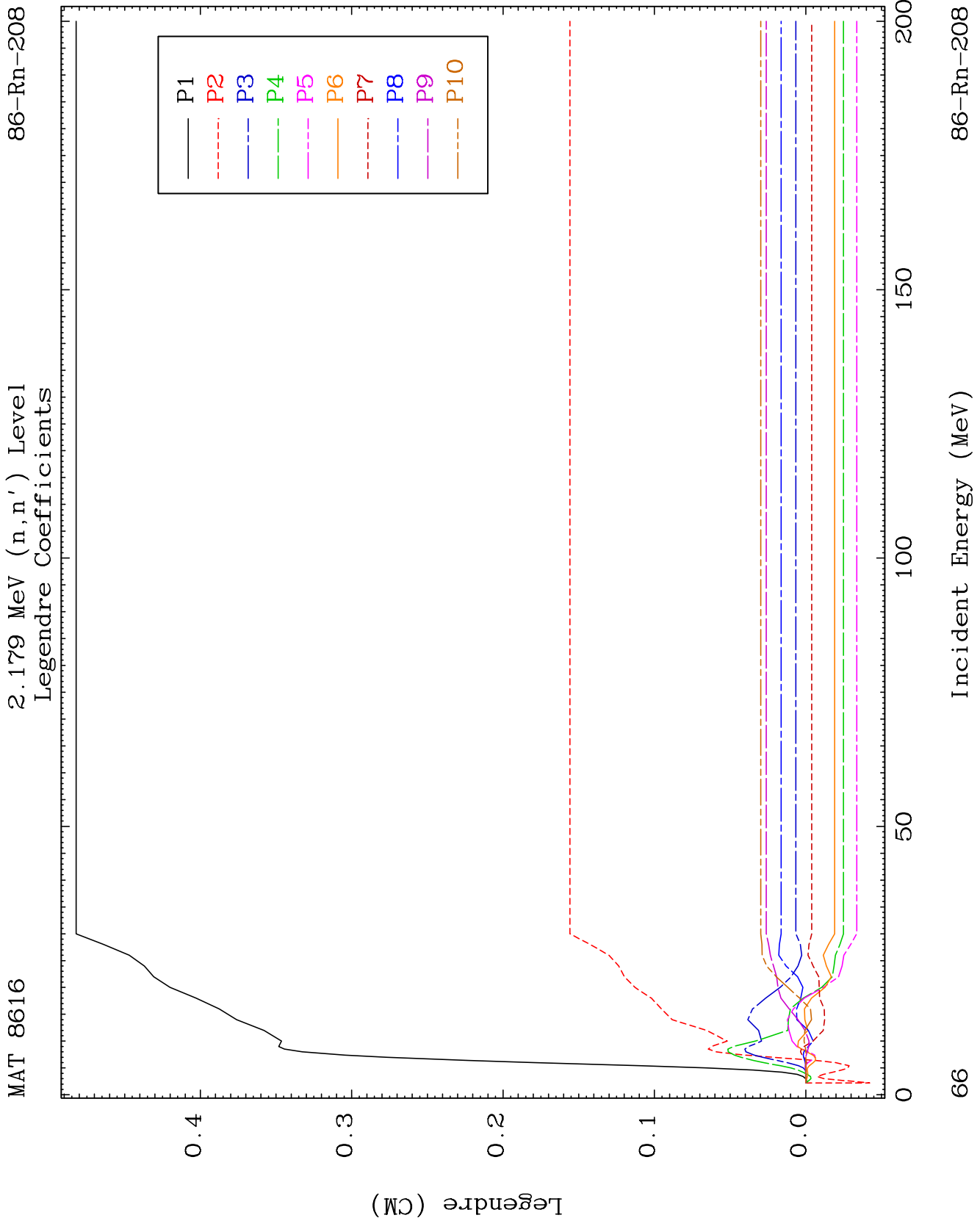
86-Rn-208



64

86-Rn-208

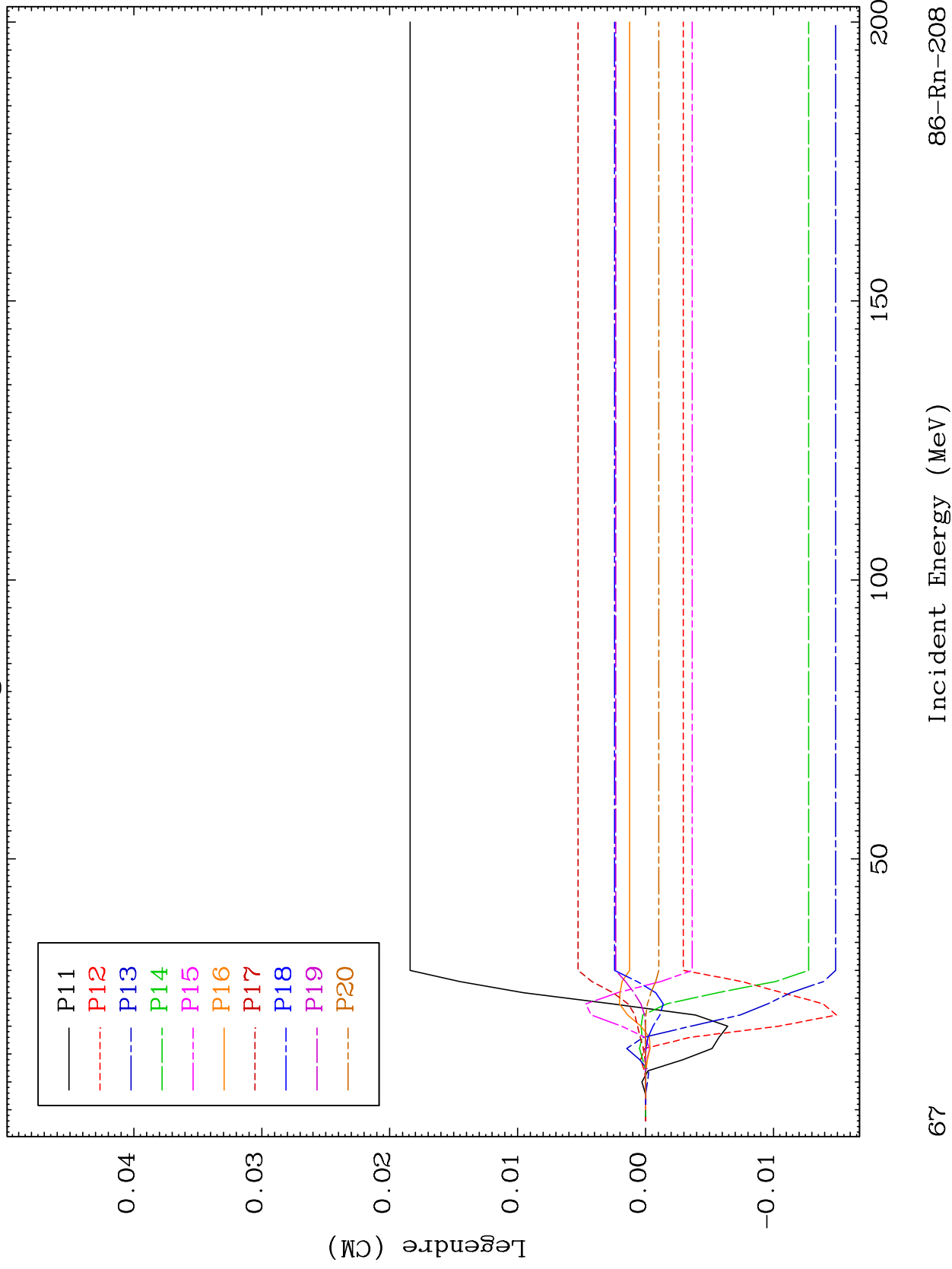




MAT 8616

2.179 MeV (n,n') Level
Legendre Coefficients

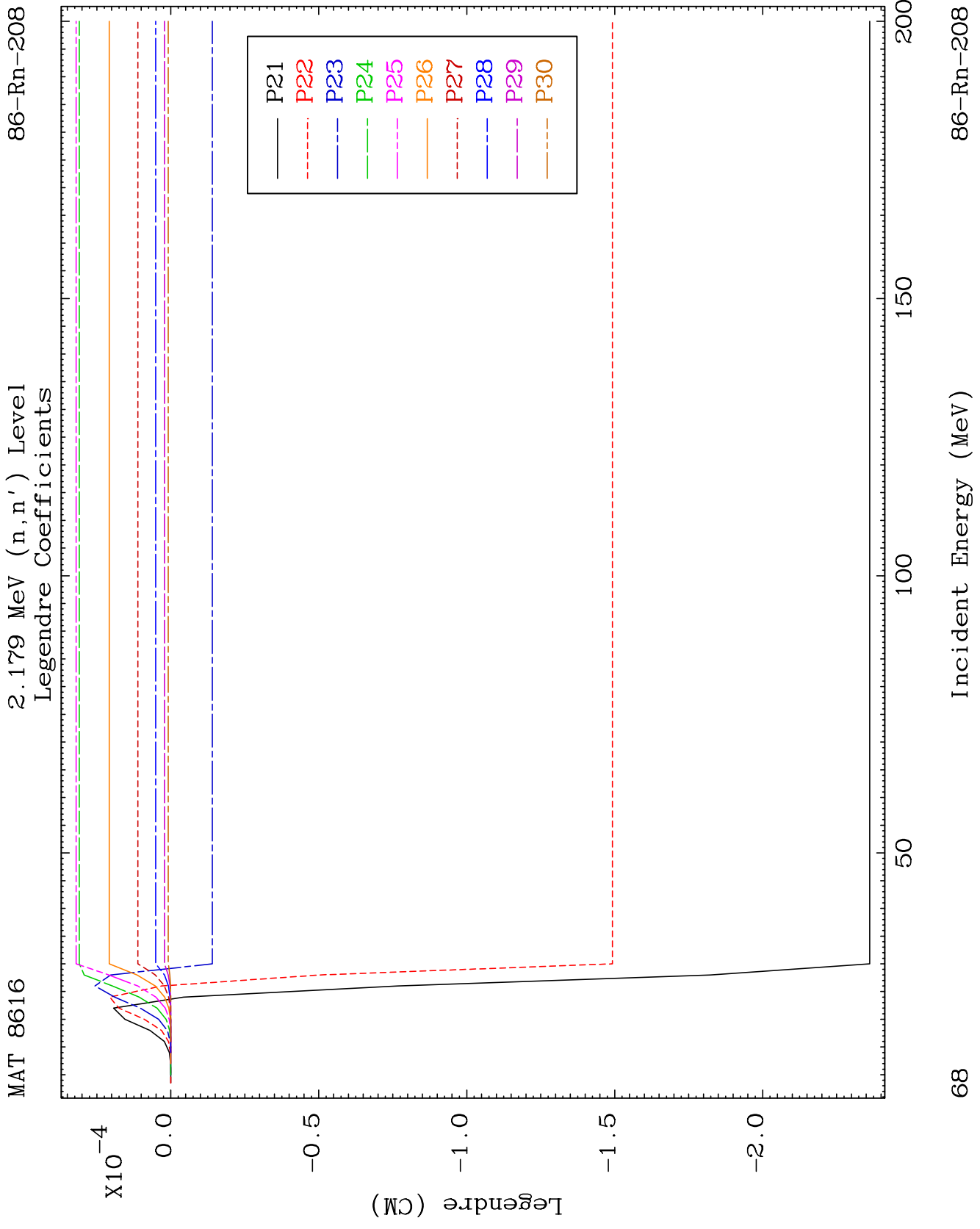
86-Rn-208



67

Incident Energy (MeV)

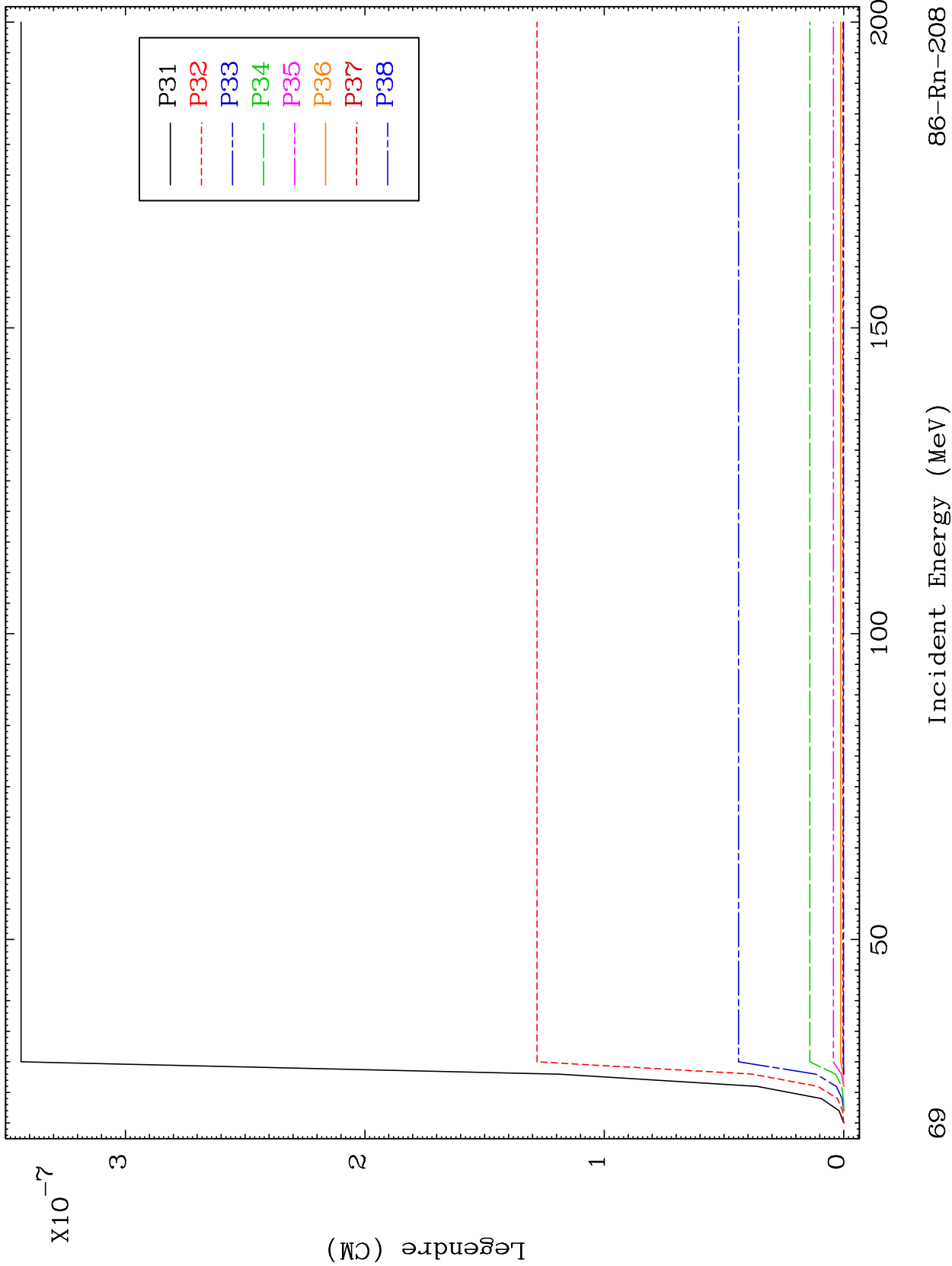
86-Rn-208



MAT 8616

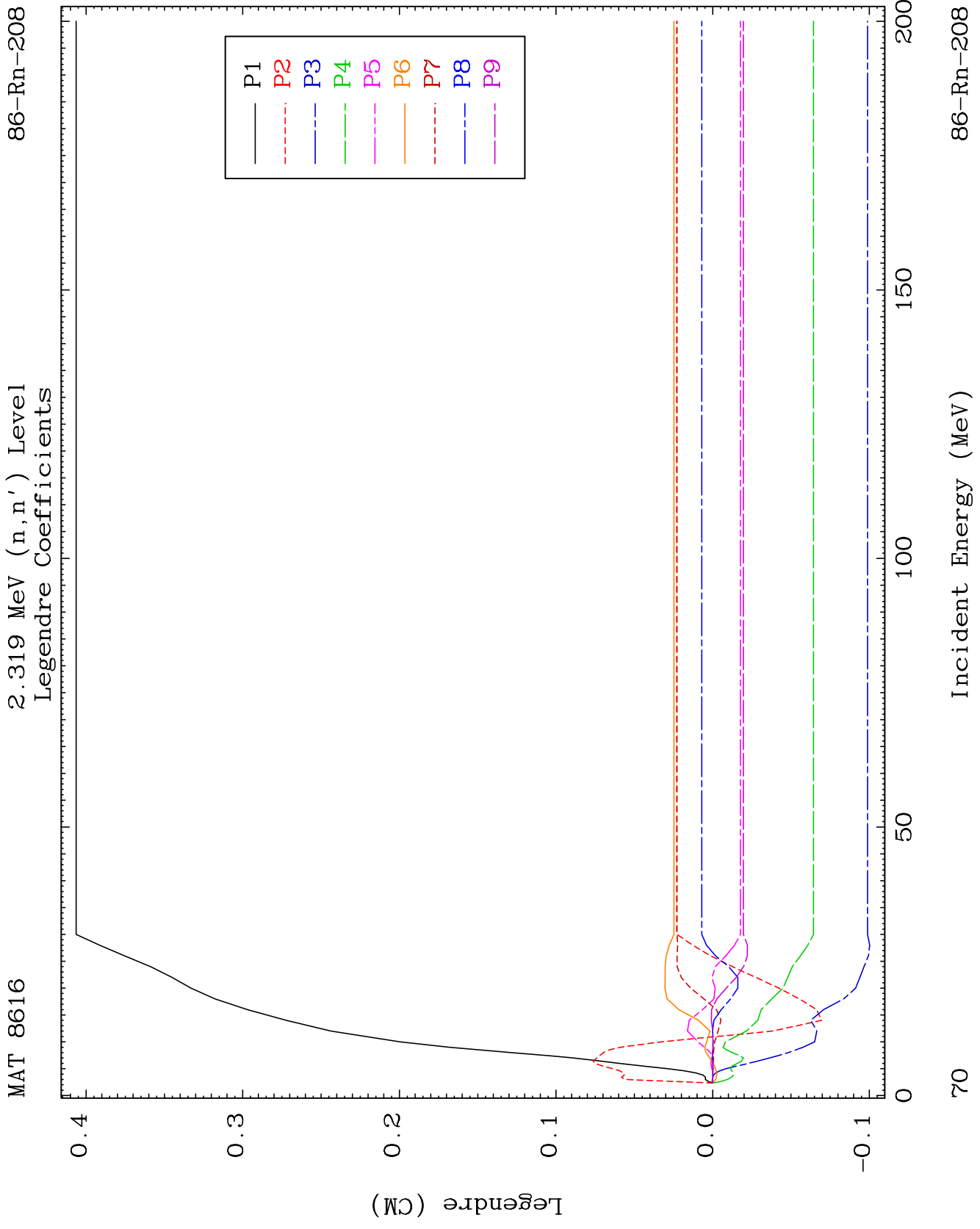
2.179 MeV (n,n') Level
Legendre Coefficients

