

Program EVALPLOT
(Version 2021-1)

by

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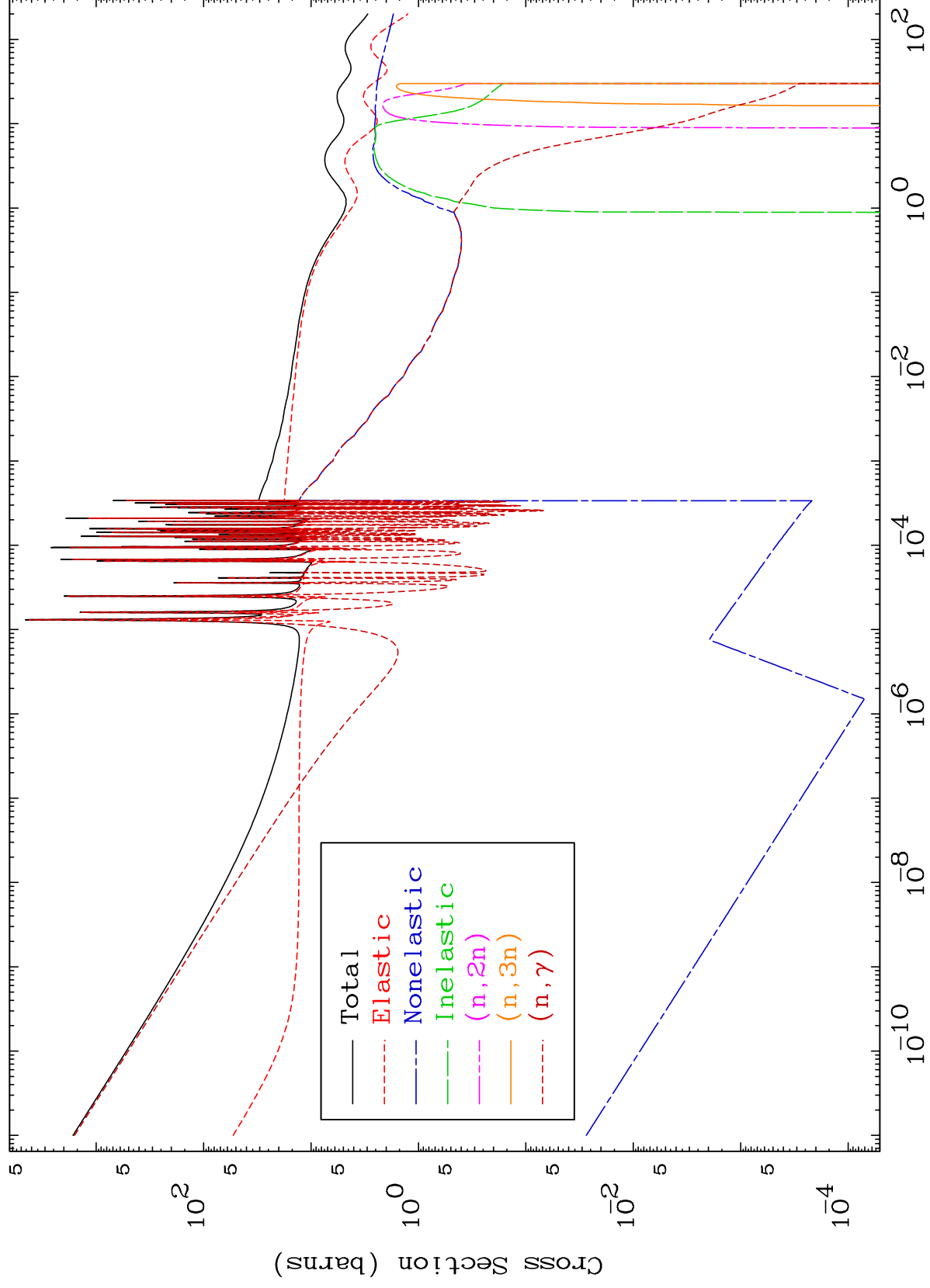
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8307

Neutron Major
293 Kelvin Cross Sections

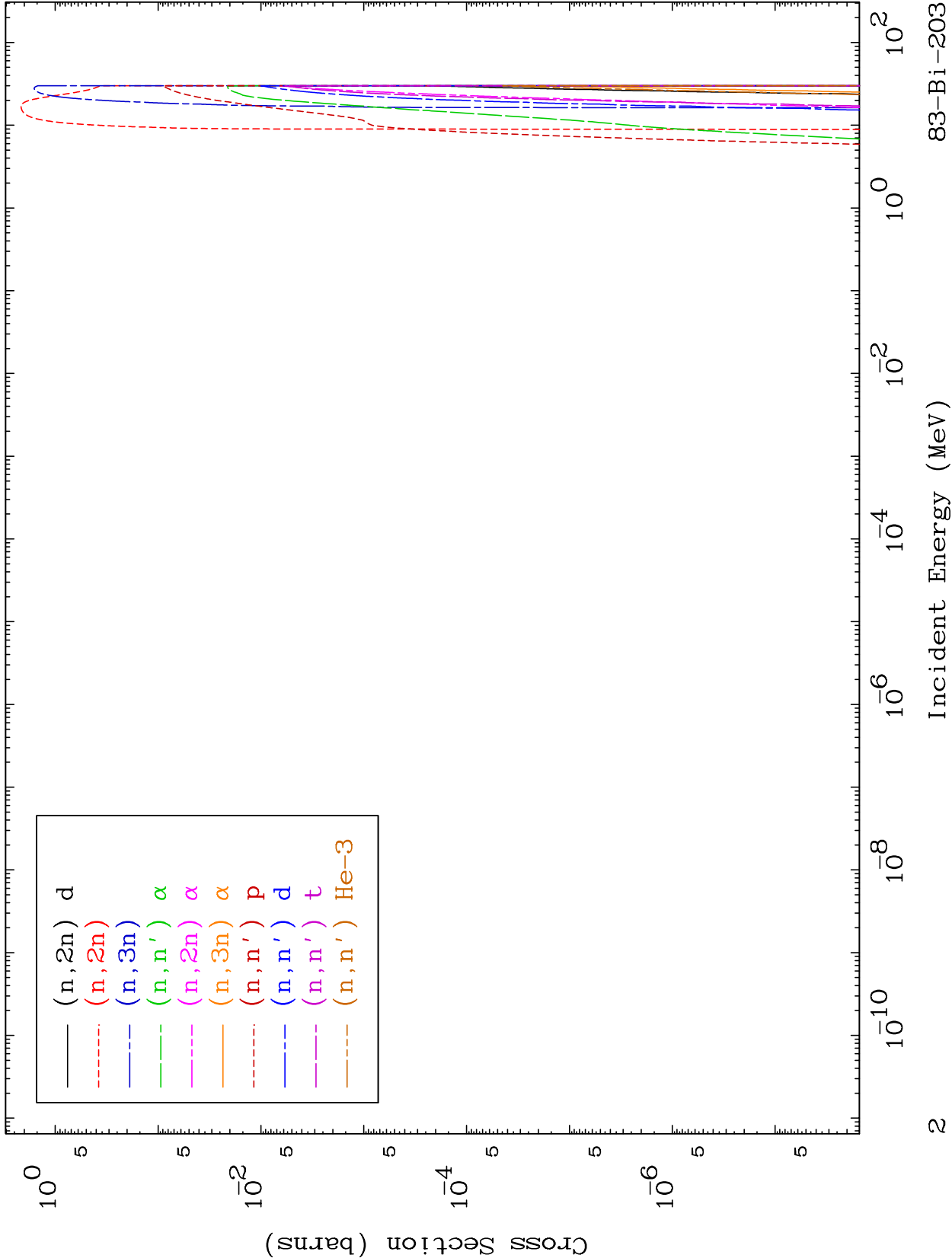
83-Bi-203

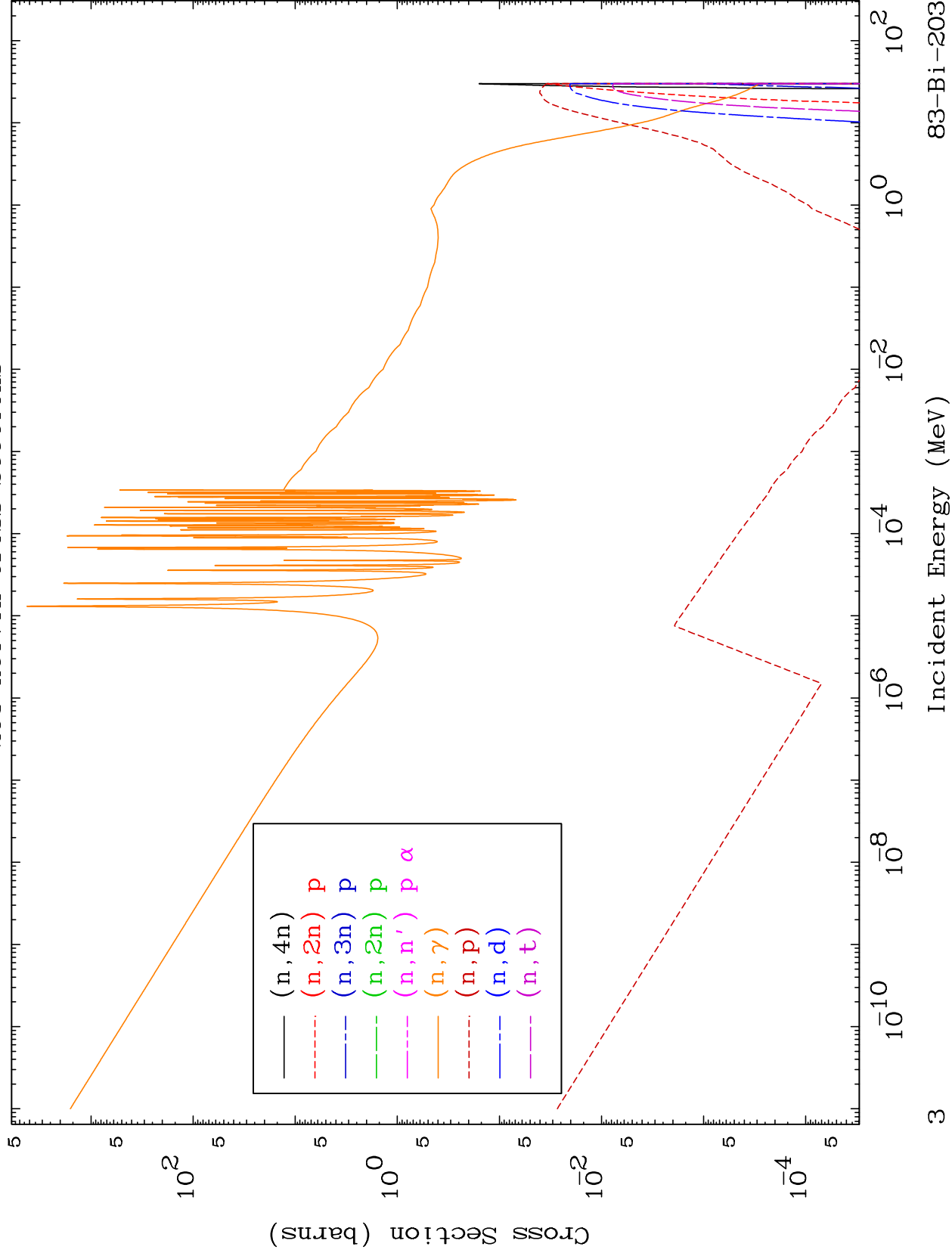


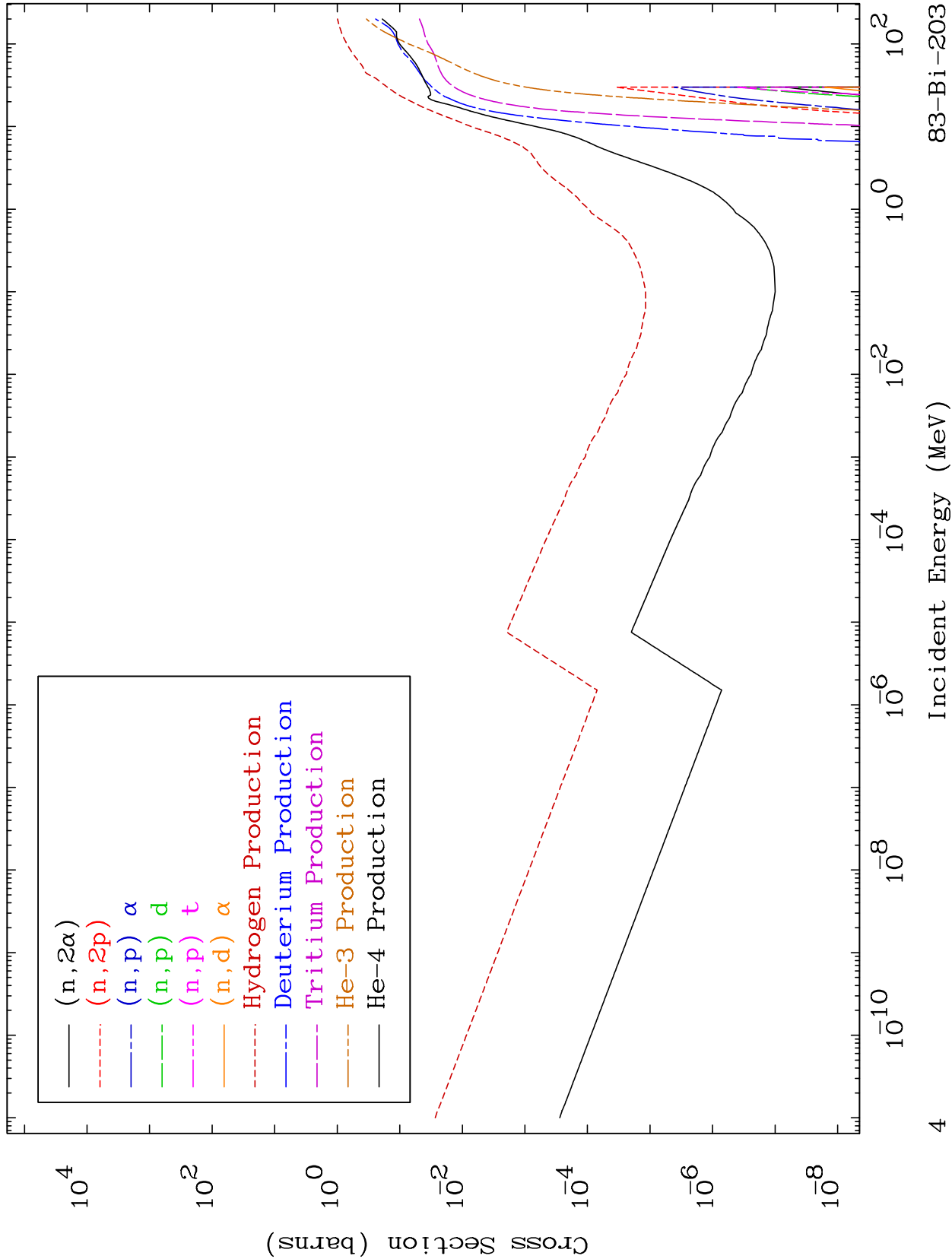
MAT 8307

Neutron Absorption
293 Kelvin Cross Sections

83-Bi-203



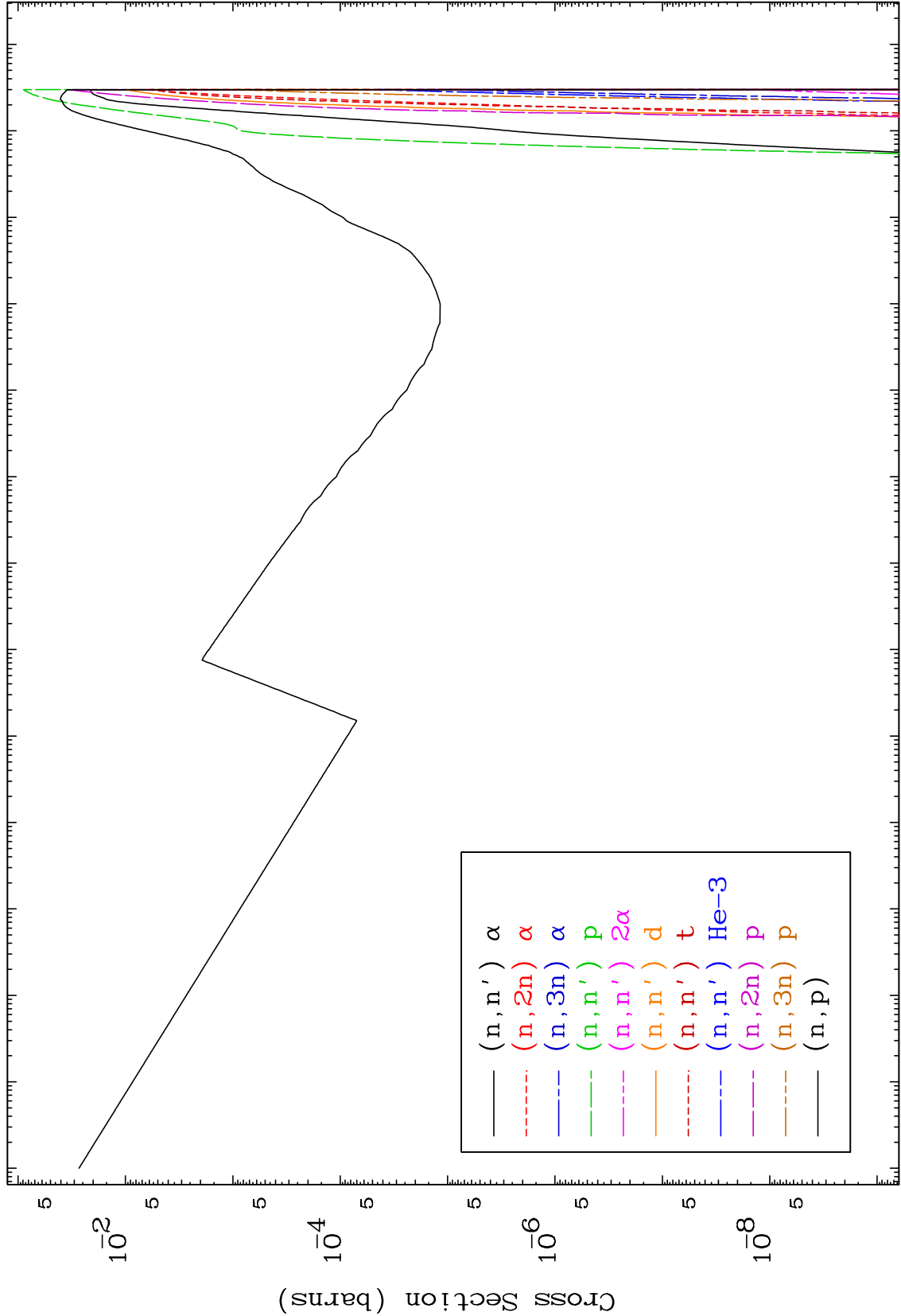


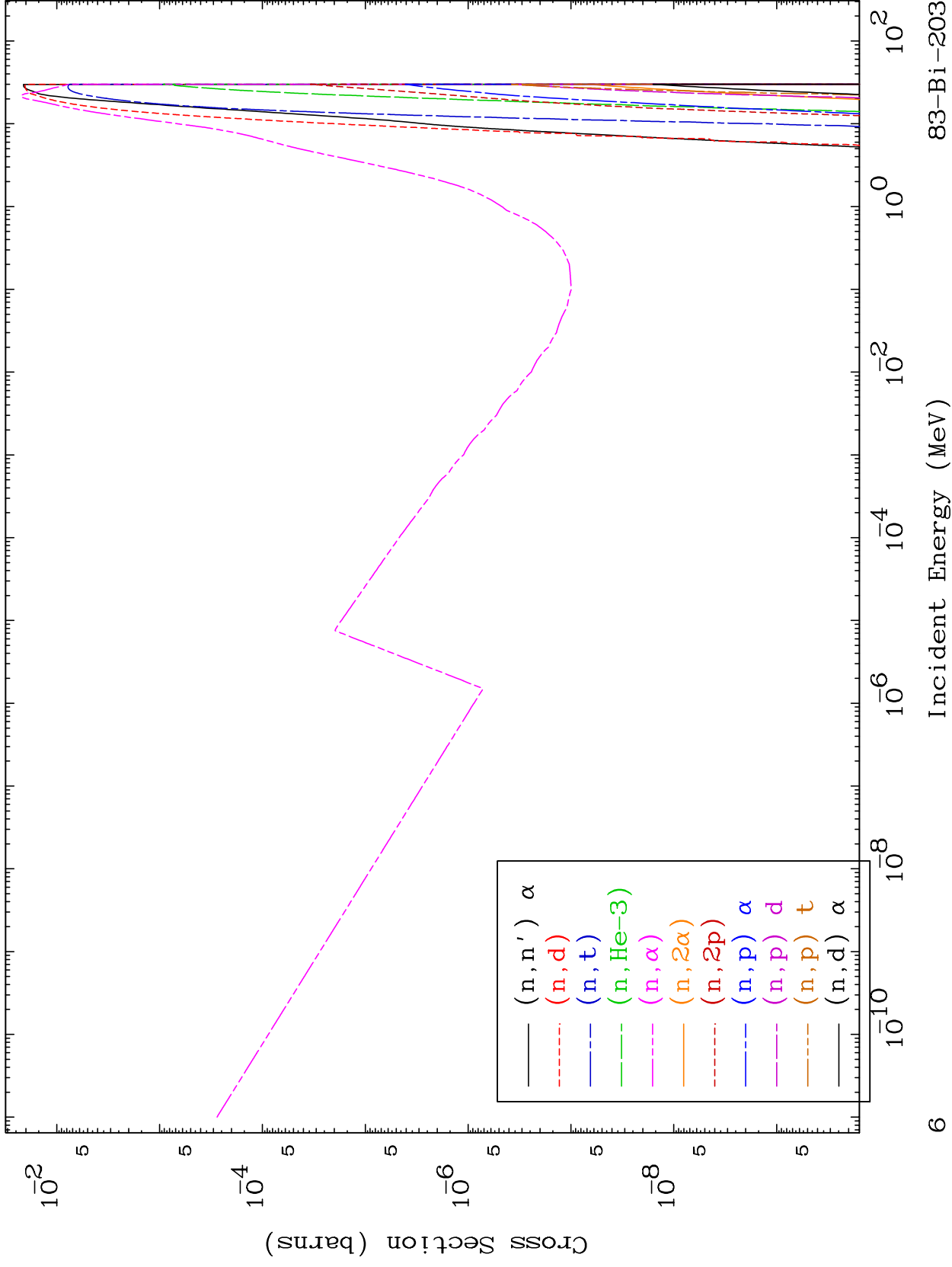


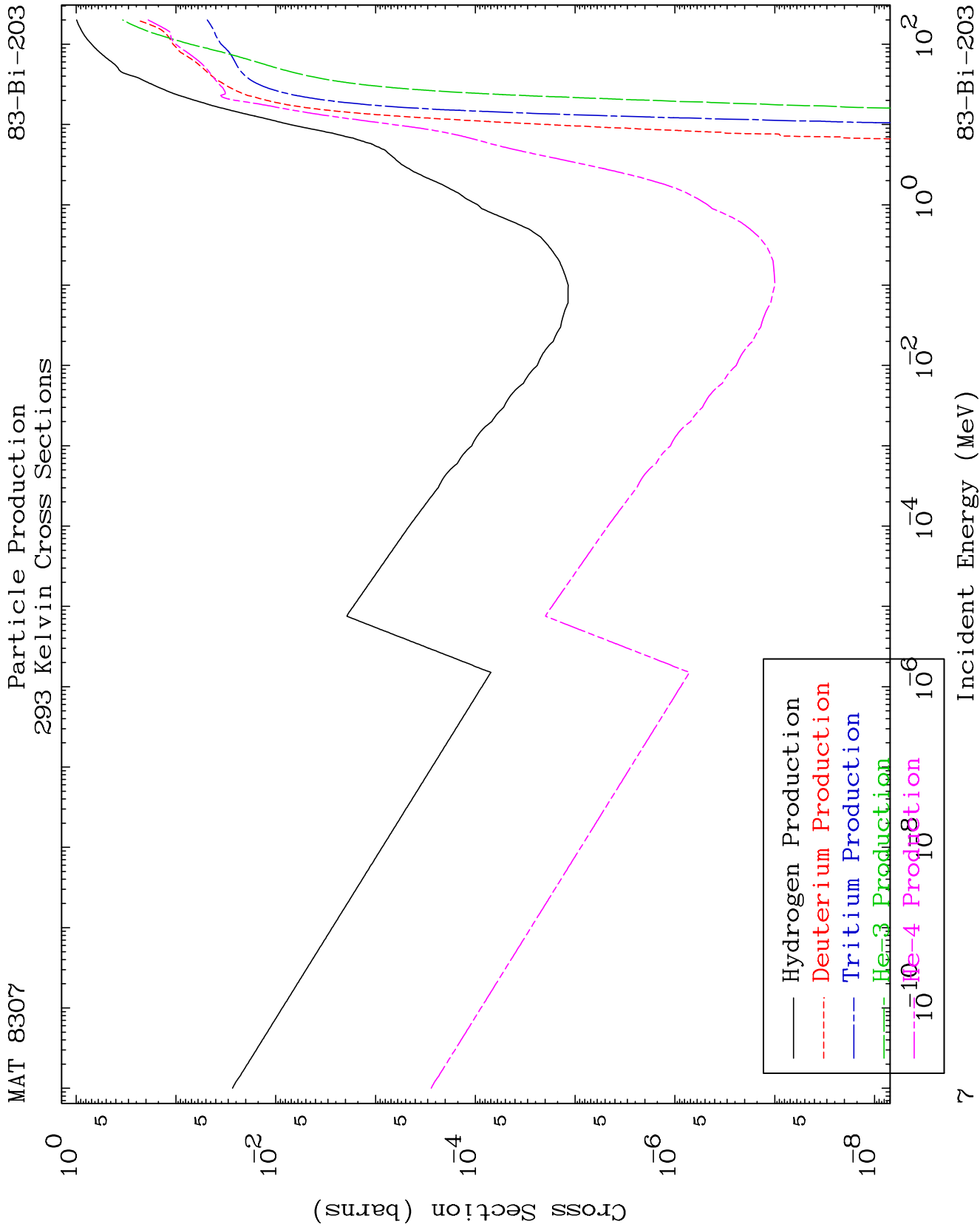
MAT 8307

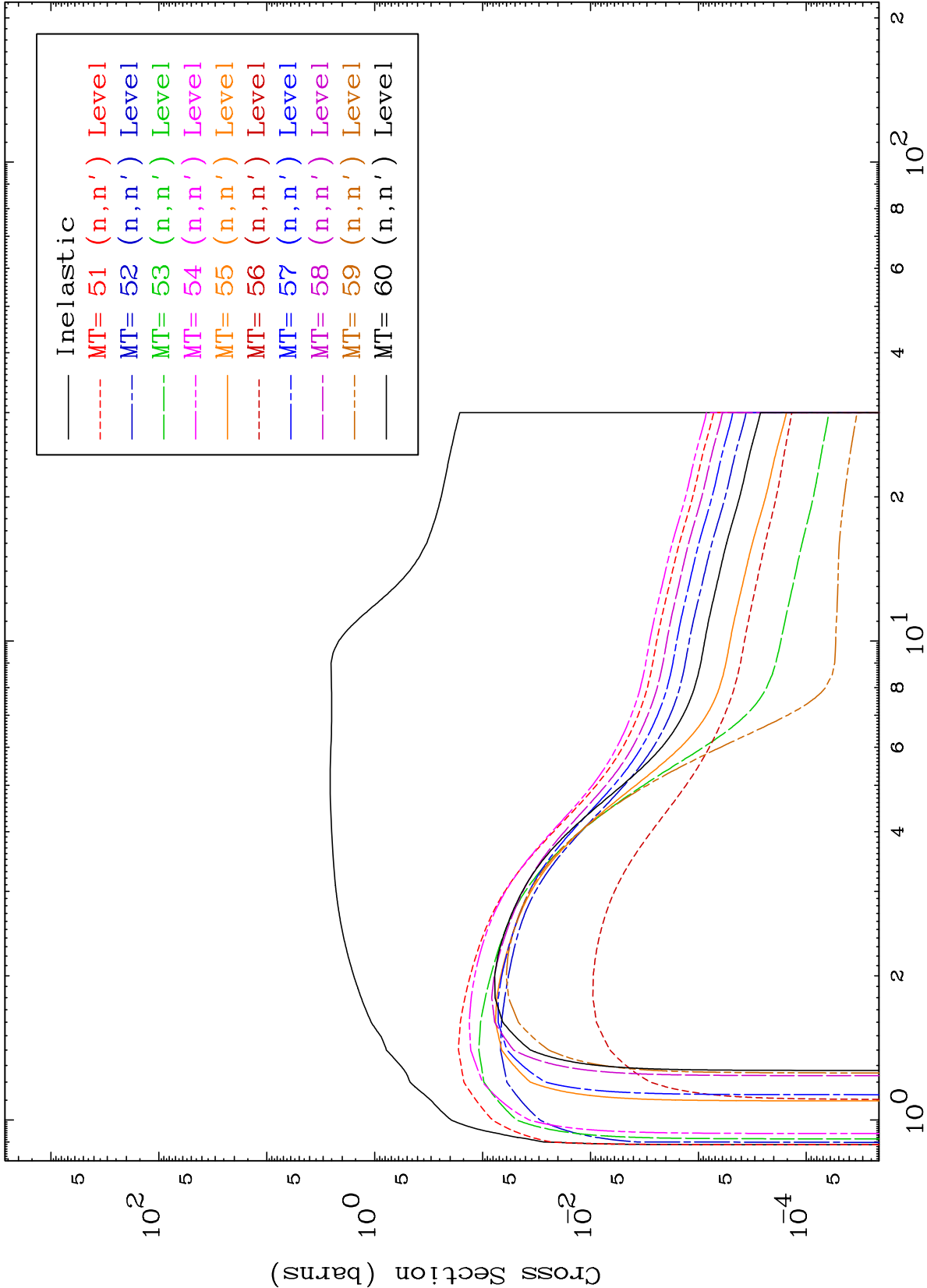
Charged Particle
293 Kelvin Cross Sections

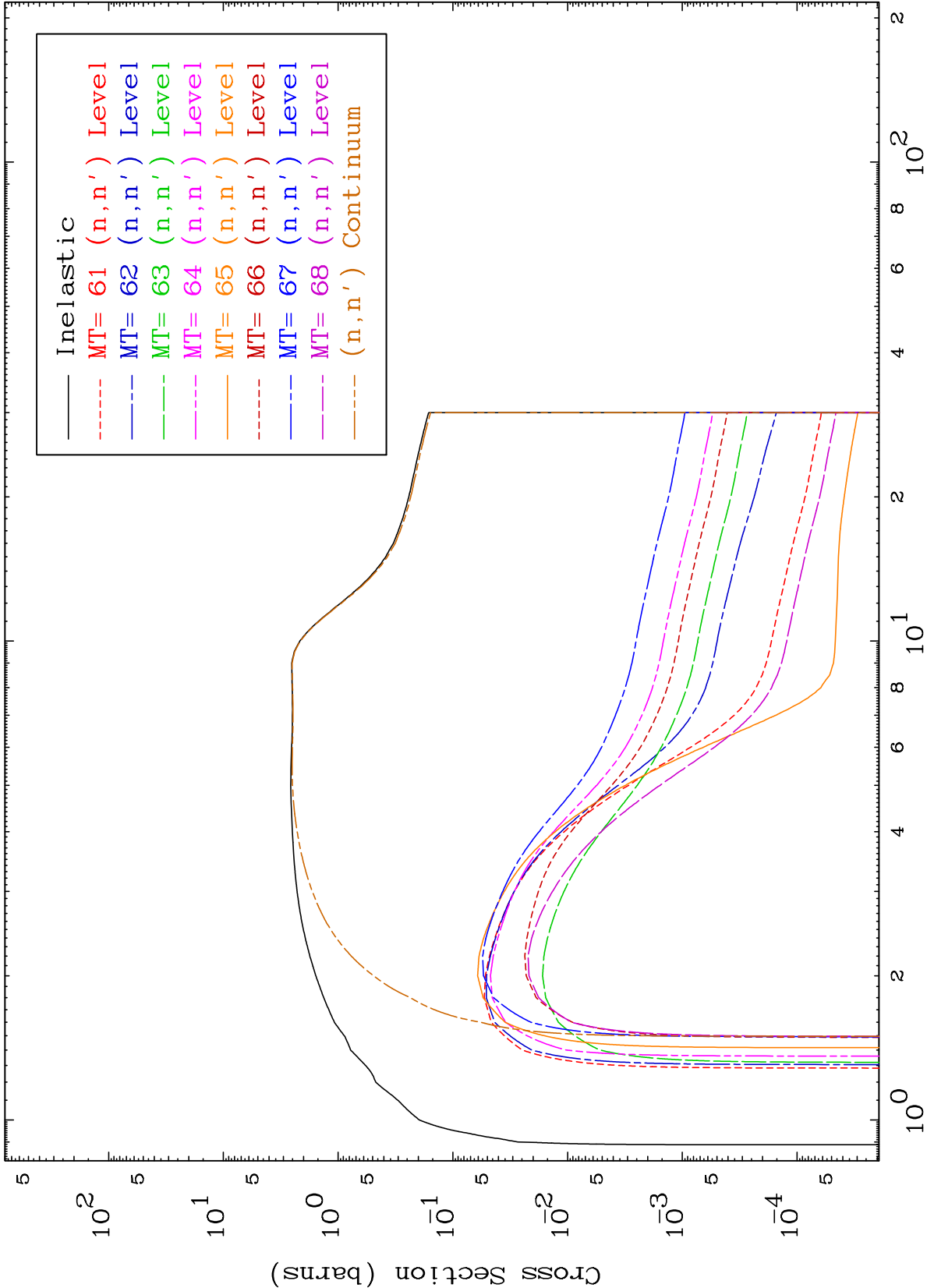
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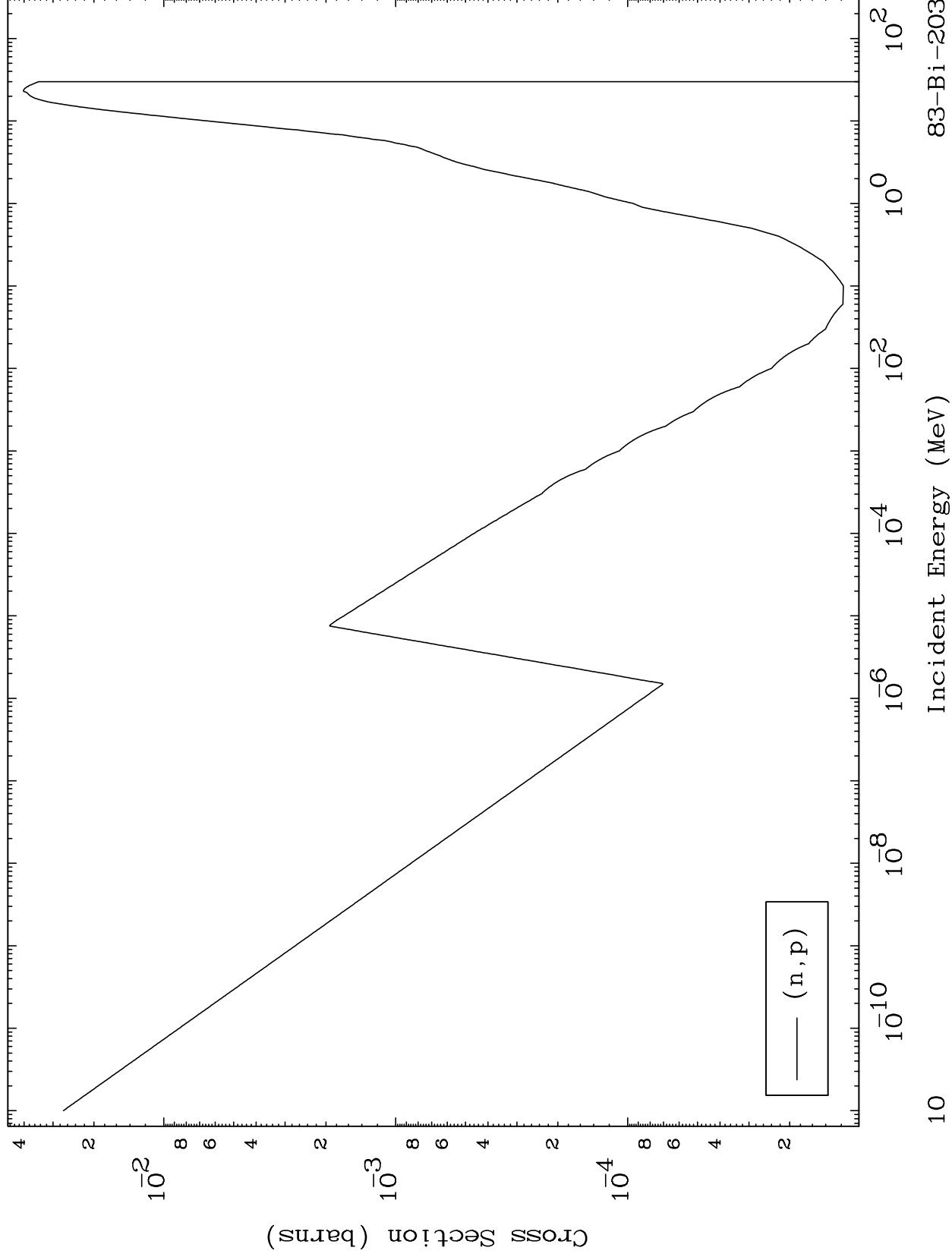




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(n,p) Levels
293 Kelvin Cross Sections

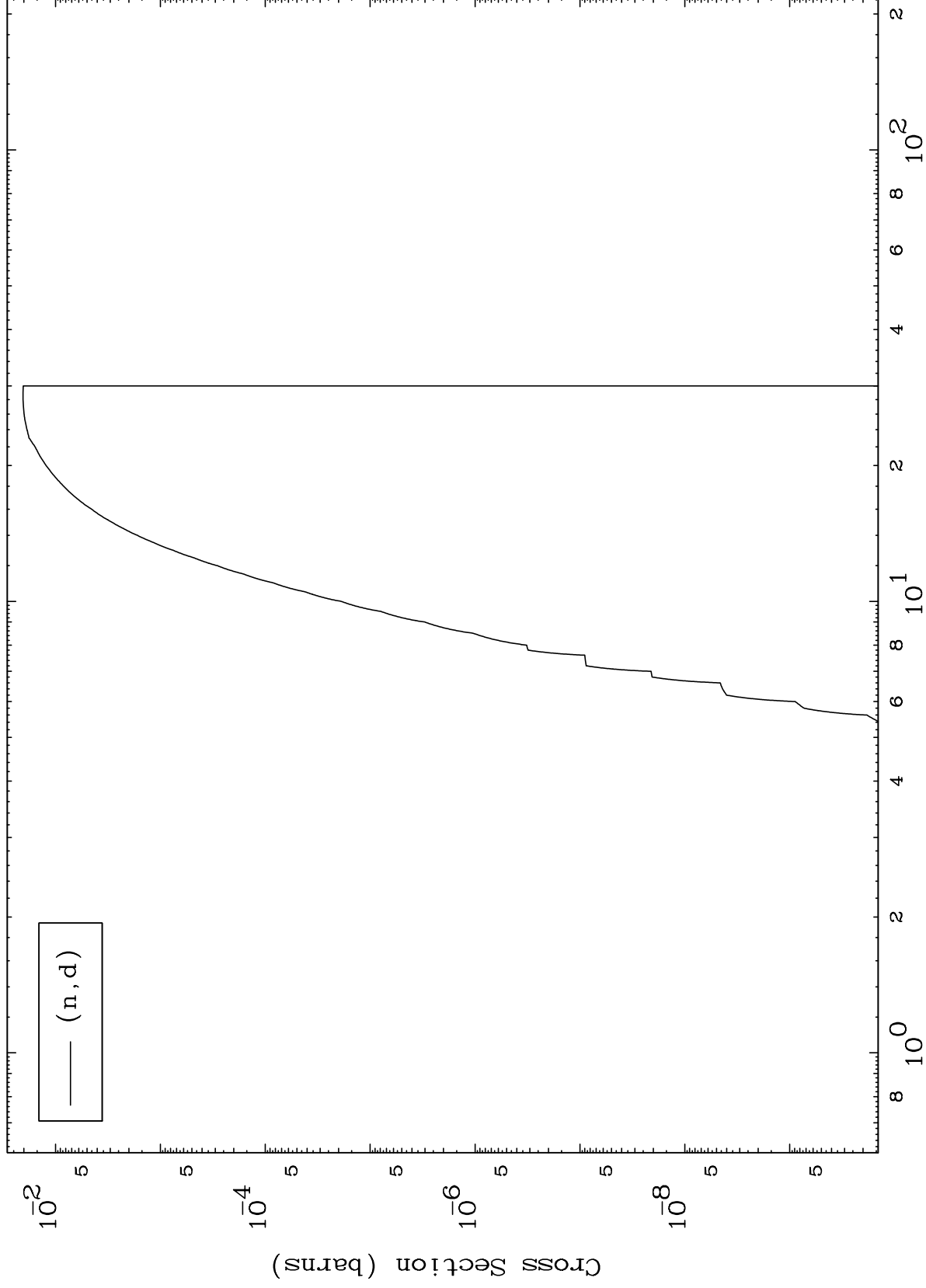
83-Bi-203



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83-Bi-203

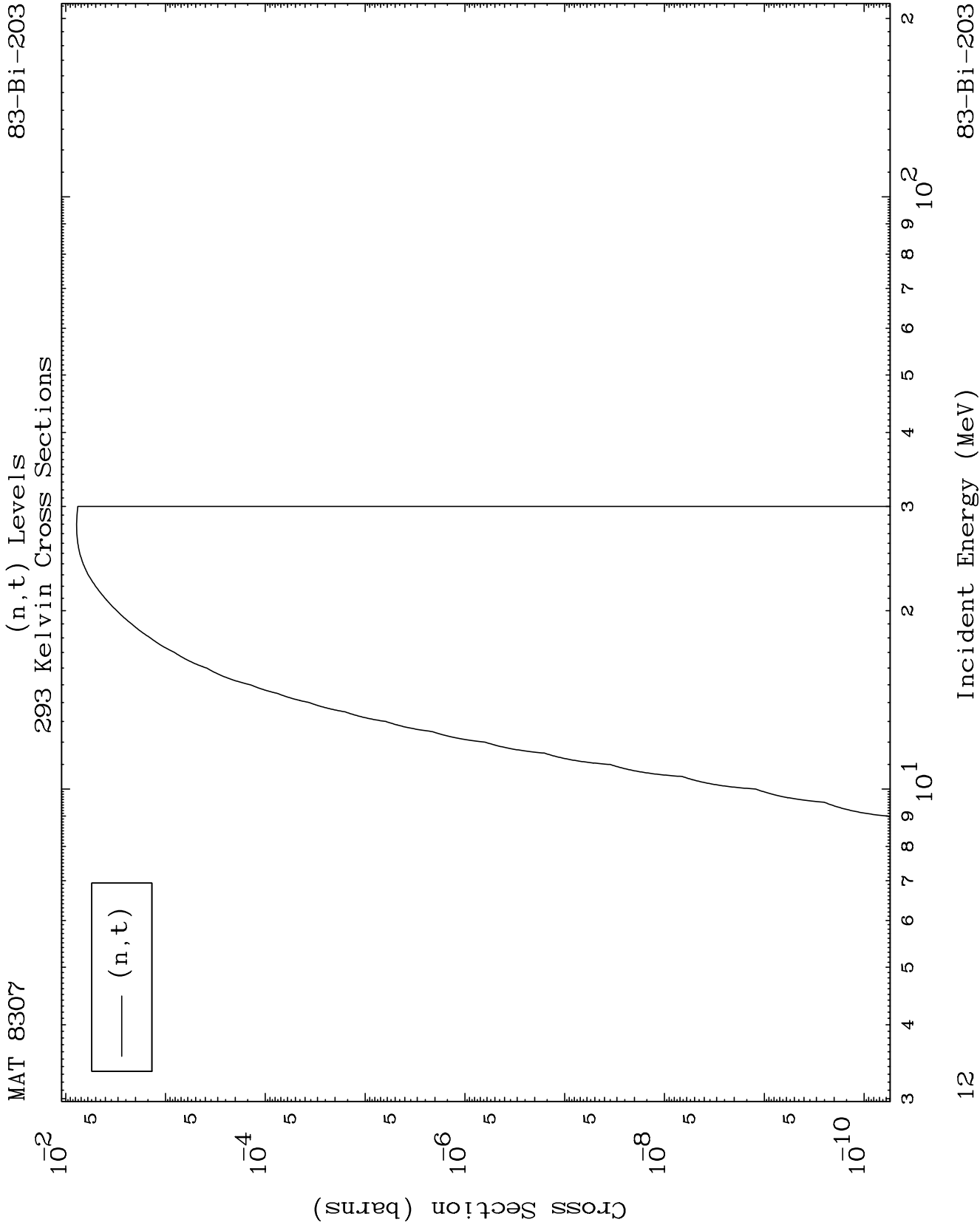
(n,d) Levels
293 Kelvin Cross Sections



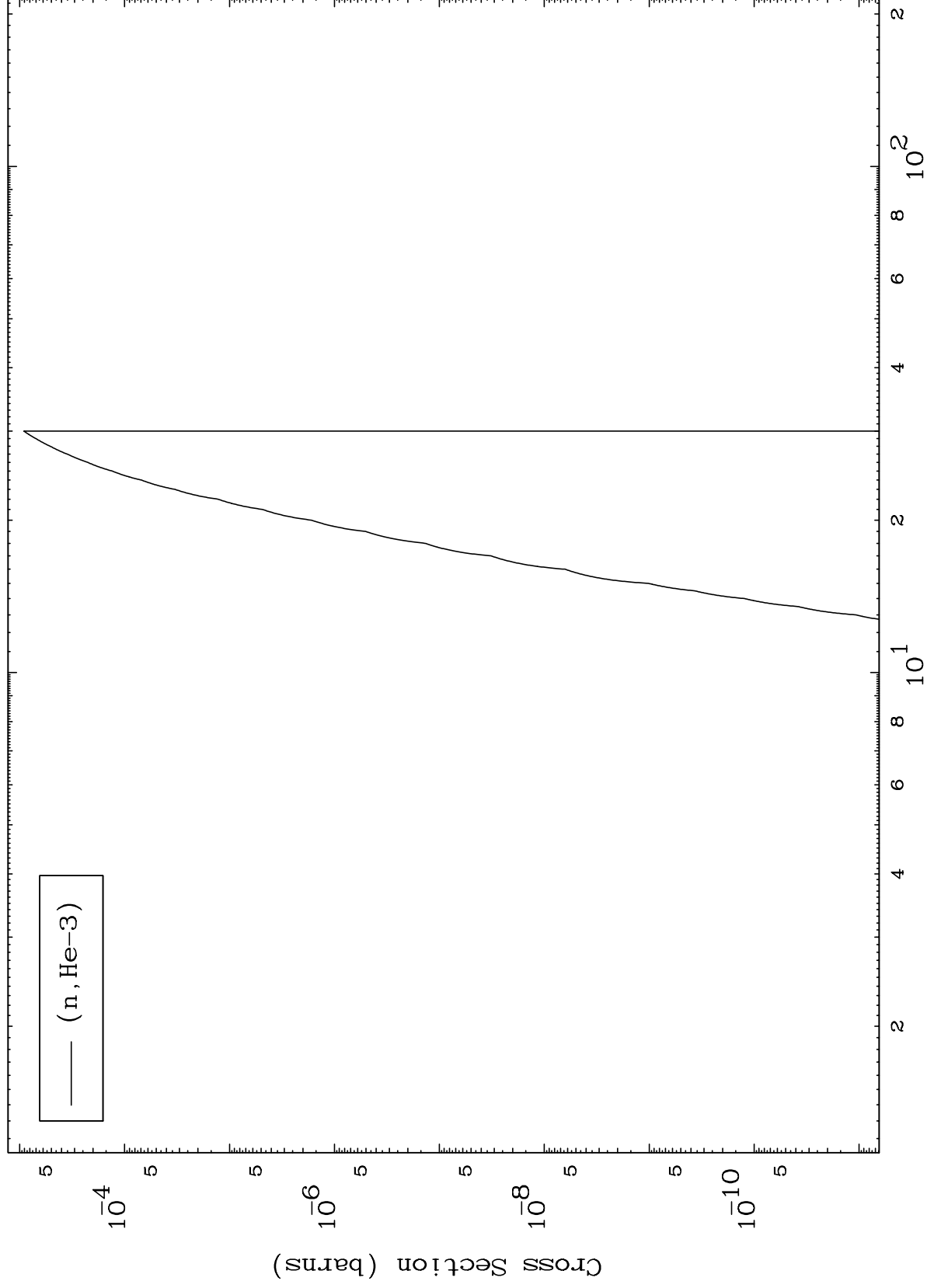
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Incident Energy (MeV)

