

Program EVALPLOT
(Version 2015-2)

by

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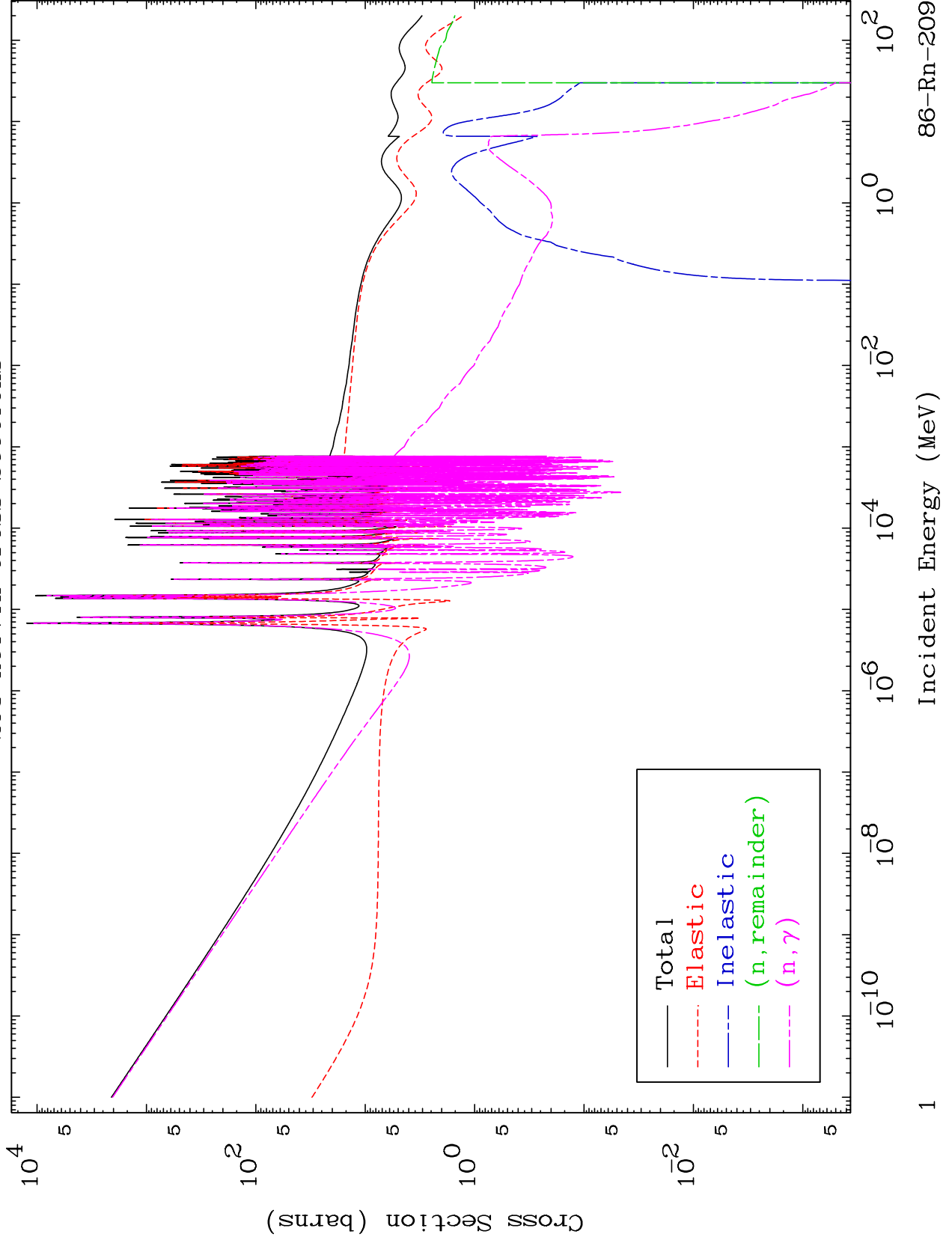
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8619

Major
293 Kelvin Cross Sections

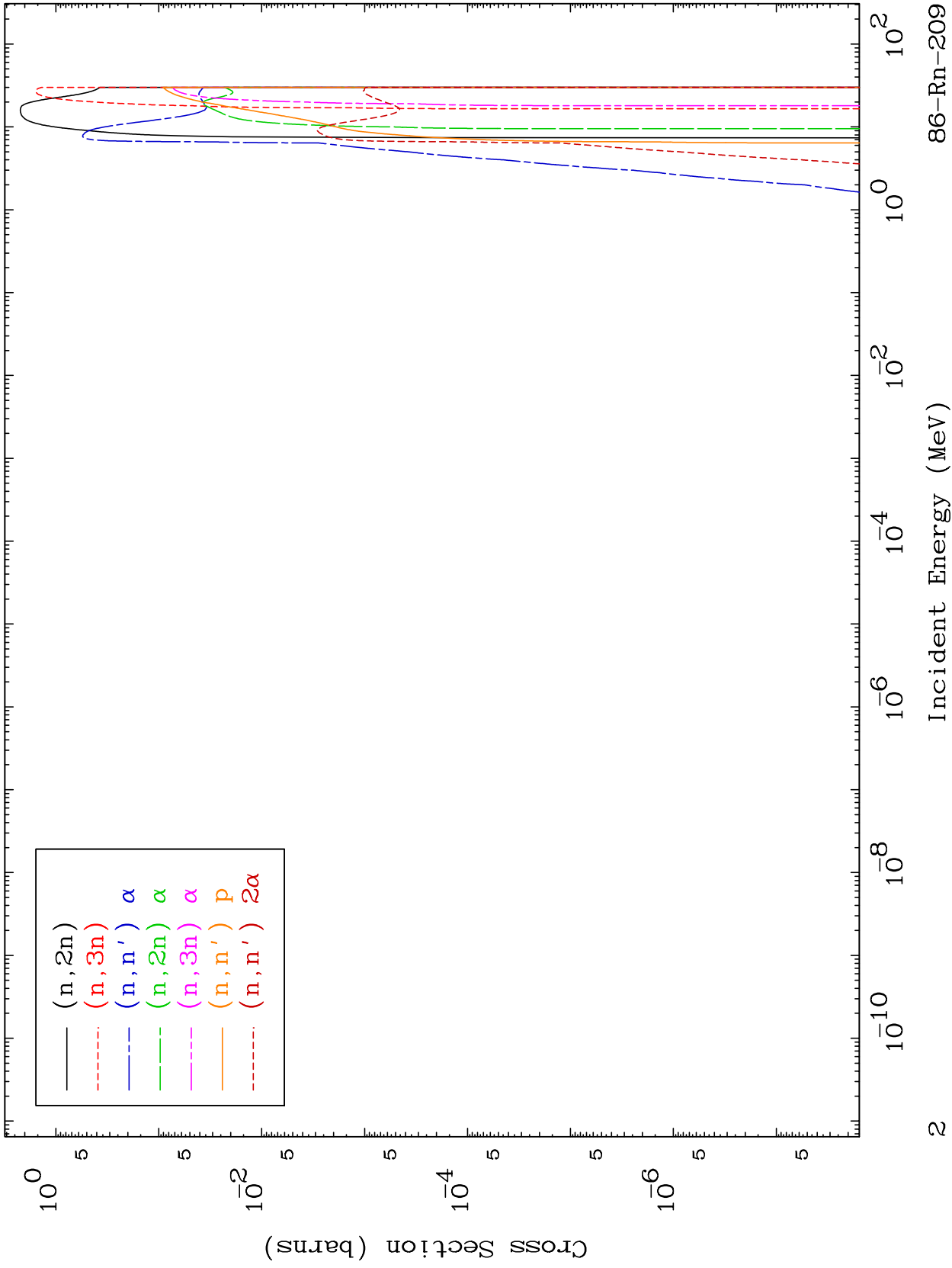
86-Rn-209



MAT 8619

Neutron Production
293 Kelvin Cross Sections

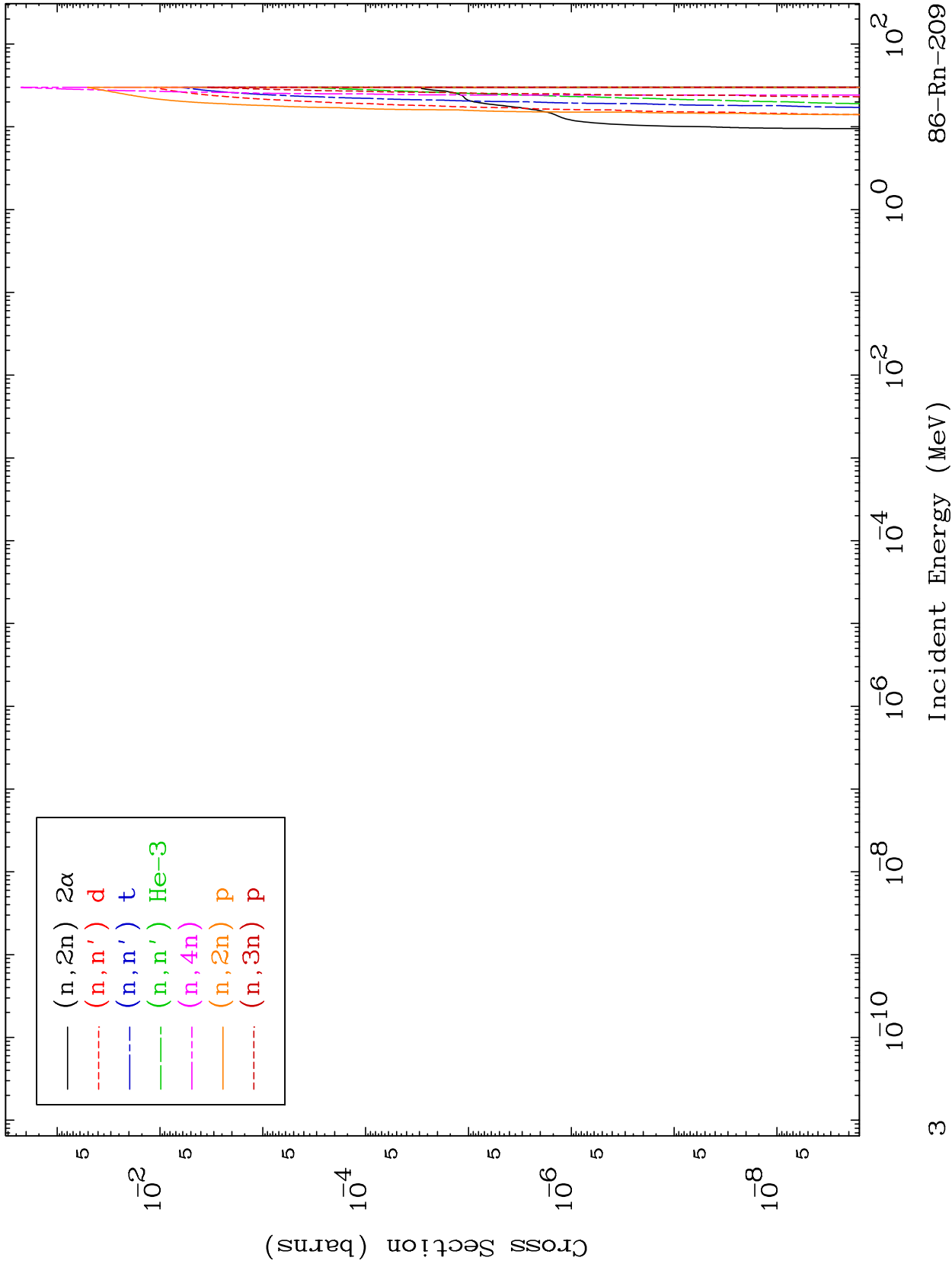
86-Rn-209



MAT 8619

Neutron Production
293 Kelvin Cross Sections

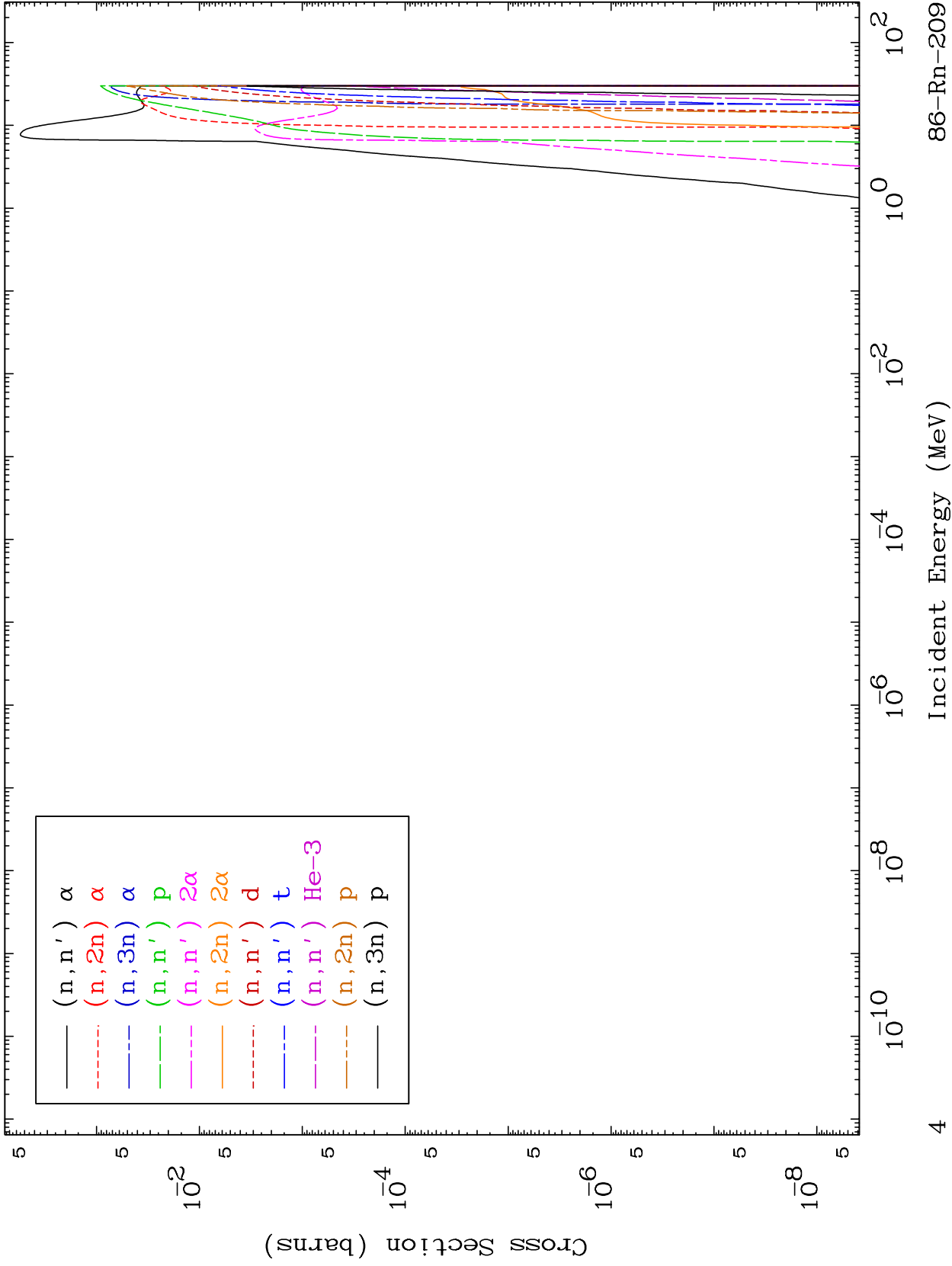
86-Rn-209



MAT 8619

Charged Particle
293 Kelvin Cross Sections

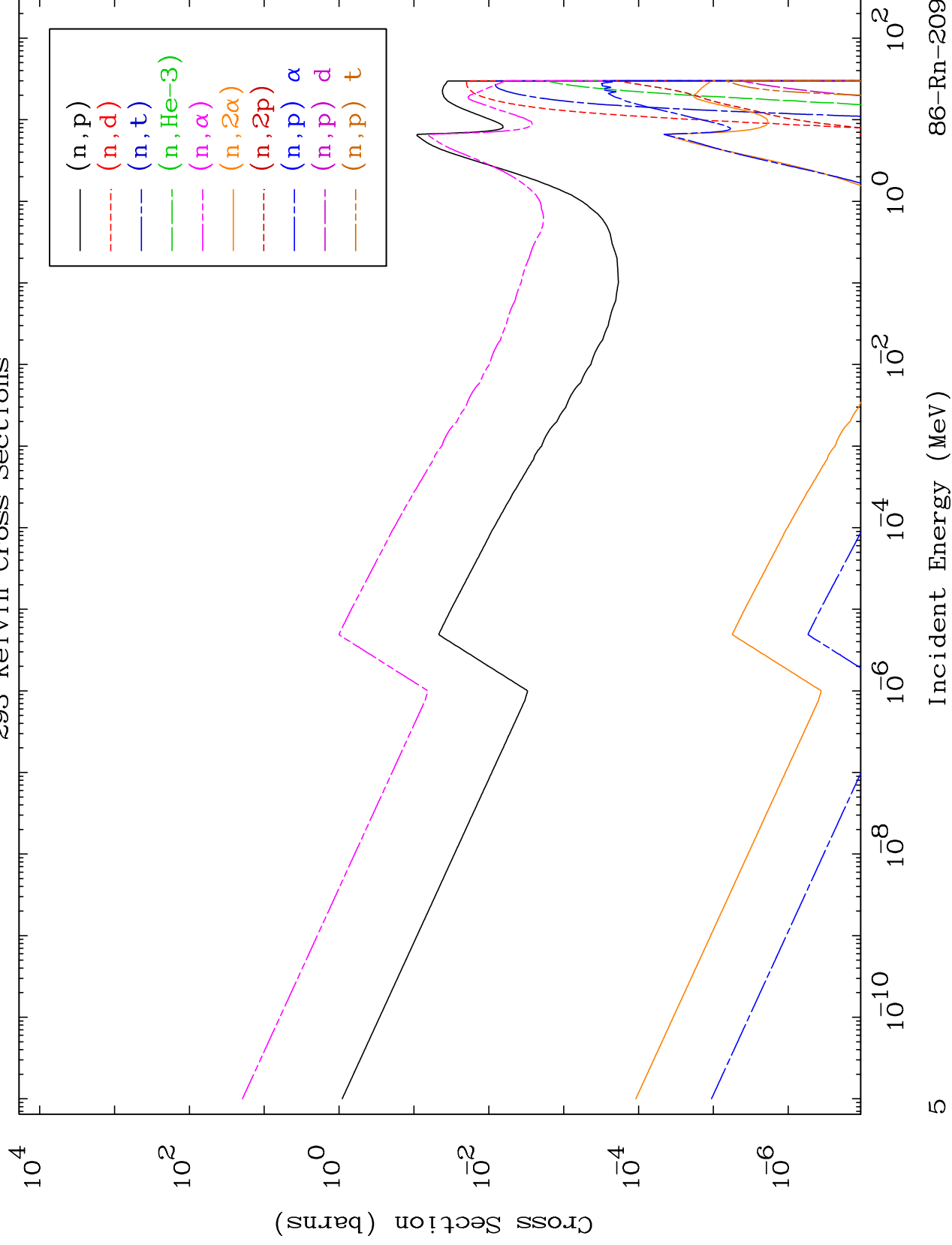
86-Rn-209



MAT 8619

Charged Particle
293 Kelvin Cross Sections

86-Rn-209



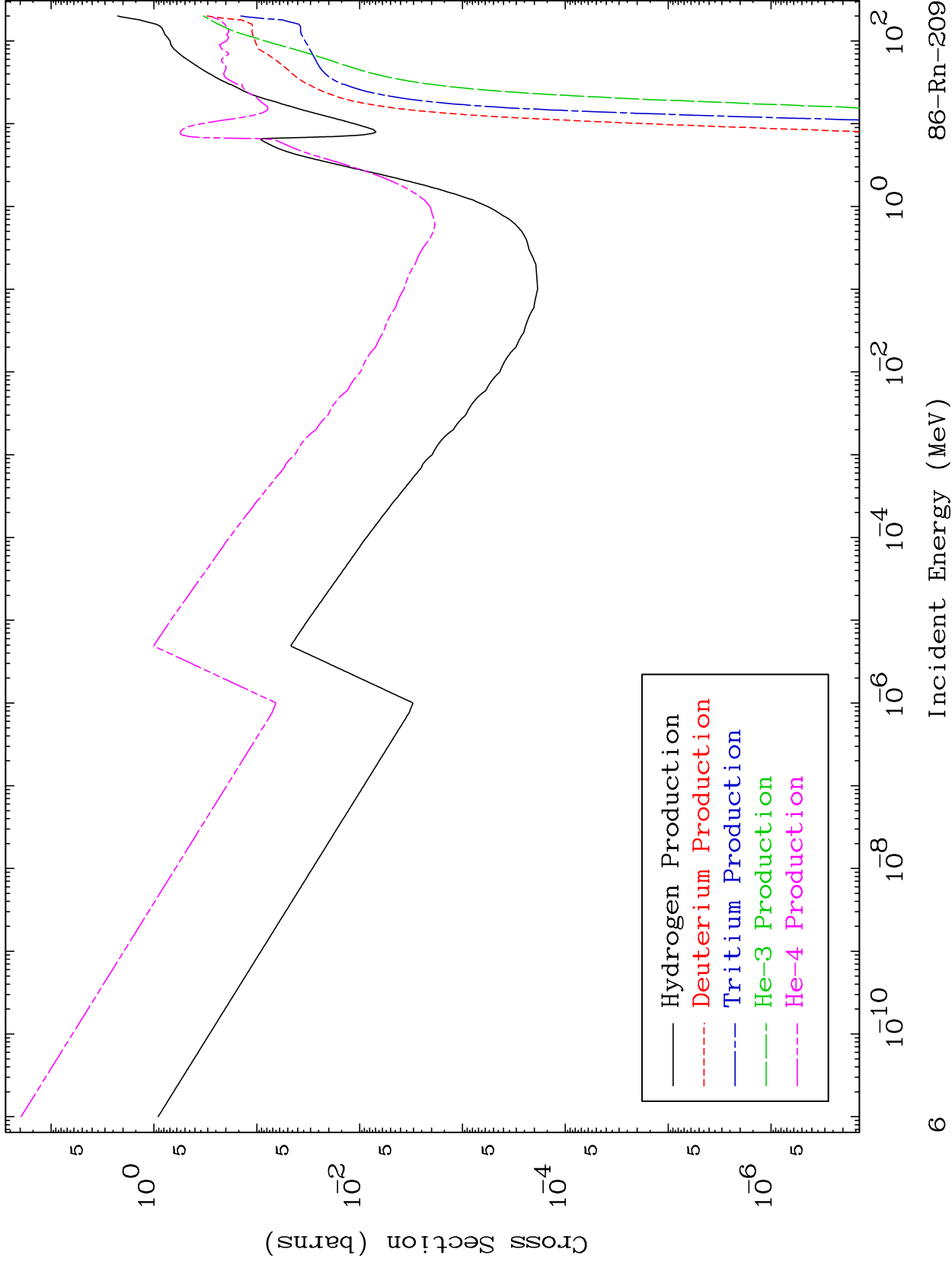
5

86-Rn-209

MAT 8619

Particle Production
293 Kelvin Cross Sections

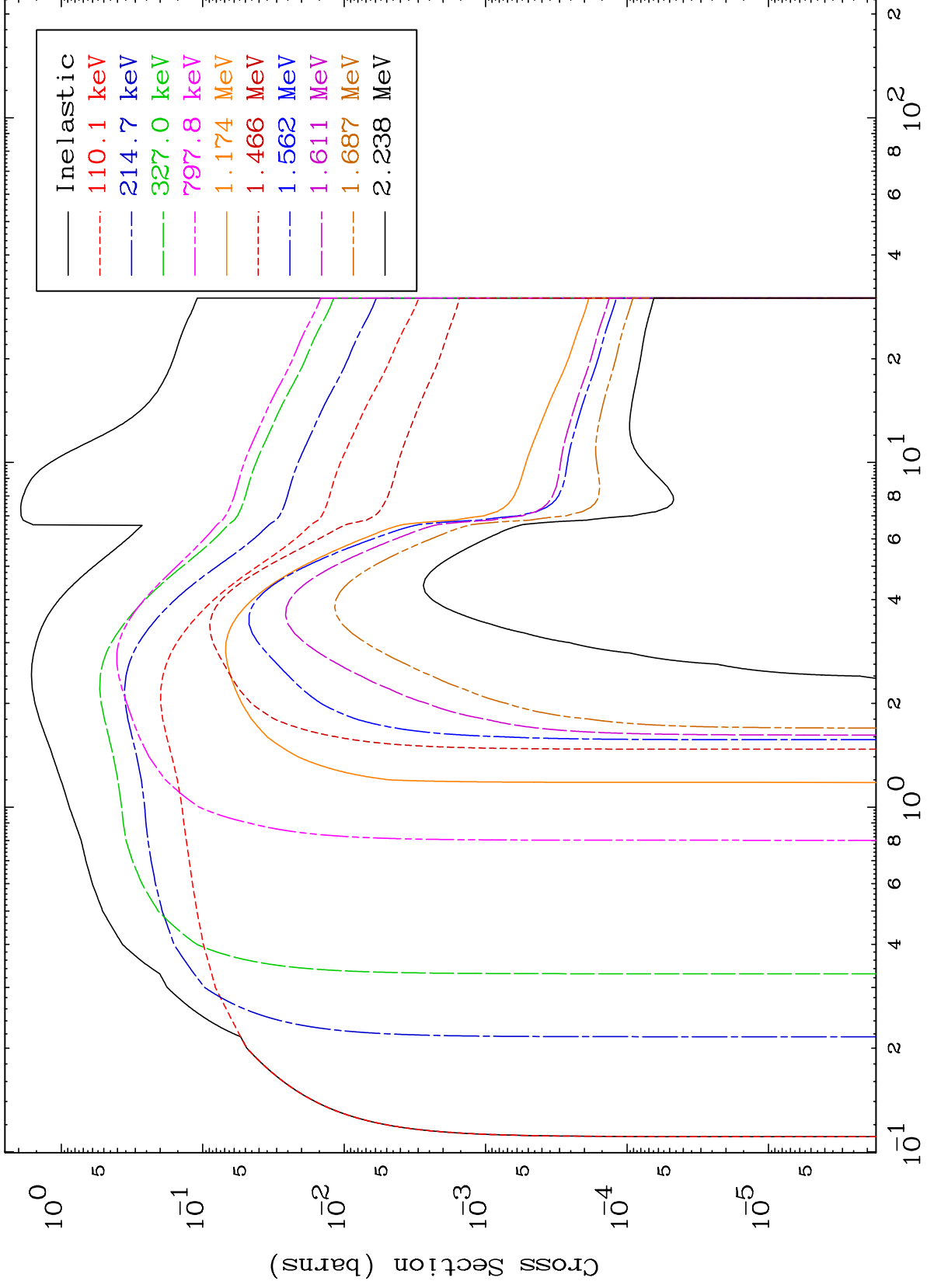
86-Rn-209



MAT 8619

(n,n') Level
293 Kelvin Cross Sections

86-Rn-209

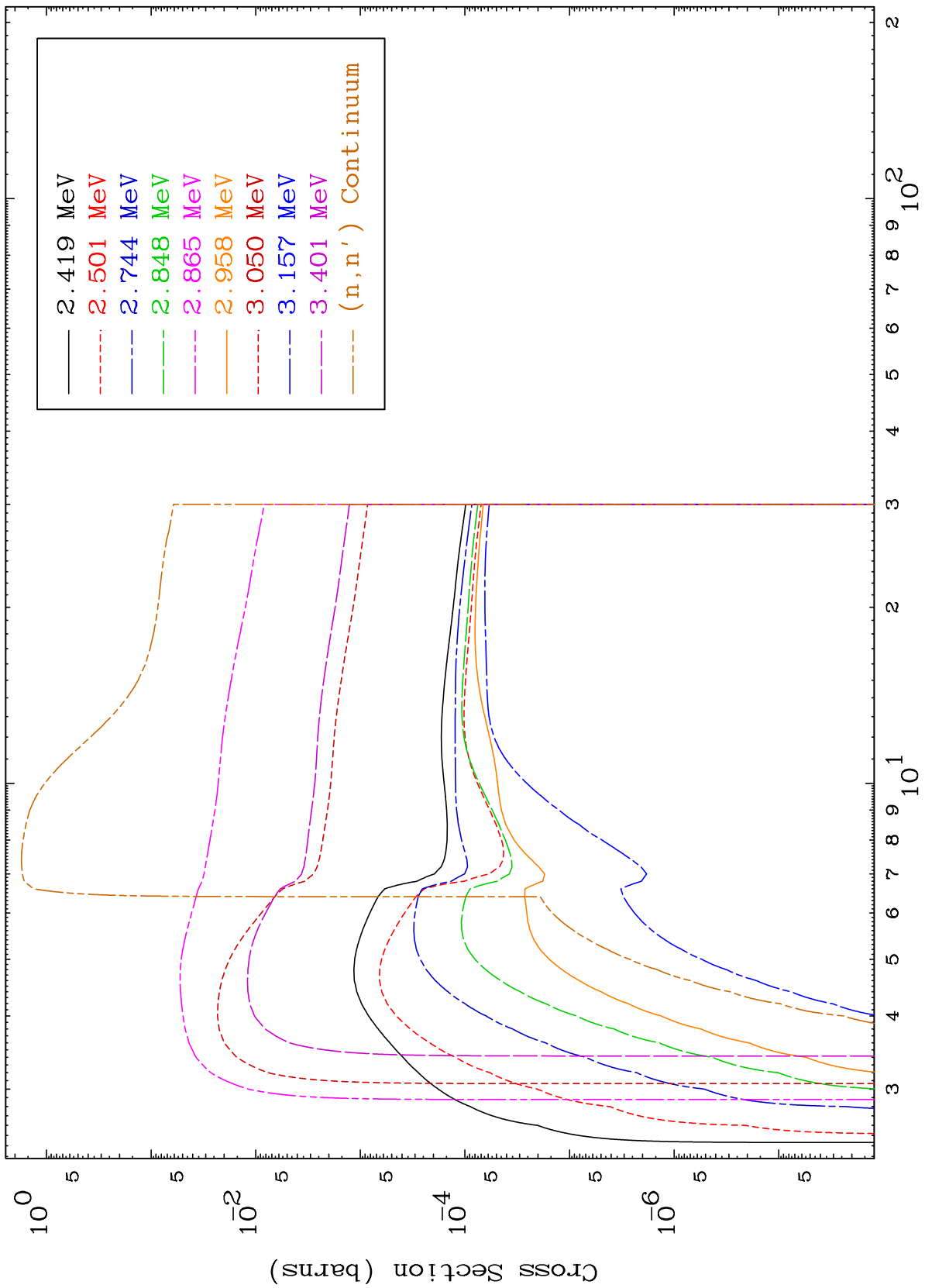


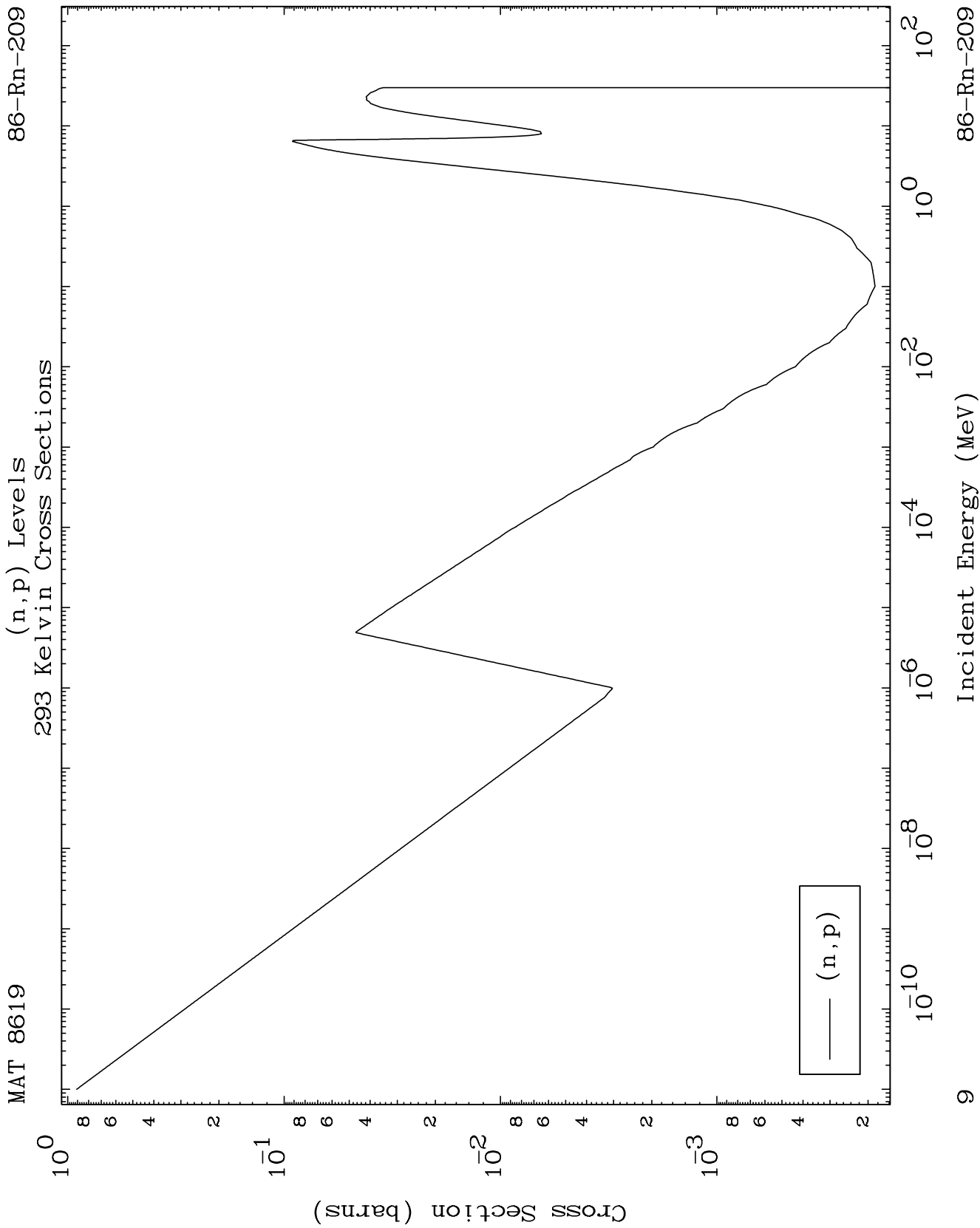
Incident Energy (MeV)

86-Rn-209

7

293 Kelvin Cross Sections

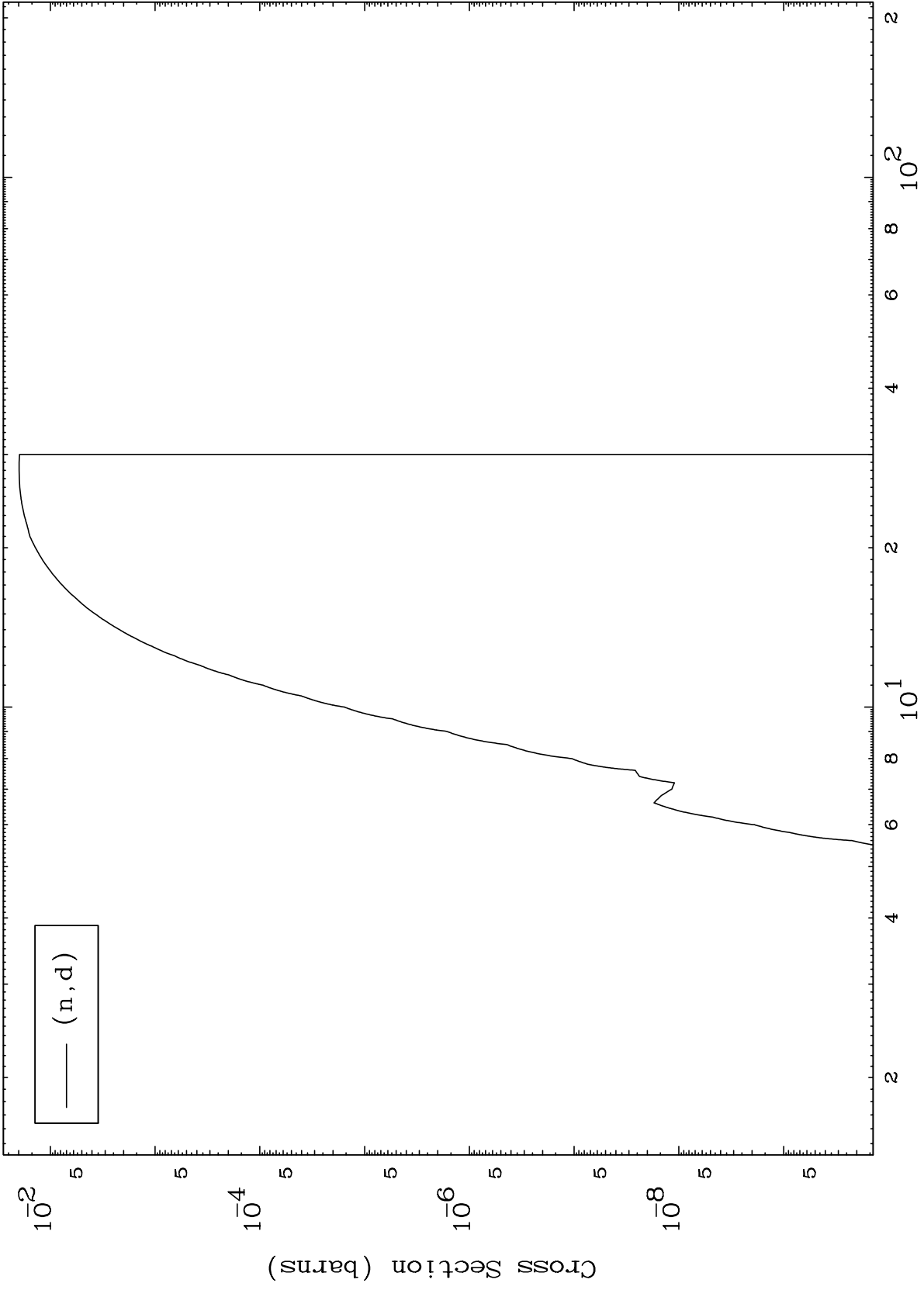




MAT 8619

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-209



10

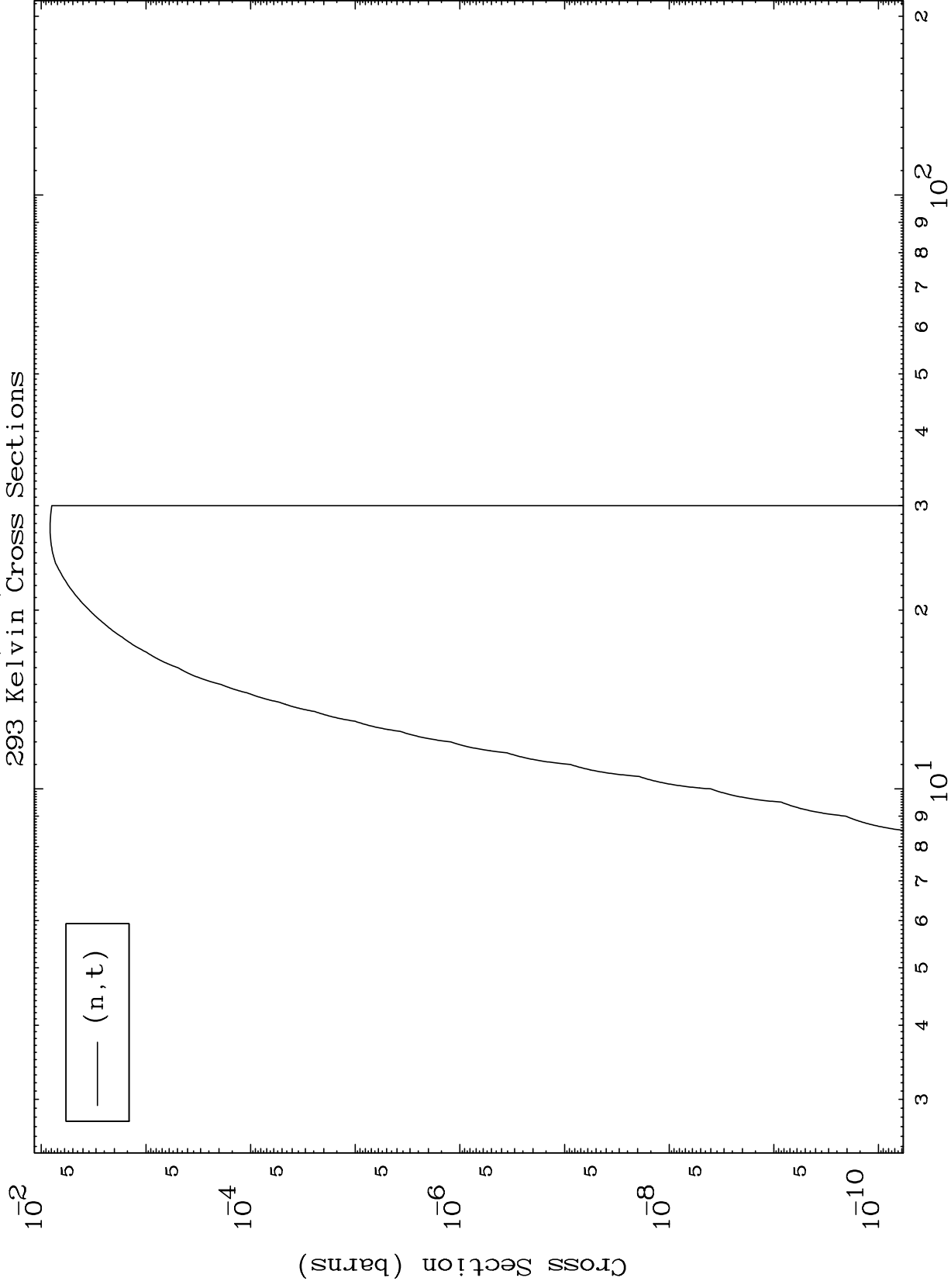
Incident Energy (MeV)

86-Rn-209

MAT 8619

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-209



(n,t)

11

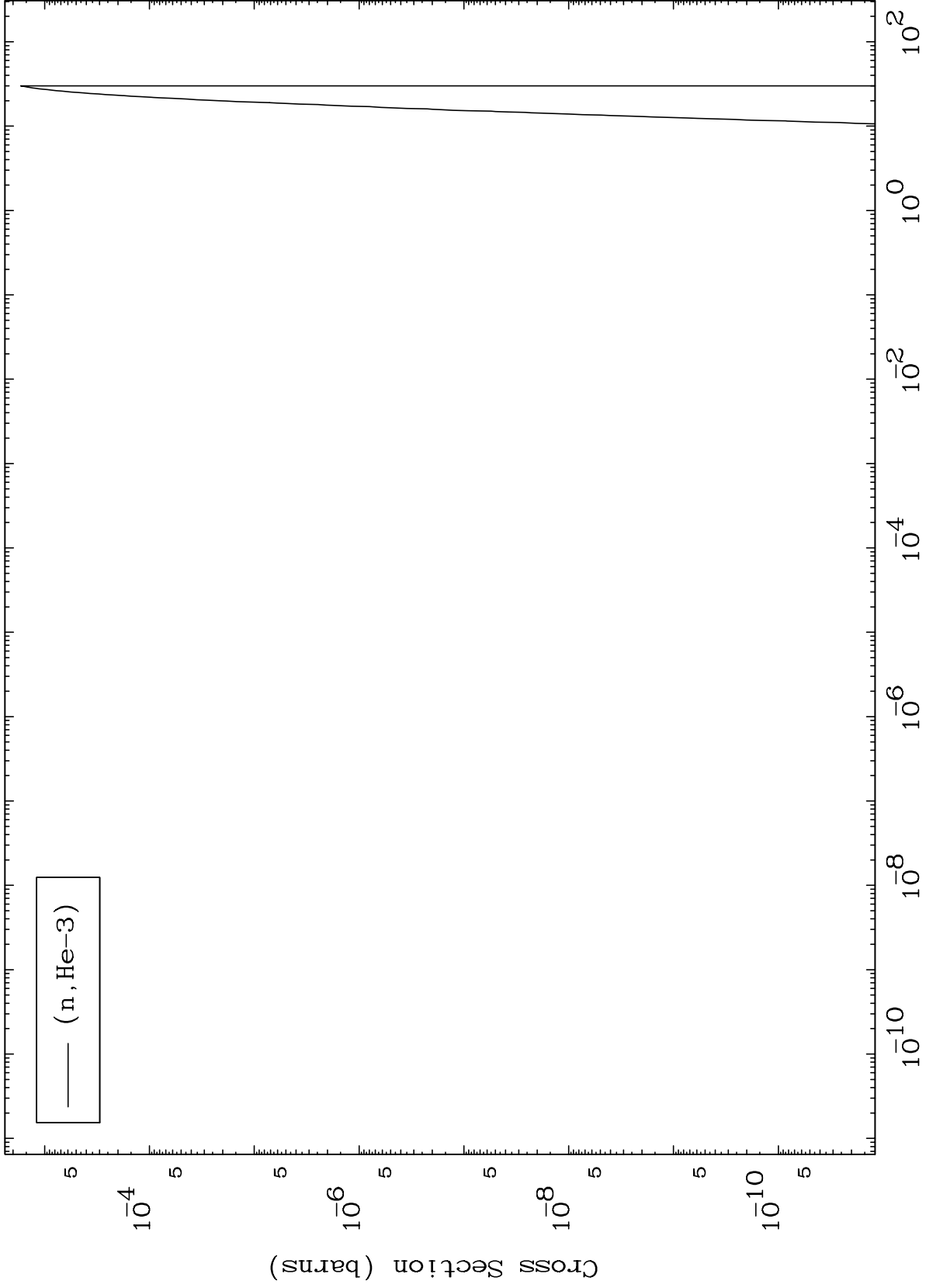
Incident Energy (MeV)

