

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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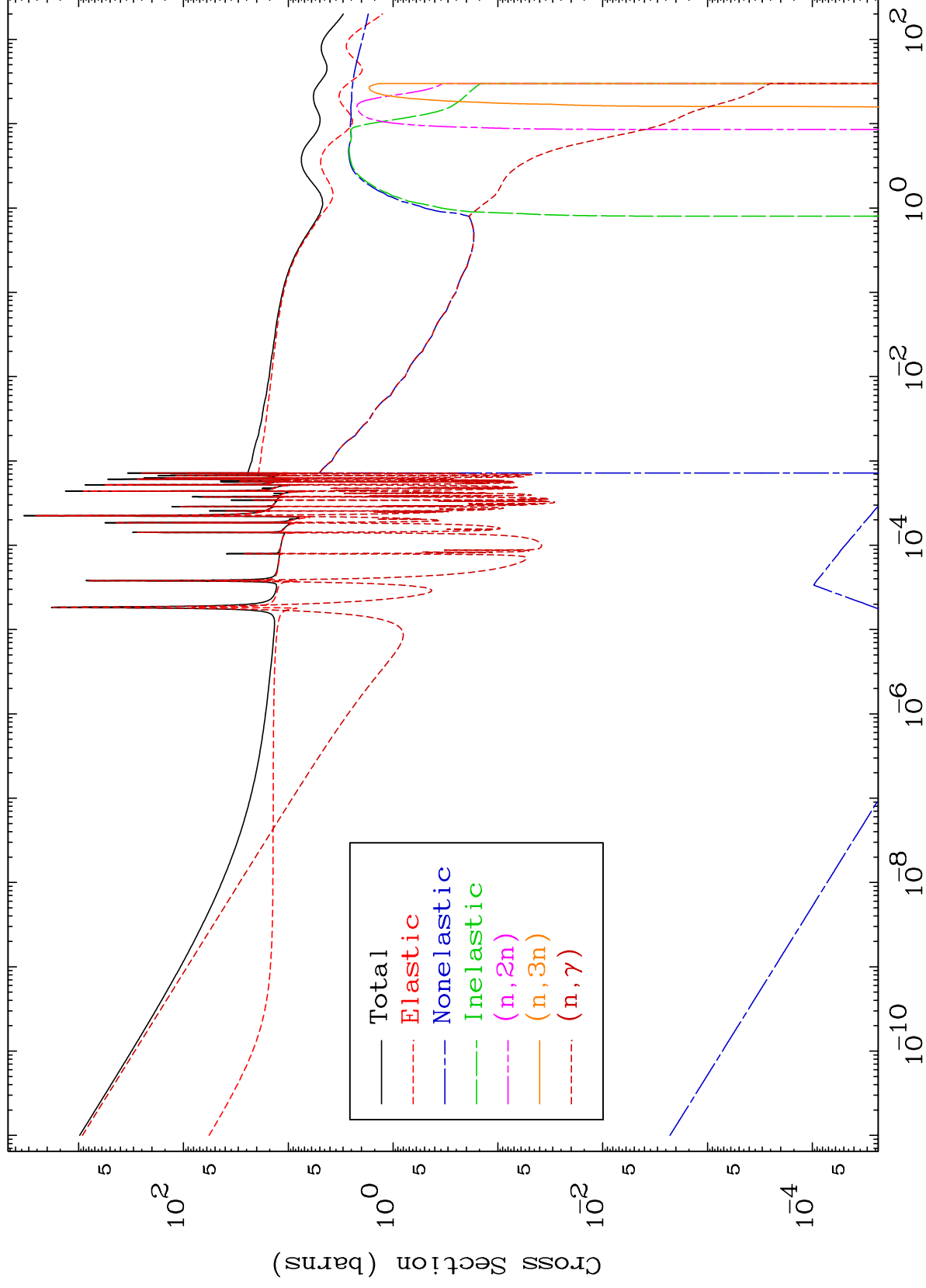
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8313

Neutron Major
293 Kelvin Cross Sections

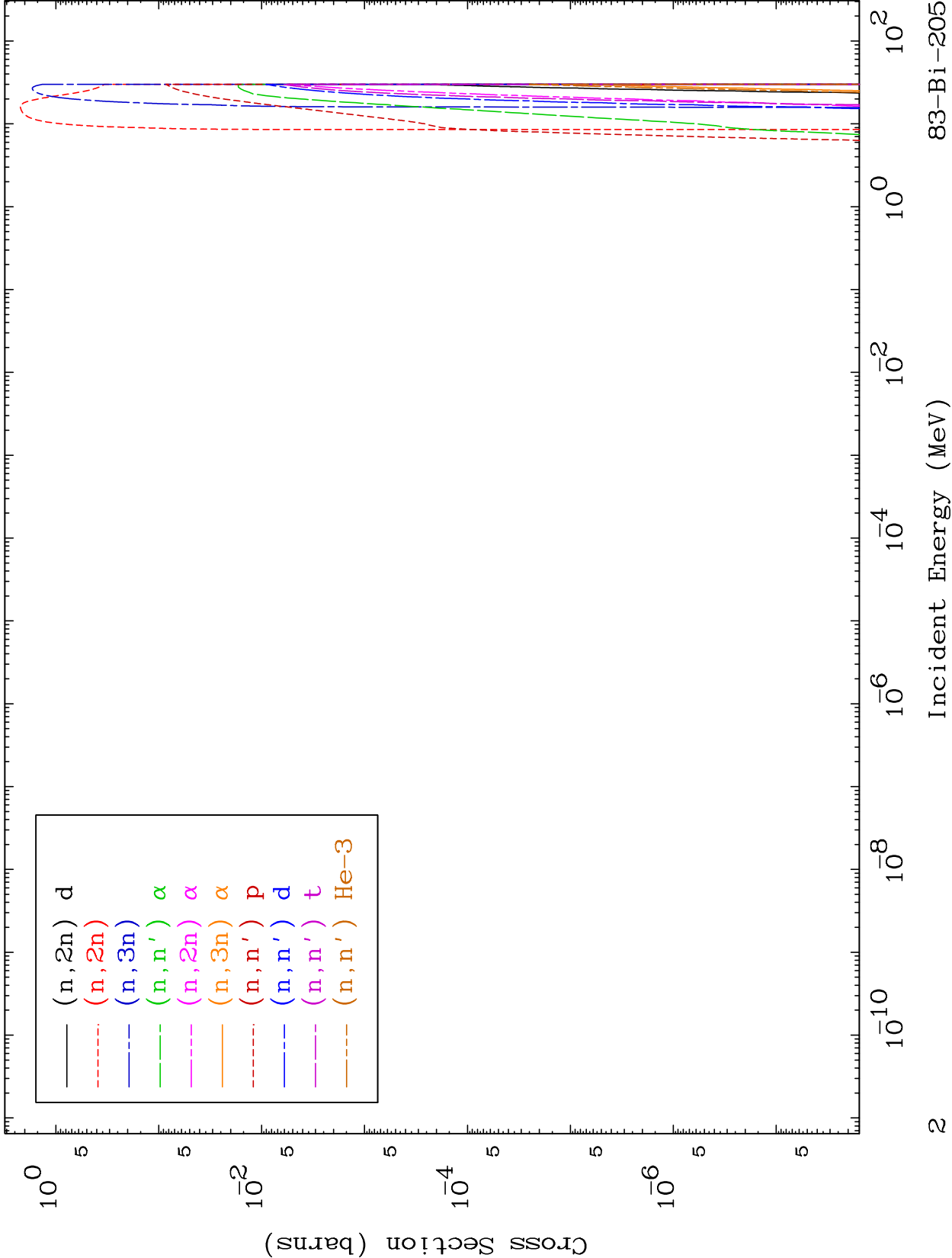
83-Bi-205

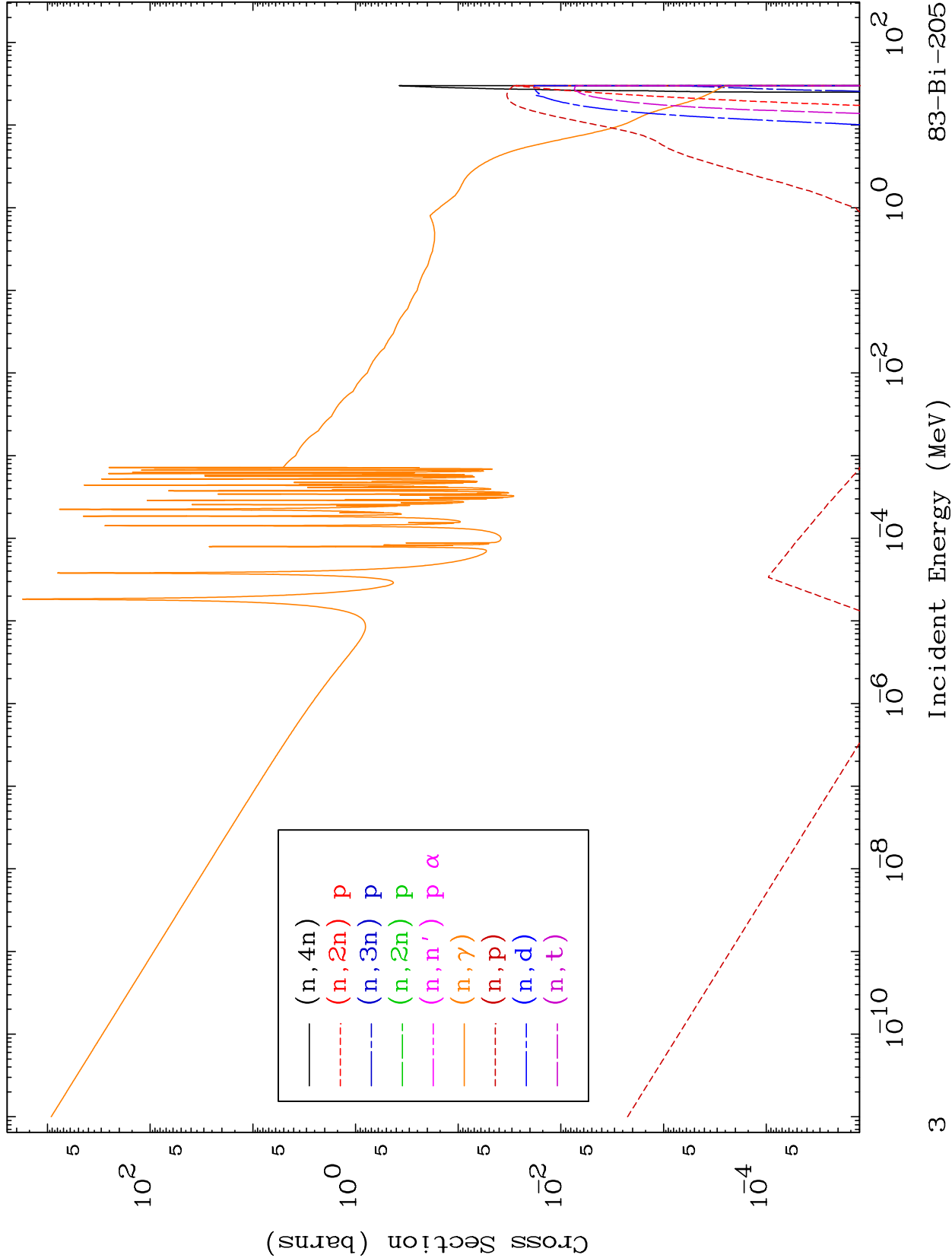


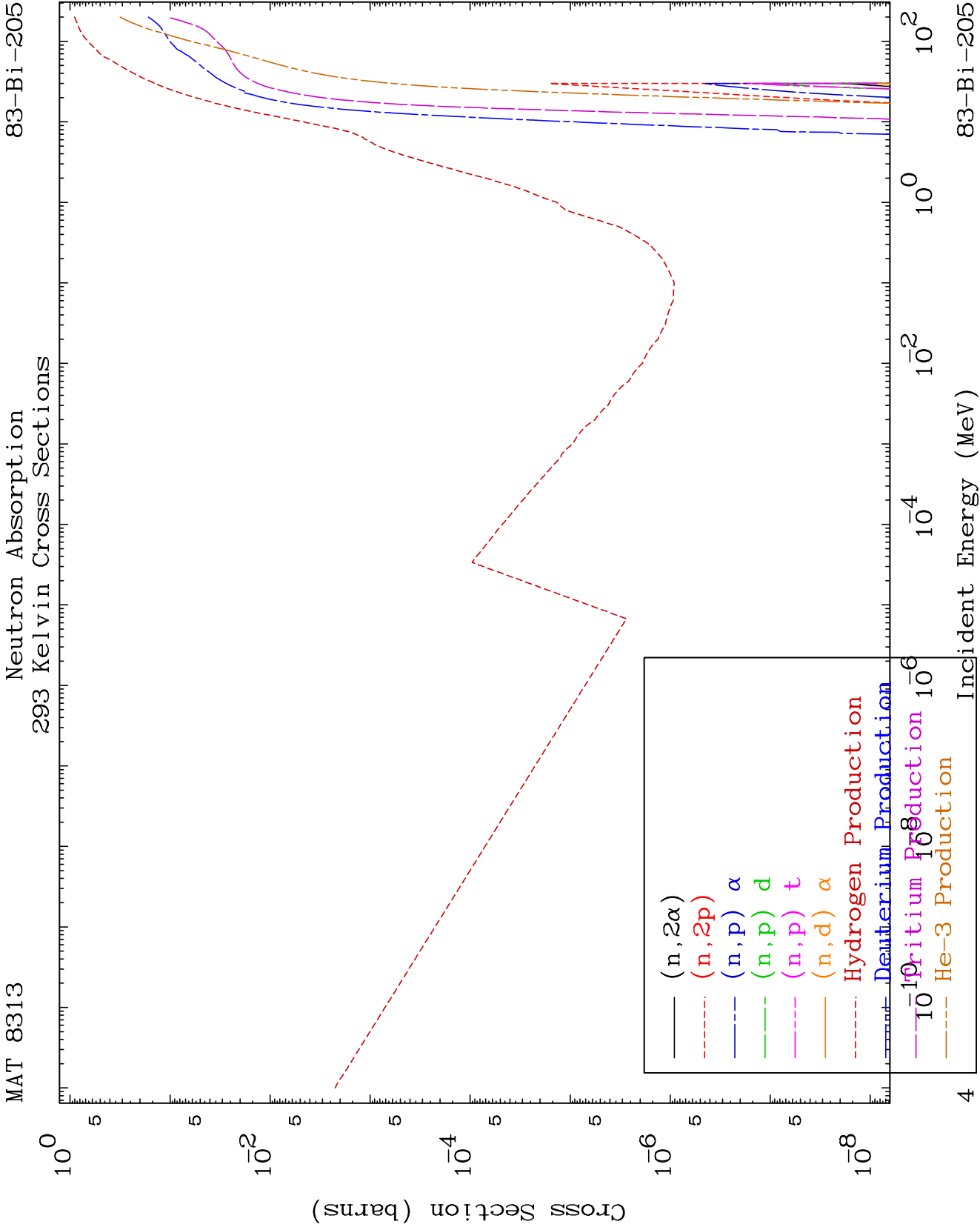
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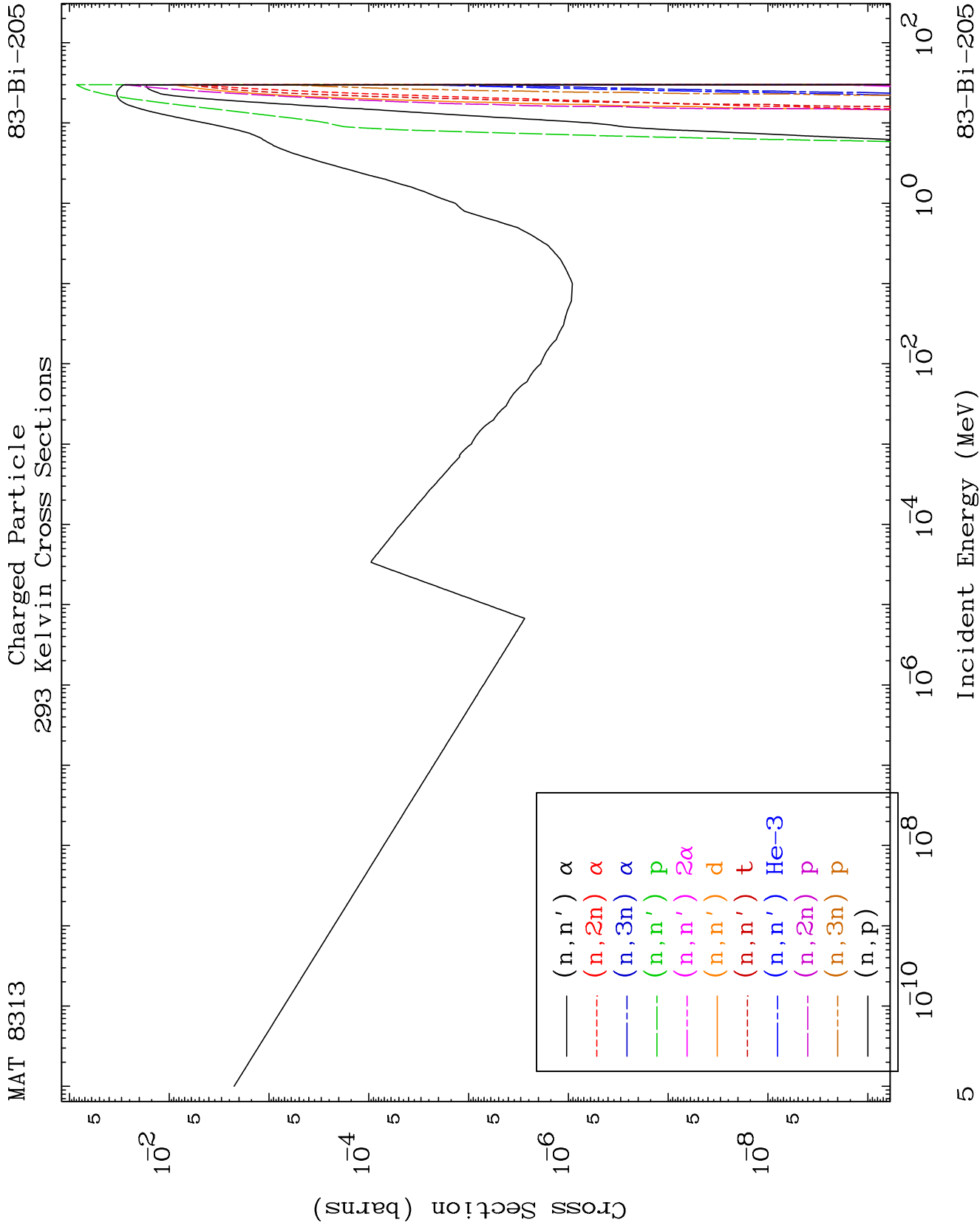
Neutron Absorption
293 Kelvin Cross Sections

83-Bi-205





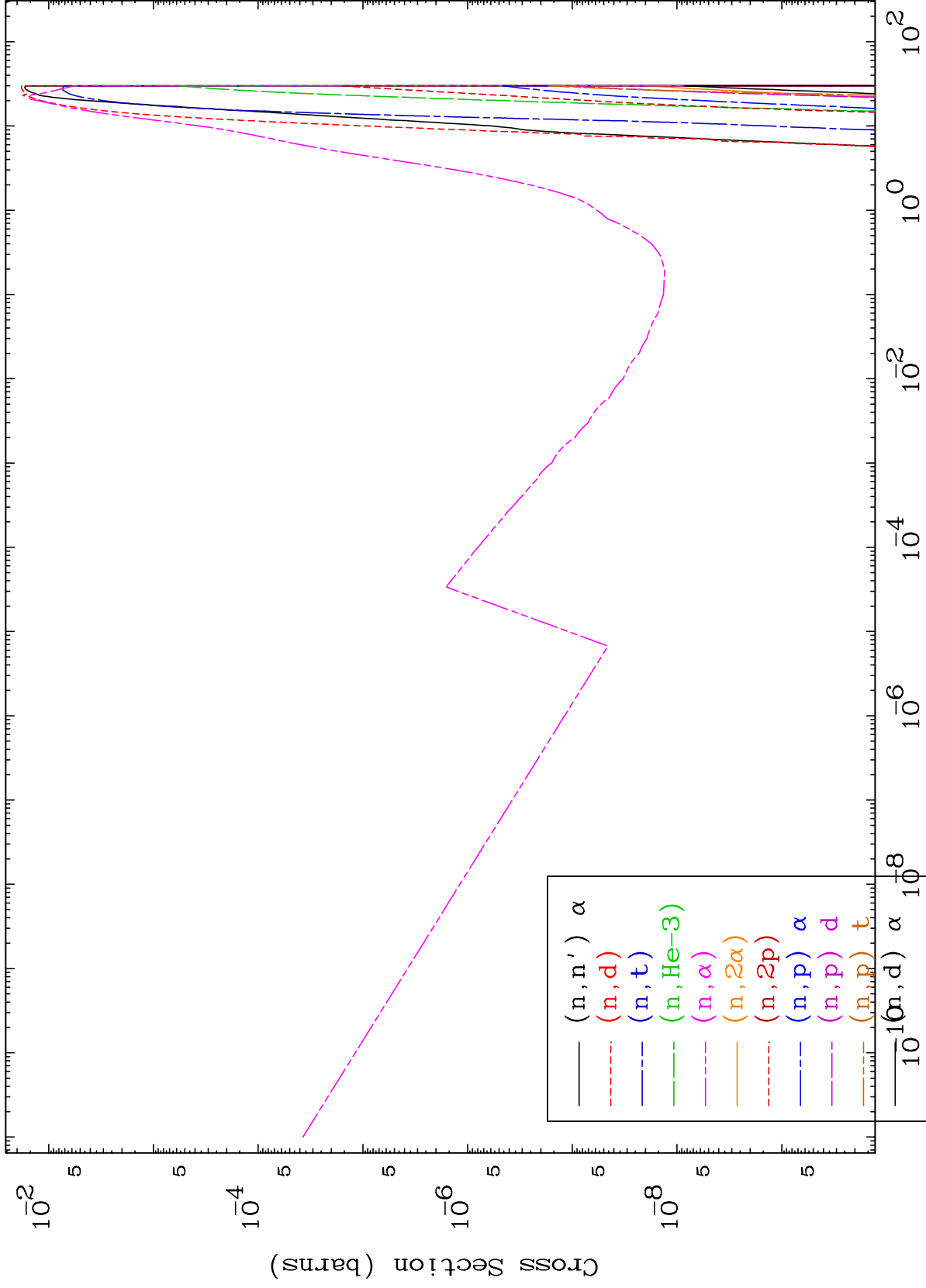


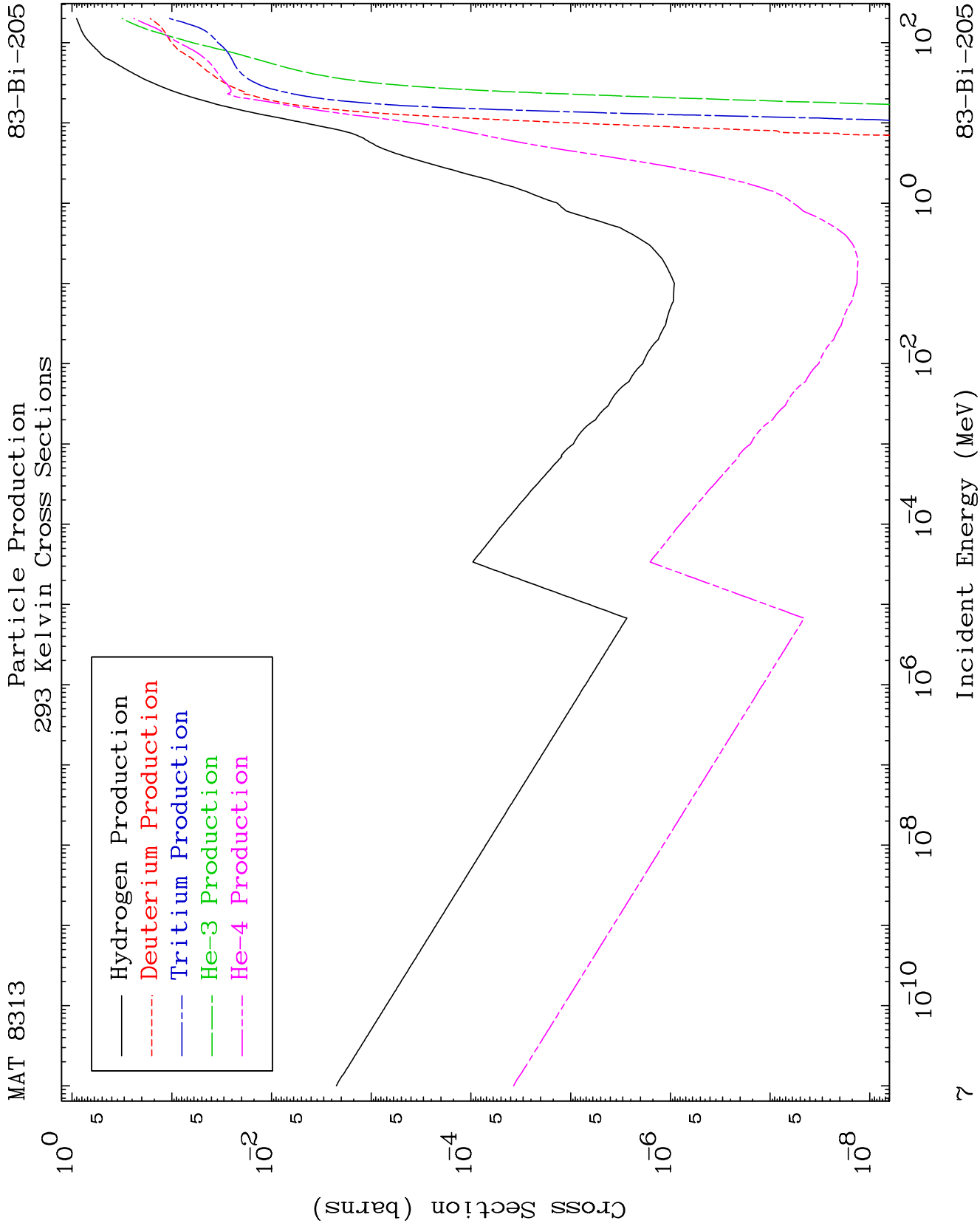


MAT 8313

Charged Particle
293 Kelvin Cross Sections

83-Bi-205



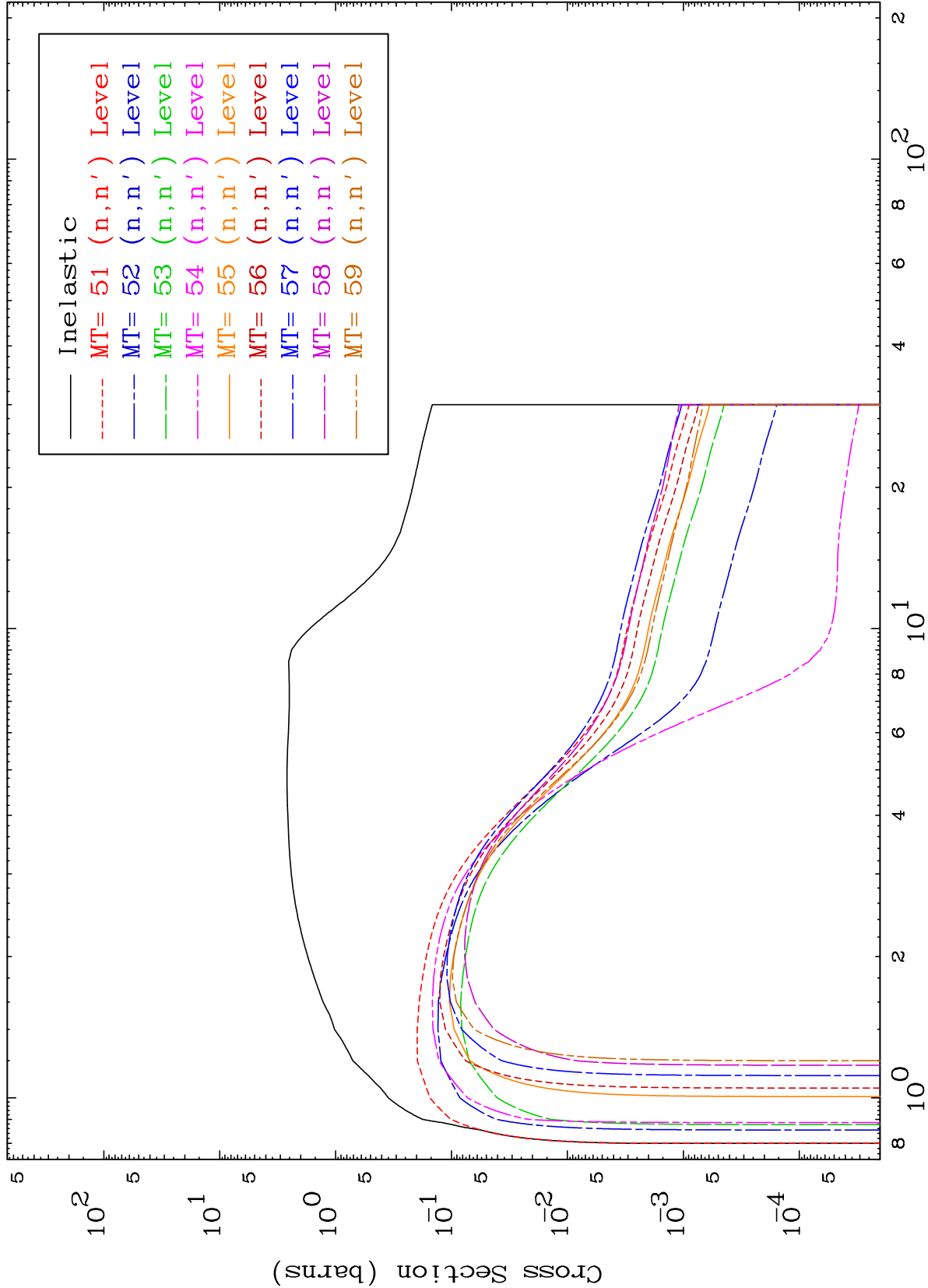


MAT 8313

(n,n') Levels

293 Kelvin Cross Sections

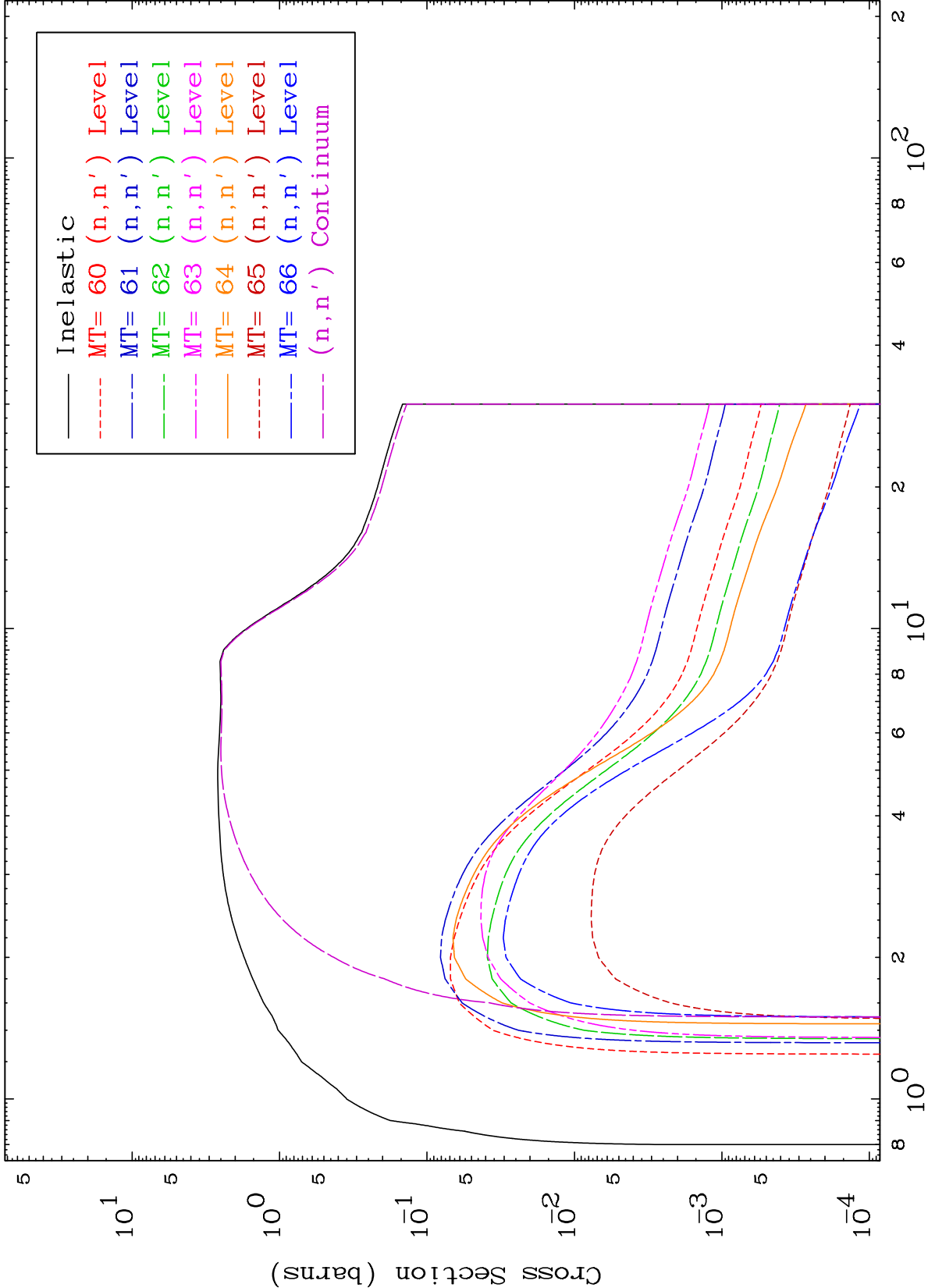
83-Bi-205



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Incident Energy (MeV)

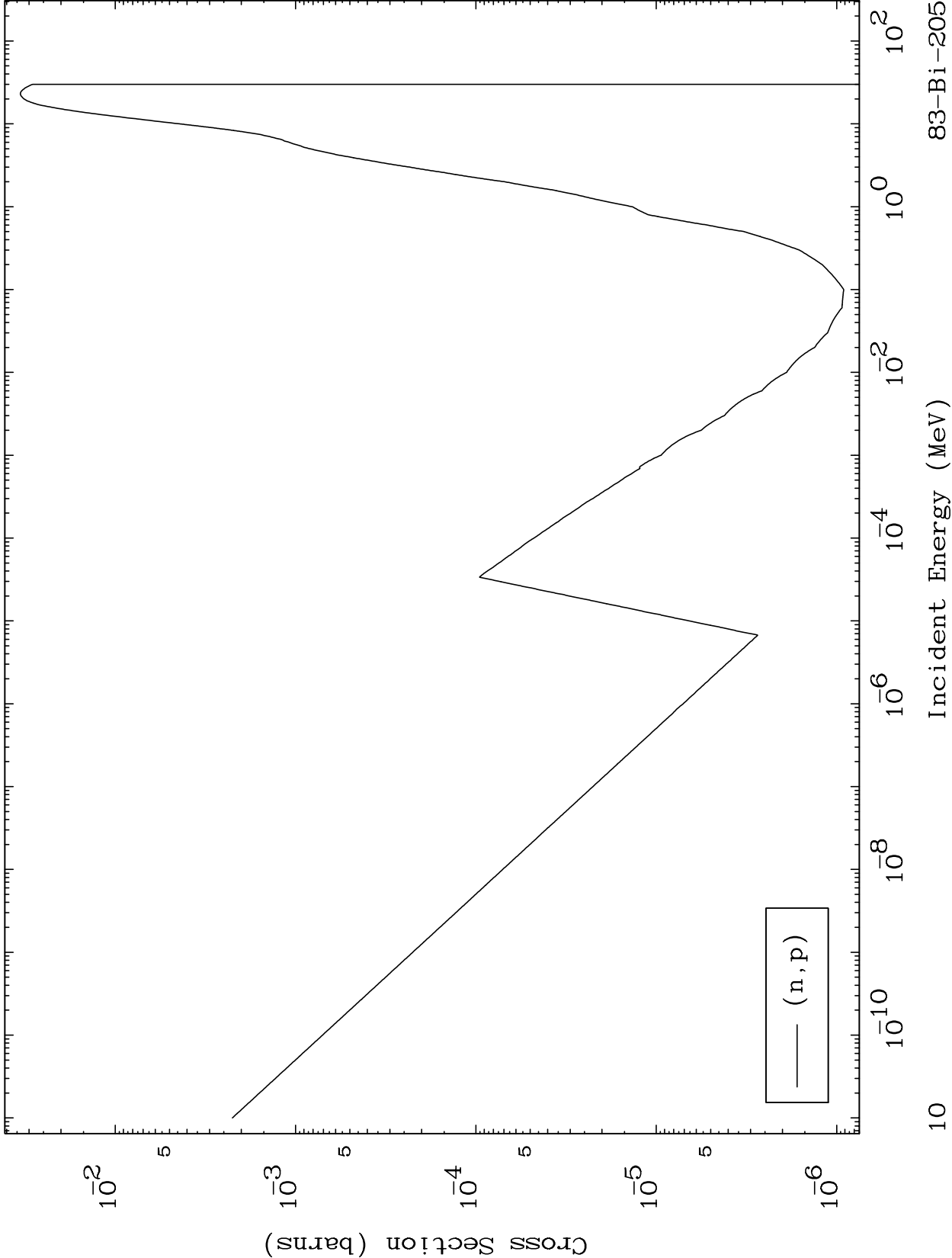
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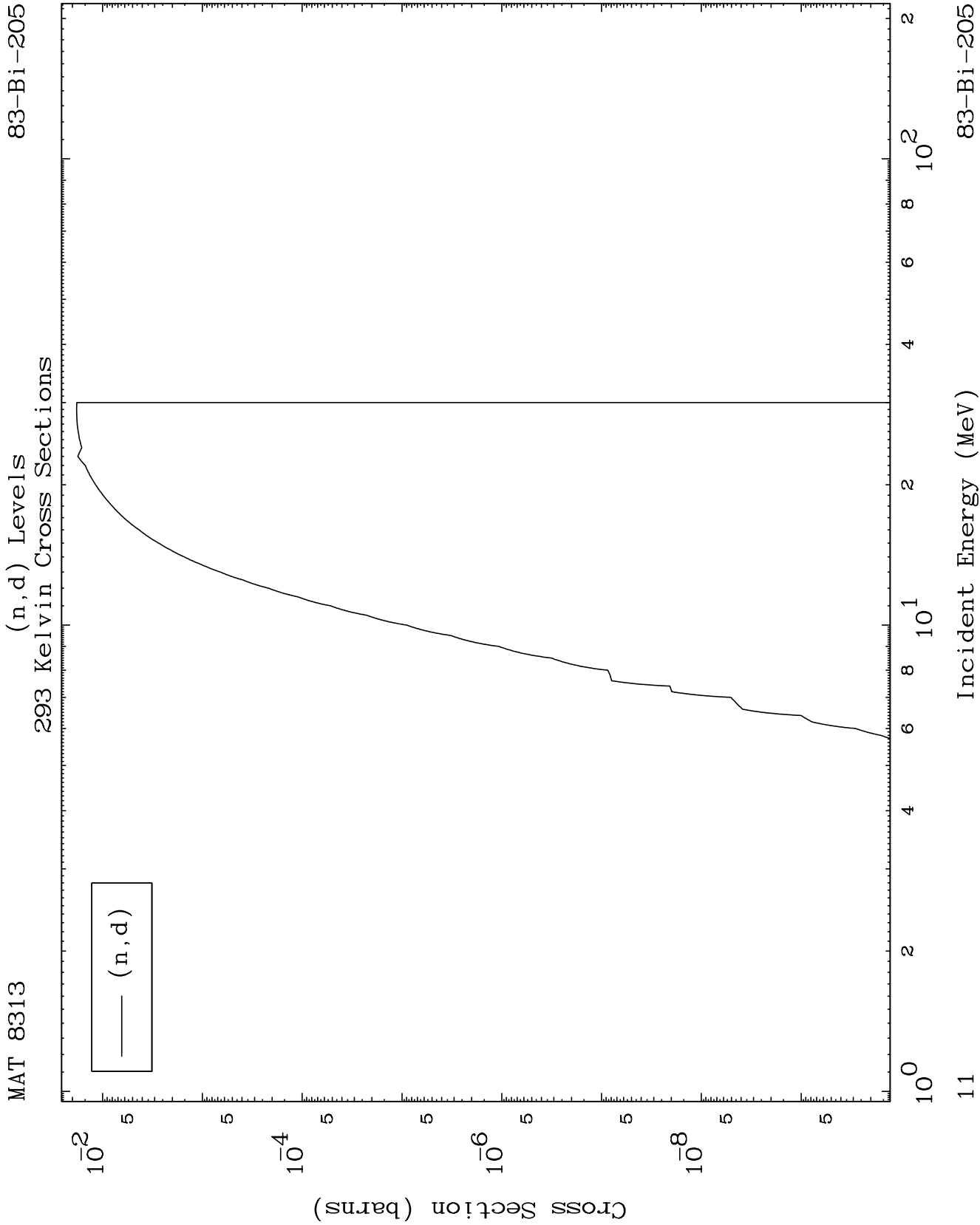