83-Bi-203



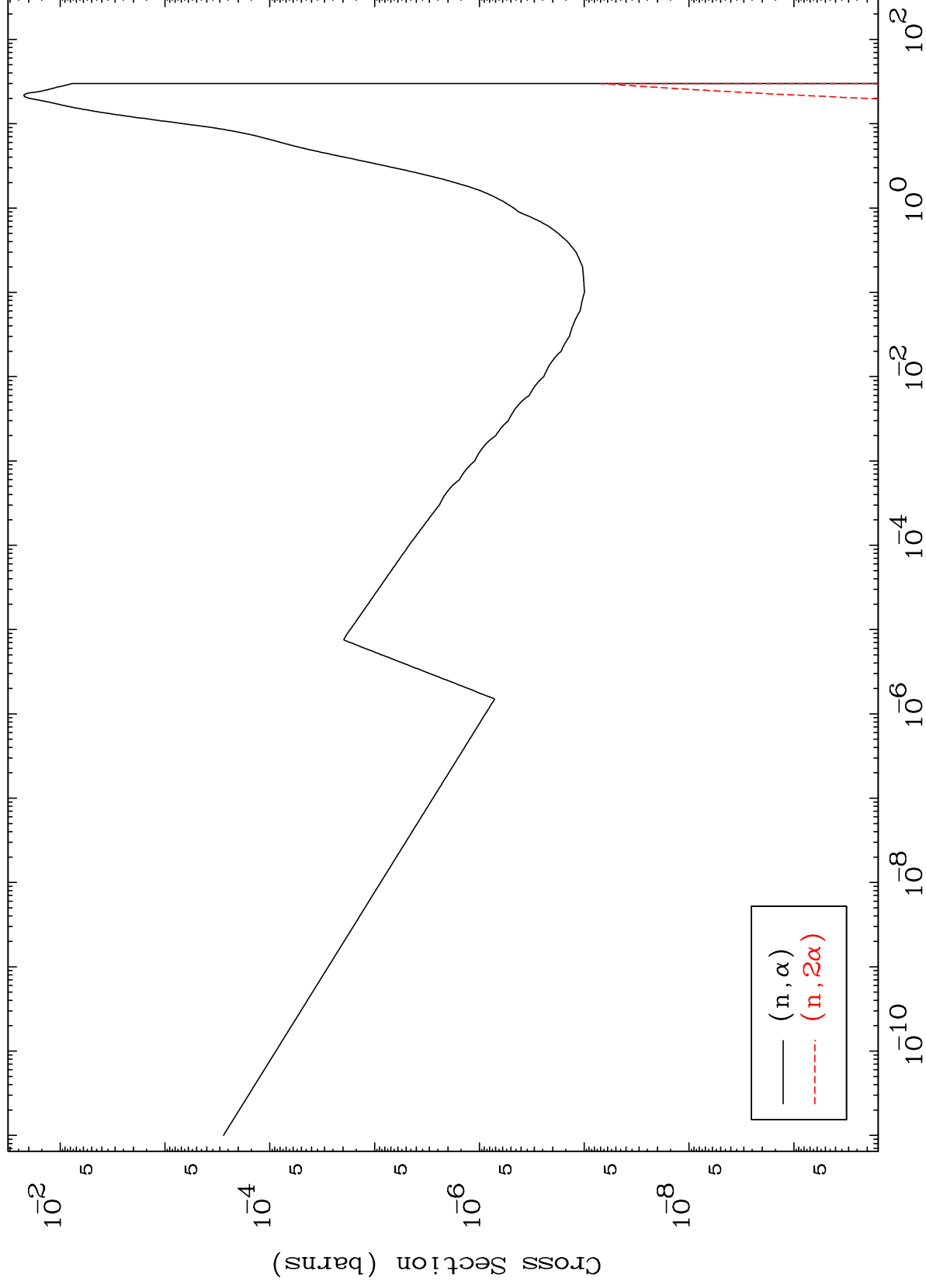
(n,He3) Levels
293 Kelvin Cross Sections



MAT 8307

83-Bi-203

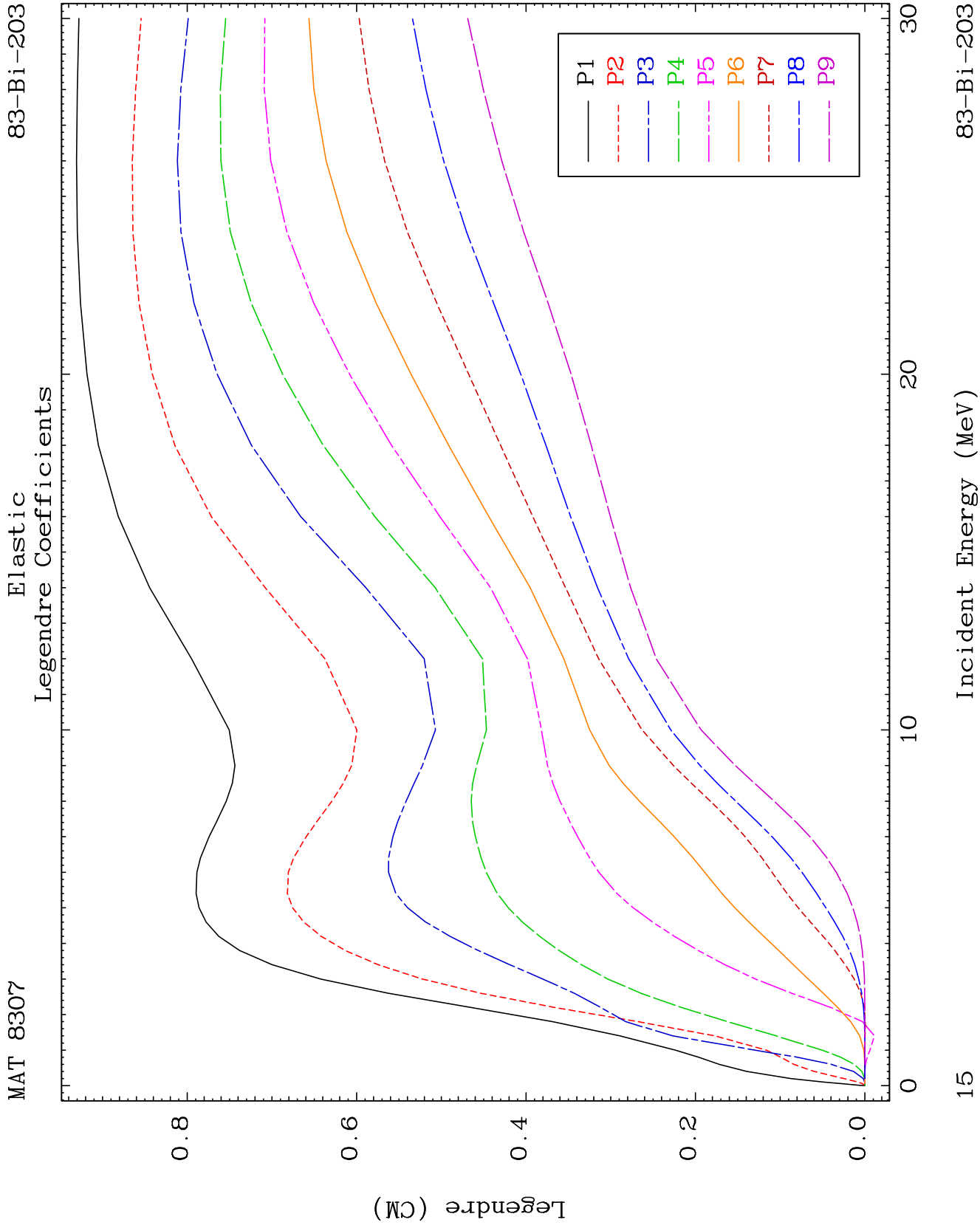
(n, α) Levels
293 Kelvin Cross Sections

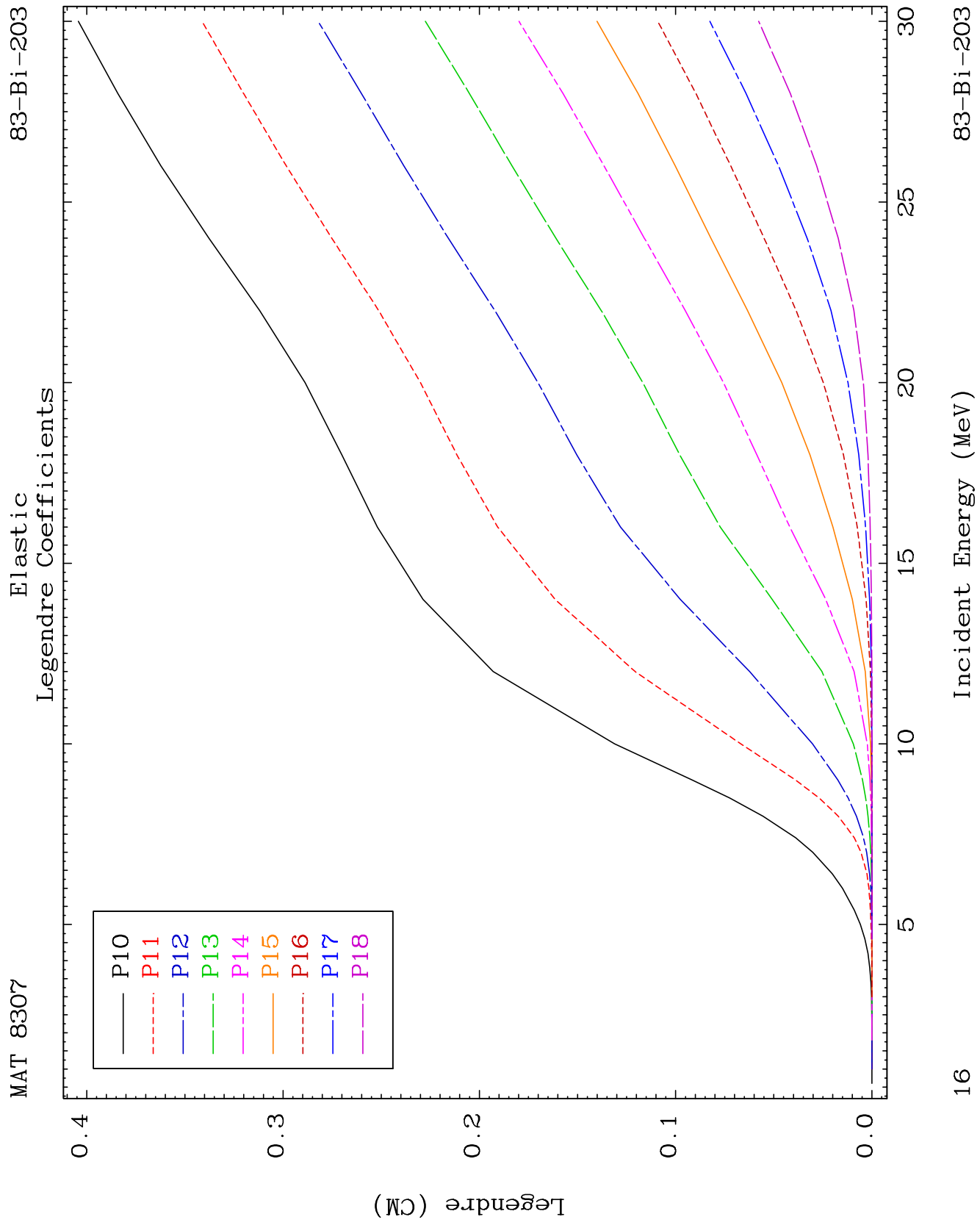


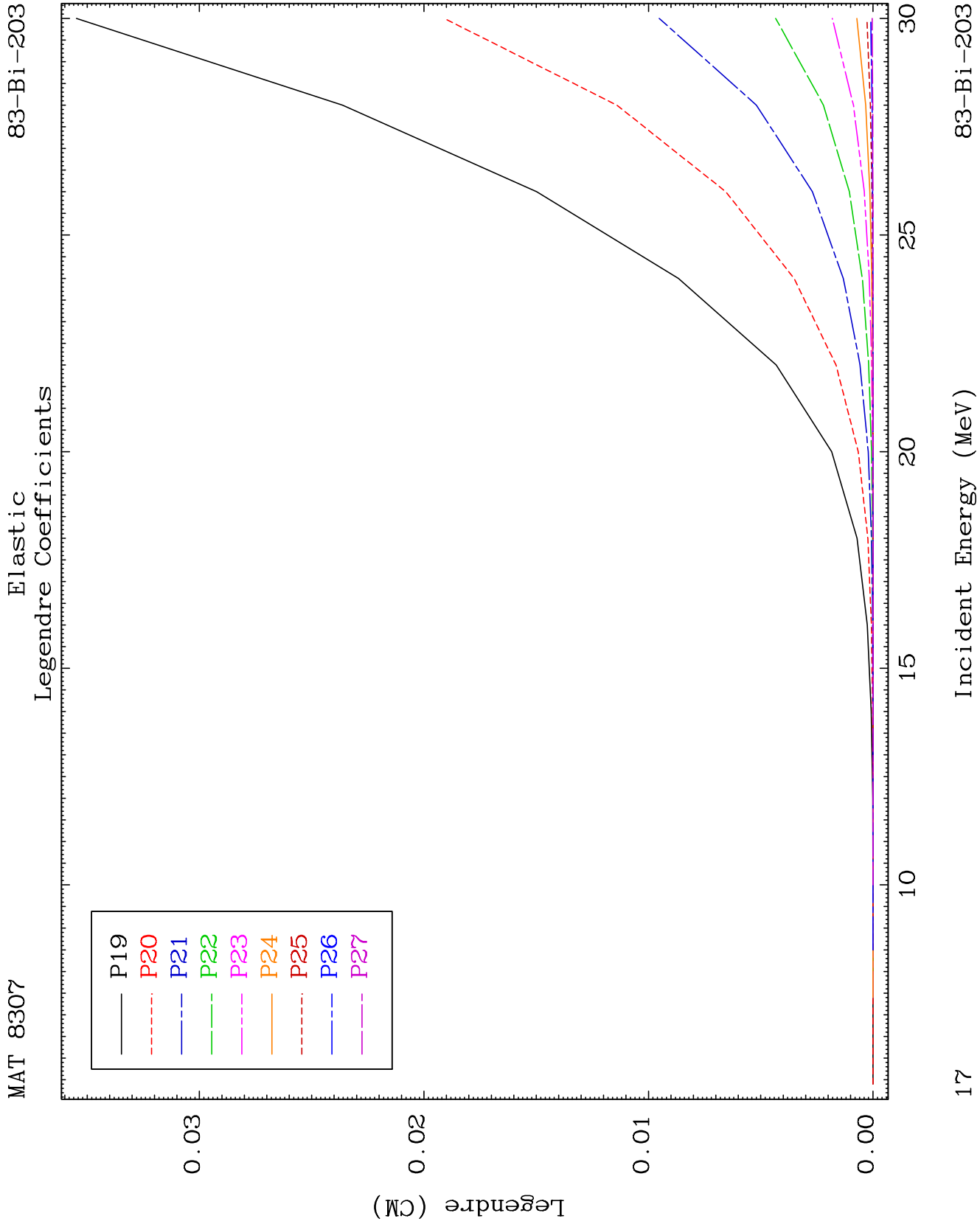
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Incident Energy (MeV)

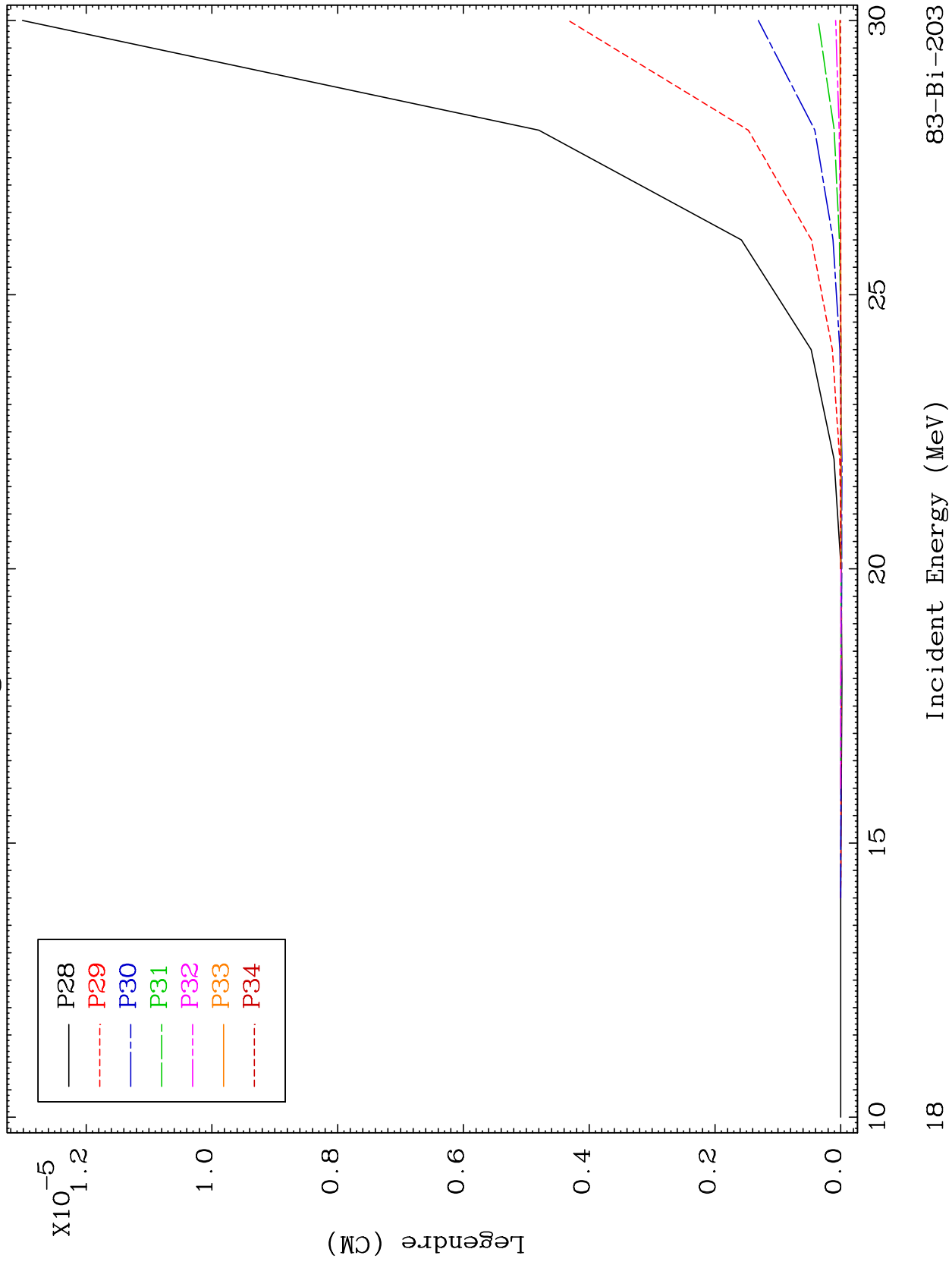
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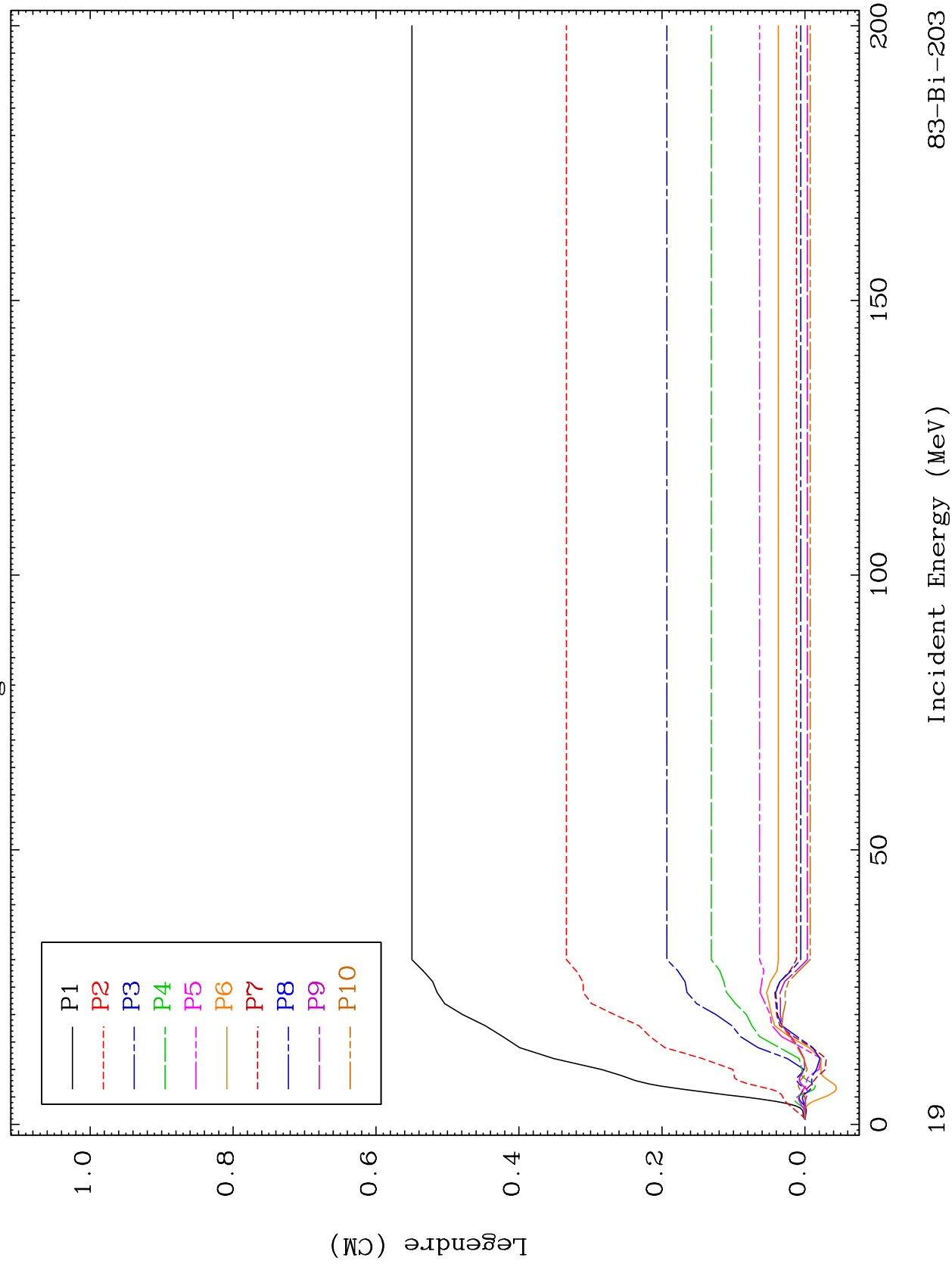
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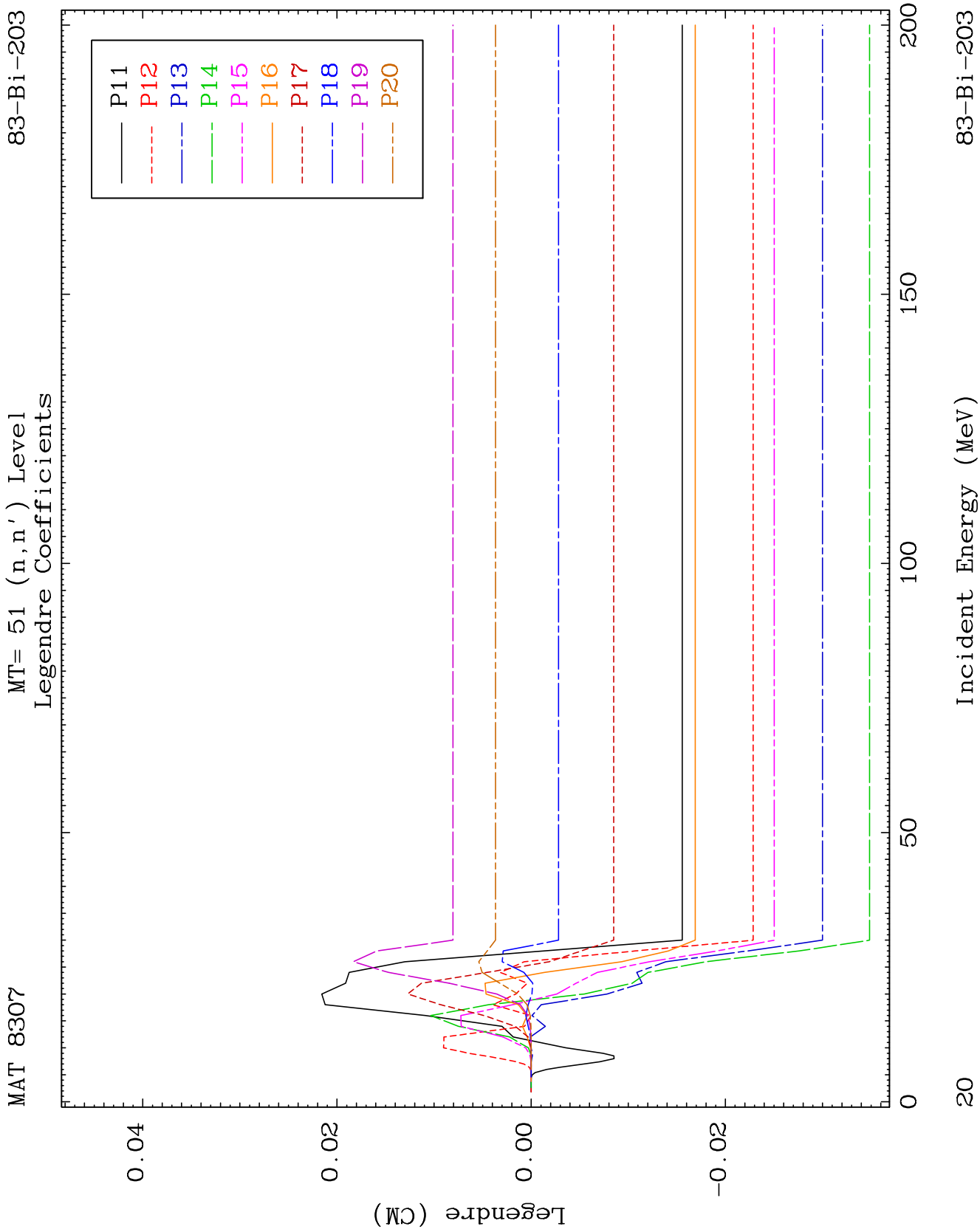


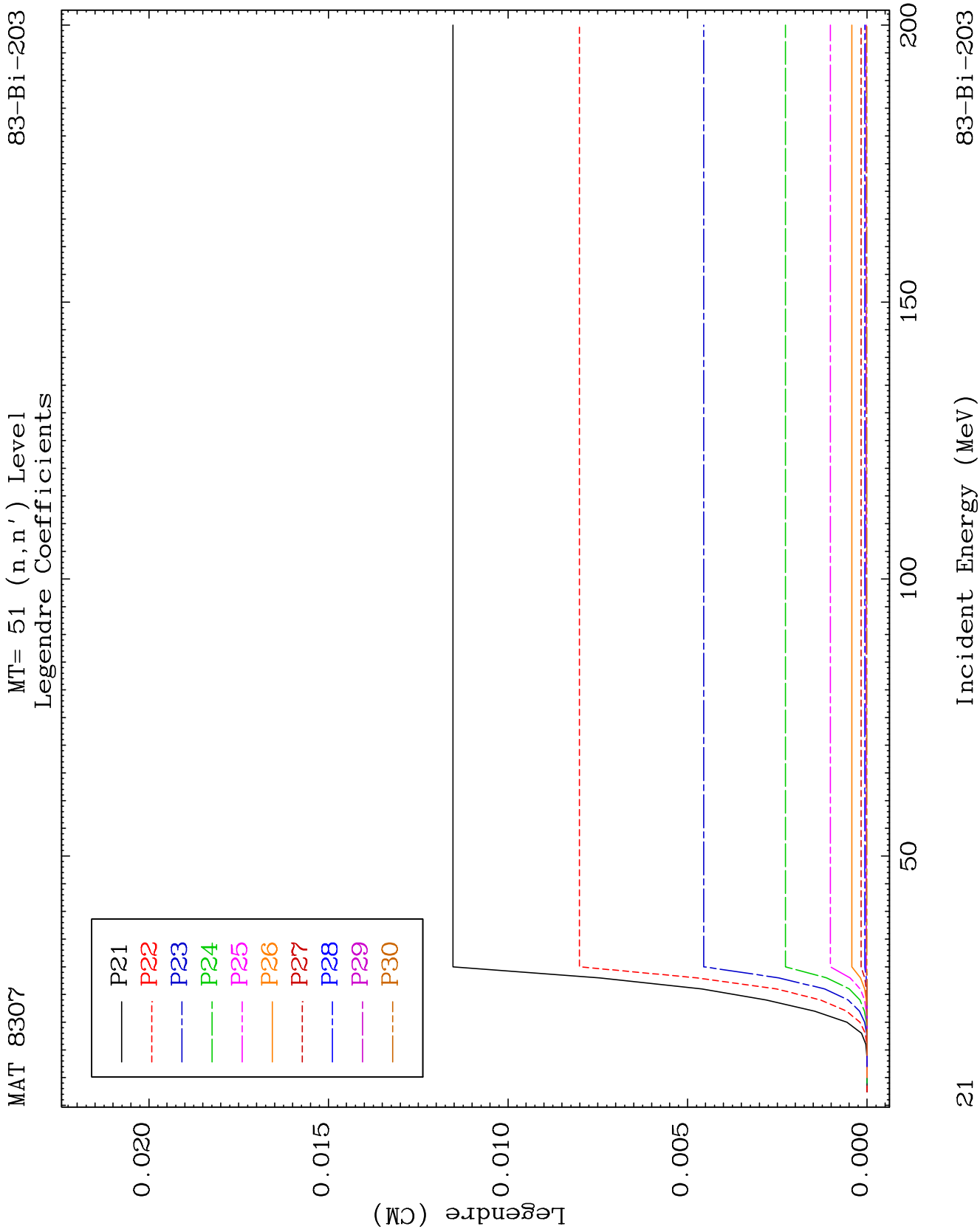
MAT 8307

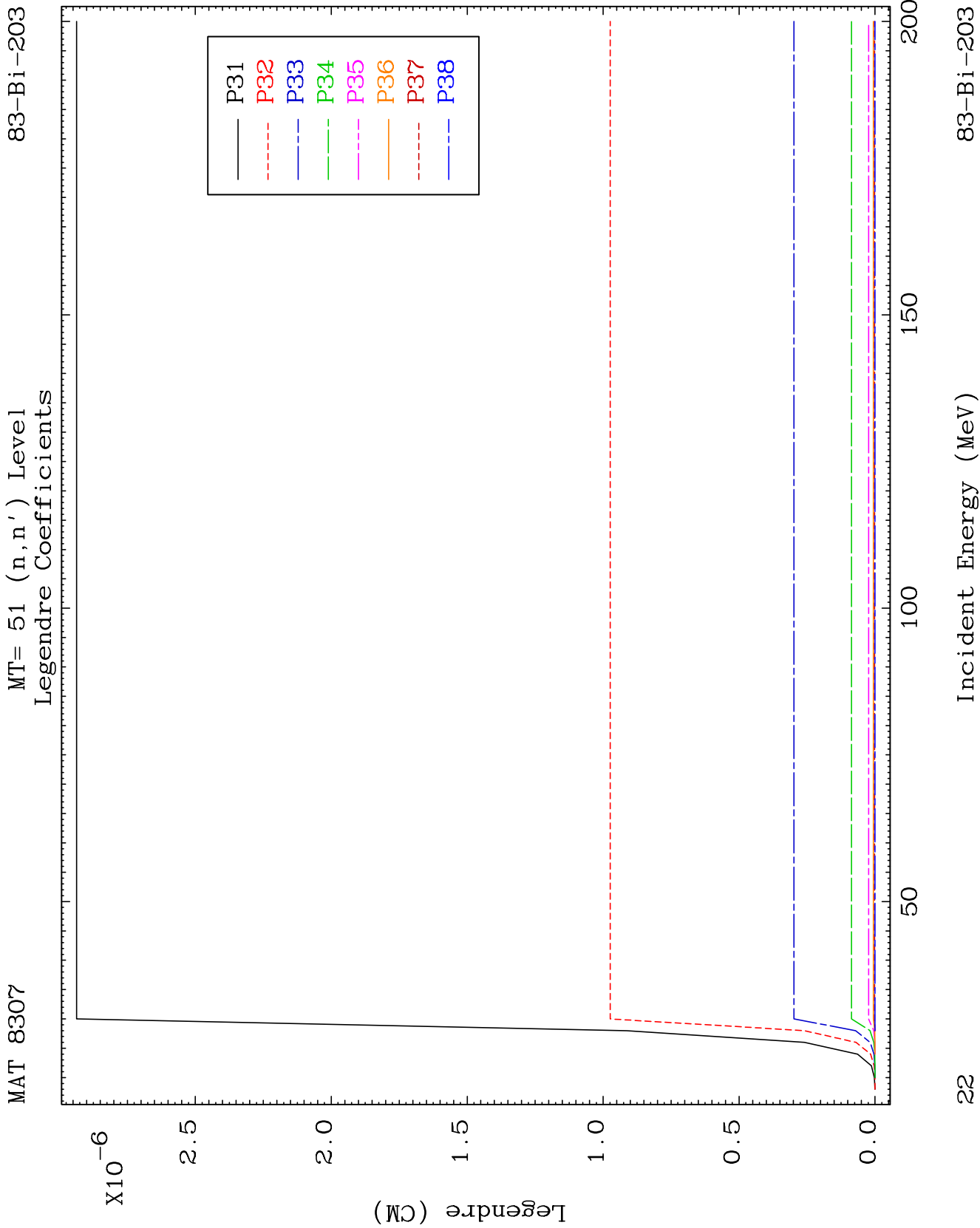
MT= 51 (n, n') Level
Legendre Coefficients

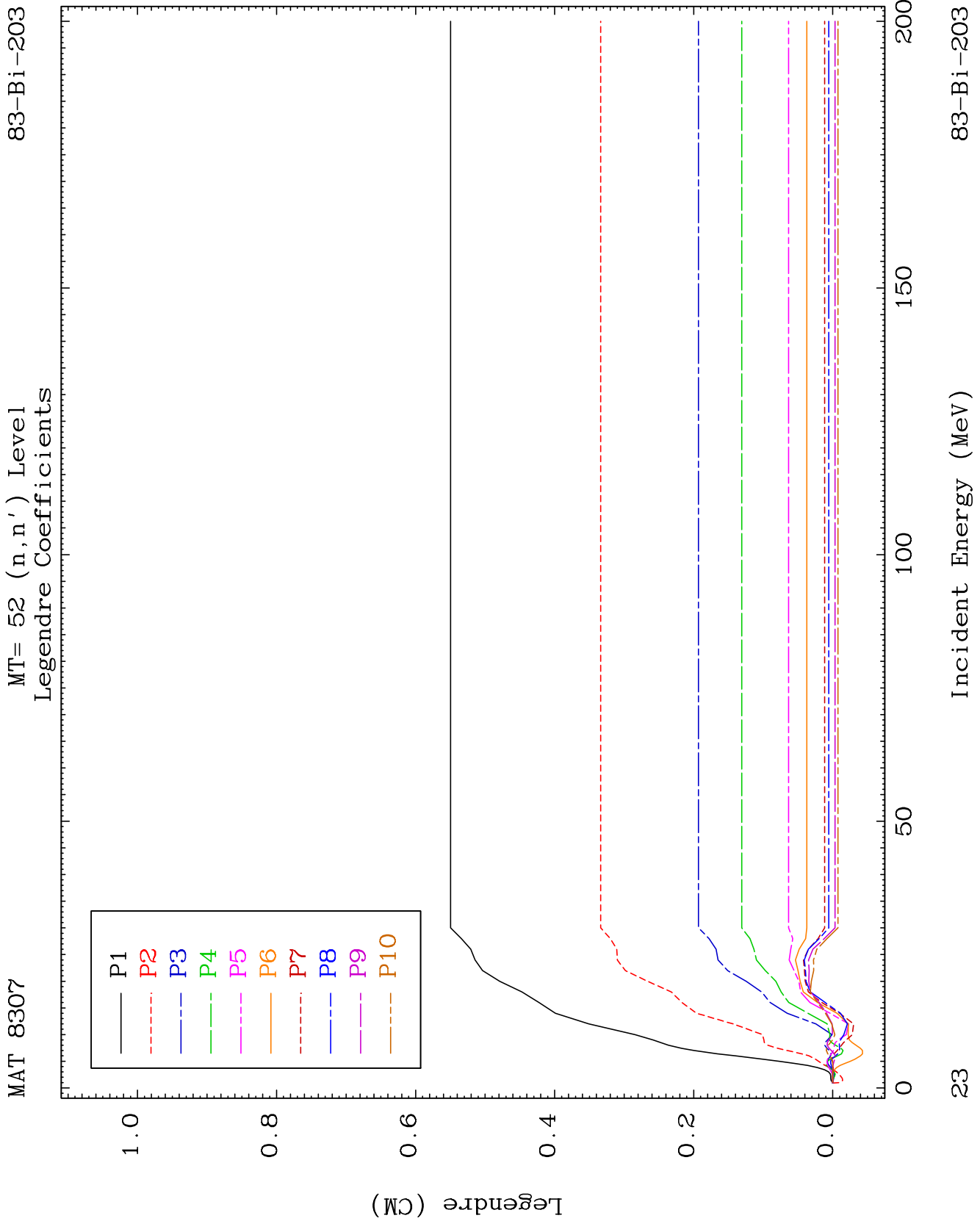
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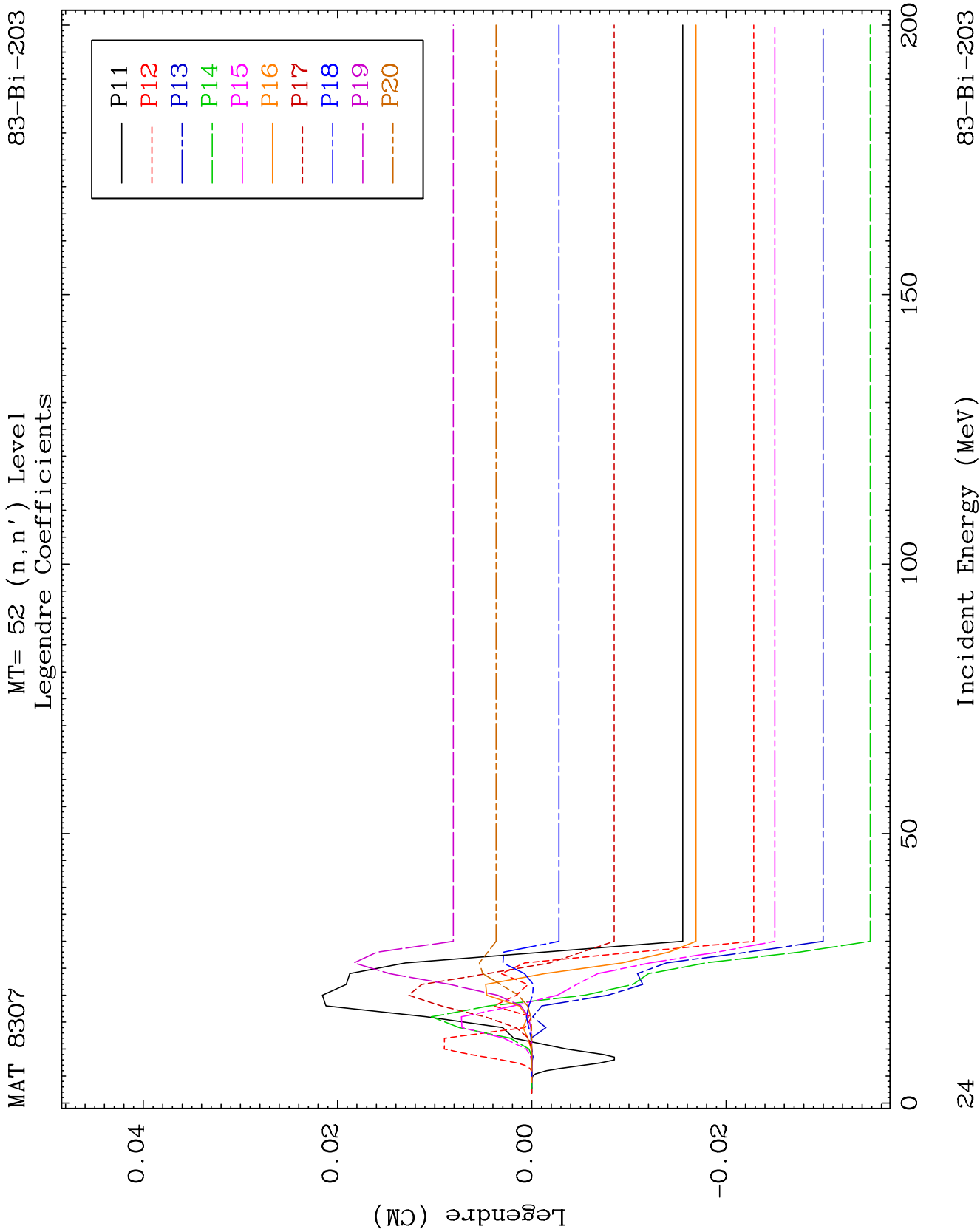








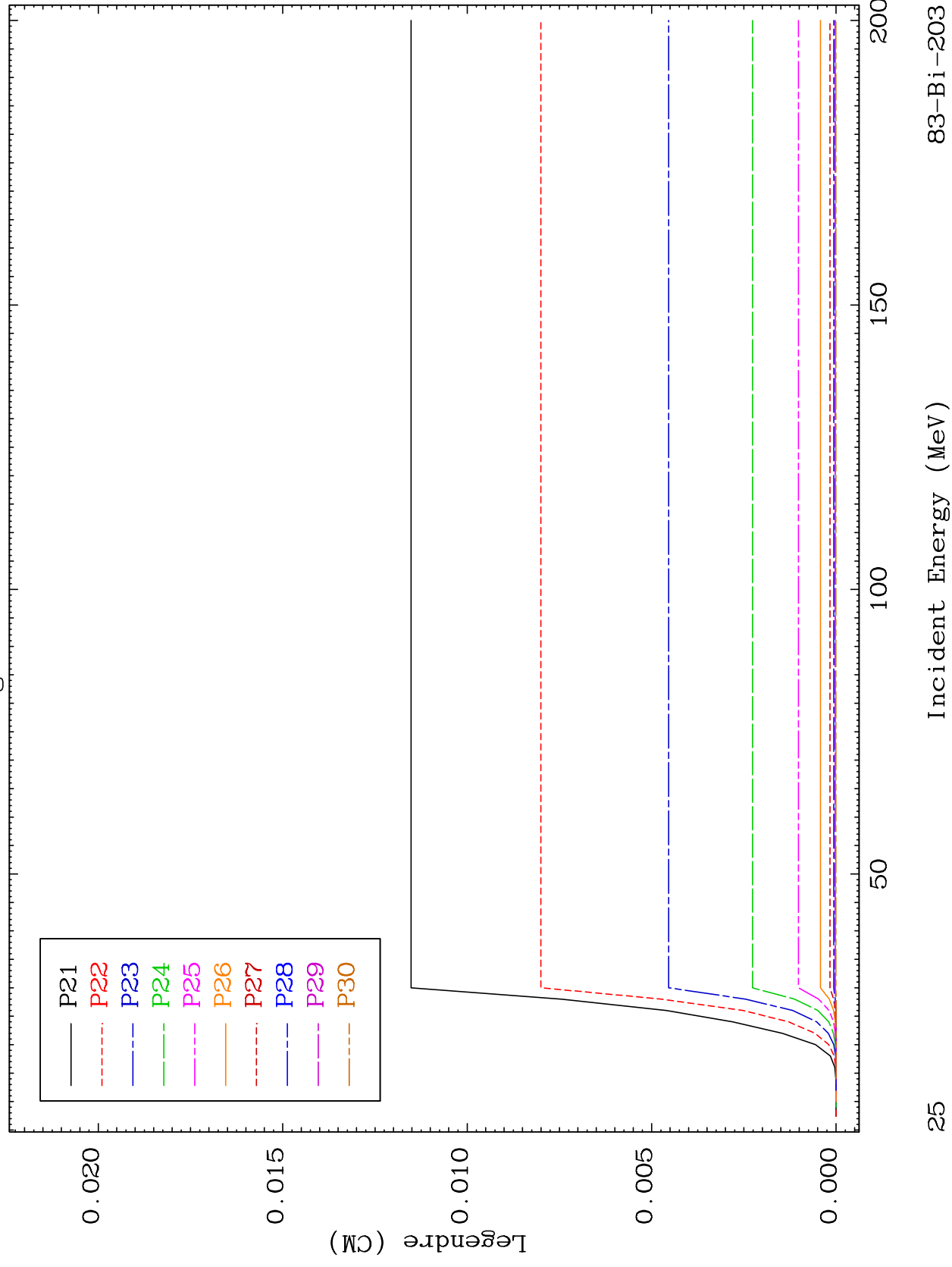




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MT= 52 (n, n') Level
Legendre Coefficients