86-Rn-209

MAT 8619

(n,He3) Levels
293 Kelvin Cross Sections

86-Rn-209



12

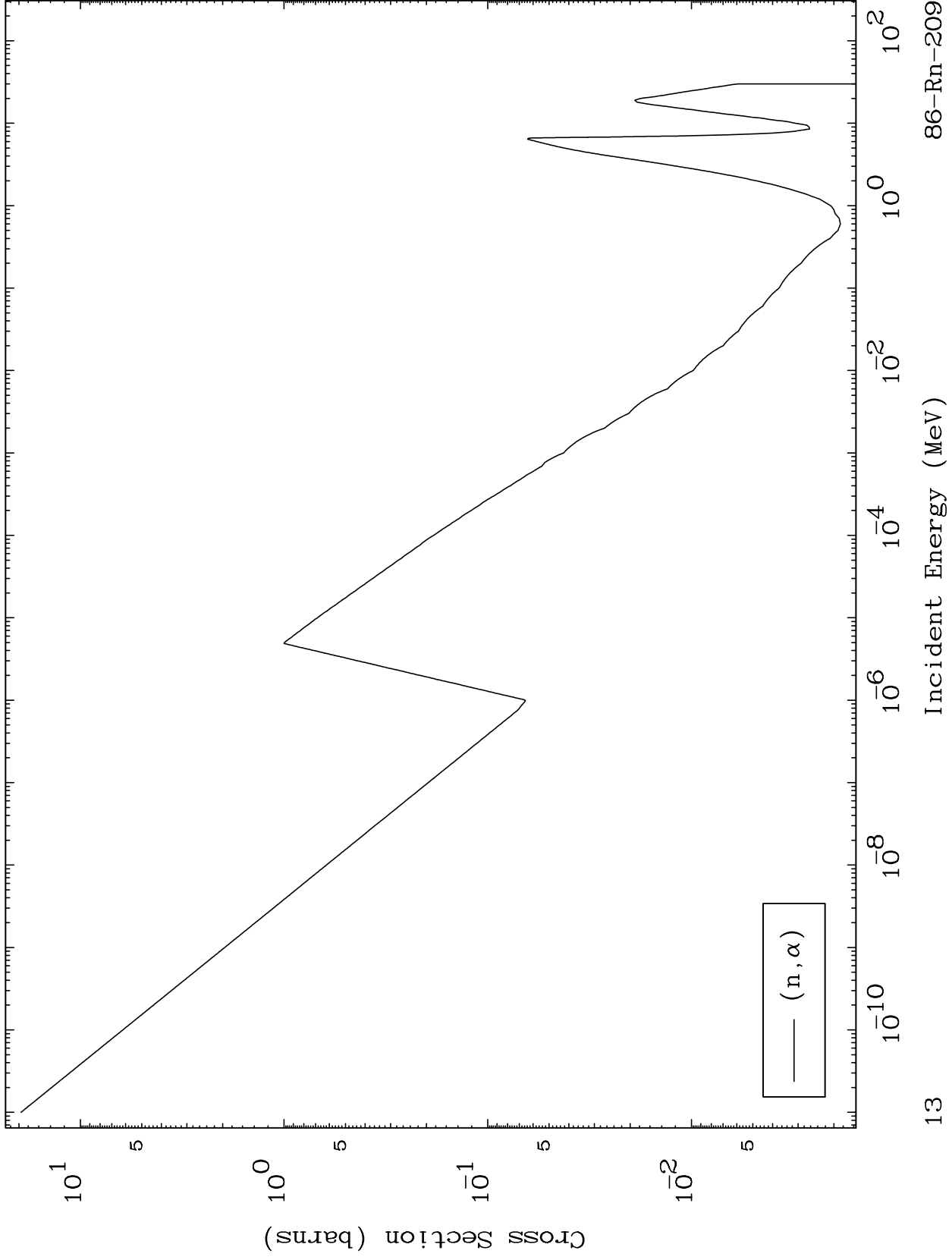
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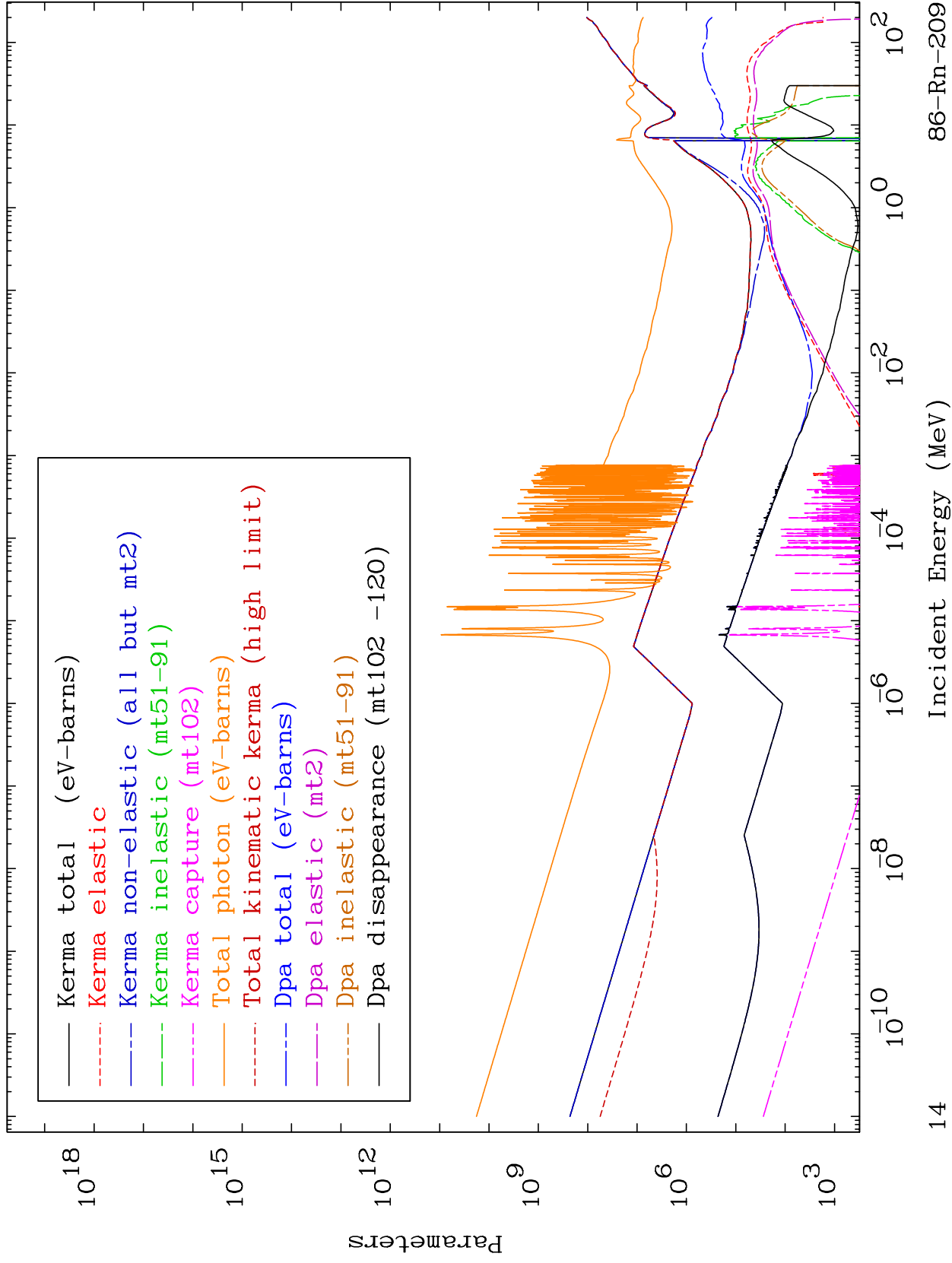
86-Rn-209

MAT 8619

(n,α) Levels
293 Kelvin Cross Sections

86-Rn-209

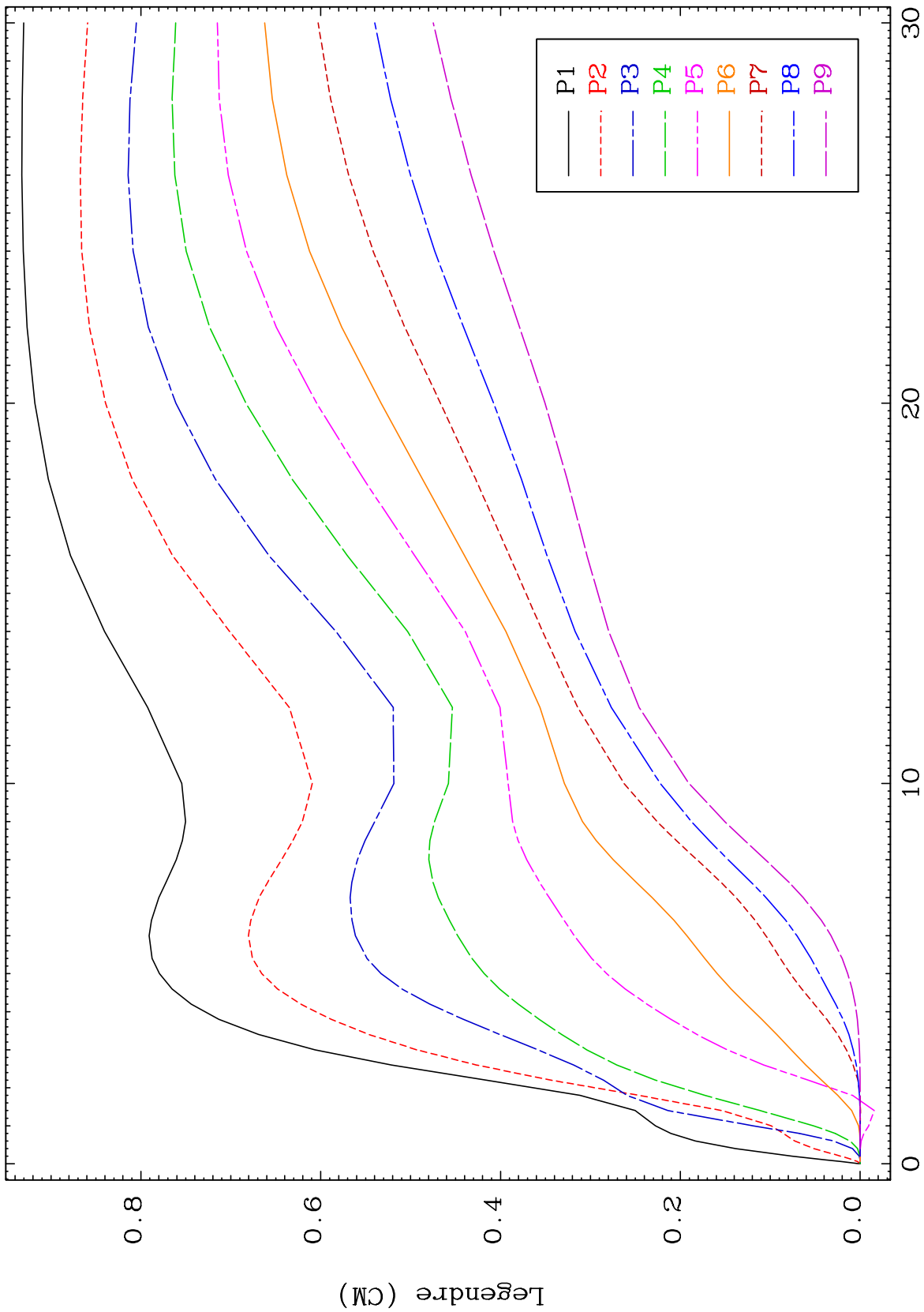




MAT 8619

86-Rn-209

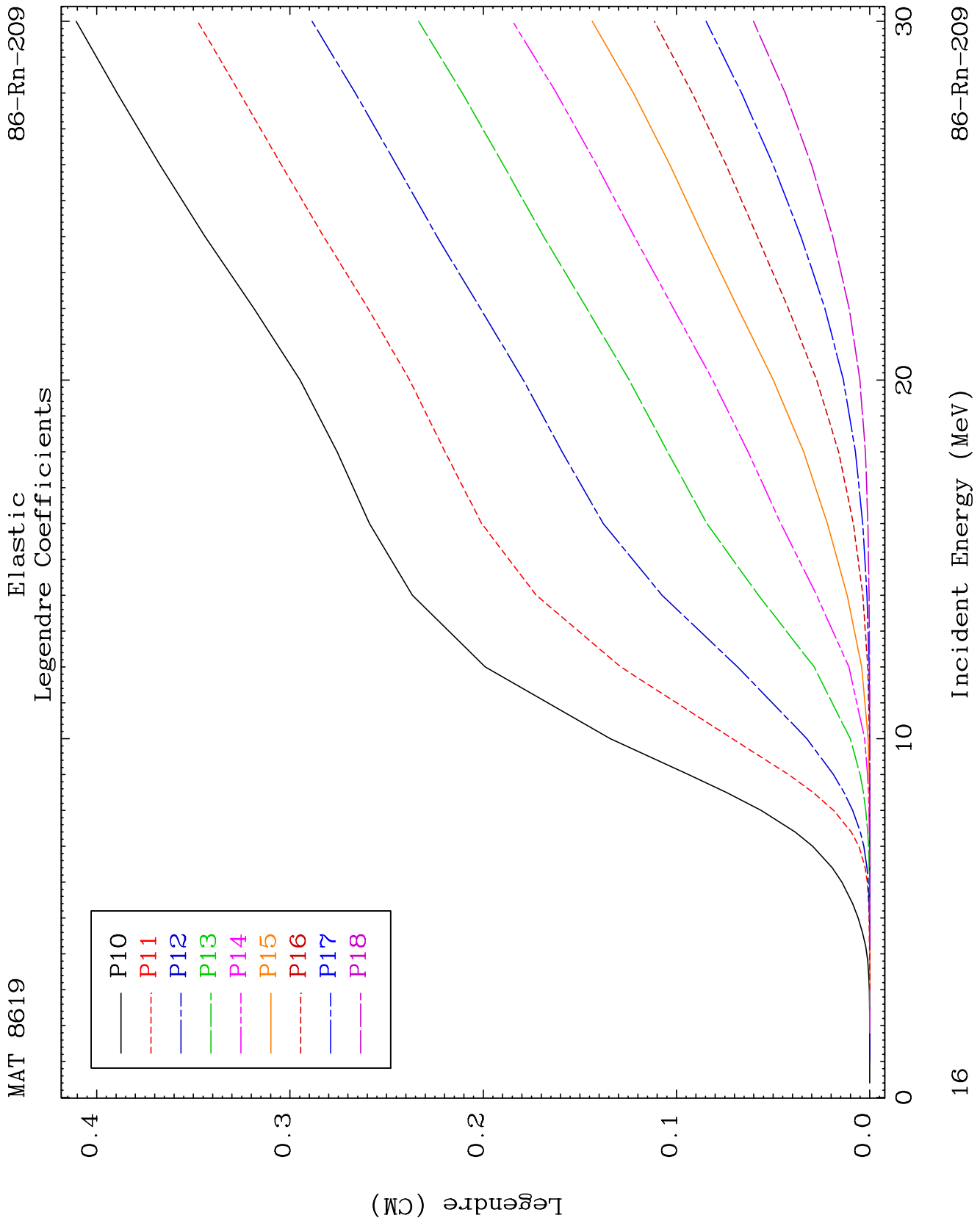
Elastic Legendre Coefficients



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Incident Energy (MeV)

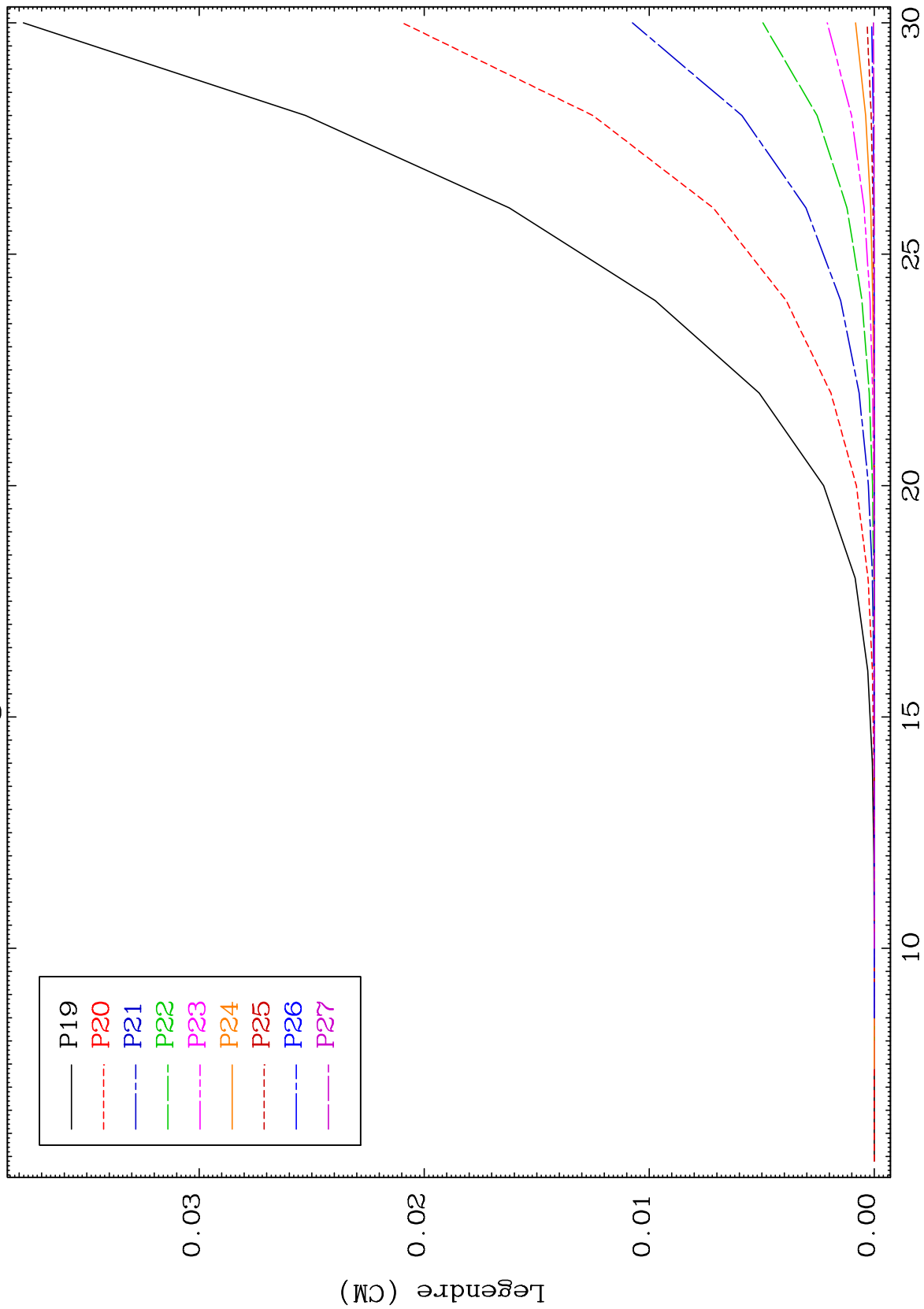
86-Rn-209



MAT 8619

Elastic Legendre Coefficients

86-Rn-209



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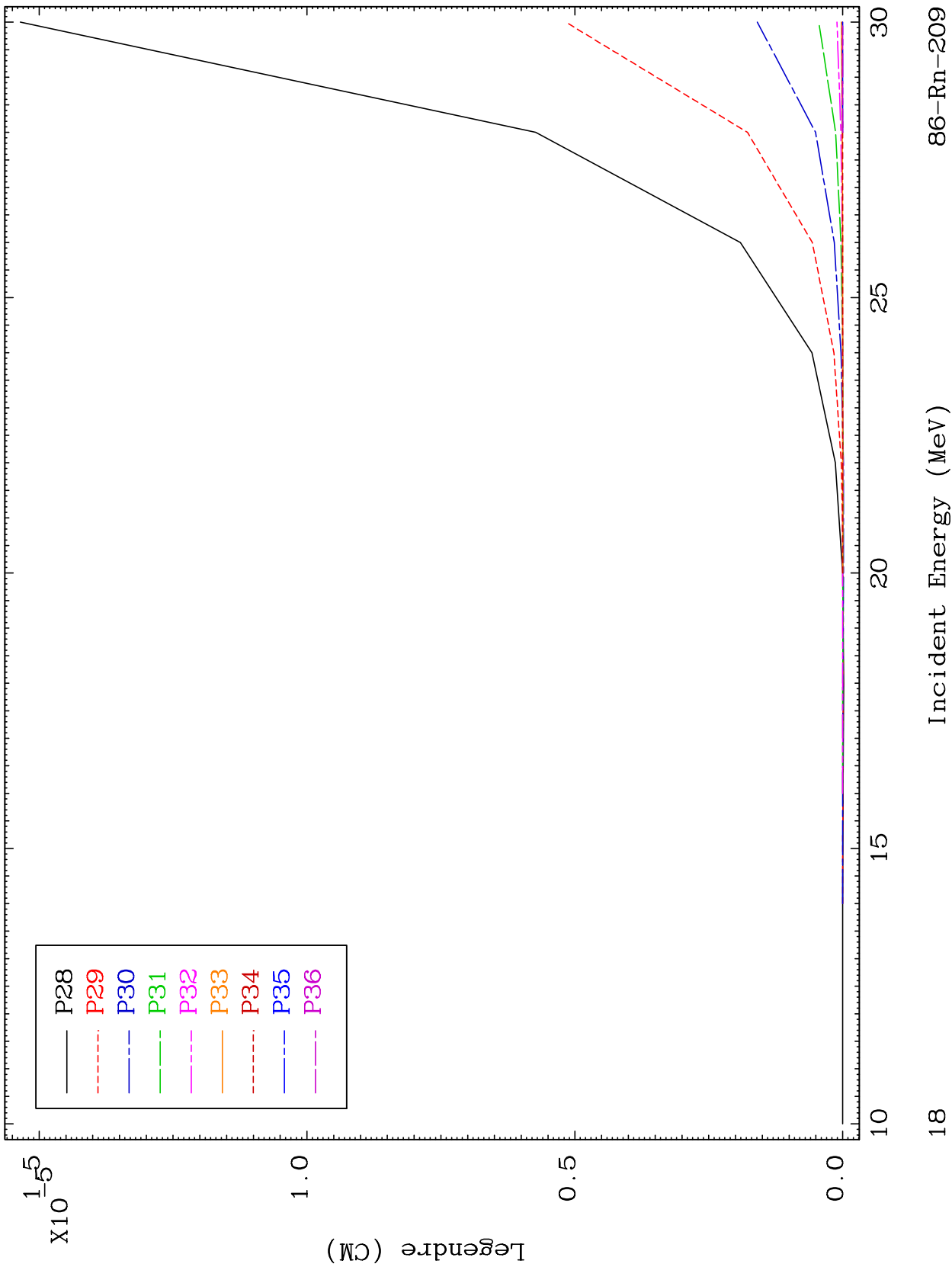
Incident Energy (MeV)

86-Rn-209

MAT 8619

Elastic Legendre Coefficients

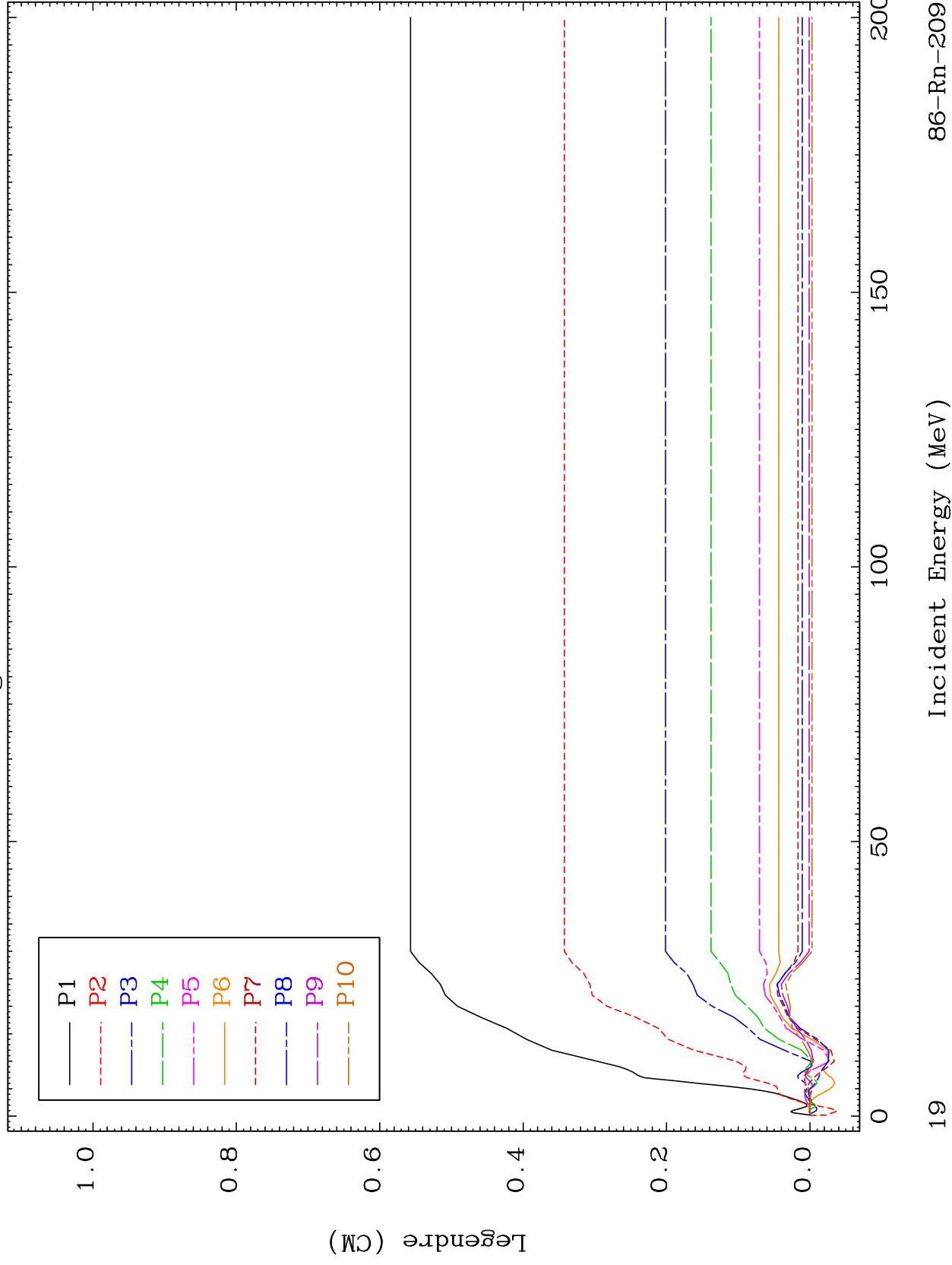
86-Rn-209



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Incident Energy (MeV)

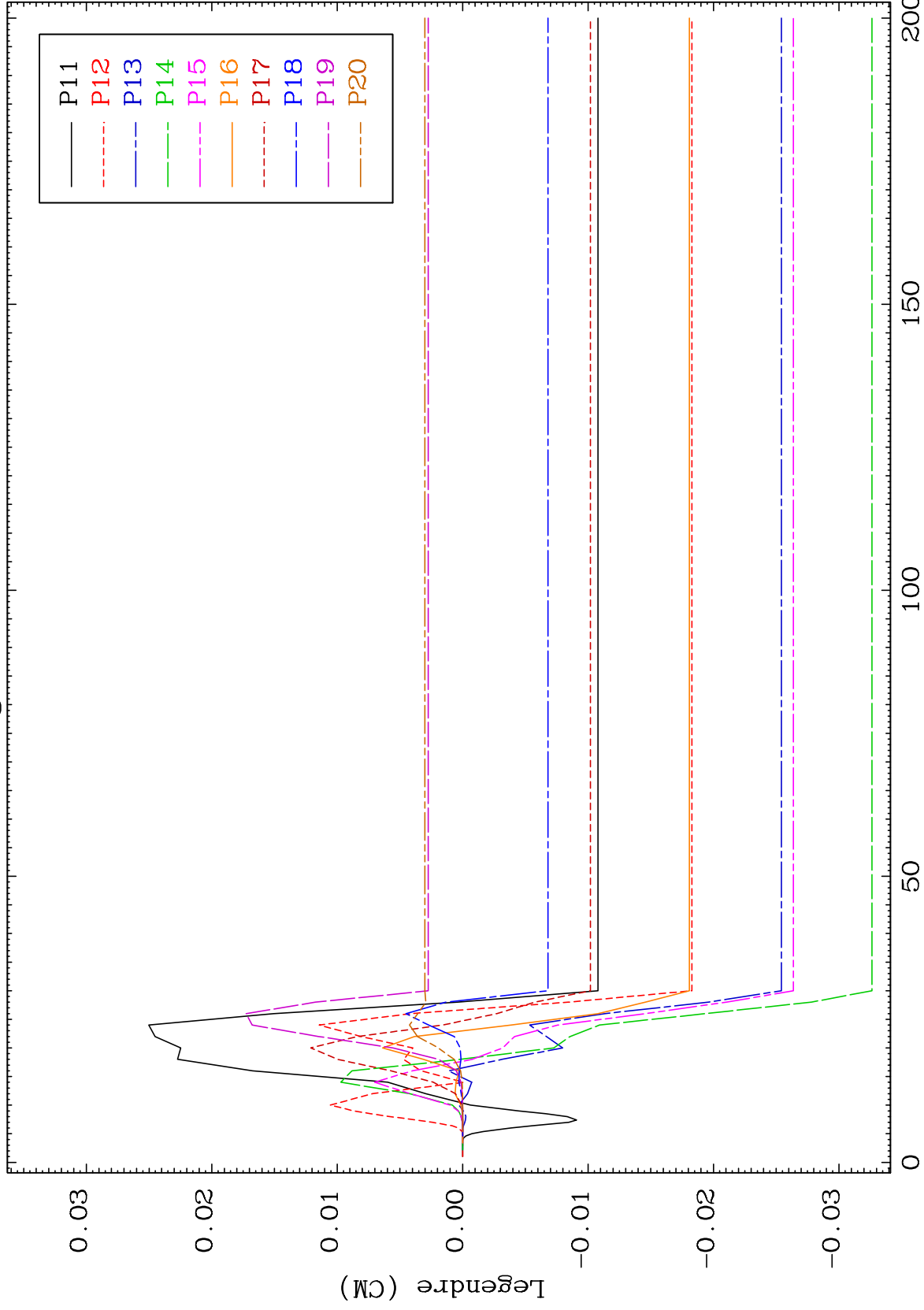
86-Rn-209



MAT 8619

110.1 keV (n,n') Level
Legendre Coefficients

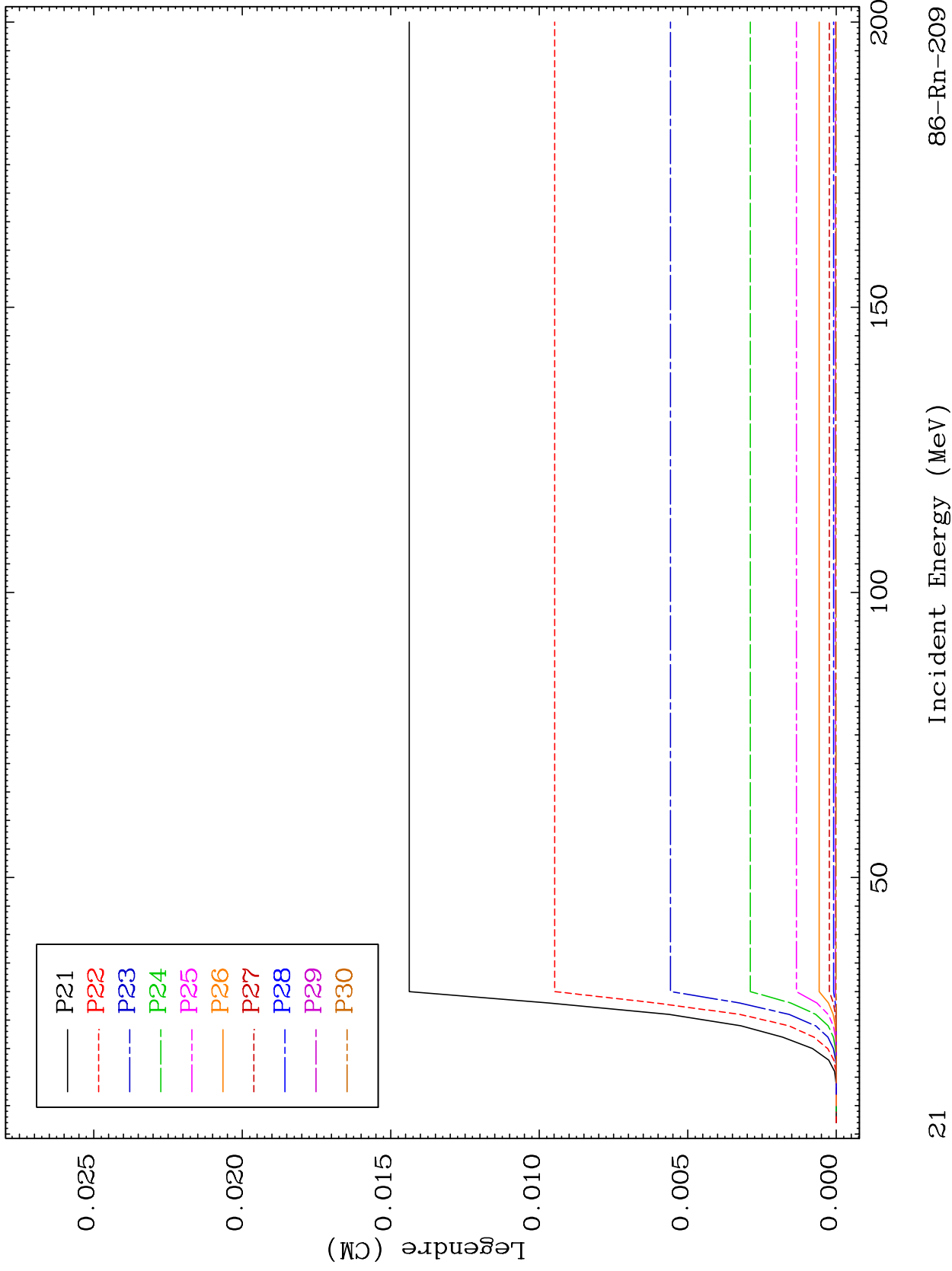
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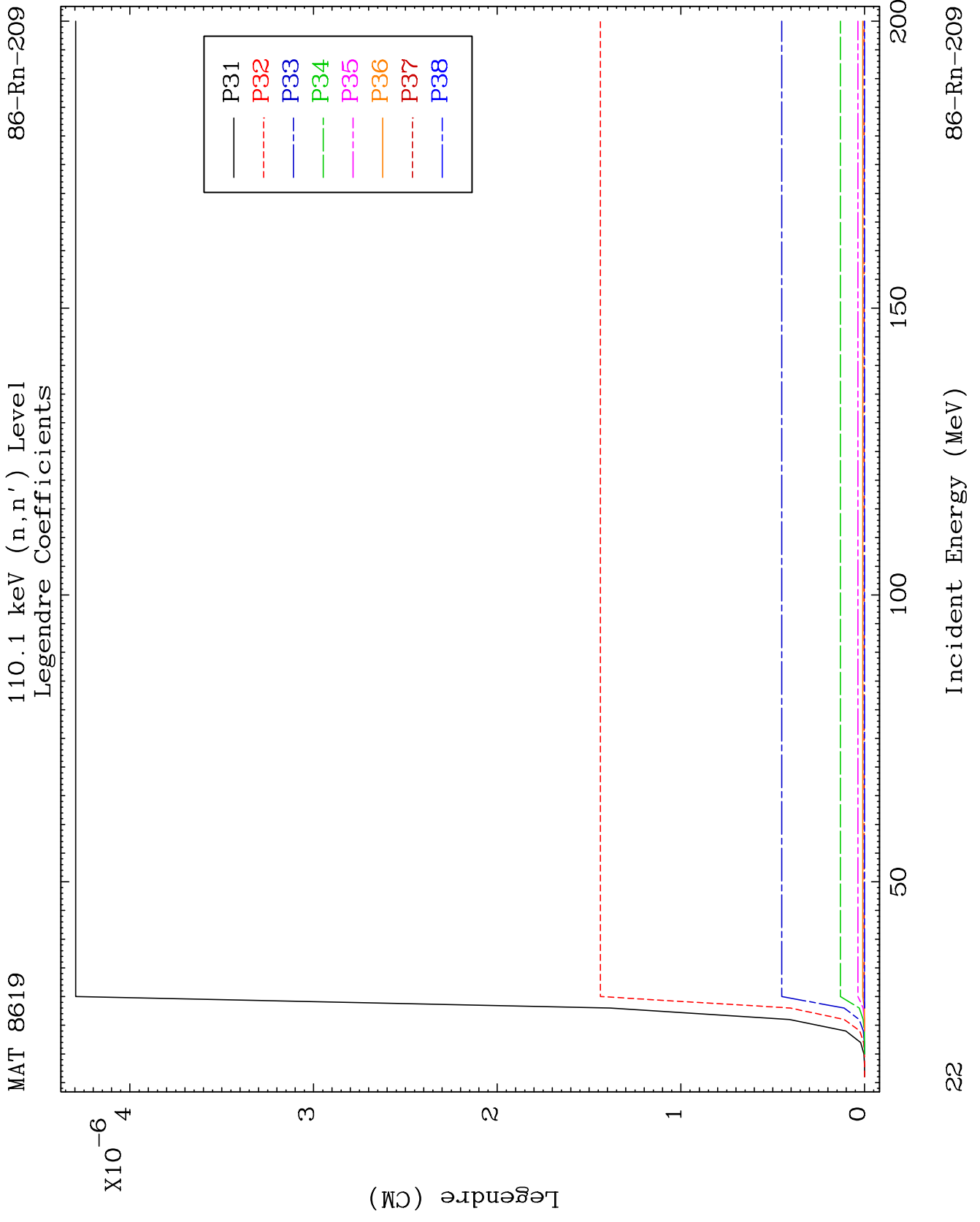


86-Rn-209

Incident Energy (MeV)

20

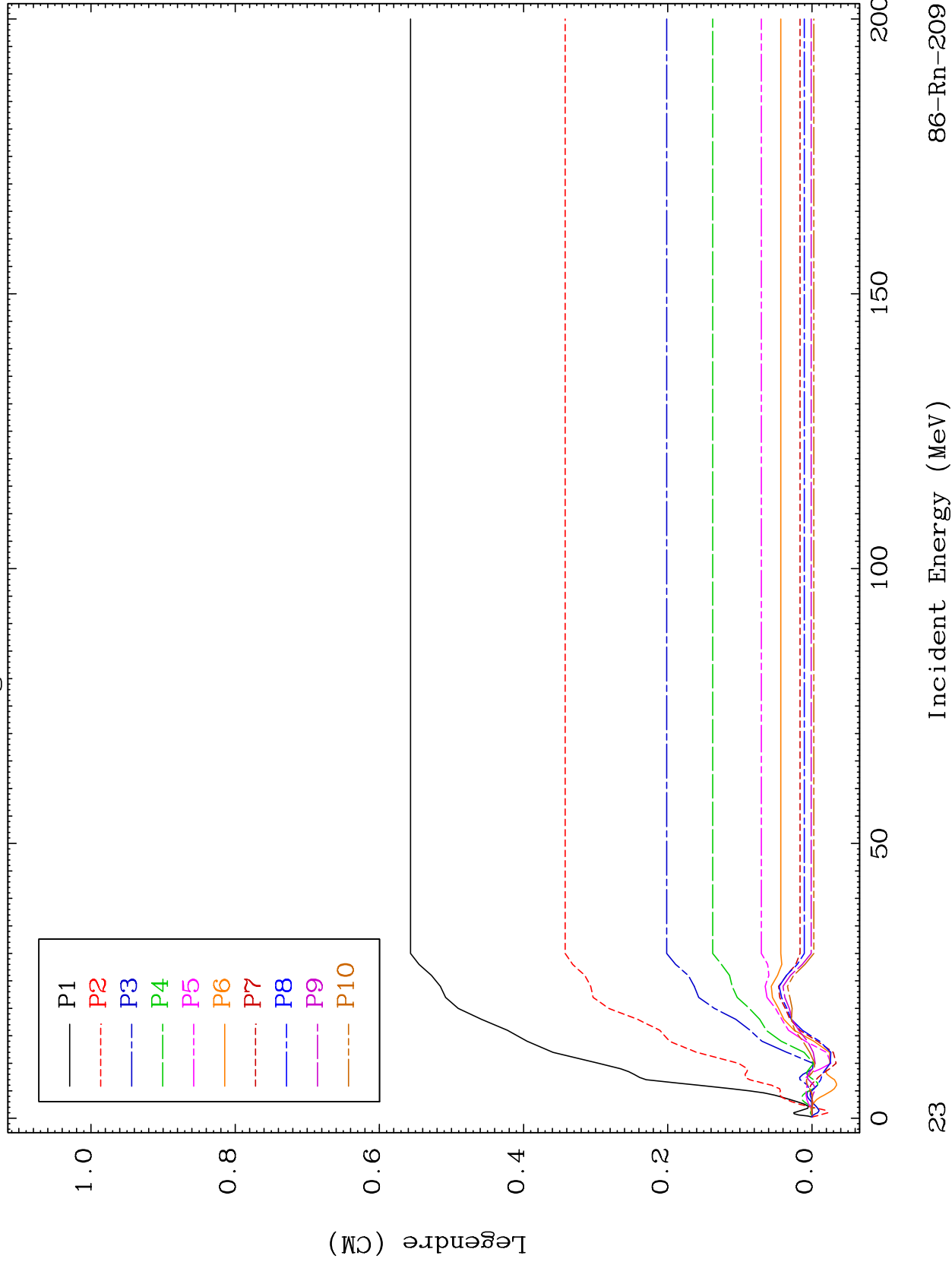




MAT 8619

214.7 keV (n, n') Level
Legendre Coefficients

86-Rn-209



23

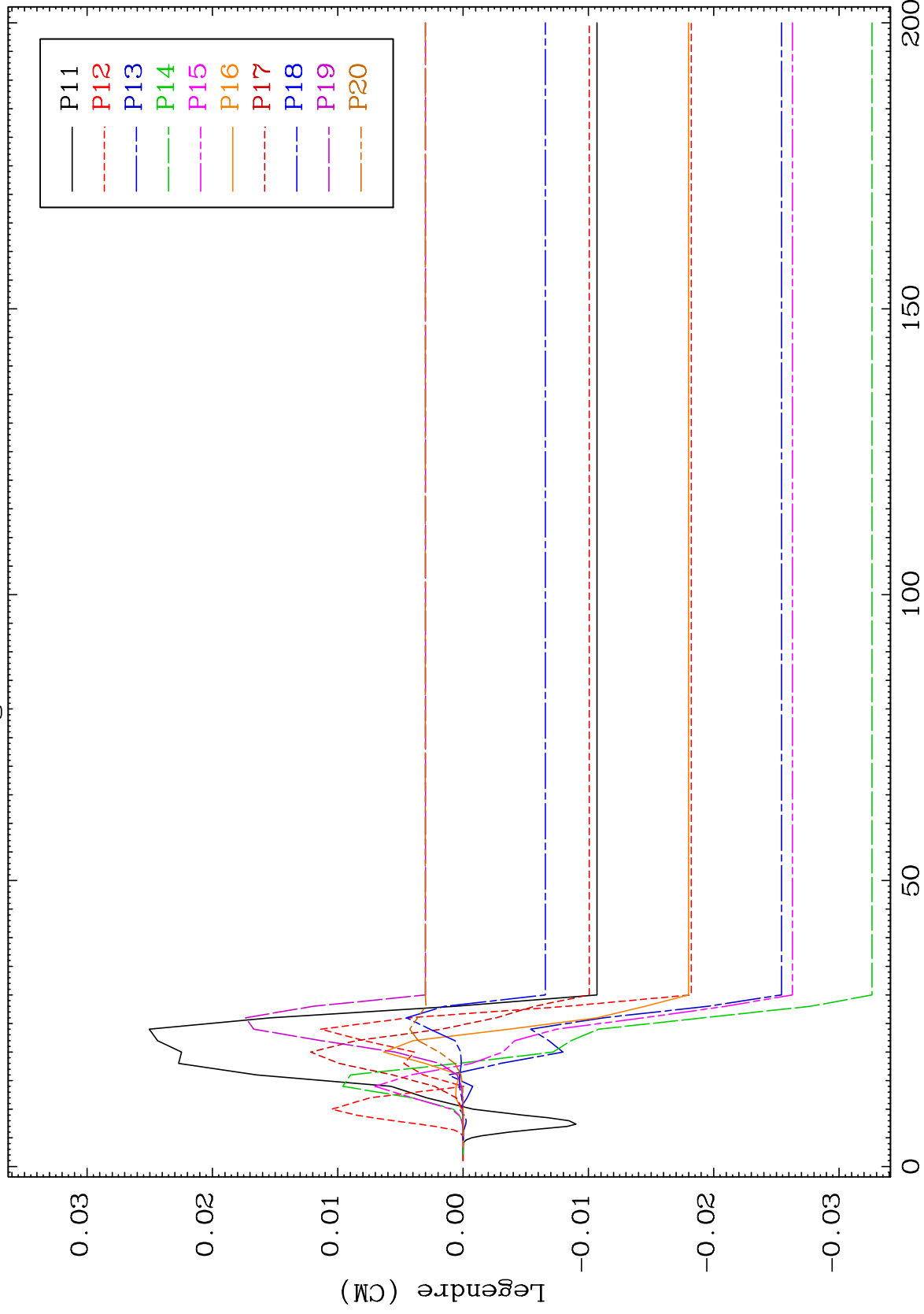
Incident Energy (MeV)