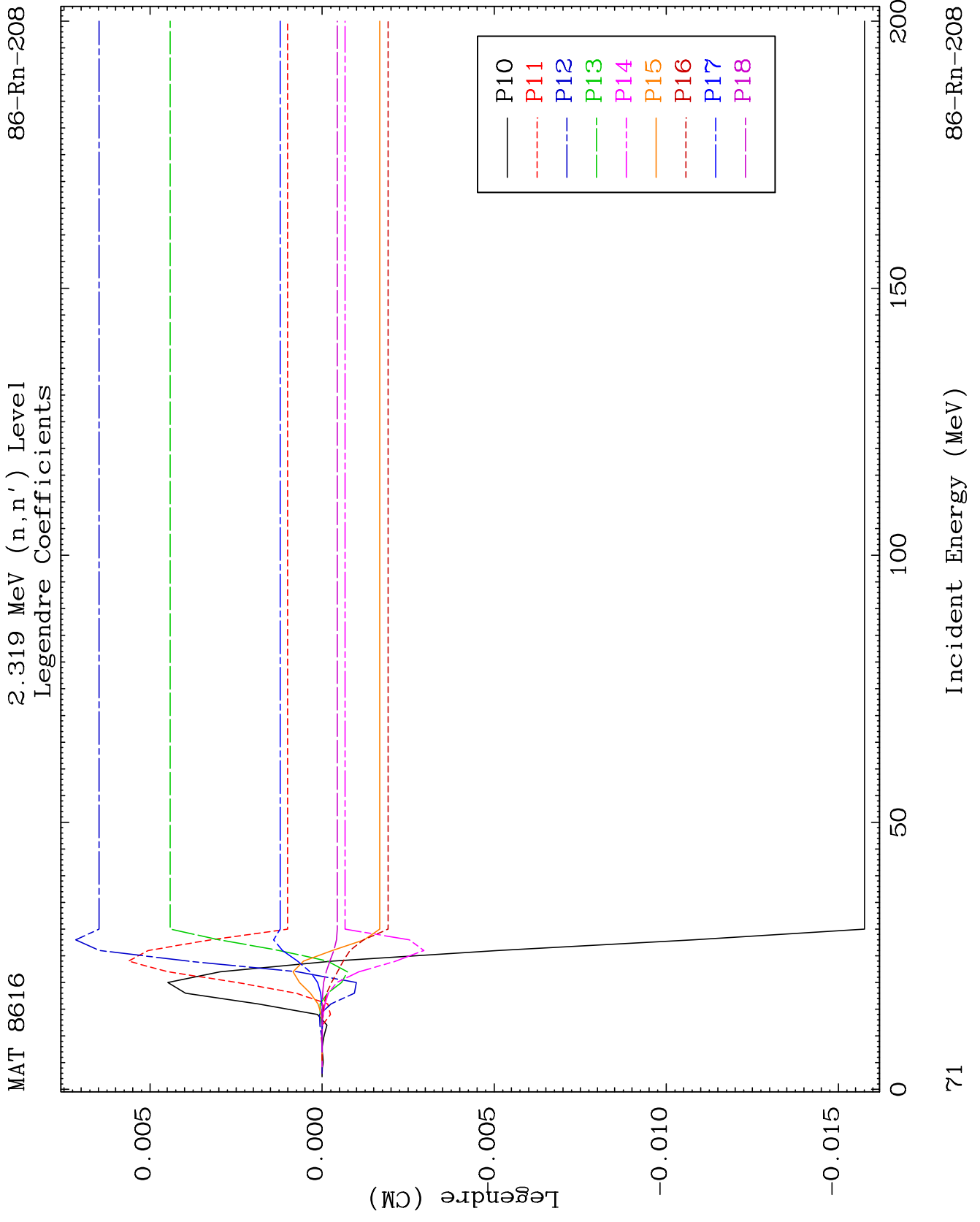
86-Rn-208



69

86-Rn-208

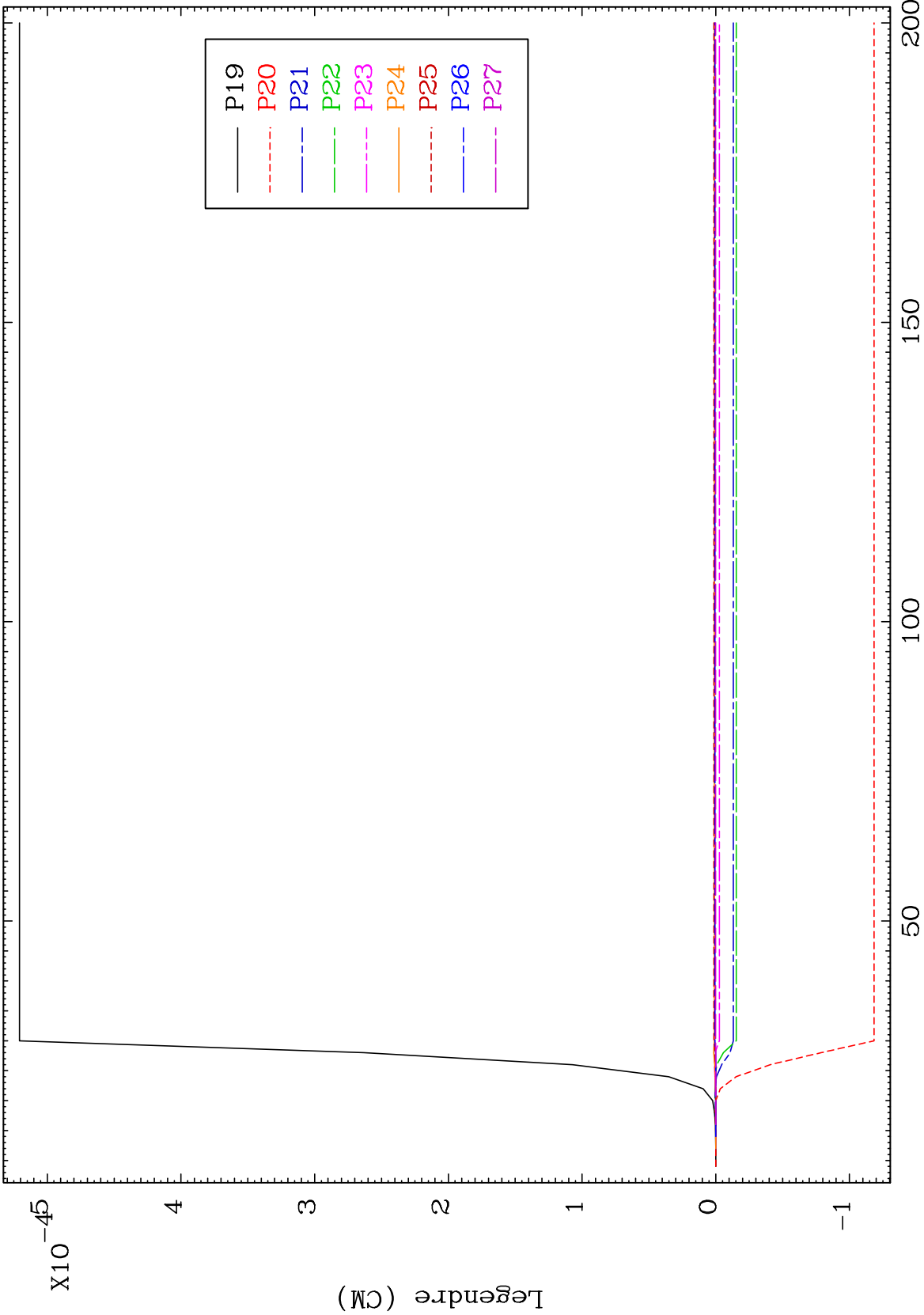




MAT 8616

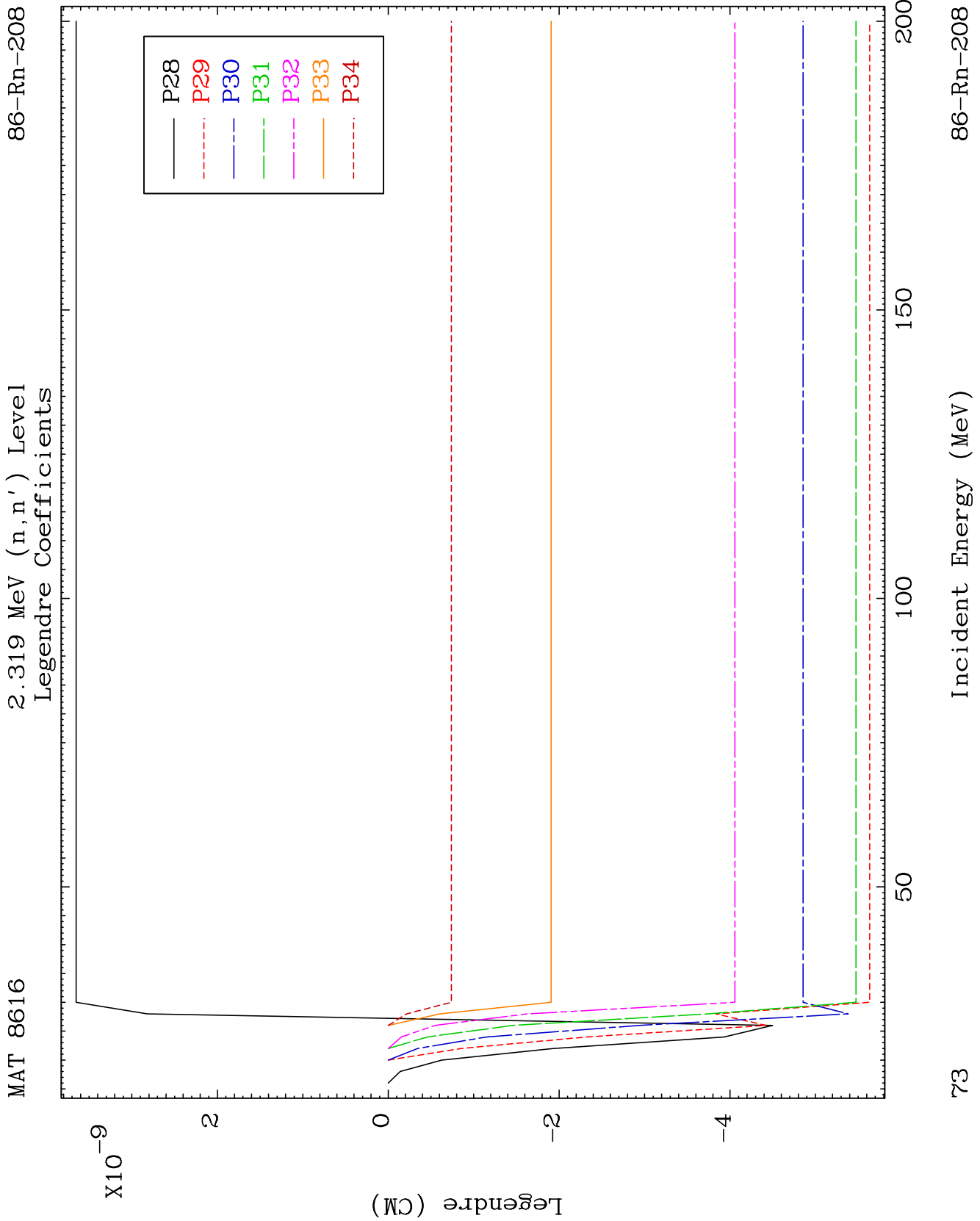
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Legendre Coefficients

