

Program EVALPLOT
(Version 2021-1)

by

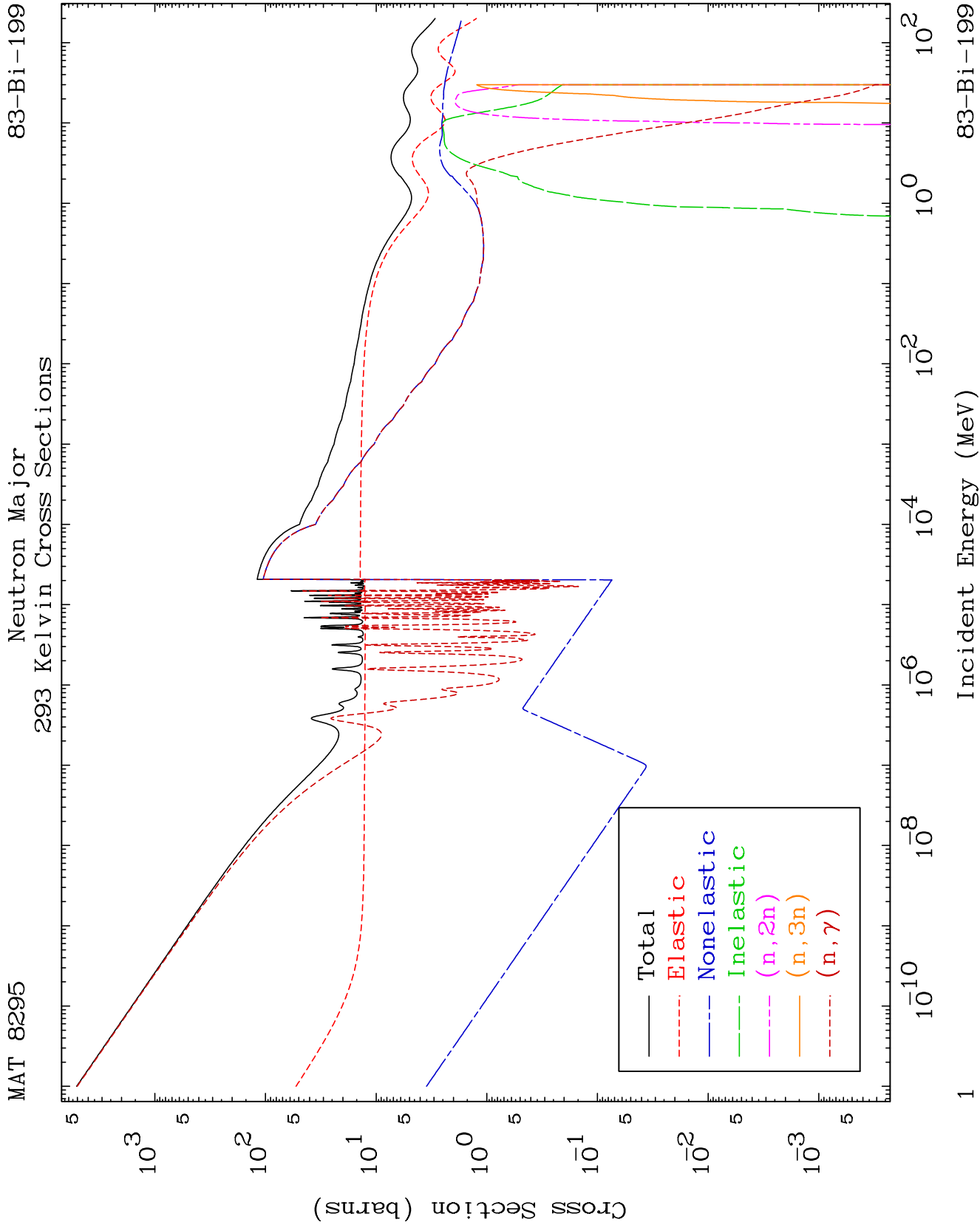
Dermott E. Cullen
(Present Contact Information)

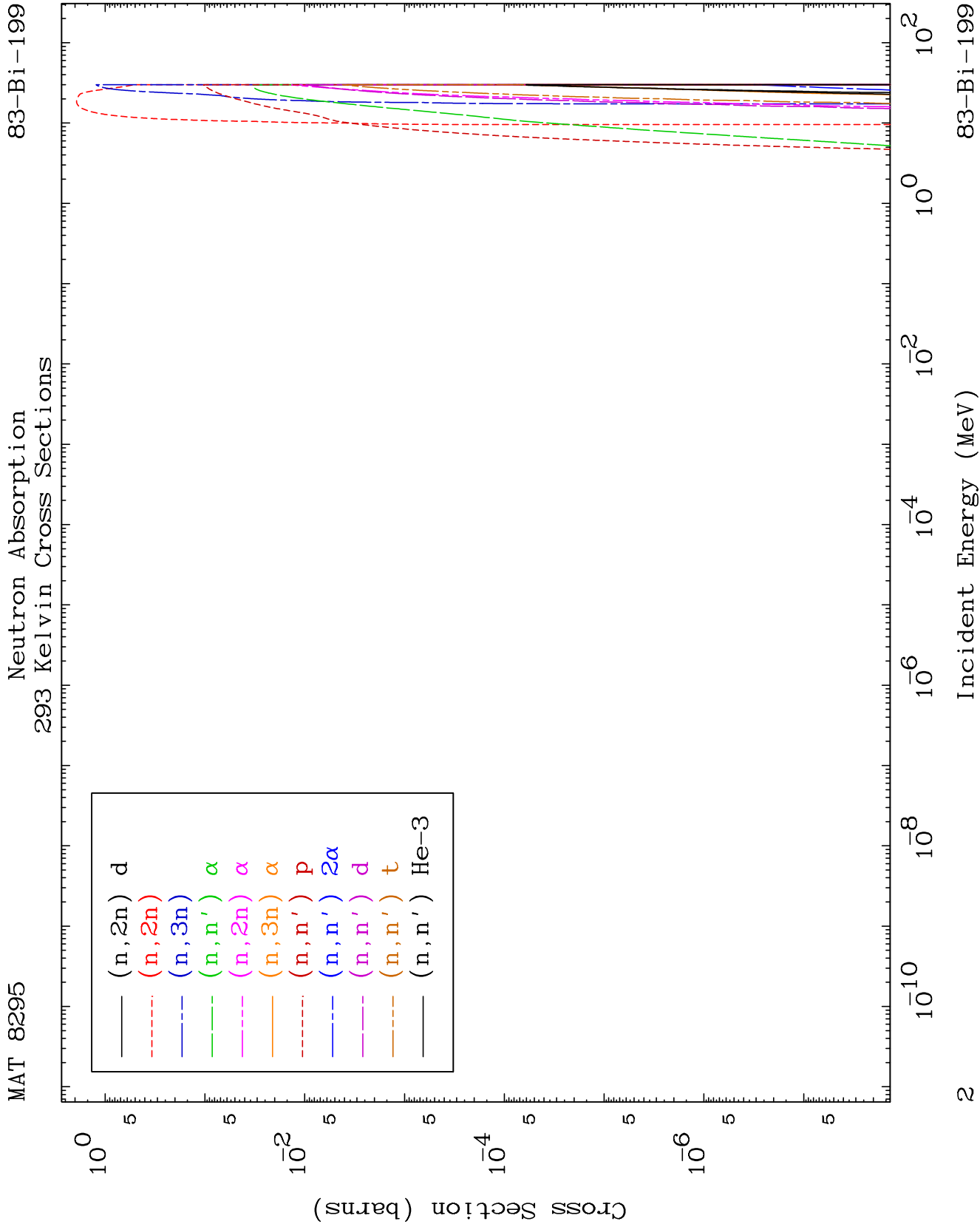
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

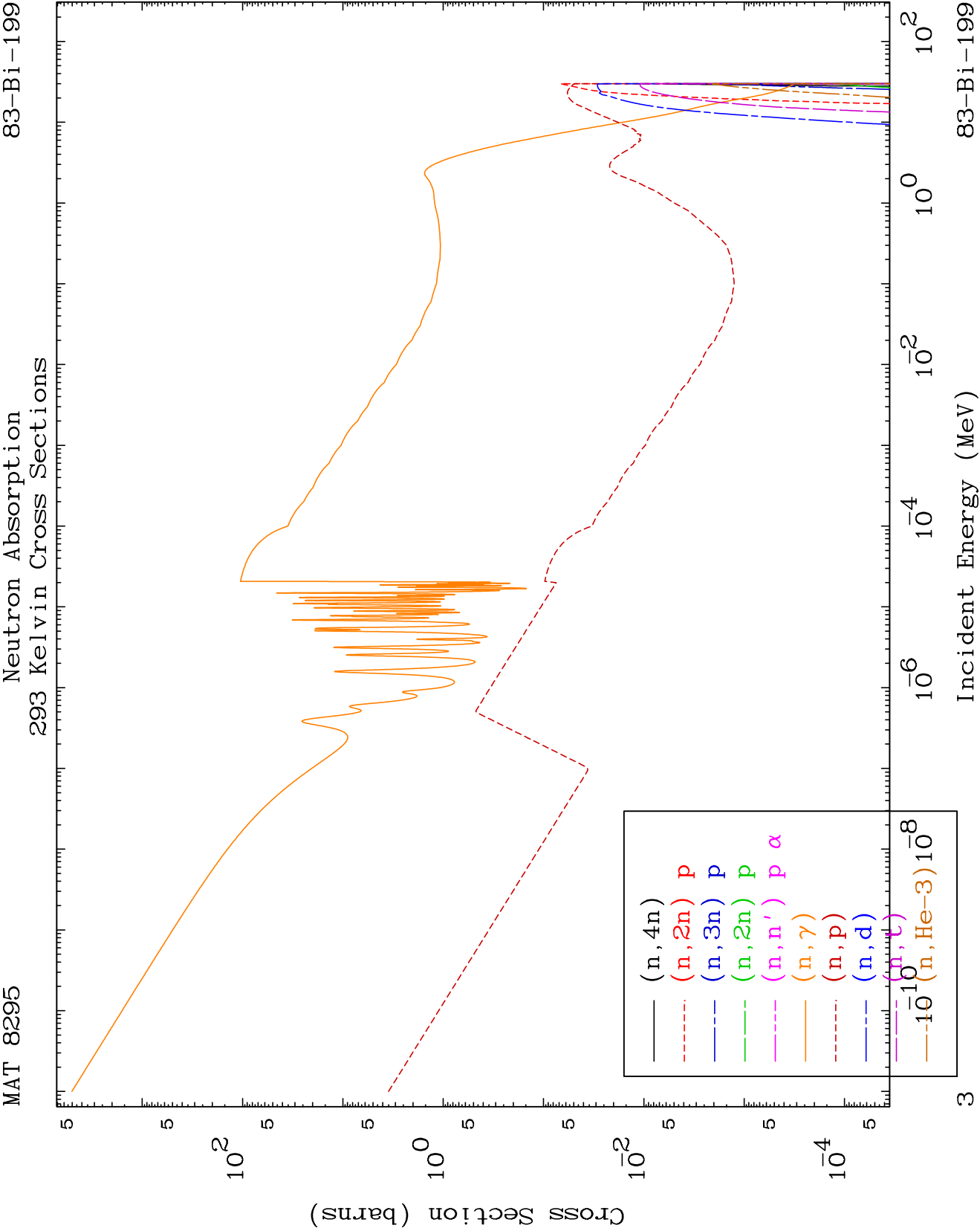
Tele: 925-443-1911

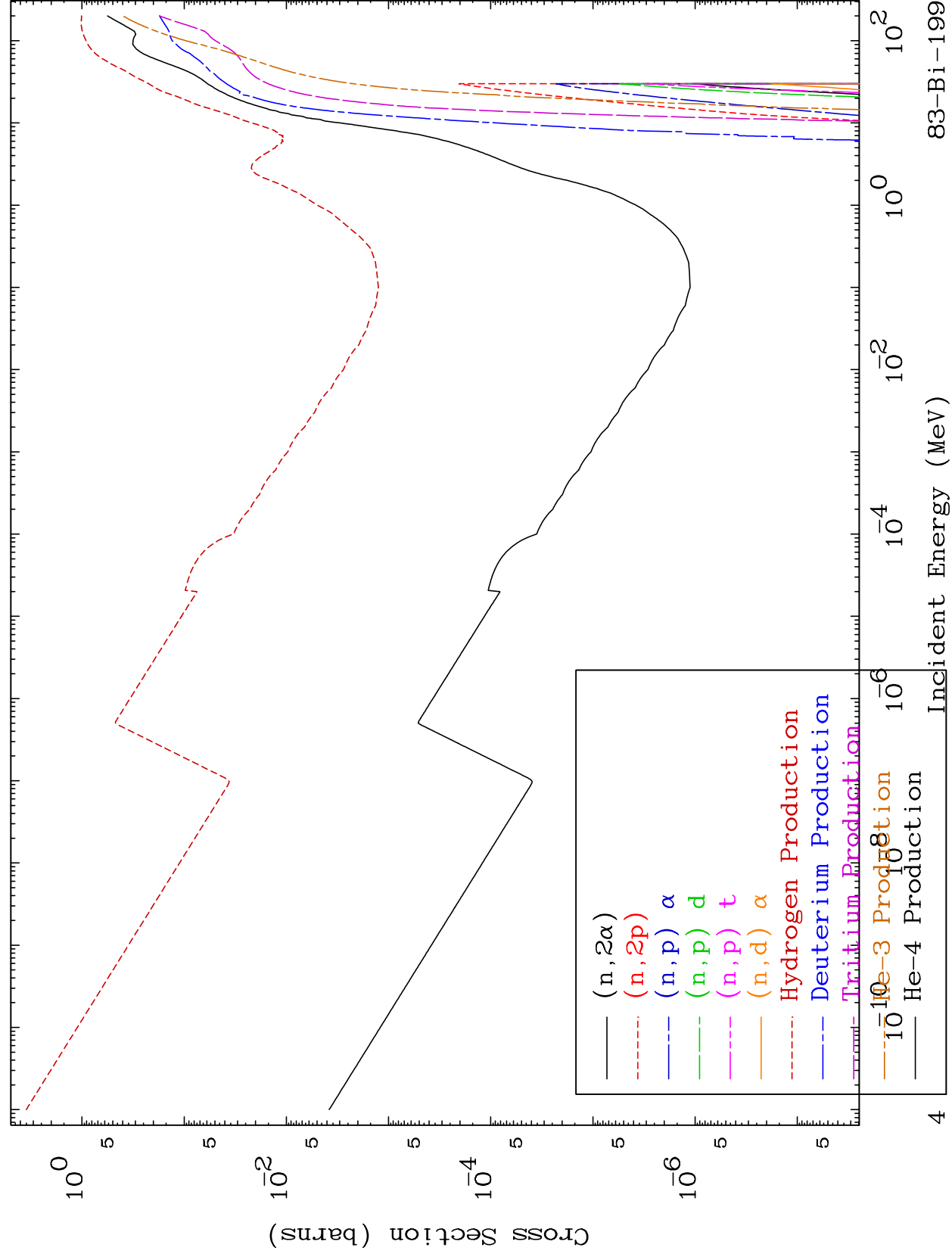
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

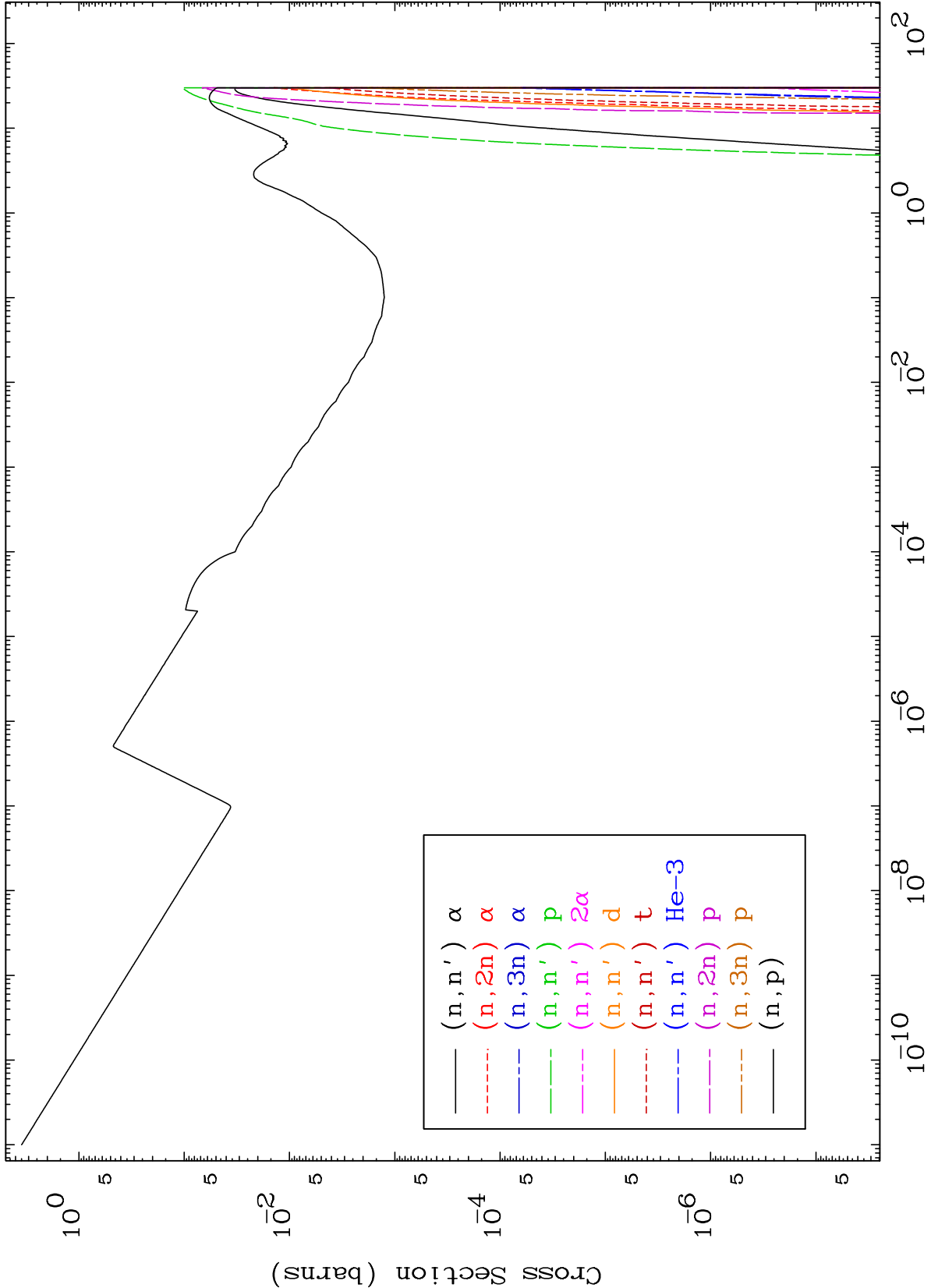
Press Mouse Button to Start

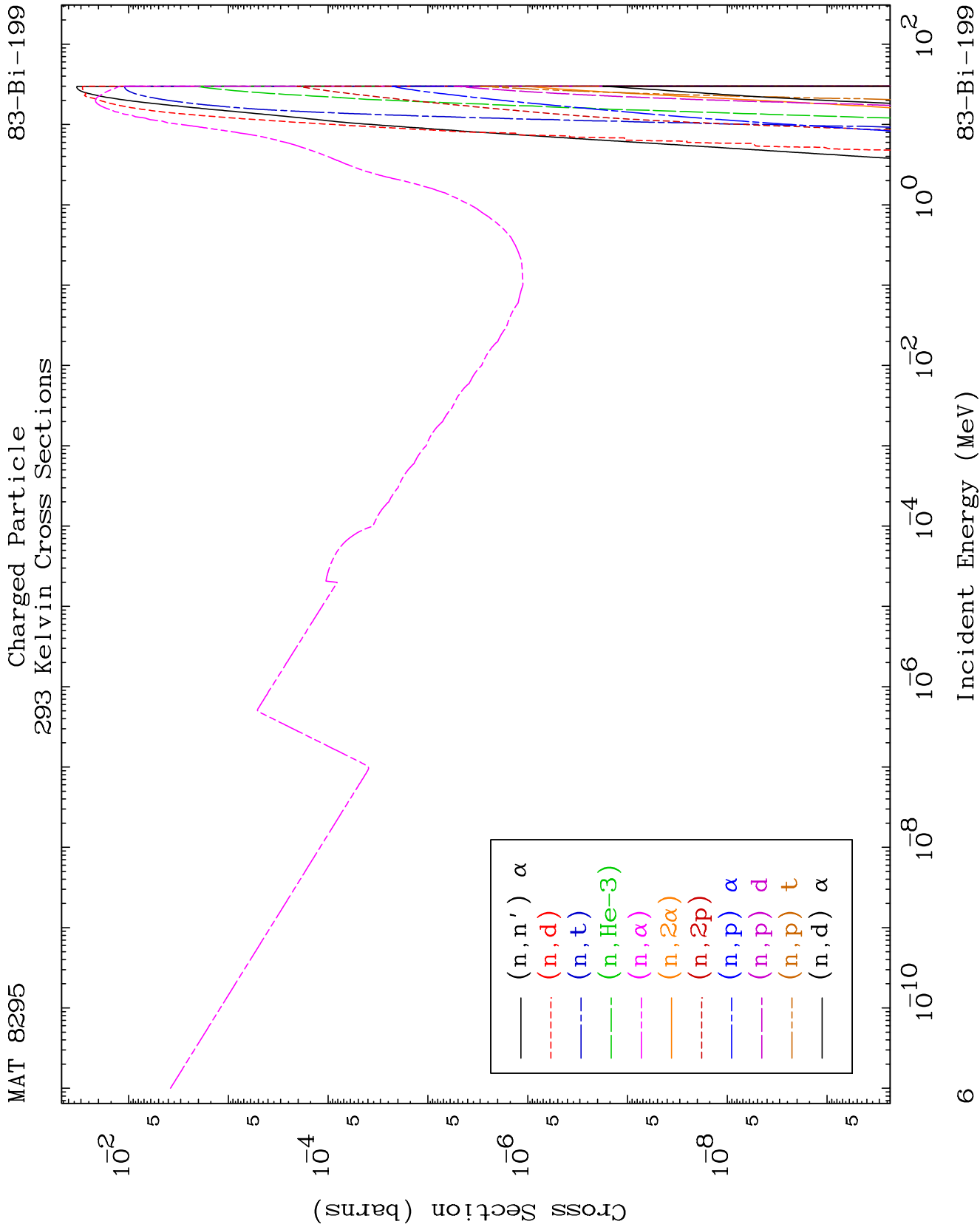








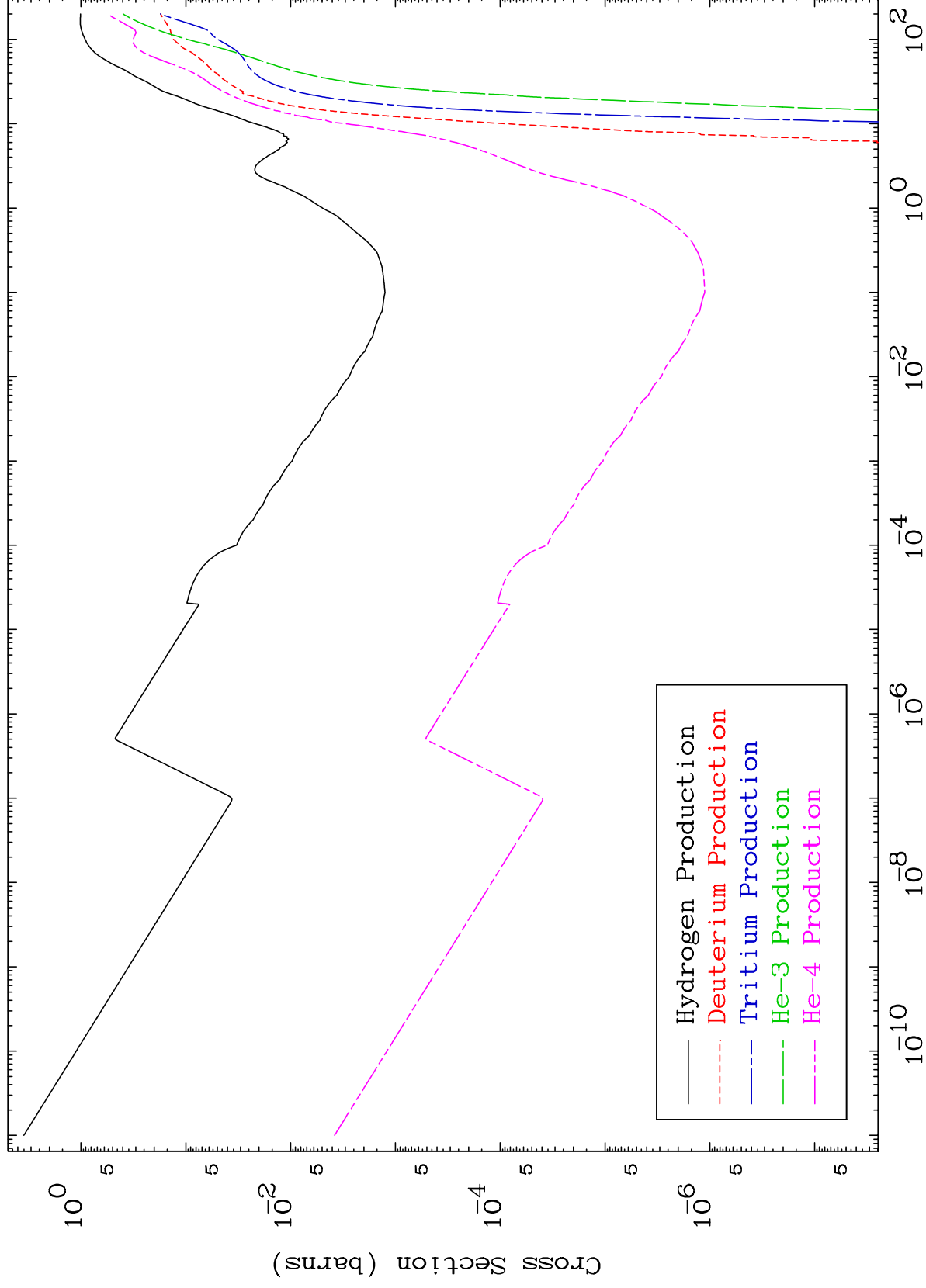


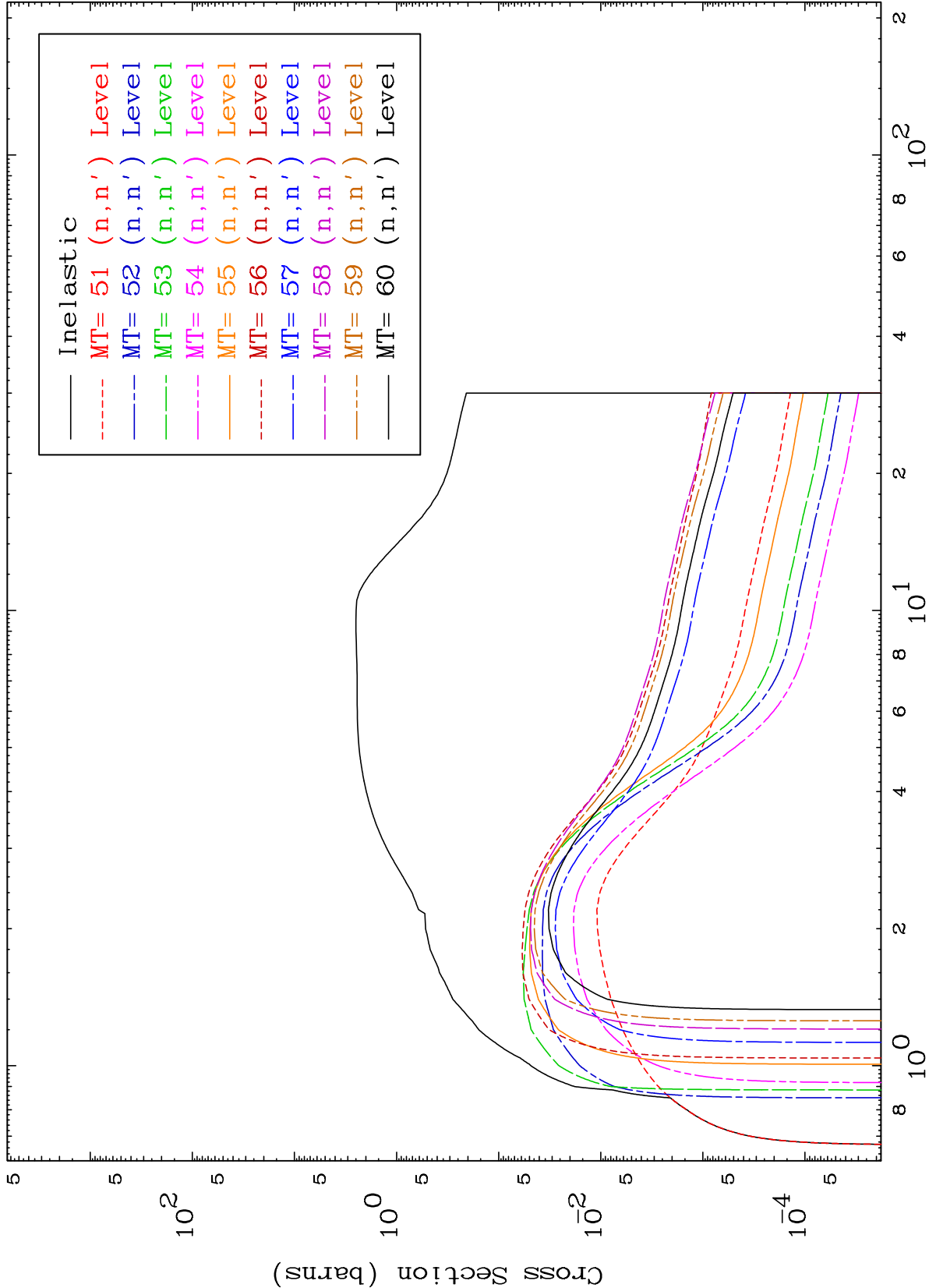


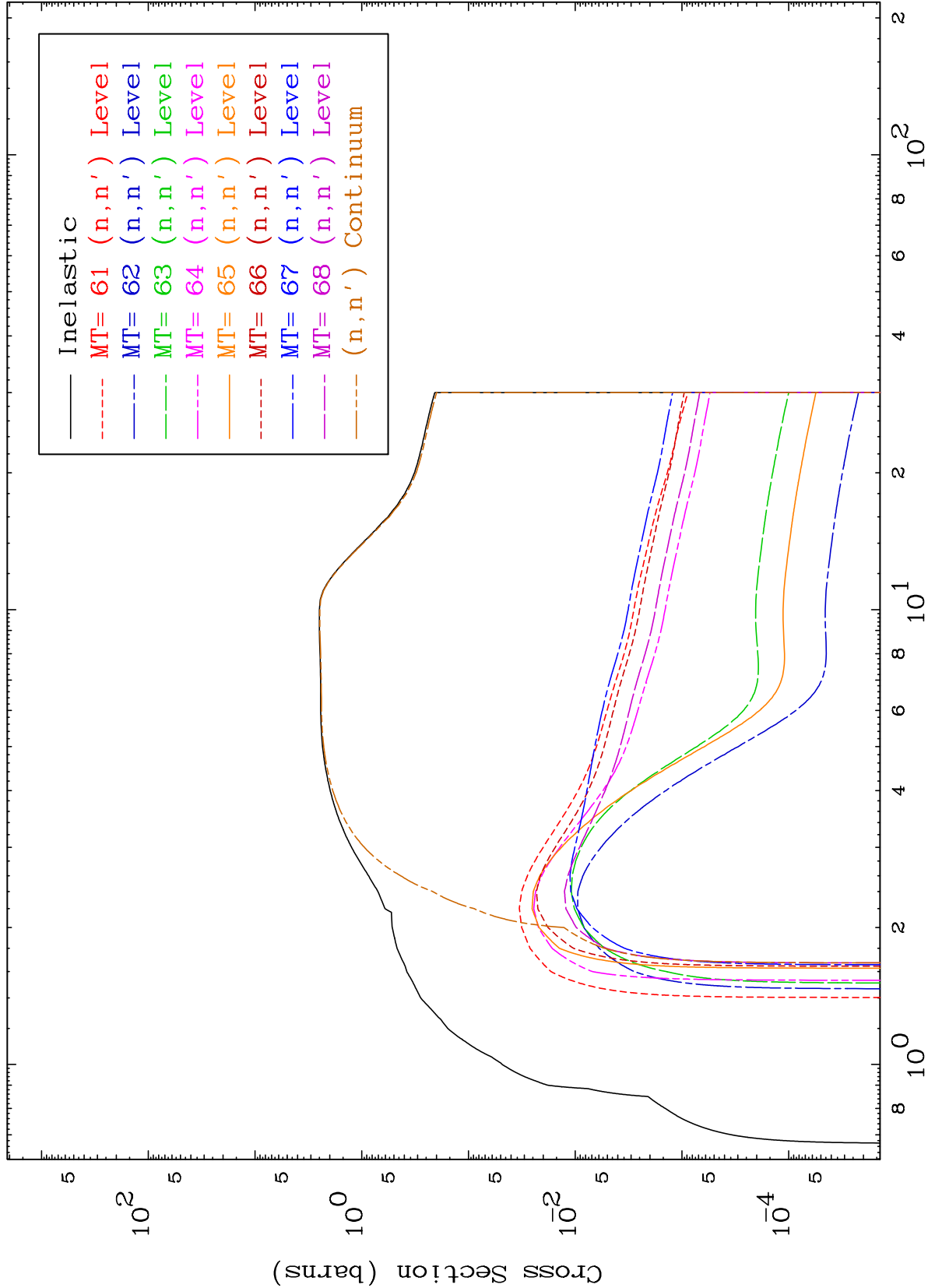
MAT 8295

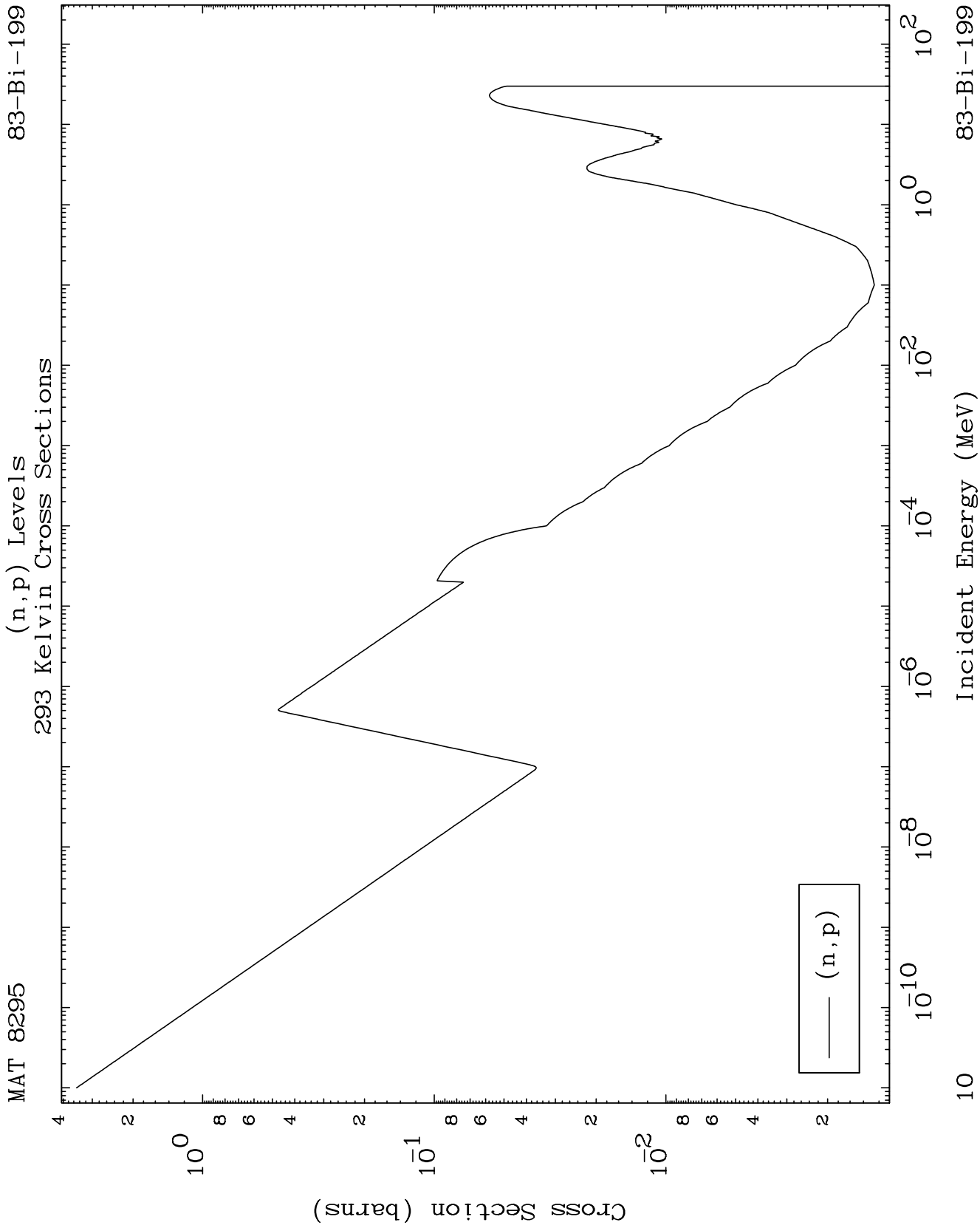
Particle Production
293 Kelvin Cross Sections