86-Rn-209

MAT 8619

214.7 keV (n,n') Level
Legendre Coefficients

86-Rn-209



24

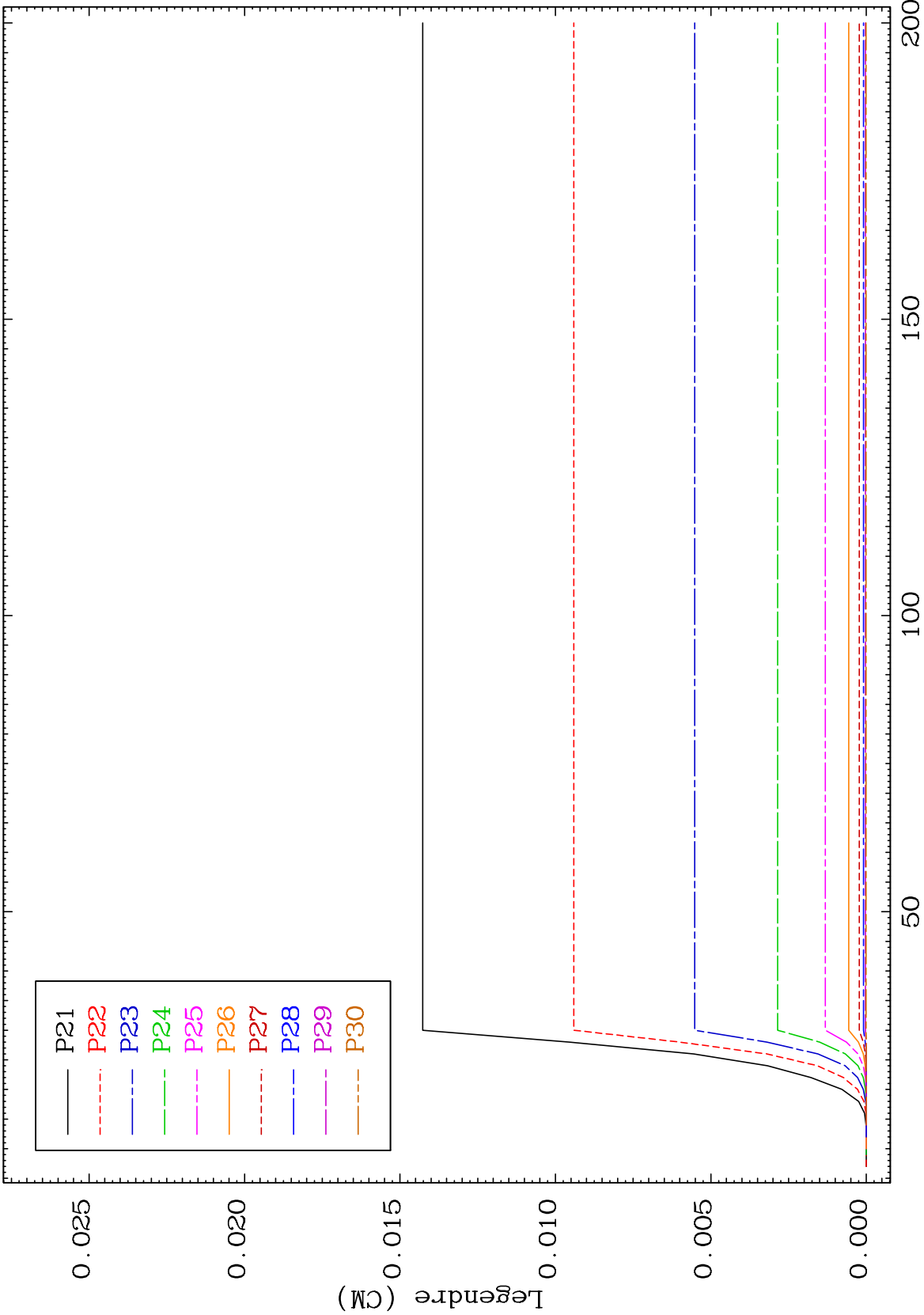
Incident Energy (MeV)

86-Rn-209

MAT 8619

214.7 keV (n,n') Level
Legendre Coefficients

86-Rn-209



25

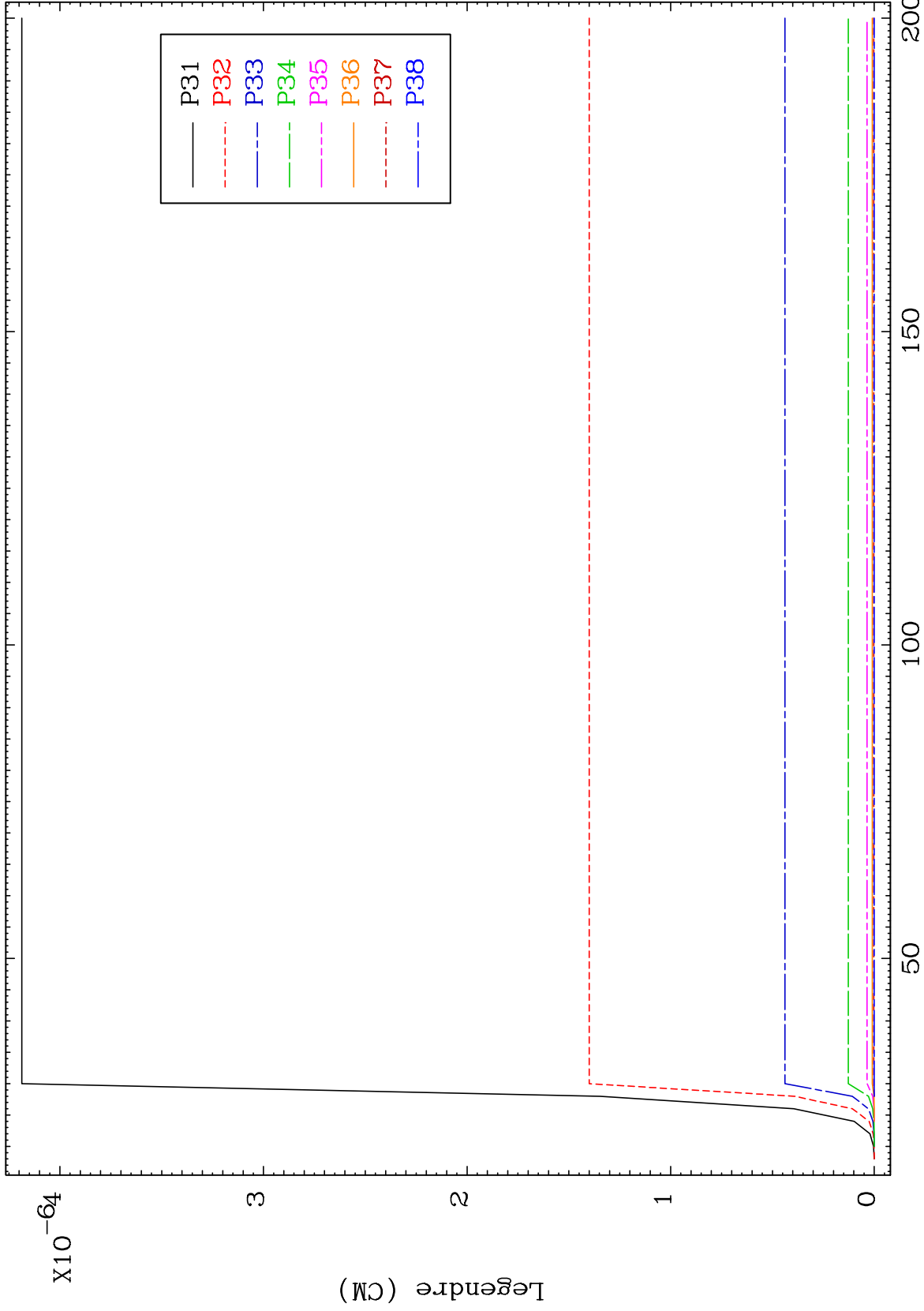
Incident Energy (MeV)

86-Rn-209

MAT 8619

214.7 keV (n,n') Level
Legendre Coefficients

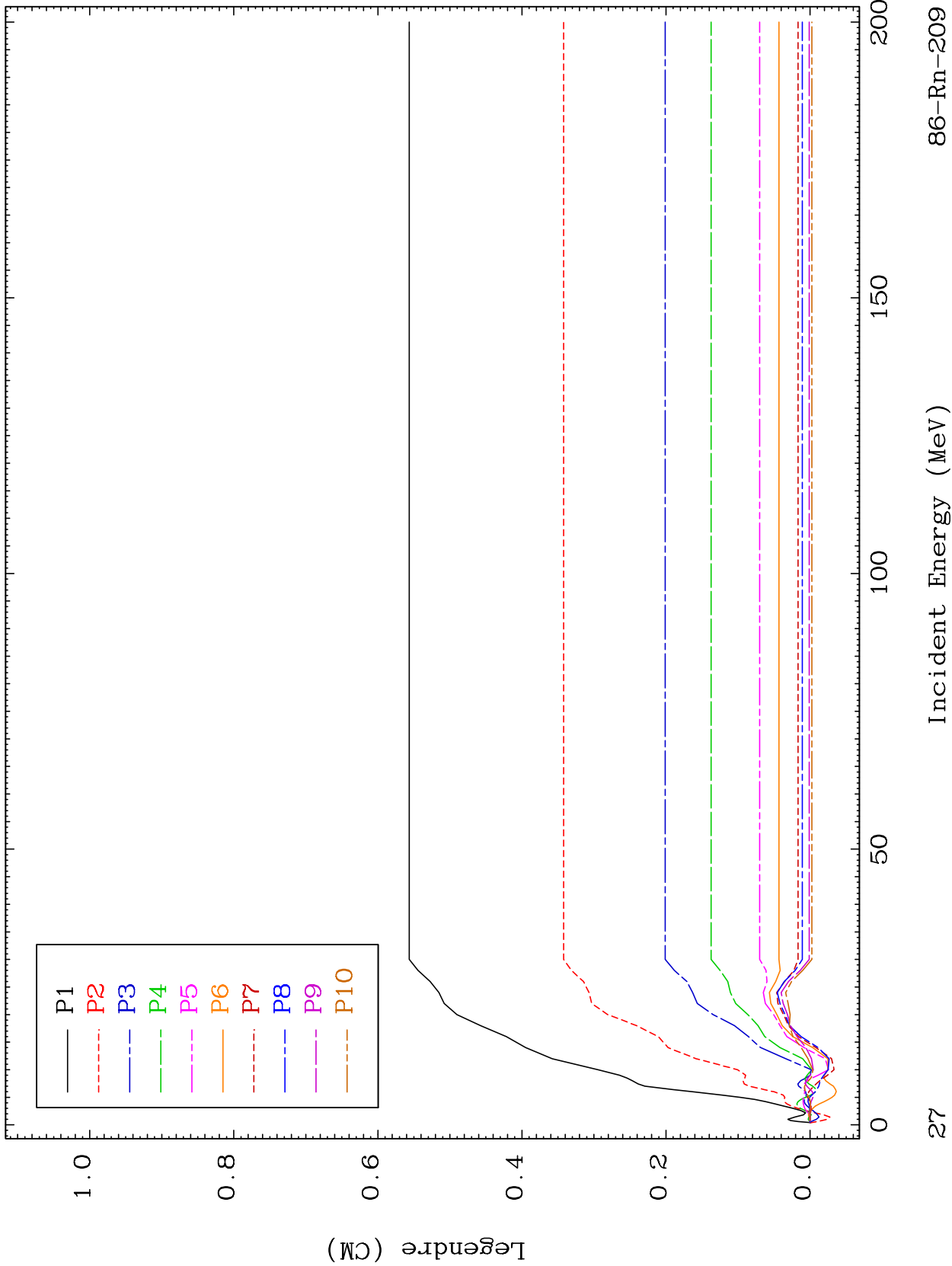
86-Rn-209



26

Incident Energy (MeV)

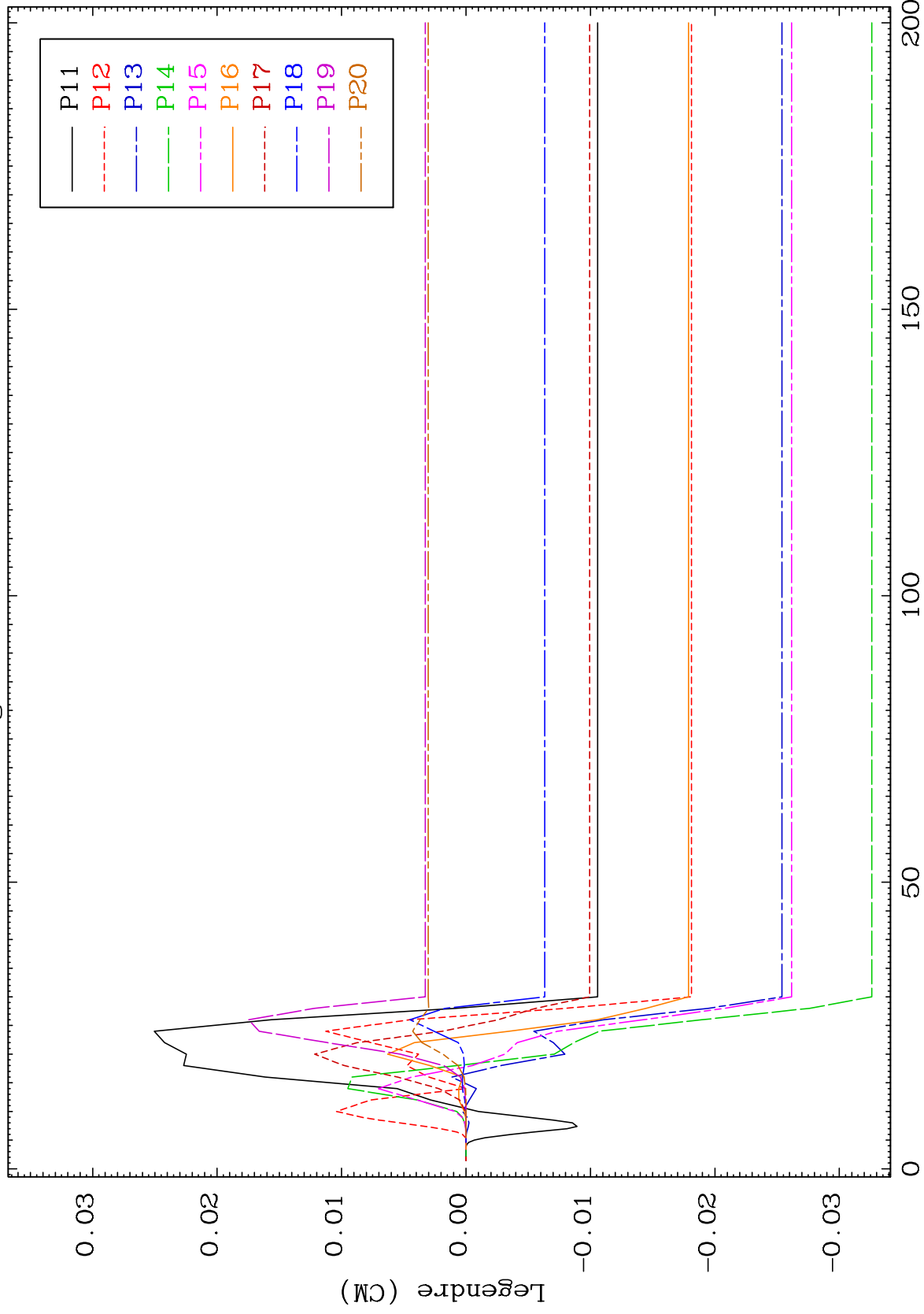
86-Rn-209



MAT 8619

327.0 keV (n,n') Level
Legendre Coefficients

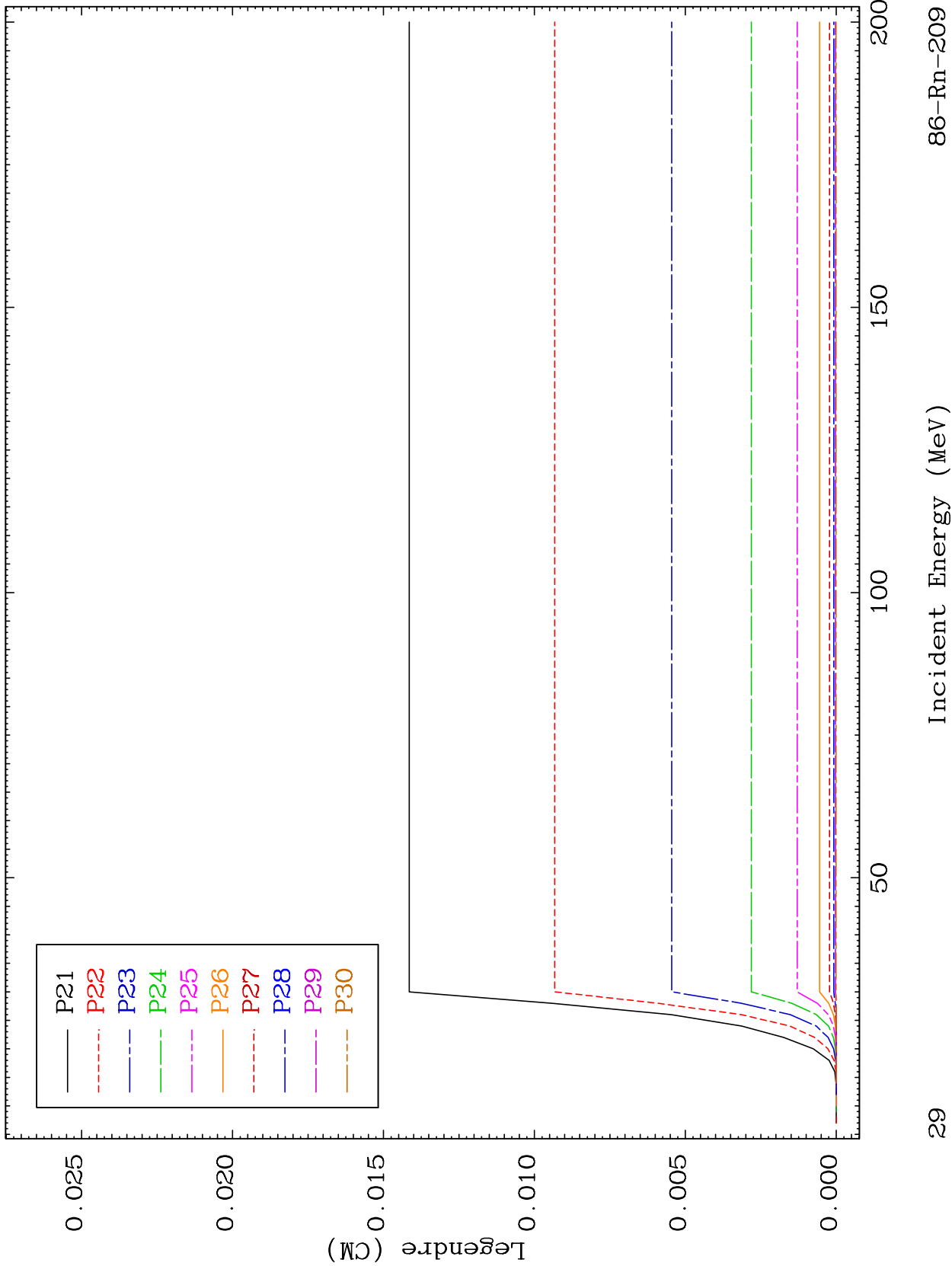
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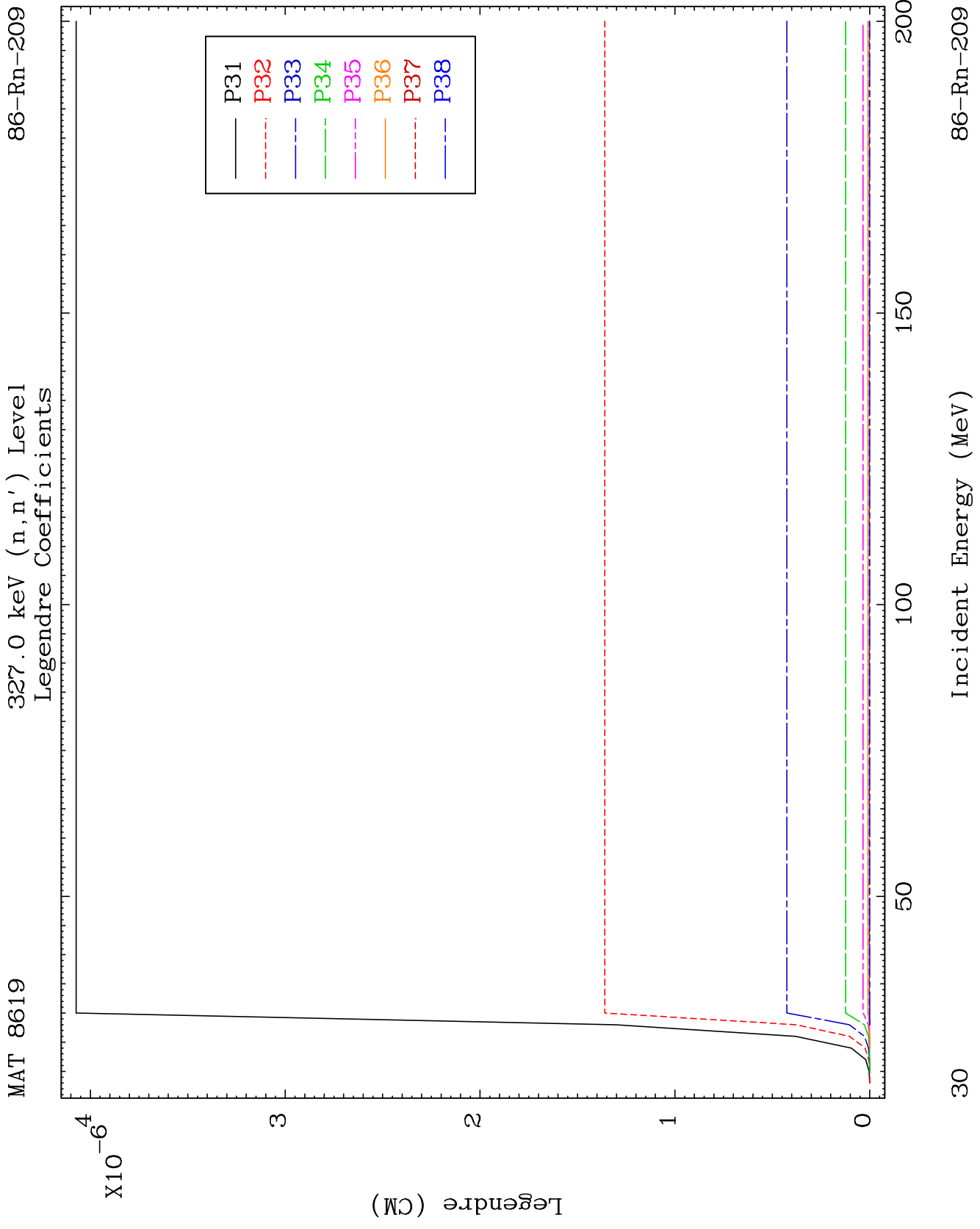


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Incident Energy (MeV)

86-Rn-209

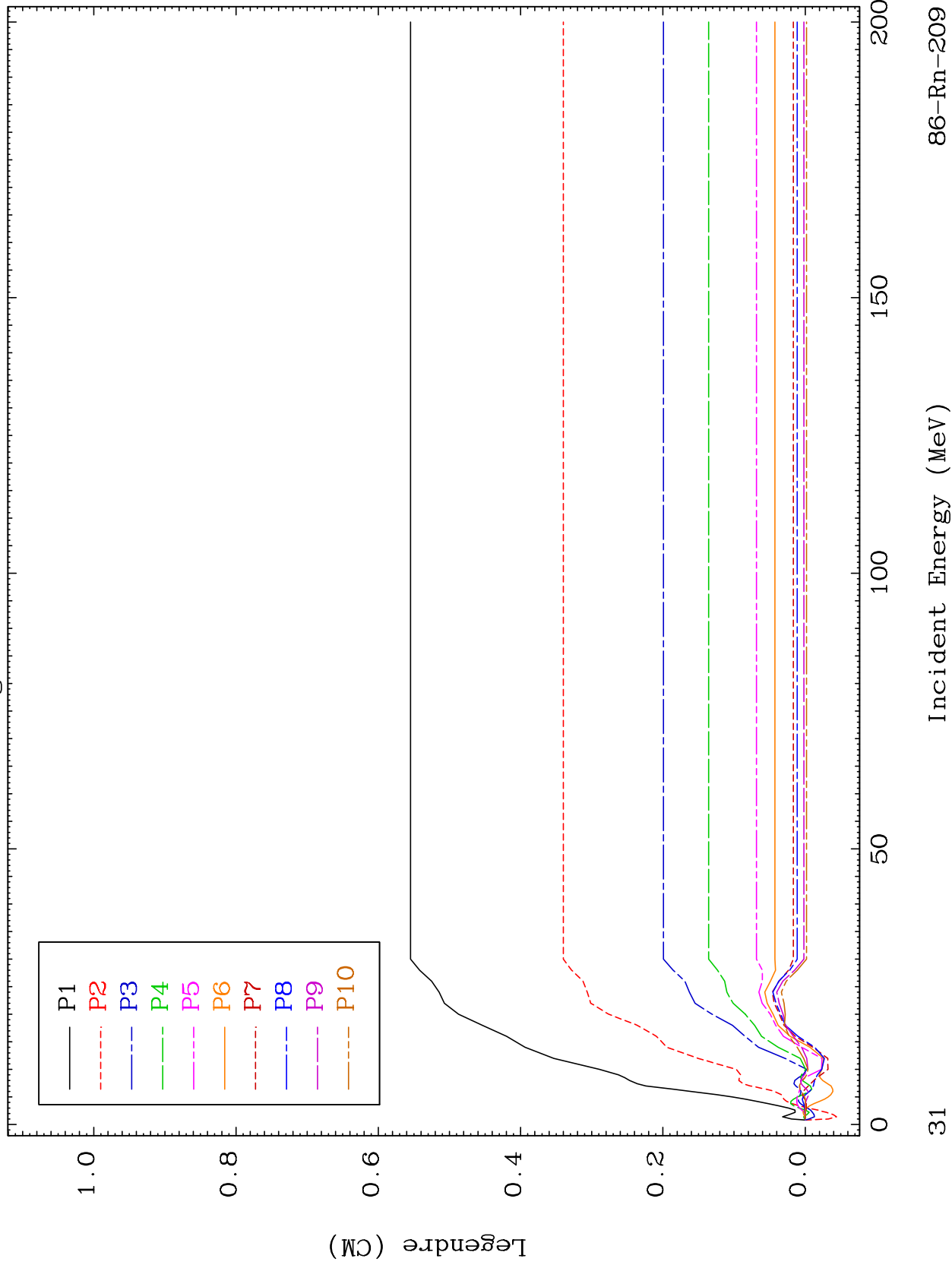




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797.8 keV (n,n') Level
Legendre Coefficients

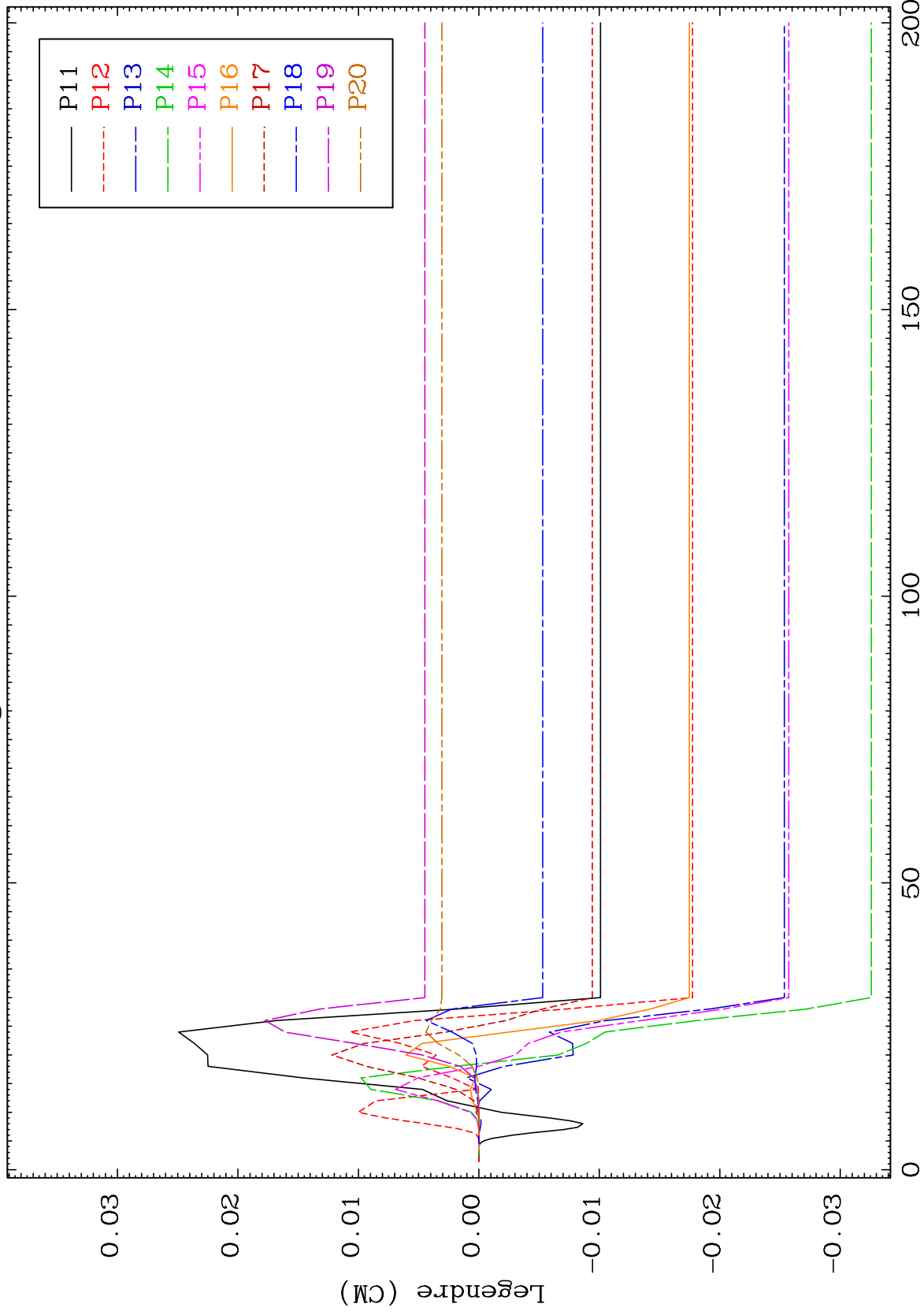
86-Rn-209



MAT 8619

797.8 keV (n,n') Level
Legendre Coefficients

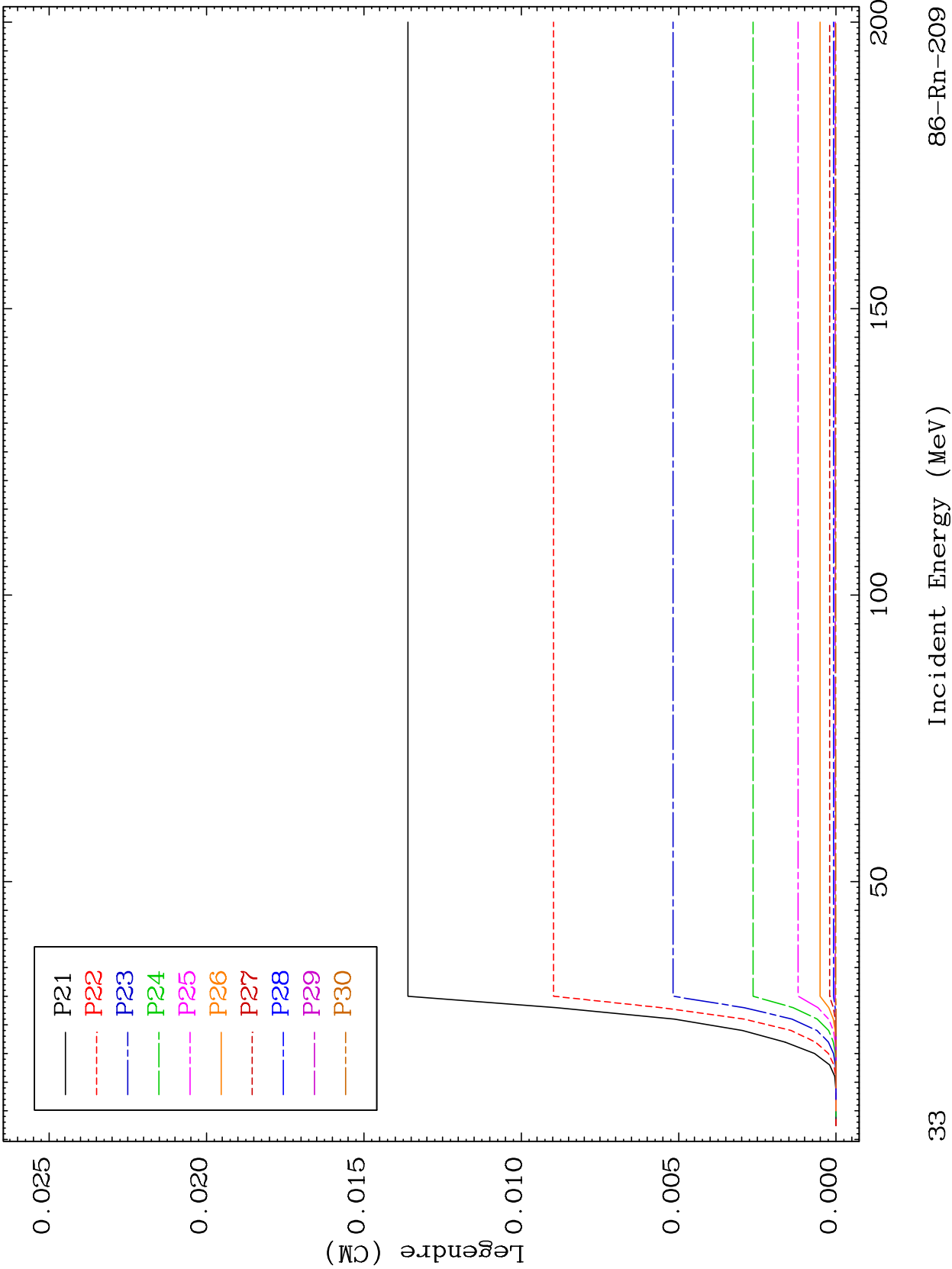
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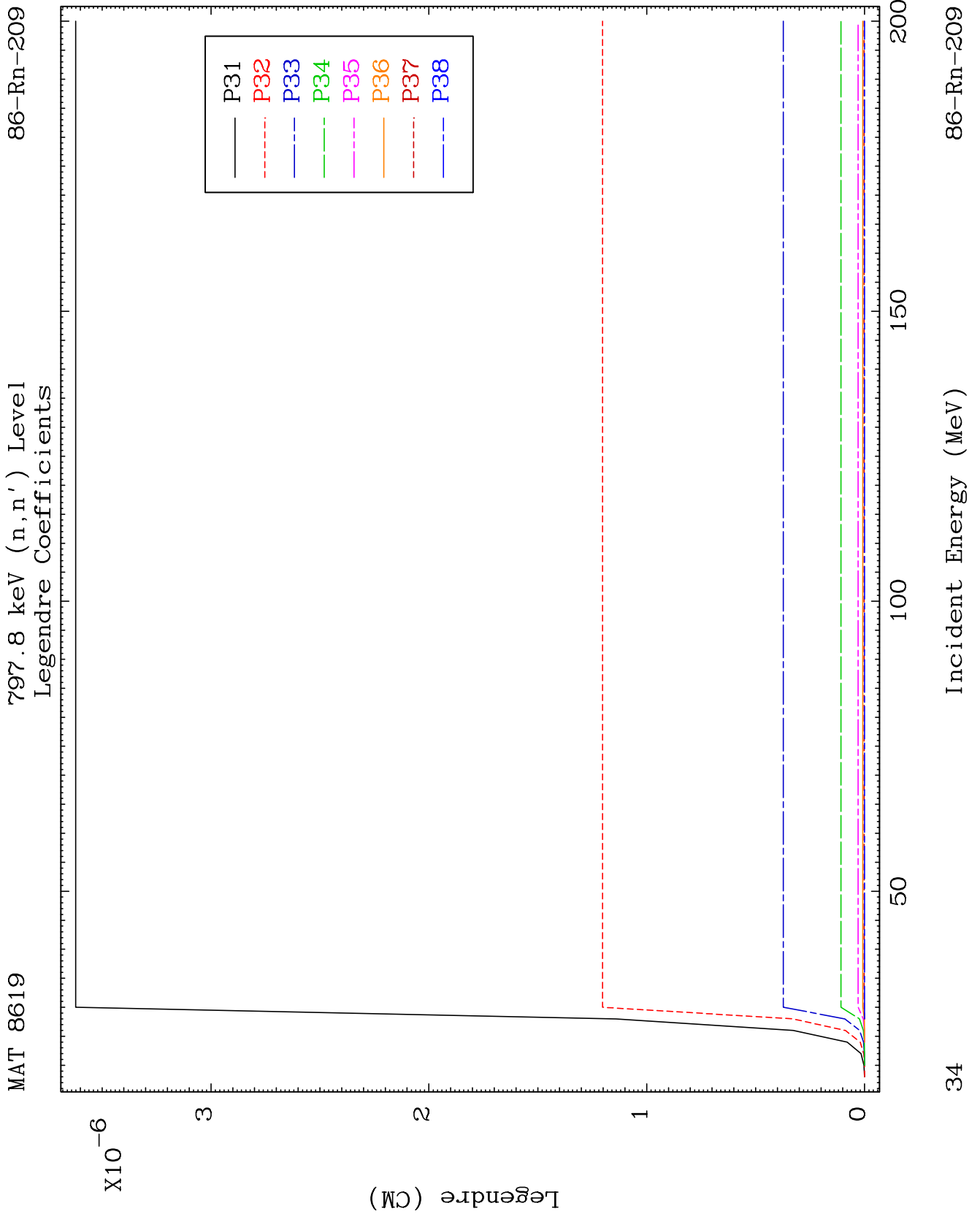


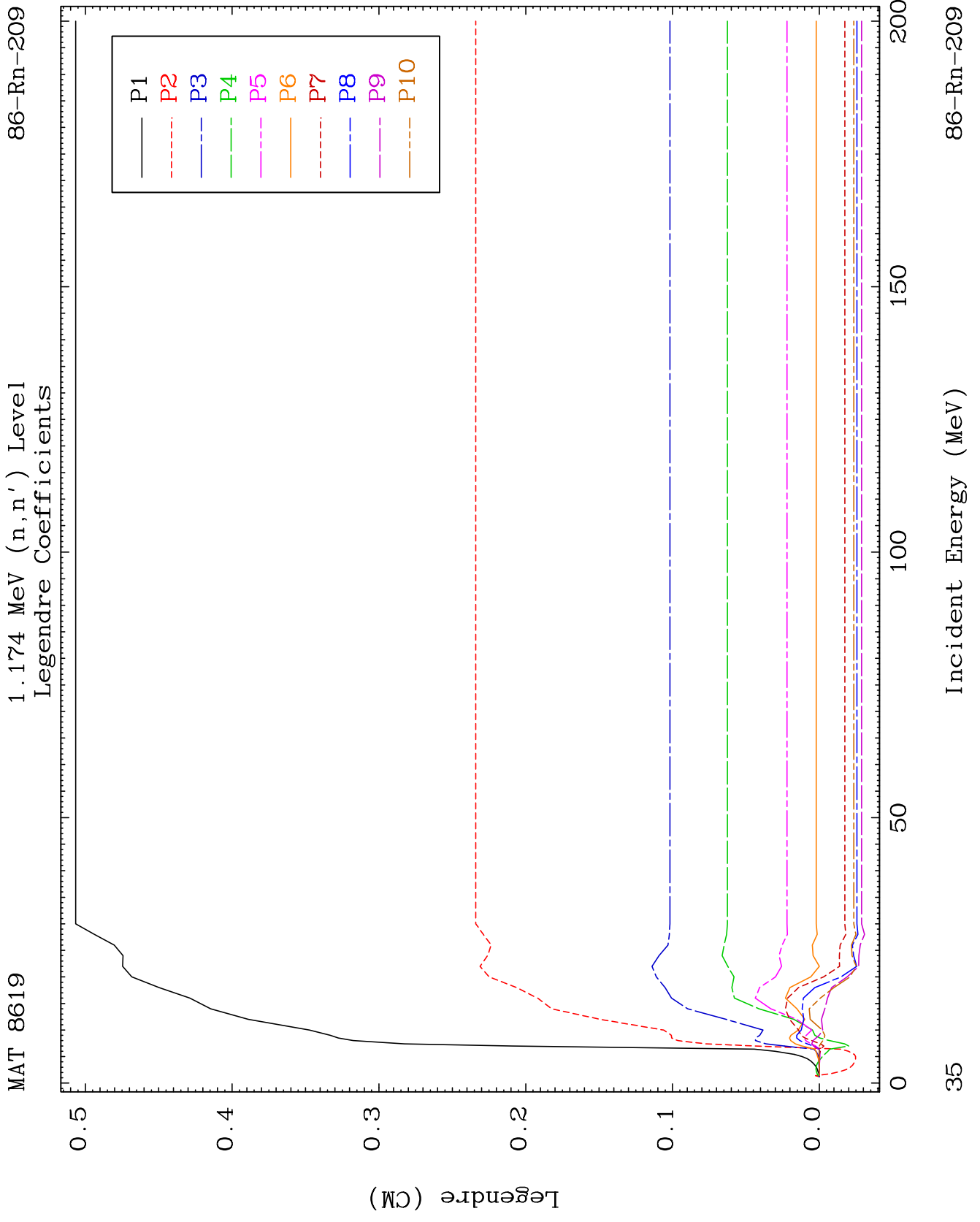
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Incident Energy (MeV)

86-Rn-209



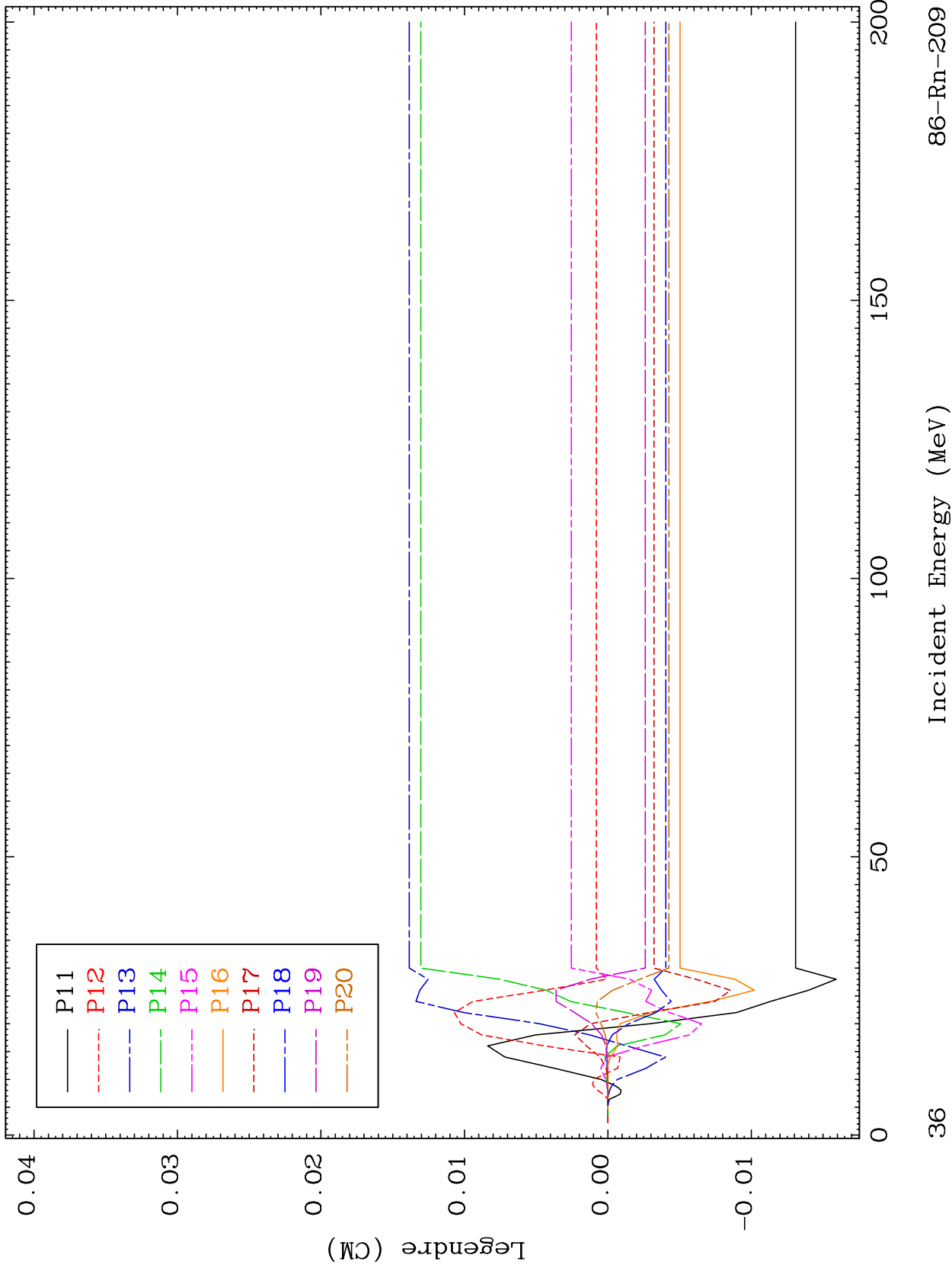




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1.174 MeV (n,n') Level
Legendre Coefficients

