

Program EVALPLOT
(Version 2015-2)

by

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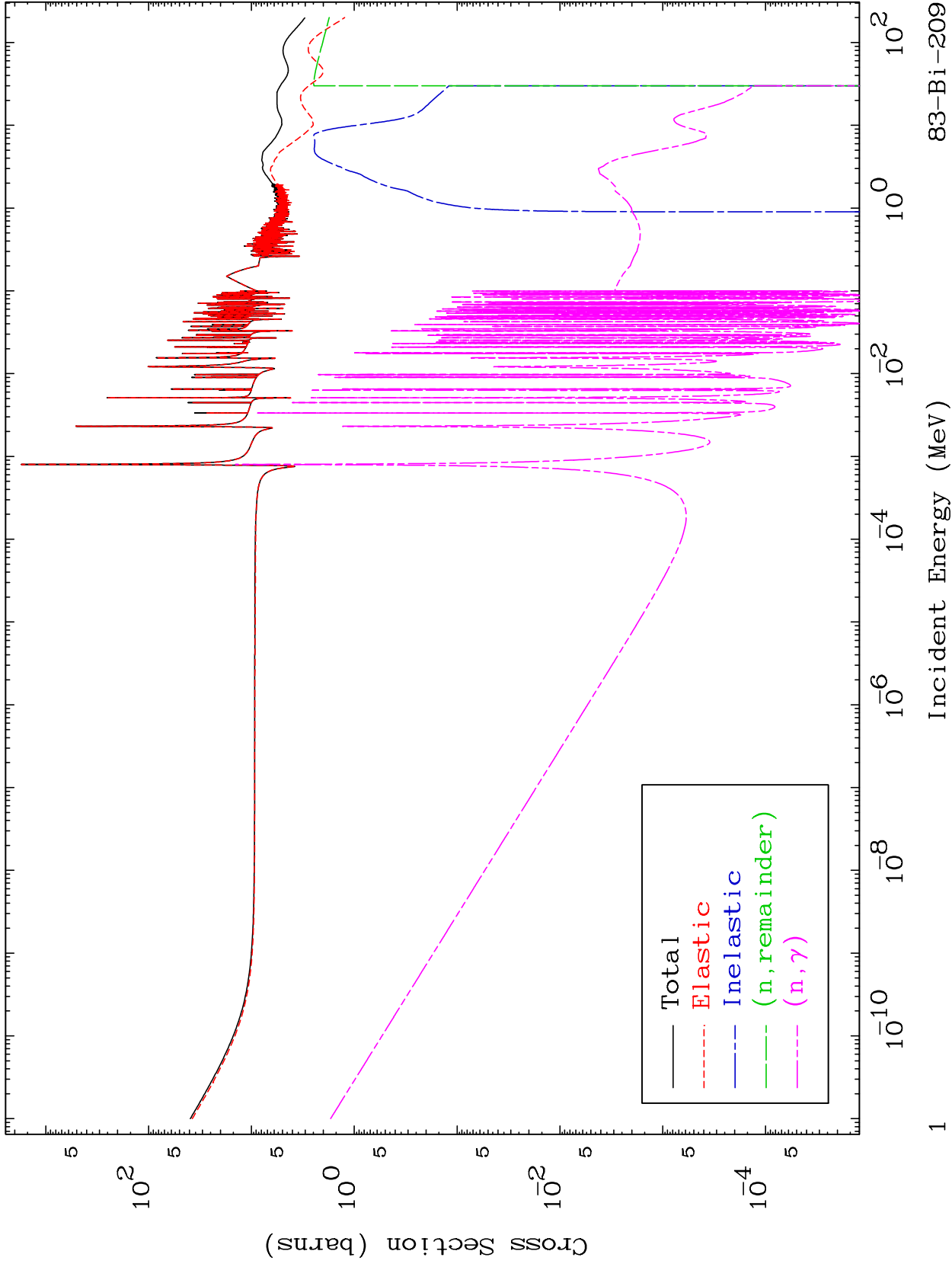
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8325

Major
293 Kelvin Cross Sections

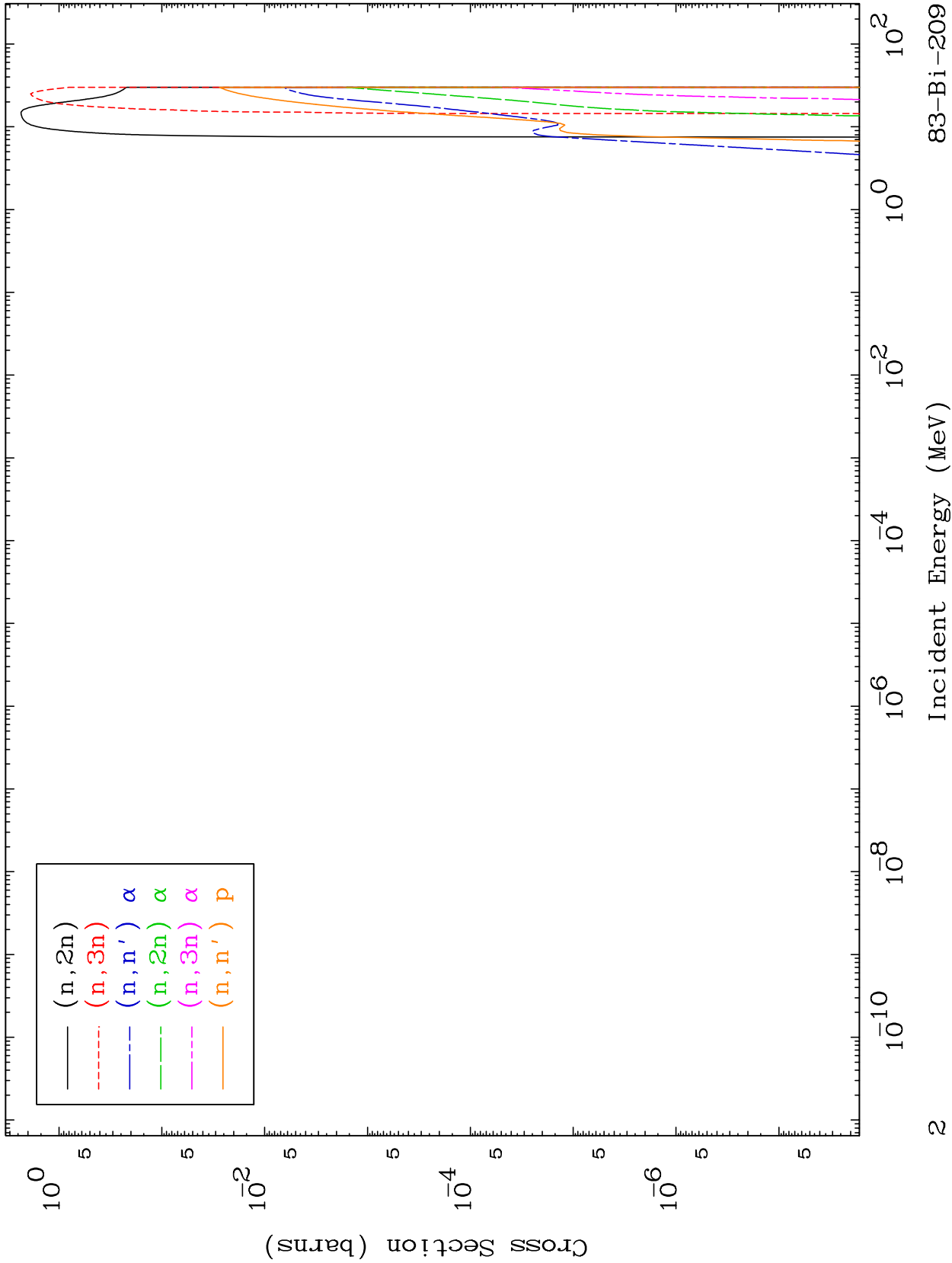
83-Bi-209

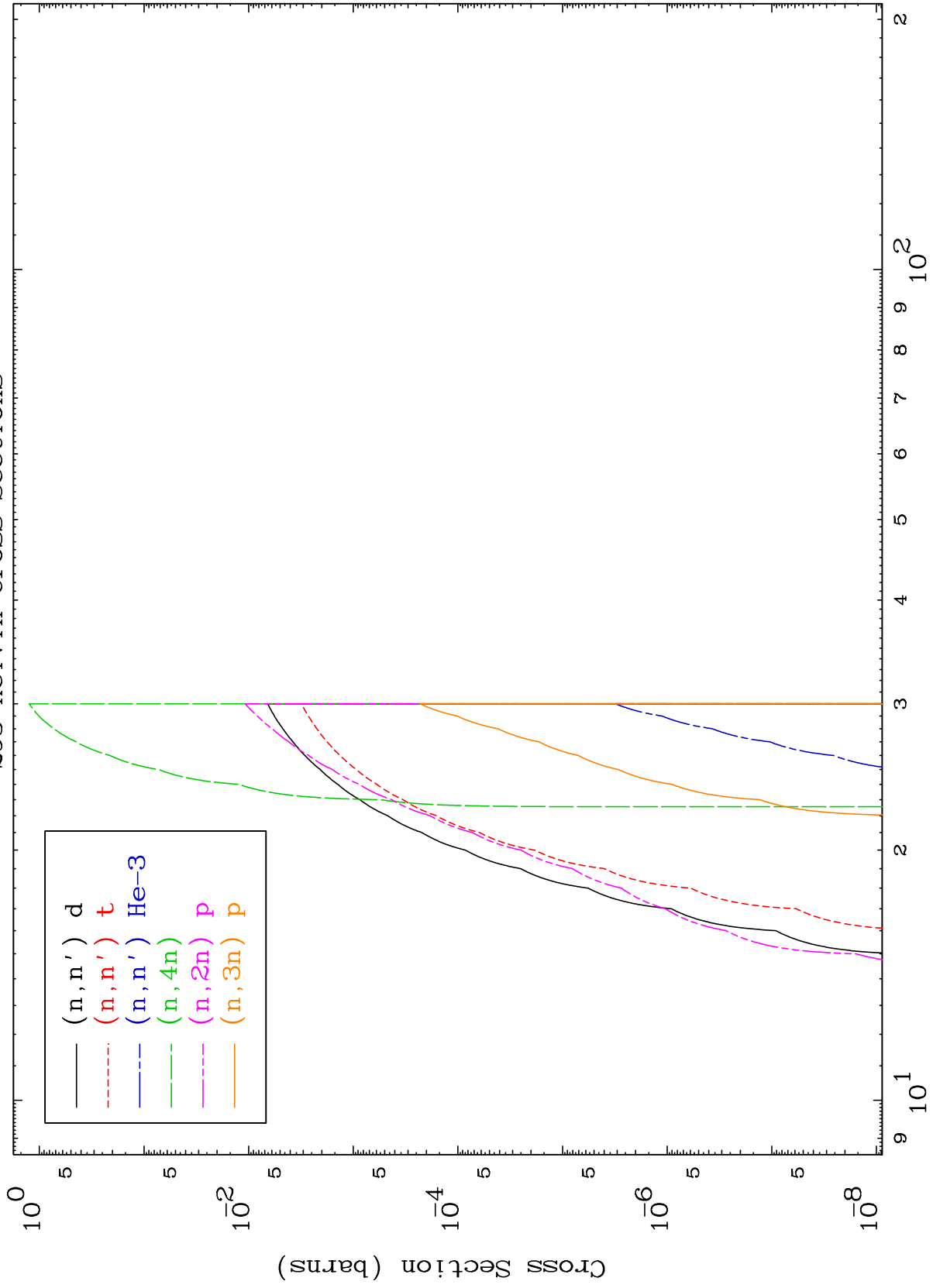


MAT 8325

Neutron Production
293 Kelvin Cross Sections

83-Bi-209

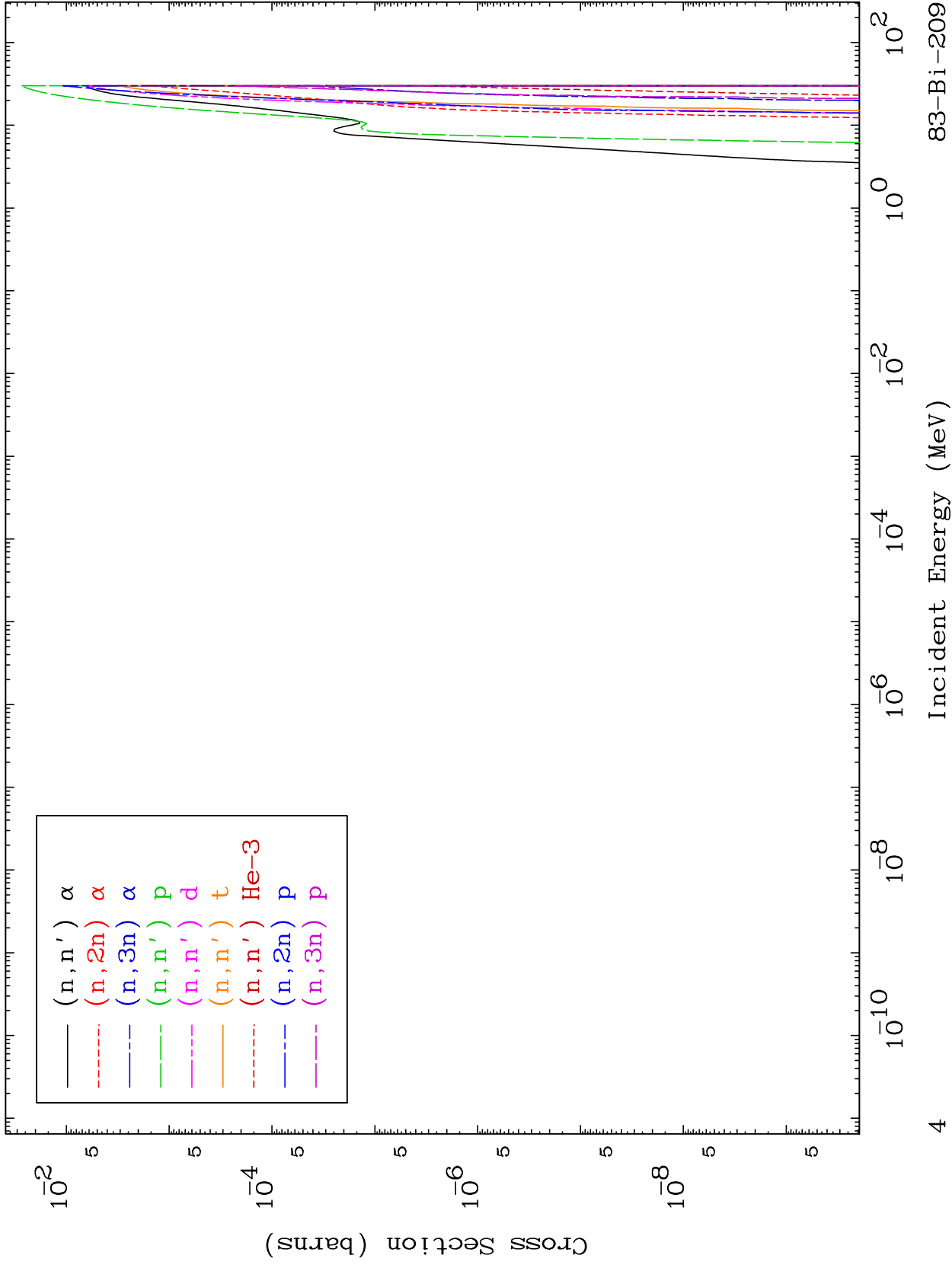




MAT 8325

Charged Particle
293 Kelvin Cross Sections

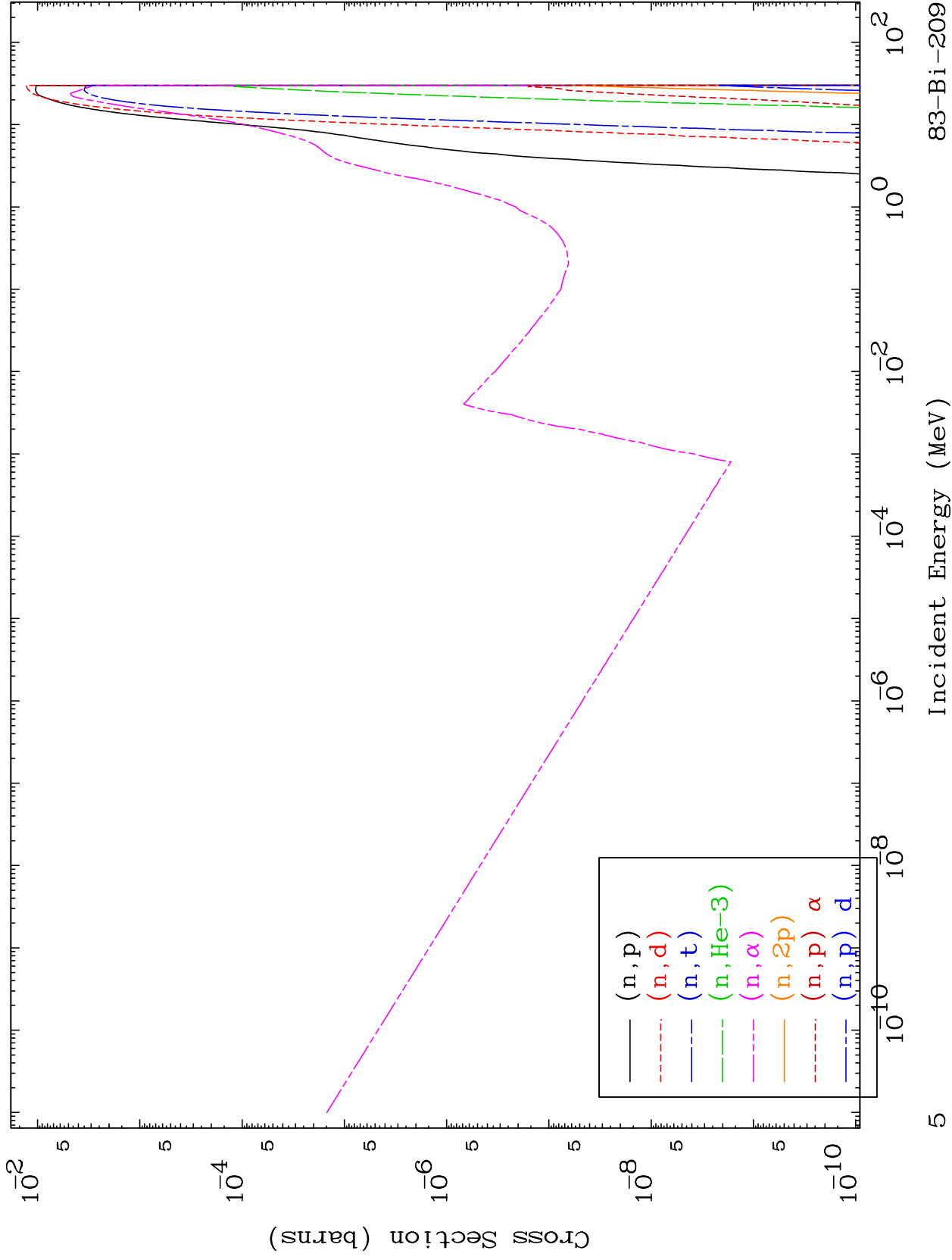
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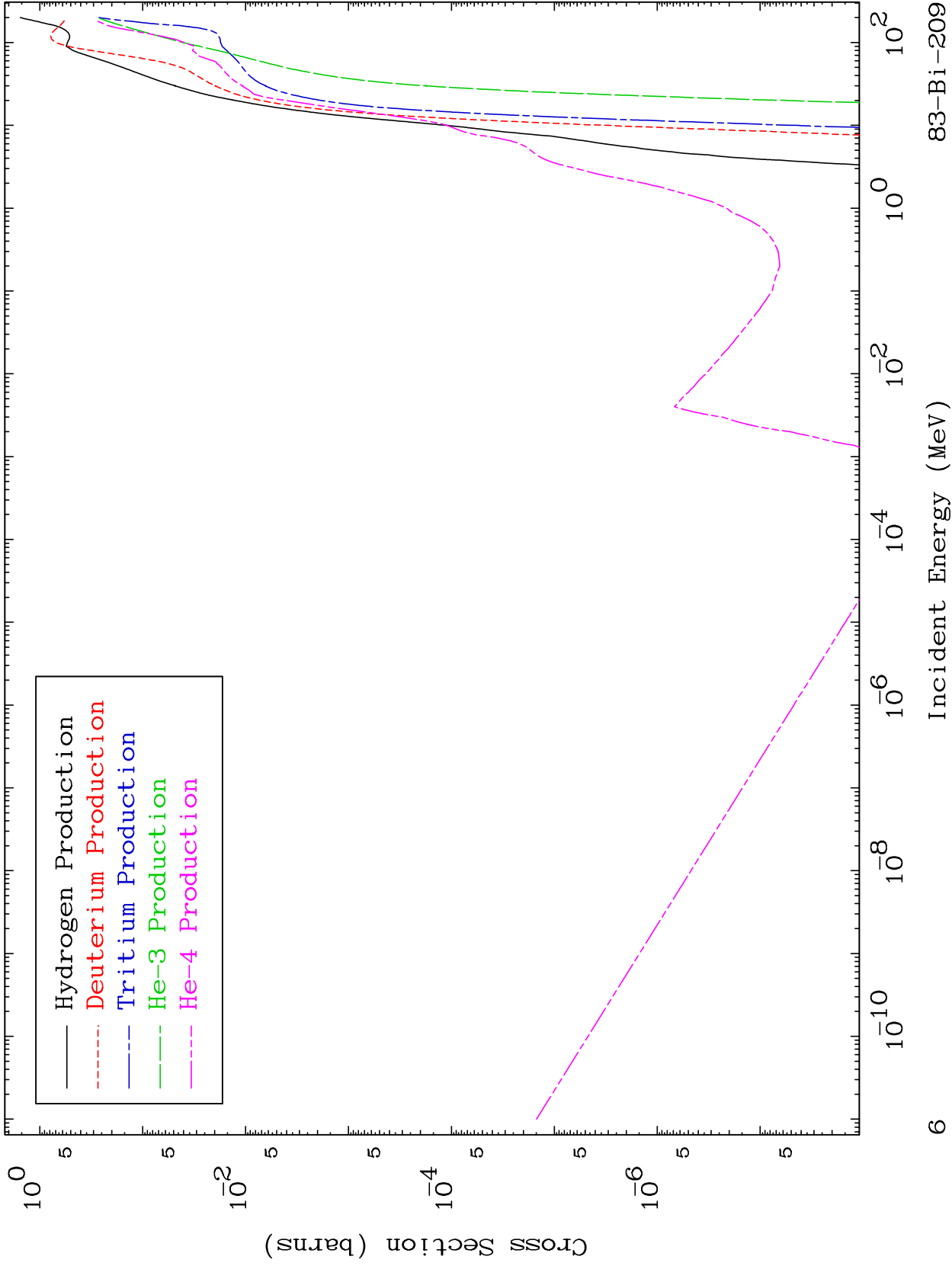


MAT 8325

Charged Particle
293 Kelvin Cross Sections

83-Bi-209

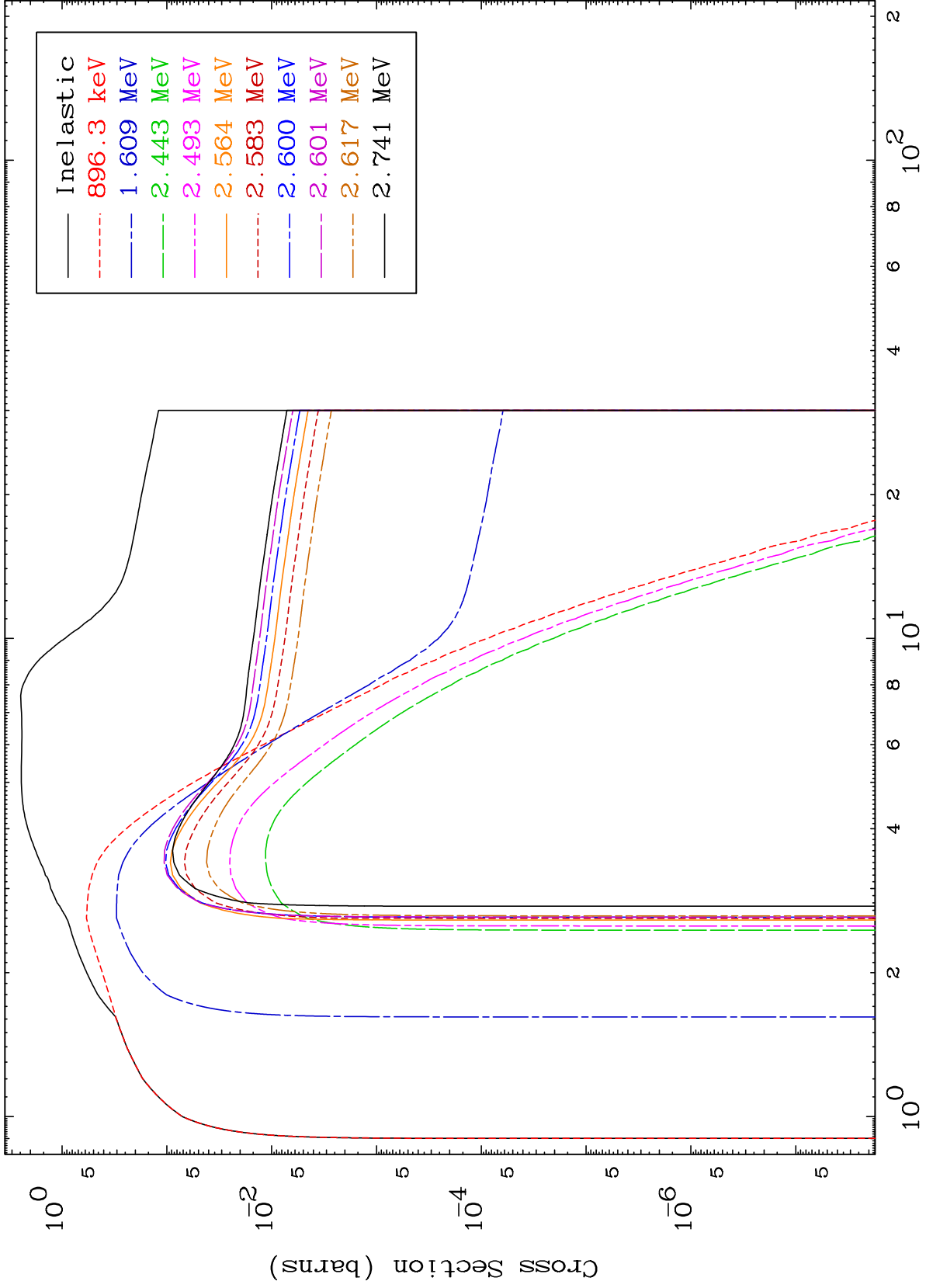




MAT 8325

(n,n') Level
293 Kelvin Cross Sections

83-Bi-209



Incident Energy (MeV)

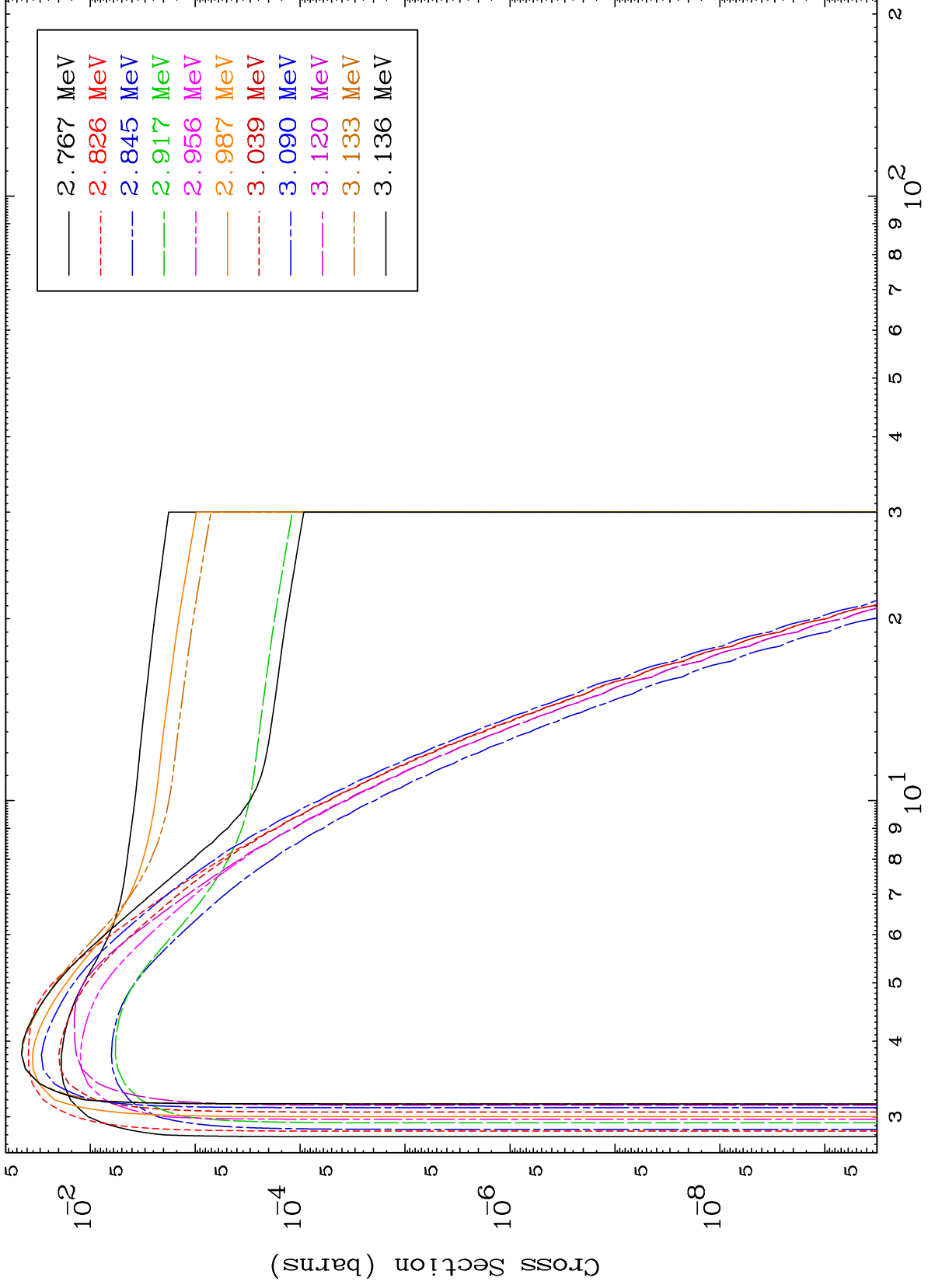
83-Bi-209

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MAT 8325

(n,n') Level
293 Kelvin Cross Sections

83-Bi-209



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Incident Energy (MeV)

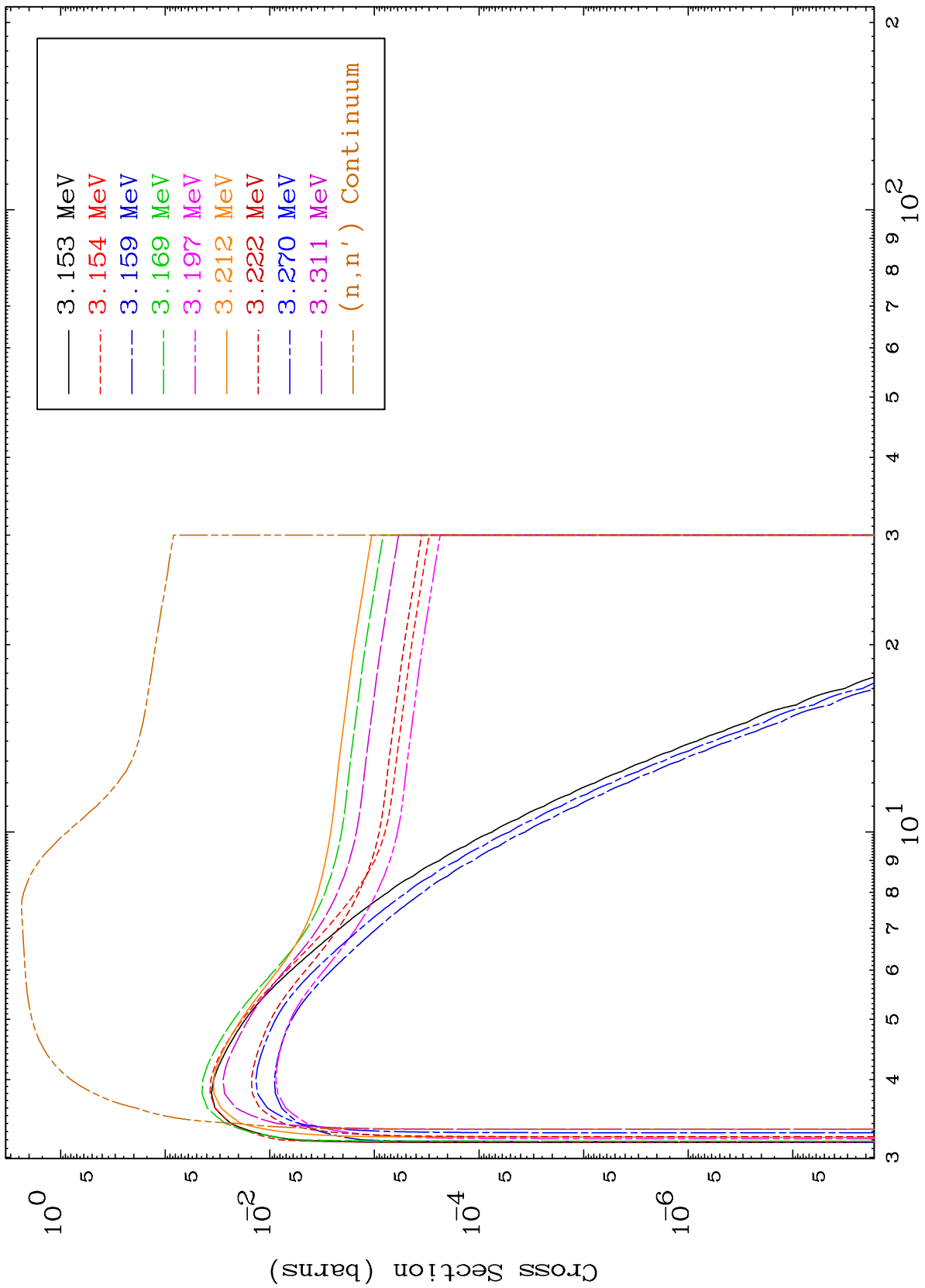
83-Bi-209

MAT 8325

(n,n') Level

83-Bi-209

293 Kelvin Cross Sections



9

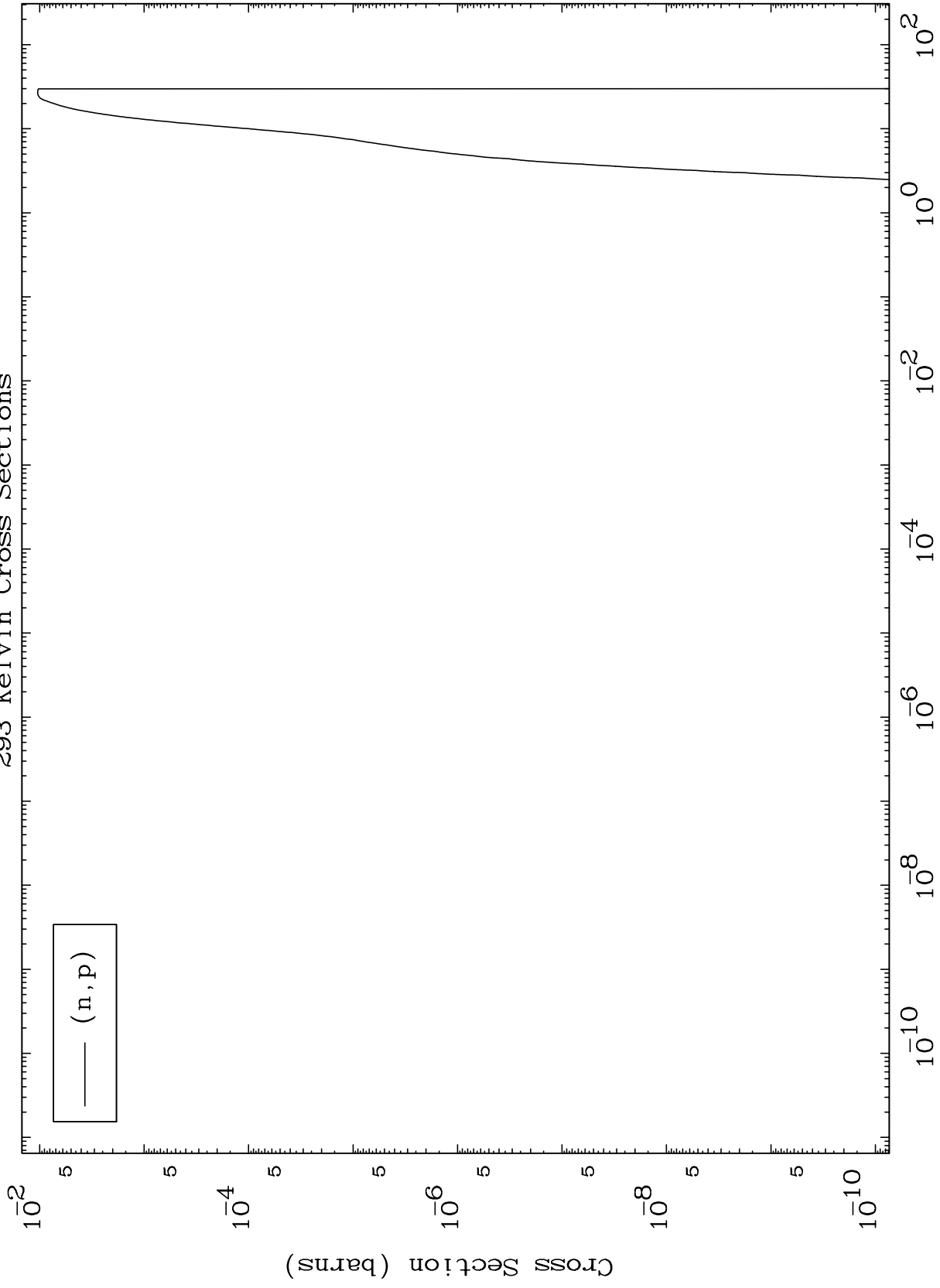
Incident Energy (MeV)

83-Bi-209

MAT 8325

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-209



(n,p)

10

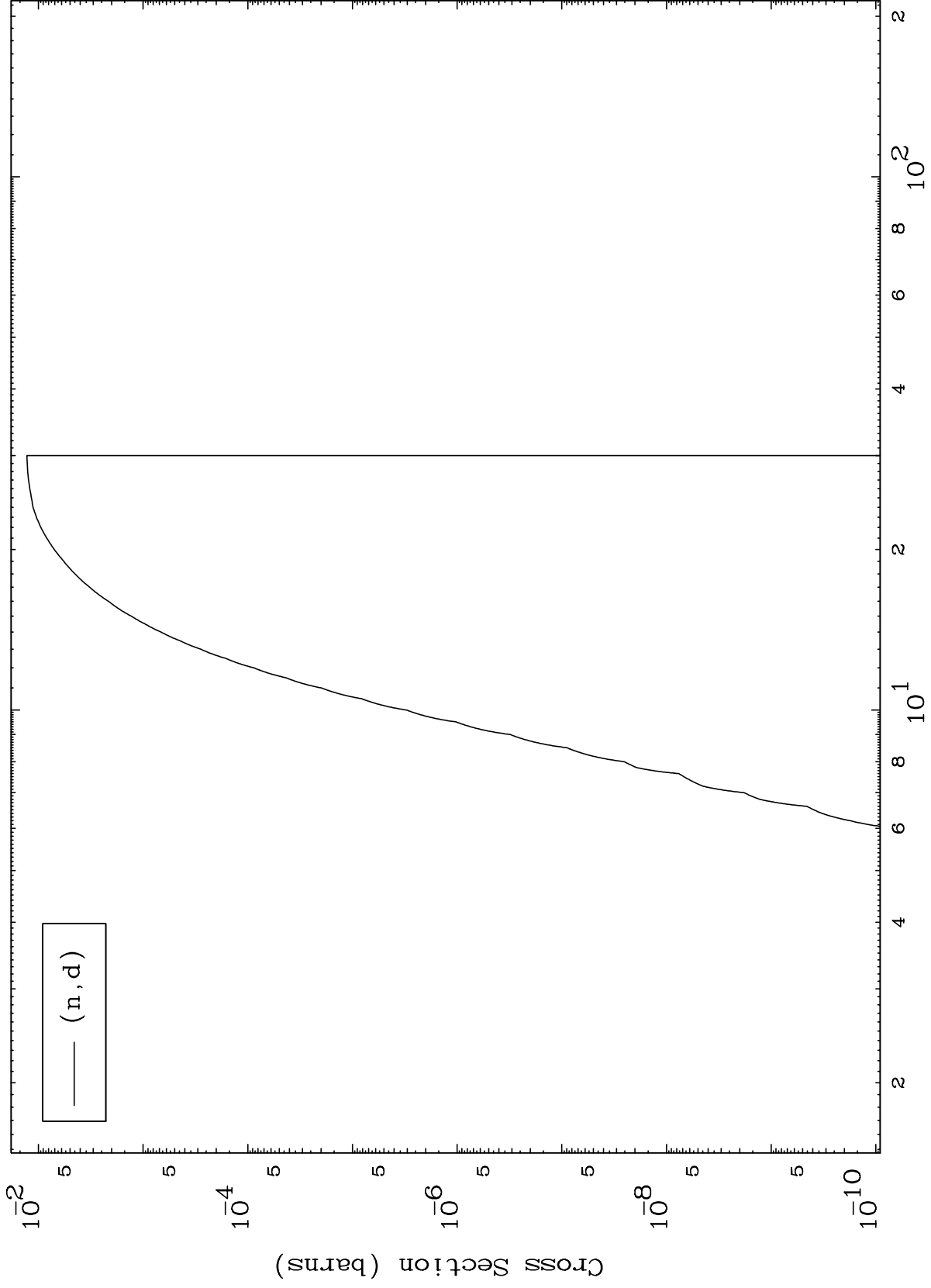
Incident Energy (MeV)

83-Bi-209

MAT 8325

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-209



11

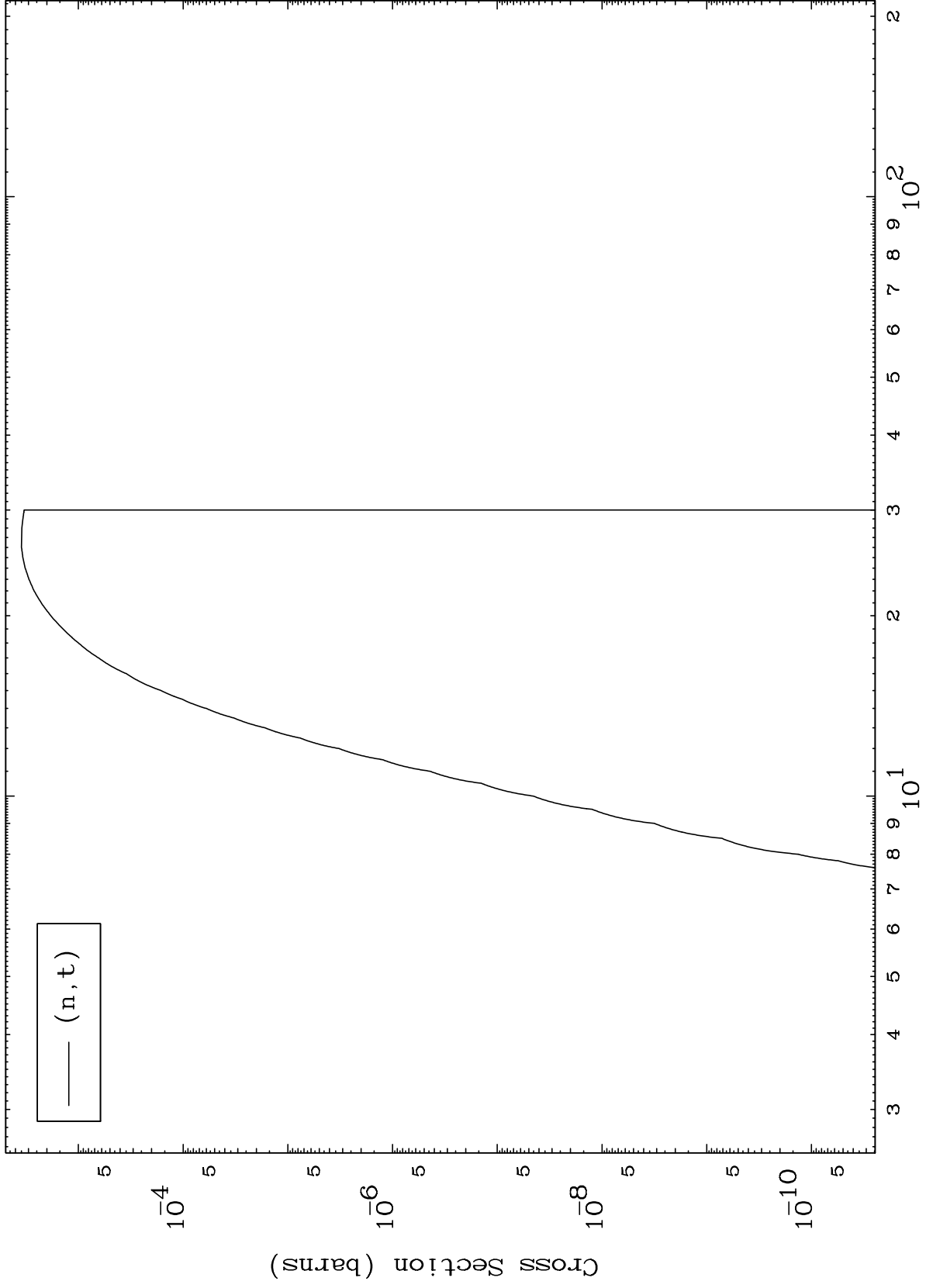
Incident Energy (MeV)

83-Bi-209

MAT 8325

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-209



12

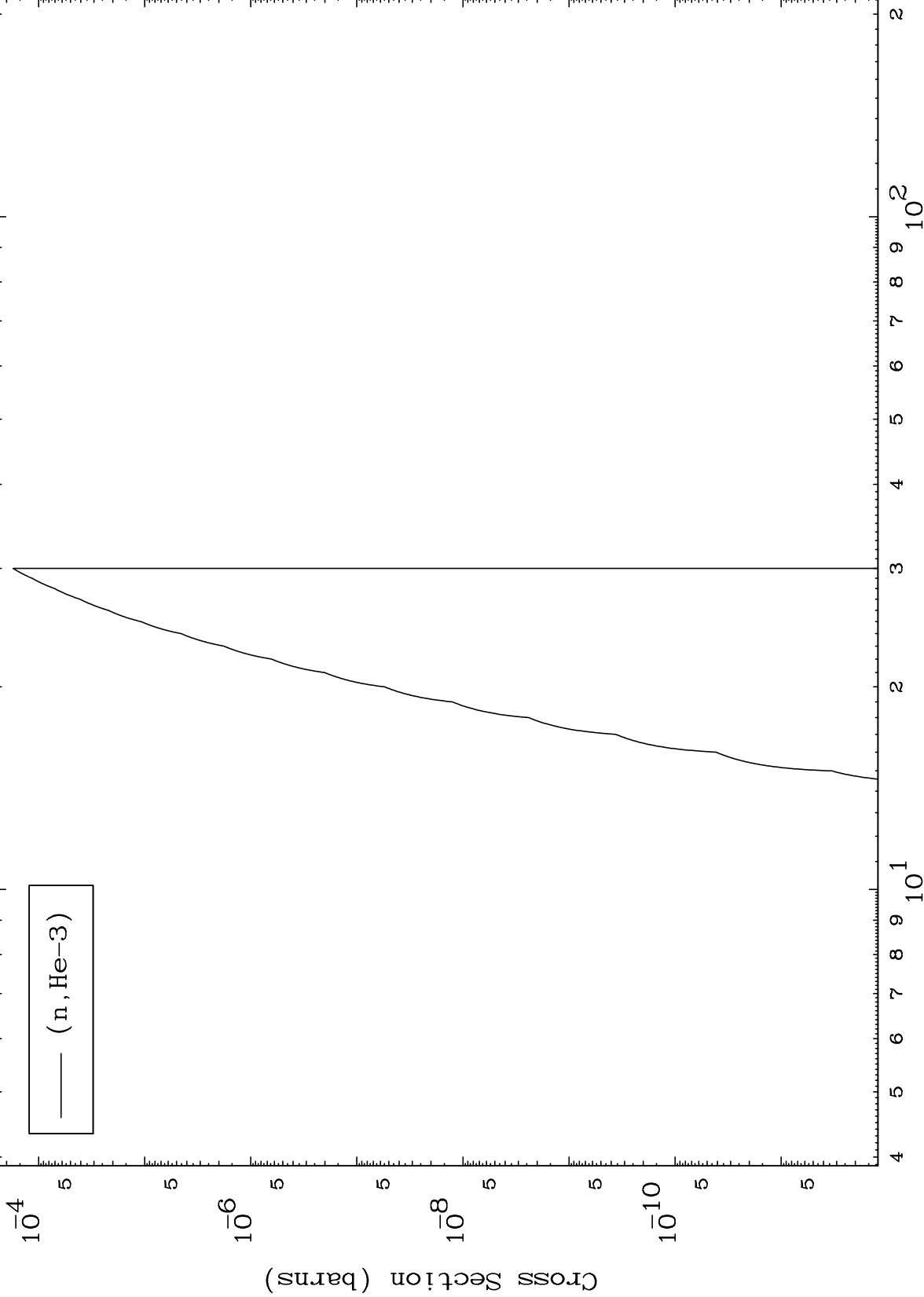
Incident Energy (MeV)

83-Bi-209

MAT 8325

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-209



13

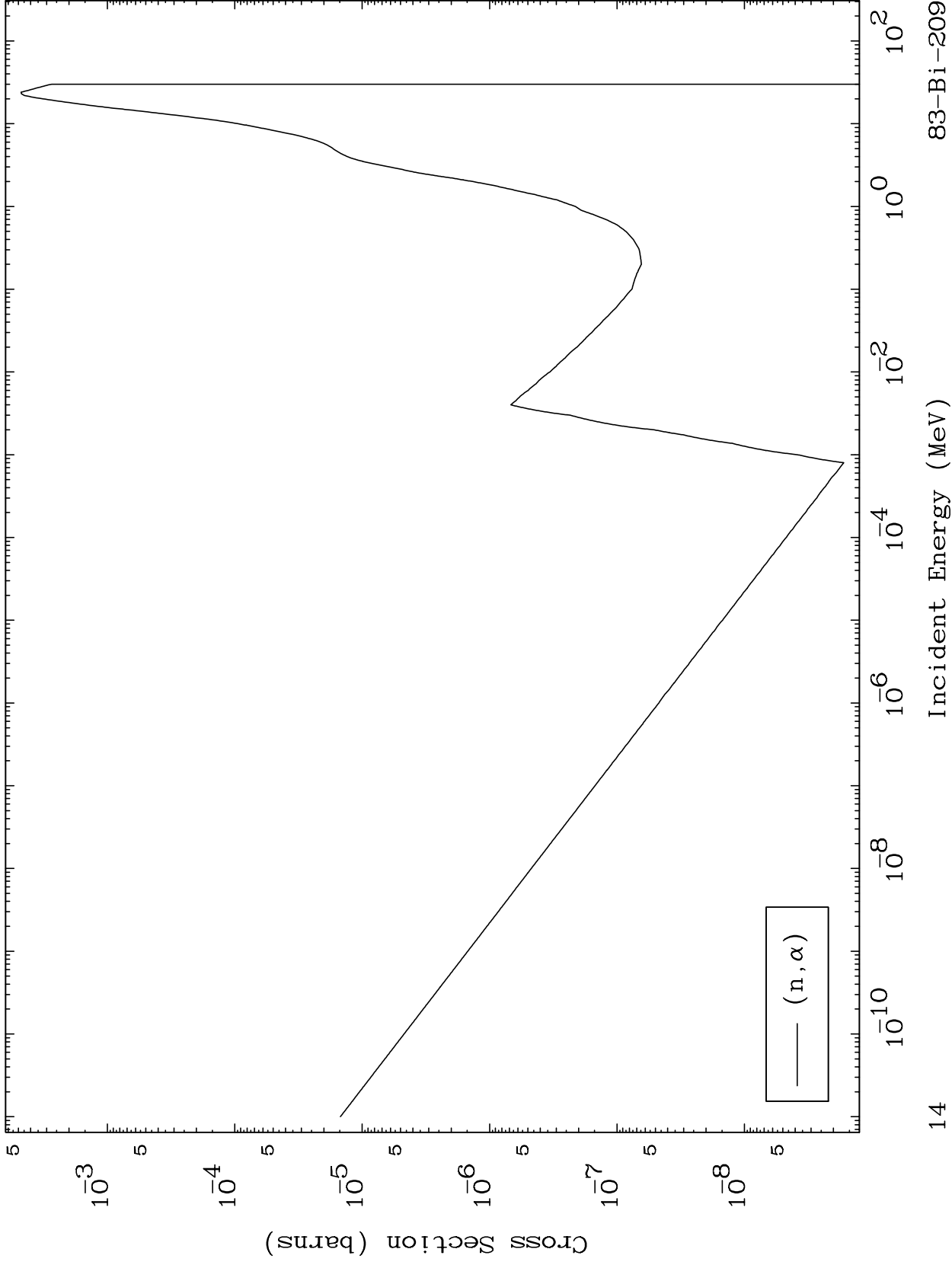
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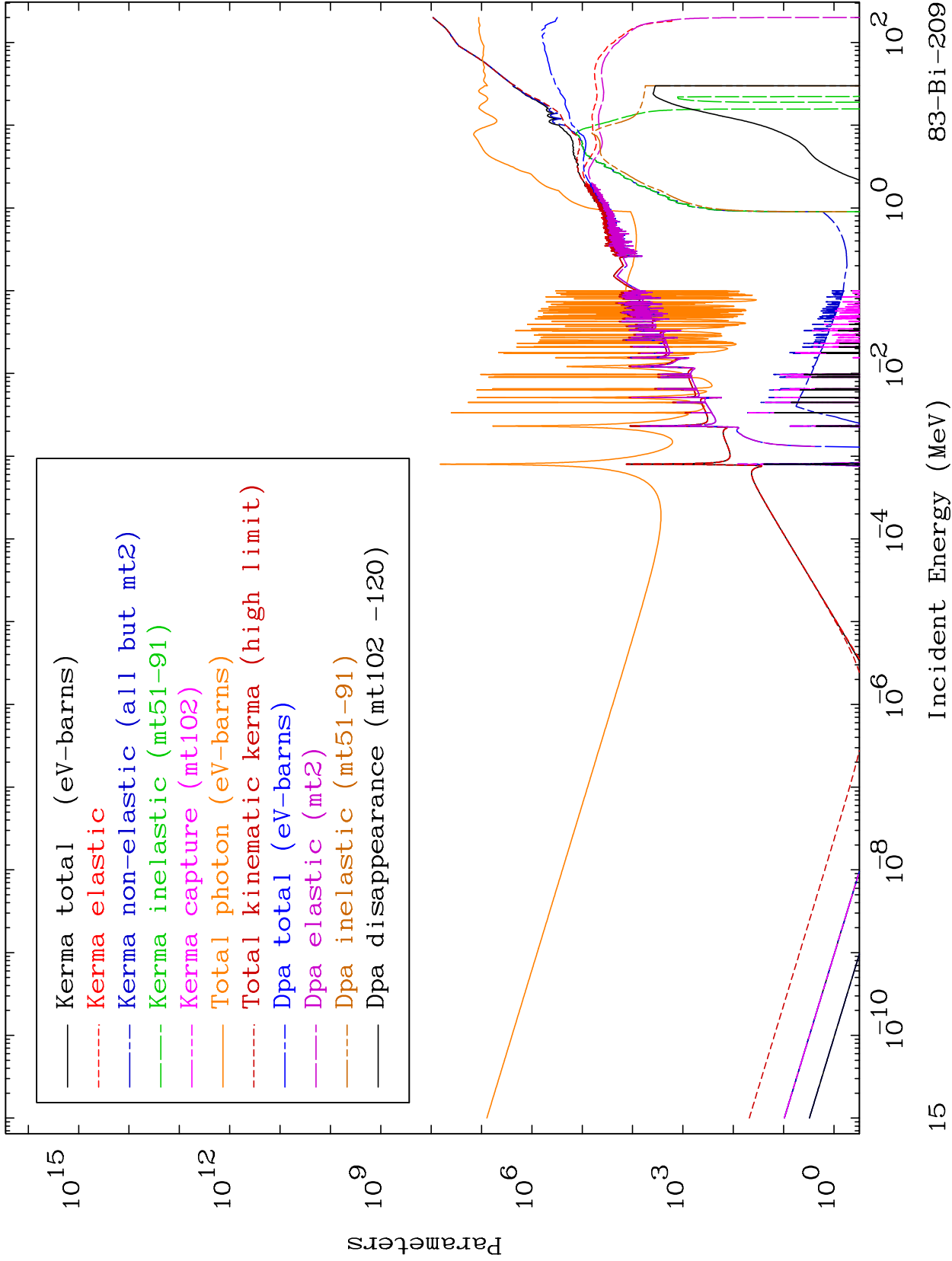
83-Bi-209