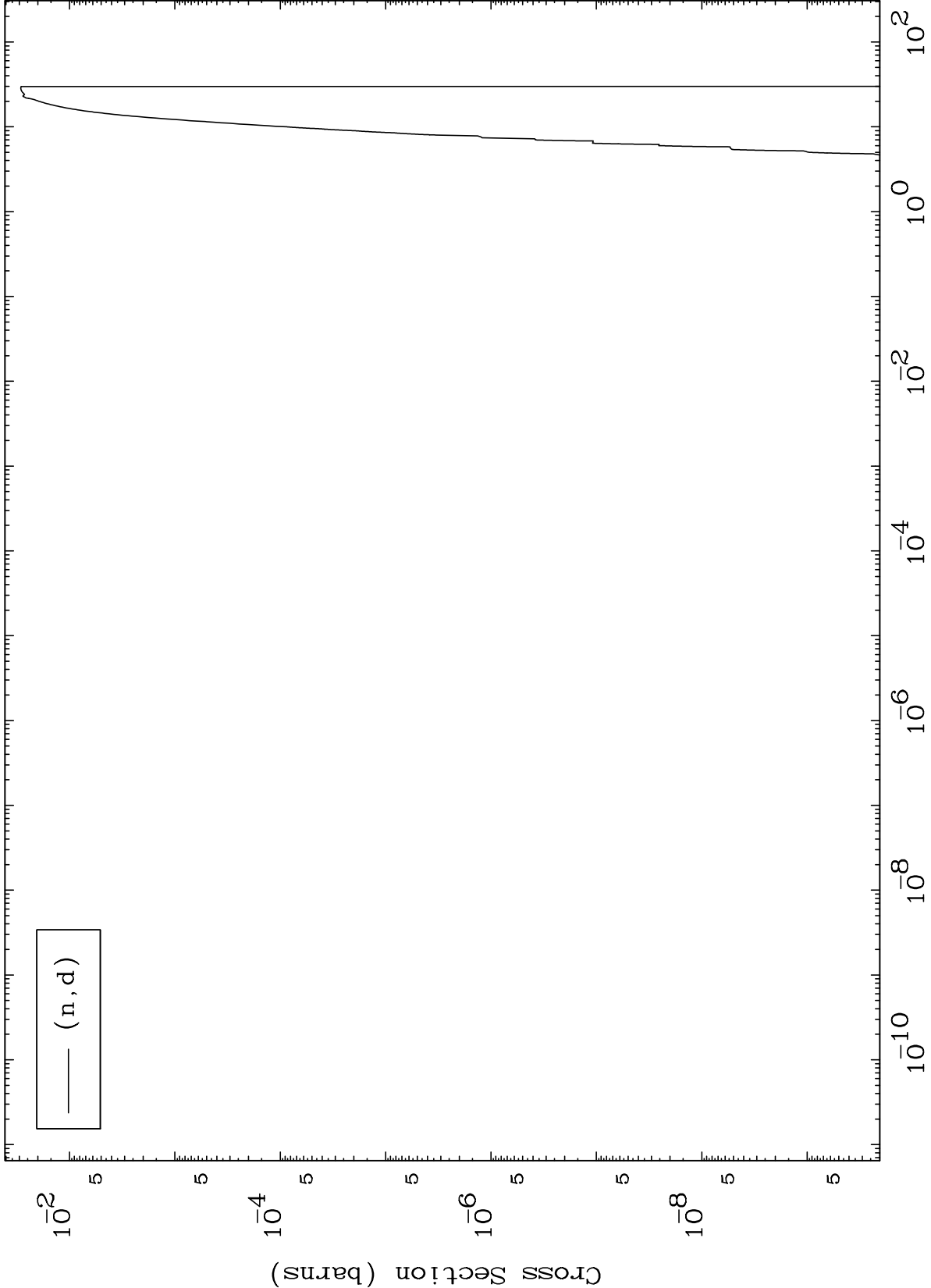
83-Bi-199

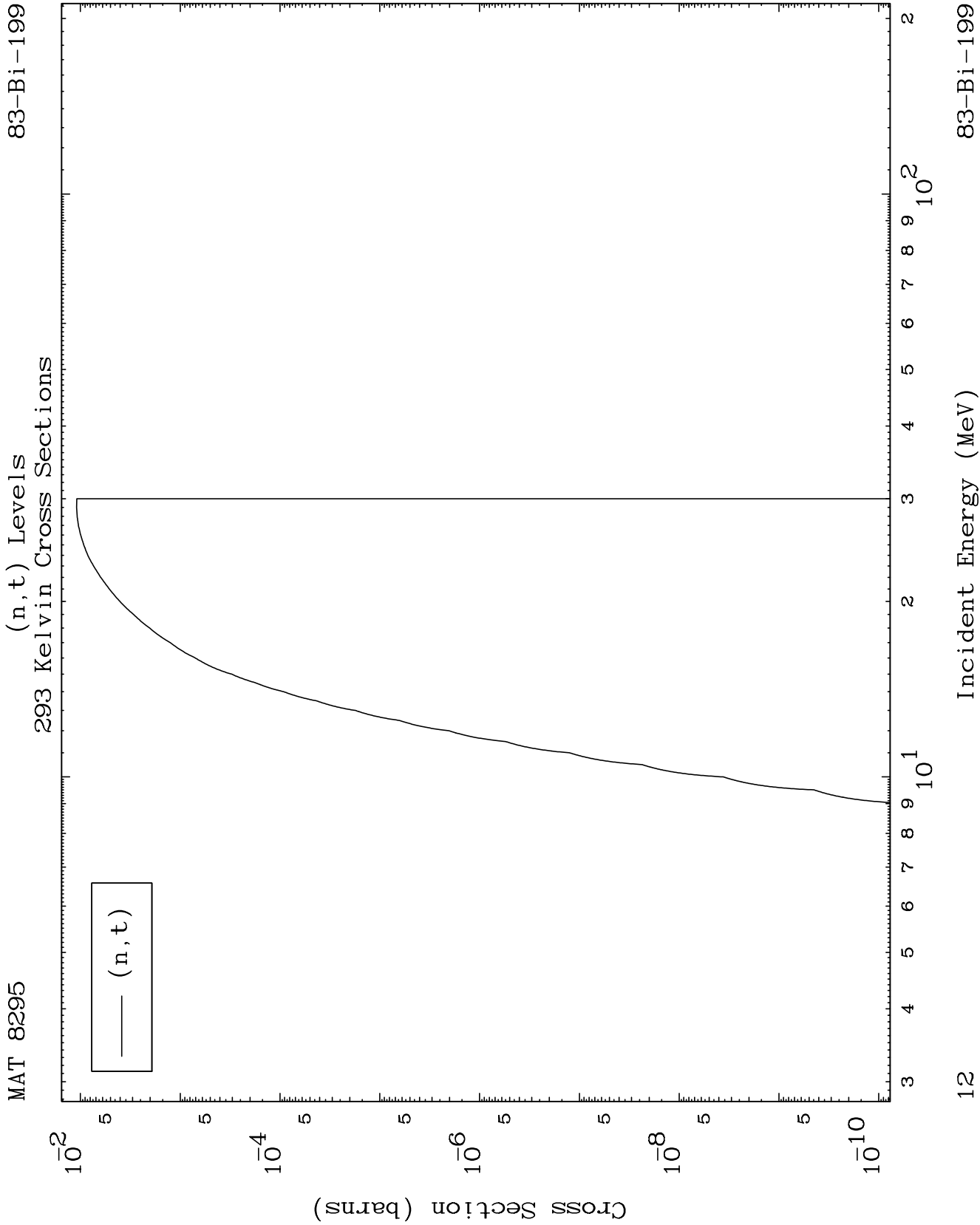


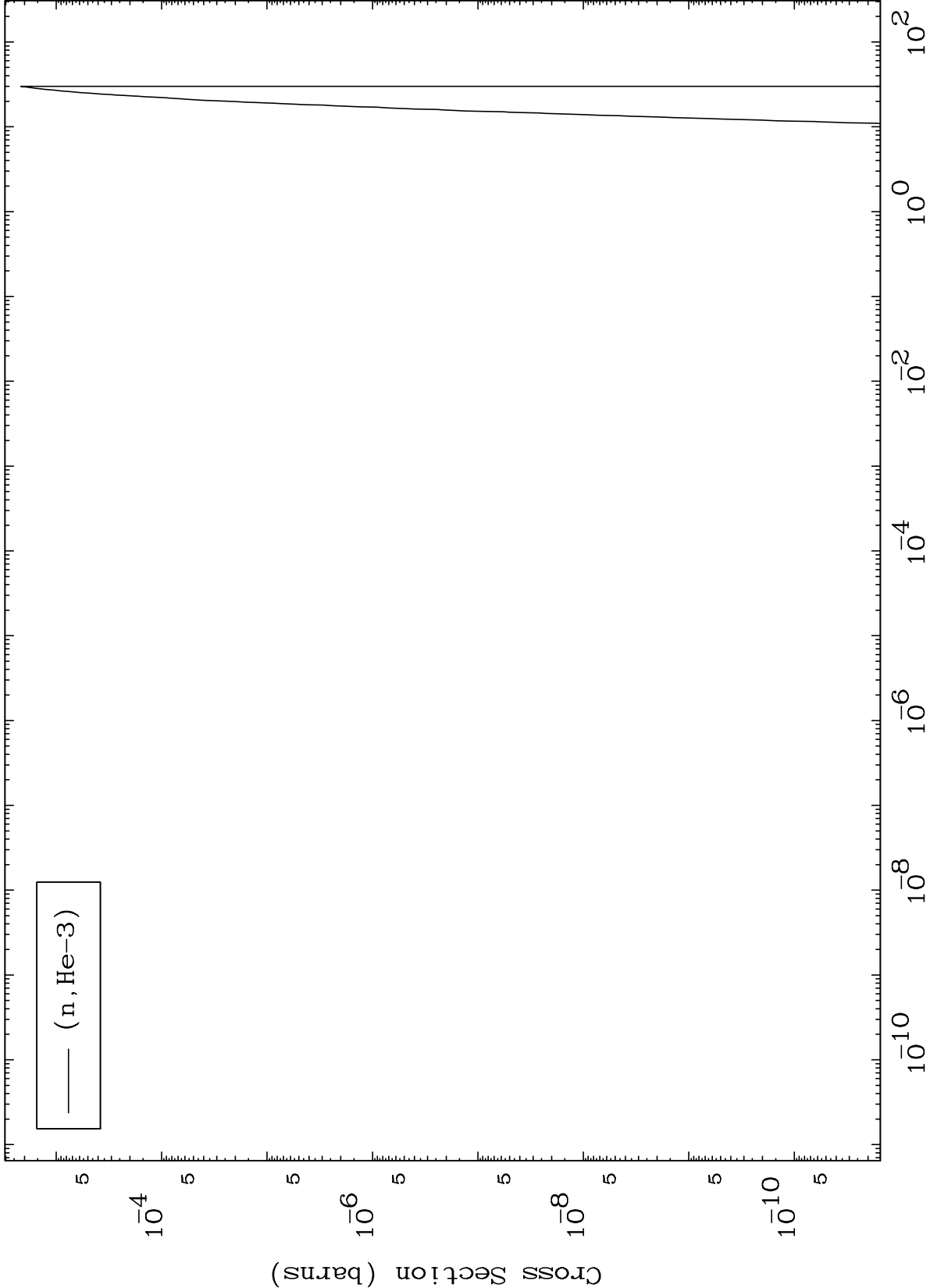








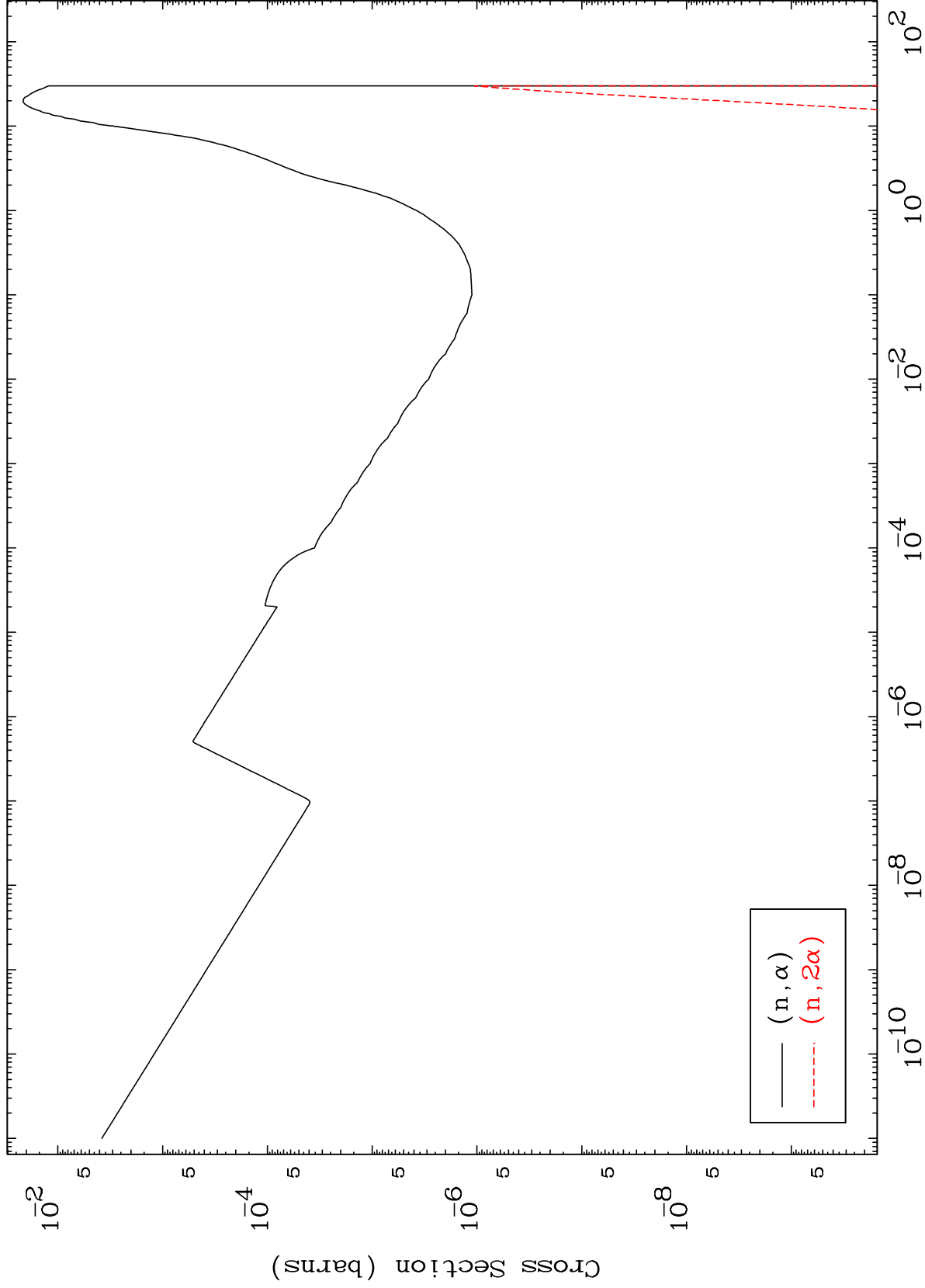




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(n, α) Levels
293 Kelvin Cross Sections

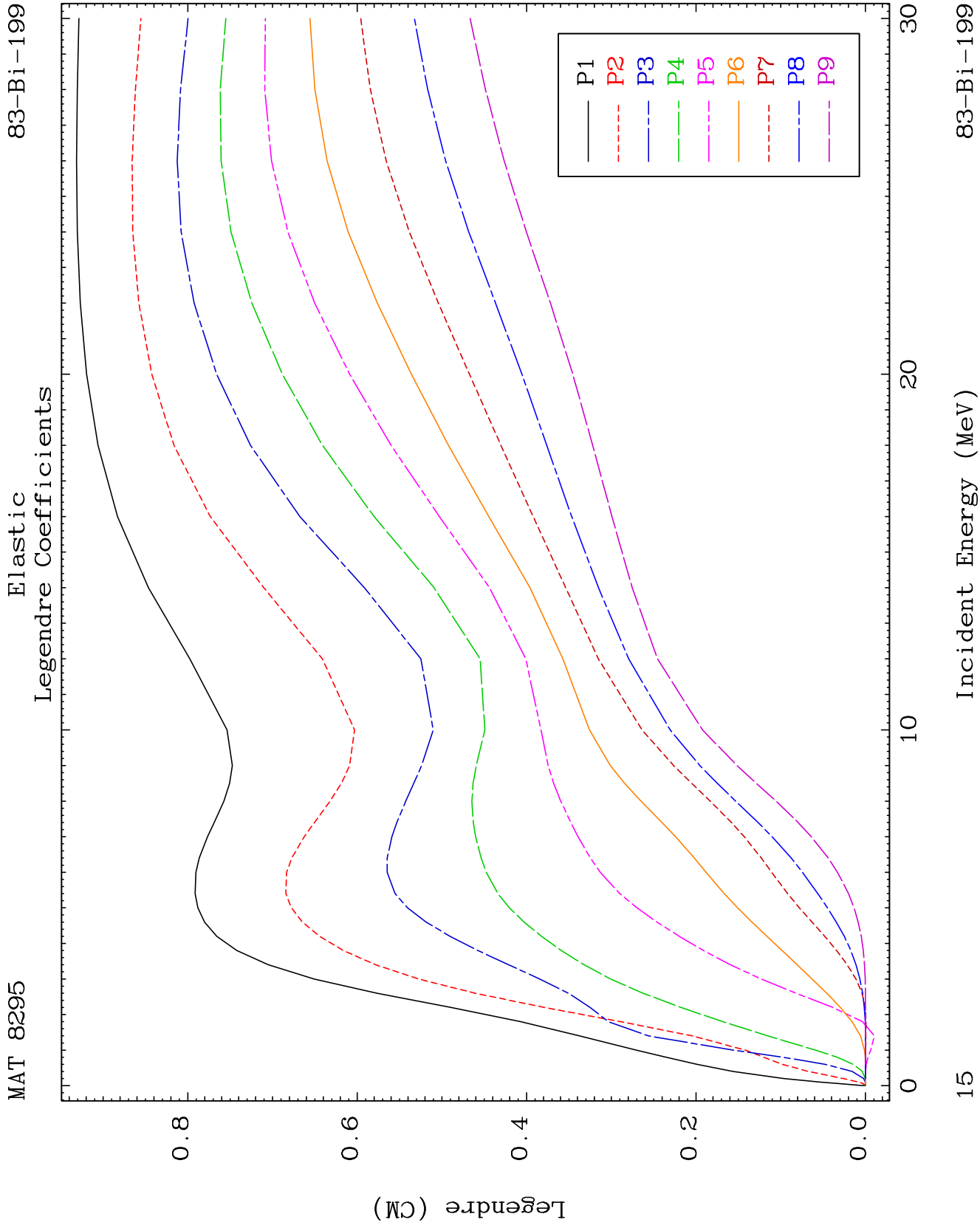
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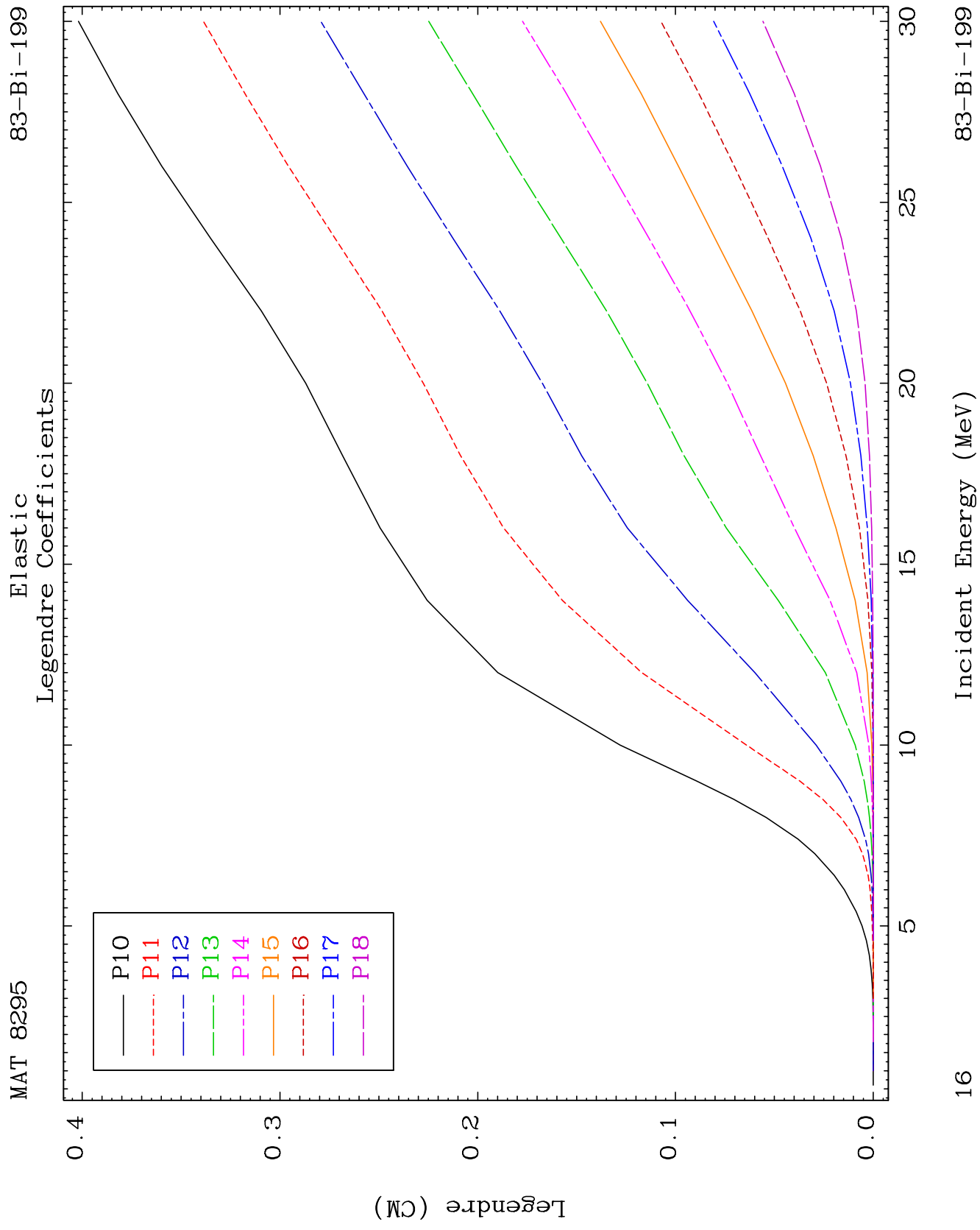


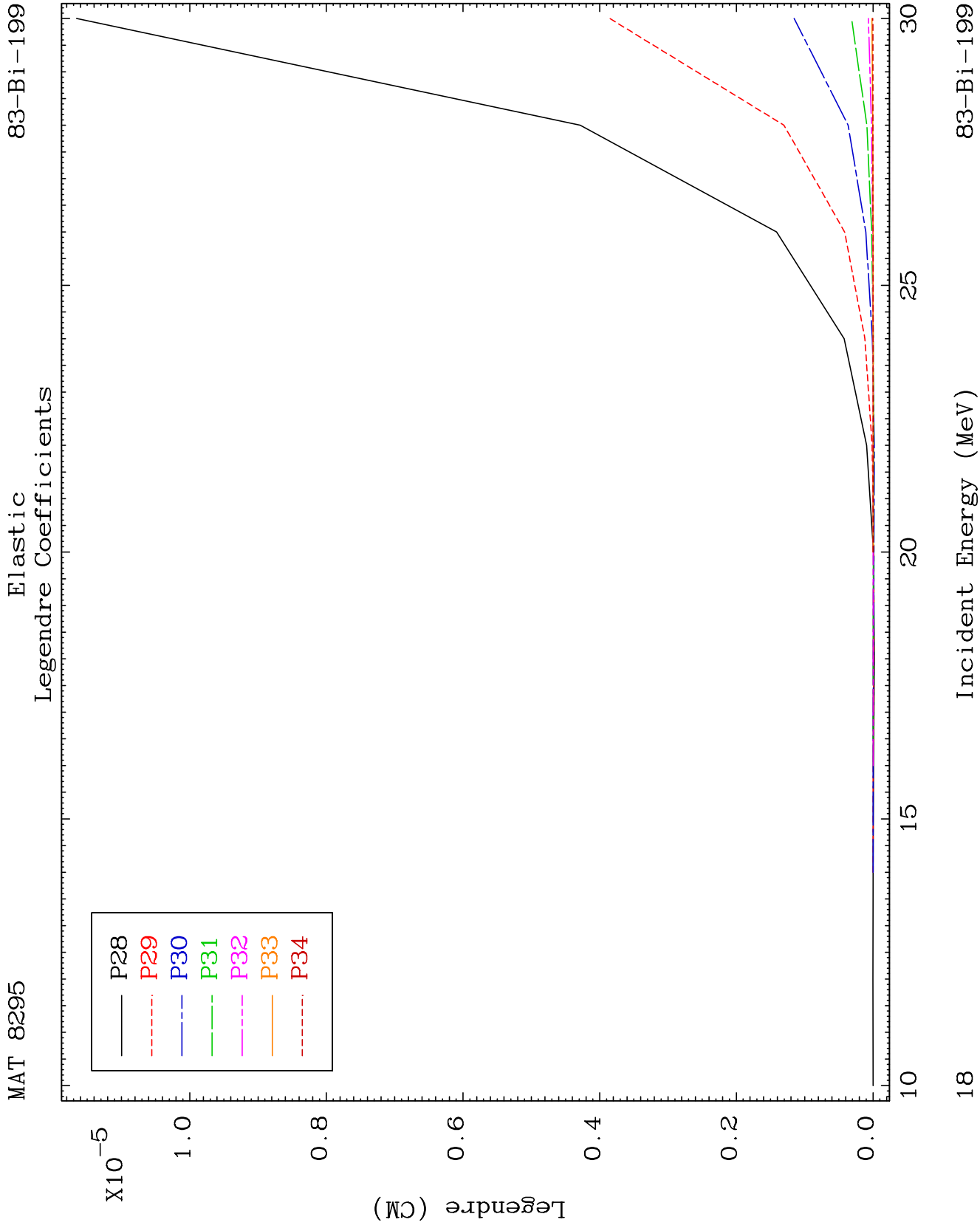
14

Incident Energy (MeV)

83-Bi-199



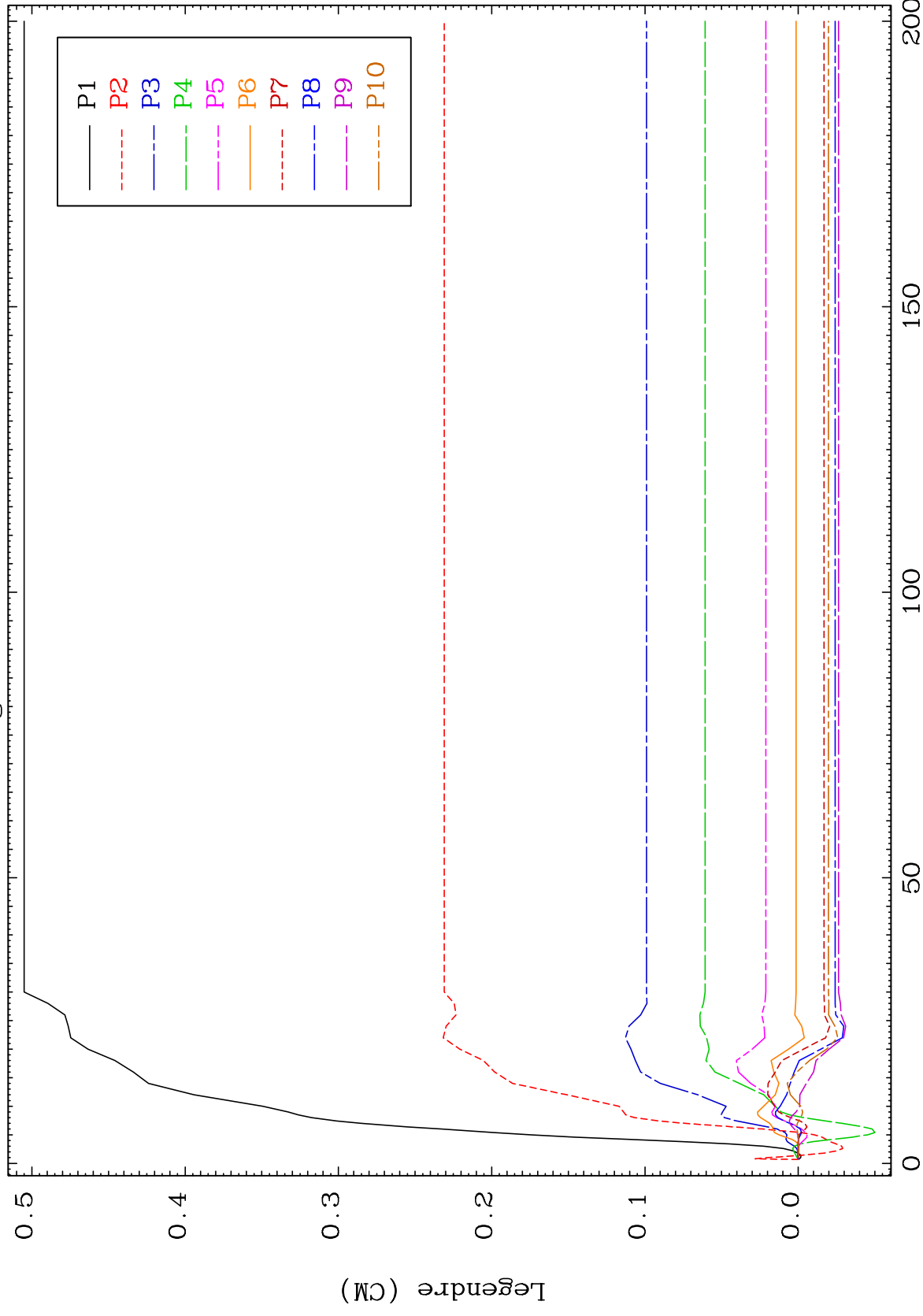




MAT 8295

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

83-Bi-199



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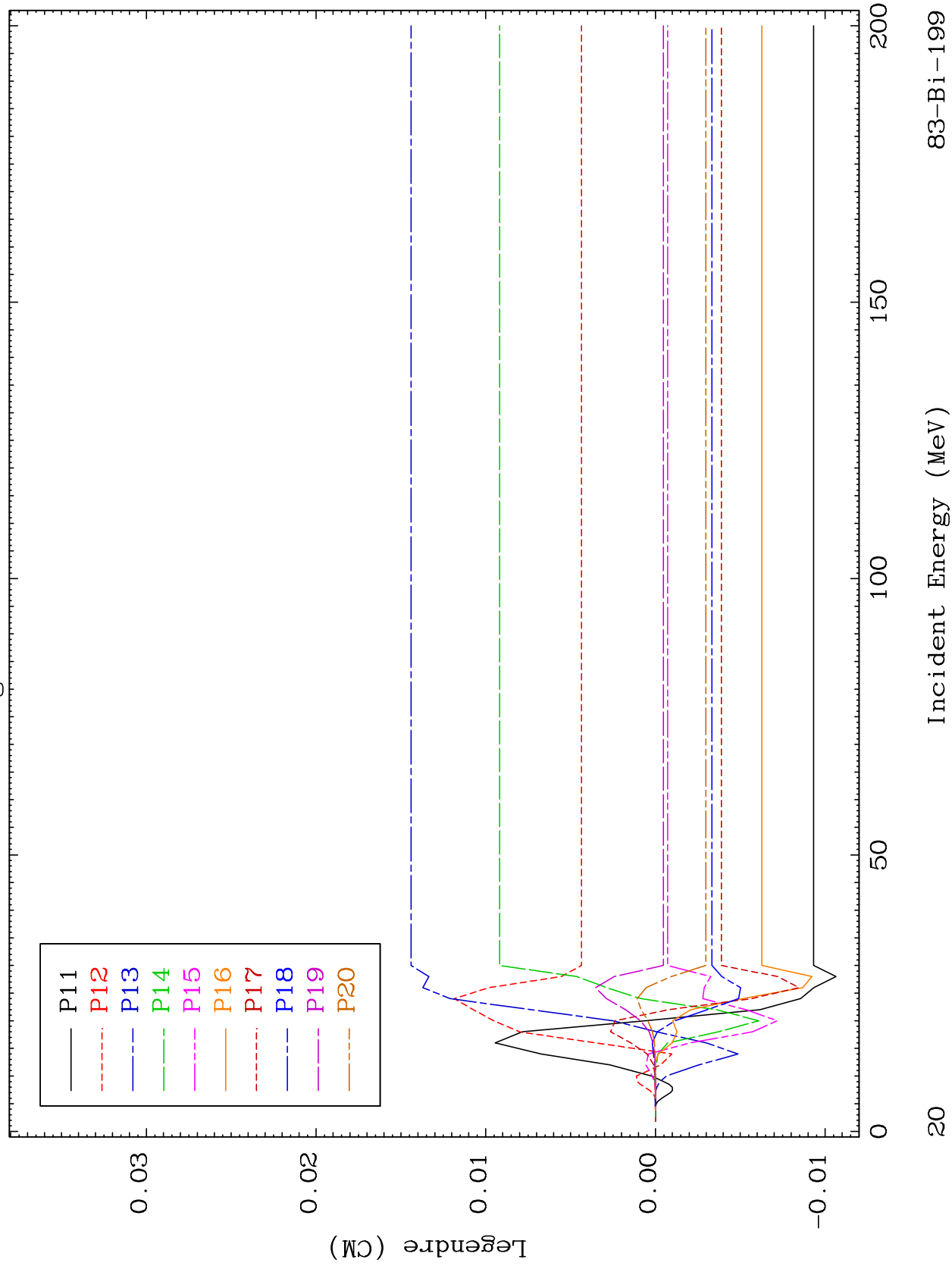
Incident Energy (MeV)

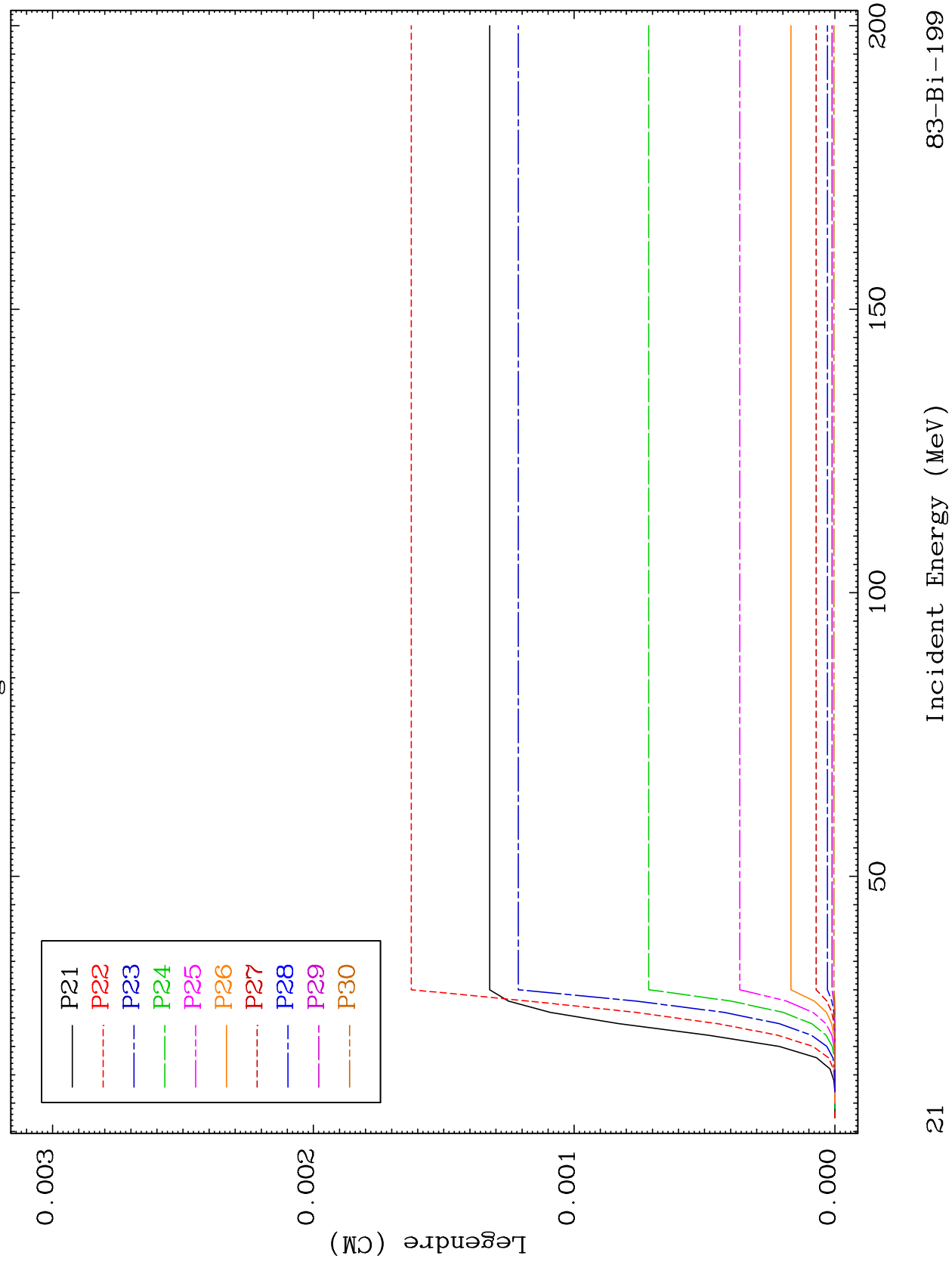
83-Bi-199

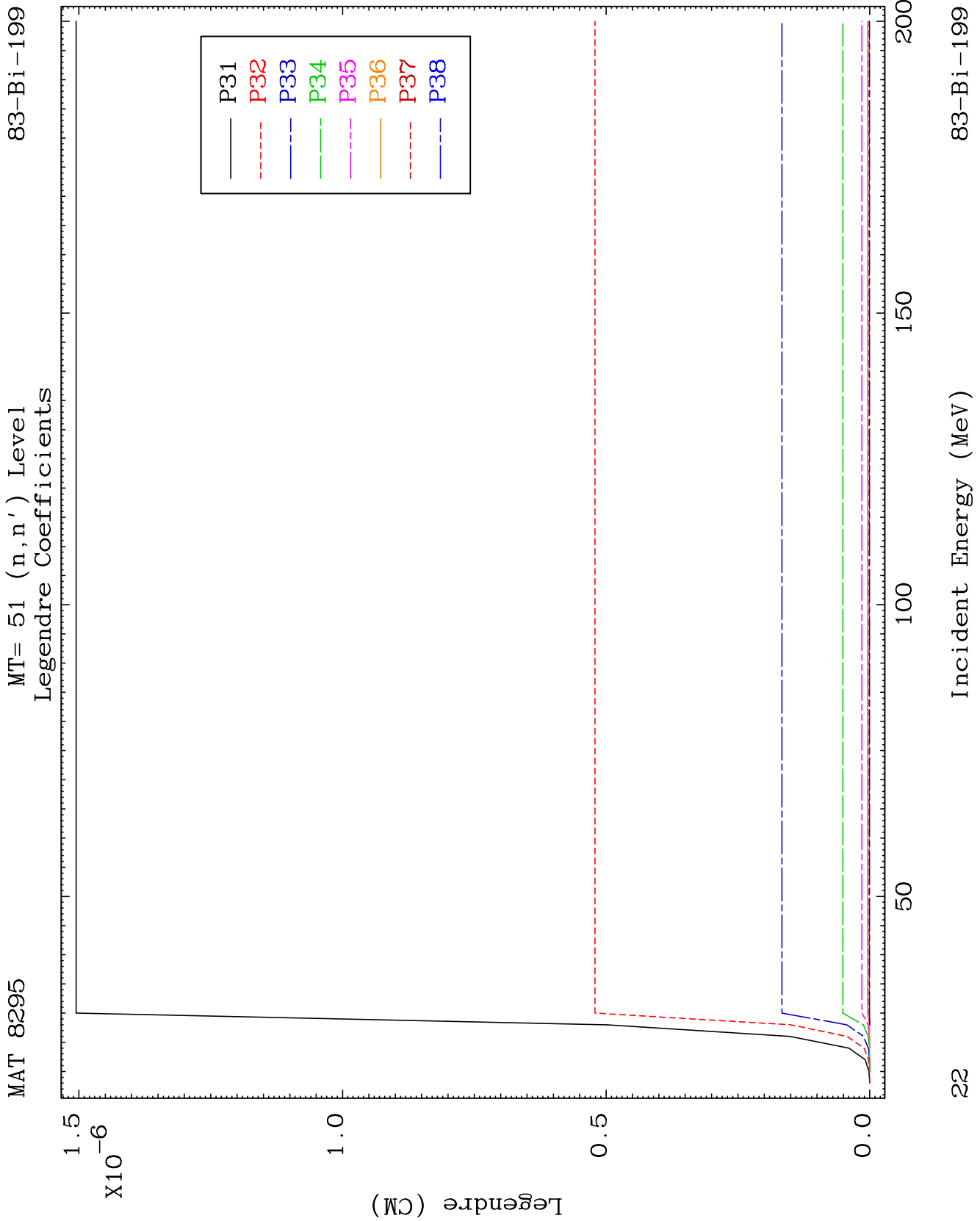
MAT 8295

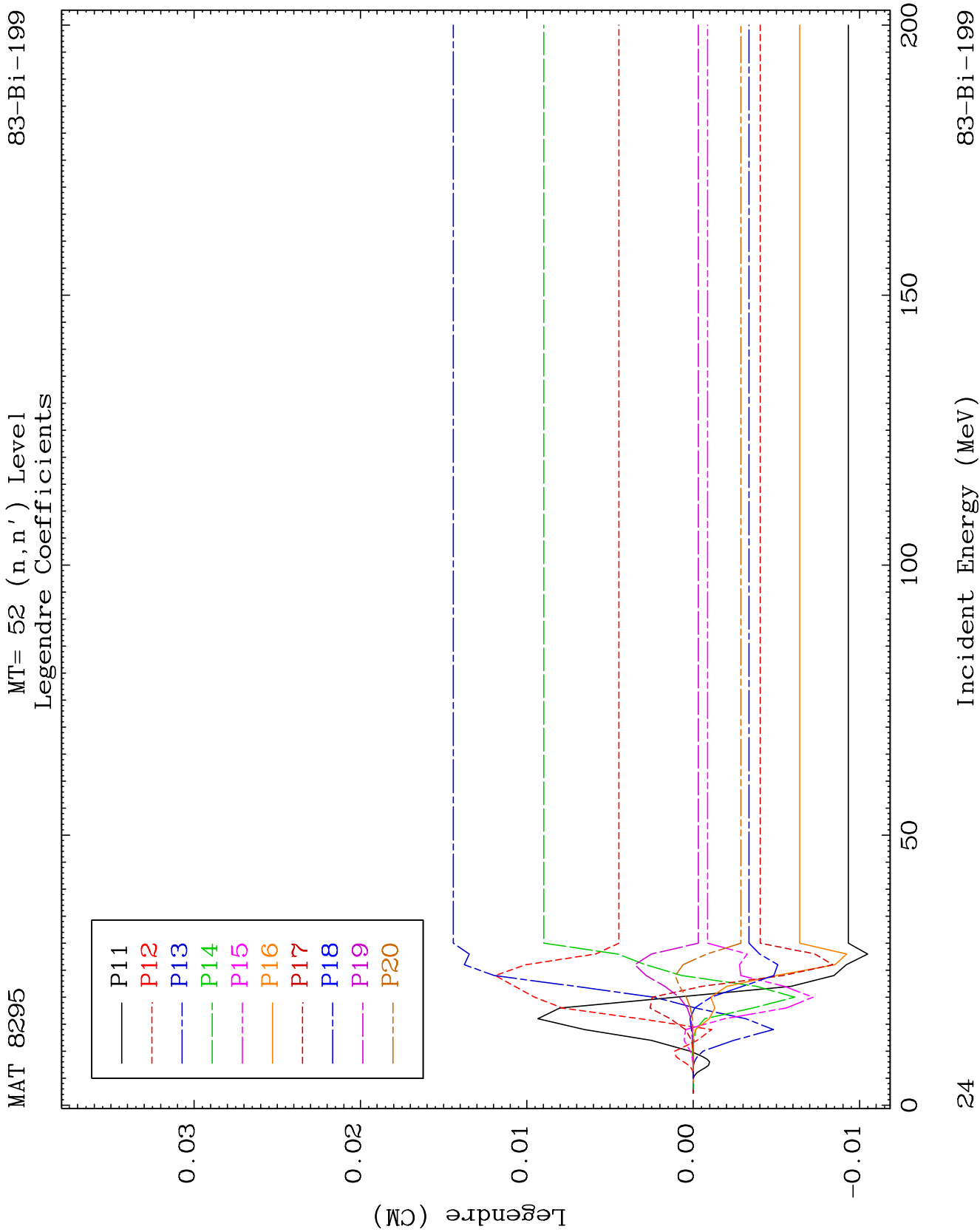
MT= 51 (n, n') Level
Legendre Coefficients

