

Program EVALPLOT
(Version 2021-1)

by

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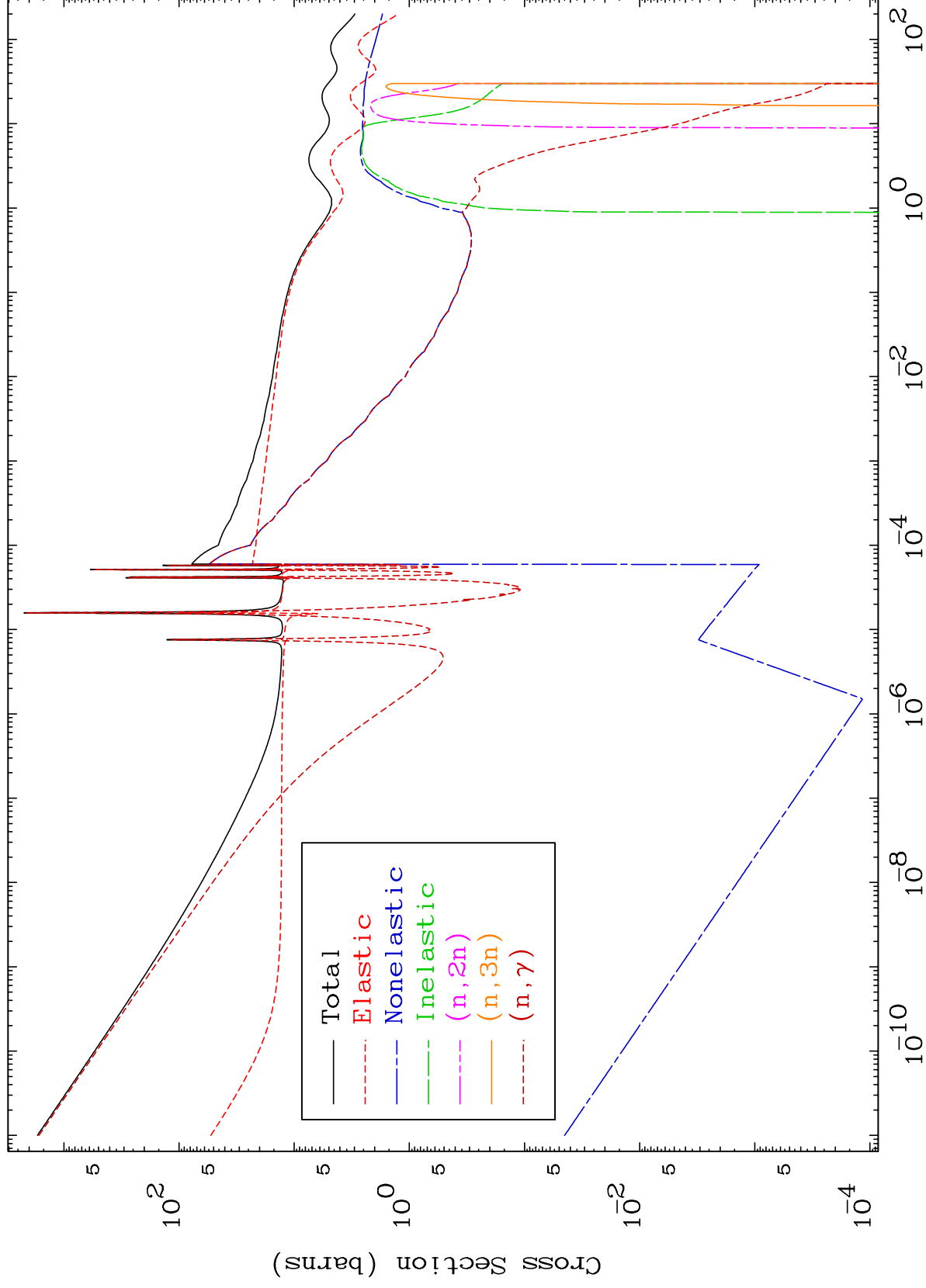
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

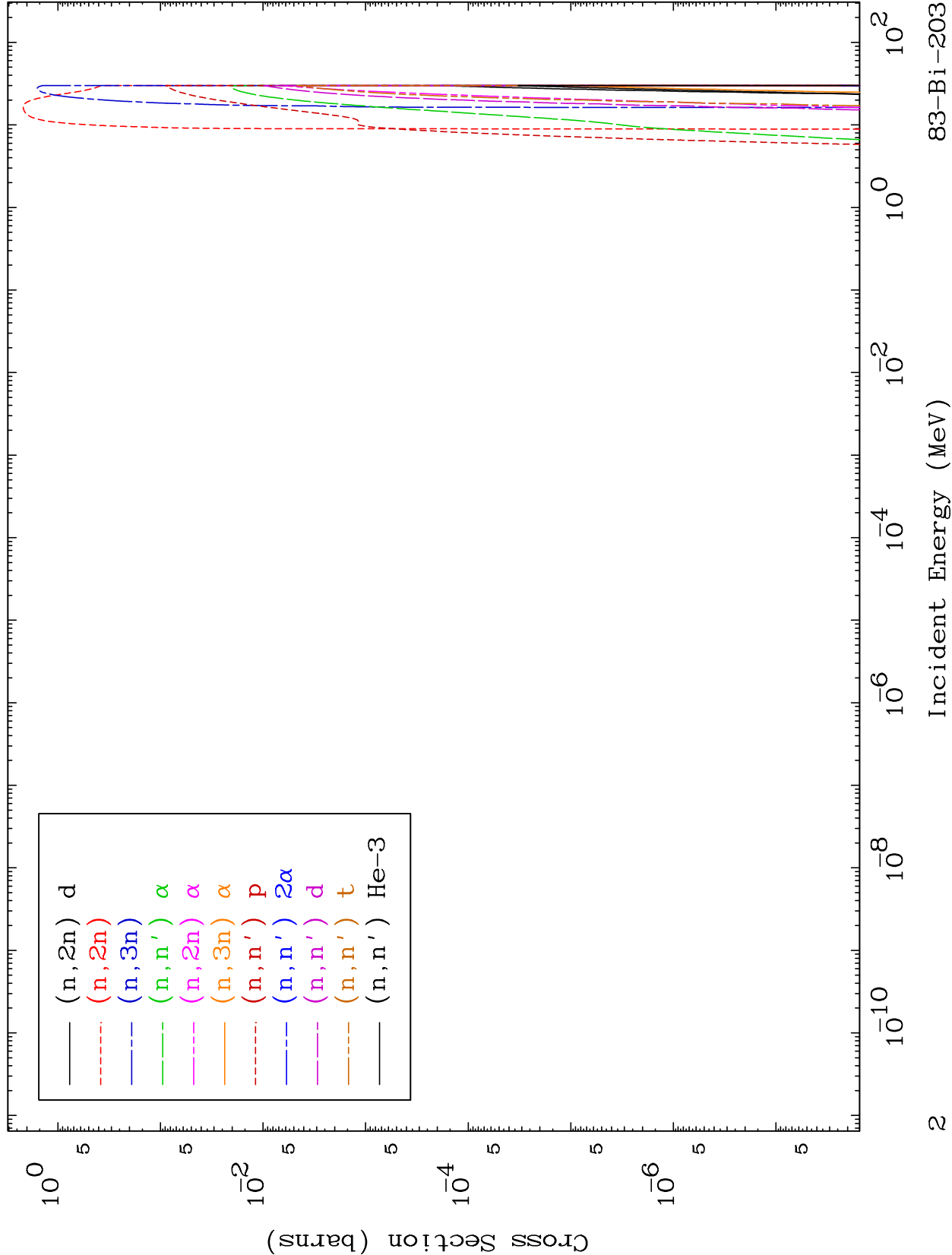
Press Mouse Button to Start

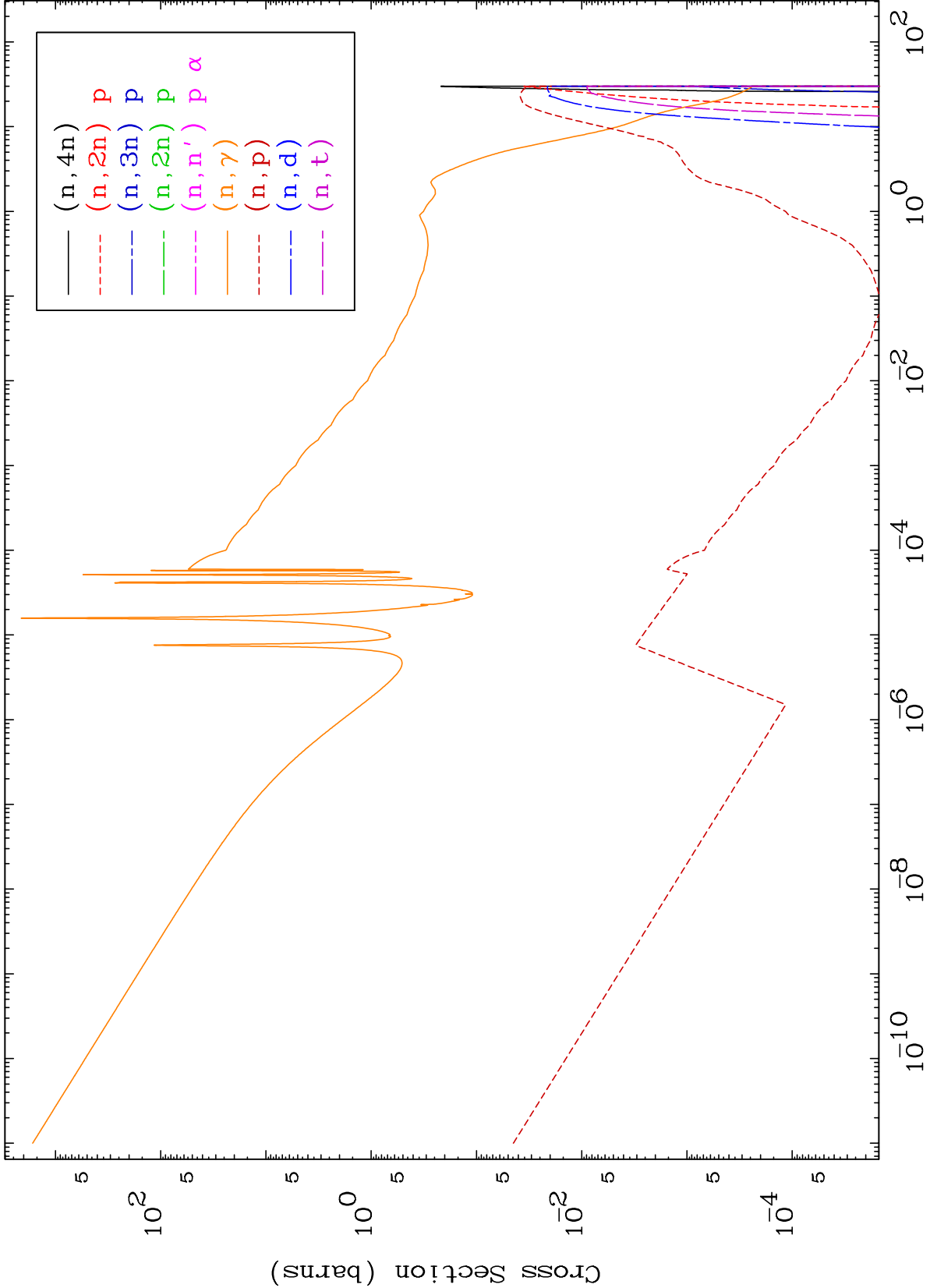
MAT 8307

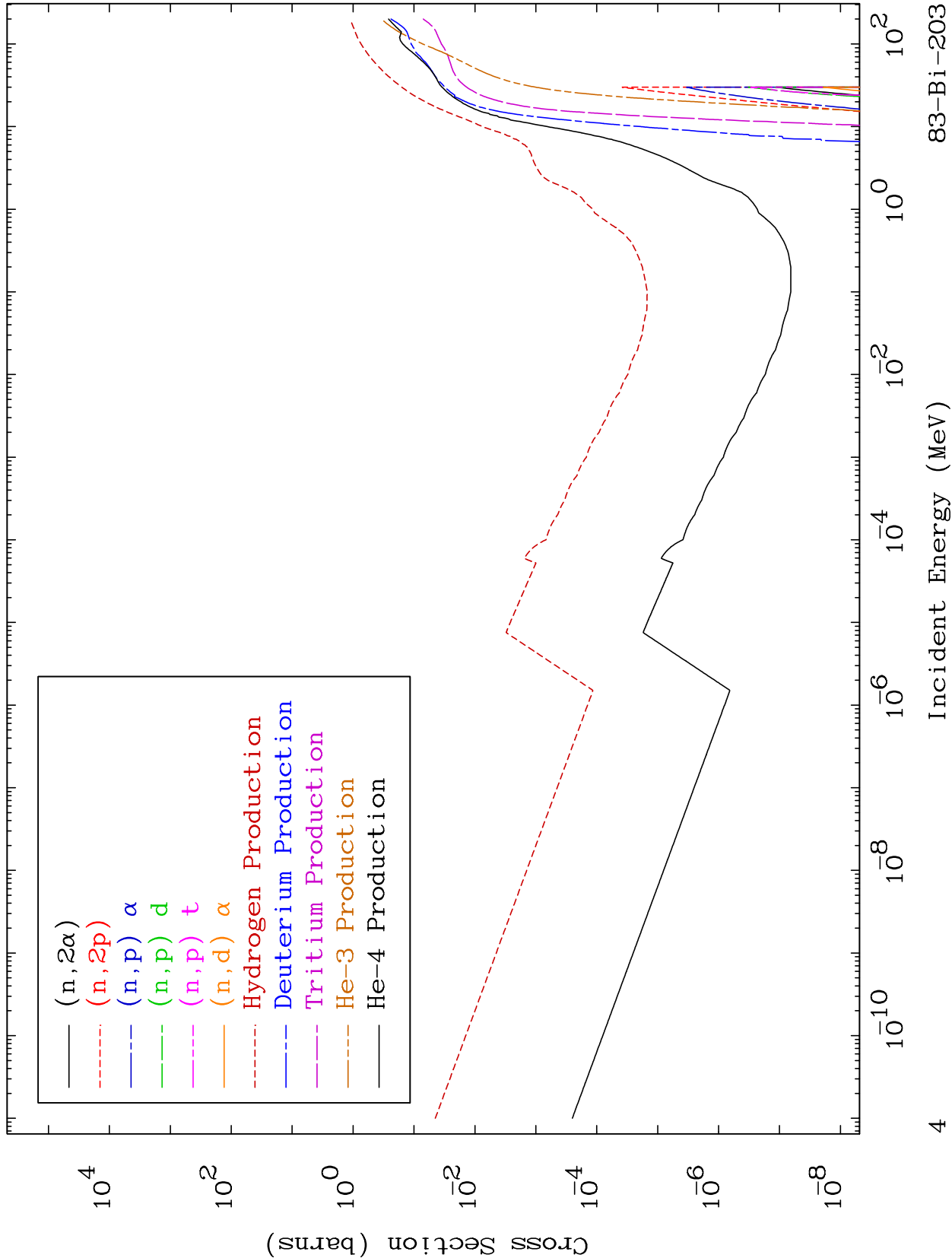
Neutron Major
293 Kelvin Cross Sections

83-Bi-203





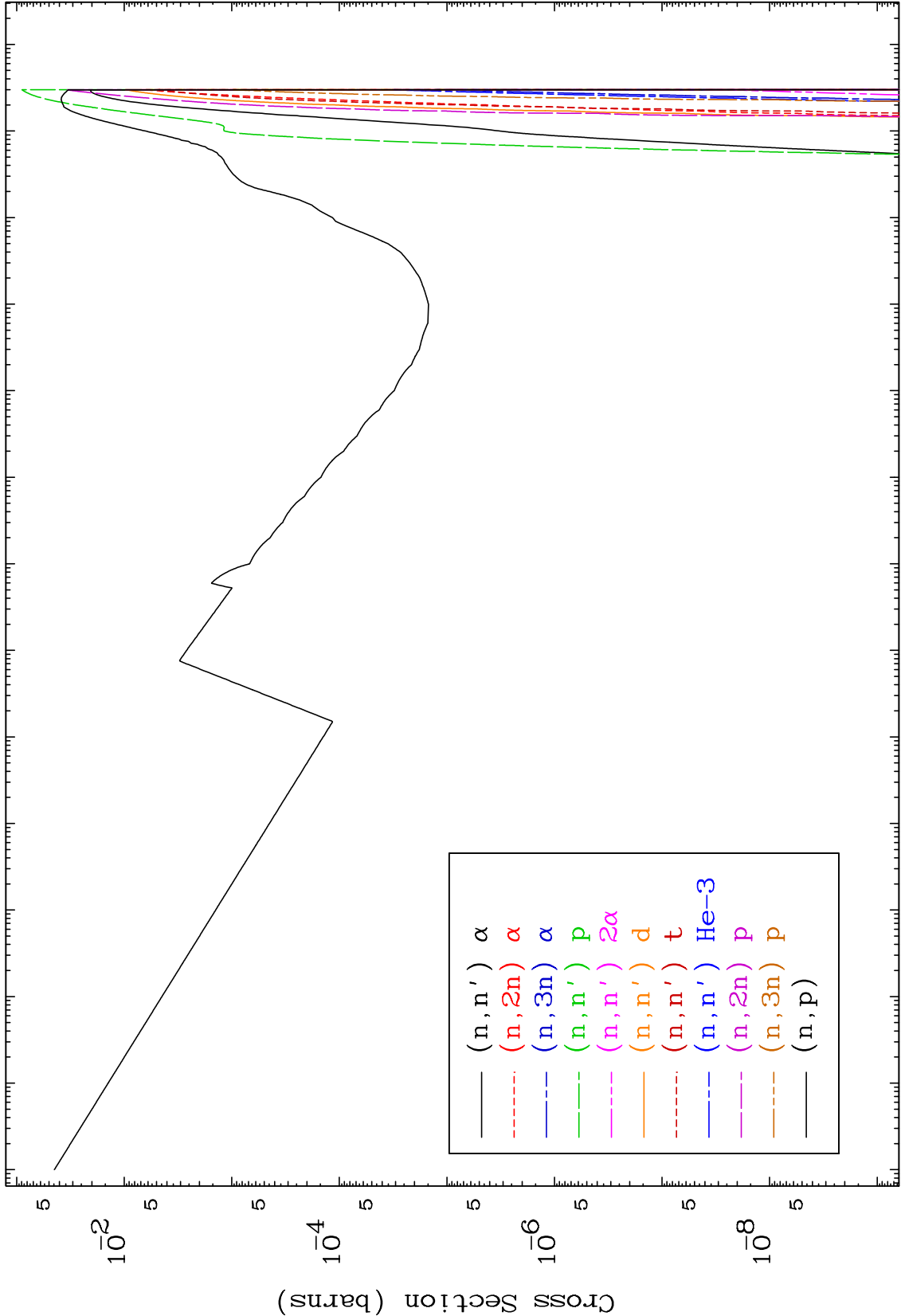


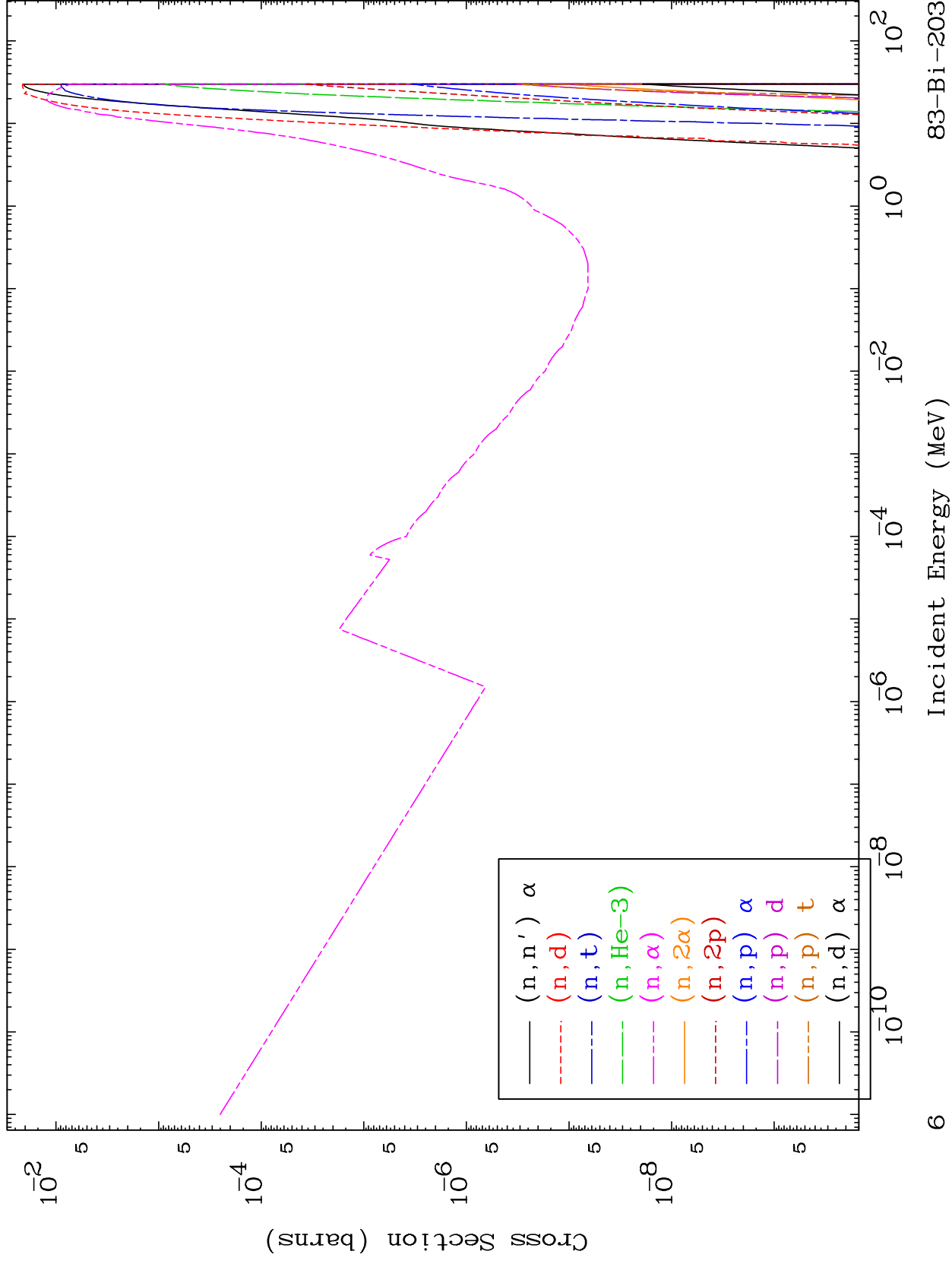


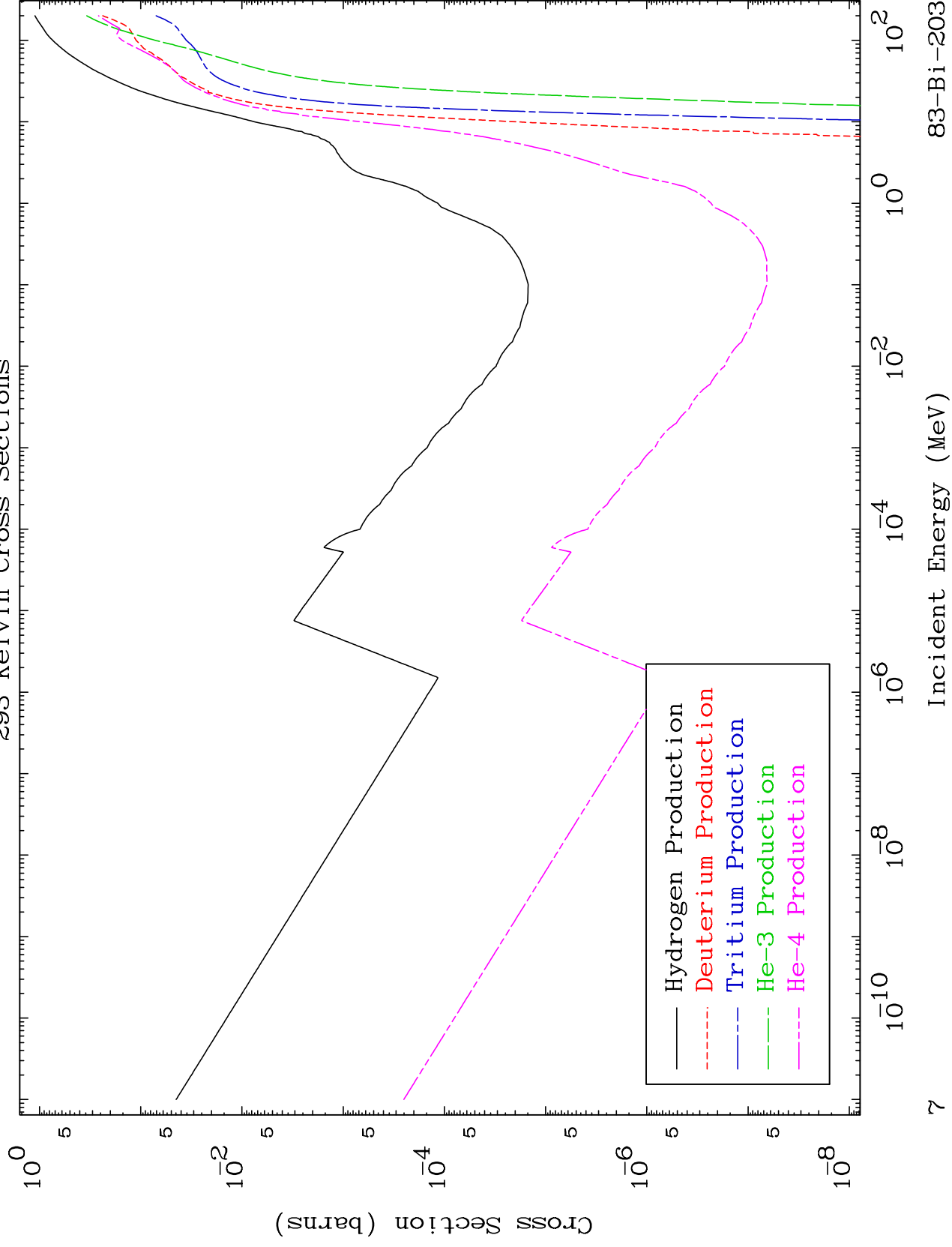
MAT 8307

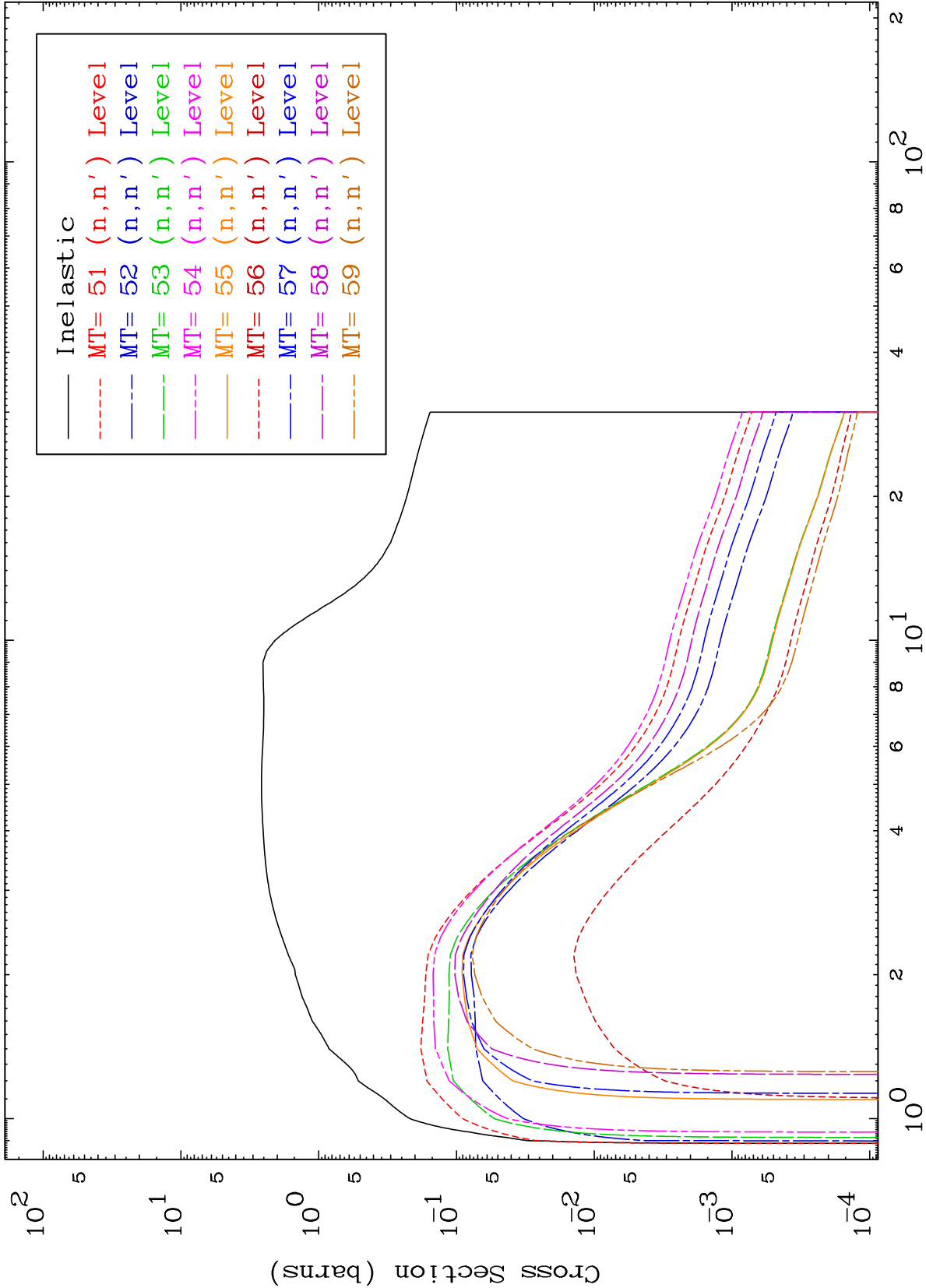
Charged Particle
293 Kelvin Cross Sections

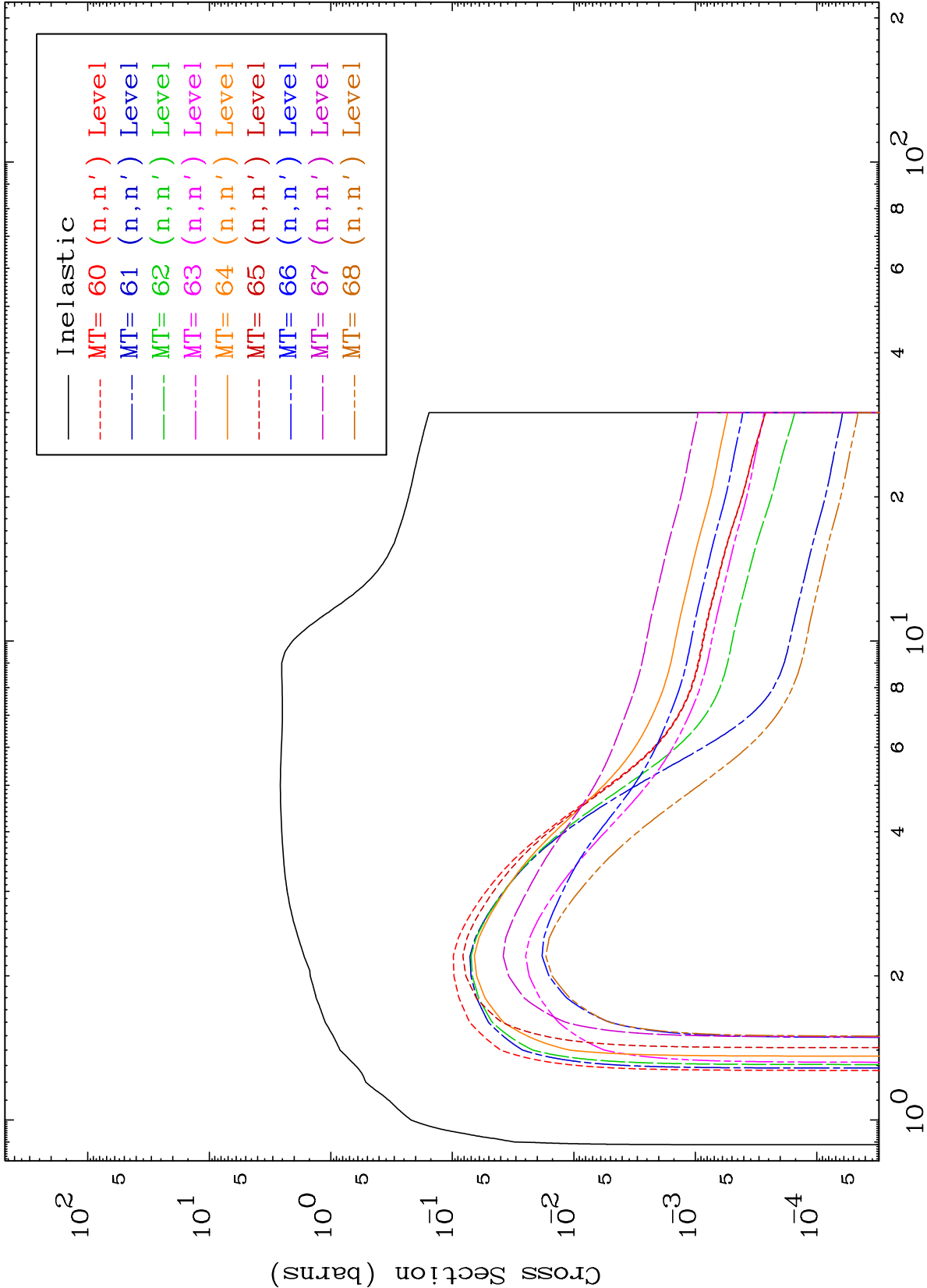
83-Bi-203









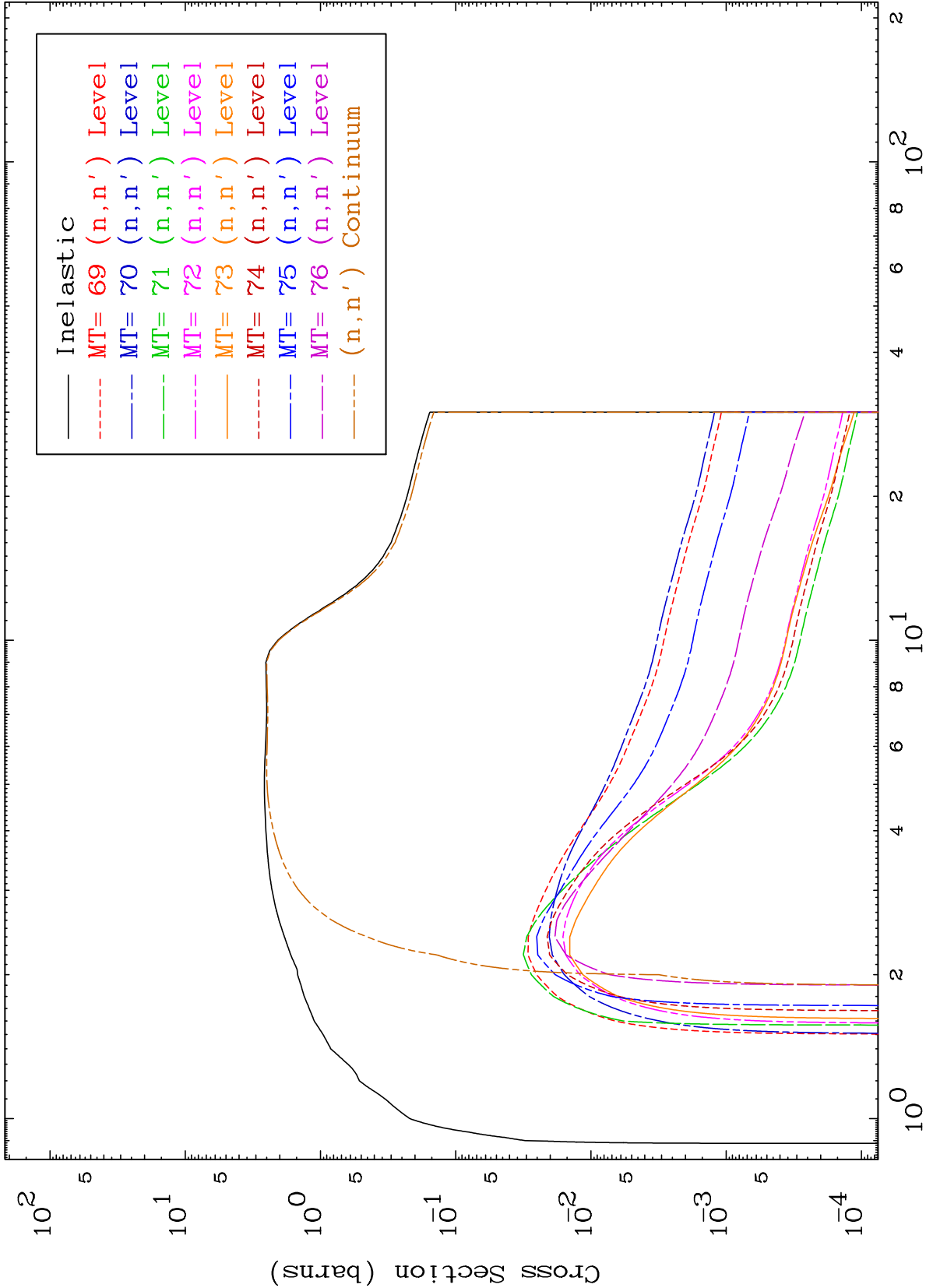


MAT 8307

(n,n') Levels

293 Kelvin Cross Sections

83-Bi-203



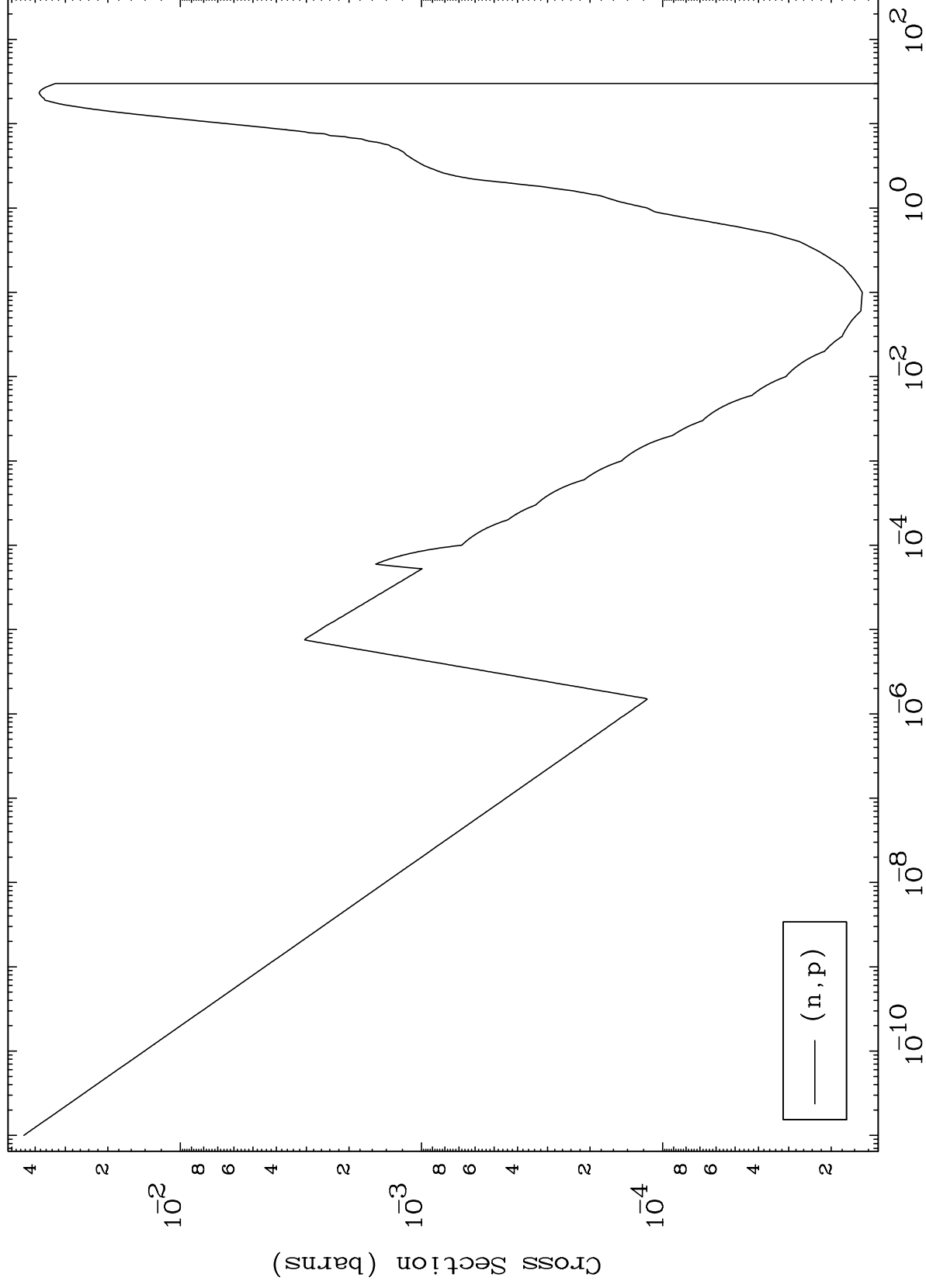
Incident Energy (MeV)

83-Bi-203

MAT 8307

(n,p) Levels
293 Kelvin Cross Sections

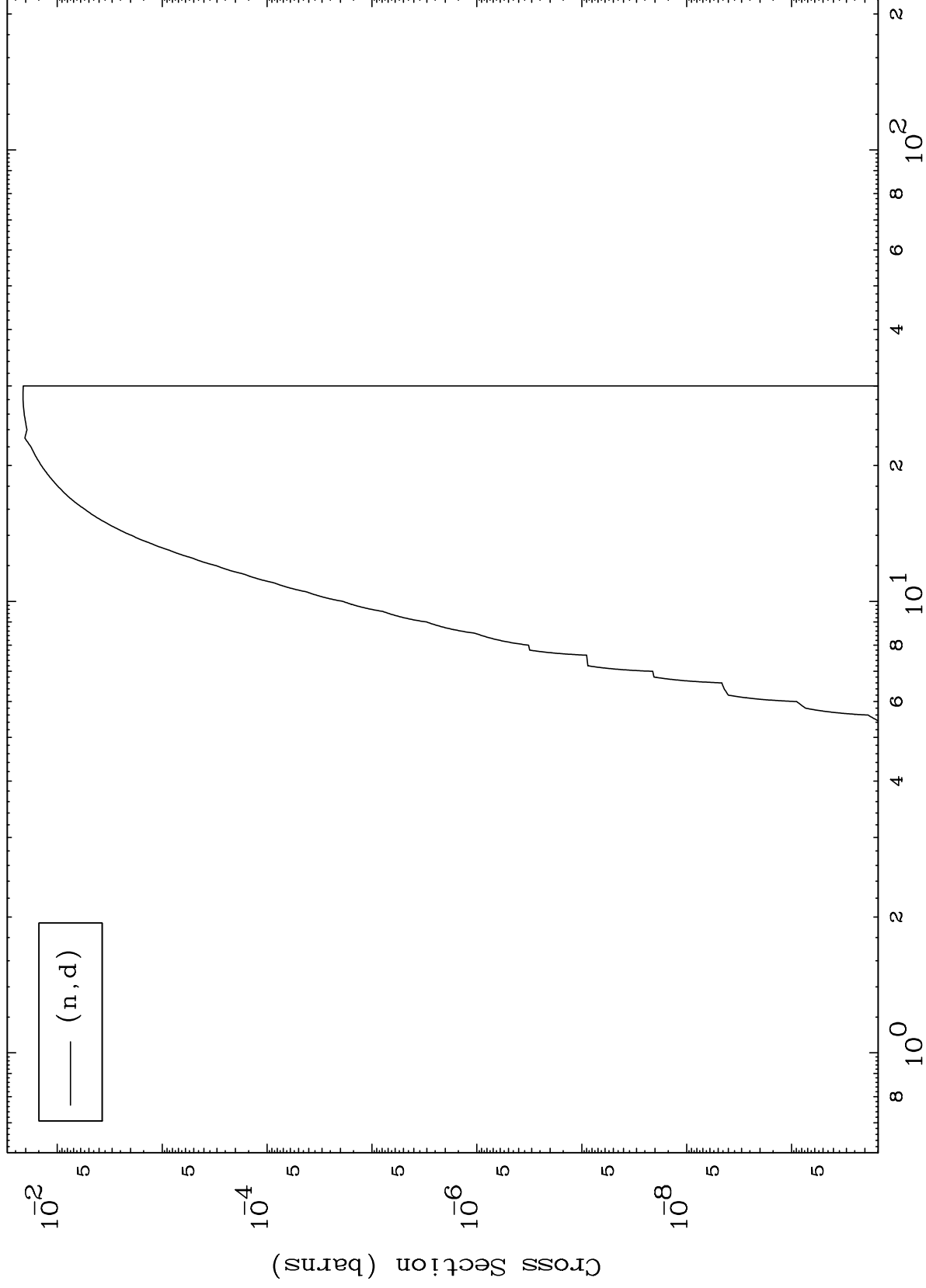
83-Bi-203



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83-Bi-203

(n,d) Levels
293 Kelvin Cross Sections



12

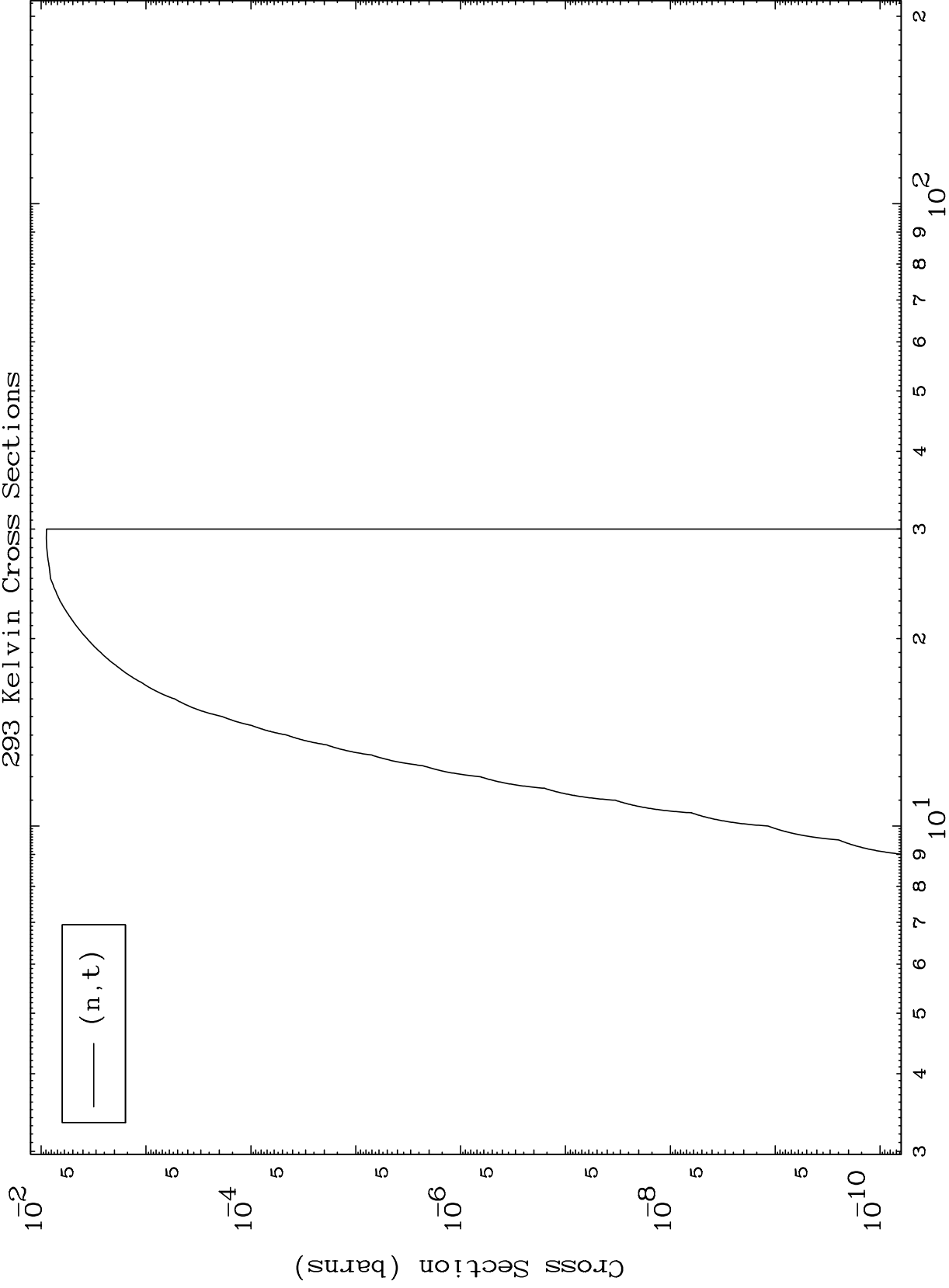
Incident Energy (MeV)

83-Bi-203

MAT 8307

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-203



13

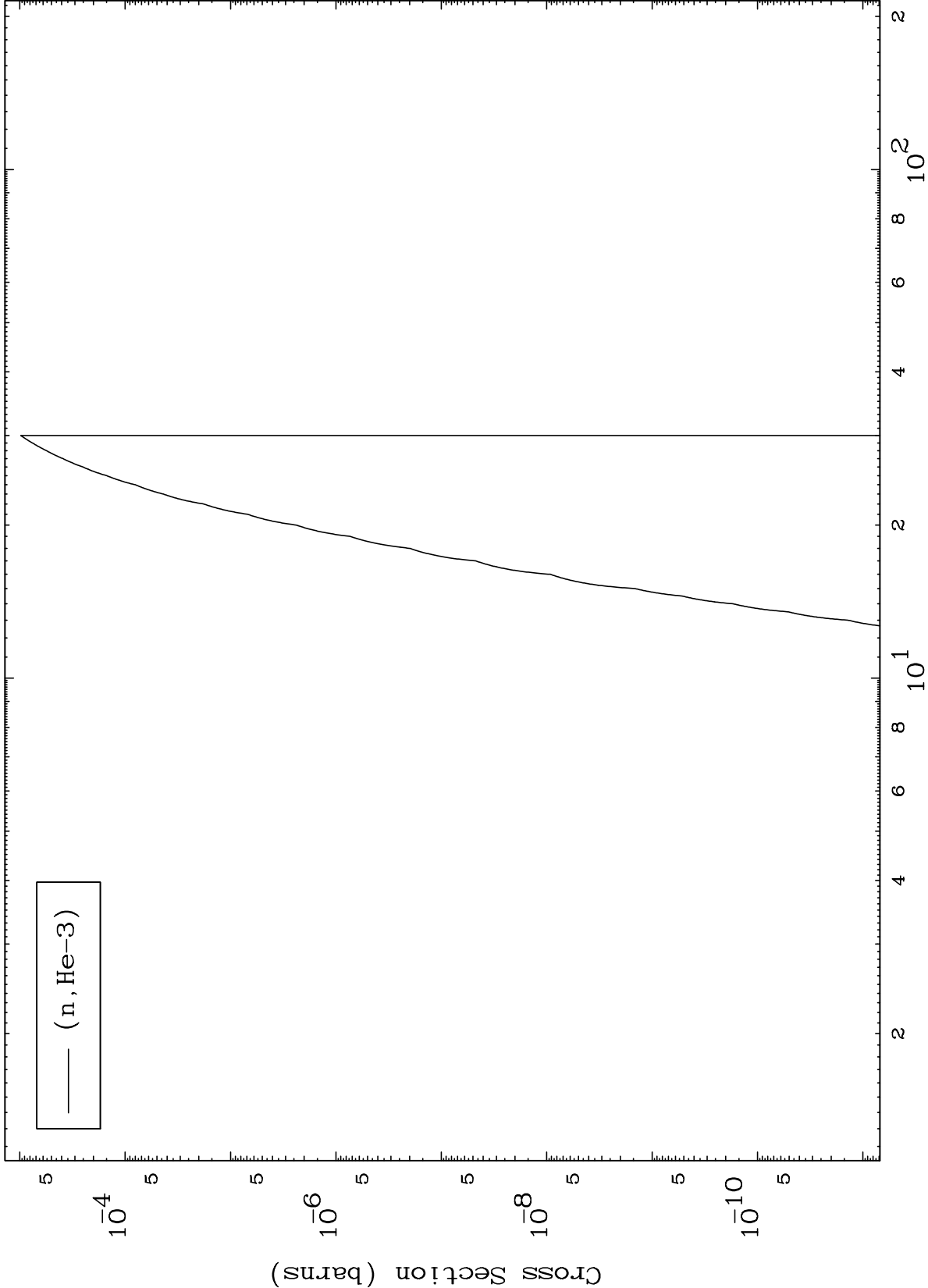
Incident Energy (MeV)

83-Bi-203

MAT 8307

(n,He3) Levels
293 Kelvin Cross Sections

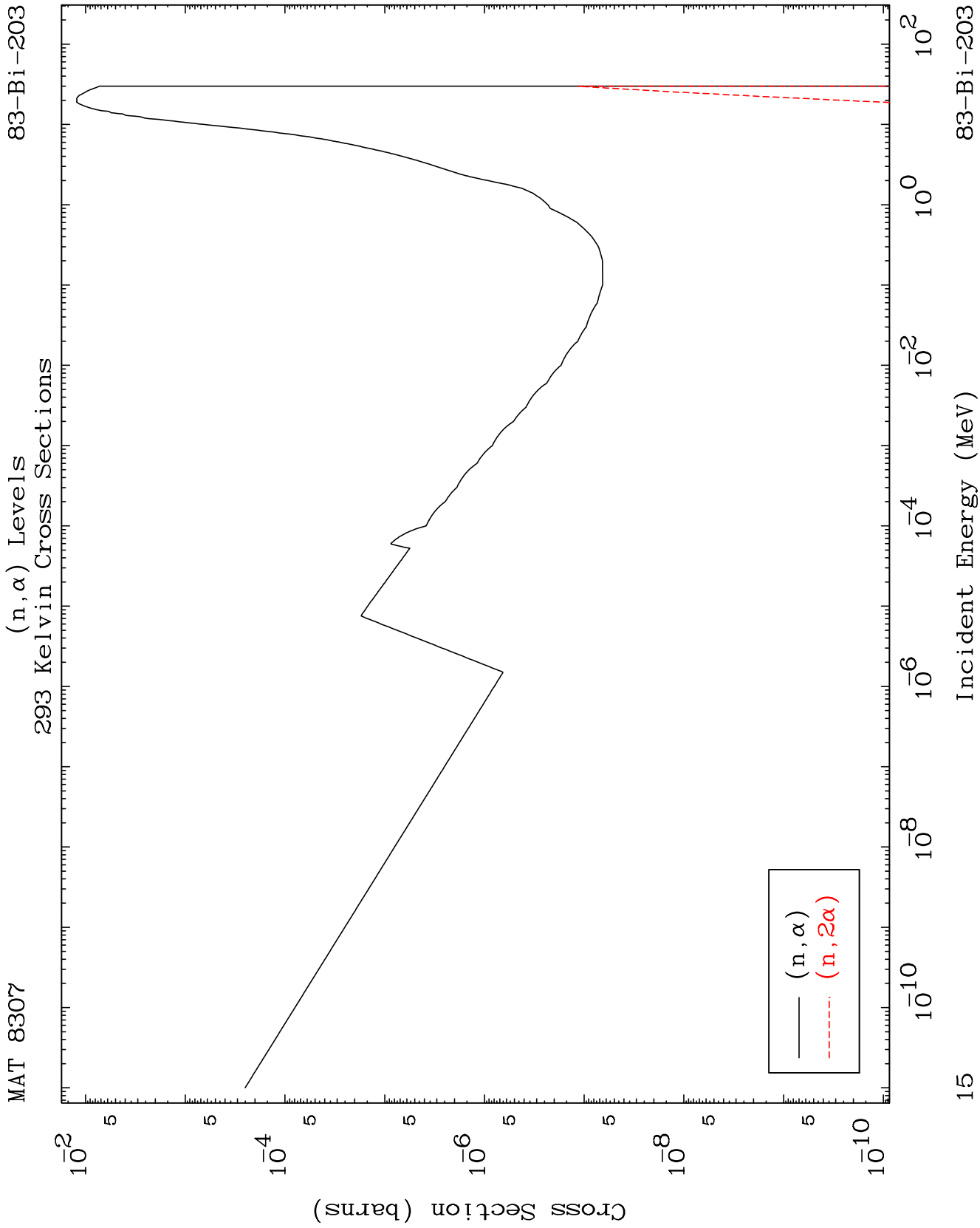
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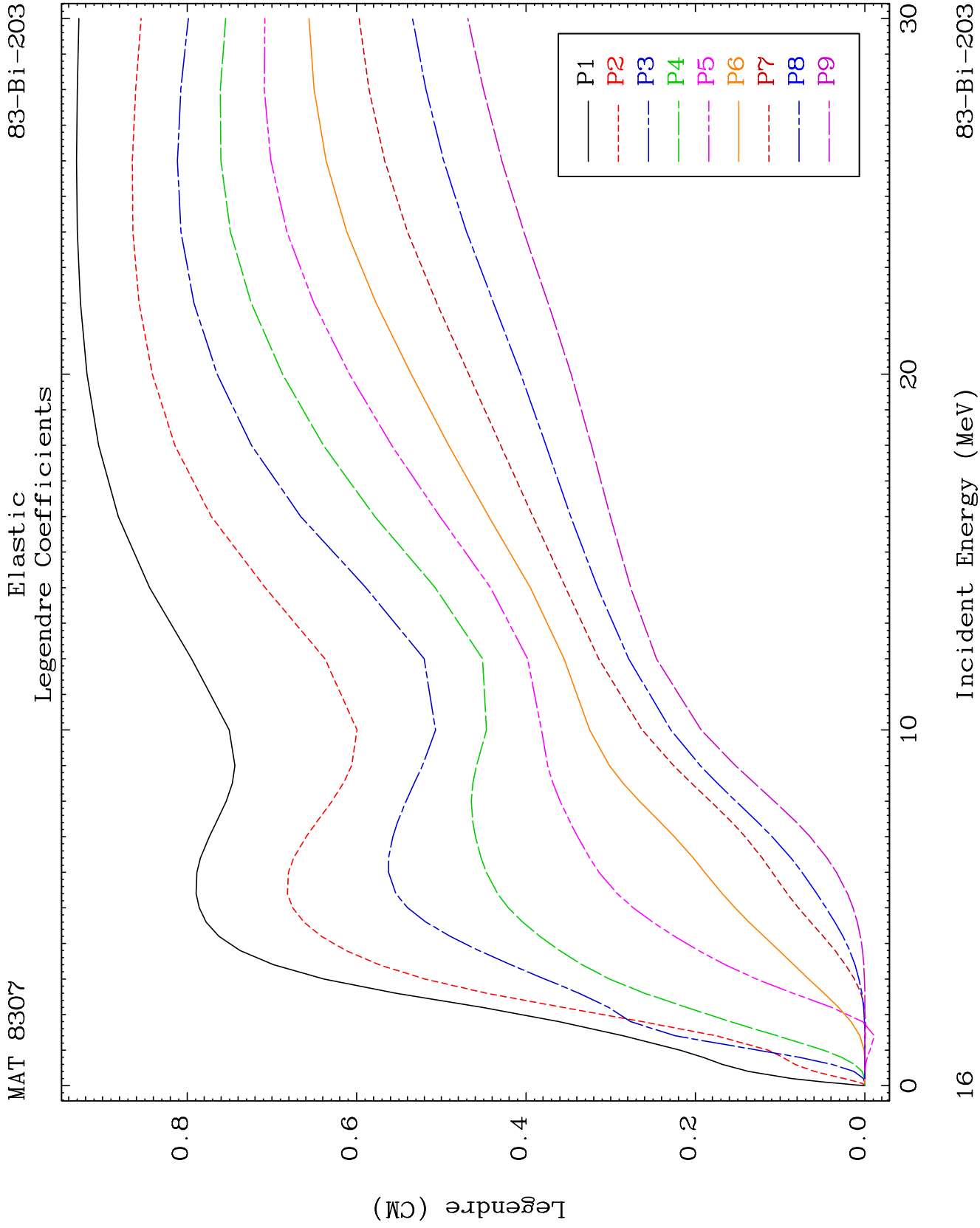