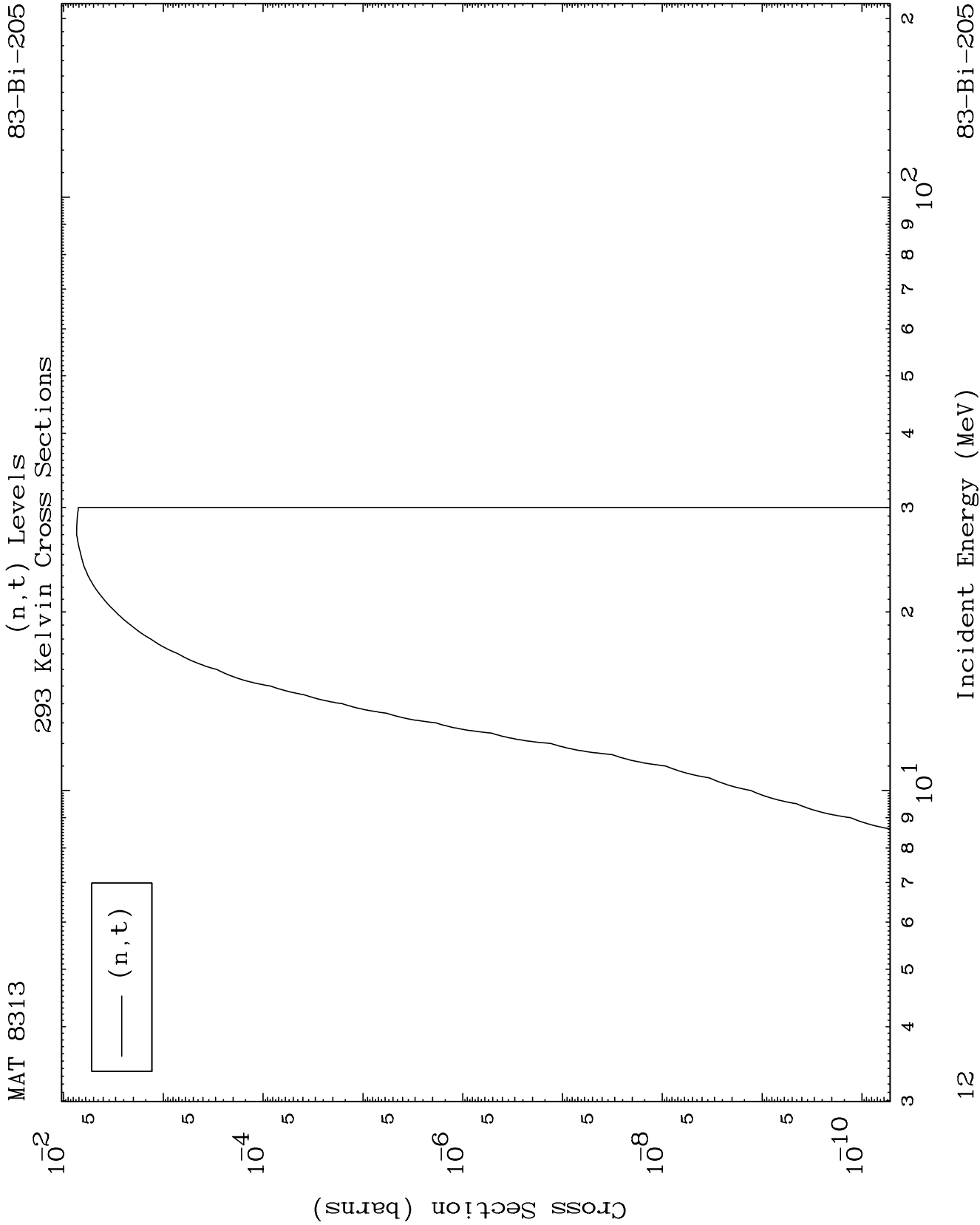
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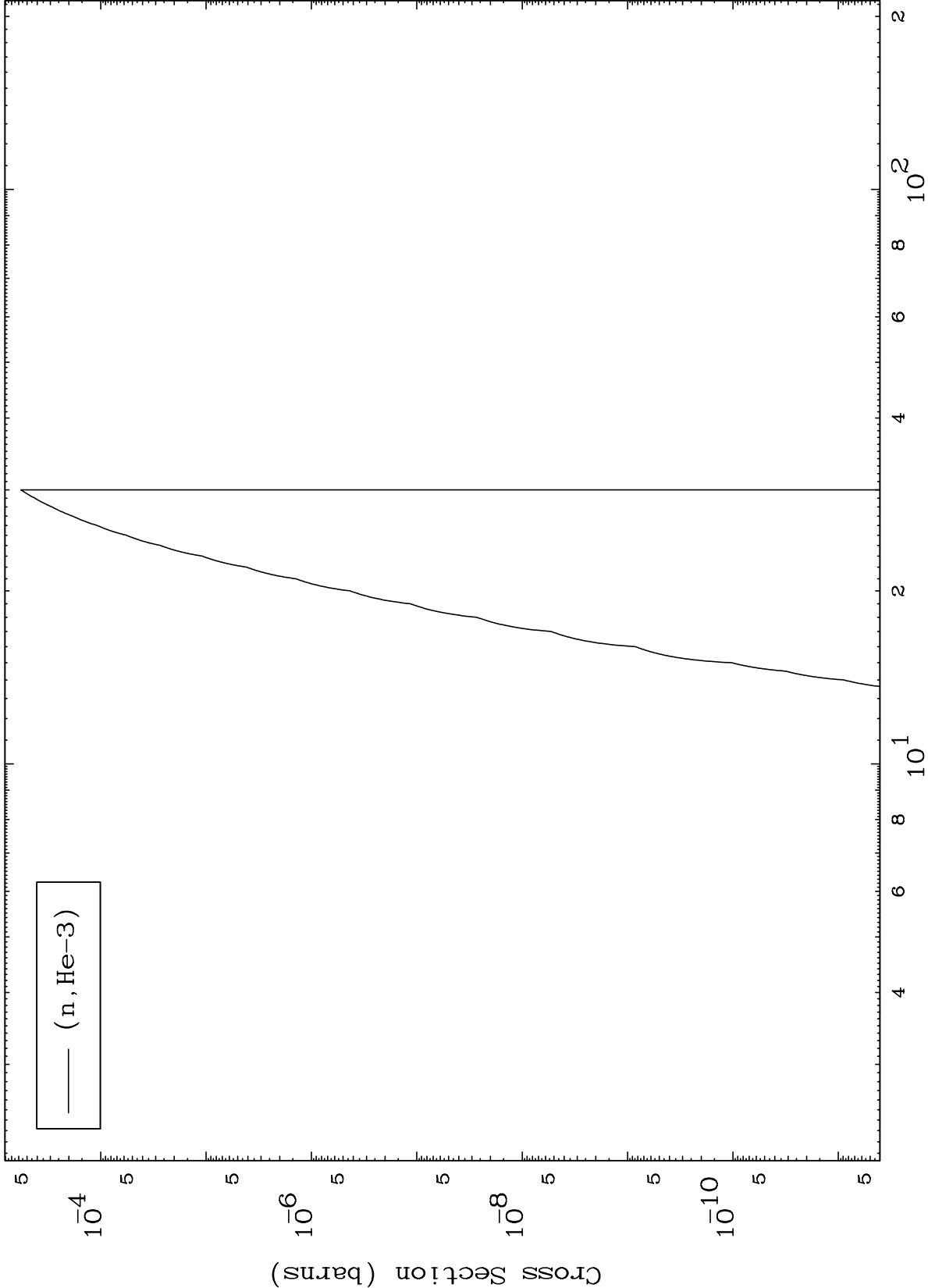
(n,p) Levels
293 Kelvin Cross Sections

83-Bi-205





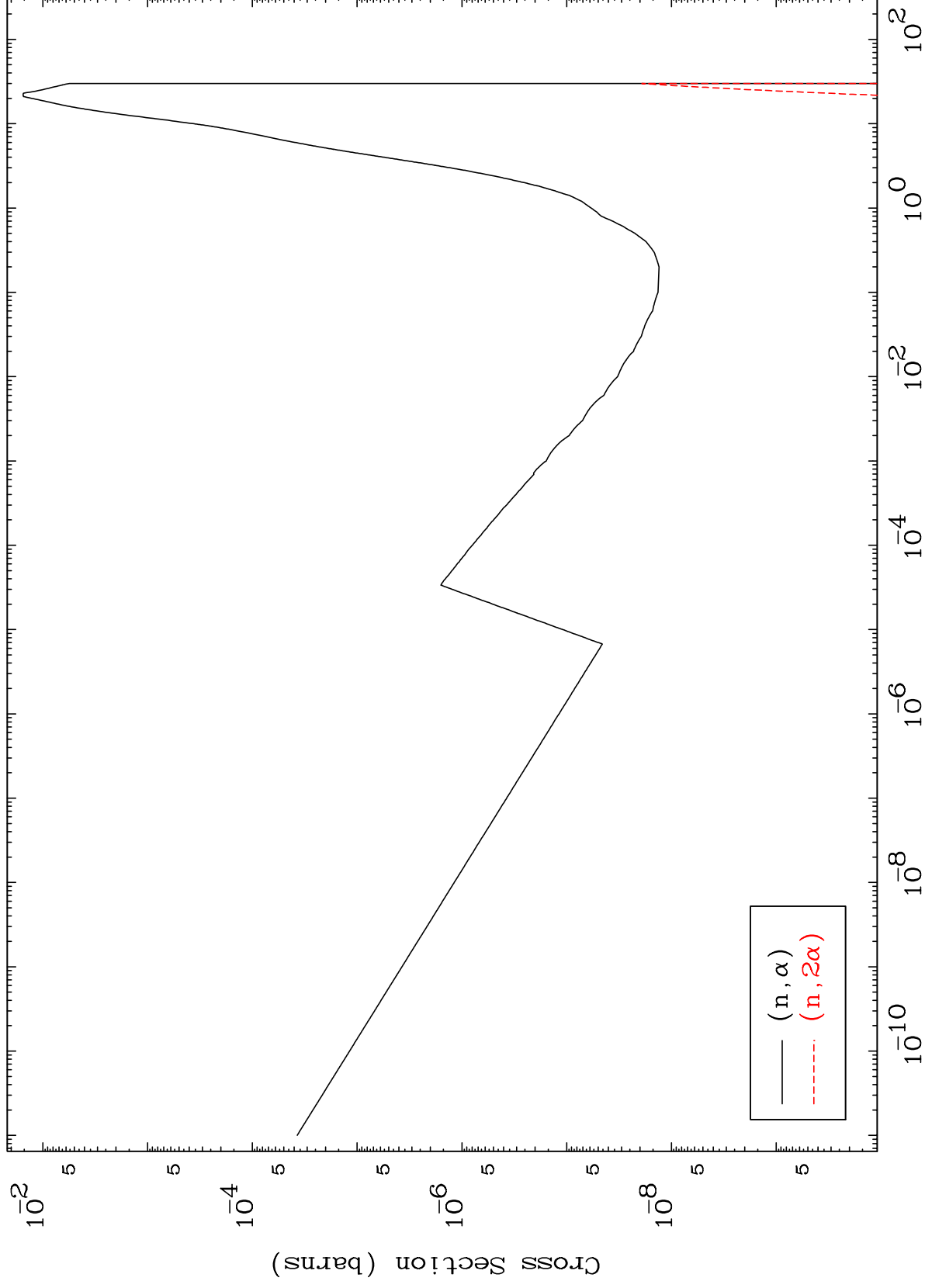




MAT 8313

(n, α) Levels
293 Kelvin Cross Sections

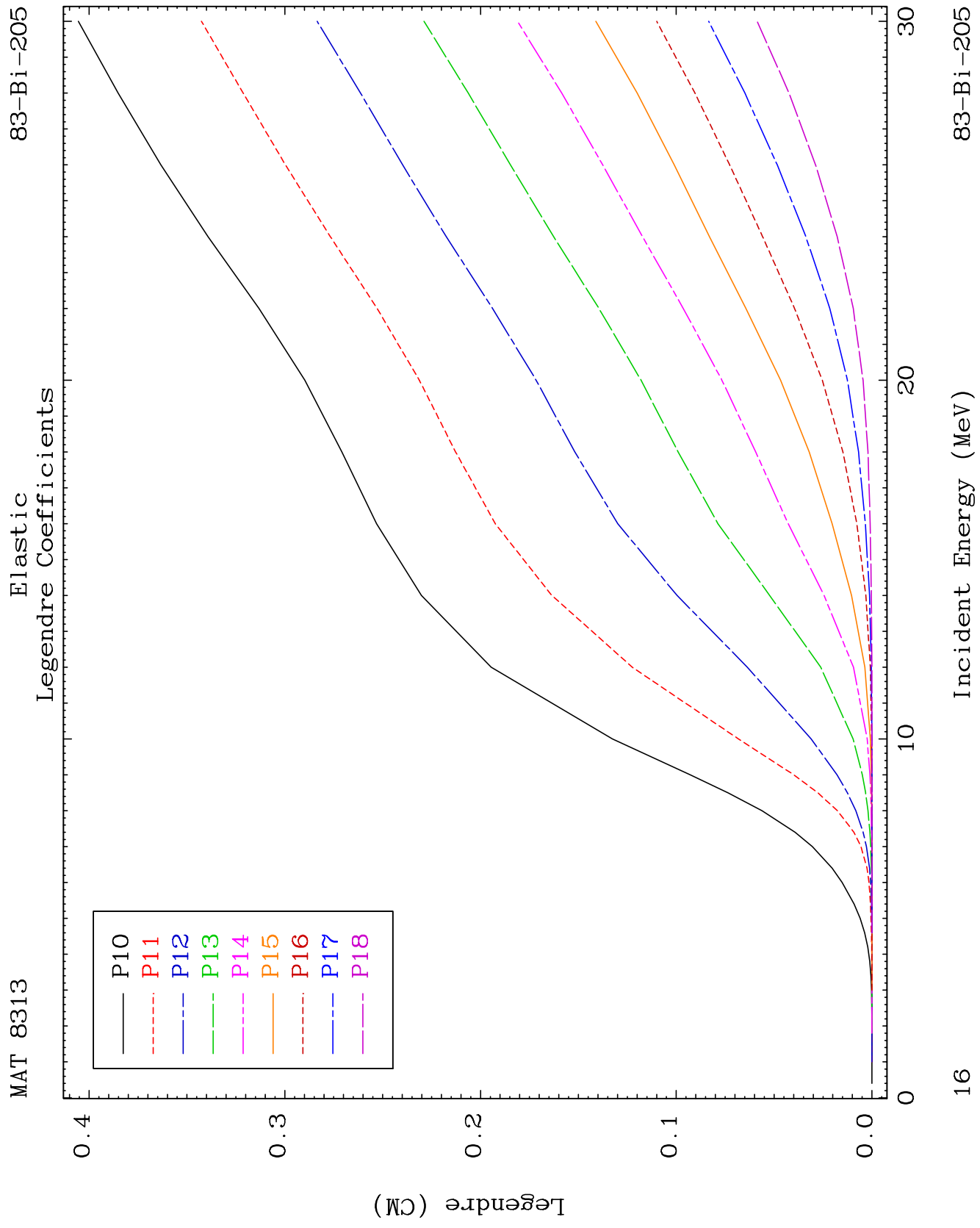
83-Bi-205



14

Incident Energy (MeV)

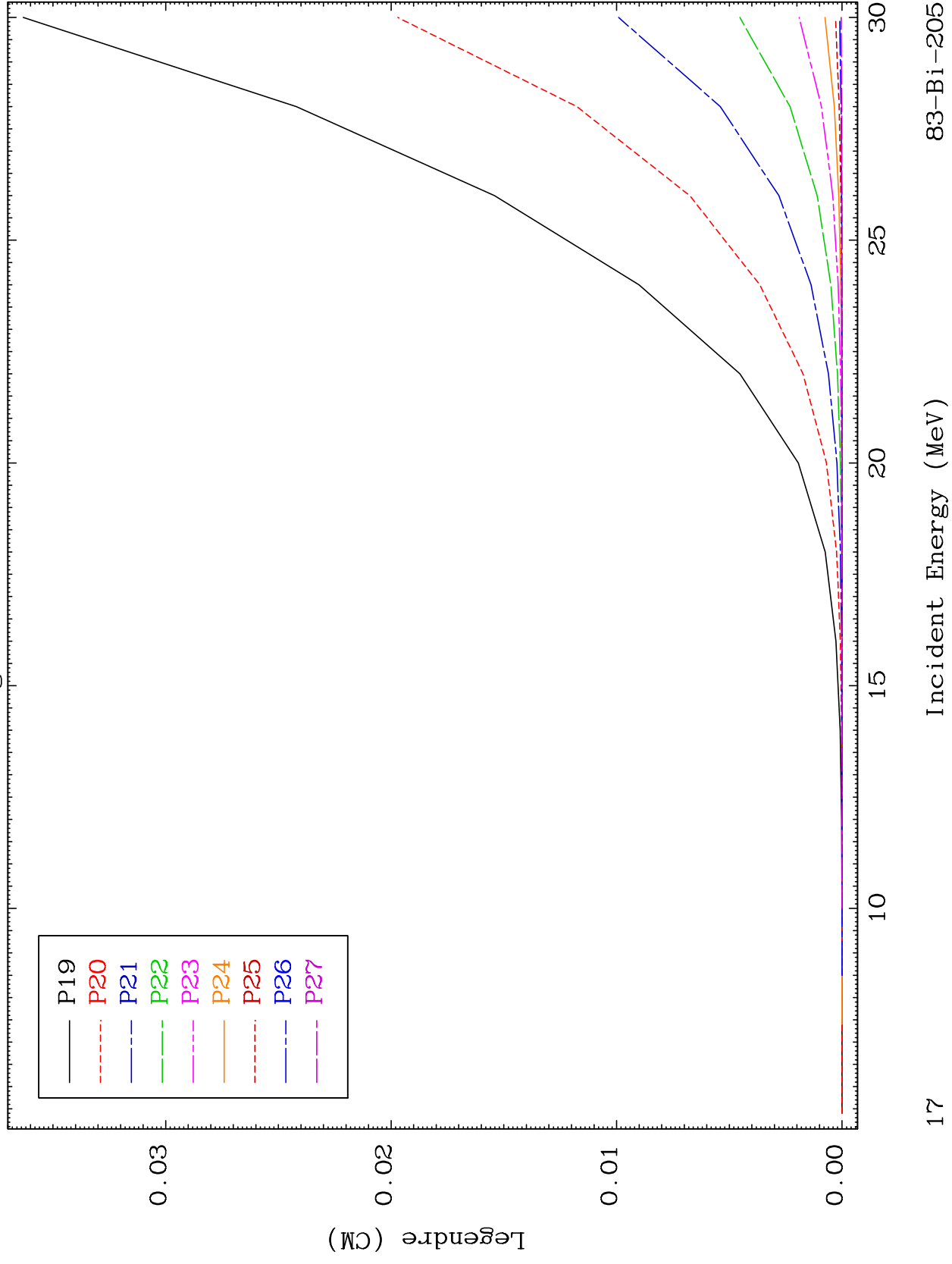
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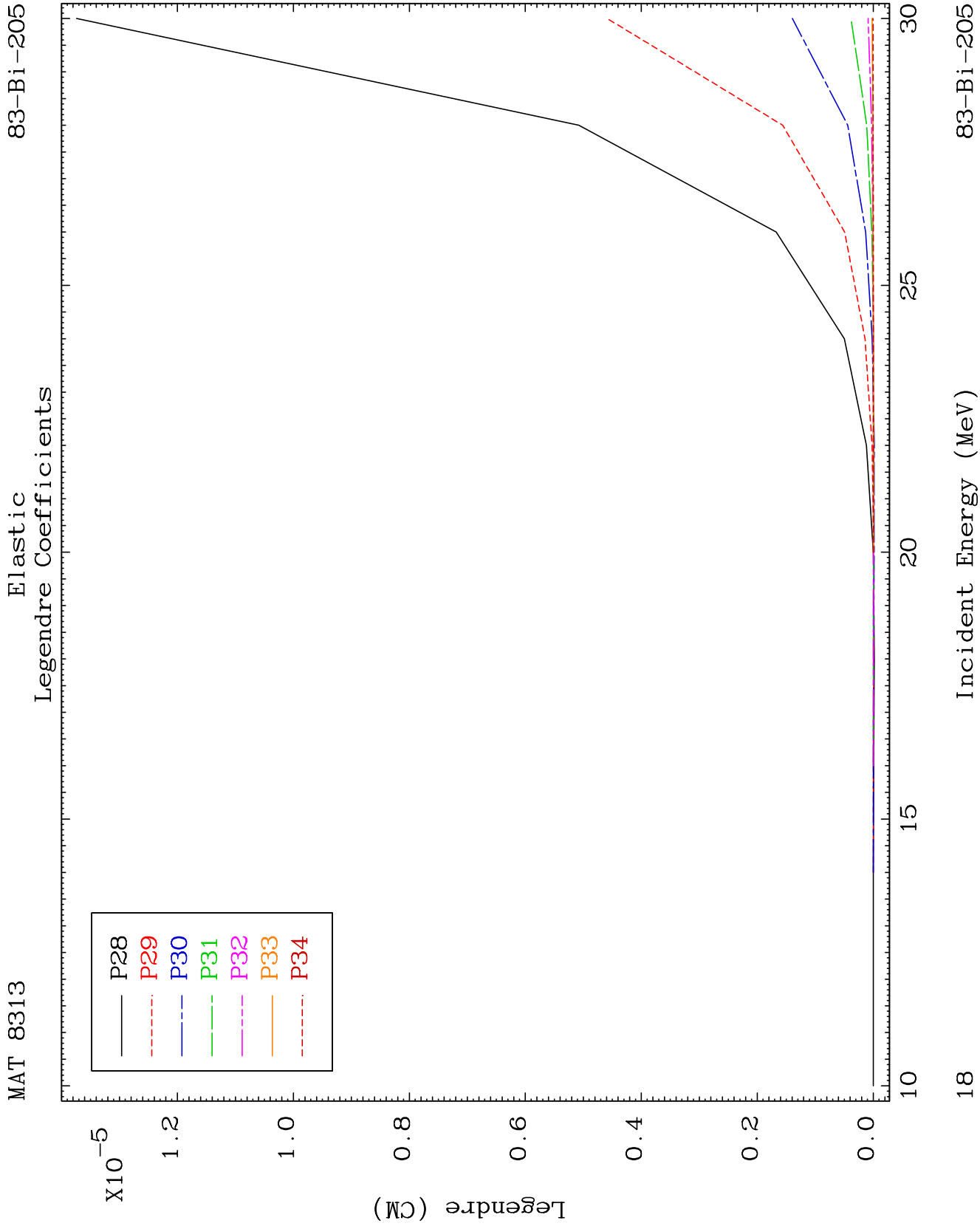


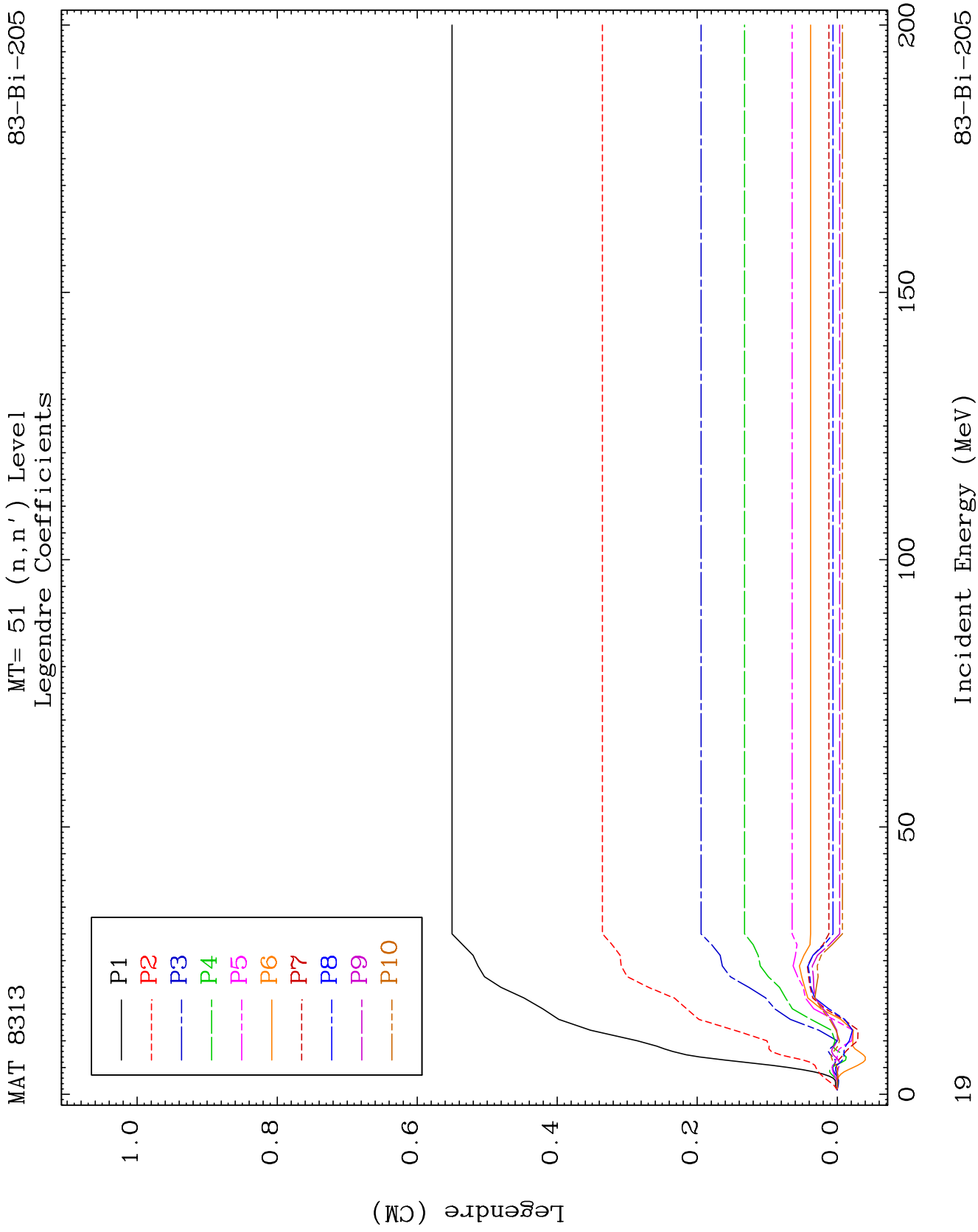
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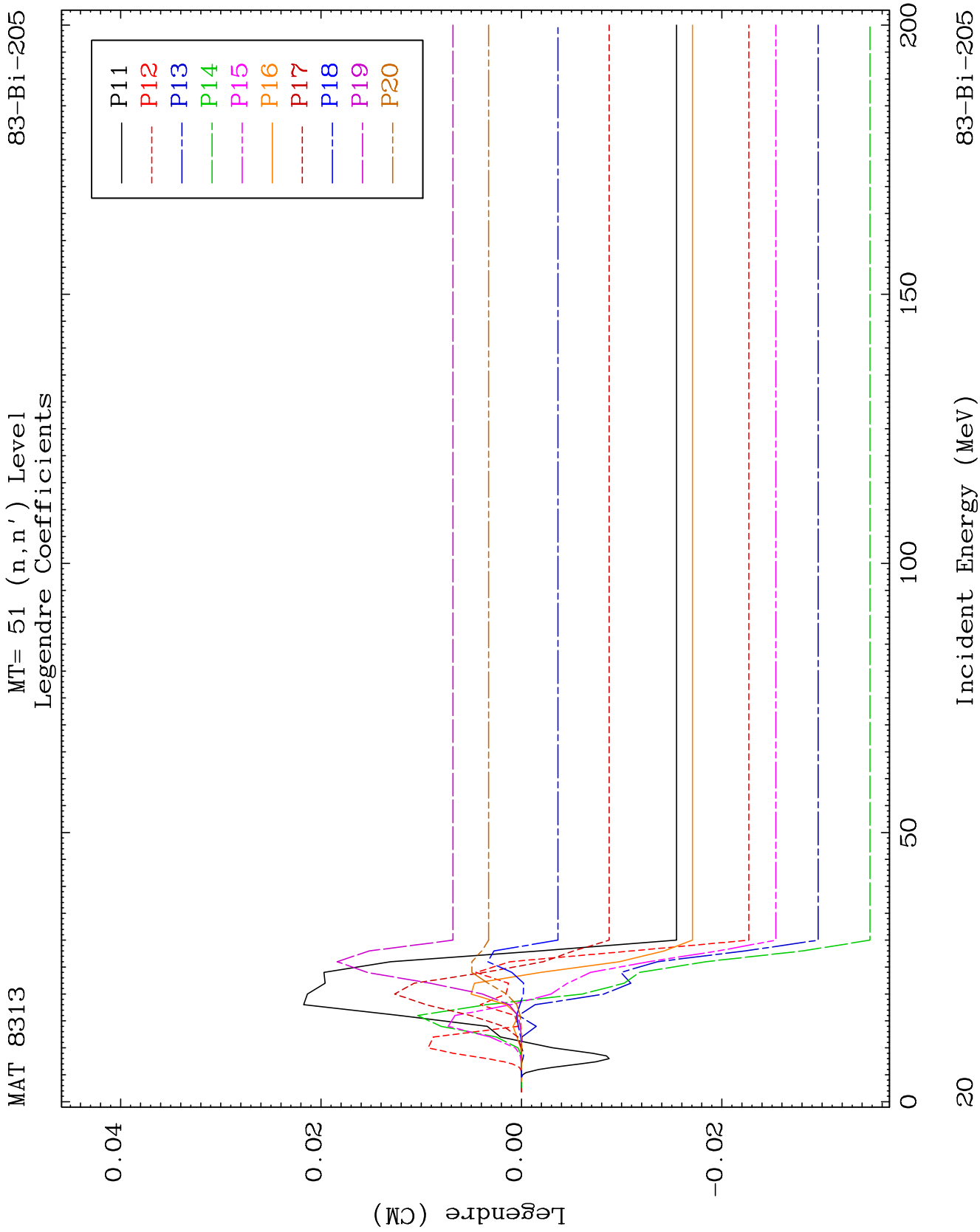
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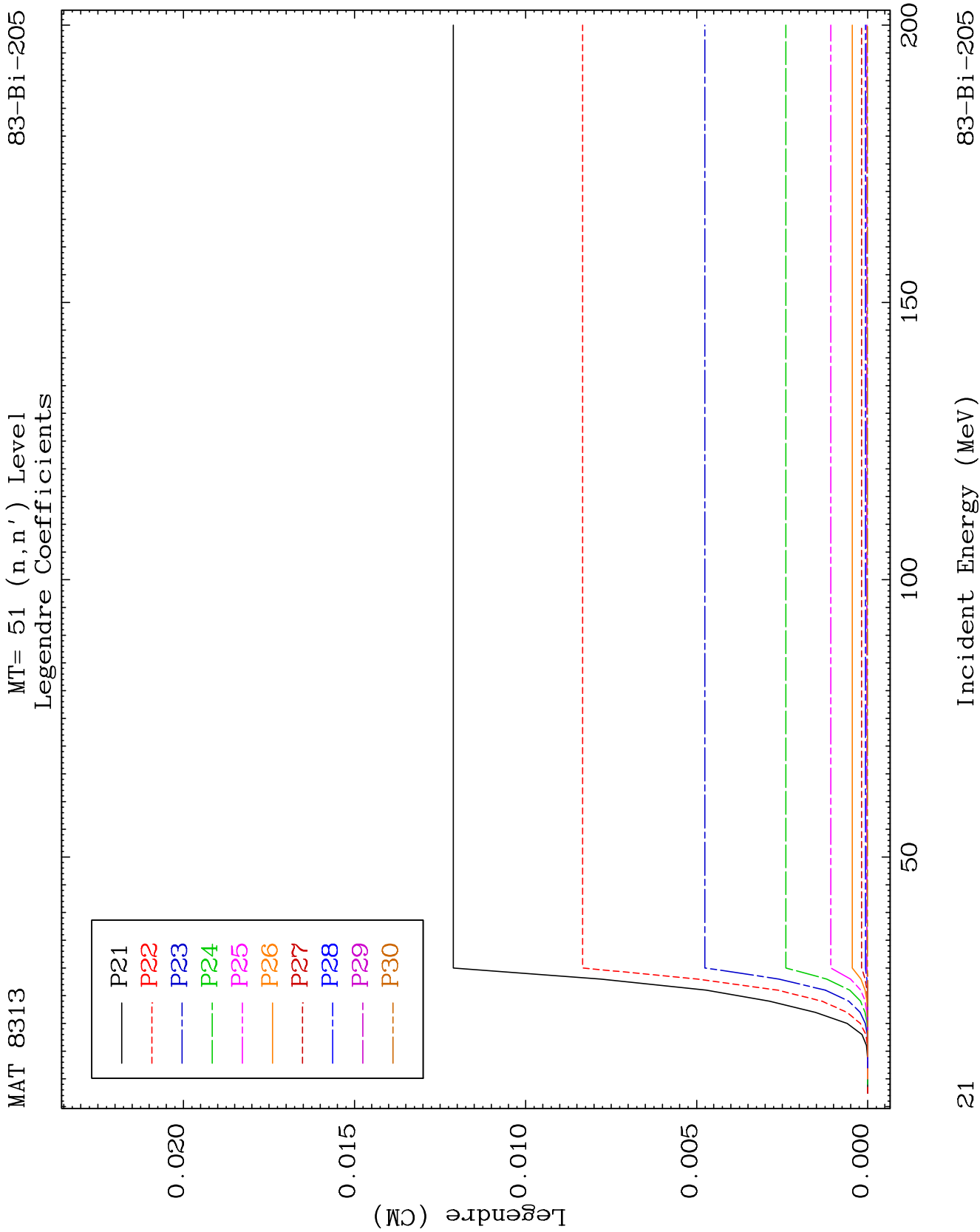
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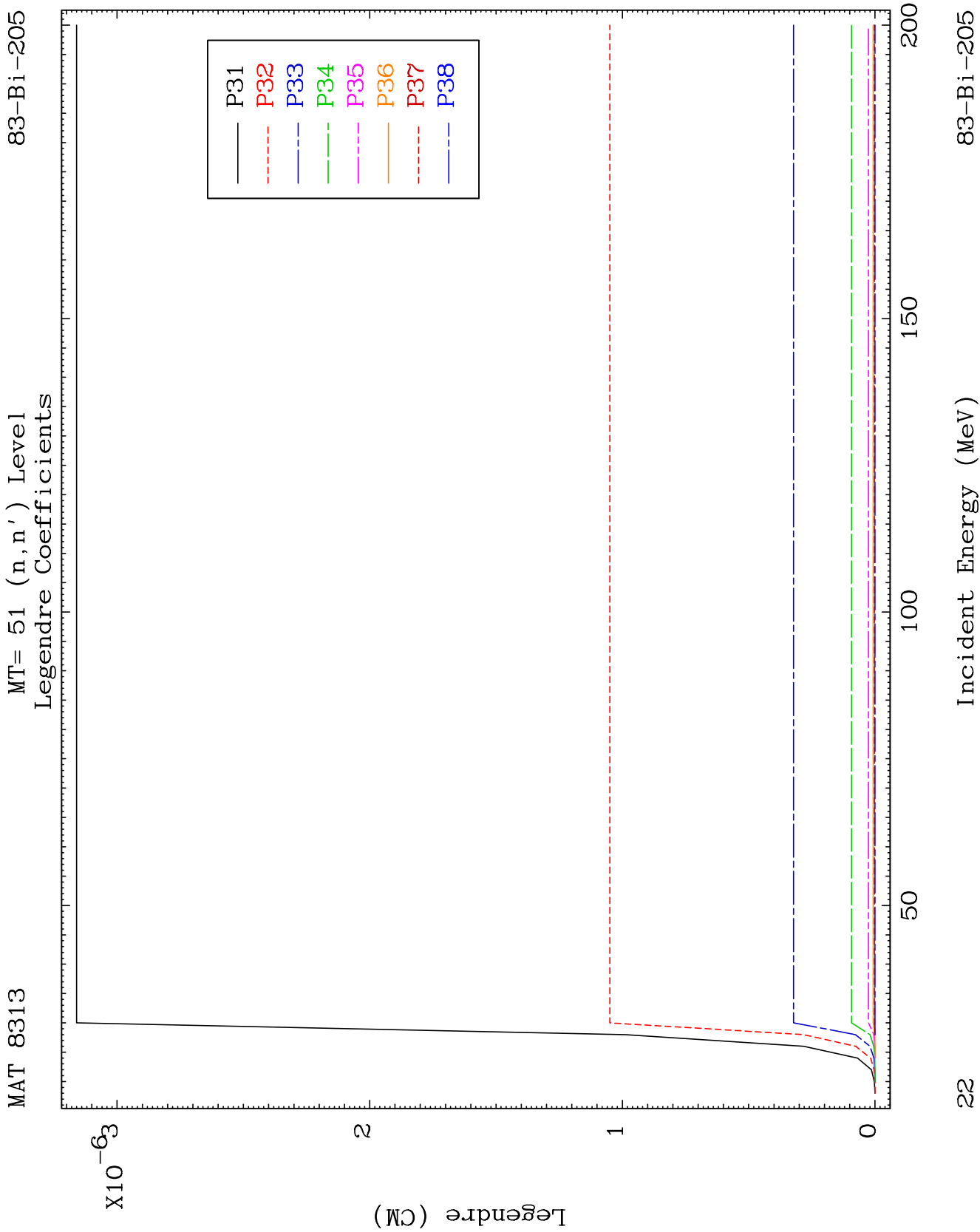