83-Bi-199





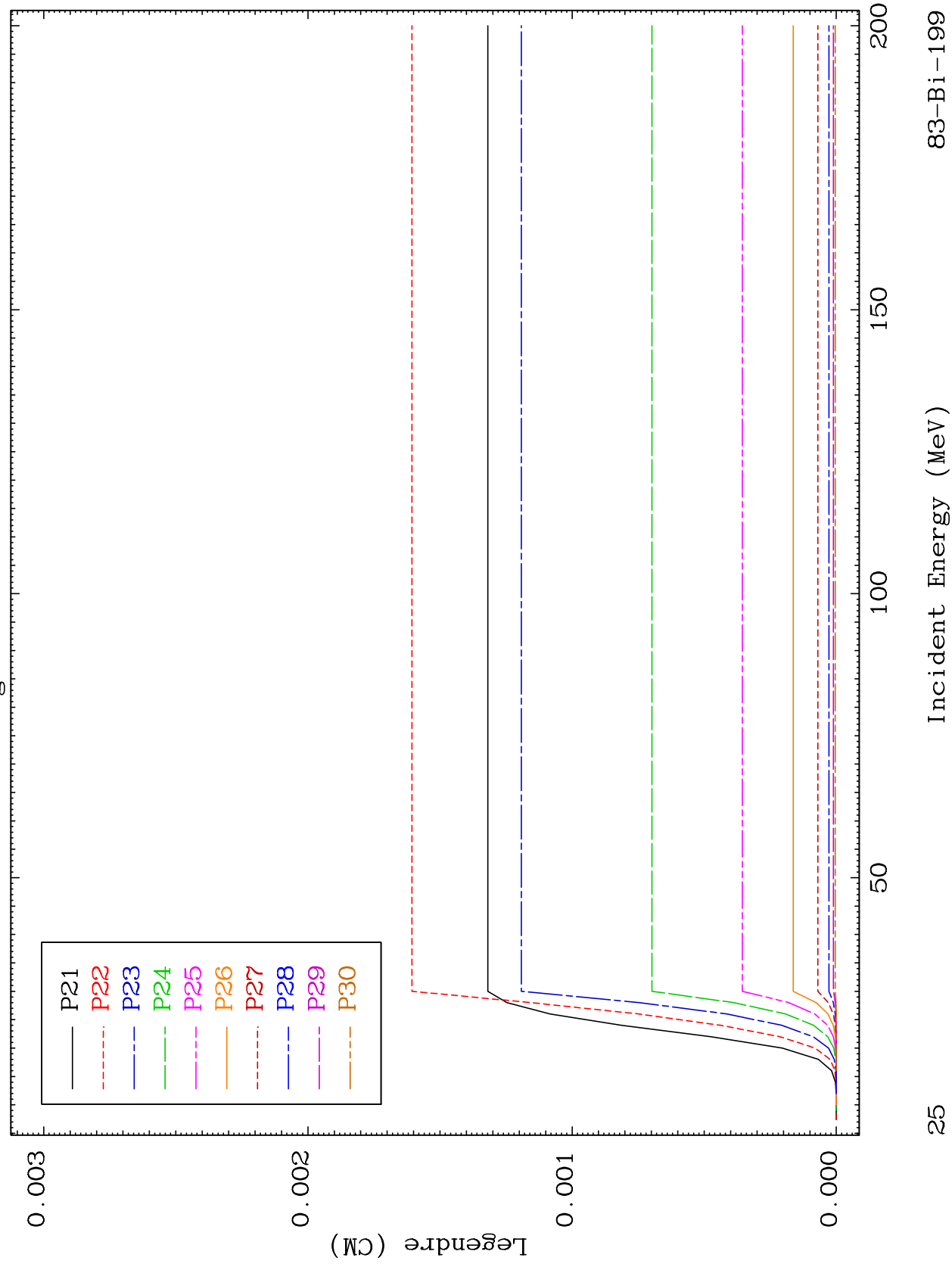


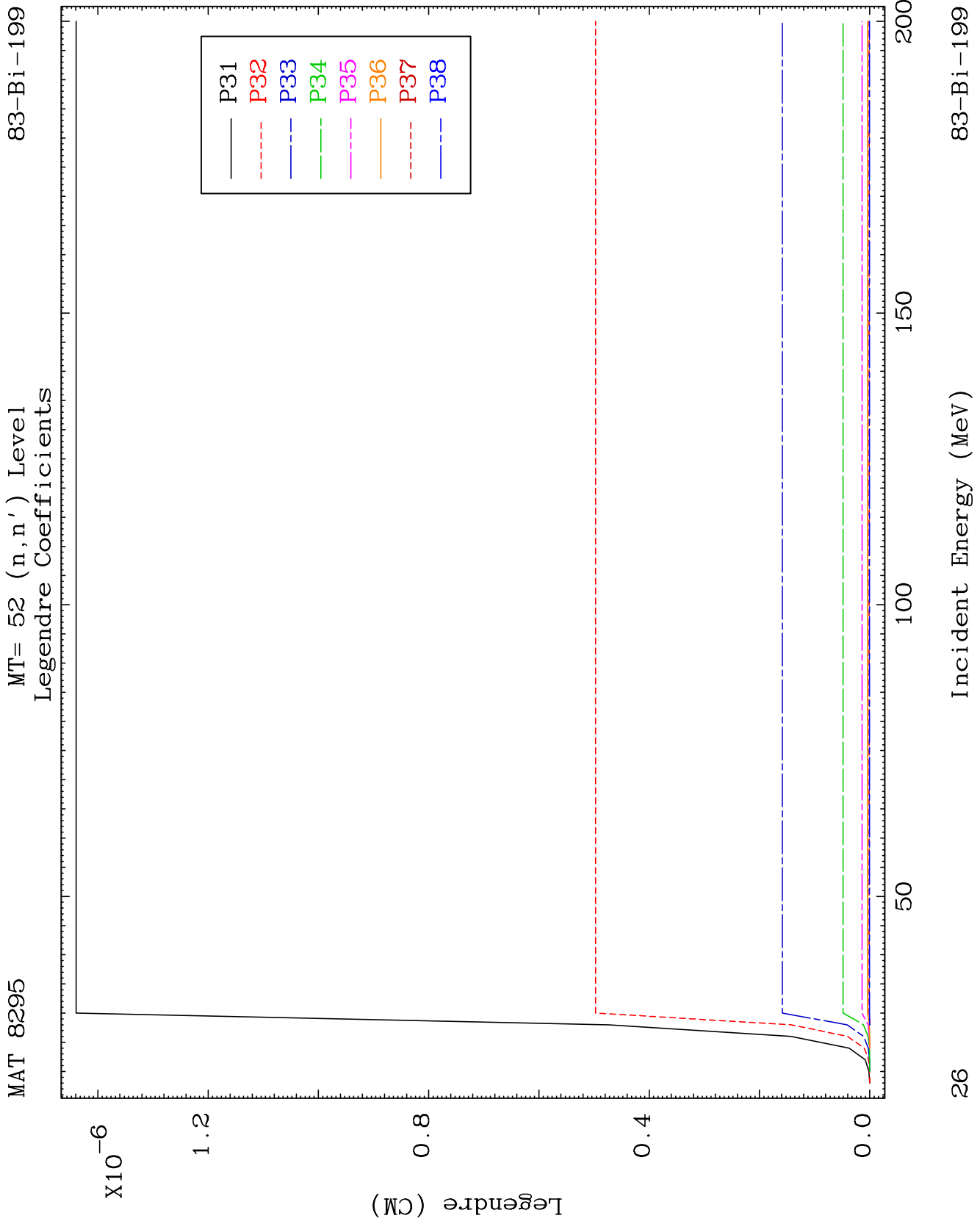


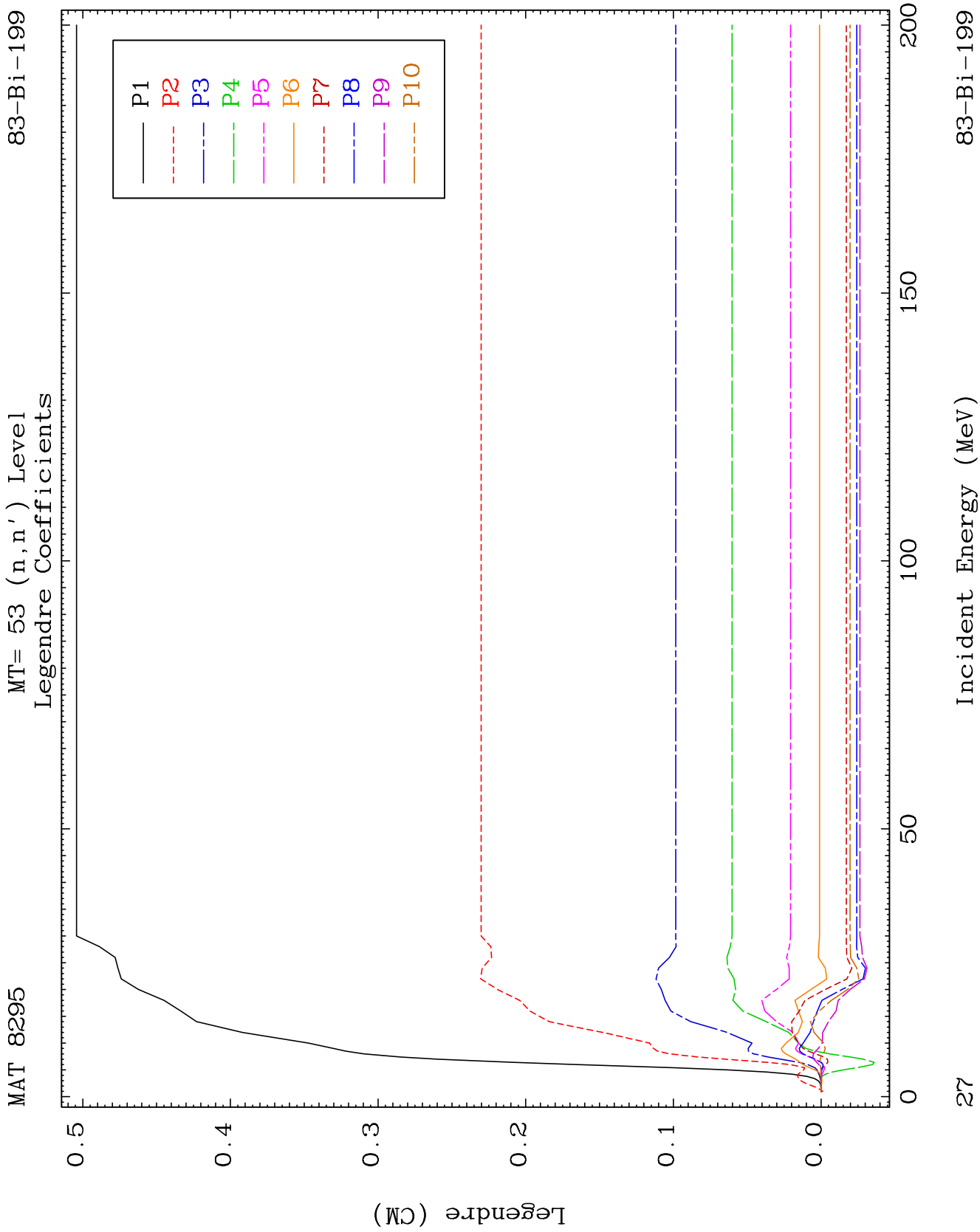
MAT 8295

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

83-Bi-199



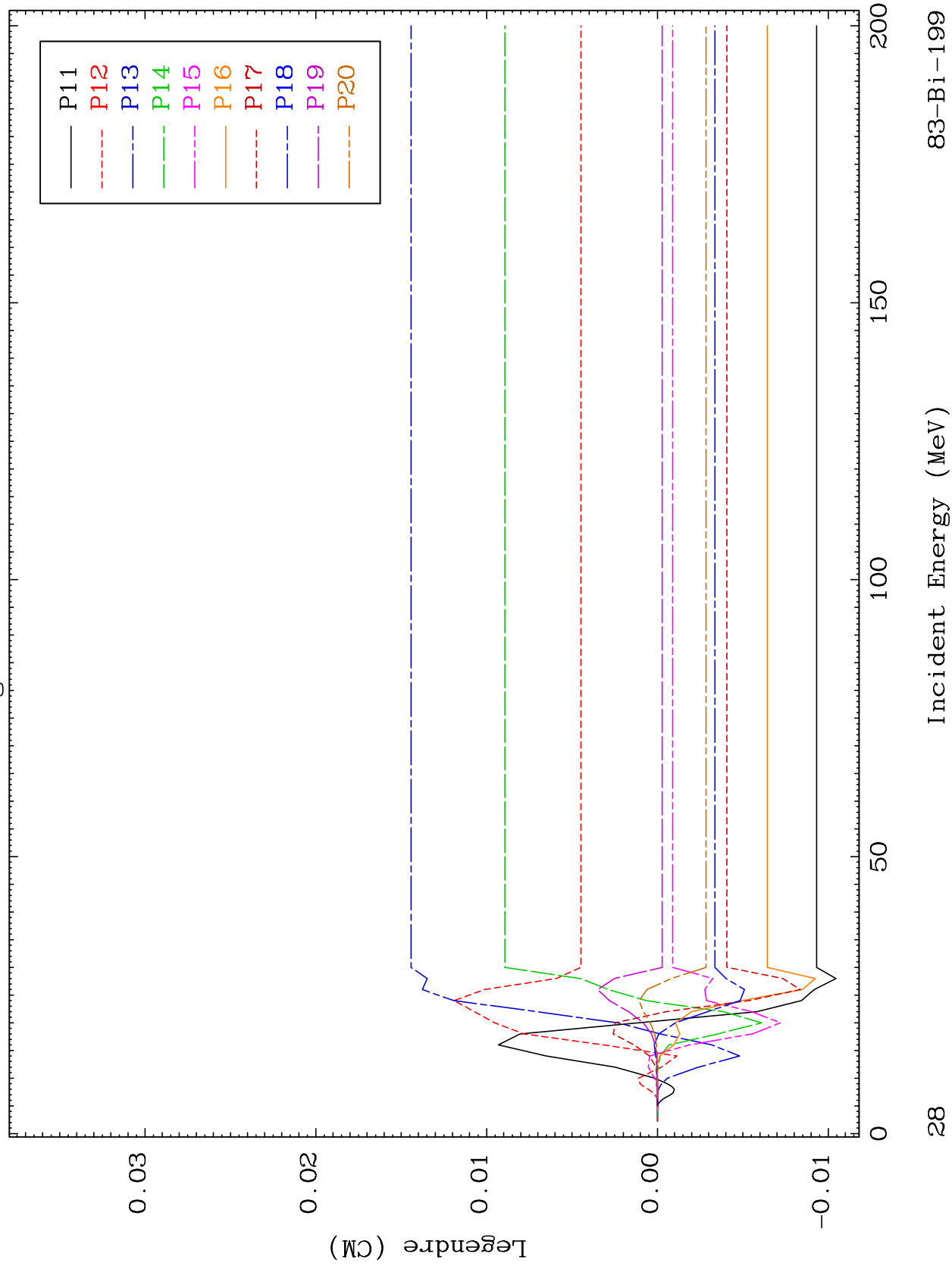




MAT 8295

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

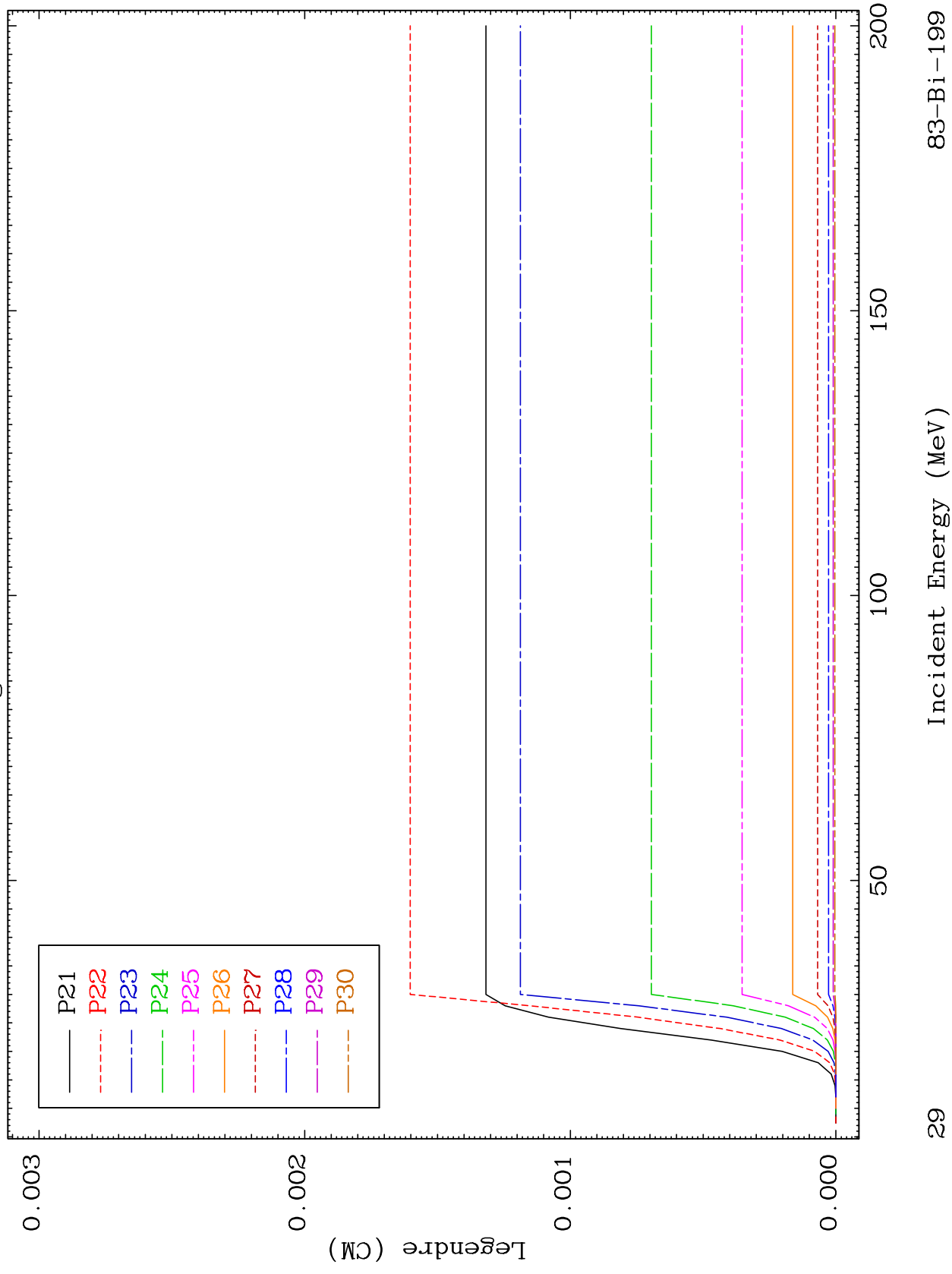
83-Bi-199

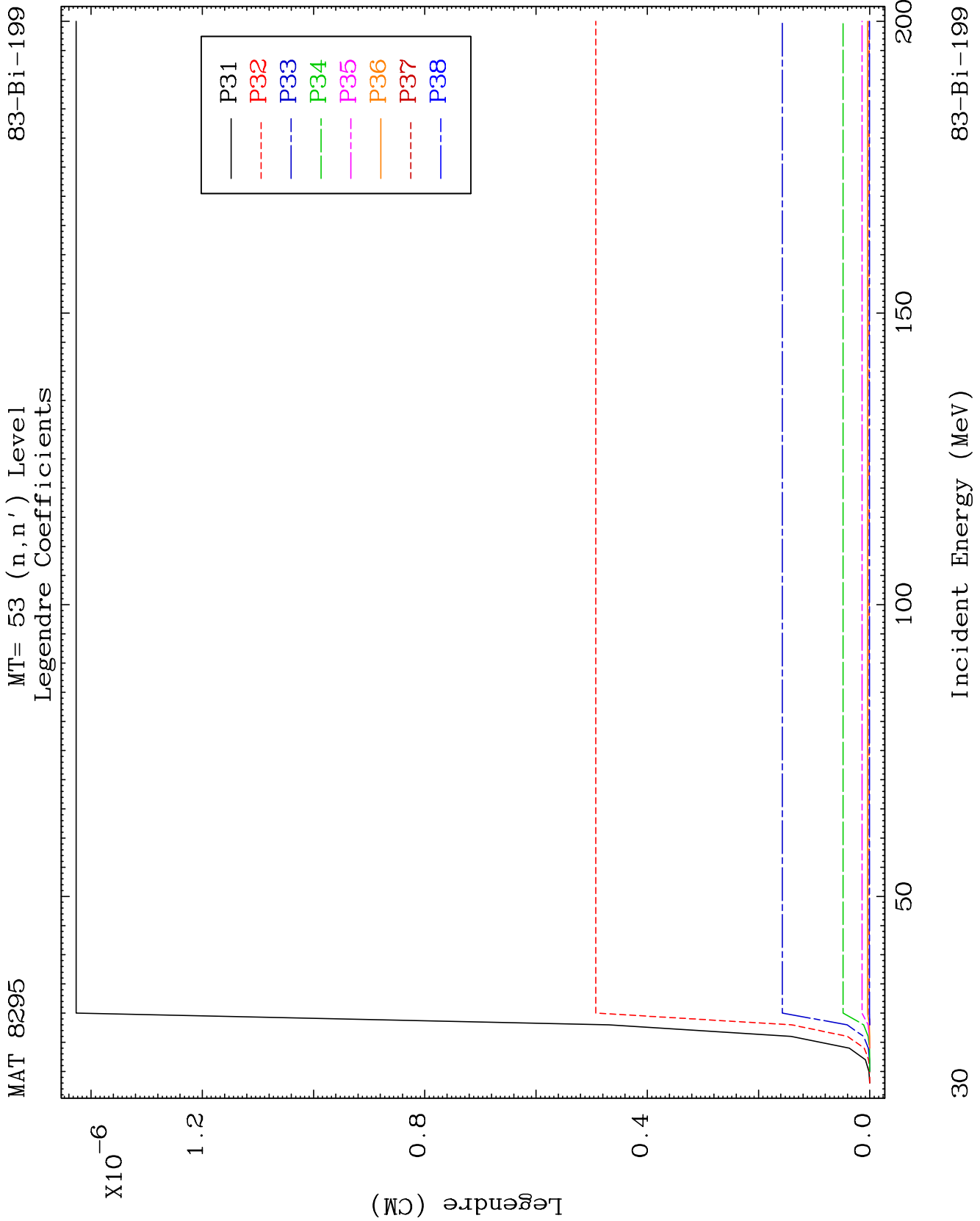


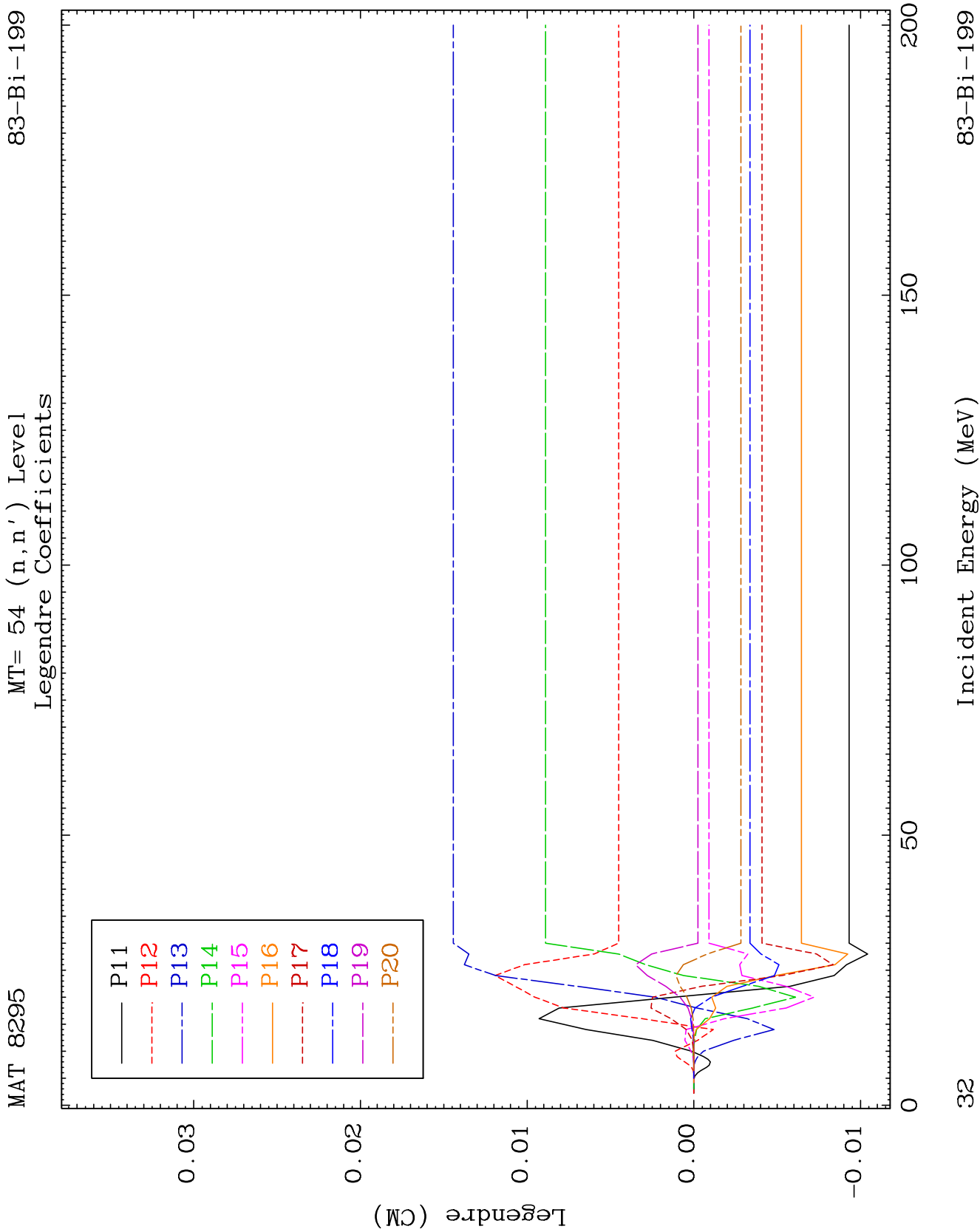
MAT 8295

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

83-Bi-199



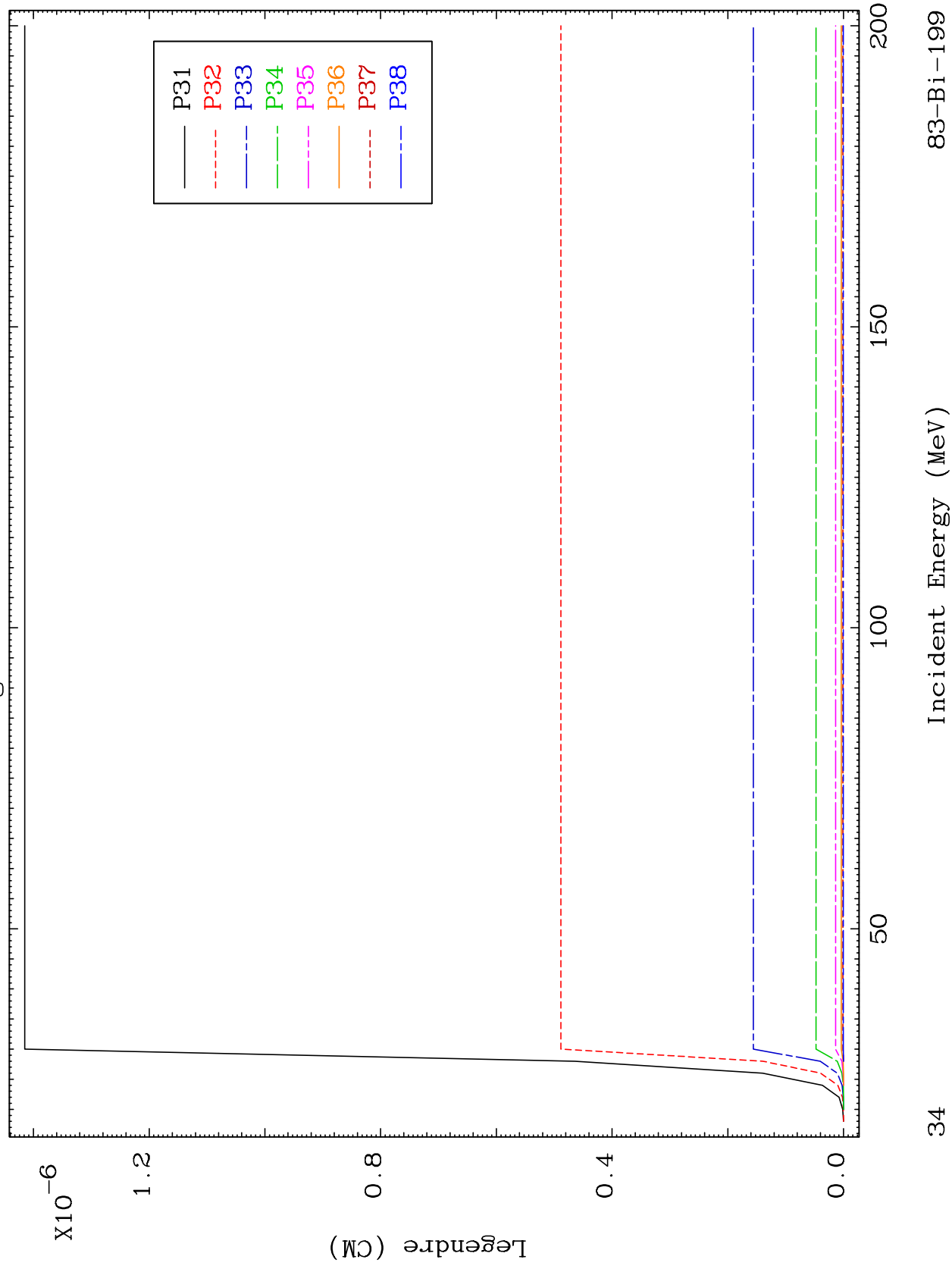


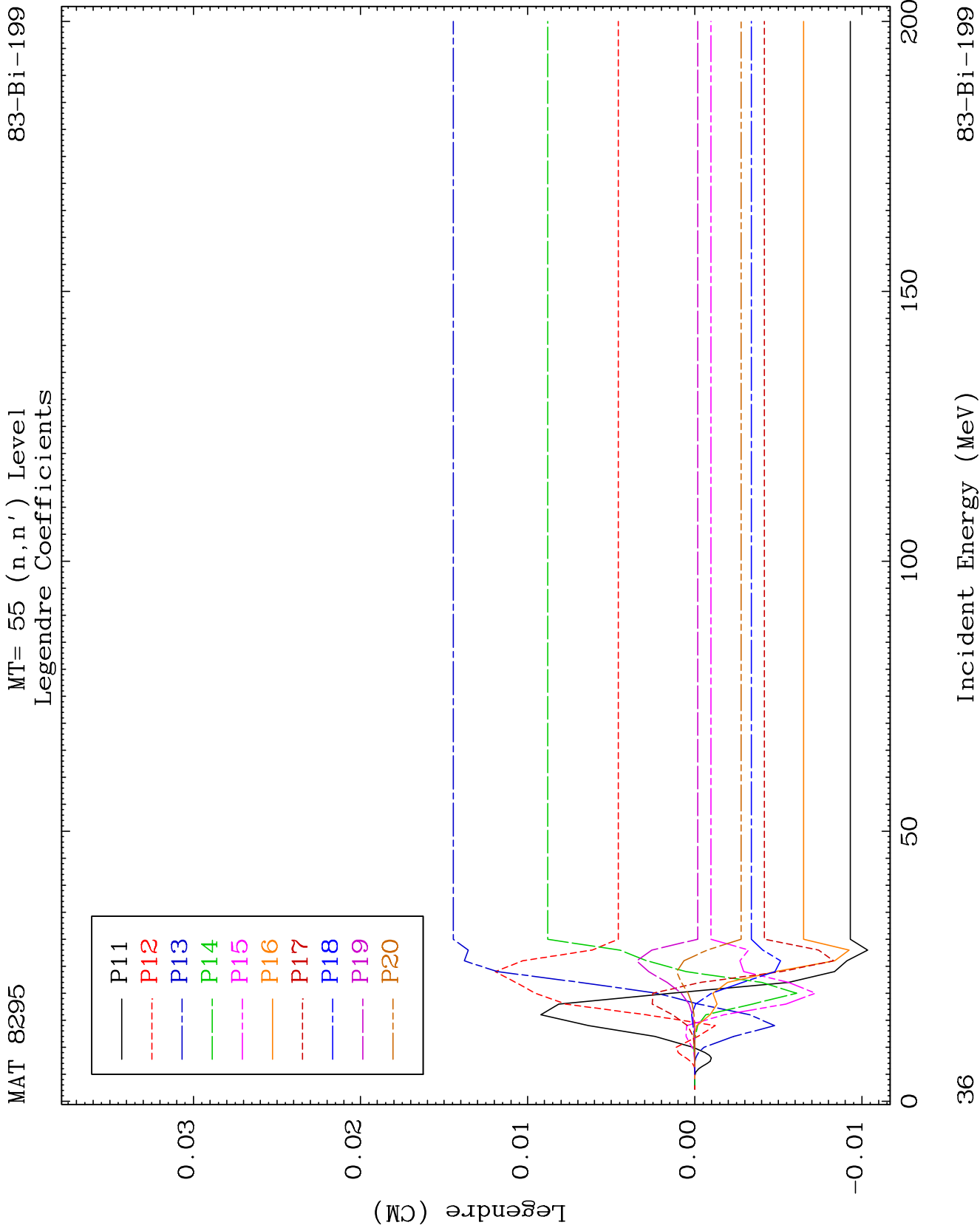


MAT 8295

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

83-Bi-199

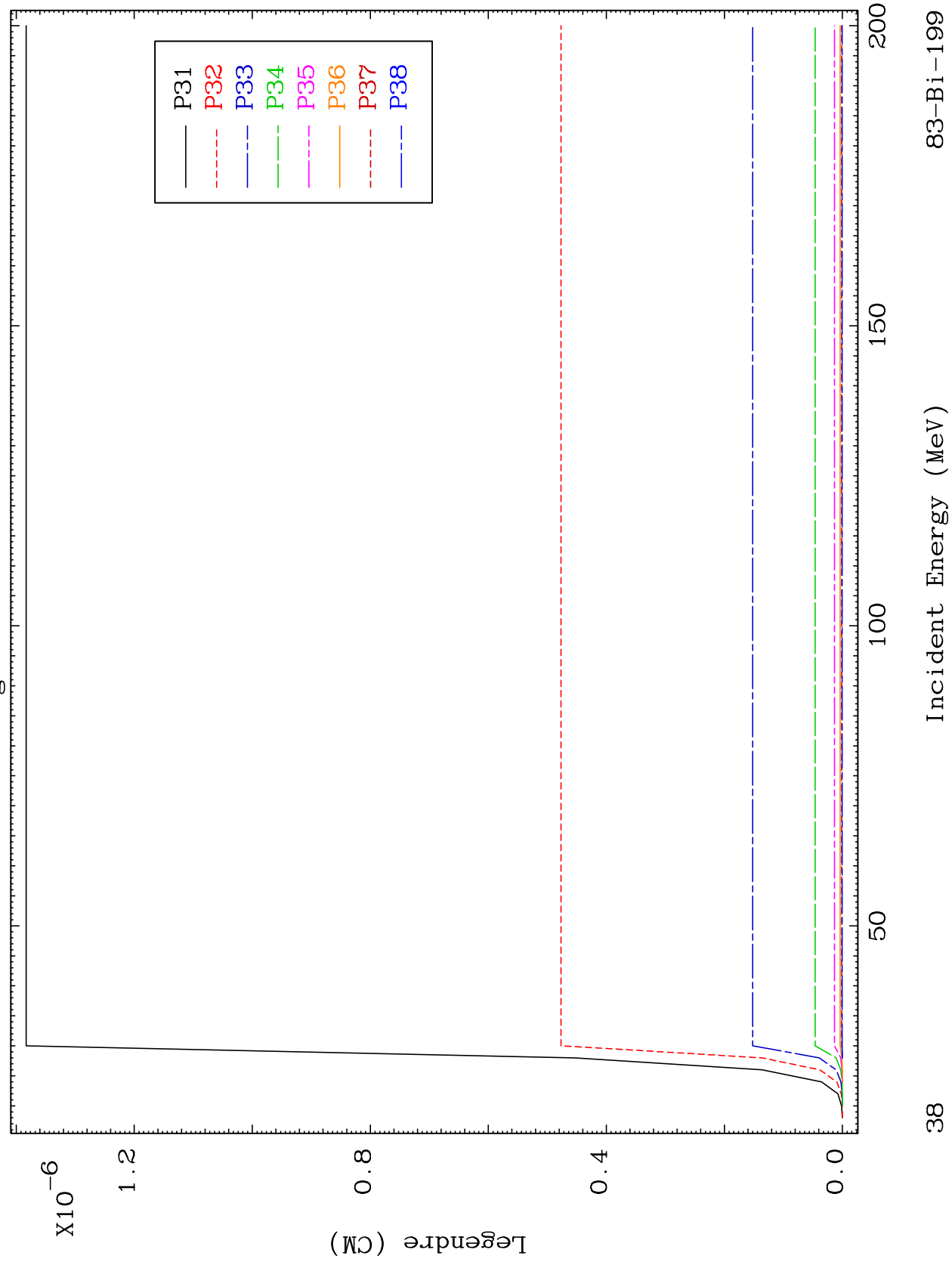




MAT 8295

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

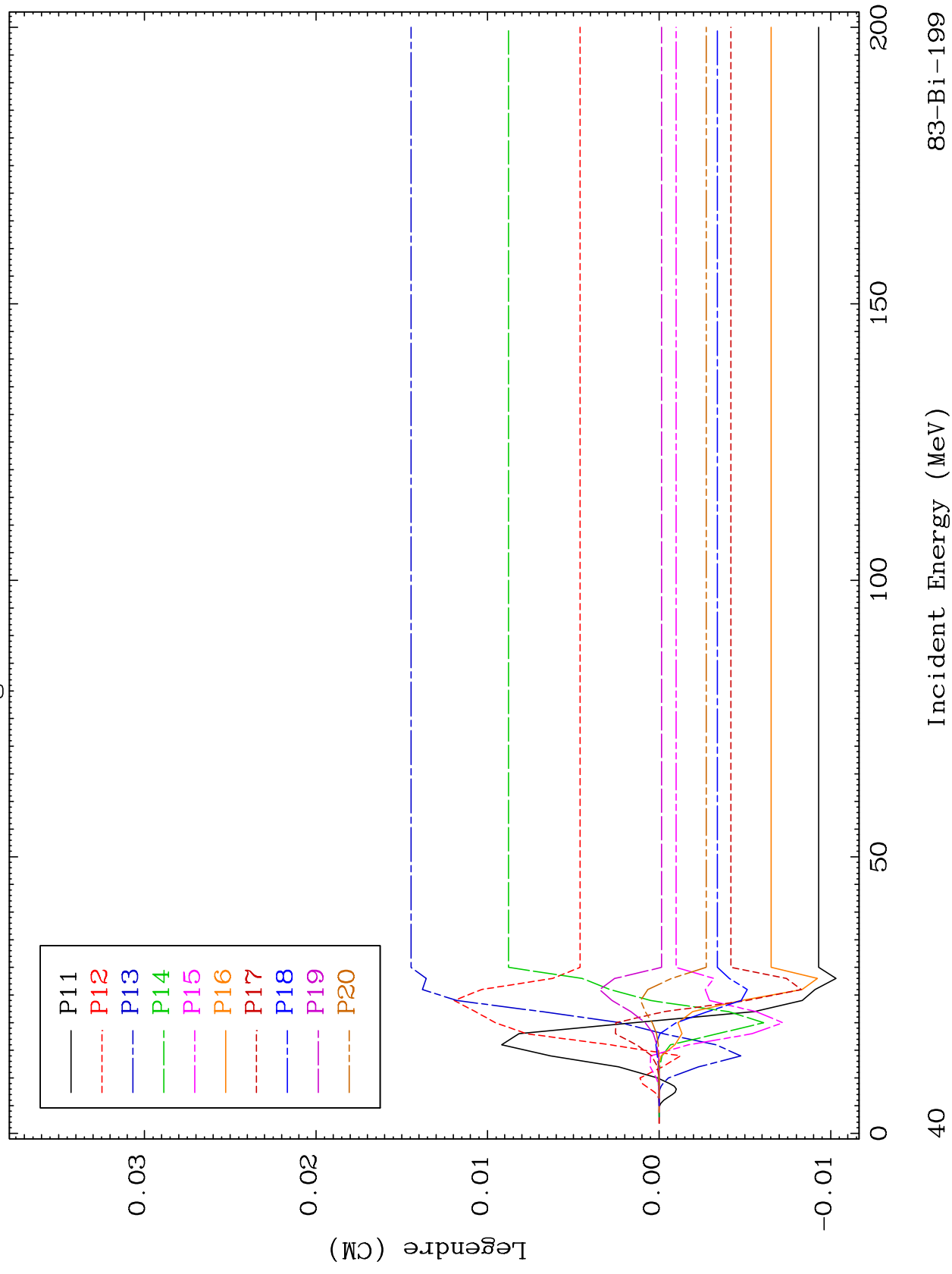
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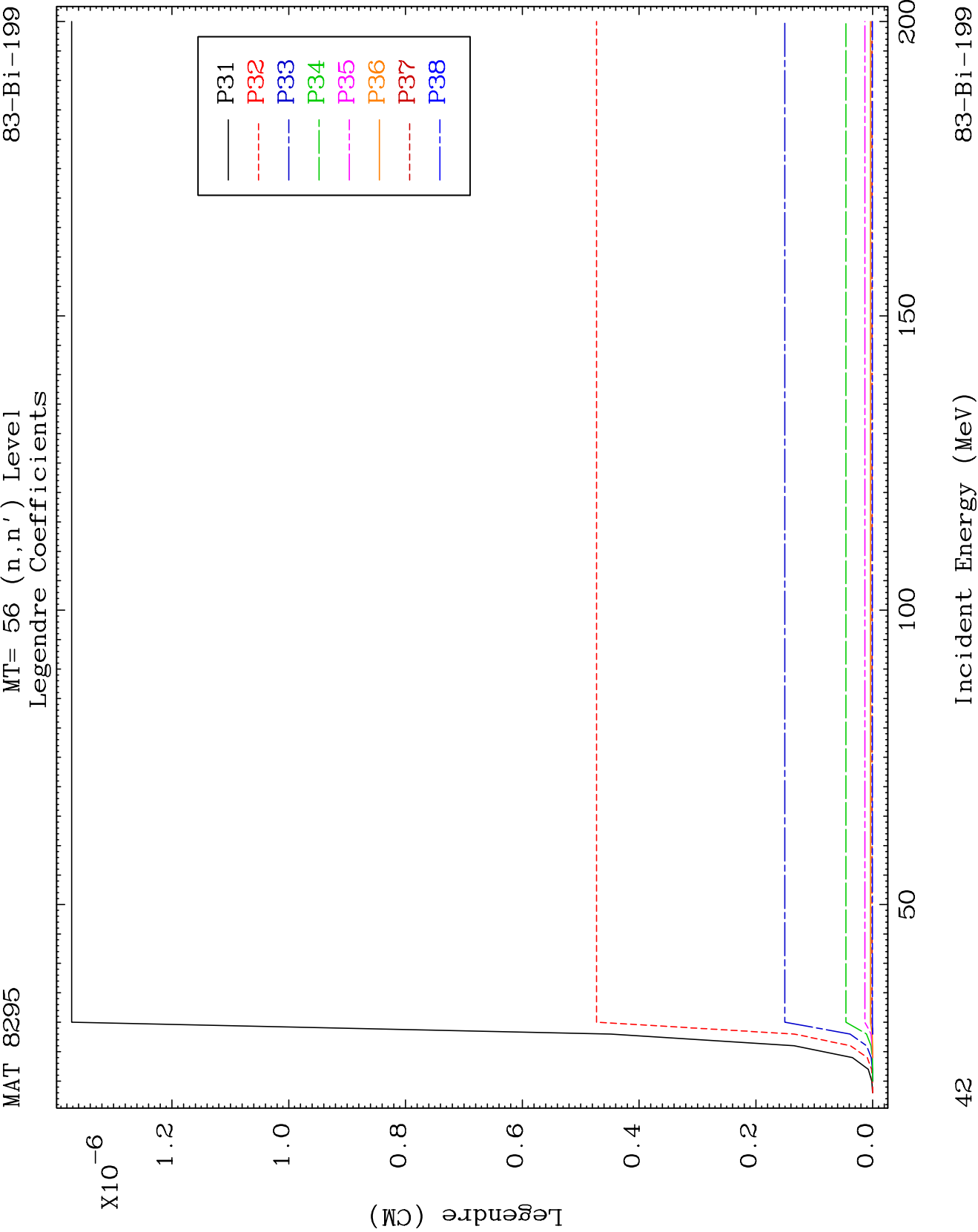