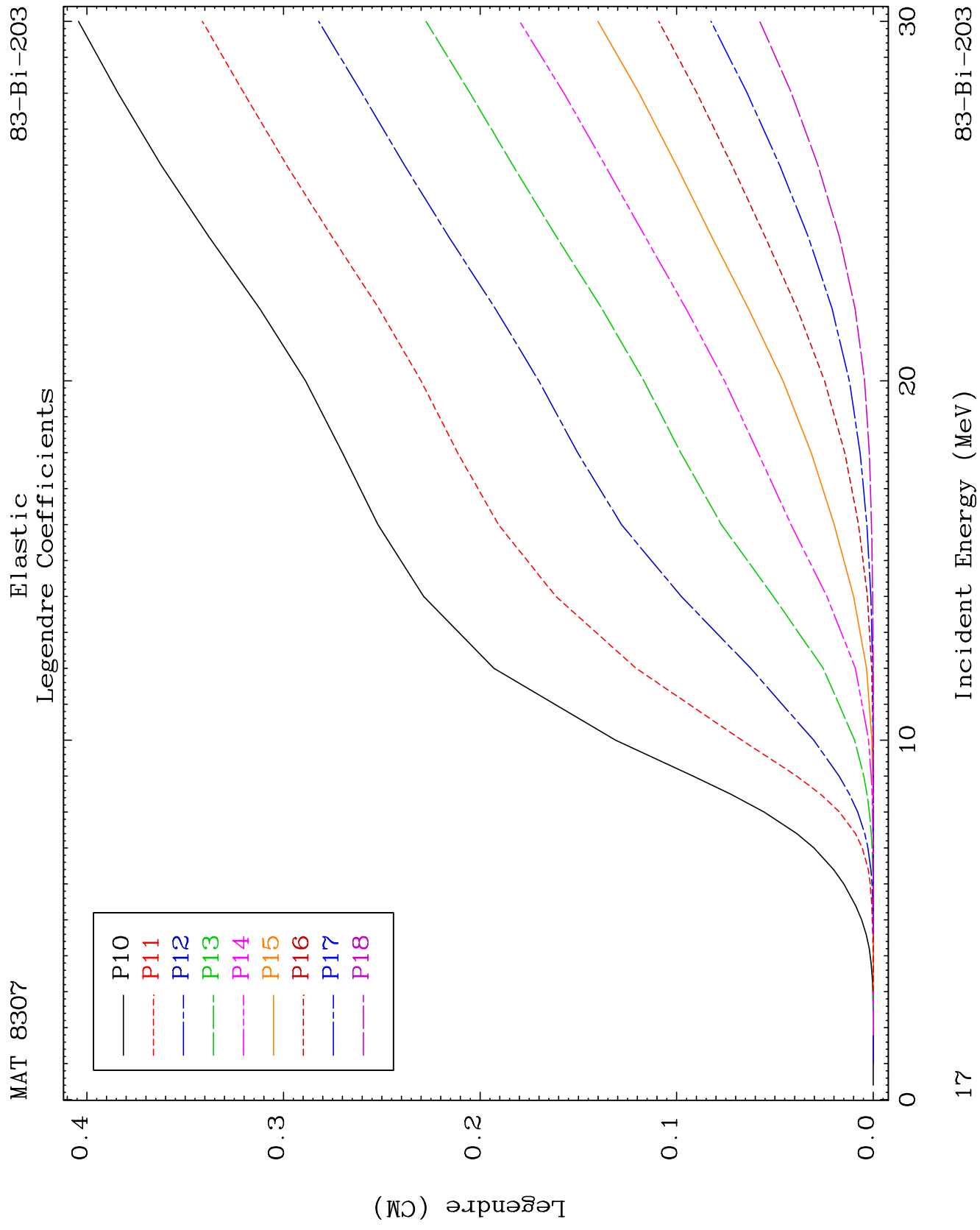
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Incident Energy (MeV)

83-Bi-203



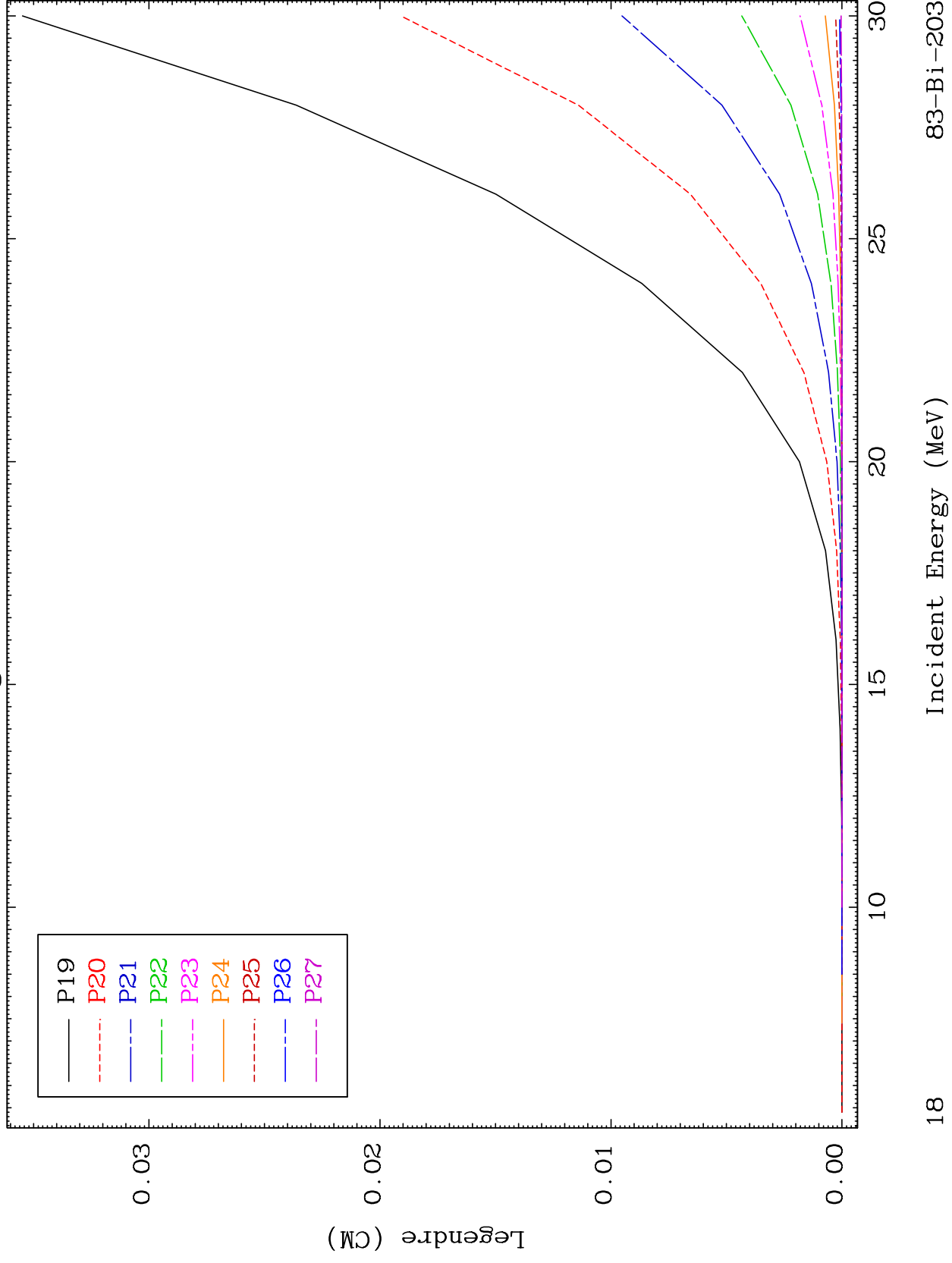




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Elastic Legendre Coefficients

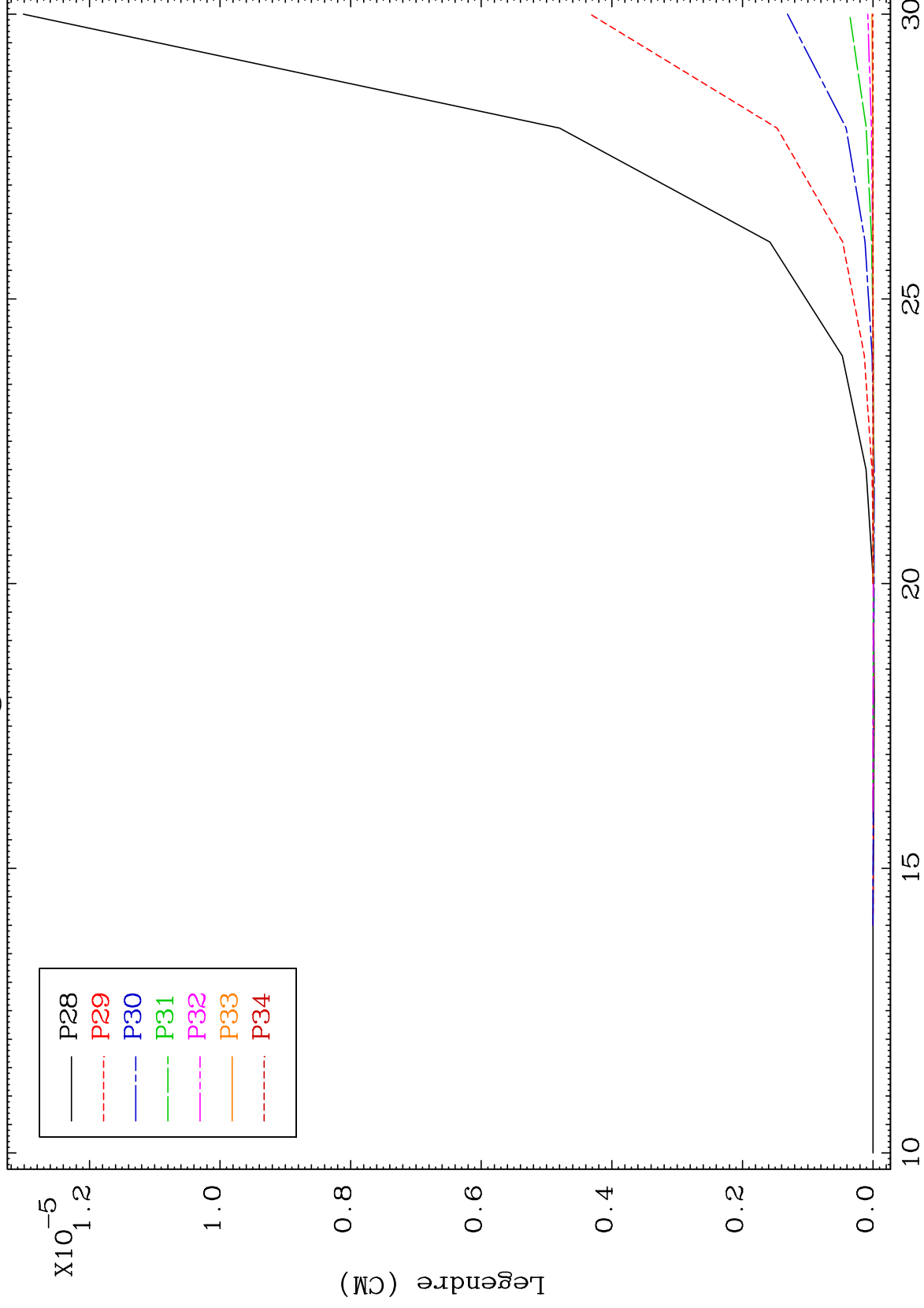
83-Bi-203



MAT 8307

Elastic
Legendre Coefficients

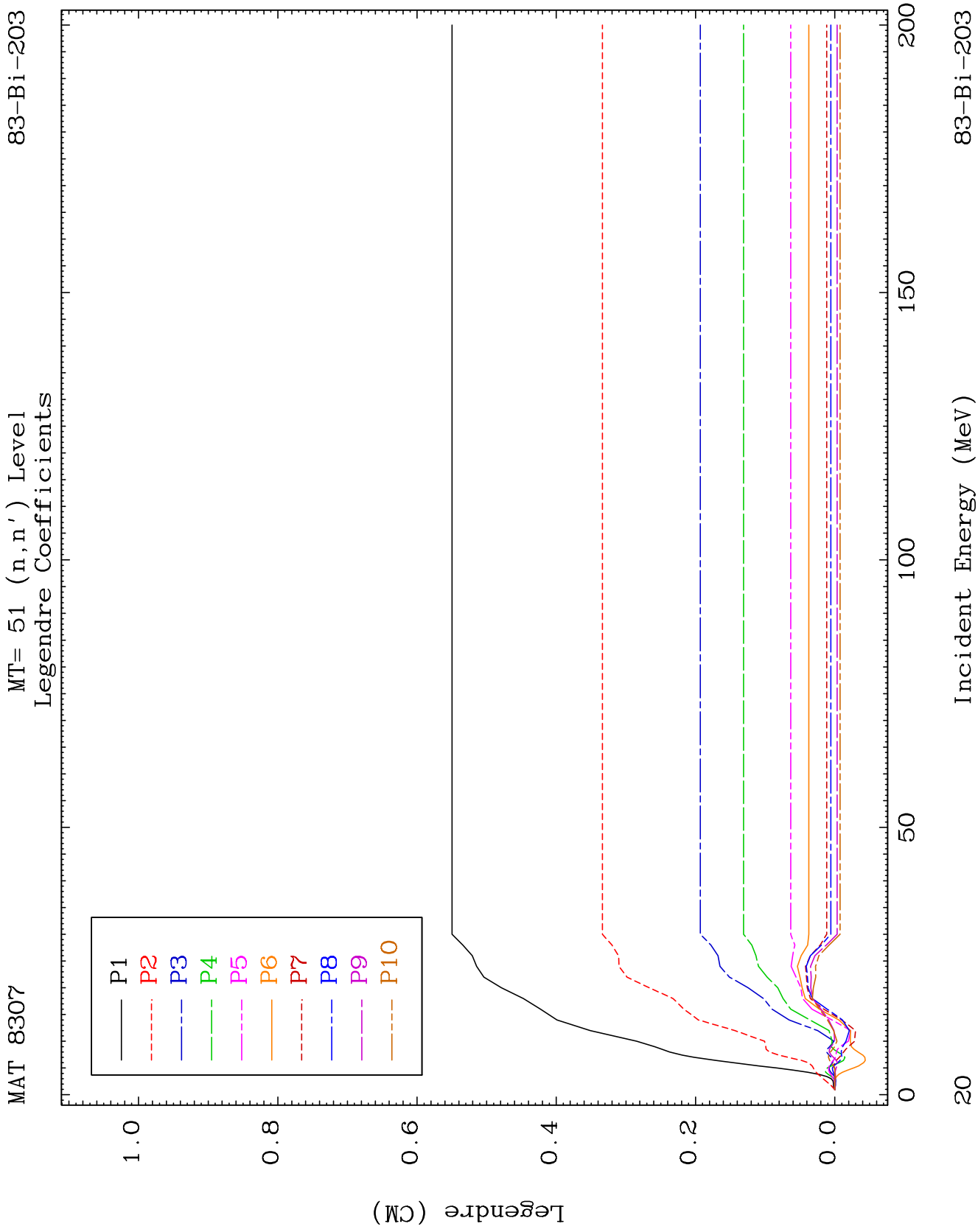
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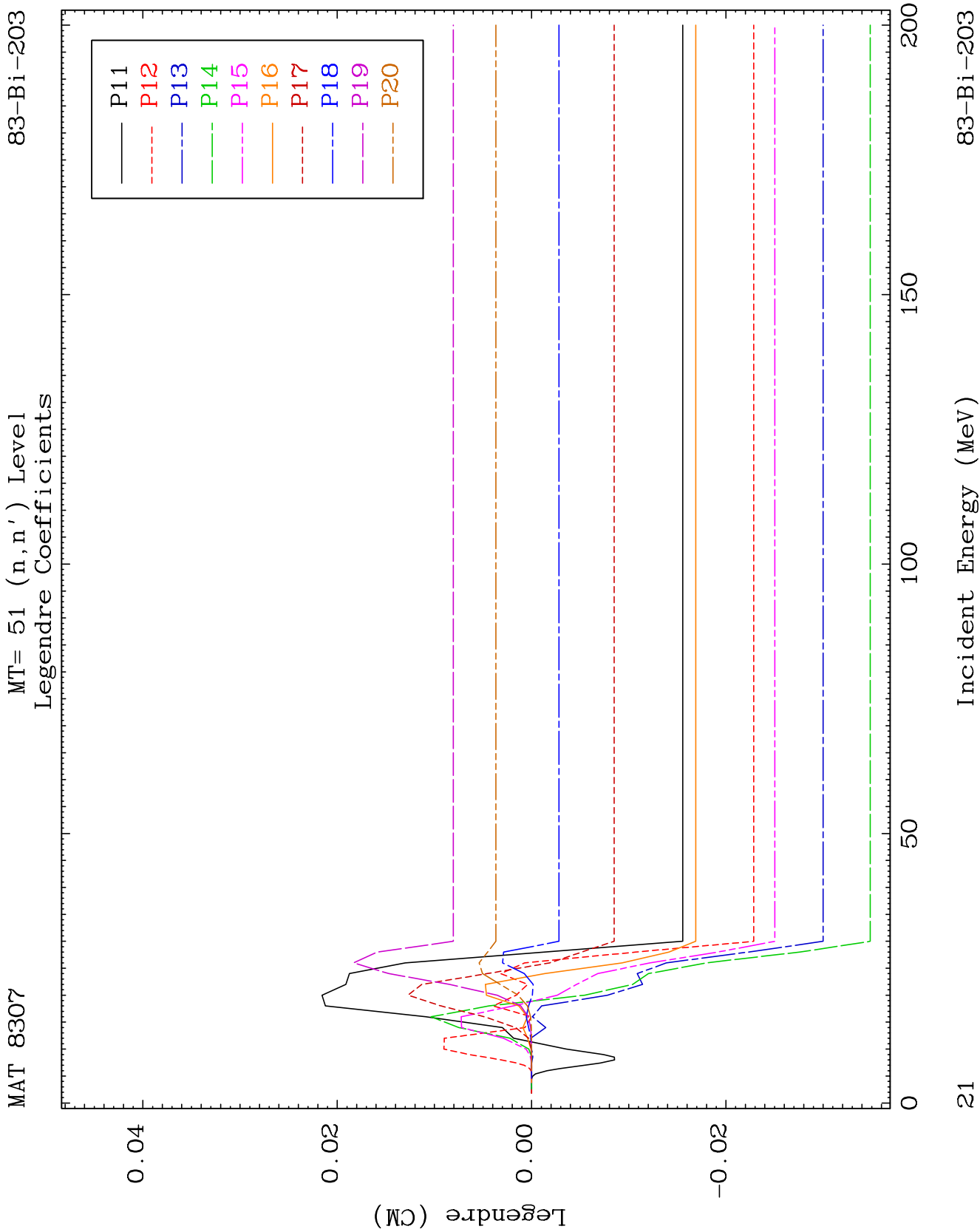


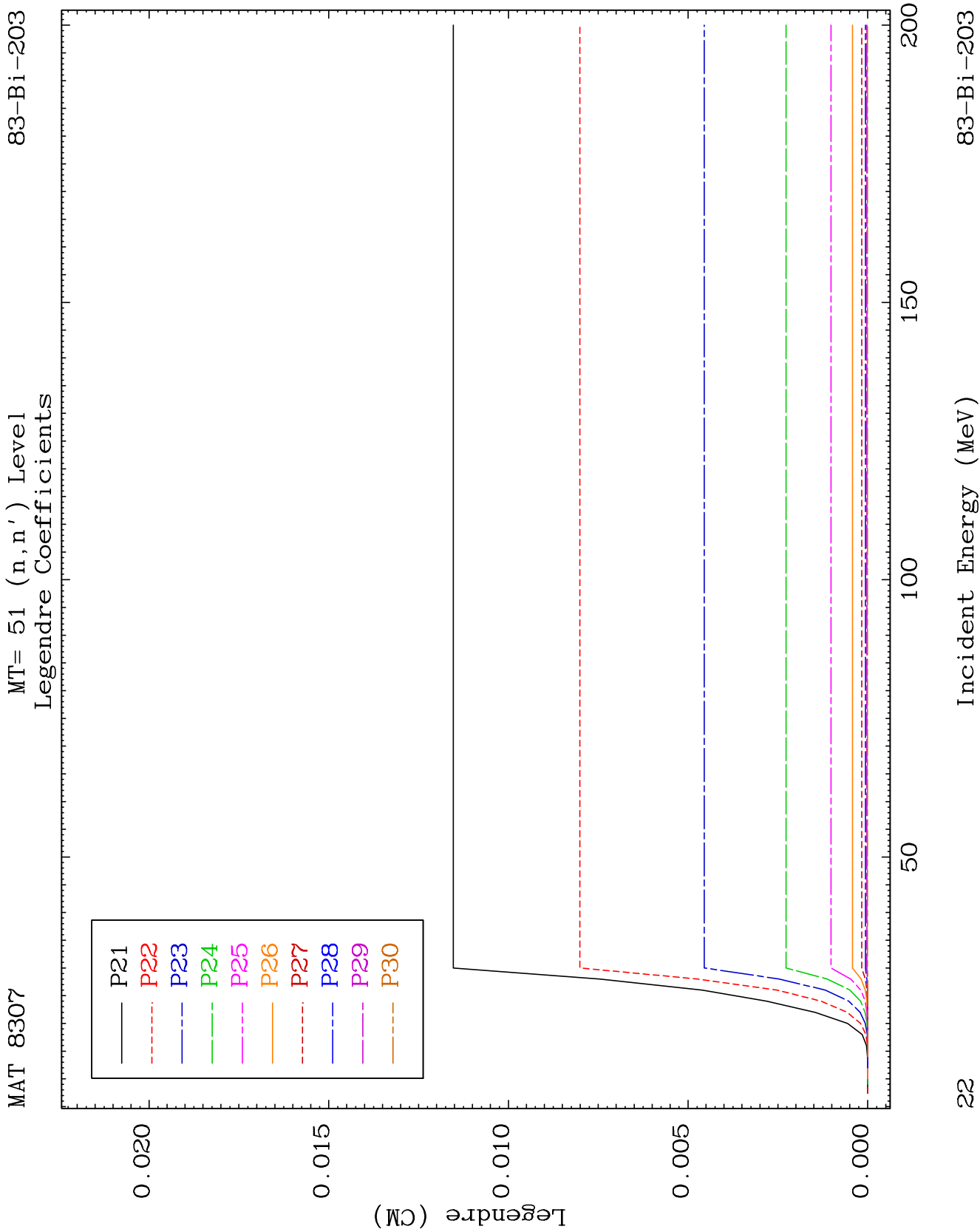
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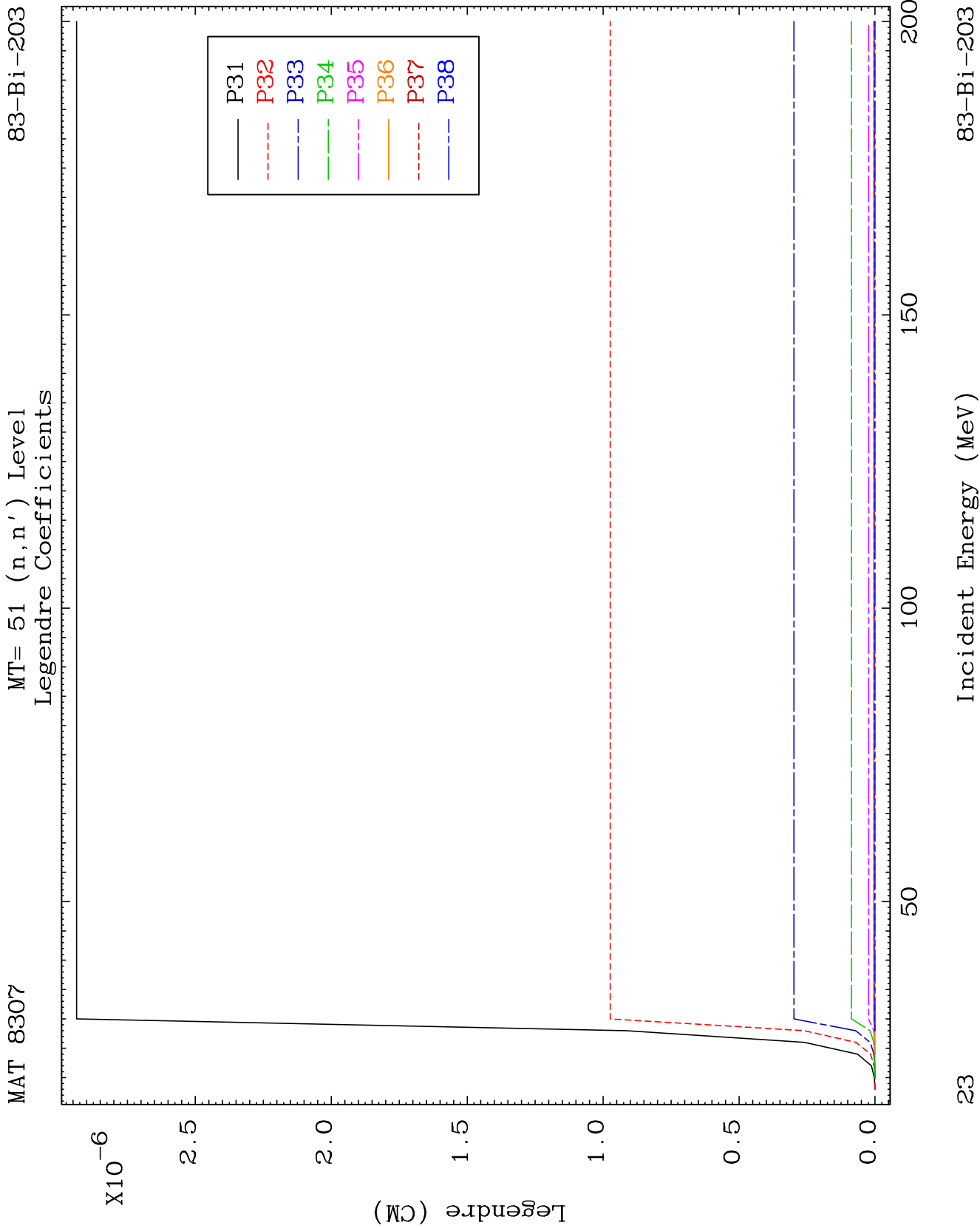
Incident Energy (MeV)

19





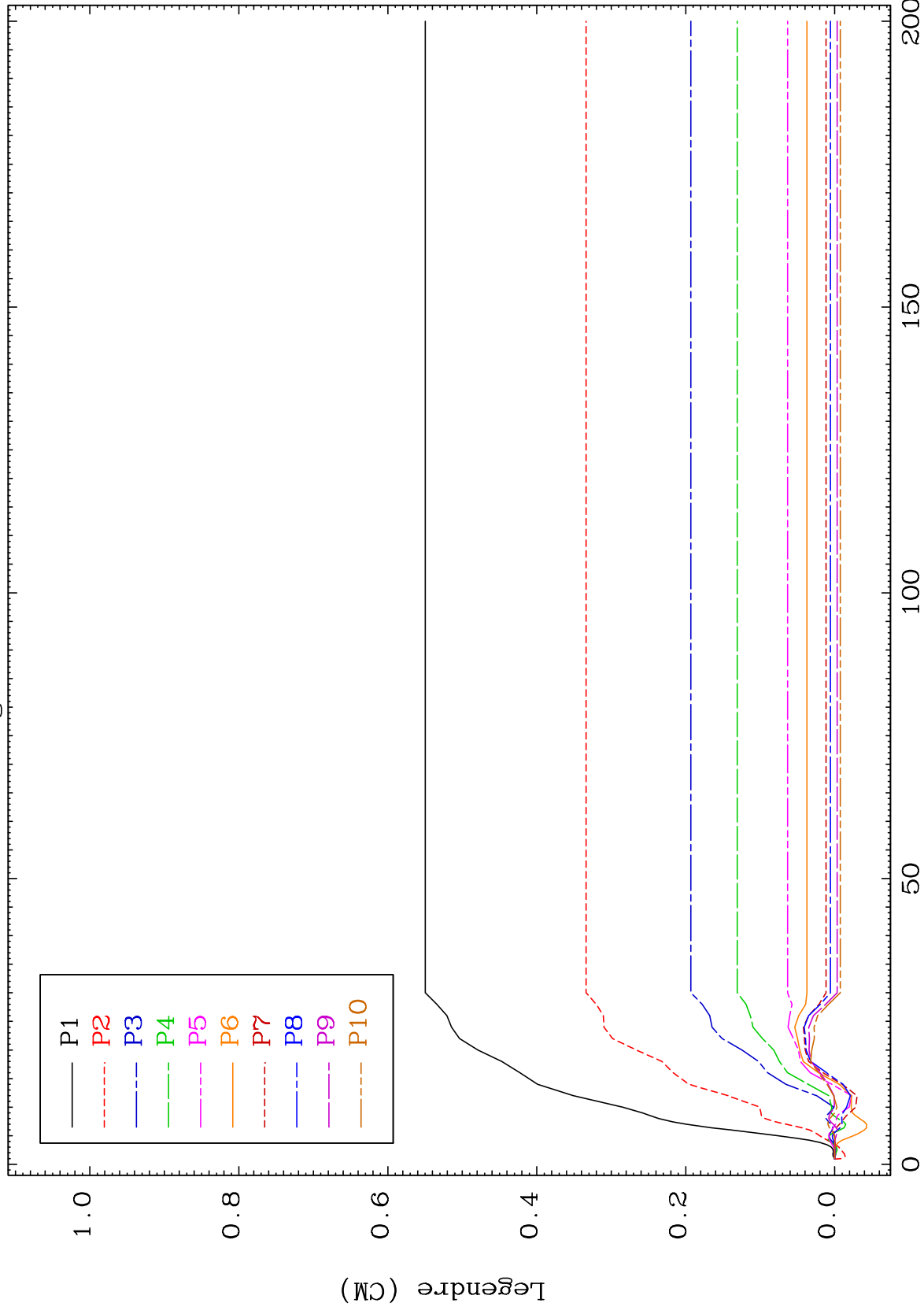




MAT 8307

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

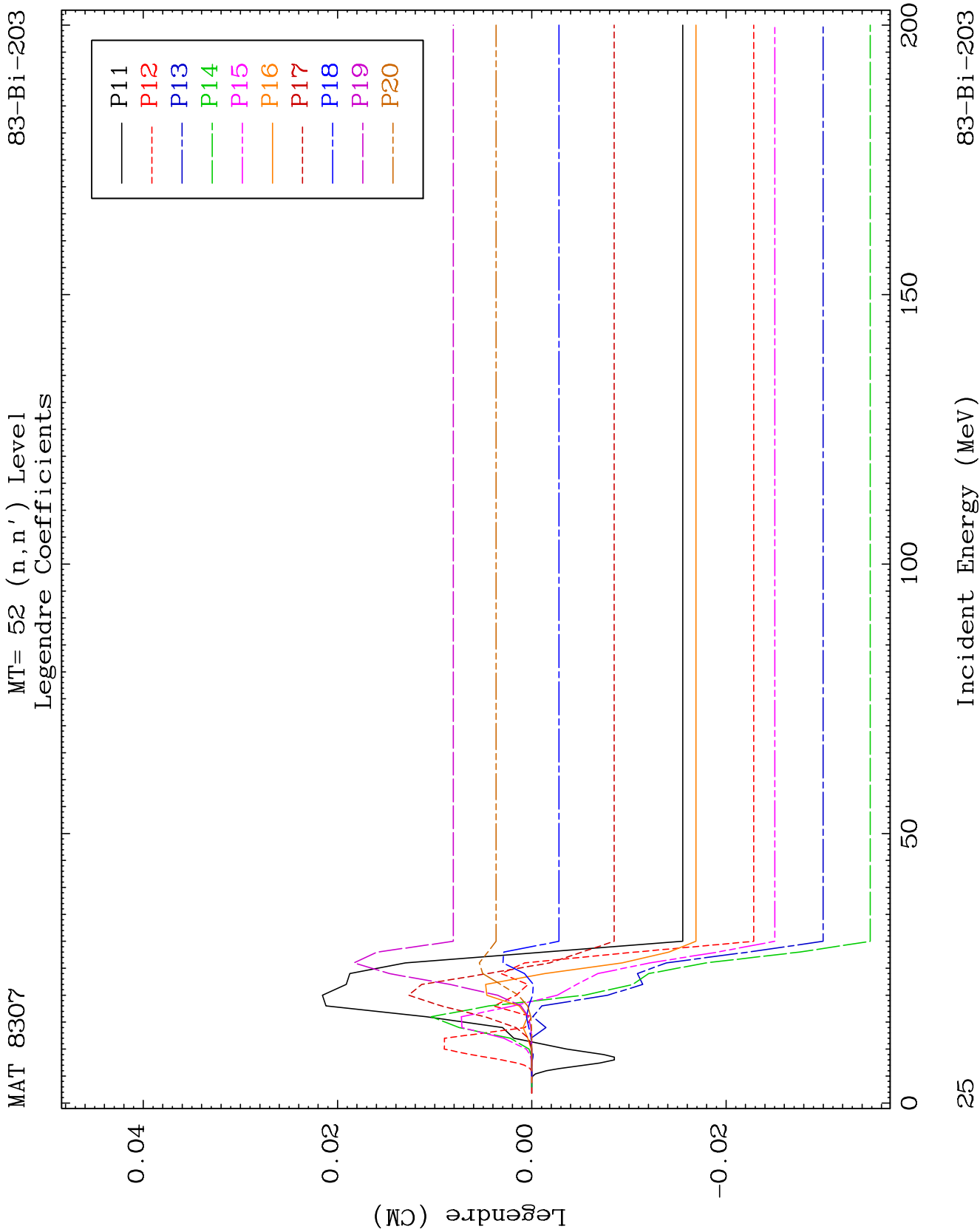
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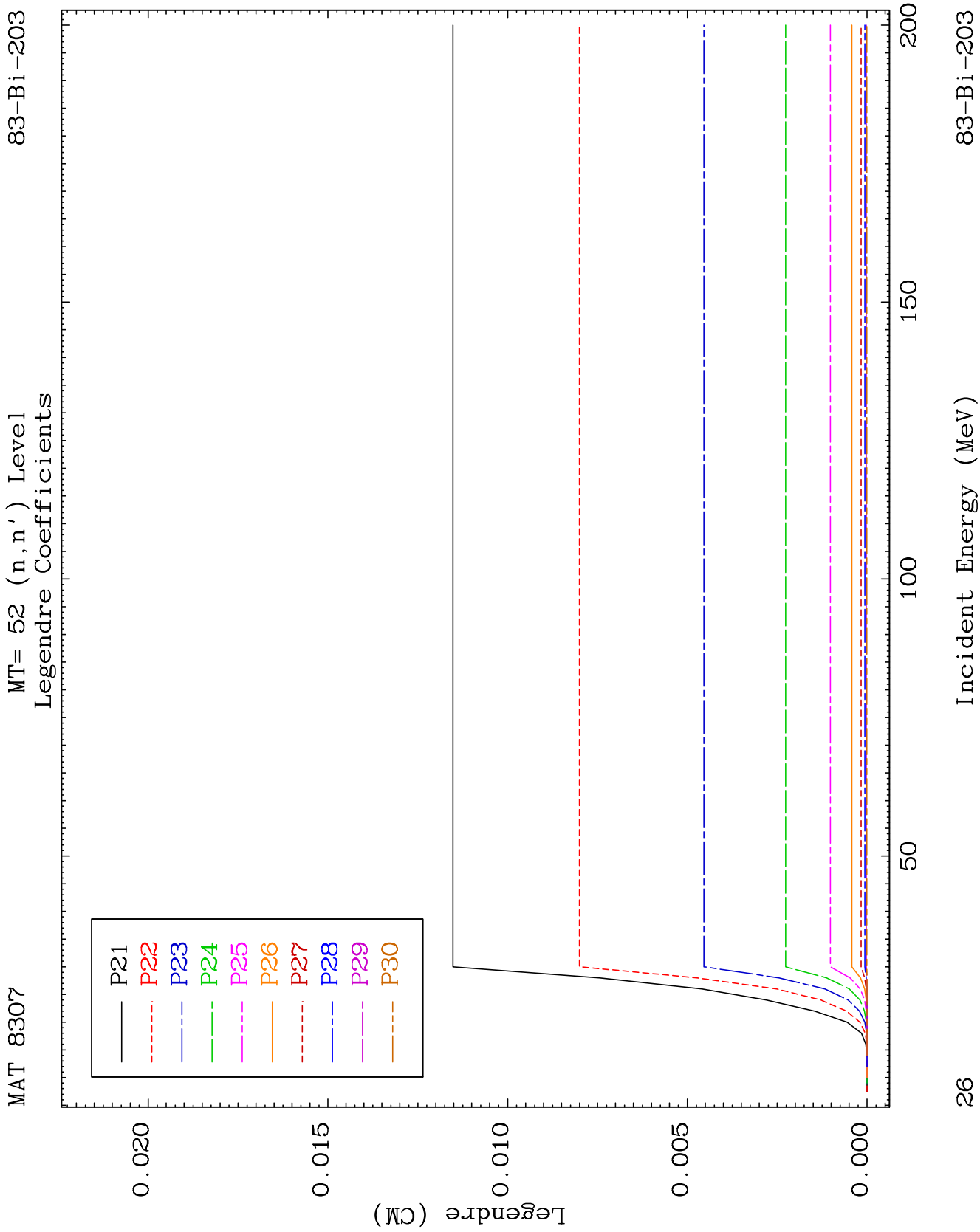


83-Bi-203

Incident Energy (MeV)

24

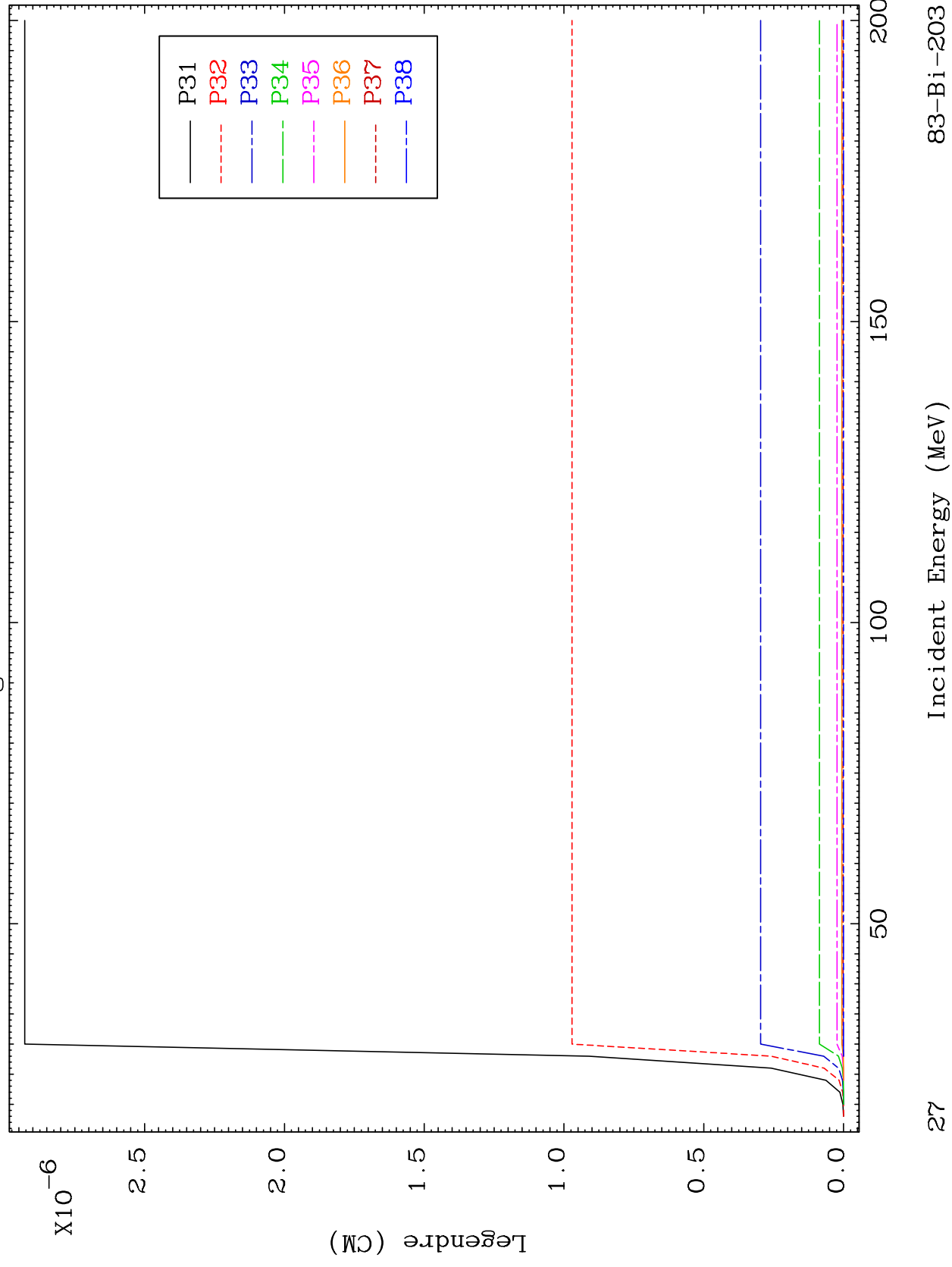




MAT 8307

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

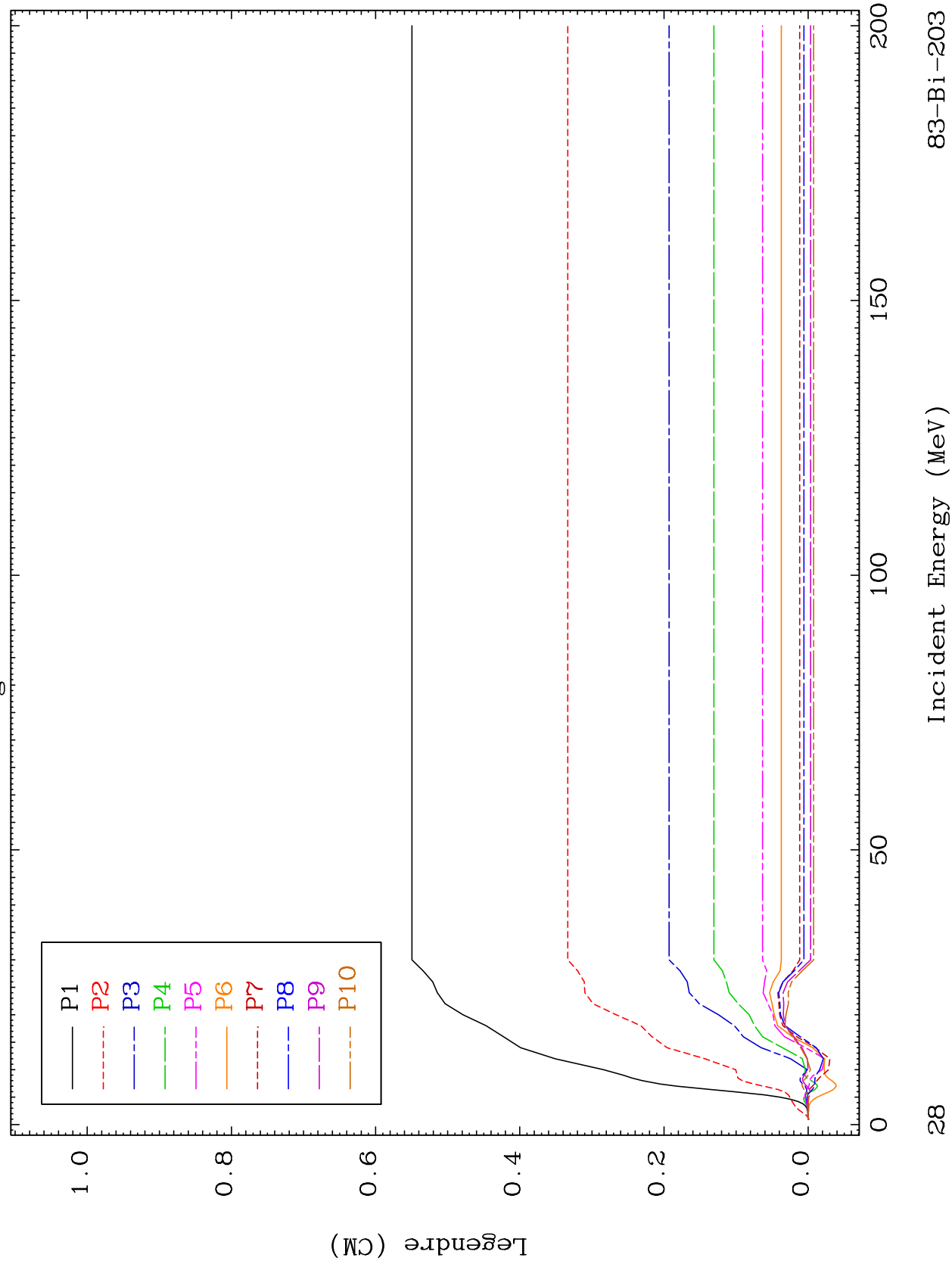
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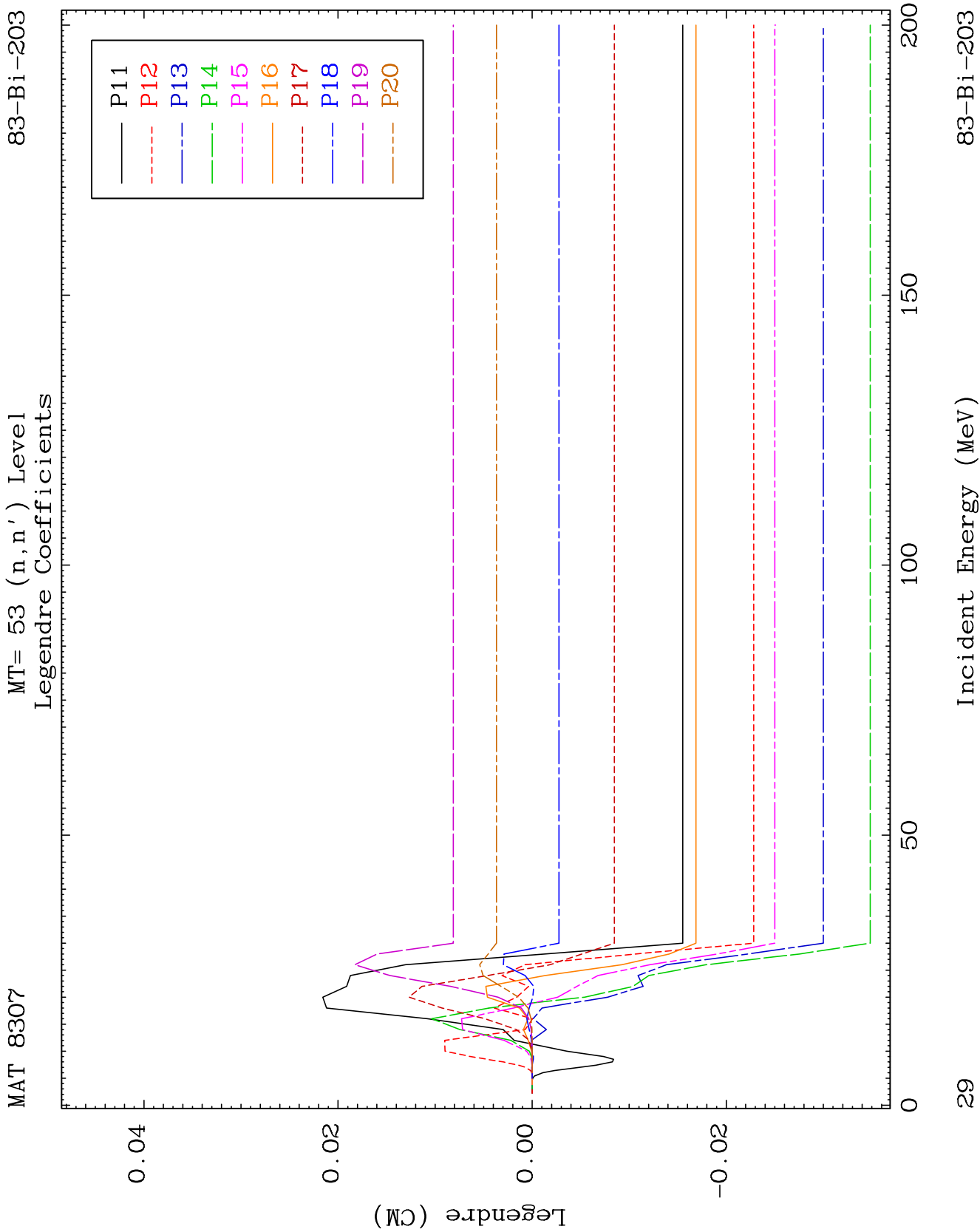


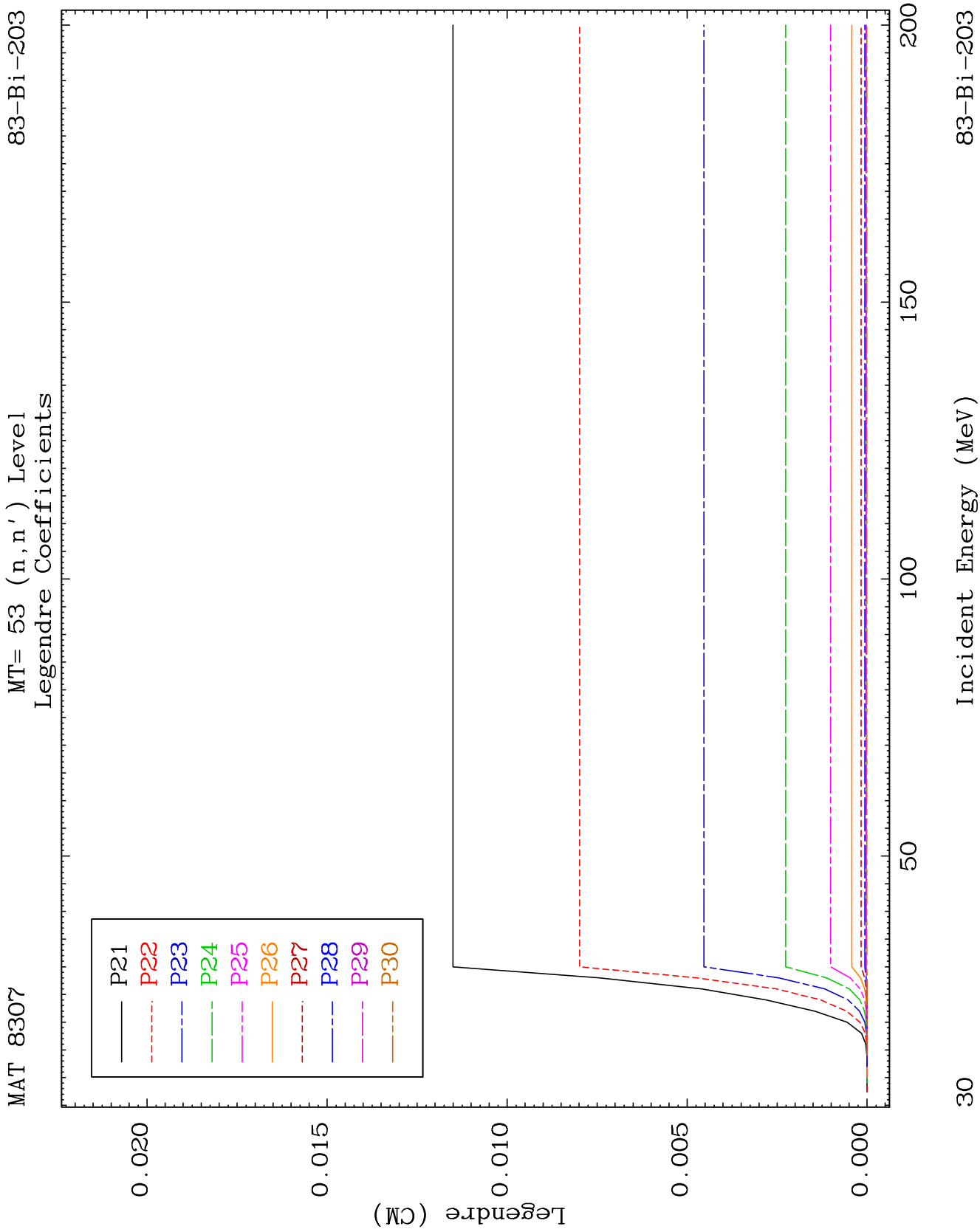
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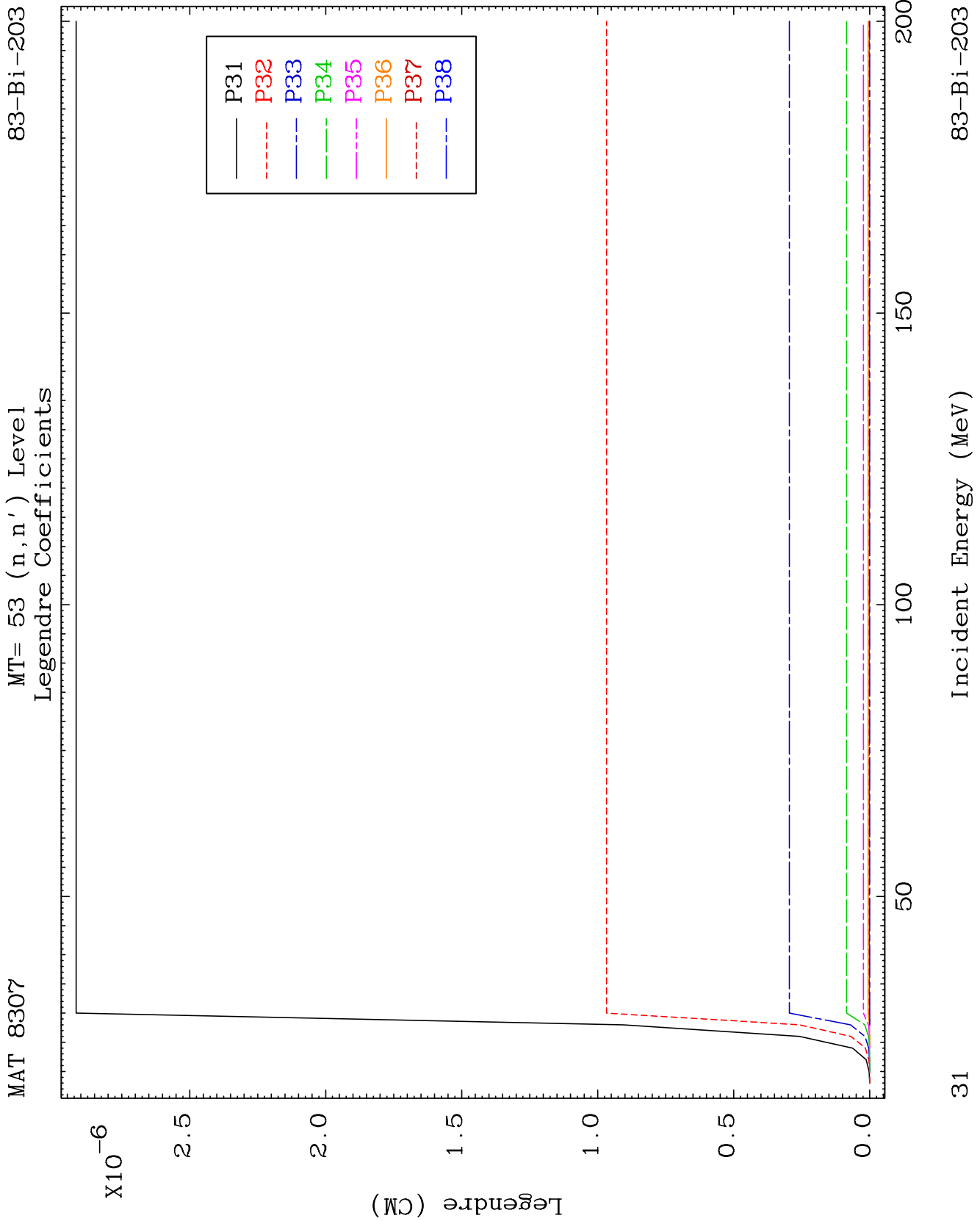
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Legendre Coefficients

