

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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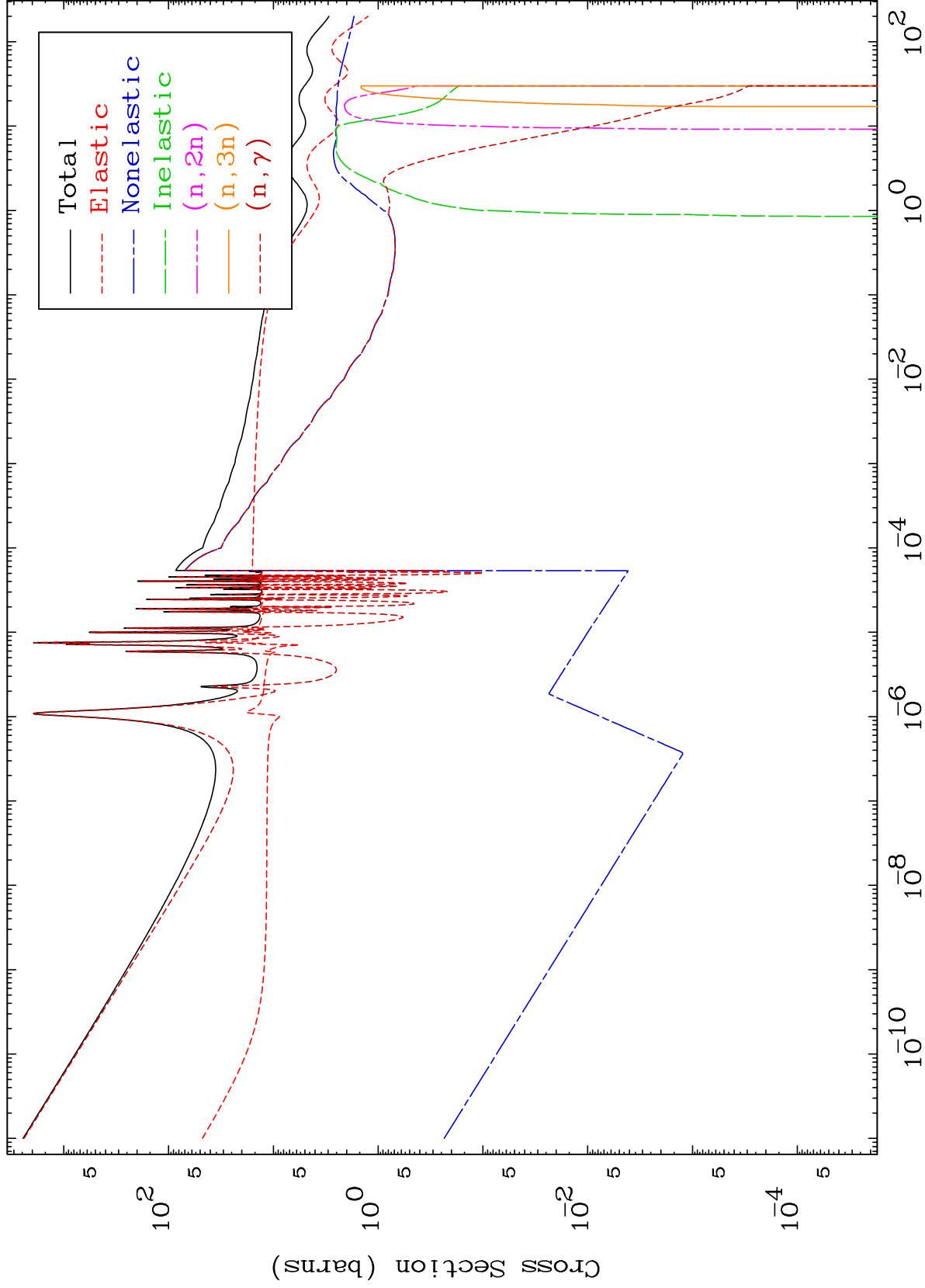
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8301

Neutron Major
293 Kelvin Cross Sections

83-Bi-201



1

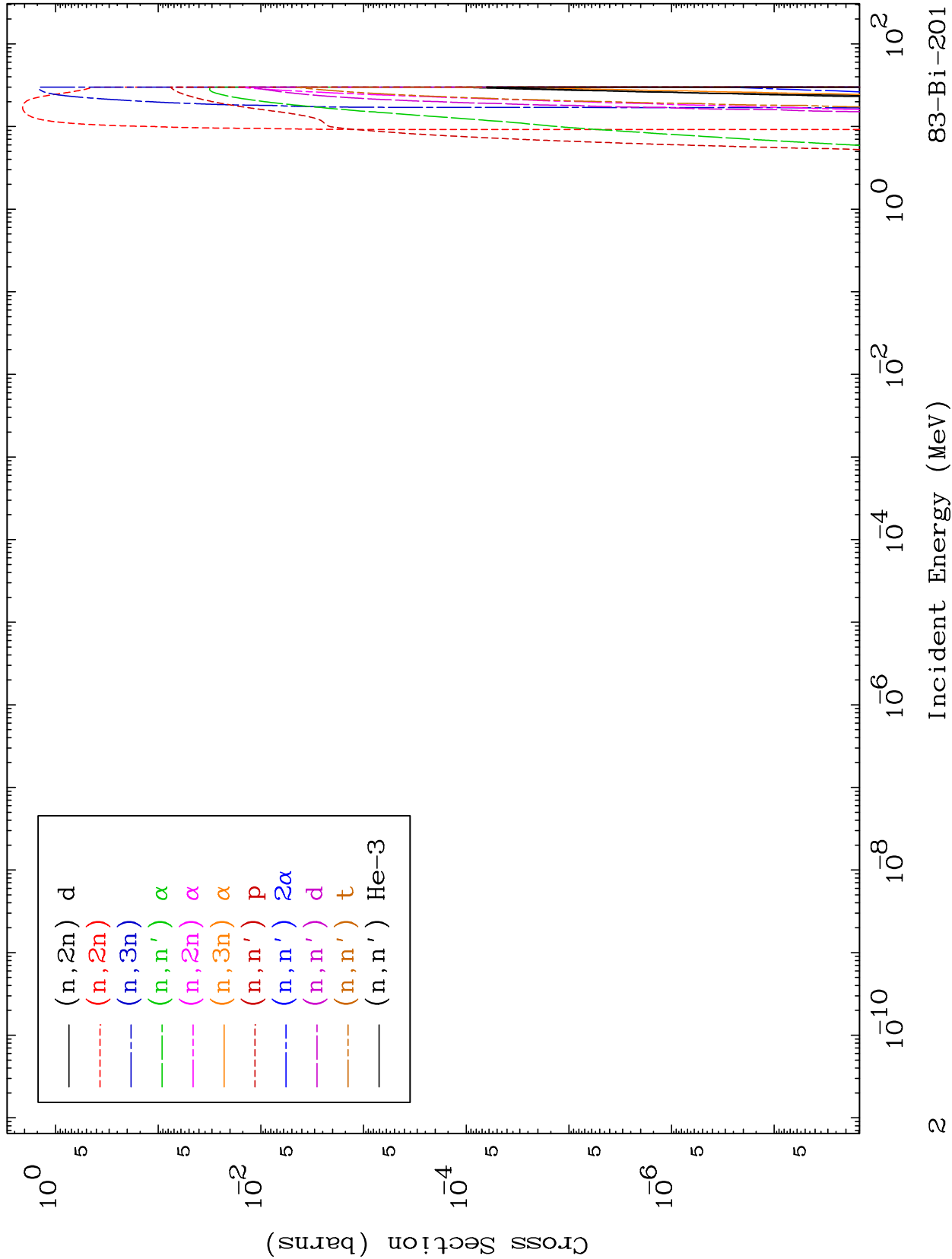
Incident Energy (MeV)

83-Bi-201

MAT 8301

Neutron Absorption
293 Kelvin Cross Sections

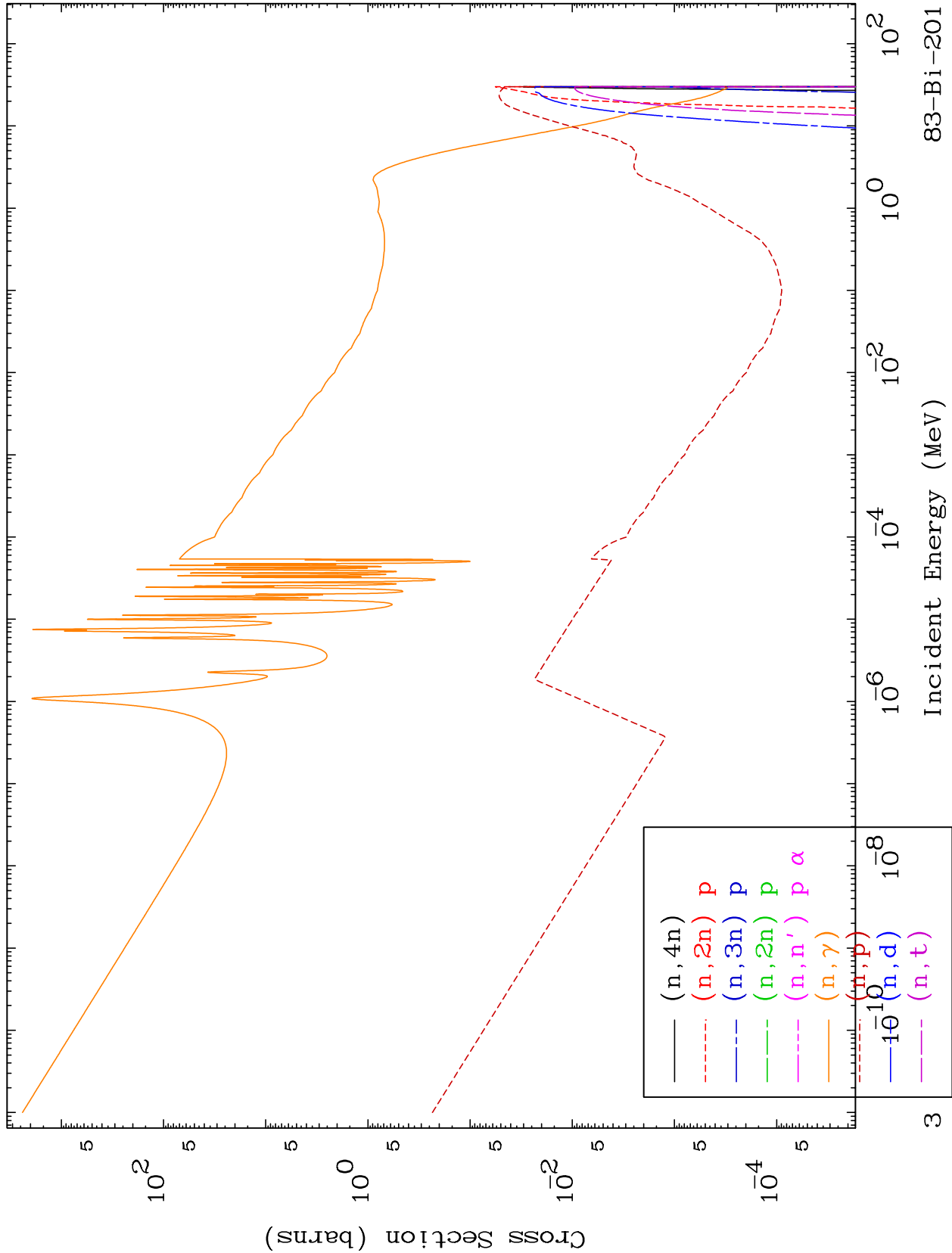
83-Bi-201

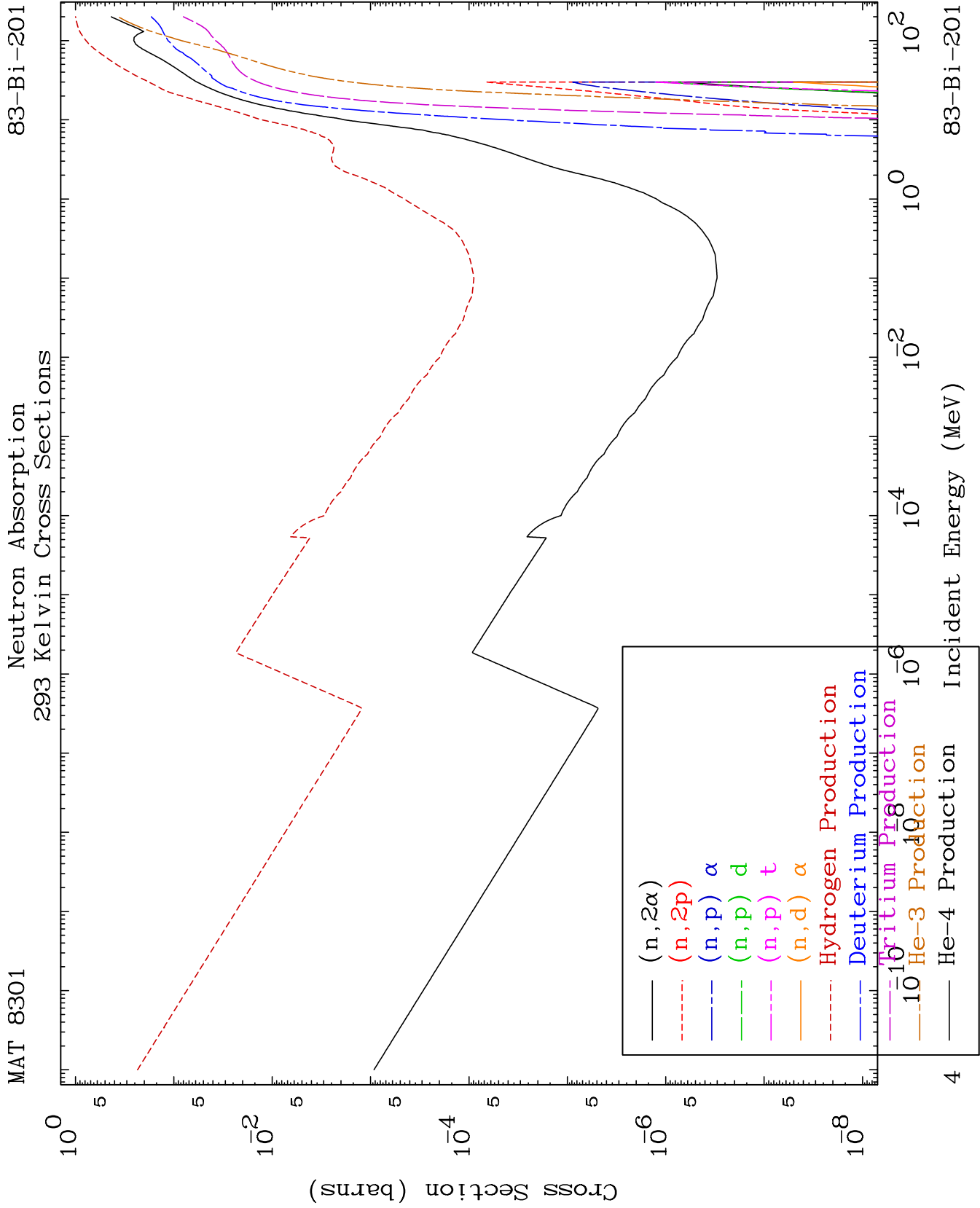


MAT 8301

Neutron Absorption
293 Kelvin Cross Sections

83-Bi-201

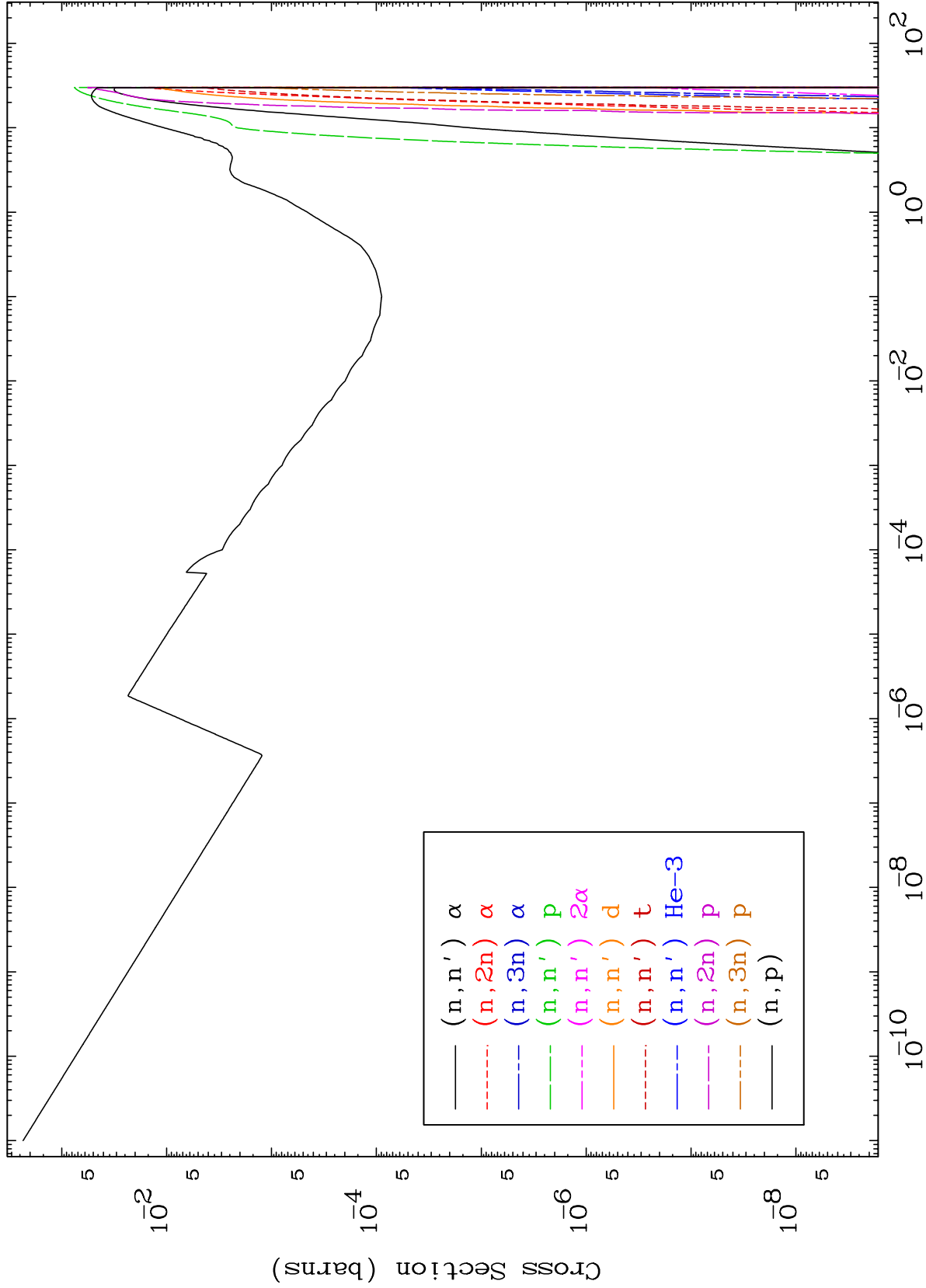


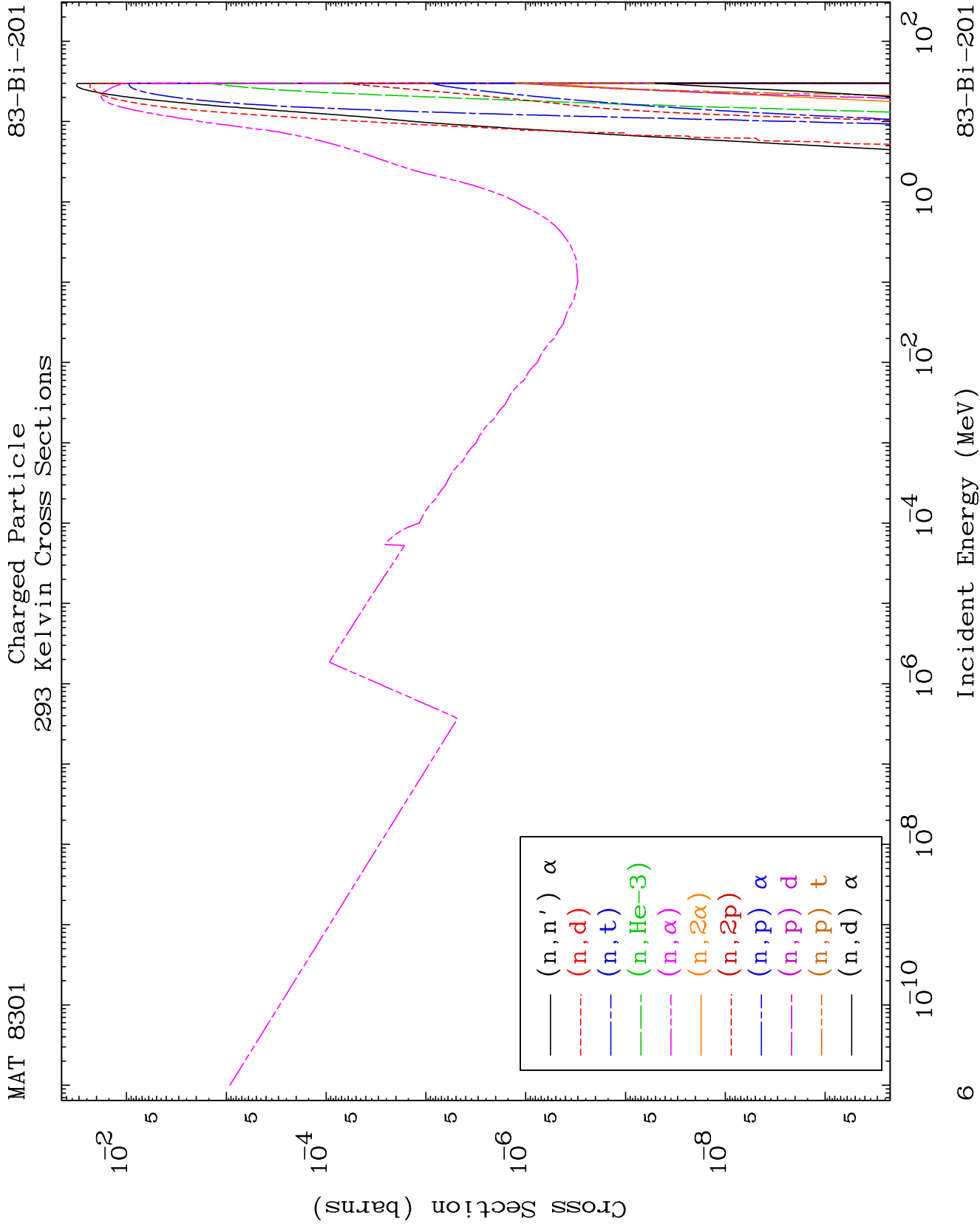


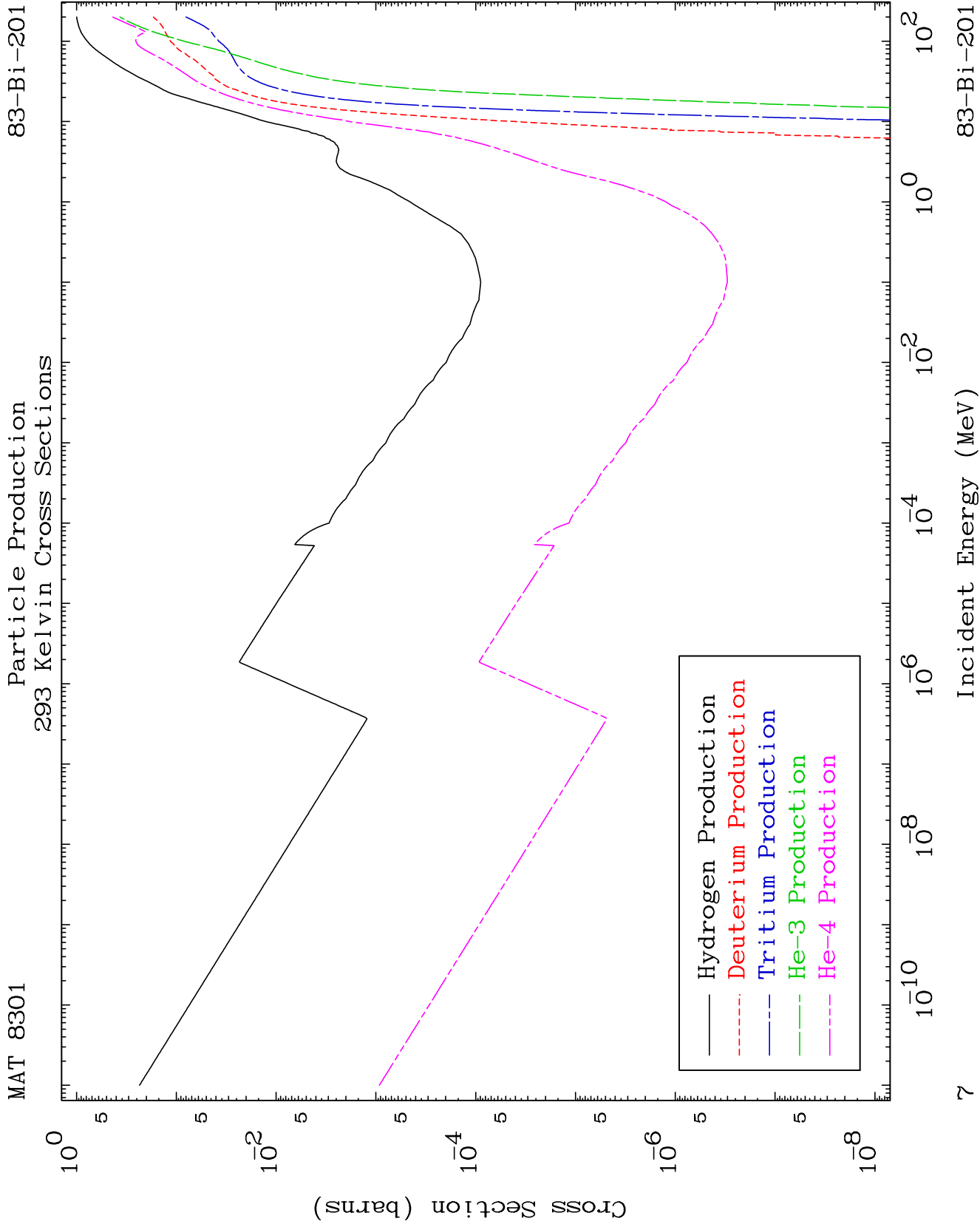
MAT 8301

Charged Particle
293 Kelvin Cross Sections

83-Bi-201





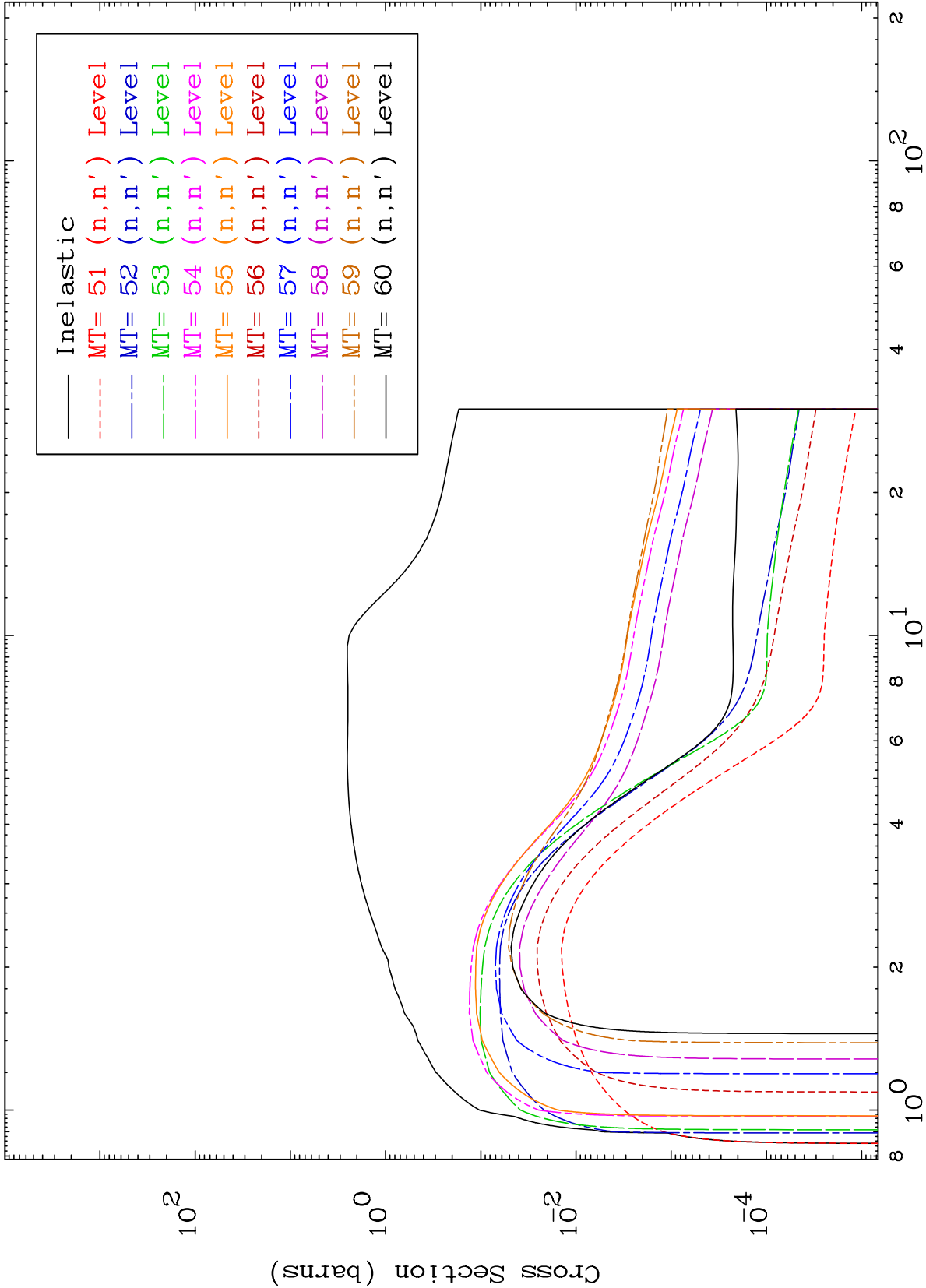


MAT 8301

(n,n') Levels

293 Kelvin Cross Sections

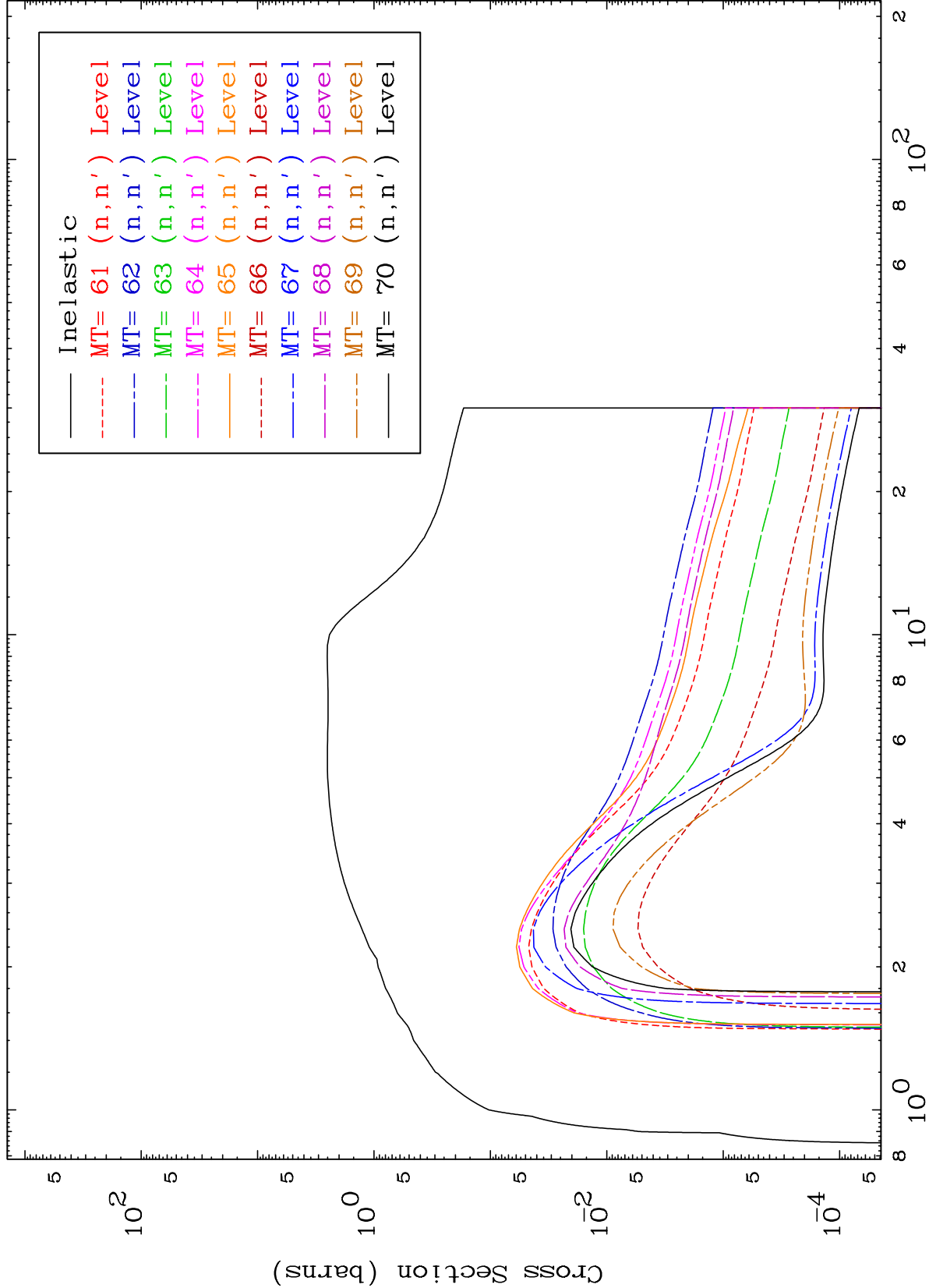
83-Bi-201



8

Incident Energy (MeV)

83-Bi-201

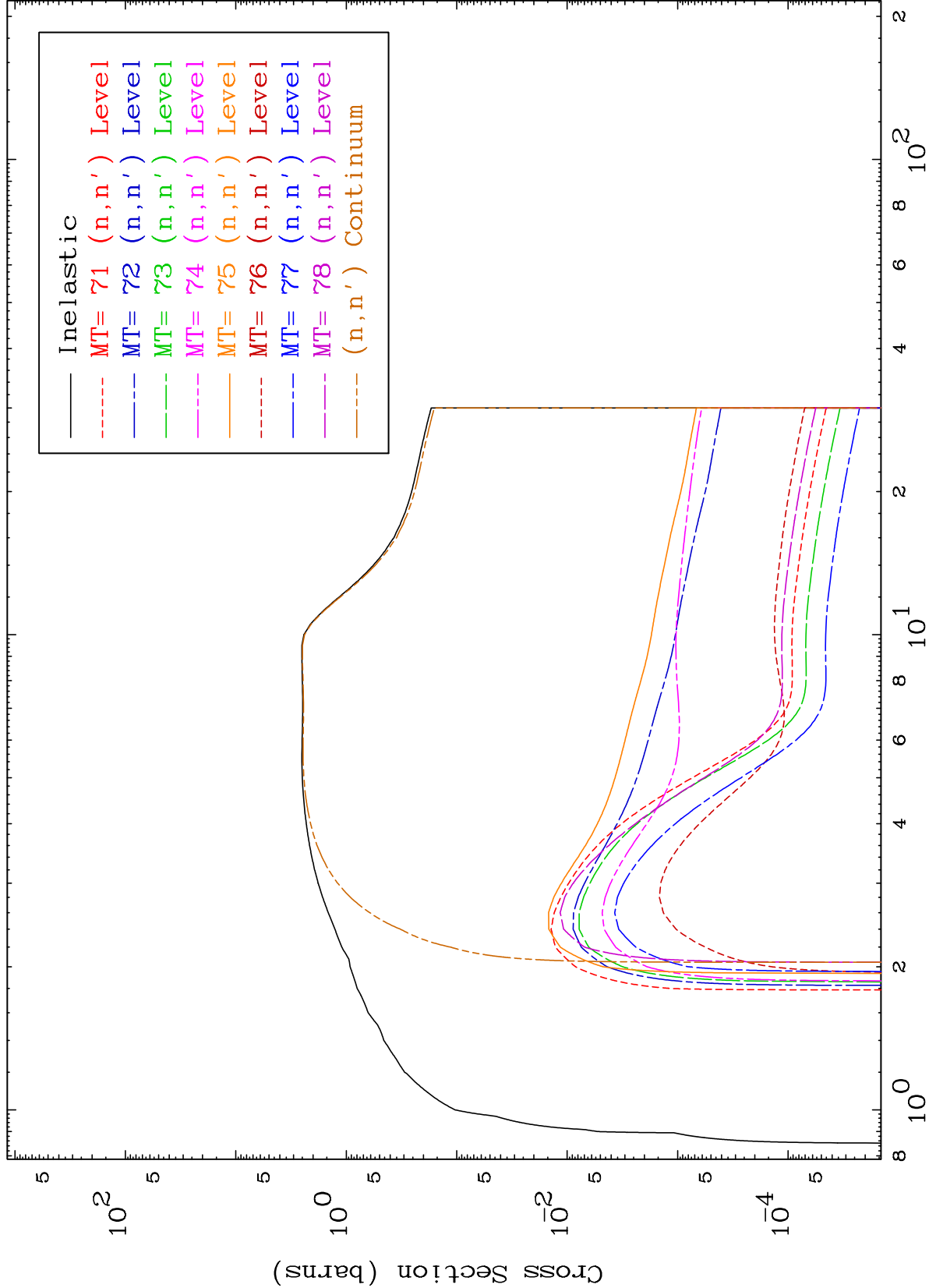


MAT 8301

(n,n') Levels

293 Kelvin Cross Sections

83-Bi-201



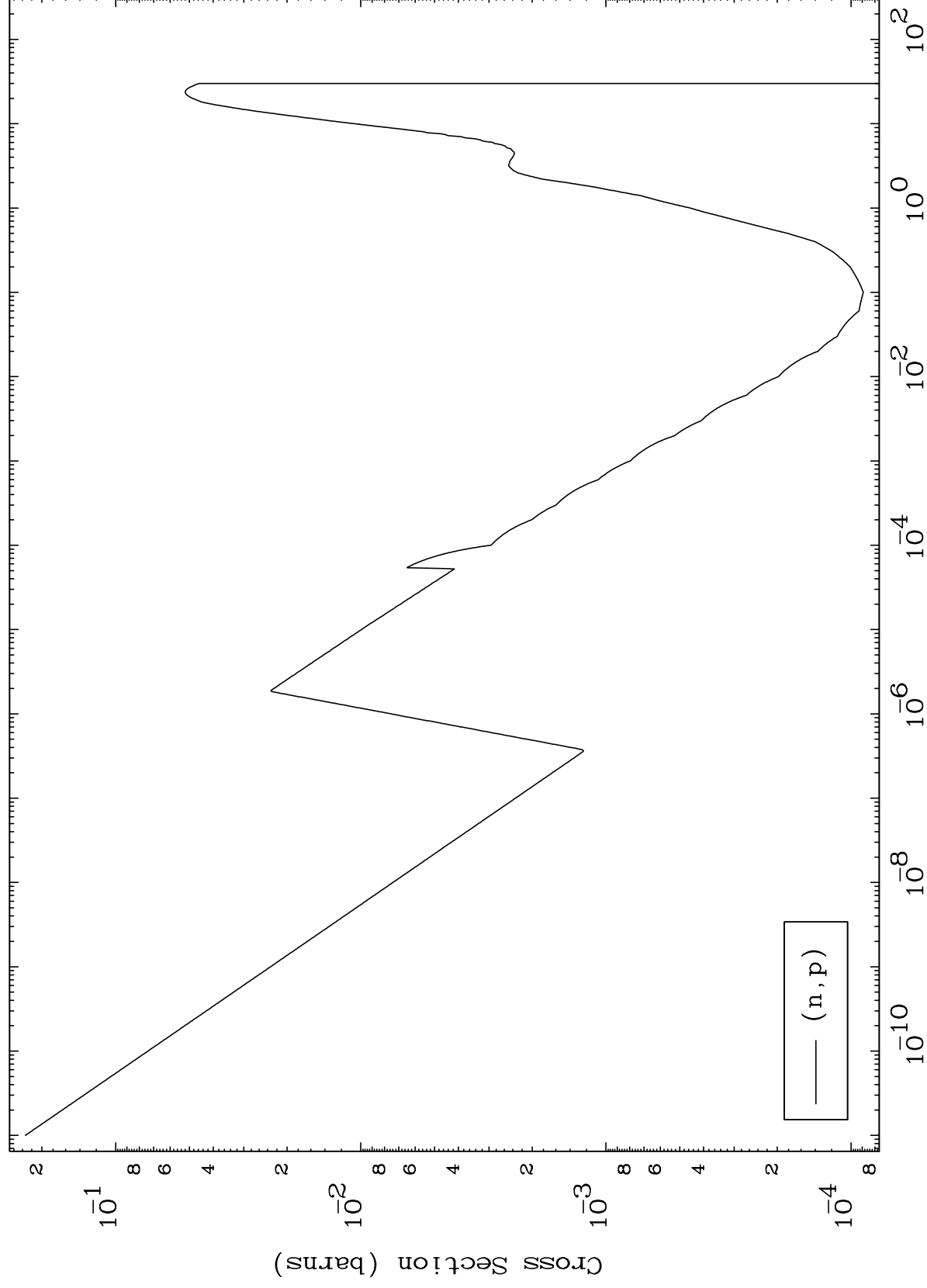
Incident Energy (MeV)

83-Bi-201

MAT 8301

83-Bi-201

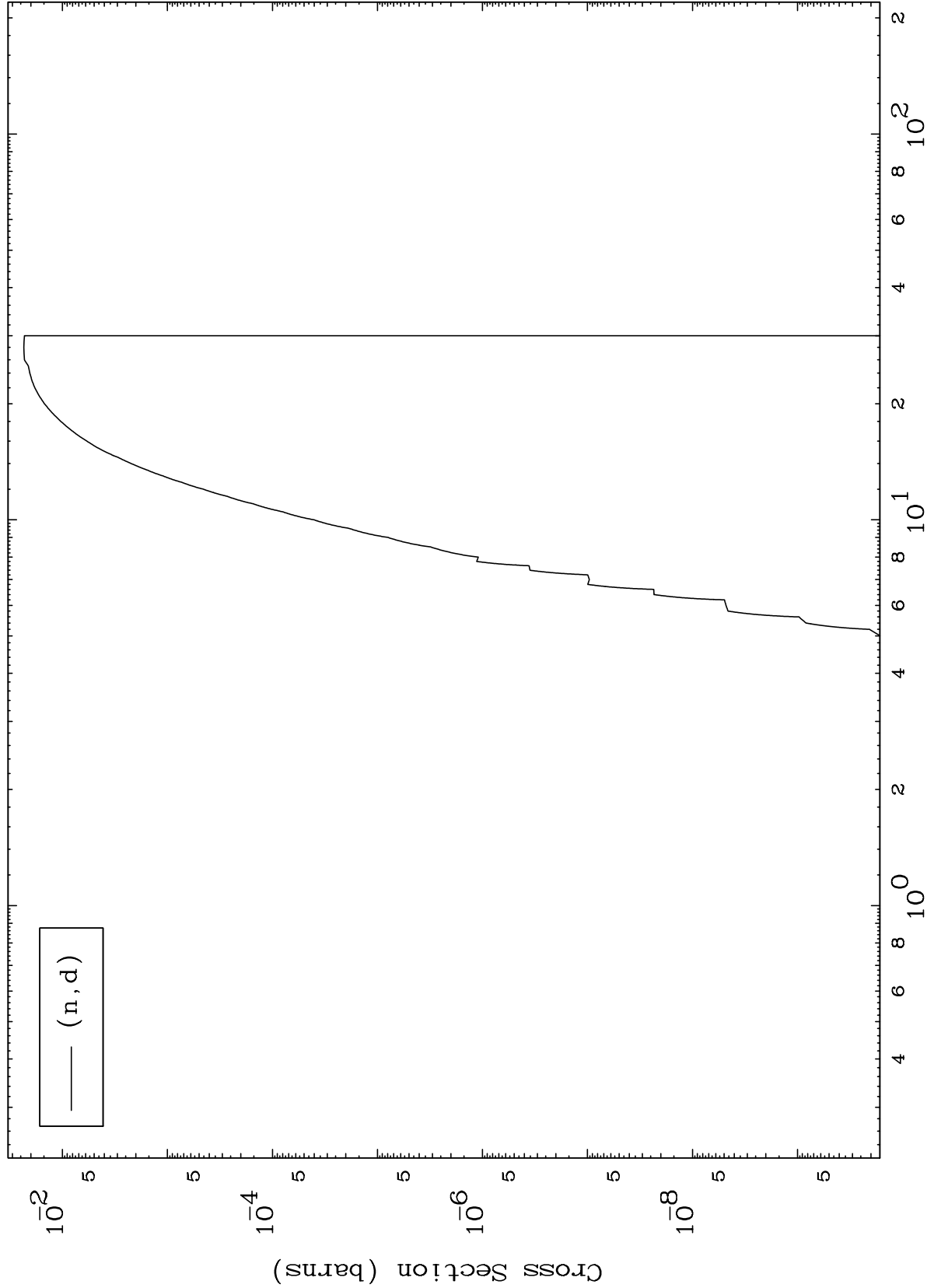
(n,p) Levels
293 Kelvin Cross Sections



MAT 8301

83-Bi-201

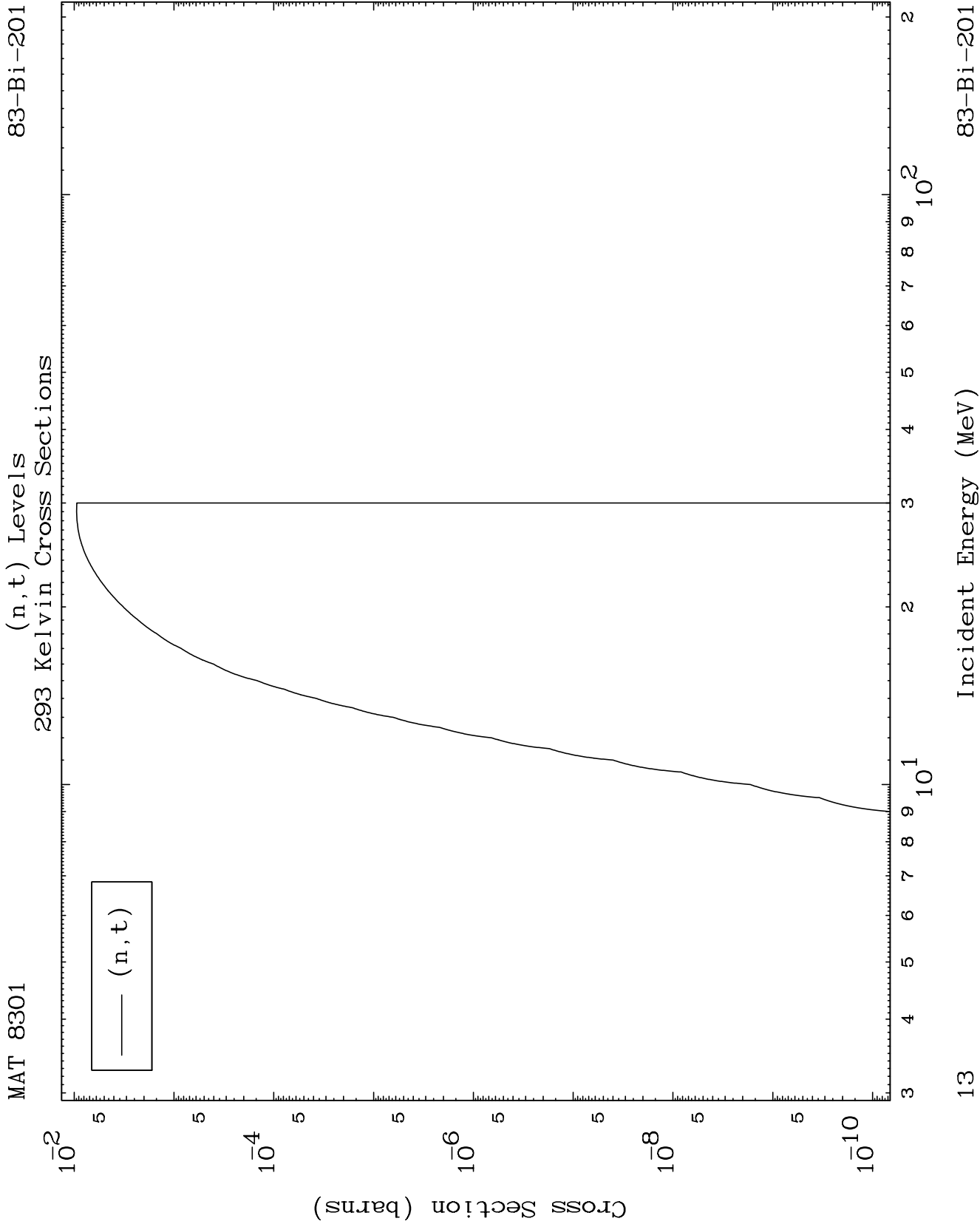
(n,d) Levels
293 Kelvin Cross Sections



12

Incident Energy (MeV)

83-Bi-201

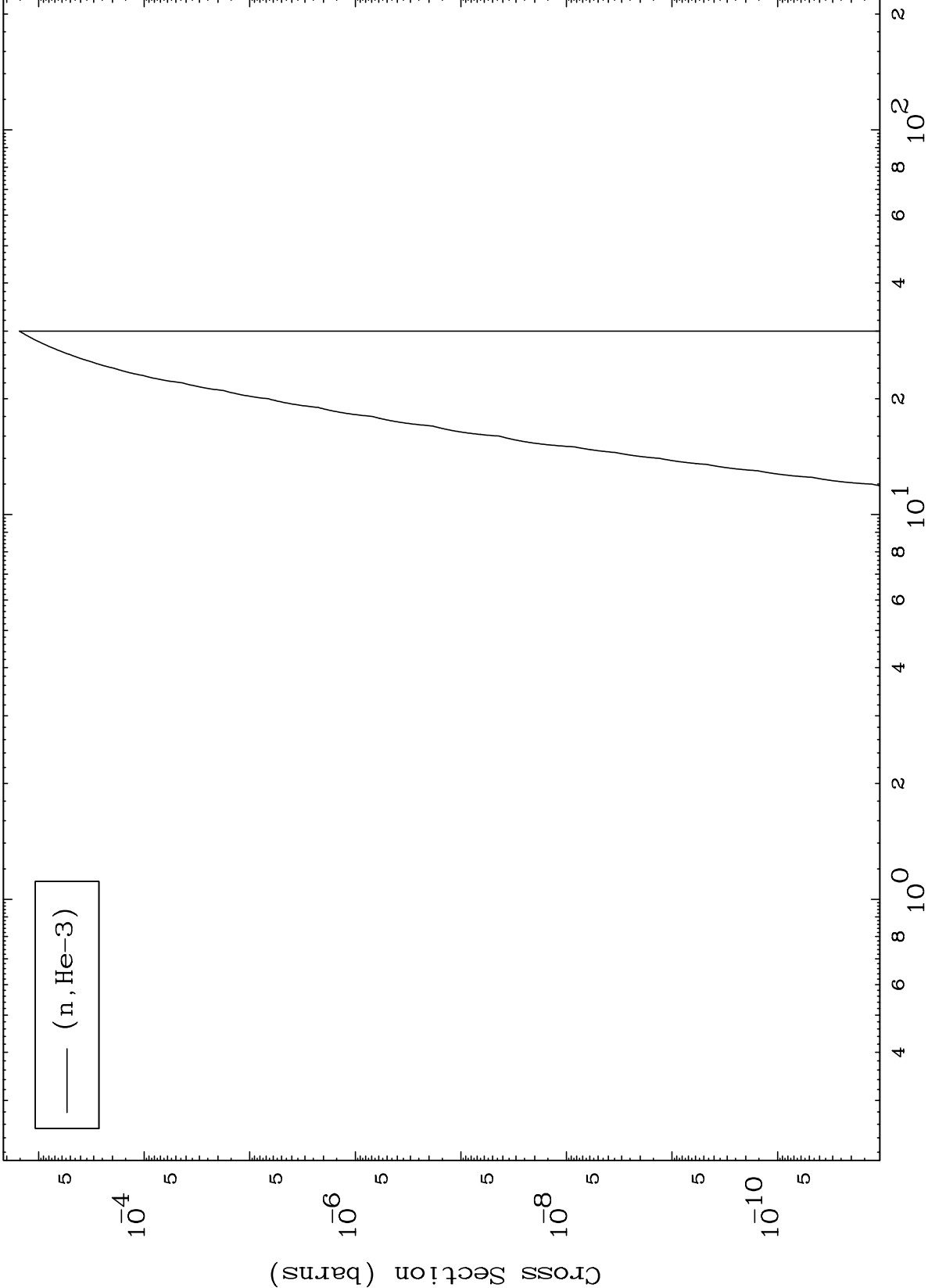


MAT 8301

(n,He3) Levels

83-Bi-201

293 Kelvin Cross Sections



14

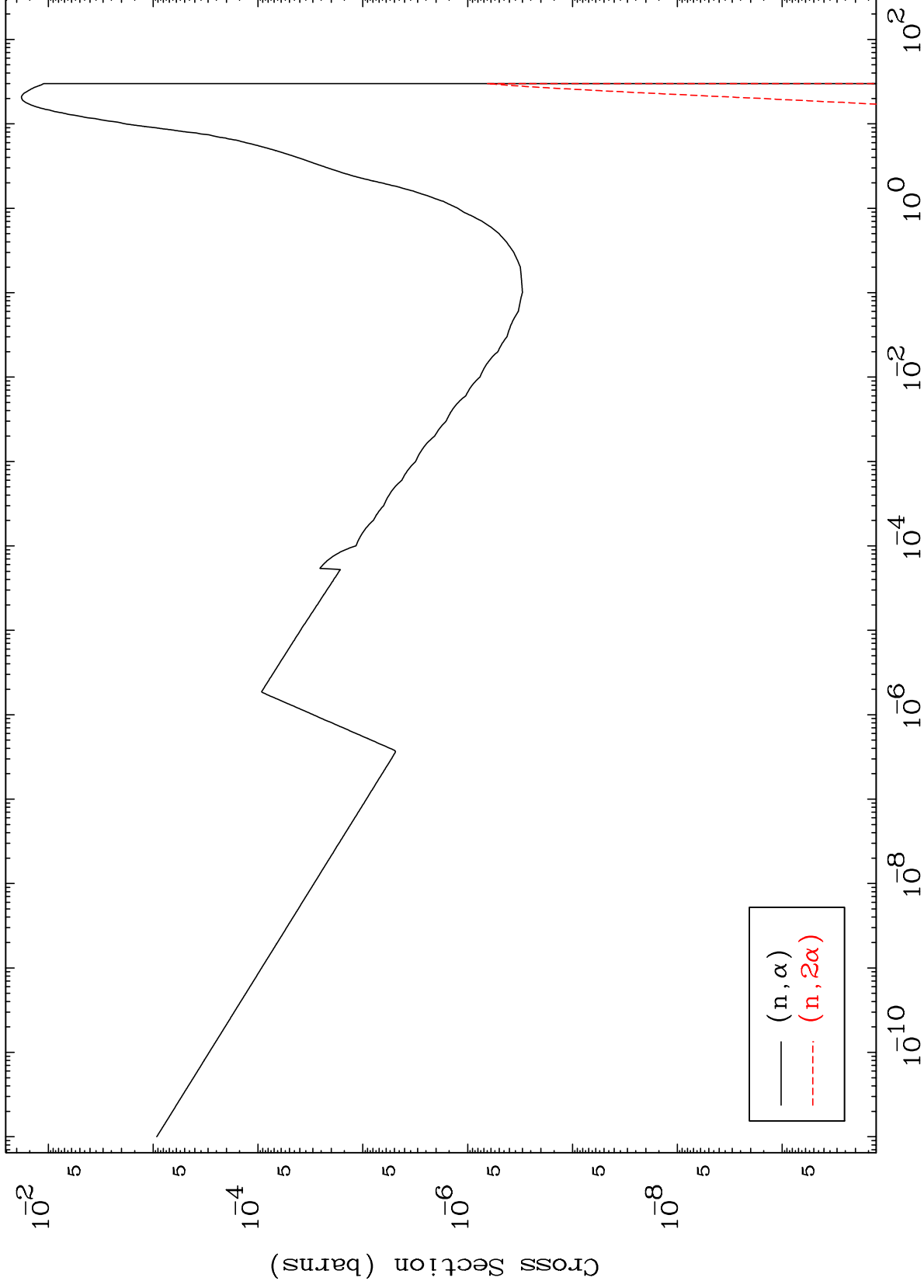
Incident Energy (MeV)

83-Bi-201

MAT 8301

83-Bi-201

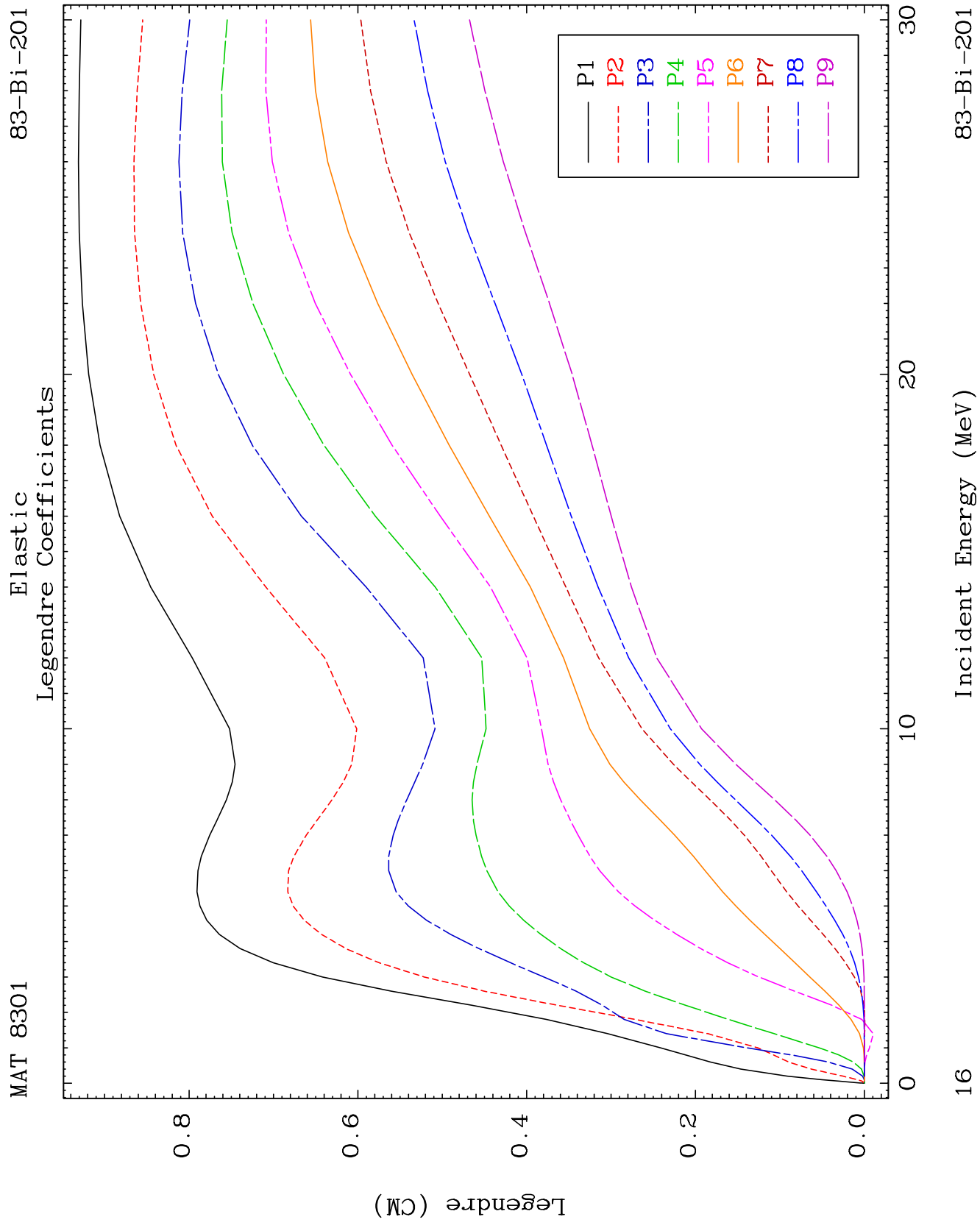
(n, α) Levels
293 Kelvin Cross Sections

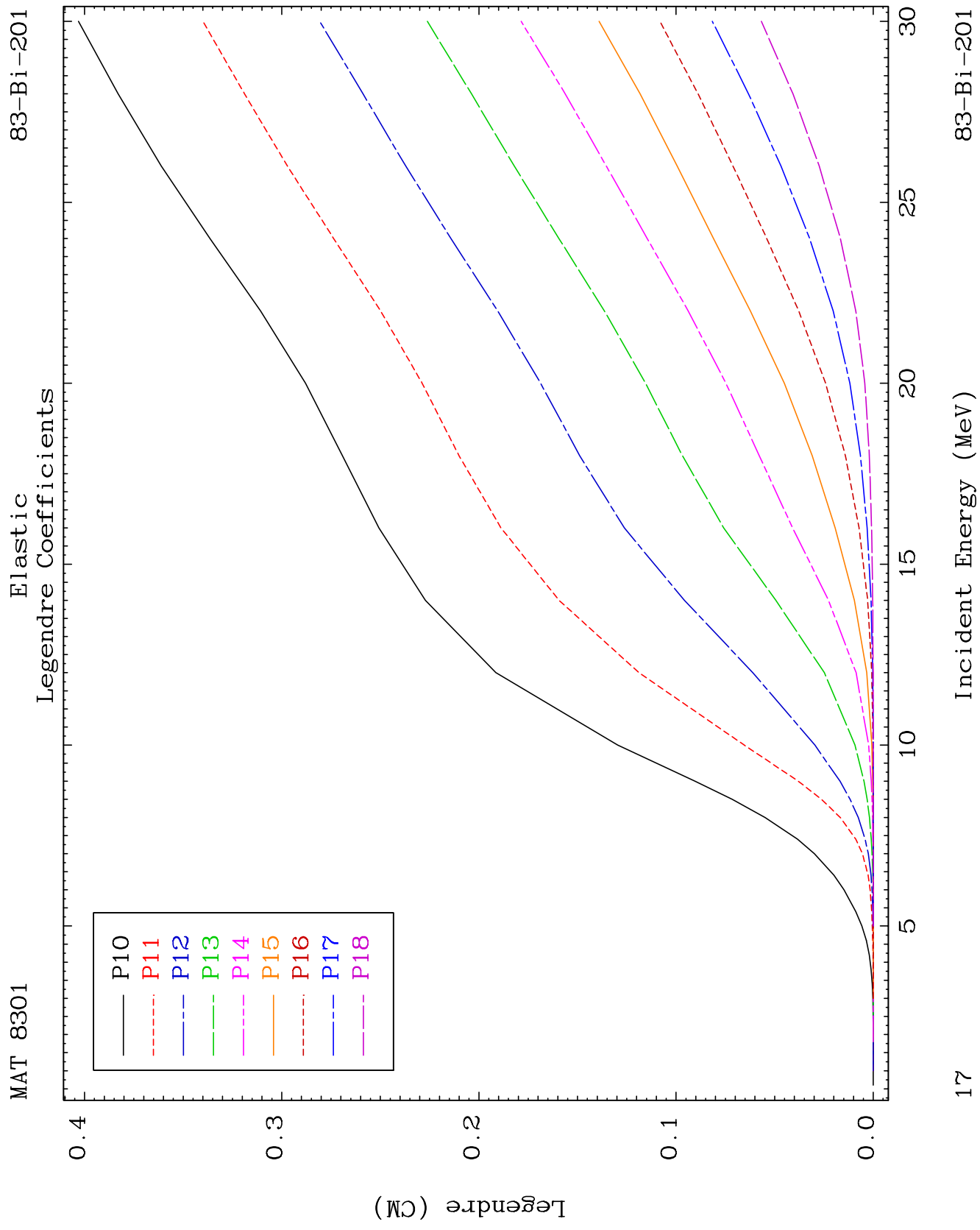


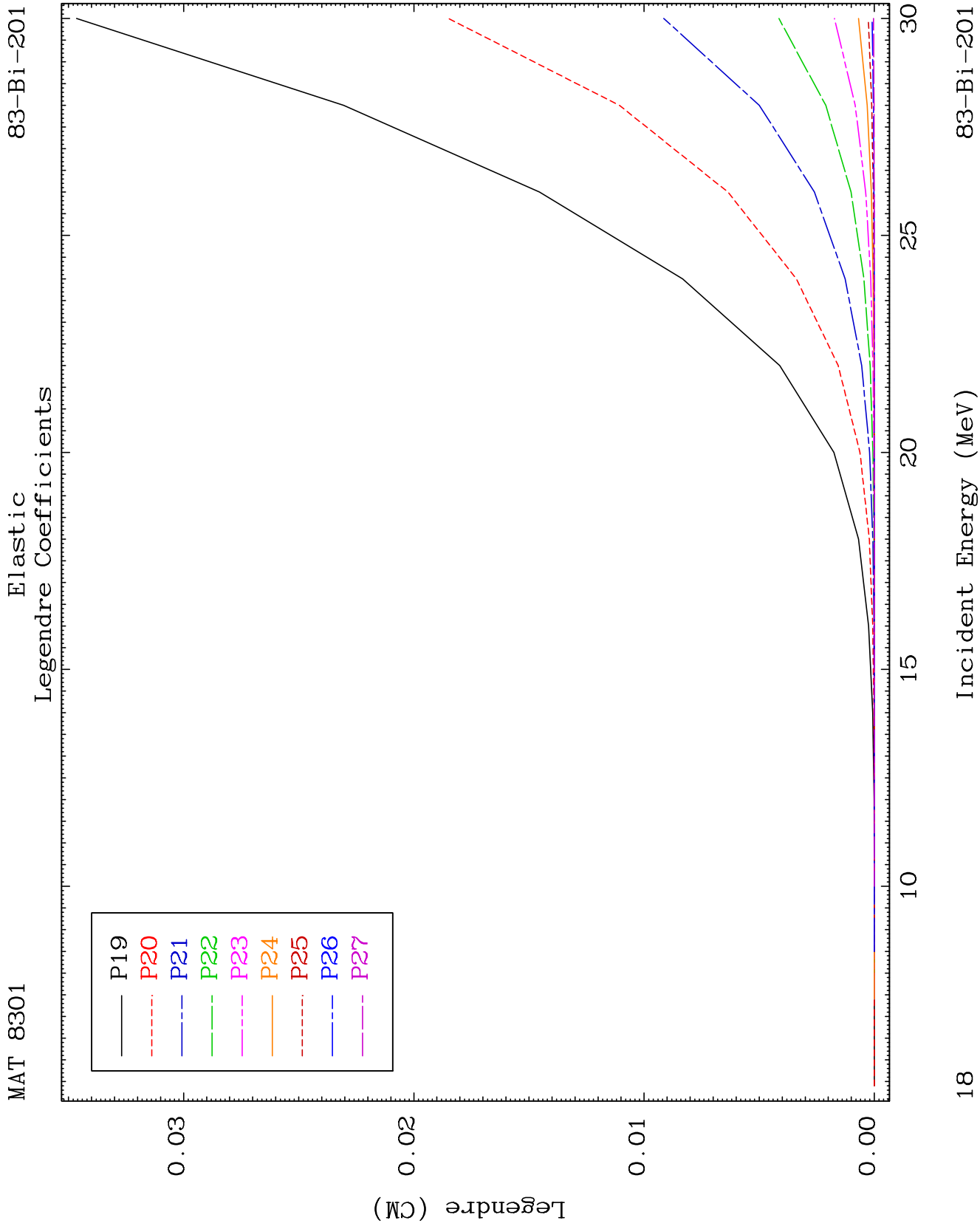
83-Bi-201

Incident Energy (MeV)