MAT 8325

(n,α) Levels
293 Kelvin Cross Sections

83-Bi-209

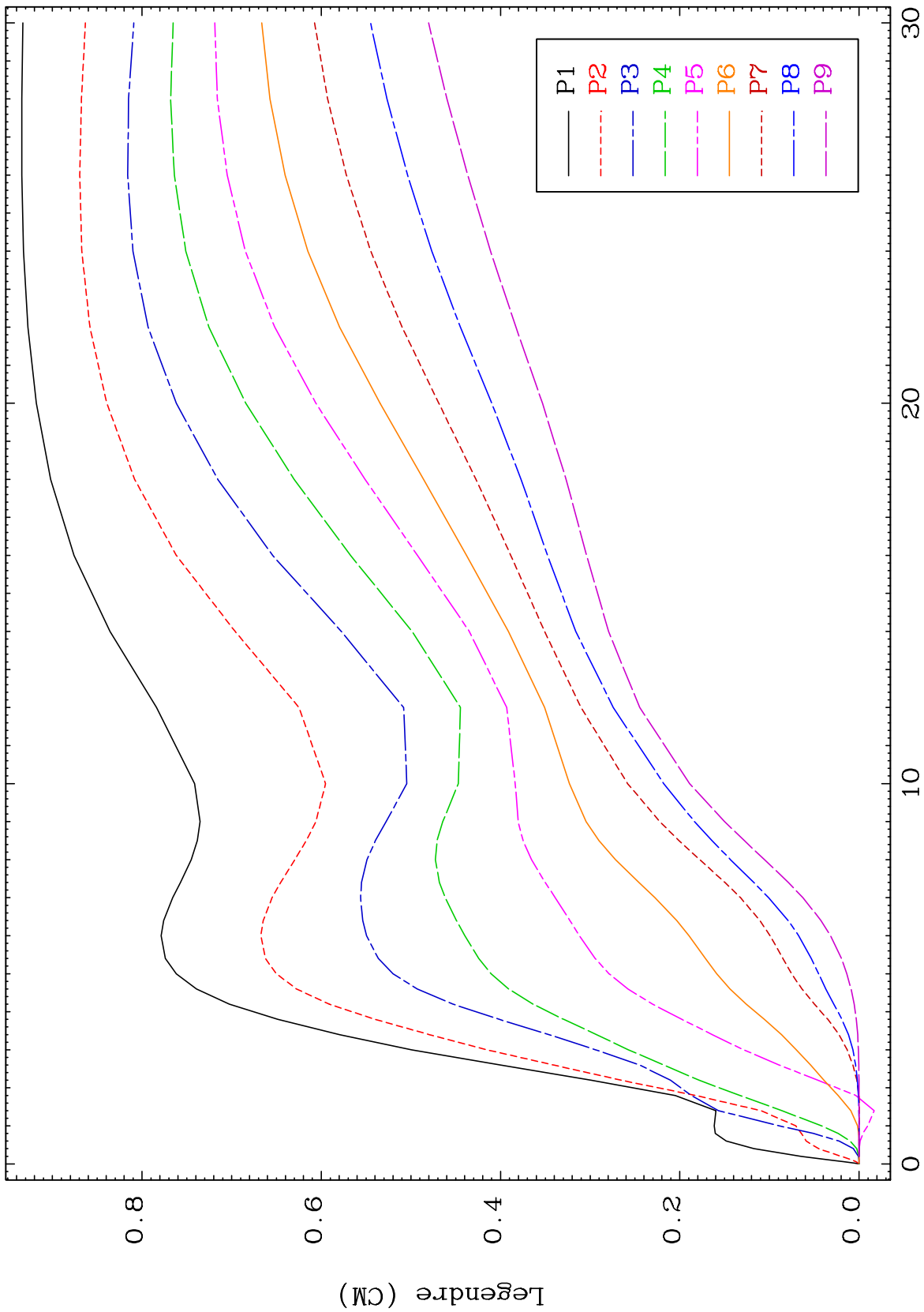




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83-Bi-209

Elastic Legendre Coefficients



83-Bi-209

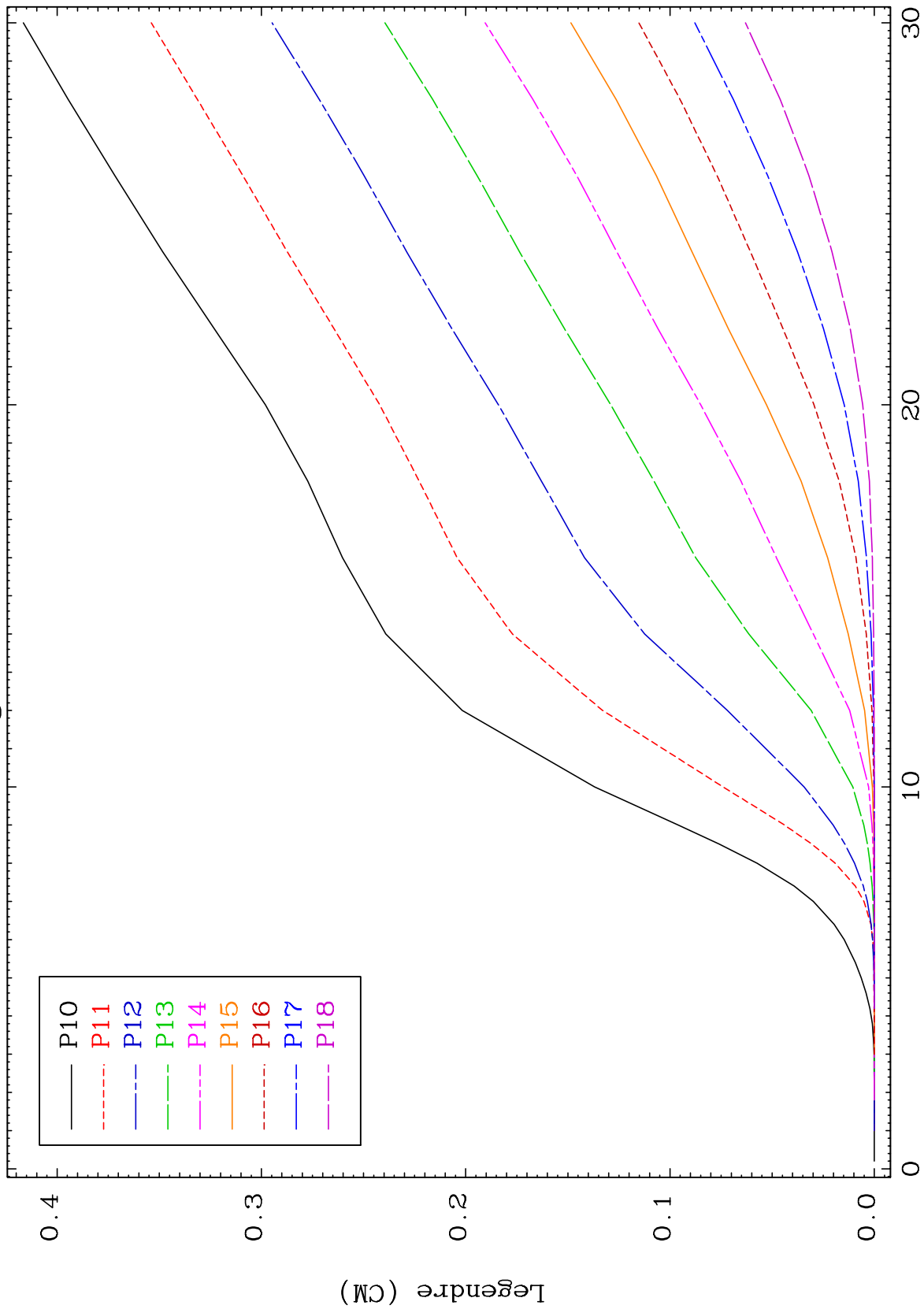
Incident Energy (MeV)

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MAT 8325

Elastic Legendre Coefficients

83-Bi-209



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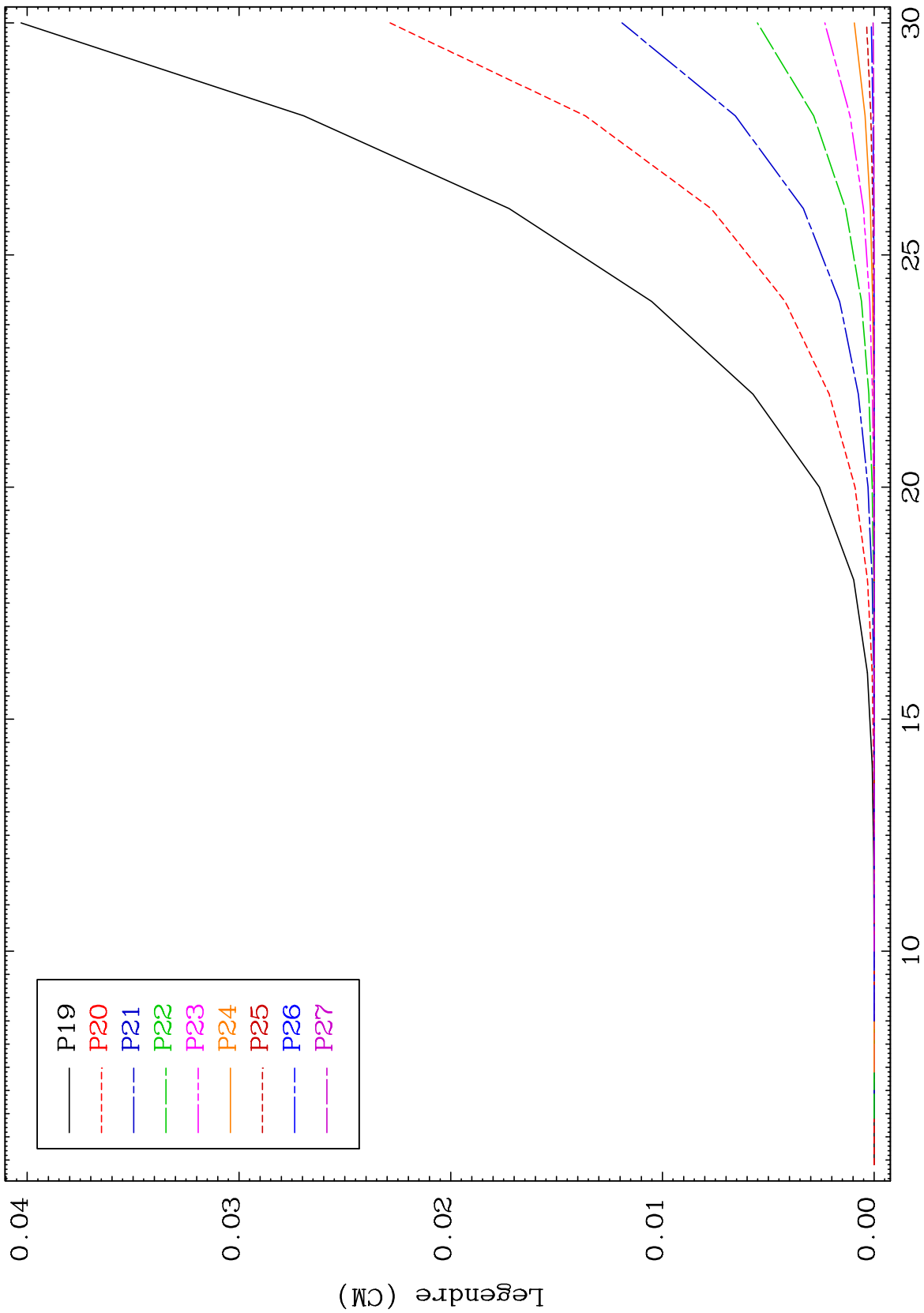
Incident Energy (MeV)

83-Bi-209

MAT 8325

Elastic Legendre Coefficients

83-Bi-209



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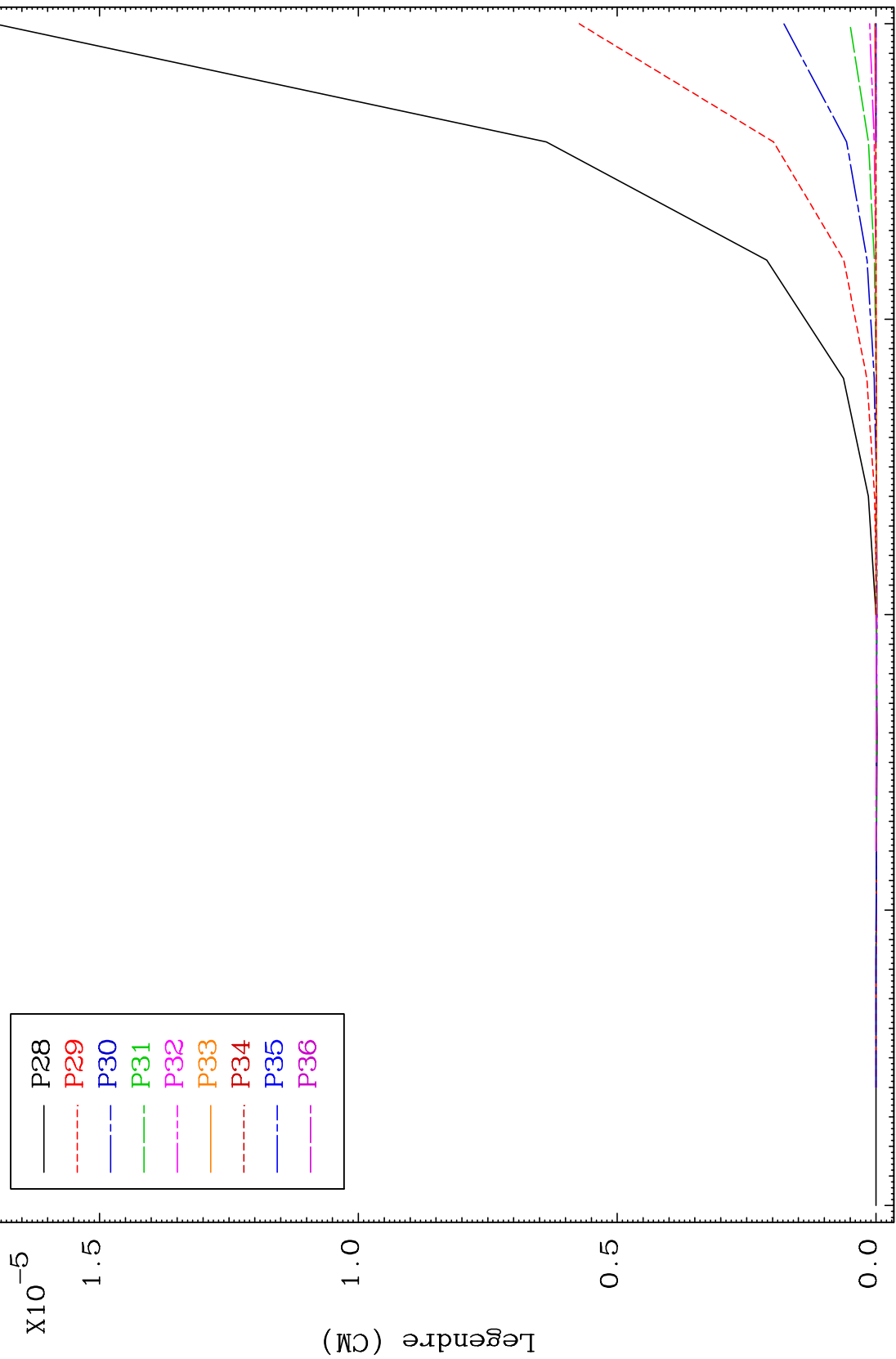
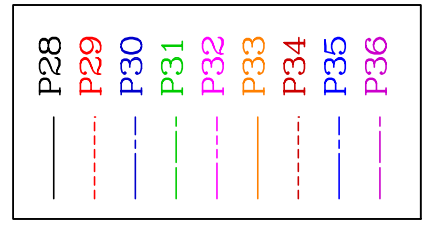
Incident Energy (MeV)

83-Bi-209

MAT 8325

Elastic Legendre Coefficients

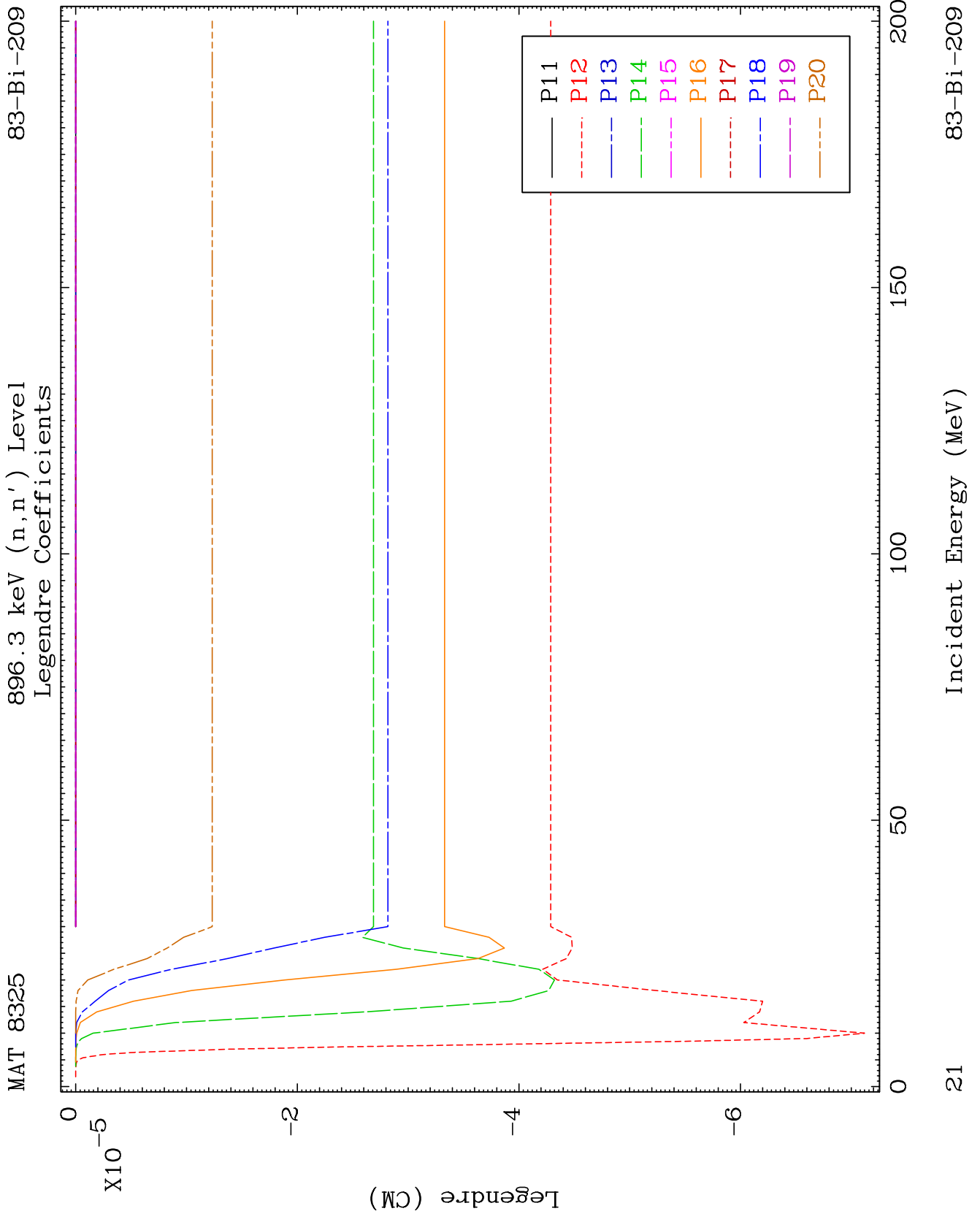
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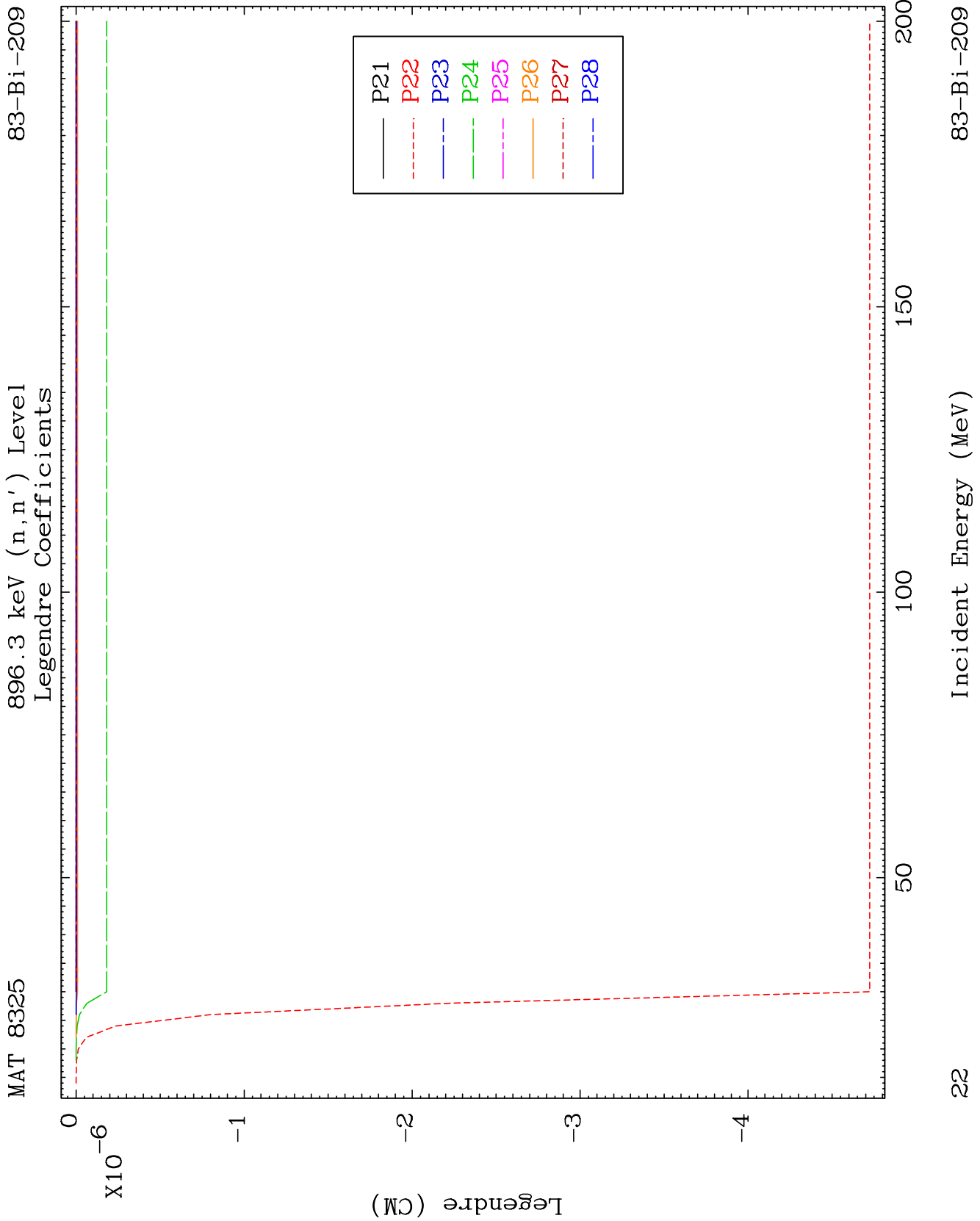


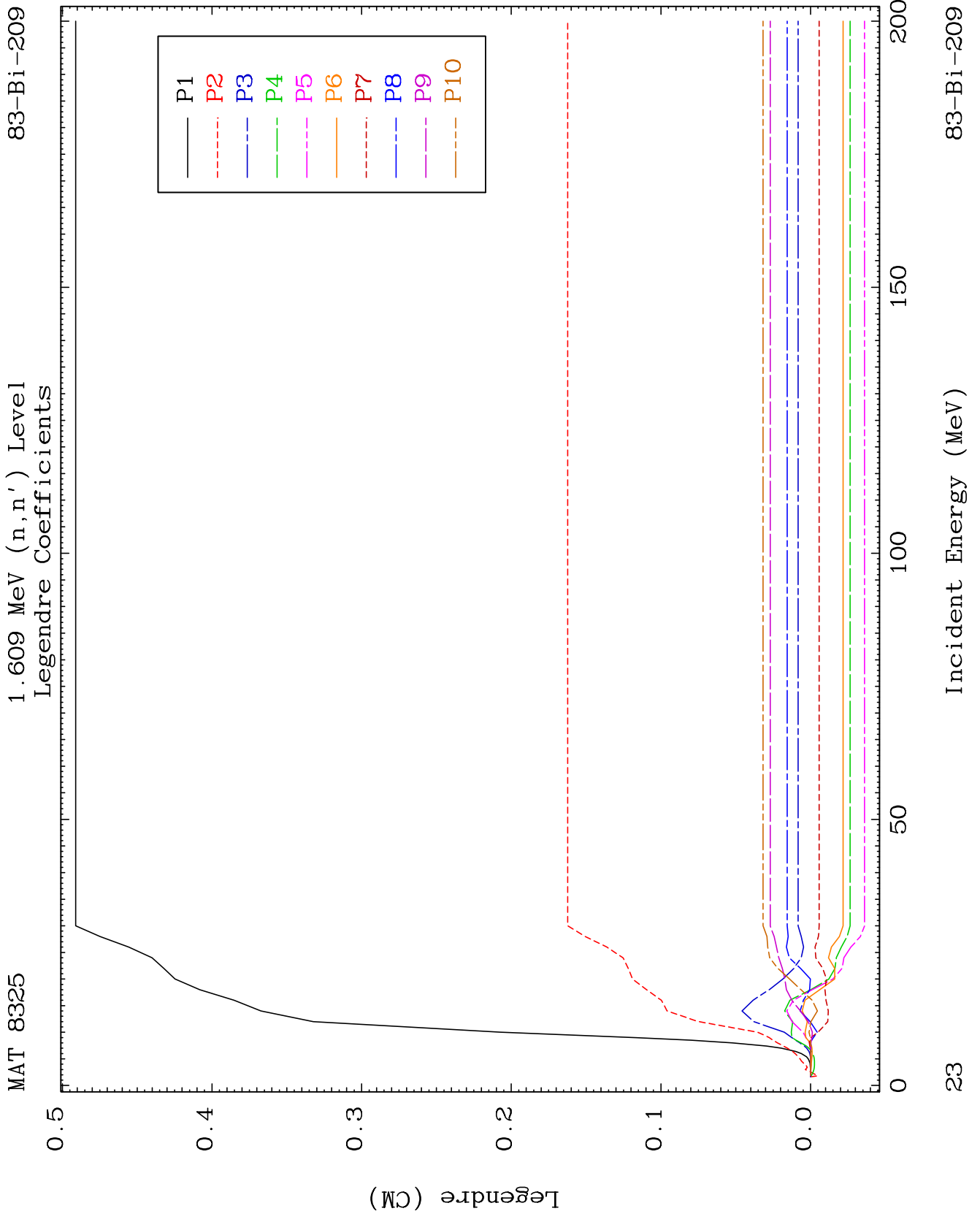
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Incident Energy (MeV)

83-Bi-209



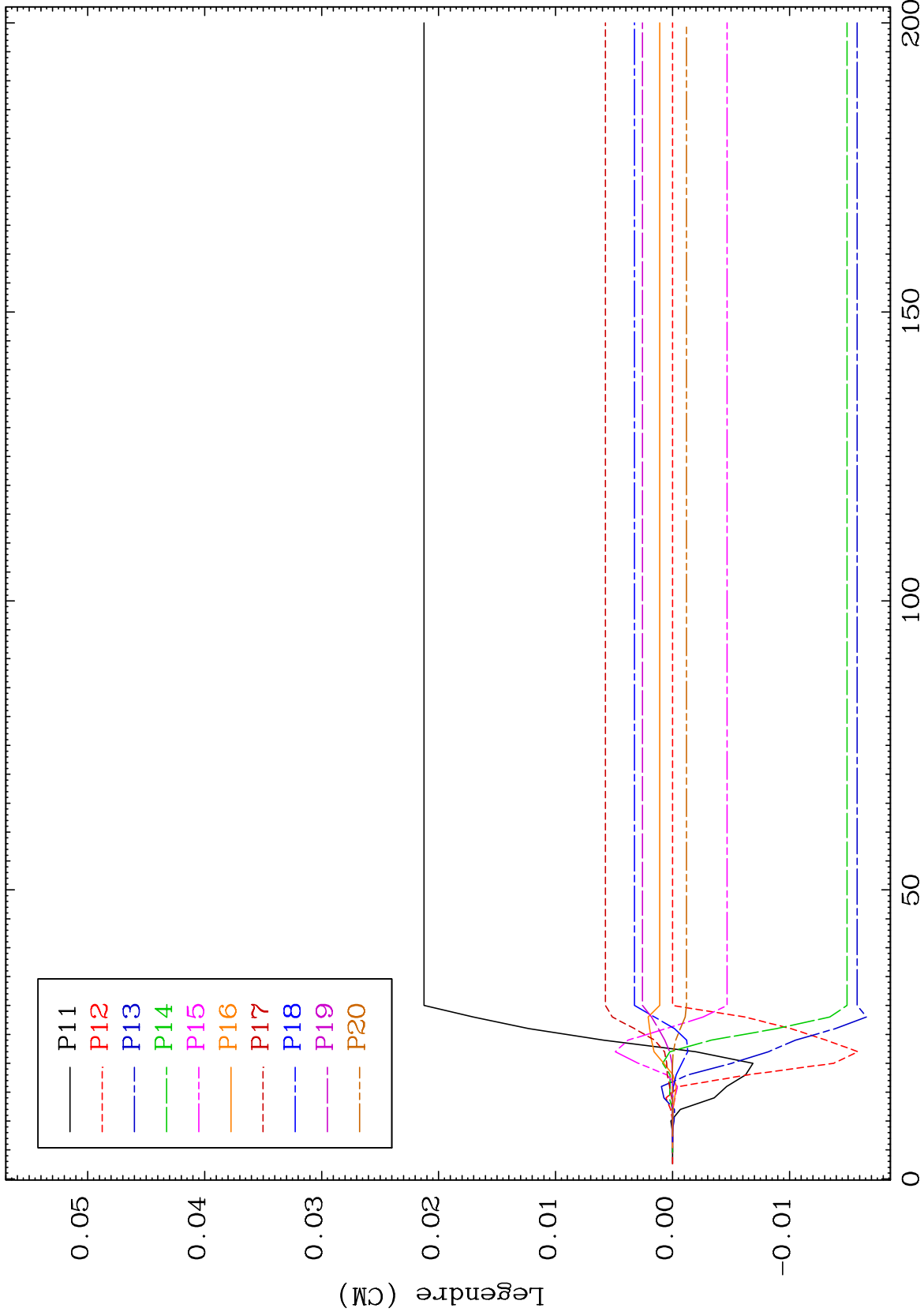




MAT 8325

1.609 MeV (n,n') Level
Legendre Coefficients

83-Bi-209



24

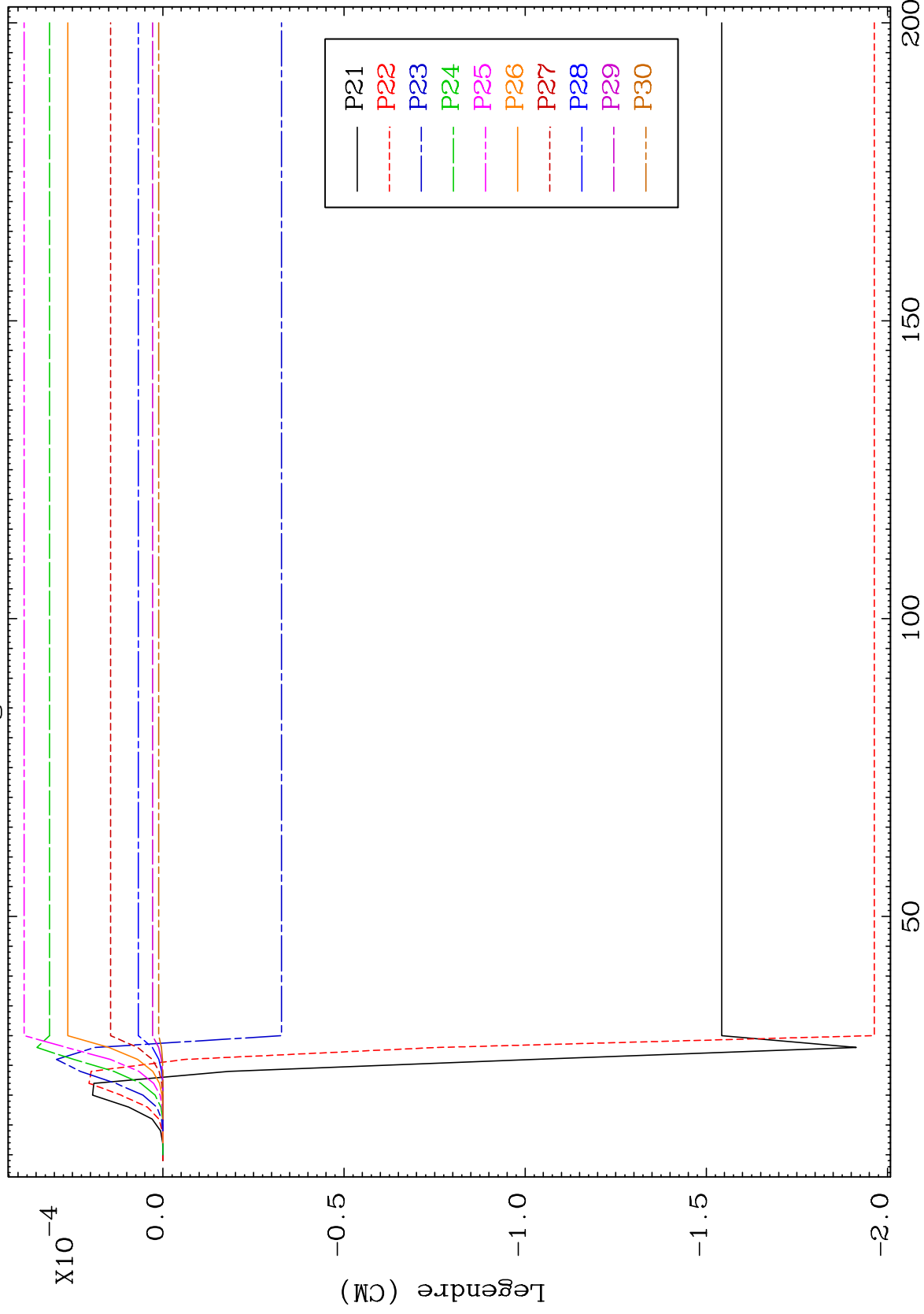
Incident Energy (MeV)

83-Bi-209

MAT 8325

1.609 MeV (n,n') Level
Legendre Coefficients

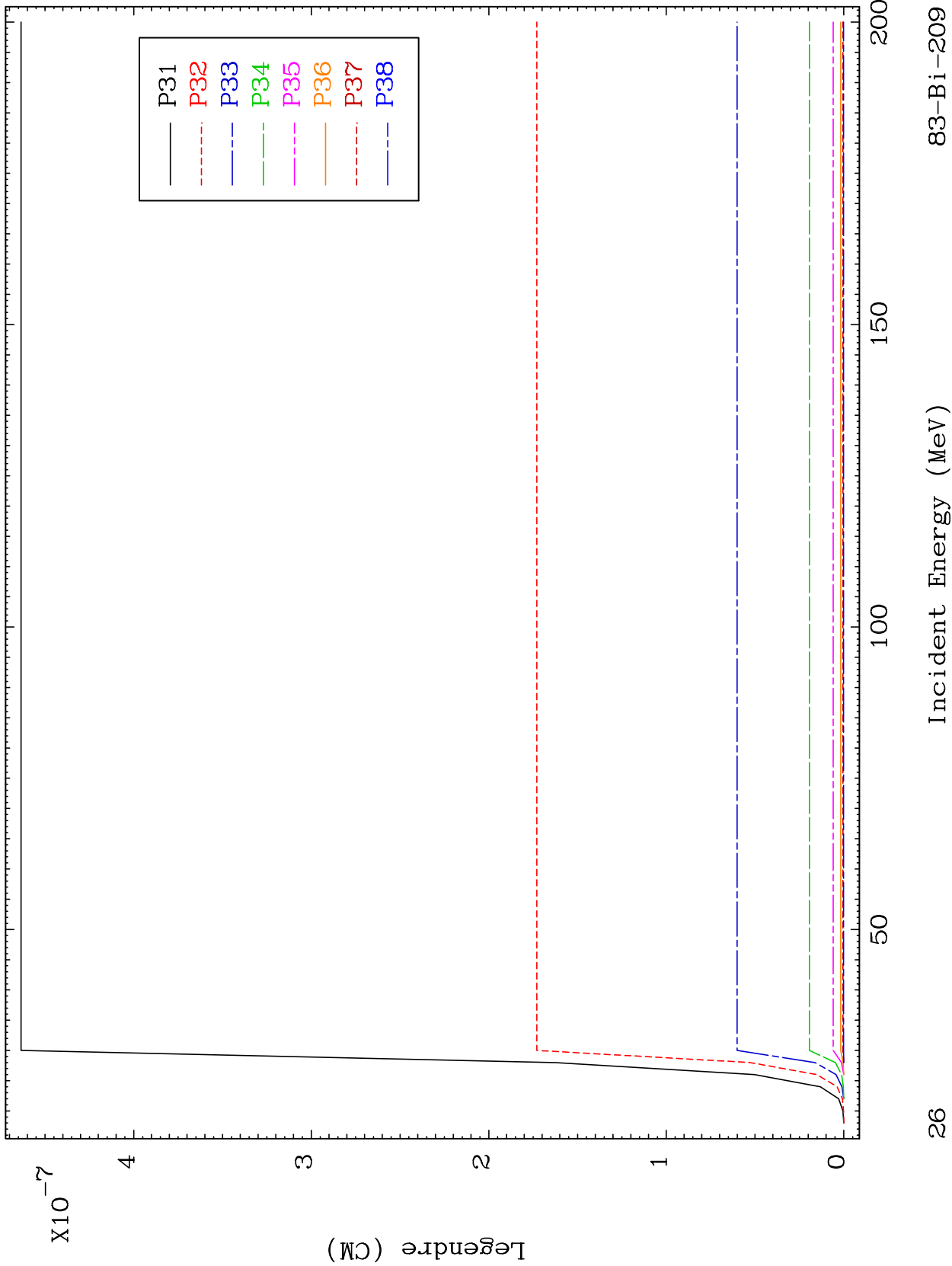
83-Bi-209



25

Incident Energy (MeV)

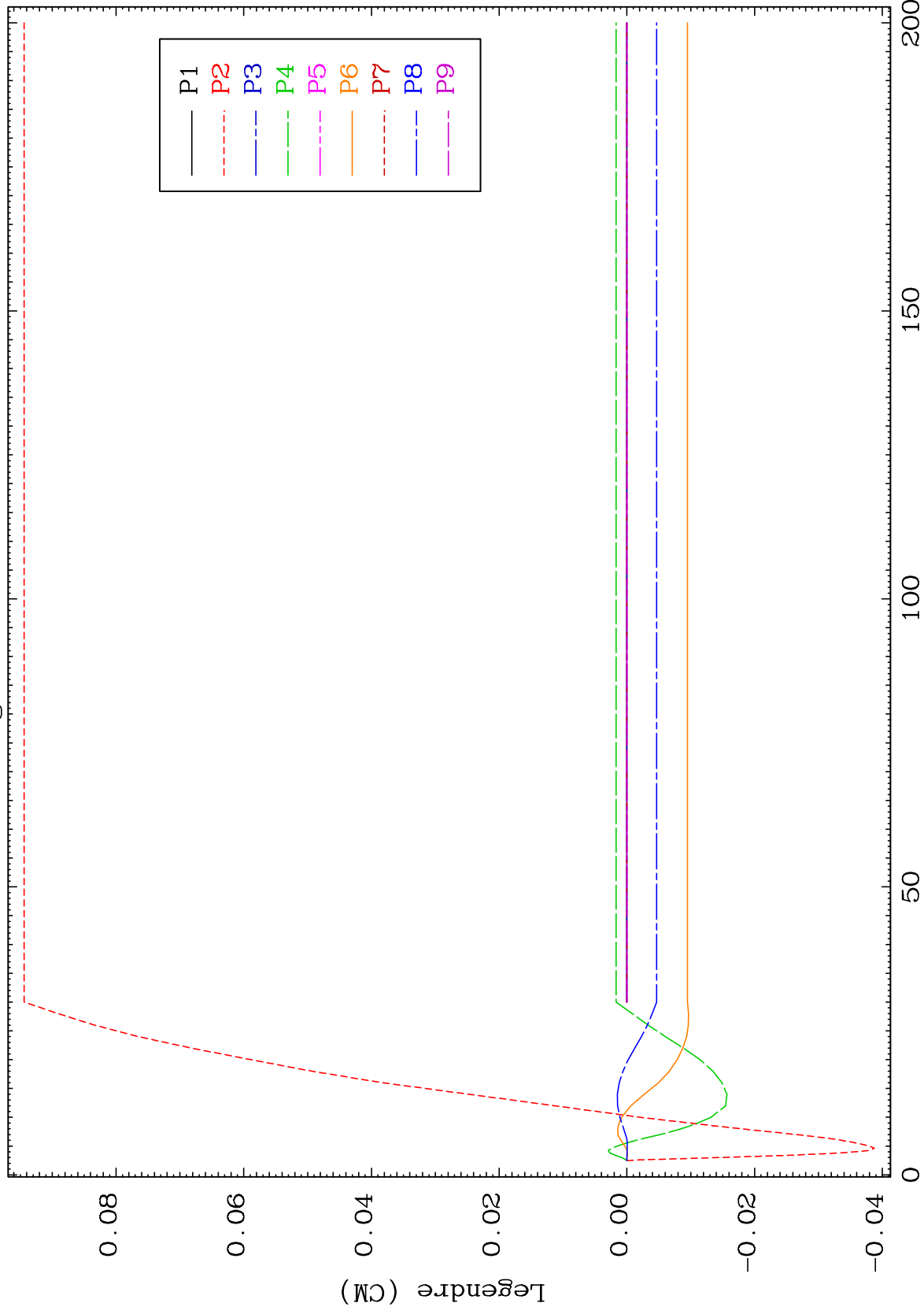
83-Bi-209



MAT 8325

2.443 MeV (n,n') Level
Legendre Coefficients

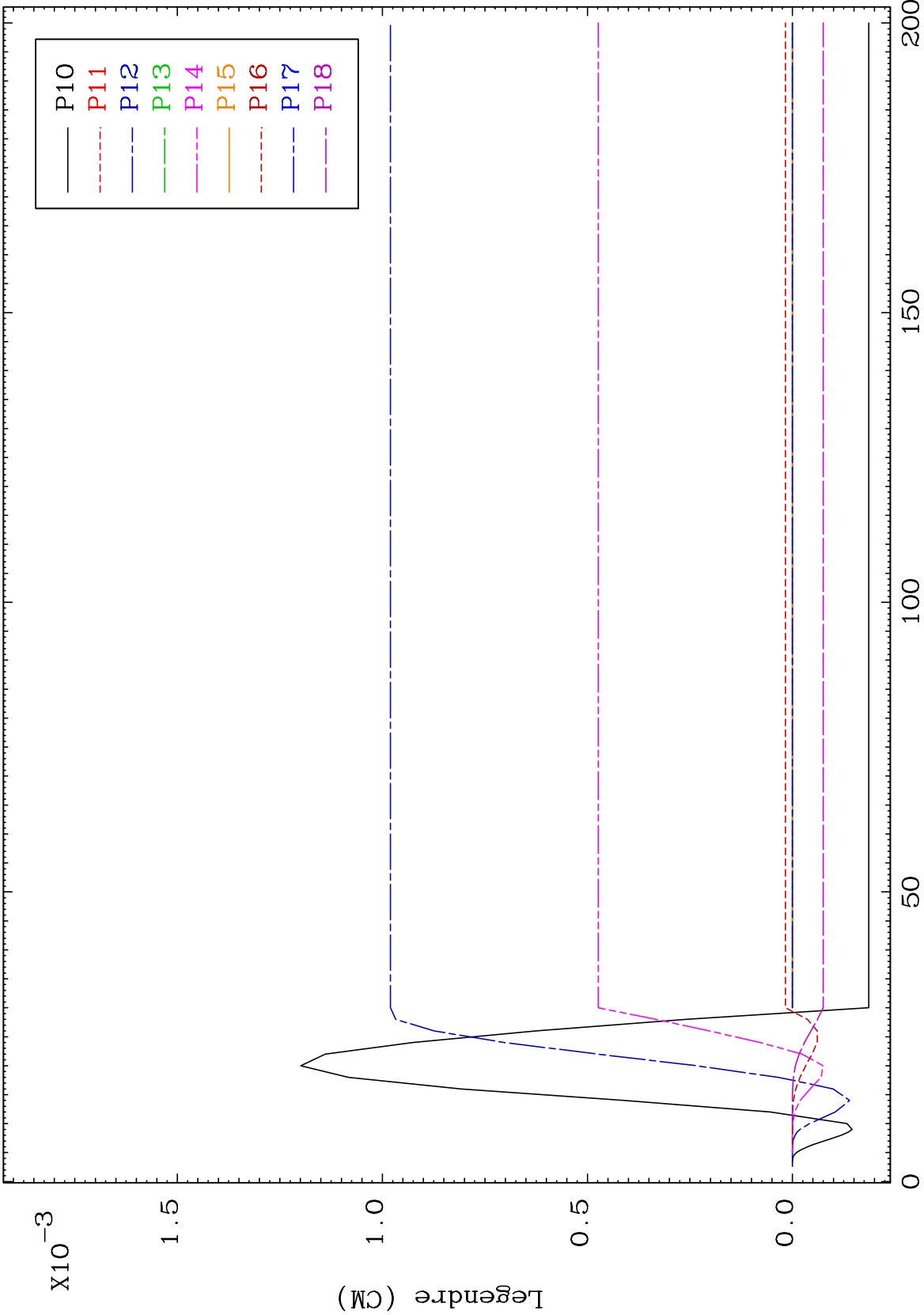
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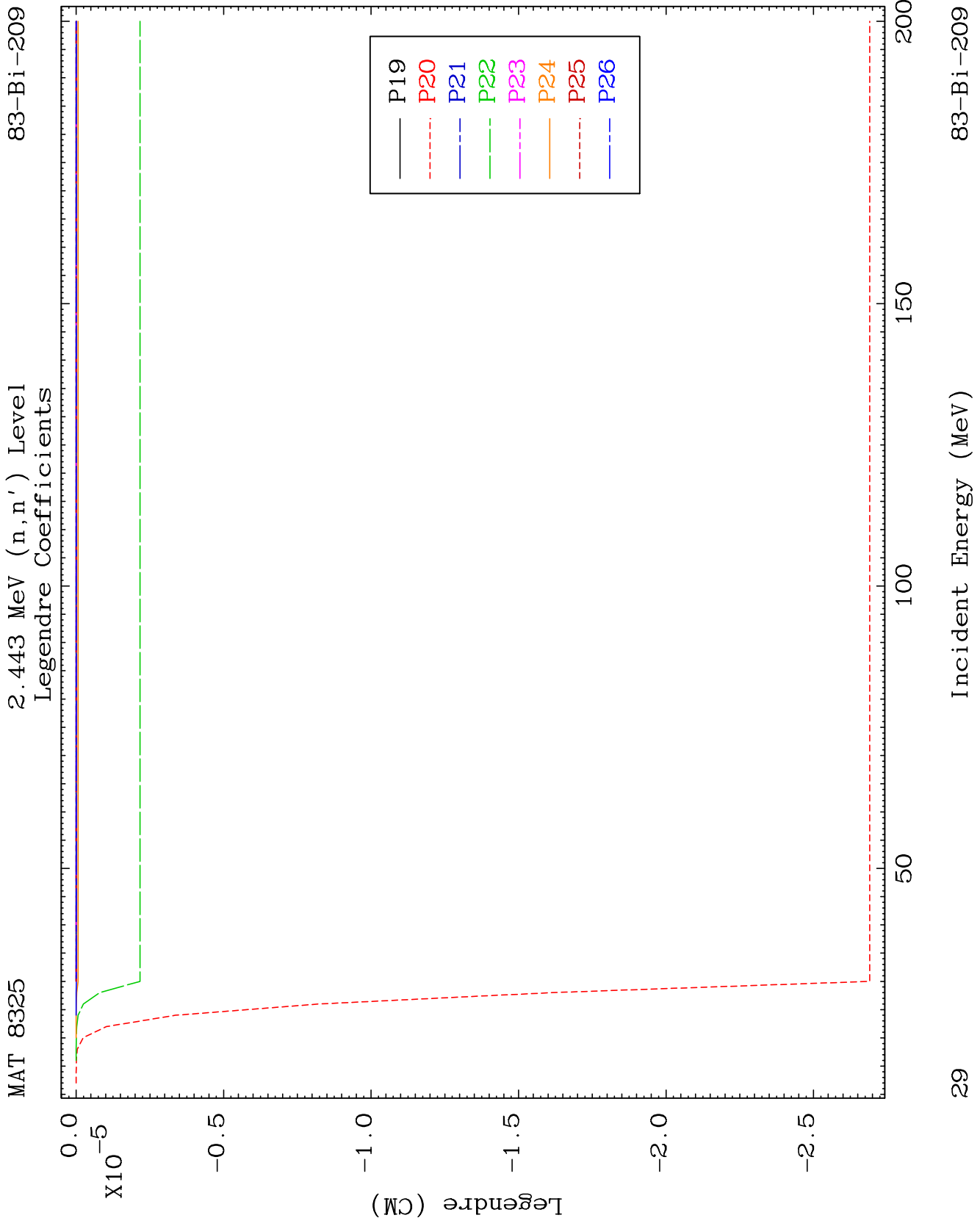


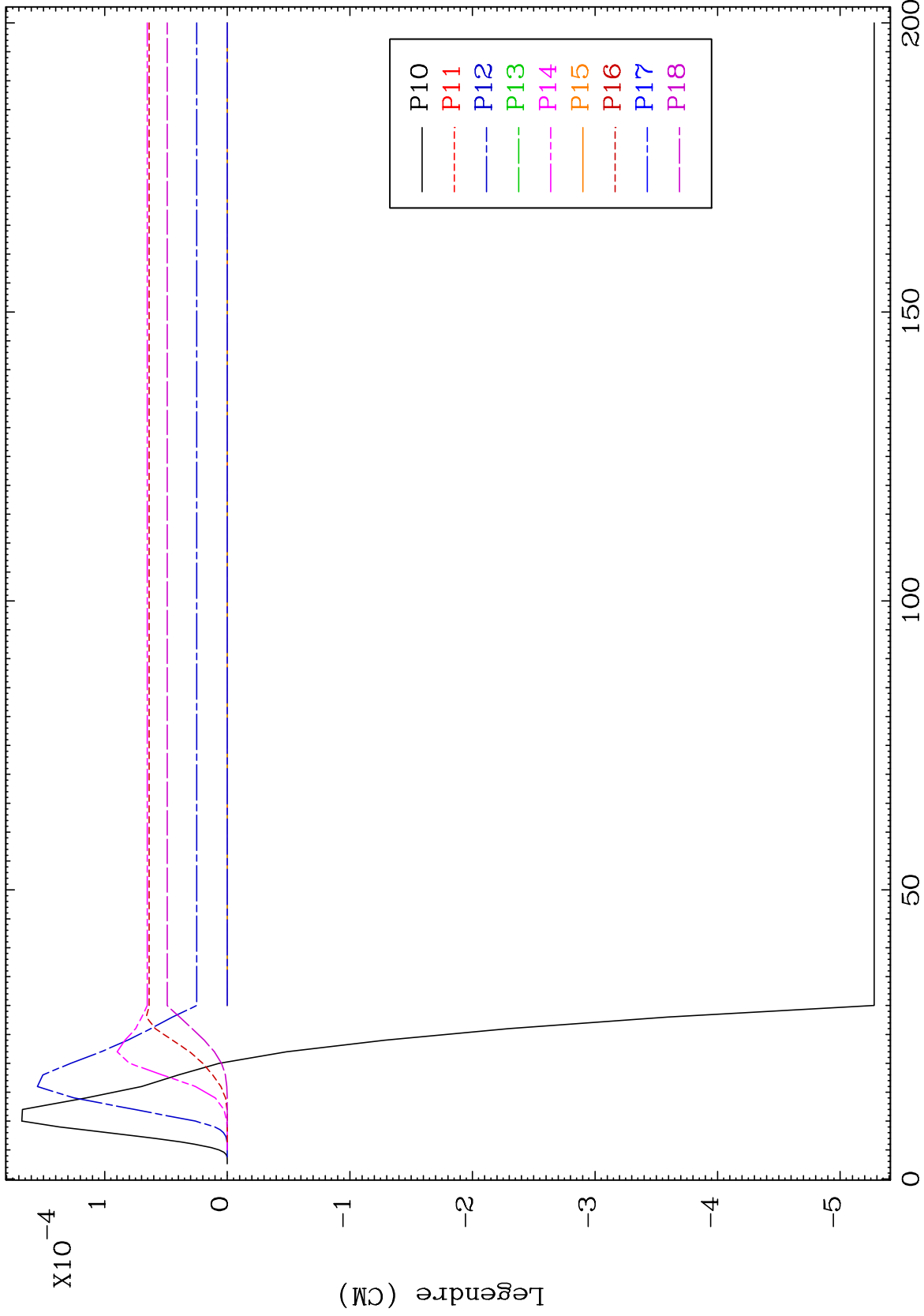
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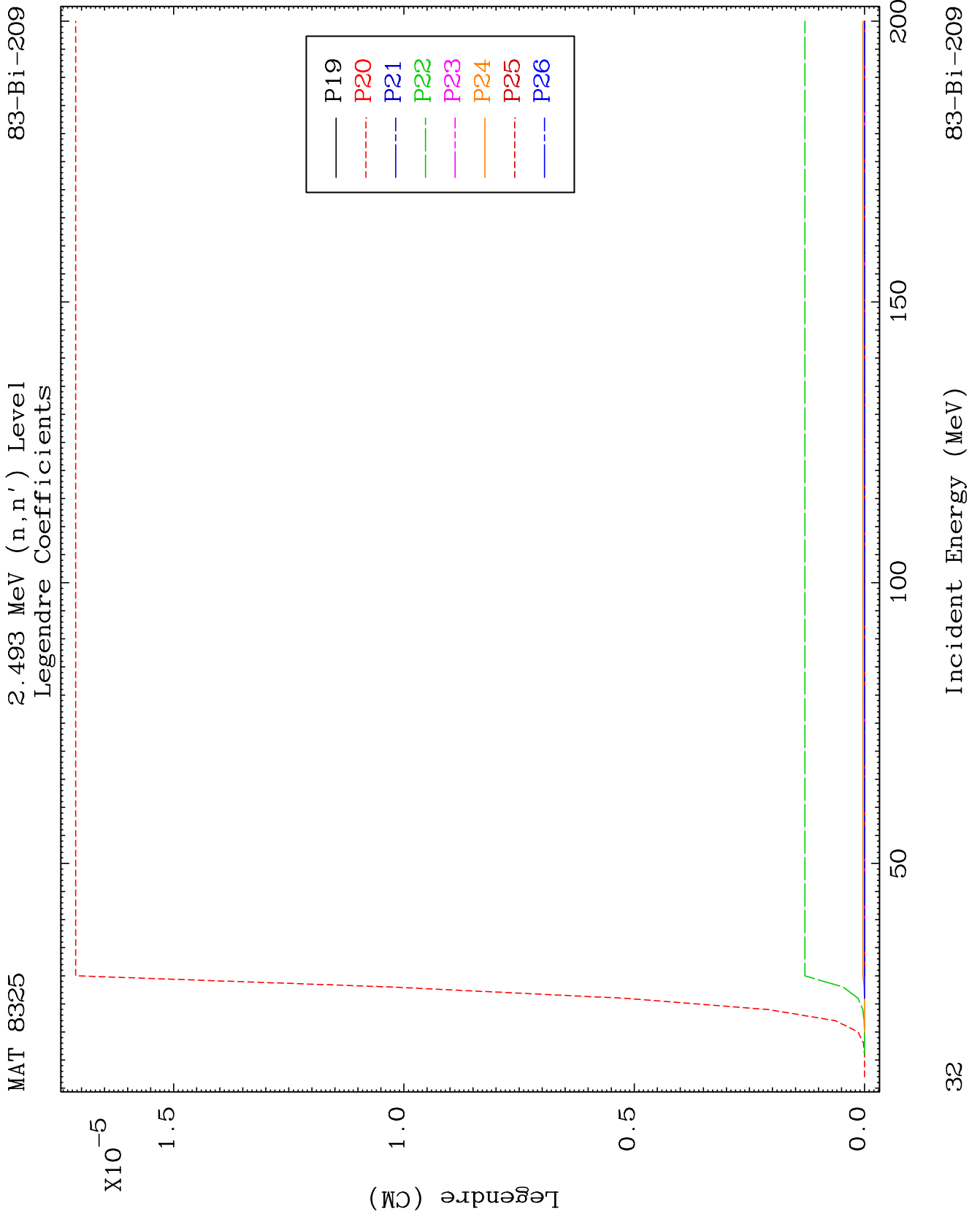
Incident Energy (MeV)

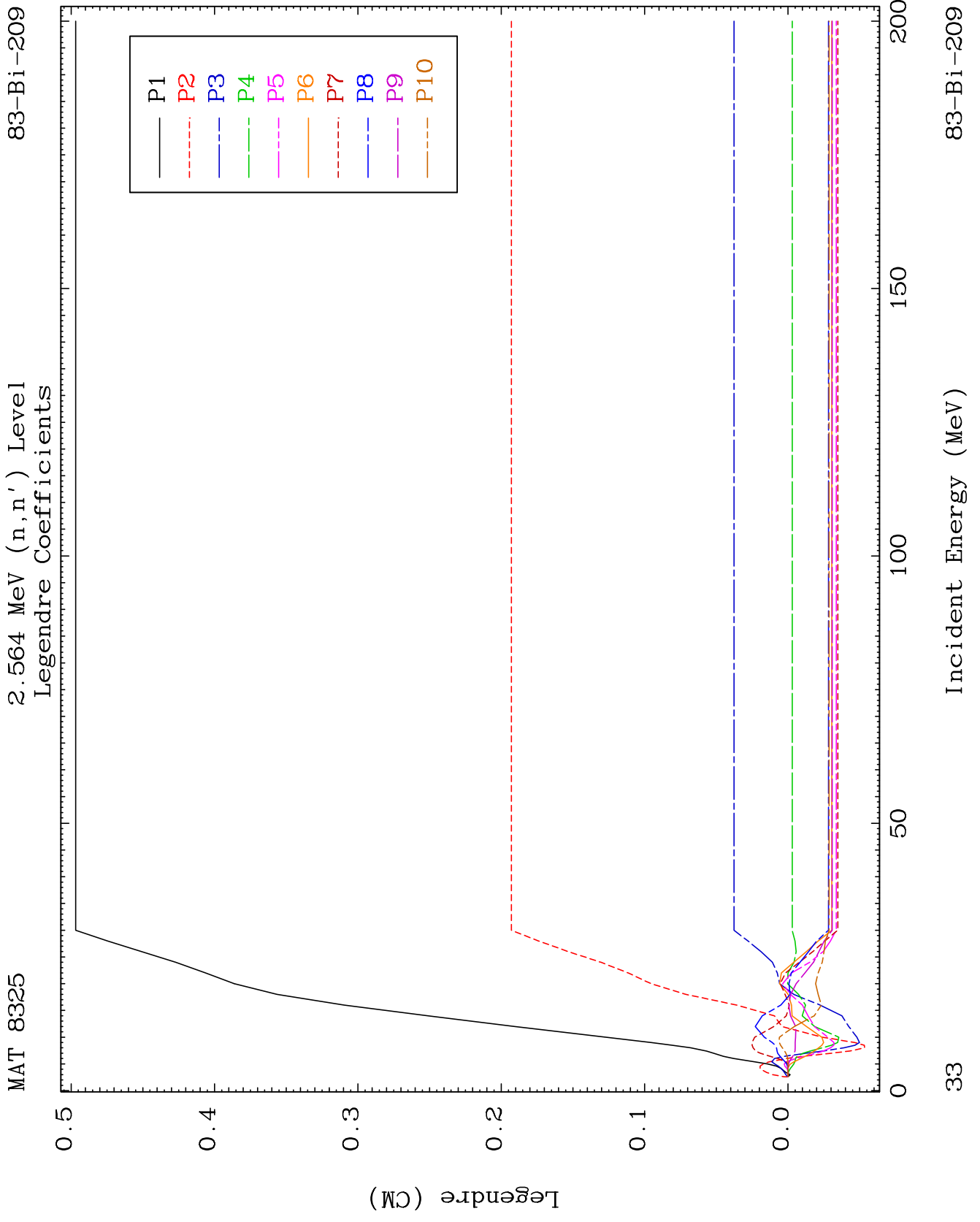
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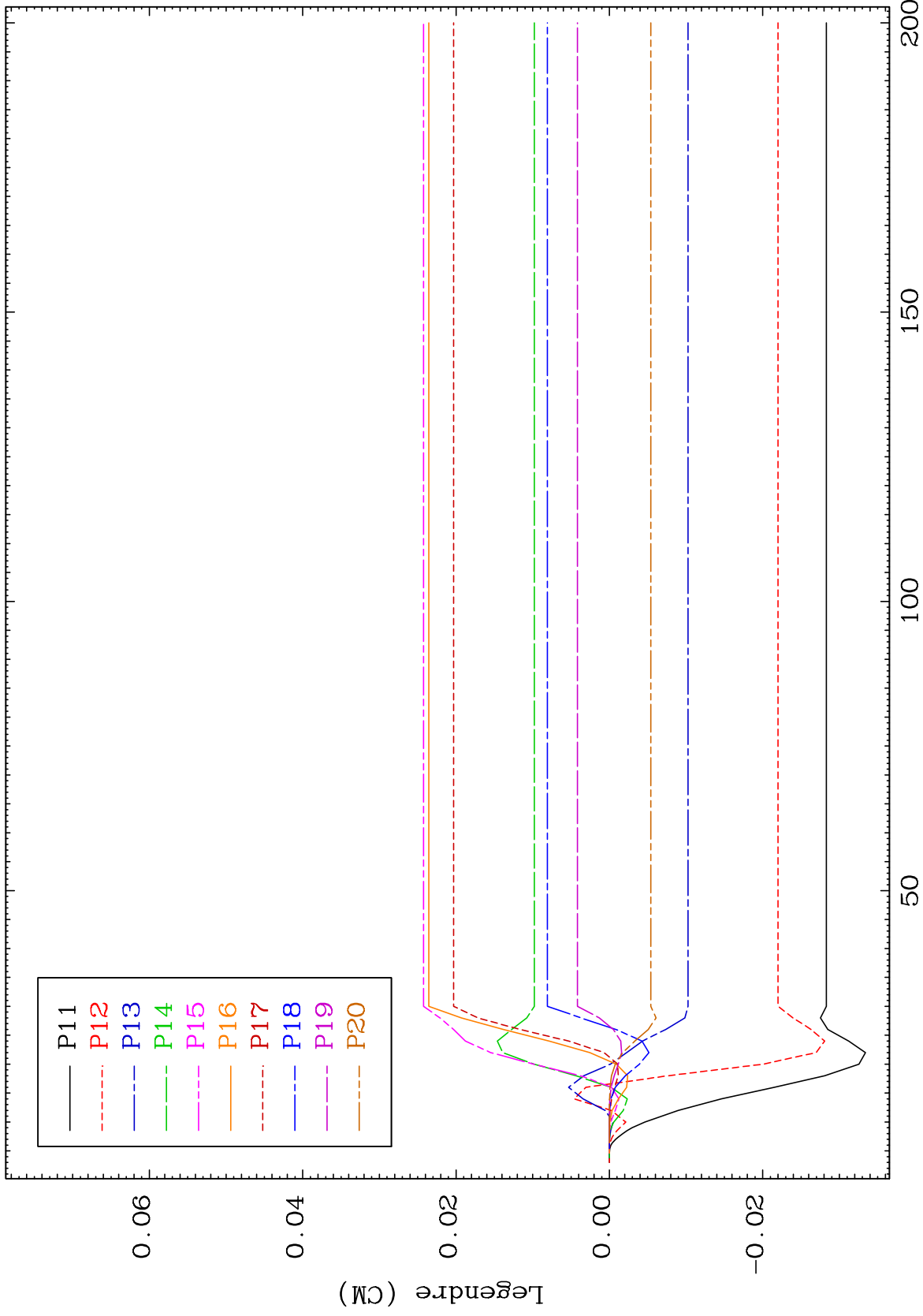