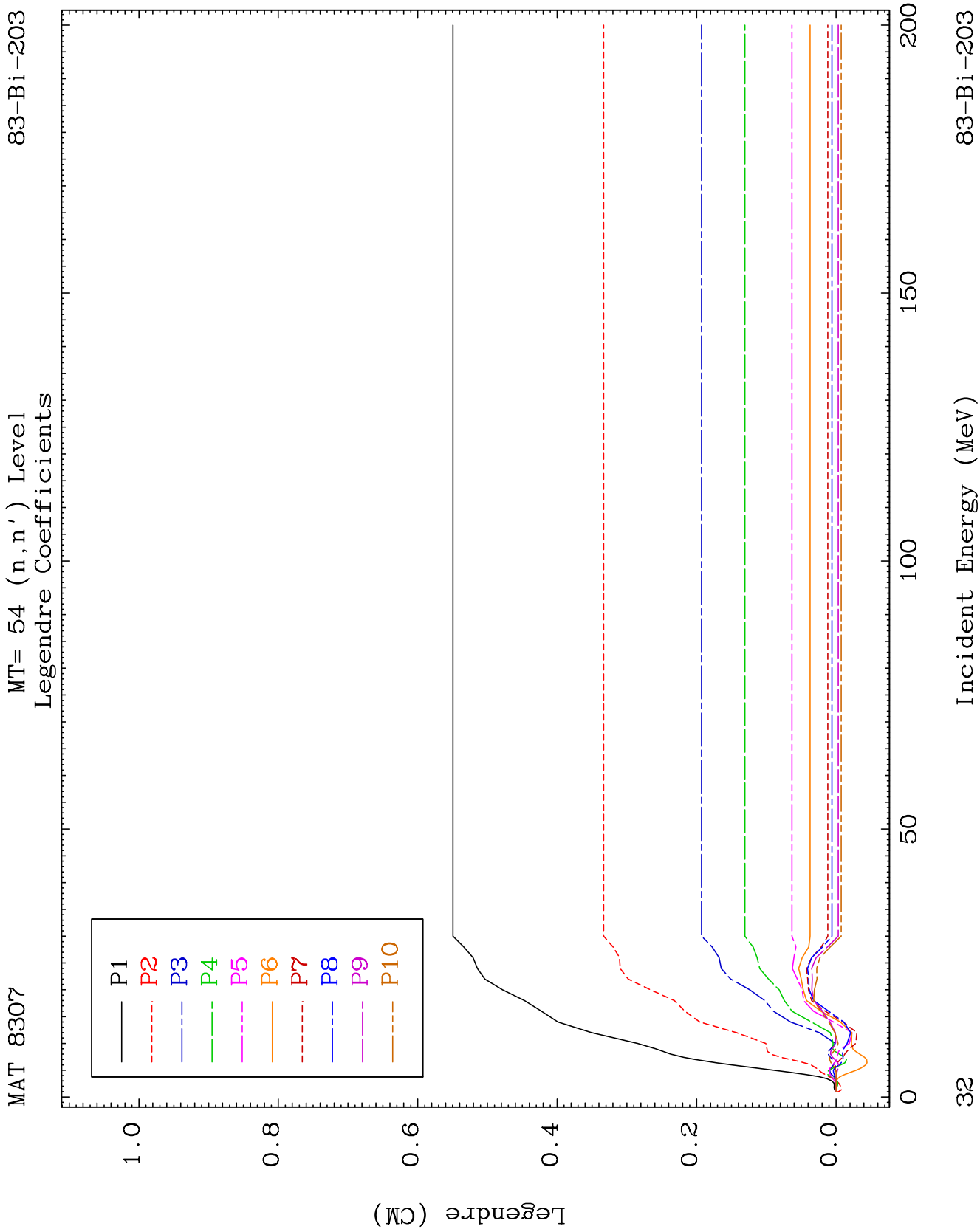
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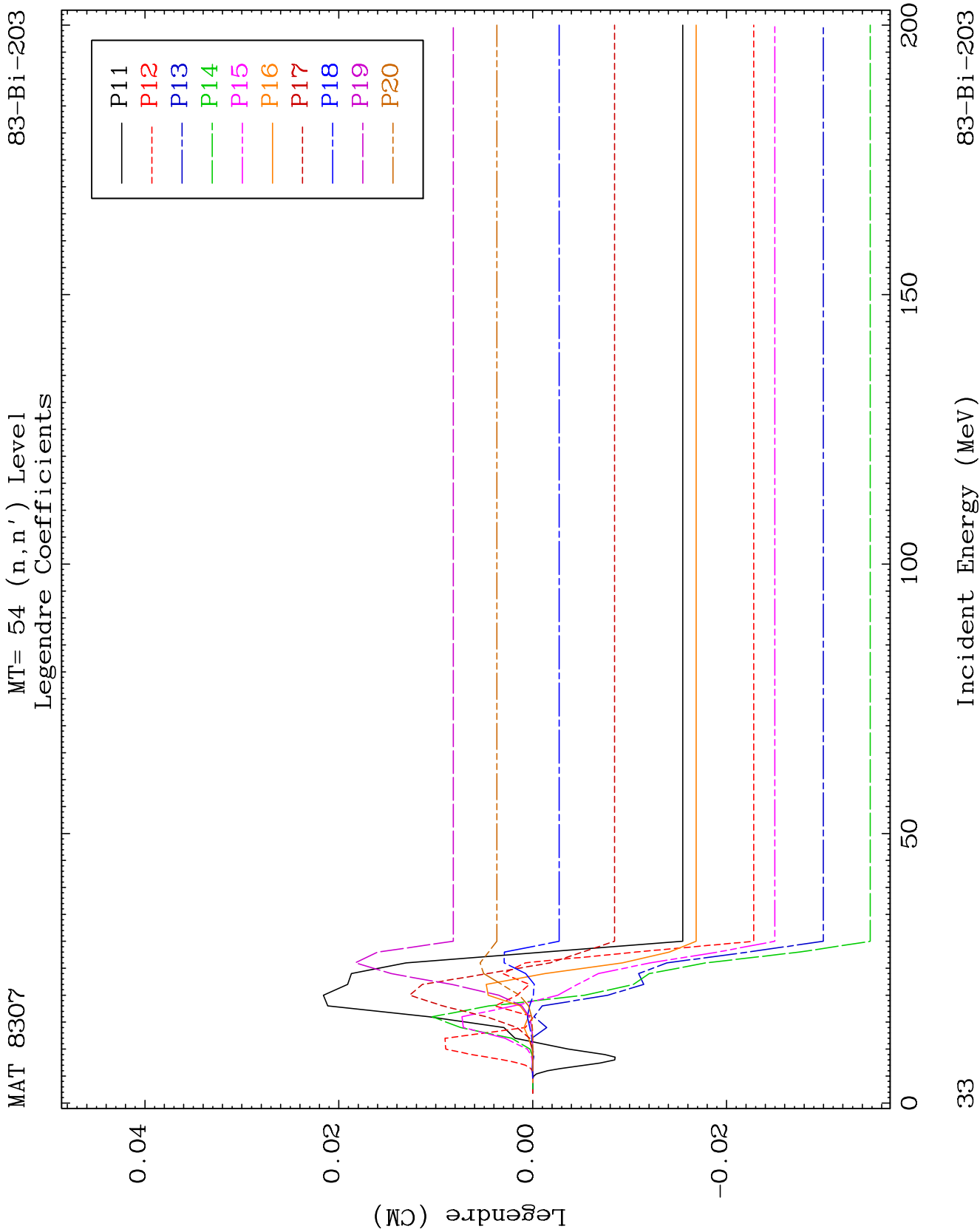








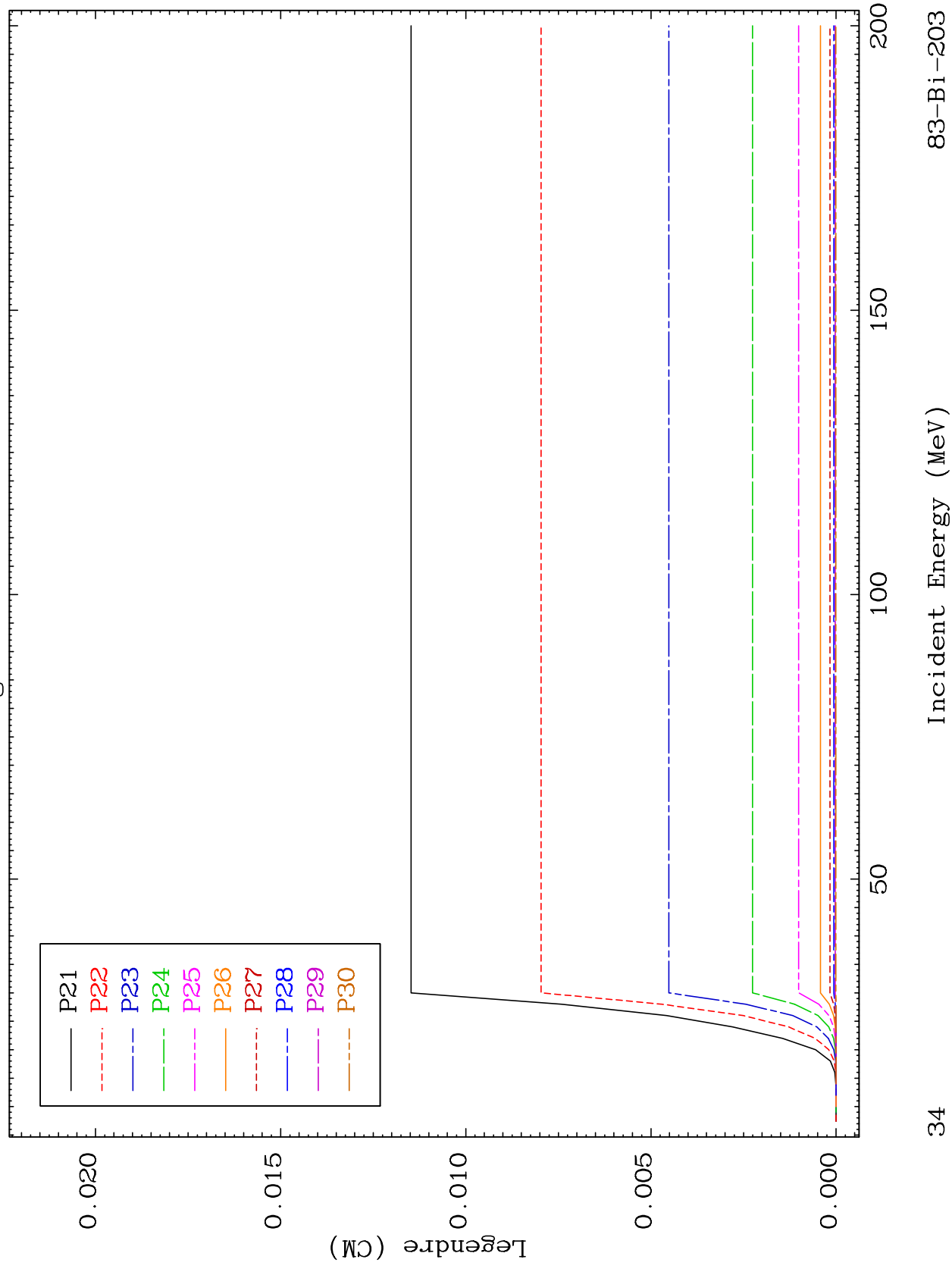


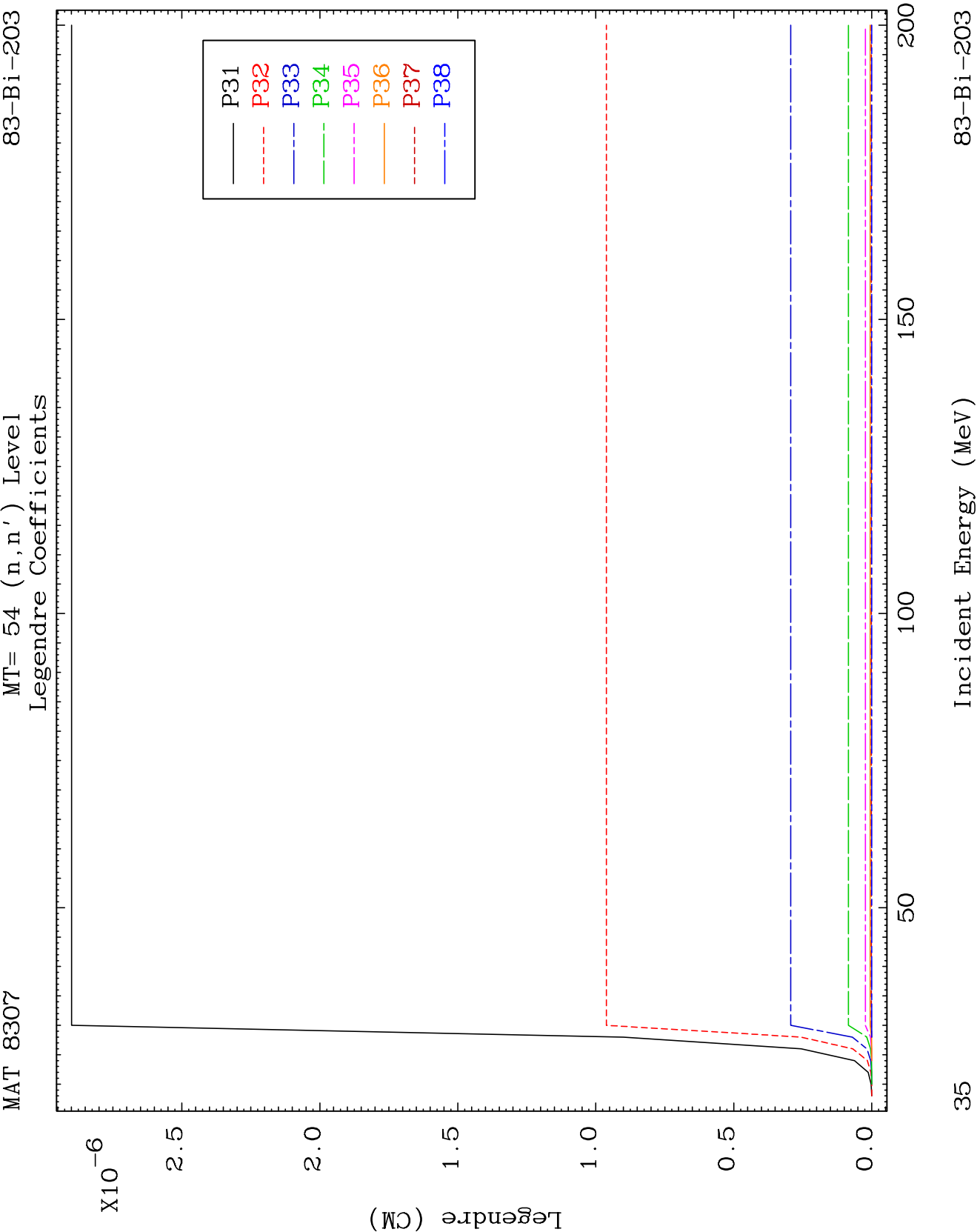


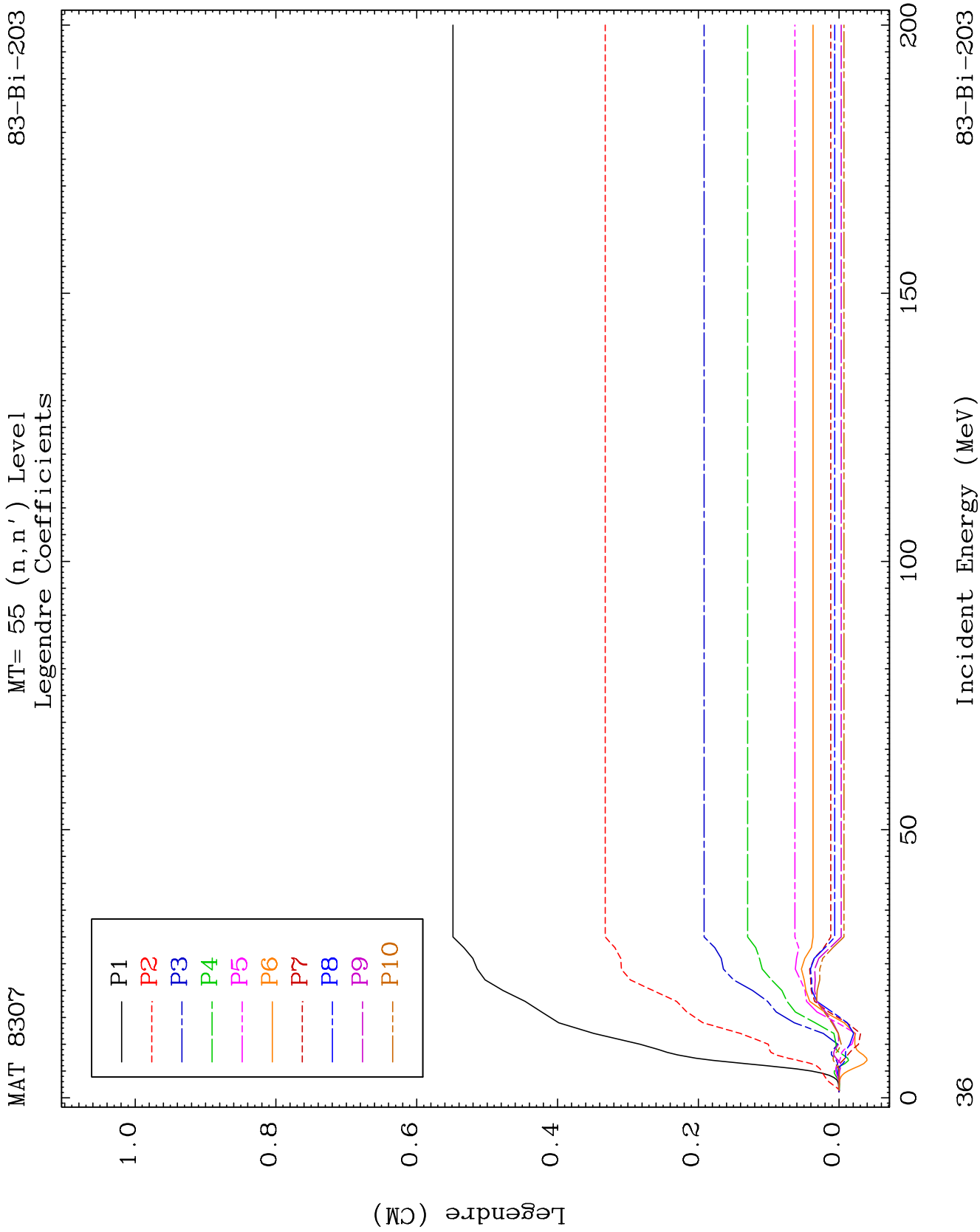
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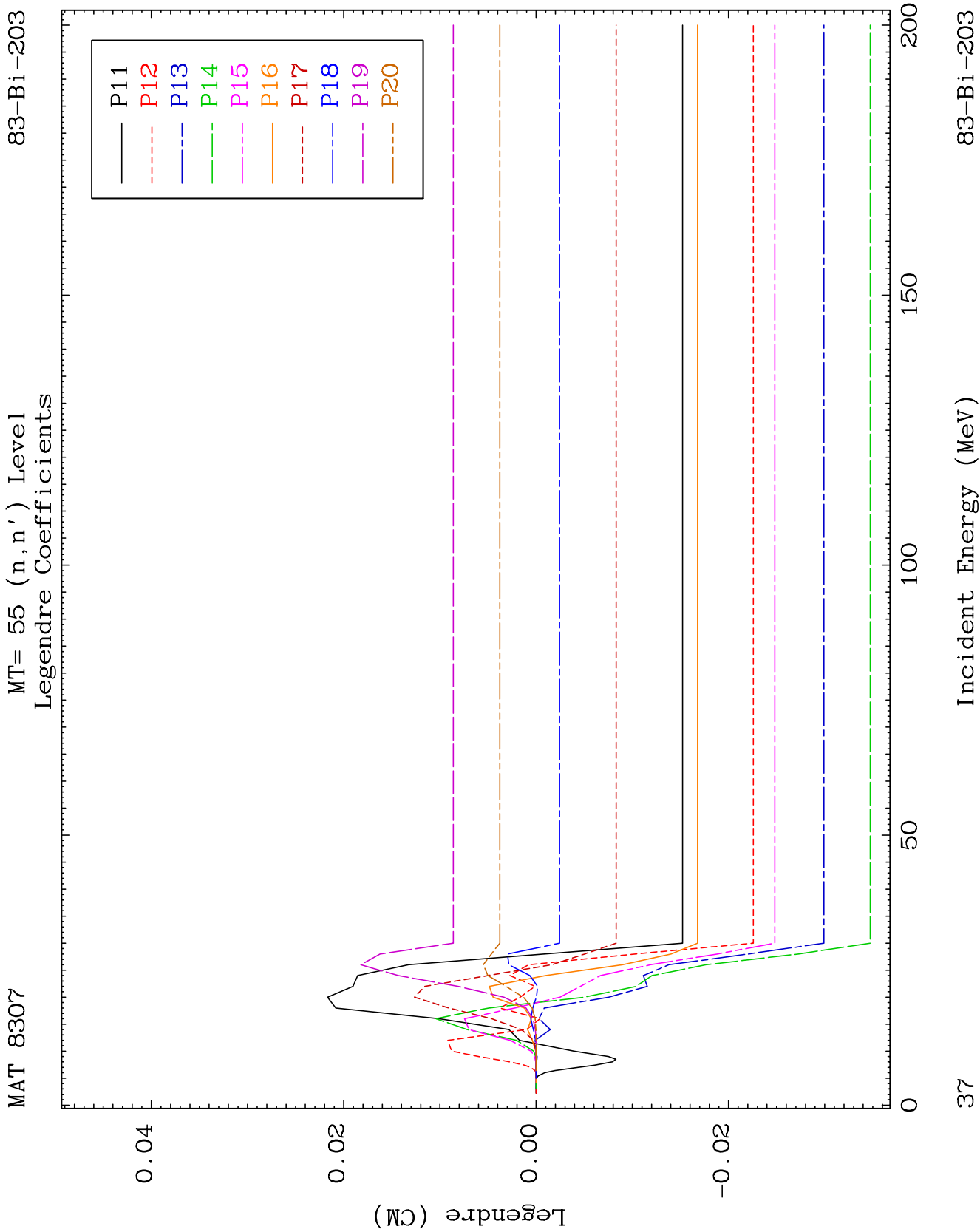
MT= 54 (n, n') Level
Legendre Coefficients

83-Bi-203





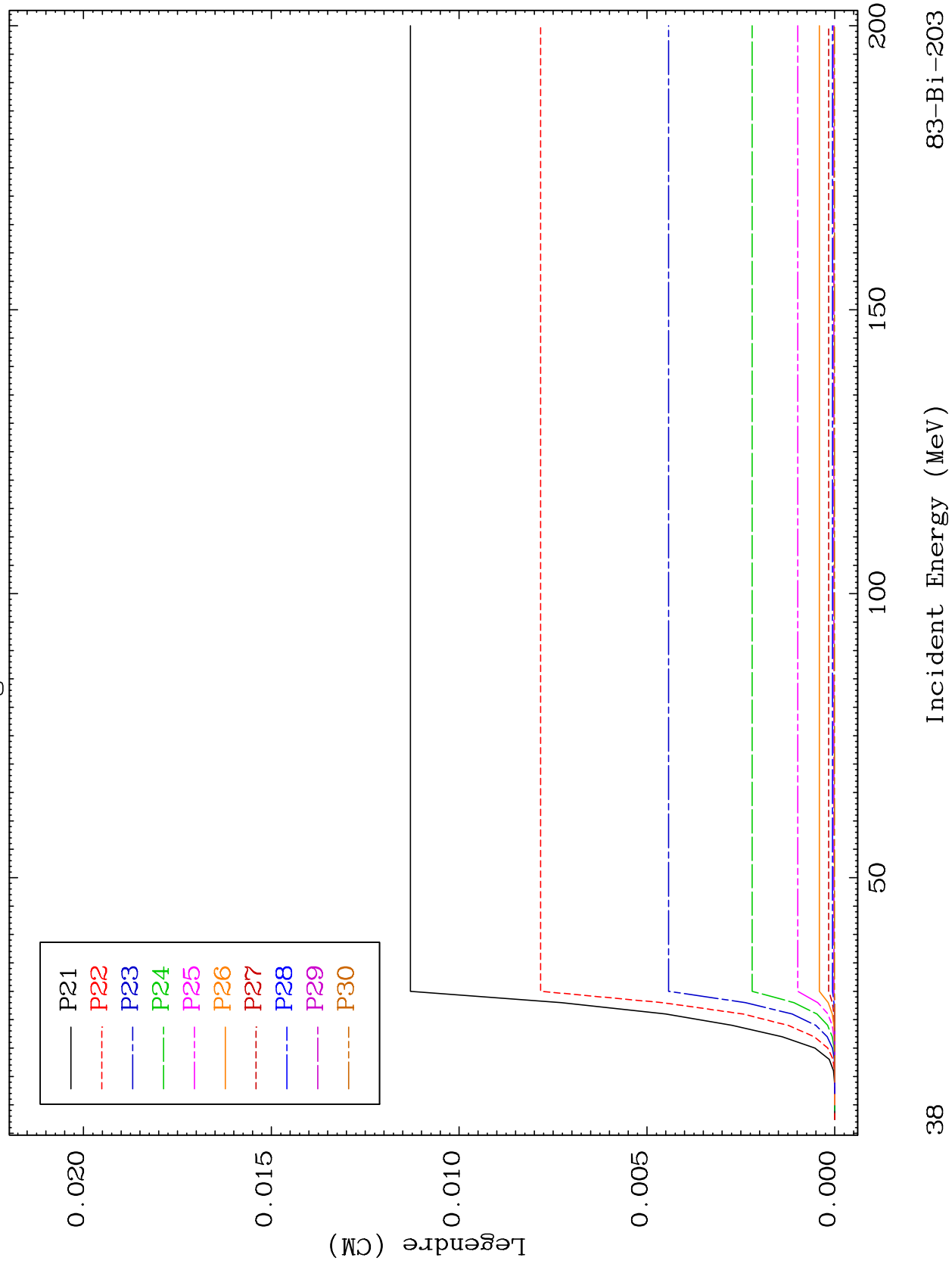


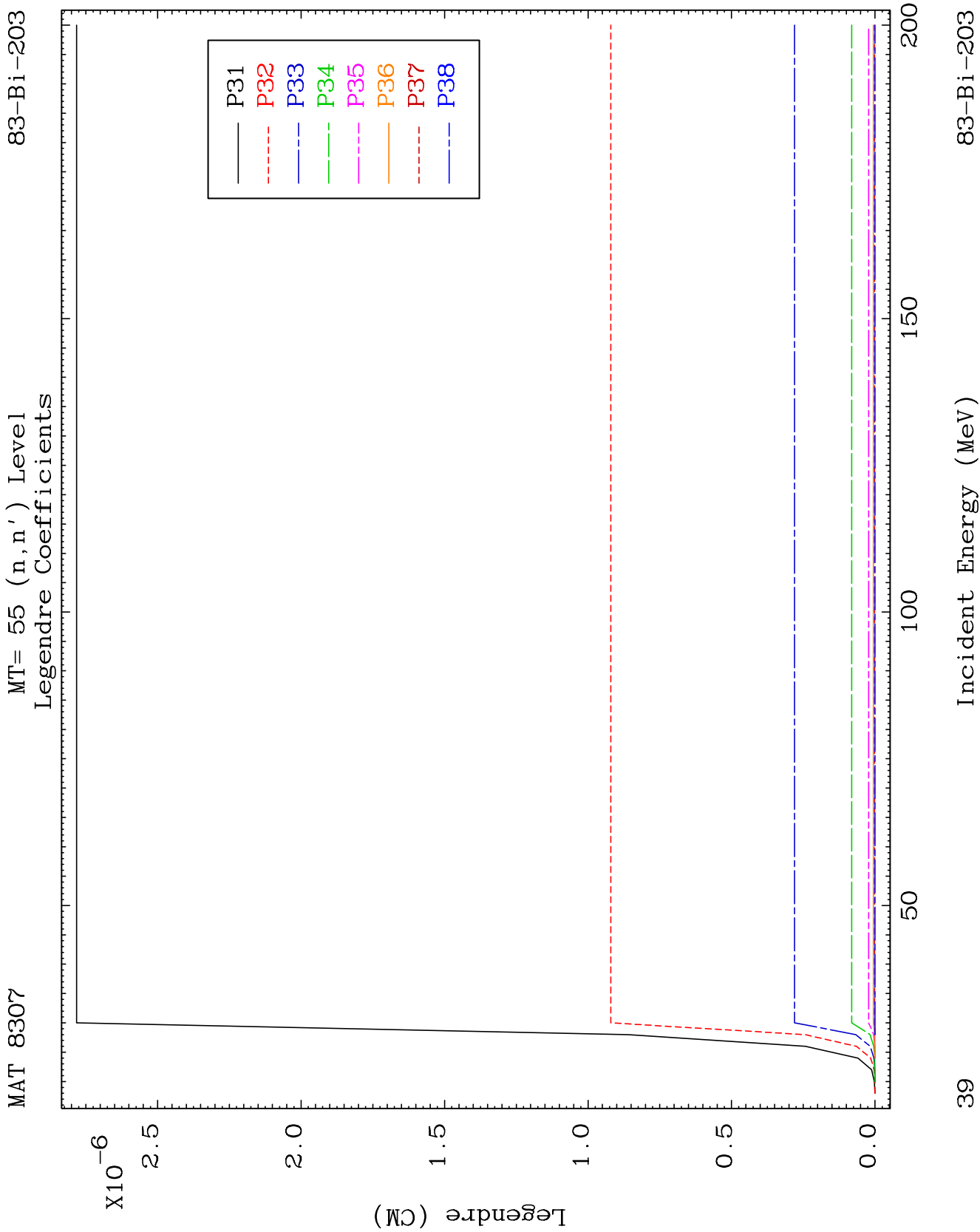


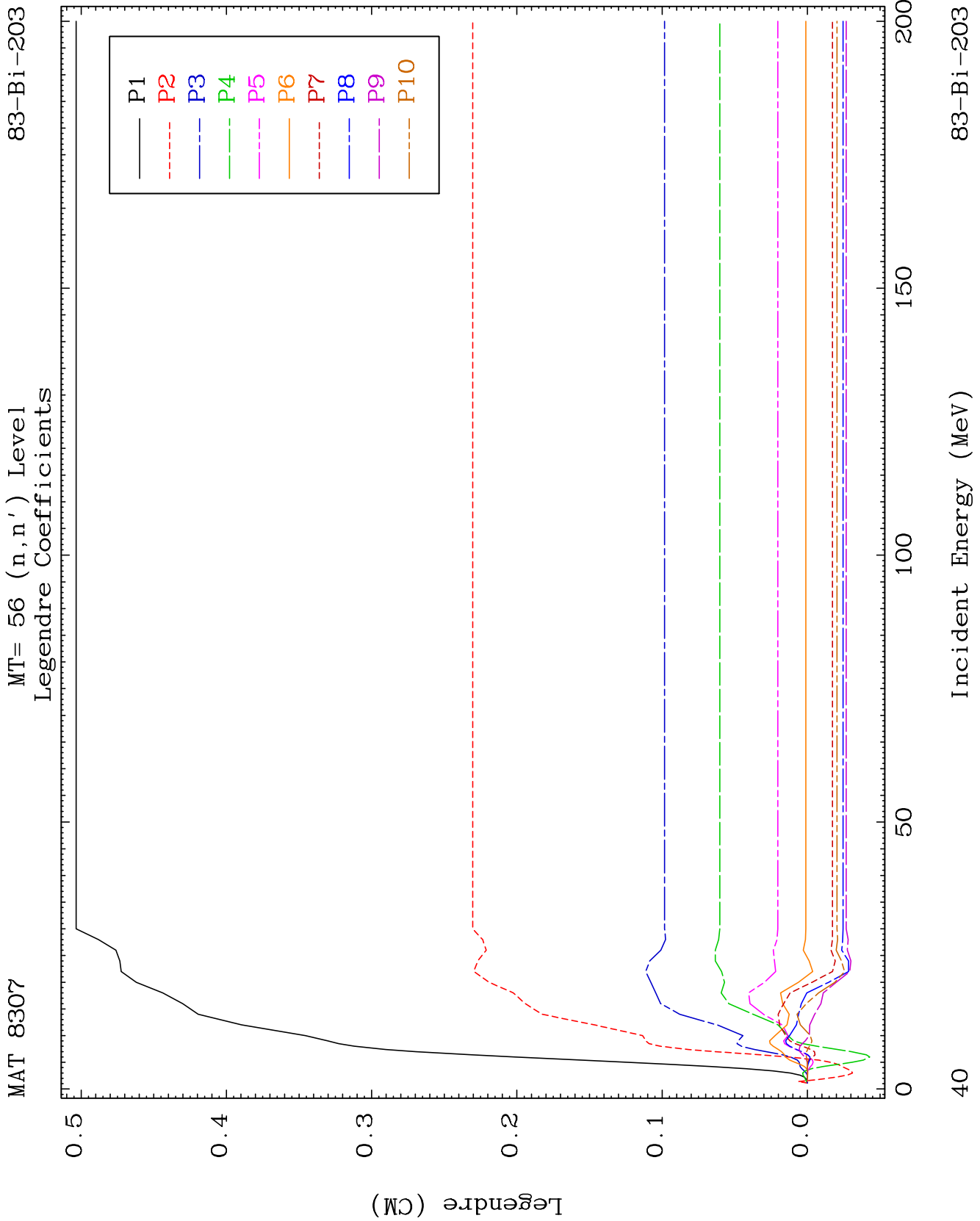
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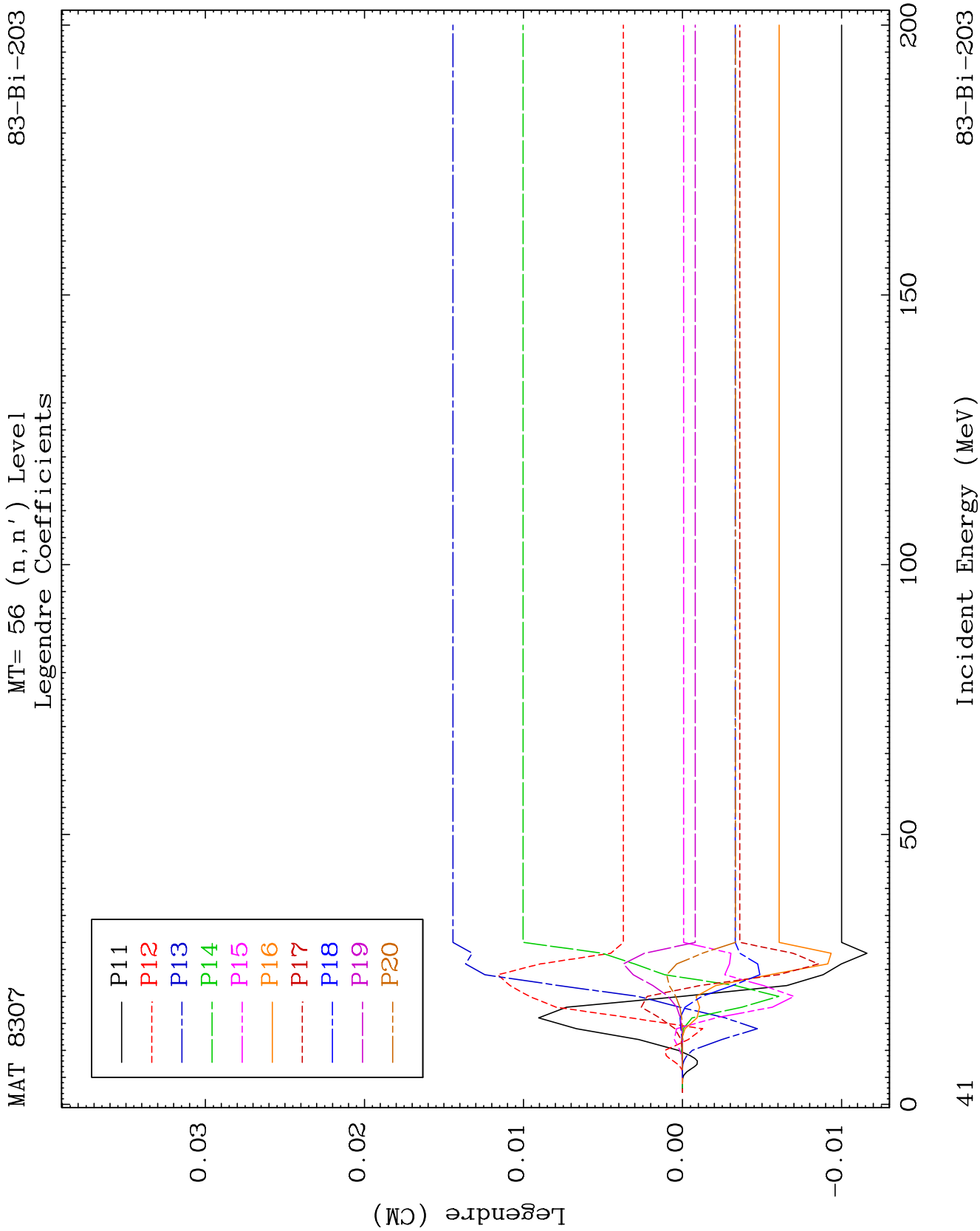
MT= 55 (n, n') Level
Legendre Coefficients

83-Bi-203





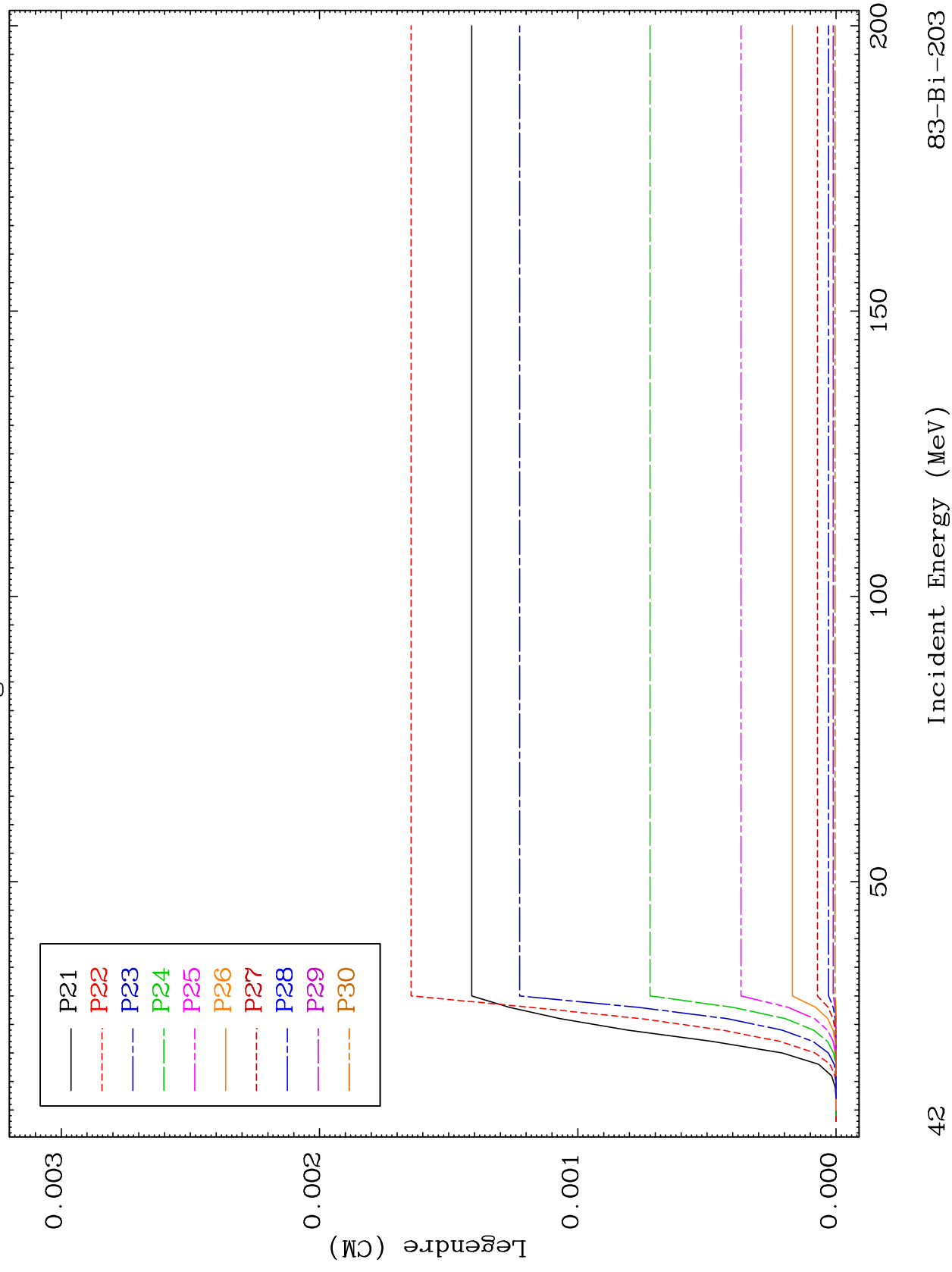


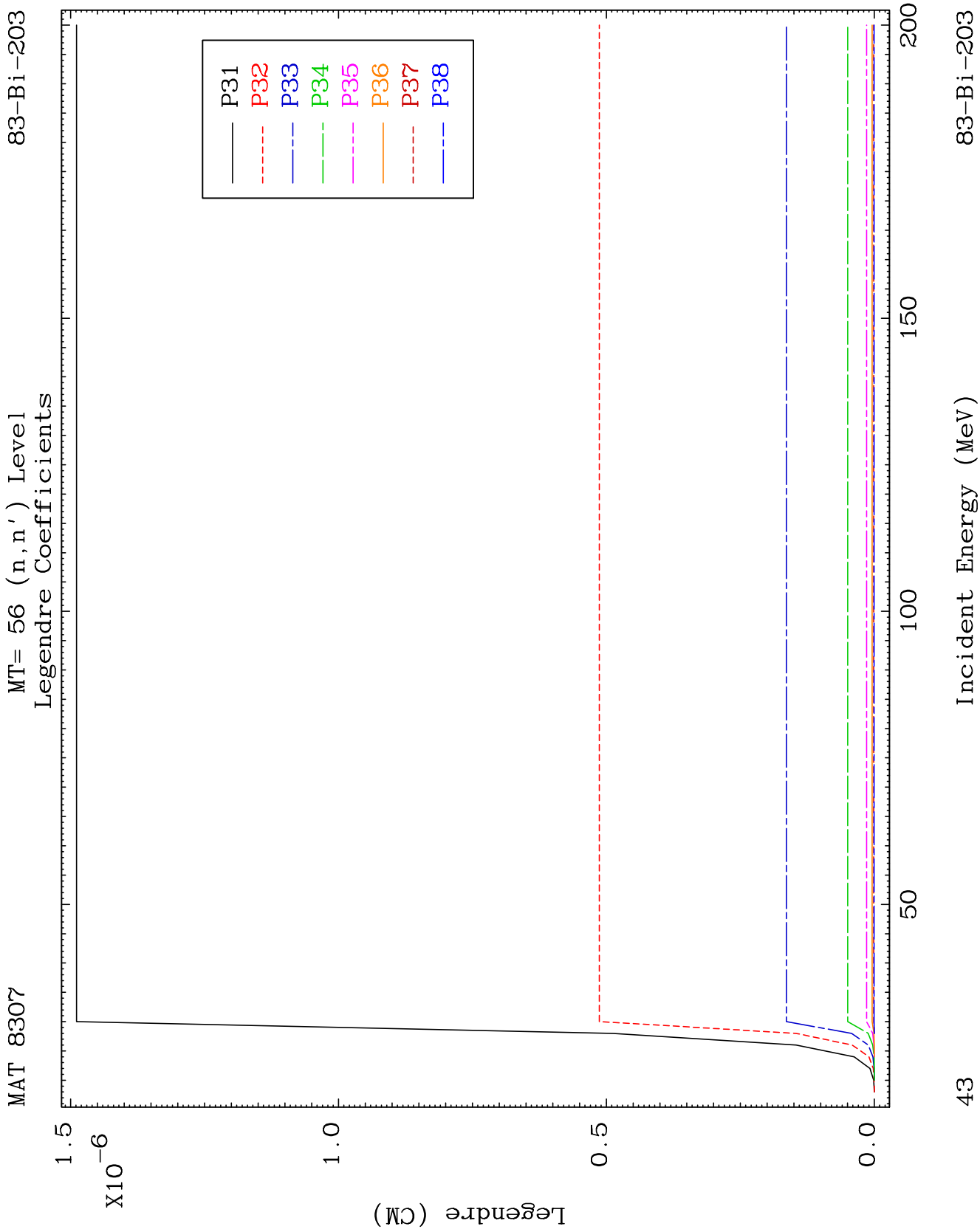


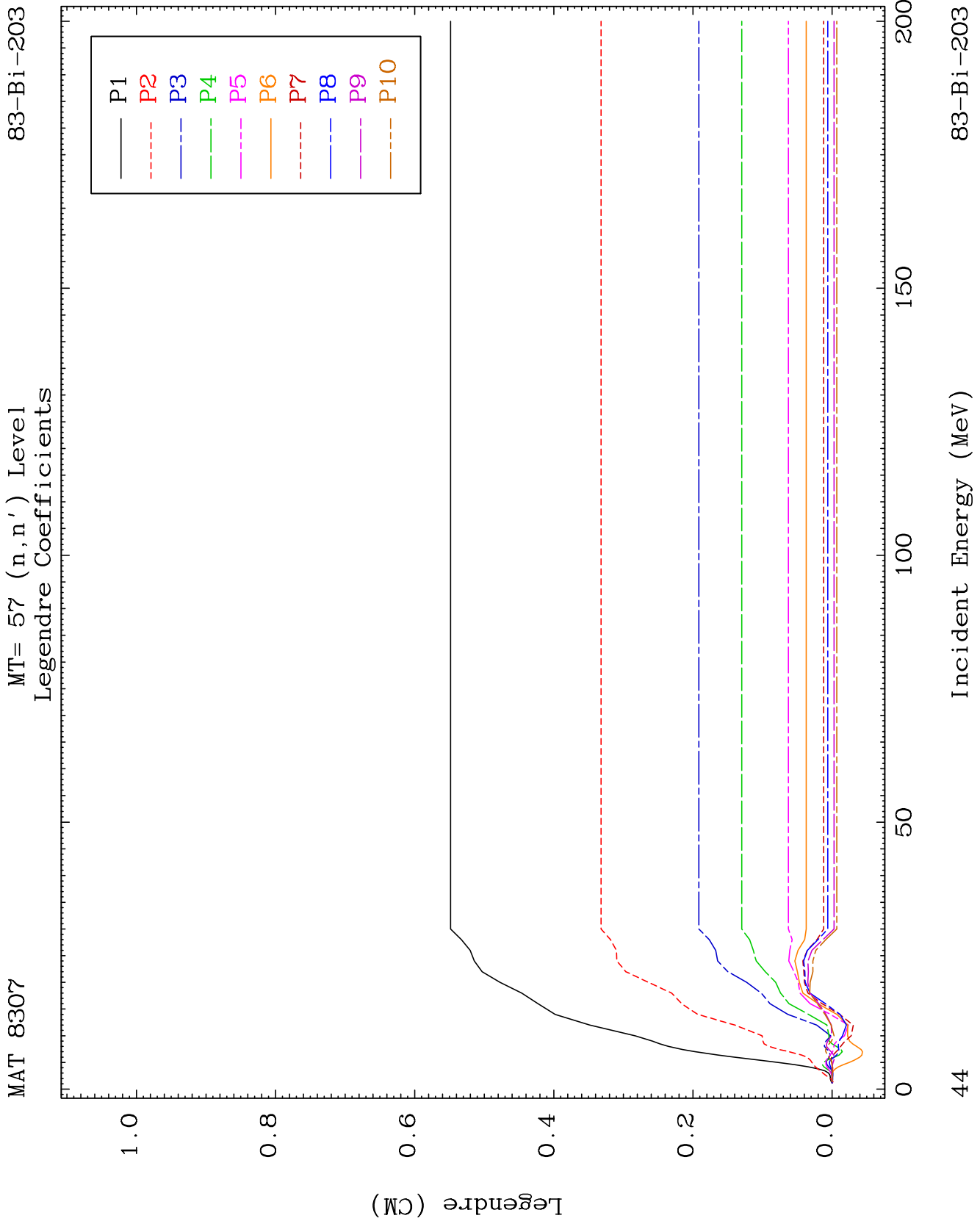
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Legendre Coefficients