15



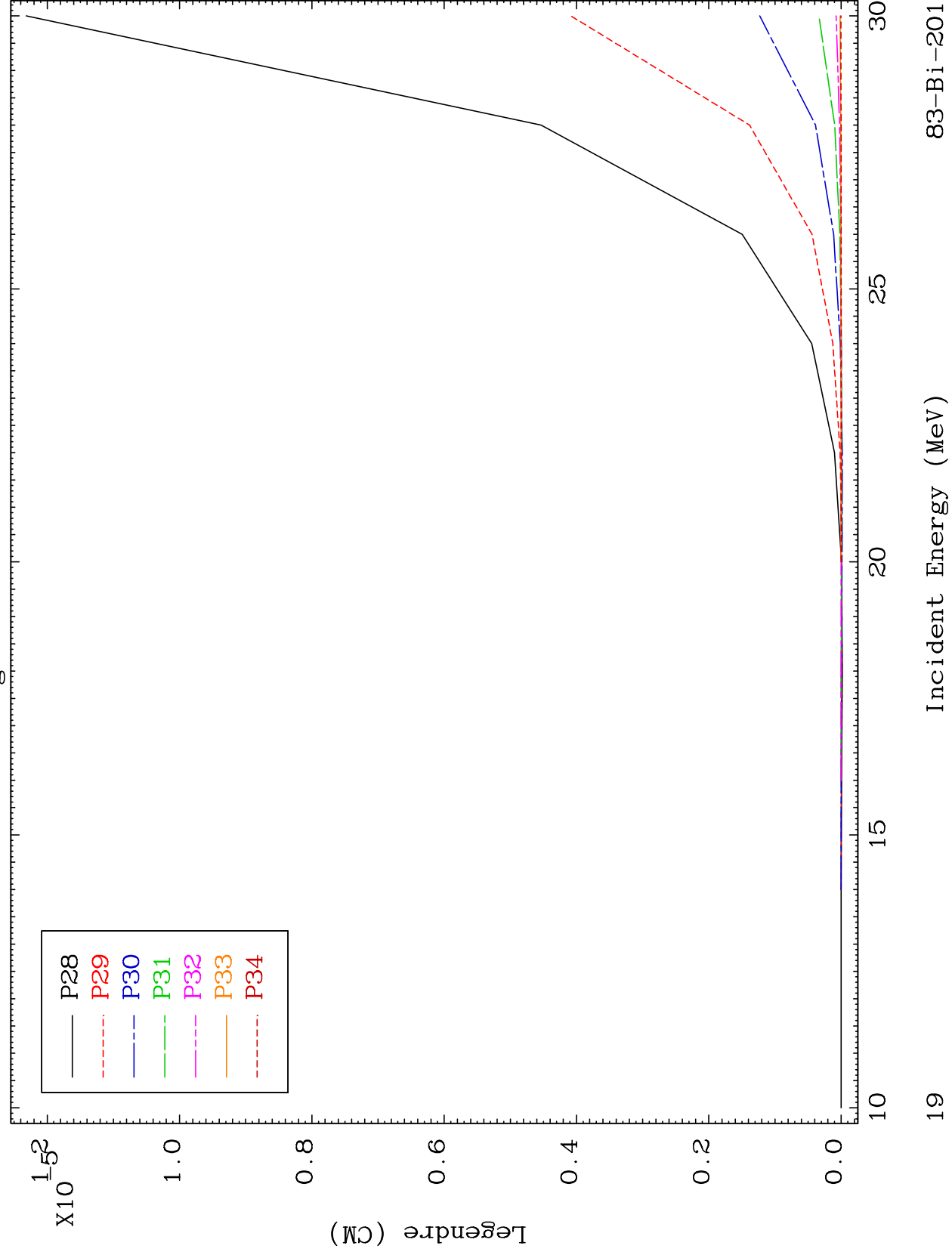




MAT 8301

Elastic Legendre Coefficients

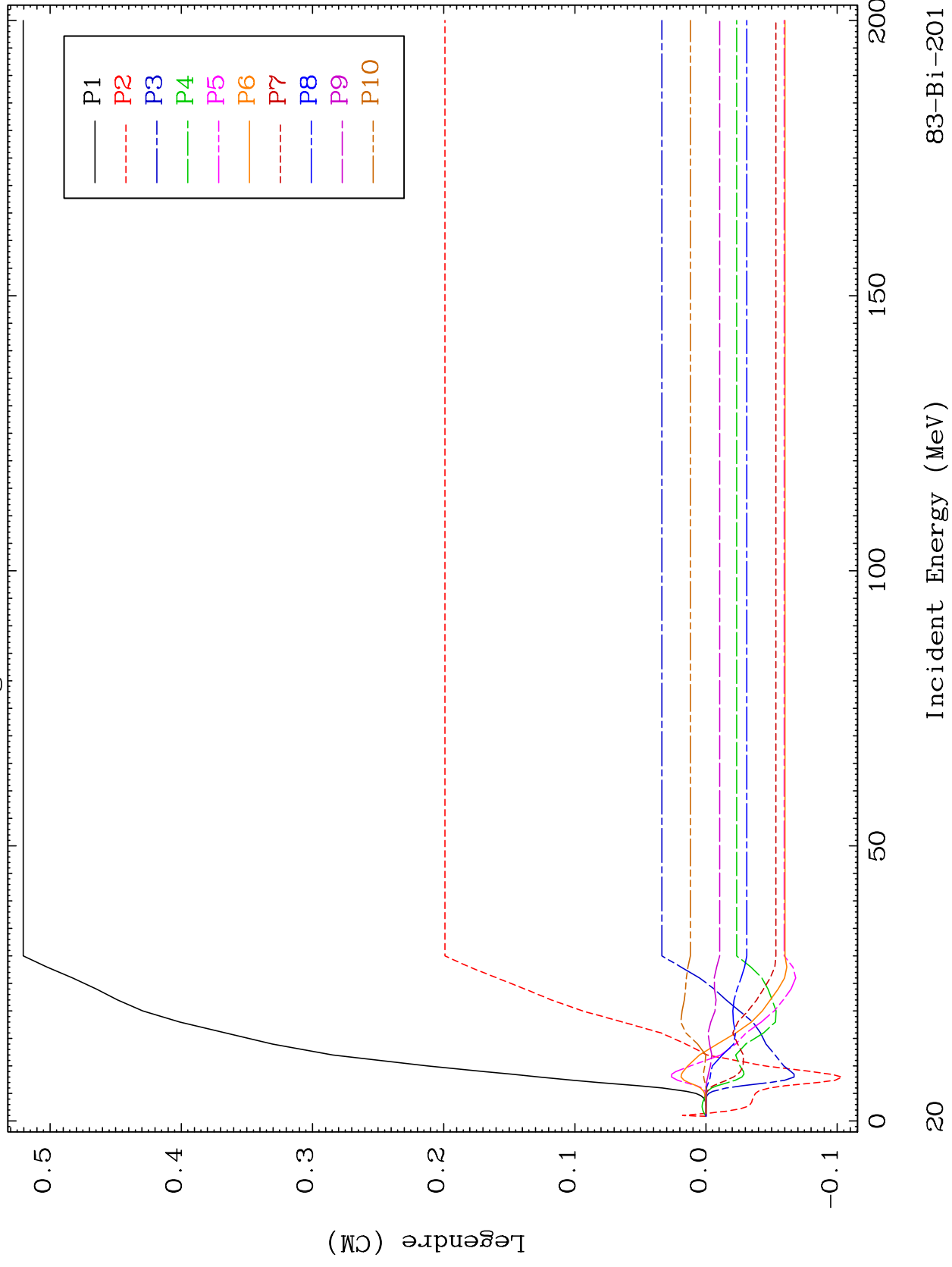
83-Bi-201



MAT 8301

MT= 51 (n, n') Level
Legendre Coefficients

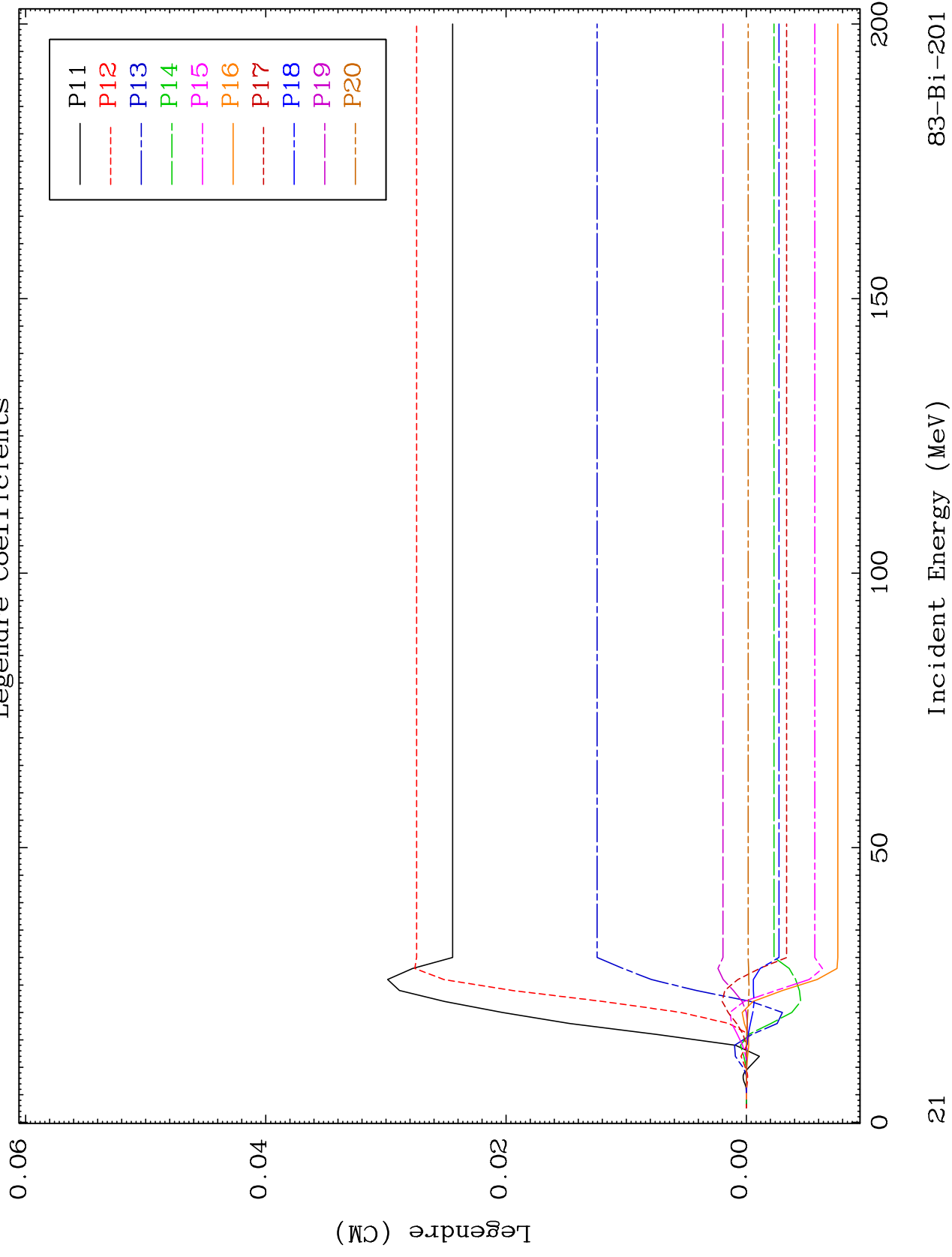
83-Bi-201



MAT 8301

MT= 51 (n, n') Level
Legendre Coefficients

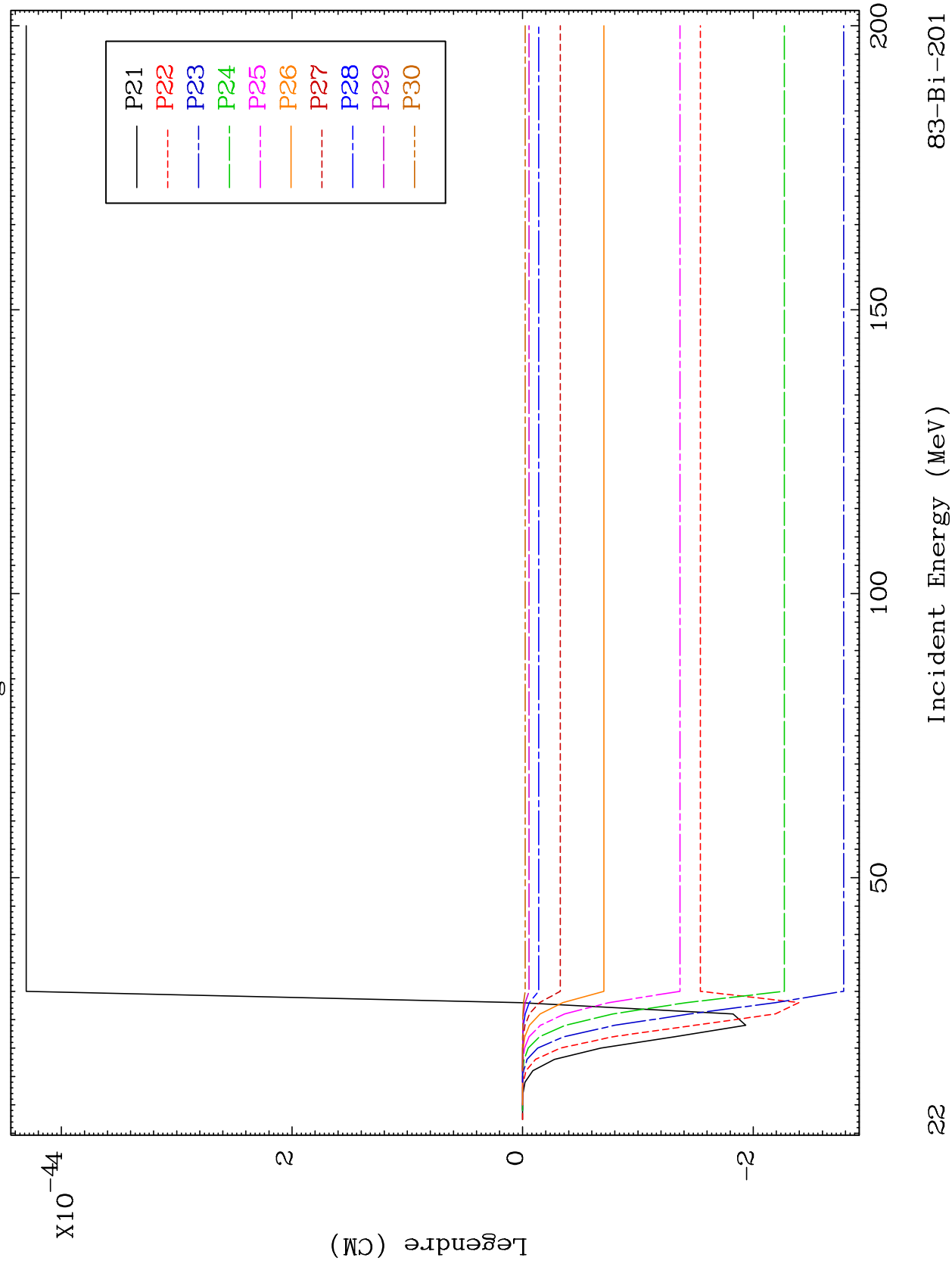
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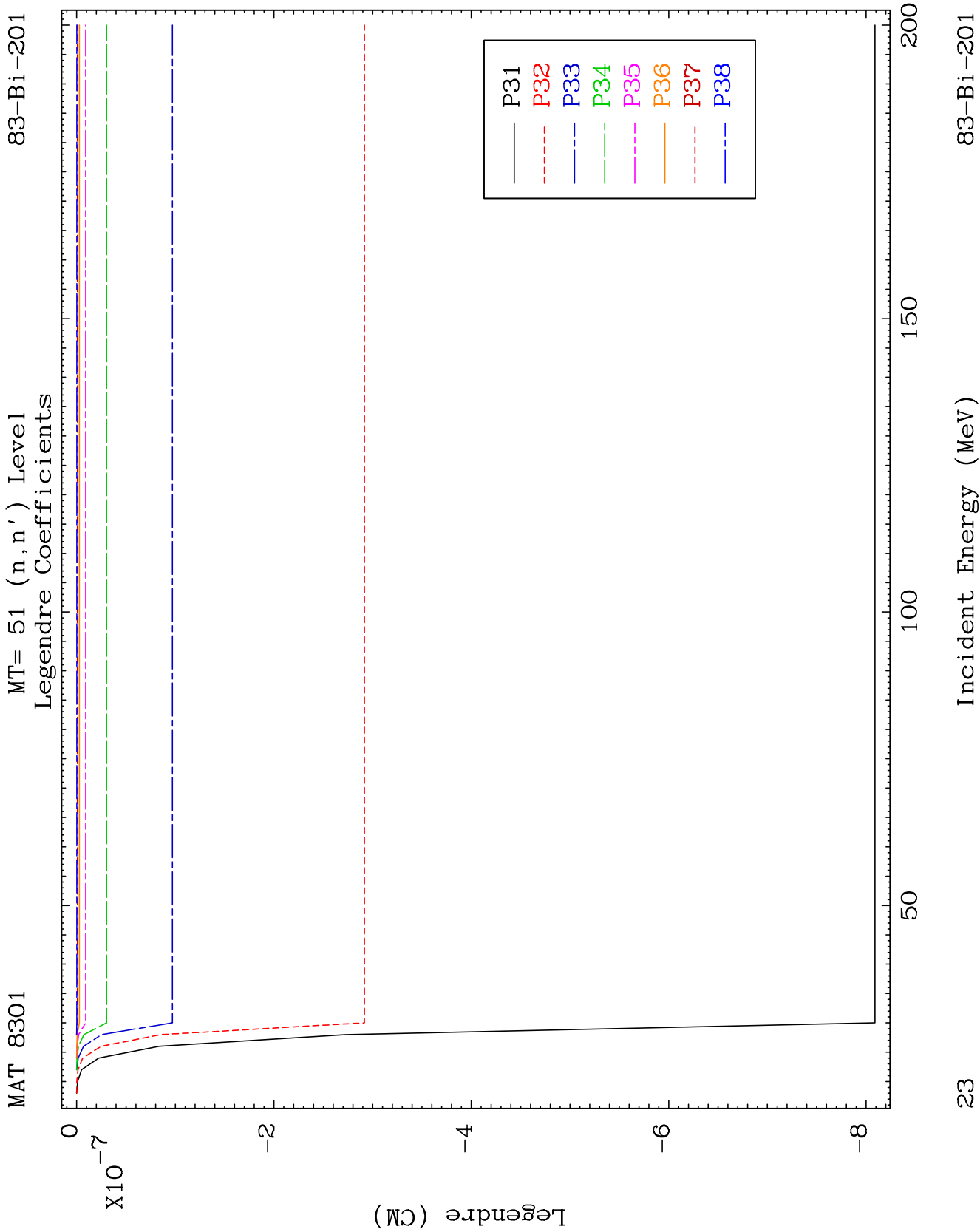


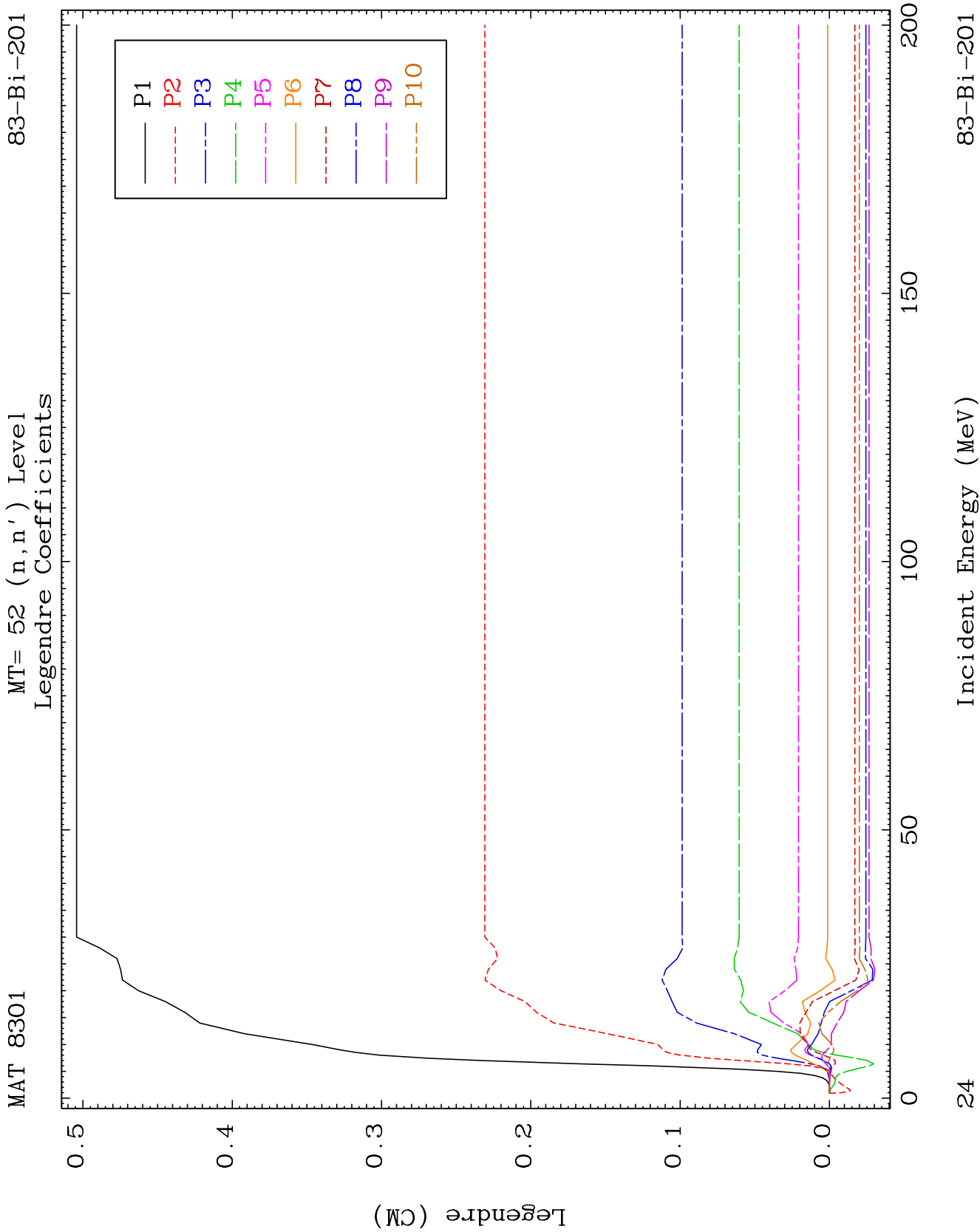
MAT 8301

MT= 51 (n, n') Level
Legendre Coefficients

83-Bi-201



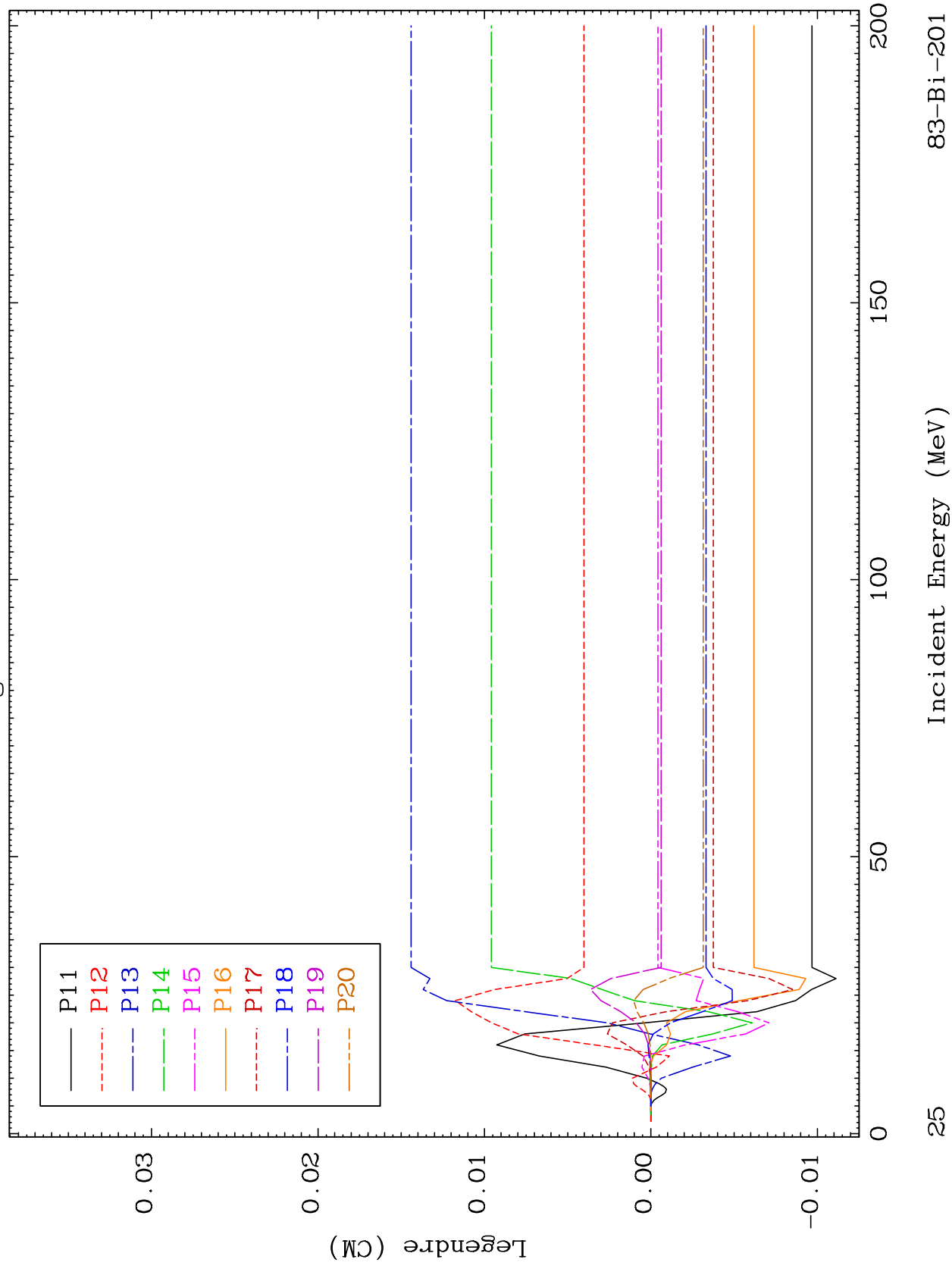


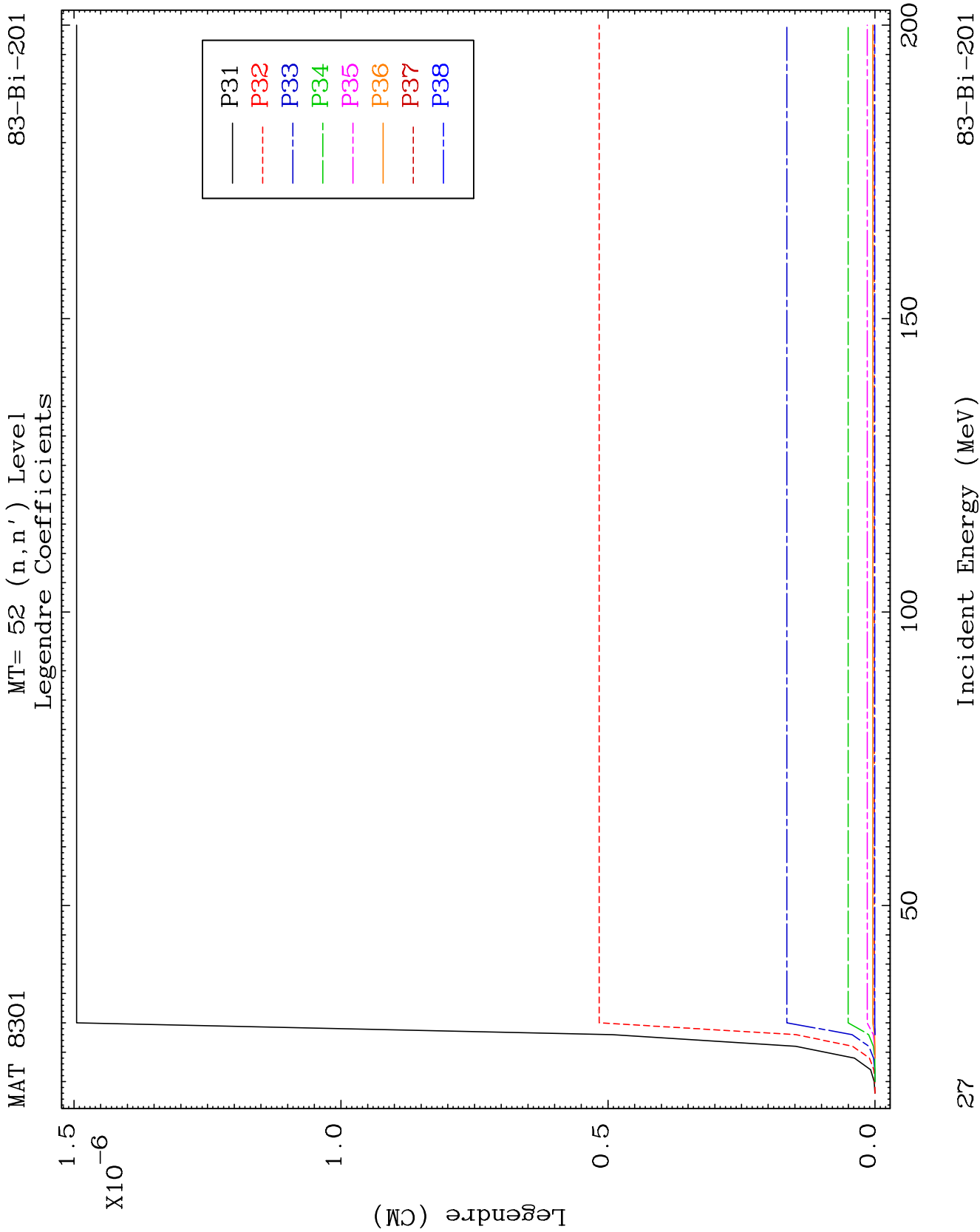


MAT 8301

83-Bi-201

MT= 52 (n, n') Level
Legendre Coefficients

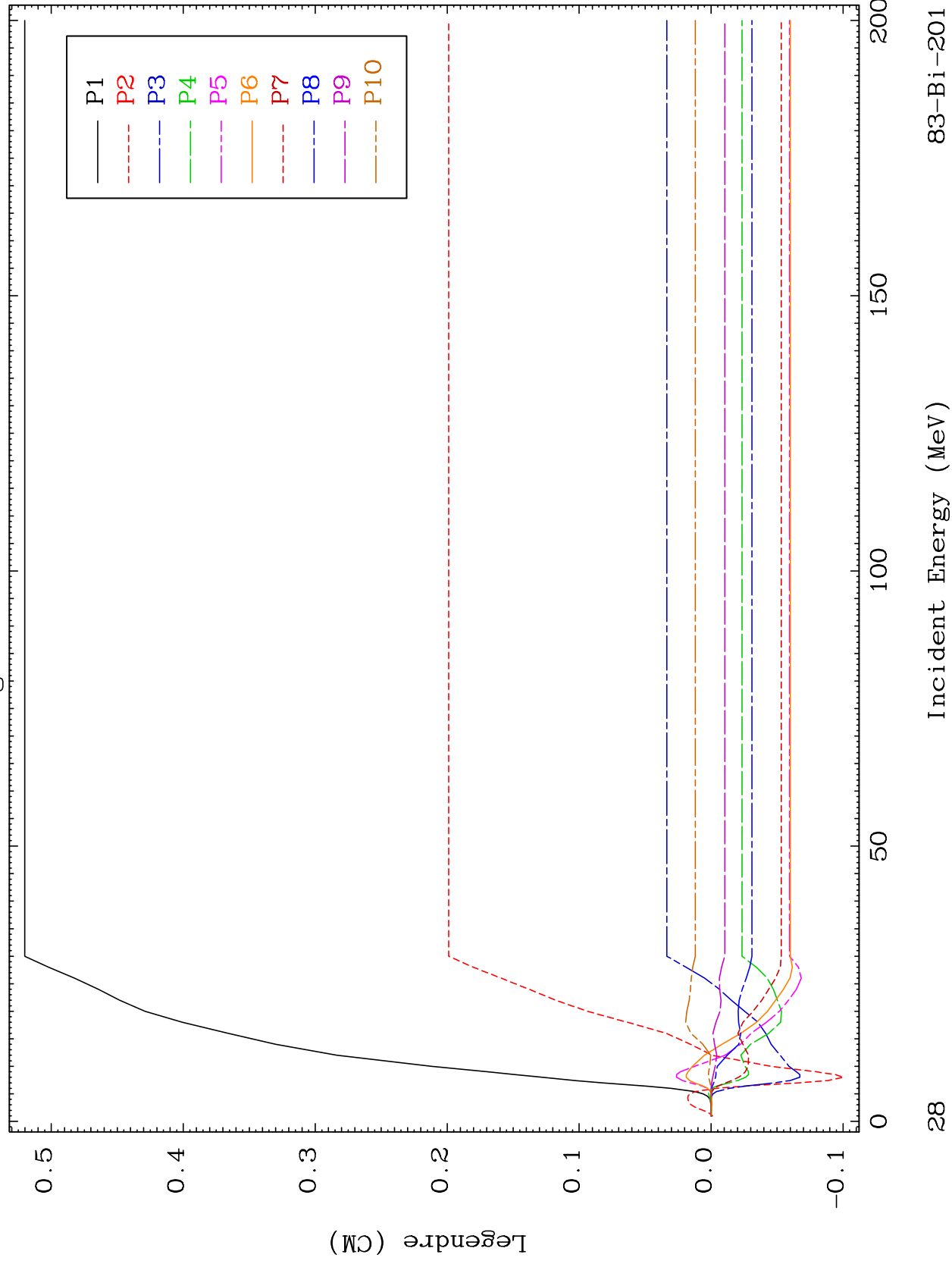




MAT 8301

MT= 53 (n, n') Level
Legendre Coefficients

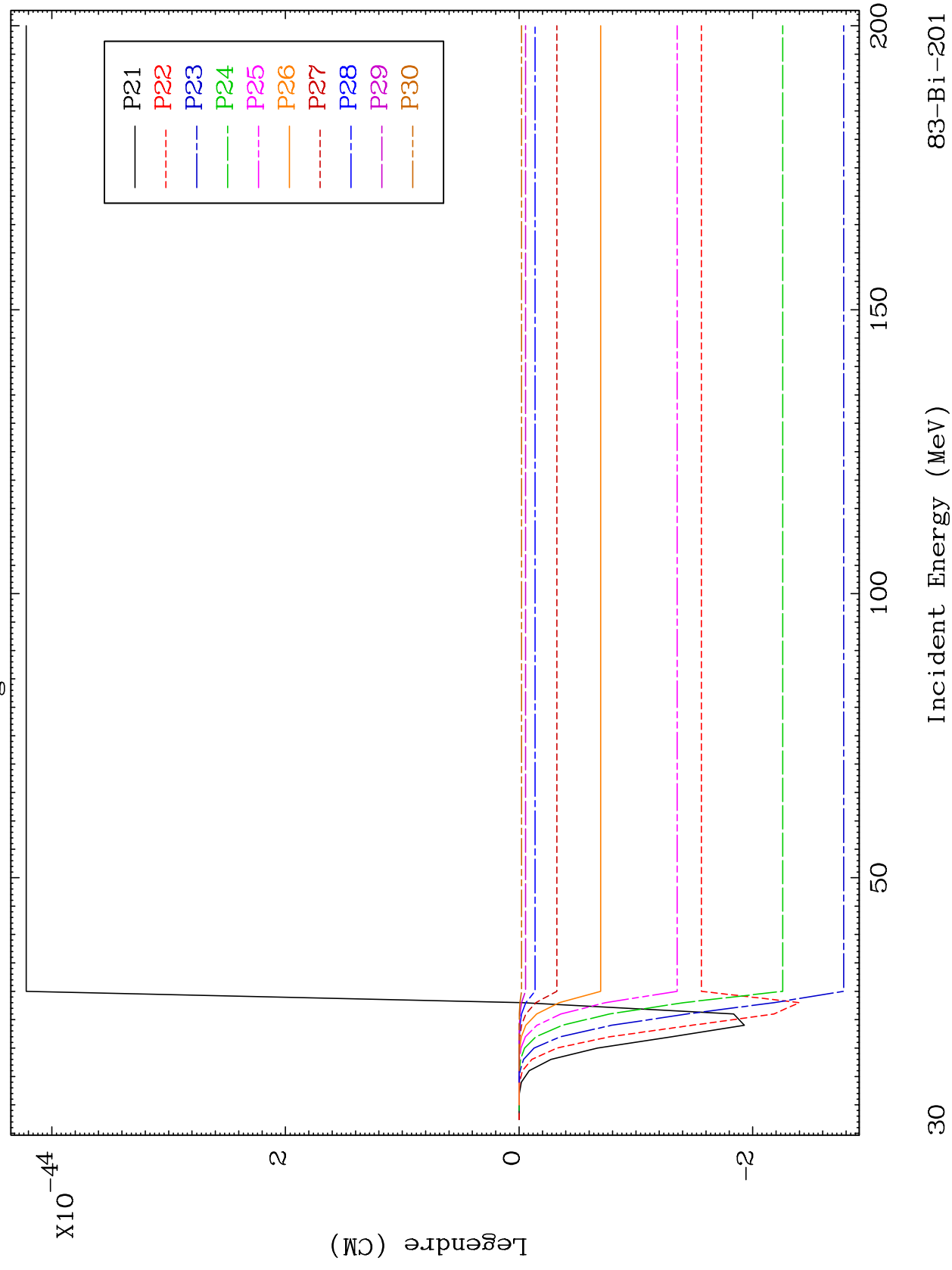
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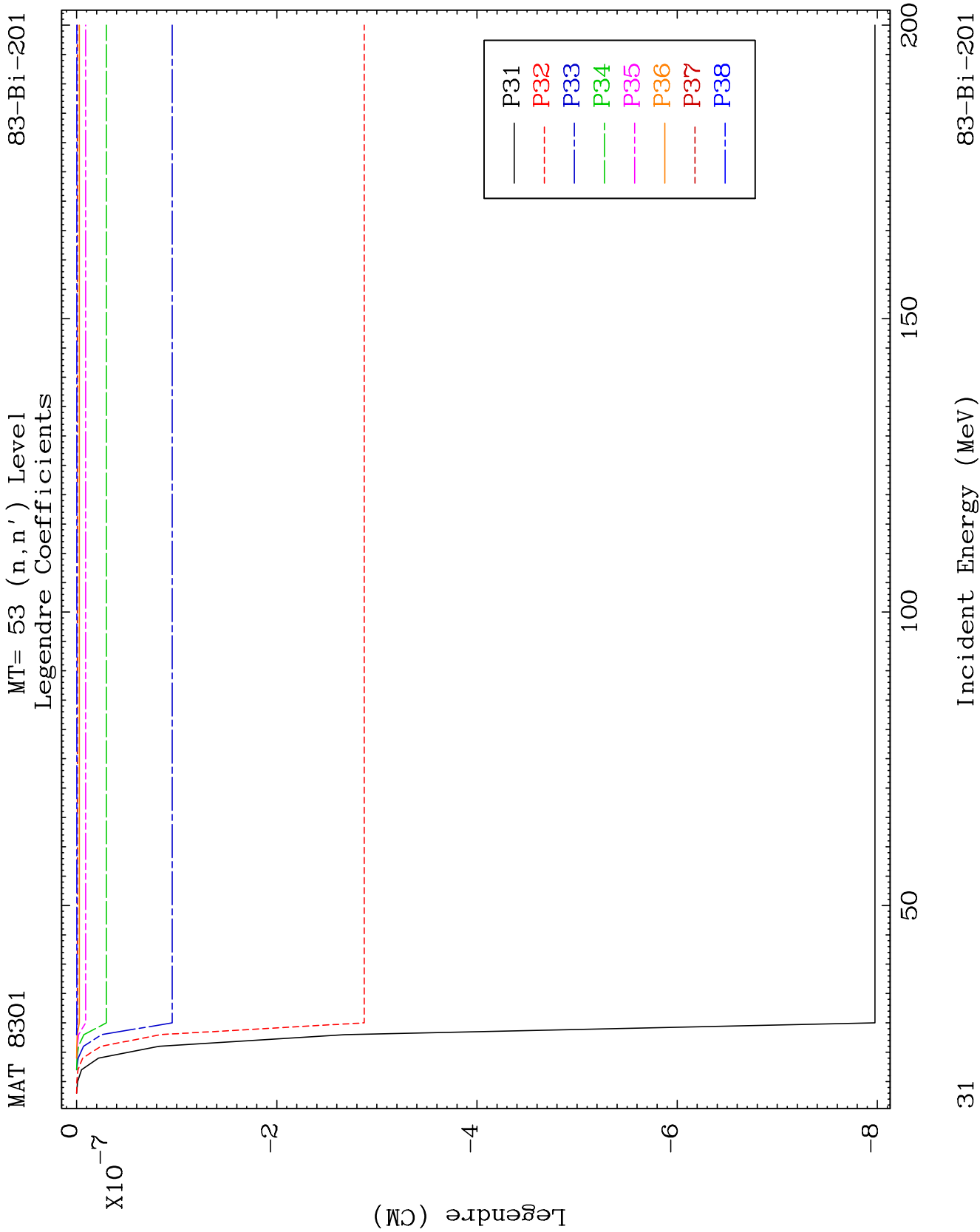


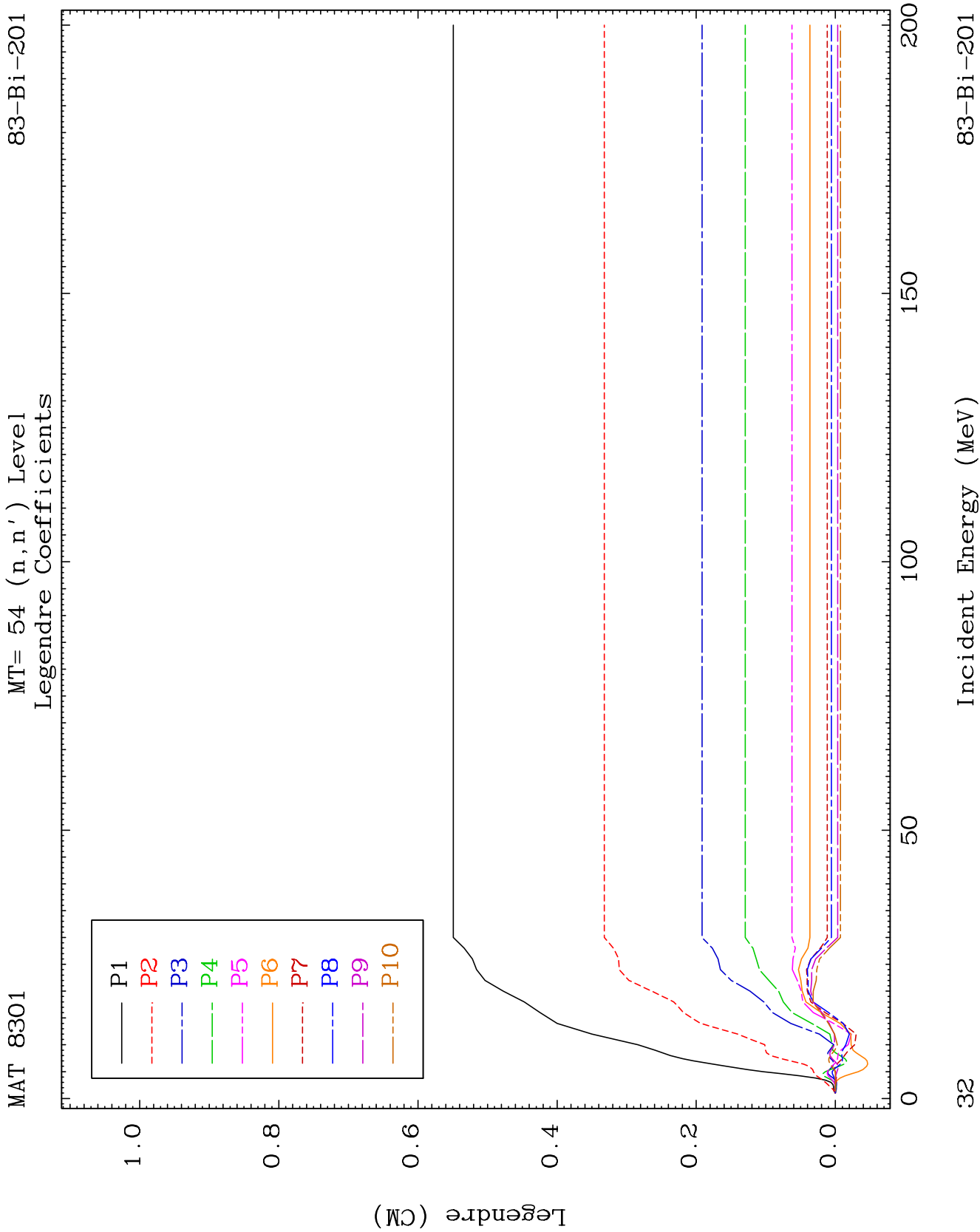
MAT 8301

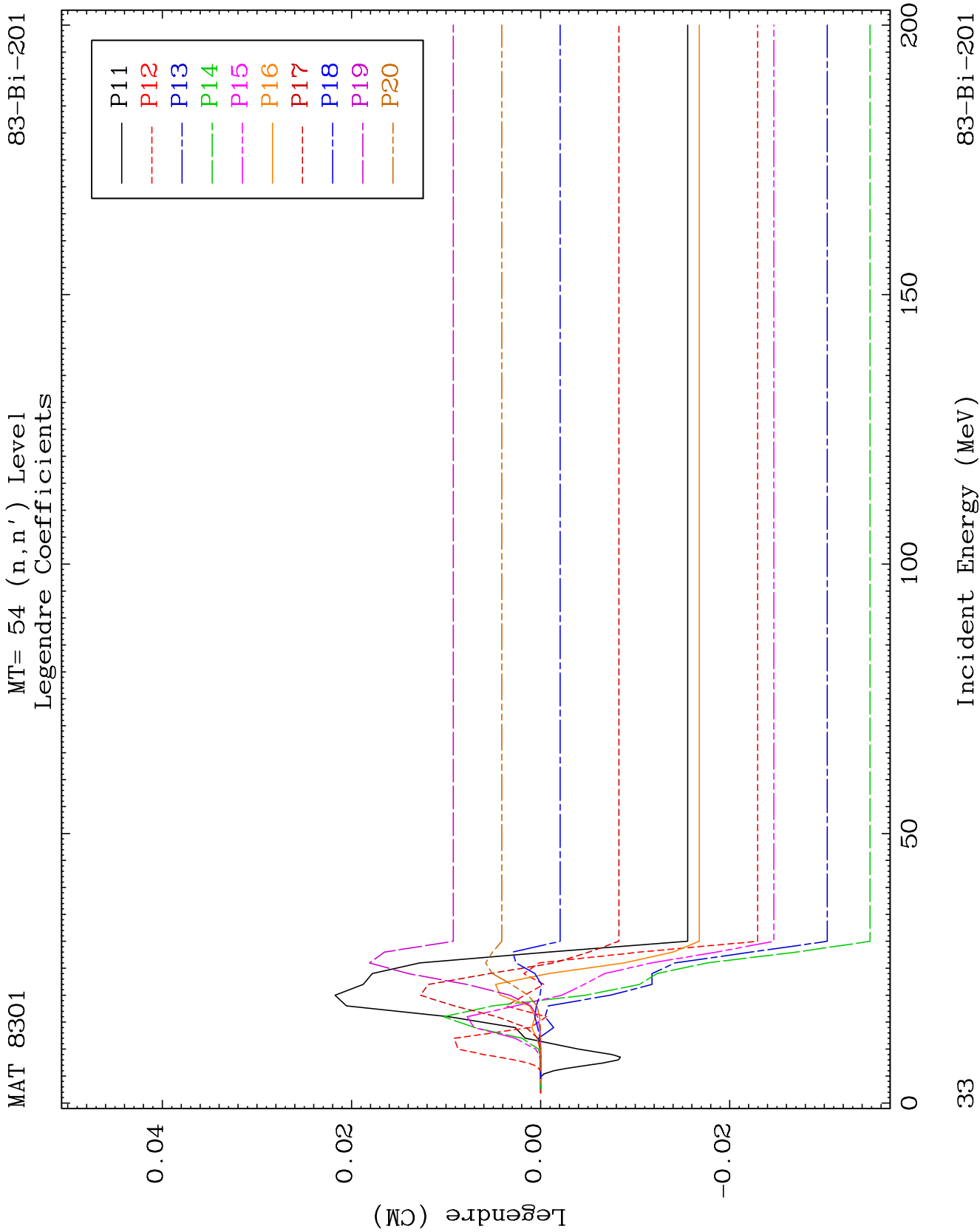
MT= 53 (n, n') Level
Legendre Coefficients

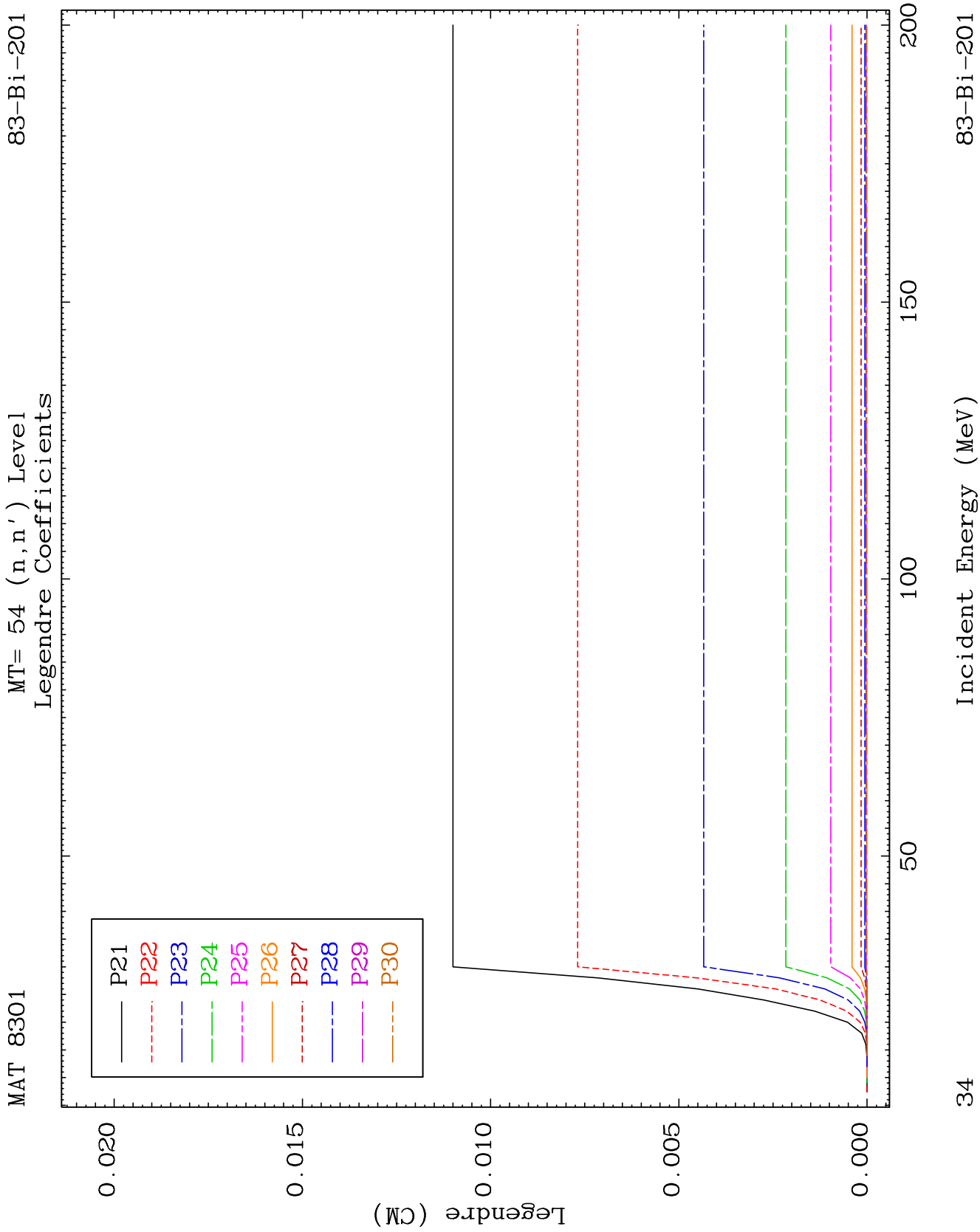
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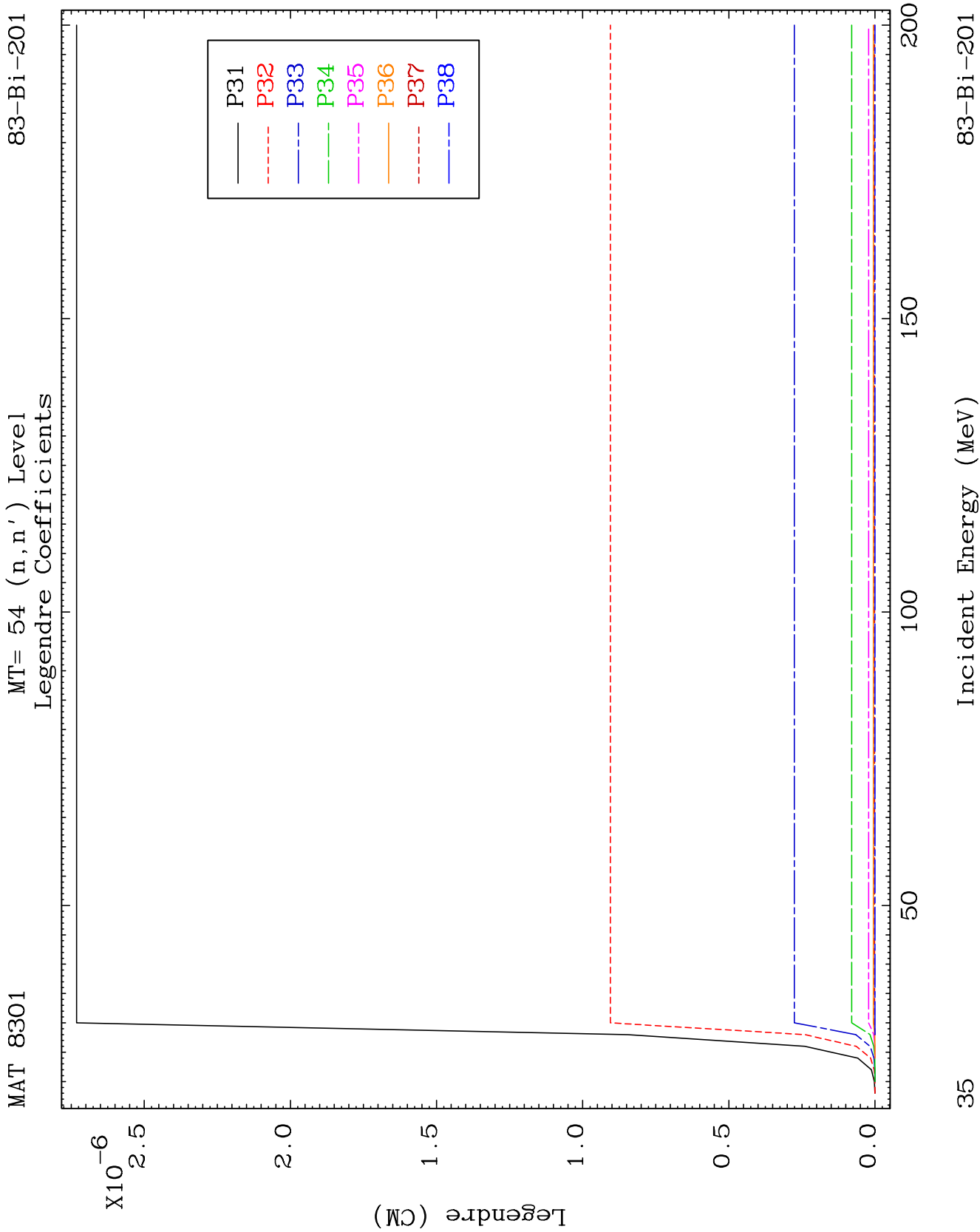