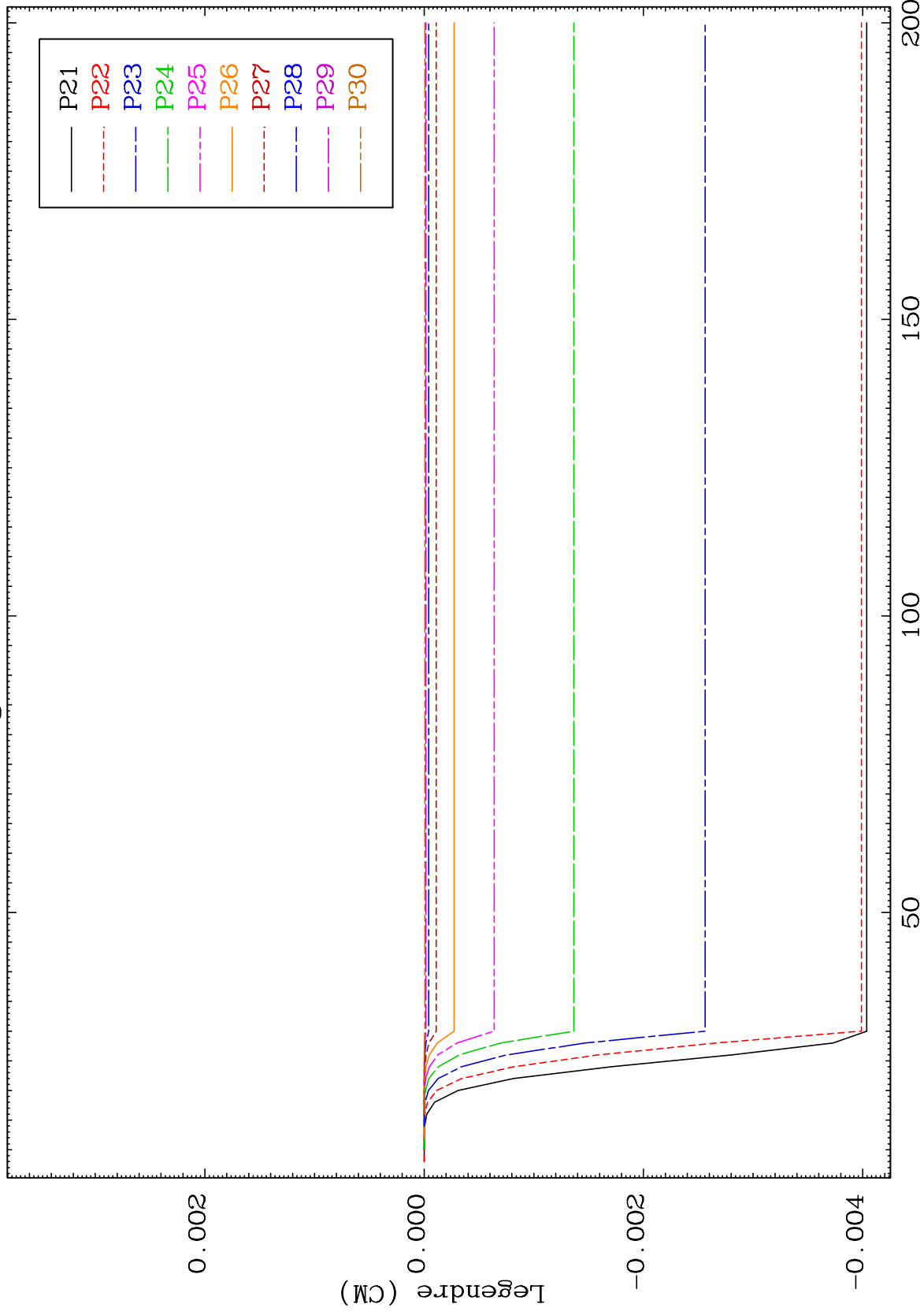




MAT 8325

2.564 MeV (n,n') Level
Legendre Coefficients

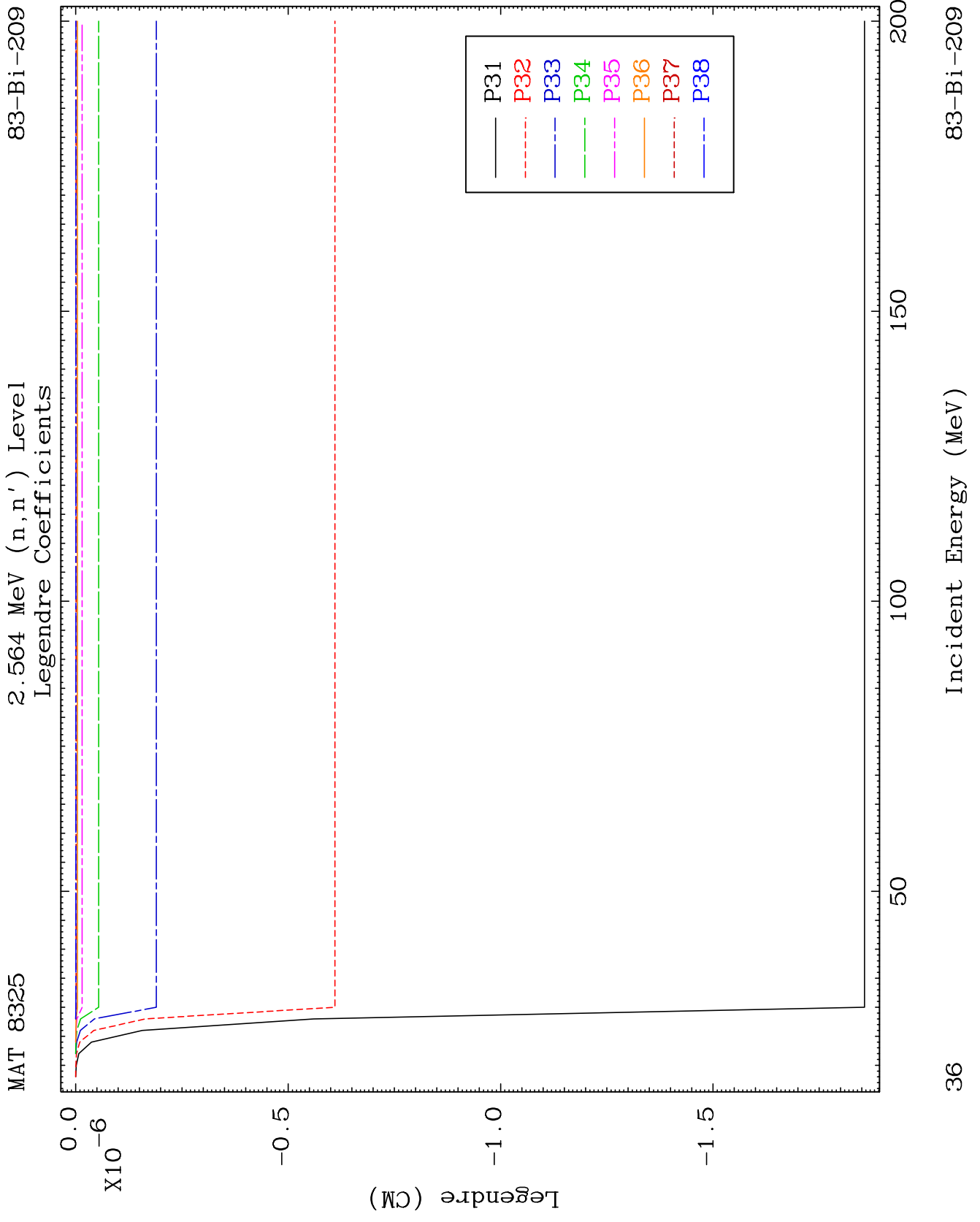
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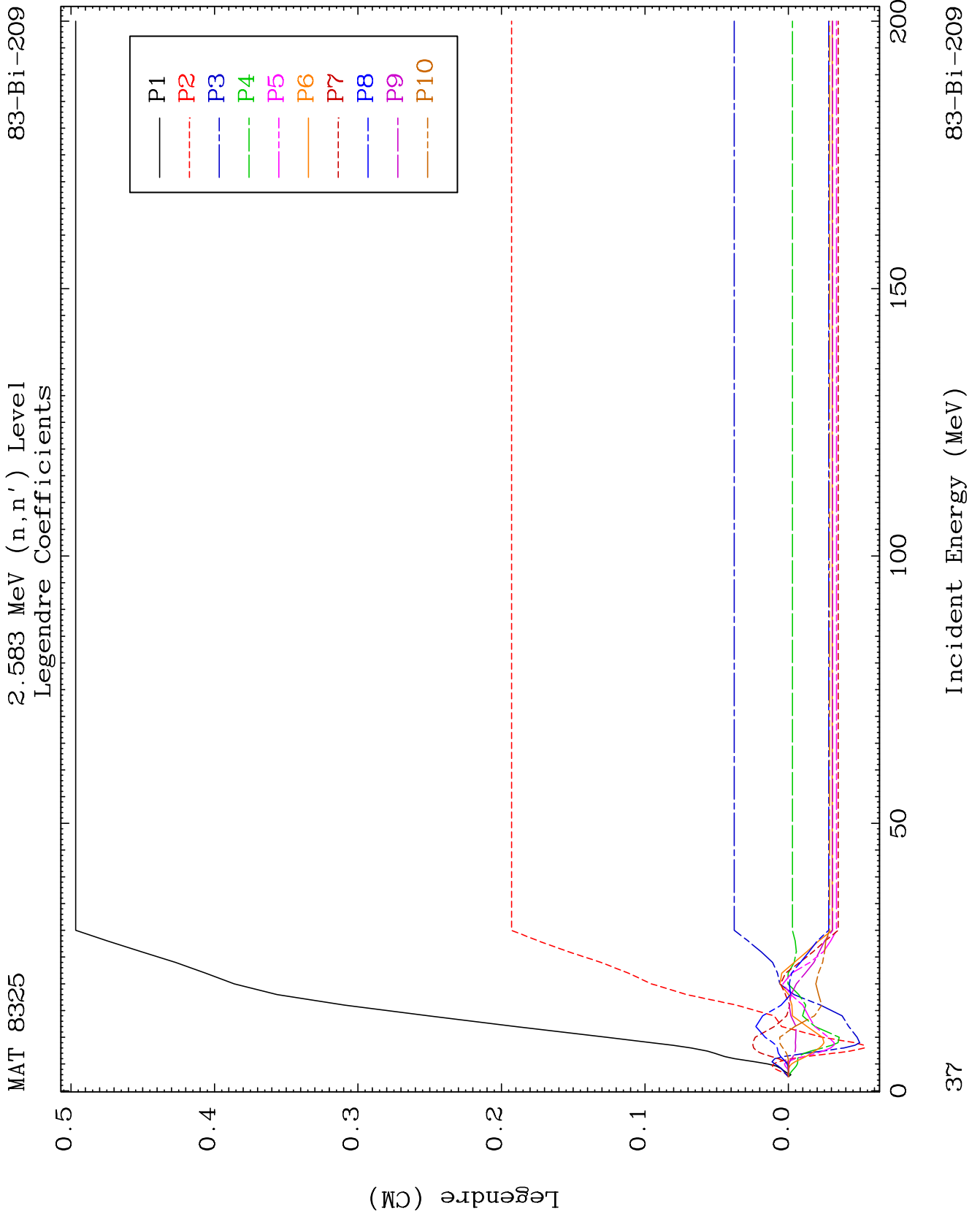


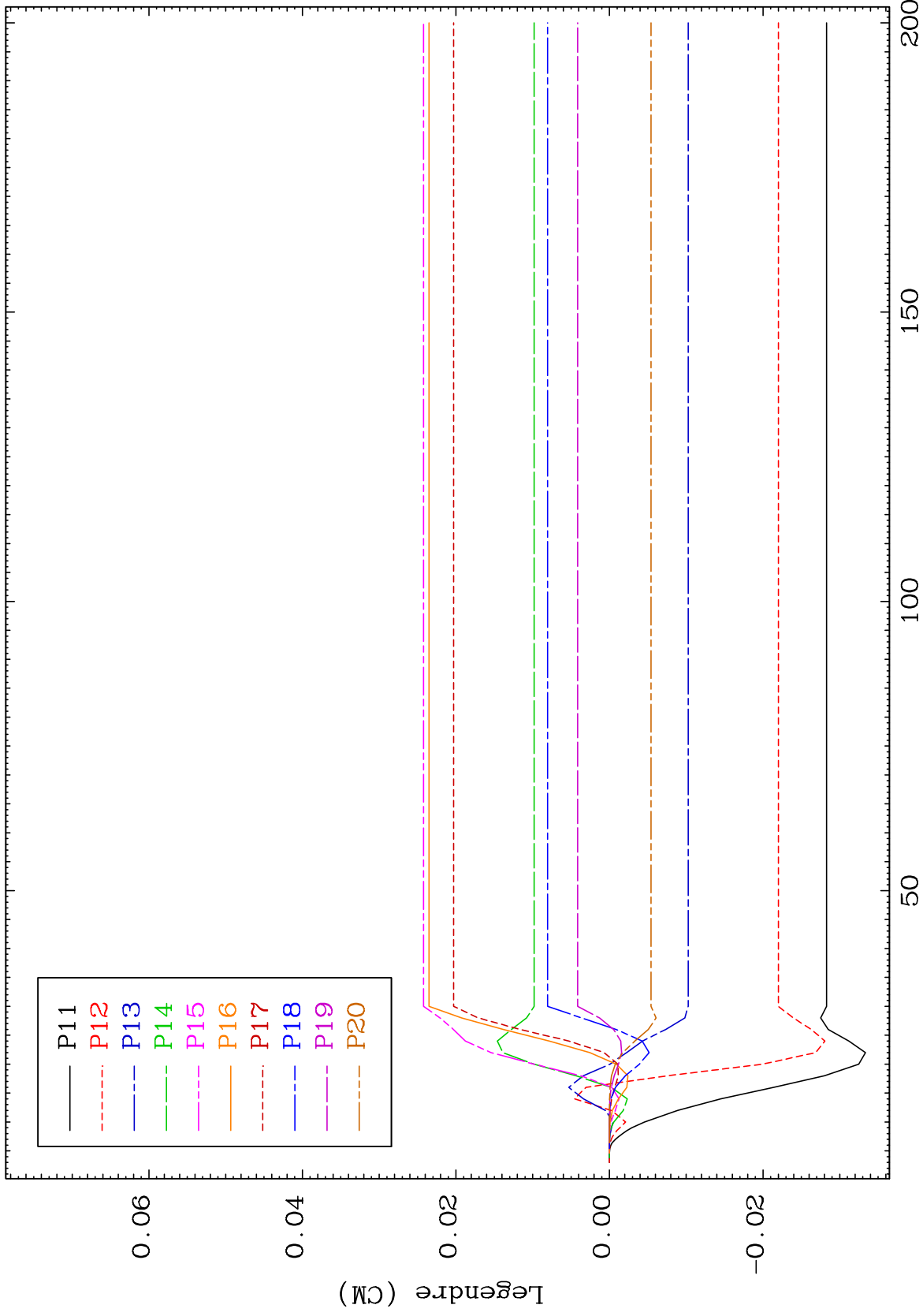
35

Incident Energy (MeV)

83-Bi-209



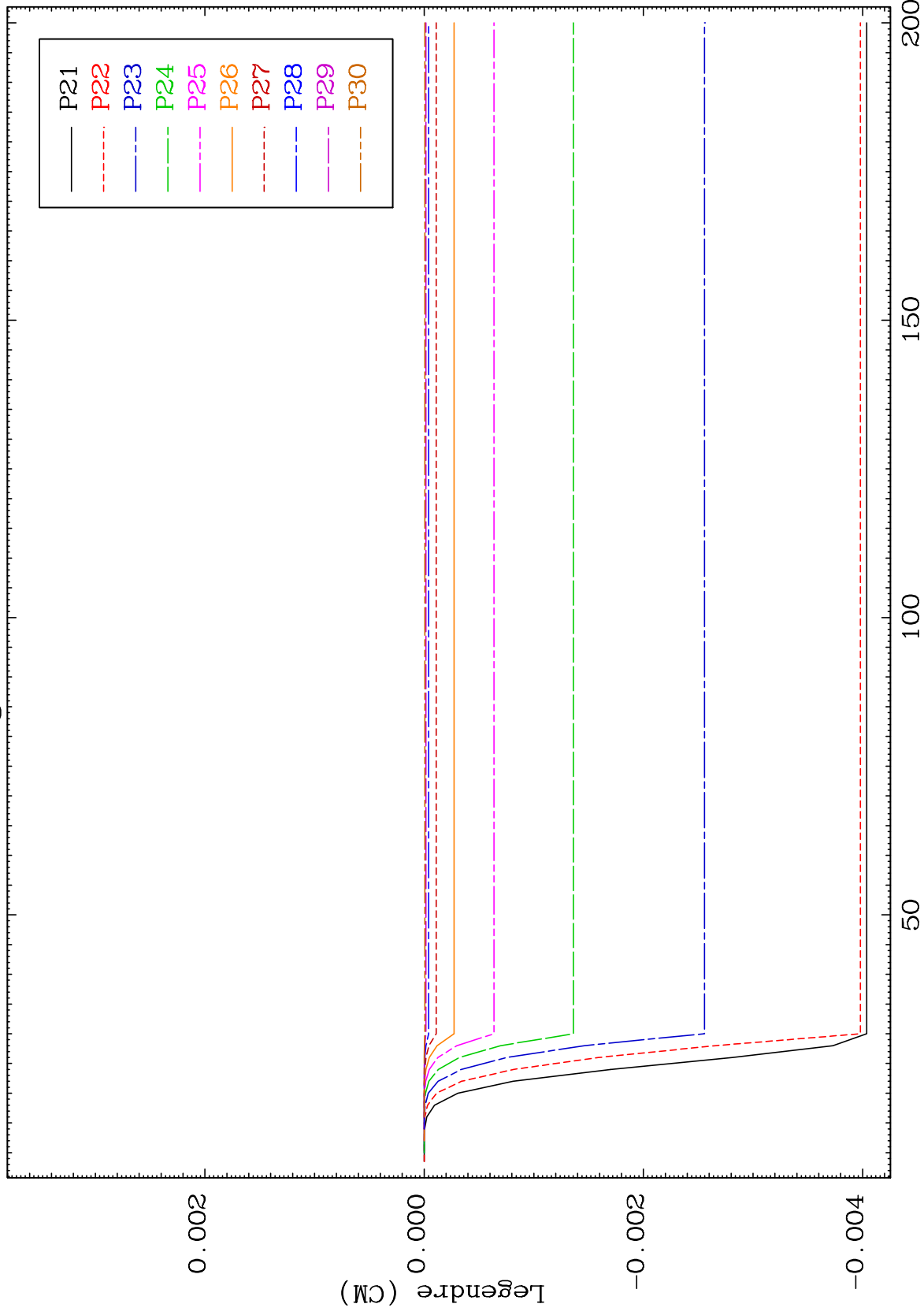




MAT 8325

2.583 MeV (n,n') Level
Legendre Coefficients

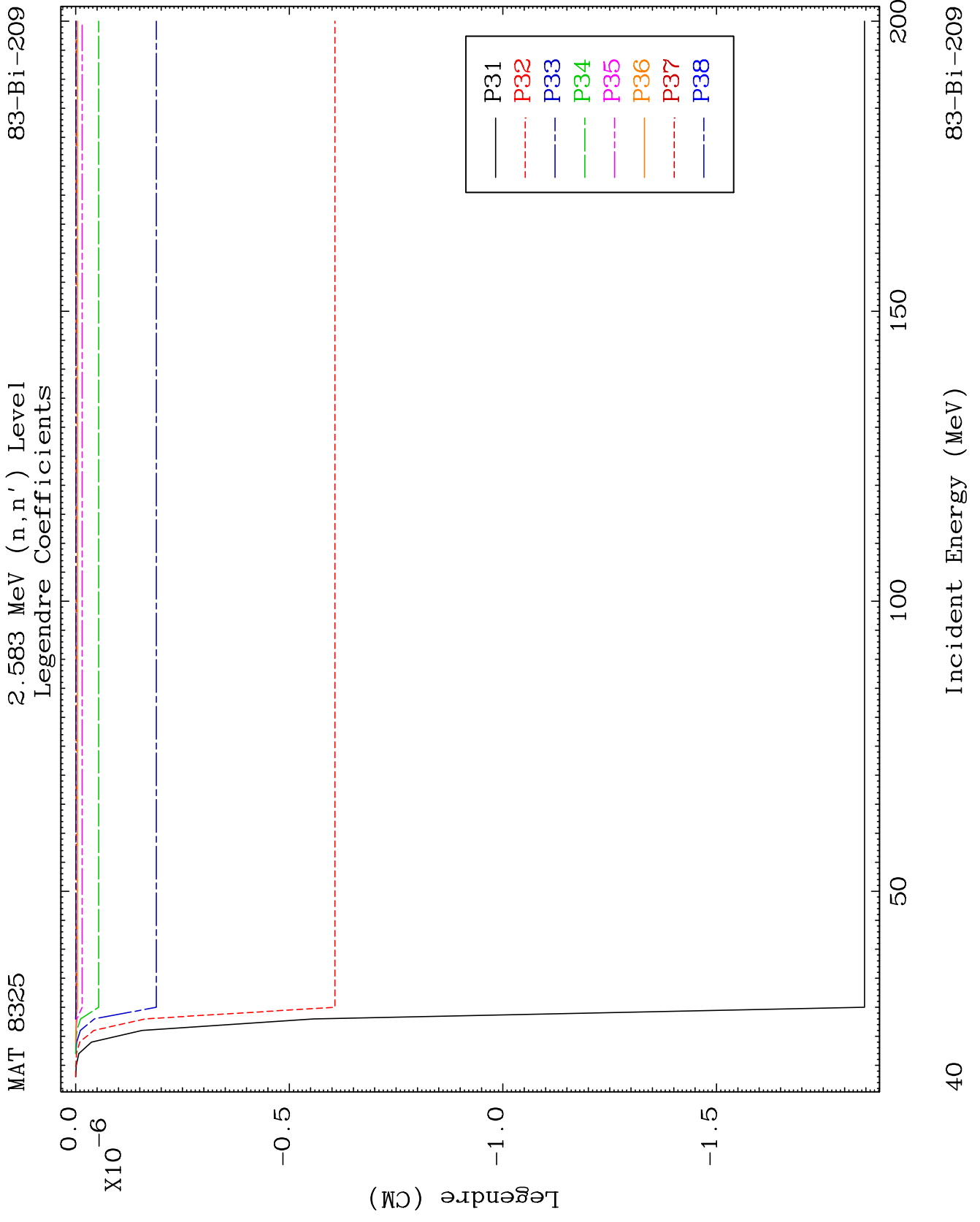
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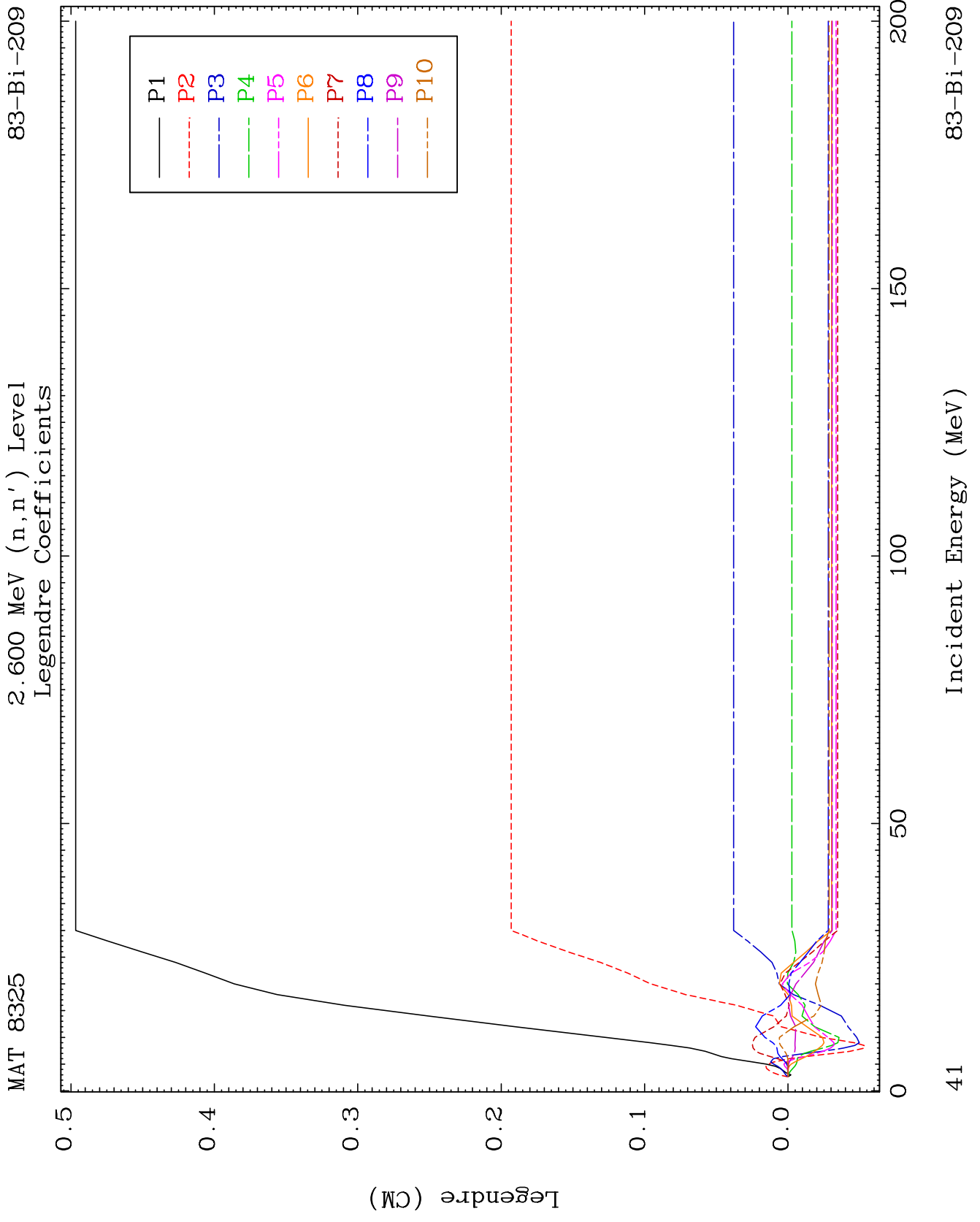


39

Incident Energy (MeV)

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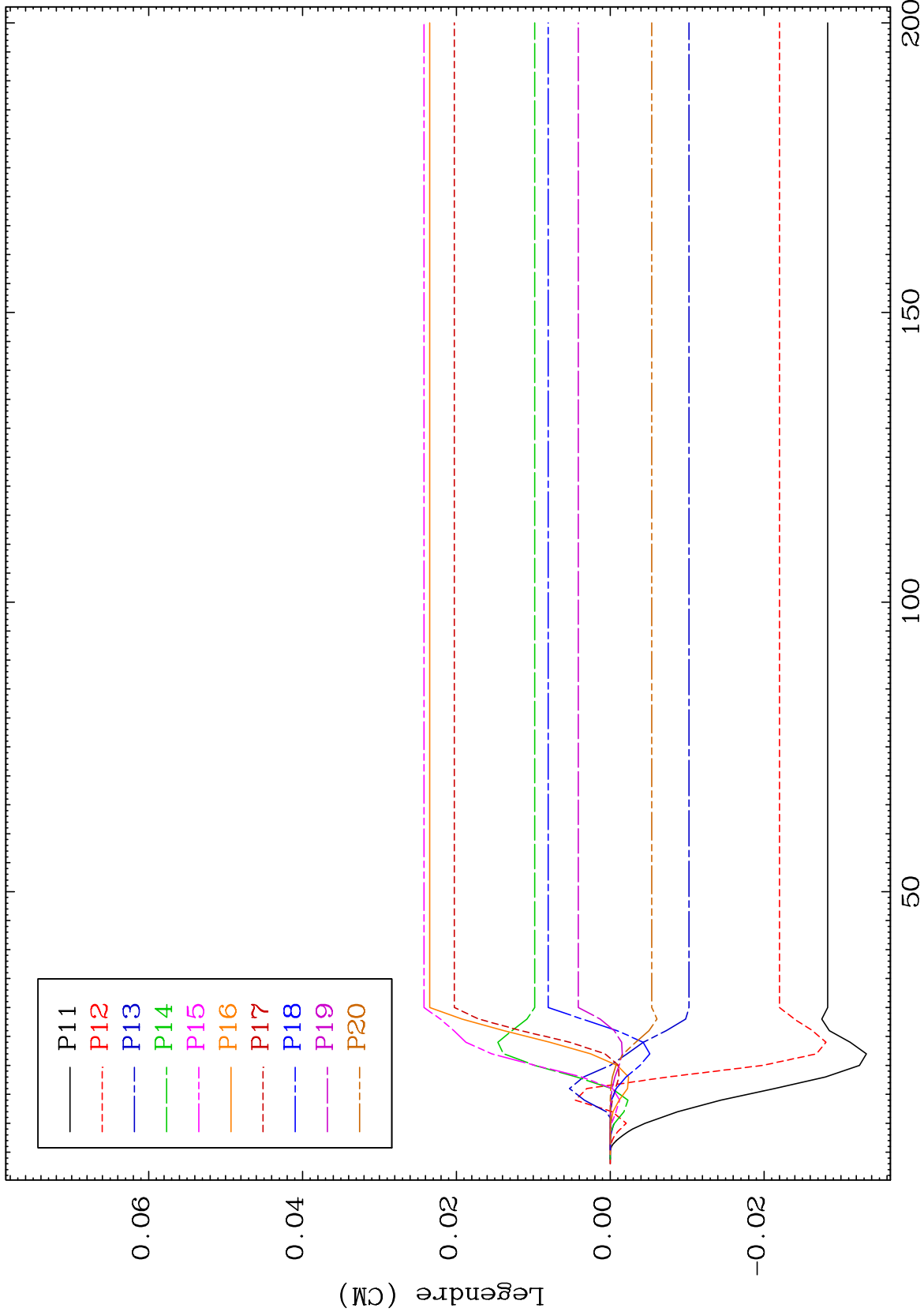




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2.600 MeV (n,n') Level
Legendre Coefficients

83-Bi-209



42

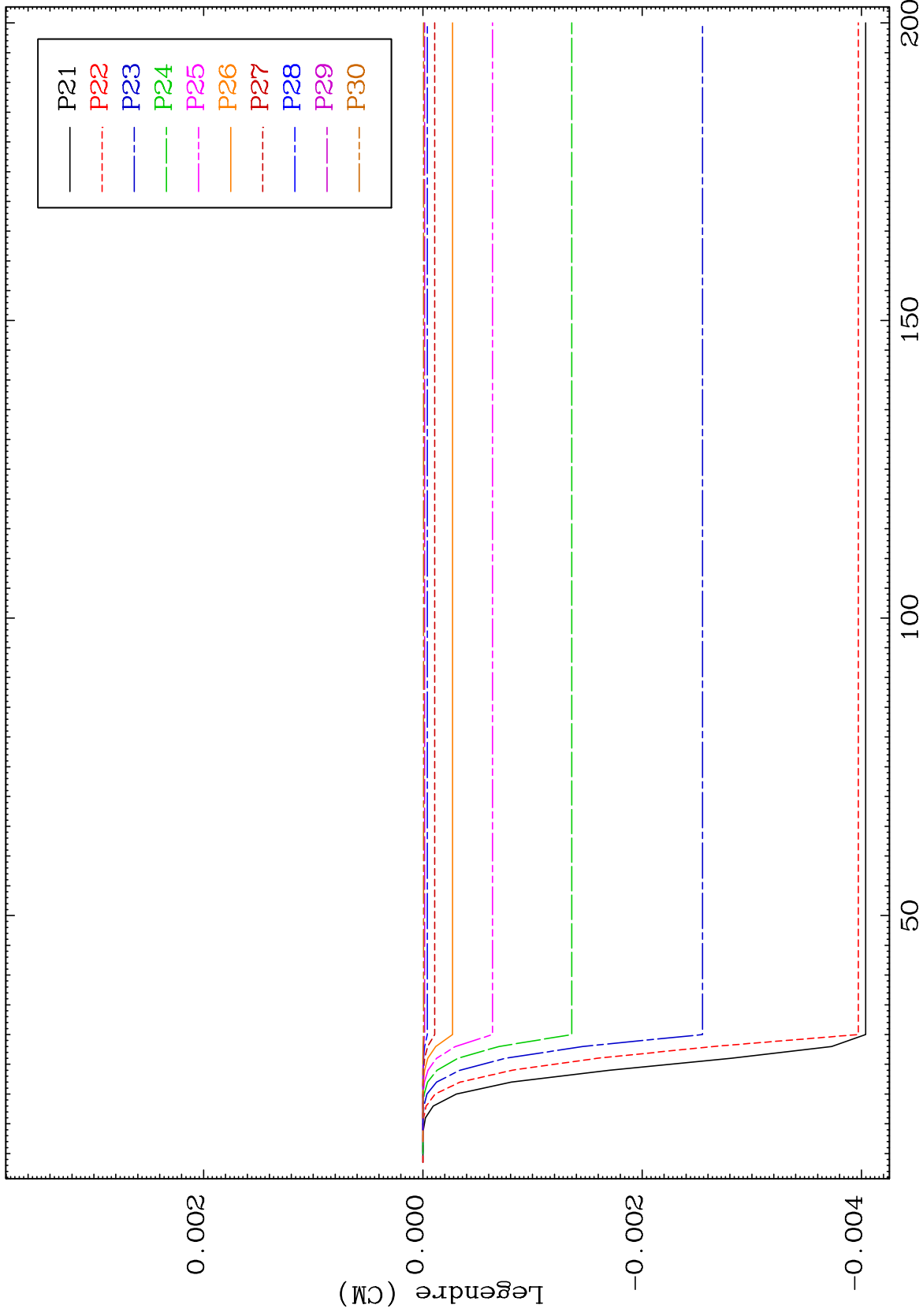
Incident Energy (MeV)

83-Bi-209

MAT 8325

2.600 MeV (n,n') Level
Legendre Coefficients

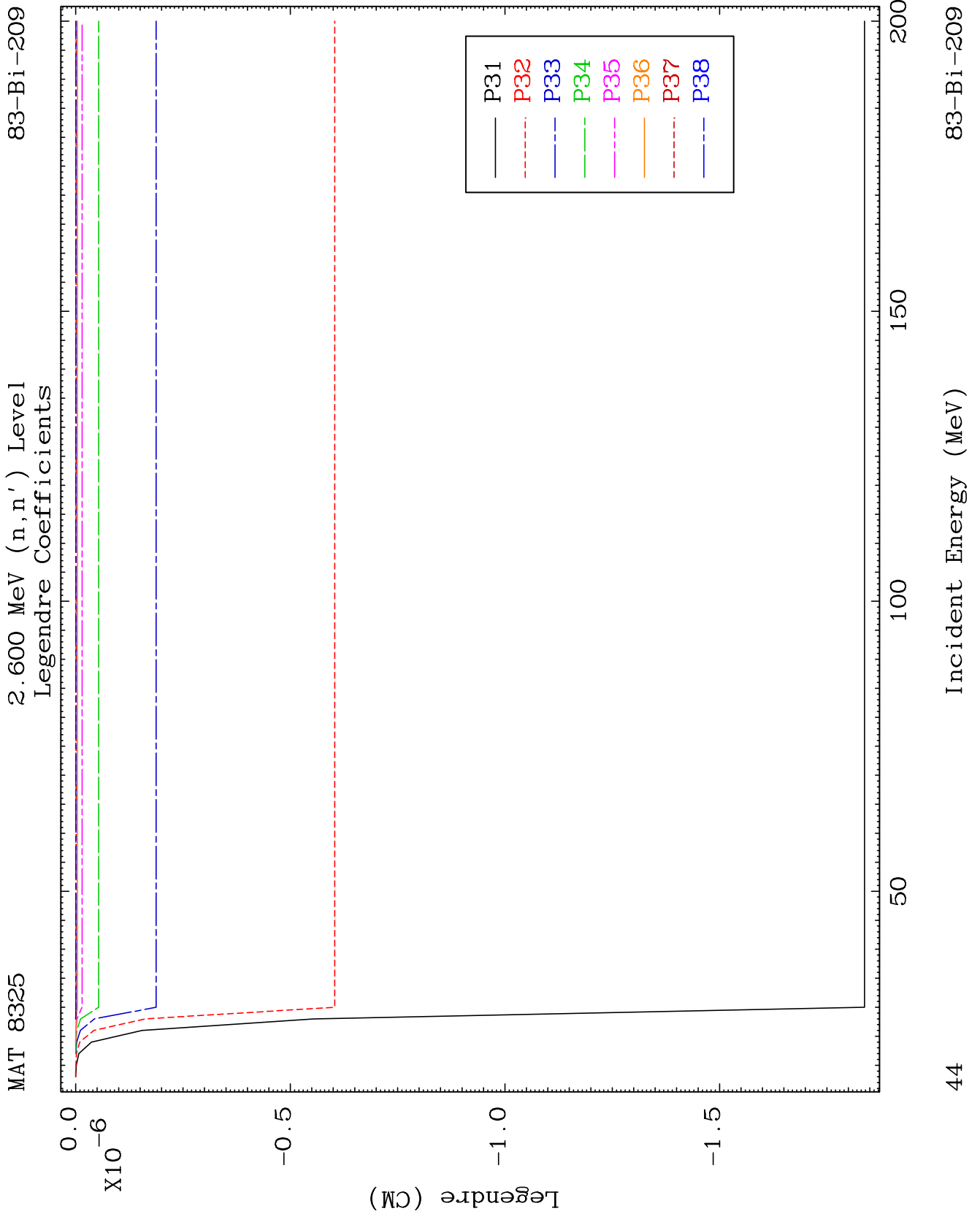
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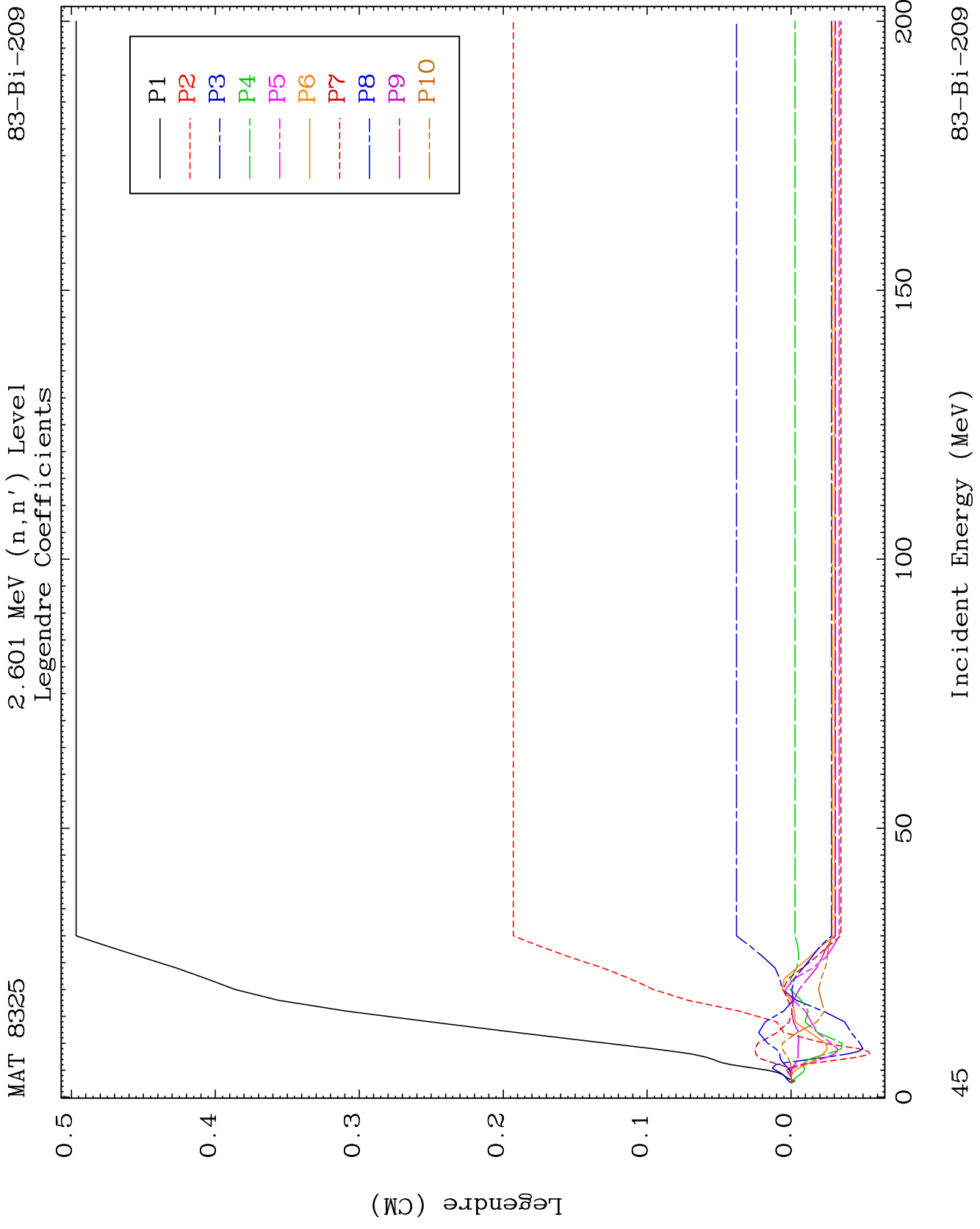


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Incident Energy (MeV)

83-Bi-209

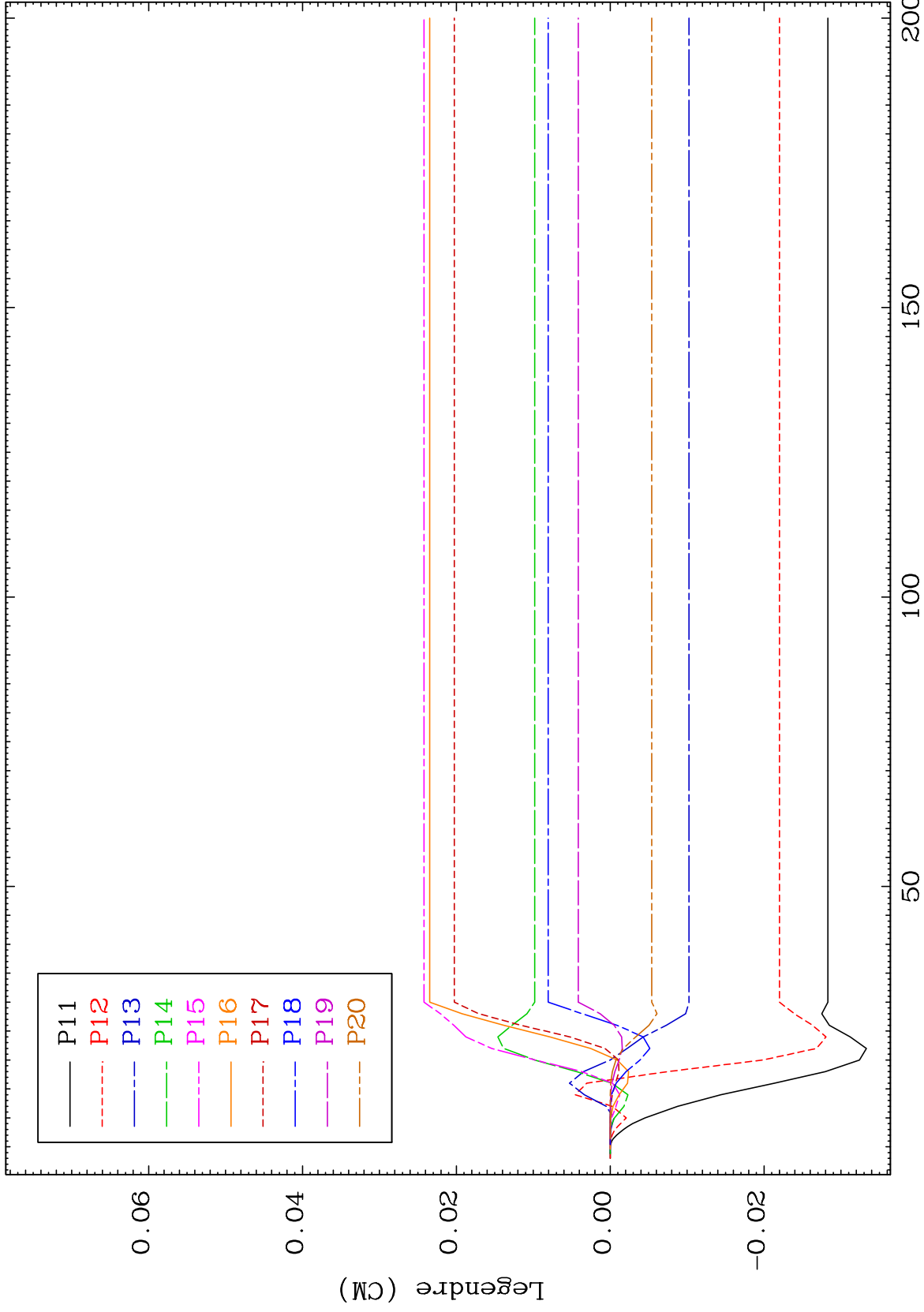




MAT 8325

2.601 MeV (n,n') Level
Legendre Coefficients

83-Bi-209



46

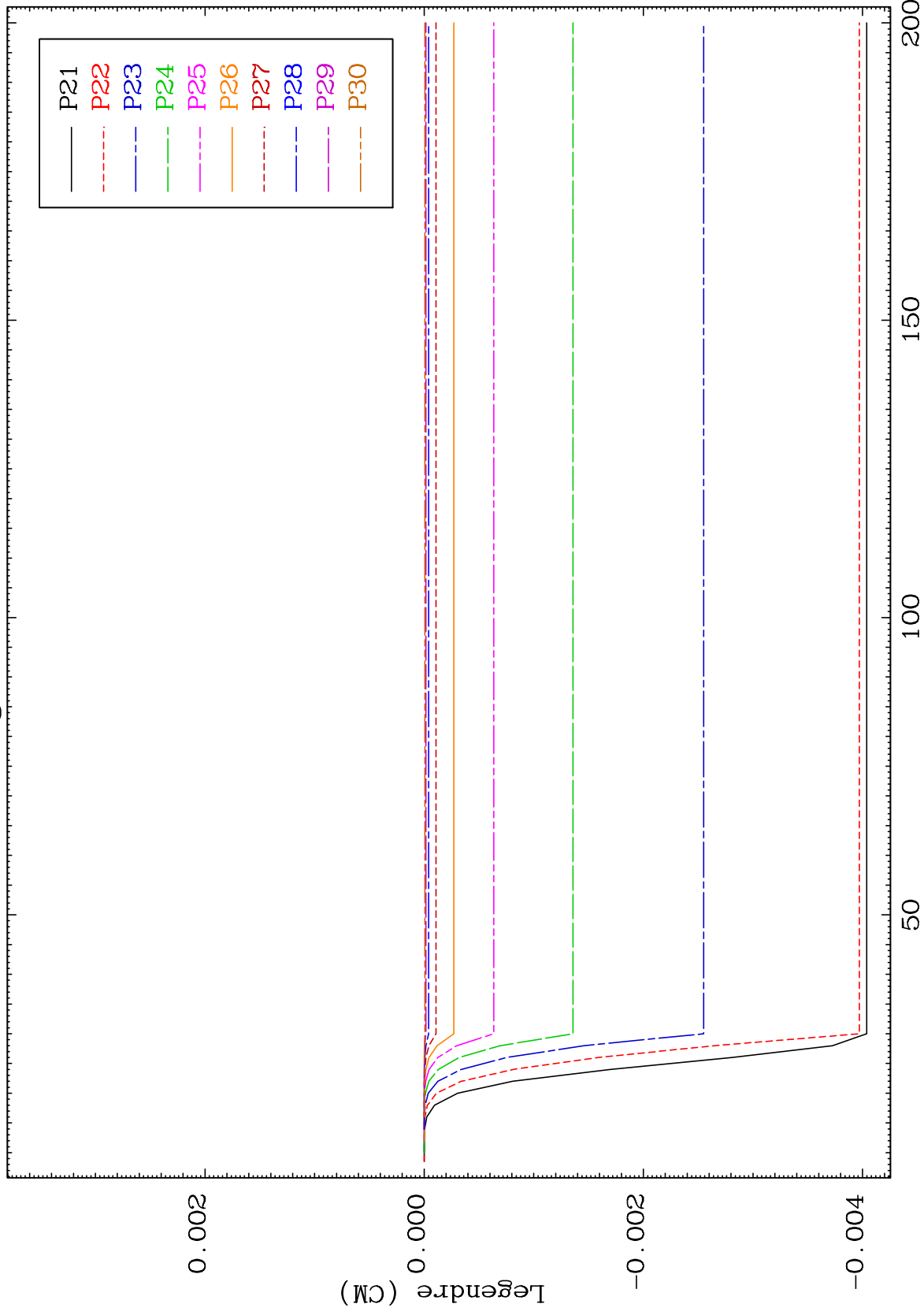
Incident Energy (MeV)

83-Bi-209

MAT 8325

2.601 MeV (n,n') Level
Legendre Coefficients

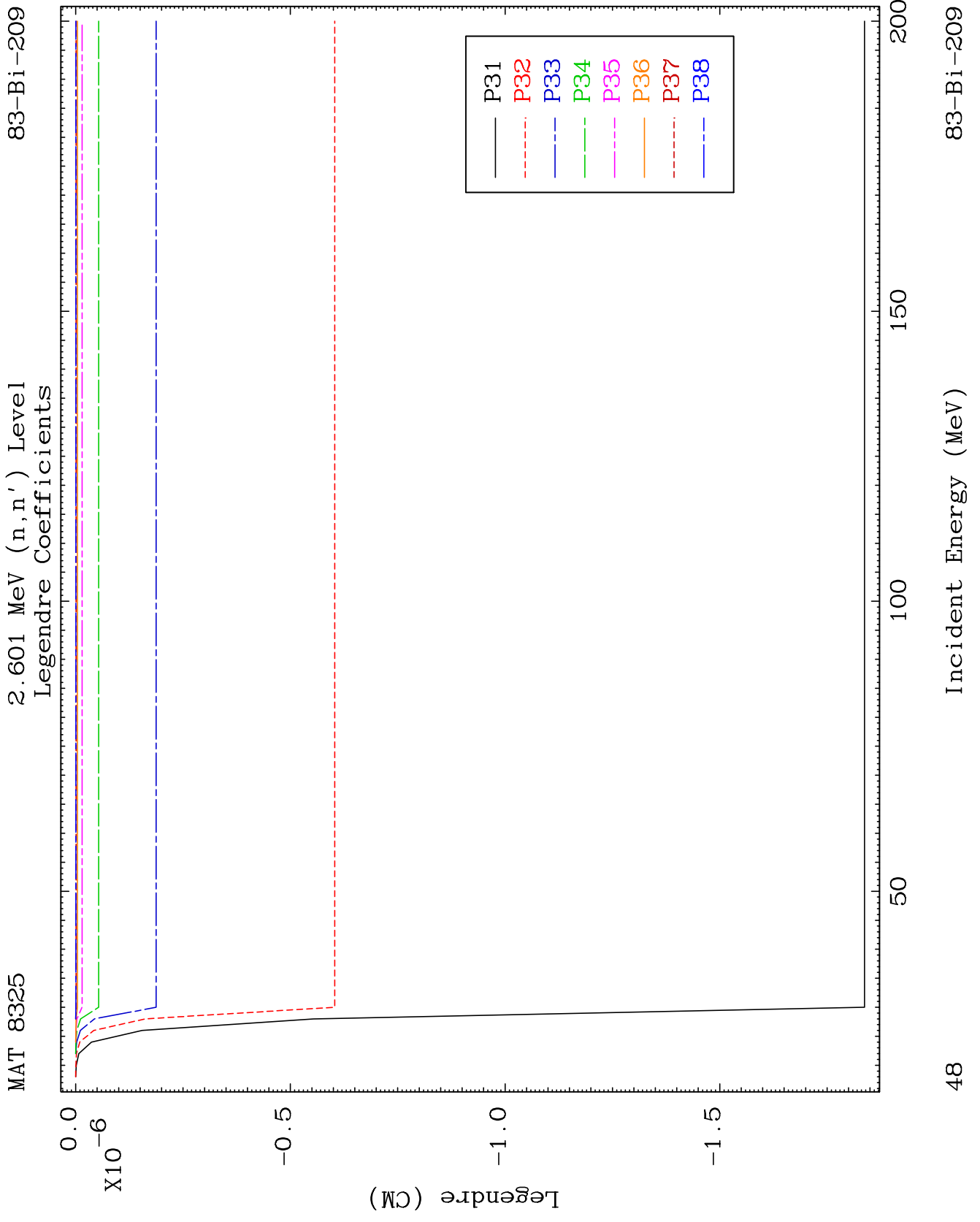
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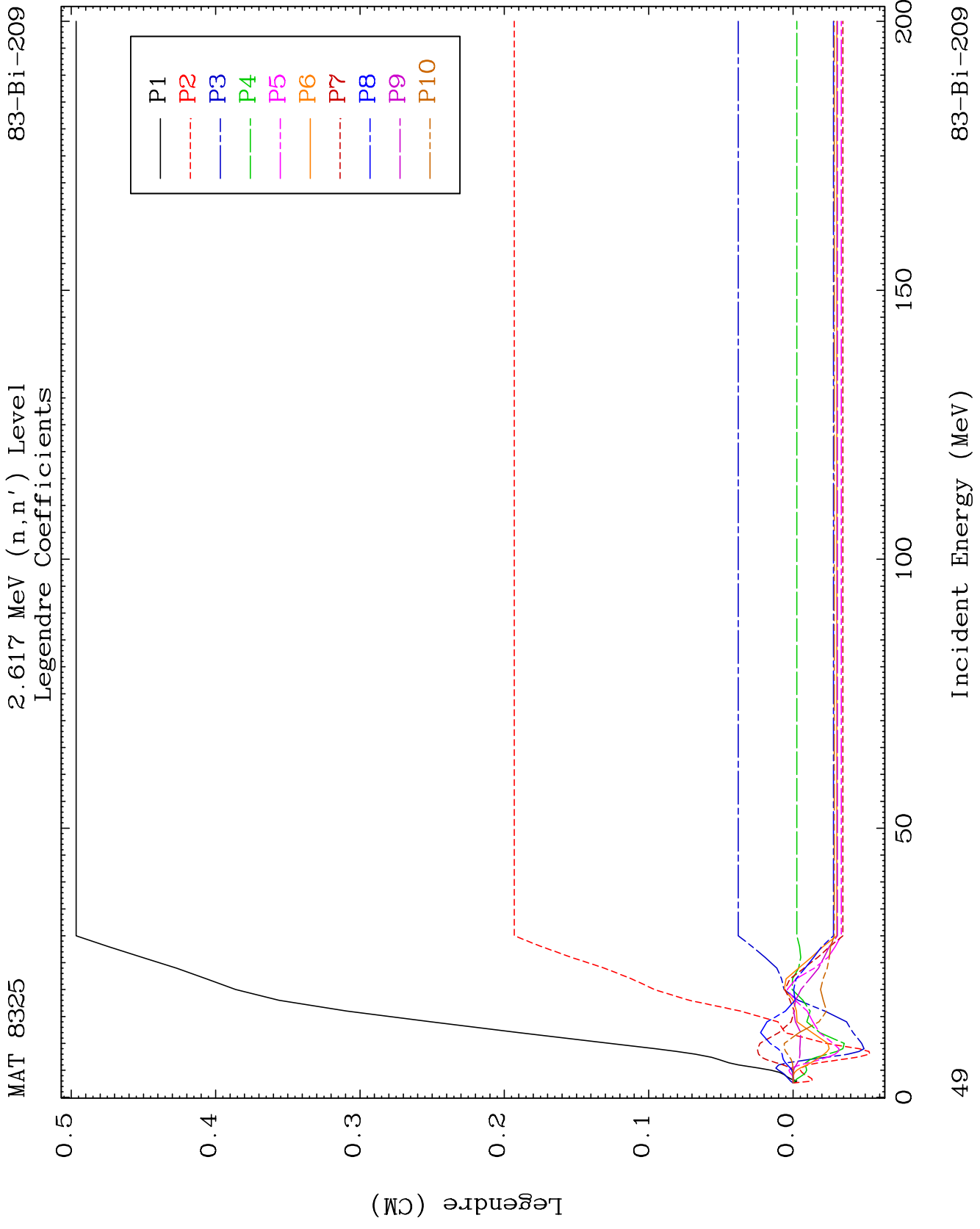


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Incident Energy (MeV)