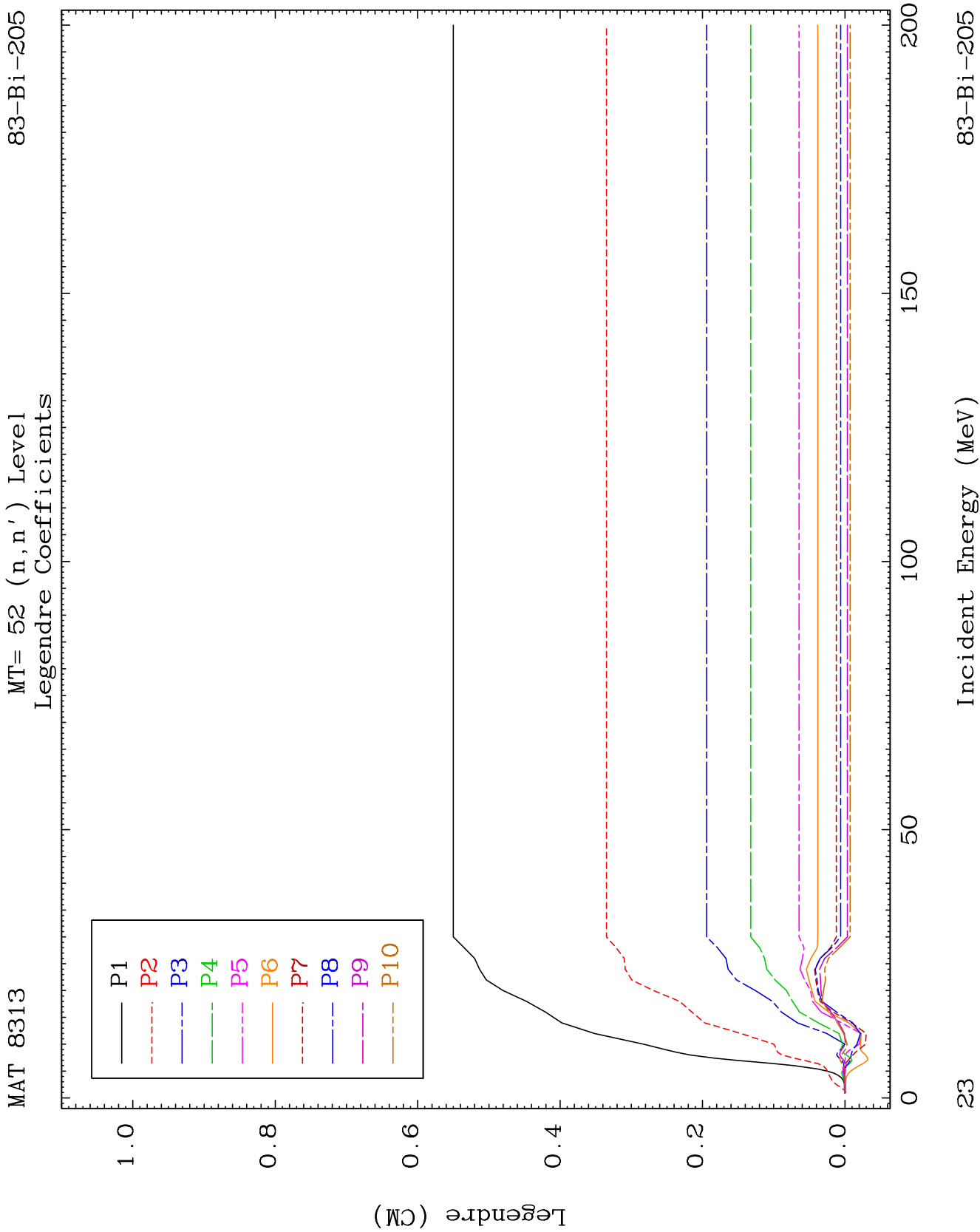


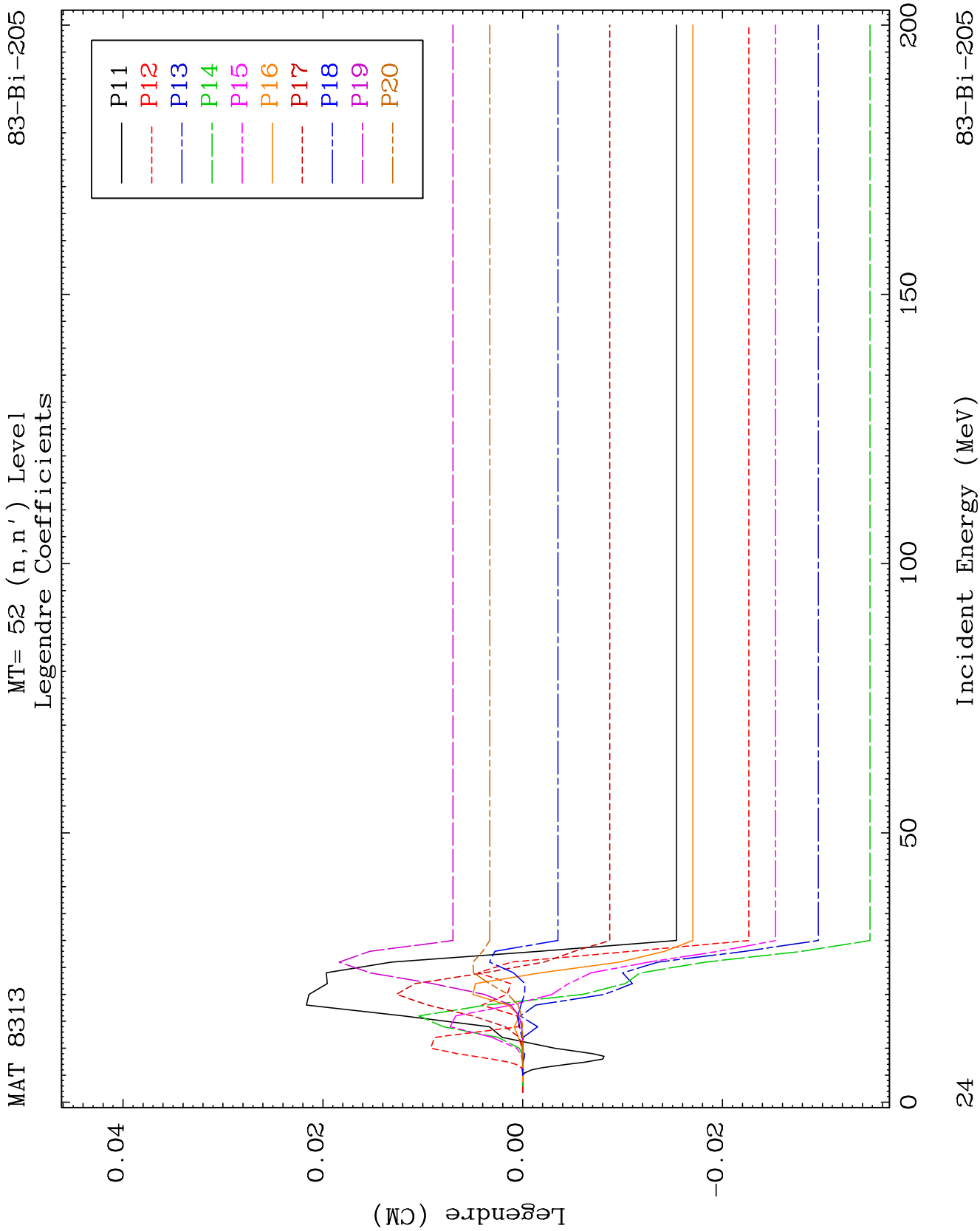








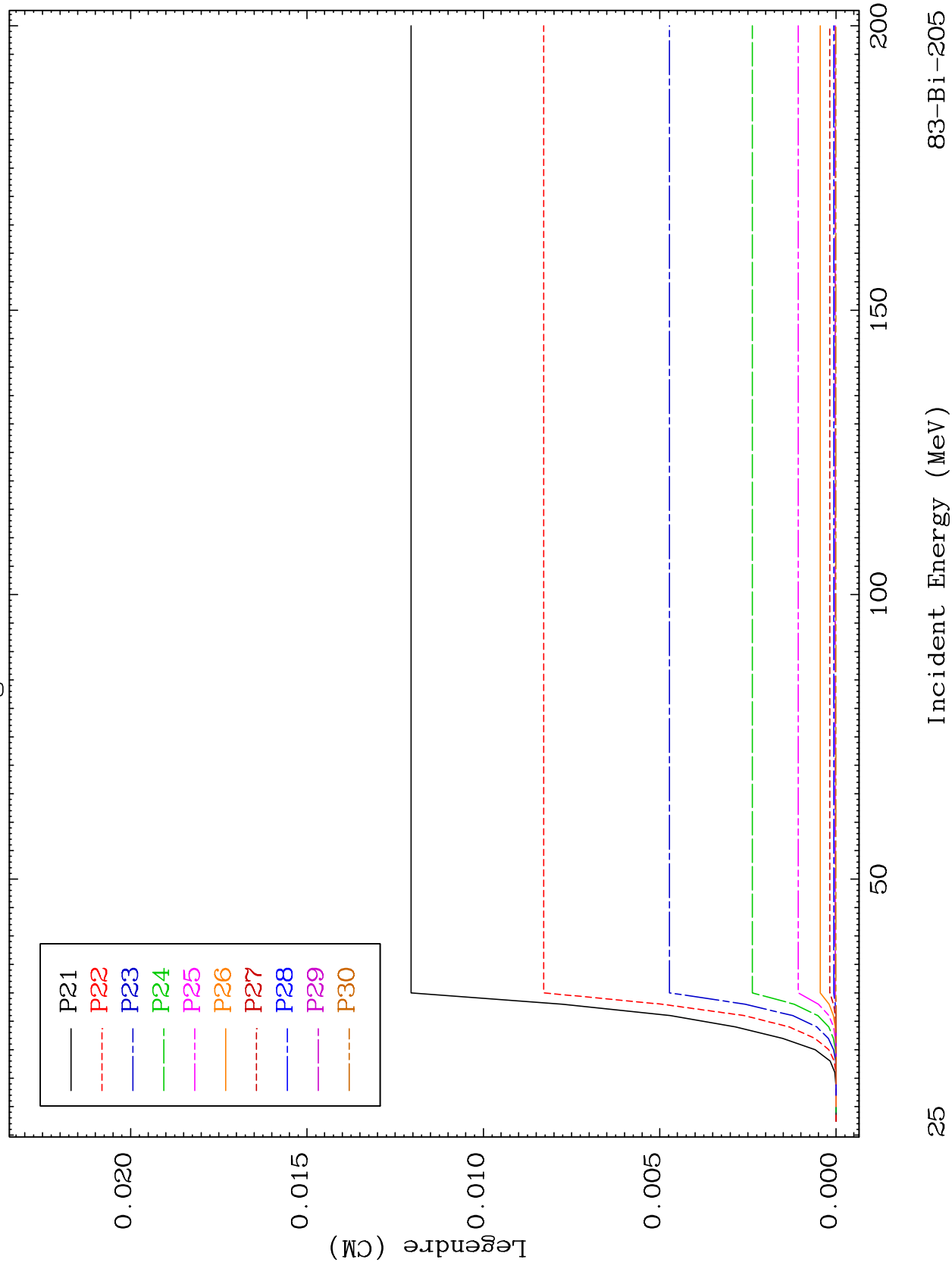


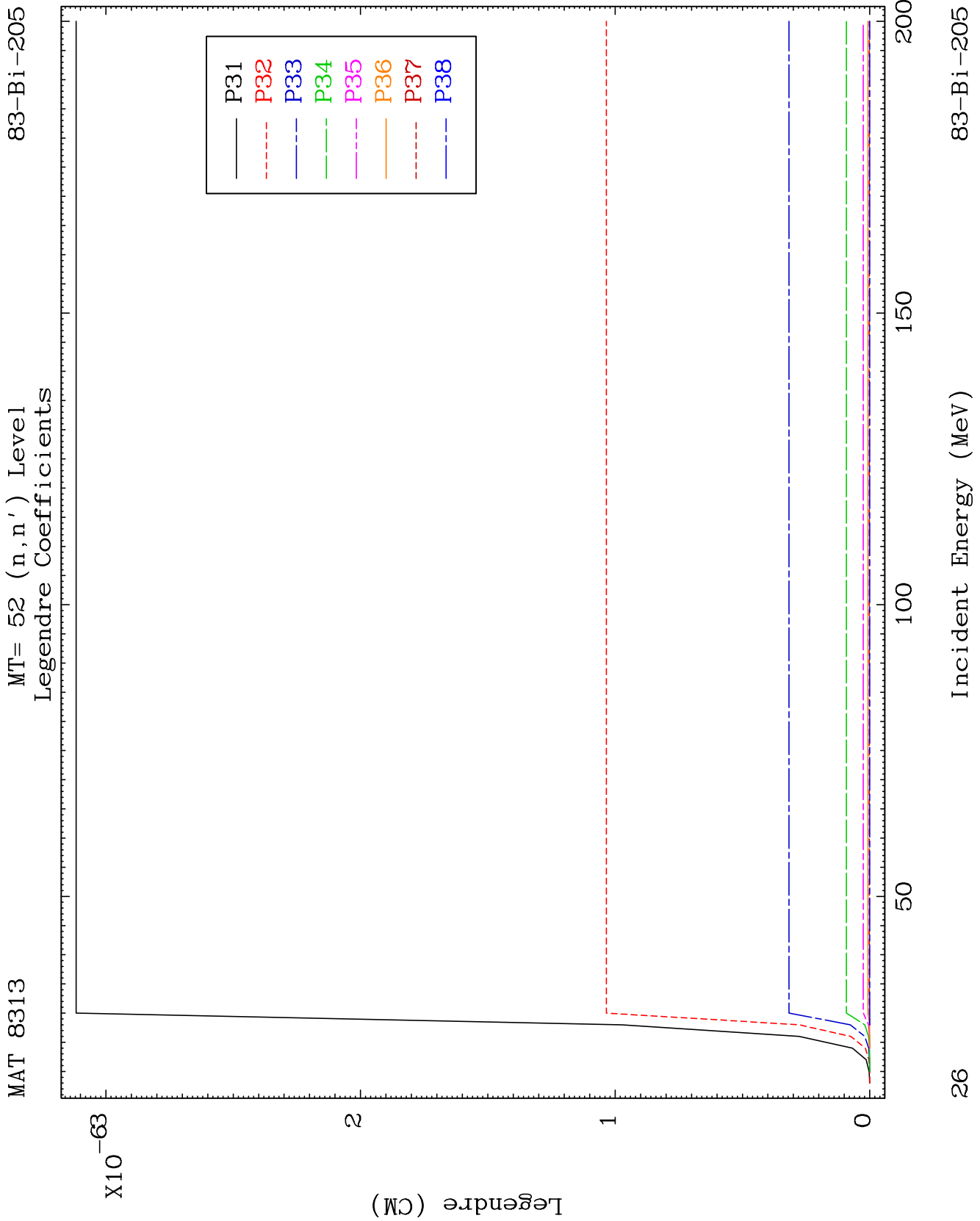


MAT 8313

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

83-Bi-205

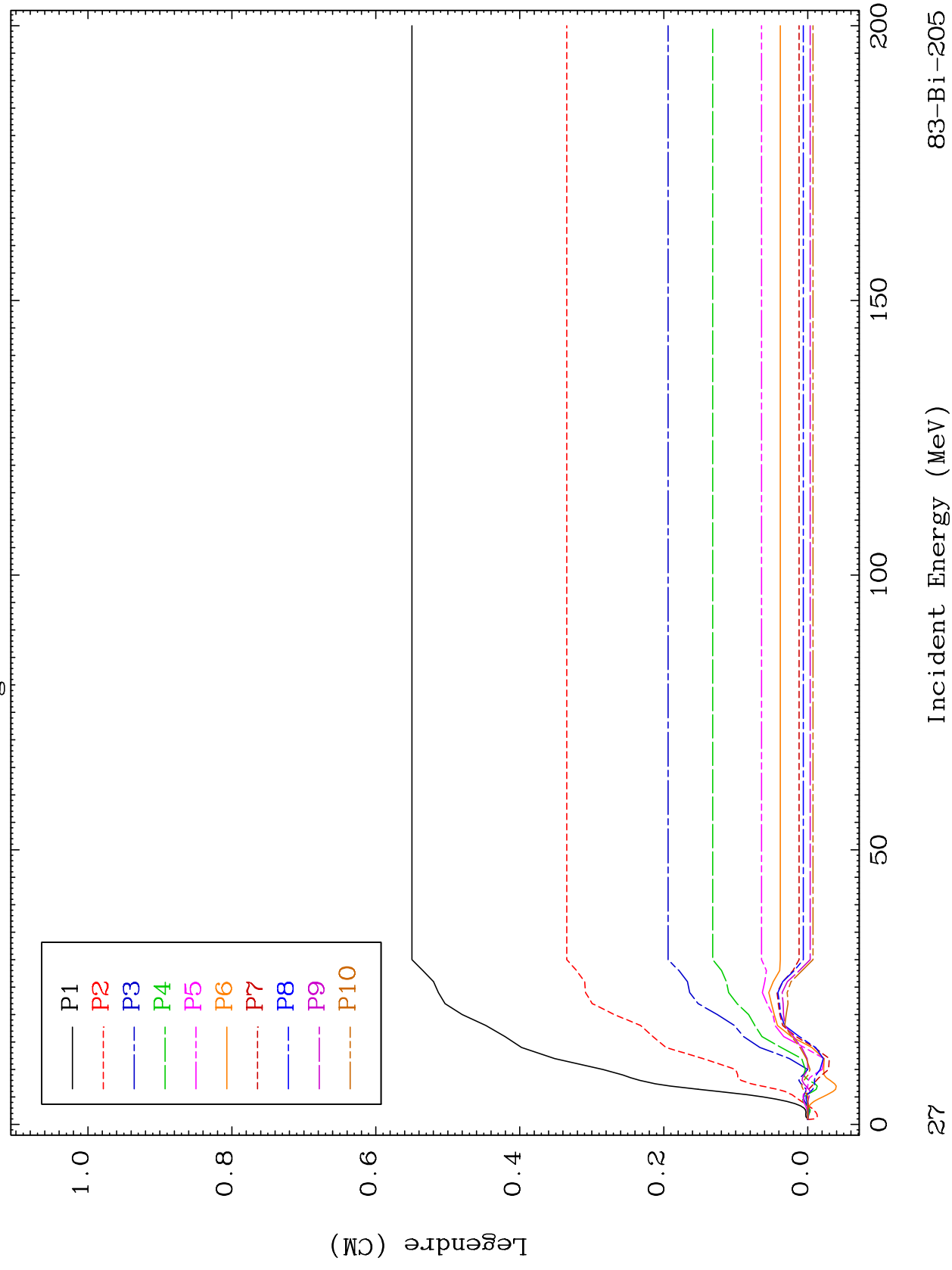


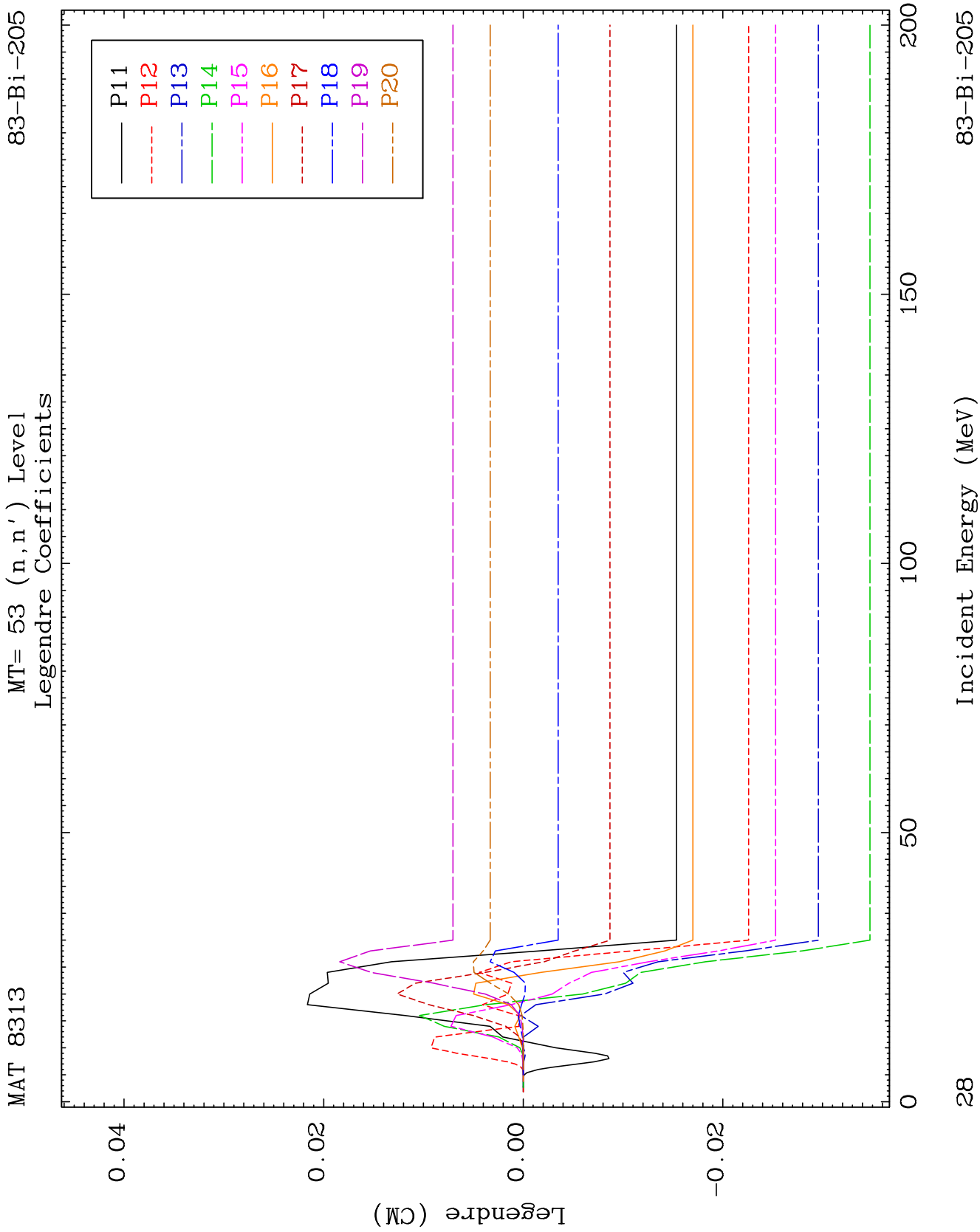


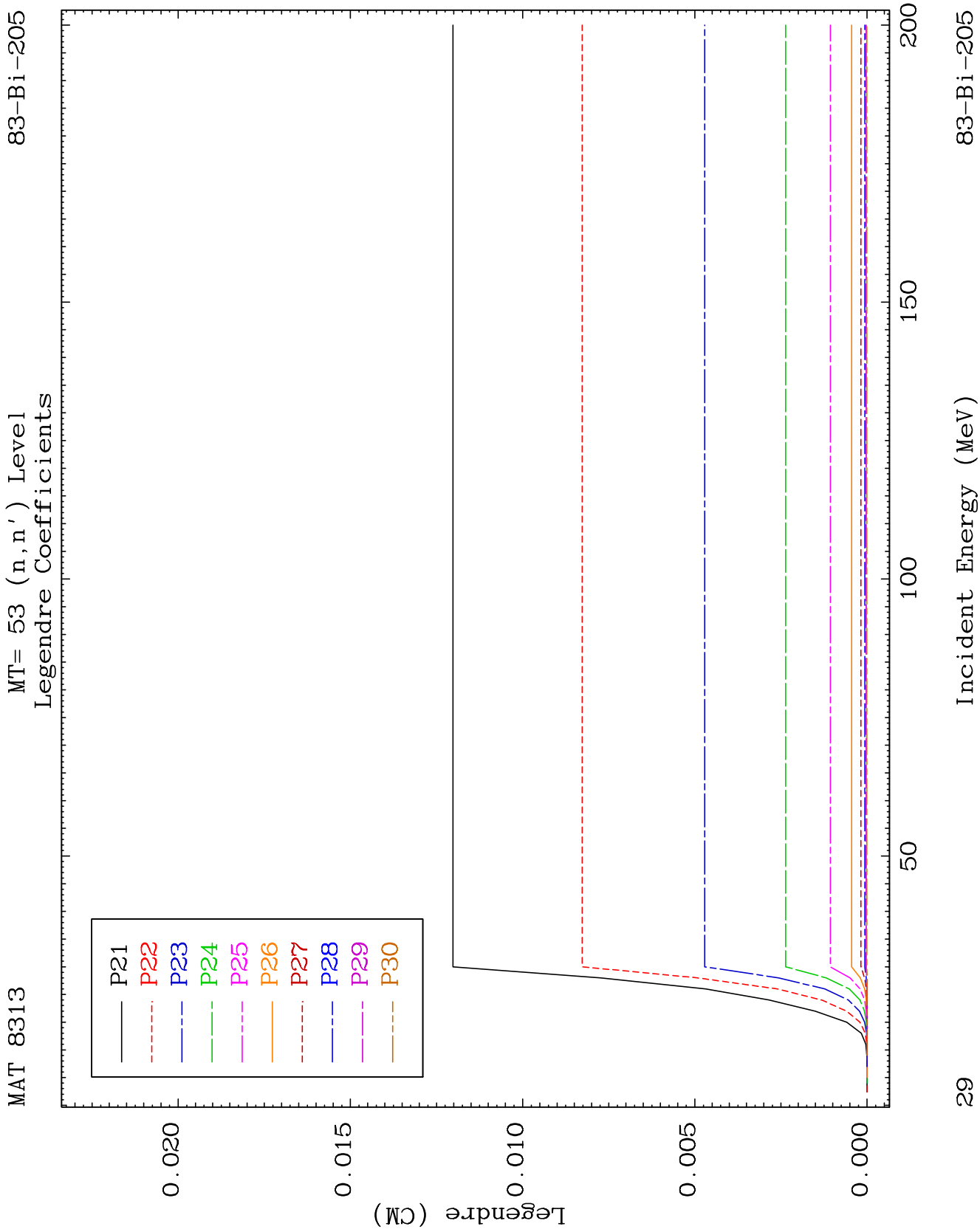
MAT 8313

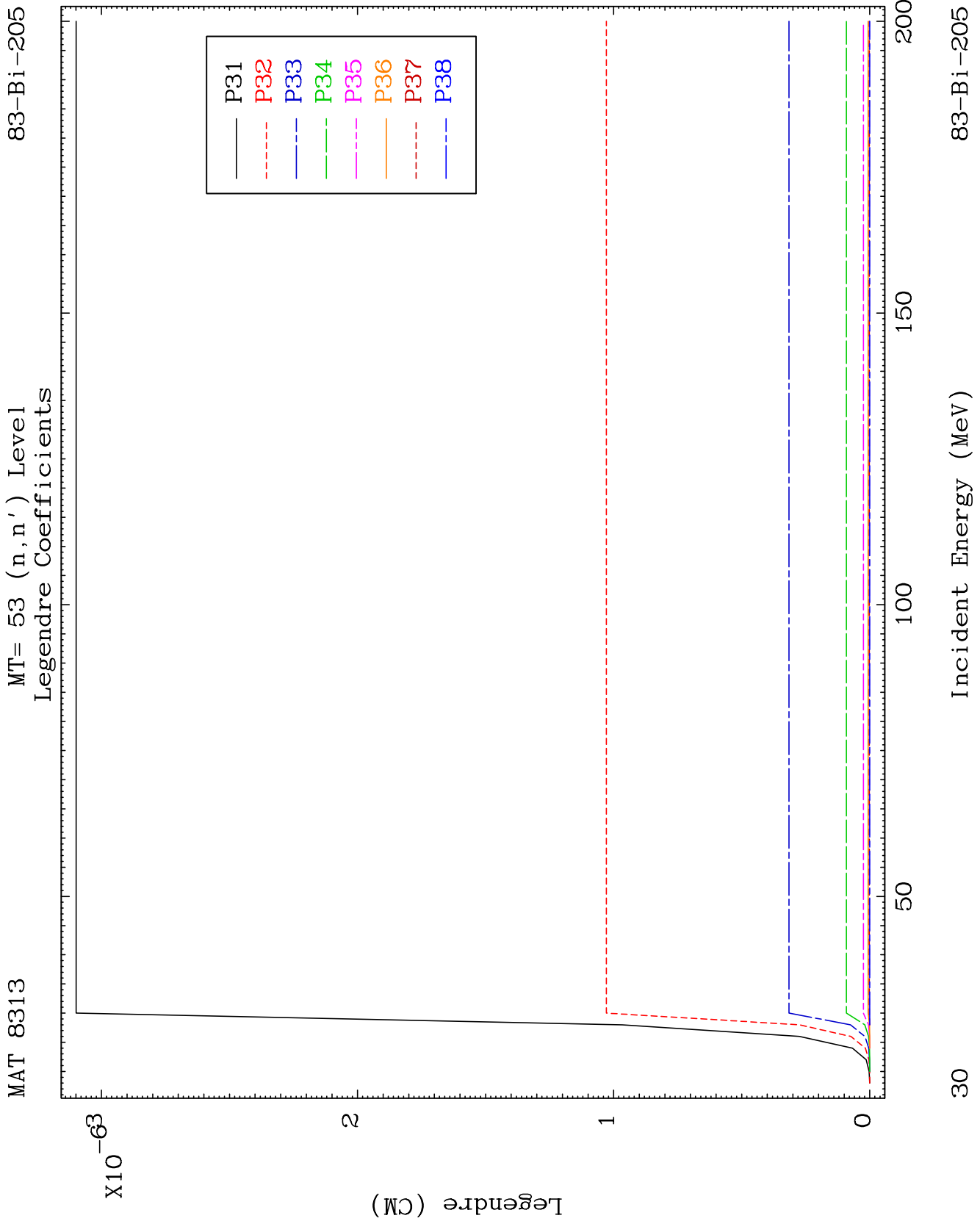
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Legendre Coefficients

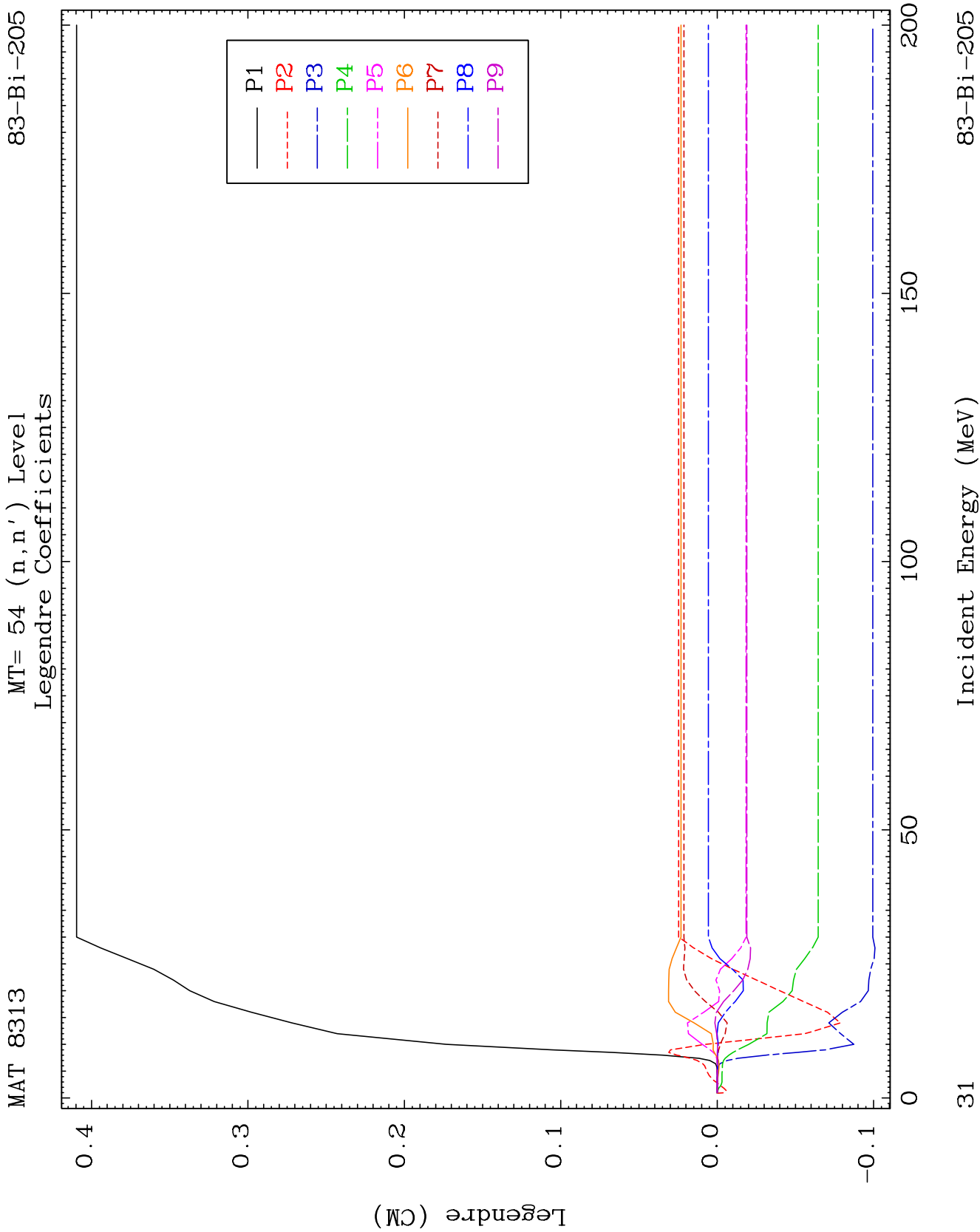
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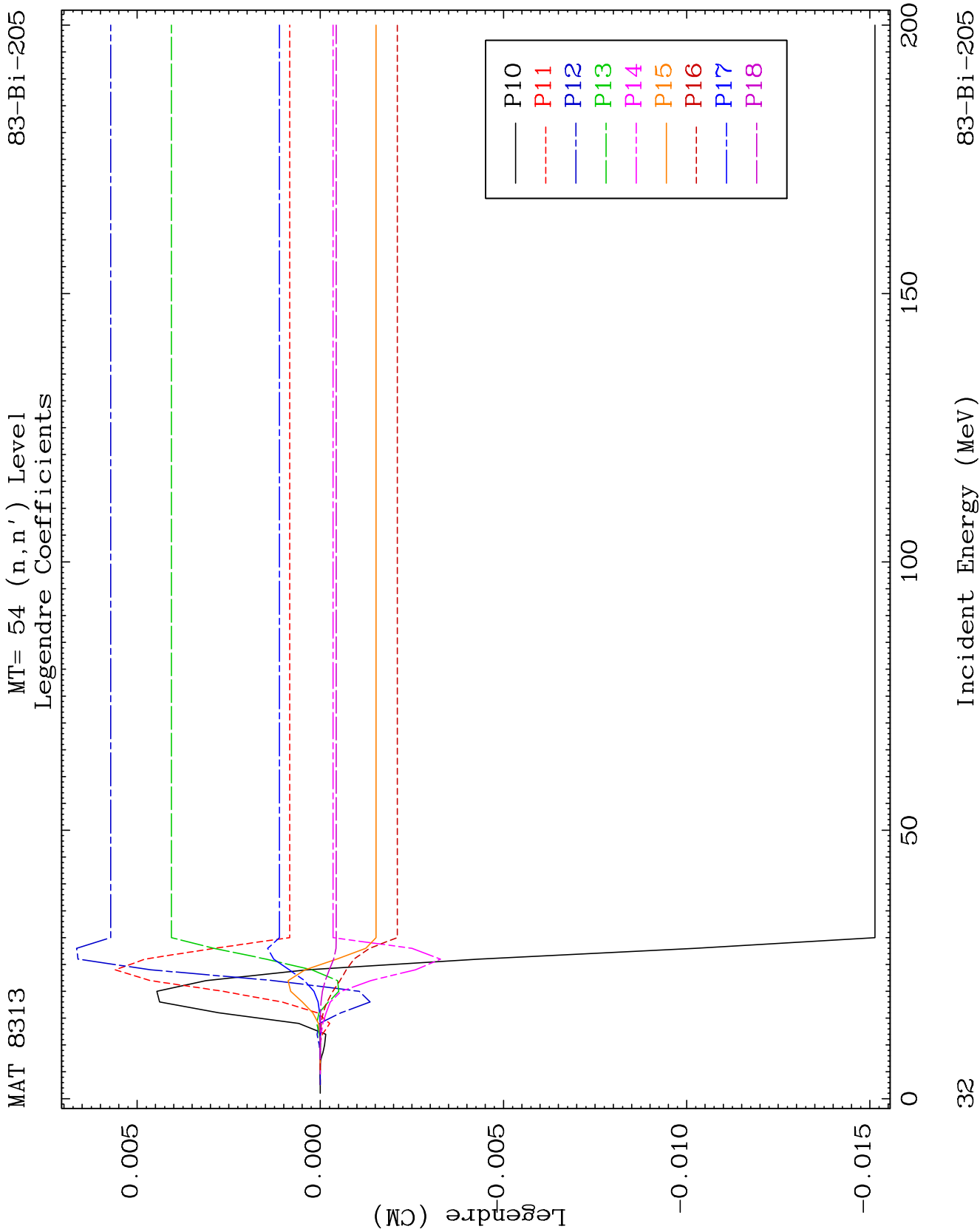