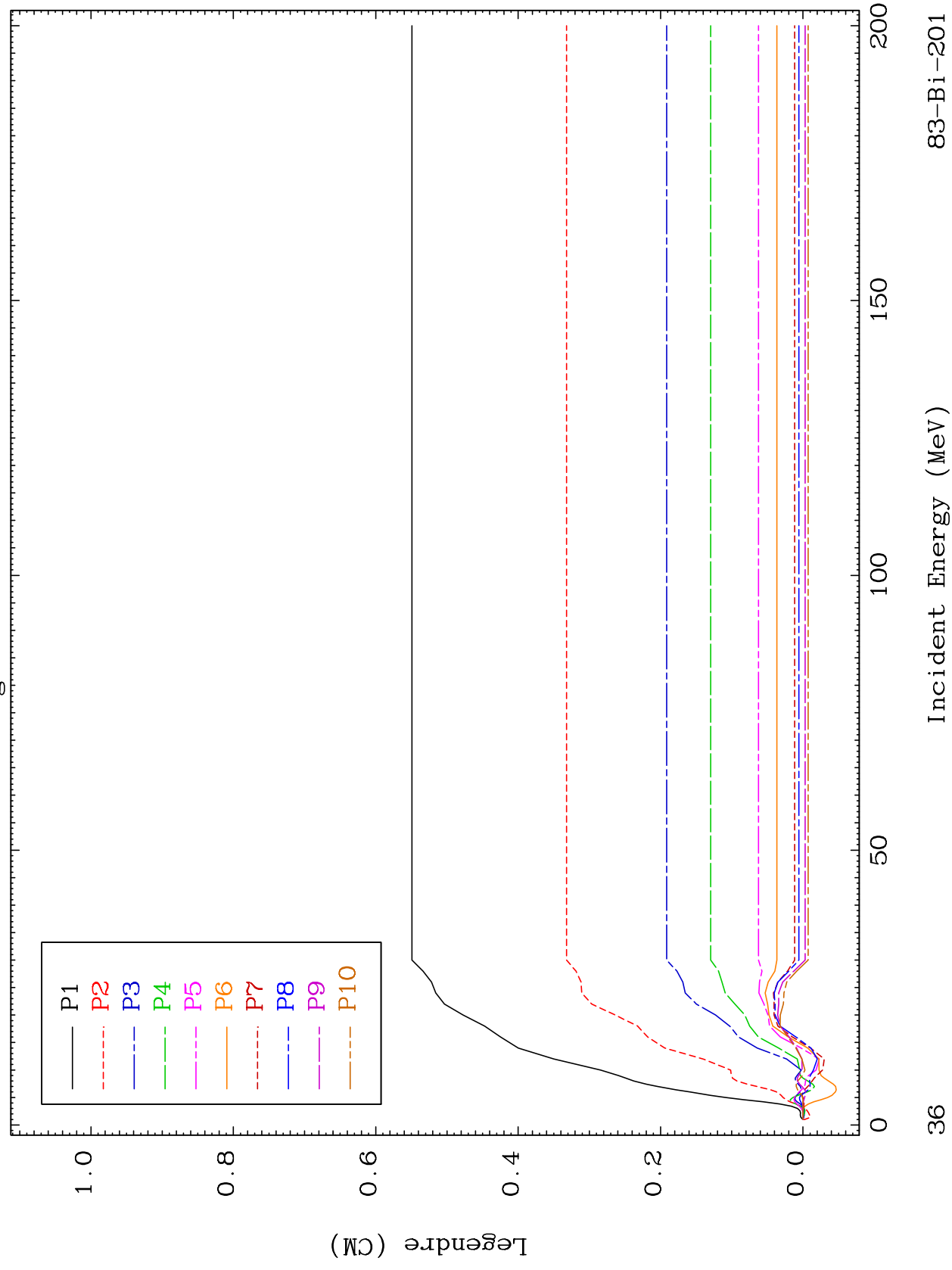


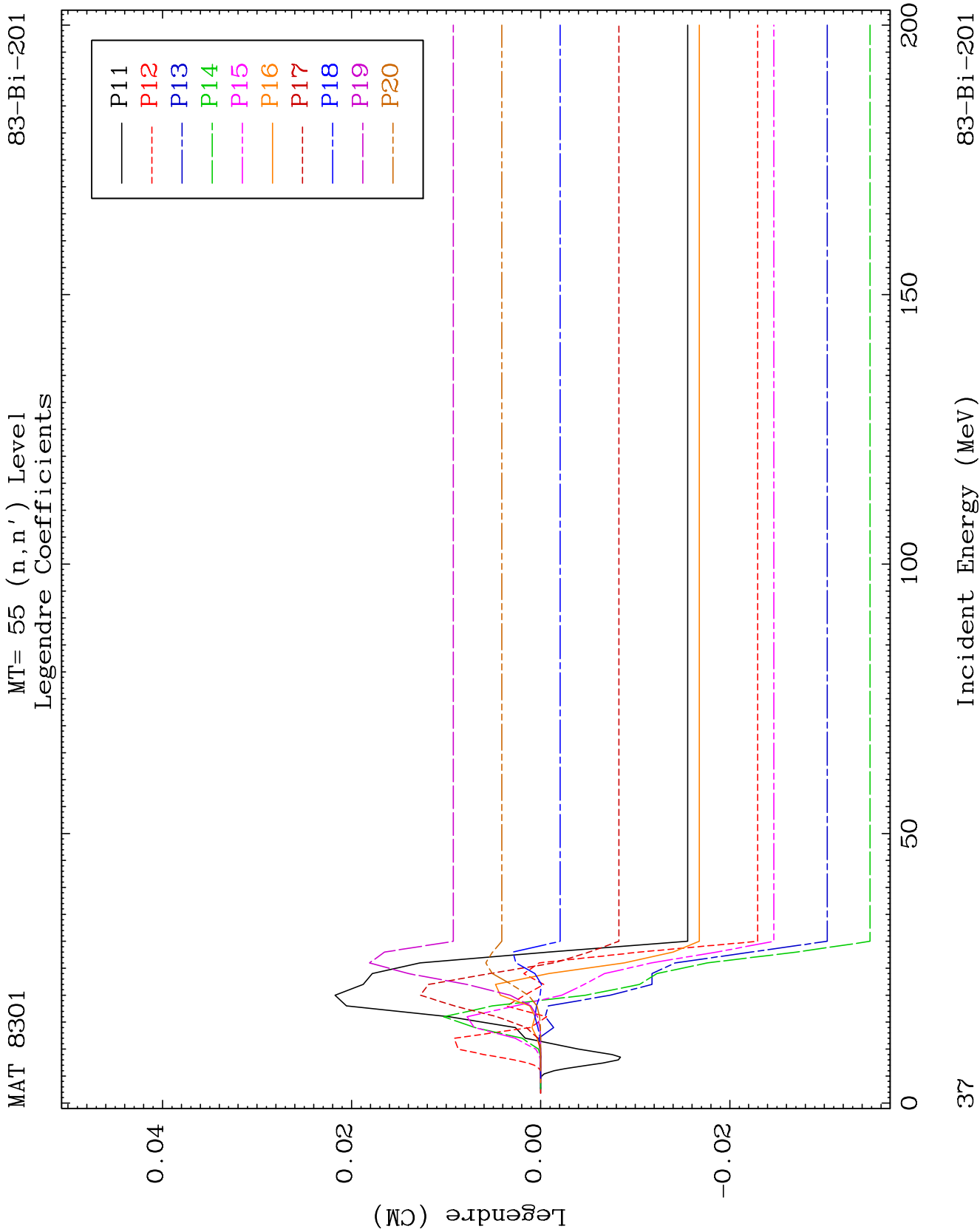


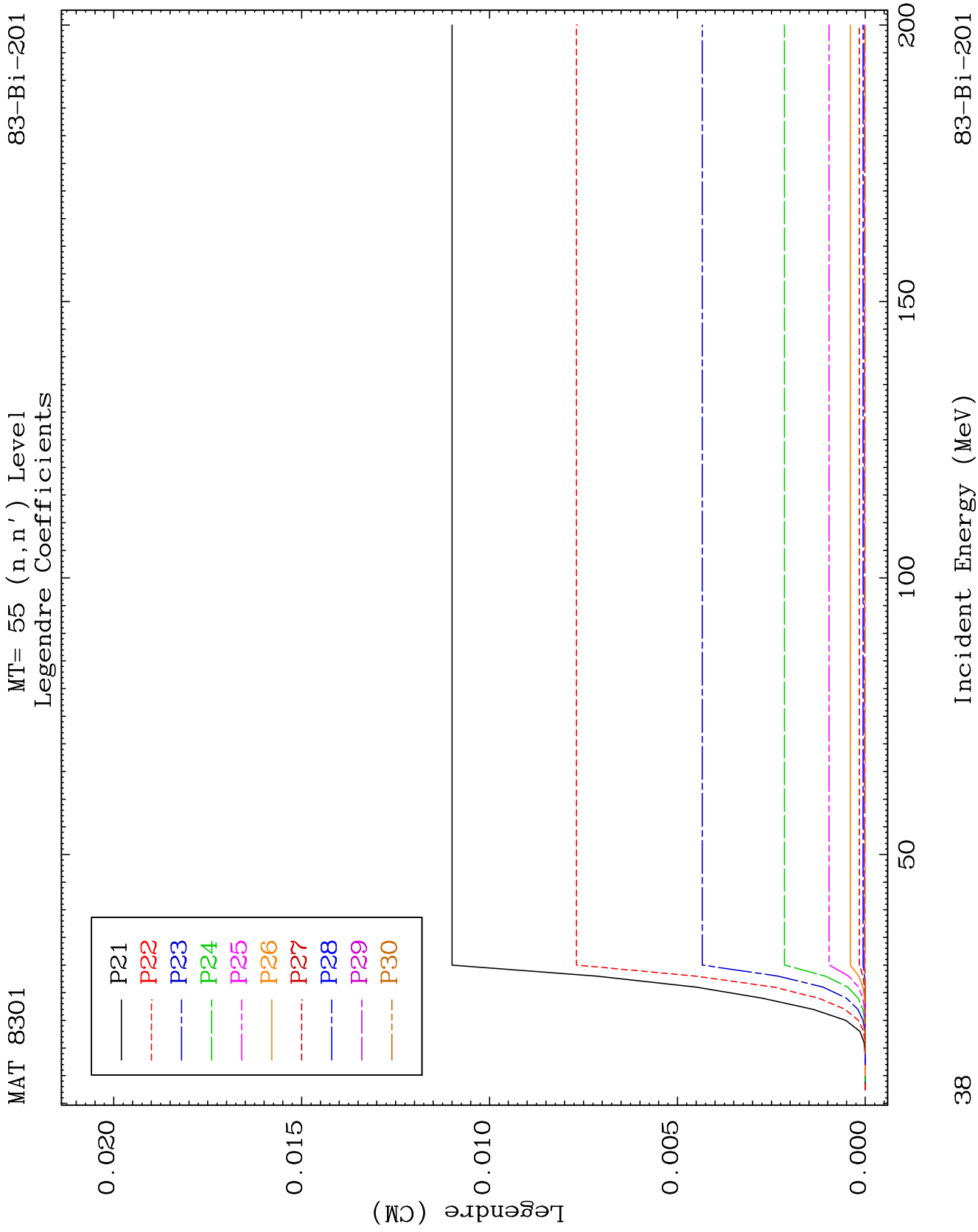
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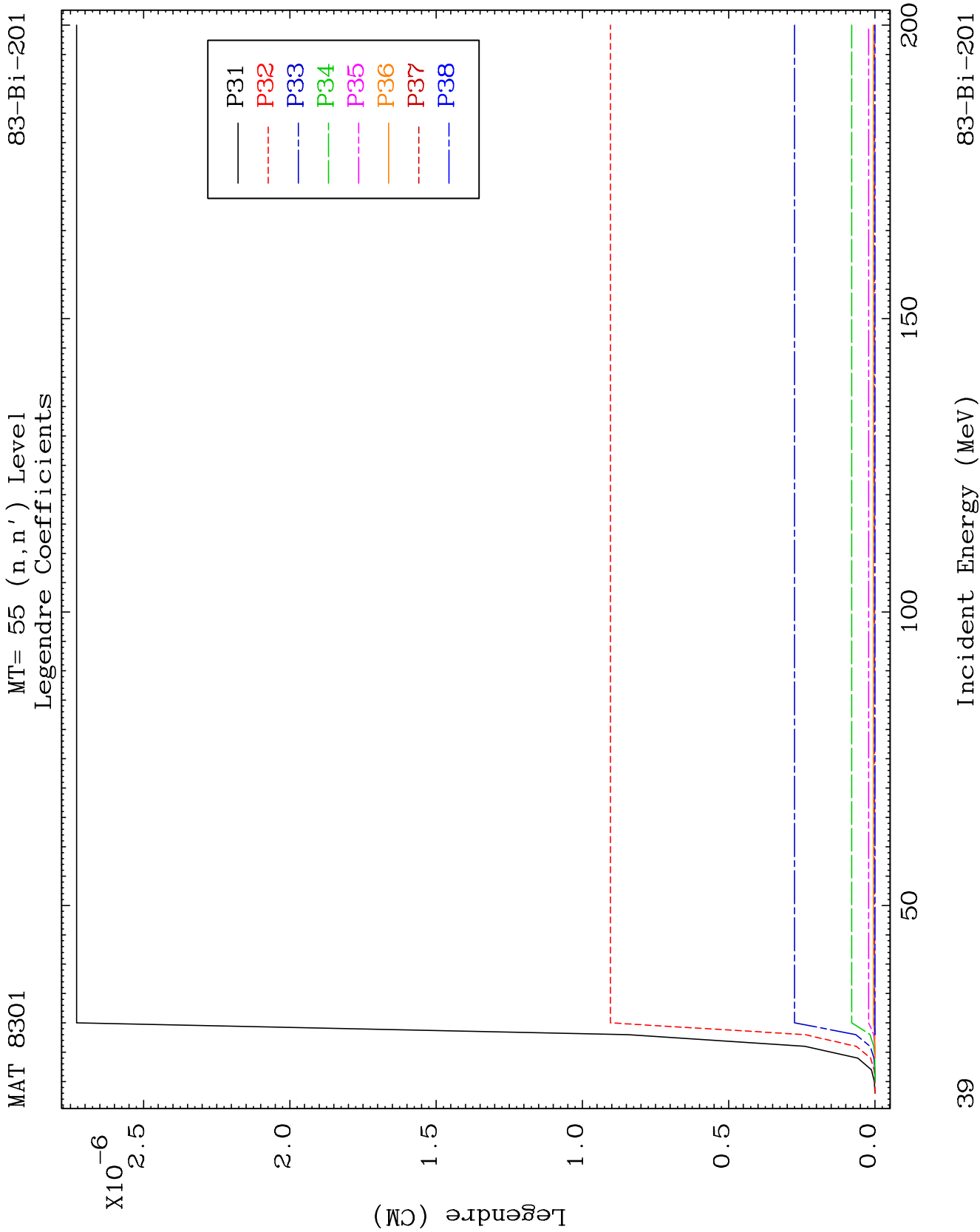
MT= 55 (n, n') Level
Legendre Coefficients

83-Bi-201





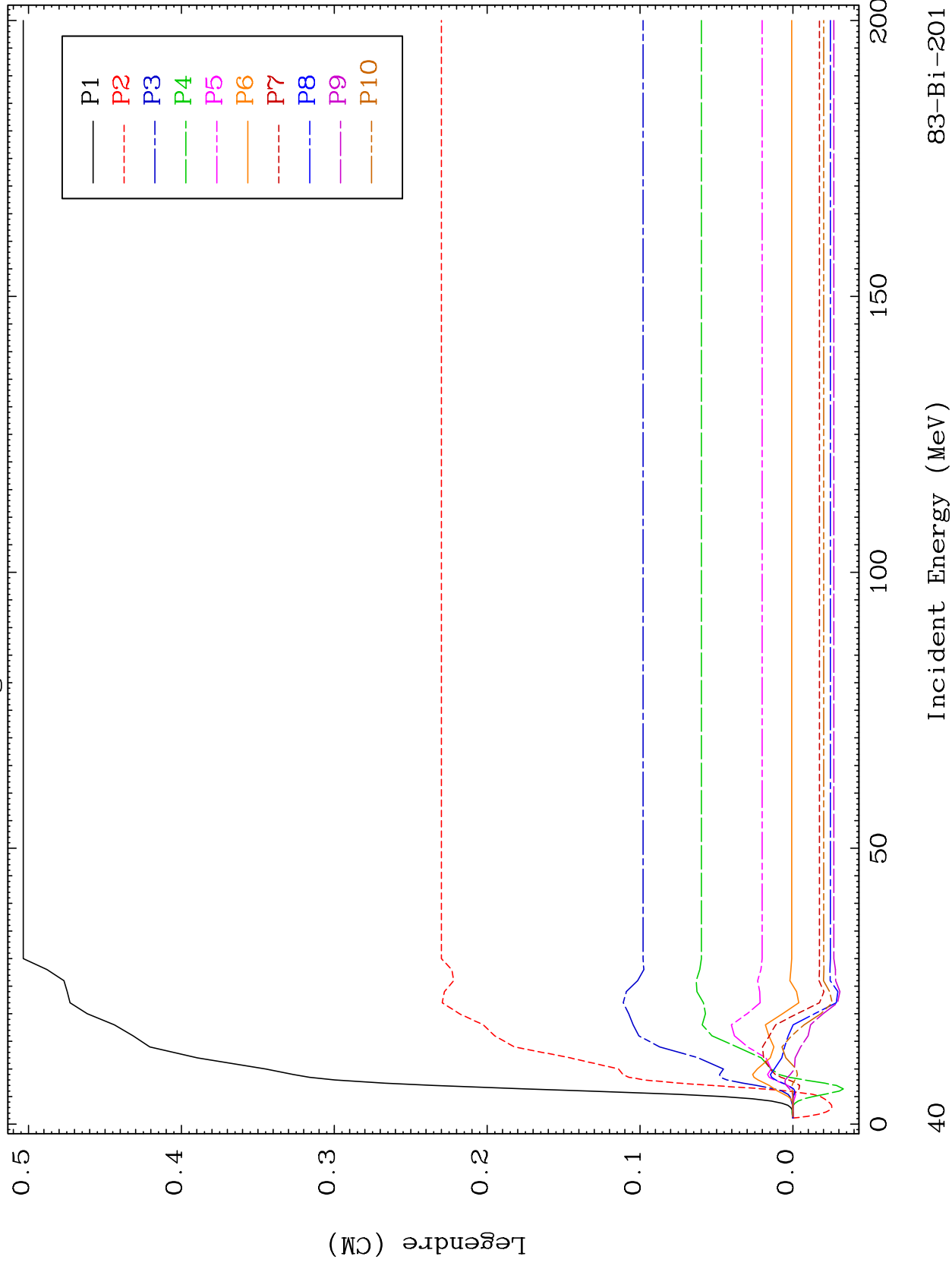


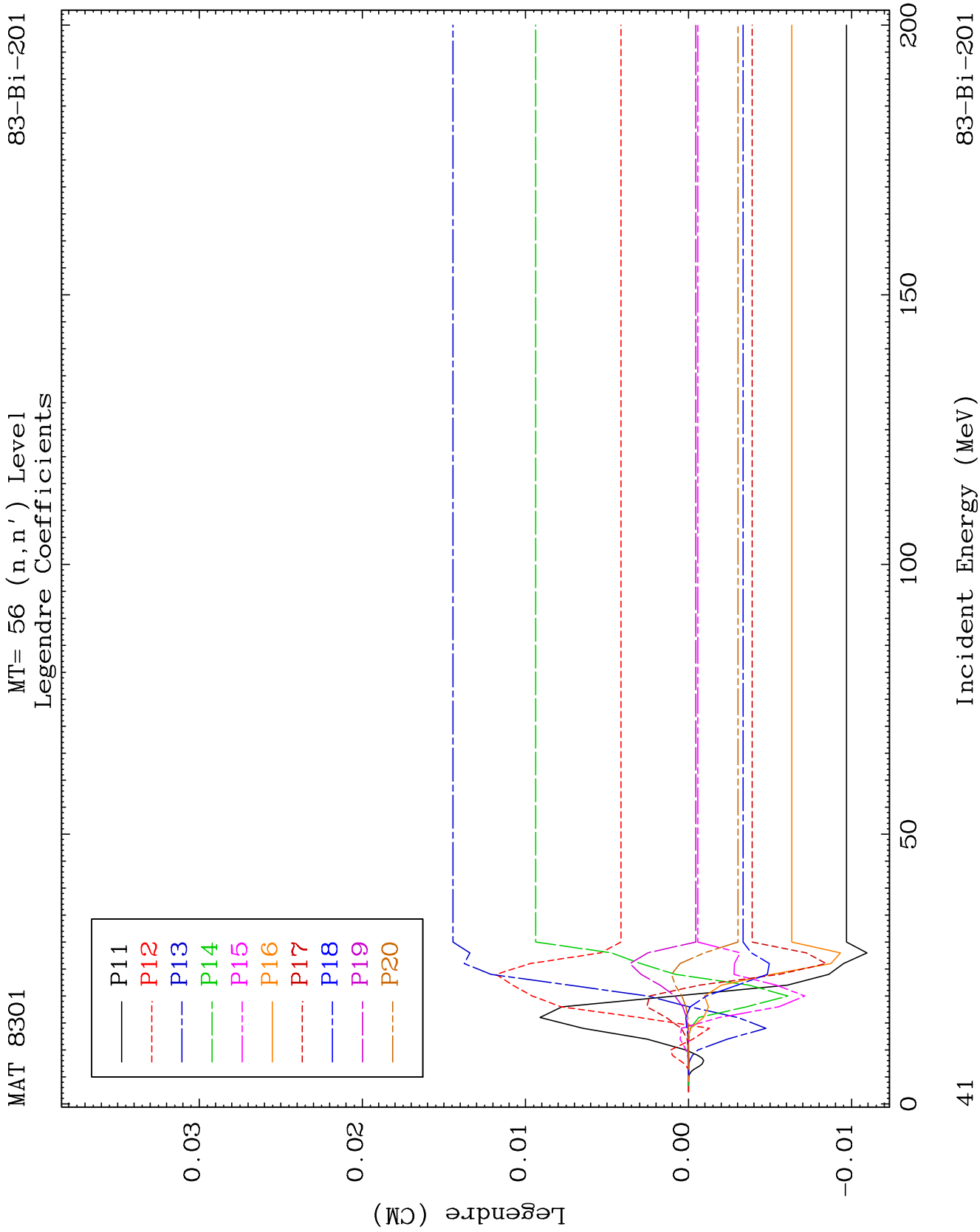


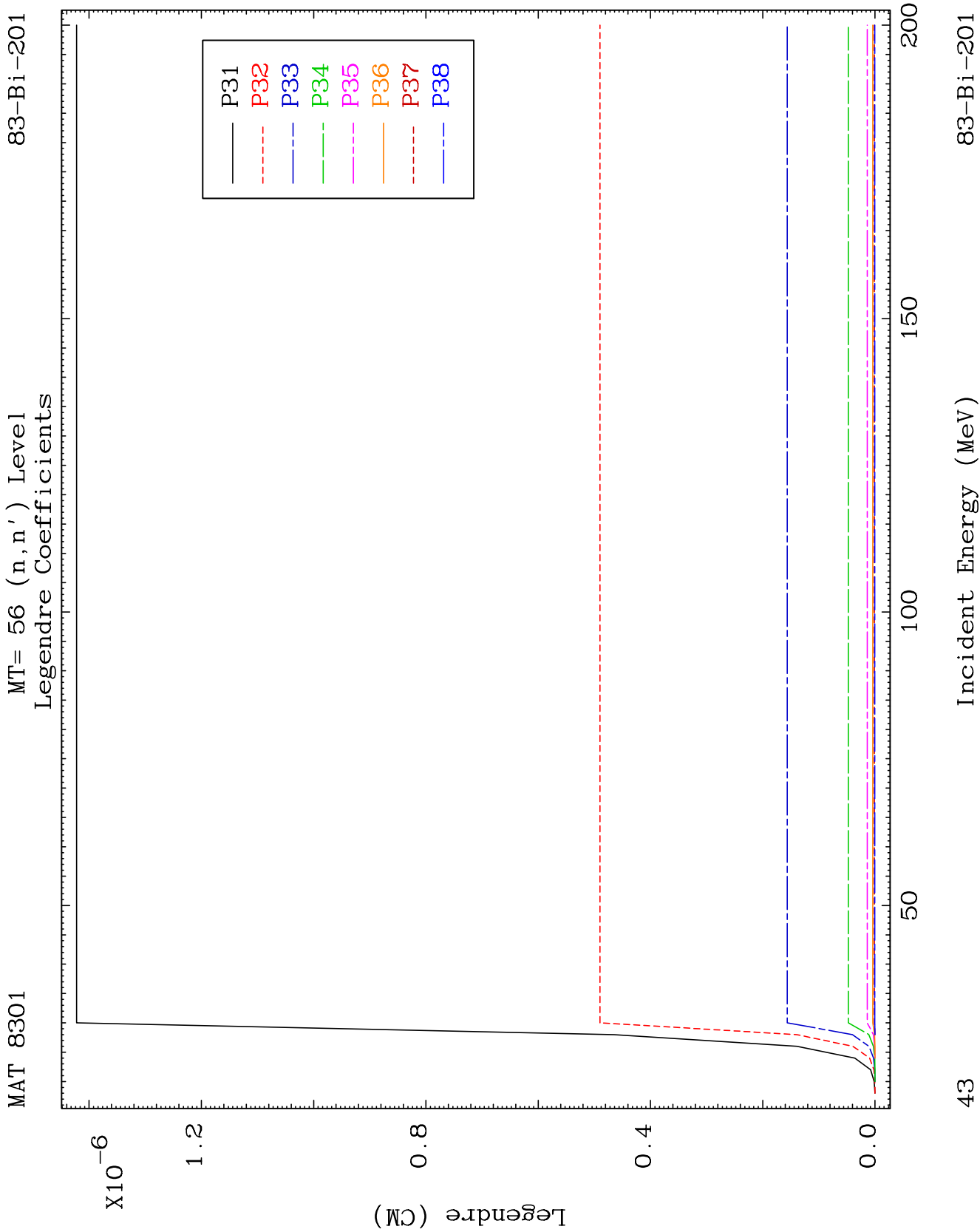
MAT 8301

MT= 56 (n, n') Level
Legendre Coefficients

83-Bi-201



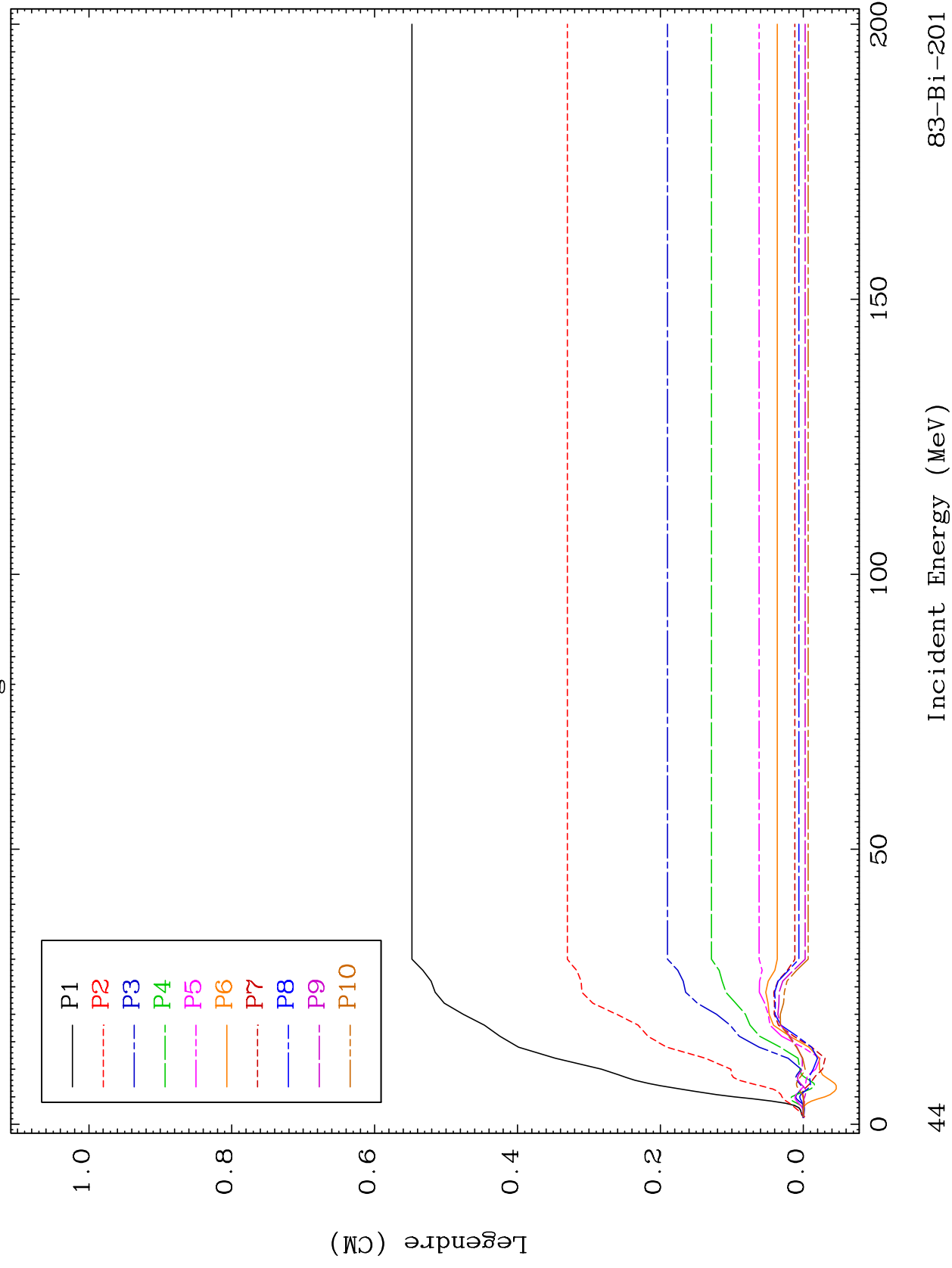




MAT 8301

MT= 57 (n, n') Level
Legendre Coefficients

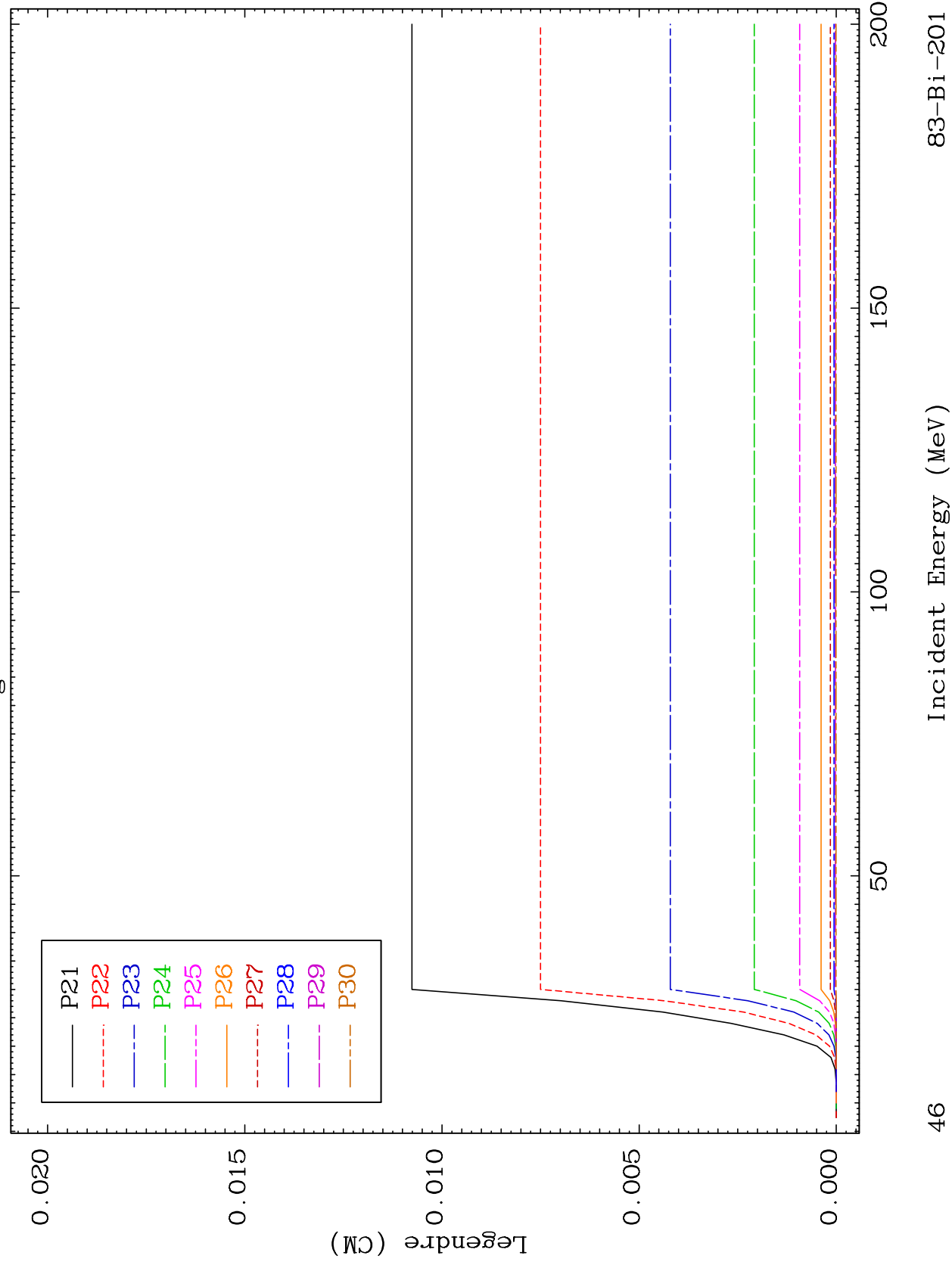
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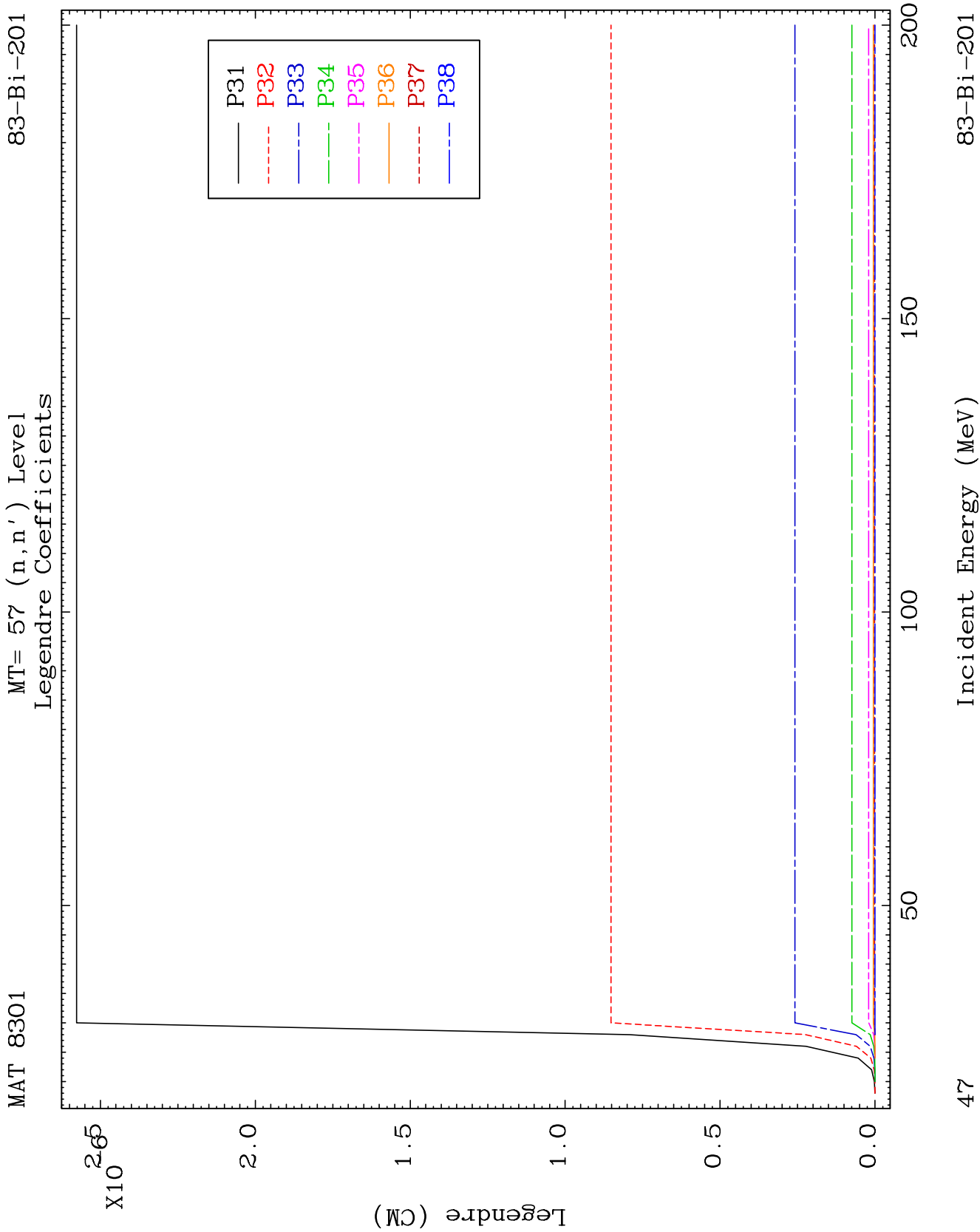


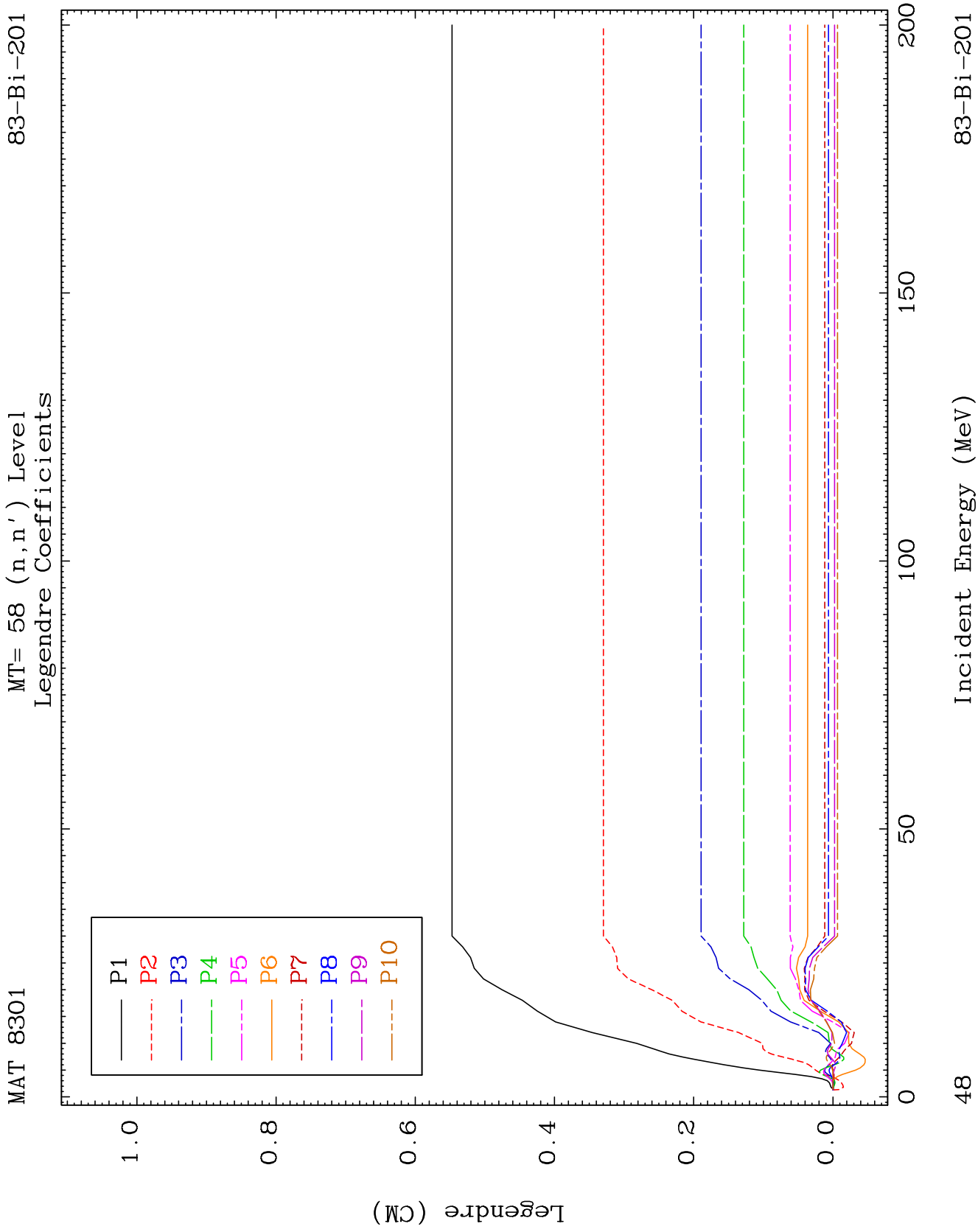
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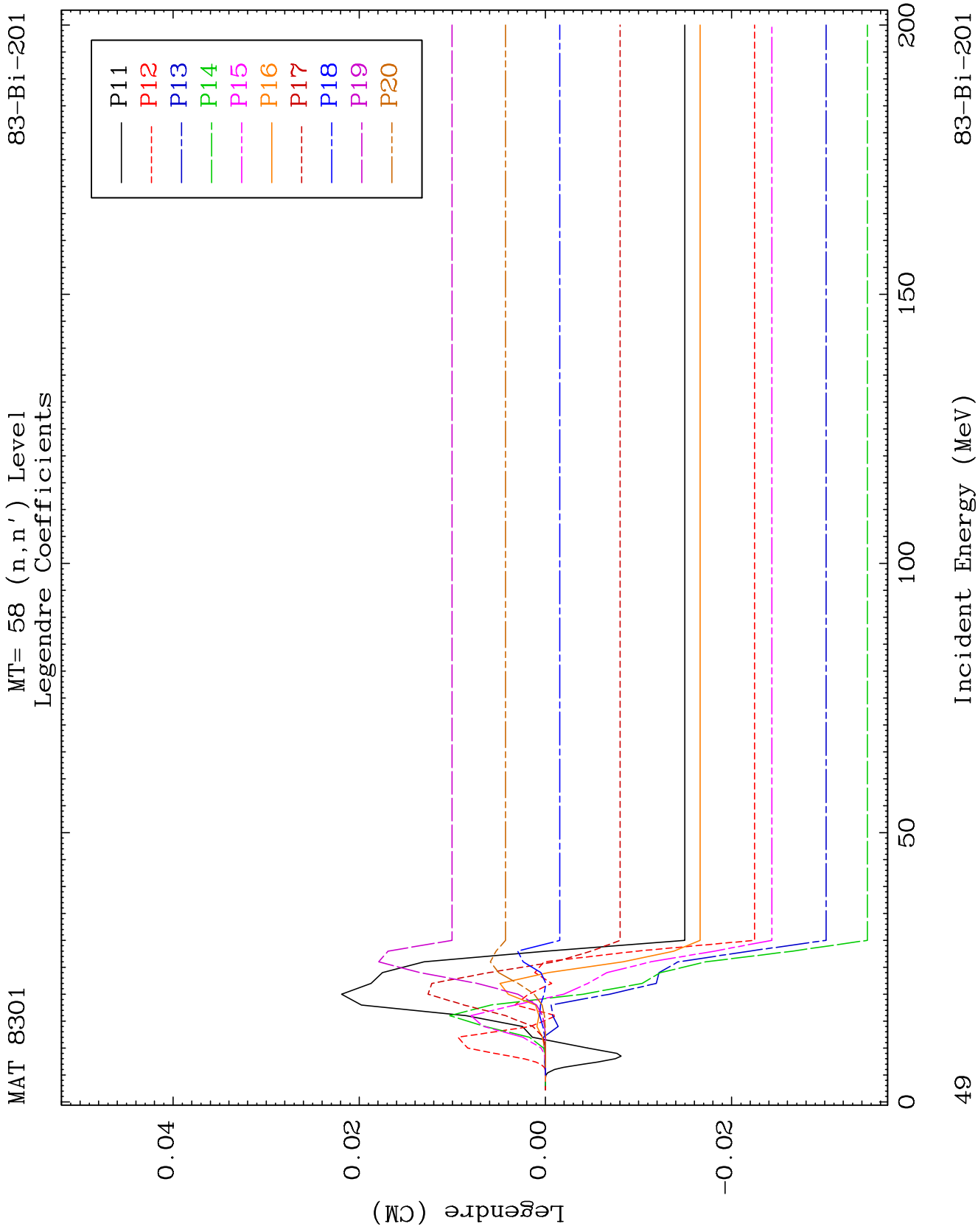
MT= 57 (n, n') Level
Legendre Coefficients

83-Bi-201





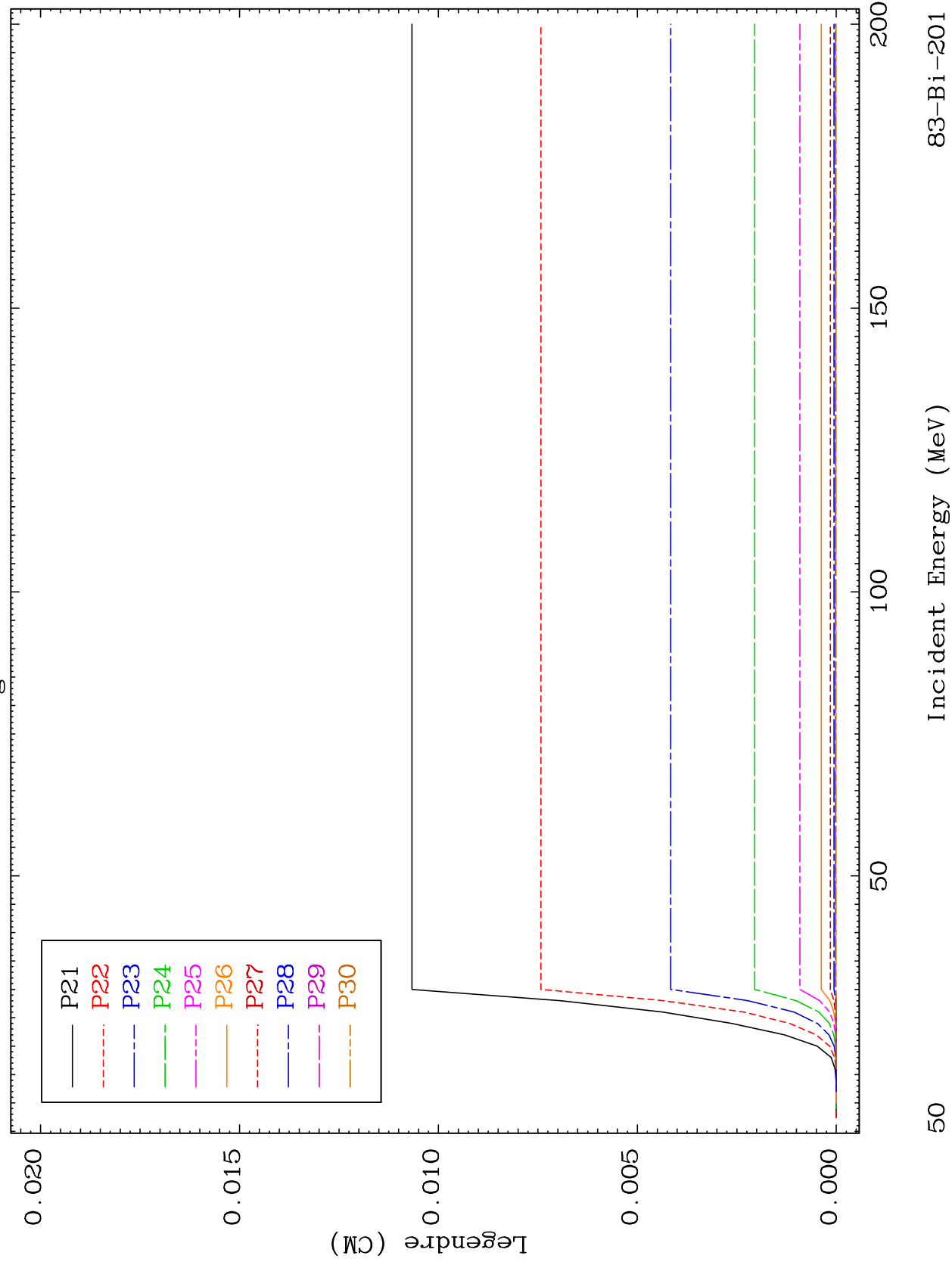




MAT 8301

MT= 58 (n, n') Level
Legendre Coefficients

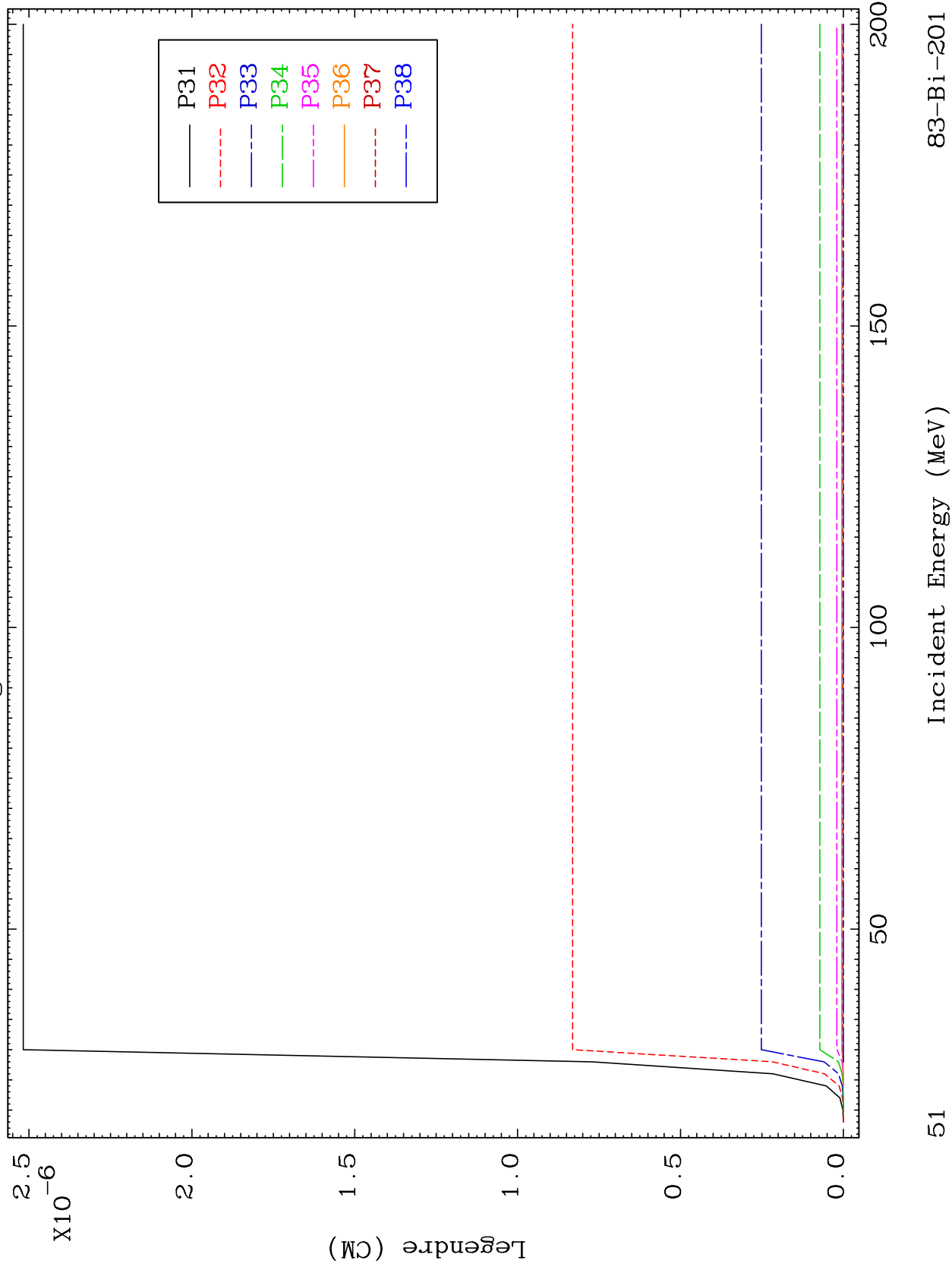
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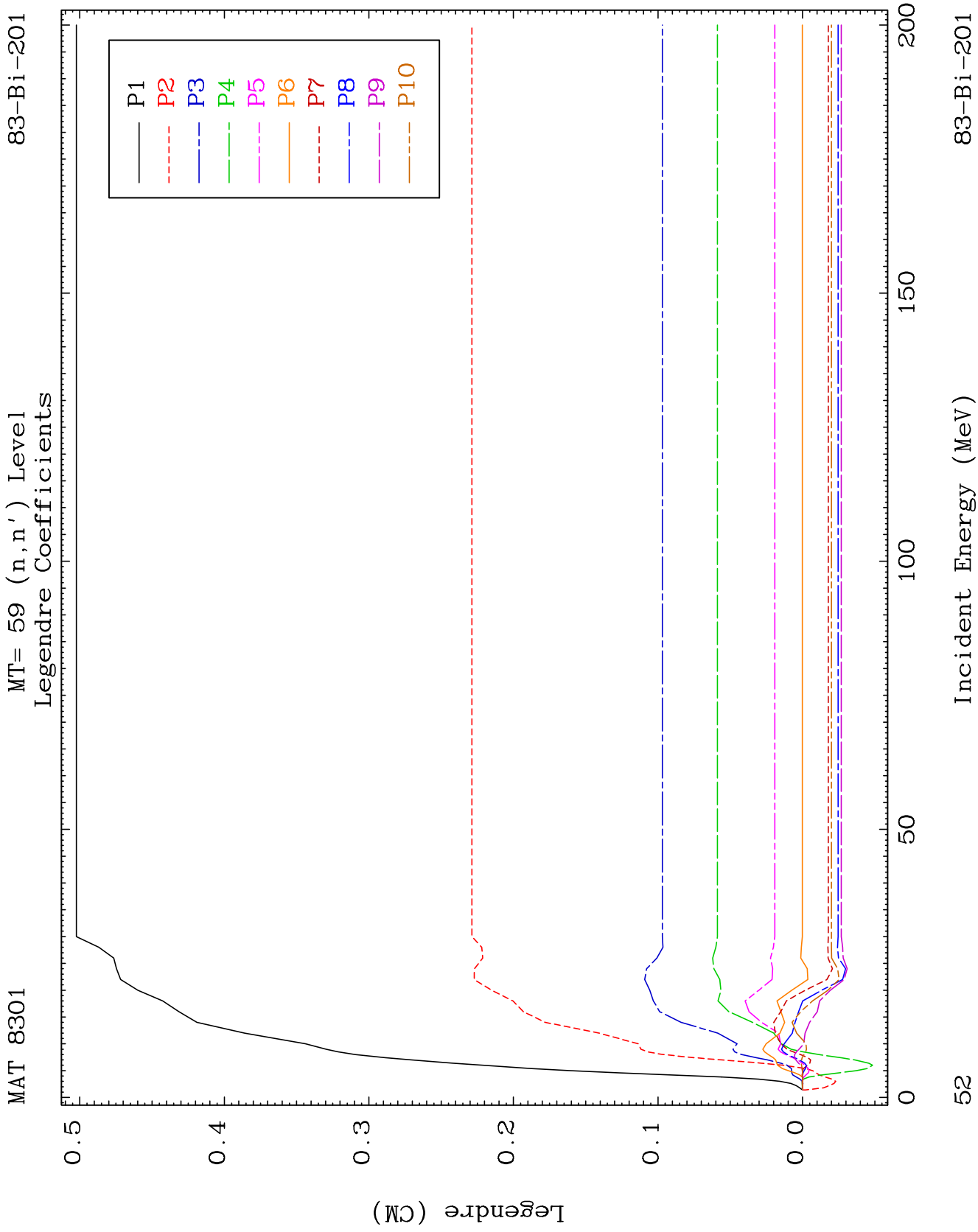