86-Rn-209



36

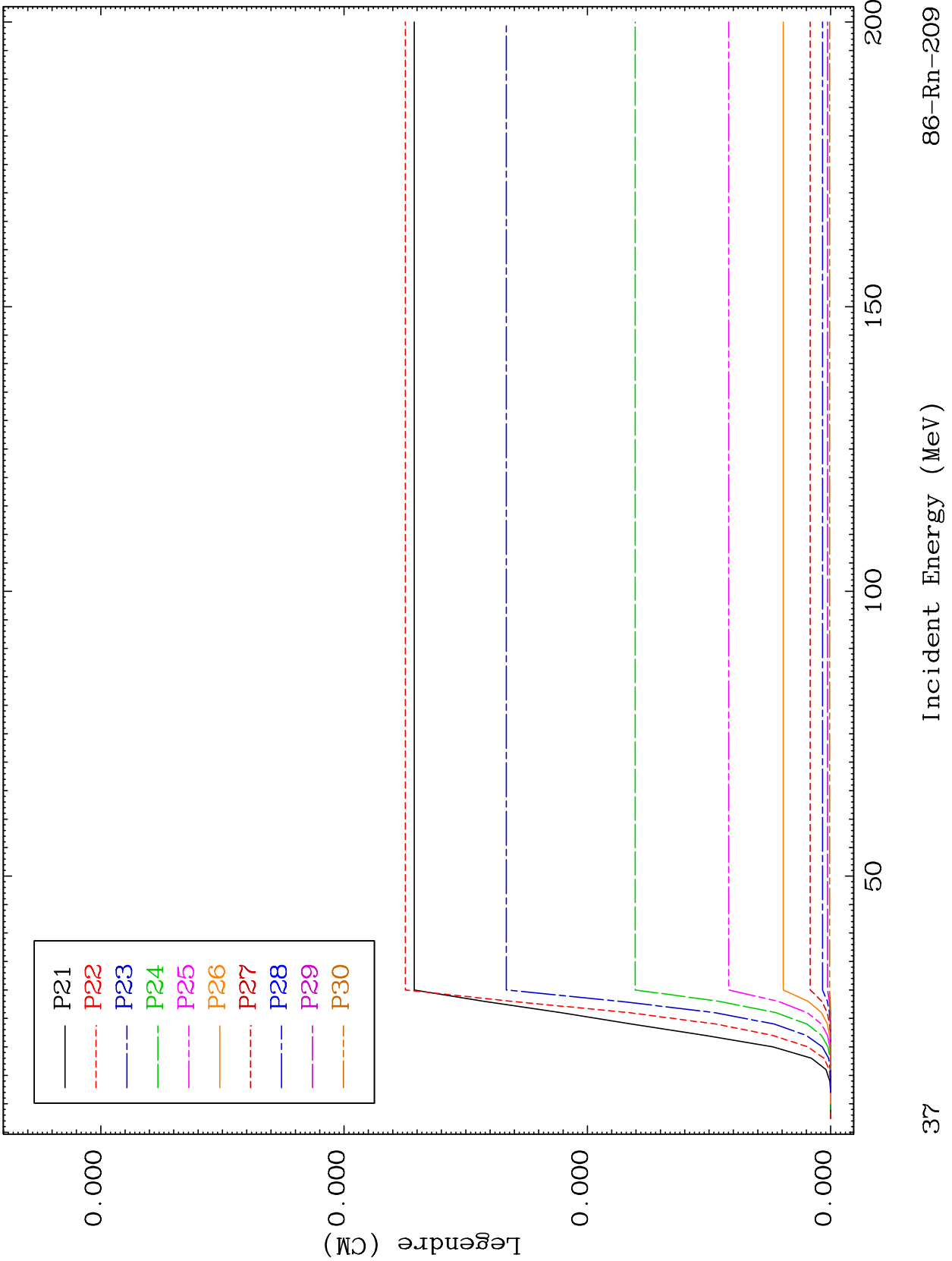
Incident Energy (MeV)

86-Rn-209

MAT 8619

1.174 MeV (n,n') Level
Legendre Coefficients

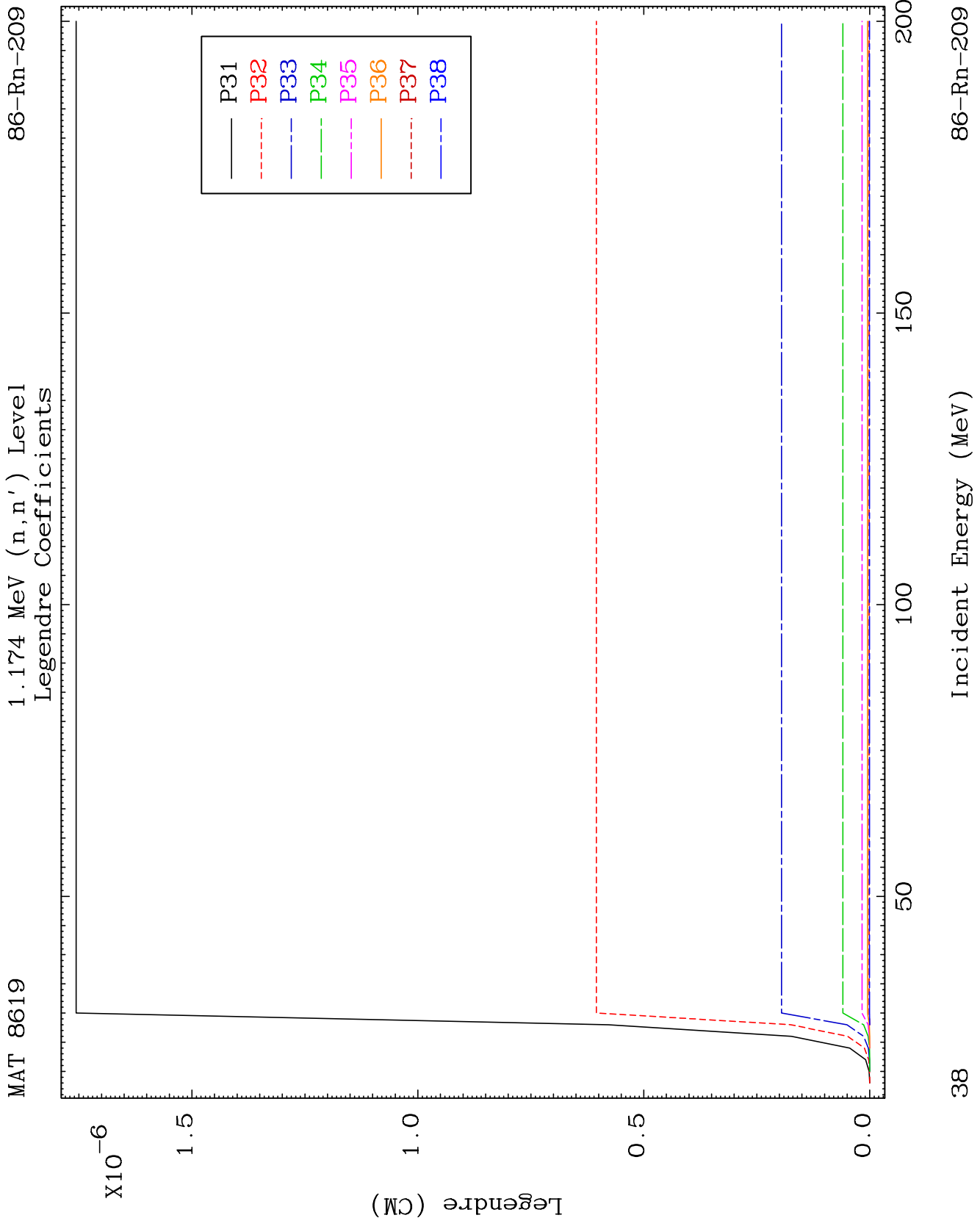
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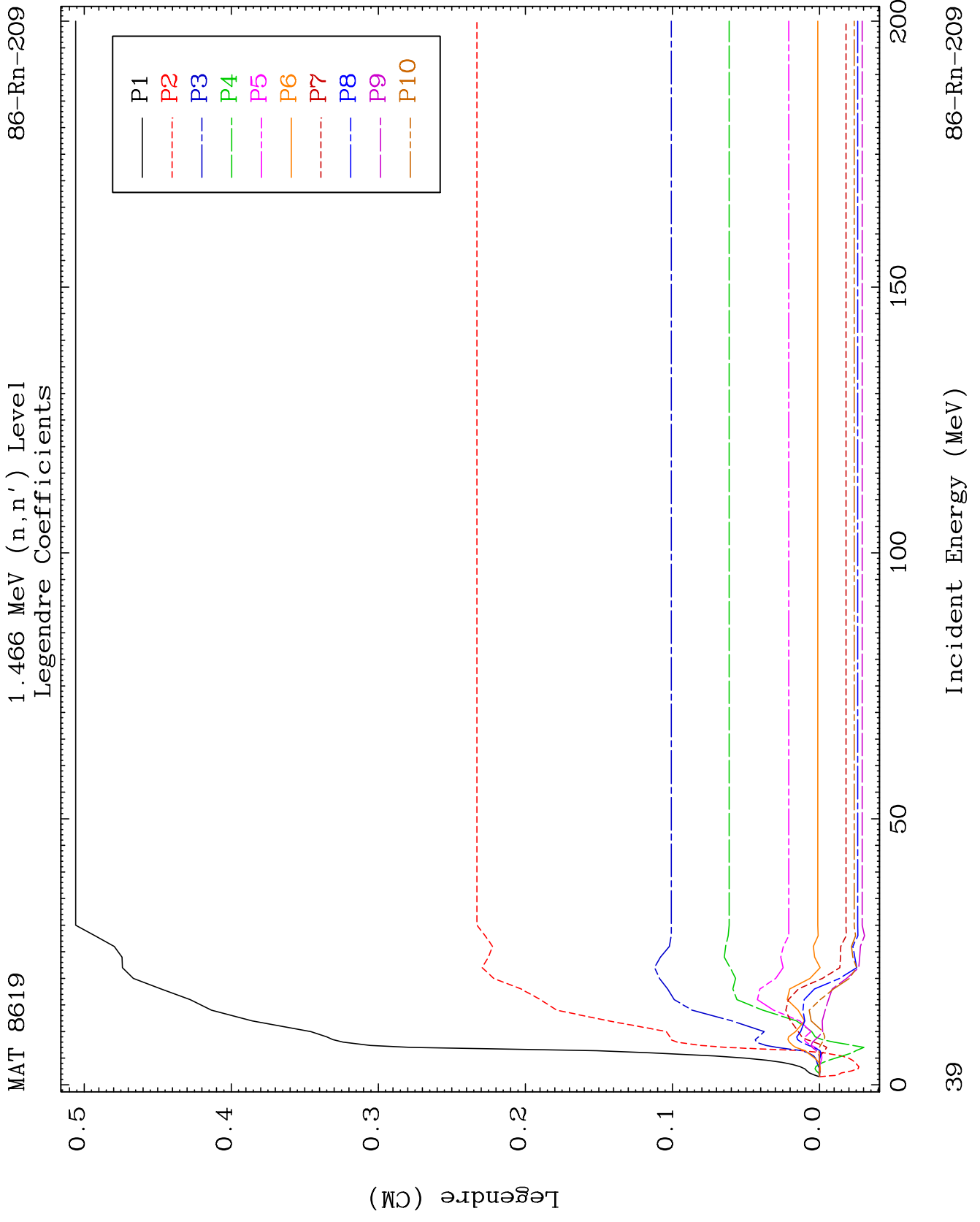


37

Incident Energy (MeV)

86-Rn-209

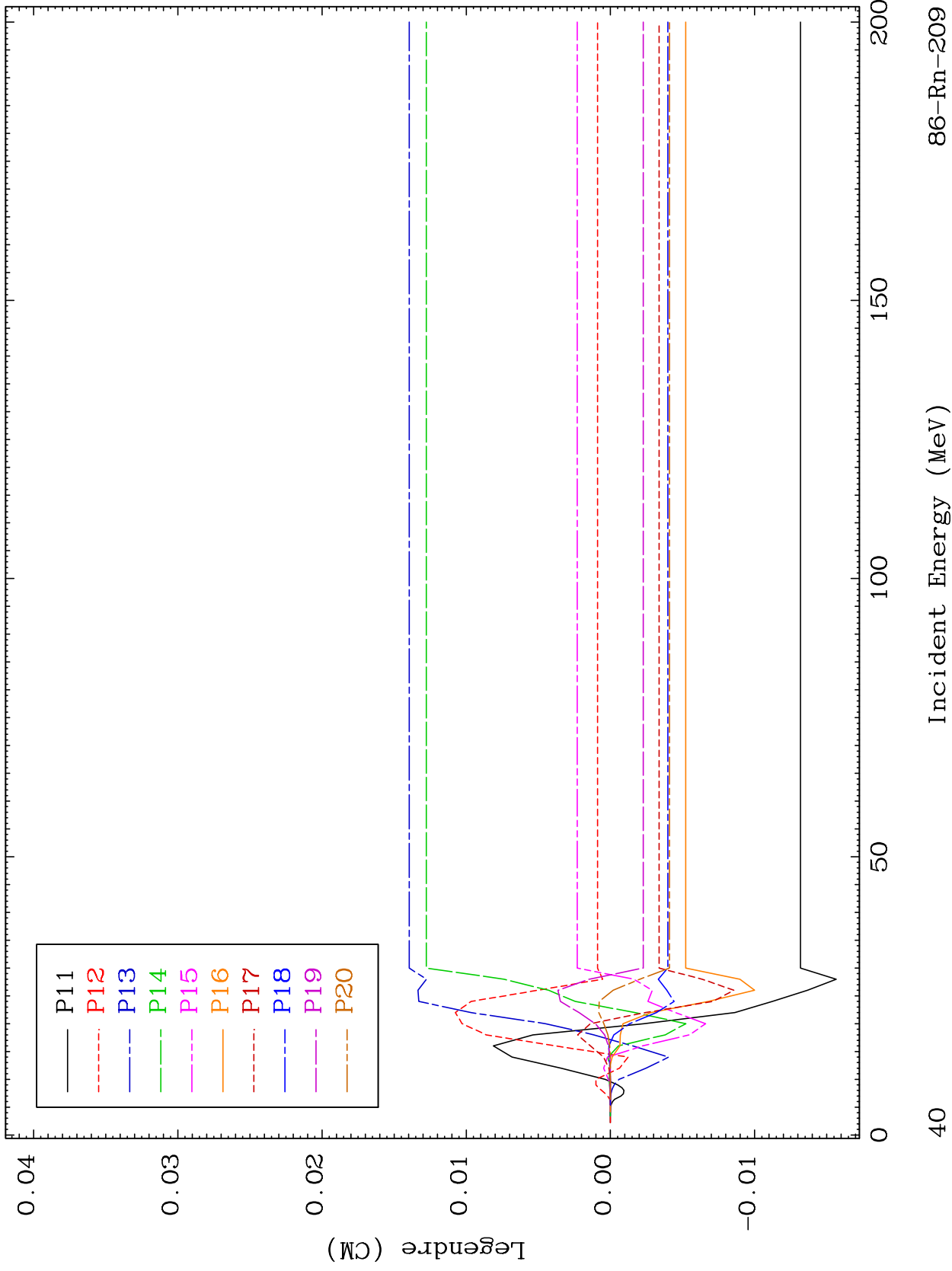




MAT 8619

1.466 MeV (n,n') Level
Legendre Coefficients

86-Rn-209



86-Rn-209

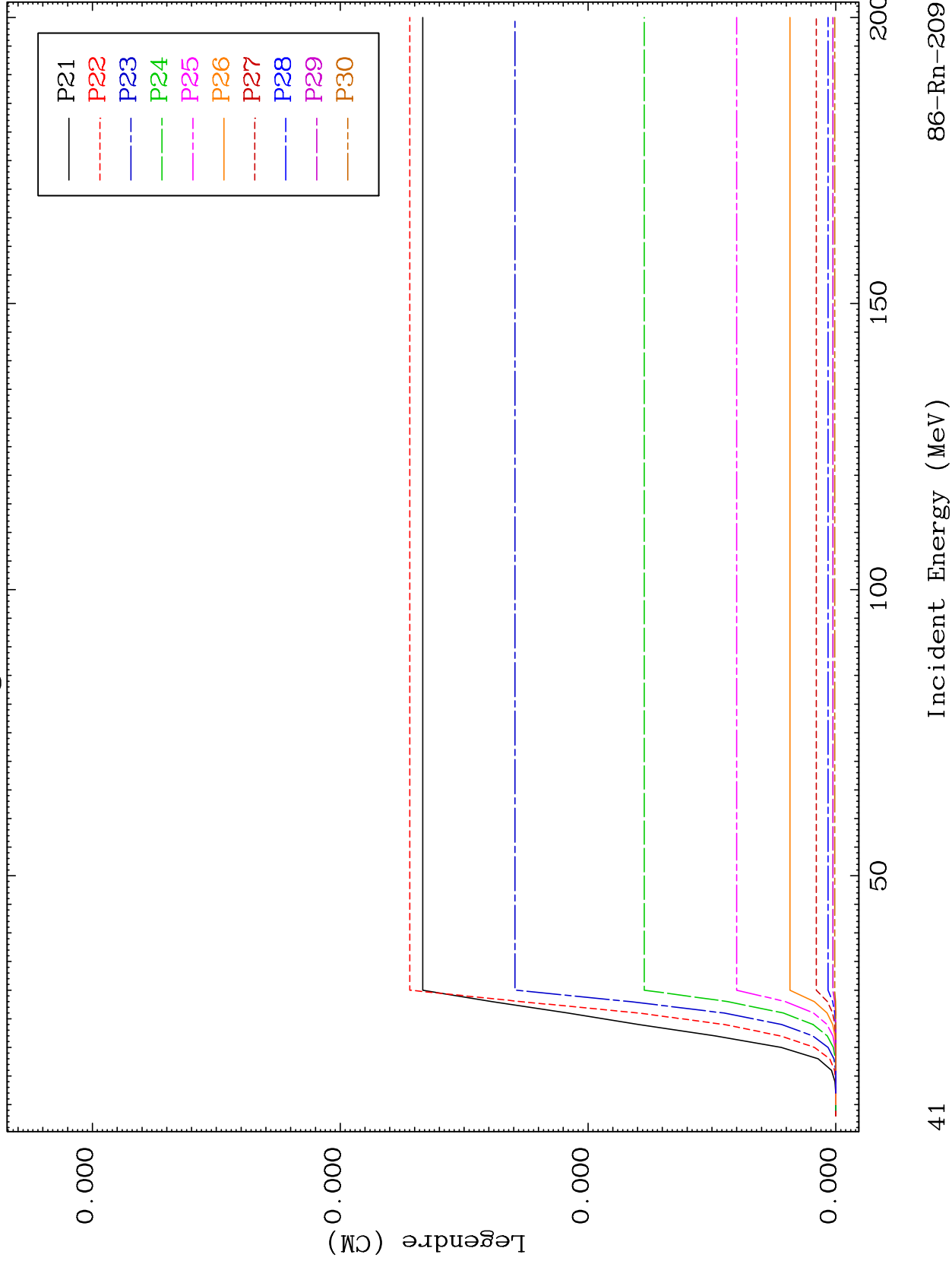
Incident Energy (MeV)

40

MAT 8619

1.466 MeV (n,n') Level Legendre Coefficients

86-Rn-209



41

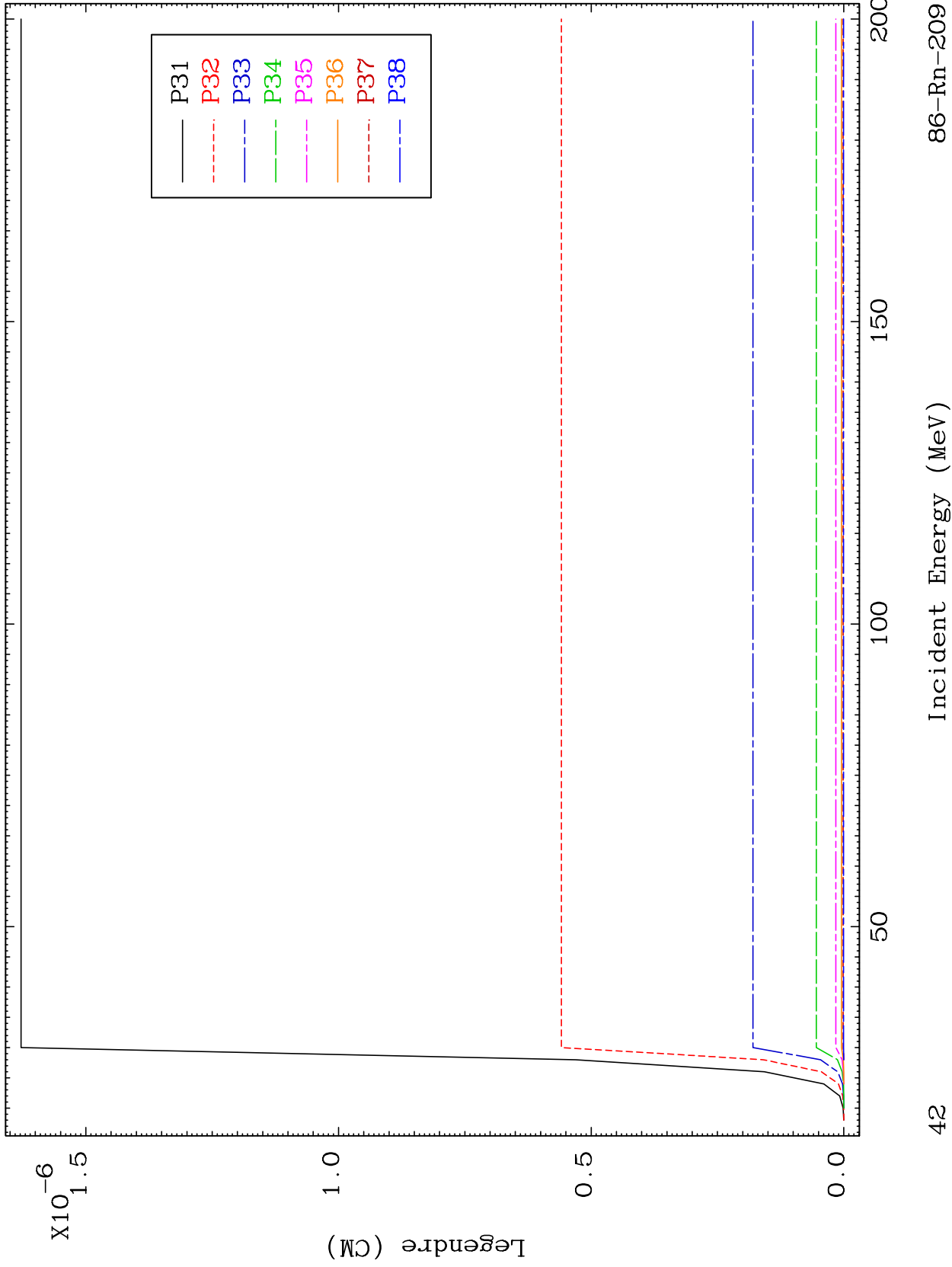
Incident Energy (MeV)

86-Rn-209

MAT 8619

1.466 MeV (n,n') Level
Legendre Coefficients

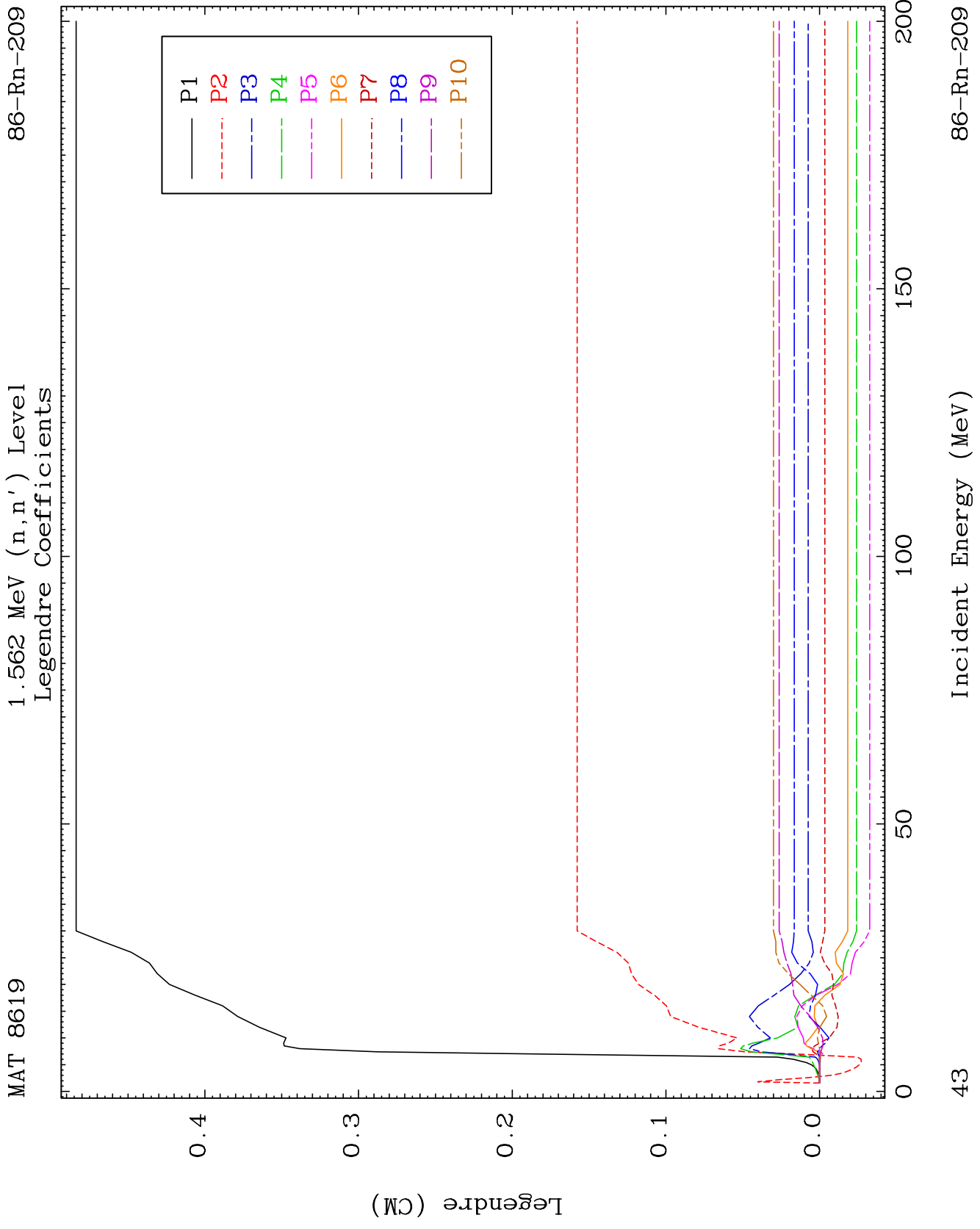
86-Rn-209



42

Incident Energy (MeV)

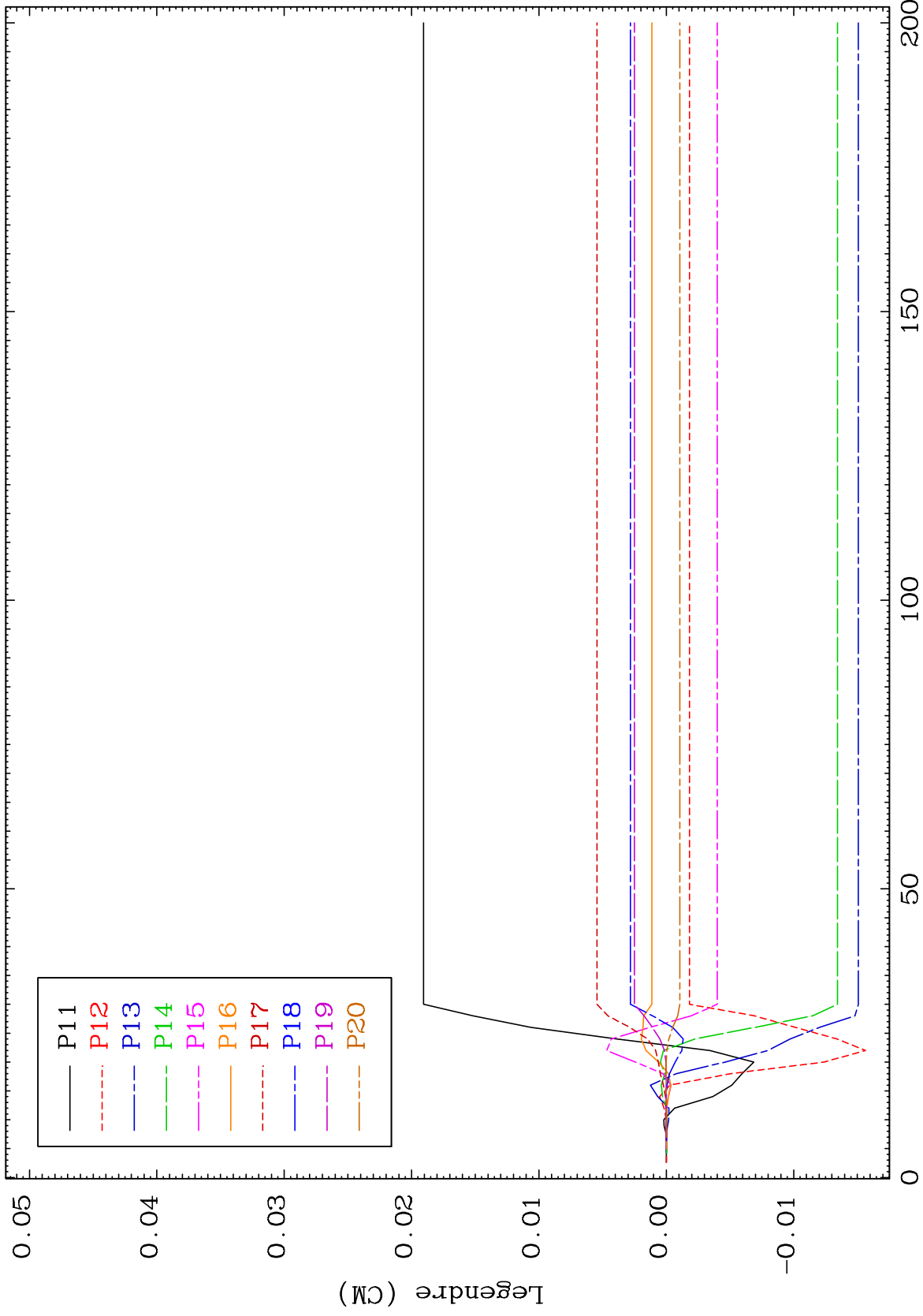
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MAT 8619

1.562 MeV (n,n') Level
Legendre Coefficients

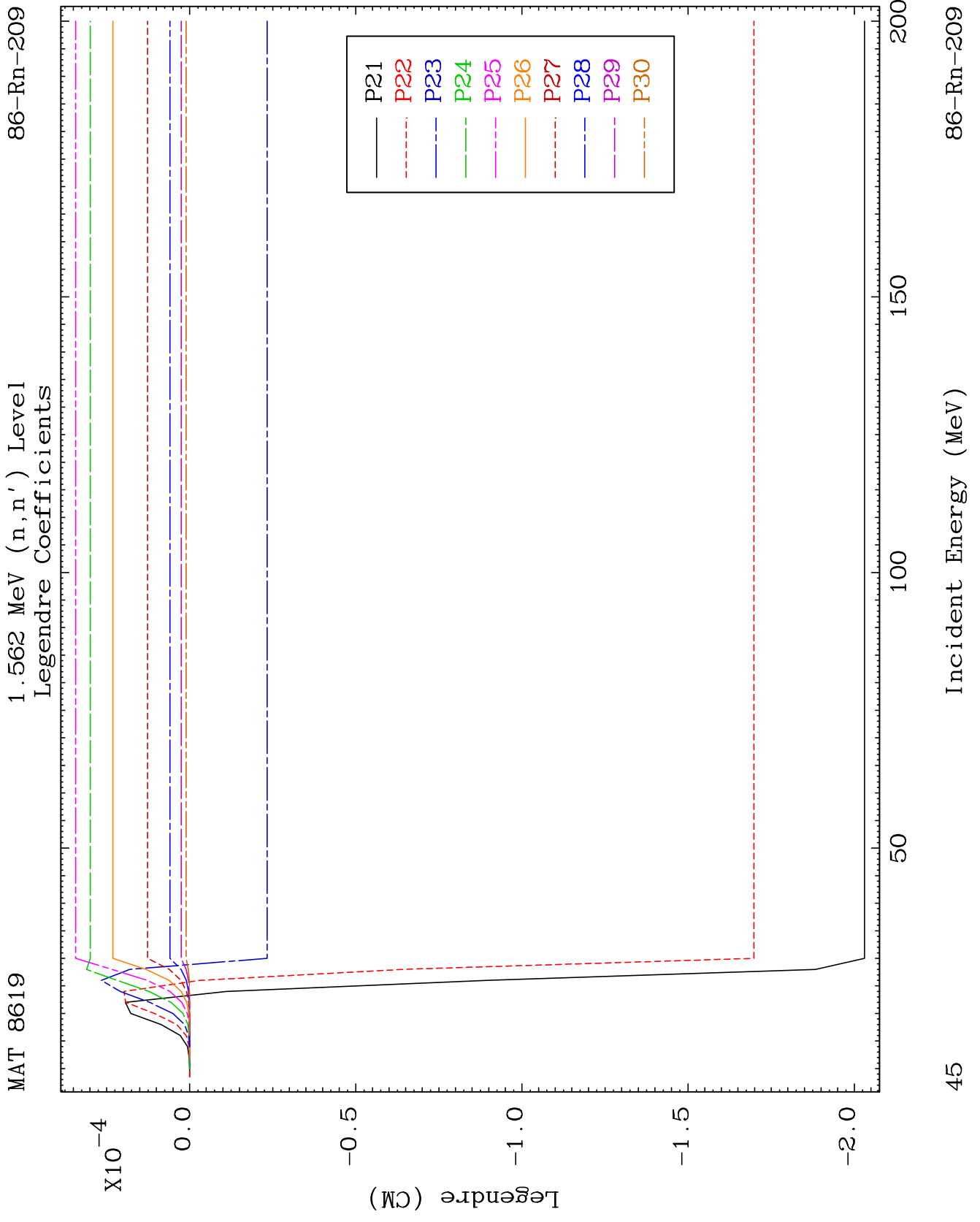
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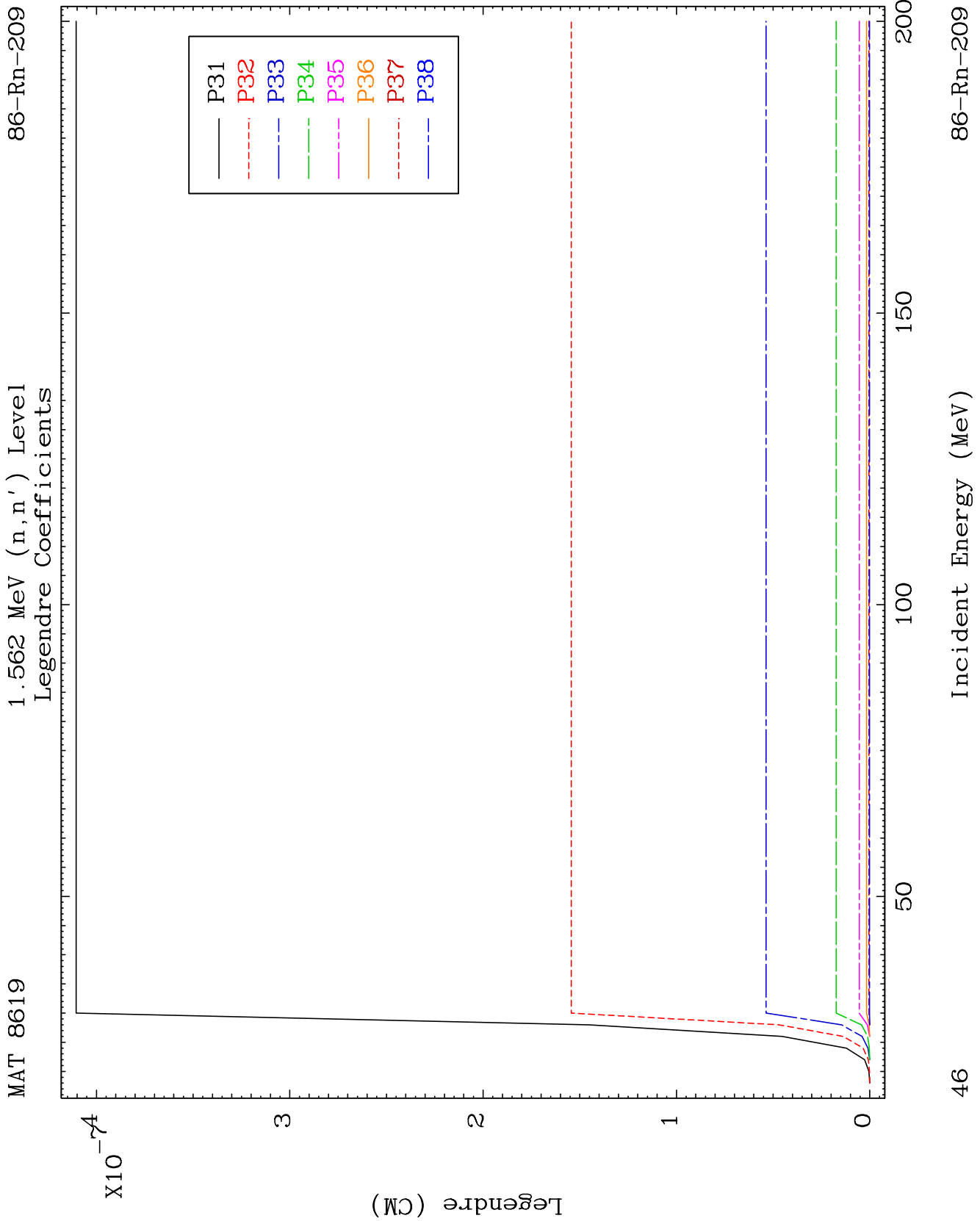


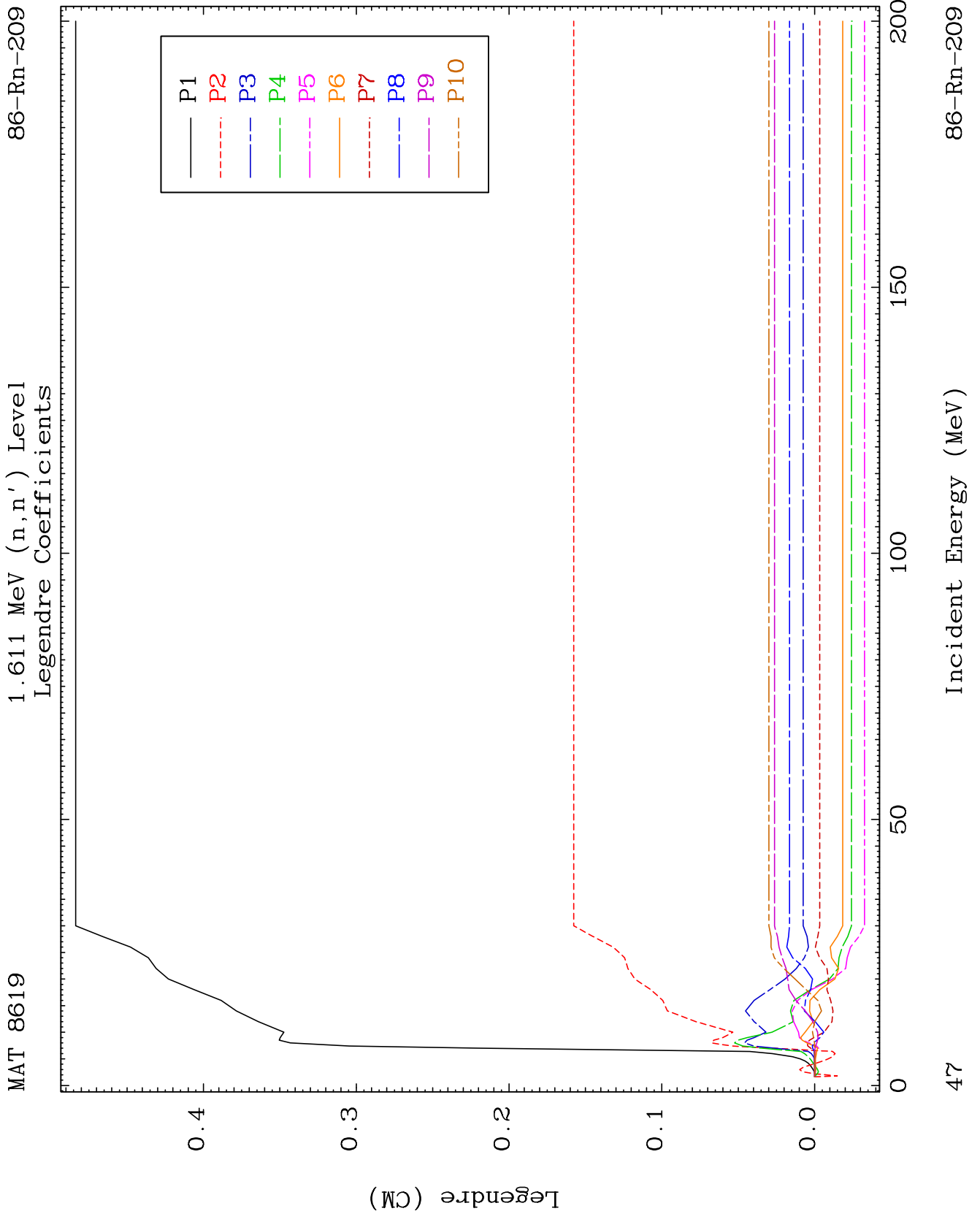
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Incident Energy (MeV)