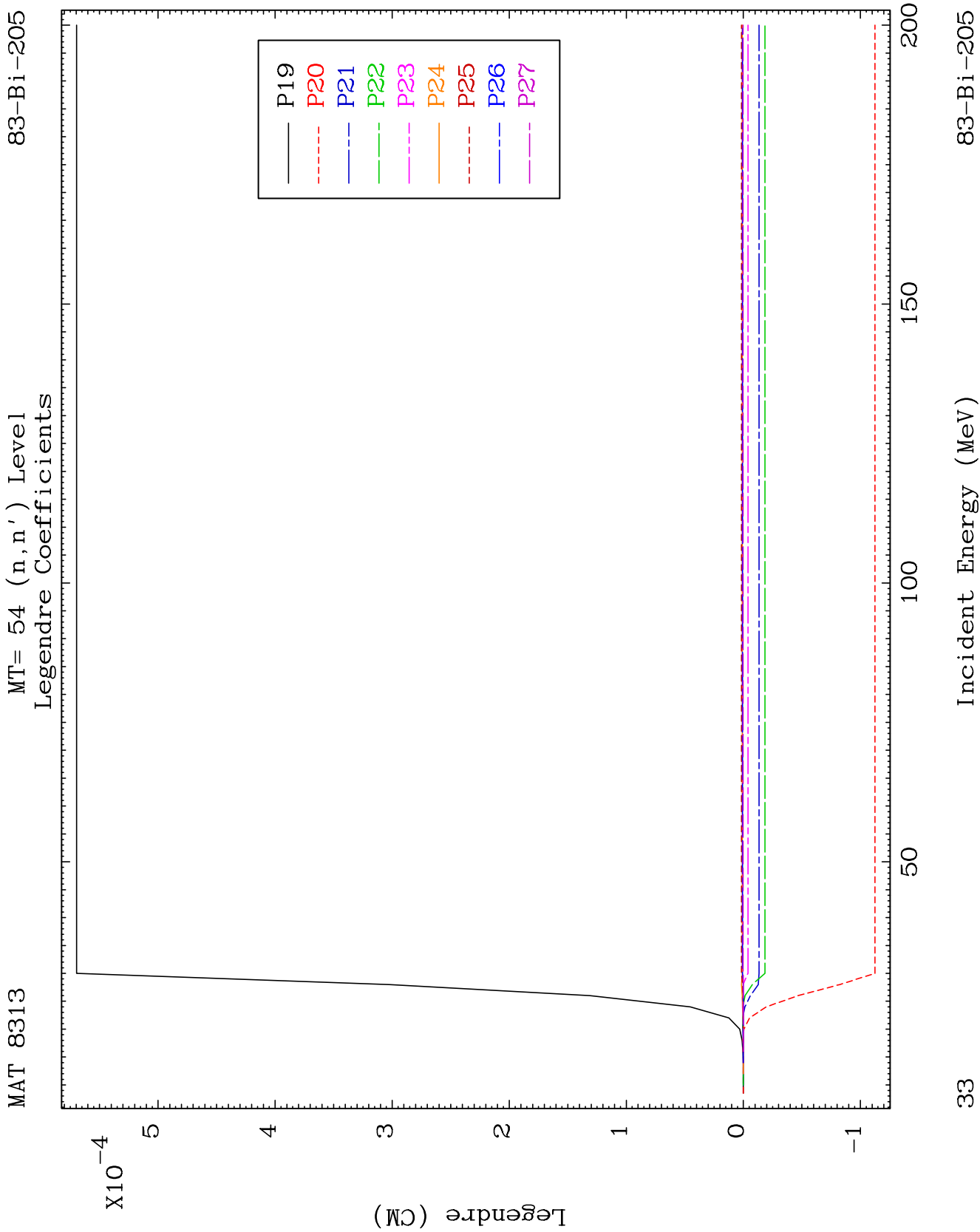








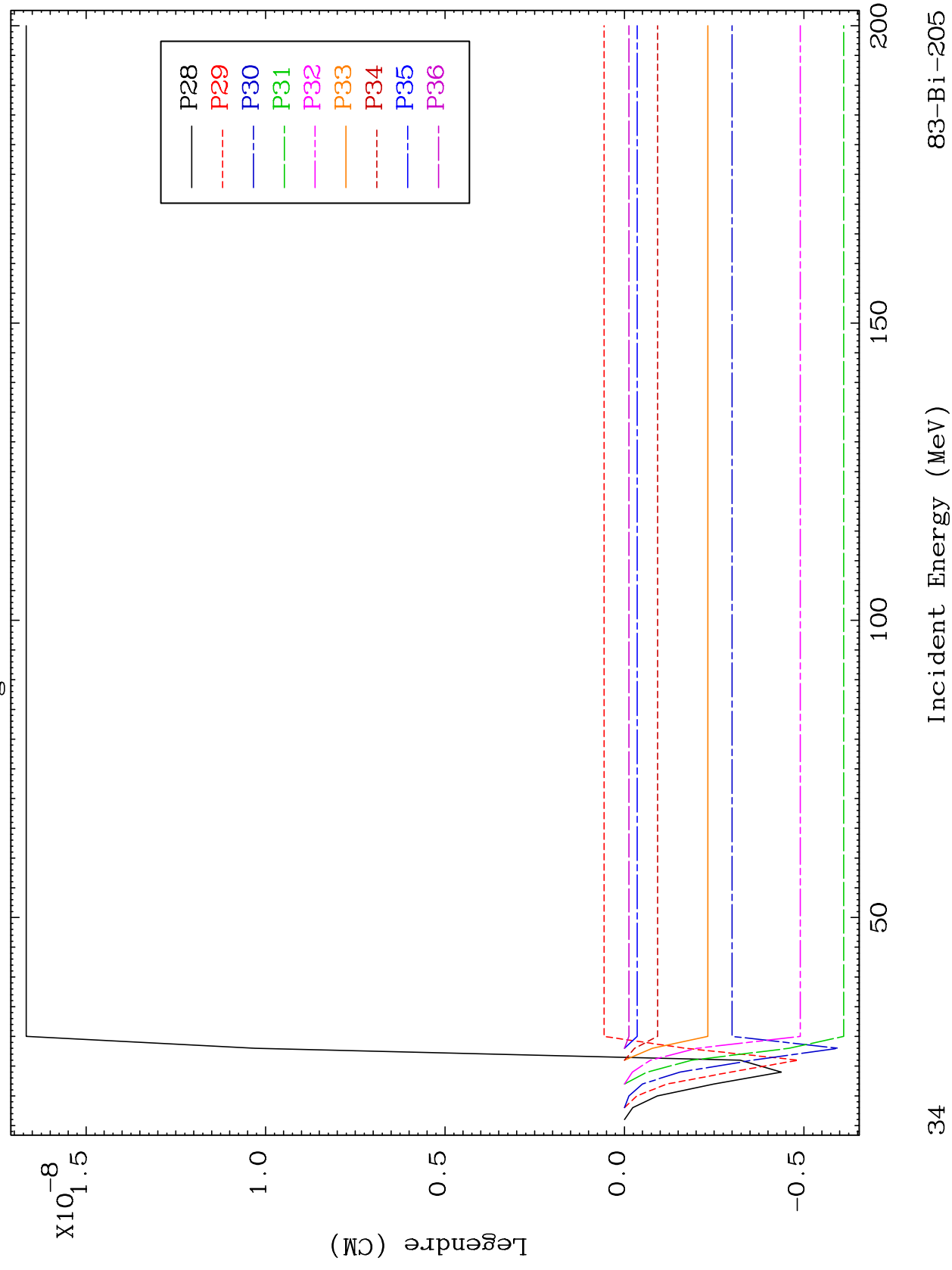


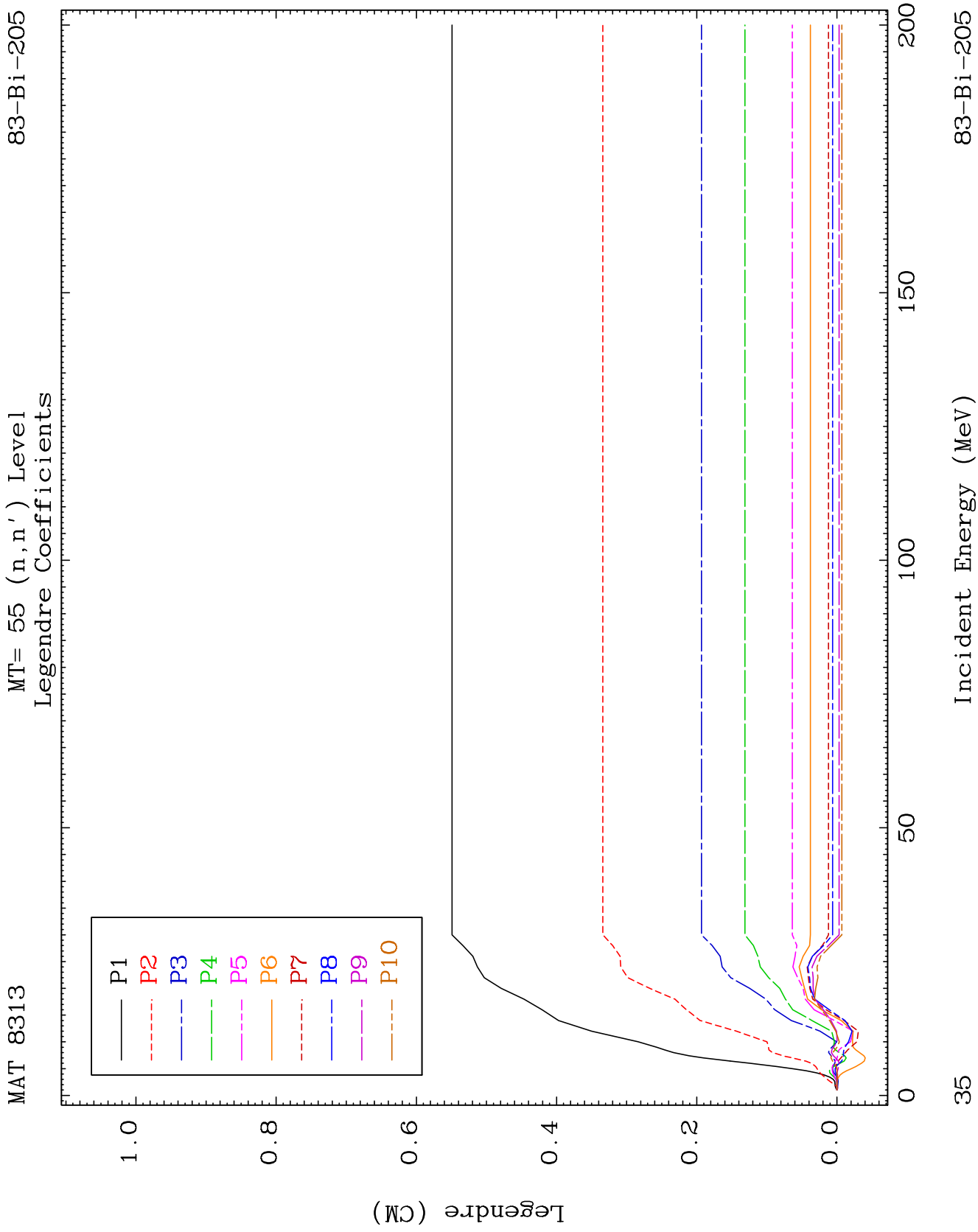


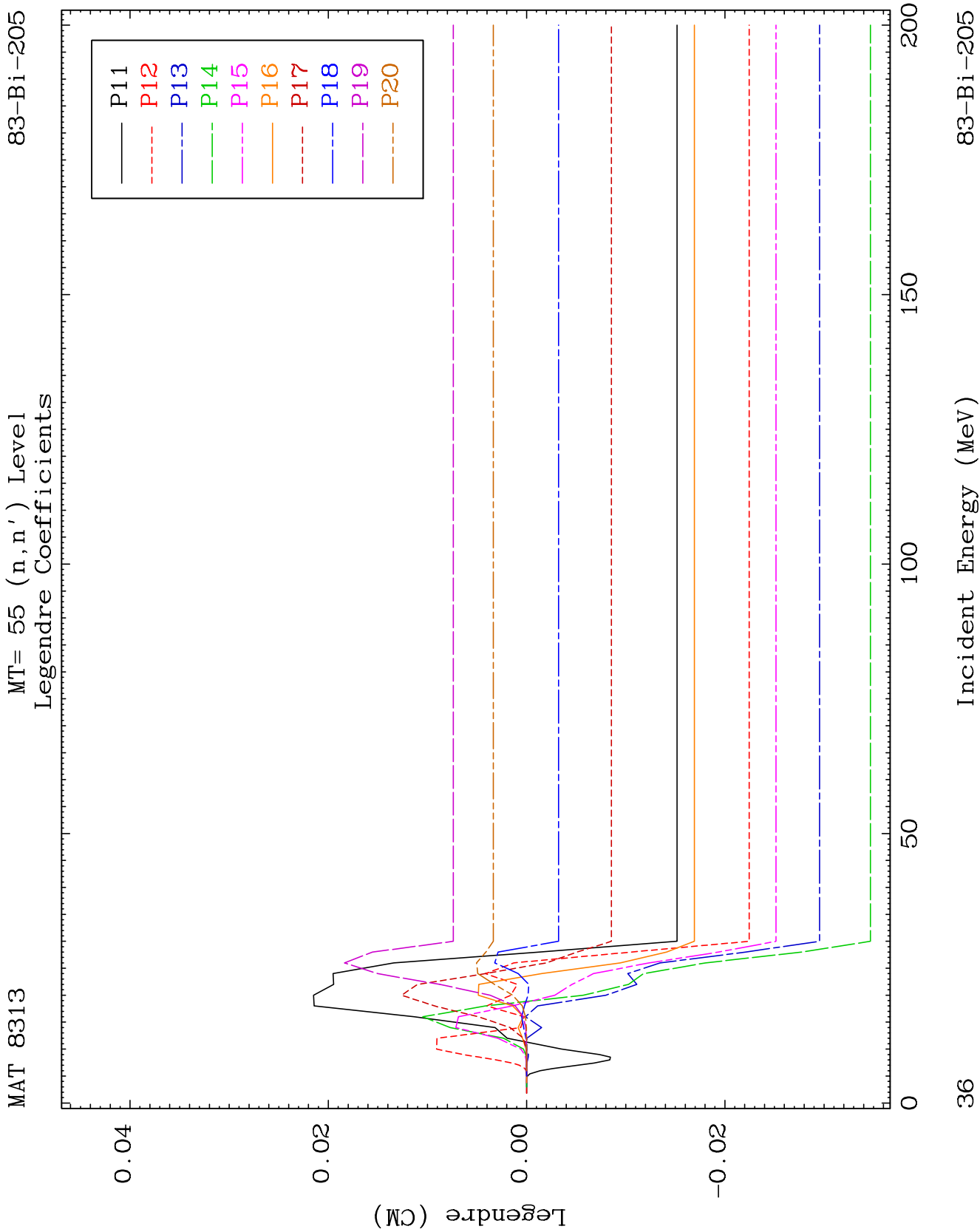
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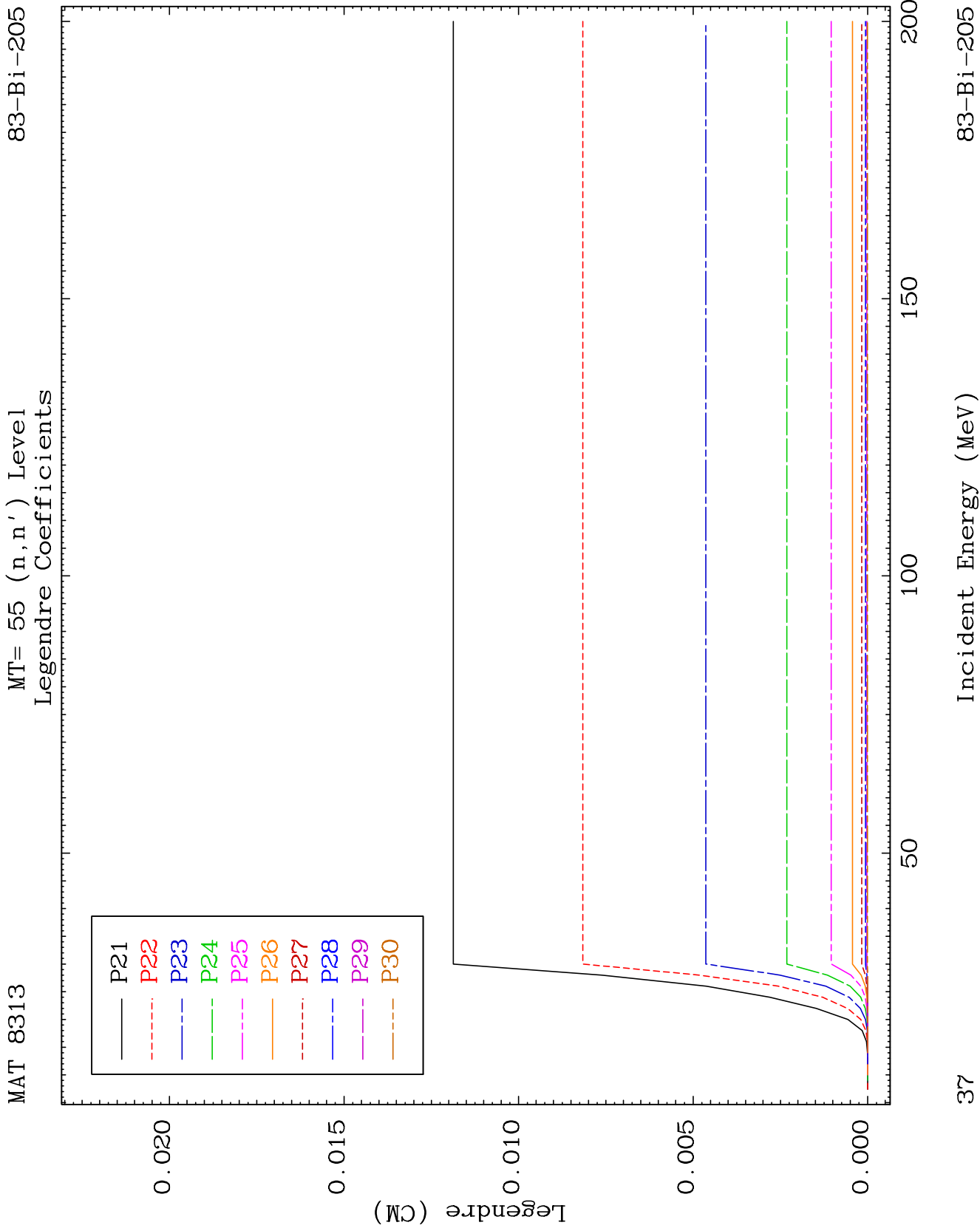
MT= 54 (n, n') Level
Legendre Coefficients

83-Bi-205





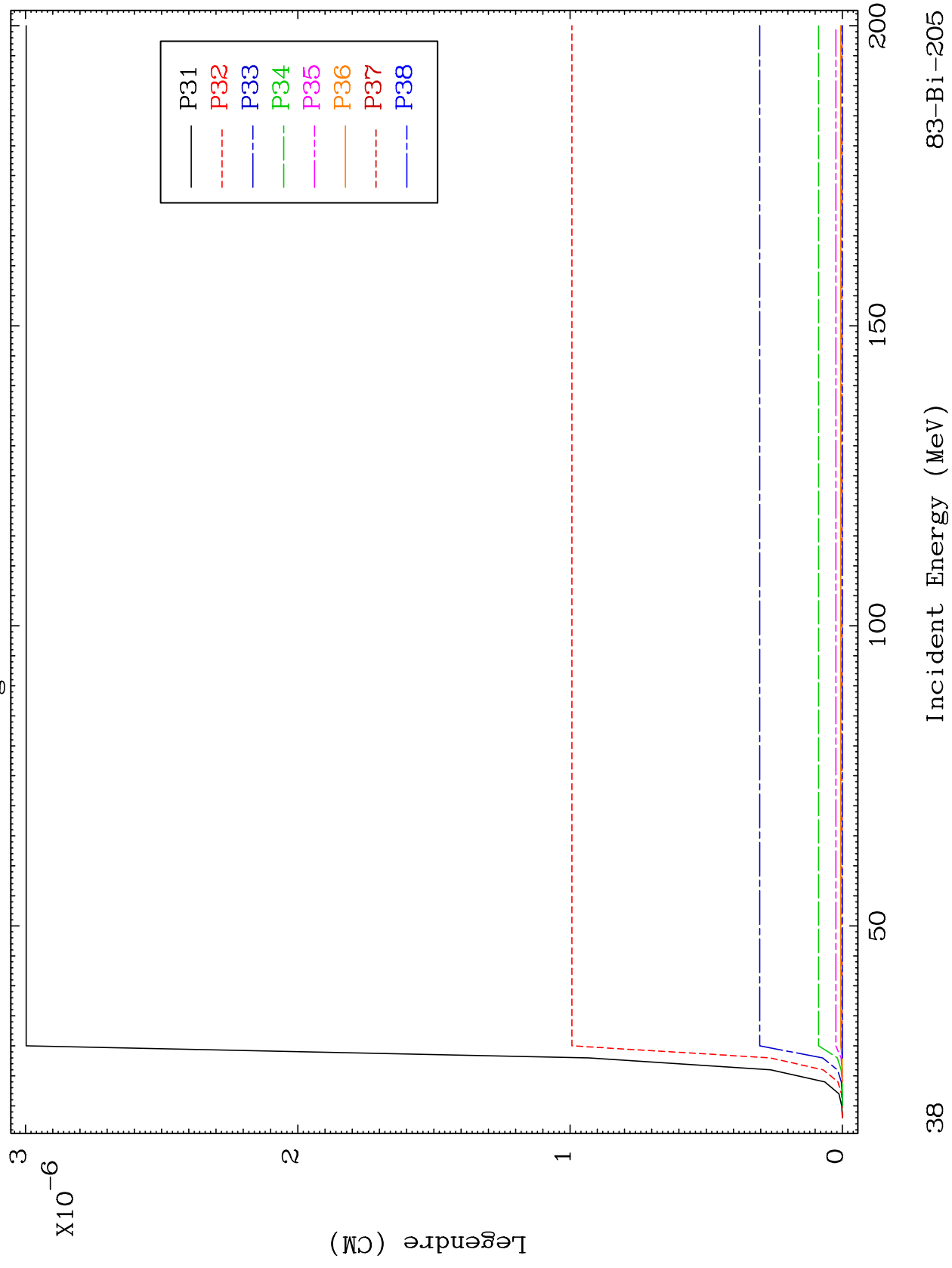




MAT 8313

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Legendre Coefficients

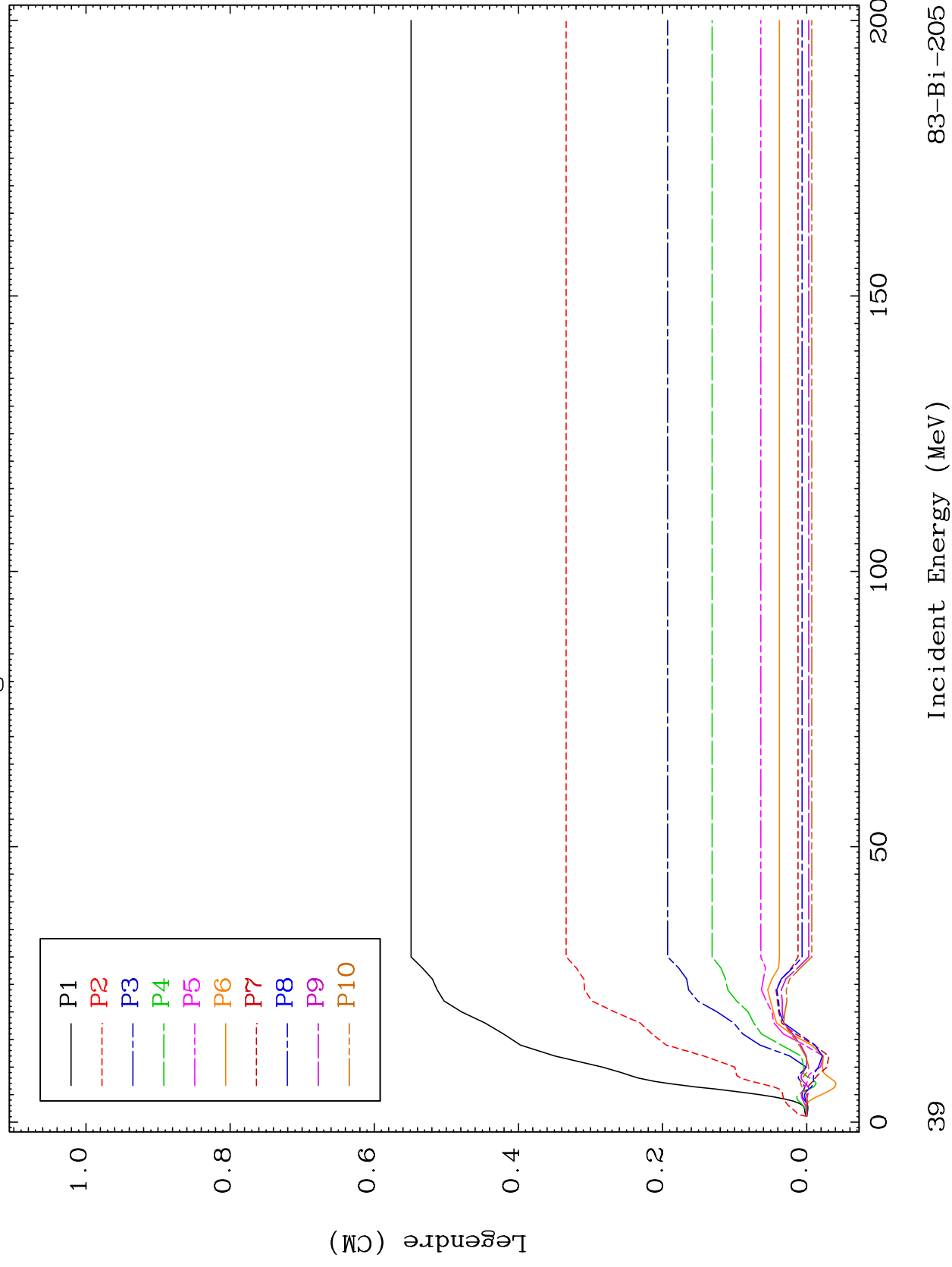
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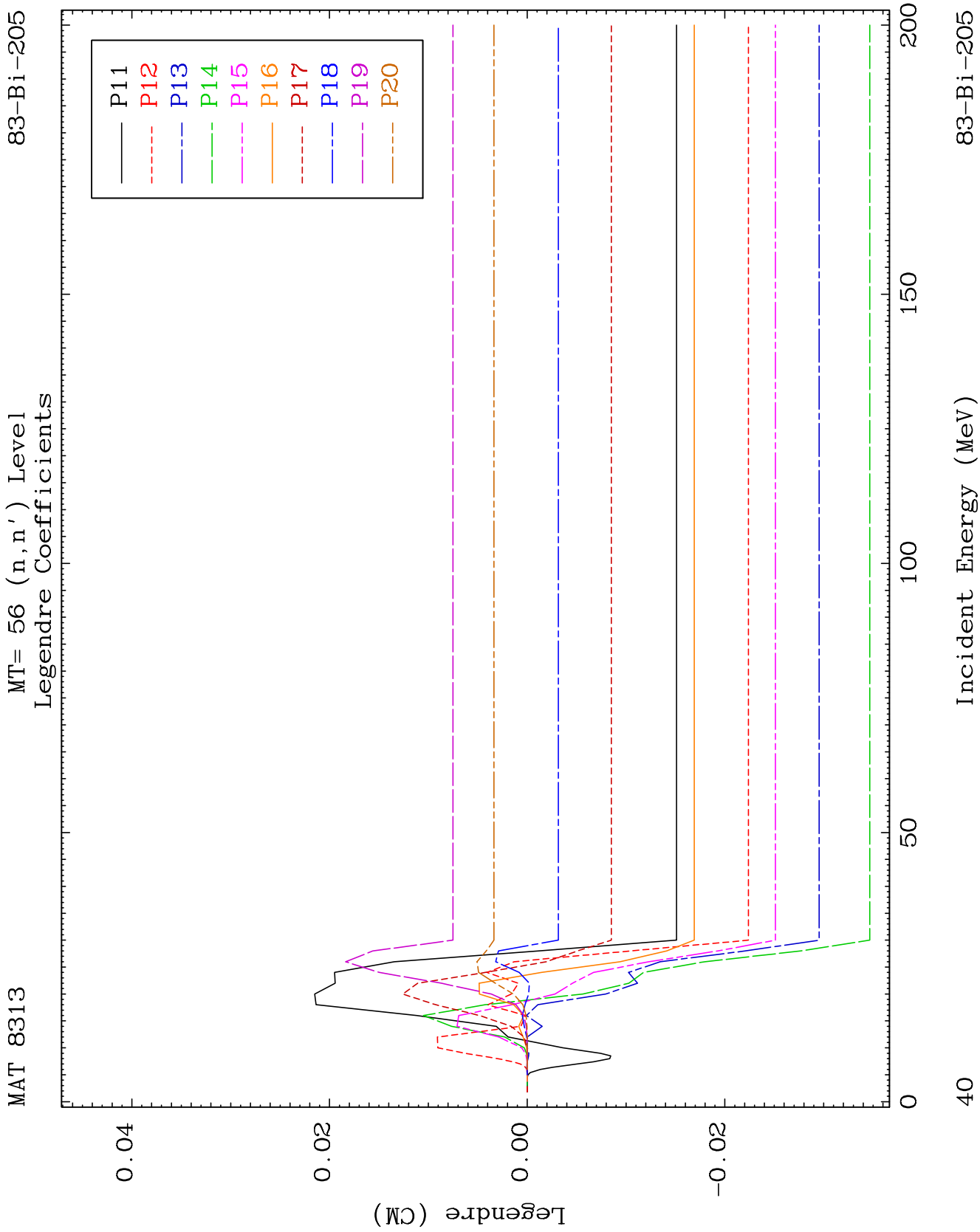


MAT 8313

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

83-Bi-205

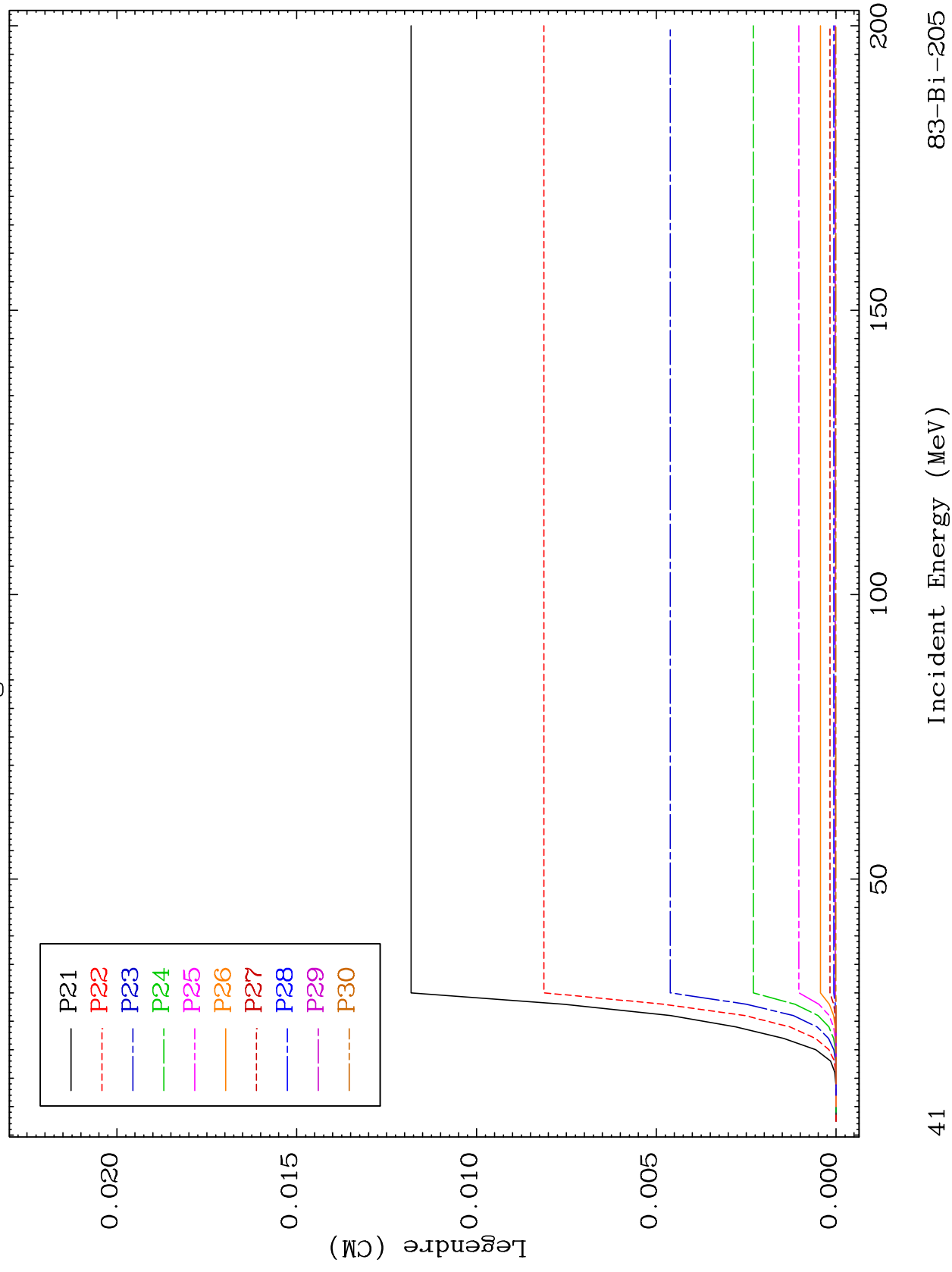


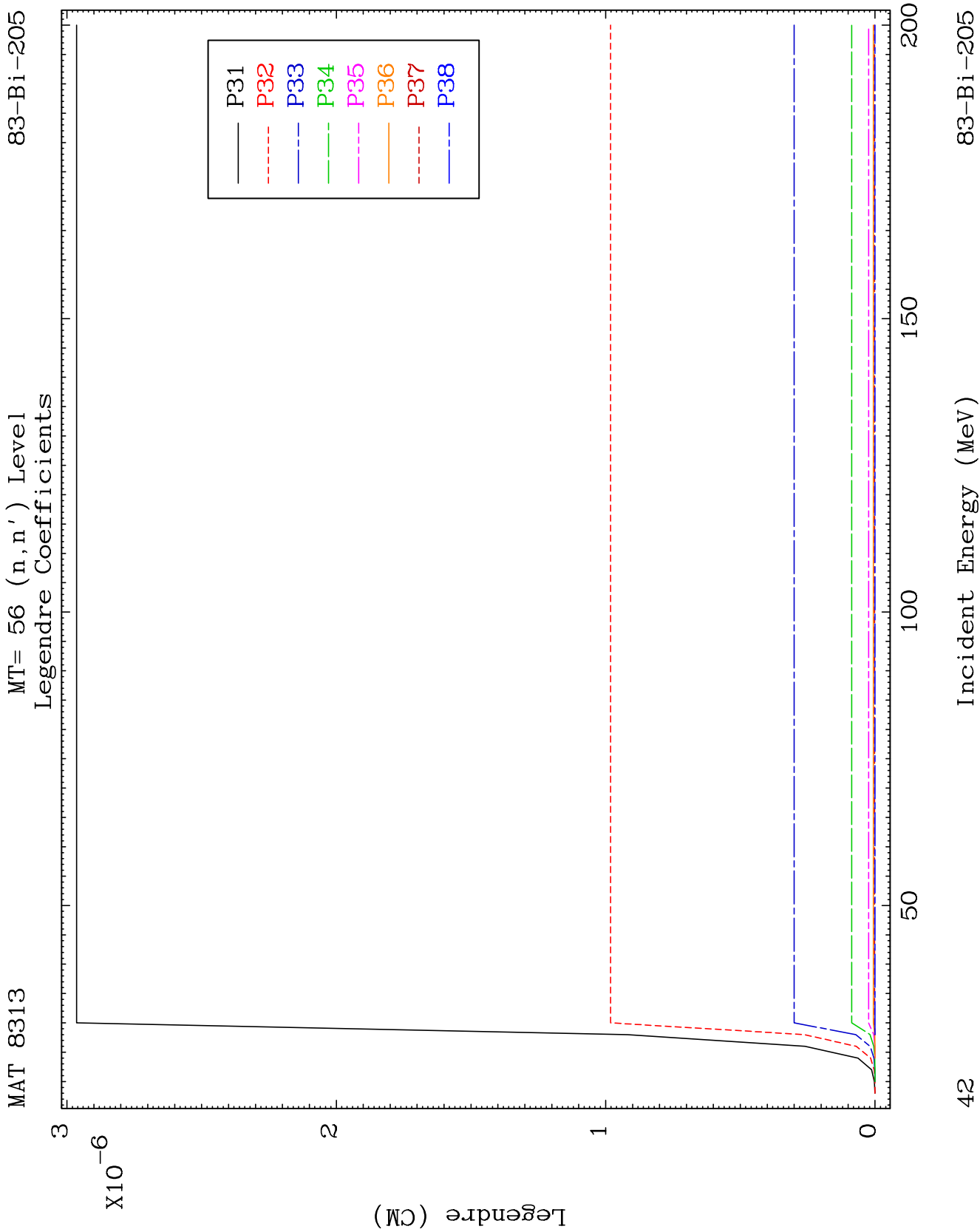


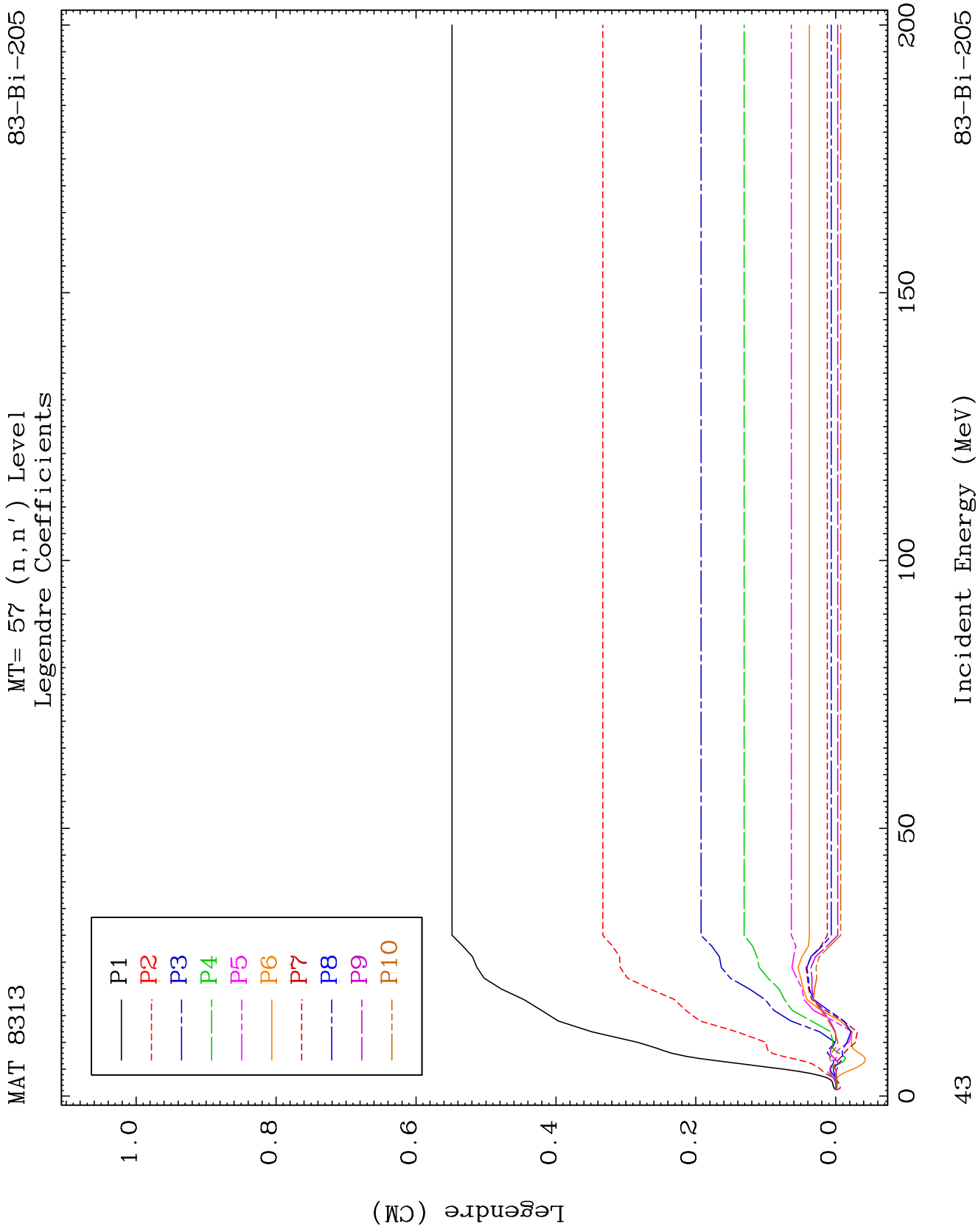
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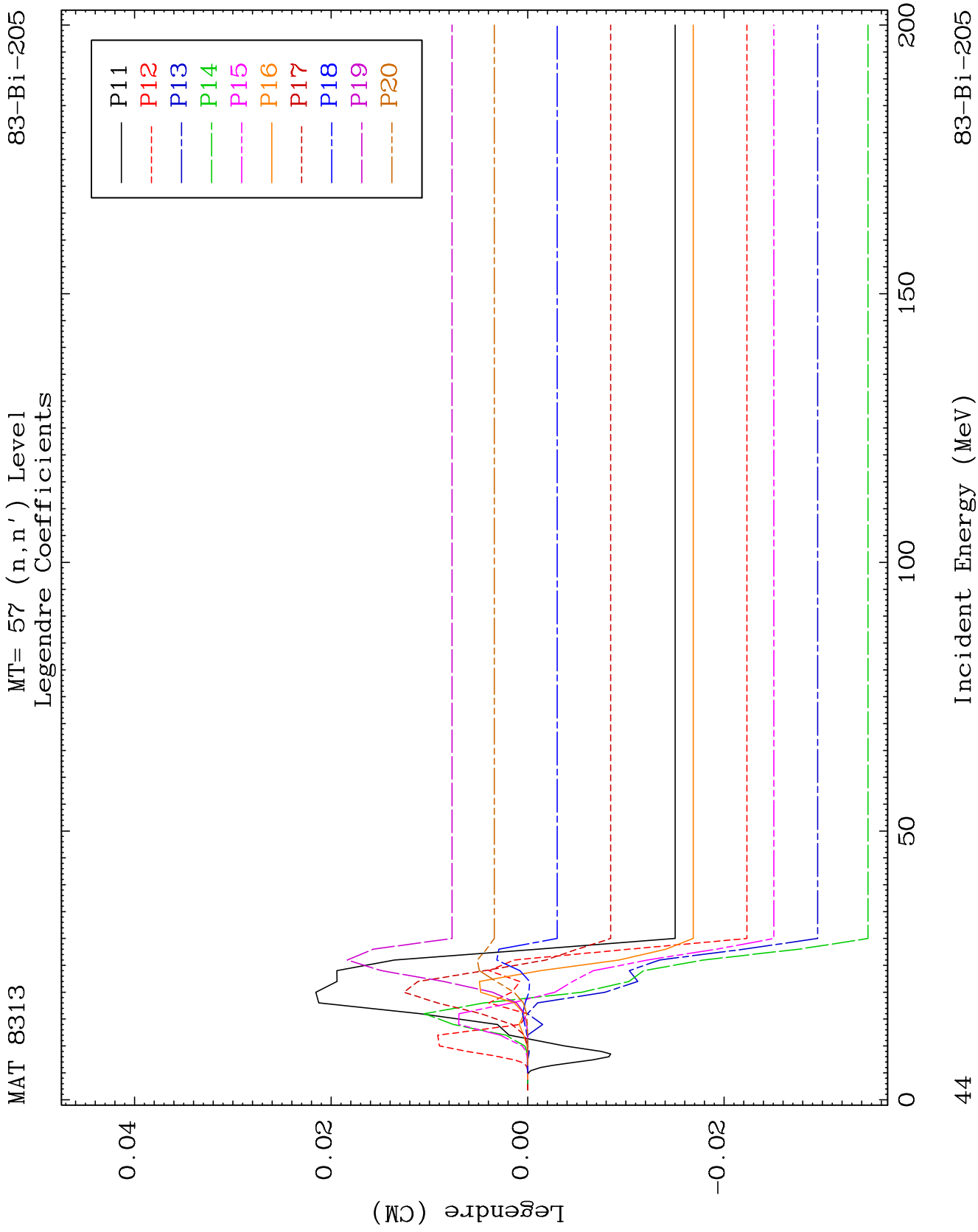
MT= 56 (n, n') Level
Legendre Coefficients