MAT 8301

MT= 58 (n, n') Level
Legendre Coefficients

83-Bi-201

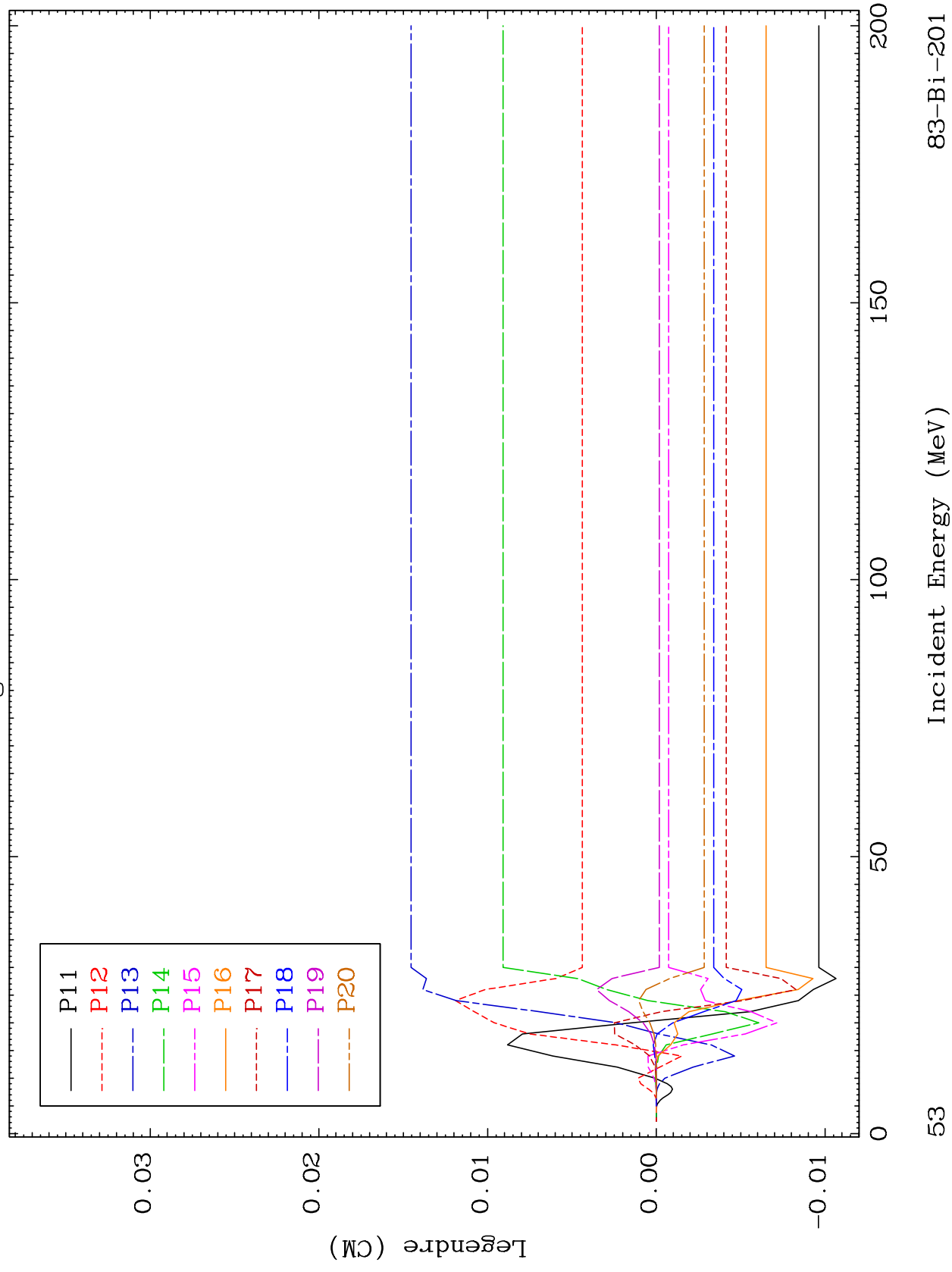


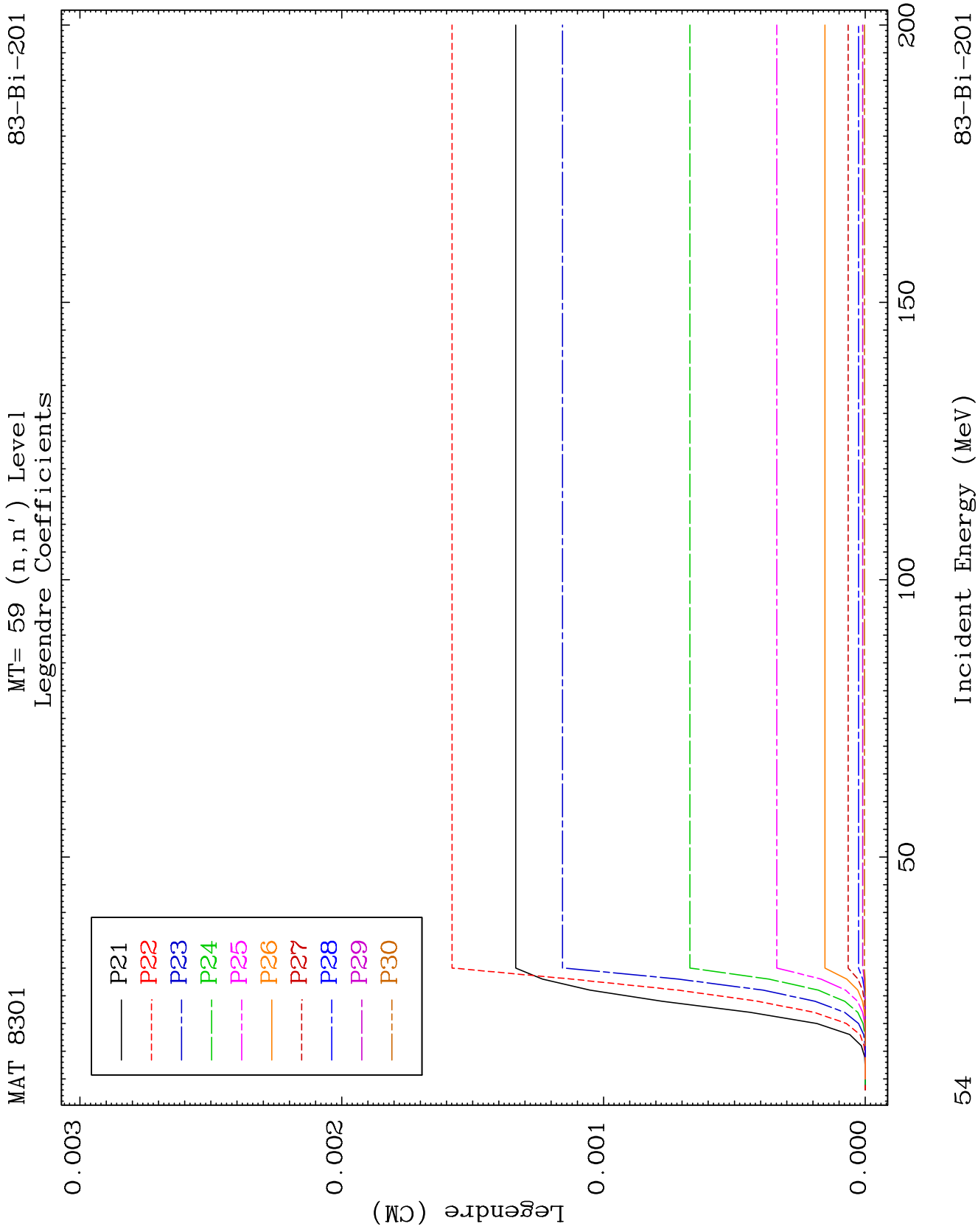


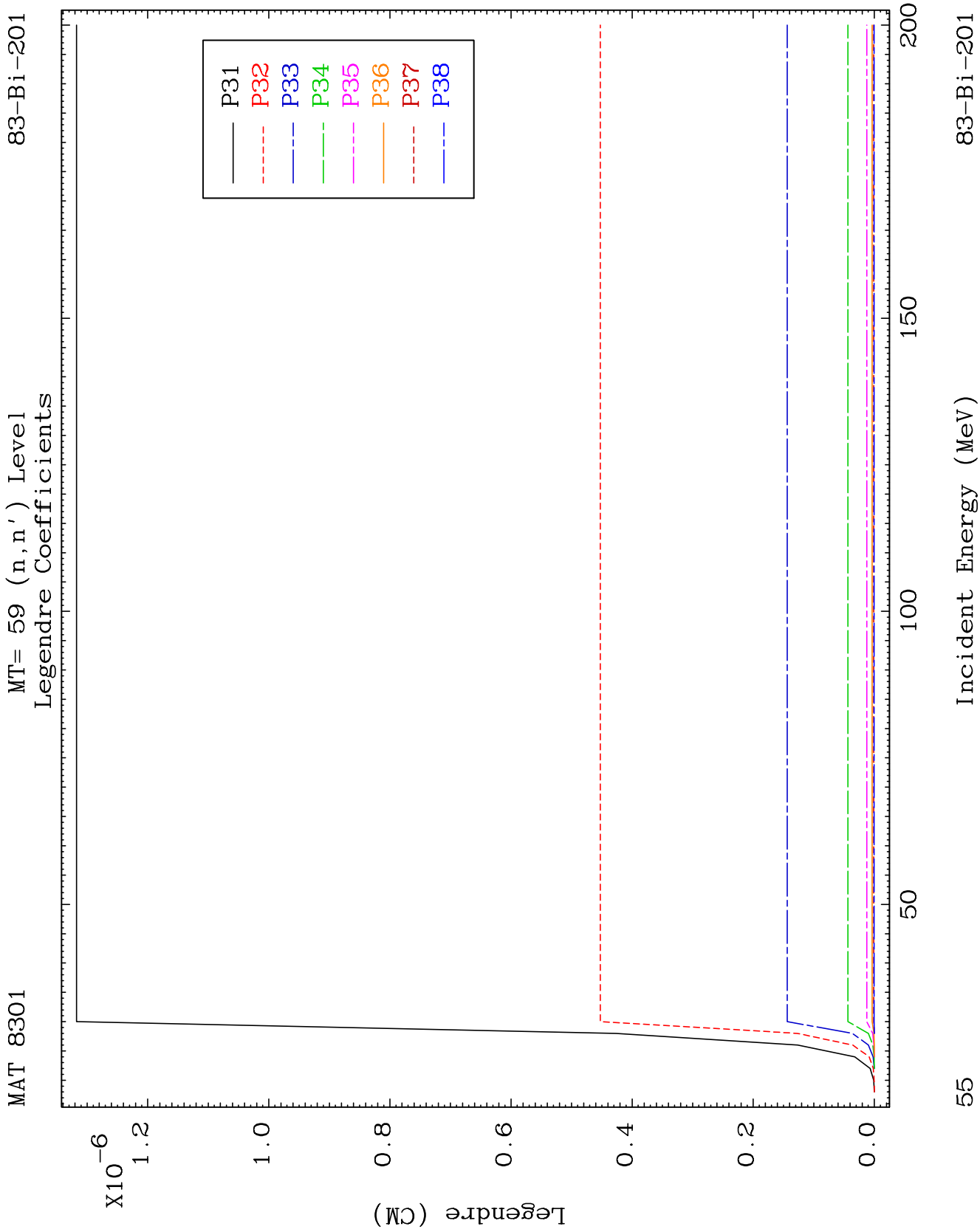
MAT 8301

83-Bi-201

MT= 59 (n, n') Level
Legendre Coefficients



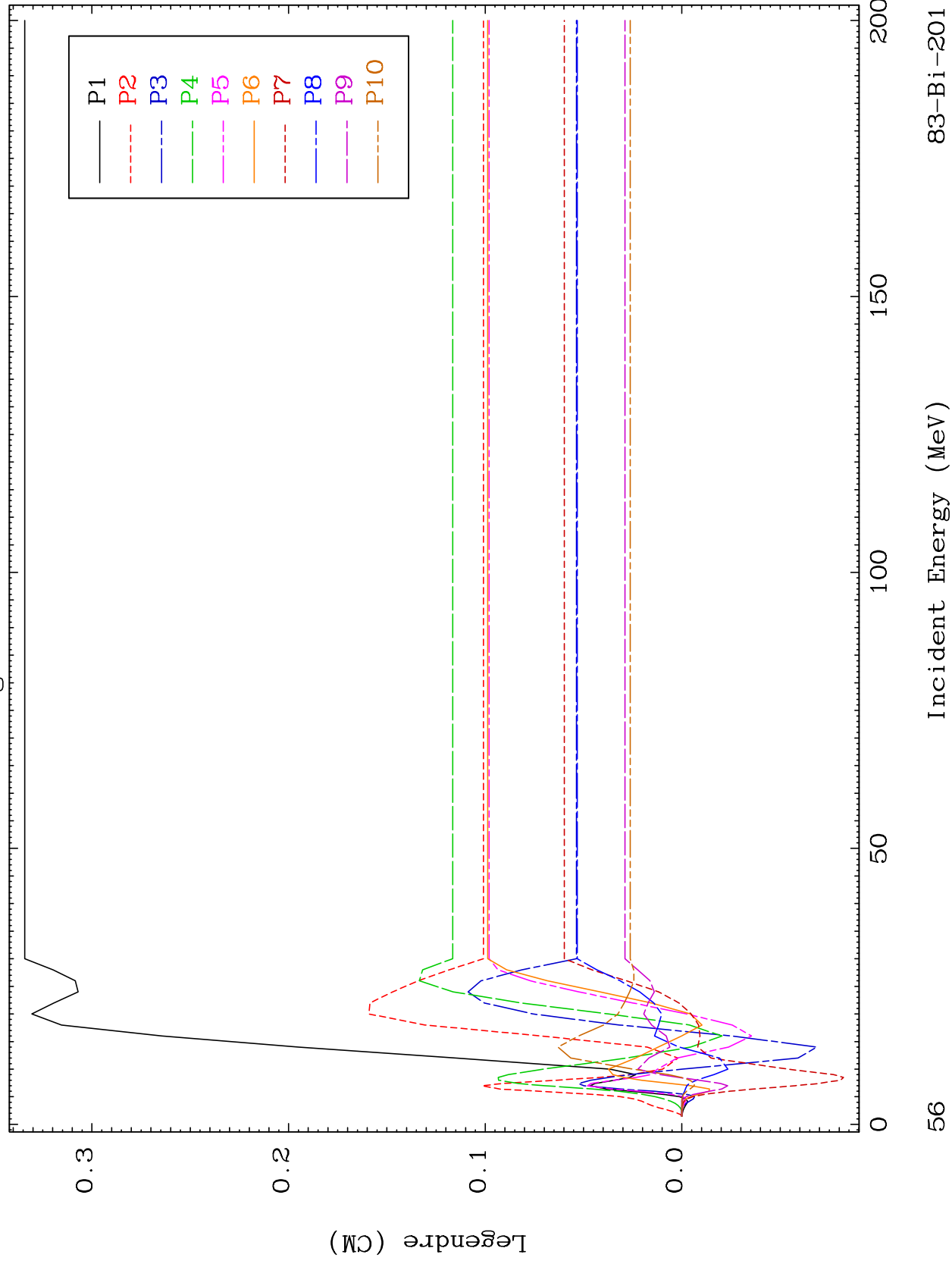


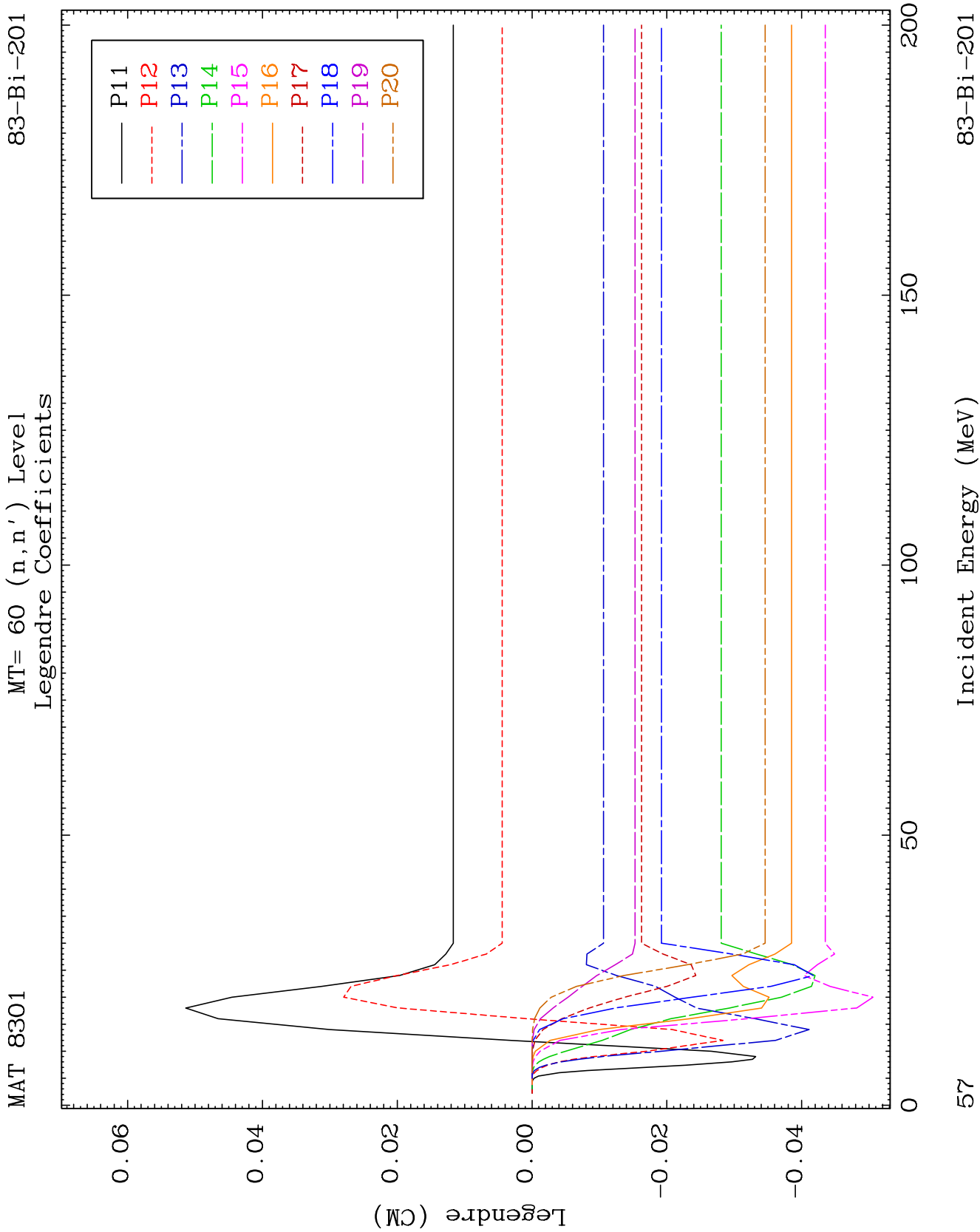


MAT 8301

MT= 60 (n, n') Level
Legendre Coefficients

83-Bi-201

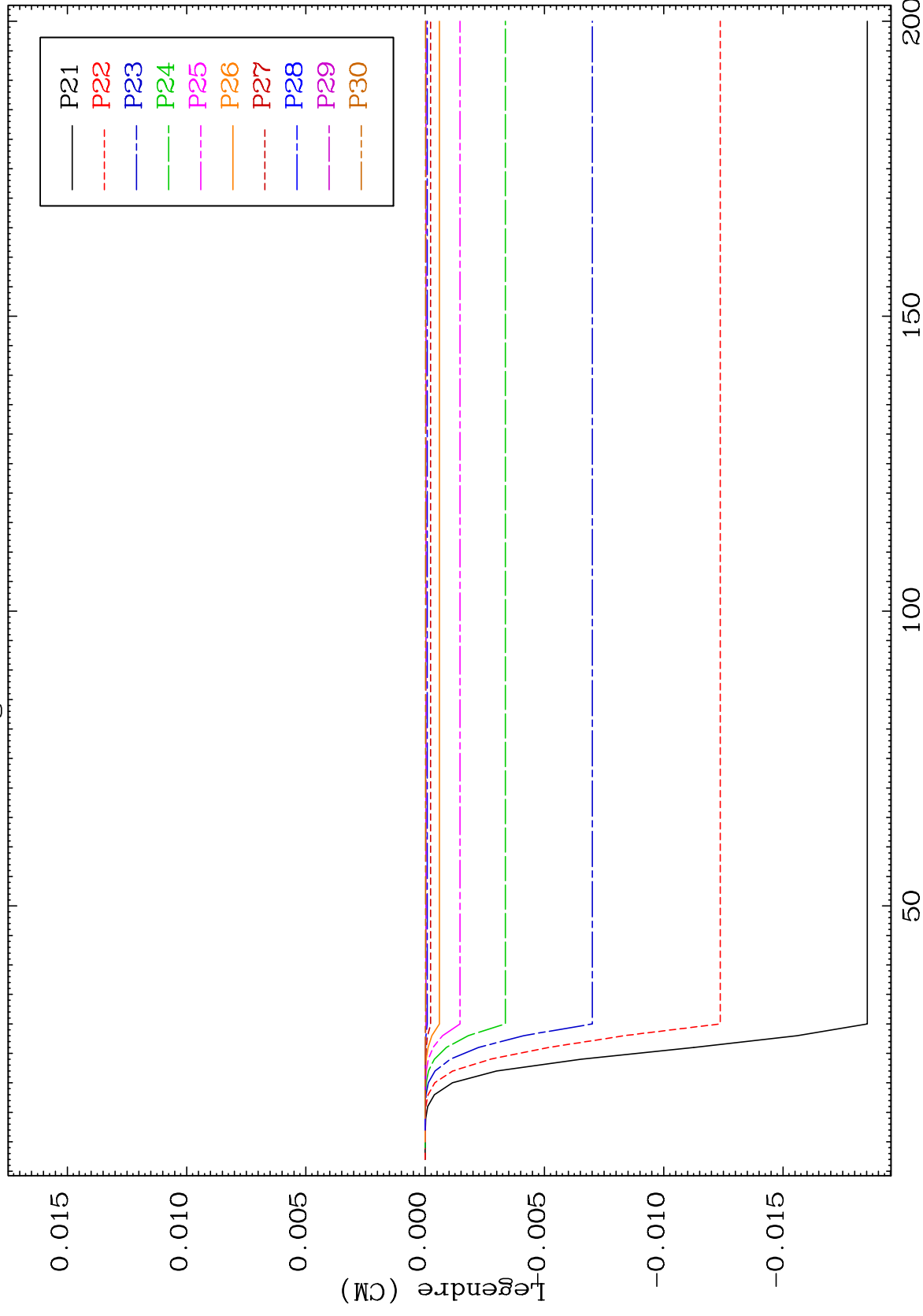




MAT 8301

MT= 60 (n, n') Level
Legendre Coefficients

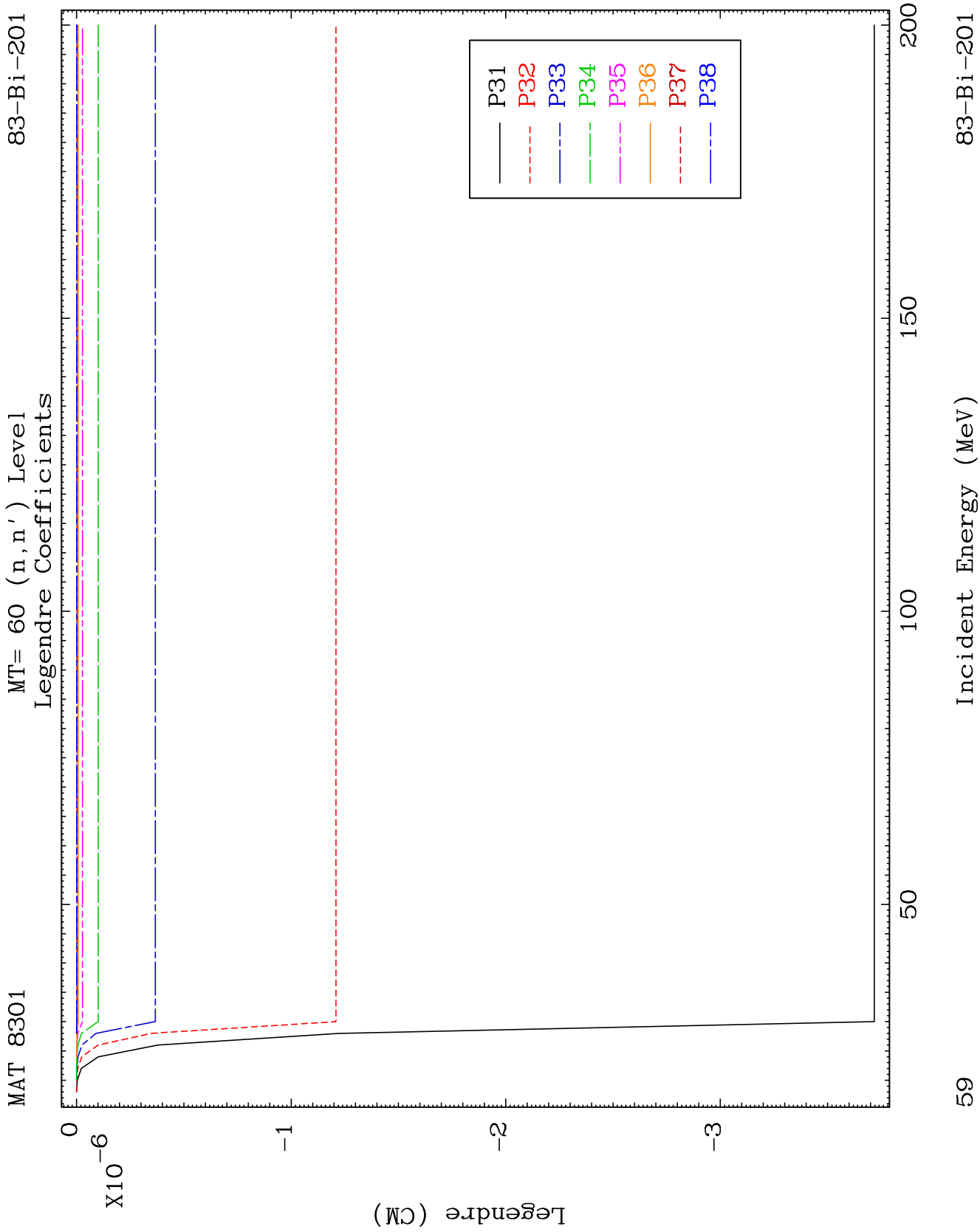
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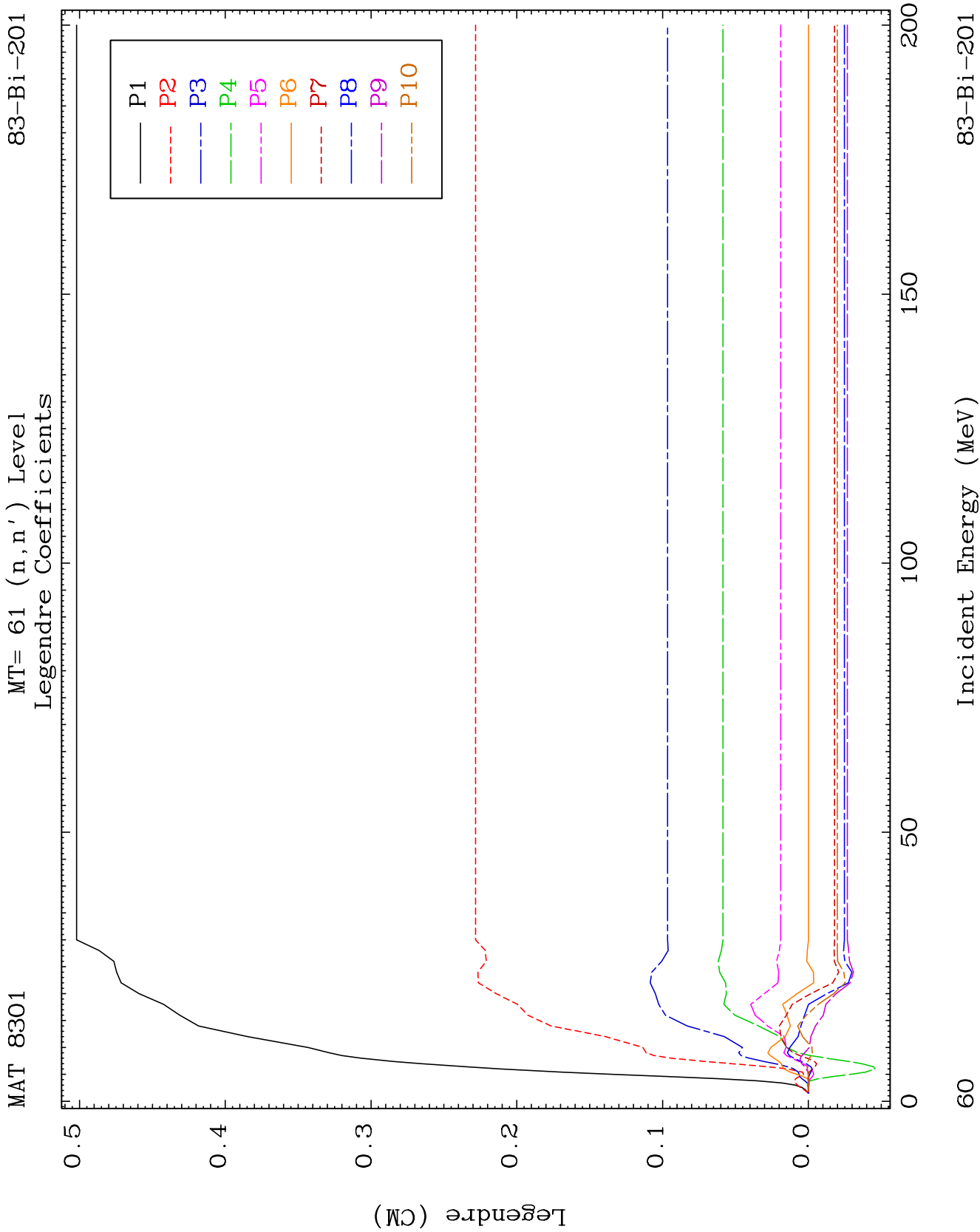


58

Incident Energy (MeV)

83-Bi-201

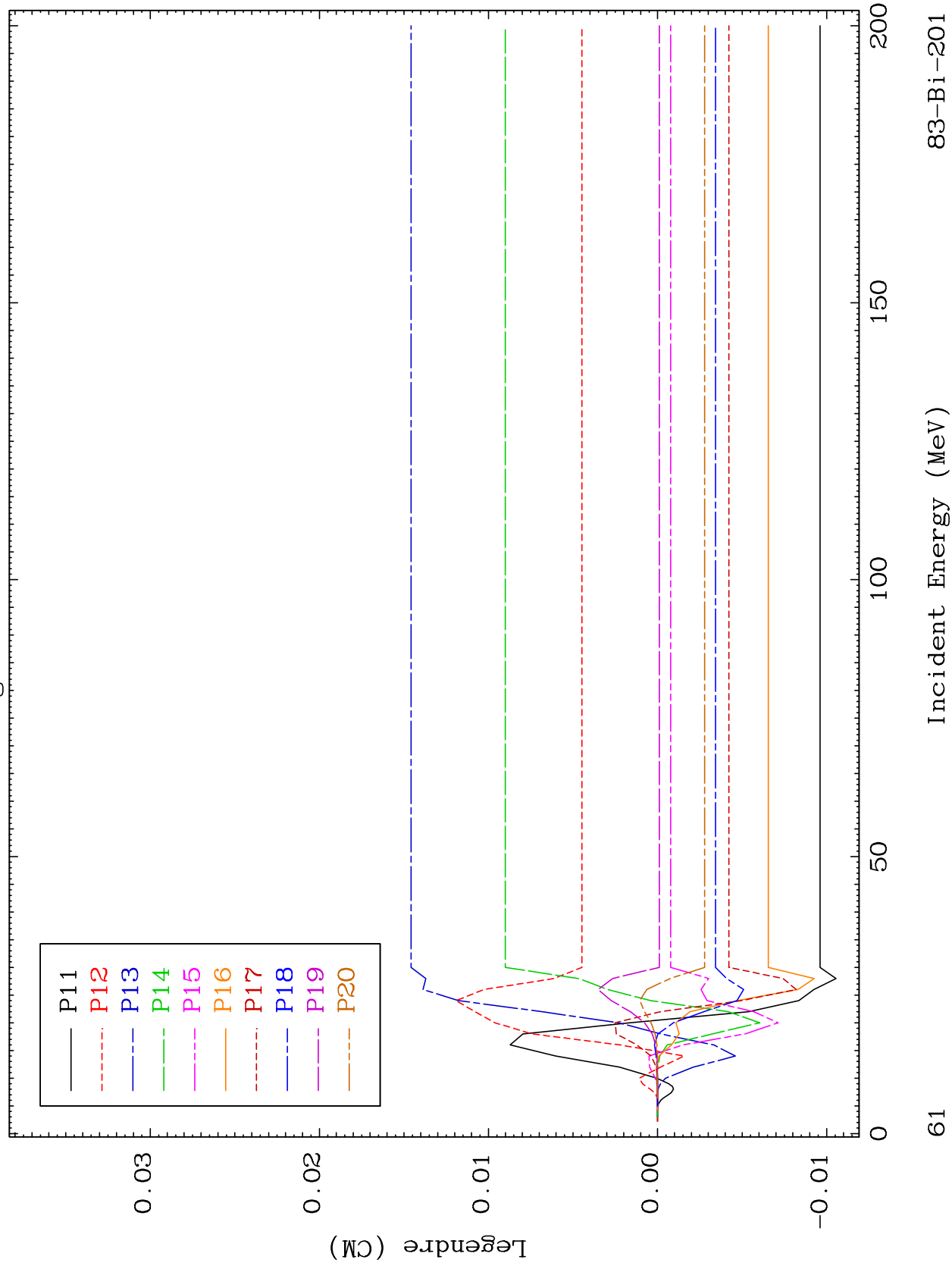


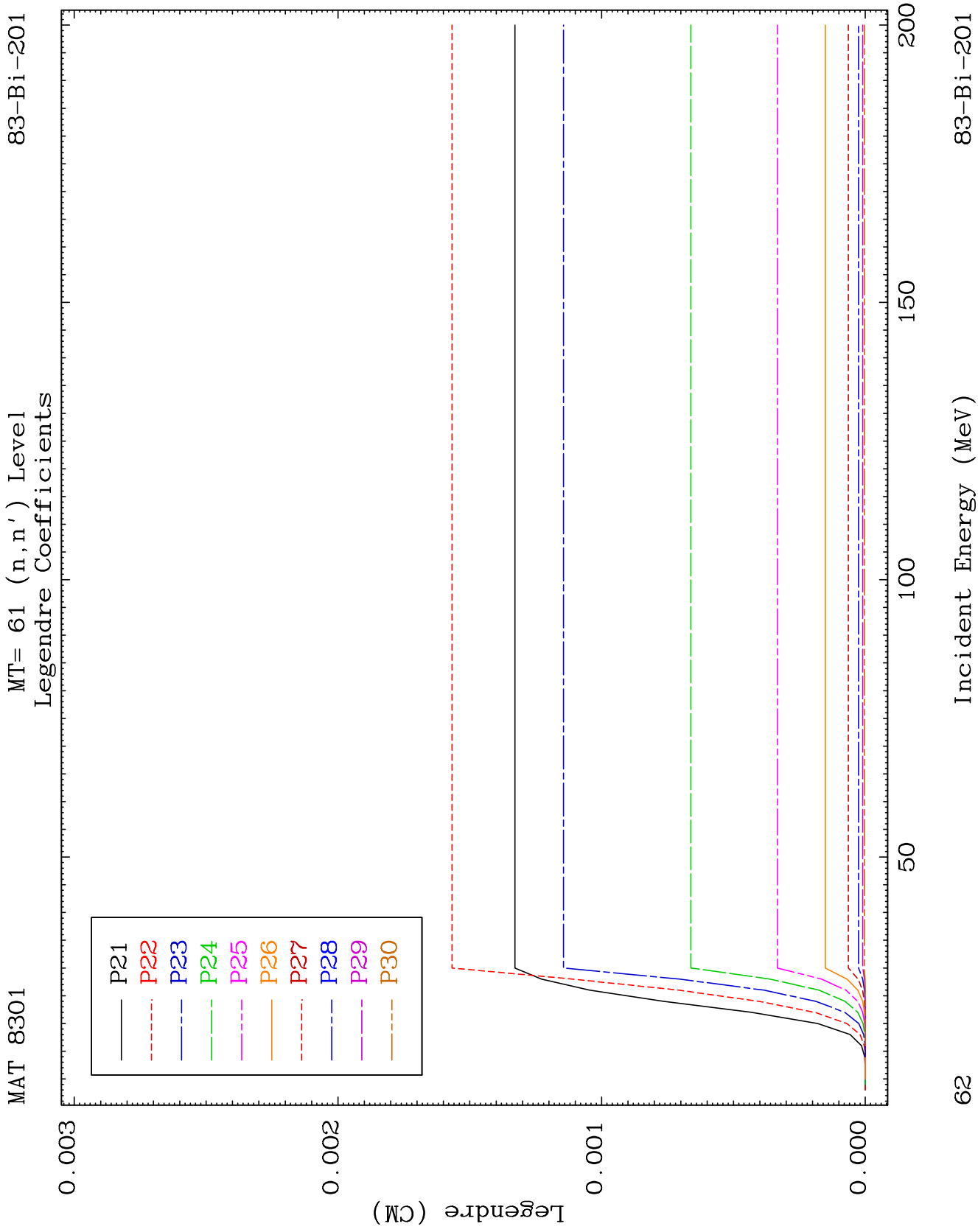


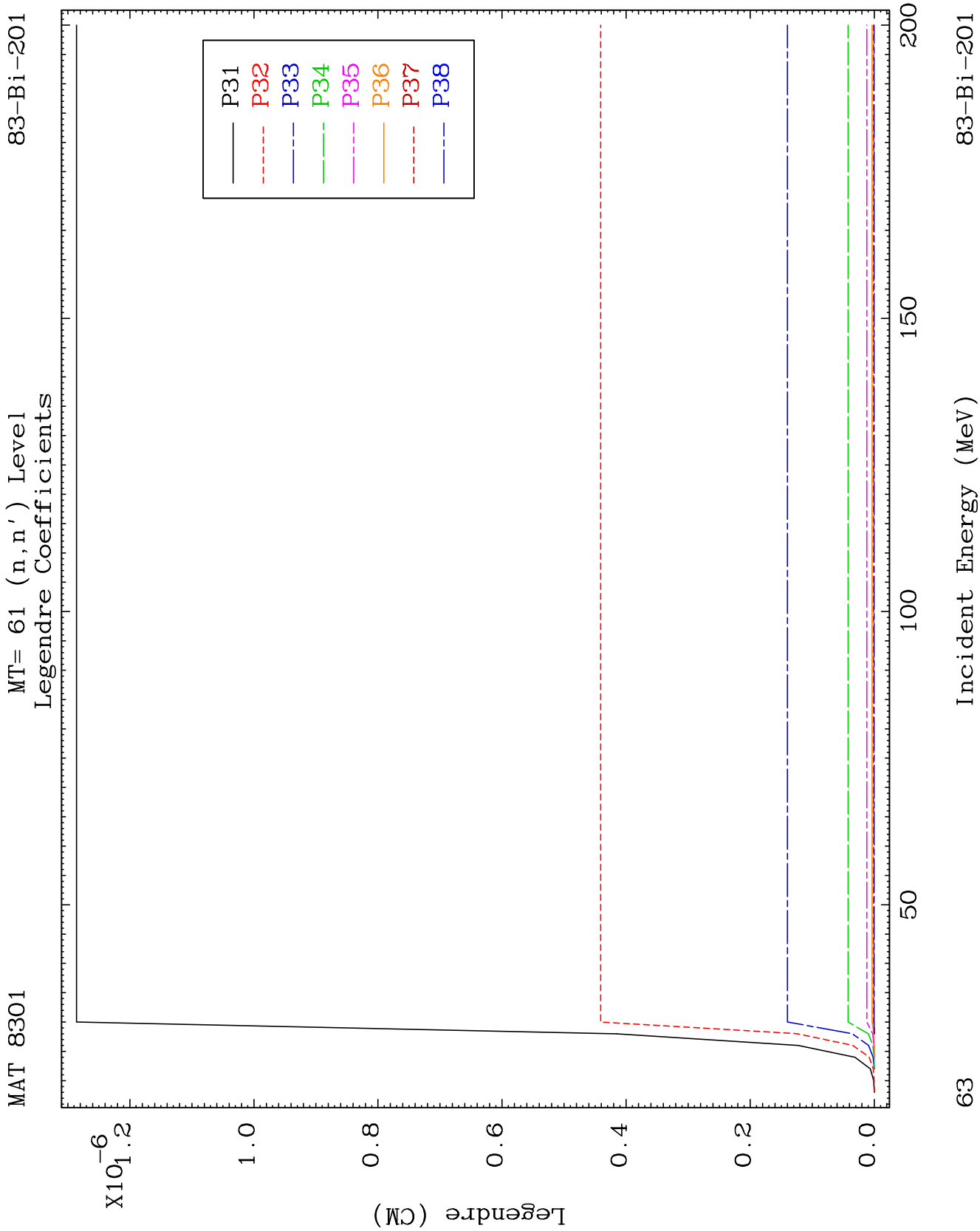
MAT 8301

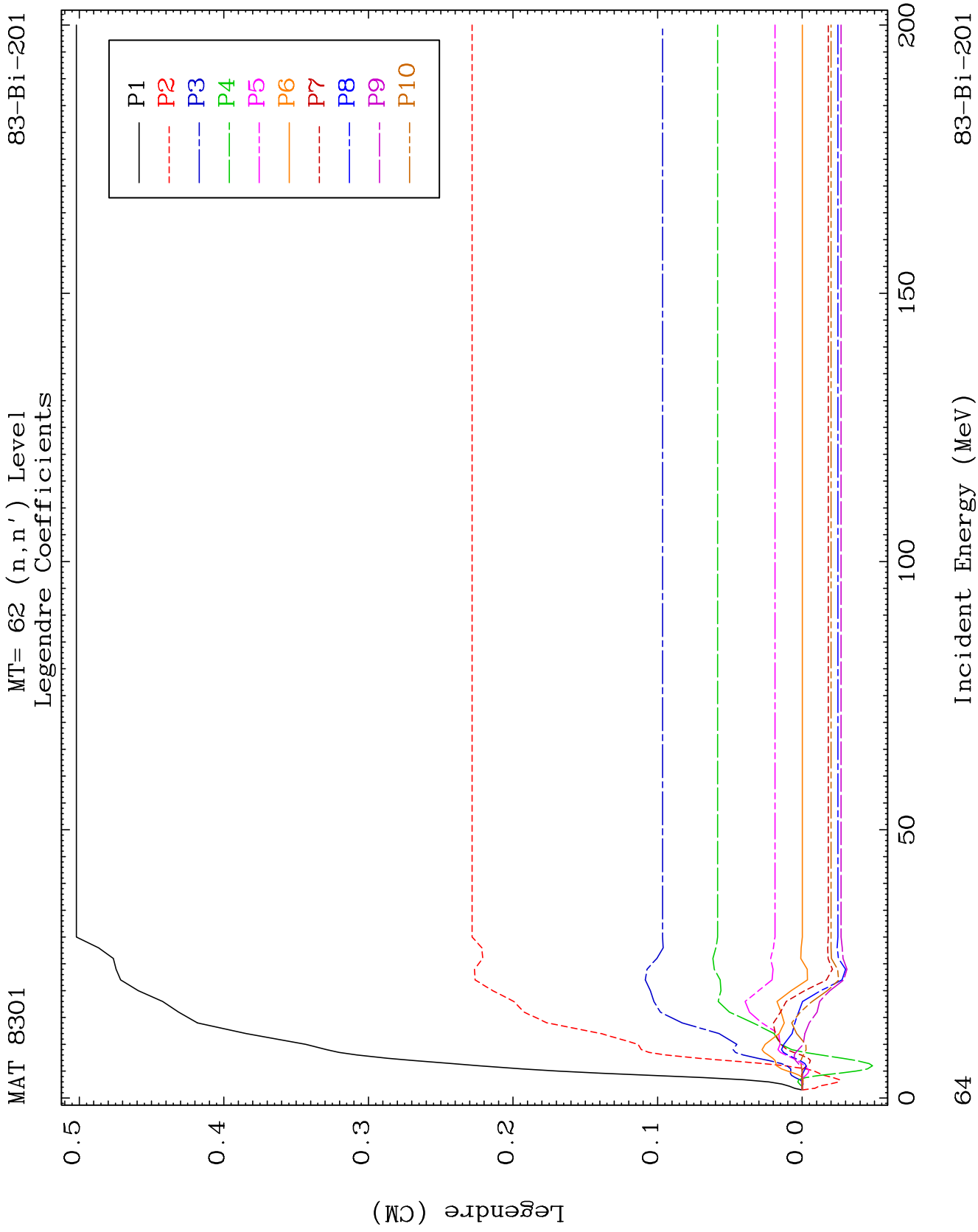
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Legendre Coefficients

83-Bi-201





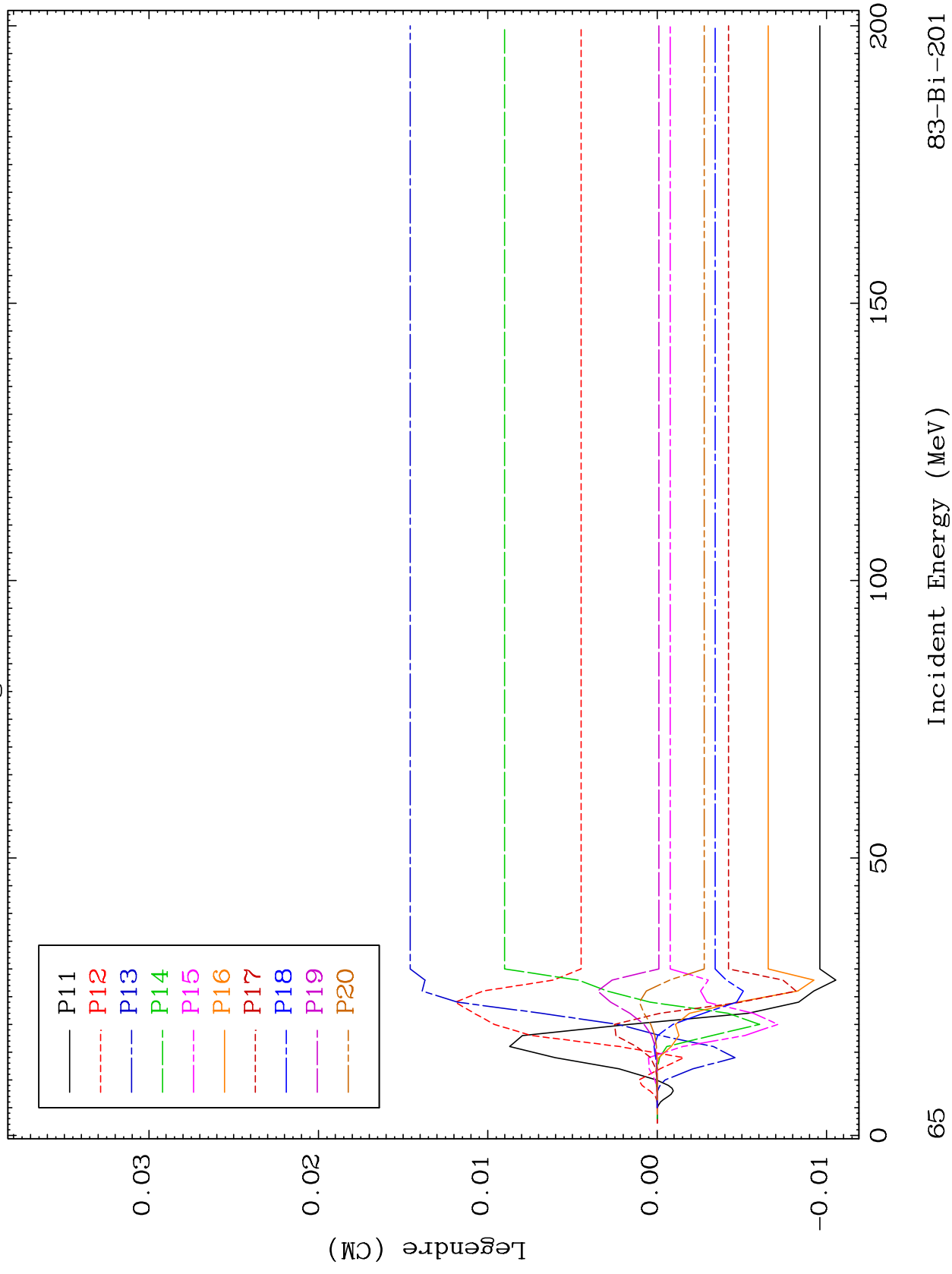


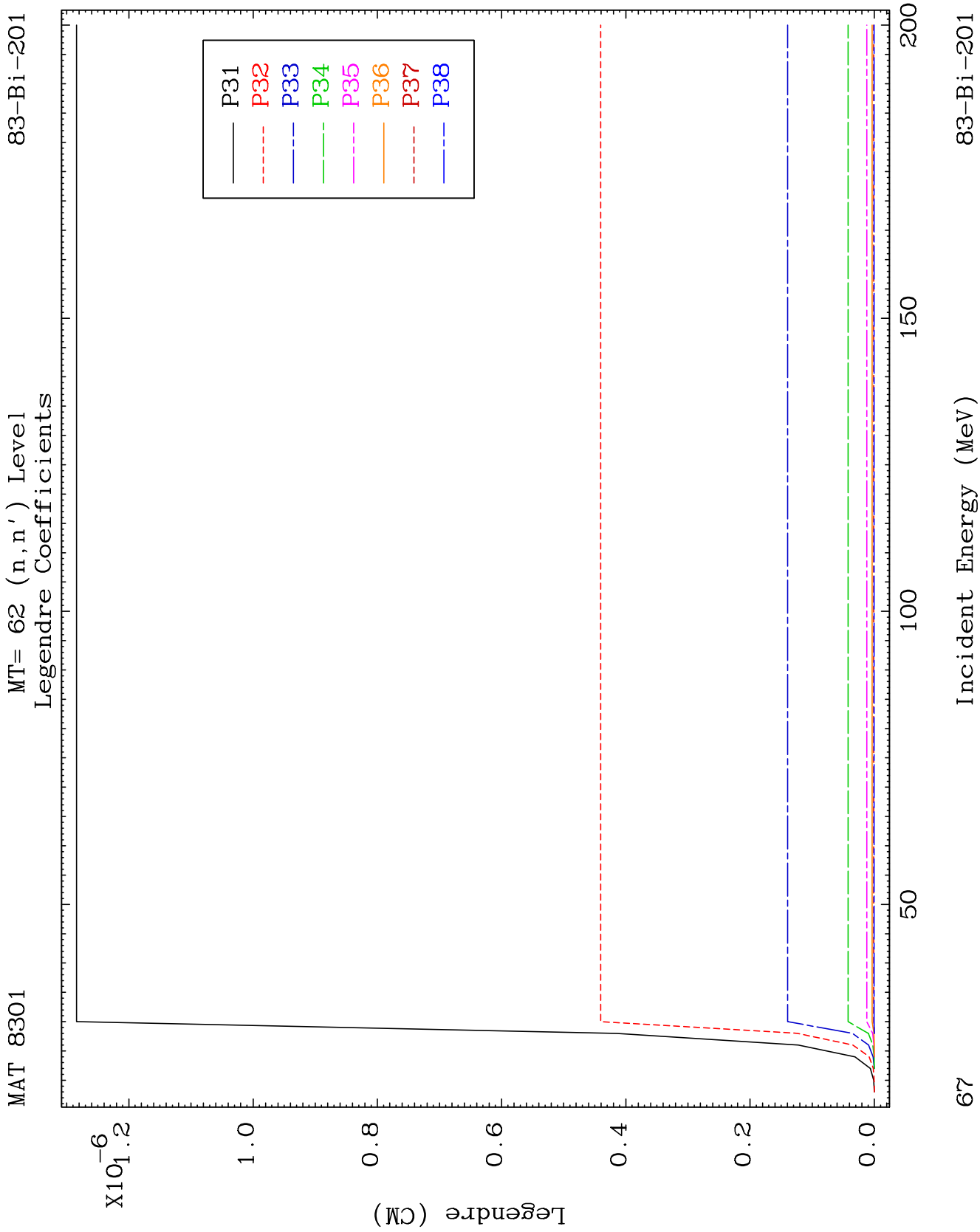


MAT 8301

MT= 62 (n, n') Level
Legendre Coefficients

83-Bi-201

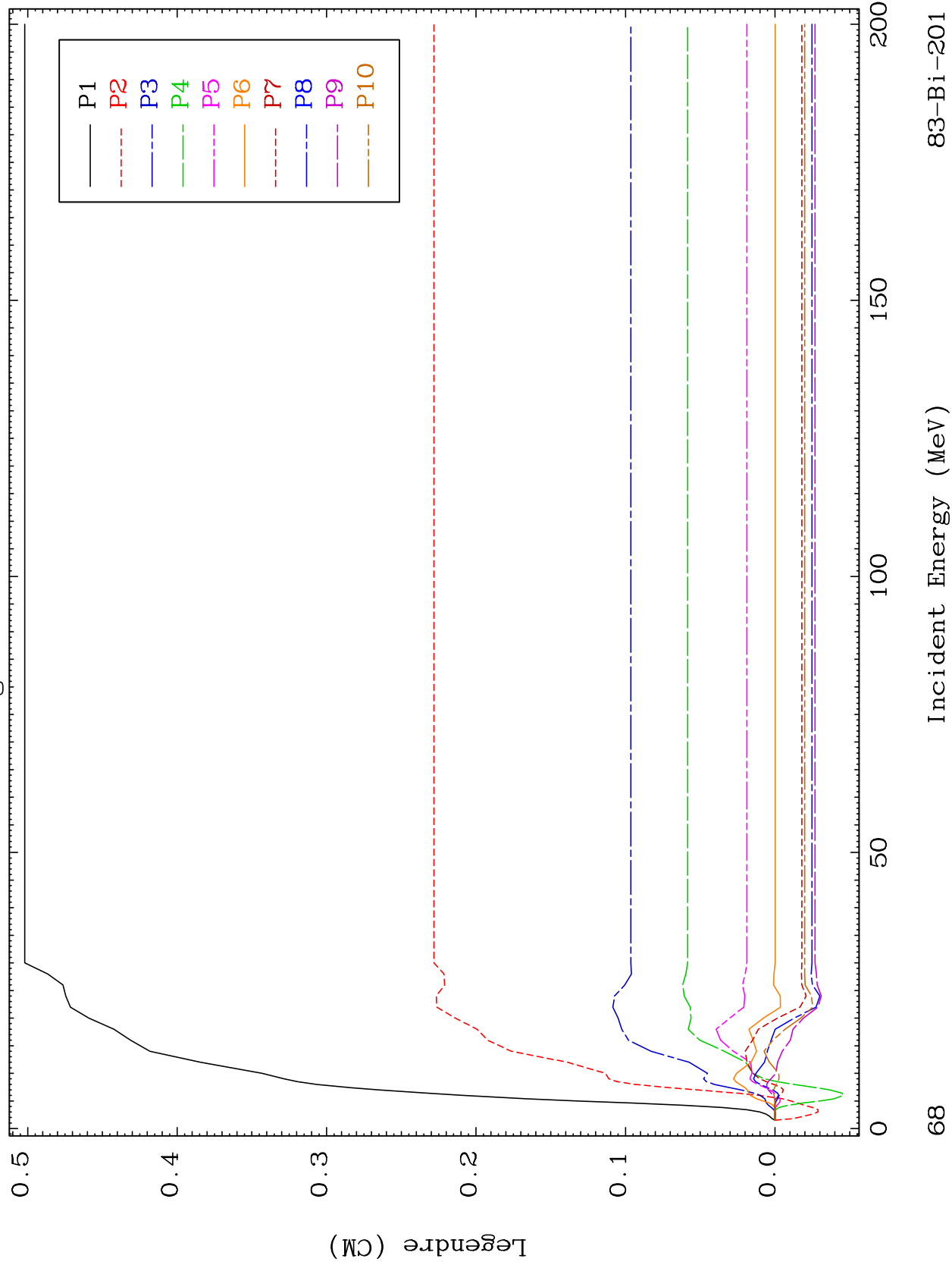


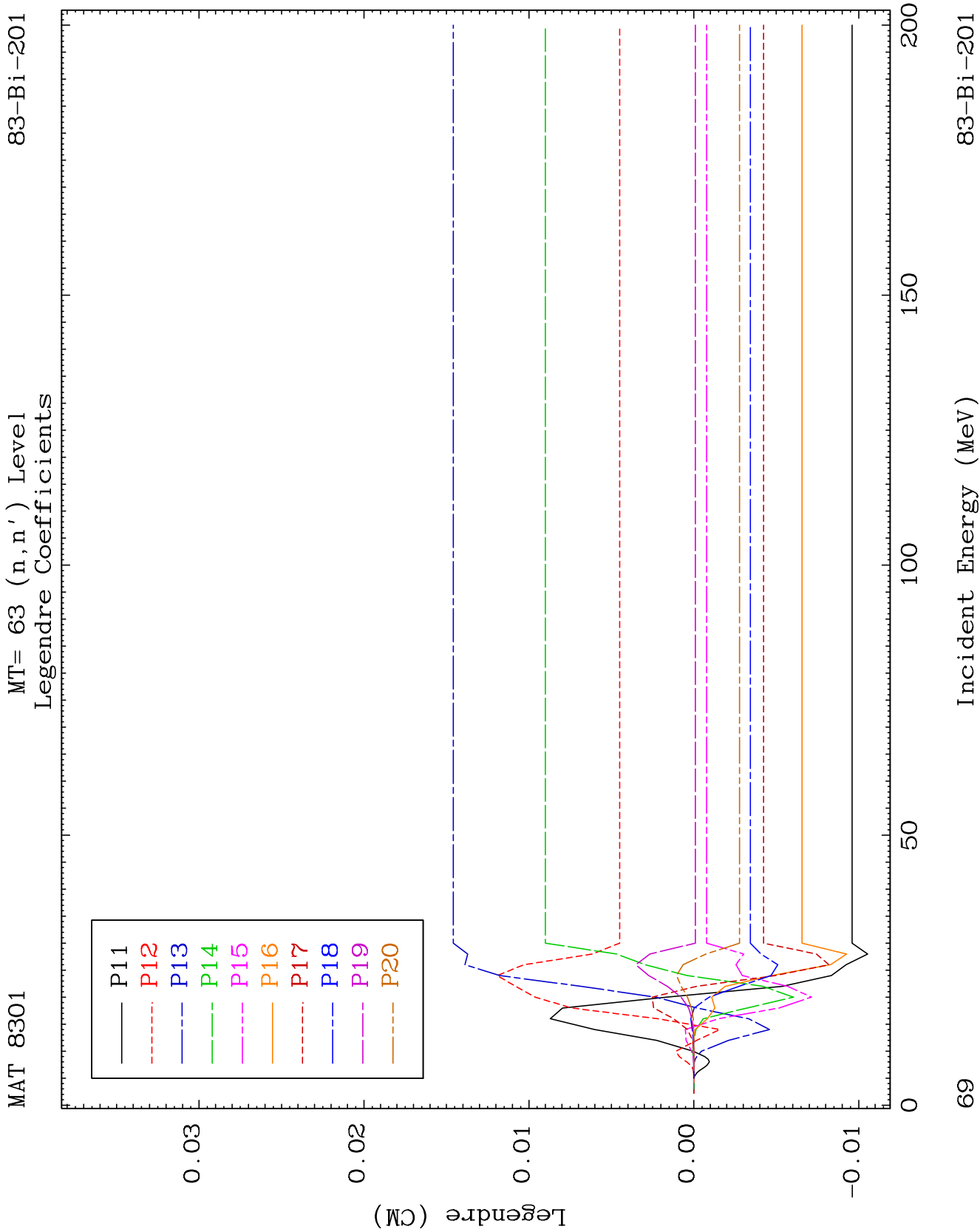


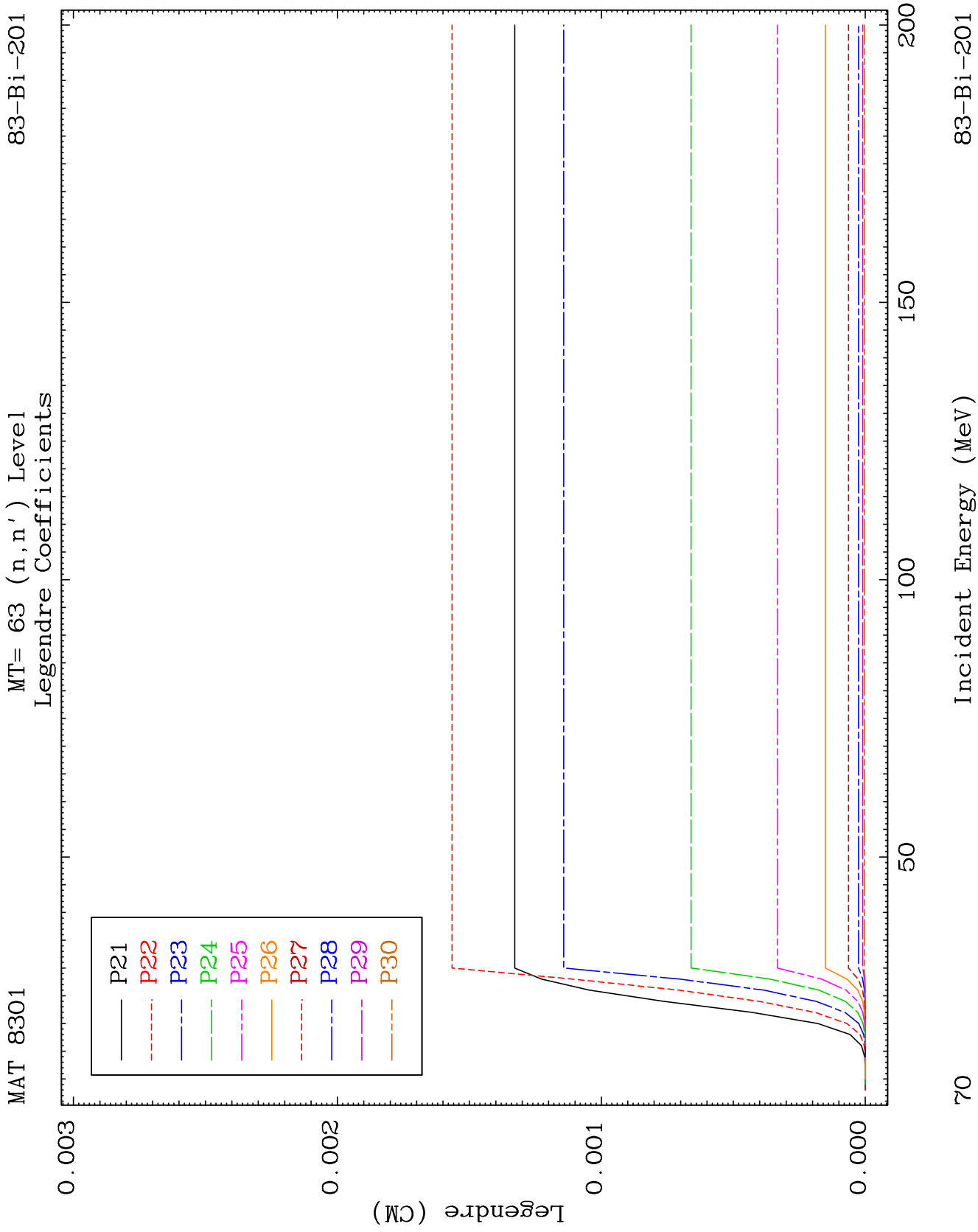
MAT 8301

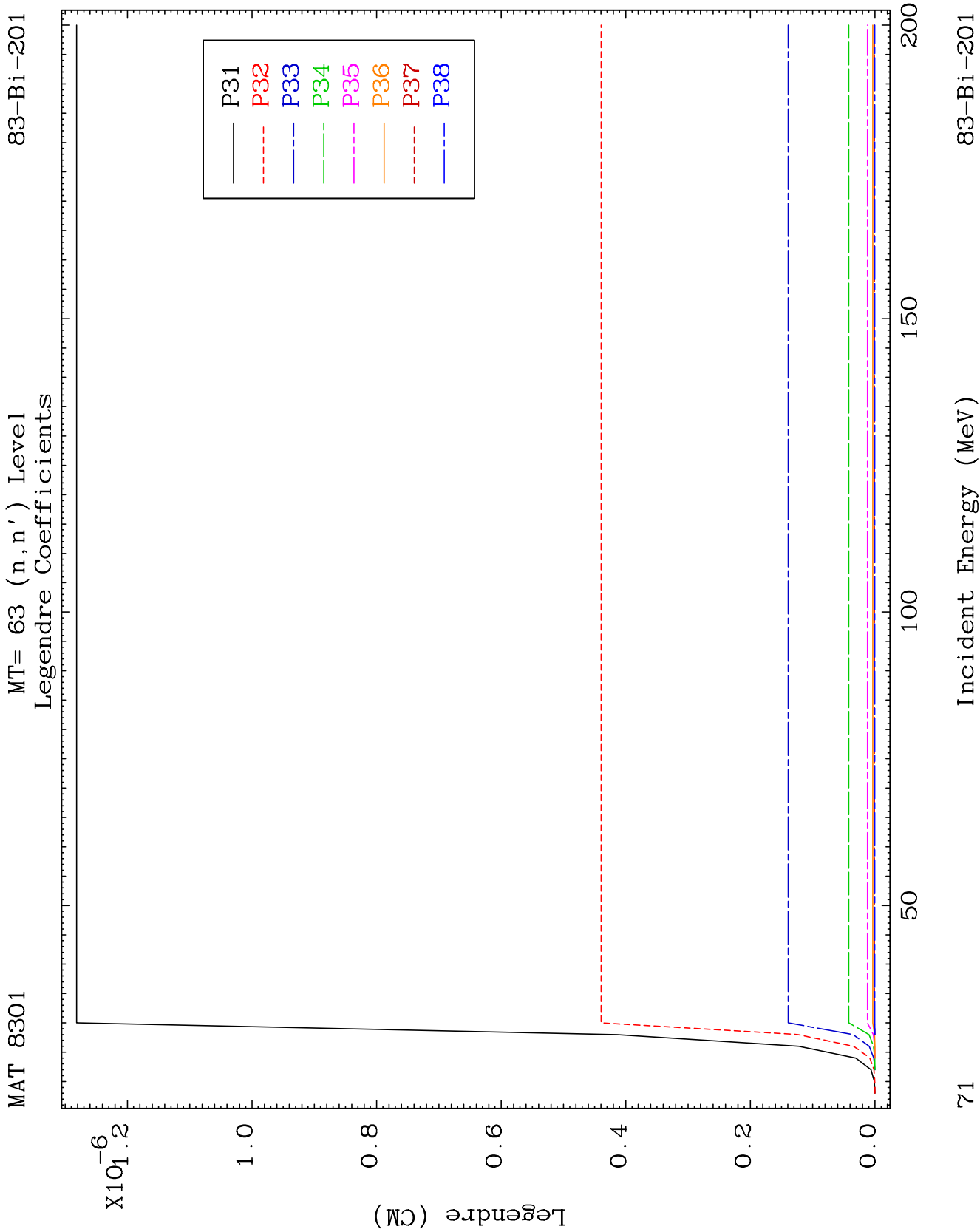
MT= 63 (n, n') Level
Legendre Coefficients