83-Bi-209

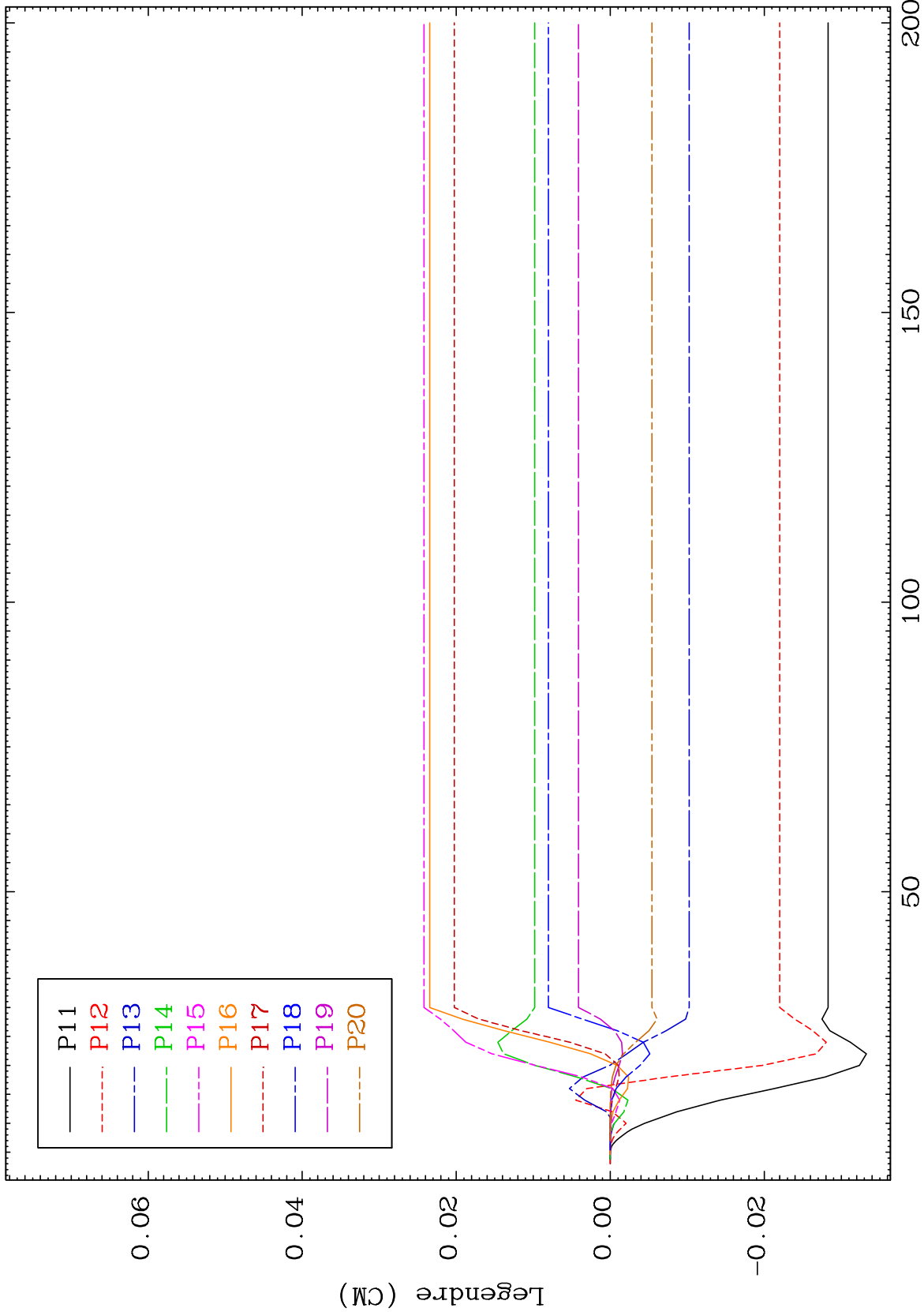




MAT 8325

2.617 MeV (n,n') Level
Legendre Coefficients

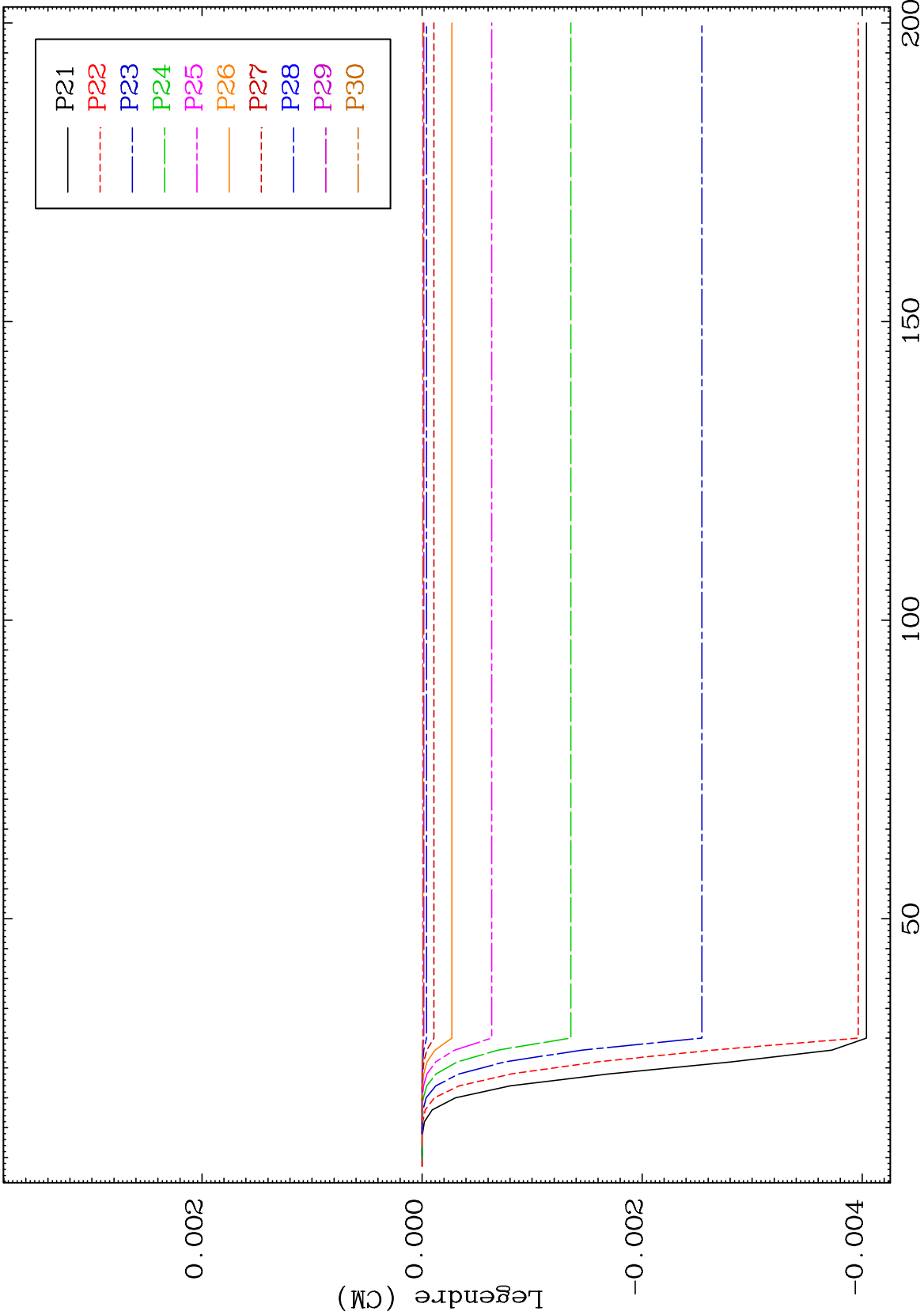
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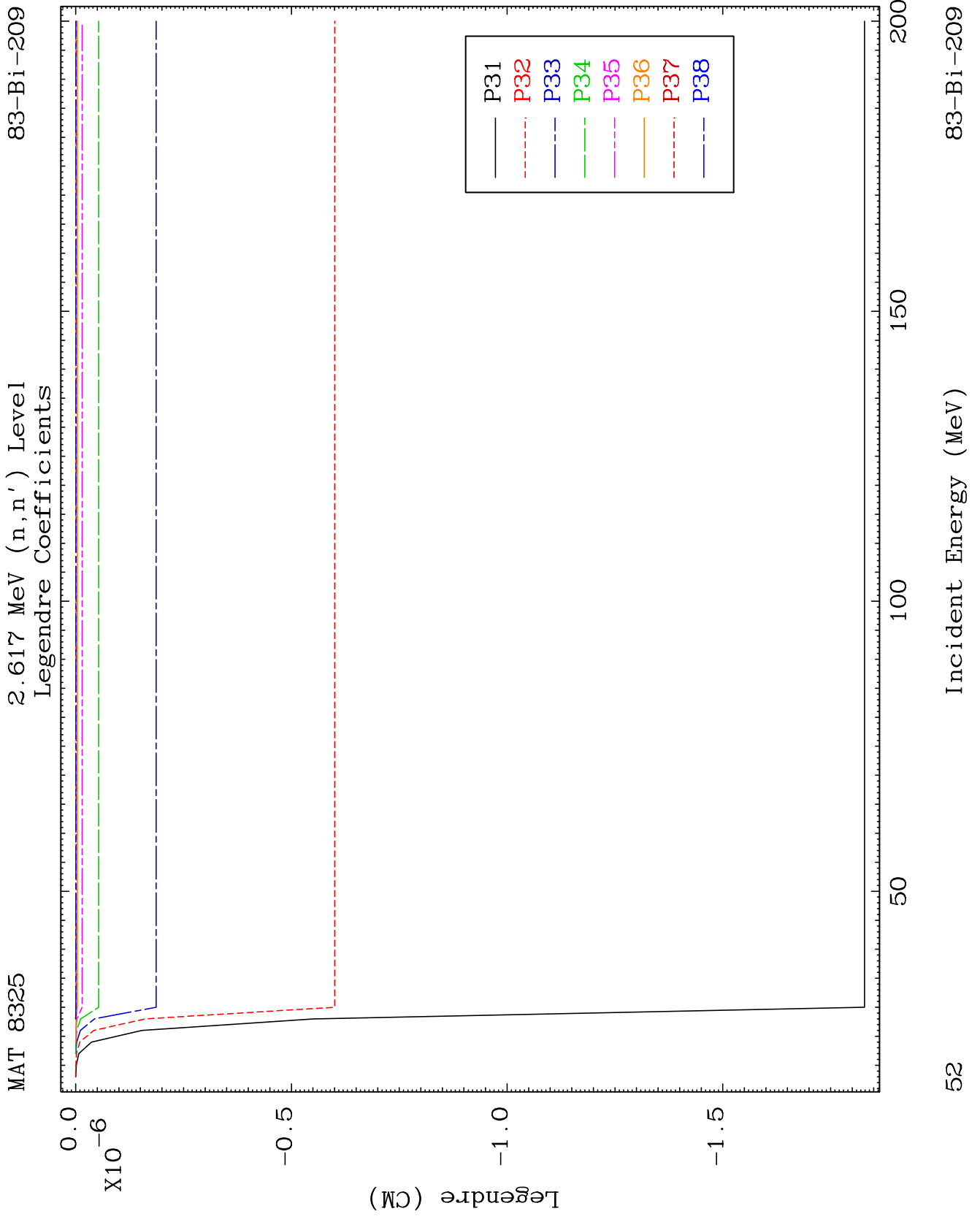


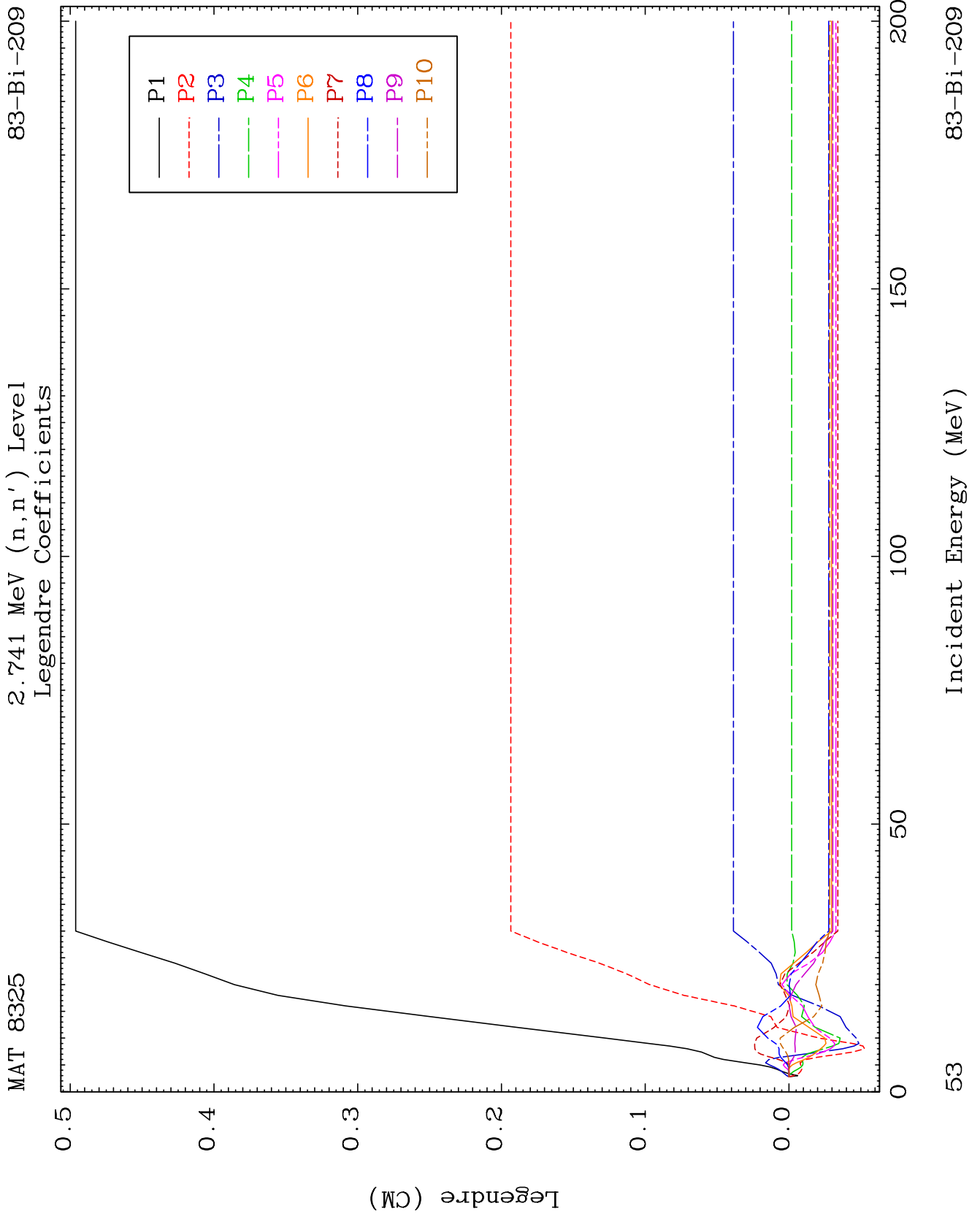
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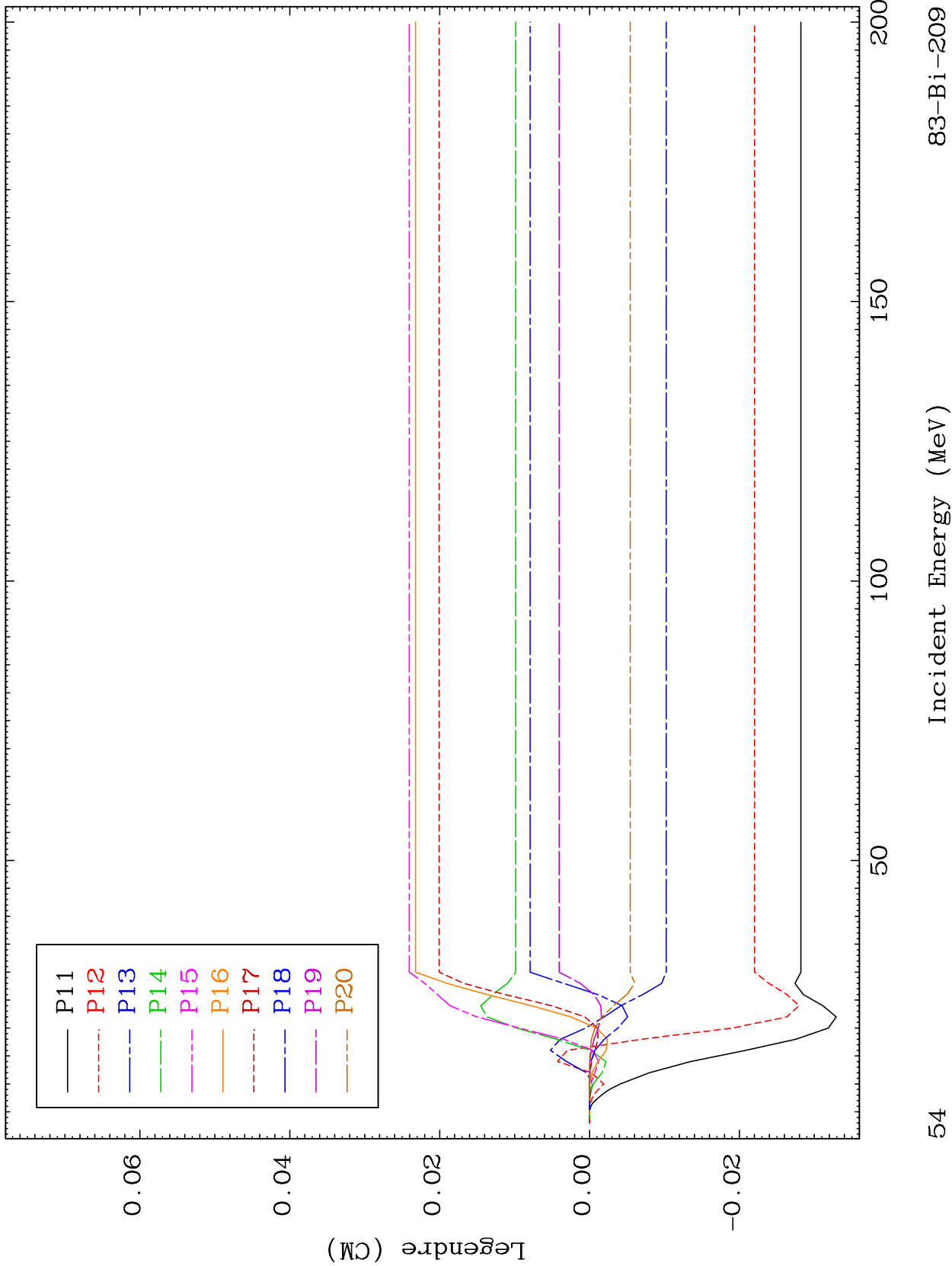
Incident Energy (MeV)

83-Bi-209





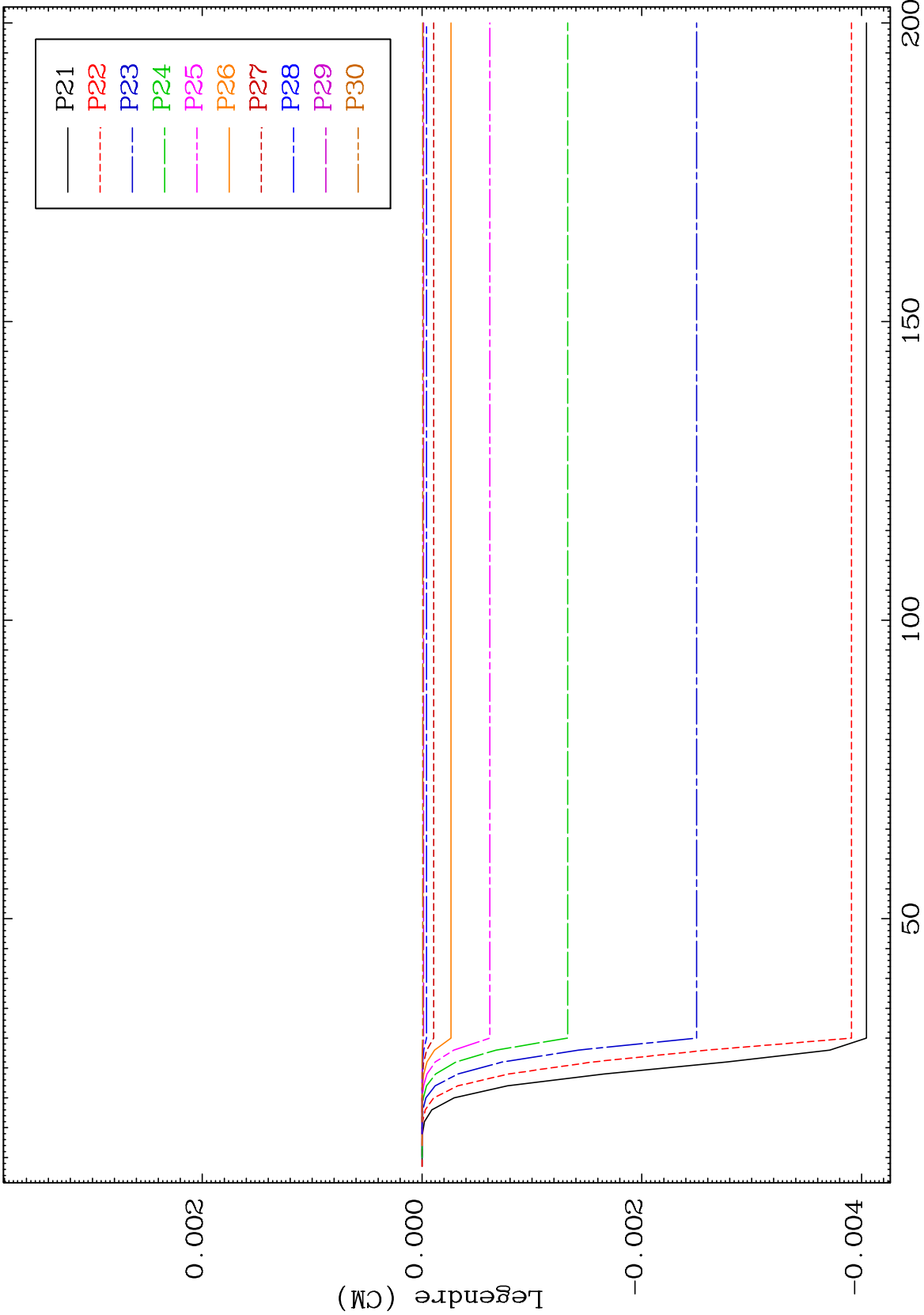




MAT 8325

2.741 MeV (n,n') Level
Legendre Coefficients

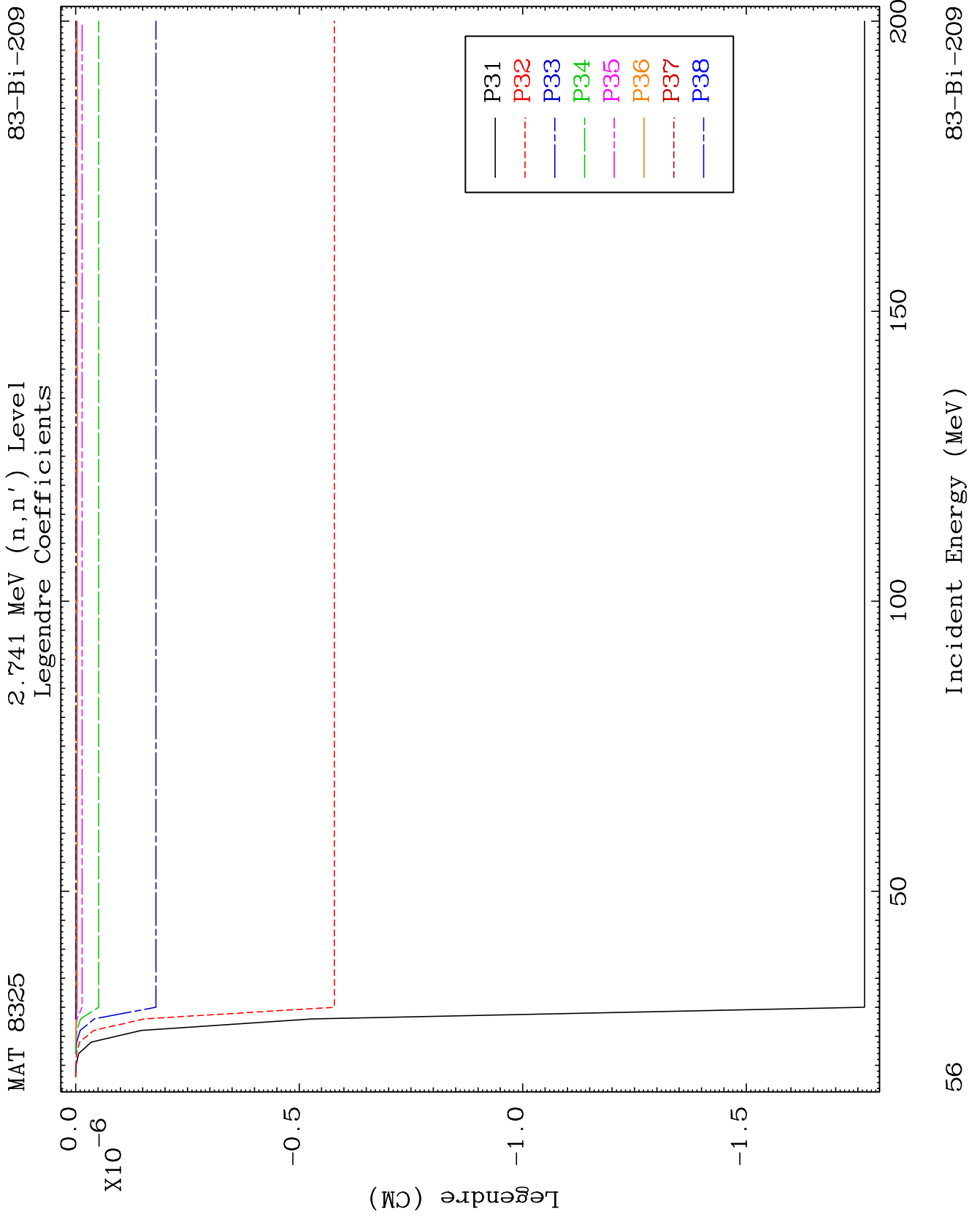
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55

Incident Energy (MeV)

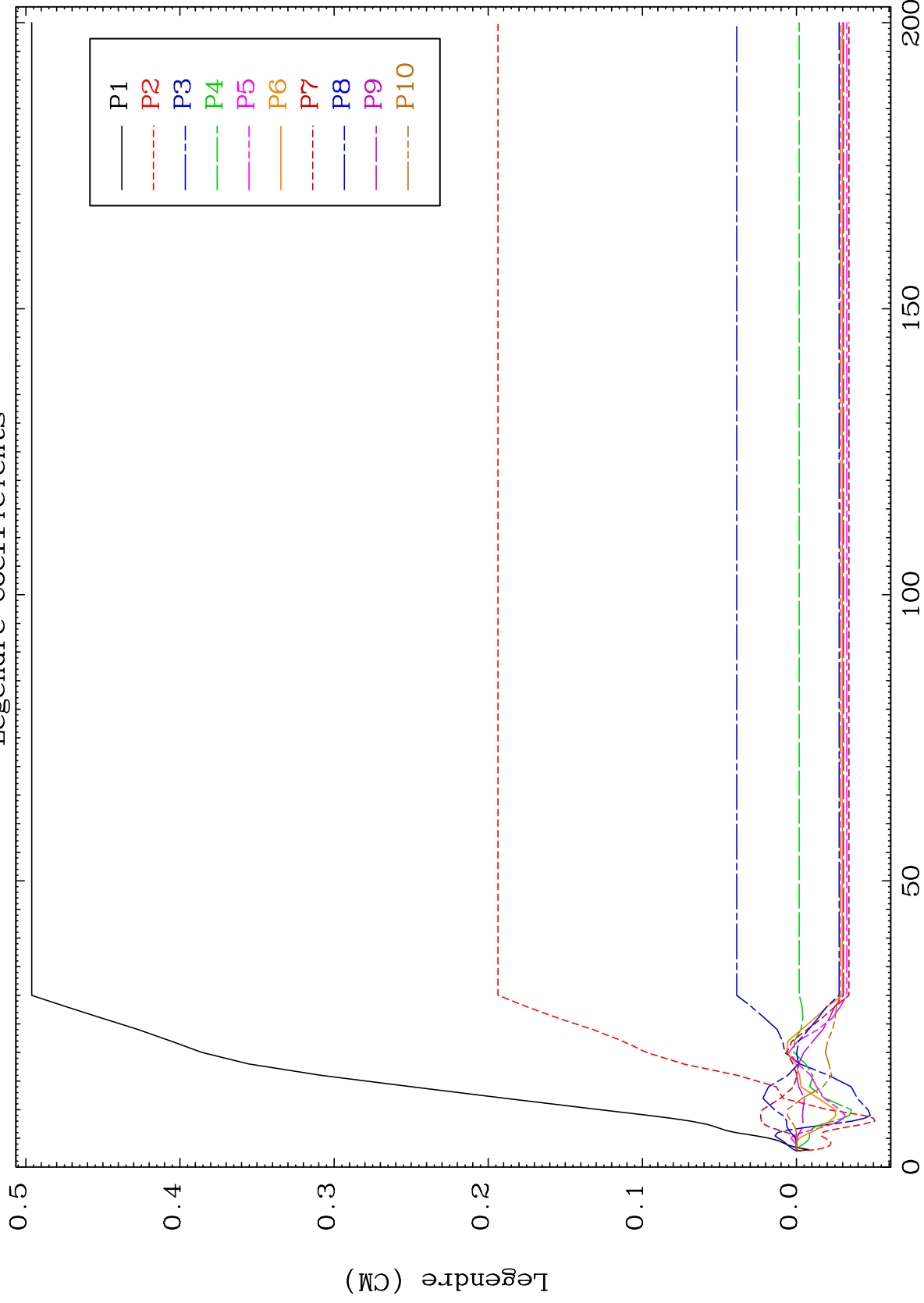
83-Bi-209



MAT 8325

2.767 MeV (n,n') Level
Legendre Coefficients

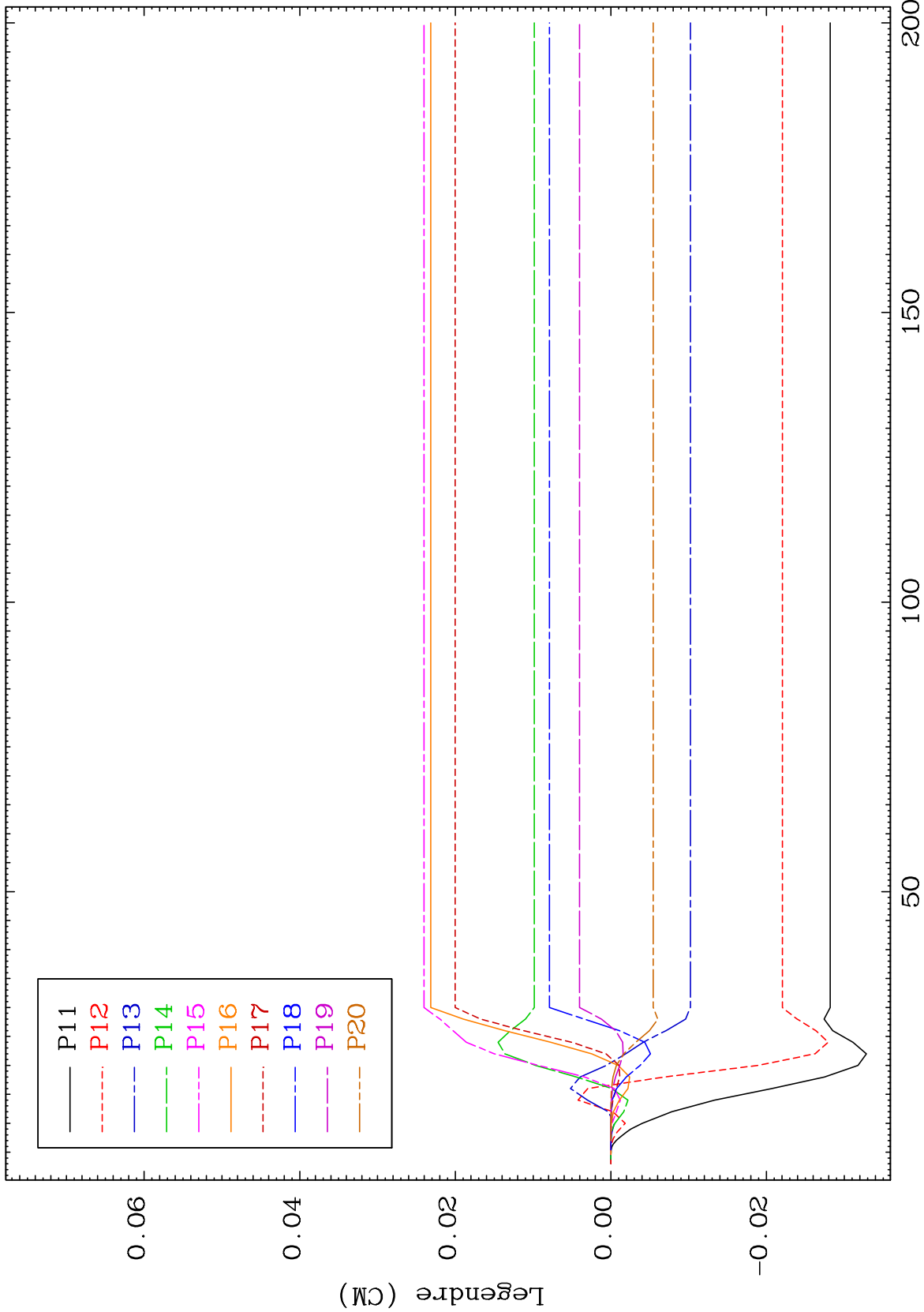
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Incident Energy (MeV)

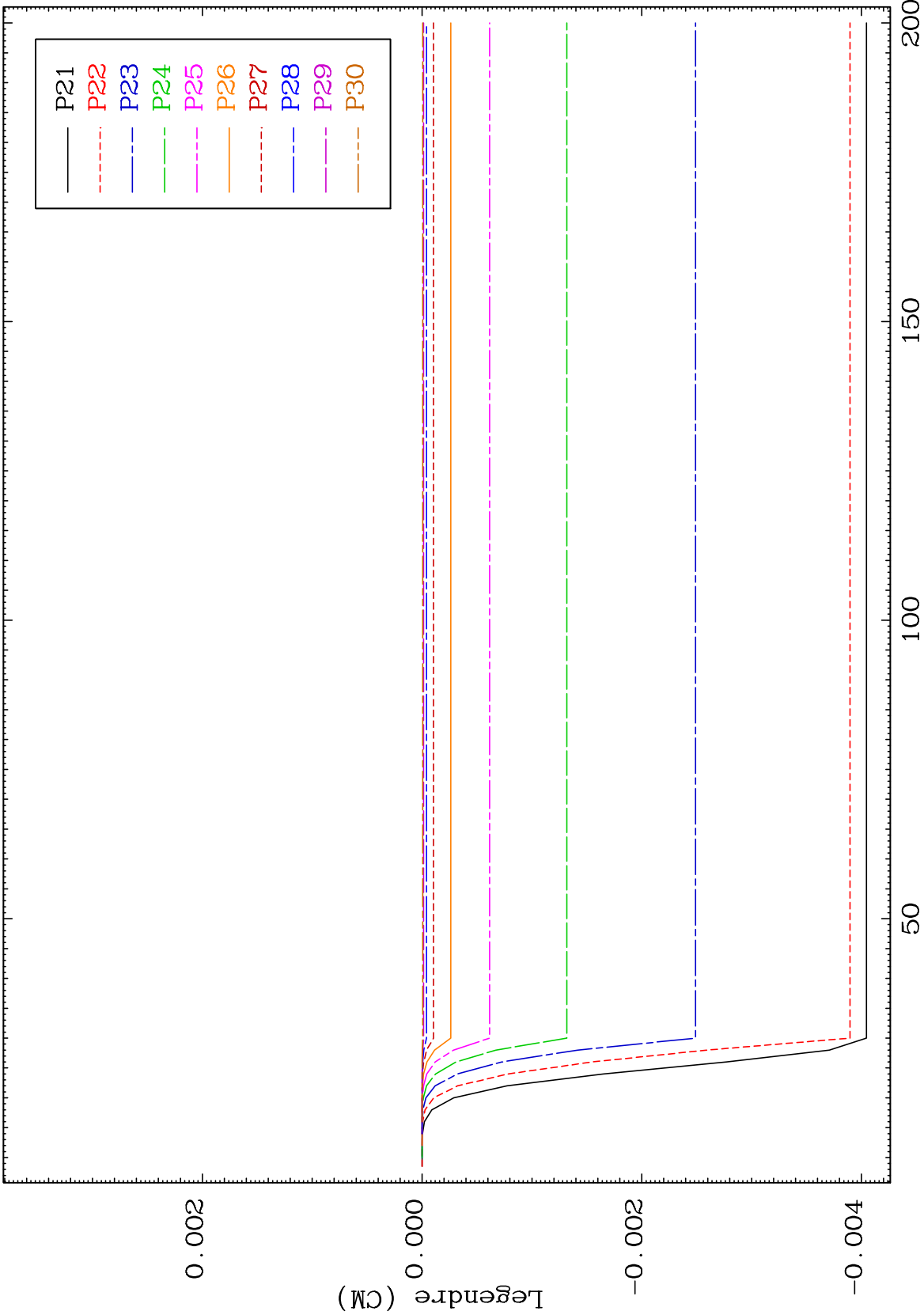
83-Bi-209



MAT 8325

2.767 MeV (n,n') Level
Legendre Coefficients

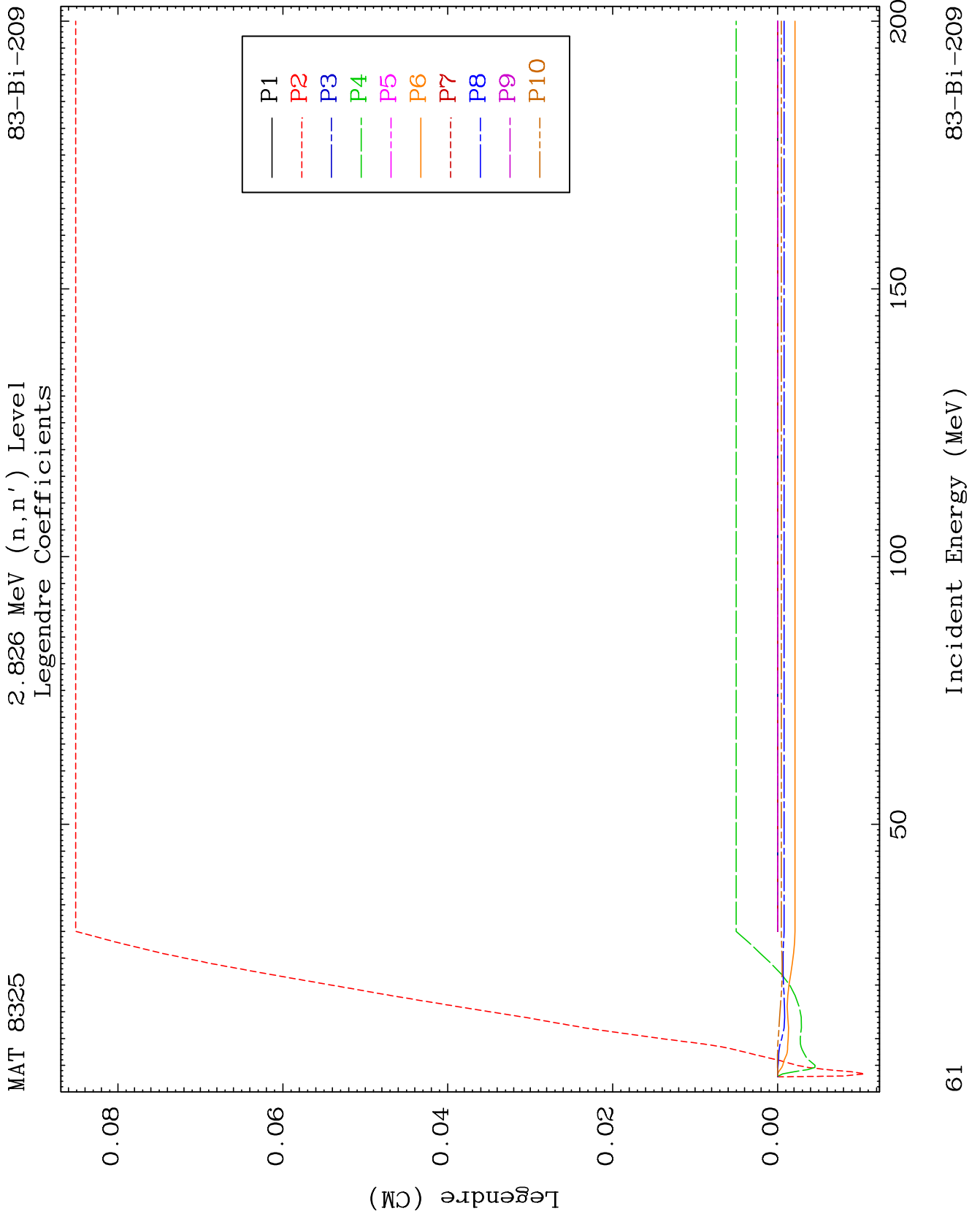
83-Bi-209



59

Incident Energy (MeV)

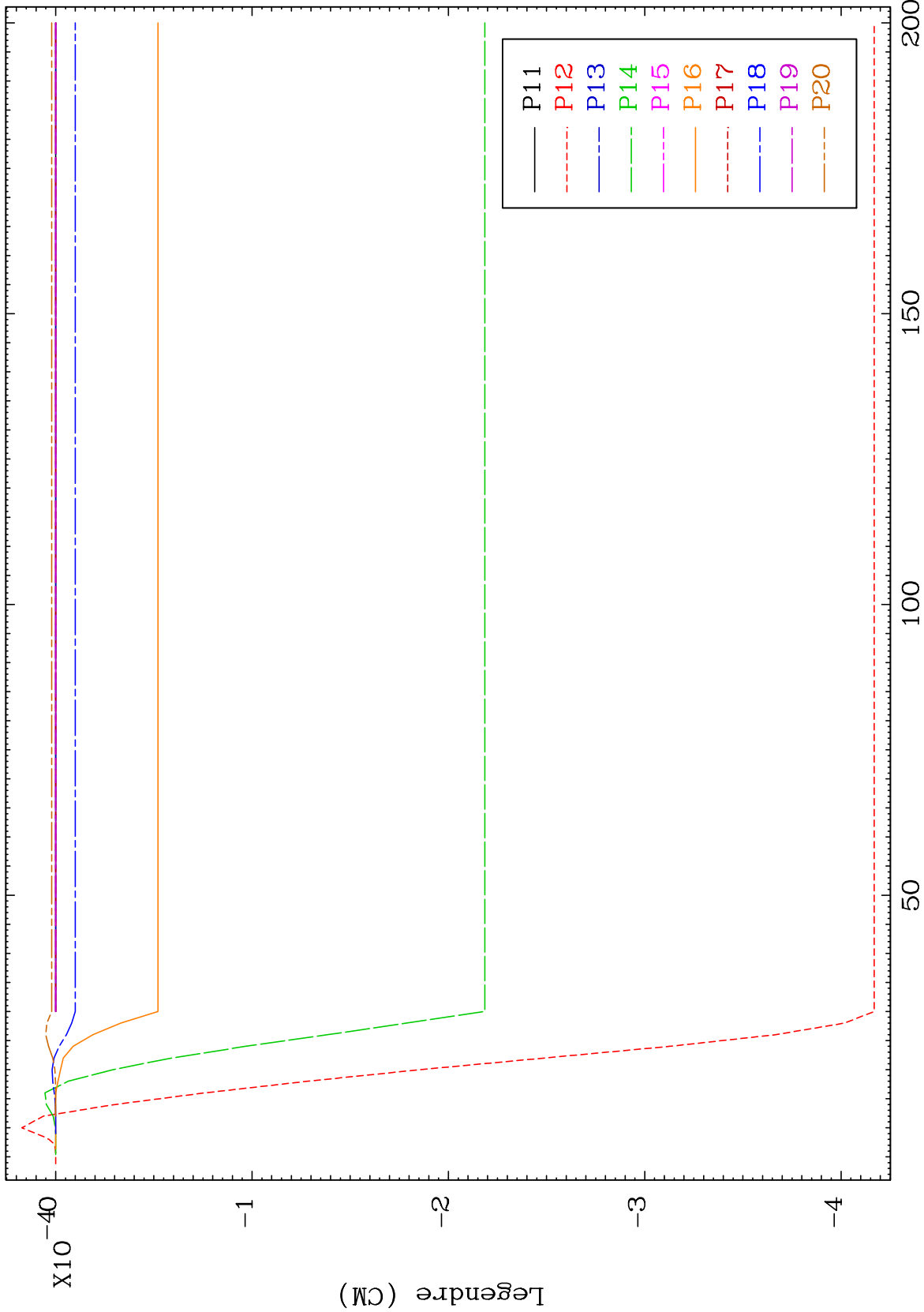
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MAT 8325

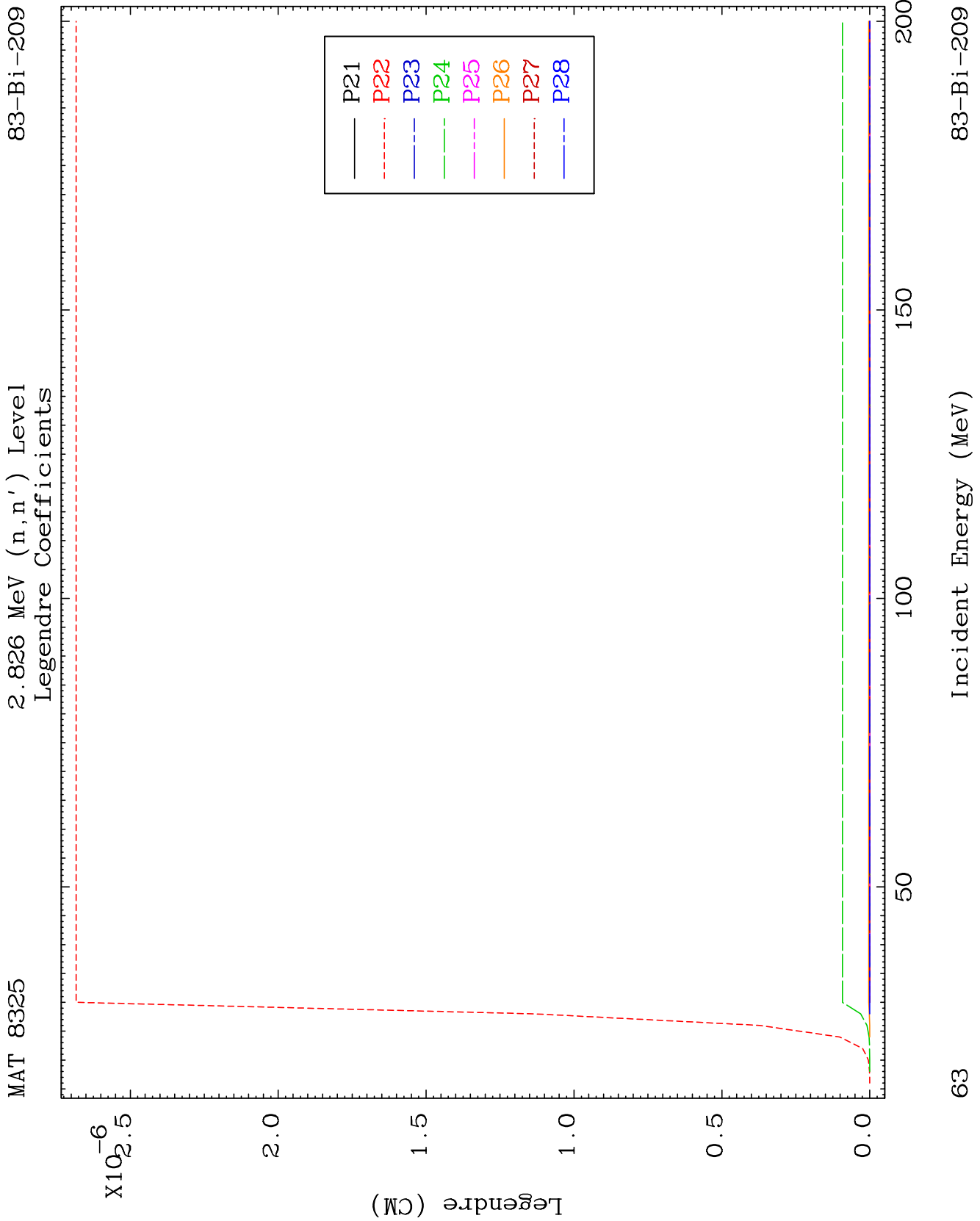
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Legendre Coefficients

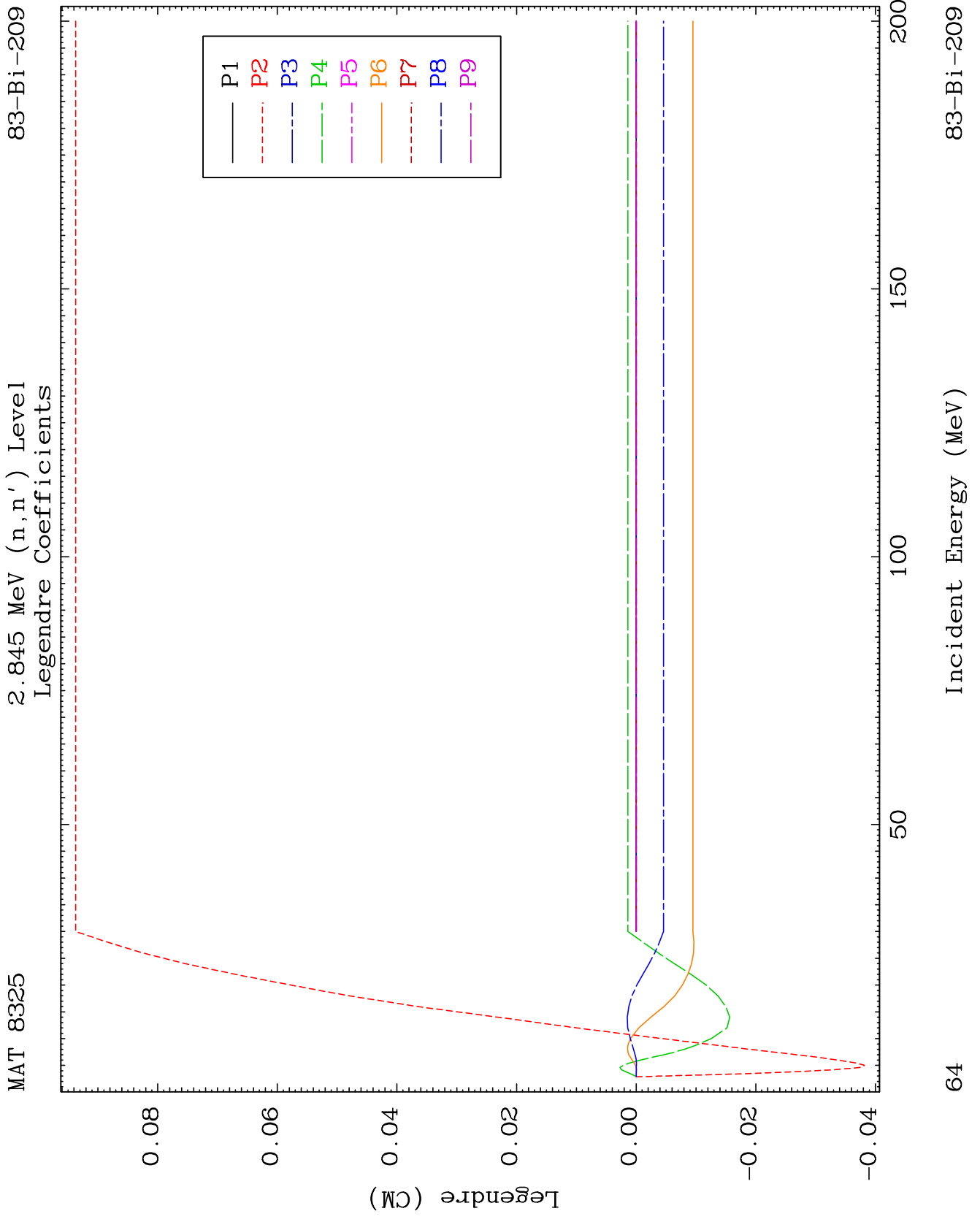
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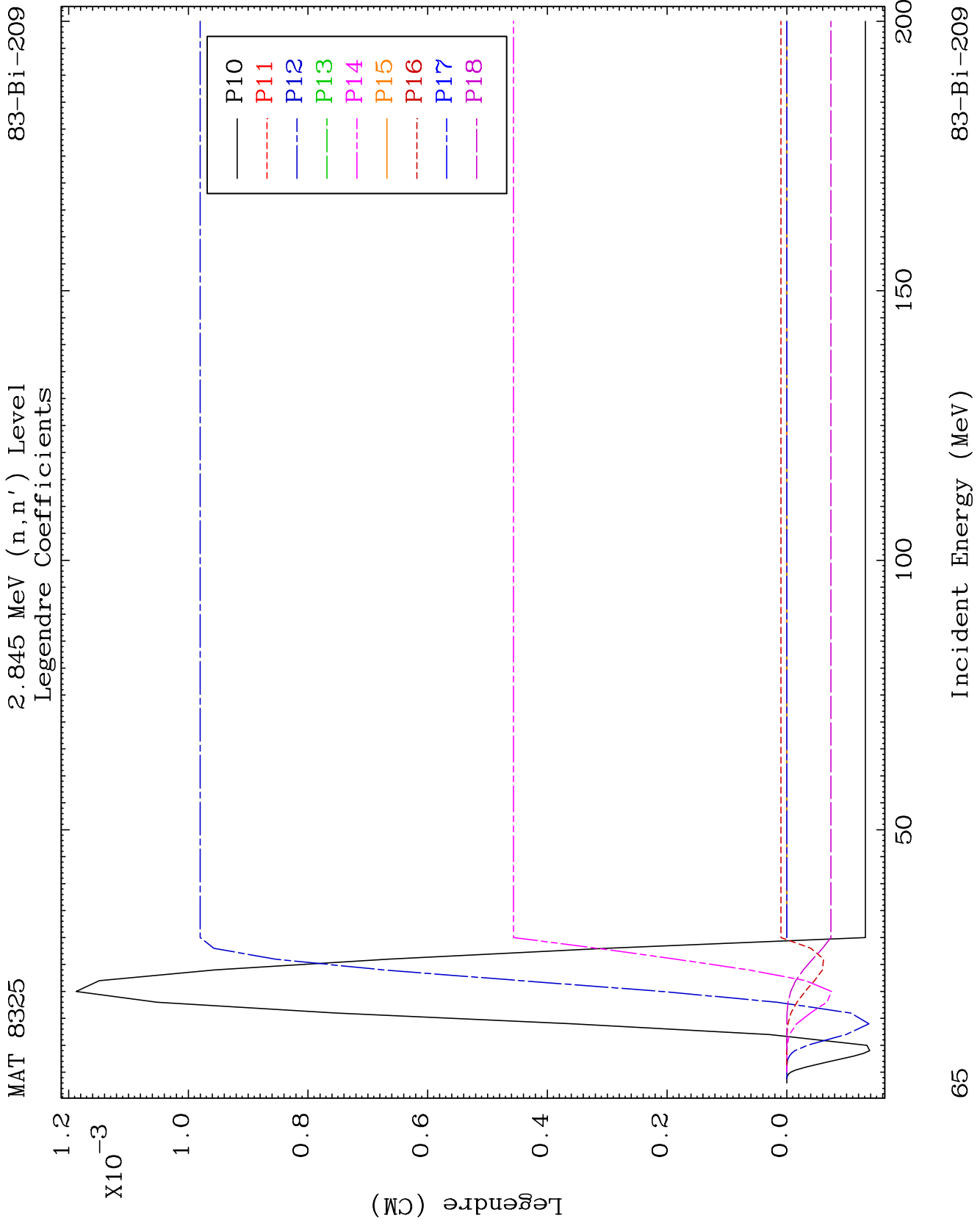


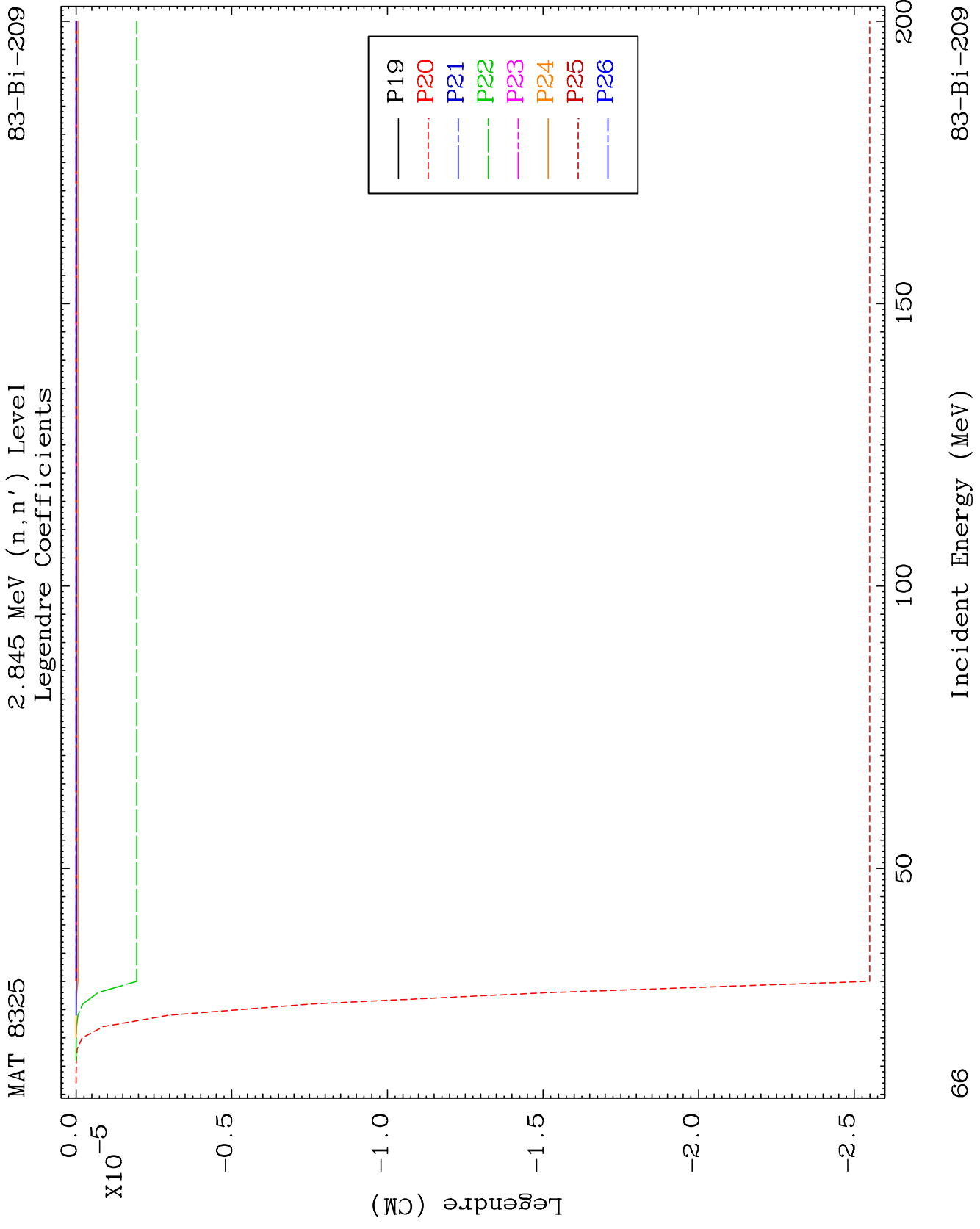
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83-Bi-209





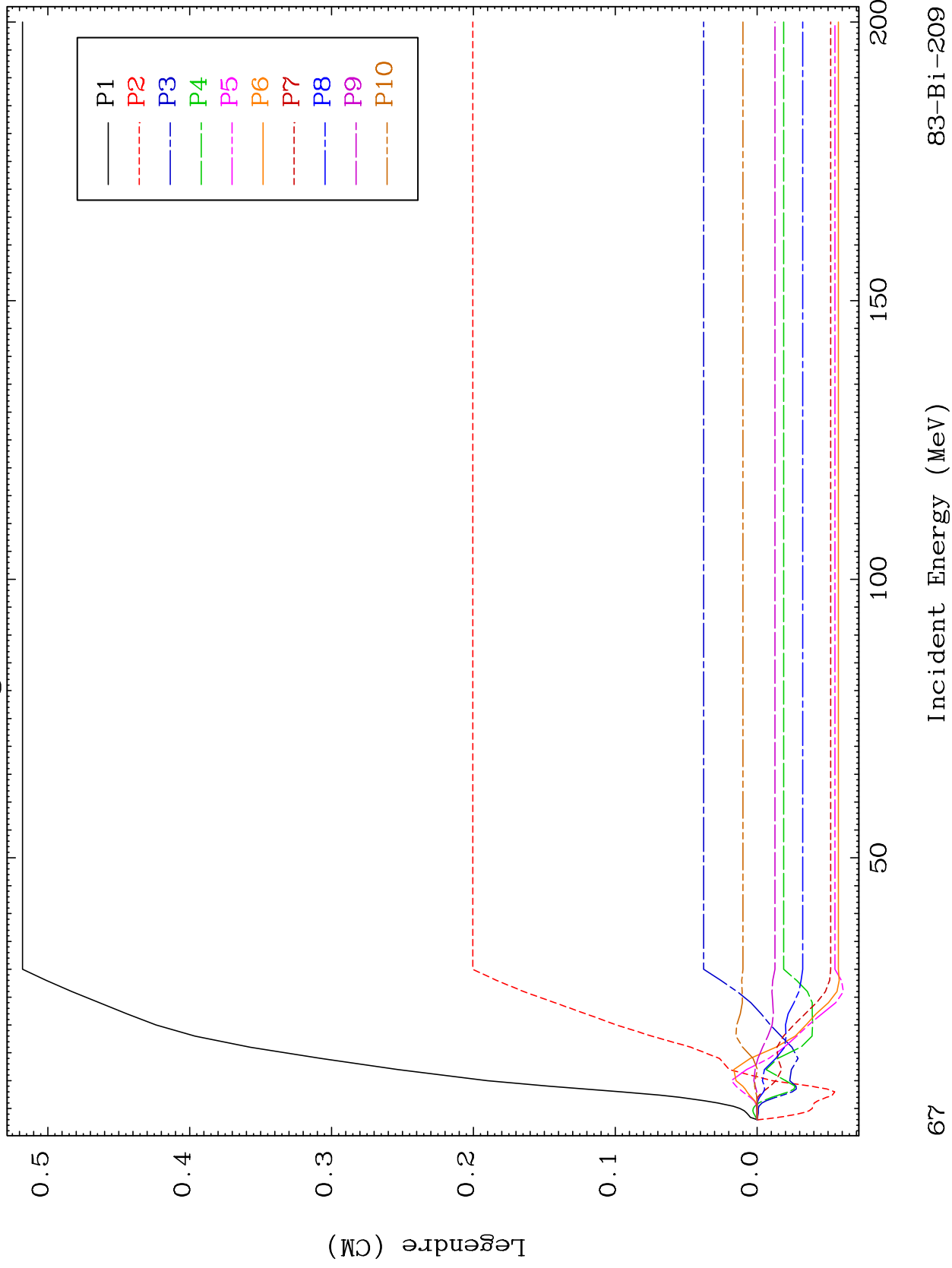




MAT 8325

2.917 MeV (n,n') Level
Legendre Coefficients

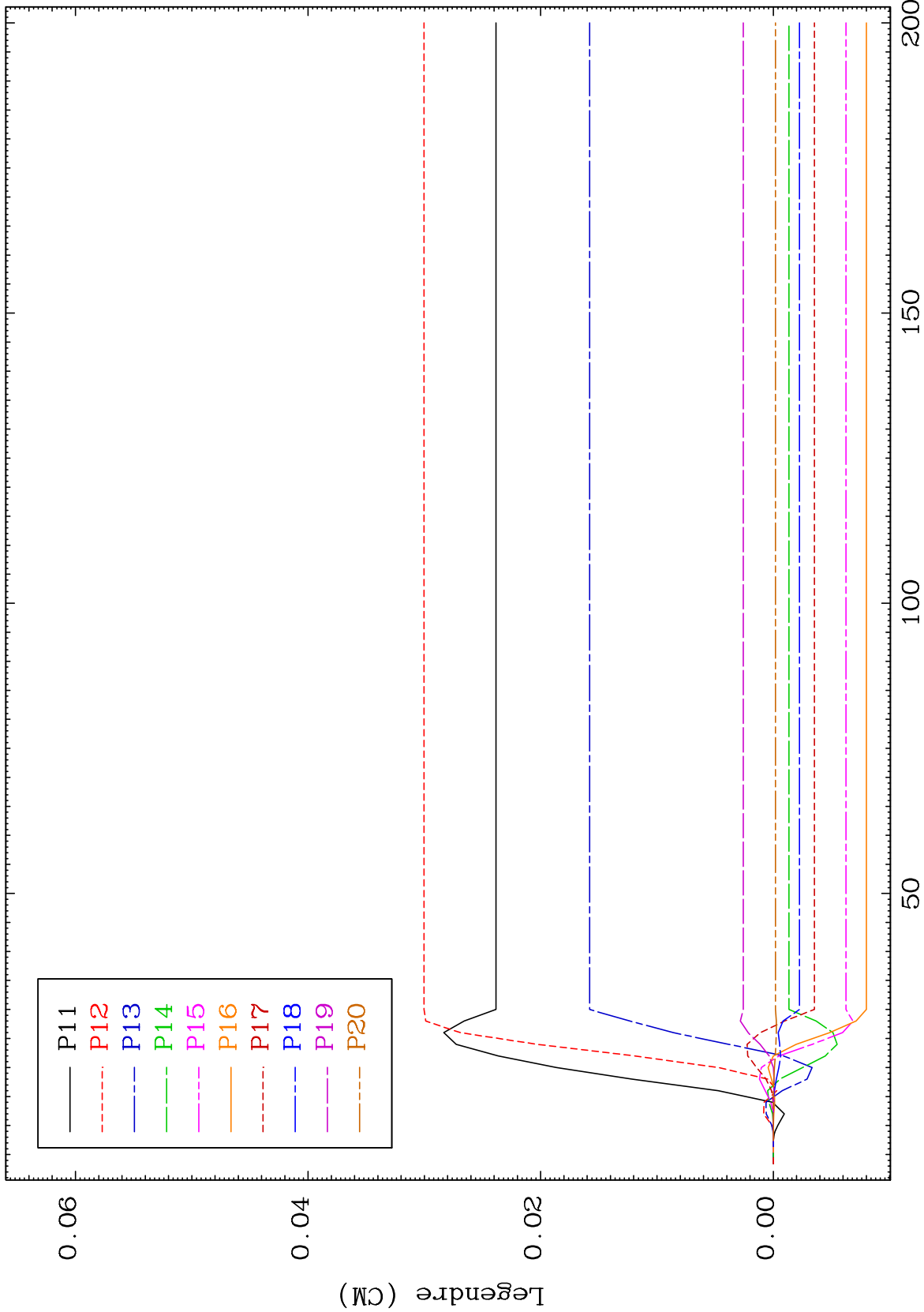
83-Bi-209



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Incident Energy (MeV)