MAT 8295

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

83-Bi-199

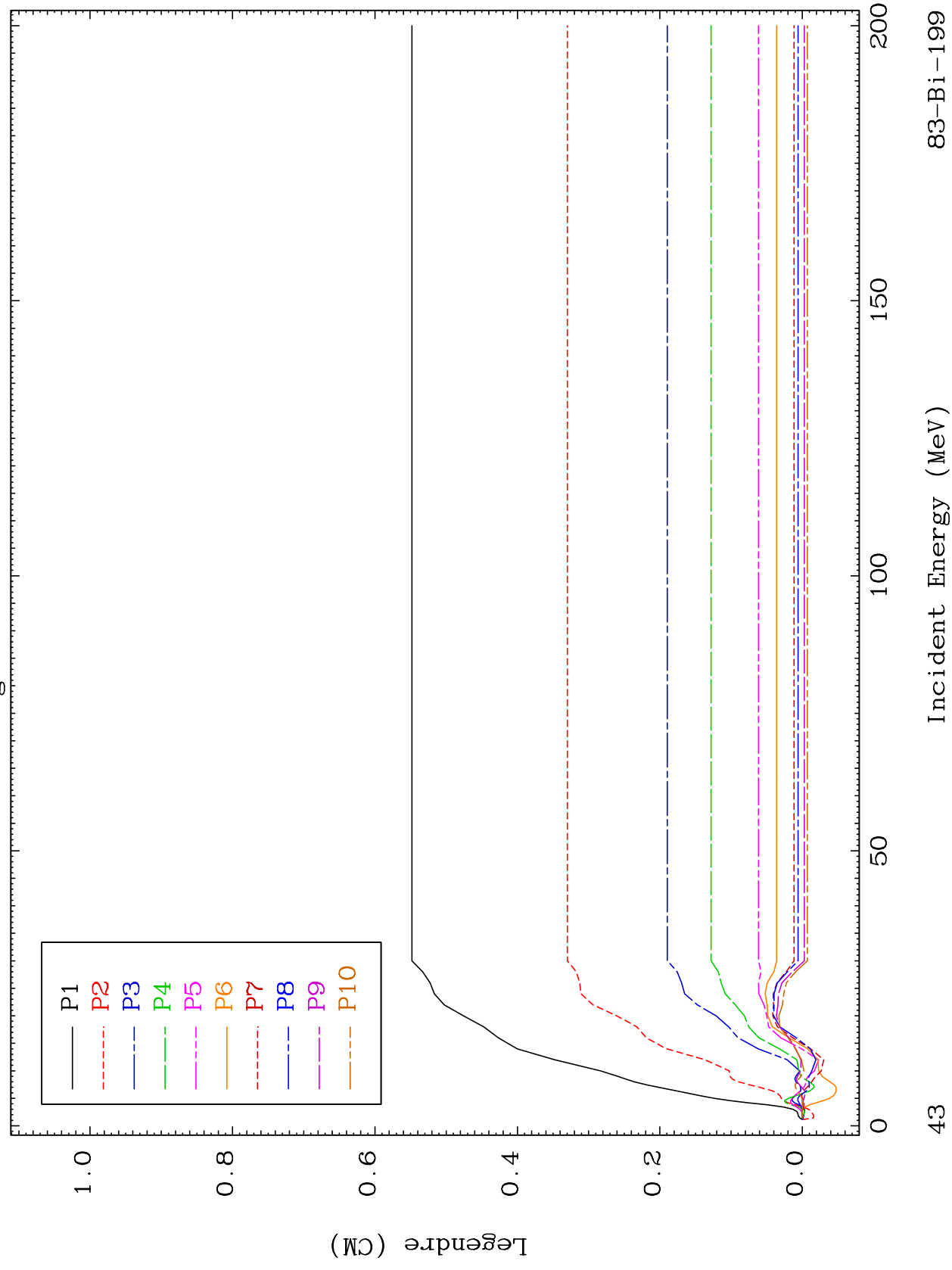




MAT 8295

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

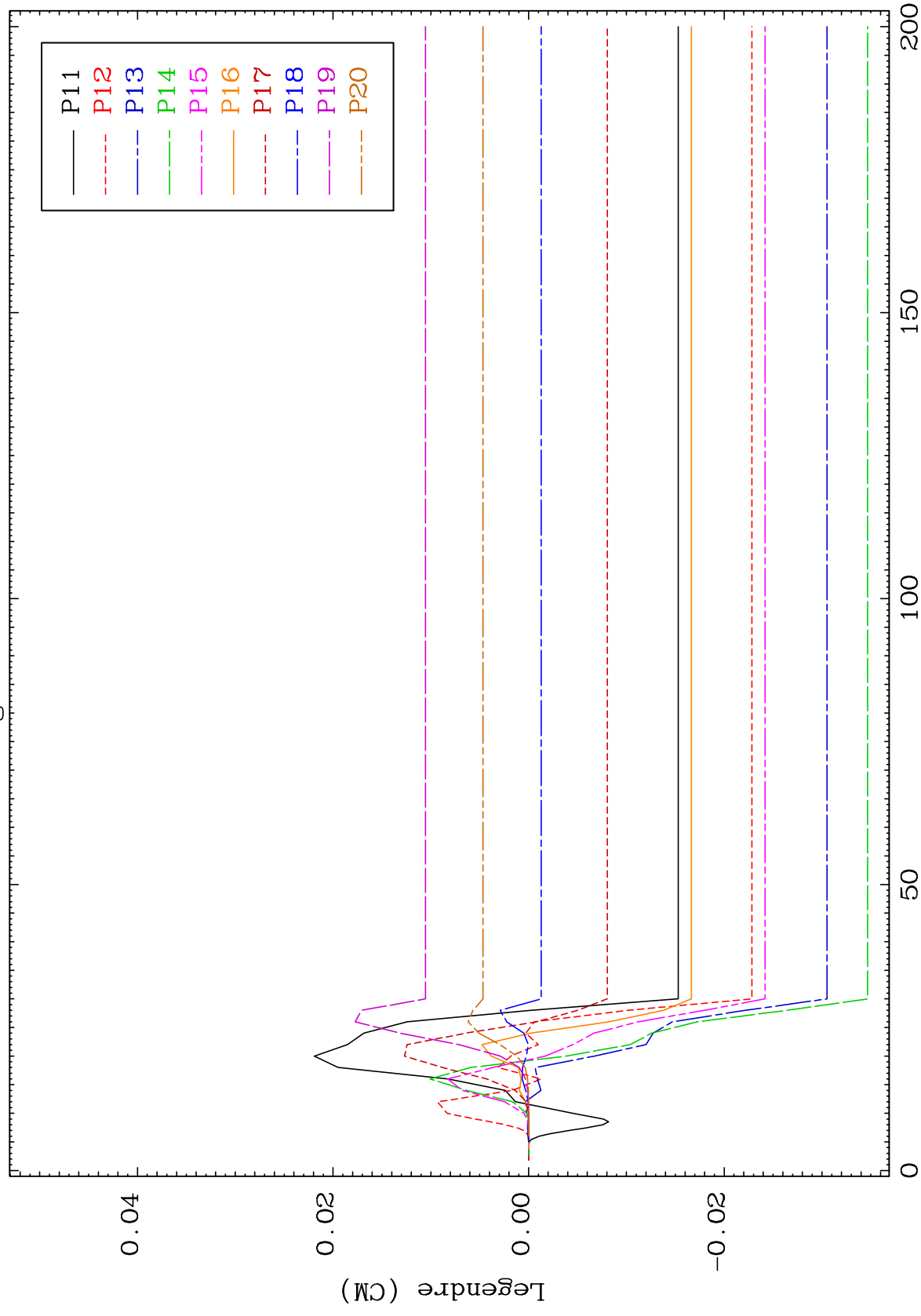
83-Bi-199



MAT 8295

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

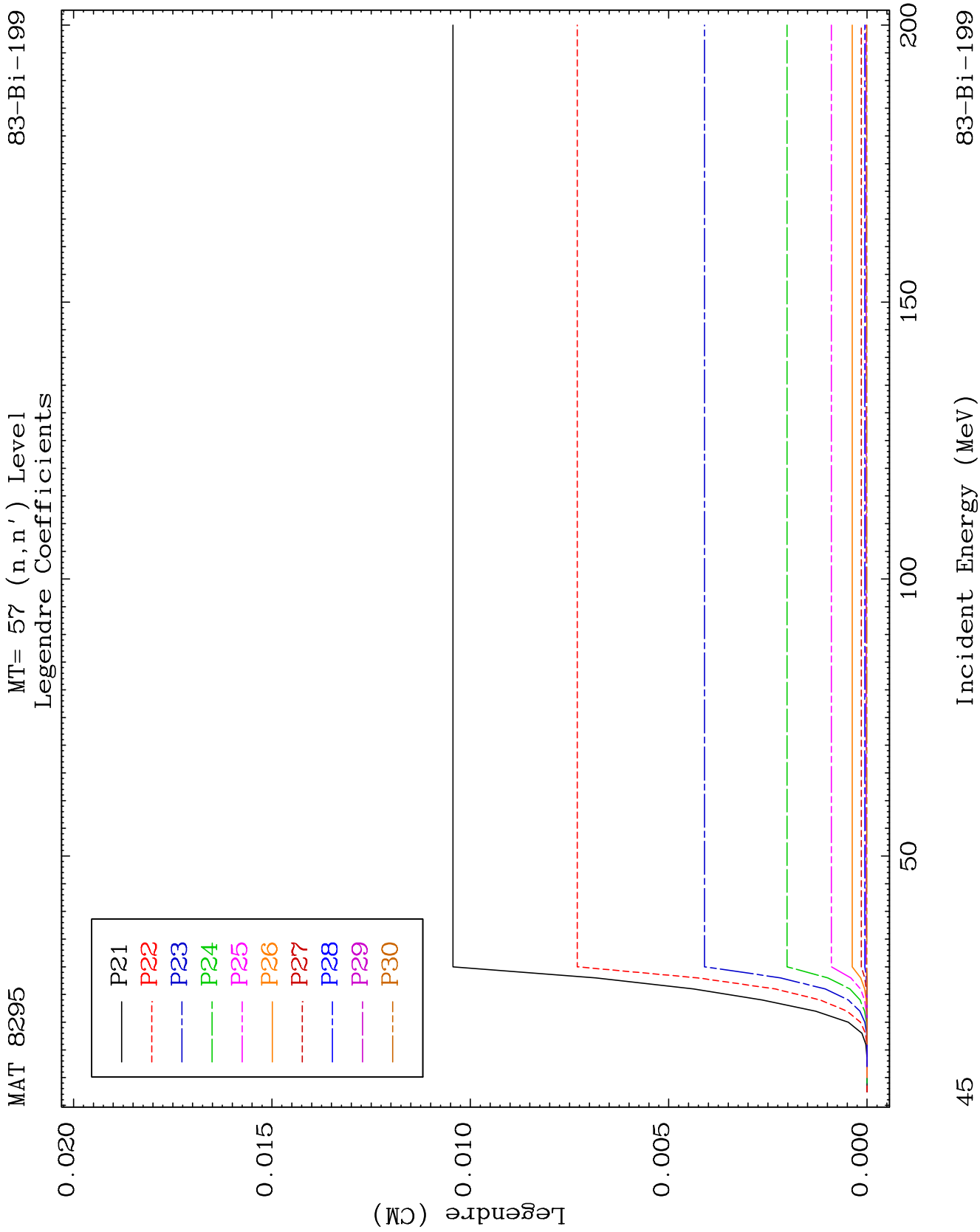
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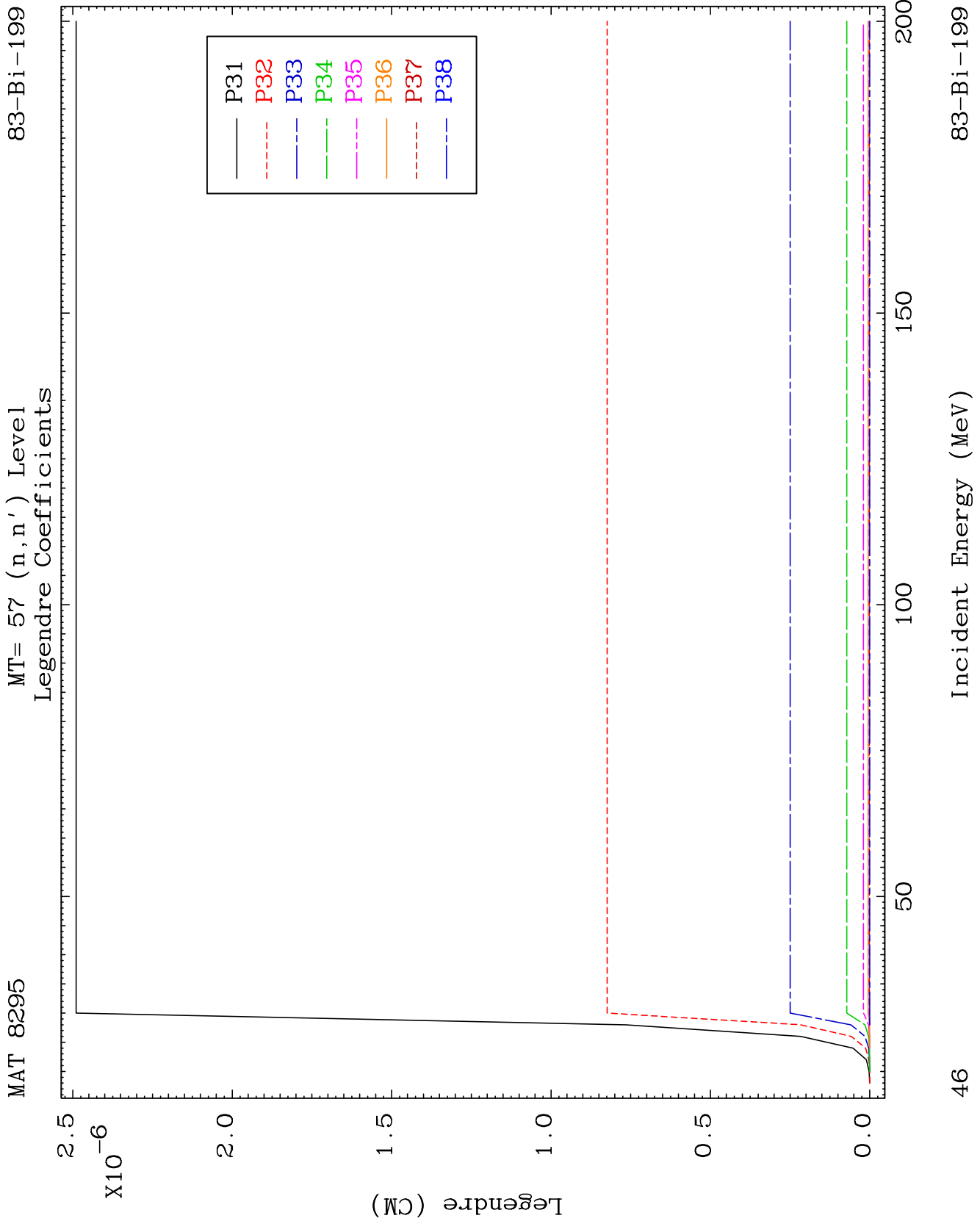


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Incident Energy (MeV)

83-Bi-199

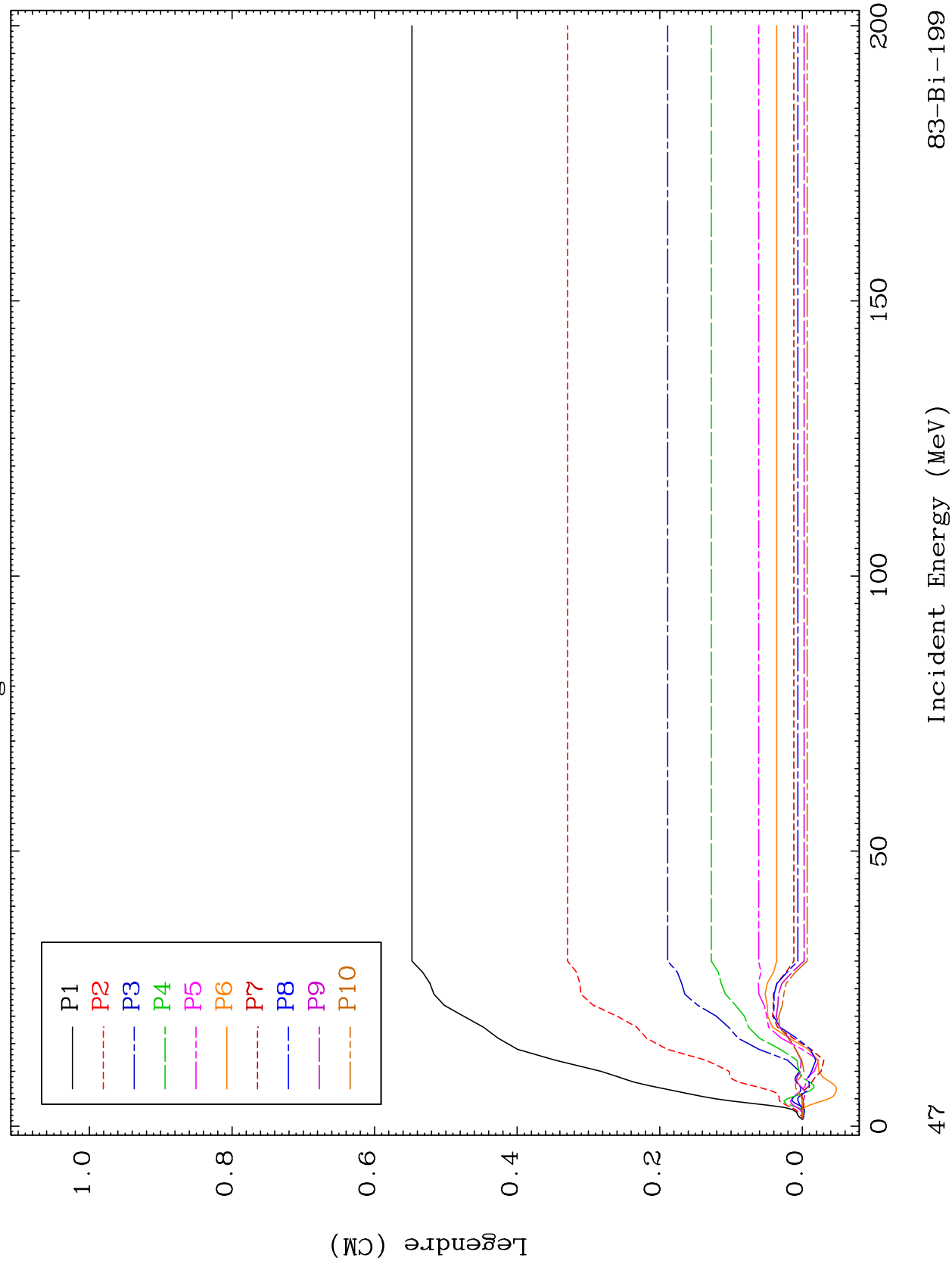


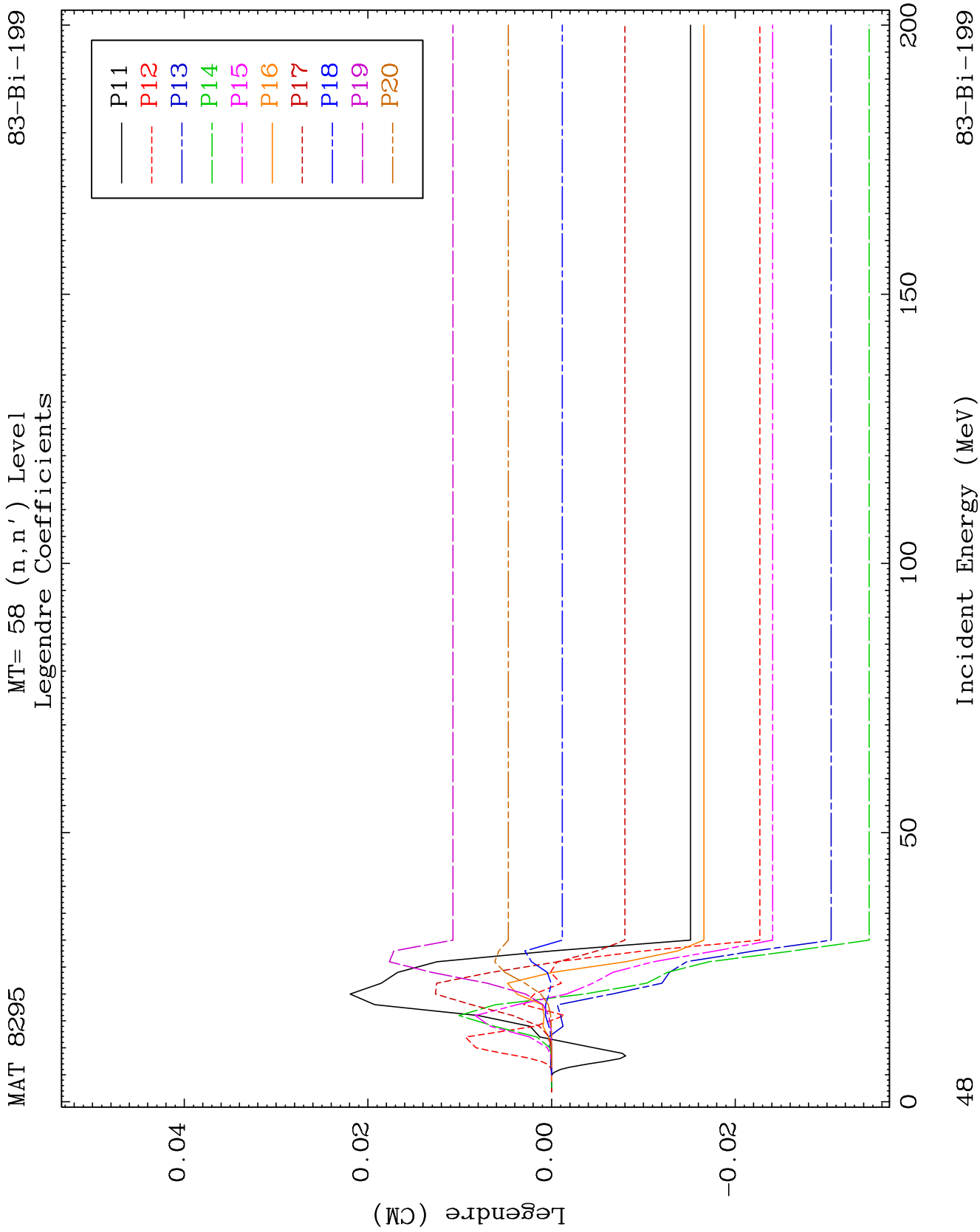


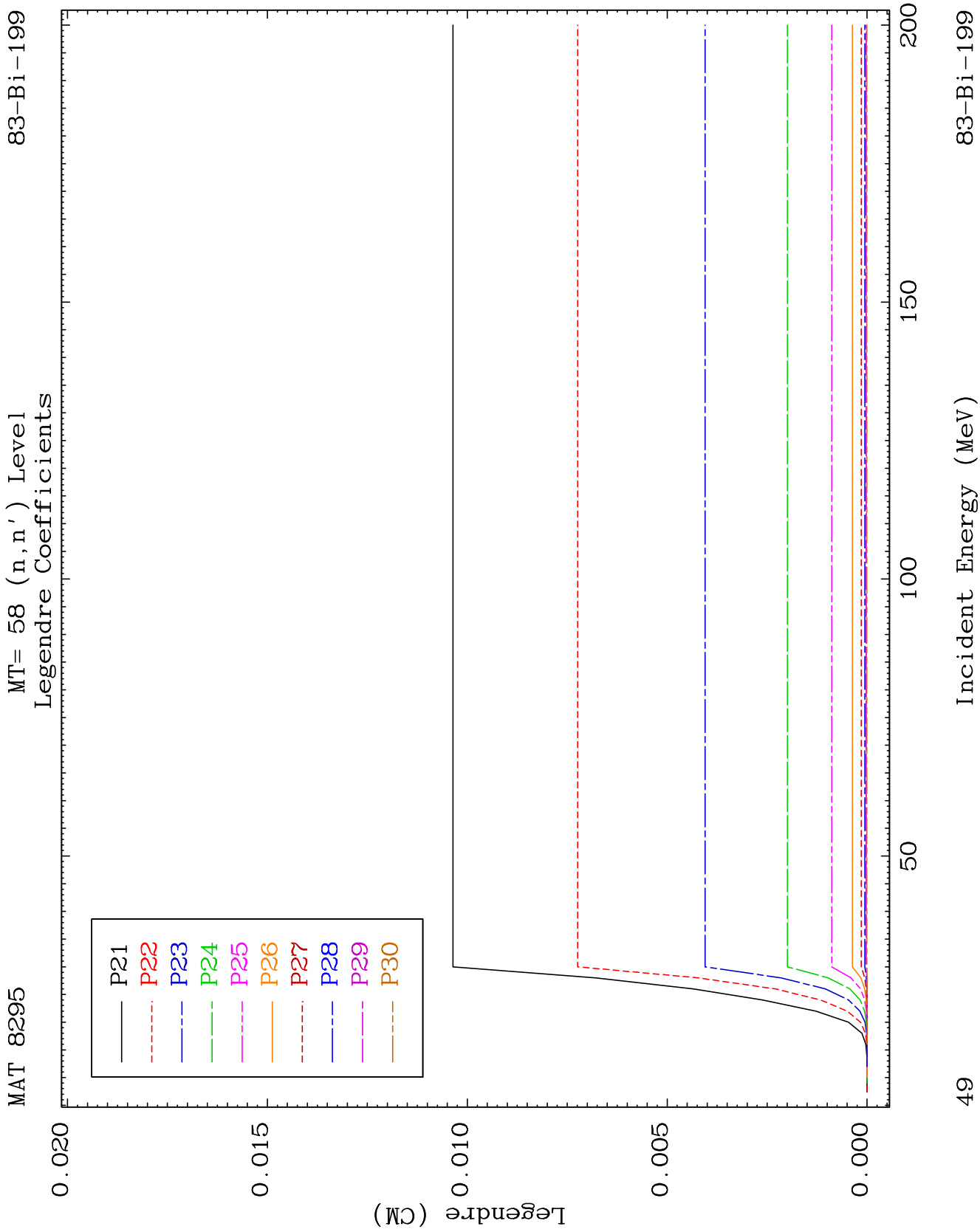
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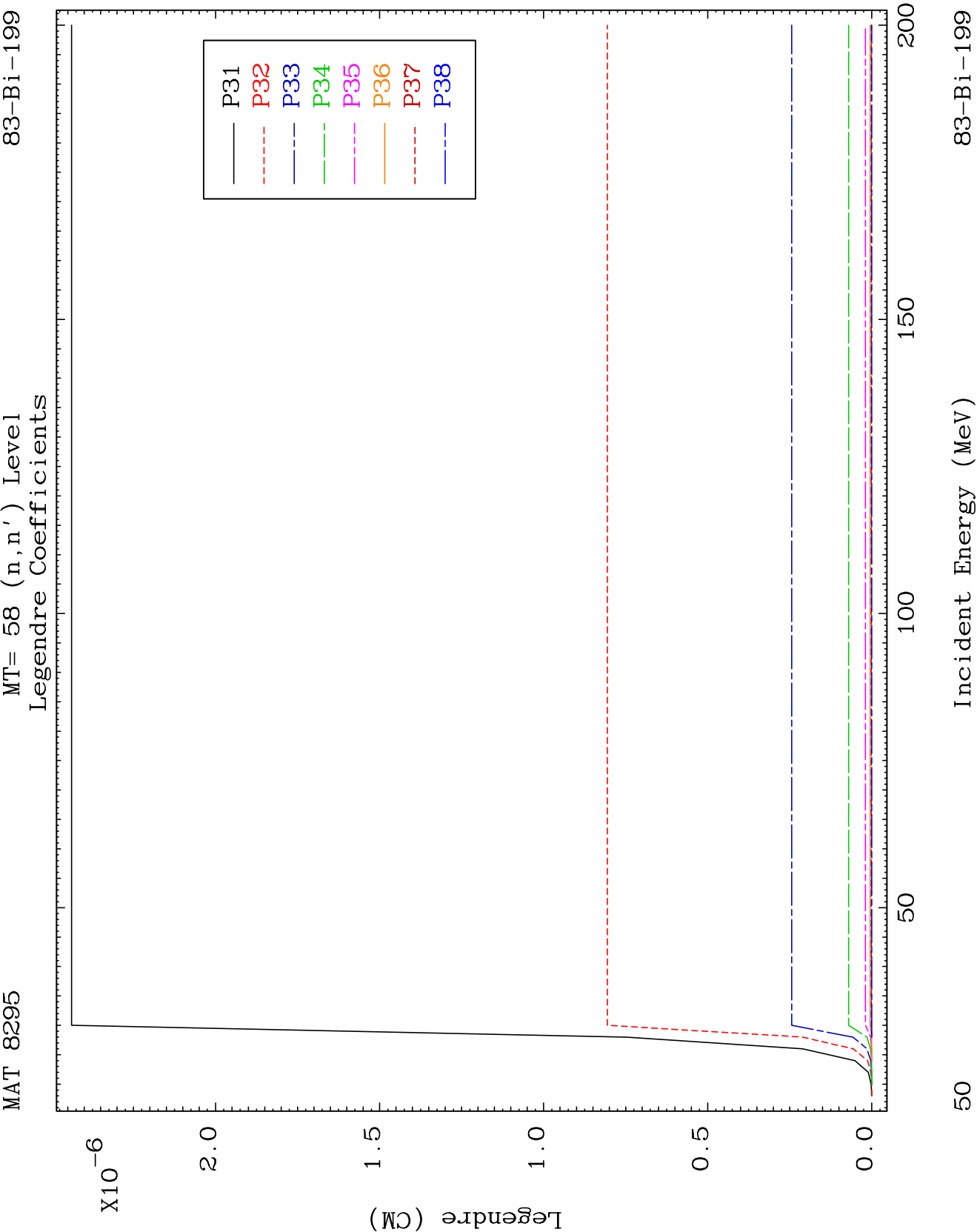
MT= 58 (n, n') Level
Legendre Coefficients

83-Bi-199





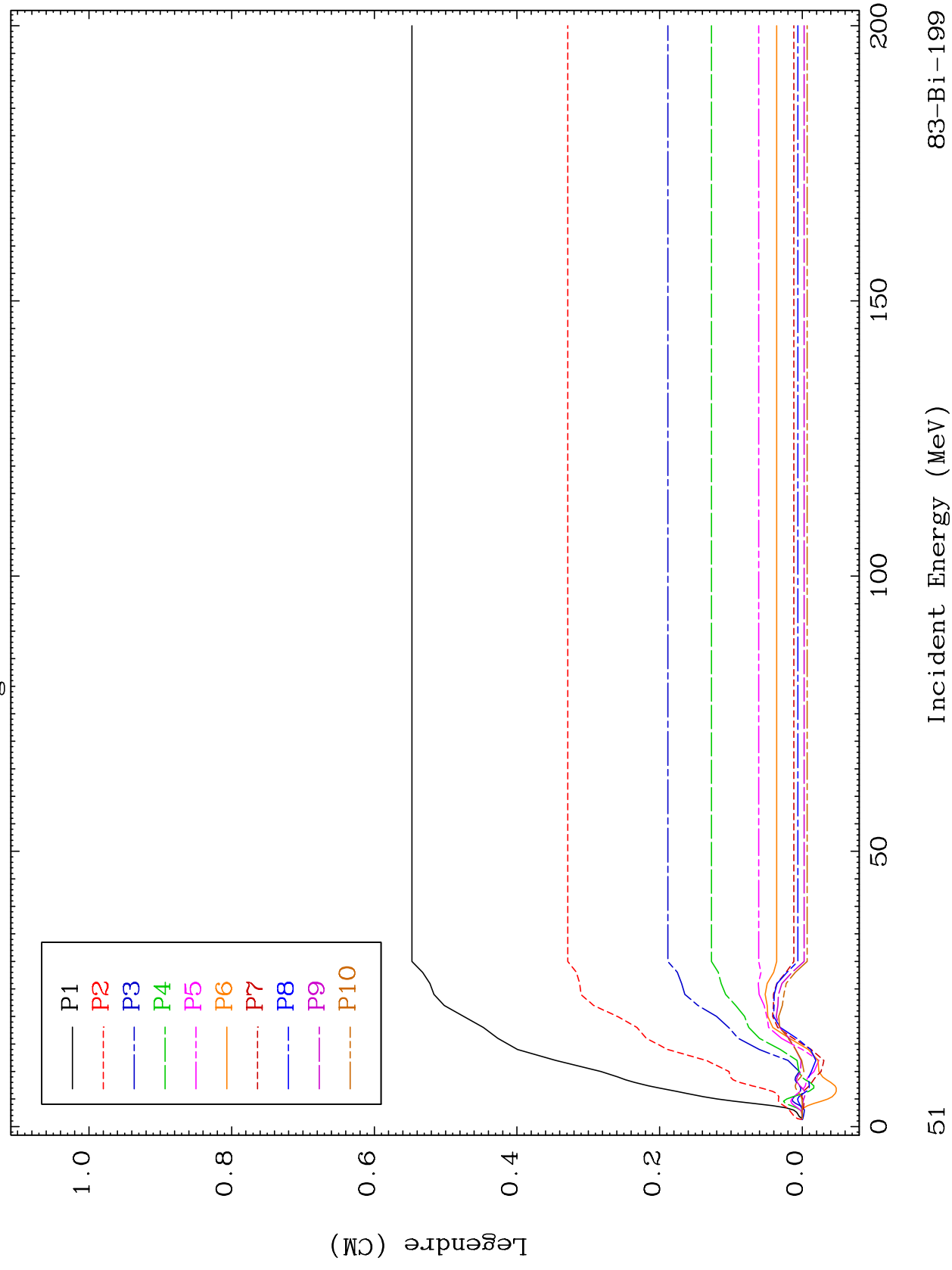




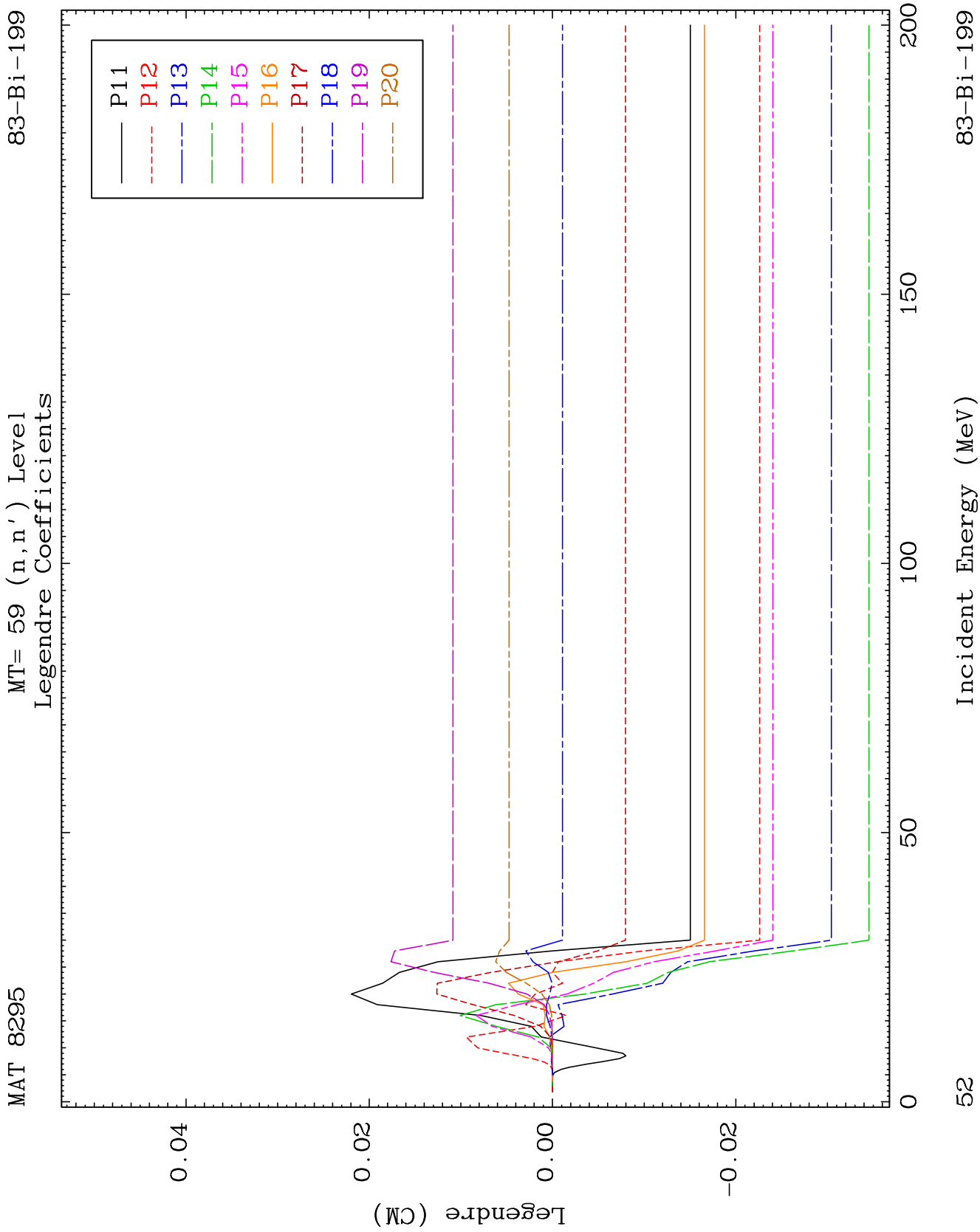
MAT 8295

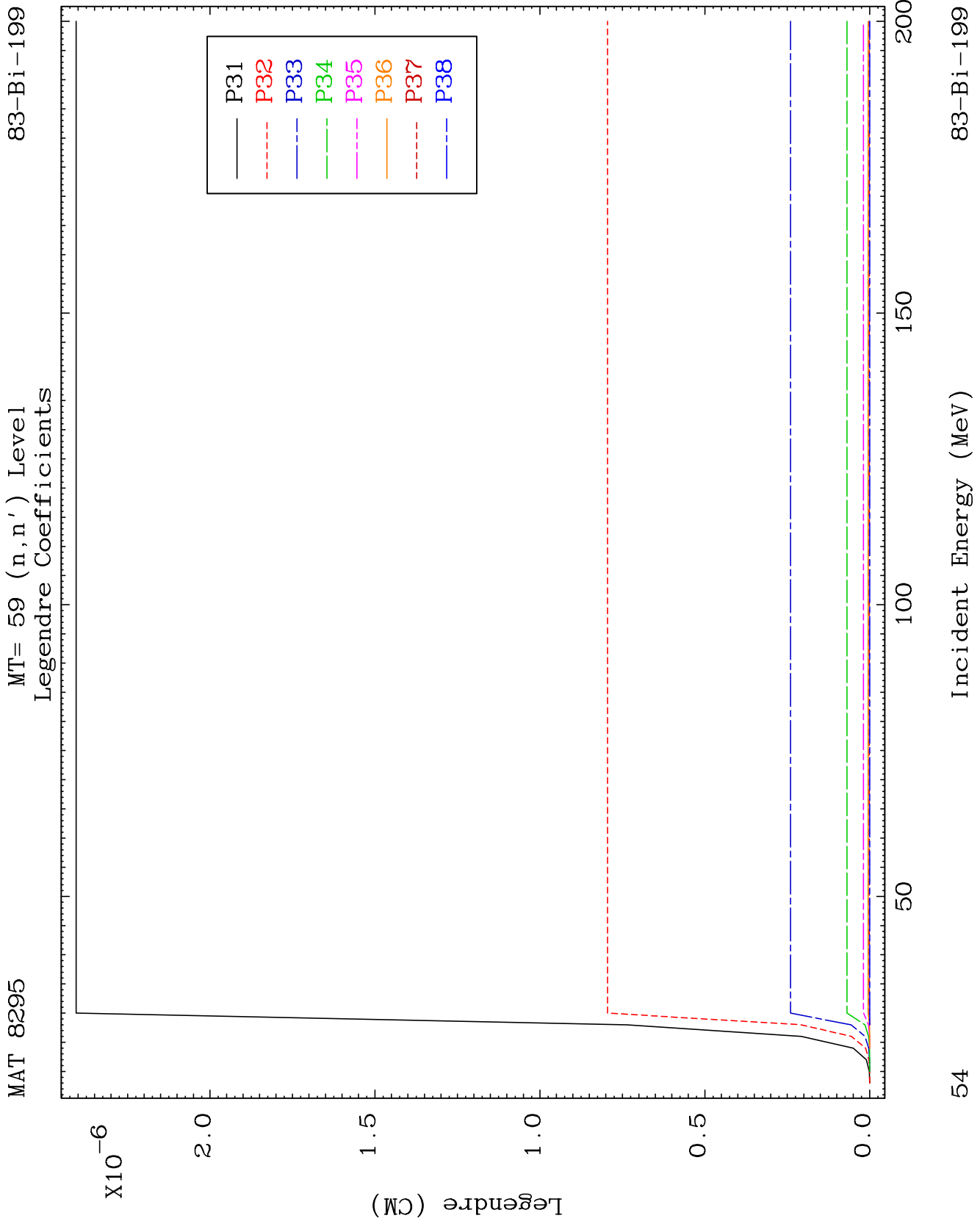
MT= 59 (n, n') Level
Legendre Coefficients