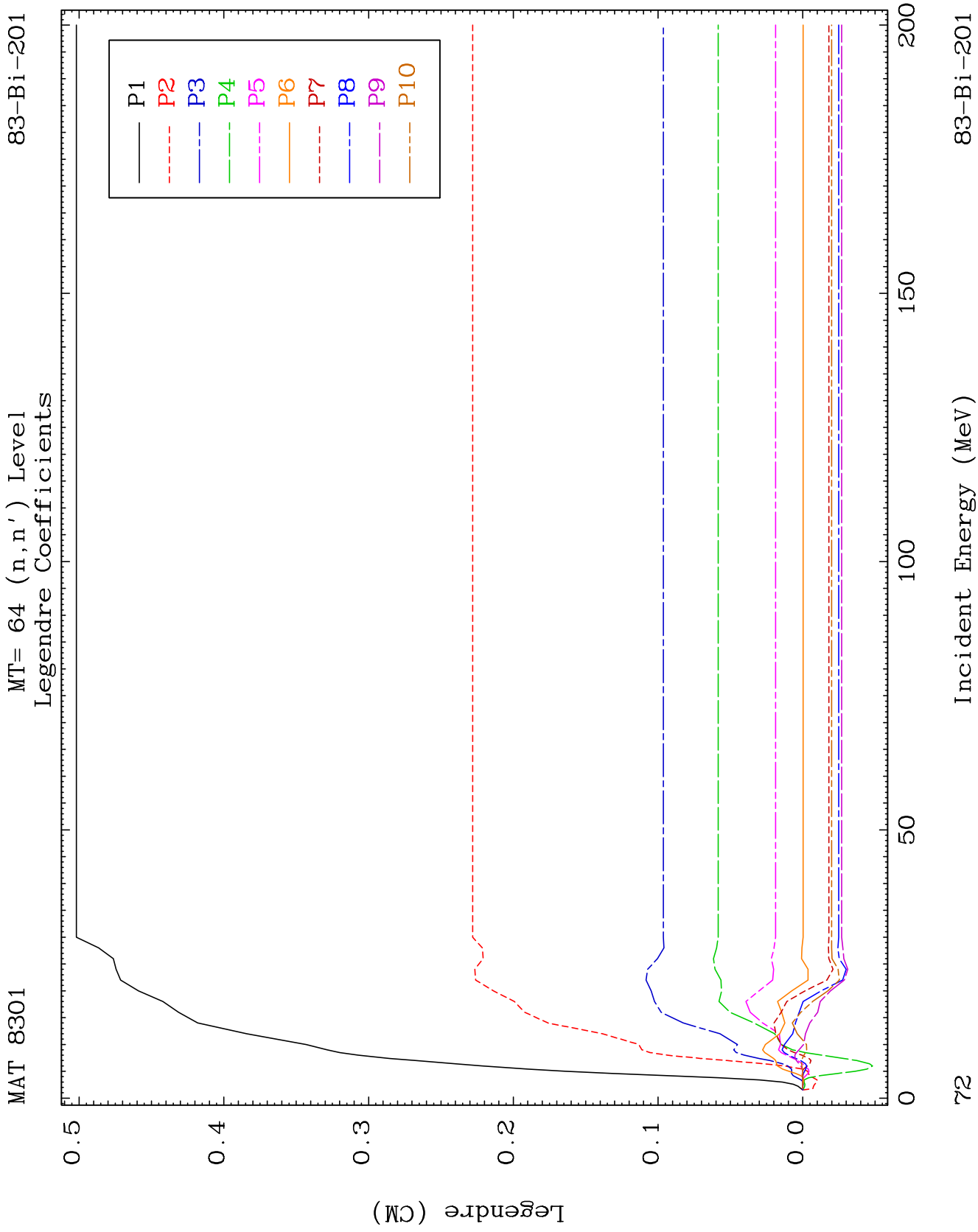
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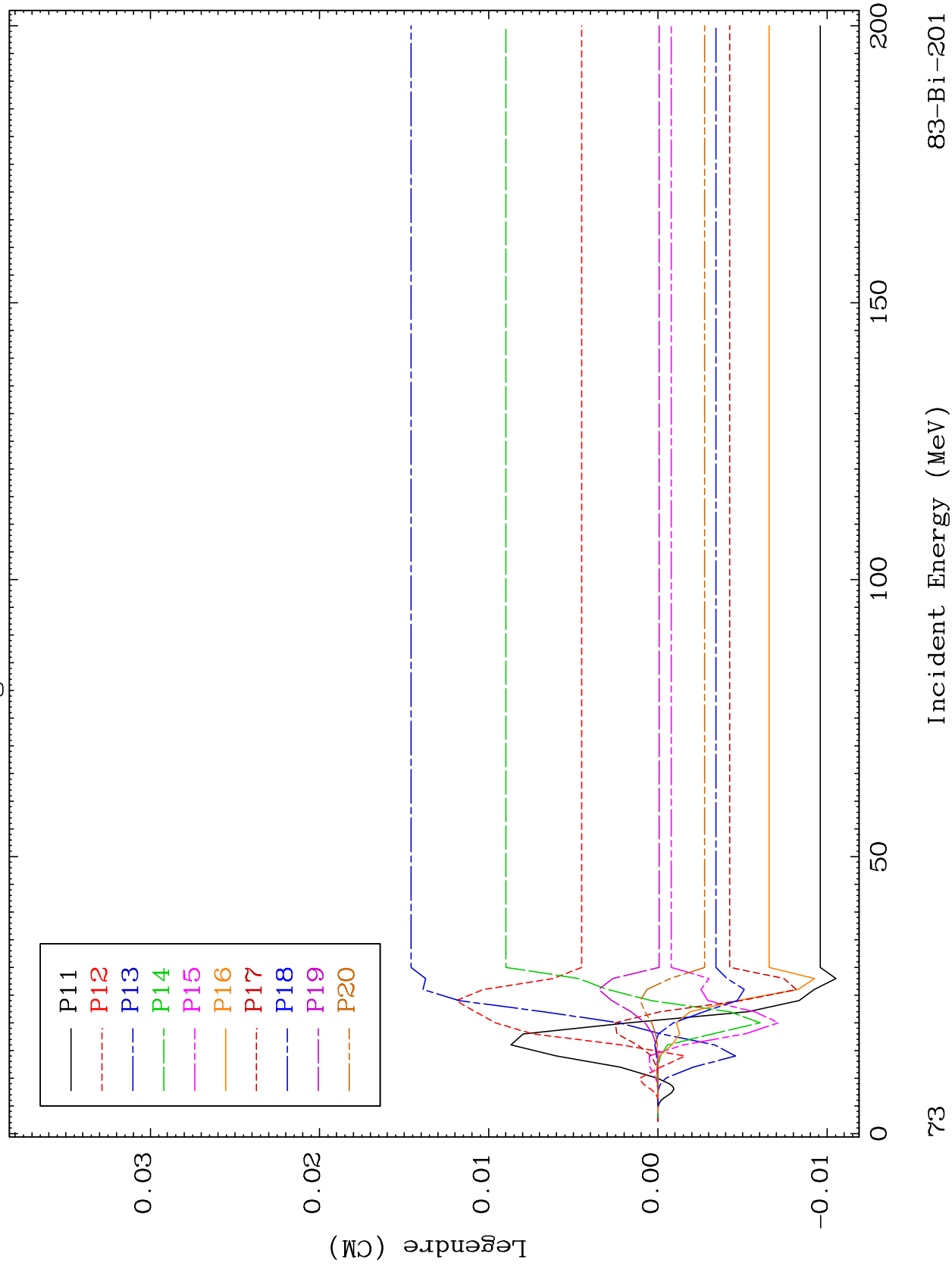




MAT 8301

MT= 64 (n, n') Level
Legendre Coefficients

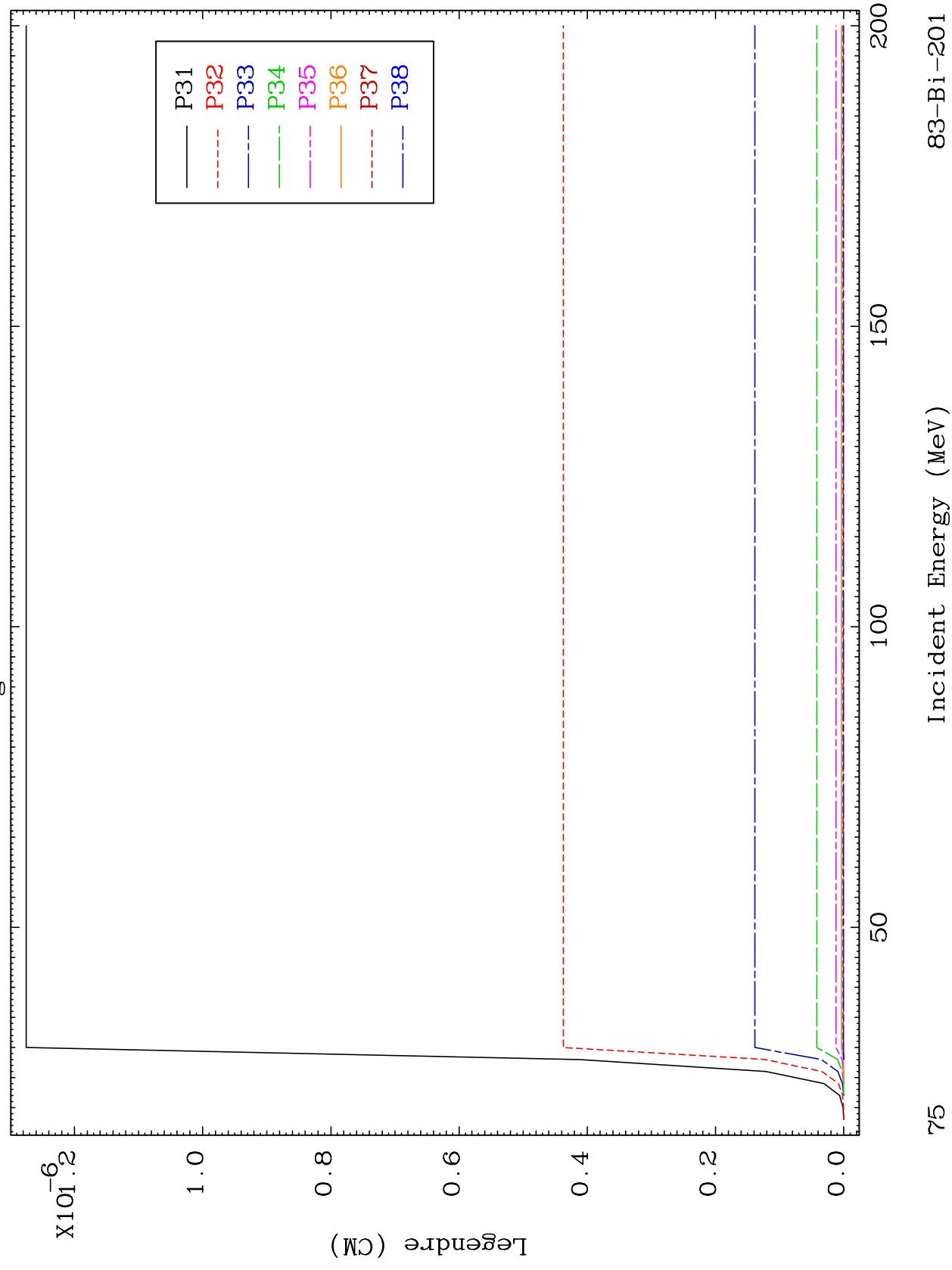
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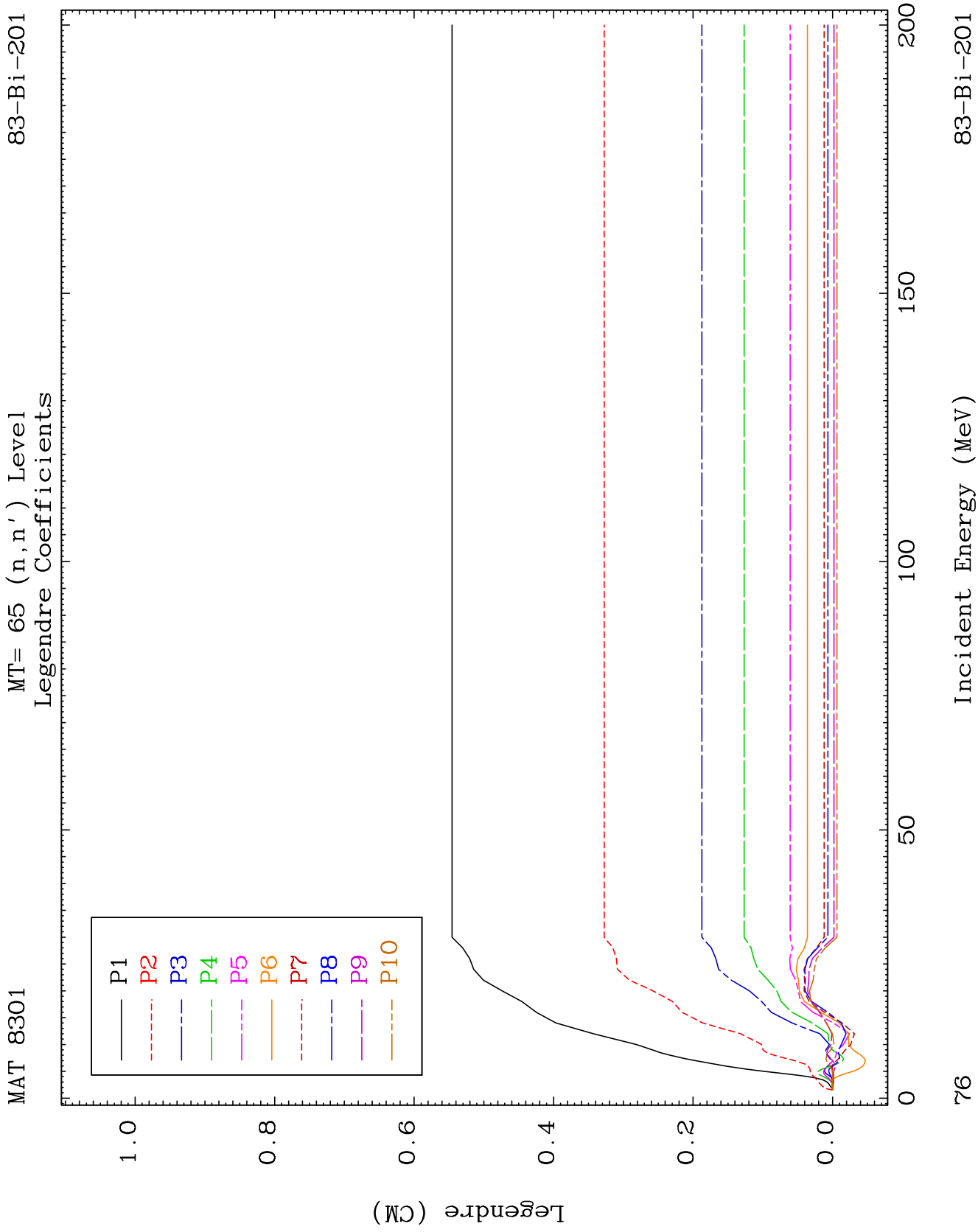


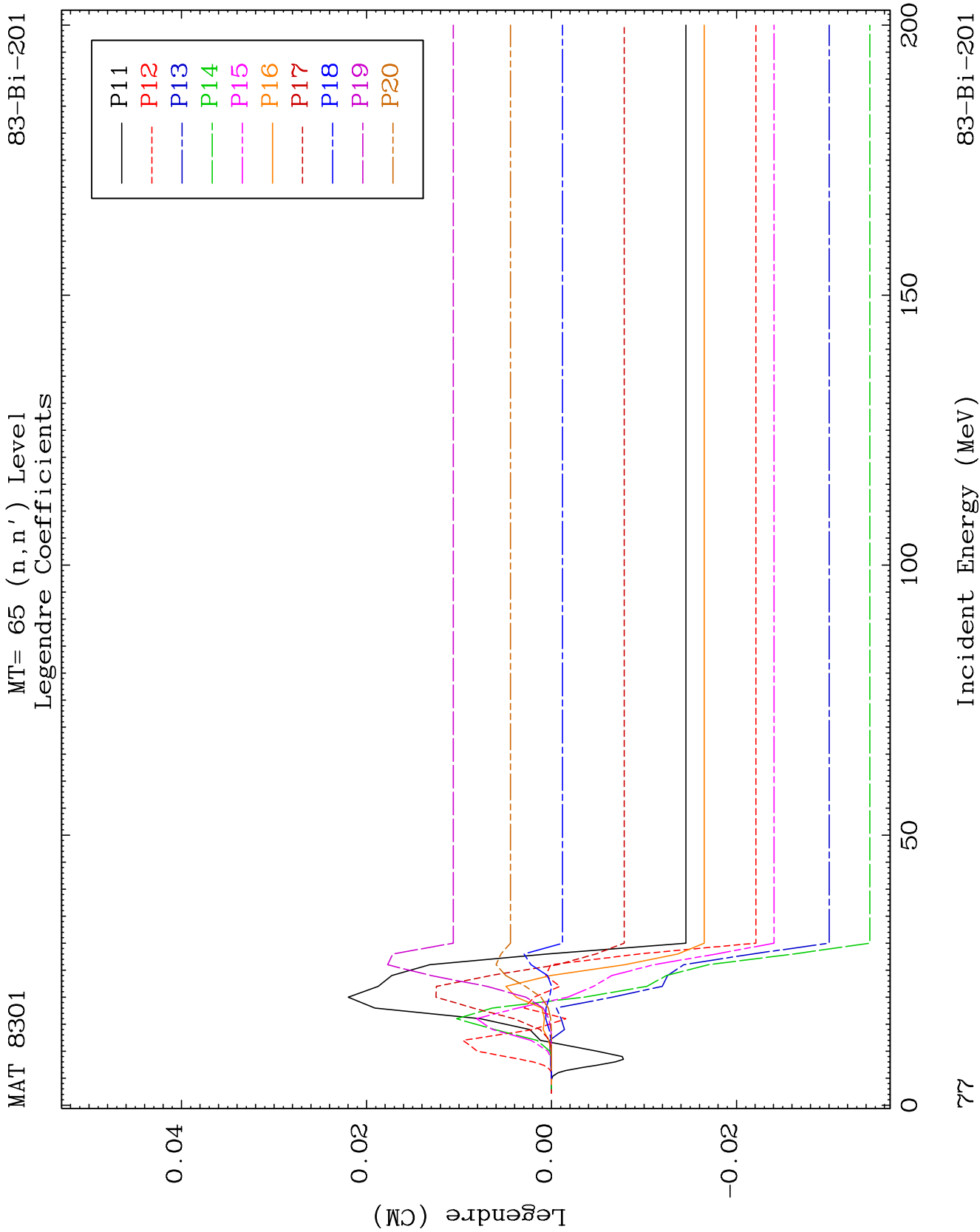
MAT 8301

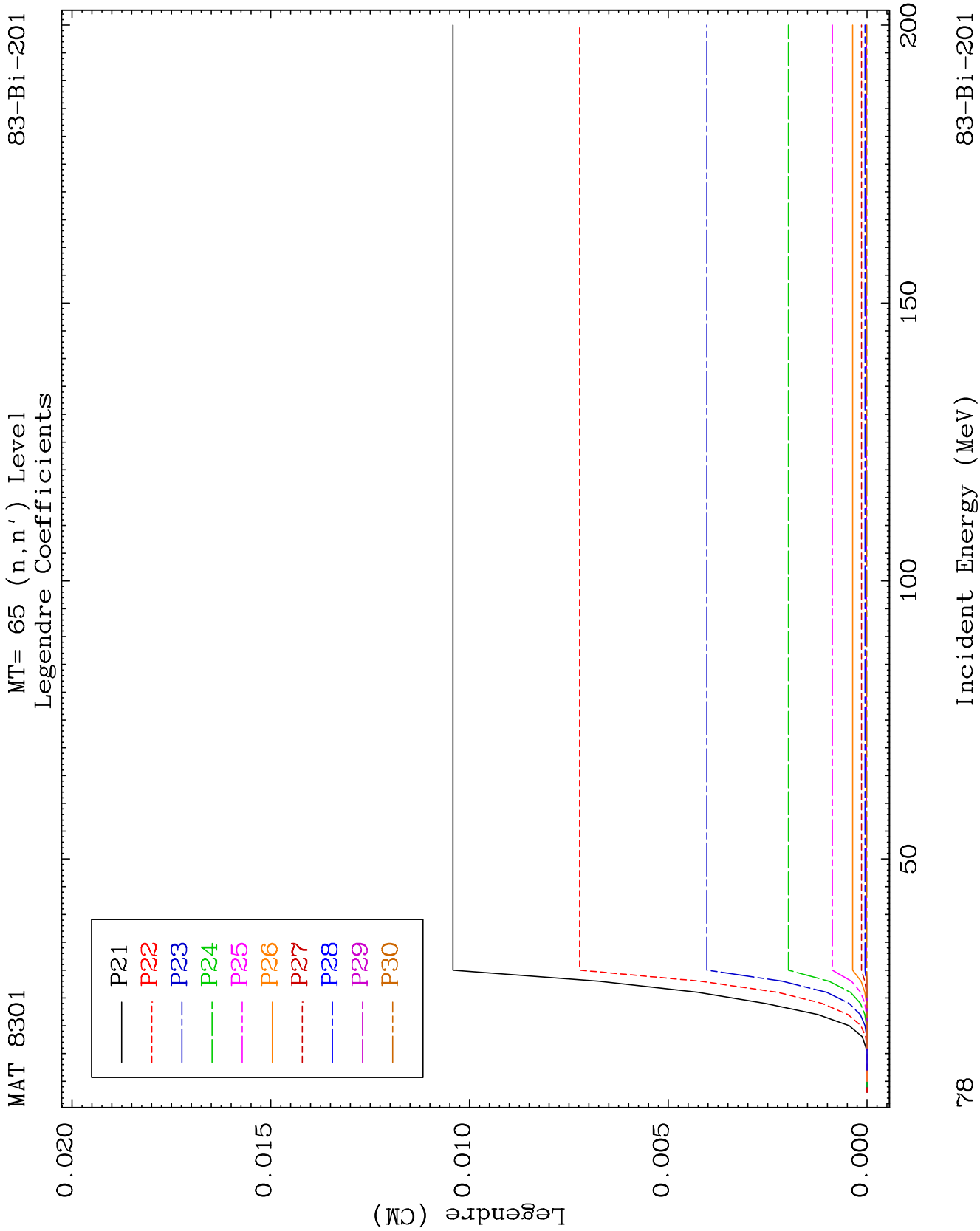
MT= 64 (n, n') Level
Legendre Coefficients

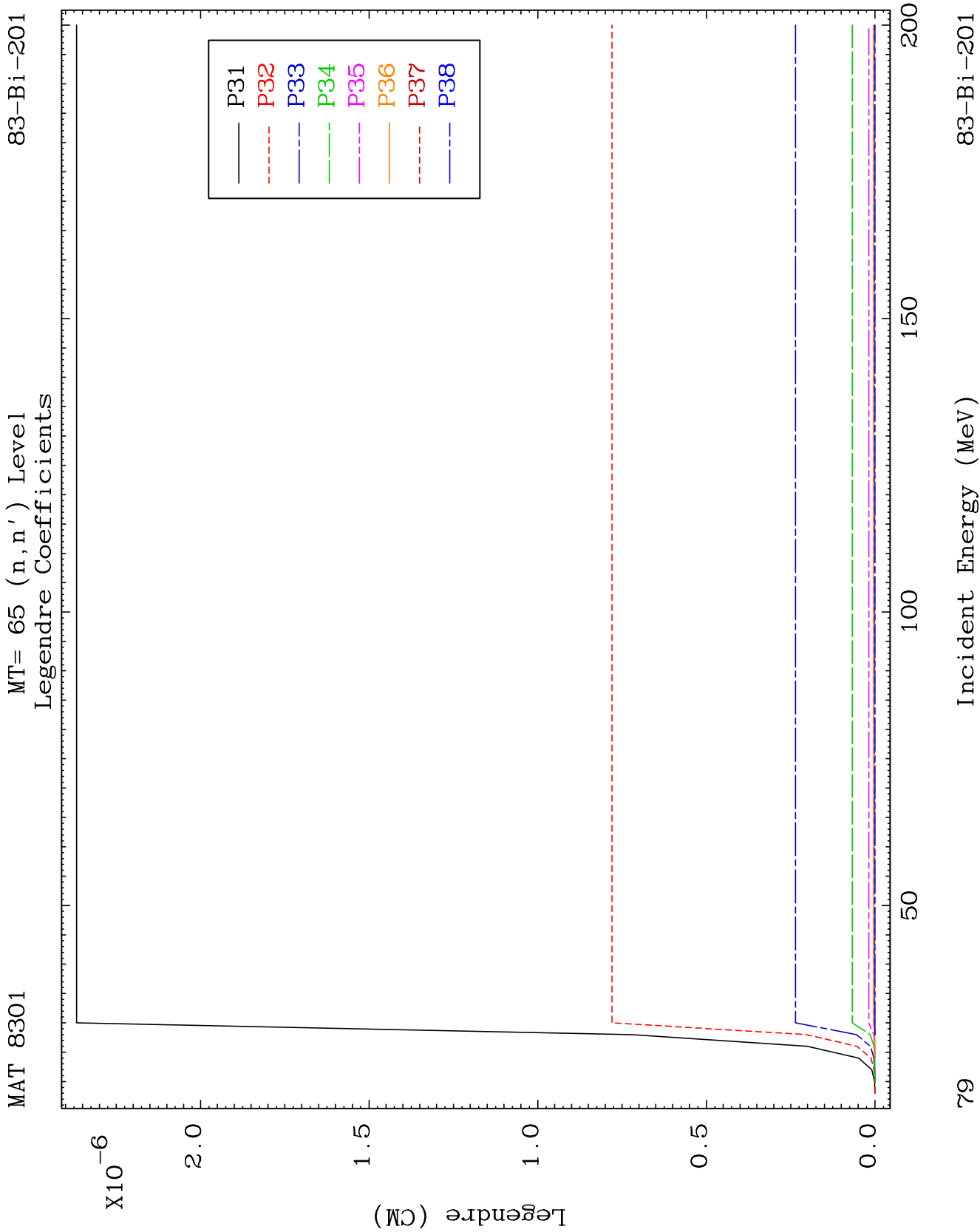
83-Bi-201

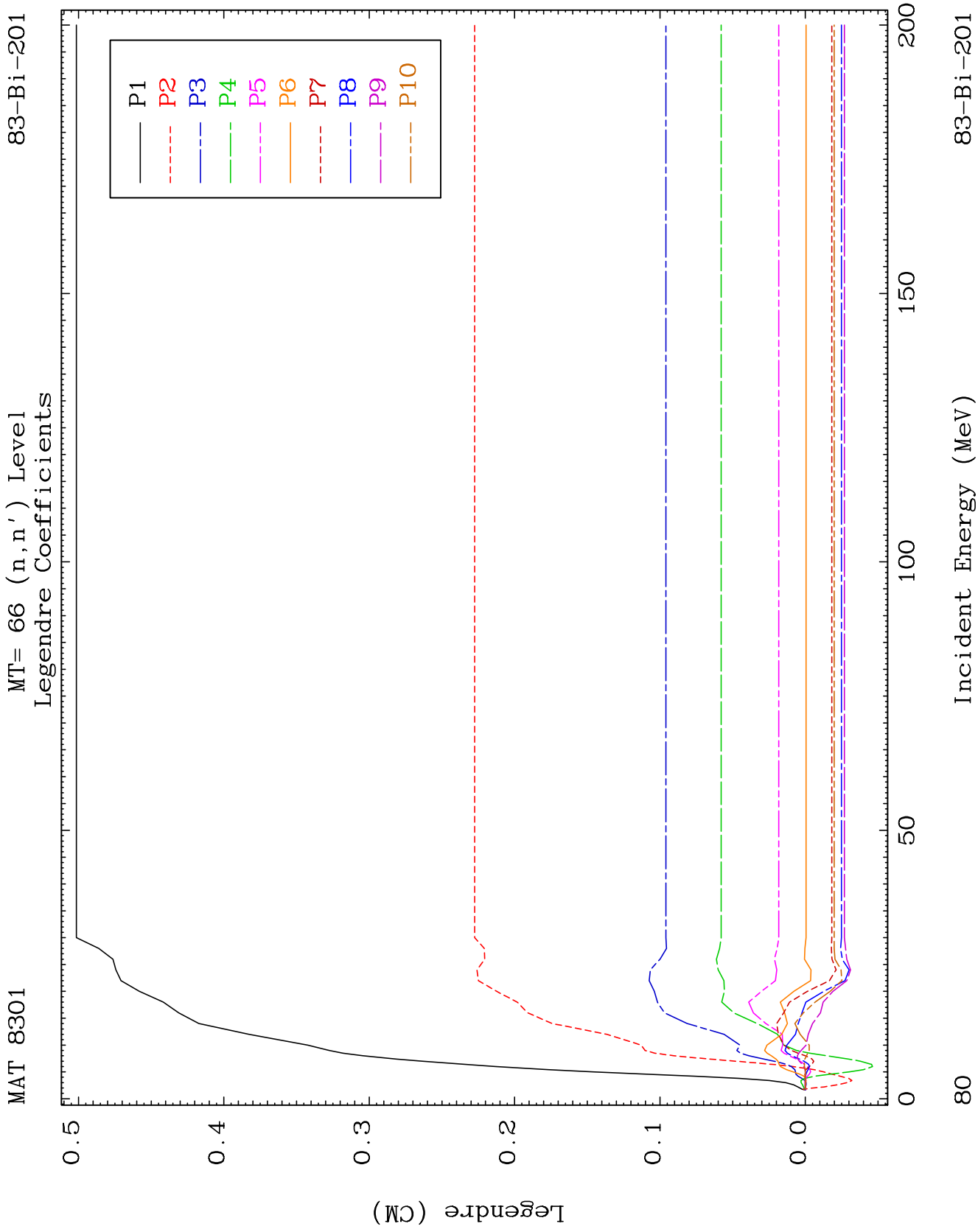


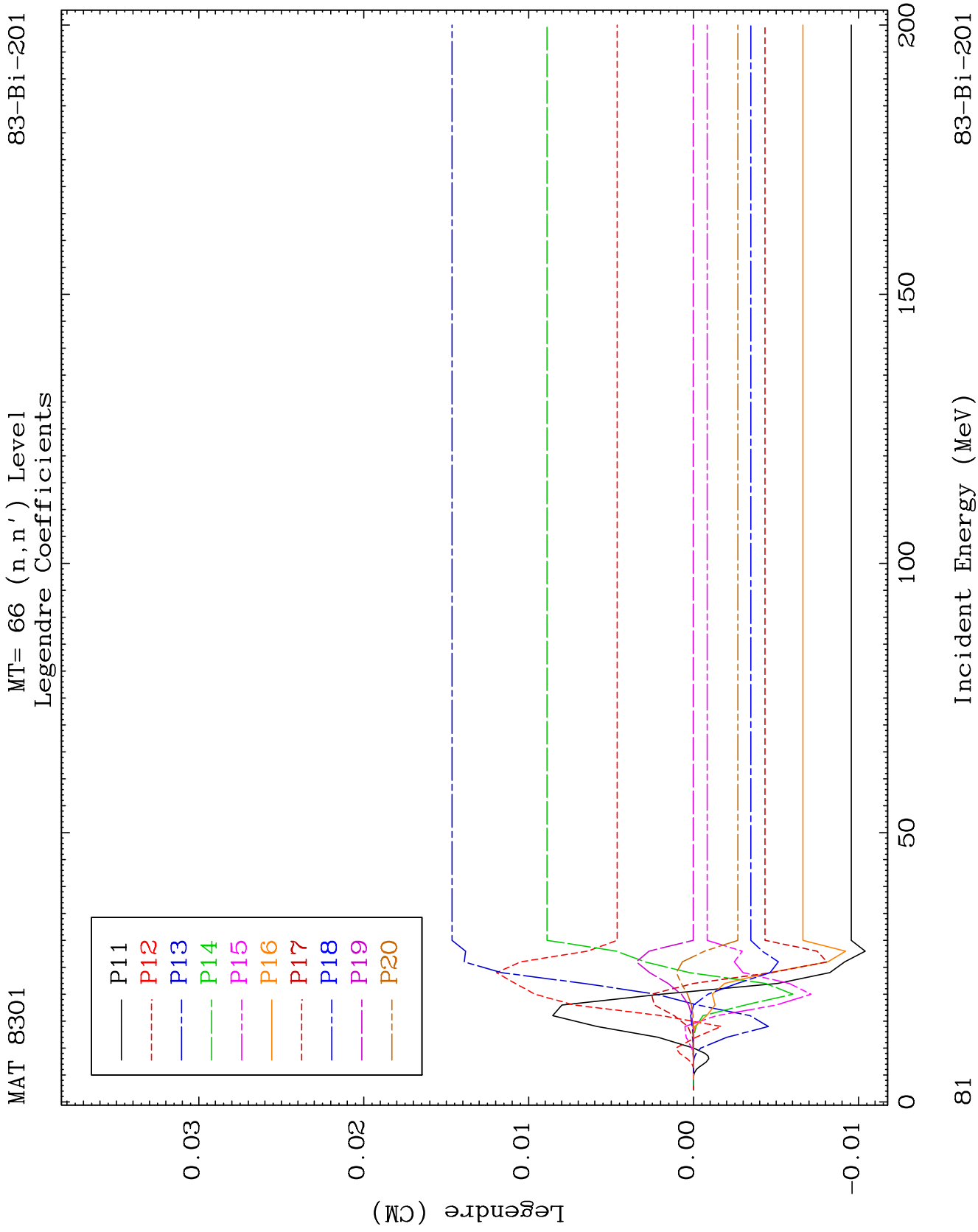


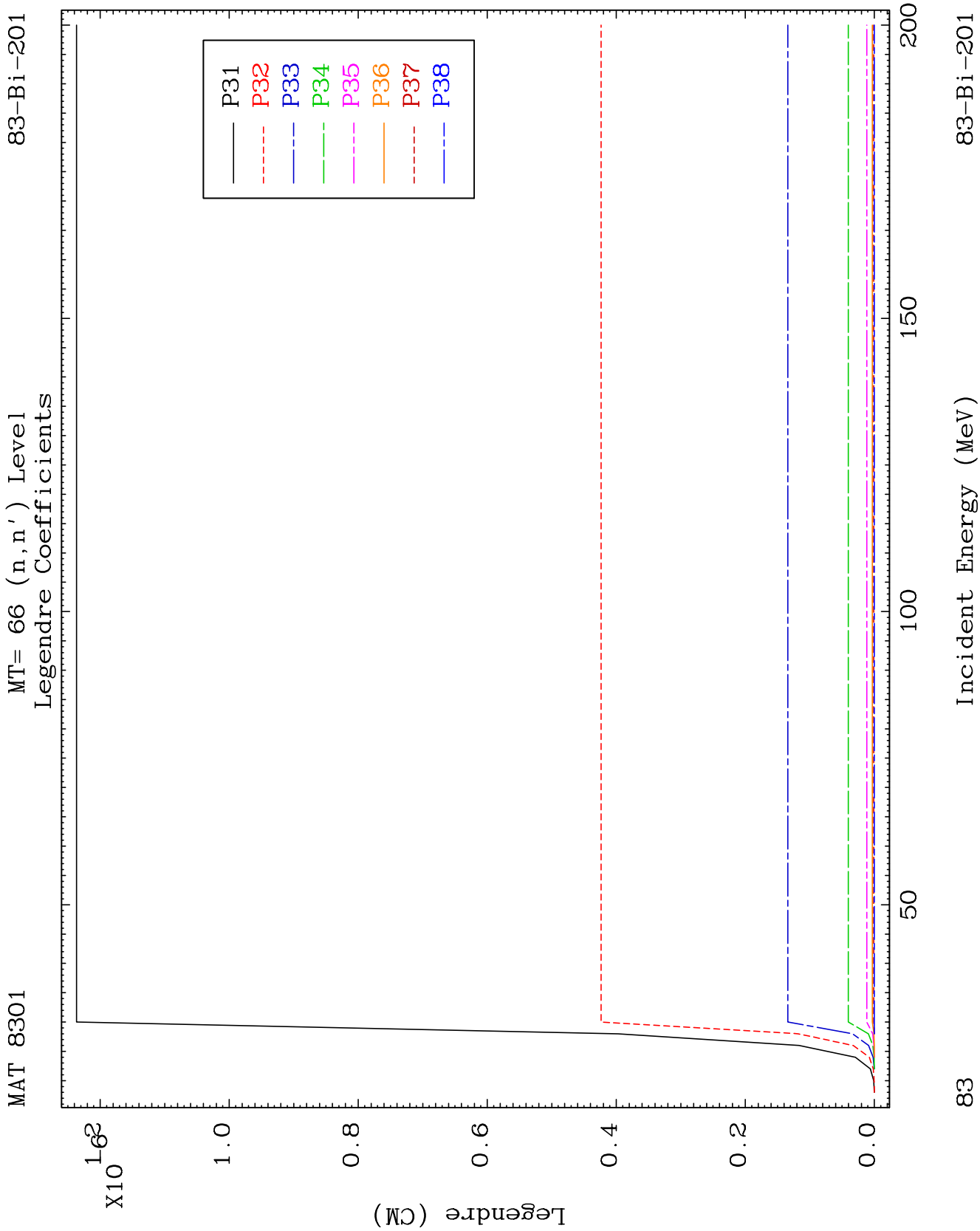


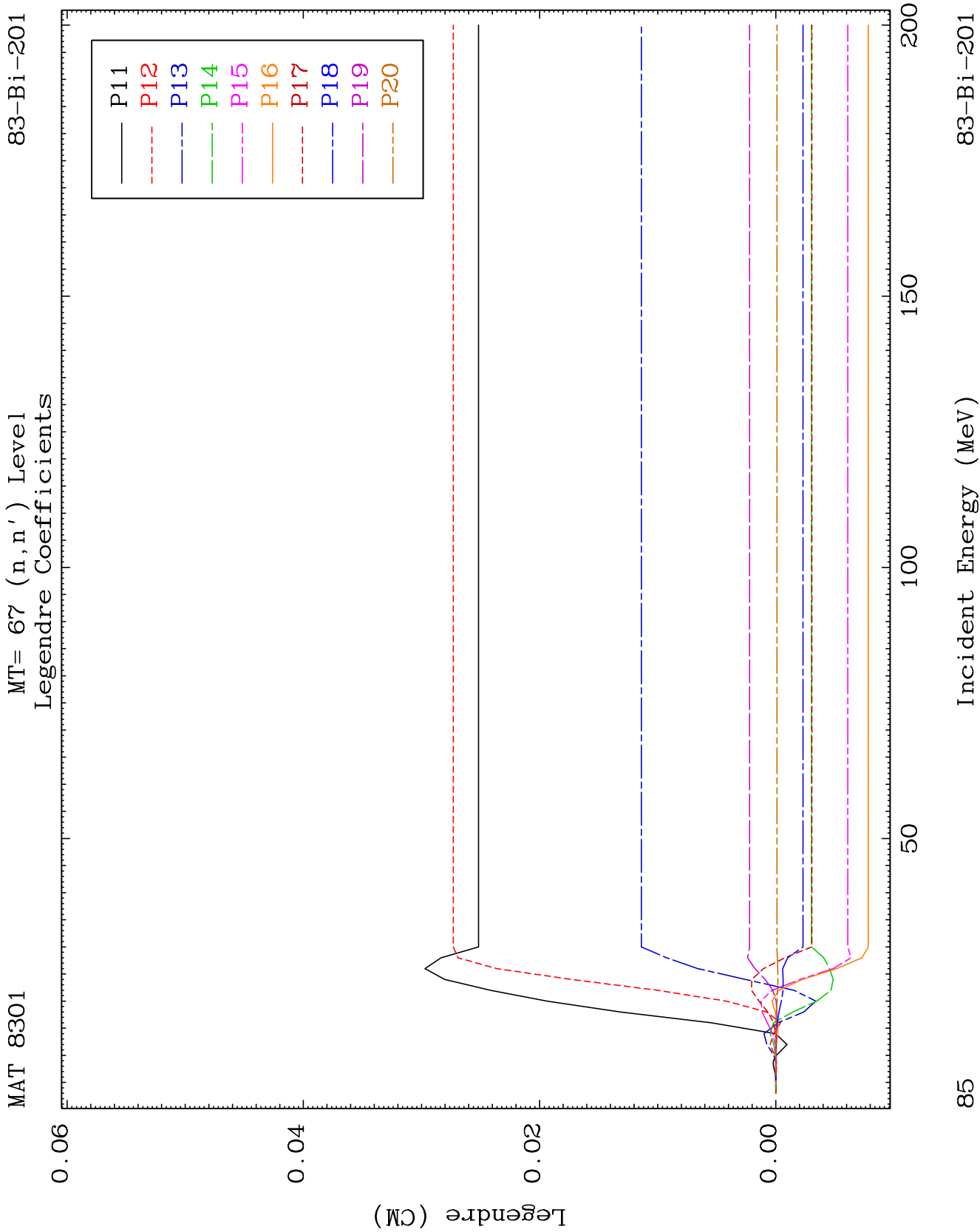








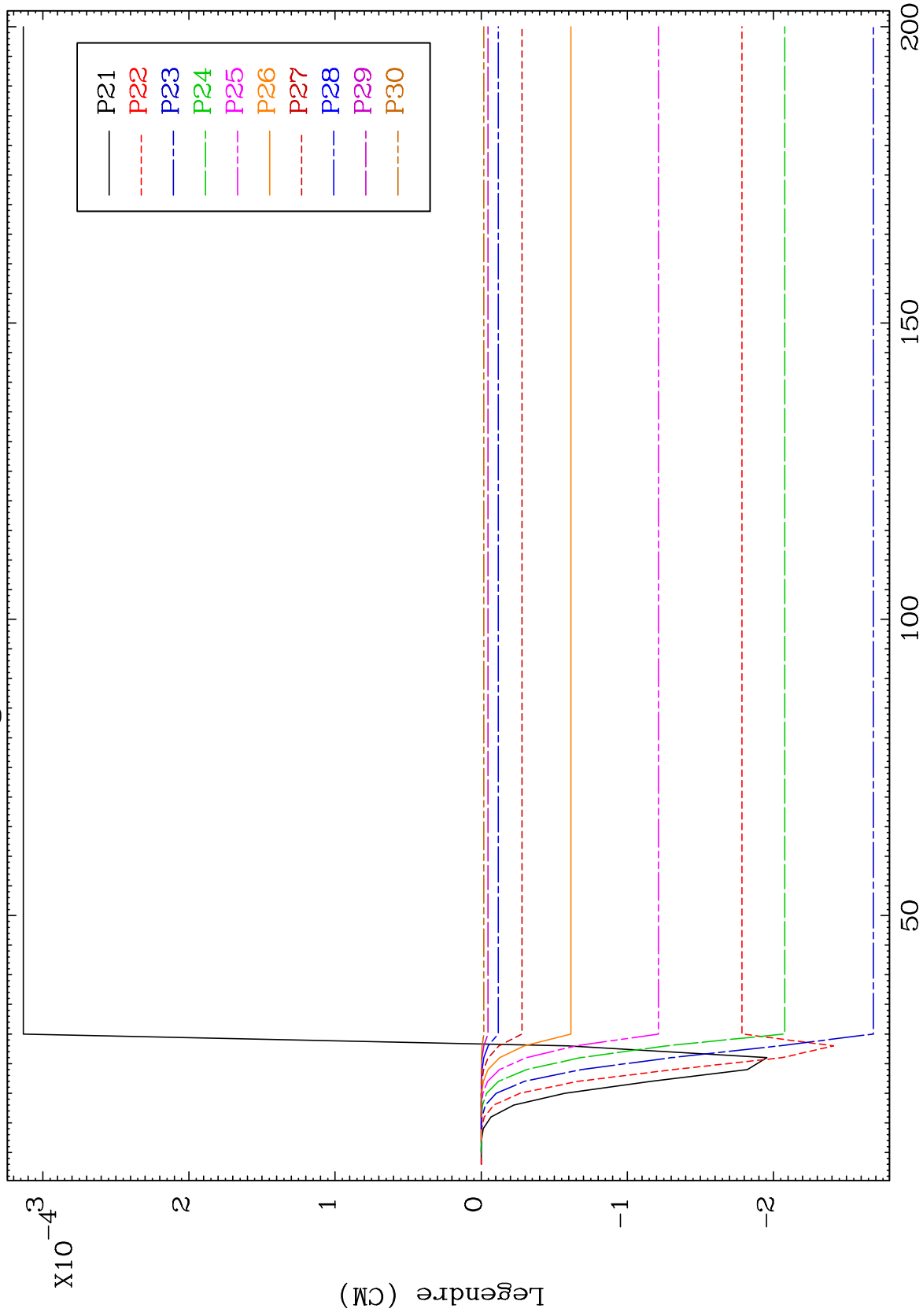




MAT 8301

MT= 67 (n,n') Level
Legendre Coefficients

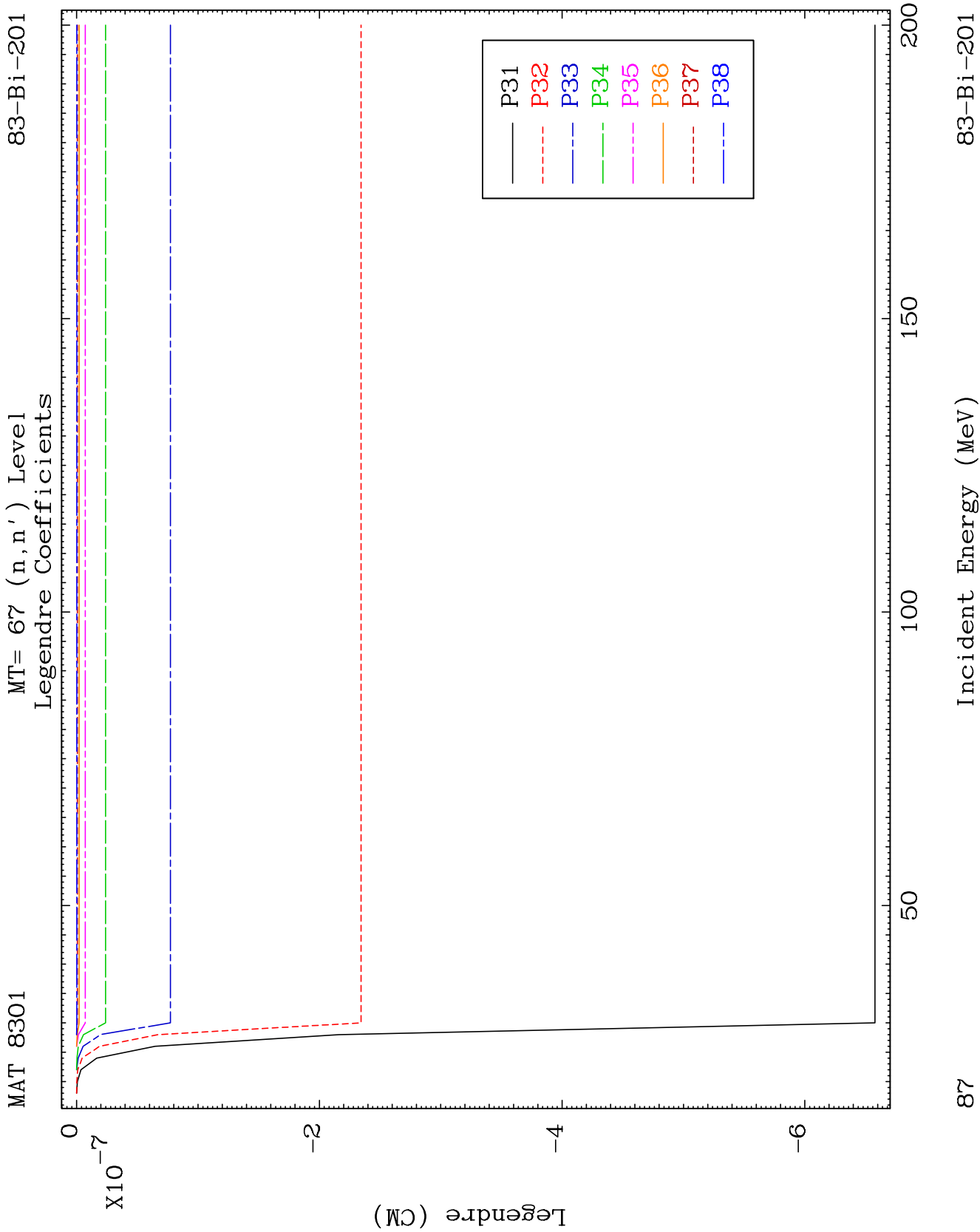
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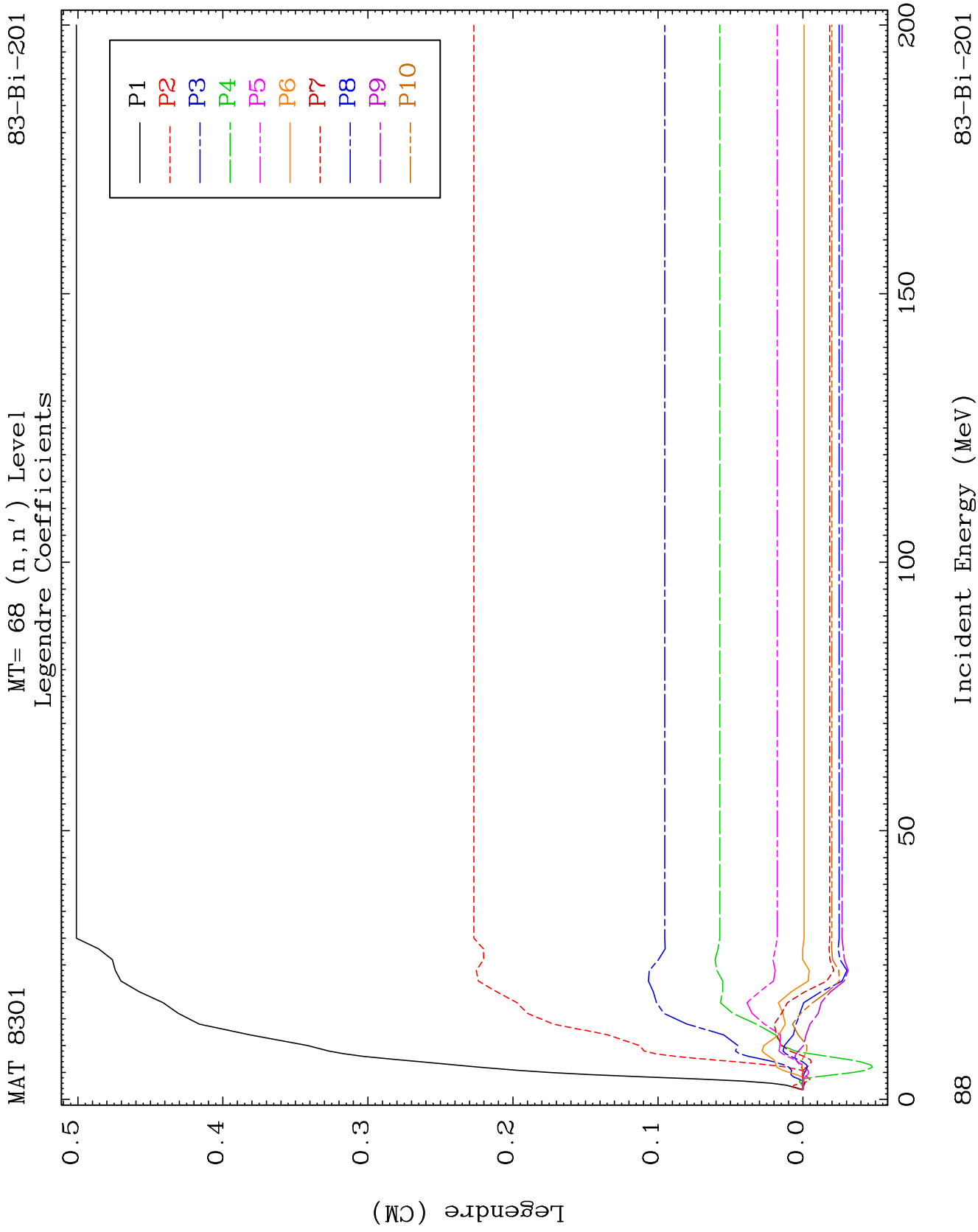


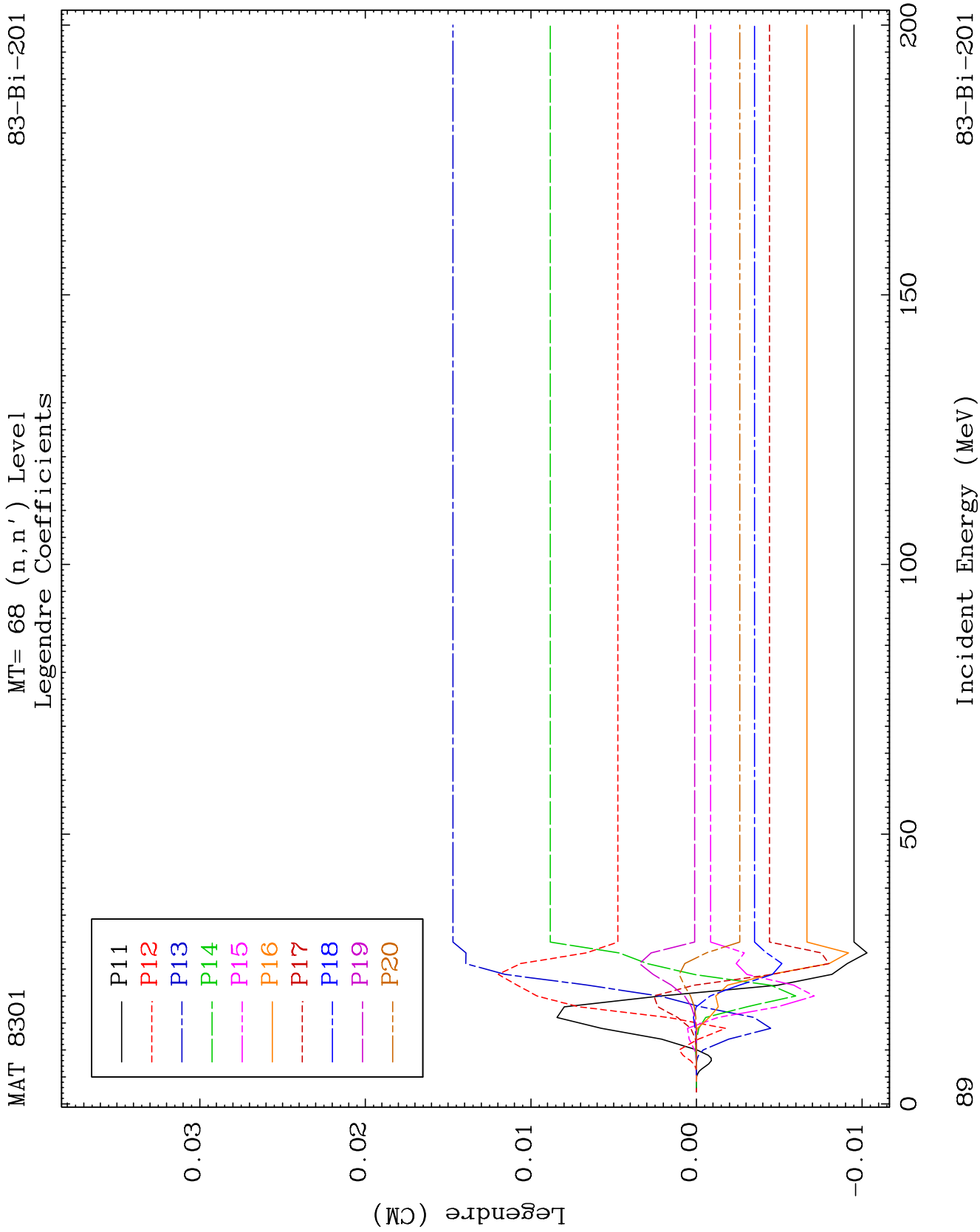
86

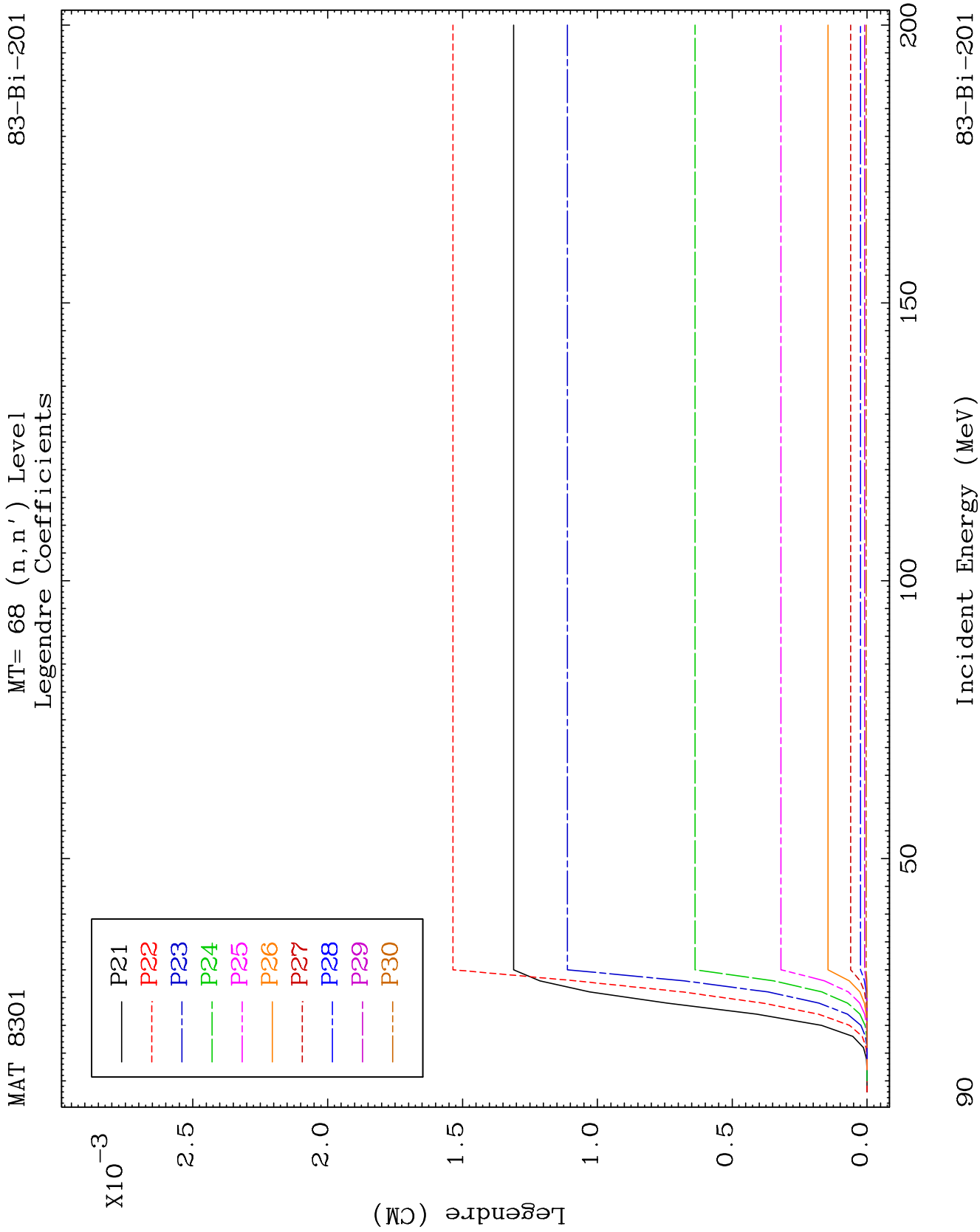
Incident Energy (MeV)

