

Program EVALPLOT
(Version 2015-2)

by

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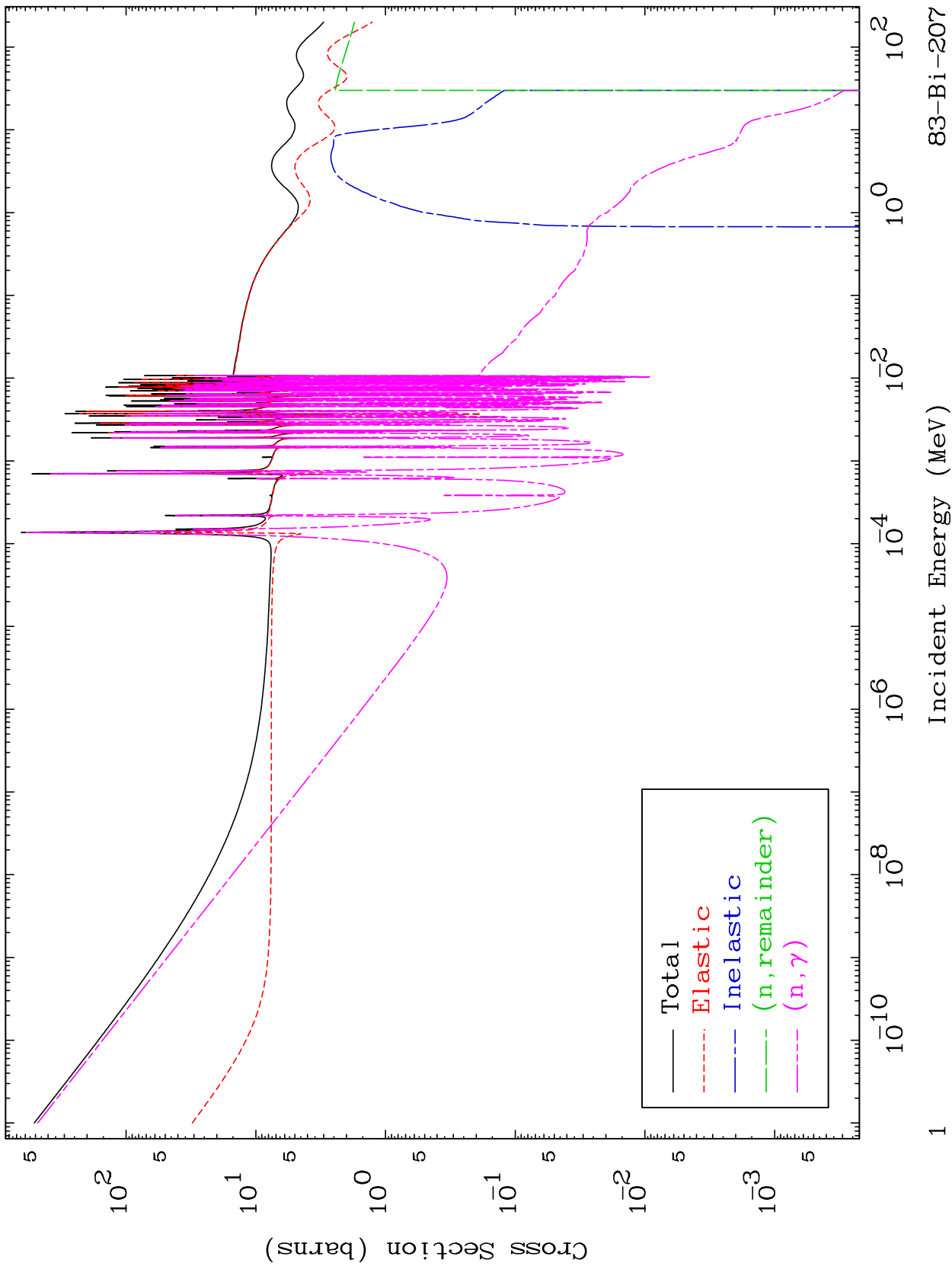
Press Mouse Button to Start

MAT 8319

Major

293 Kelvin Cross Sections

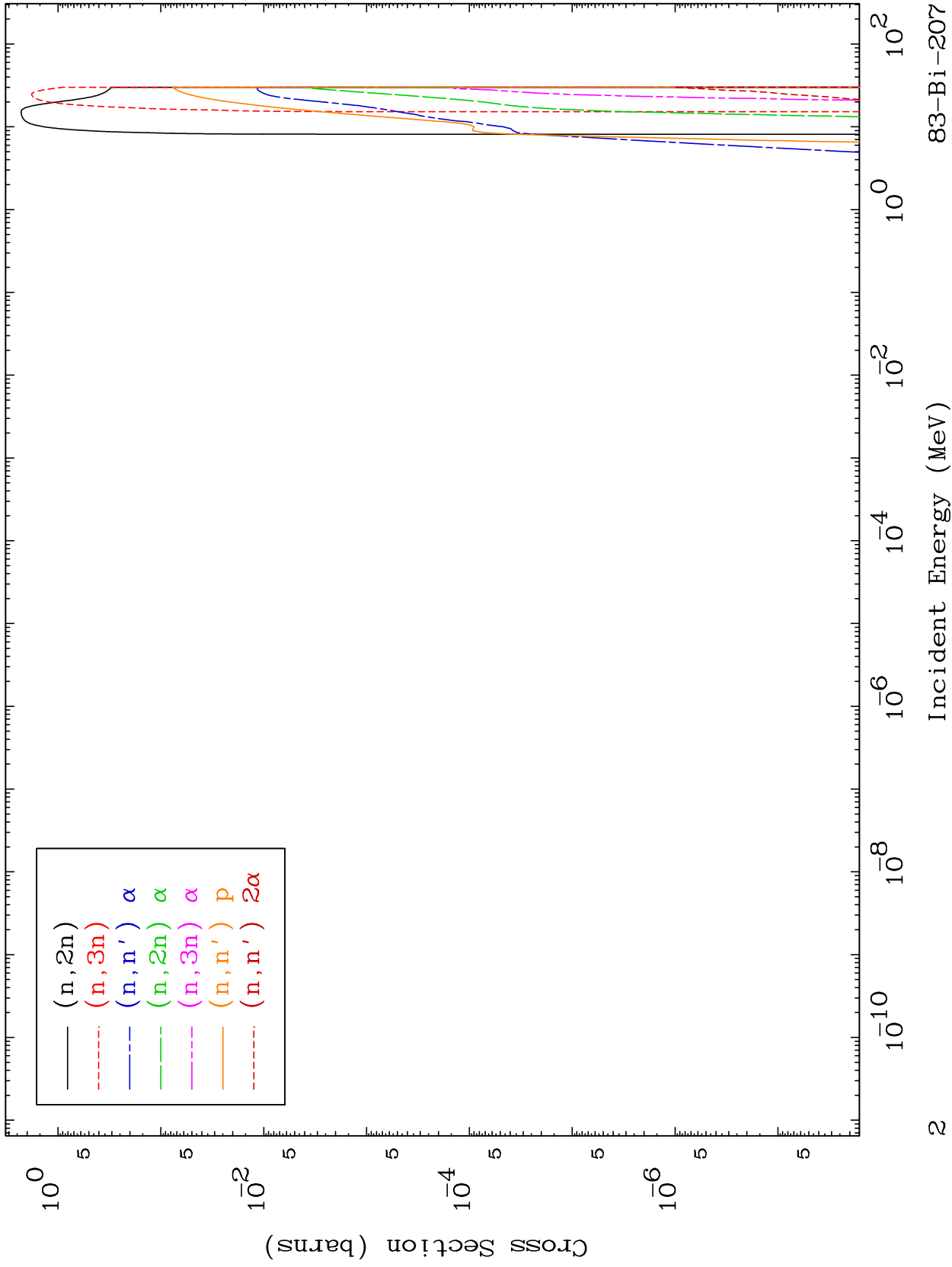
83-Bi-207

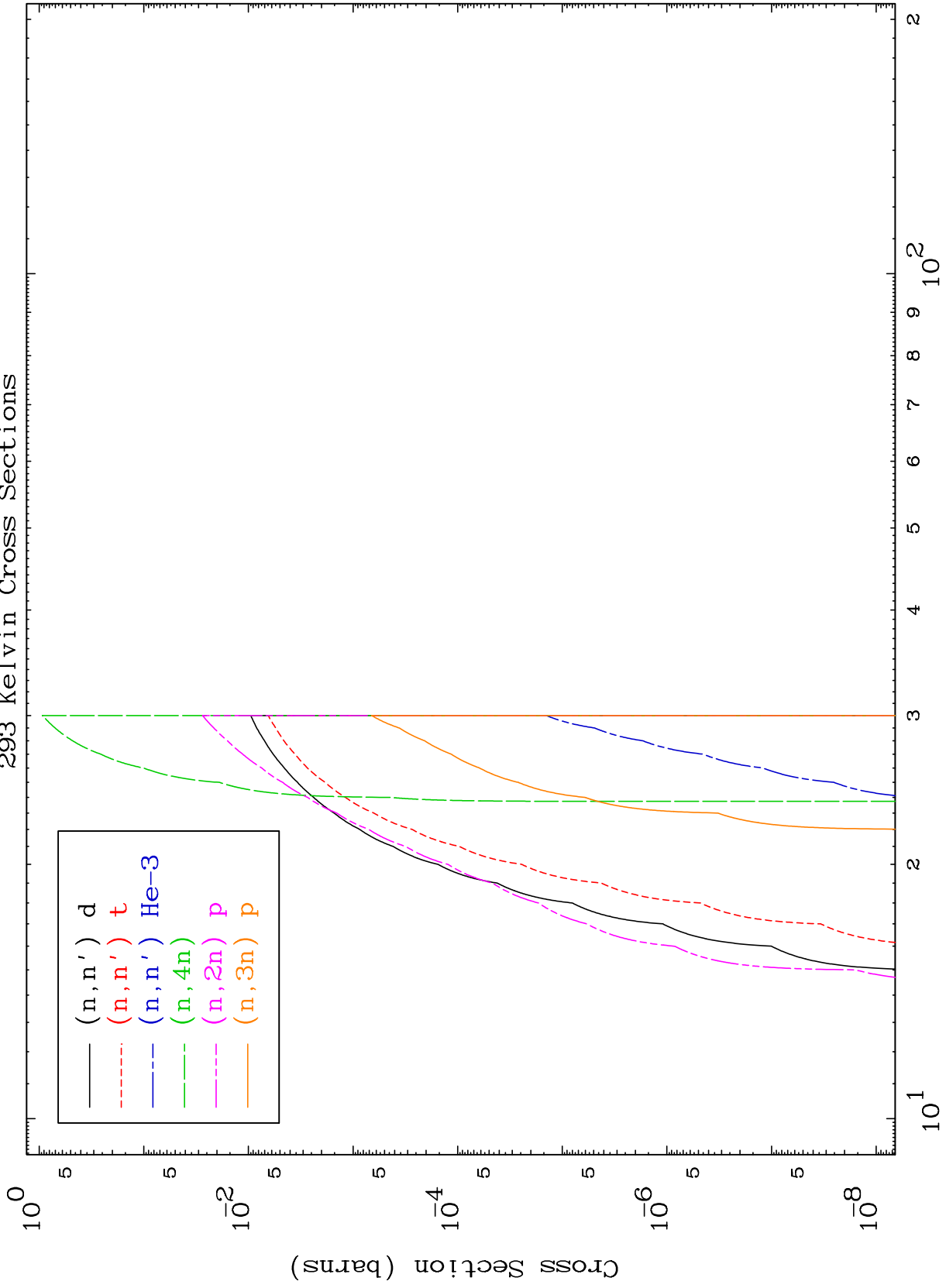


MAT 8319

Neutron Production
293 Kelvin Cross Sections

83-Bi-207

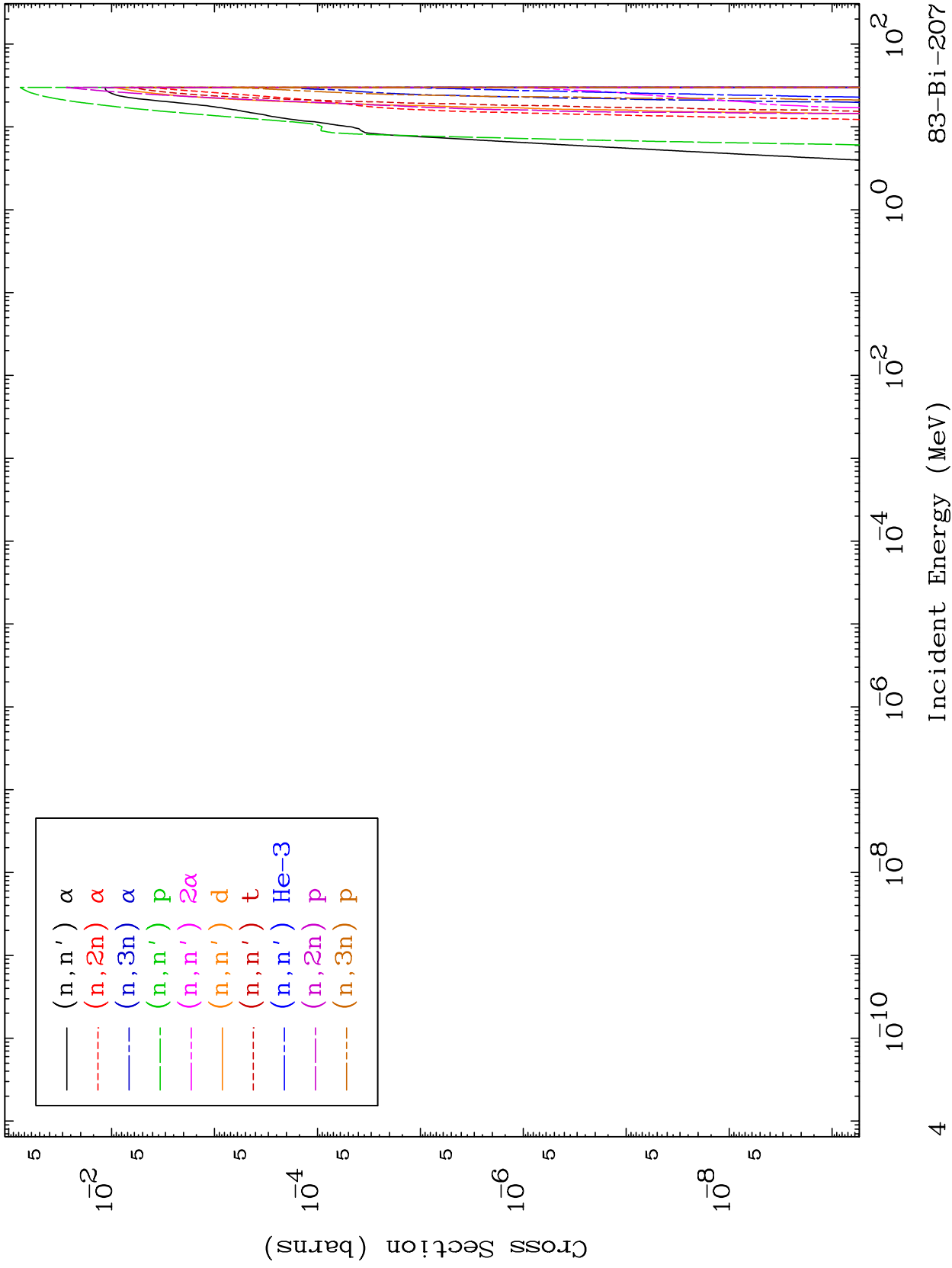




MAT 8319

Charged Particle
293 Kelvin Cross Sections

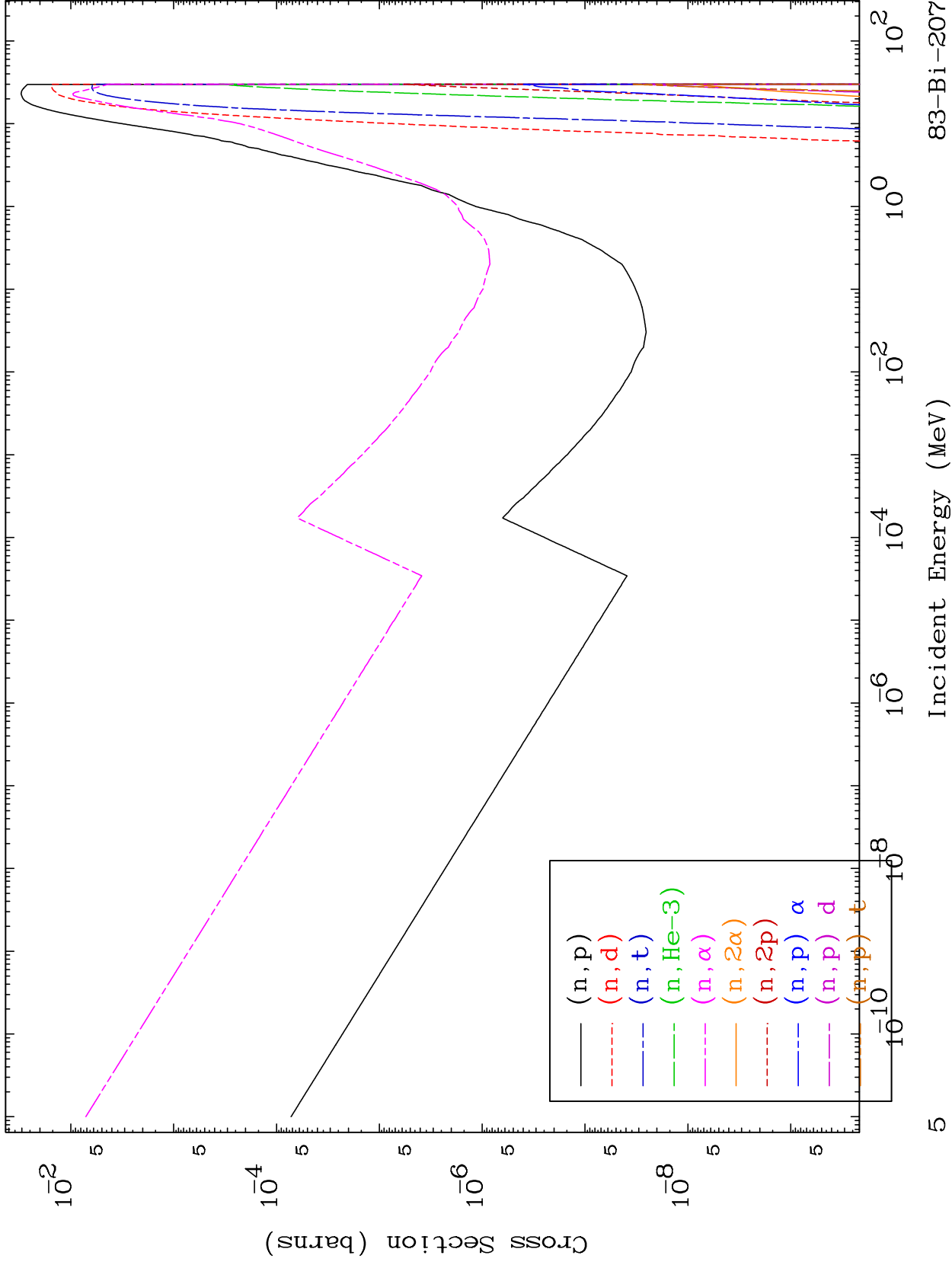
83-Bi-207



MAT 8319

Charged Particle
293 Kelvin Cross Sections

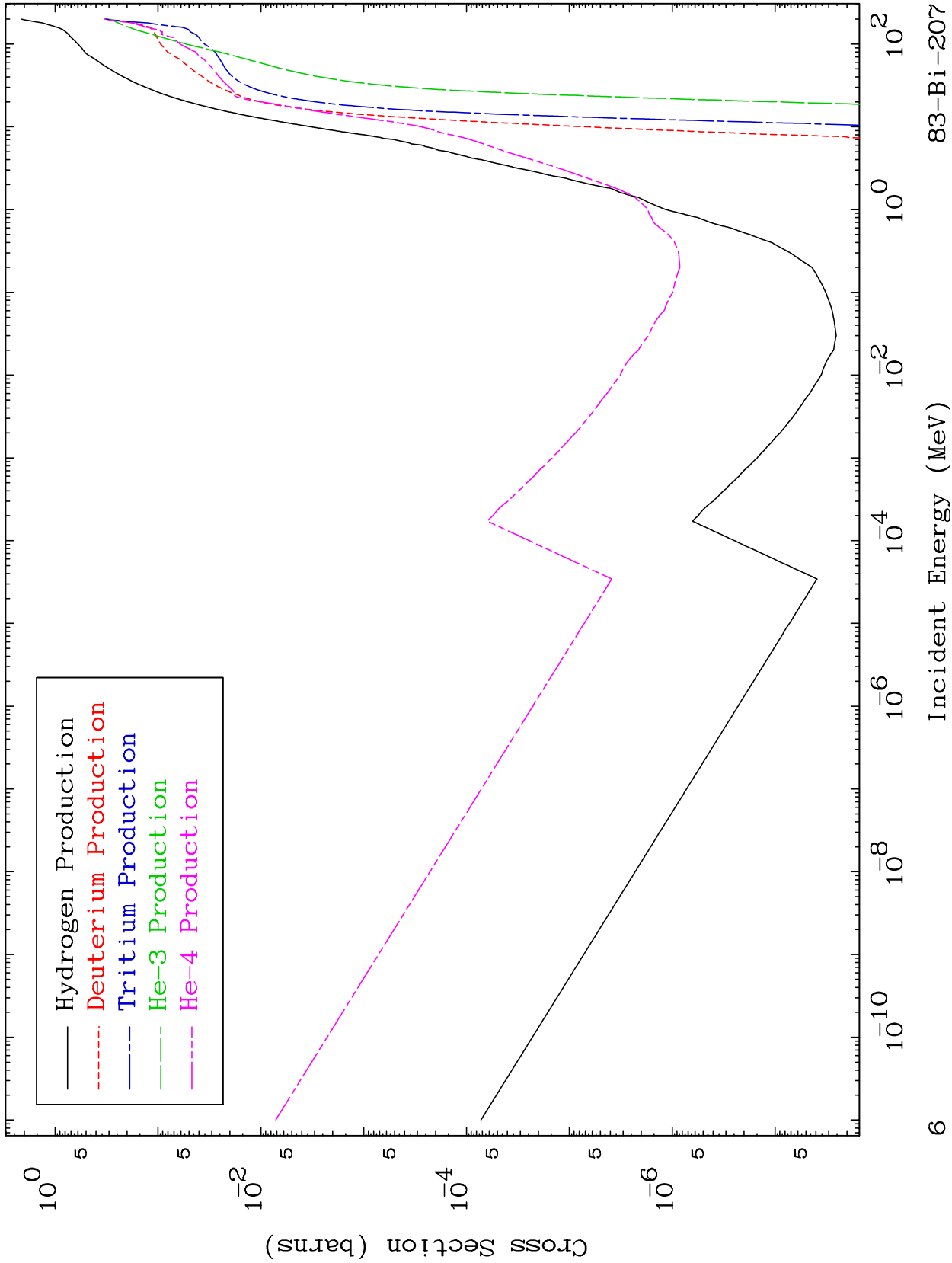
83-Bi-207



MAT 8319

Particle Production
293 Kelvin Cross Sections

83-Bi-207

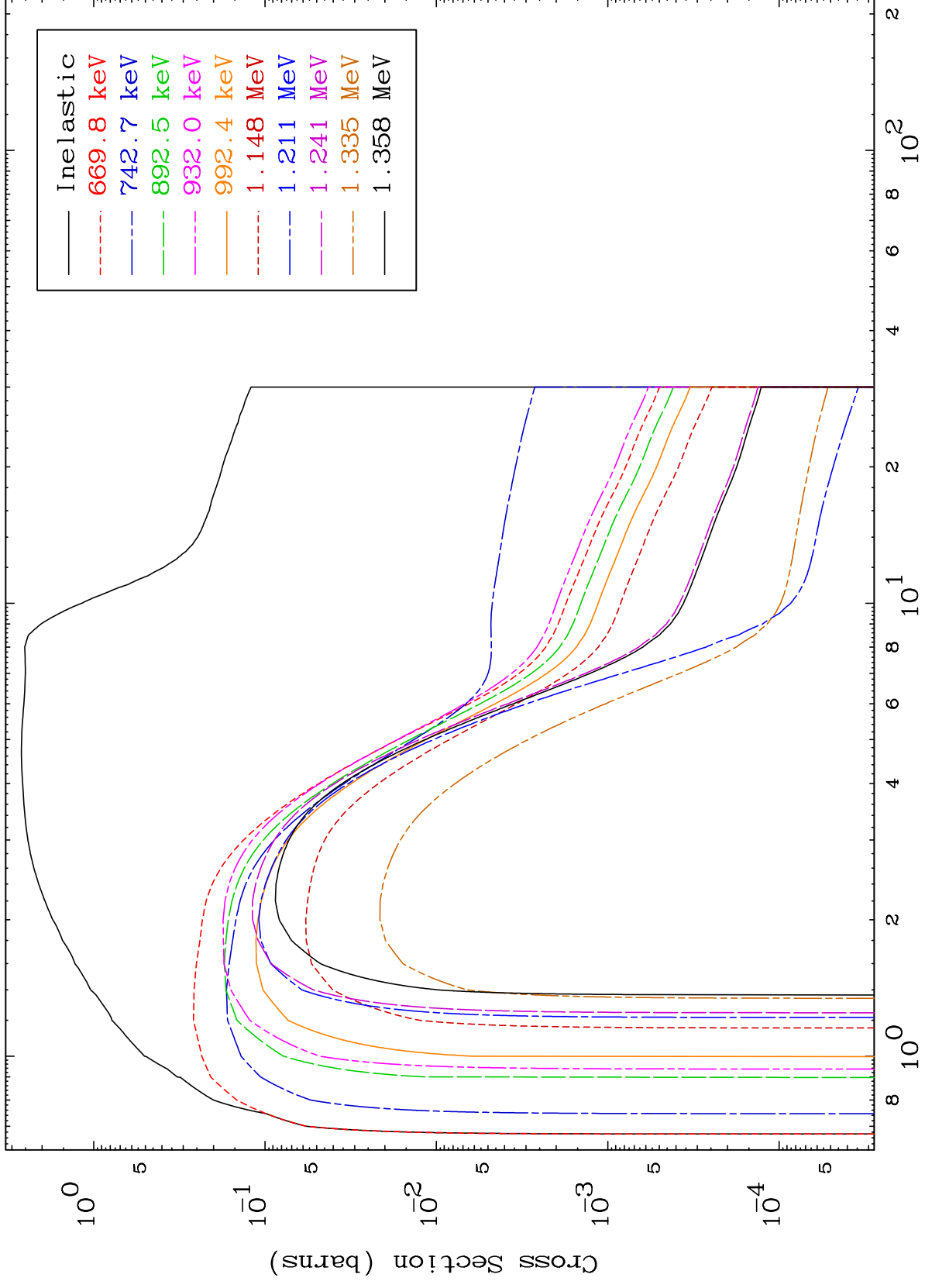


MAT 8319

(n,n') Level

83-Bi-207

293 Kelvin Cross Sections



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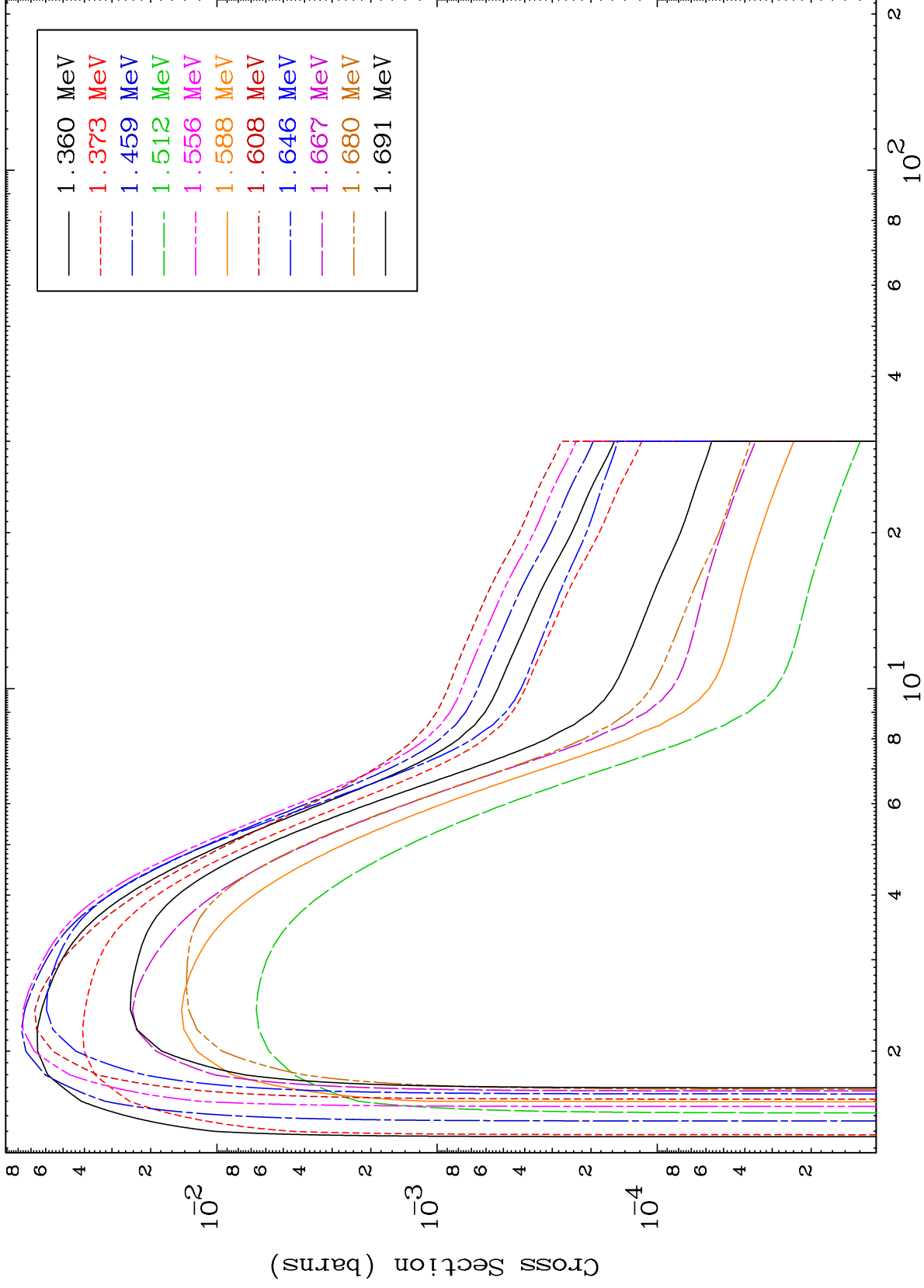
Incident Energy (MeV)

83-Bi-207

MAT 8319

(n,n') Level
293 Kelvin Cross Sections

83-Bi-207



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Incident Energy (MeV)

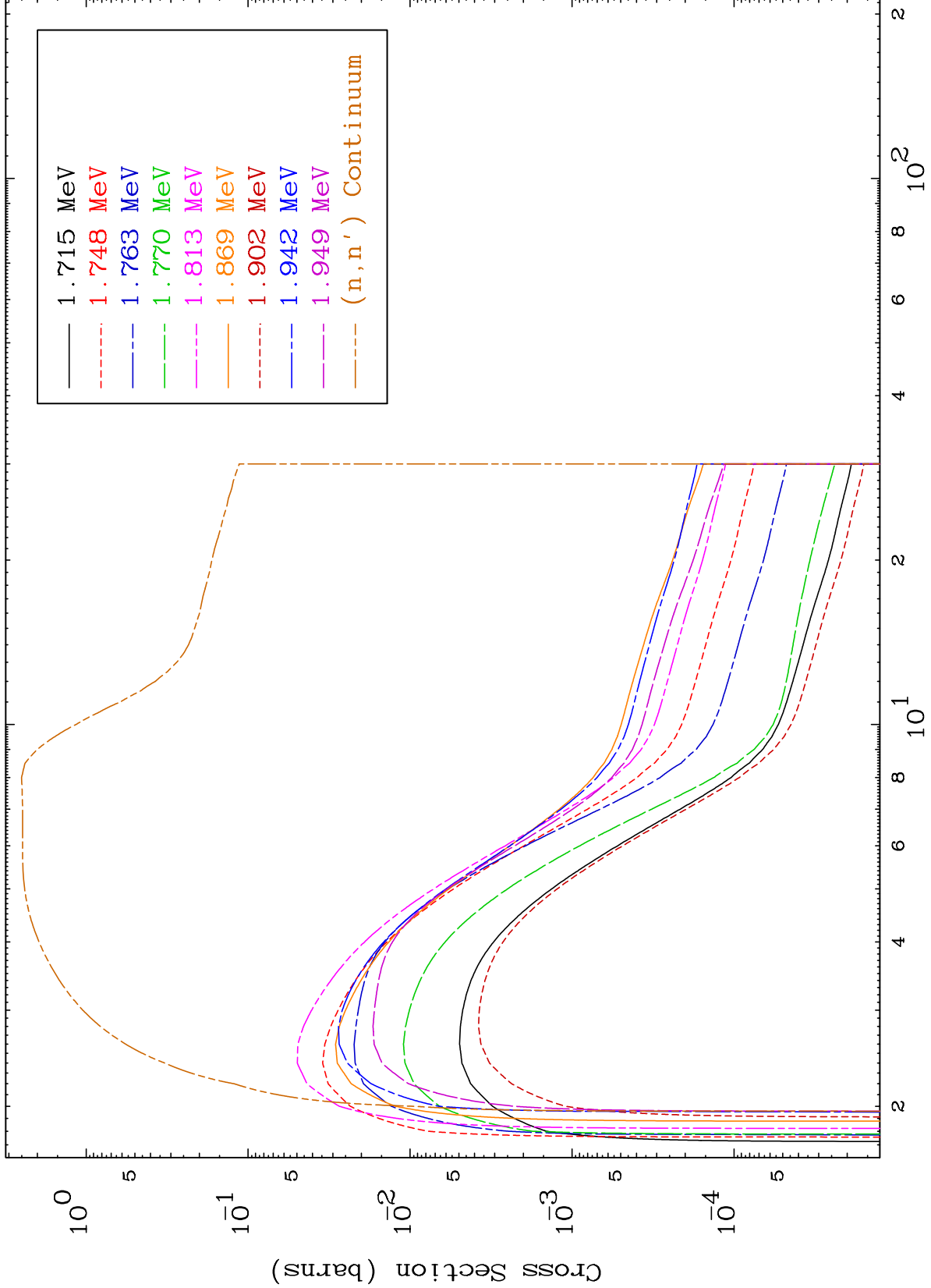
83-Bi-207

MAT 8319

(n,n') Level

83-Bi-207

293 Kelvin Cross Sections



9

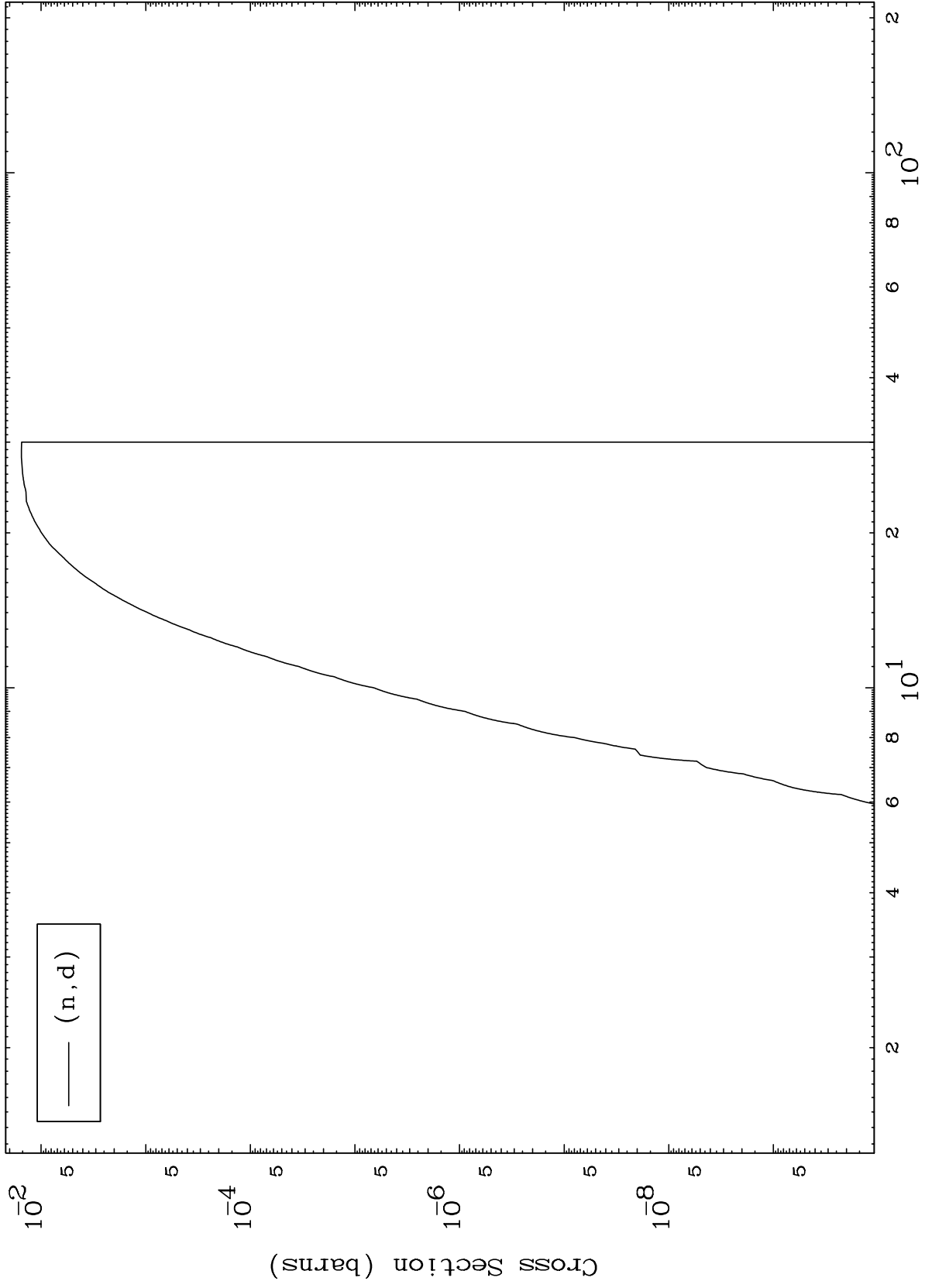
Incident Energy (MeV)

83-Bi-207

MAT 8319

(n,d) Levels
293 Kelvin Cross Sections

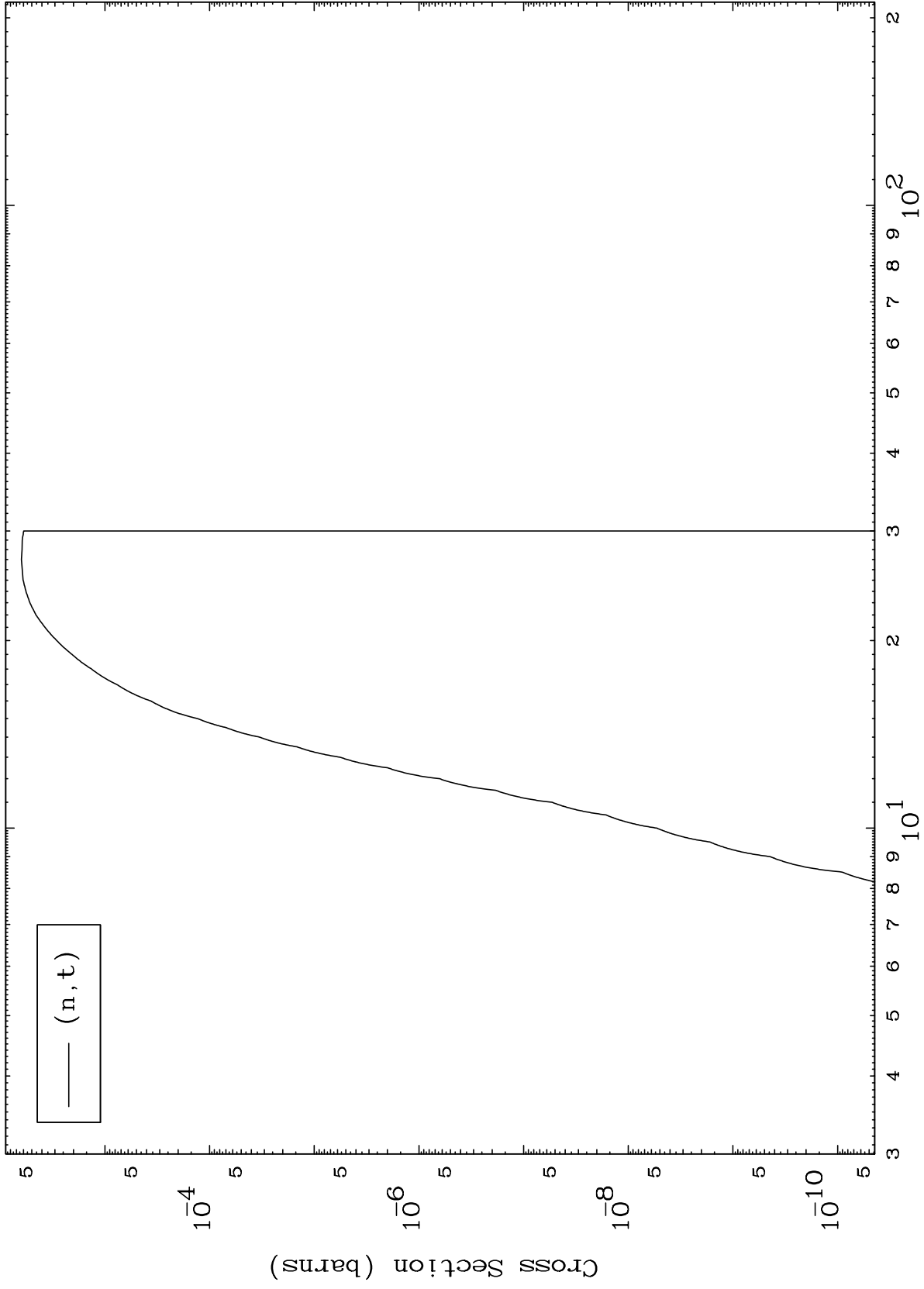
83-Bi-207



MAT 8319

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-207



(n,t)

12

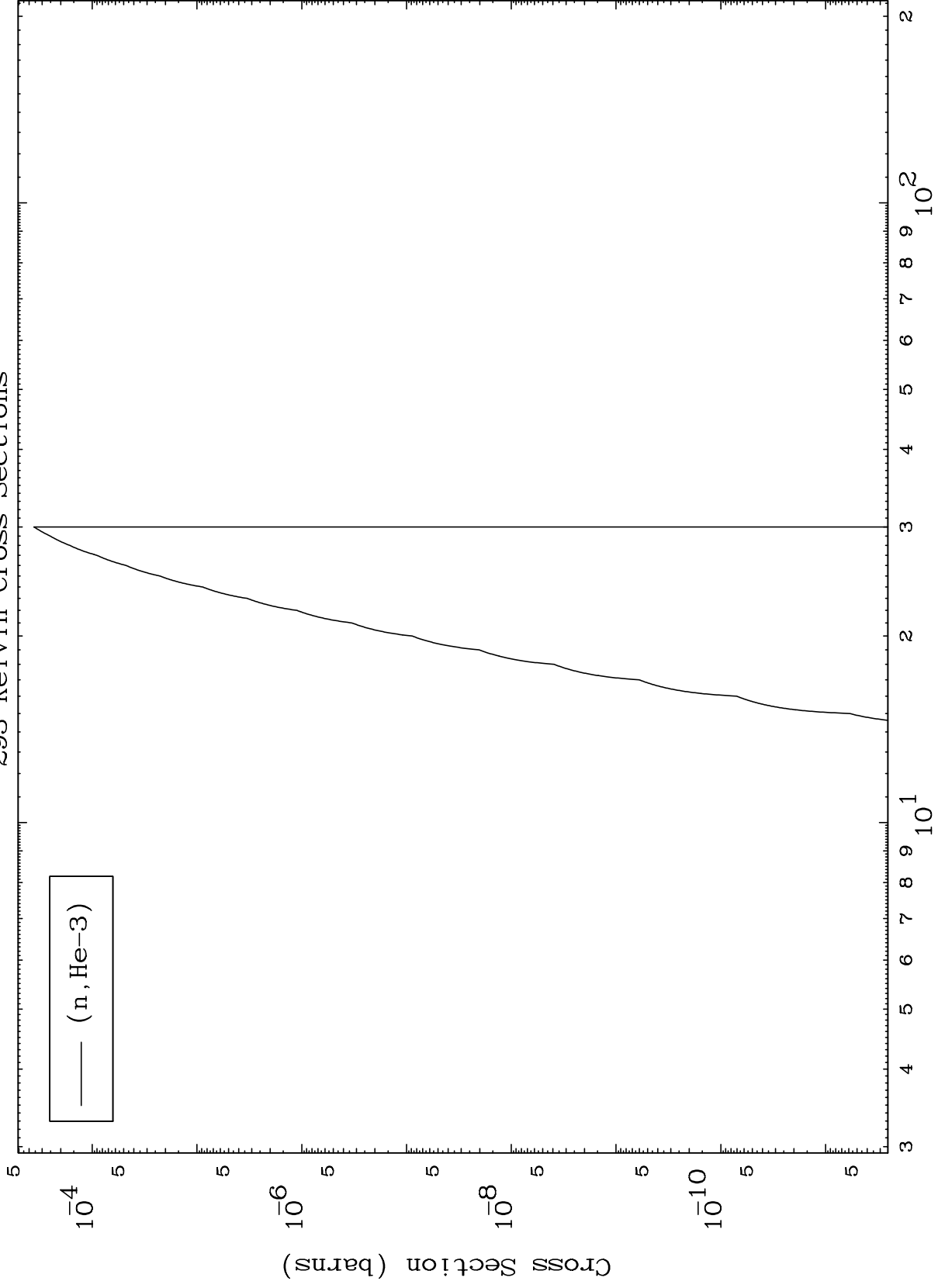
Incident Energy (MeV)

83-Bi-207

MAT 8319

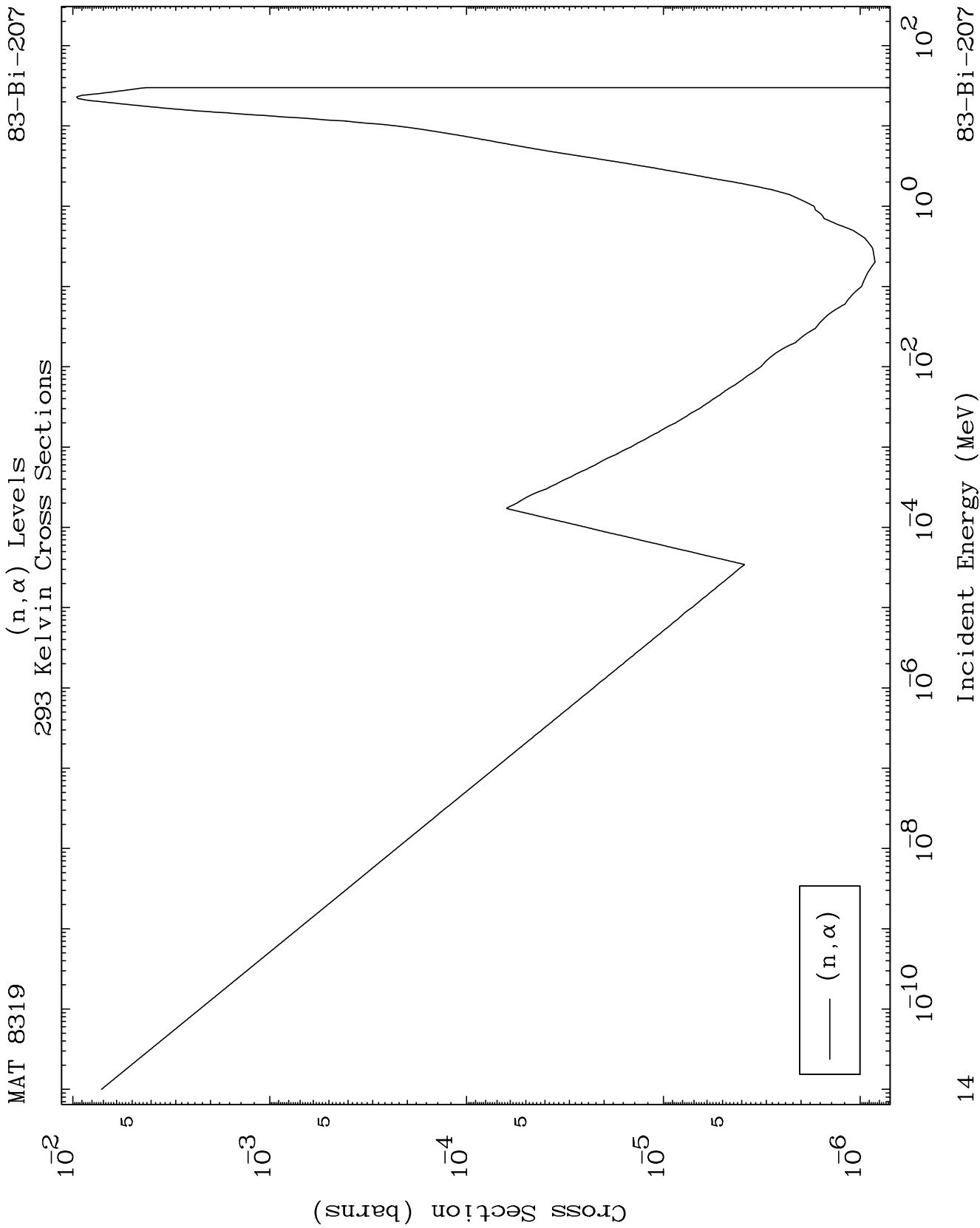
(n,He3) Levels
293 Kelvin Cross Sections

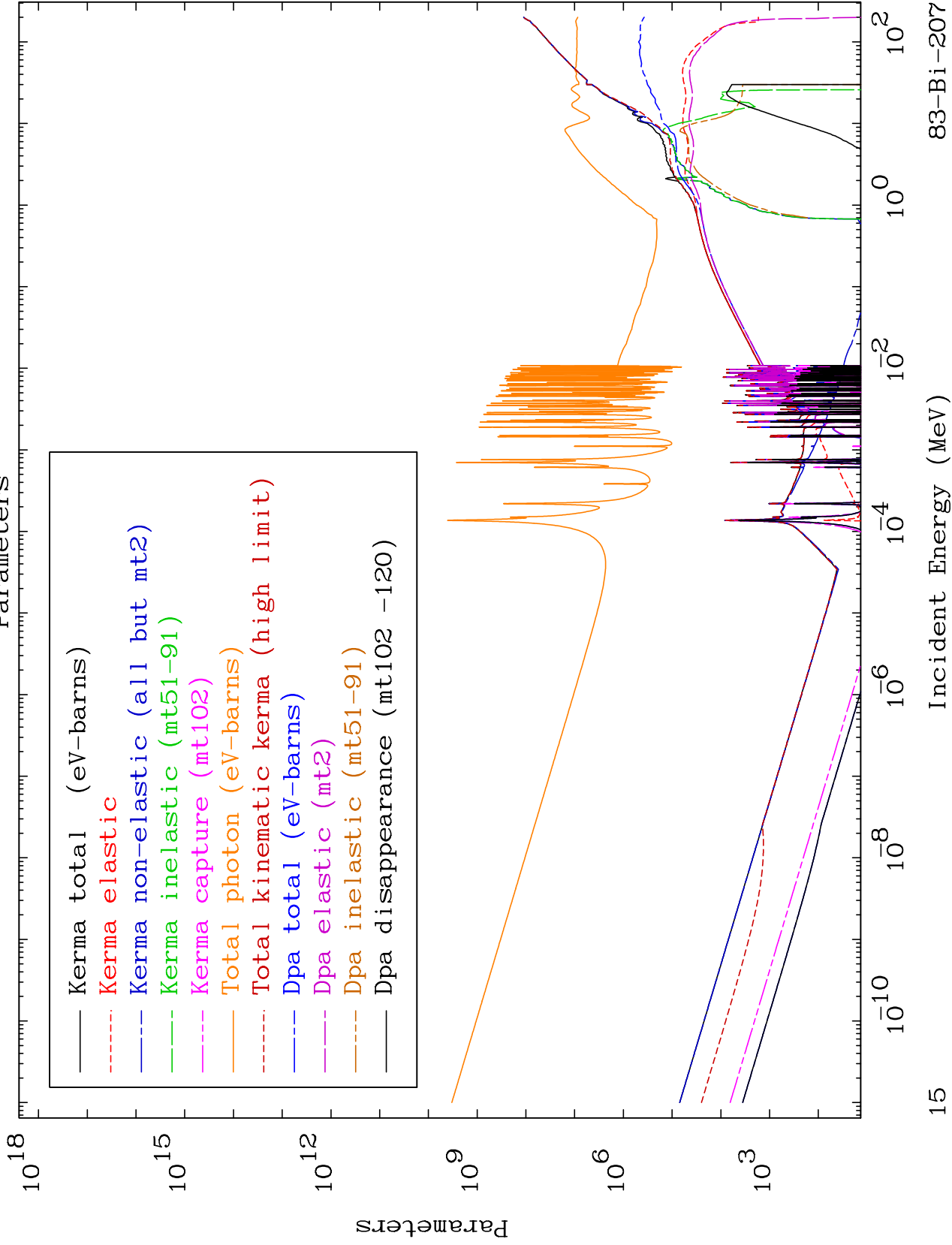
83-Bi-207



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83-Bi-207

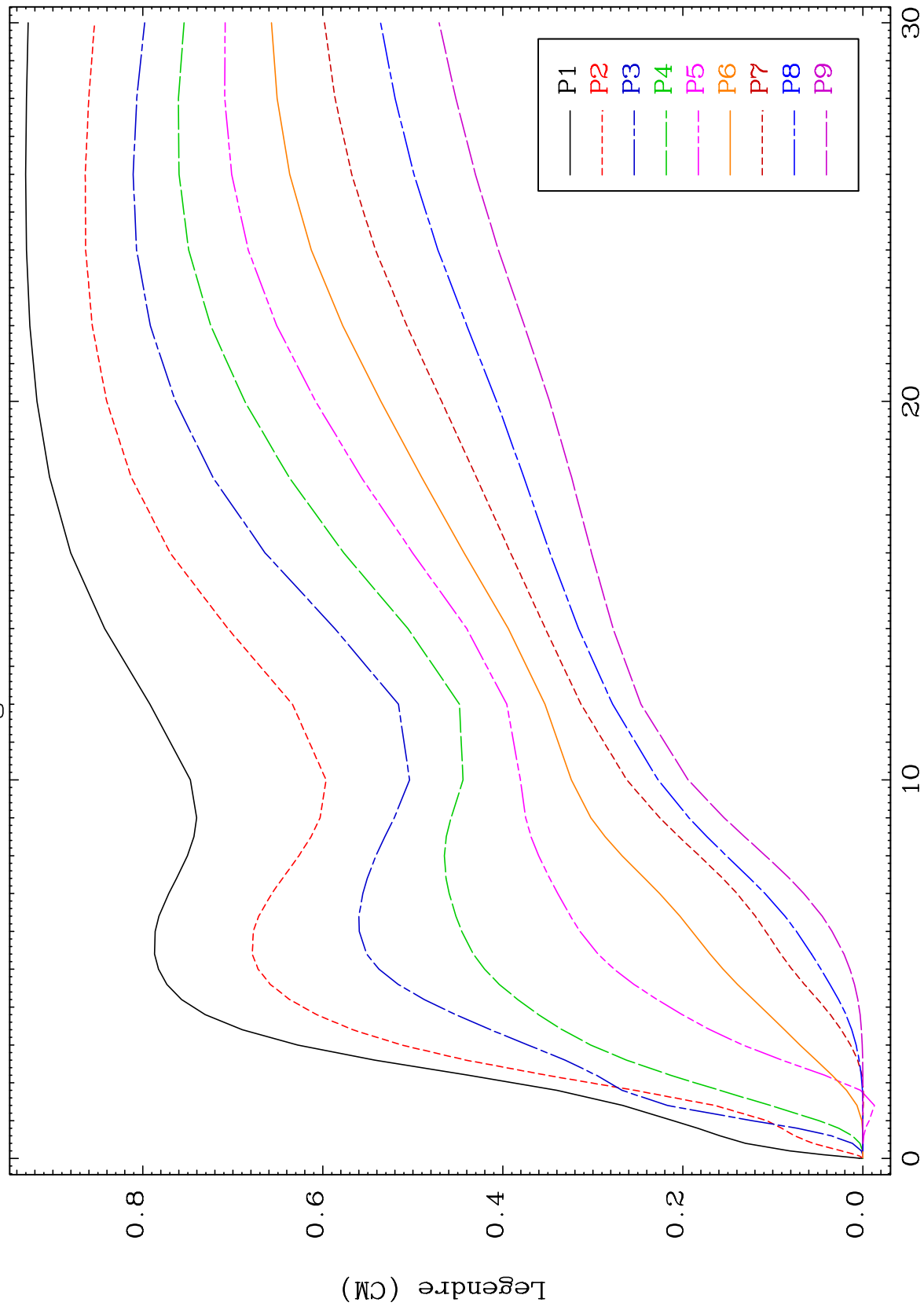




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83-Bi-207

Elastic Legendre Coefficients



83-Bi-207

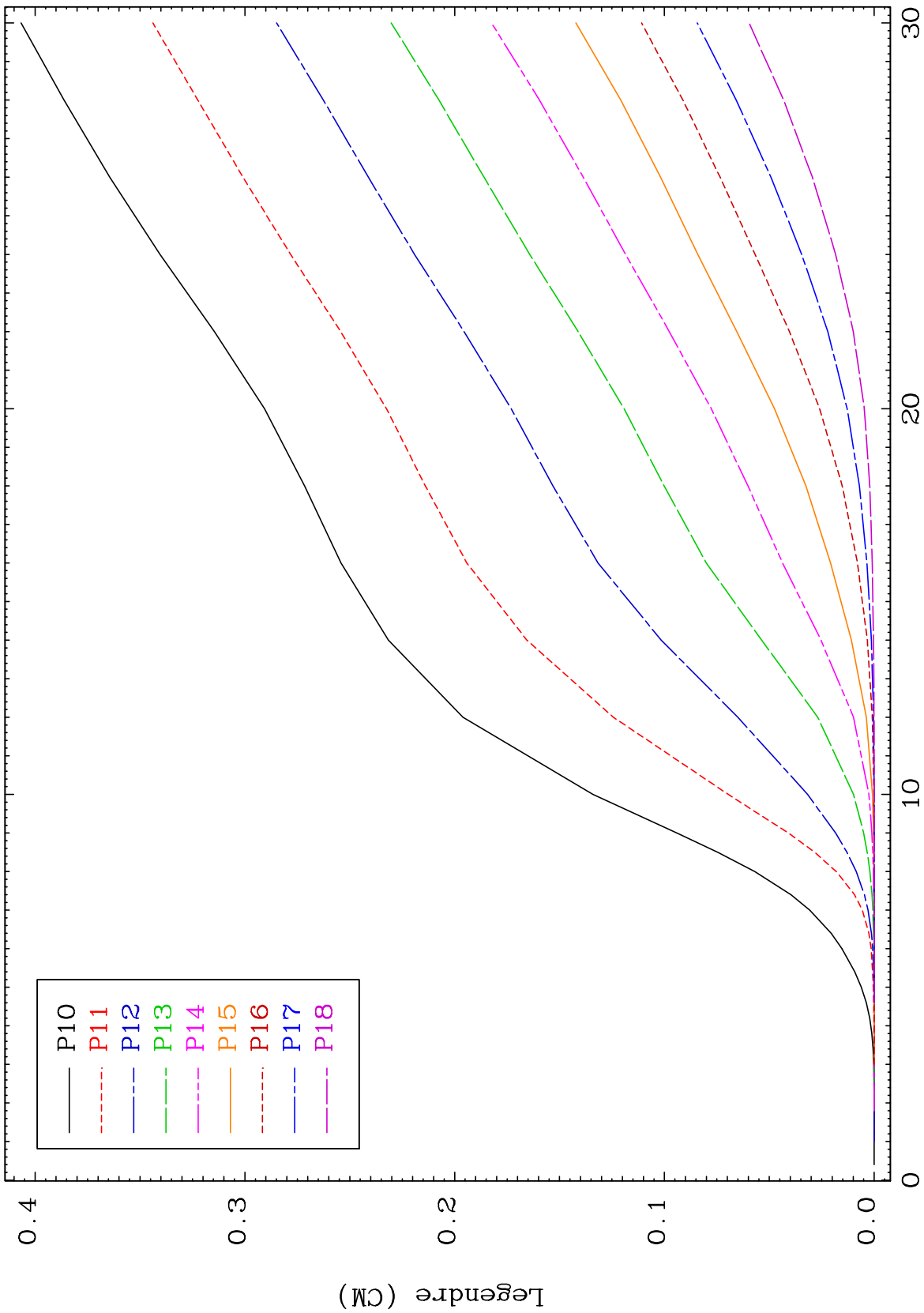
Incident Energy (MeV)

16

MAT 8319

Elastic Legendre Coefficients

83-Bi-207



17

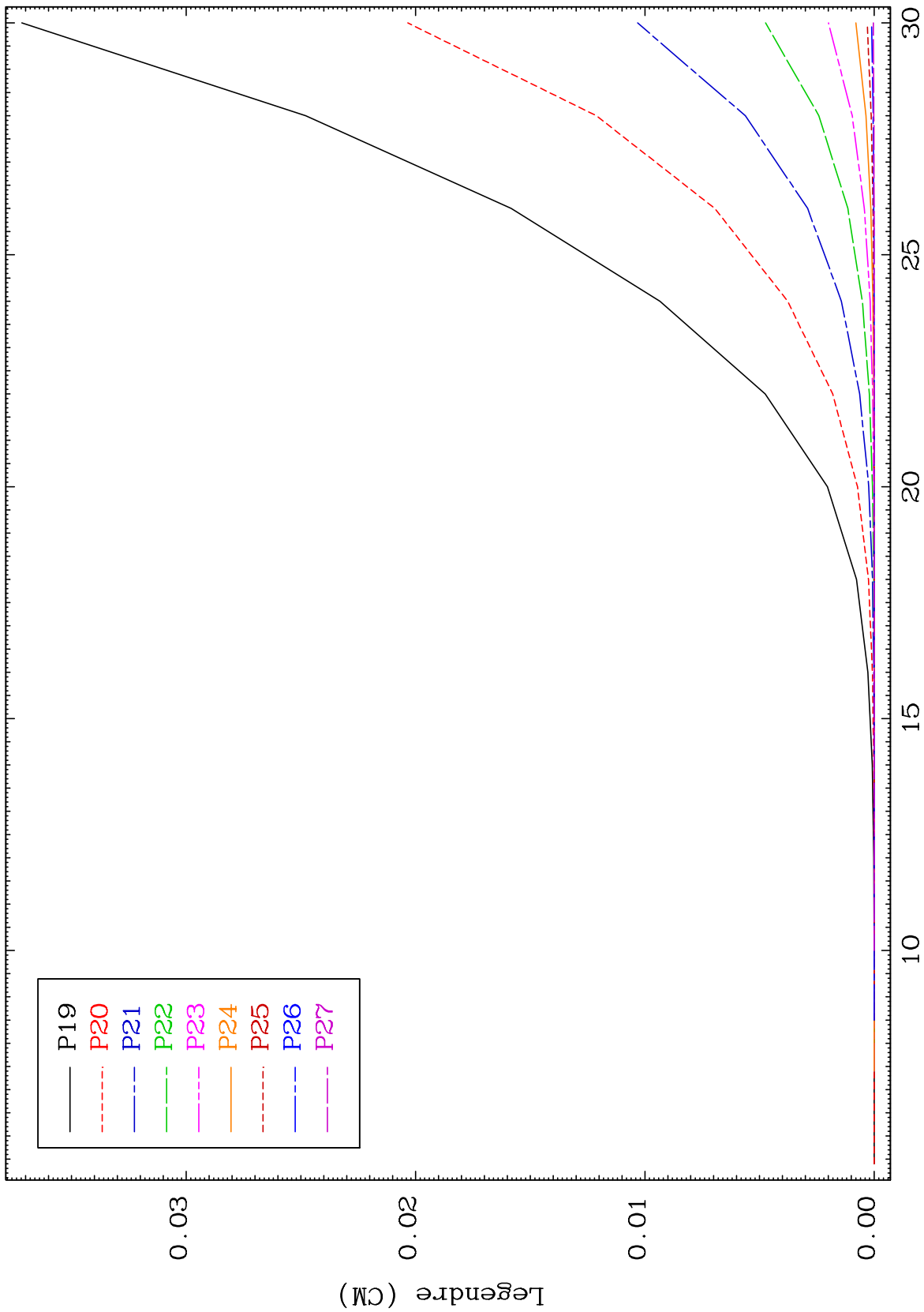
Incident Energy (MeV)