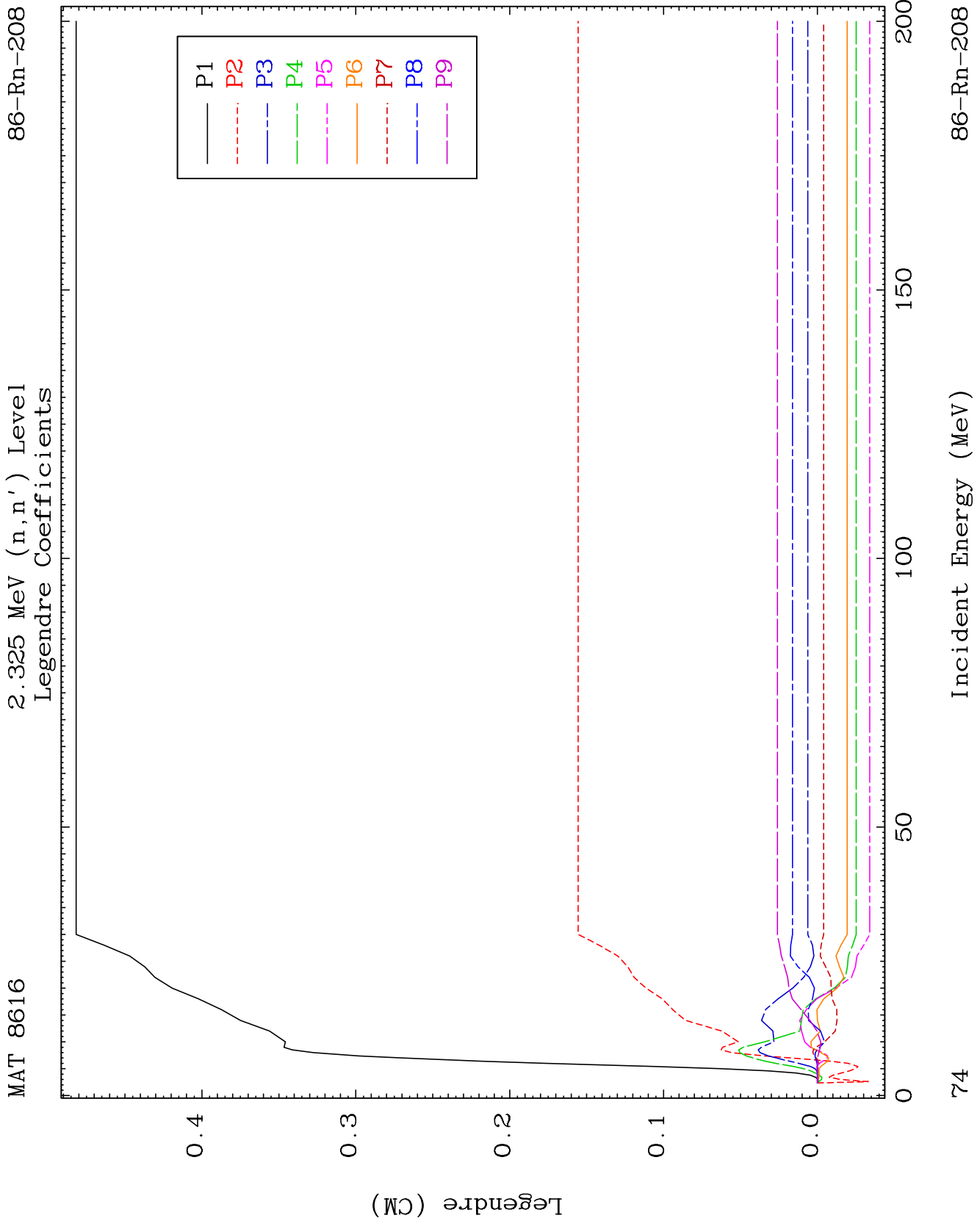
86-Rn-208



72

86-Rn-208

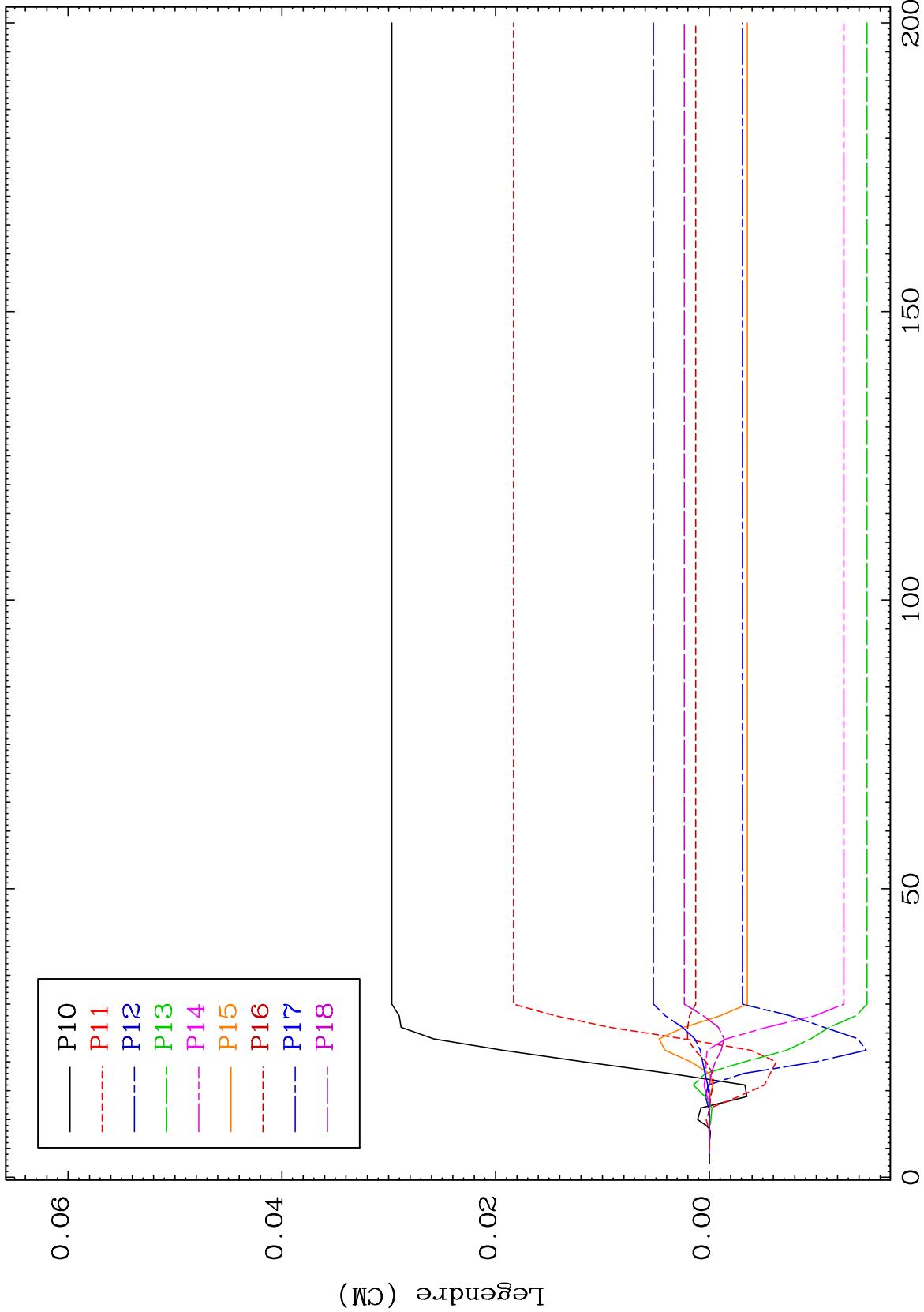




MAT 8616

2.325 MeV (n,n') Level
Legendre Coefficients

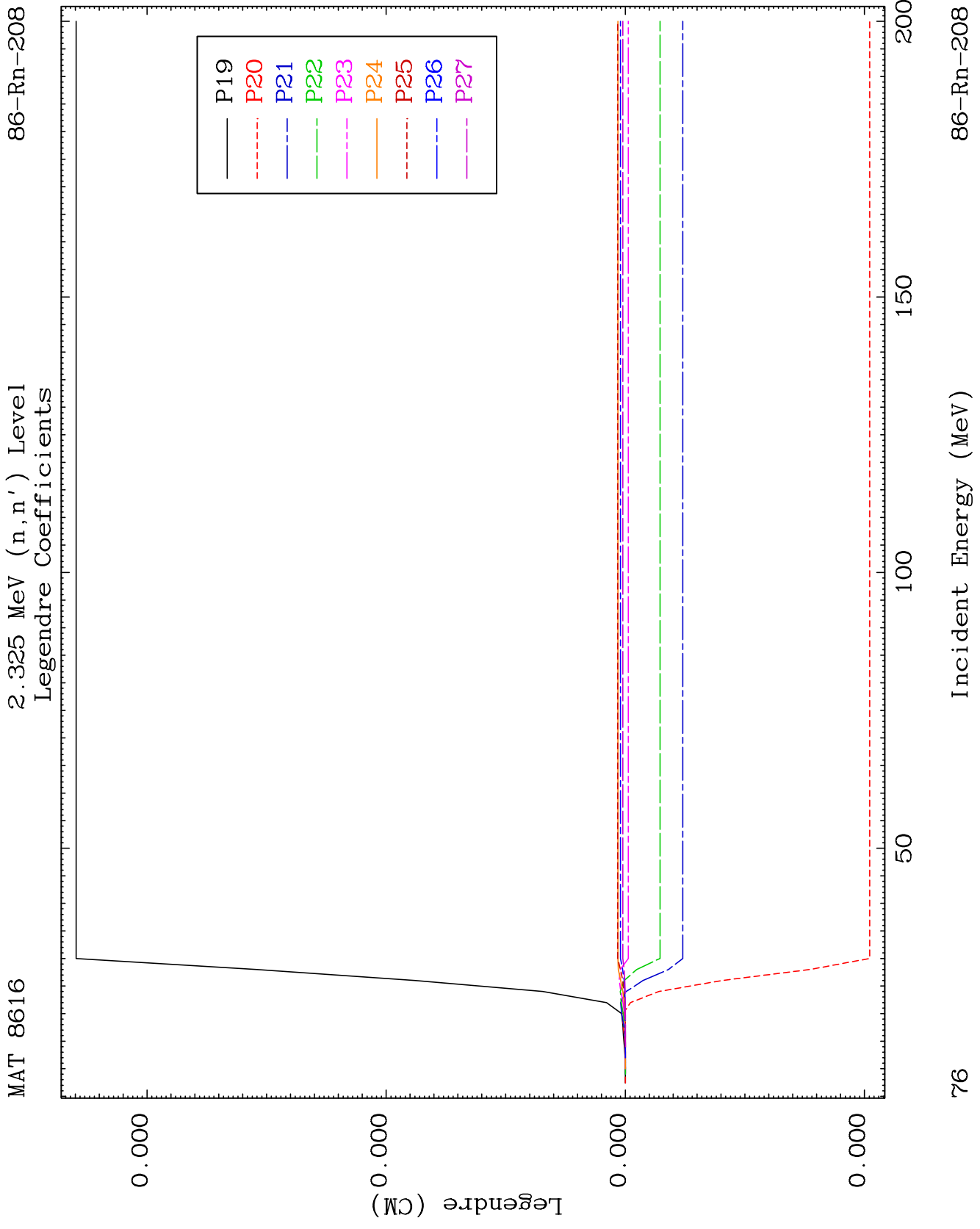
86-Rn-208

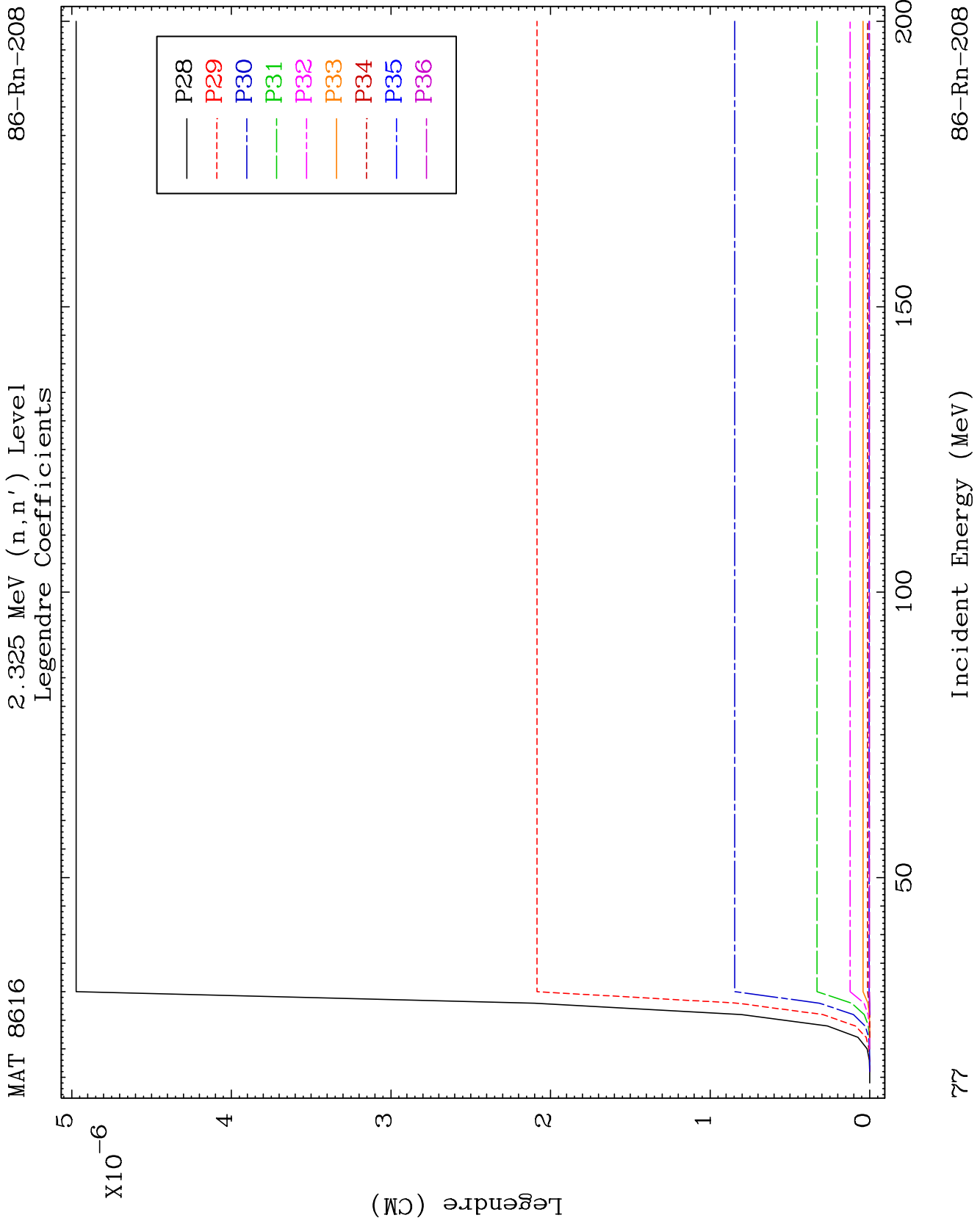


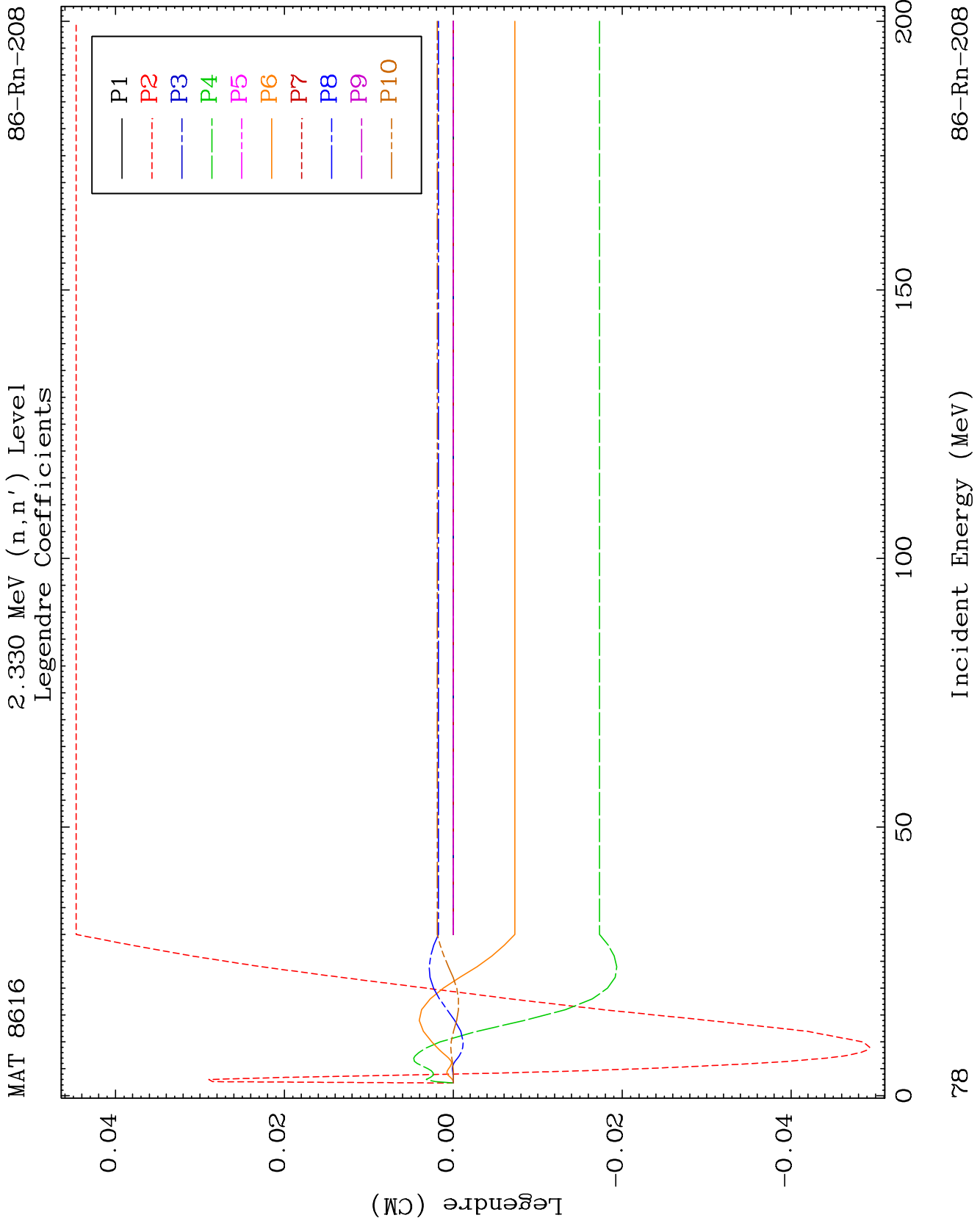
75

Incident Energy (MeV)

86-Rn-208



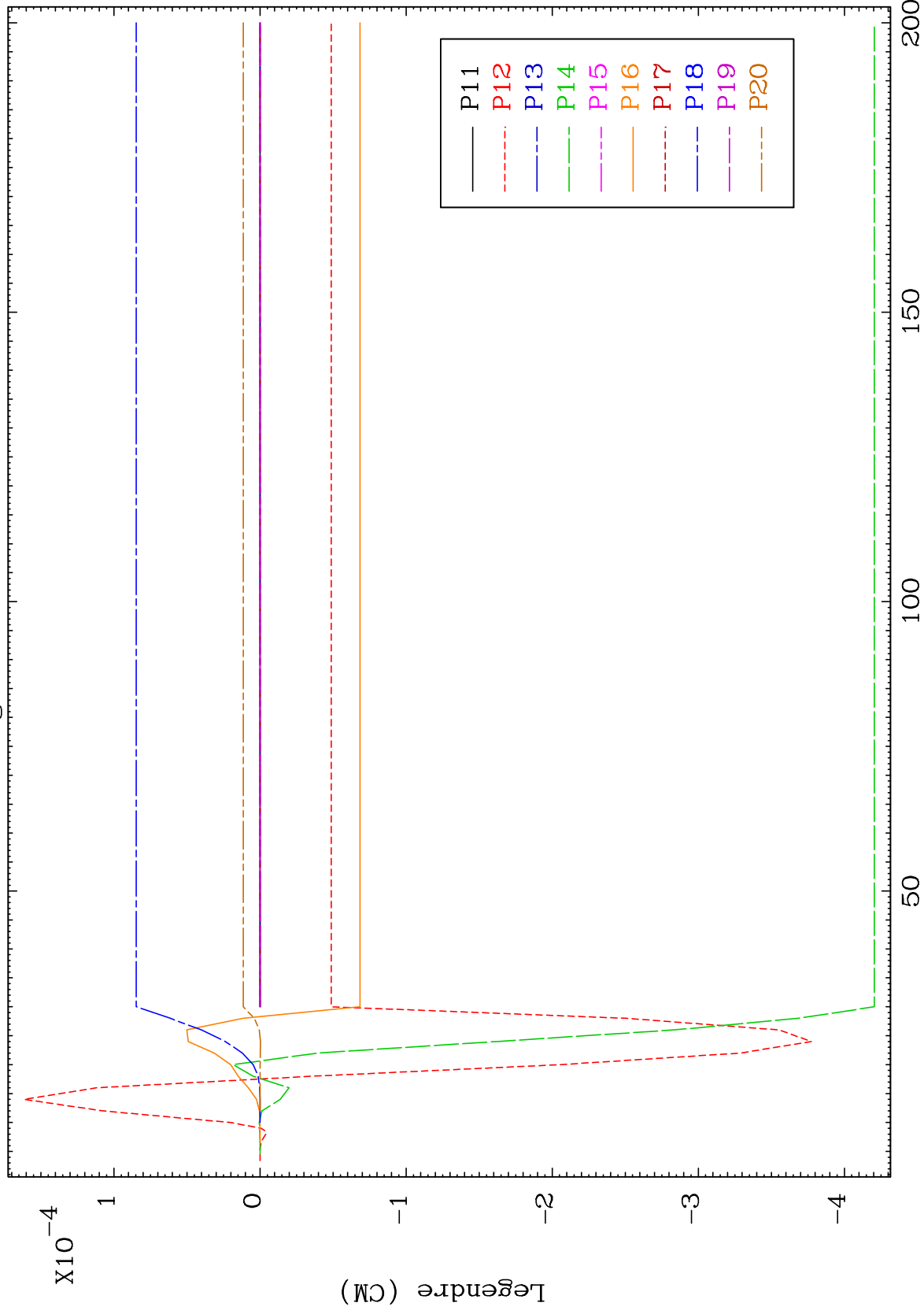




MAT 8616

2.330 MeV (n,n') Level
Legendre Coefficients

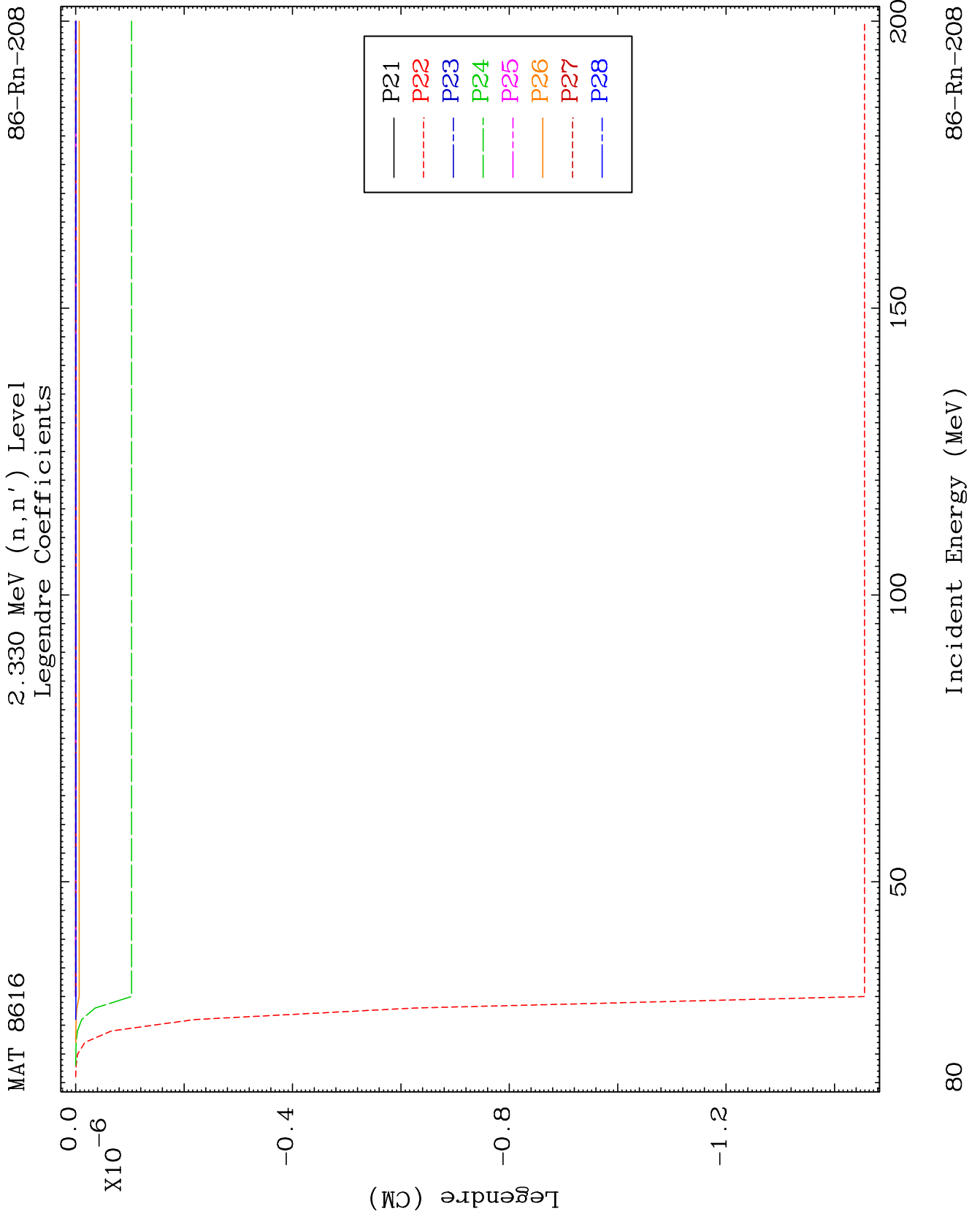
86-Rn-208



79

Incident Energy (MeV)