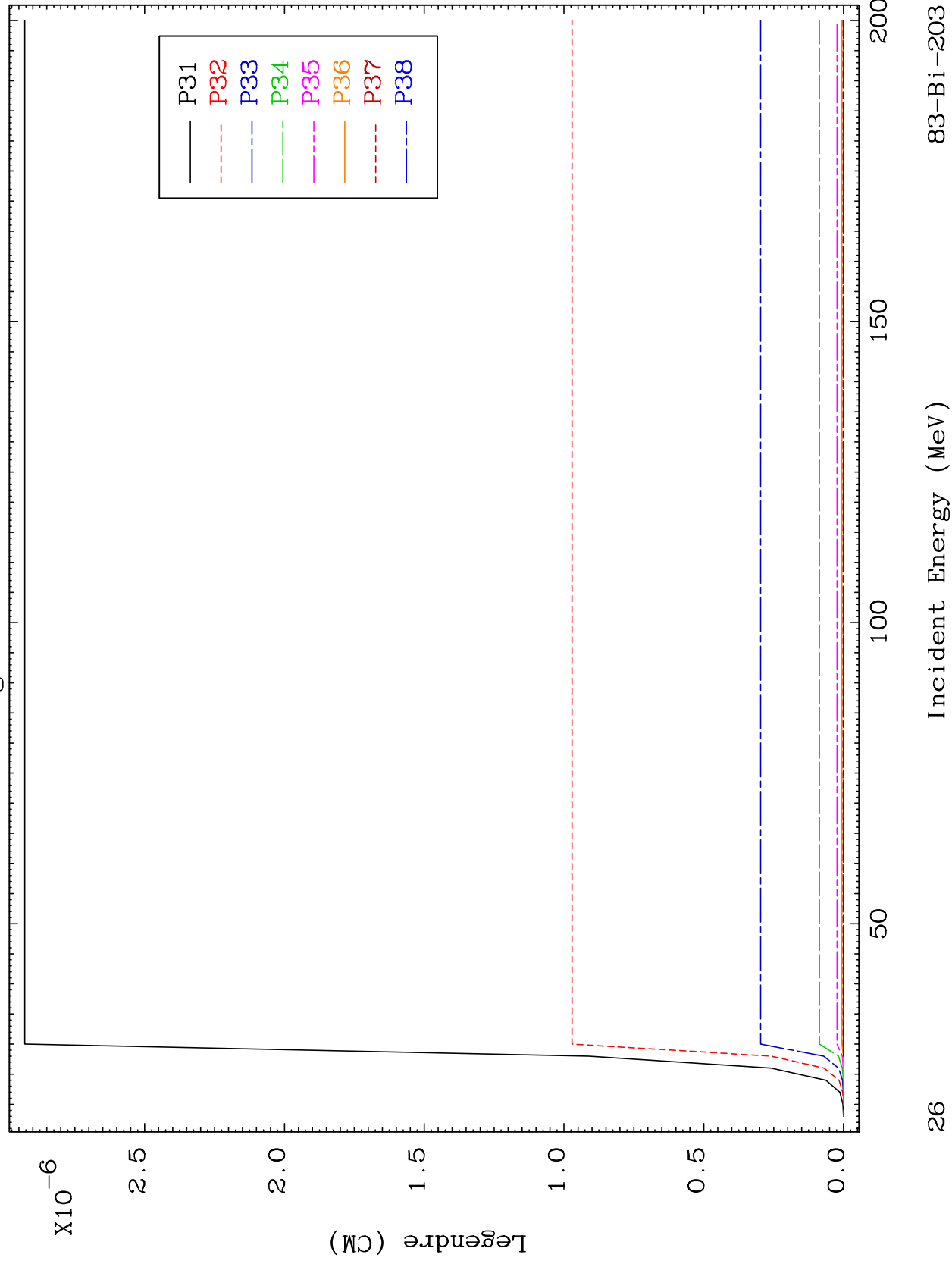
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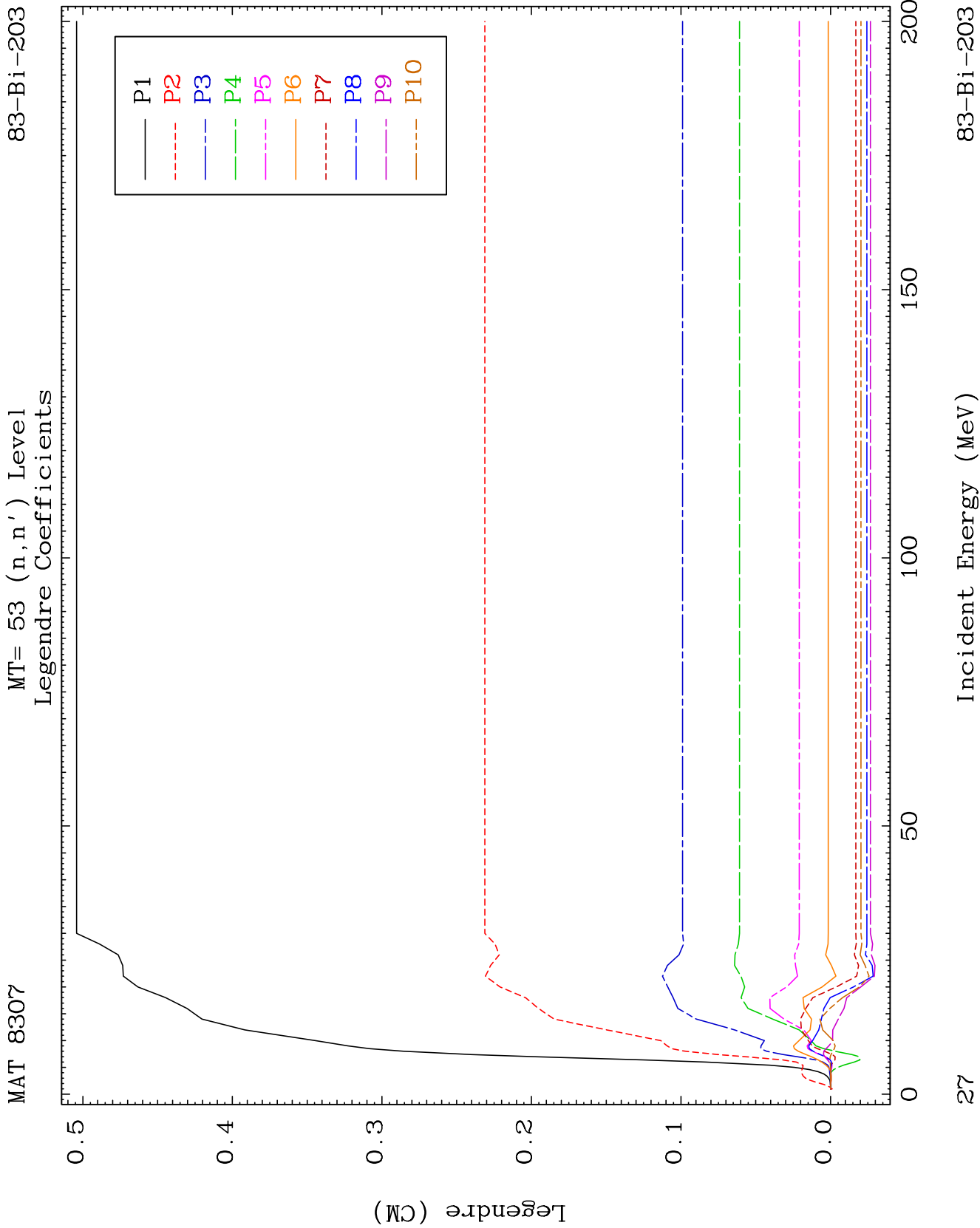


MAT 8307

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

83-Bi-203

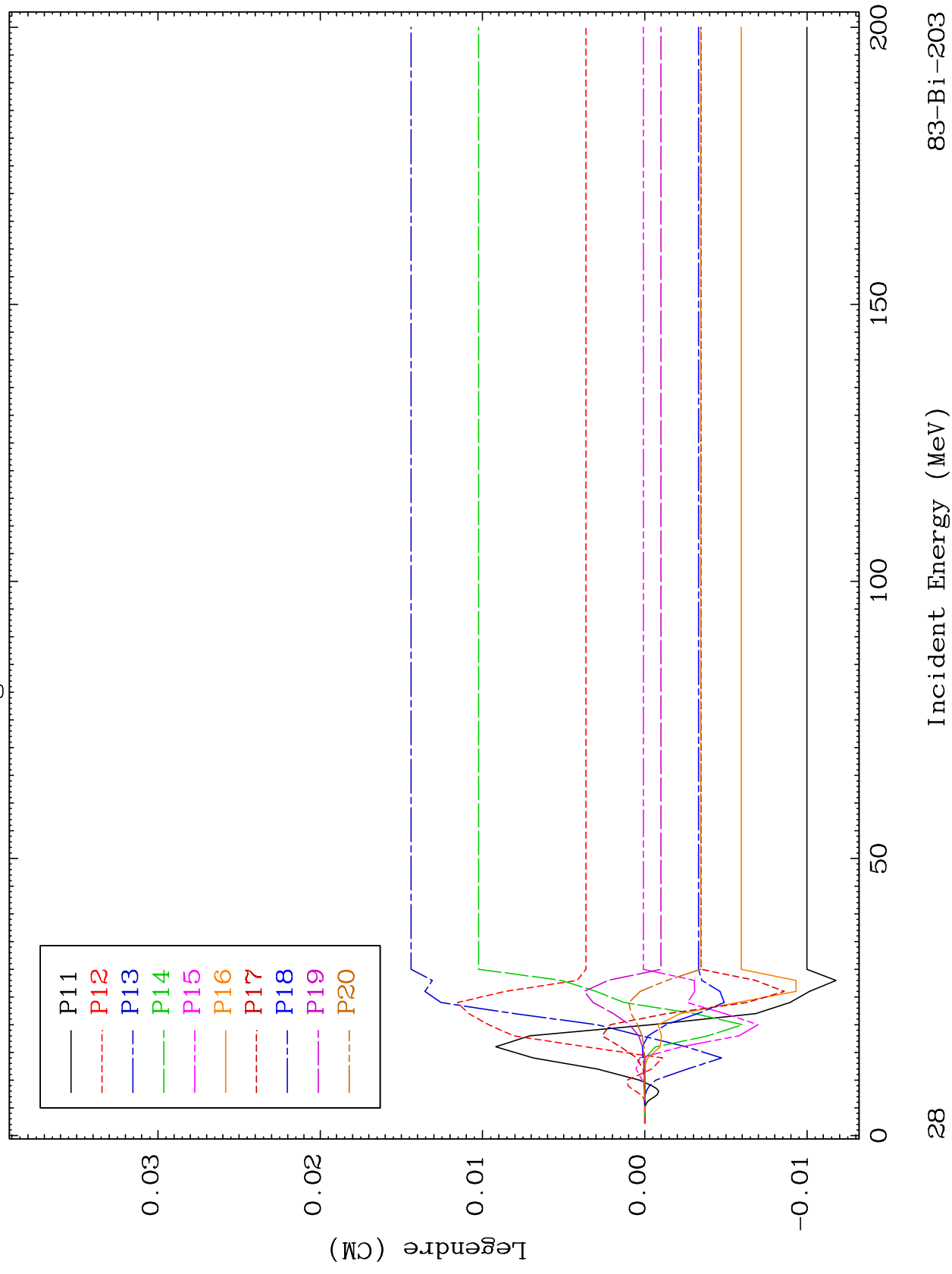


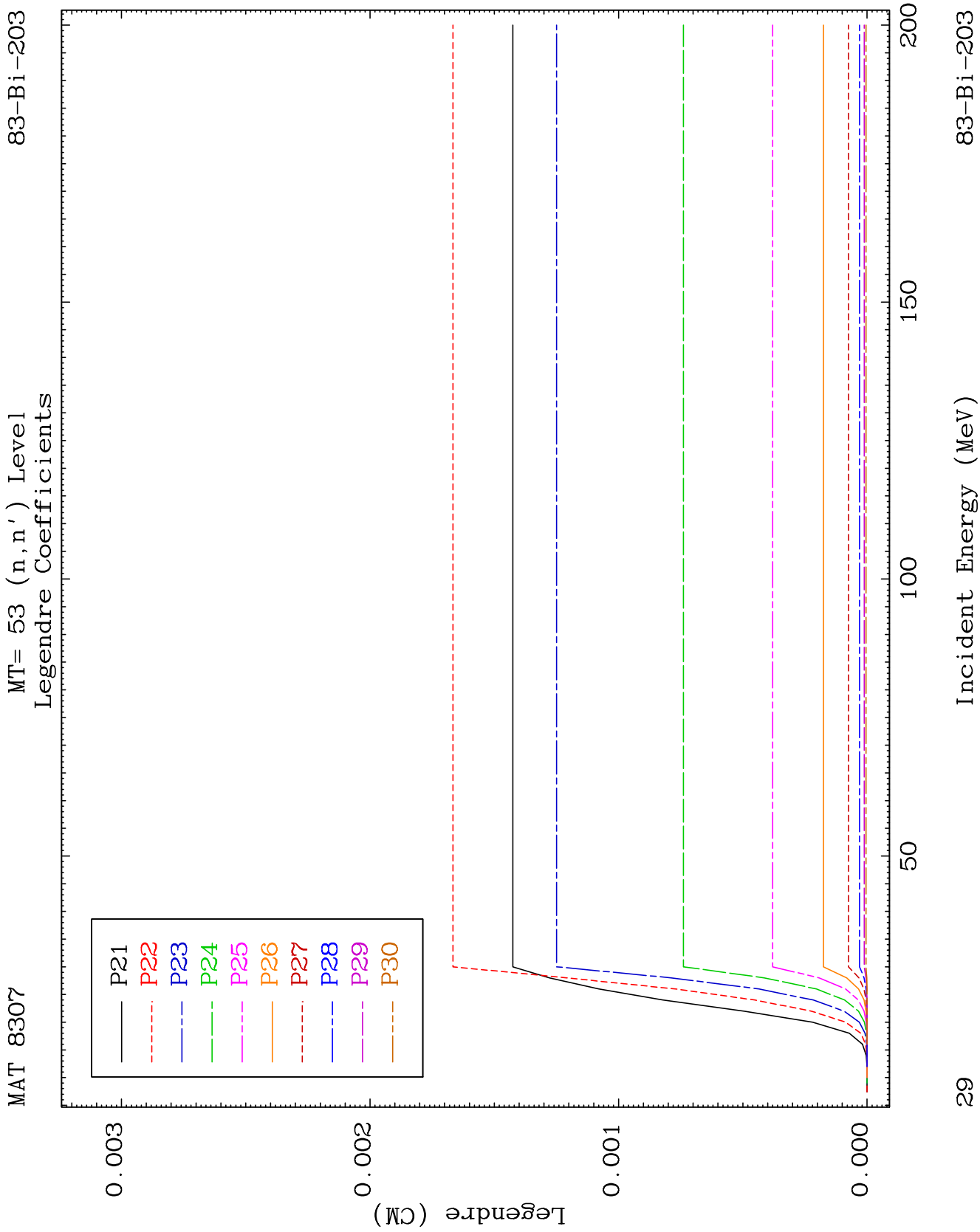


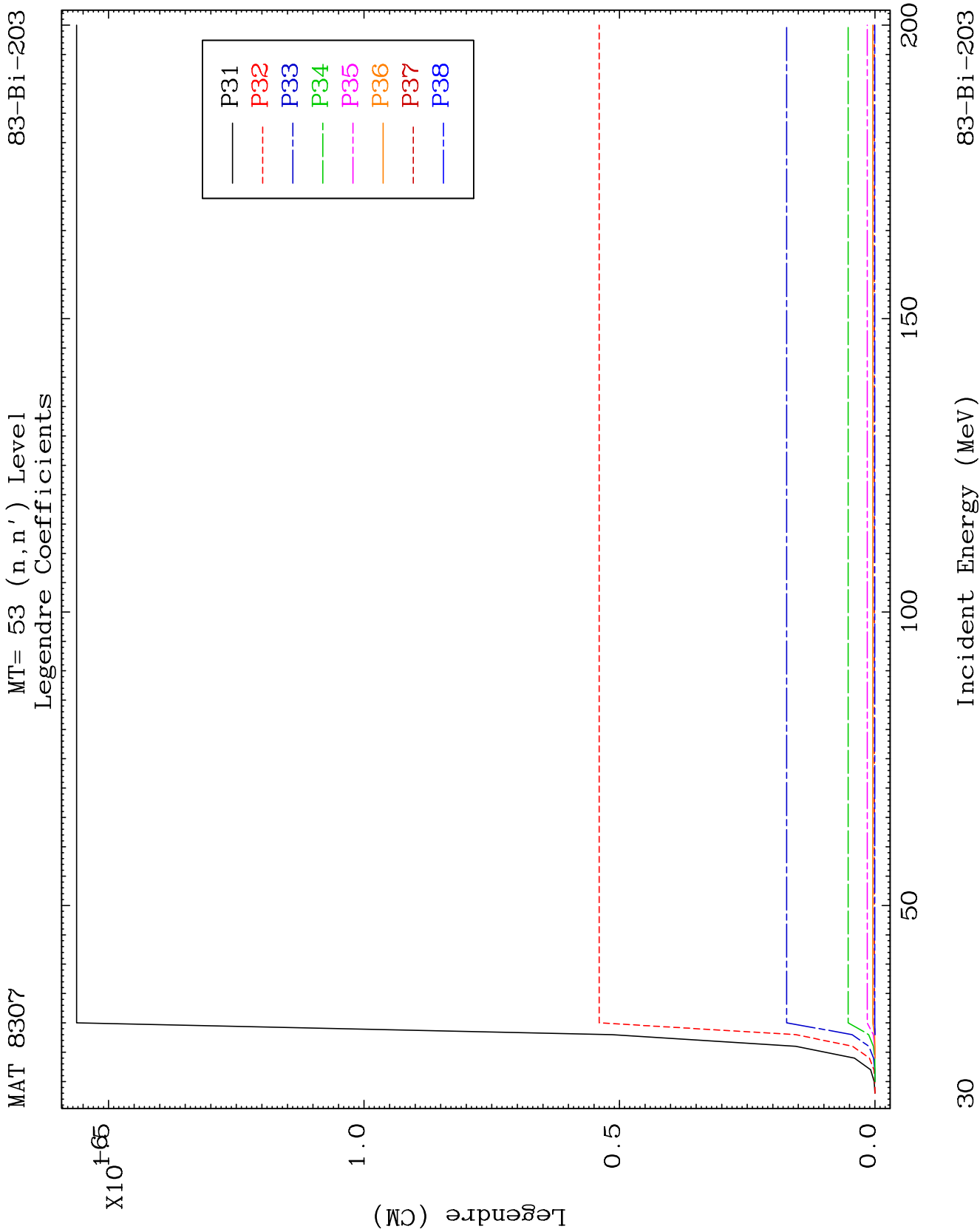
MAT 8307

83-Bi-203

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



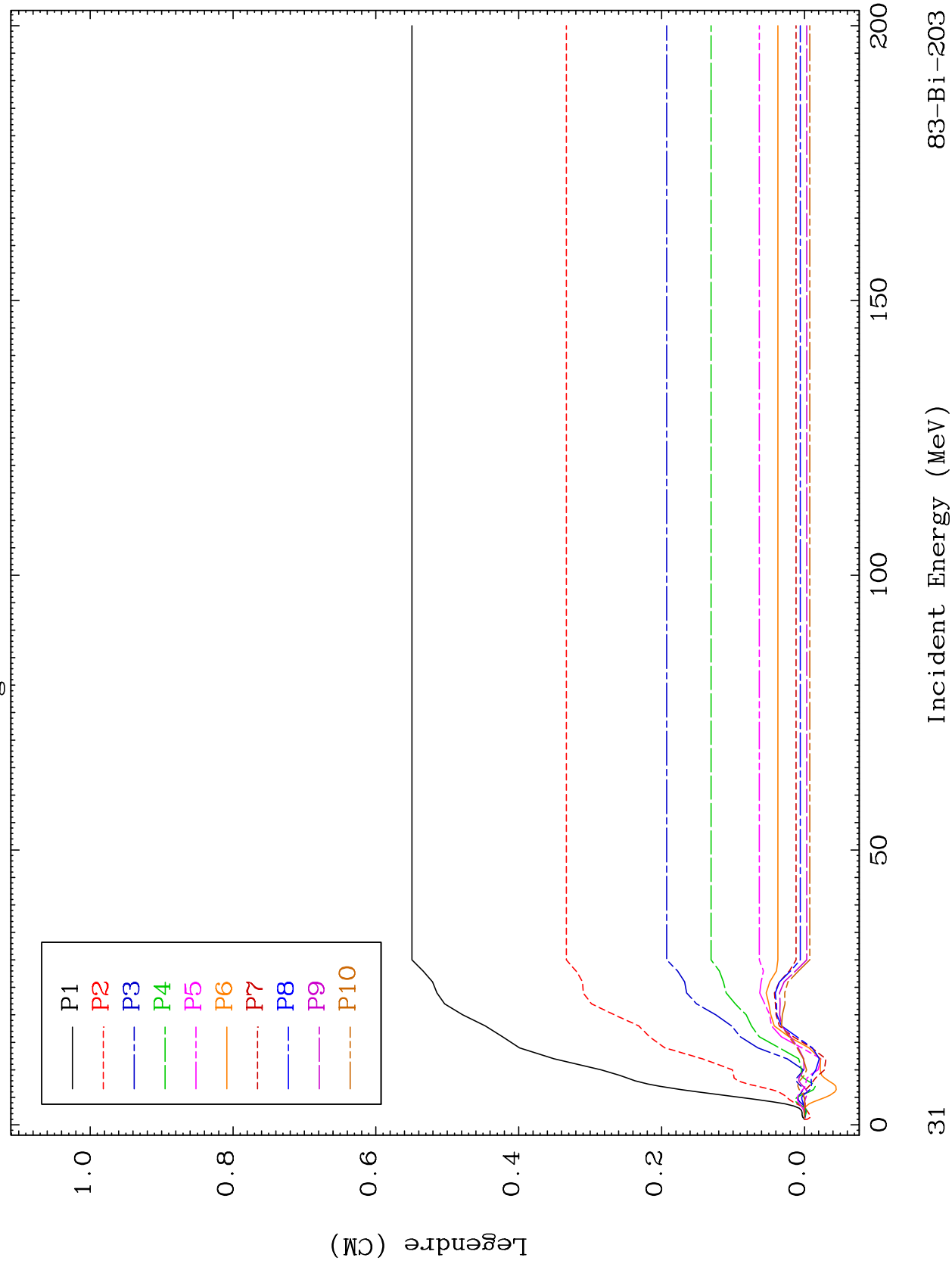


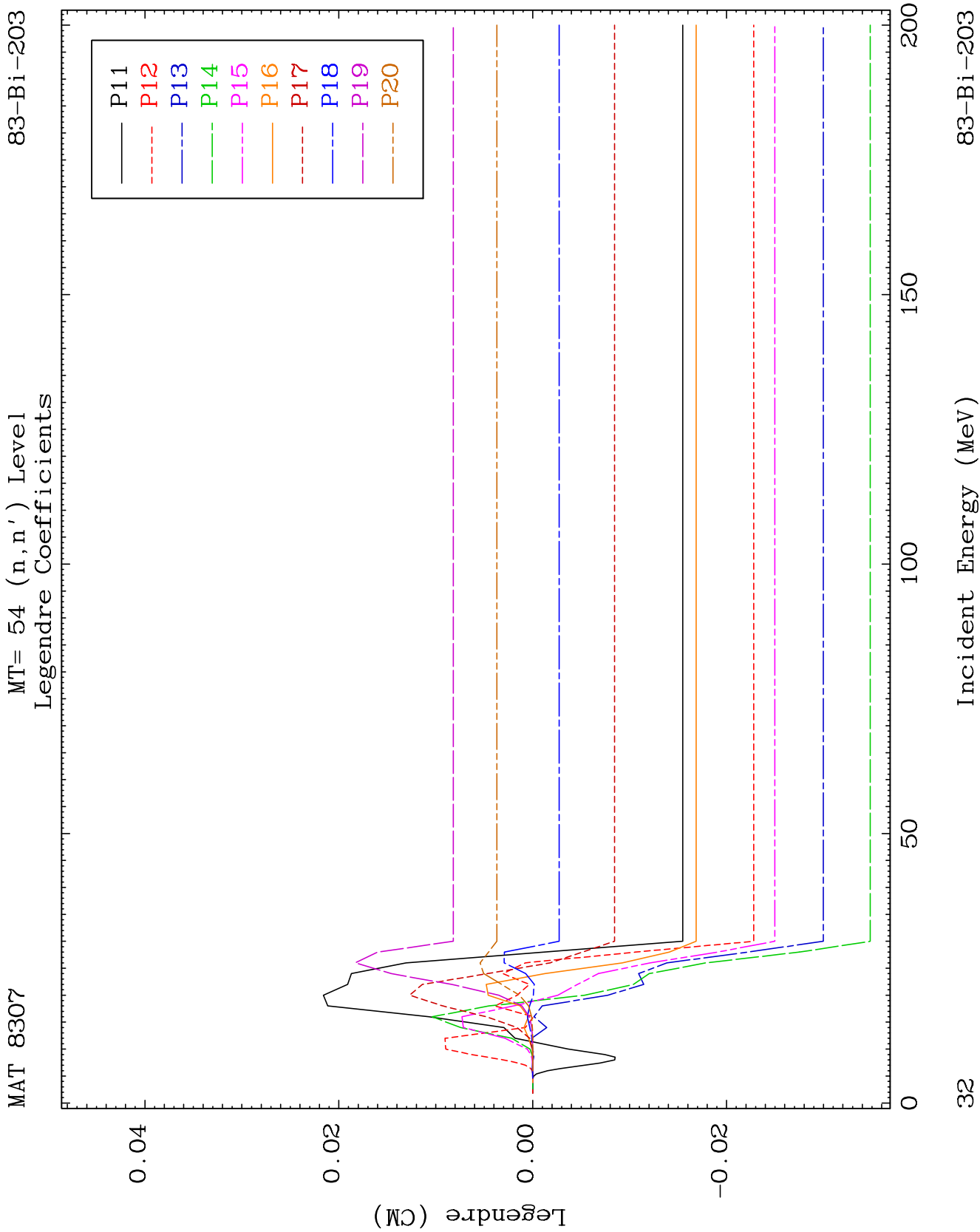


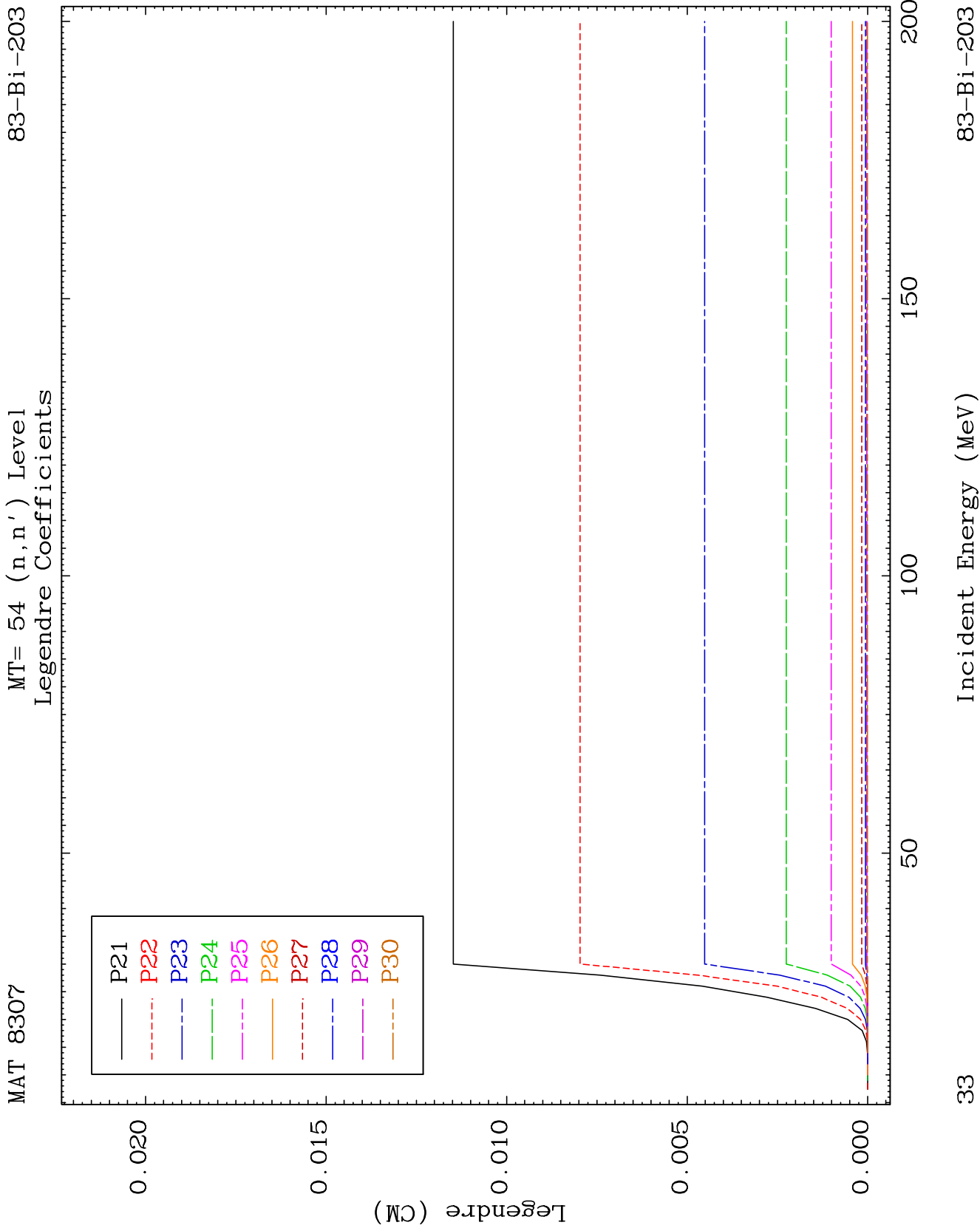
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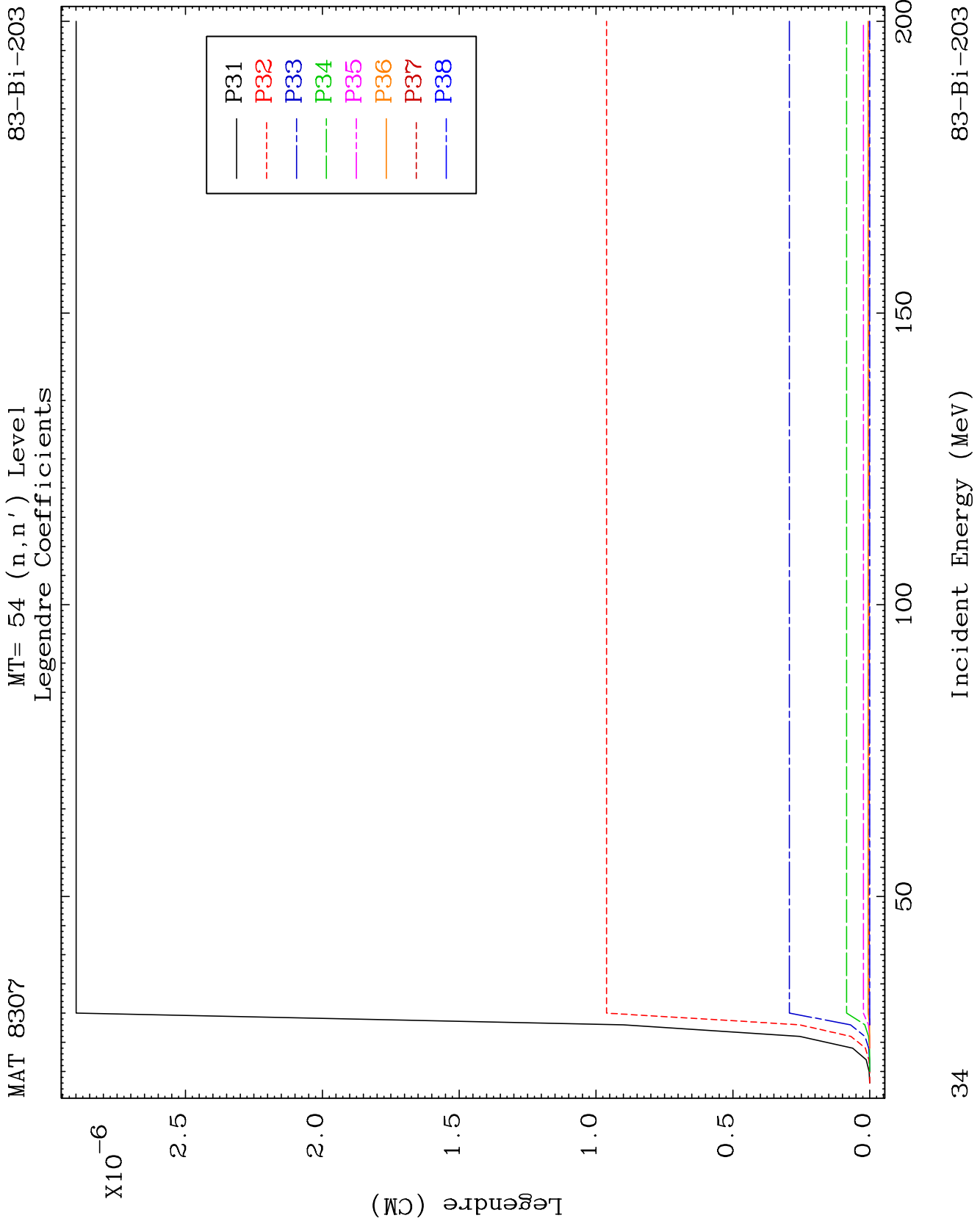
MT= 54 (n, n') Level
Legendre Coefficients

83-Bi-203





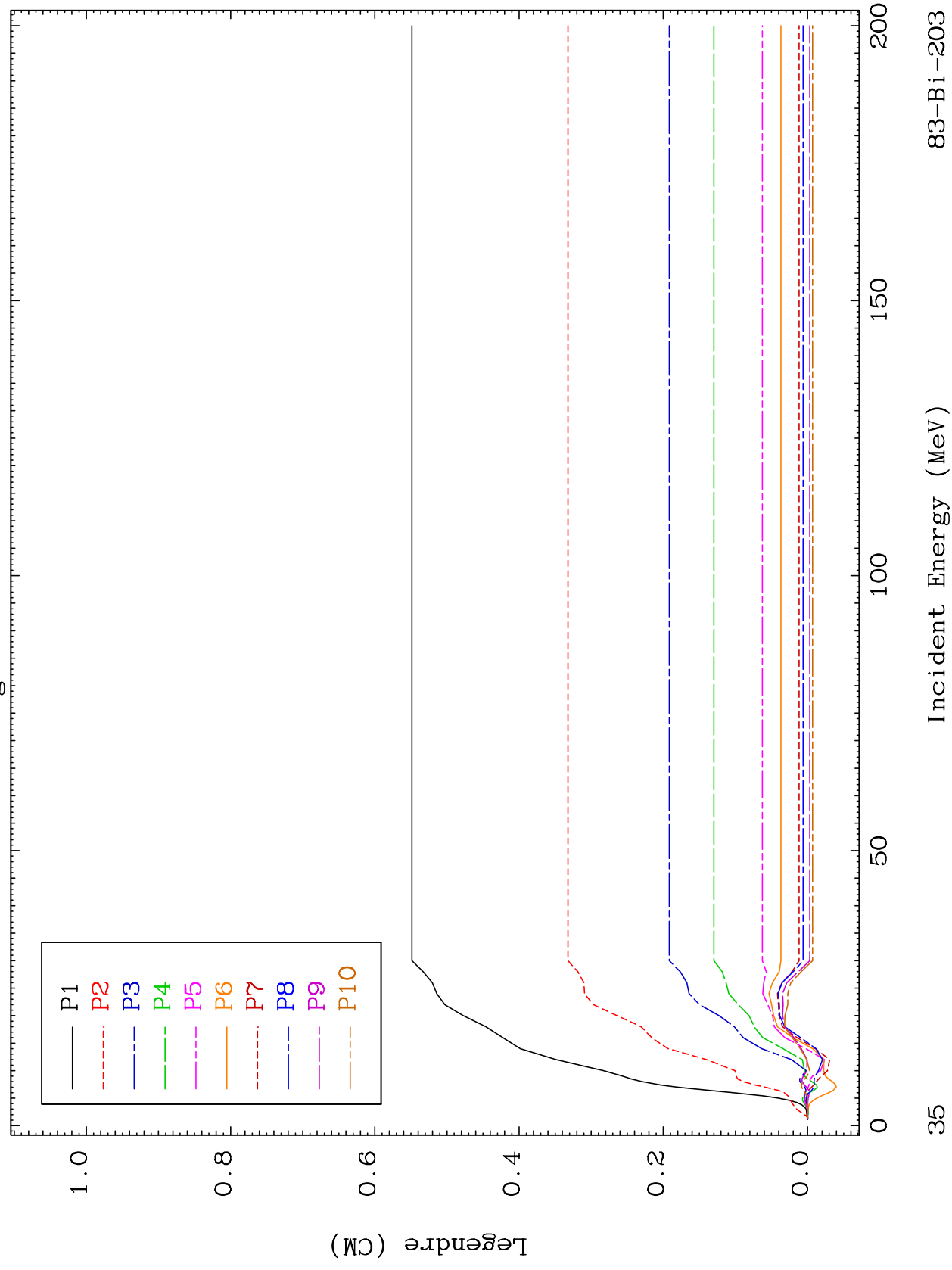


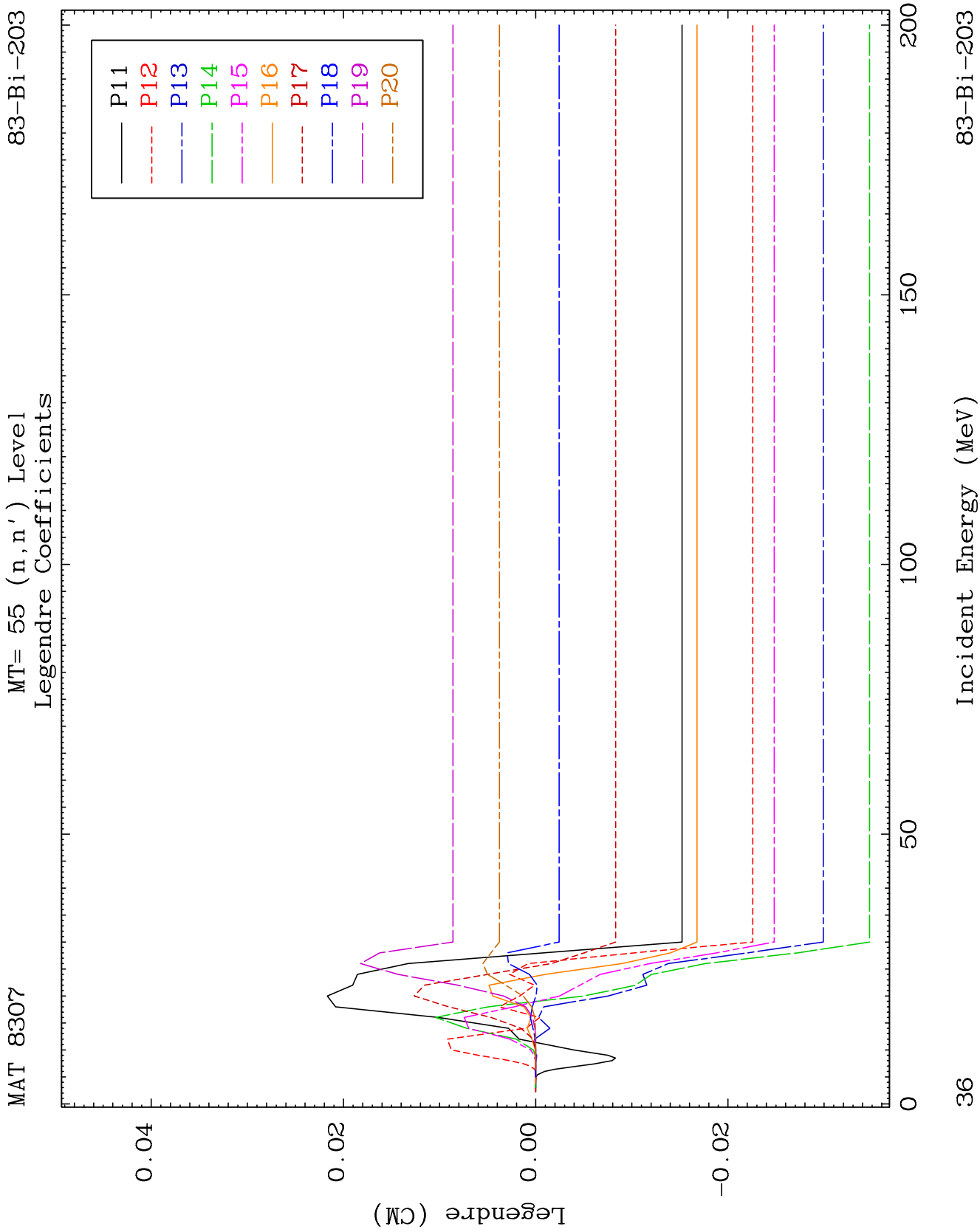


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MT= 55 (n, n') Level
Legendre Coefficients