83-Bi-207

MAT 8319

Elastic Legendre Coefficients

83-Bi-207



18

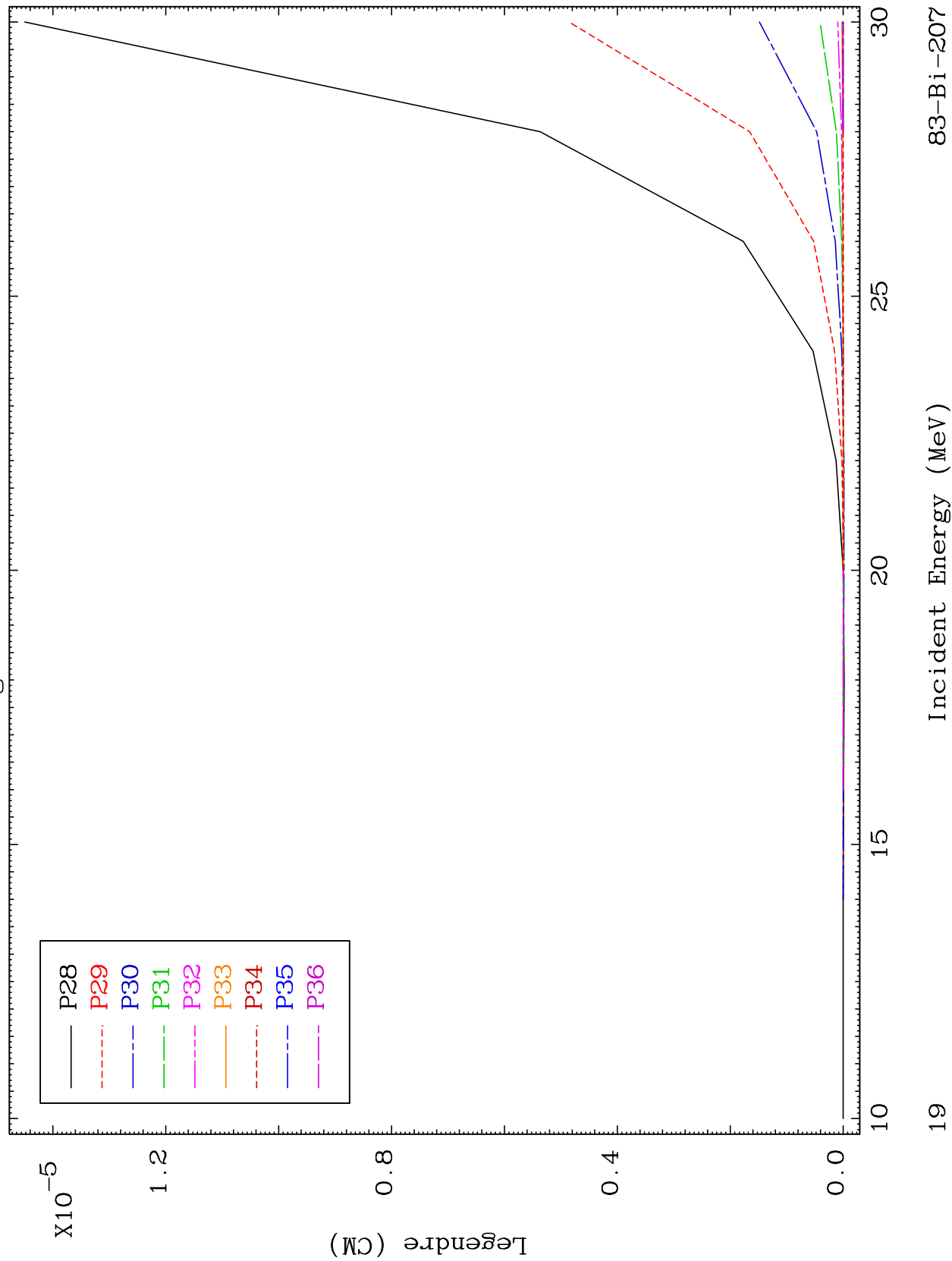
Incident Energy (MeV)

83-Bi-207

MAT 8319

Elastic
Legendre Coefficients

83-Bi-207



19

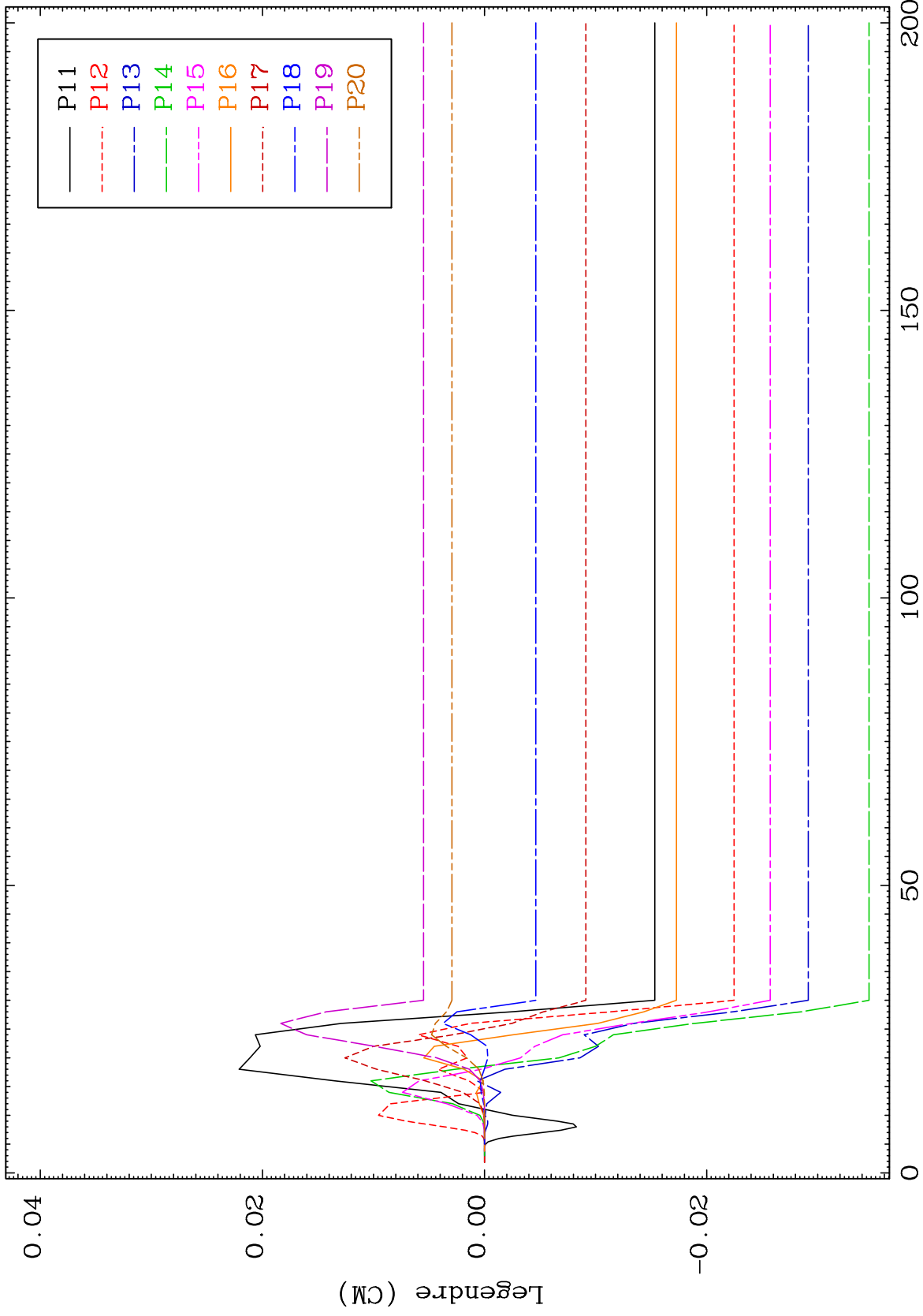
Incident Energy (MeV)

83-Bi-207

MAT 8319

669.8 keV (n,n') Level
Legendre Coefficients

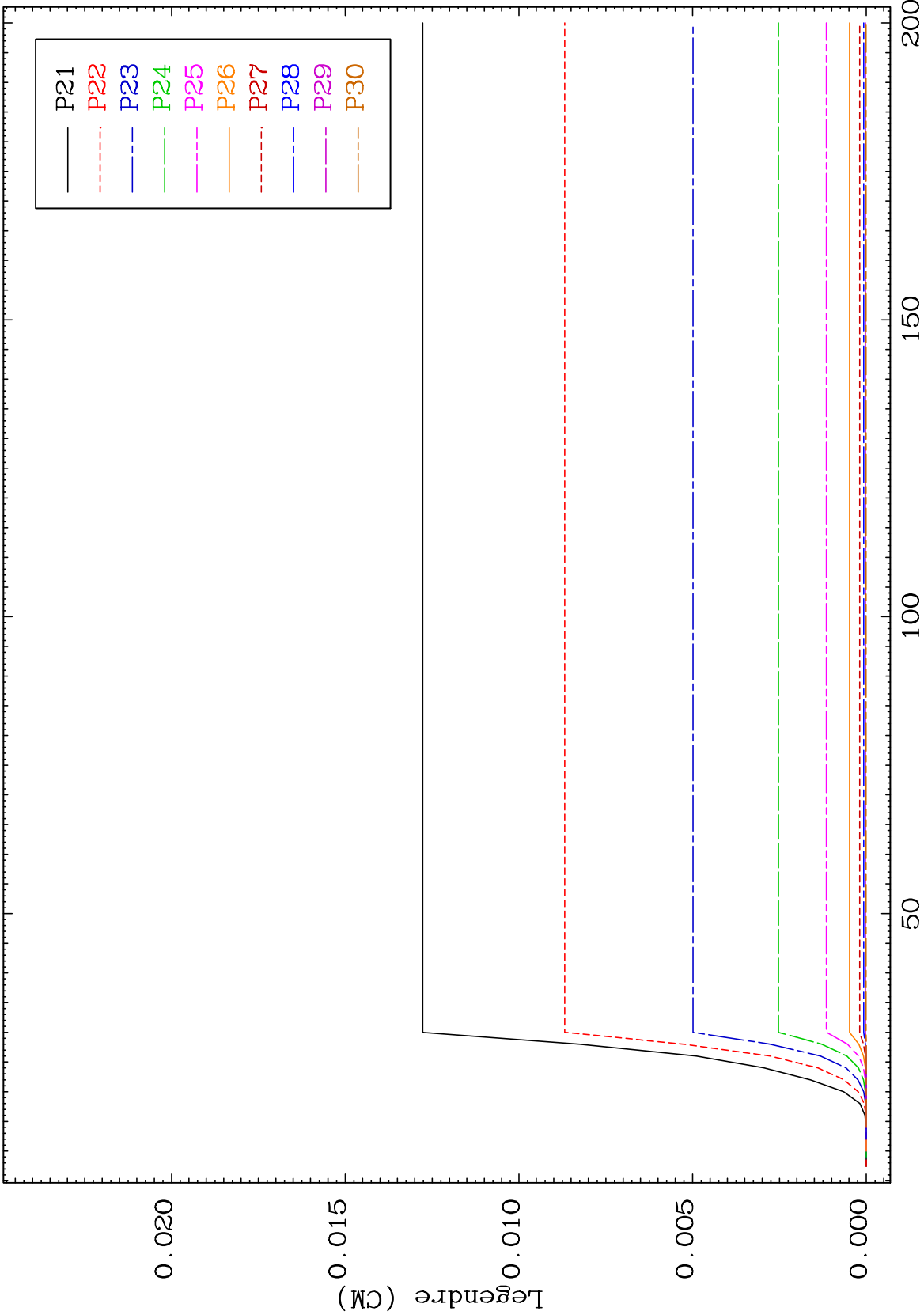
83-Bi-207



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Incident Energy (MeV)

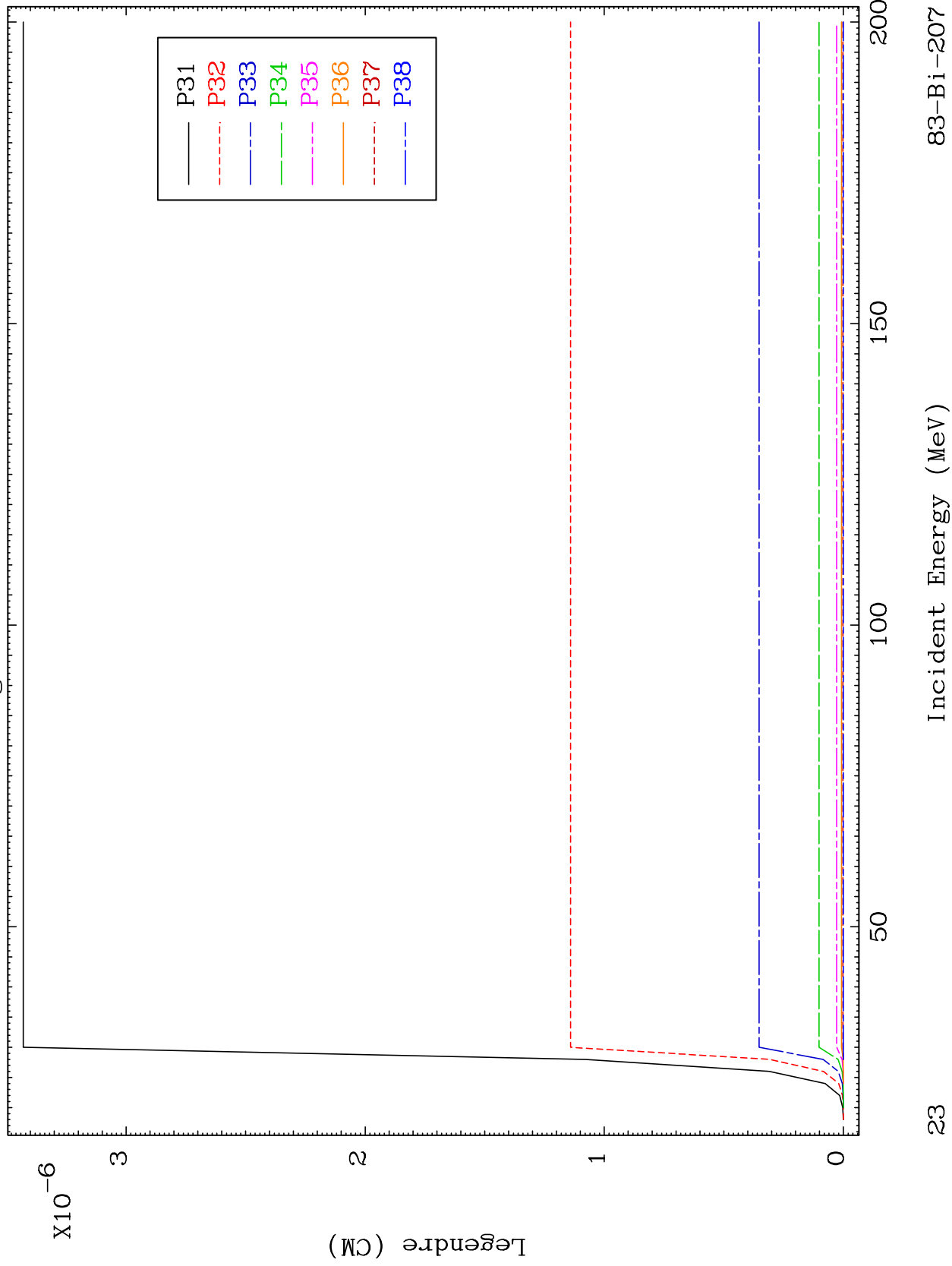
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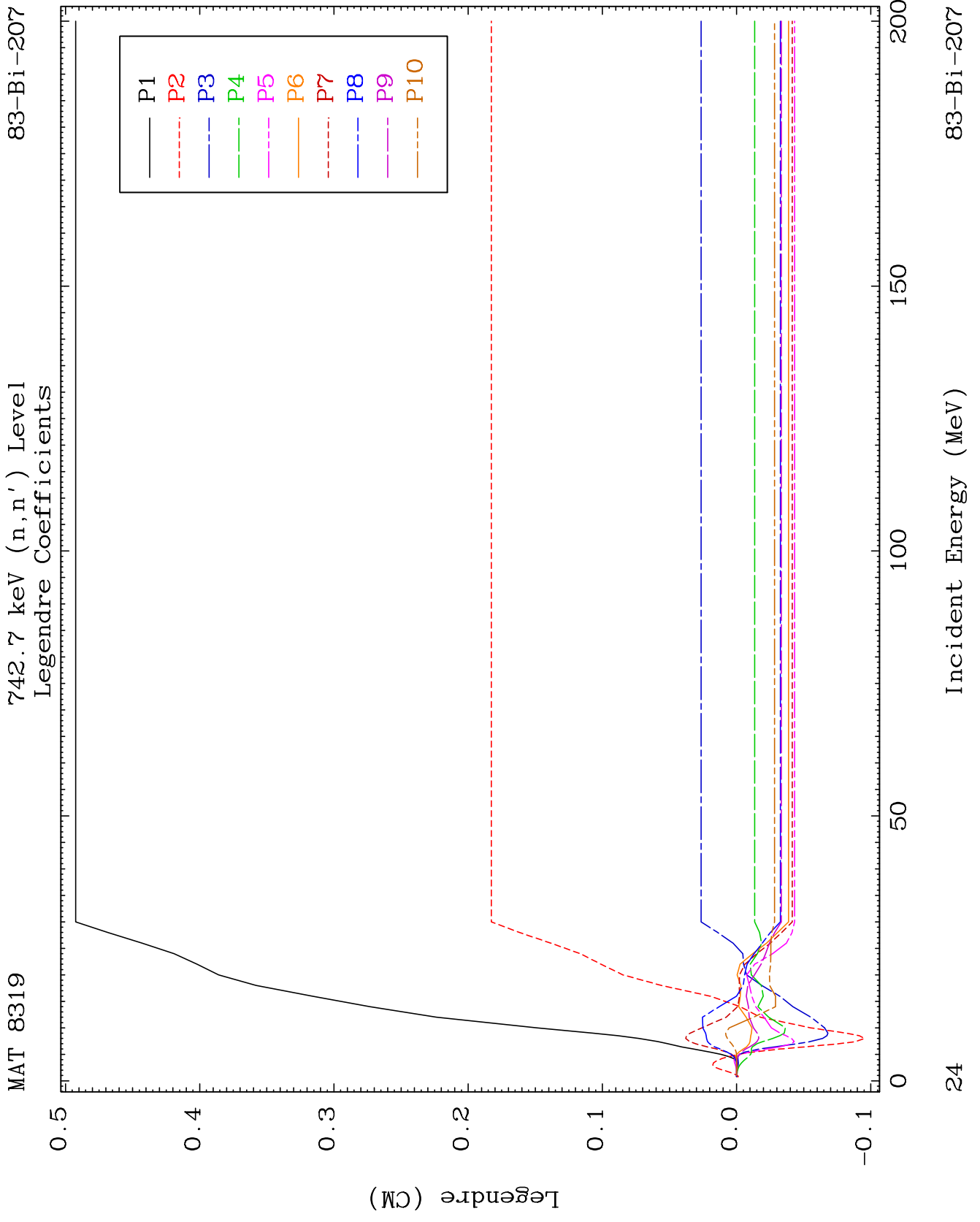
MAT 8319

669.8 keV (n,n') Level
Legendre Coefficients

83-Bi-207



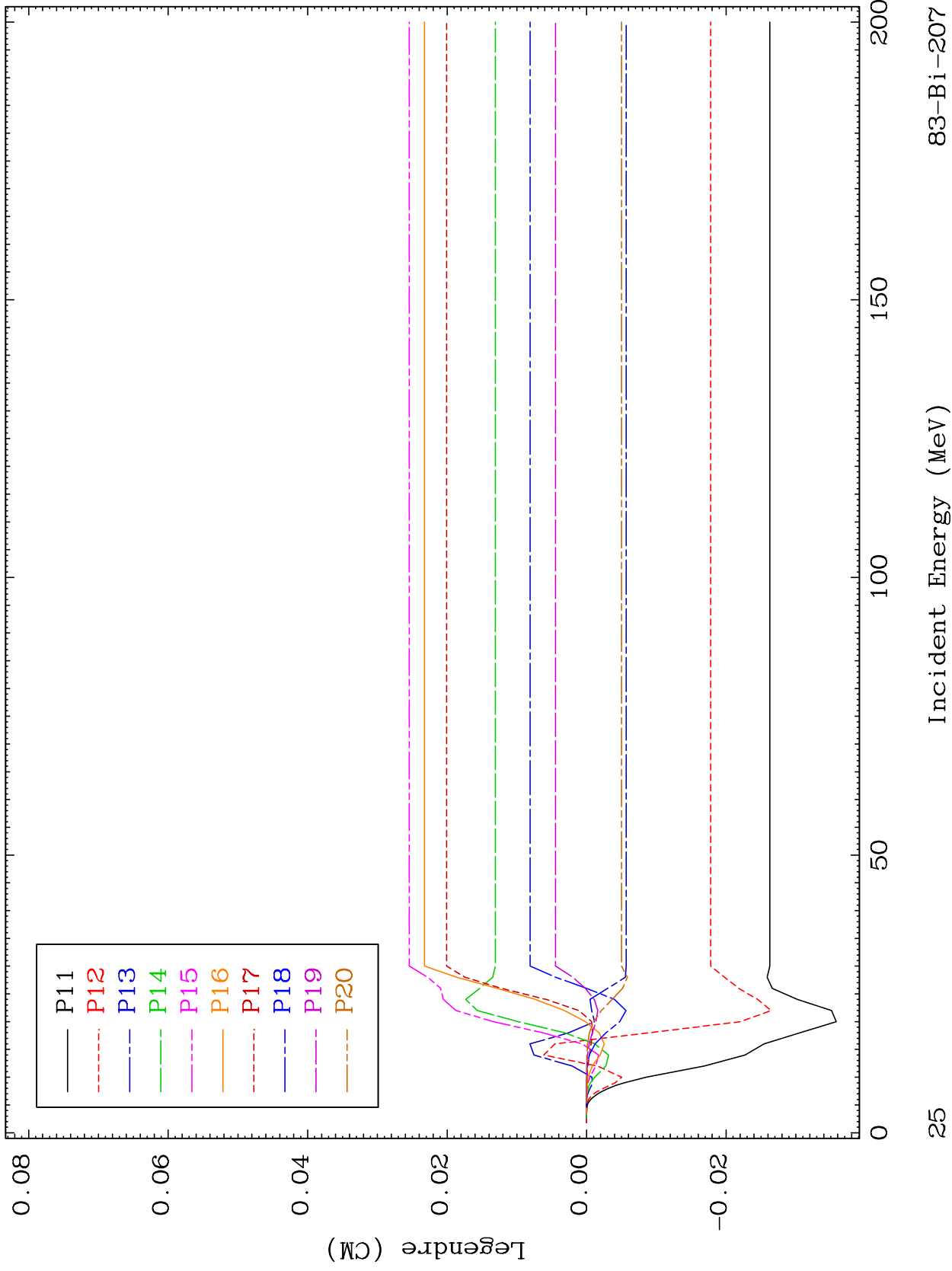
23



MAT 8319

742.7 keV (n,n') Level
Legendre Coefficients

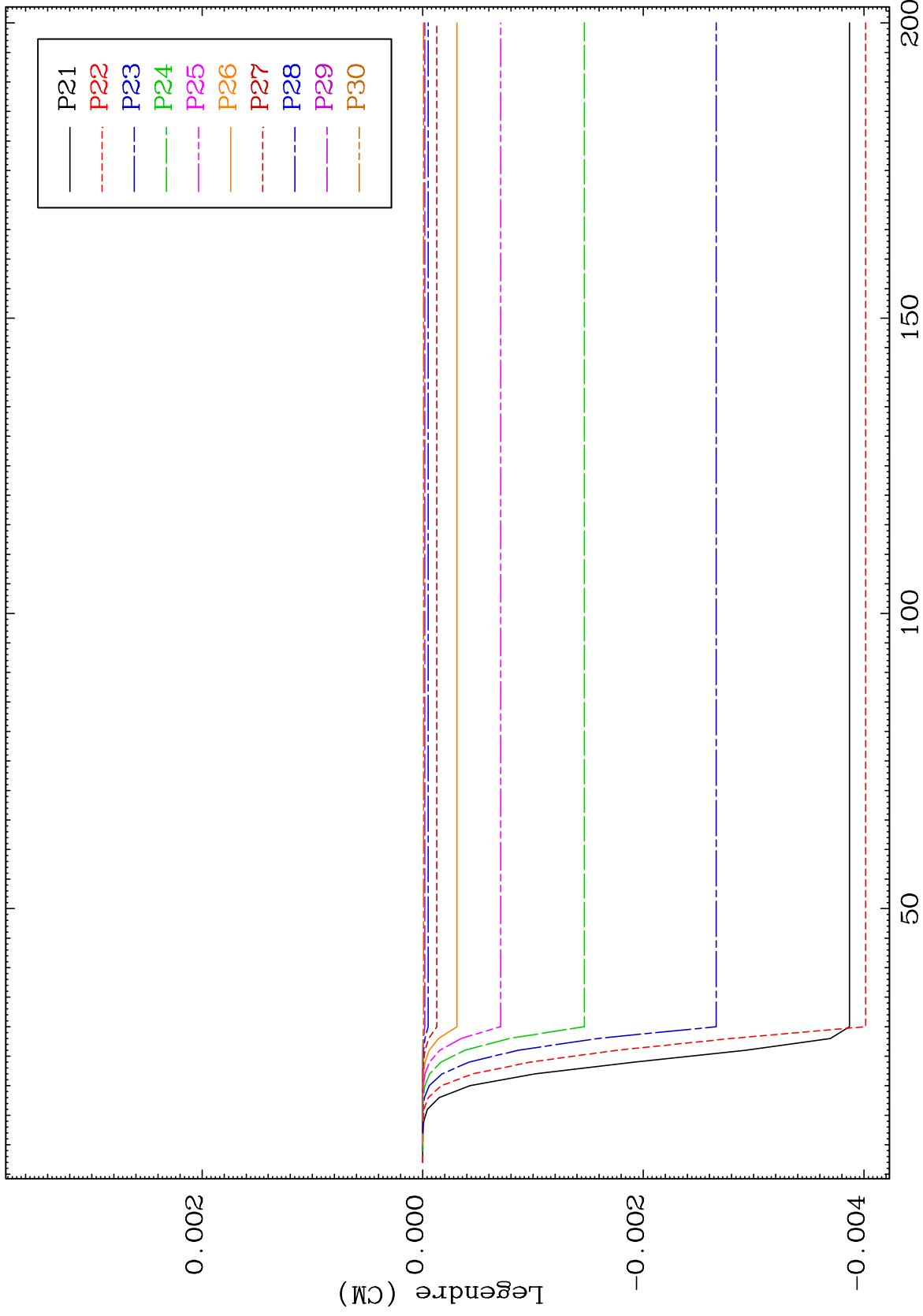
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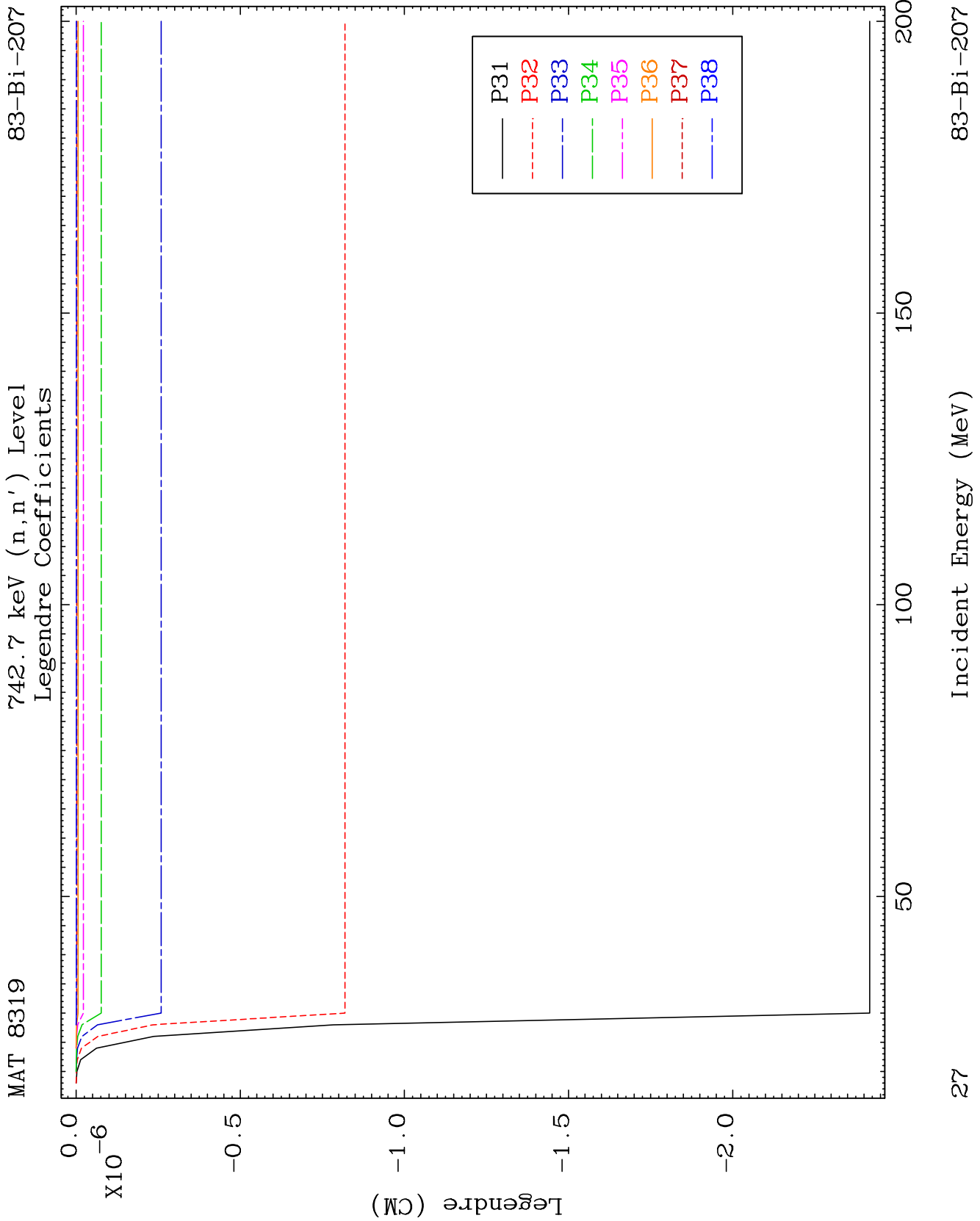


83-Bi-207

Incident Energy (MeV)

25

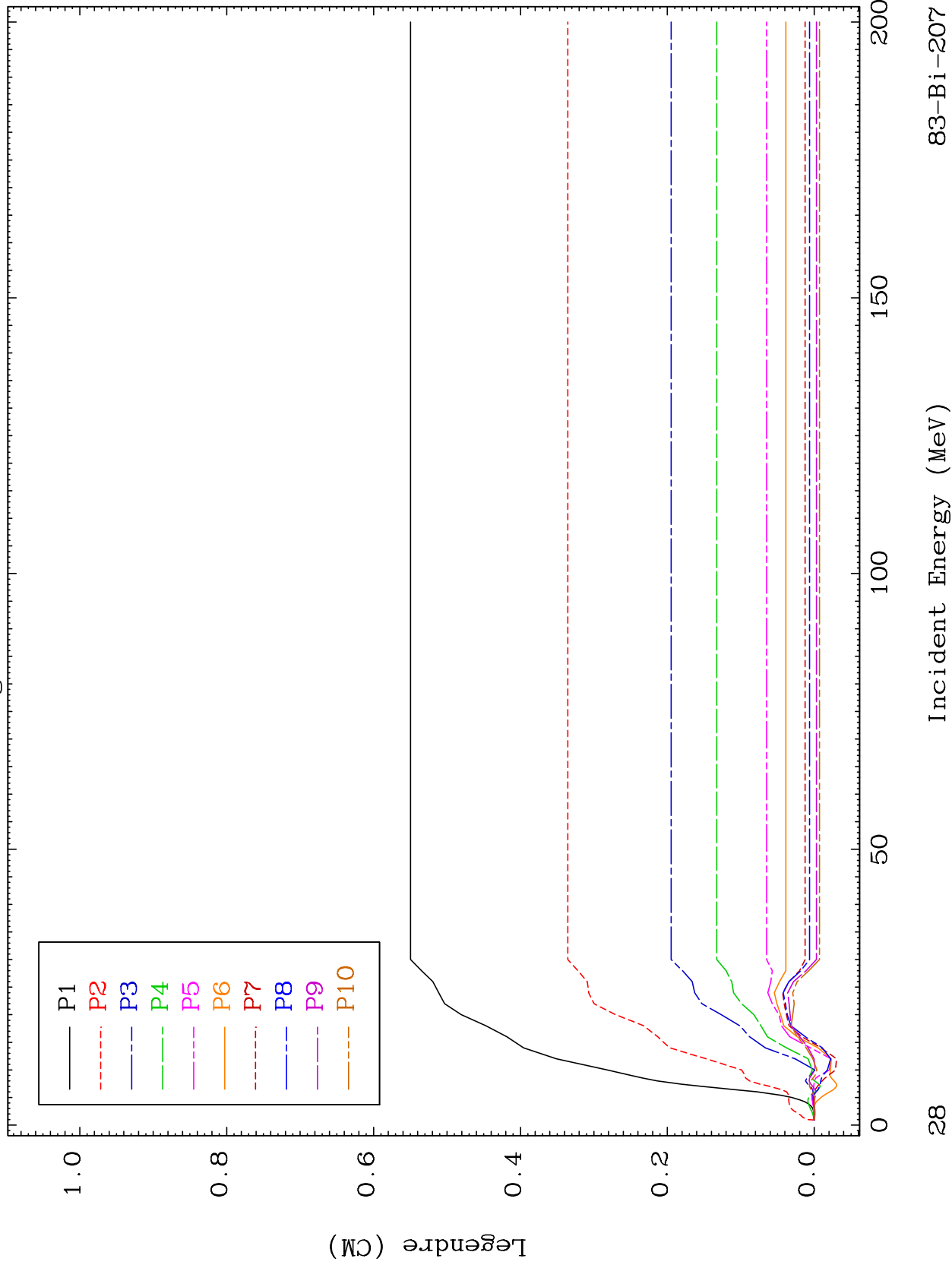




MAT 8319

892.5 keV (n,n') Level
Legendre Coefficients

83-Bi-207

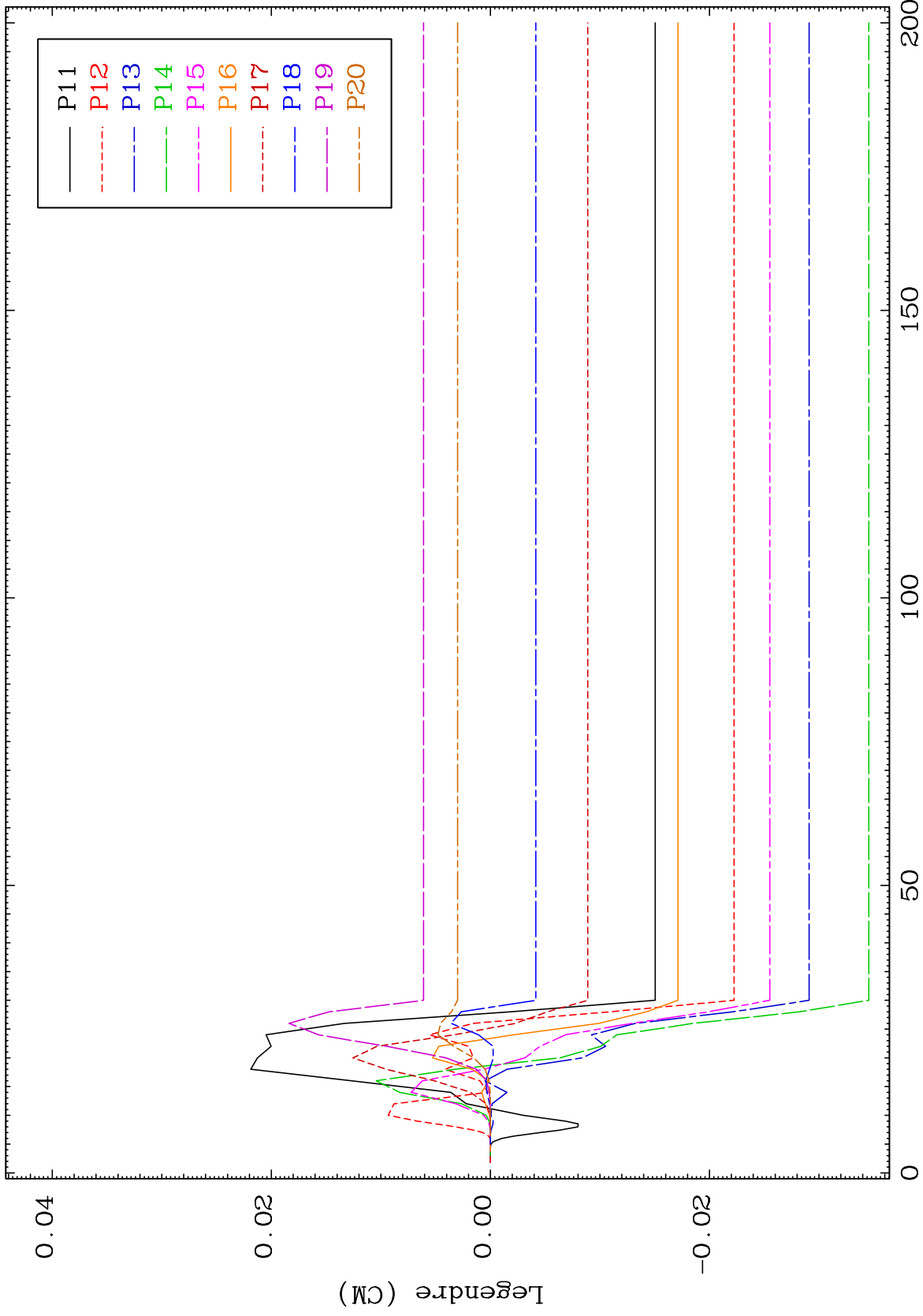


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MAT 8319

892.5 keV (n,n') Level
Legendre Coefficients

83-Bi-207



29

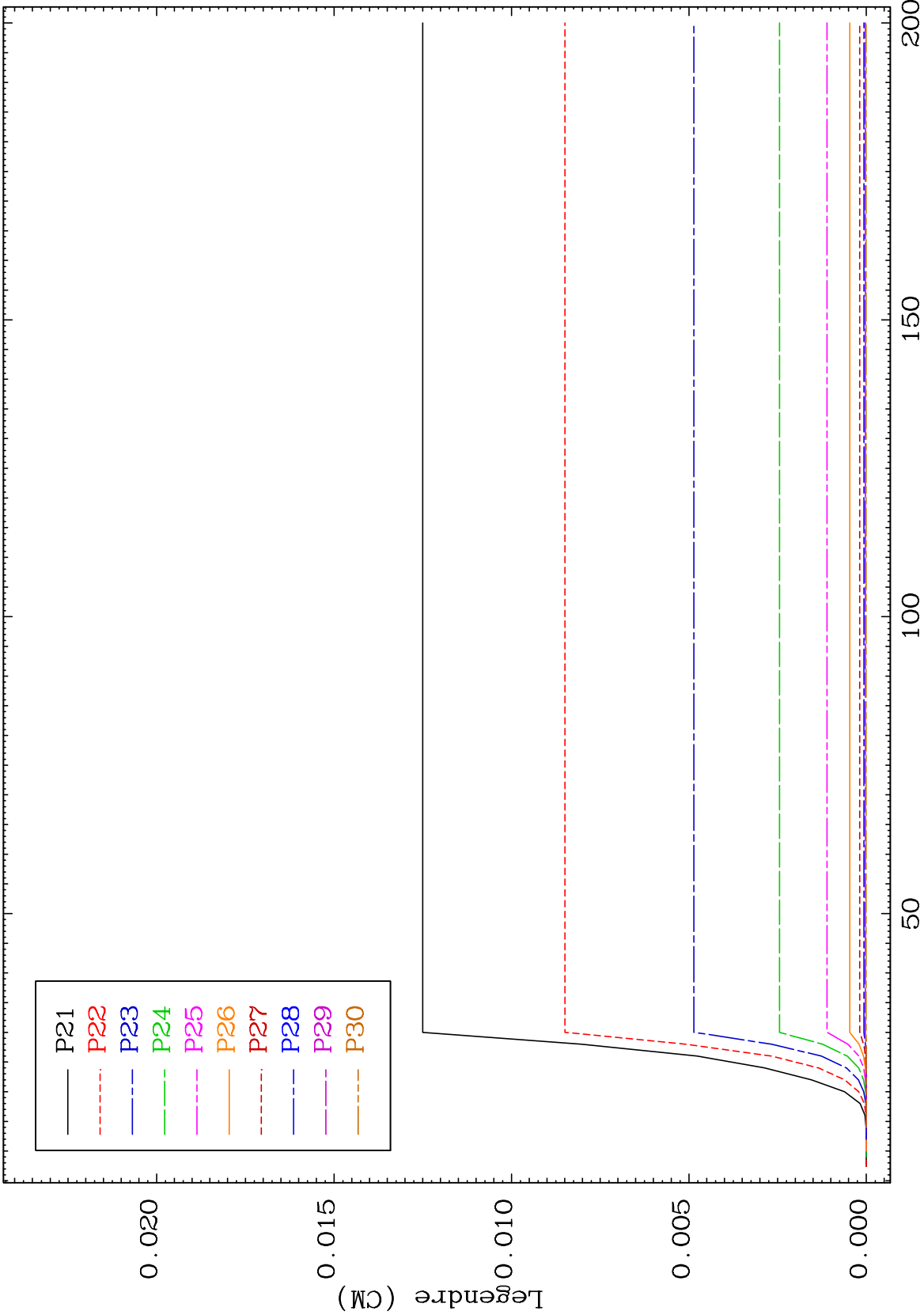
Incident Energy (MeV)

83-Bi-207

MAT 8319

892.5 keV (n,n') Level
Legendre Coefficients

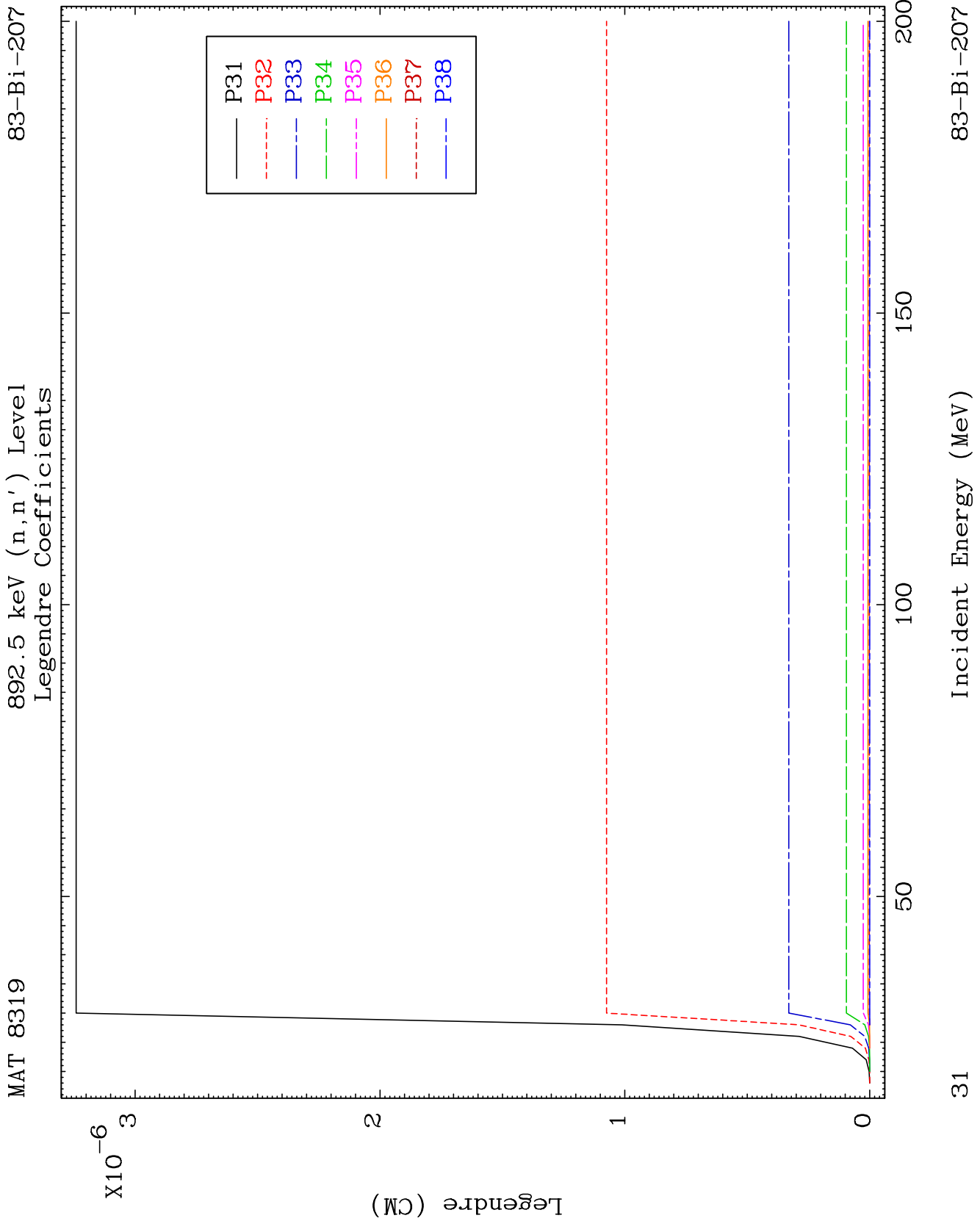
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30

Incident Energy (MeV)

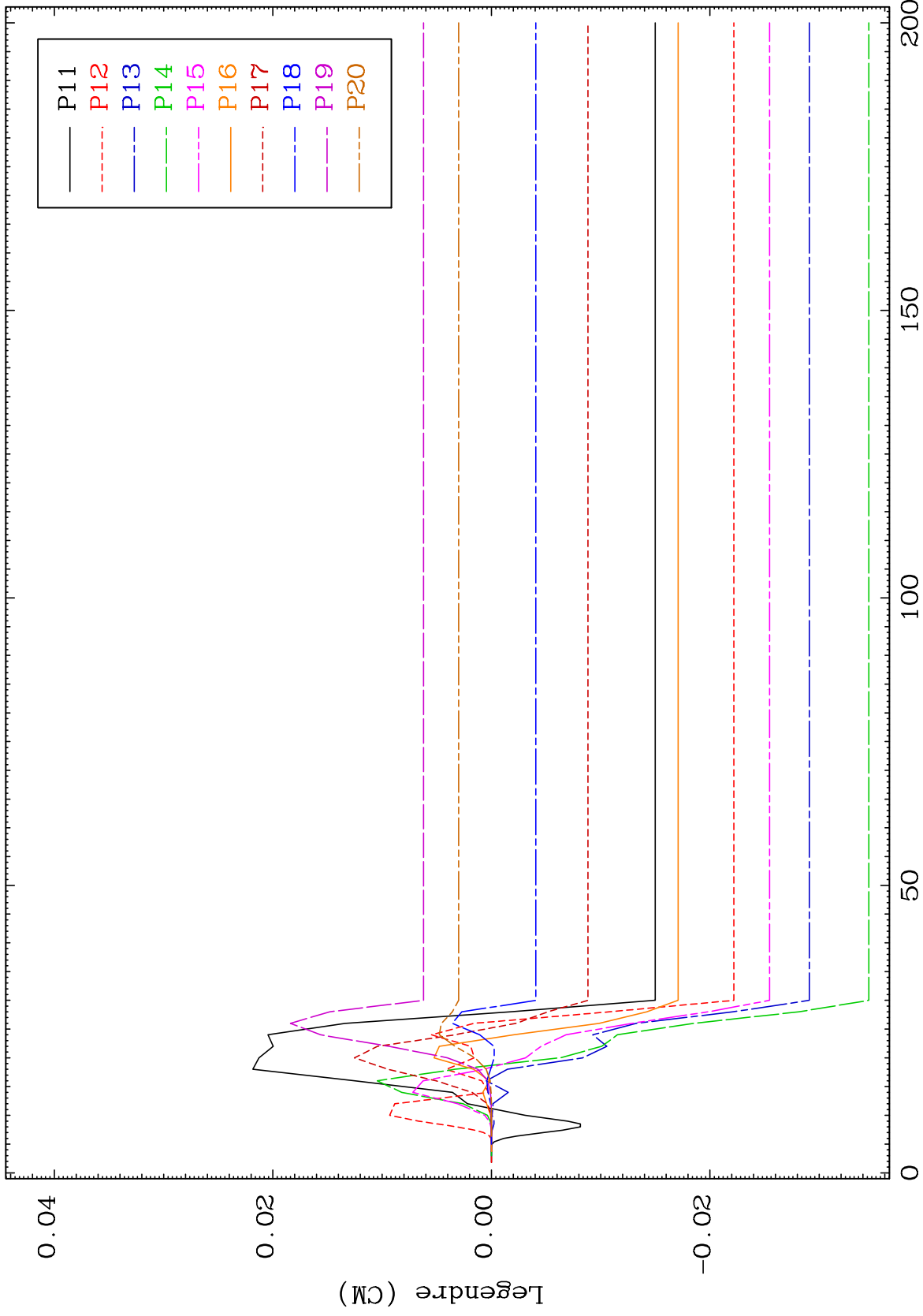
83-Bi-207



MAT 8319

932.0 keV (n,n') Level
Legendre Coefficients

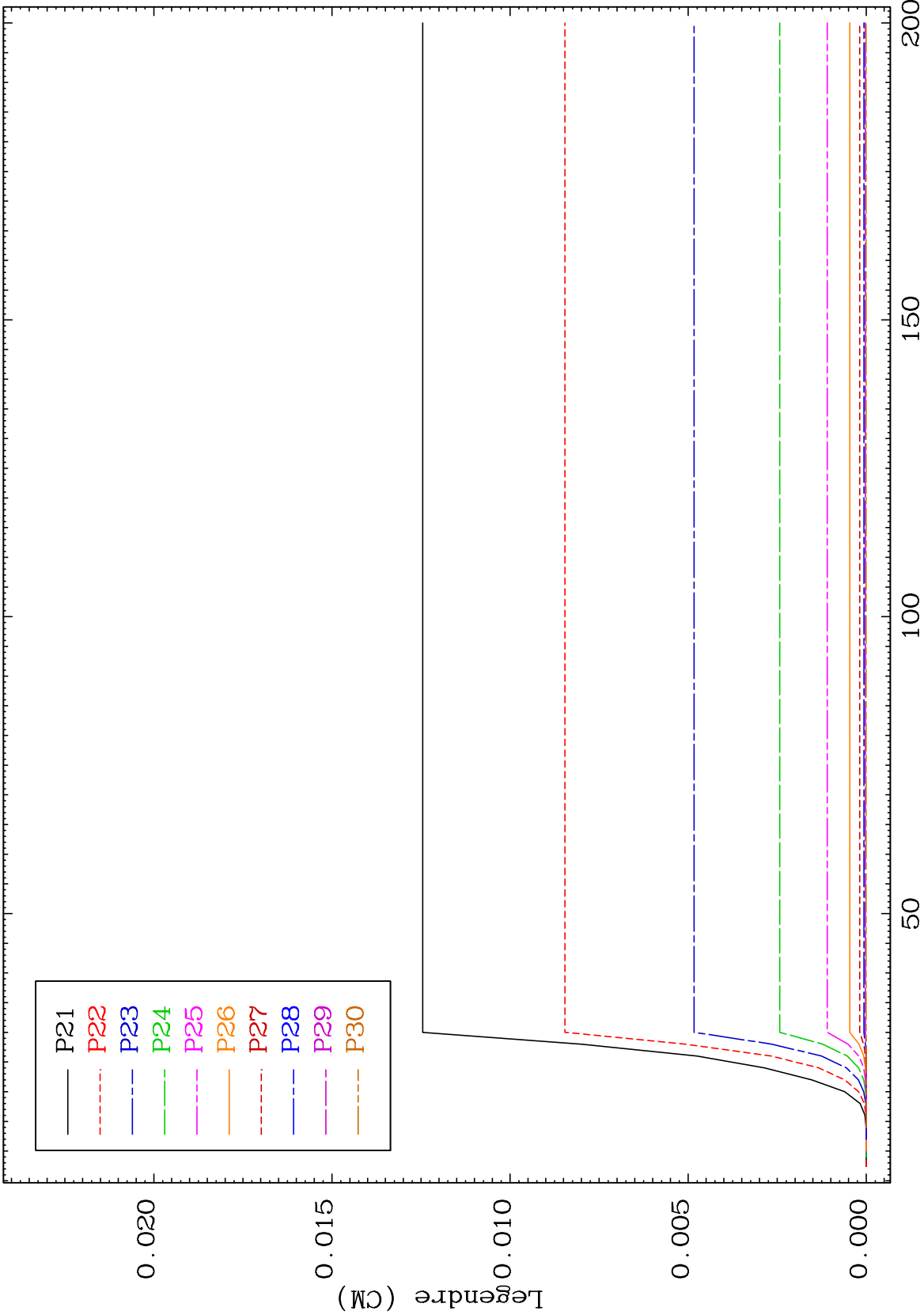
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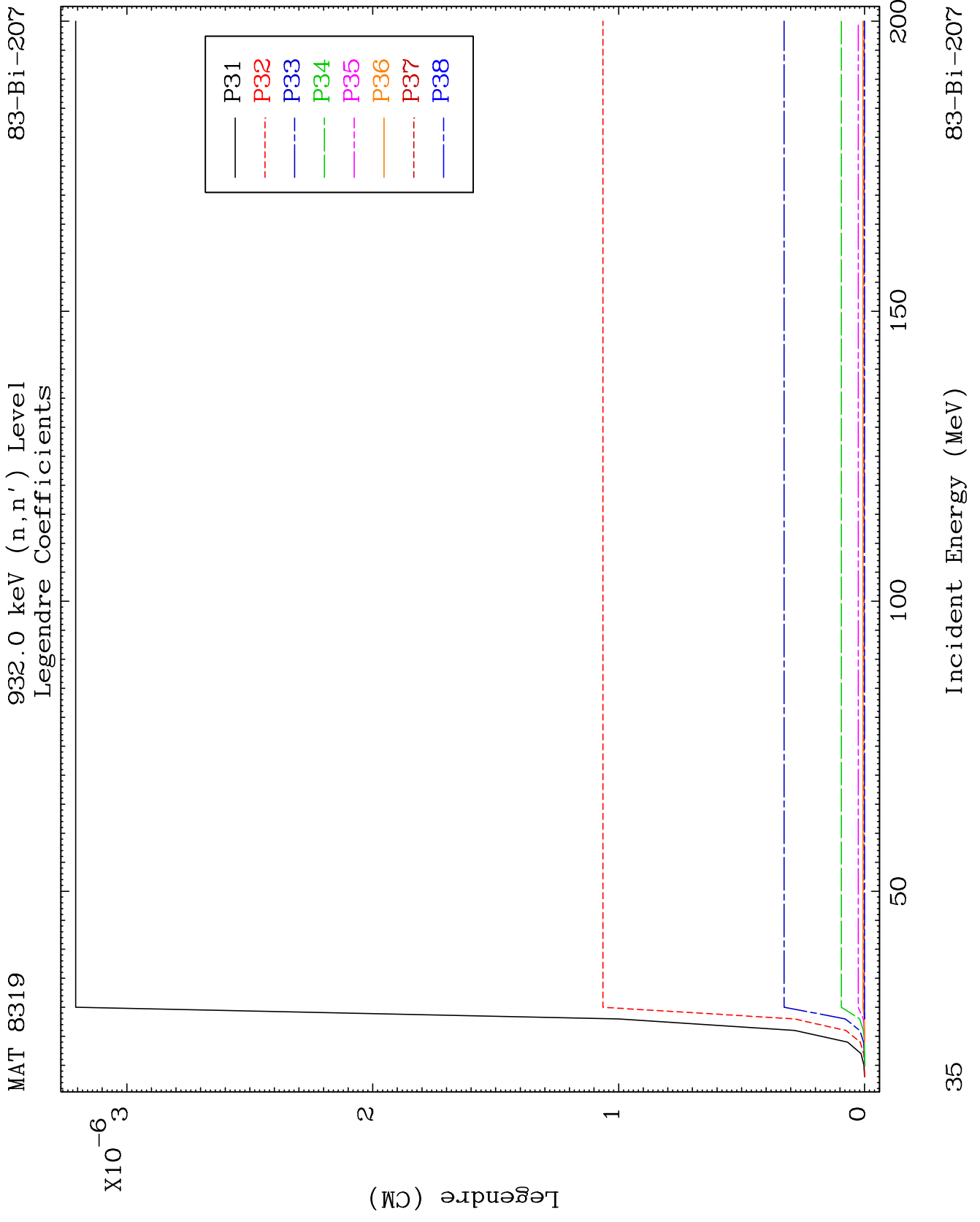


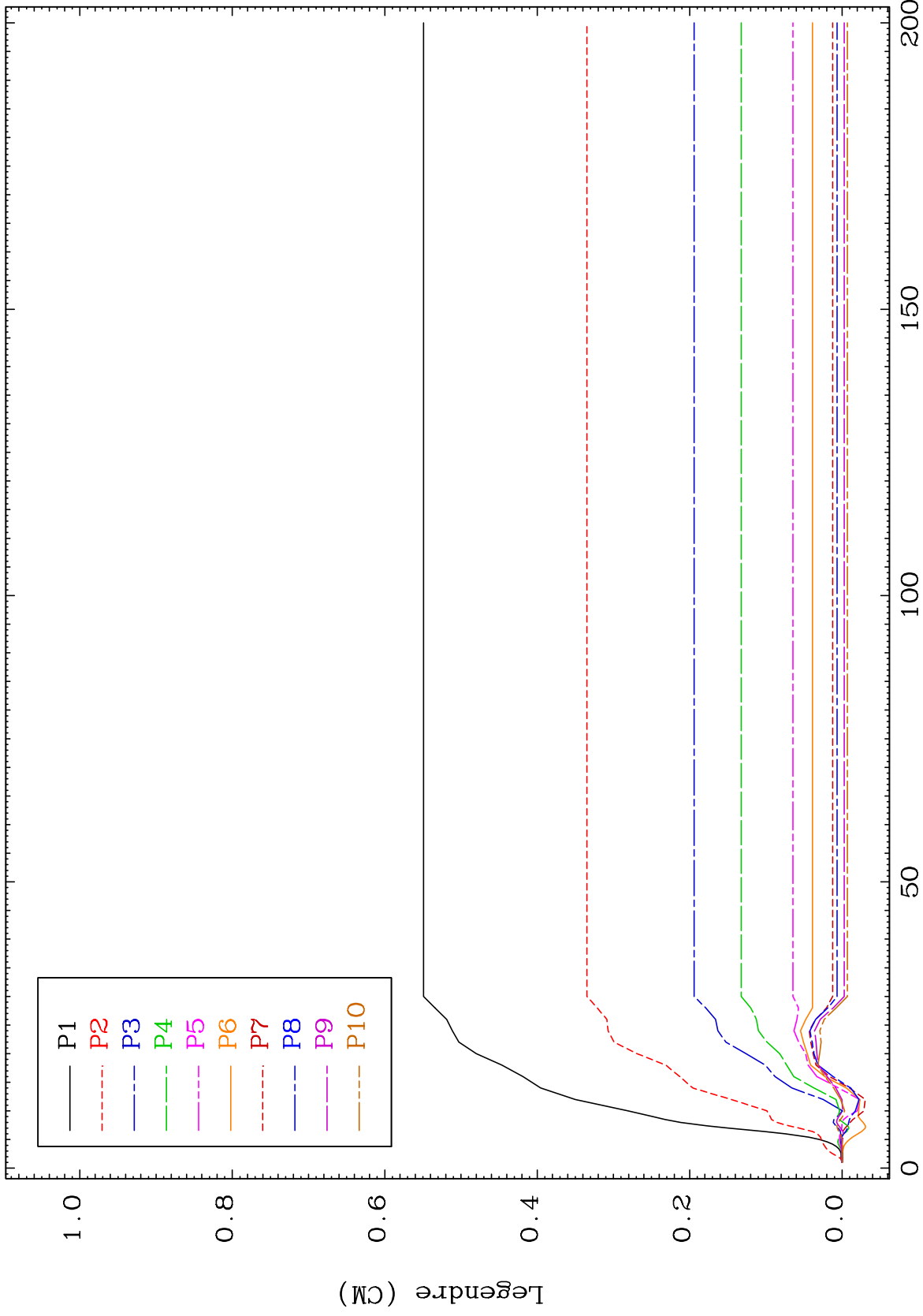
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Incident Energy (MeV)