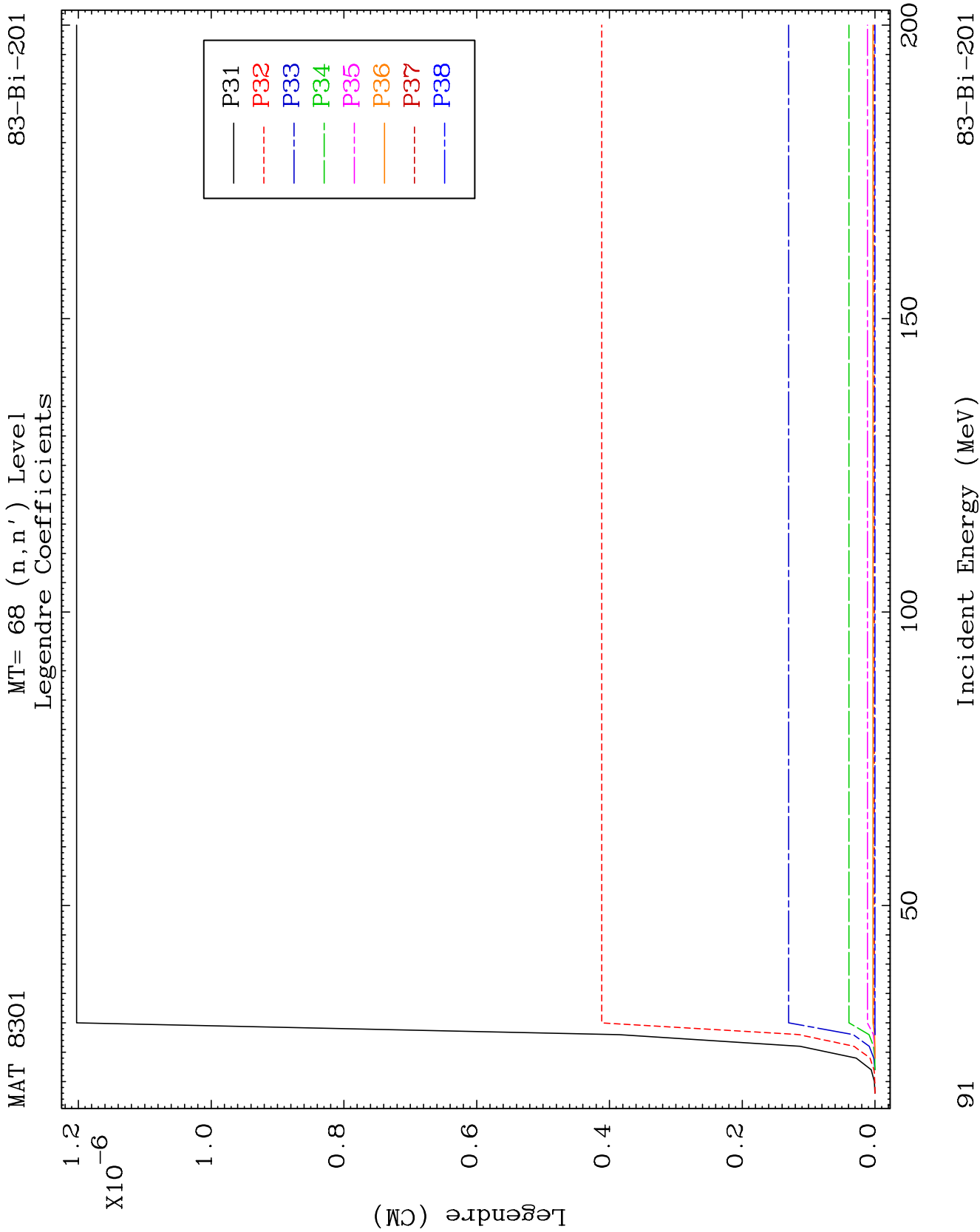
83-Bi-201







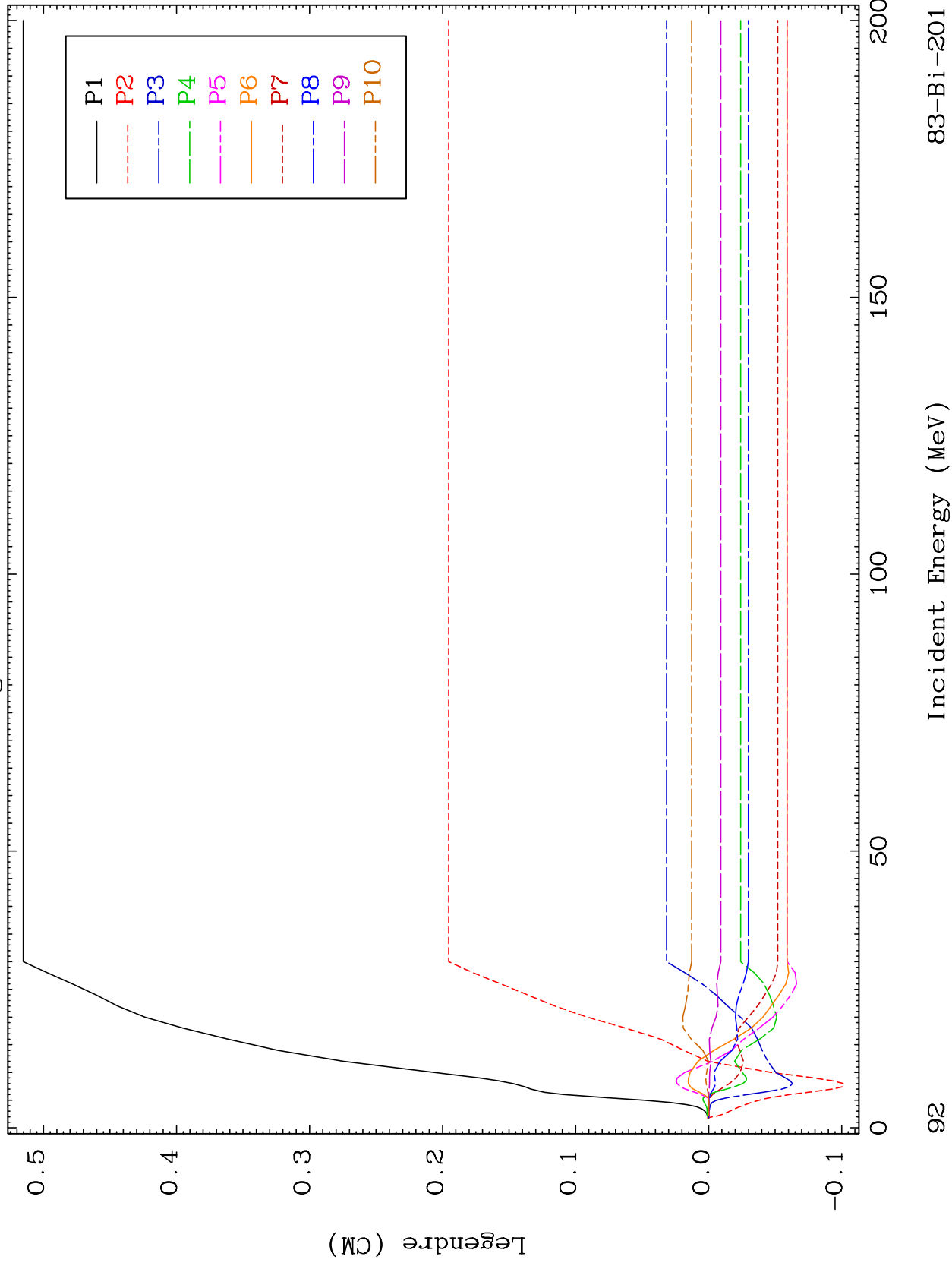


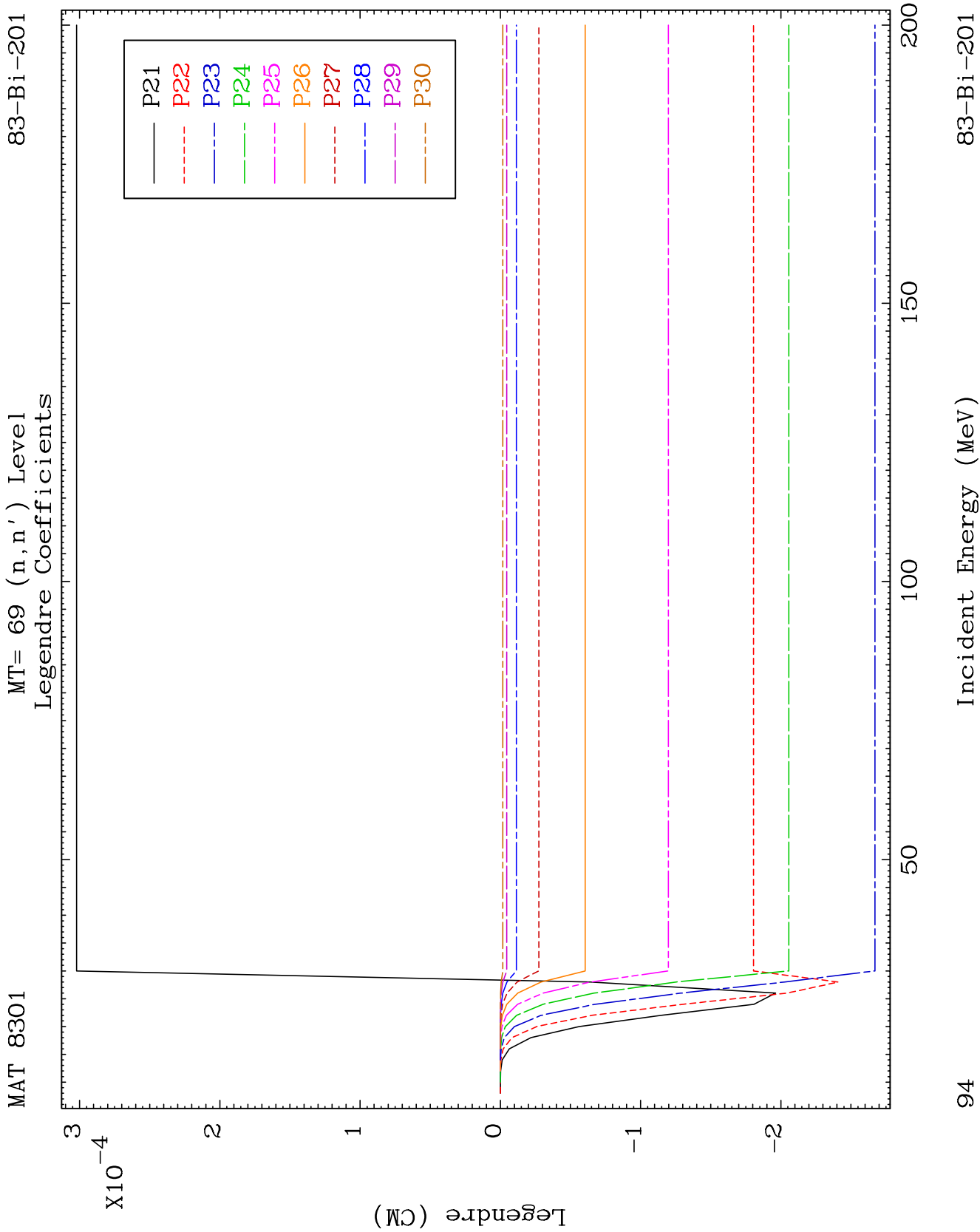


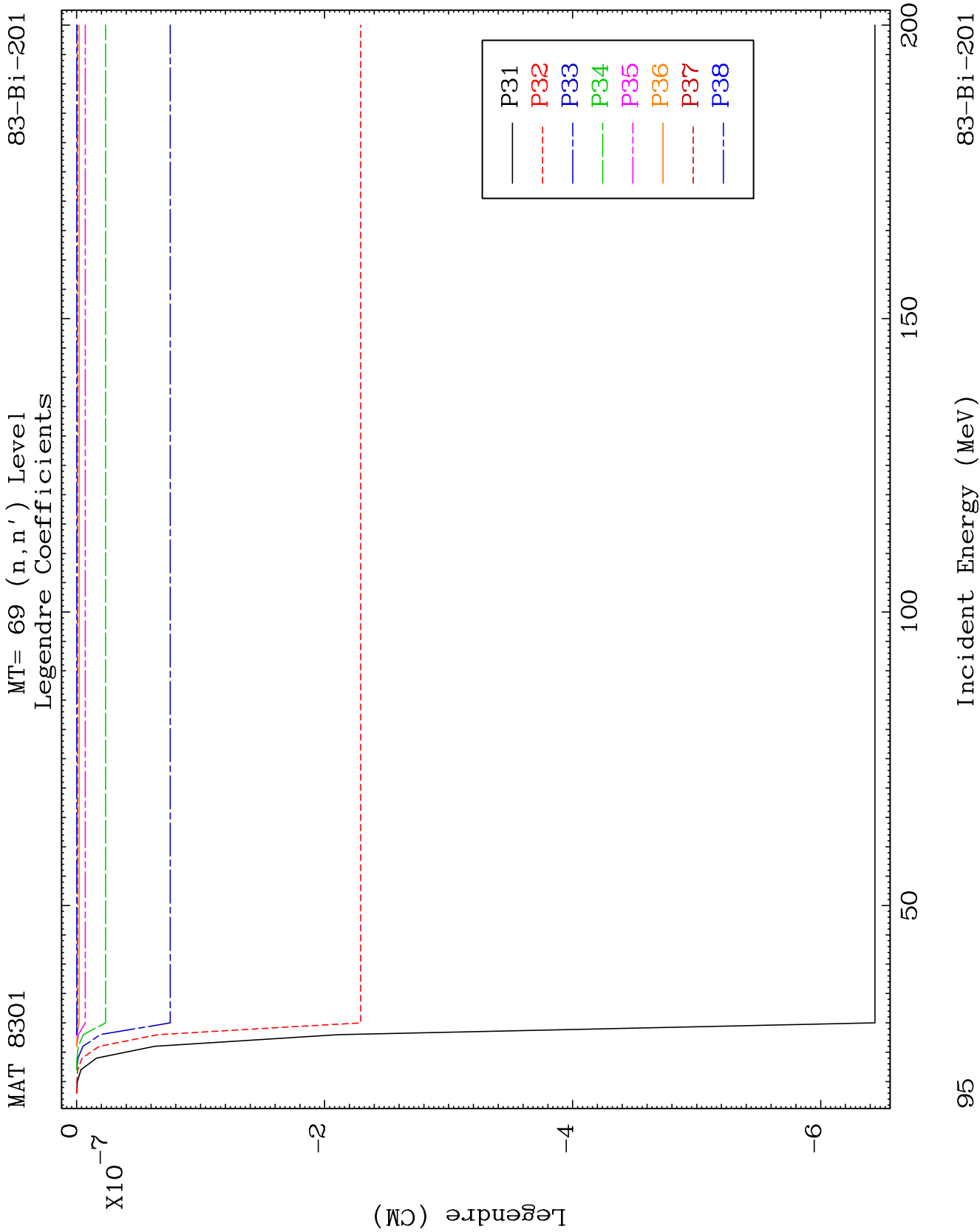
MAT 8301

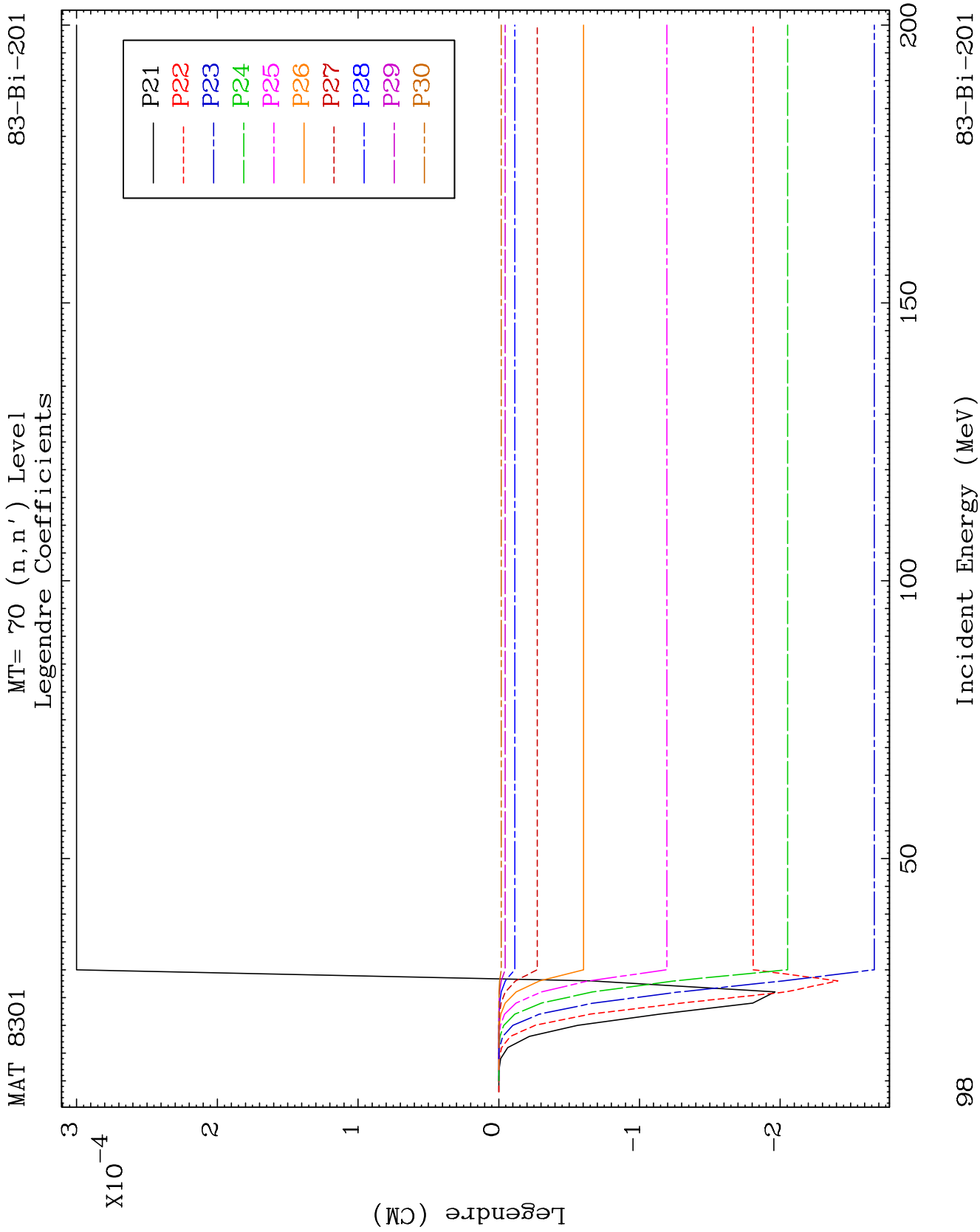
MT= 69 (n, n') Level
Legendre Coefficients

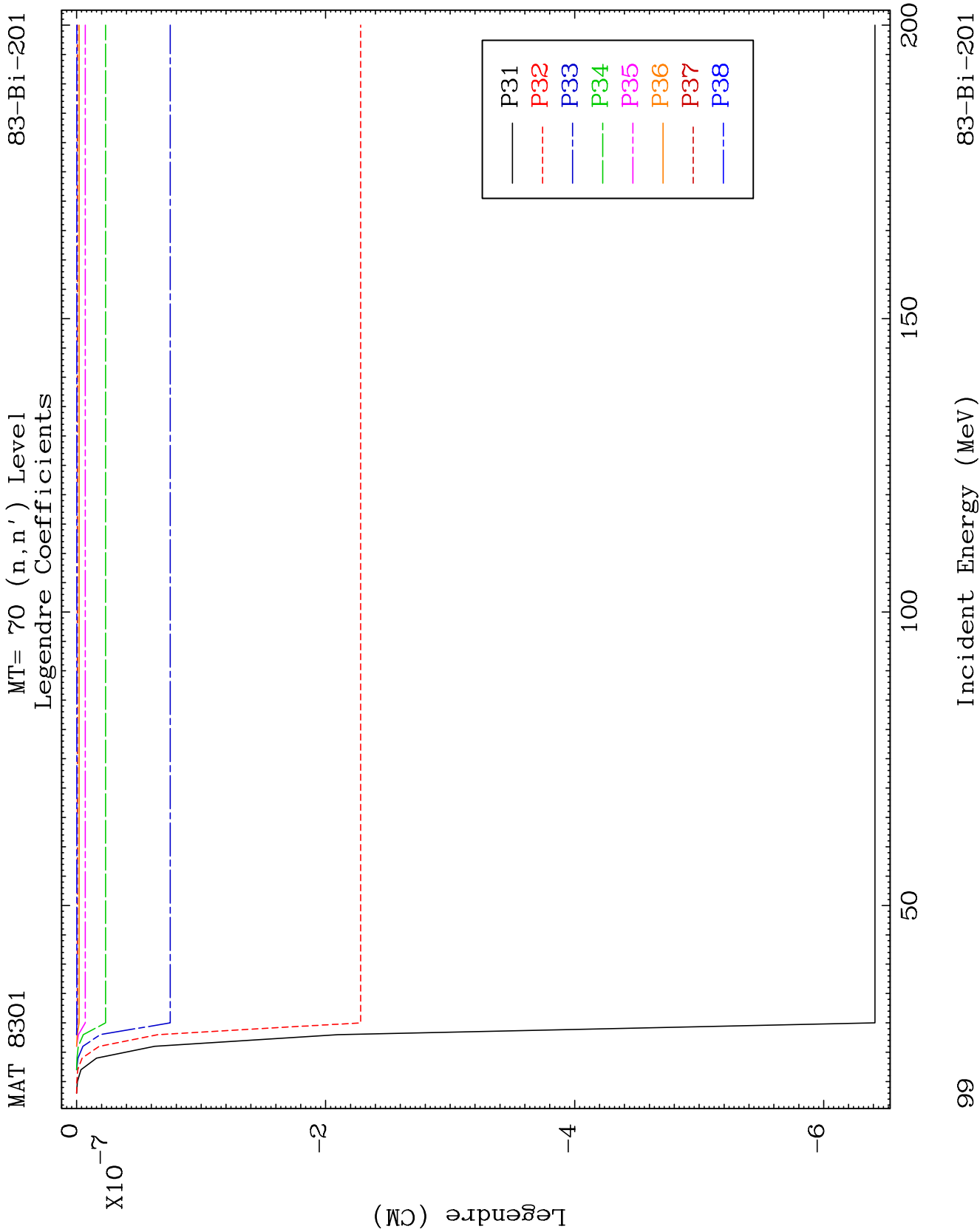
83-Bi-201







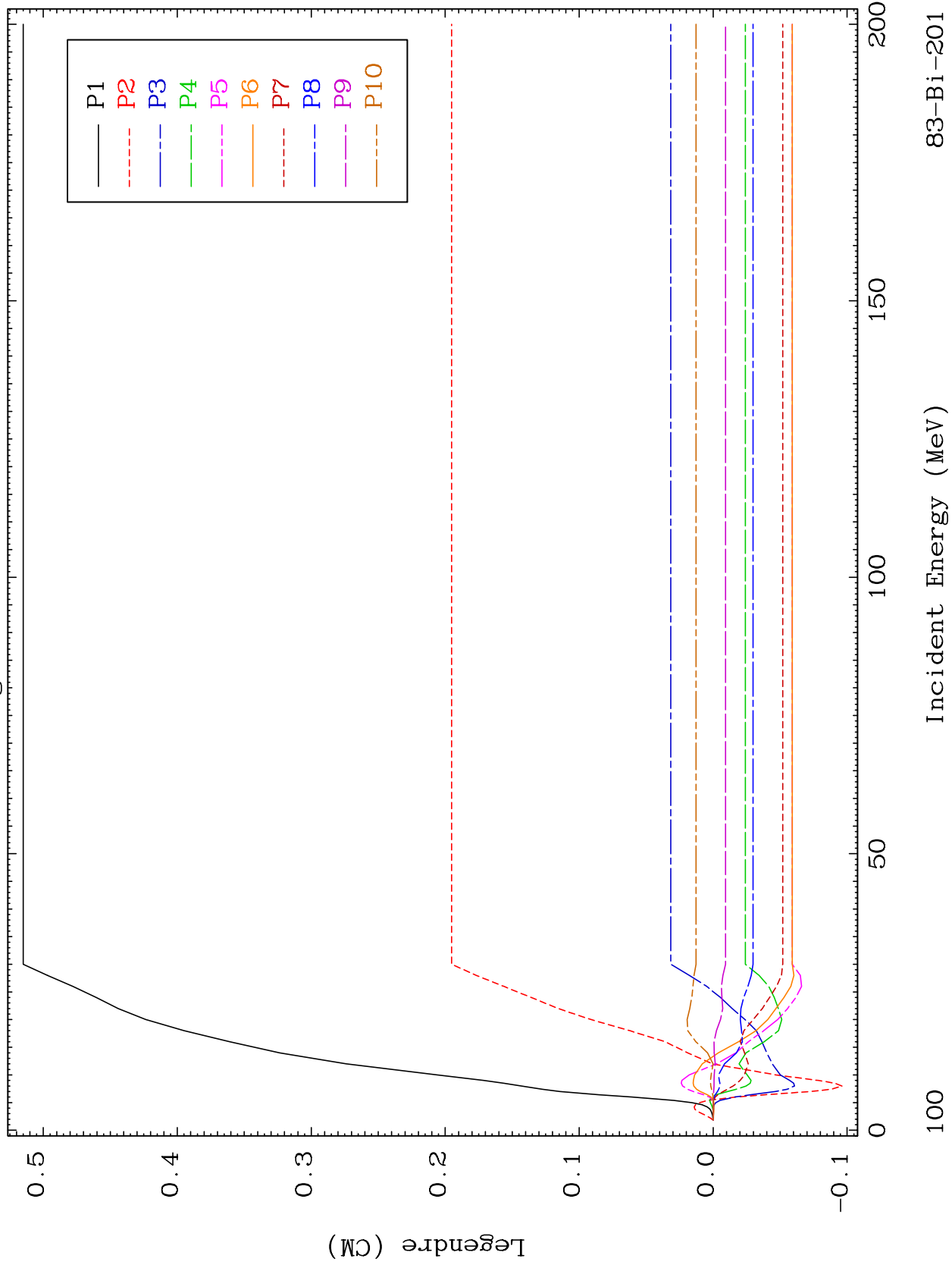




MAT 8301

MT= 71 (n, n') Level
Legendre Coefficients

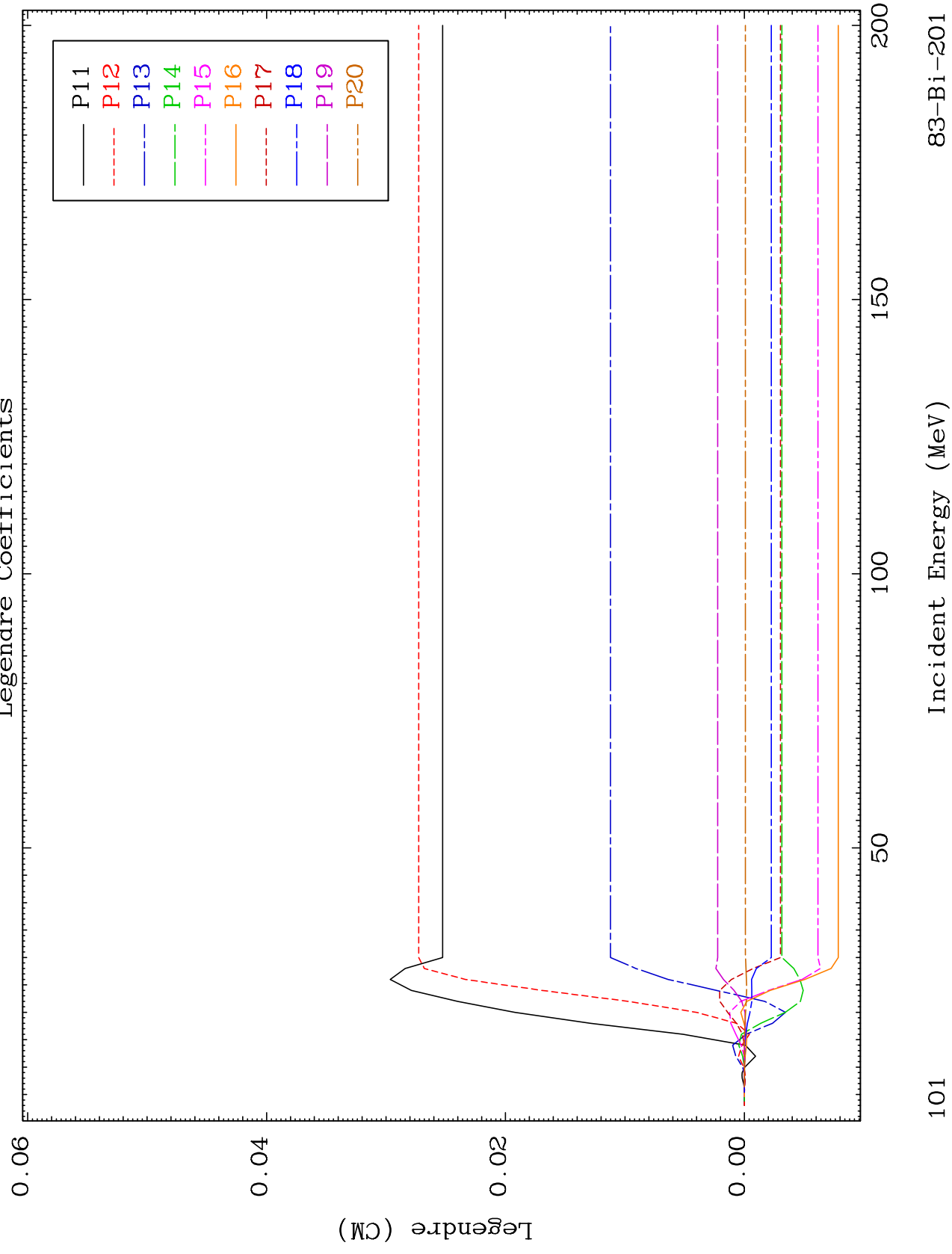
83-Bi-201



MAT 8301

MT= 71 (n, n') Level
Legendre Coefficients

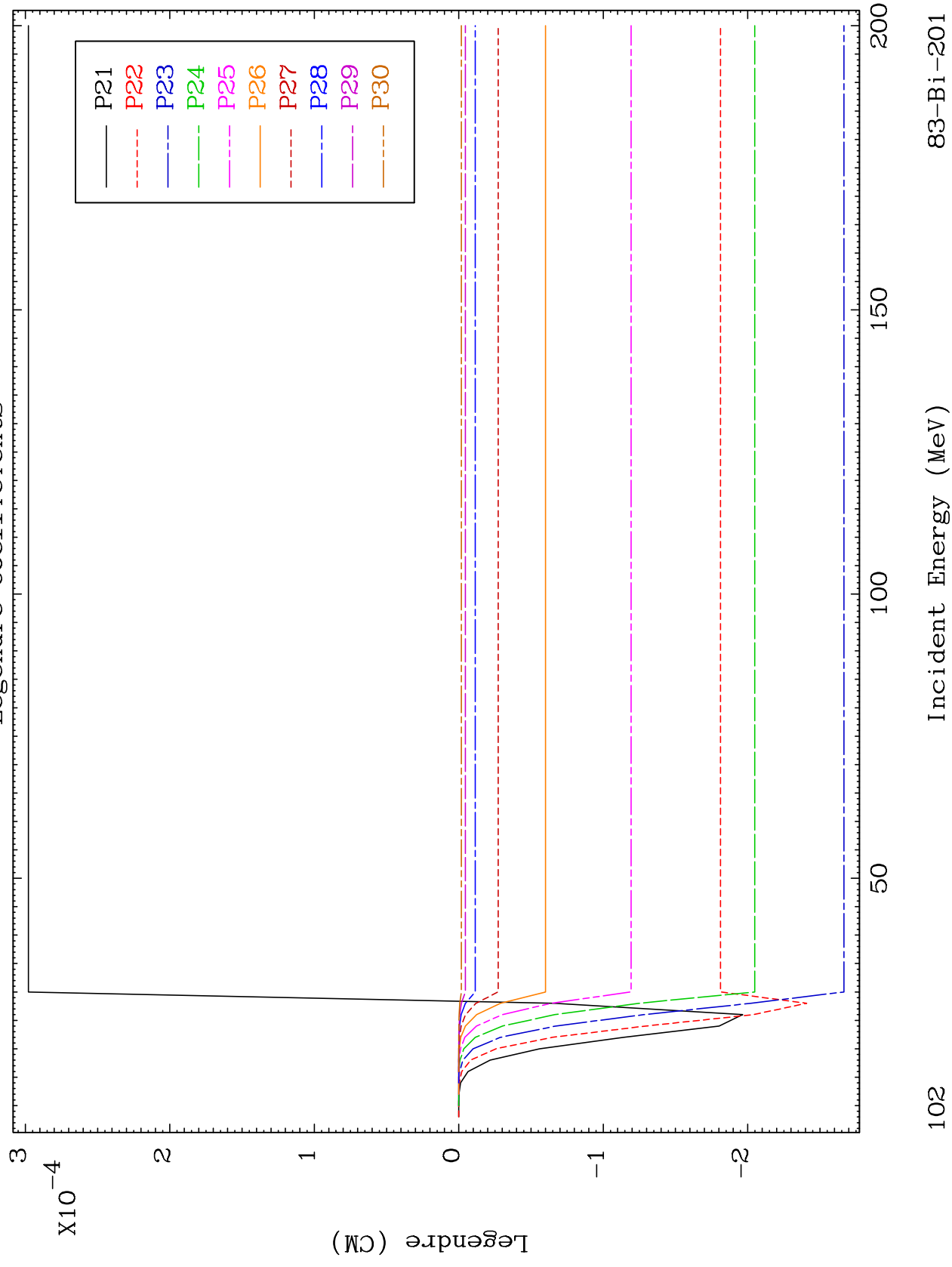
83-Bi-201

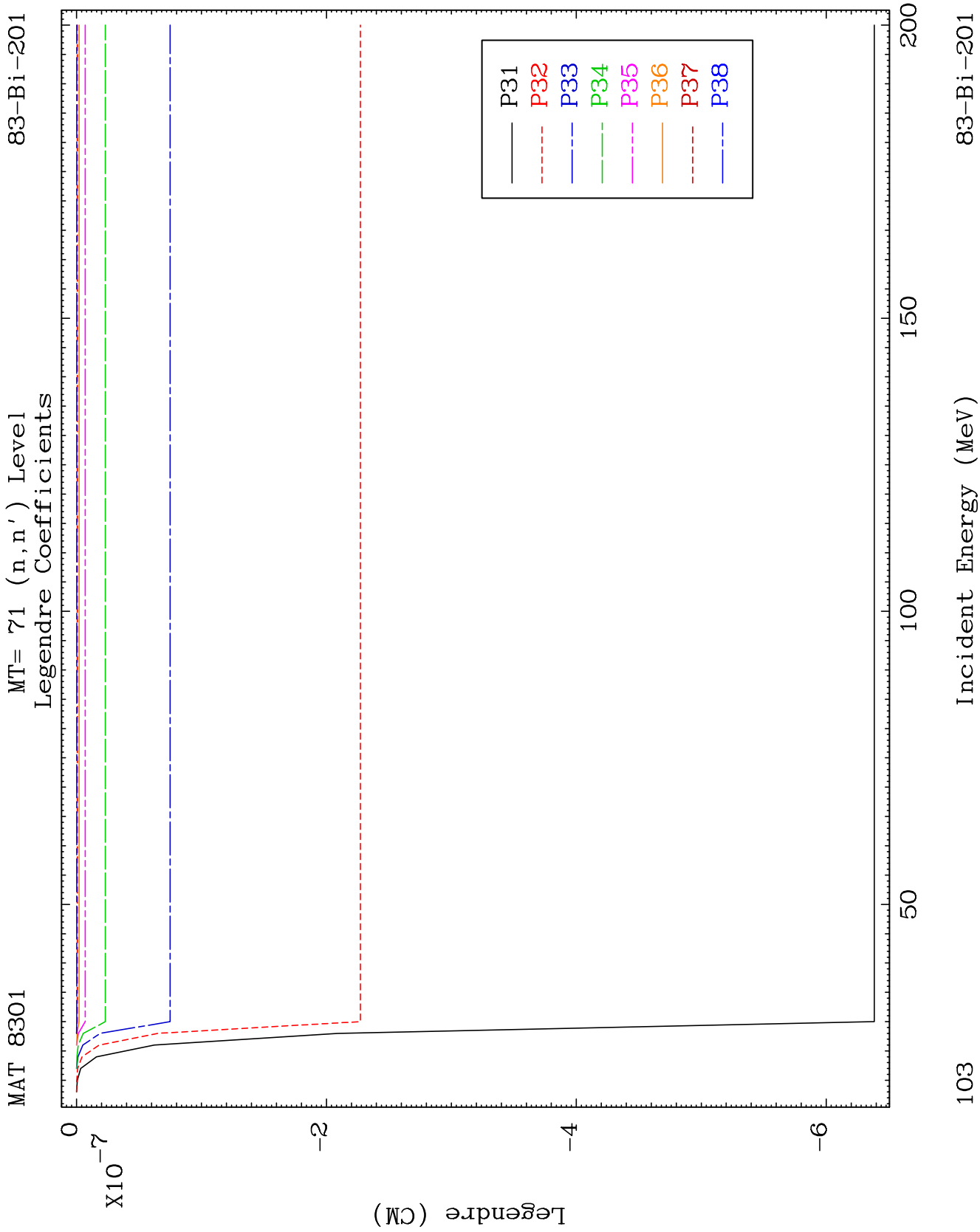


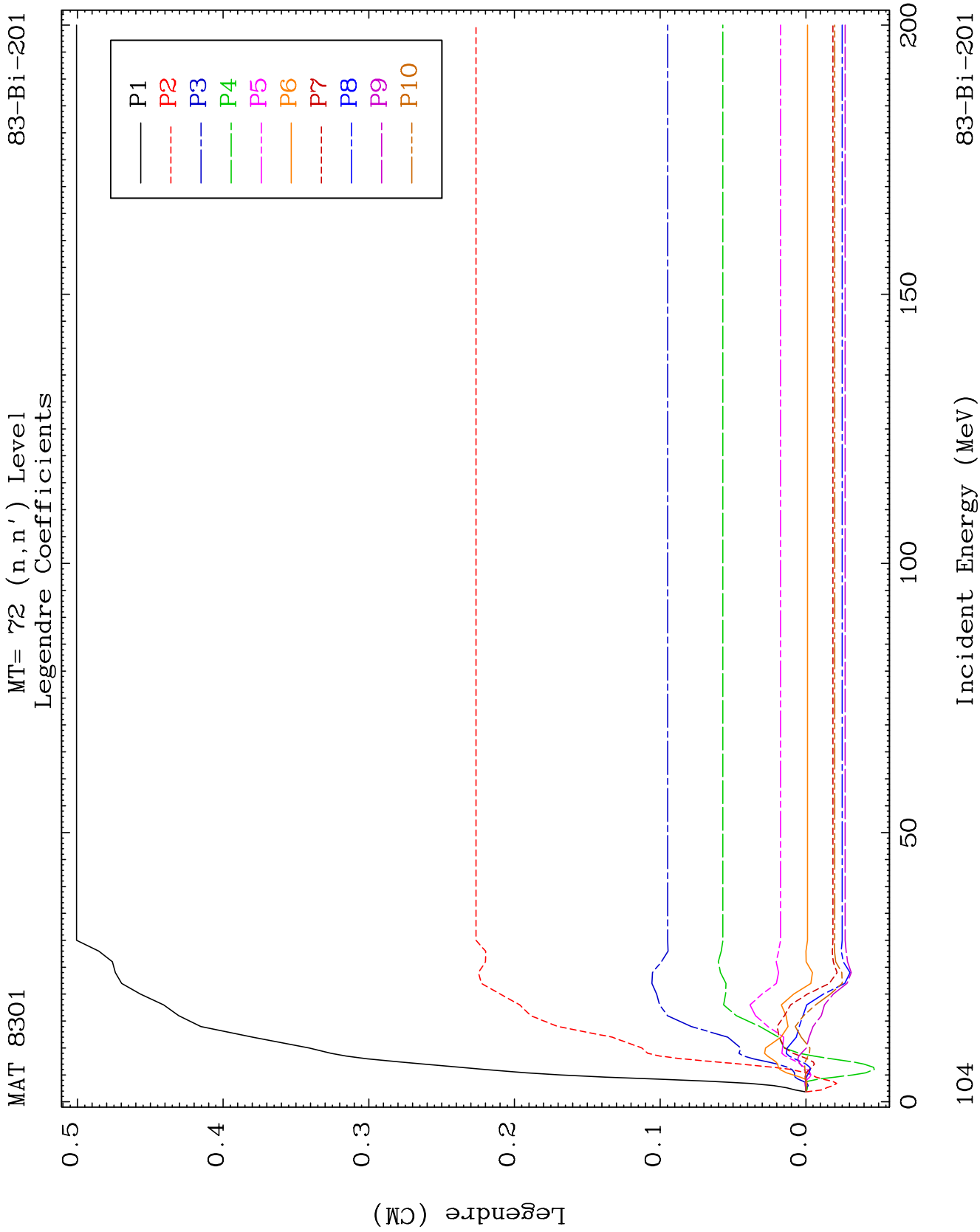
MAT 8301

MT= 71 (n, n') Level
Legendre Coefficients

83-Bi-201



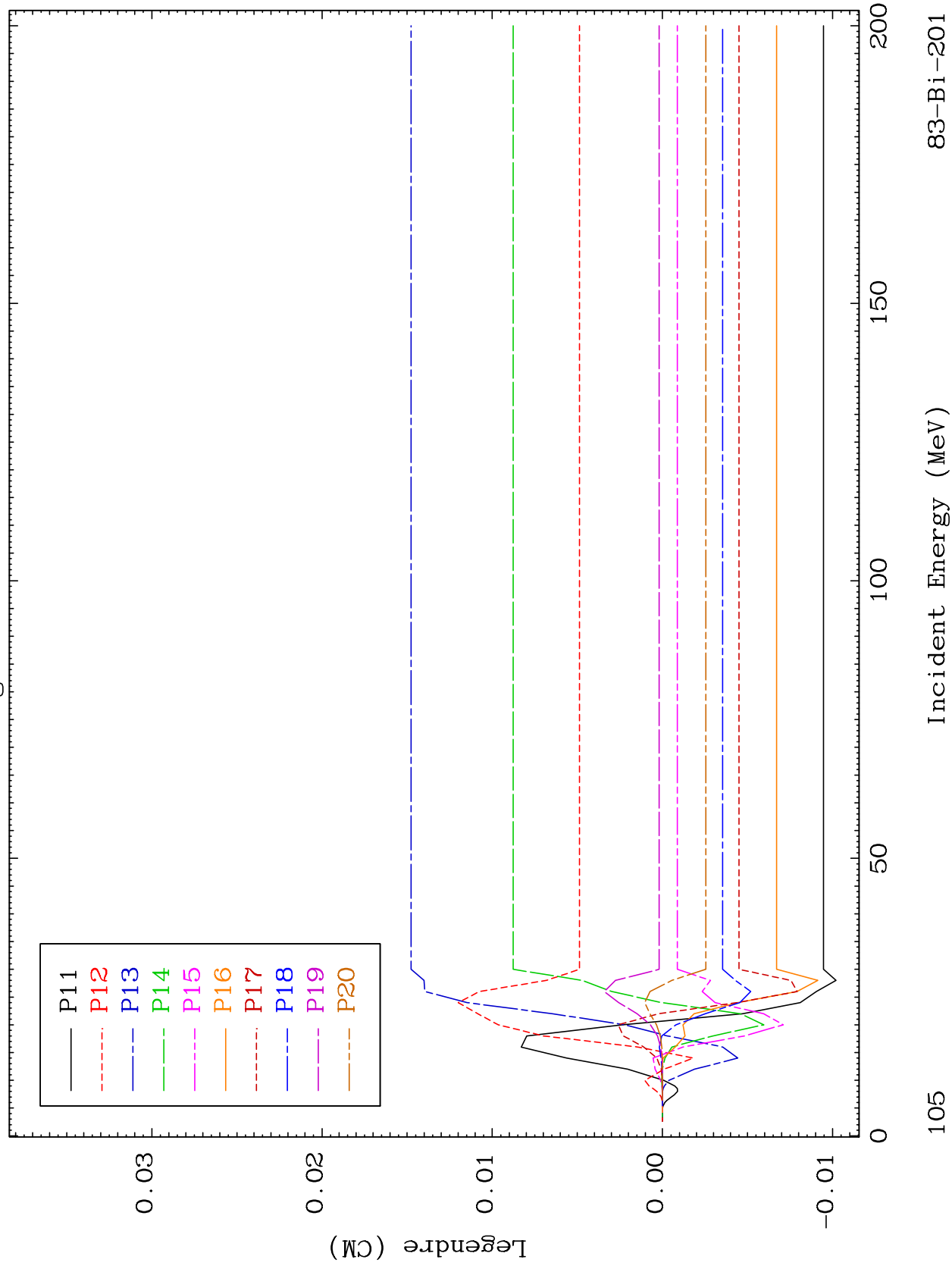


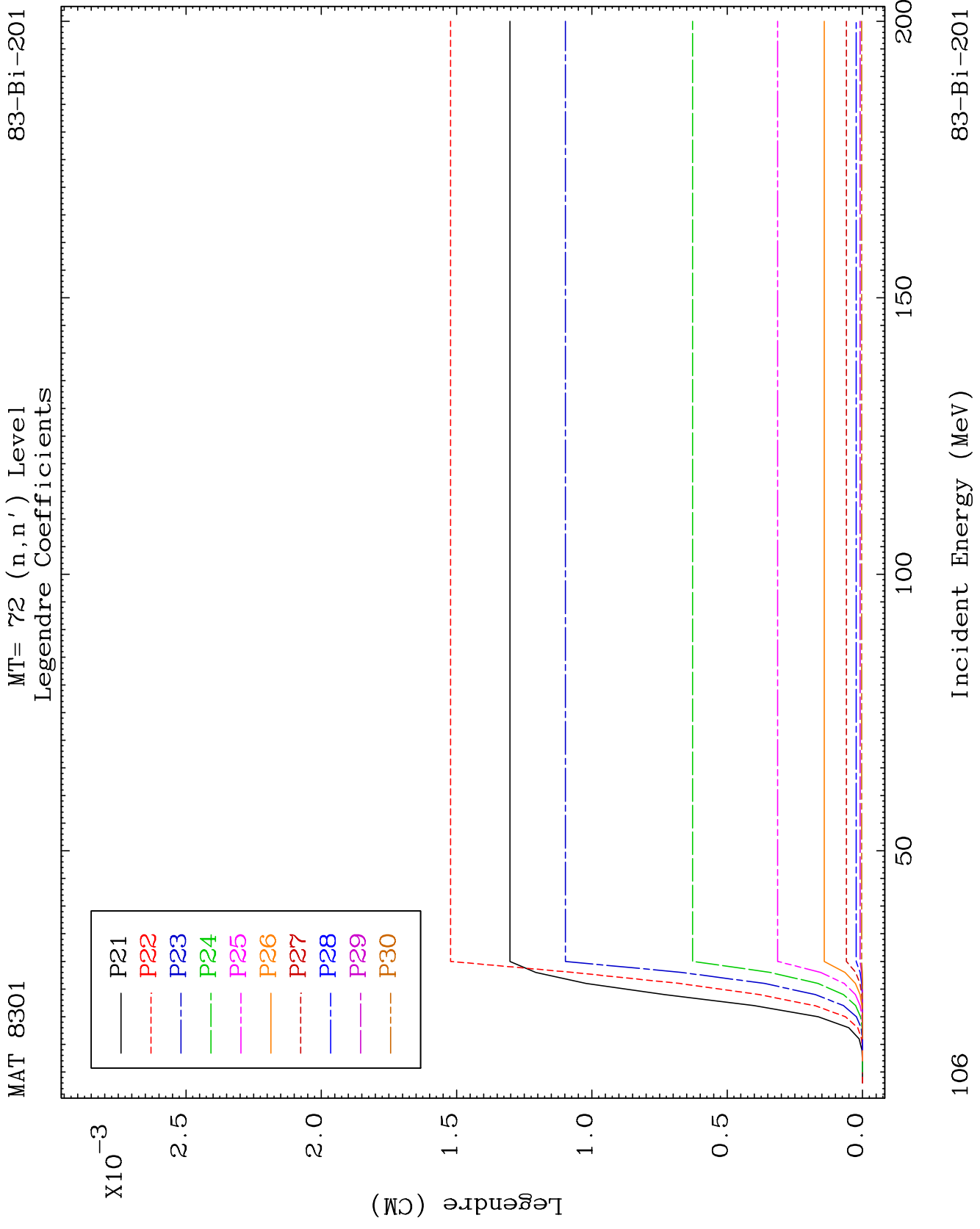


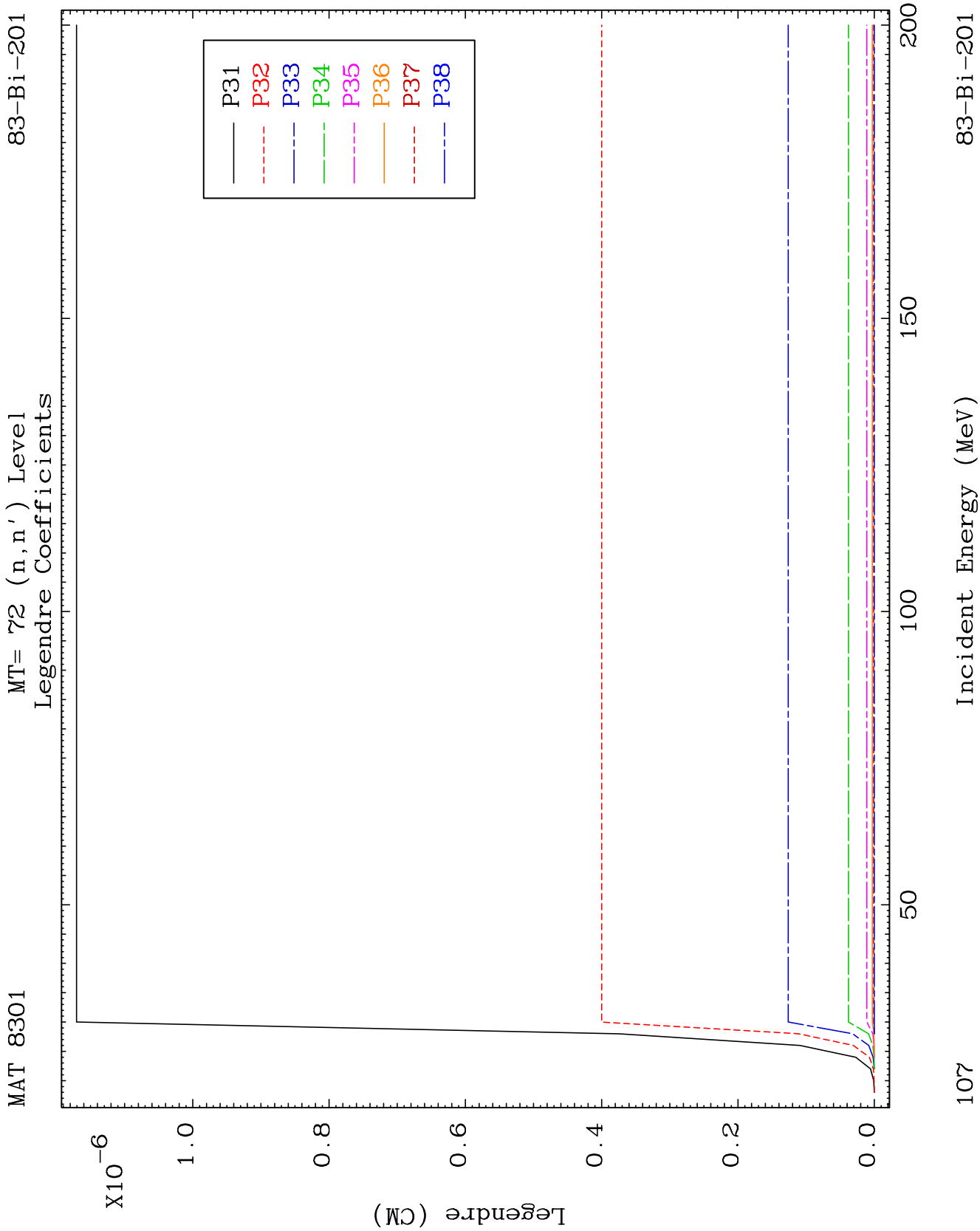
MAT 8301

MT= 72 (n, n') Level
Legendre Coefficients

83-Bi-201



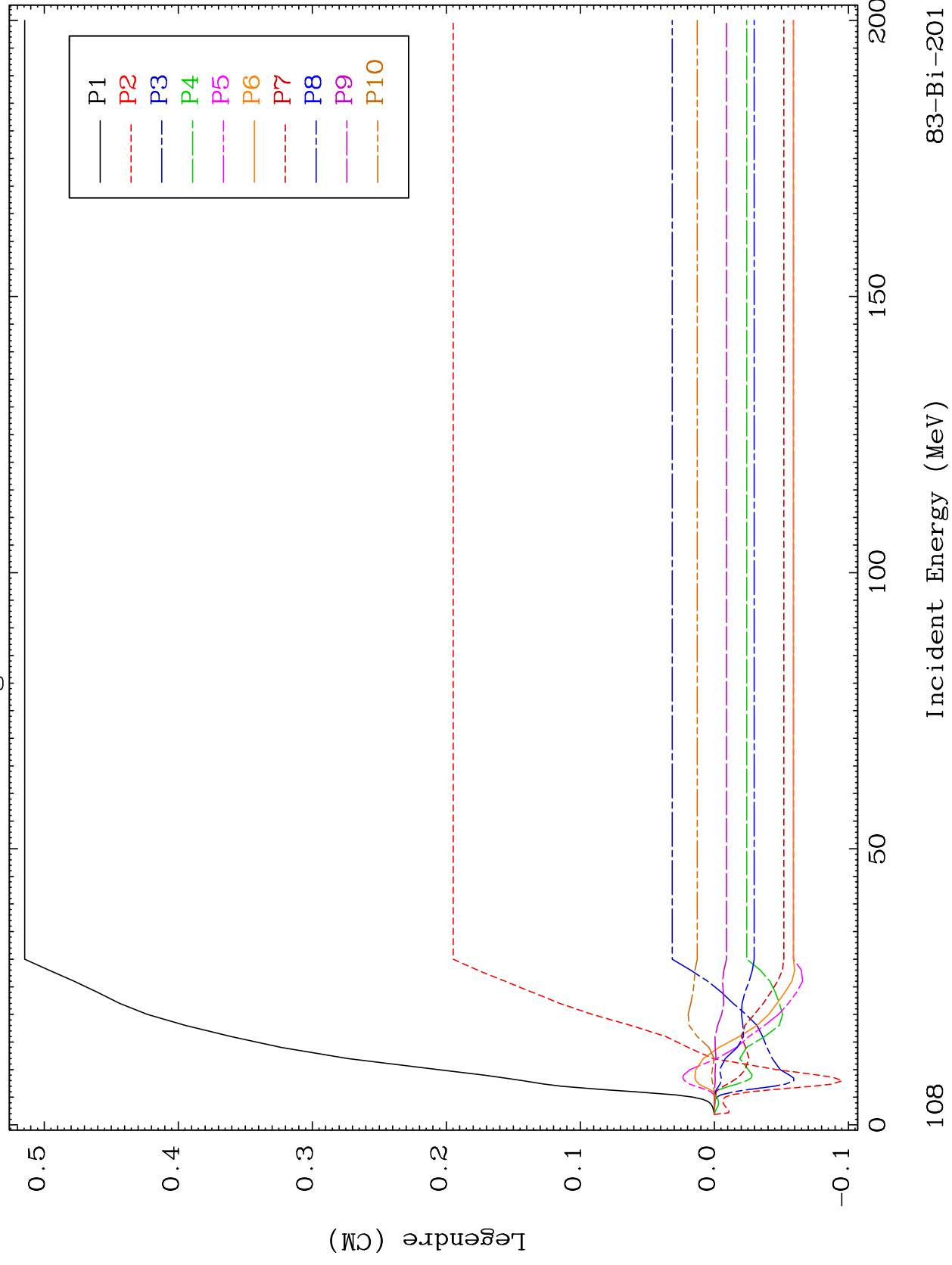


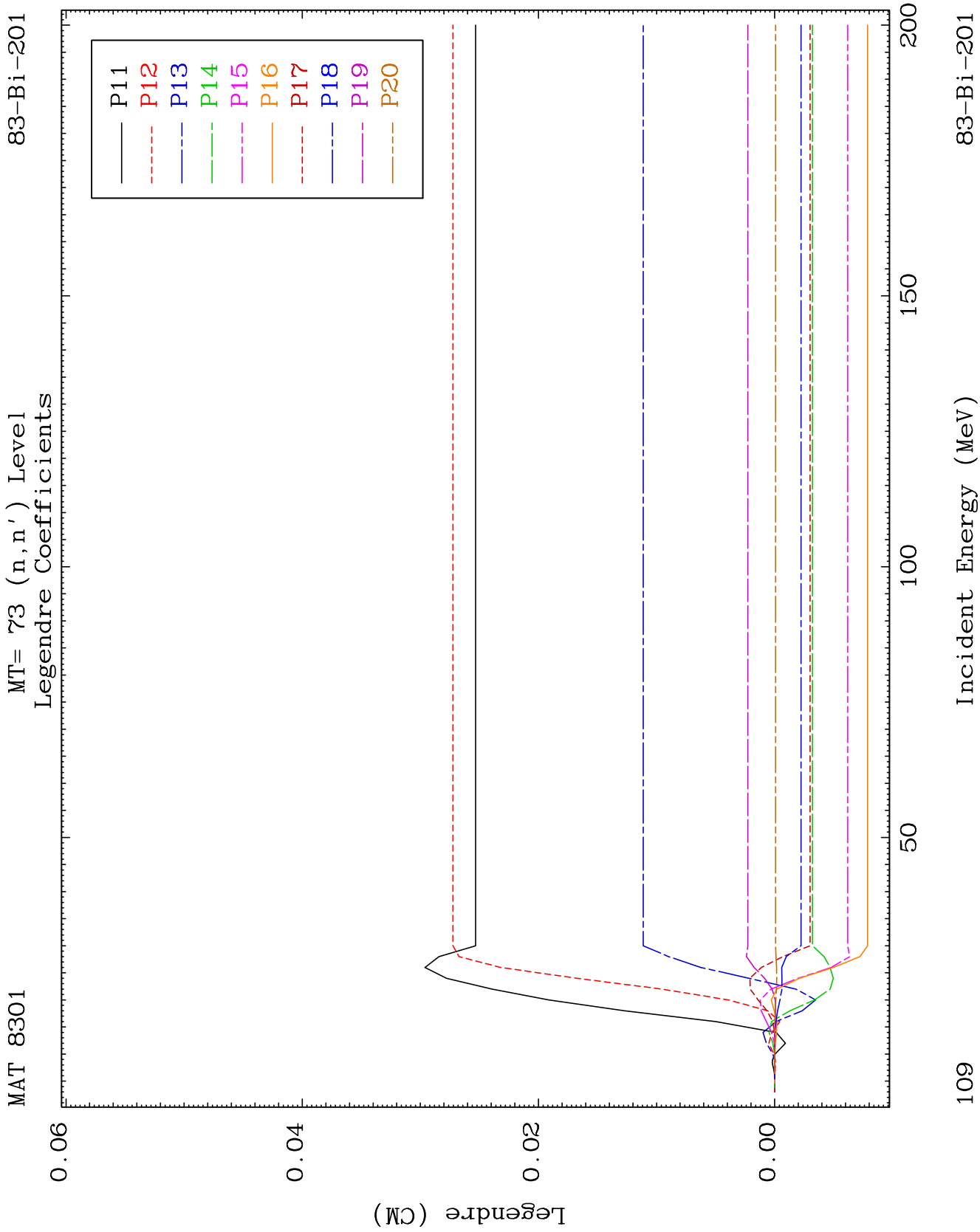


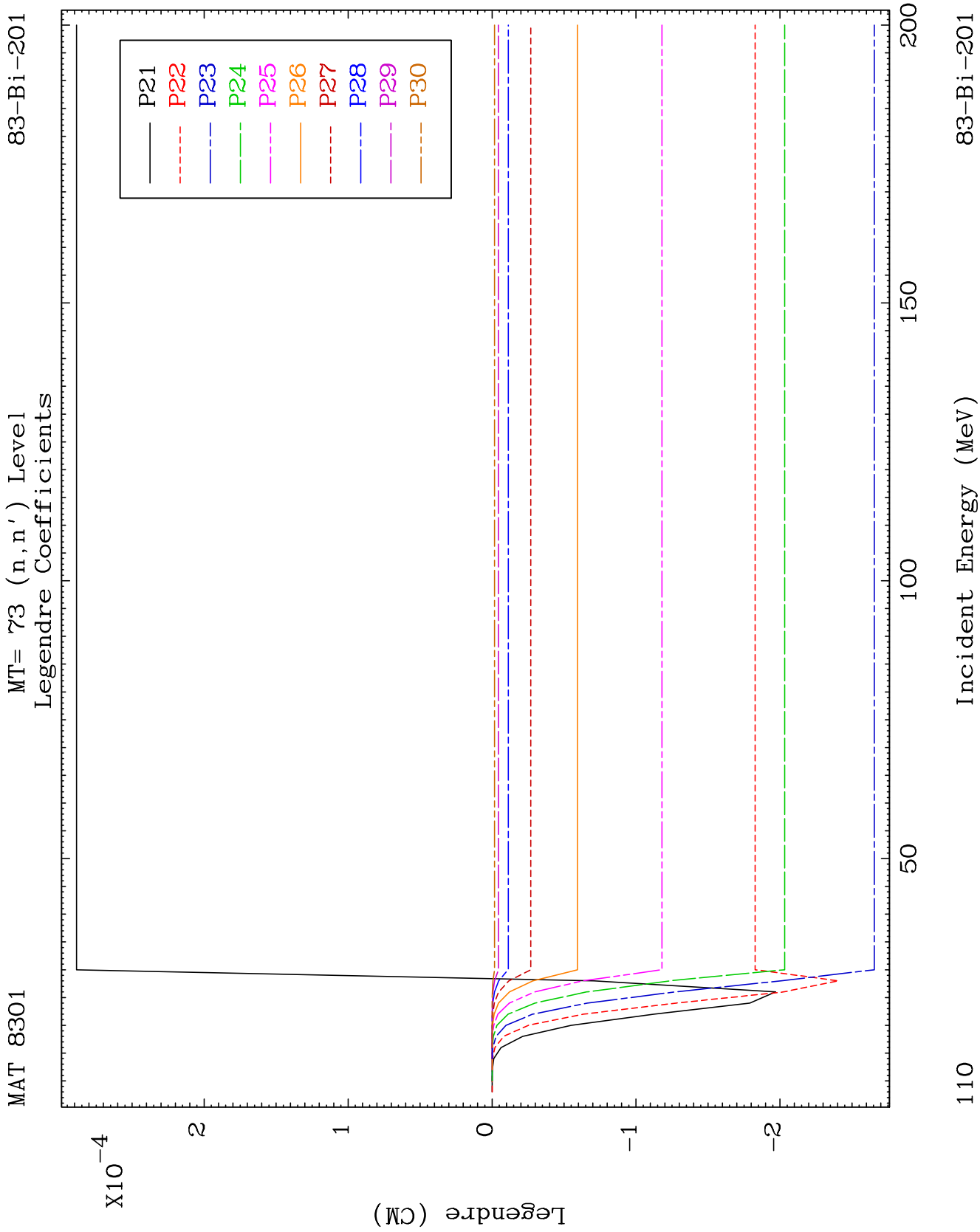
MAT 8301

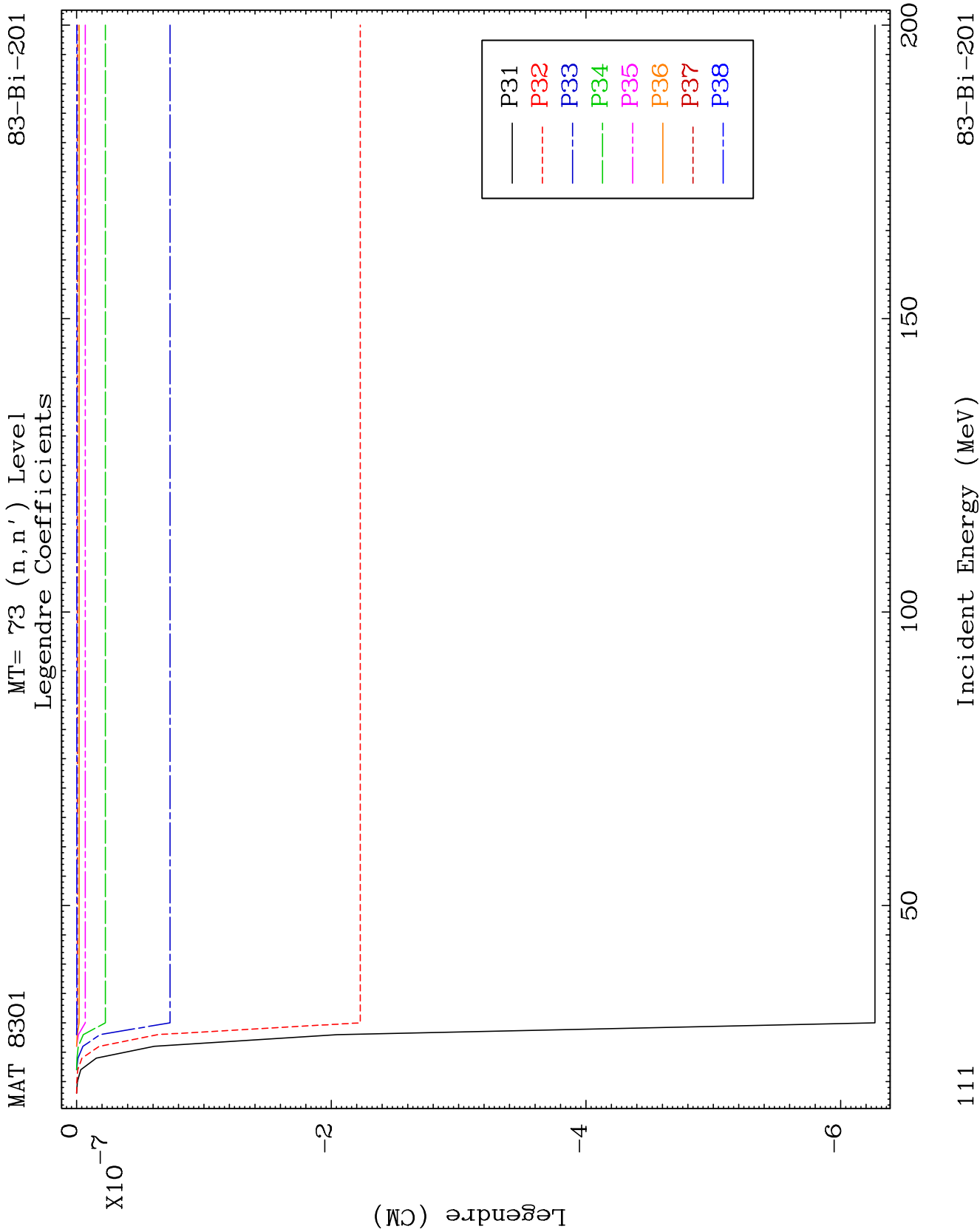
MT= 73 (n, n') Level
Legendre Coefficients