86-Rn-209



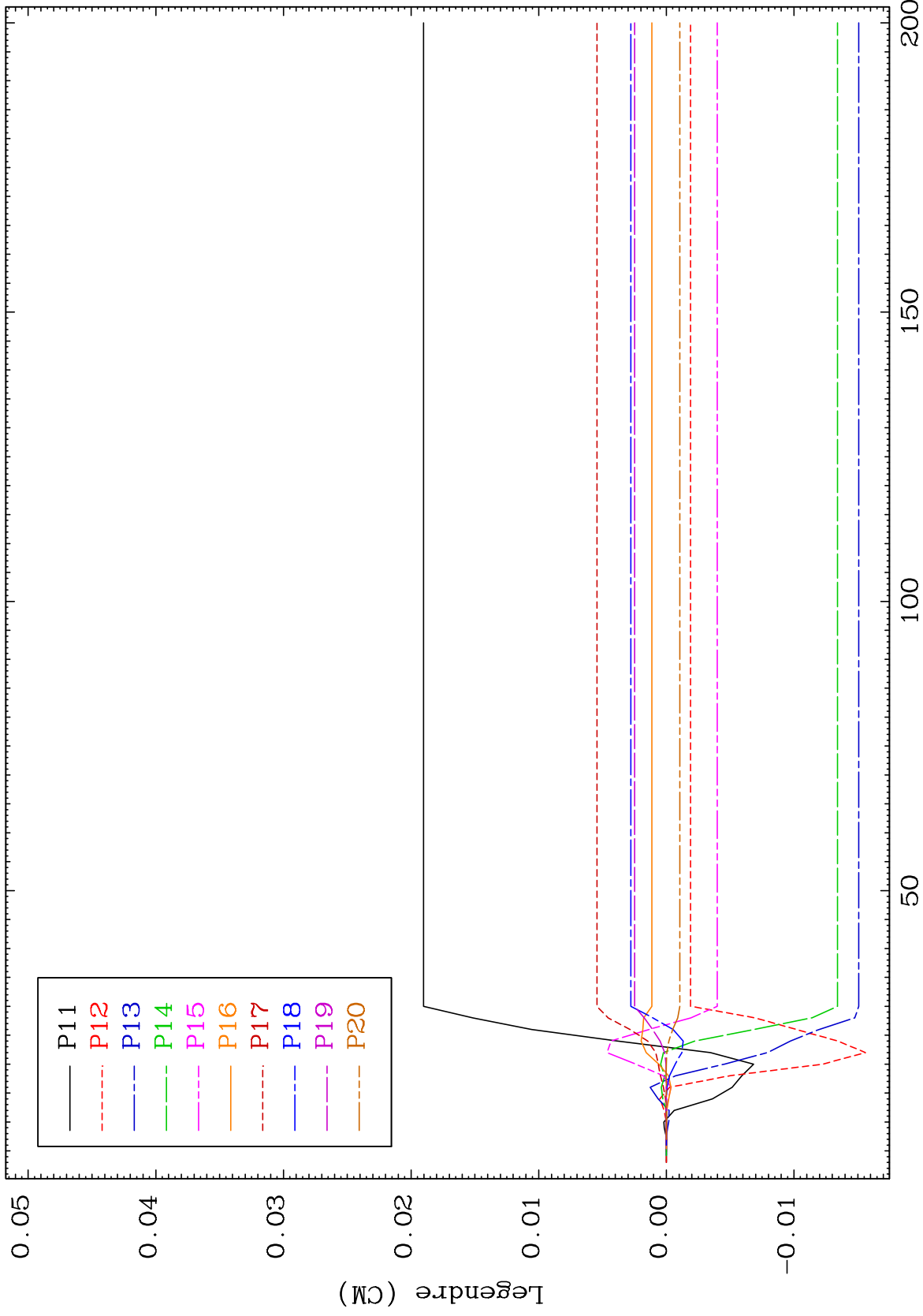




MAT 8619

1.611 MeV (n,n') Level
Legendre Coefficients

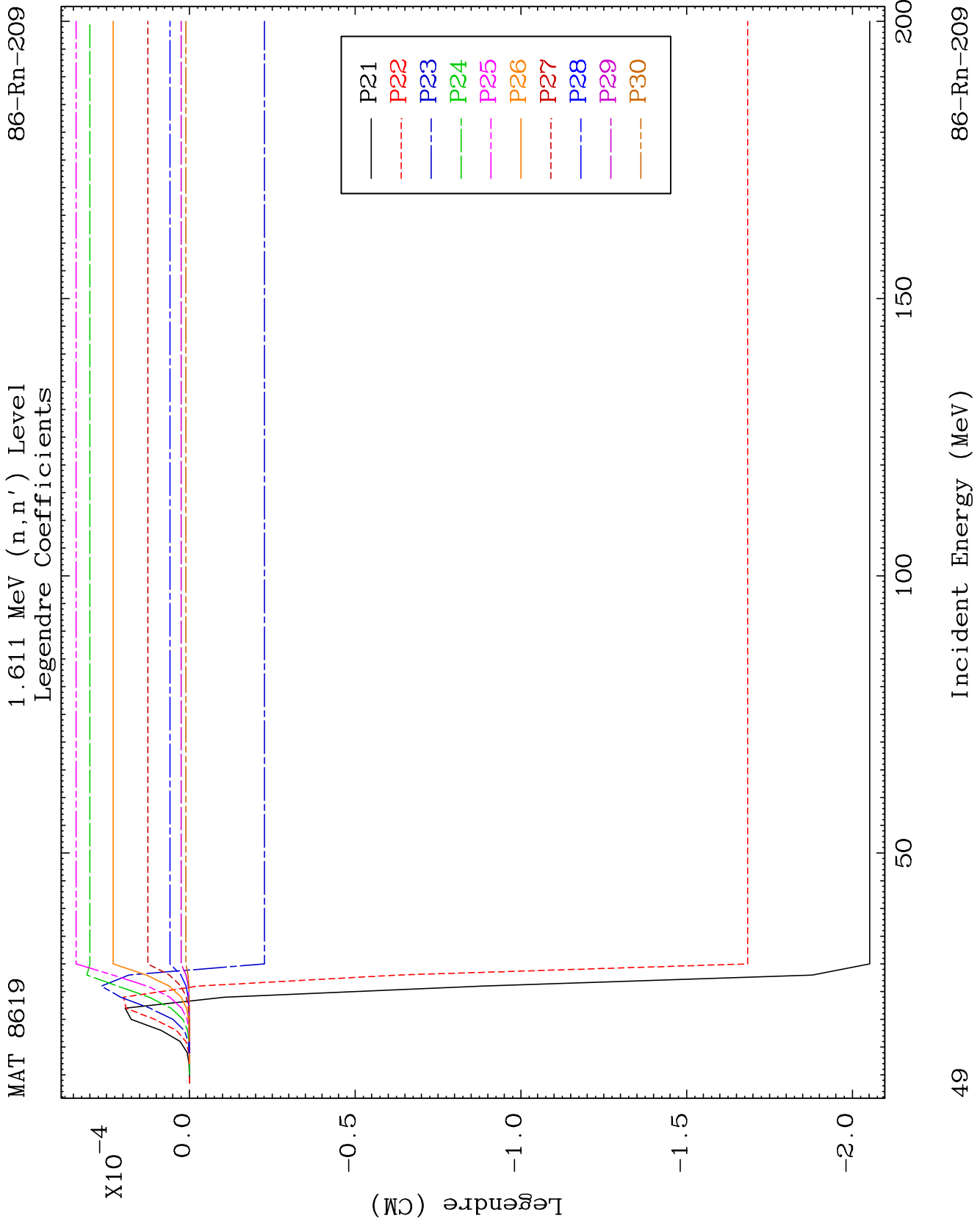
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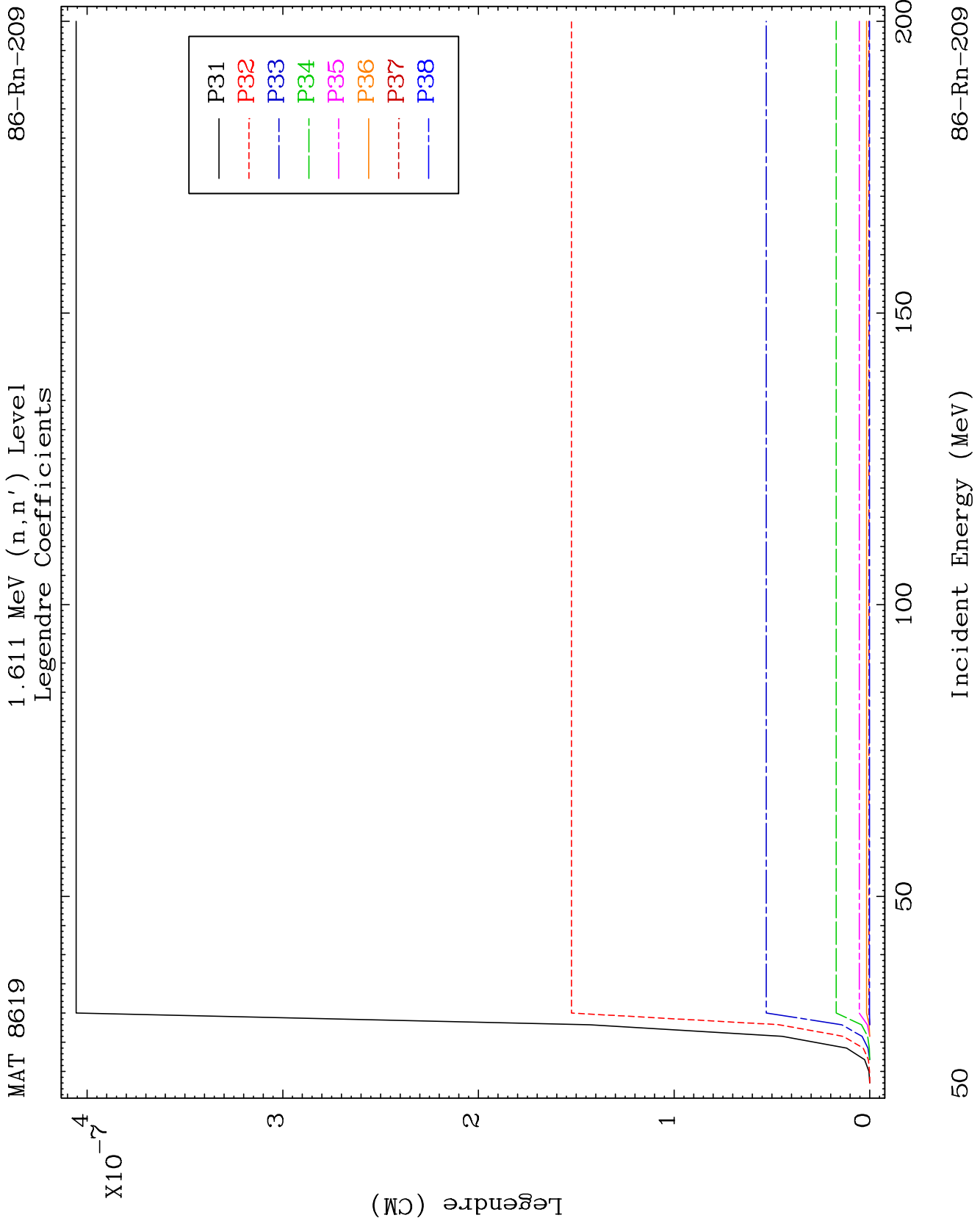


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Incident Energy (MeV)

86-Rn-209

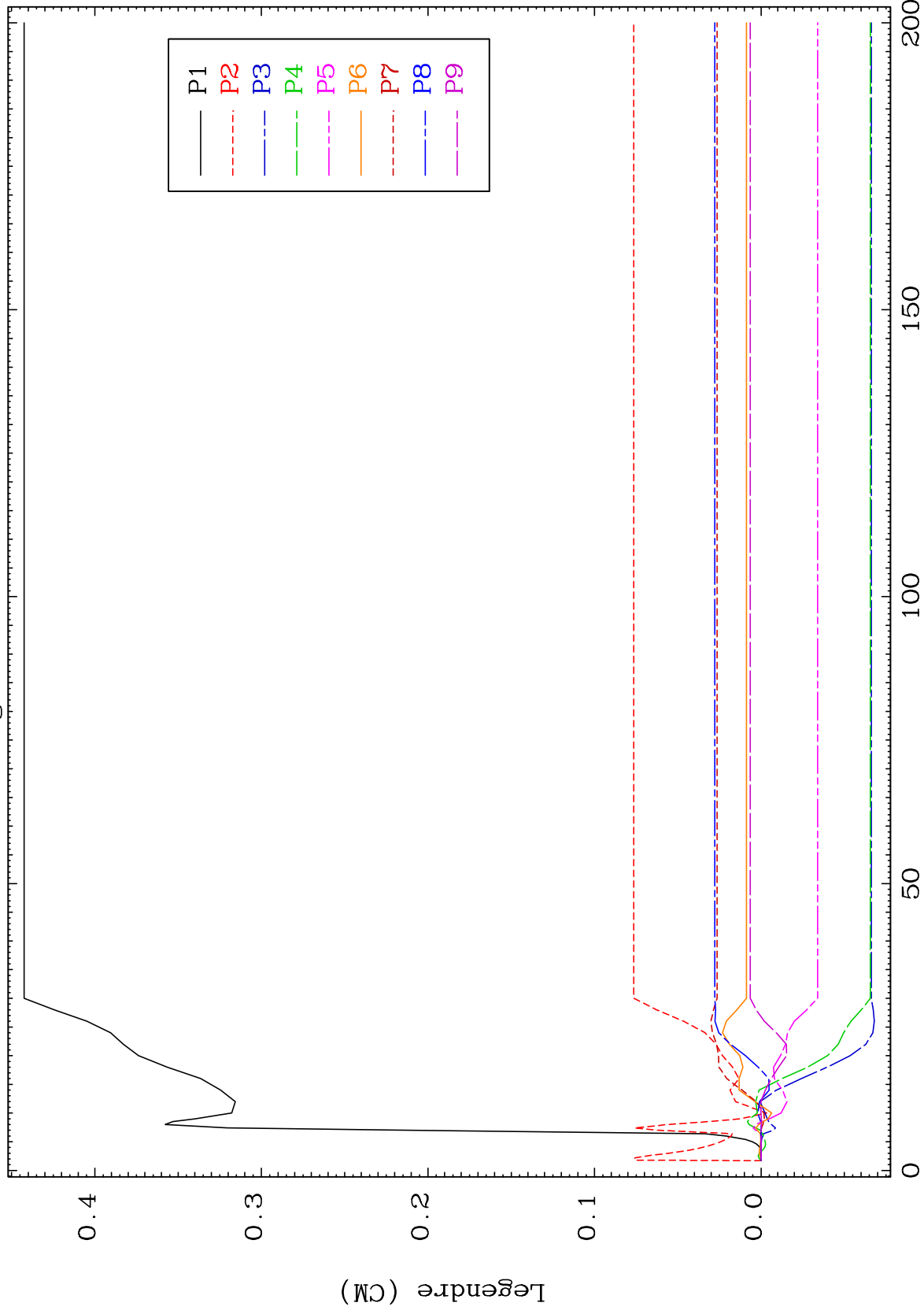




MAT 8619

1.687 MeV (n,n') Level Legendre Coefficients

86-Rn-209



51

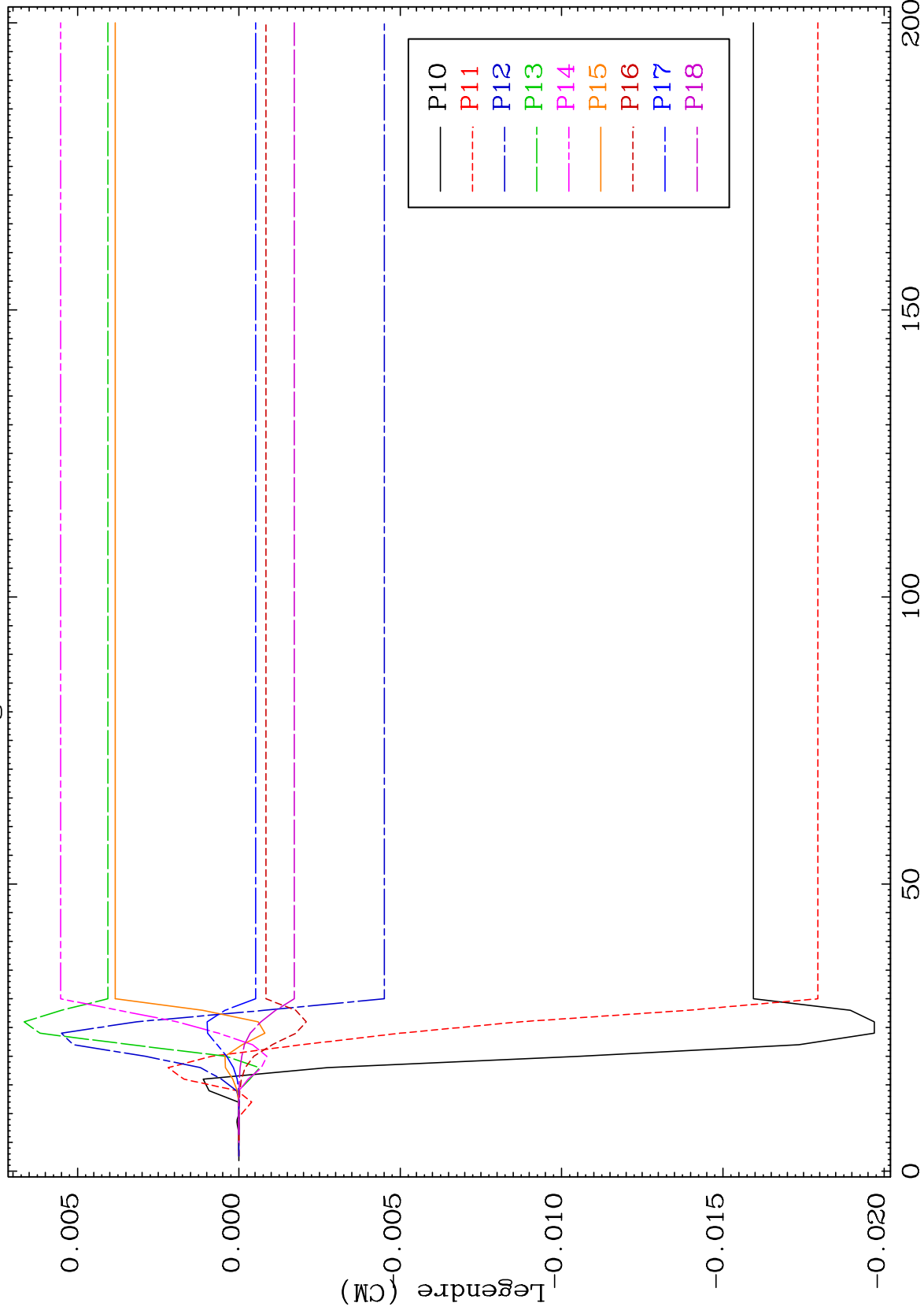
Incident Energy (MeV)

86-Rn-209

MAT 8619

1.687 MeV (n,n') Level
Legendre Coefficients

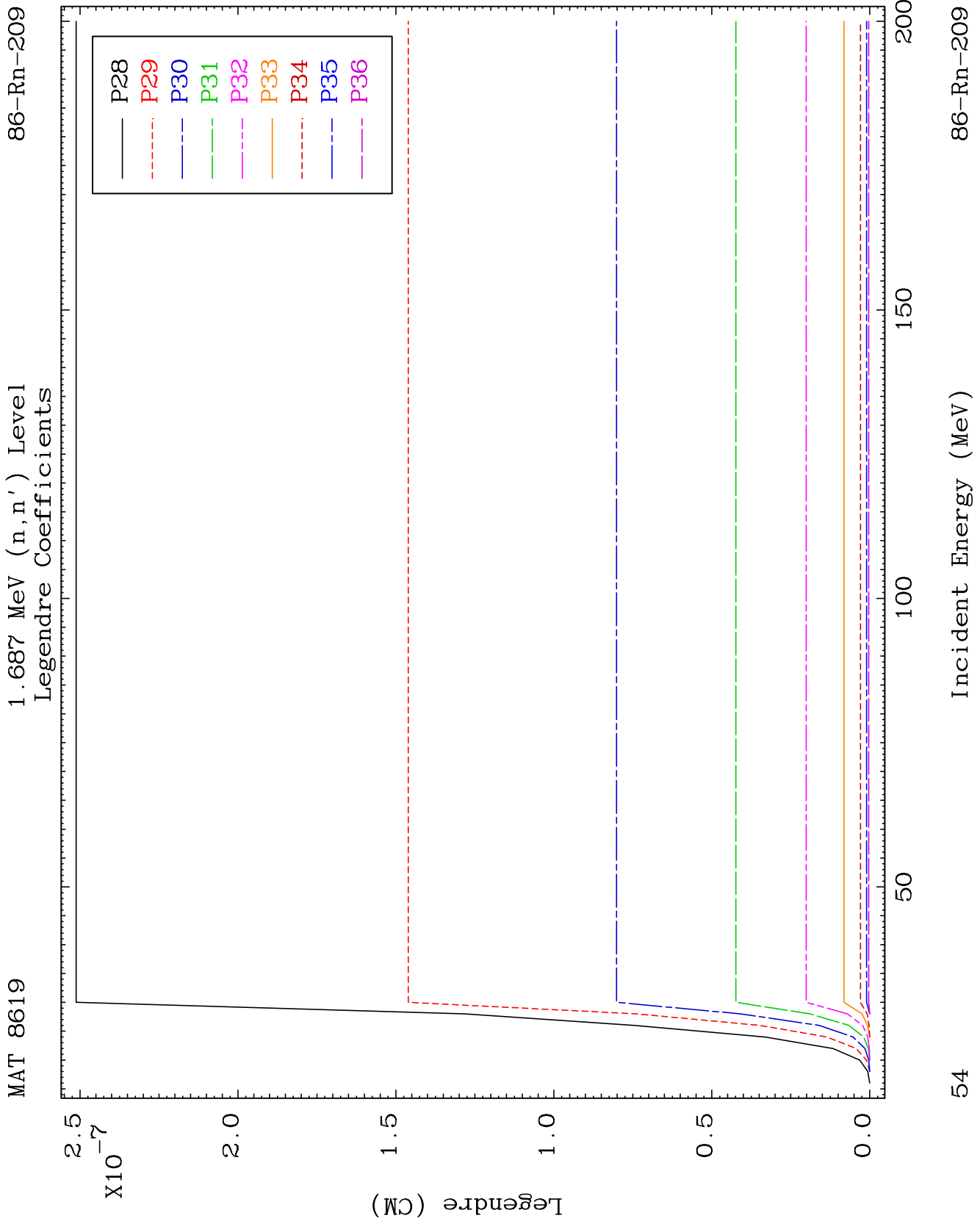
86-Rn-209



52

Incident Energy (MeV)

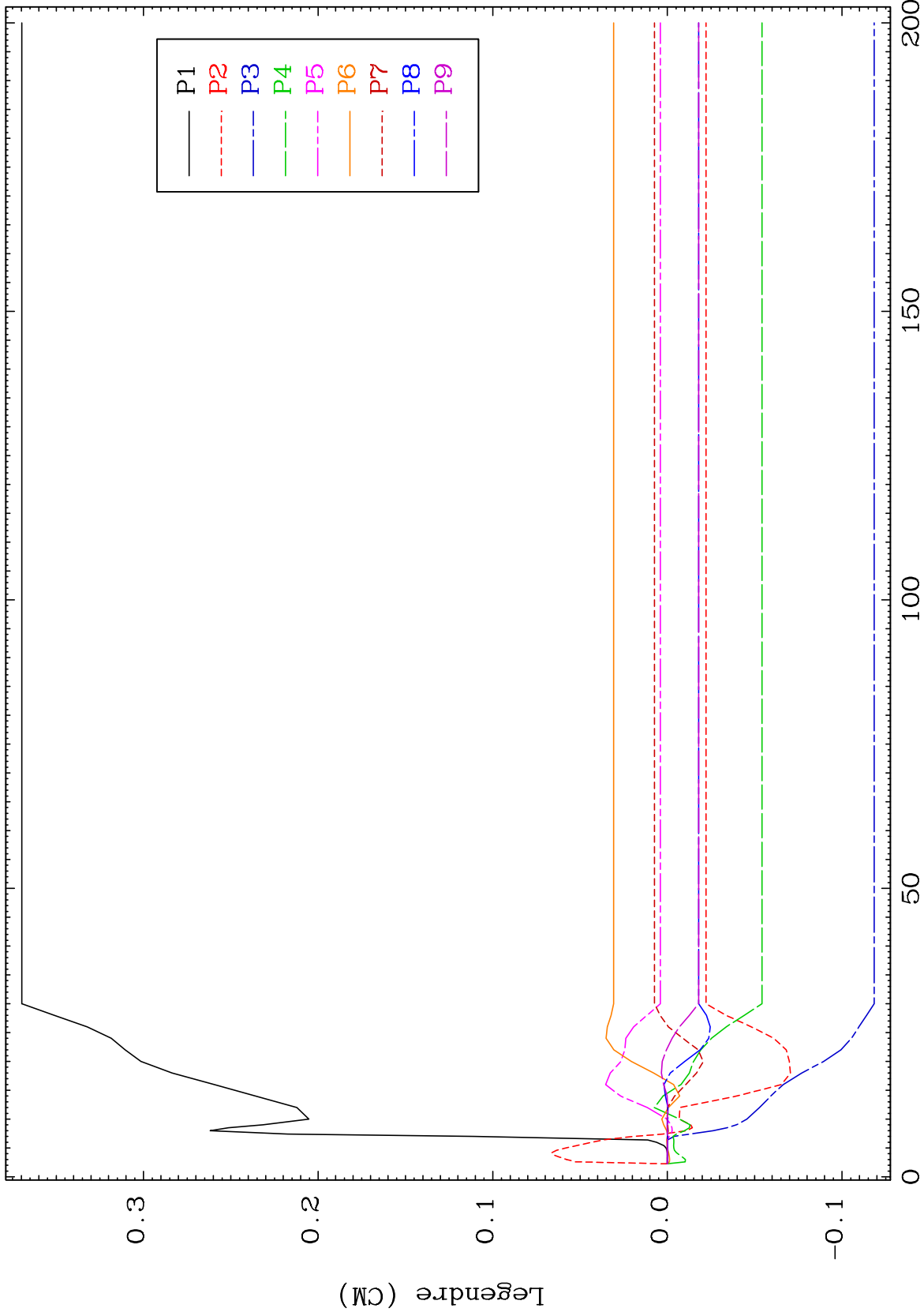
86-Rn-209



MAT 8619

2.238 MeV (n,n') Level
Legendre Coefficients

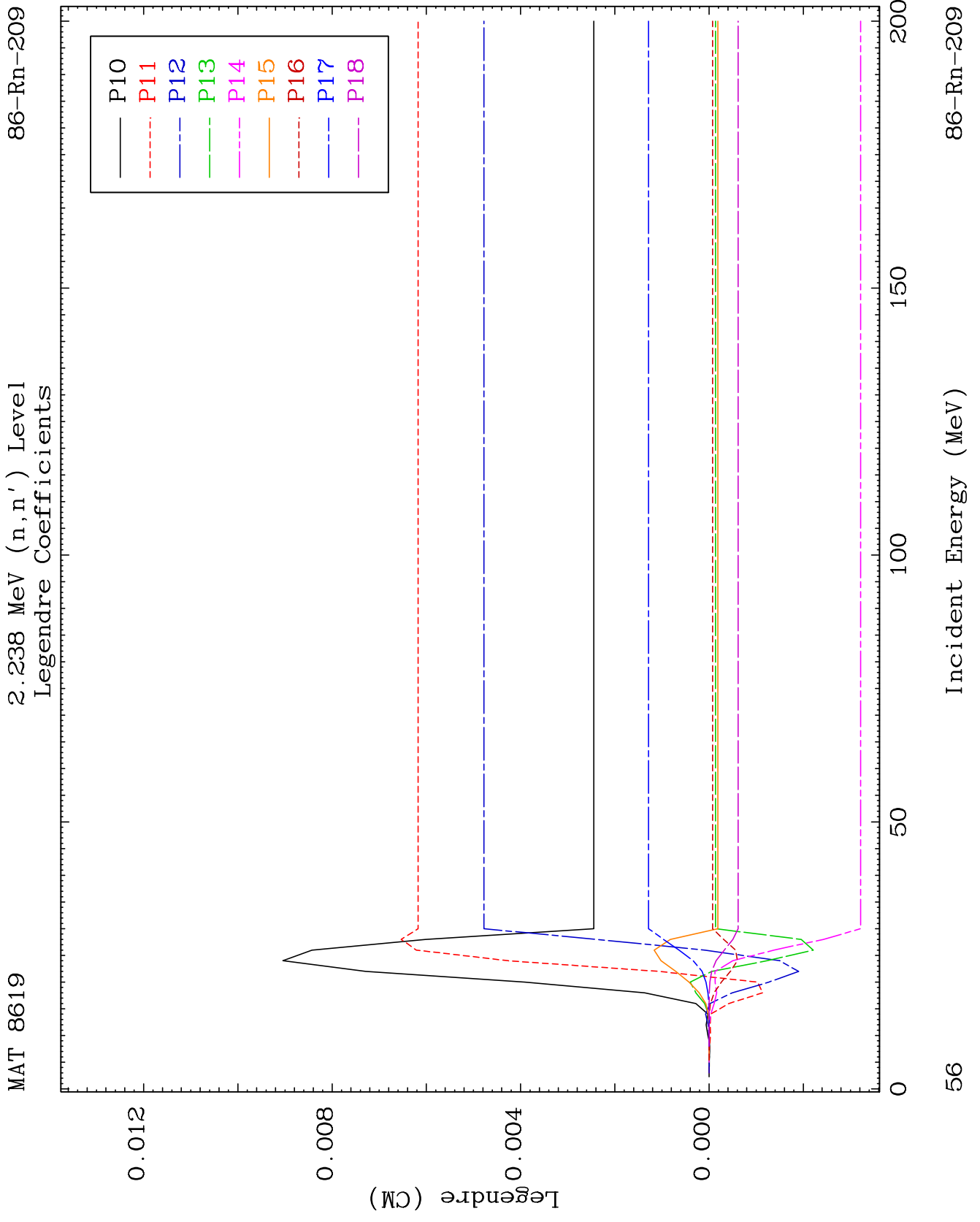
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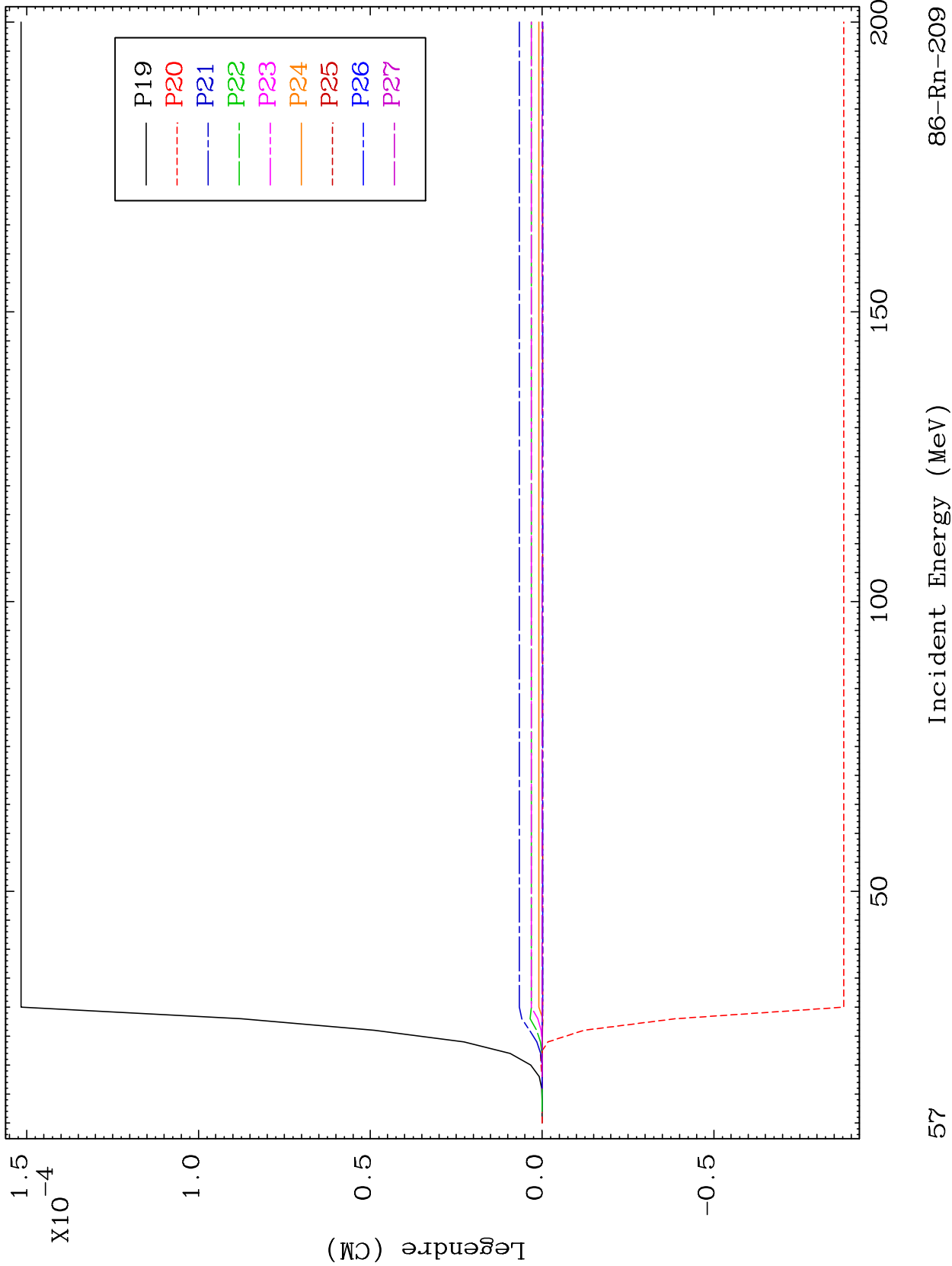


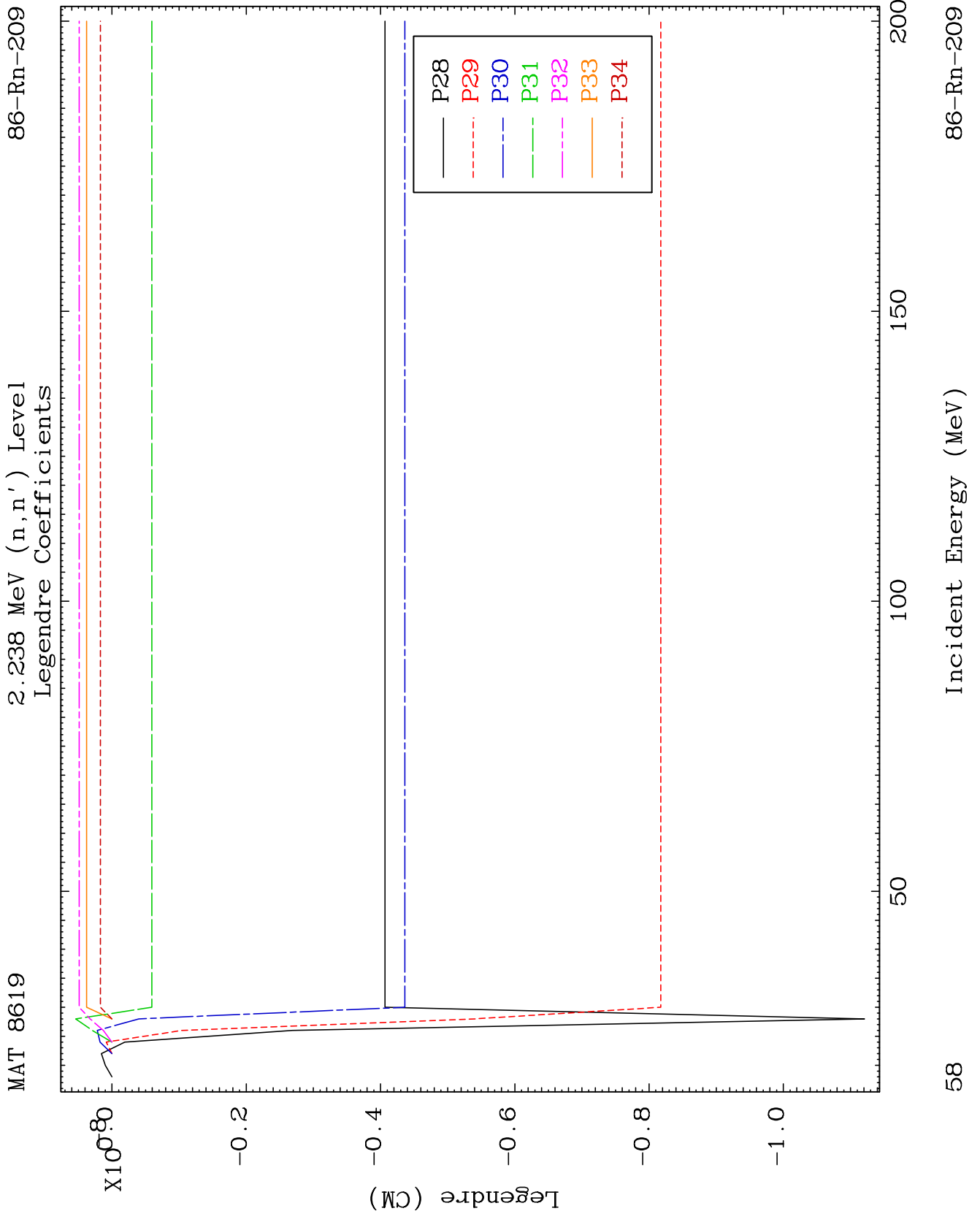
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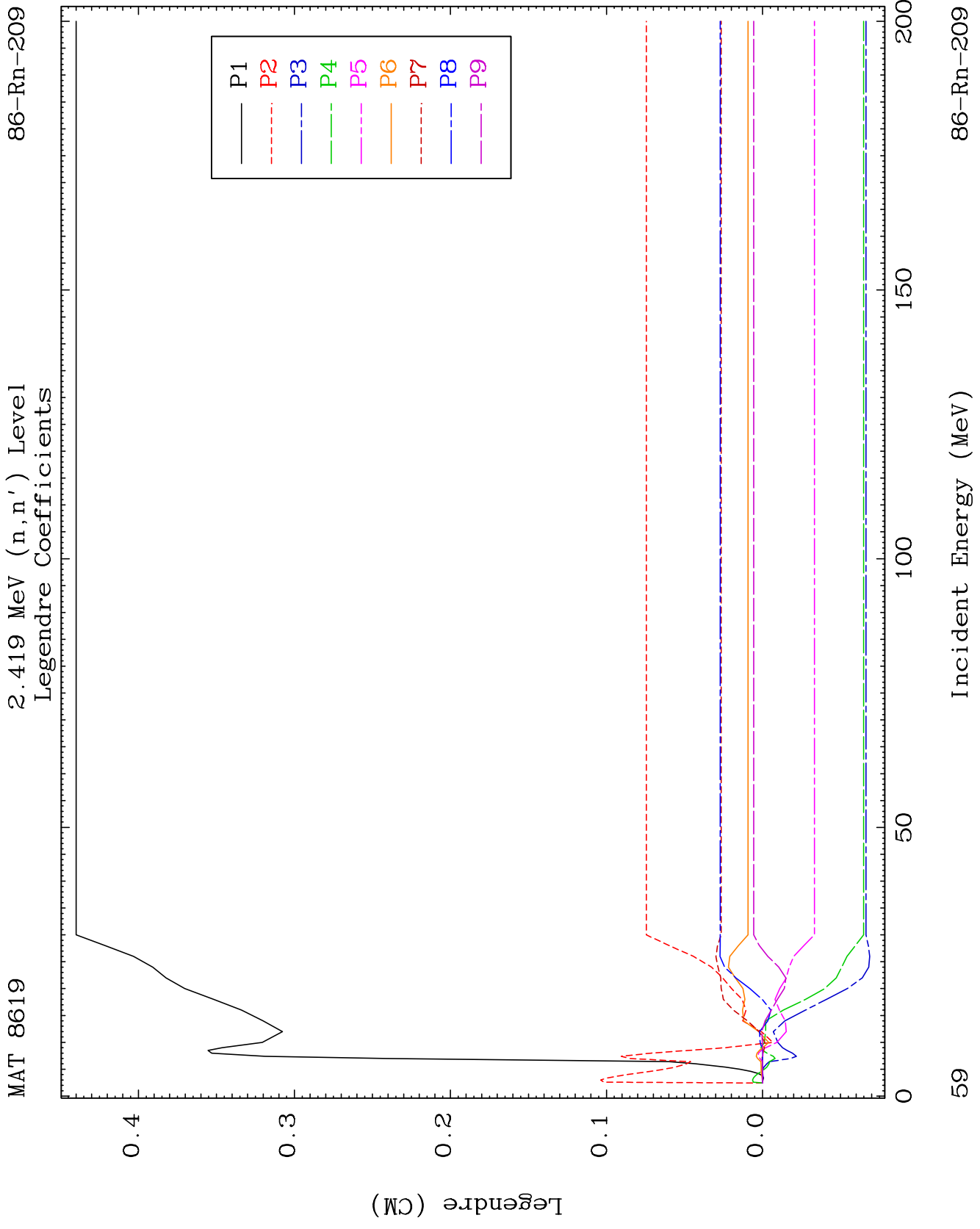
Incident Energy (MeV)

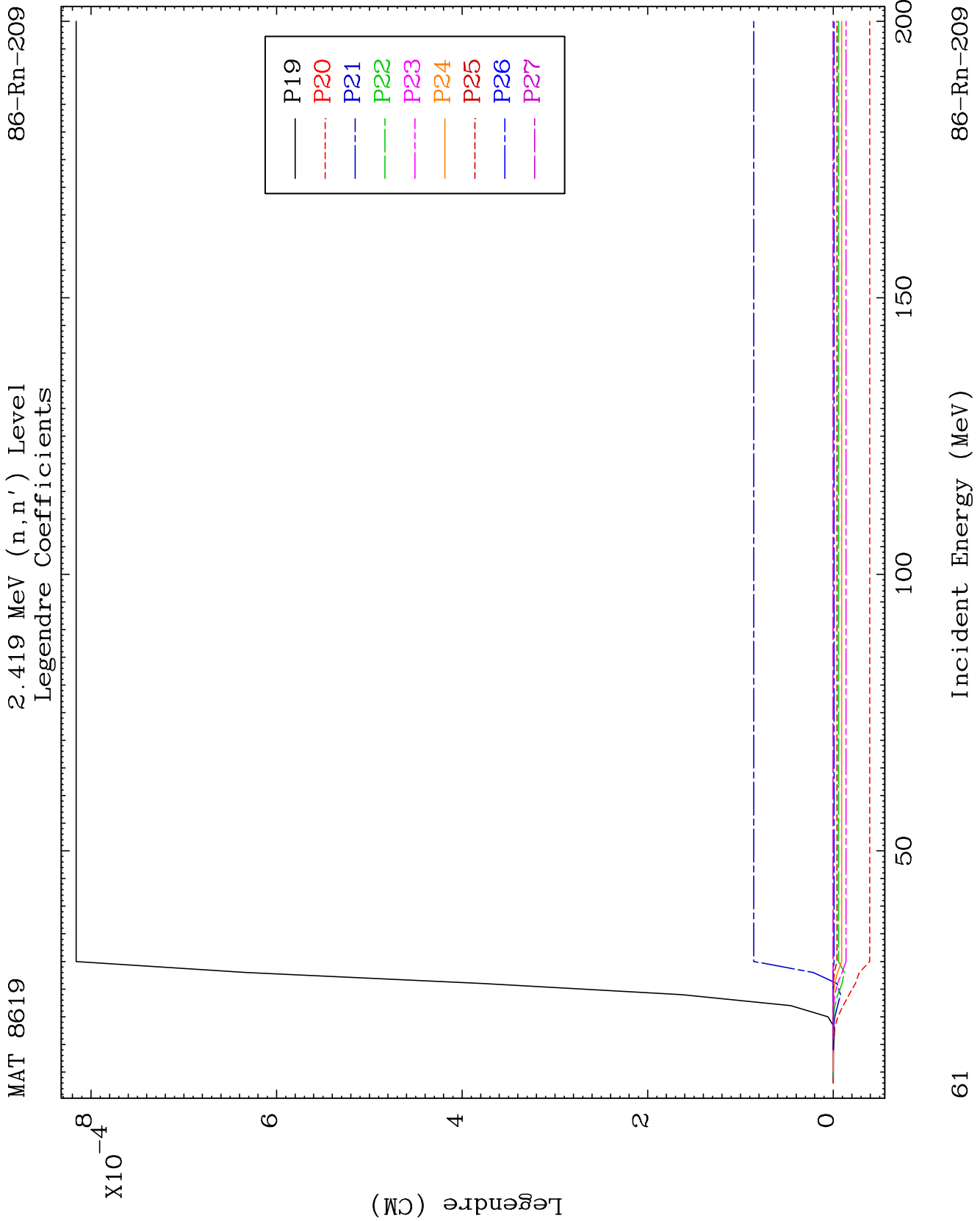
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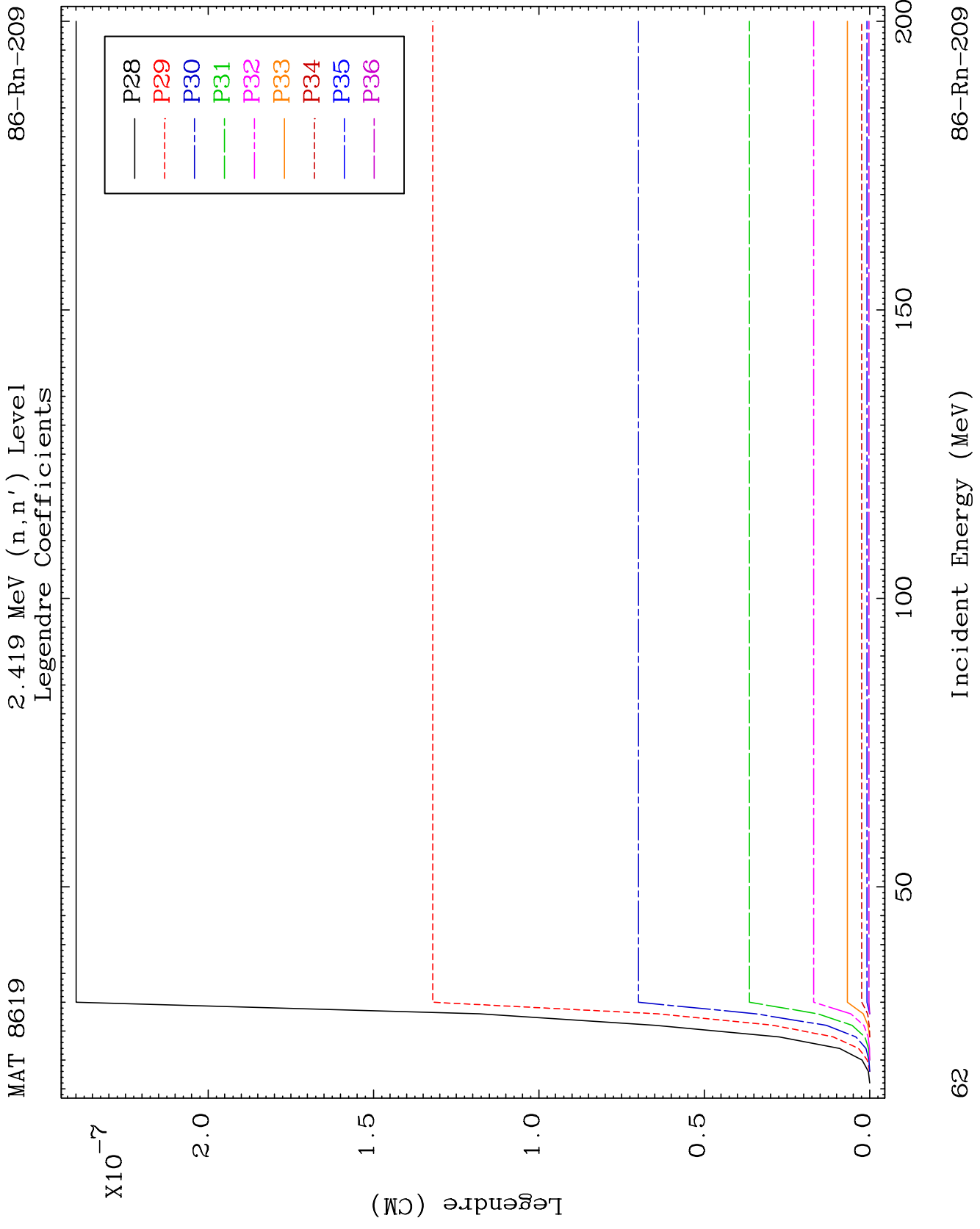