83-Bi-207



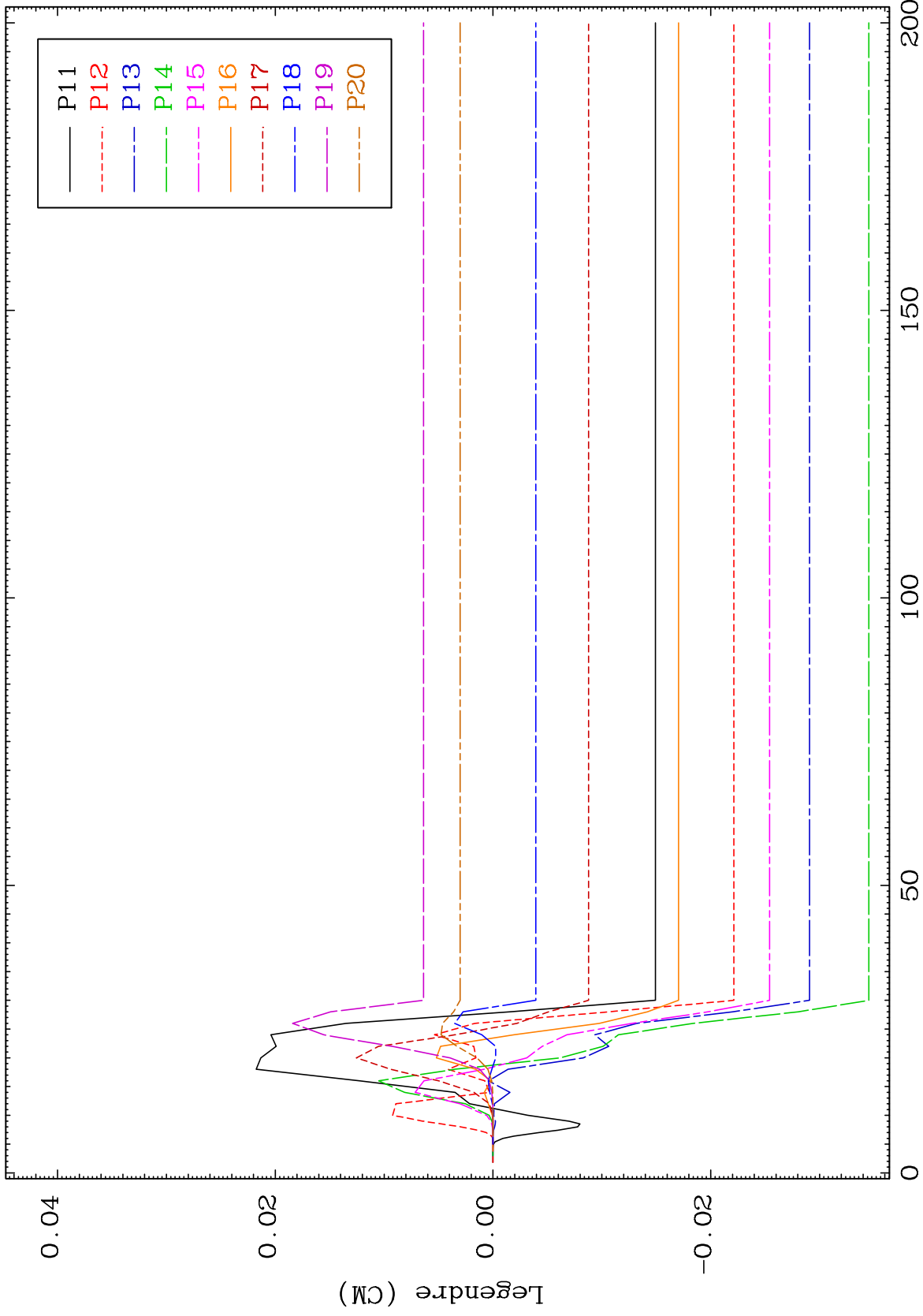




MAT 8319

992.4 keV (n,n') Level
Legendre Coefficients

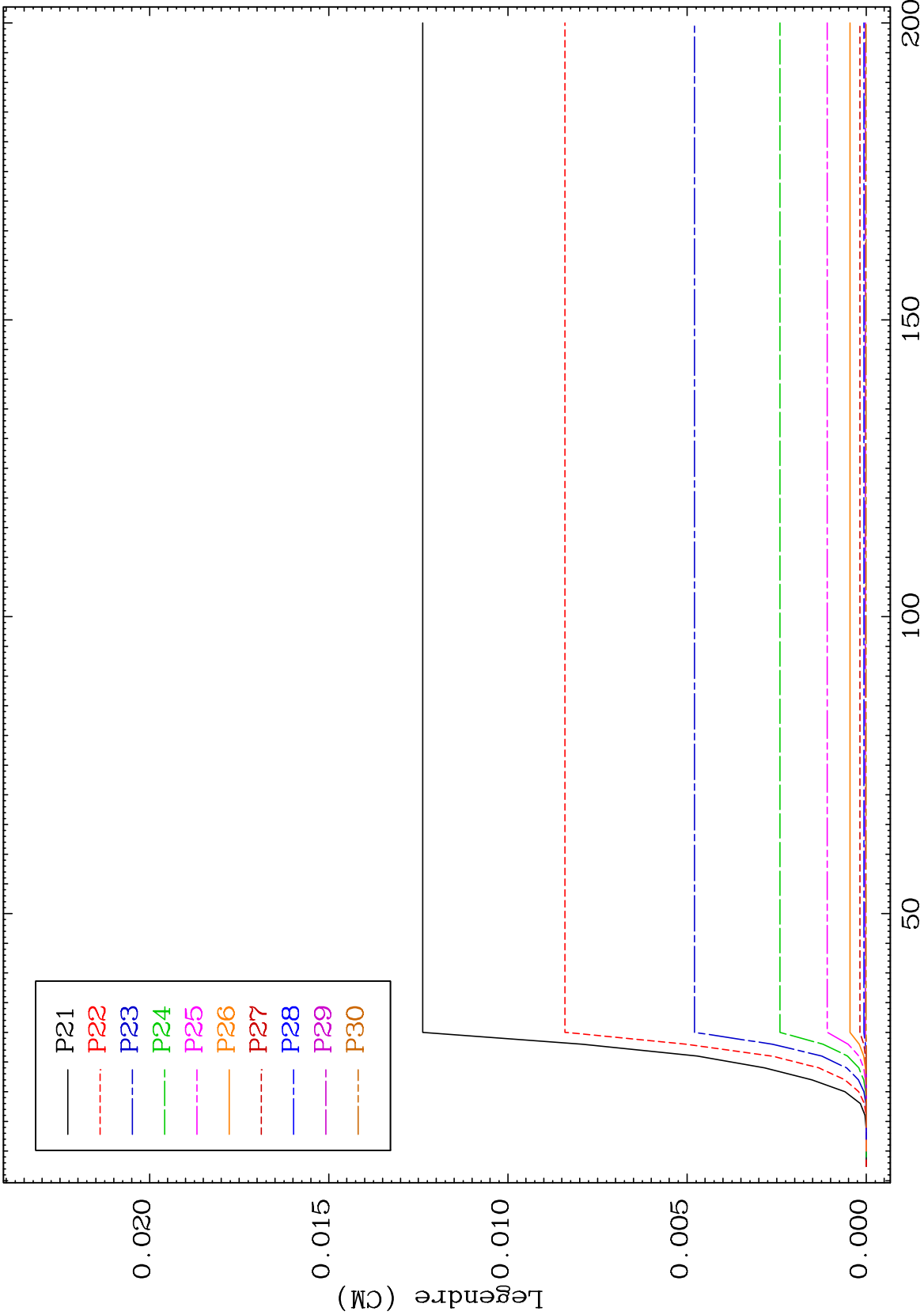
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Incident Energy (MeV)

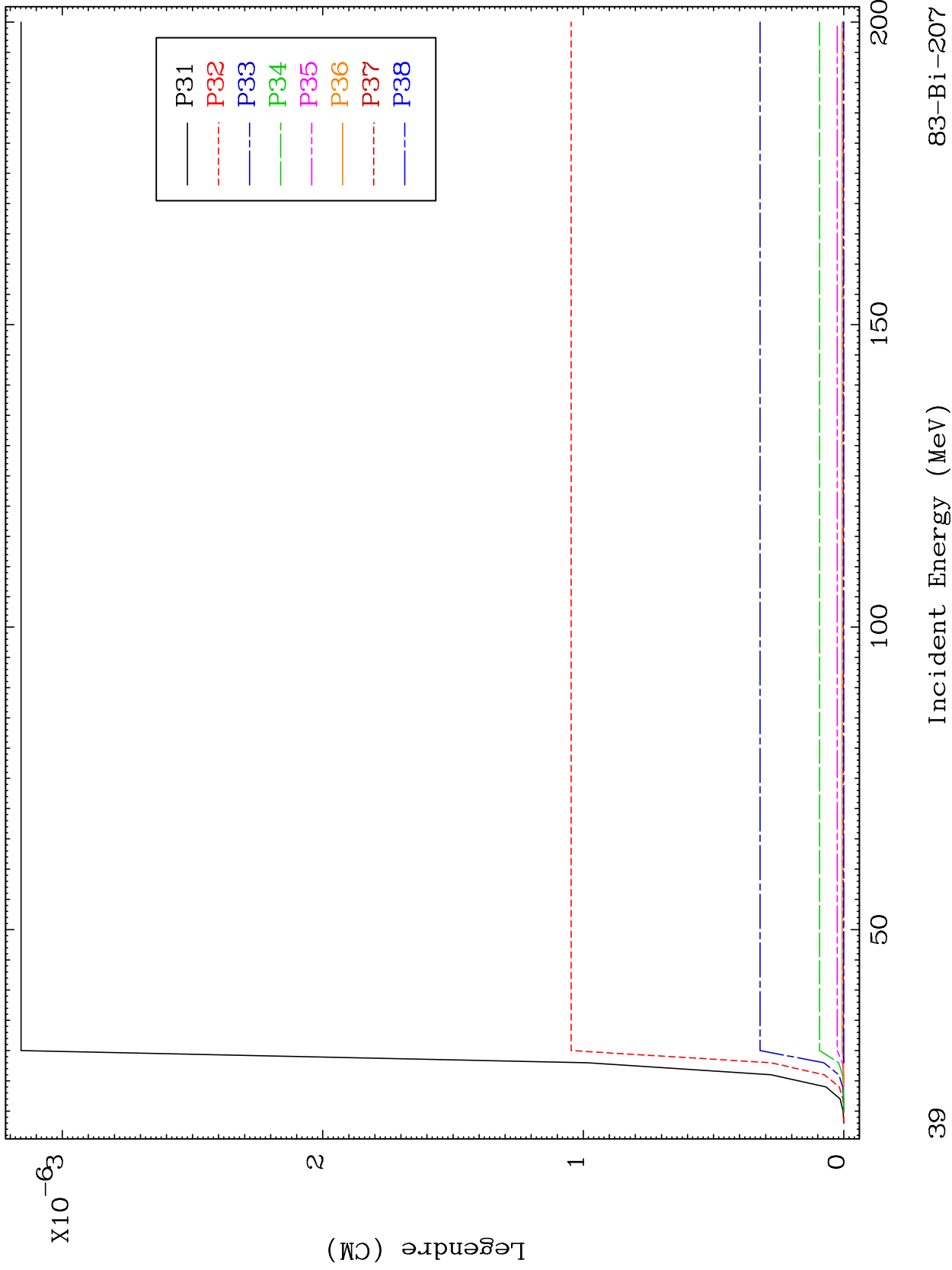
83-Bi-207



MAT 8319

992.4 keV (n,n') Level
Legendre Coefficients

83-Bi-207



39

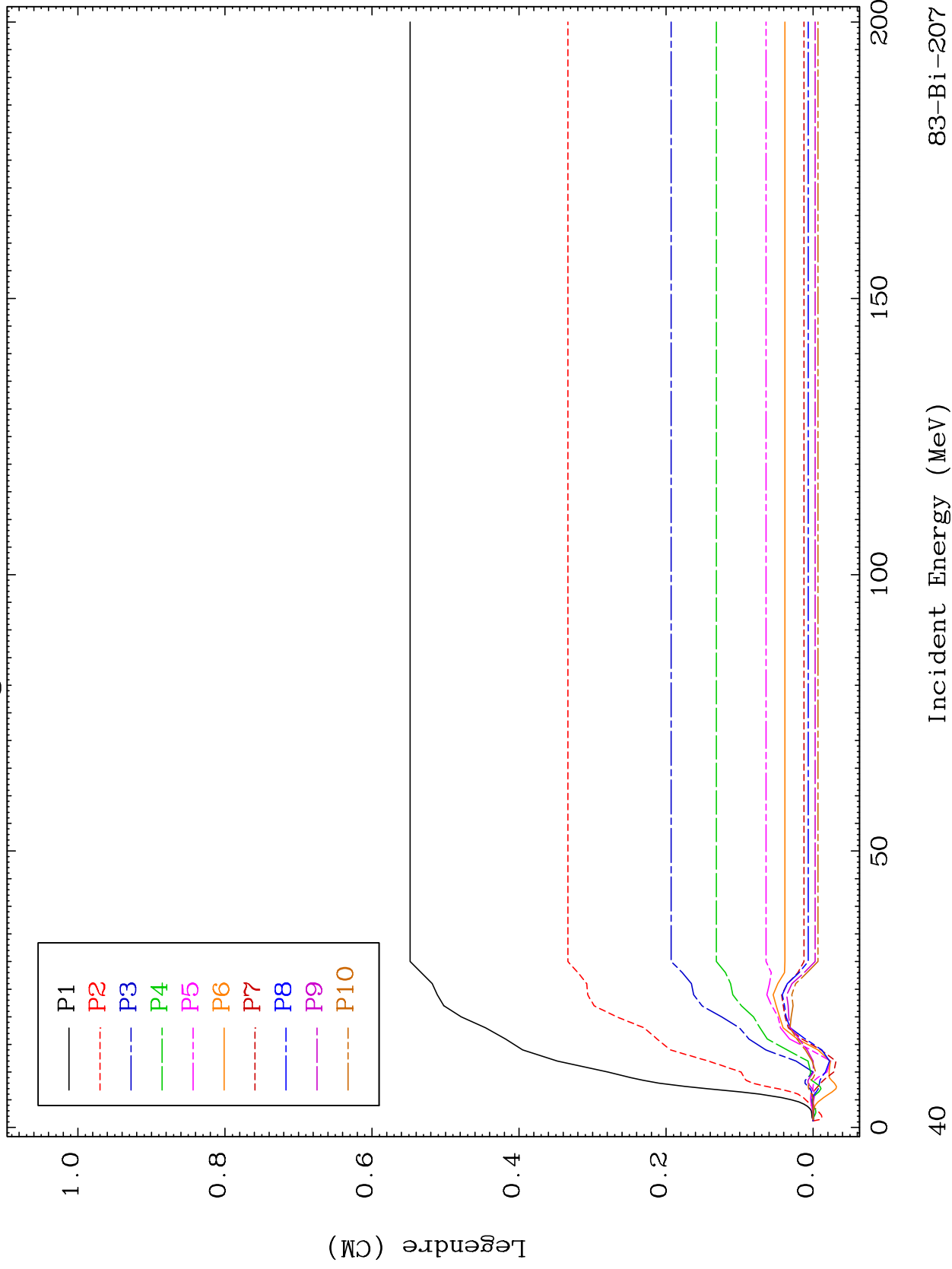
Incident Energy (MeV)

83-Bi-207

MAT 8319

1.148 MeV (n,n') Level
Legendre Coefficients

83-Bi-207

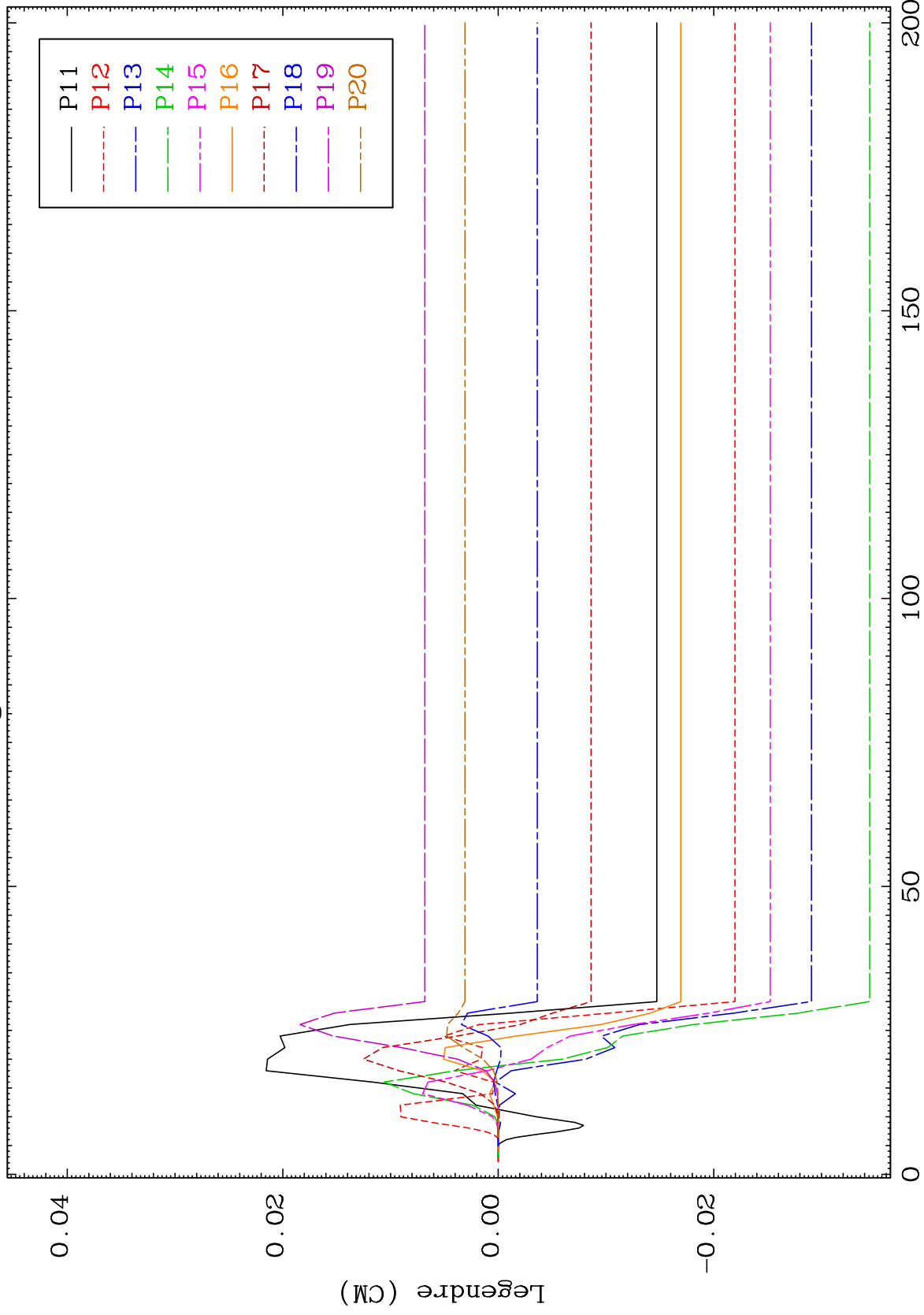


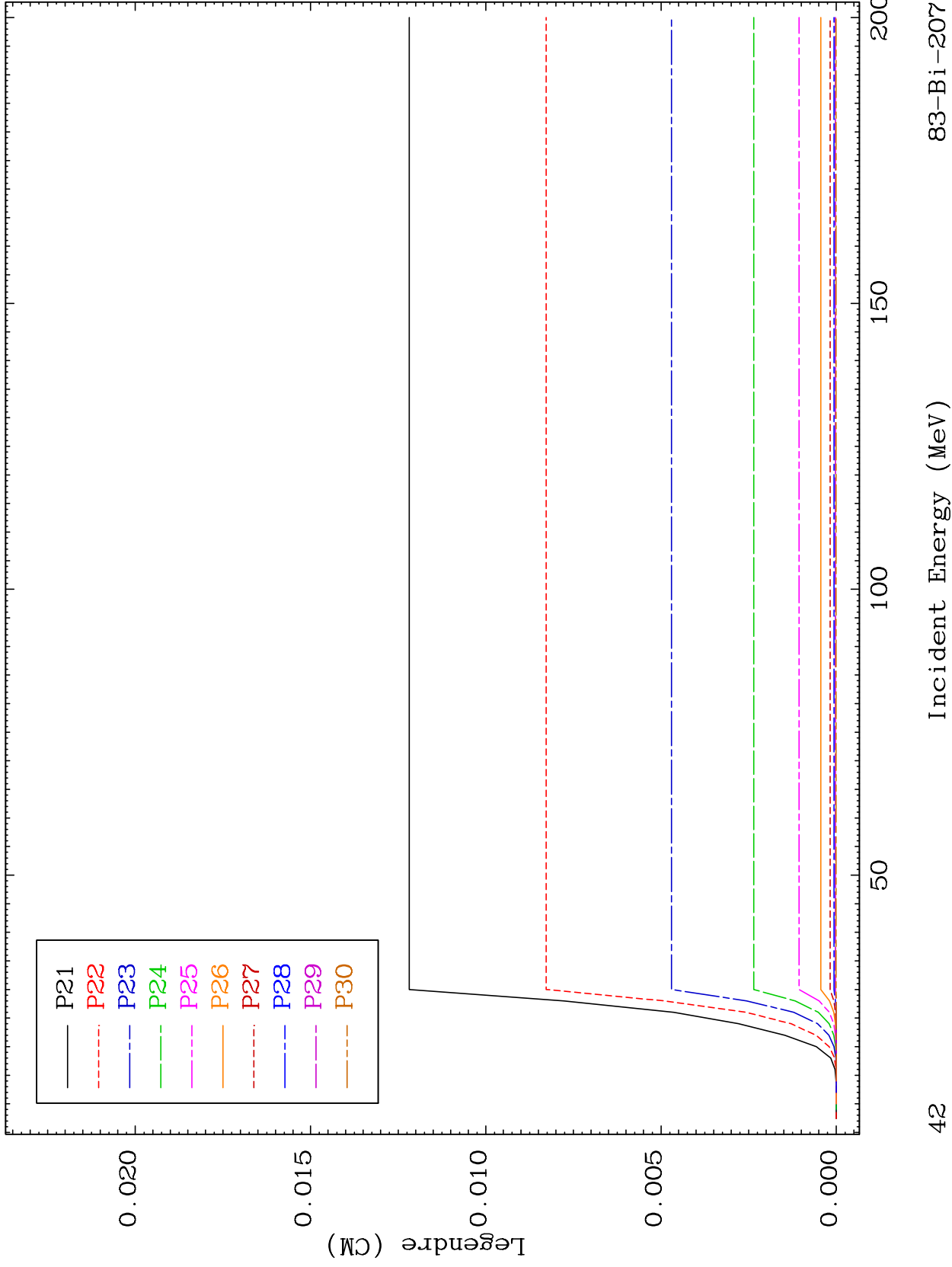
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MAT 8319

1.148 MeV (n,n') Level
Legendre Coefficients

83-Bi-207

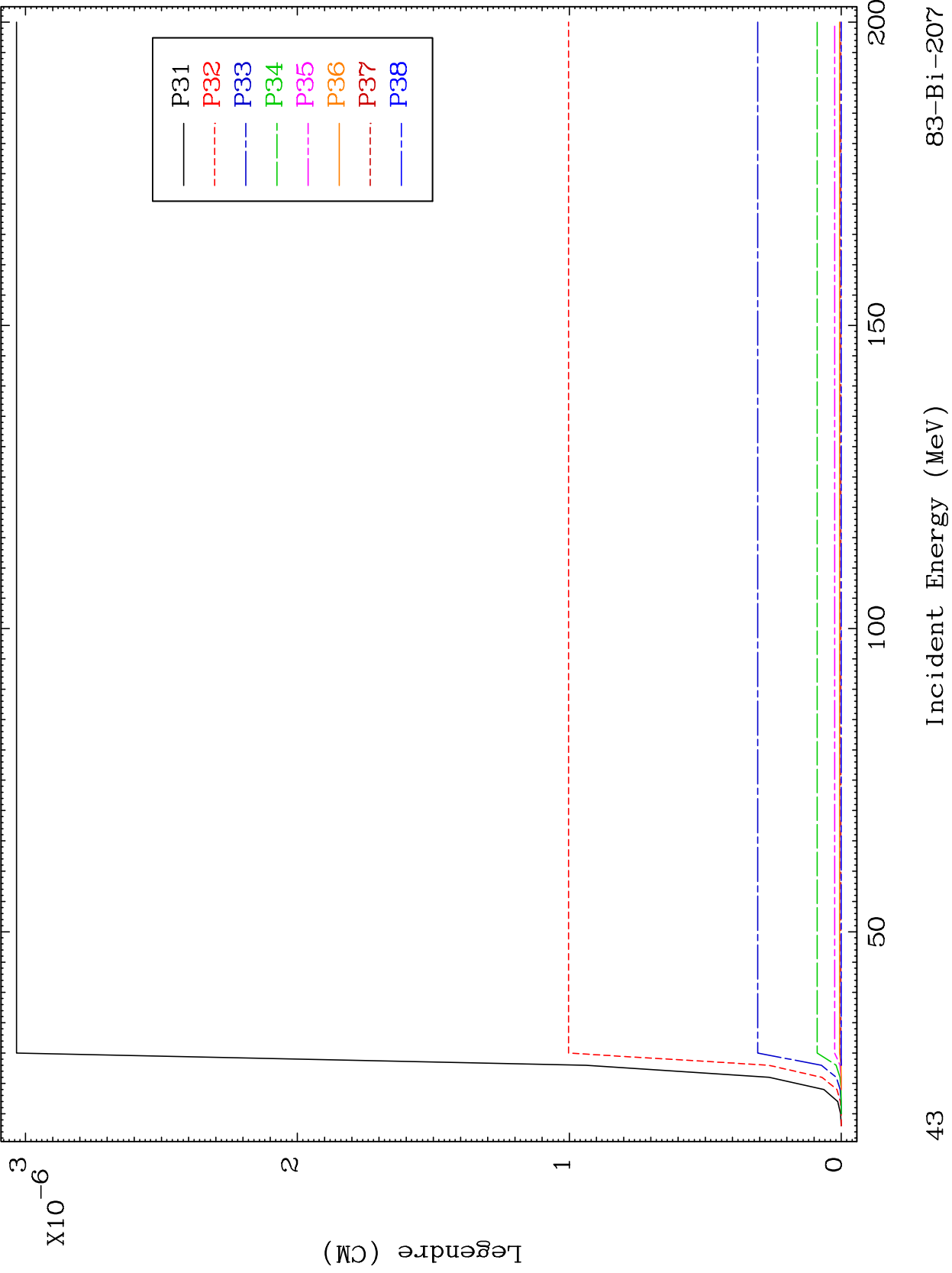




MAT 8319

1.148 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



43

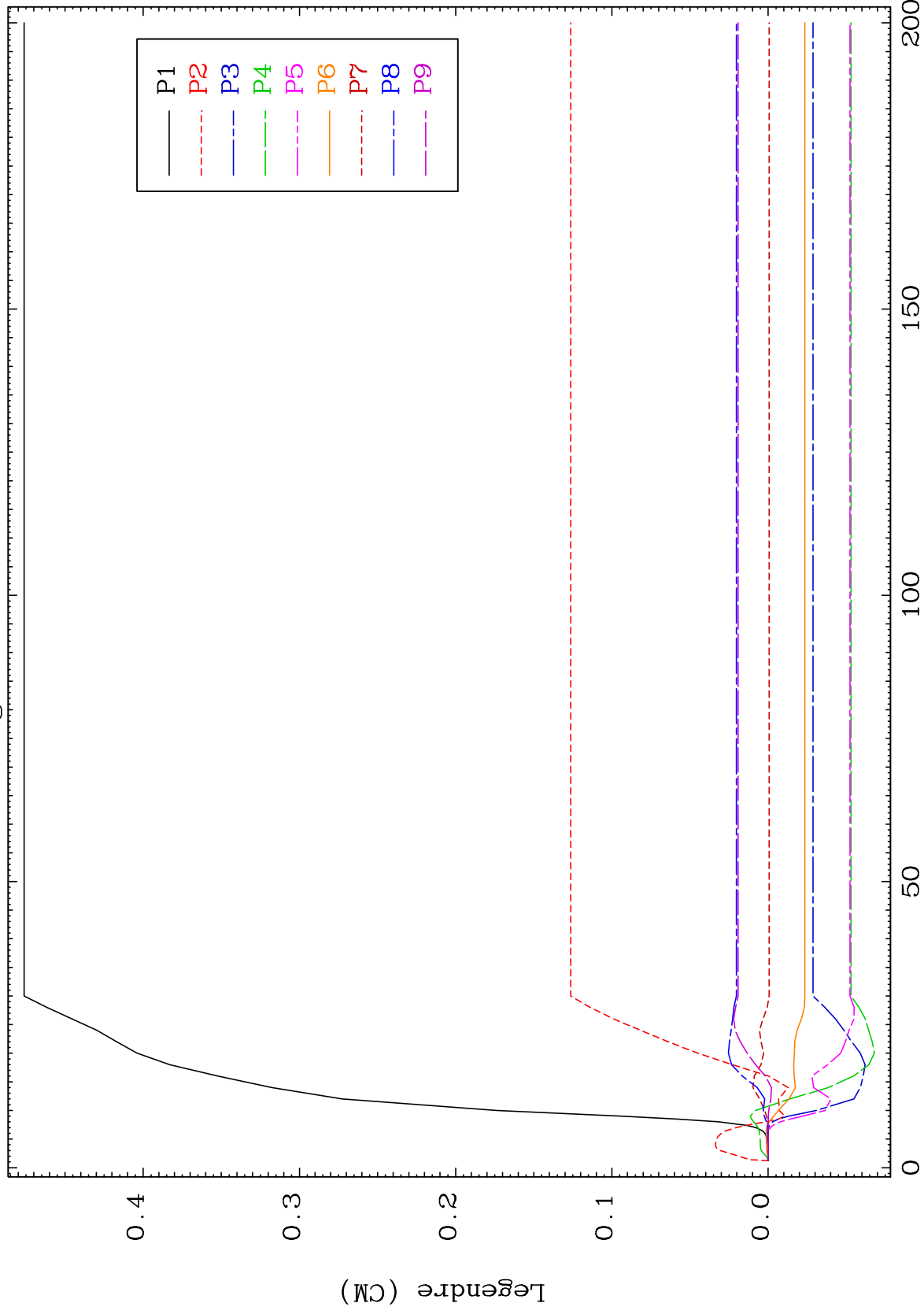
Incident Energy (MeV)

83-Bi-207

MAT 8319

1.211 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



44

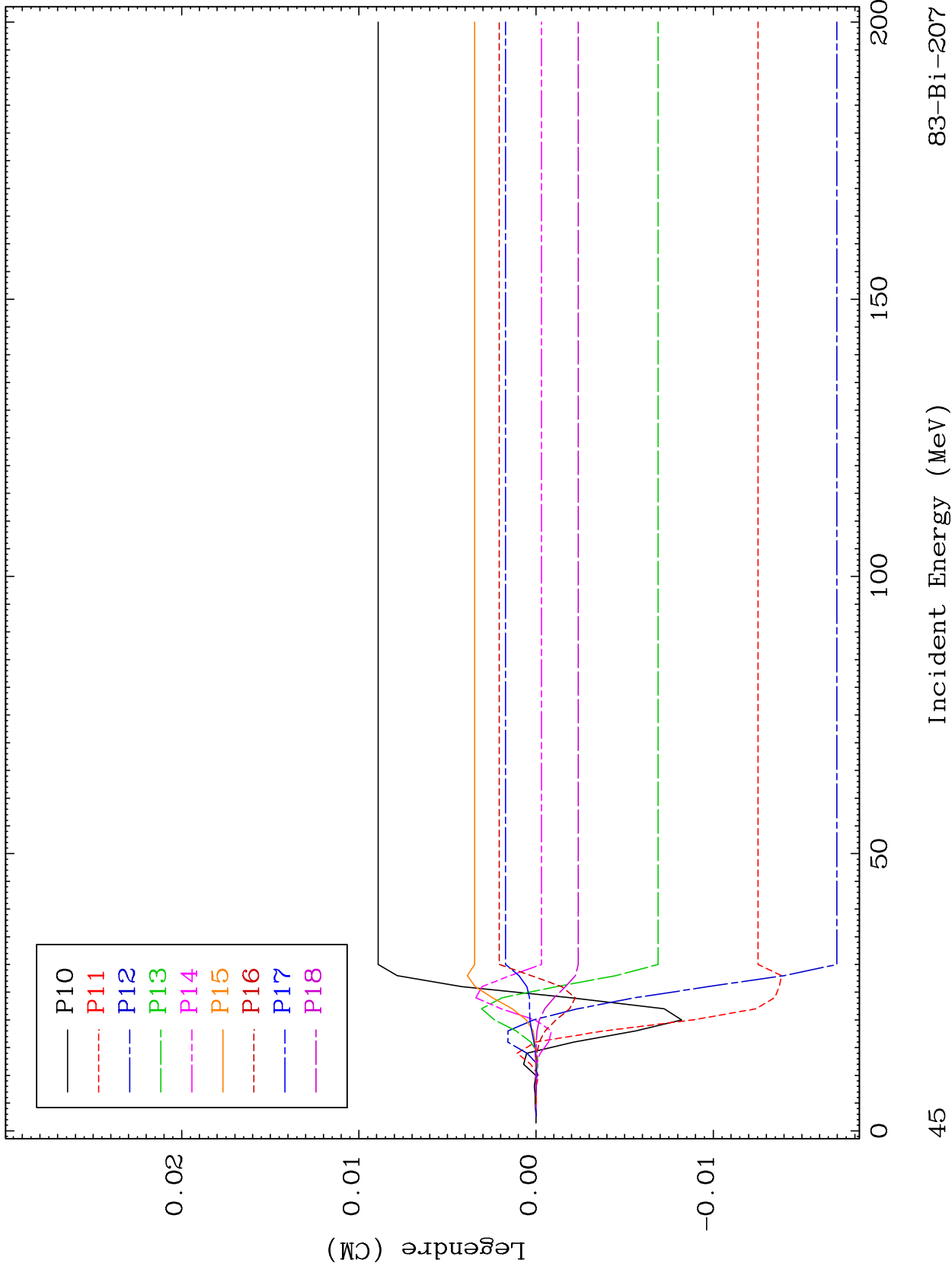
Incident Energy (MeV)

83-Bi-207

MAT 8319

1.211 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



83-Bi-207

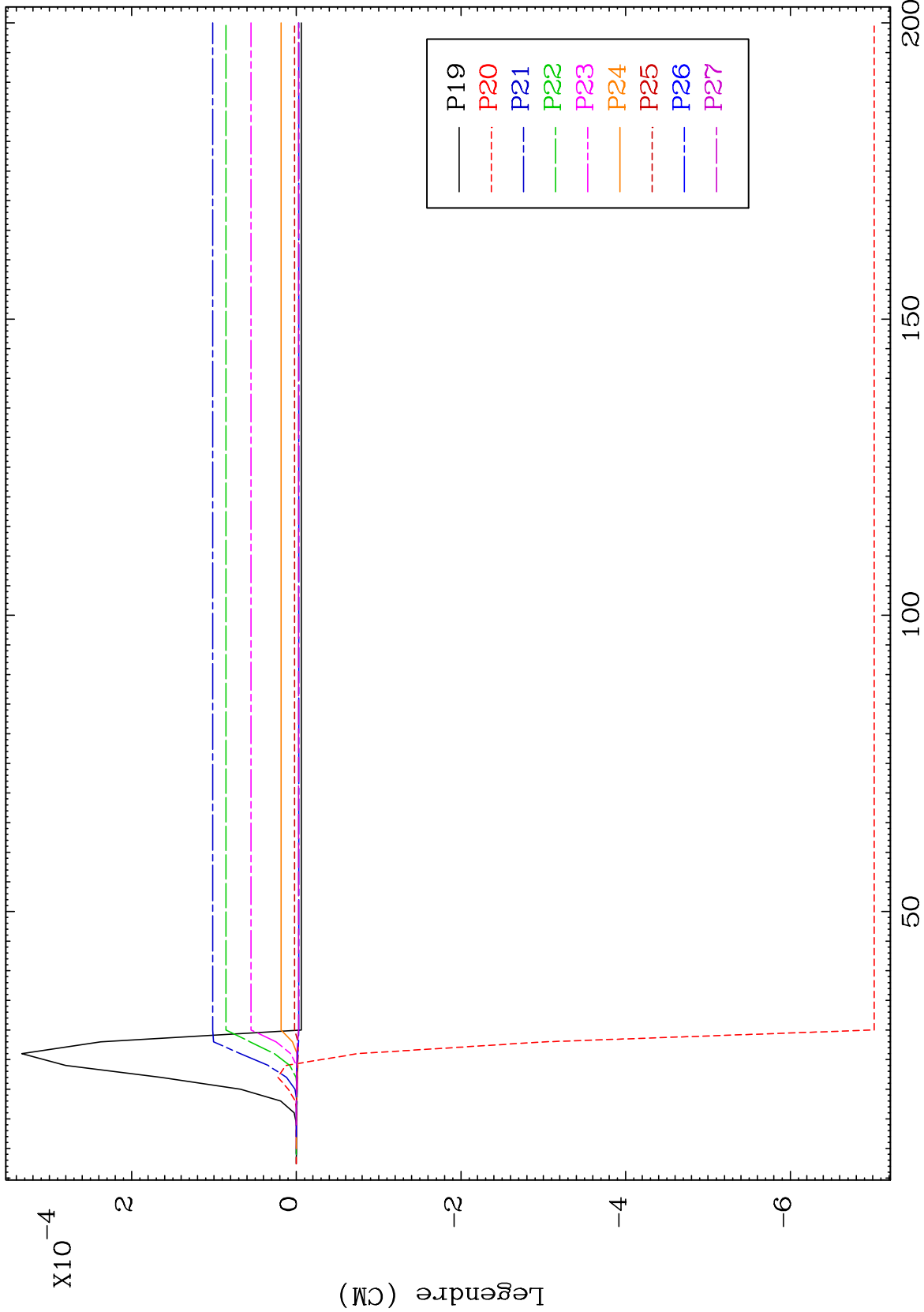
Incident Energy (MeV)

45

MAT 8319

1.211 MeV (n,n') Level
Legendre Coefficients

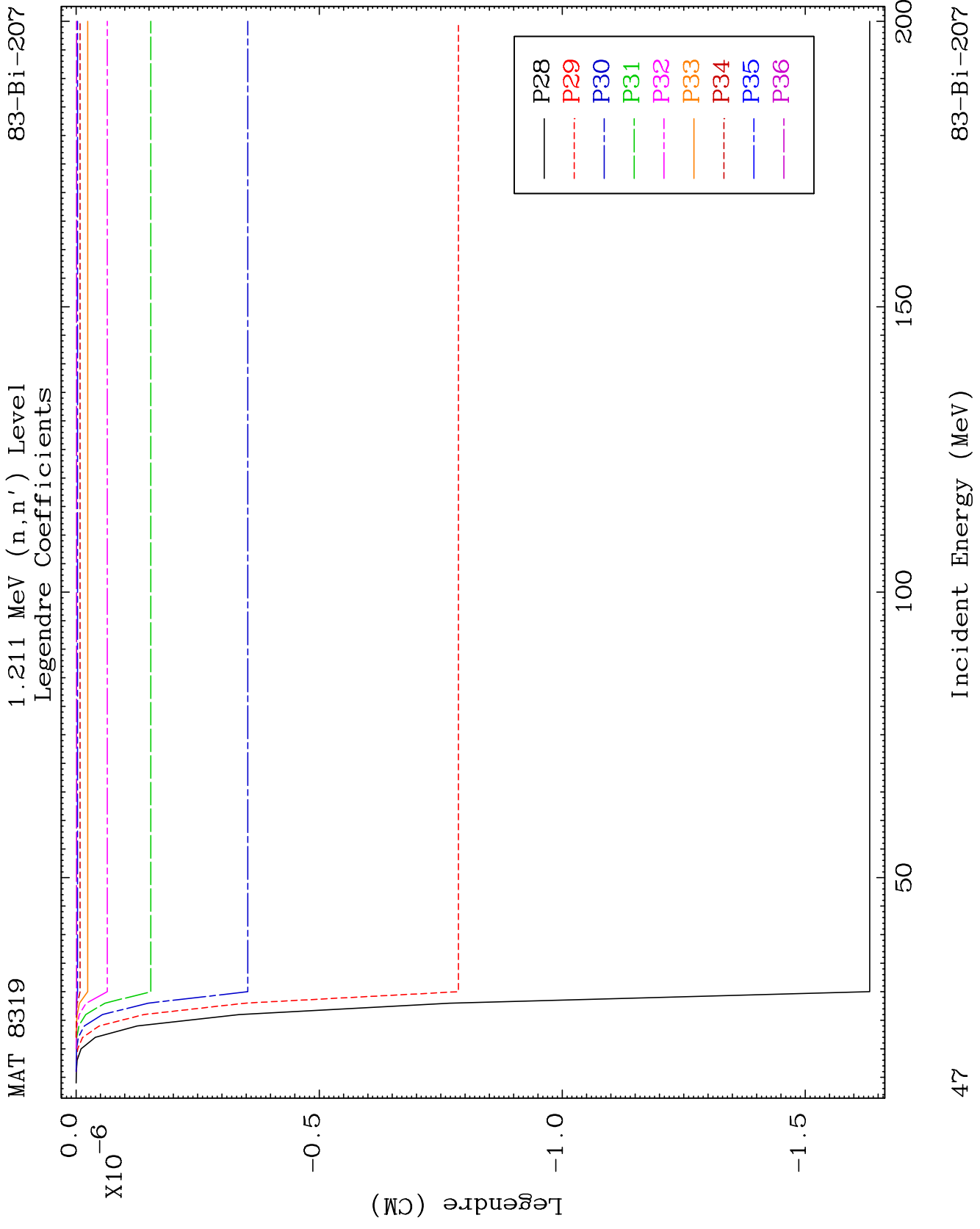
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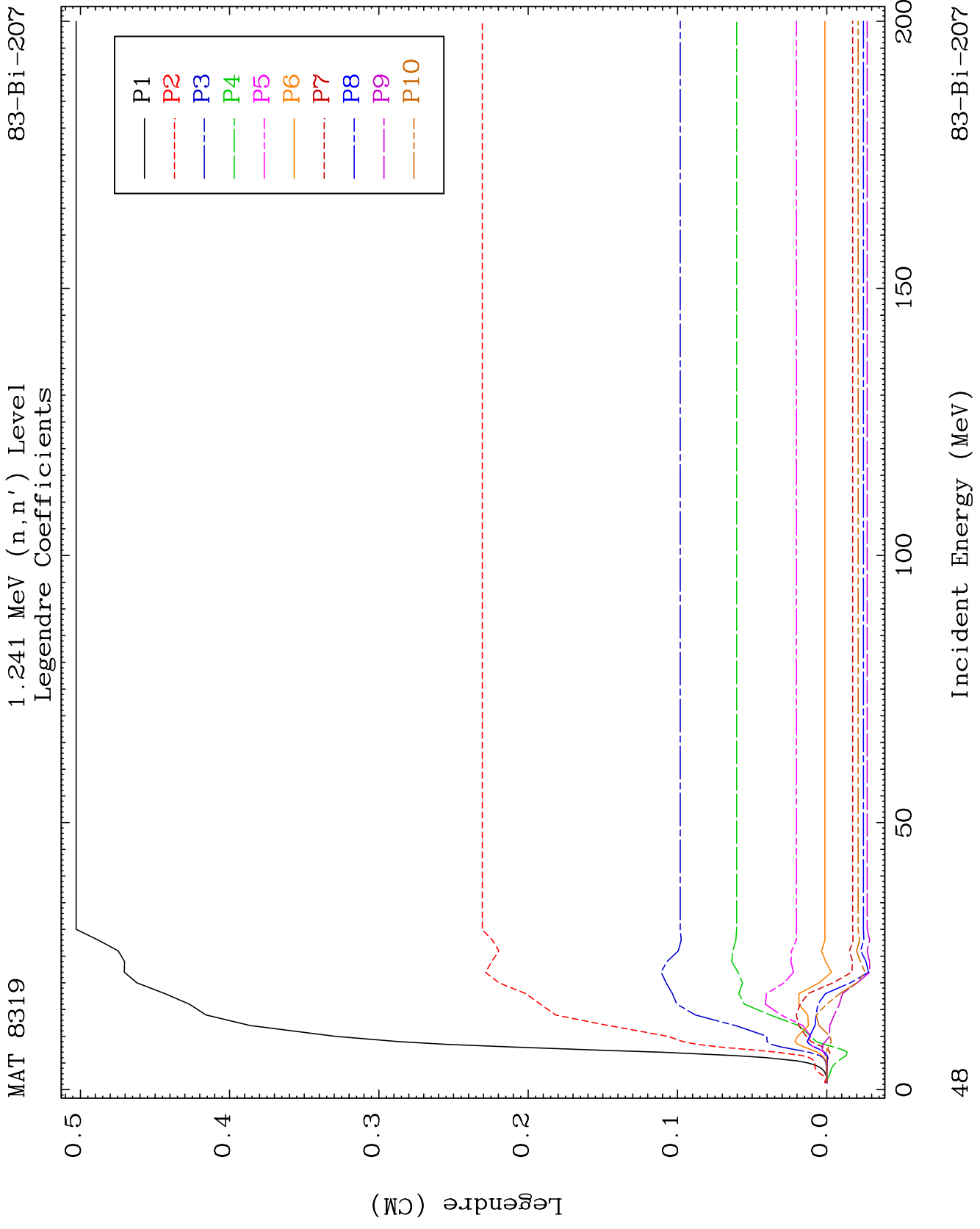


46

Incident Energy (MeV)

83-Bi-207

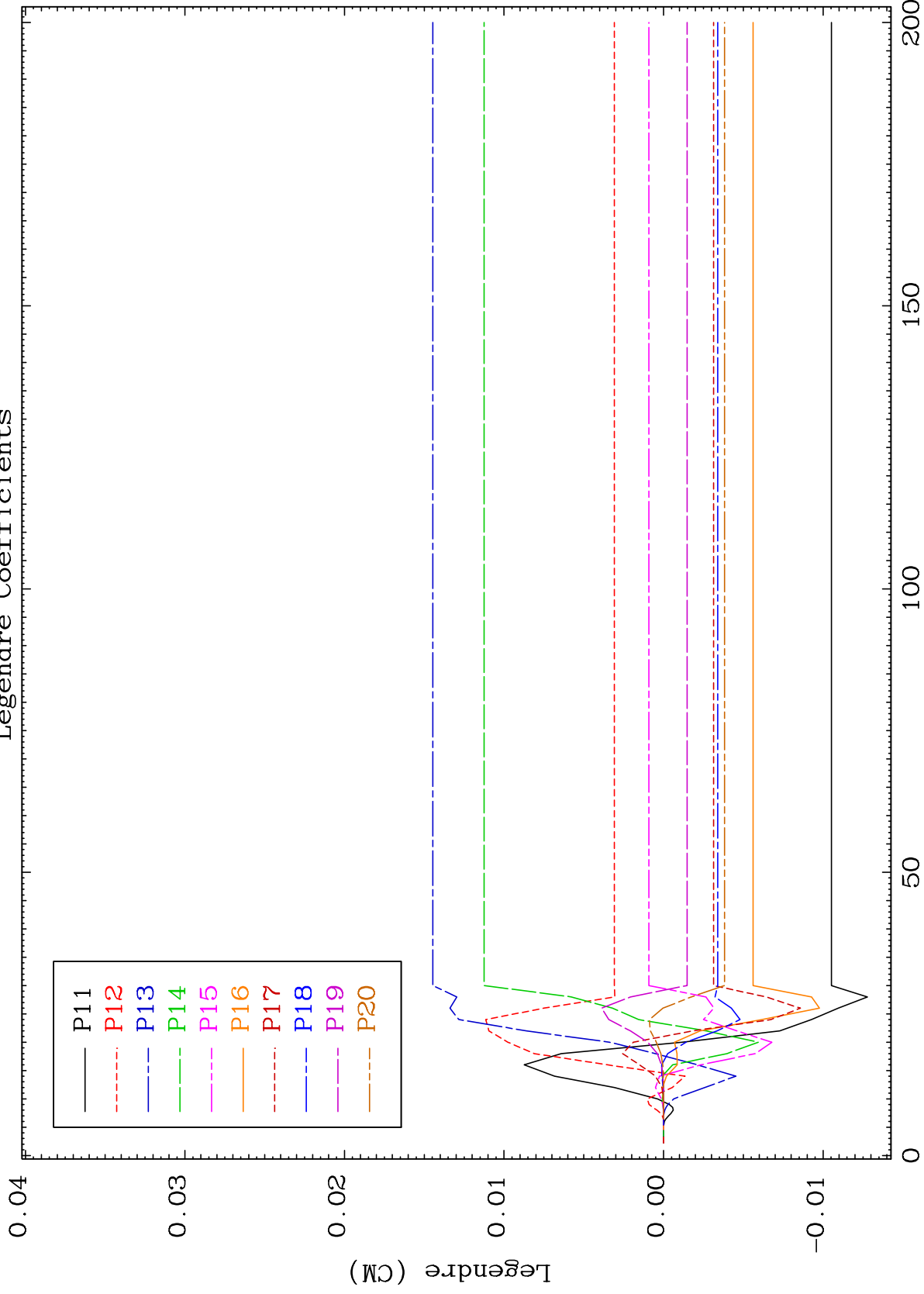




MAT 8319

1.241 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



49

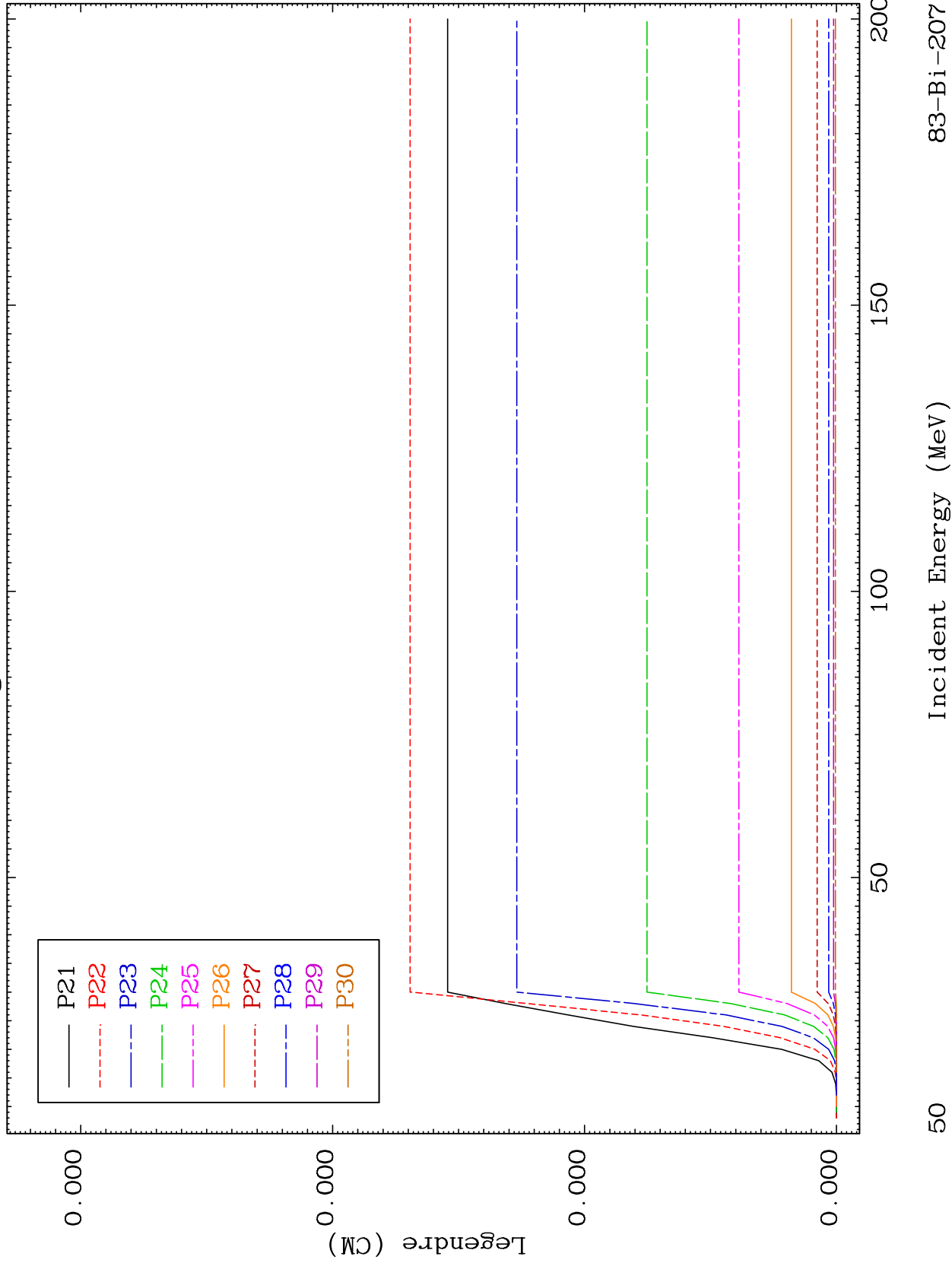
Incident Energy (MeV)

83-Bi-207

MAT 8319

1.241 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



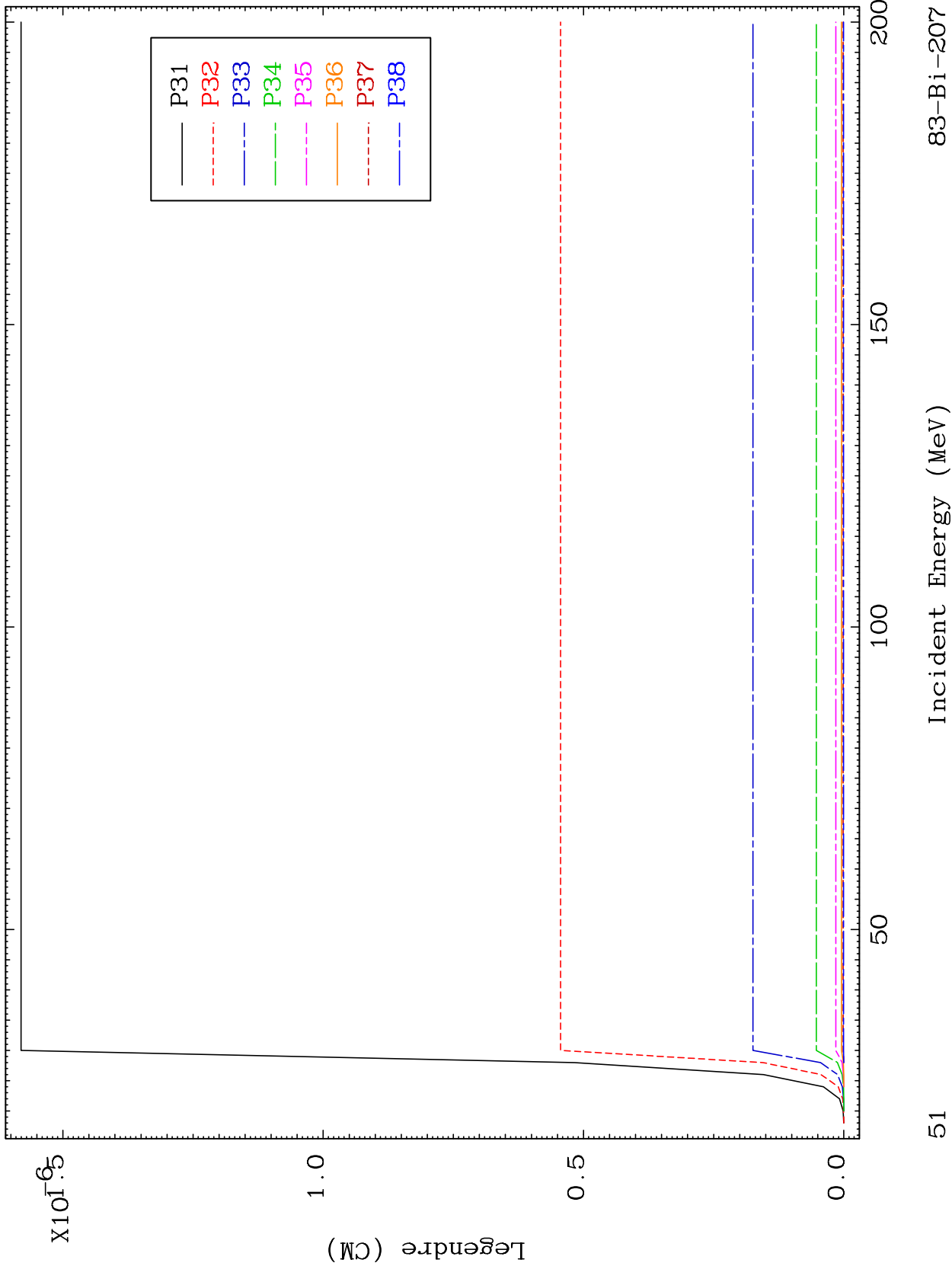
50

50

100

150

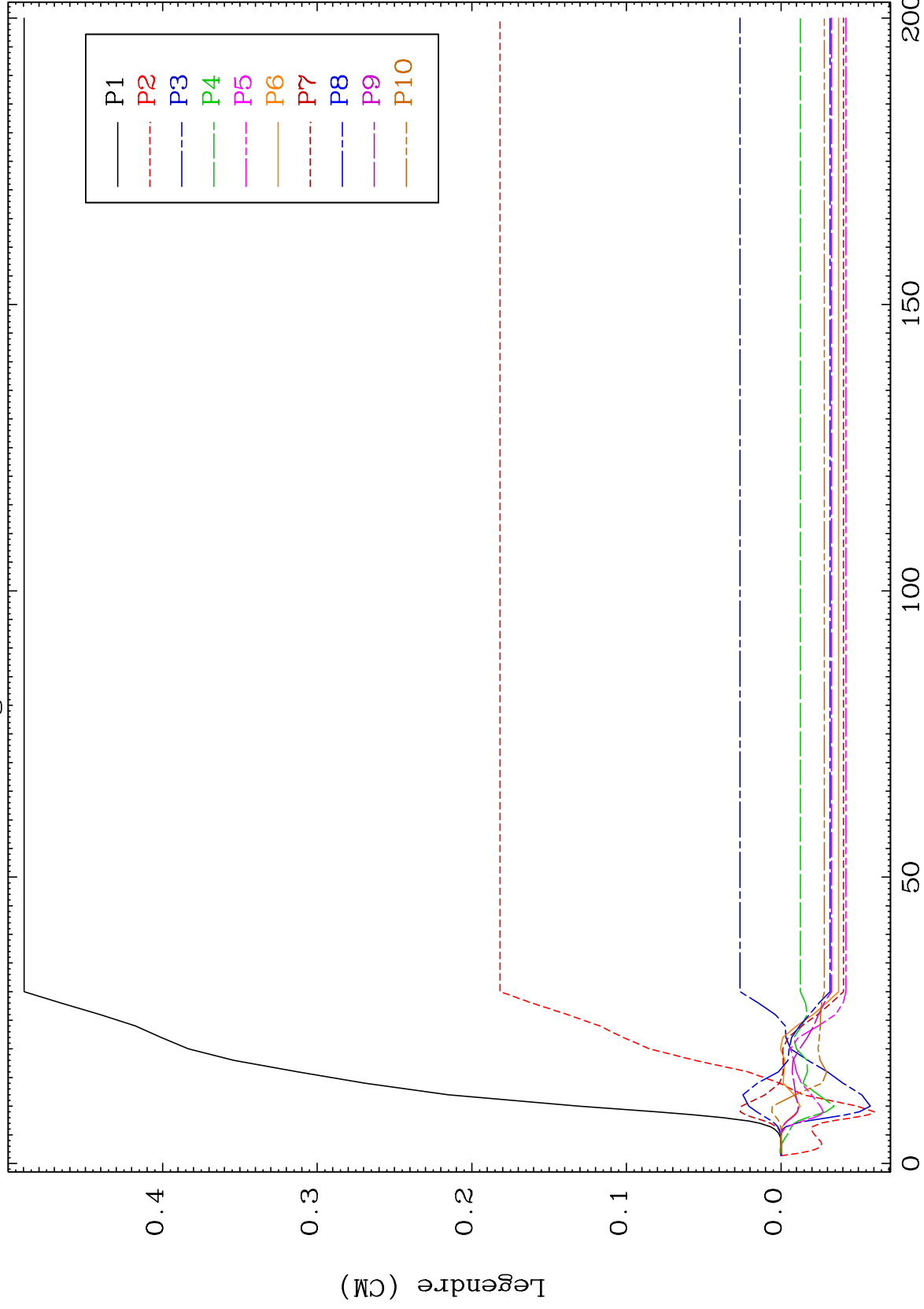
200



MAT 8319

1.335 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



83-Bi-207

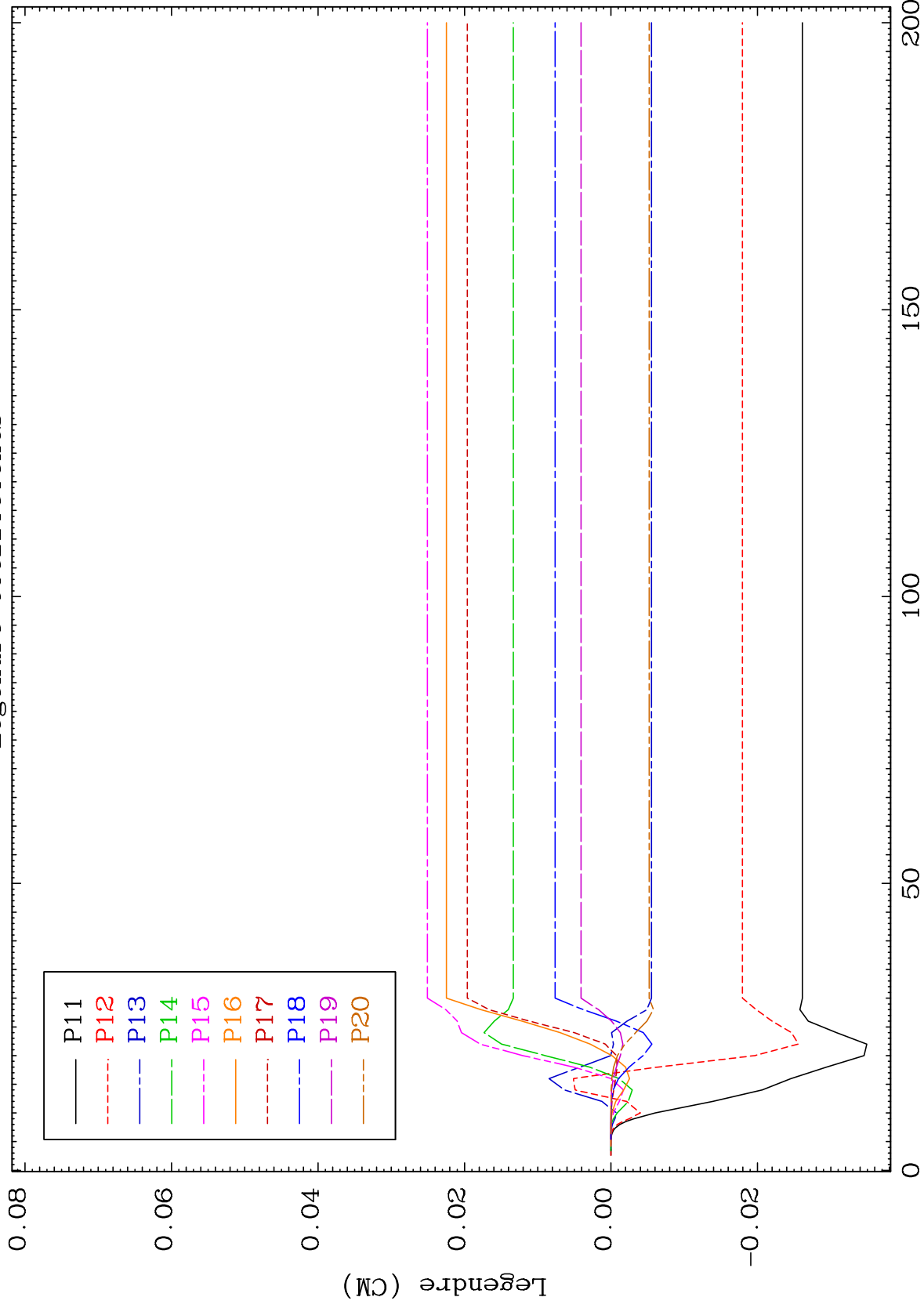
Incident Energy (MeV)