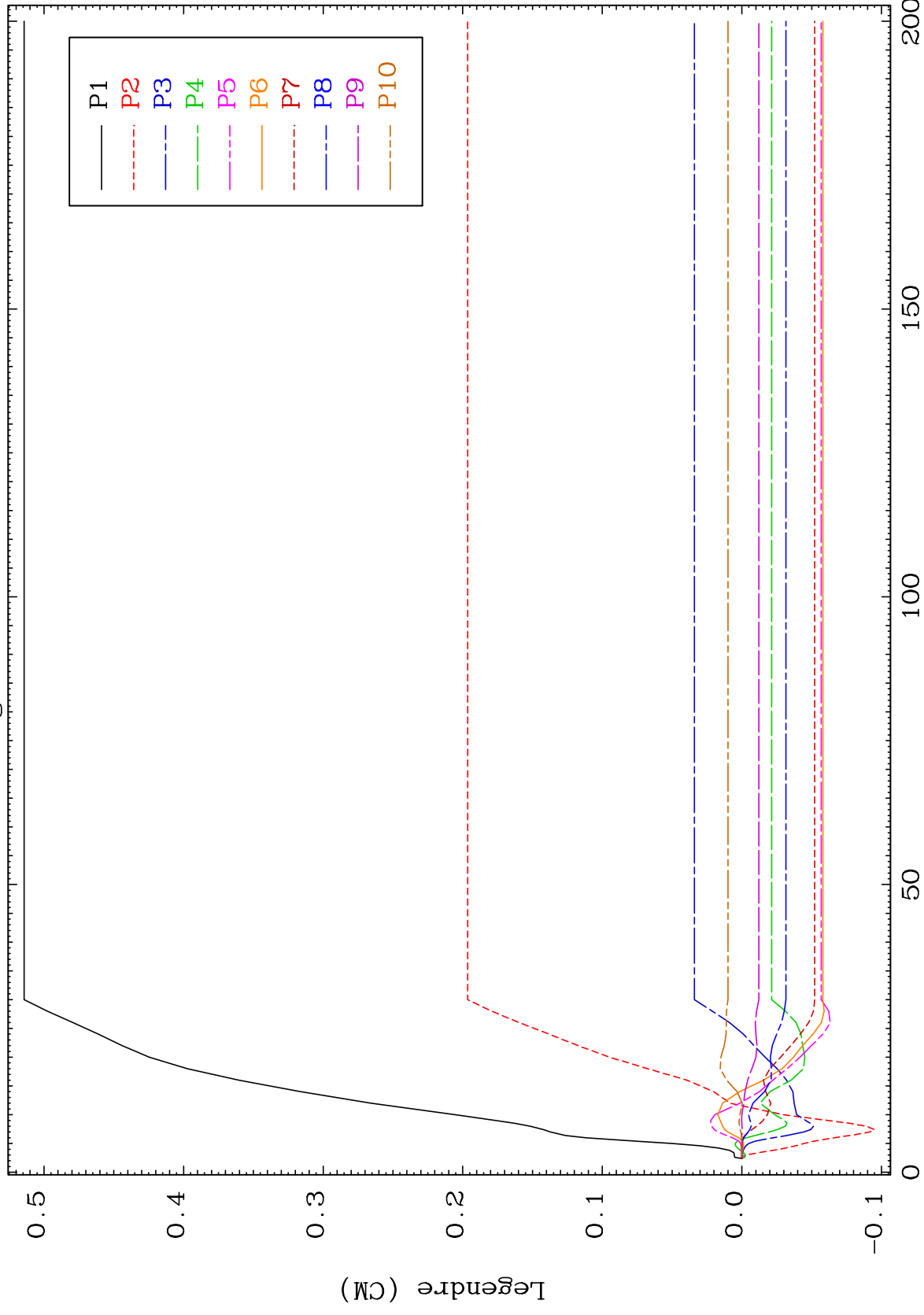
86-Rn-208



MAT 8616

2.357 MeV (n,n') Level
Legendre Coefficients

86-Rn-208



81

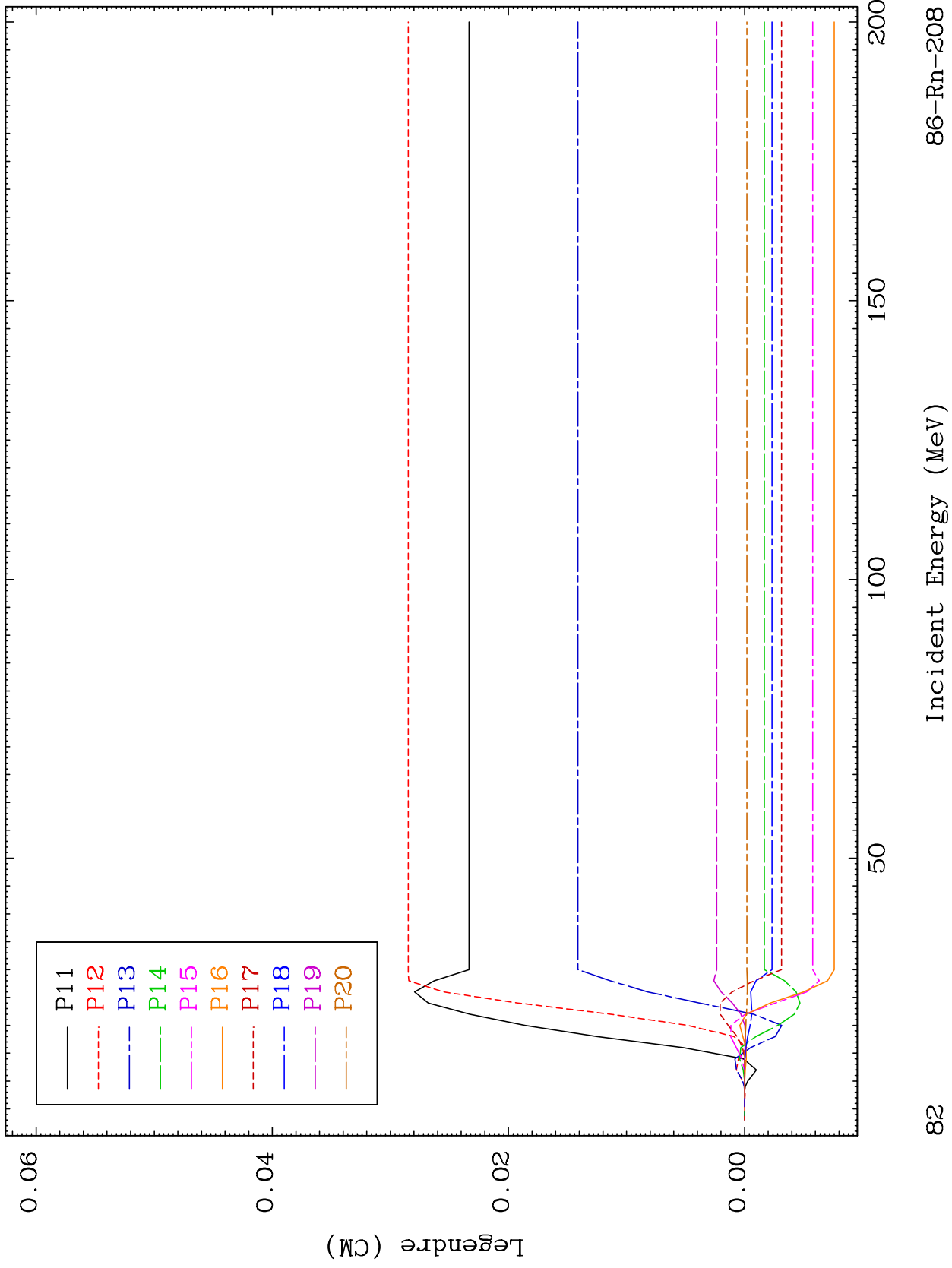
Incident Energy (MeV)

86-Rn-208

MAT 8616

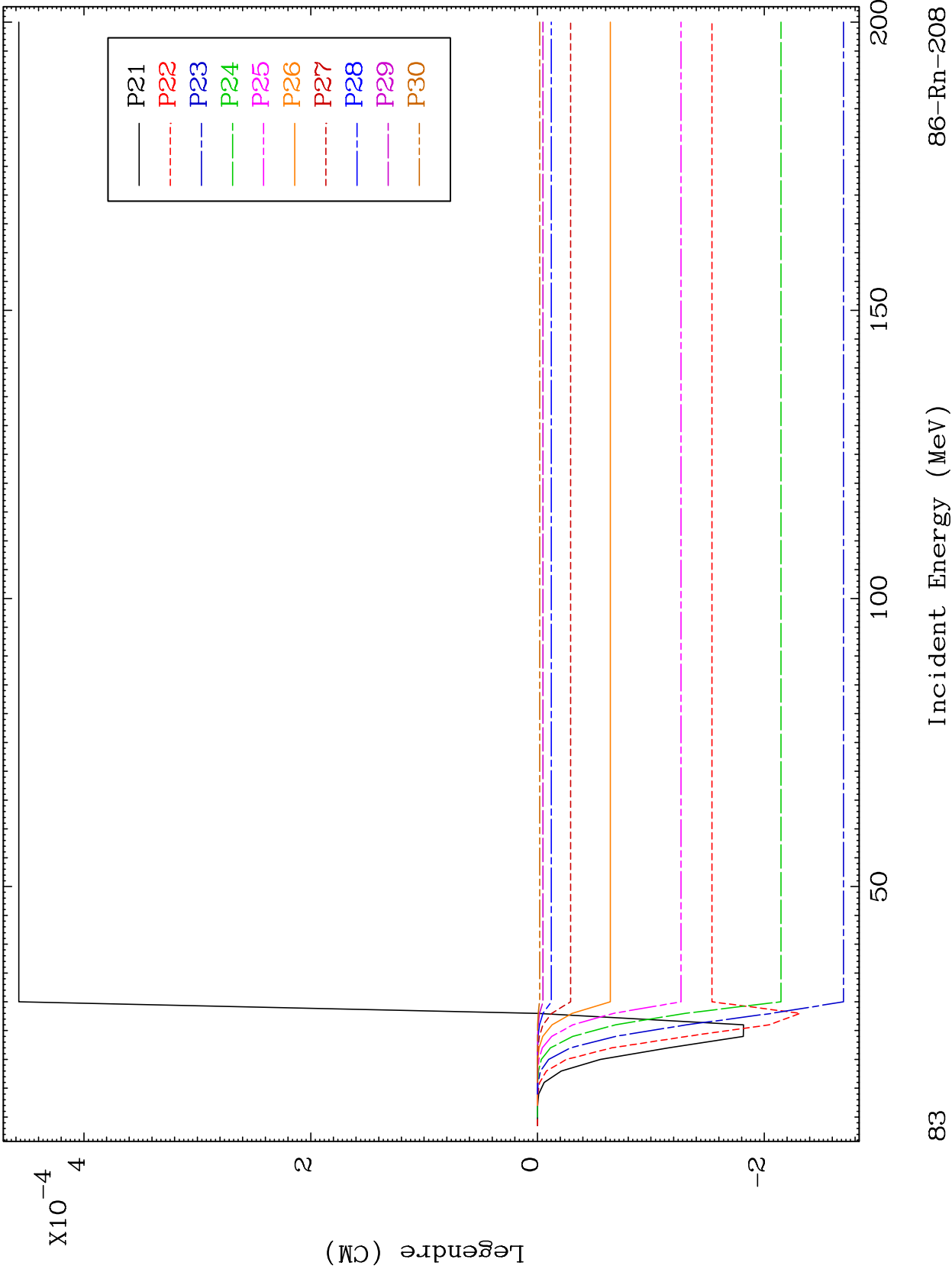
2.357 MeV (n,n') Level
Legendre Coefficients