83-Bi-203

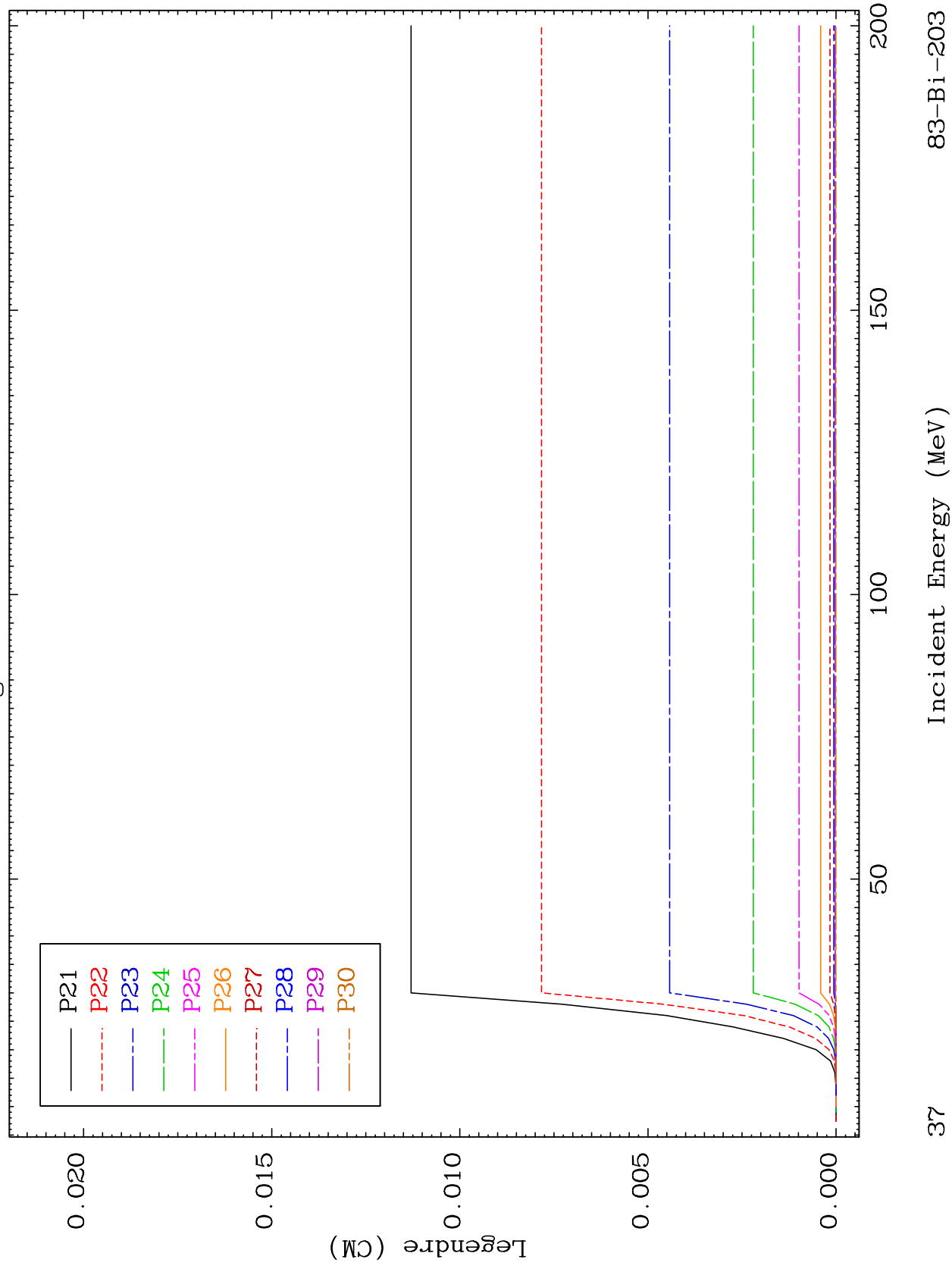


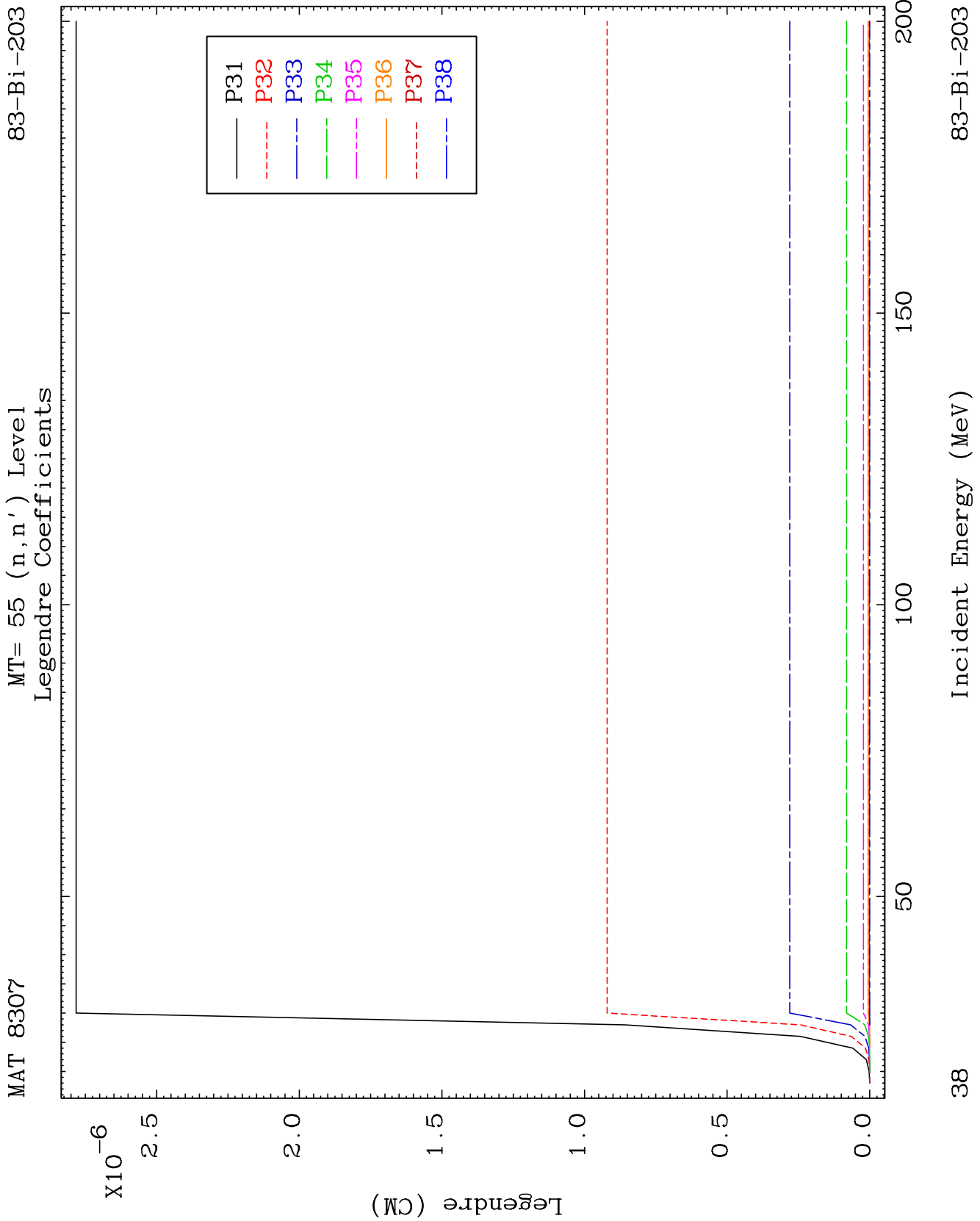


MAT 8307

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

83-Bi-203

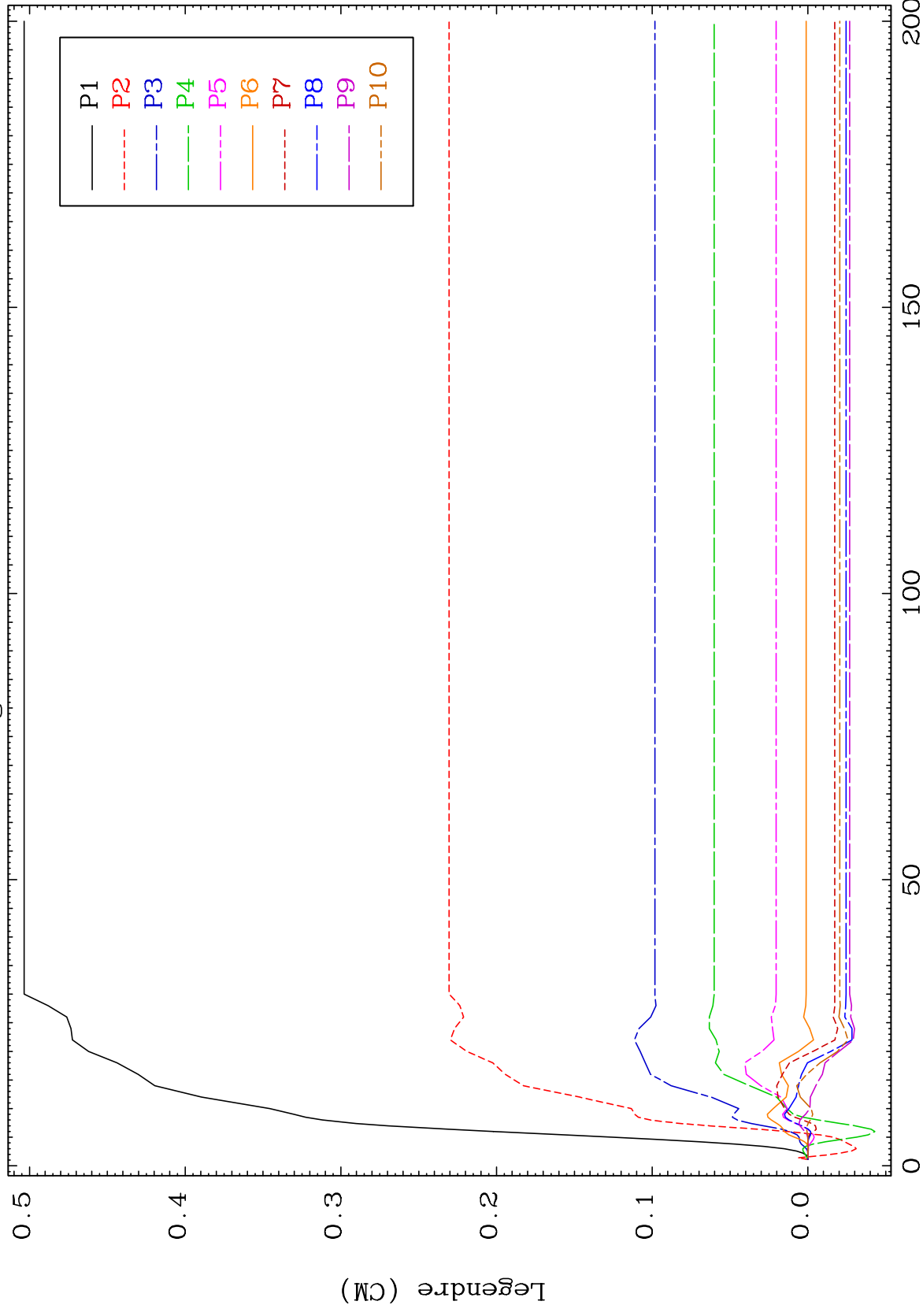




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MT= 56 (n, n') Level
Legendre Coefficients

83-Bi-203



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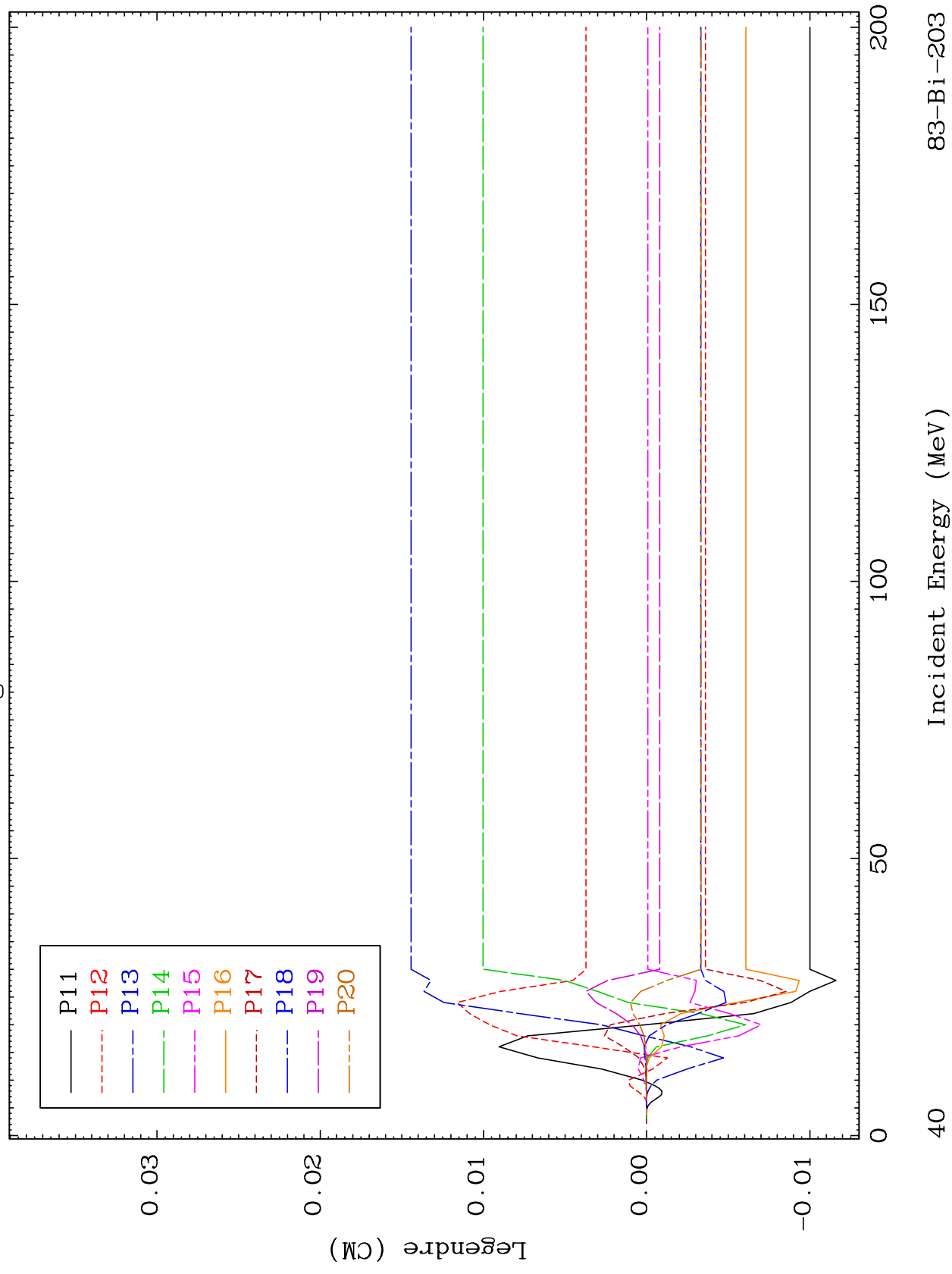
Incident Energy (MeV)

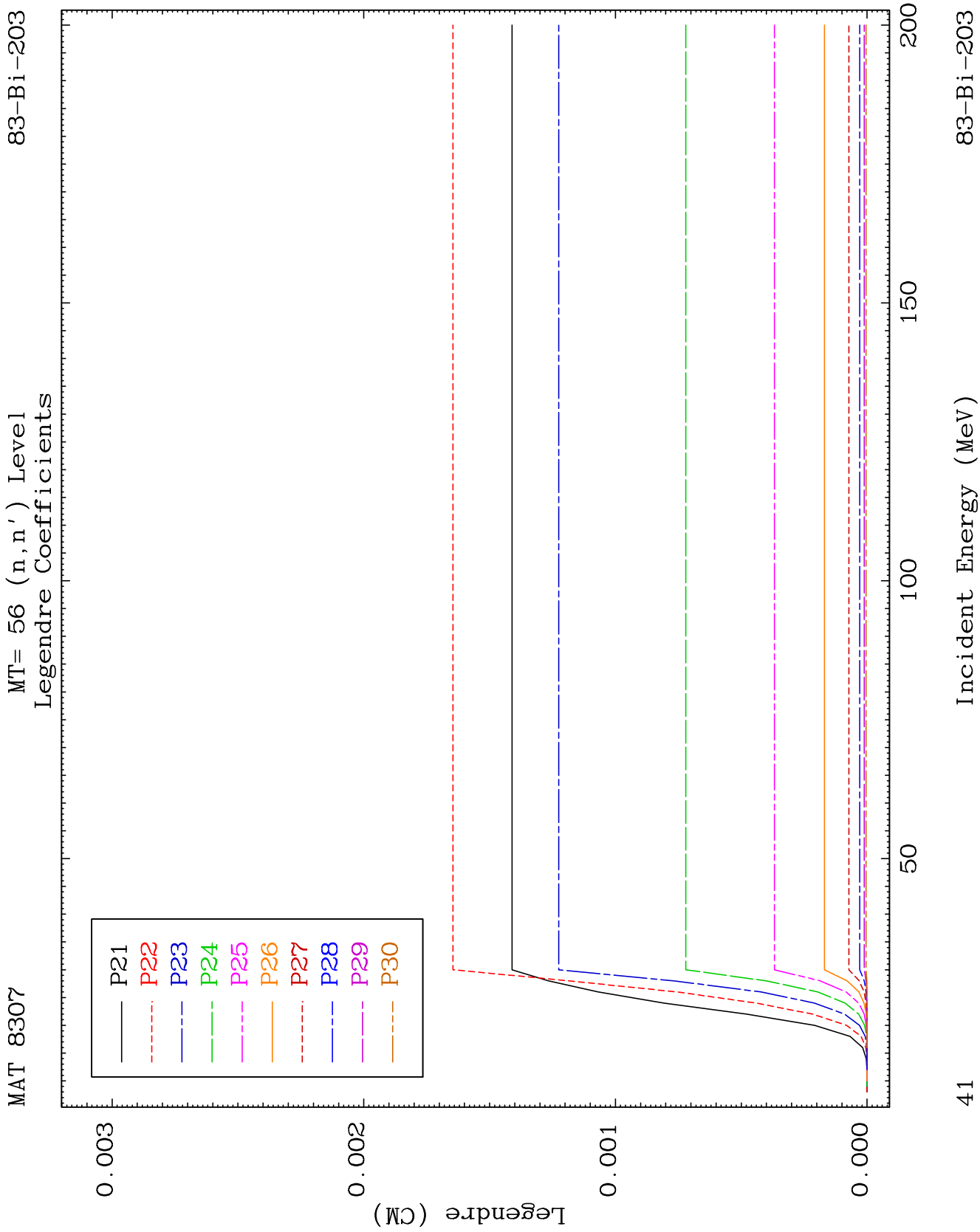
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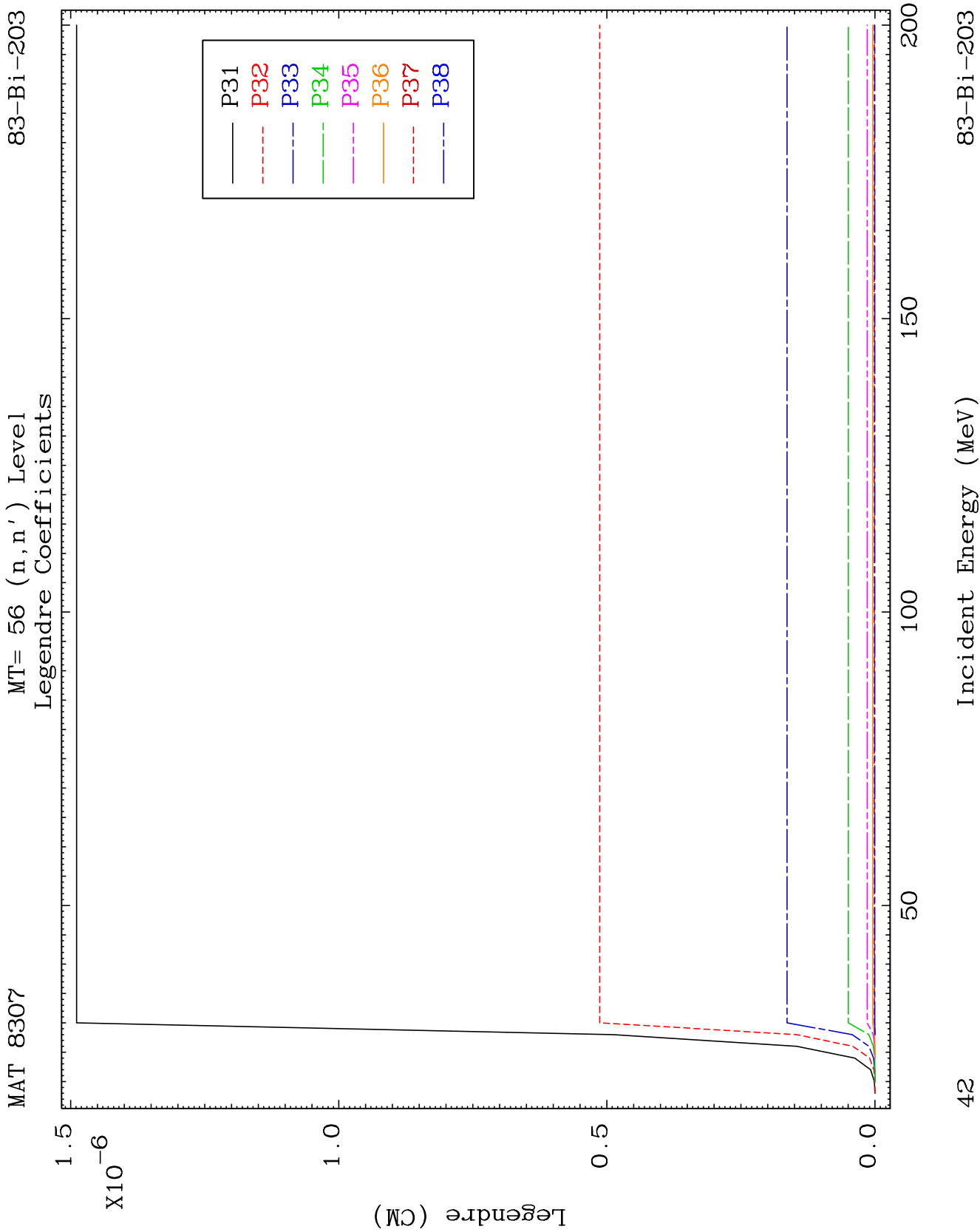
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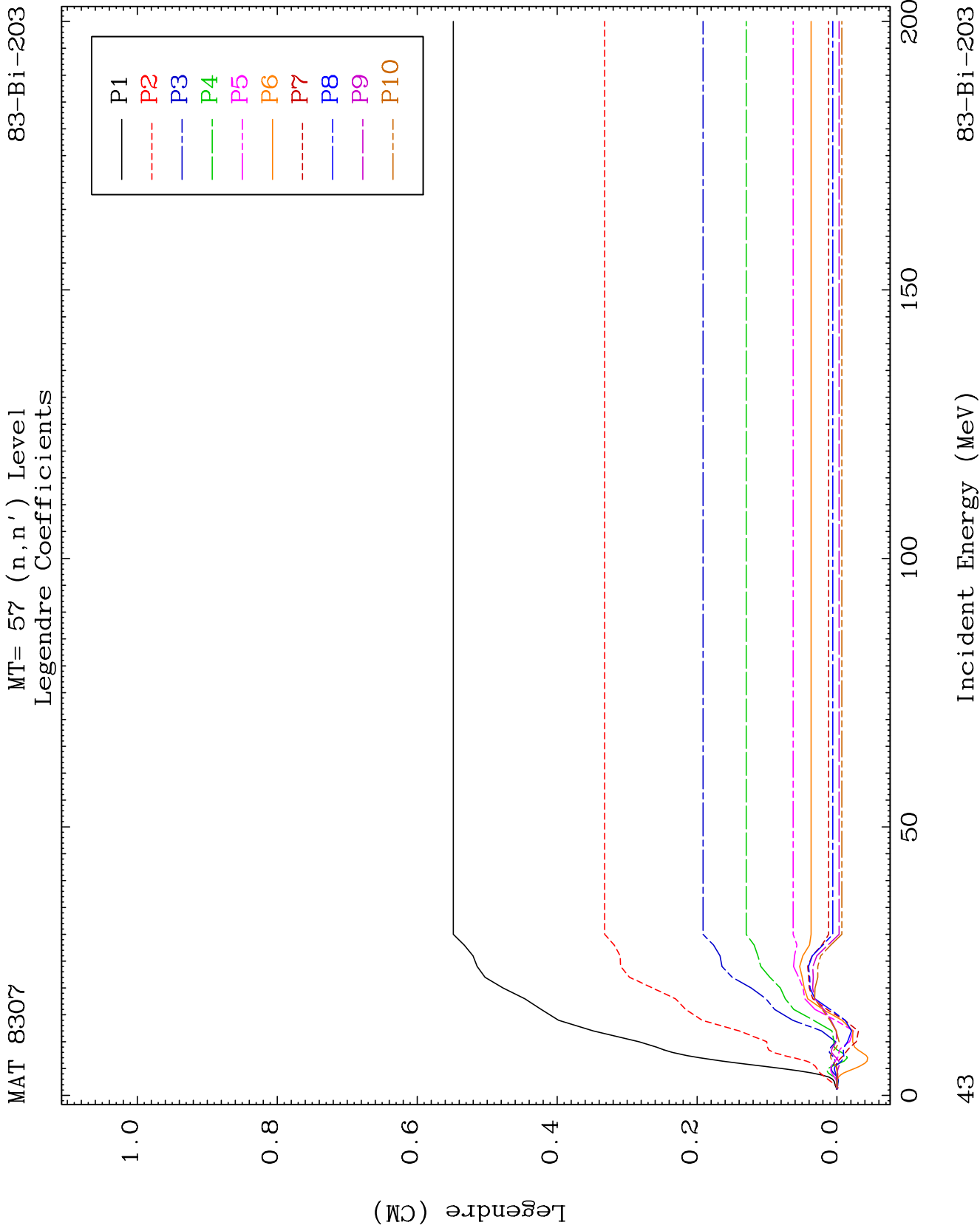
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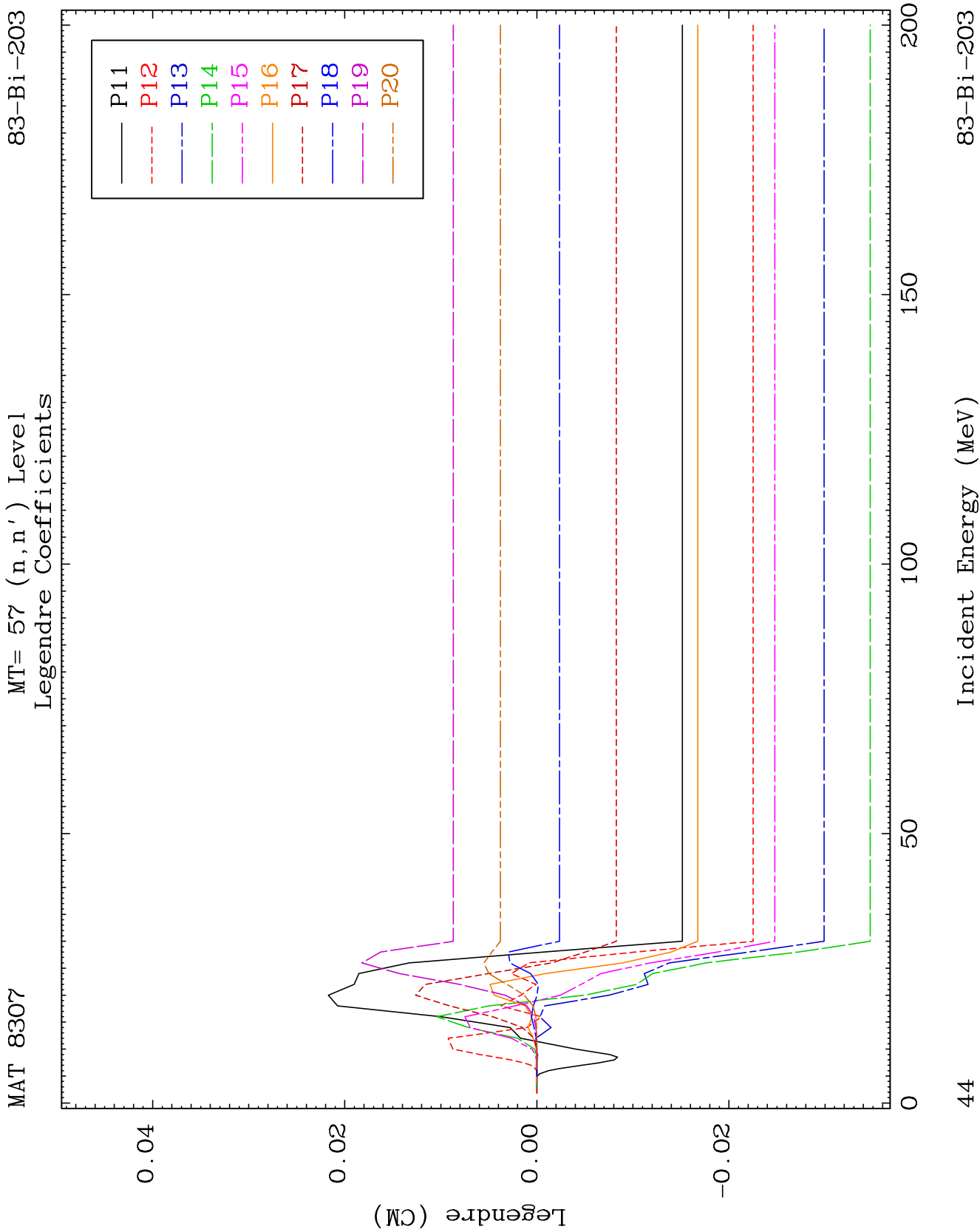
MT= 56 (n, n') Level
Legendre Coefficients

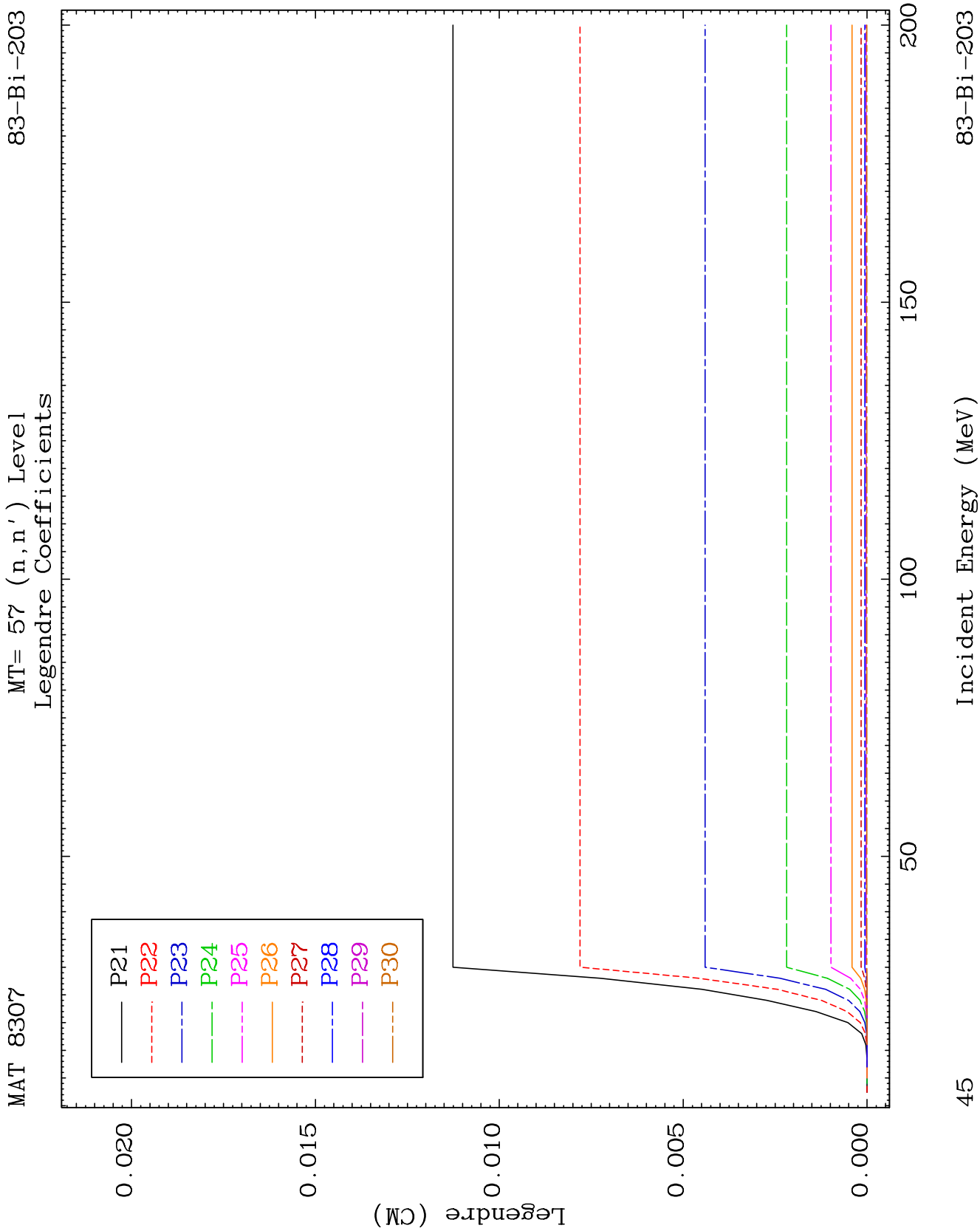


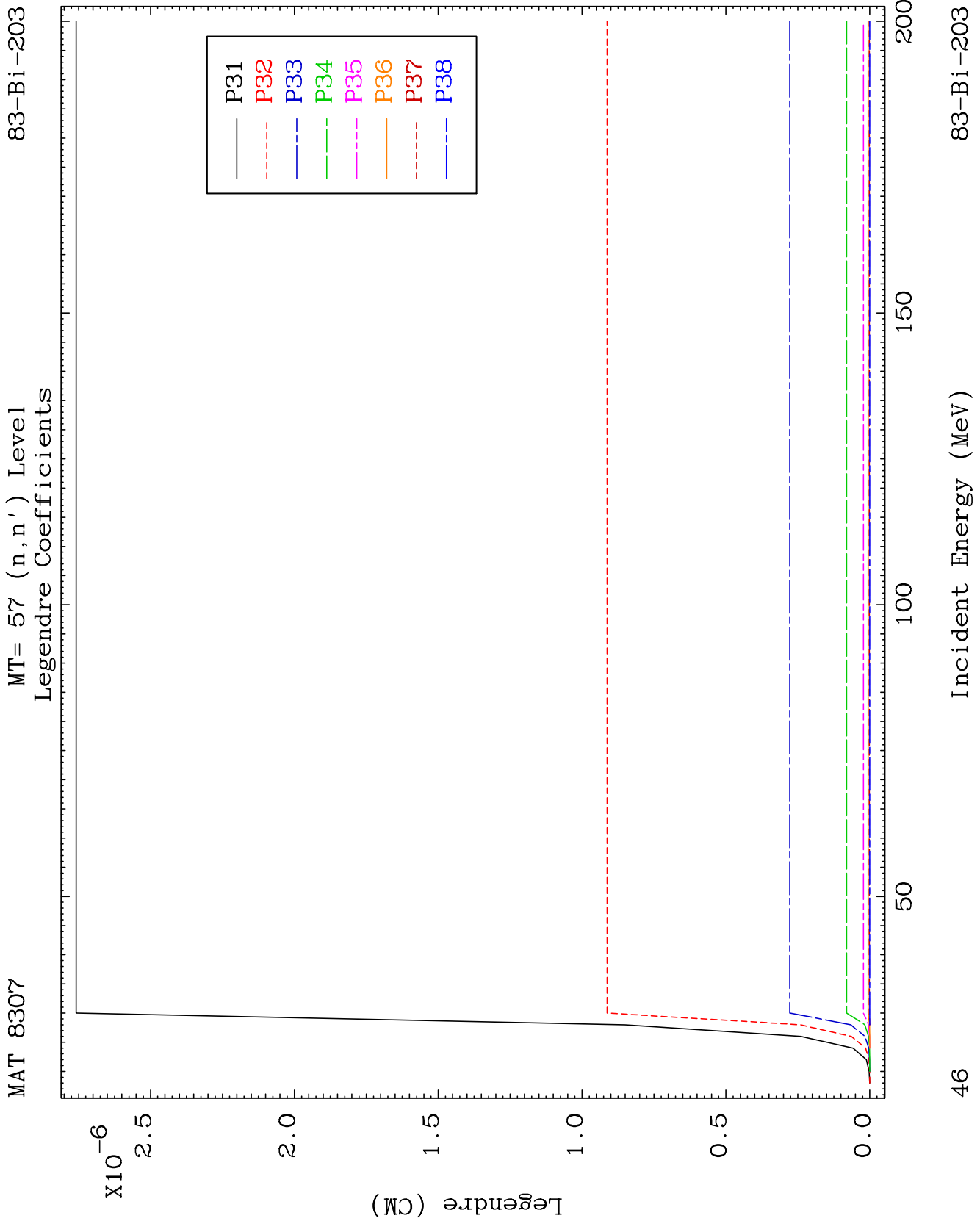








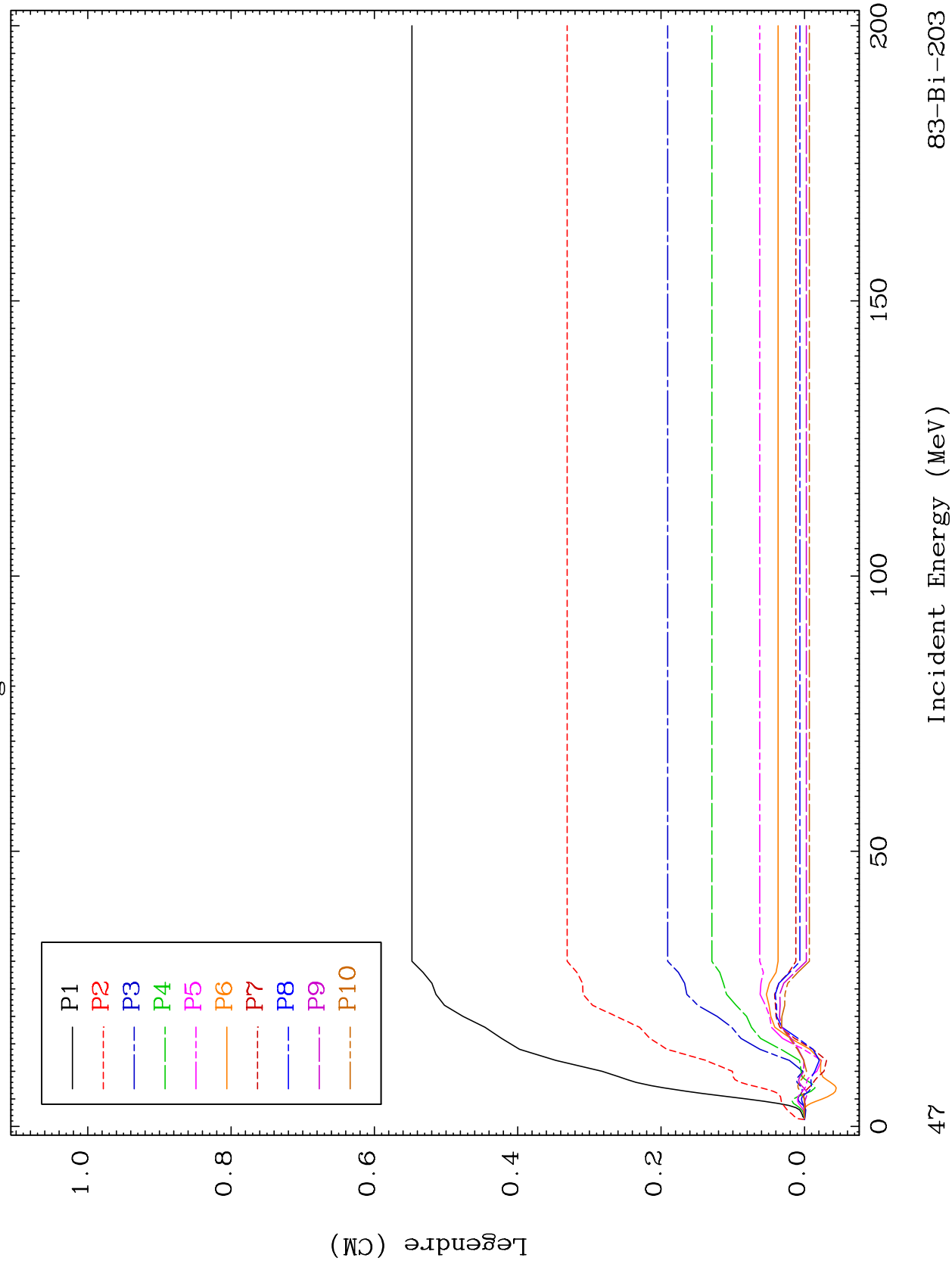


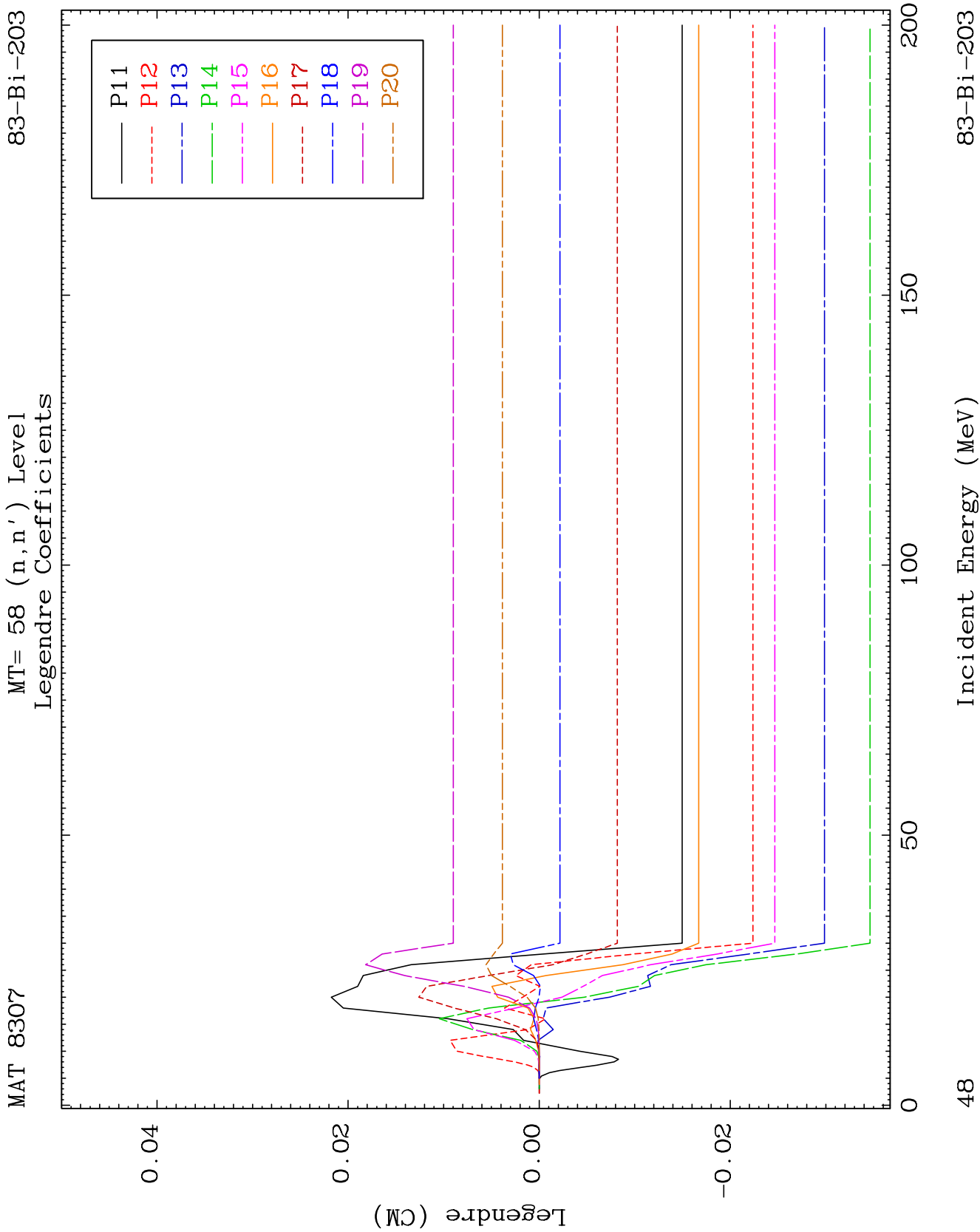


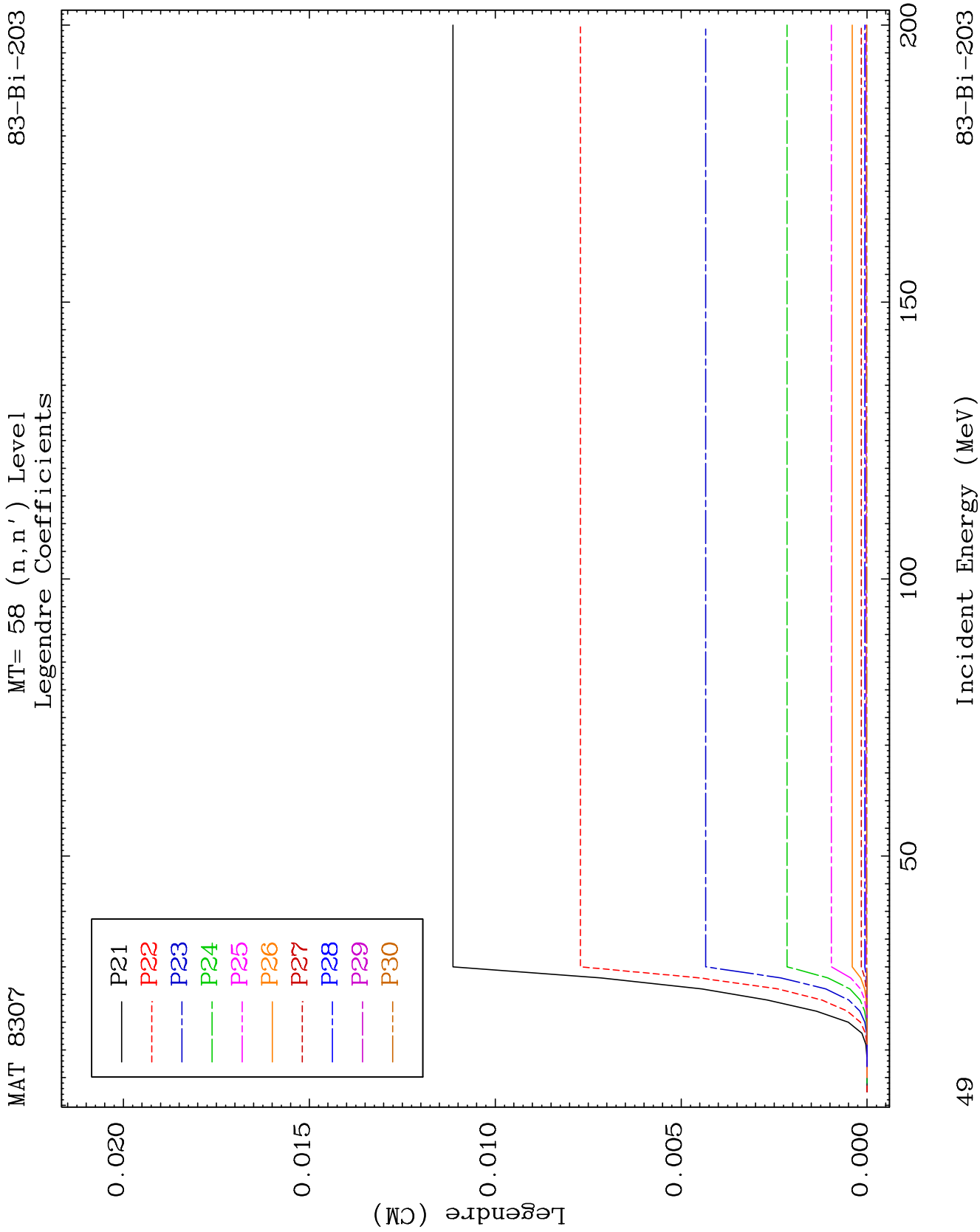
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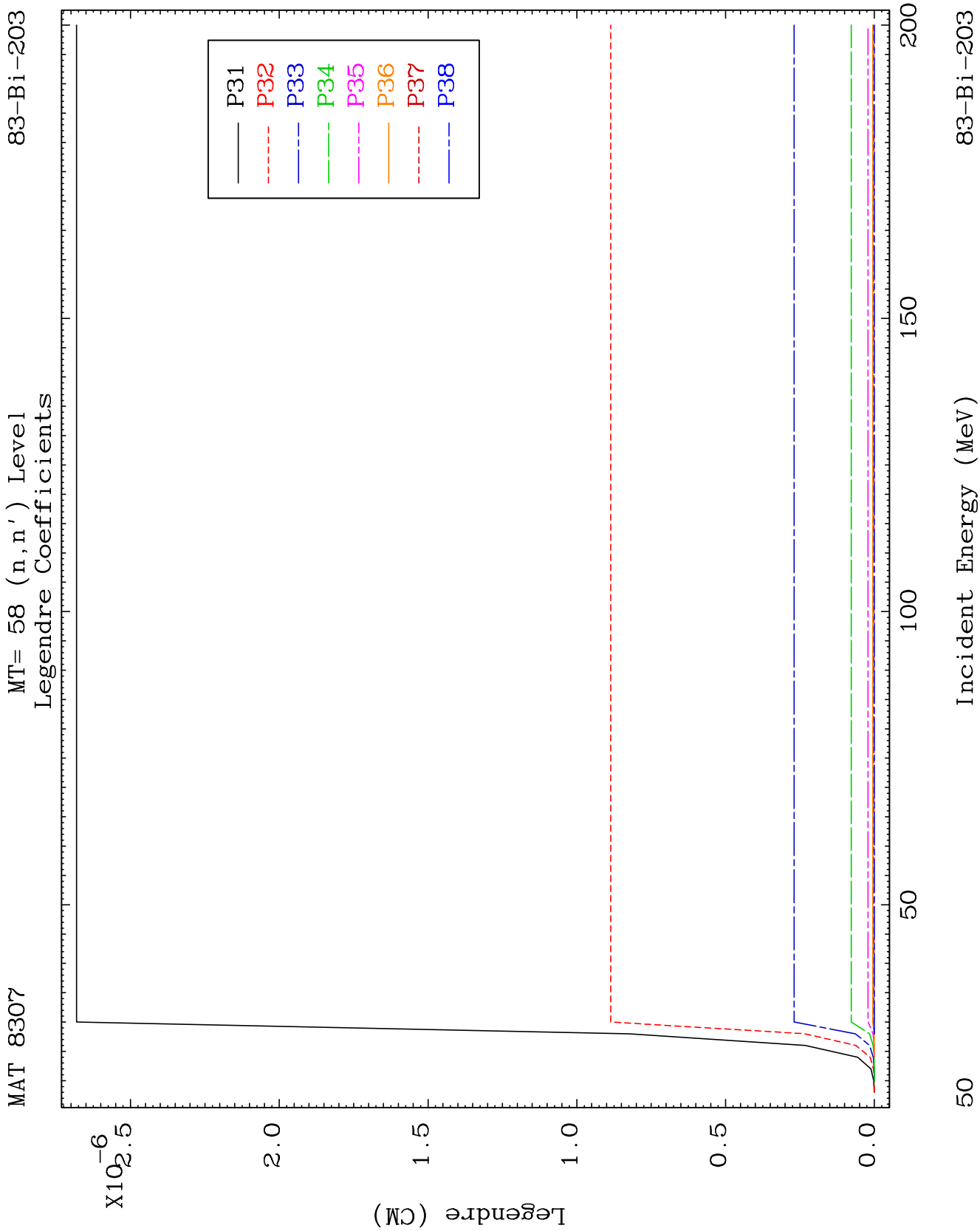
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Legendre Coefficients