83-Bi-199



83-Bi-199

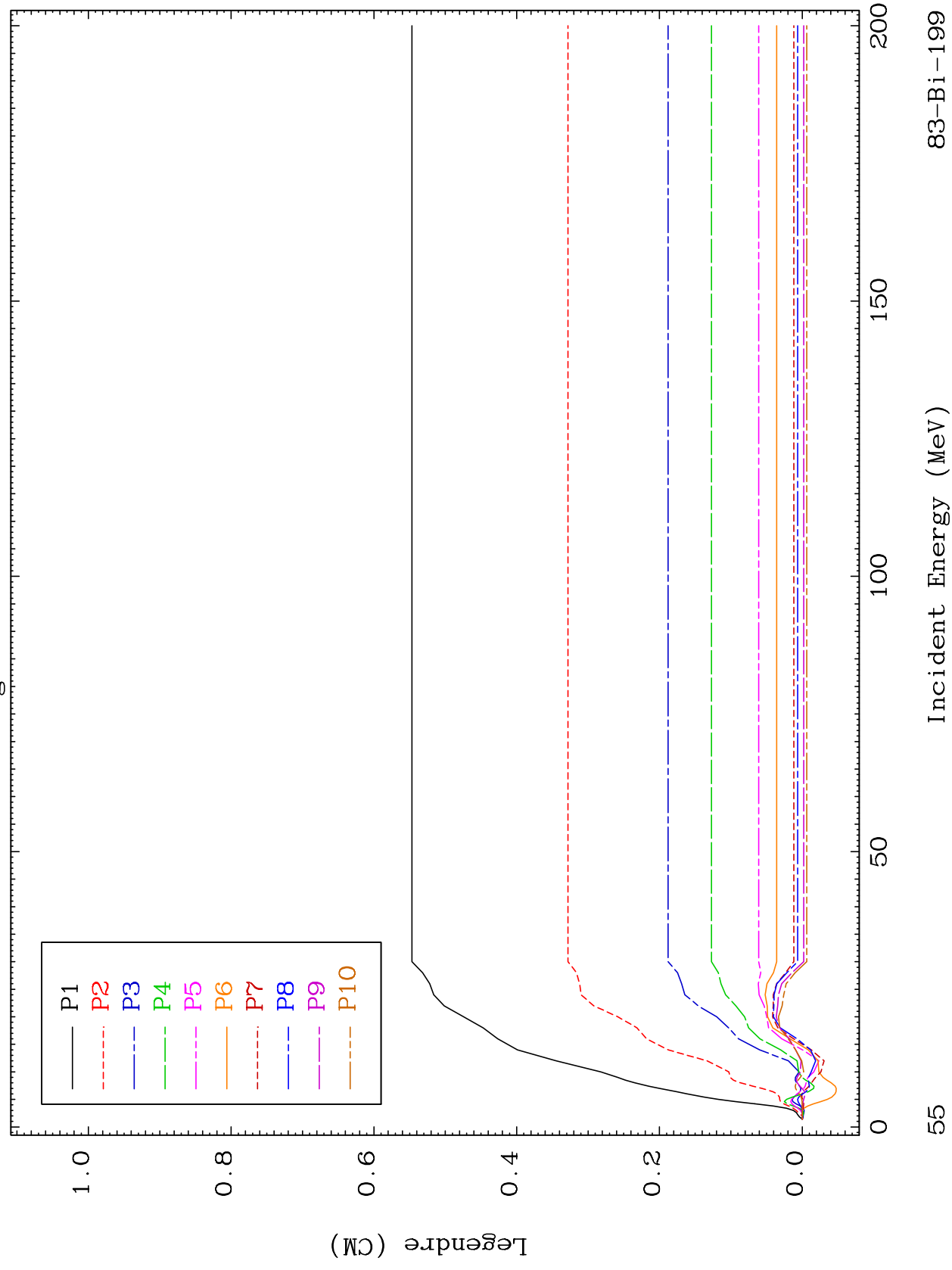


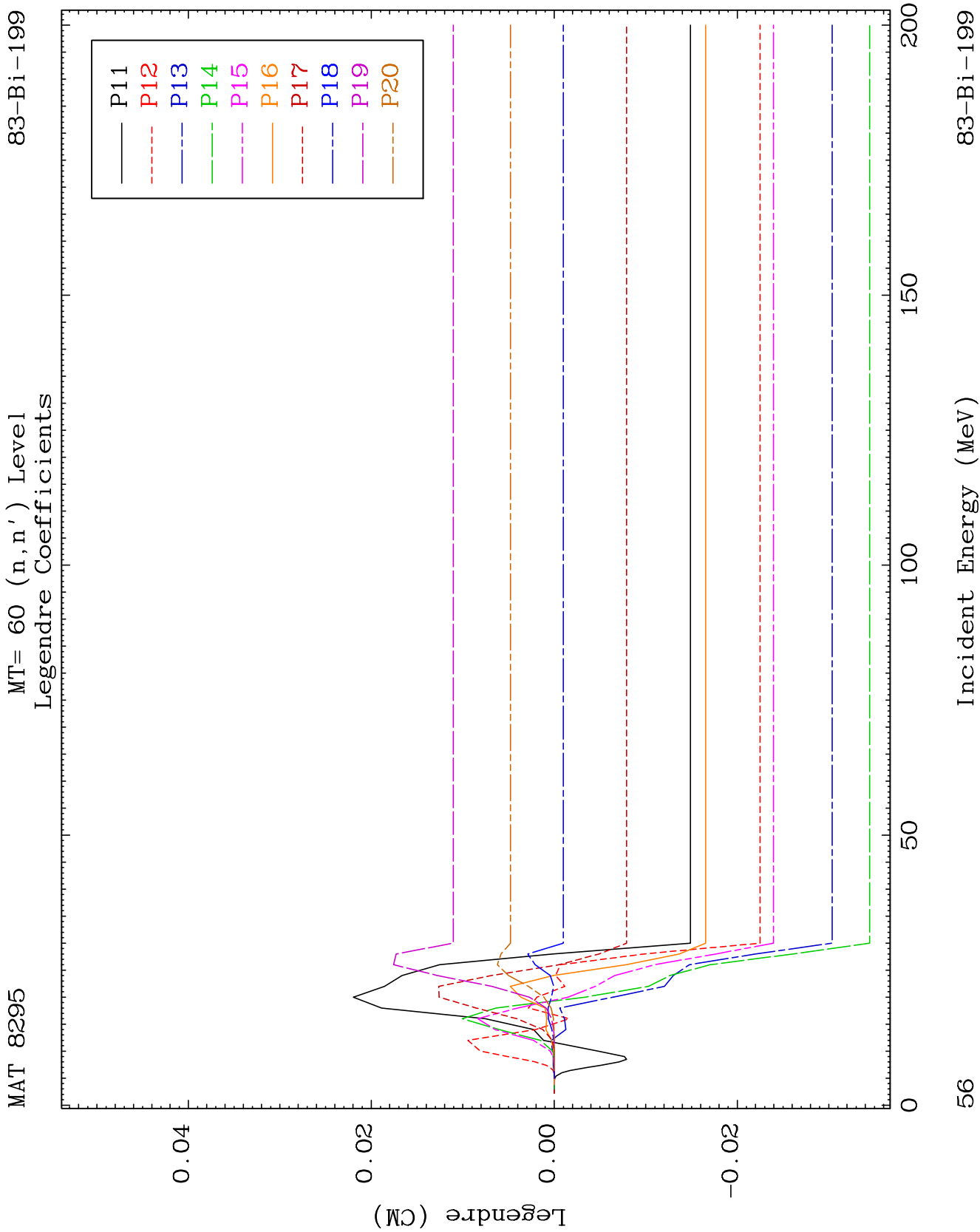


MAT 8295

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

83-Bi-199

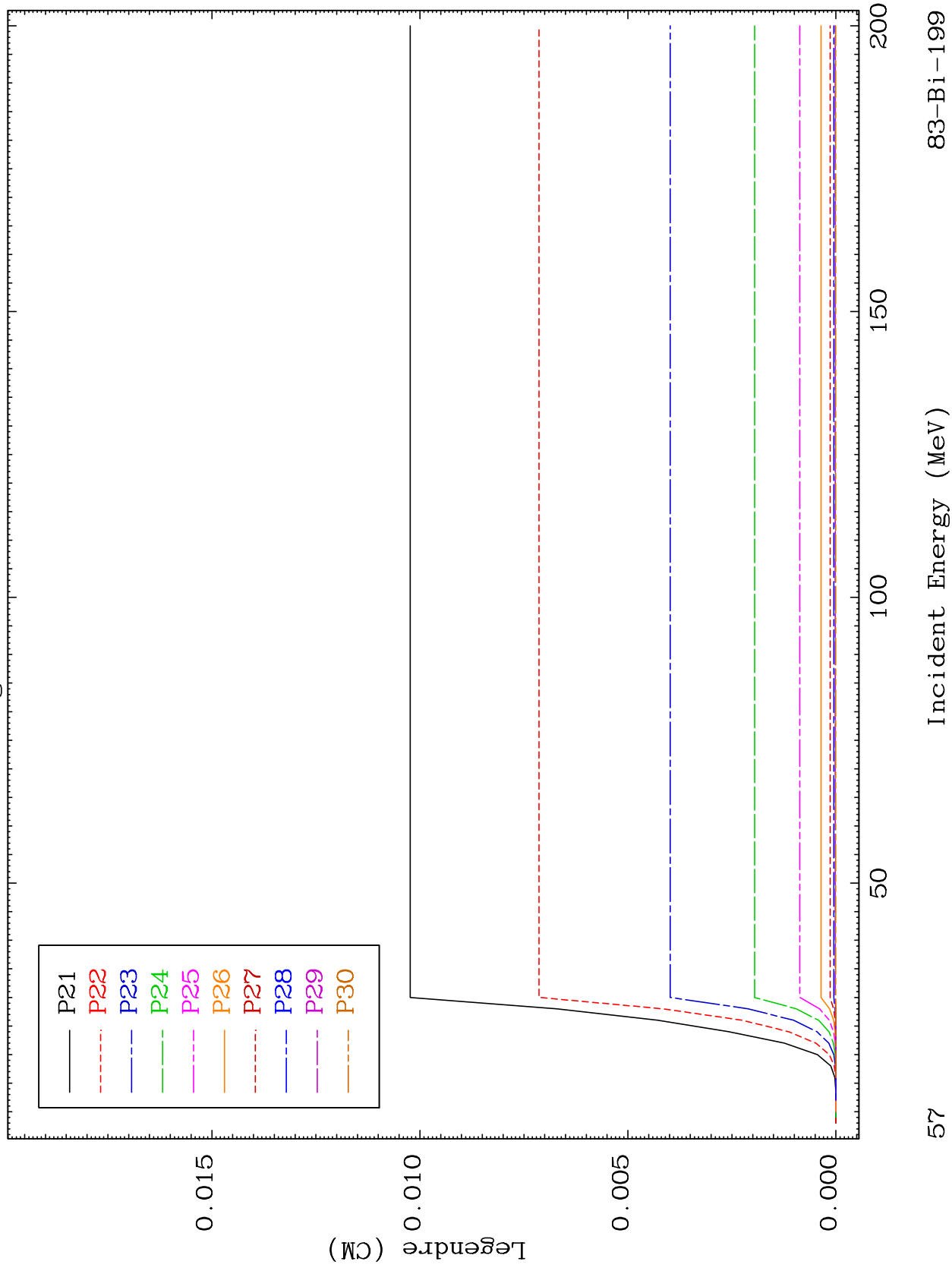




MAT 8295

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

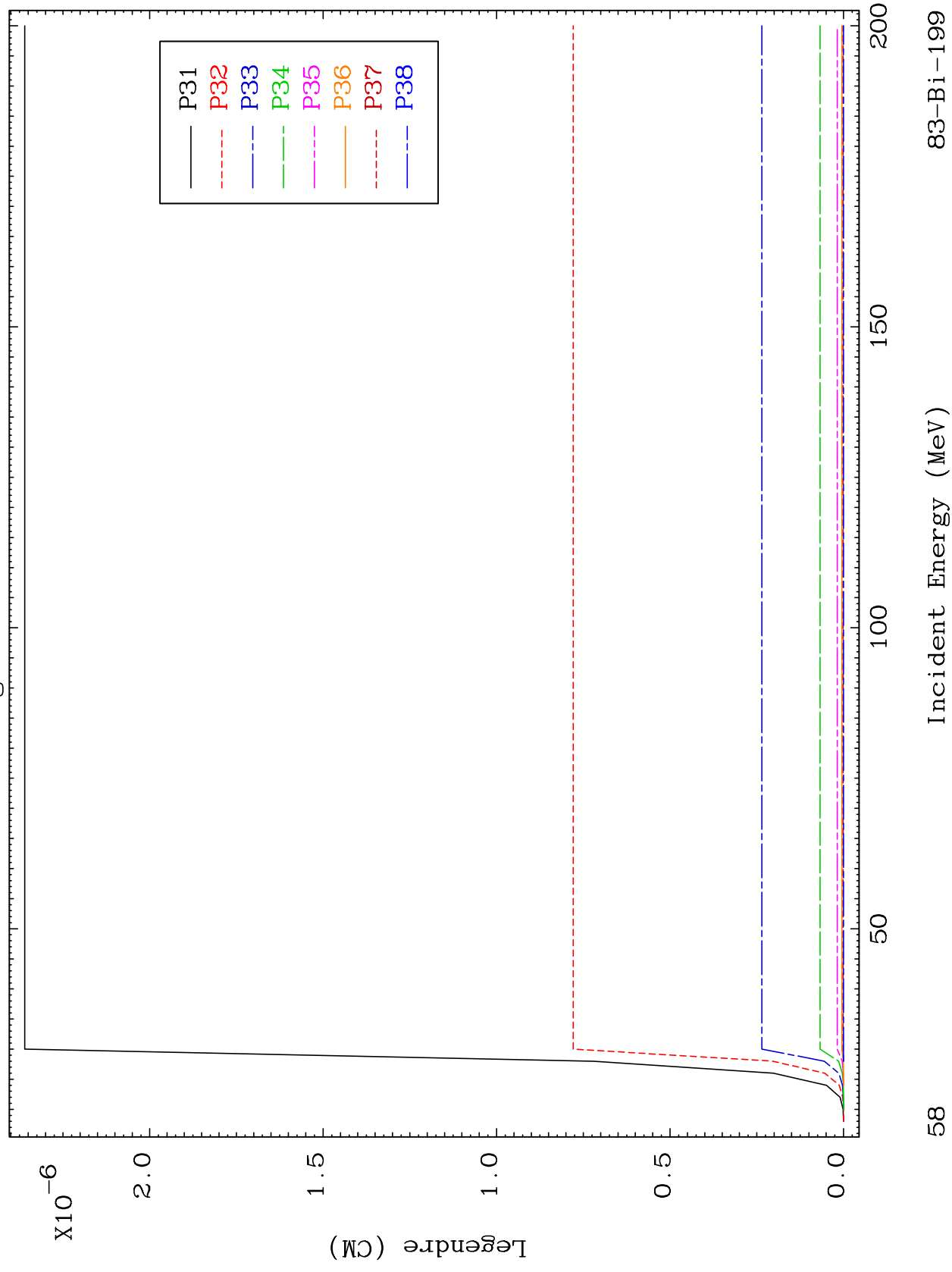
83-Bi-199



MAT 8295

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

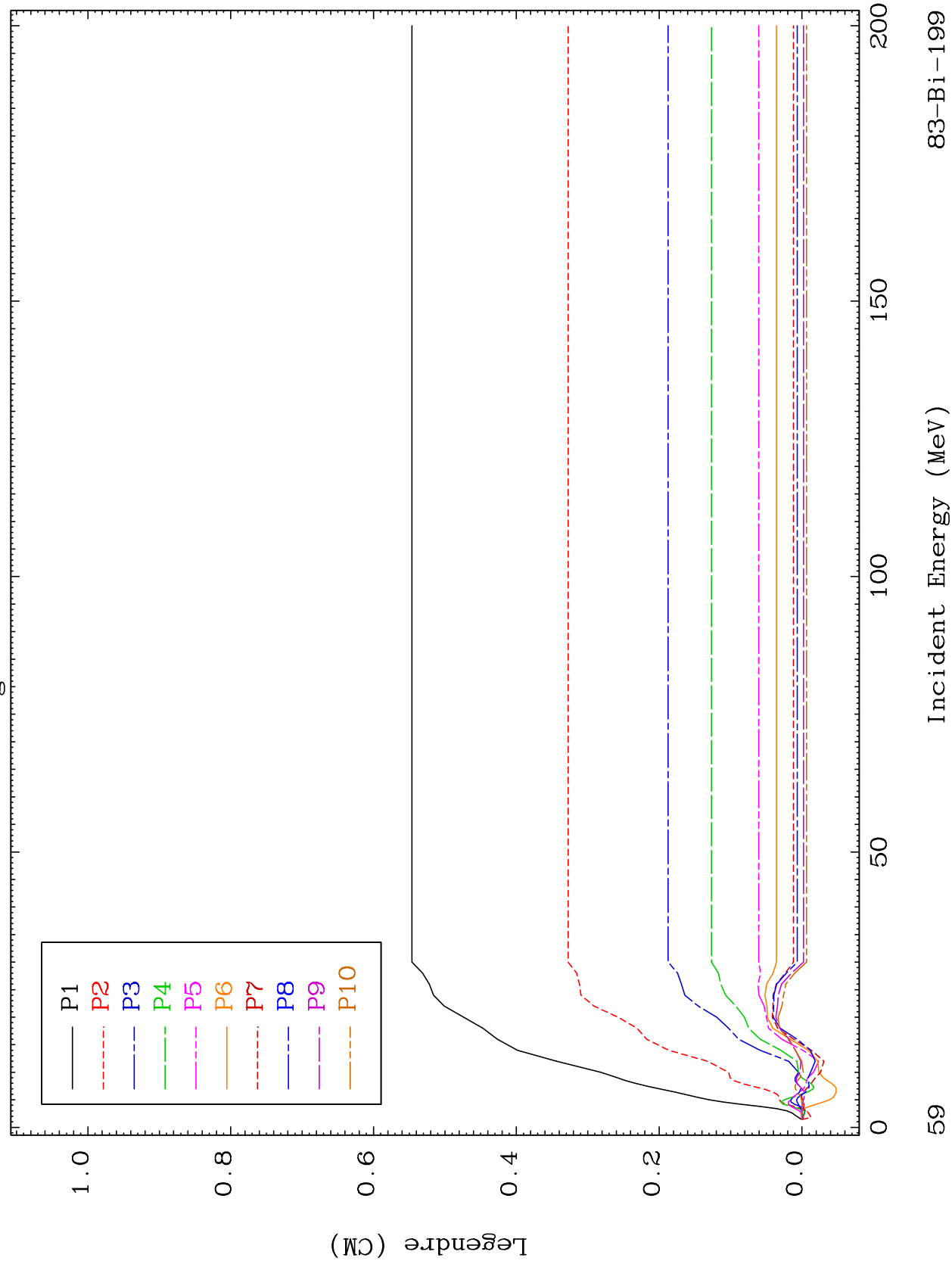
83-Bi-199



MAT 8295

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

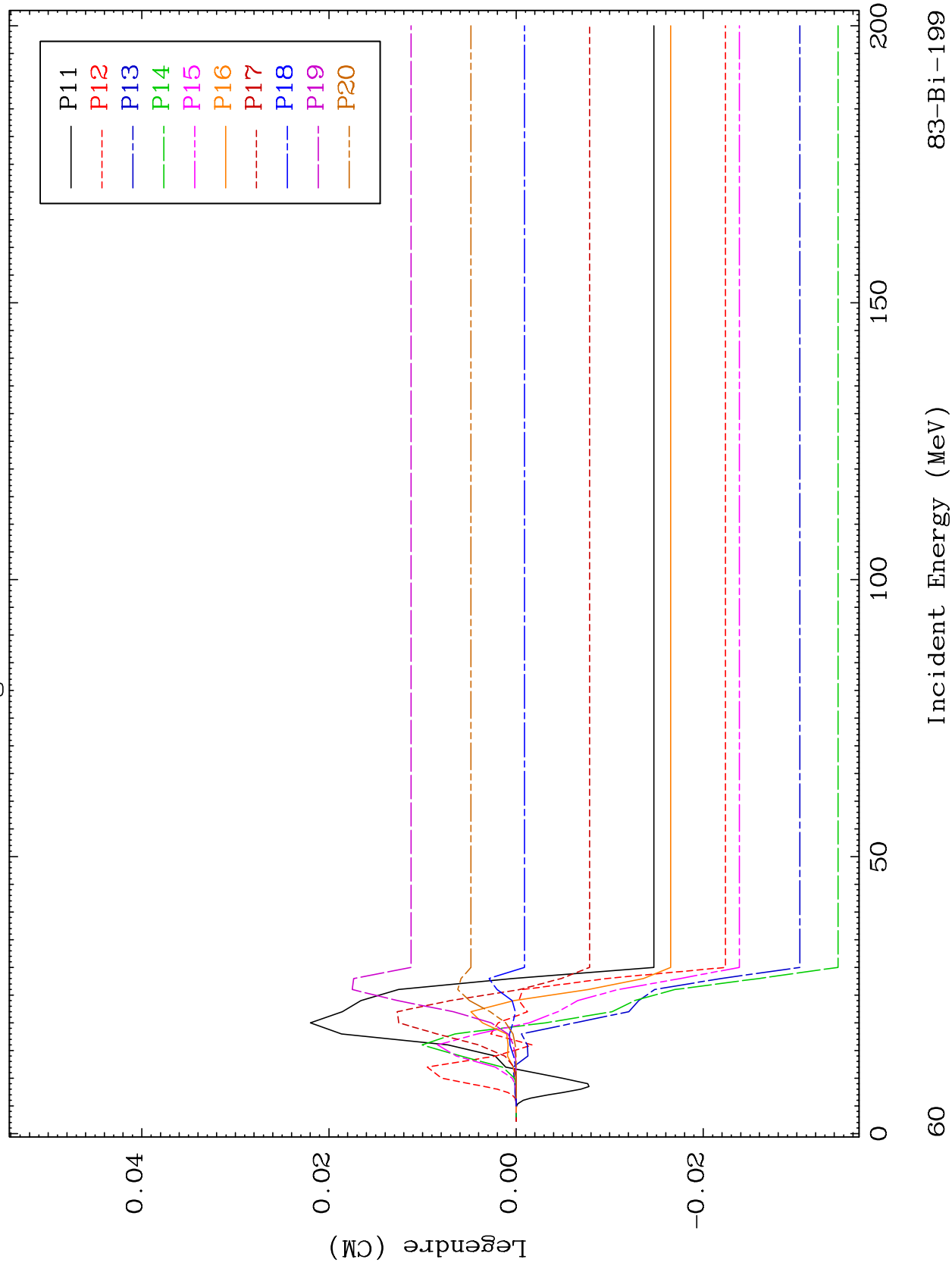
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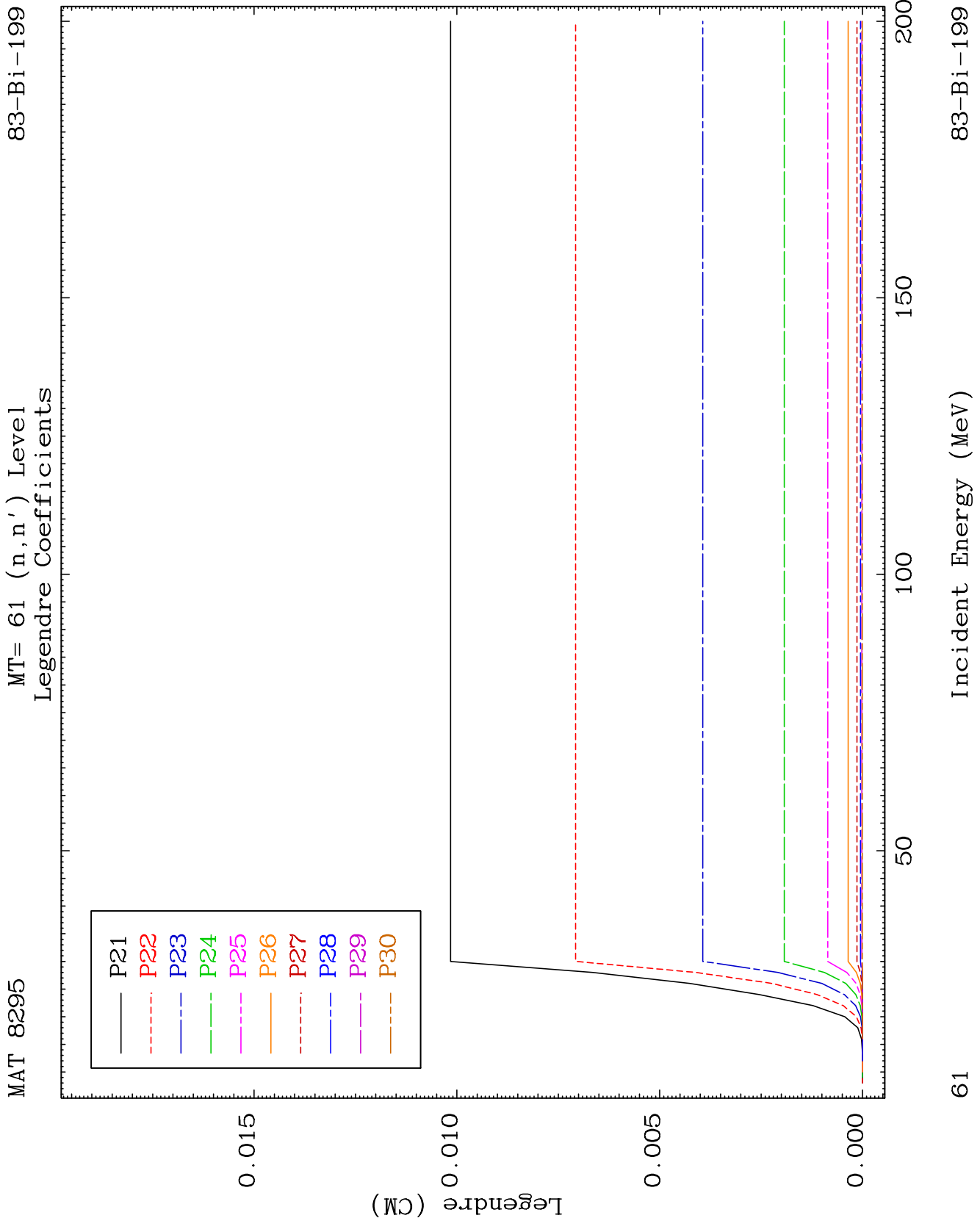


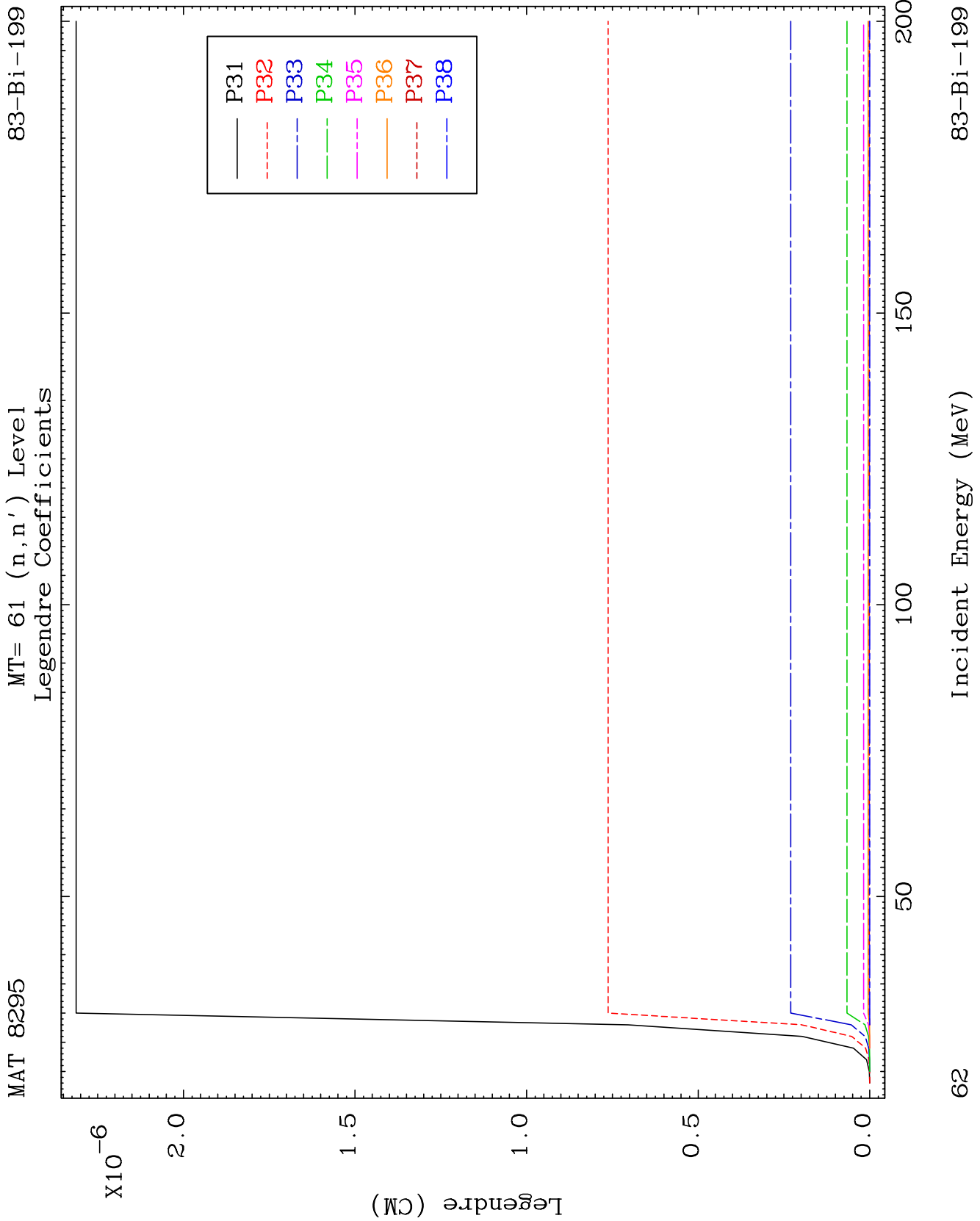
MAT 8295

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

83-Bi-199



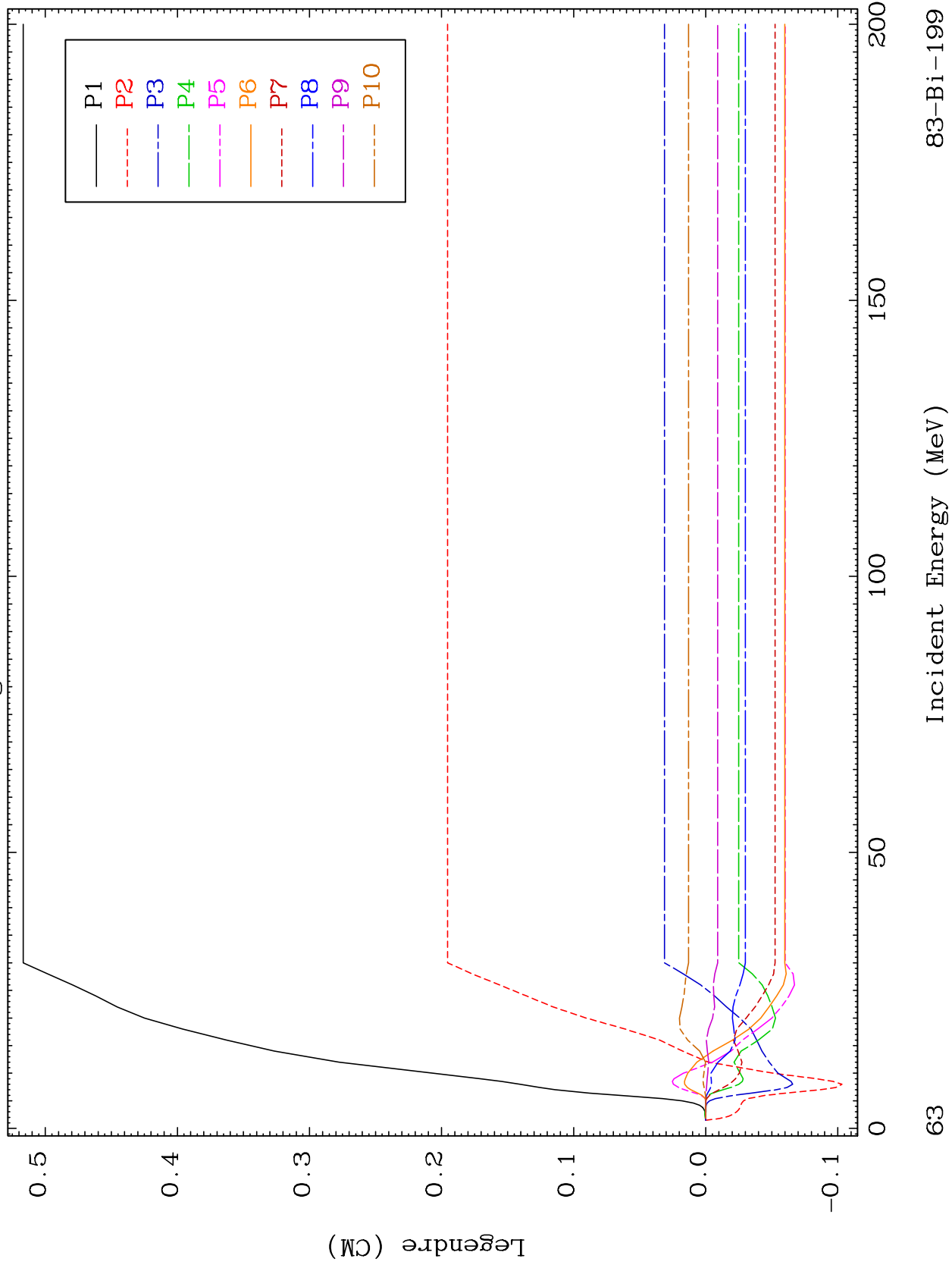


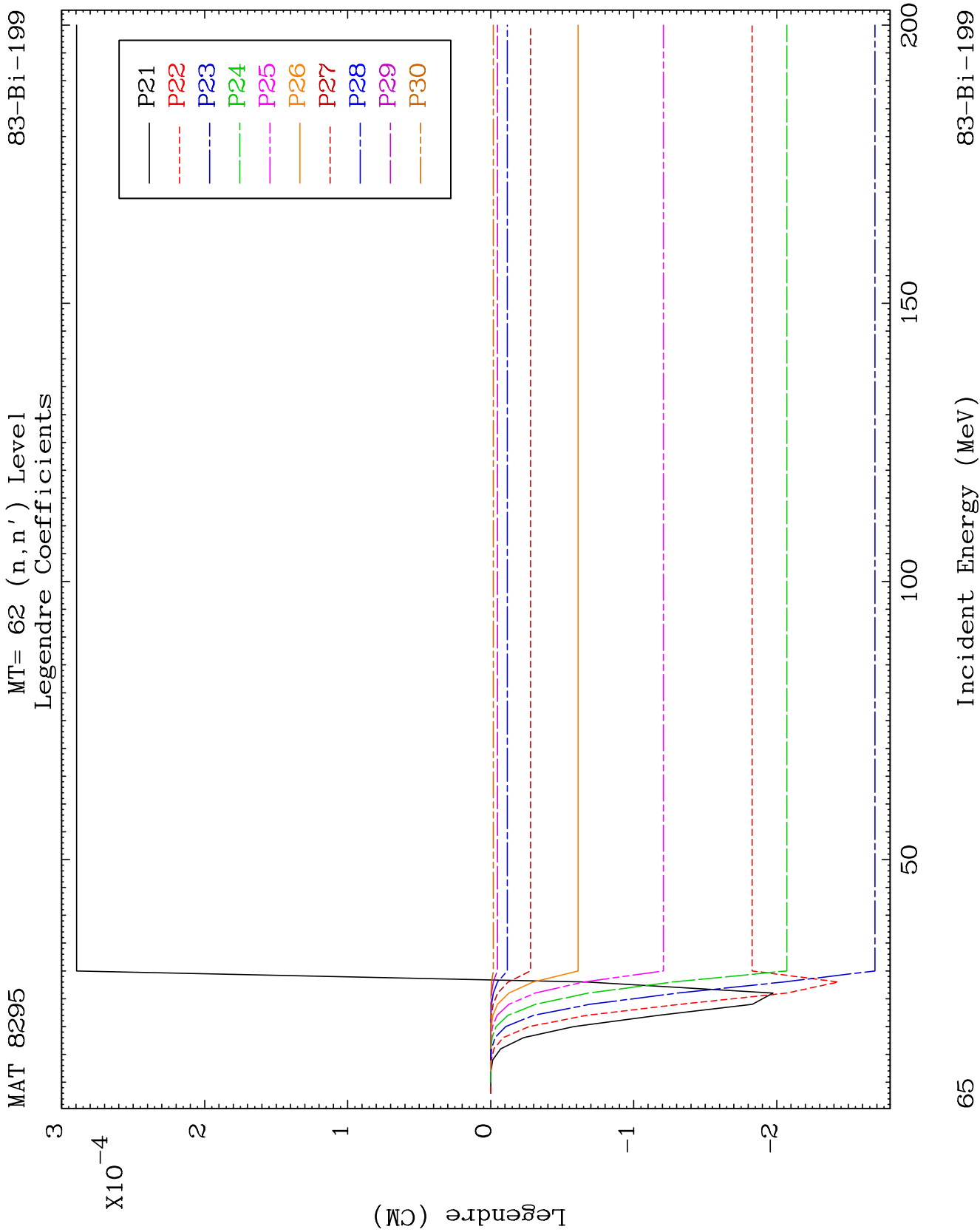


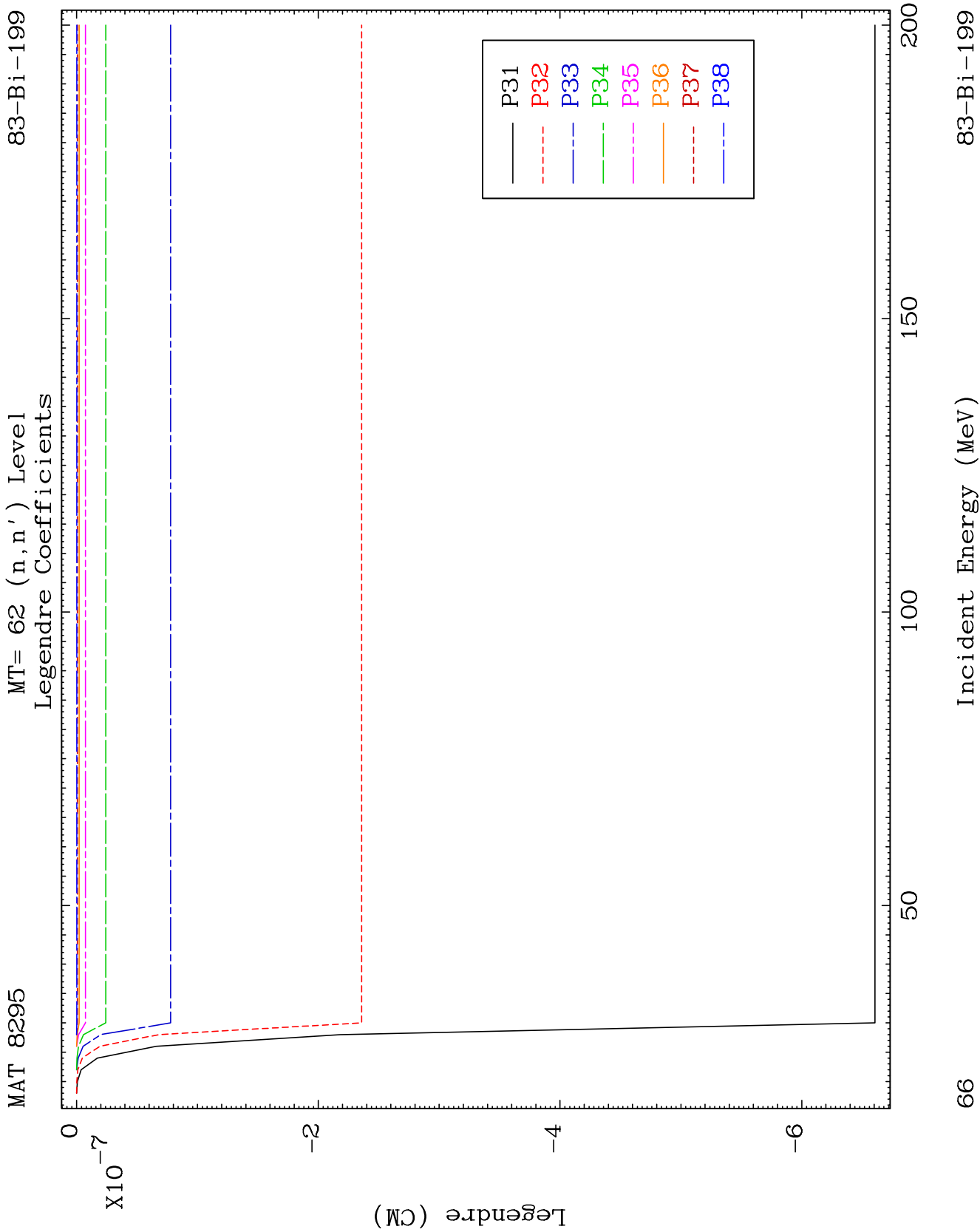
MAT 8295

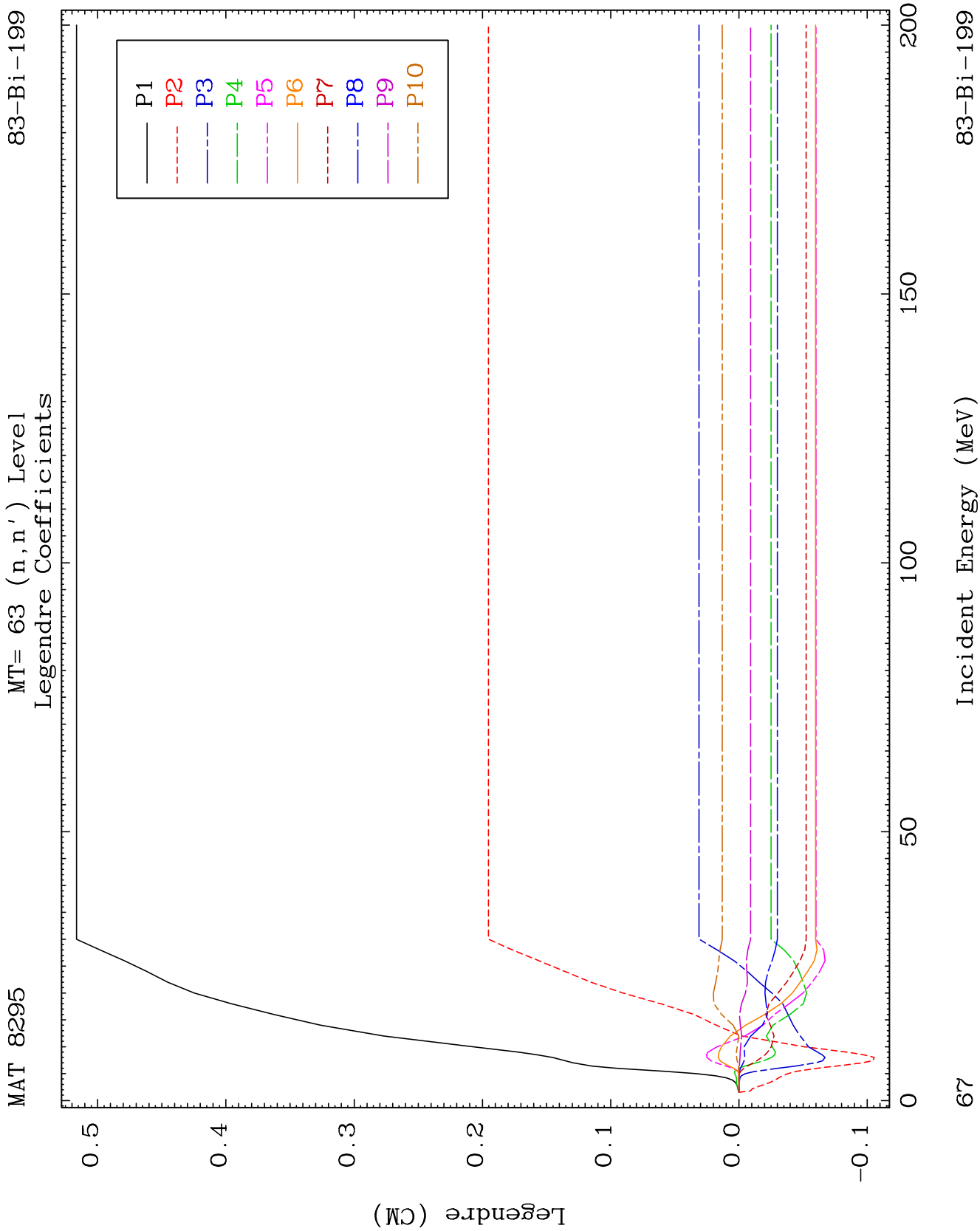
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Legendre Coefficients

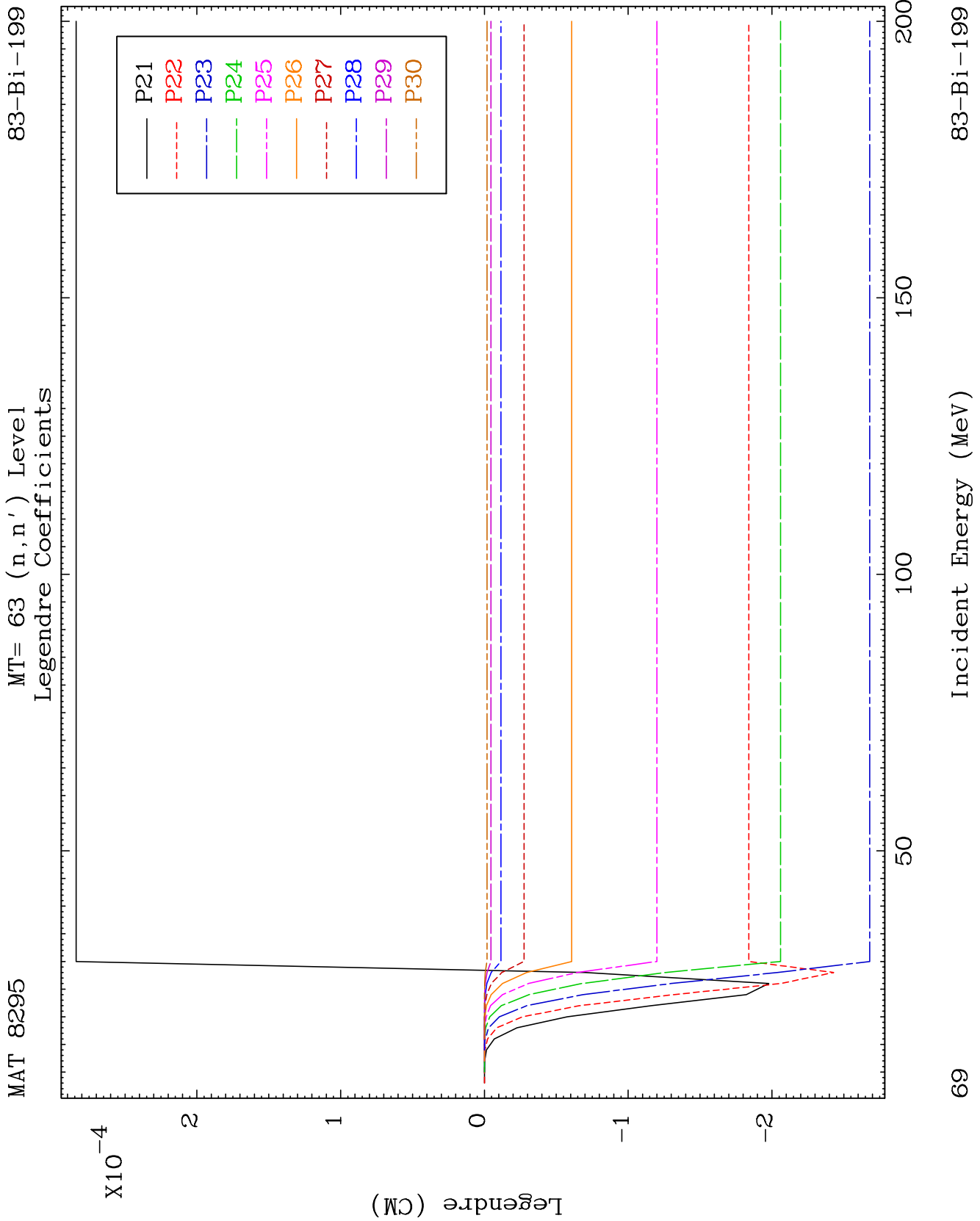
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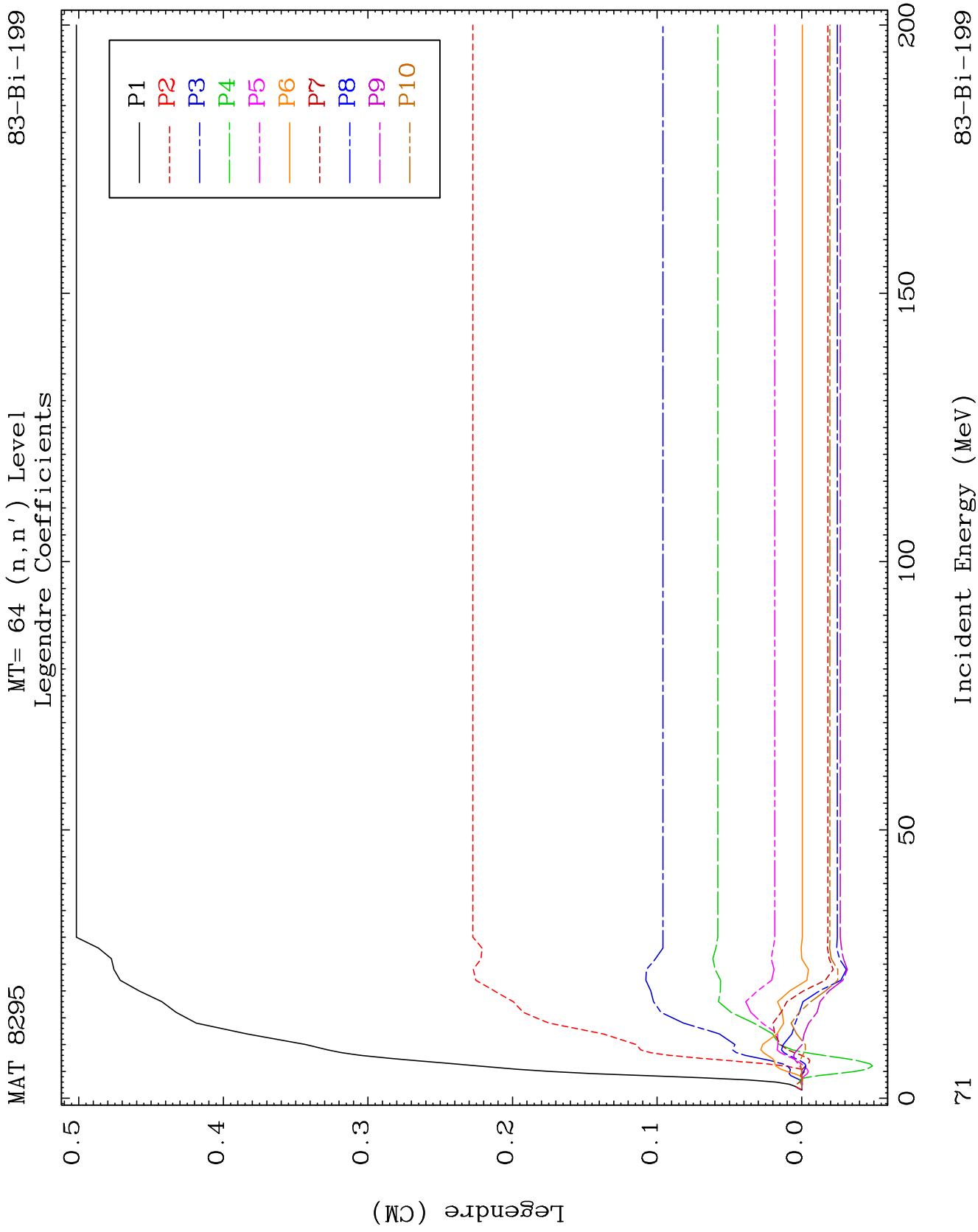