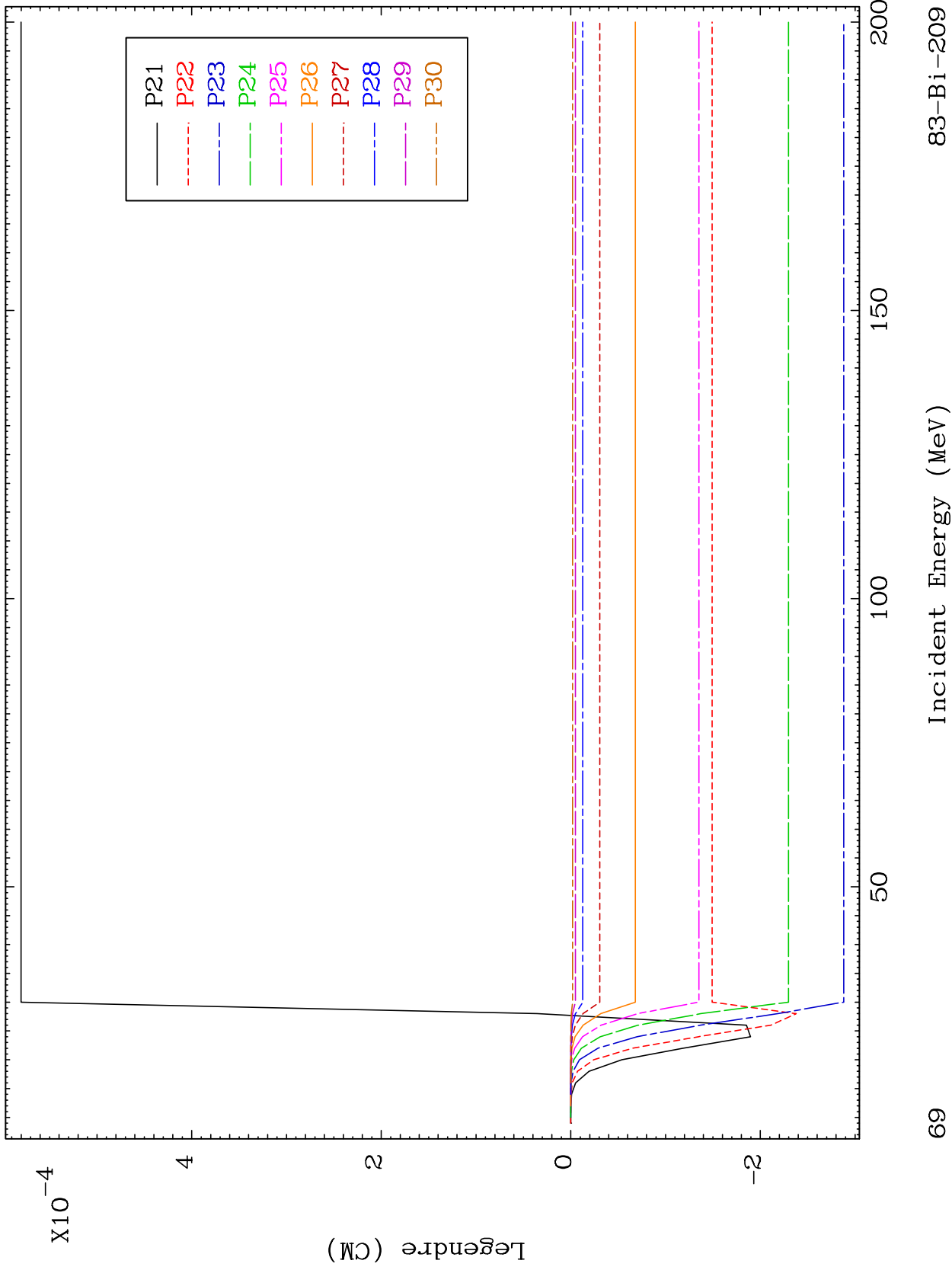
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MAT 8325

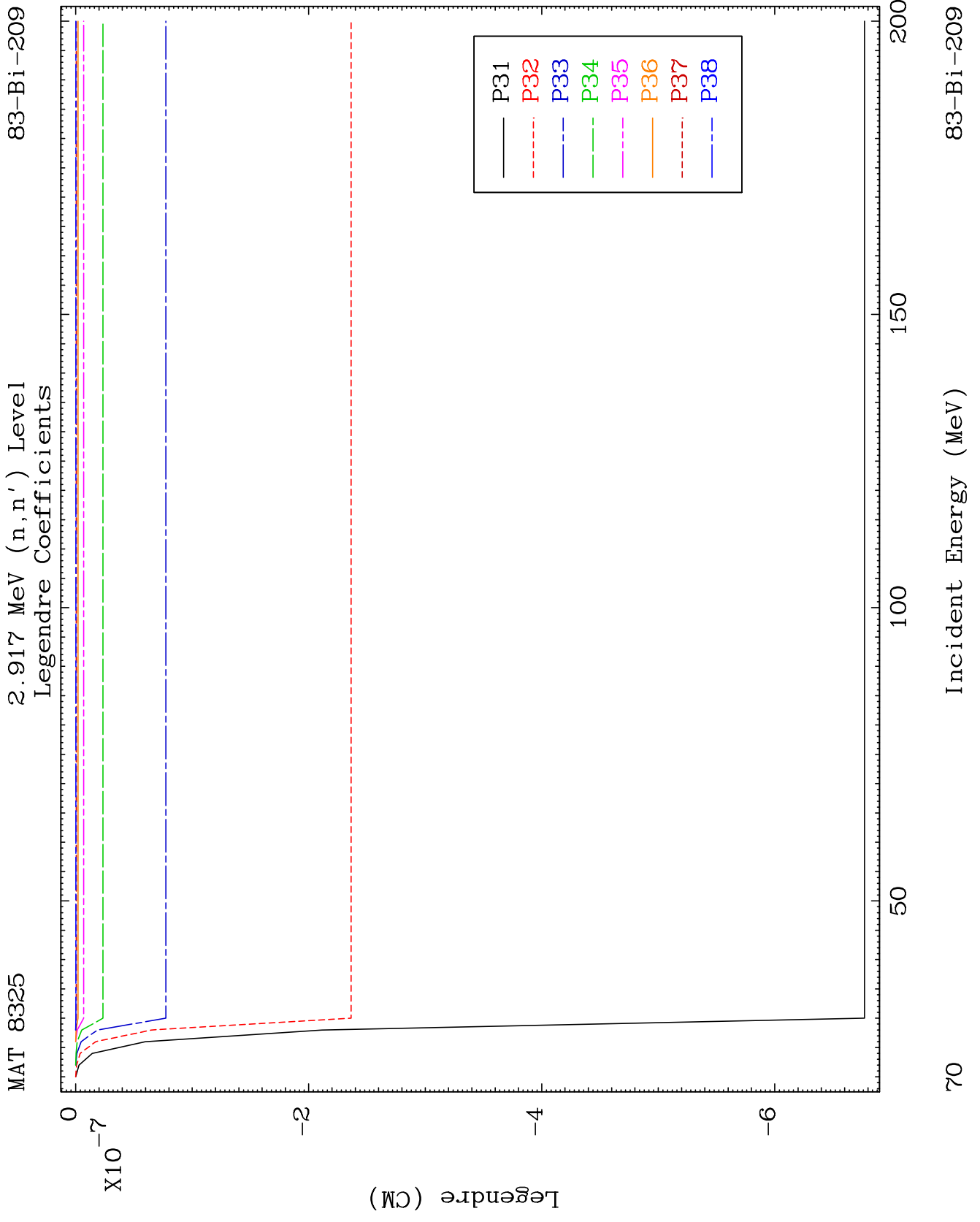
2.917 MeV (n,n') Level
Legendre Coefficients

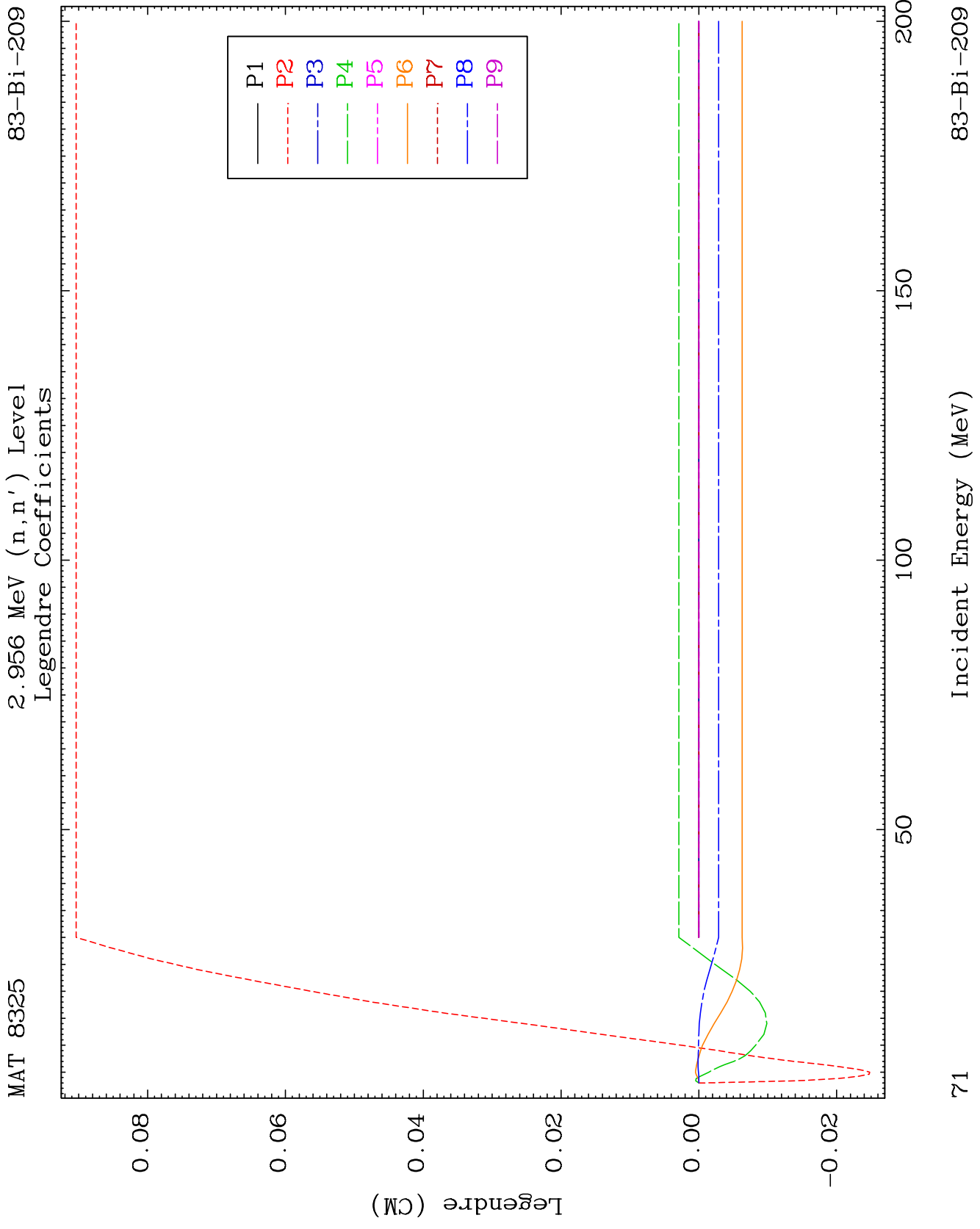
83-Bi-209



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83-Bi-209

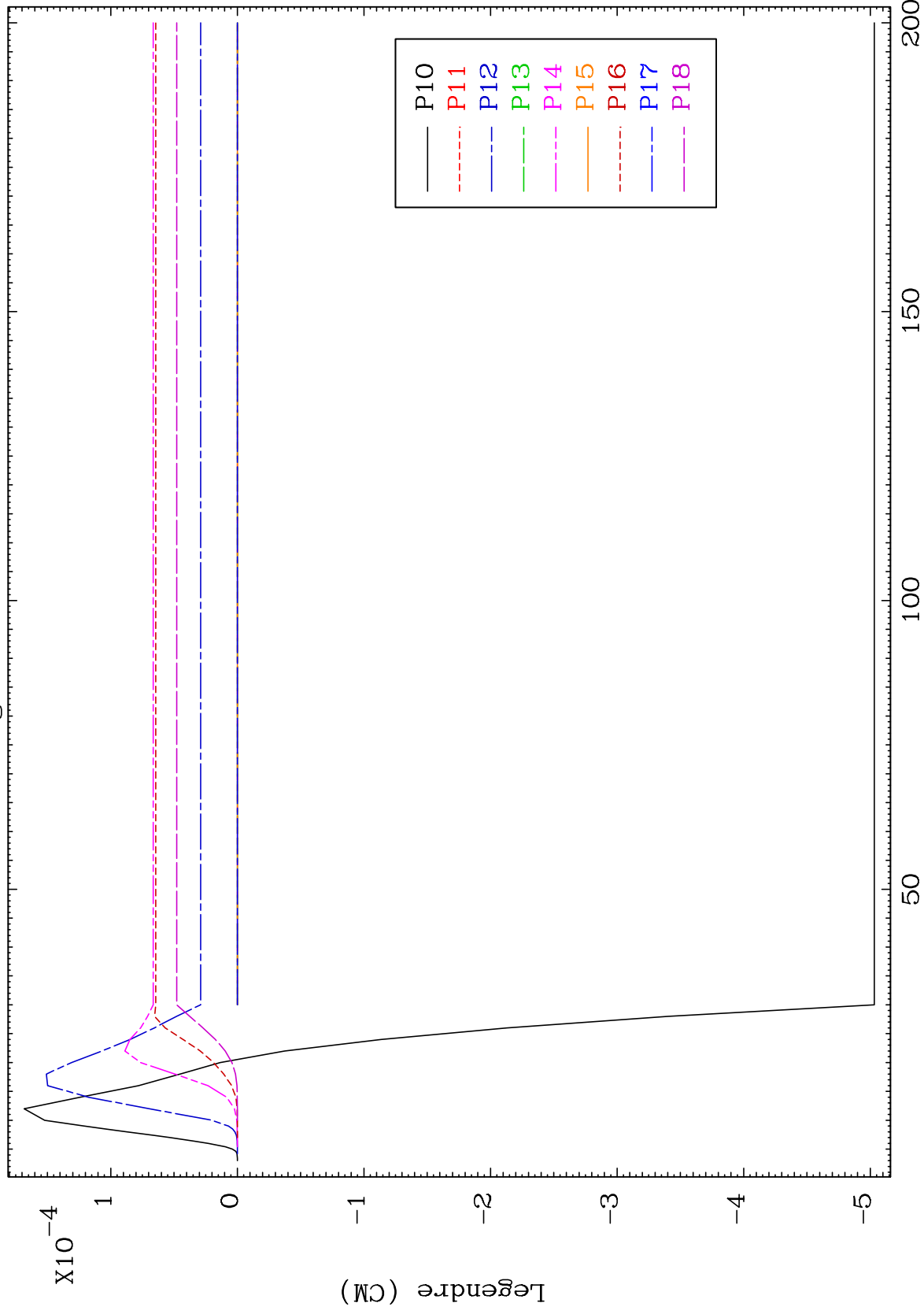




MAT 8325

2.956 MeV (n,n') Level
Legendre Coefficients

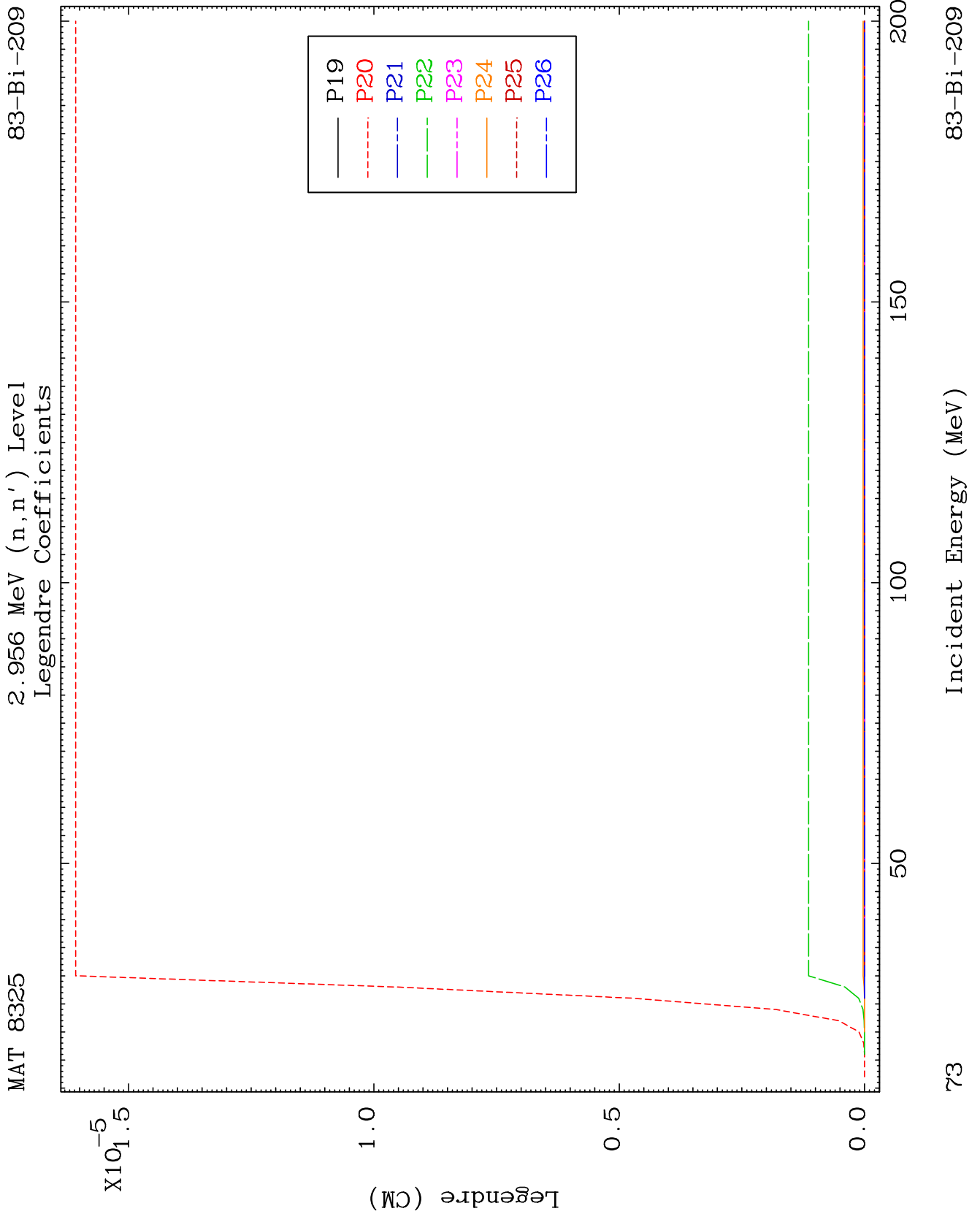
83-Bi-209



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Incident Energy (MeV)

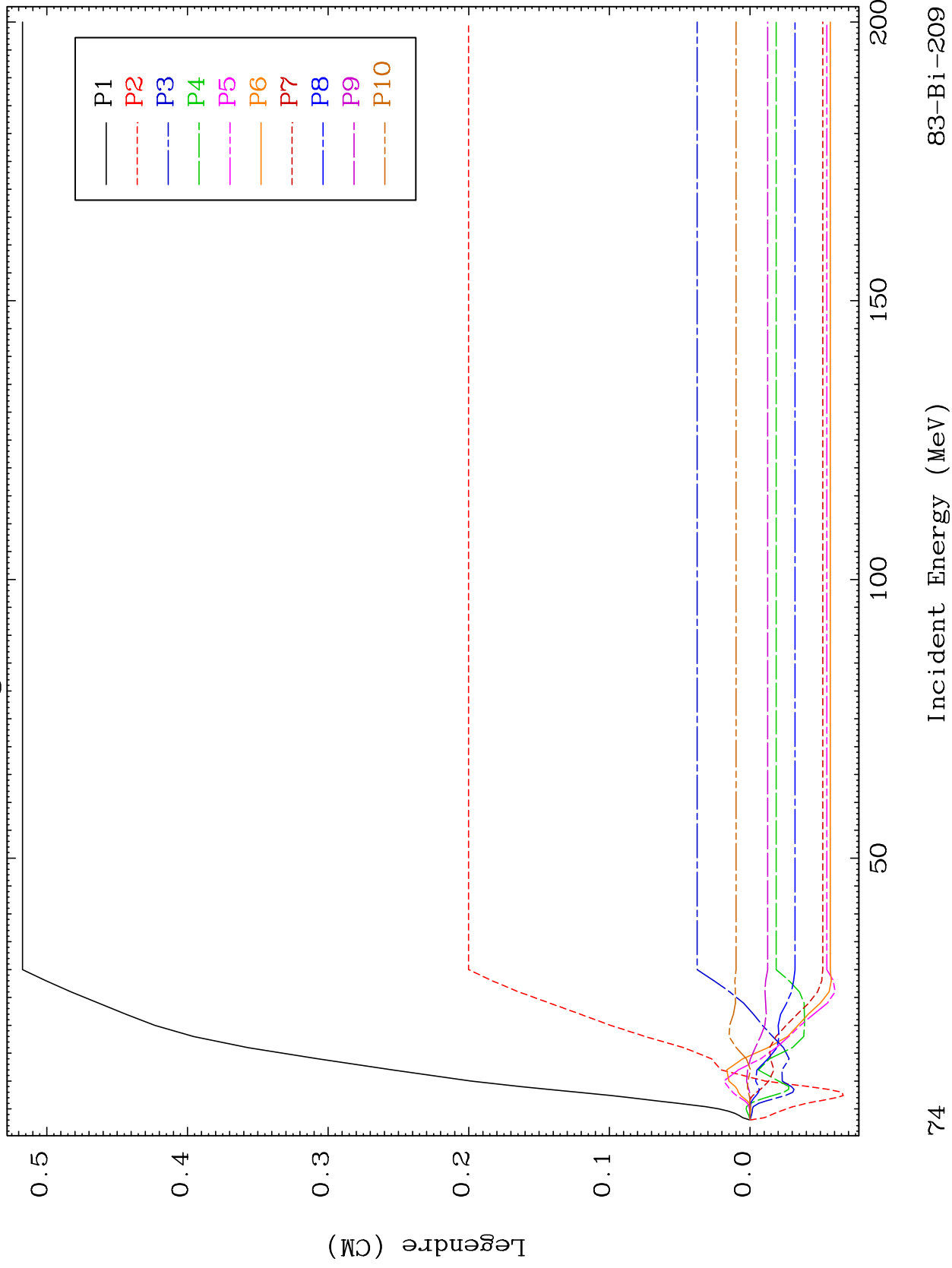
83-Bi-209



MAT 8325

2.987 MeV (n,n') Level
Legendre Coefficients

83-Bi-209



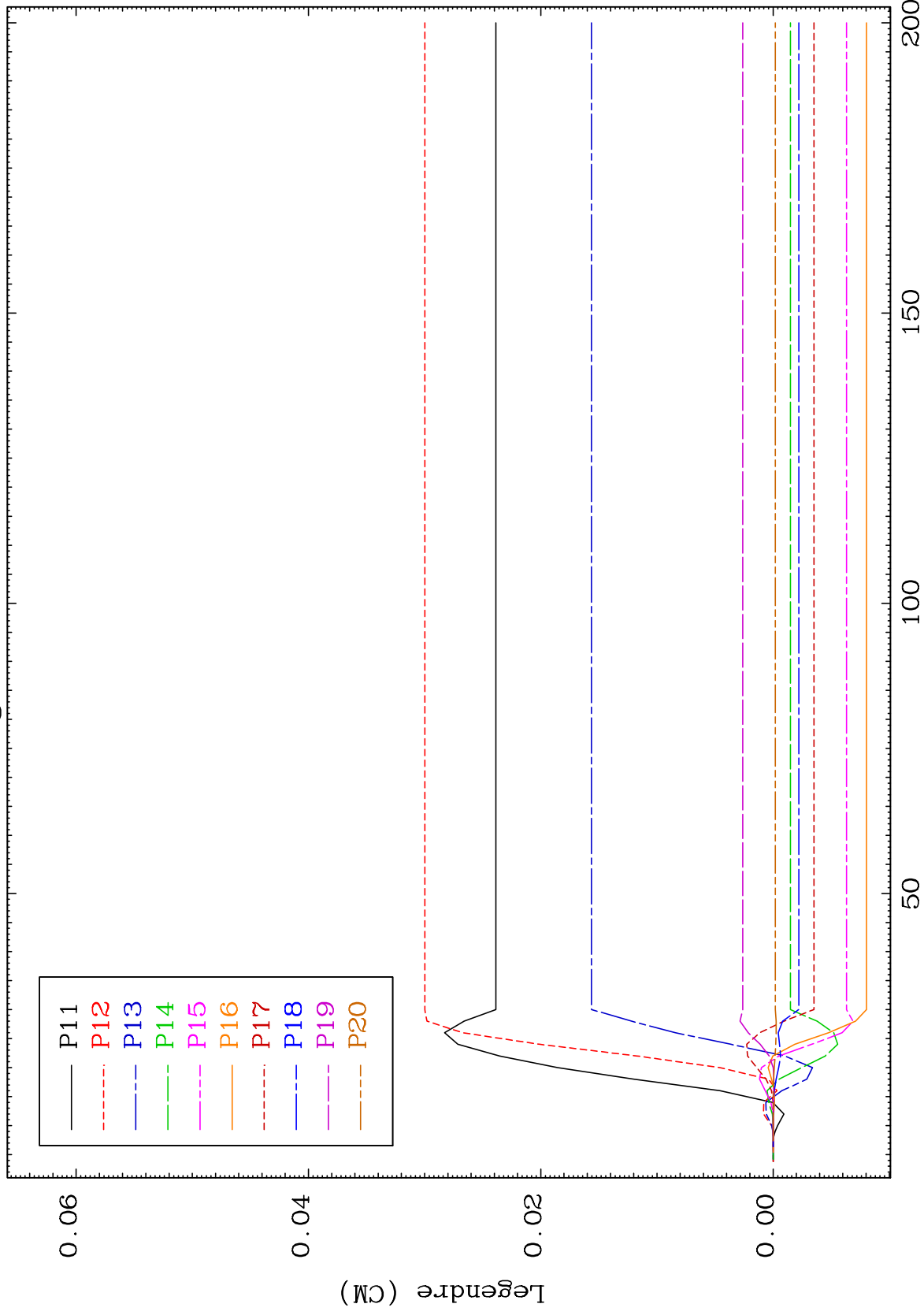
74

83-Bi-209

MAT 8325

2.987 MeV (n,n') Level
Legendre Coefficients

83-Bi-209



75

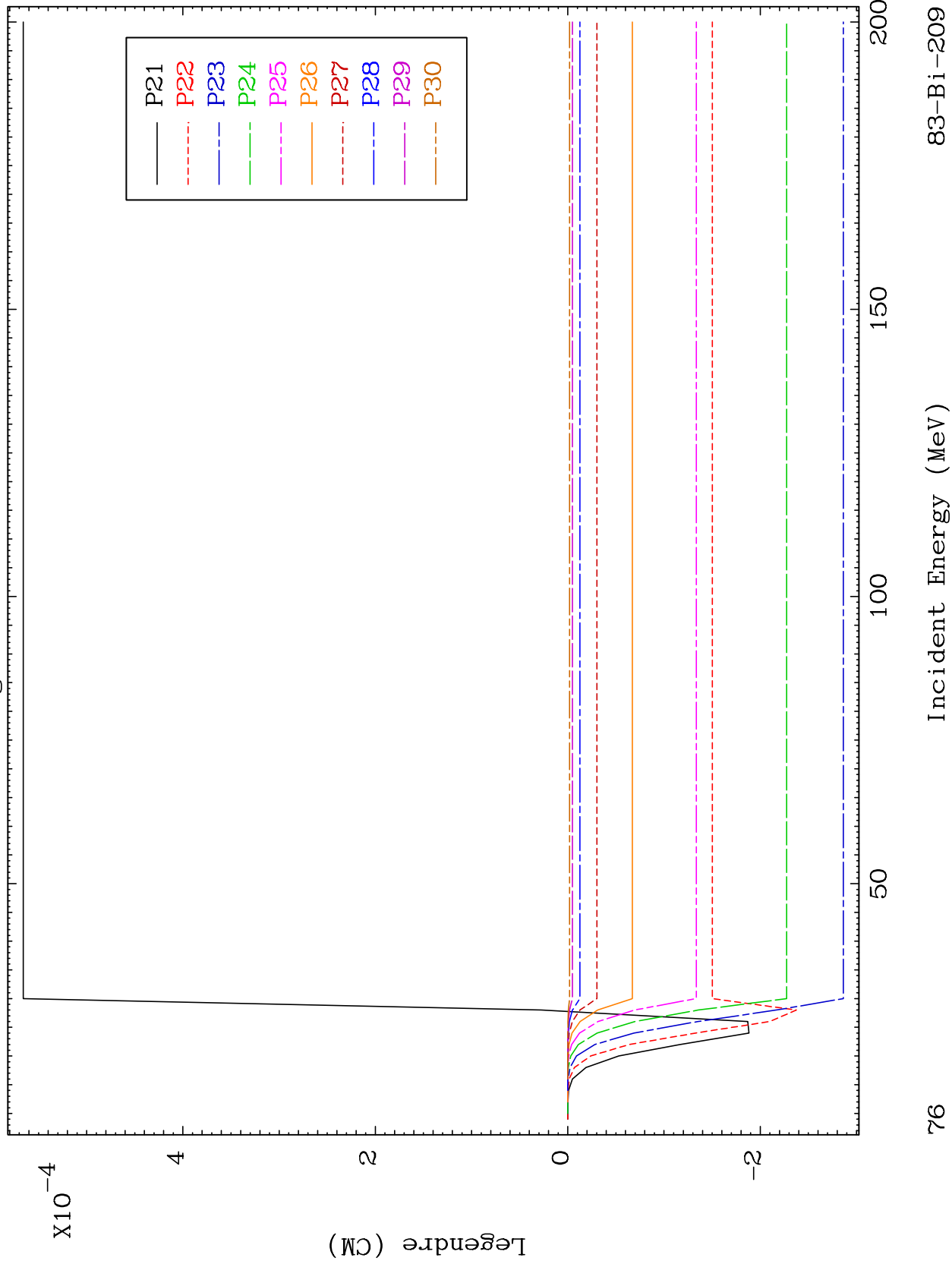
Incident Energy (MeV)

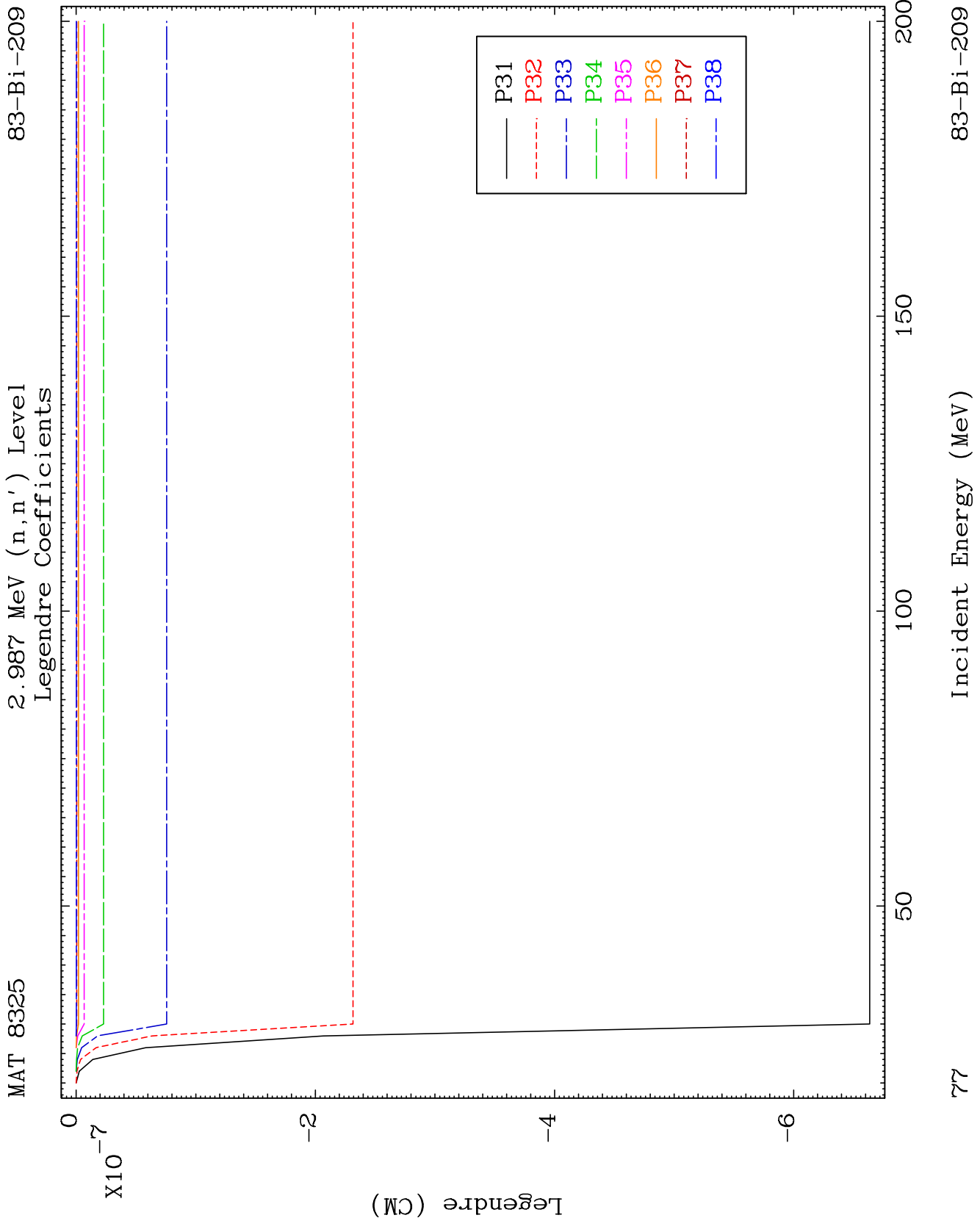
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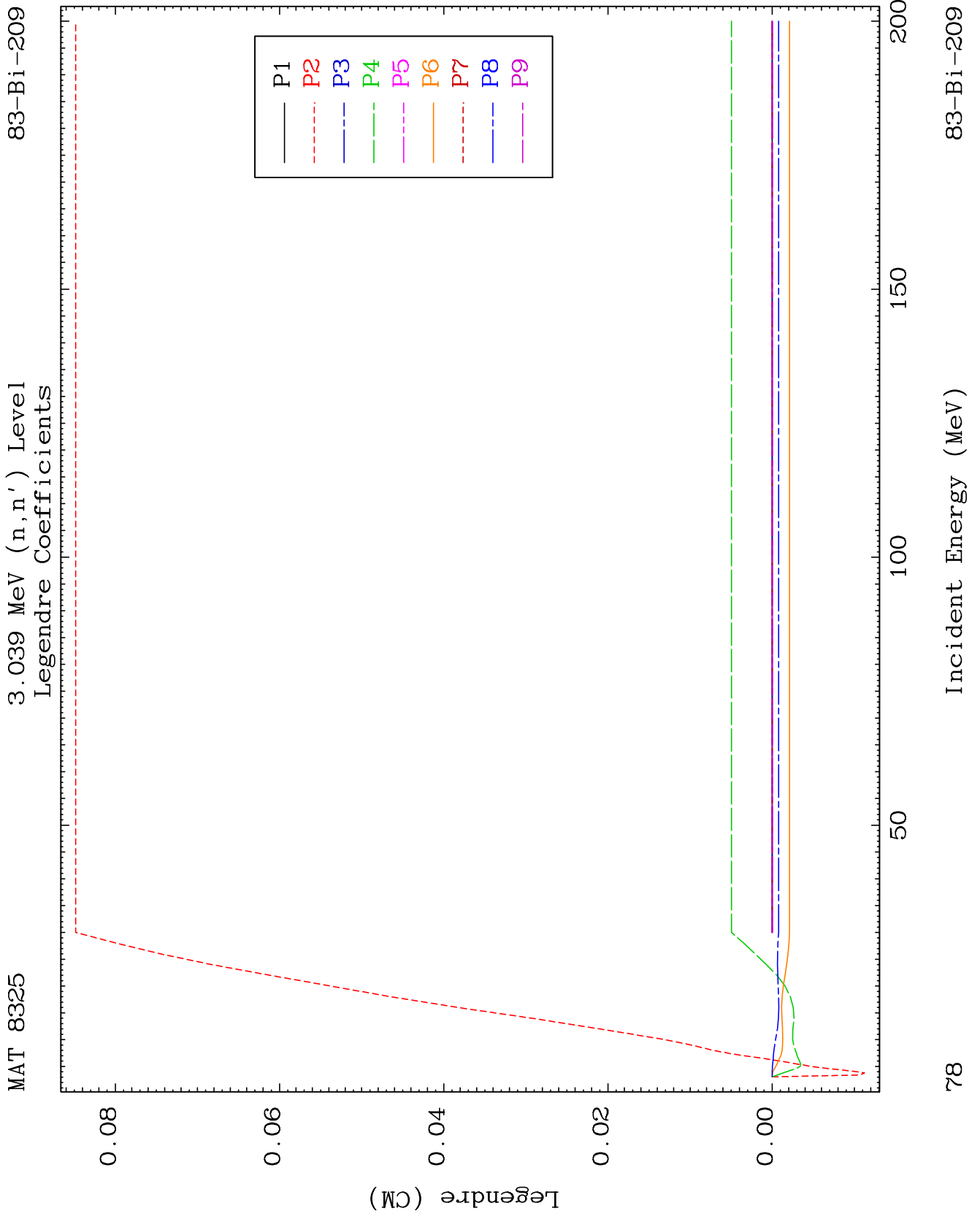
MAT 8325

2.987 MeV (n,n') Level
Legendre Coefficients

83-Bi-209



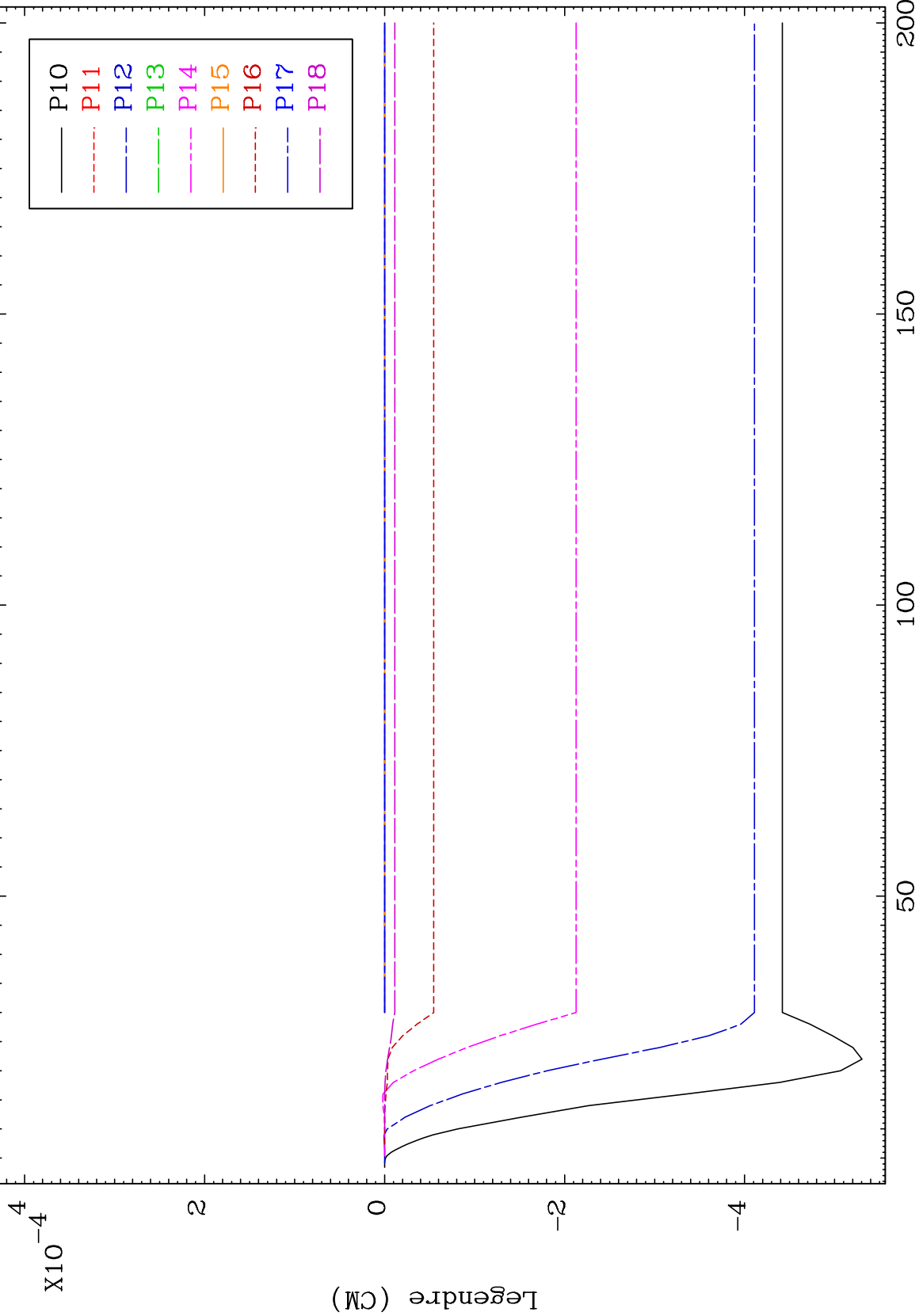




MAT 8325

3.039 MeV (n,n') Level
Legendre Coefficients

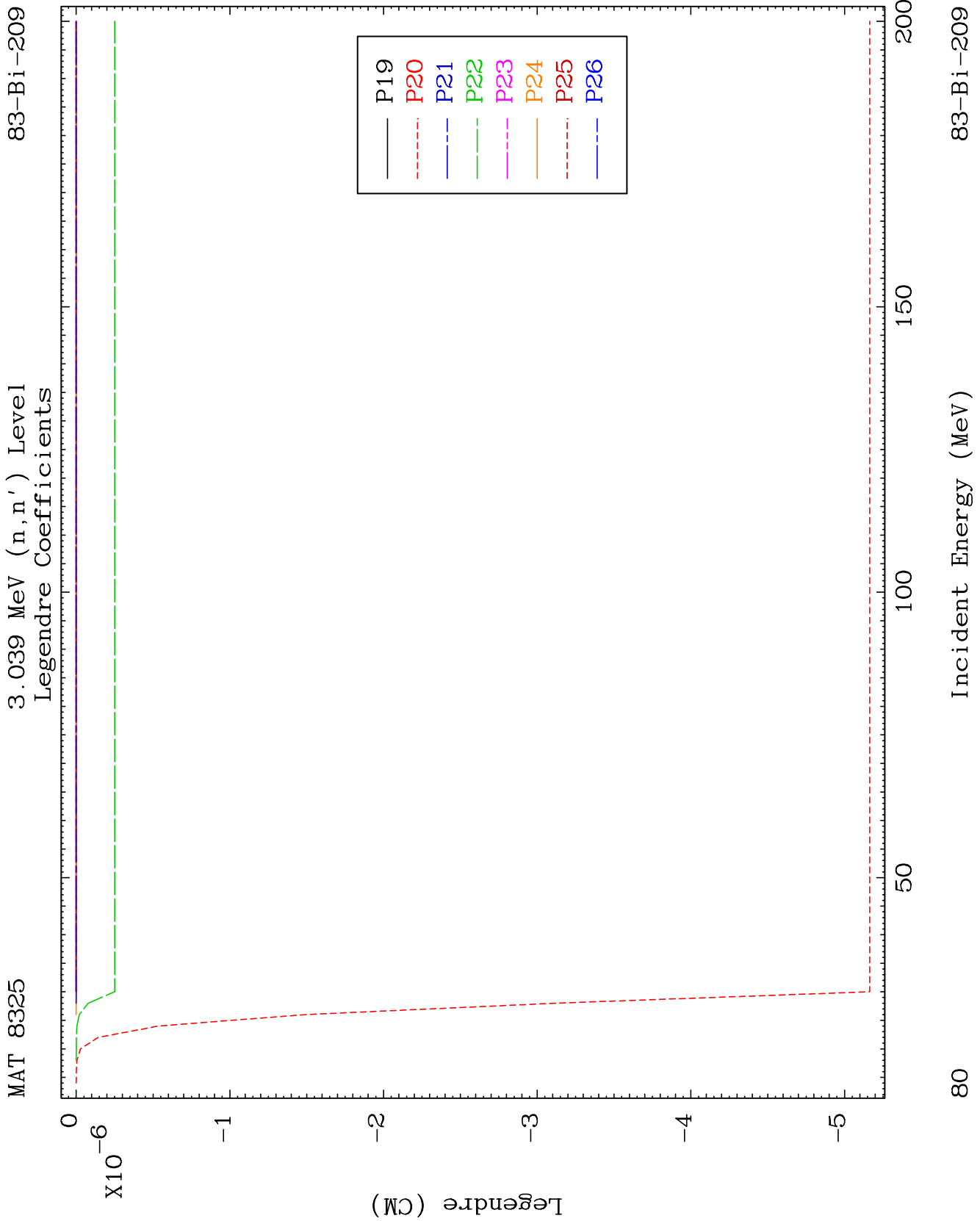
83-Bi-209

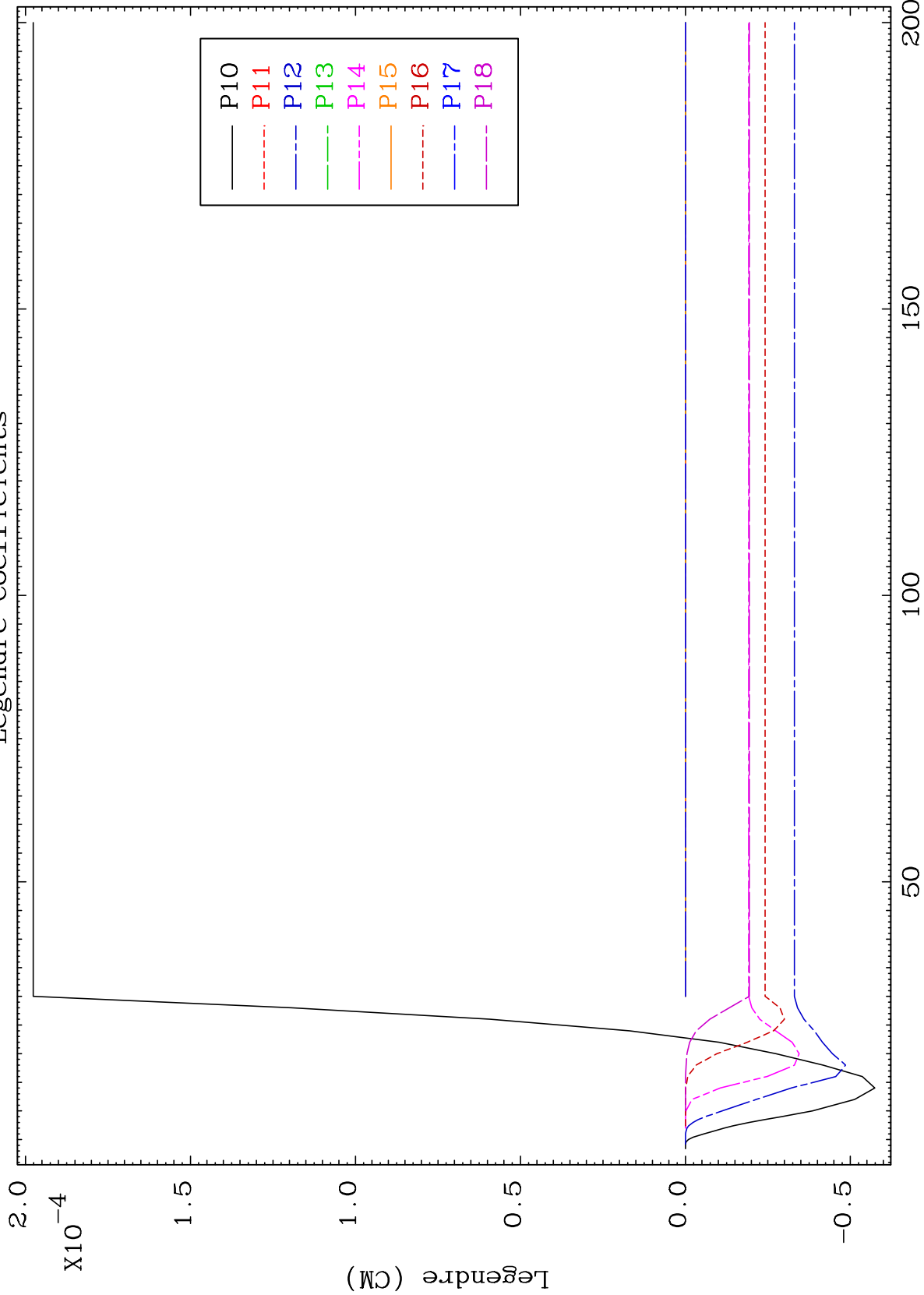


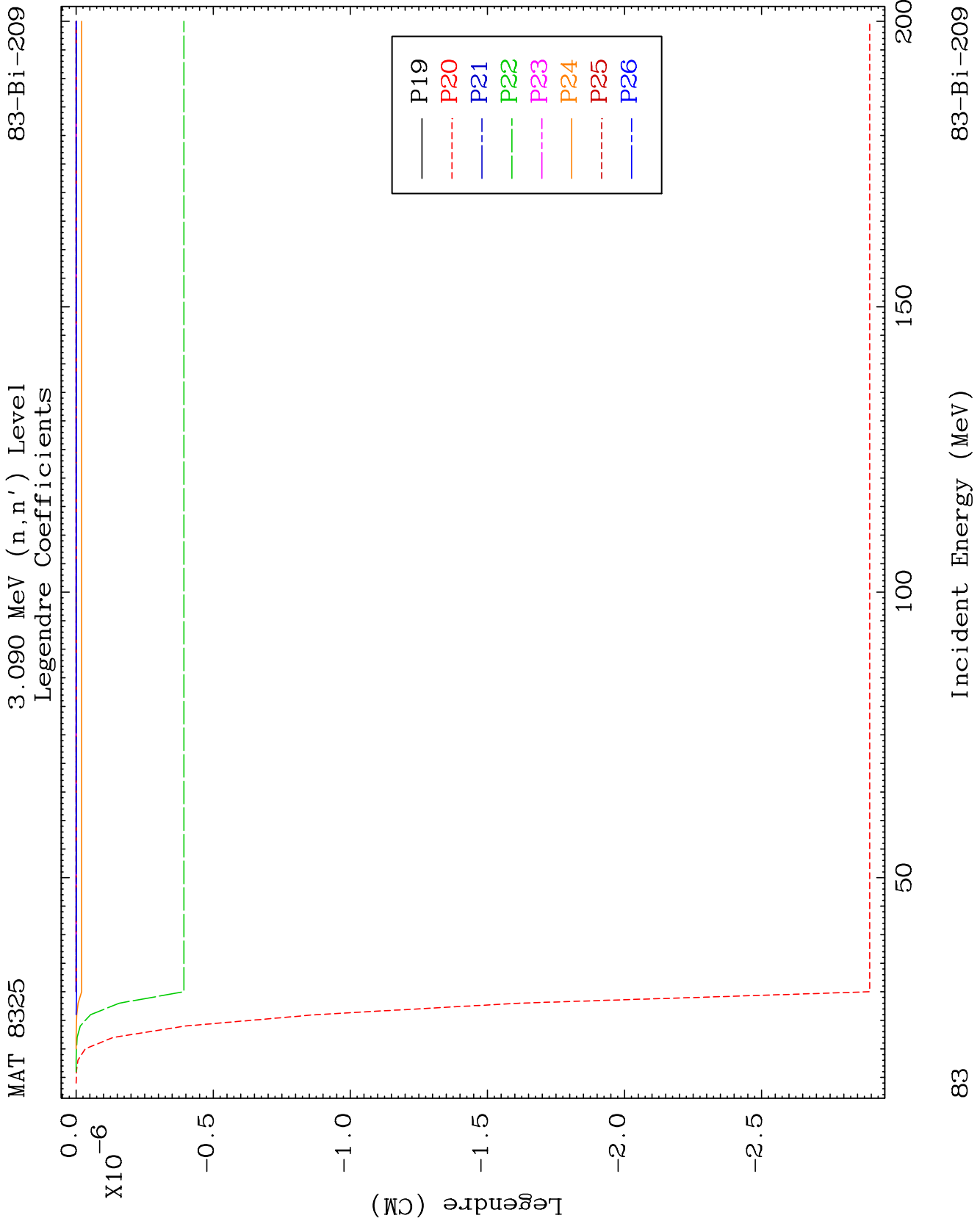
79

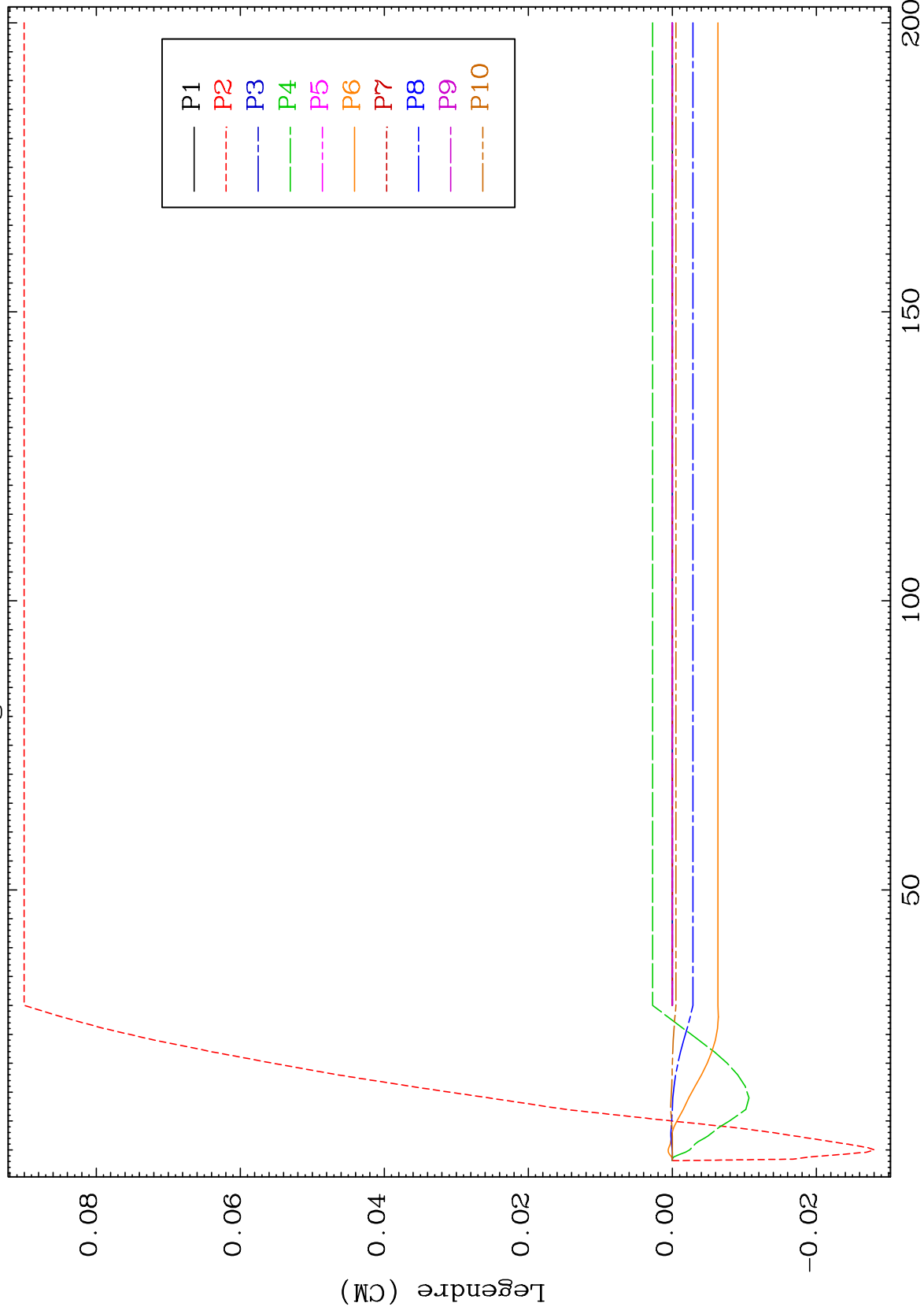
Incident Energy (MeV)