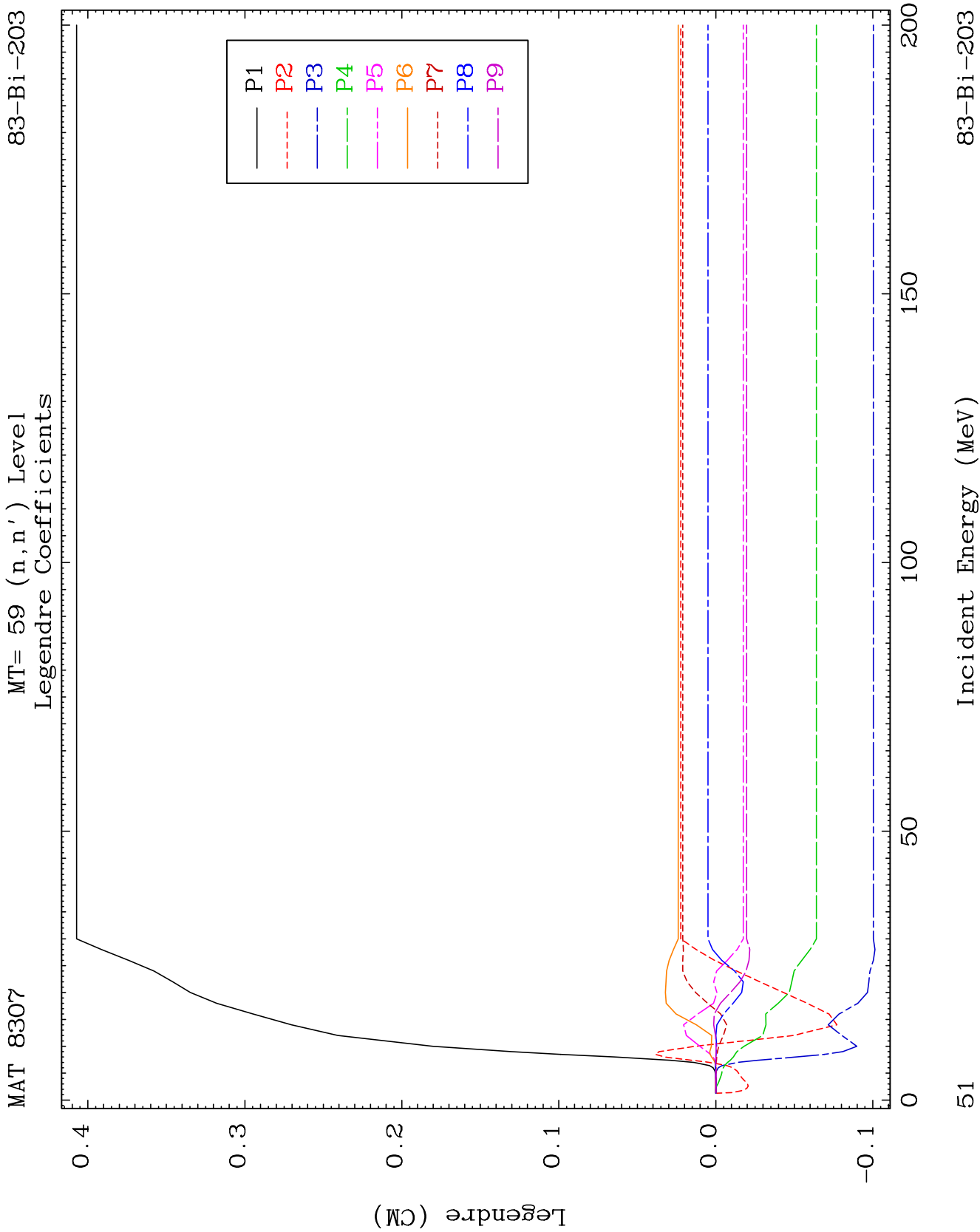
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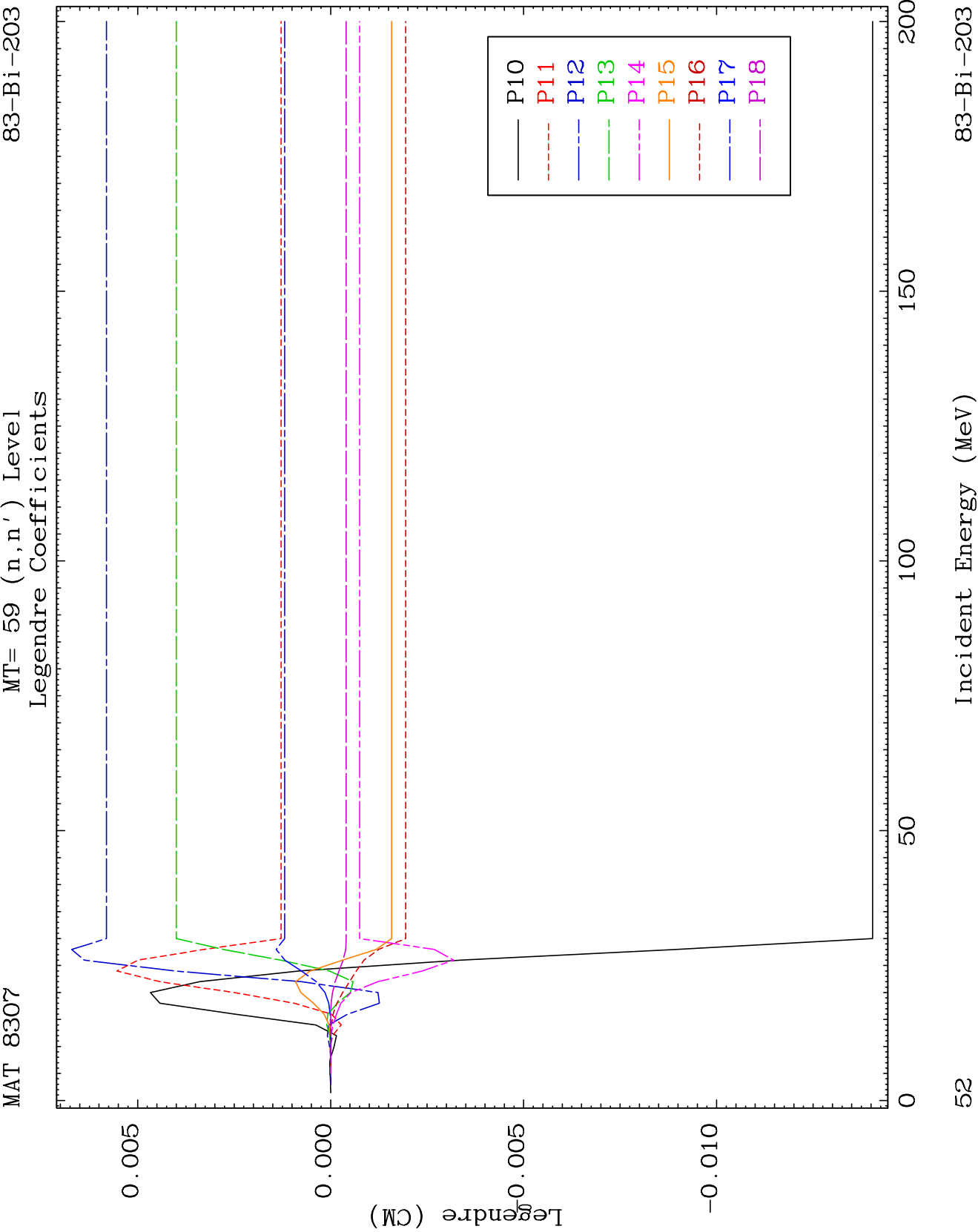








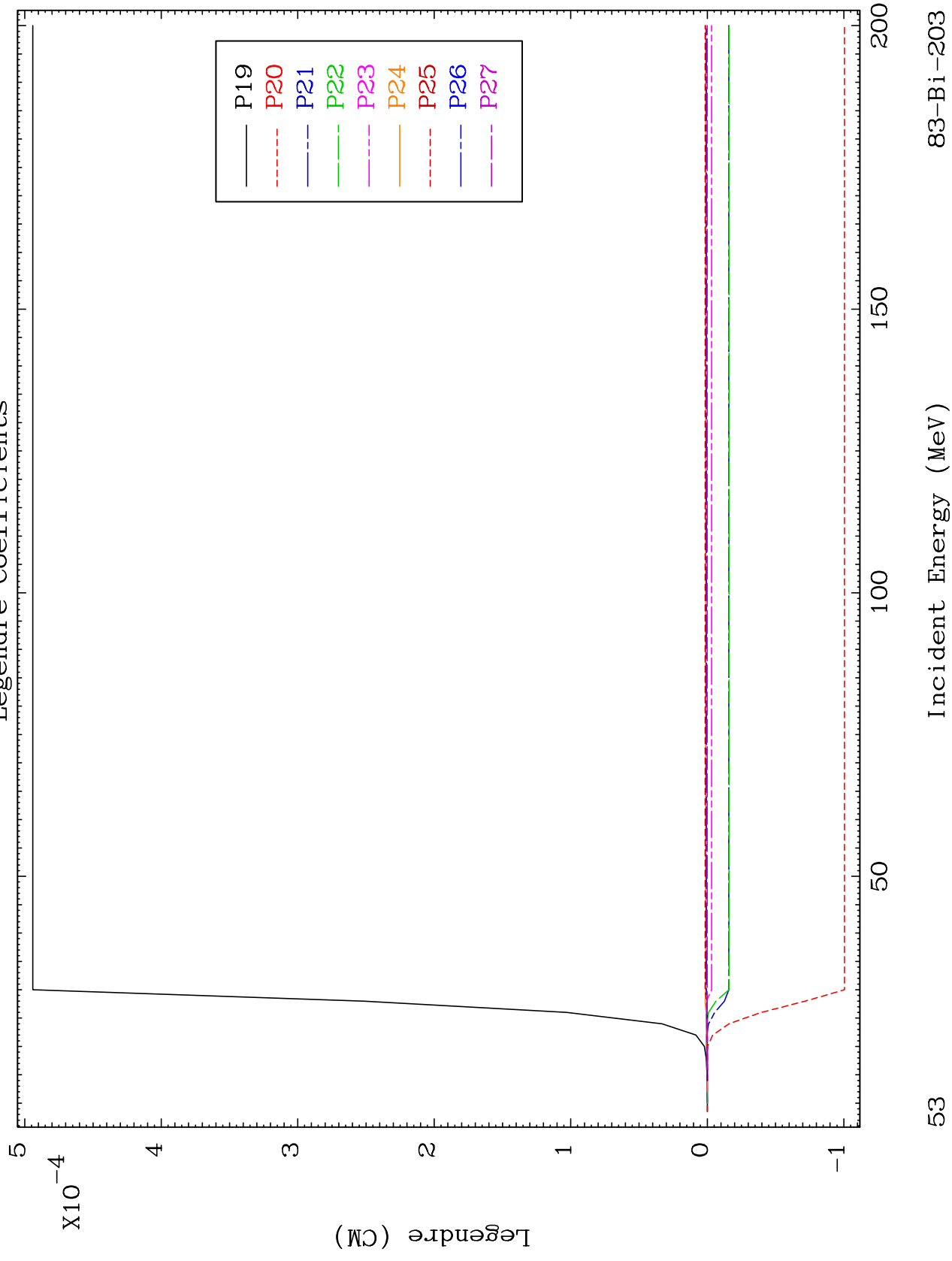


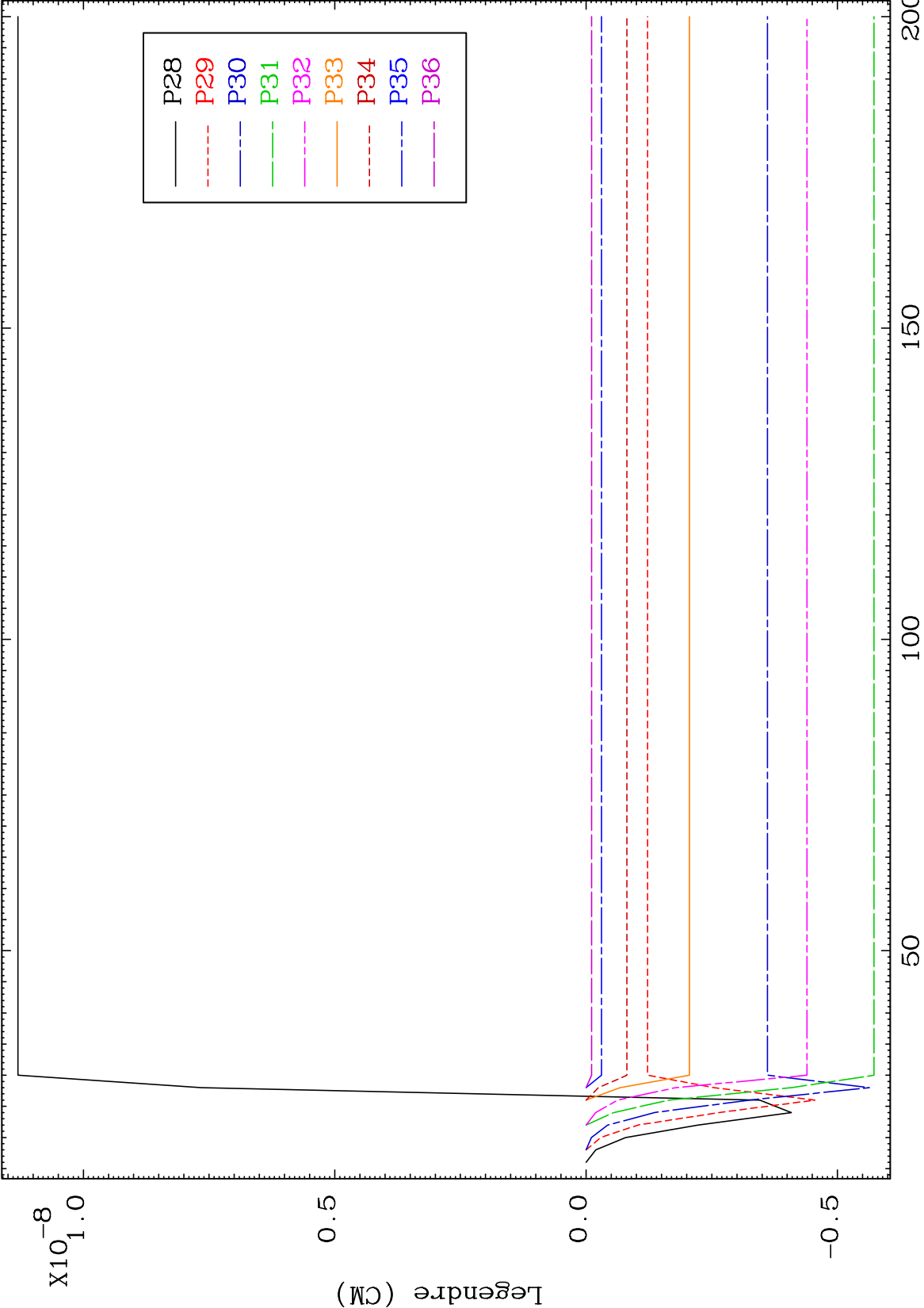


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MT= 59 (n, n') Level
Legendre Coefficients

83-Bi-203

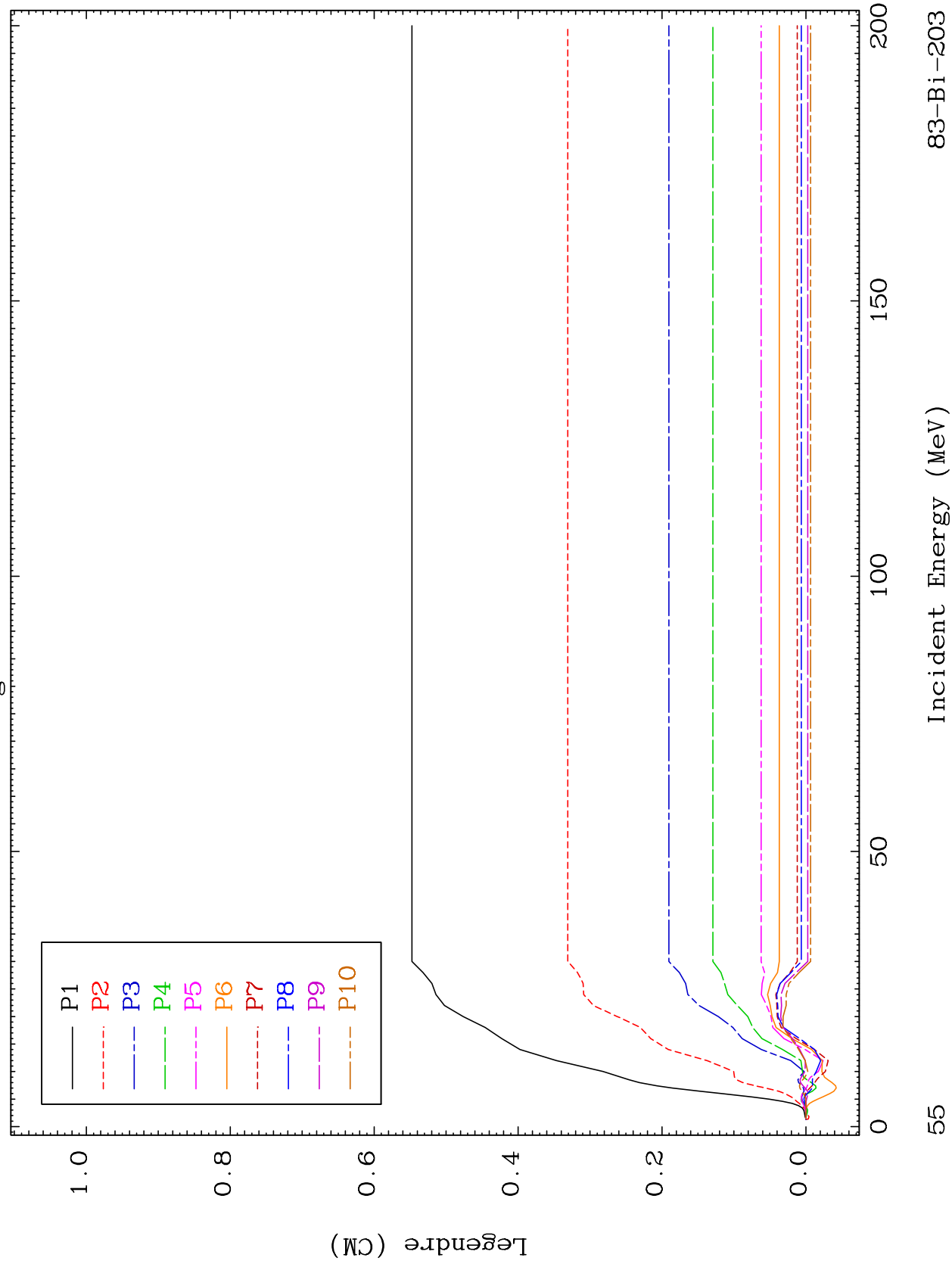


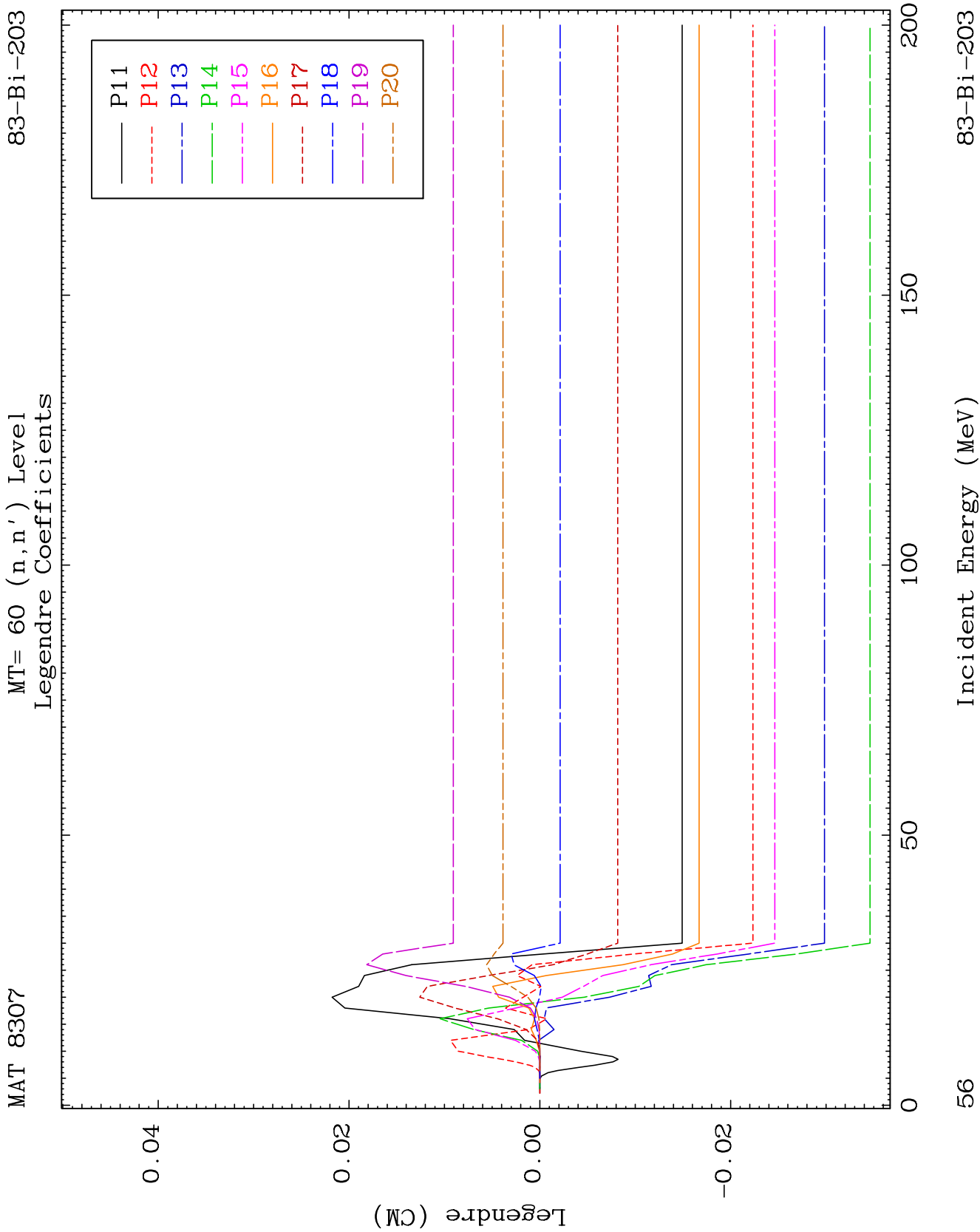


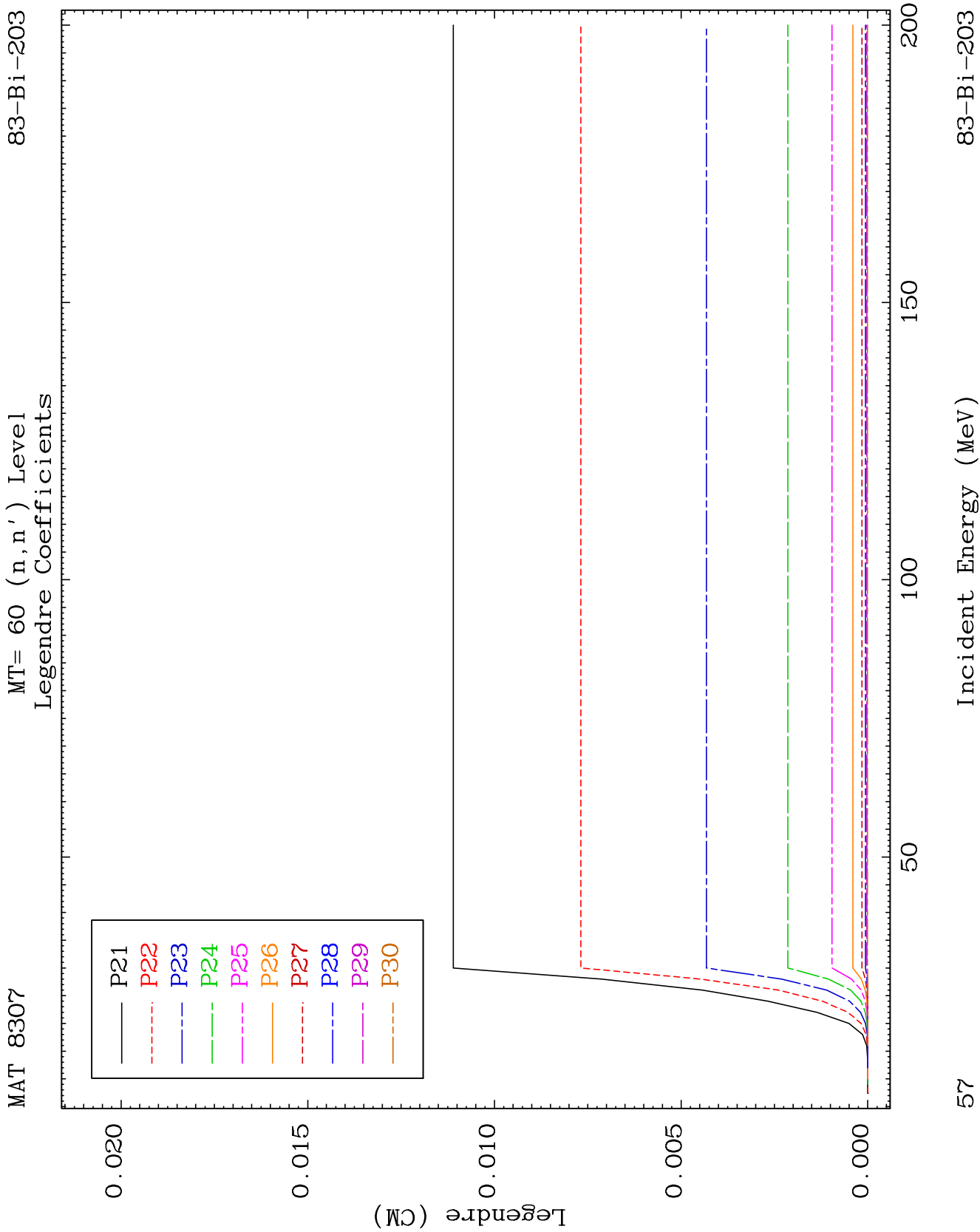
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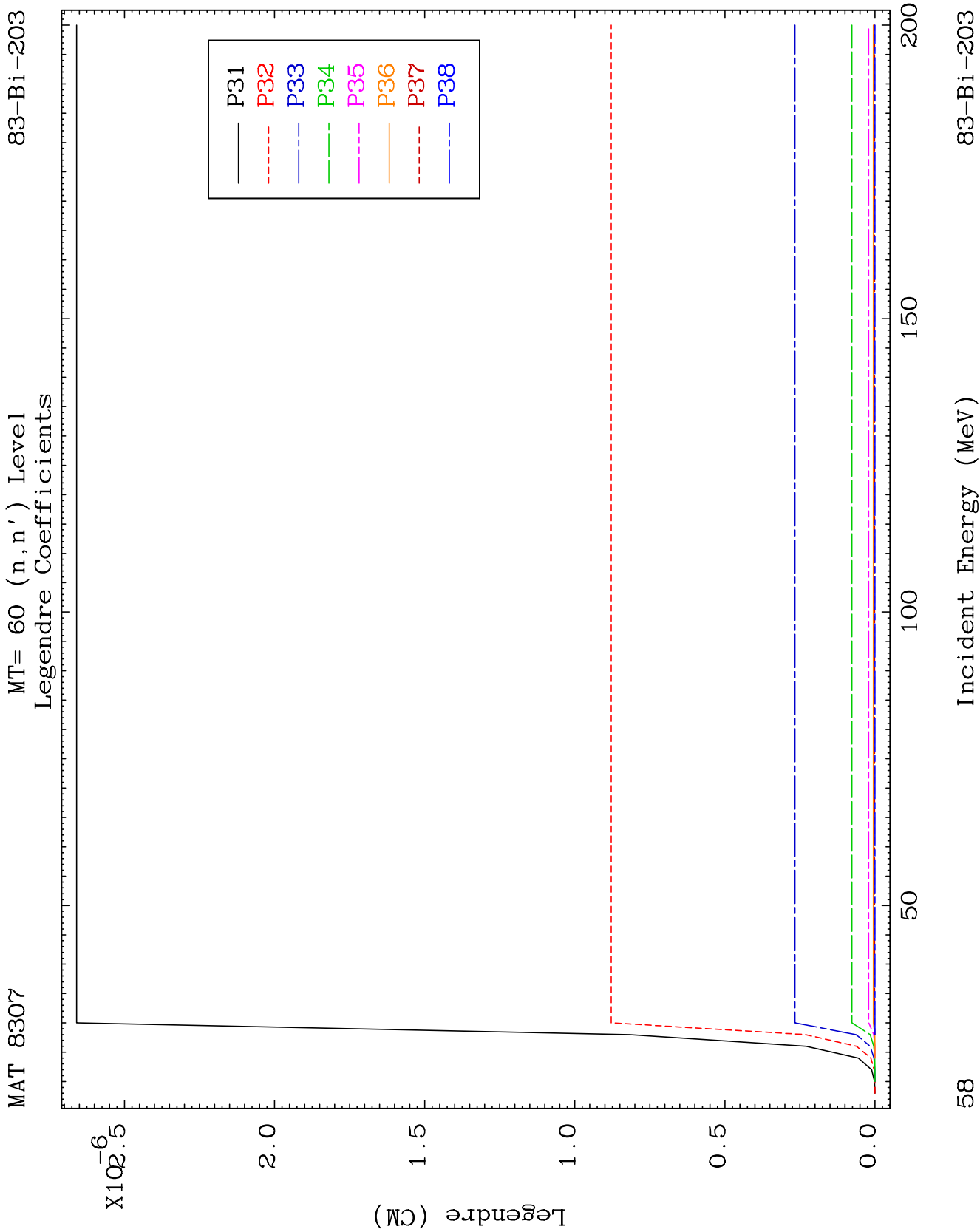
MT= 60 (n, n') Level
Legendre Coefficients

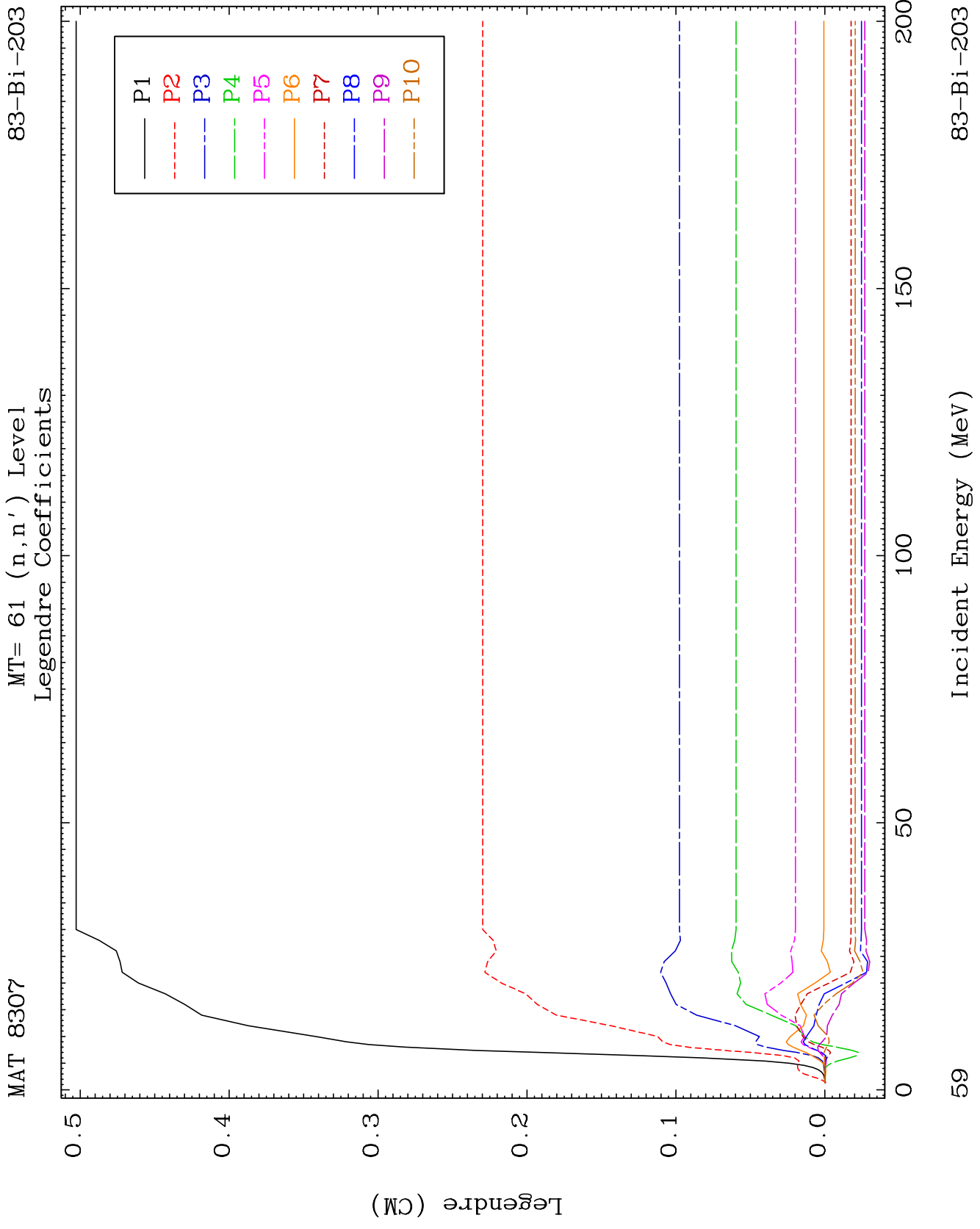
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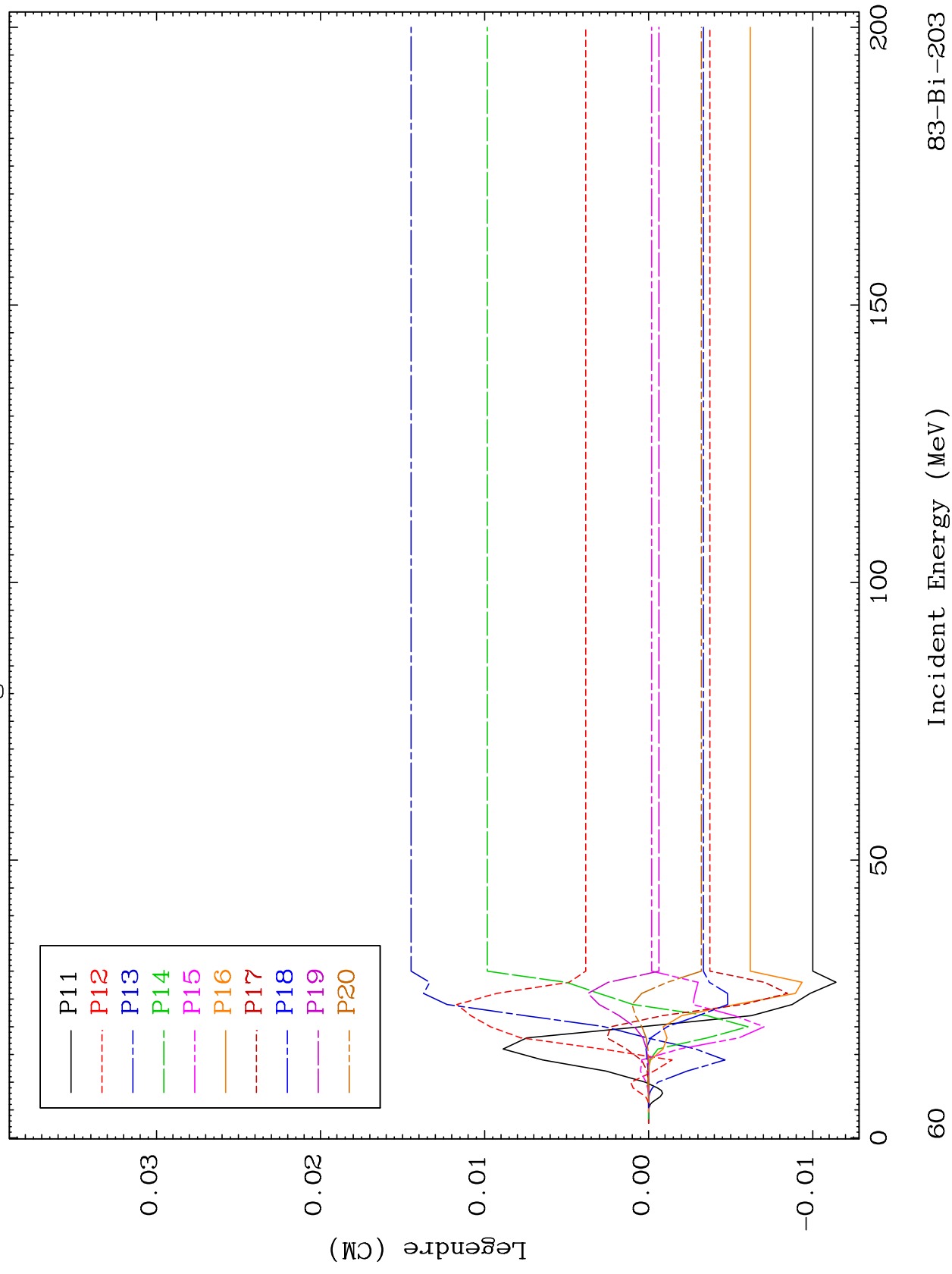




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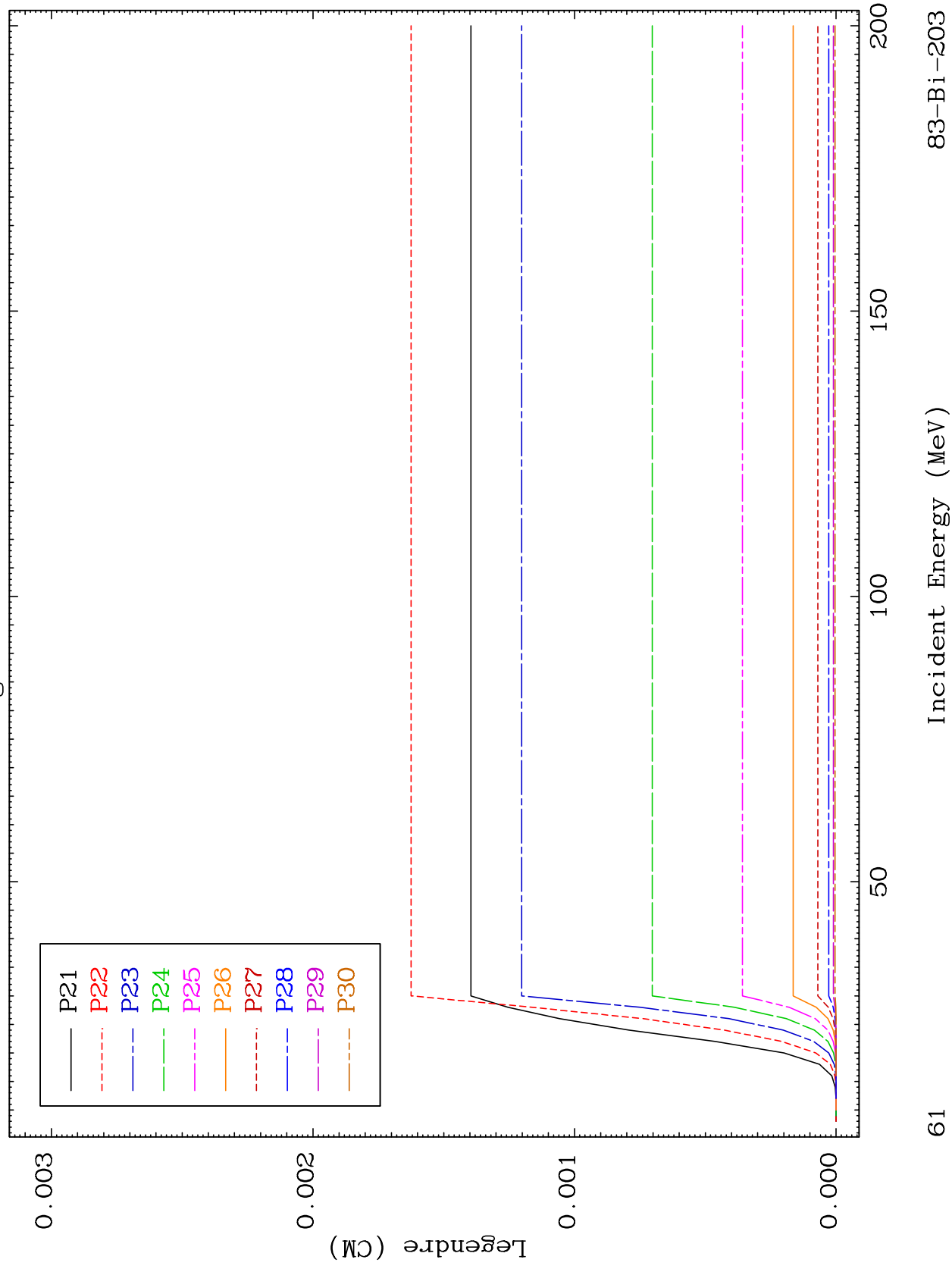
MT= 61 (n, n') Level
Legendre Coefficients



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MT= 61 (n, n') Level
Legendre Coefficients