52

MAT 8319

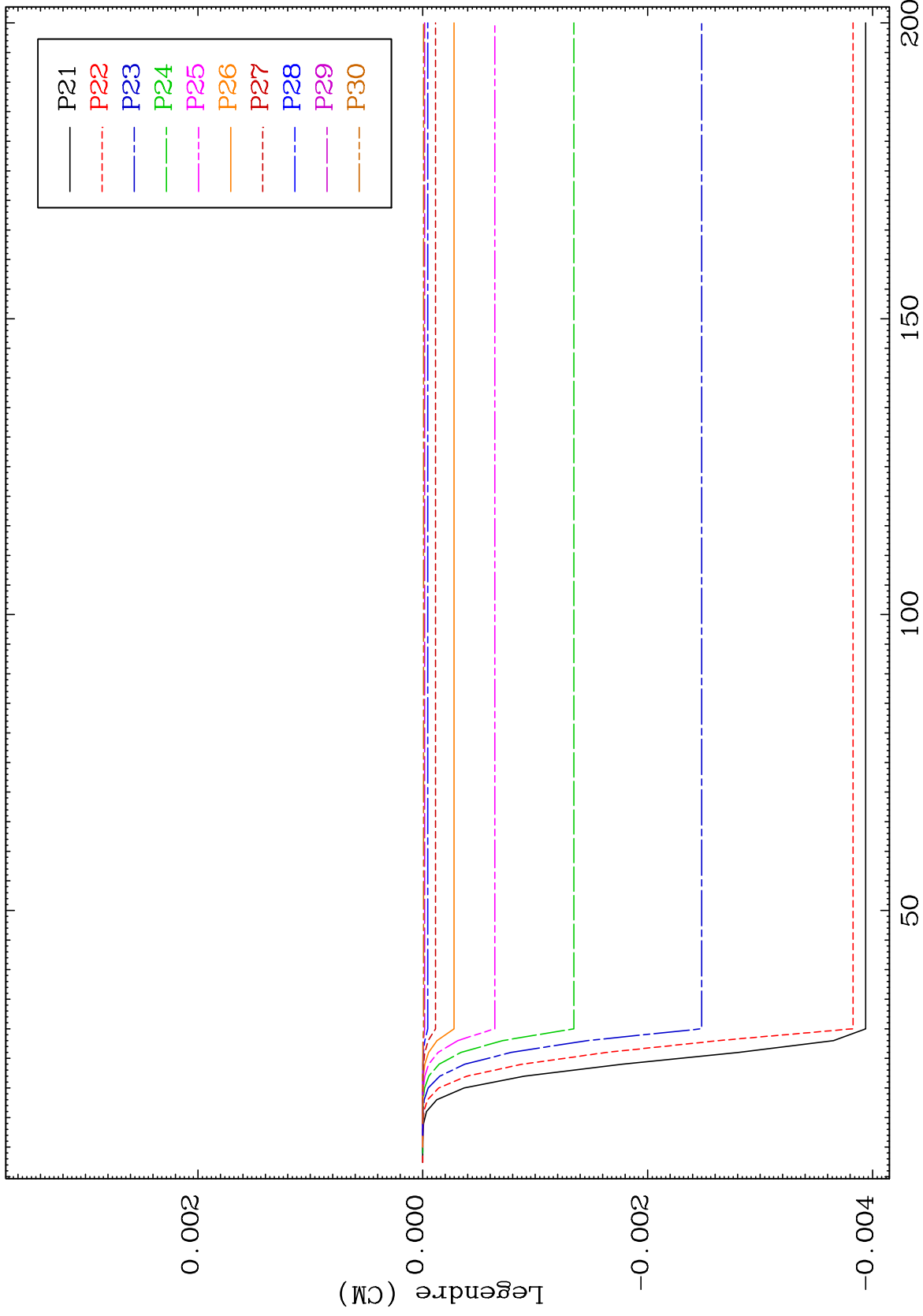
1.335 MeV (n,n') Level
Legendre Coefficients

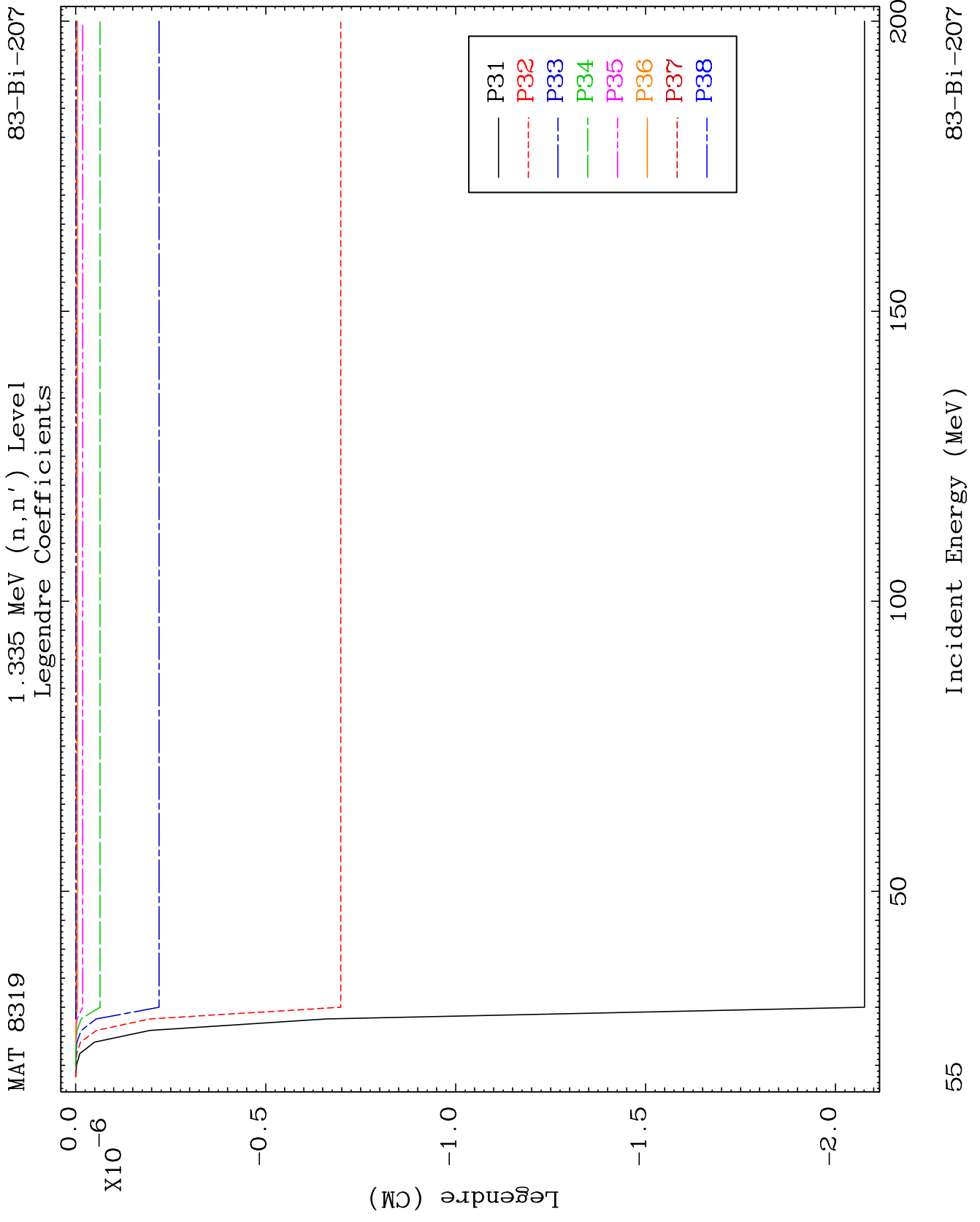
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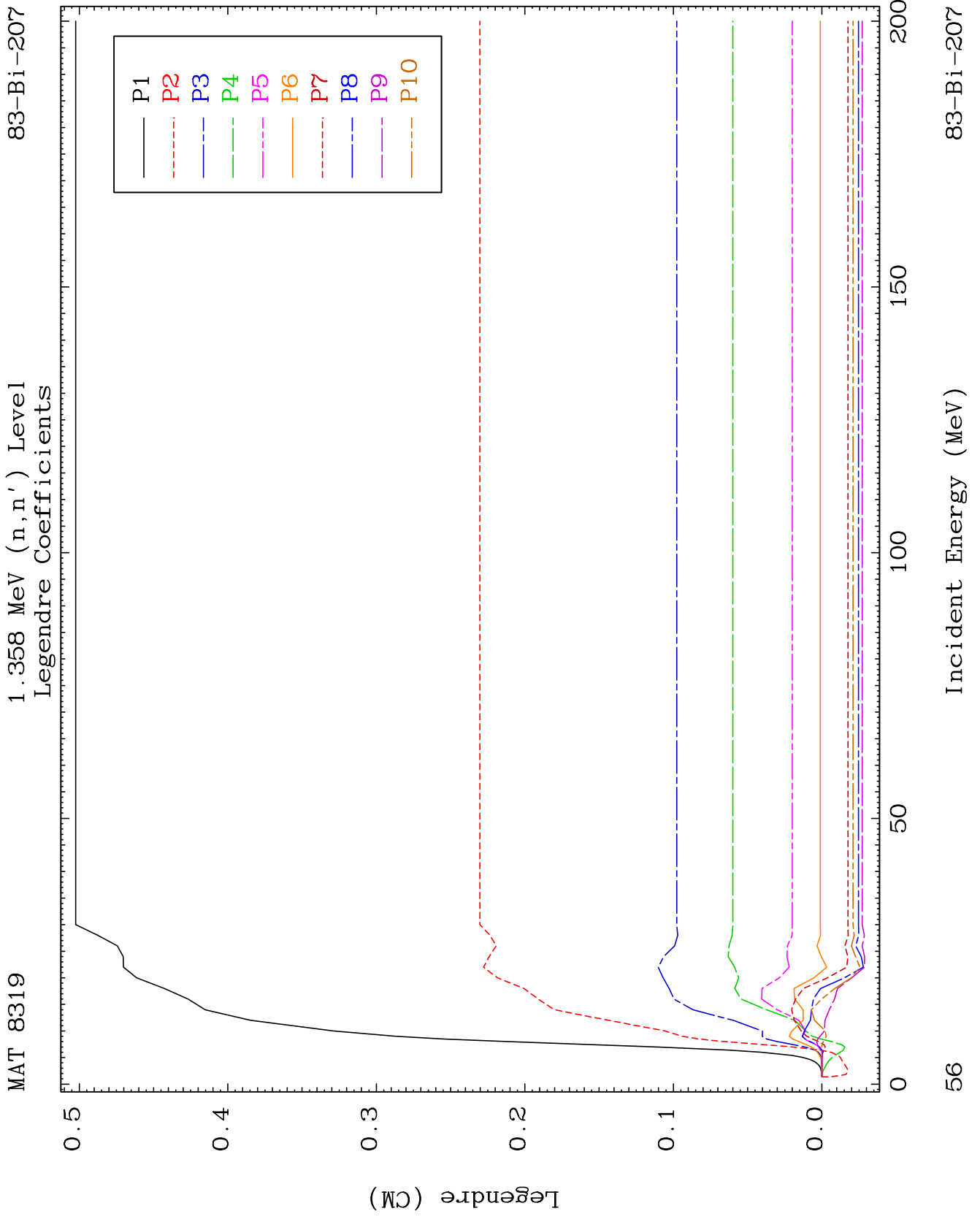


53

83-Bi-207



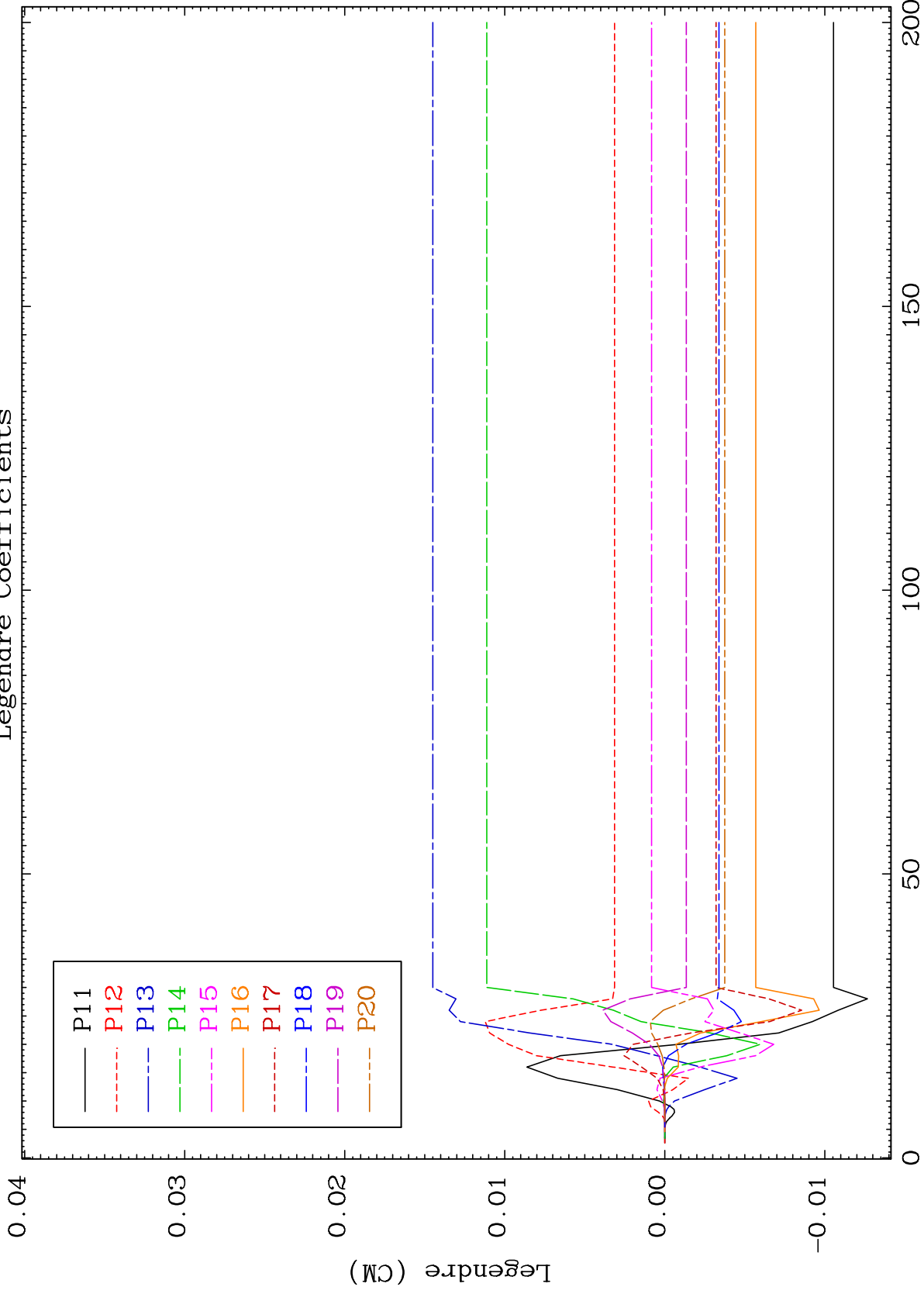




MAT 8319

1.358 MeV (n,n') Level
Legendre Coefficients

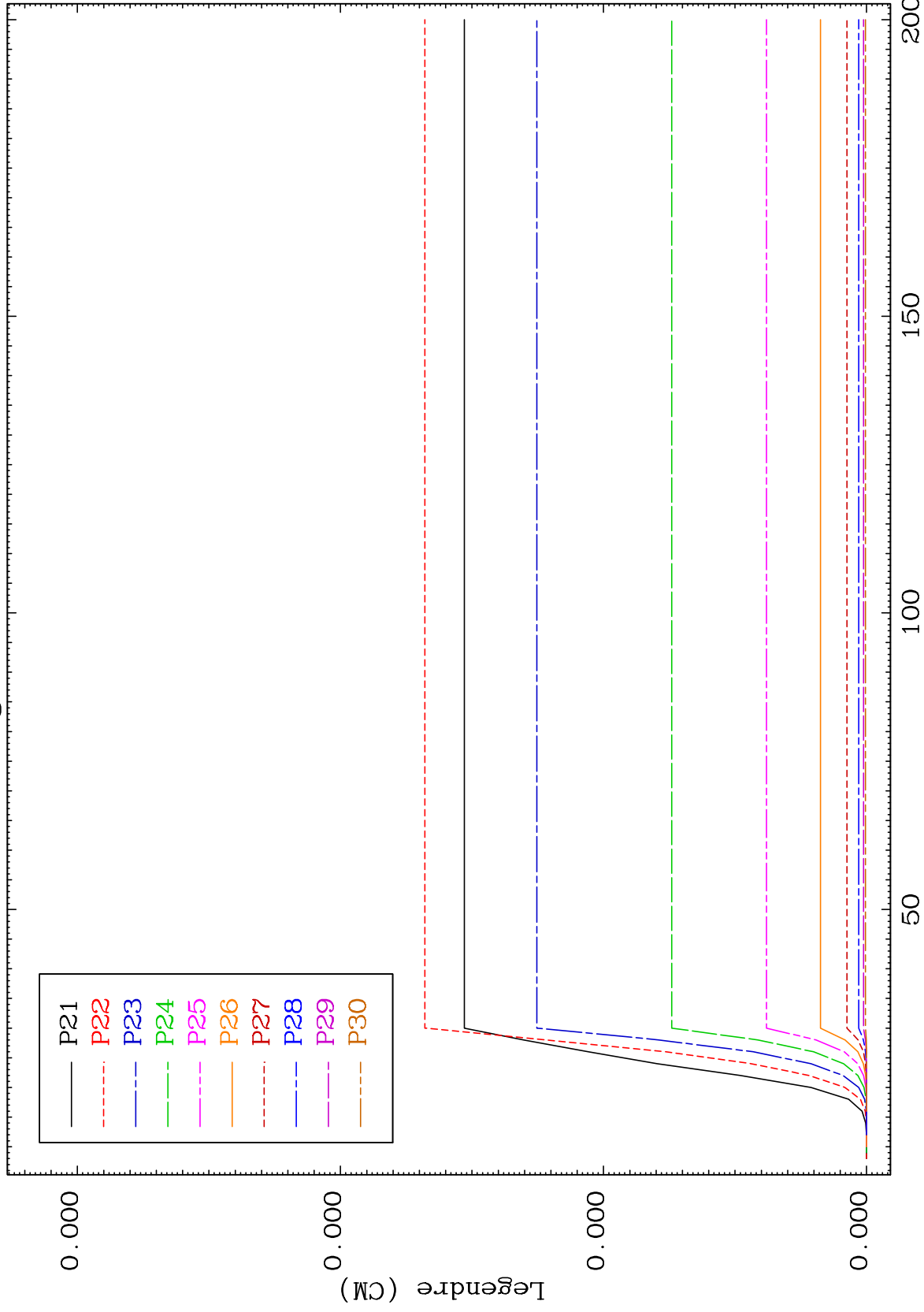
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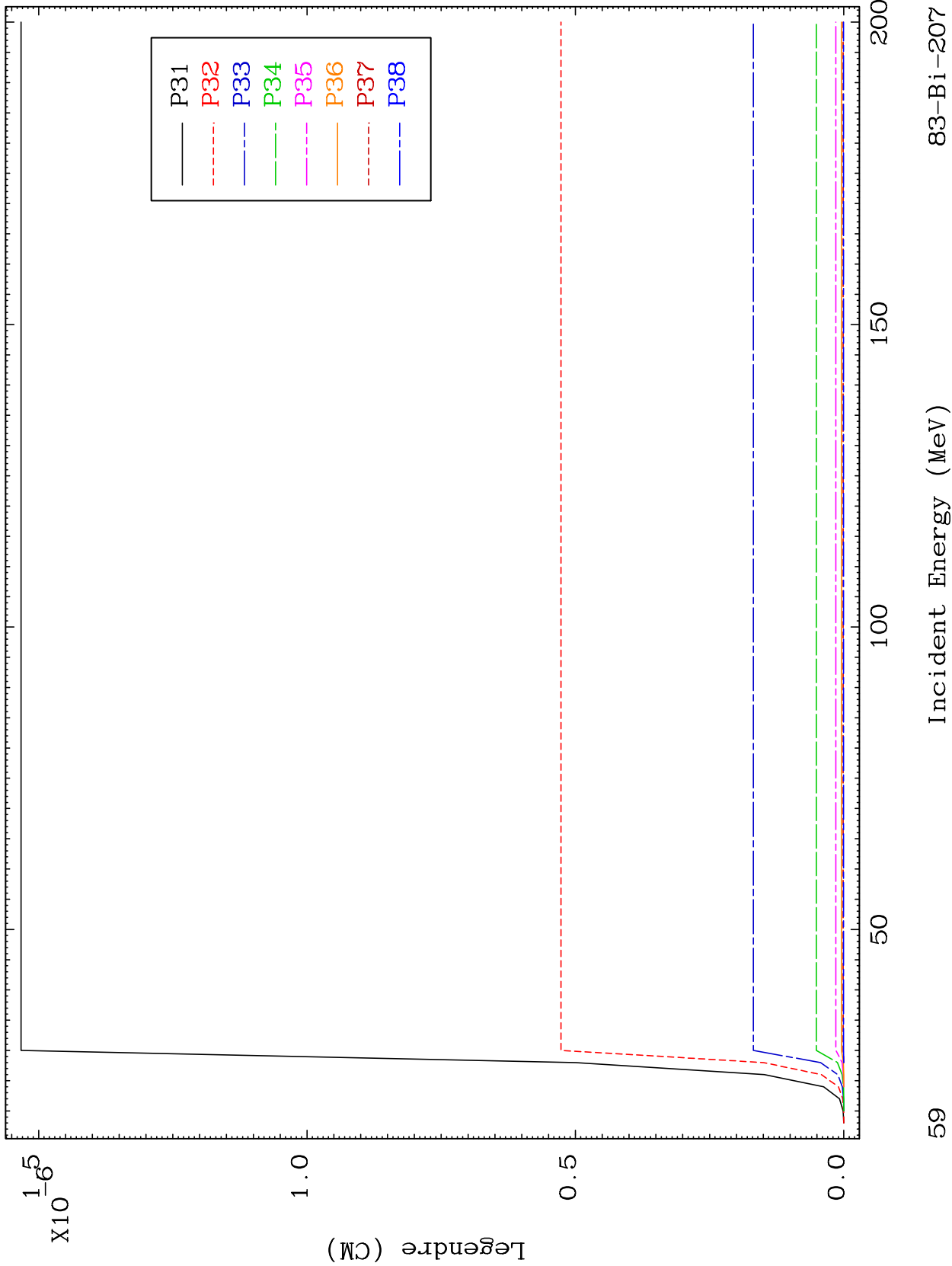


57

Incident Energy (MeV)

83-Bi-207

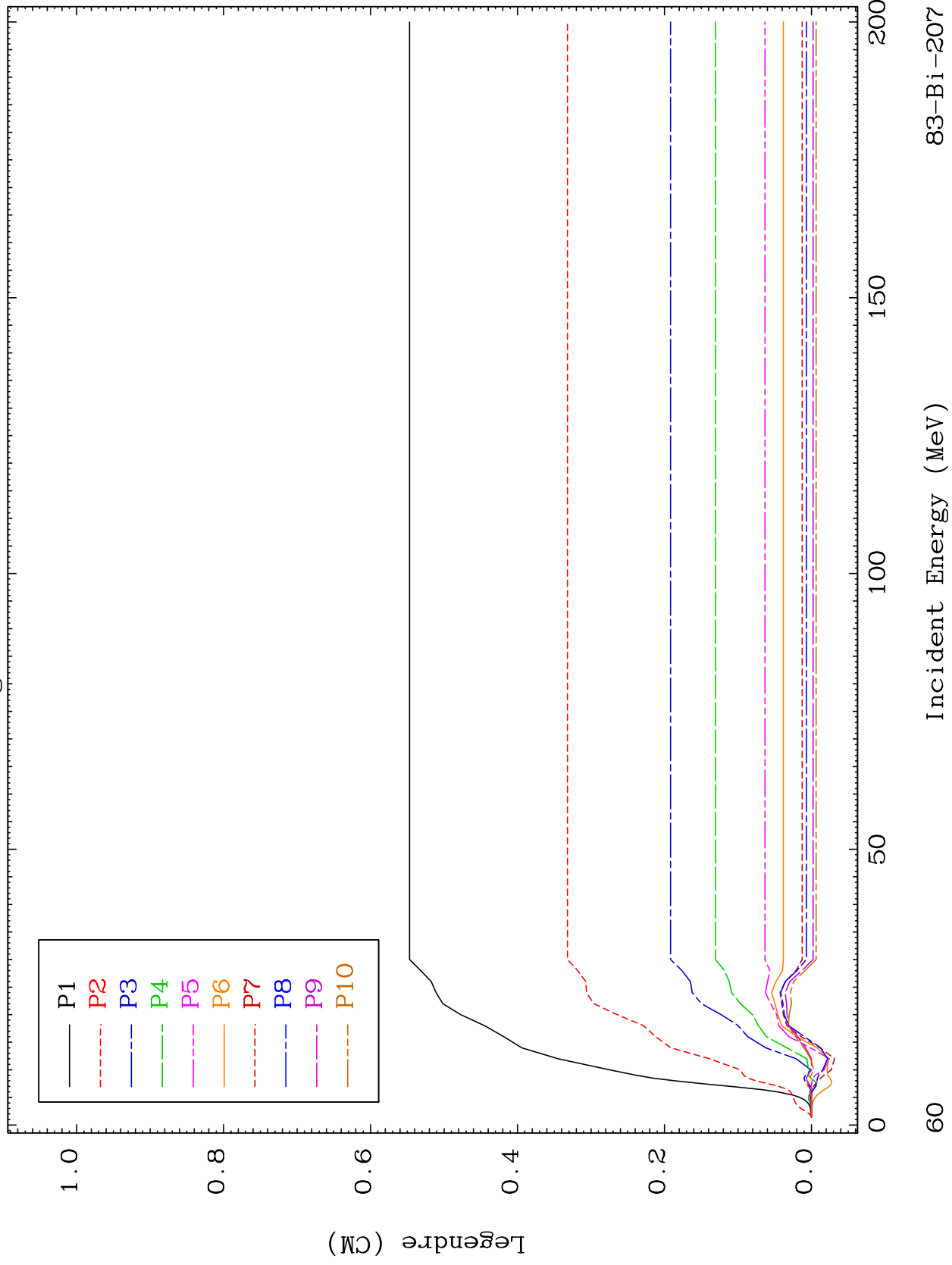




MAT 8319

1.360 MeV (n,n') Level
Legendre Coefficients

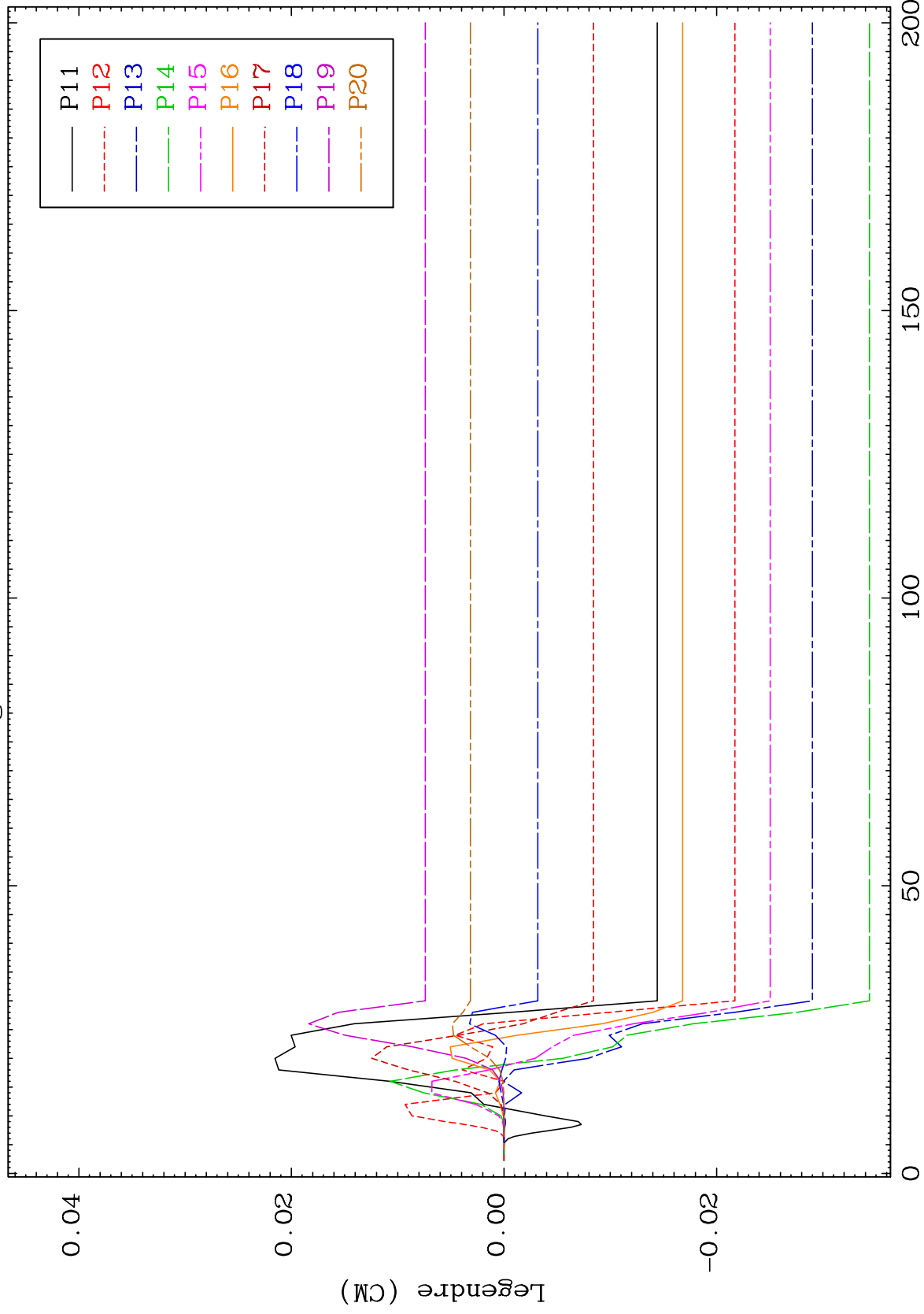
83-Bi-207



MAT 8319

1.360 MeV (n,n') Level
Legendre Coefficients

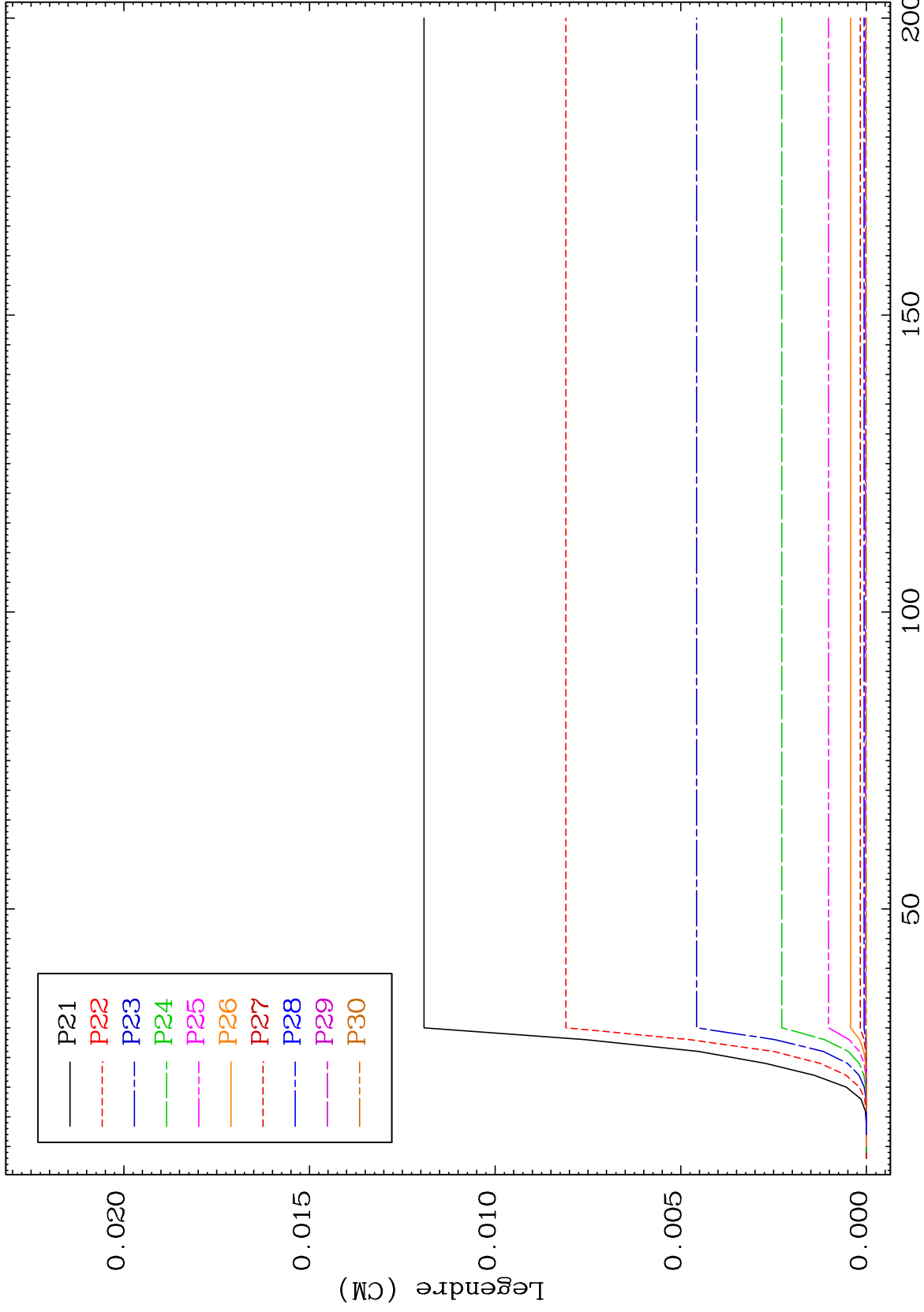
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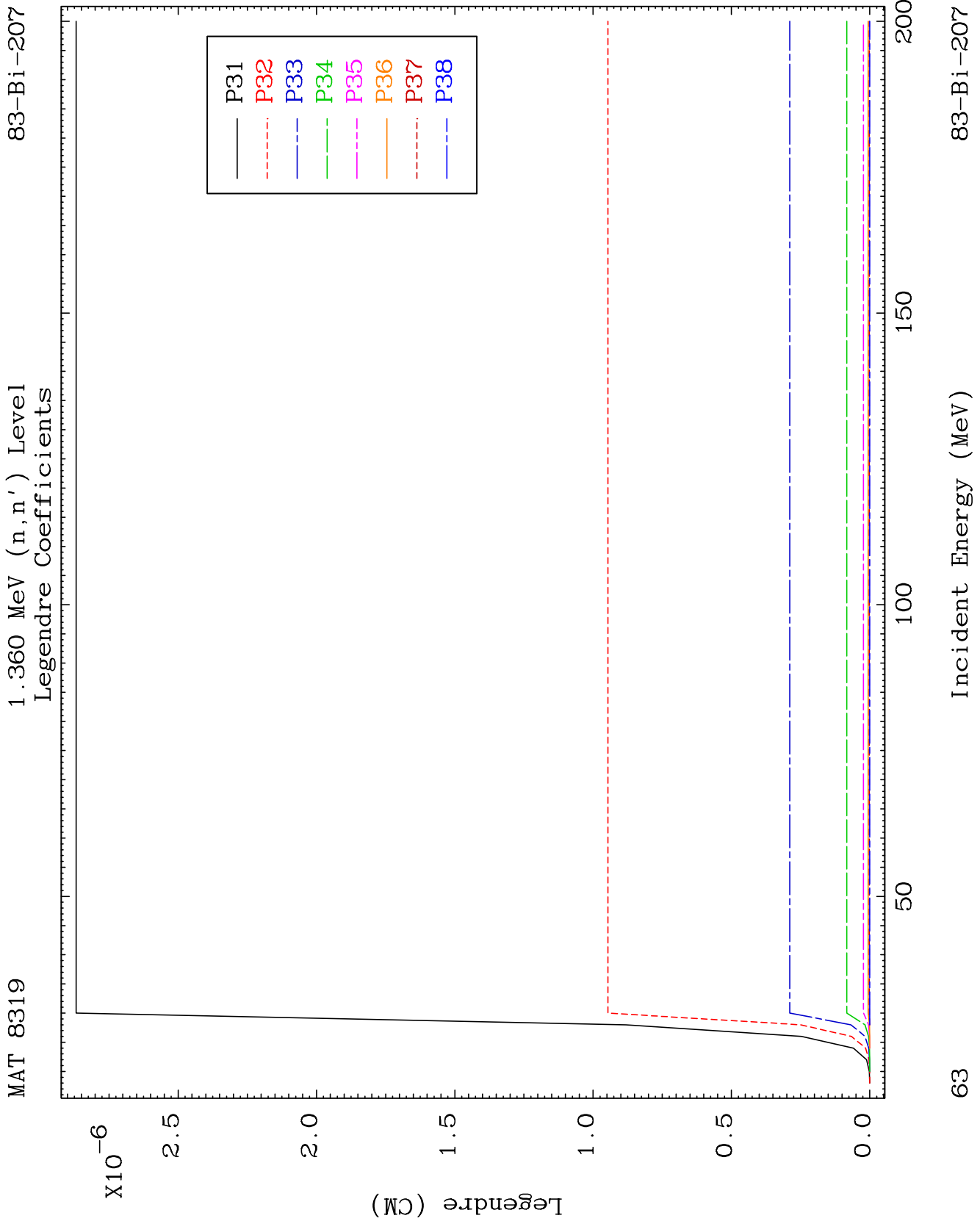


61

Incident Energy (MeV)

83-Bi-207

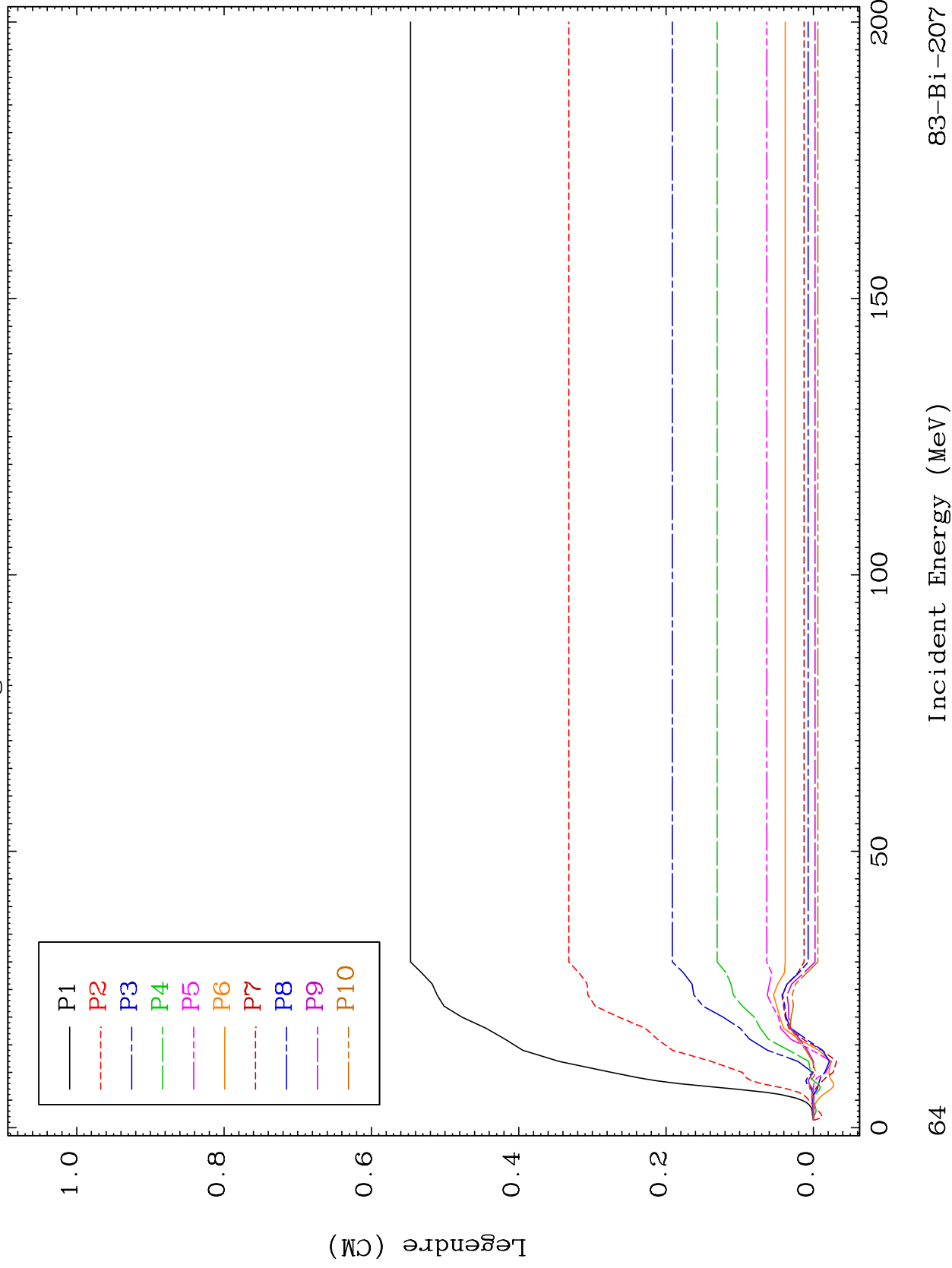




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1.373 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



83-Bi-207

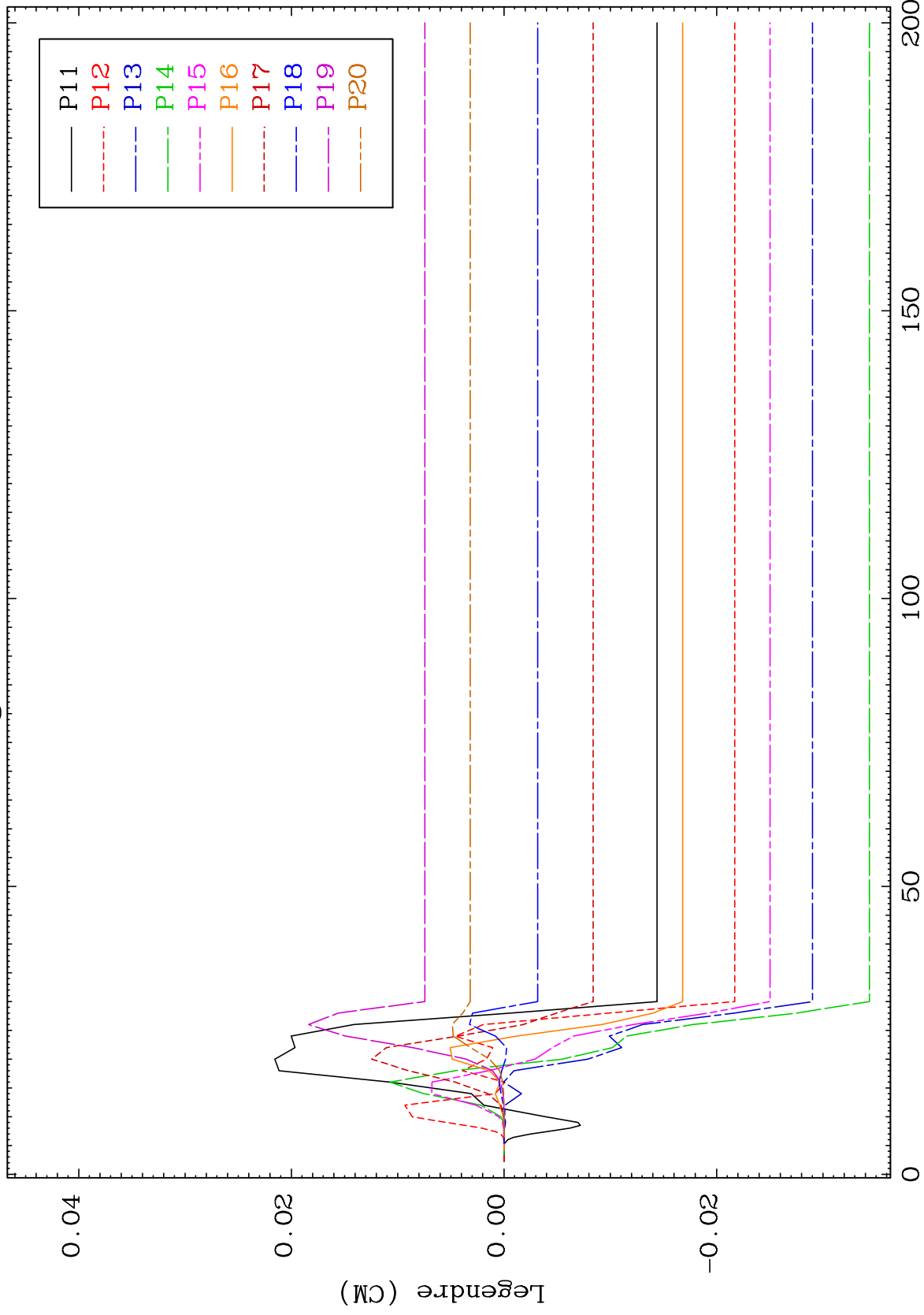
Incident Energy (MeV)

64

MAT 8319

1.373 MeV (n,n') Level
Legendre Coefficients

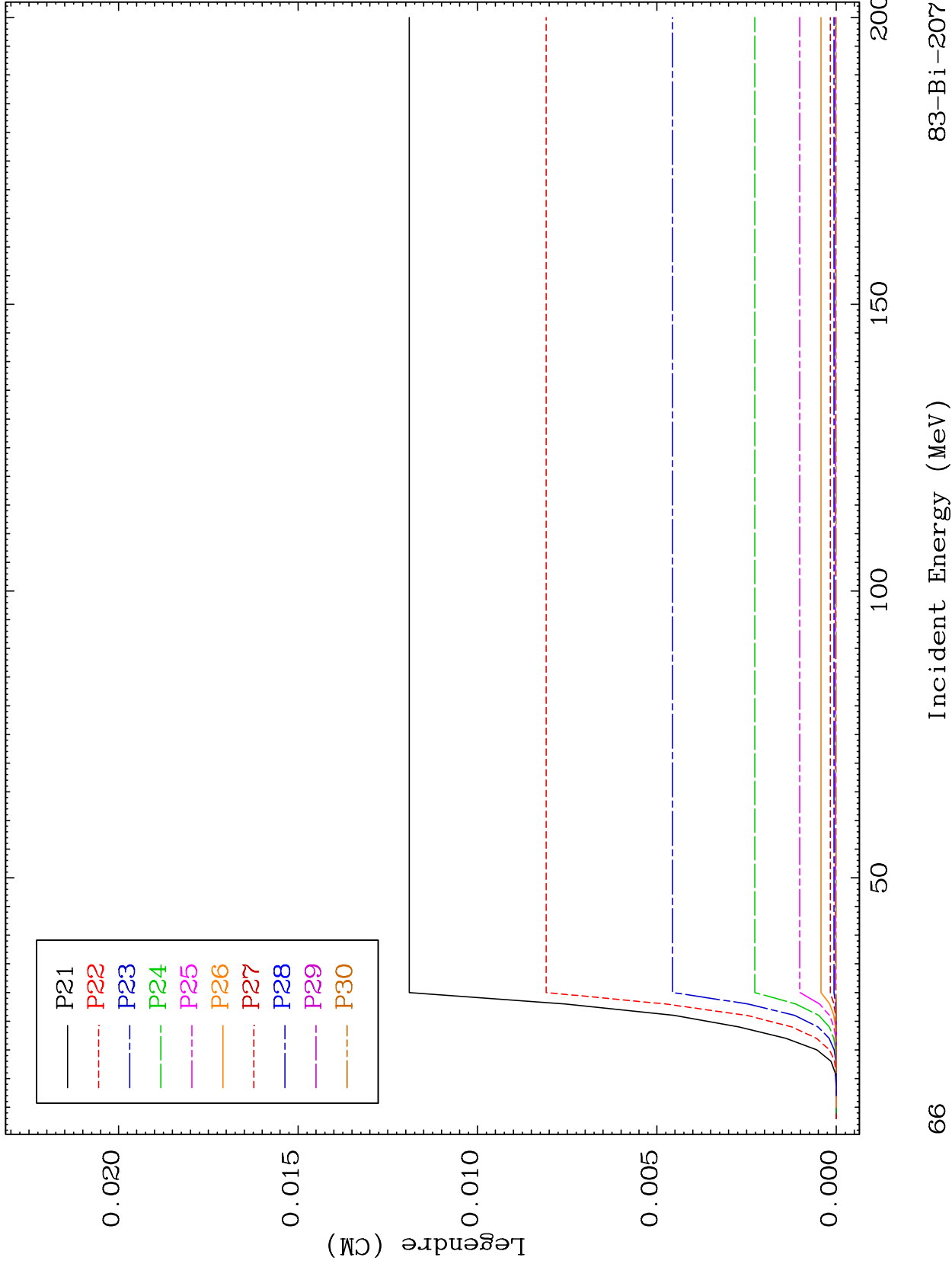
83-Bi-207



65

Incident Energy (MeV)

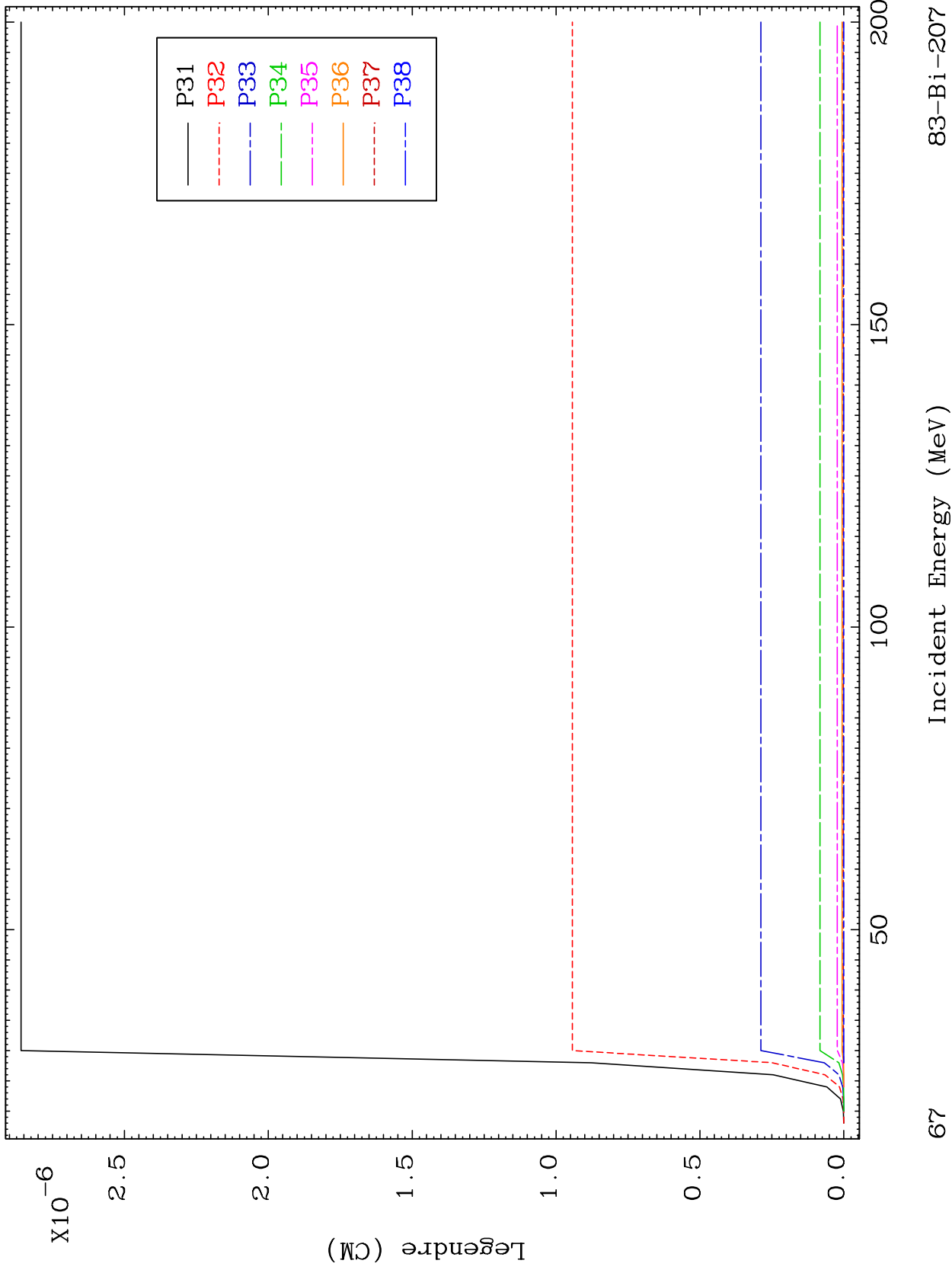
83-Bi-207



MAT 8319

1.373 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



67

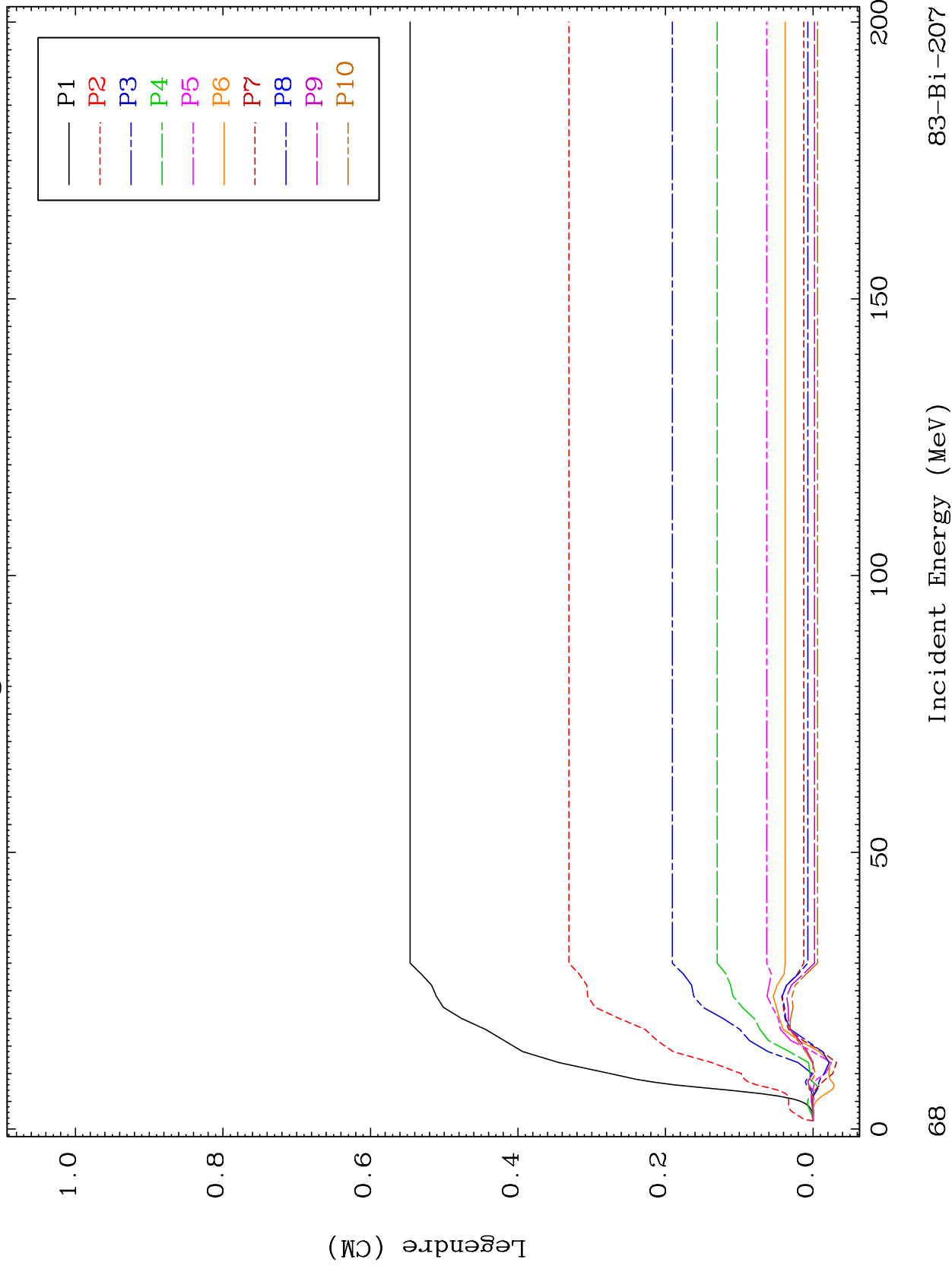
Incident Energy (MeV)

83-Bi-207

MAT 8319

1.459 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



68

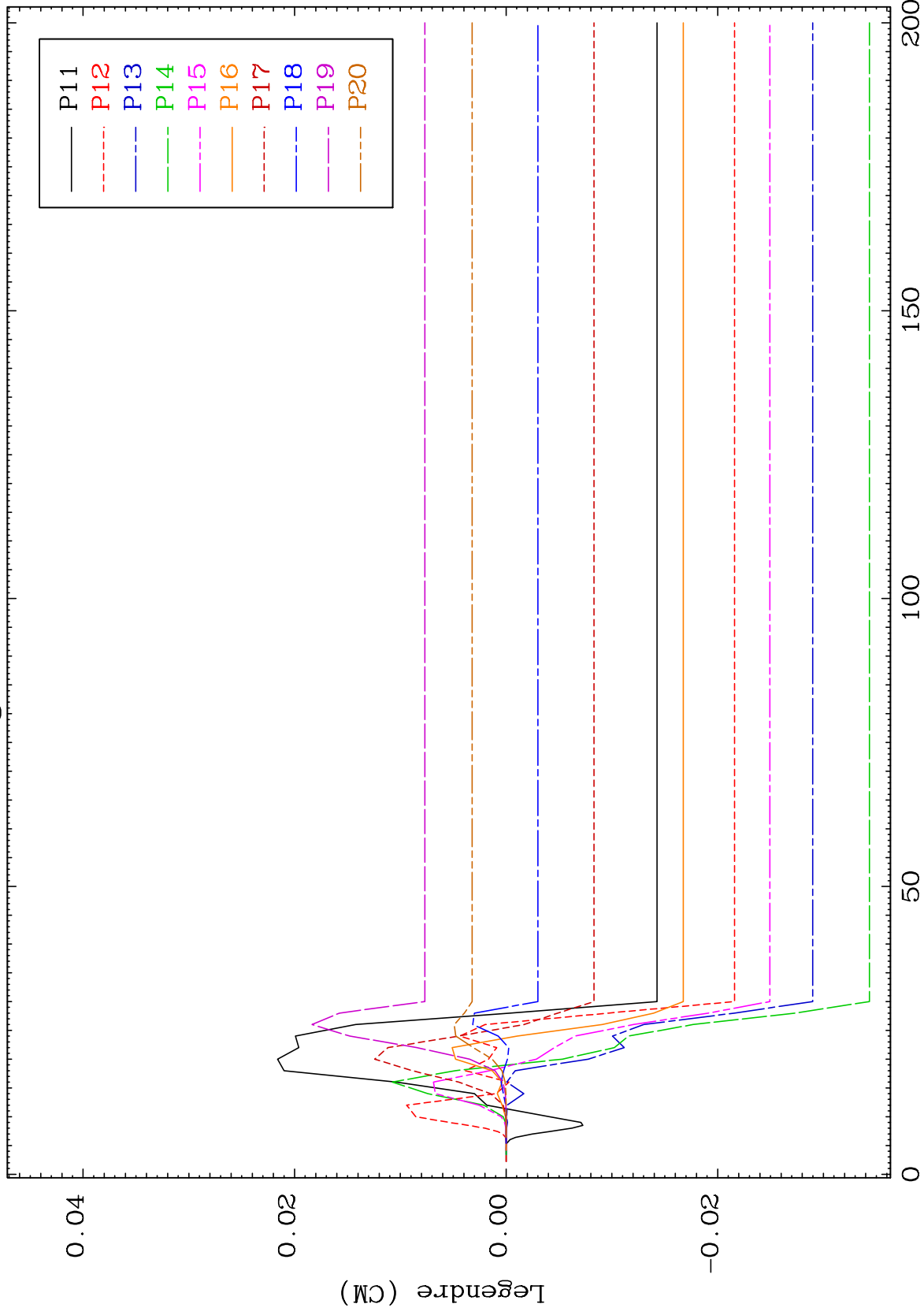
Incident Energy (MeV)

83-Bi-207

MAT 8319

1.459 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



69

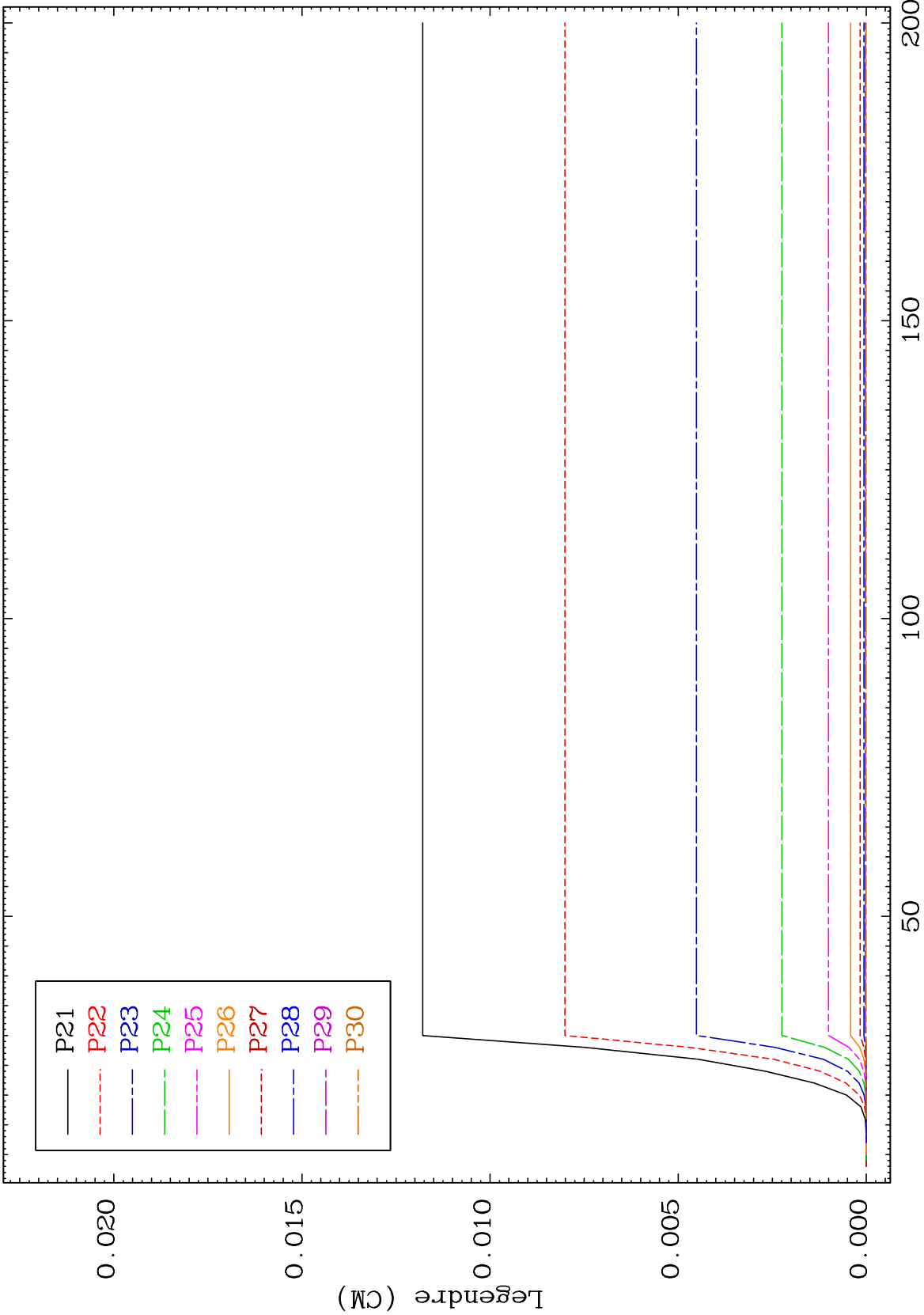
Incident Energy (MeV)