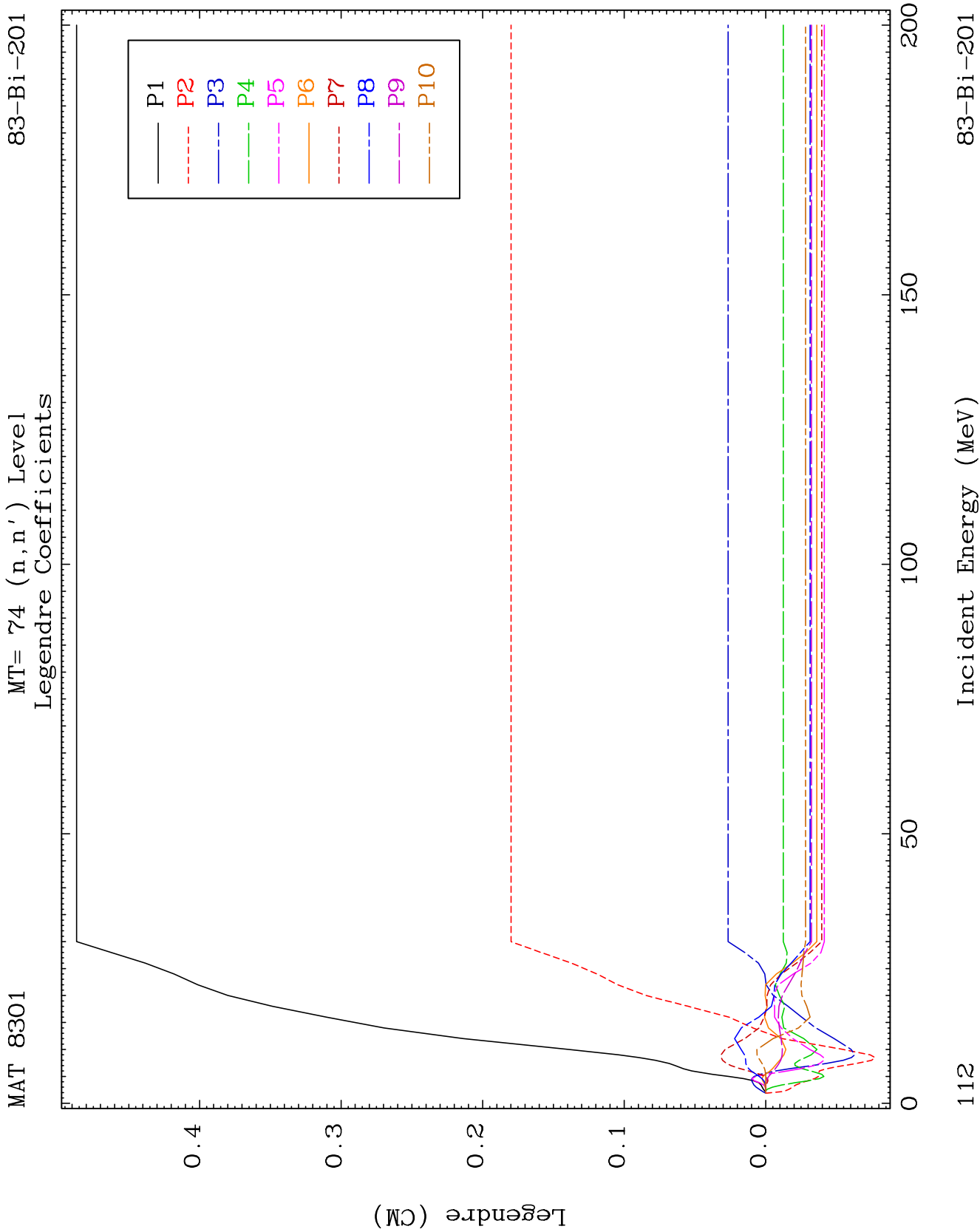
83-Bi-201







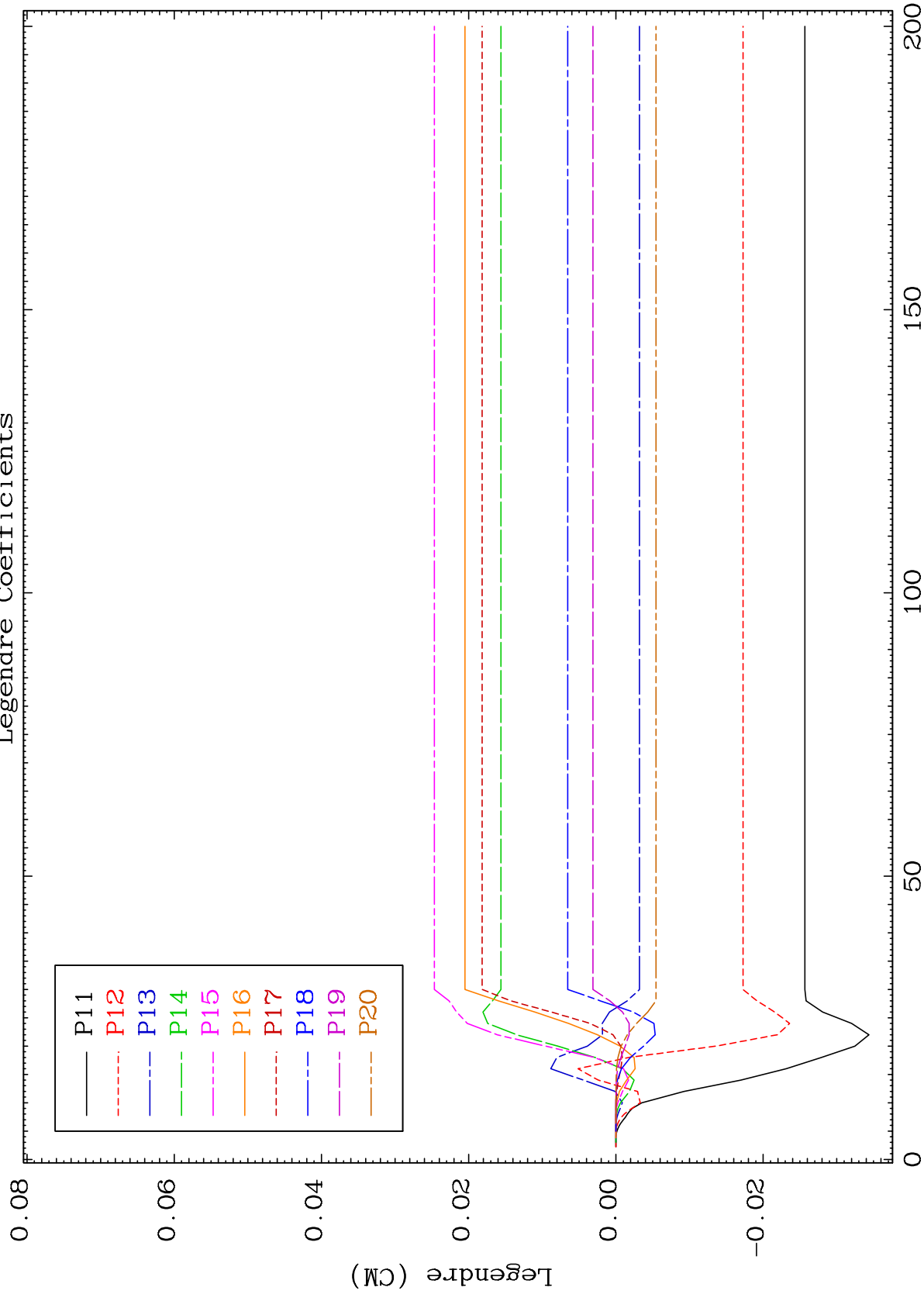




MAT 8301

MT= 74 (n, n') Level
Legendre Coefficients

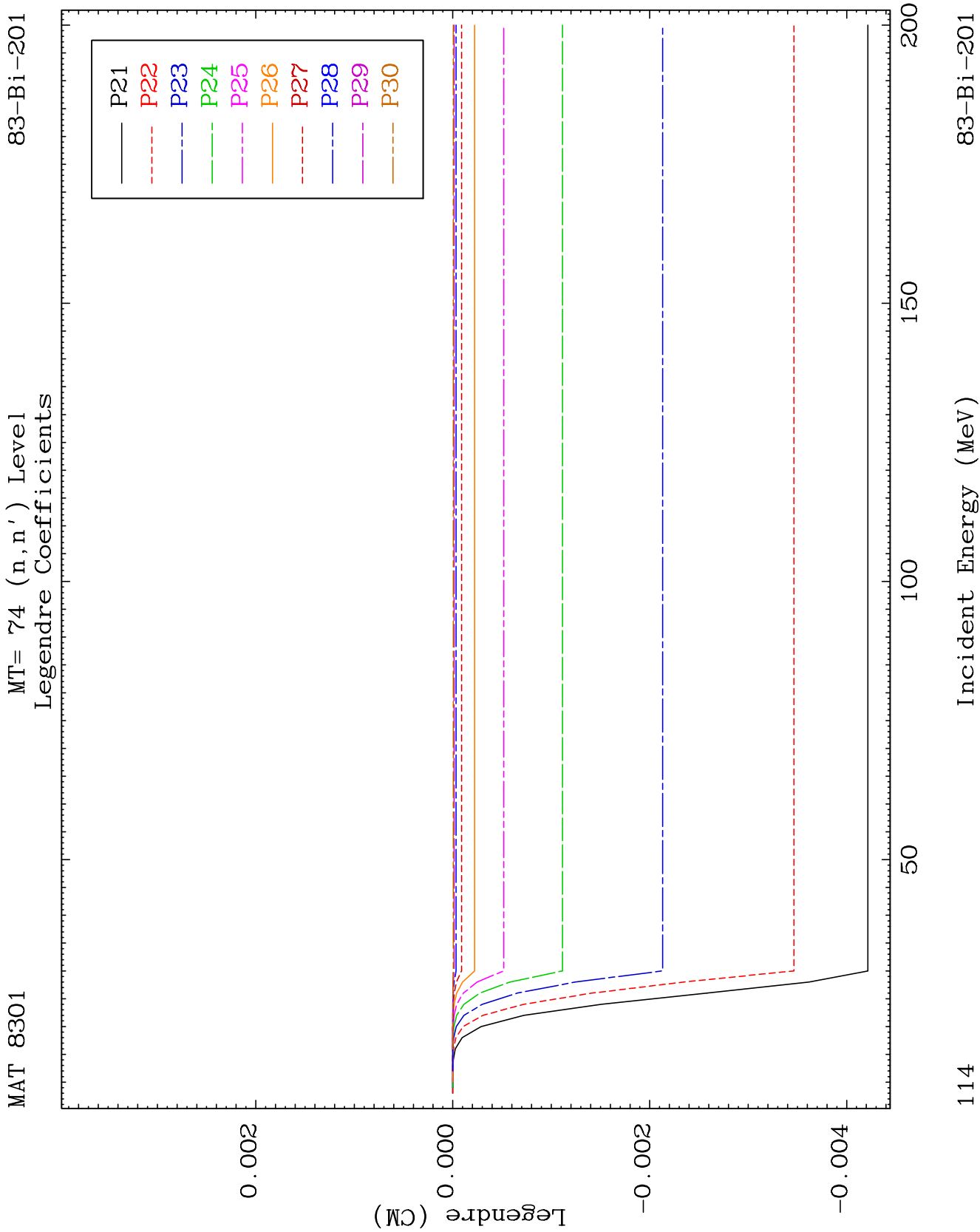
83-Bi-201

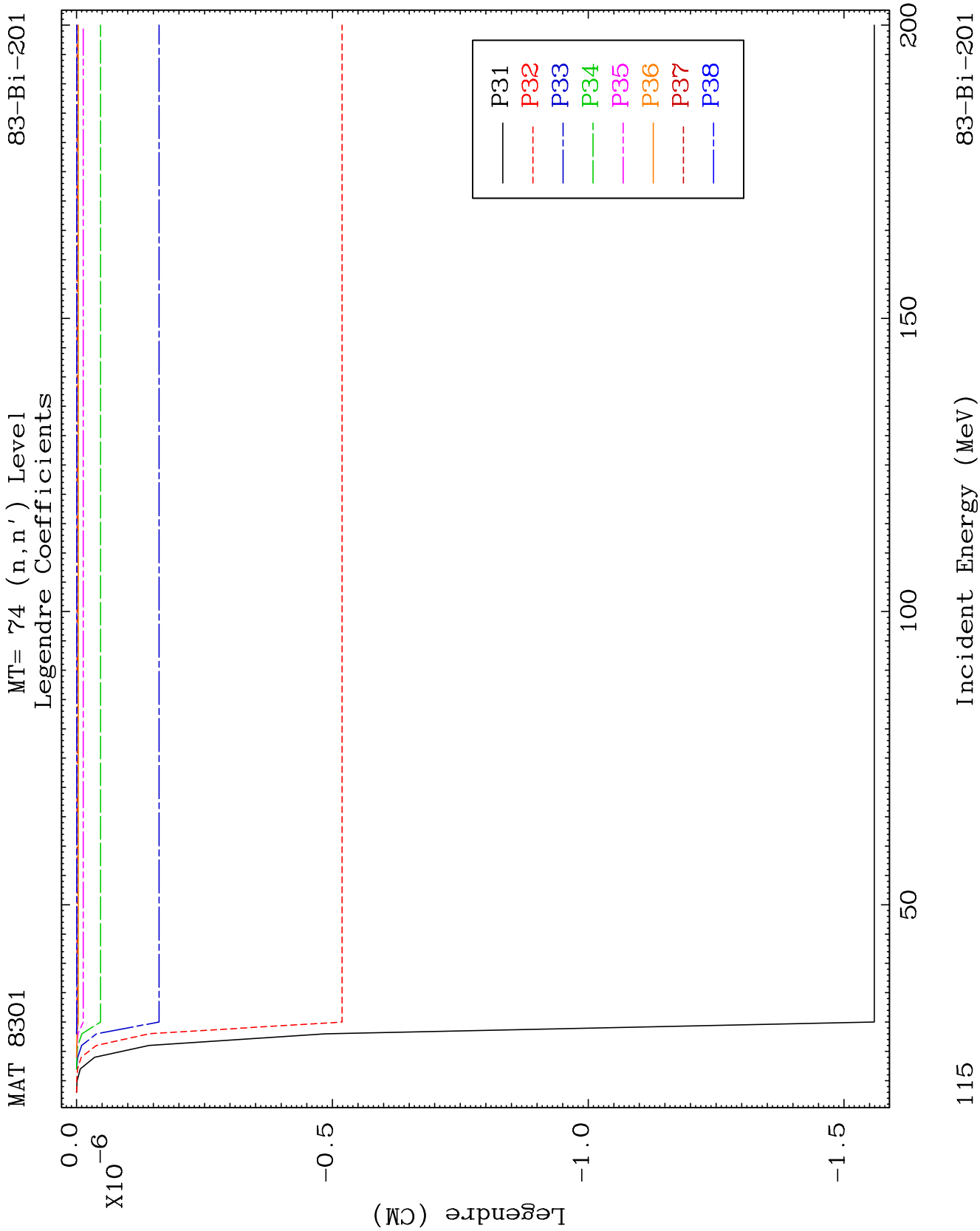


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Incident Energy (MeV)

83-Bi-201

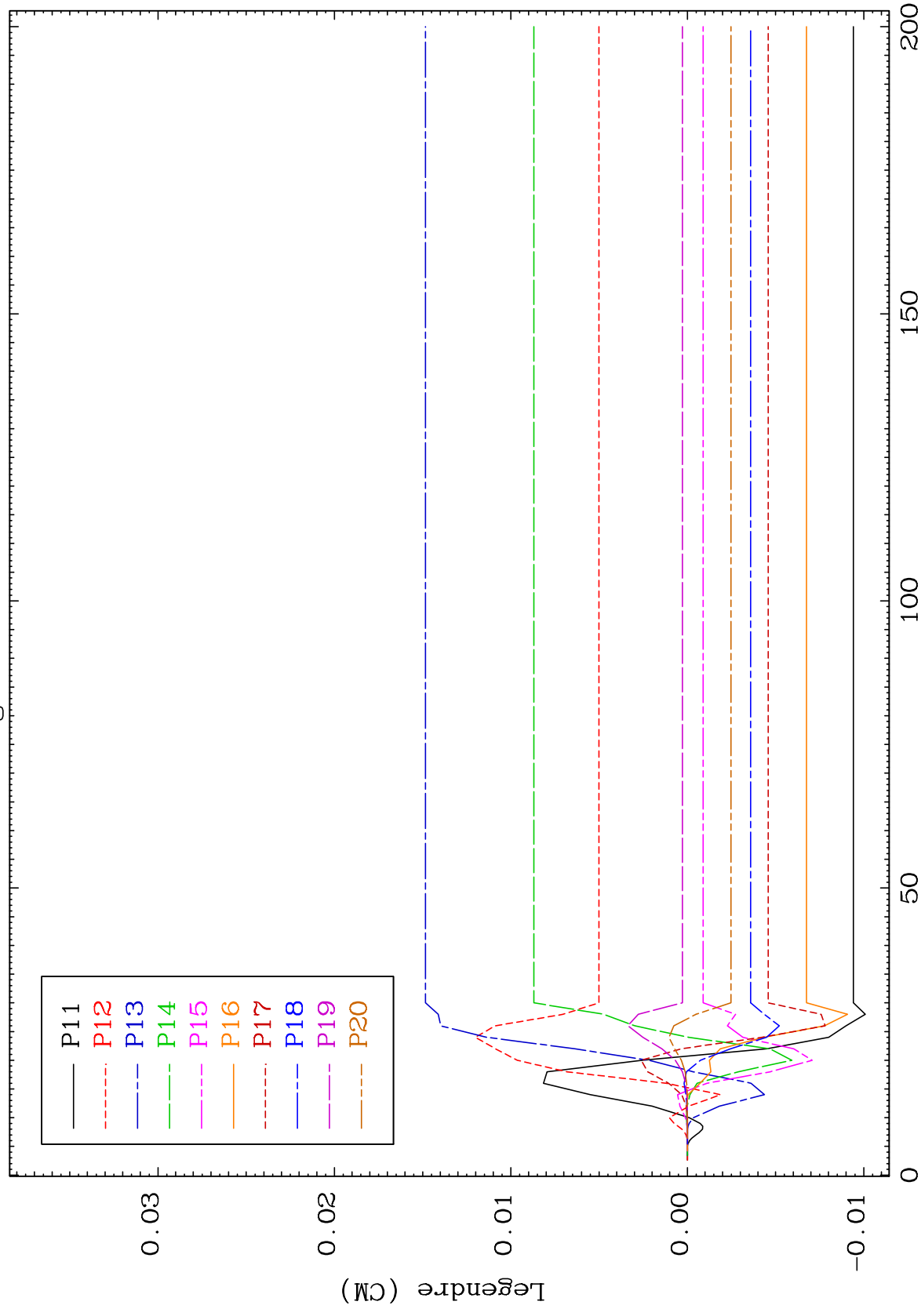




MAT 8301

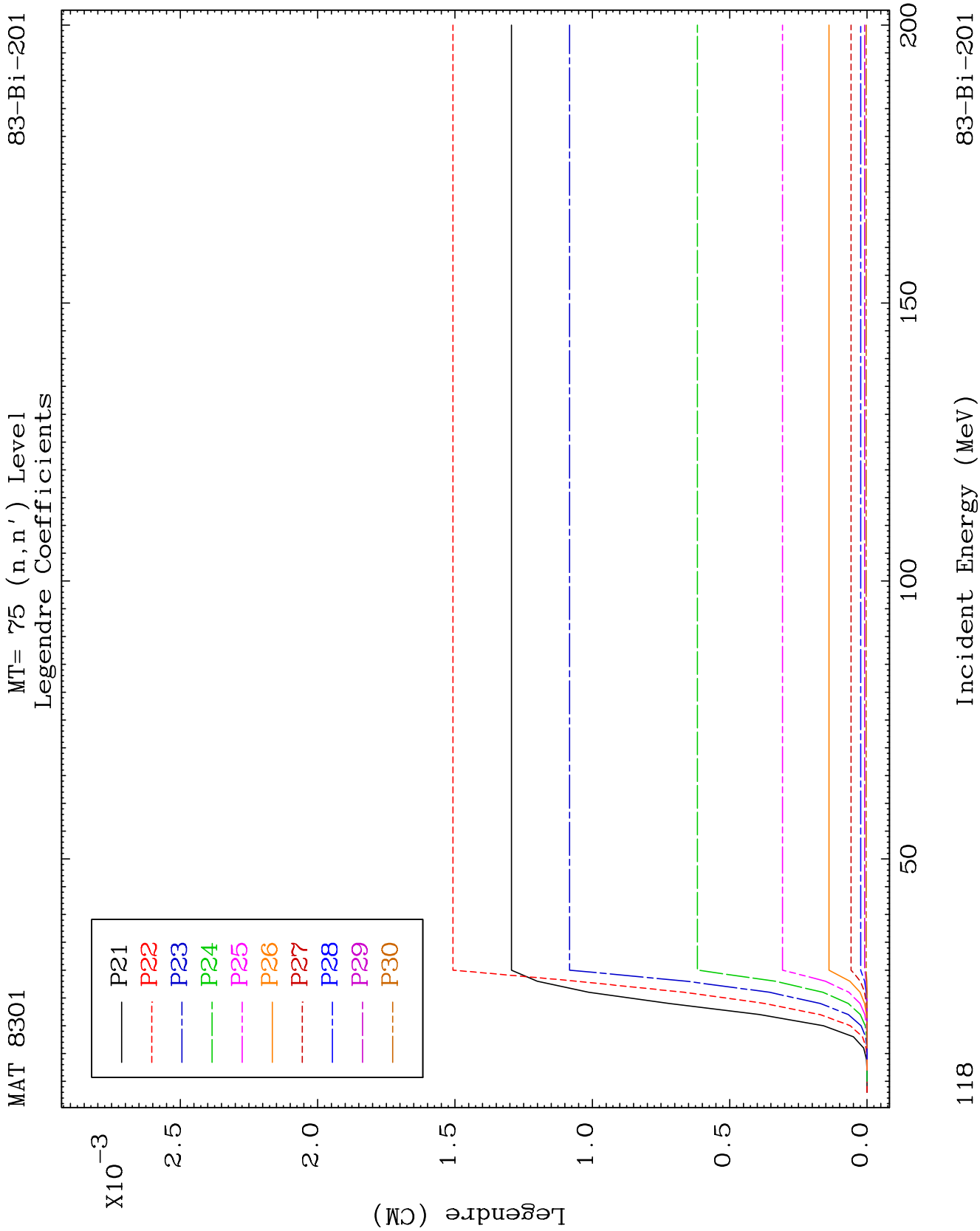
83-Bi-201

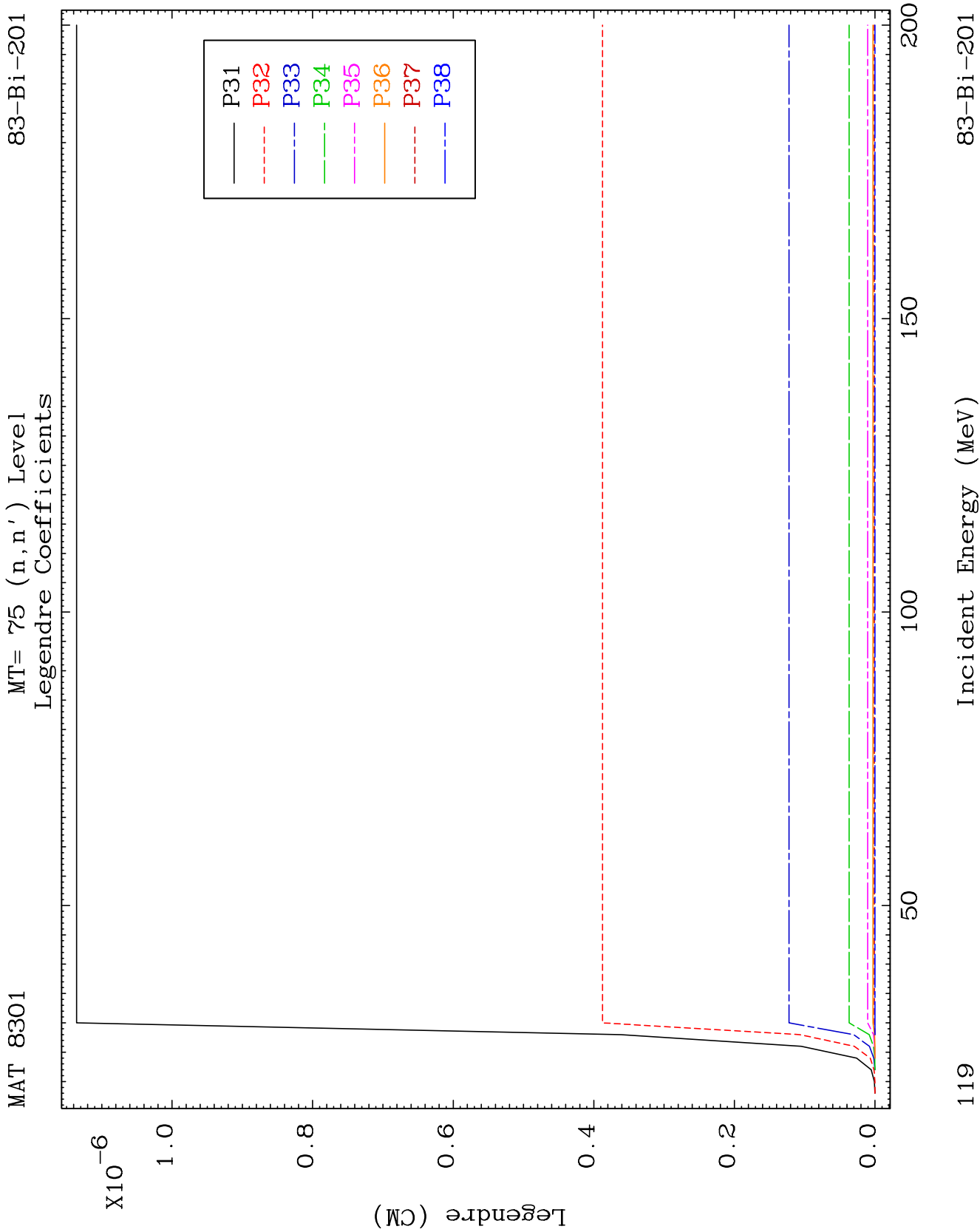
MT= 75 (n, n') Level
Legendre Coefficients



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83-Bi-201

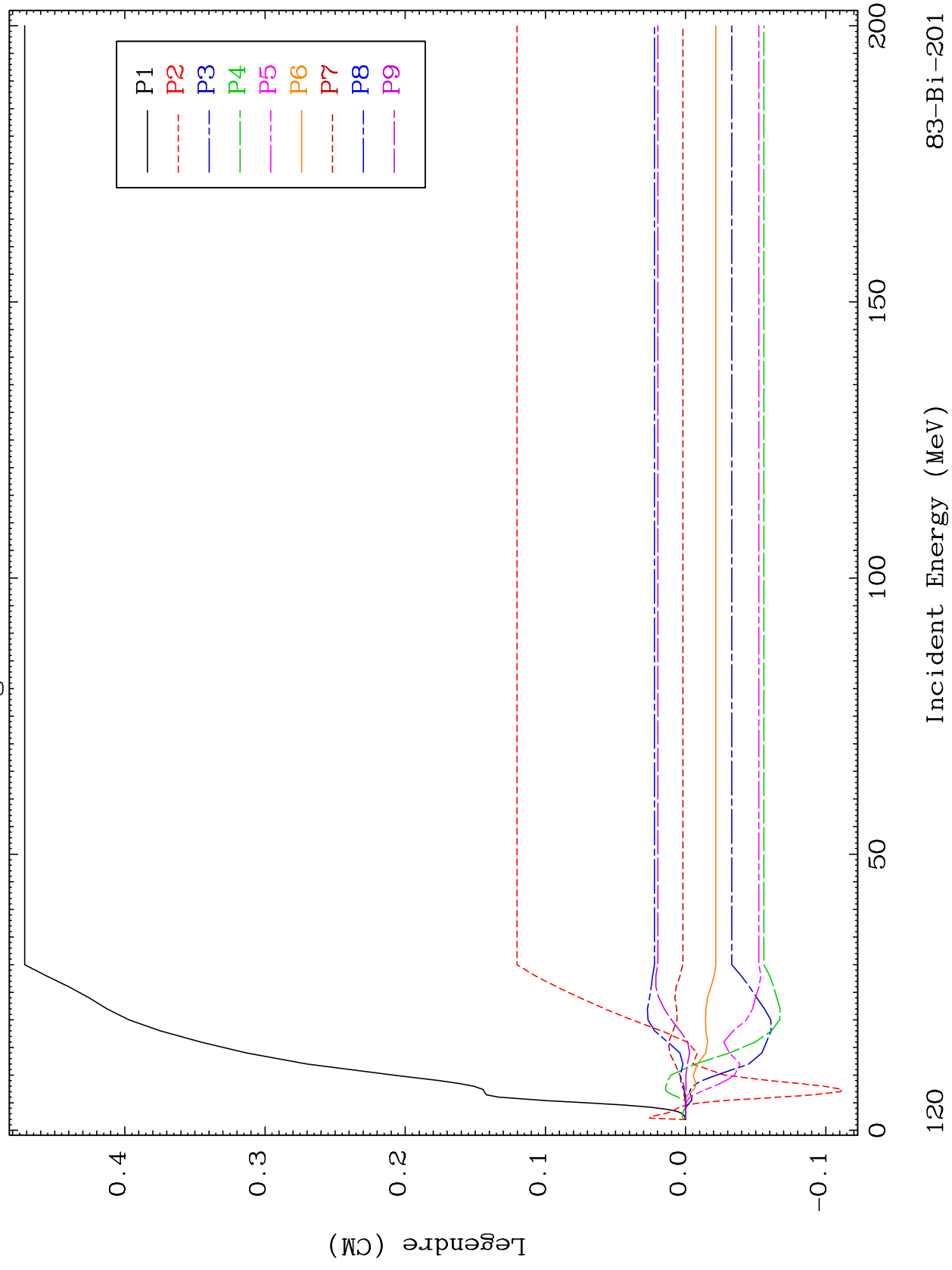


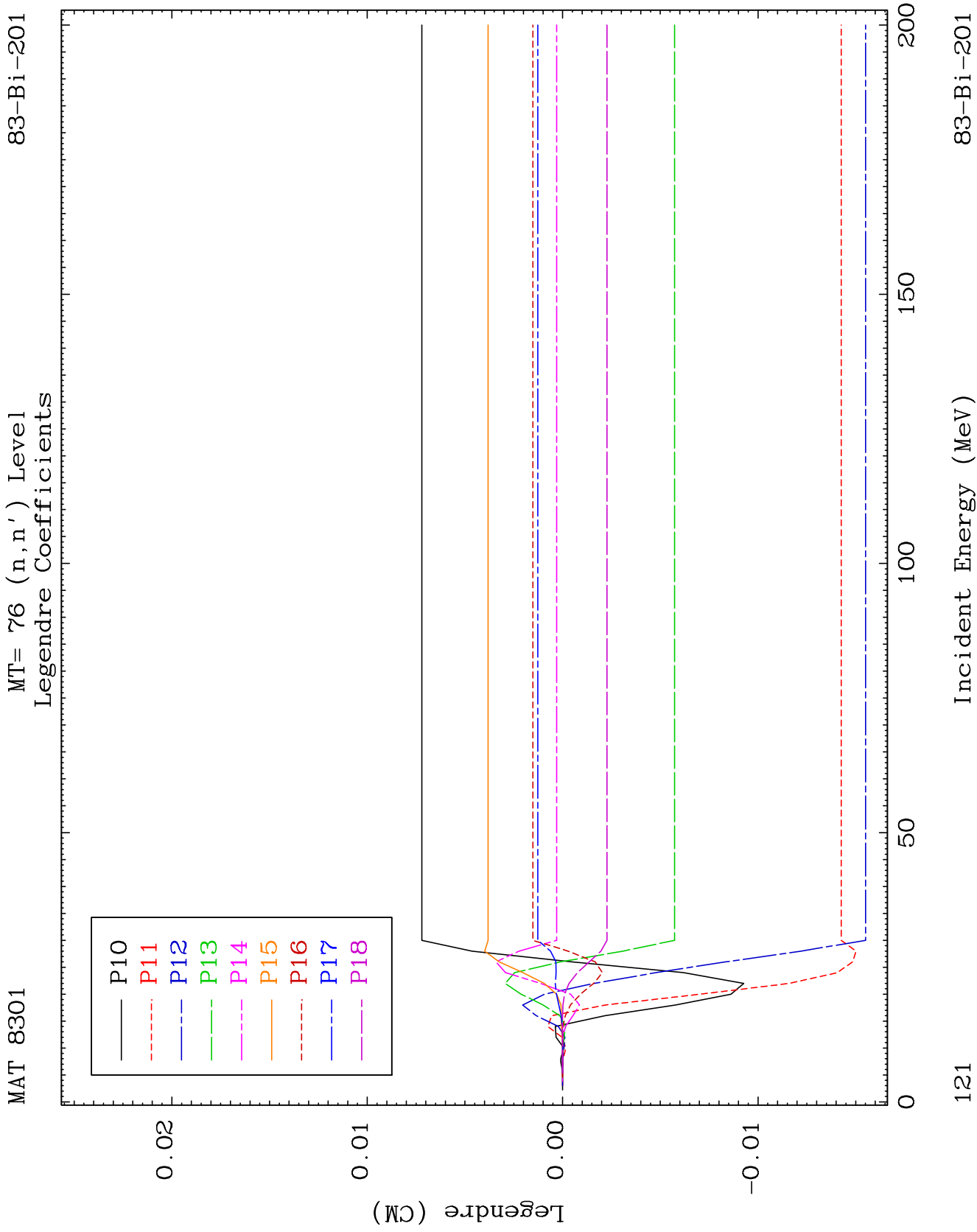


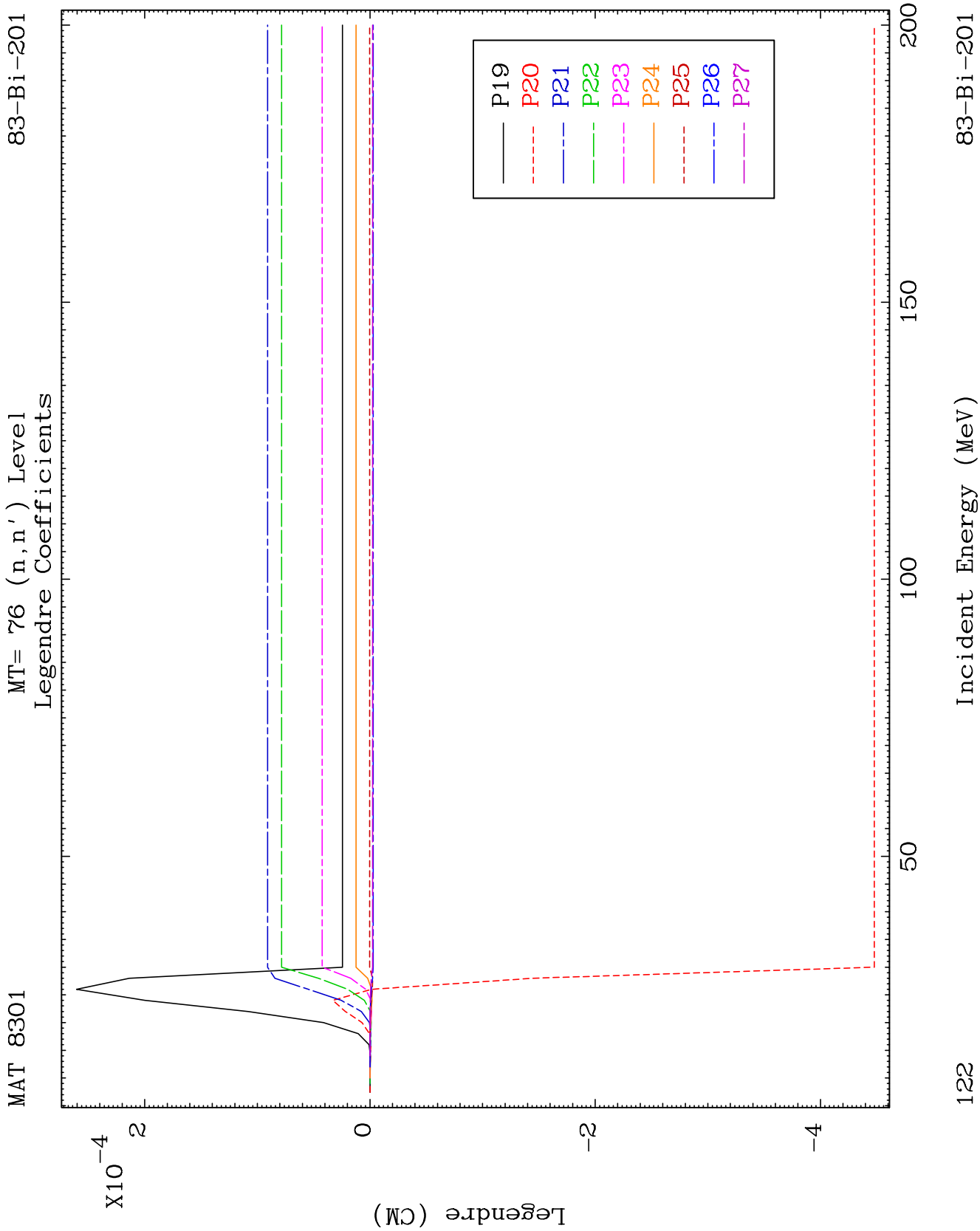
MAT 8301

MT= 76 (n, n') Level
Legendre Coefficients

83-Bi-201



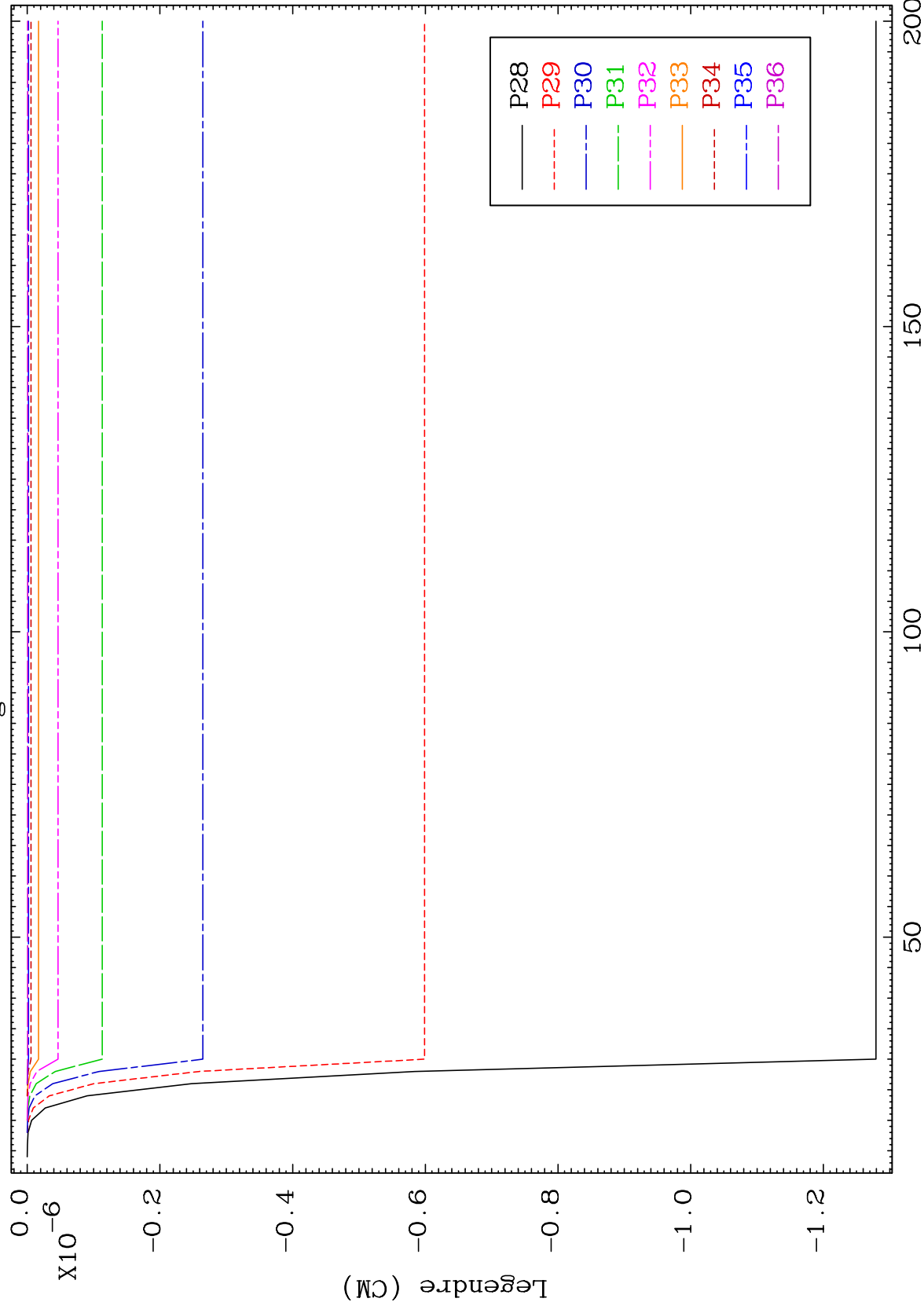




MAT 8301

MT= 76 (n, n') Level
Legendre Coefficients

83-Bi-201



123

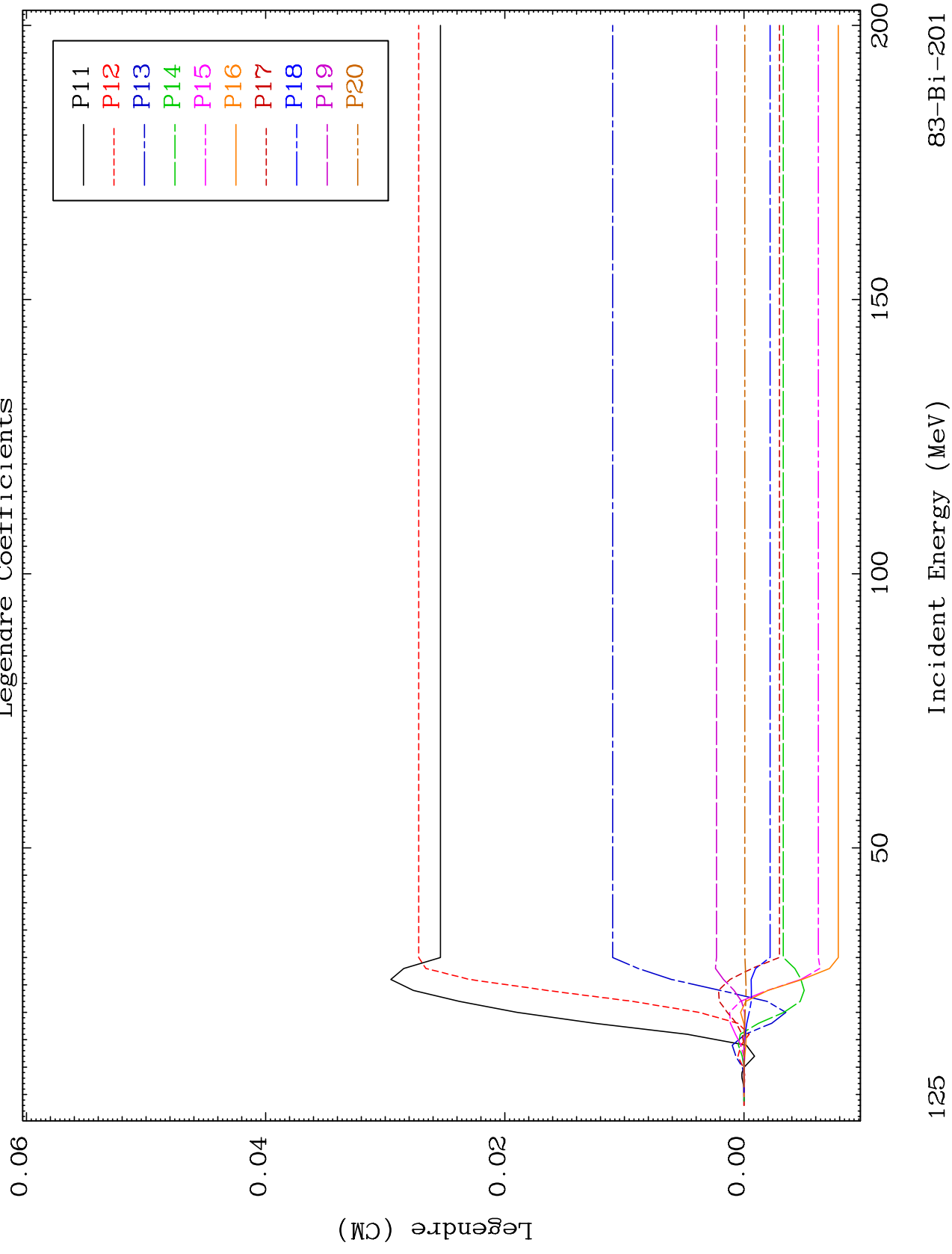
Incident Energy (MeV)