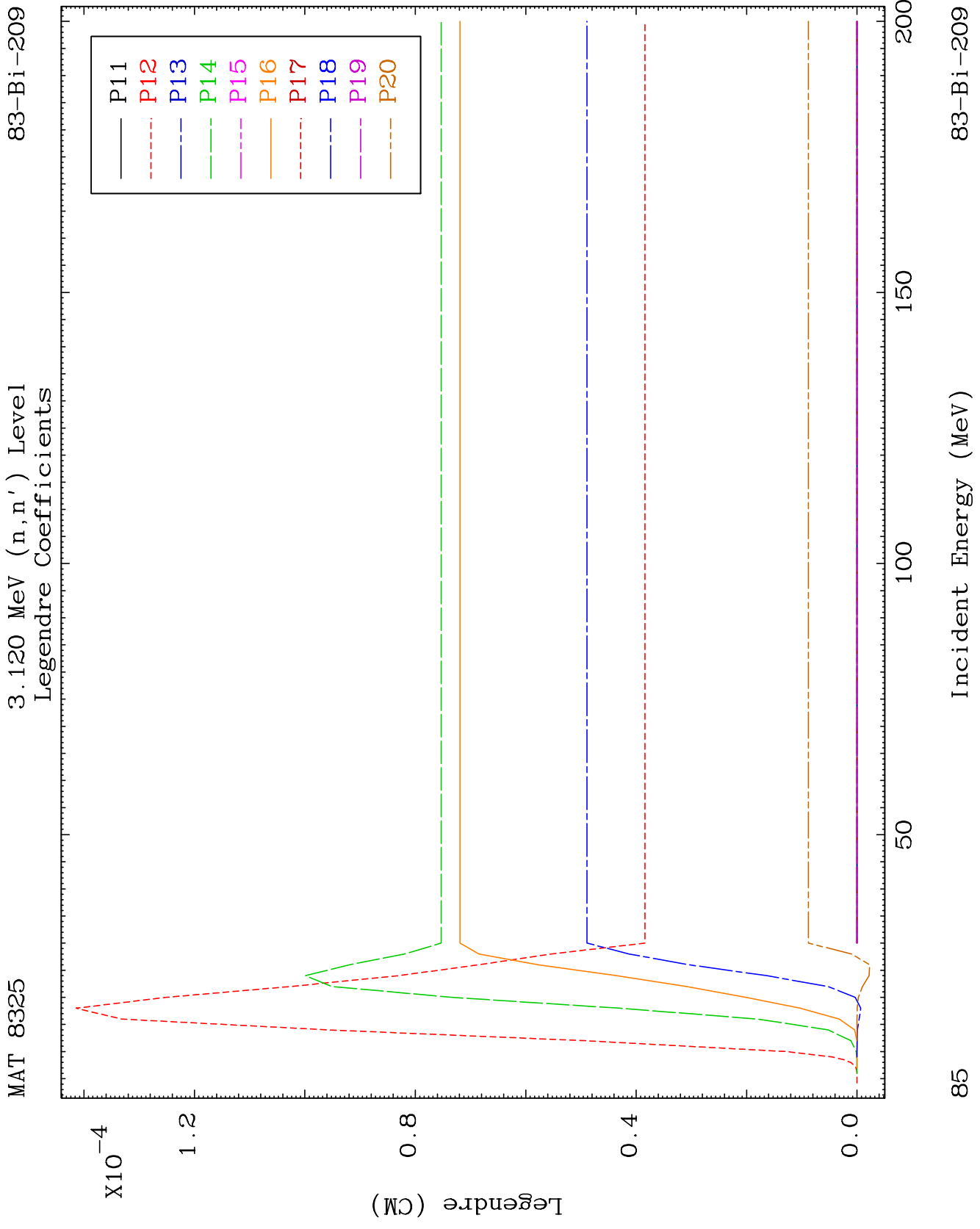
83-Bi-209

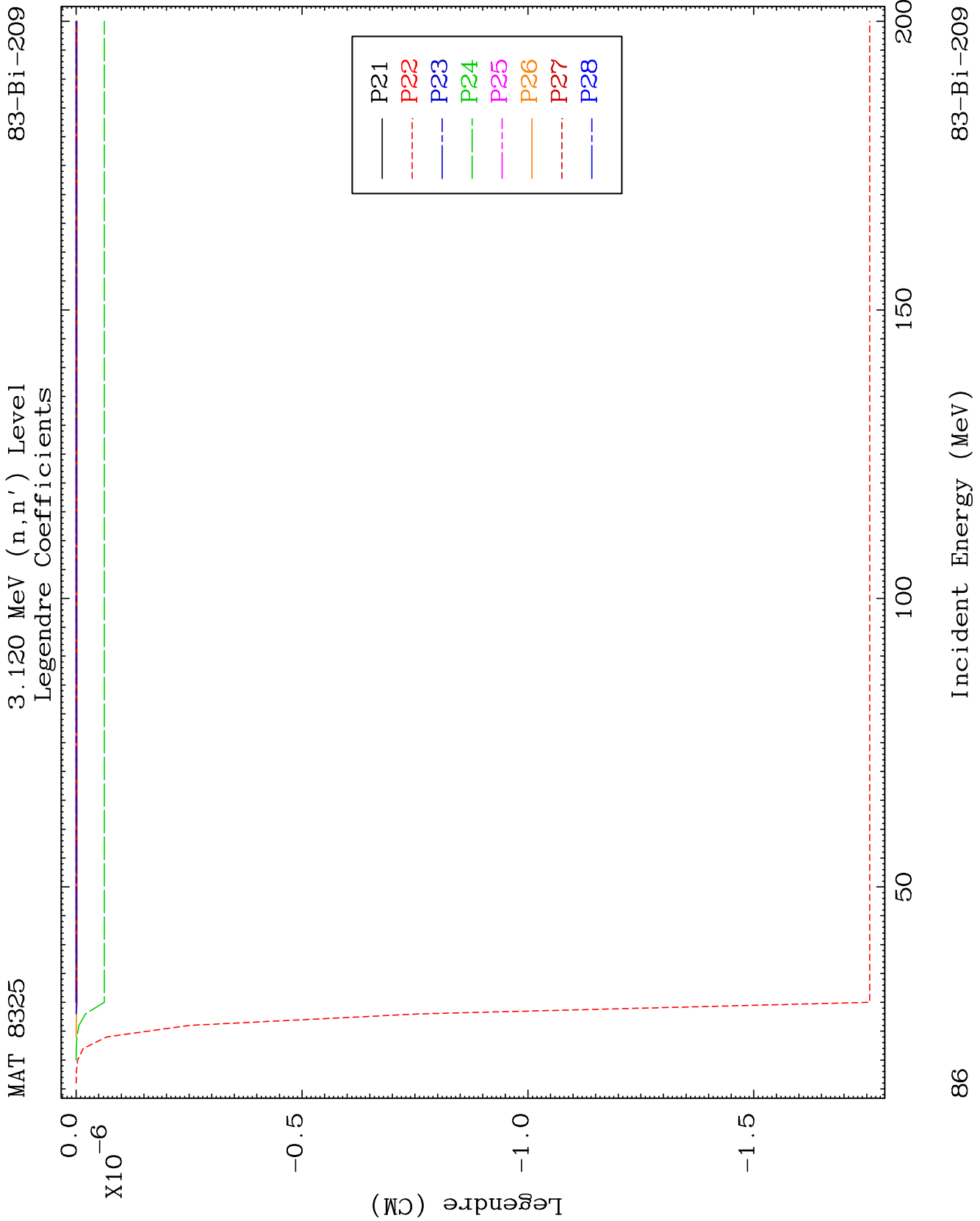


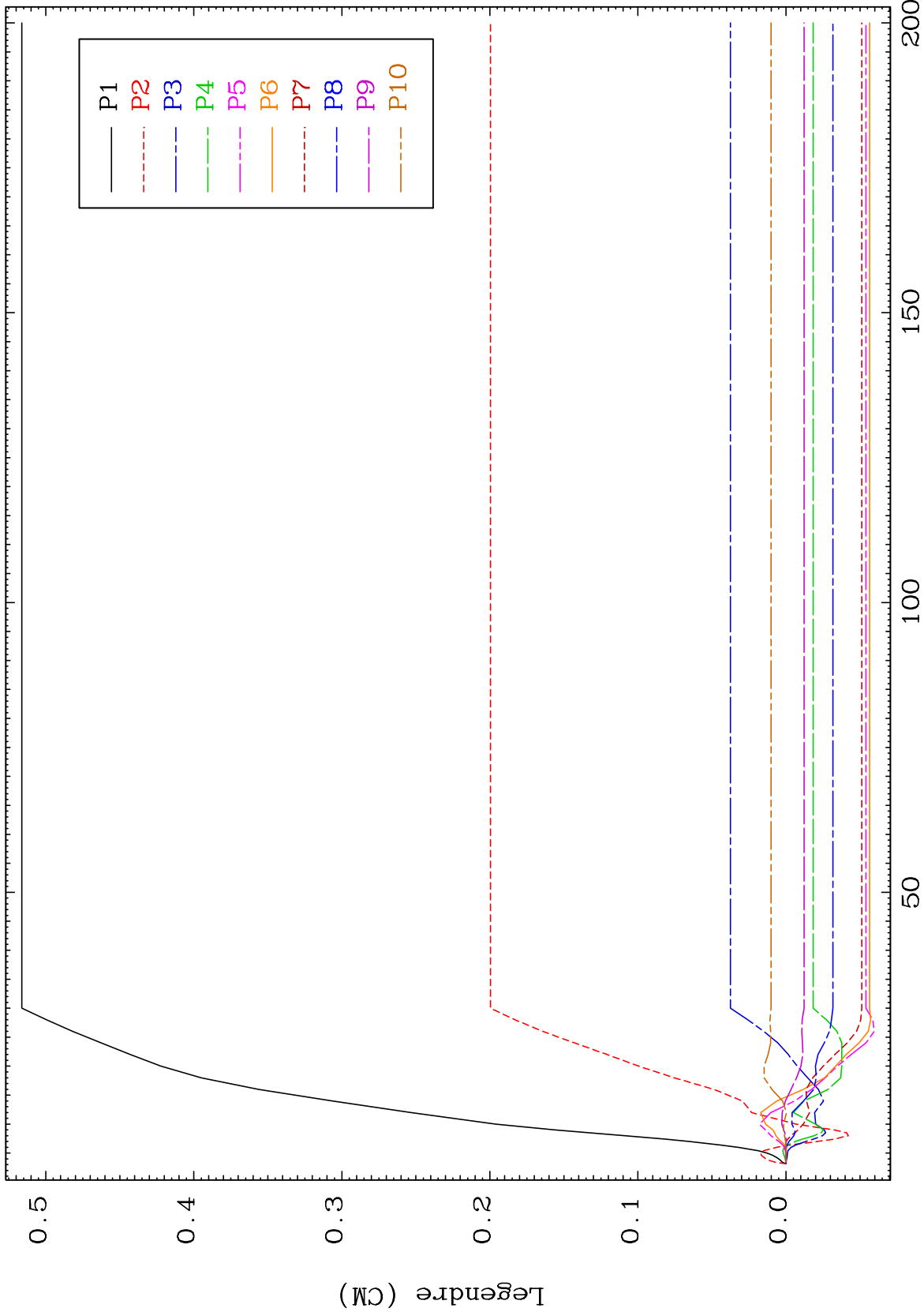


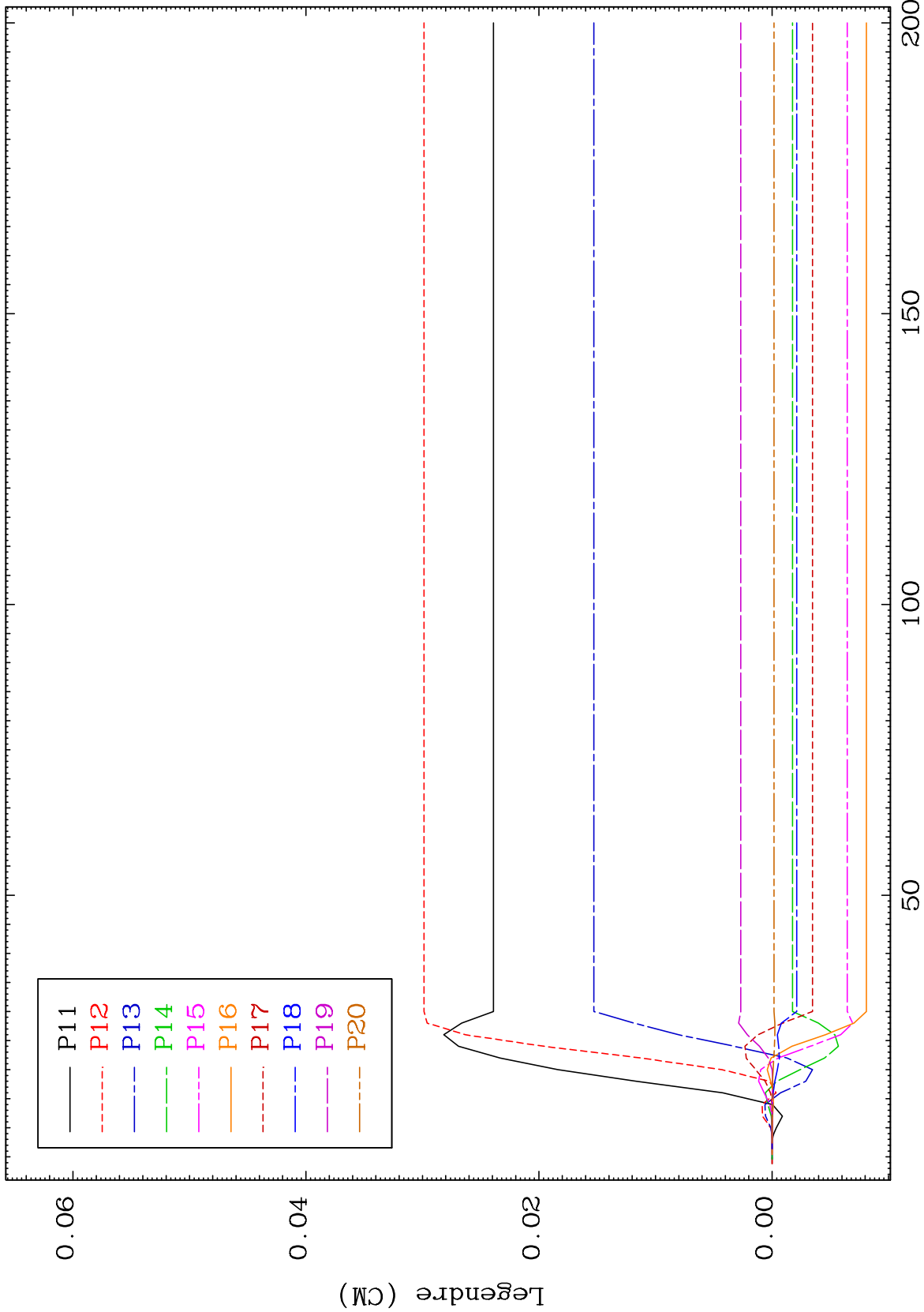


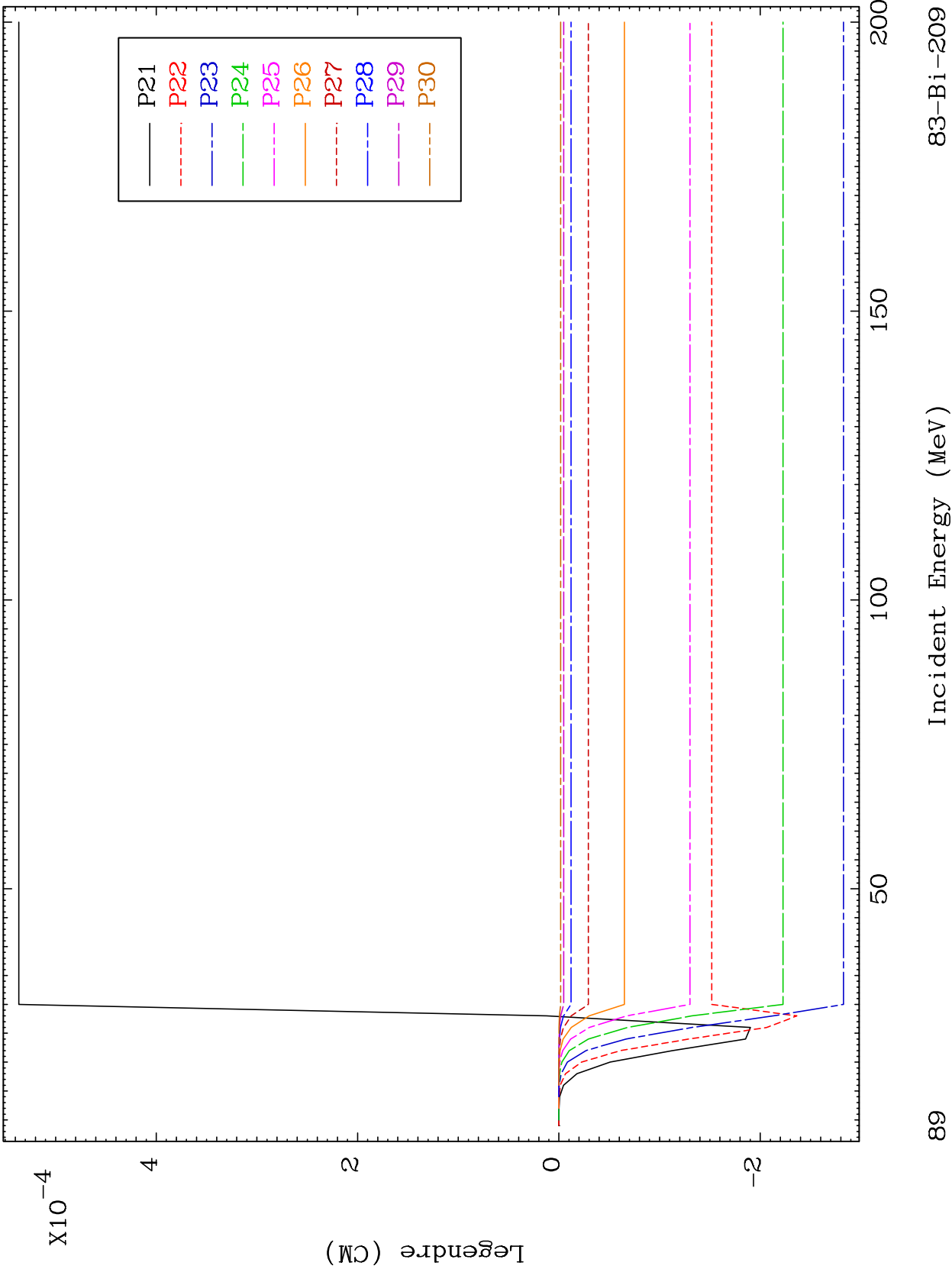


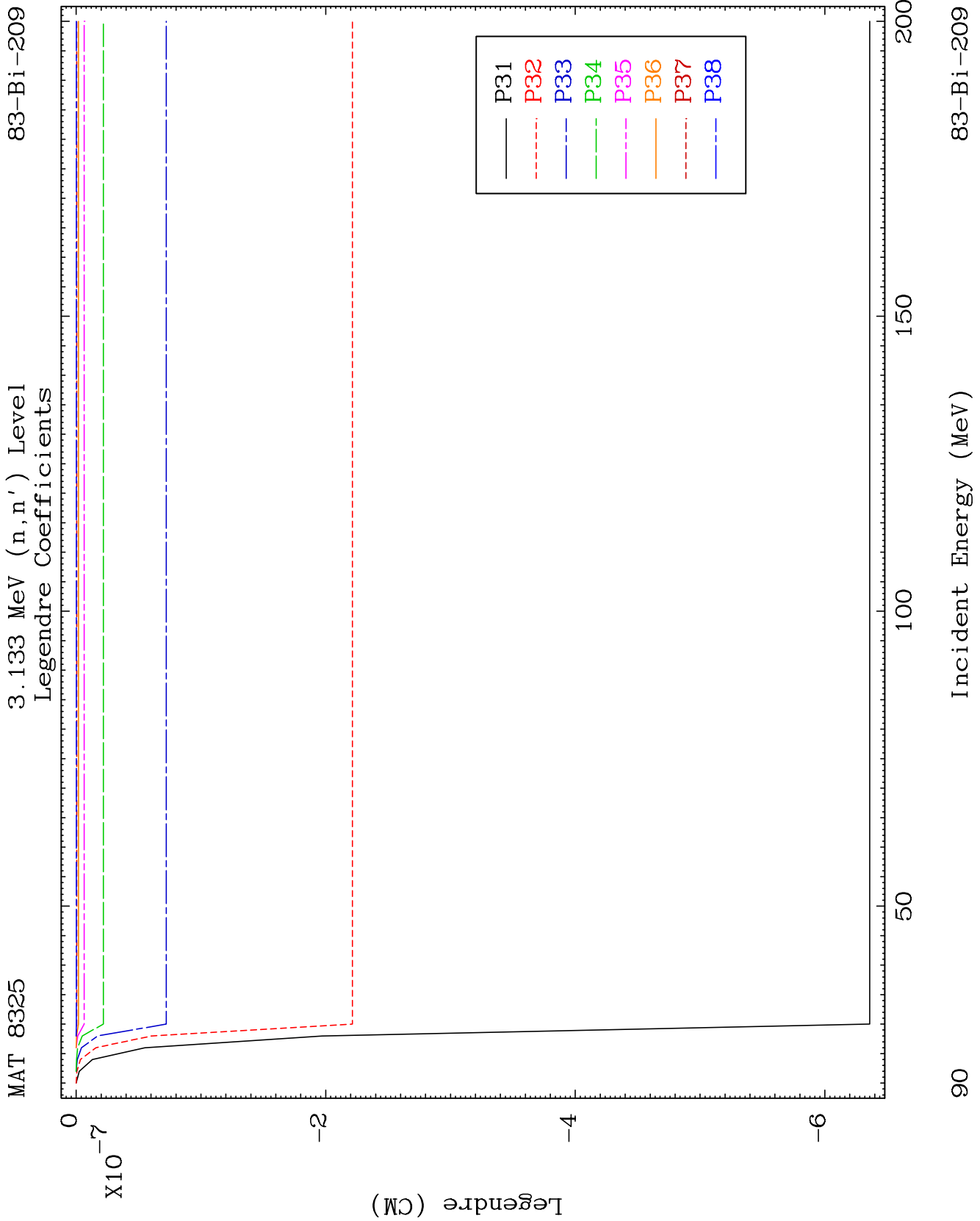


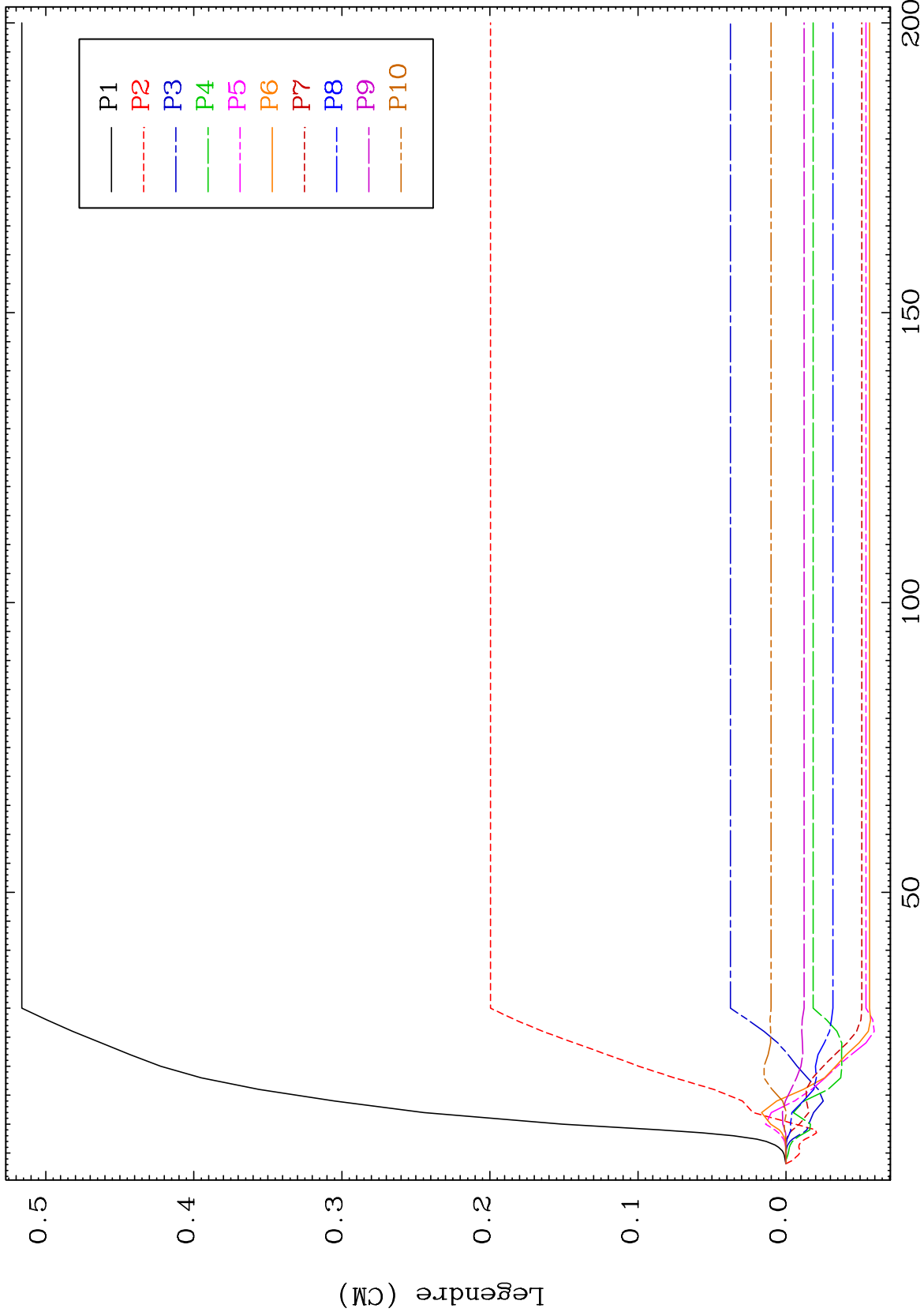


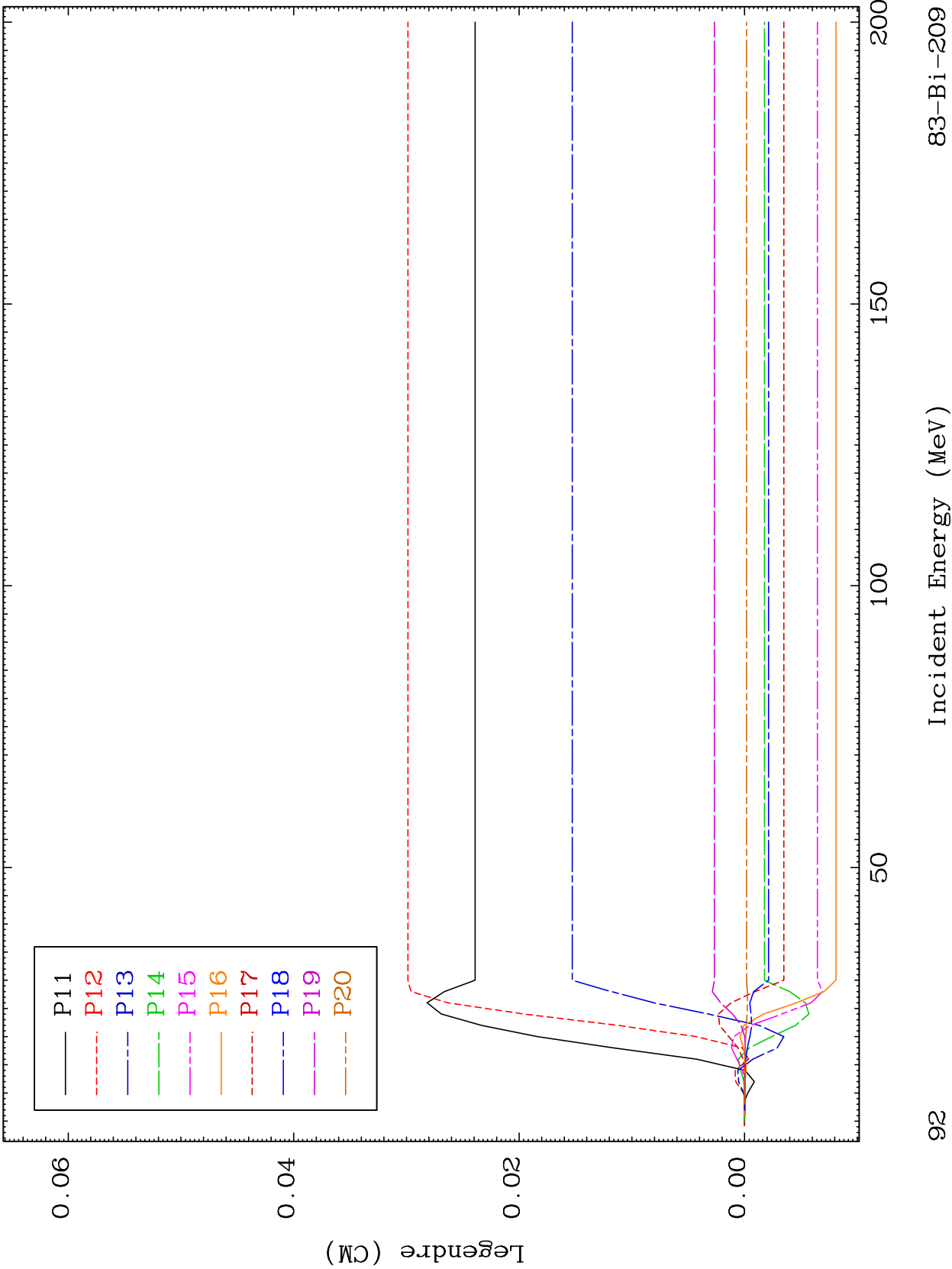








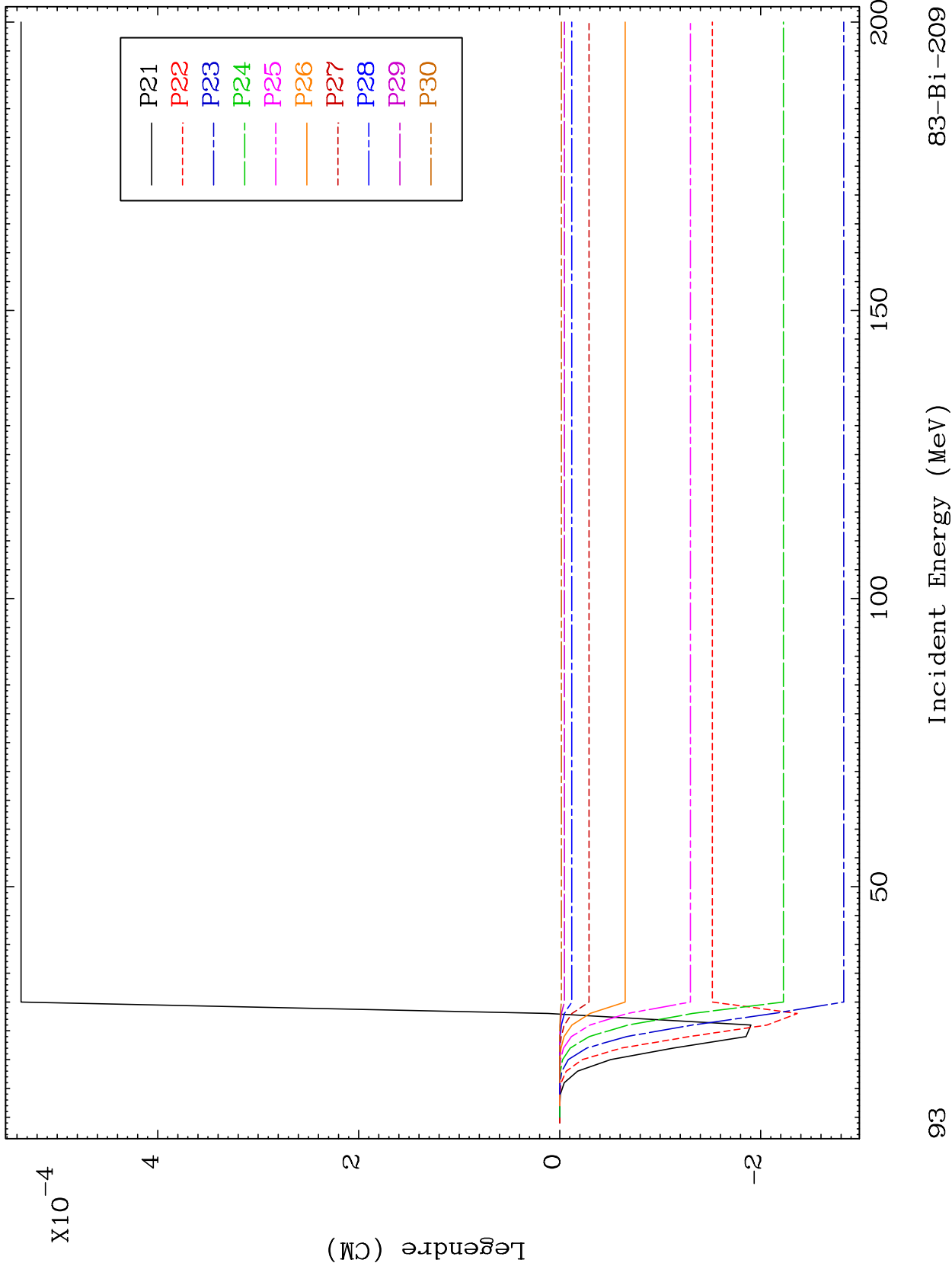


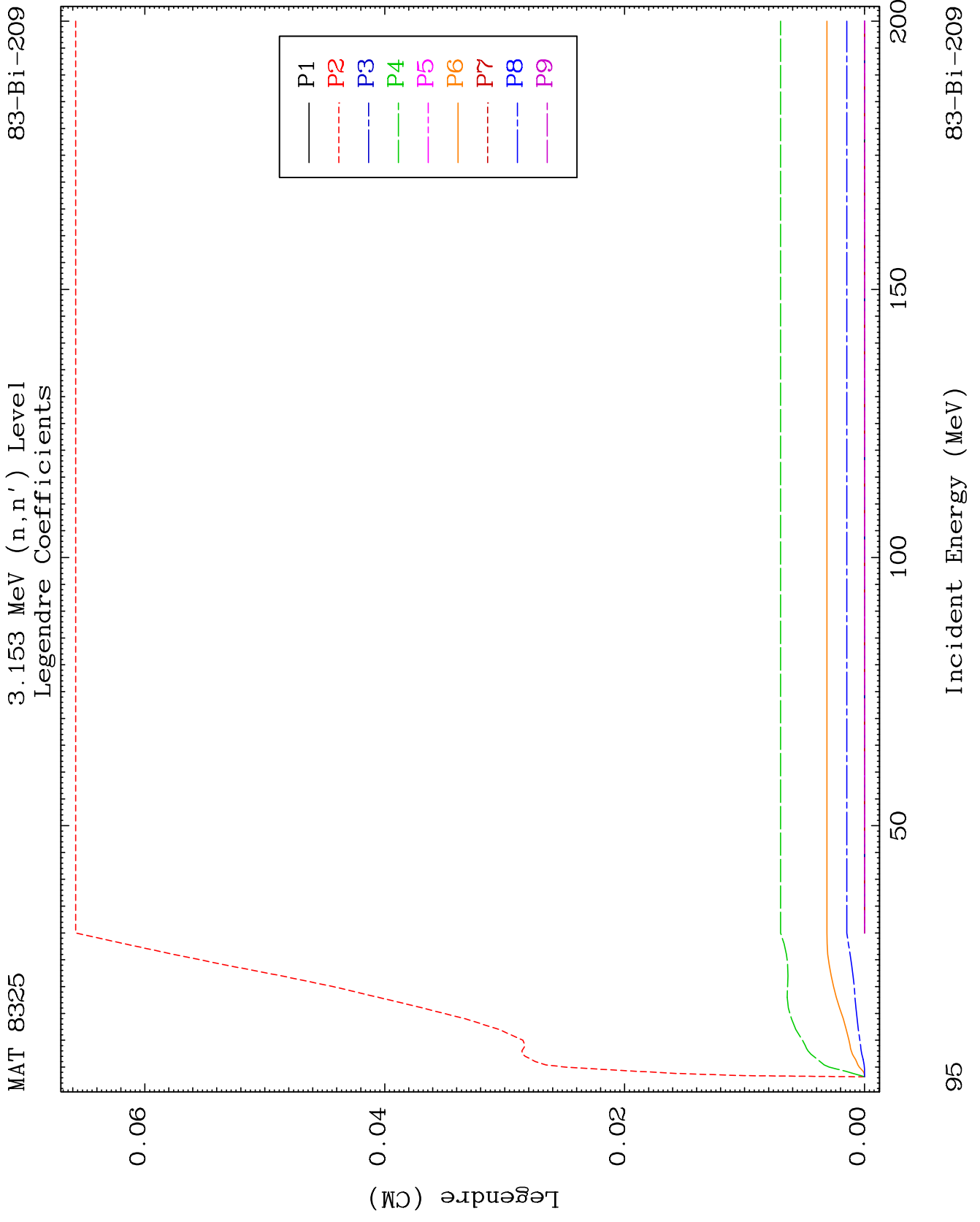


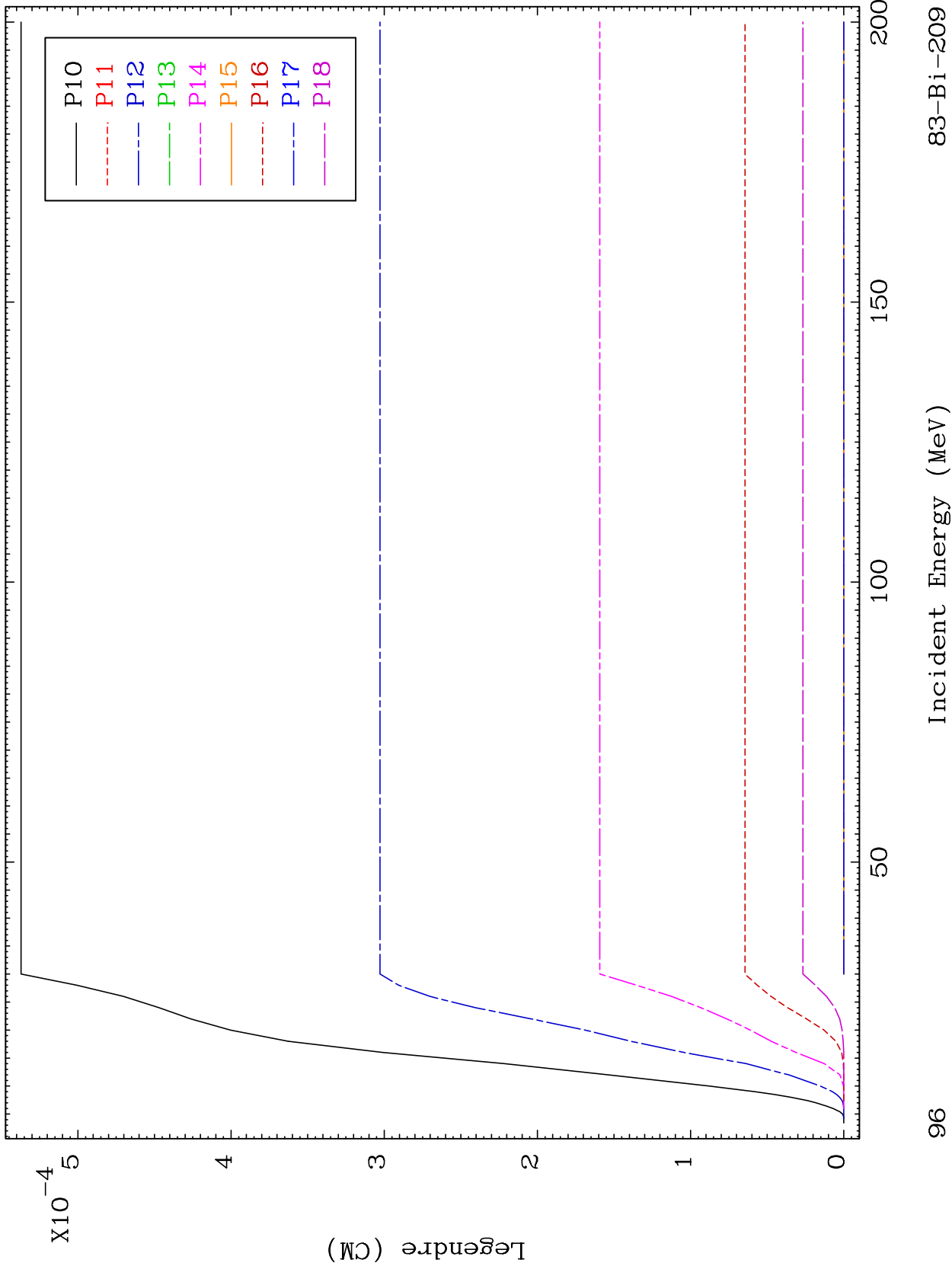
MAT 8325

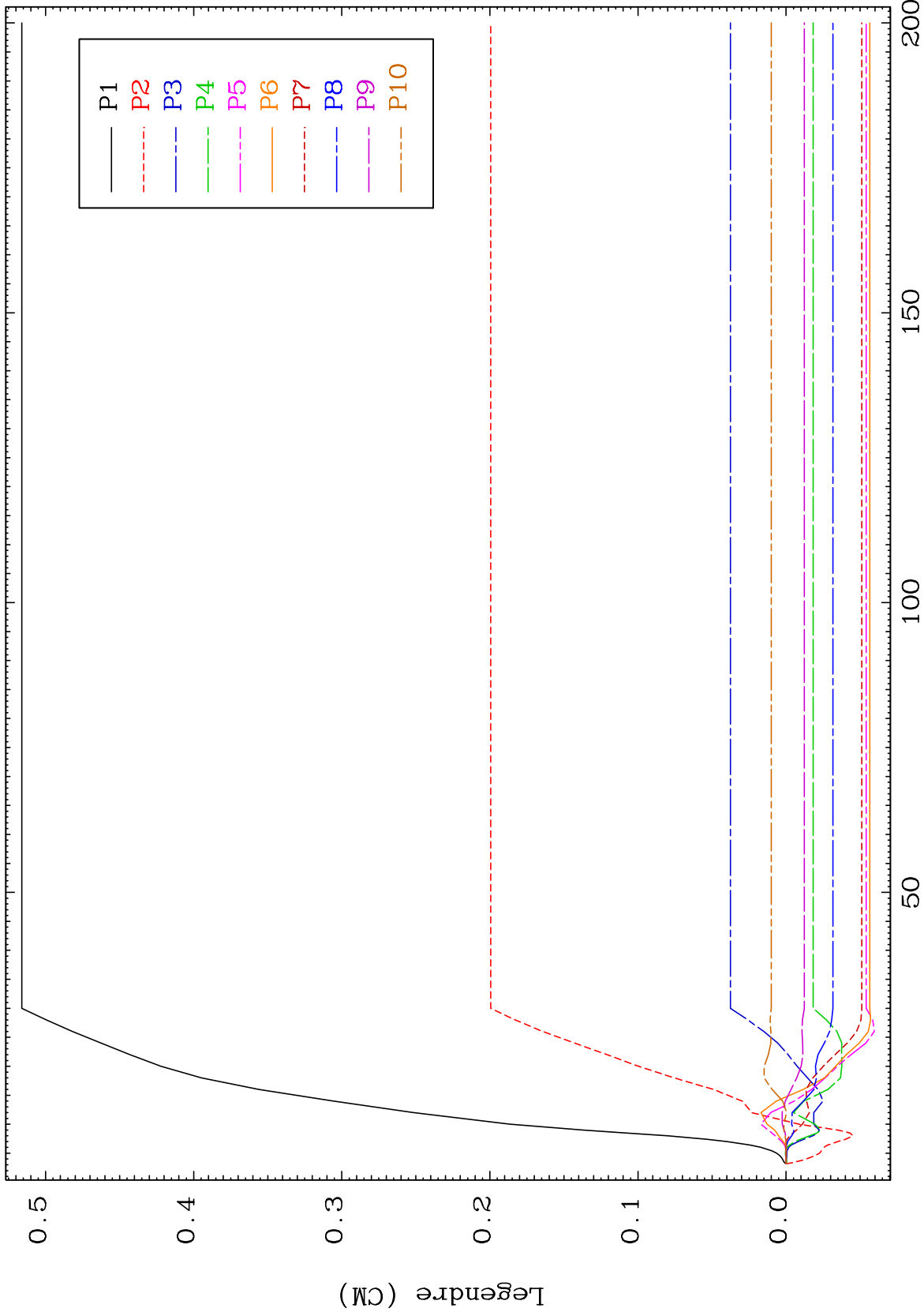
3.136 MeV (n,n') Level
Legendre Coefficients

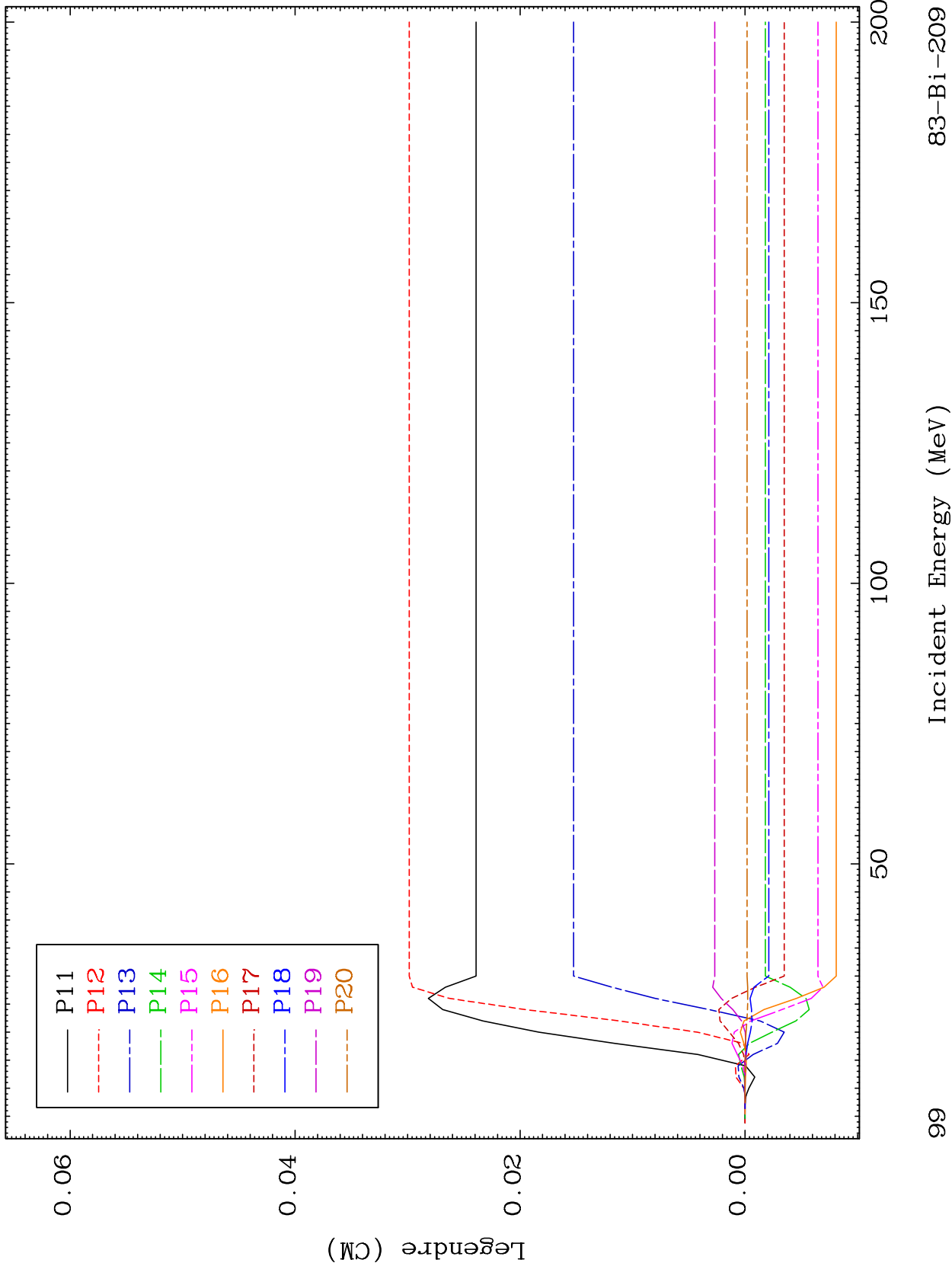
83-Bi-209







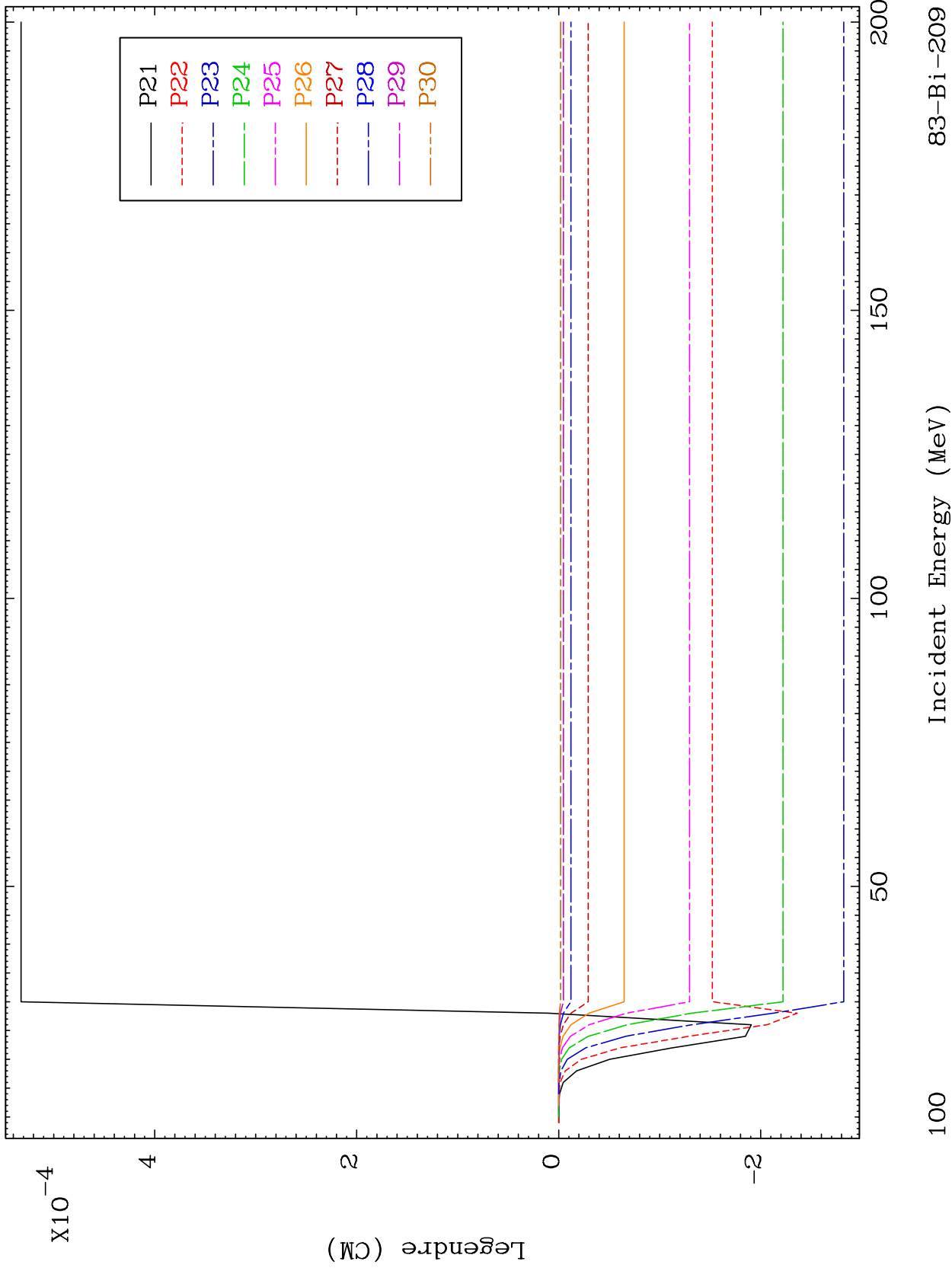


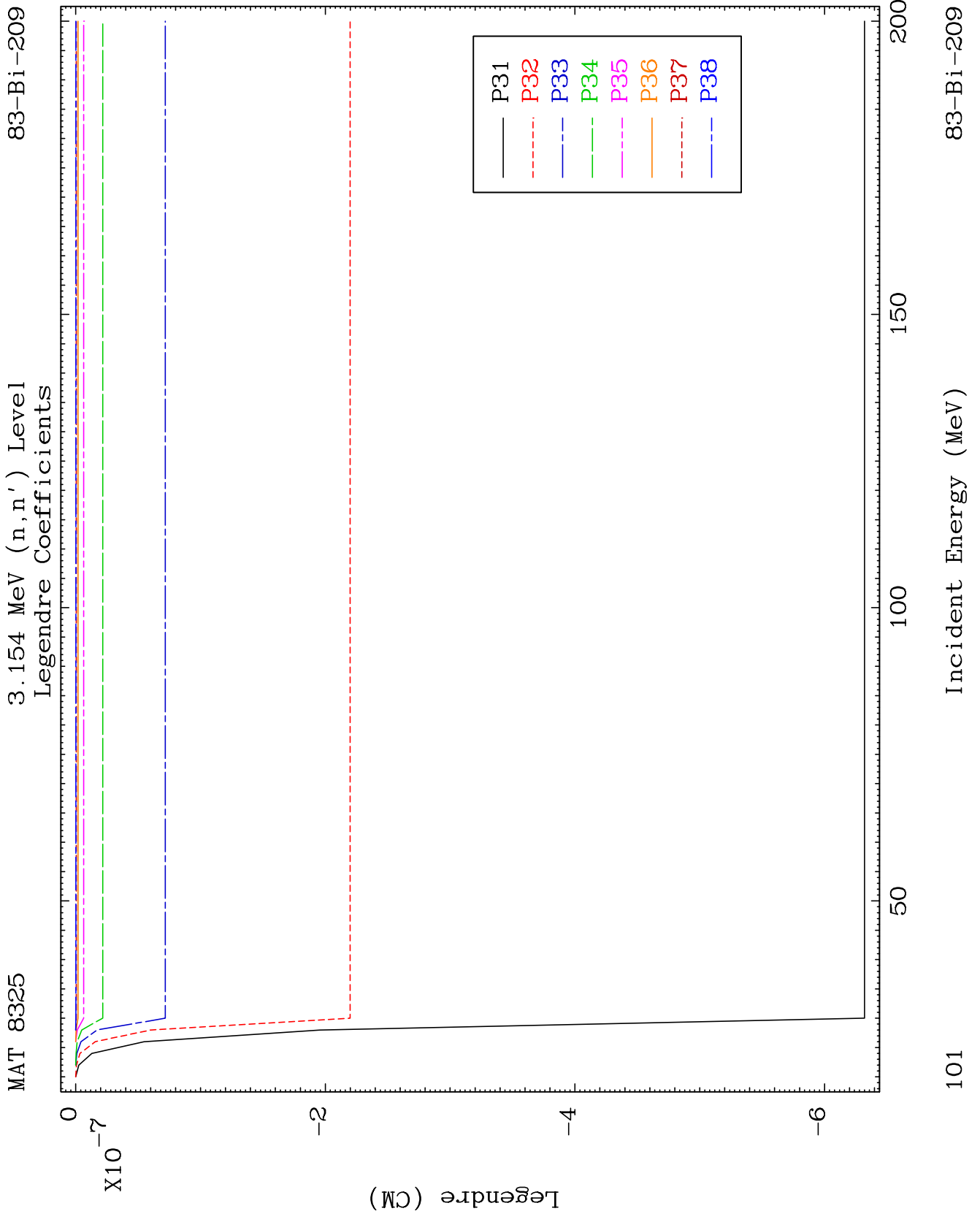


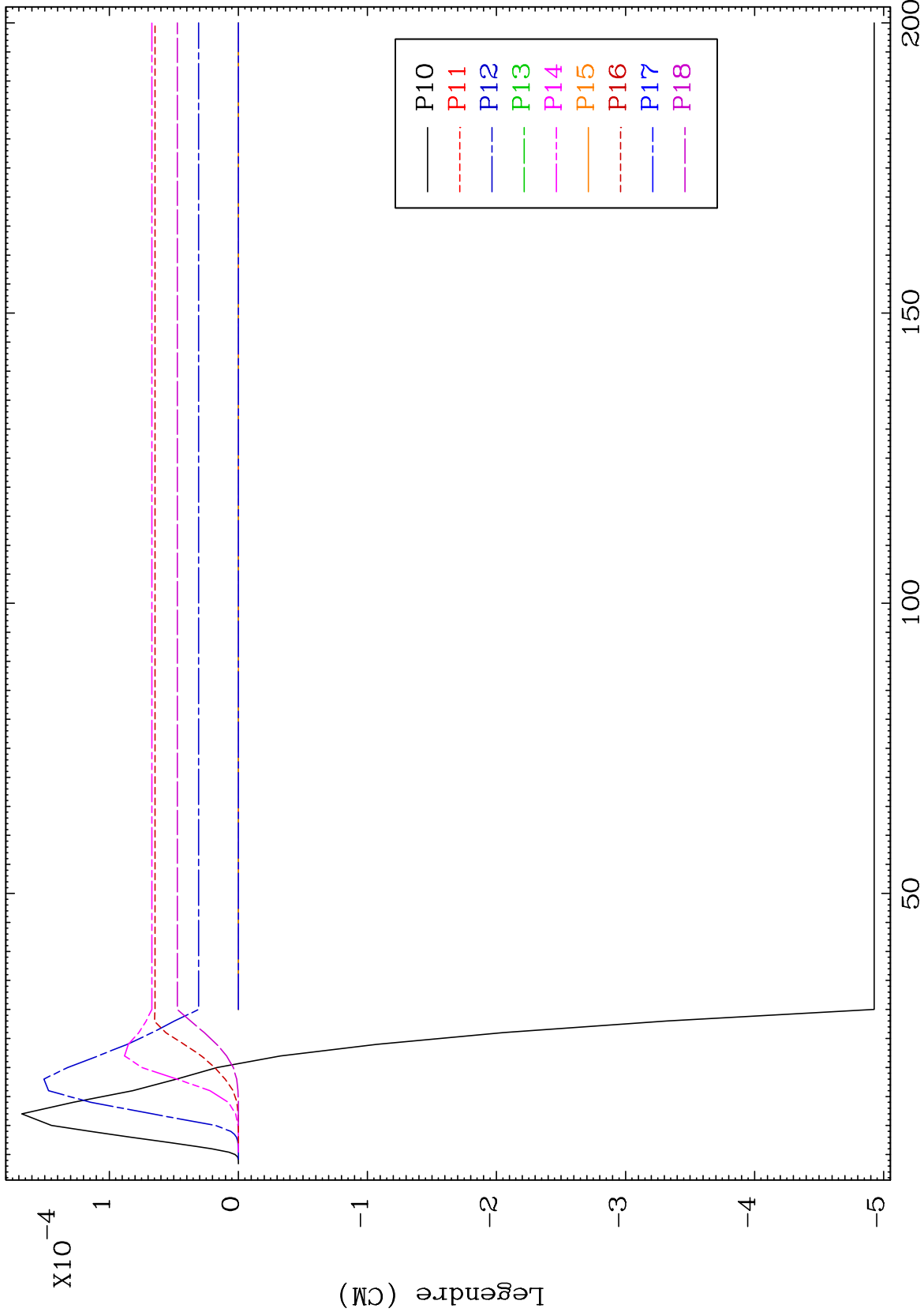
MAT 8325

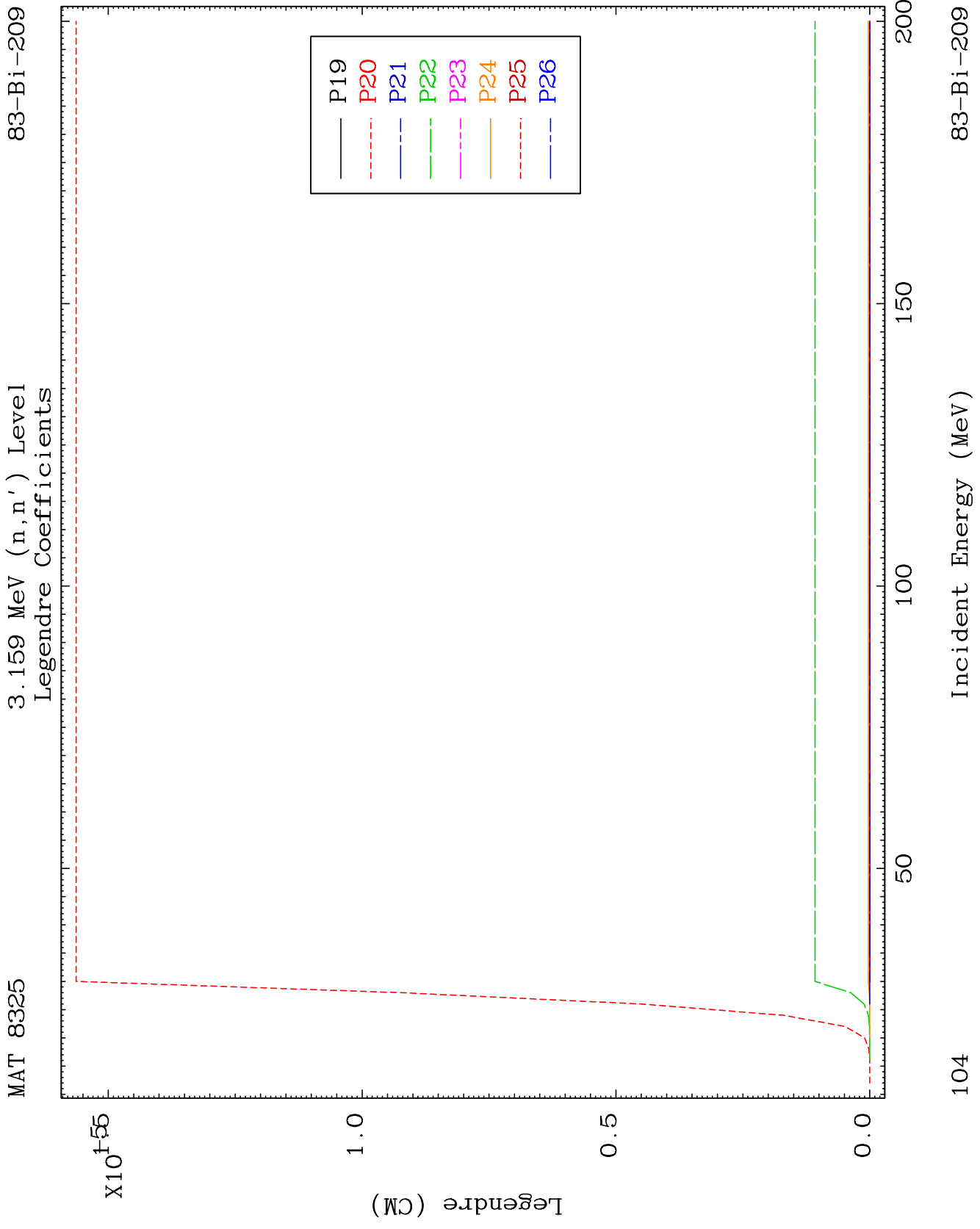
3.154 MeV (n,n') Level
Legendre Coefficients