83-Bi-207

MAT 8319

1.459 MeV (n,n') Level
Legendre Coefficients

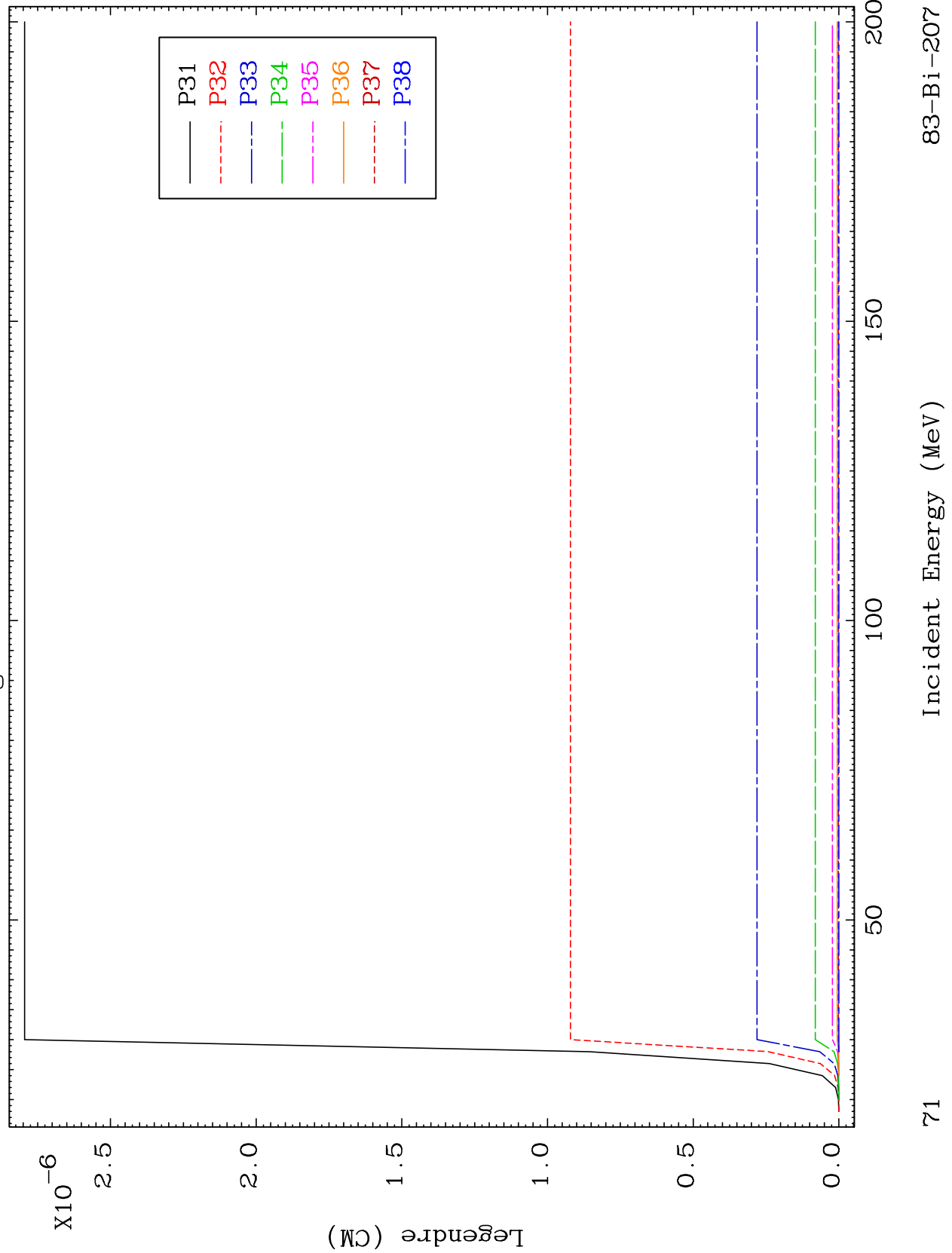
83-Bi-207



70

Incident Energy (MeV)

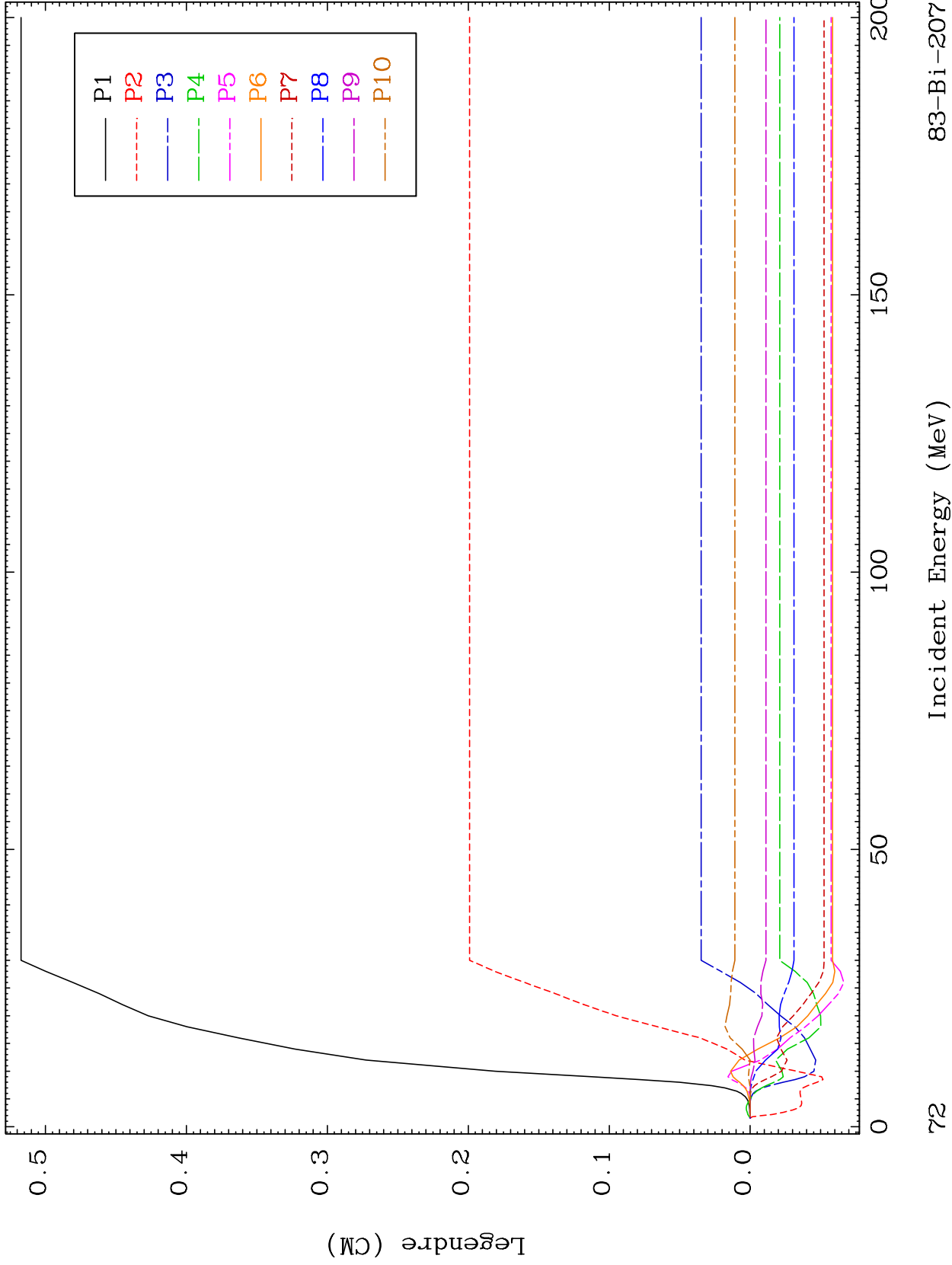
83-Bi-207



MAT 8319

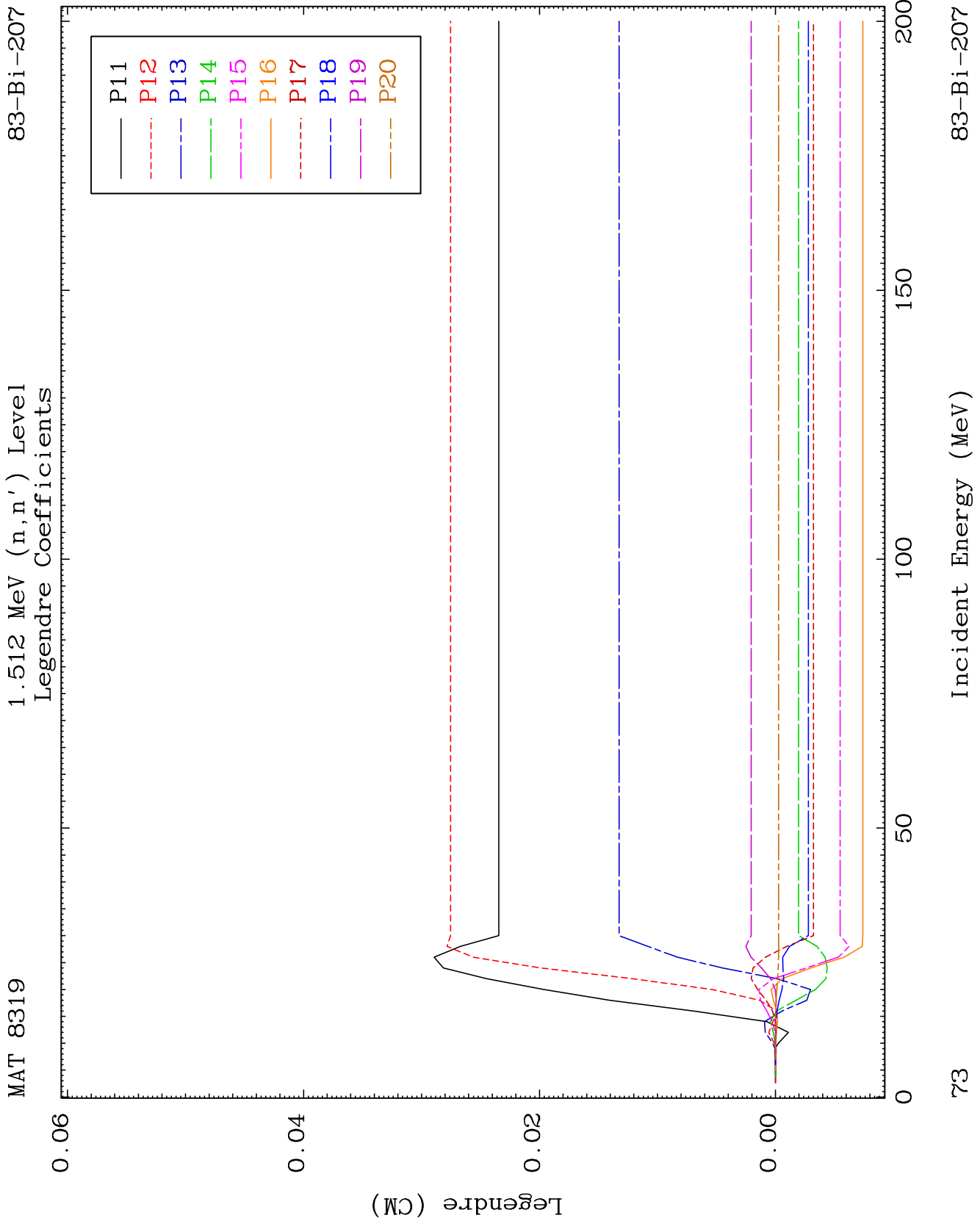
1.512 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



72

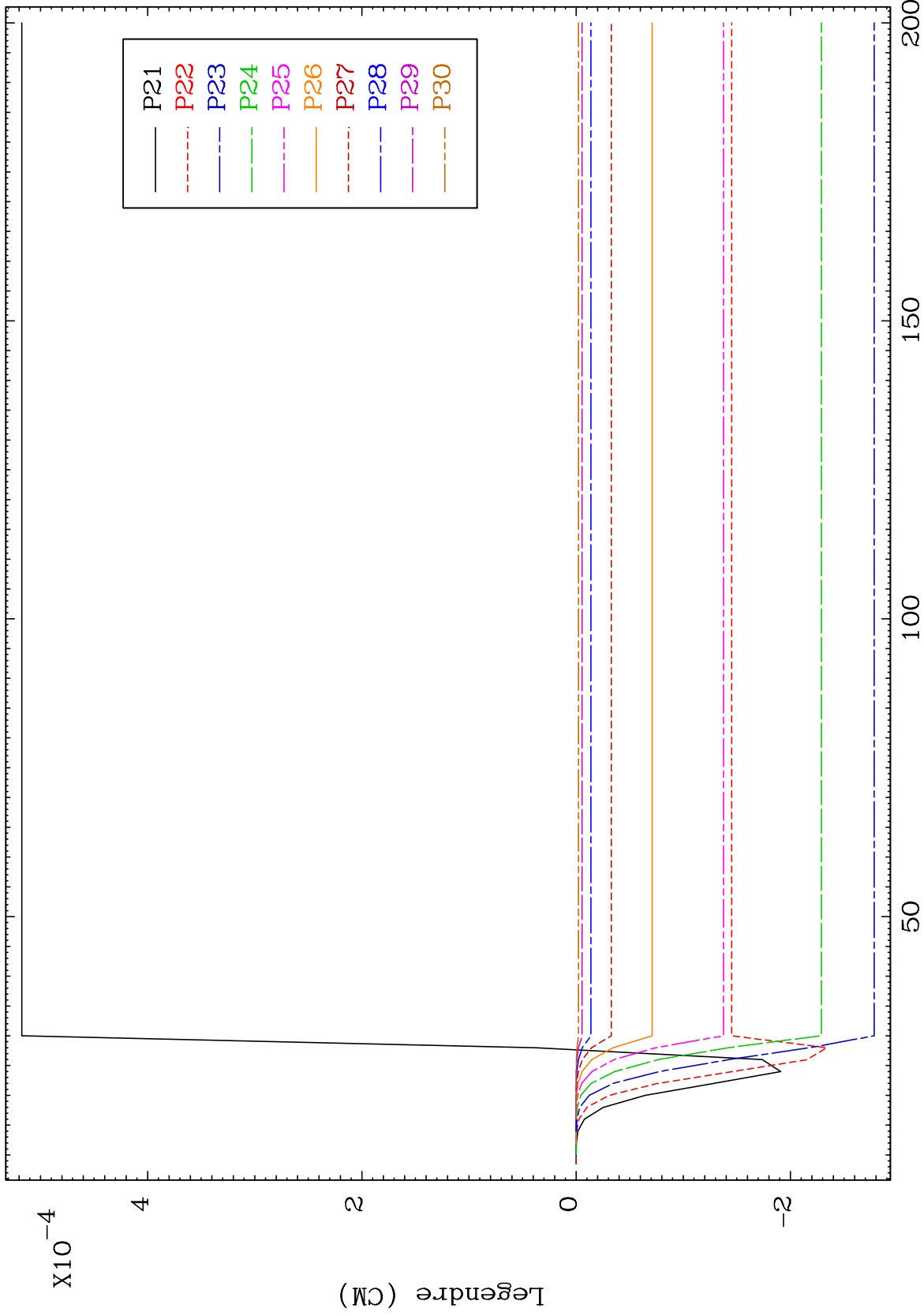
83-Bi-207



MAT 8319

1.512 MeV (n,n') Level
Legendre Coefficients

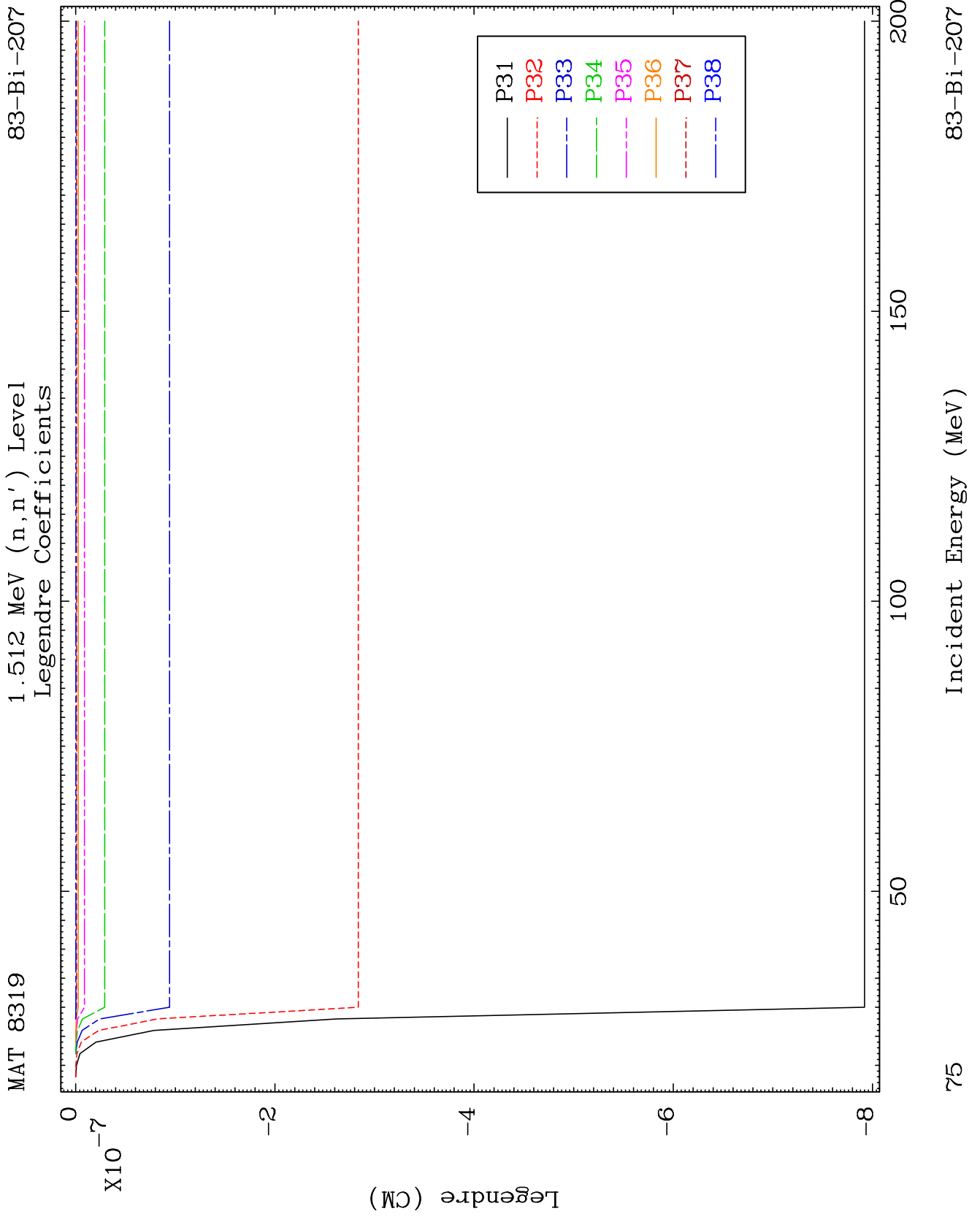
83-Bi-207



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Incident Energy (MeV)

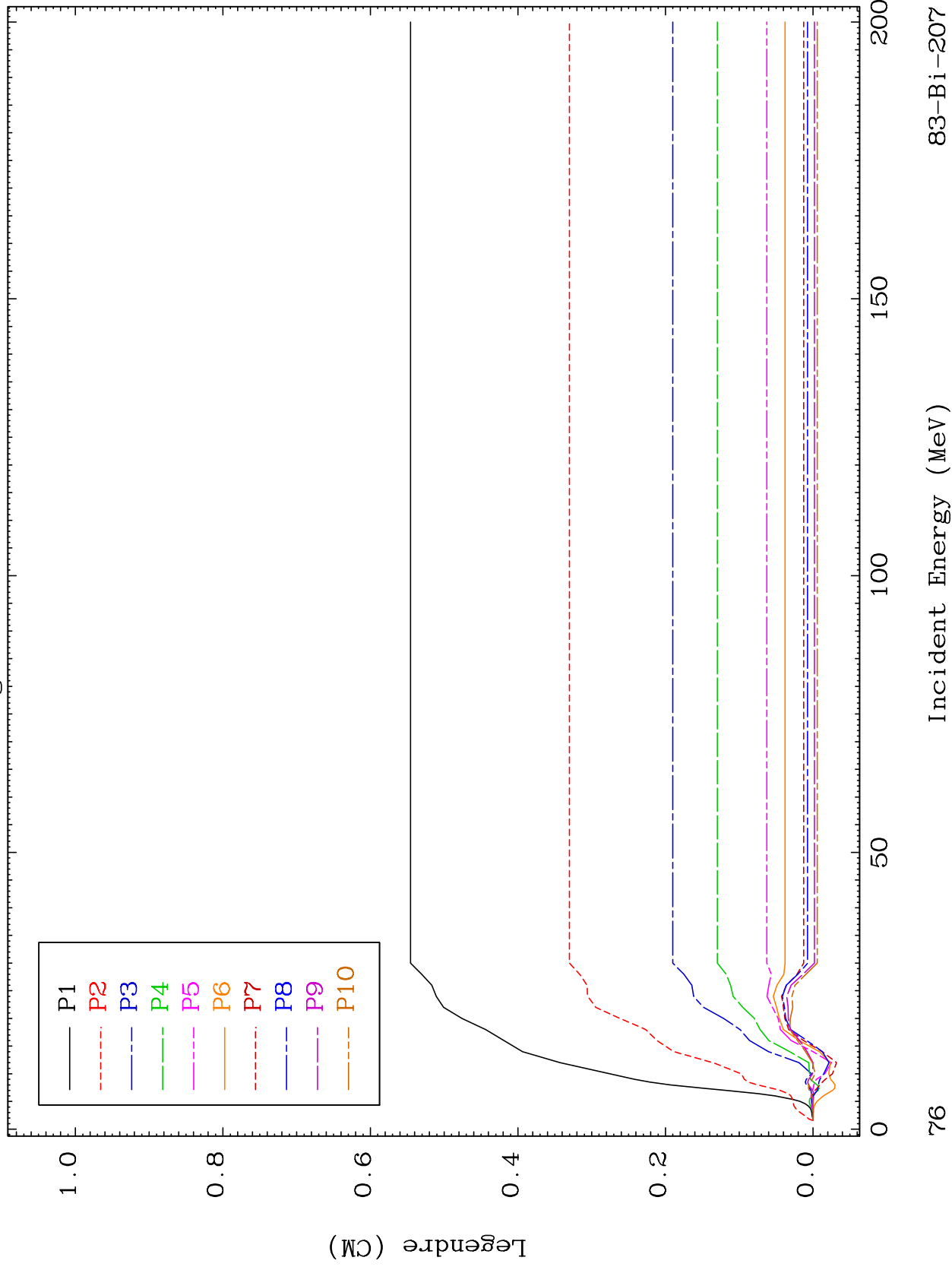
83-Bi-207



MAT 8319

1.556 MeV (n, n') Level
Legendre Coefficients

83-Bi-207



76

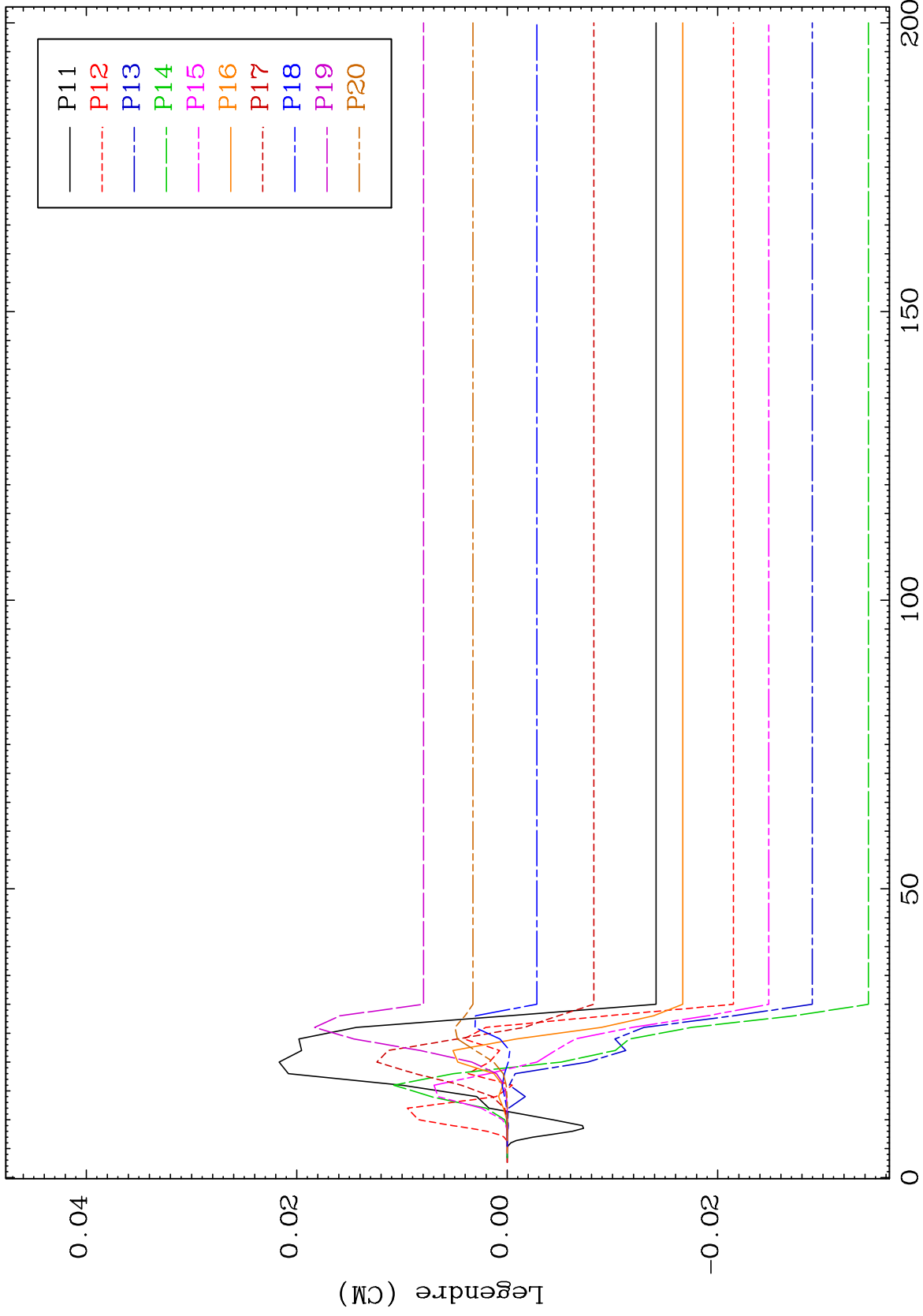
Incident Energy (MeV)

83-Bi-207

MAT 8319

1.556 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



77

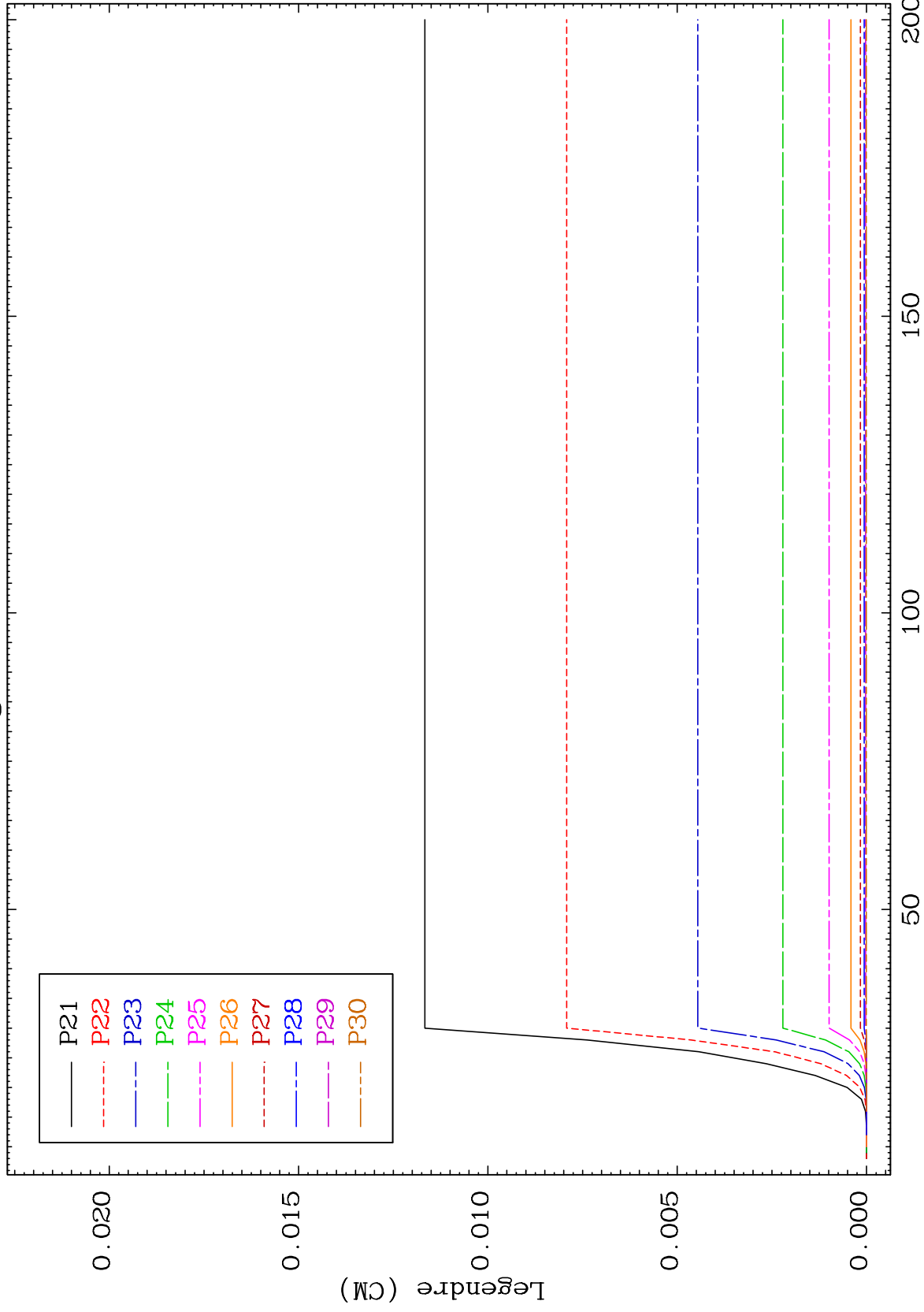
Incident Energy (MeV)

83-Bi-207

MAT 8319

1.556 MeV (n,n') Level
Legendre Coefficients

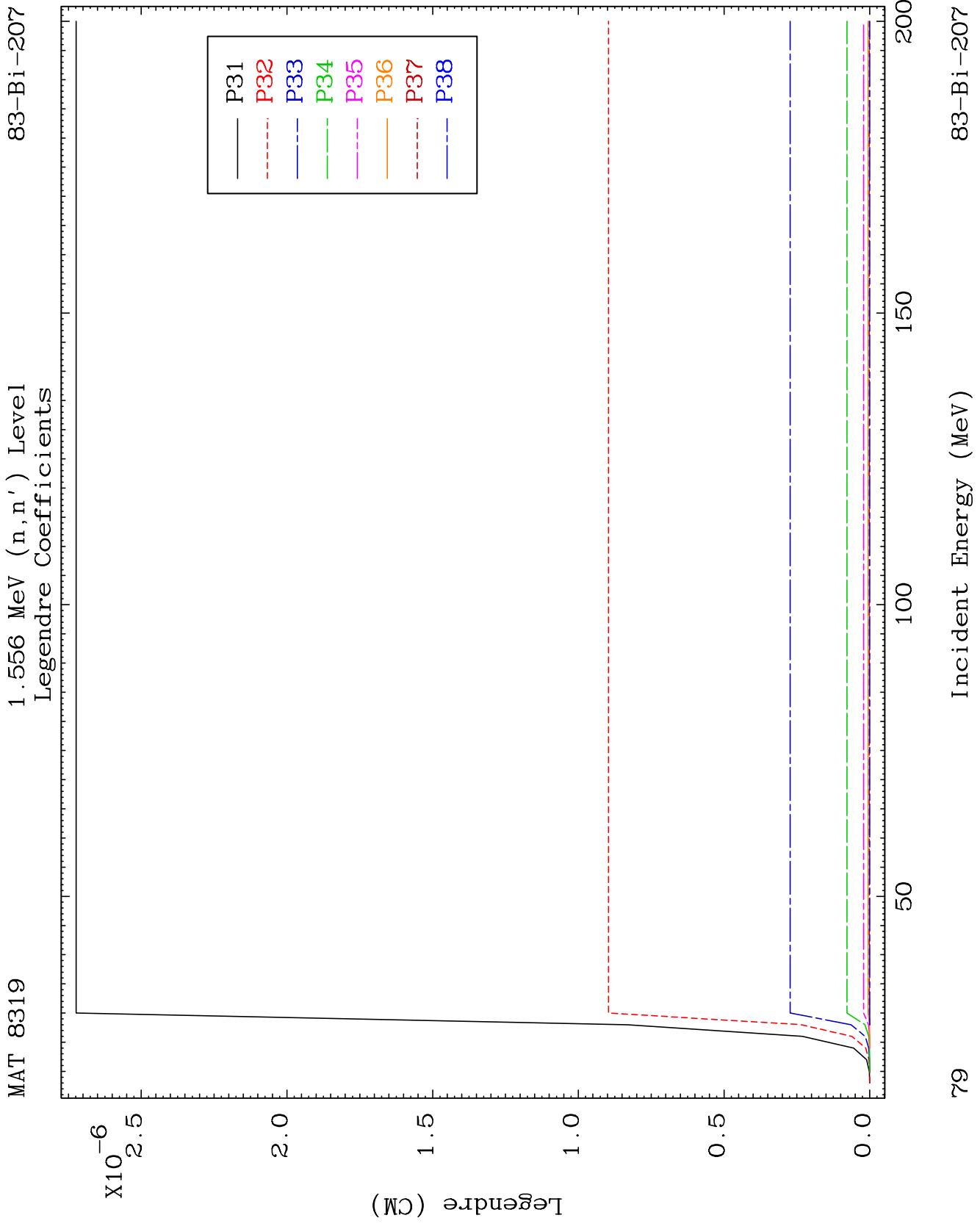
83-Bi-207



78

Incident Energy (MeV)

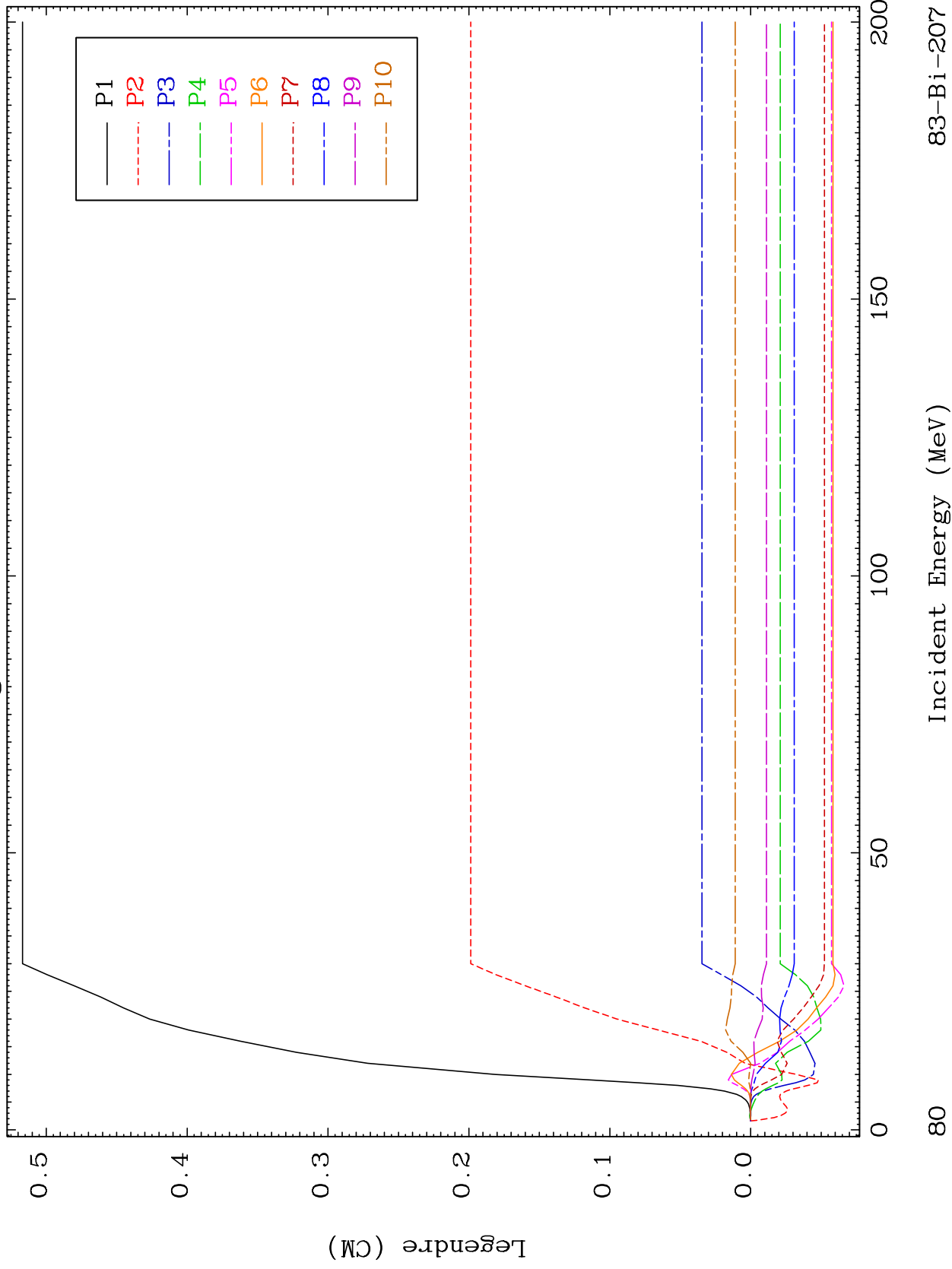
83-Bi-207



MAT 8319

1.588 MeV (n,n') Level
Legendre Coefficients

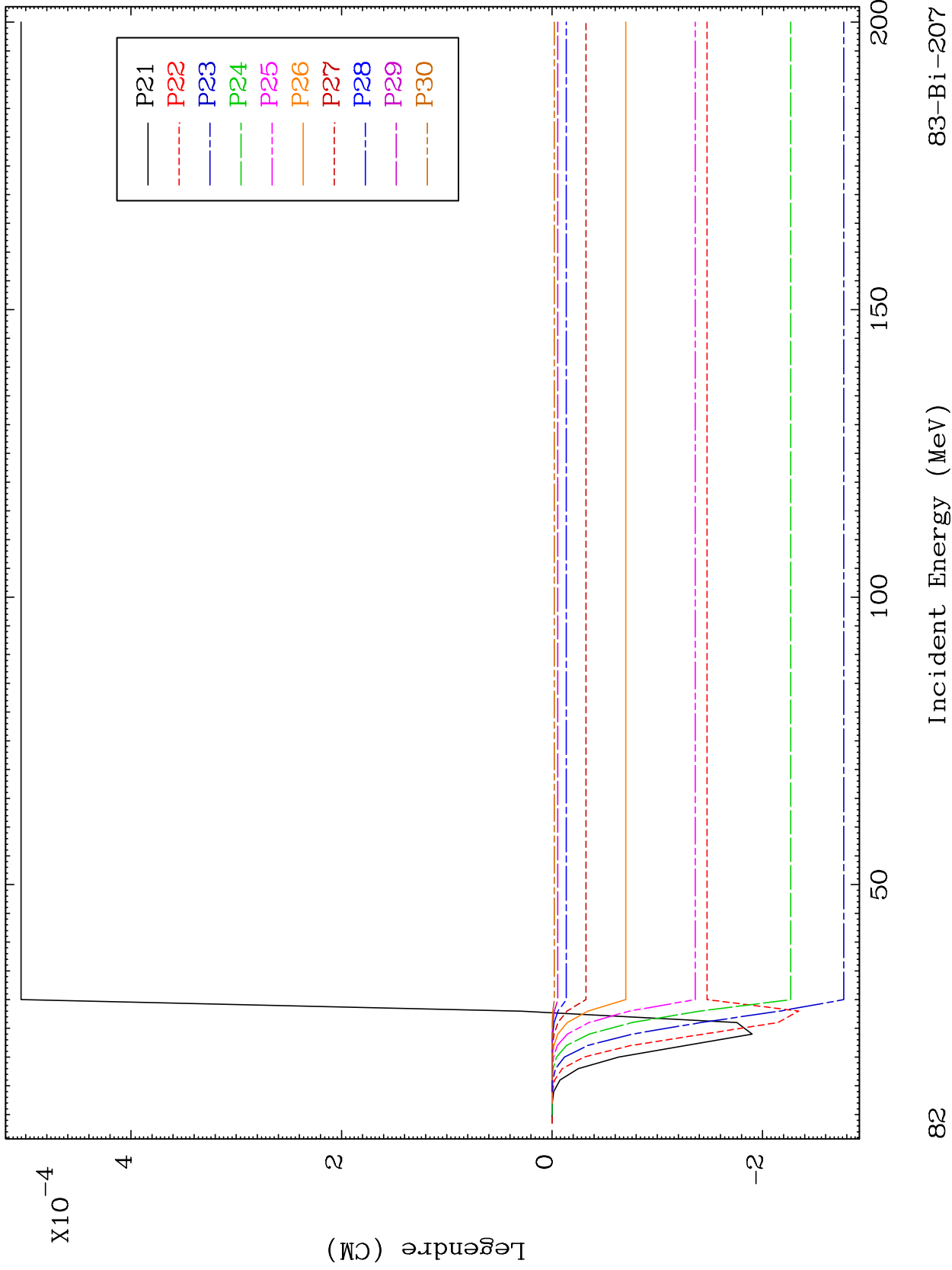
83-Bi-207



MAT 8319

1.588 MeV (n,n') Level
Legendre Coefficients

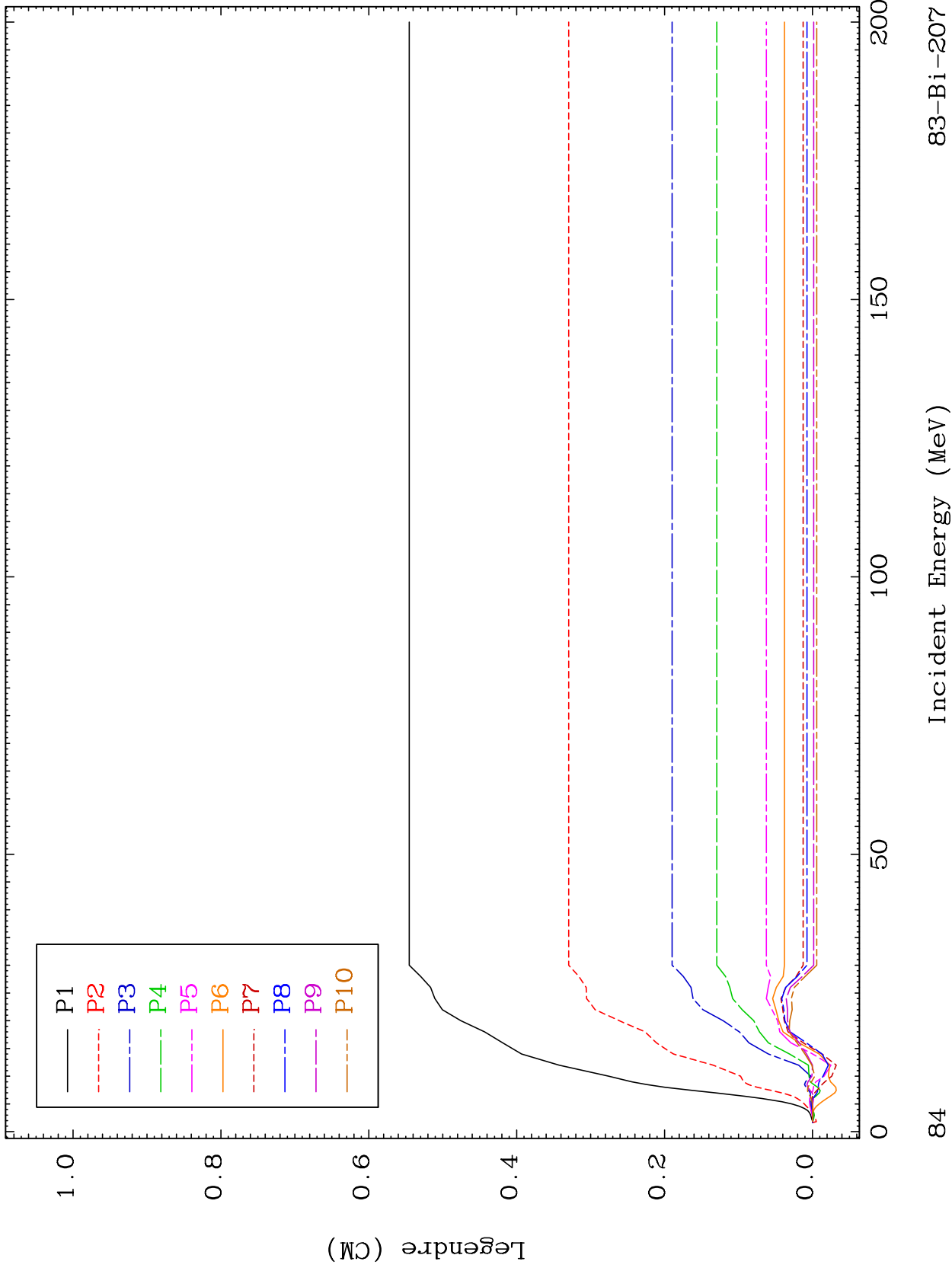
83-Bi-207



82

83-Bi-207

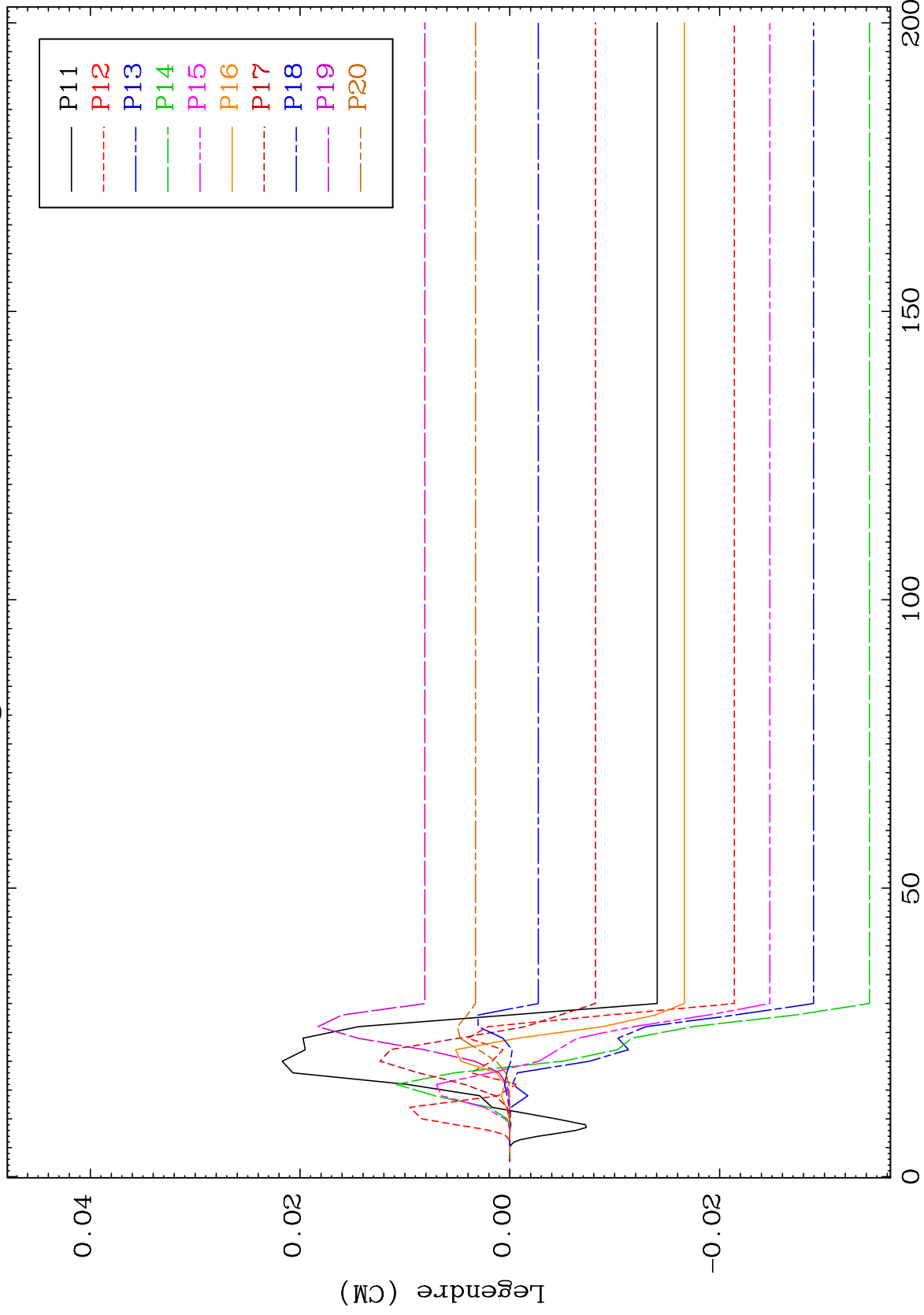
83-Bi-207



MAT 8319

1.608 MeV (n,n') Level
Legendre Coefficients

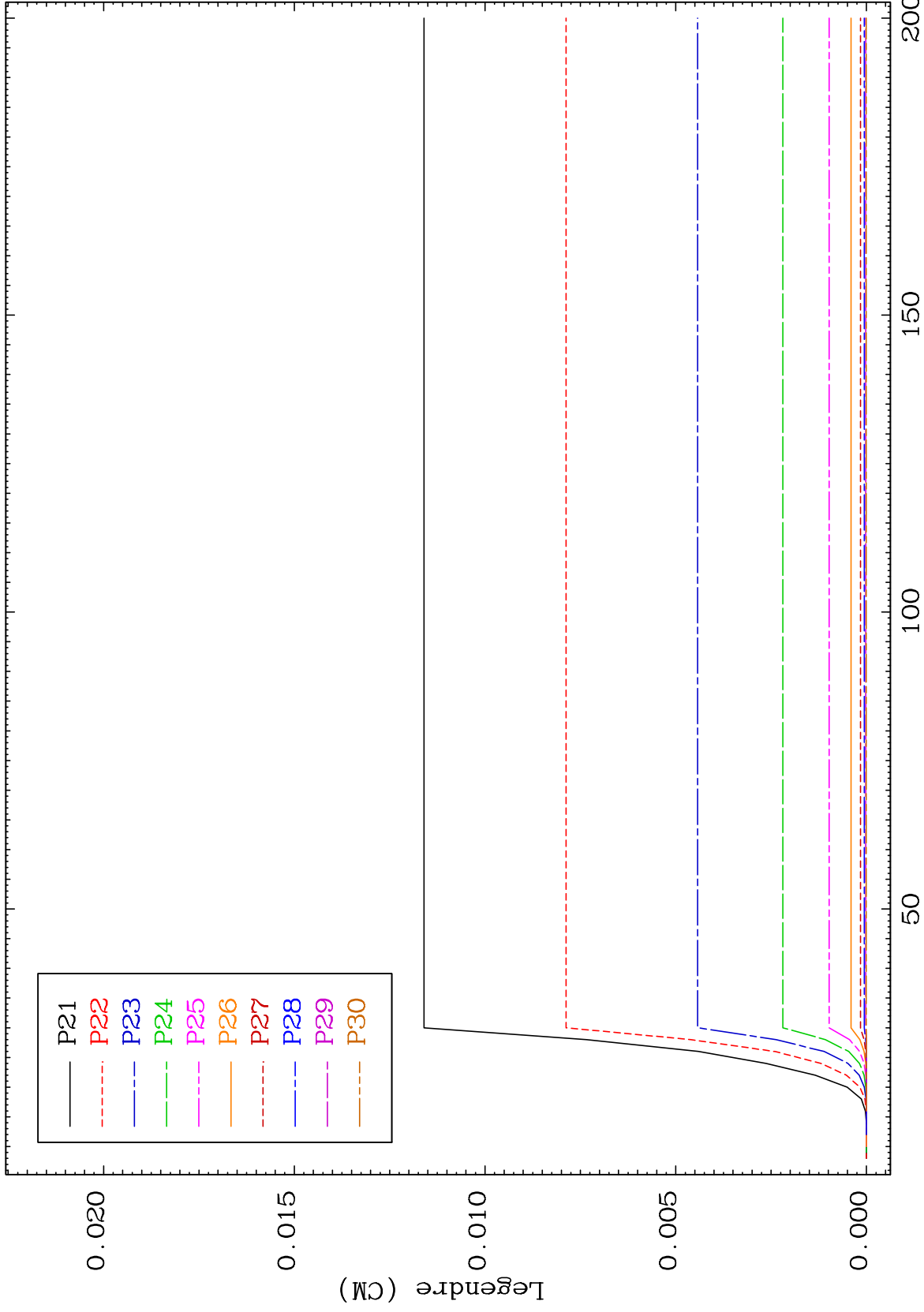
83-Bi-207

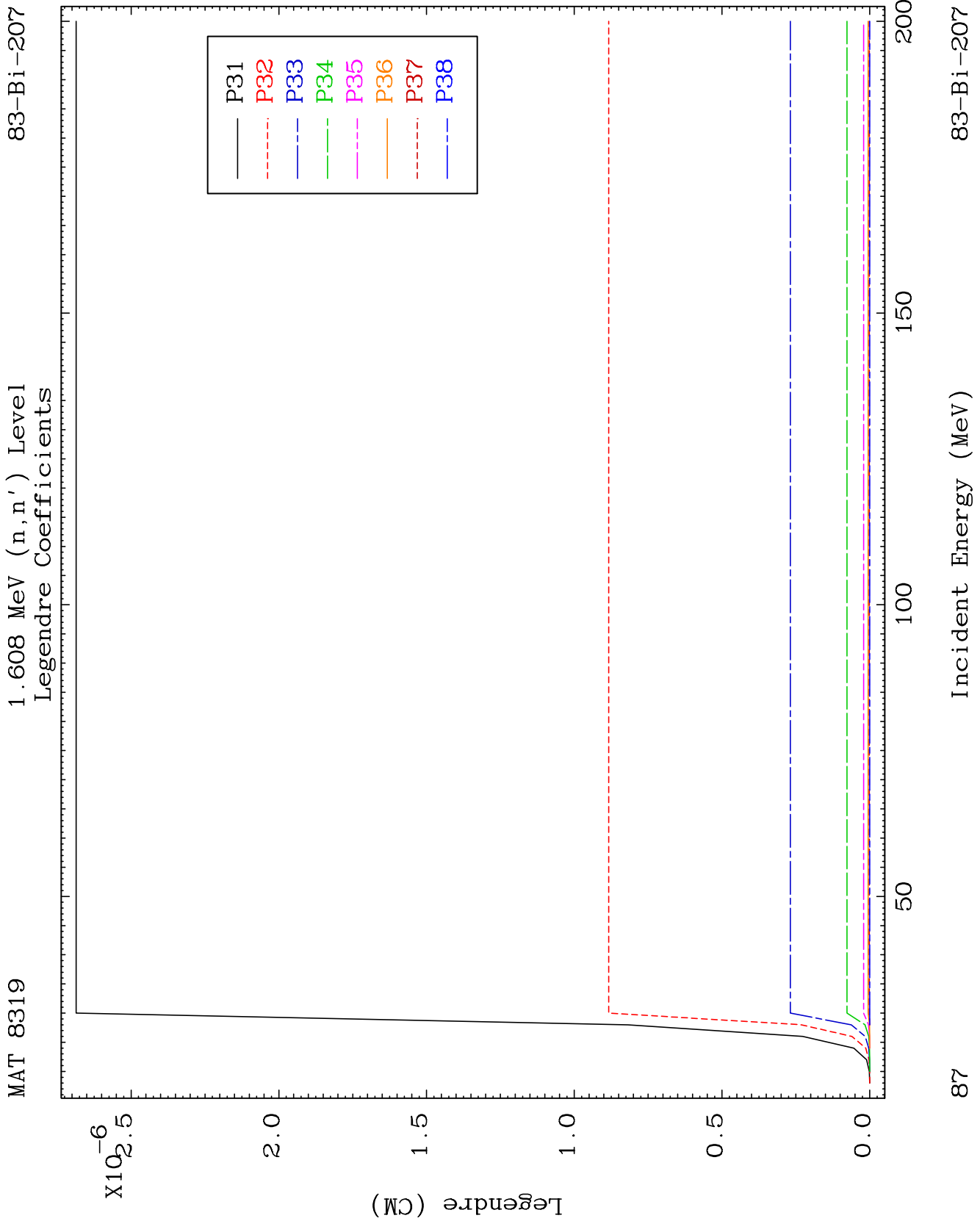


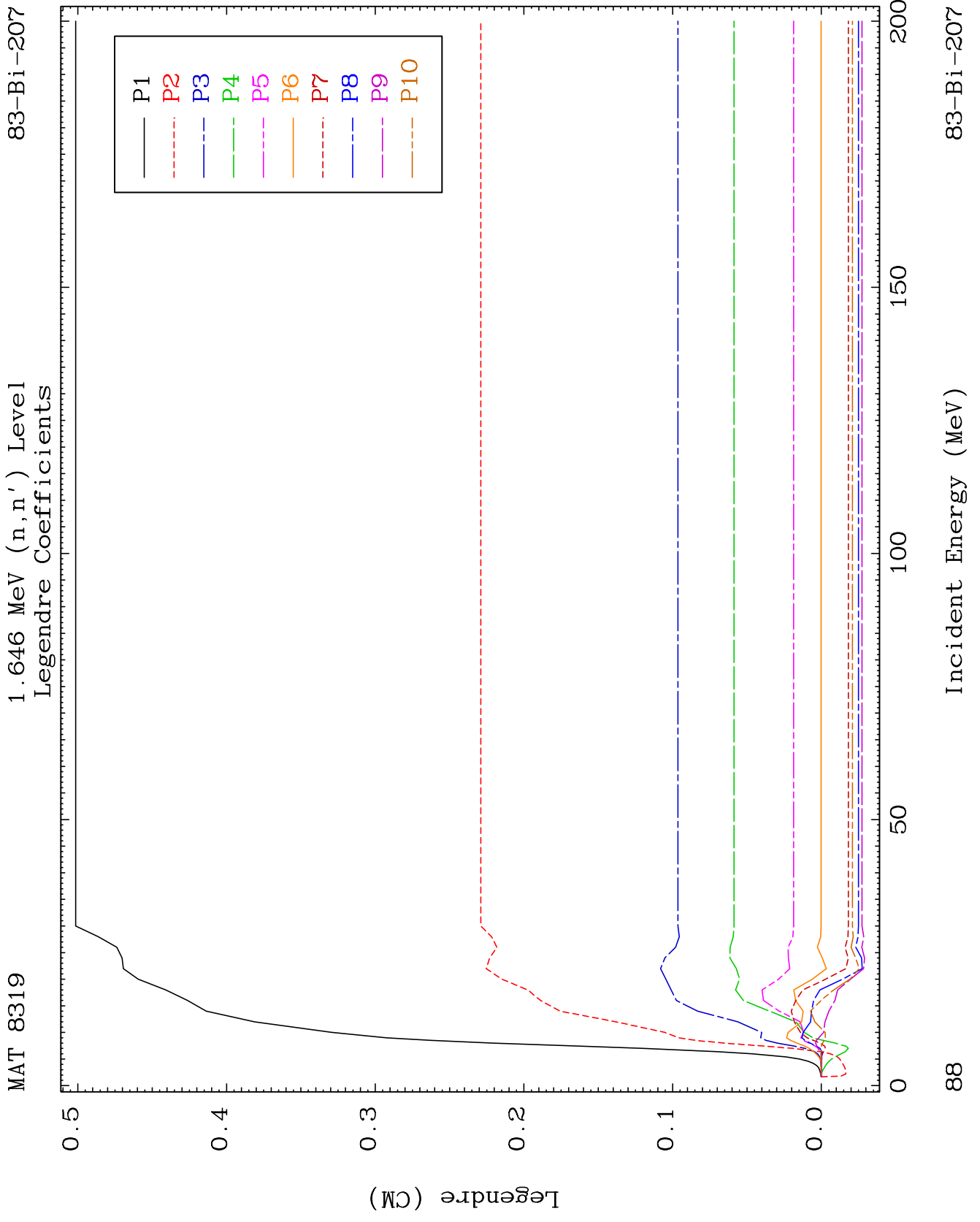
85

Incident Energy (MeV)

83-Bi-207



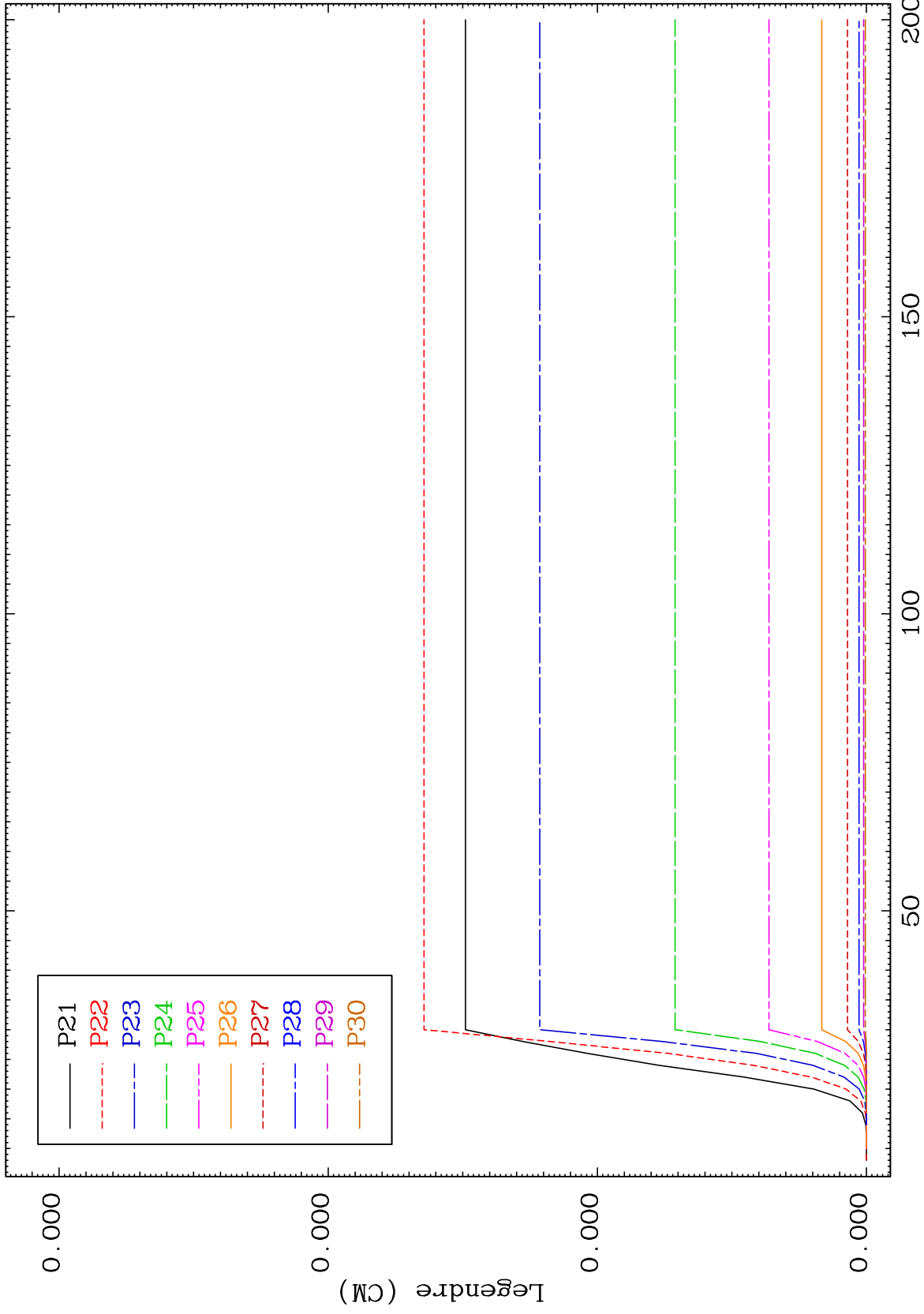




MAT 8319

1.646 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



90

Incident Energy (MeV)