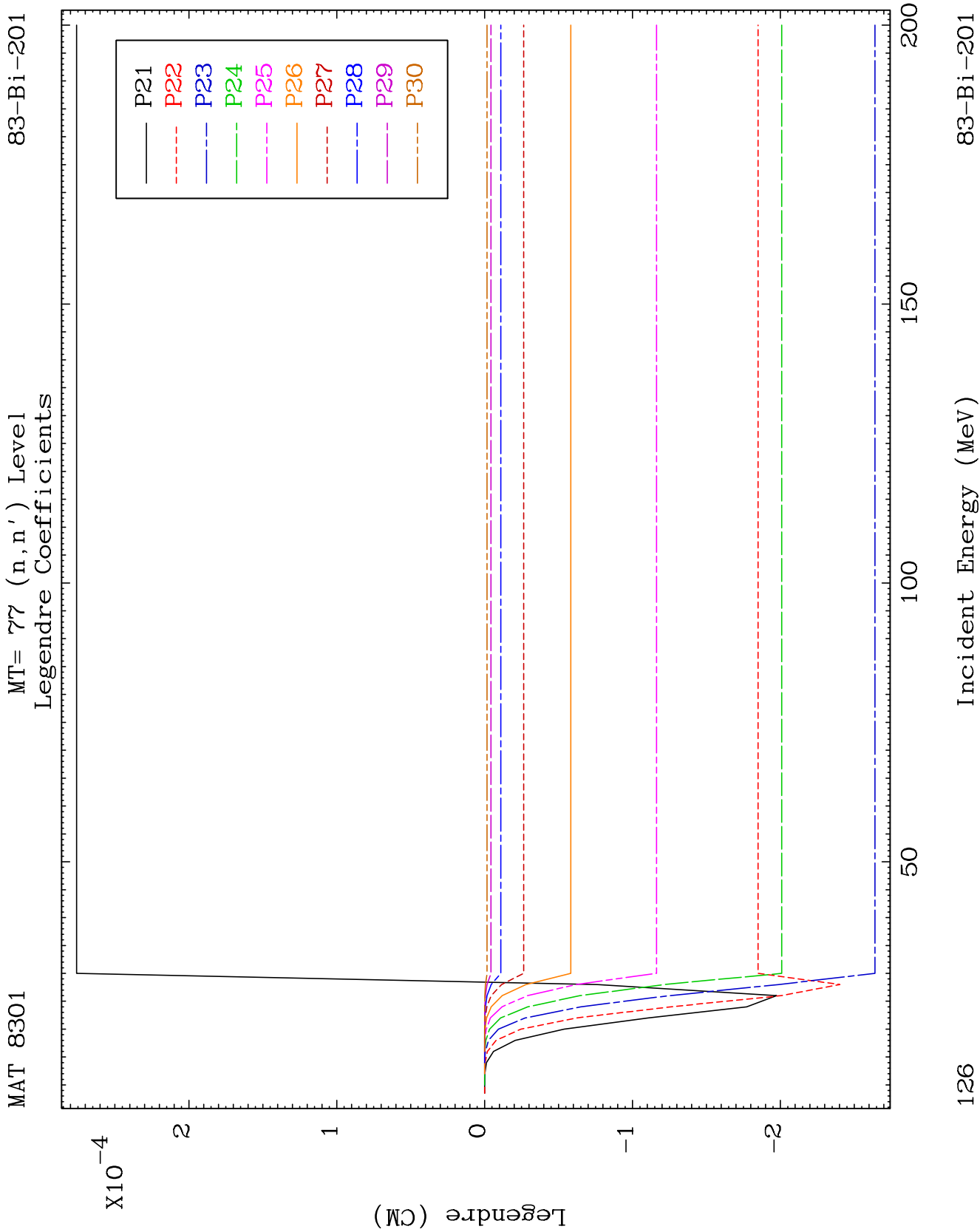
83-Bi-201

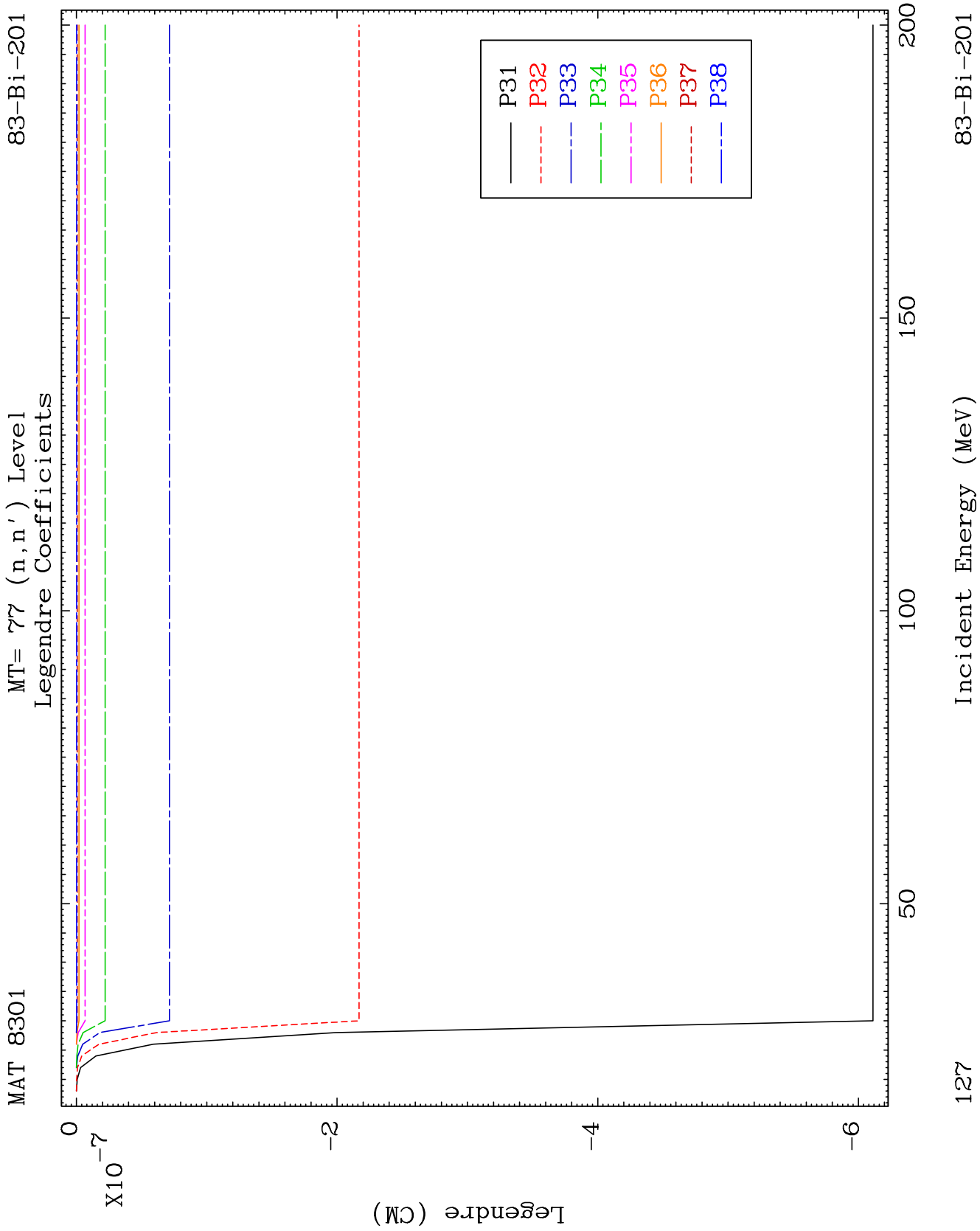
MAT 8301

MT= 77 (n, n') Level
Legendre Coefficients

83-Bi-201



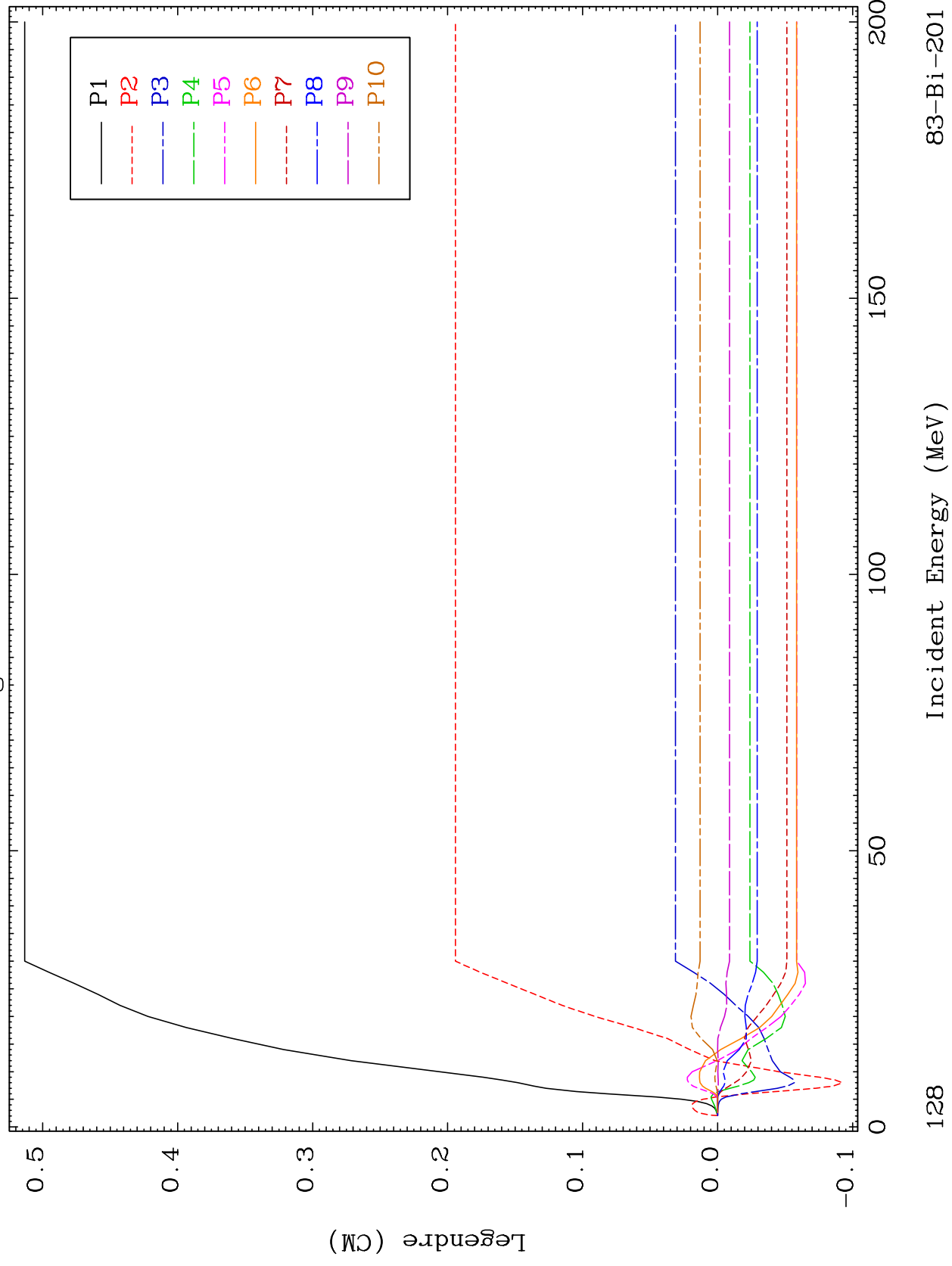


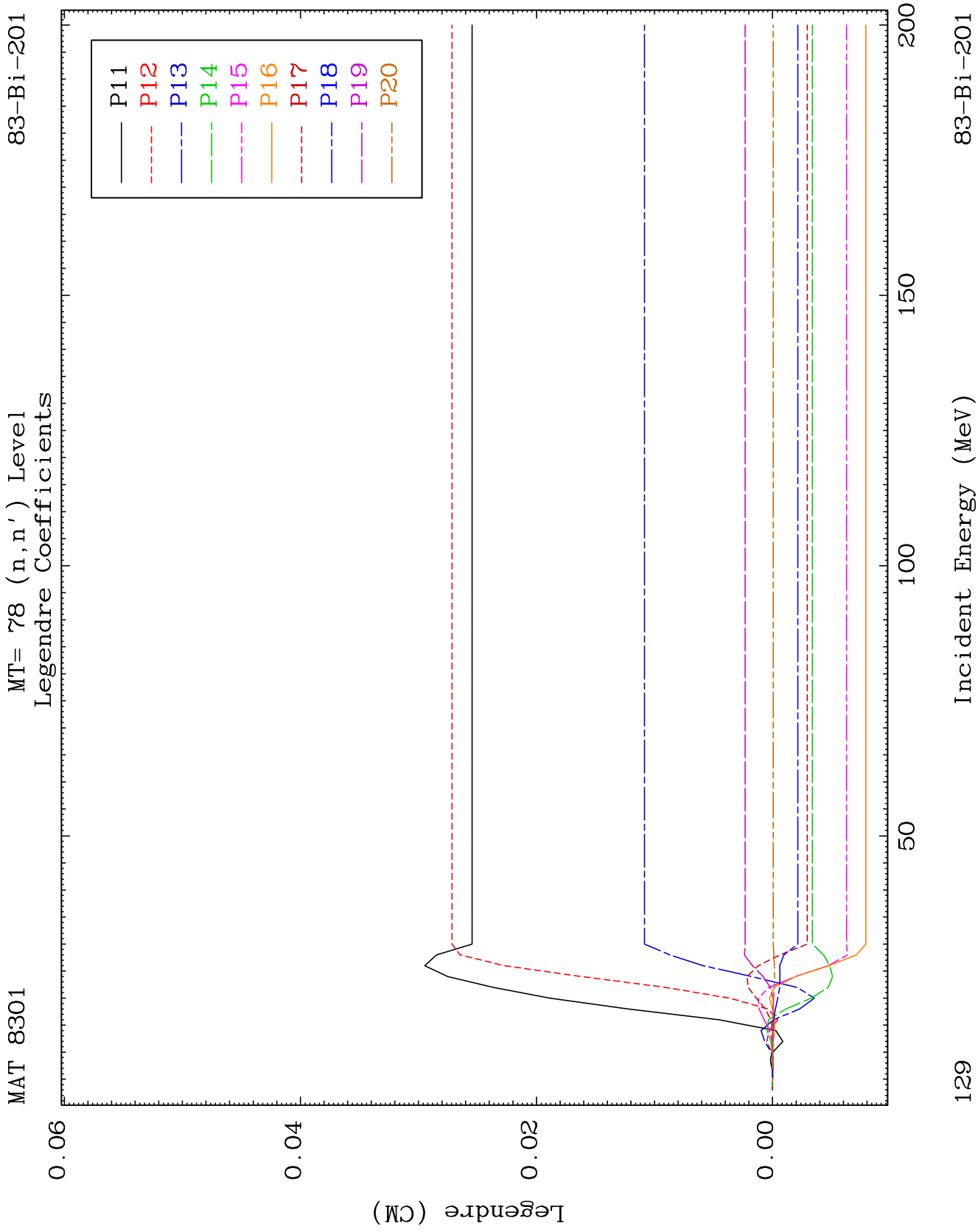


MAT 8301

MT= 78 (n, n') Level
Legendre Coefficients

83-Bi-201

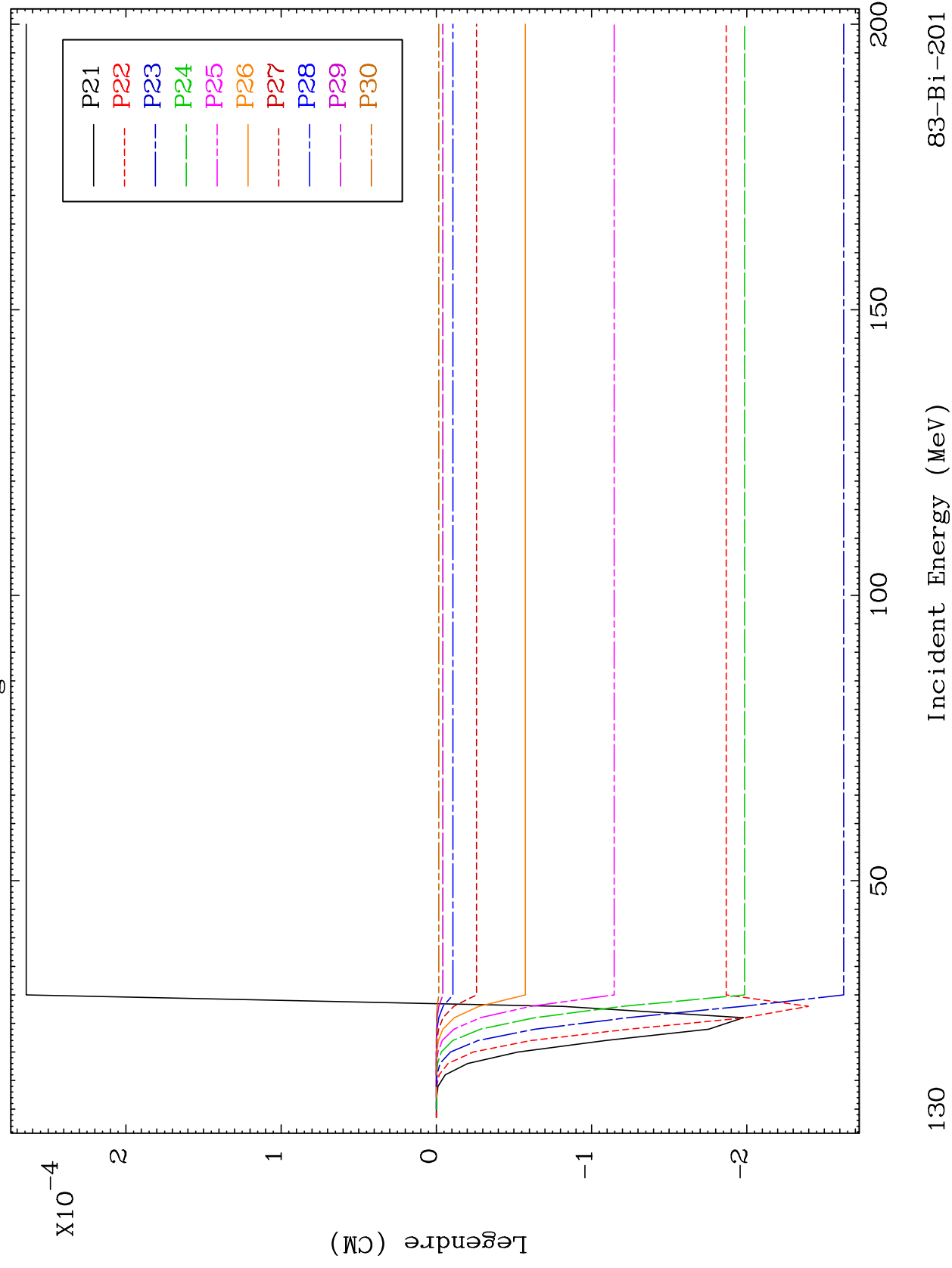


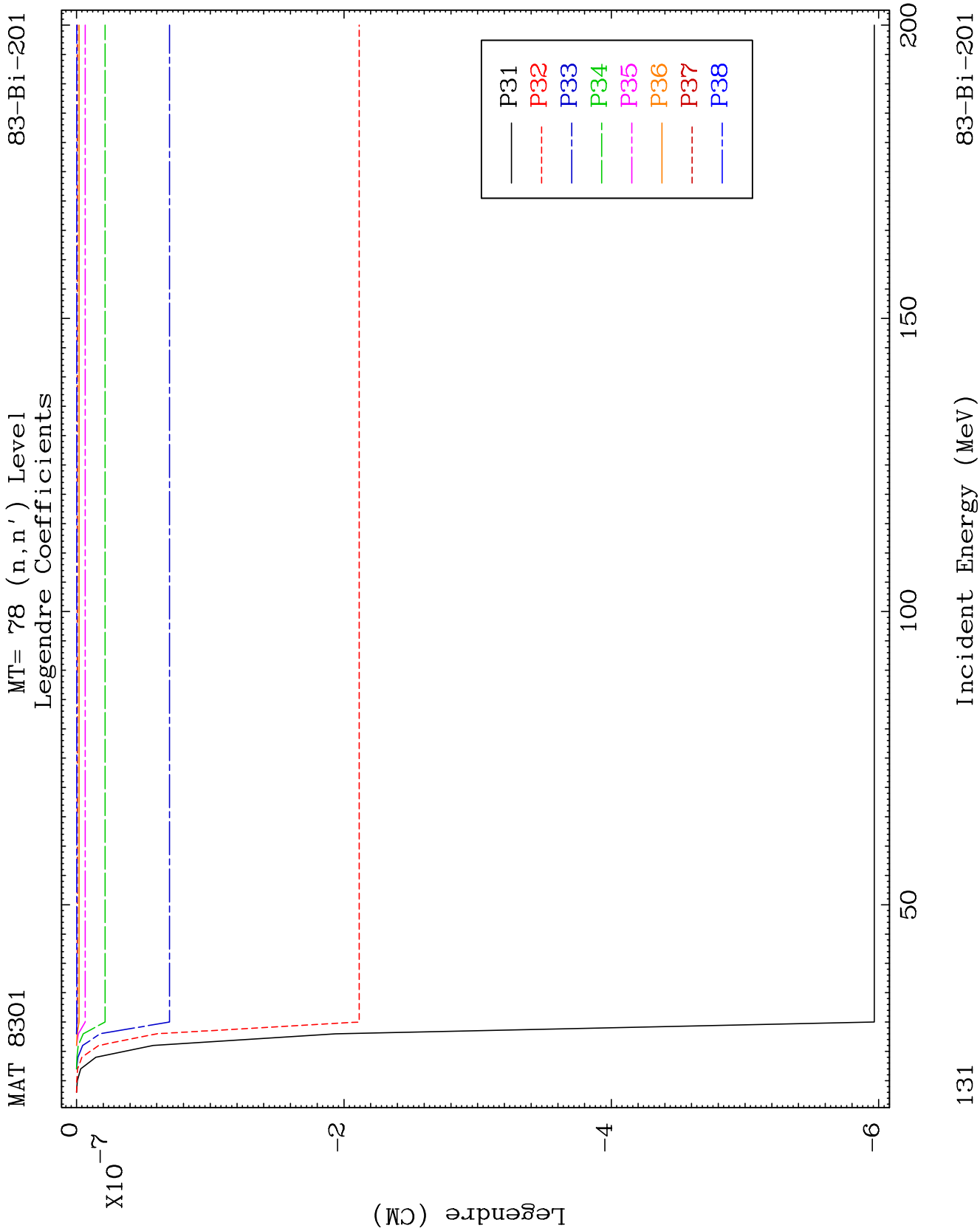


MAT 8301

MT= 78 (n, n') Level
Legendre Coefficients

83-Bi-201

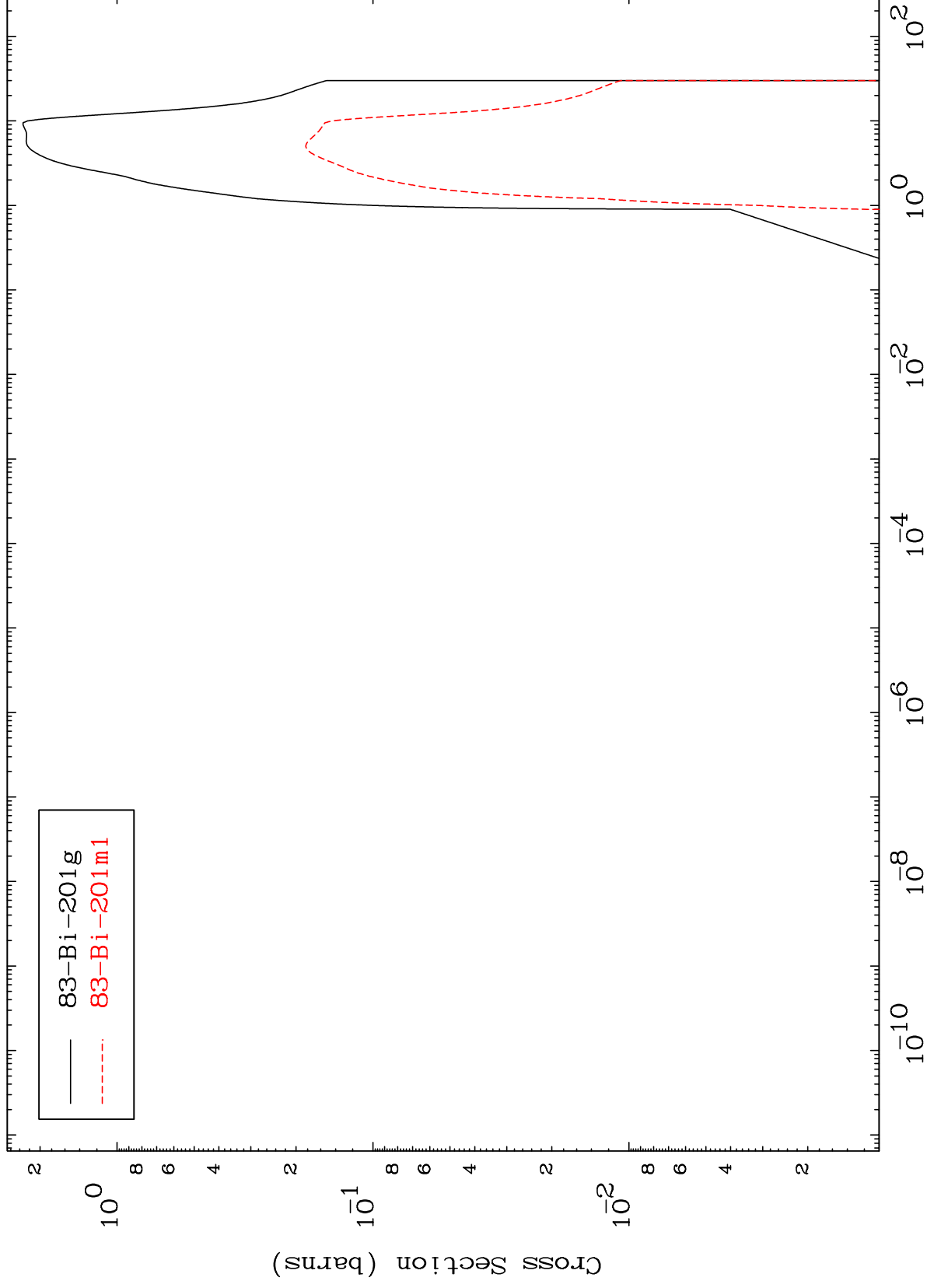




MAT 8301

83-Bi-201

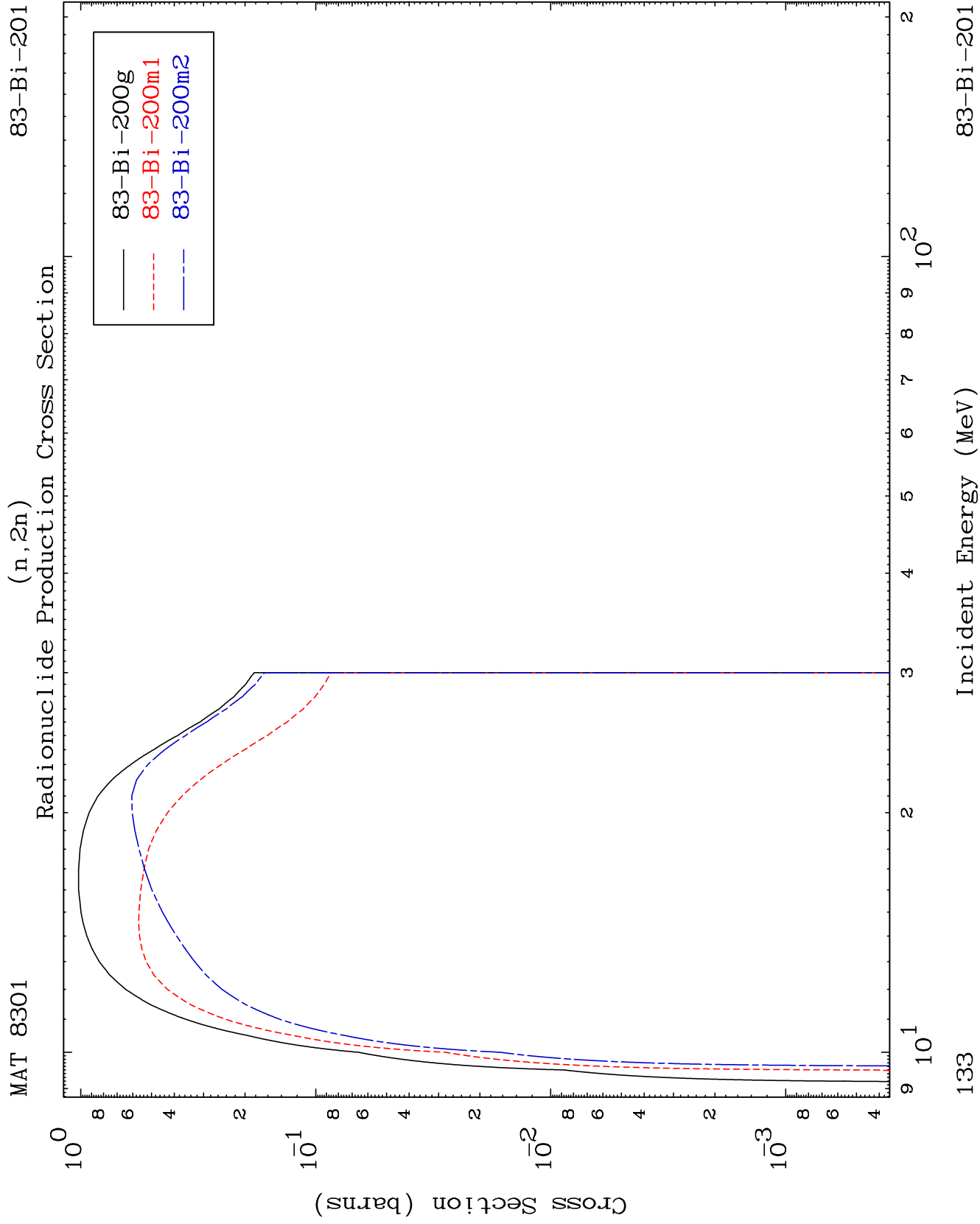
Inelastic
Radionuclide Production Cross Section

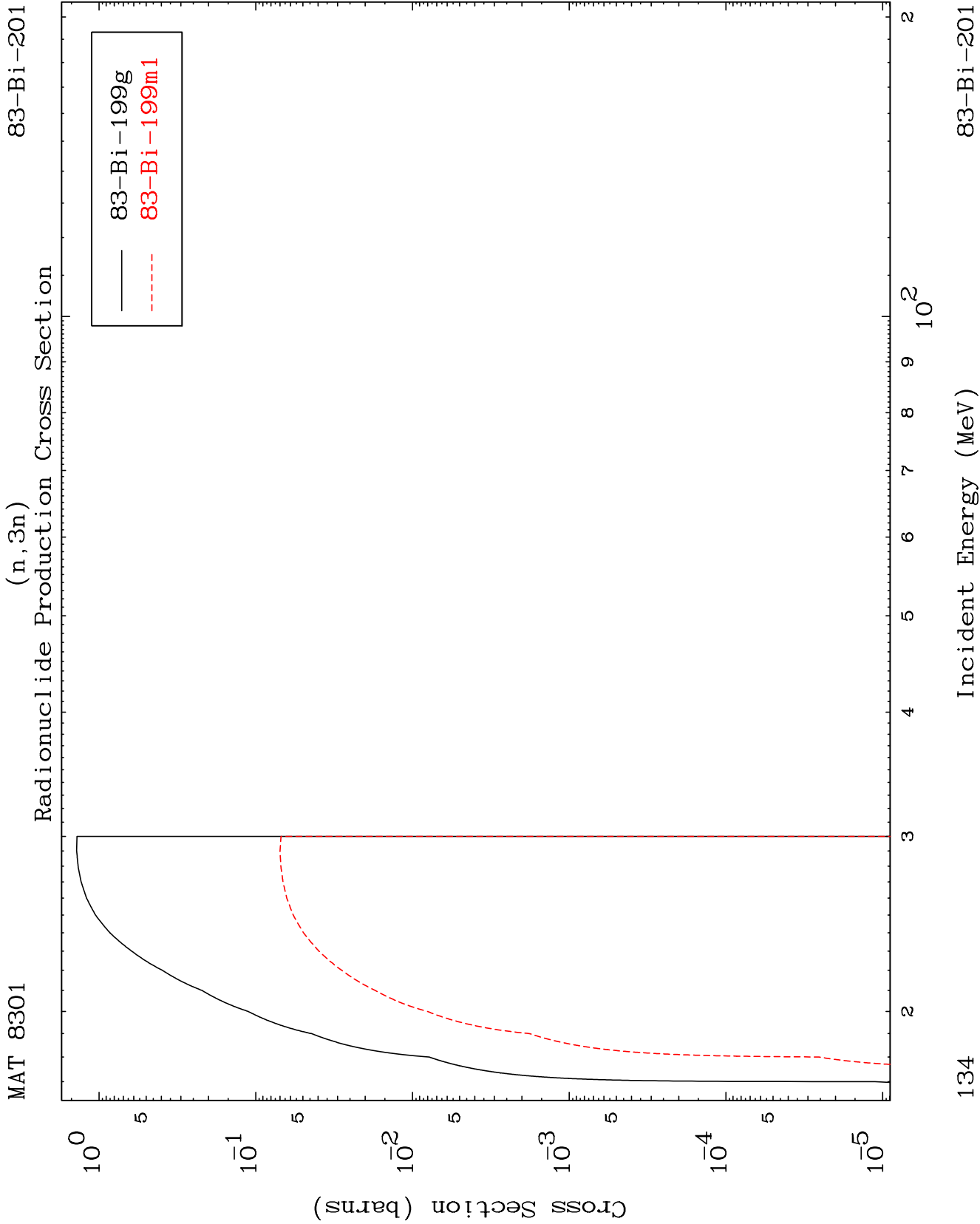


83-Bi-201

Incident Energy (MeV)

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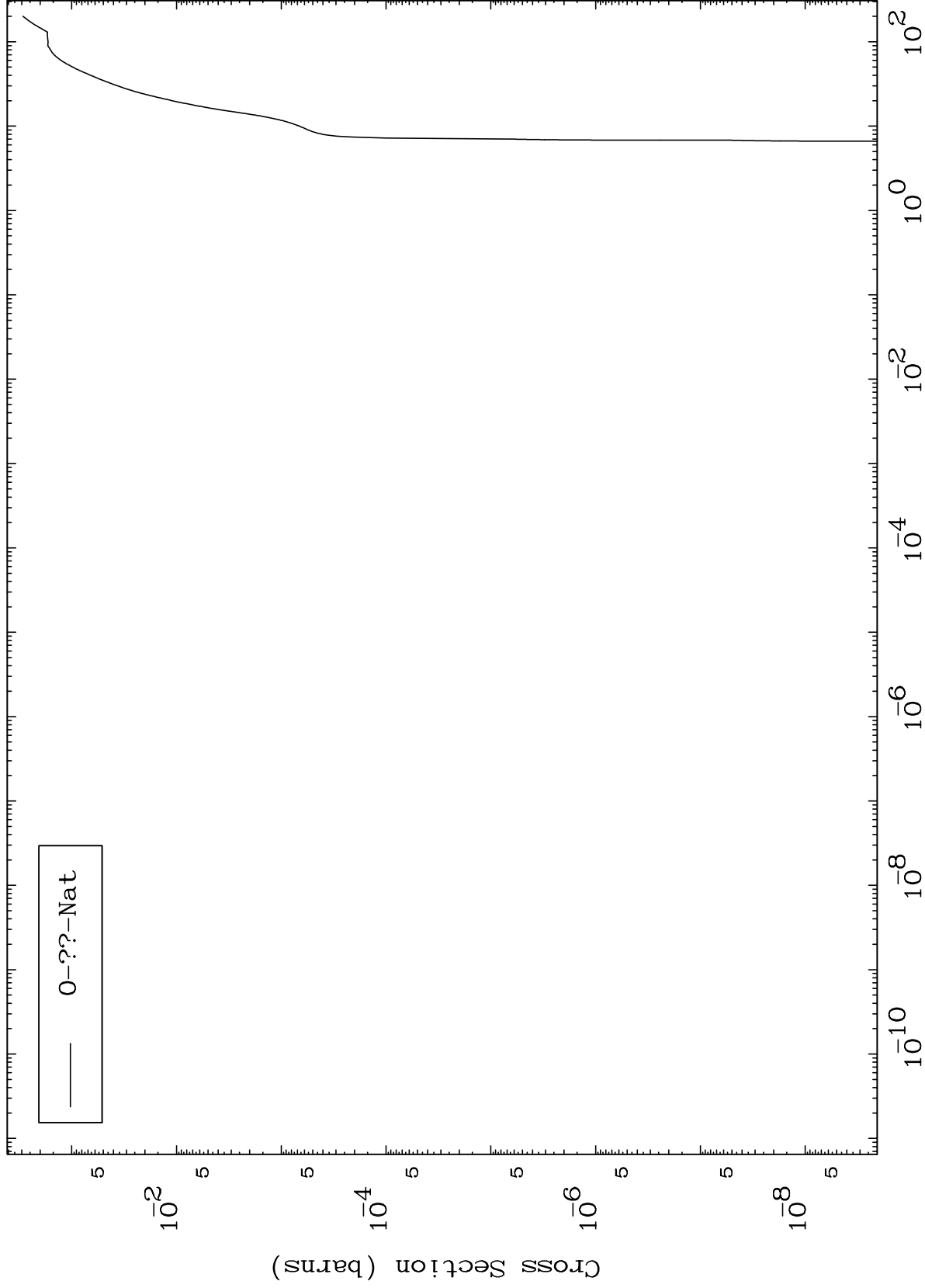


MAT 8301

Fission

83-Bi-201

Radionuclide Production Cross Section

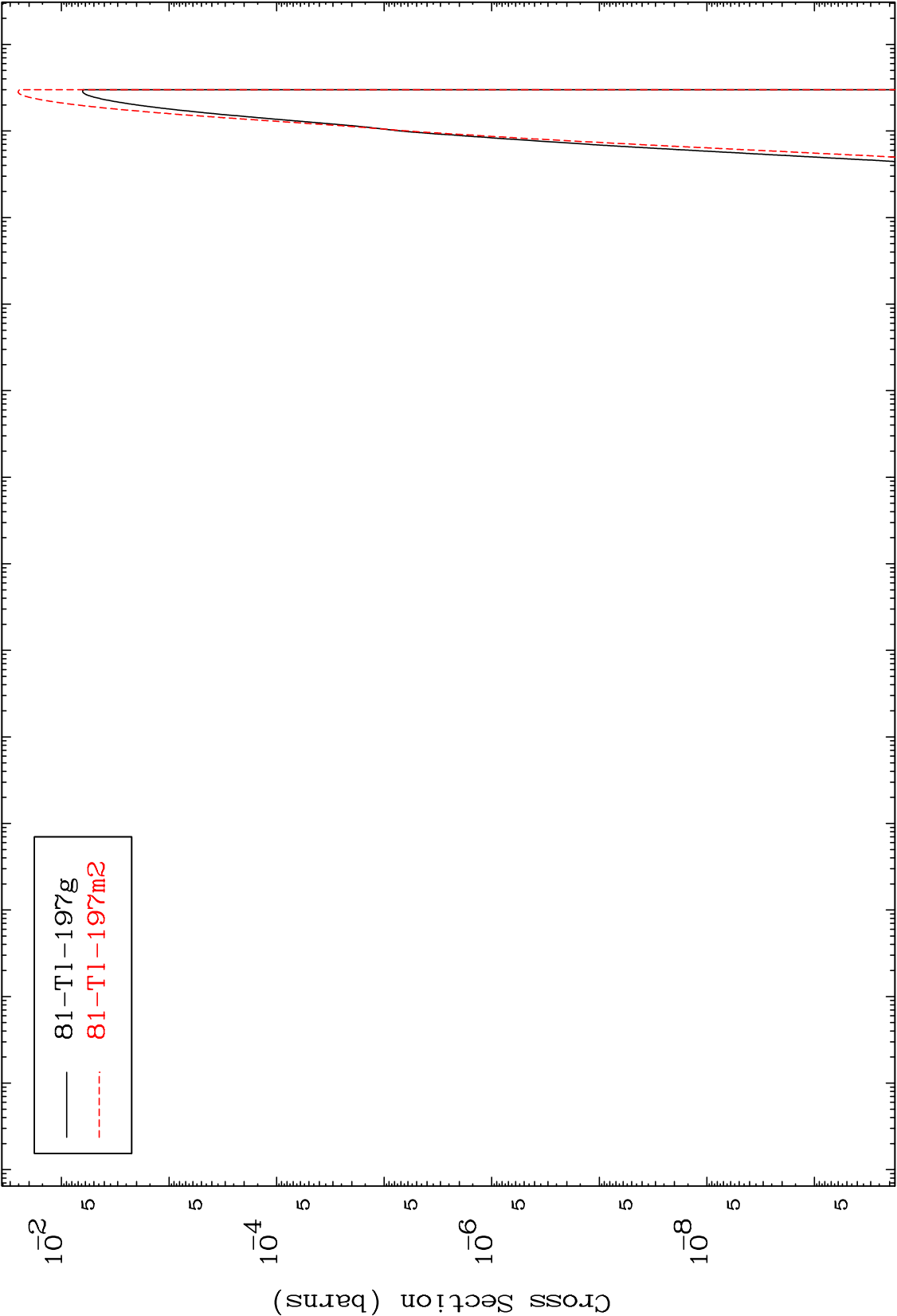


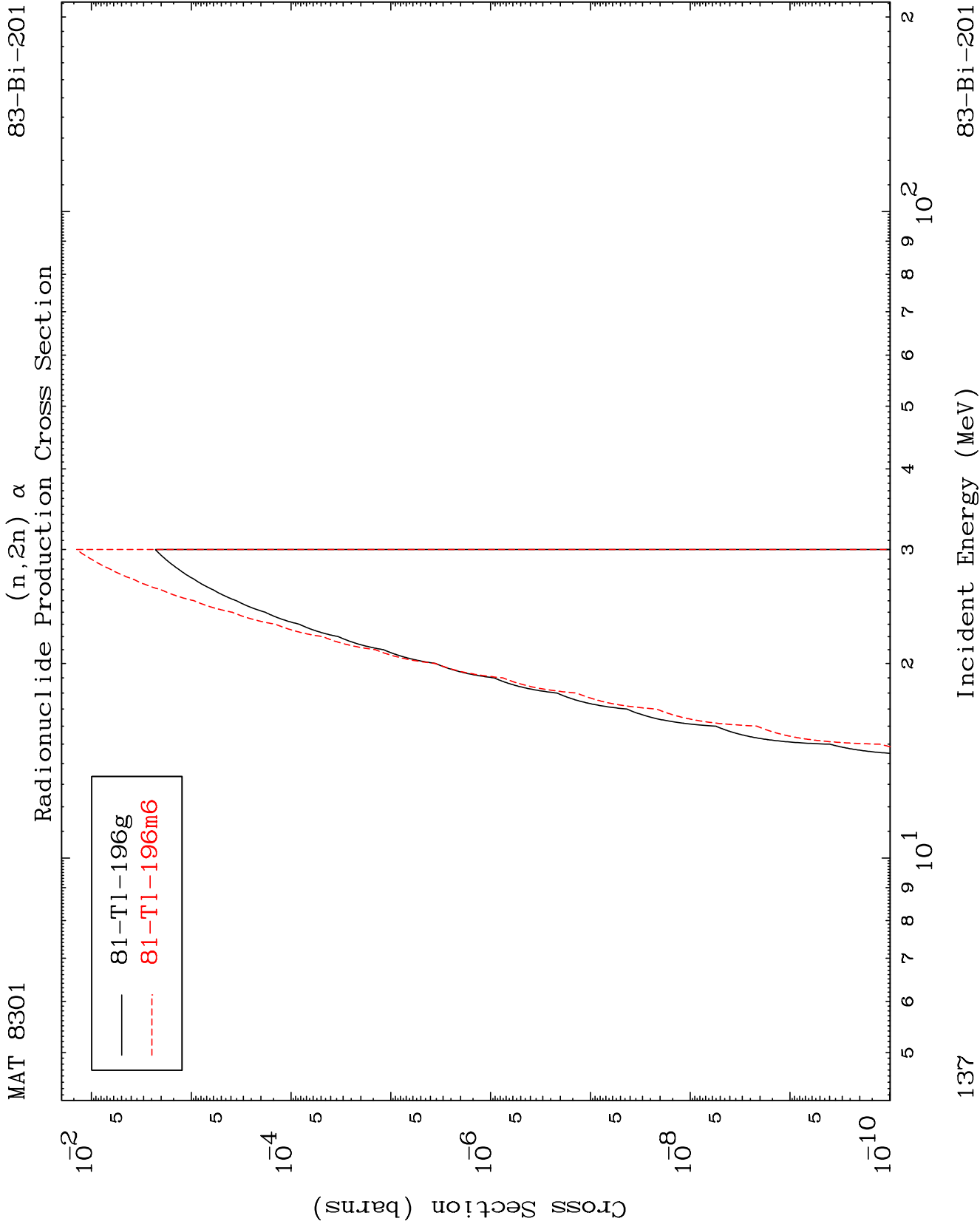
135

Incident Energy (MeV)

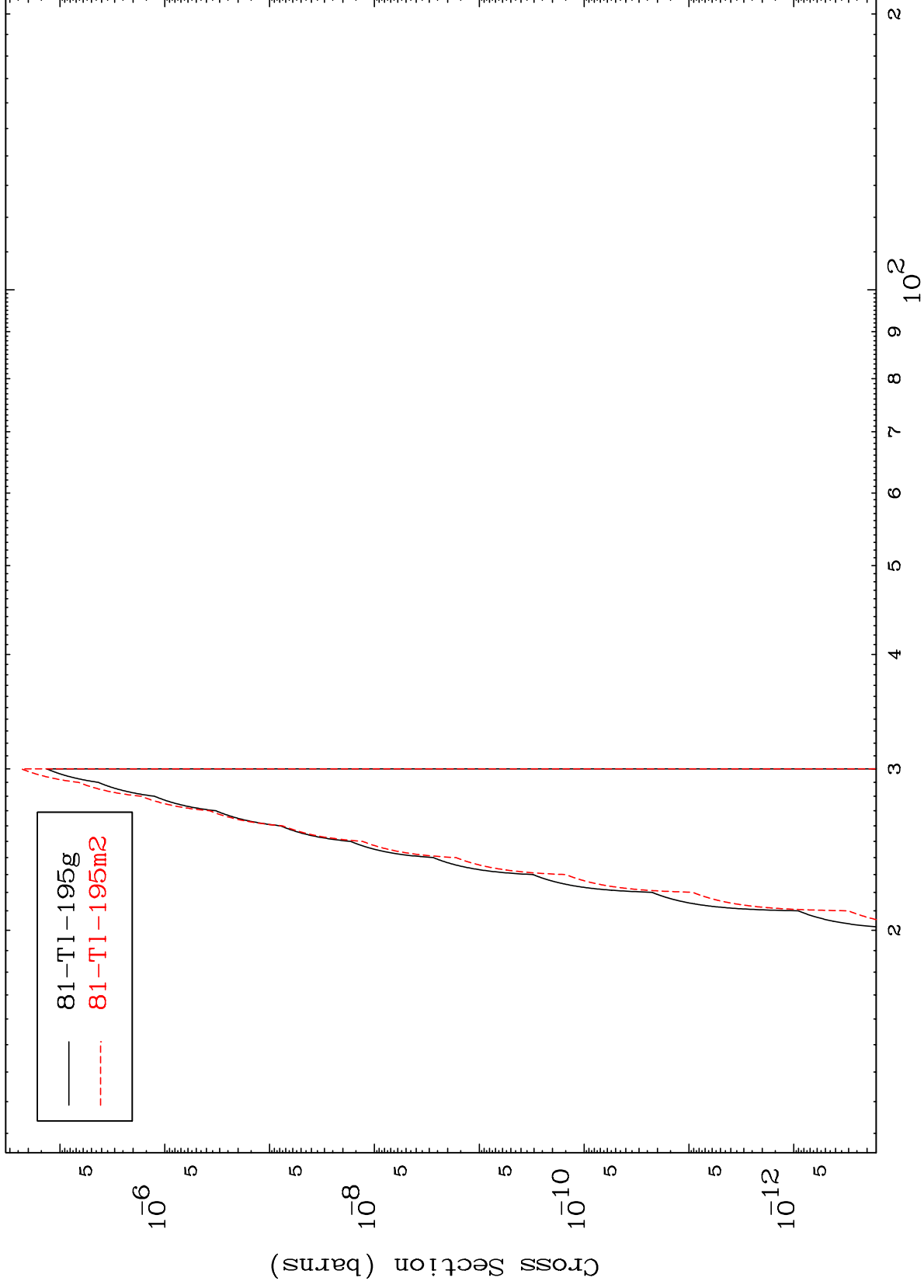
83-Bi-201

Radionuclide Production Cross Section

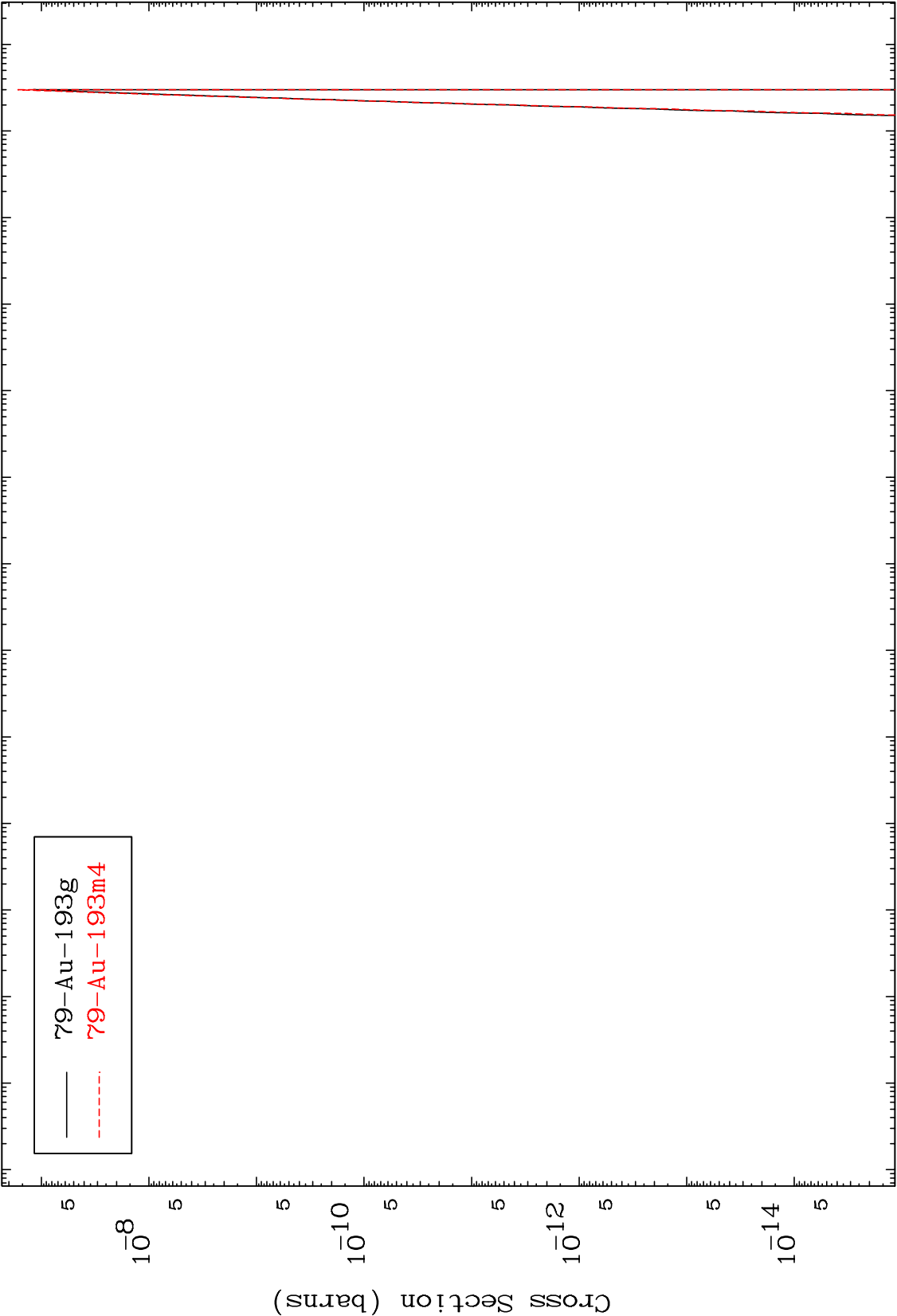


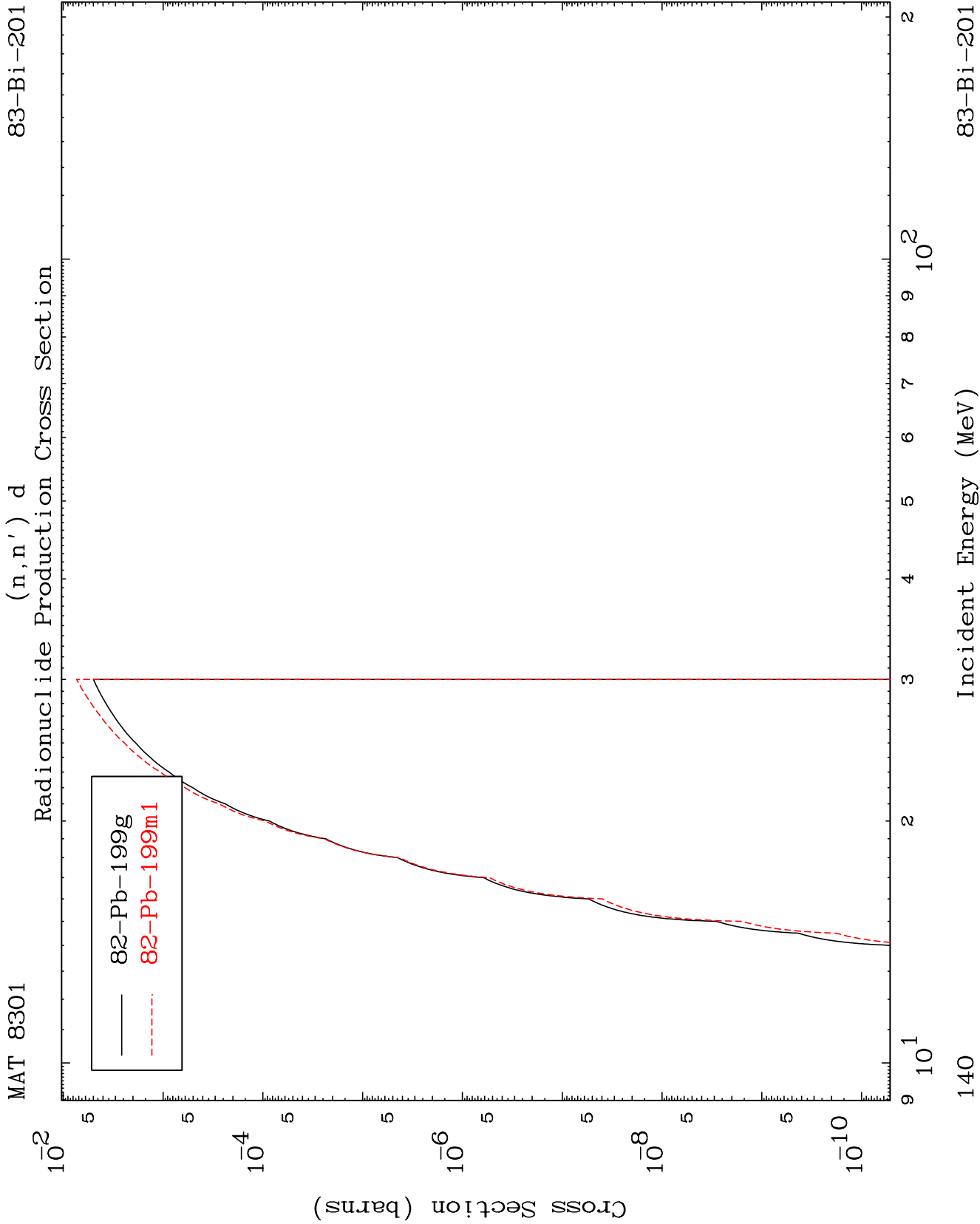


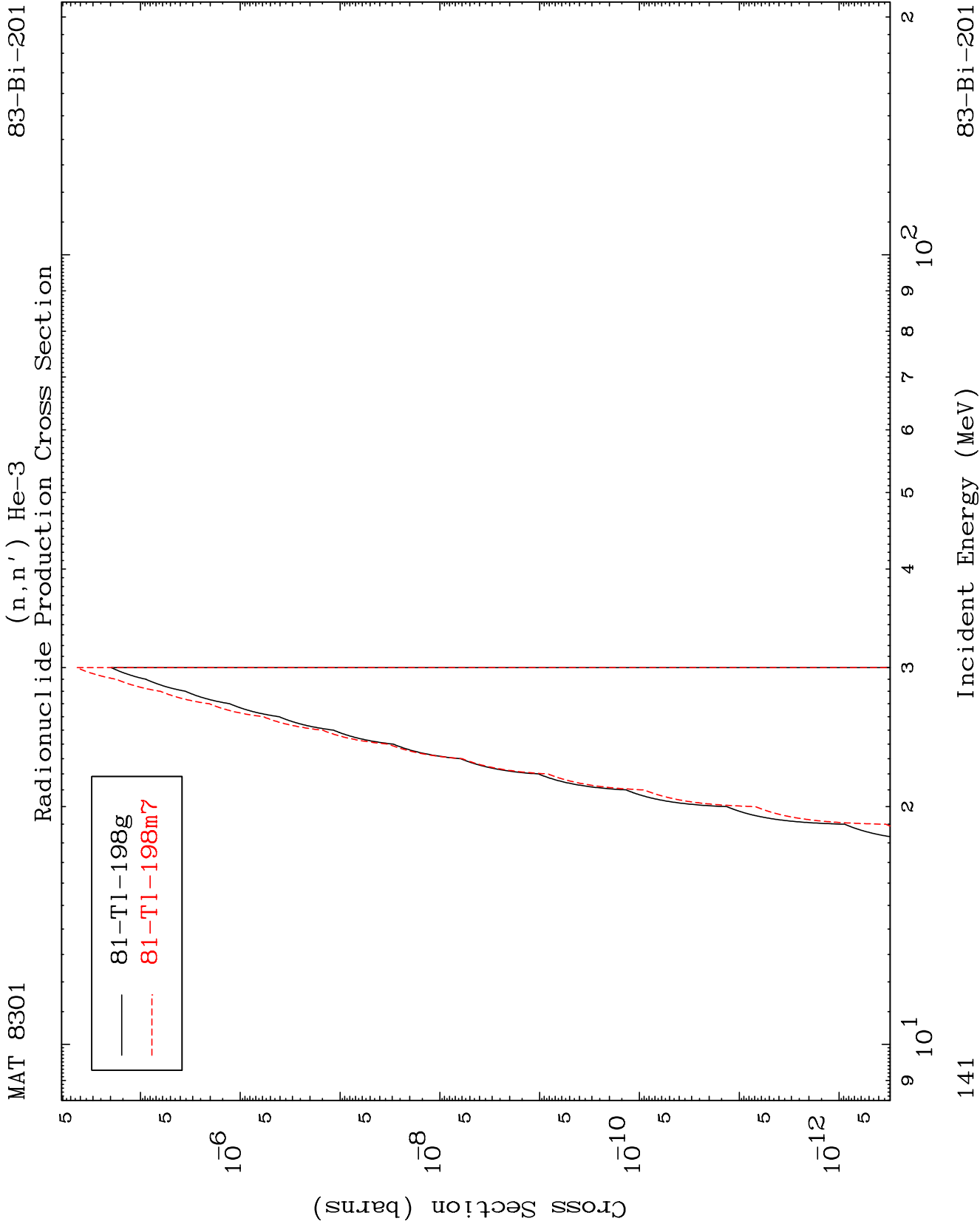
(n,3n) α
Radionuclide Production Cross Section

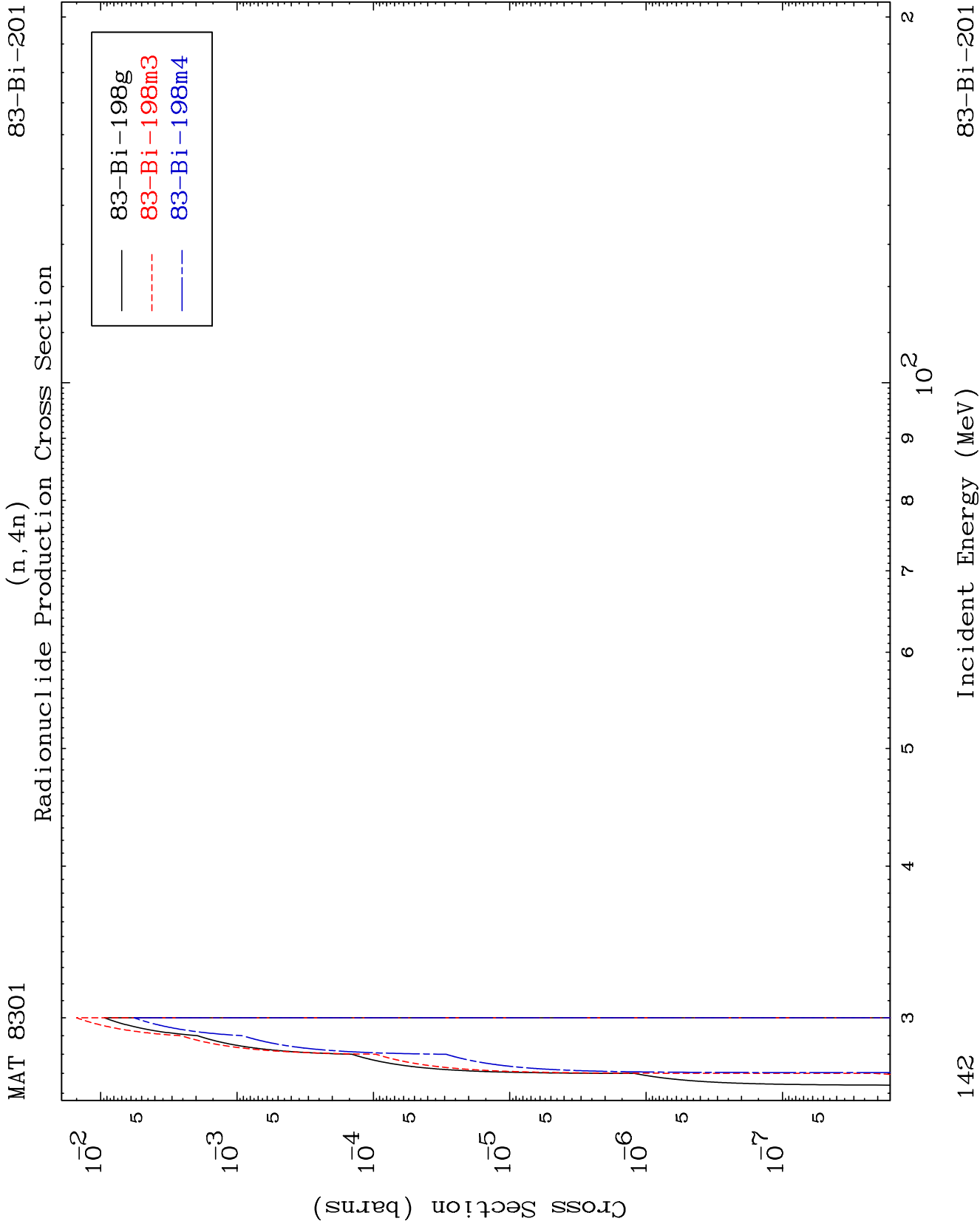


Radionuclide Production Cross Section

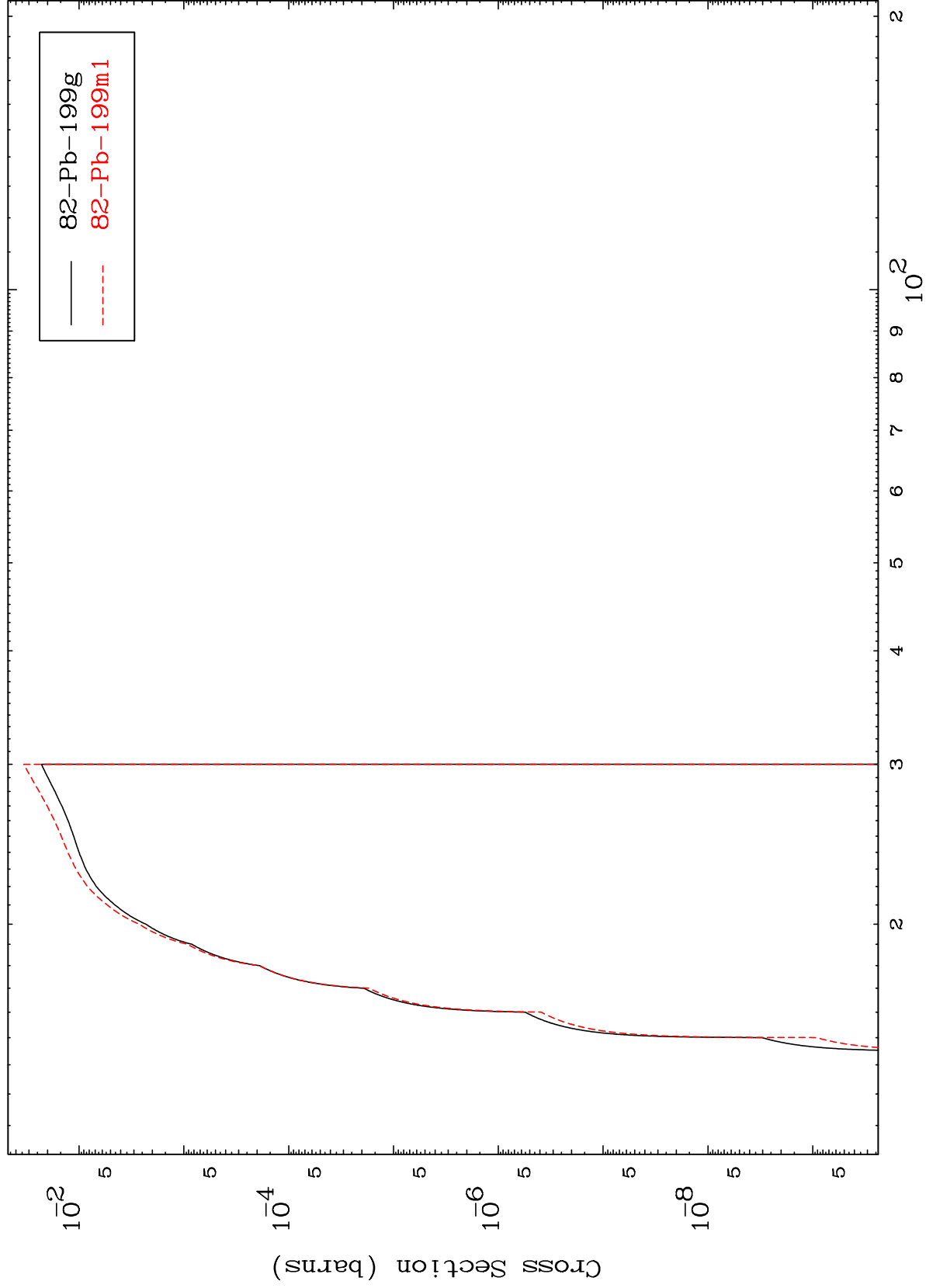


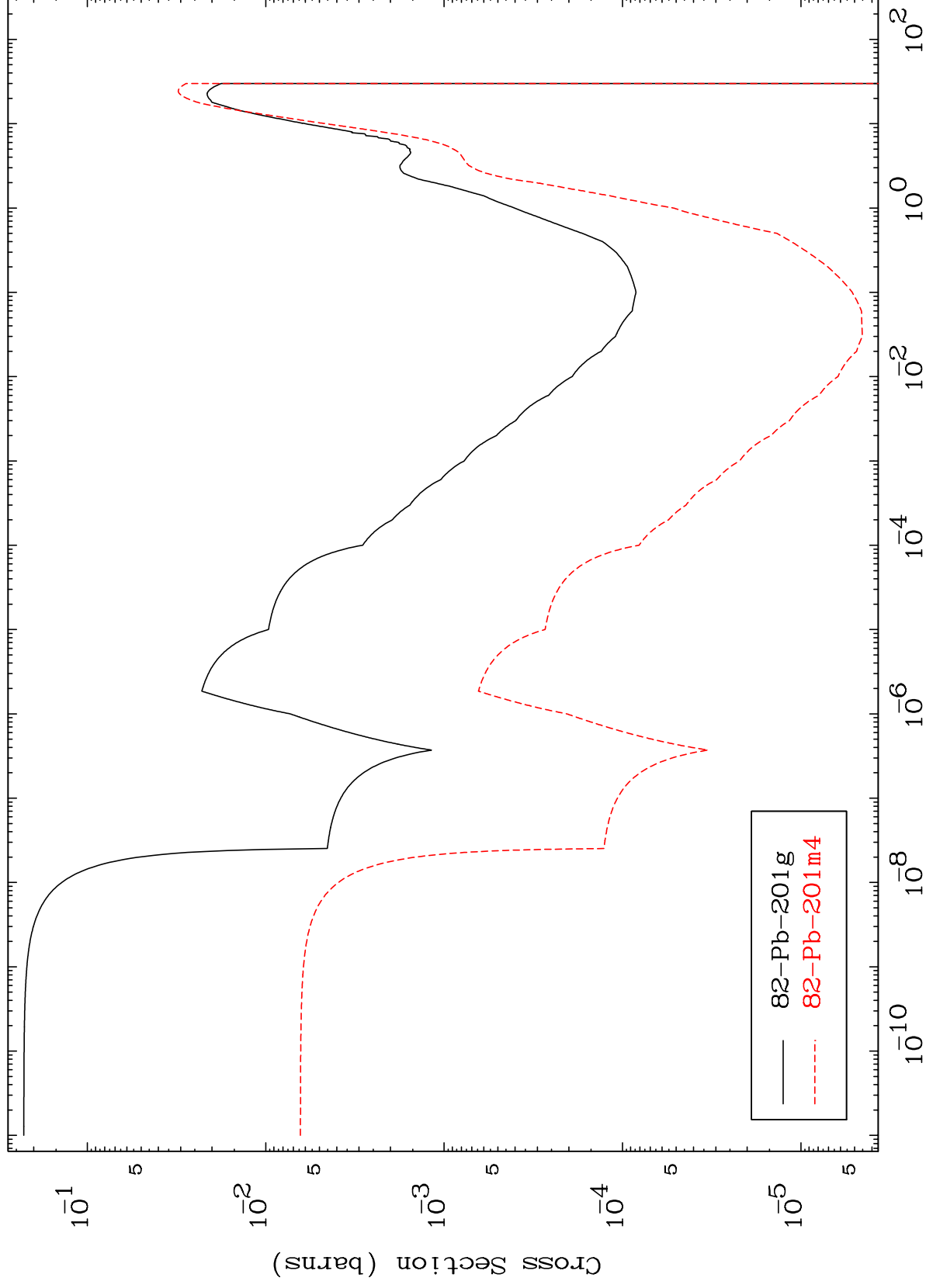


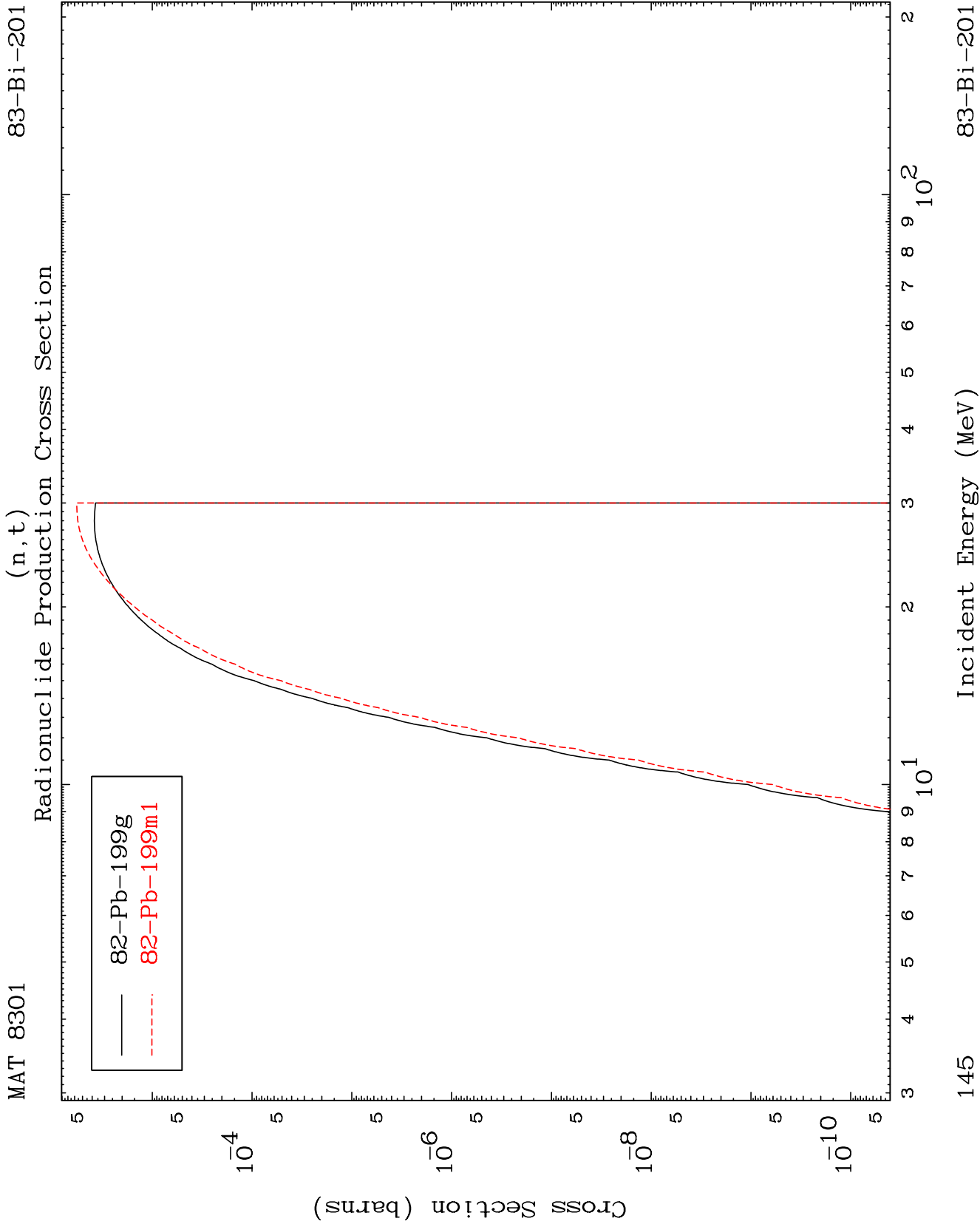


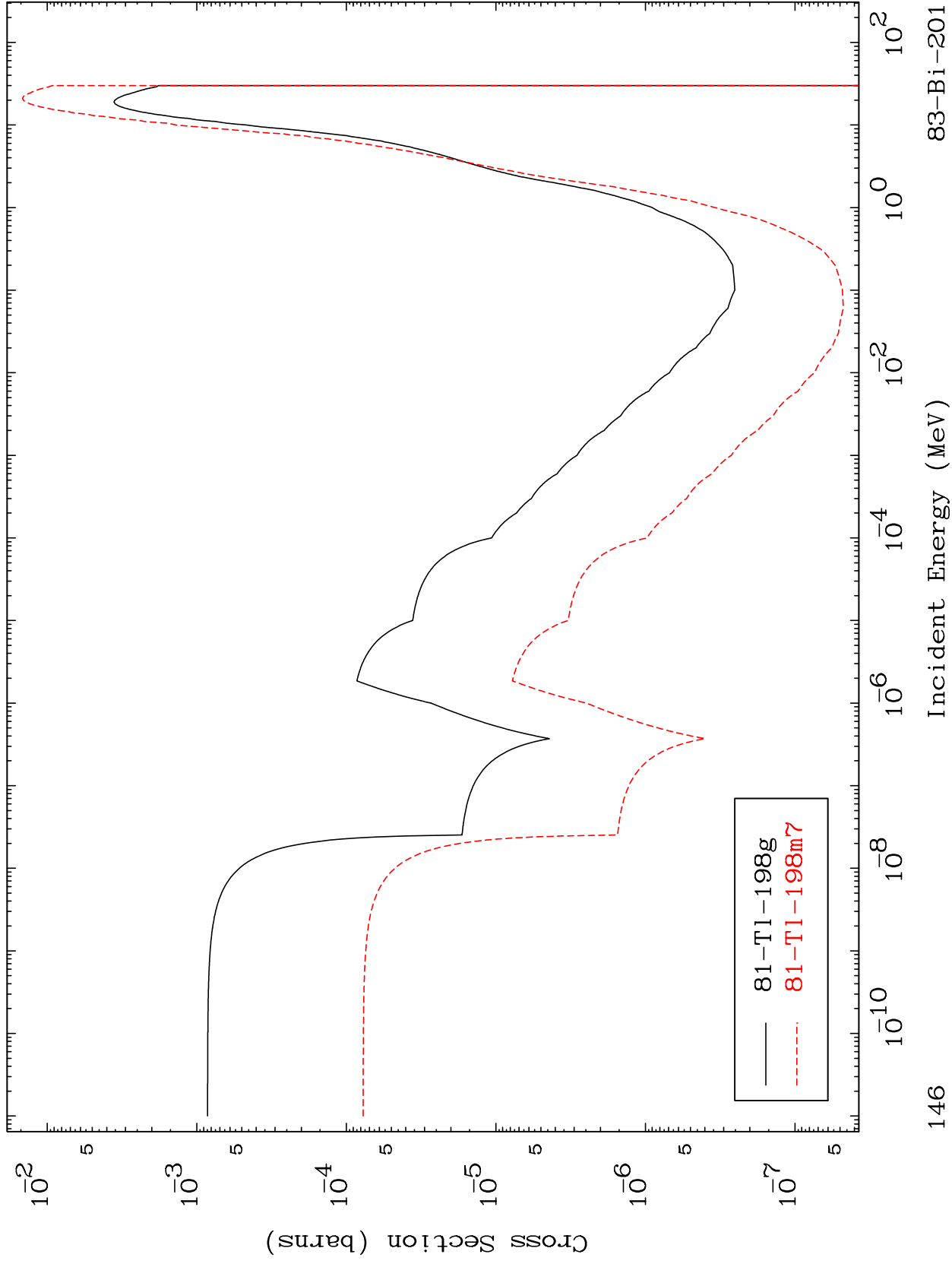


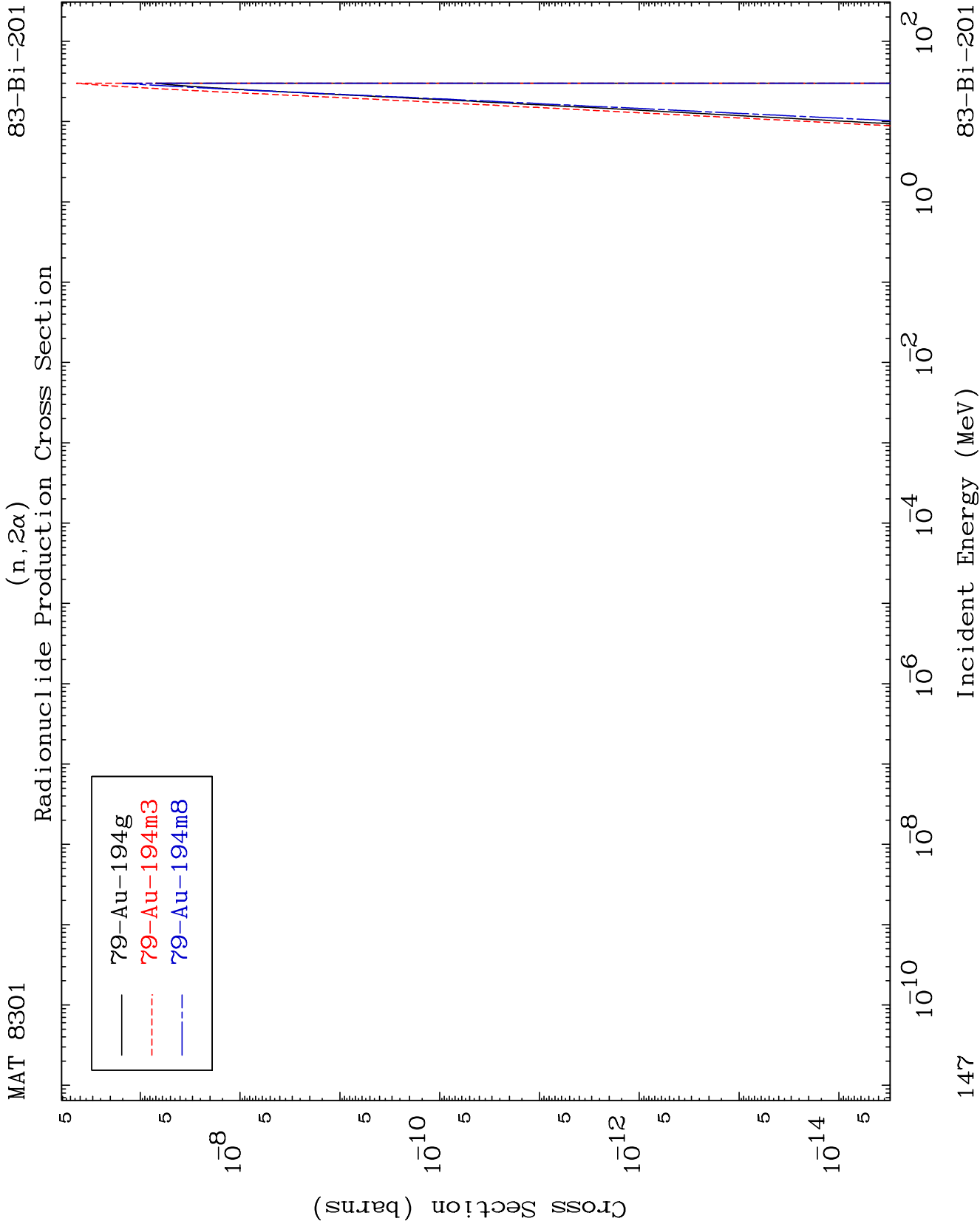
(n,2n) p
Radionuclide Production Cross Section



(n,p)
Radionuclide Production Cross Section



(n, α)
Radionuclide Production Cross Section



MAT 8301

(n,p) α

83-Bi-201

Radionuclide Production Cross Section