83-Bi-203



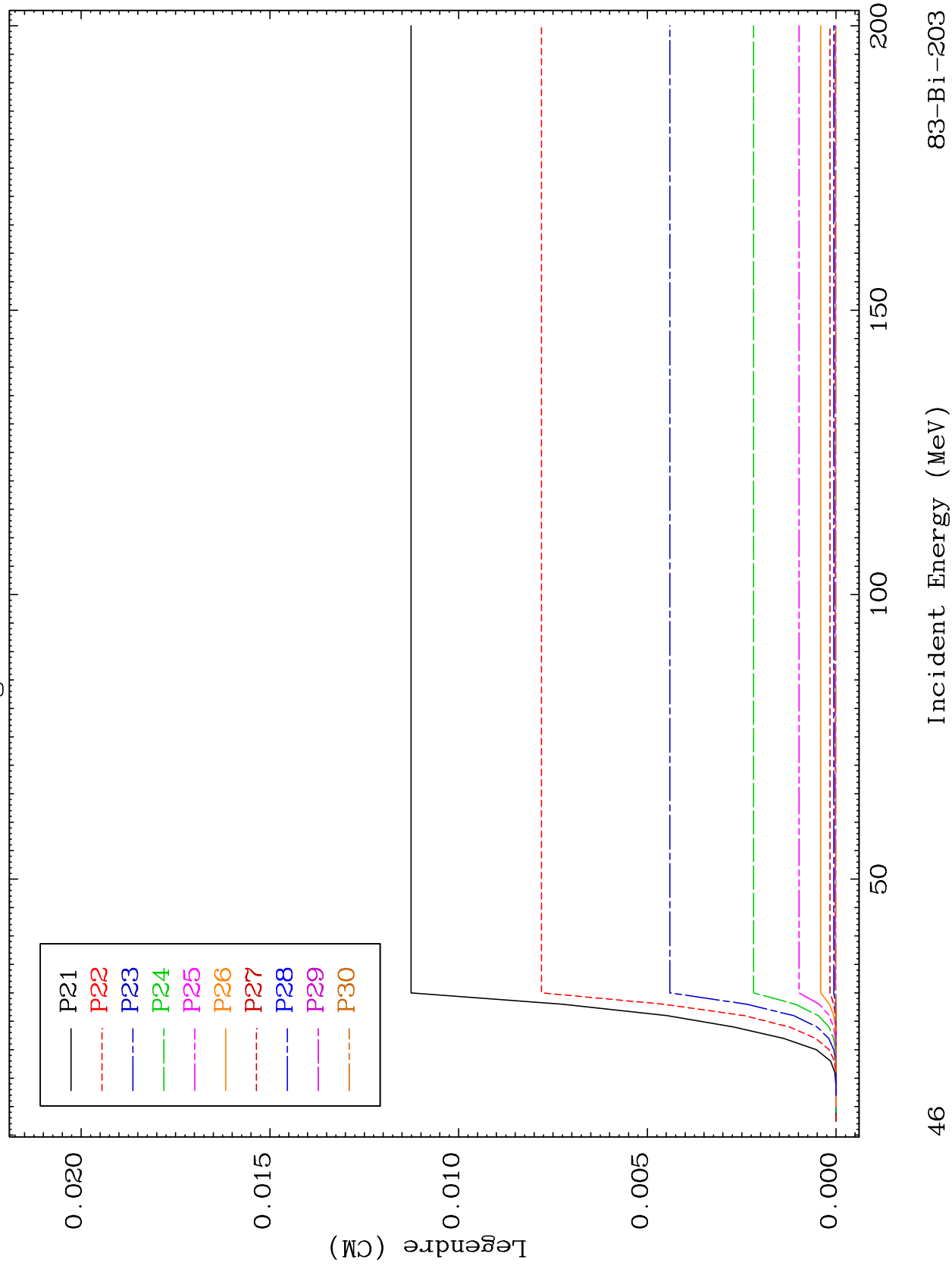


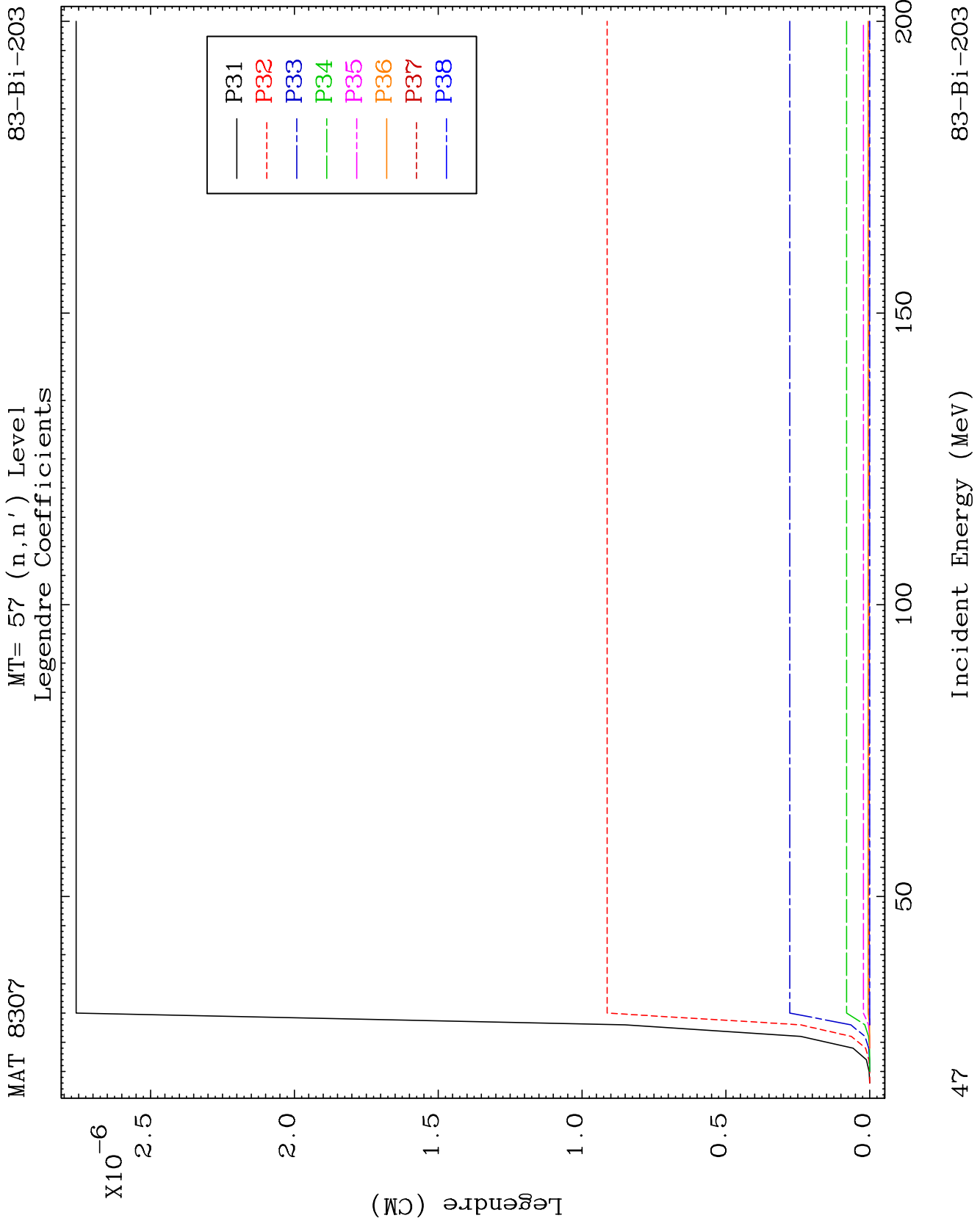


MAT 8307

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

83-Bi-203

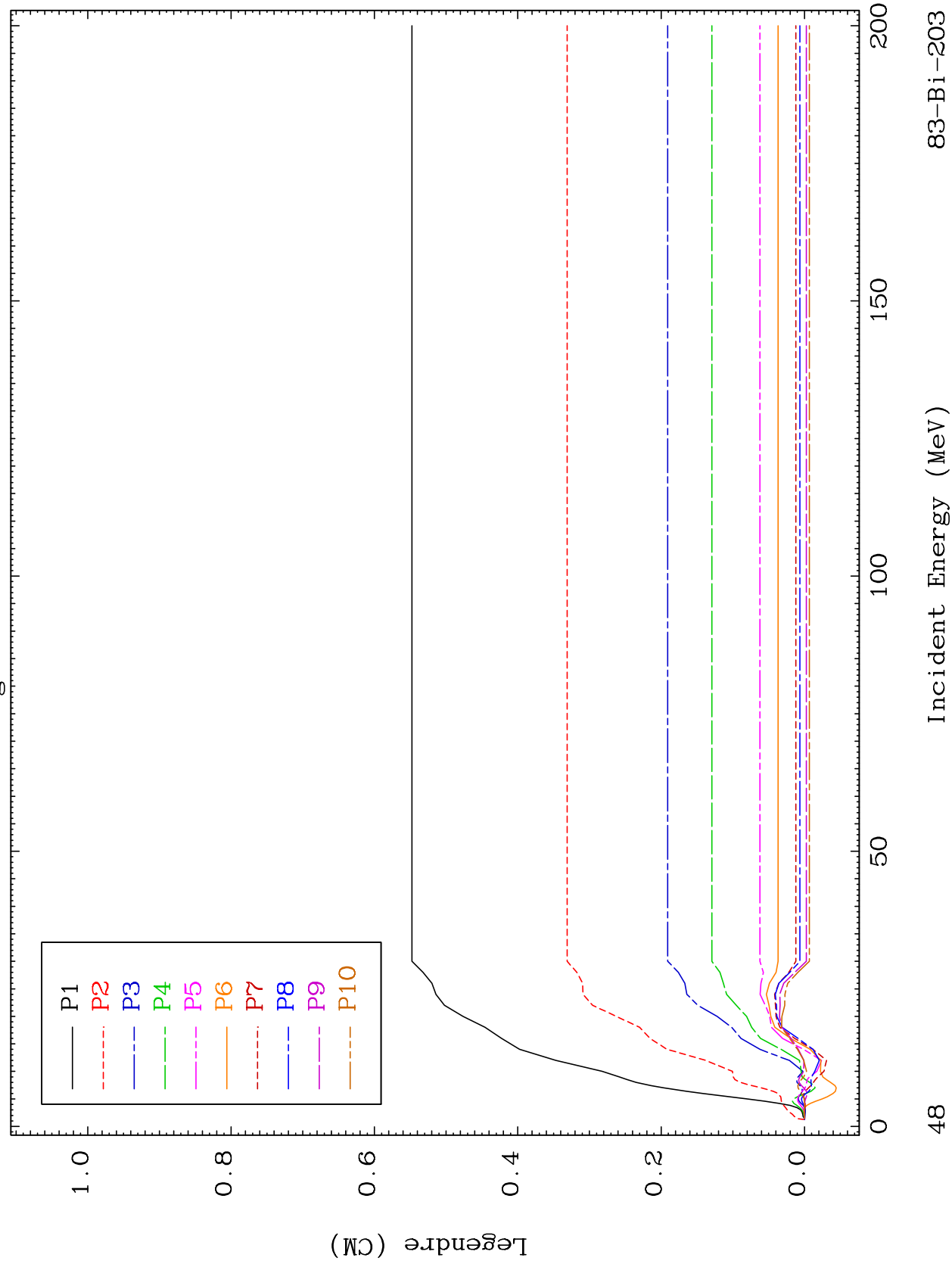




MAT 8307

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

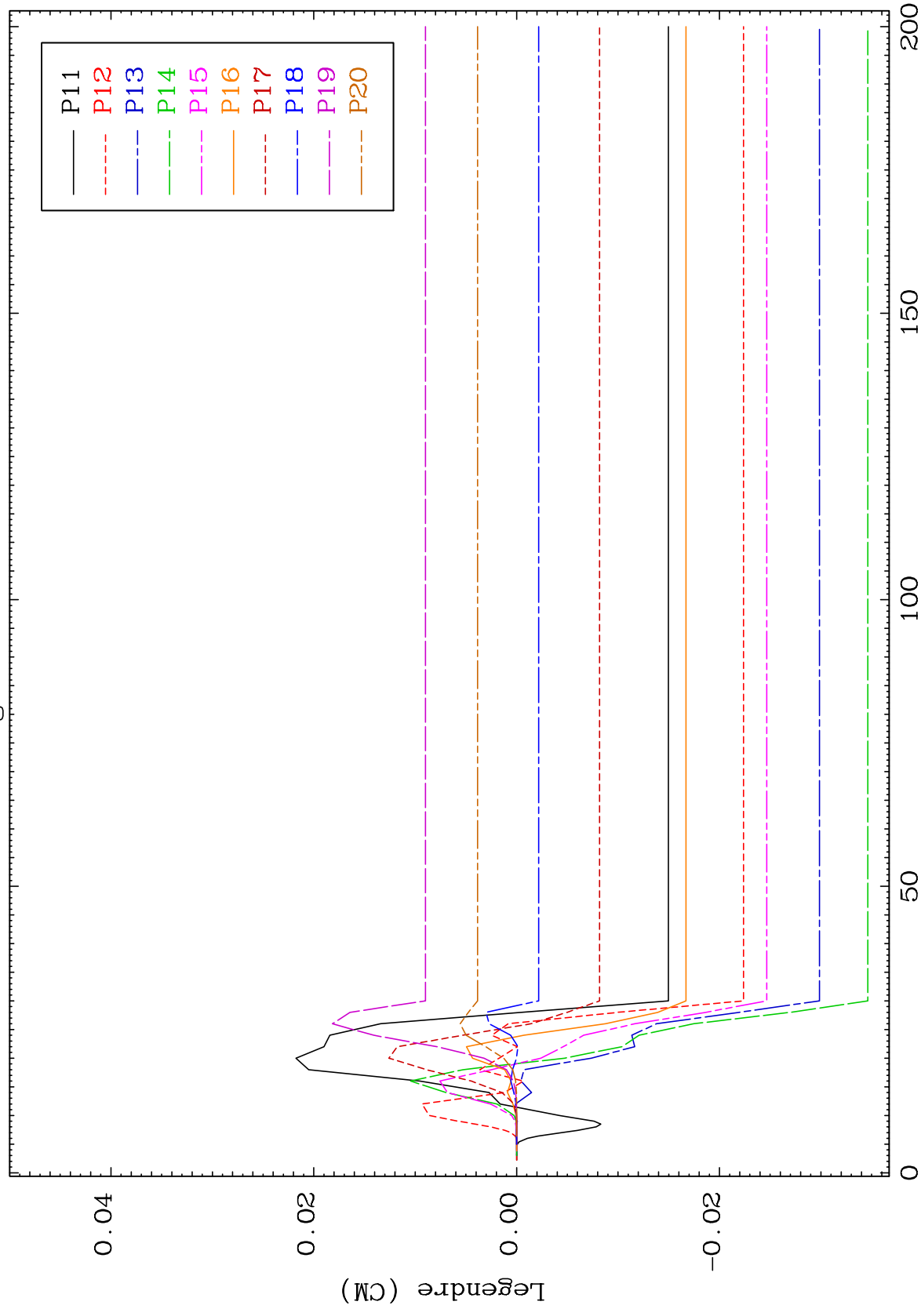
83-Bi-203



MAT 8307

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

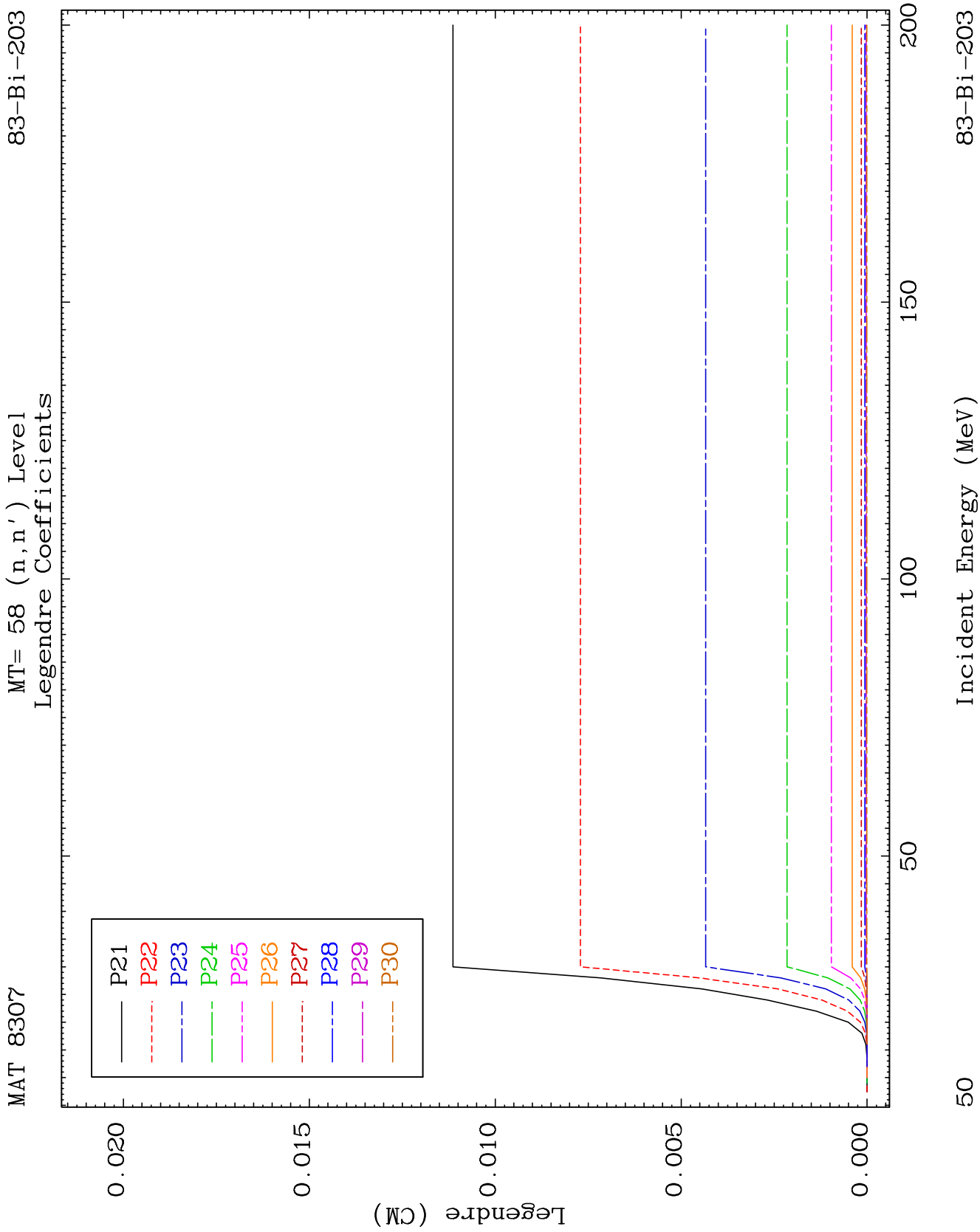
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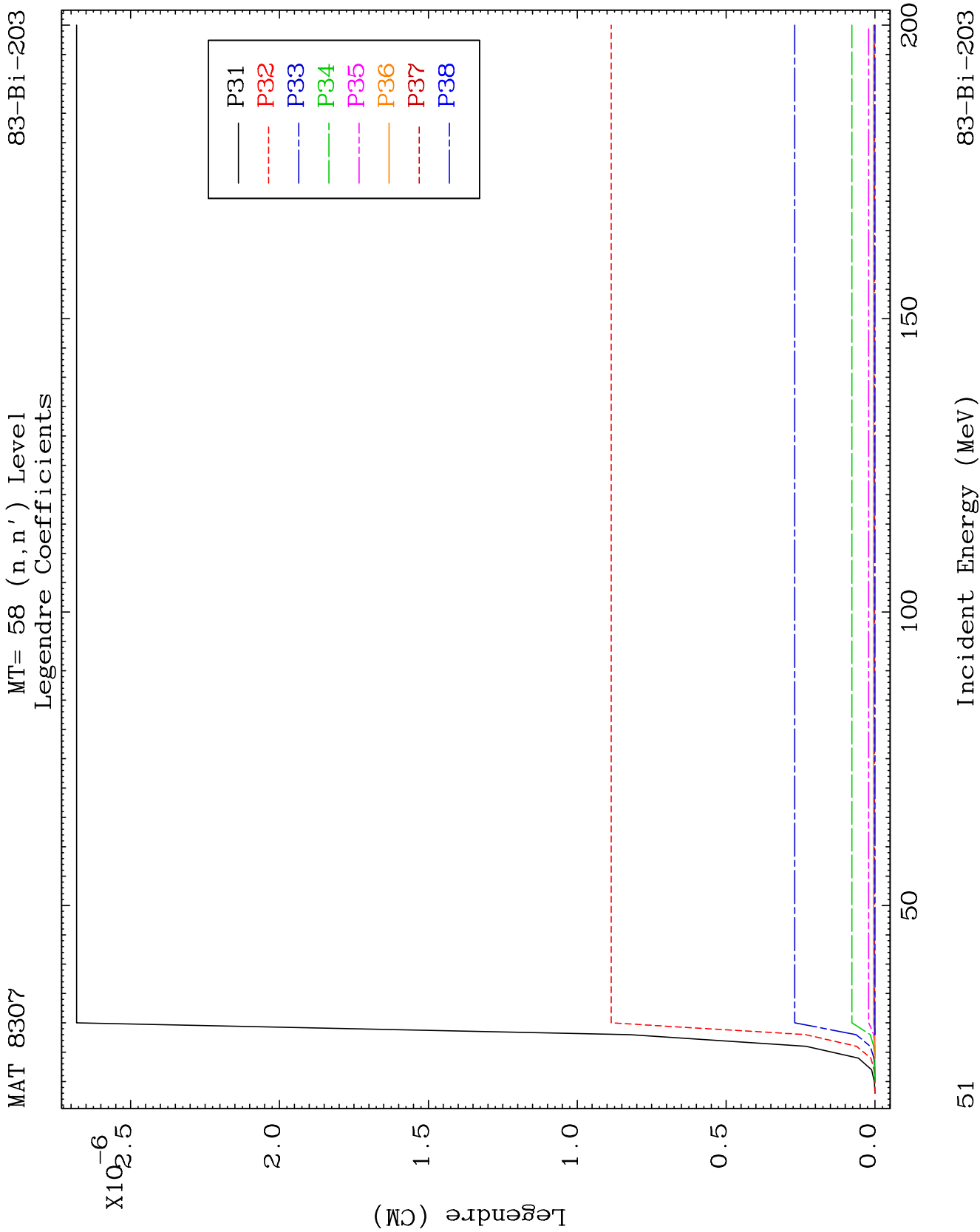


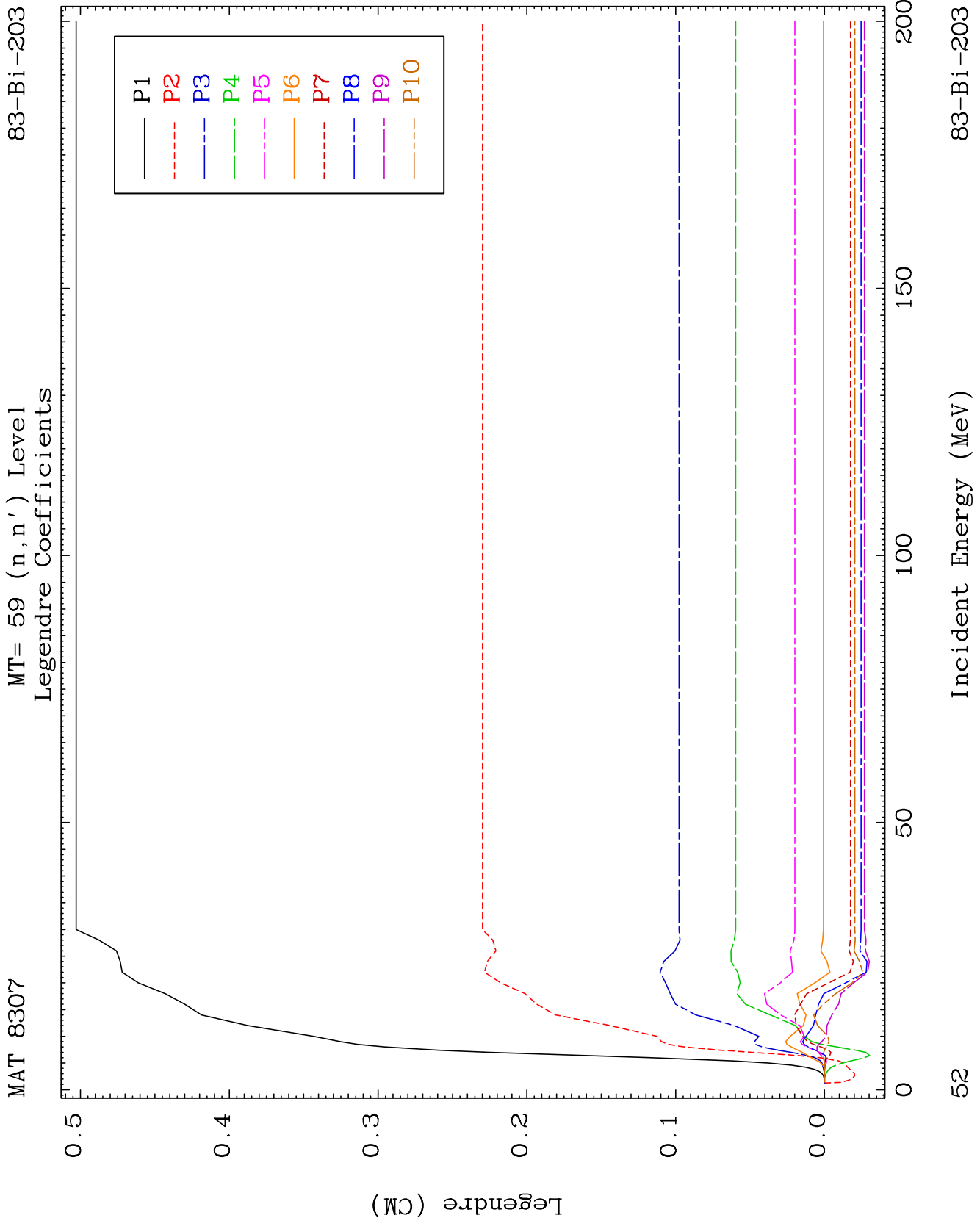
49

Incident Energy (MeV)

83-Bi-203



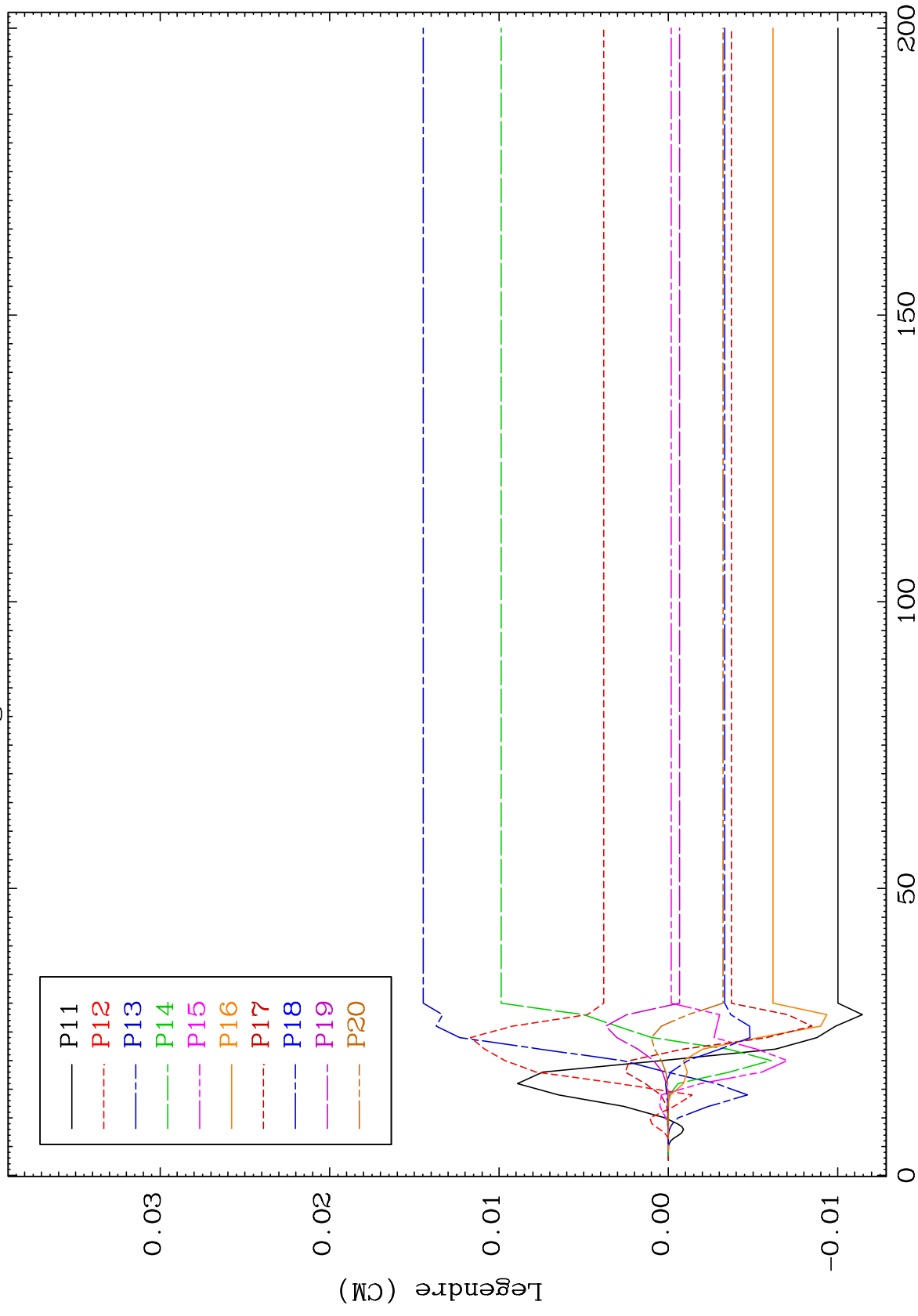




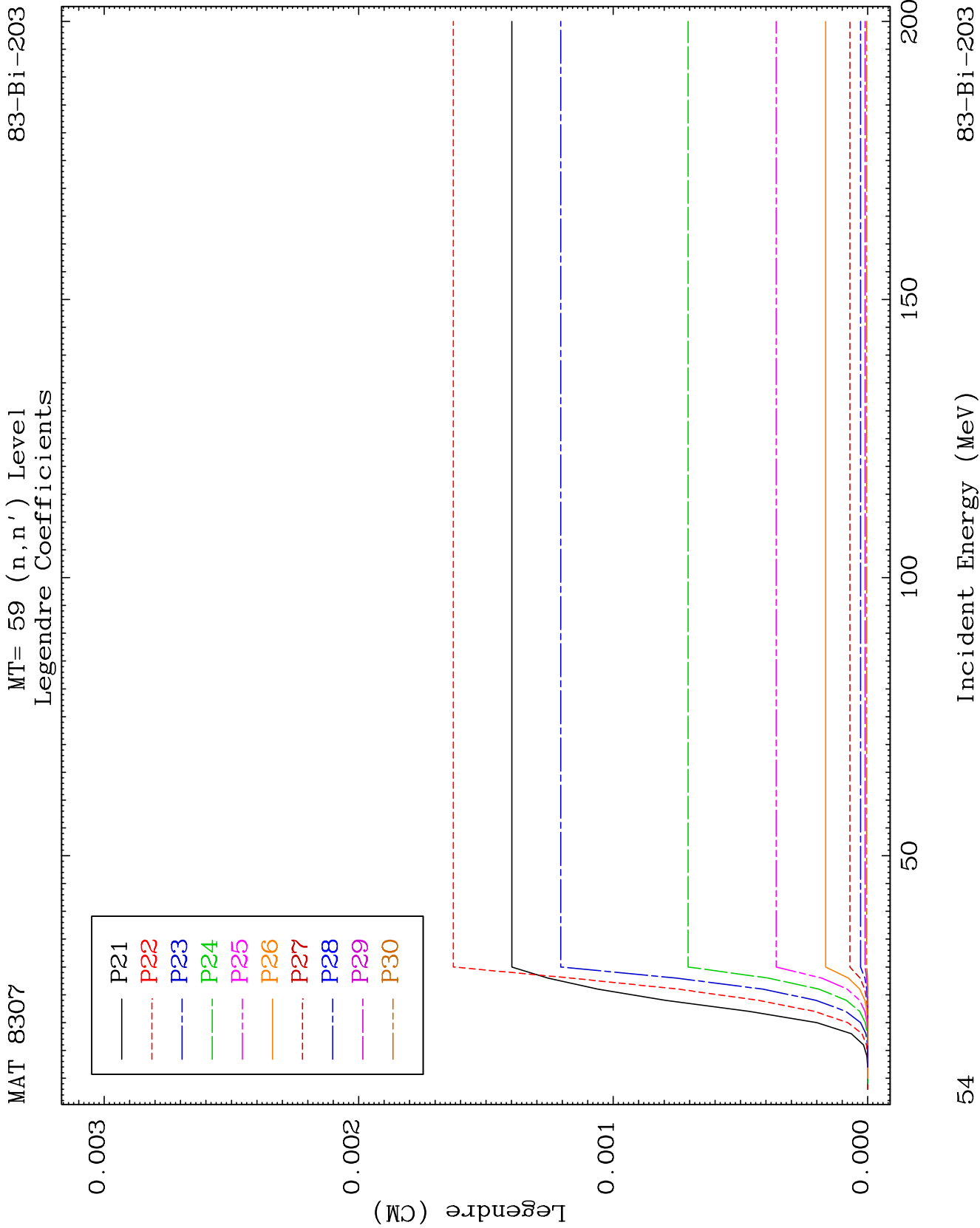
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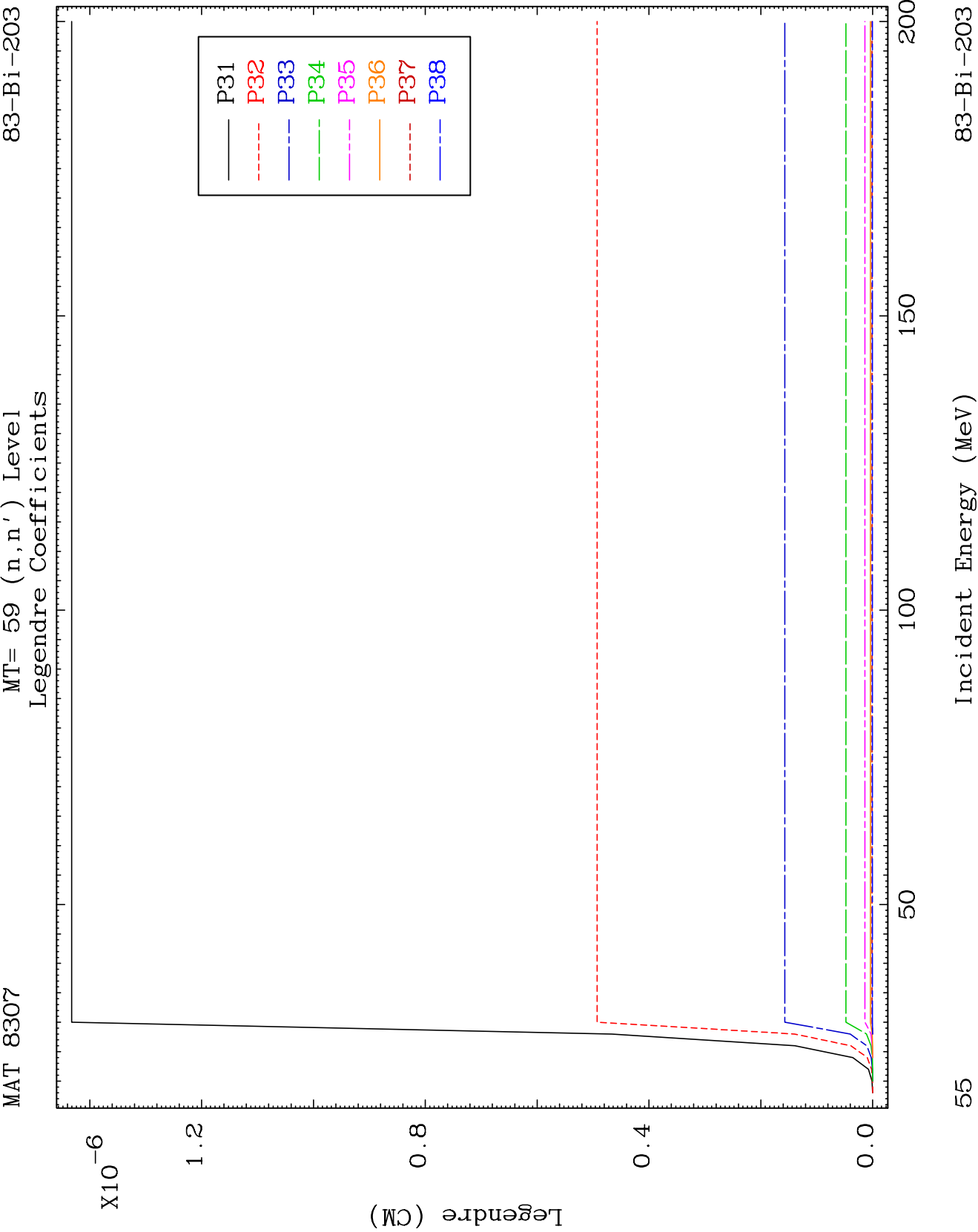
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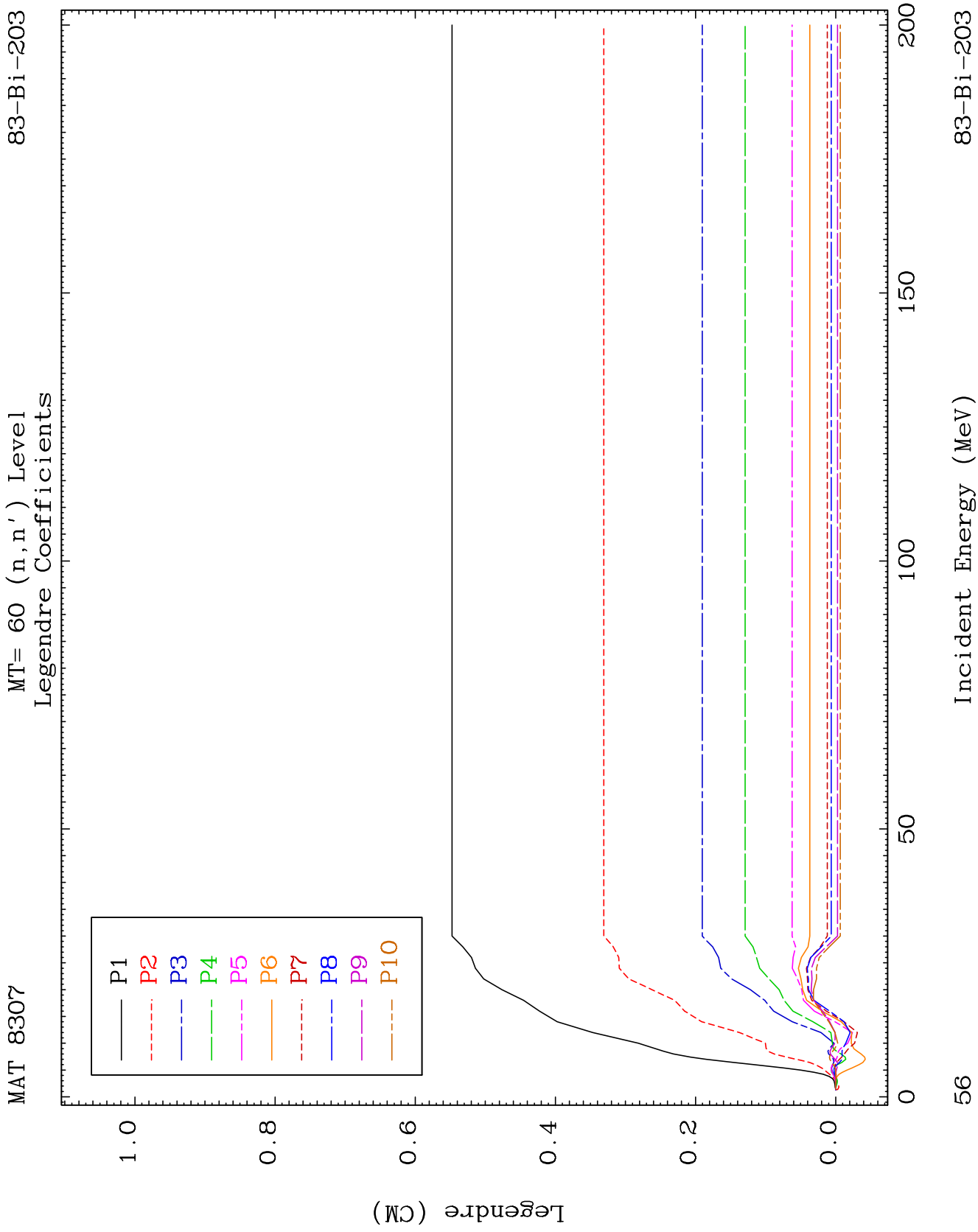
MT= 59 (n, n') Level
Legendre Coefficients



83-Bi-203



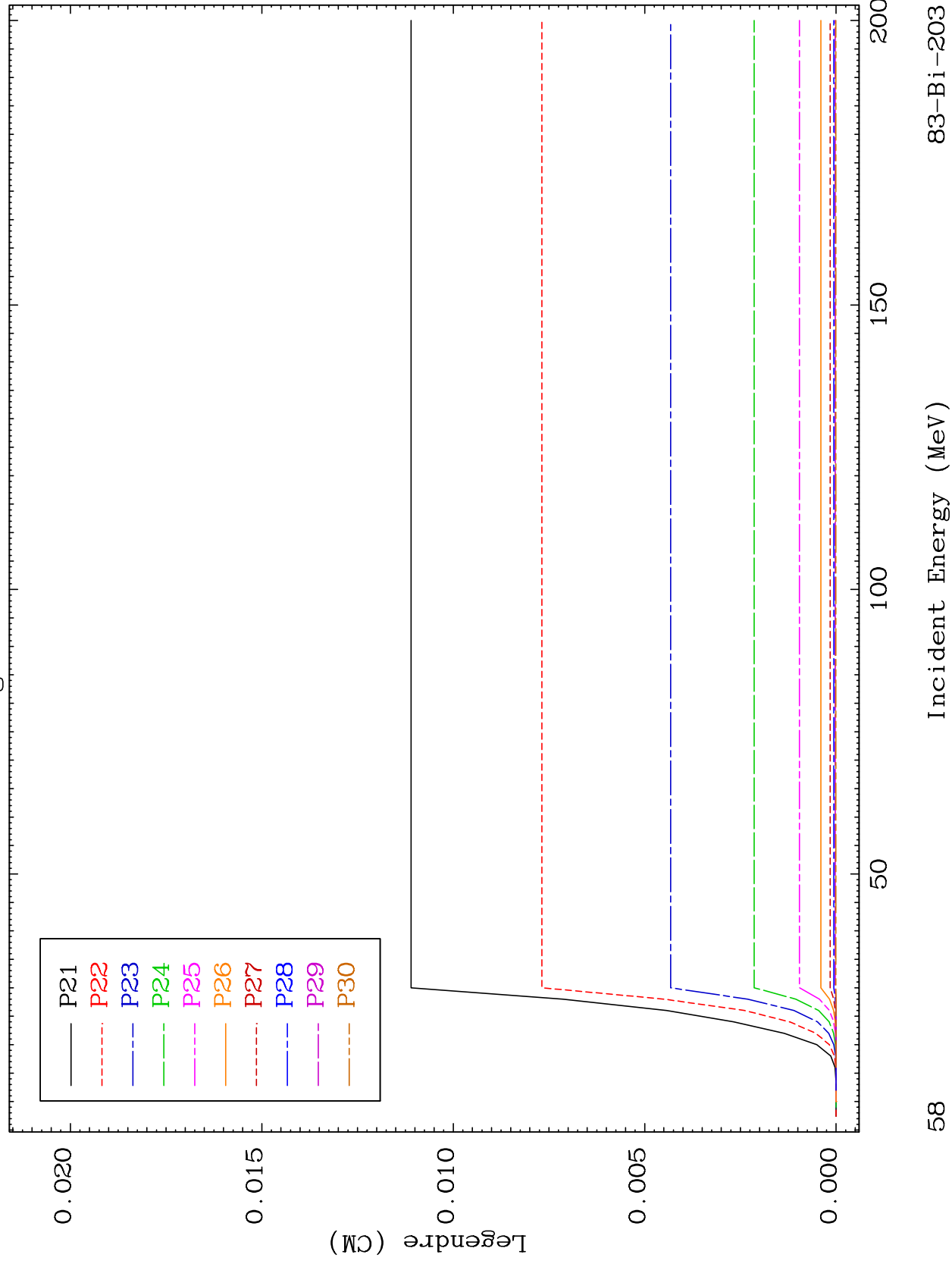




MAT 8307

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

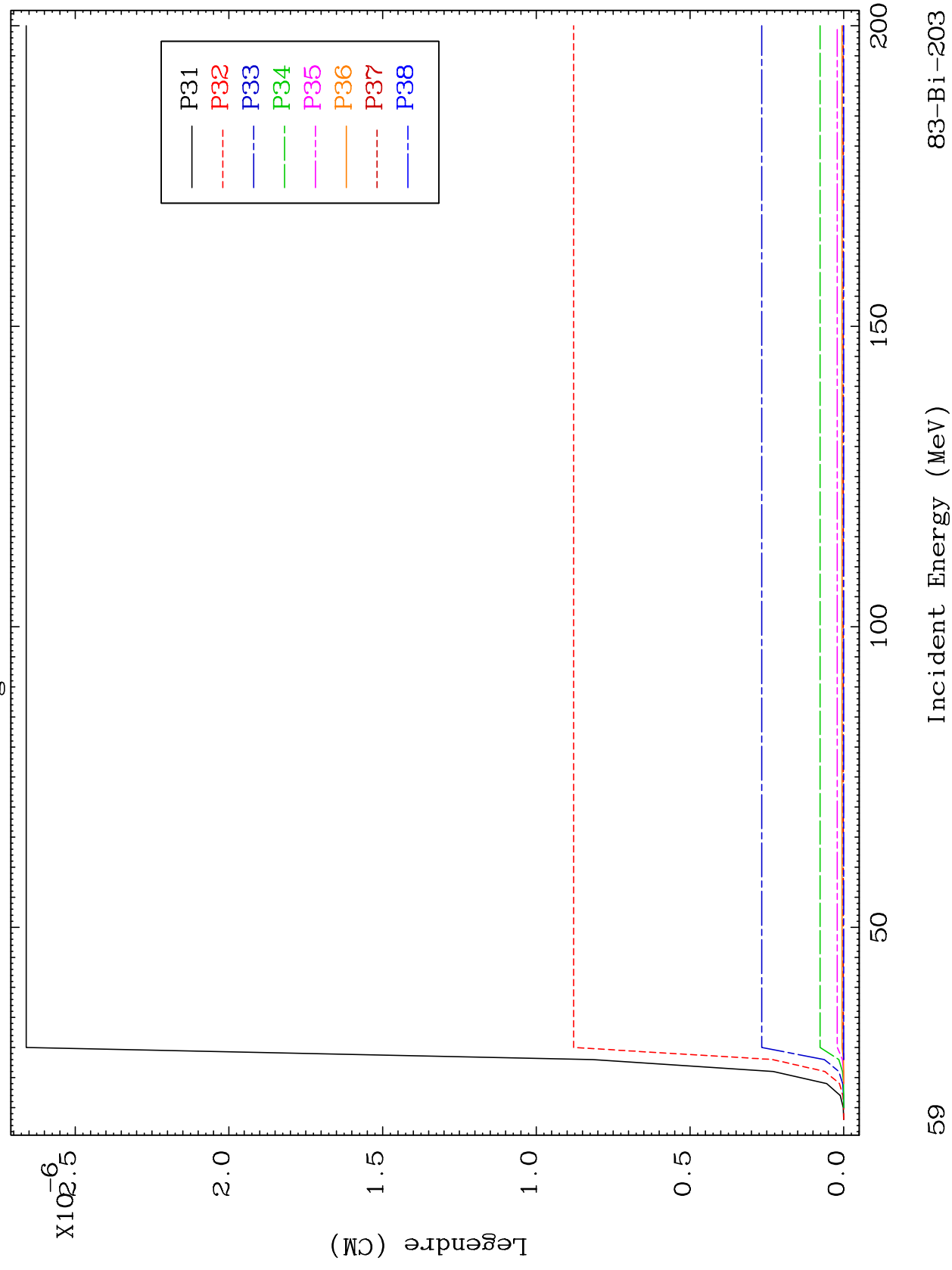
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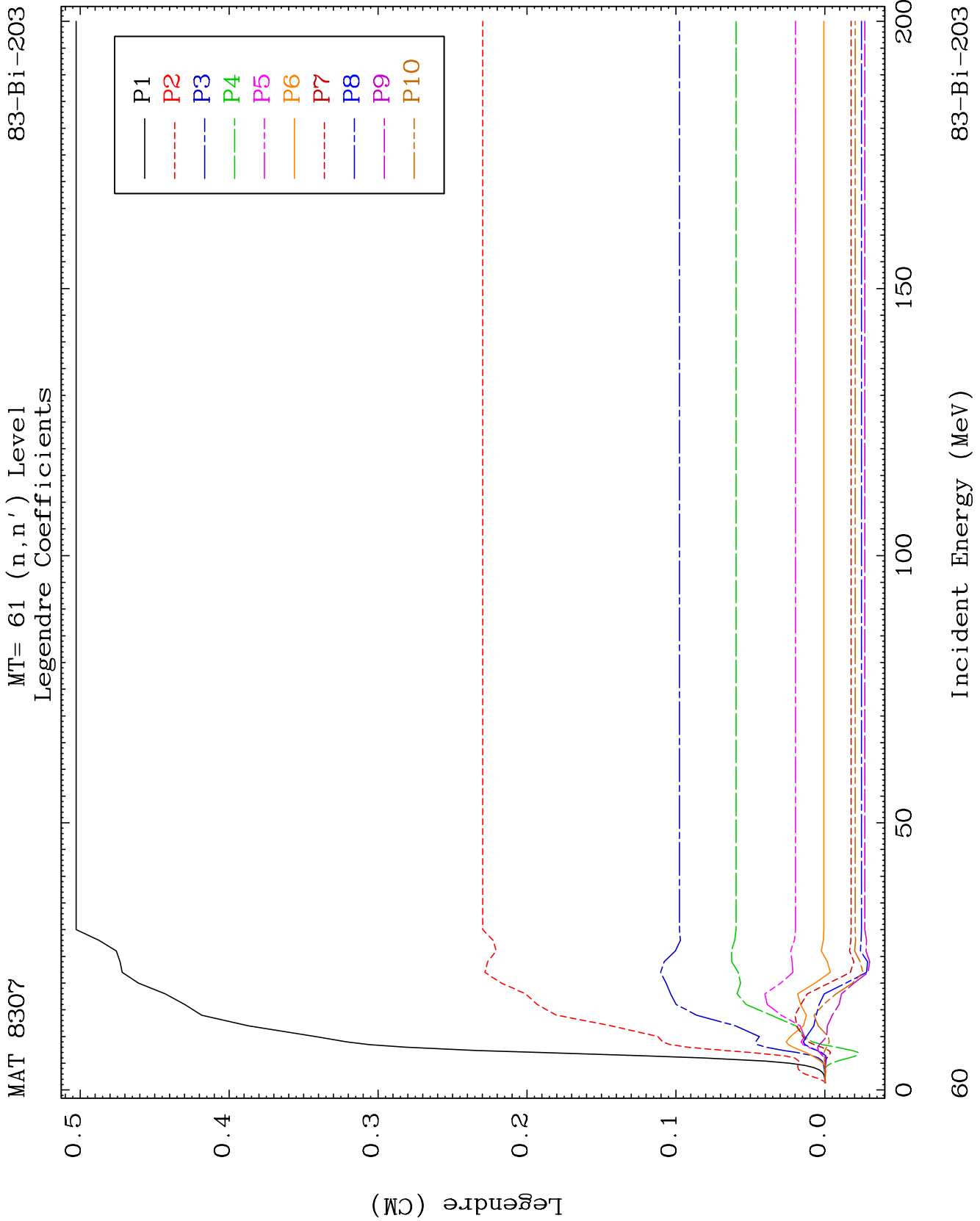


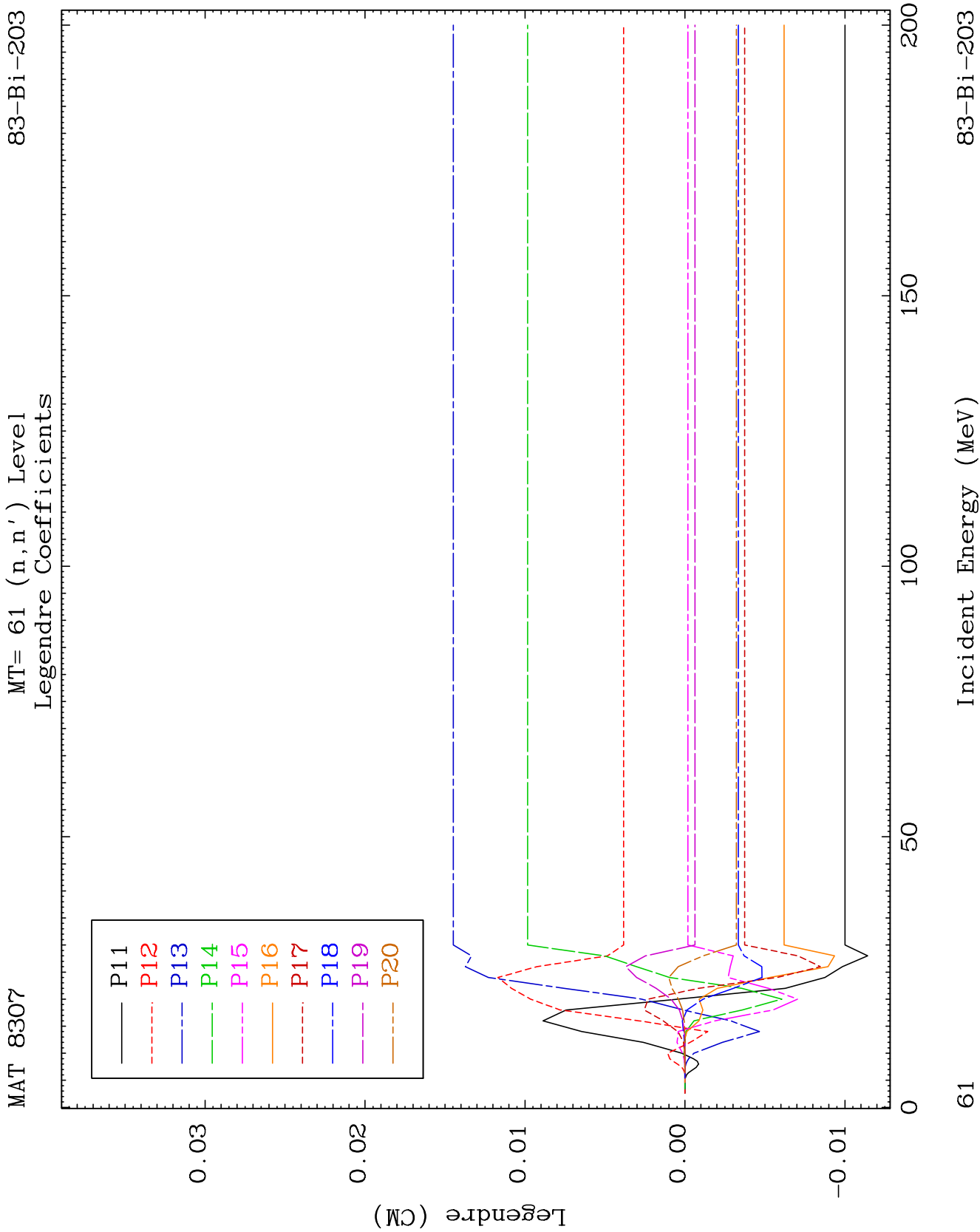
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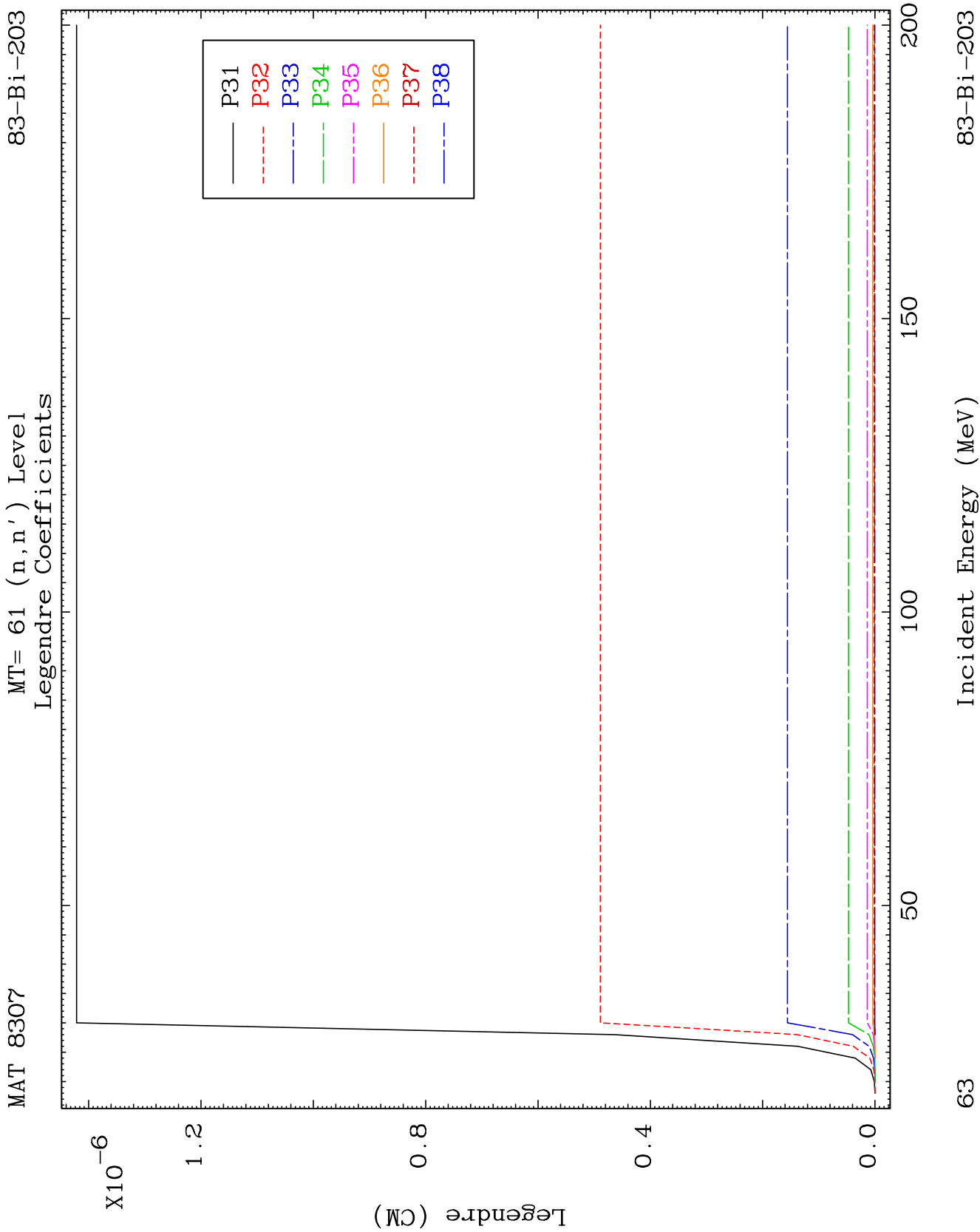
MT= 60 (n, n') Level
Legendre Coefficients