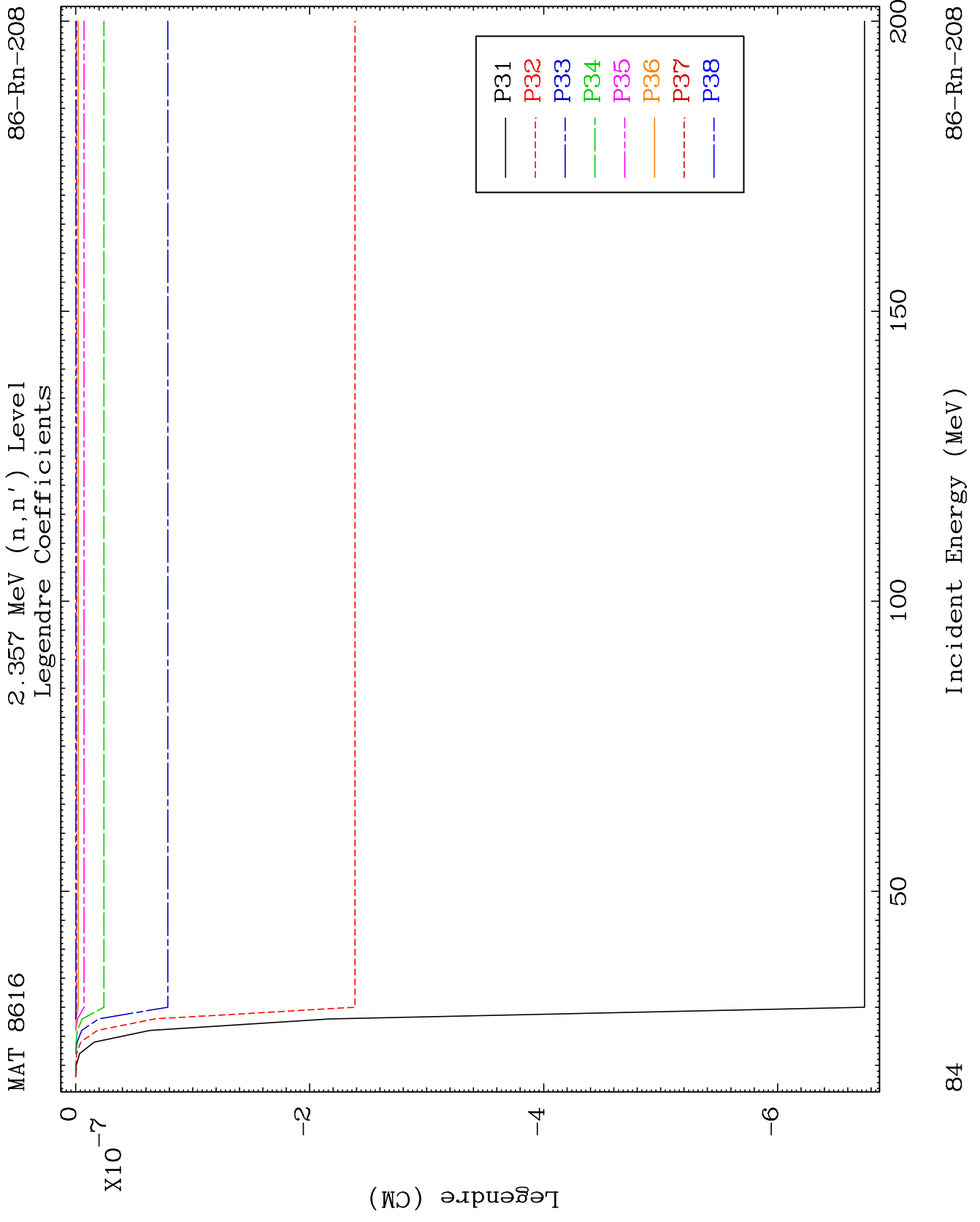
86-Rn-208

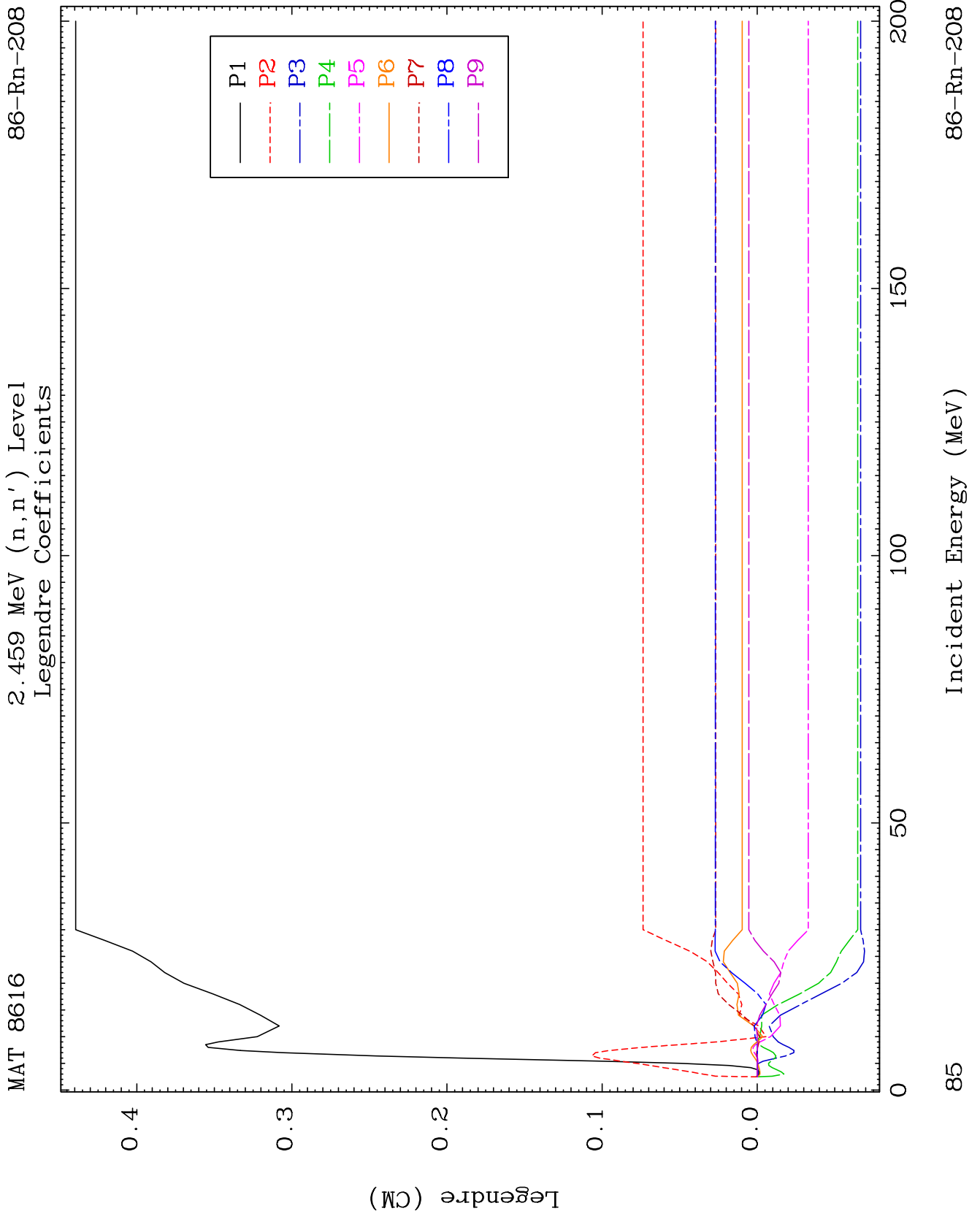


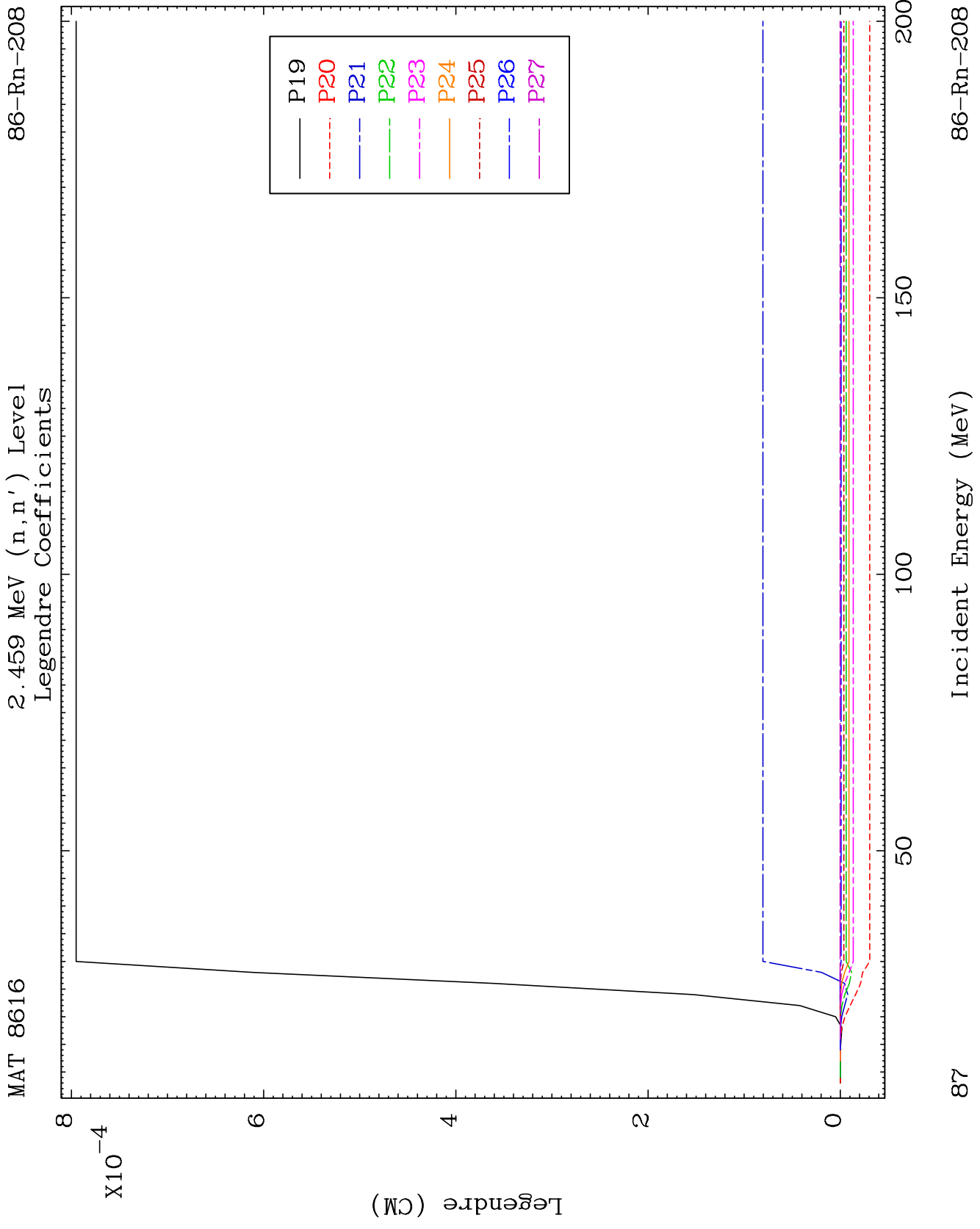
82

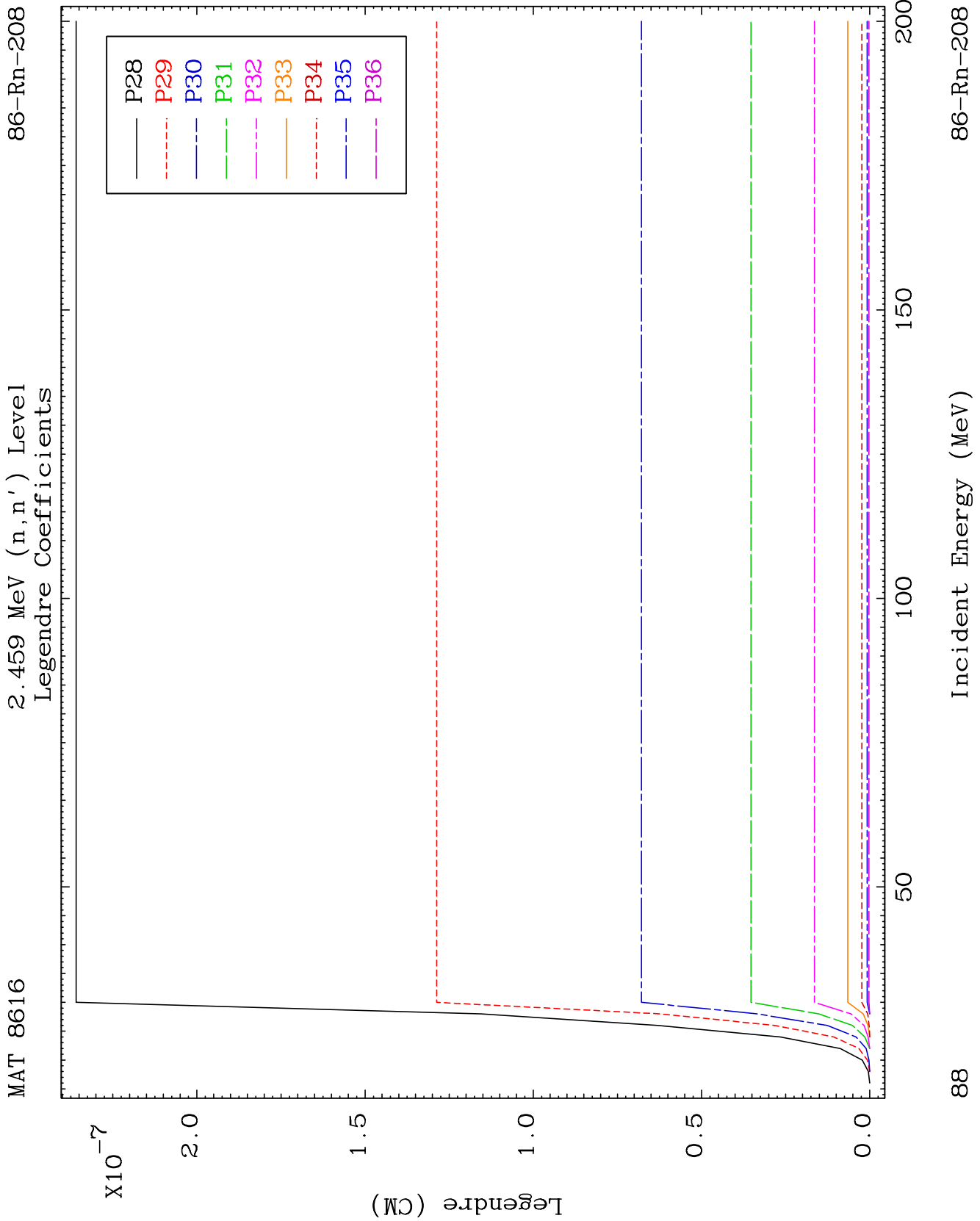
86-Rn-208

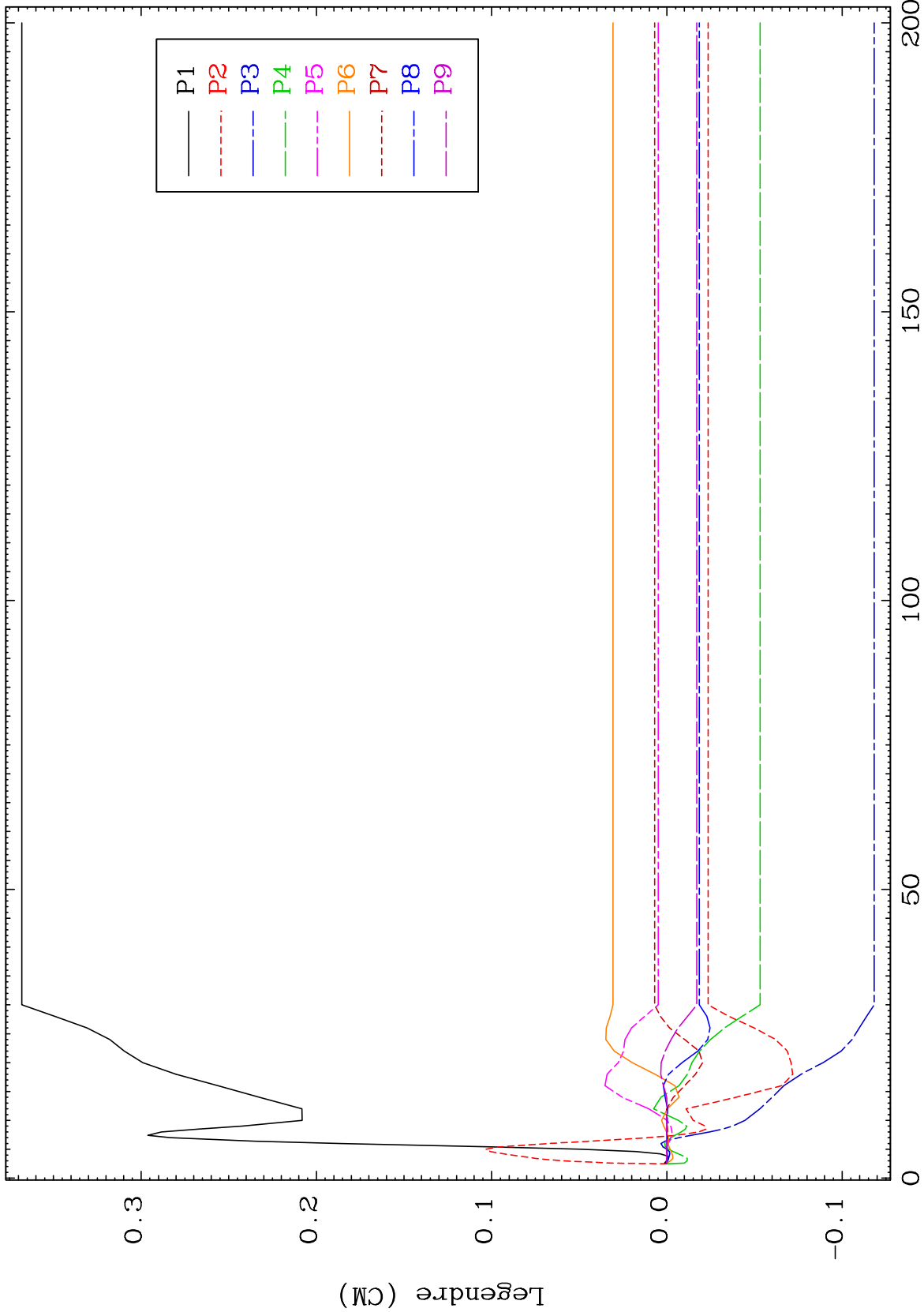


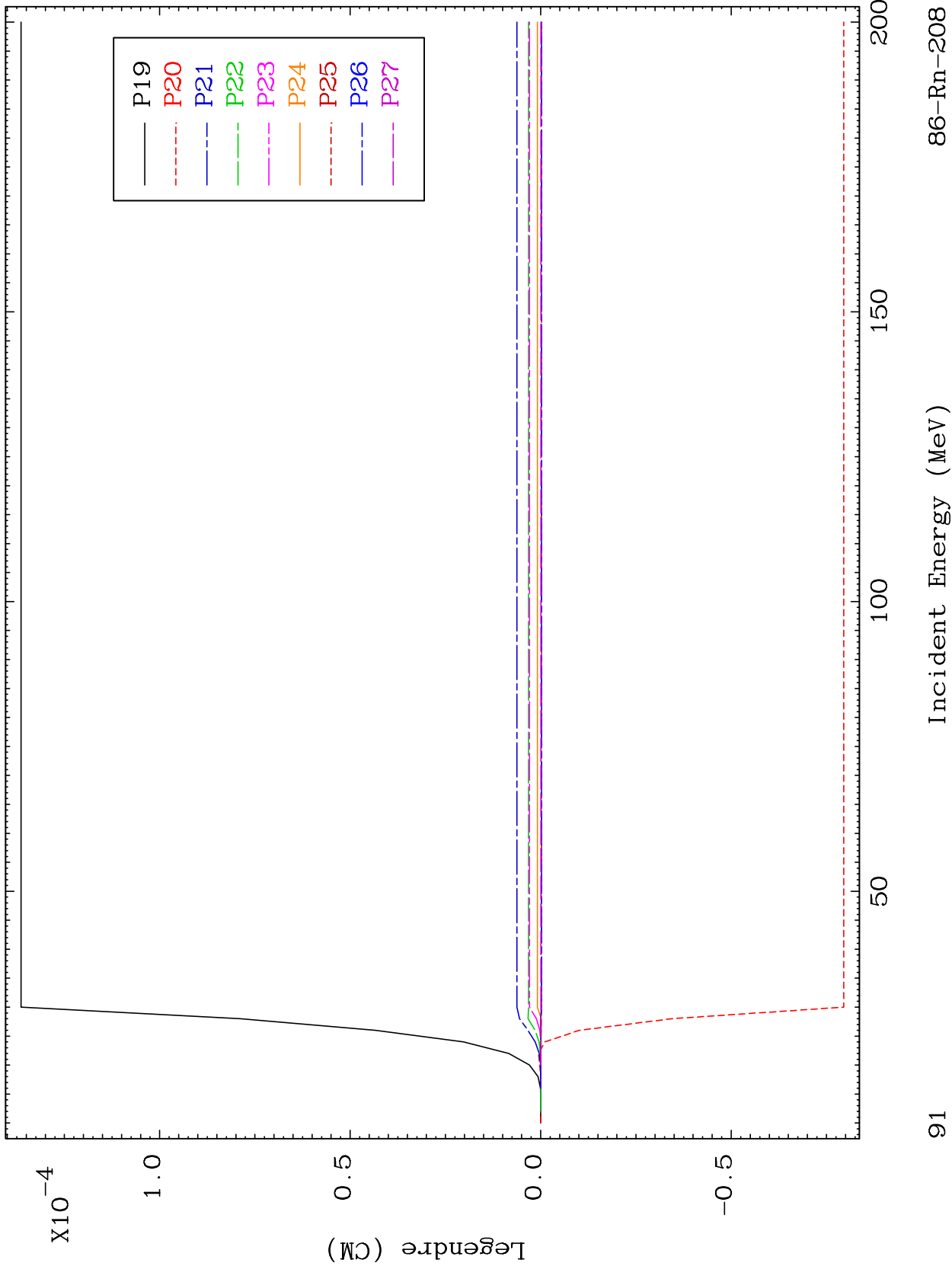