50

100

150

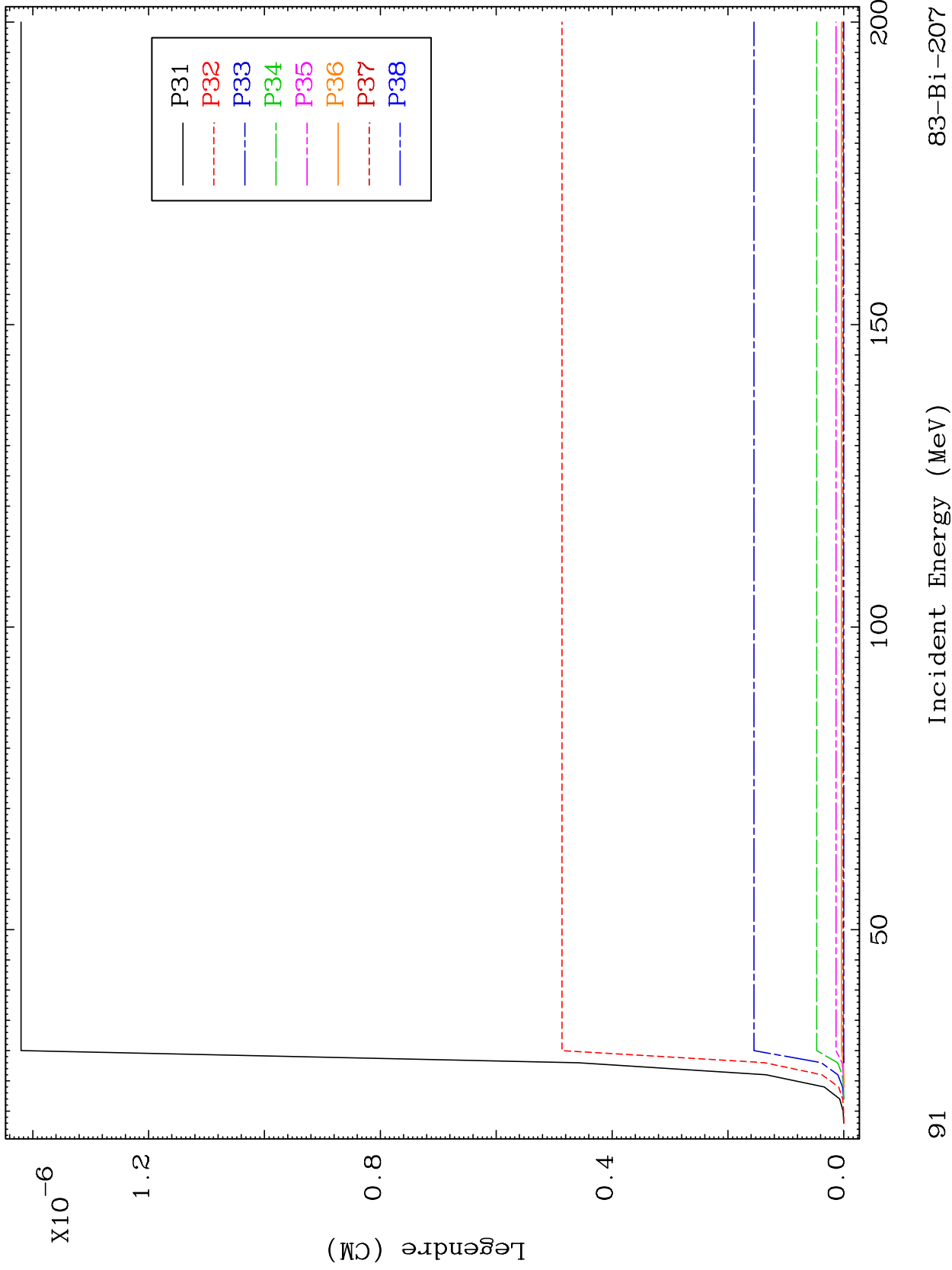
200

83-Bi-207

MAT 8319

1.646 MeV (n,n') Level
Legendre Coefficients

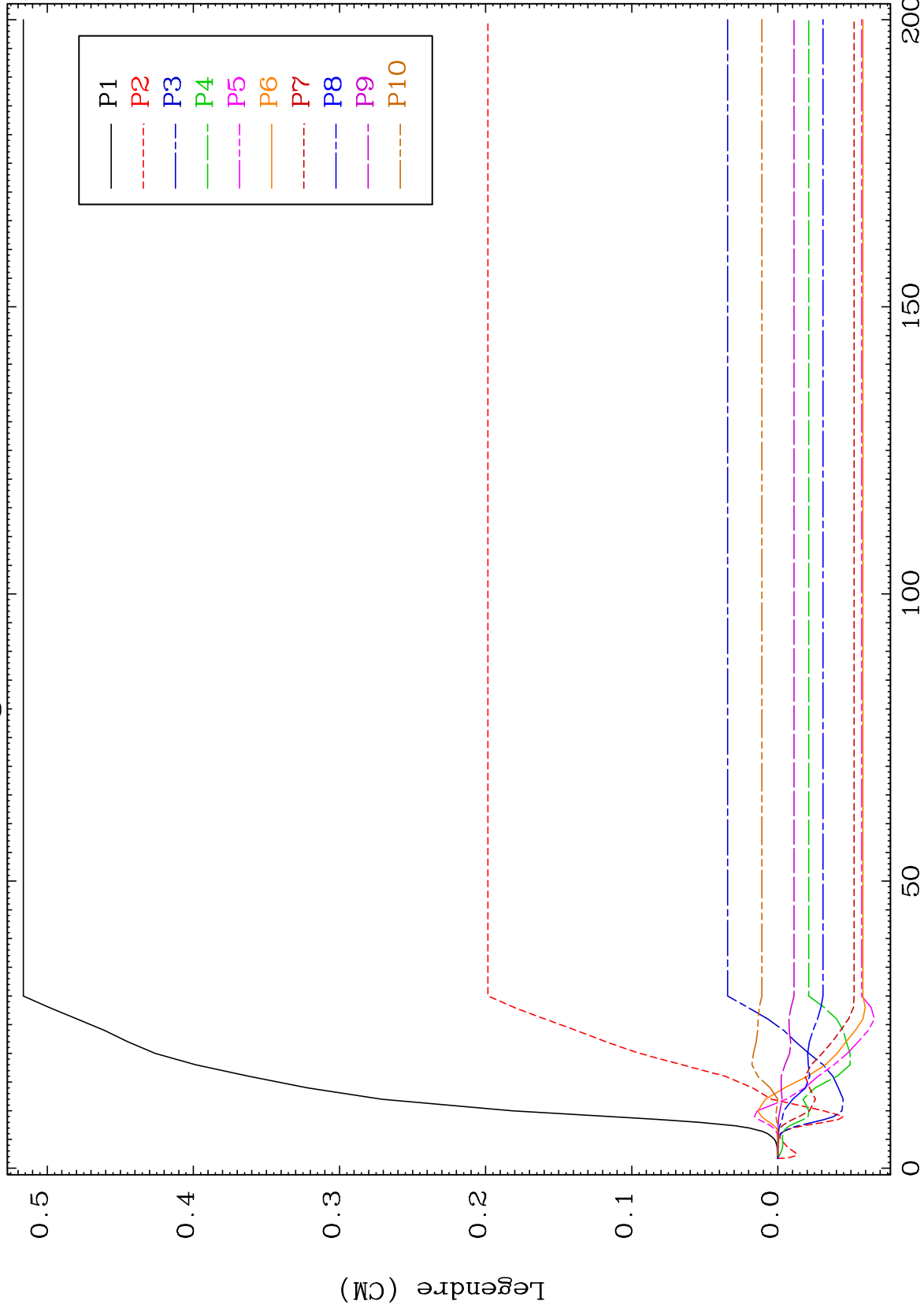
83-Bi-207



MAT 8319

1.667 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



92

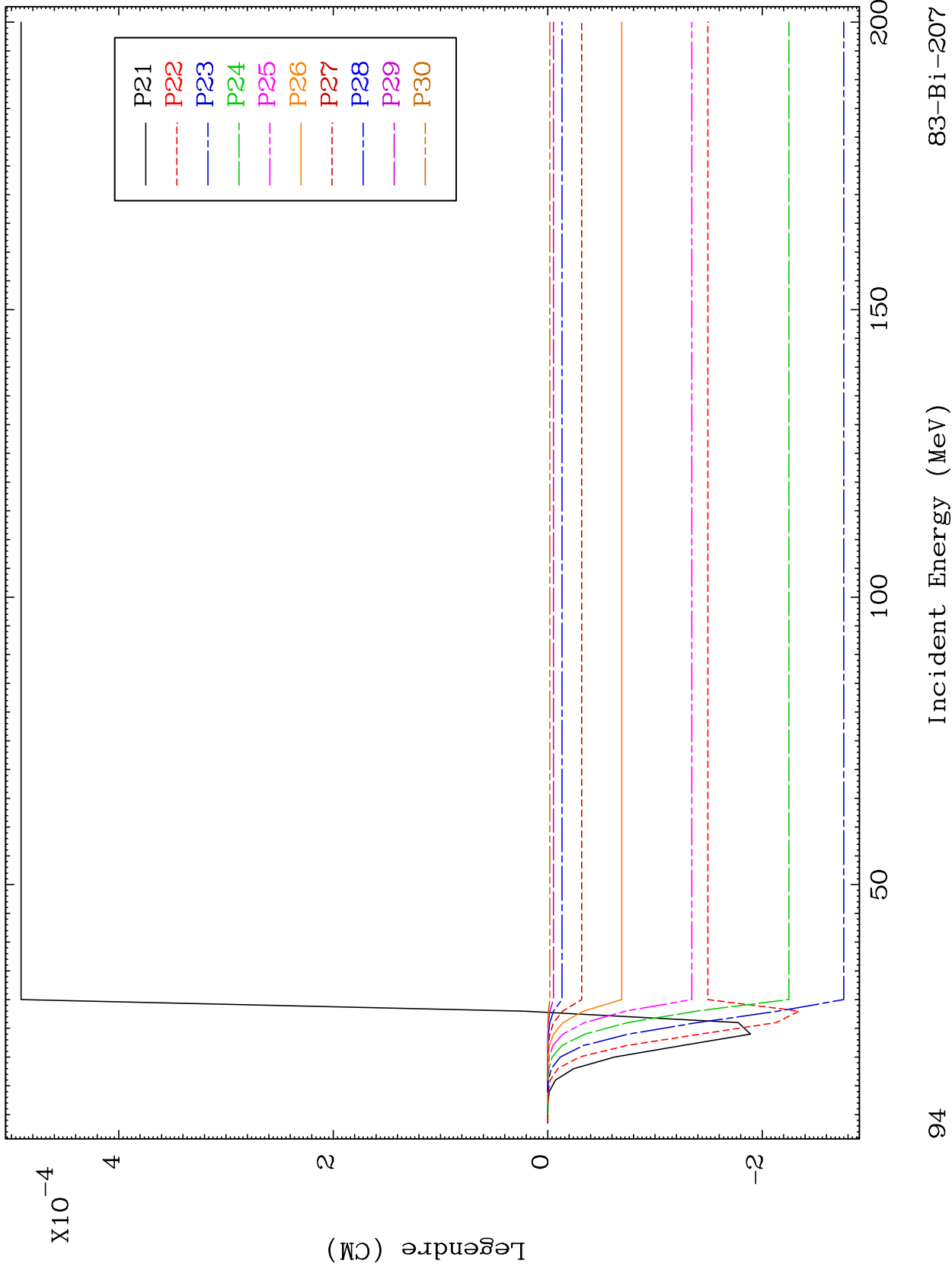
Incident Energy (MeV)

83-Bi-207

MAT 8319

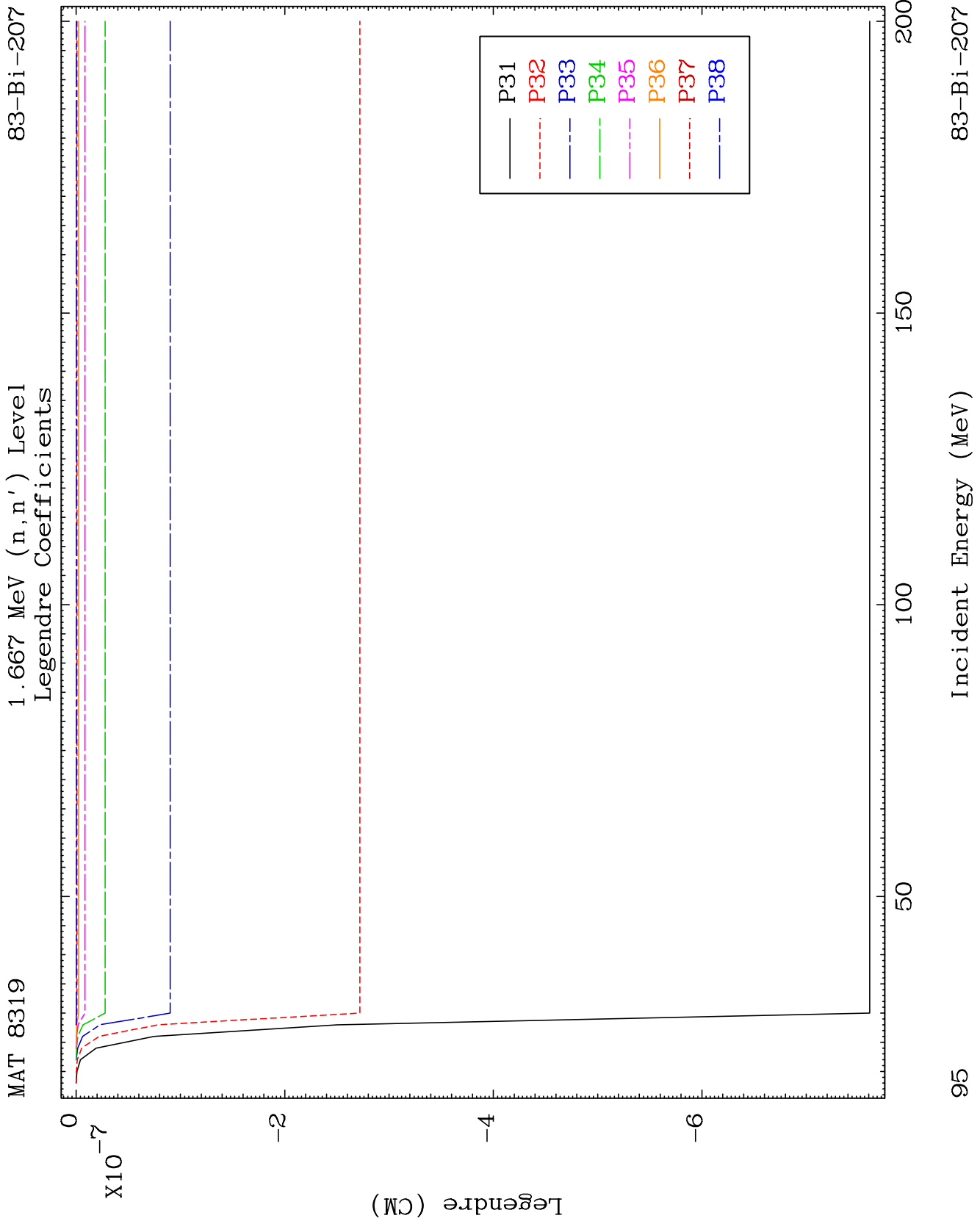
1.667 MeV (n,n') Level
Legendre Coefficients

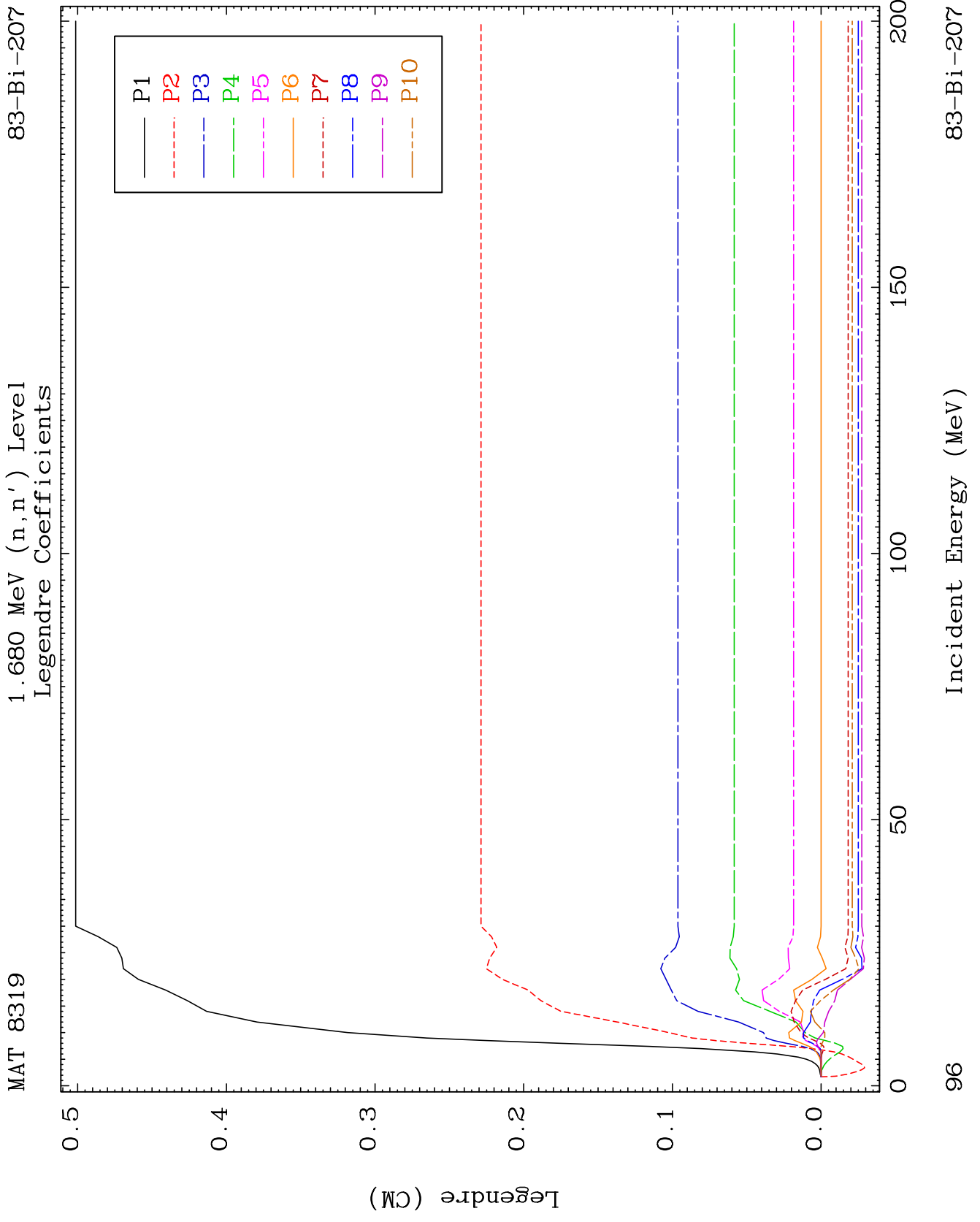
83-Bi-207

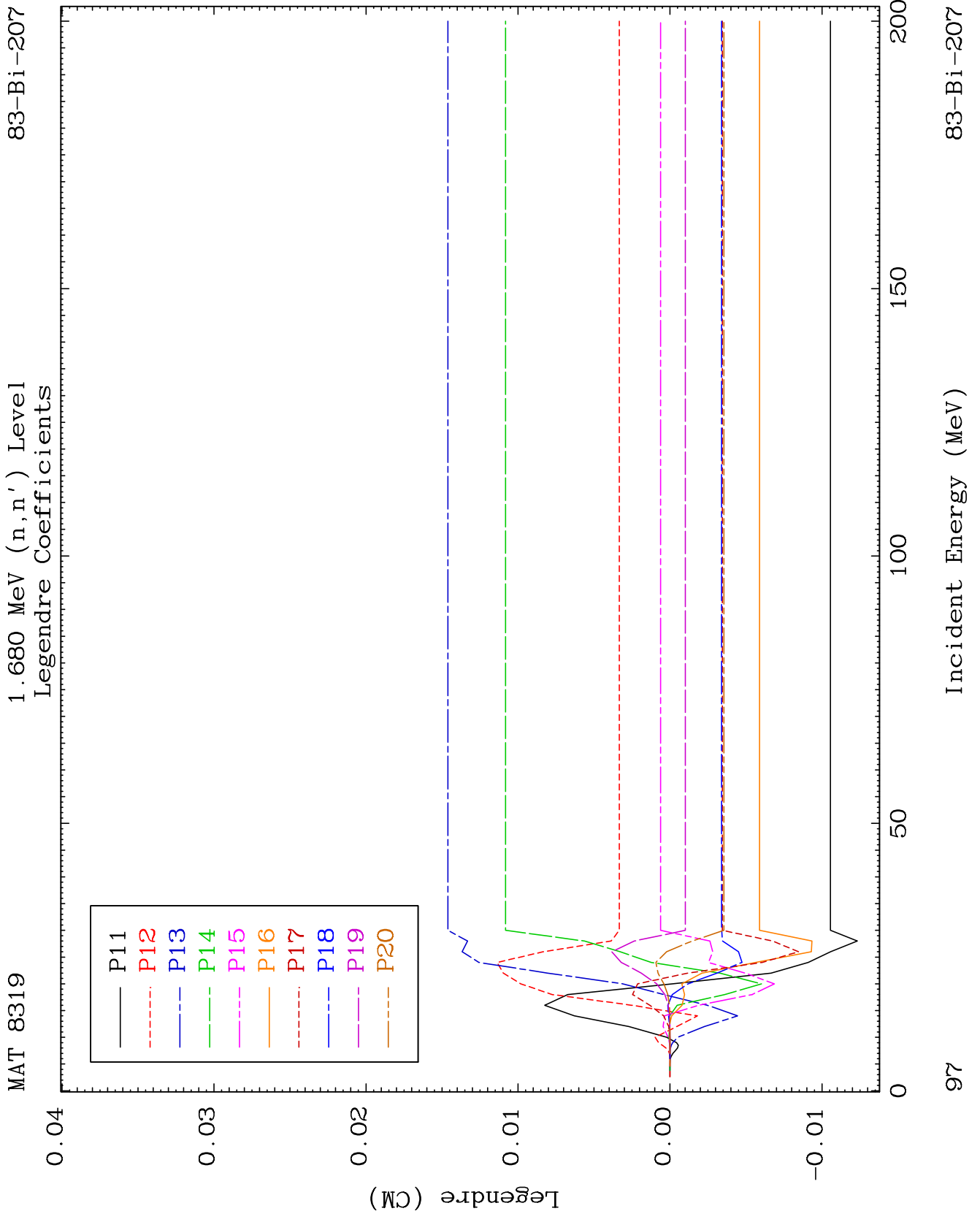


94

83-Bi-207



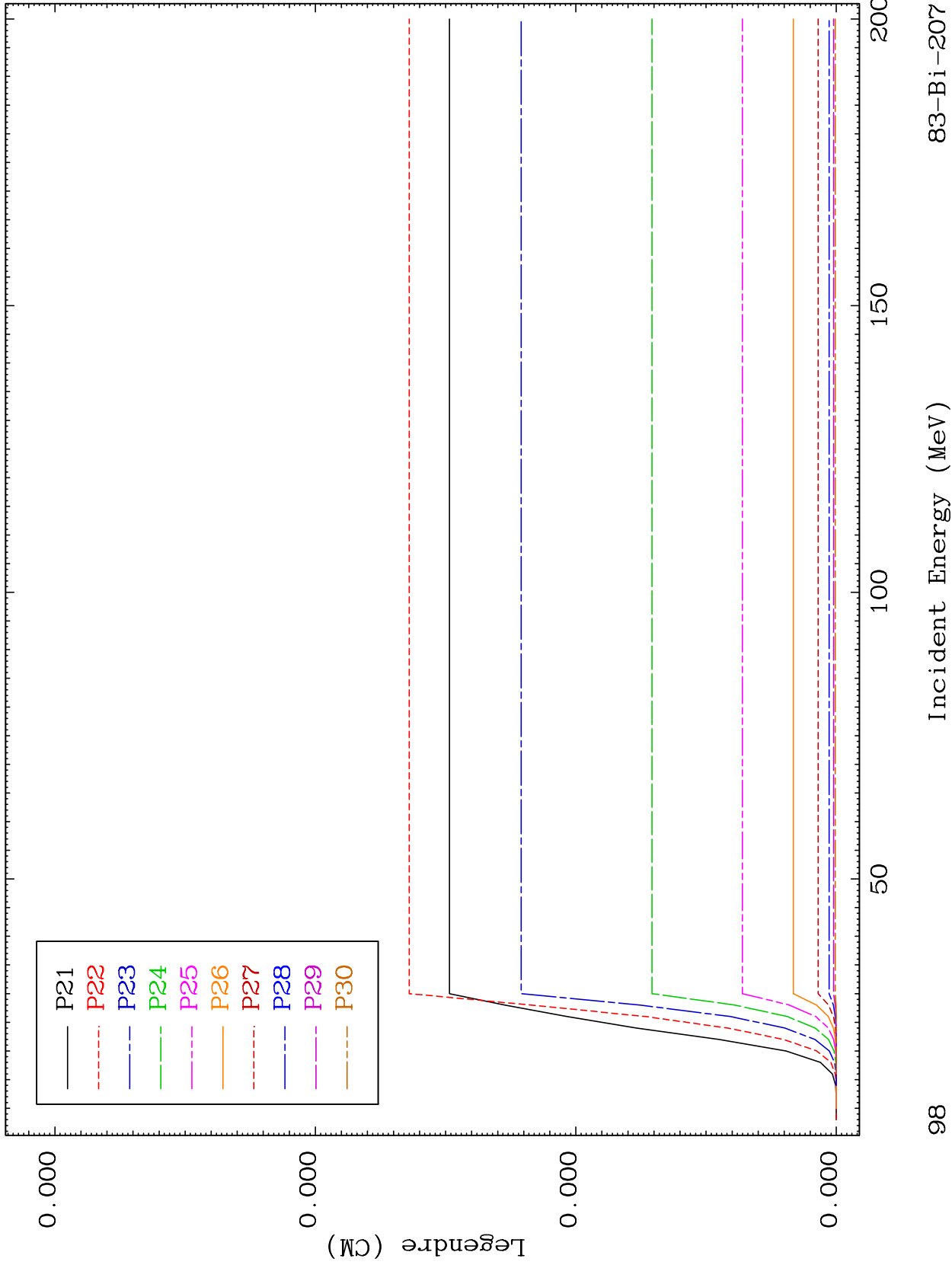




MAT 8319

1.680 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



98

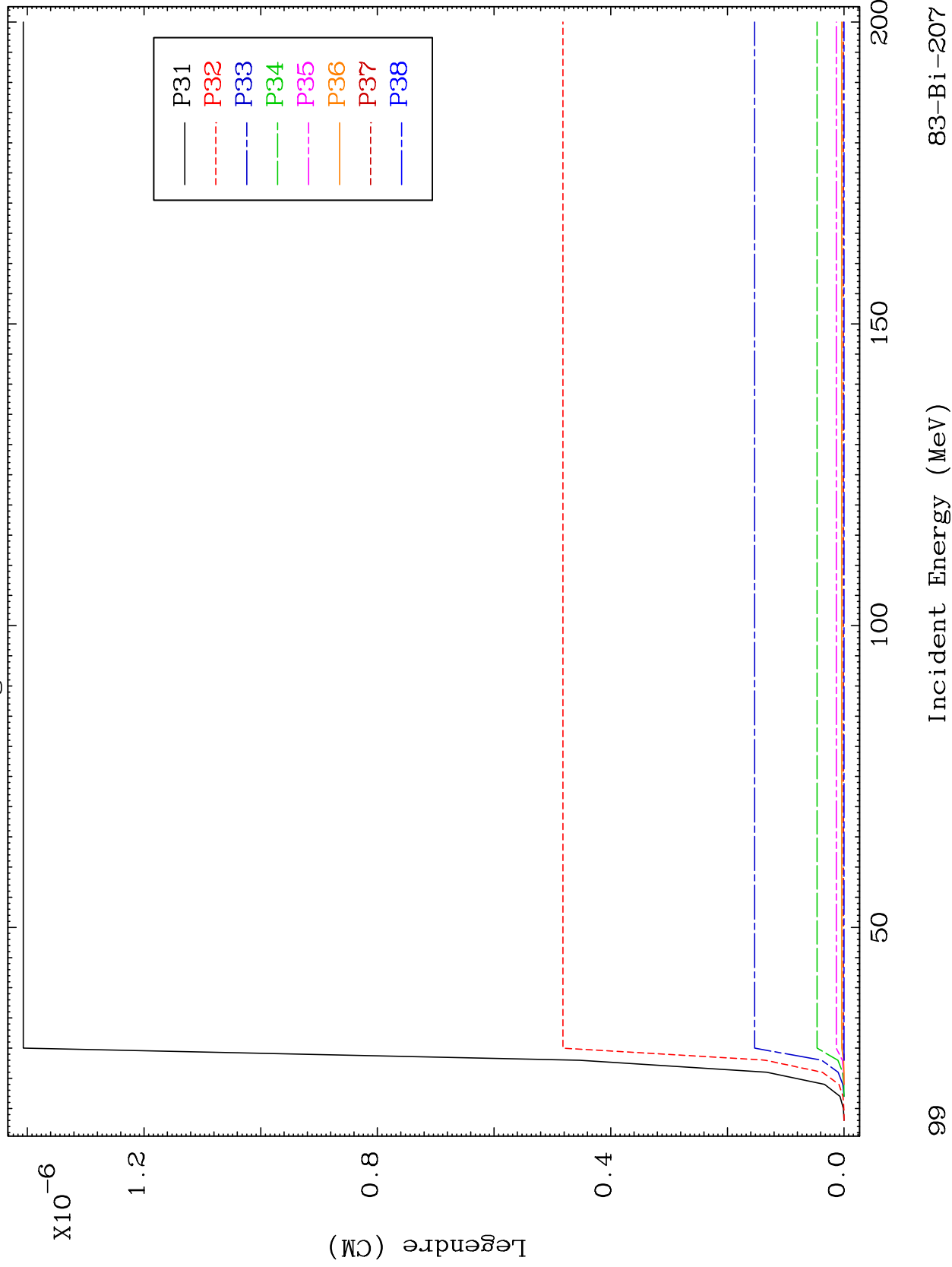
Incident Energy (MeV)

83-Bi-207

MAT 8319

1.680 MeV (n,n') Level
Legendre Coefficients

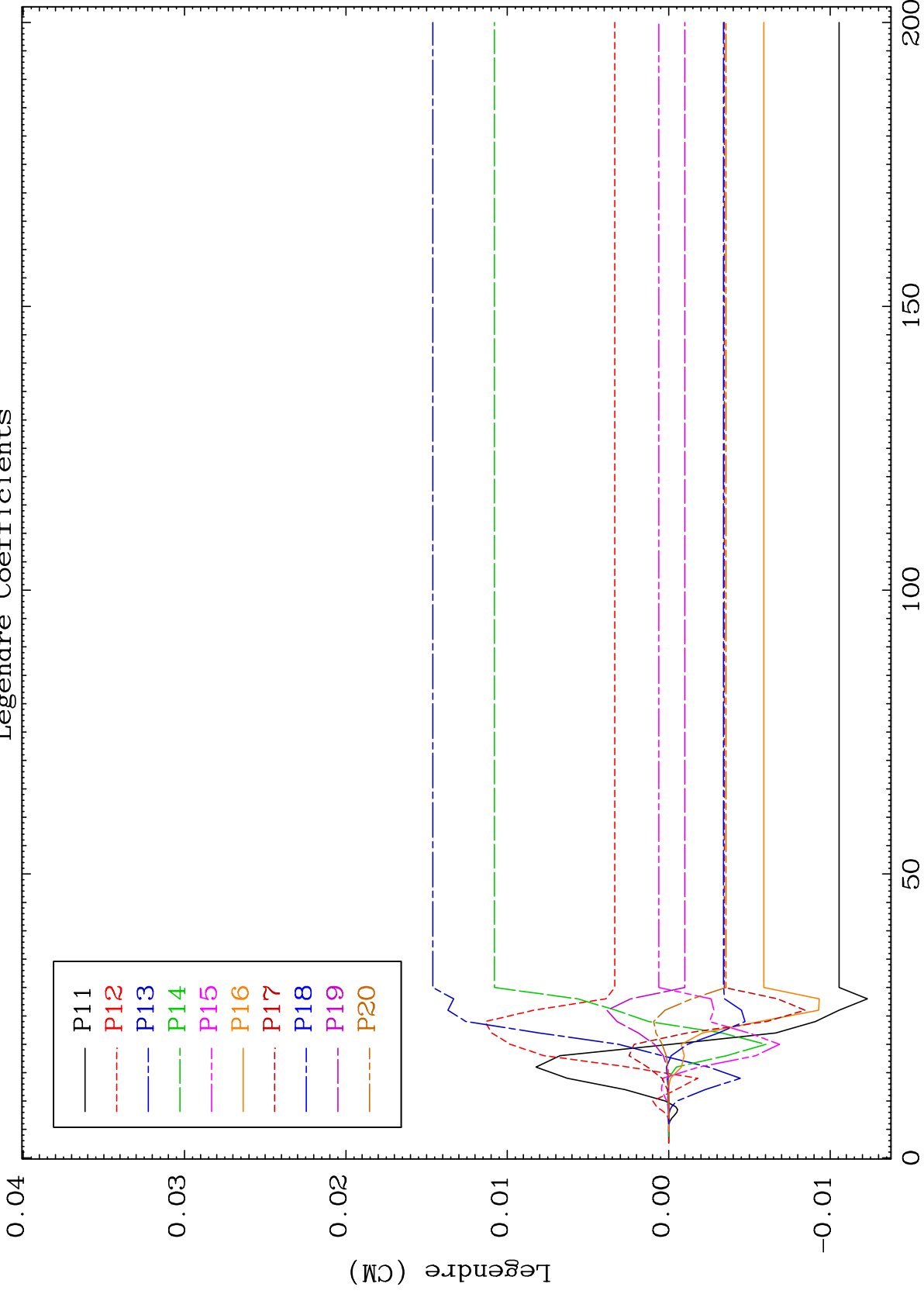
83-Bi-207



MAT 8319

1.691 MeV (n,n') Level
Legendre Coefficients

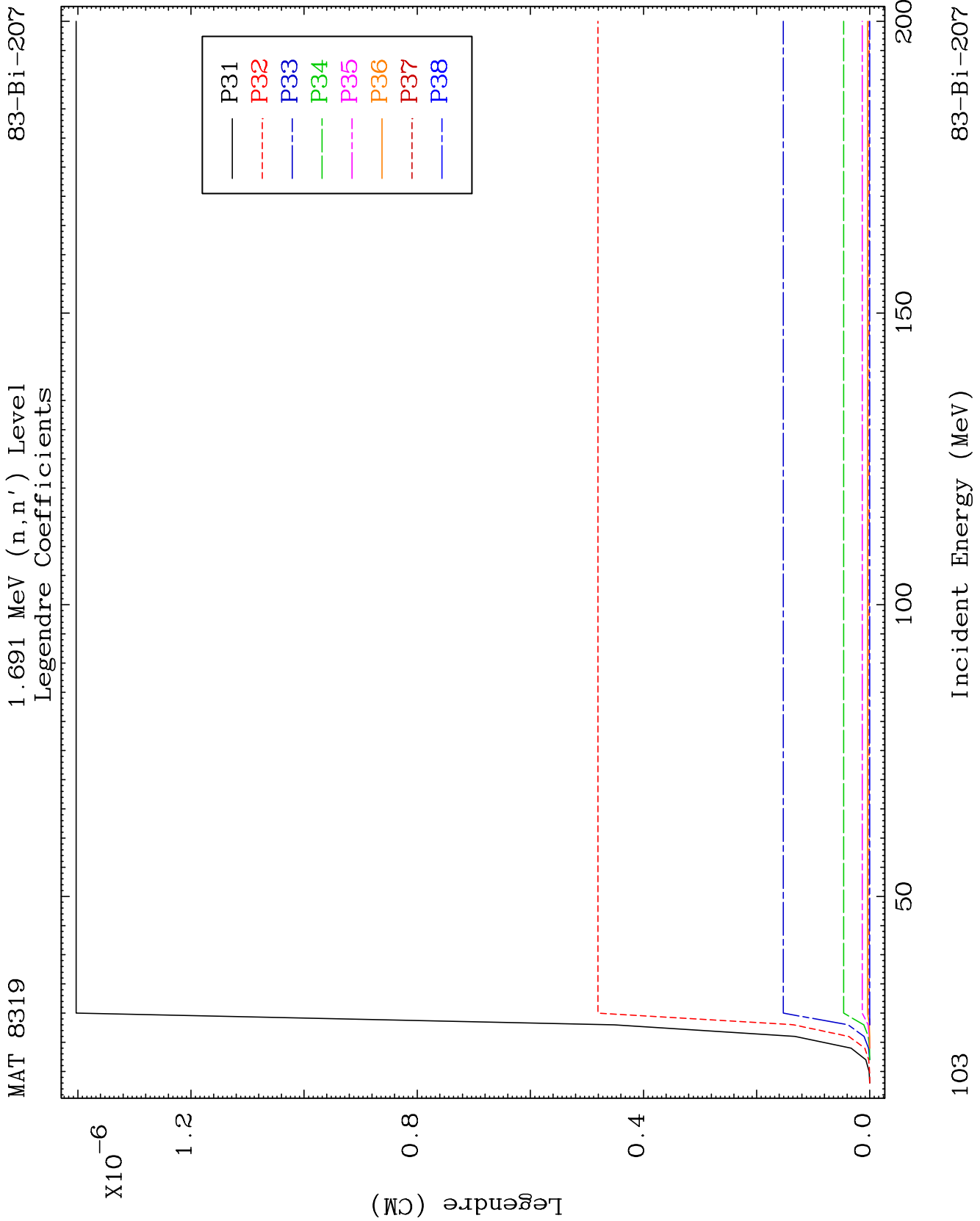
83-Bi-207

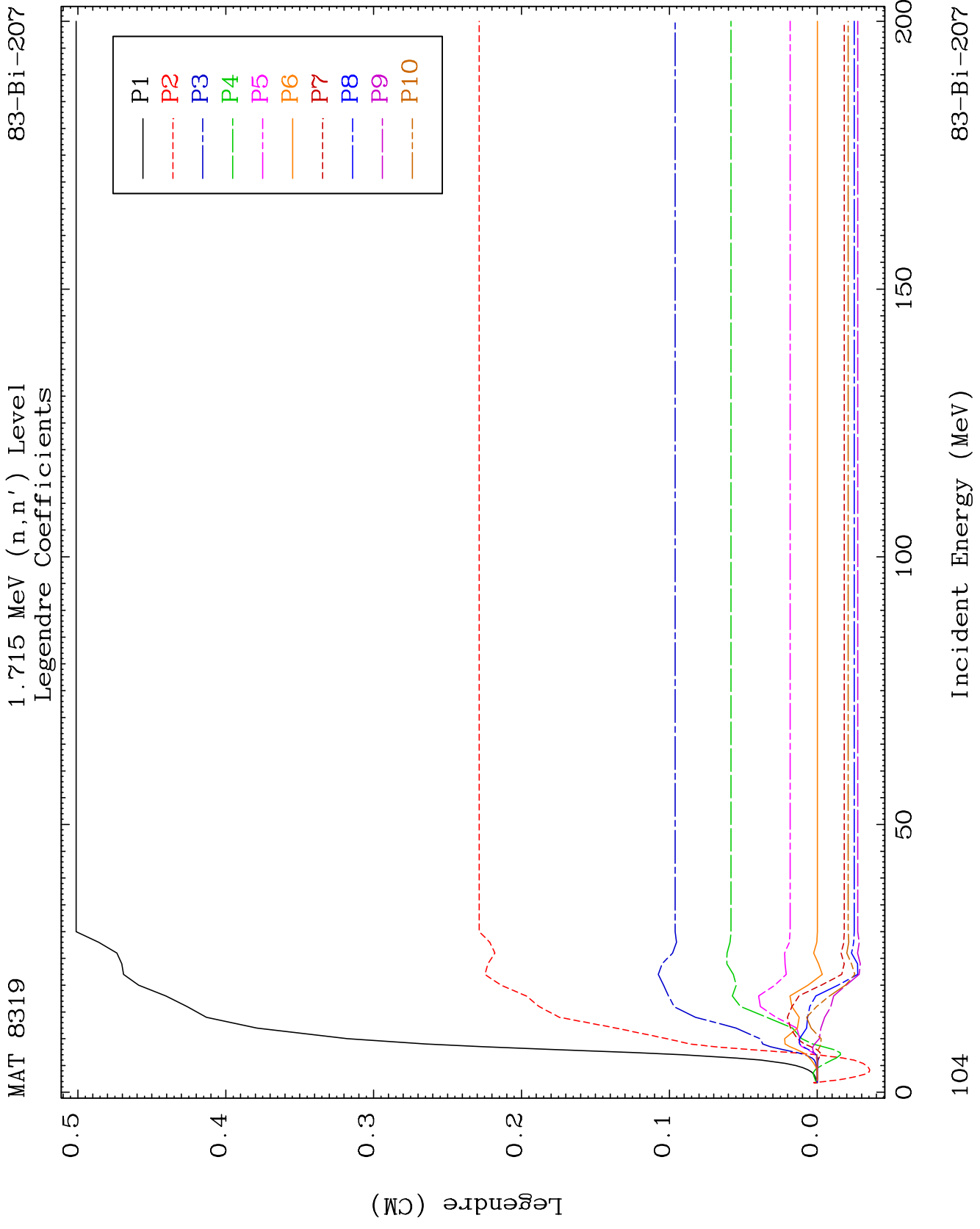


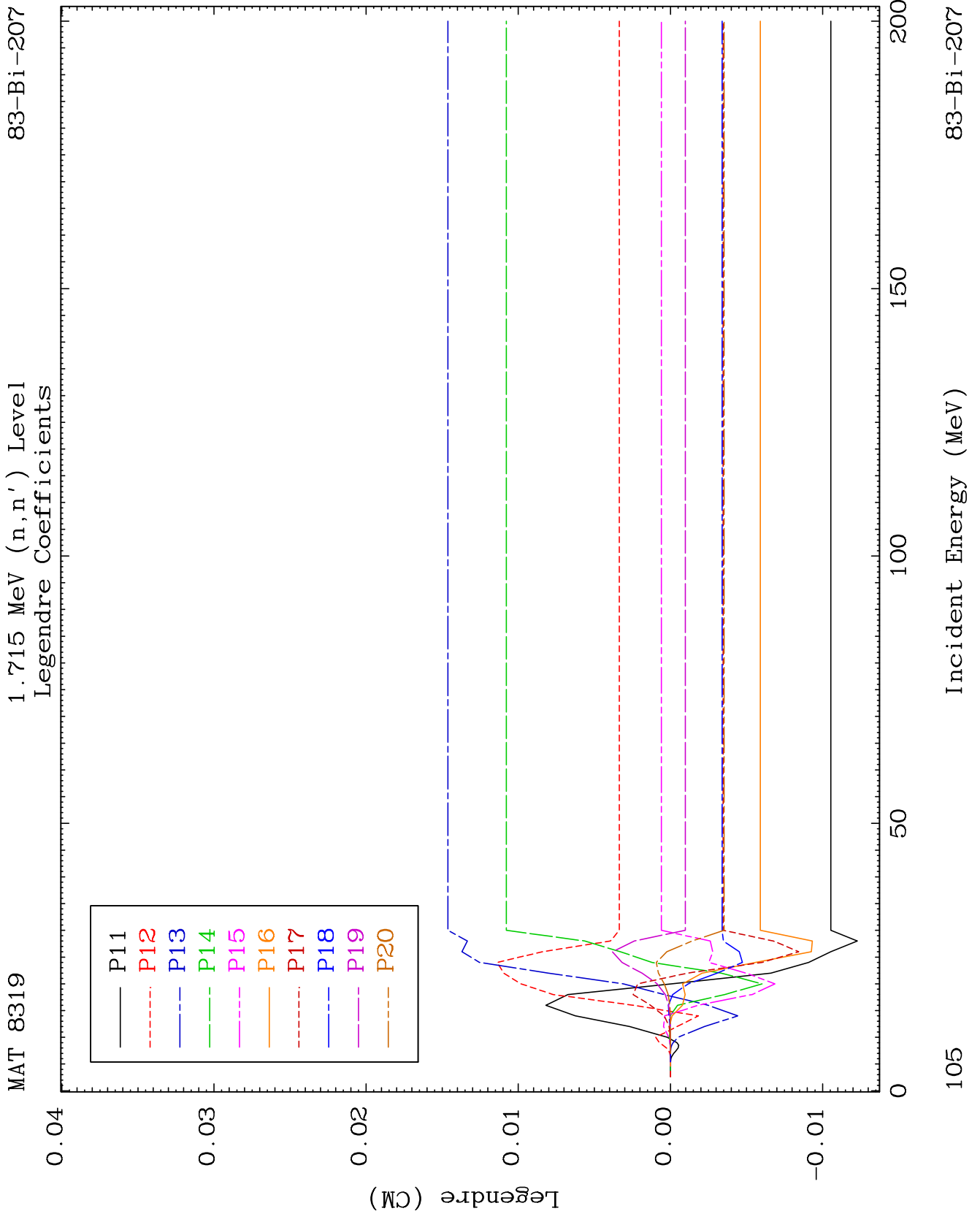
101

Incident Energy (MeV)

83-Bi-207



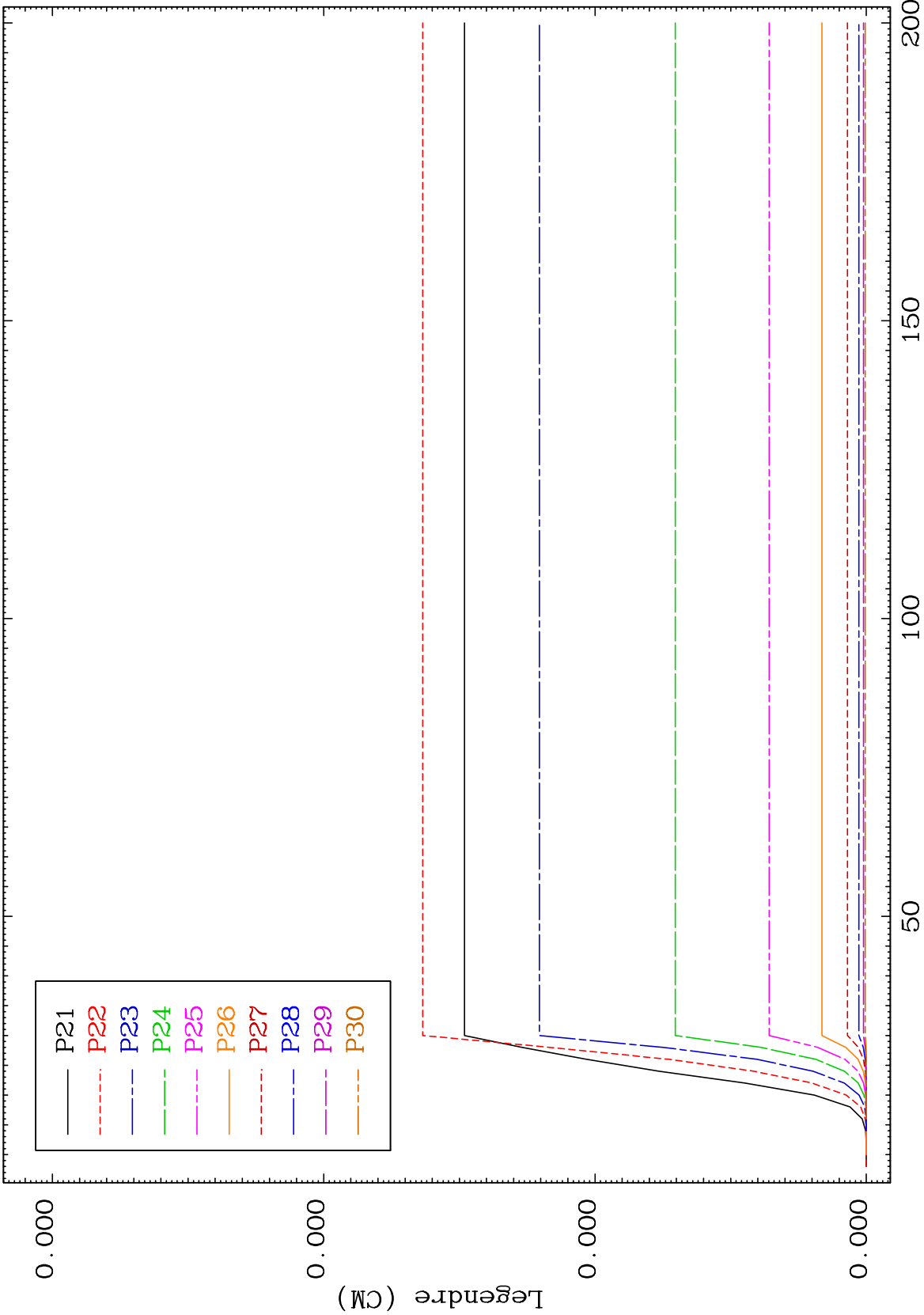




MAT 8319

1.715 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



106

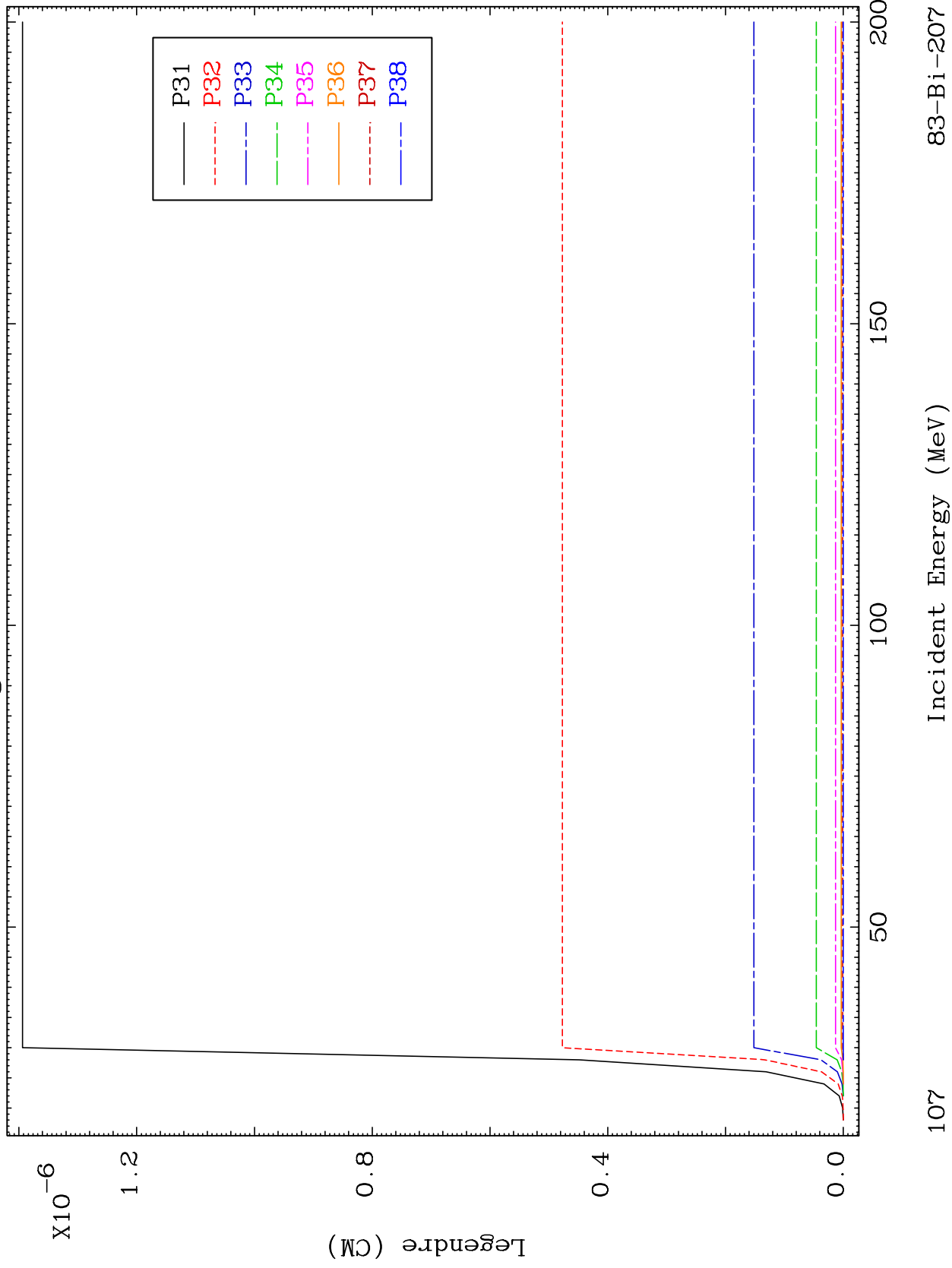
Incident Energy (MeV)

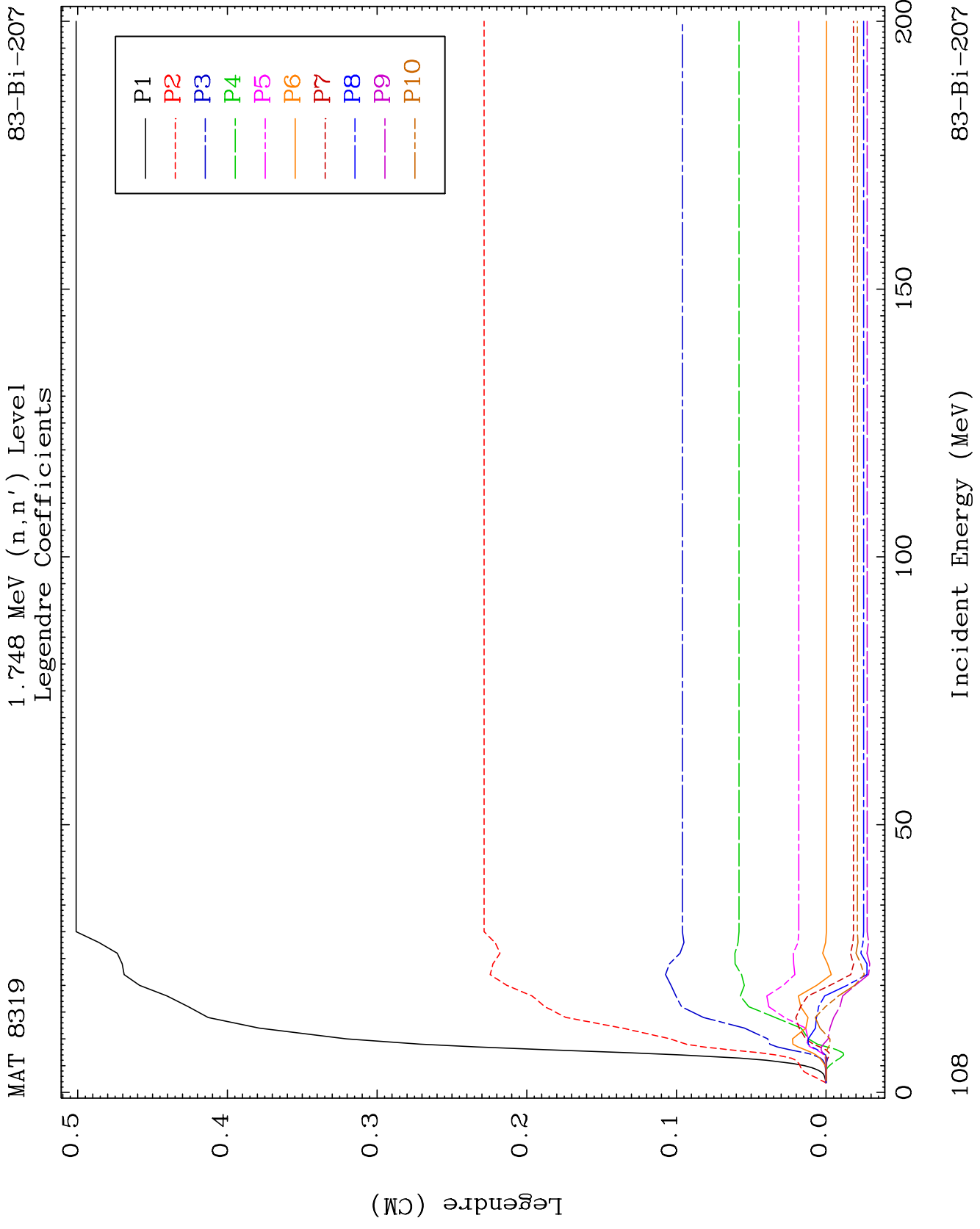
83-Bi-207

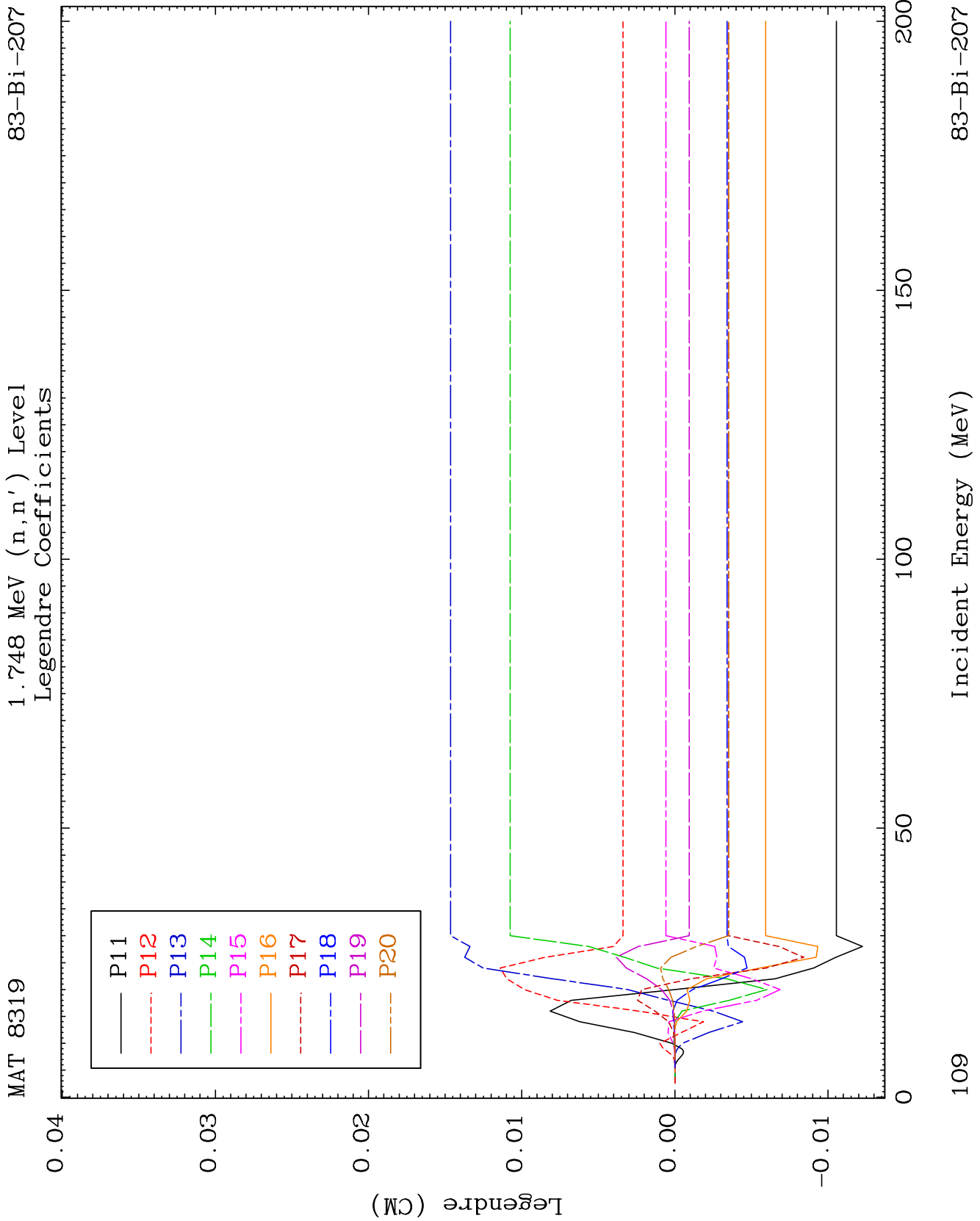
MAT 8319

1.715 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



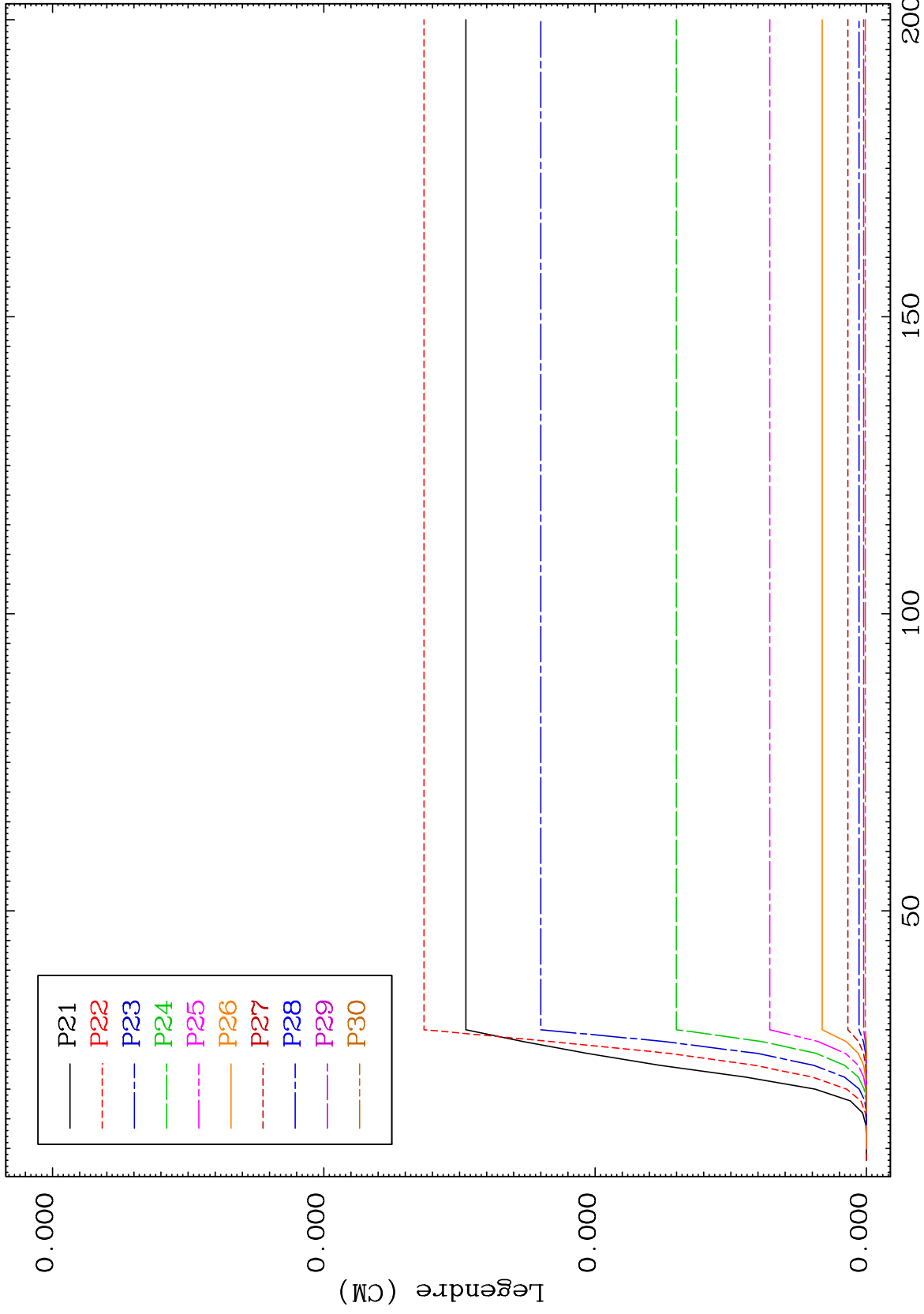




MAT 8319

1.748 MeV (n,n') Level
Legendre Coefficients

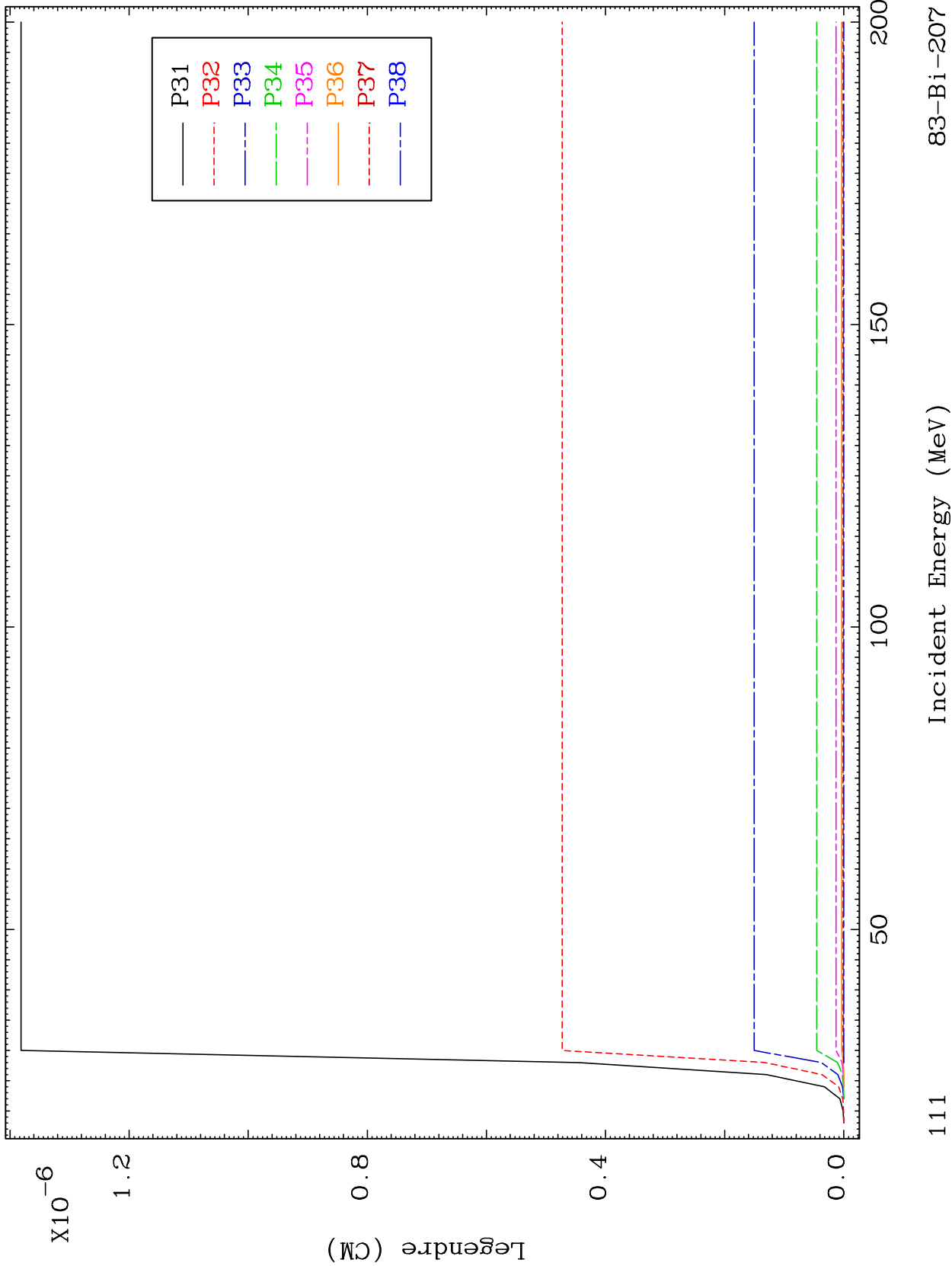
83-Bi-207

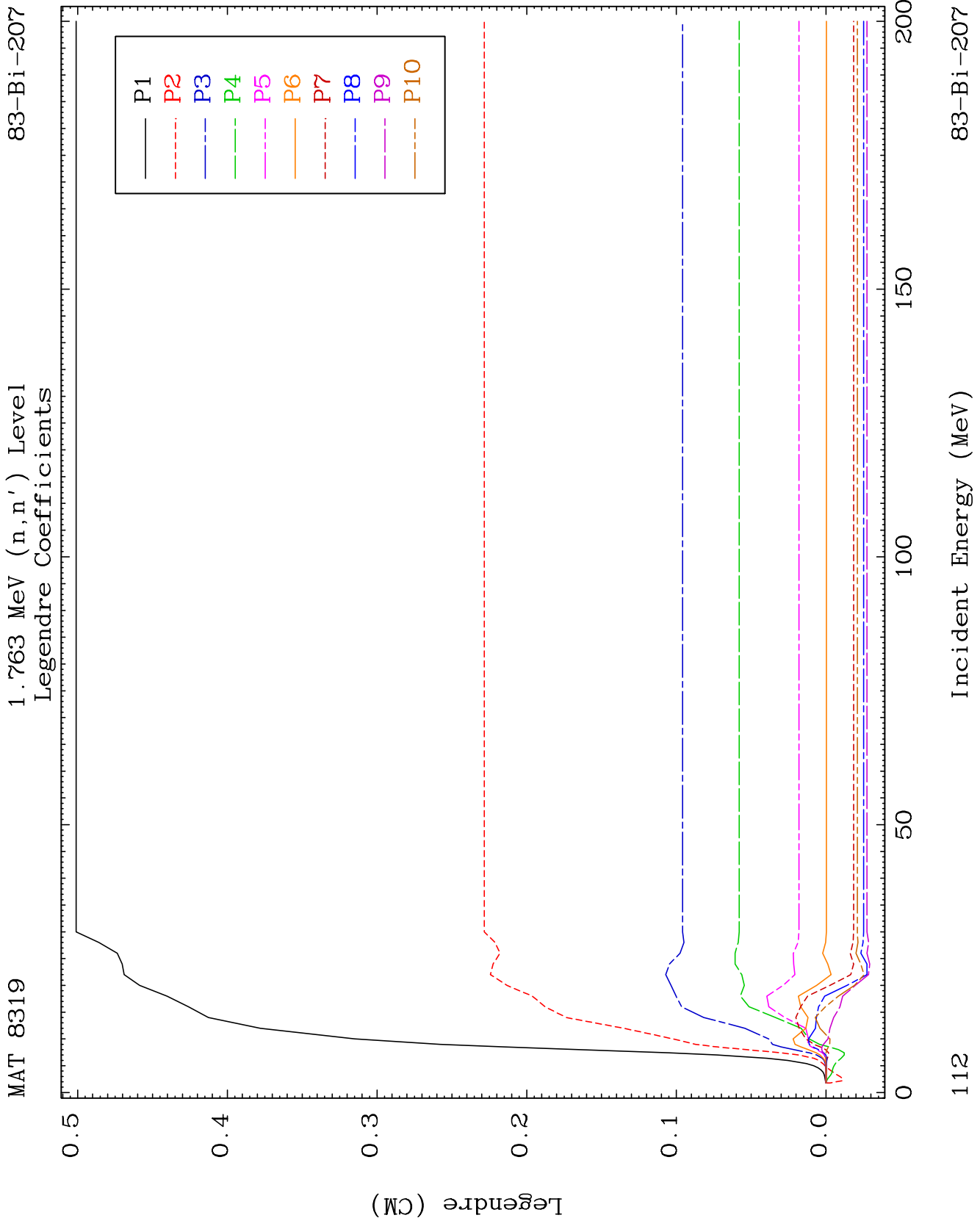


110

Incident Energy (MeV)