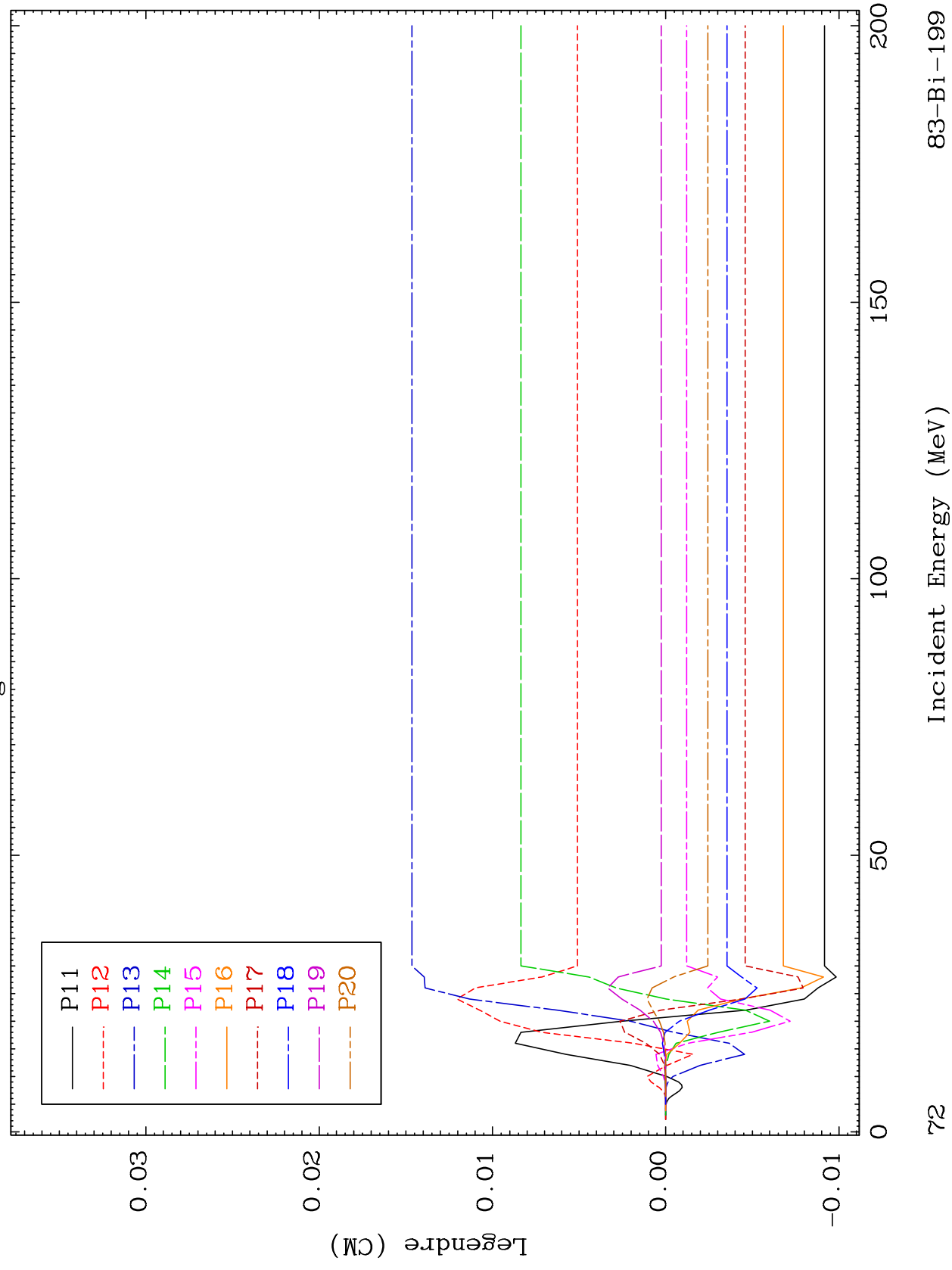


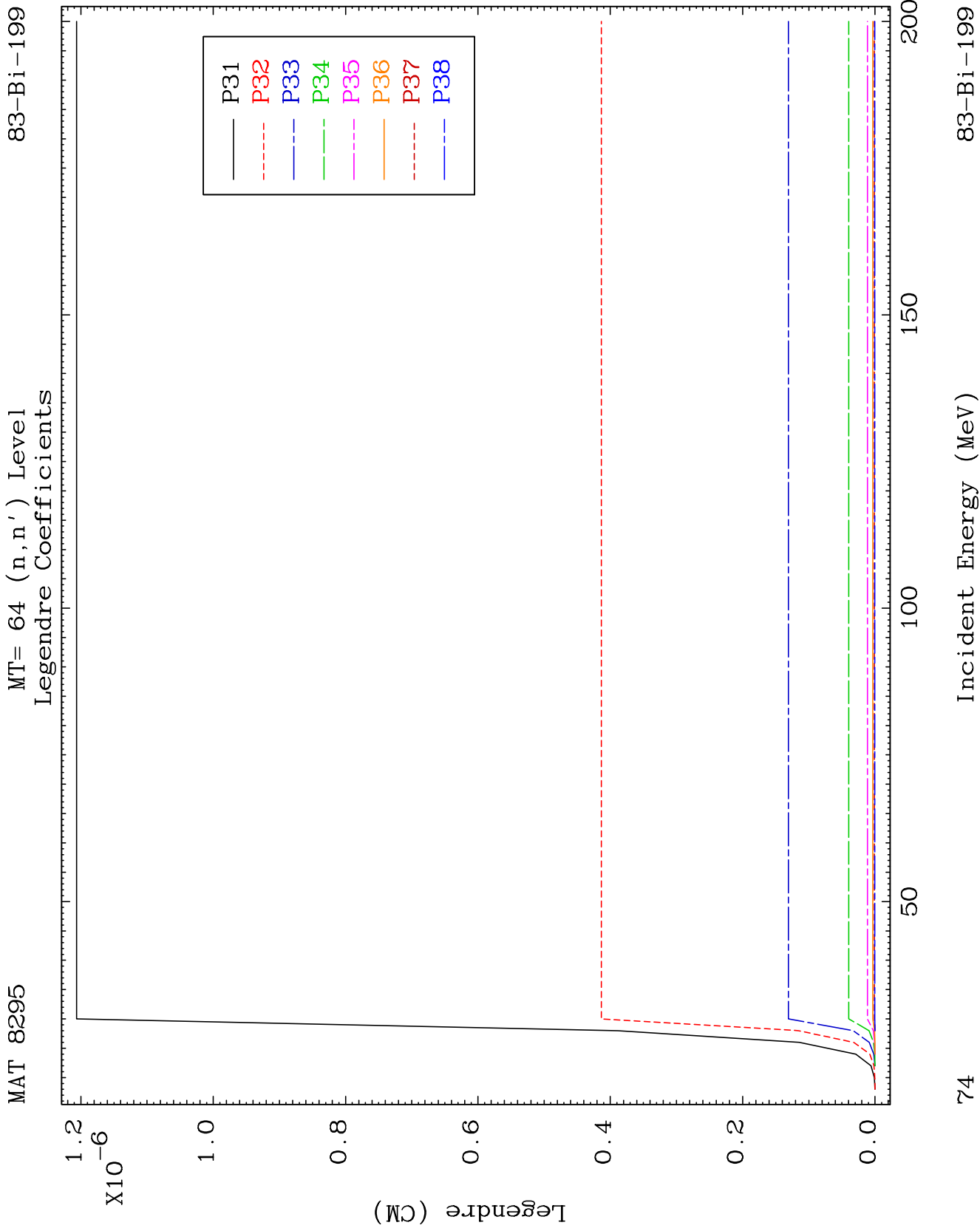


MAT 8295

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

83-Bi-199

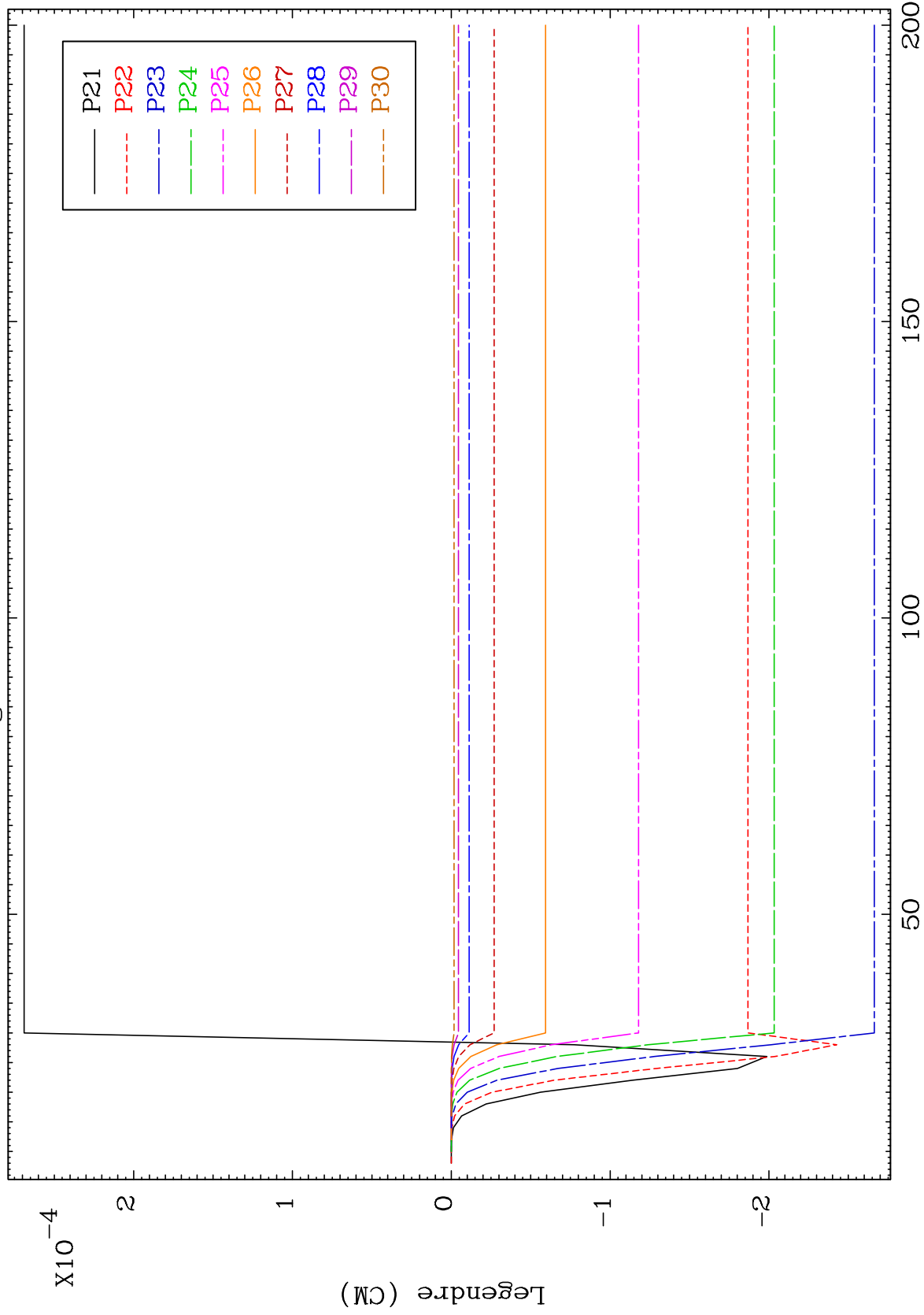




MAT 8295

MT= 65 (n,n') Level
Legendre Coefficients

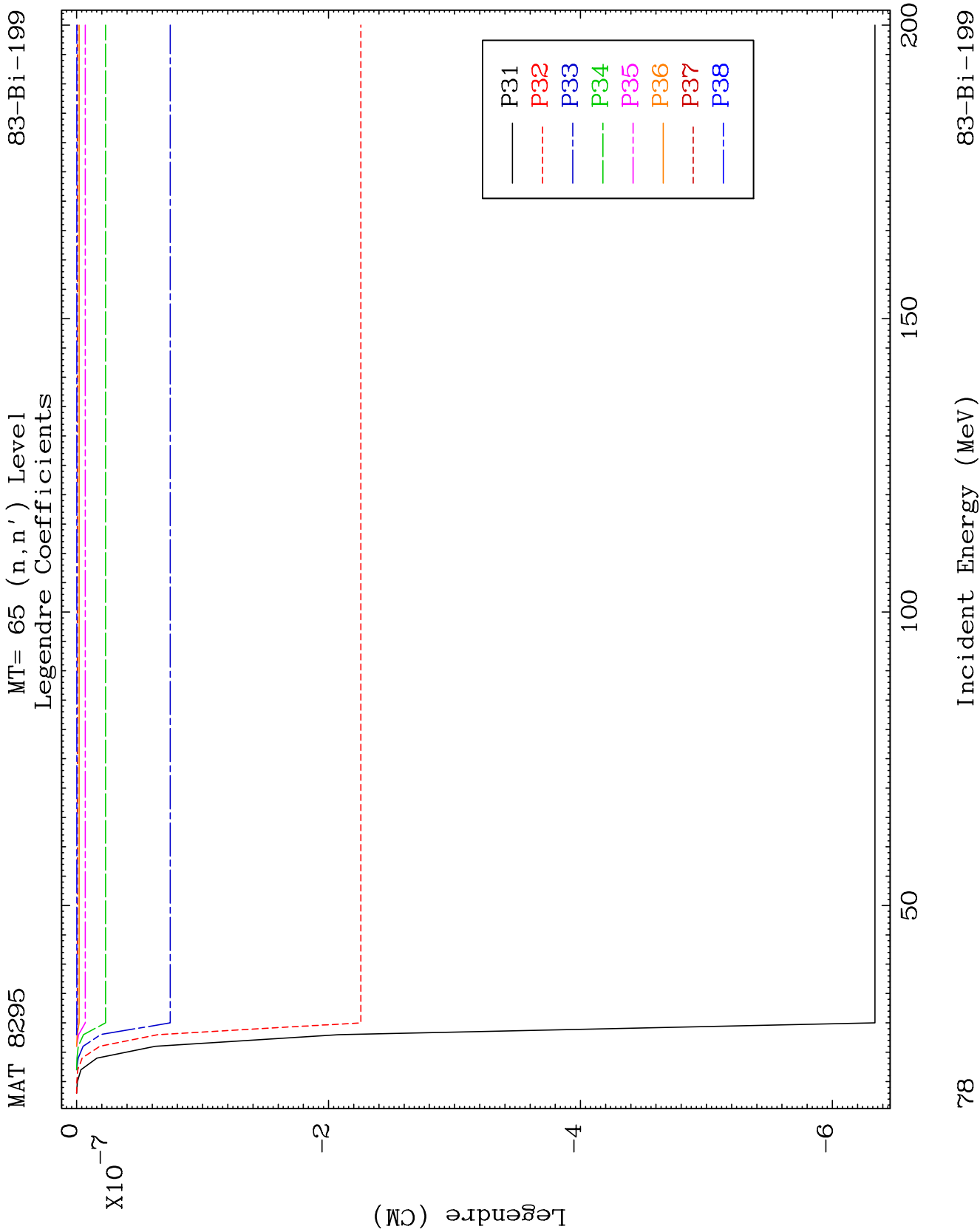
83-Bi-199



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Incident Energy (MeV)

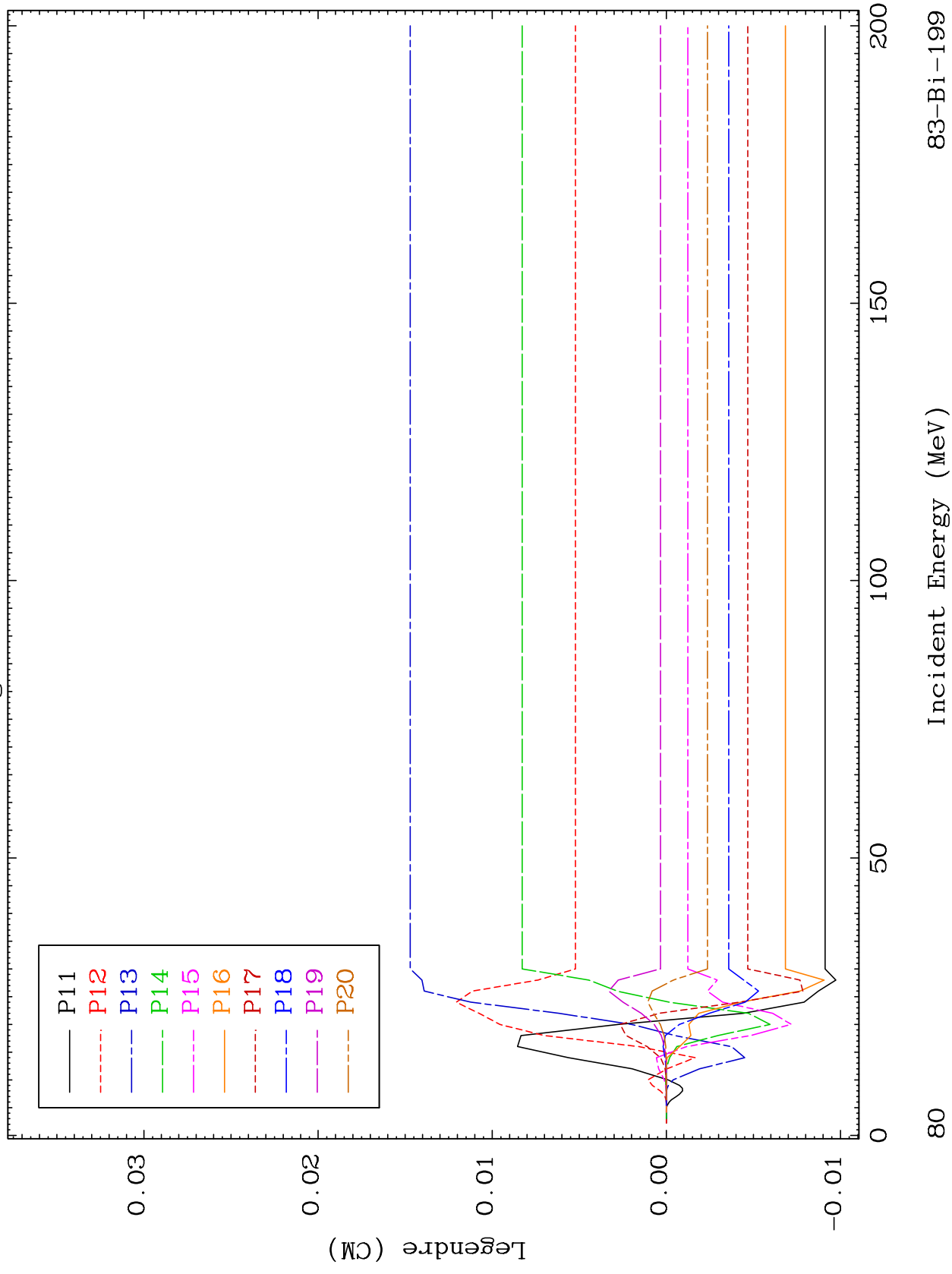
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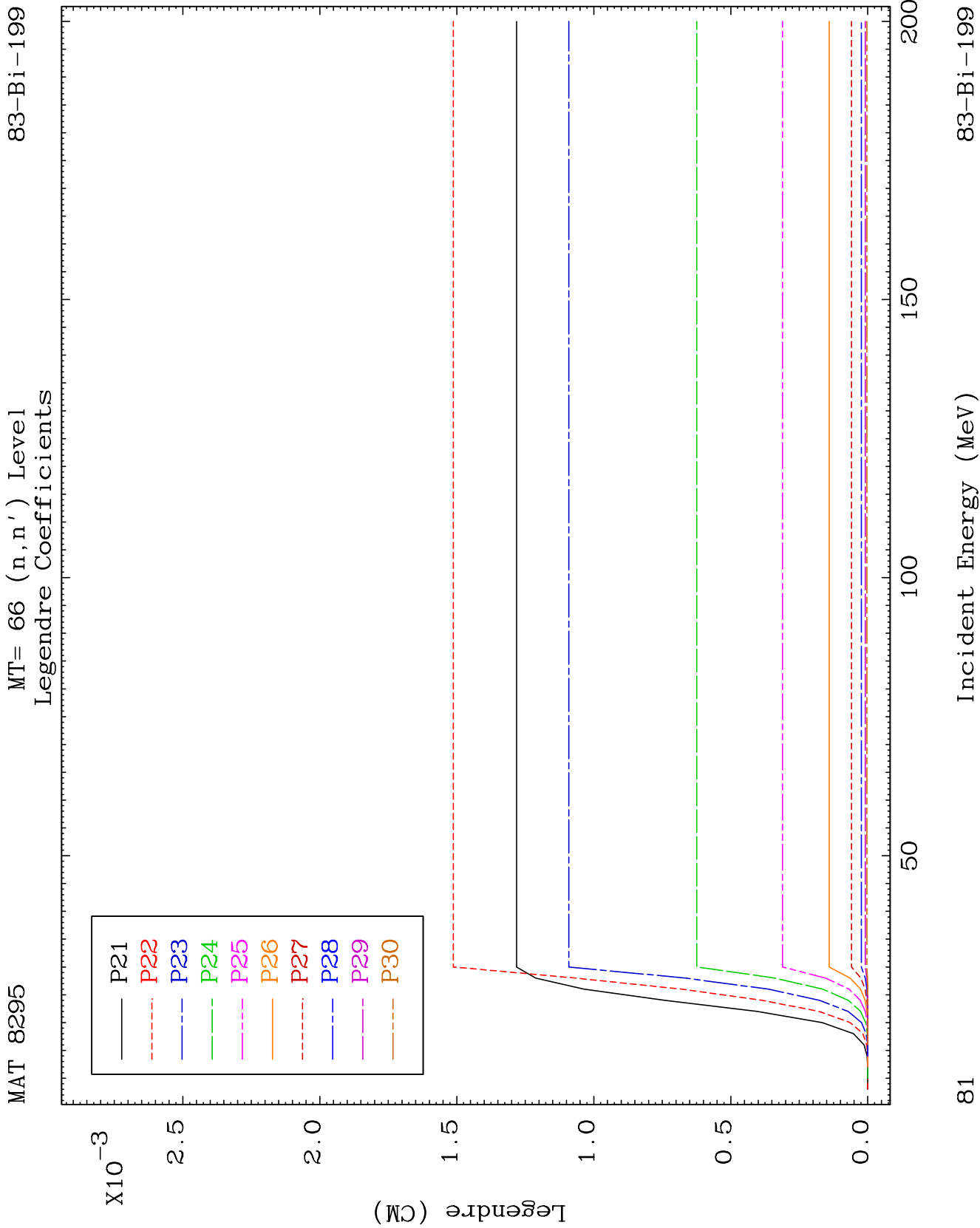


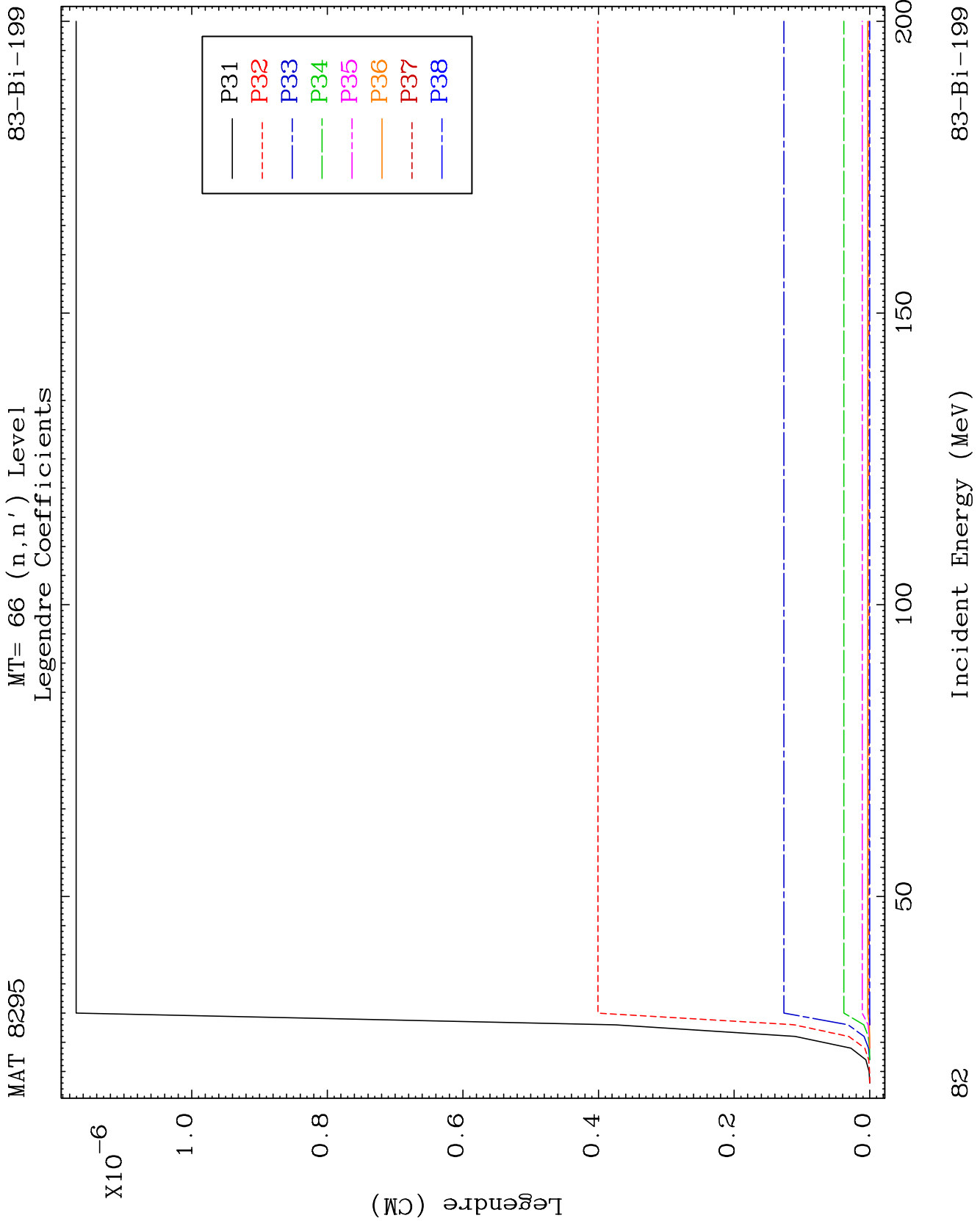
MAT 8295

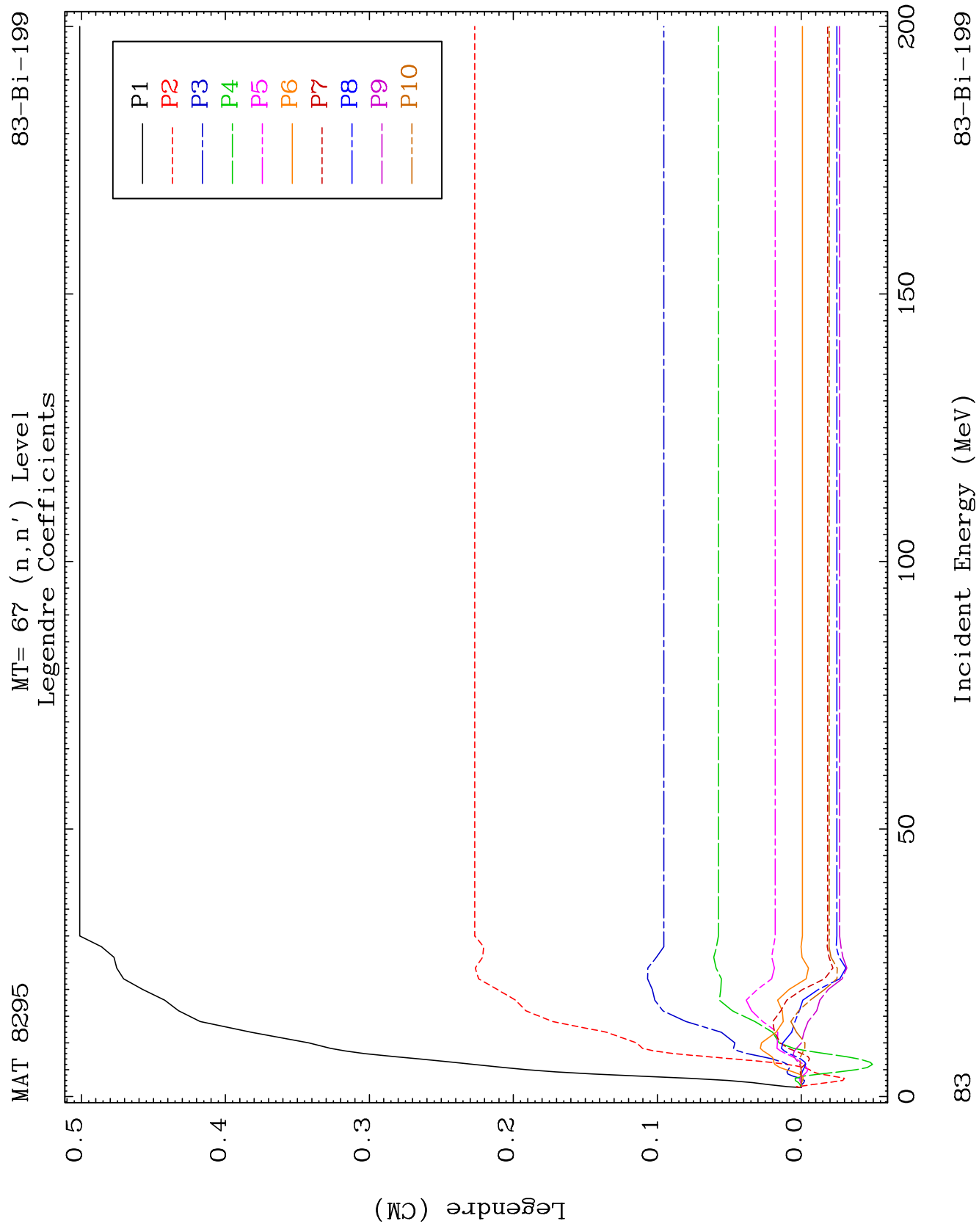
MT= 66 (n, n') Level
Legendre Coefficients

83-Bi-199





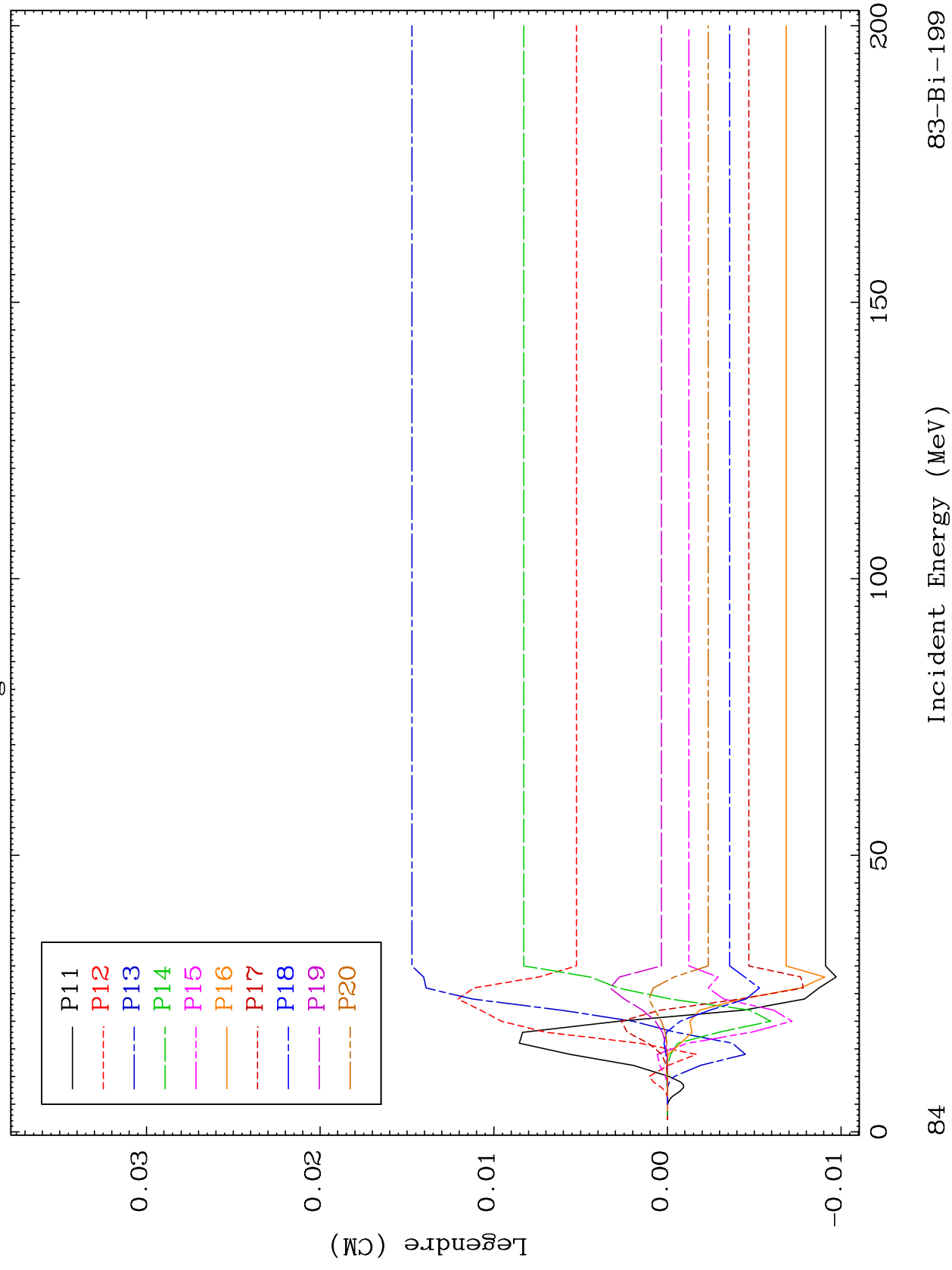


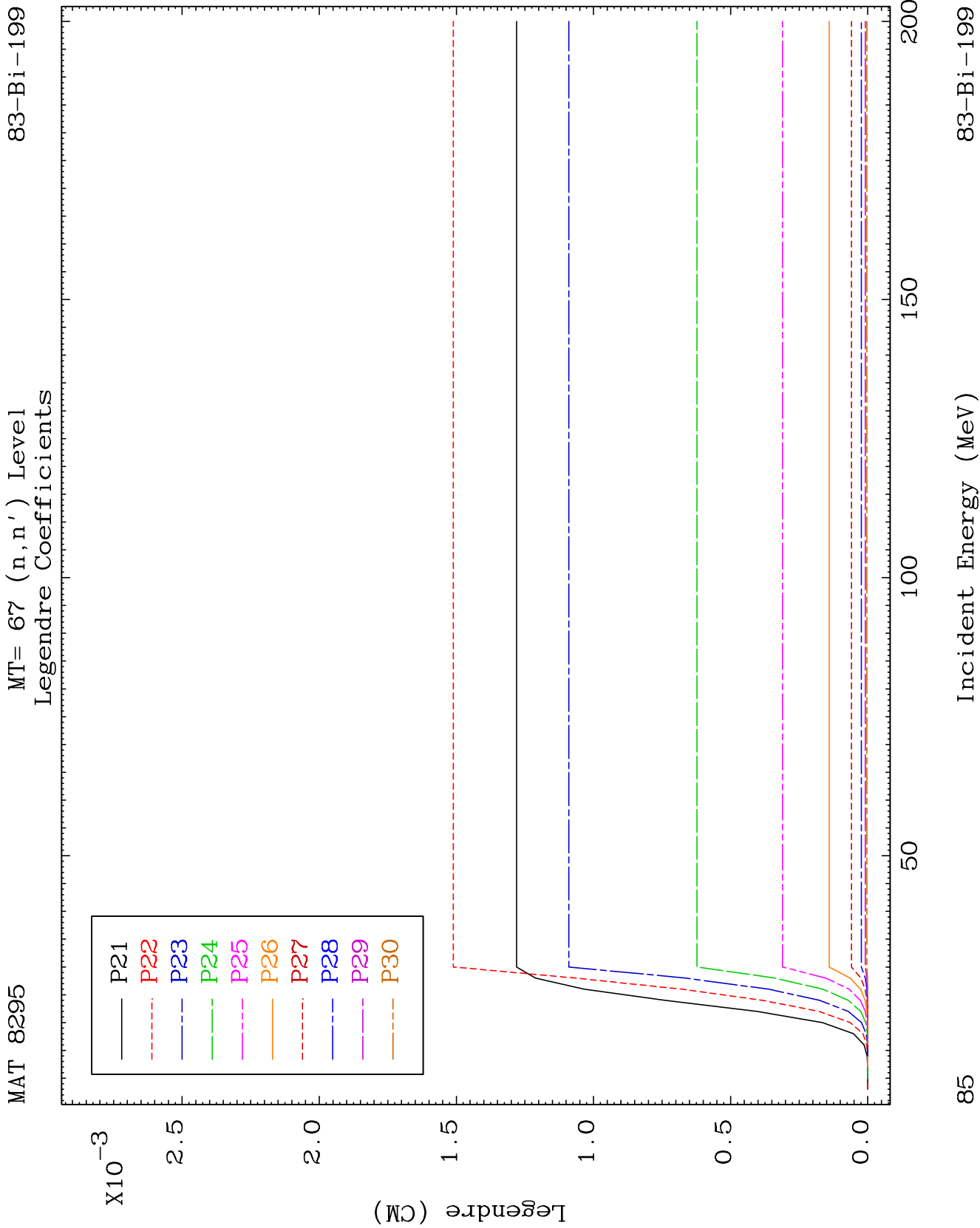


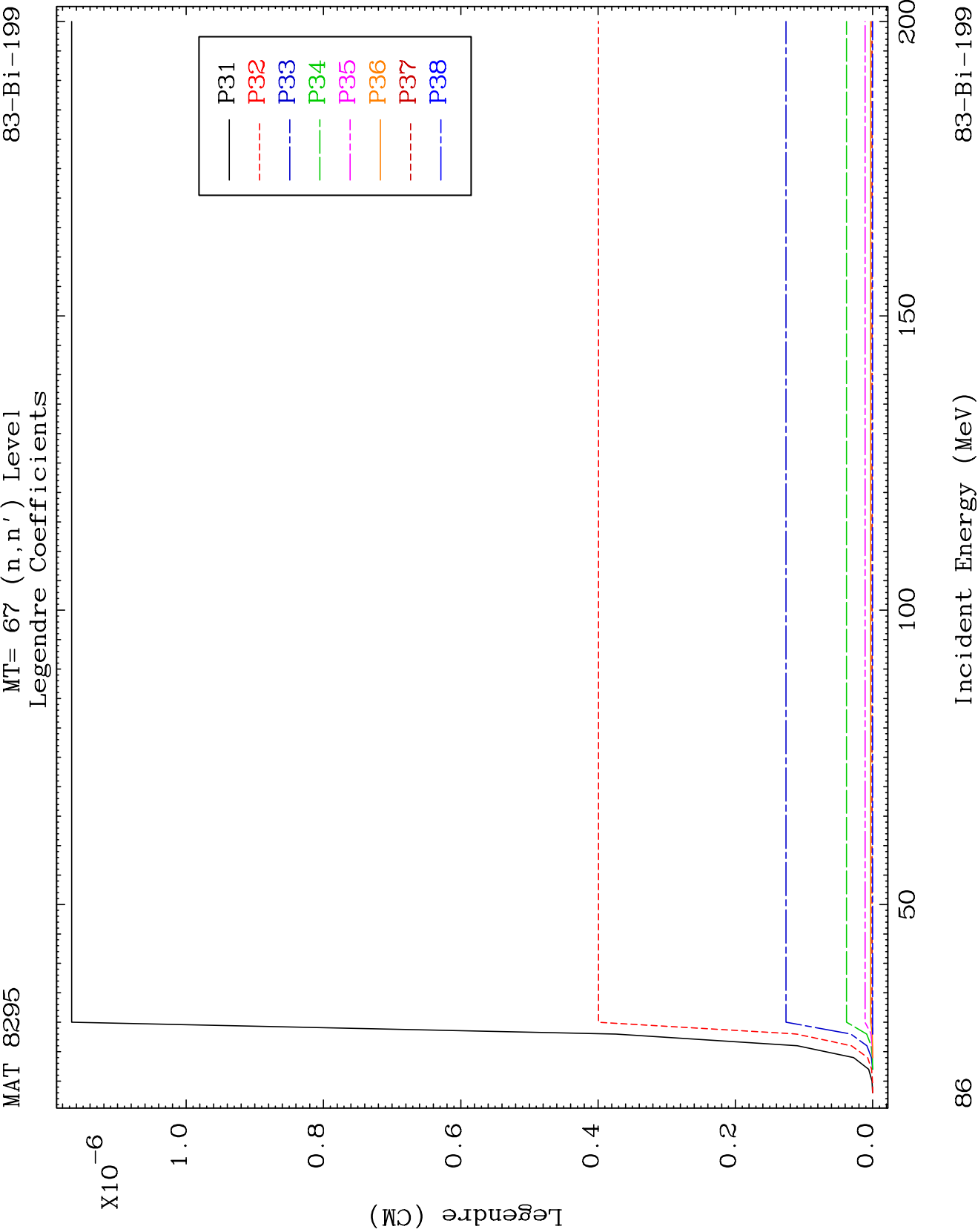
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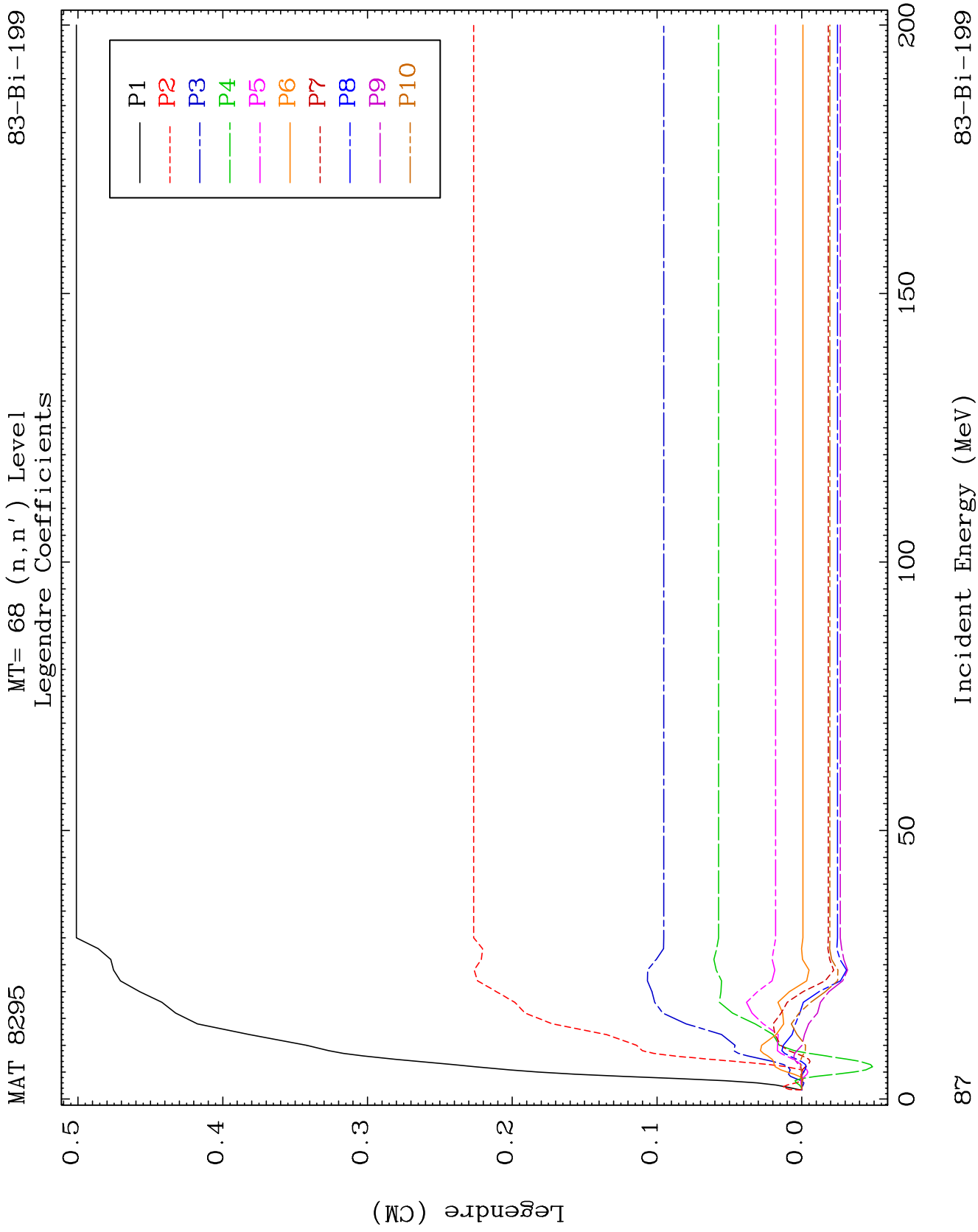
MT= 67 (n, n') Level
Legendre Coefficients

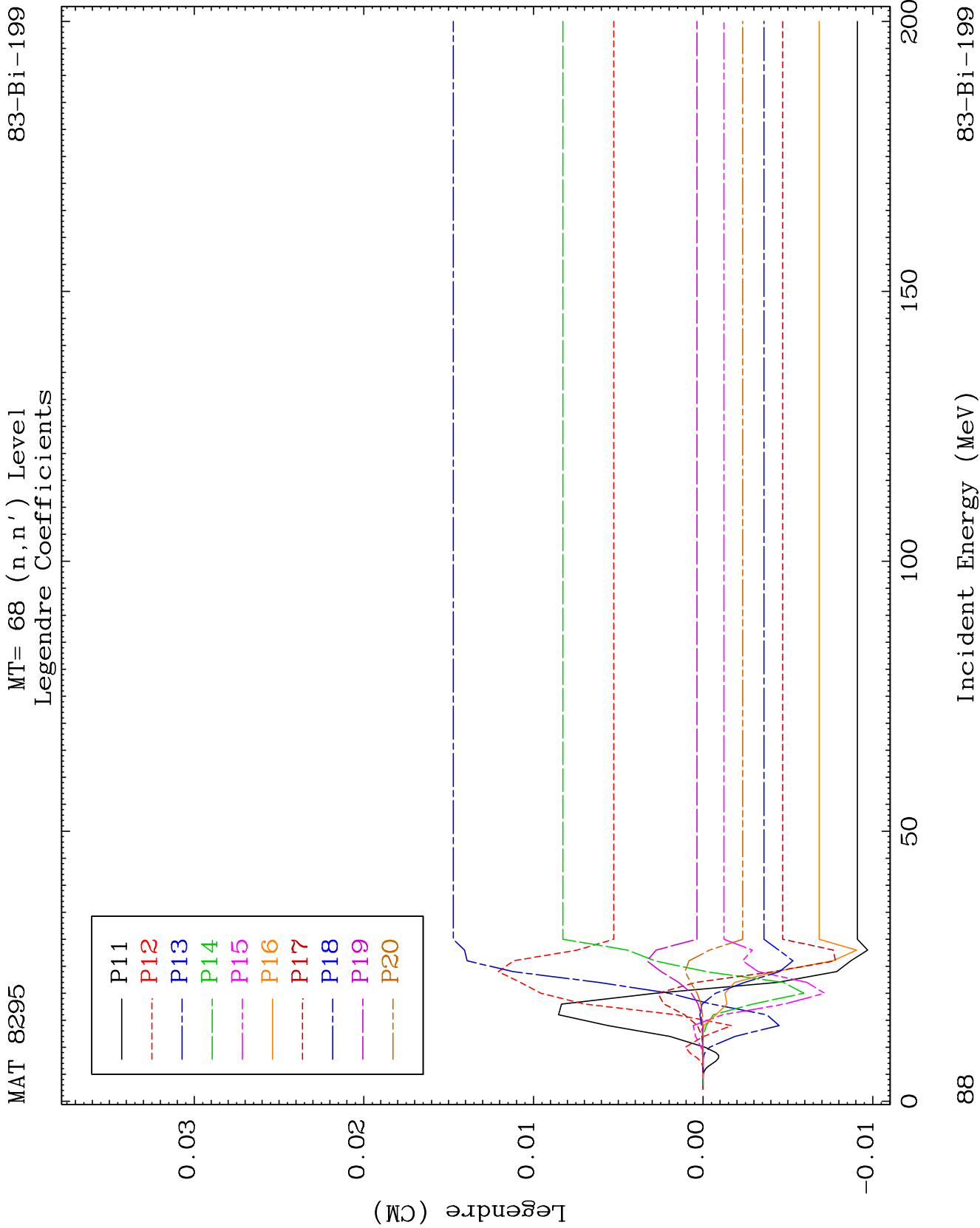
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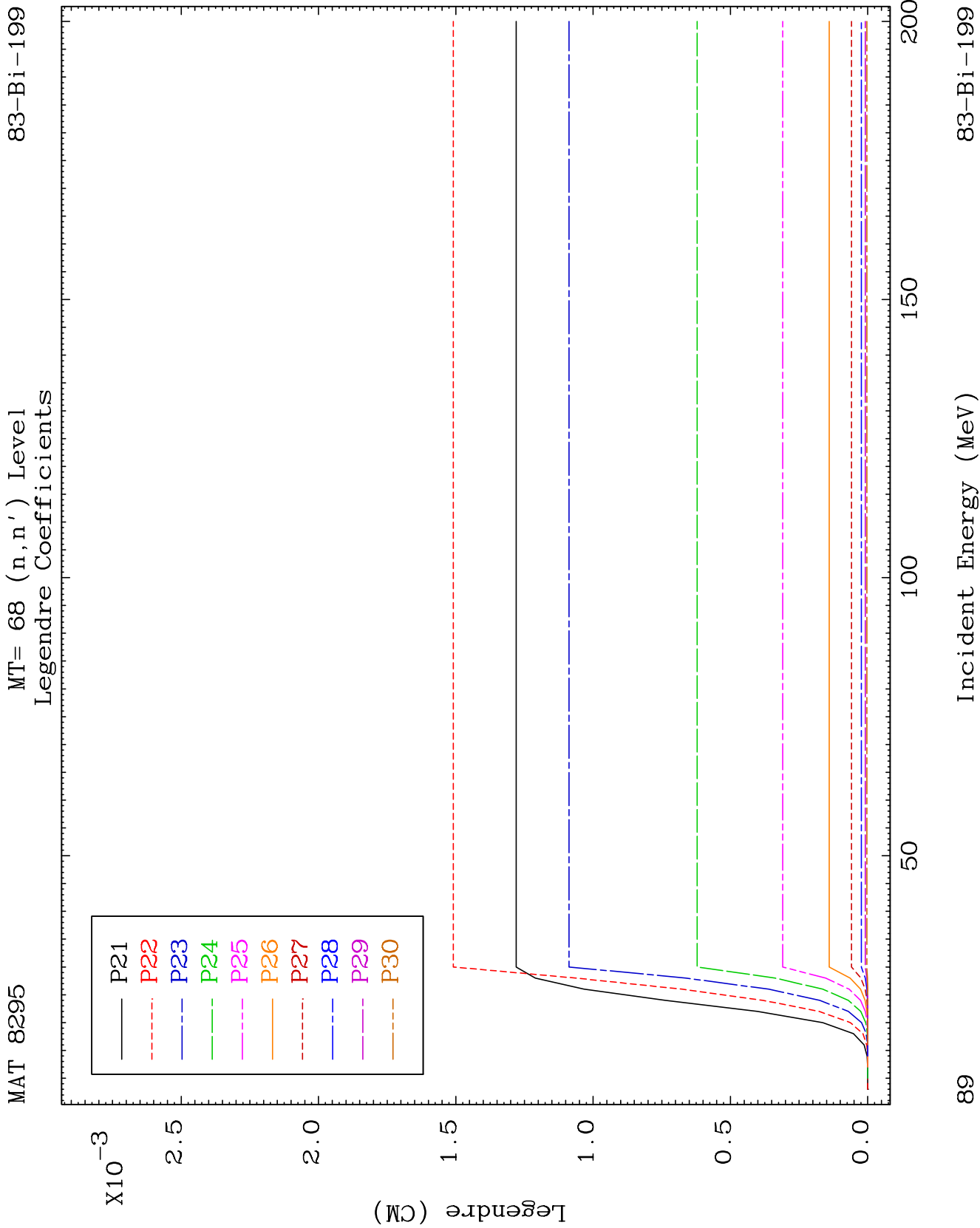