83-Bi-209





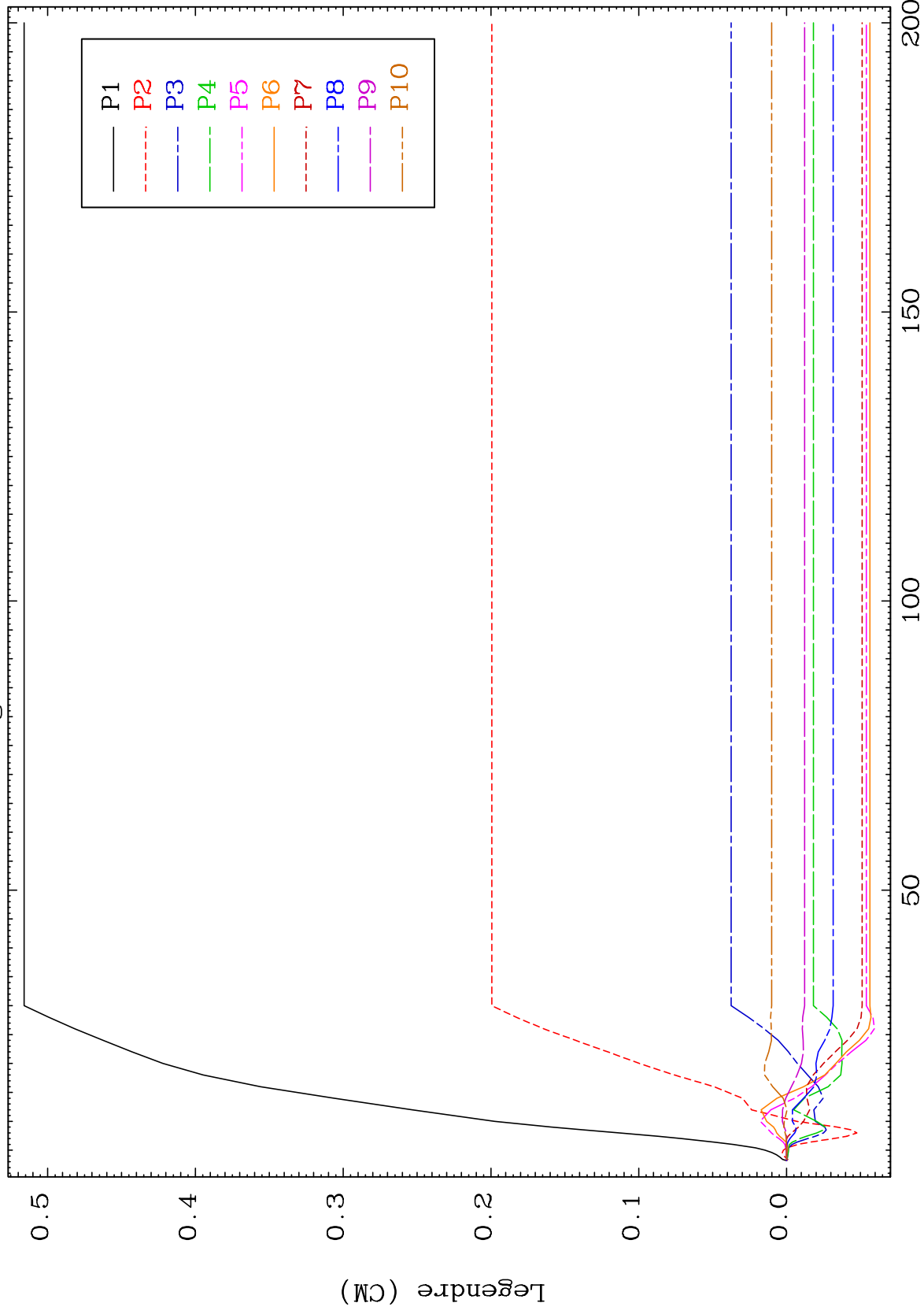




MAT 8325

3.169 MeV (n,n') Level
Legendre Coefficients

83-Bi-209



105

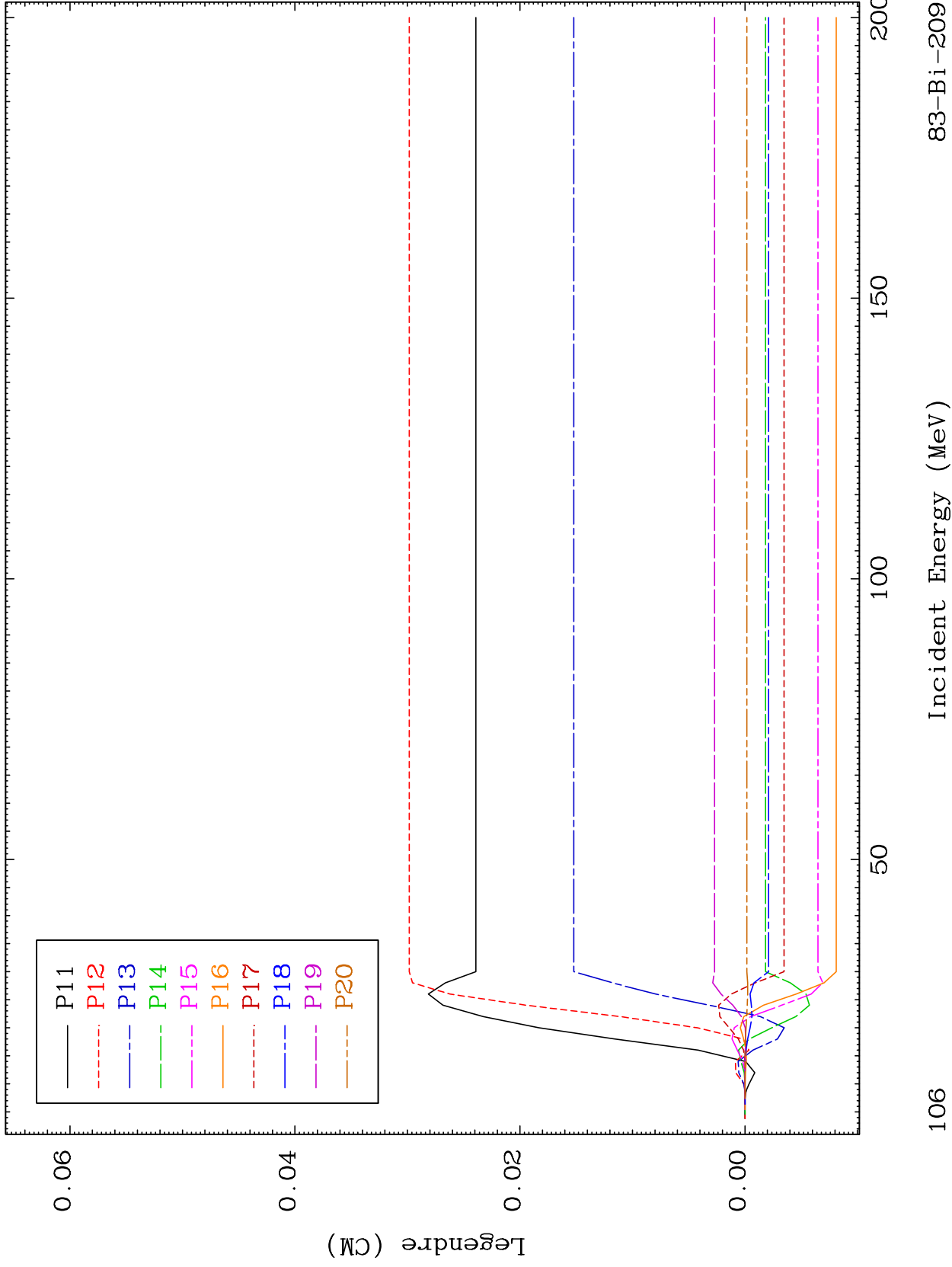
Incident Energy (MeV)

83-Bi-209

MAT 8325

3.169 MeV (n,n') Level
Legendre Coefficients

83-Bi-209



106

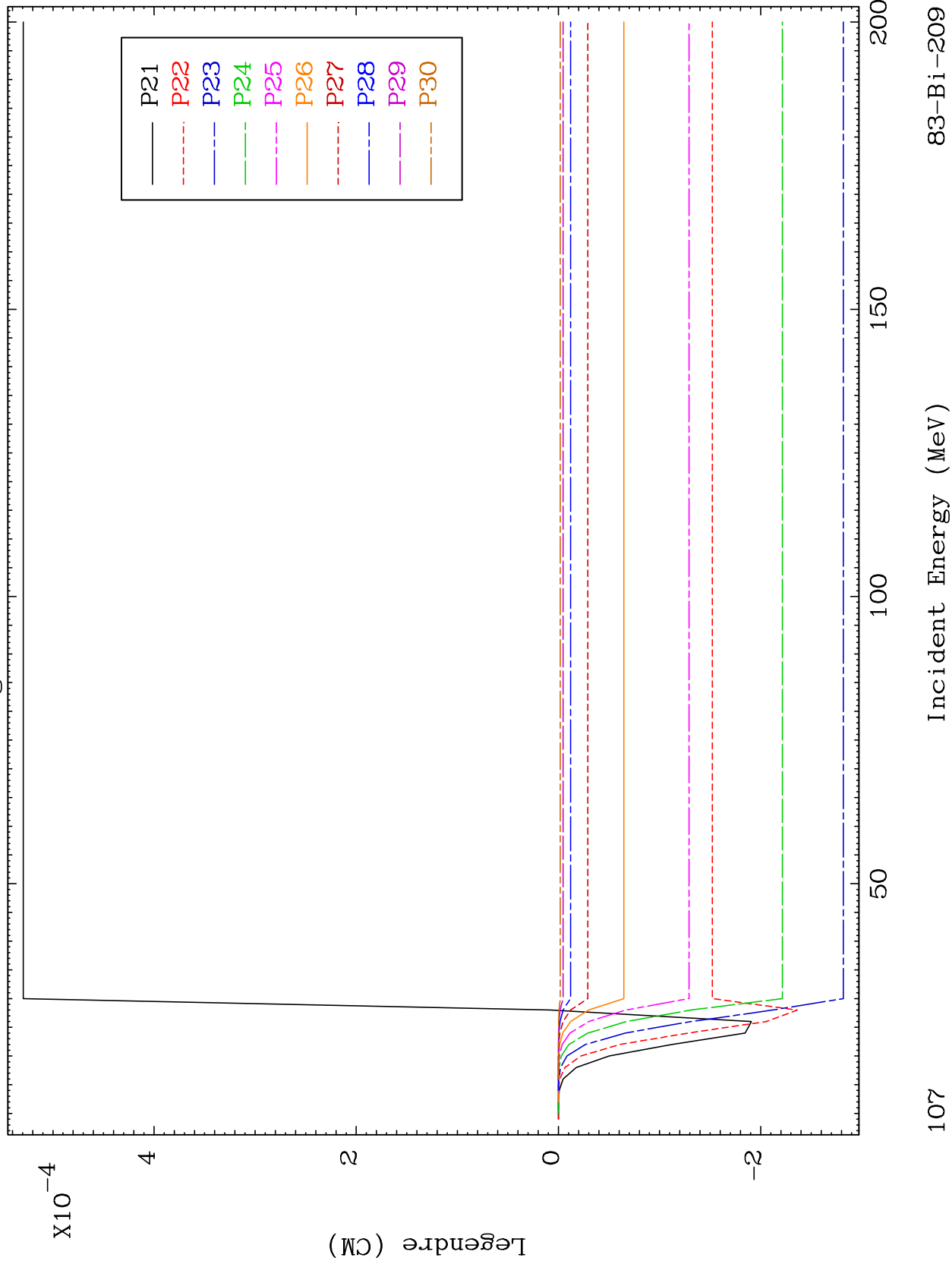
Incident Energy (MeV)

83-Bi-209

MAT 8325

3.169 MeV (n,n') Level
Legendre Coefficients

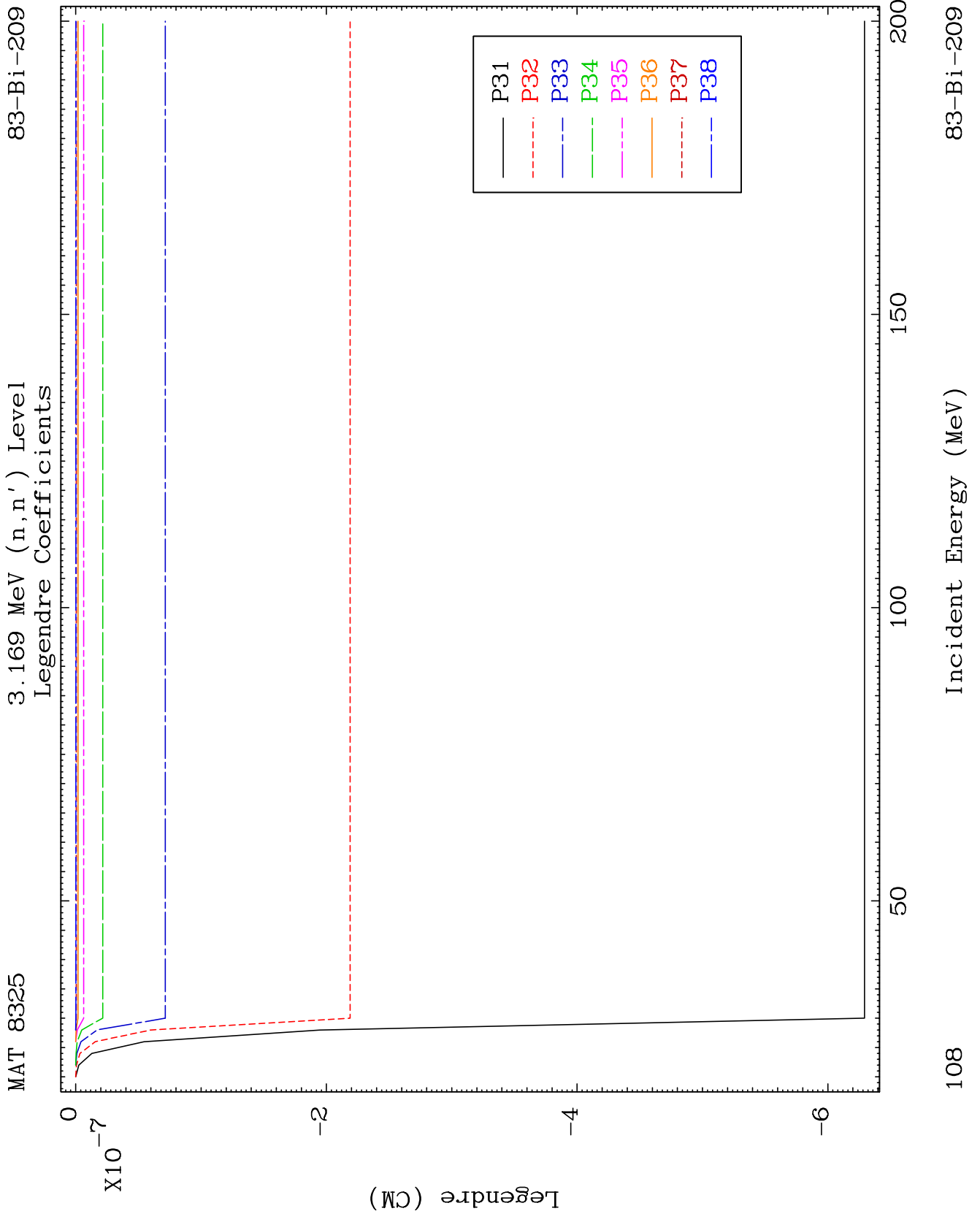
83-Bi-209

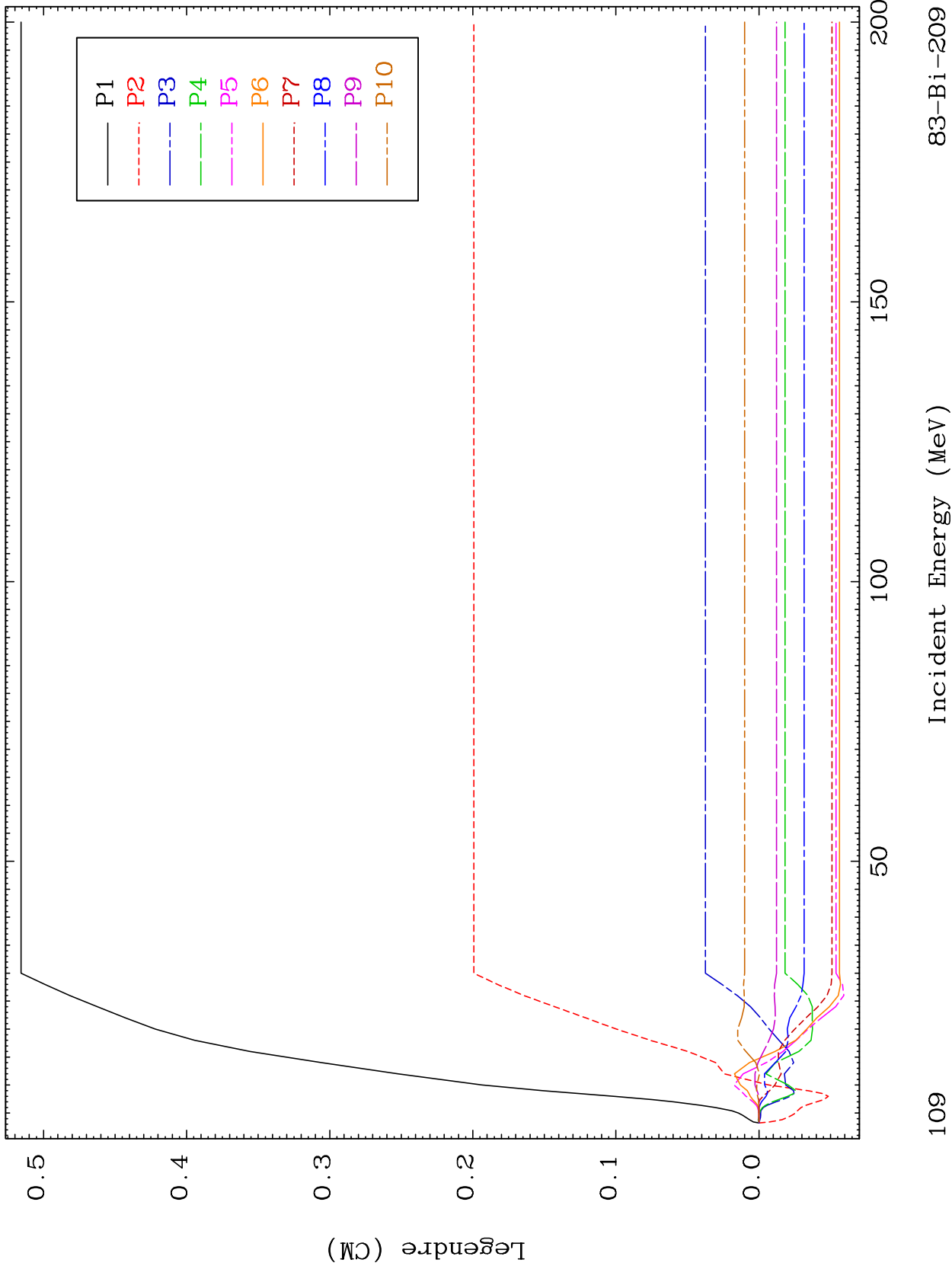


107

Incident Energy (MeV)

83-Bi-209

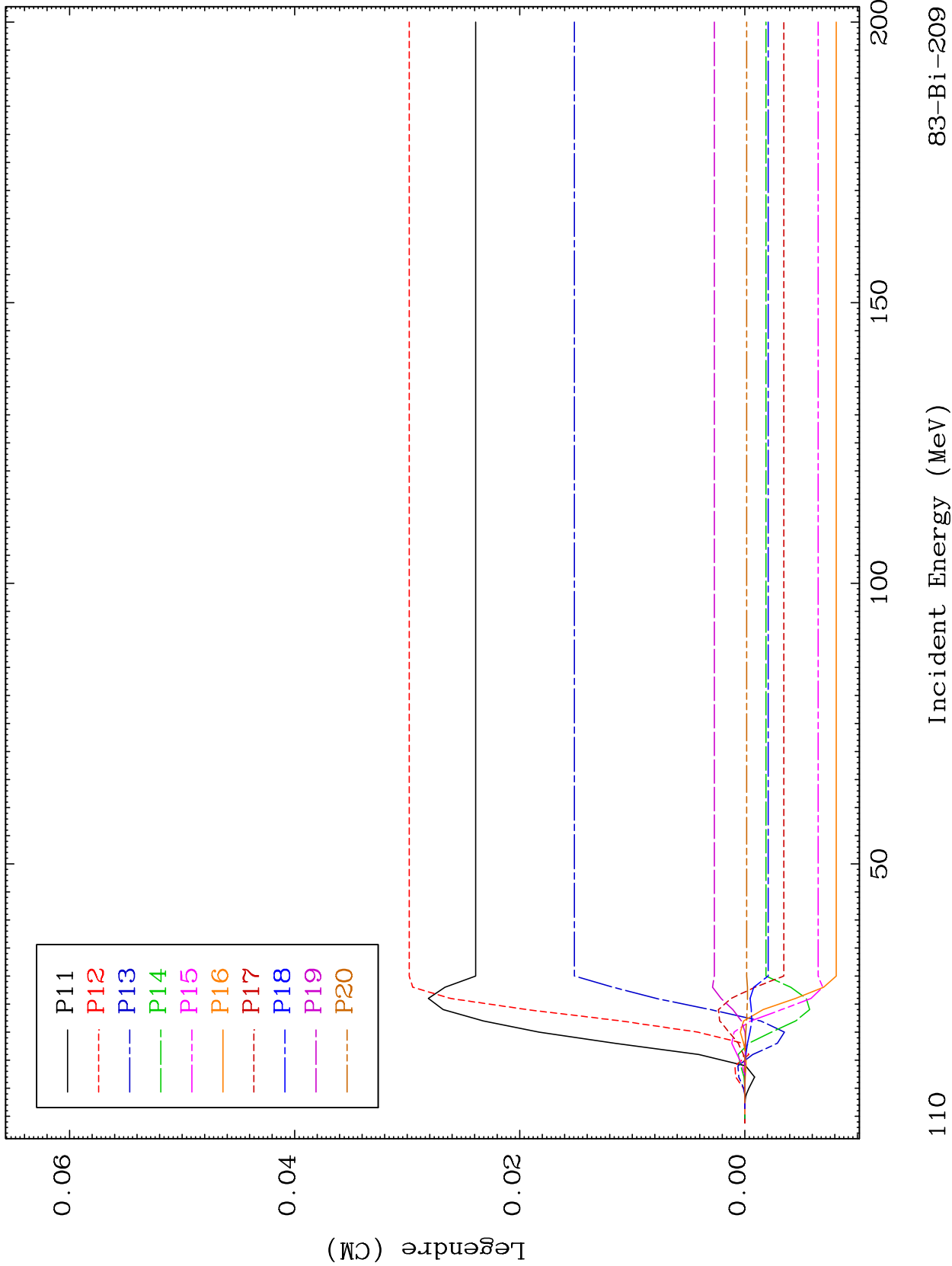




MAT 8325

3.197 MeV (n,n') Level
Legendre Coefficients

83-Bi-209



110

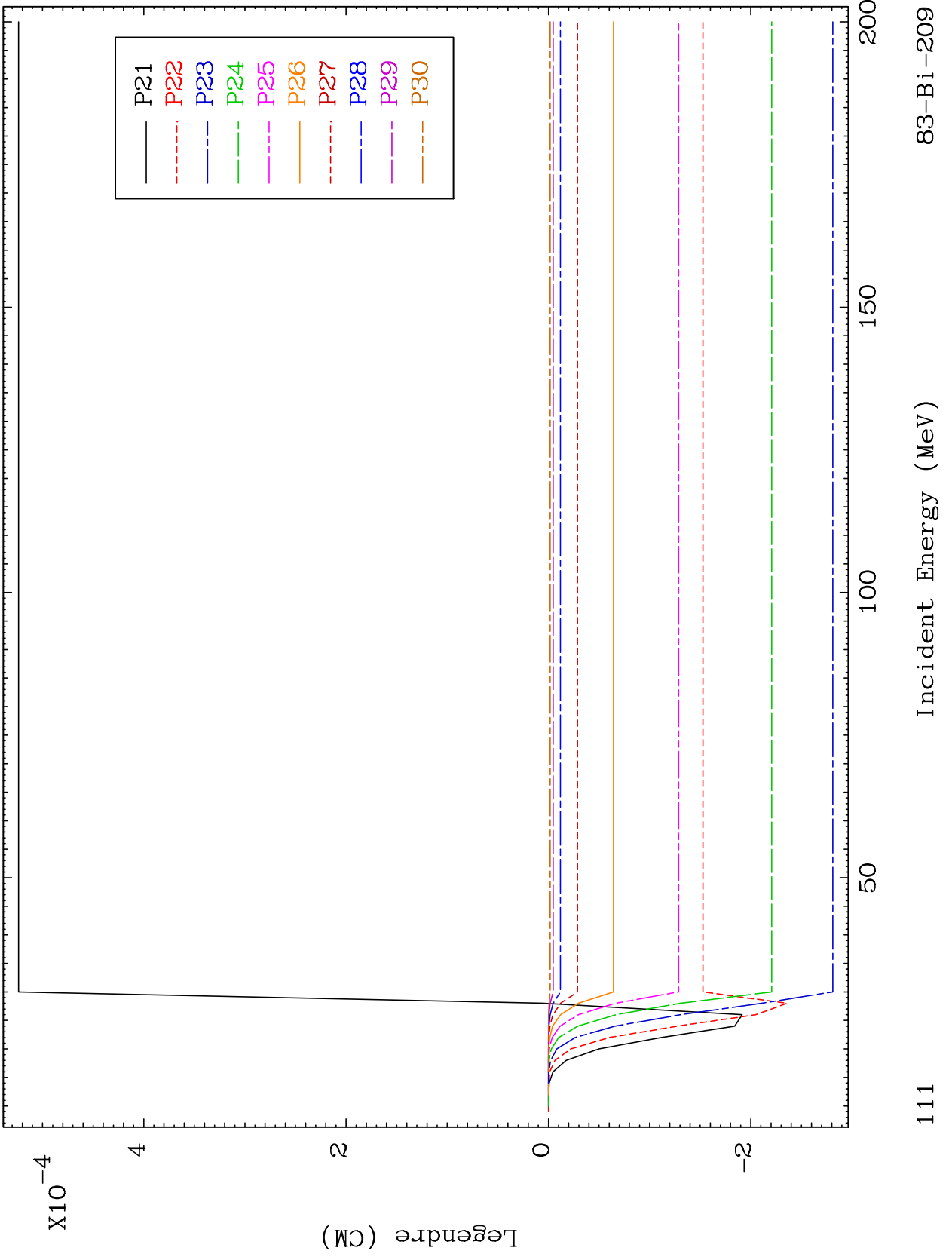
Incident Energy (MeV)

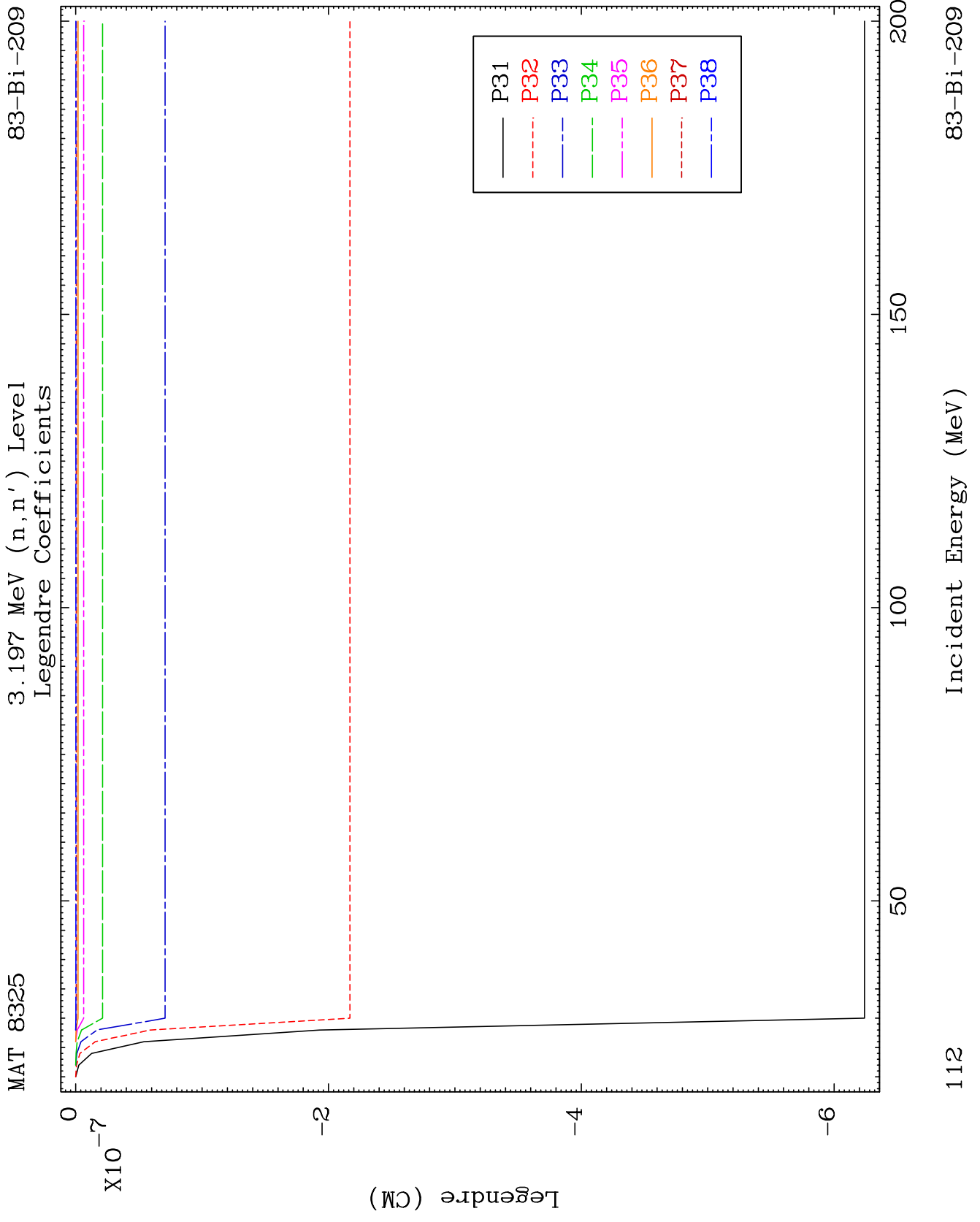
83-Bi-209

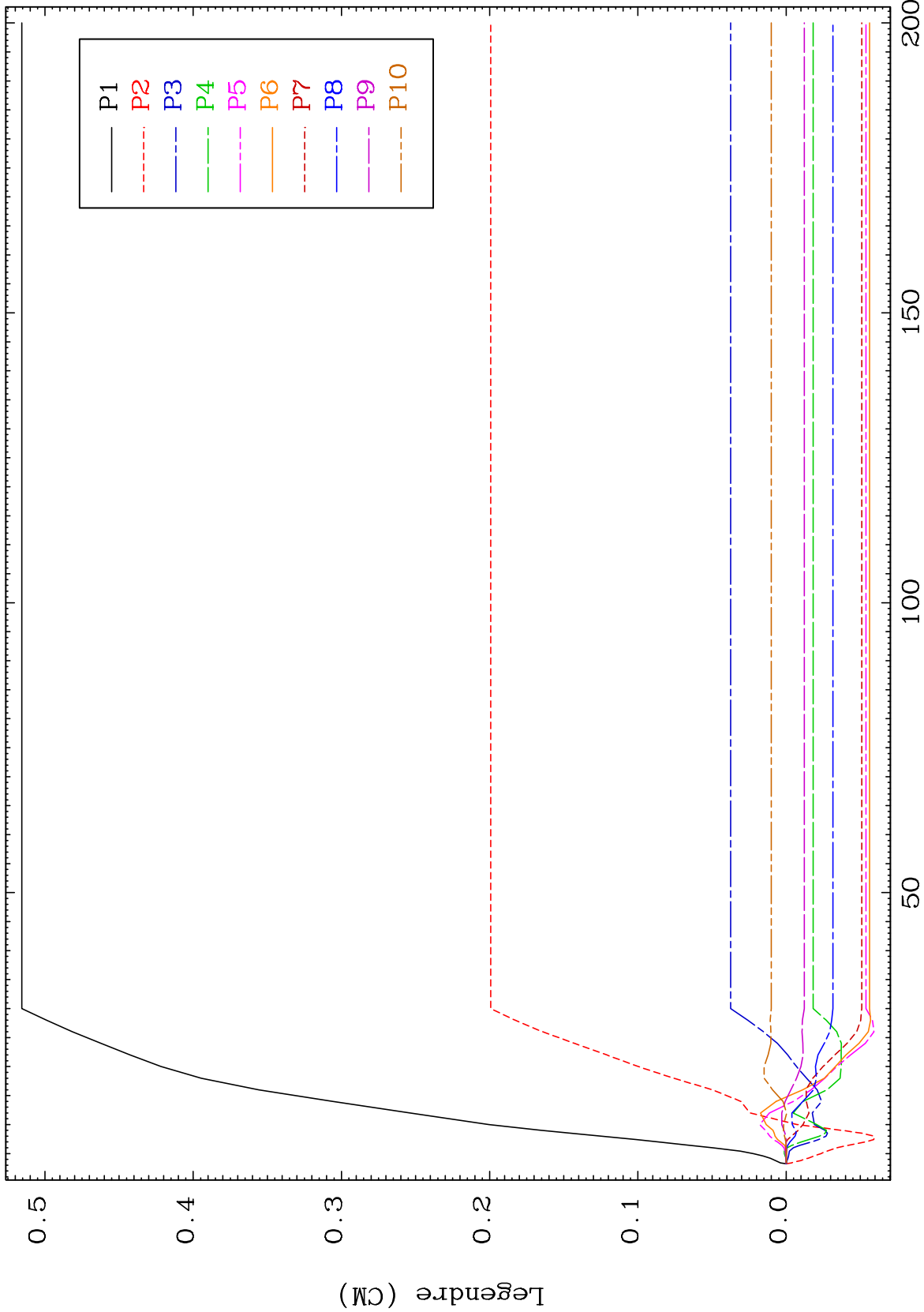
MAT 8325

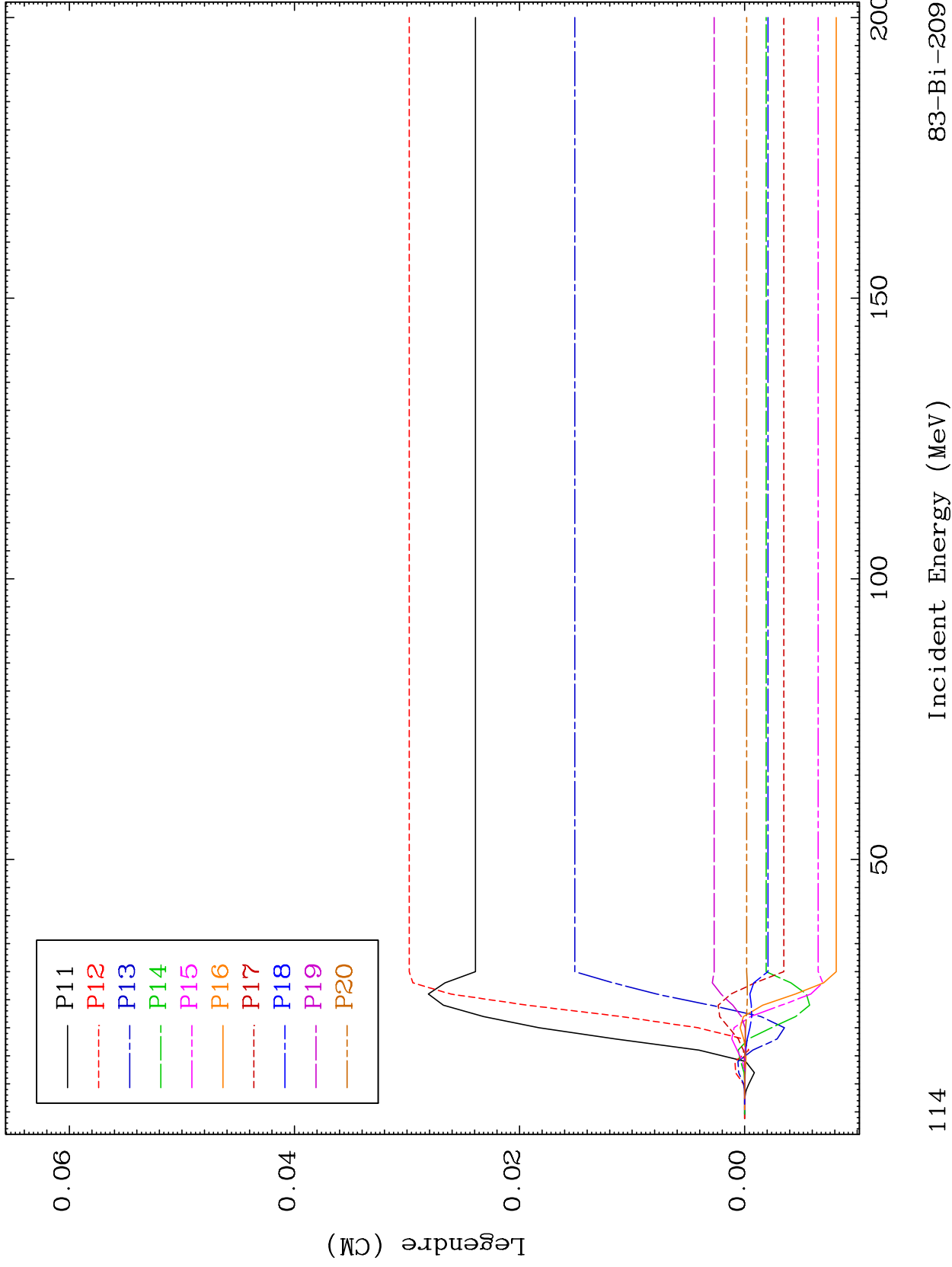
3.197 MeV (n,n') Level
Legendre Coefficients

83-Bi-209





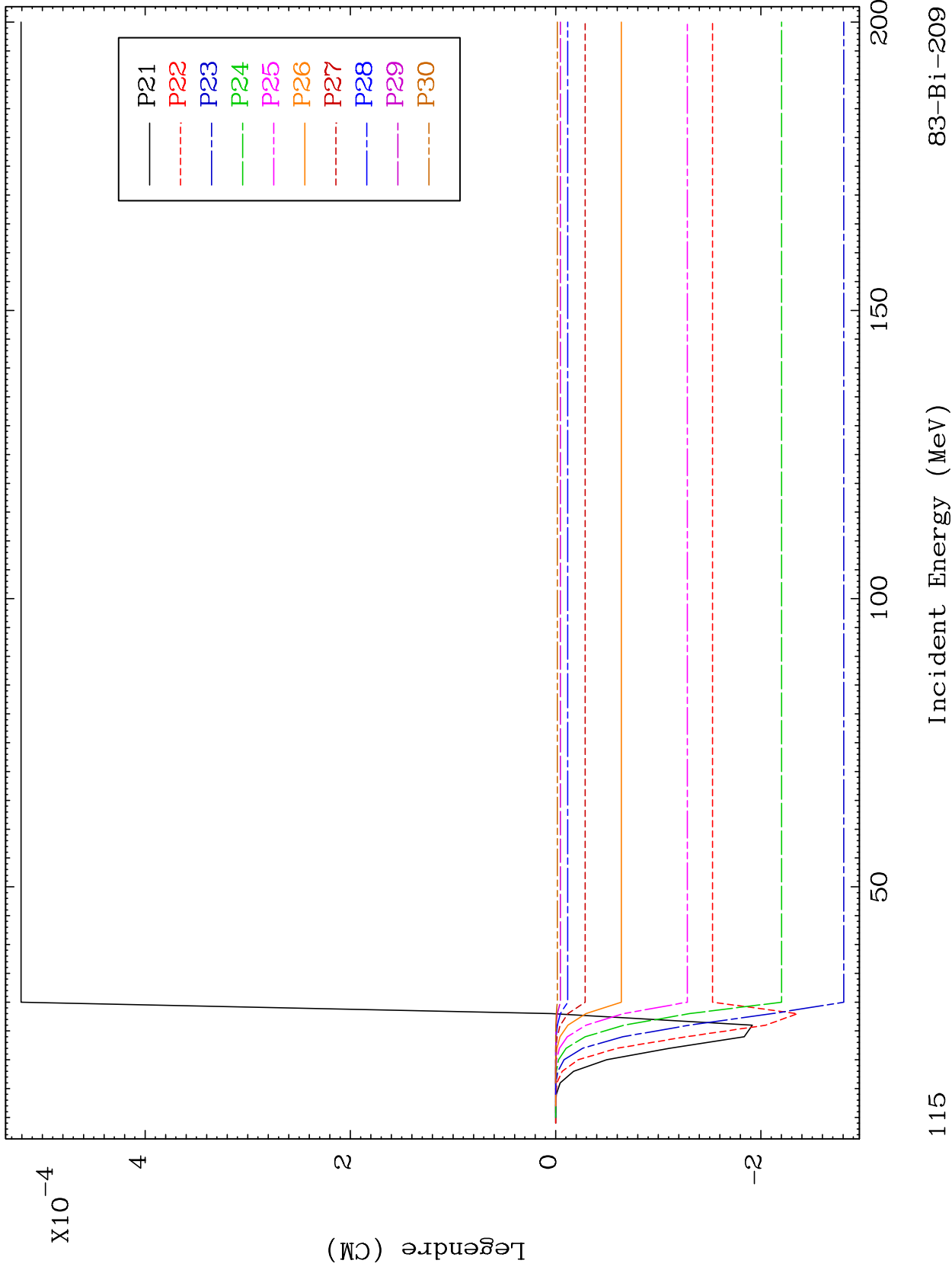




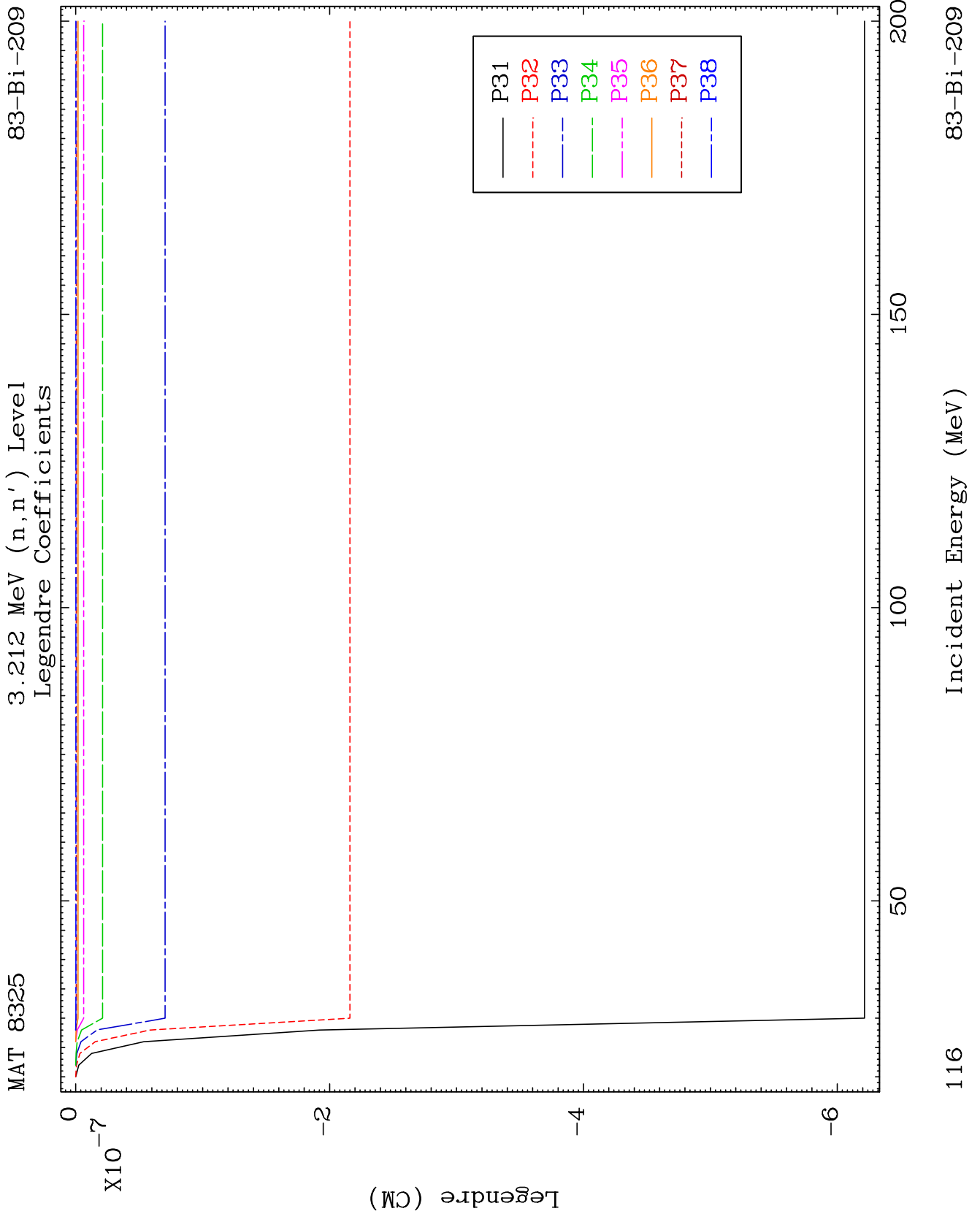
MAT 8325

3.212 MeV (n,n') Level
Legendre Coefficients

83-Bi-209



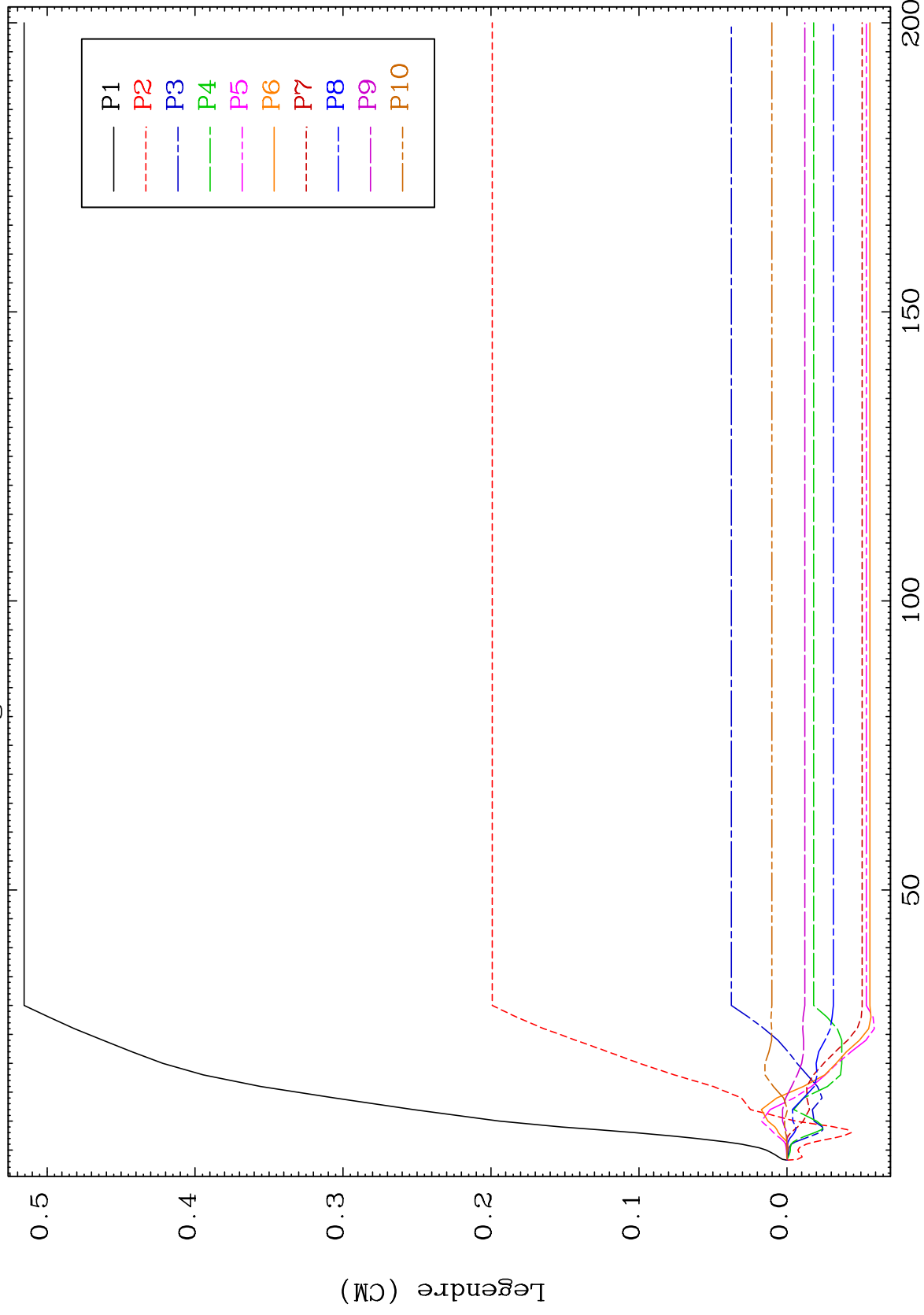
83-Bi-209



MAT 8325

3.222 MeV (n,n') Level
Legendre Coefficients

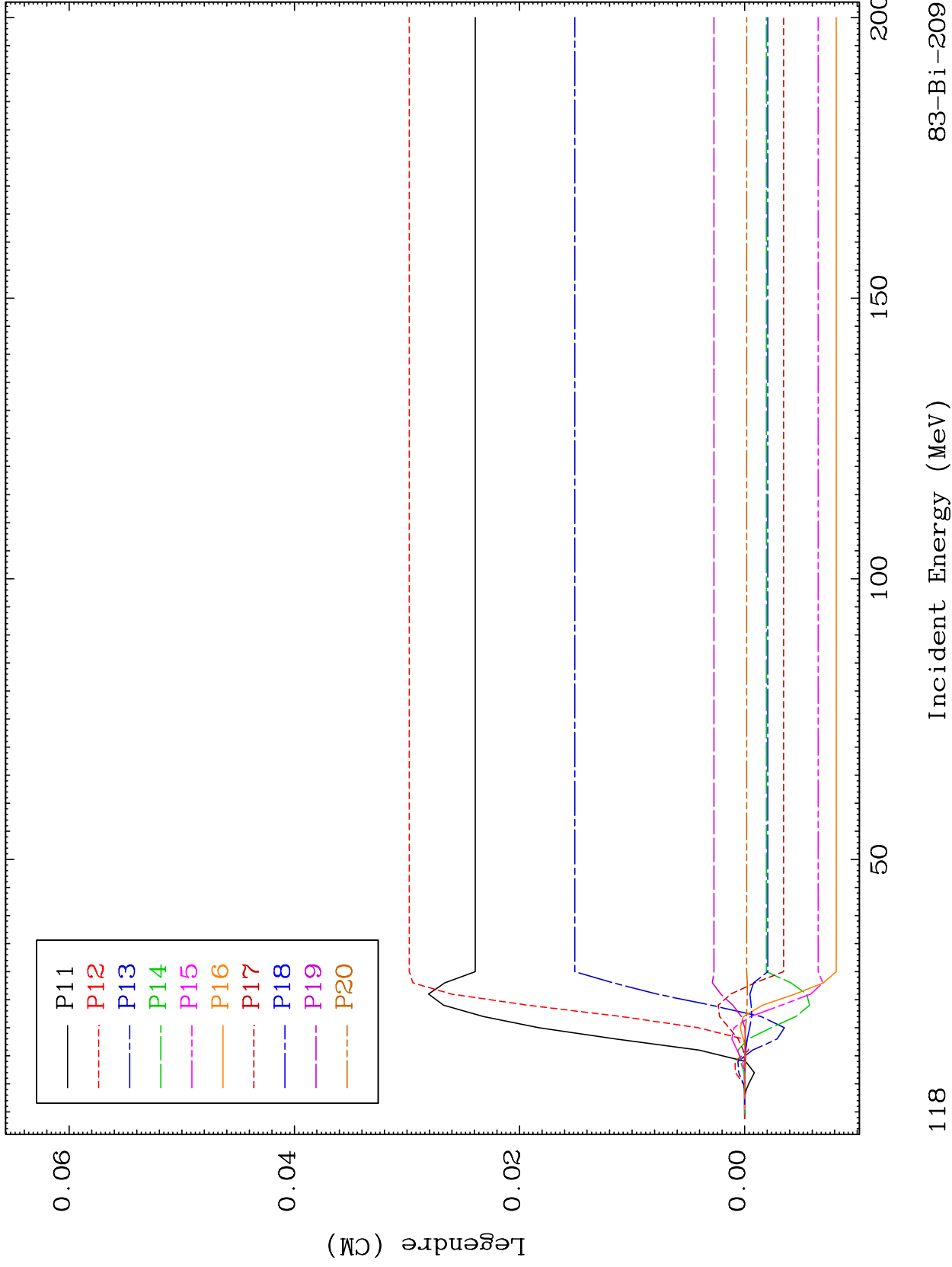
83-Bi-209

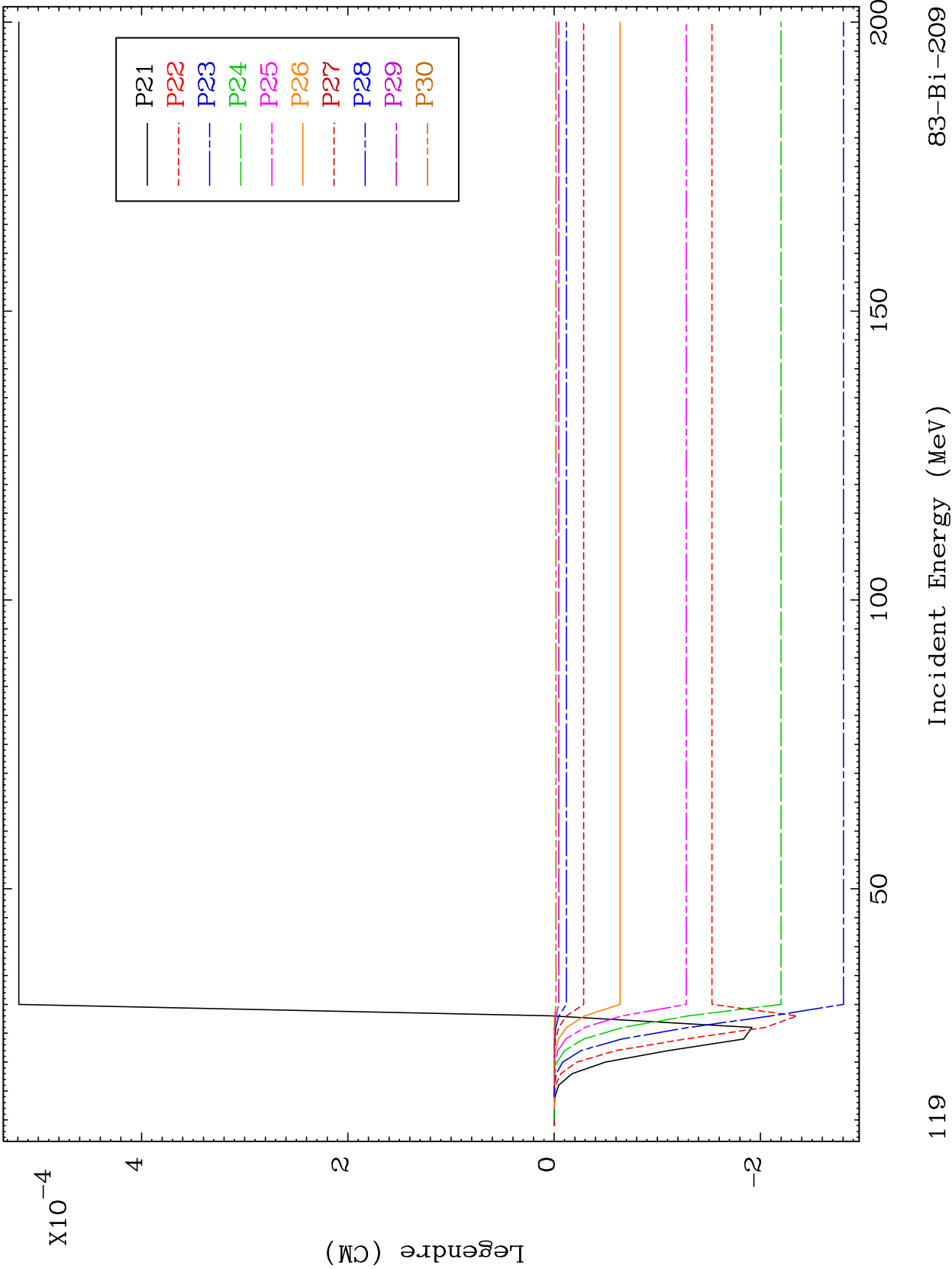


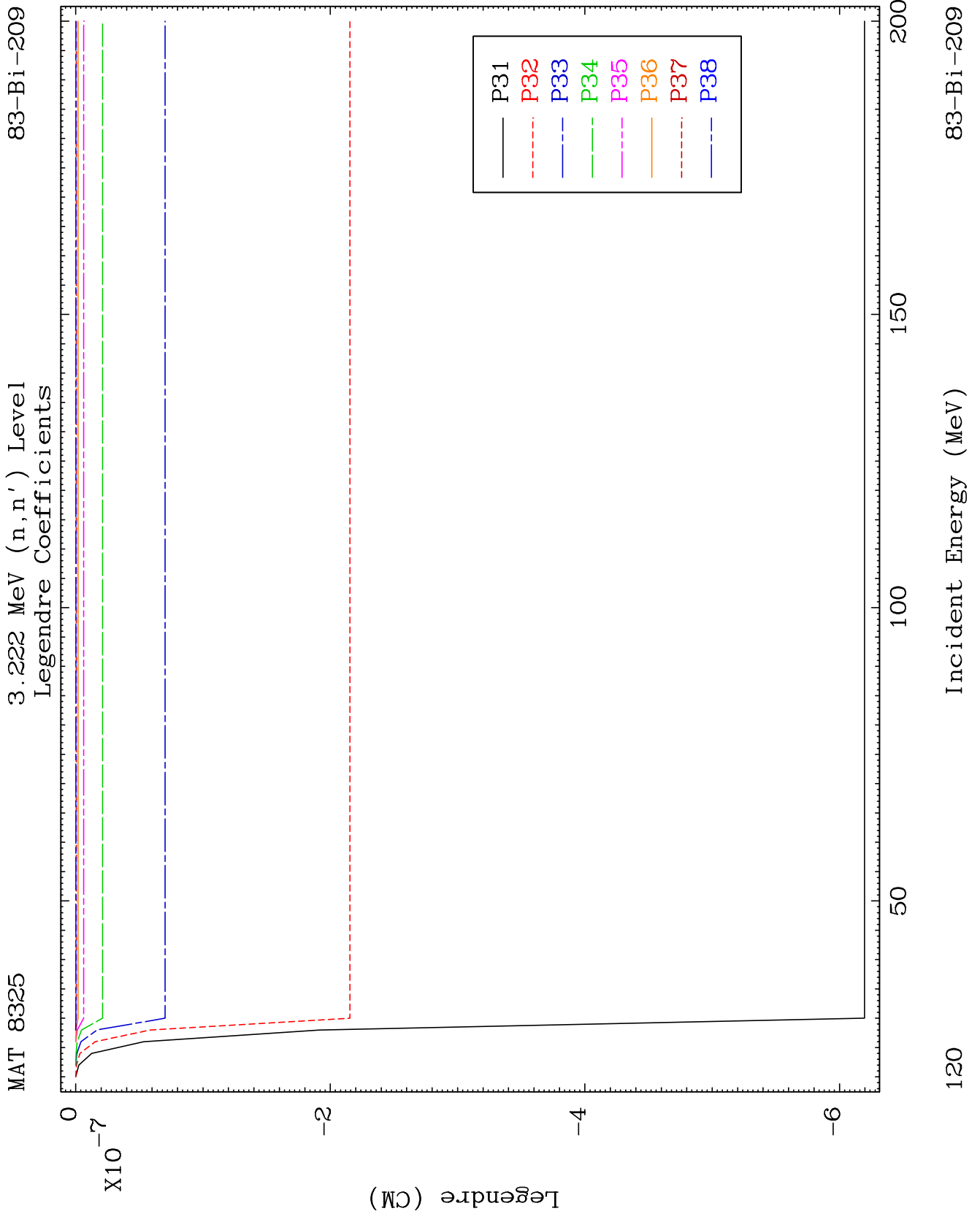
117

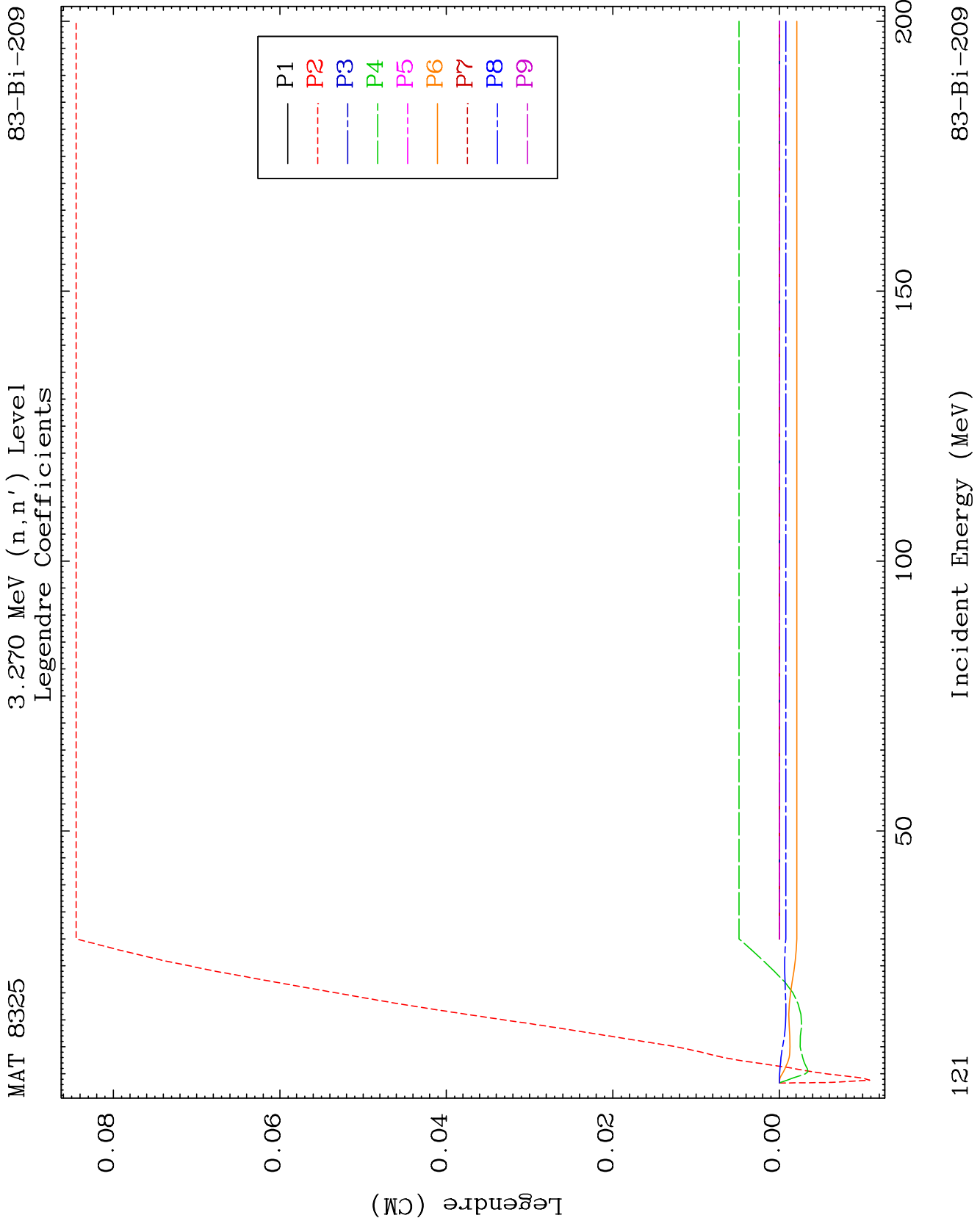
Incident Energy (MeV)