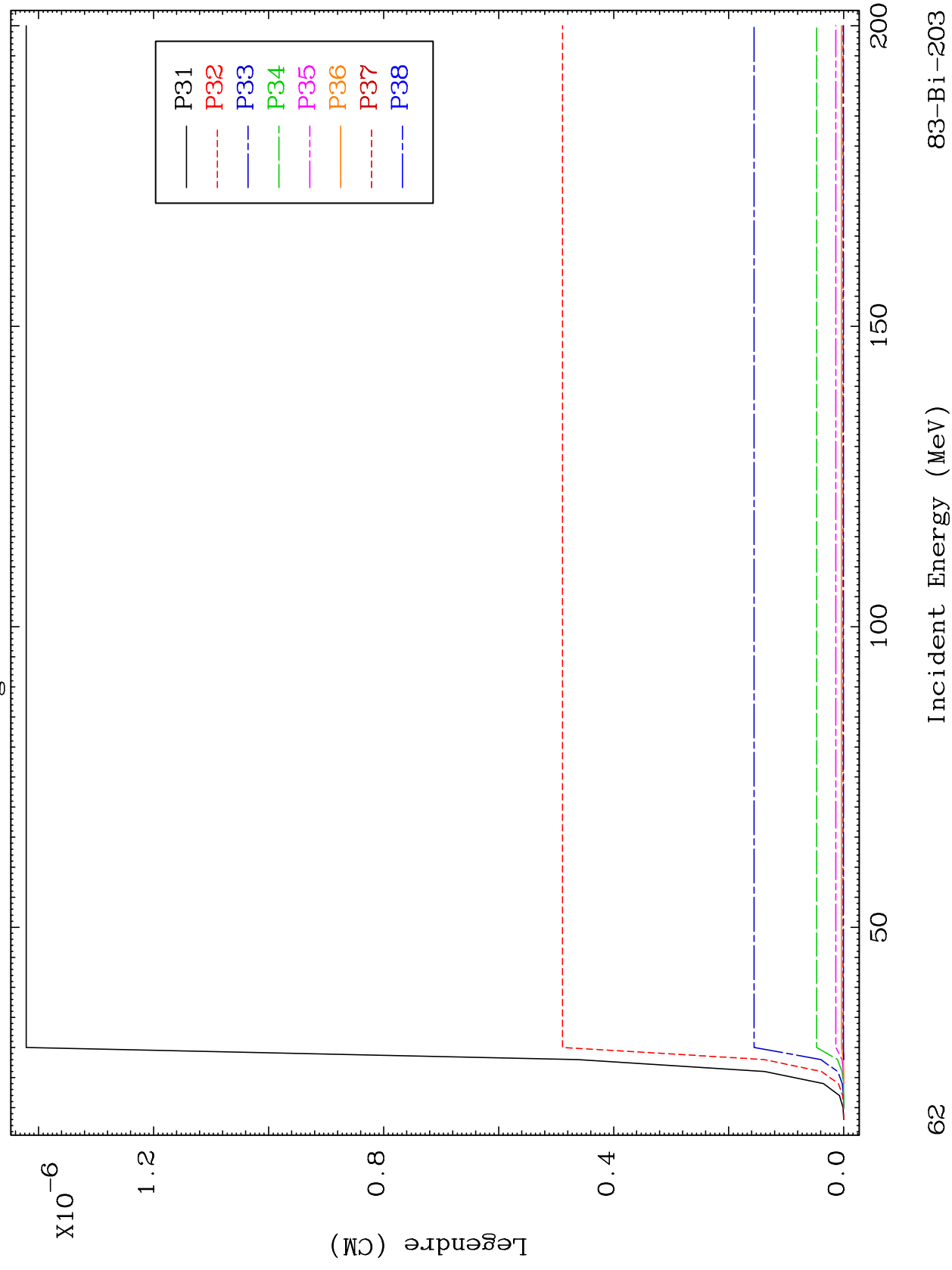
83-Bi-203



MAT 8307

MT= 61 (n, n') Level
Legendre Coefficients

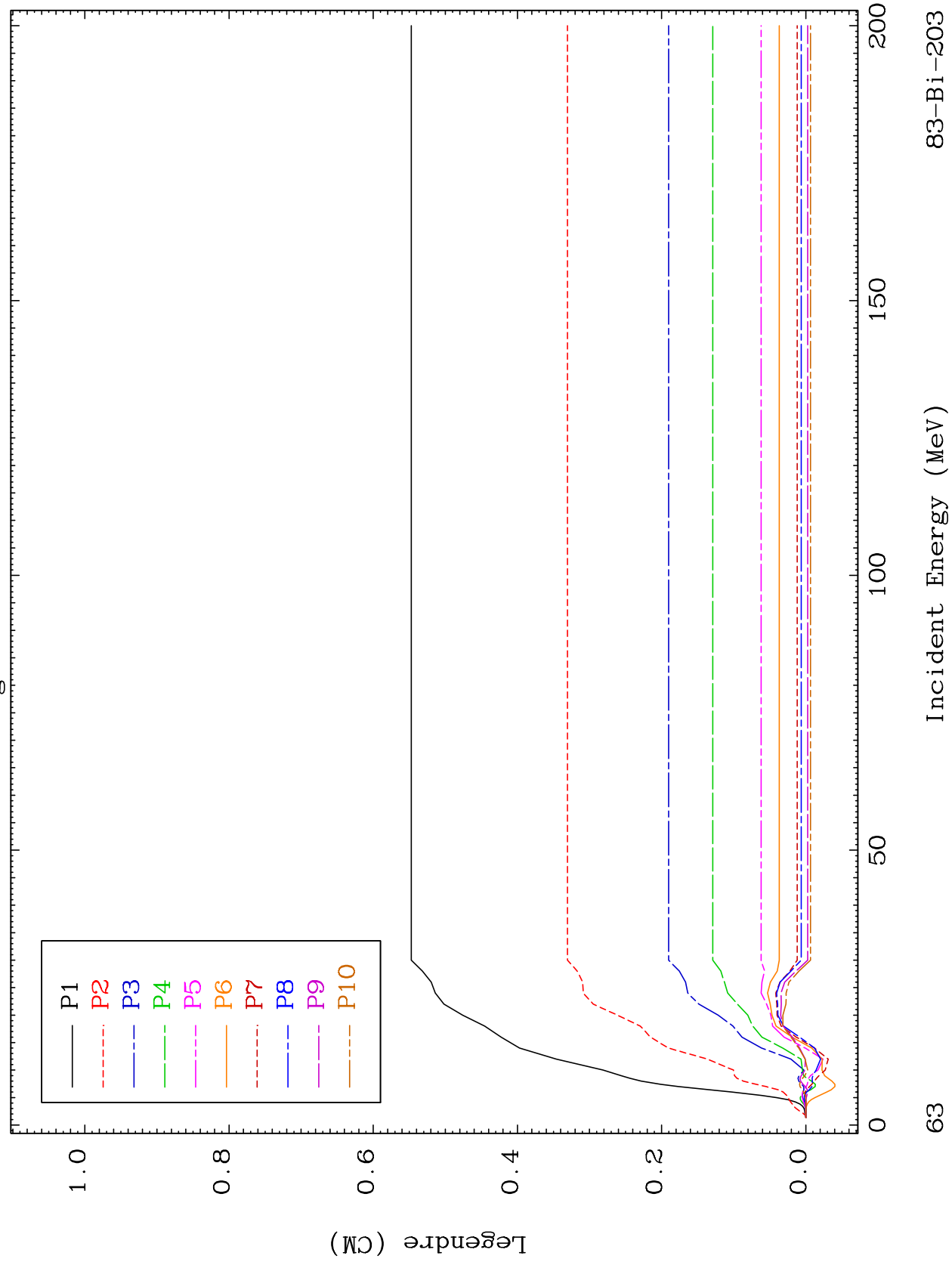
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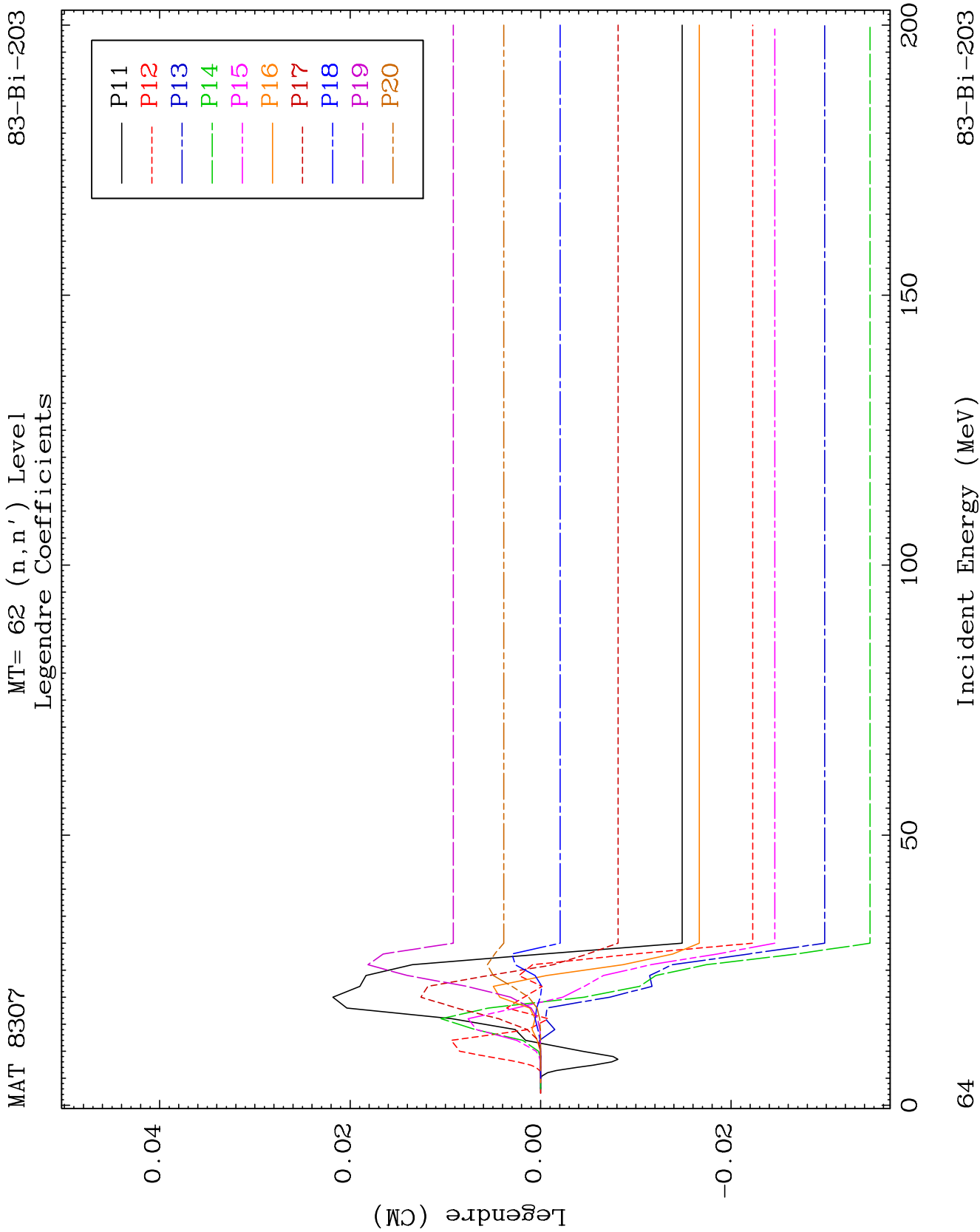


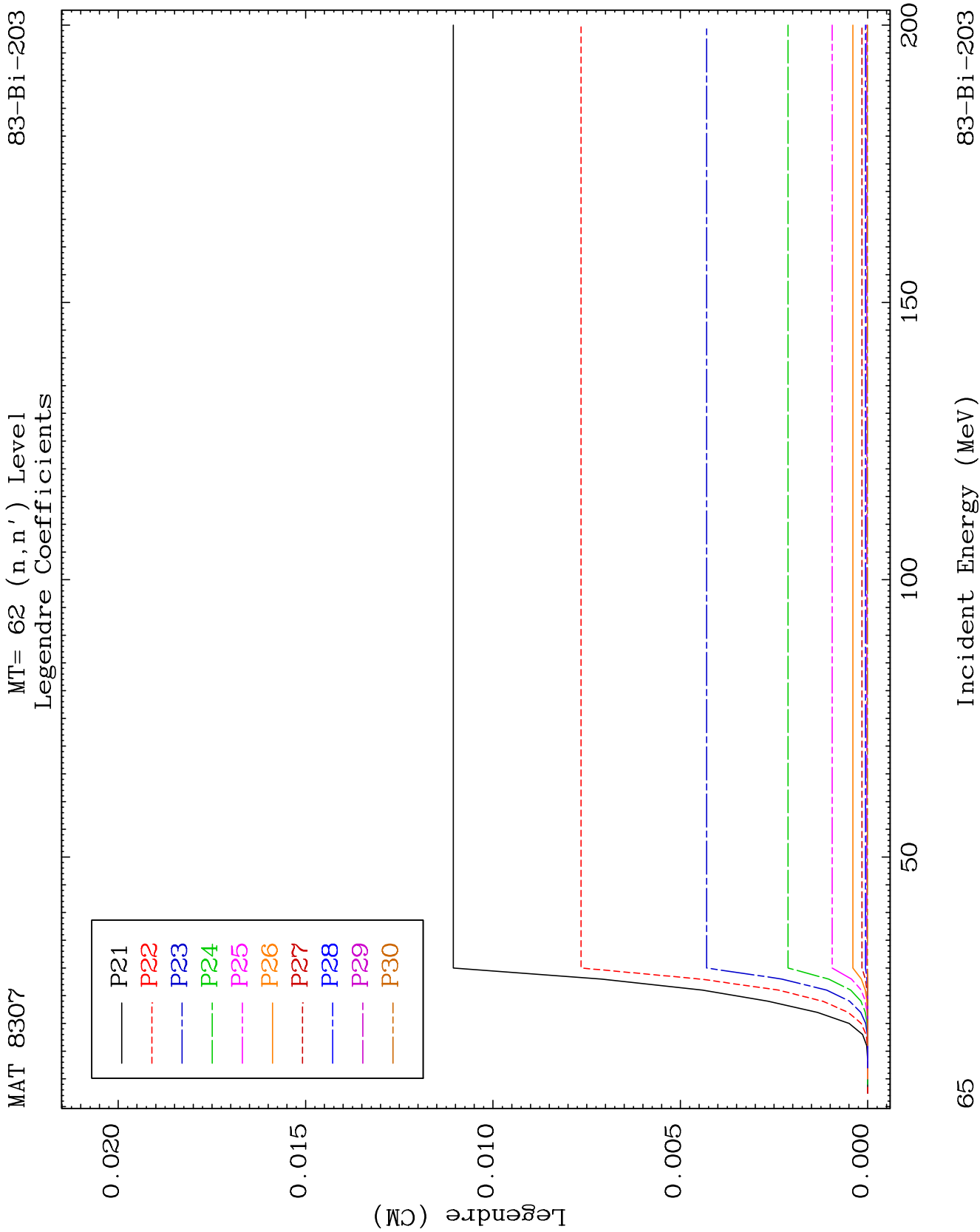
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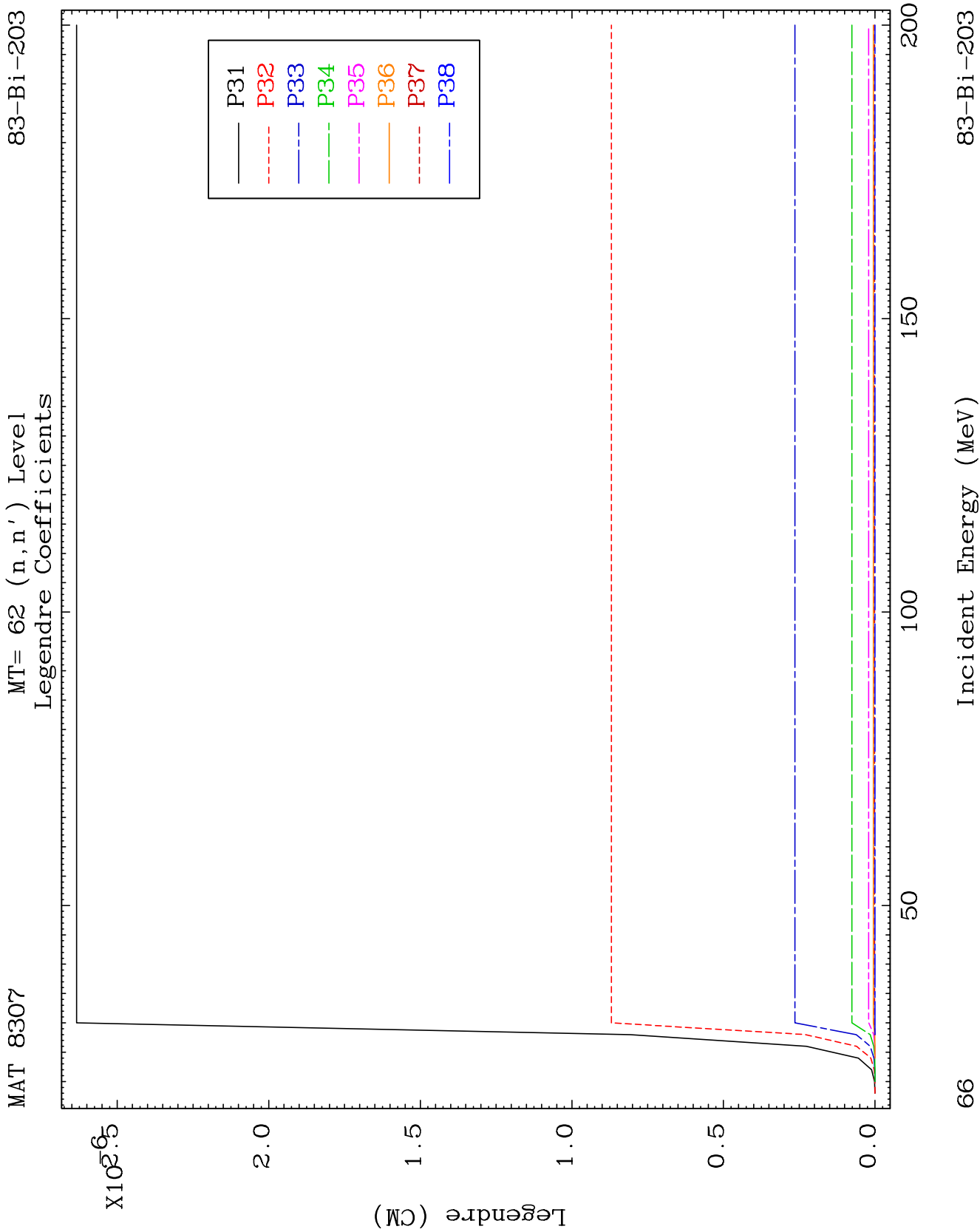
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Legendre Coefficients

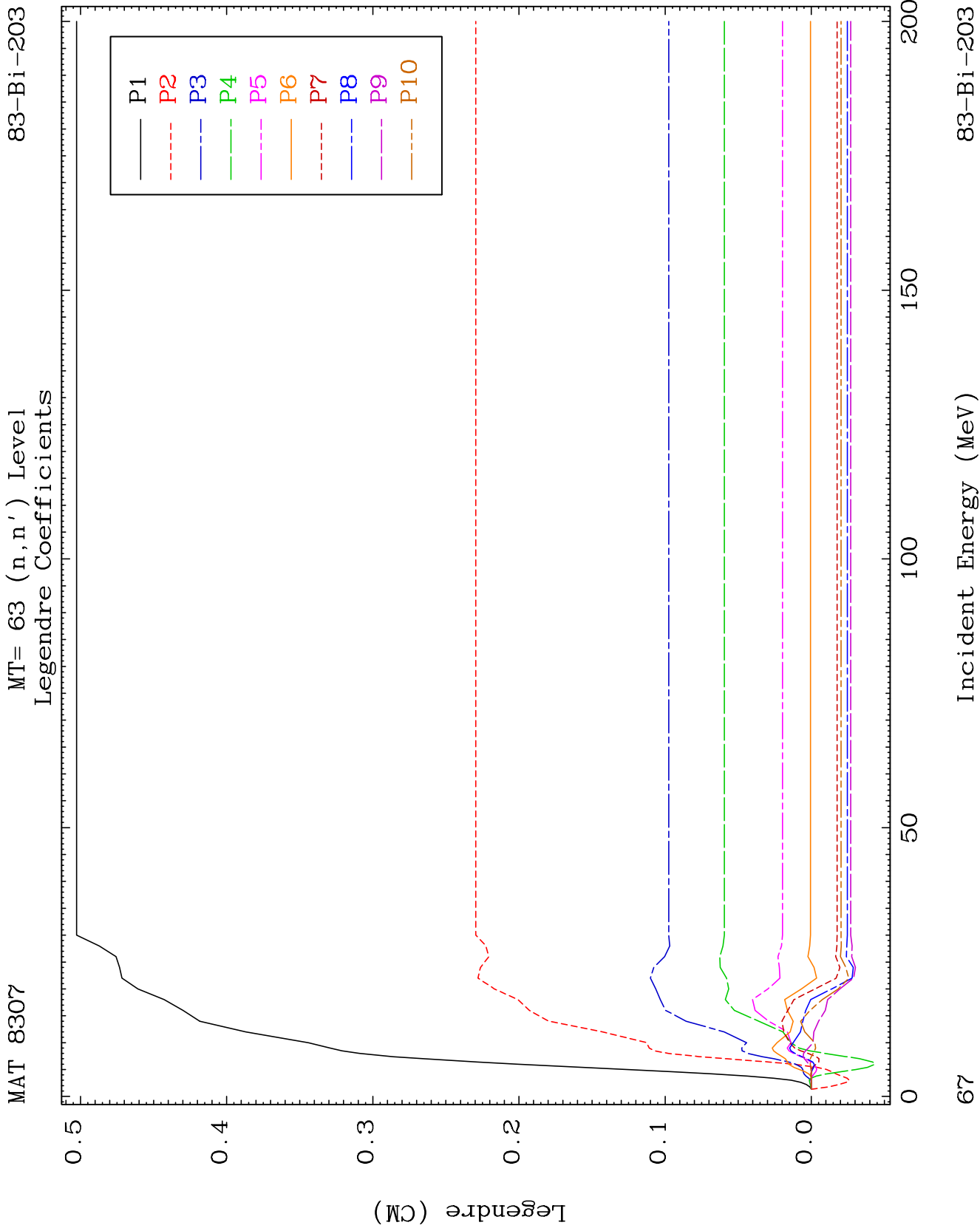
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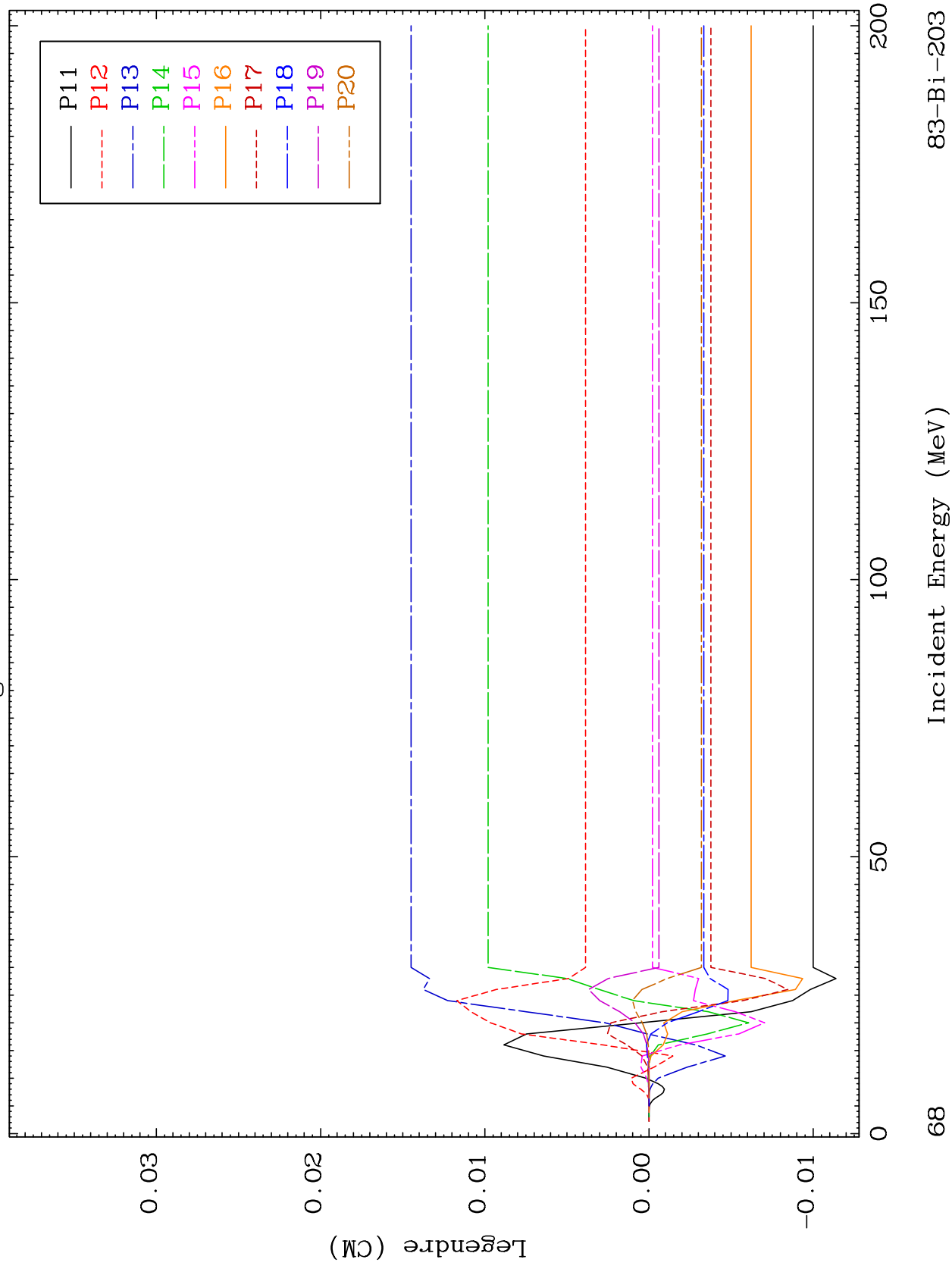


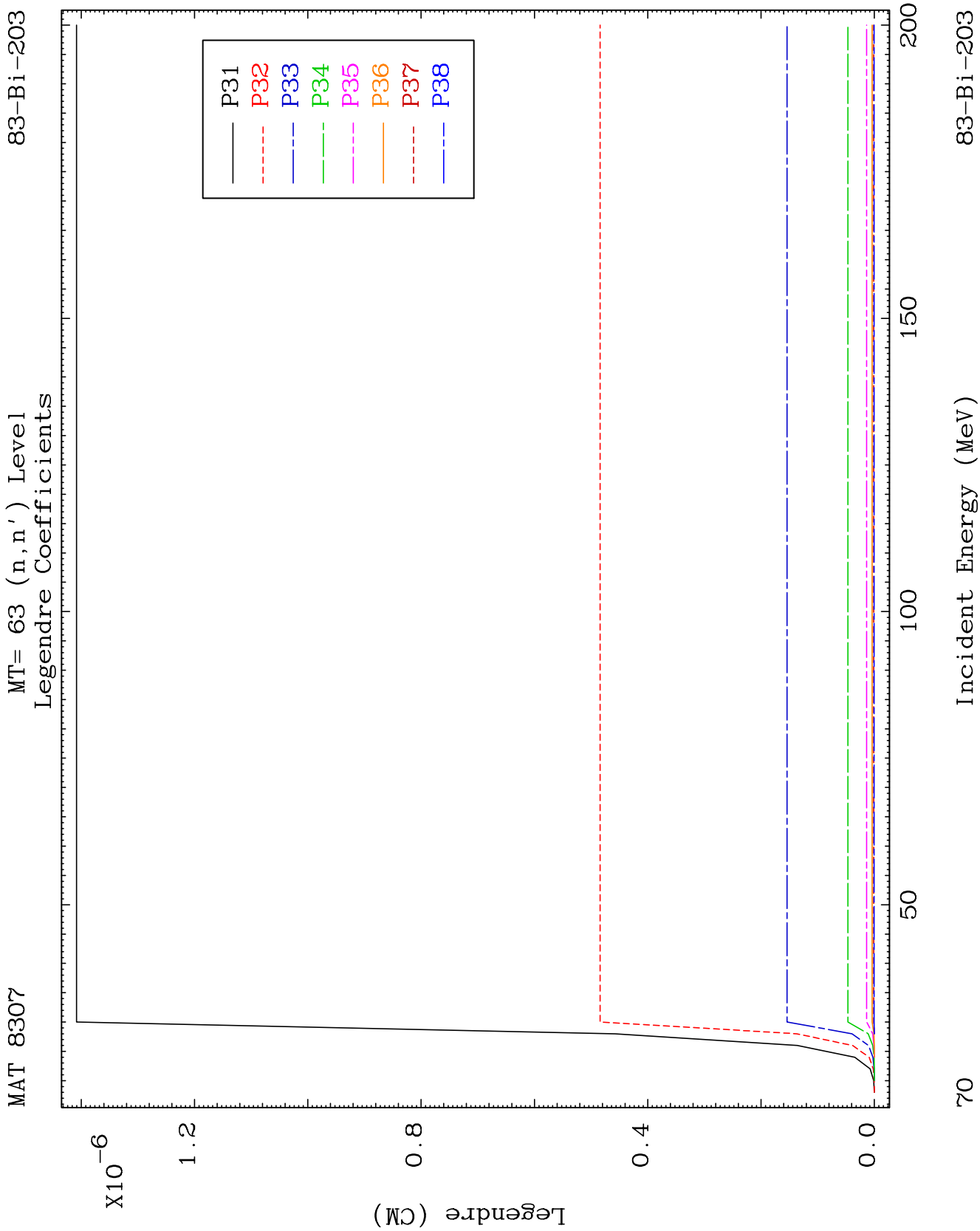


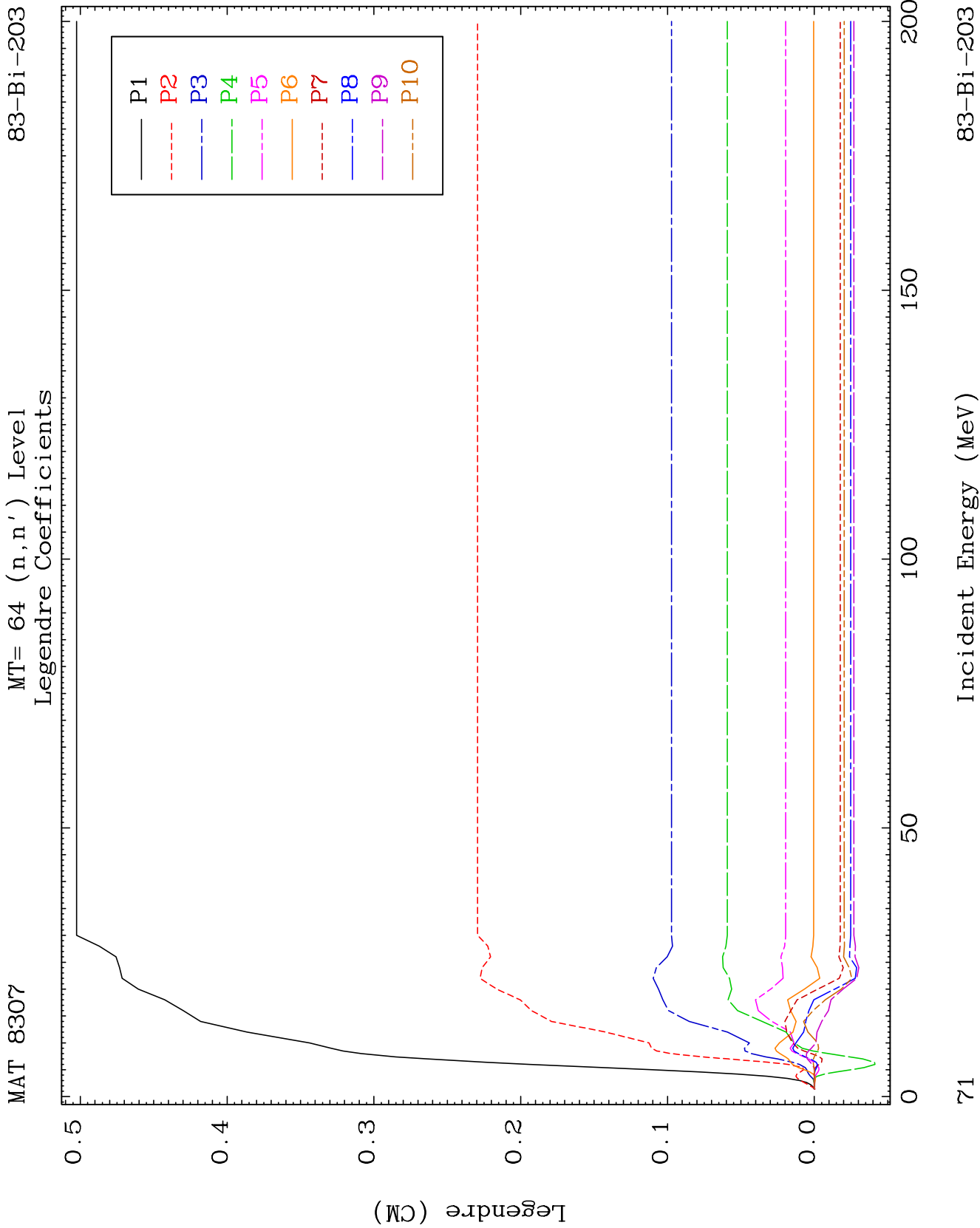
MAT 8307

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

83-Bi-203



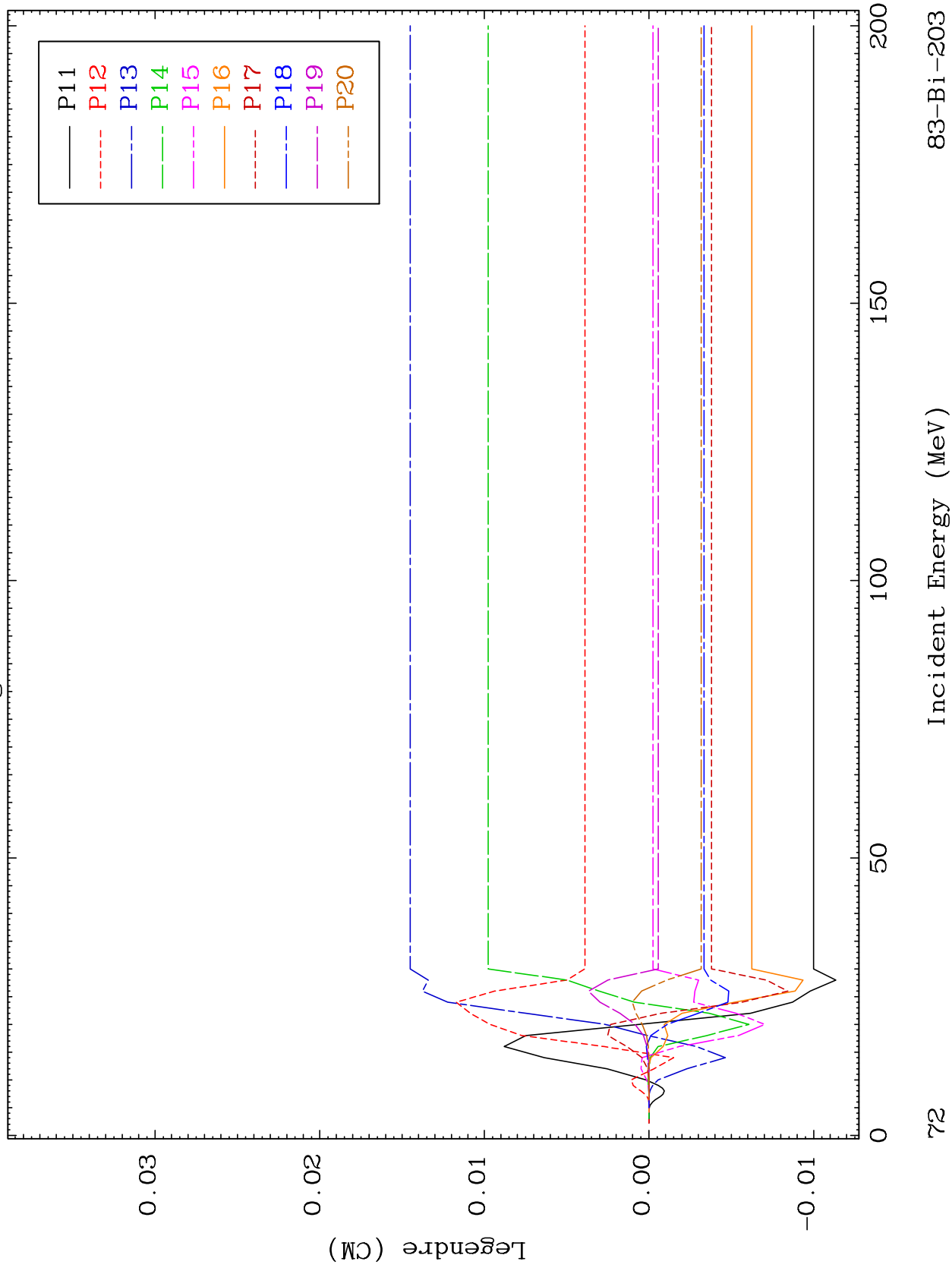


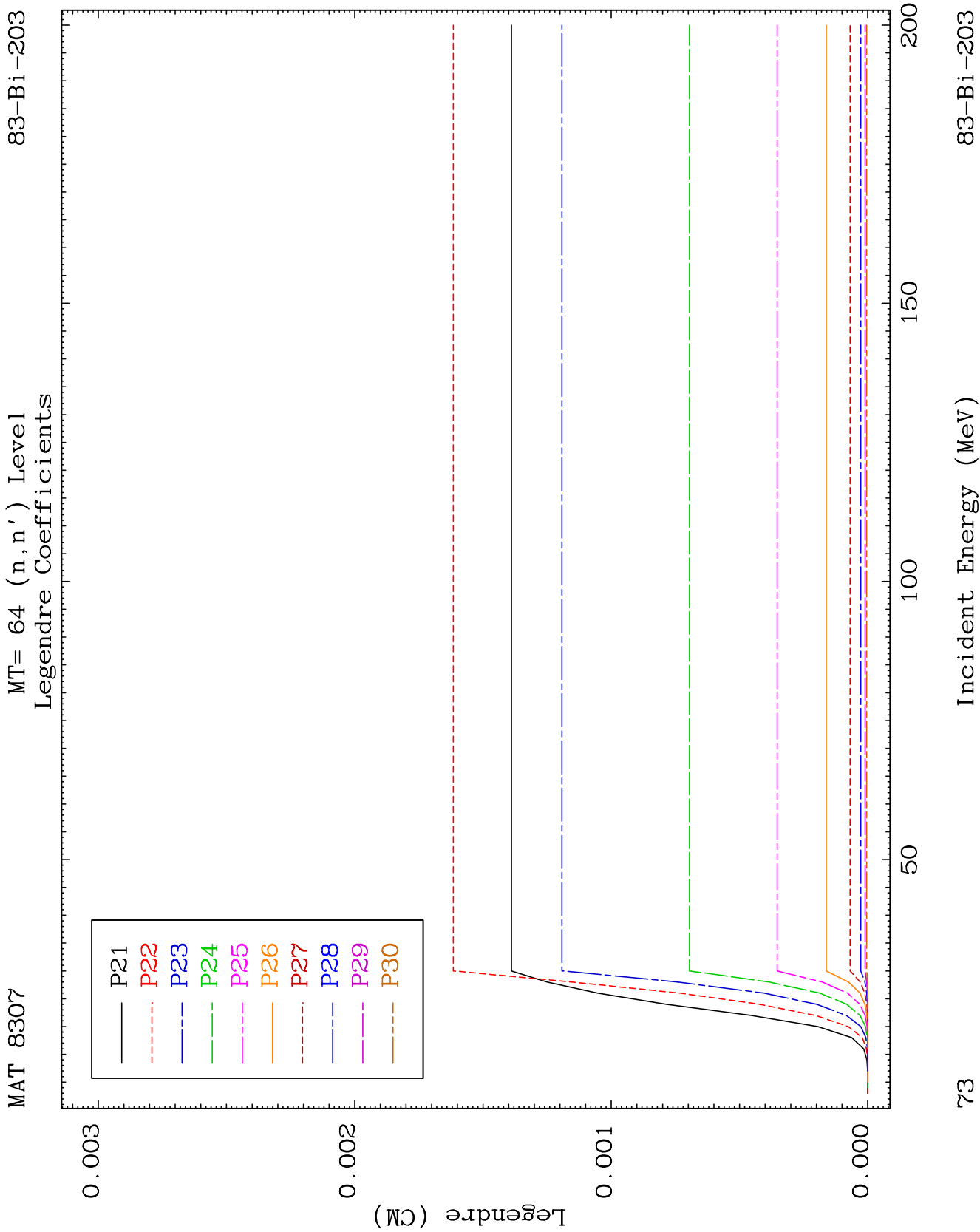


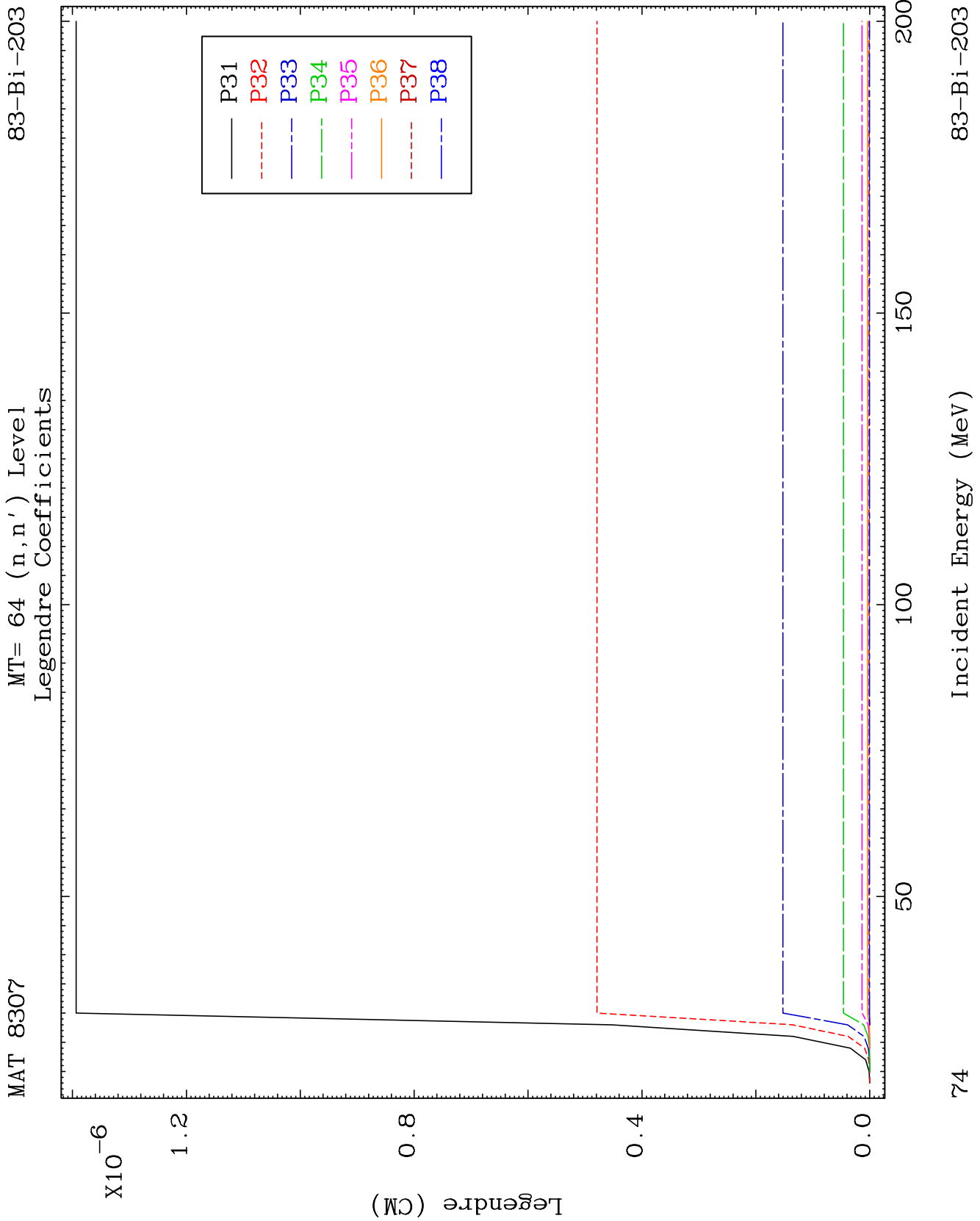
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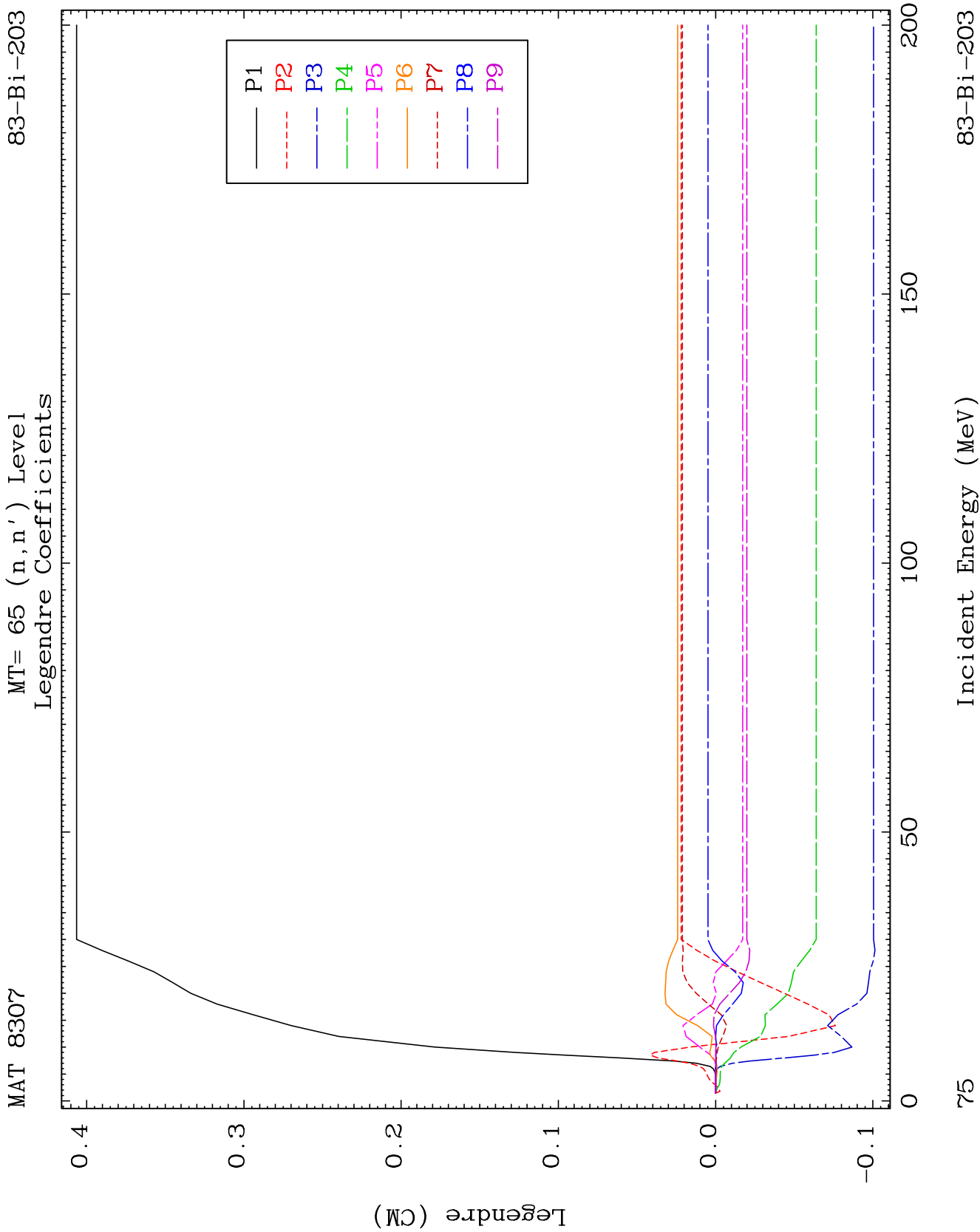
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Legendre Coefficients