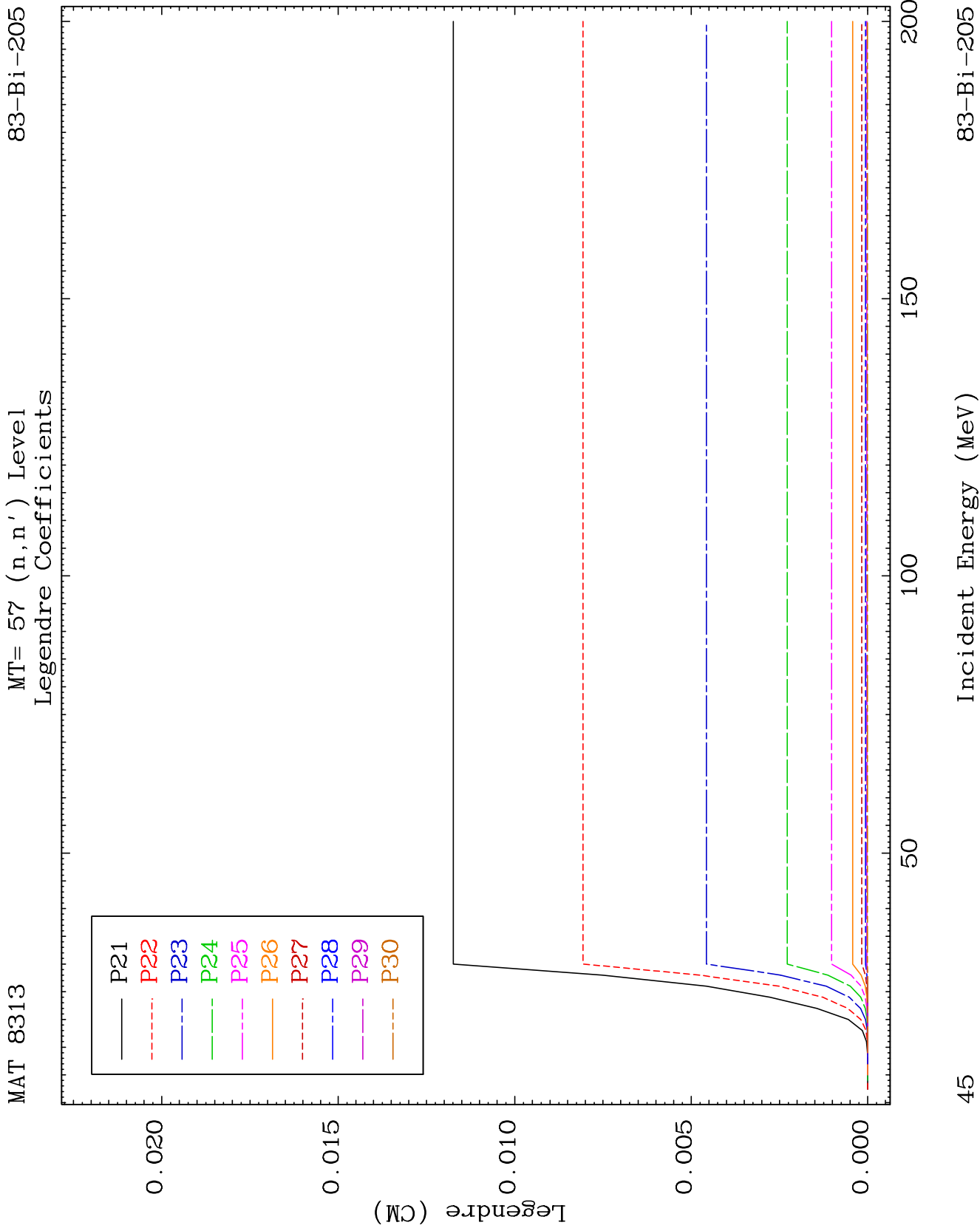
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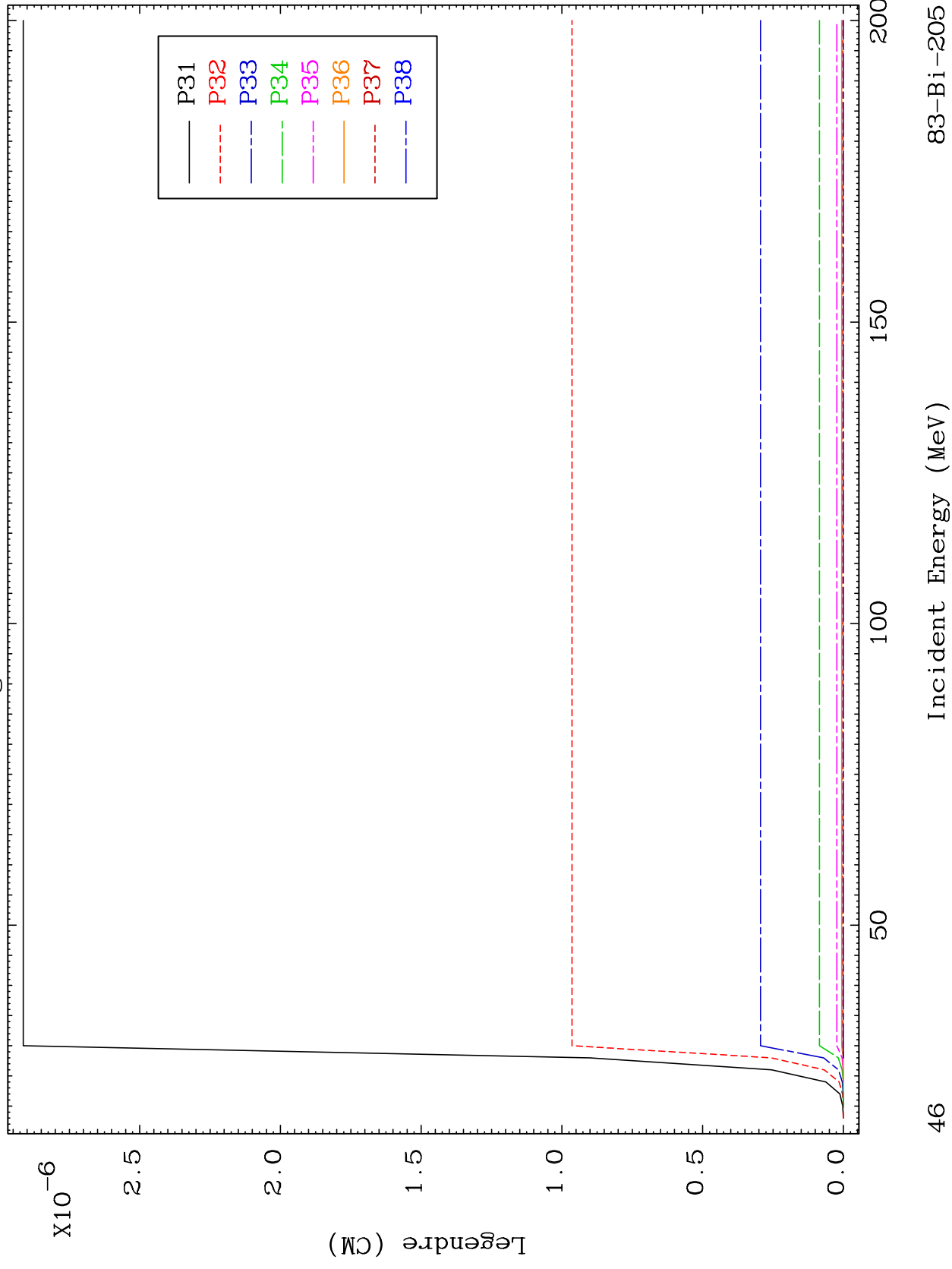


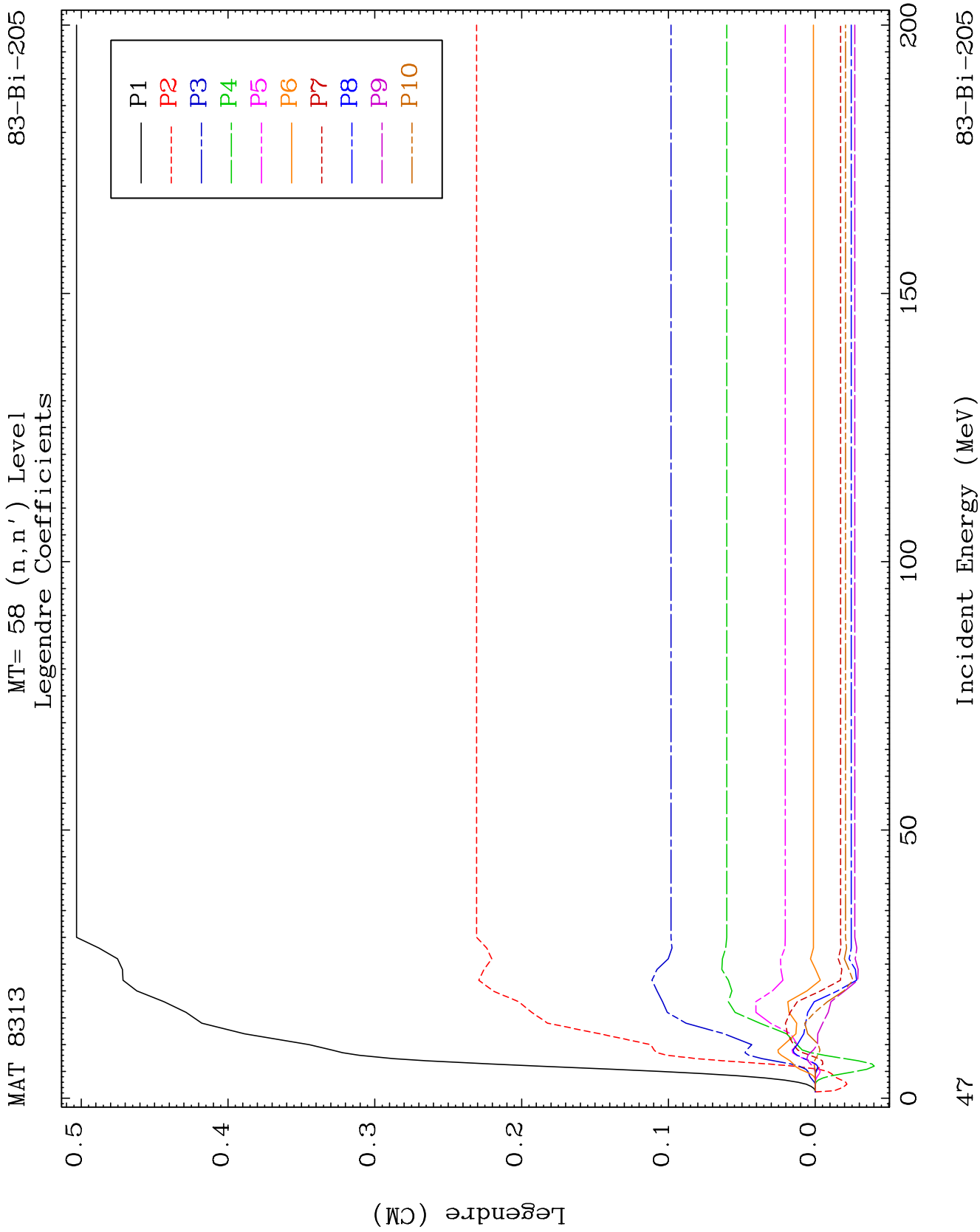


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MT= 57 (n, n') Level
Legendre Coefficients

83-Bi-205

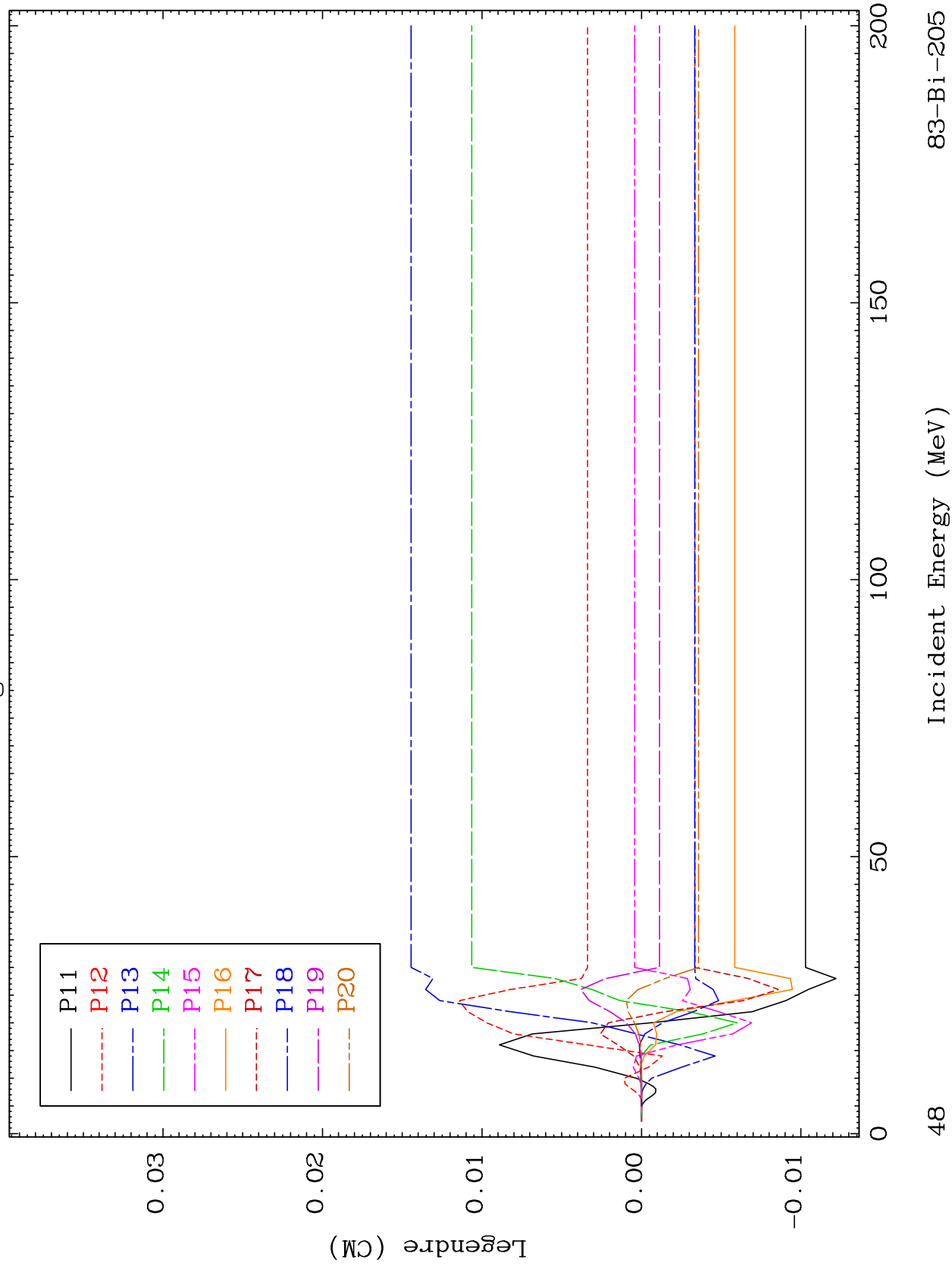


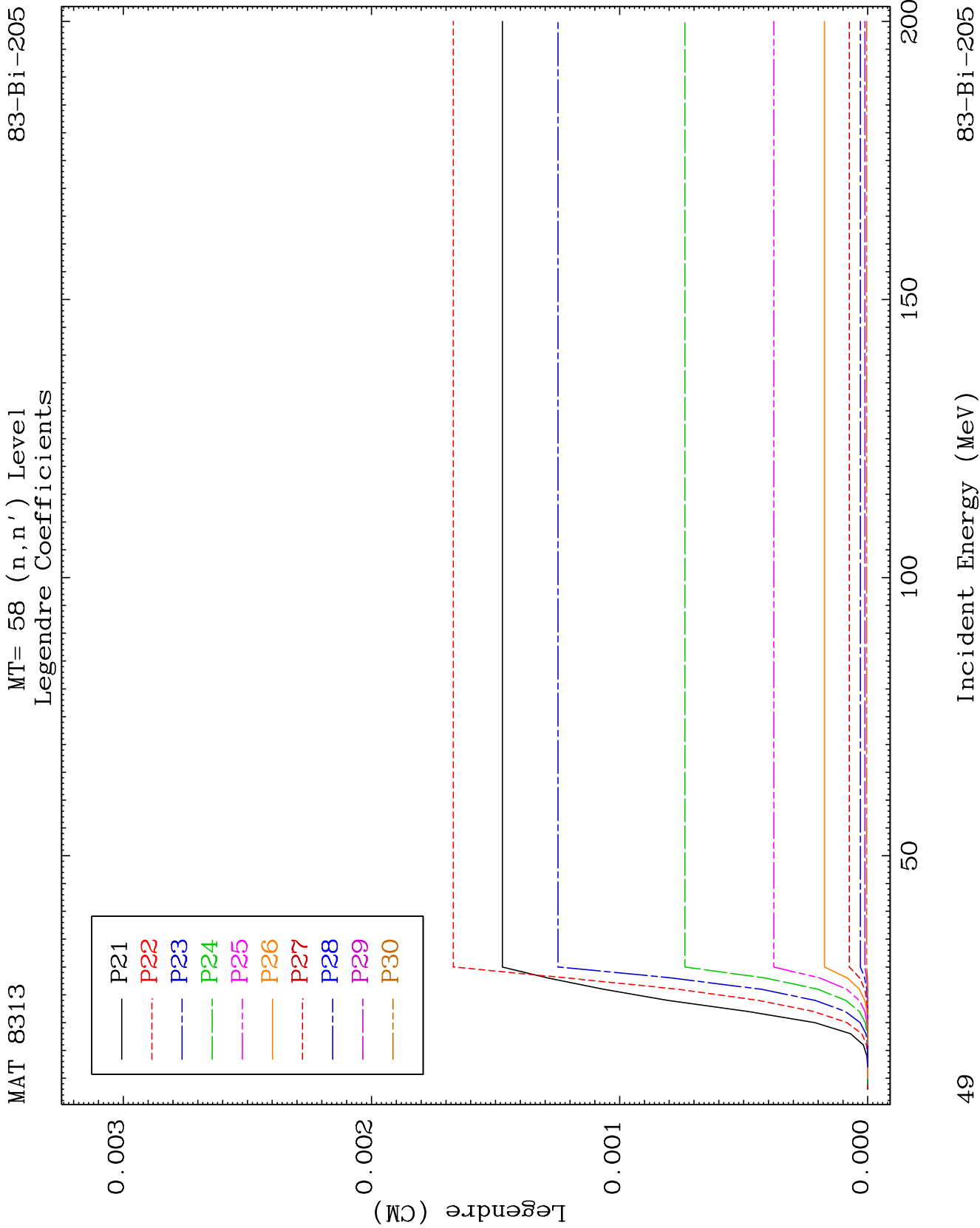


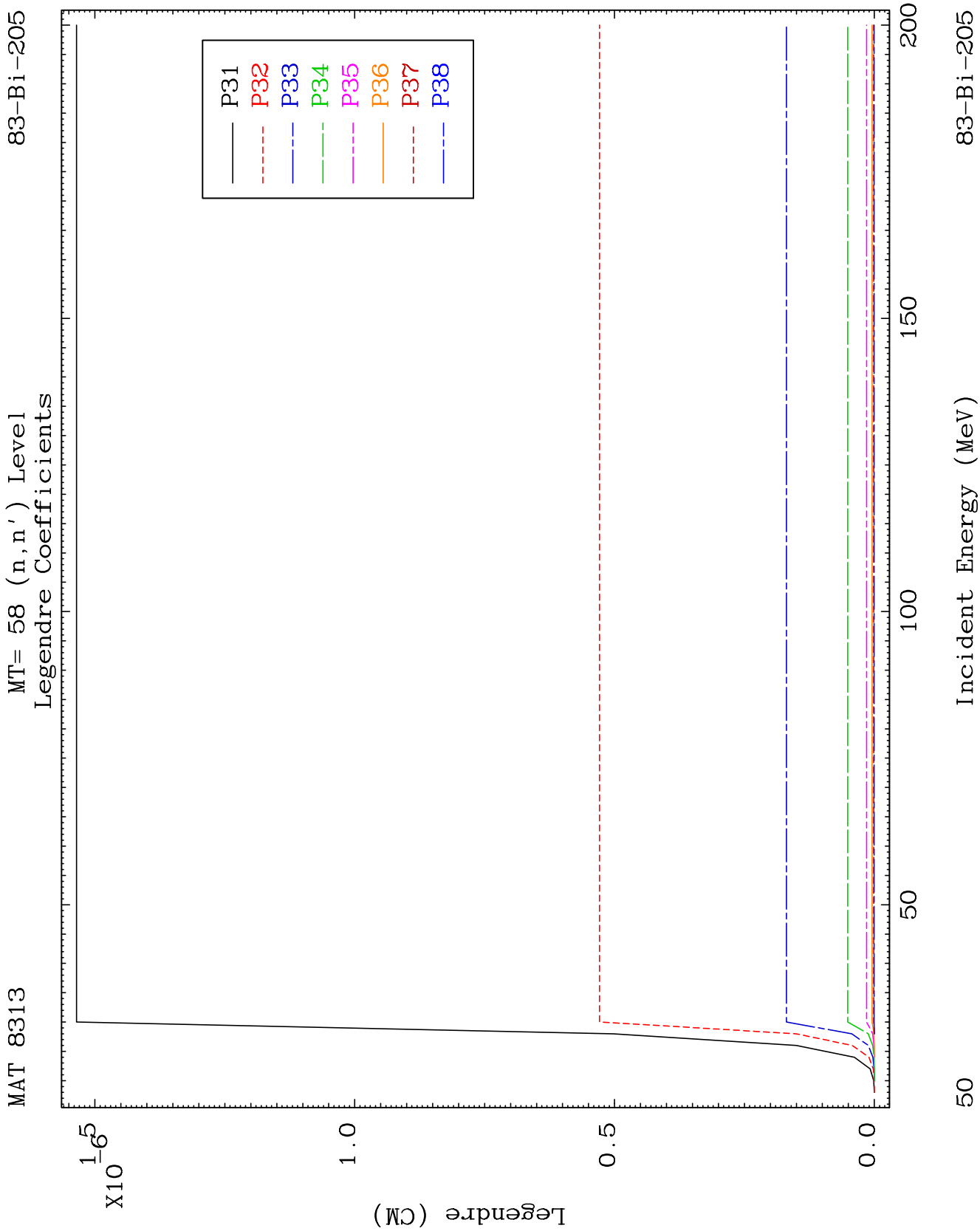
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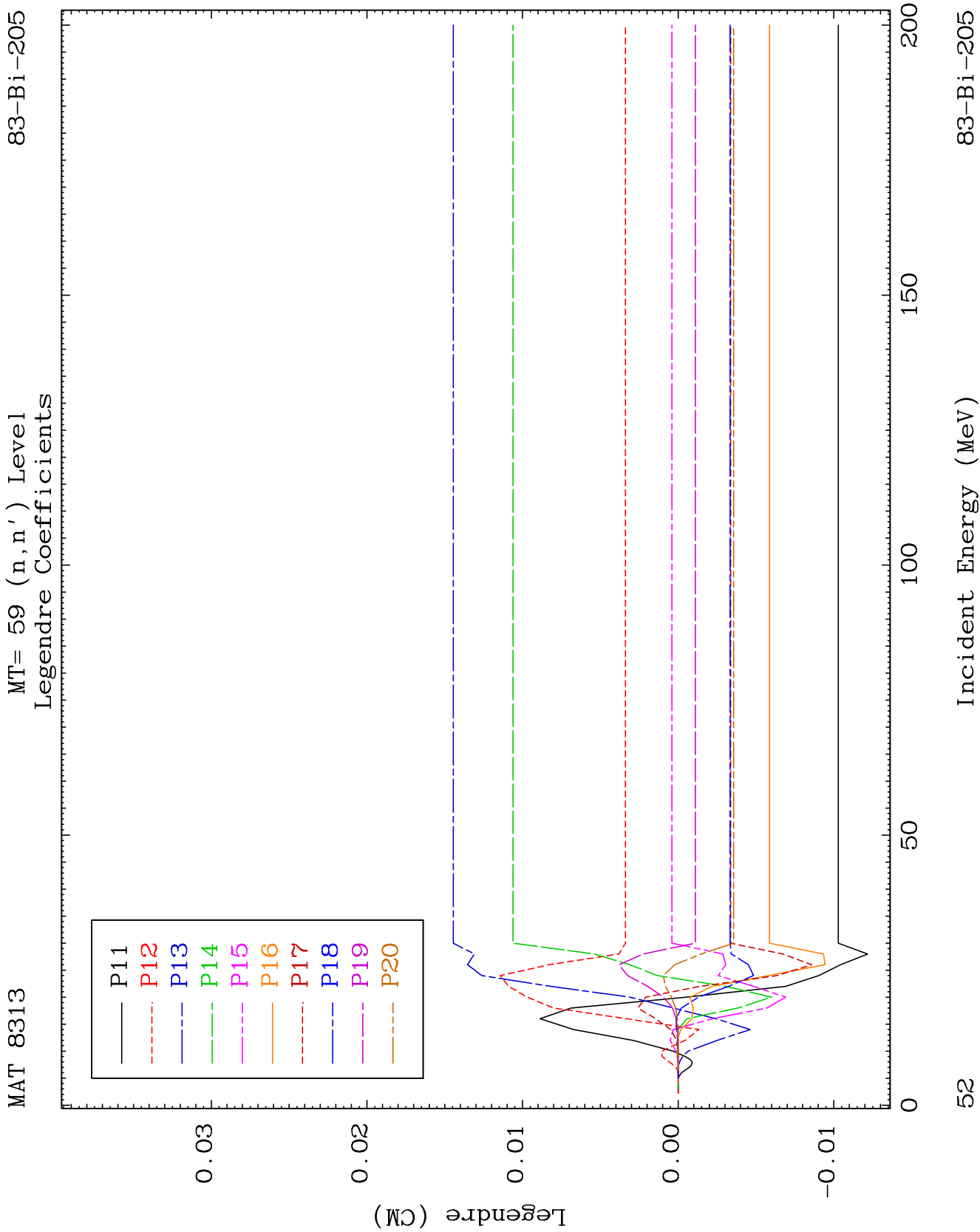
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Legendre Coefficients

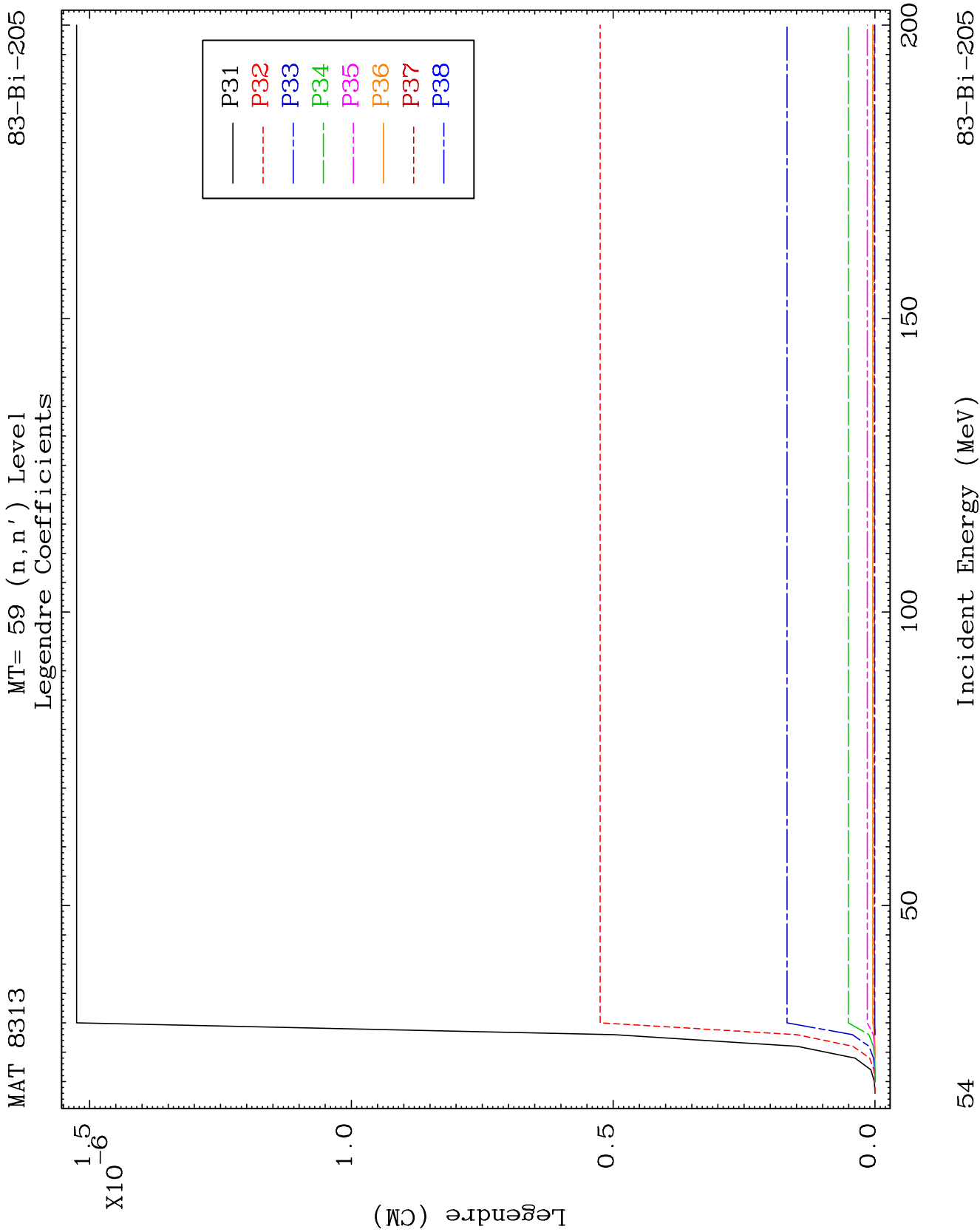
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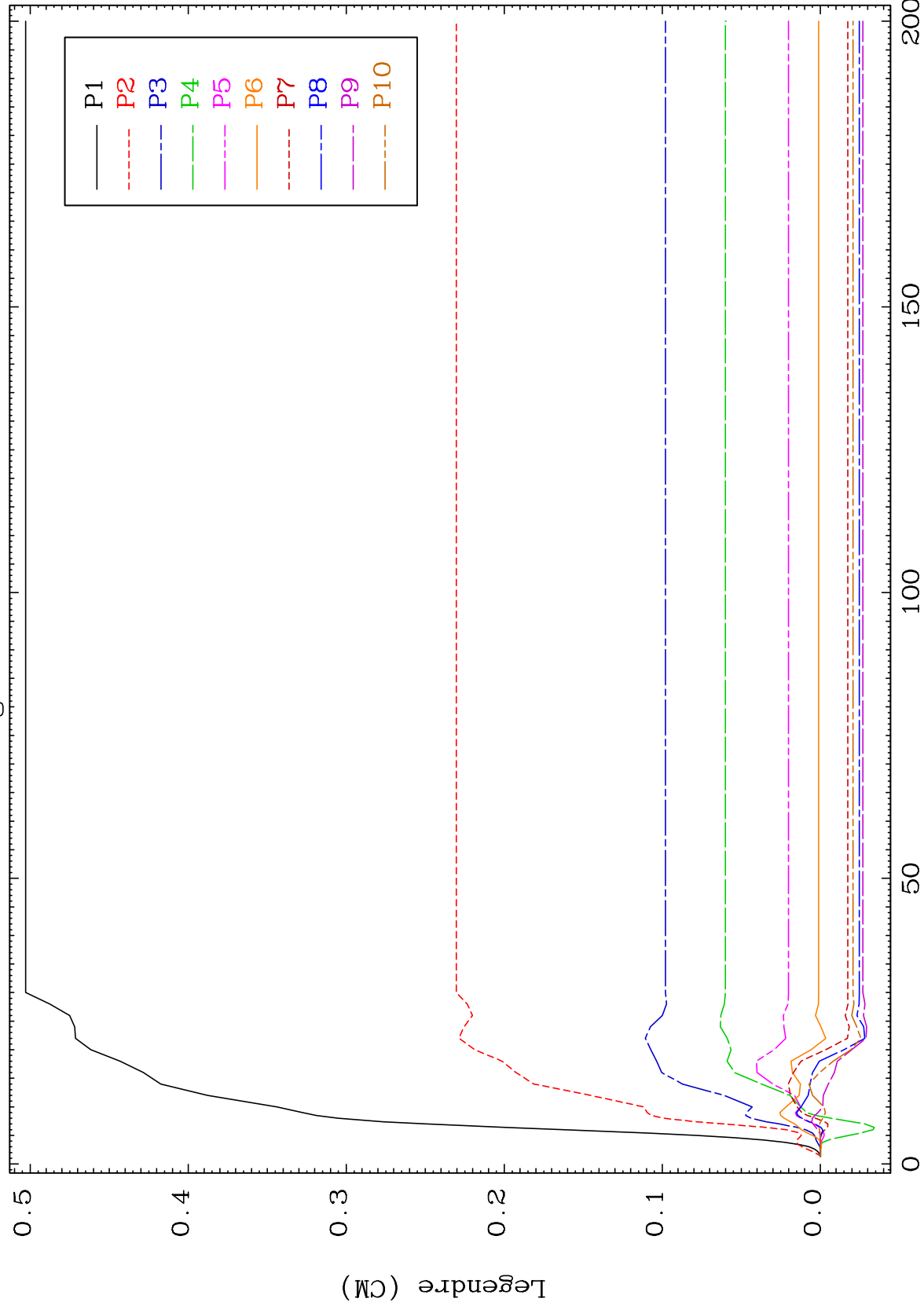




MAT 8313

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

83-Bi-205



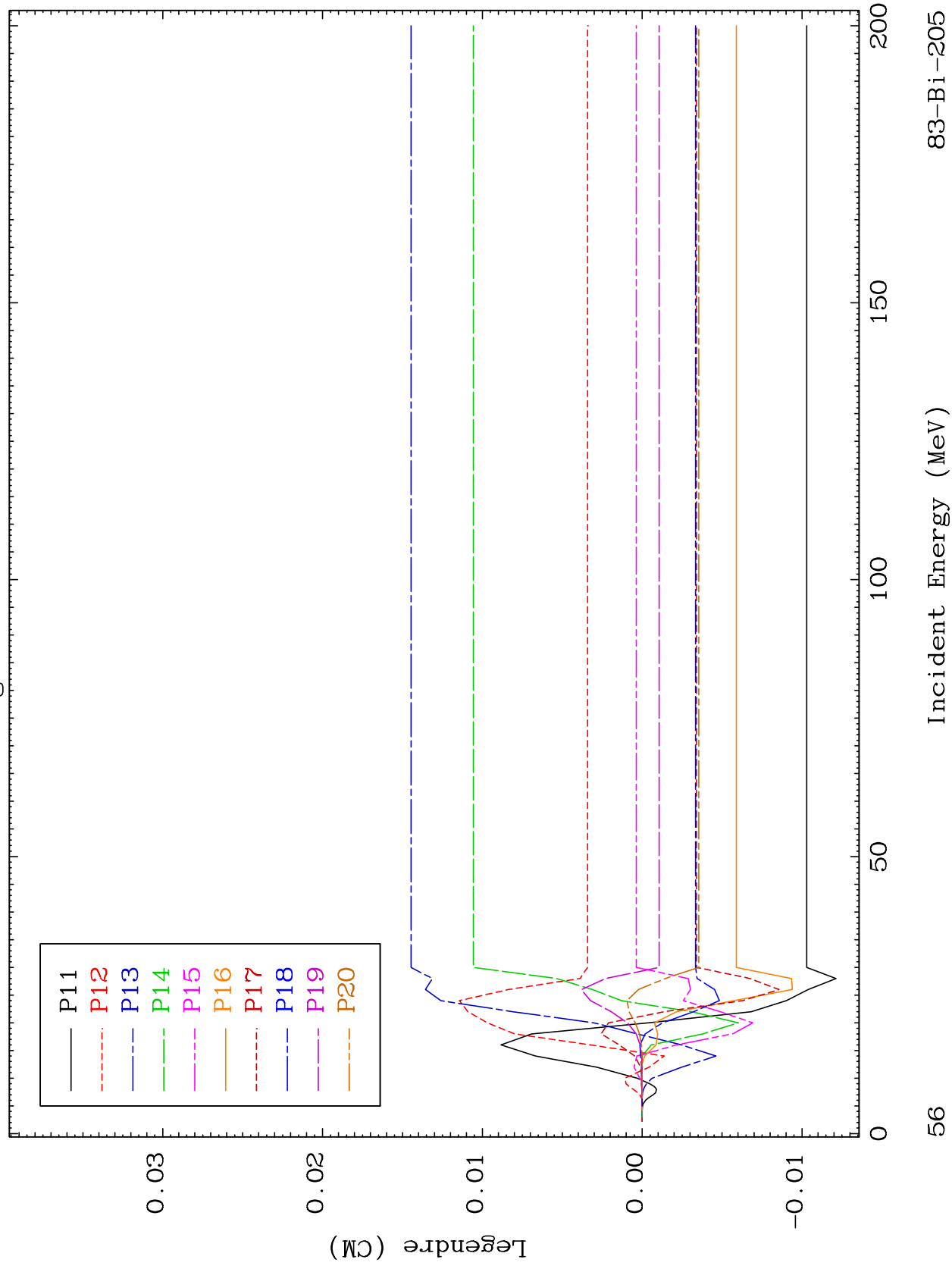
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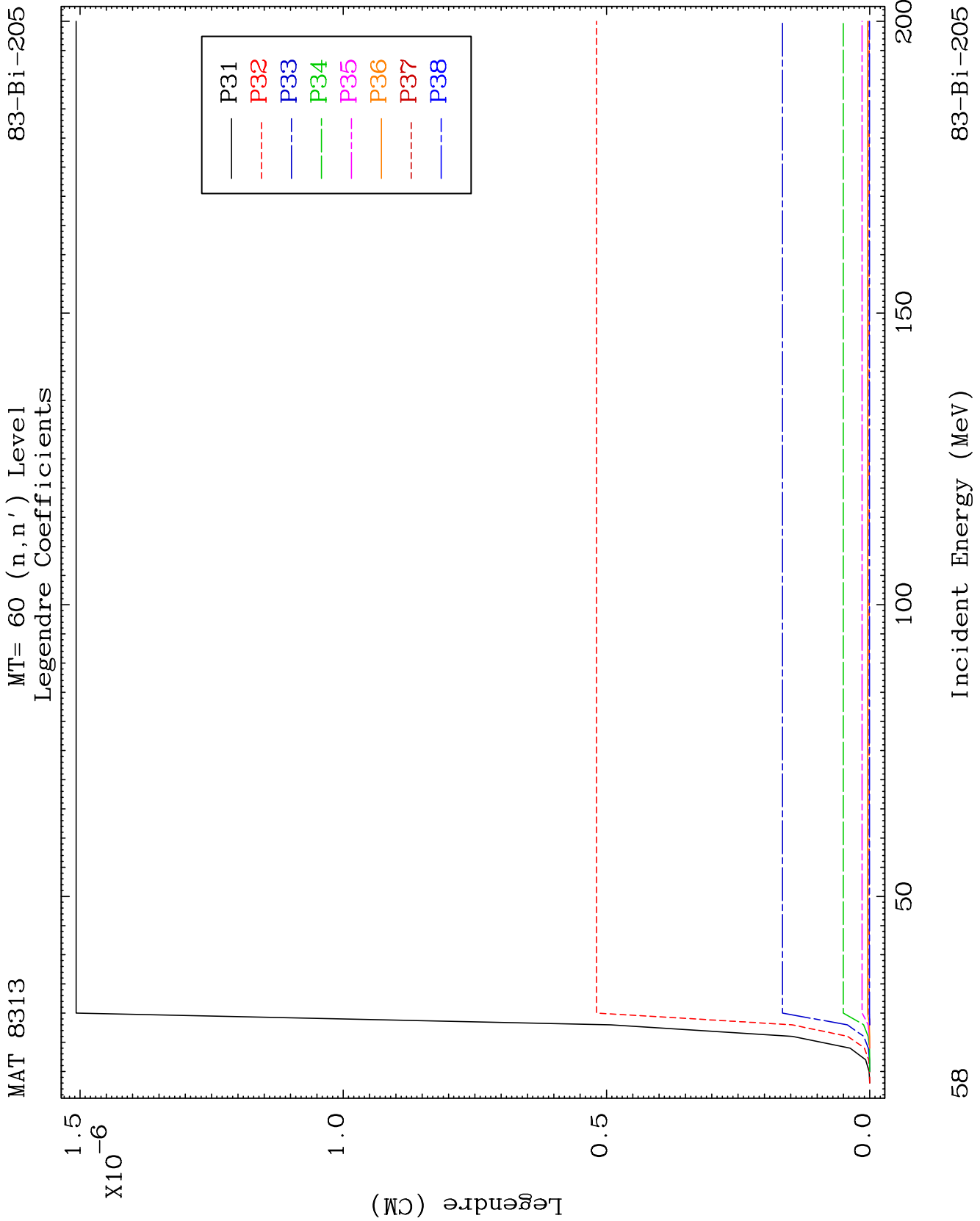
Incident Energy (MeV)