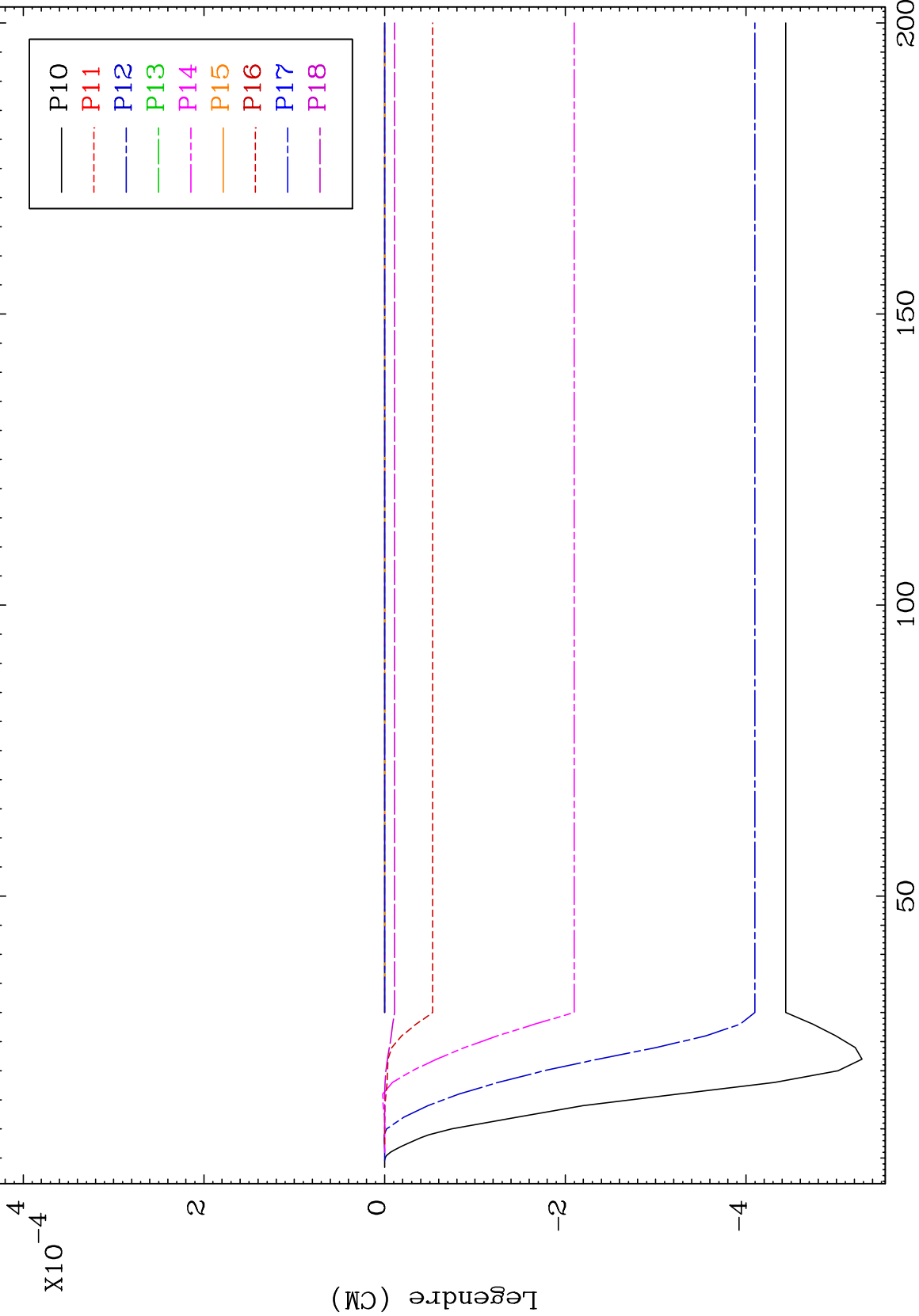
83-Bi-209







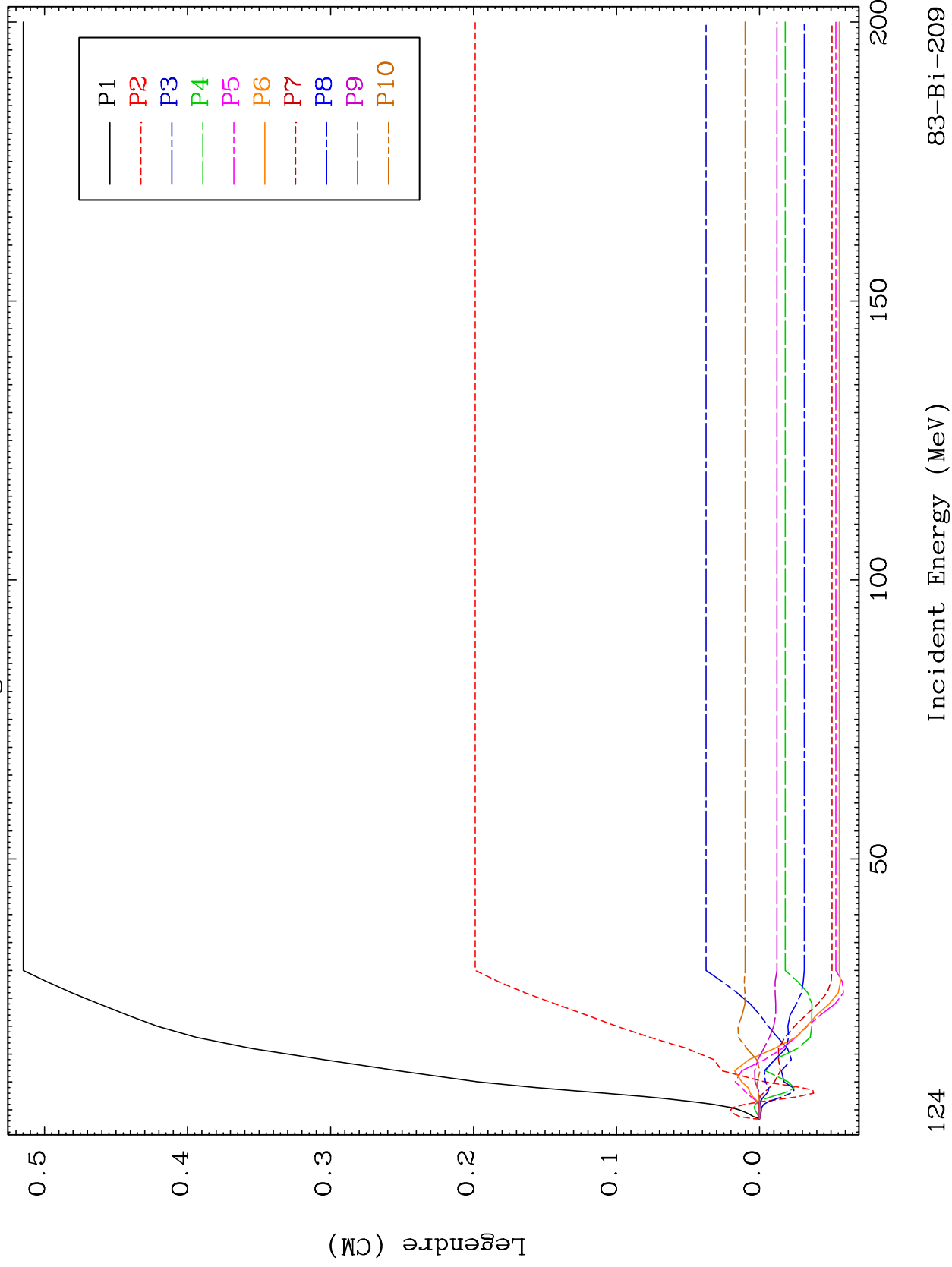




MAT 8325

3.311 MeV (n,n') Level
Legendre Coefficients

83-Bi-209



124

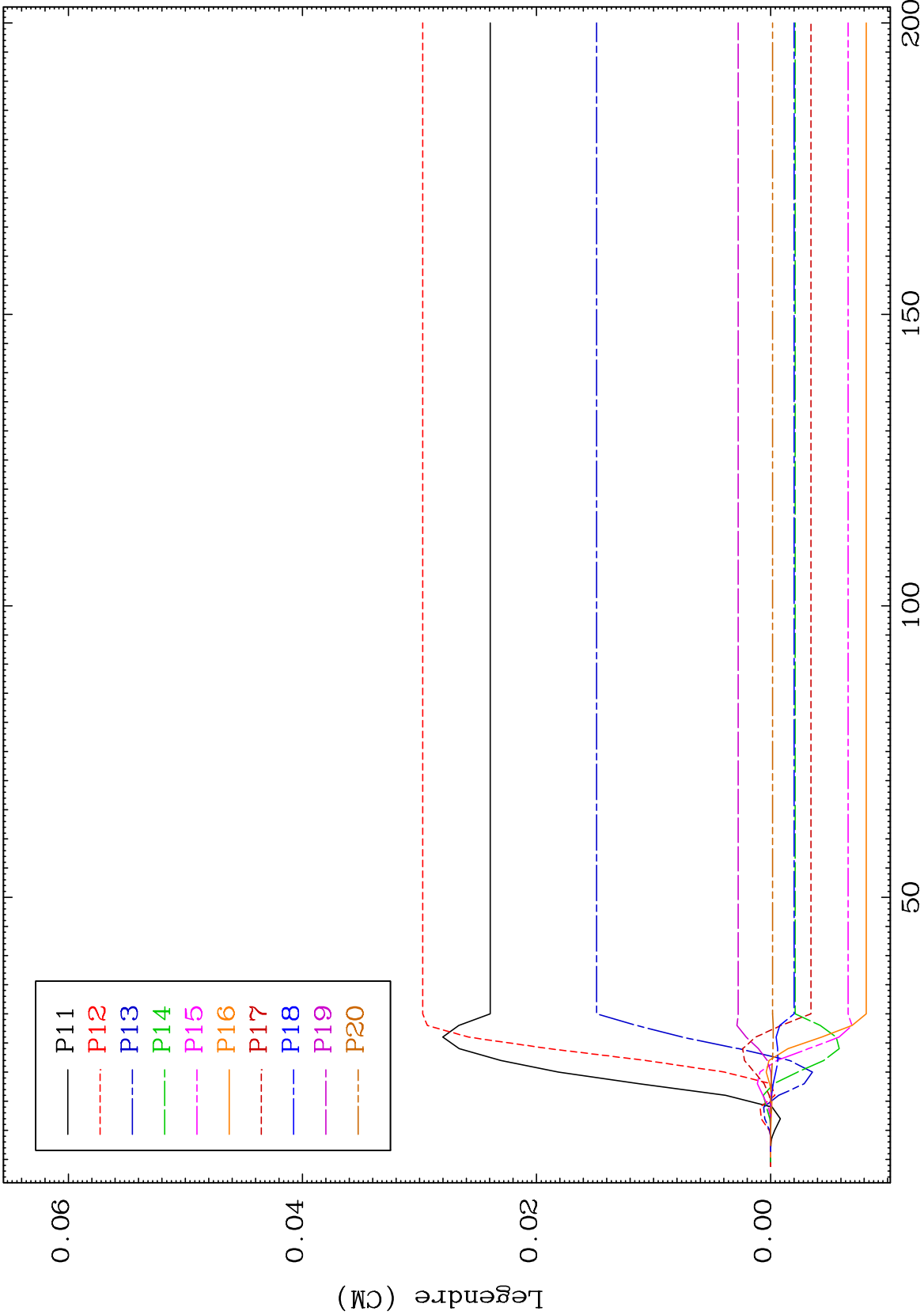
Incident Energy (MeV)

83-Bi-209

MAT 8325

3.311 MeV (n,n') Level
Legendre Coefficients

83-Bi-209



125

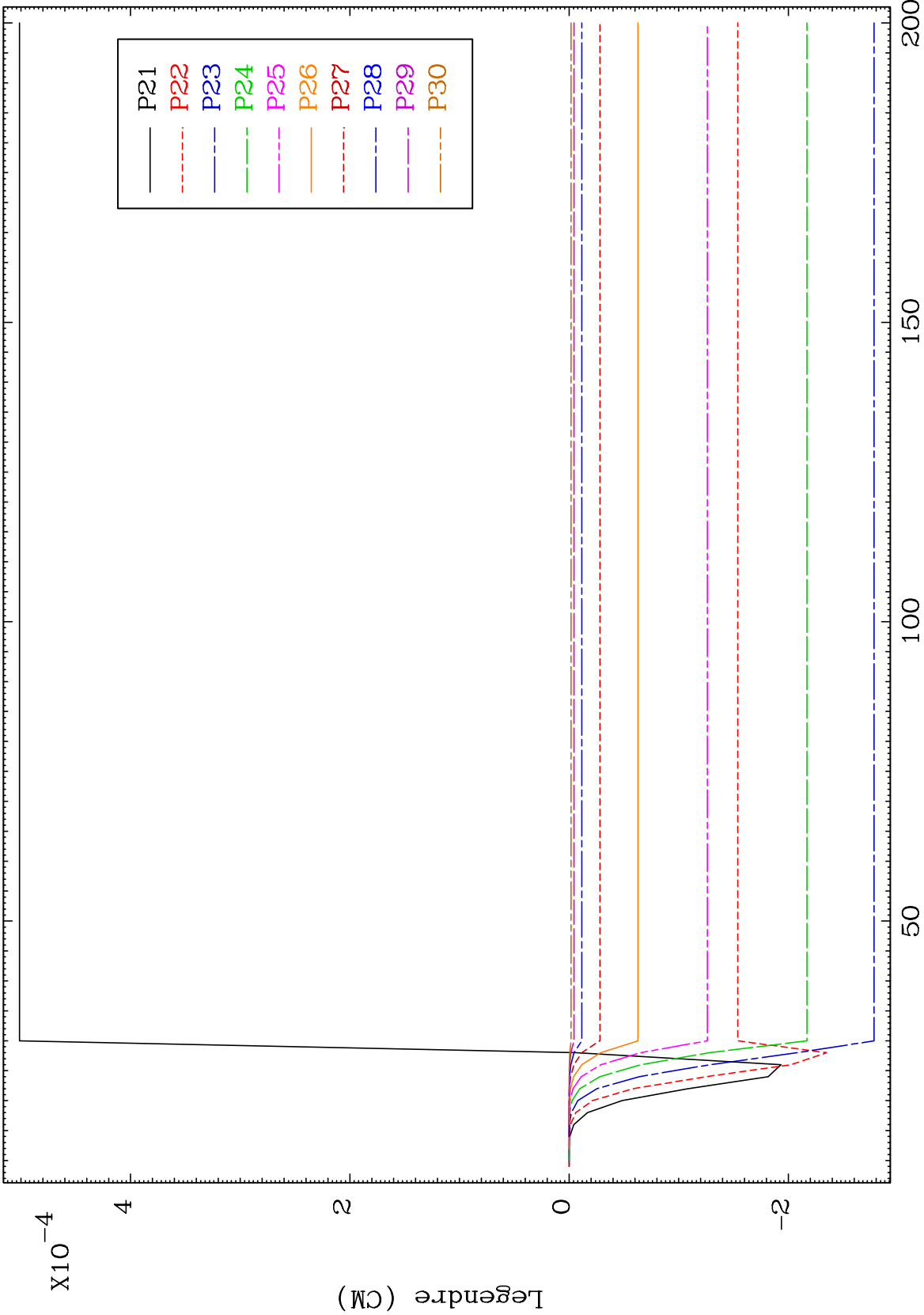
Incident Energy (MeV)

83-Bi-209

MAT 8325

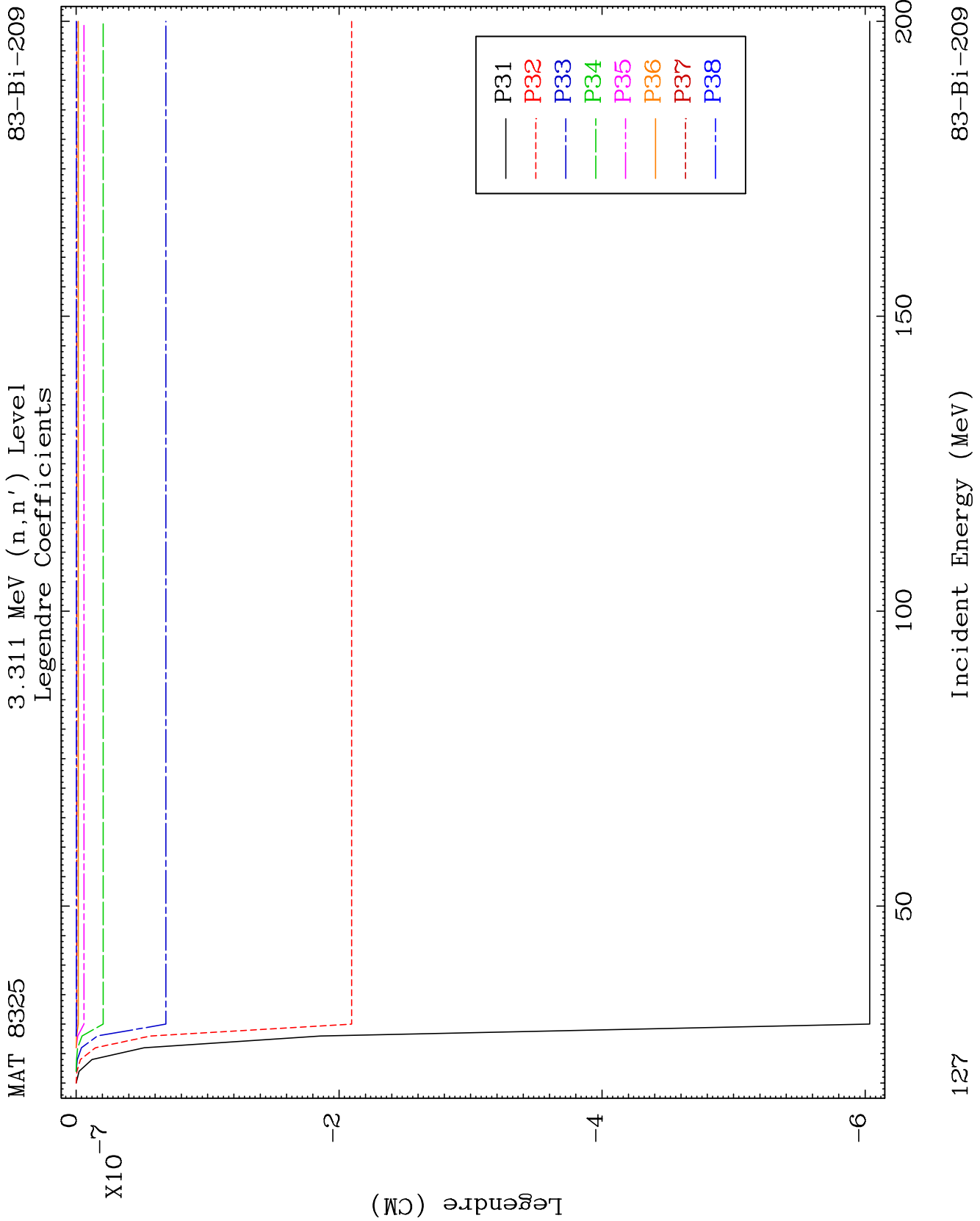
3.311 MeV (n,n') Level
Legendre Coefficients

83-Bi-209



126

83-Bi-209

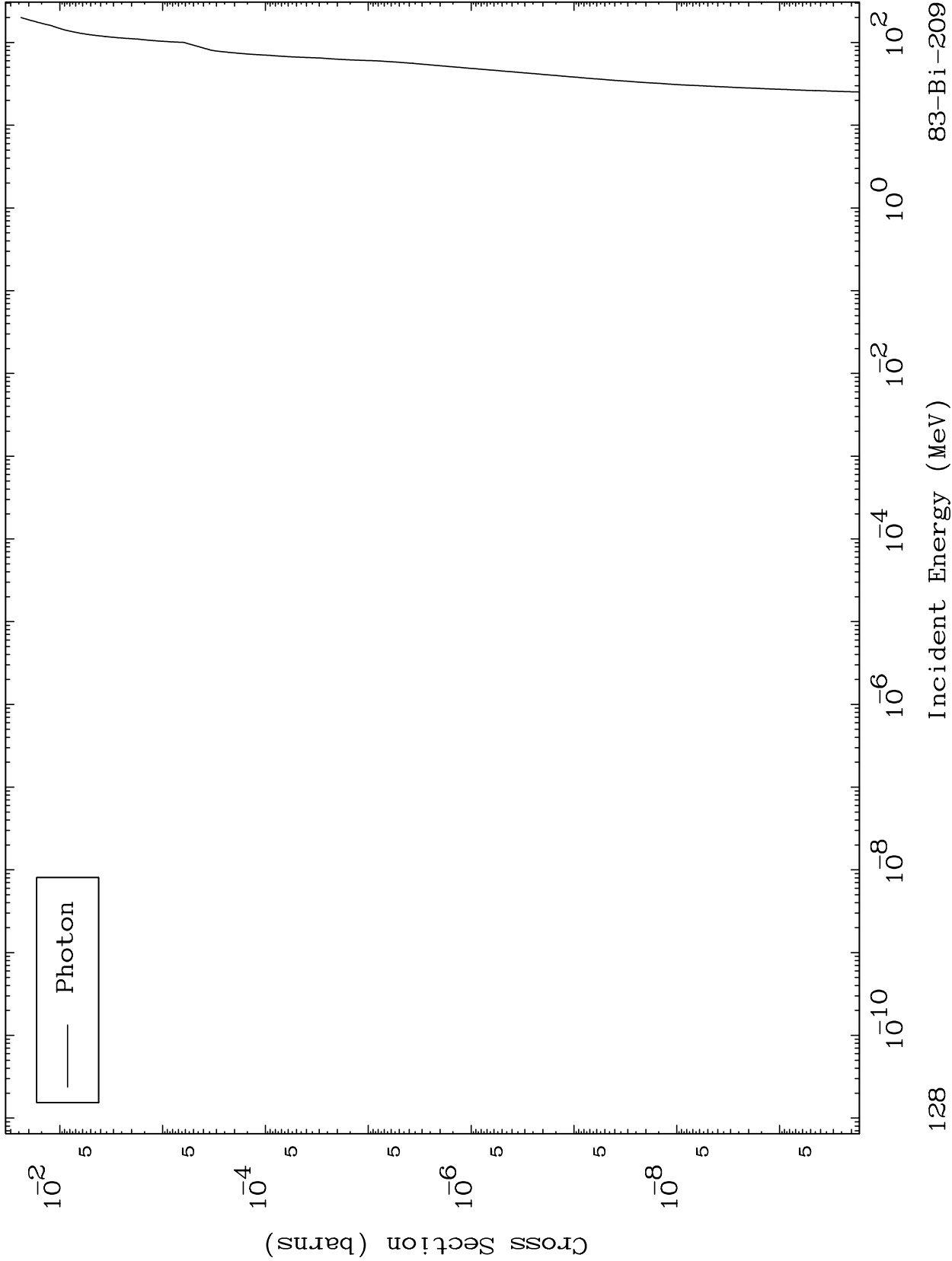


MAT 8325

Fission

83-Bi-209

Radionuclide Production Cross Section



128

Incident Energy (MeV)

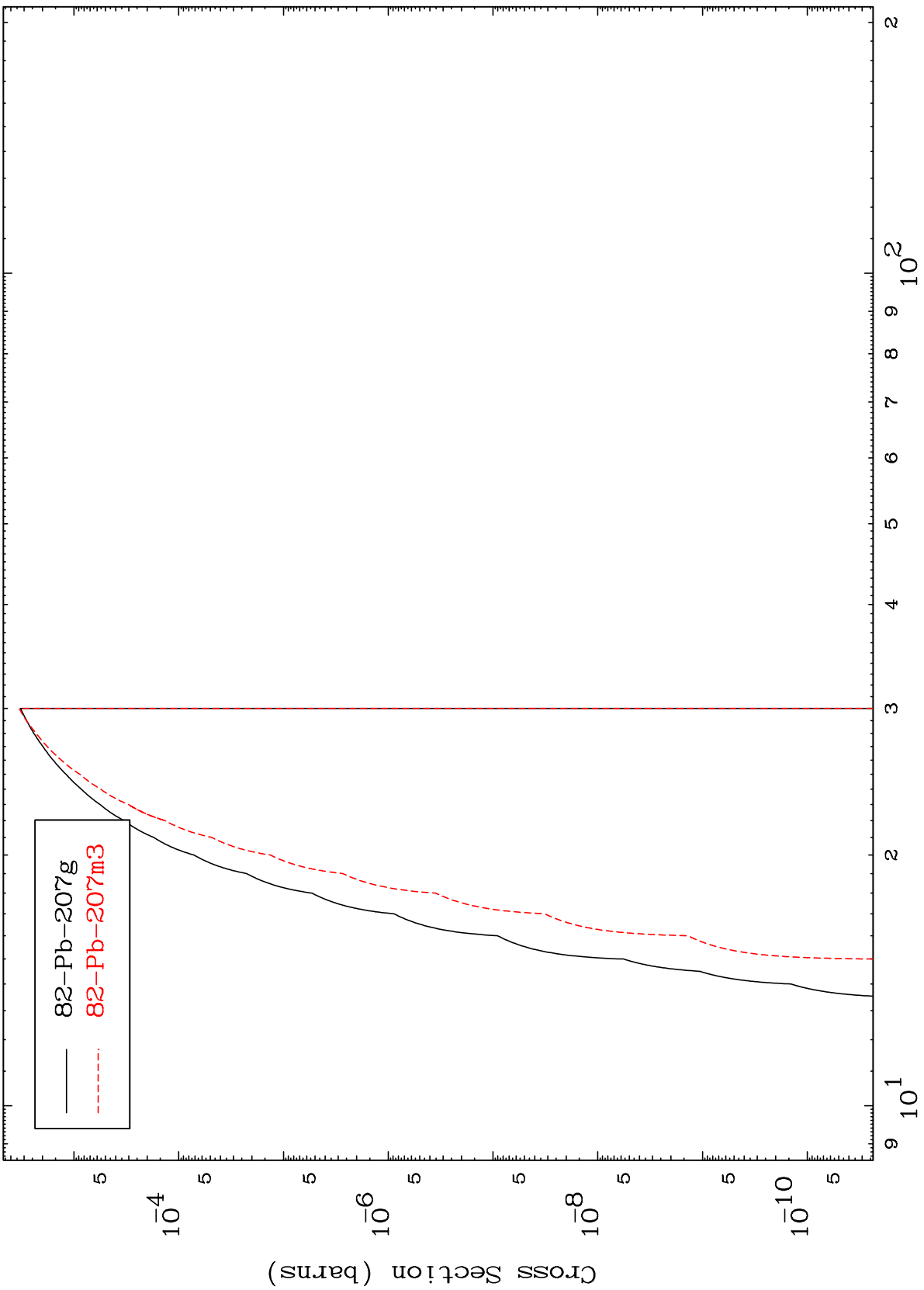
83-Bi-209

MAT 8325

(n,n') d

83-Bi-209

Radionuclide Production Cross Section



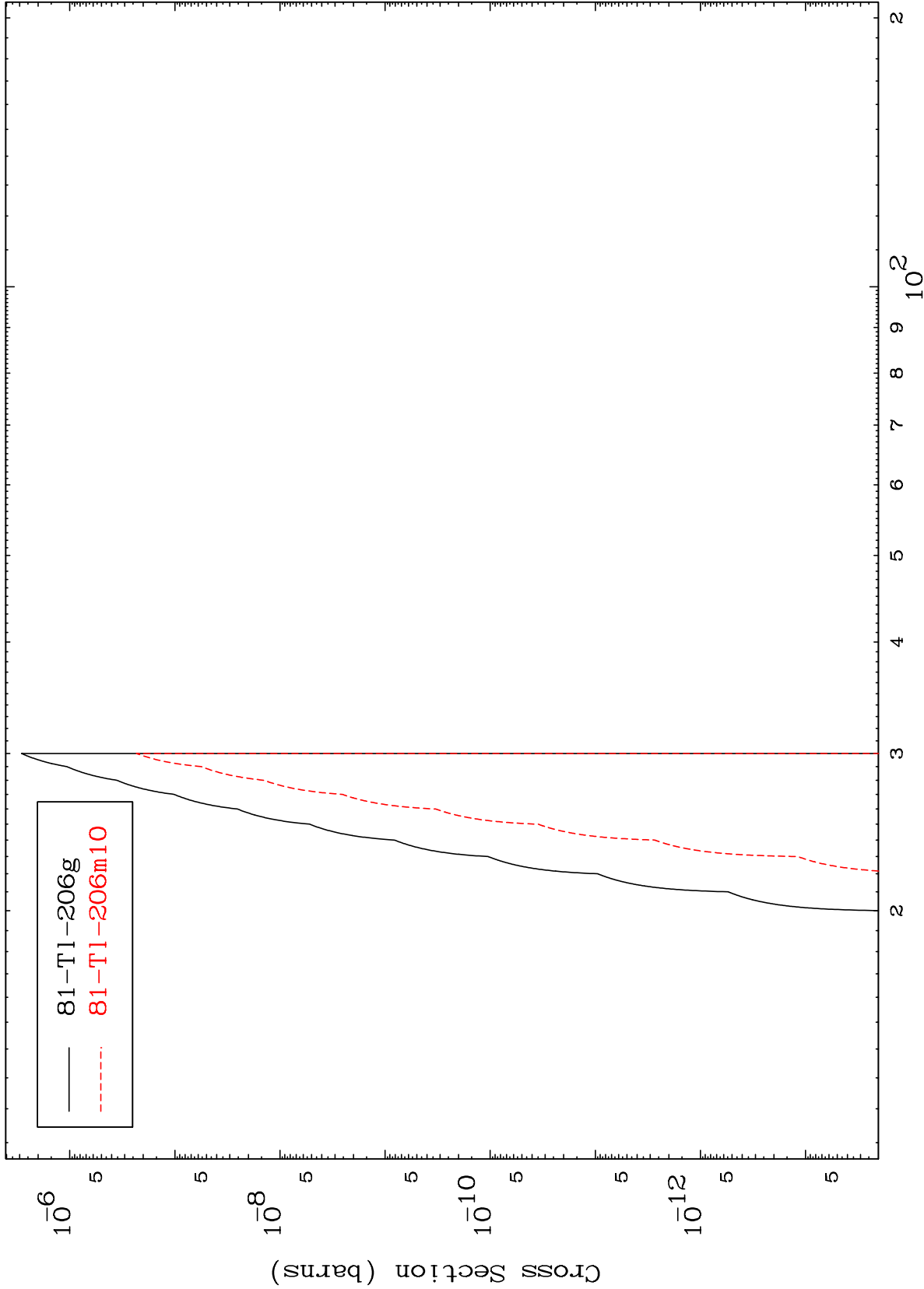
82-Pb-207g
82-Pb-207m3

129

Incident Energy (MeV)

83-Bi-209

Radionuclide Production Cross Section

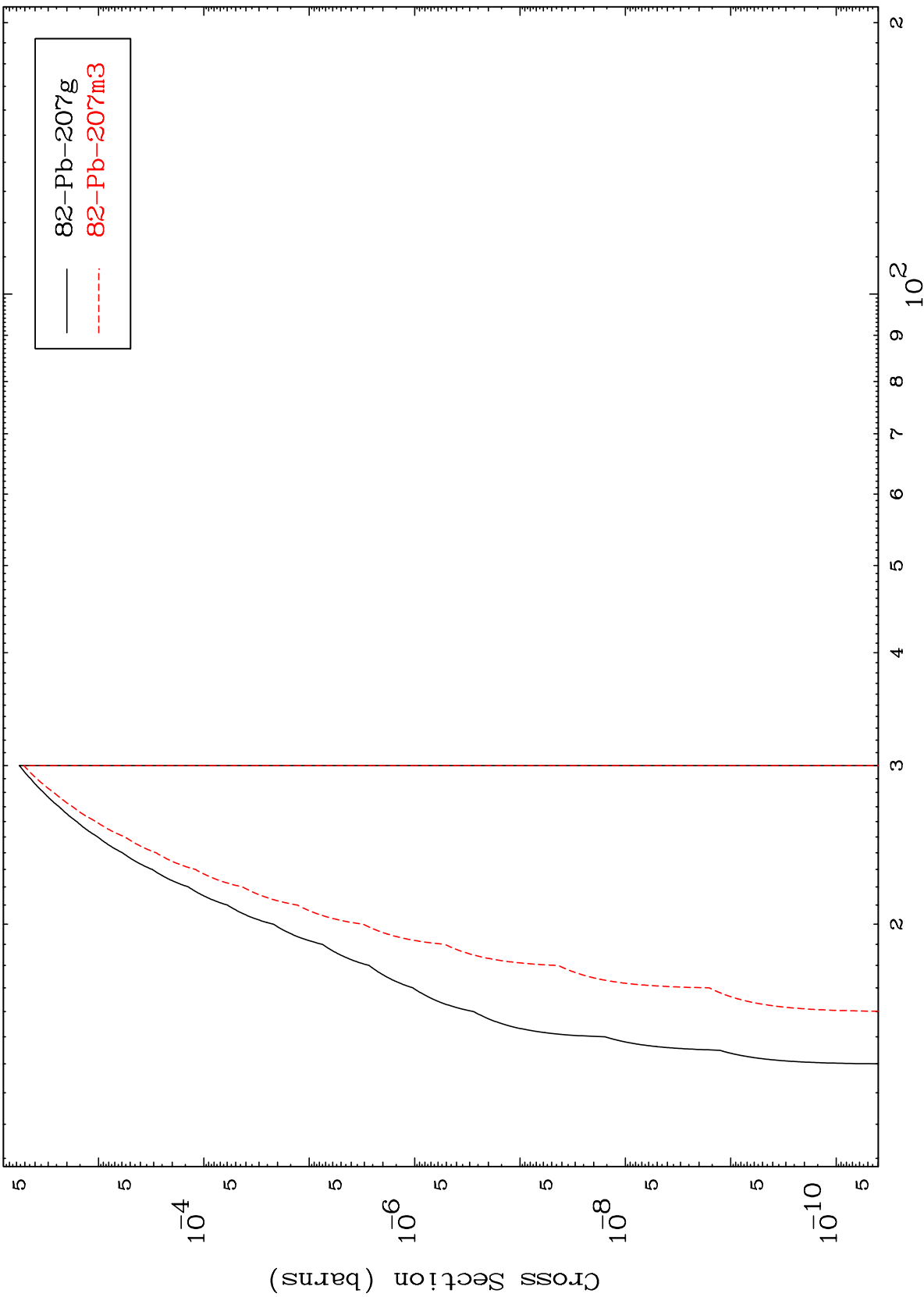


MAT 8325

(n,2n) p

83-Bi-209

Radionuclide Production Cross Section



82-Pb-207g
82-Pb-207m3

131

Incident Energy (MeV)

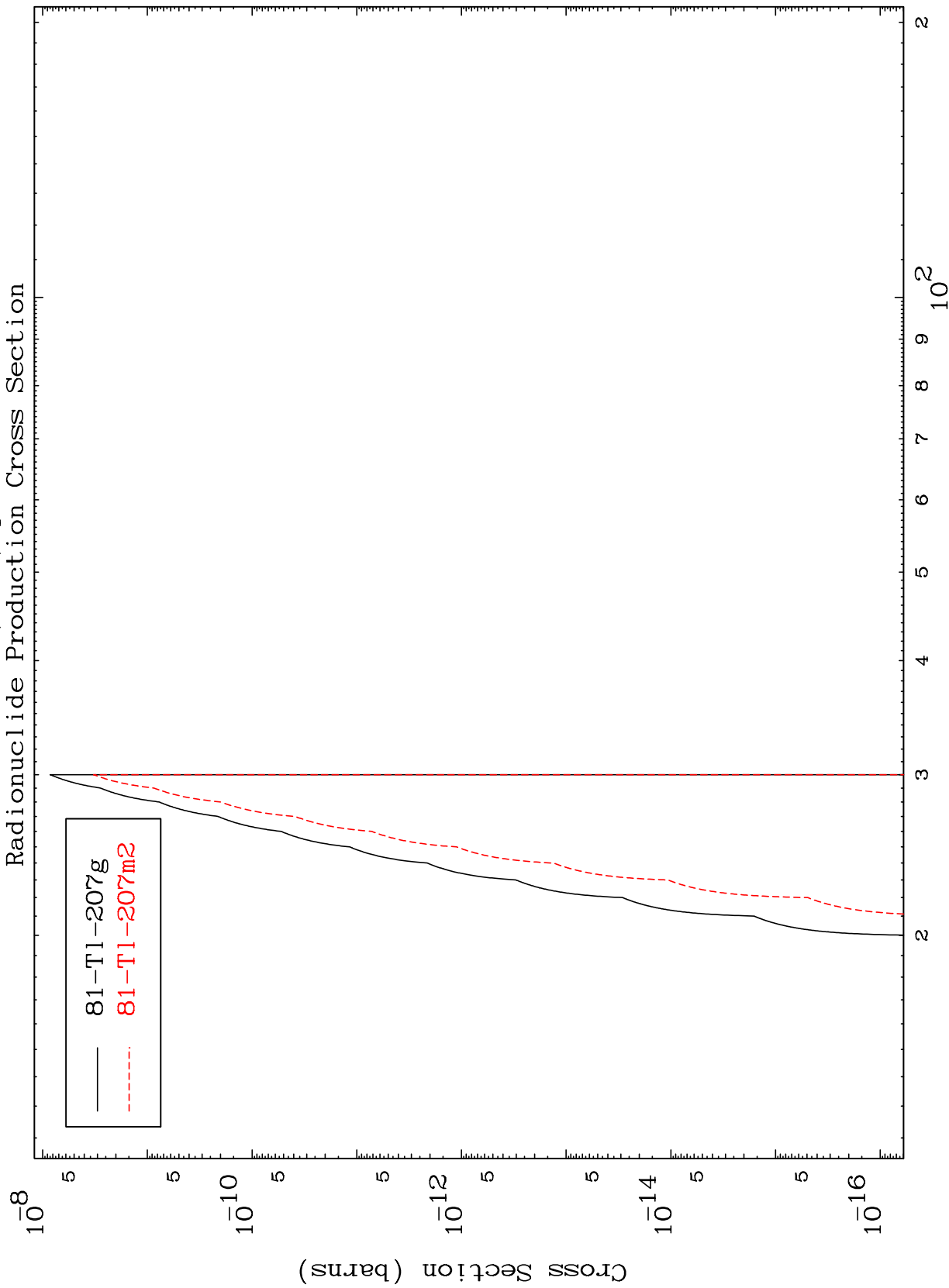
83-Bi-209

MAT 8325

(n,2n) p

83-Bi-209

Radionuclide Production Cross Section



132

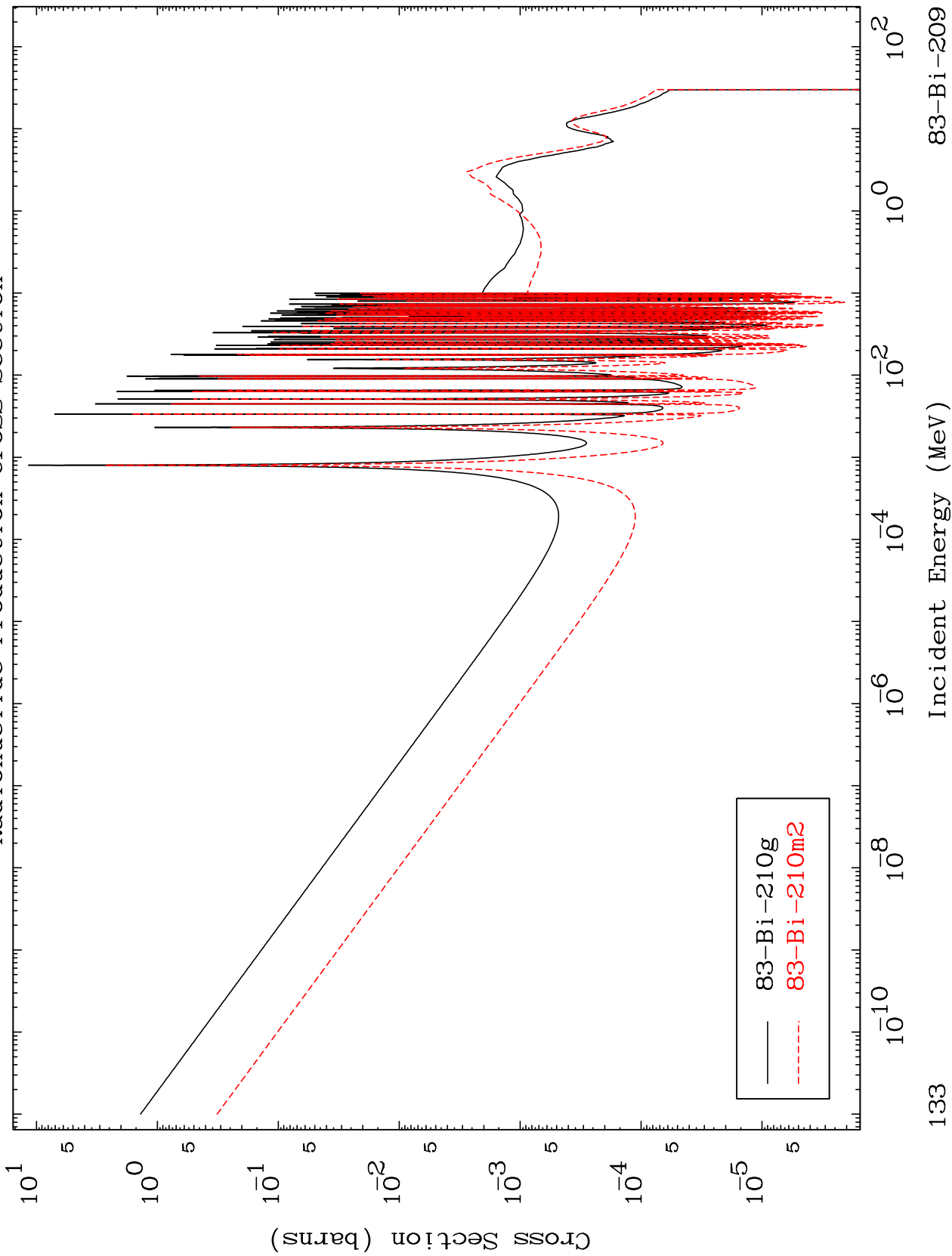
Incident Energy (MeV)

83-Bi-209

MAT 8325

83-Bi-209

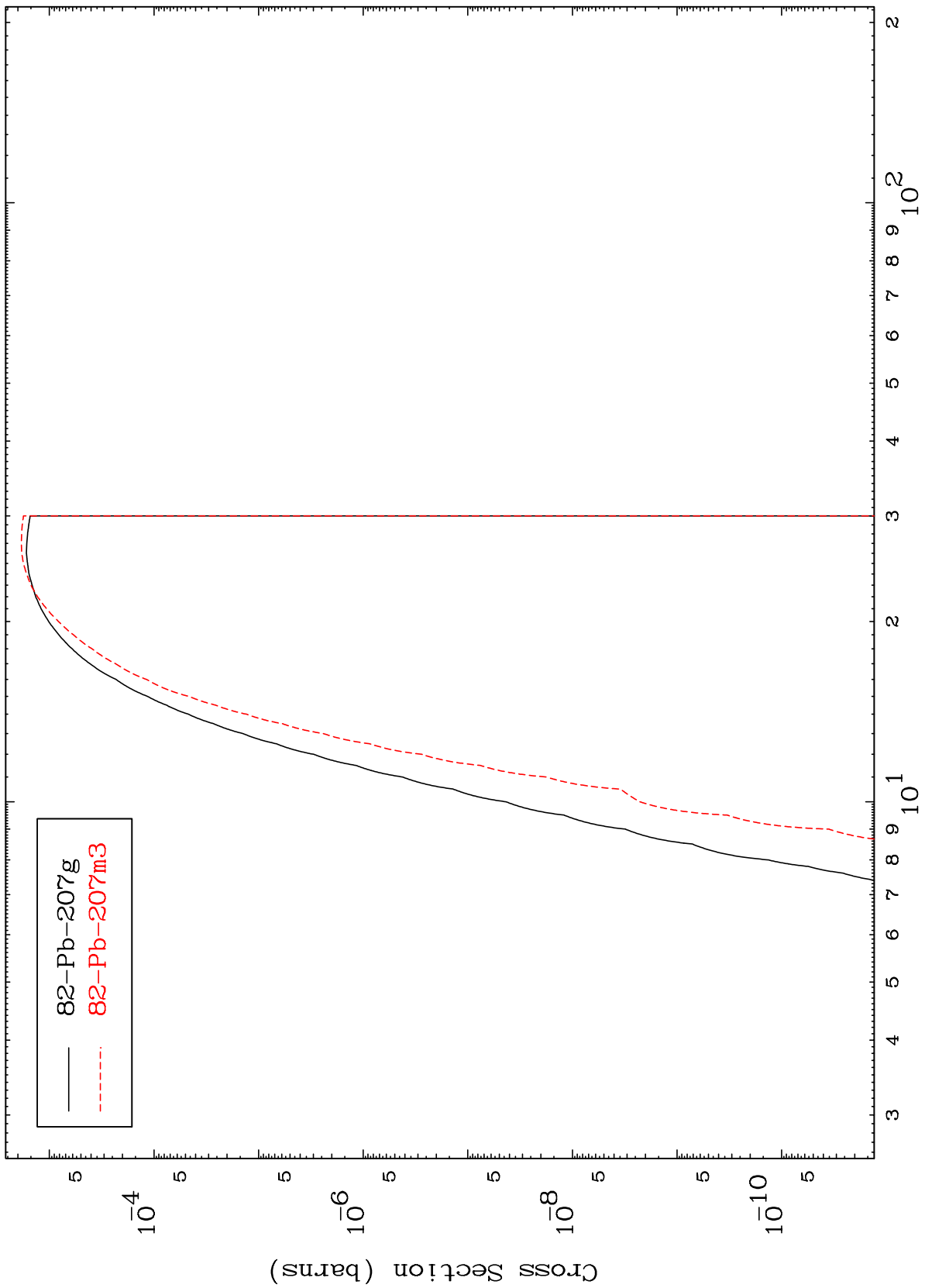
(n, γ)
Radionuclide Production Cross Section



MAT 8325

83-Bi-209

(n, t)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

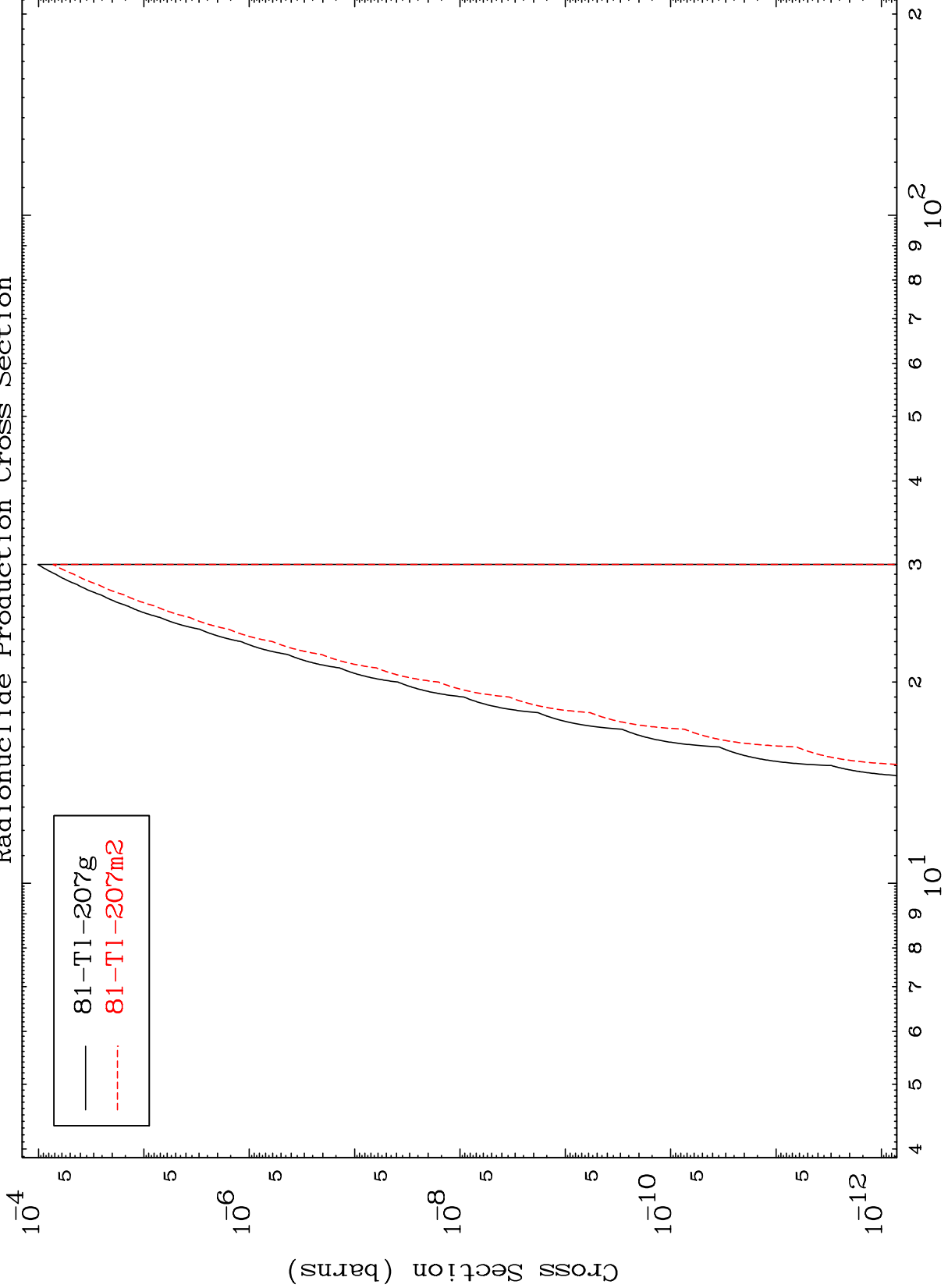
83-Bi-209

MAT 8325

(n,He-3)

83-Bi-209

Radionuclide Production Cross Section

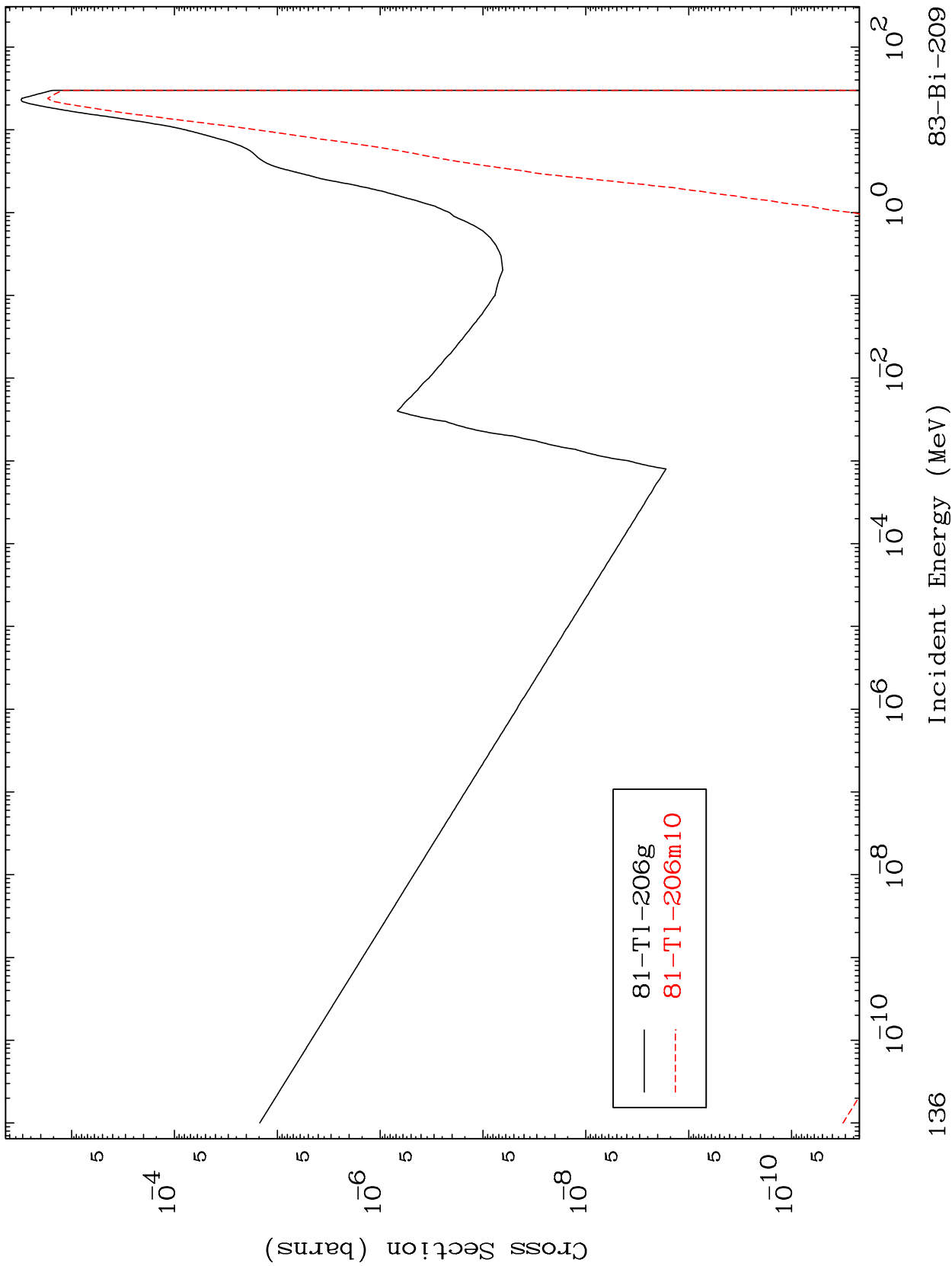


135

Incident Energy (MeV)

83-Bi-209

Radionuclide Production Cross Section
(n, α)

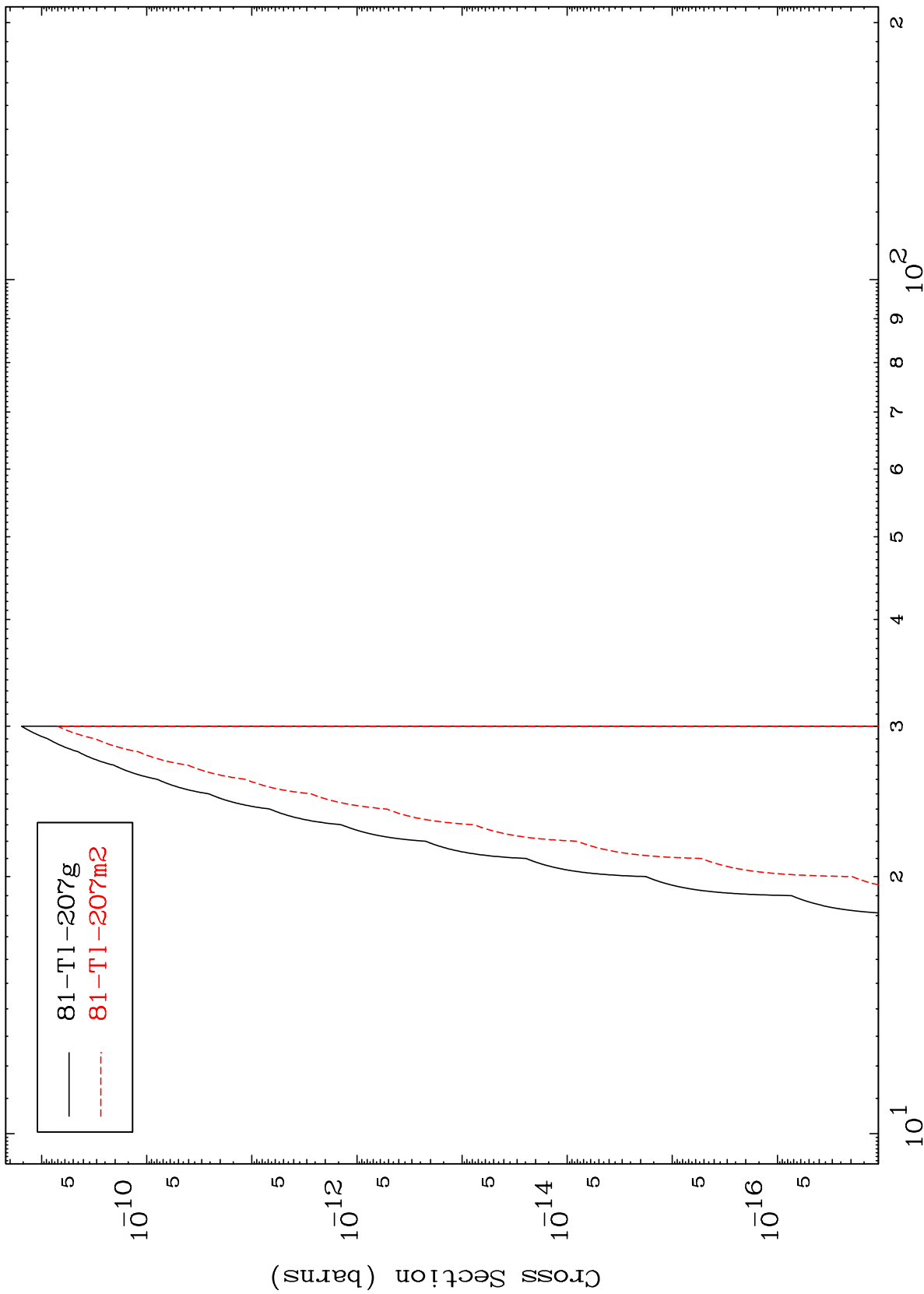


MAT 8325

(n,p) d

83-Bi-209

Radionuclide Production Cross Section



137

Incident Energy (MeV)

83-Bi-209