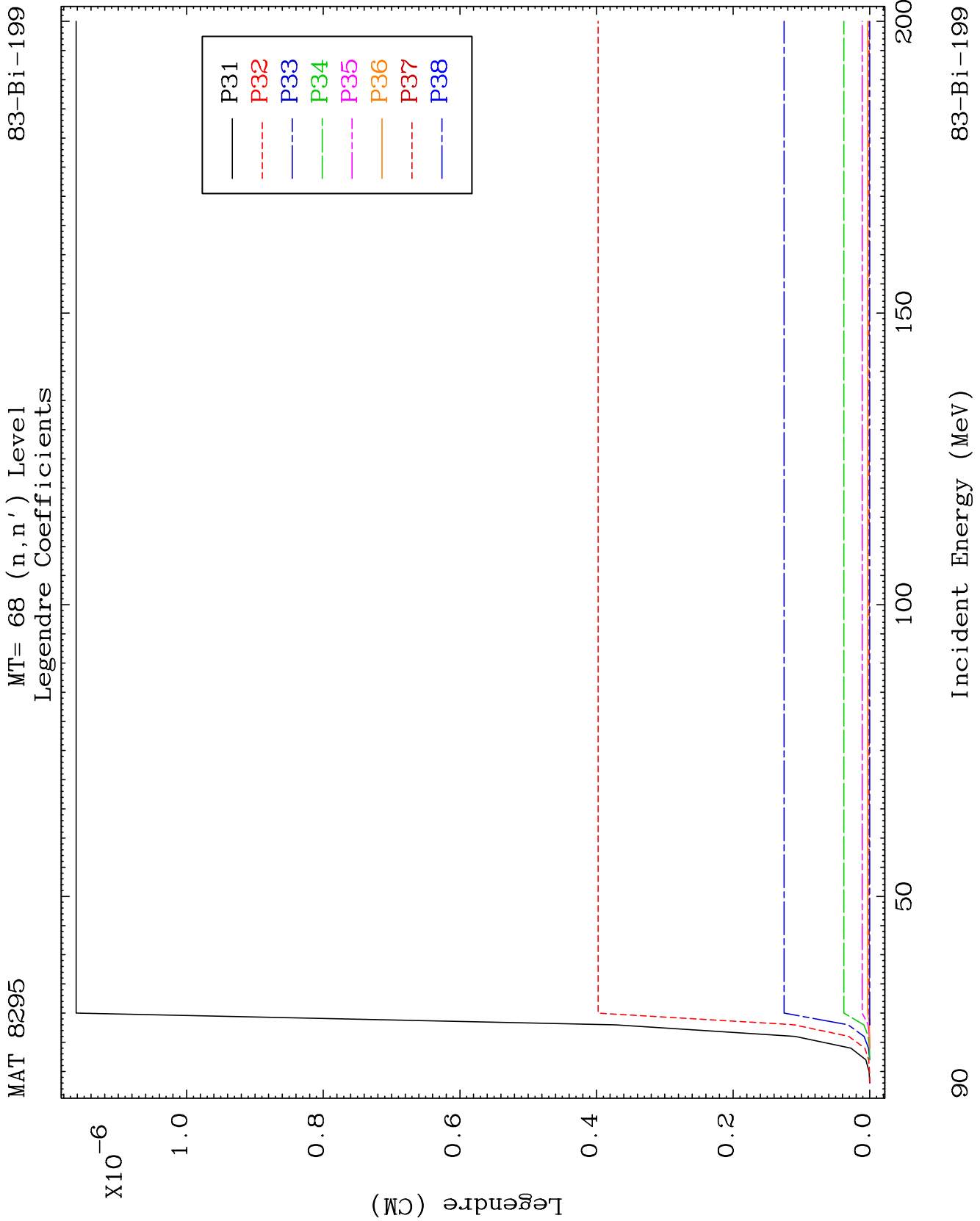








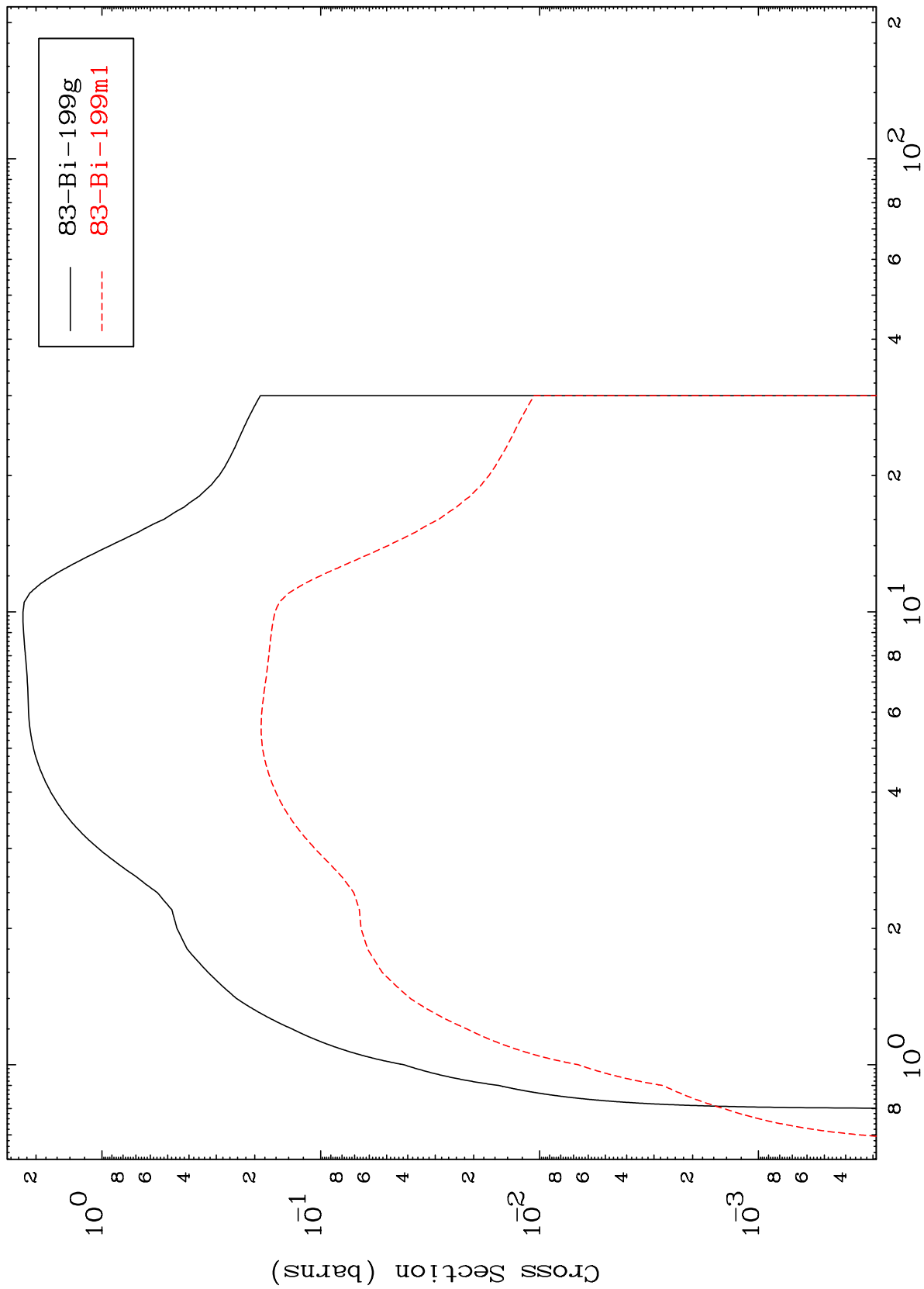




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83-Bi-199

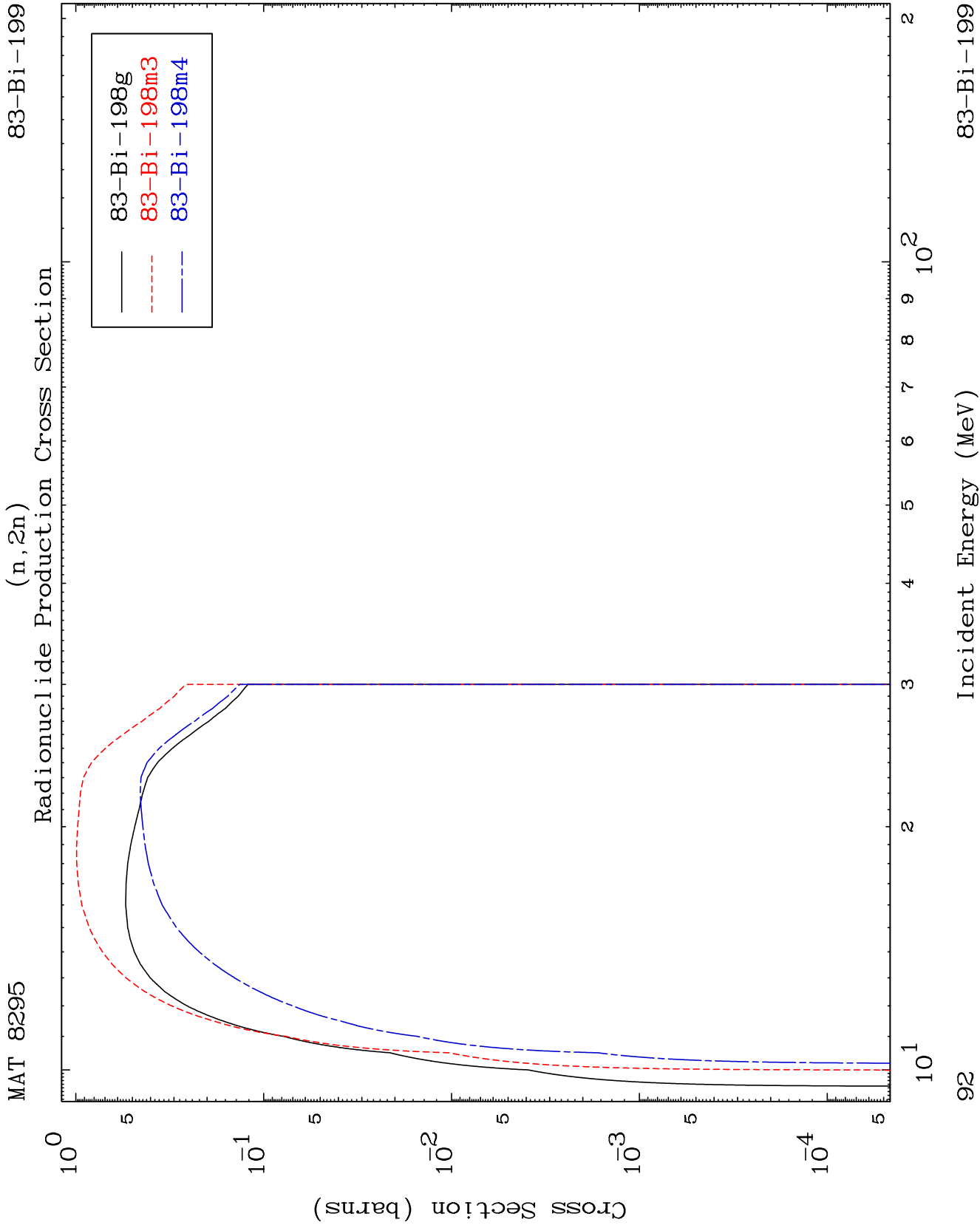
Inelastic
Radionuclide Production Cross Section

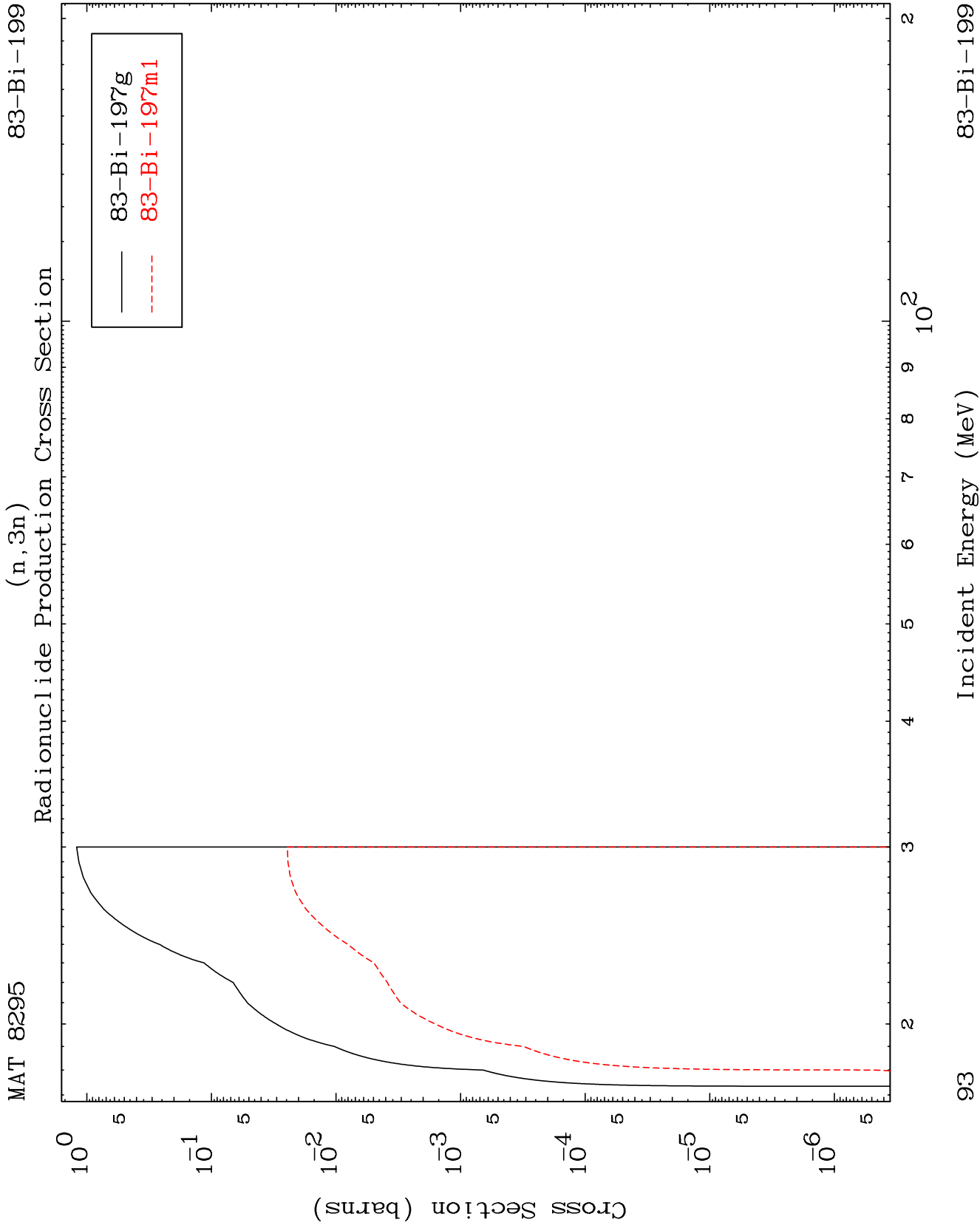


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Incident Energy (MeV)

83-Bi-199



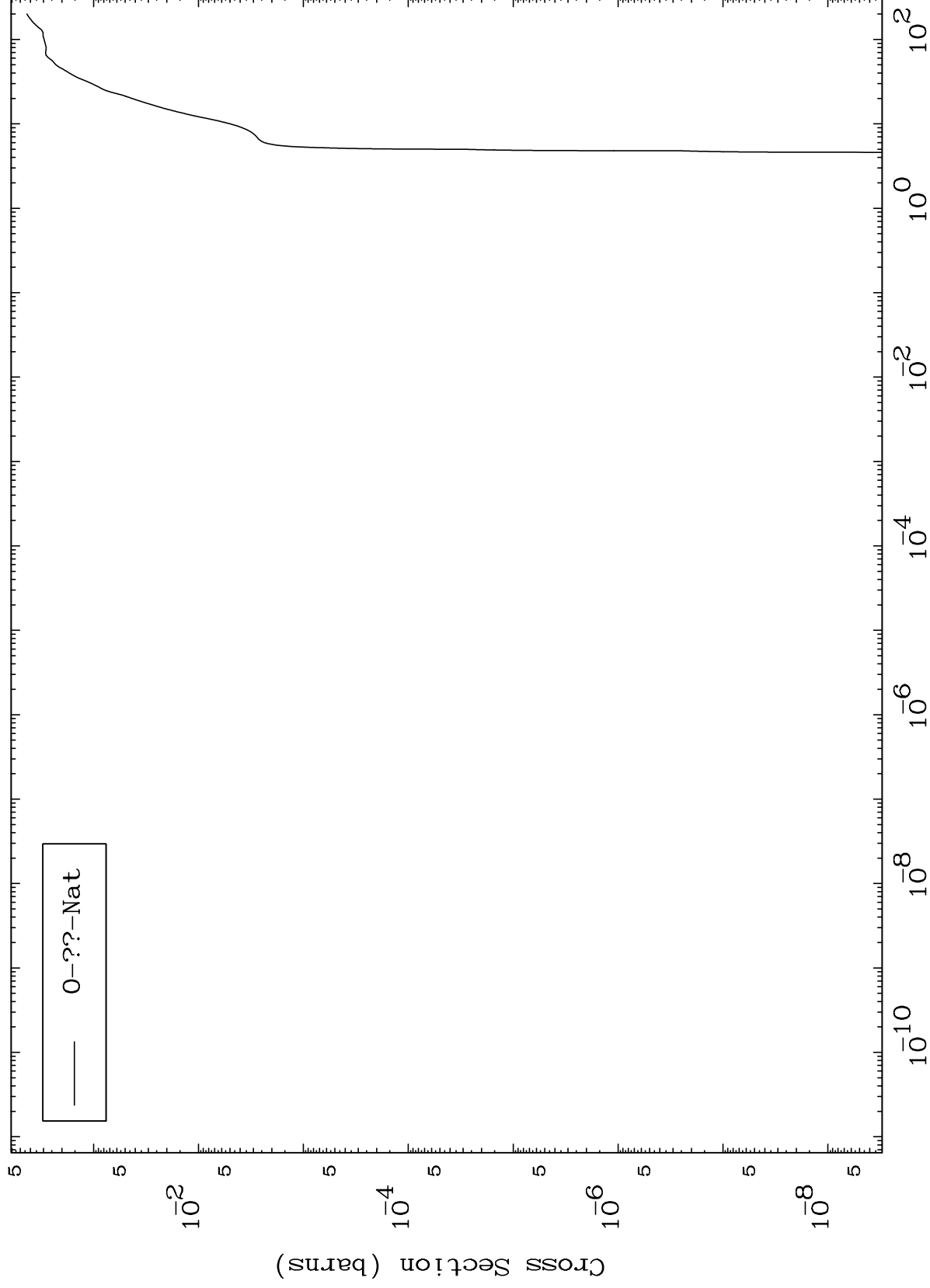


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Fission

83-Bi-199

Radionuclide Production Cross Section



94

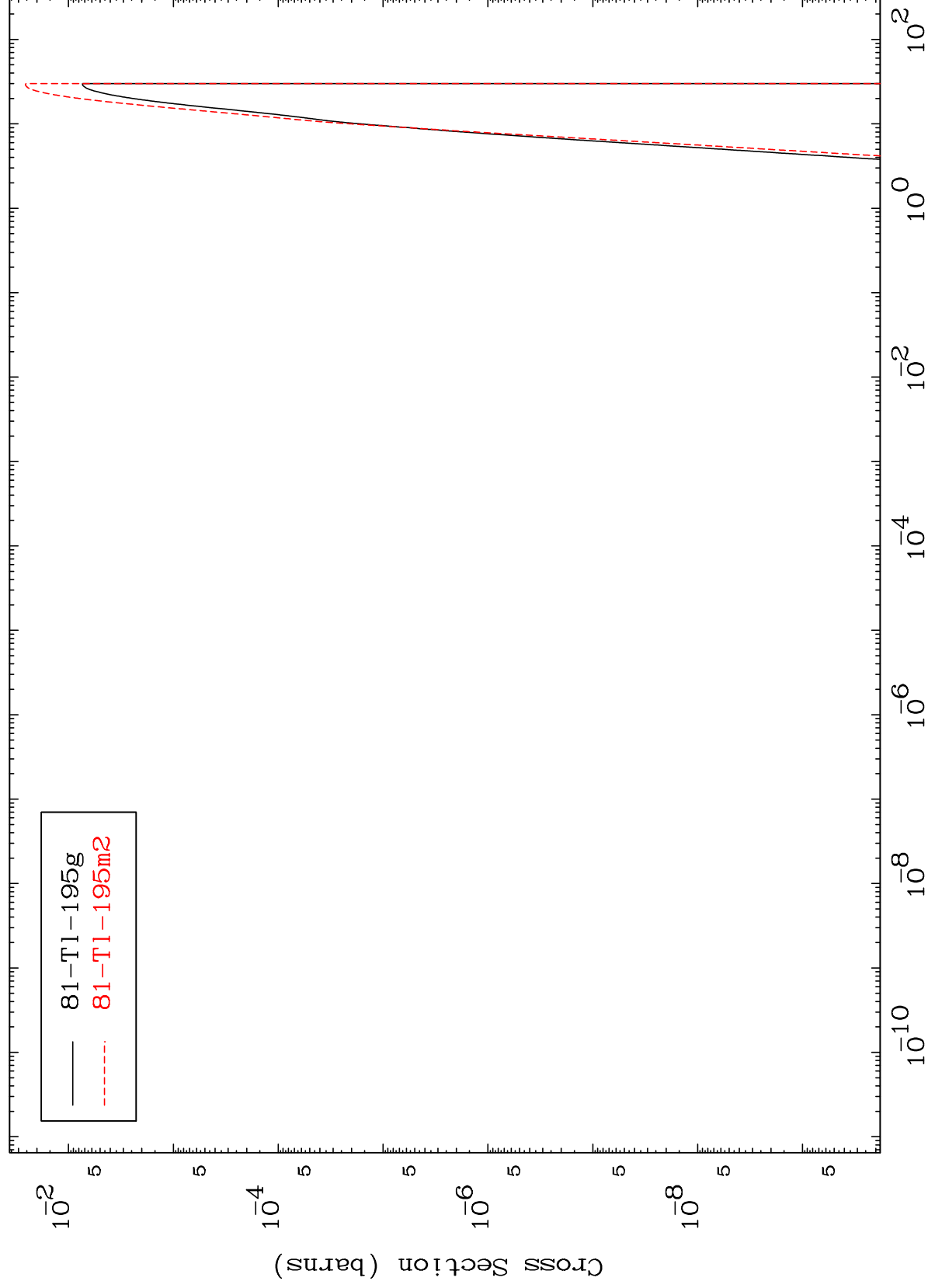
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

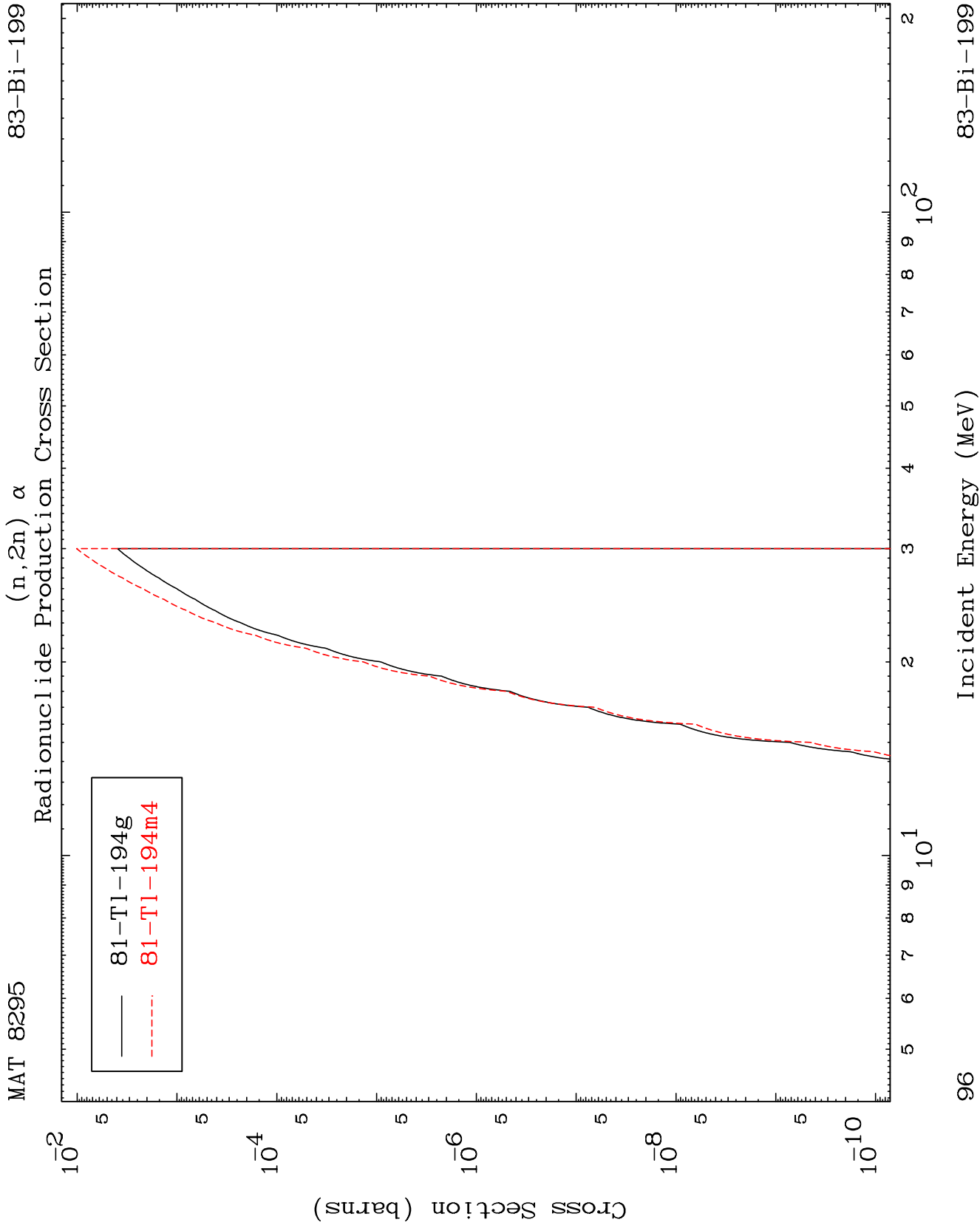
$(n,n') \alpha$
Radionuclide Production Cross Section

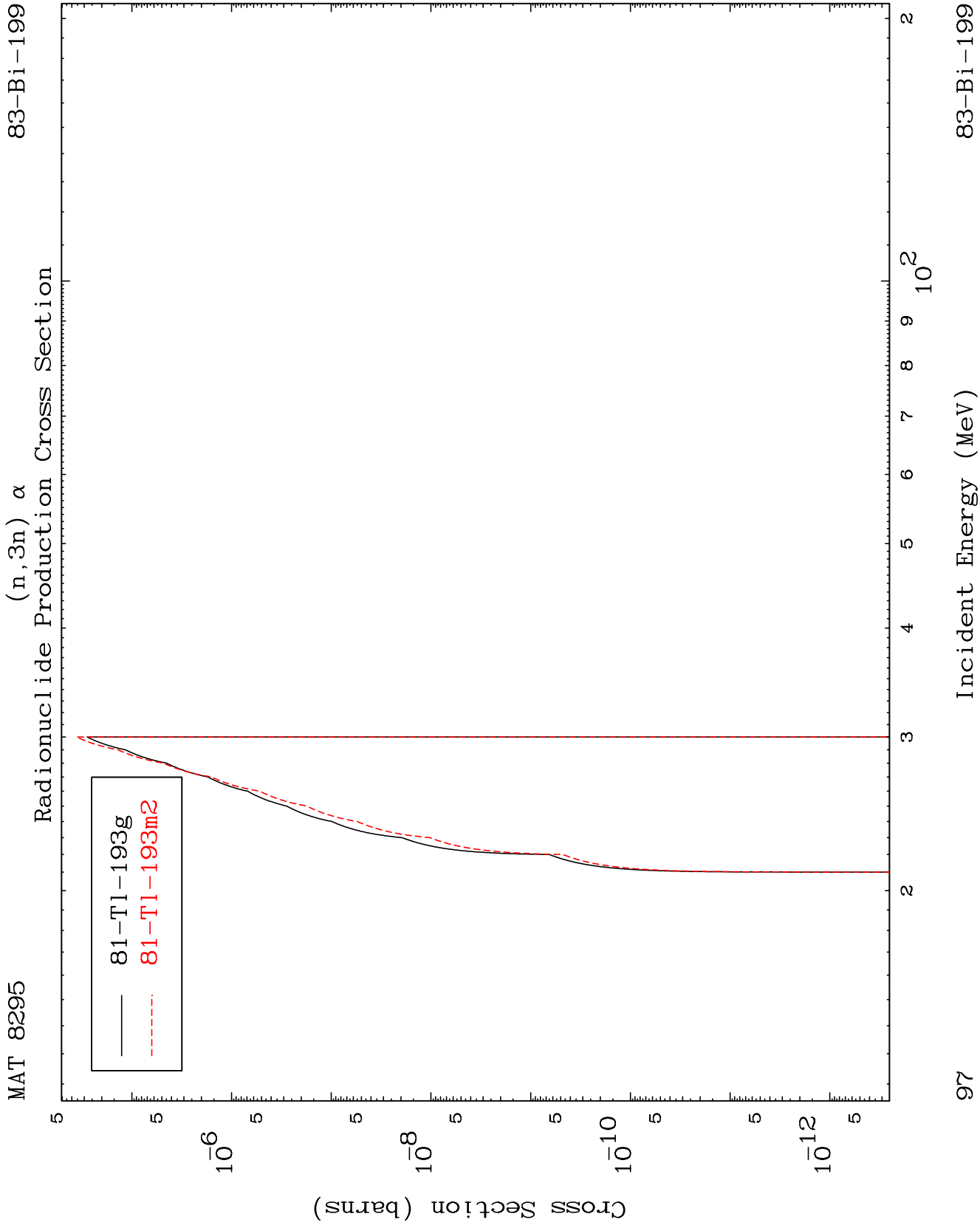


95

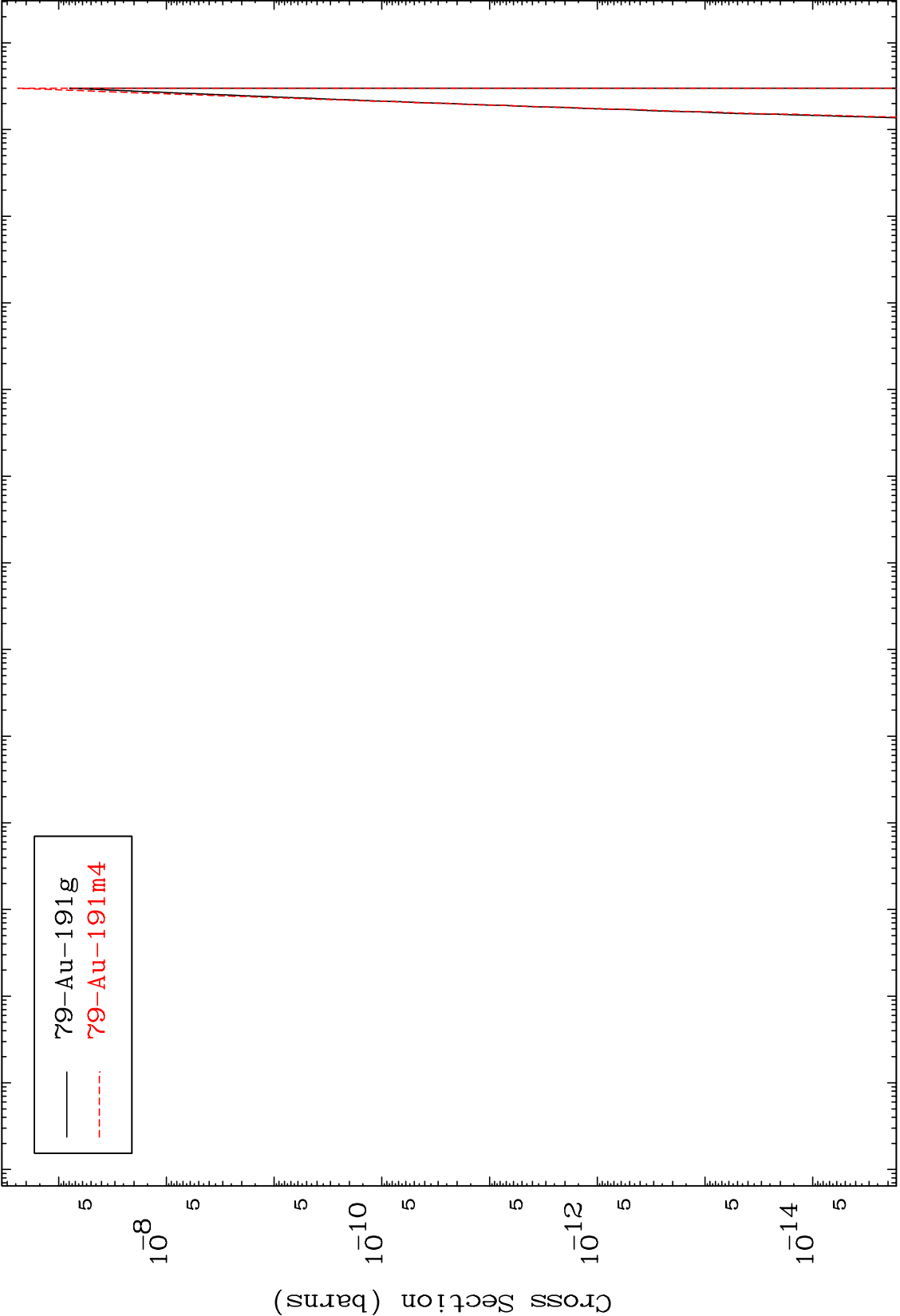
Incident Energy (MeV)

83-Bi-199





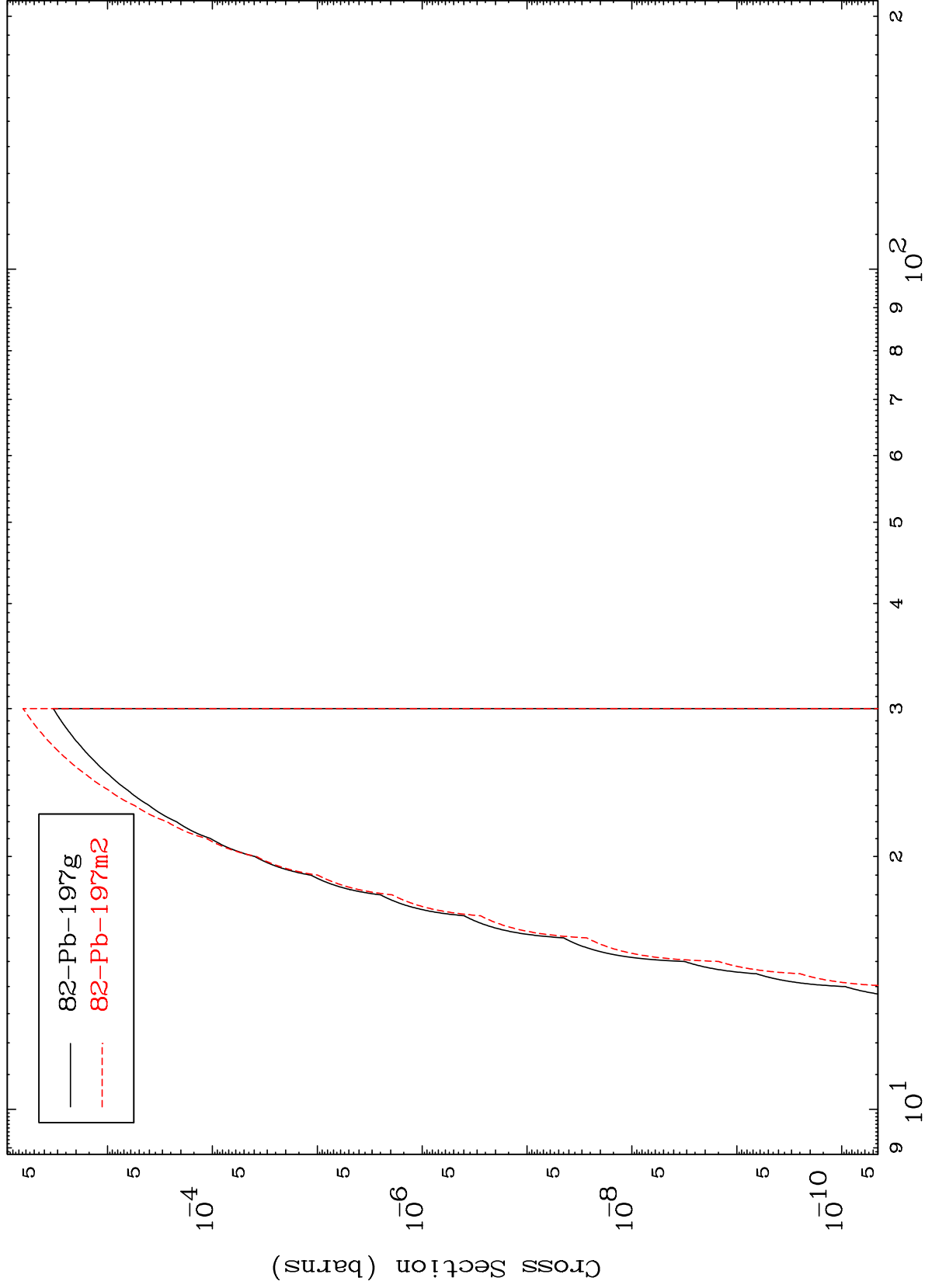
Radionuclide Production Cross Section



MAT 8295

83-Bi-199

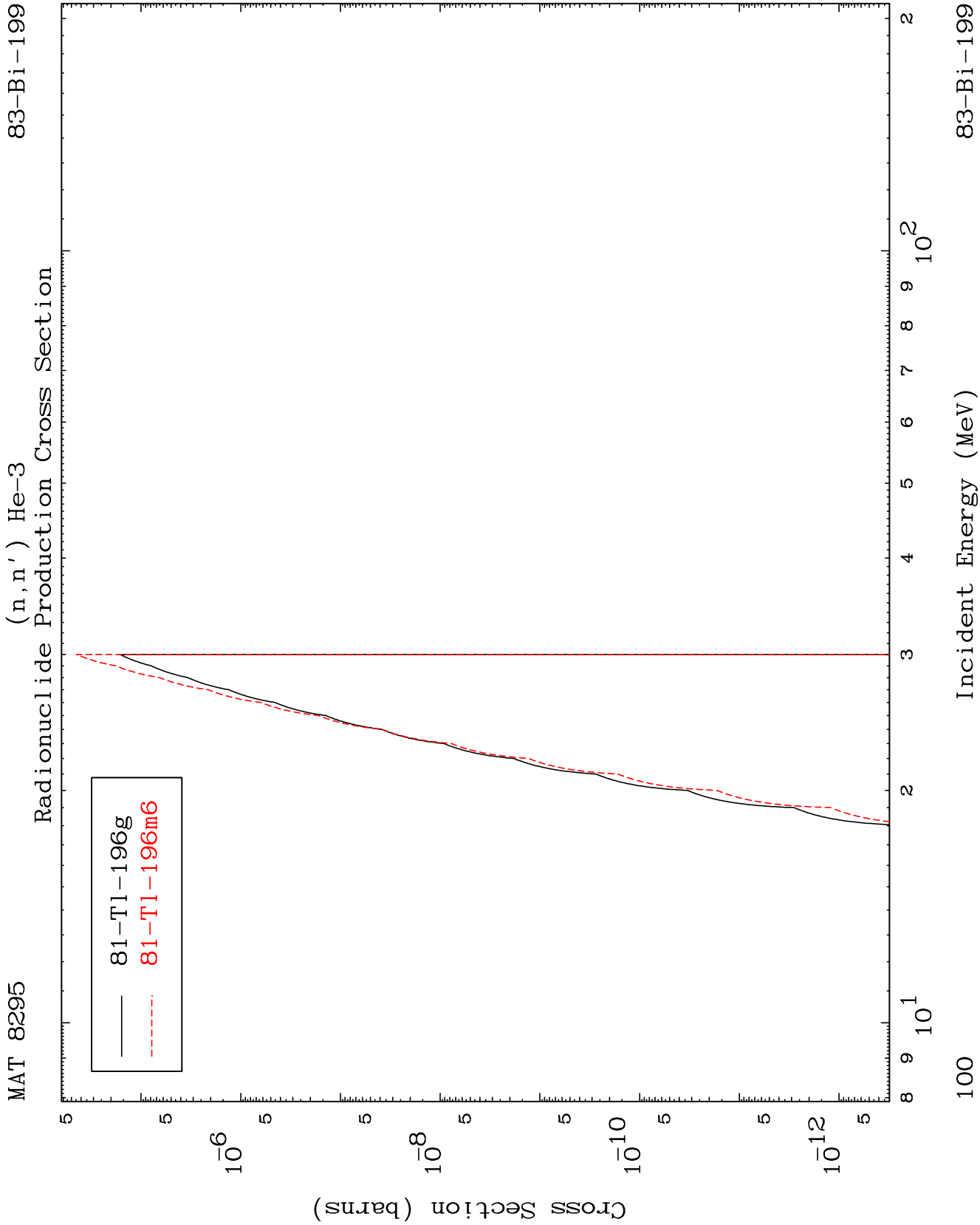
(n,n') d
Radionuclide Production Cross Section