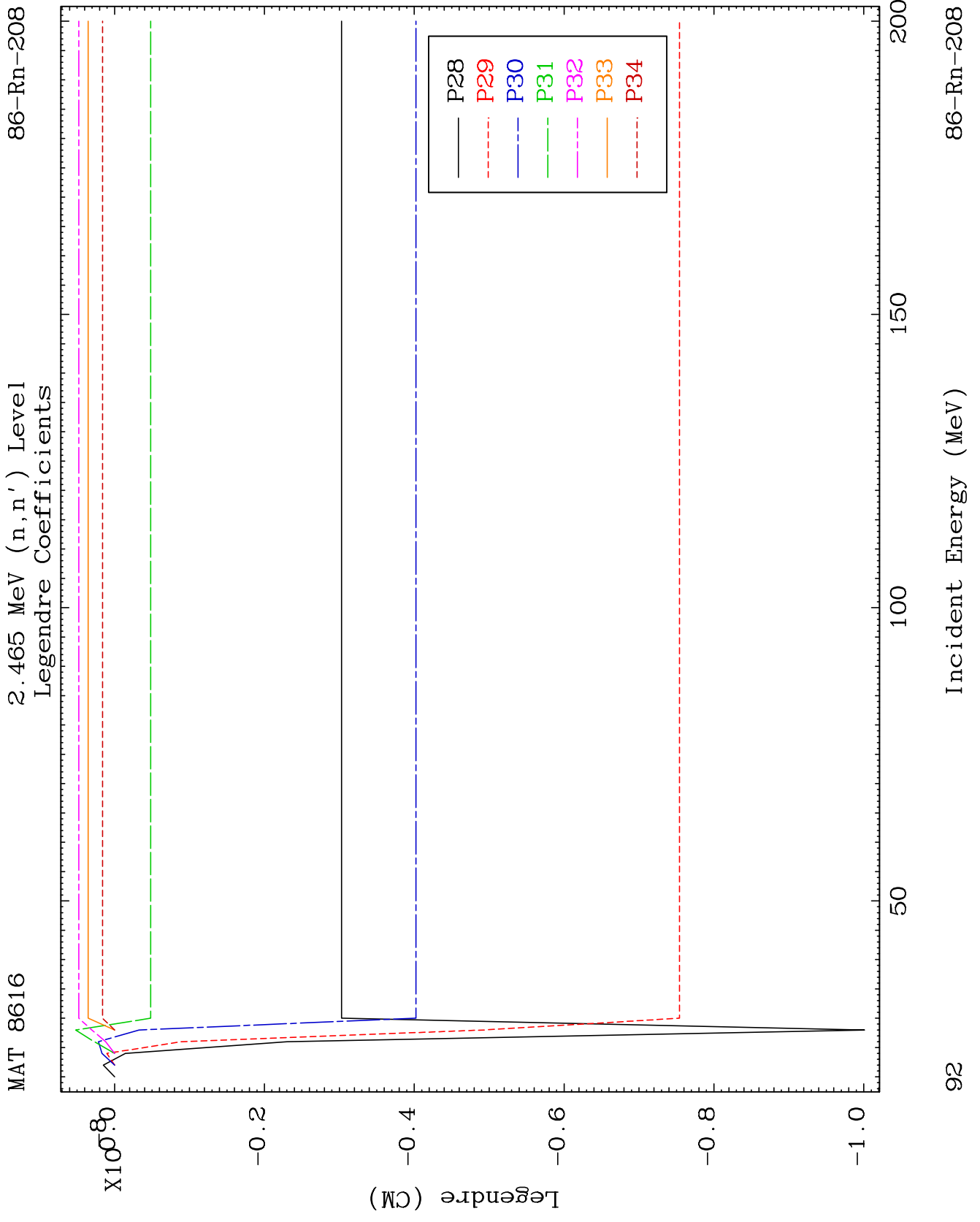








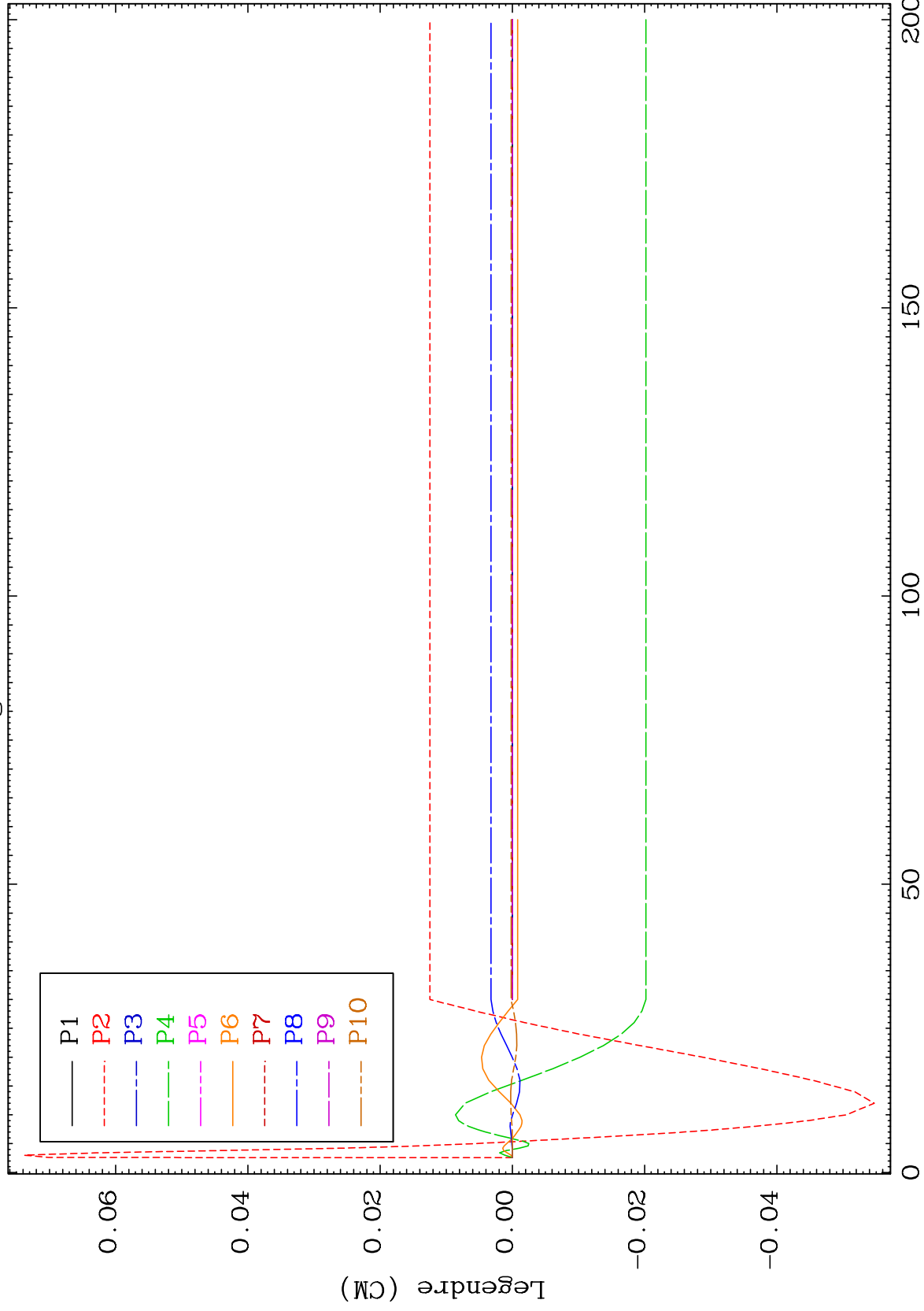




MAT 8616

2.546 MeV (n, n') Level
Legendre Coefficients

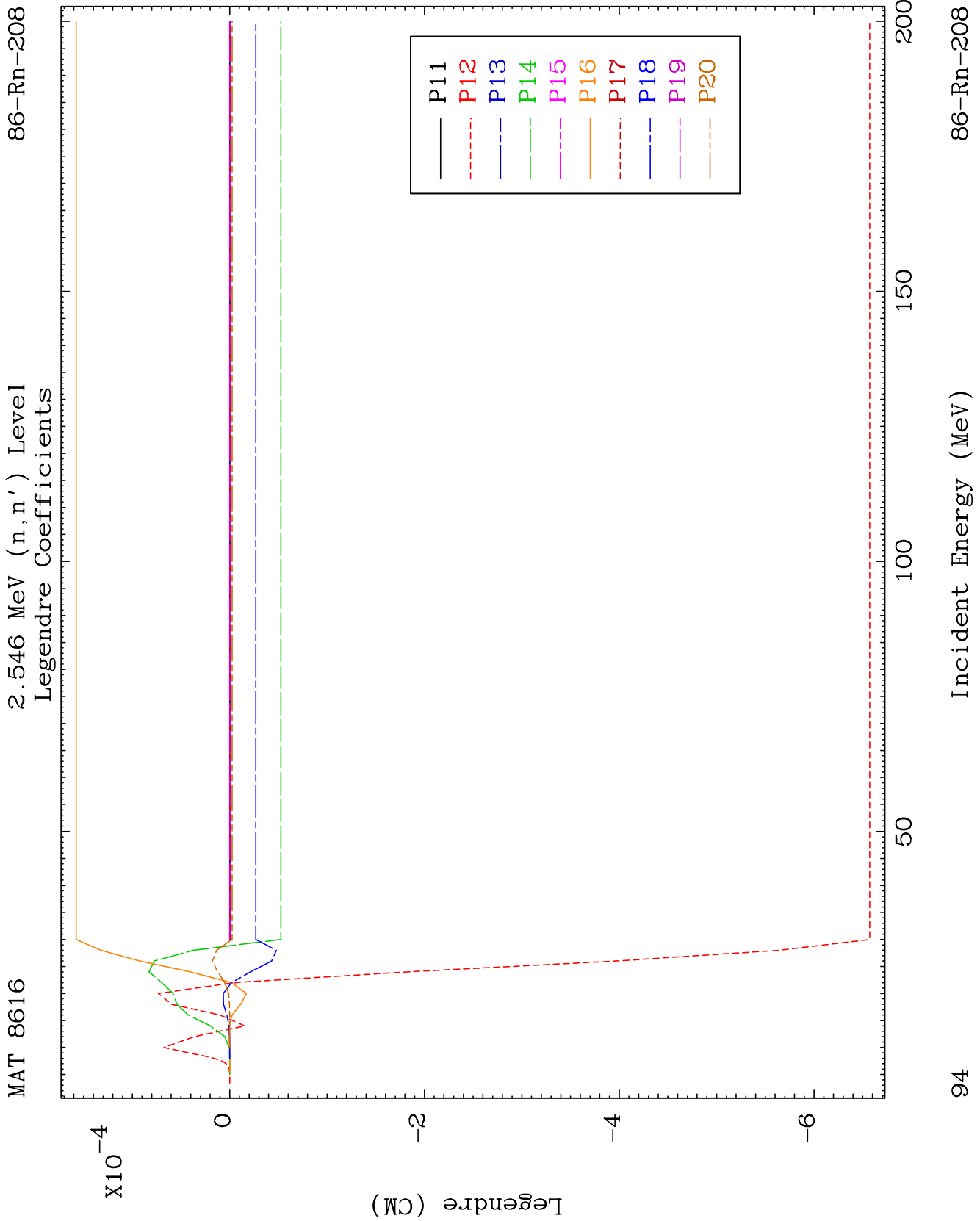
86-Rn-208

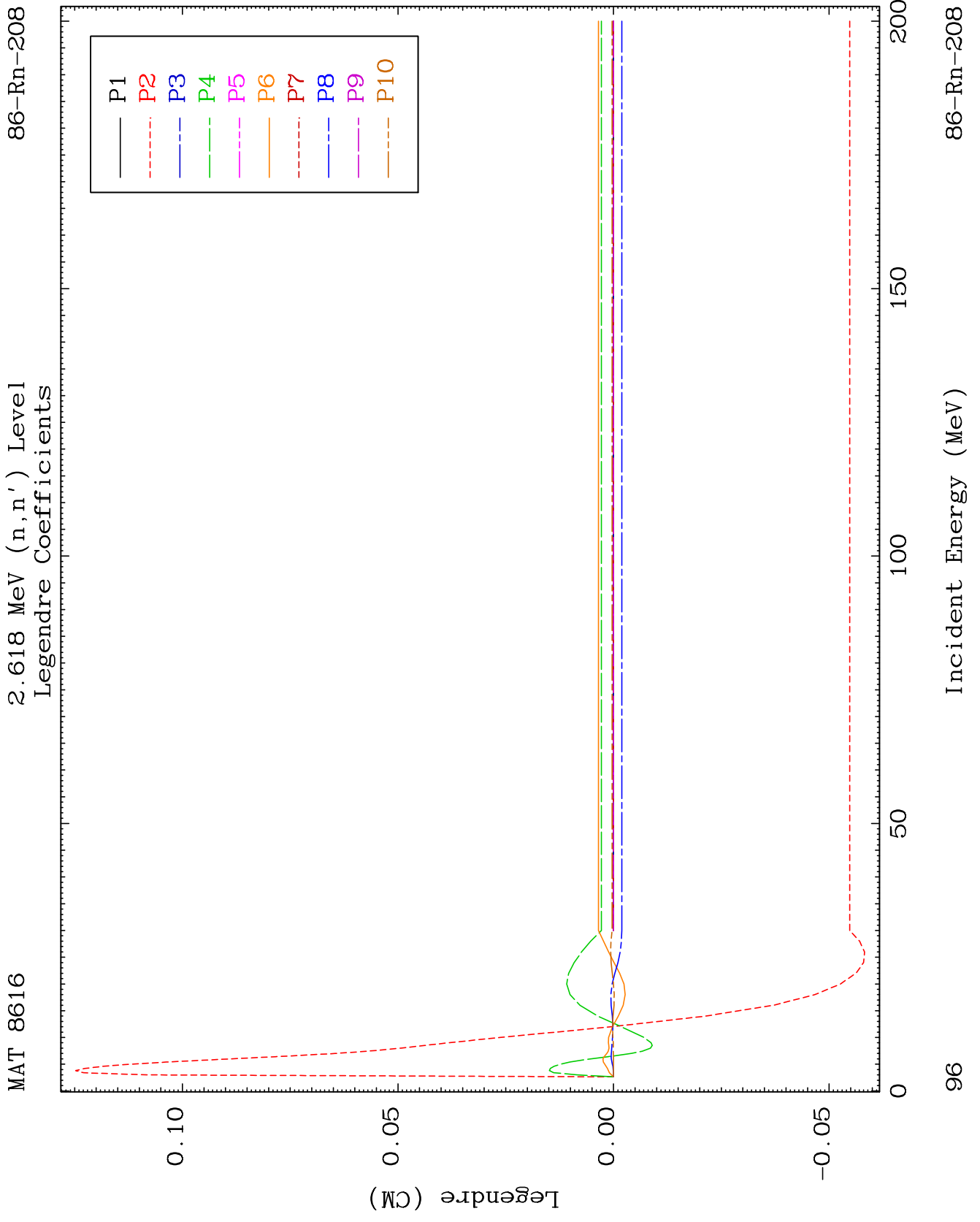


93

Incident Energy (MeV)