83-Bi-203





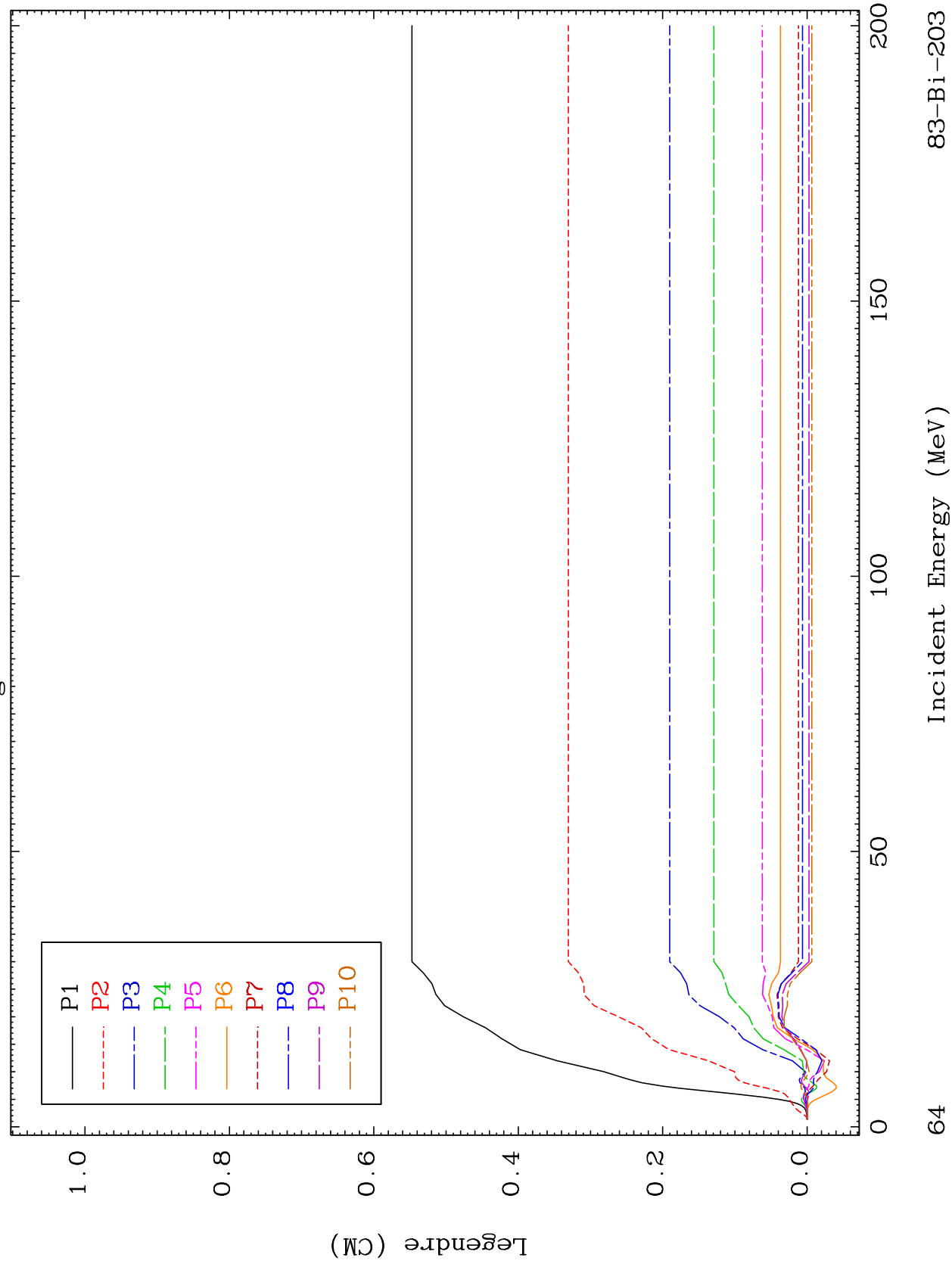


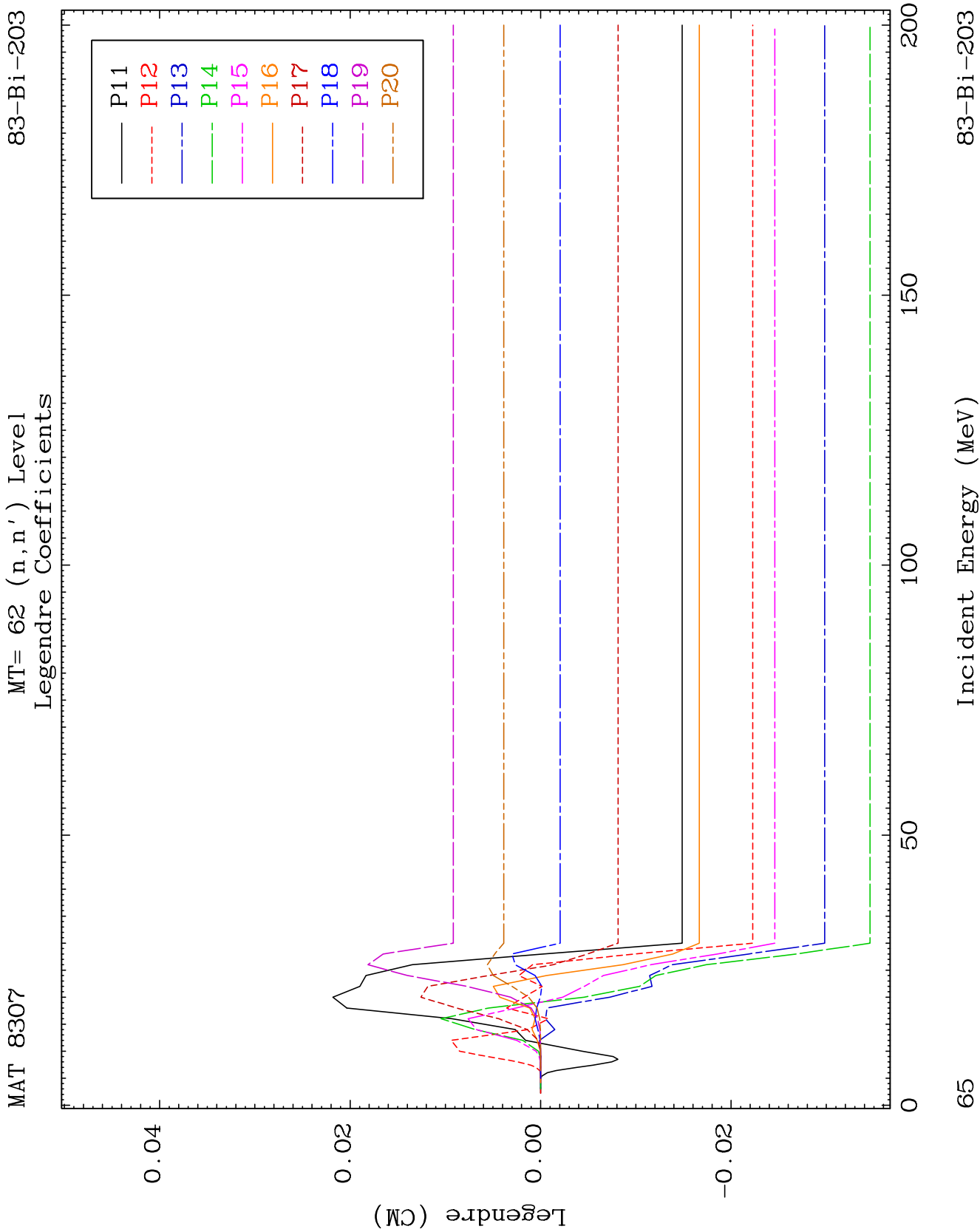


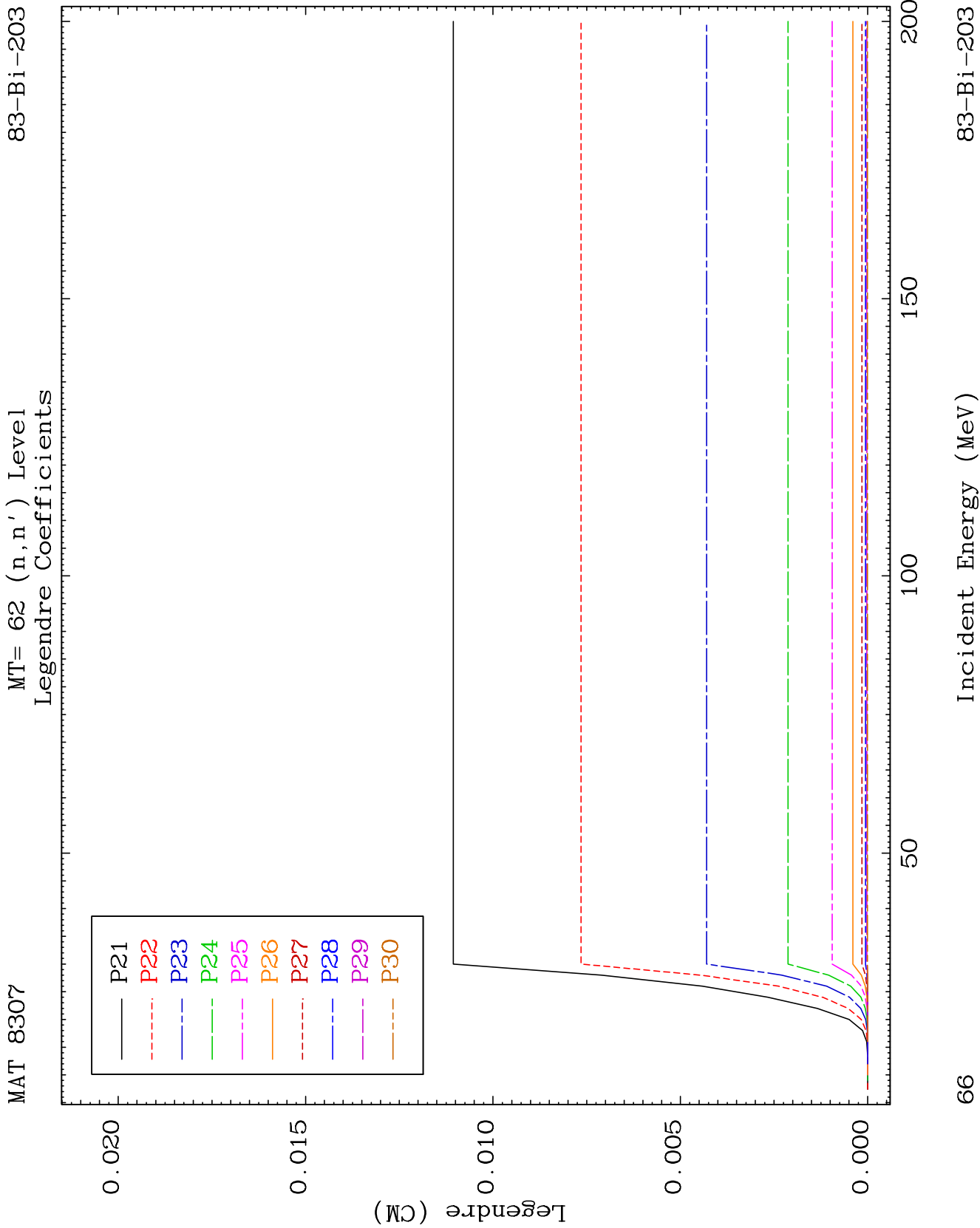
MAT 8307

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

83-Bi-203



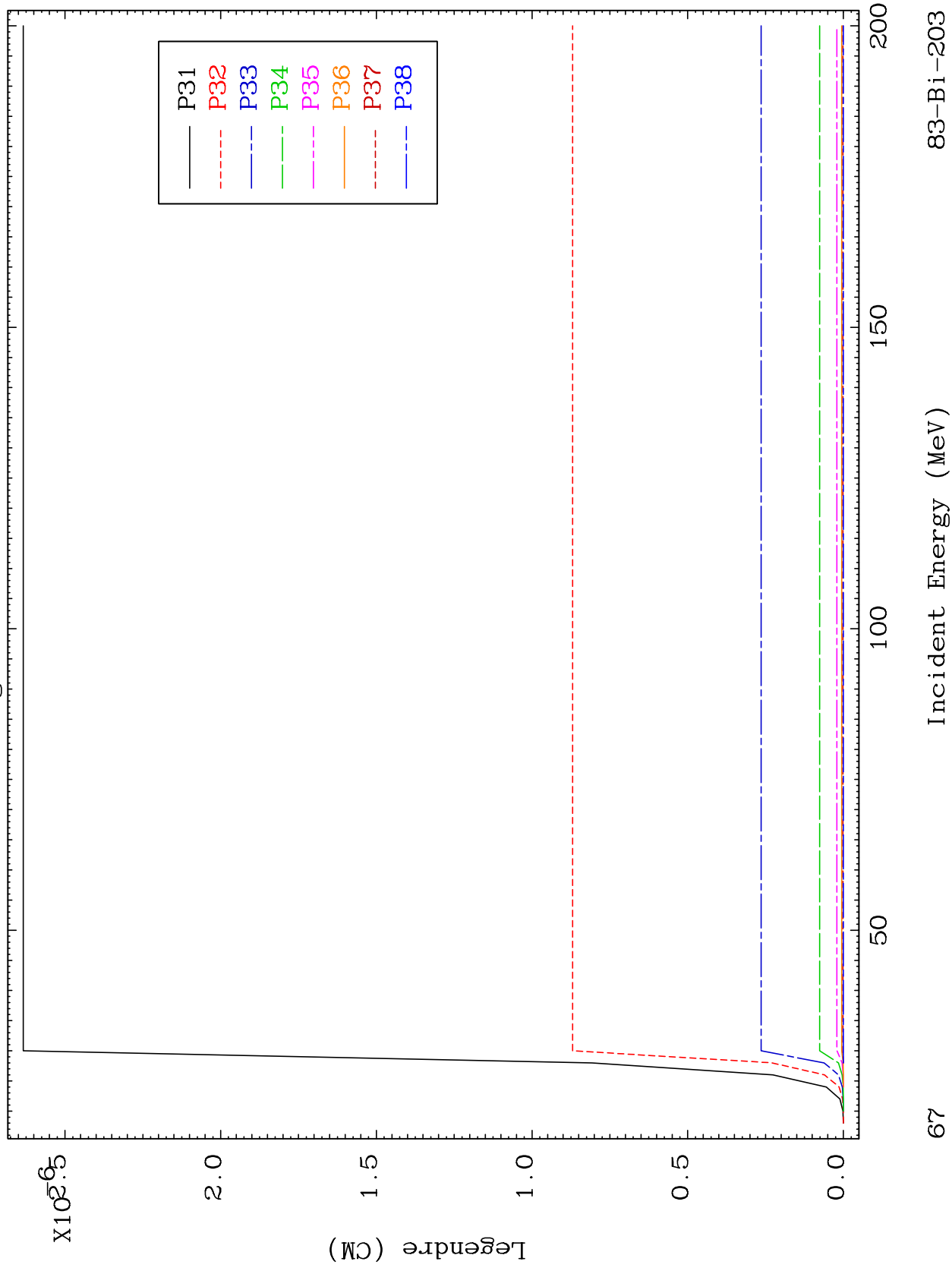


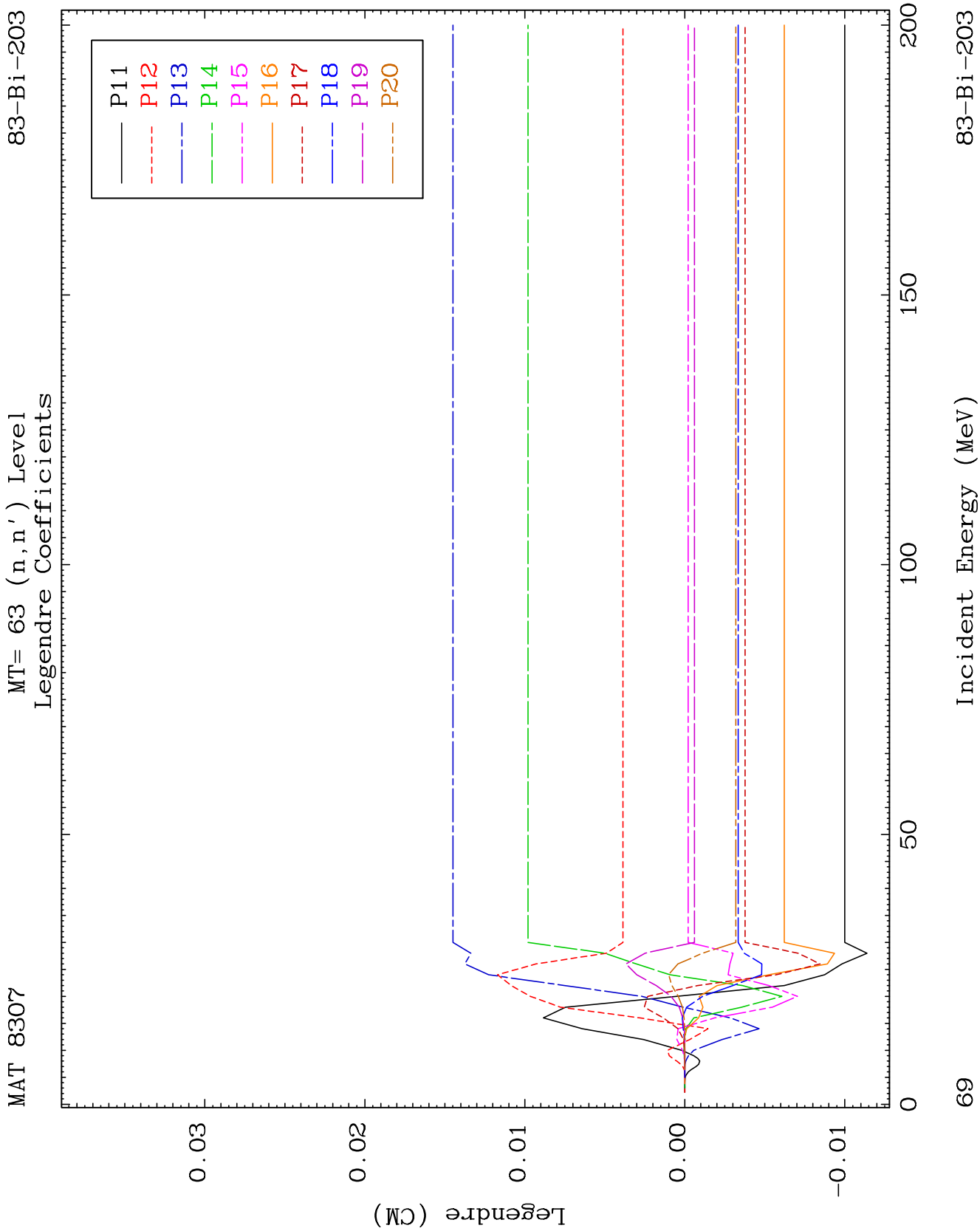


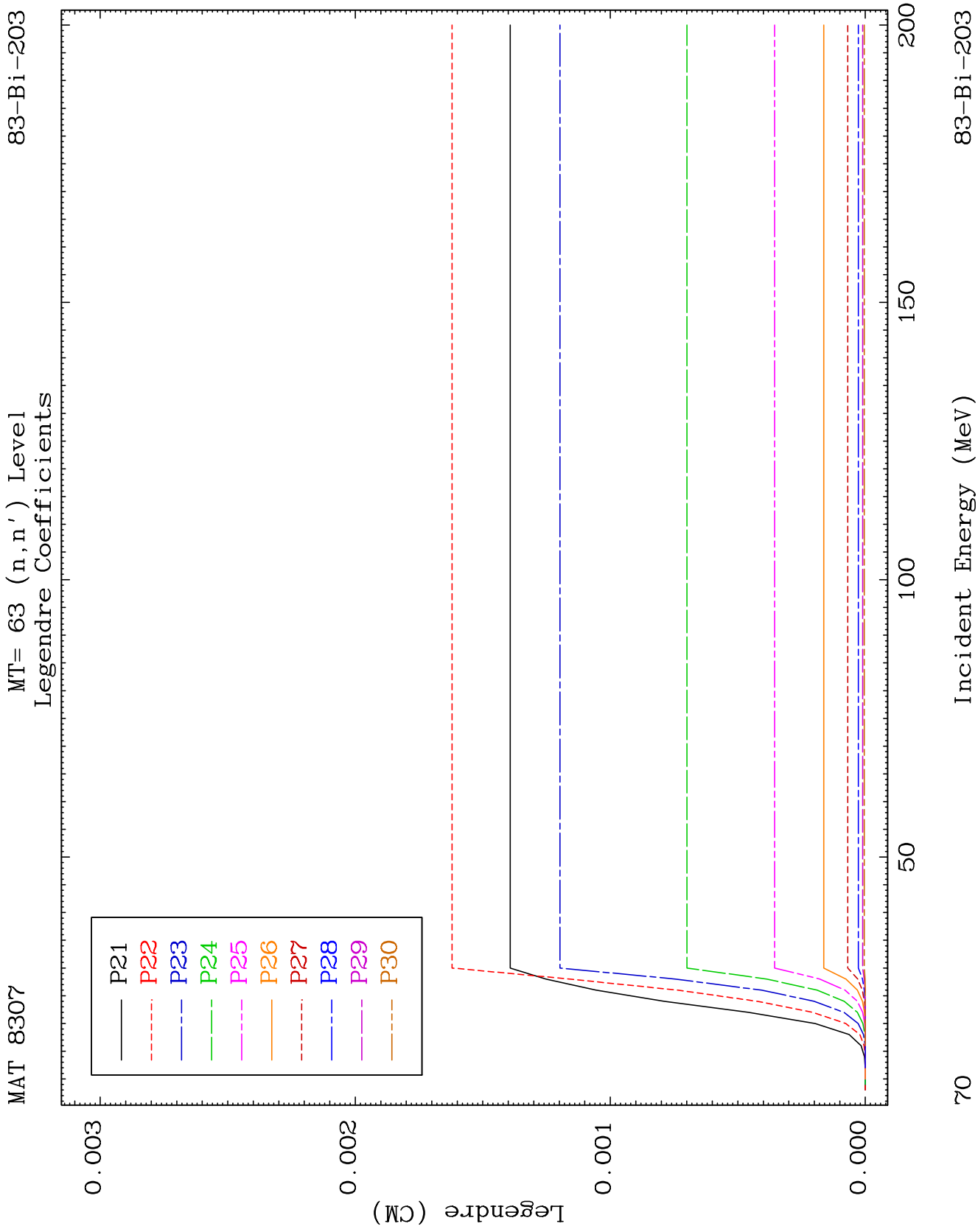
MAT 8307

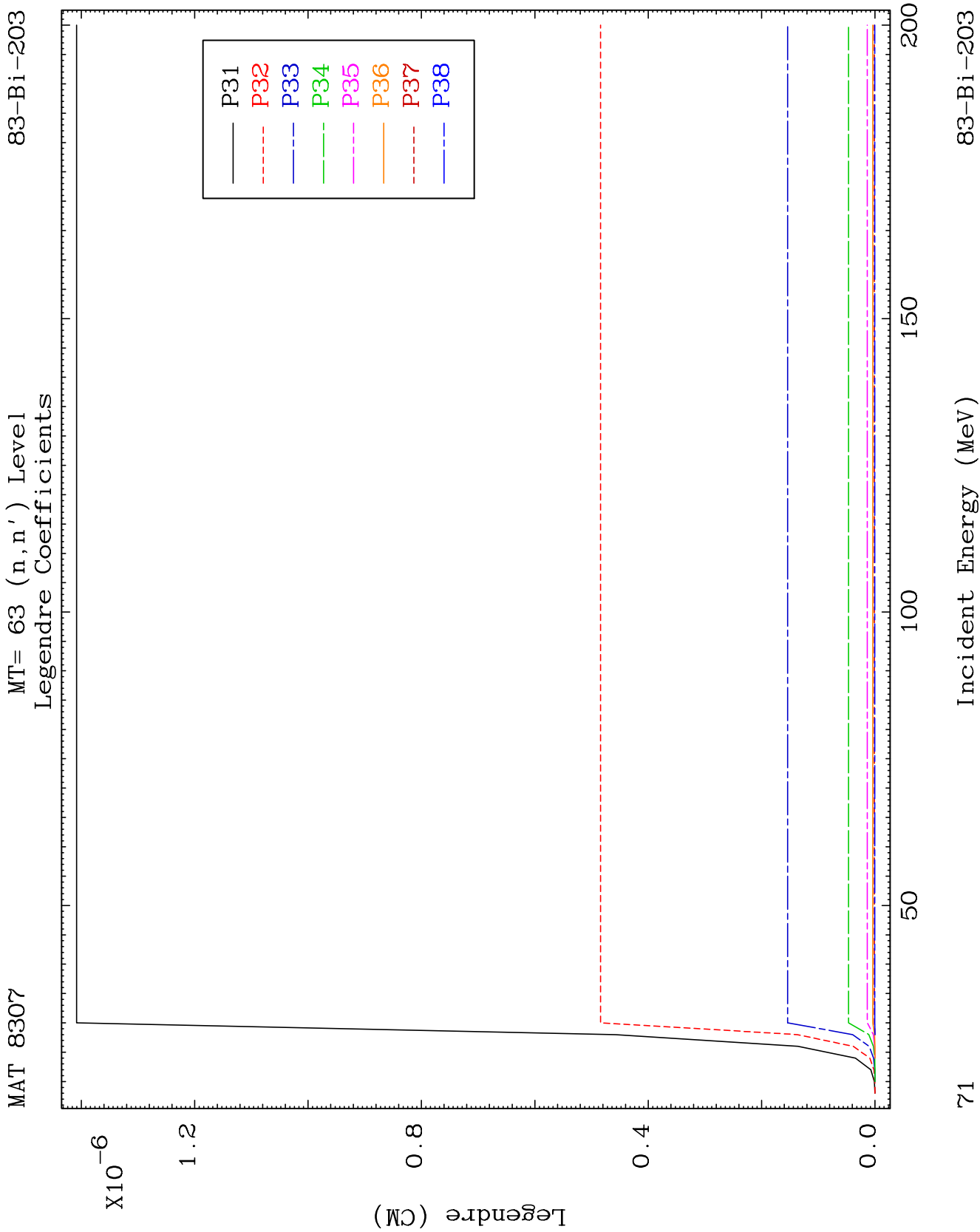
MT= 62 (n, n') Level
Legendre Coefficients

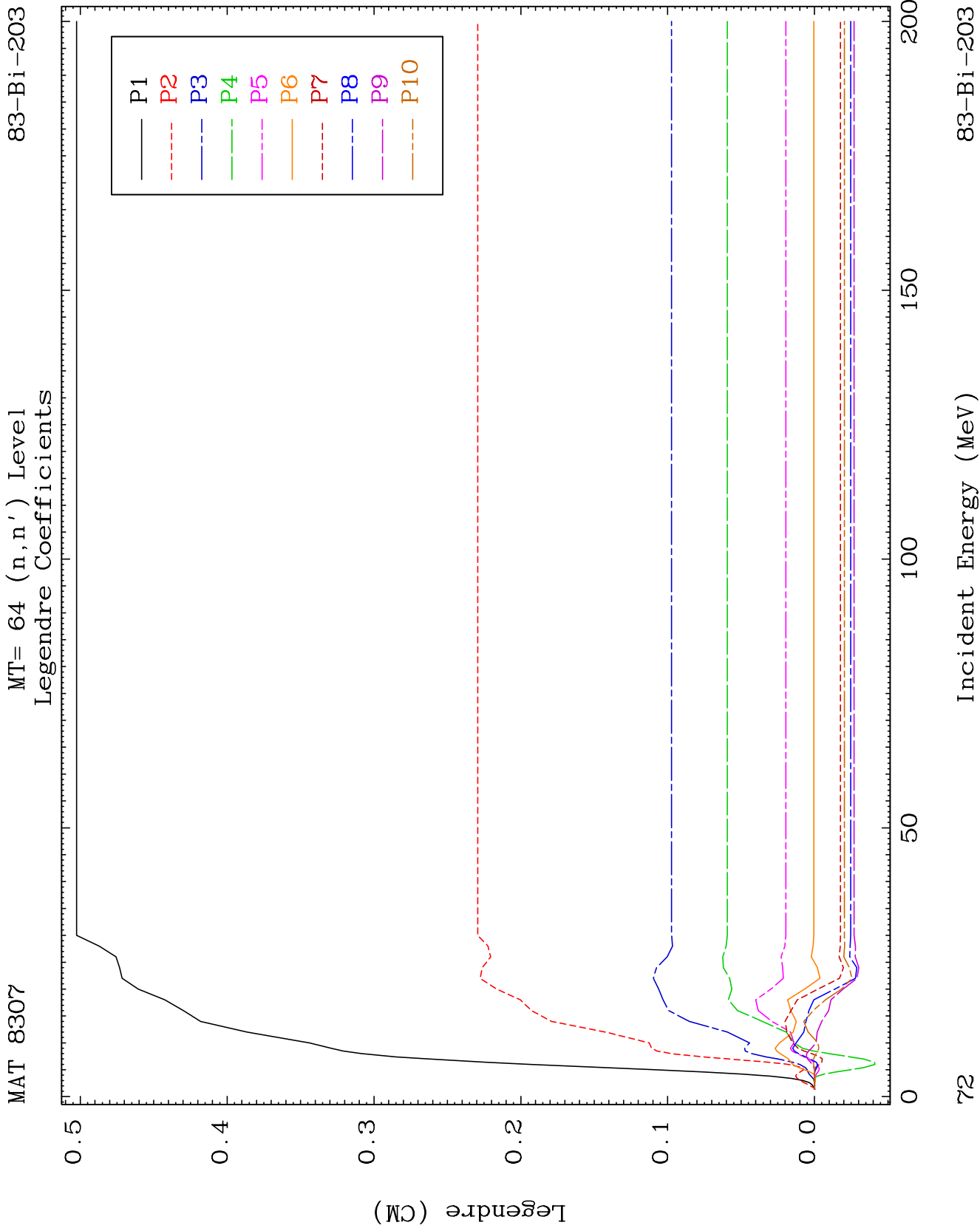
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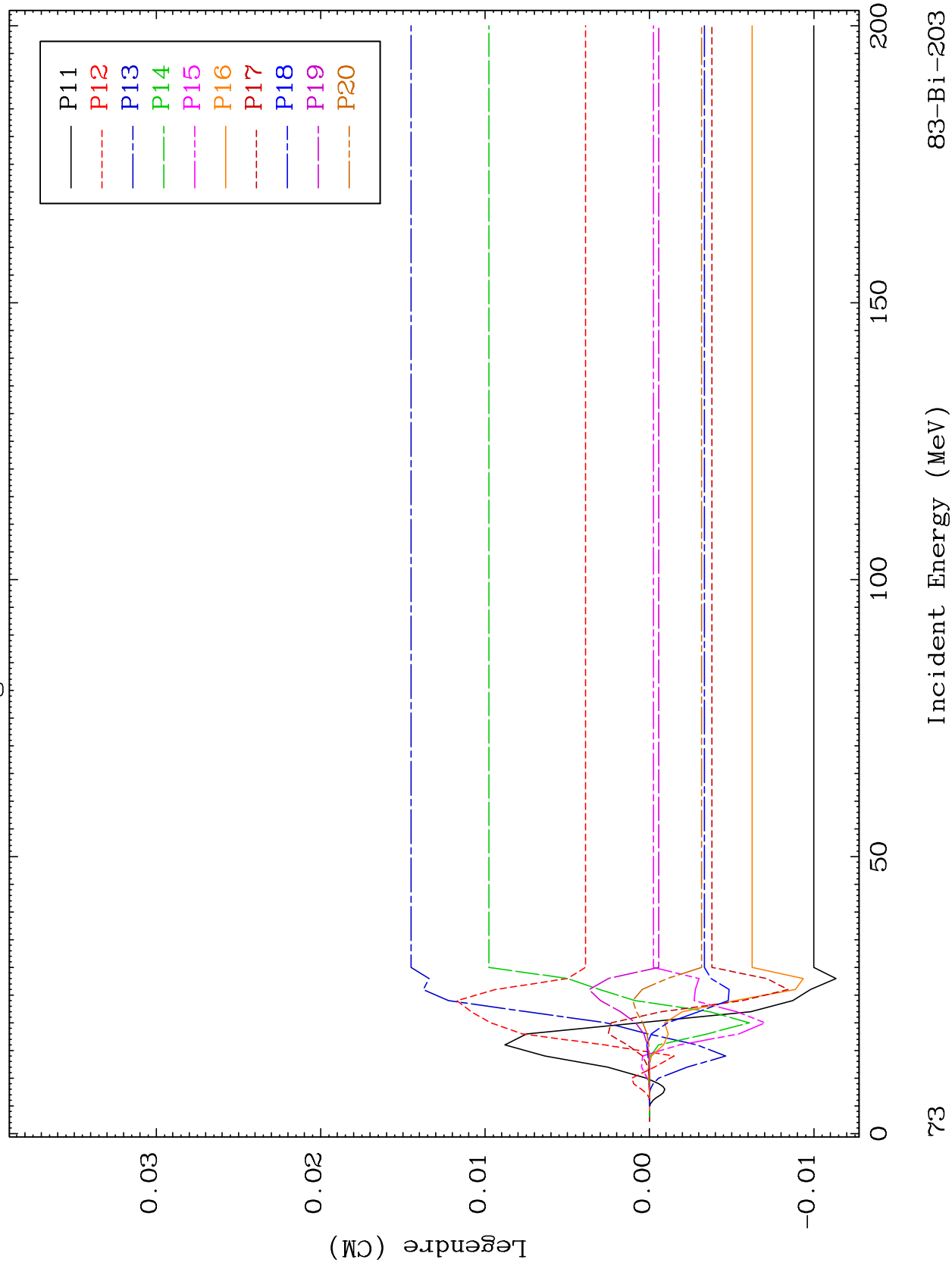




MAT 8307

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

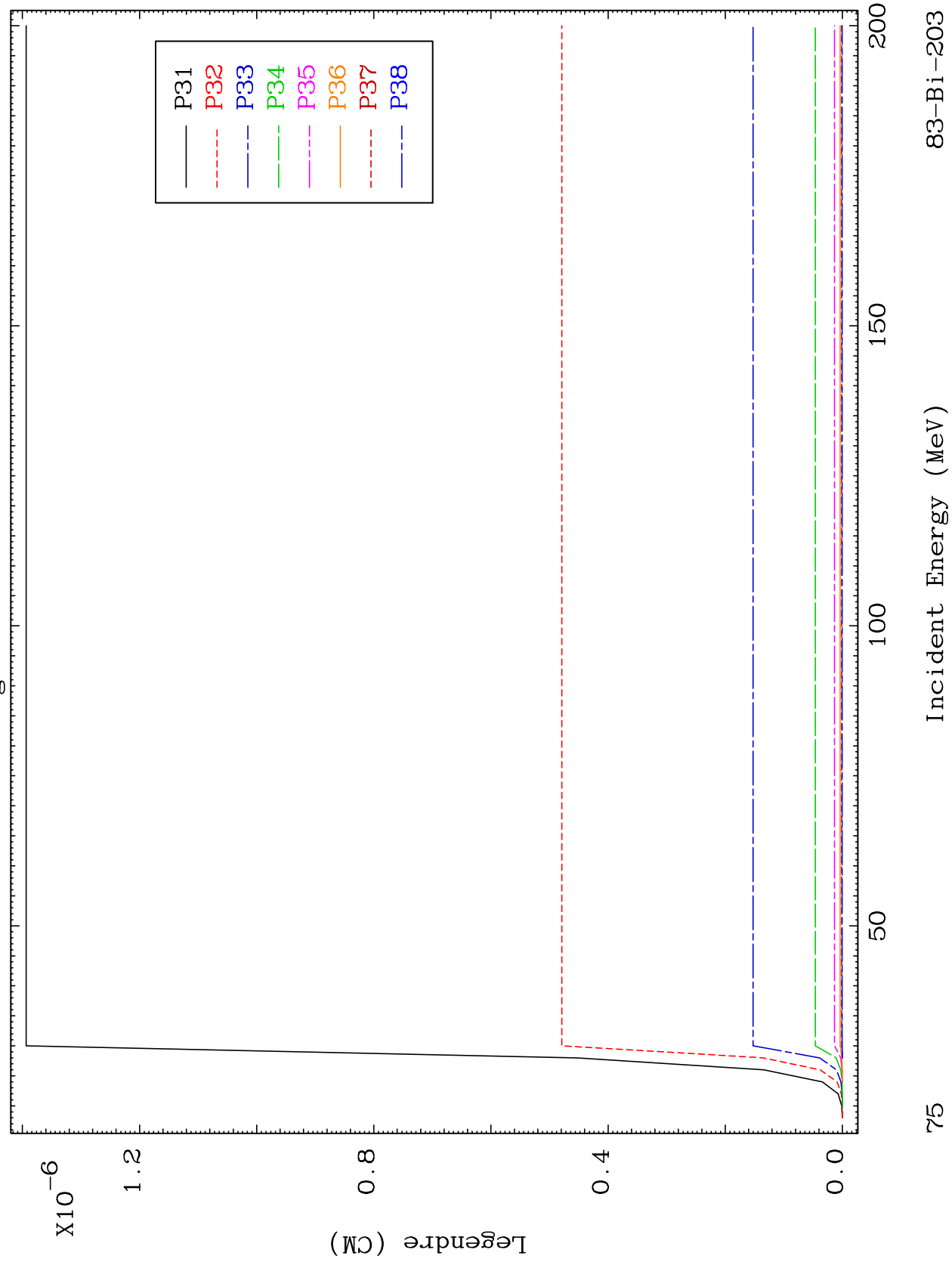
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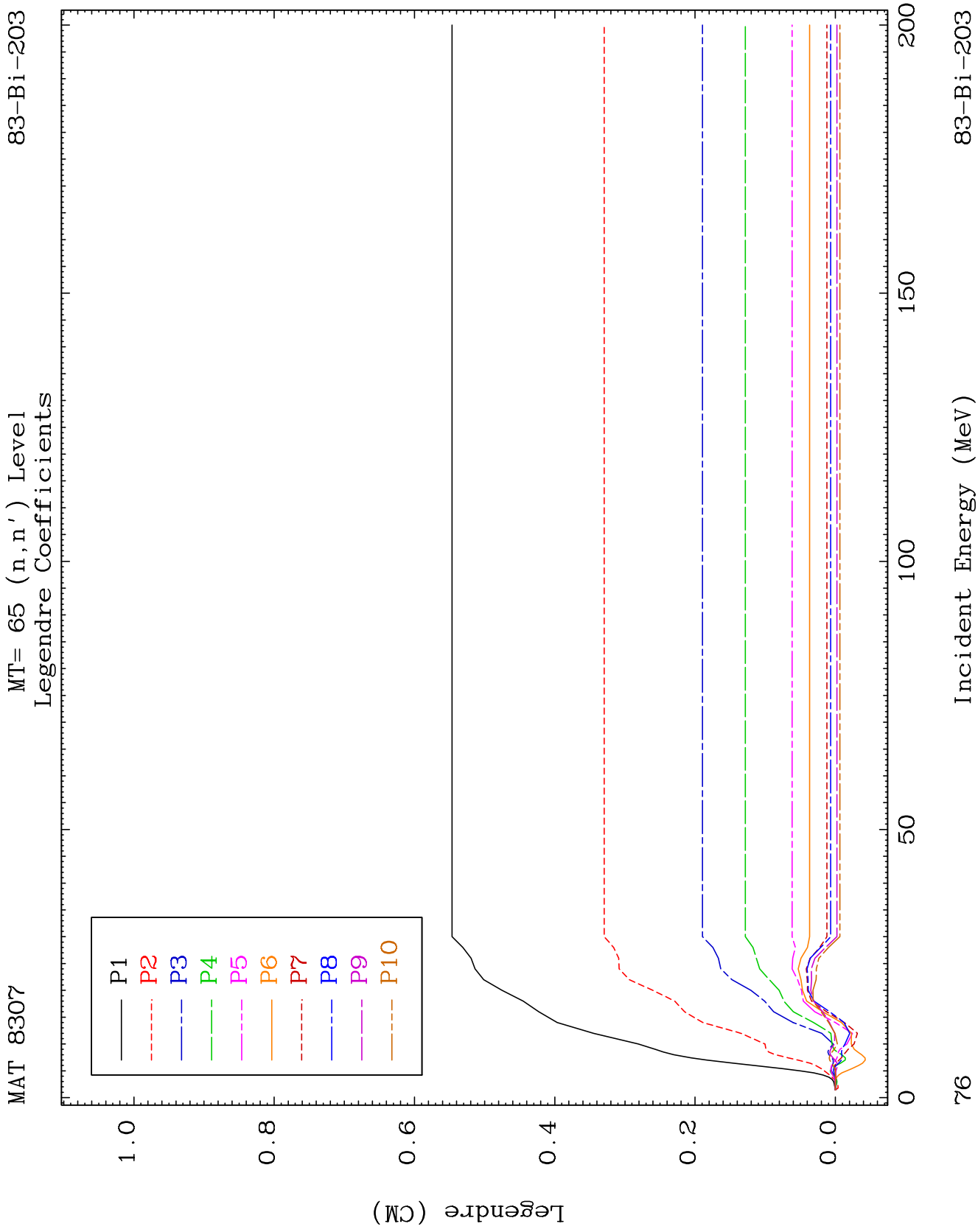


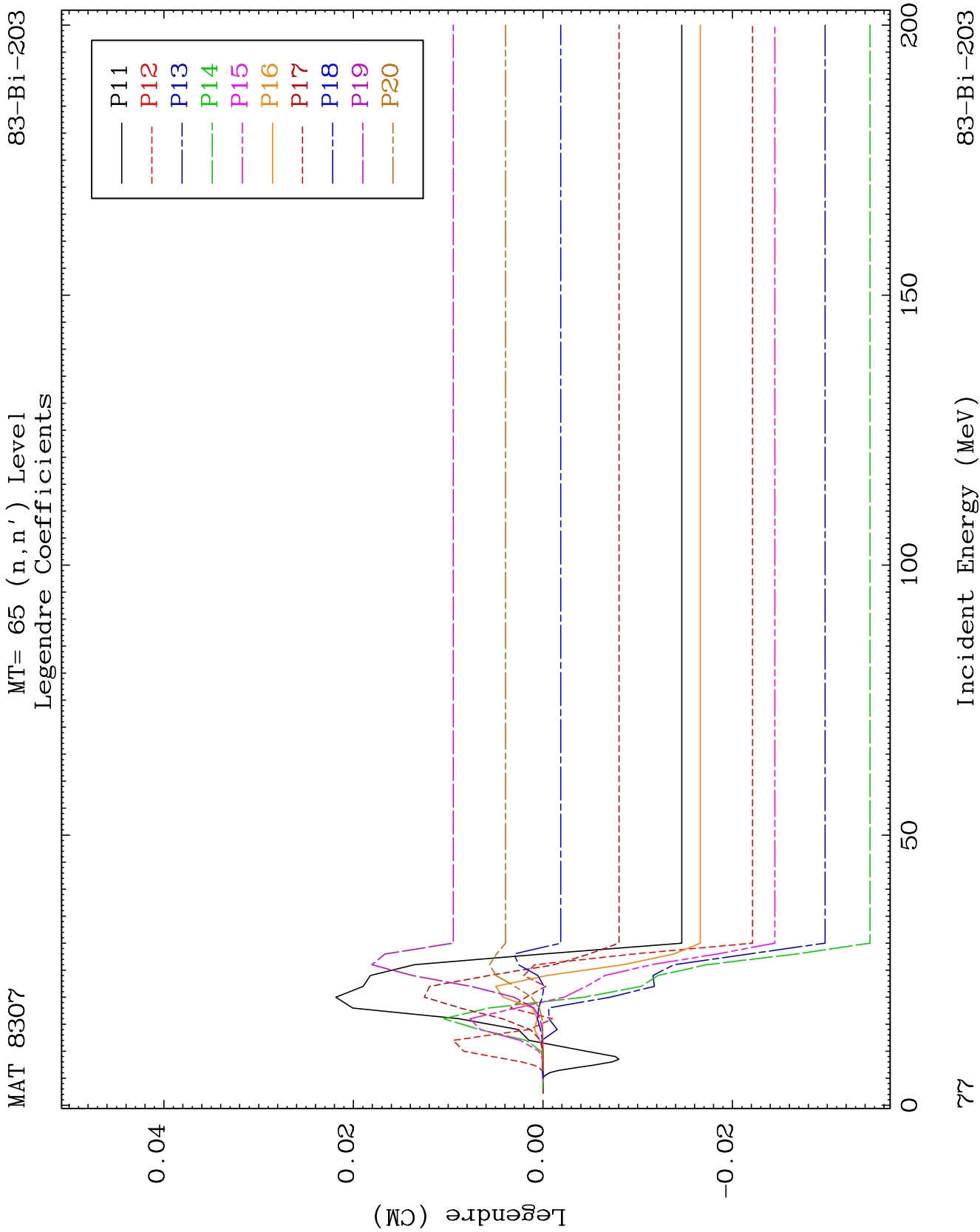
MAT 8307

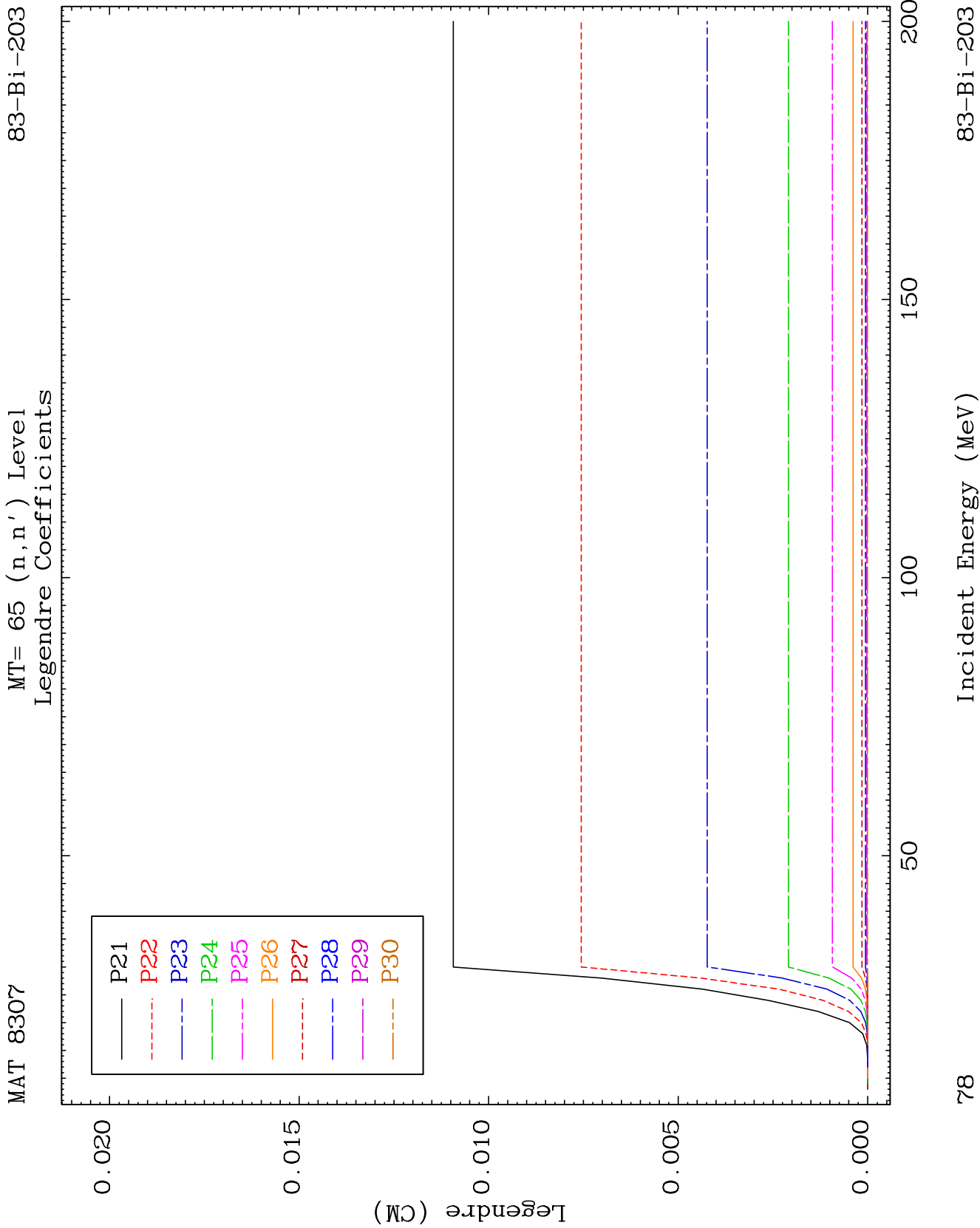
MT= 64 (n, n') Level
Legendre Coefficients

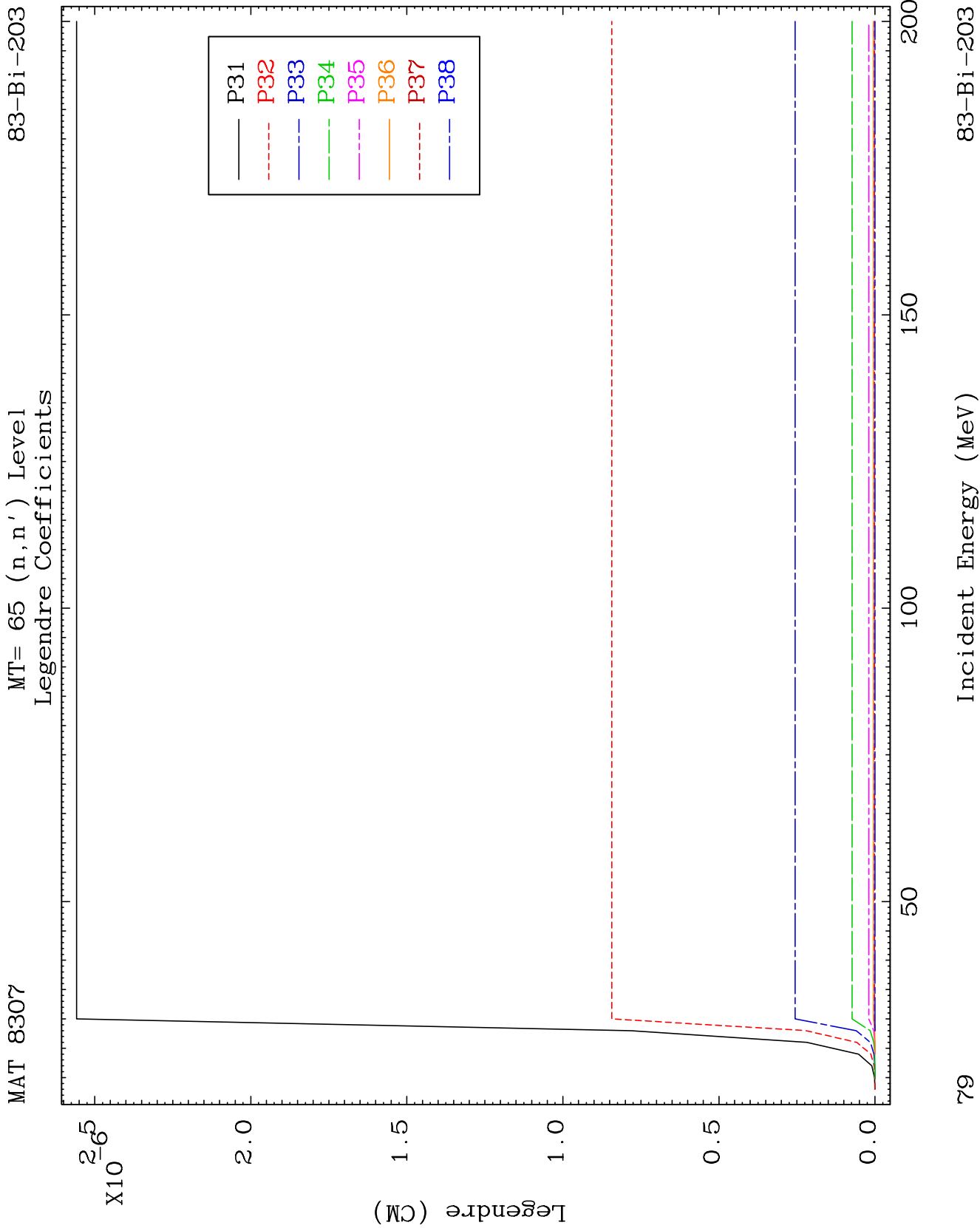
83-Bi-203







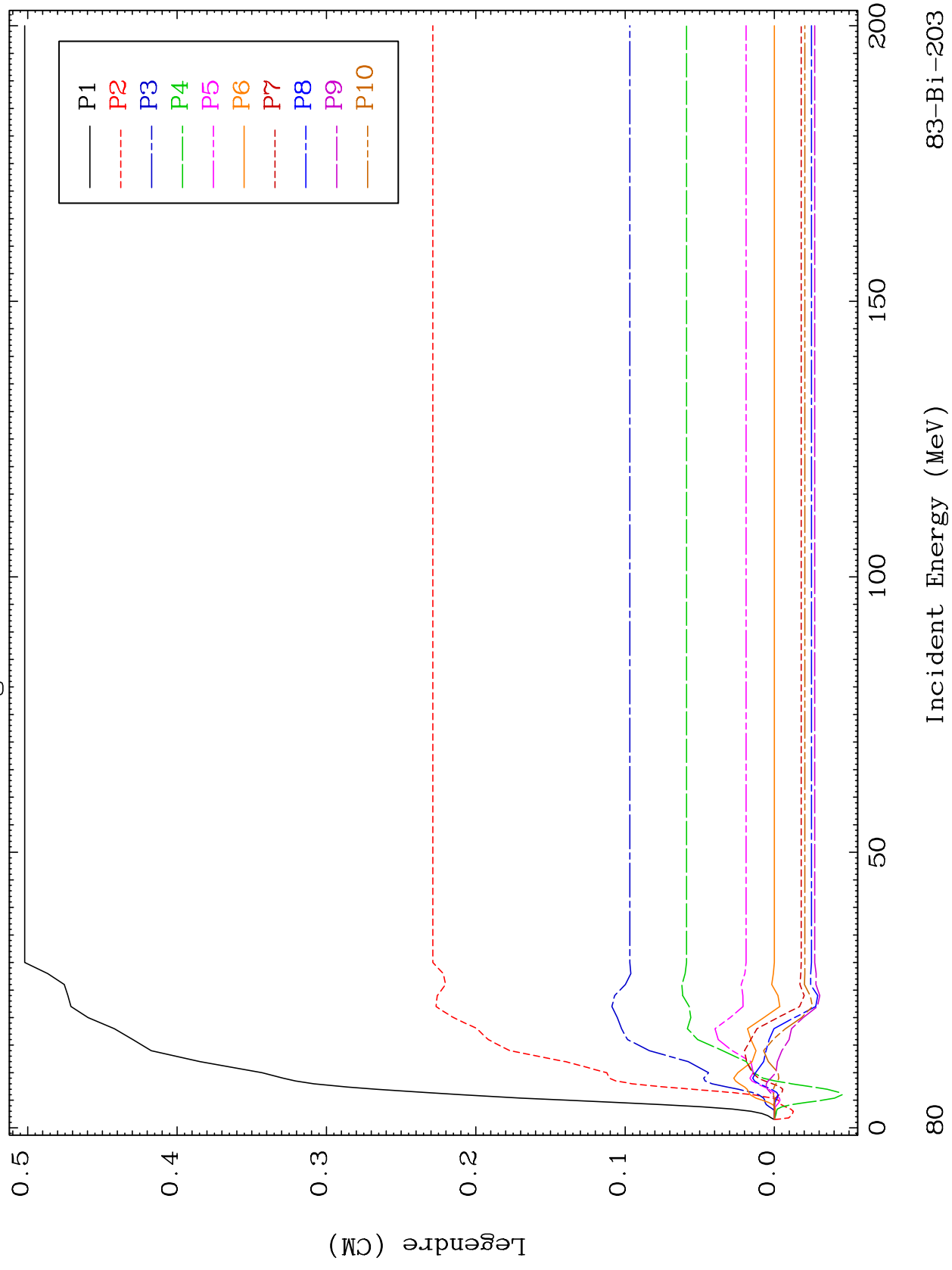


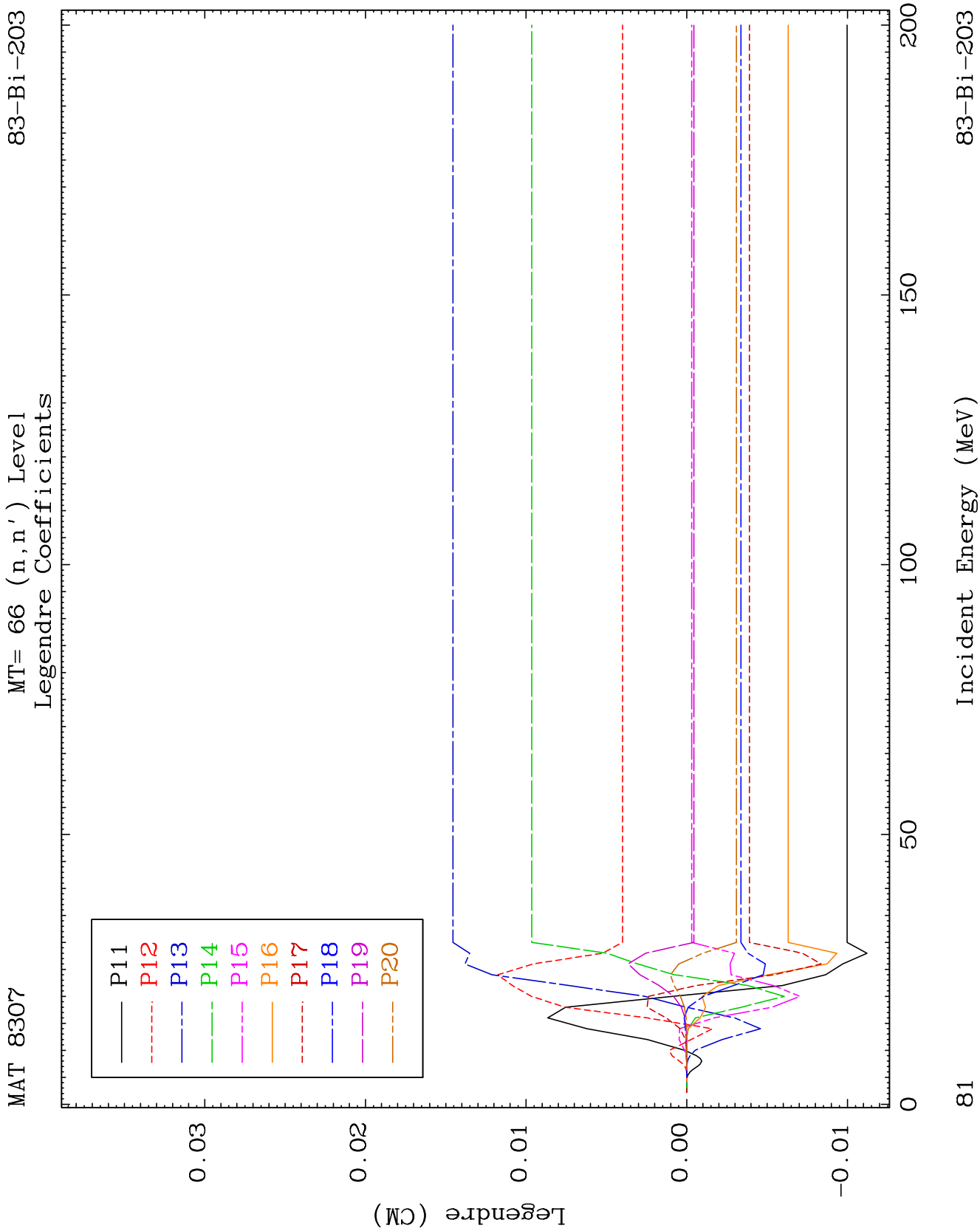


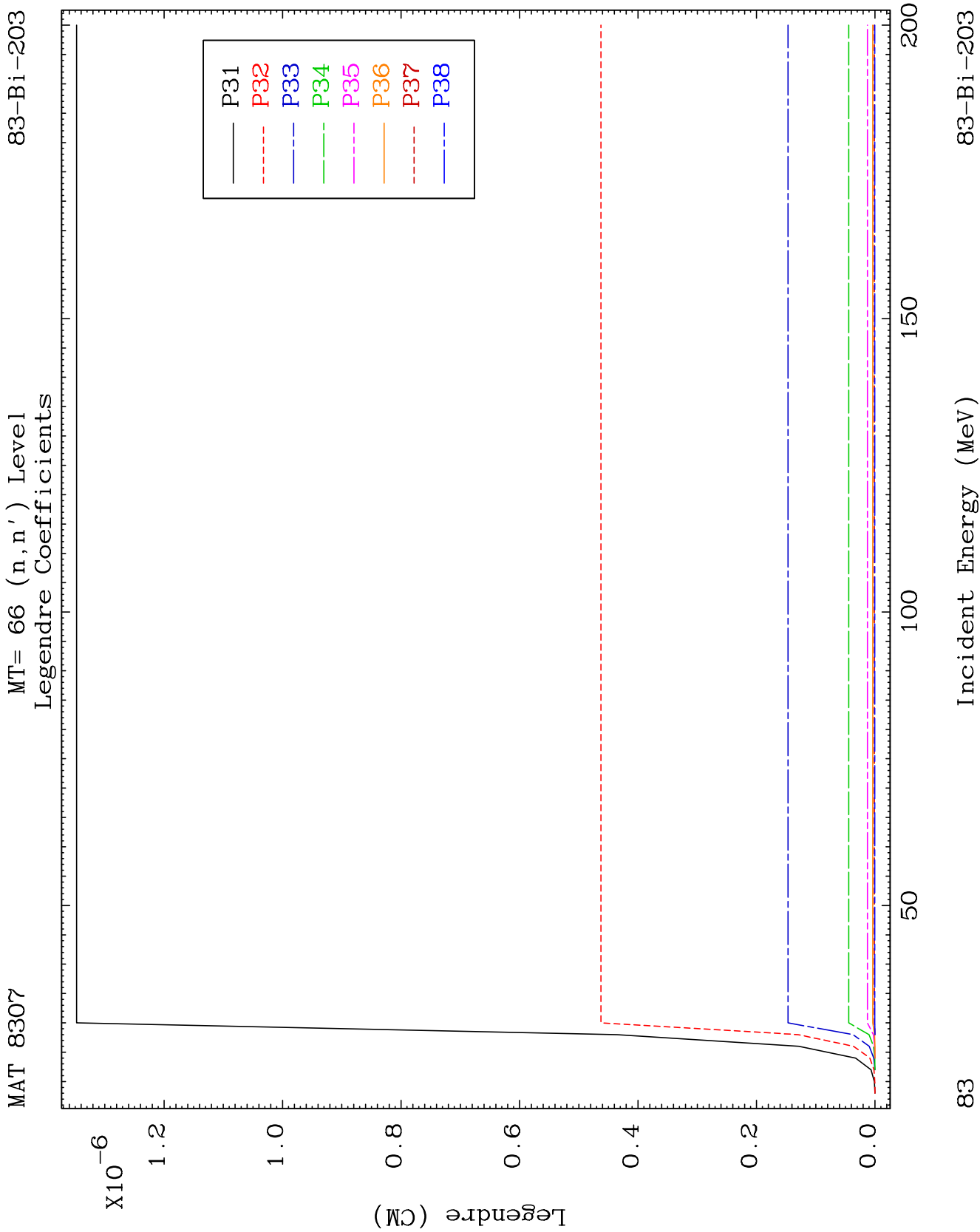
MAT 8307

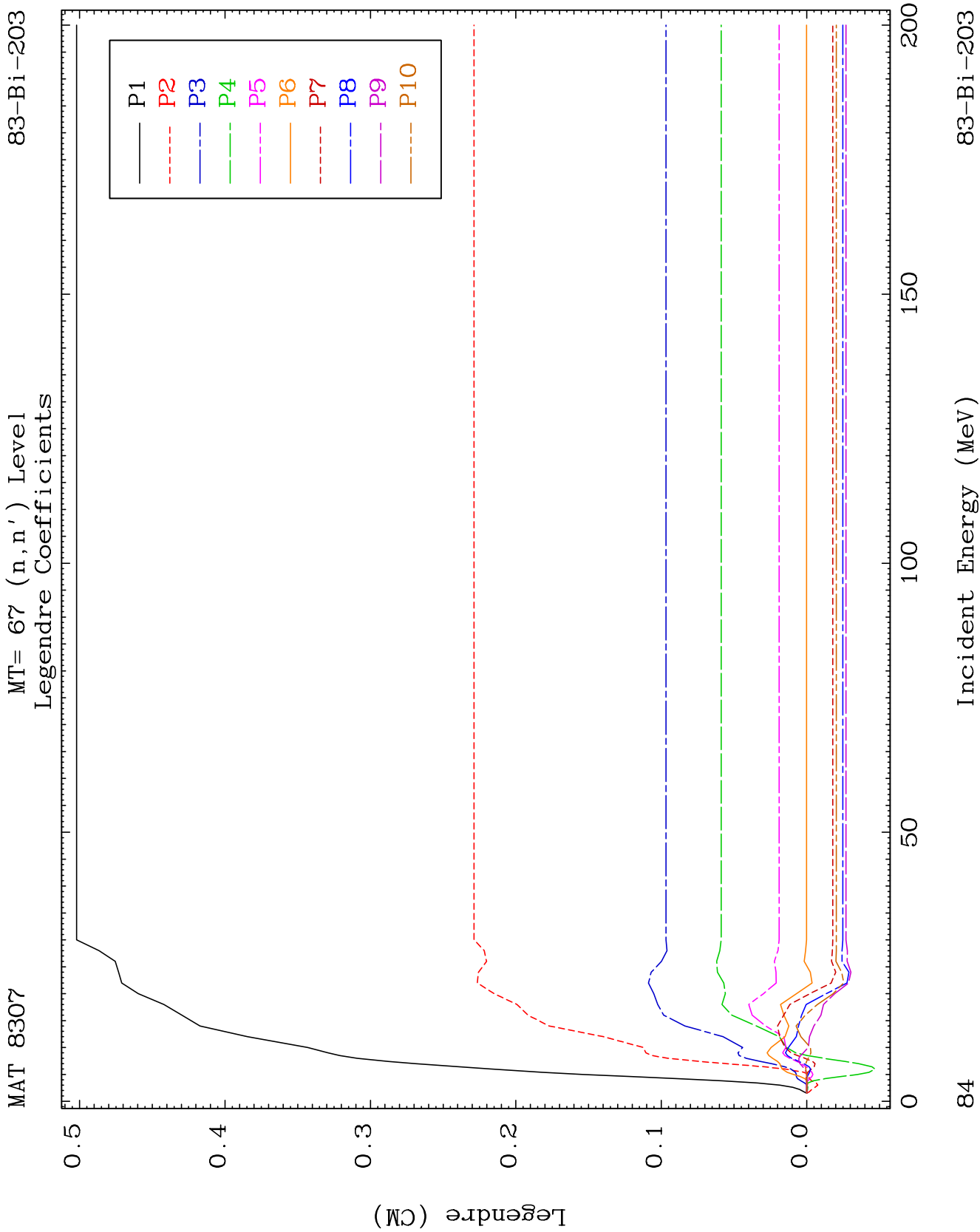
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Legendre Coefficients