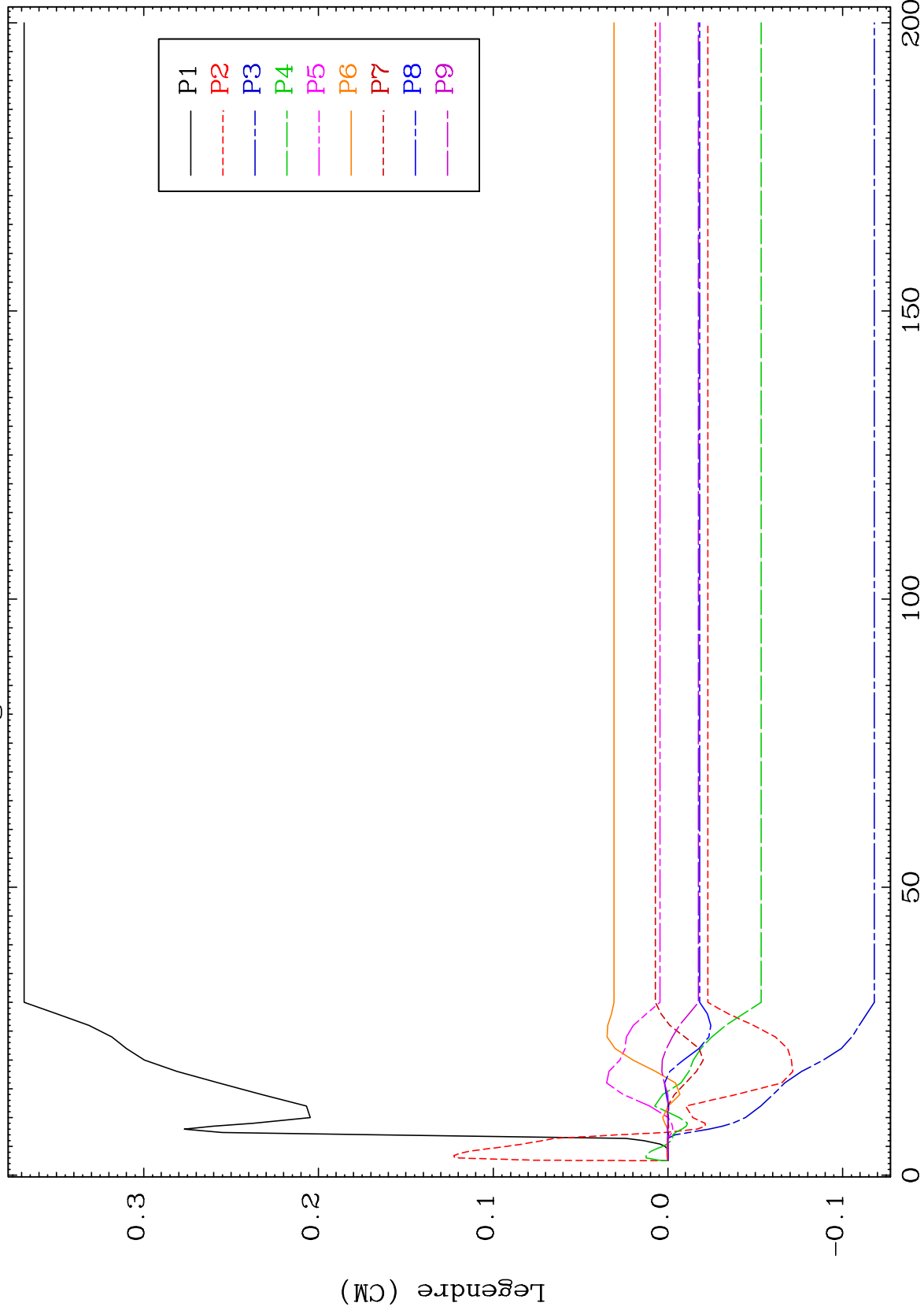




MAT 8619

2.501 MeV (n,n') Level
Legendre Coefficients

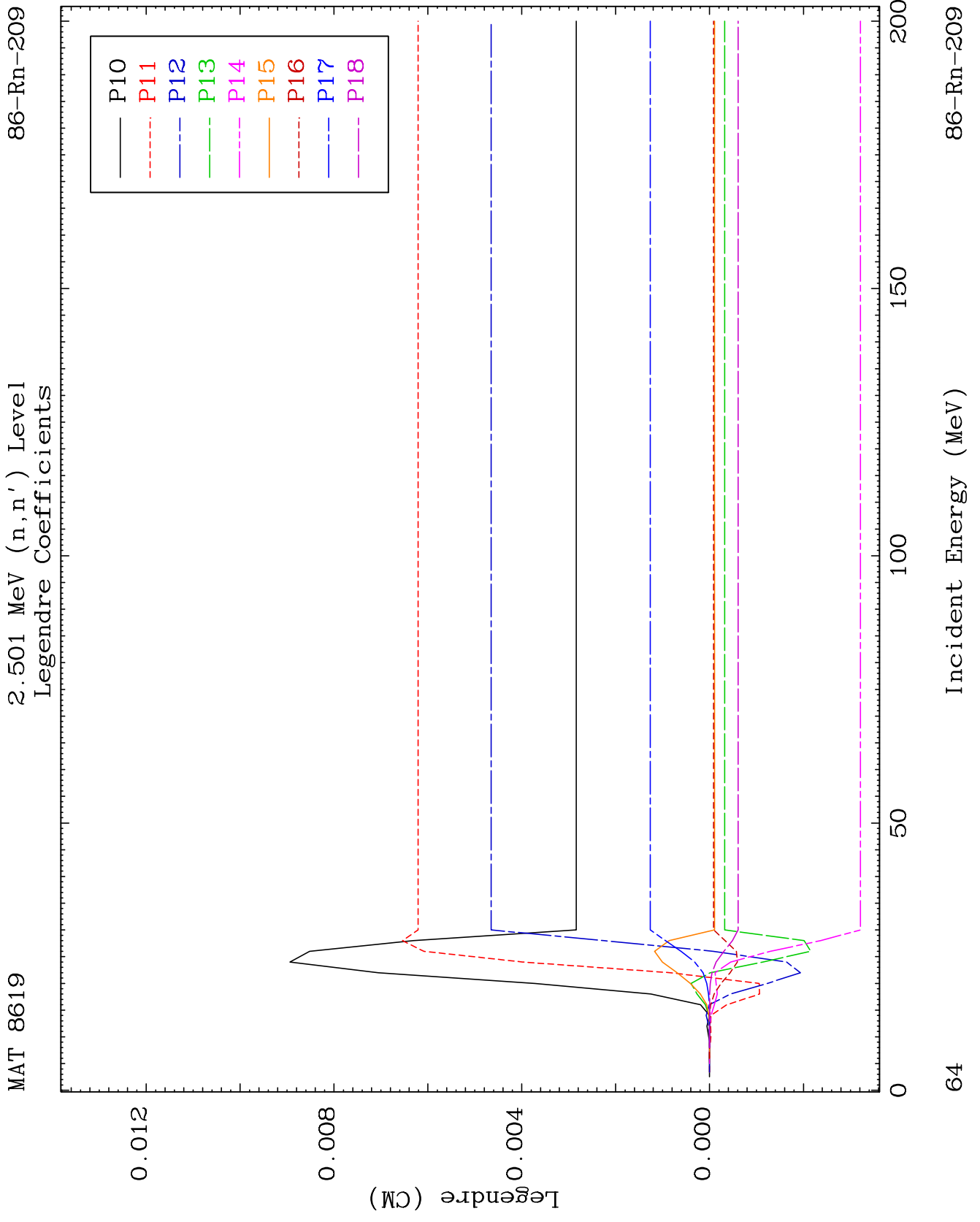
86-Rn-209



63

Incident Energy (MeV)

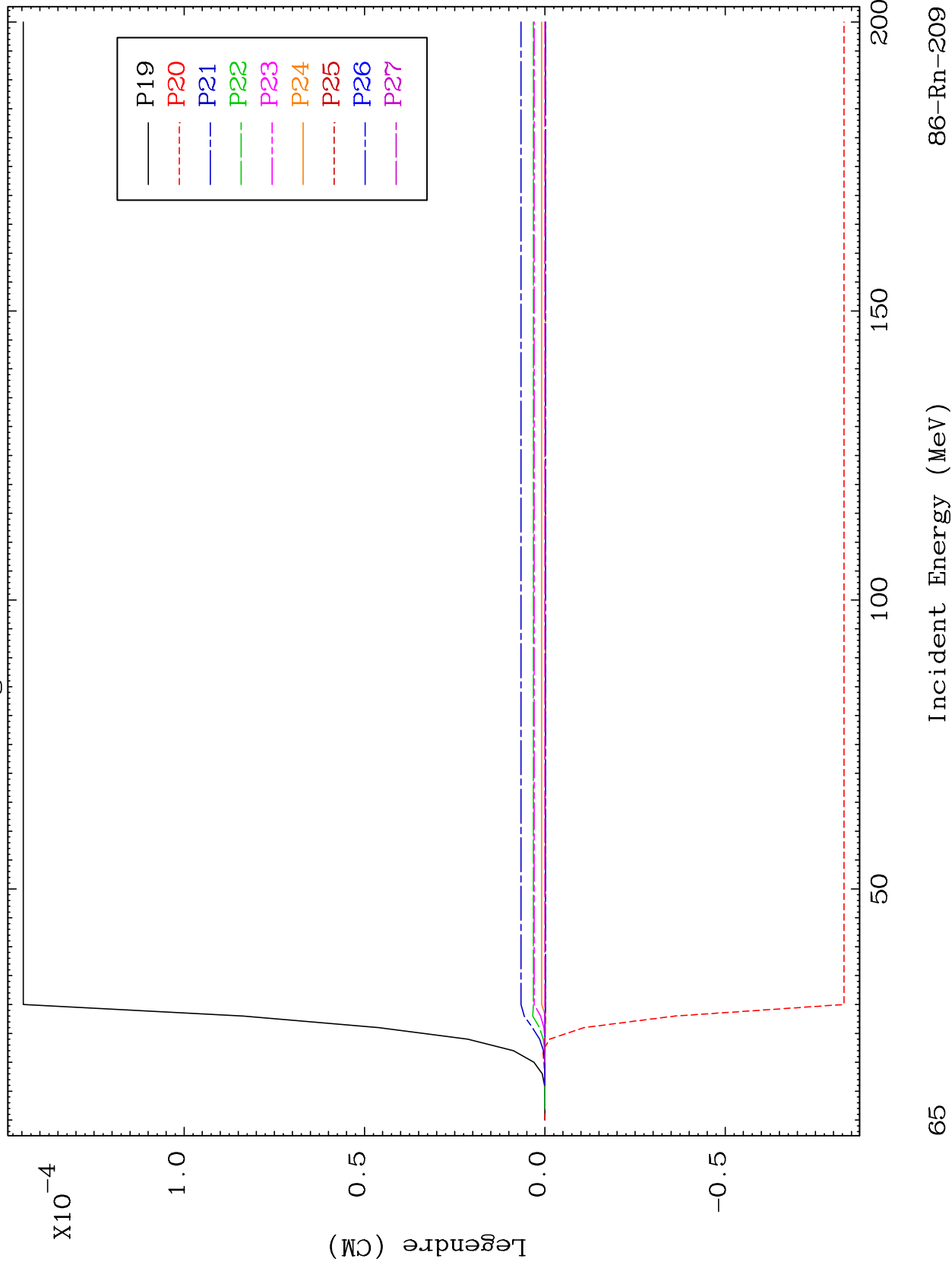
86-Rn-209



MAT 8619

2.501 MeV (n,n') Level
Legendre Coefficients

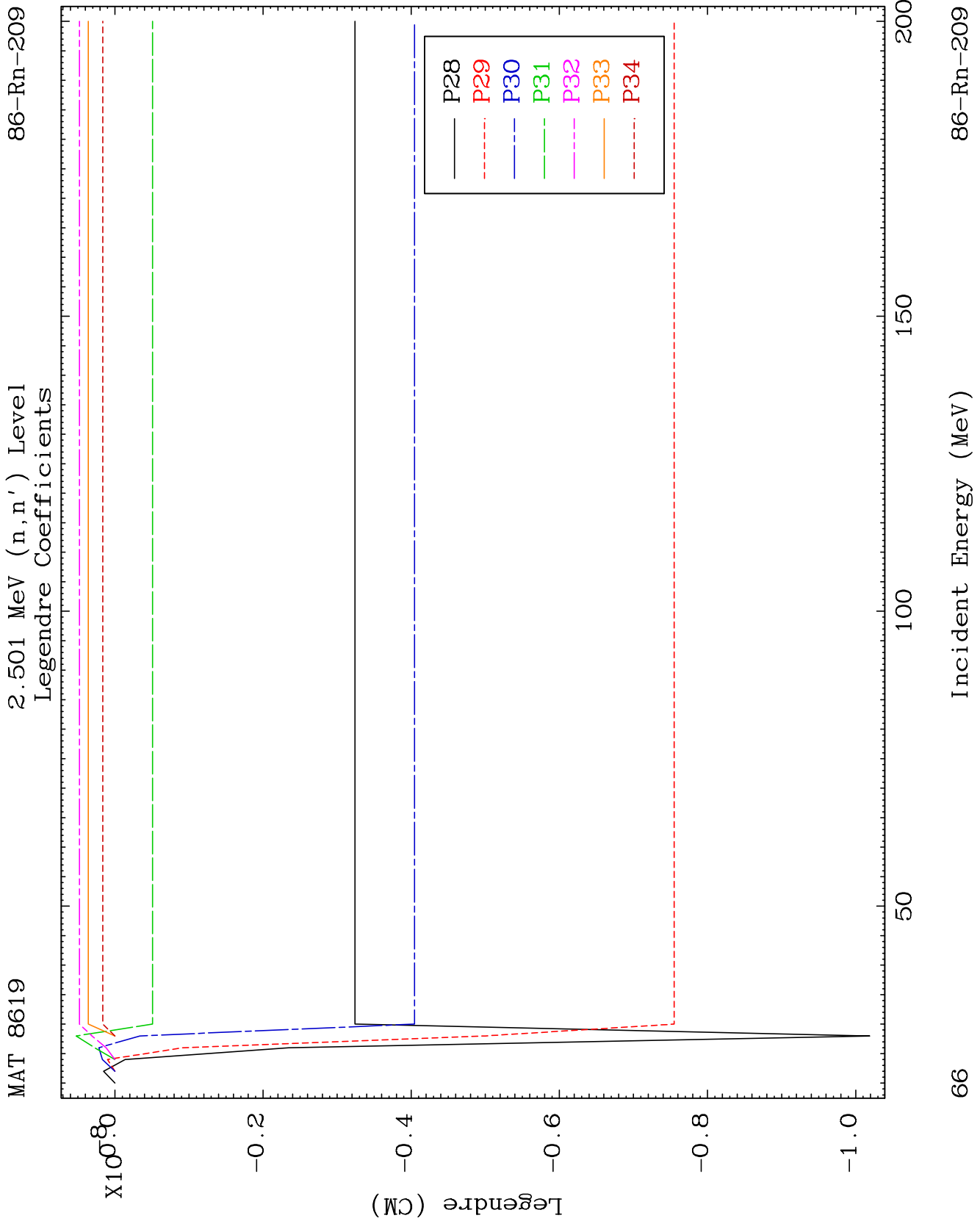
86-Rn-209



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Incident Energy (MeV)

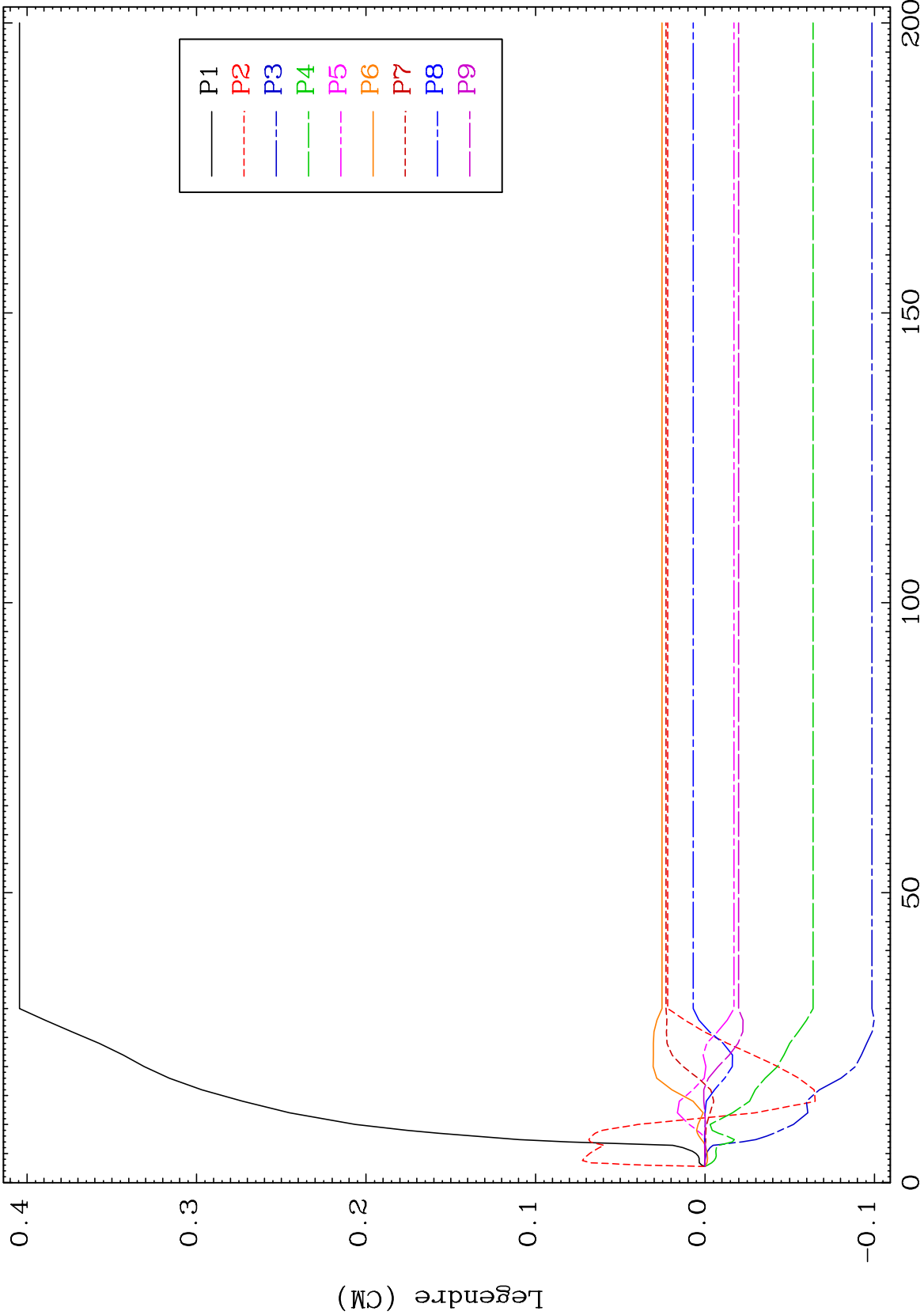
86-Rn-209



MAT 8619

2.744 MeV (n,n') Level
Legendre Coefficients

86-Rn-209



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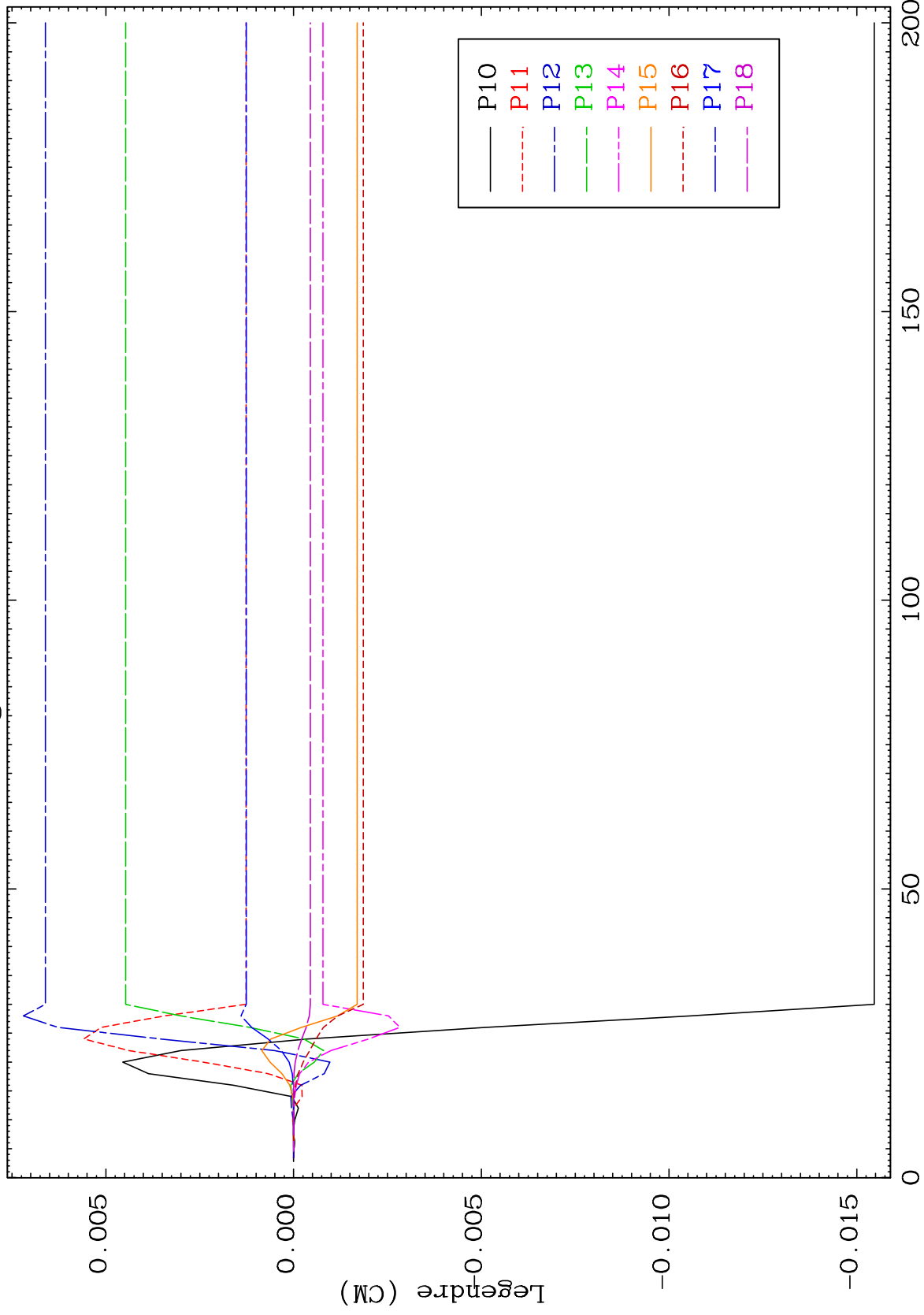
Incident Energy (MeV)

86-Rn-209

MAT 8619

2.744 MeV (n,n') Level
Legendre Coefficients

86-Rn-209



68

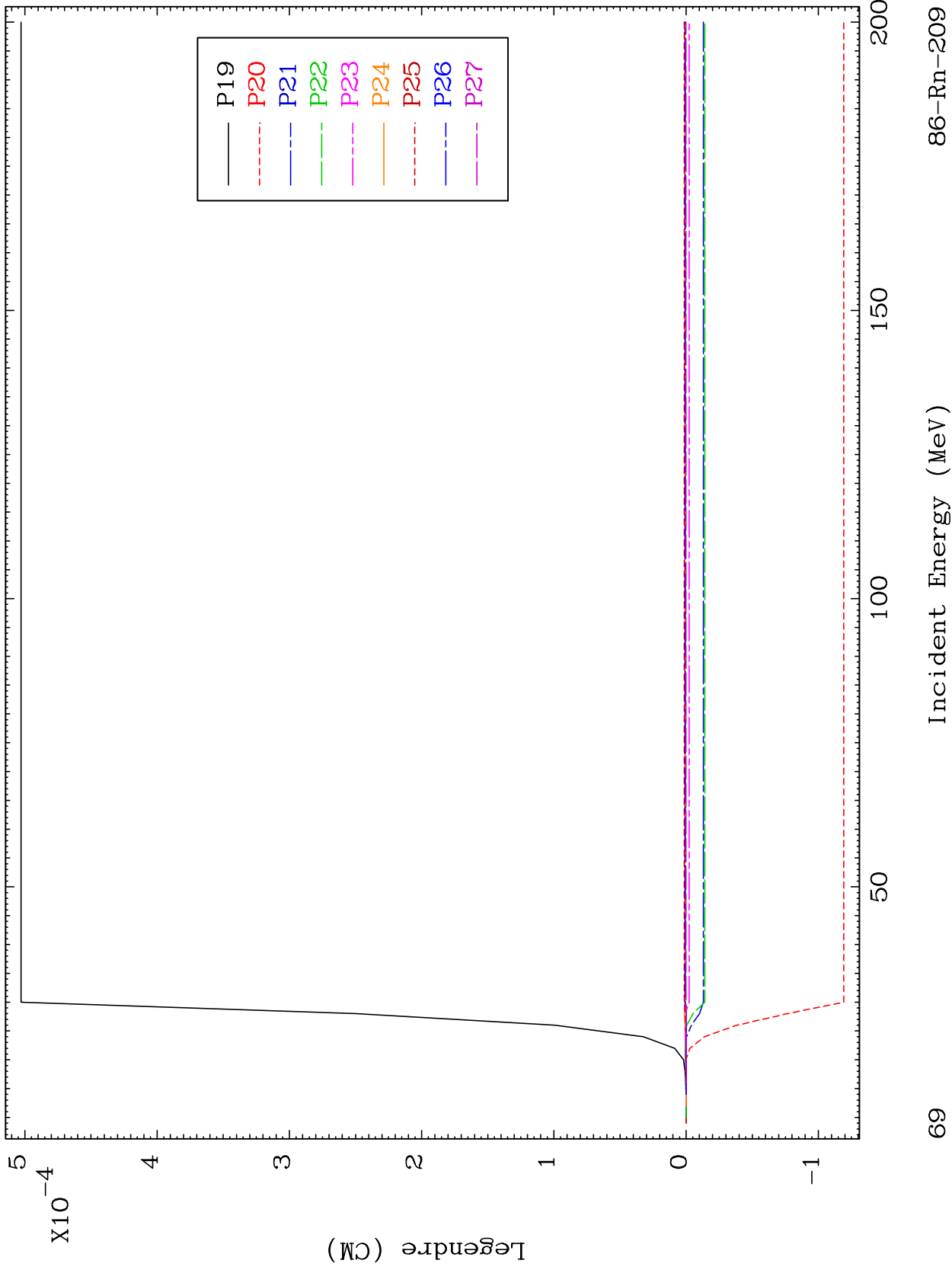
Incident Energy (MeV)

86-Rn-209

MAT 8619

2.744 MeV (n,n') Level
Legendre Coefficients

86-Rn-209



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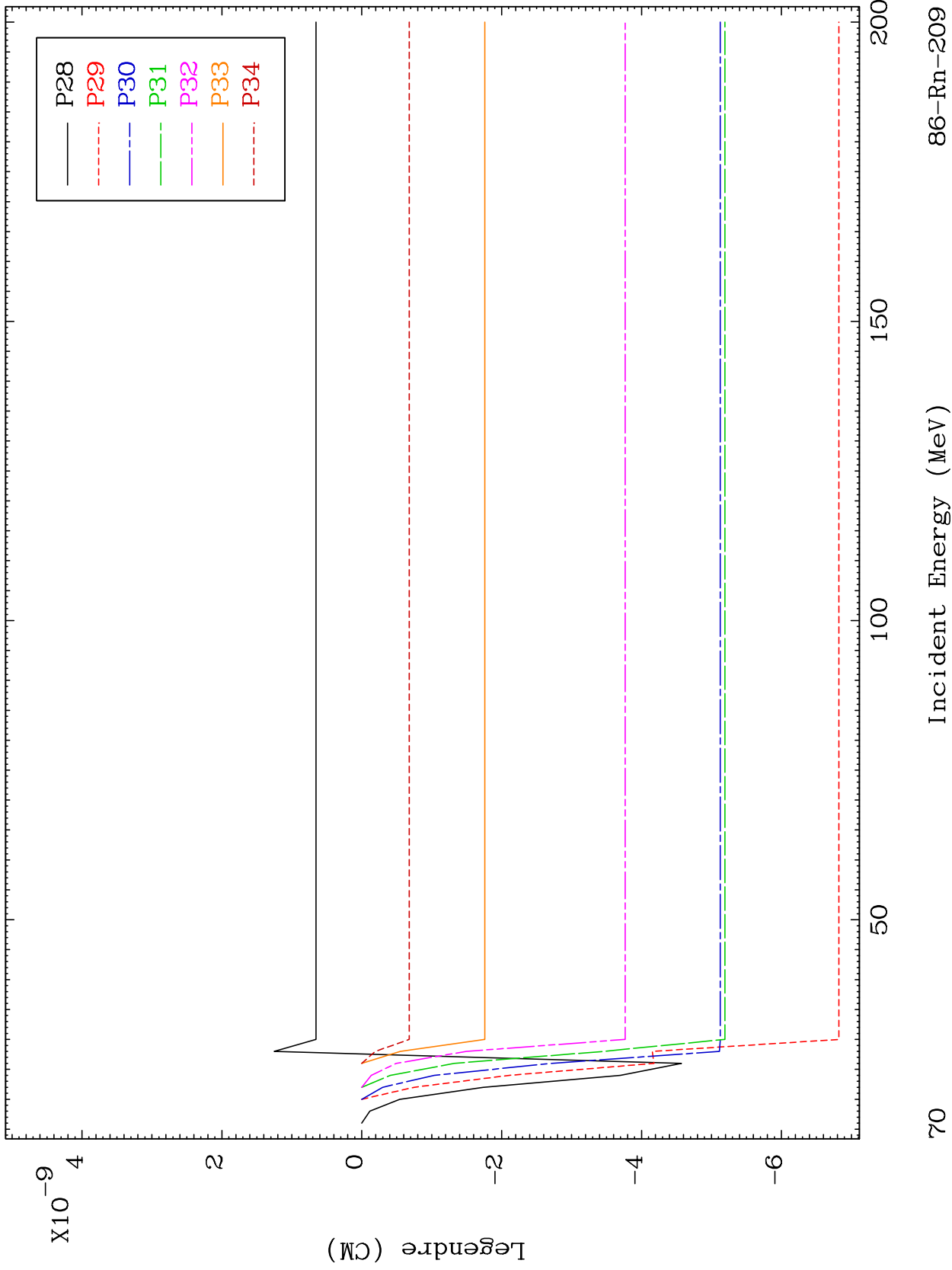
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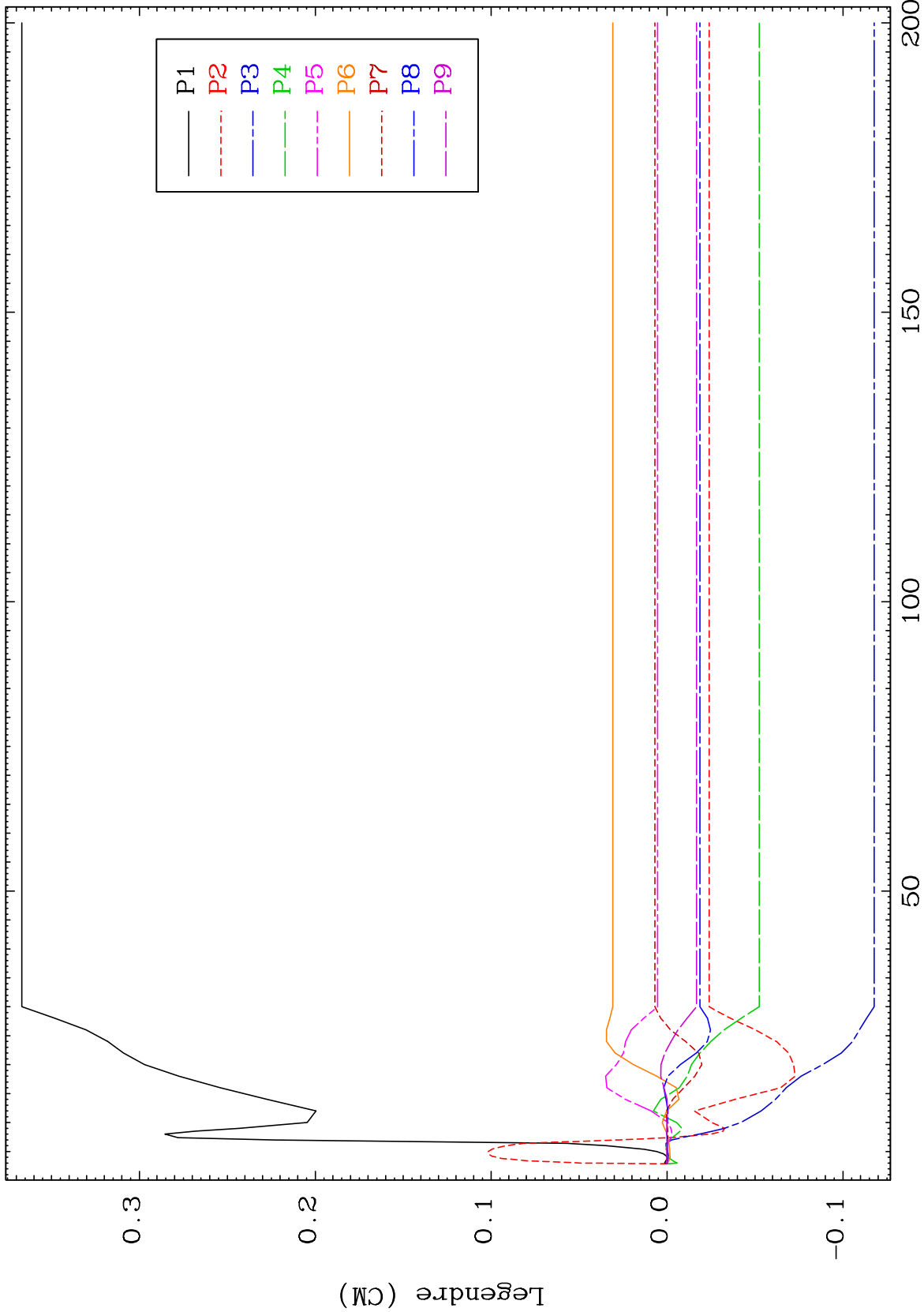
86-Rn-209

MAT 8619

2.744 MeV (n,n') Level
Legendre Coefficients

86-Rn-209

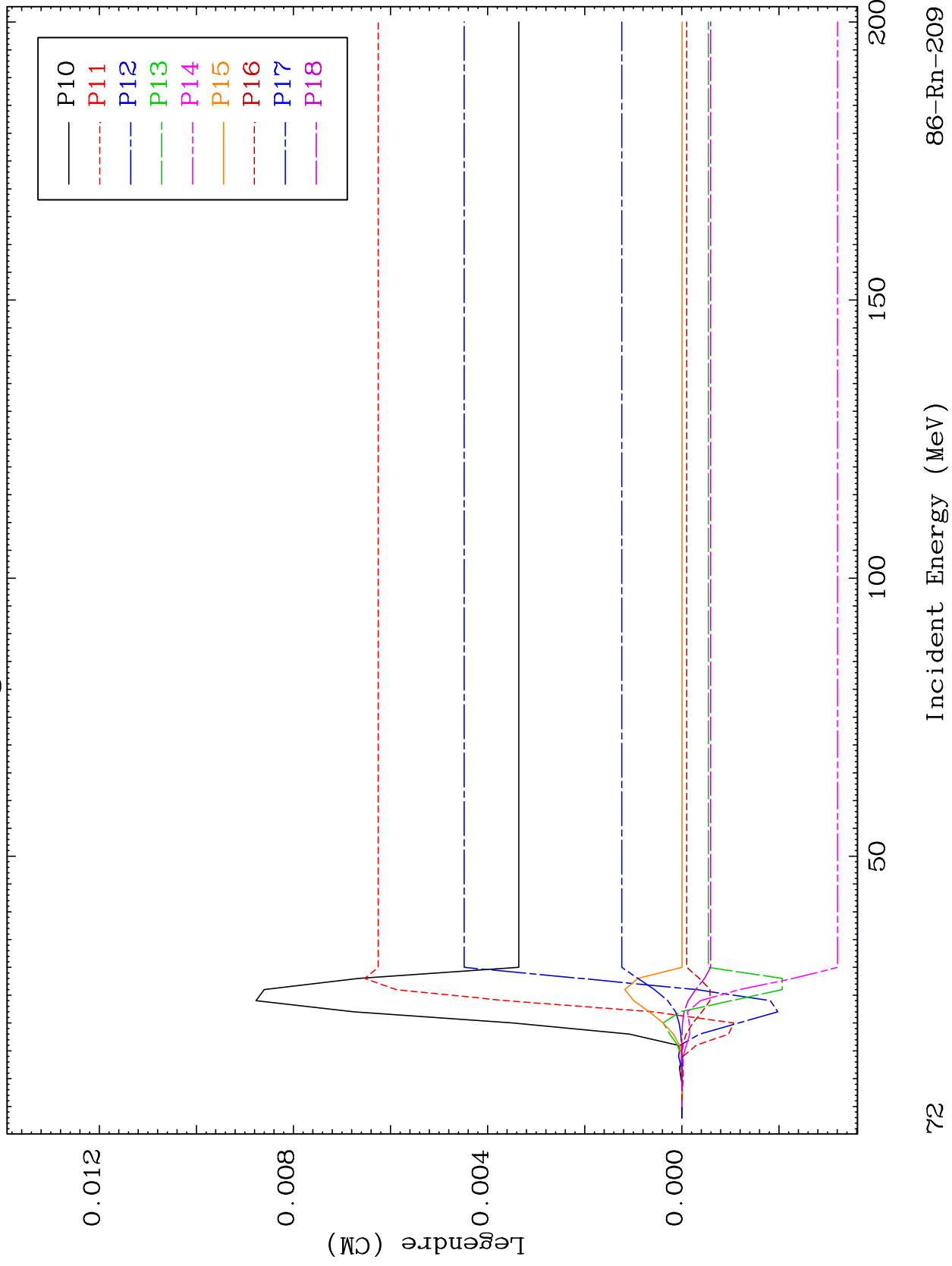




MAT 8619

2.848 MeV (n,n') Level
Legendre Coefficients

86-Rn-209



72

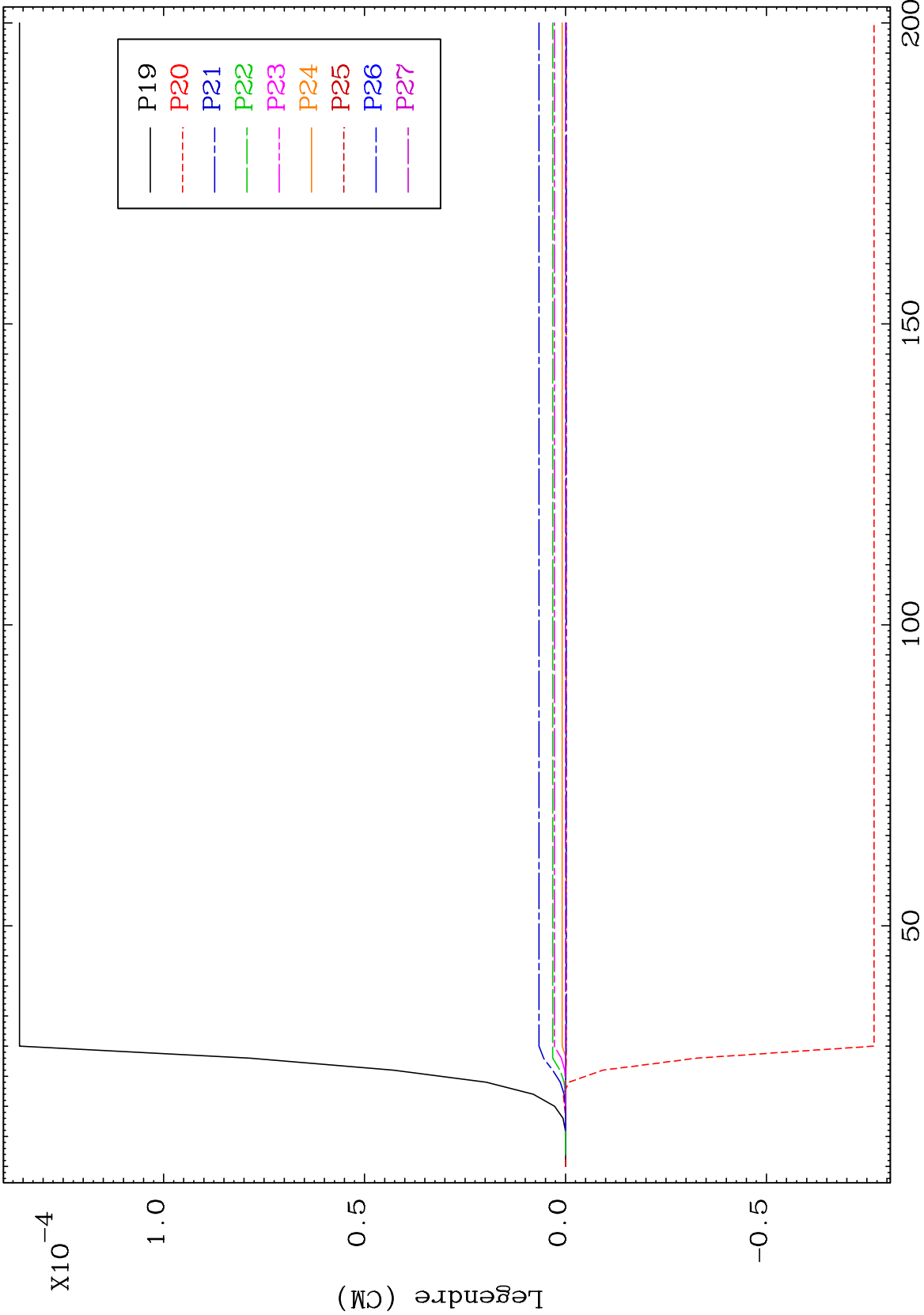
Incident Energy (MeV)

86-Rn-209

MAT 8619

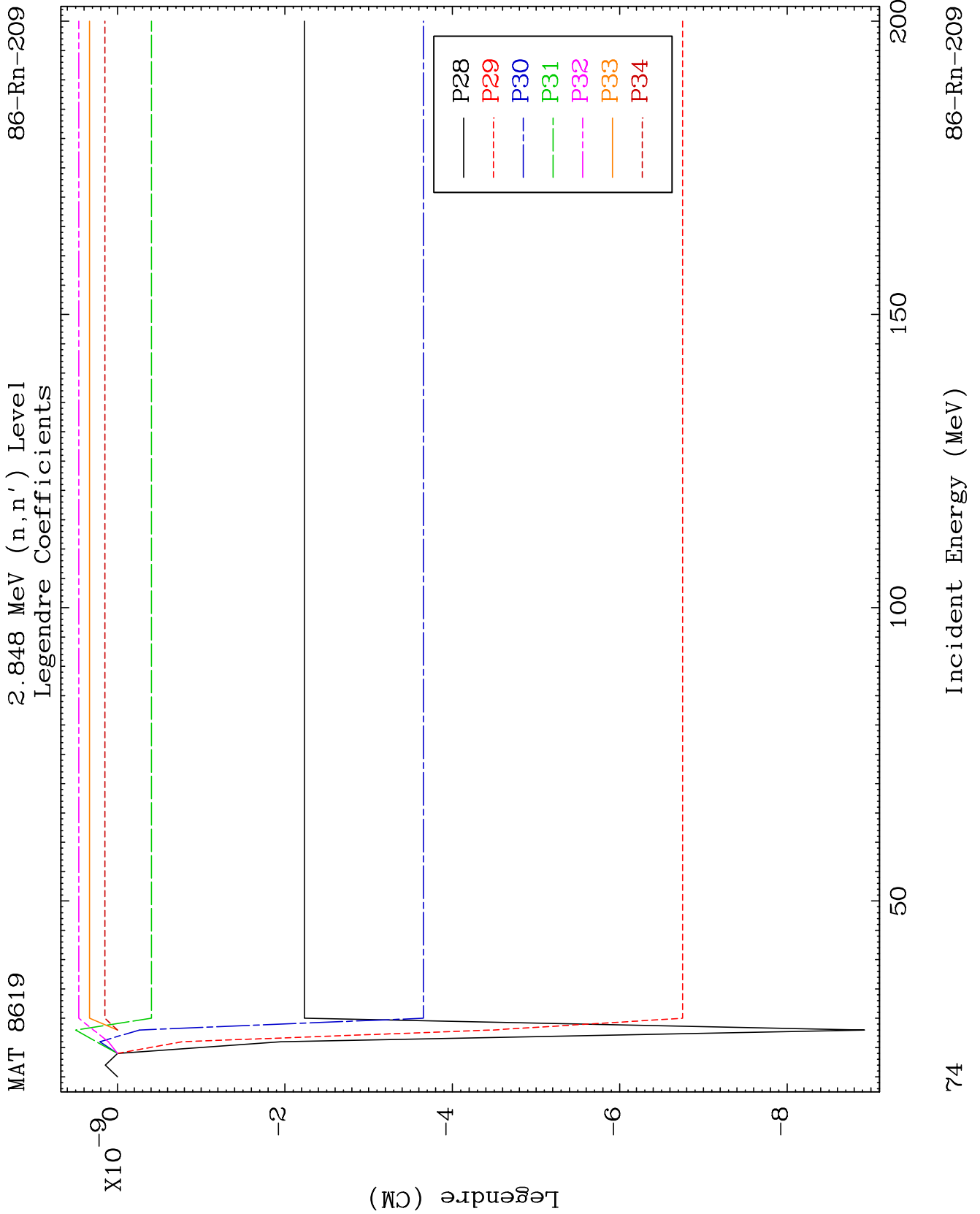
2.848 MeV (n,n') Level
Legendre Coefficients

86-Rn-209



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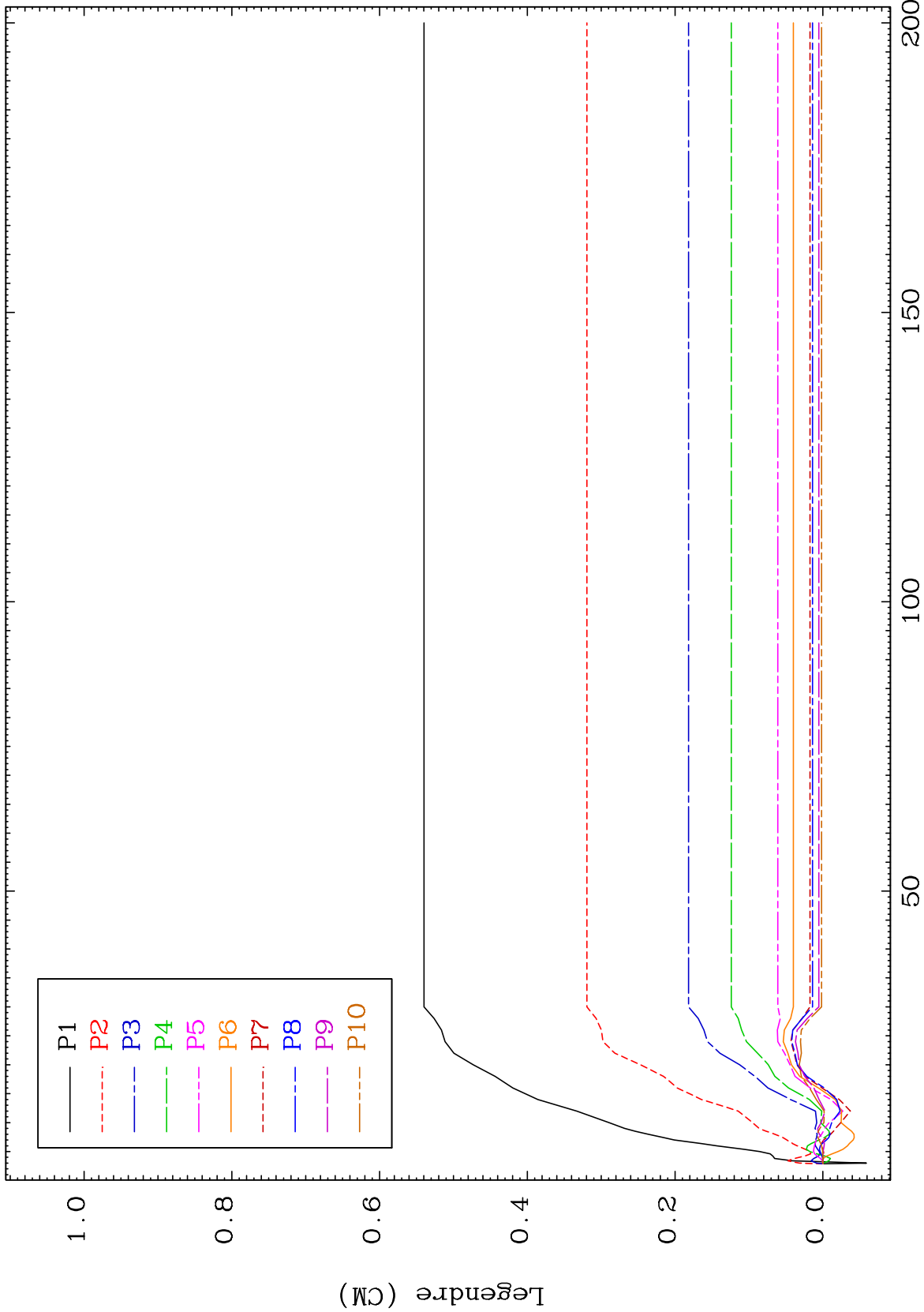
86-Rn-209