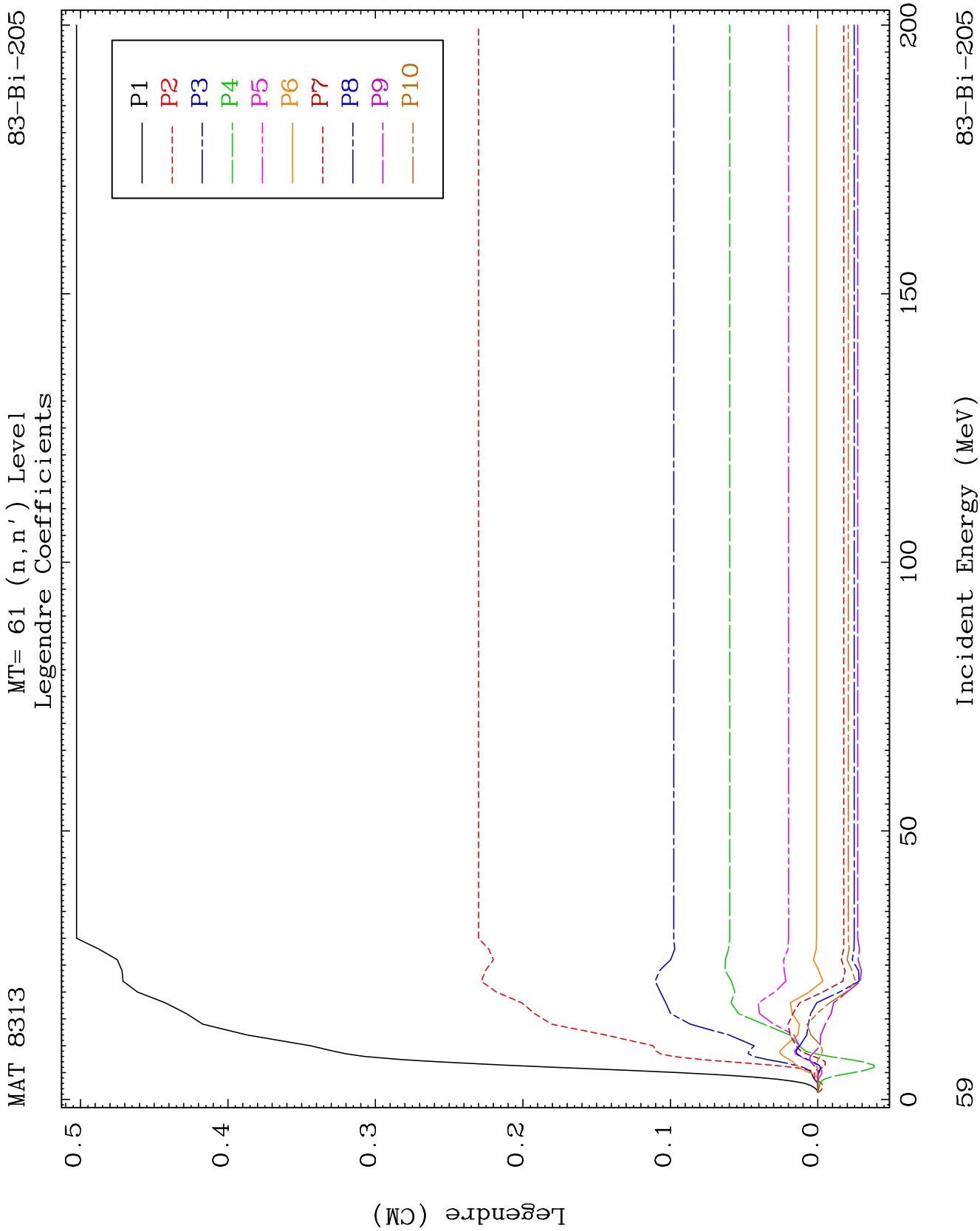
MAT 8313

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

83-Bi-205



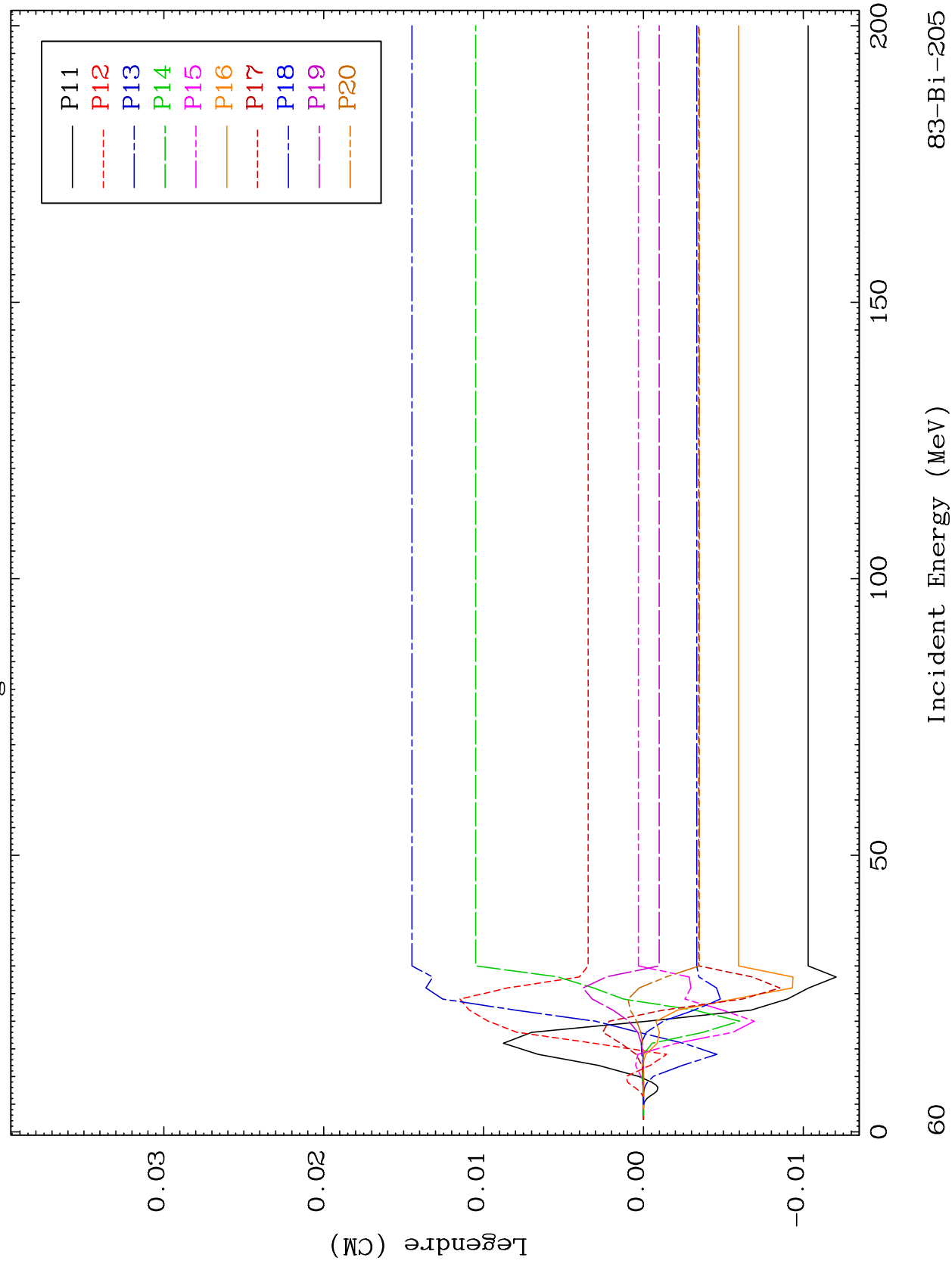


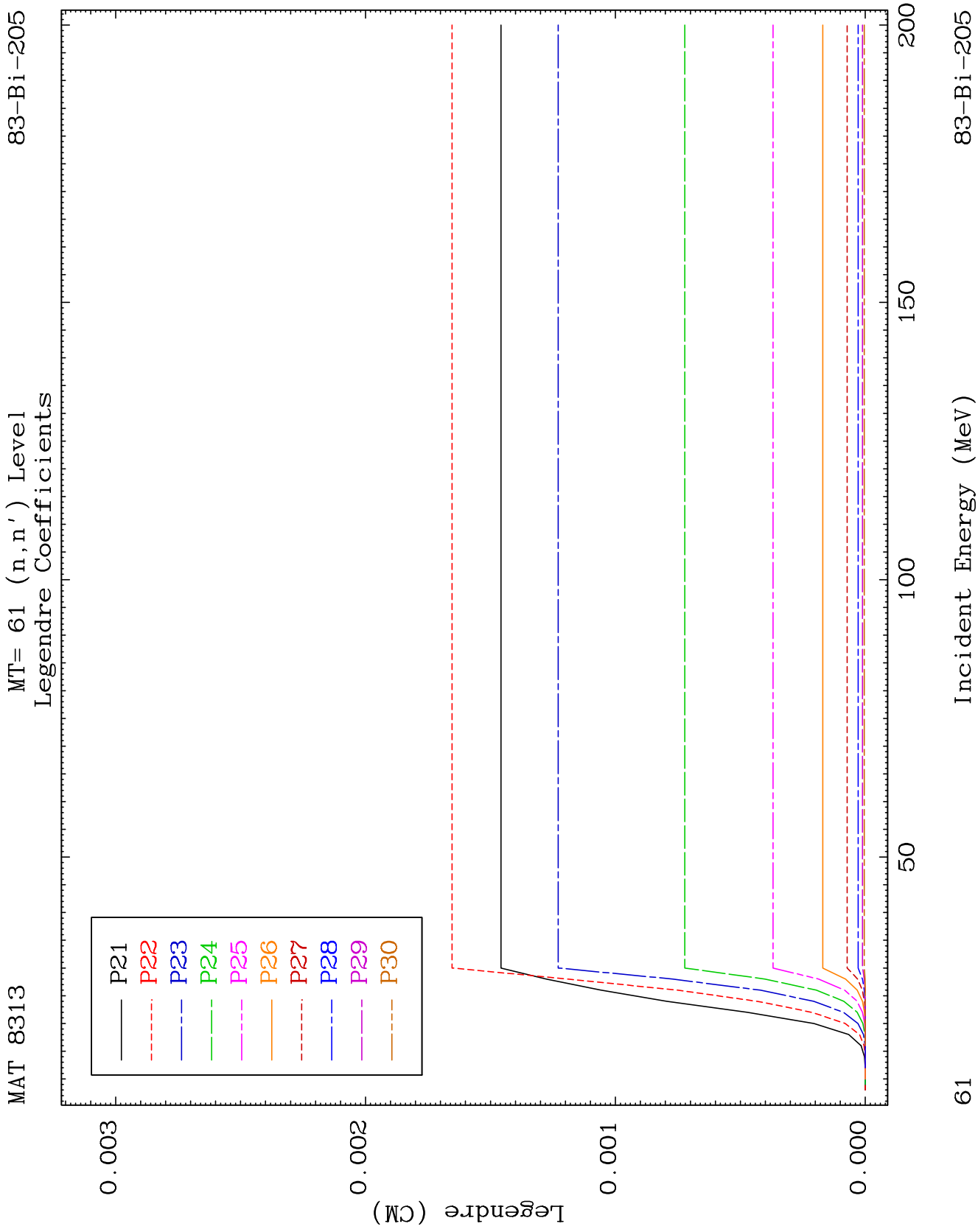


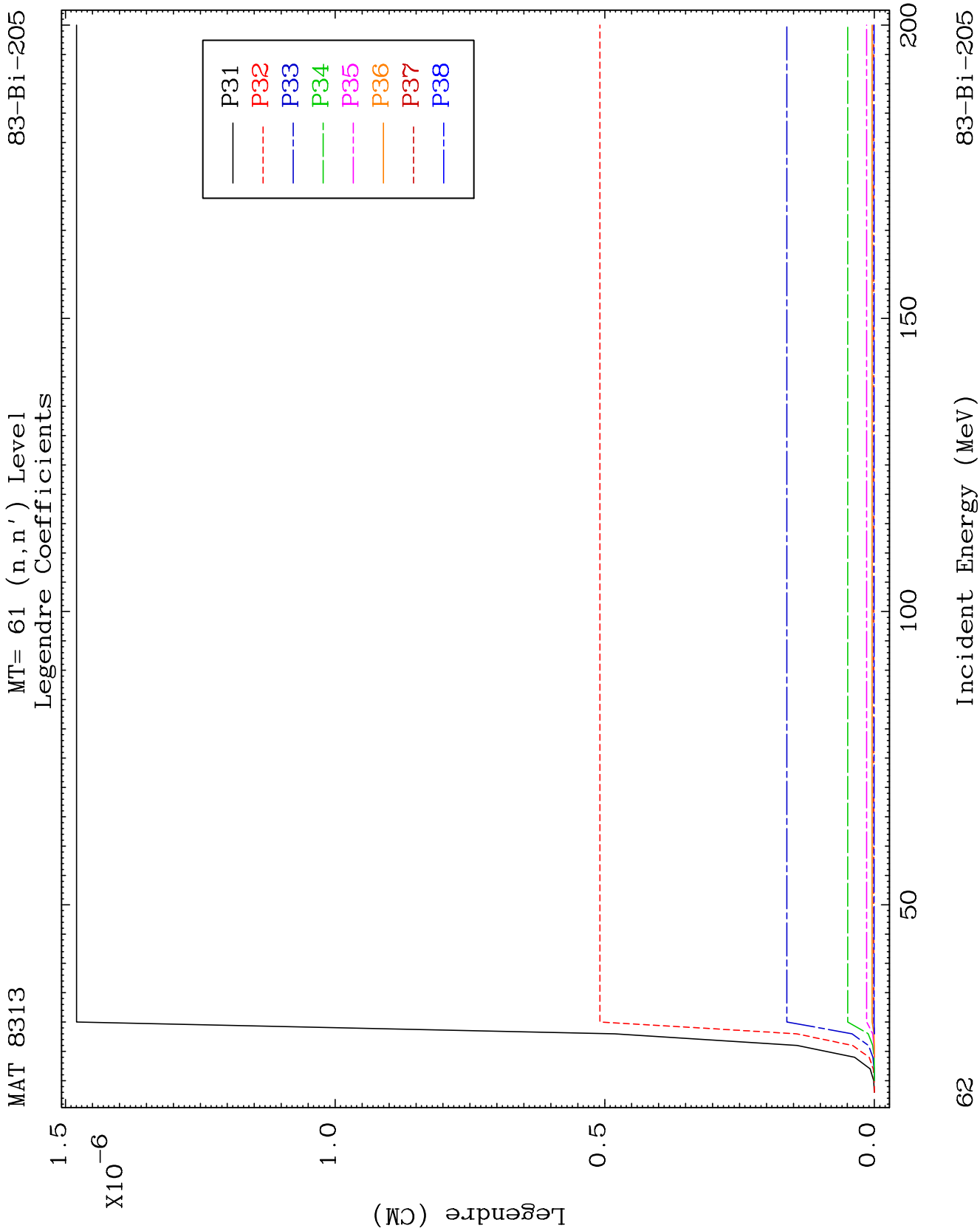
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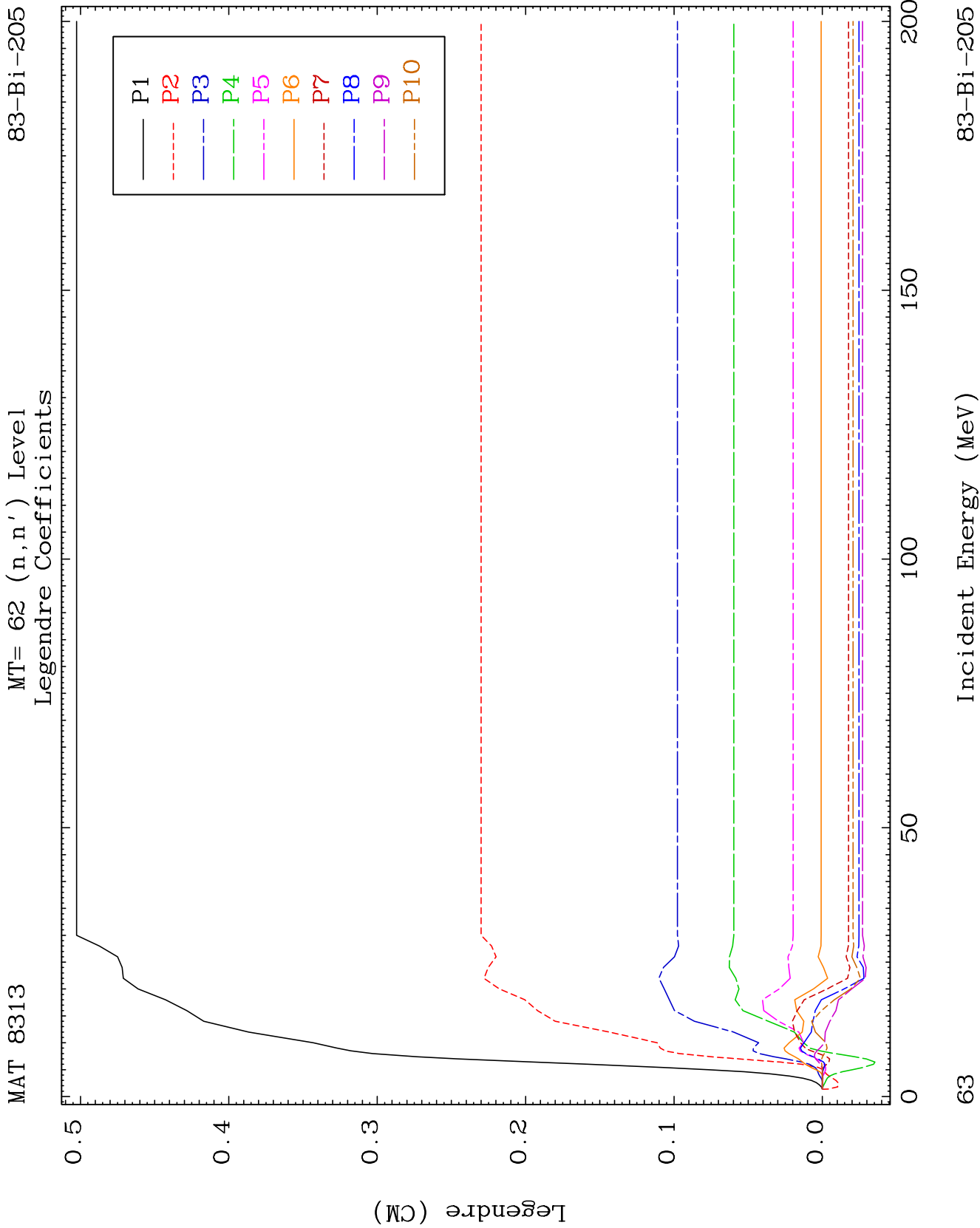
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Legendre Coefficients

83-Bi-205





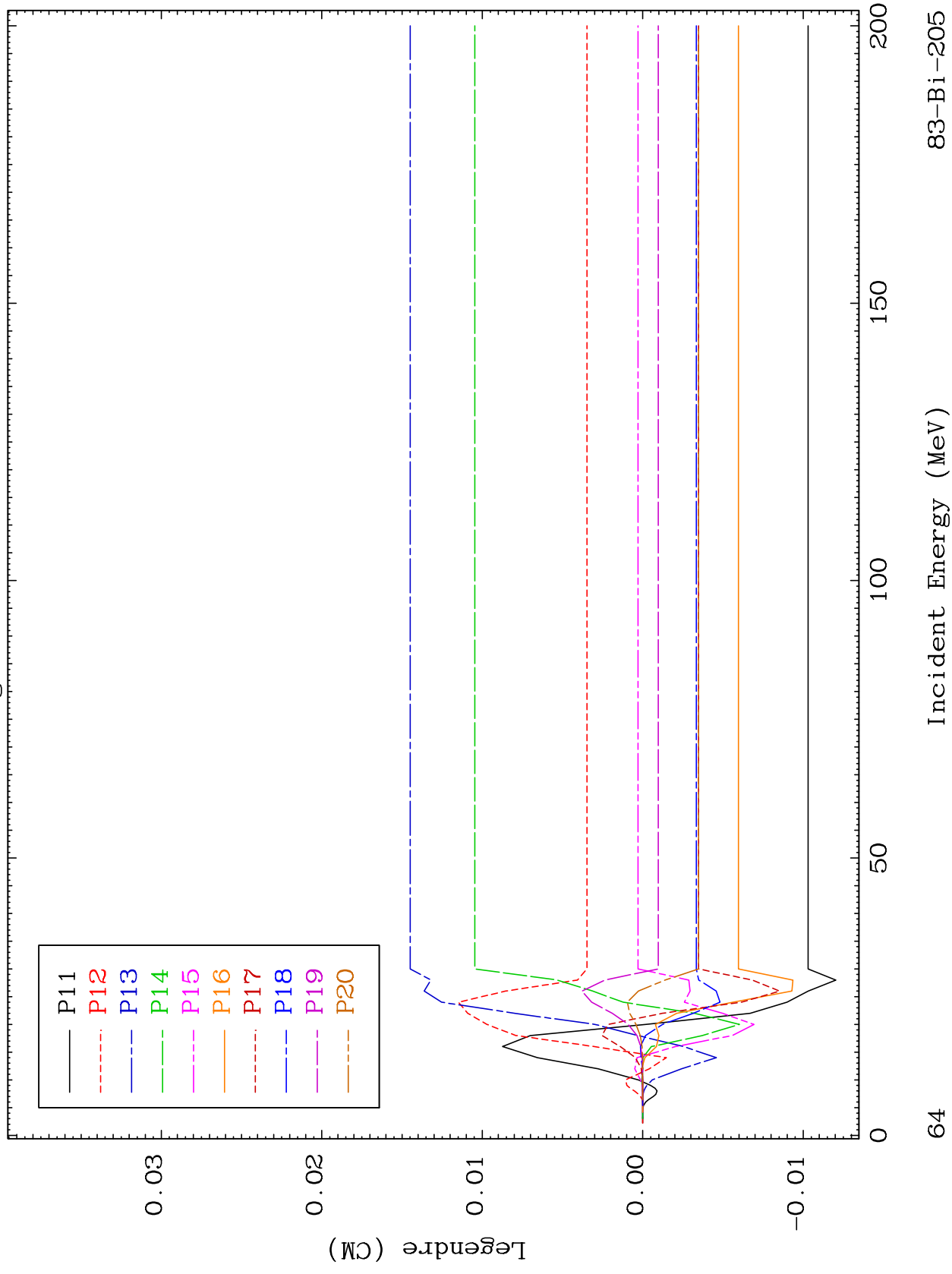


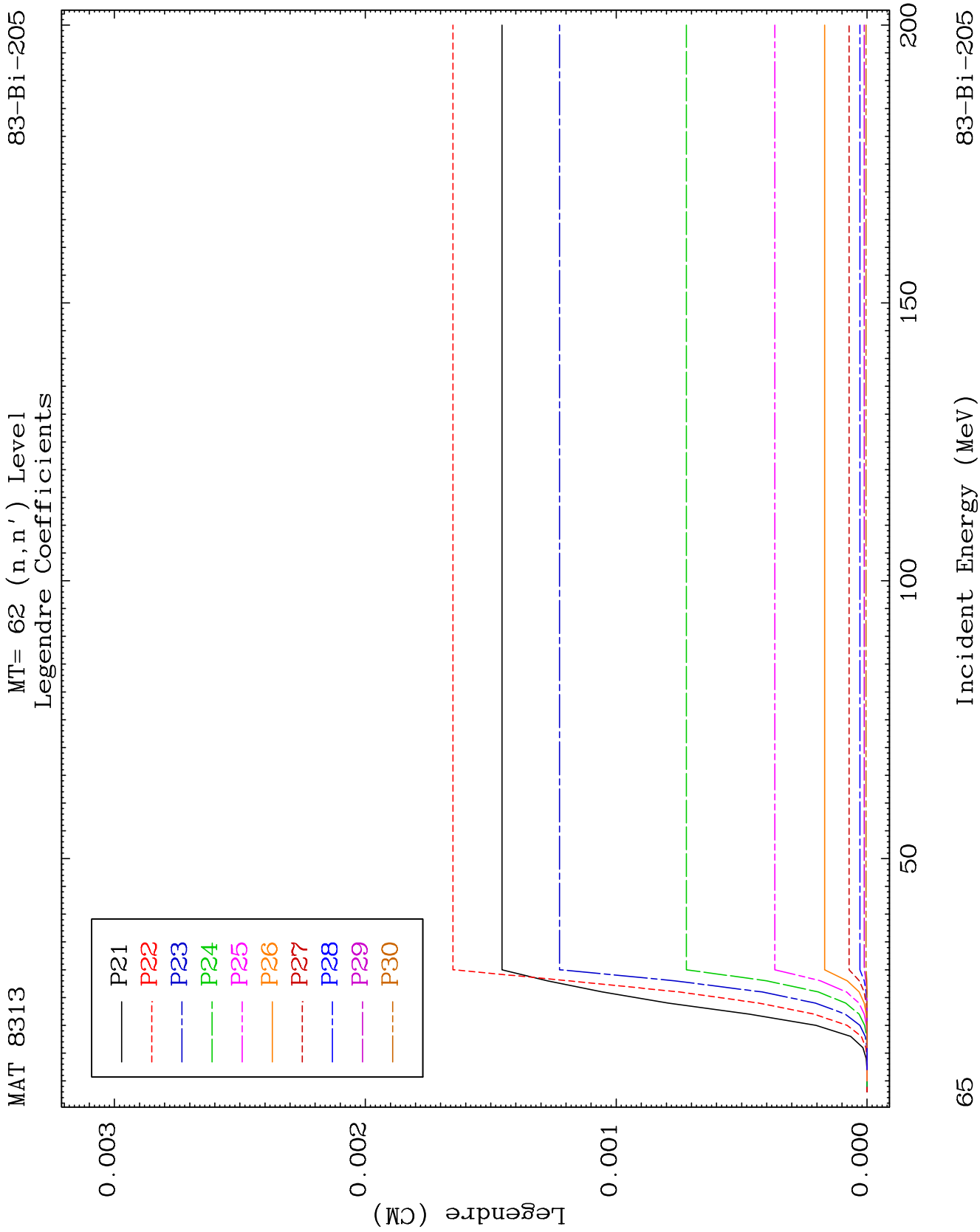


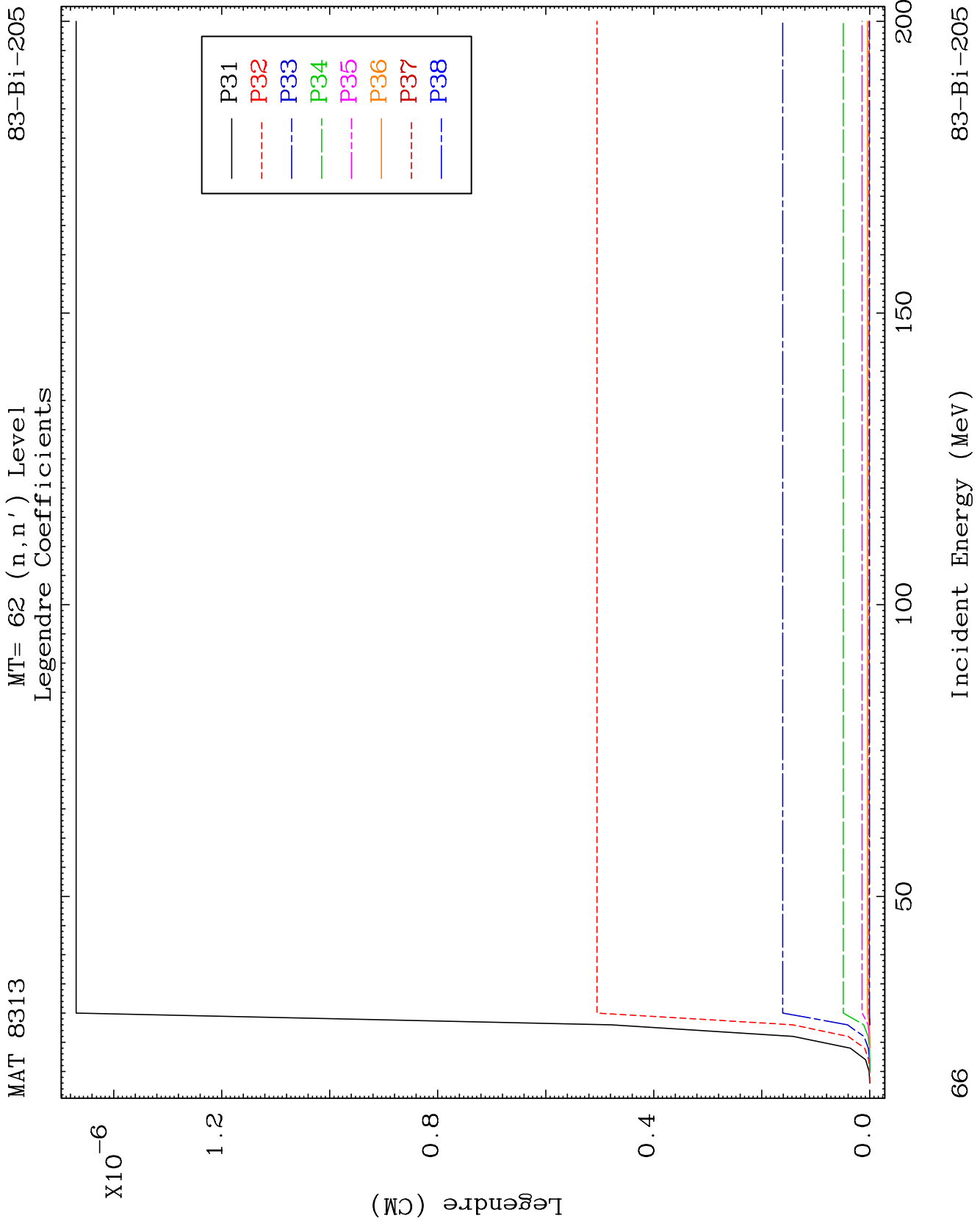
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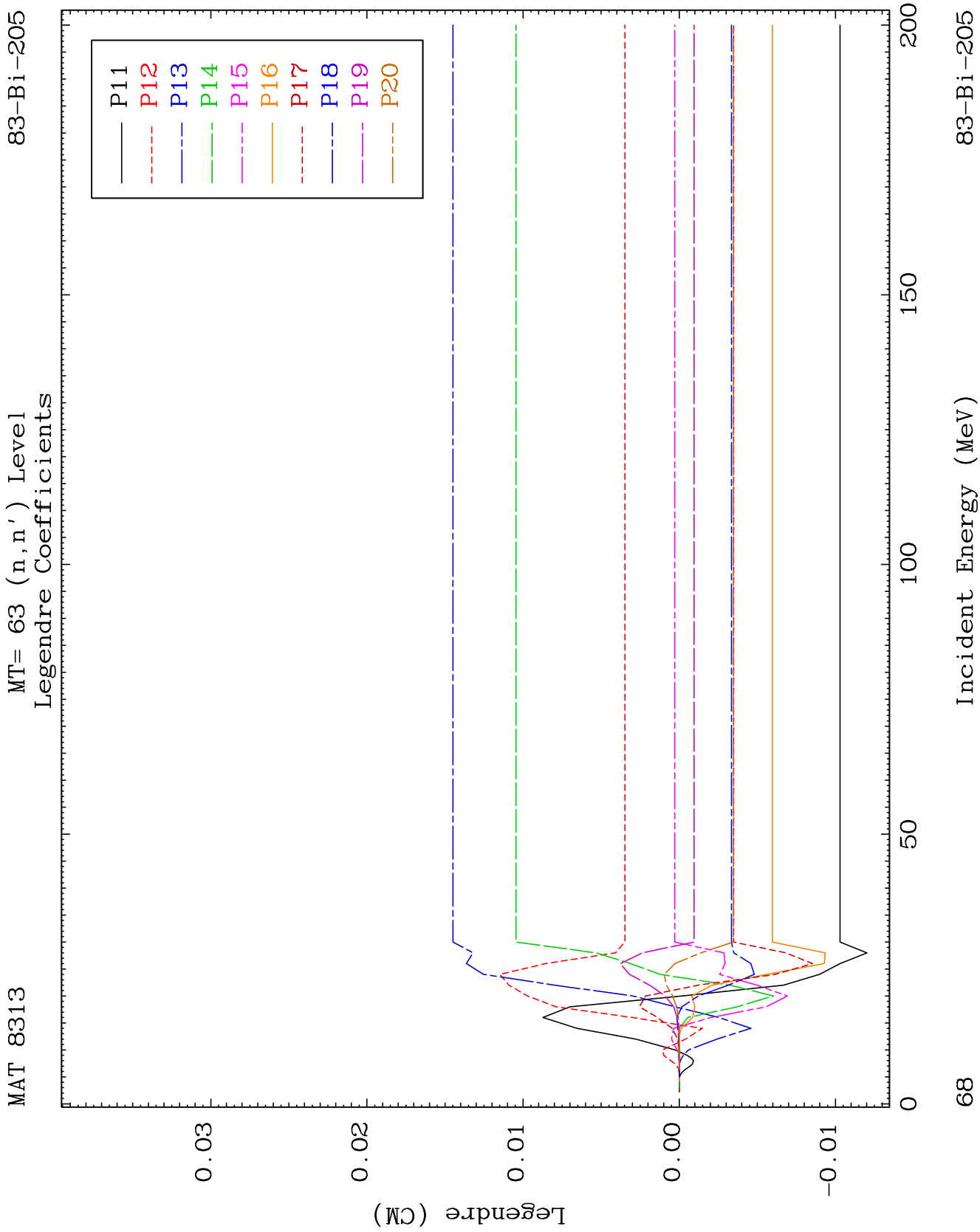
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Legendre Coefficients

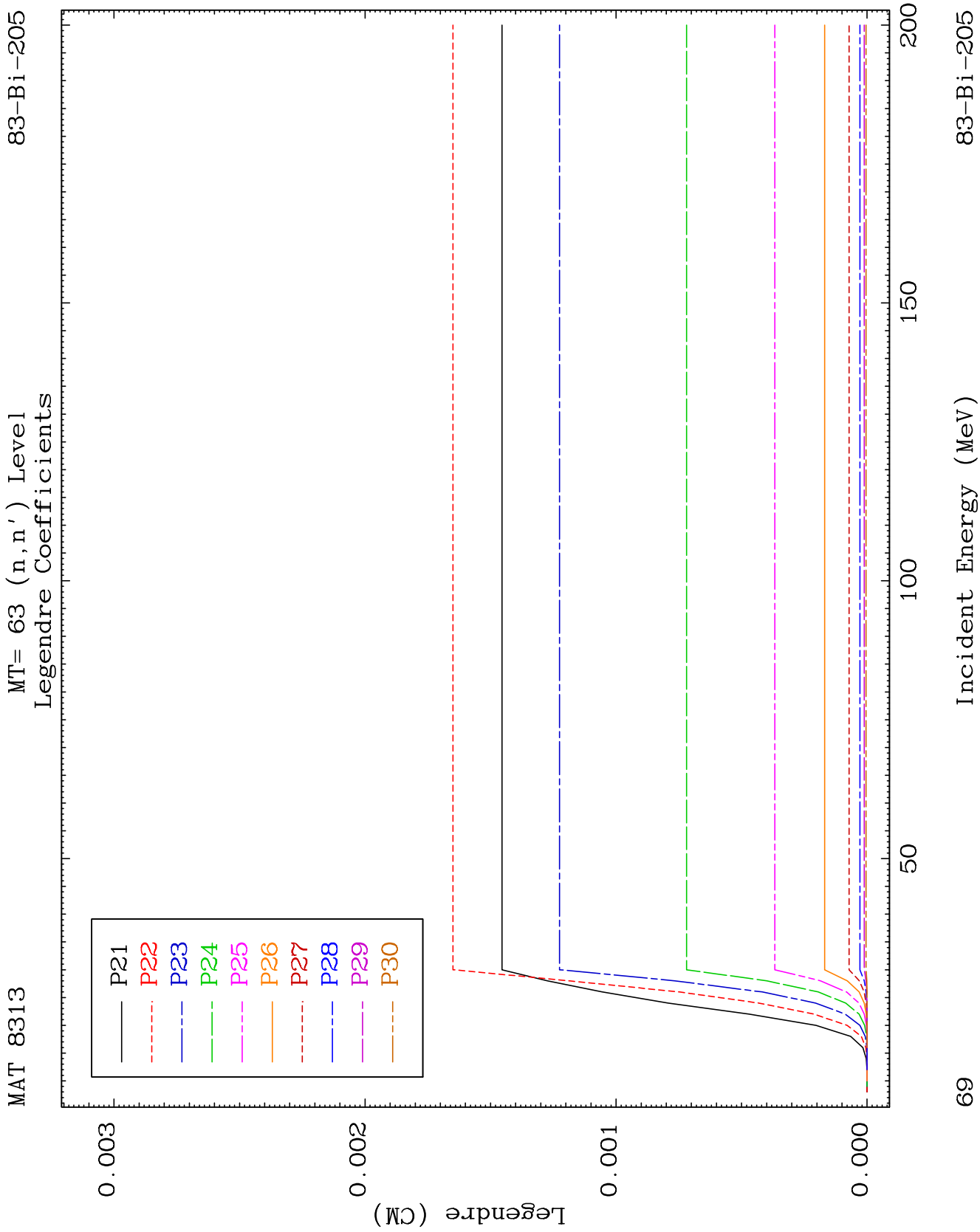
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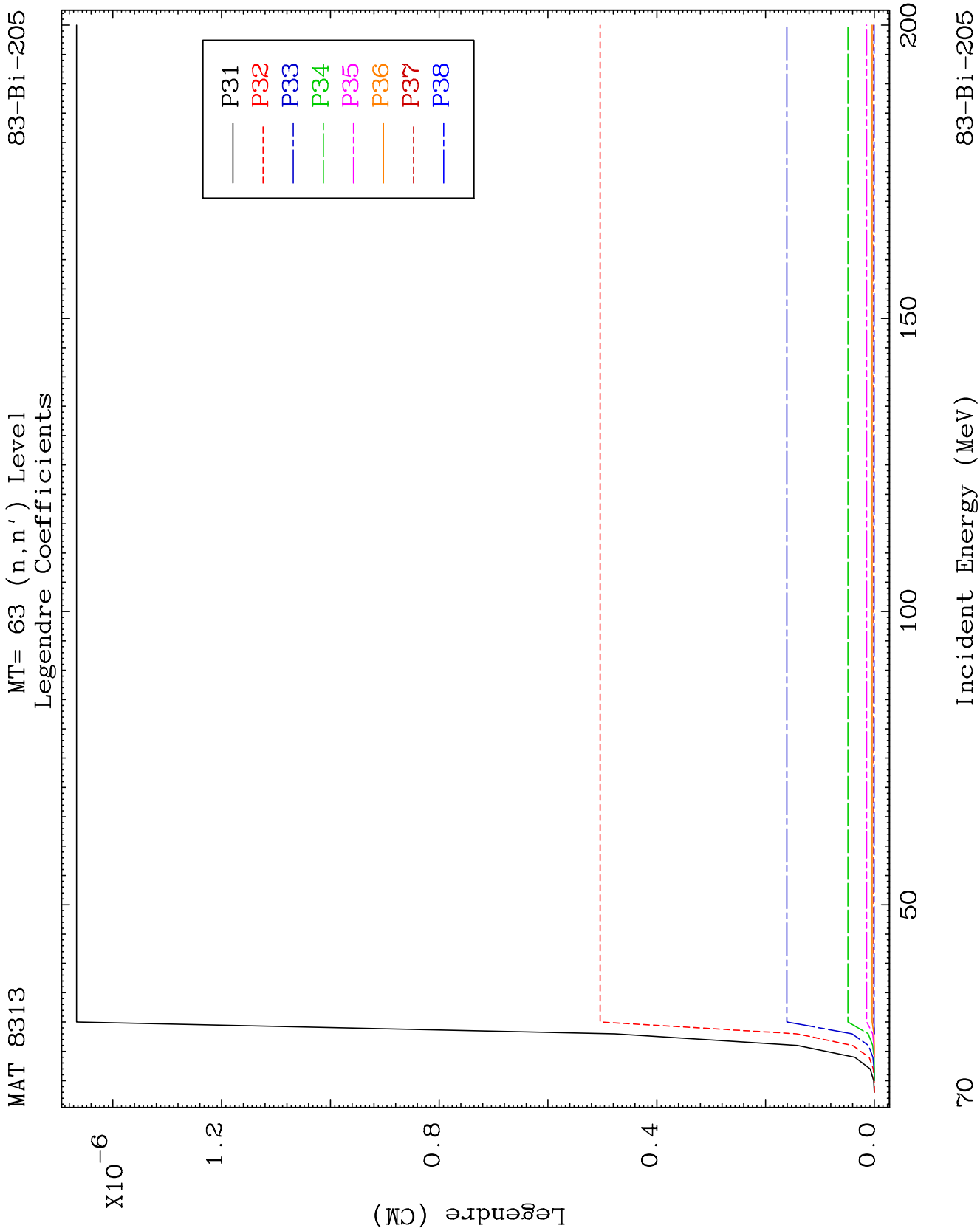