86-Rn-208

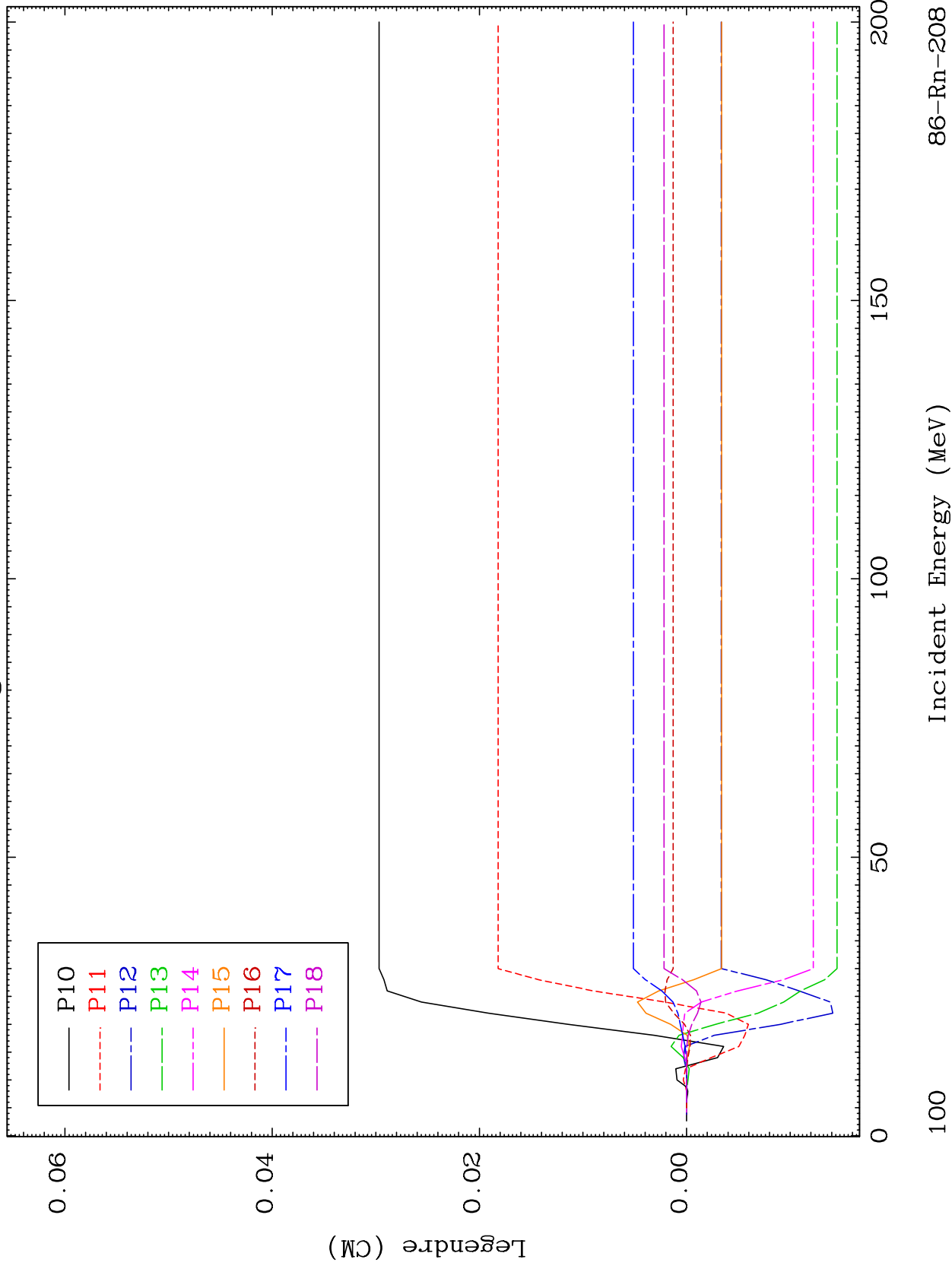




MAT 8616

2.620 MeV (n,n') Level
Legendre Coefficients

86-Rn-208



86-Rn-208

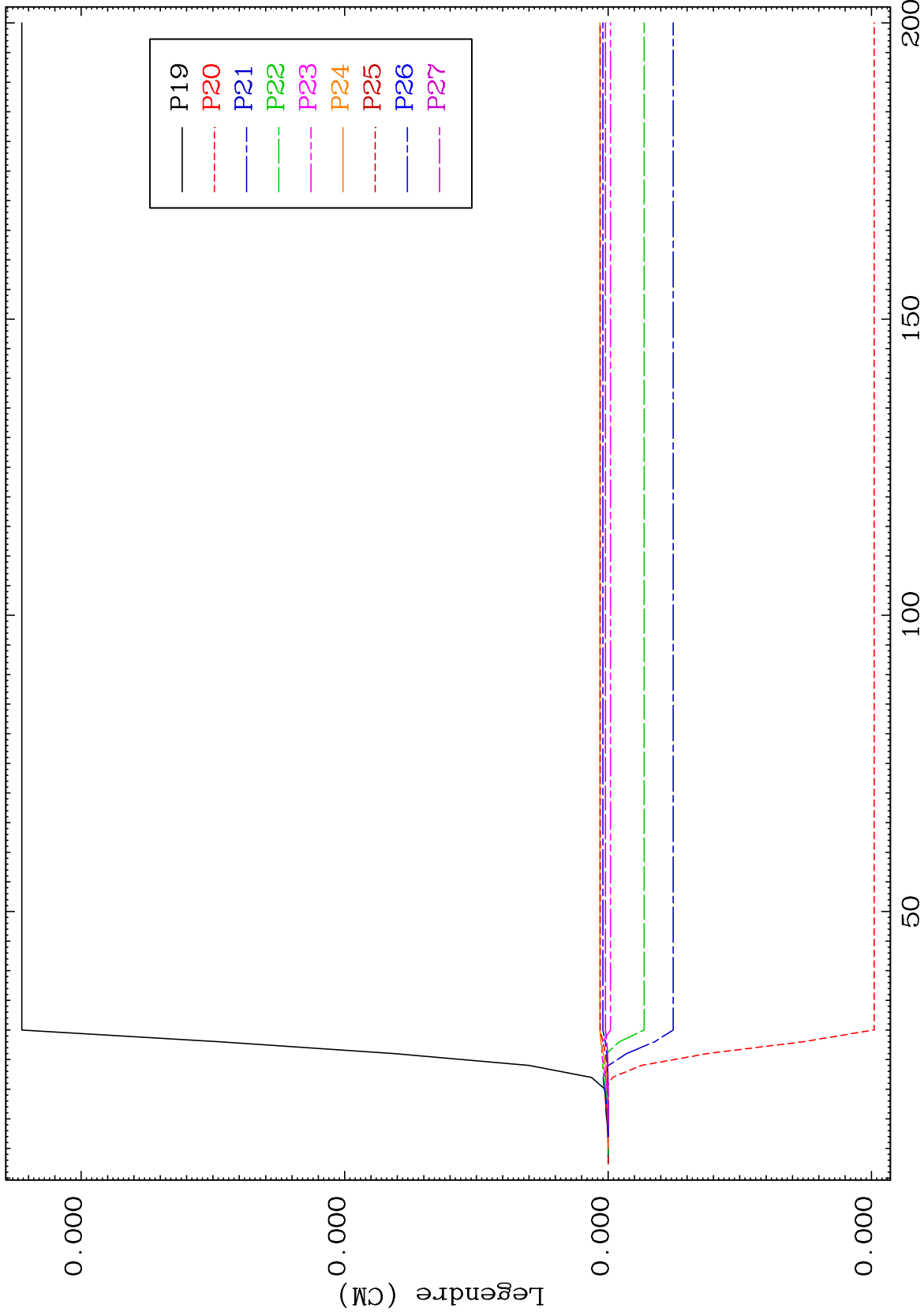
Incident Energy (MeV)

100

MAT 8616

2.620 MeV (n,n') Level
Legendre Coefficients

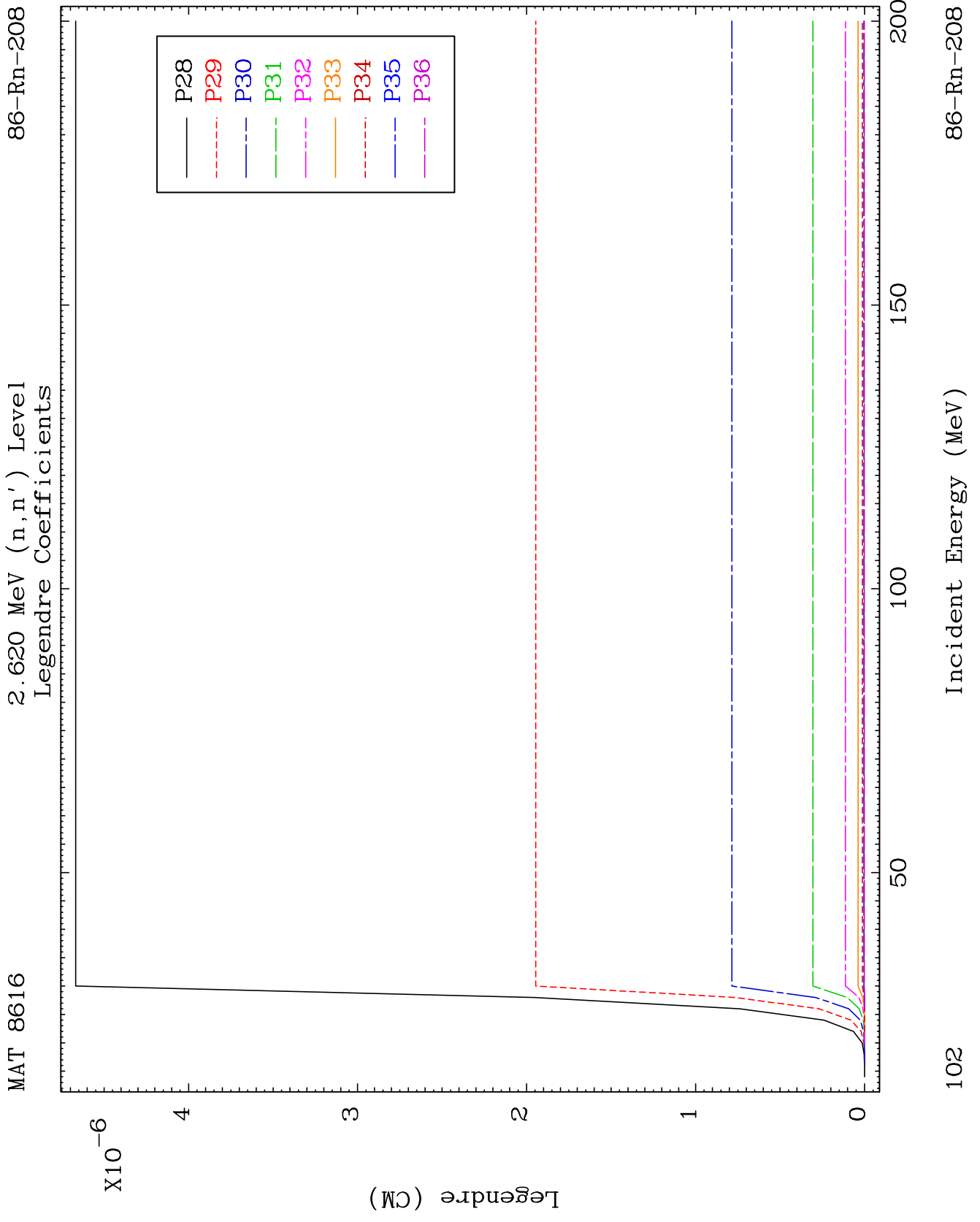
86-Rn-208



101

Incident Energy (MeV)

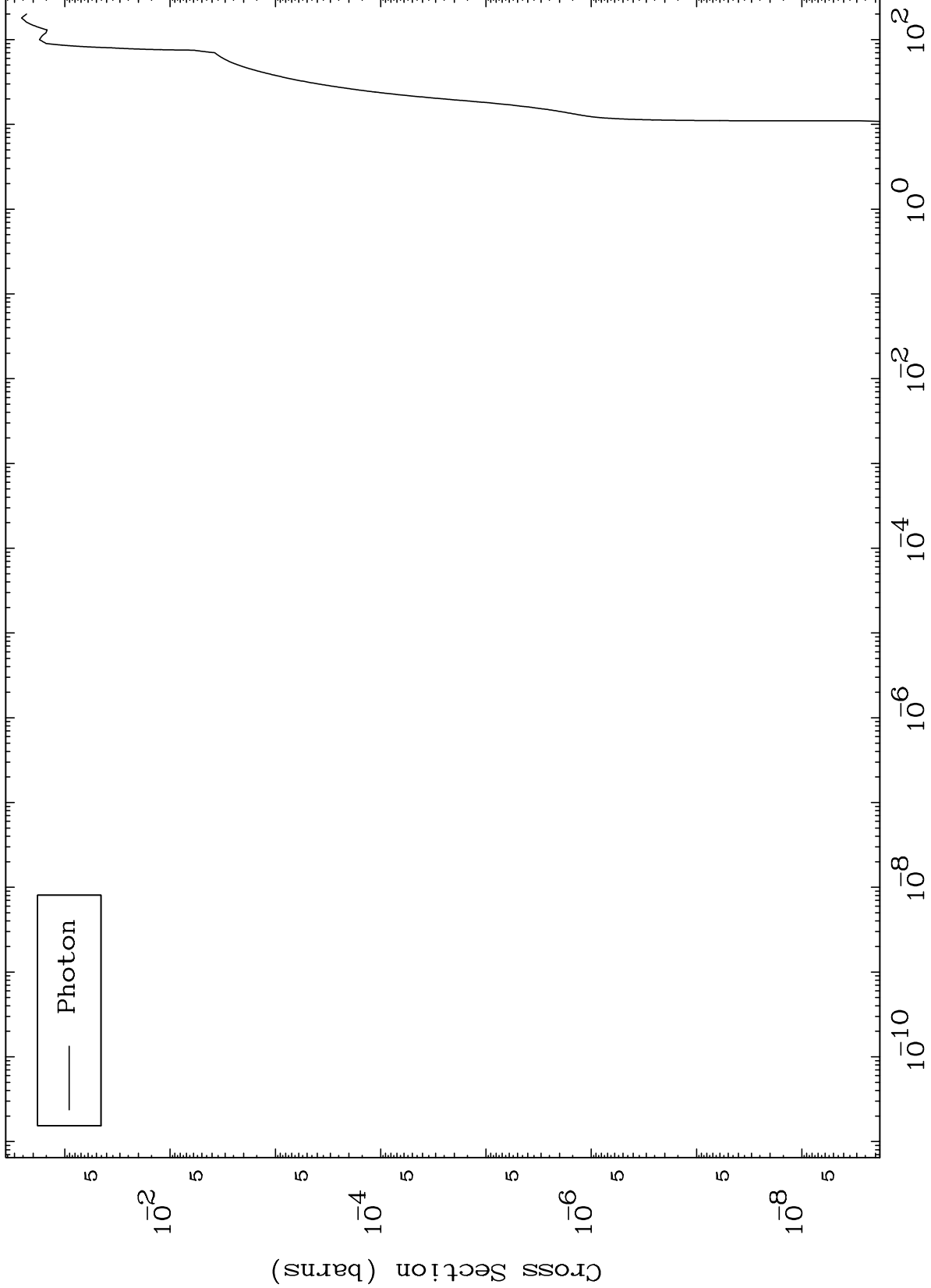
86-Rn-208



MAT 8616

Fission
Radionuclide Production Cross Section

86-Rn-208



103

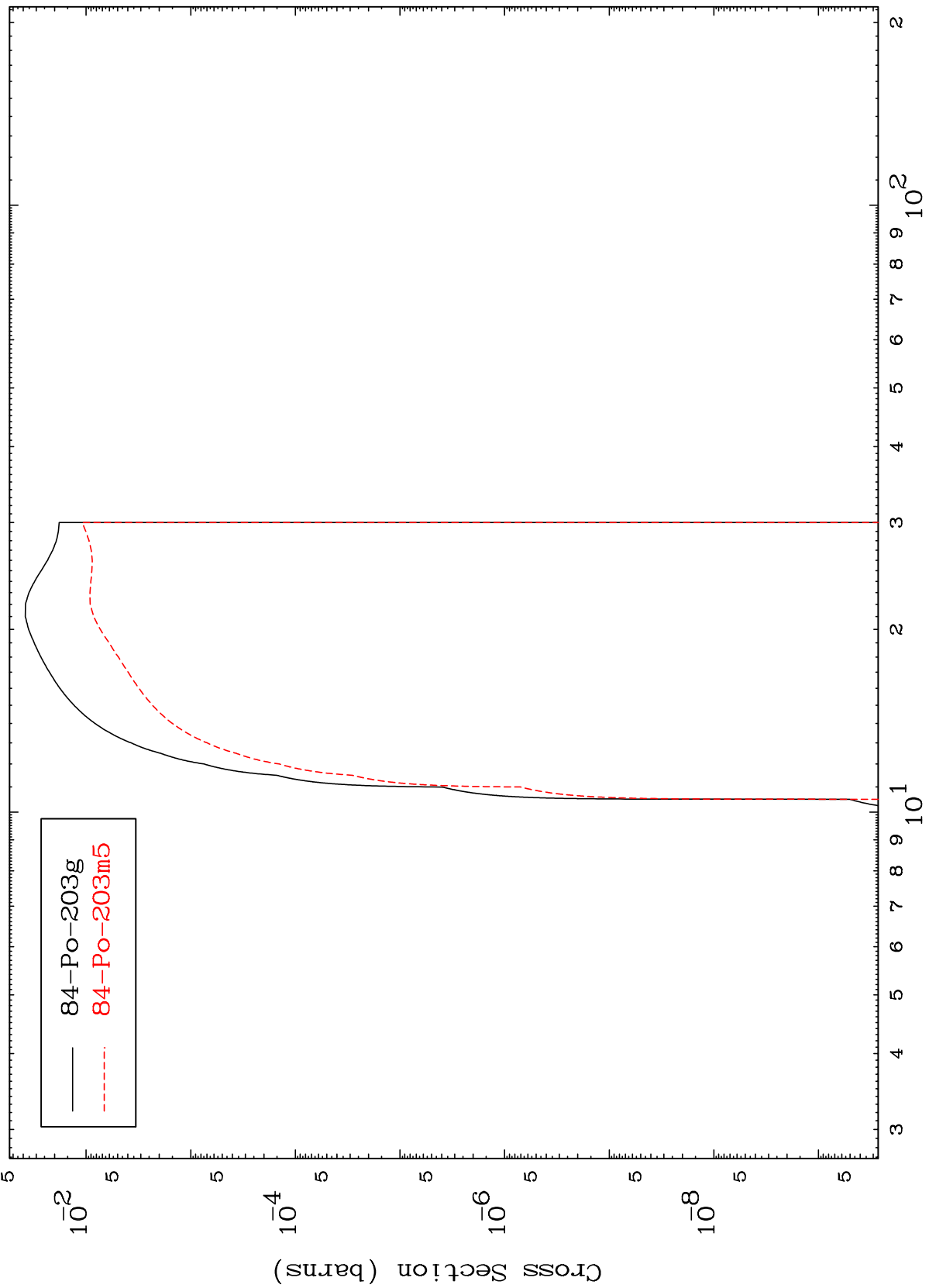
86-Rn-208

MAT 8616

(n,2n) α

86-Rn-208

Radionuclide Production Cross Section



104

Incident Energy (MeV)