83-Bi-207

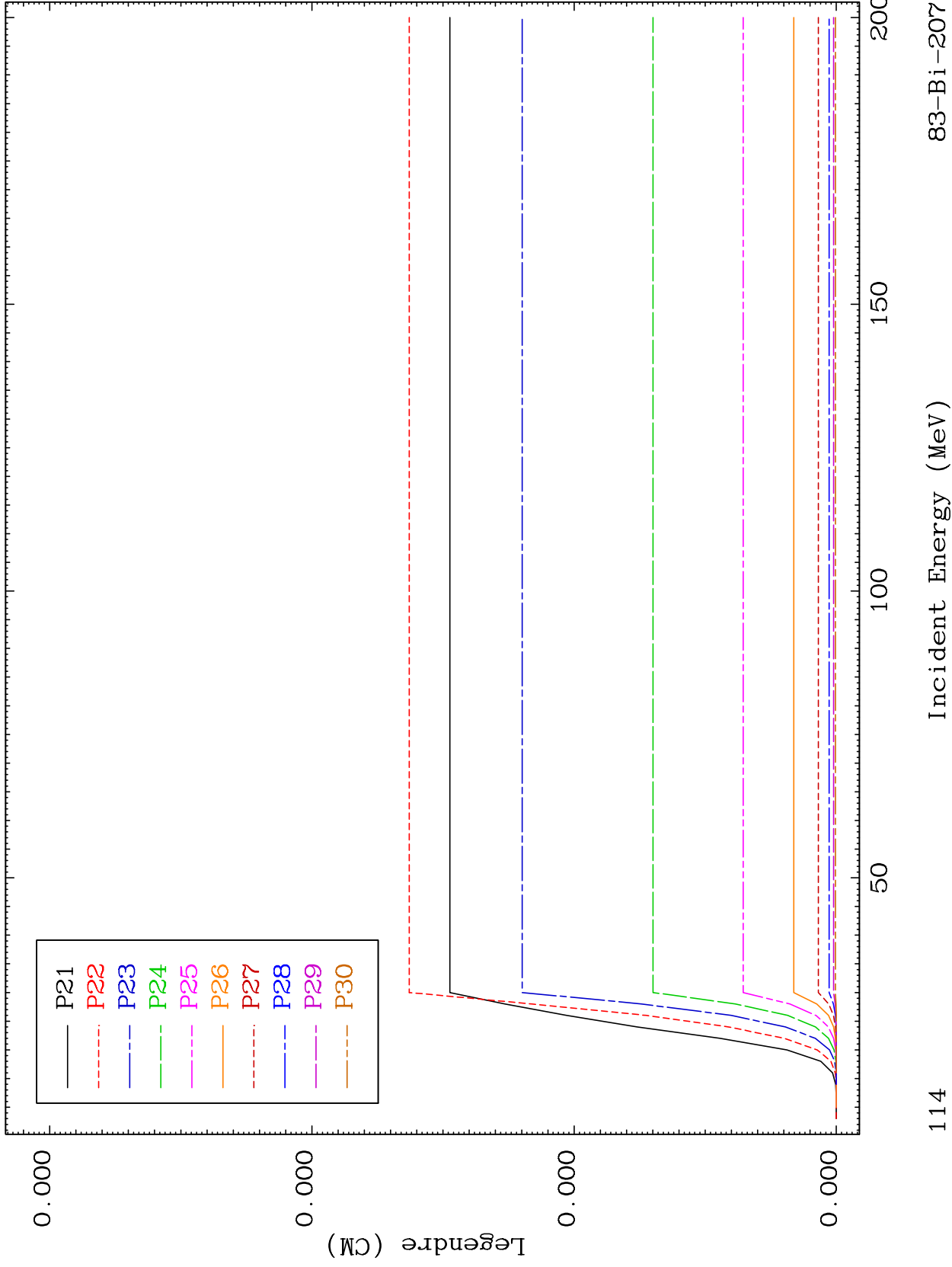




MAT 8319

1.763 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



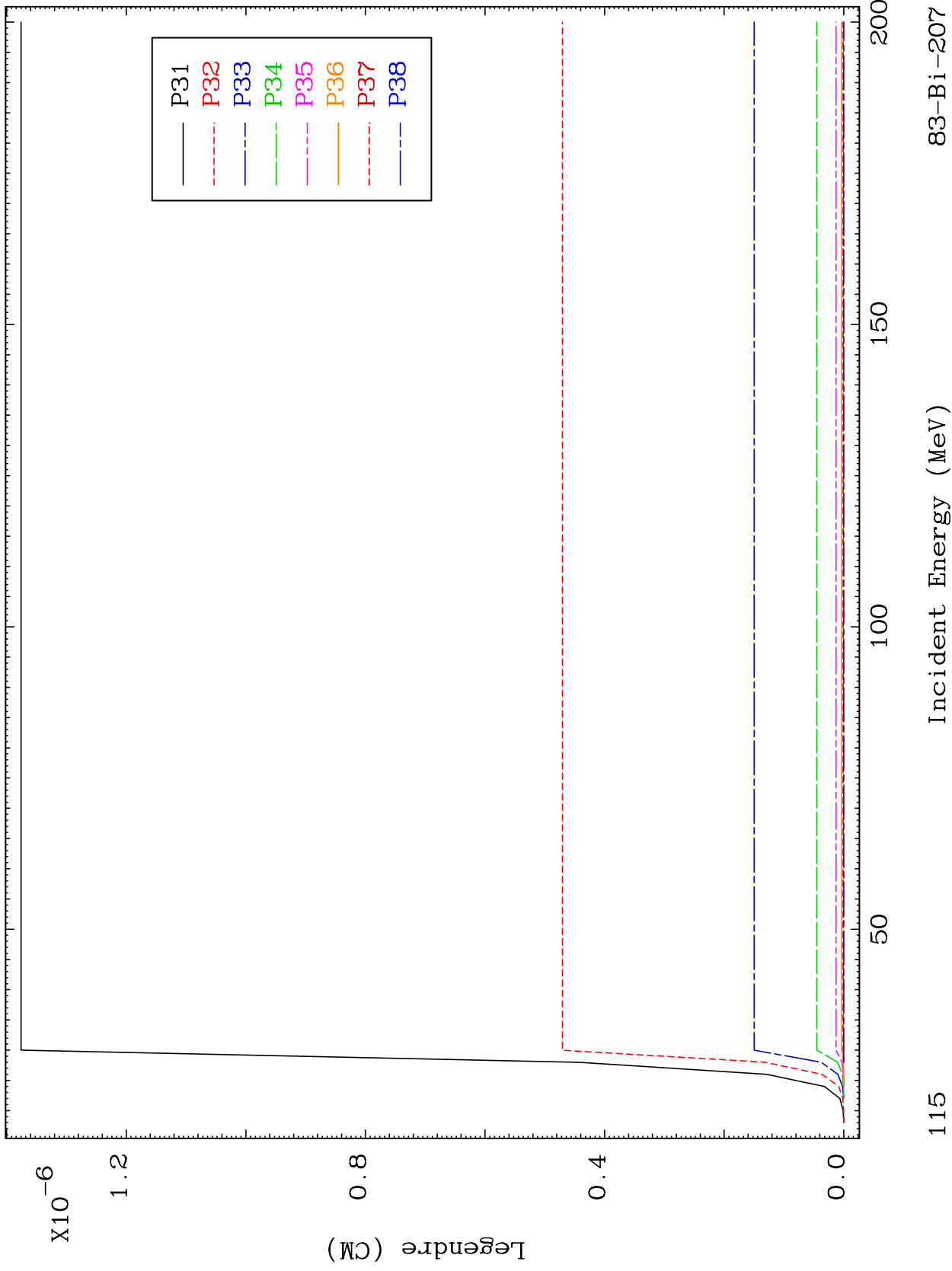
114

83-Bi-207

MAT 8319

1.763 MeV (n,n') Level
Legendre Coefficients

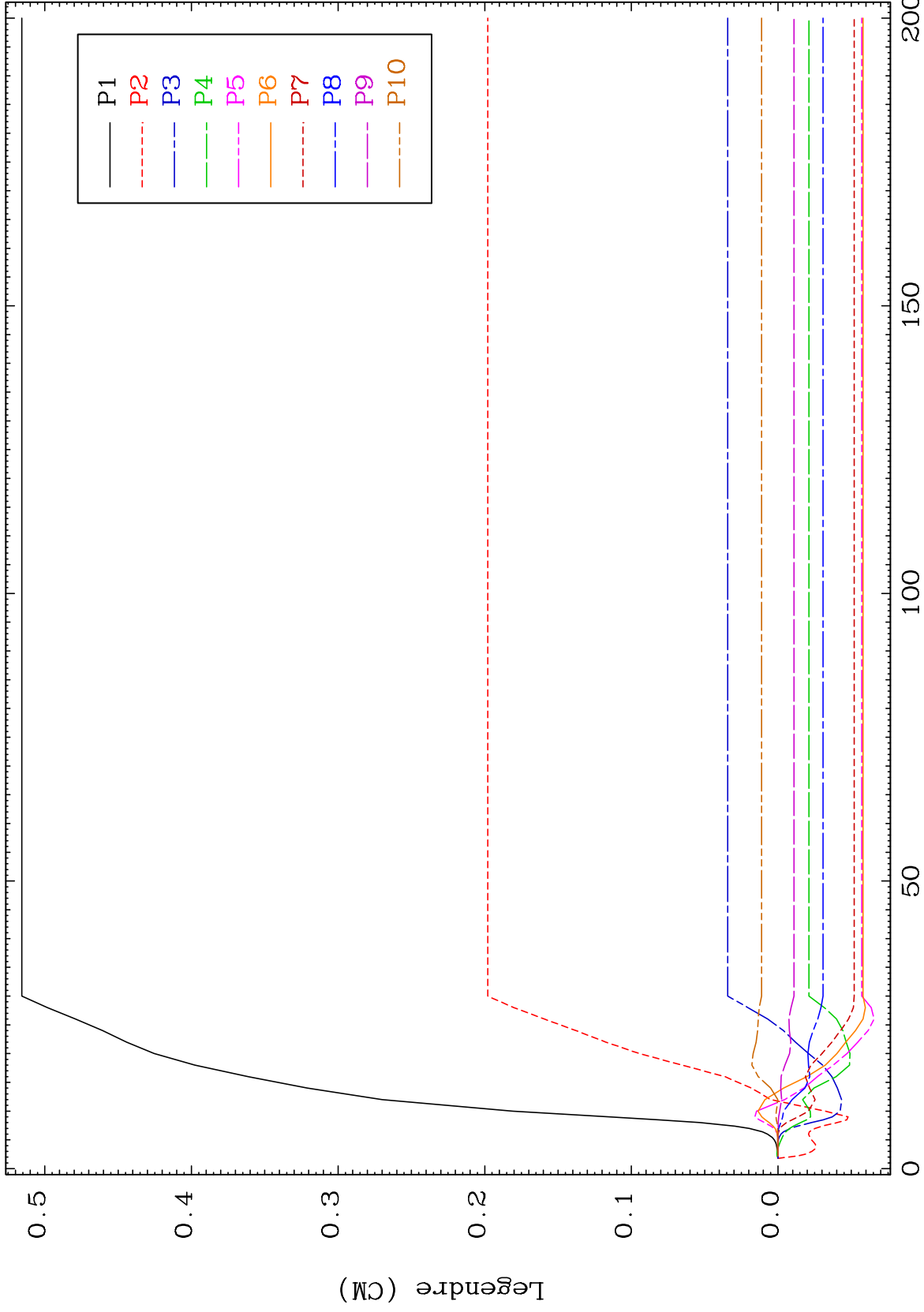
83-Bi-207



MAT 8319

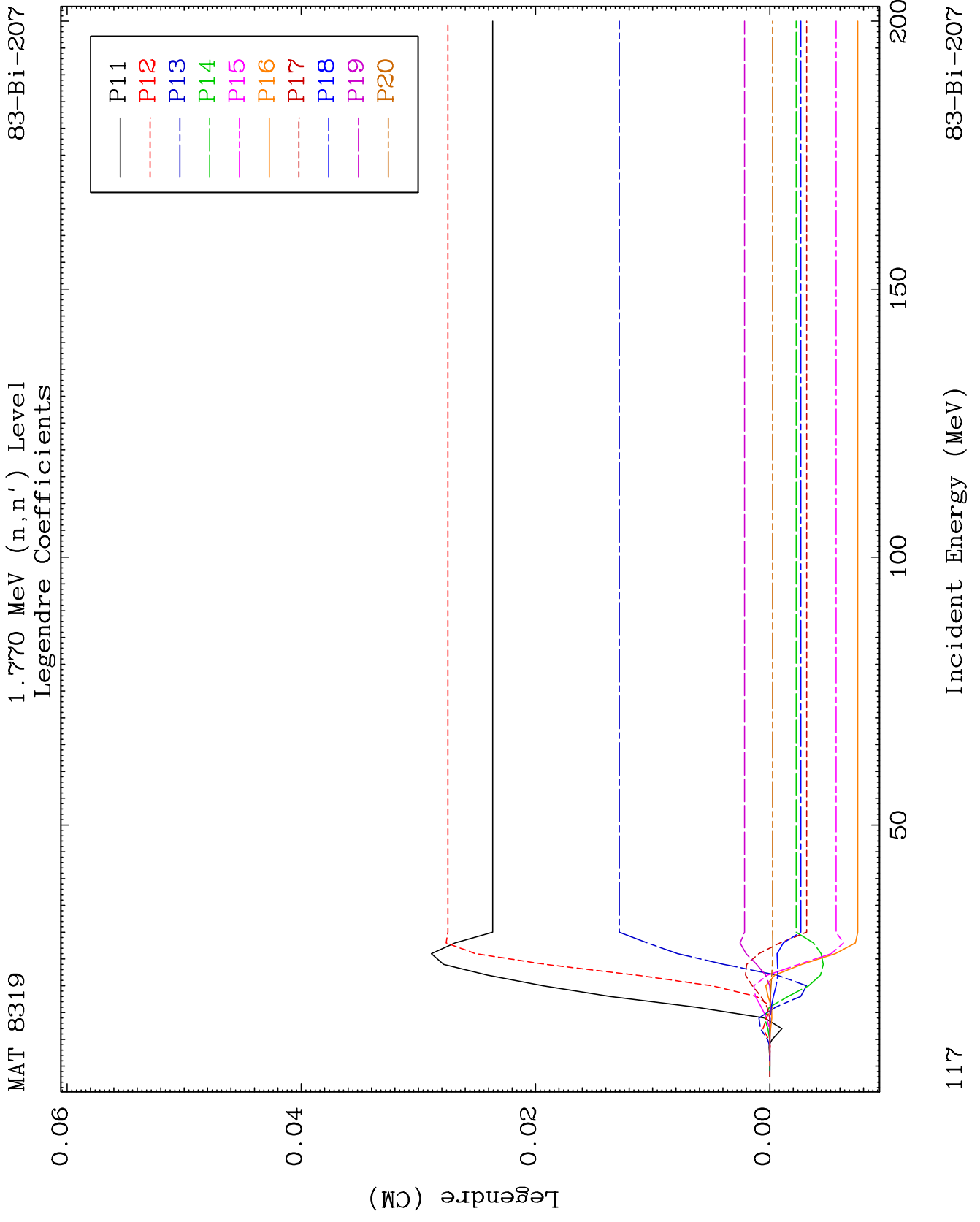
1.770 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



116

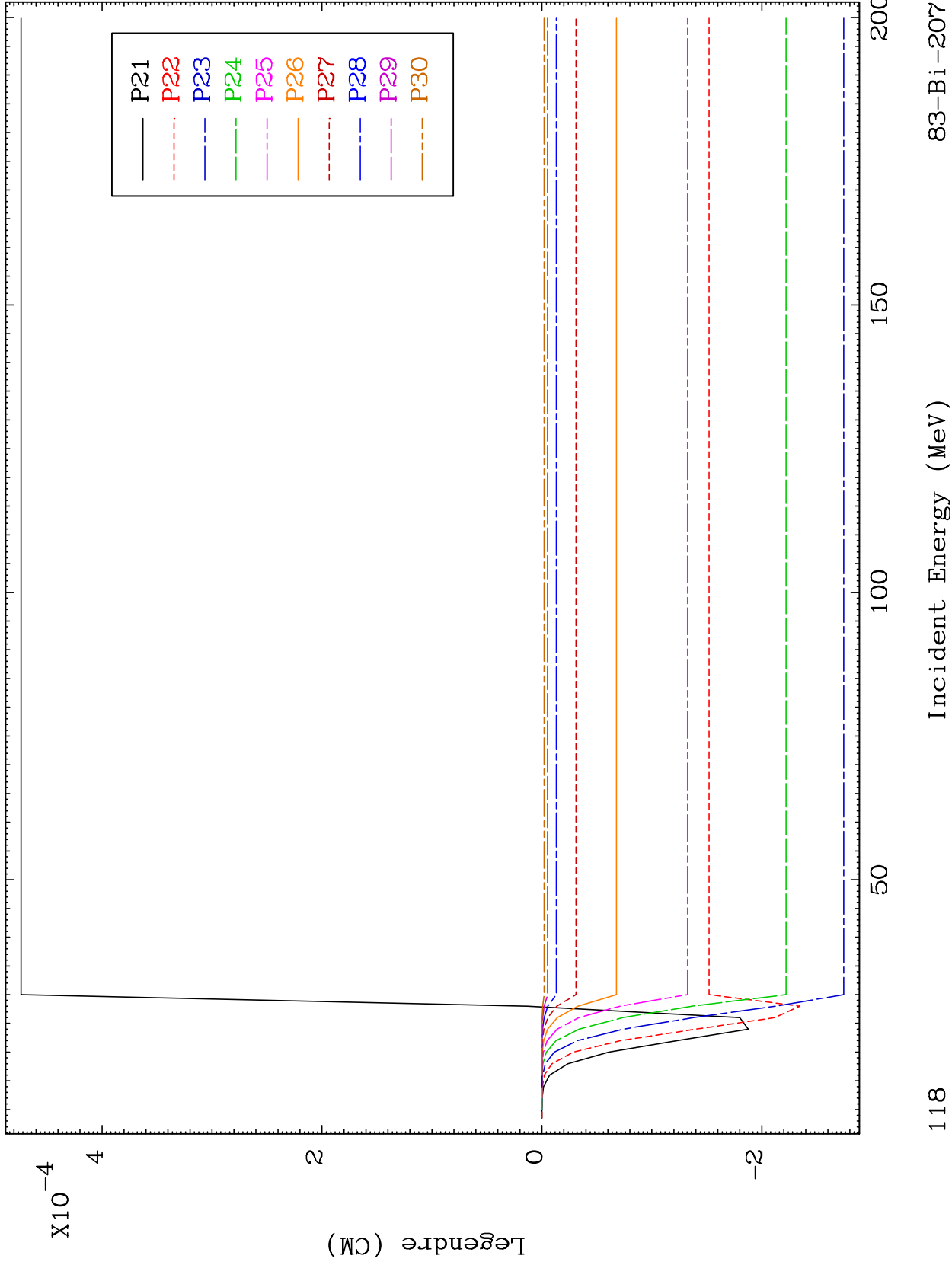
83-Bi-207

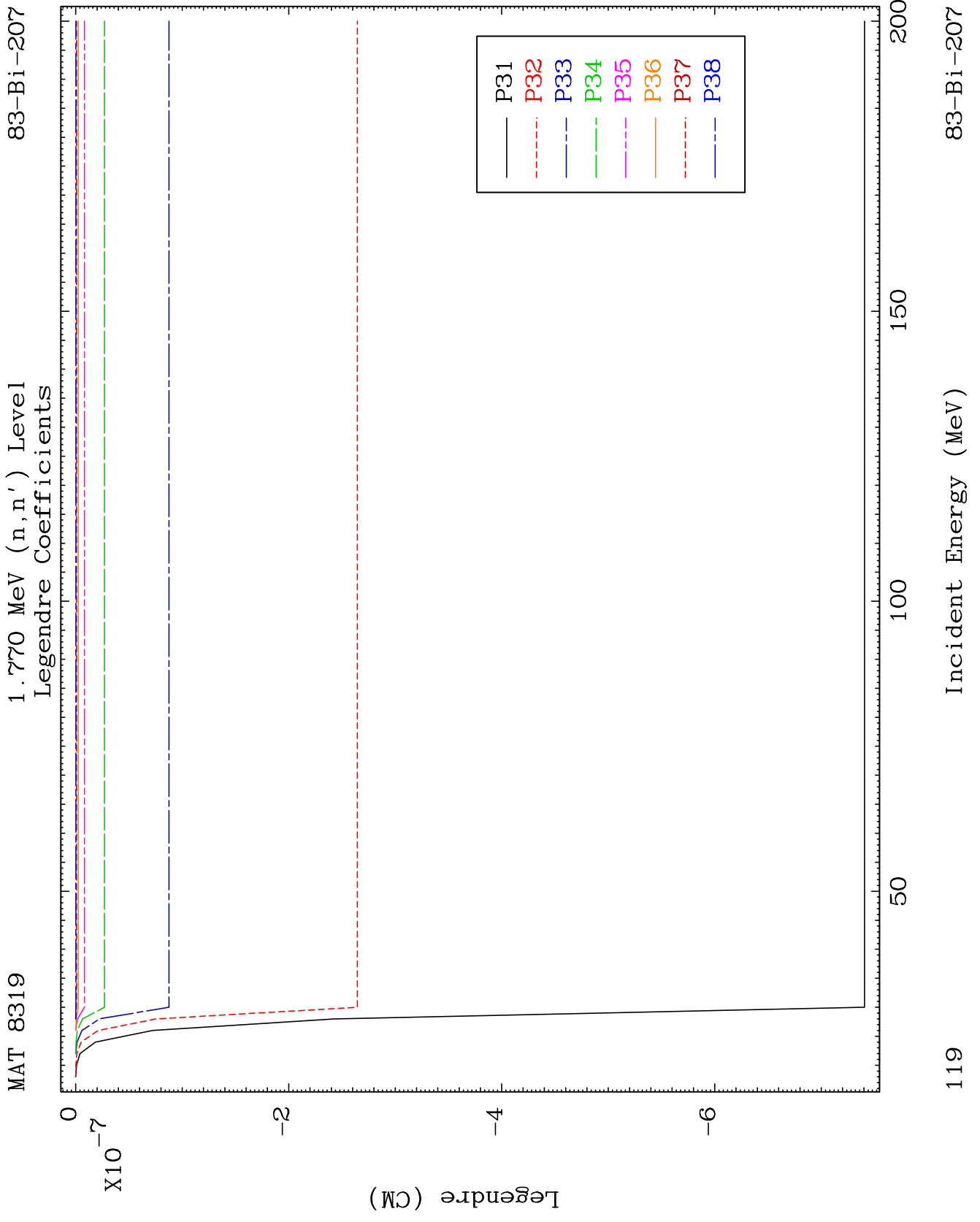


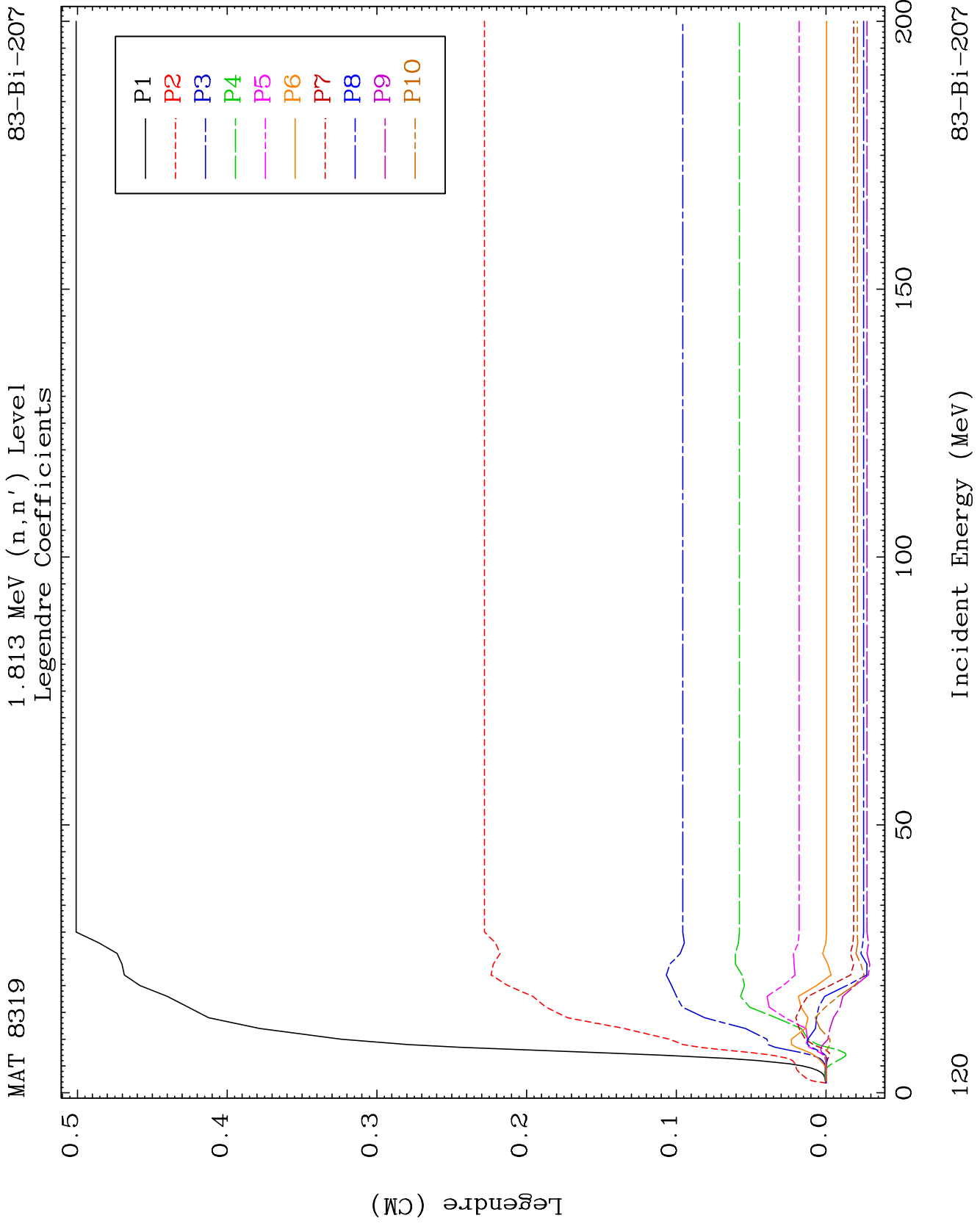
MAT 8319

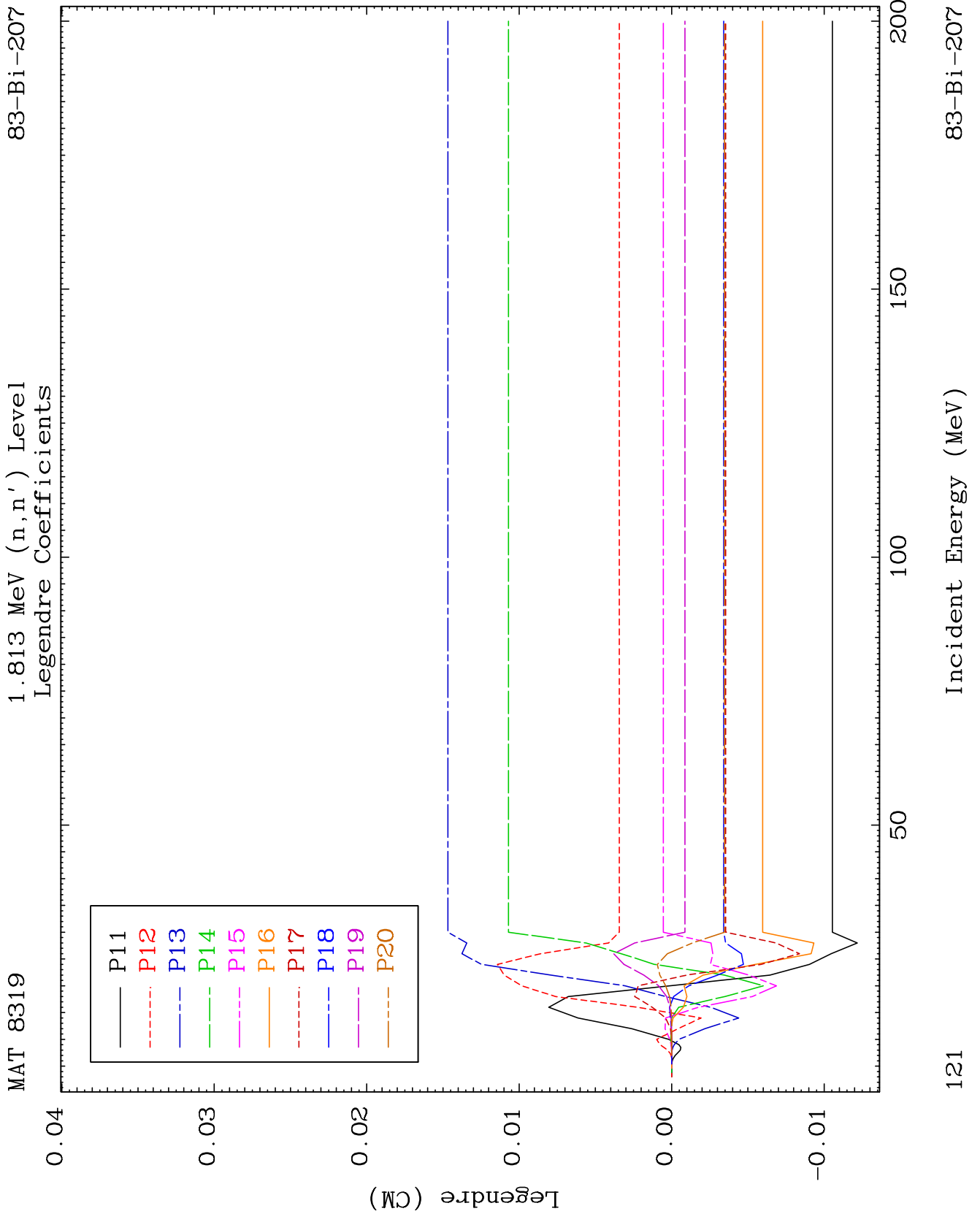
1.770 MeV (n,n') Level
Legendre Coefficients

83-Bi-207





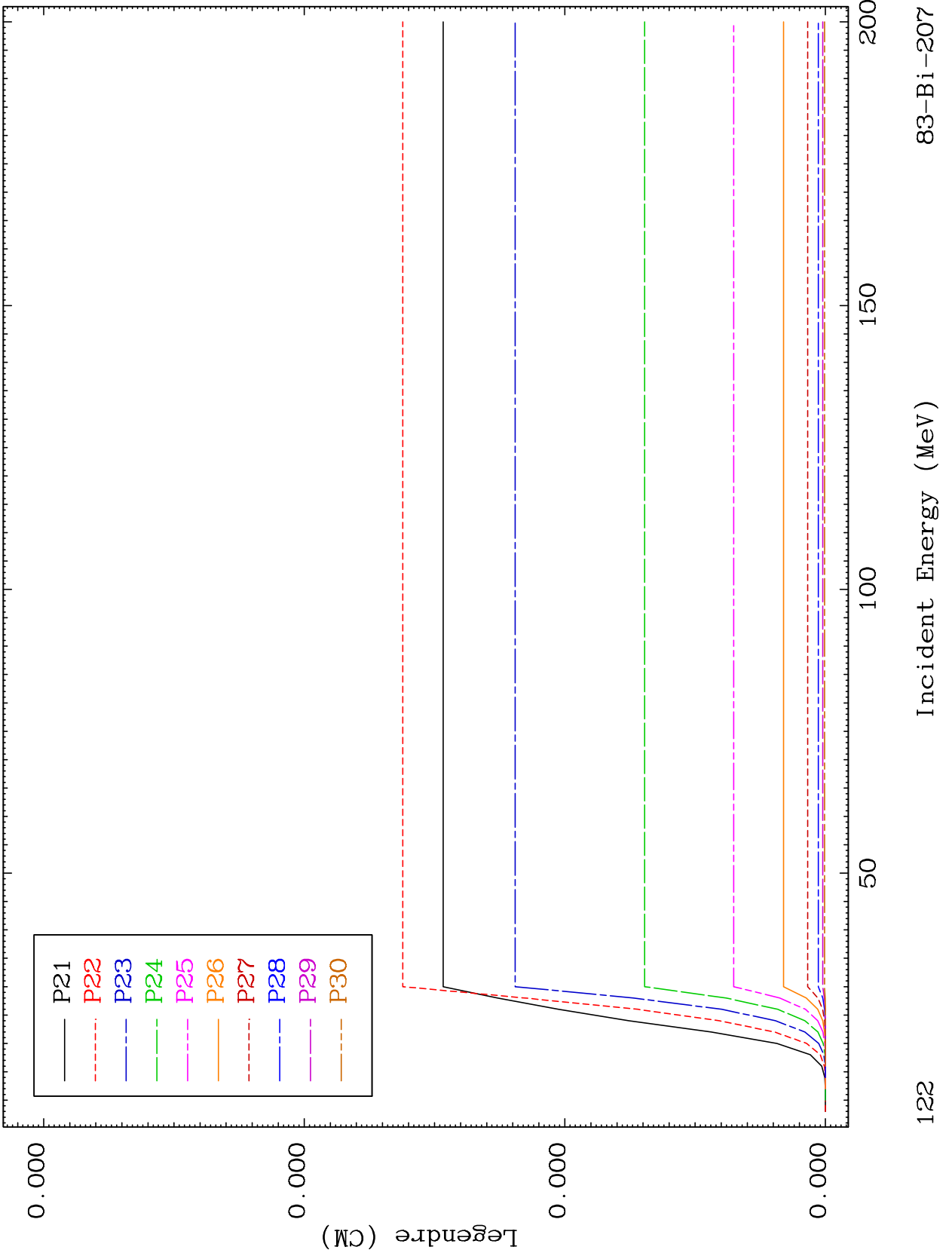


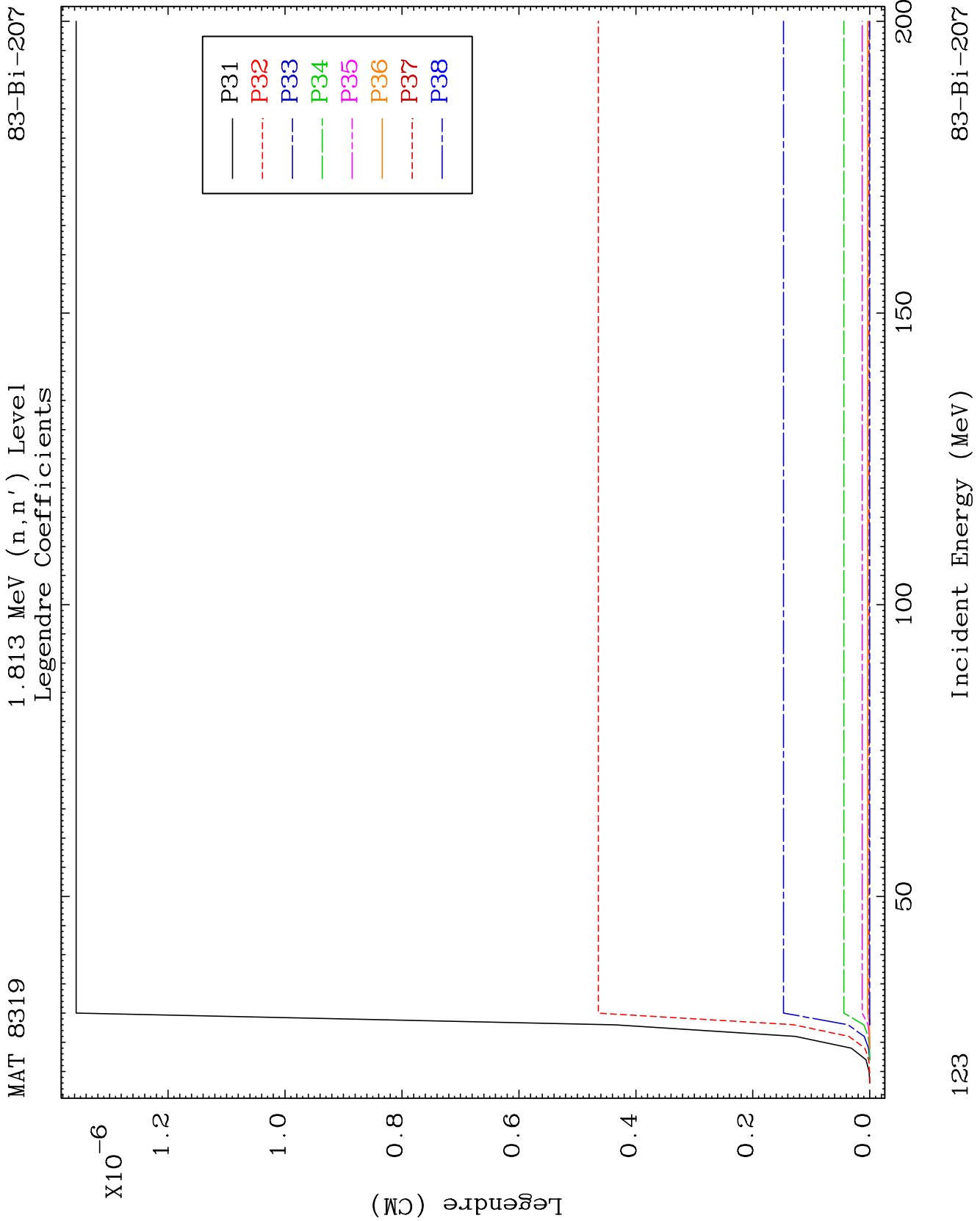


MAT 8319

1.813 MeV (n,n') Level
Legendre Coefficients

83-Bi-207

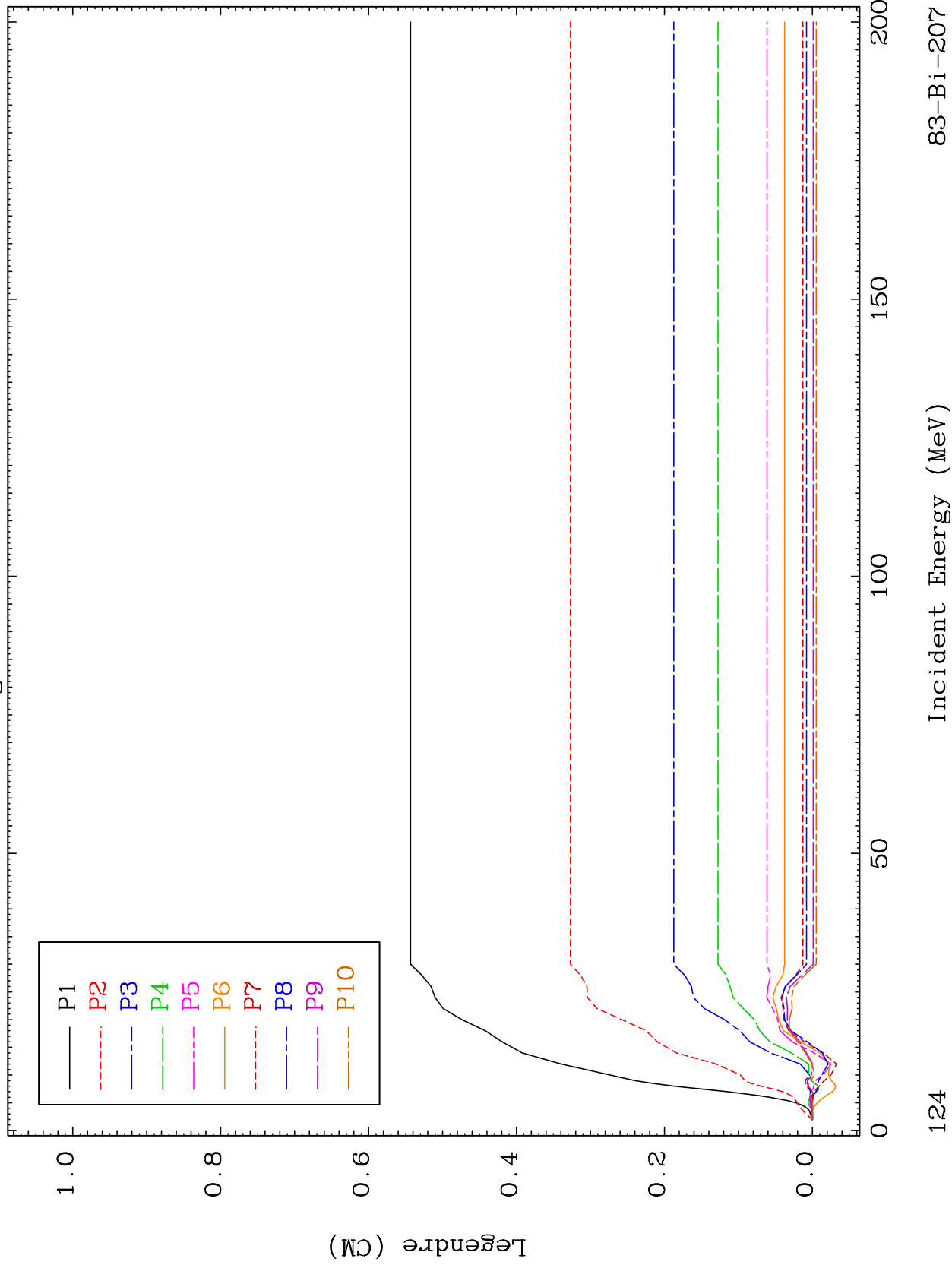




MAT 8319

1.869 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



124

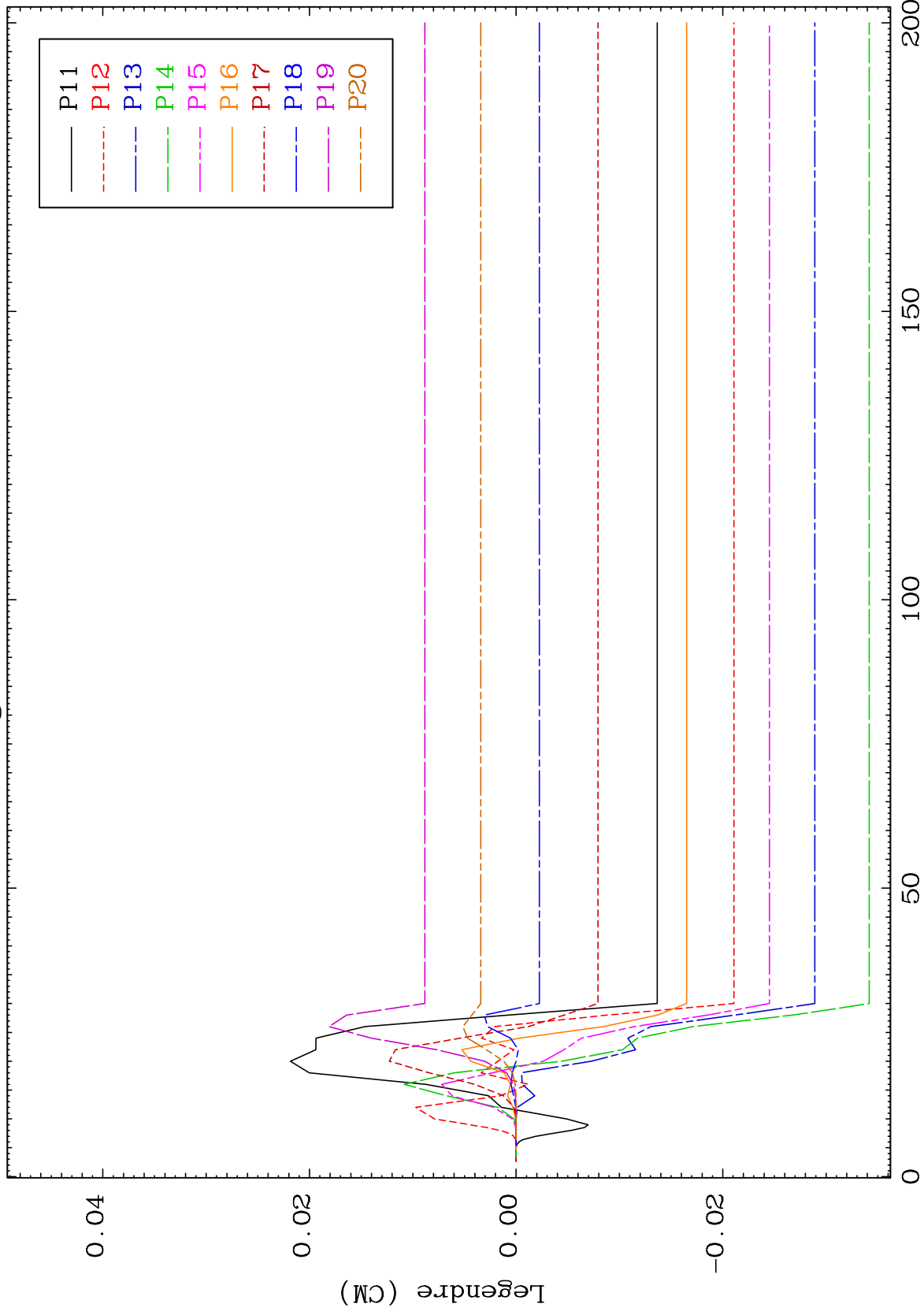
Incident Energy (MeV)

83-Bi-207

MAT 8319

1.869 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



125

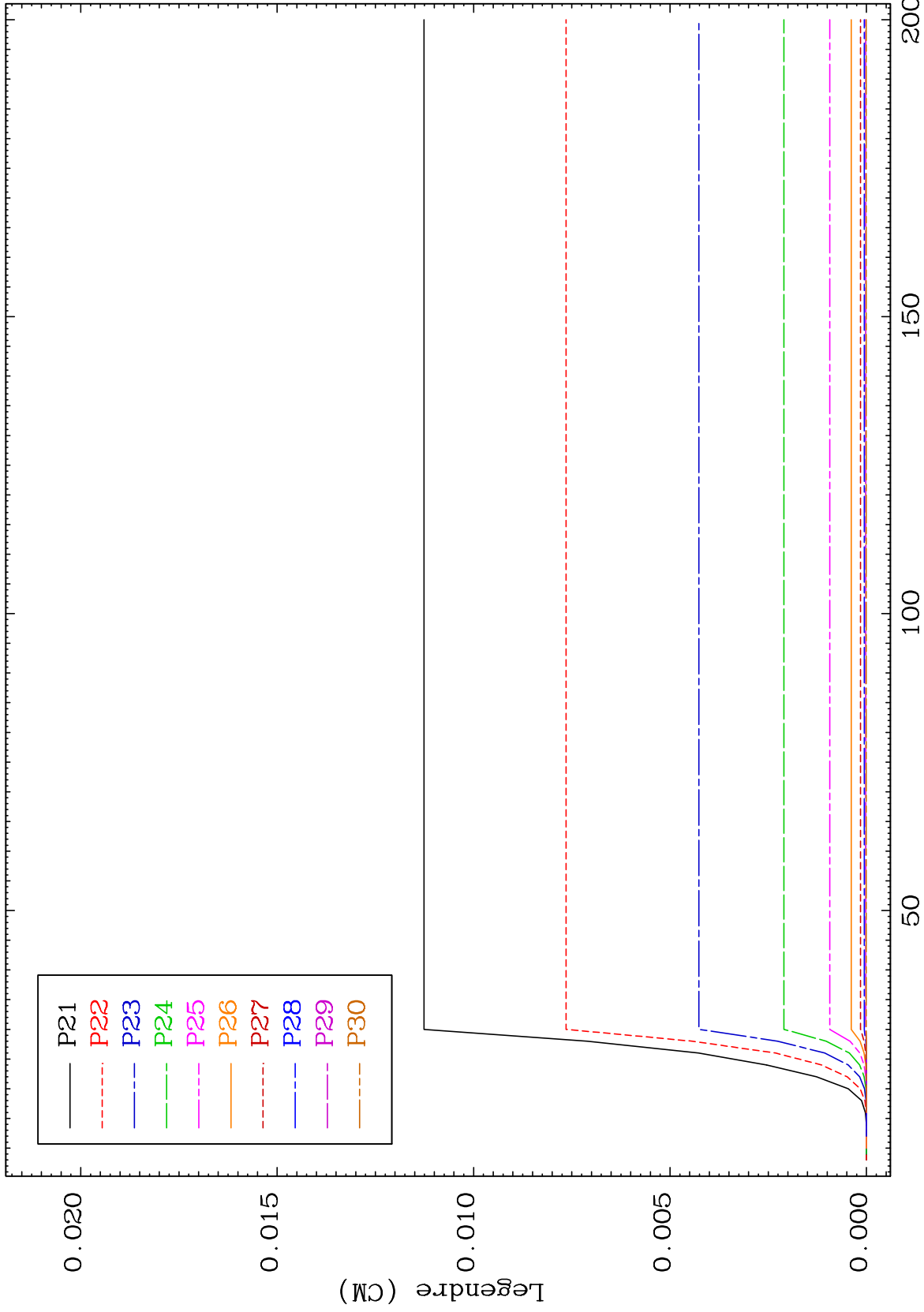
Incident Energy (MeV)

83-Bi-207

MAT 8319

1.869 MeV (n,n') Level
Legendre Coefficients

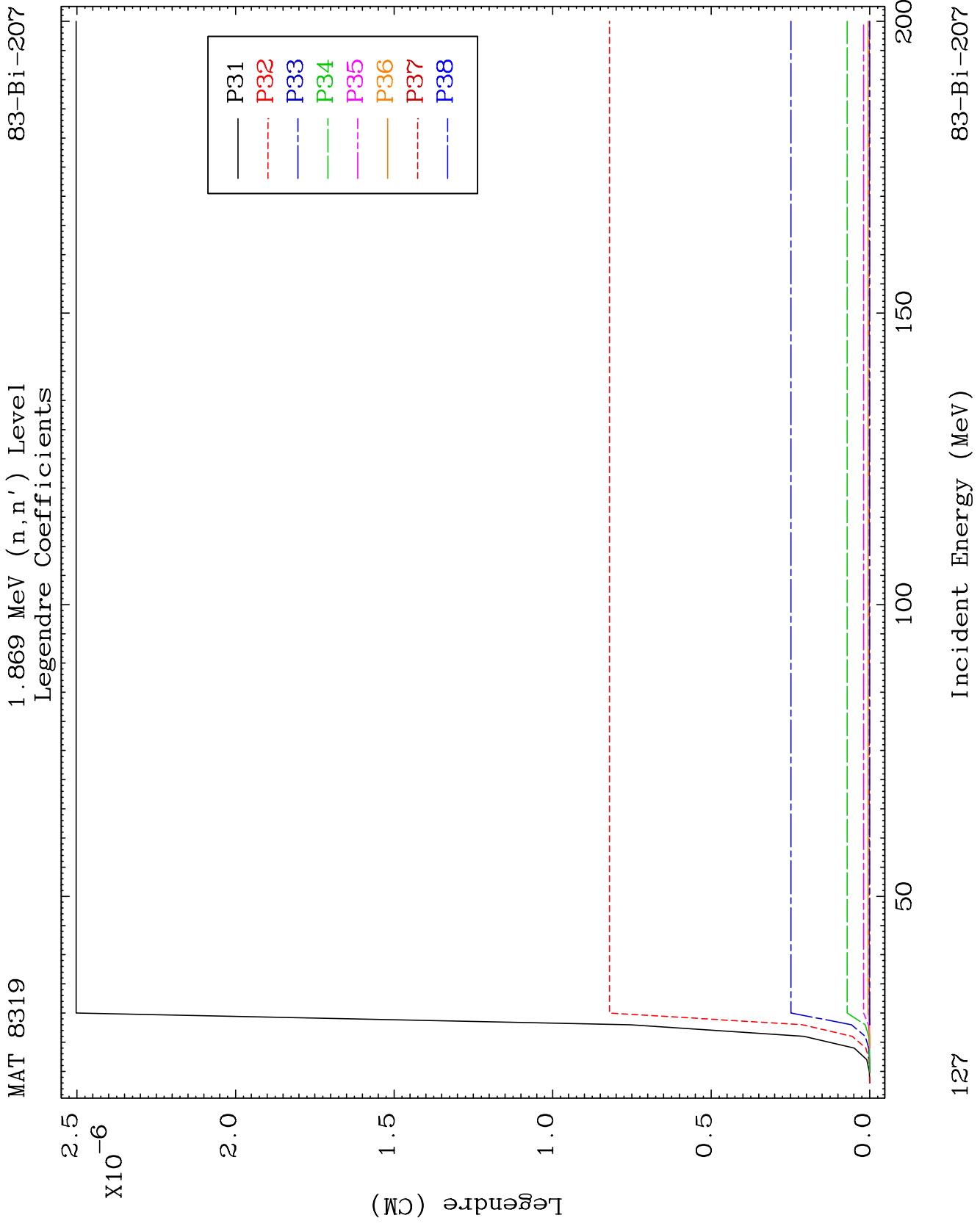
83-Bi-207

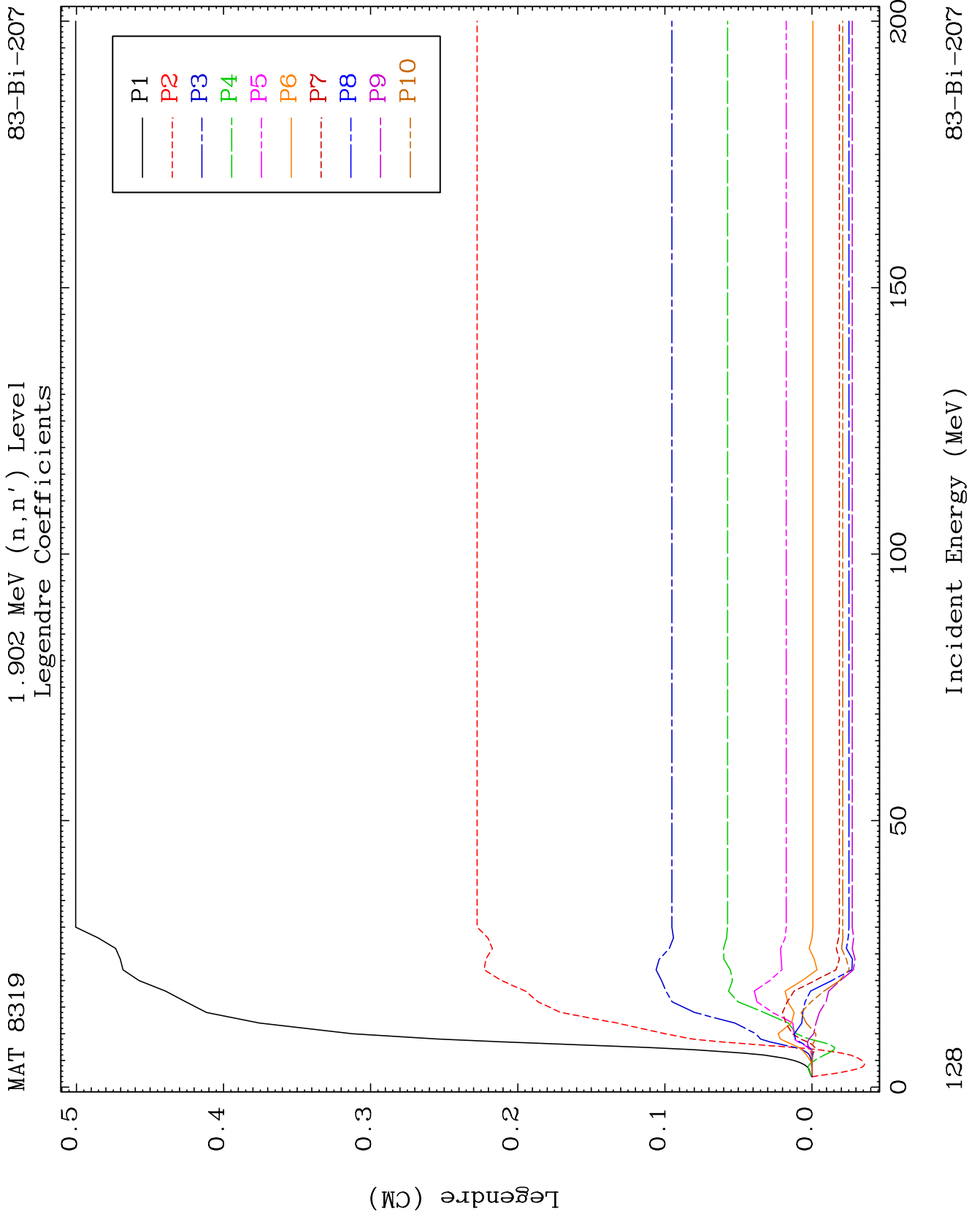


126

Incident Energy (MeV)