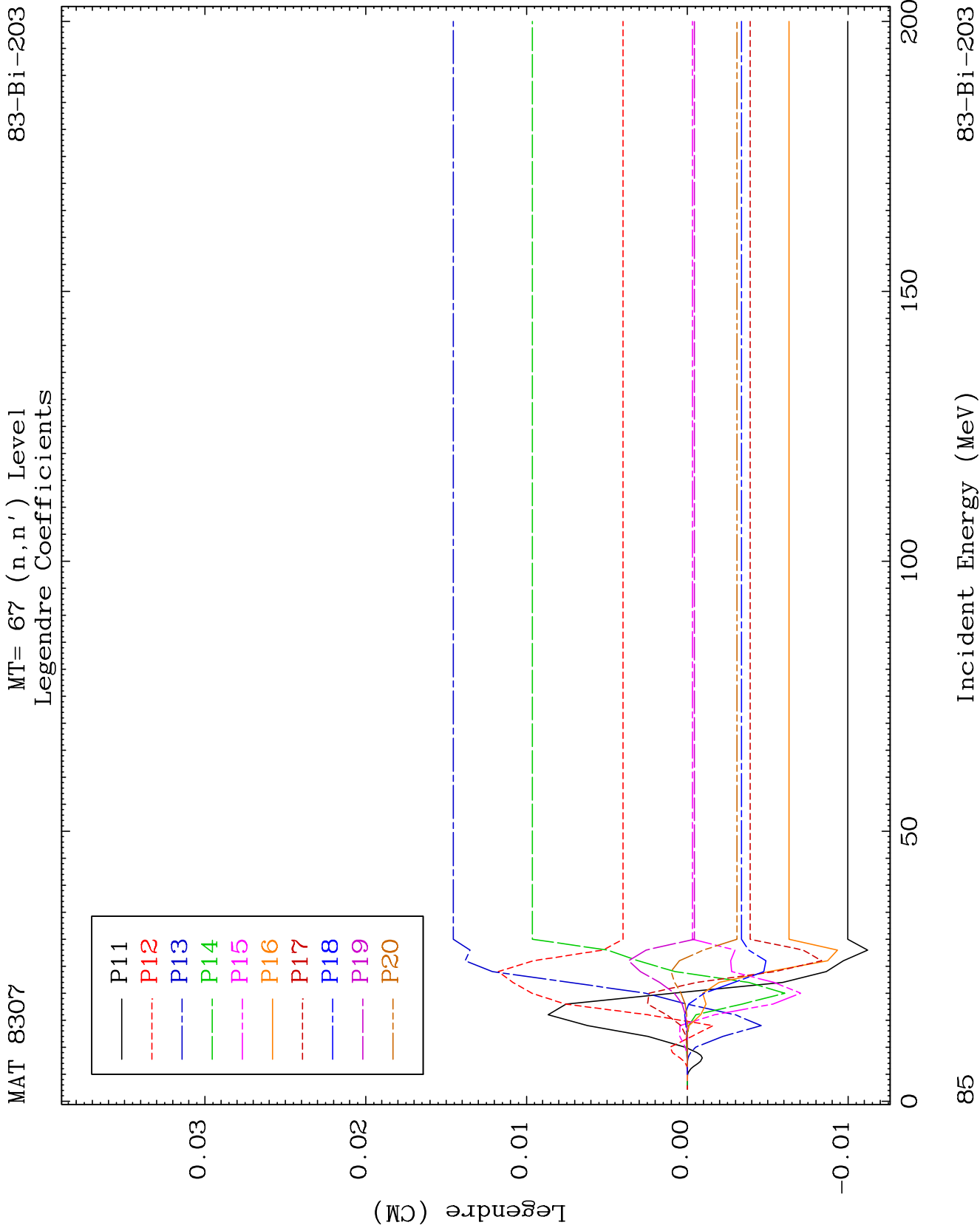
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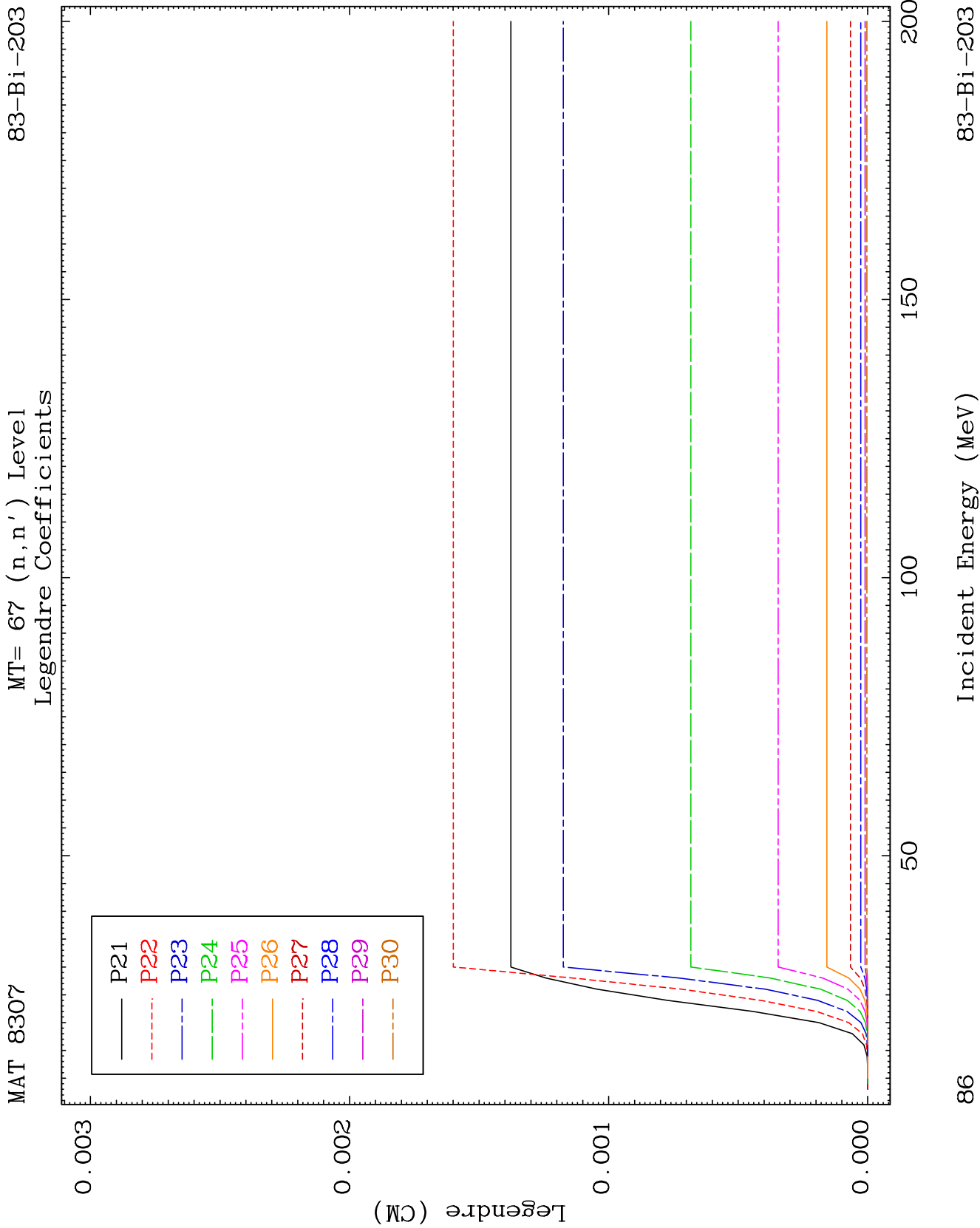


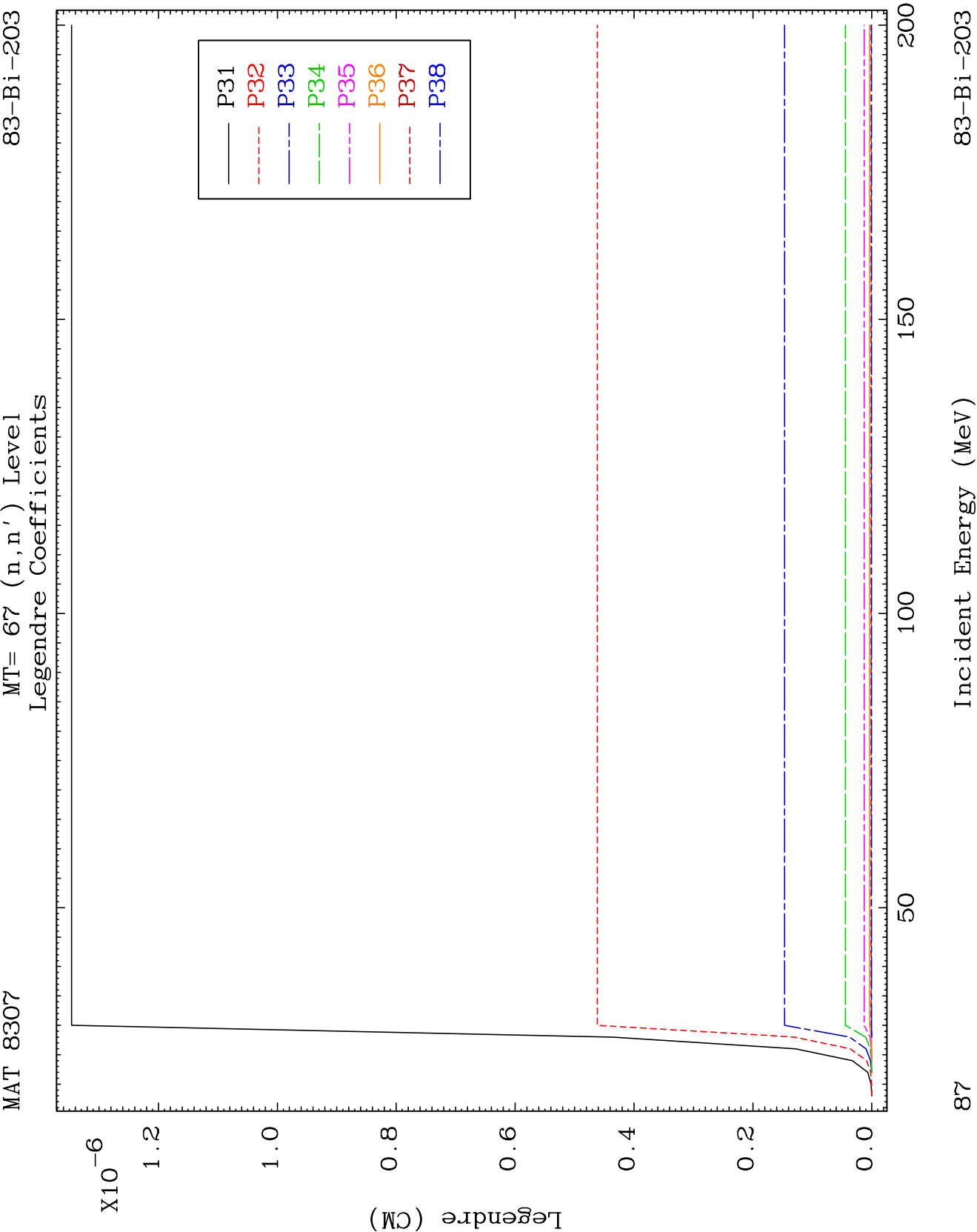


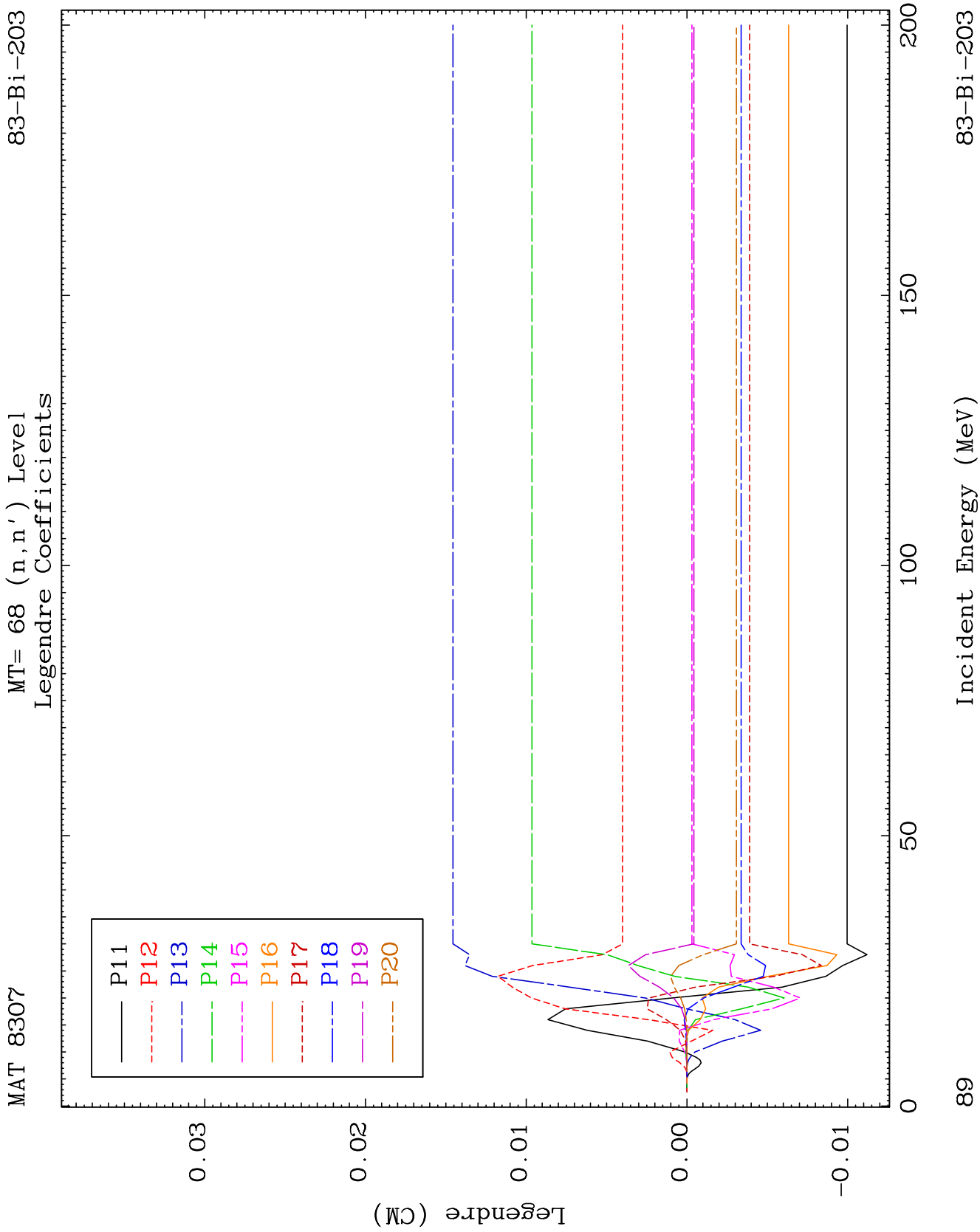








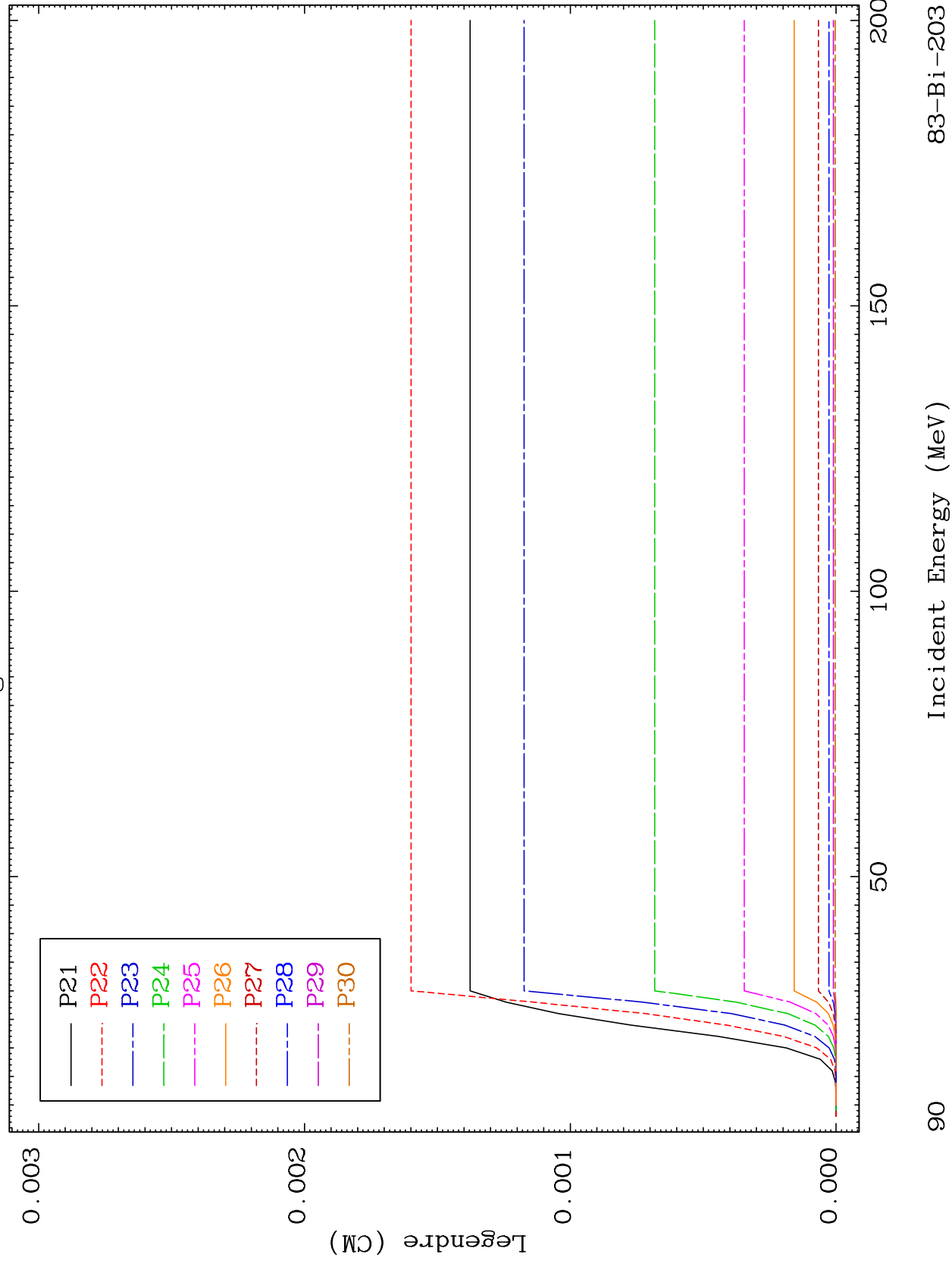


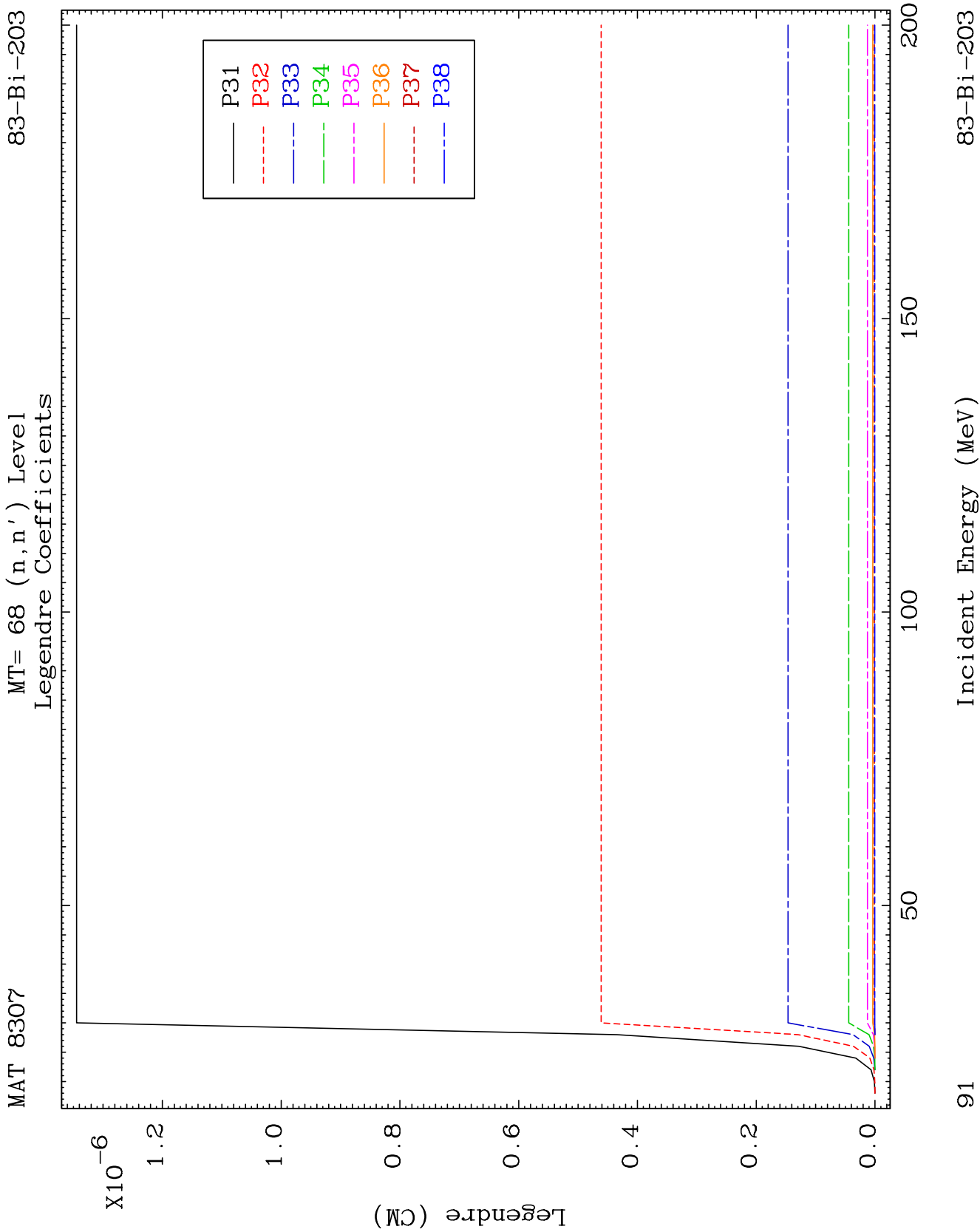


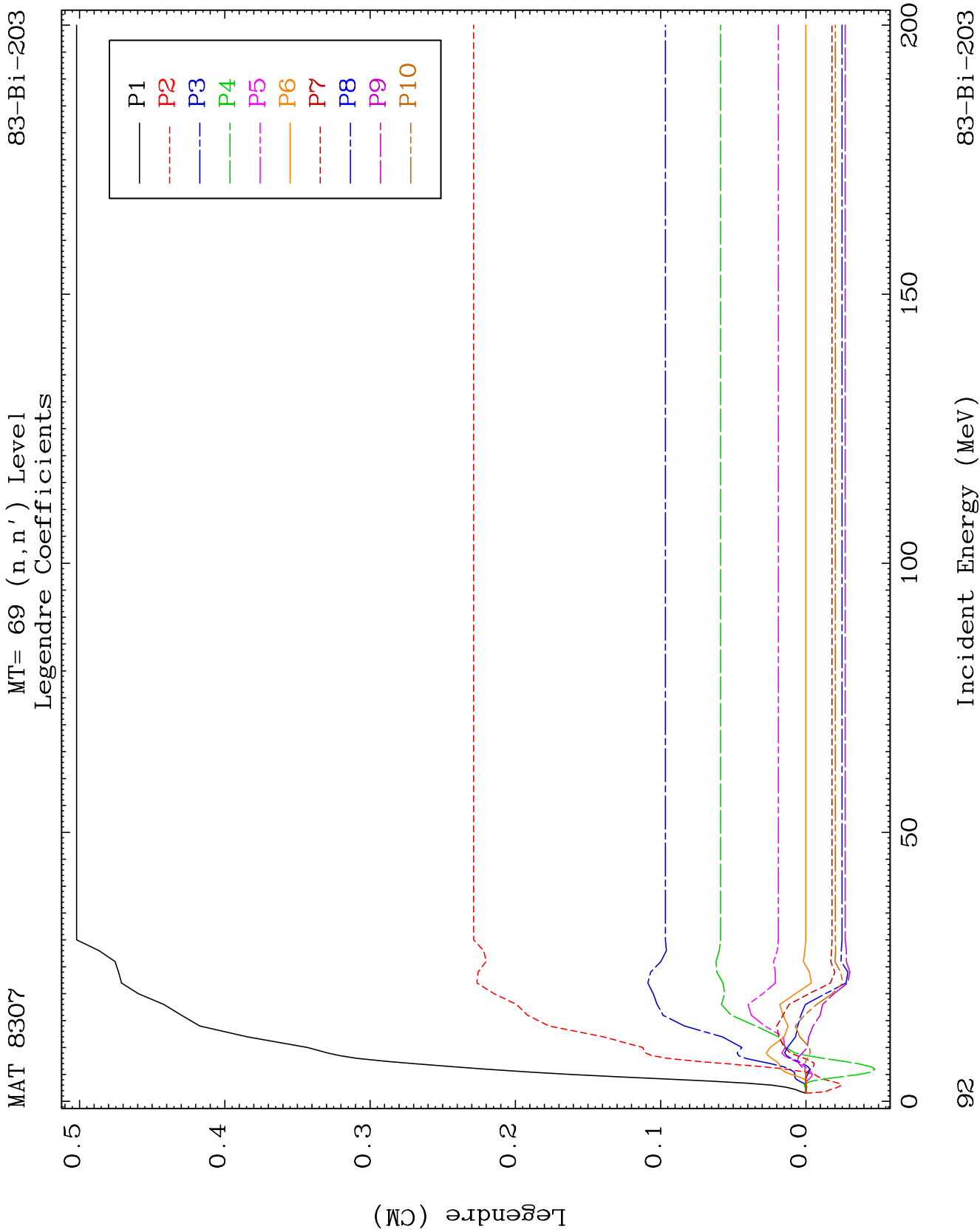
MAT 8307

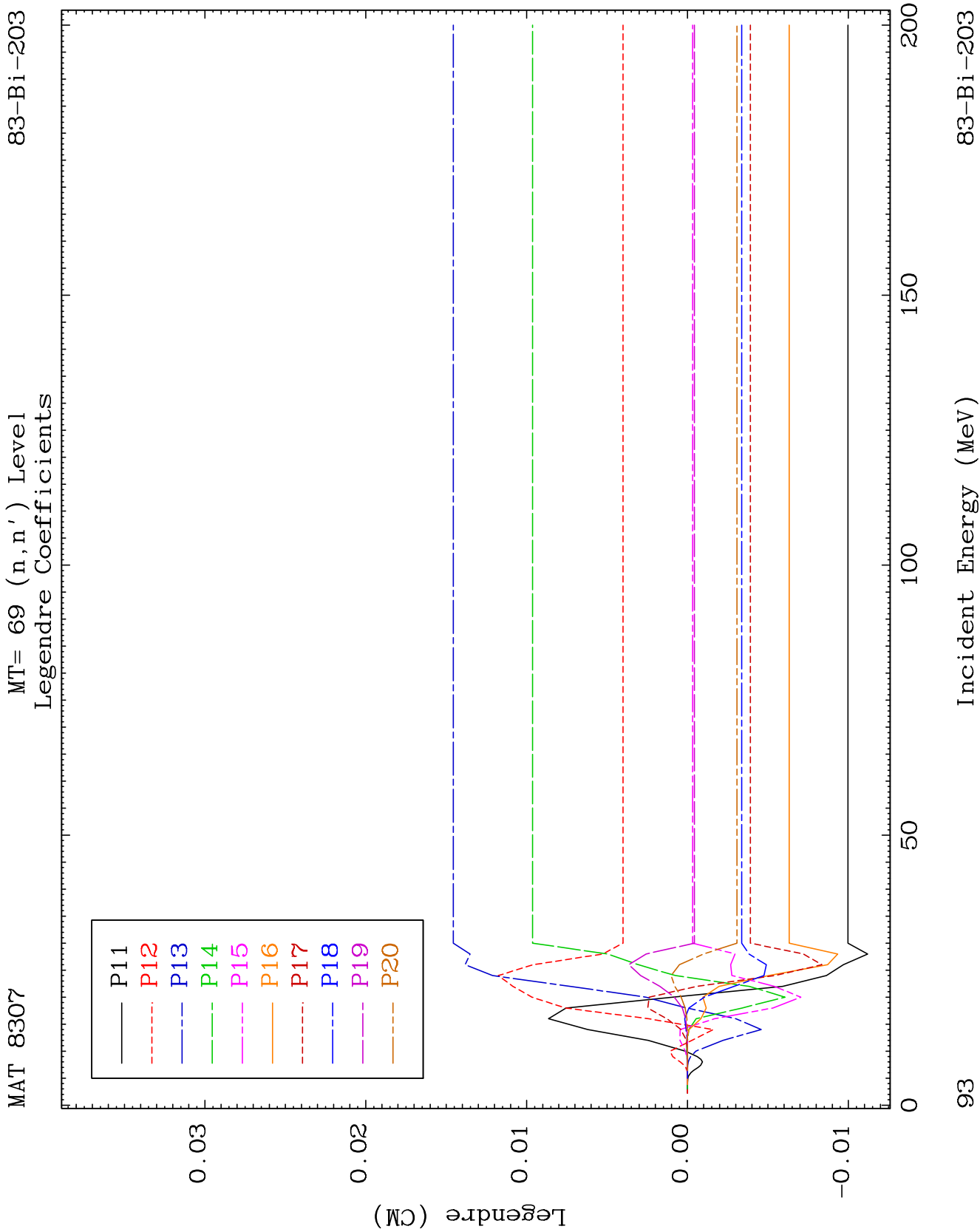
MT= 68 (n, n') Level
Legendre Coefficients

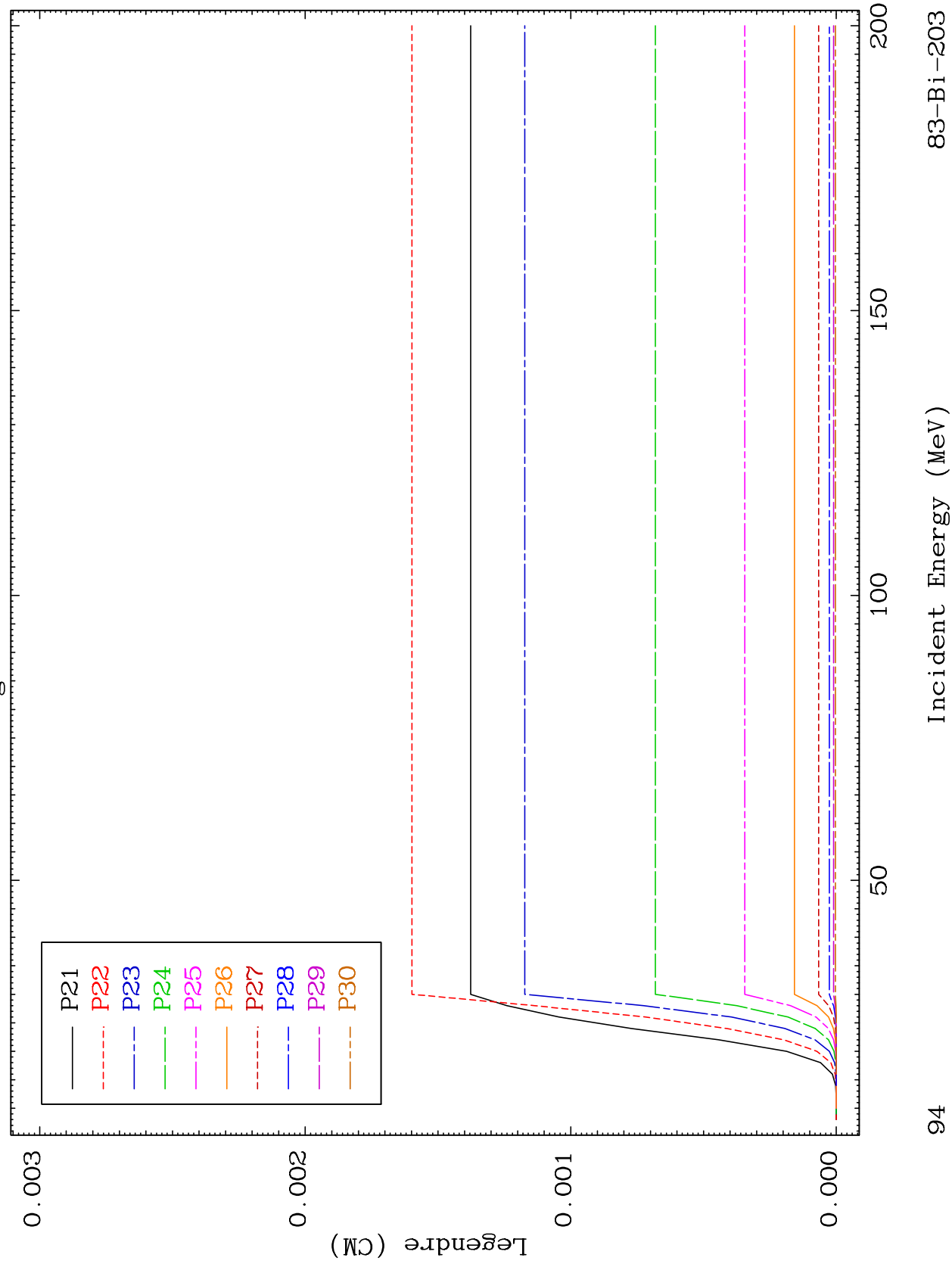
83-Bi-203

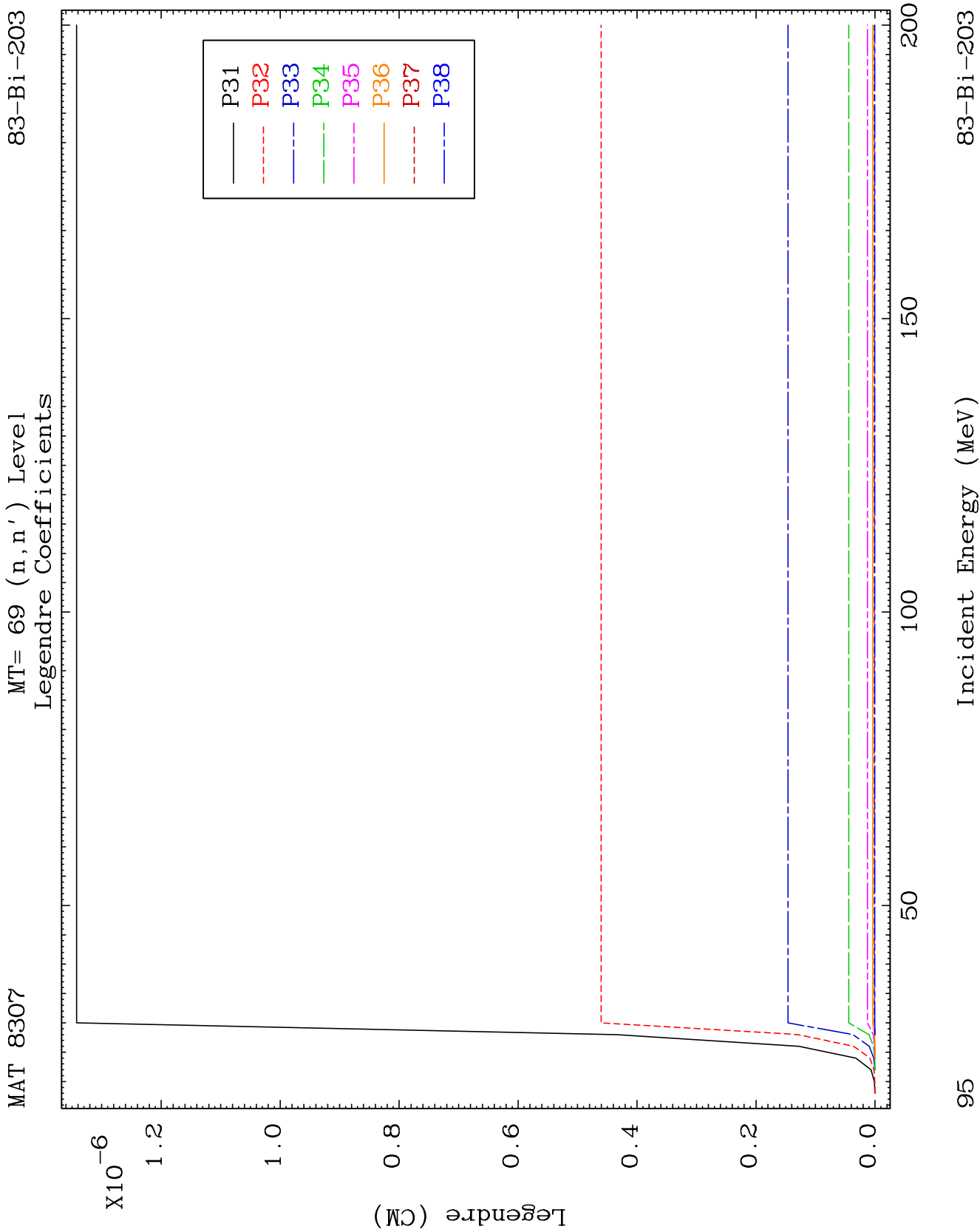


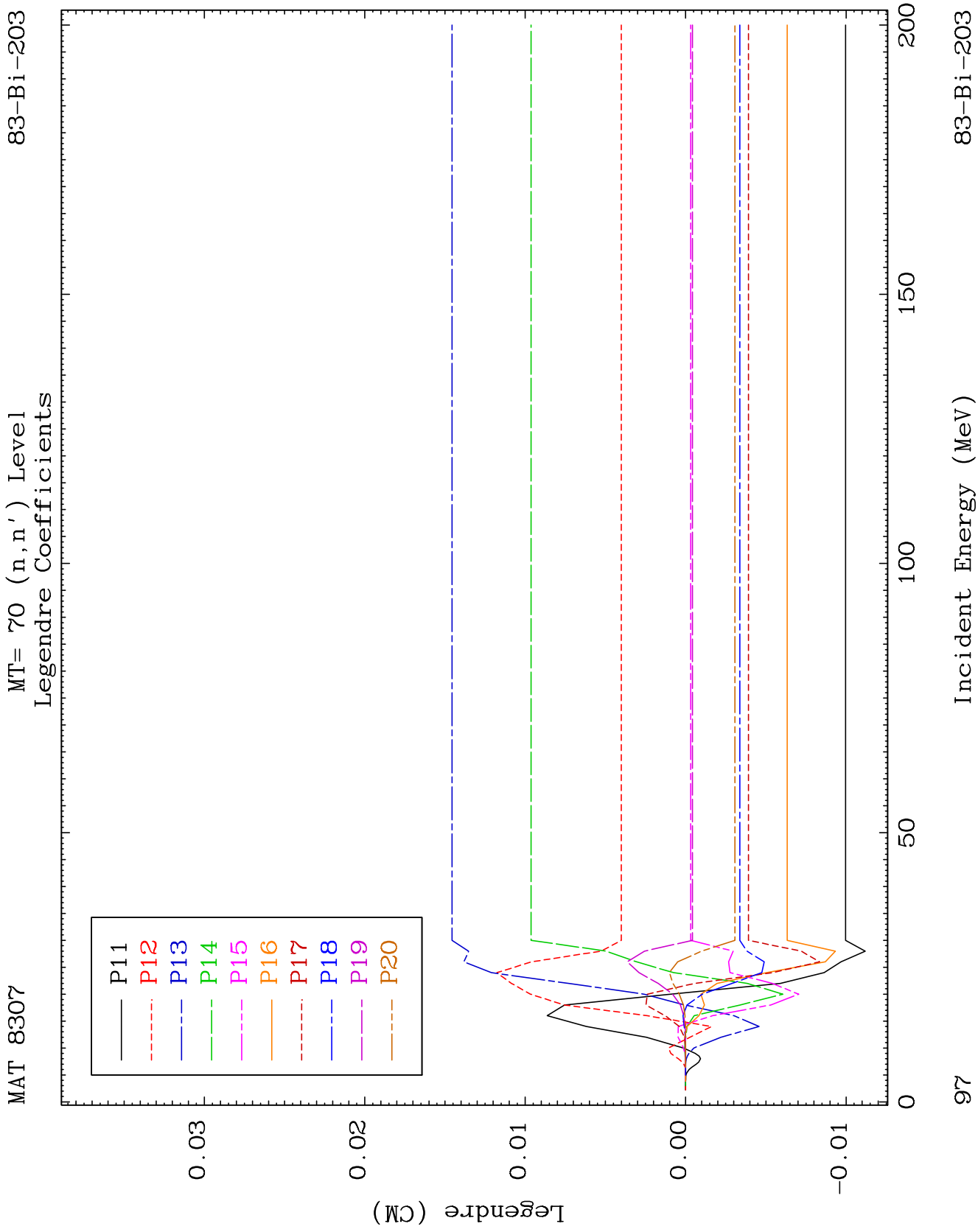


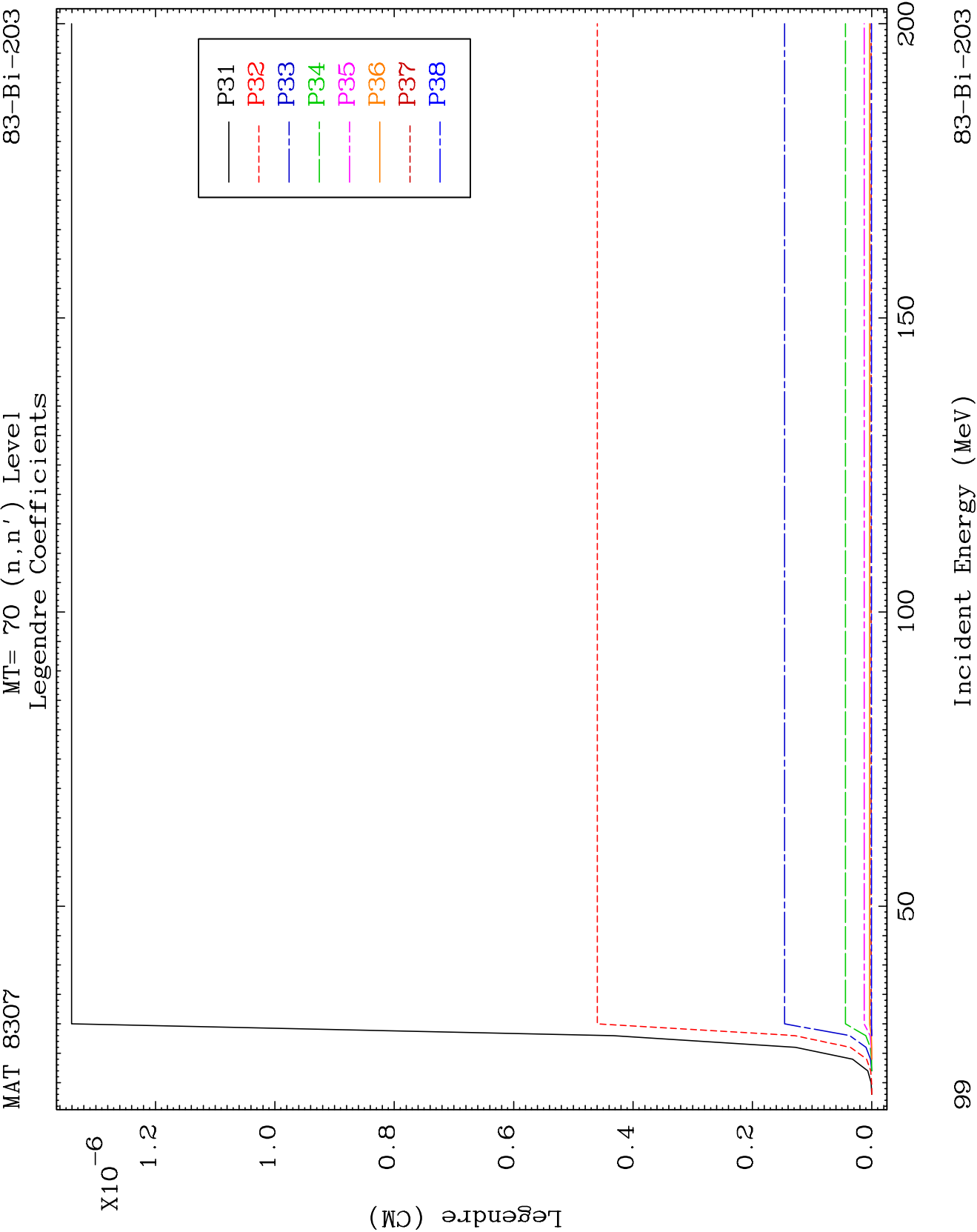


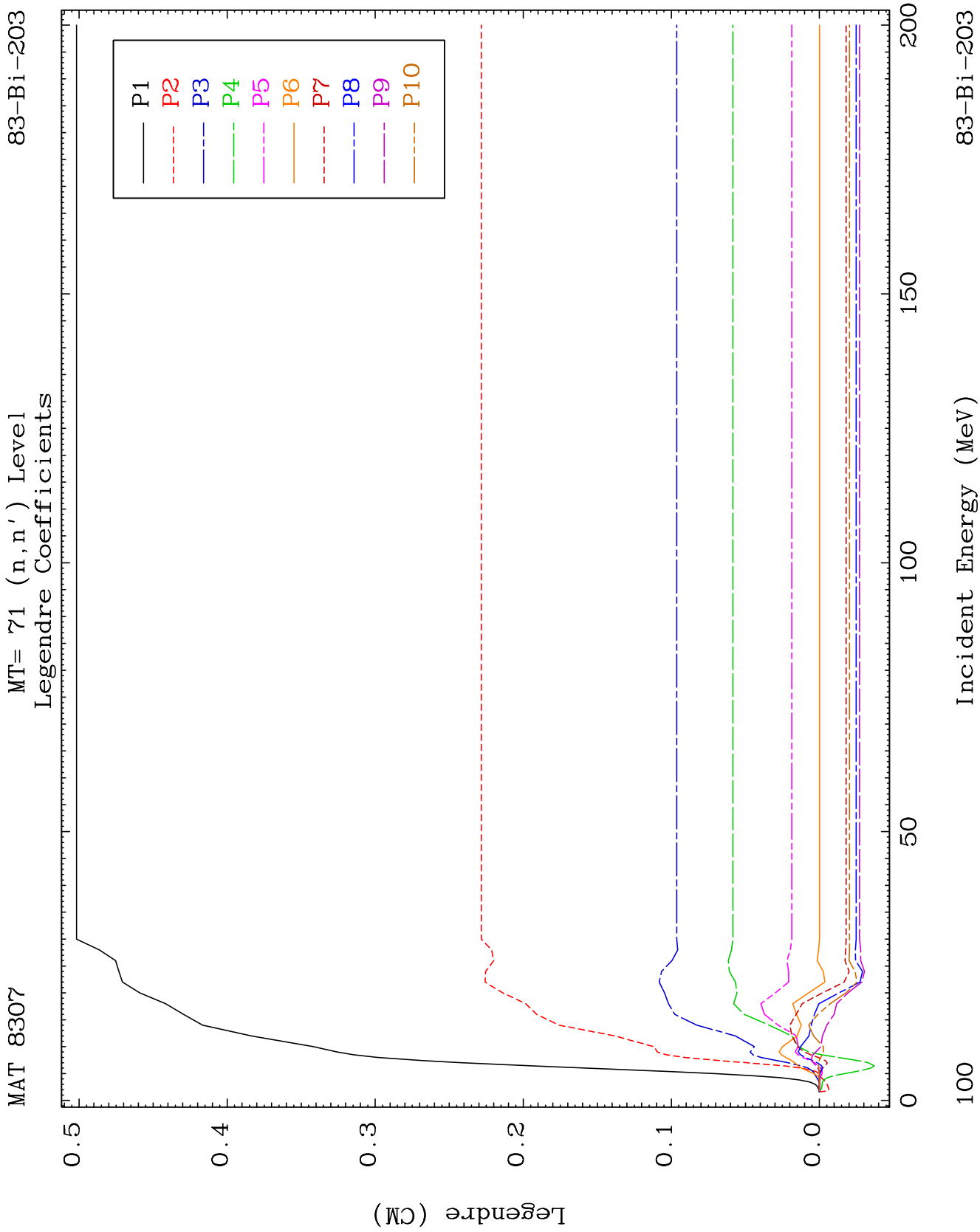


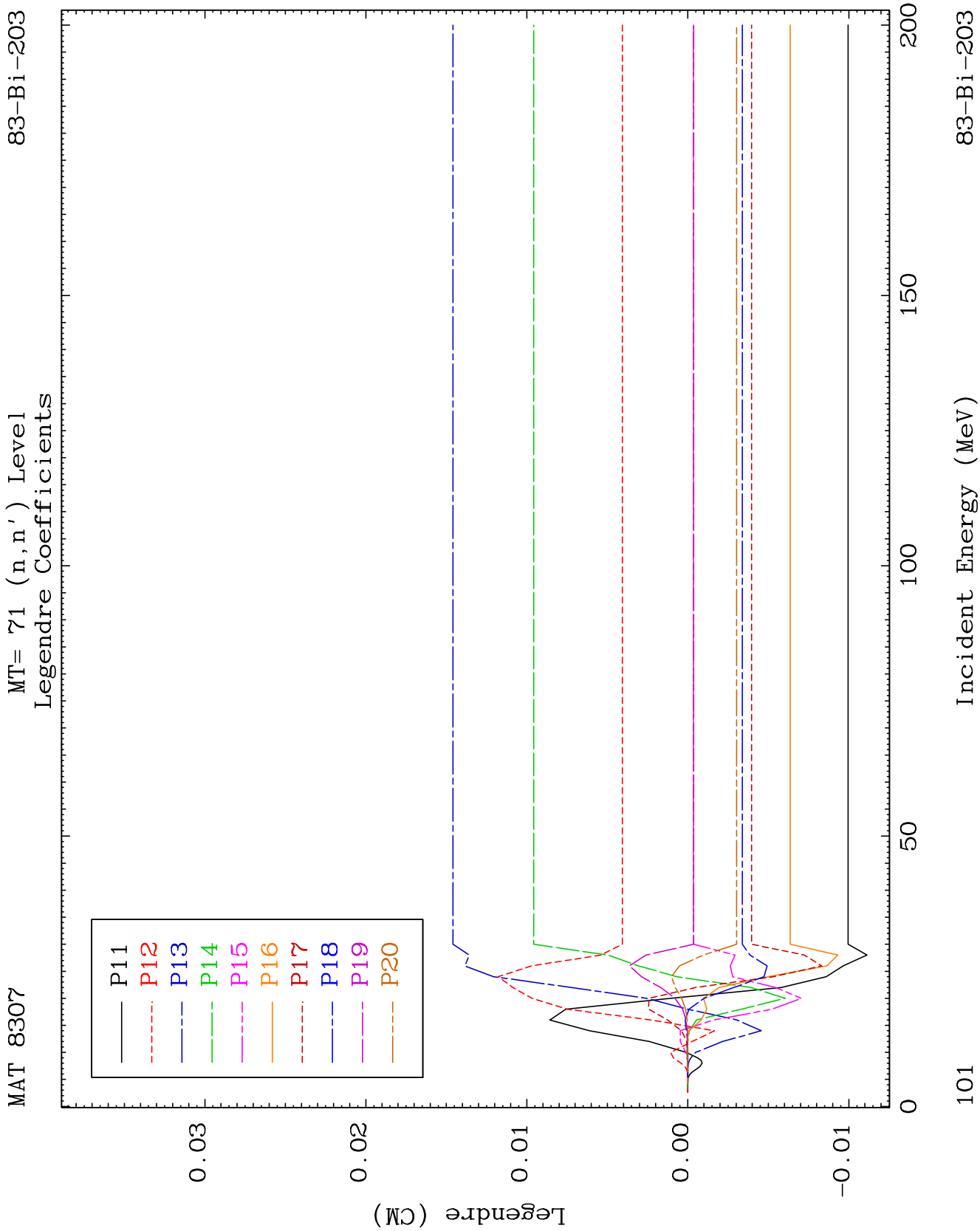








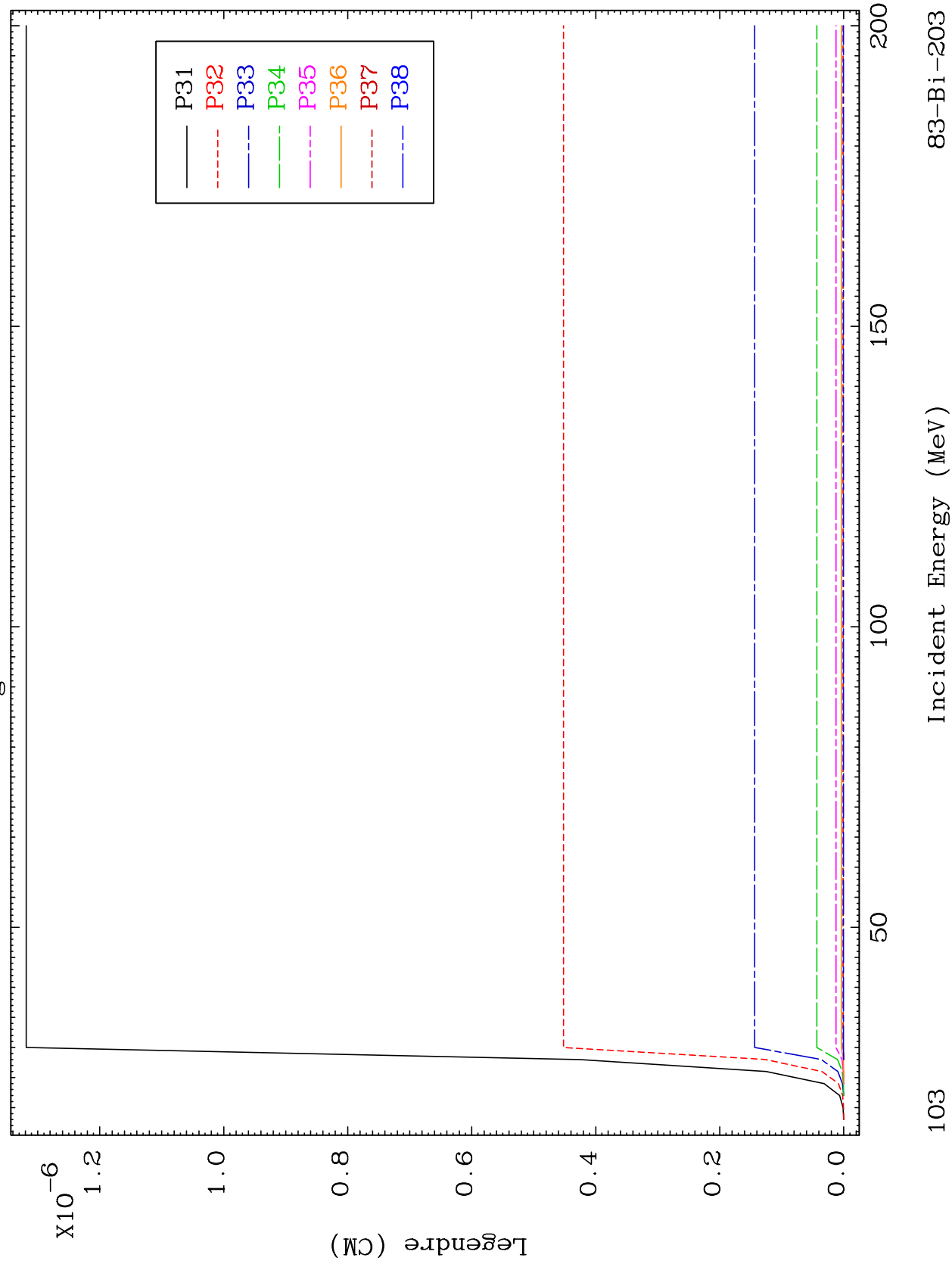


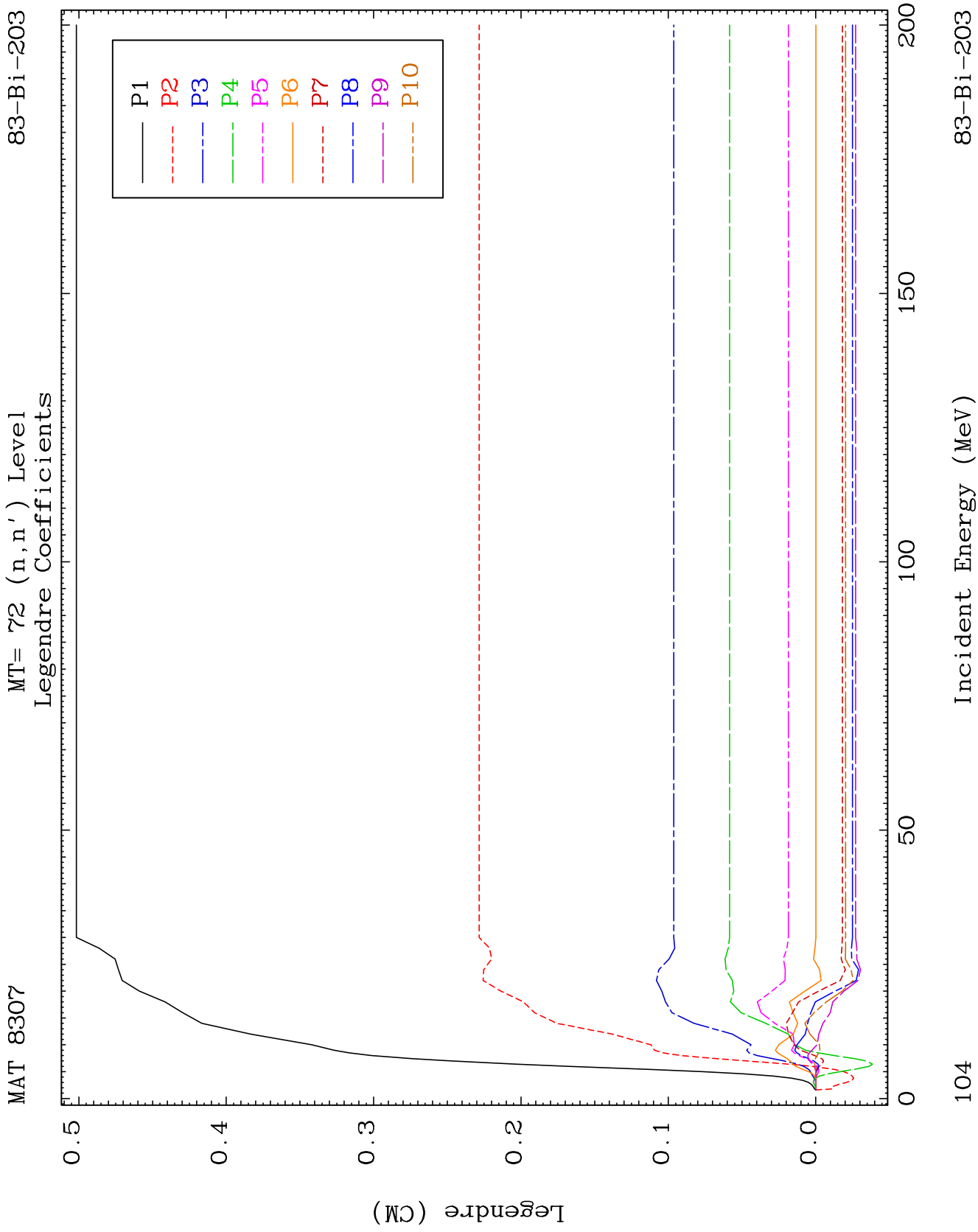


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MT= 71 (n, n') Level
Legendre Coefficients