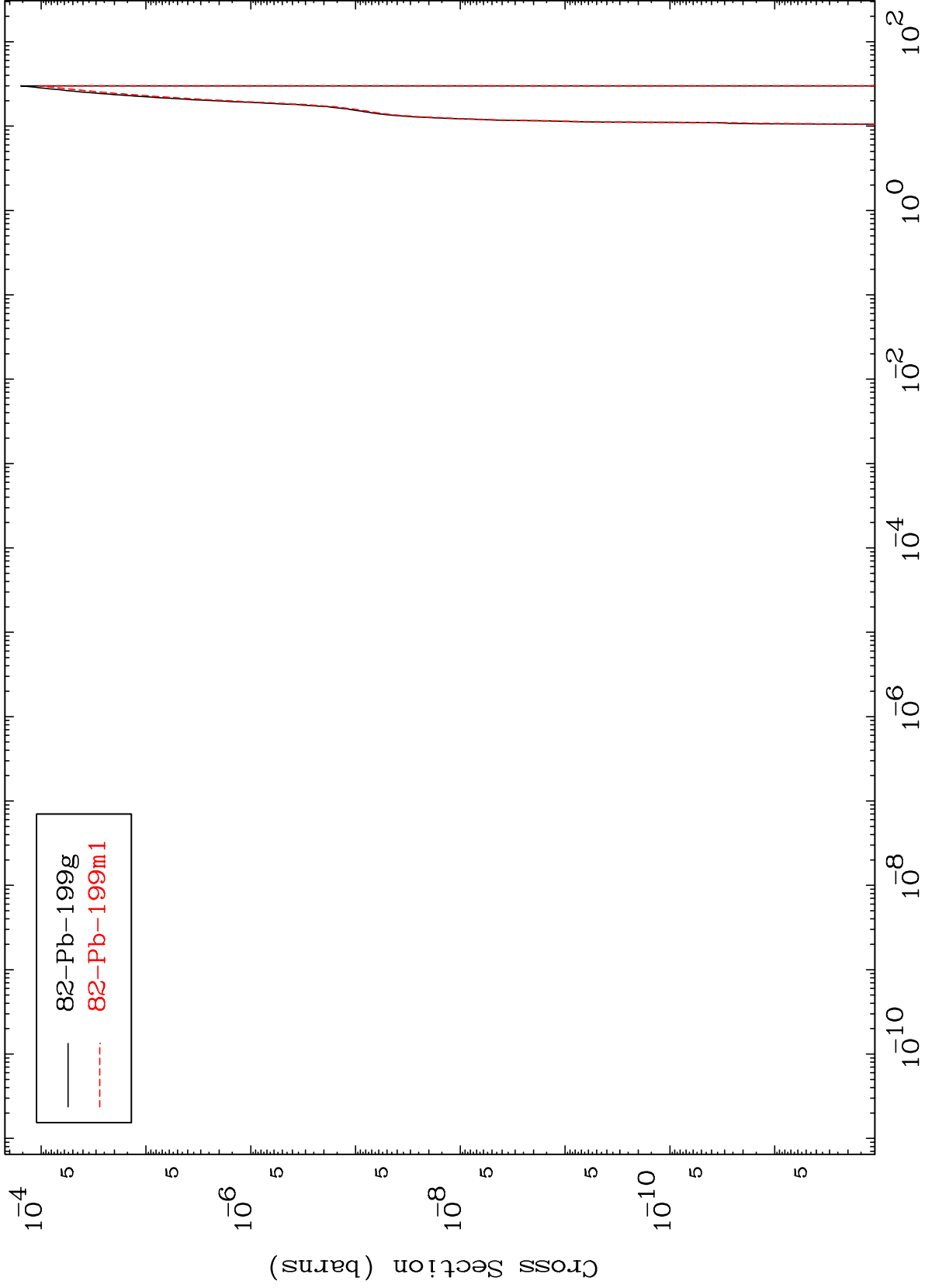
86-Rn-208

MAT 8616

(n,2n) 2 α

86-Rn-208

Radionuclide Production Cross Section



105

Incident Energy (MeV)

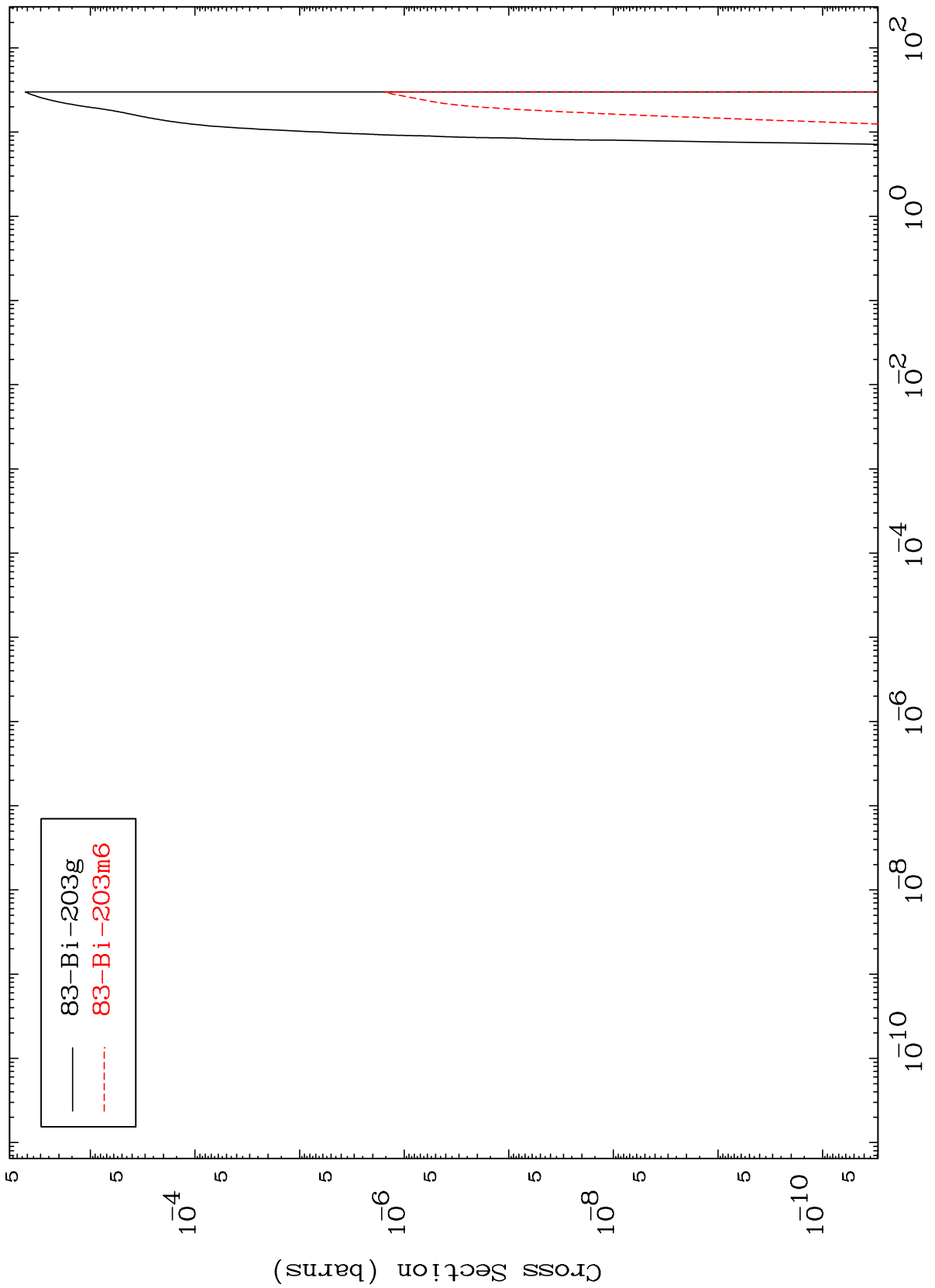
86-Rn-208

MAT 8616

(n,n') p α

86-Rn-208

Radionuclide Production Cross Section



106

Incident Energy (MeV)

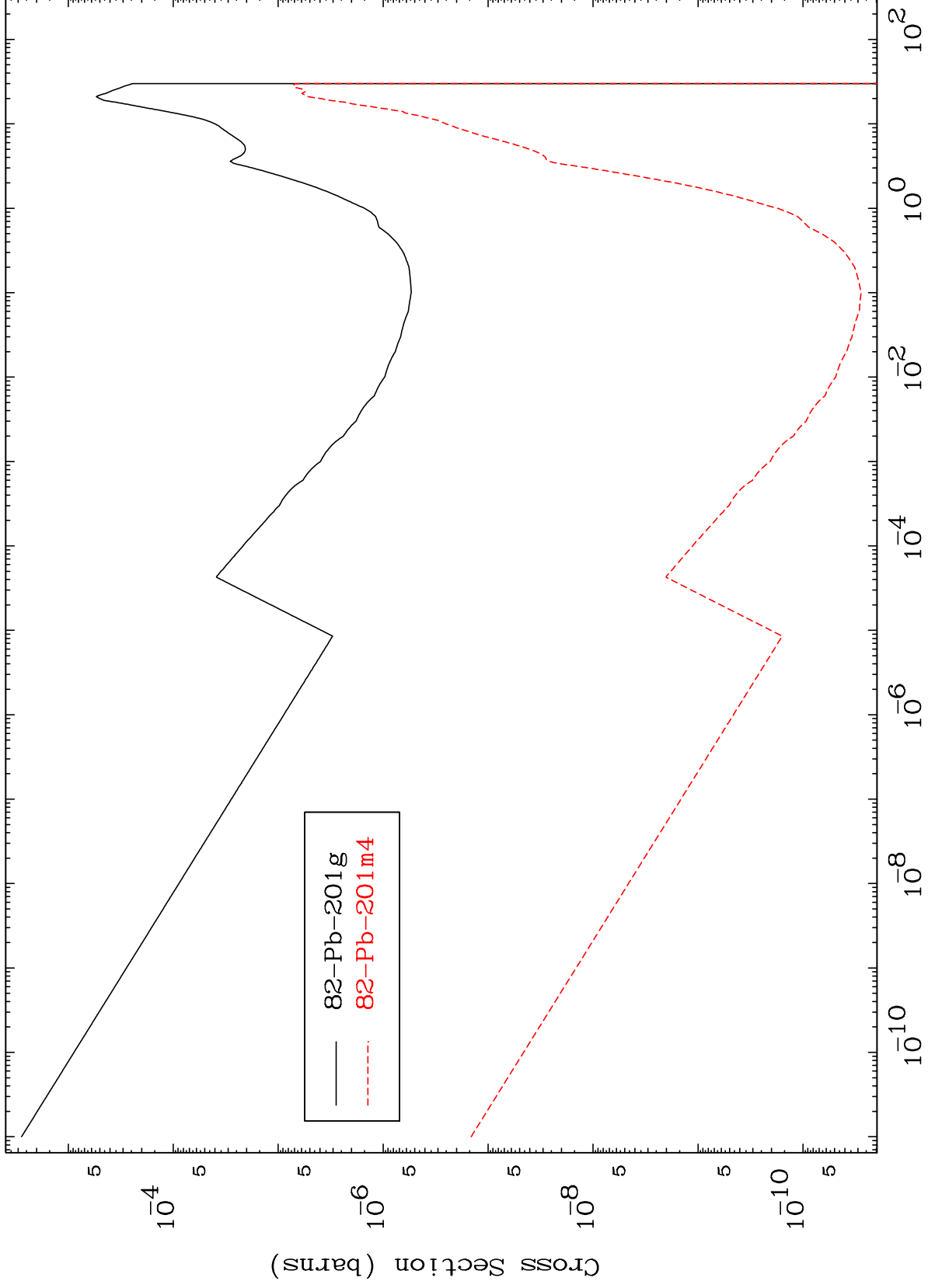
86-Rn-208

MAT 8616

(n,2α)

86-Rn-208

Radionuclide Production Cross Section



107

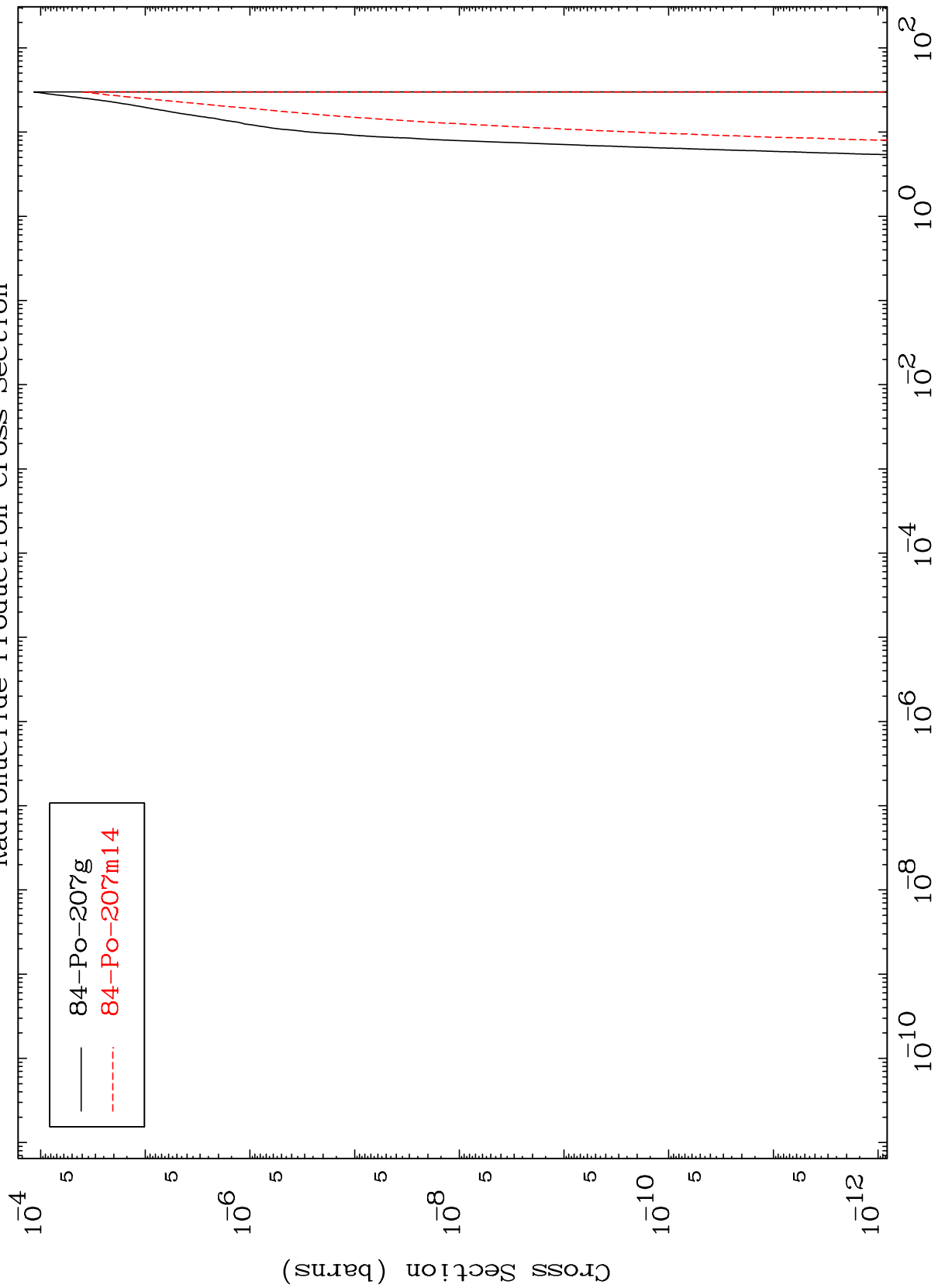
Incident Energy (MeV)

86-Rn-208

MAT 8616

86-Rn-208

(n,2p)
Radionuclide Production Cross Section



108

86-Rn-208

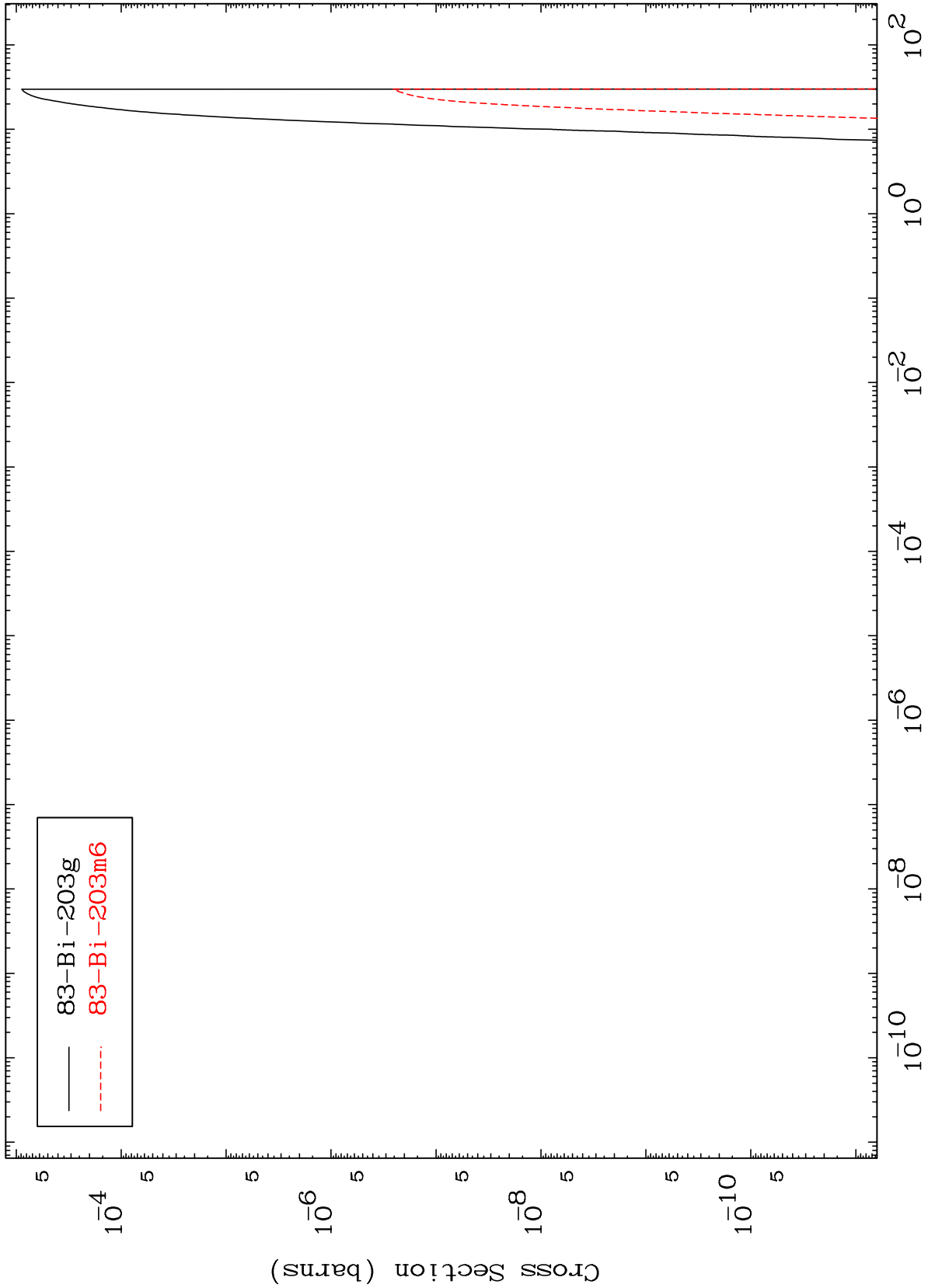
Incident Energy (MeV)

MAT 8616

(n,d) α

86-Rn-208

Radionuclide Production Cross Section



109

Incident Energy (MeV)

86-Rn-208