83-Bi-207

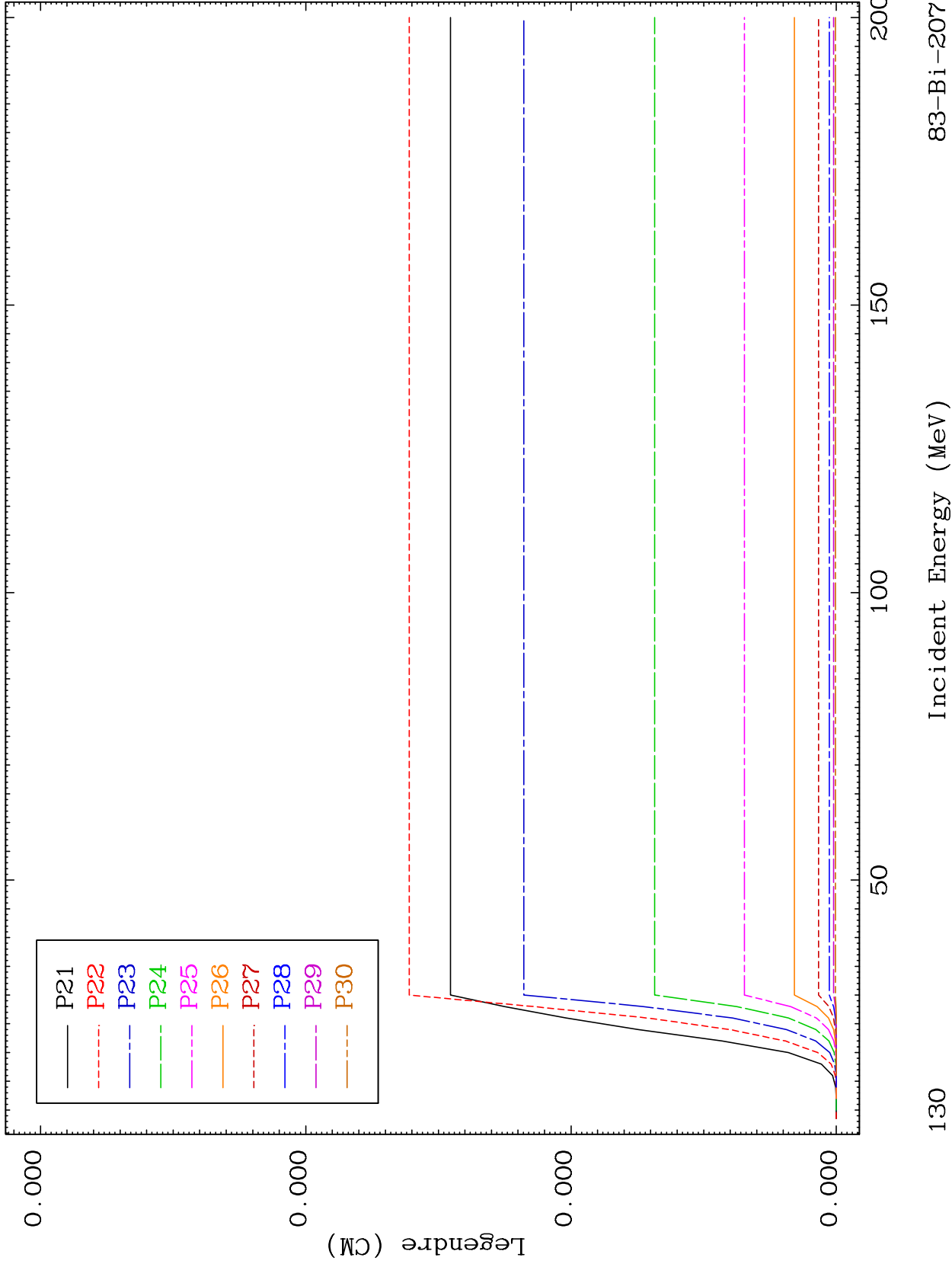




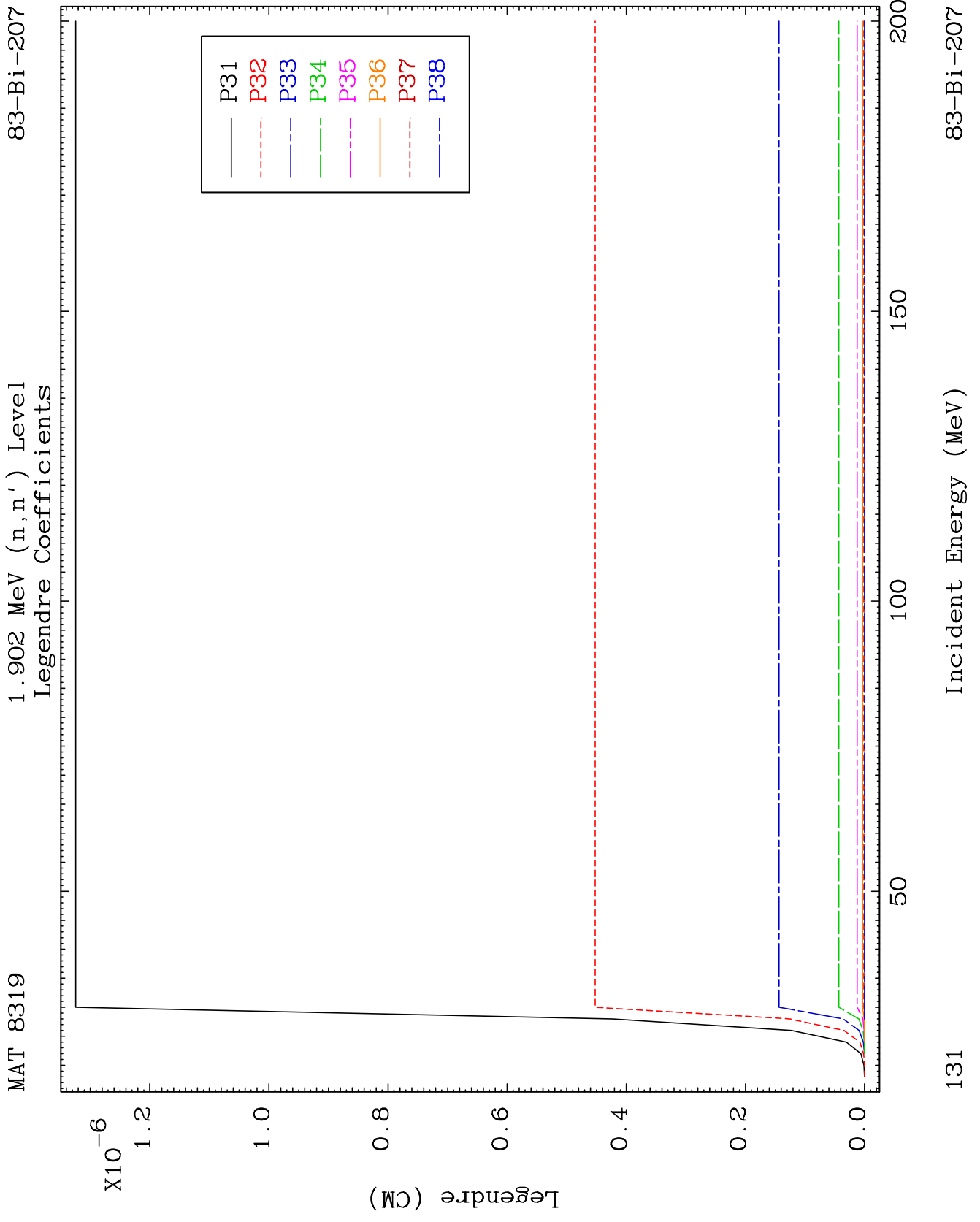
MAT 8319

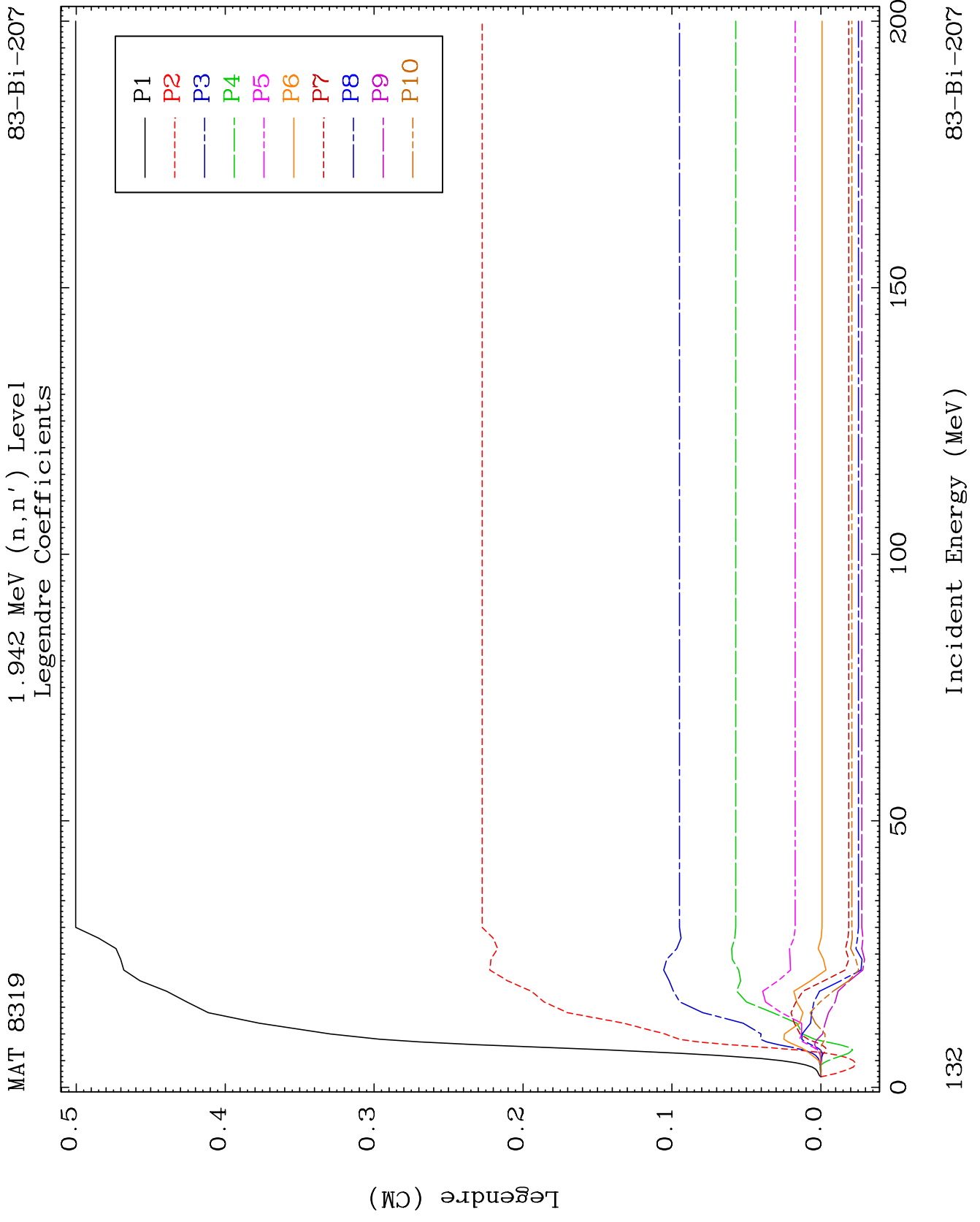
1.902 MeV (n,n') Level
Legendre Coefficients

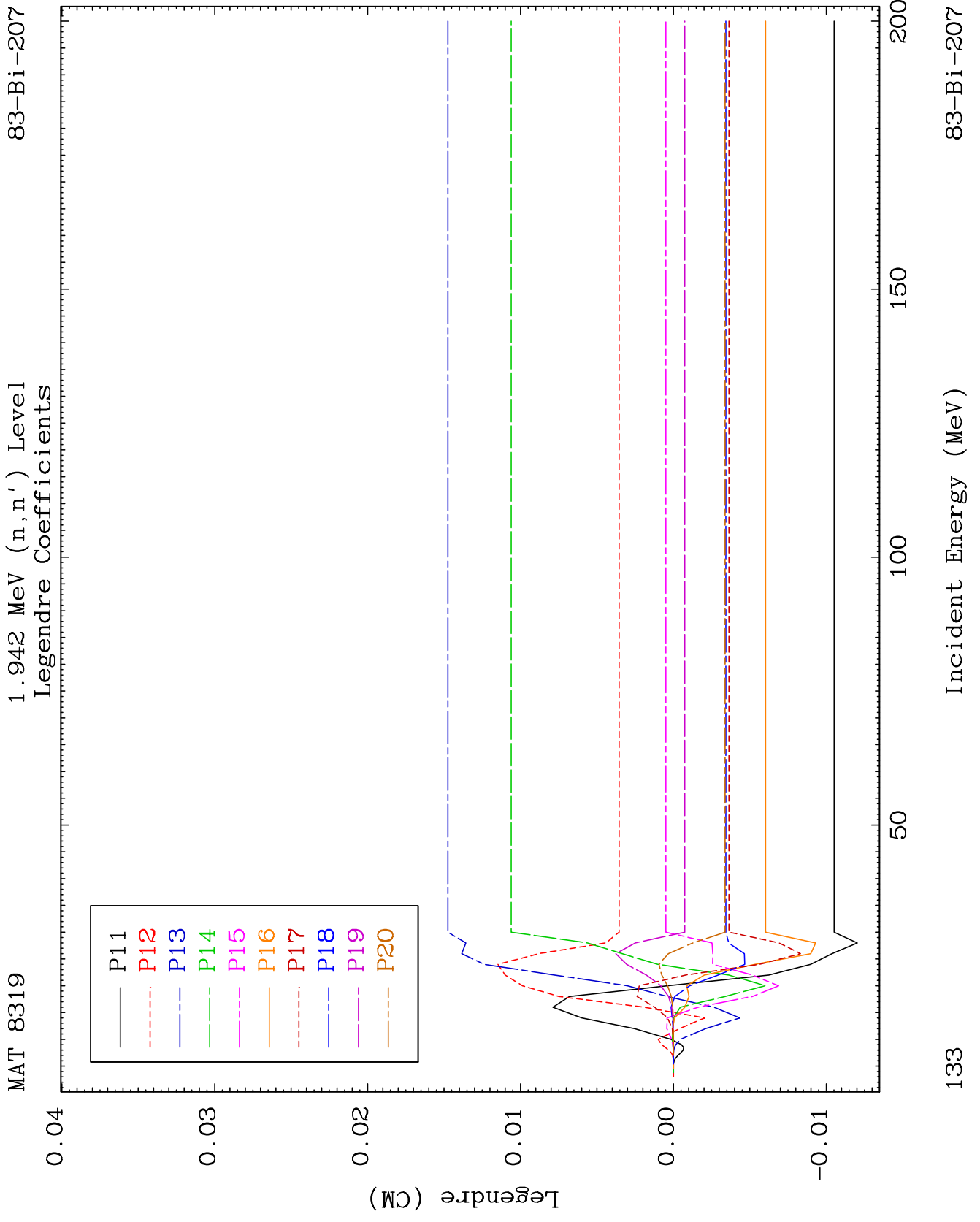
83-Bi-207



130



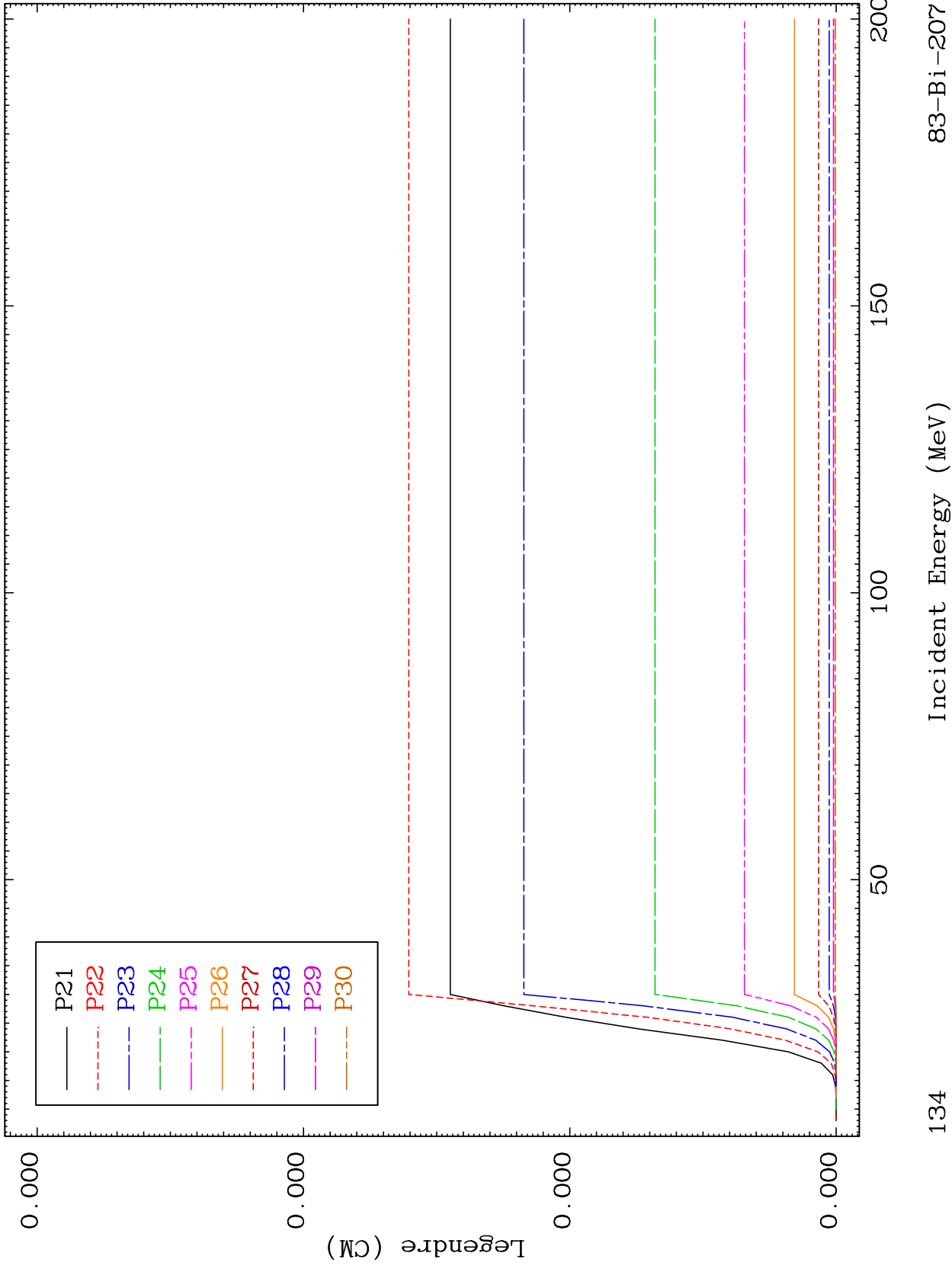




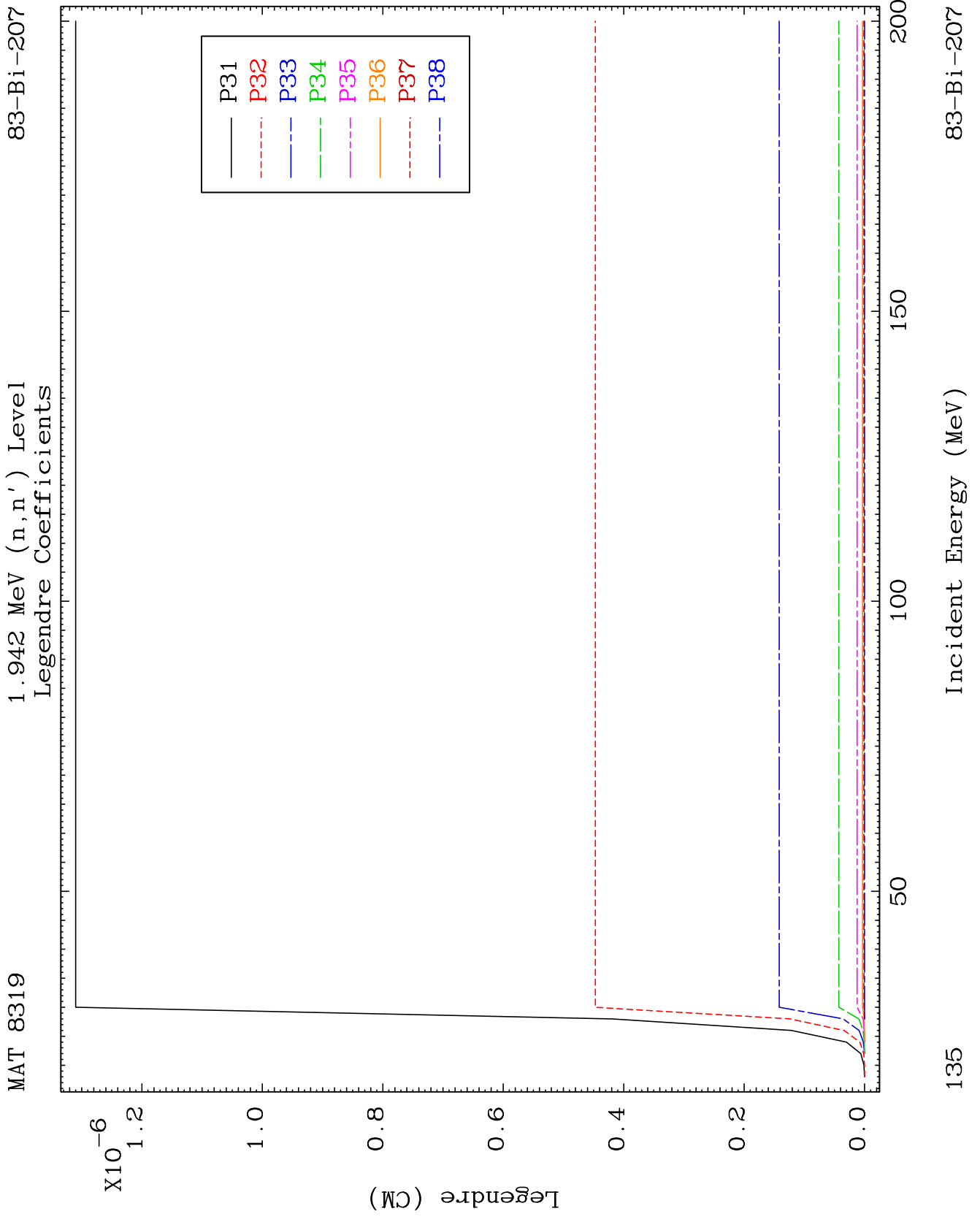
MAT 8319

1.942 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



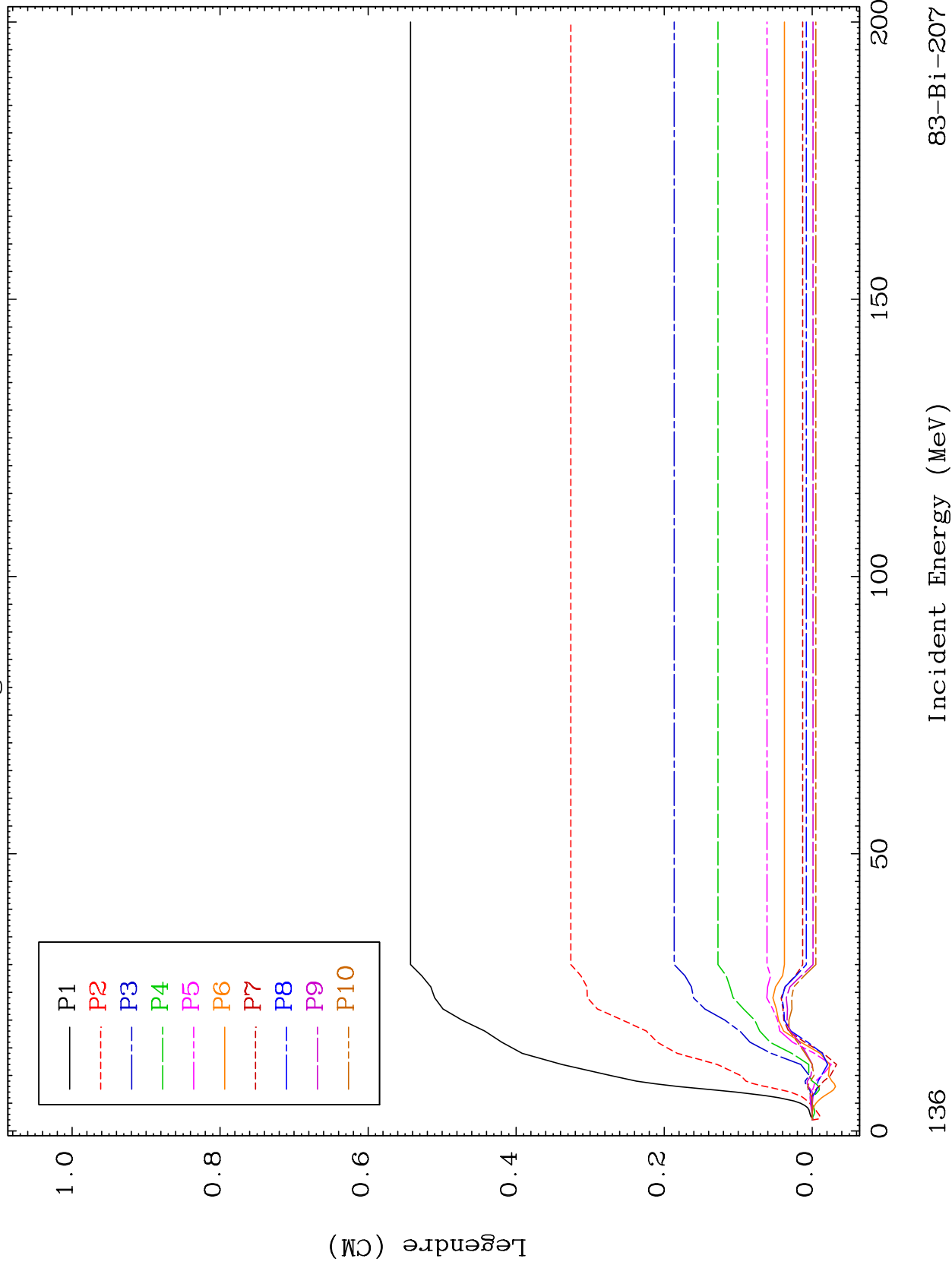
134



MAT 8319

1.949 MeV (n,n') Level
Legendre Coefficients

83-Bi-207

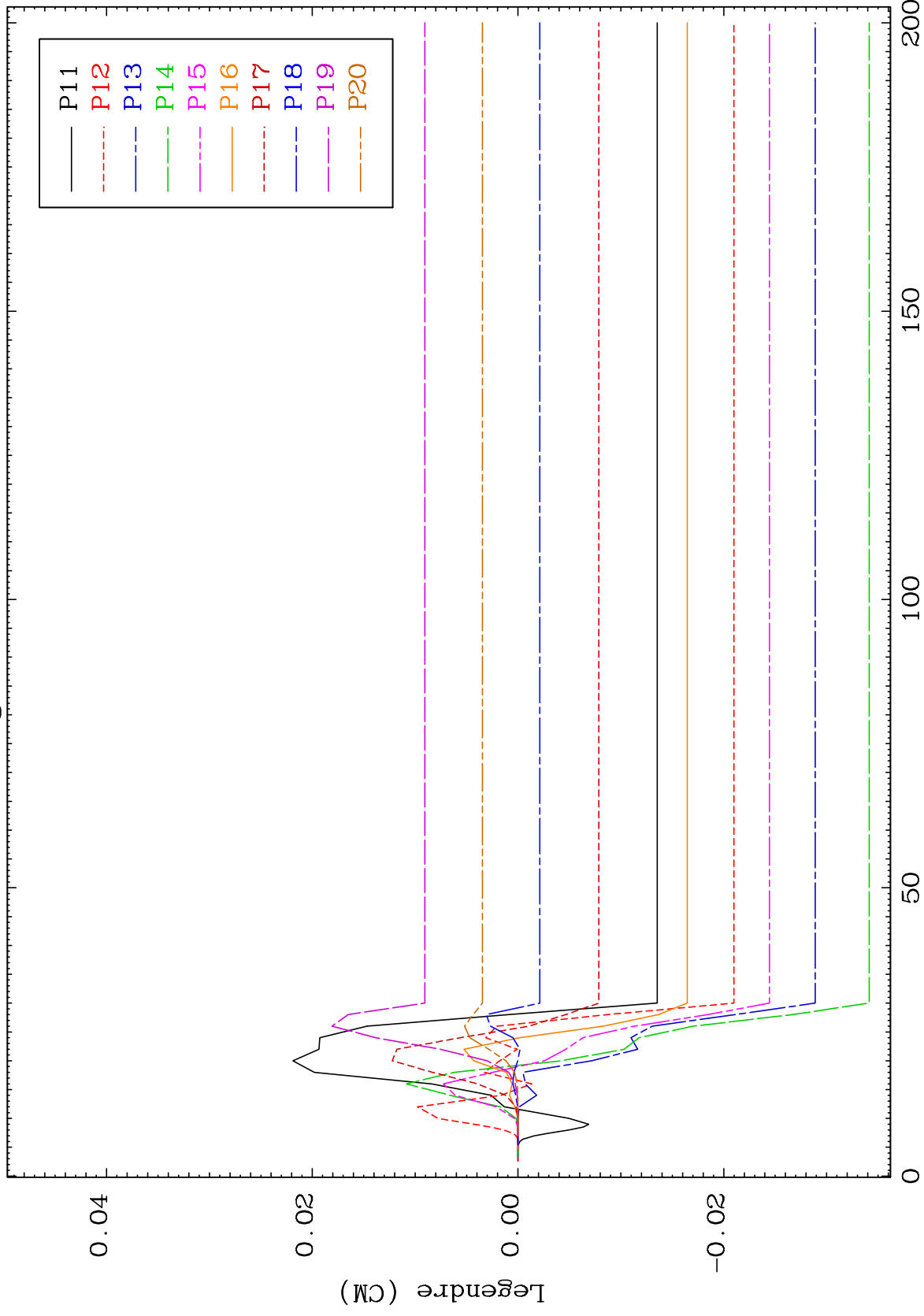


136

MAT 8319

1.949 MeV (n,n') Level
Legendre Coefficients

83-Bi-207



137

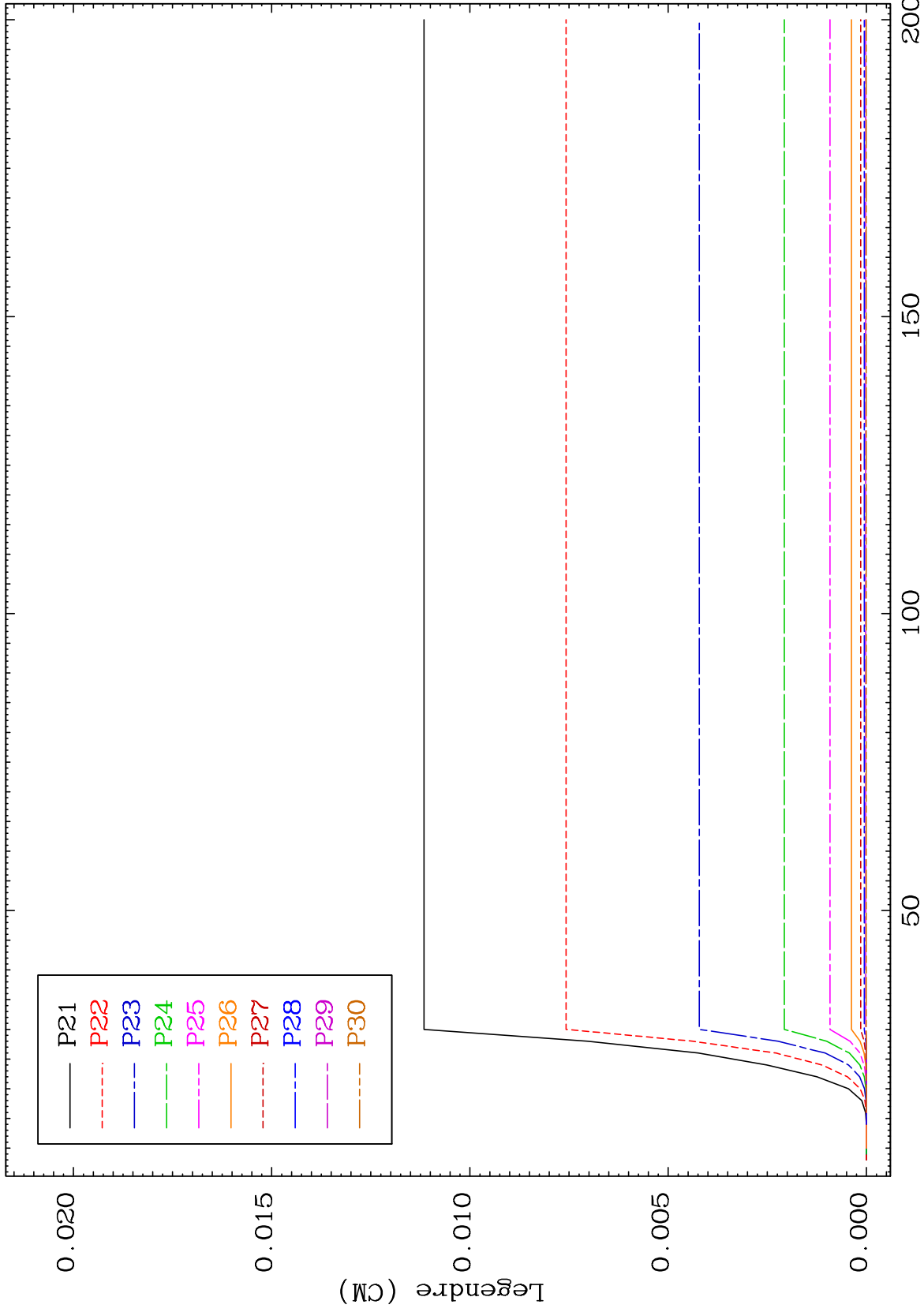
Incident Energy (MeV)

83-Bi-207

MAT 8319

1.949 MeV (n,n') Level
Legendre Coefficients

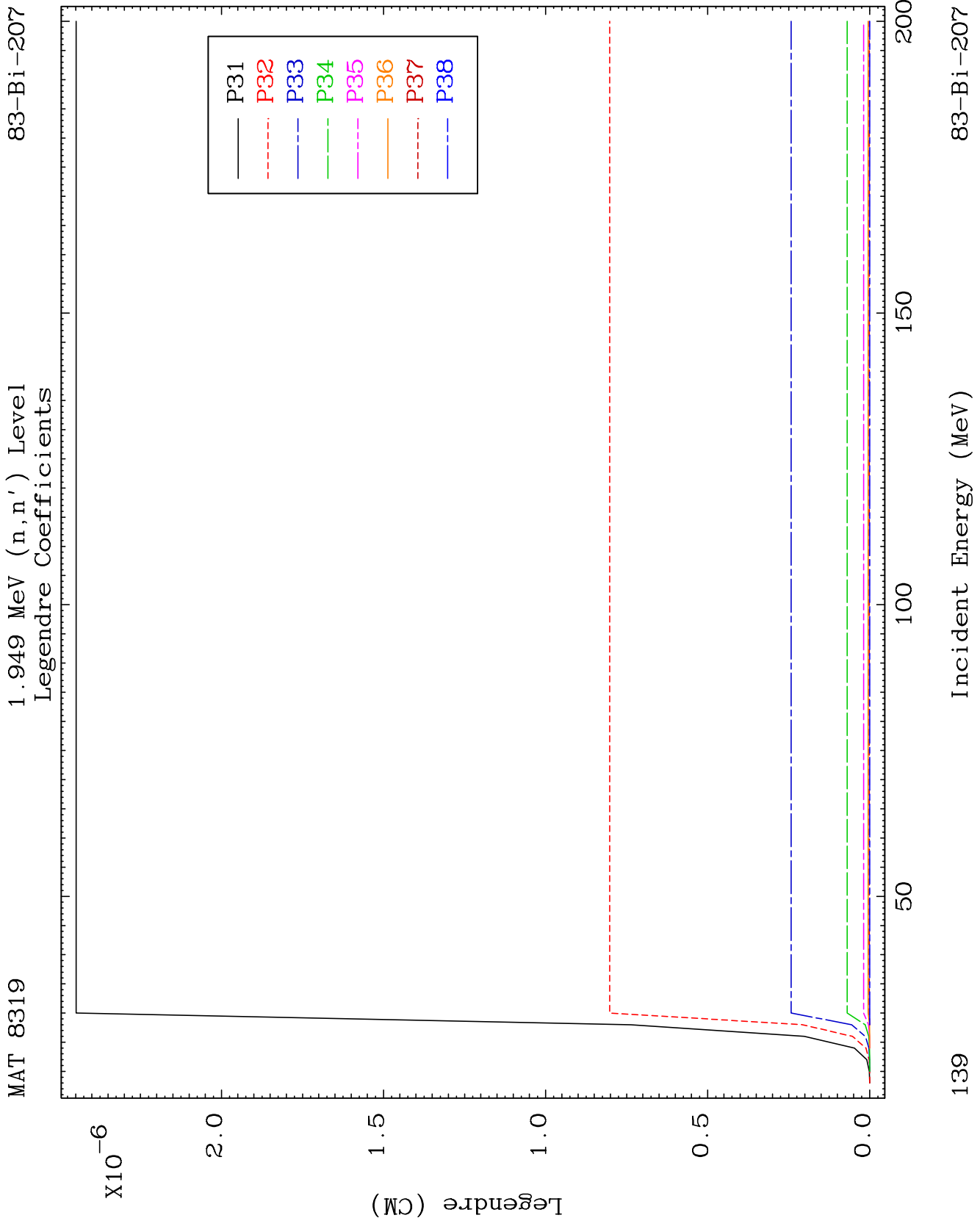
83-Bi-207



138

Incident Energy (MeV)

83-Bi-207

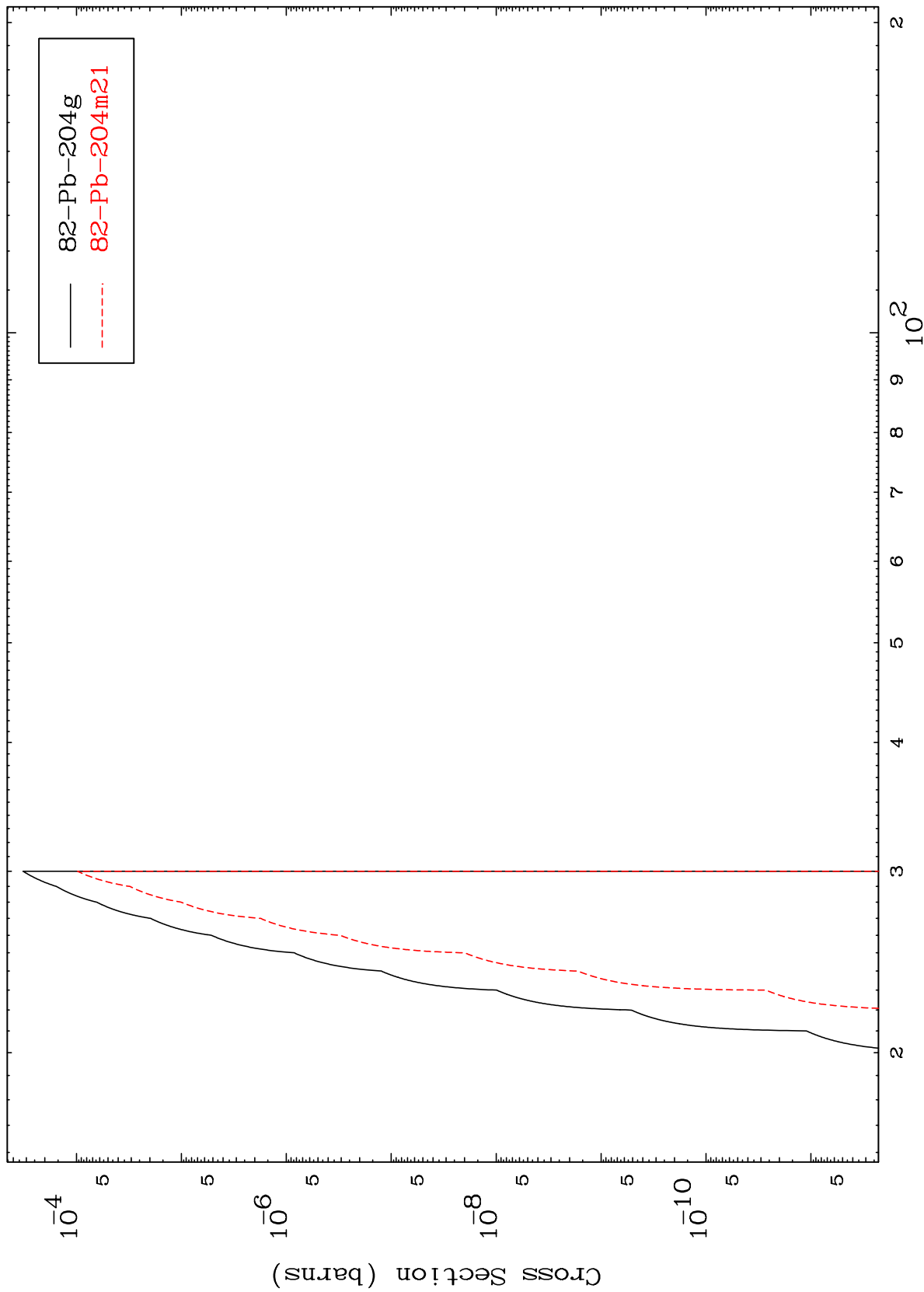


MAT 8319

(n,2n) d

83-Bi-207

Radionuclide Production Cross Section



140

Incident Energy (MeV)

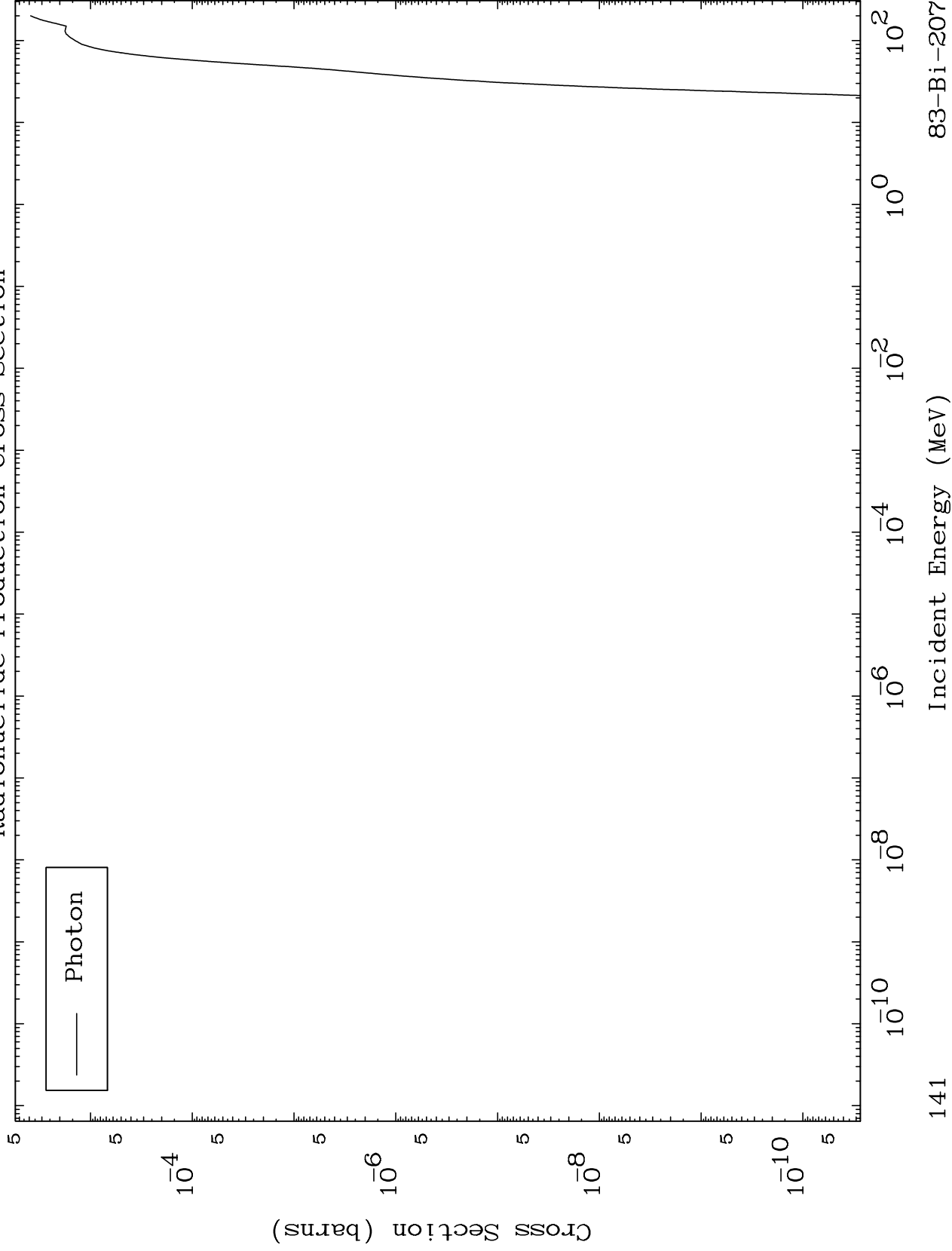
83-Bi-207

MAT 8319

Fission

83-Bi-207

Radionuclide Production Cross Section



141

Incident Energy (MeV)

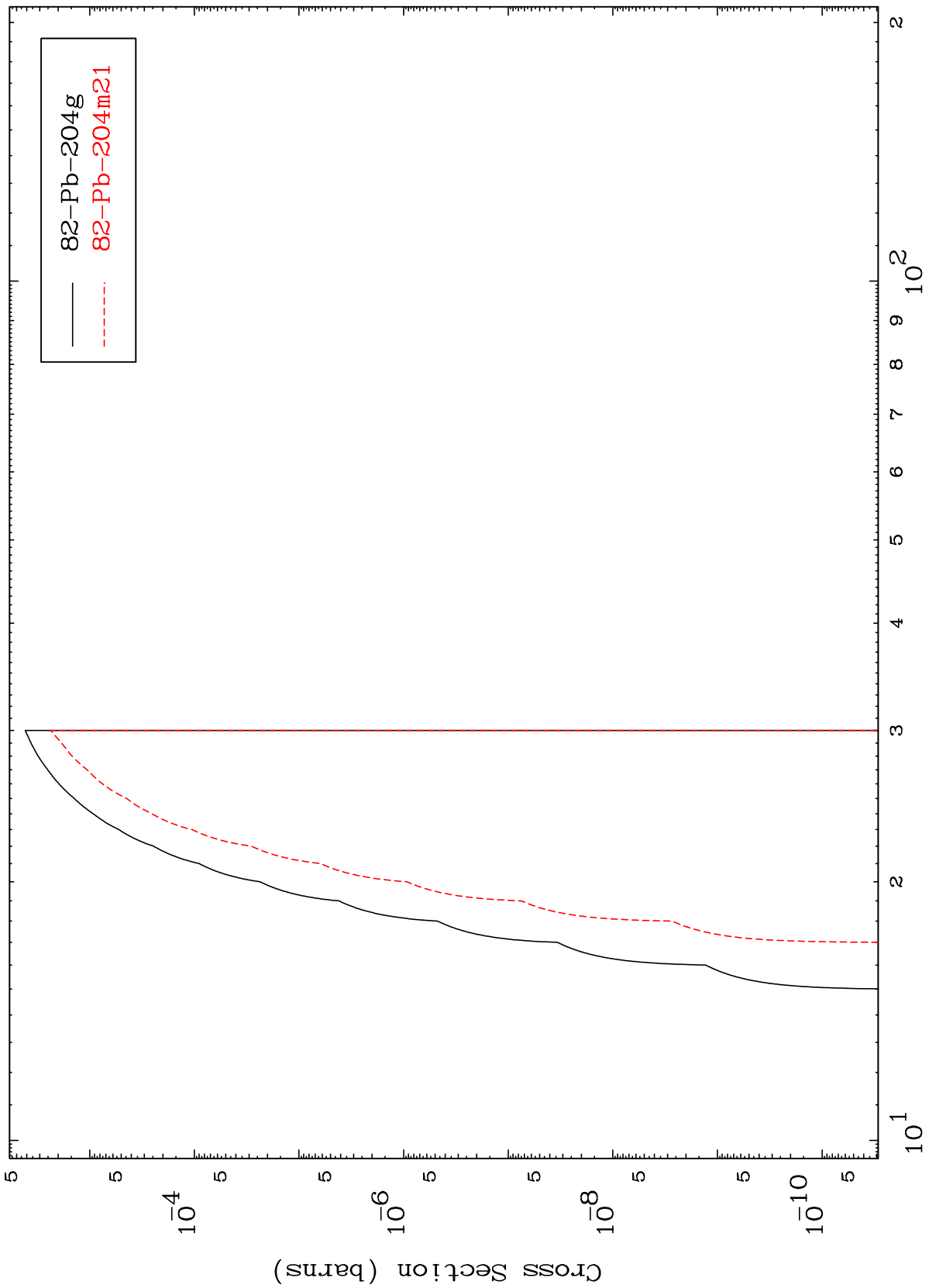
83-Bi-207

MAT 8319

(n,n') t

83-Bi-207

Radionuclide Production Cross Section



142

Incident Energy (MeV)

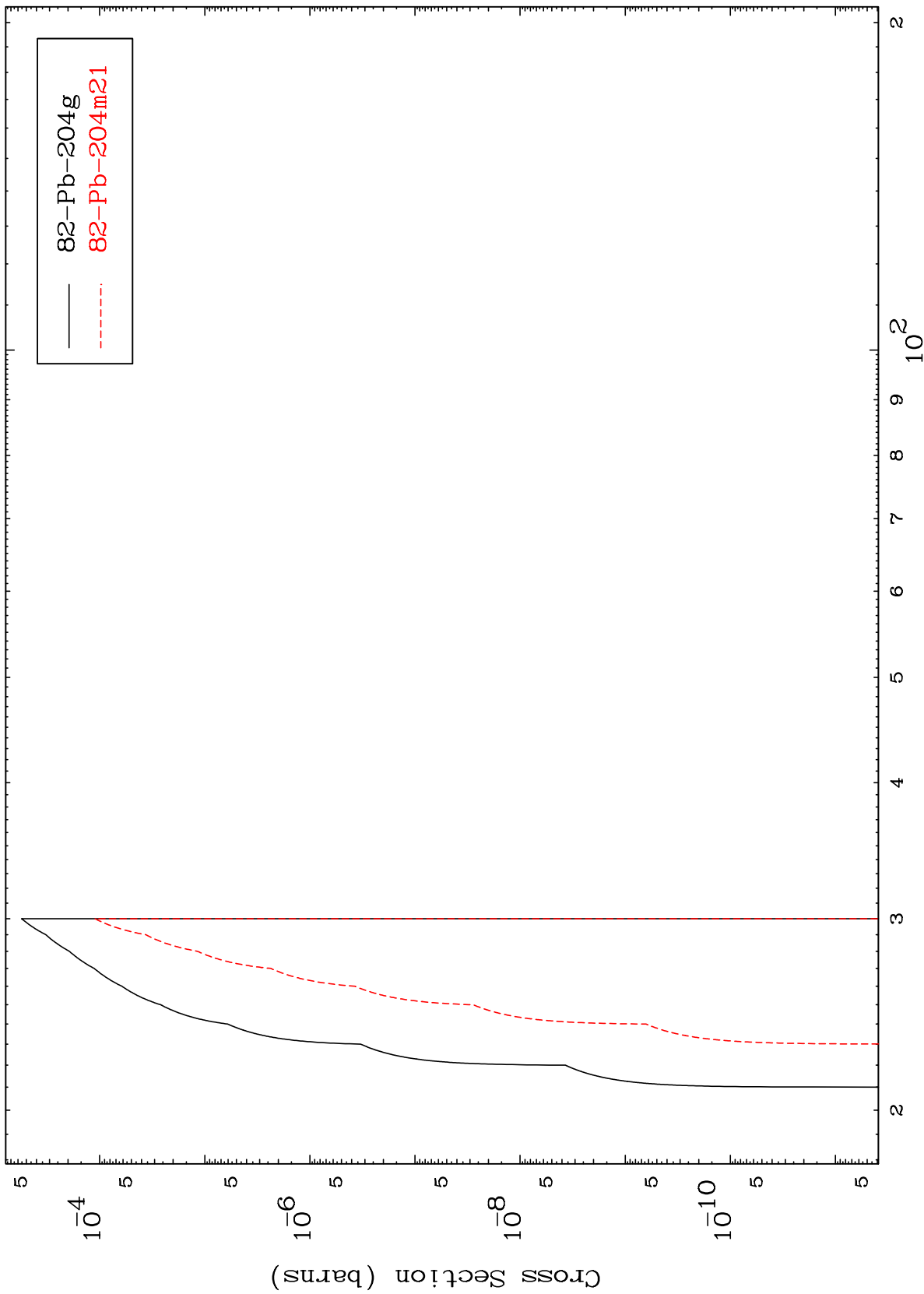
83-Bi-207

MAT 8319

(n,3n) p

83-Bi-207

Radionuclide Production Cross Section



143

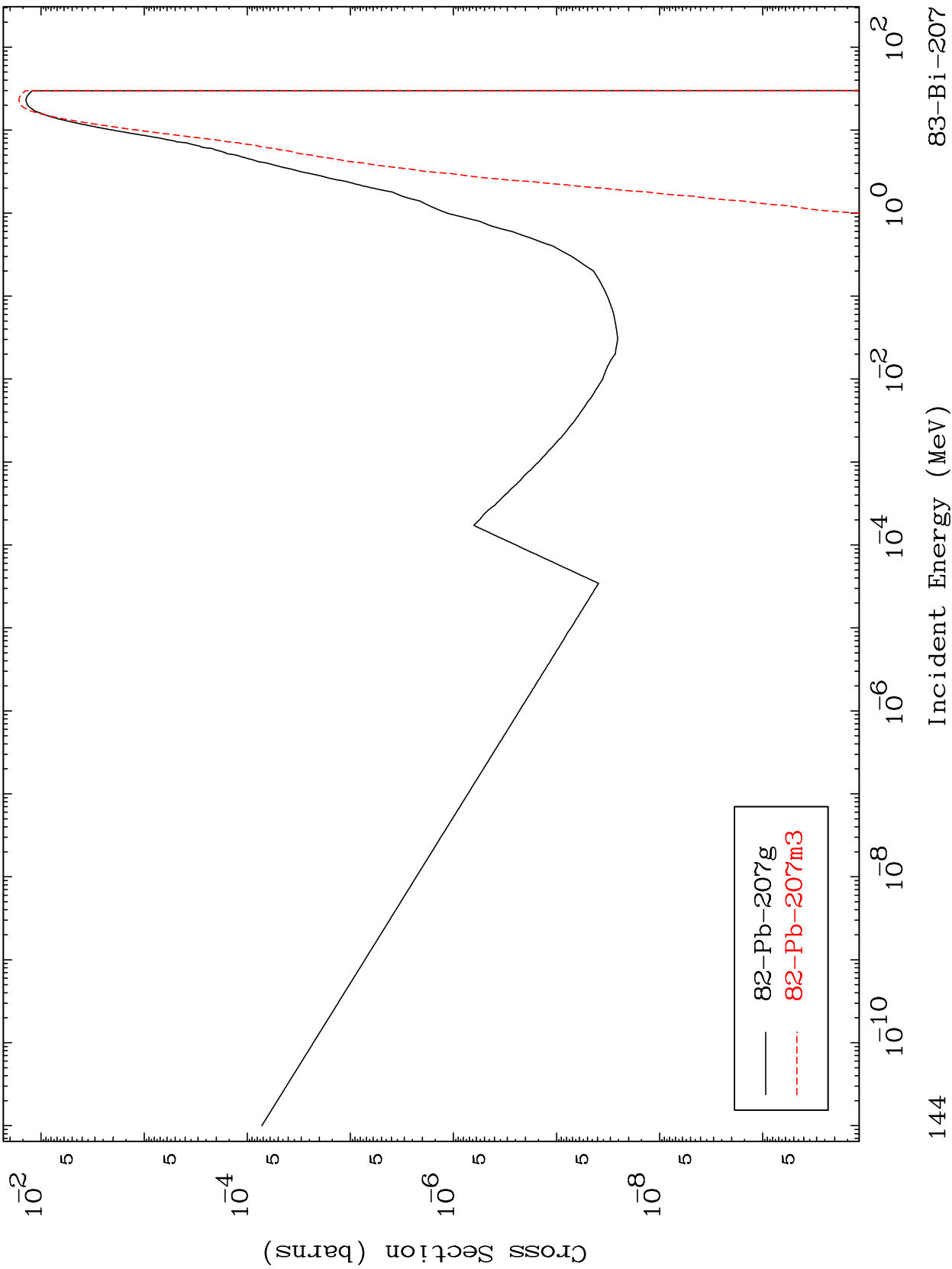
Incident Energy (MeV)

83-Bi-207

MAT 8319

83-Bi-207

(n,p)
Radionuclide Production Cross Section

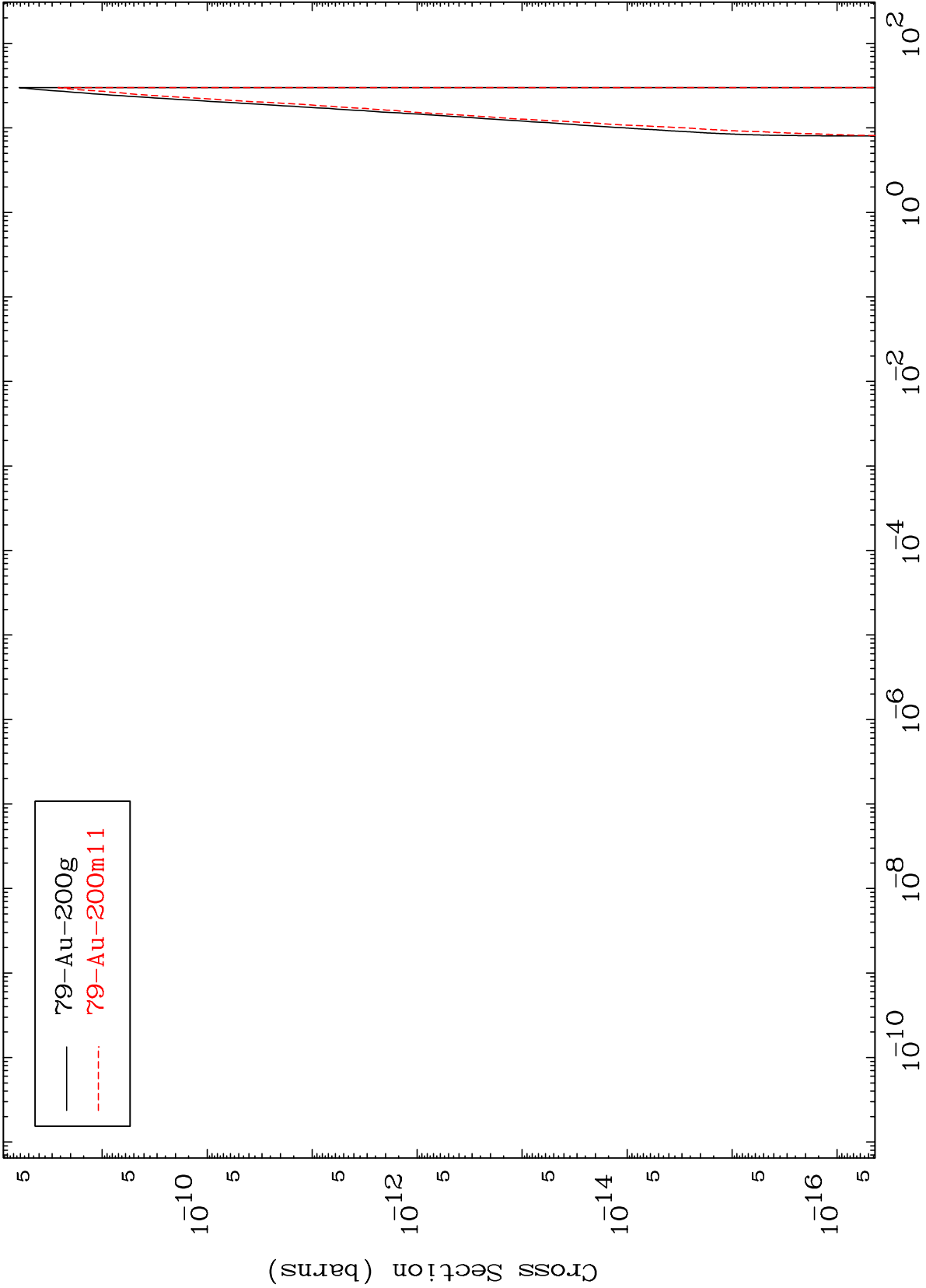


MAT 8319

(n,2α)

83-Bi-207

Radionuclide Production Cross Section

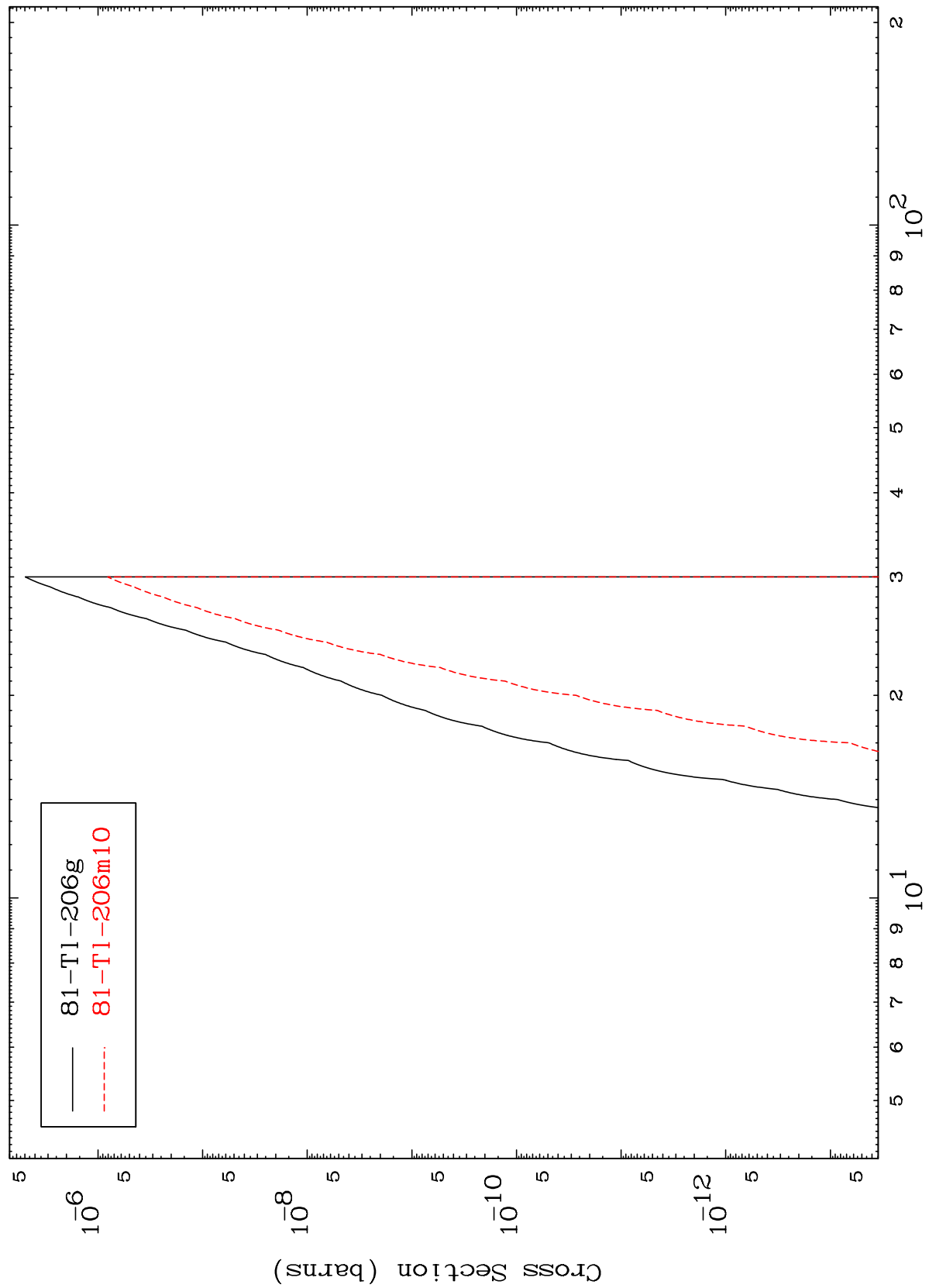


79-Au-200g
79-Au-200m11

MAT 8319

83-Bi-207

(n,2p)
Radionuclide Production Cross Section



81-Tl-206g
81-Tl-206m10

146

Incident Energy (MeV)

83-Bi-207