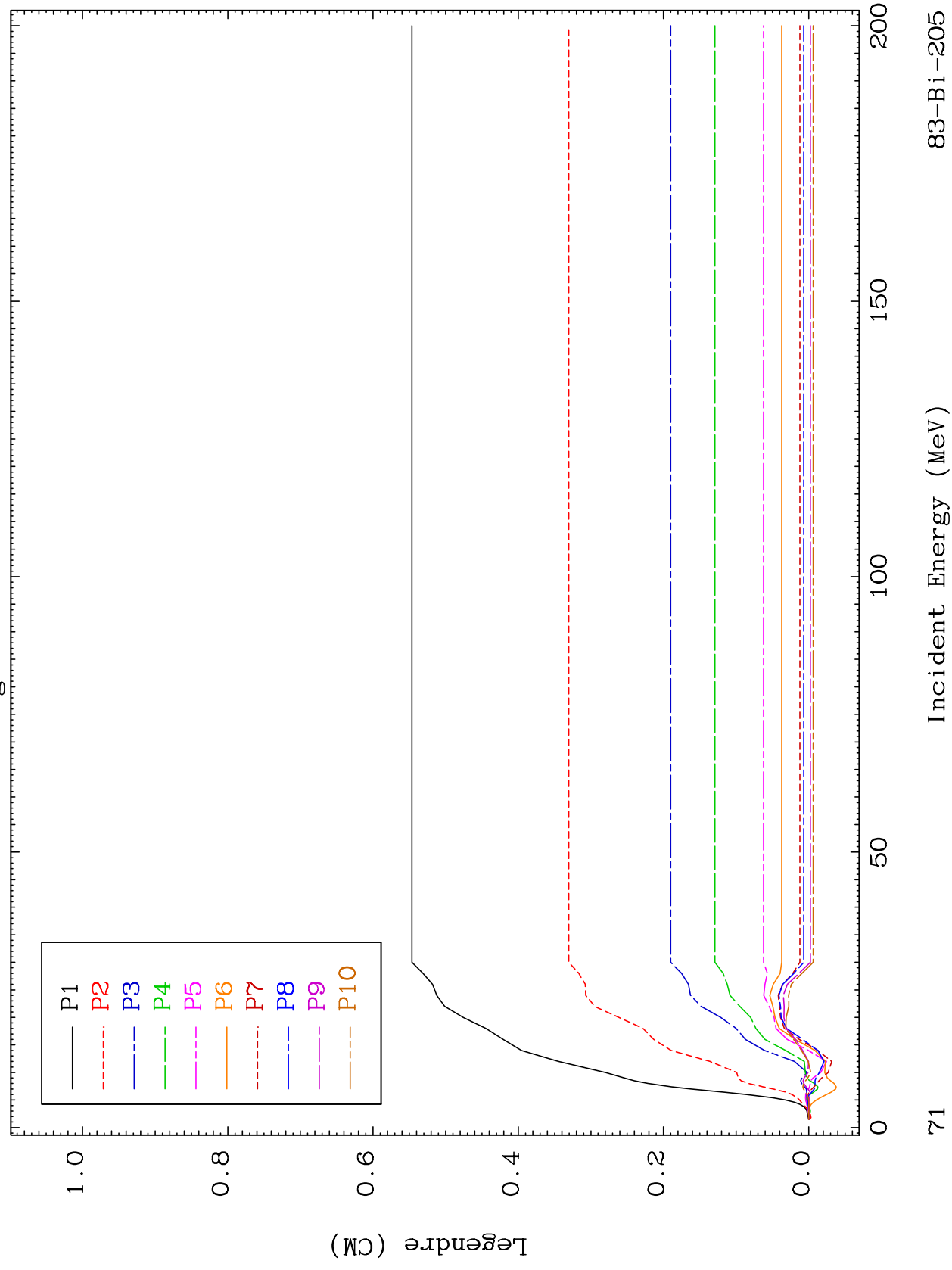


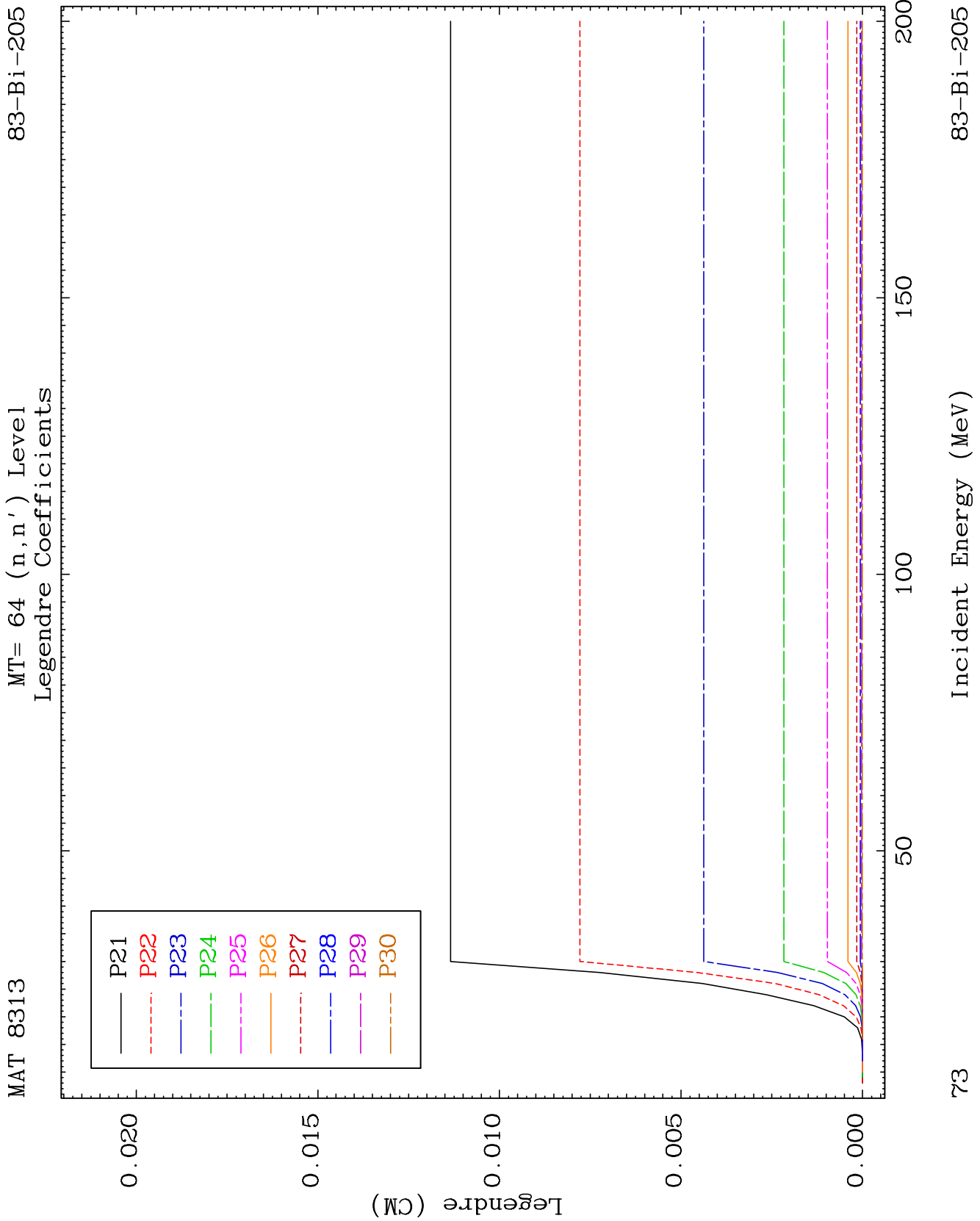


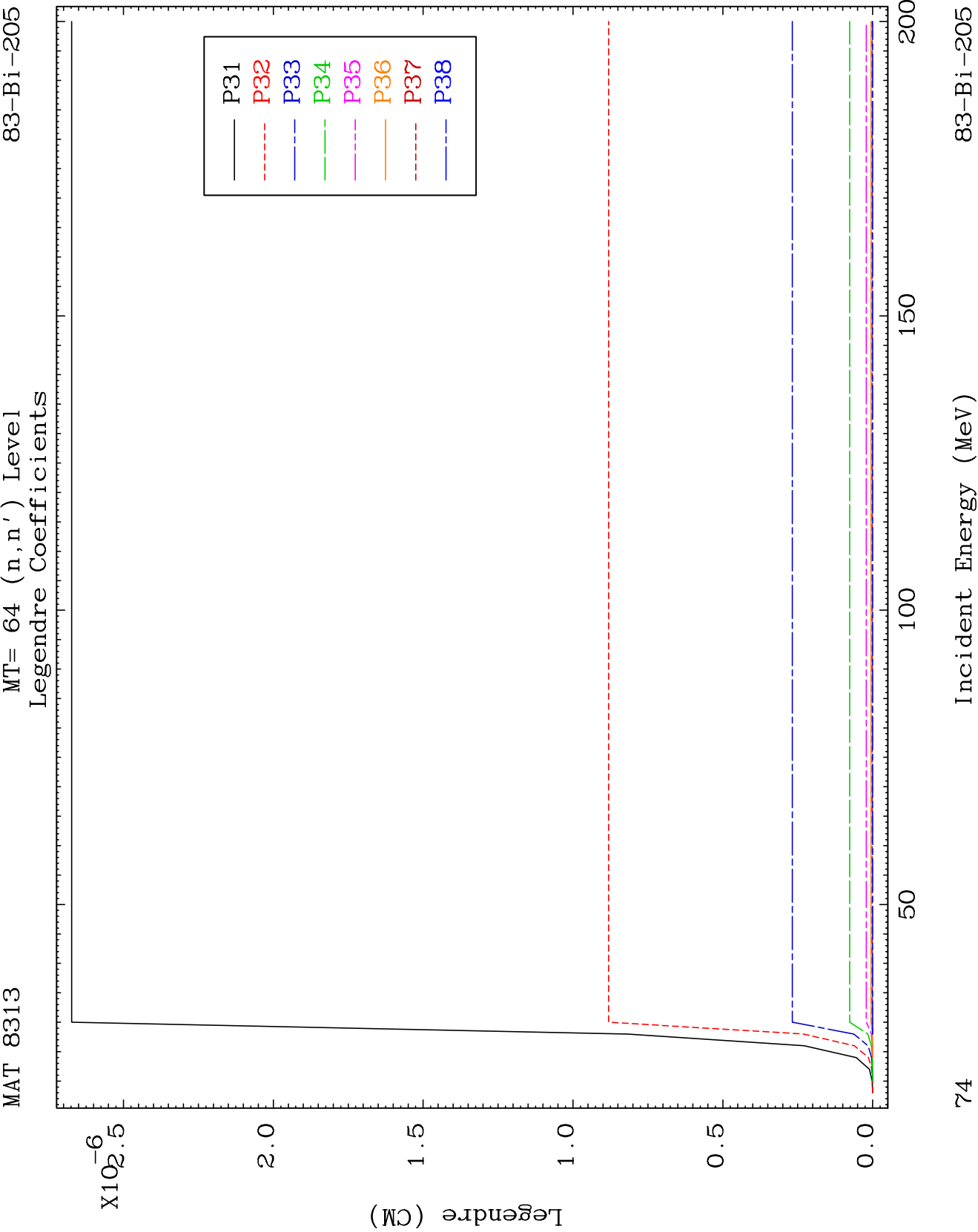
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MT= 64 (n, n') Level
Legendre Coefficients

83-Bi-205



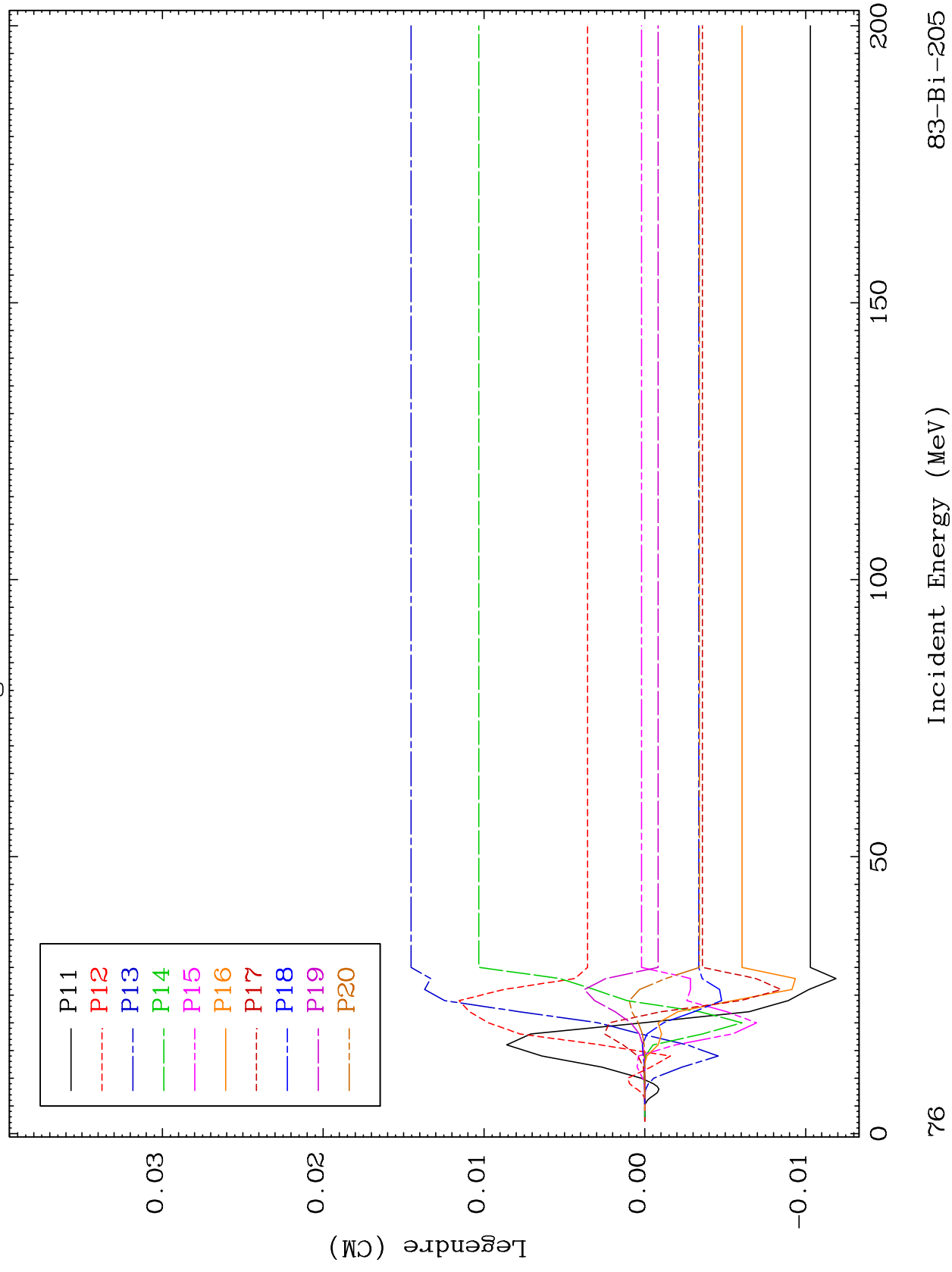


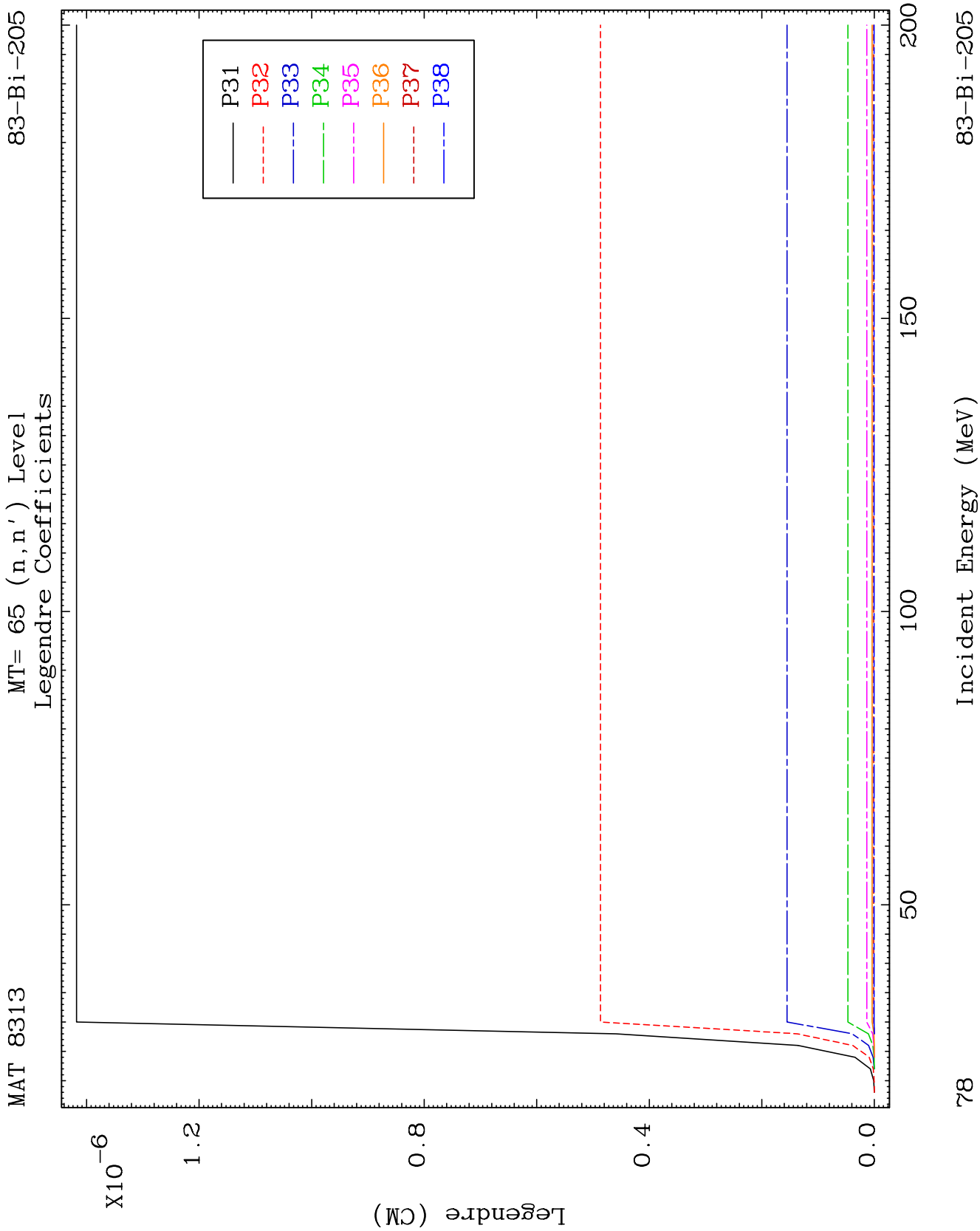


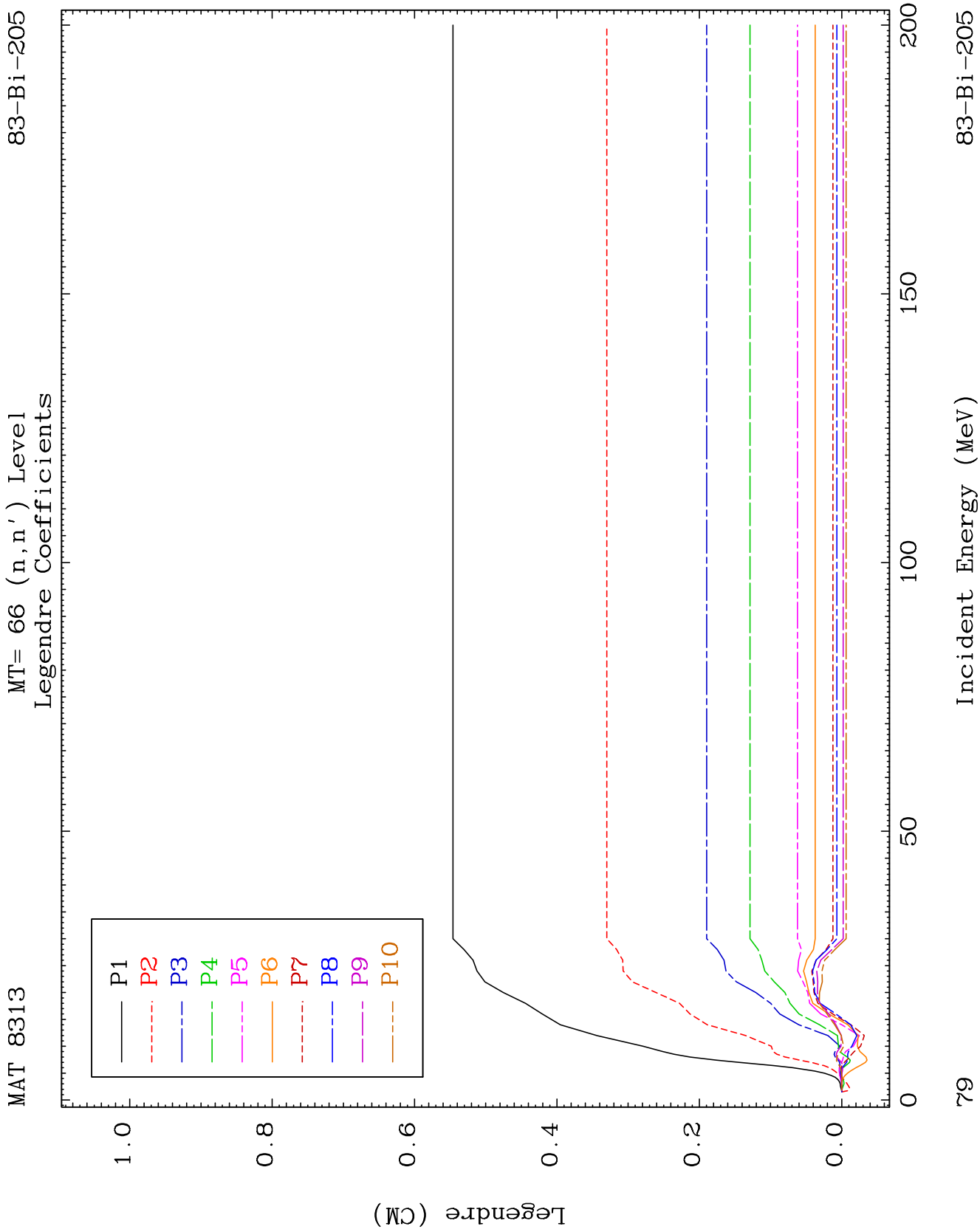
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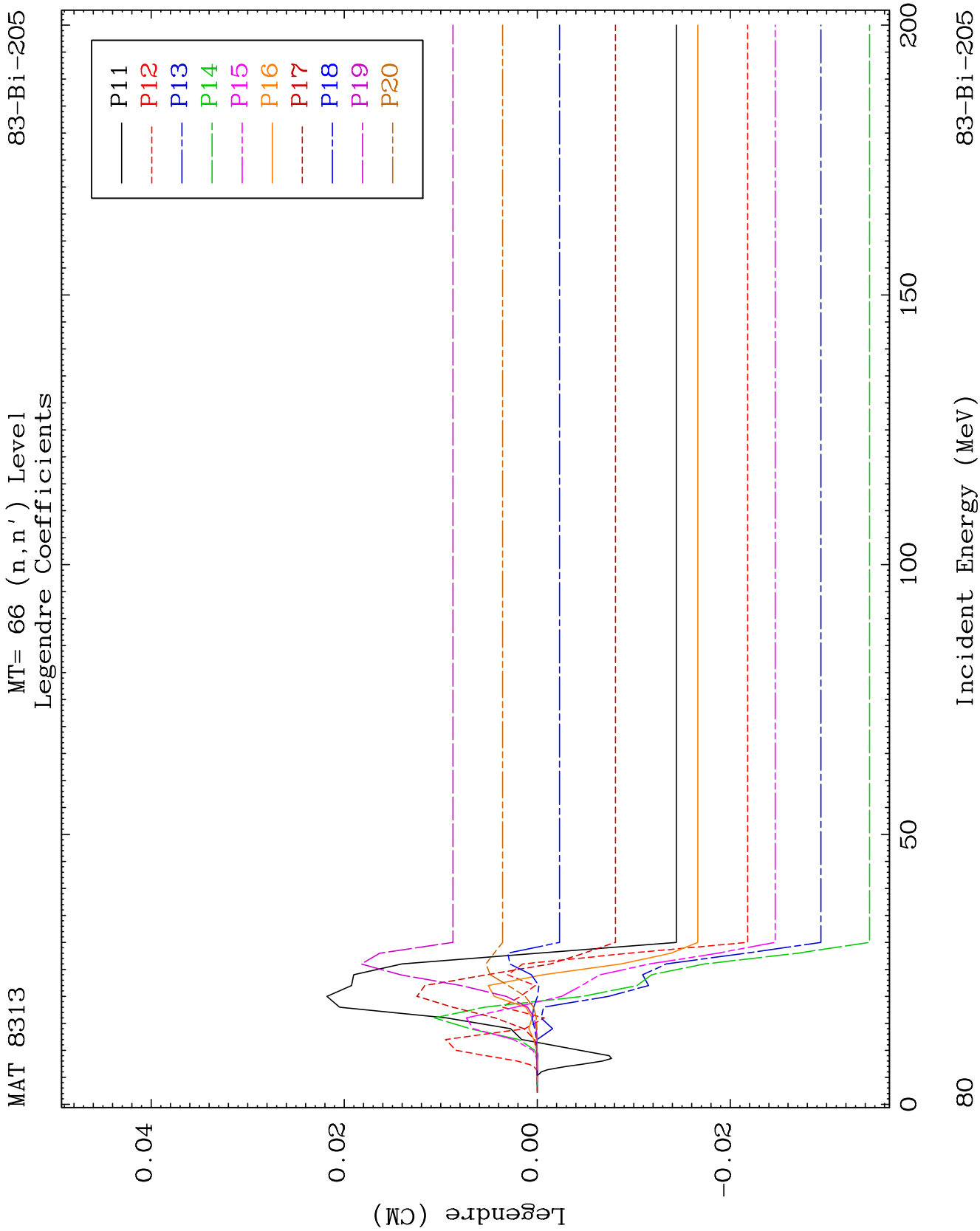
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Legendre Coefficients

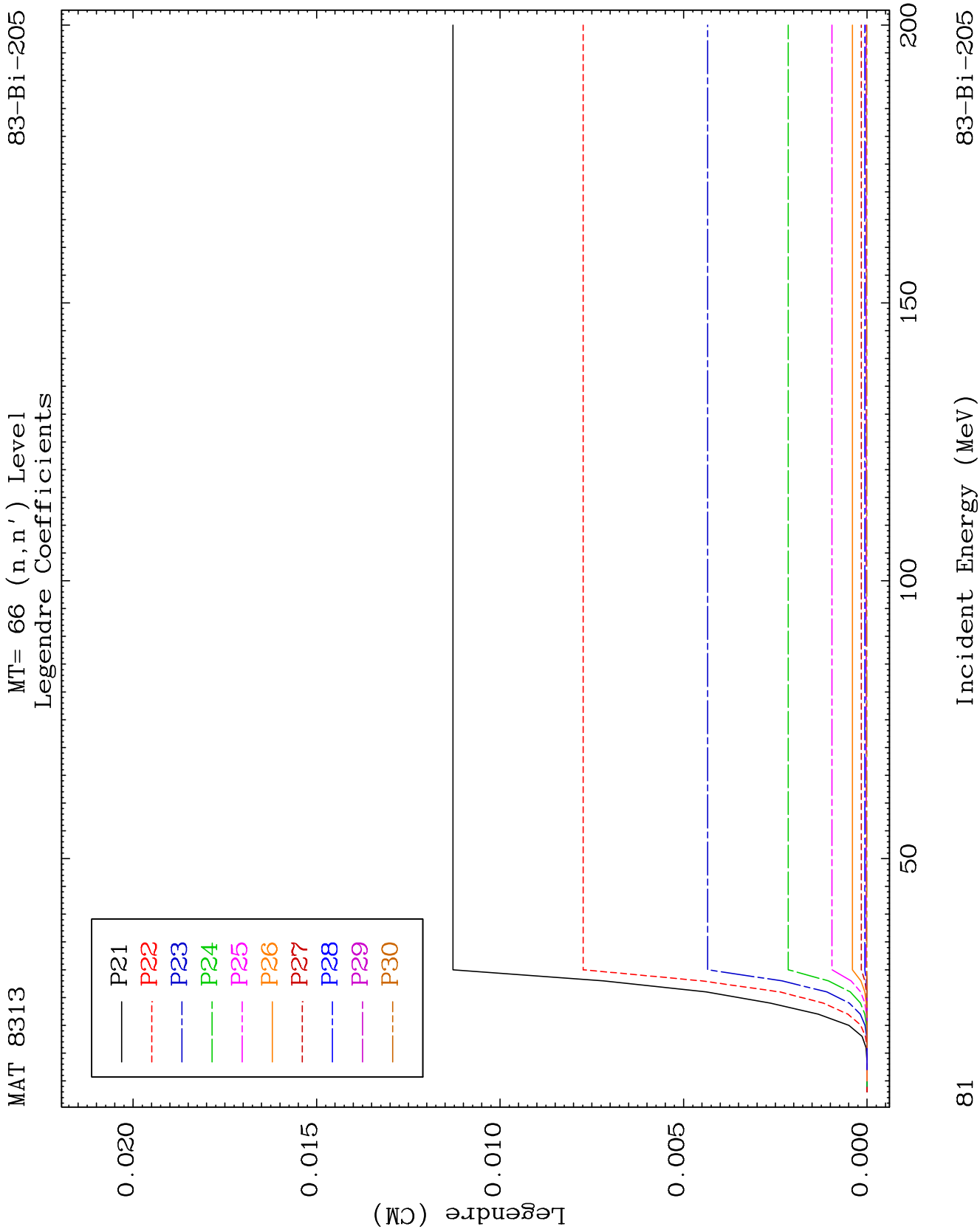
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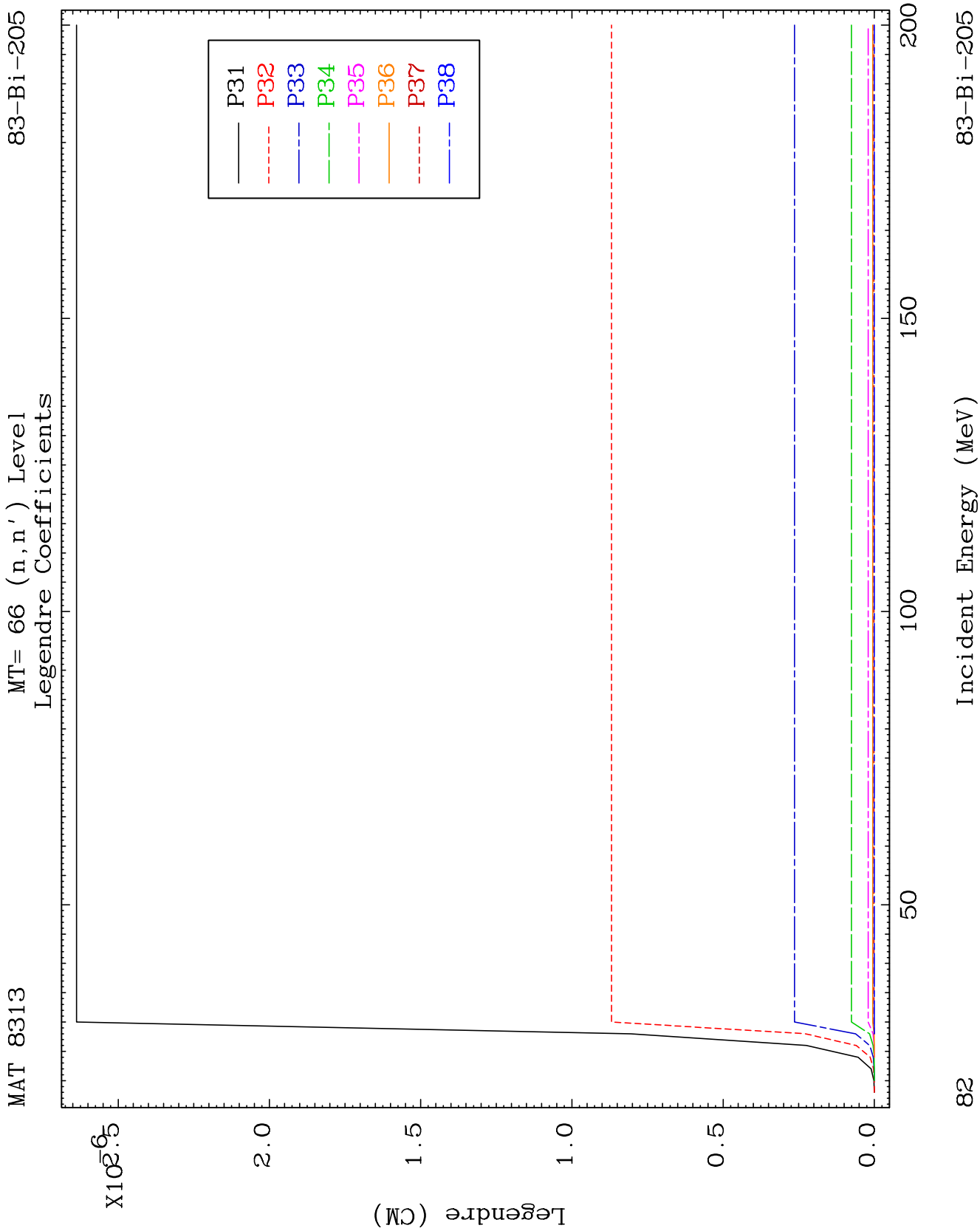