83-Bi-203

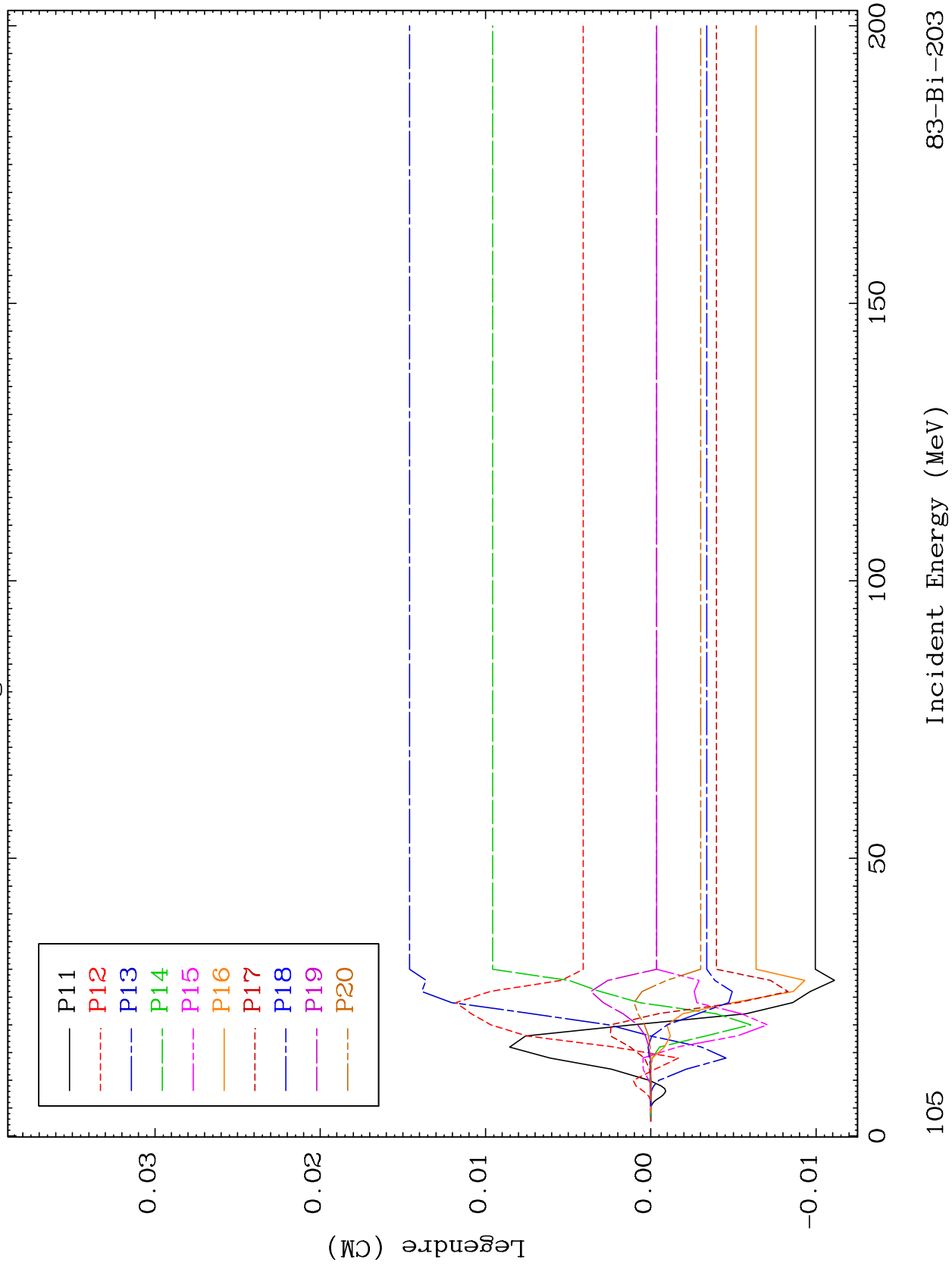




MAT 8307

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

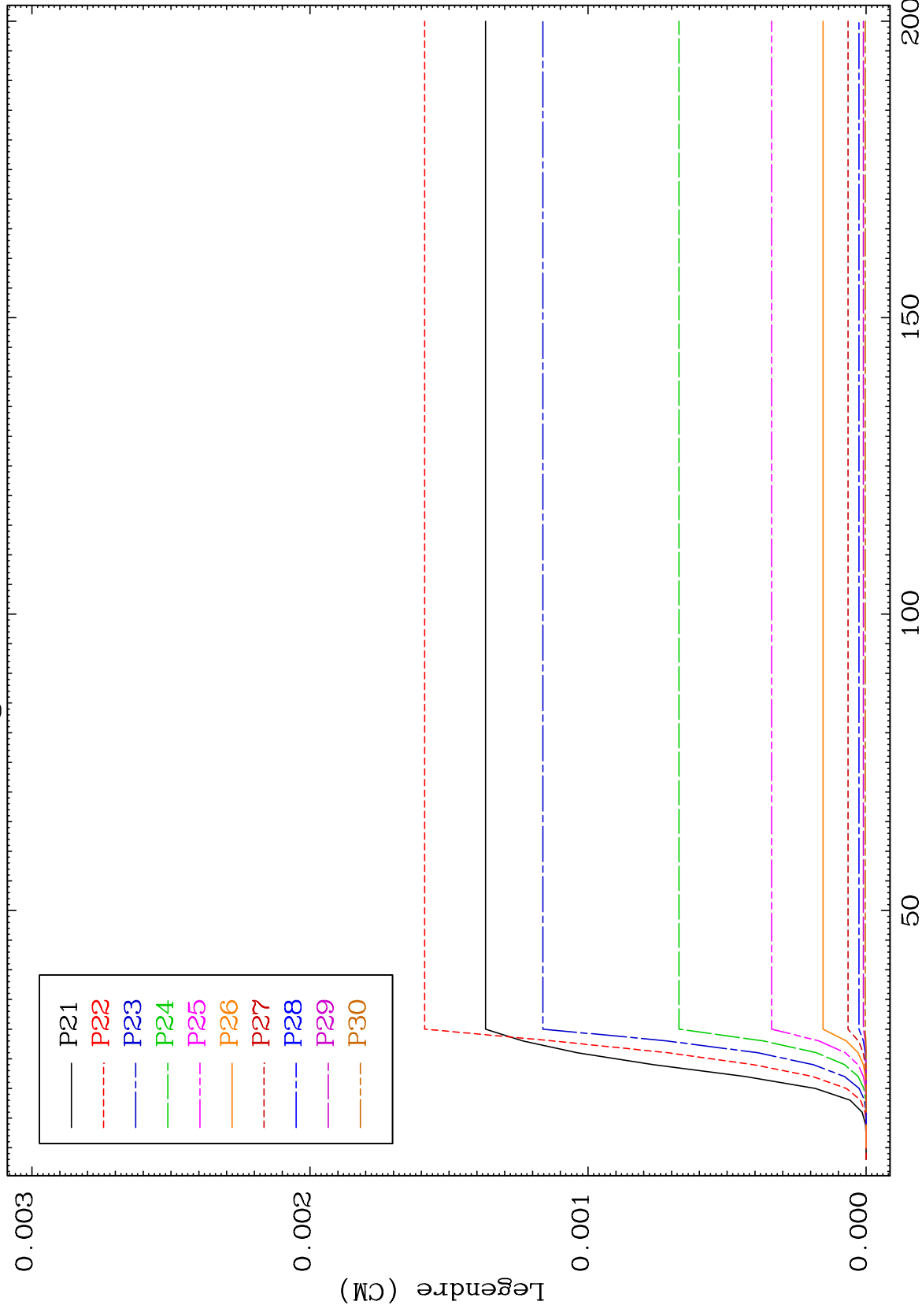
83-Bi-203



MAT 8307

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

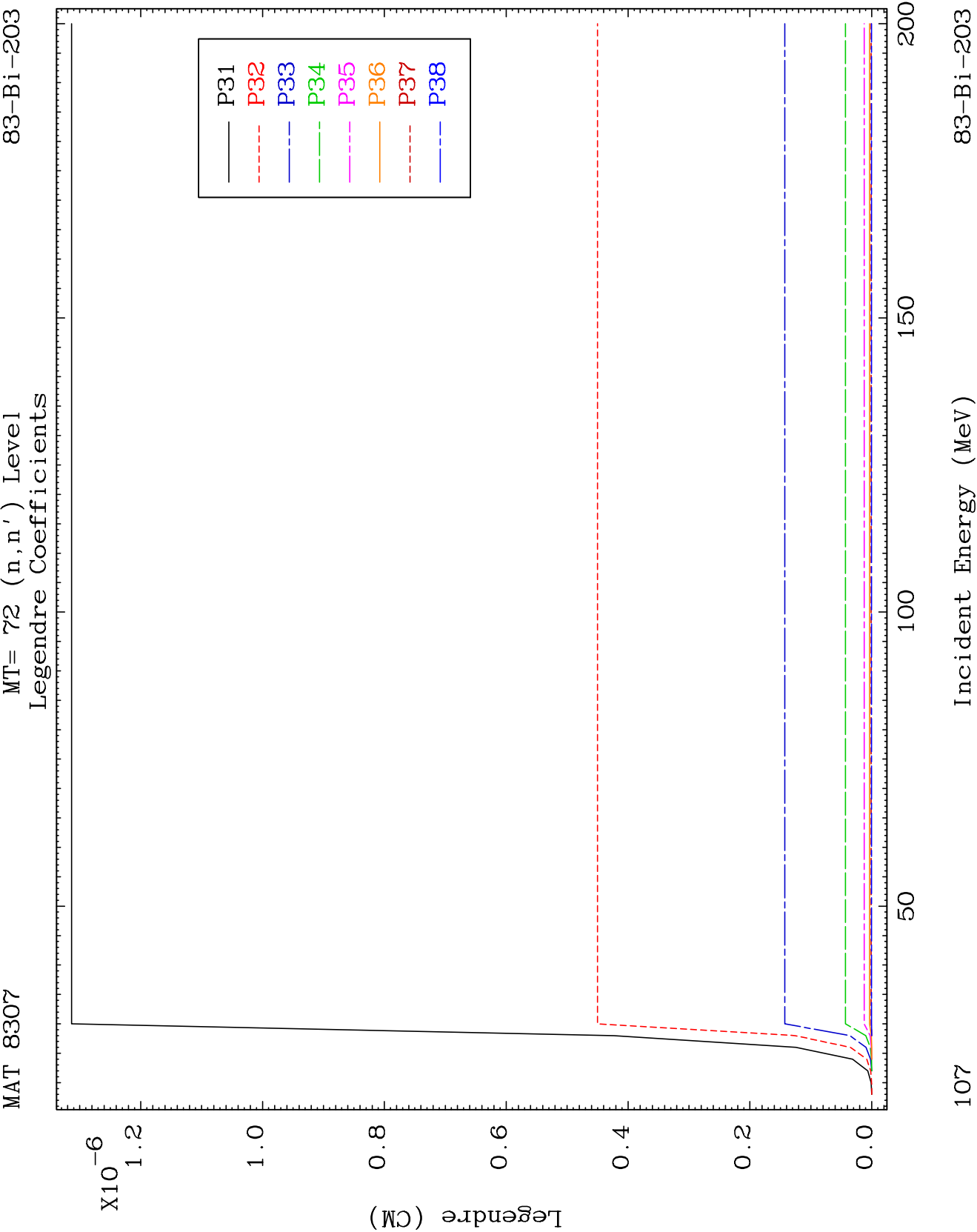
83-Bi-203

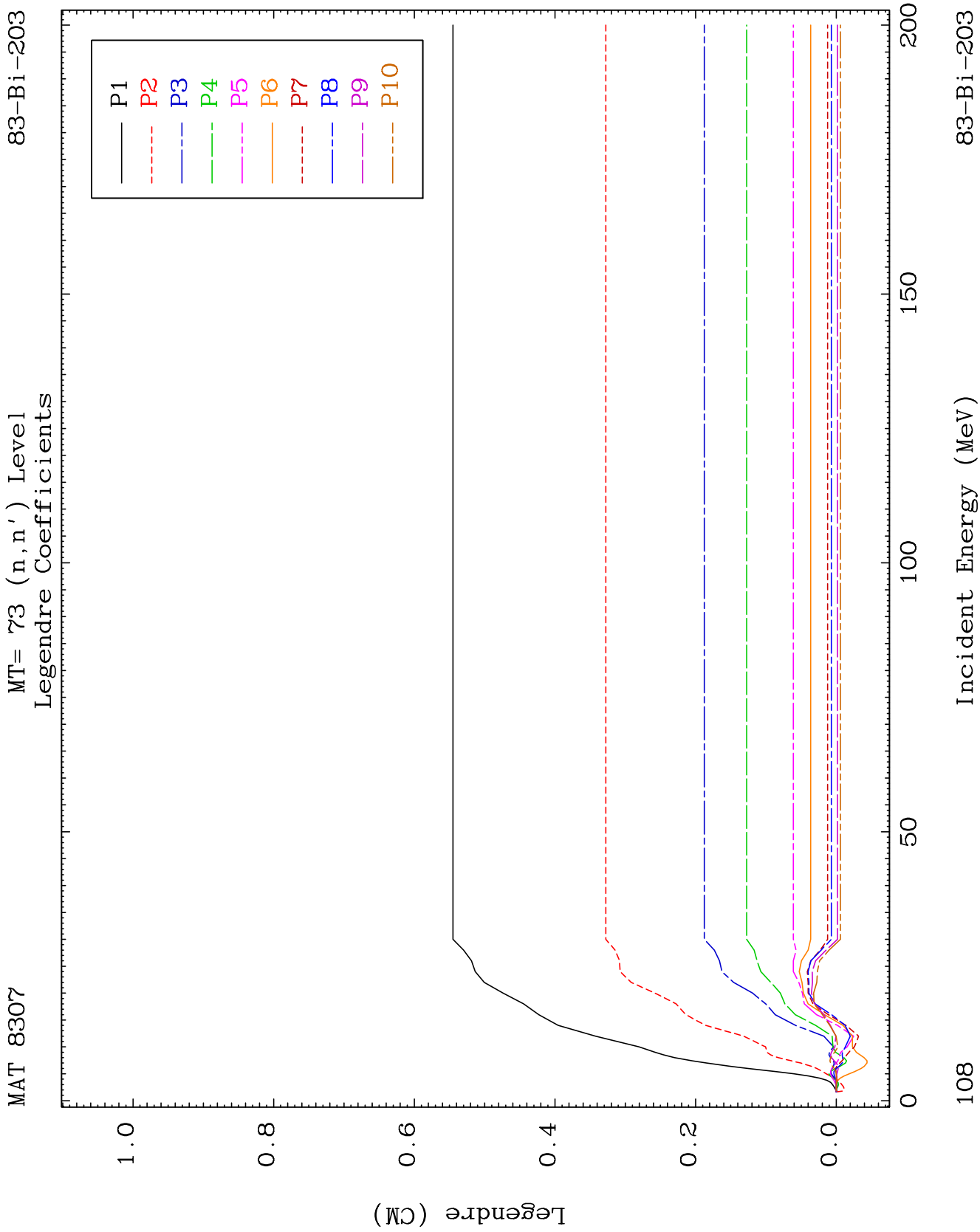


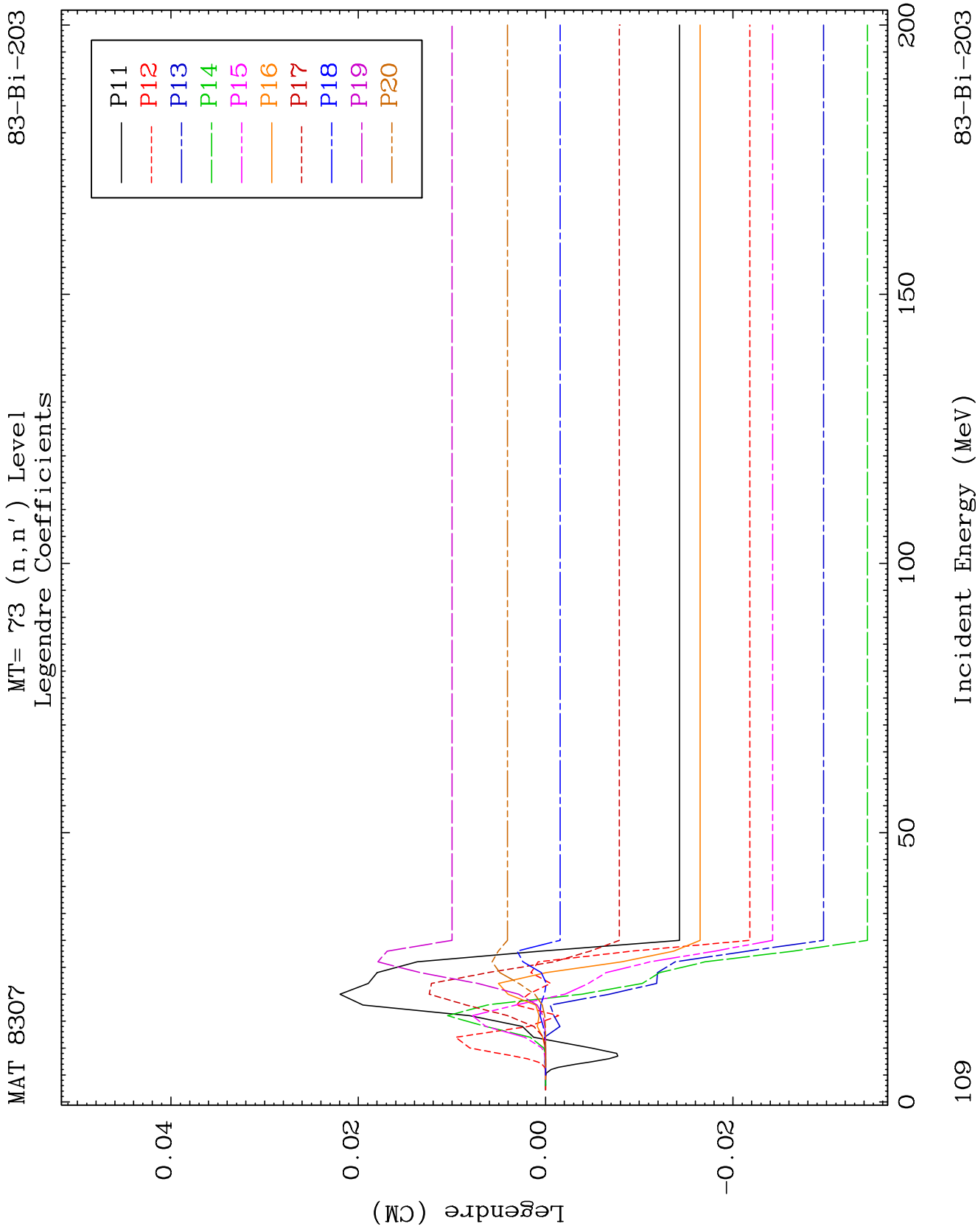
106

Incident Energy (MeV)

83-Bi-203



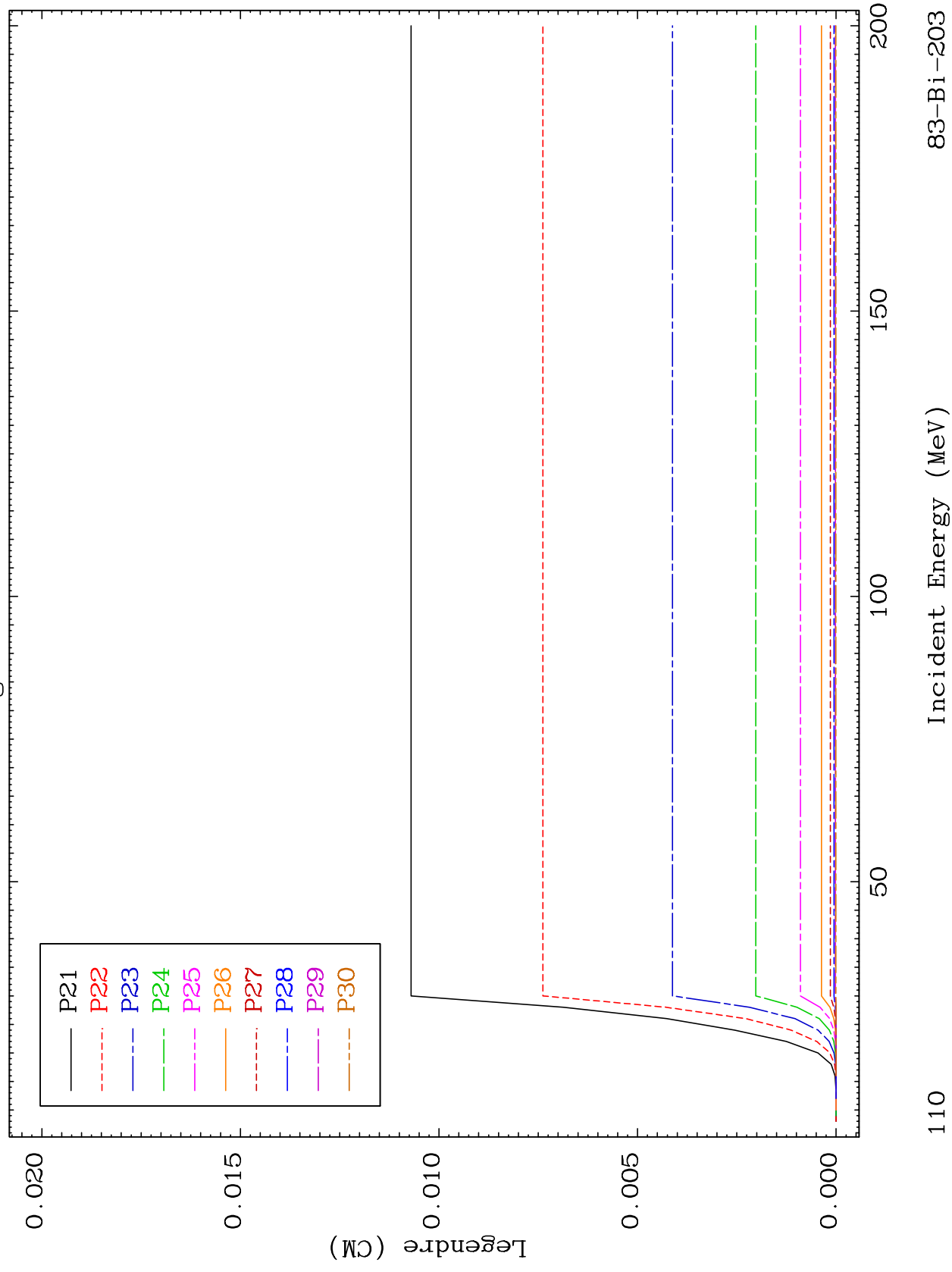


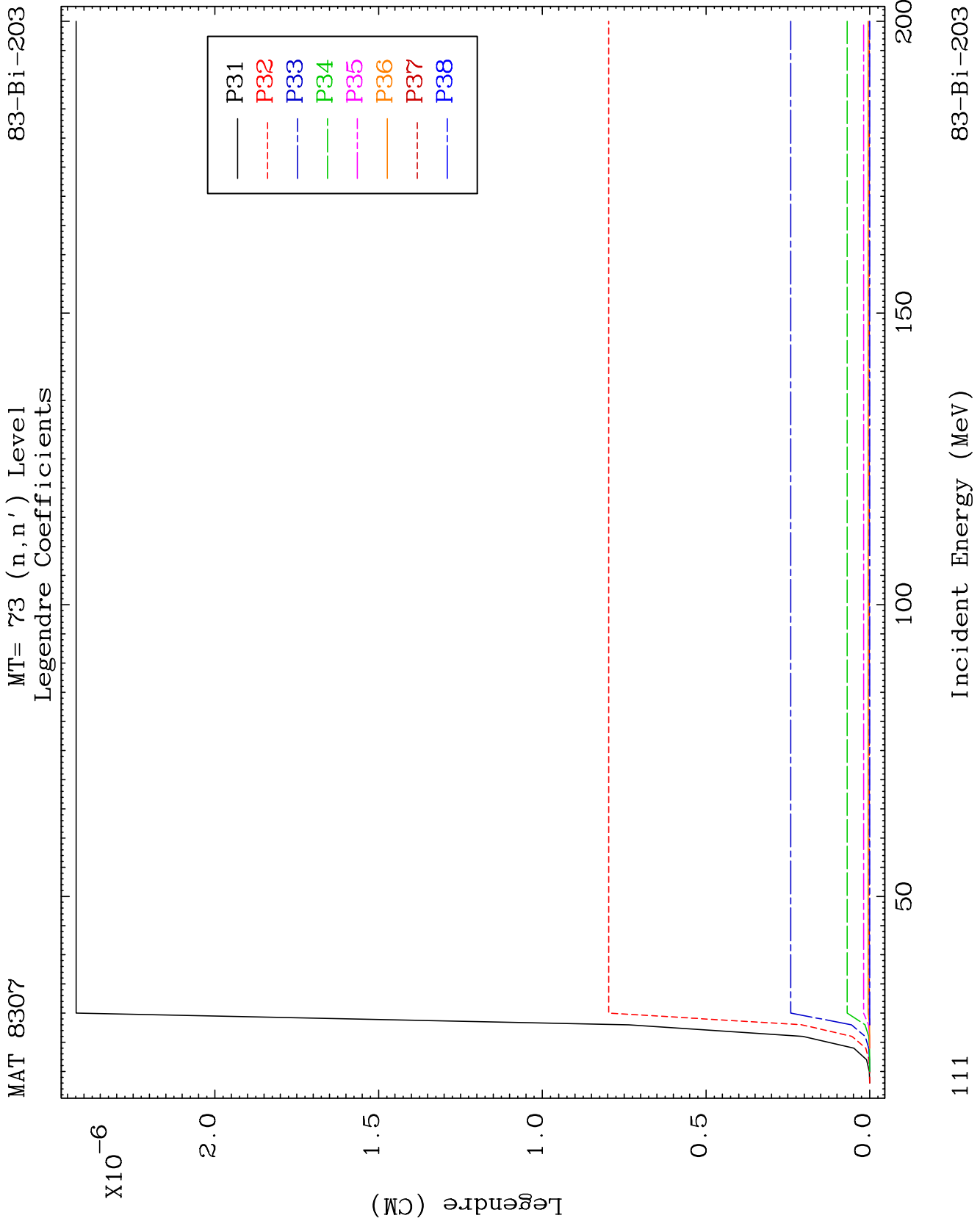


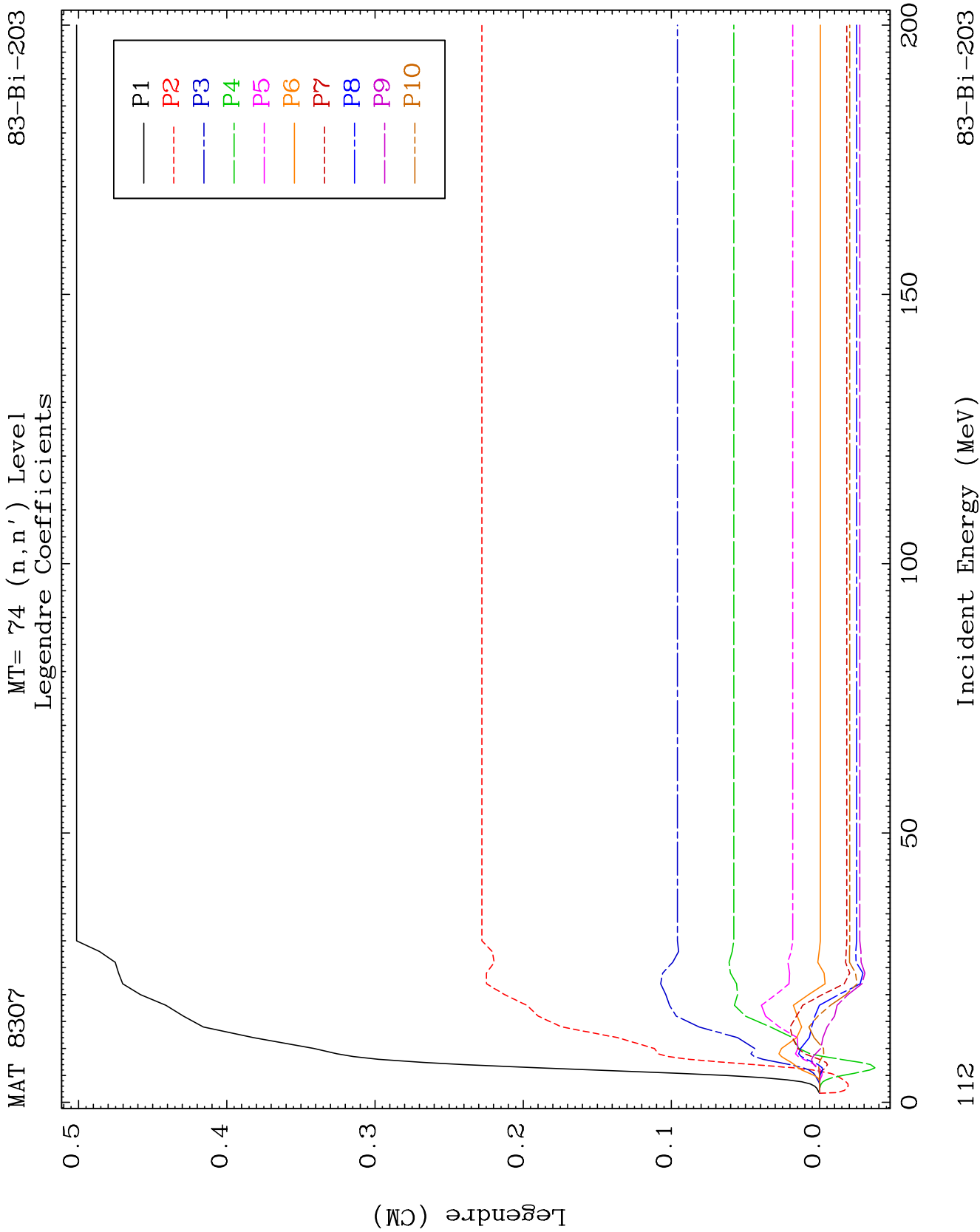
MAT 8307

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

83-Bi-203



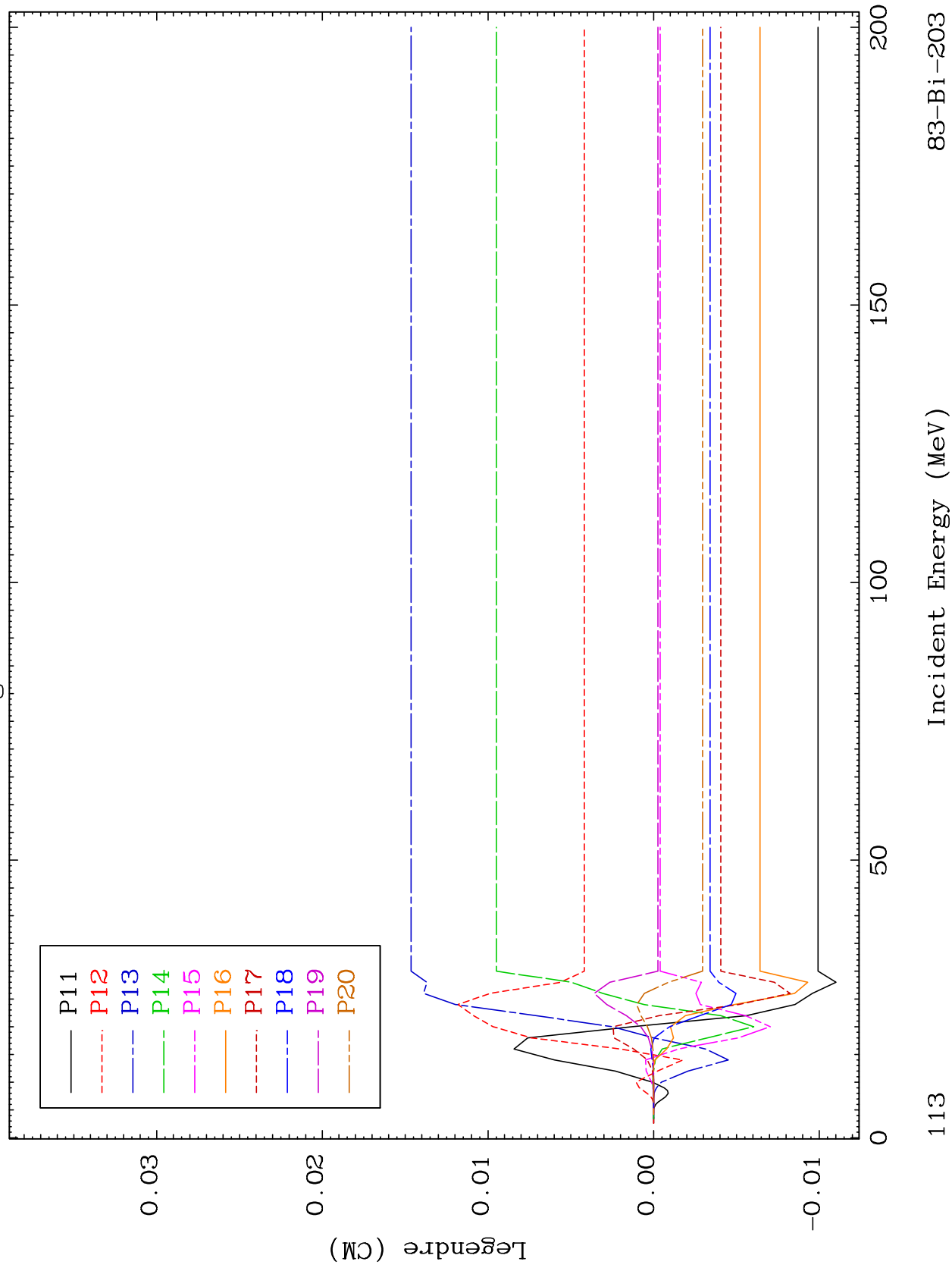


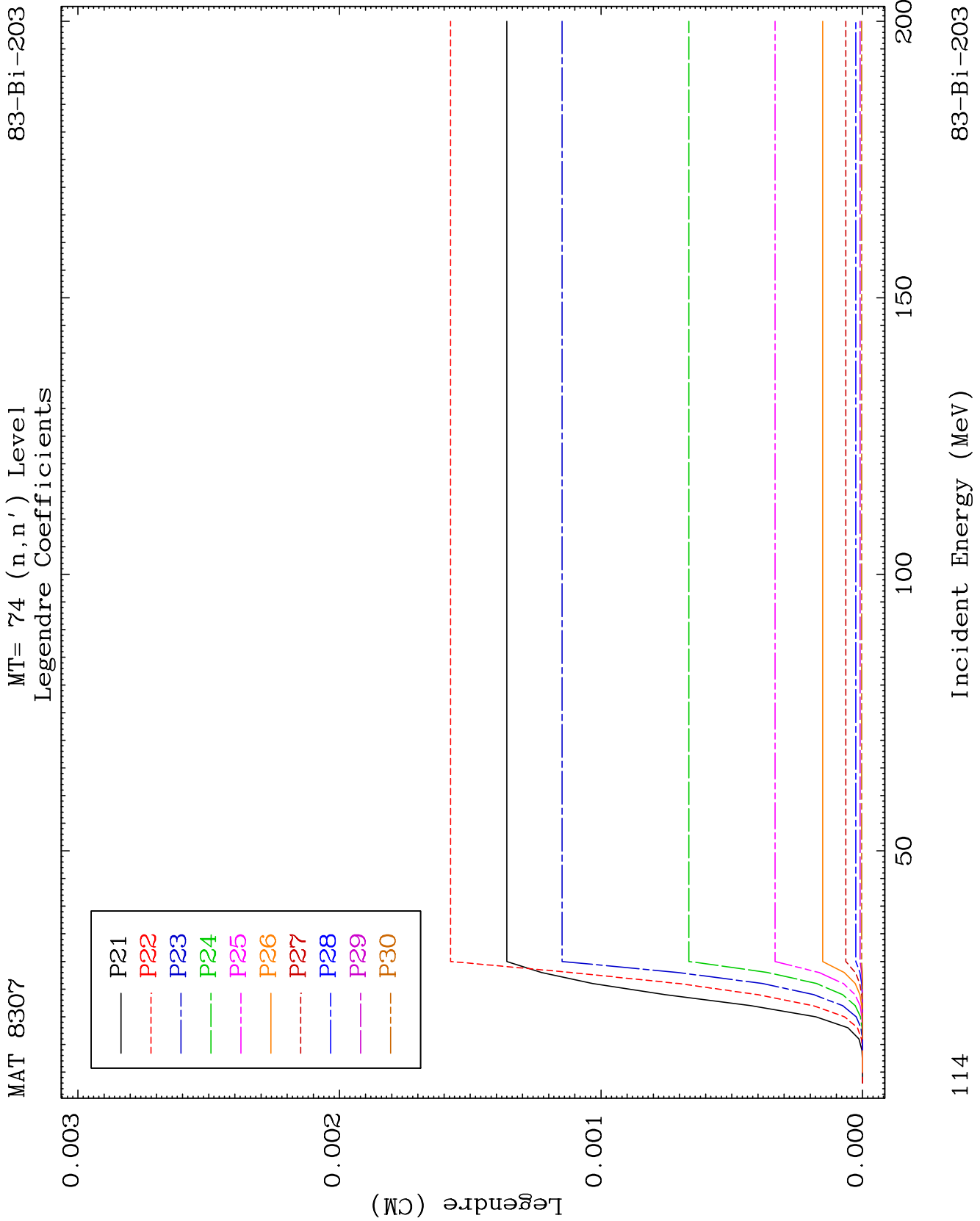


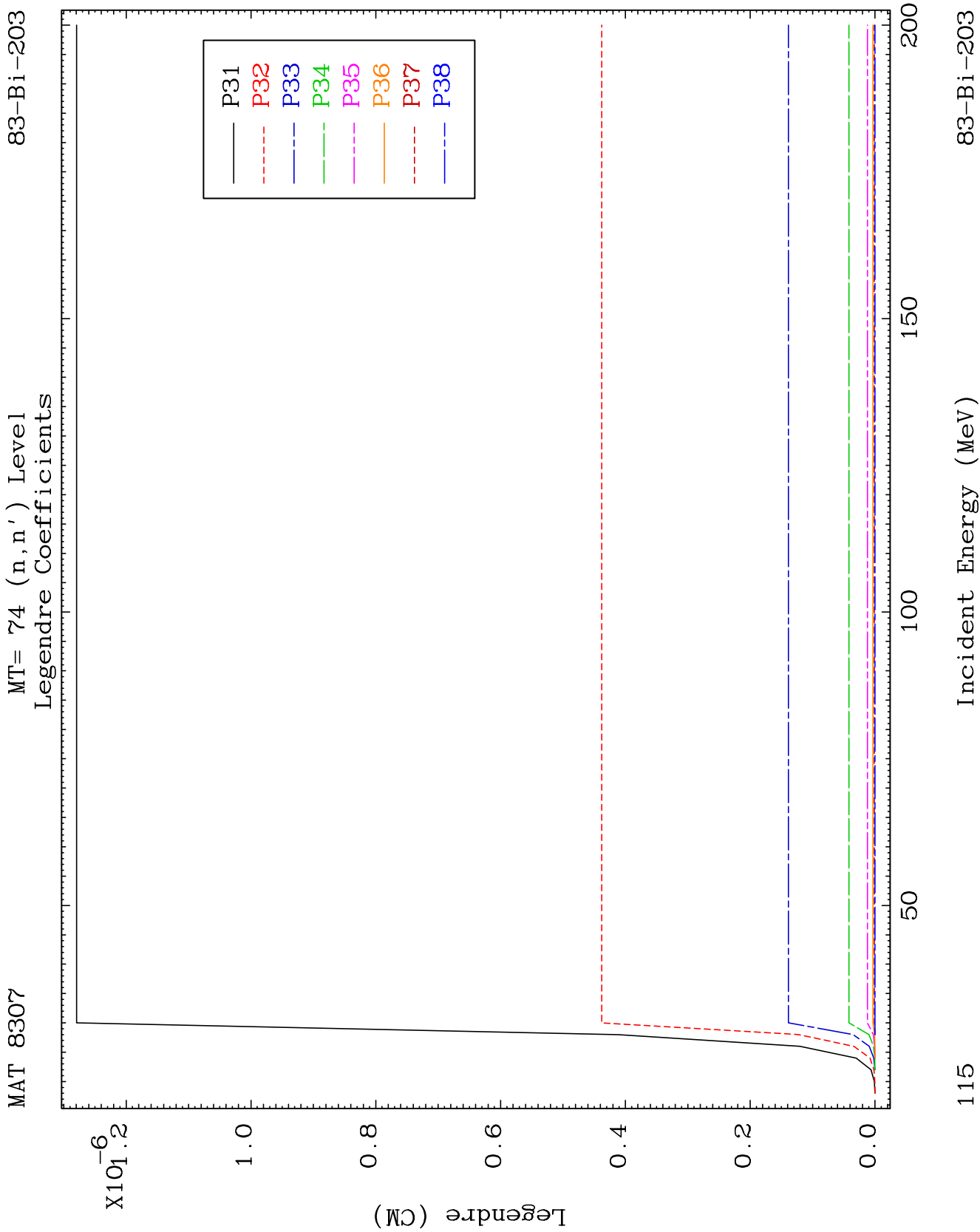
MAT 8307

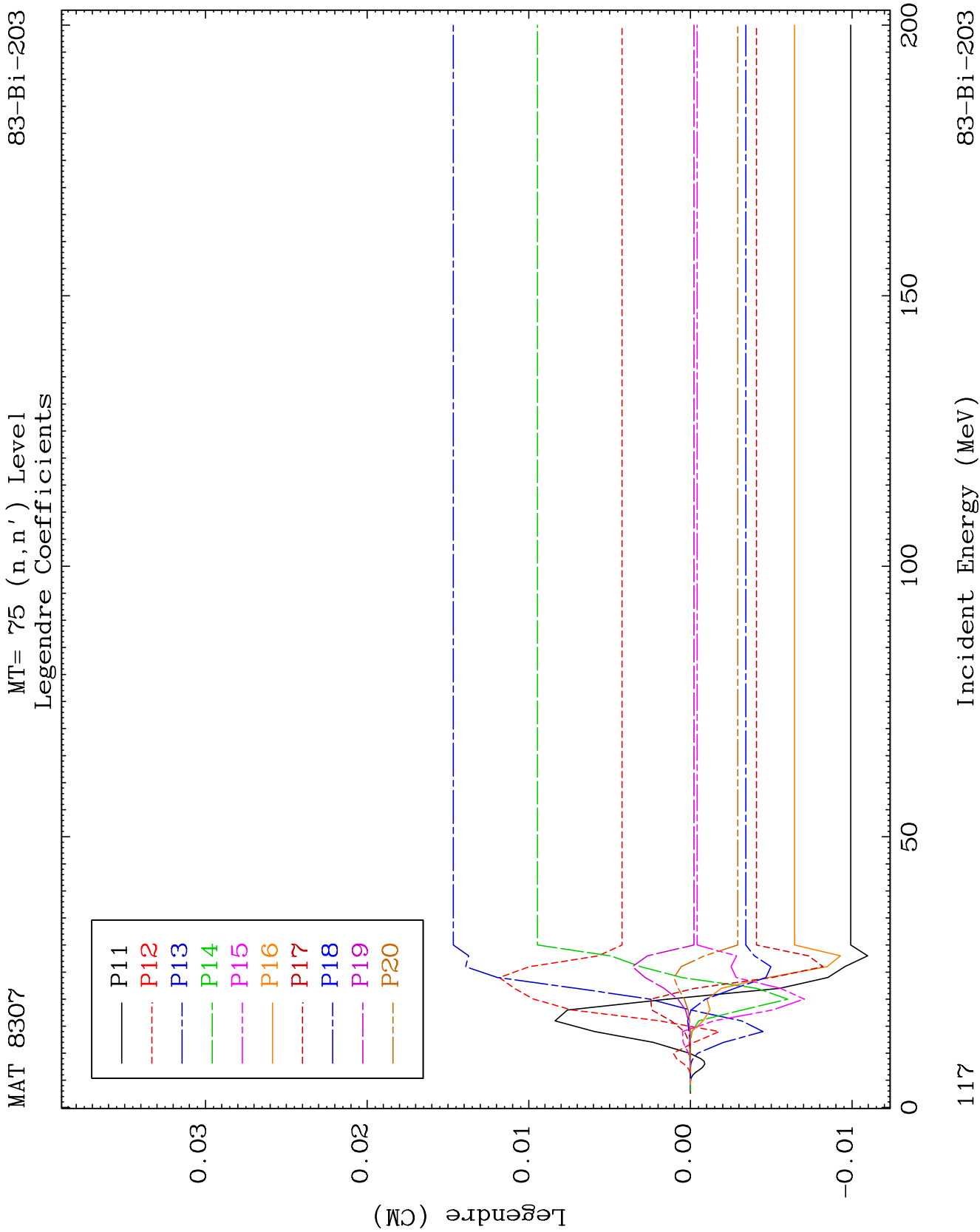
83-Bi-203

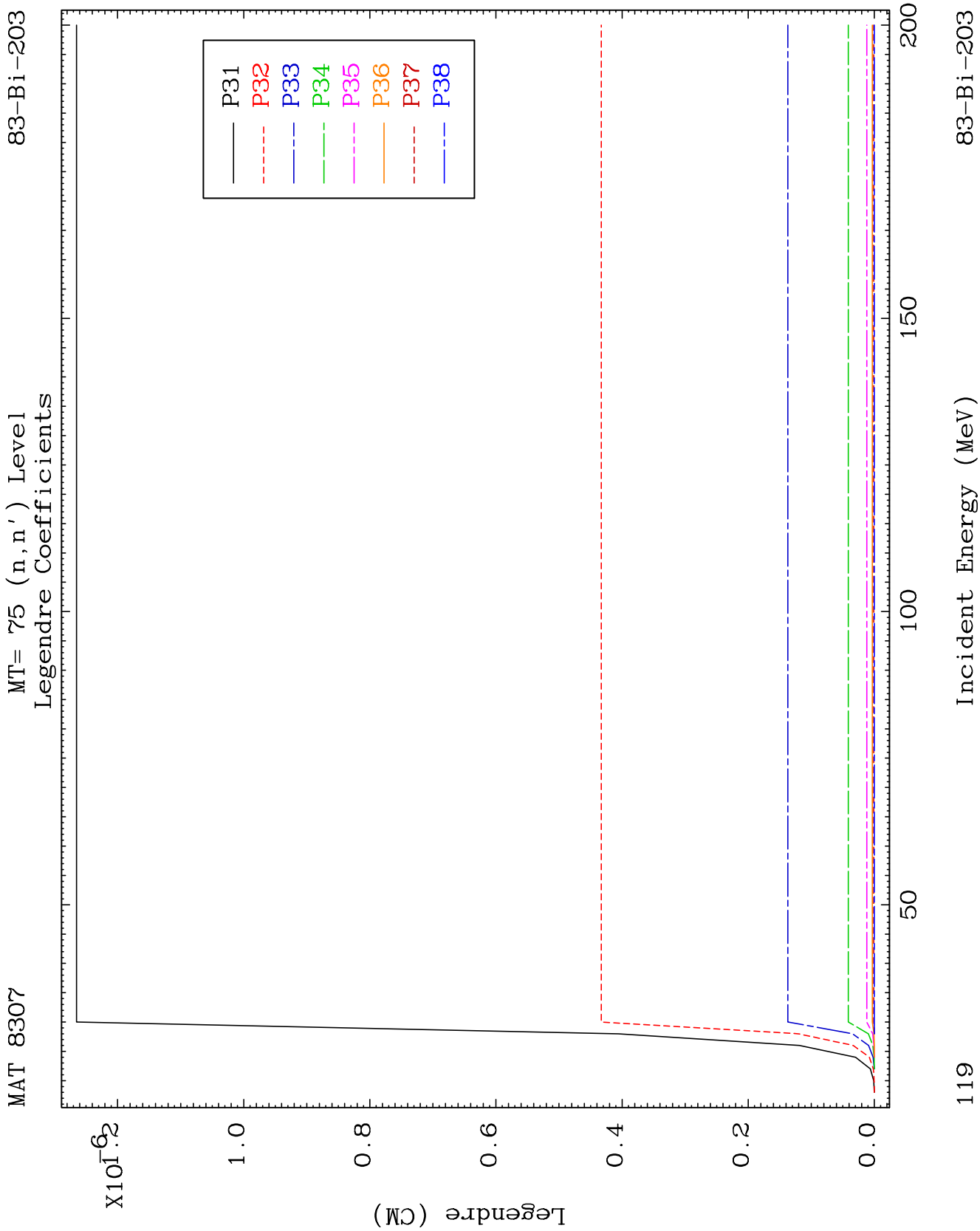
MT= 74 (n, n') Level
Legendre Coefficients