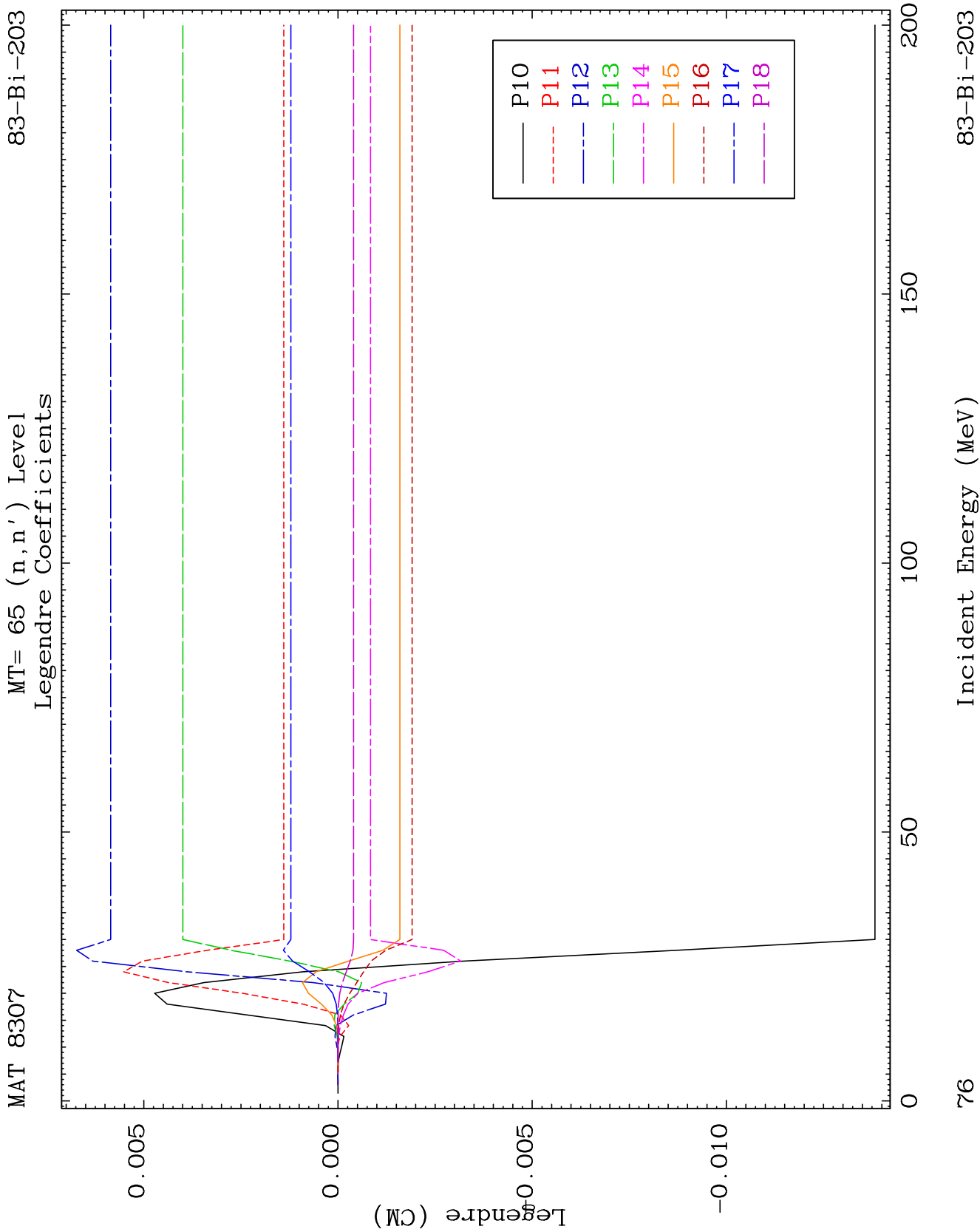
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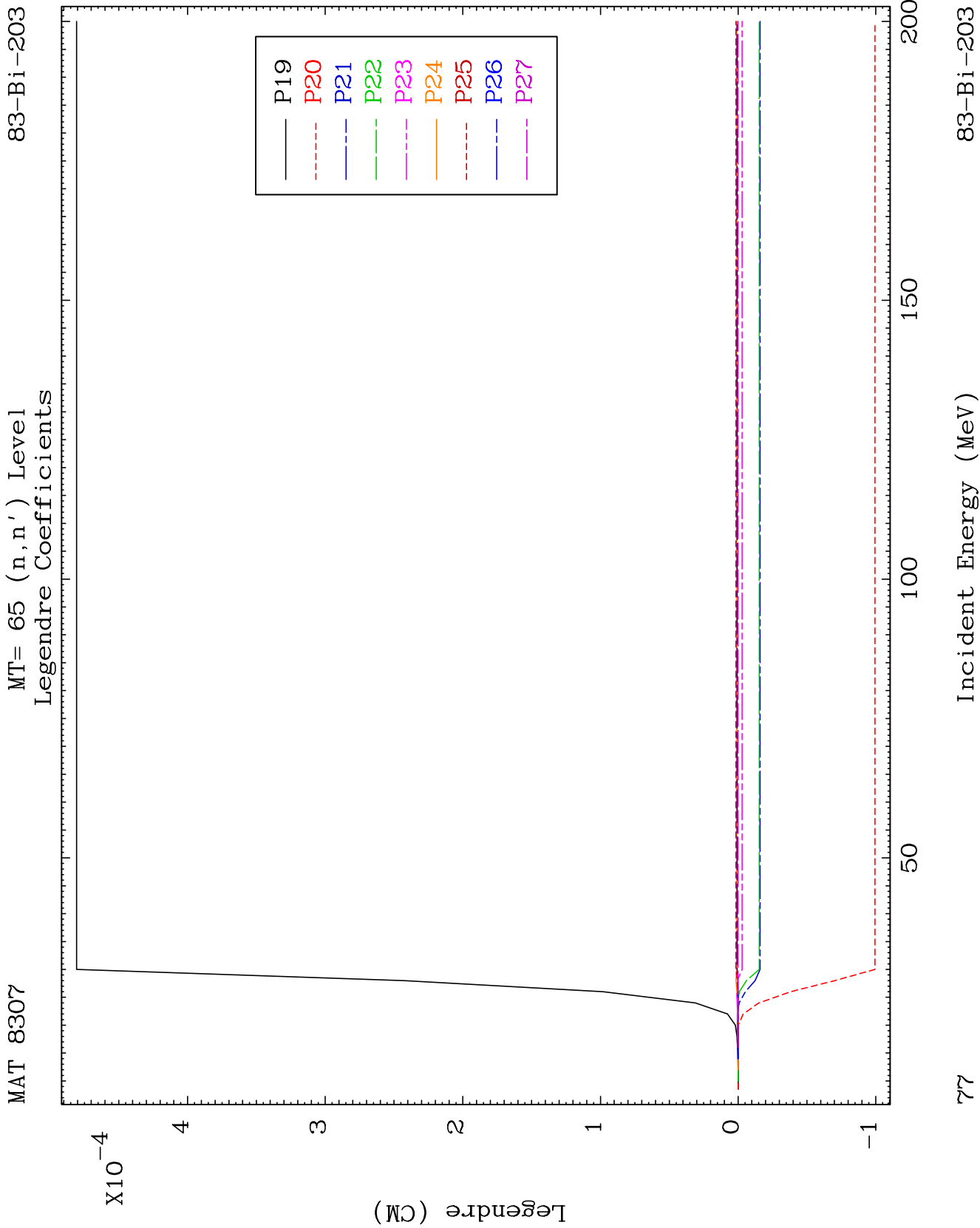


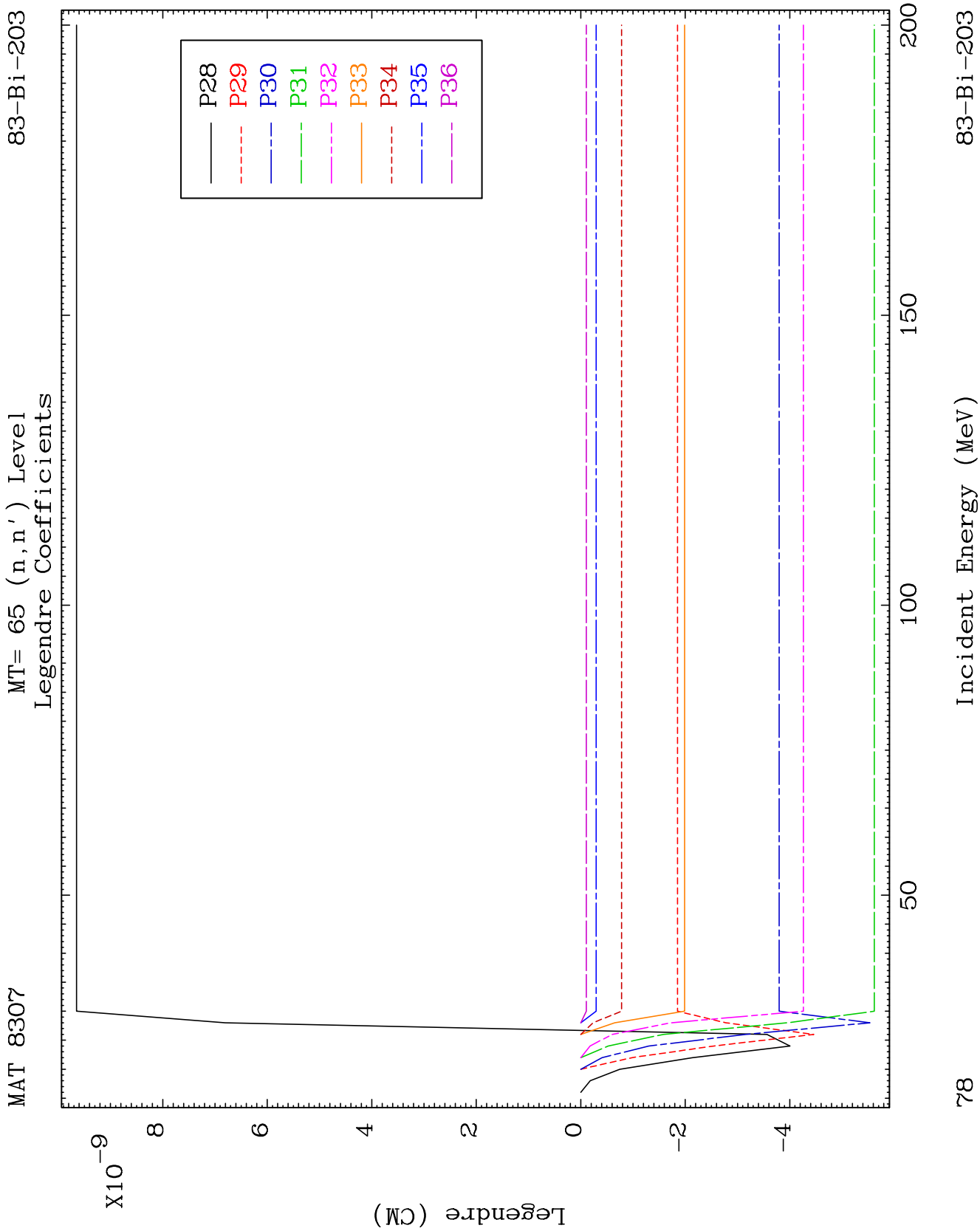


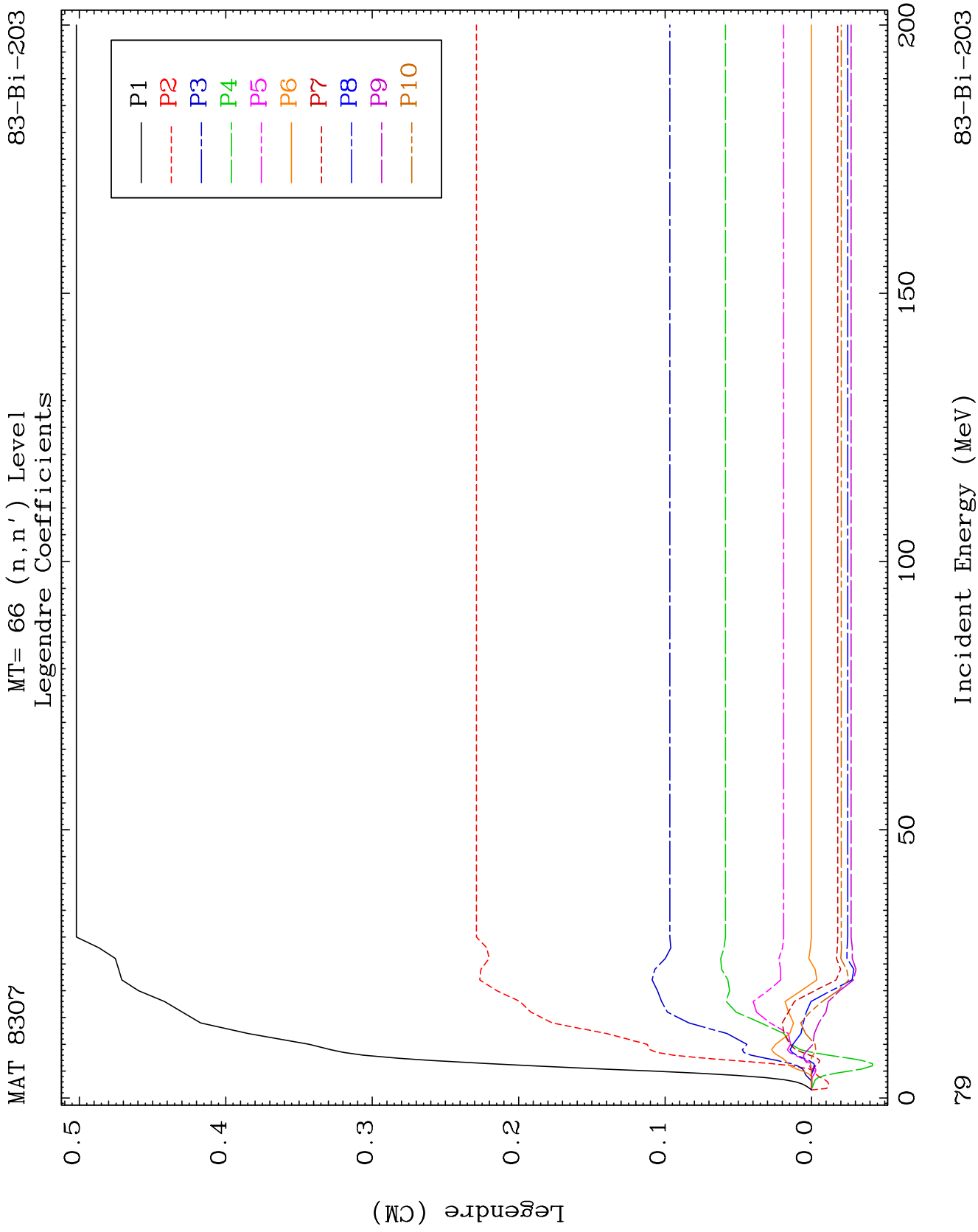








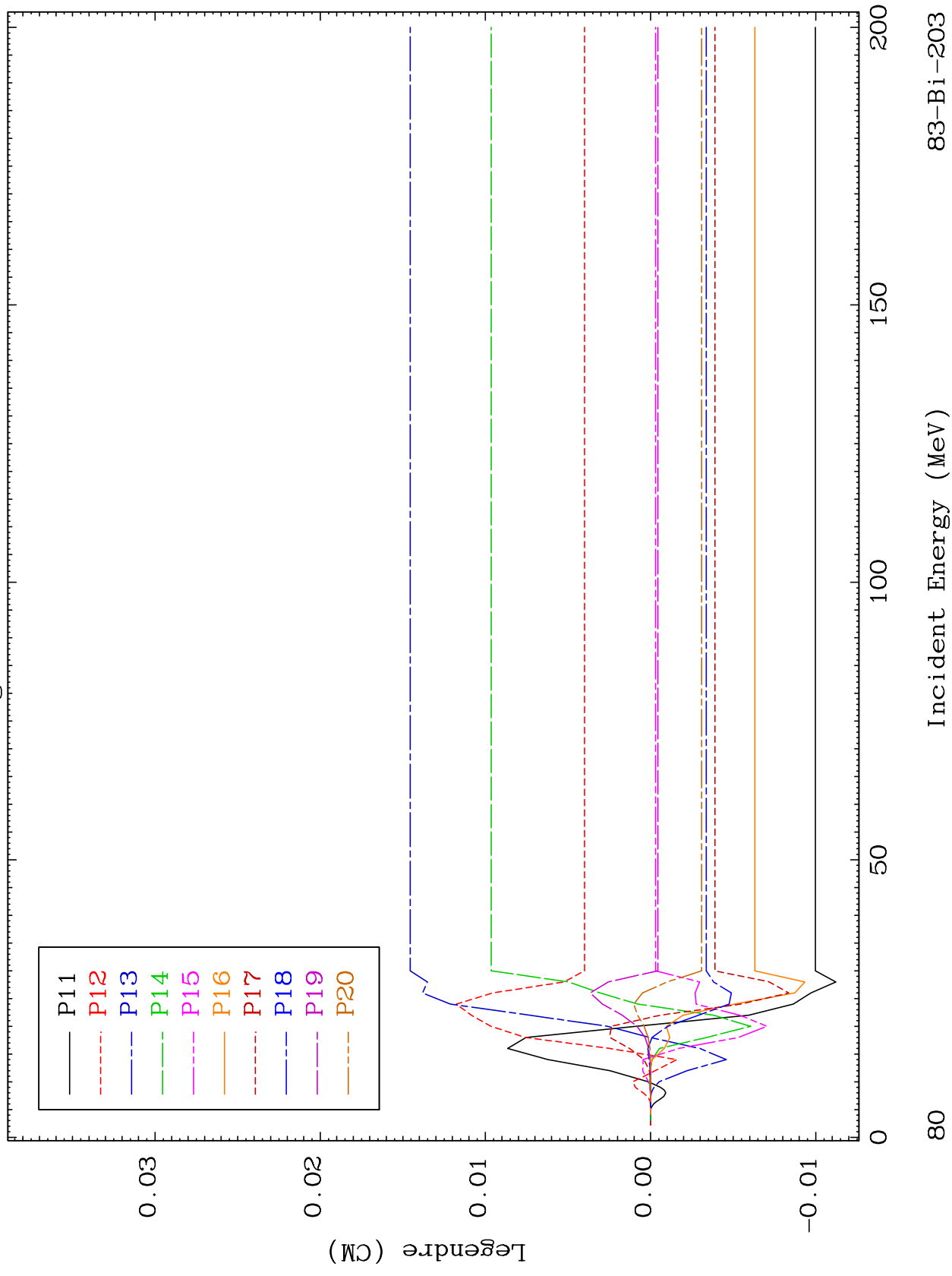


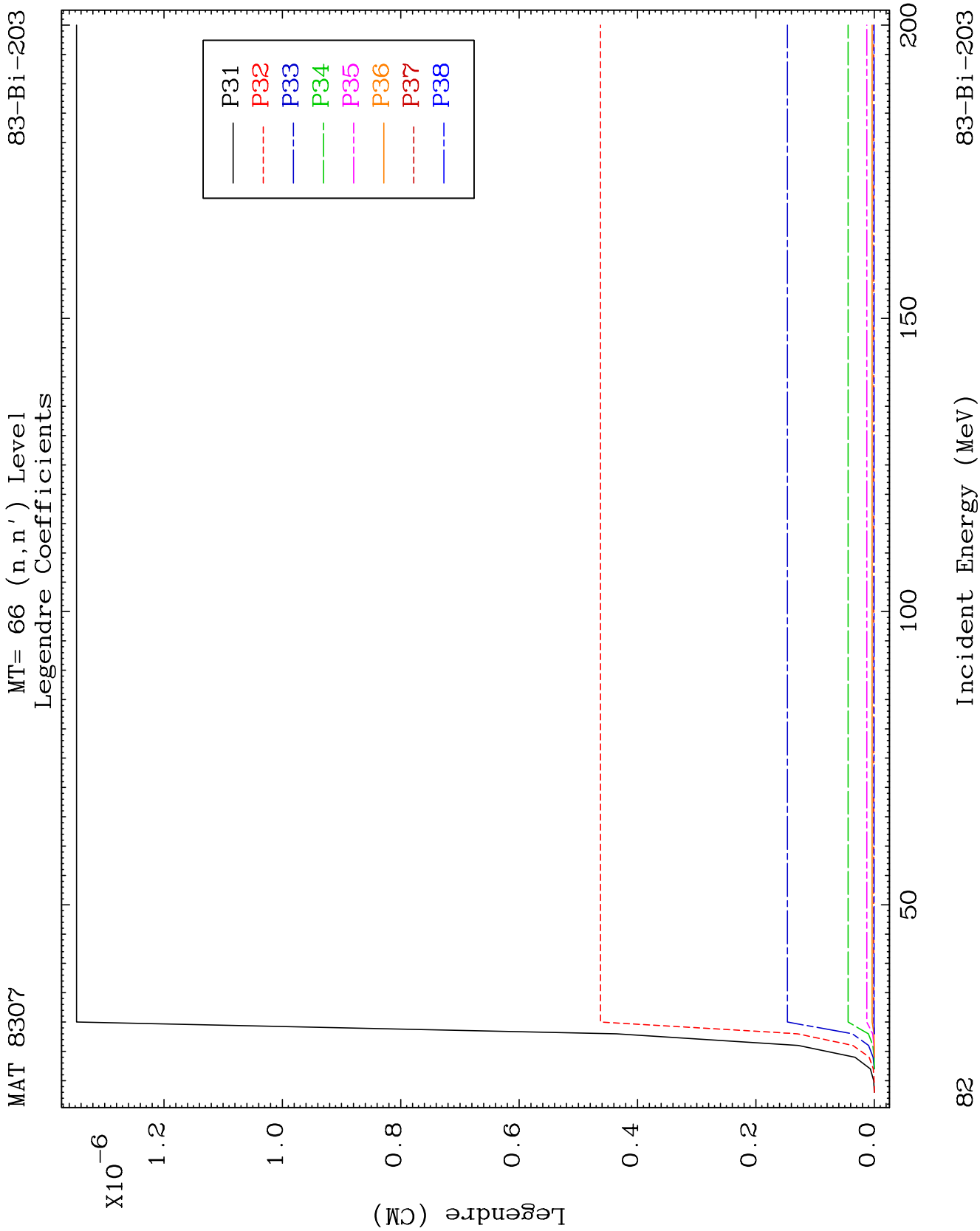


MAT 8307

83-Bi-203

MT= 66 (n, n') Level
Legendre Coefficients

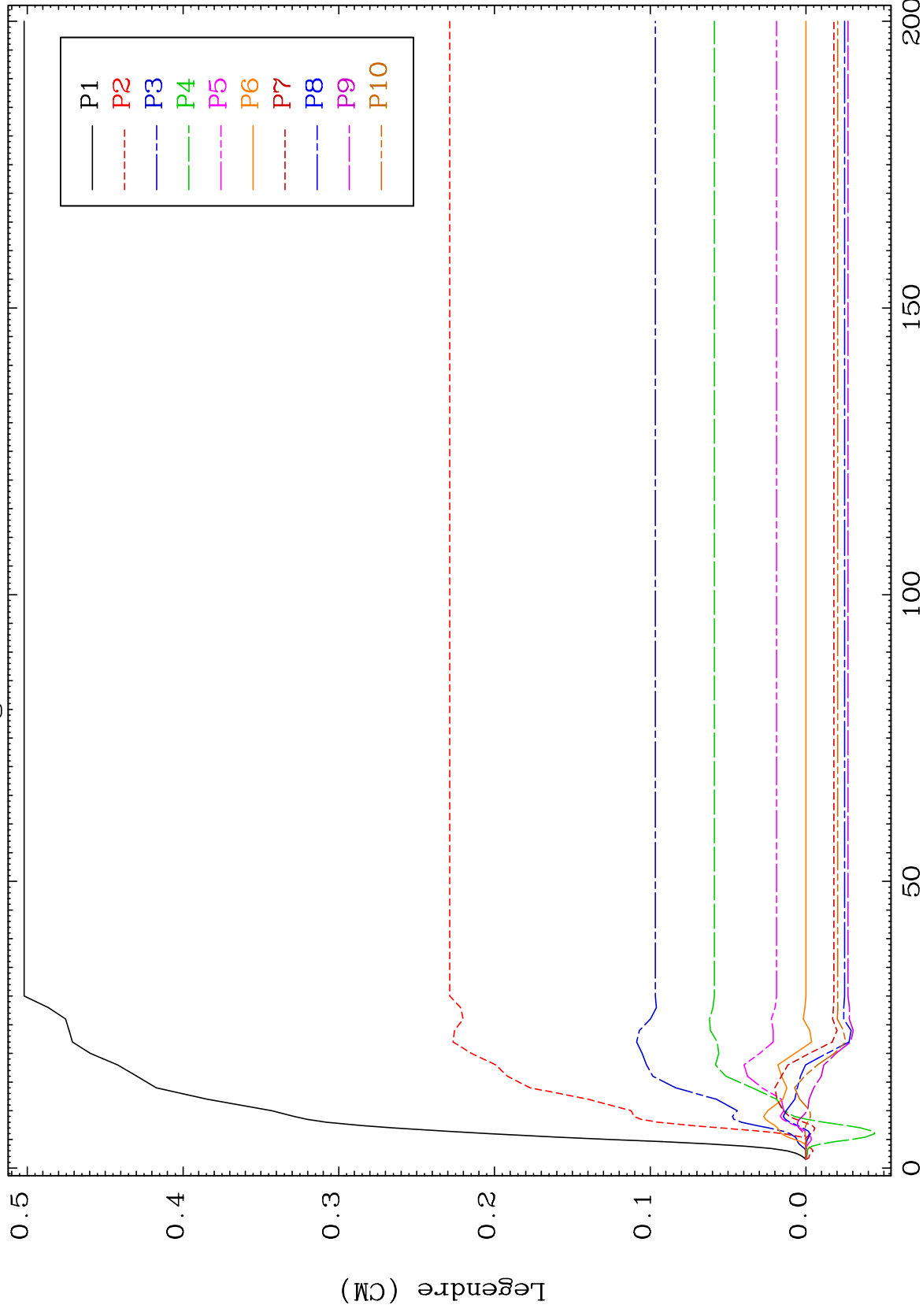




MAT 8307

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

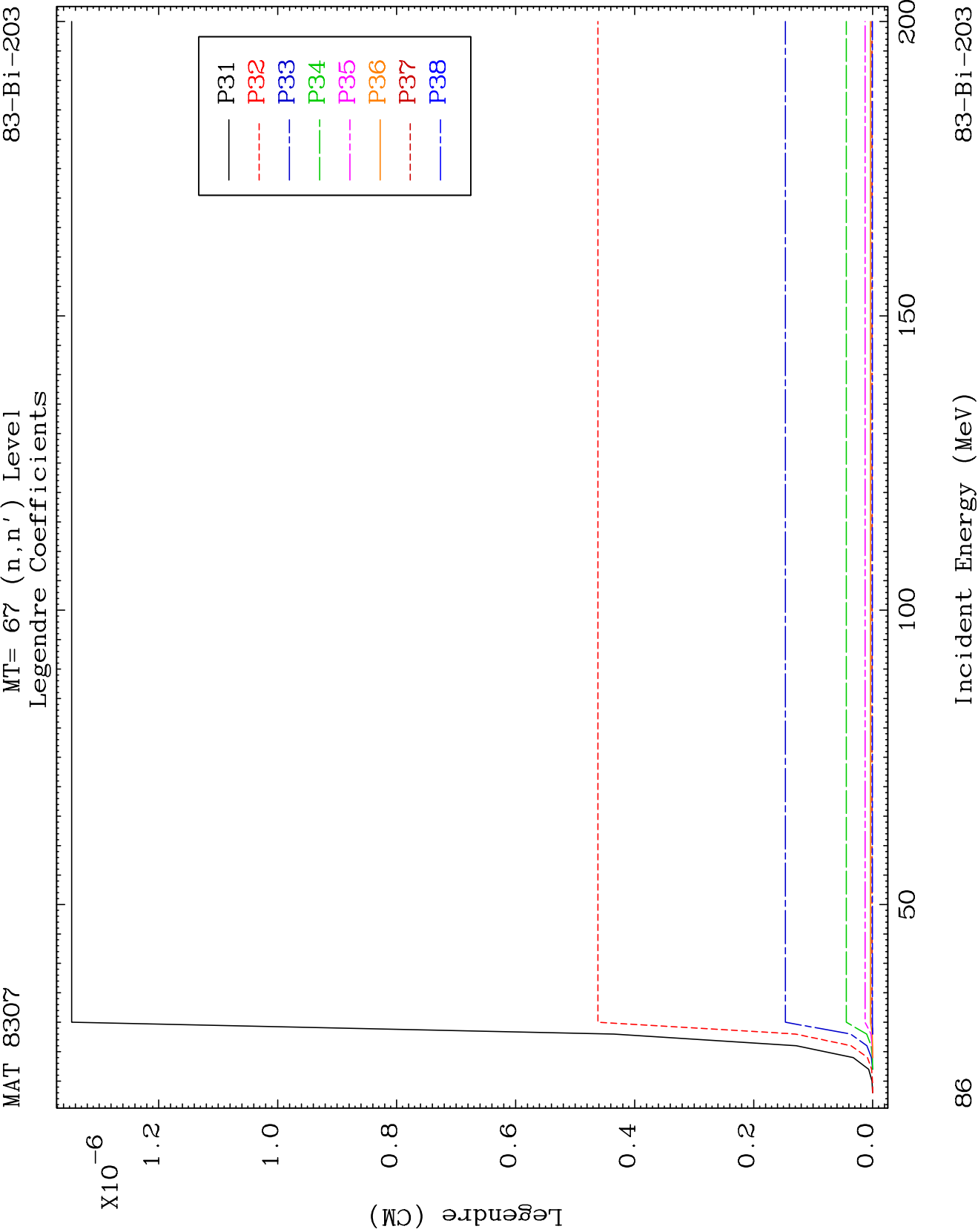
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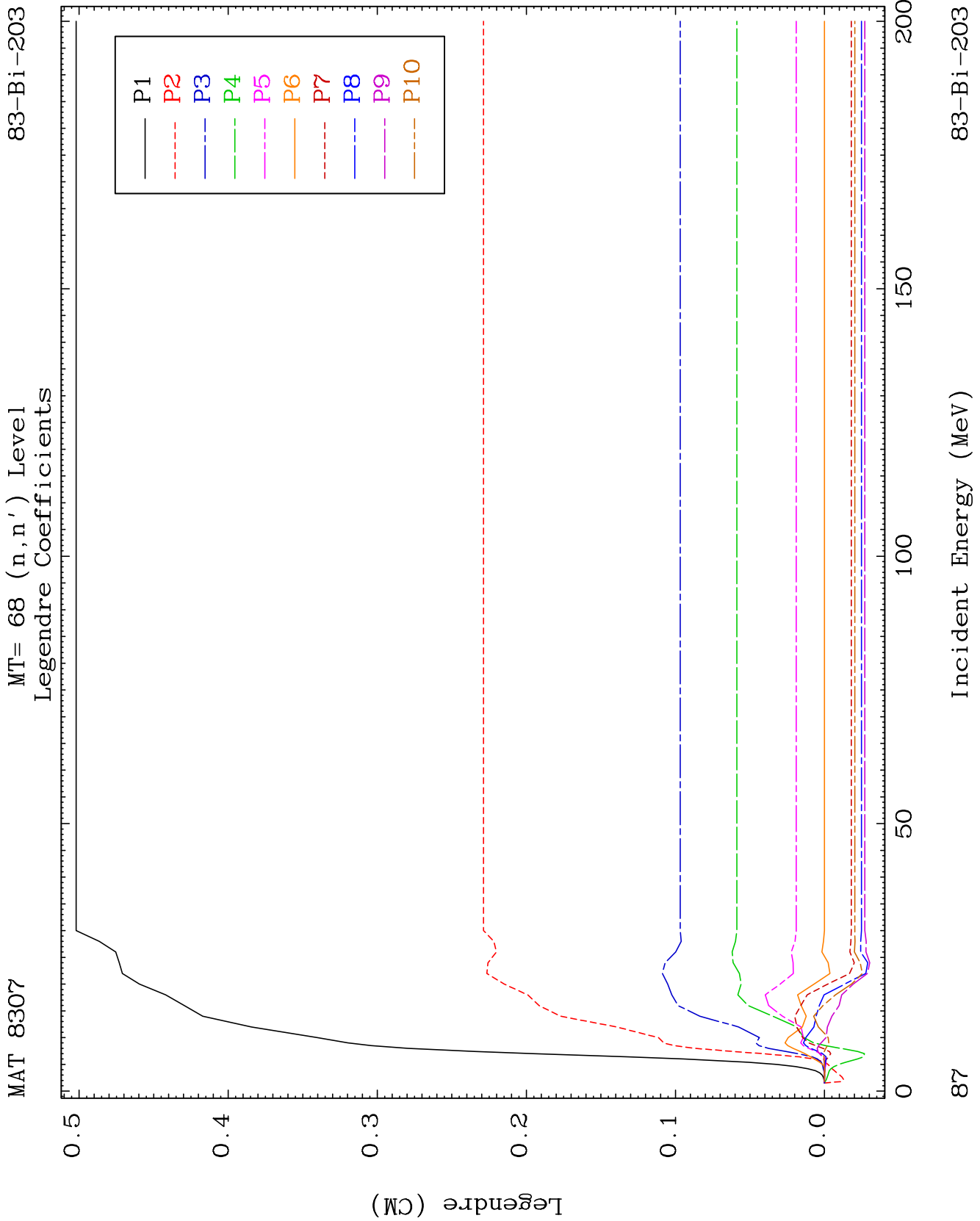


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Incident Energy (MeV)

83-Bi-203

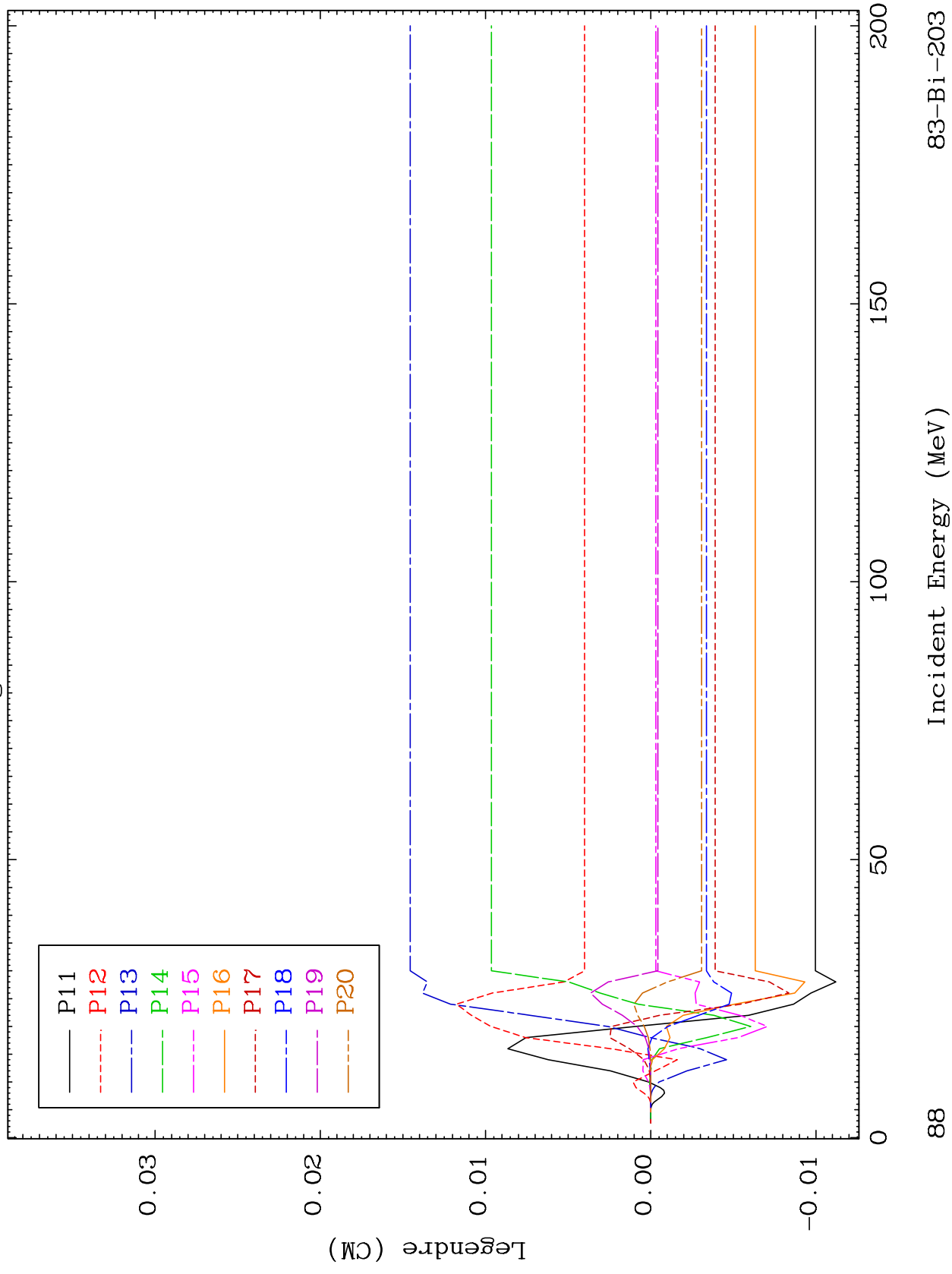


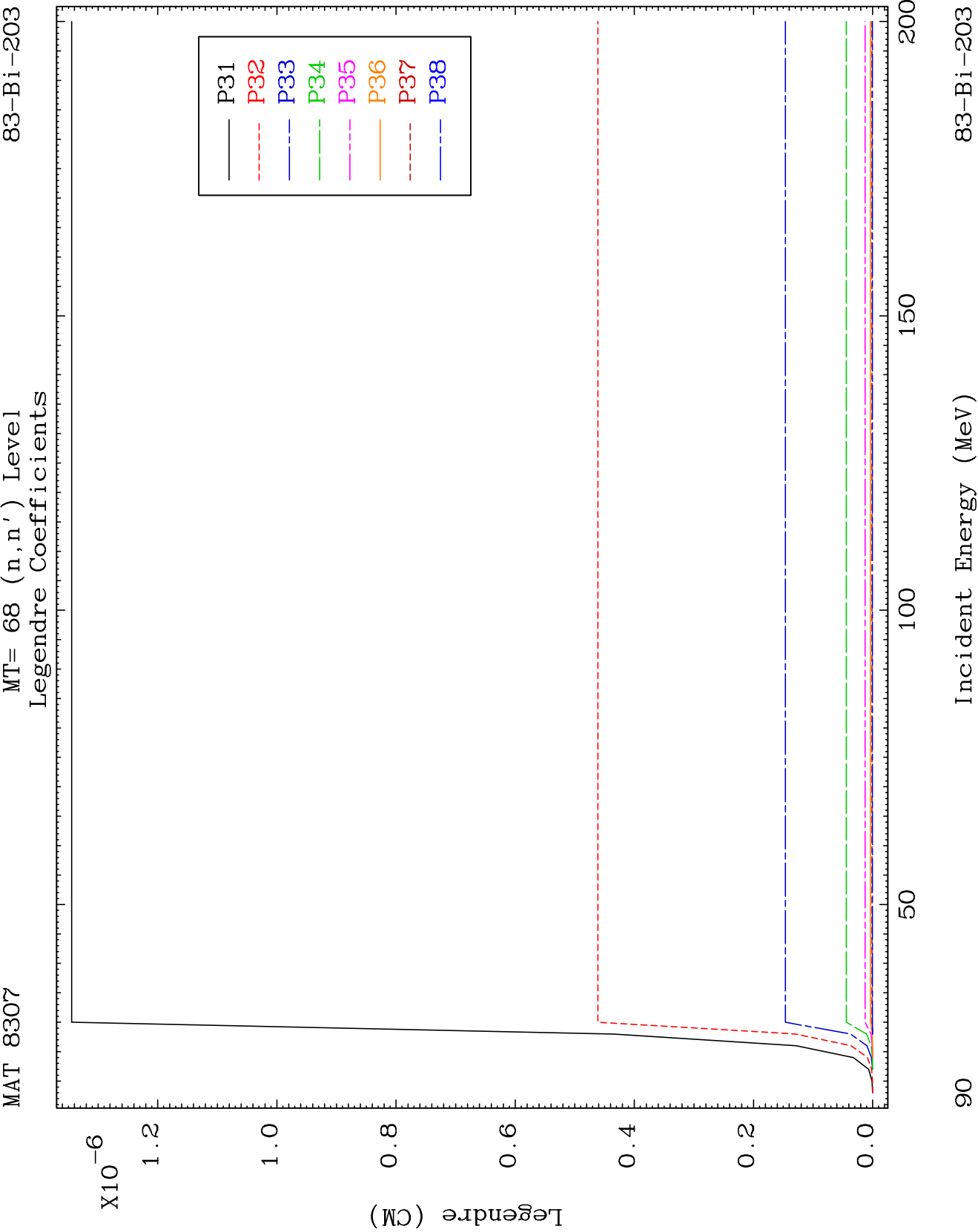


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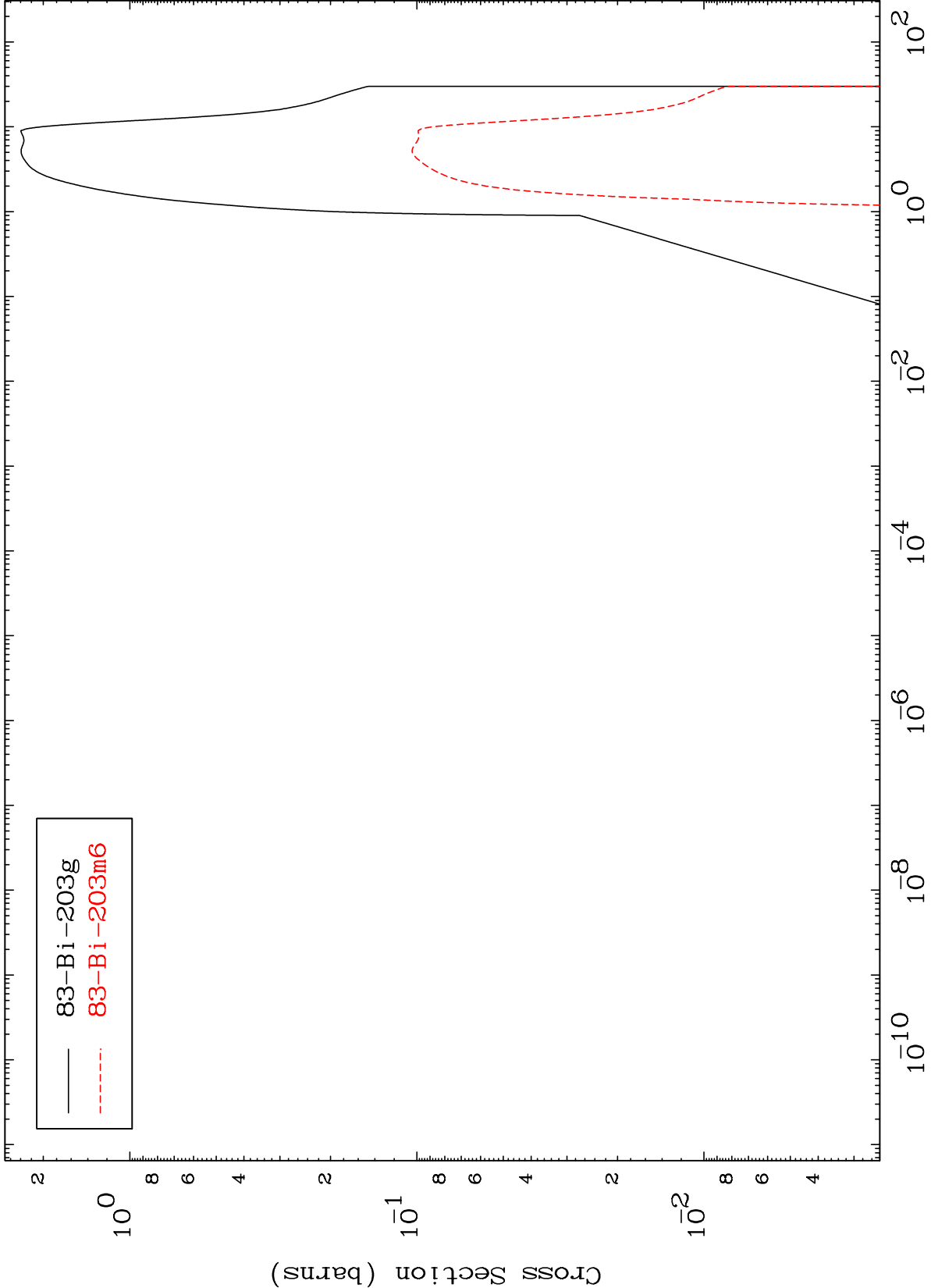
MT= 68 (n, n') Level
Legendre Coefficients

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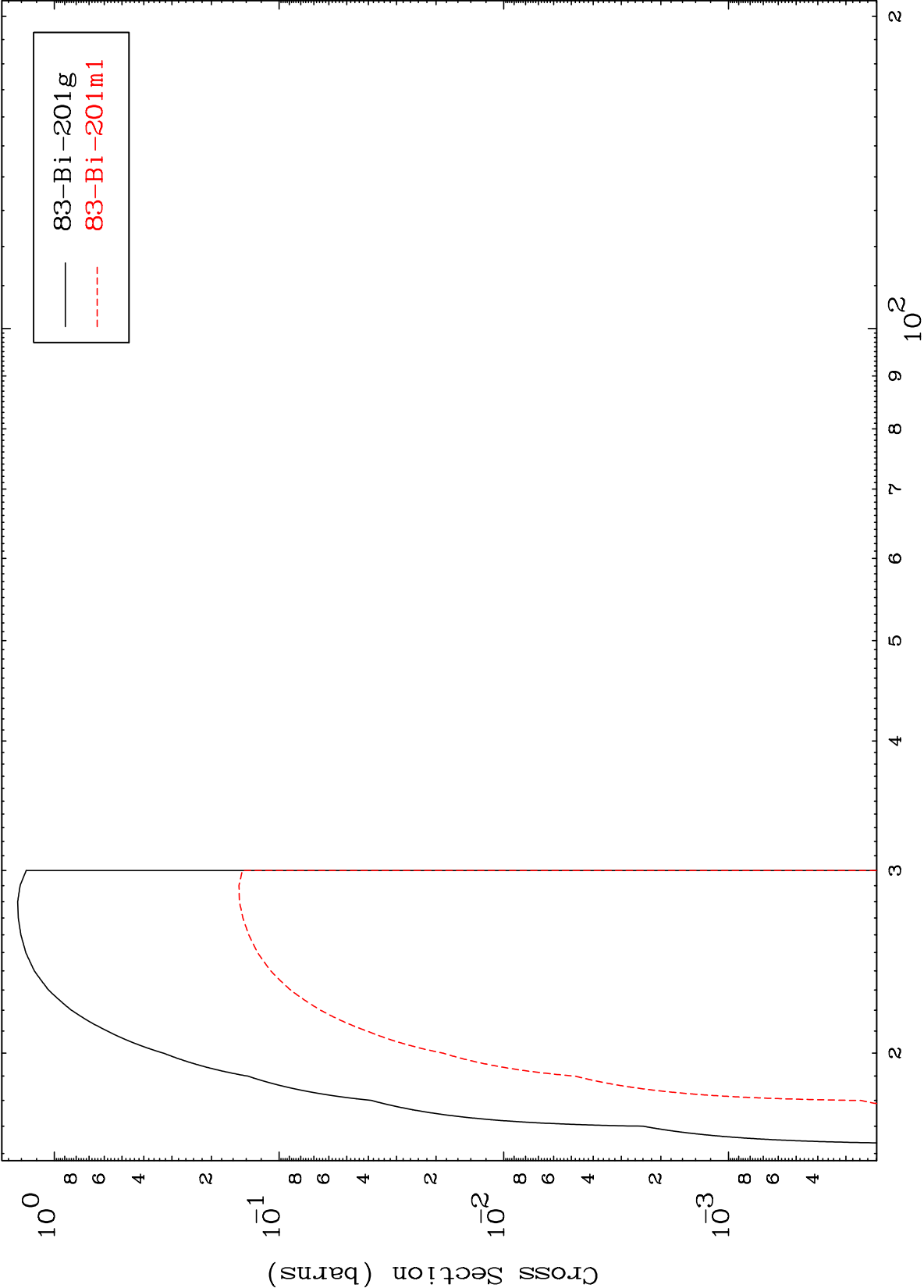