MAT 8619

2.865 MeV (n,n') Level Legendre Coefficients

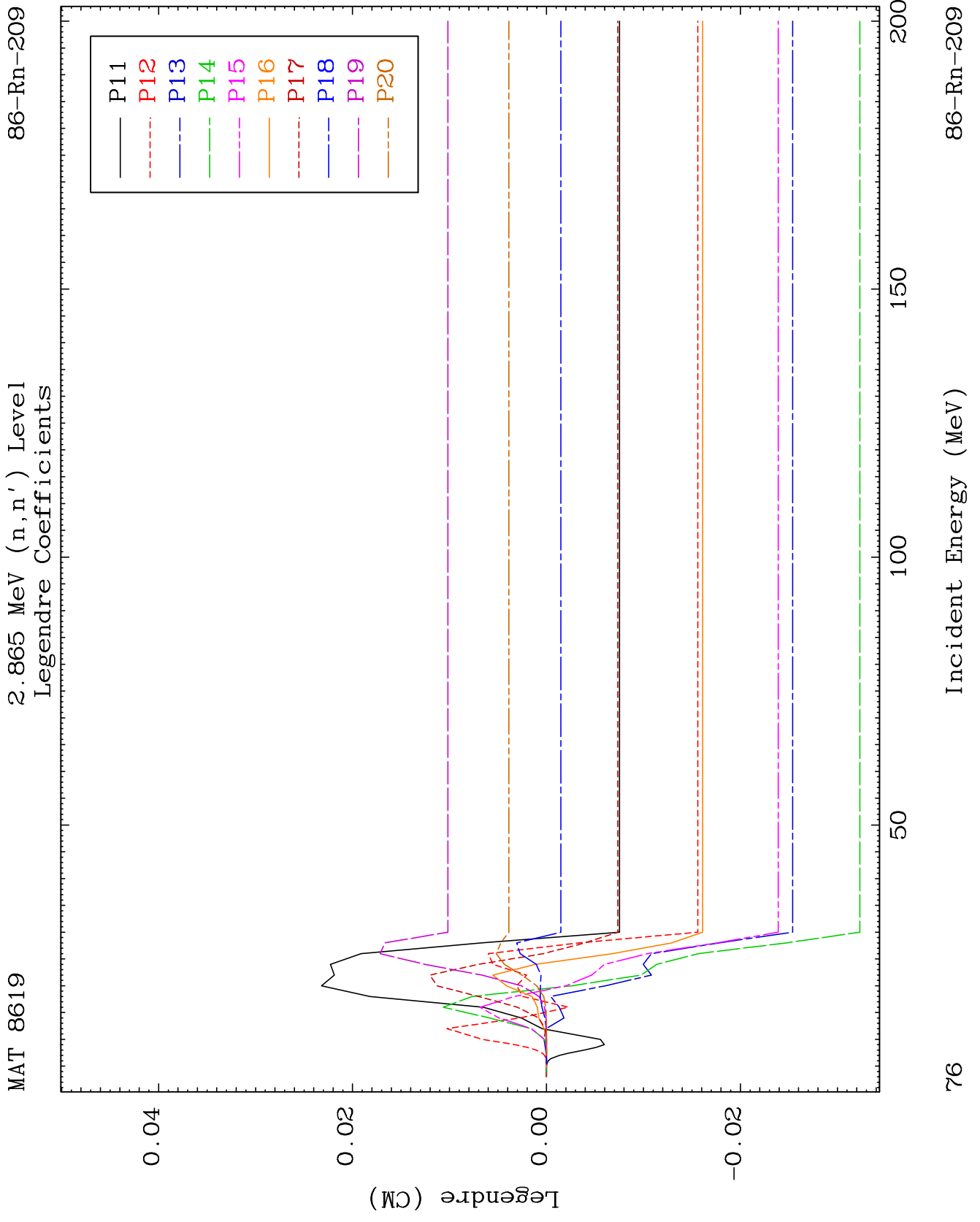
86-Rn-209



75

Incident Energy (MeV)

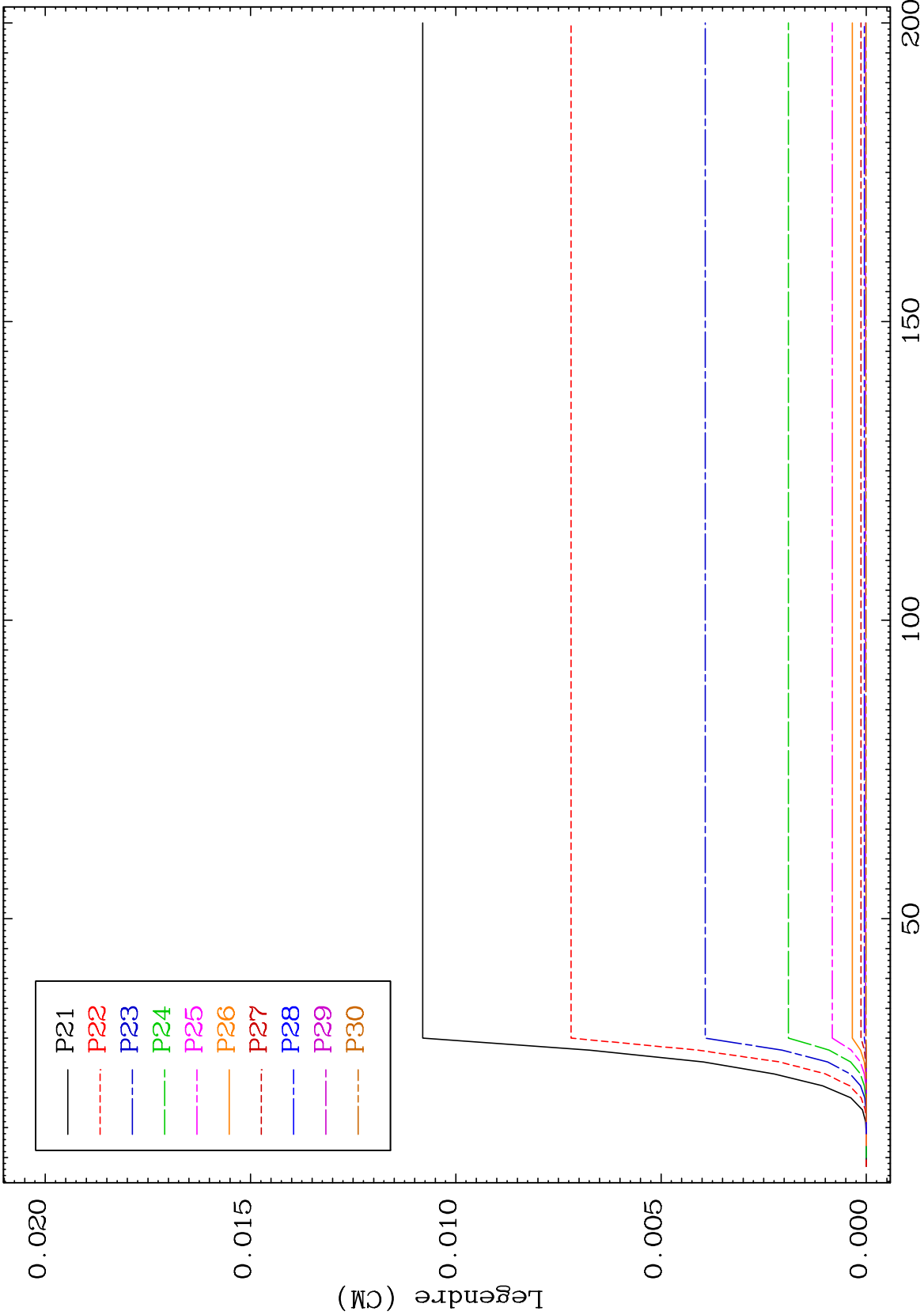
86-Rn-209



MAT 8619

2.865 MeV (n,n') Level
Legendre Coefficients

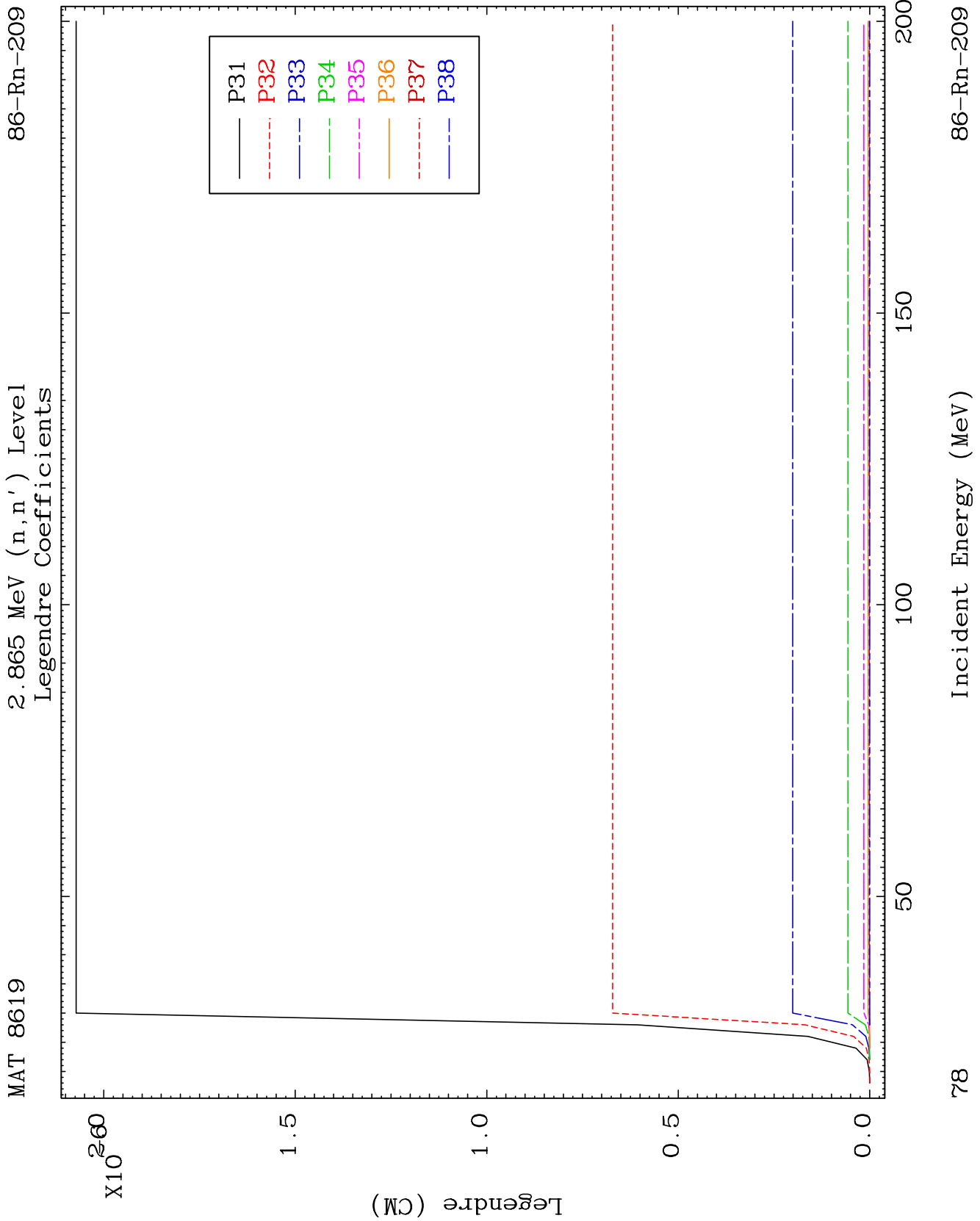
86-Rn-209



77

Incident Energy (MeV)

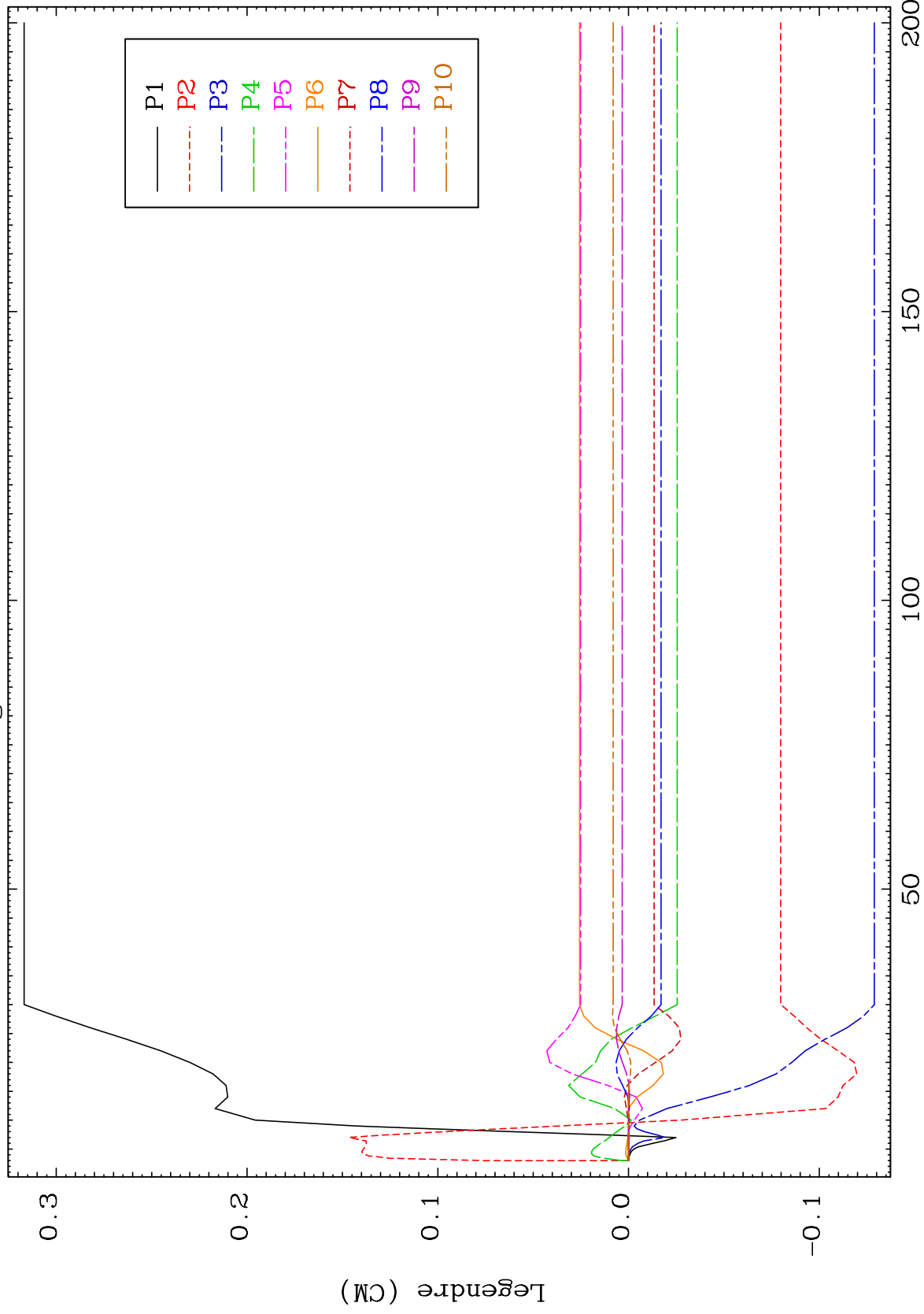
86-Rn-209



MAT 8619

2.958 MeV (n,n') Level
Legendre Coefficients

86-Rn-209



79

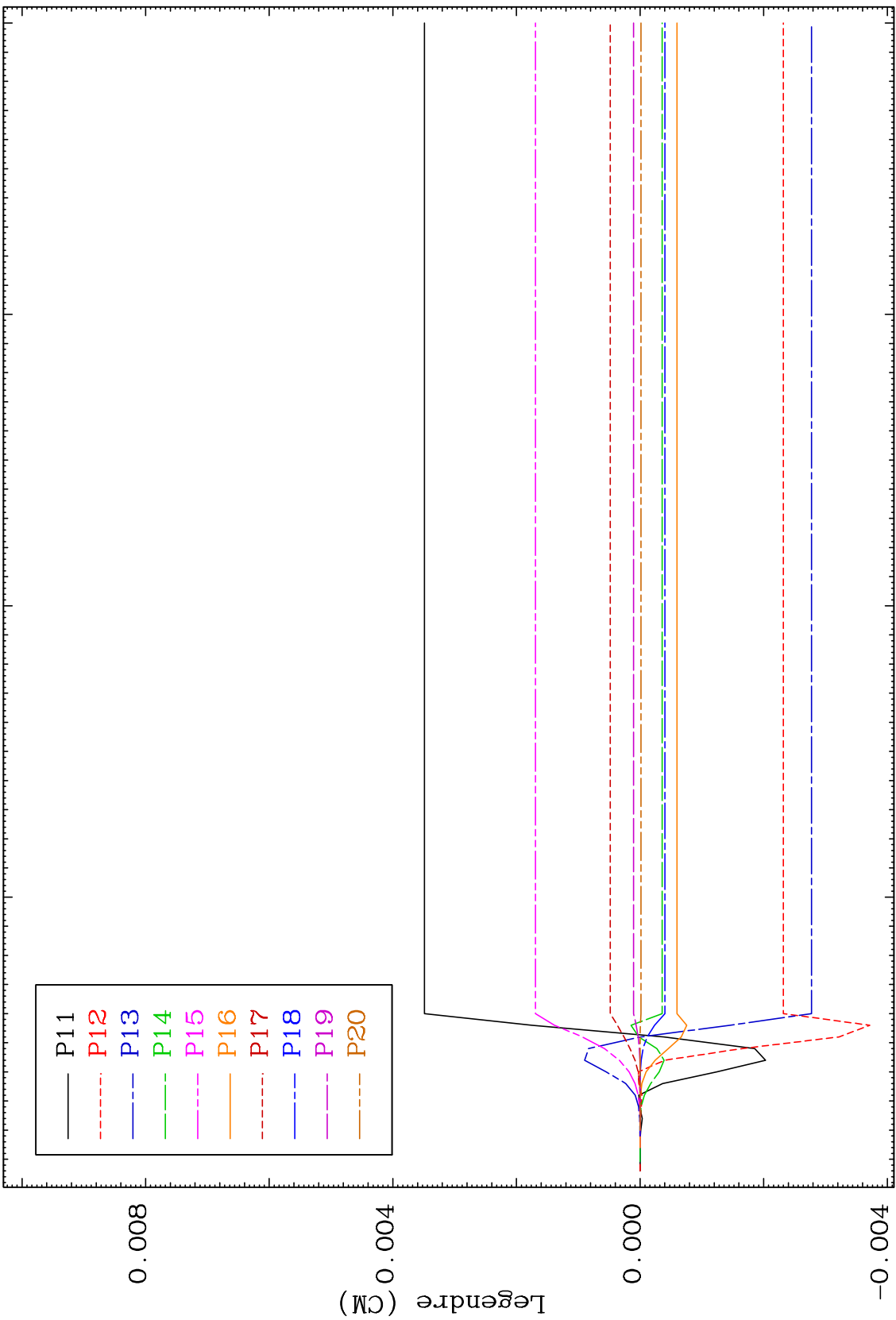
Incident Energy (MeV)

86-Rn-209

MAT 8619

2.958 MeV (n,n') Level
Legendre Coefficients

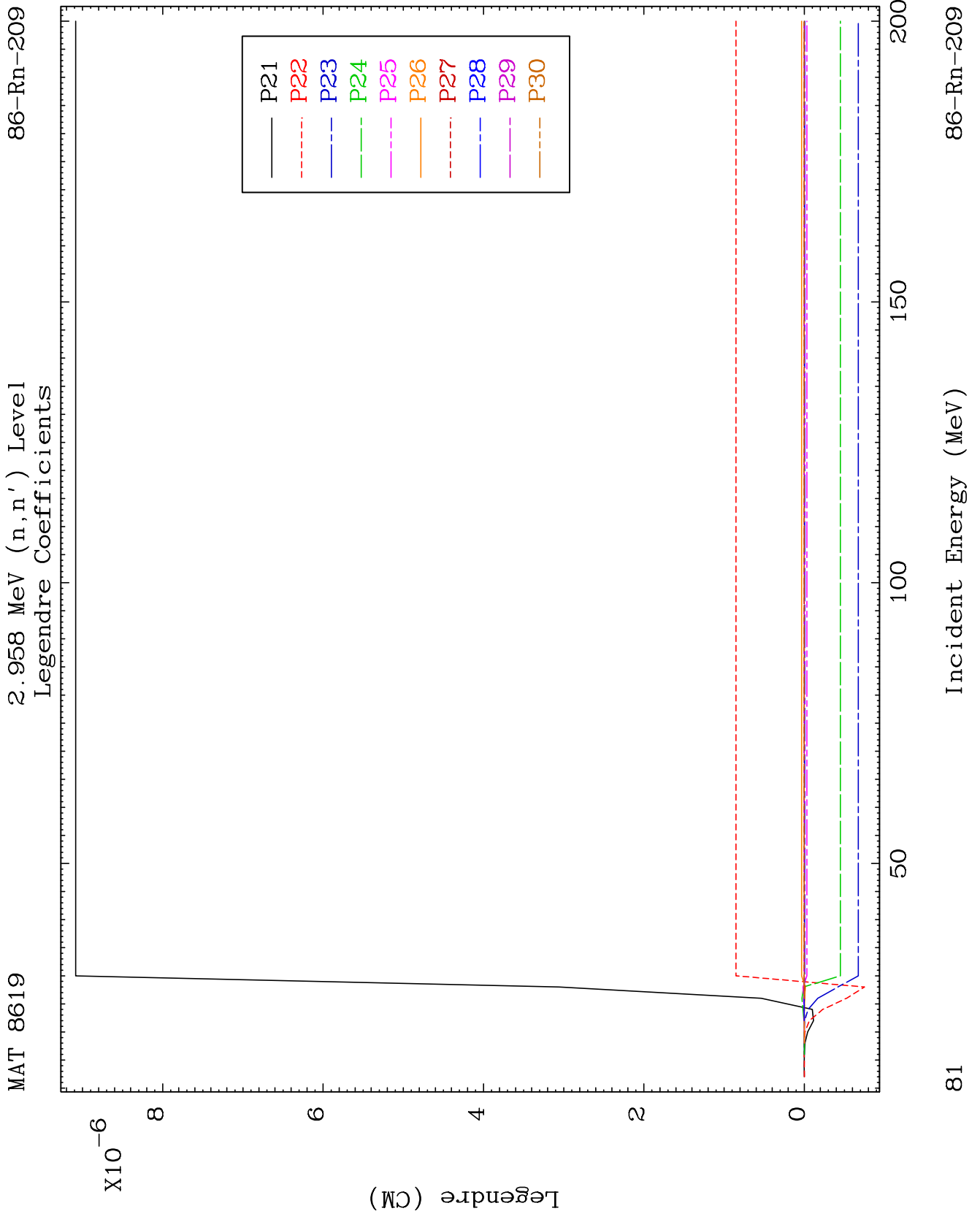
86-Rn-209

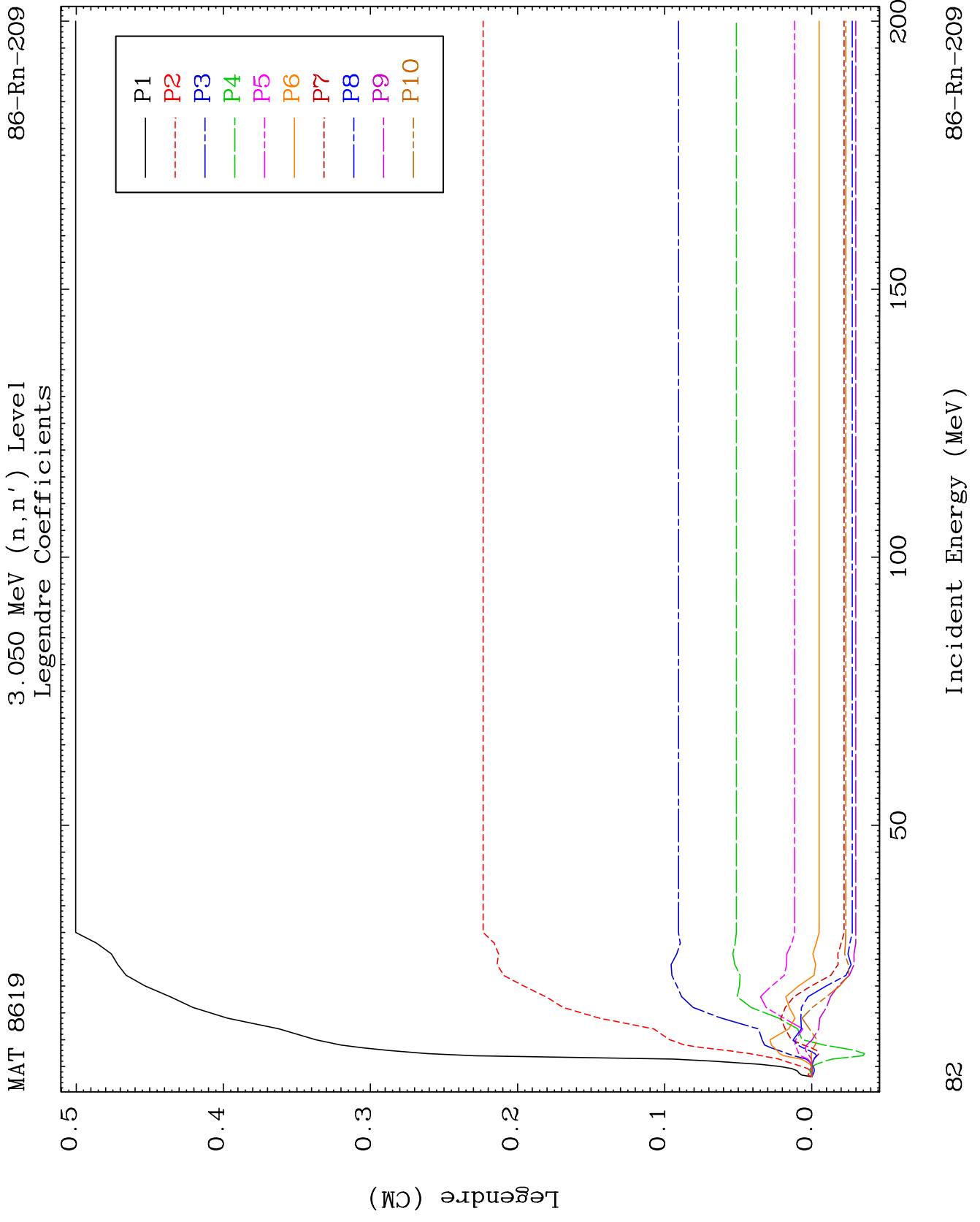


80

Incident Energy (MeV)

86-Rn-209

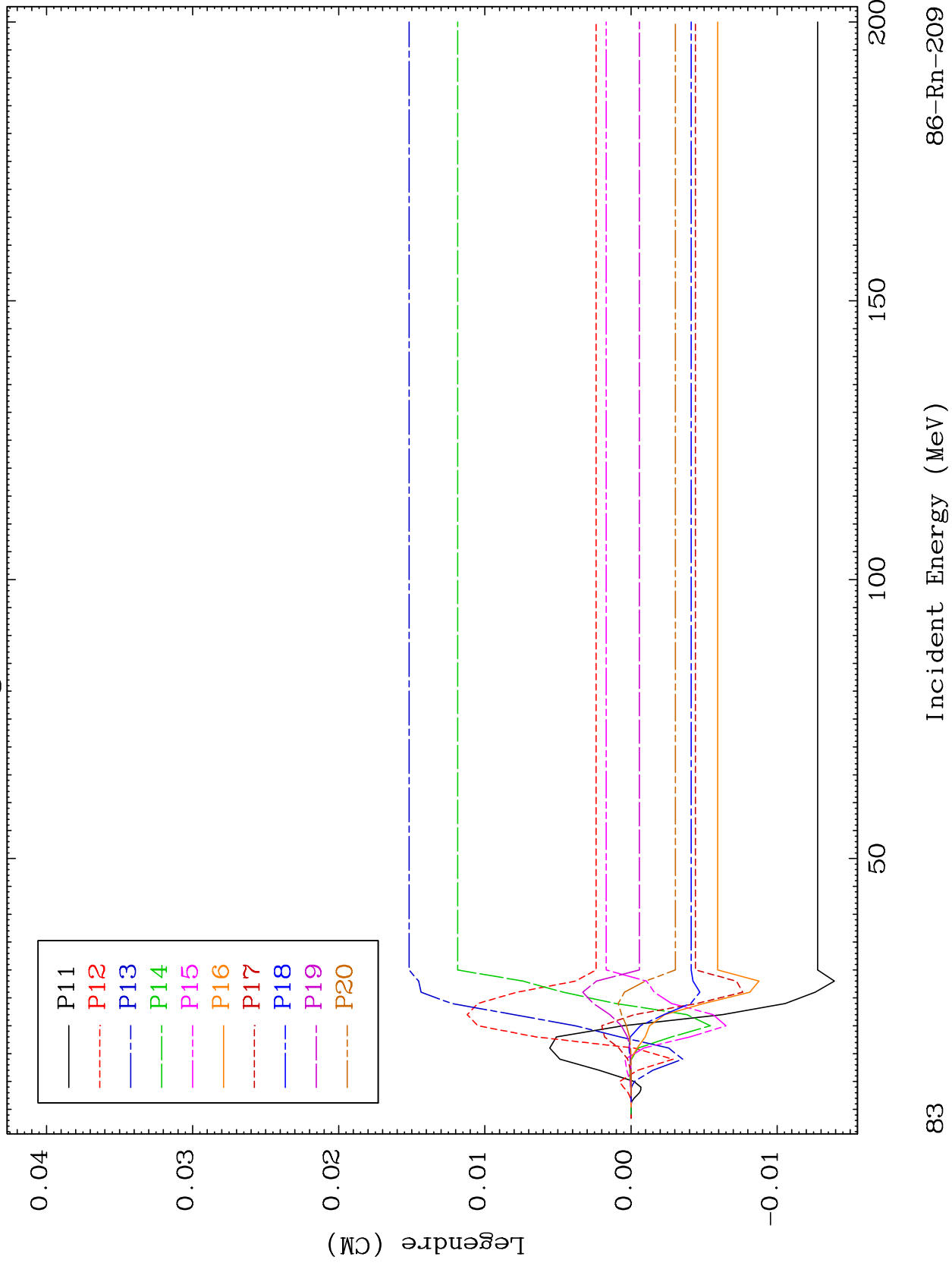




MAT 8619

3.050 MeV (n,n') Level Legendre Coefficients

86-Rn-209



83

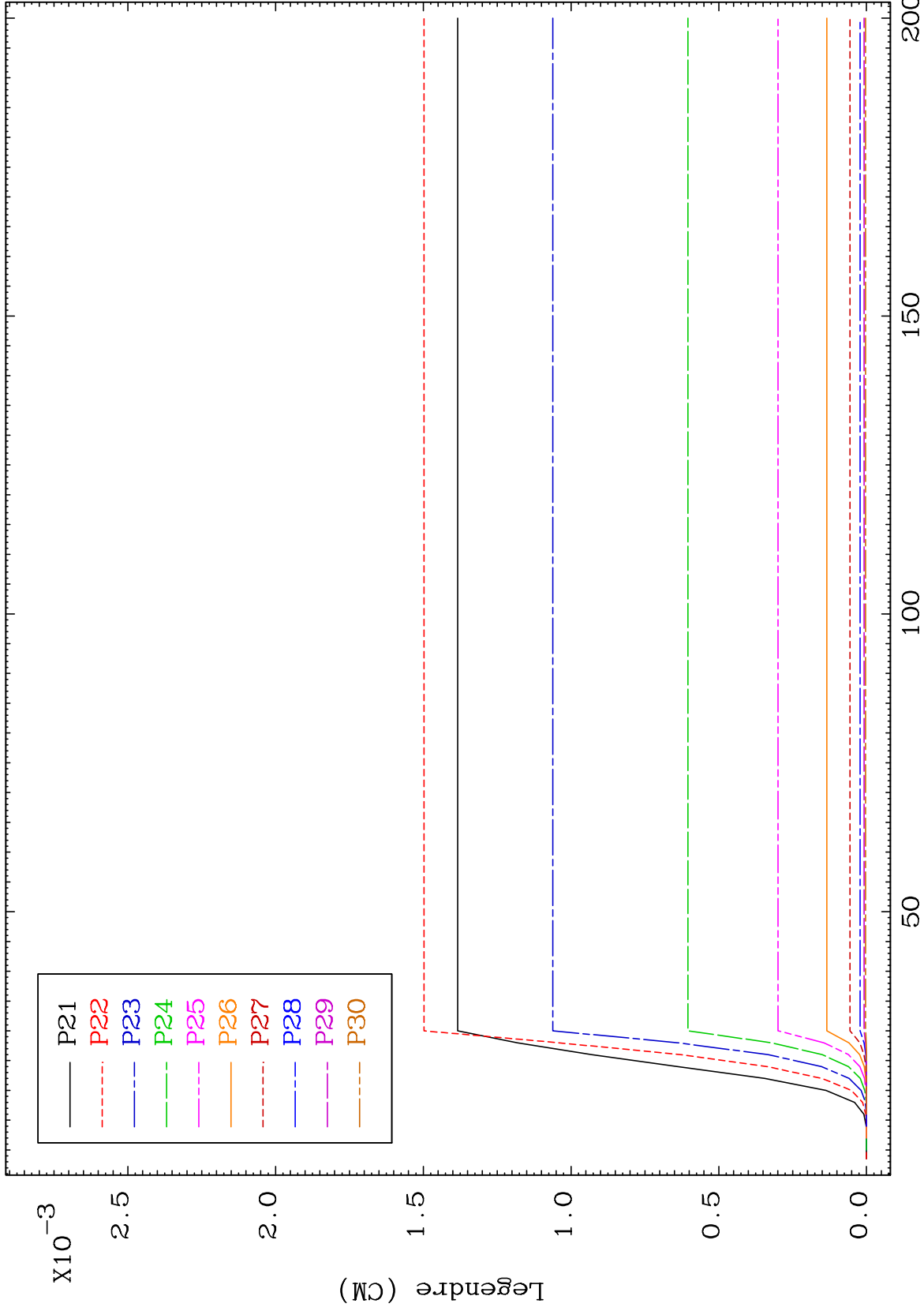
Incident Energy (MeV)

86-Rn-209

MAT 8619

3.050 MeV (n,n') Level
Legendre Coefficients

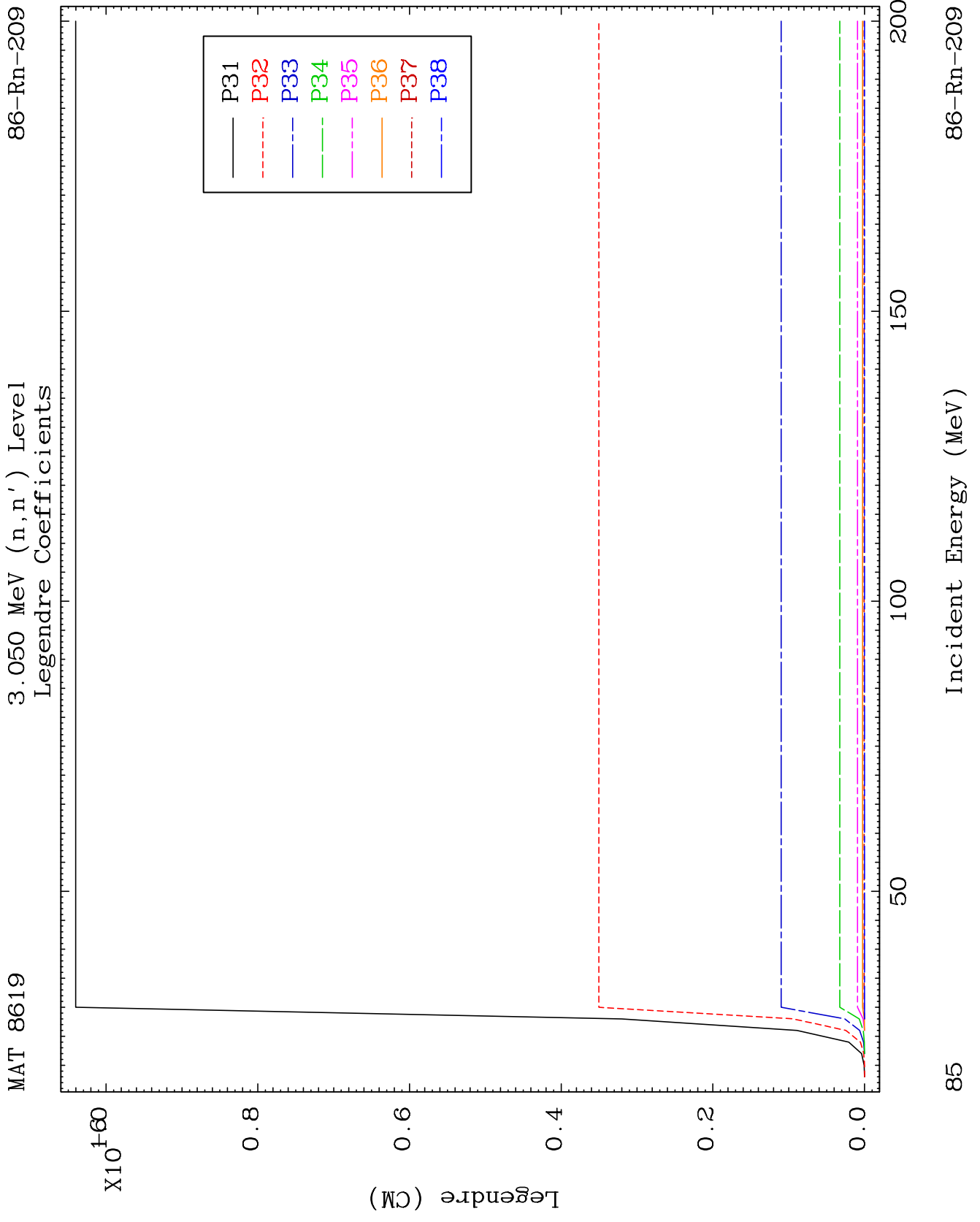
86-Rn-209

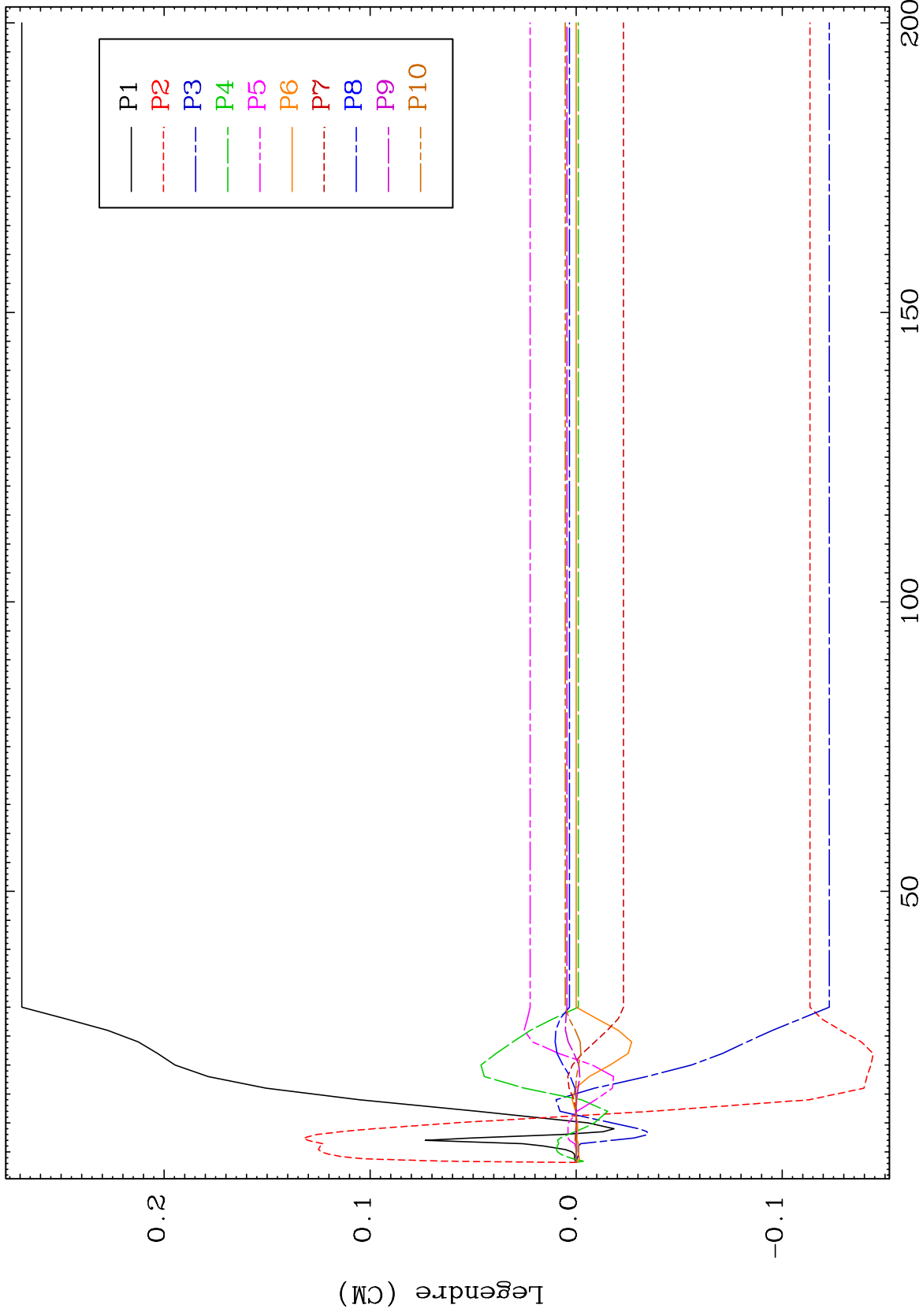


84

Incident Energy (MeV)