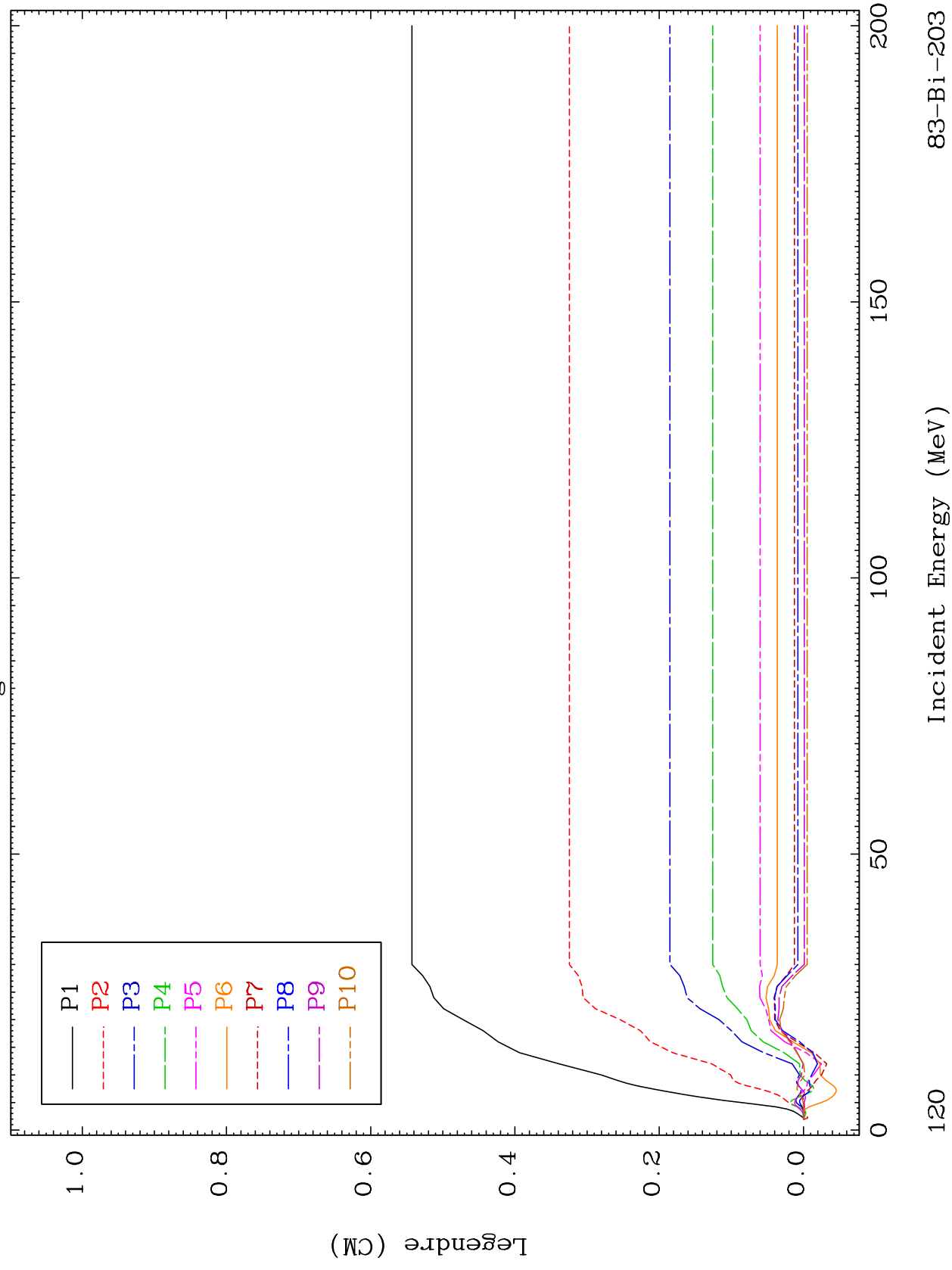


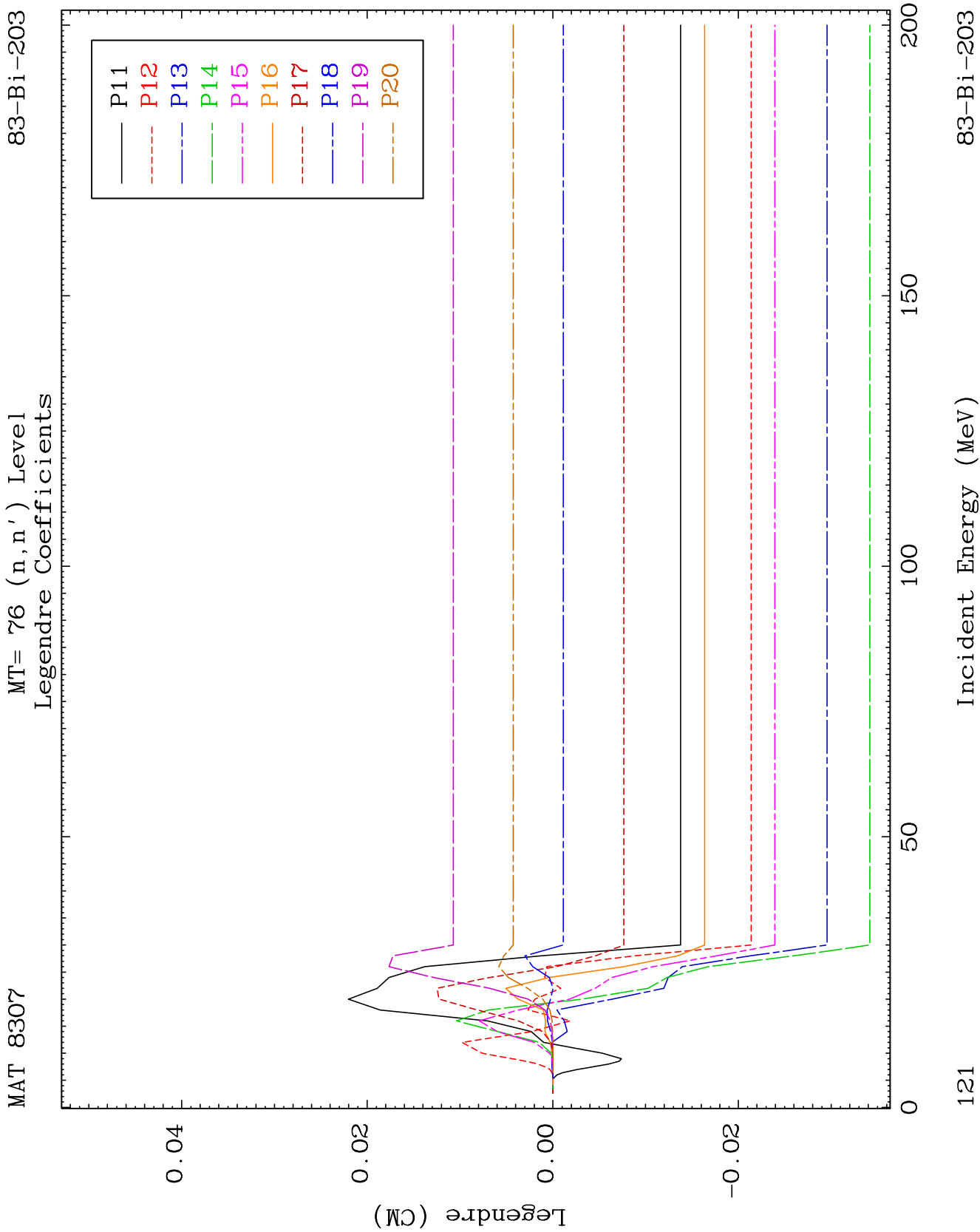


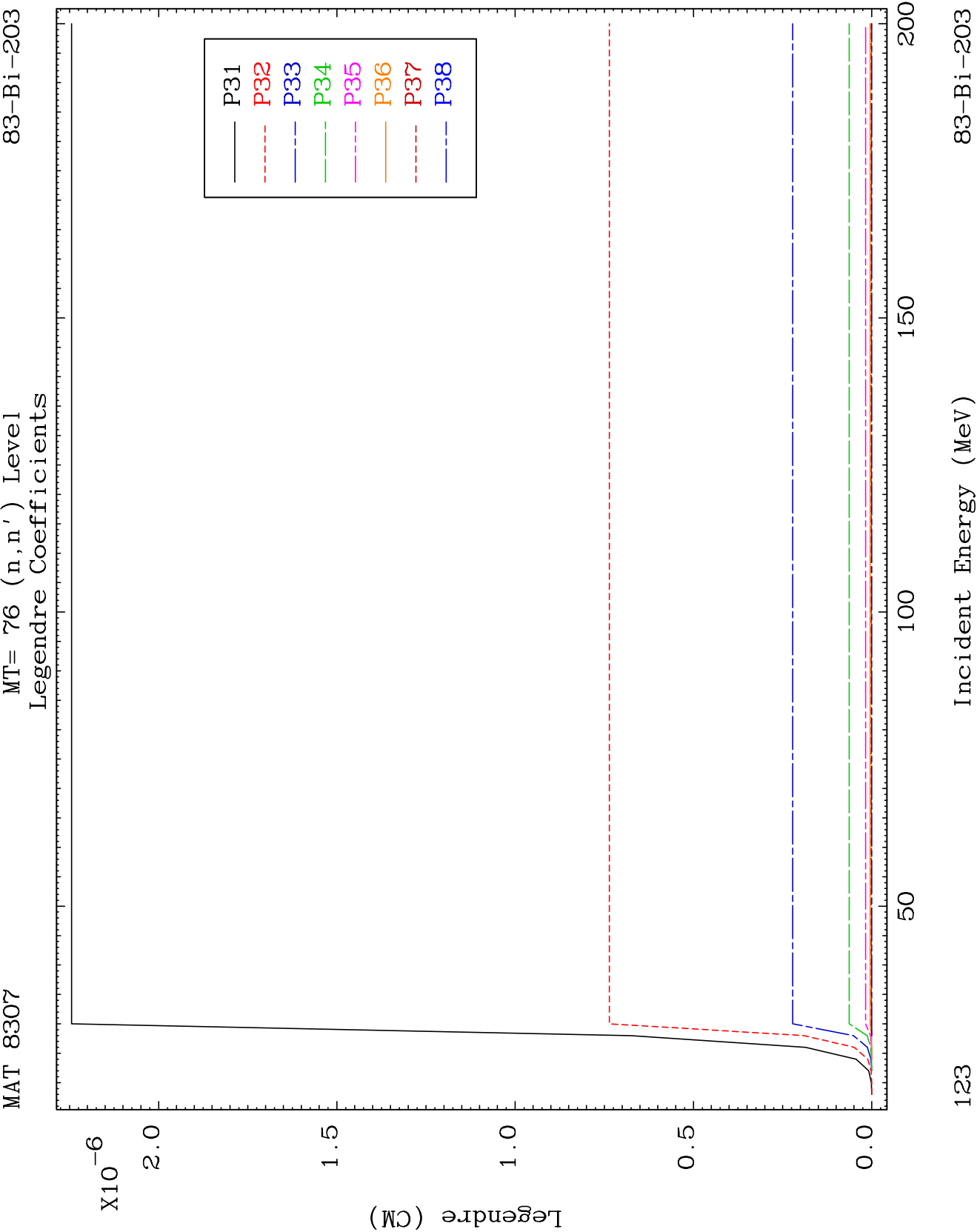
MAT 8307

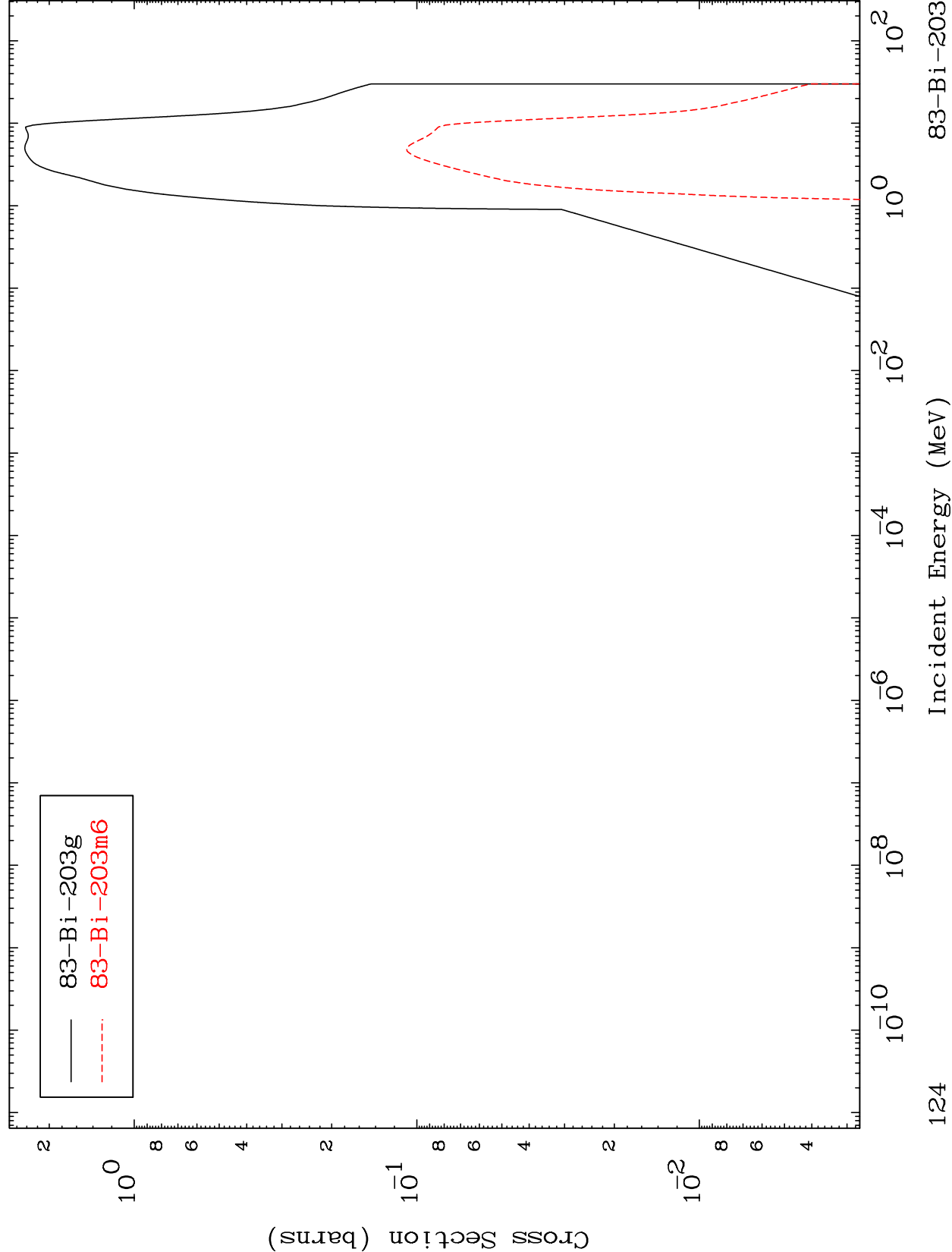
MT= 76 (n, n') Level
Legendre Coefficients

83-Bi-203

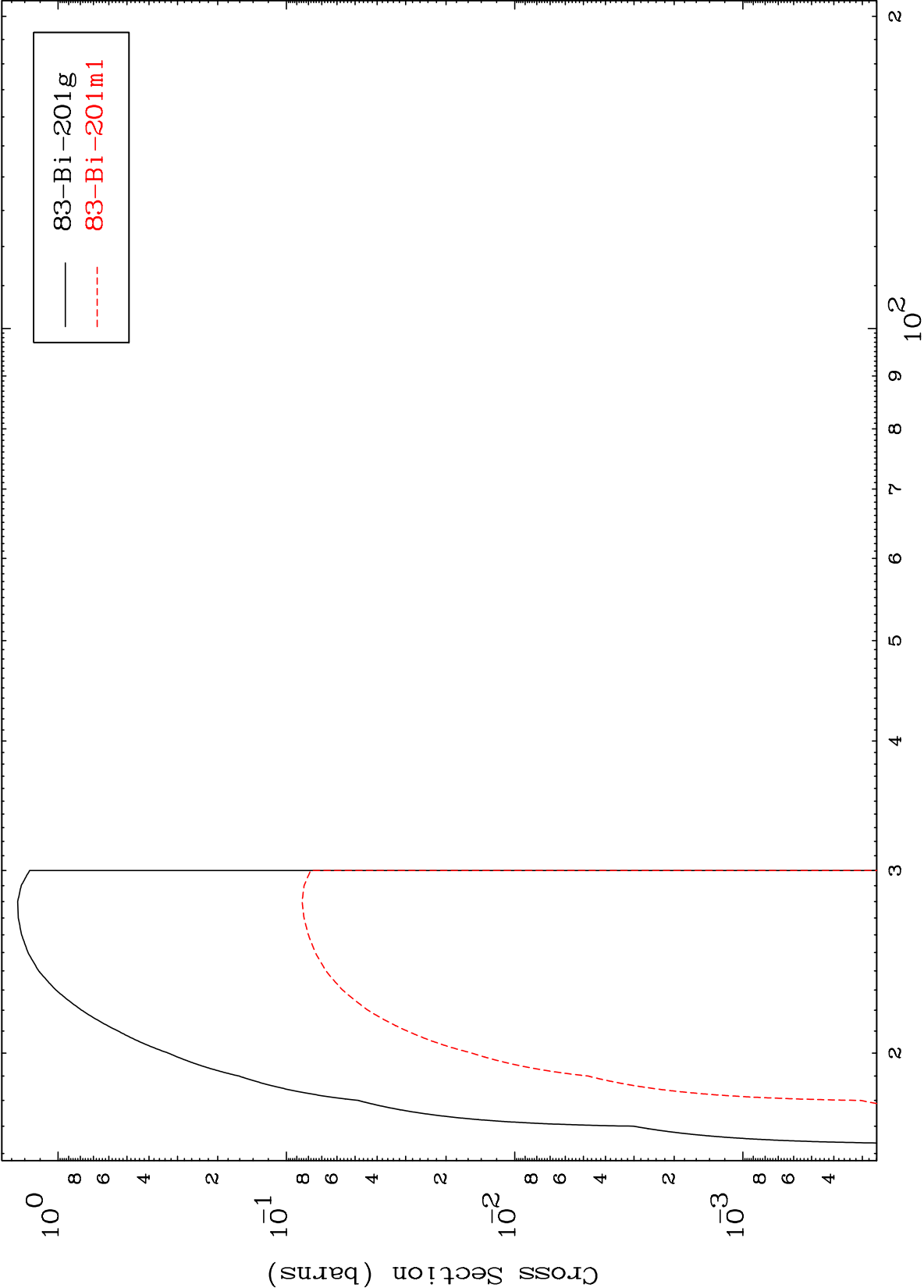








(n,3n)
Radionuclide Production Cross Section

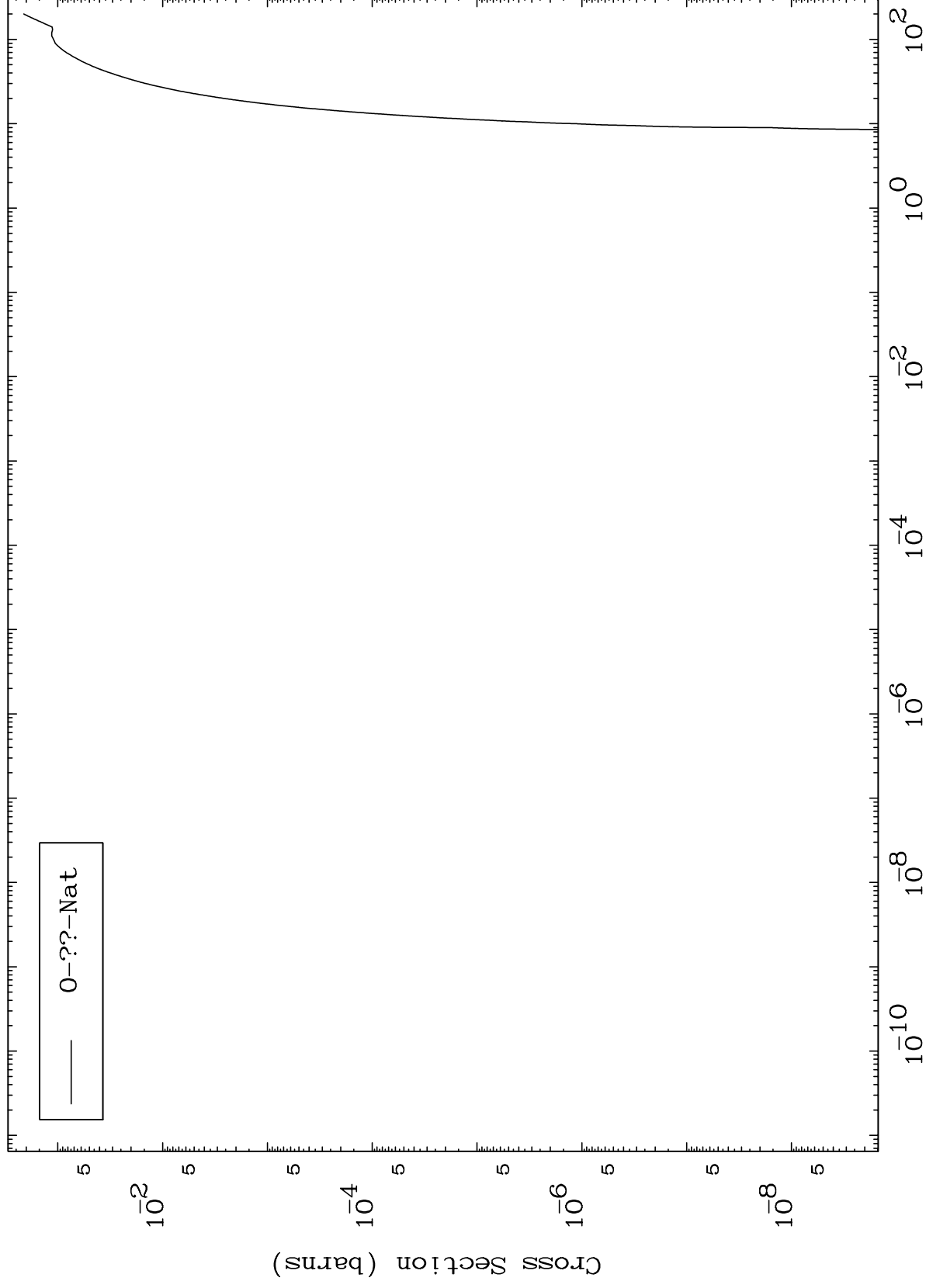


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Fission

83-Bi-203

Radionuclide Production Cross Section

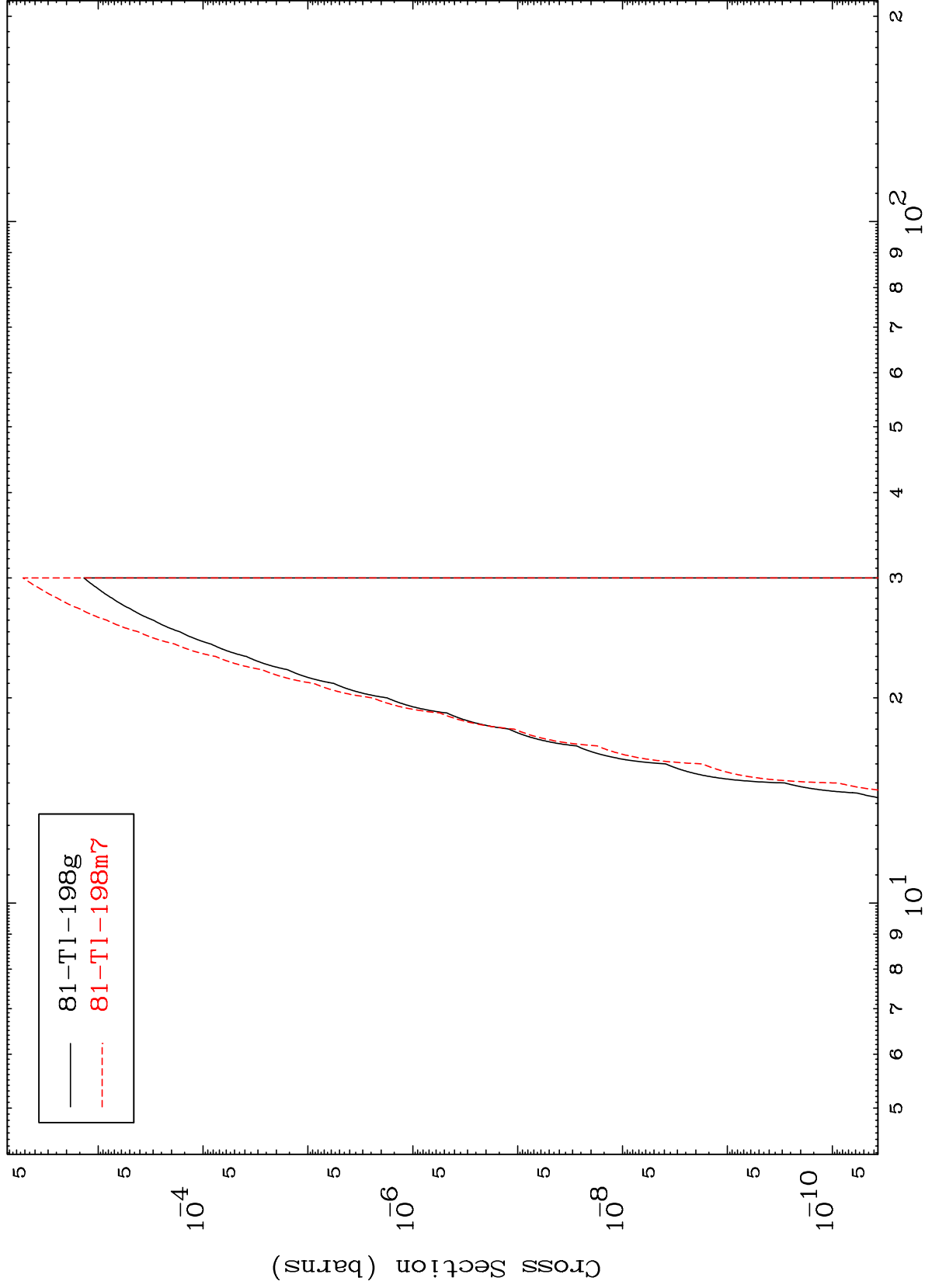


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83-Bi-203

(n,2n) α
Radionuclide Production Cross Section

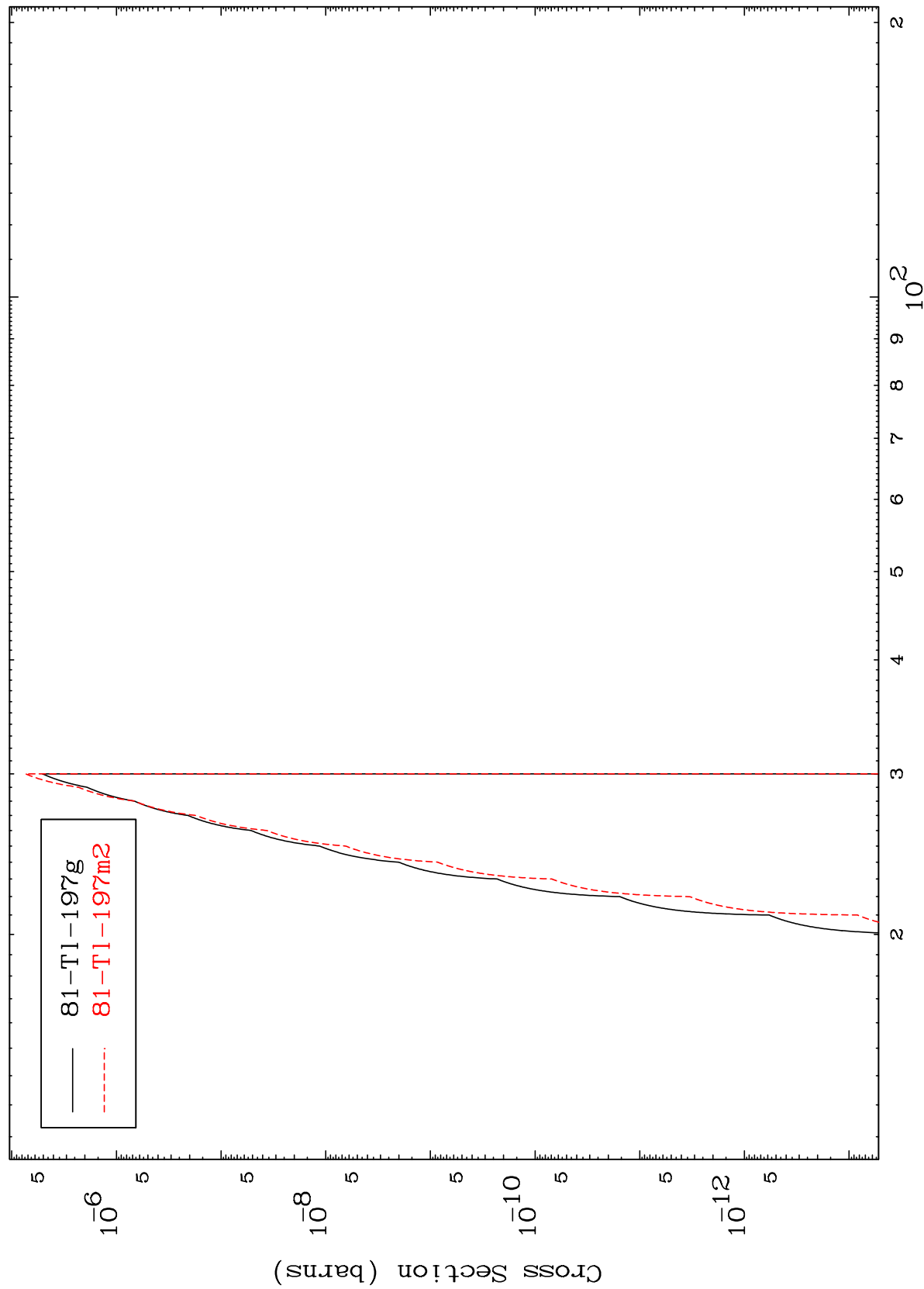


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Incident Energy (MeV)

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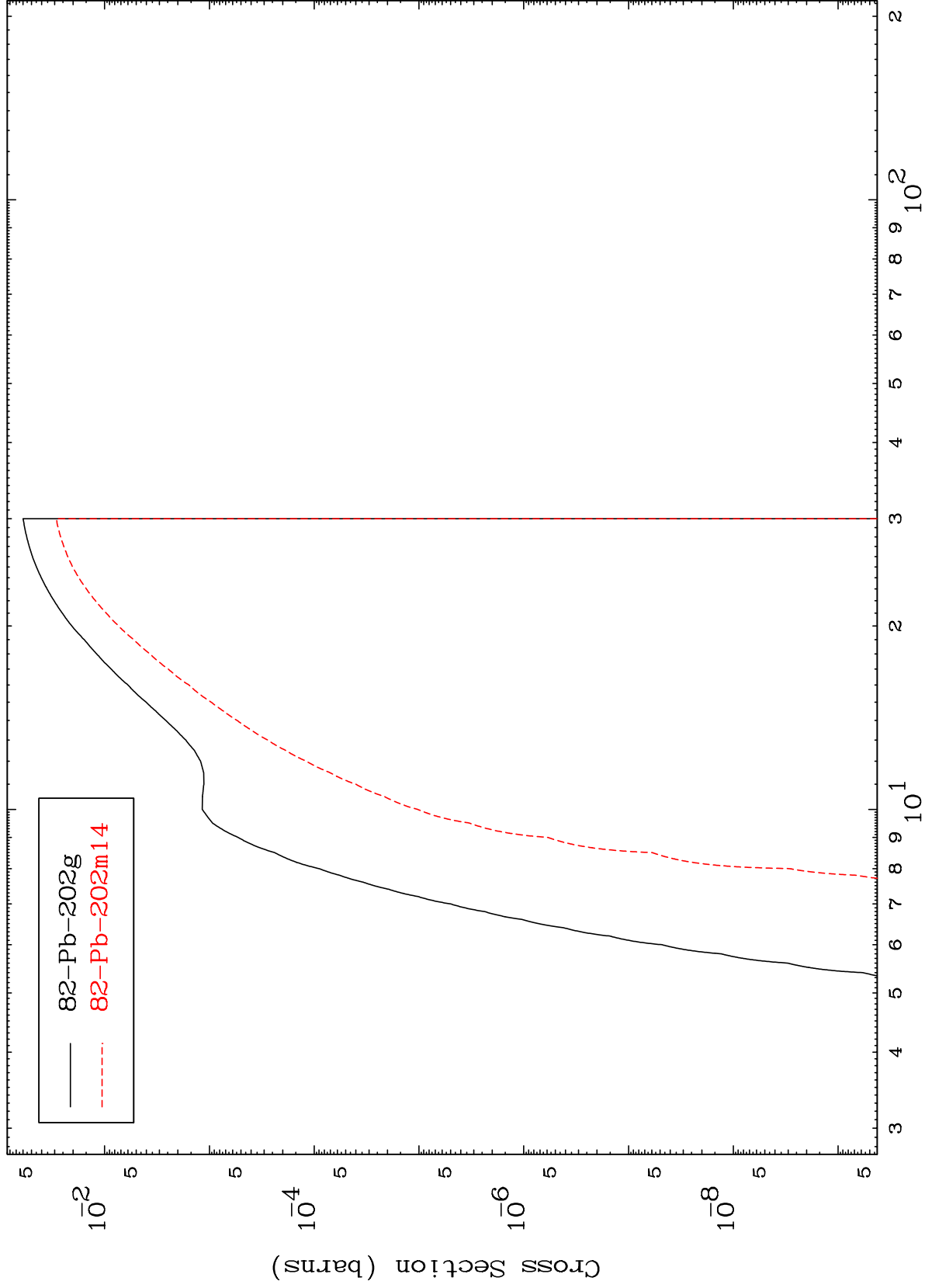
Radionuclide Production Cross Section
(n,3n) α



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(n,n') p
Radionuclide Production Cross Section



129

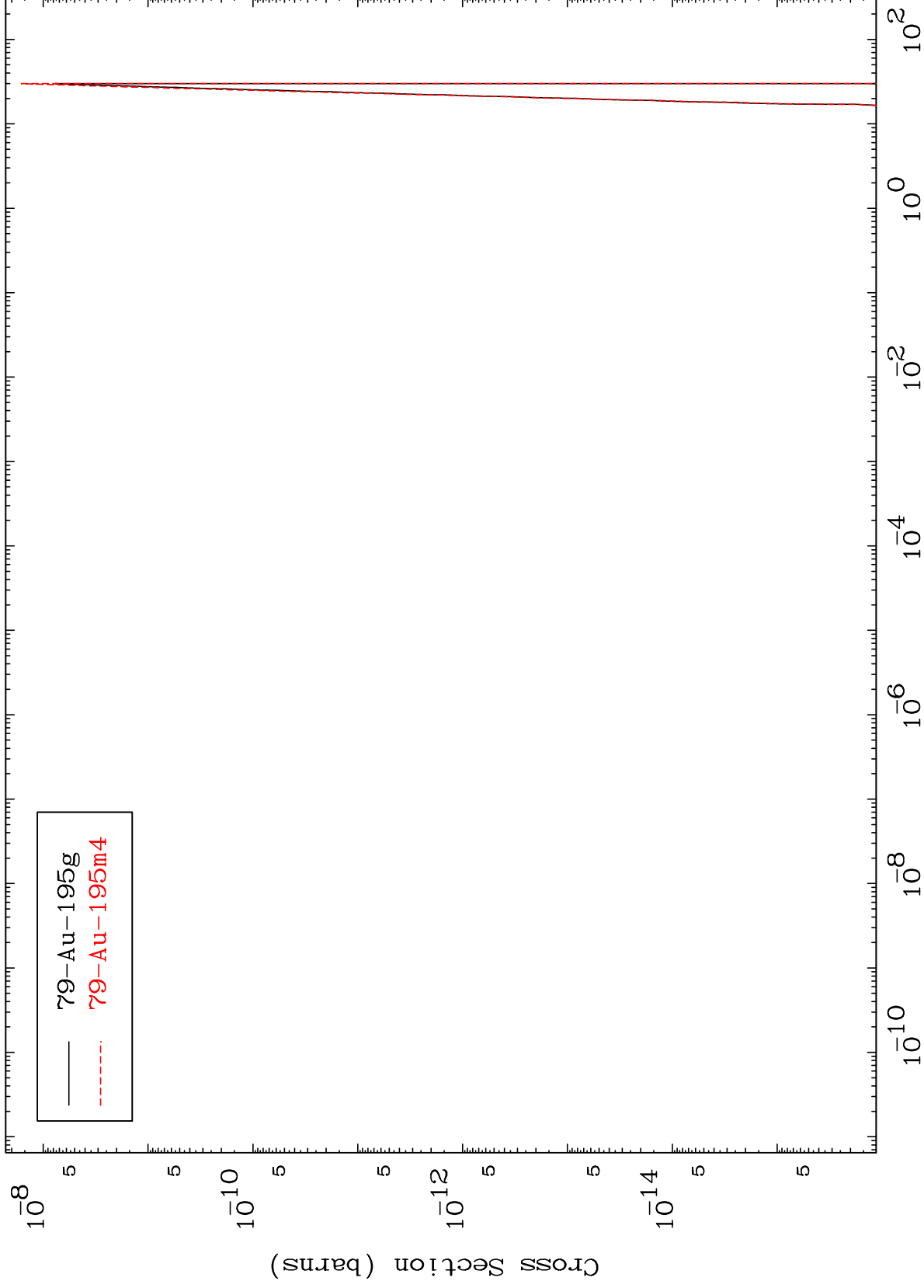
Incident Energy (MeV)

83-Bi-203

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83-Bi-203

(n,n') 2 α
Radionuclide Production Cross Section



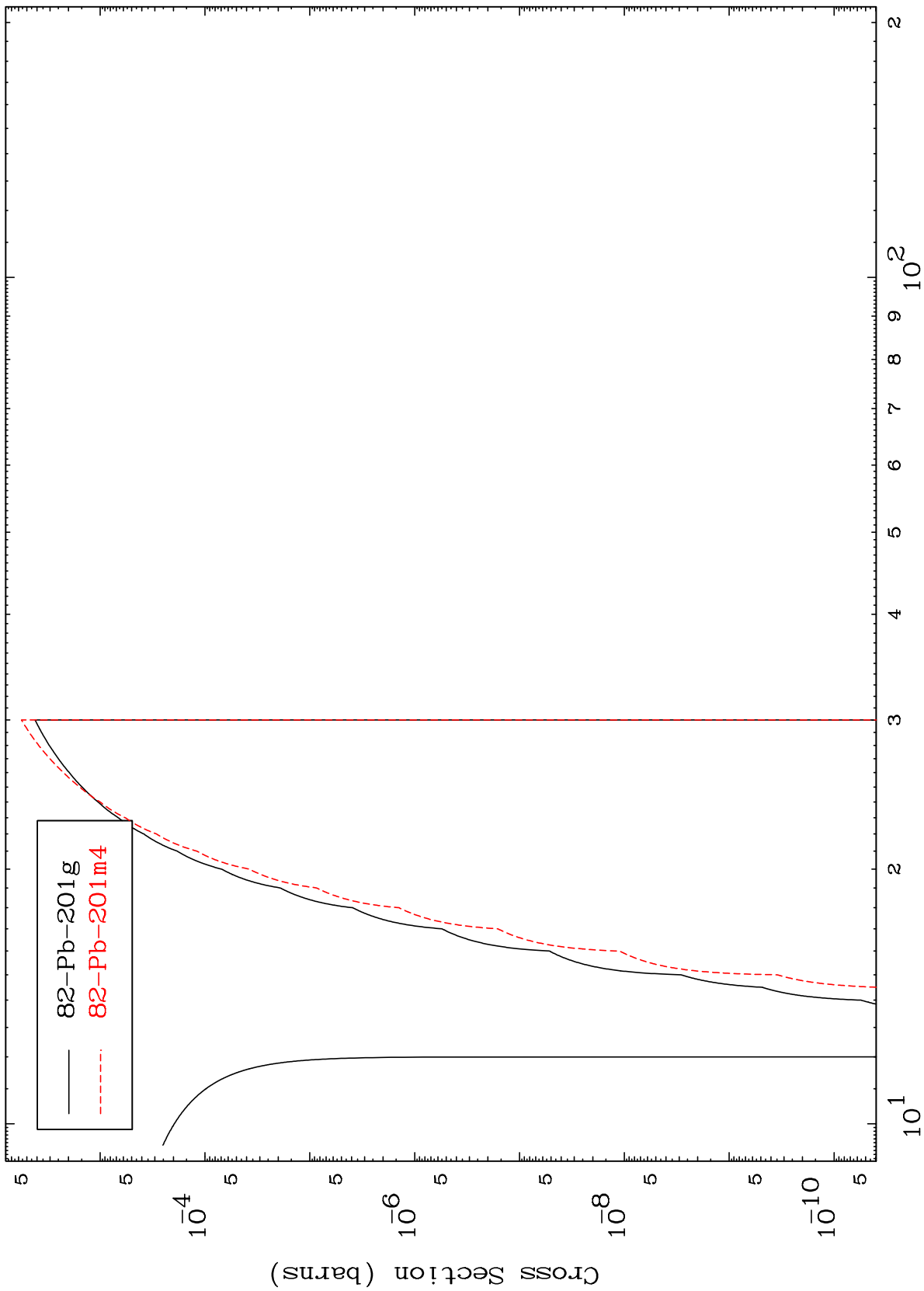
130

83-Bi-203

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83-Bi-203

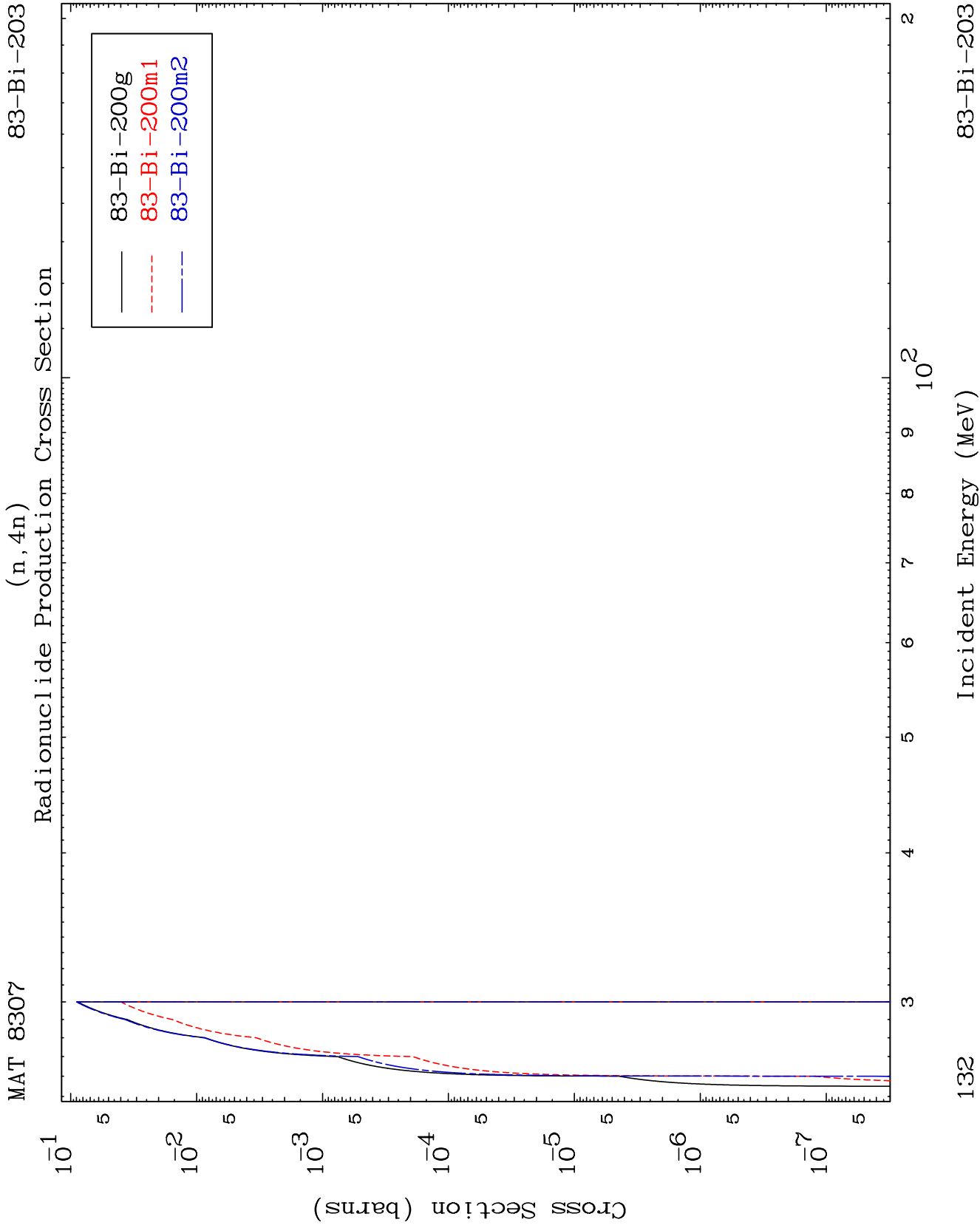
(n,n') d
Radionuclide Production Cross Section



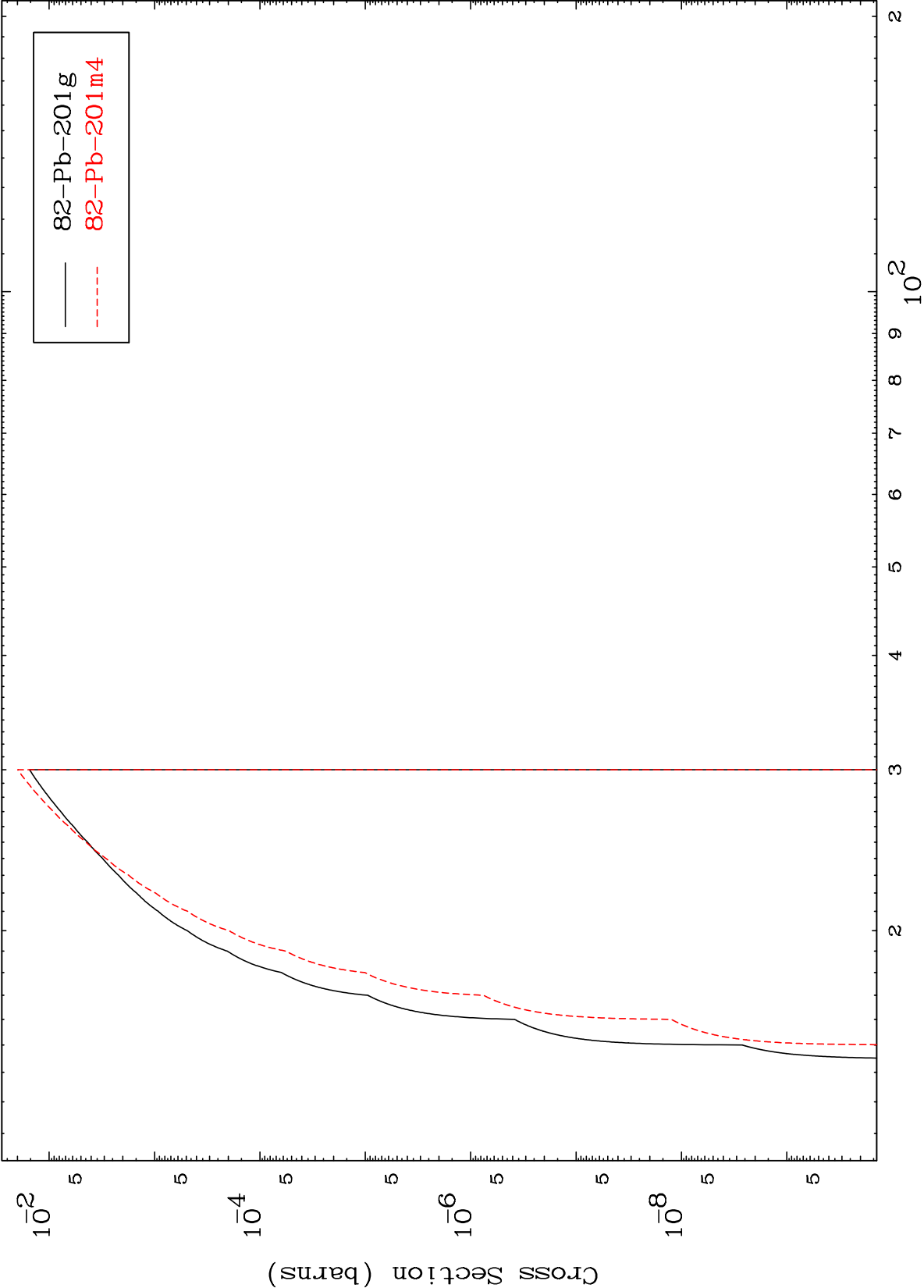
83-Bi-203

Incident Energy (MeV)

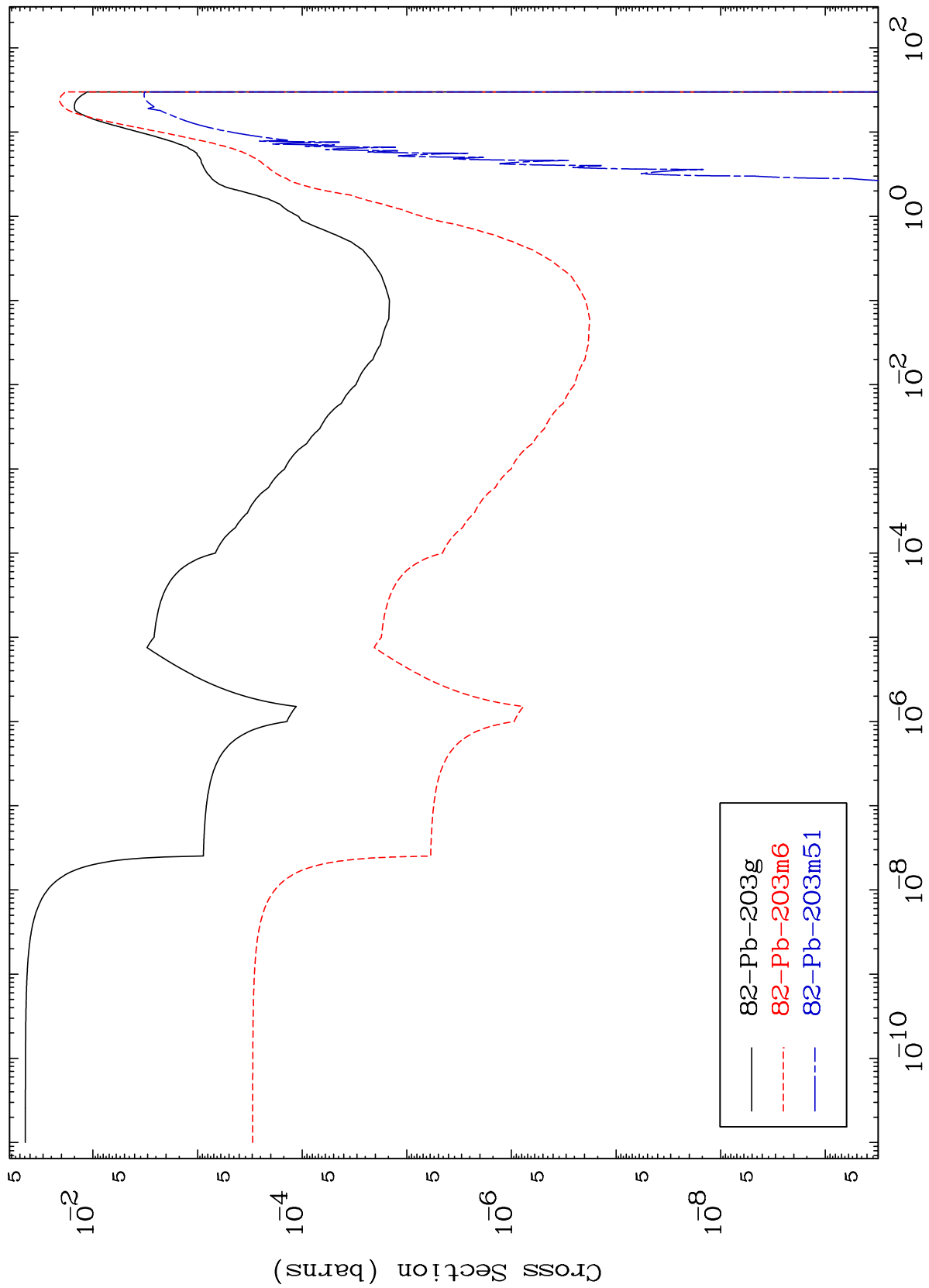
131



(n,2n) p
Radionuclide Production Cross Section



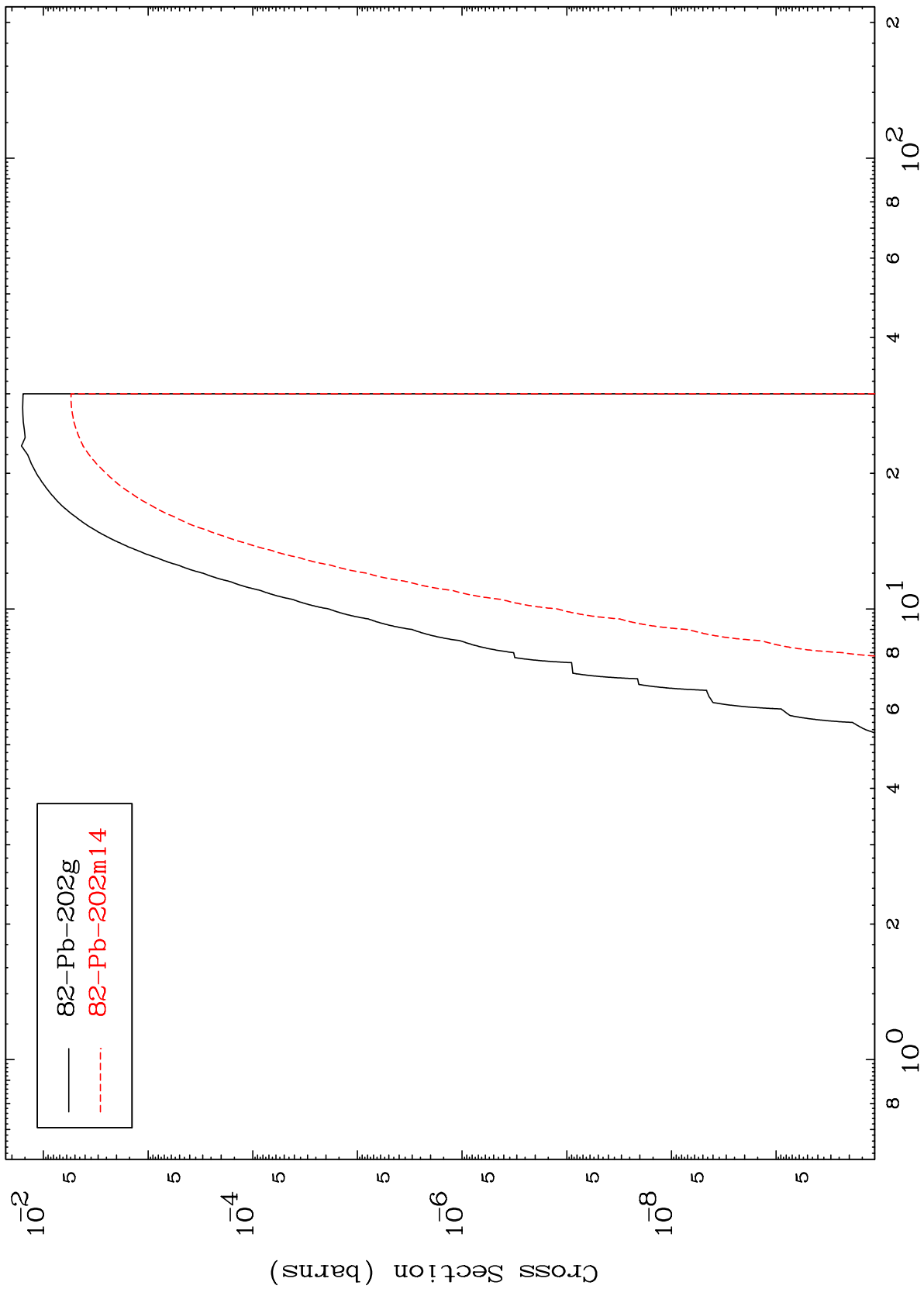
Radionuclide Production Cross Section (n,p)



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(n,d)
Radionuclide Production Cross Section



135

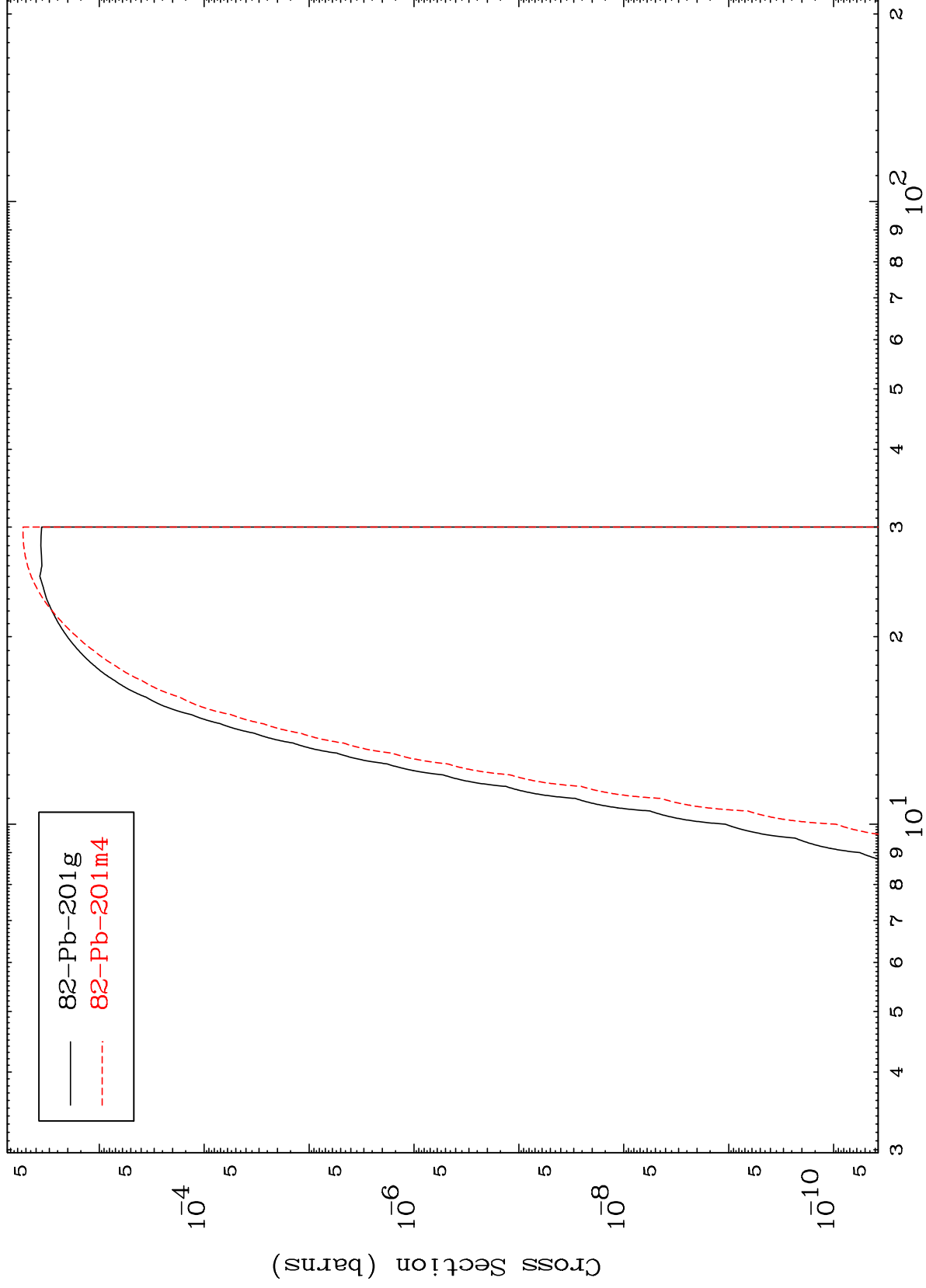
Incident Energy (MeV)

83-Bi-203

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83-Bi-203

Radionuclide Production Cross Section



136

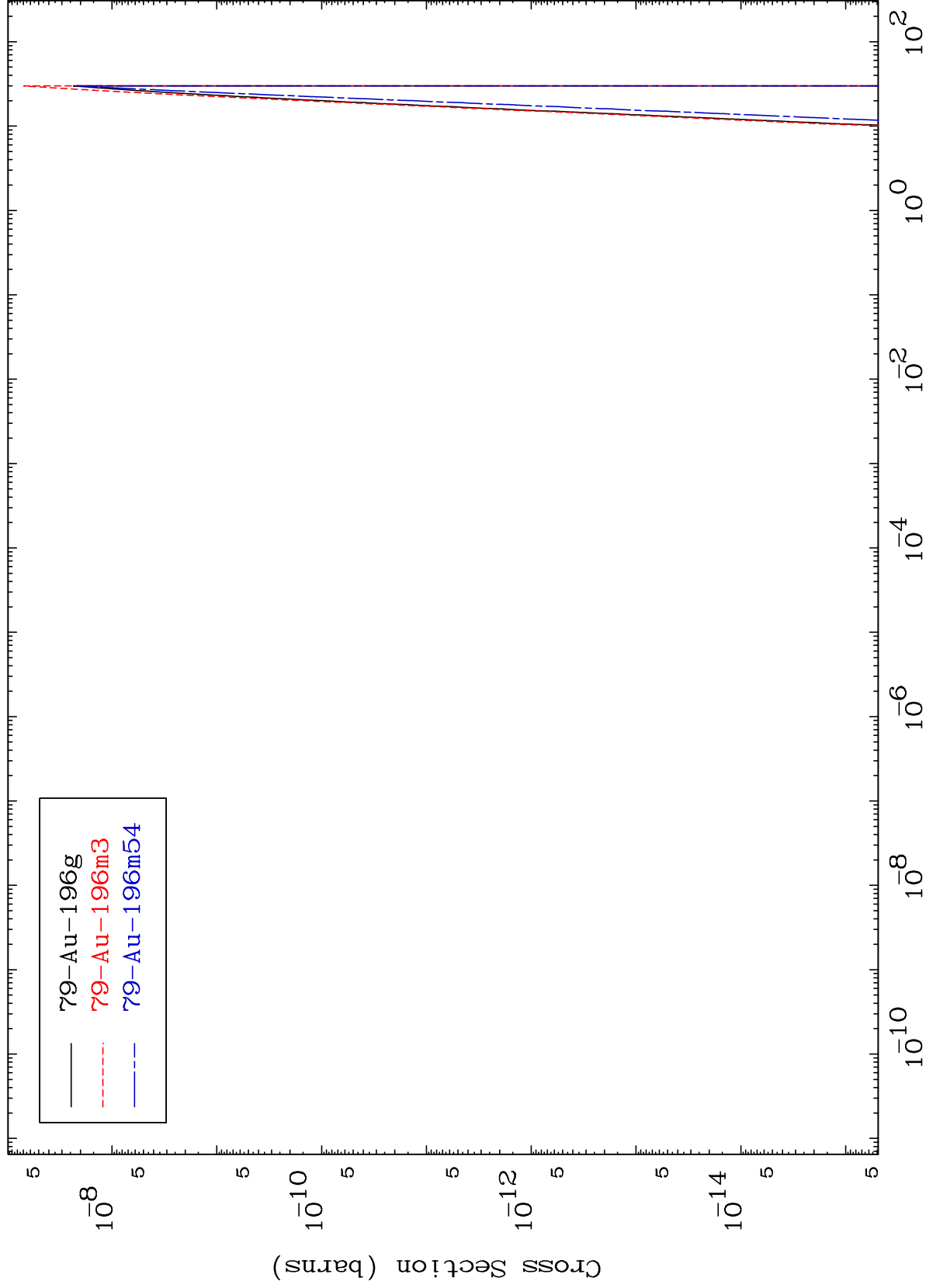
Incident Energy (MeV)

83-Bi-203

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83-Bi-203

(n,2α)
Radionuclide Production Cross Section



137

83-Bi-203

Radionuclide Production Cross Section