Inelastic
Radionuclide Production Cross Section



(n,3n)
Radionuclide Production Cross Section

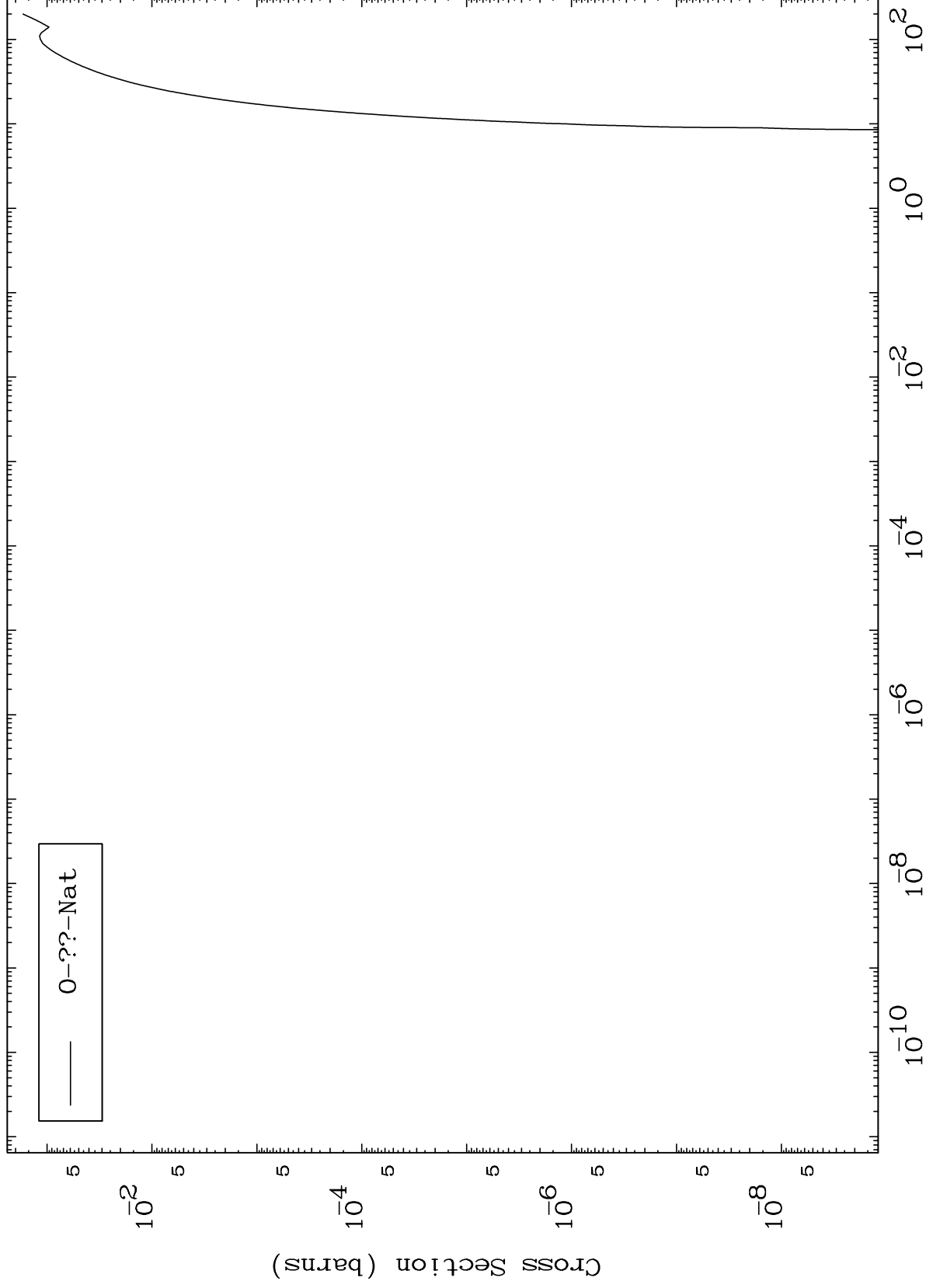


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Fission

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Radionuclide Production Cross Section



93

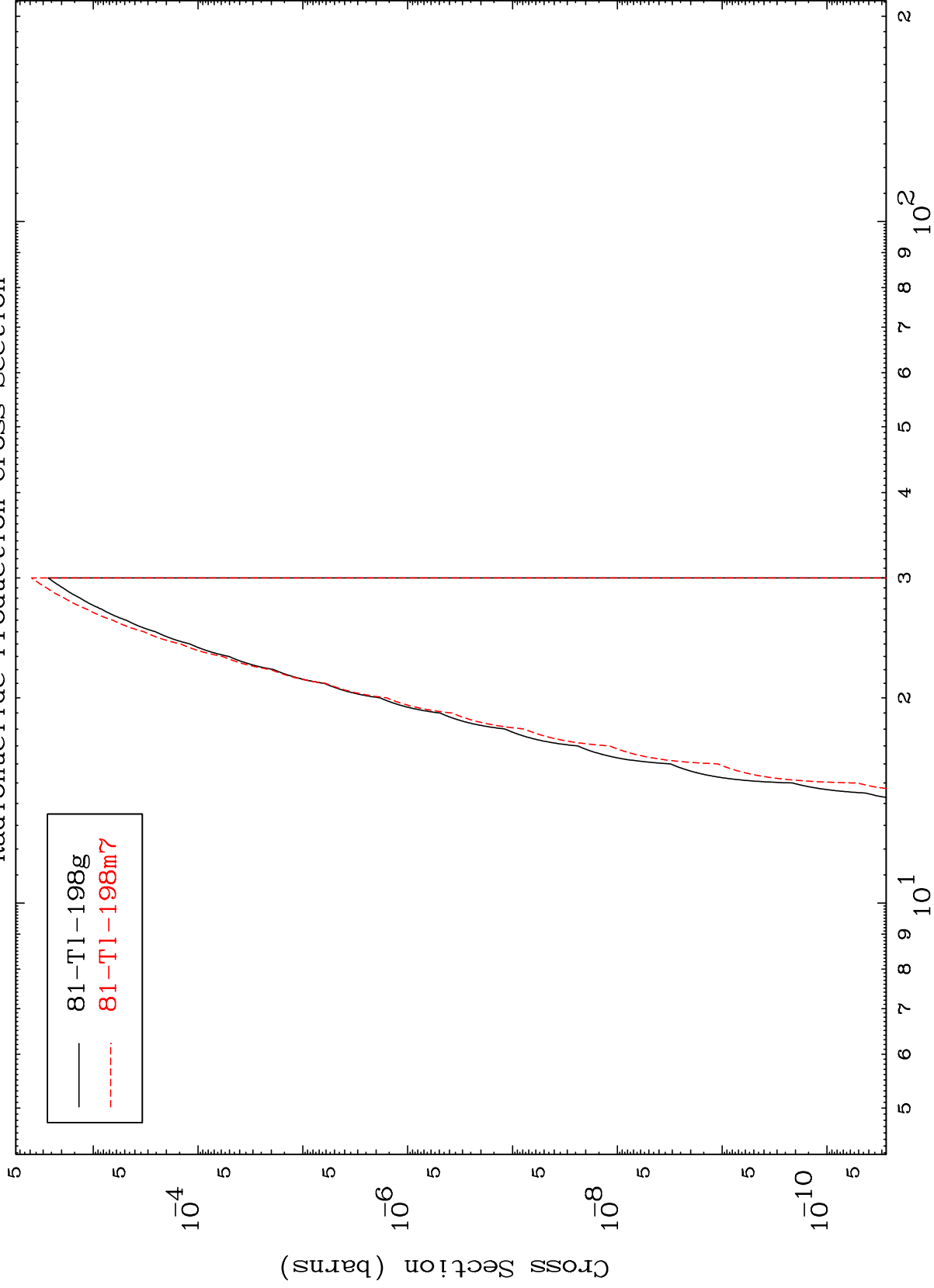
Incident Energy (MeV)

83-Bi-203

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83-Bi-203

(n,2n) α
Radionuclide Production Cross Section

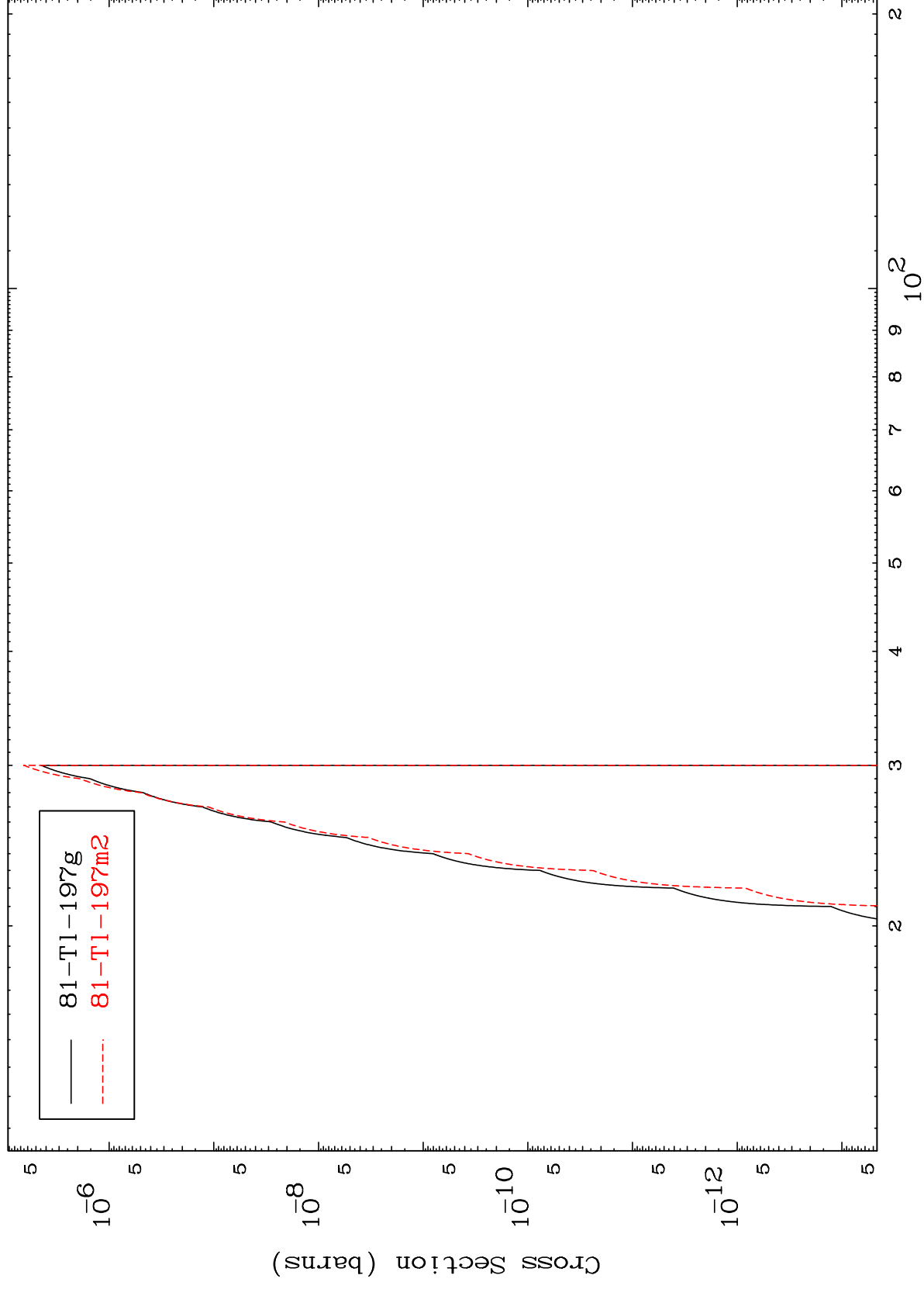


94

Incident Energy (MeV)

83-Bi-203

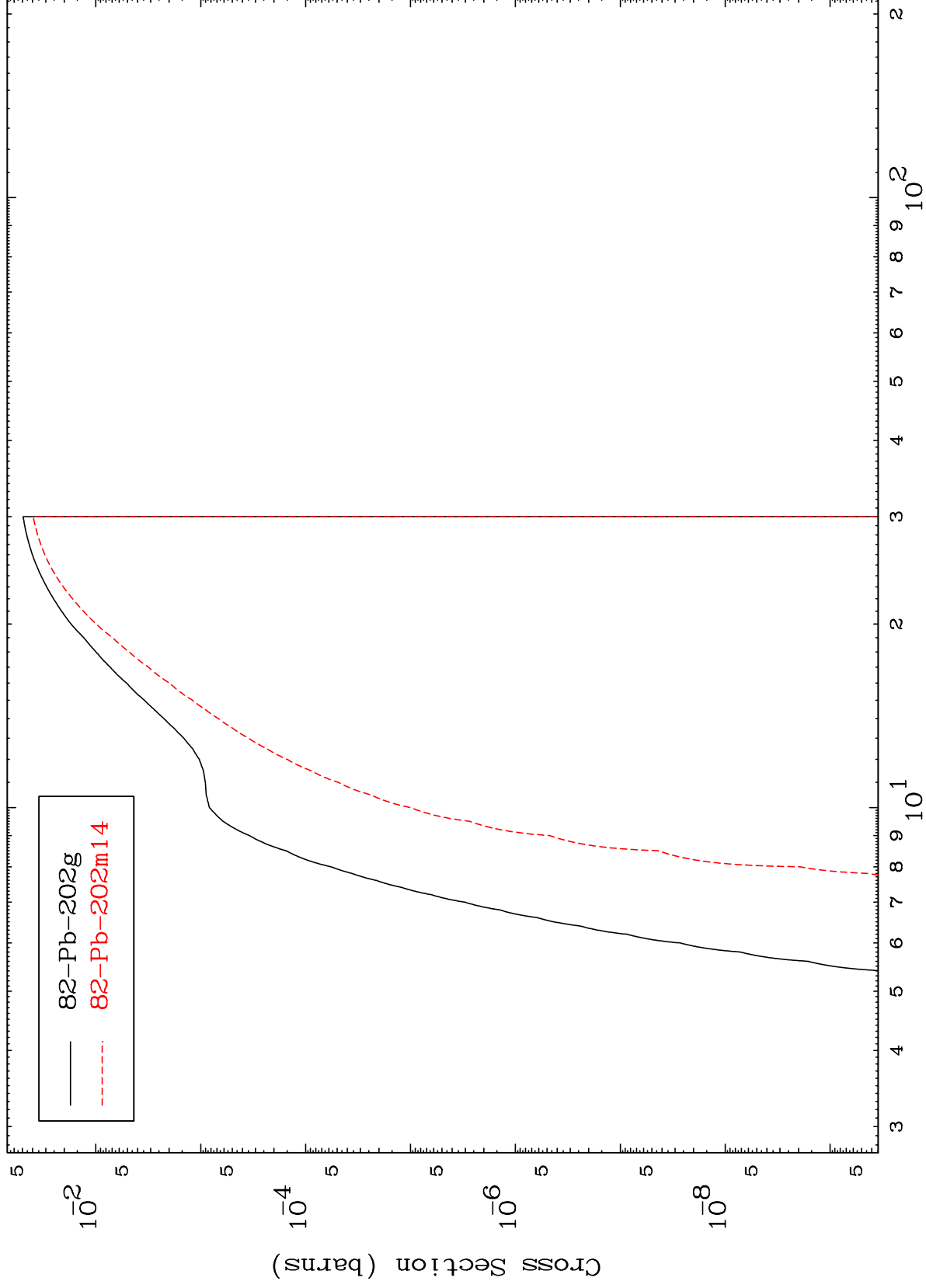
(n,3n) α
Radionuclide Production Cross Section



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83-Bi-203

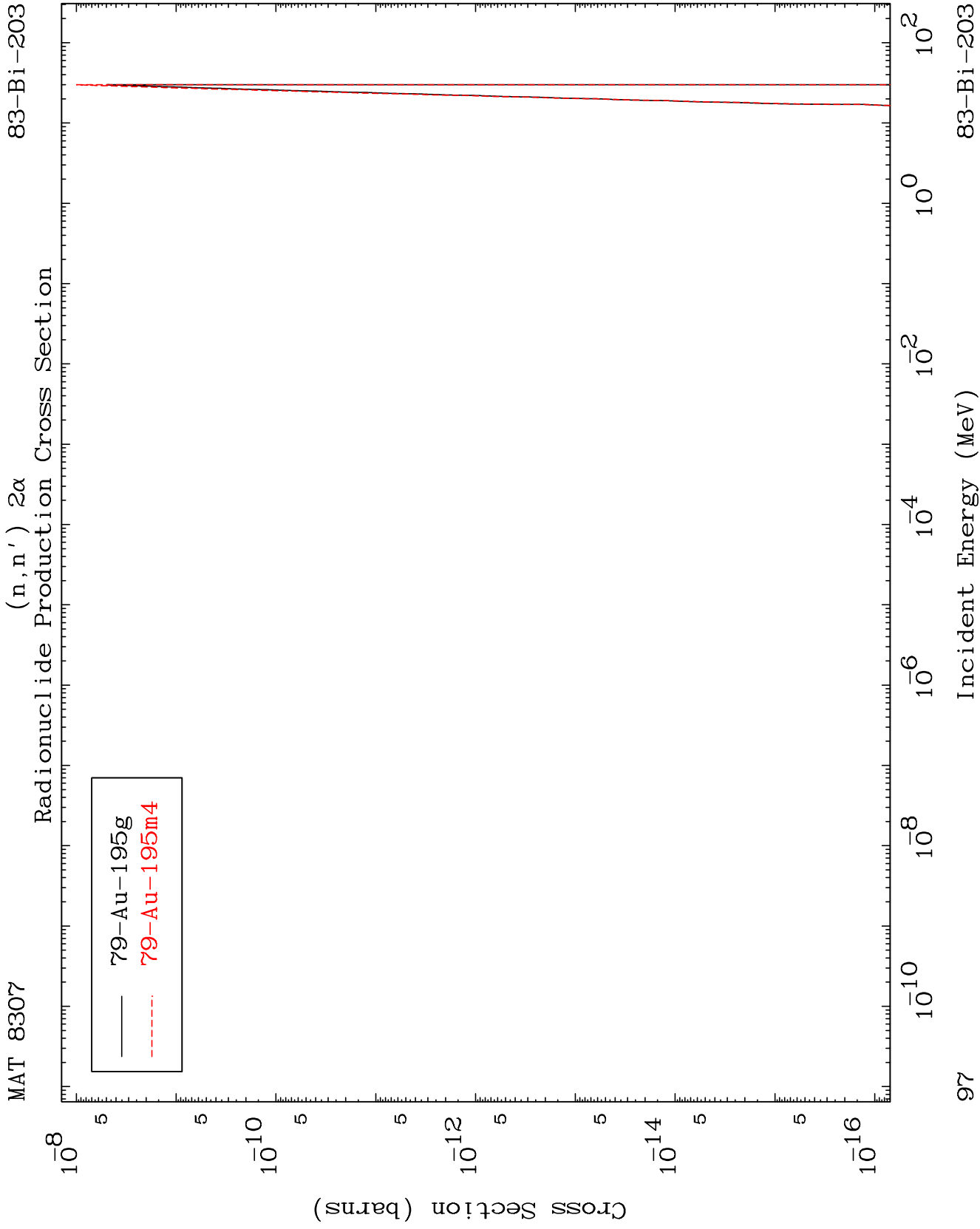
(n,n') p
Radionuclide Production Cross Section



96

Incident Energy (MeV)

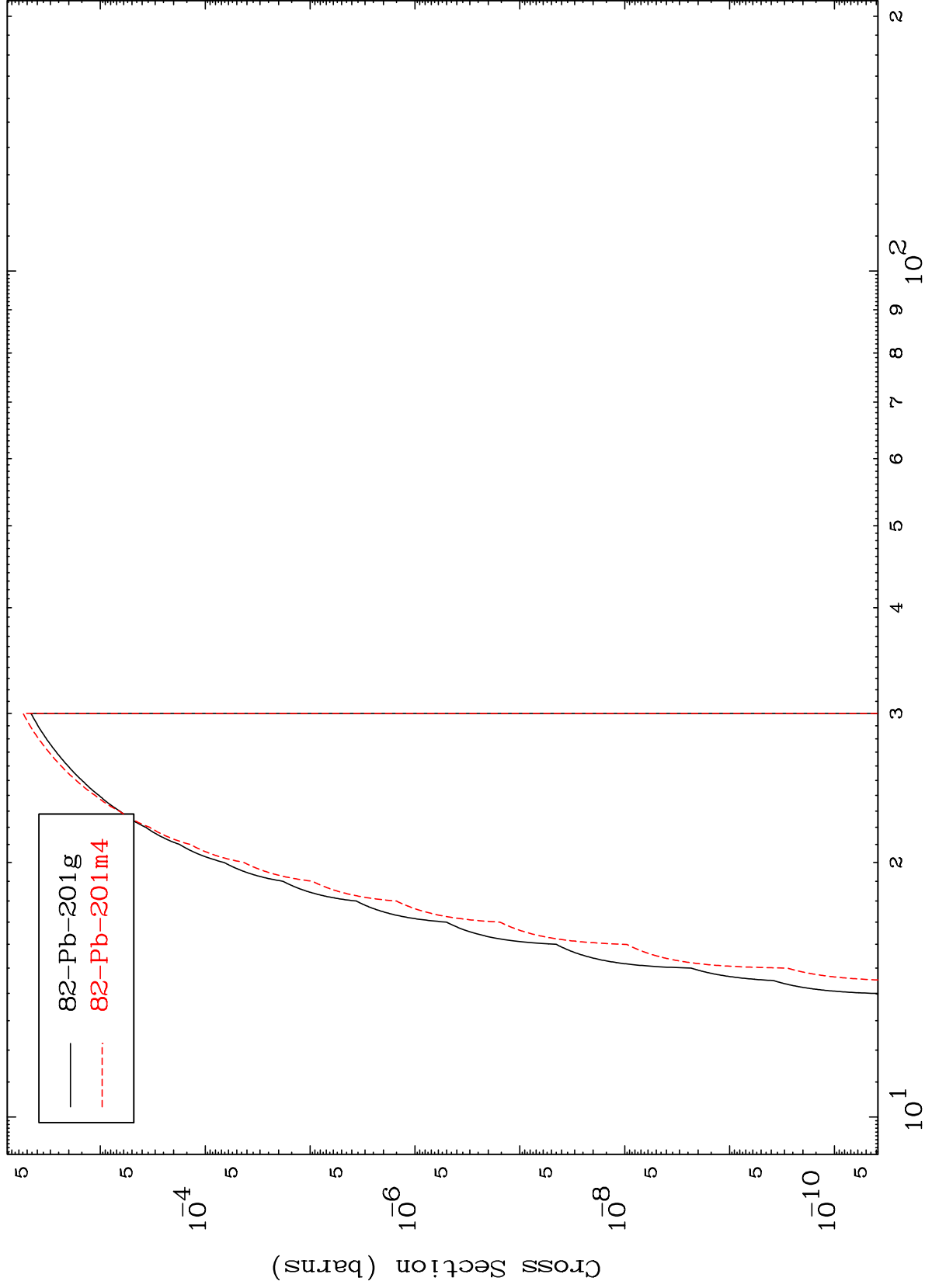
83-Bi-203



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83-Bi-203

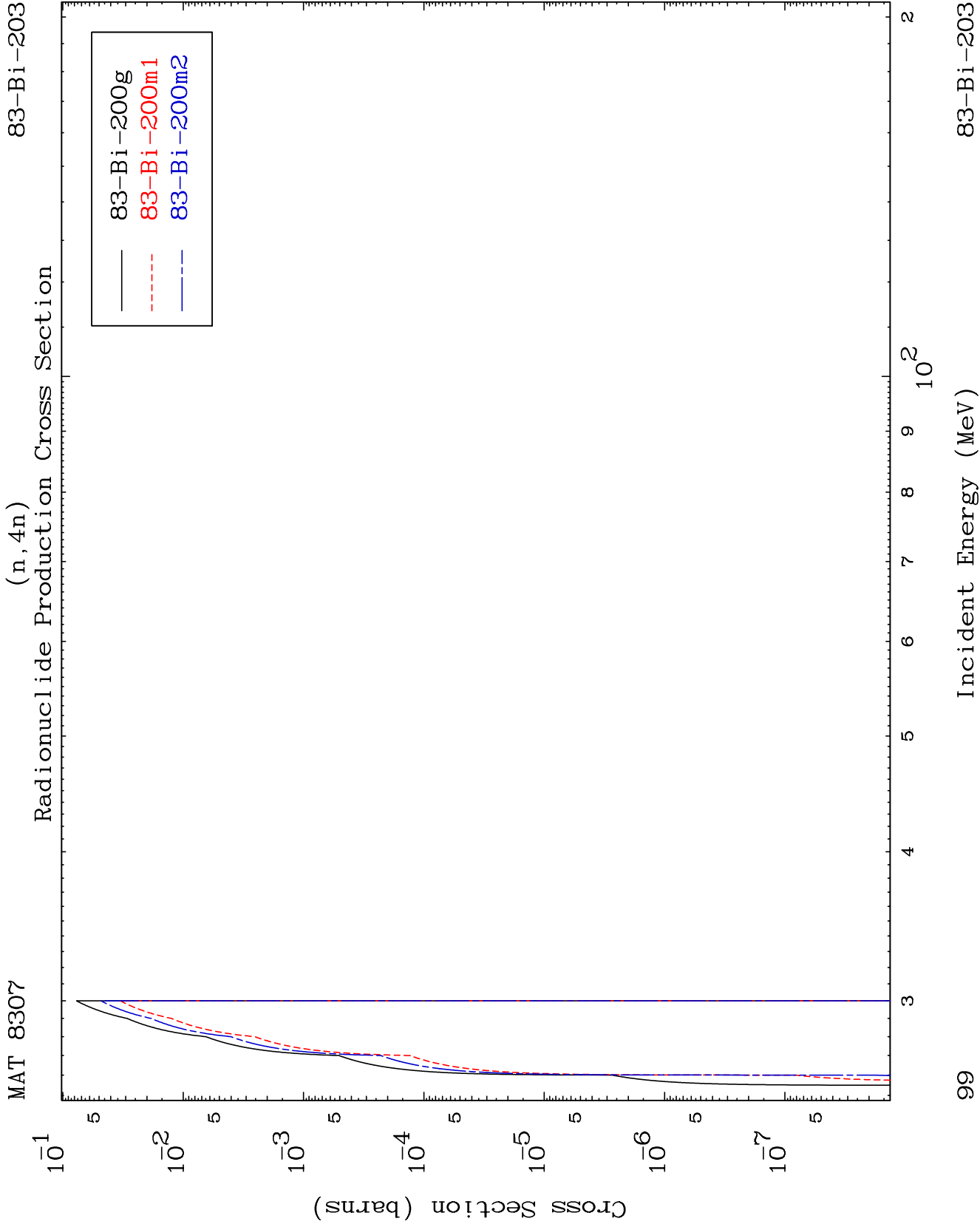
(n,n') d
Radionuclide Production Cross Section

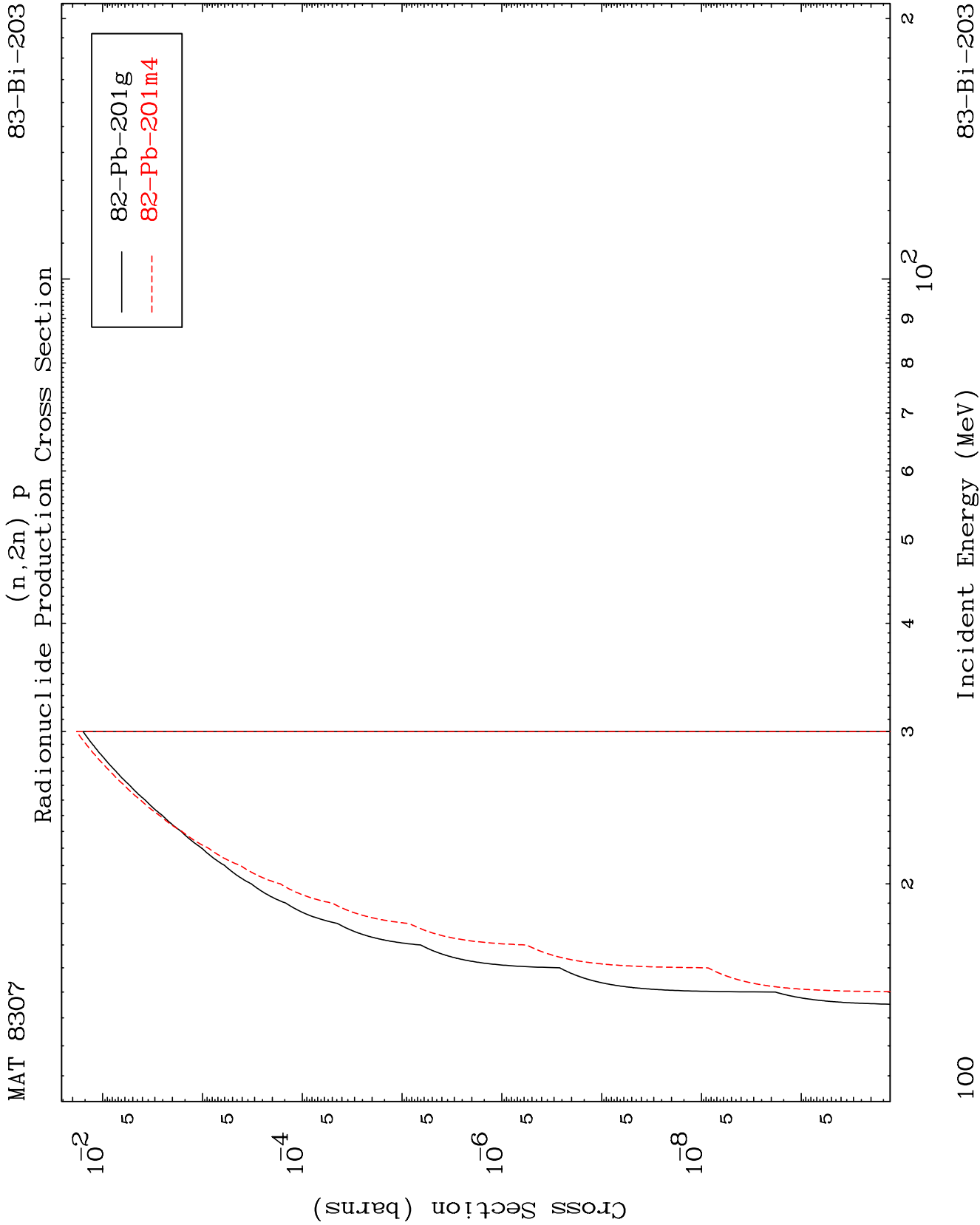


83-Bi-203

Incident Energy (MeV)

98

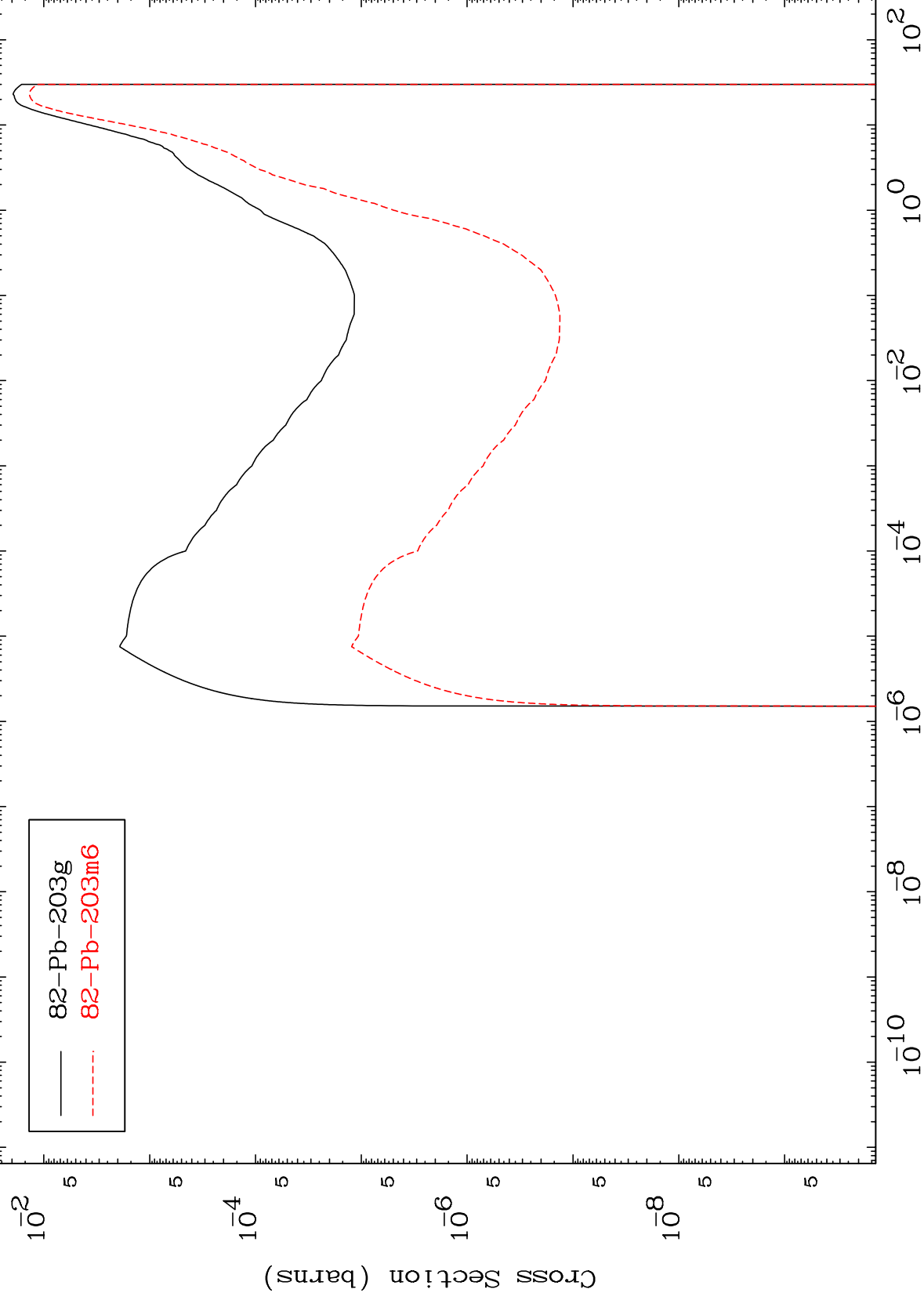




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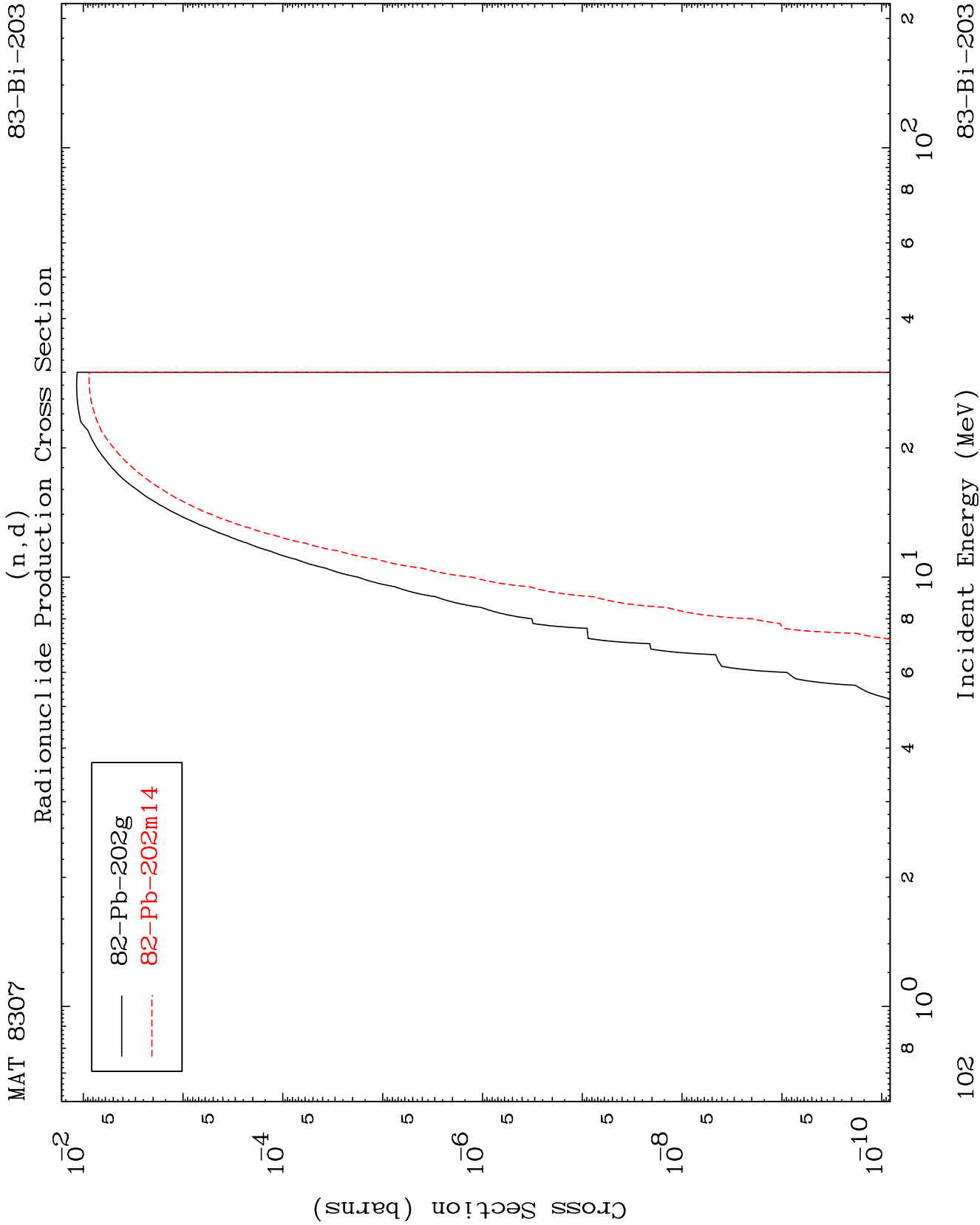
83-Bi-203

Radionuclide Production Cross Section



101

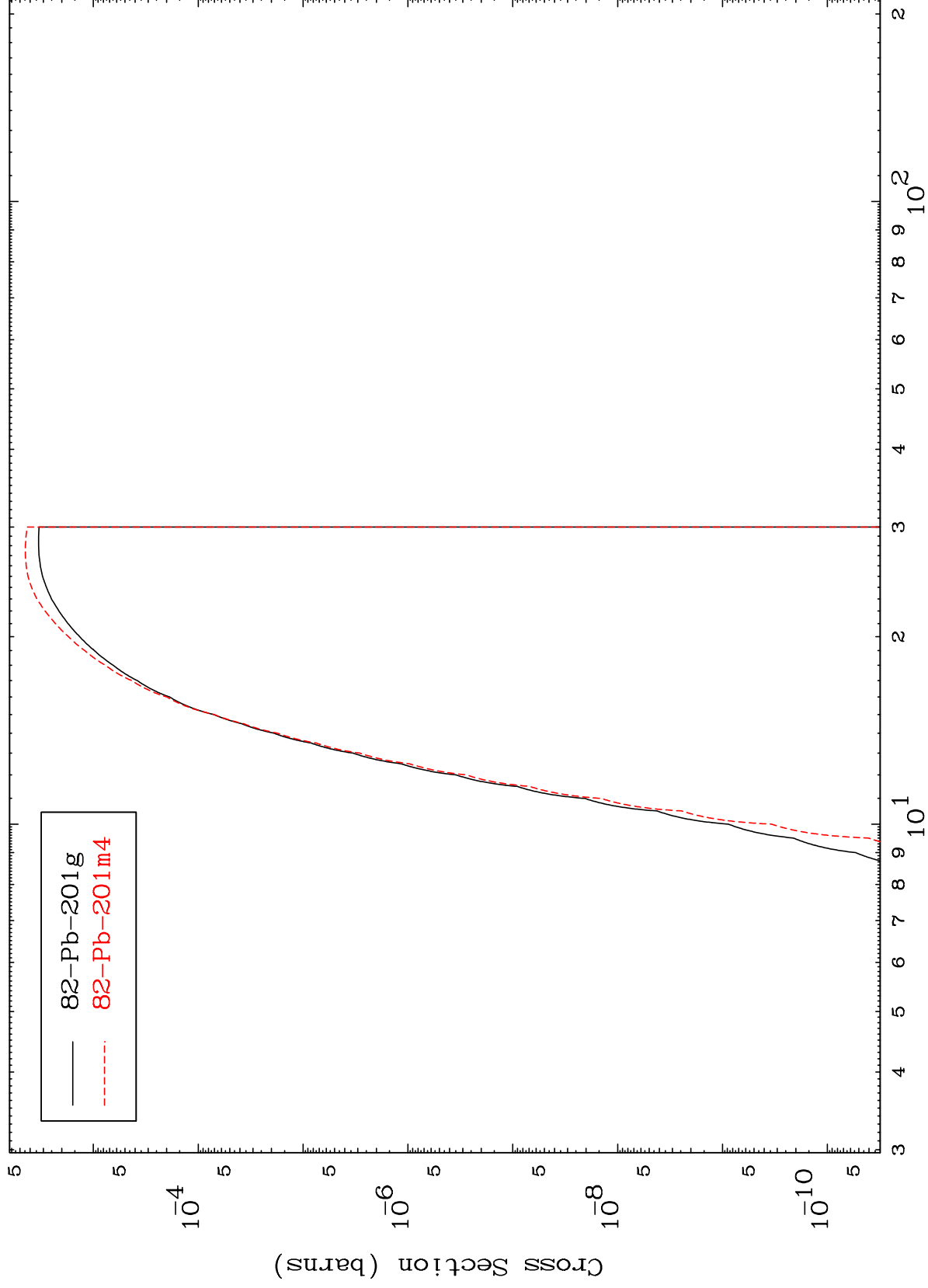
83-Bi-203



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83-Bi-203

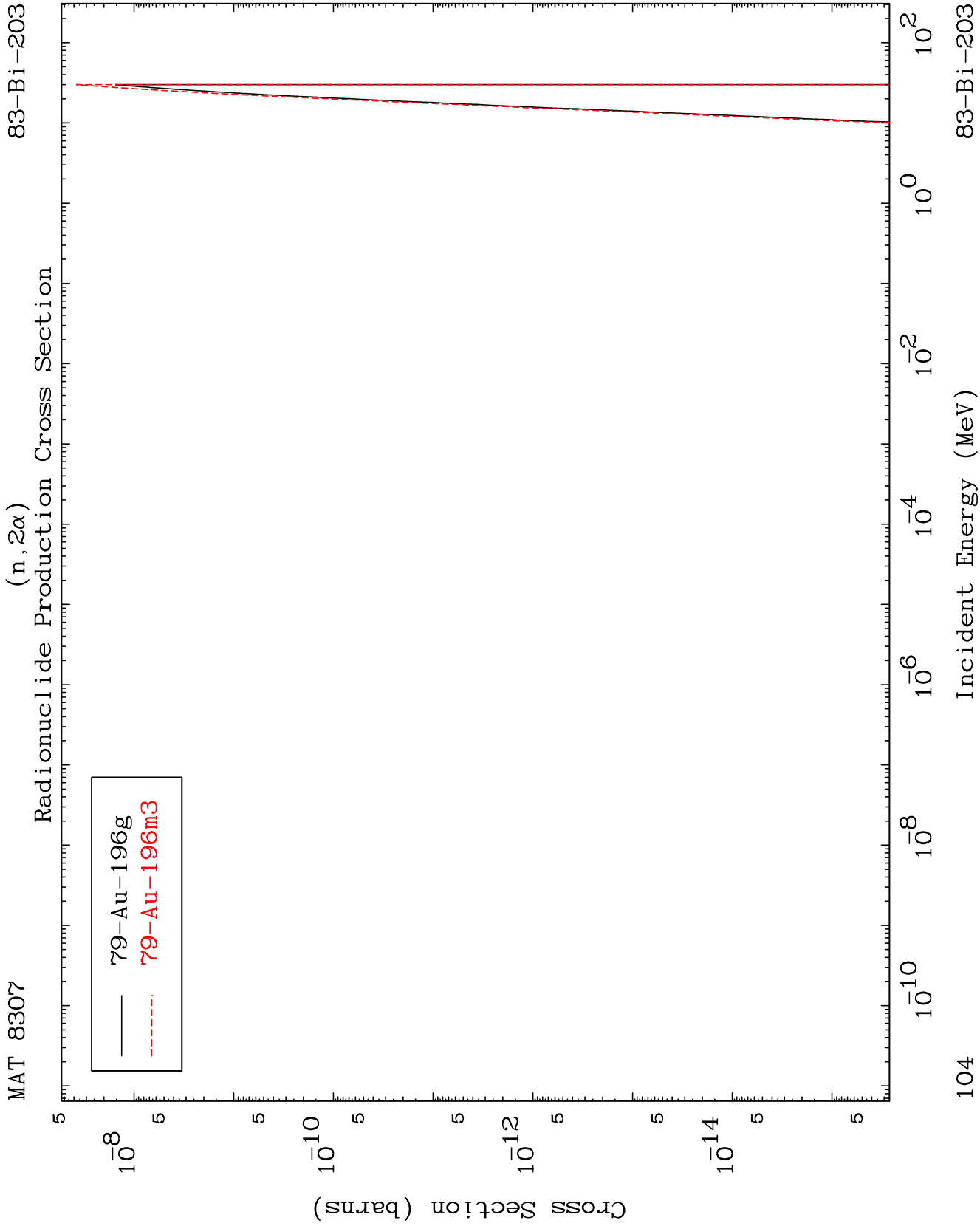
(n,t)
Radionuclide Production Cross Section



103

Incident Energy (MeV)

83-Bi-203



Radionuclide Production Cross Section