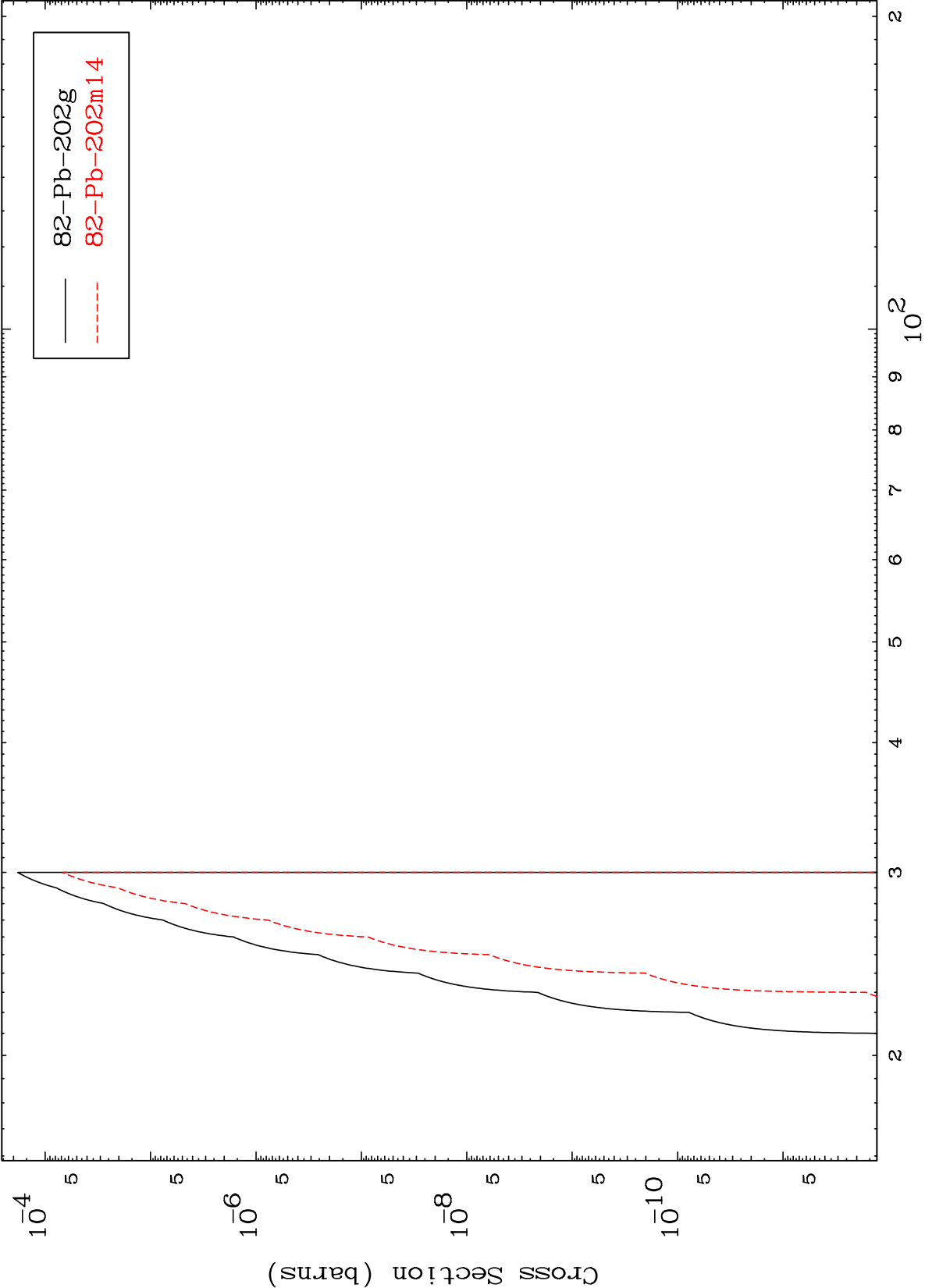




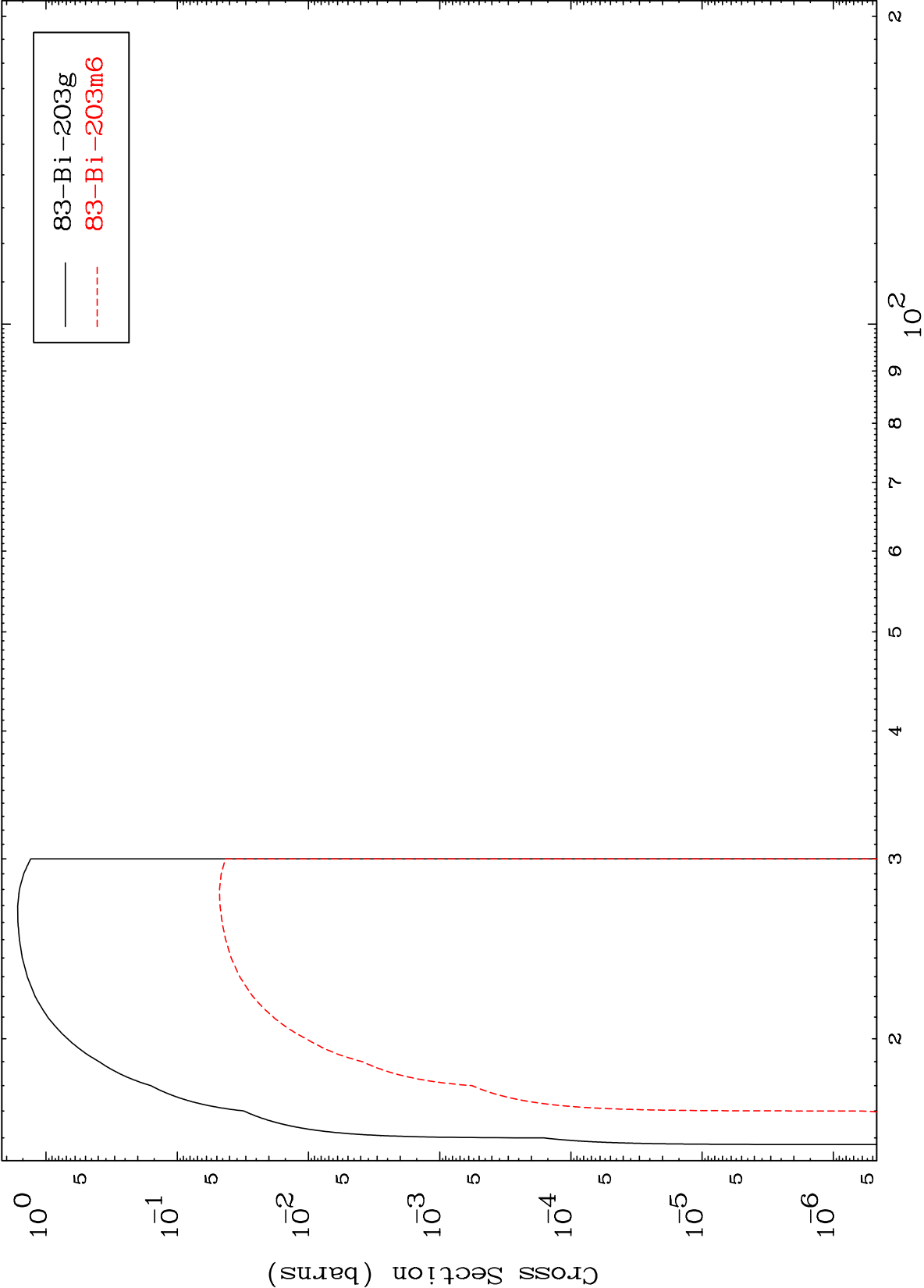




Radionuclide Production Cross Section



(n,3n)
Radionuclide Production Cross Section

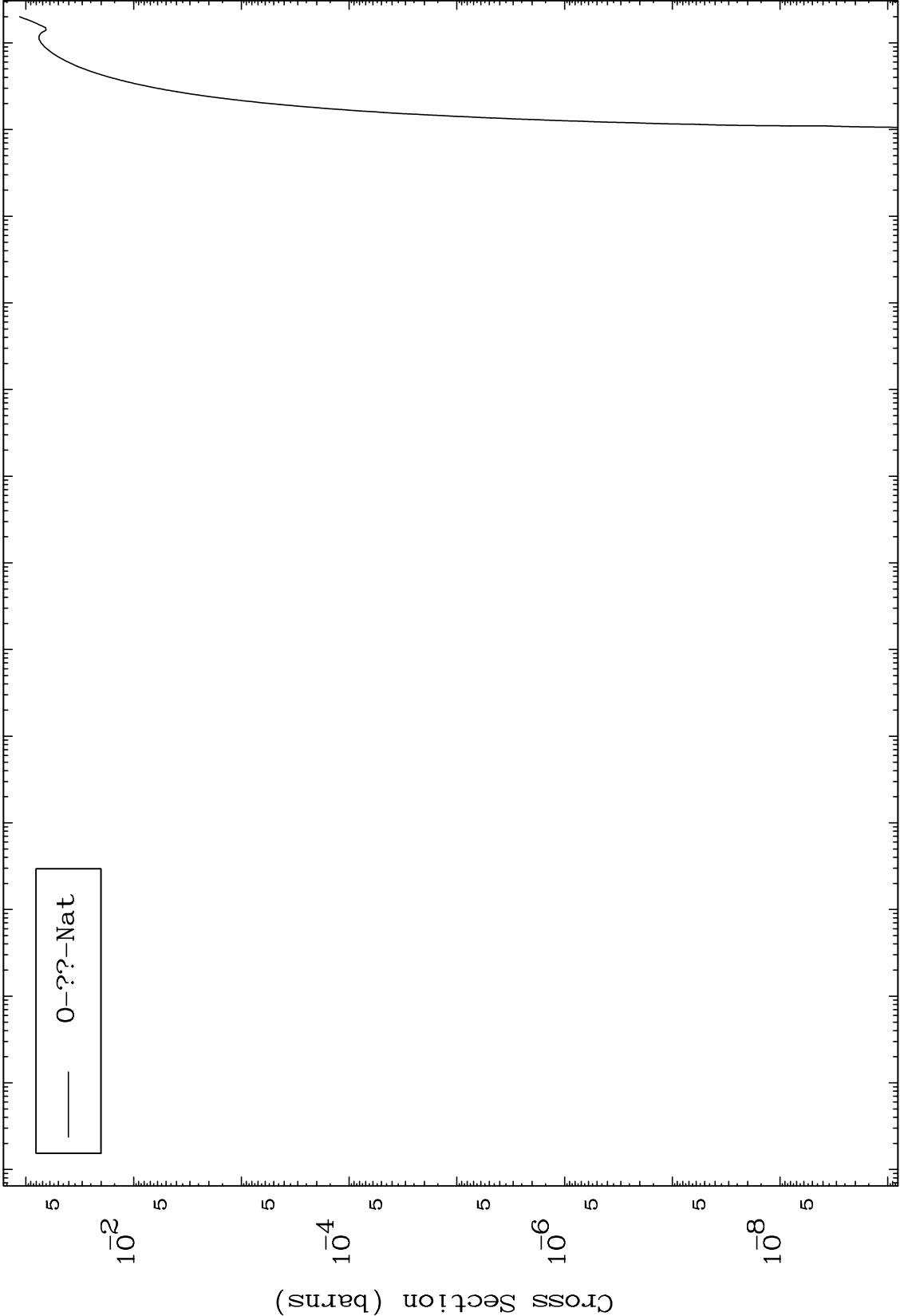


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83-Bi-205

Radionuclide Production Cross Section



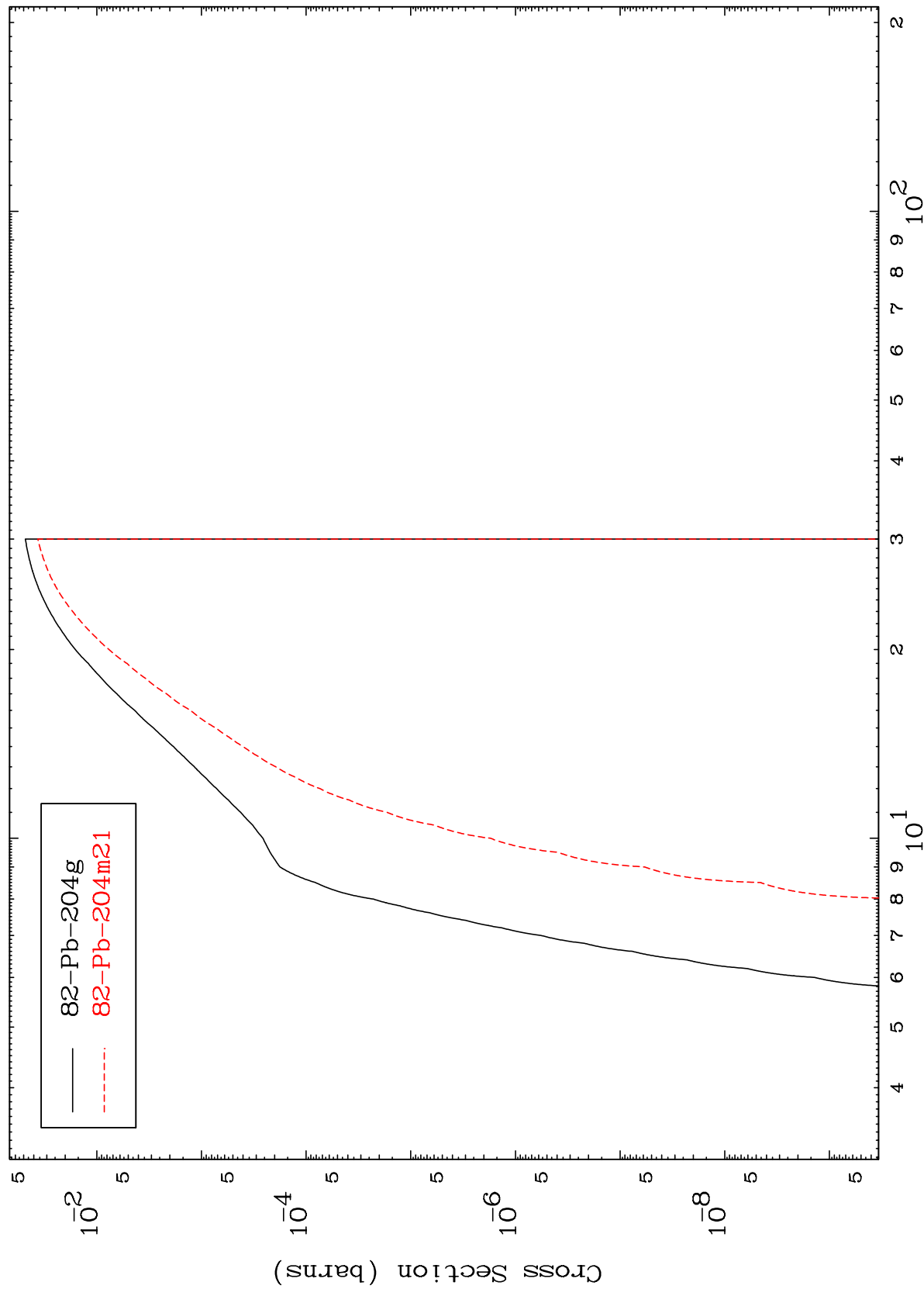
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85

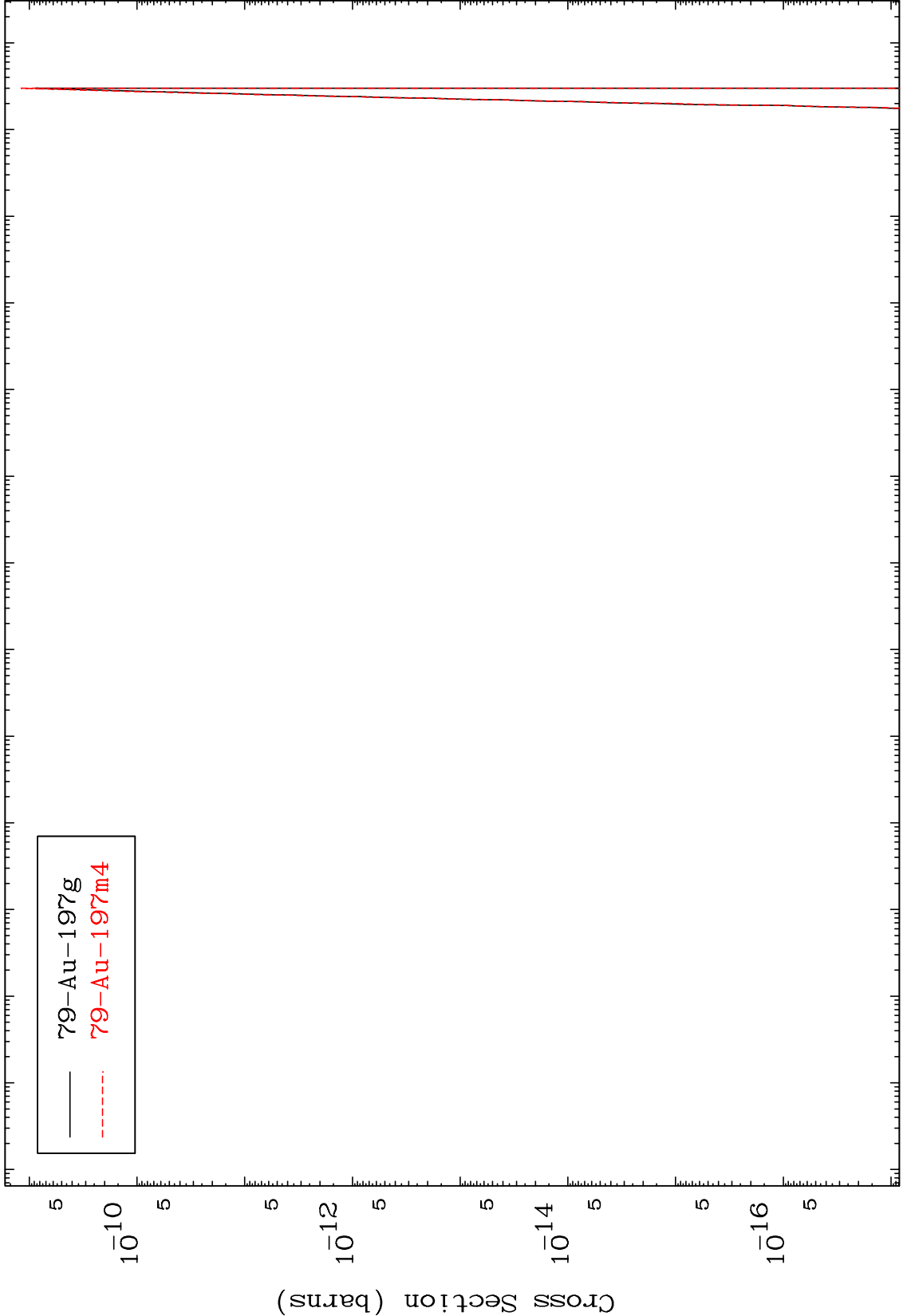
Incident Energy (MeV)

83-Bi-205

(n,n') p
Radionuclide Production Cross Section



Radionuclide Production Cross Section

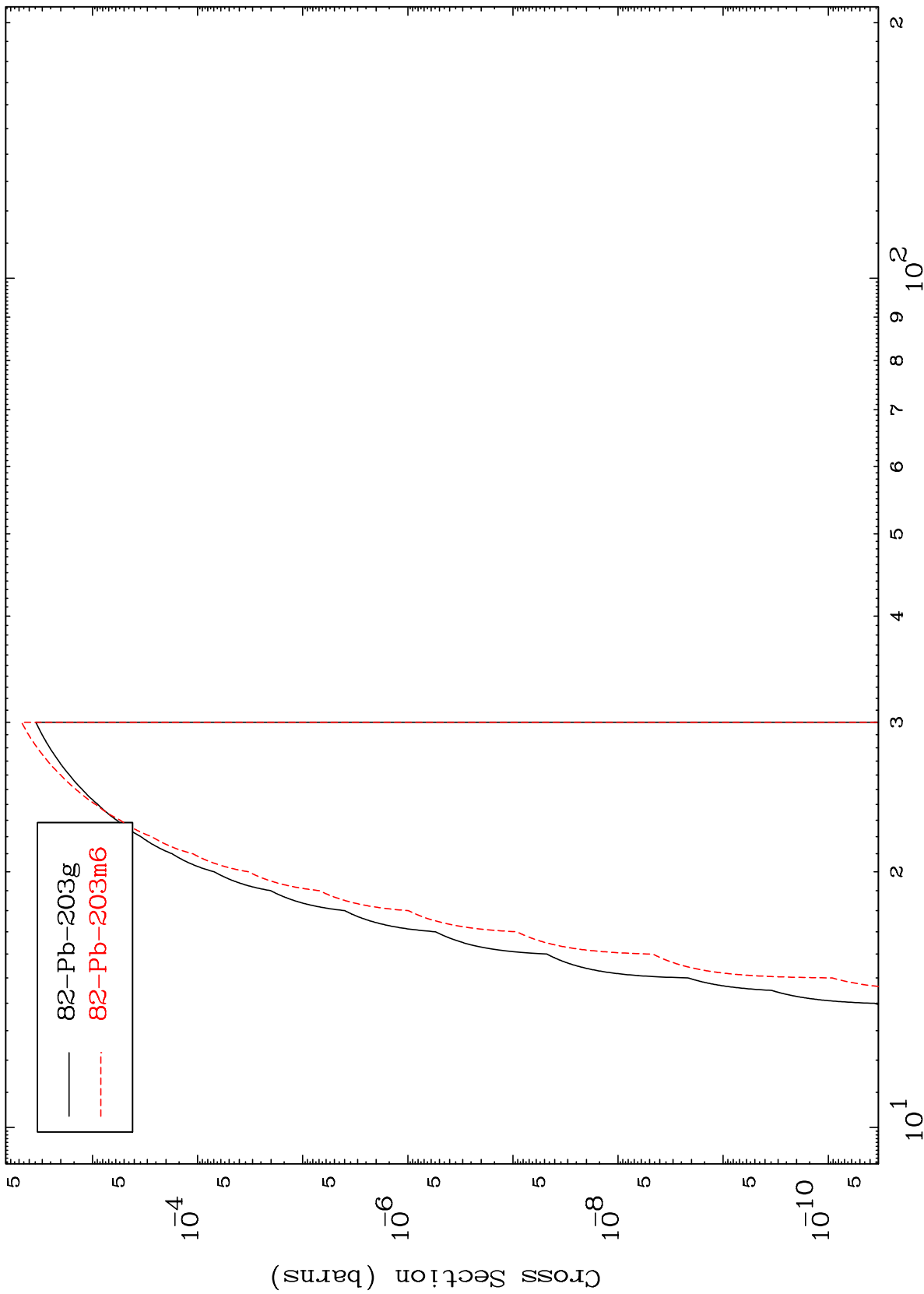


MAT 8313

(n,n') d

83-Bi-205

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-205

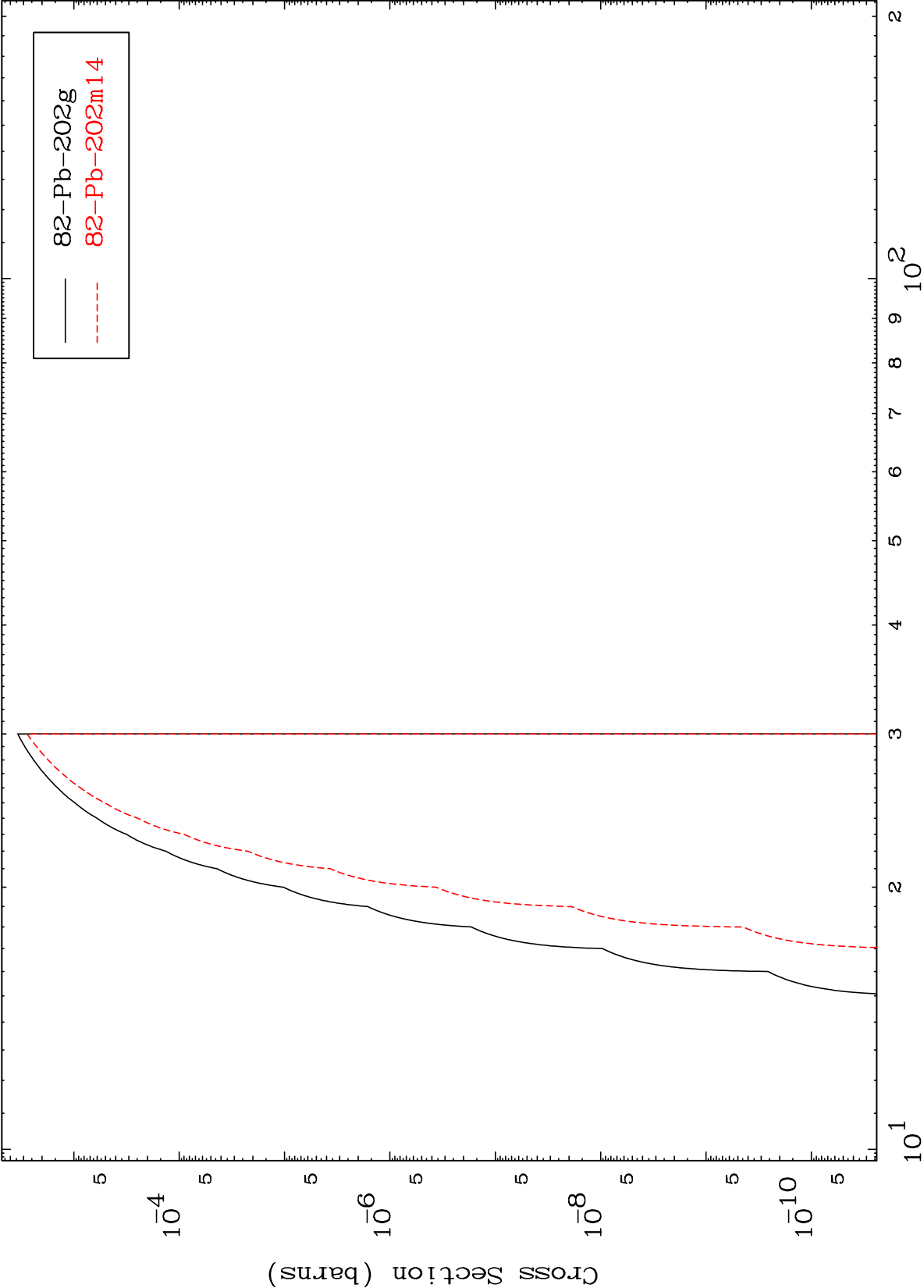
88

MAT 8313

(n,n') t

83-Bi-205

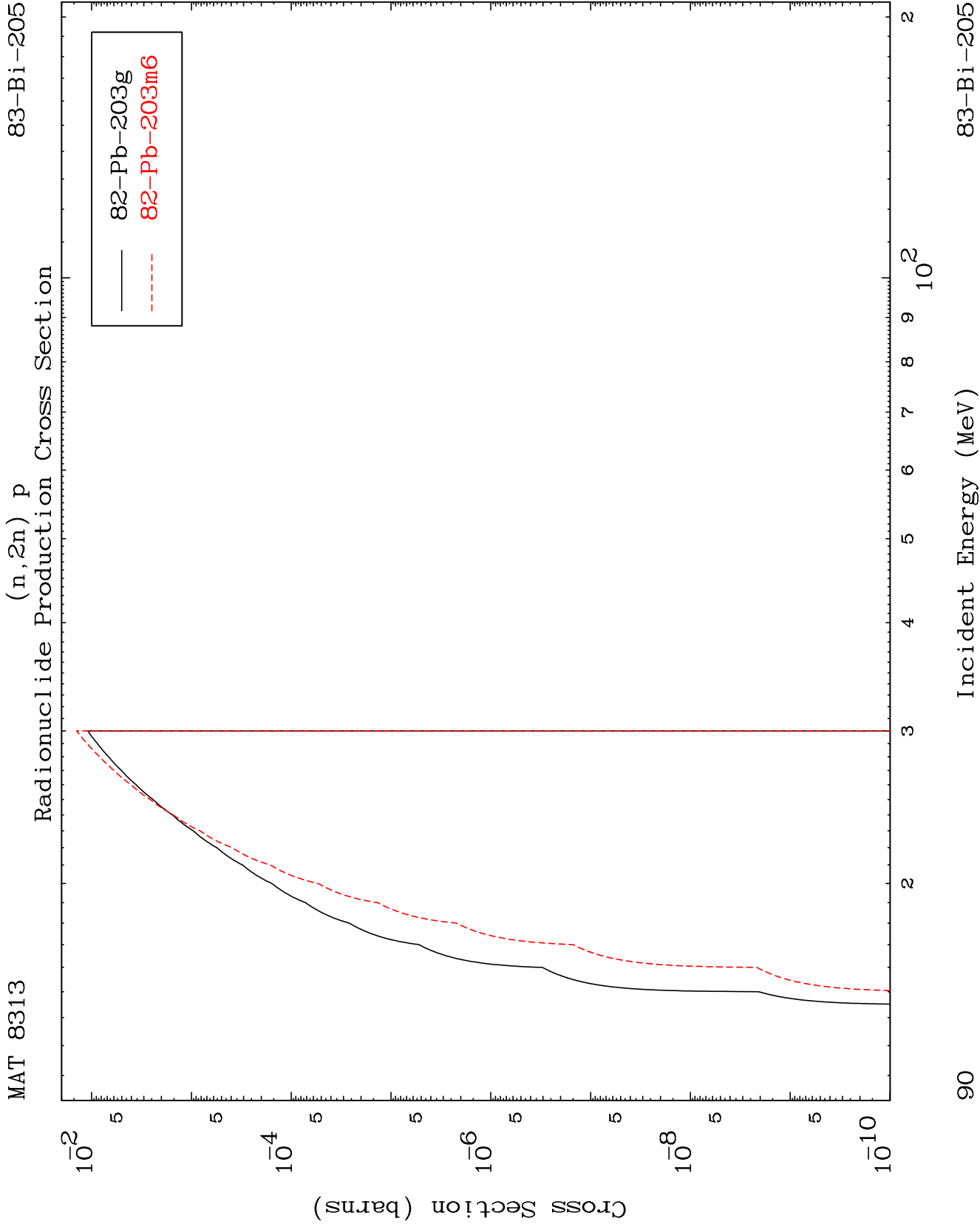
Radionuclide Production Cross Section

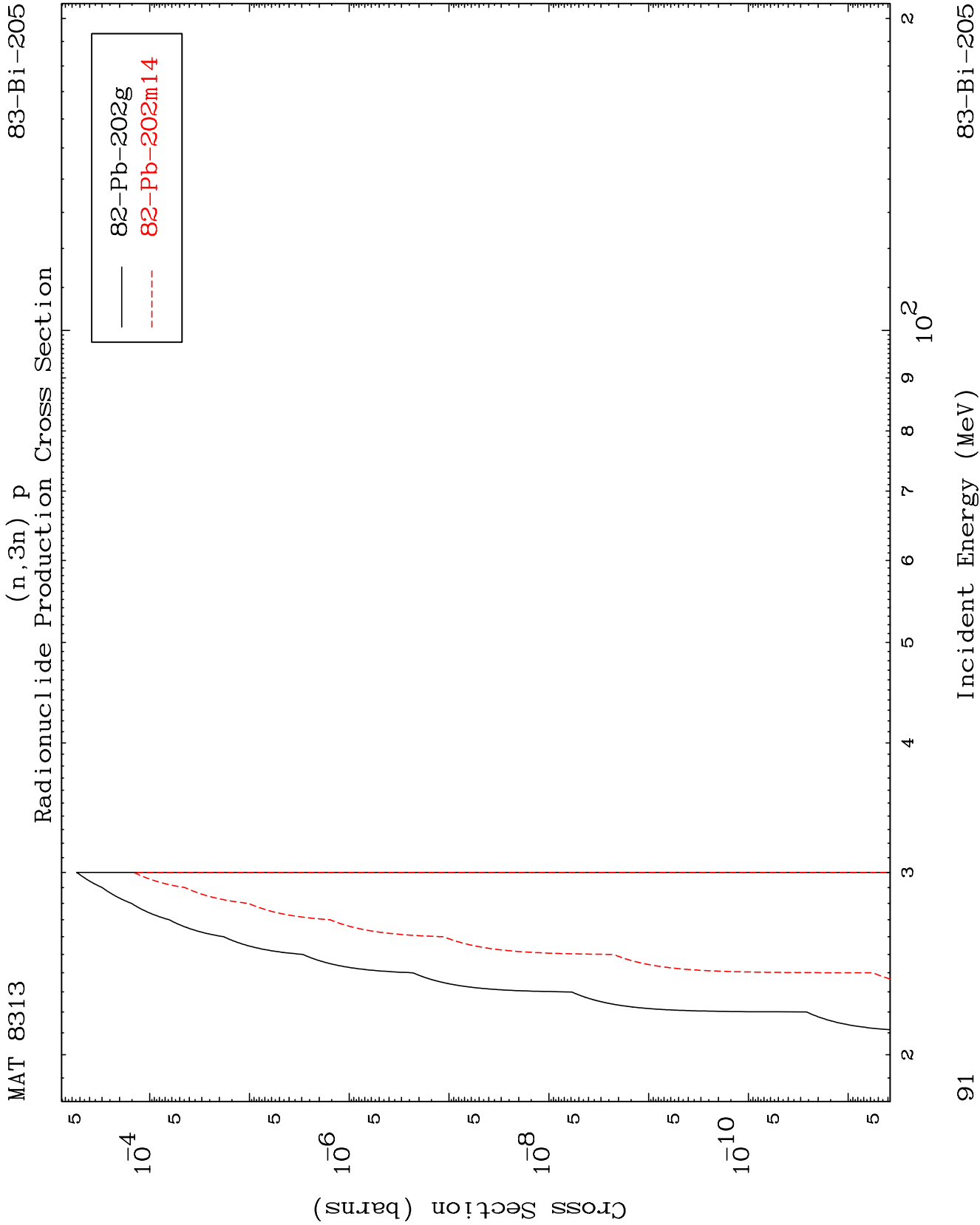


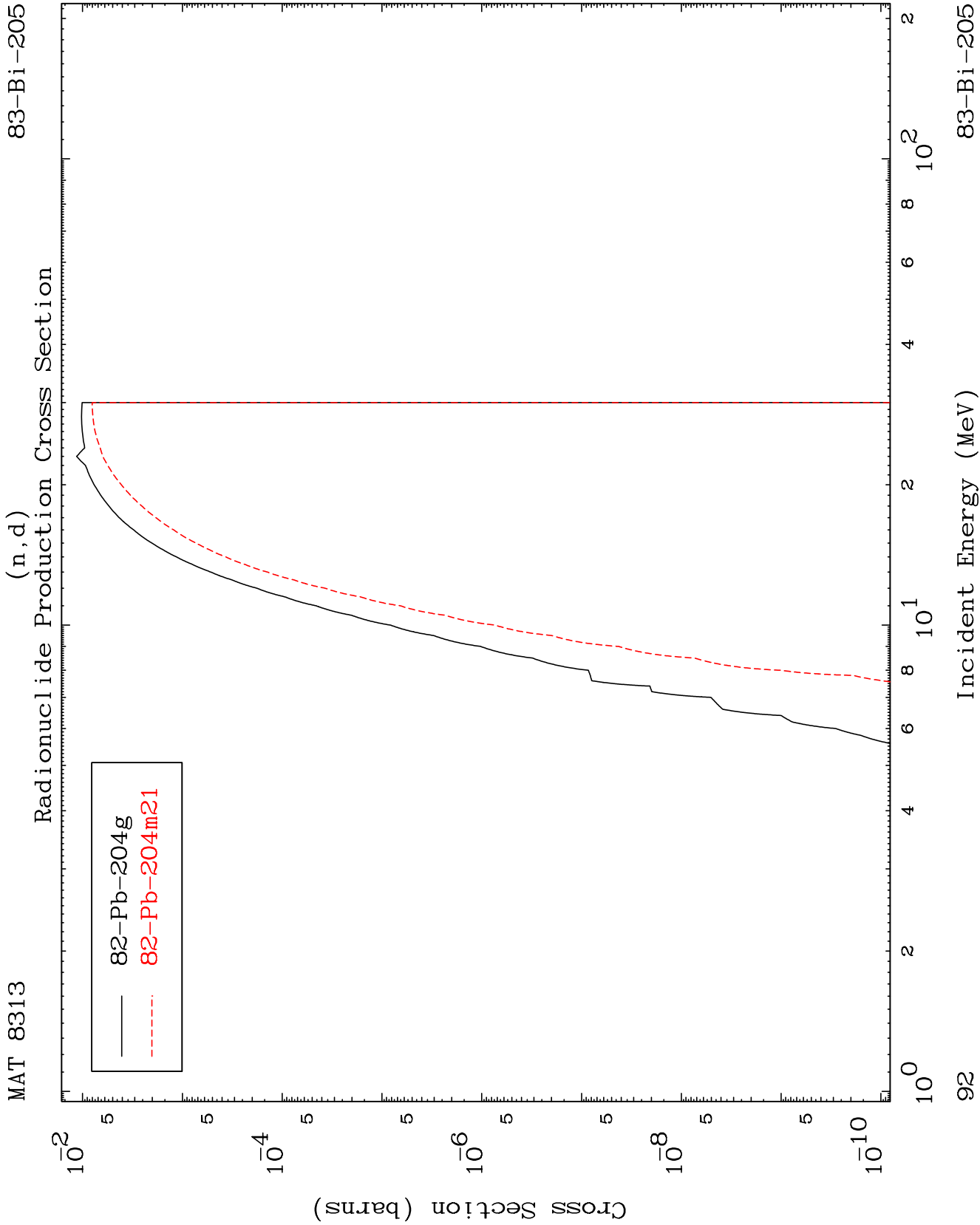
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Incident Energy (MeV)

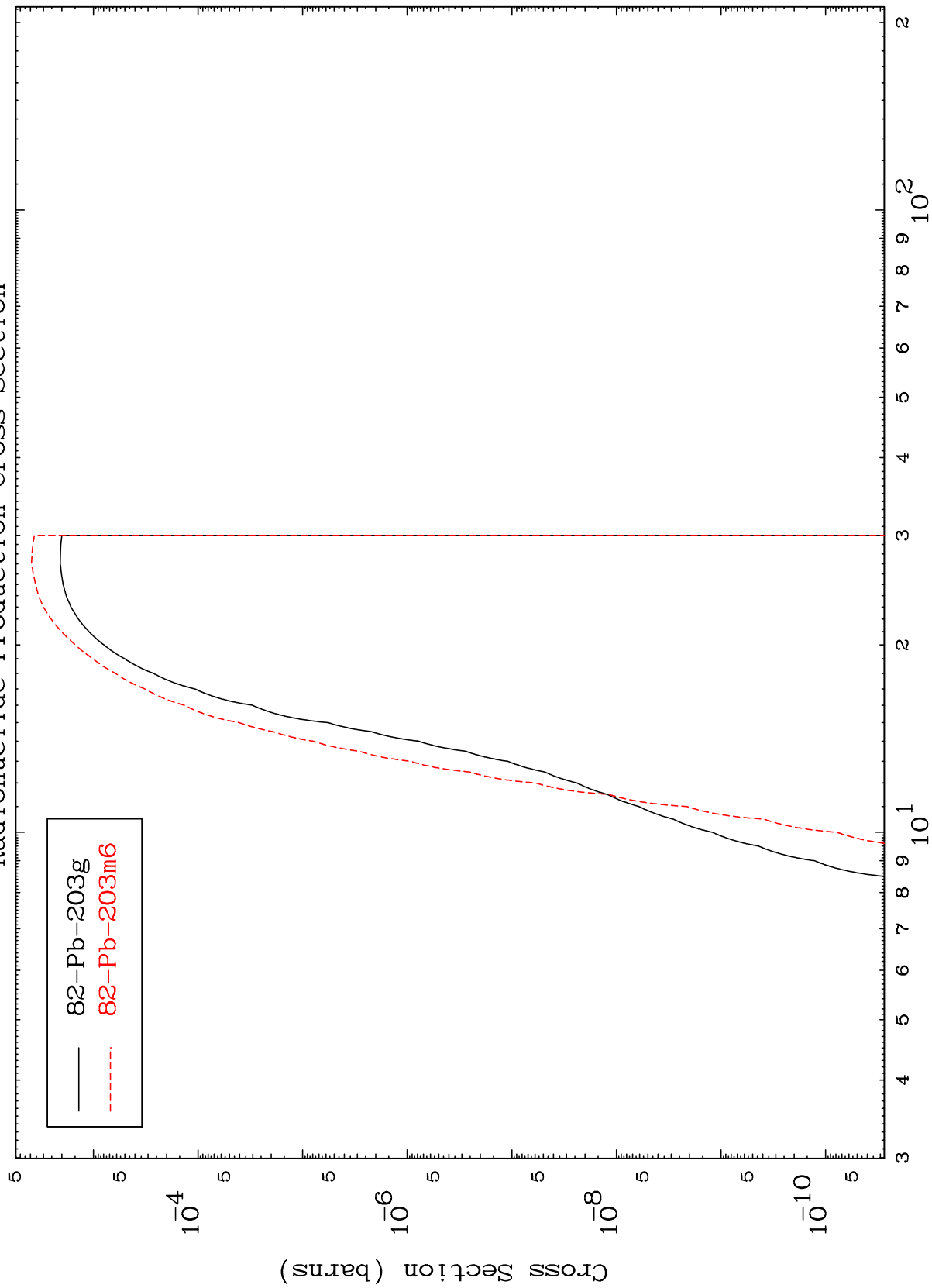
83-Bi-205







(n,t)
Radionuclide Production Cross Section

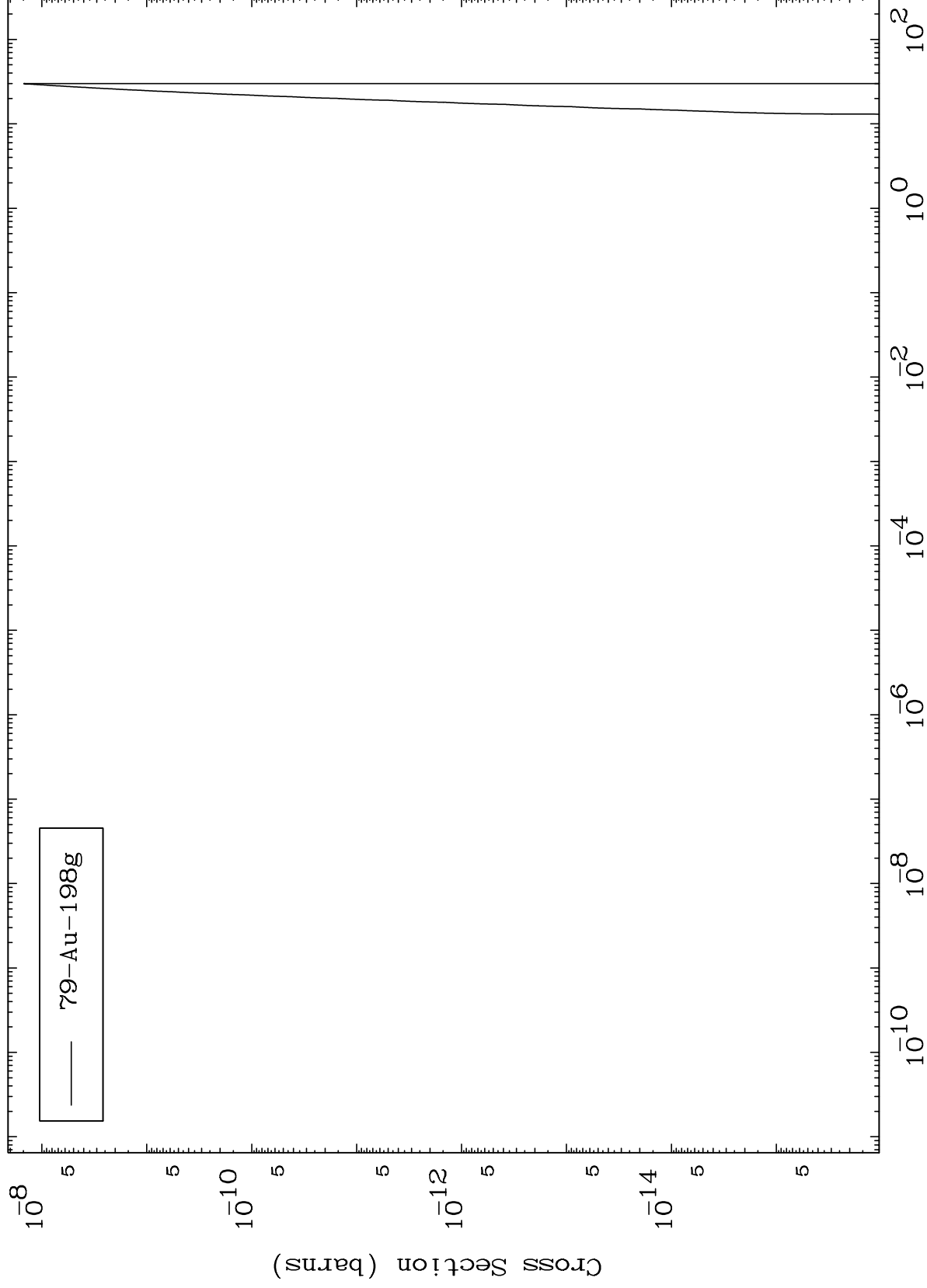


Incident Energy (MeV)

MAT 8313

83-Bi-205

(n,2α)
Radionuclide Production Cross Section



94

83-Bi-205