86-Rn-209

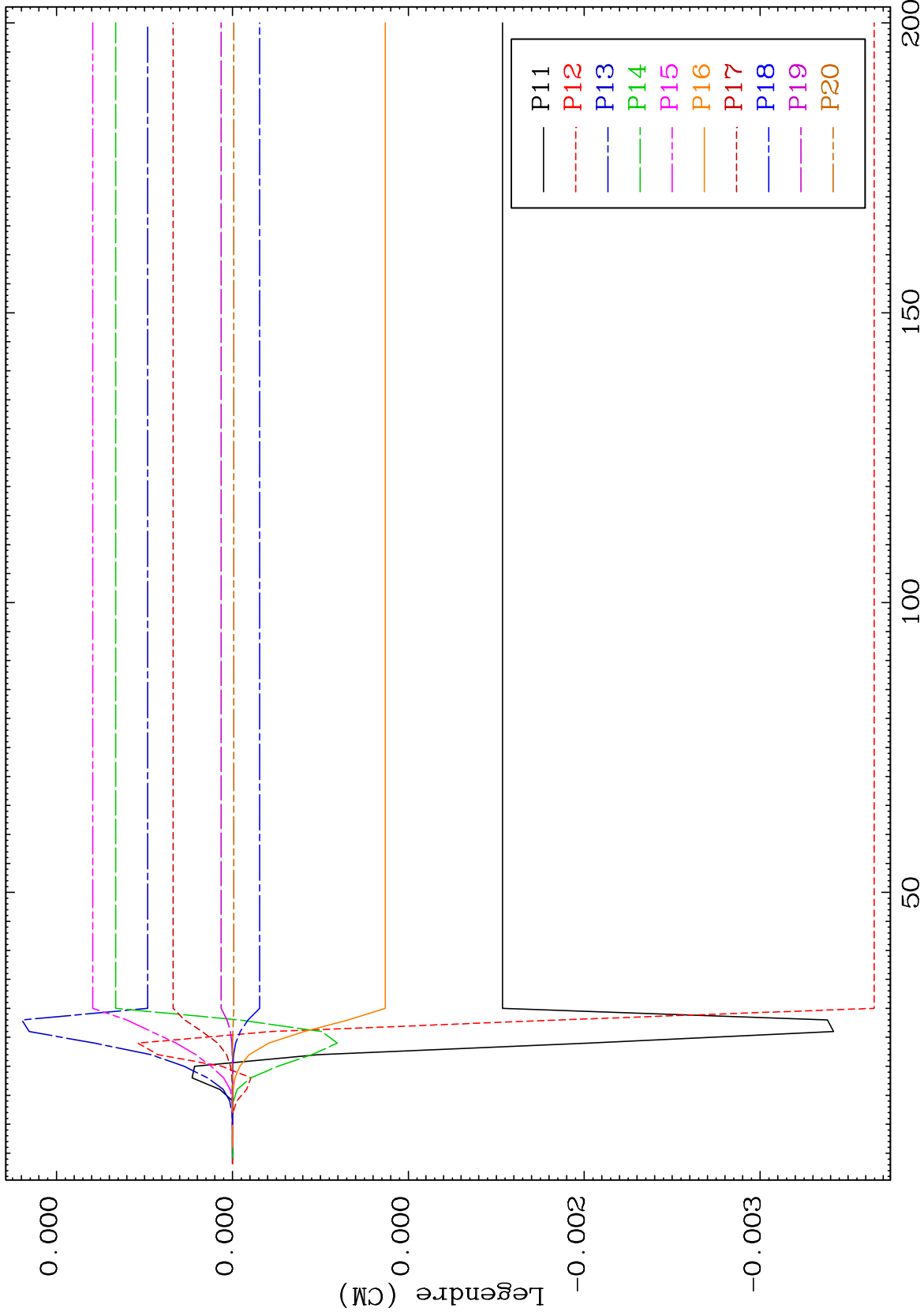




MAT 8619

3.157 MeV (n,n') Level
Legendre Coefficients

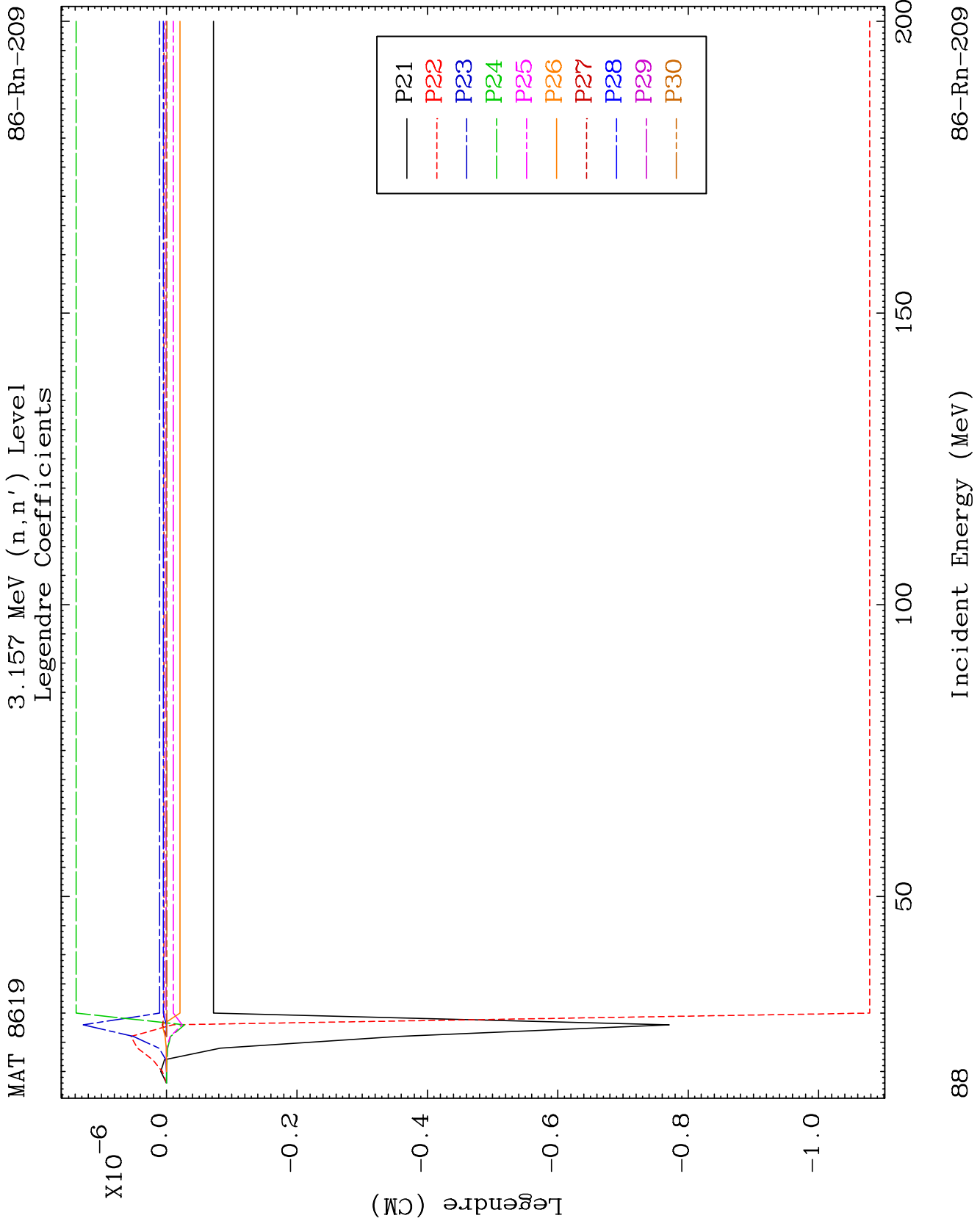
86-Rn-209

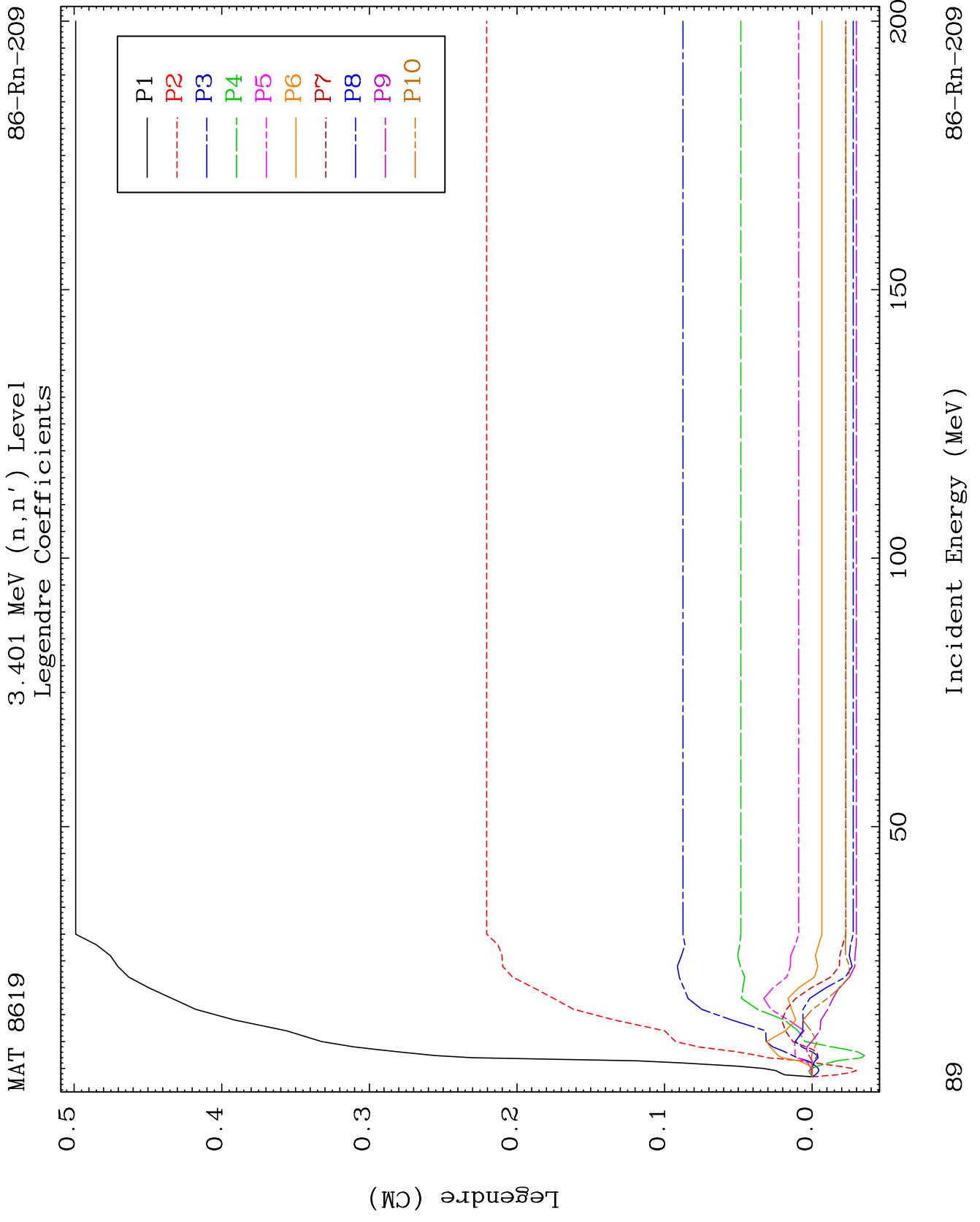


87

Incident Energy (MeV)

86-Rn-209

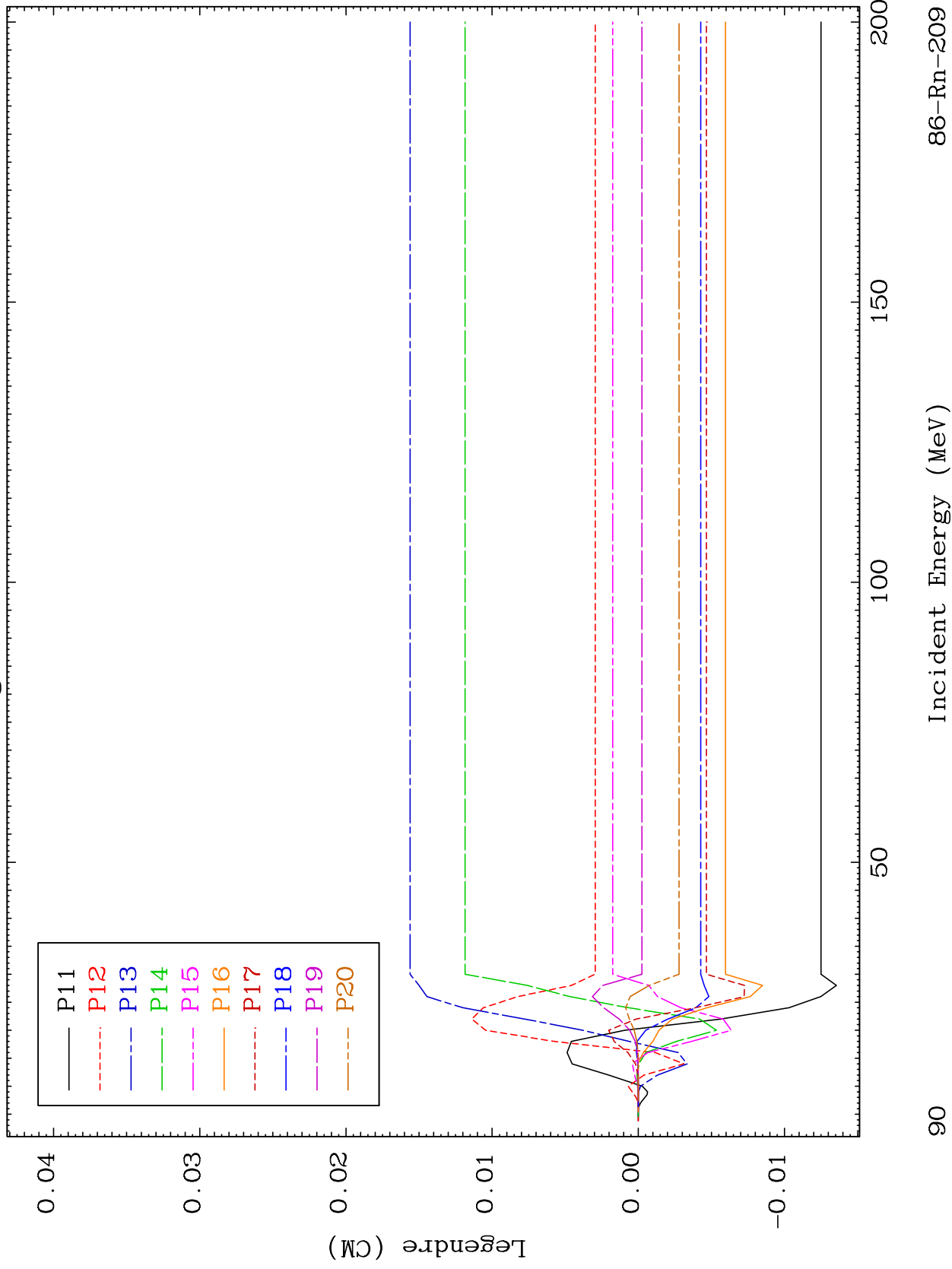




MAT 8619

3.401 MeV (n, n') Level
Legendre Coefficients

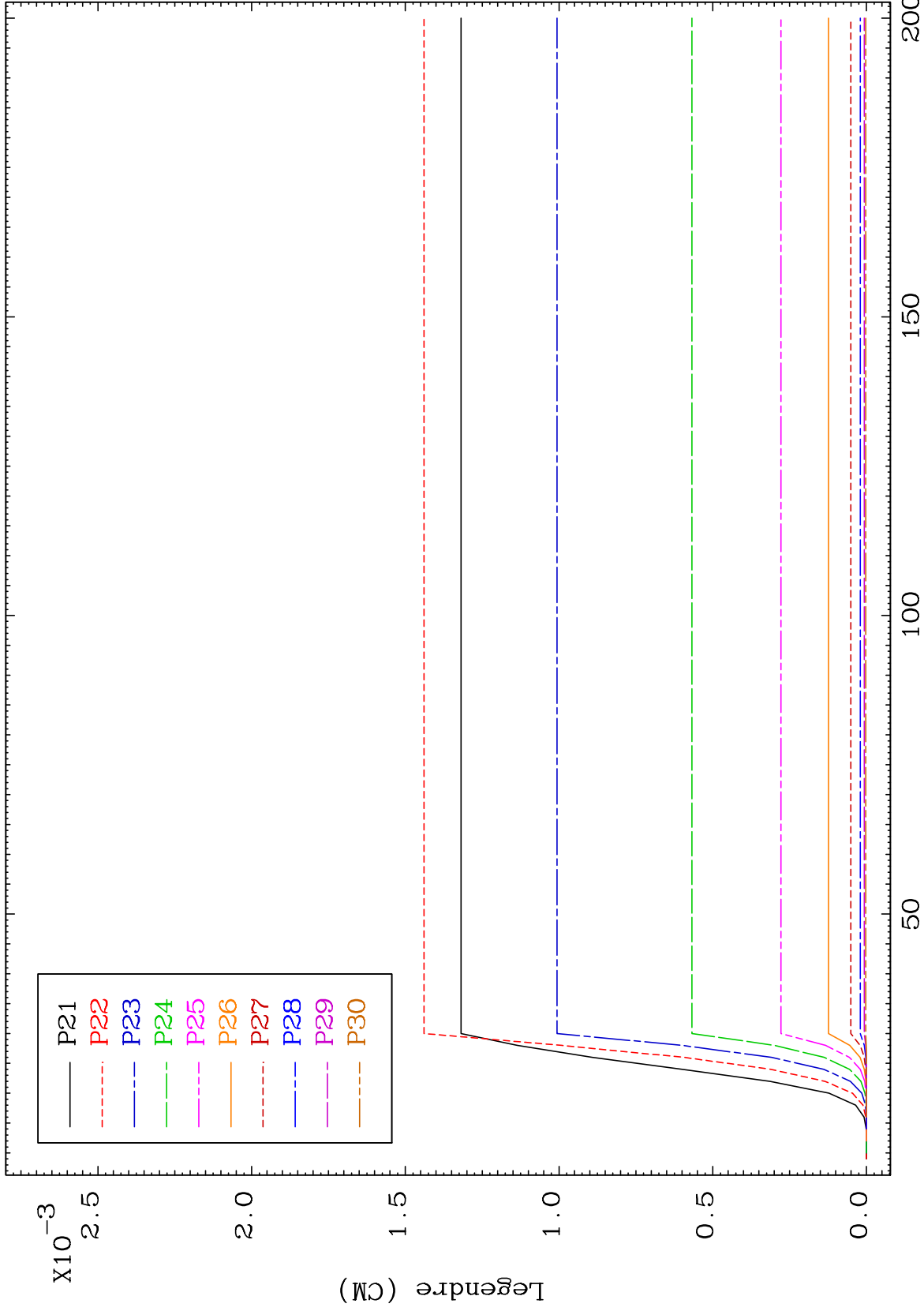
86-Rn-209

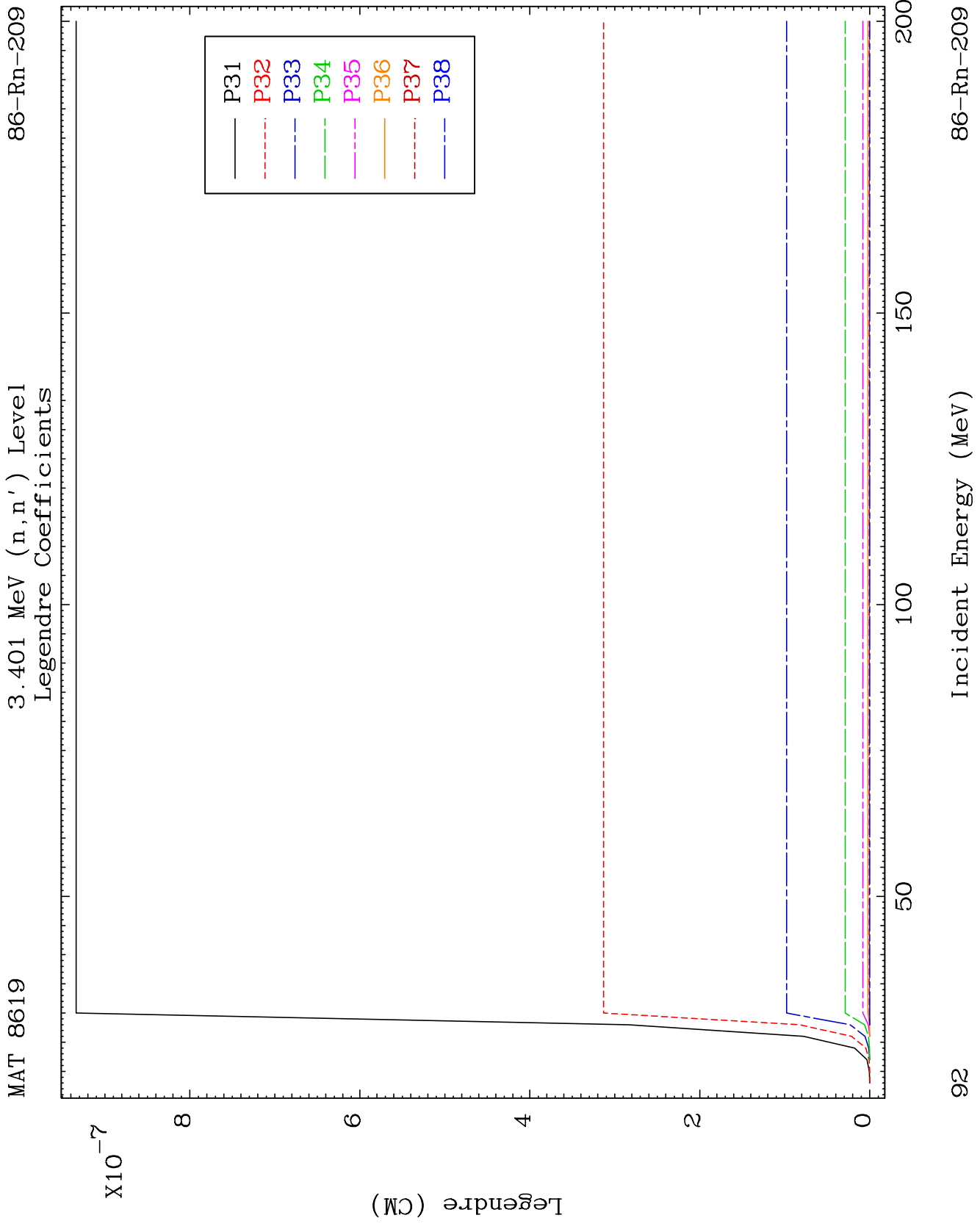


90

Incident Energy (MeV)

86-Rn-209

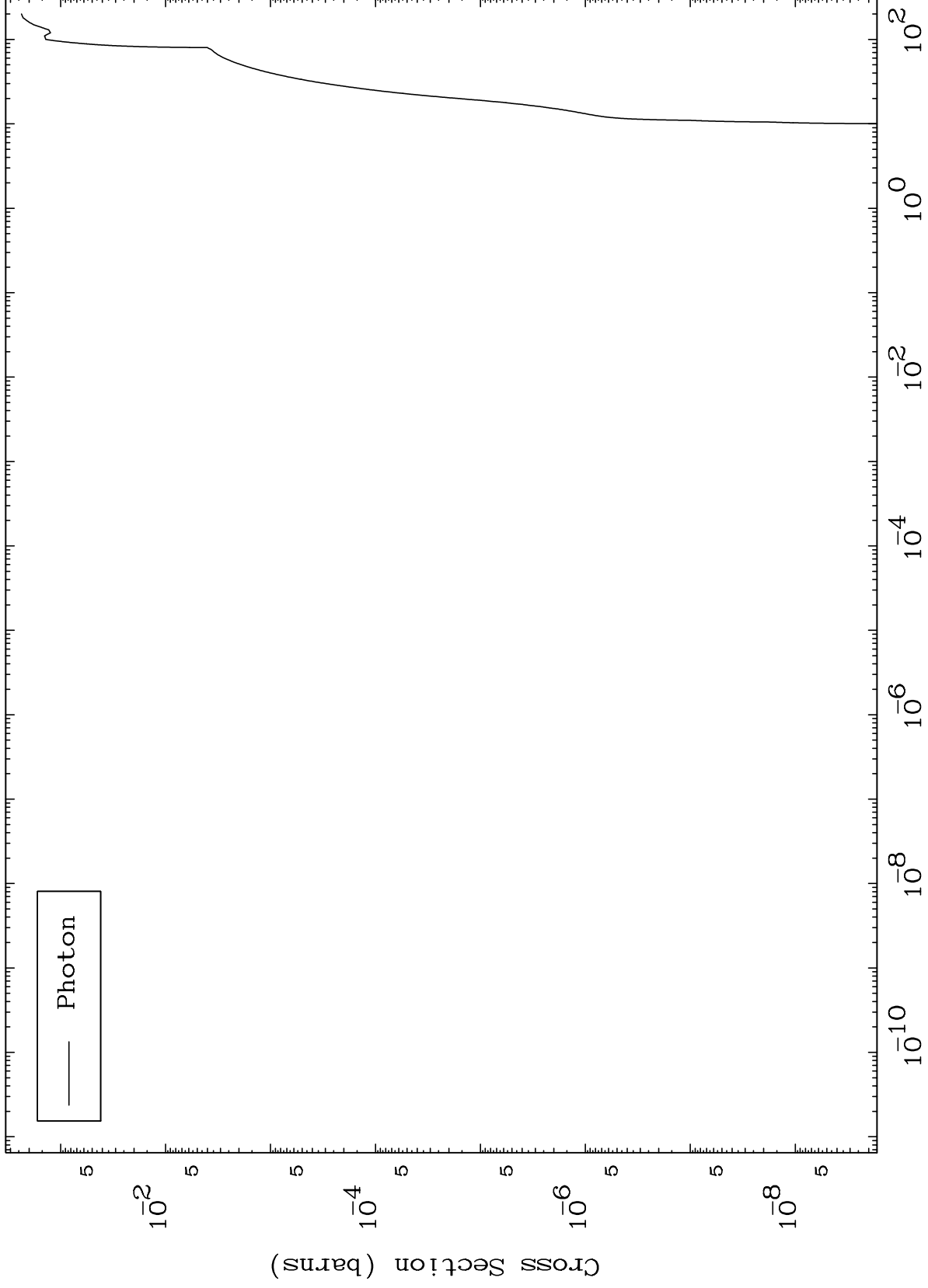




MAT 8619

Fission
Radionuclide Production Cross Section

86-Rn-209



93

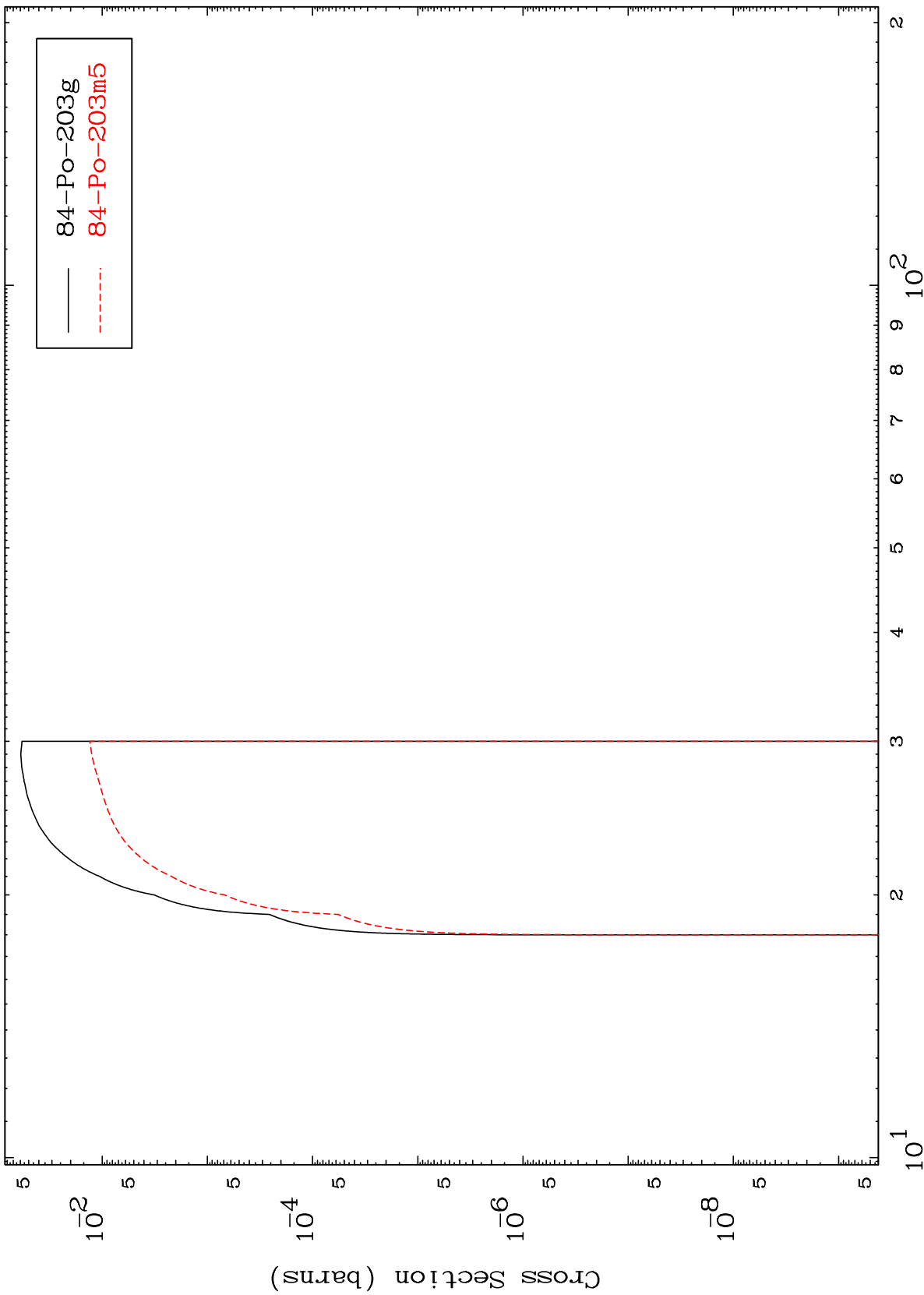
86-Rn-209

MAT 8619

(n,3n) α

86-Rn-209

Radionuclide Production Cross Section



94

Incident Energy (MeV)

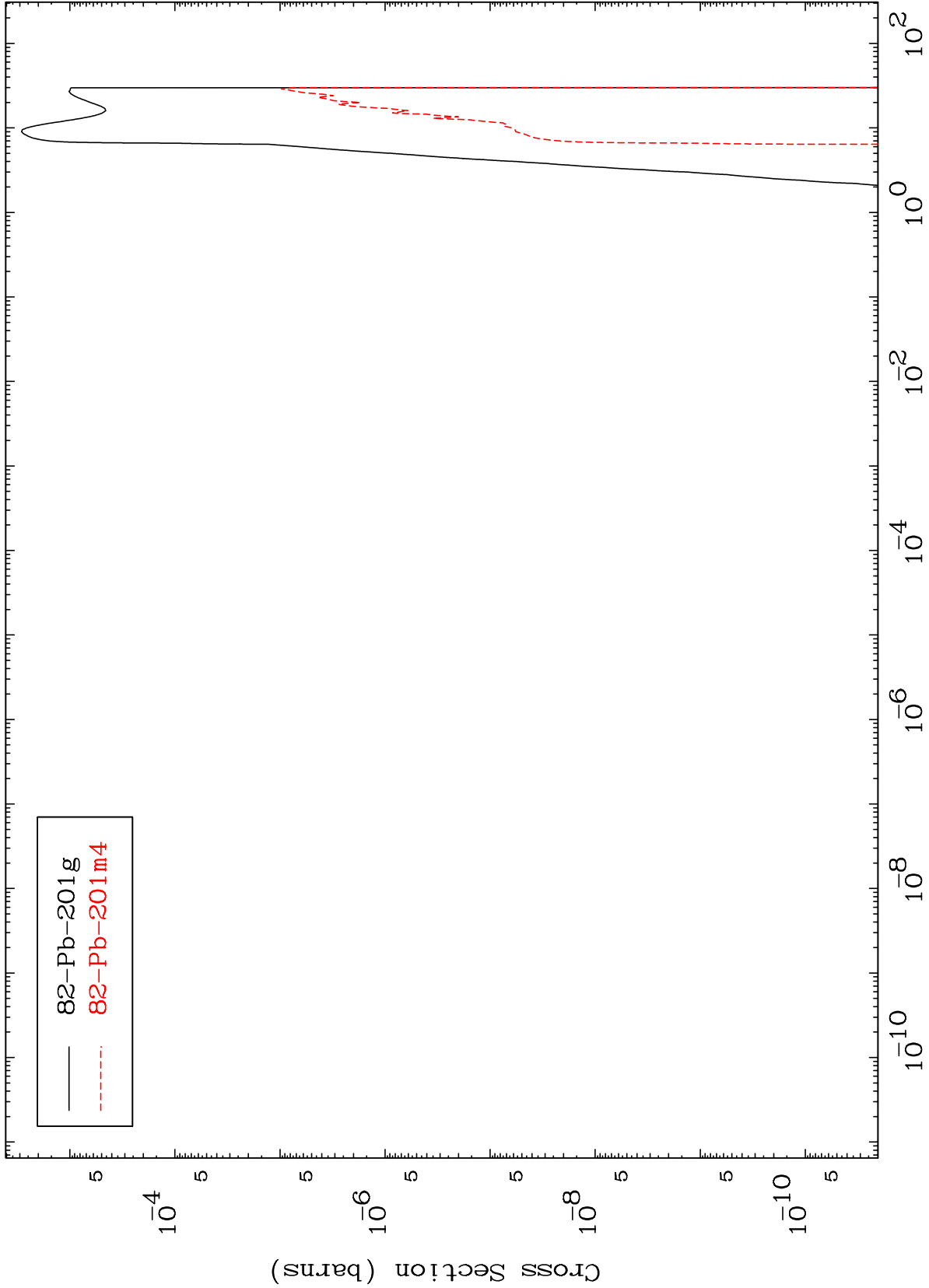
86-Rn-209

MAT 8619

(n,n') 2 α

86-Rn-209

Radionuclide Production Cross Section



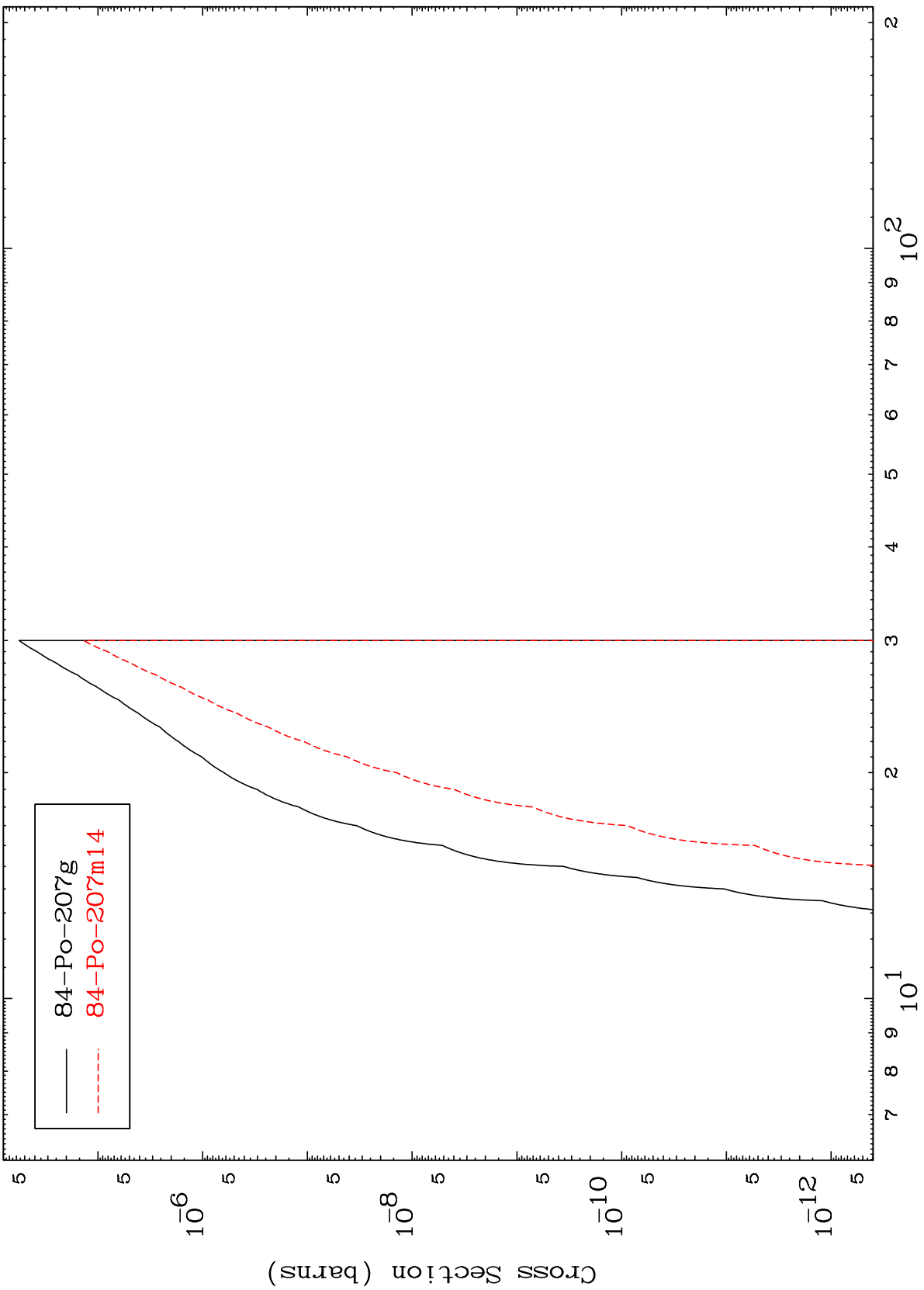
82-Pb-201g
82-Pb-201m4

MAT 8619

(n,2n) p

86-Rn-209

Radionuclide Production Cross Section



84-Po-207g
84-Po-207m14

96

Incident Energy (MeV)

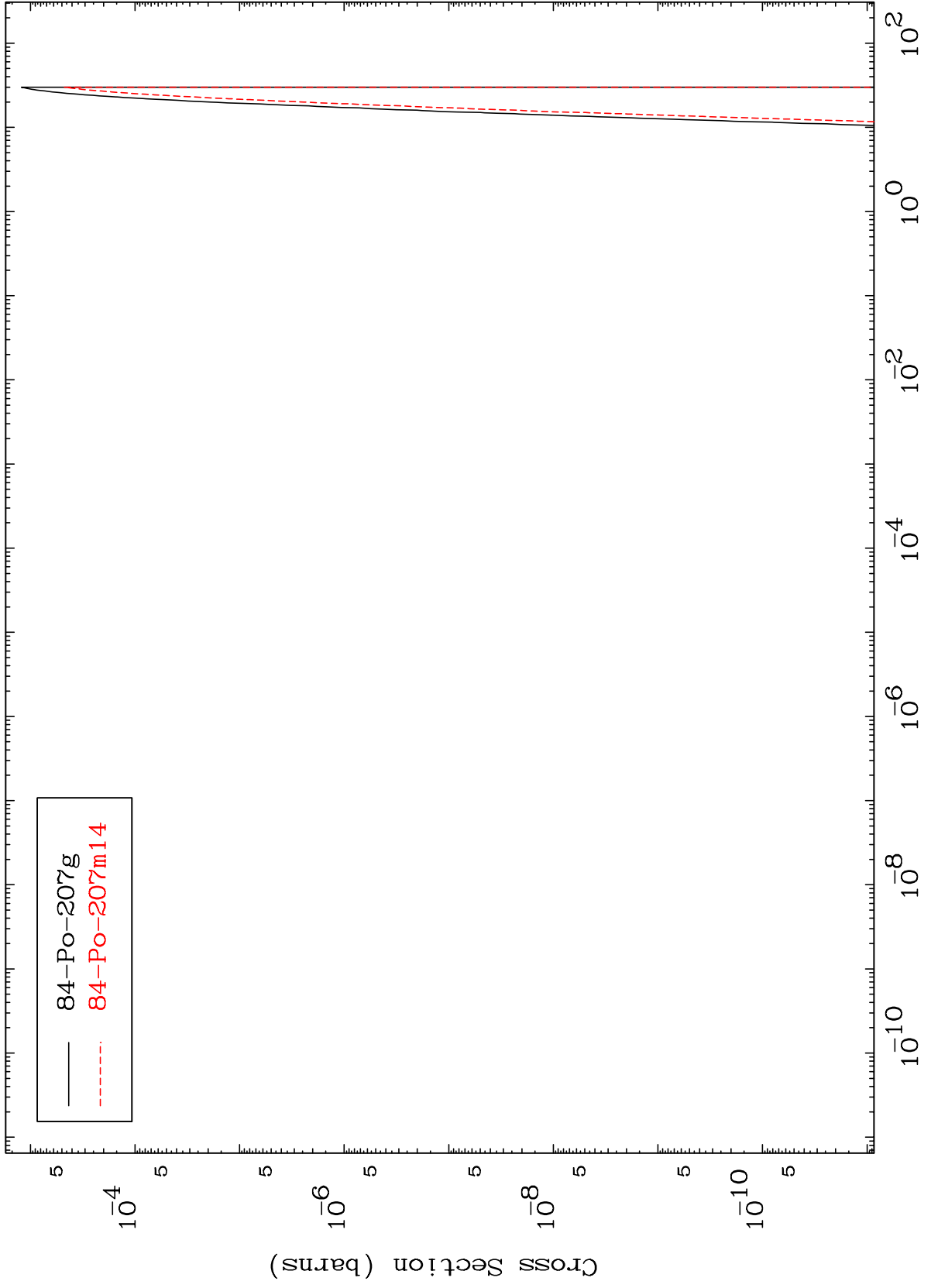
86-Rn-209

MAT 8619

(n,He-3)

86-Rn-209

Radionuclide Production Cross Section

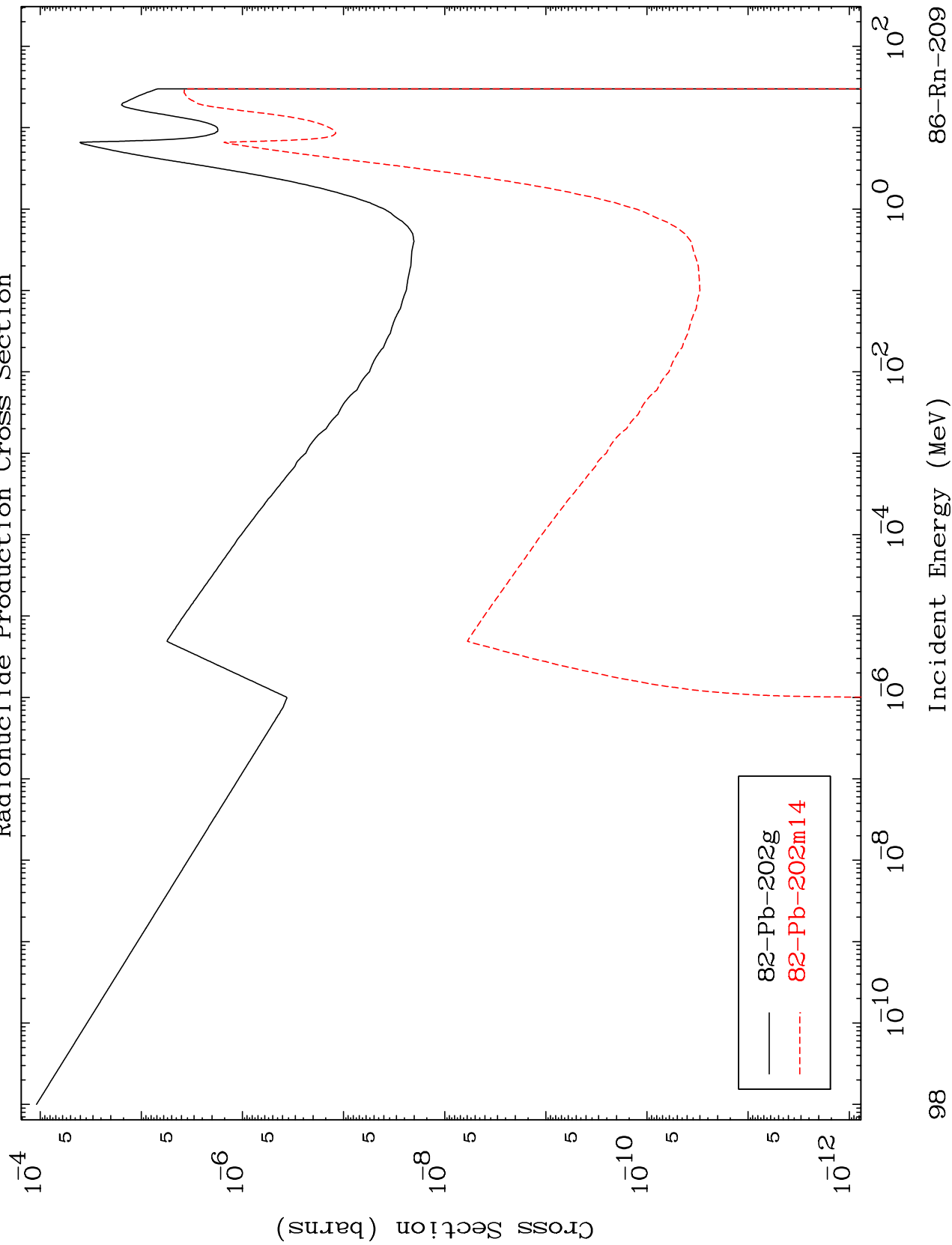


84-Po-207g
84-Po-207m14

MAT 8619

86-Rn-209

Radionuclide Production Cross Section
(n,2α)



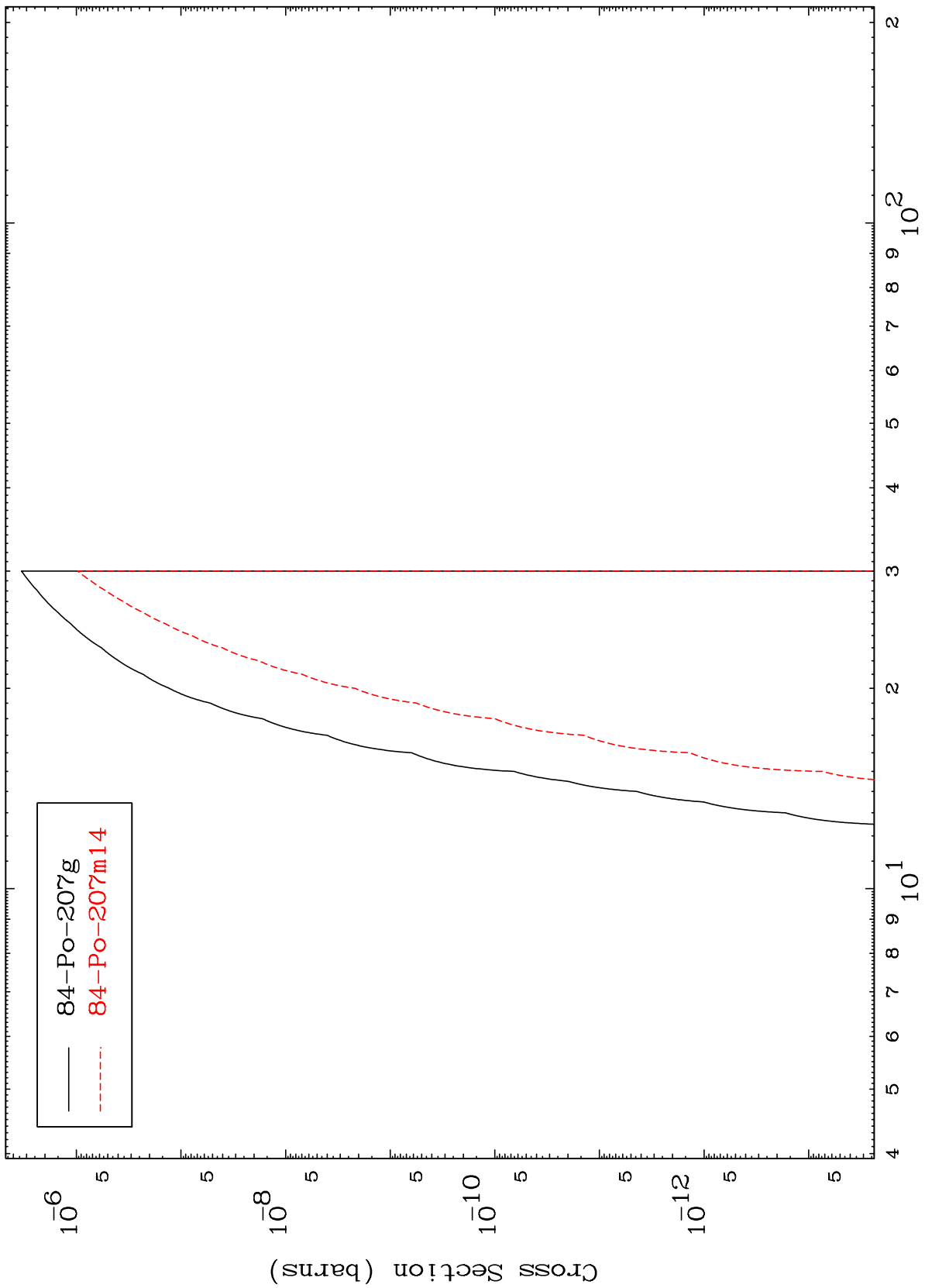
— 82-Pb-202g
- - - 82-Pb-202m14

MAT 8619

(n,p) d

86-Rn-209

Radionuclide Production Cross Section



84-Po-207g
84-Po-207m14

99

Incident Energy (MeV)

86-Rn-209