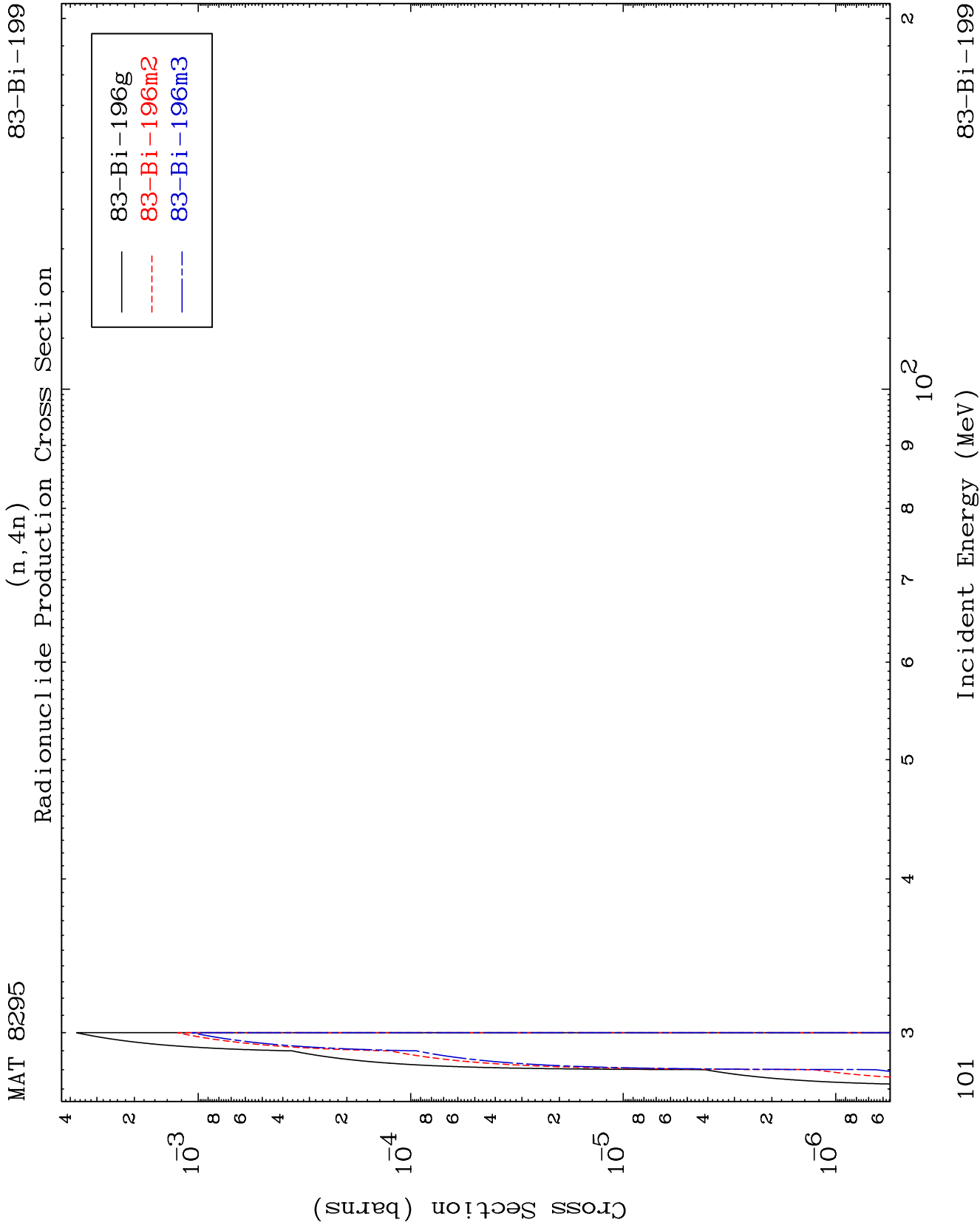


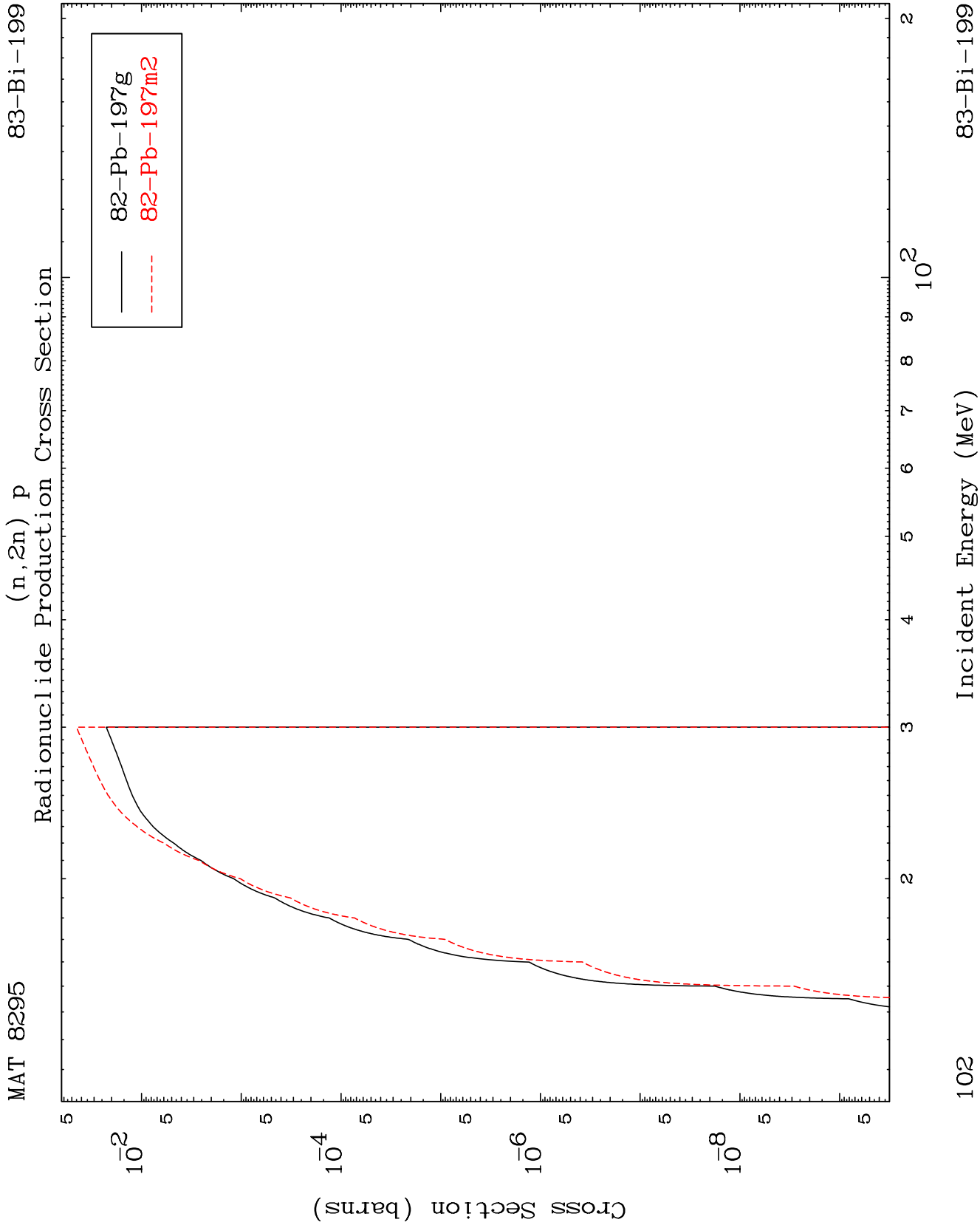
83-Bi-199

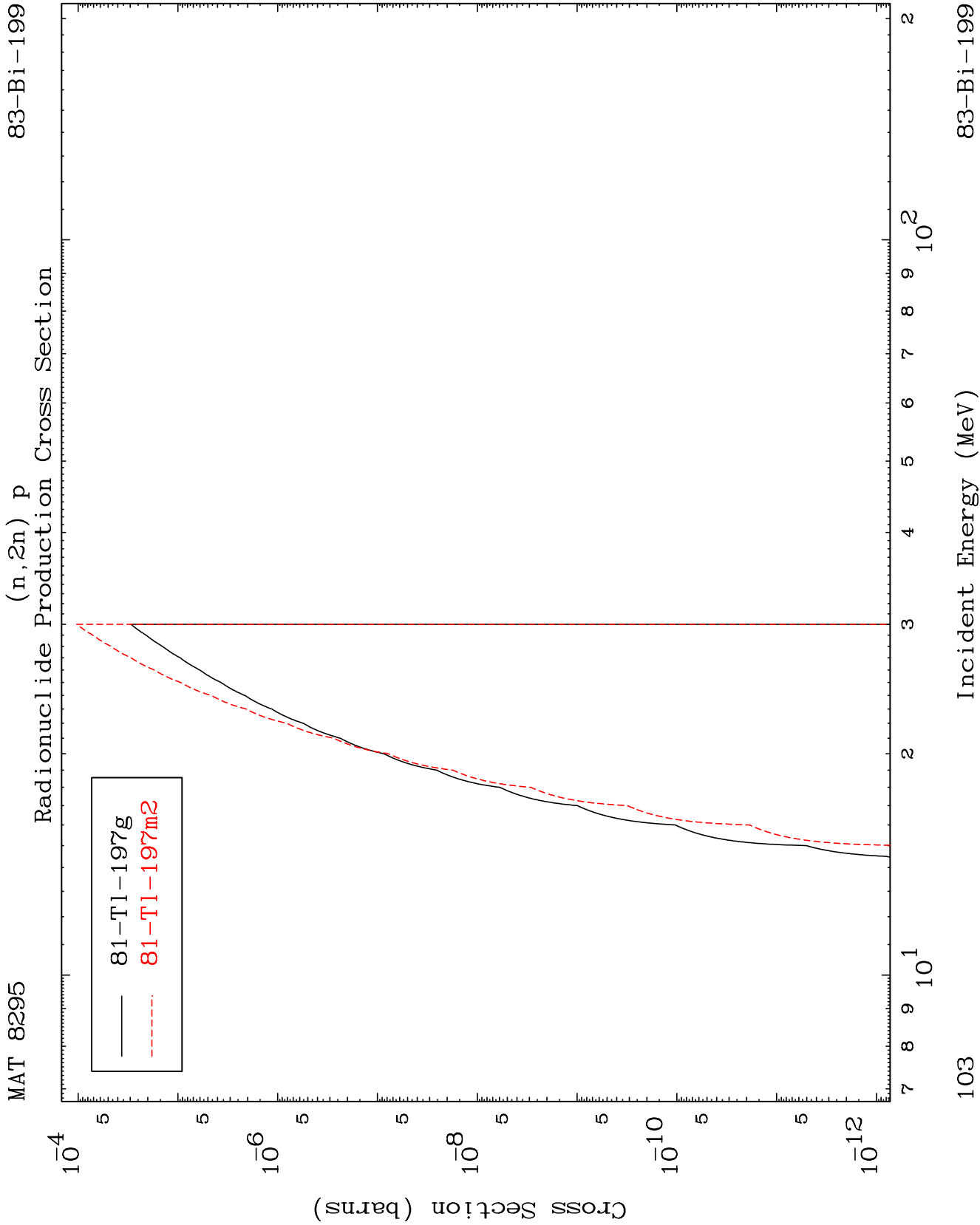
Incident Energy (MeV)

99





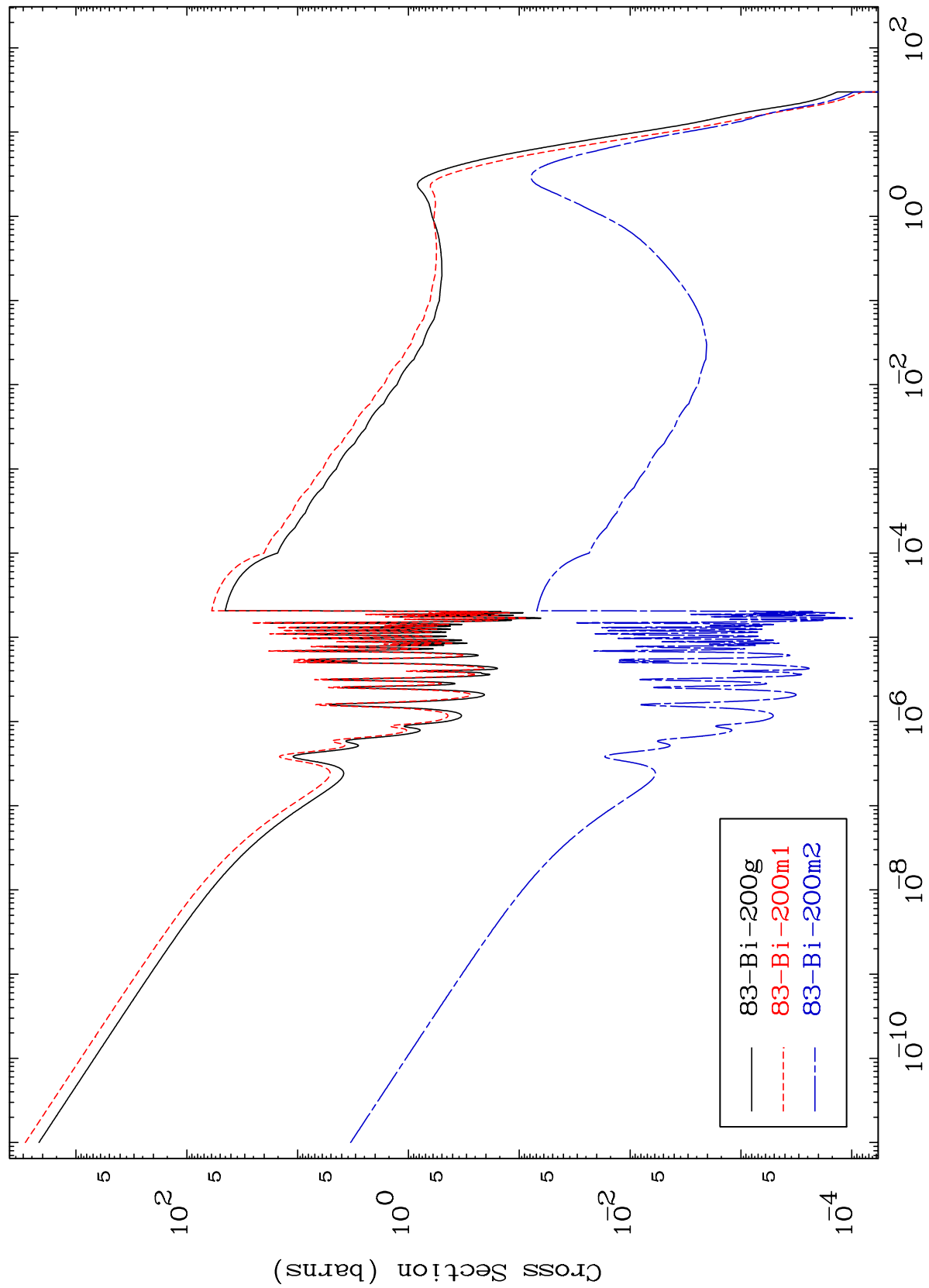




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Radionuclide Production Cross Section
(n, γ)



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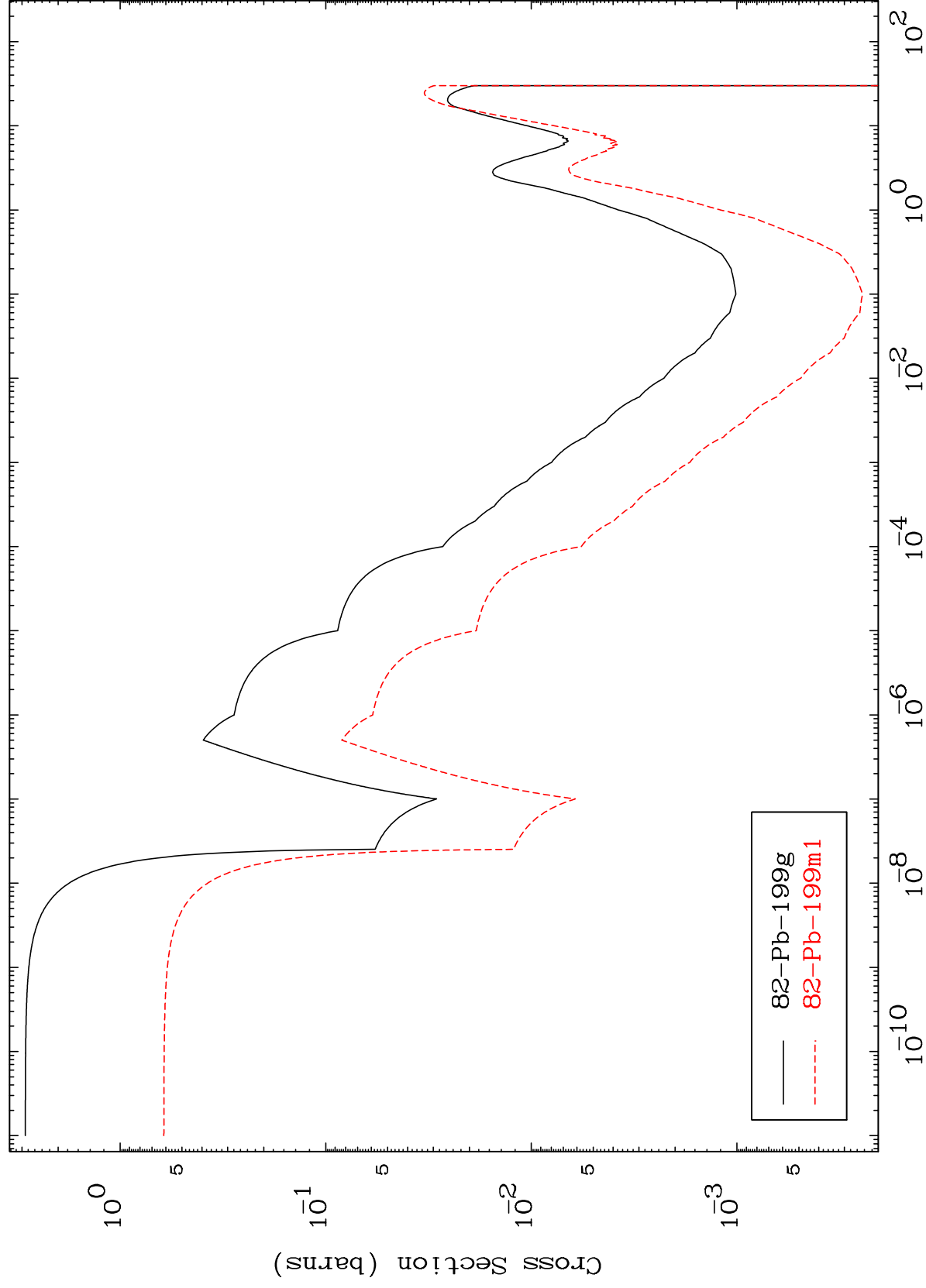
Incident Energy (MeV)

104

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(n,p)
Radionuclide Production Cross Section



83-Bi-199

Incident Energy (MeV)

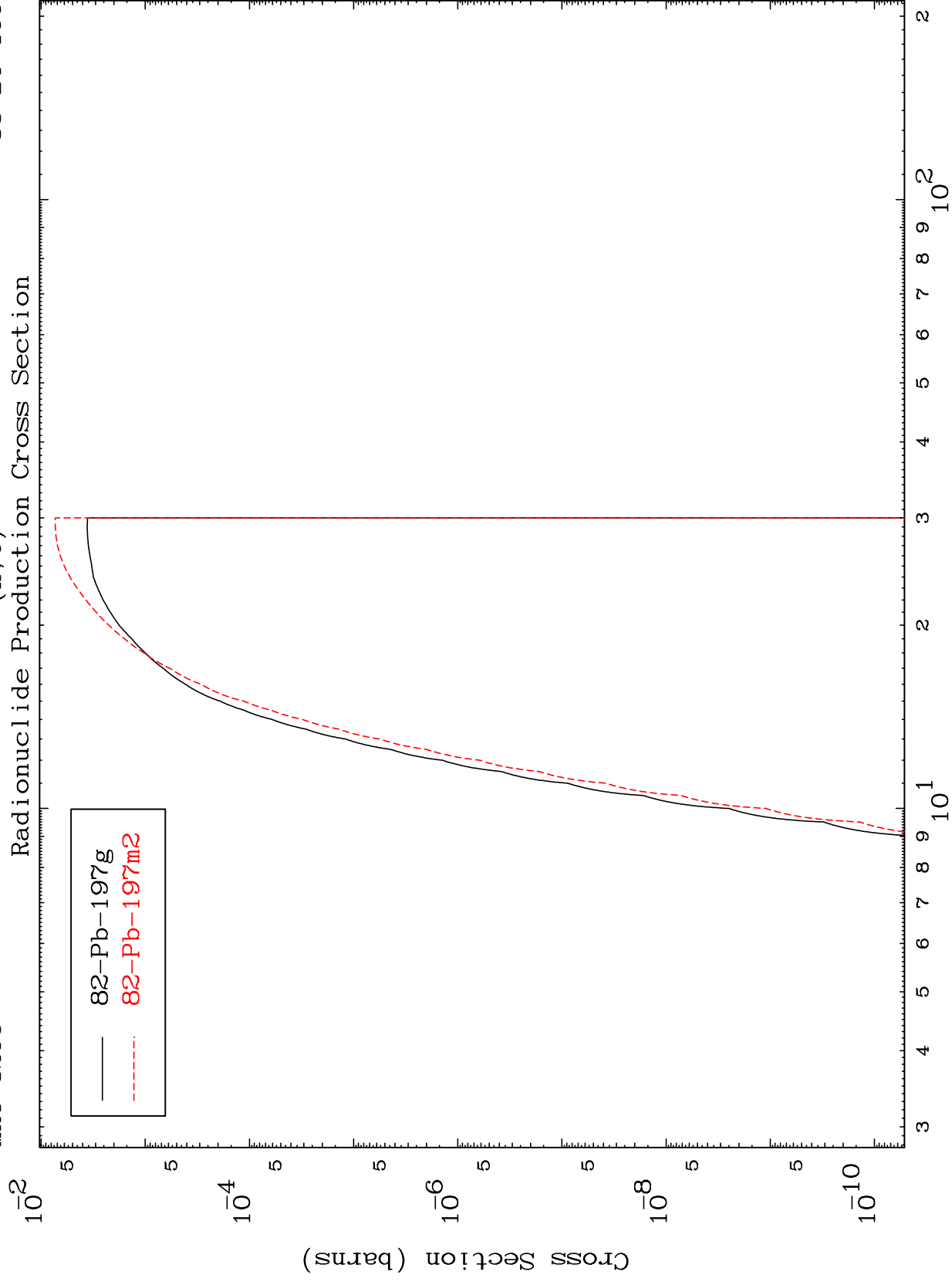
105

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83-Bi-199

 (n, t)

Radionuclide Production Cross Section



106

Incident Energy (MeV)

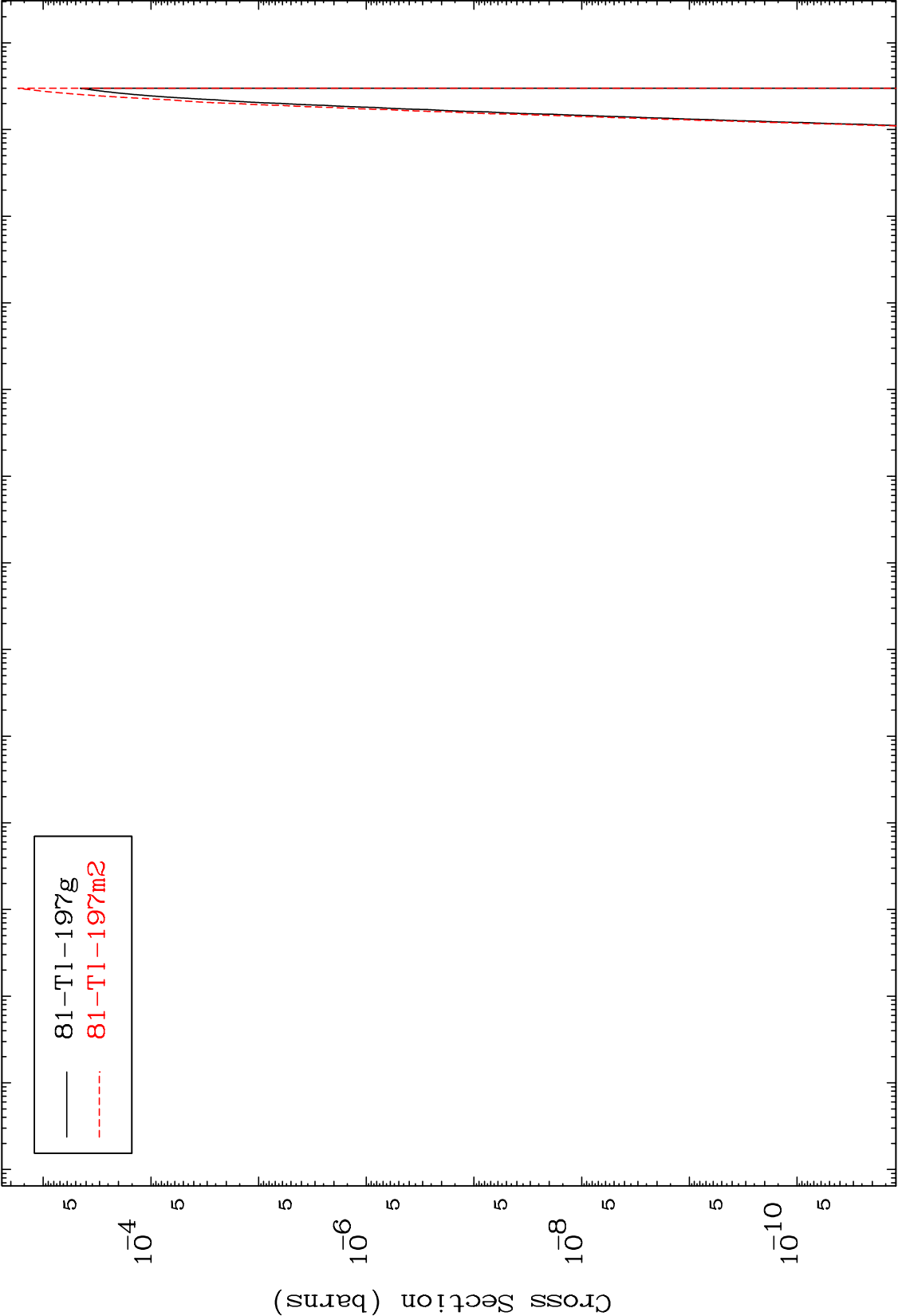
83-Bi-199

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(n,He-3)

83-Bi-199

Radionuclide Production Cross Section



107

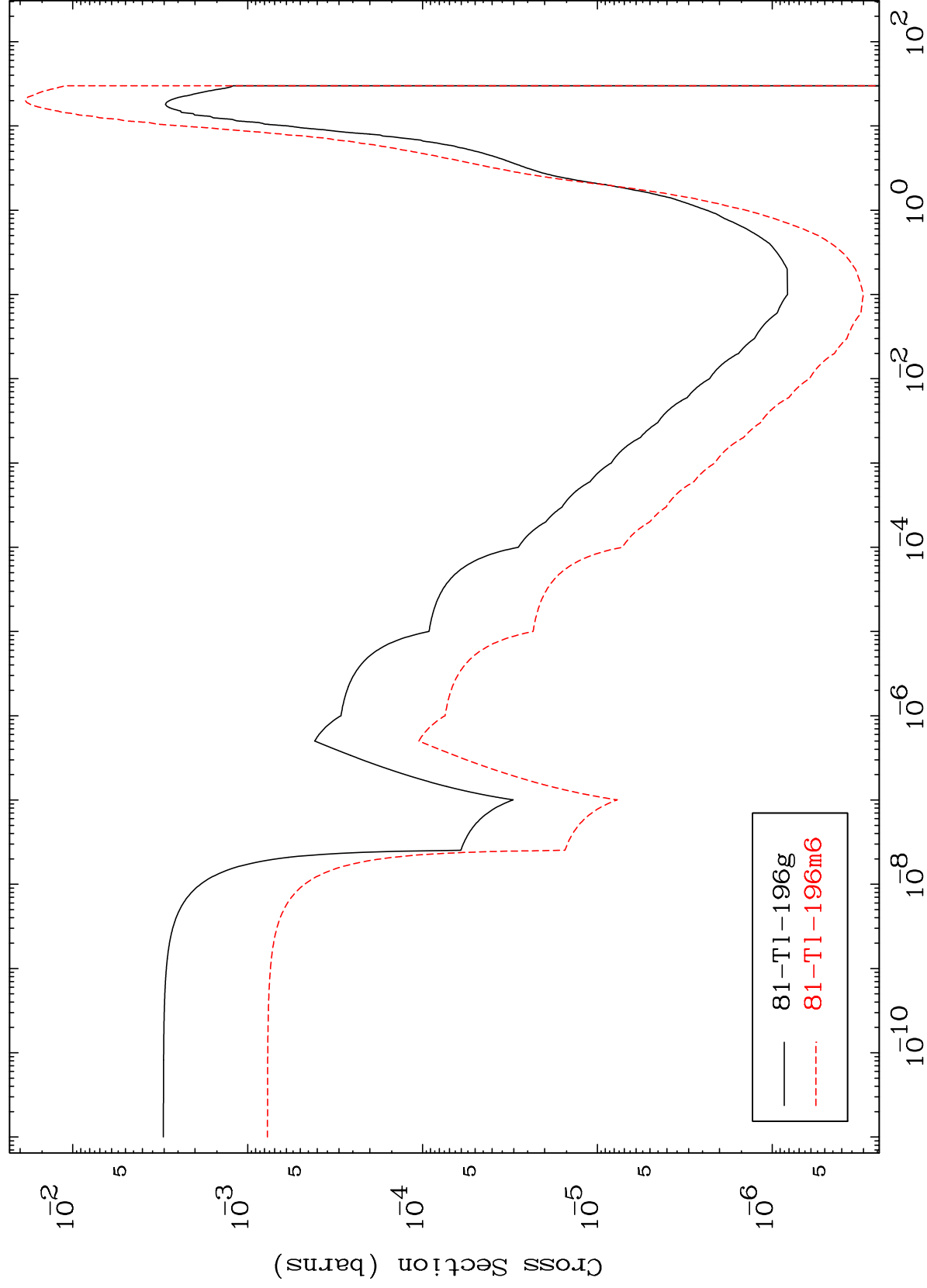
Incident Energy (MeV)

83-Bi-199

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83-Bi-199

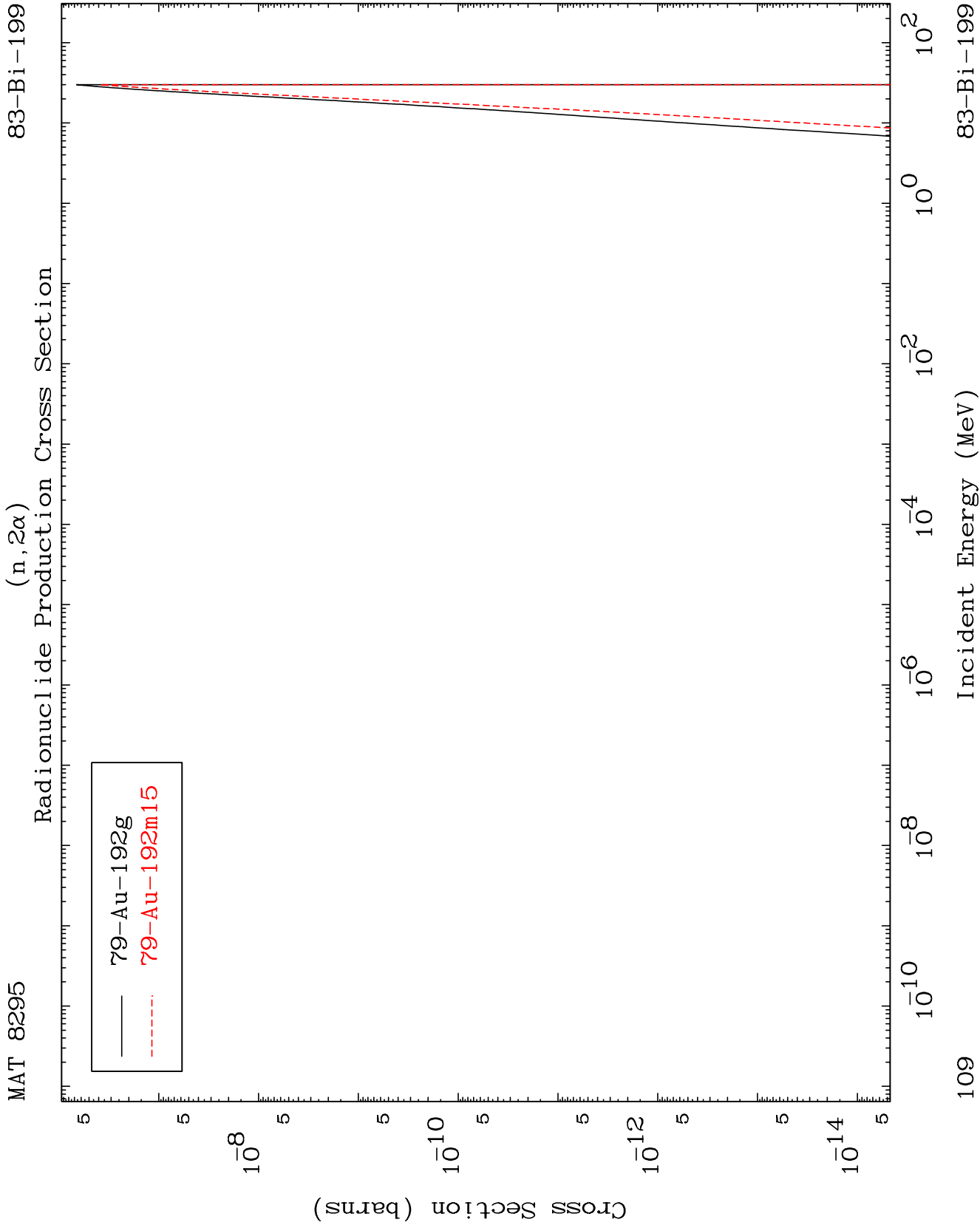
(n, α)
Radionuclide Production Cross Section



83-Bi-199

Incident Energy (MeV)

108

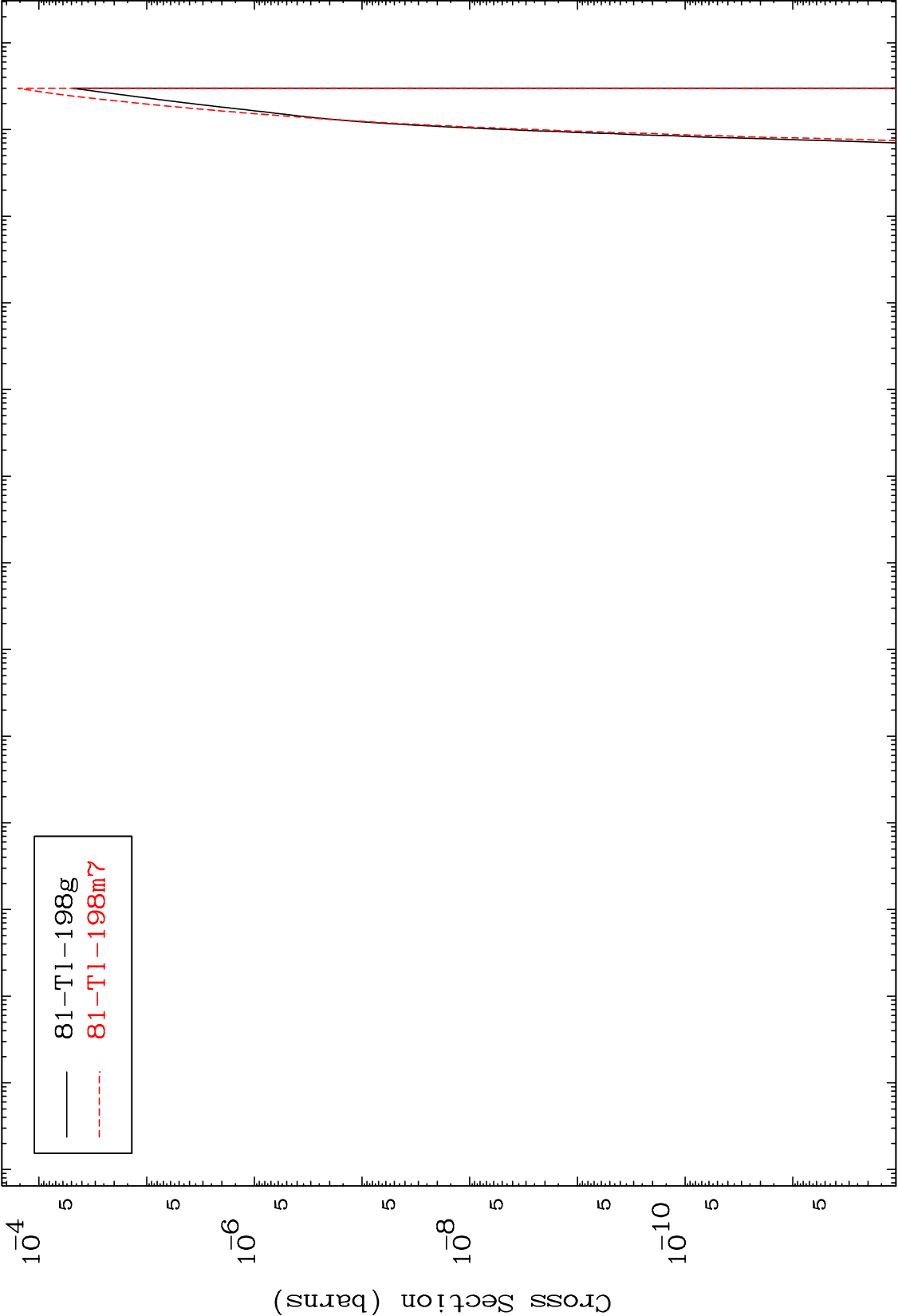


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(n,2p)

83-Bi-199

Radionuclide Production Cross Section

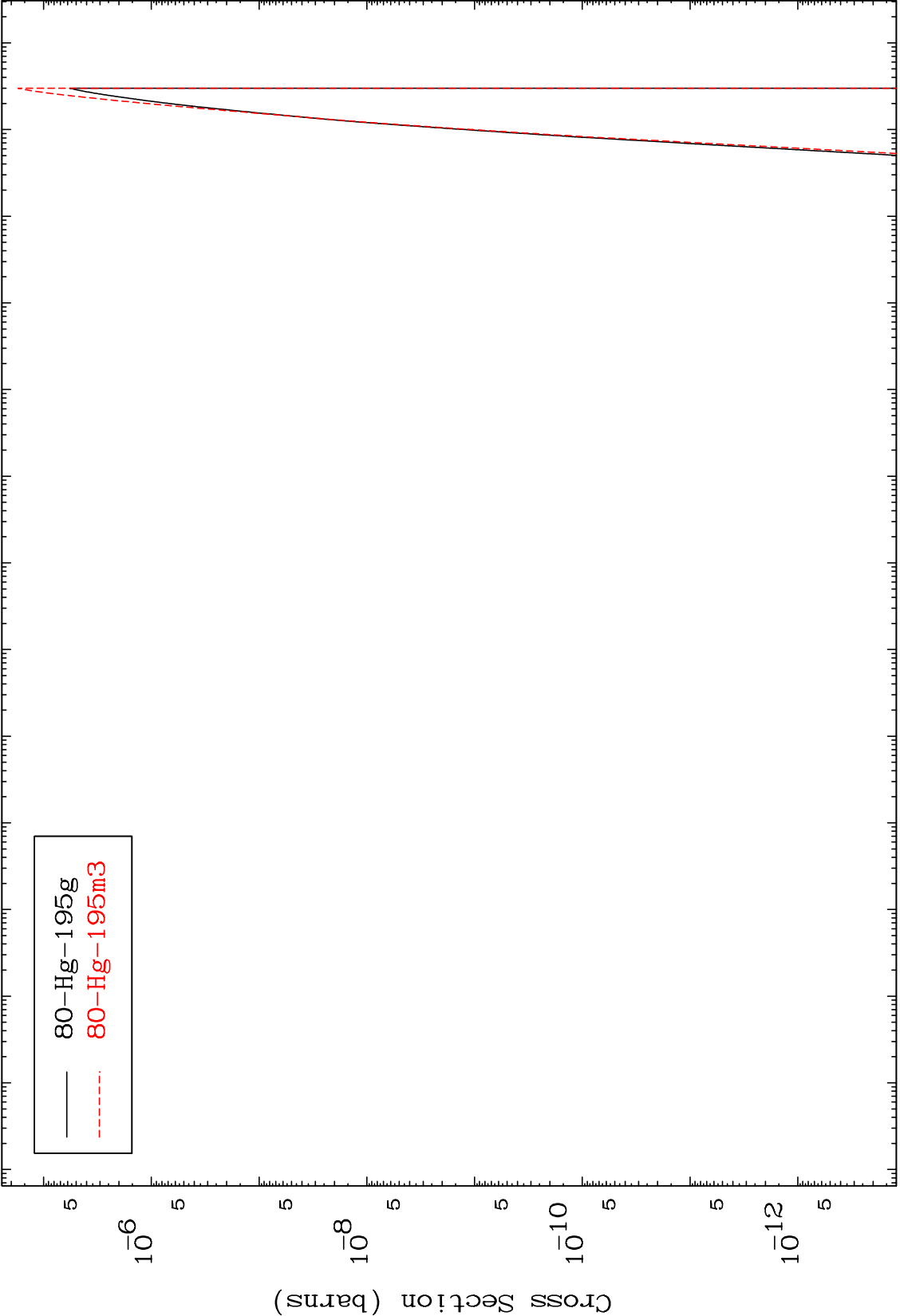


110

Incident Energy (MeV)

83-Bi-199

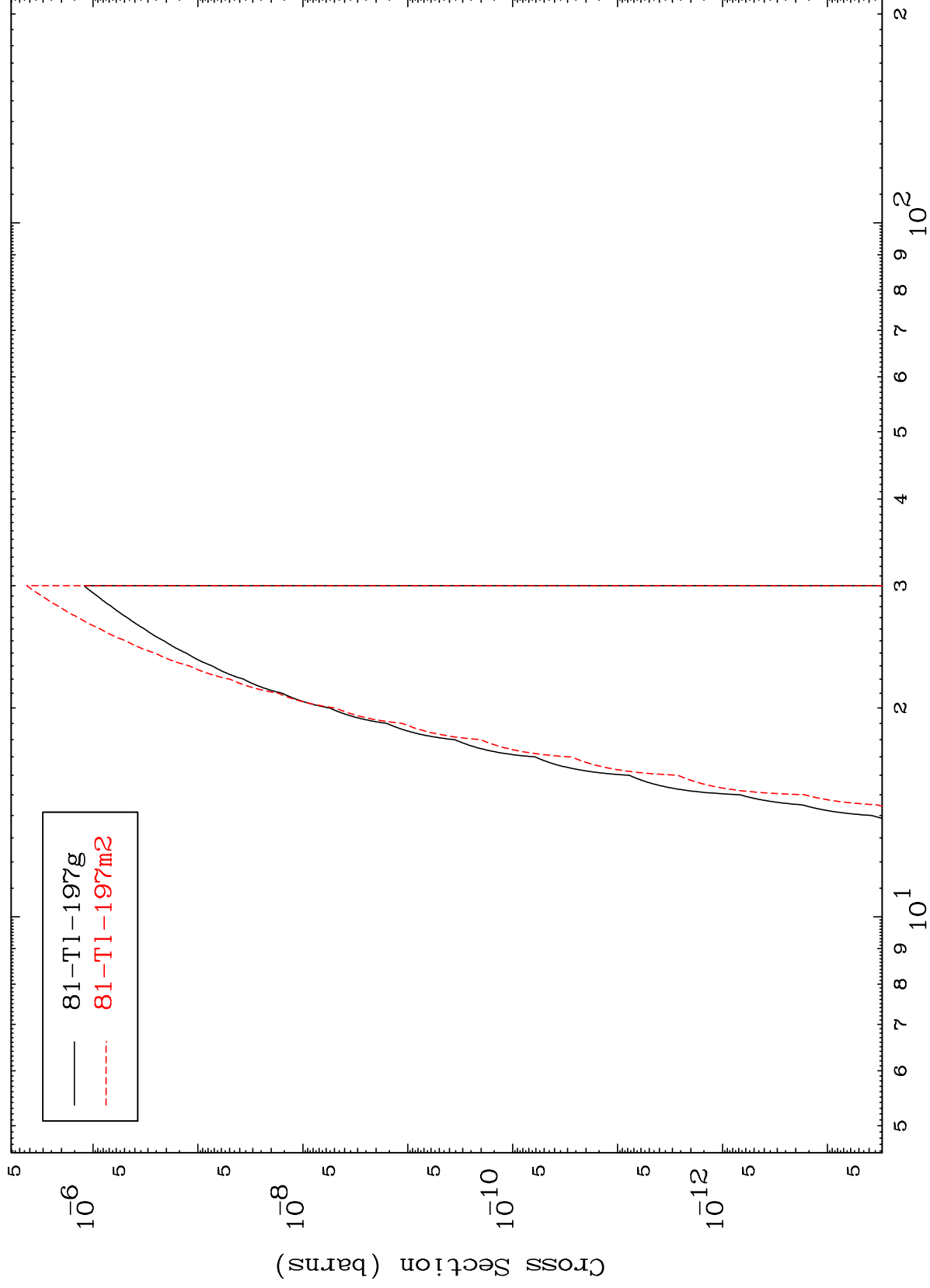
Radionuclide Production Cross Section



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83-Bi-199

(n,p) d
Radionuclide Production Cross Section



112

Incident Energy (MeV)

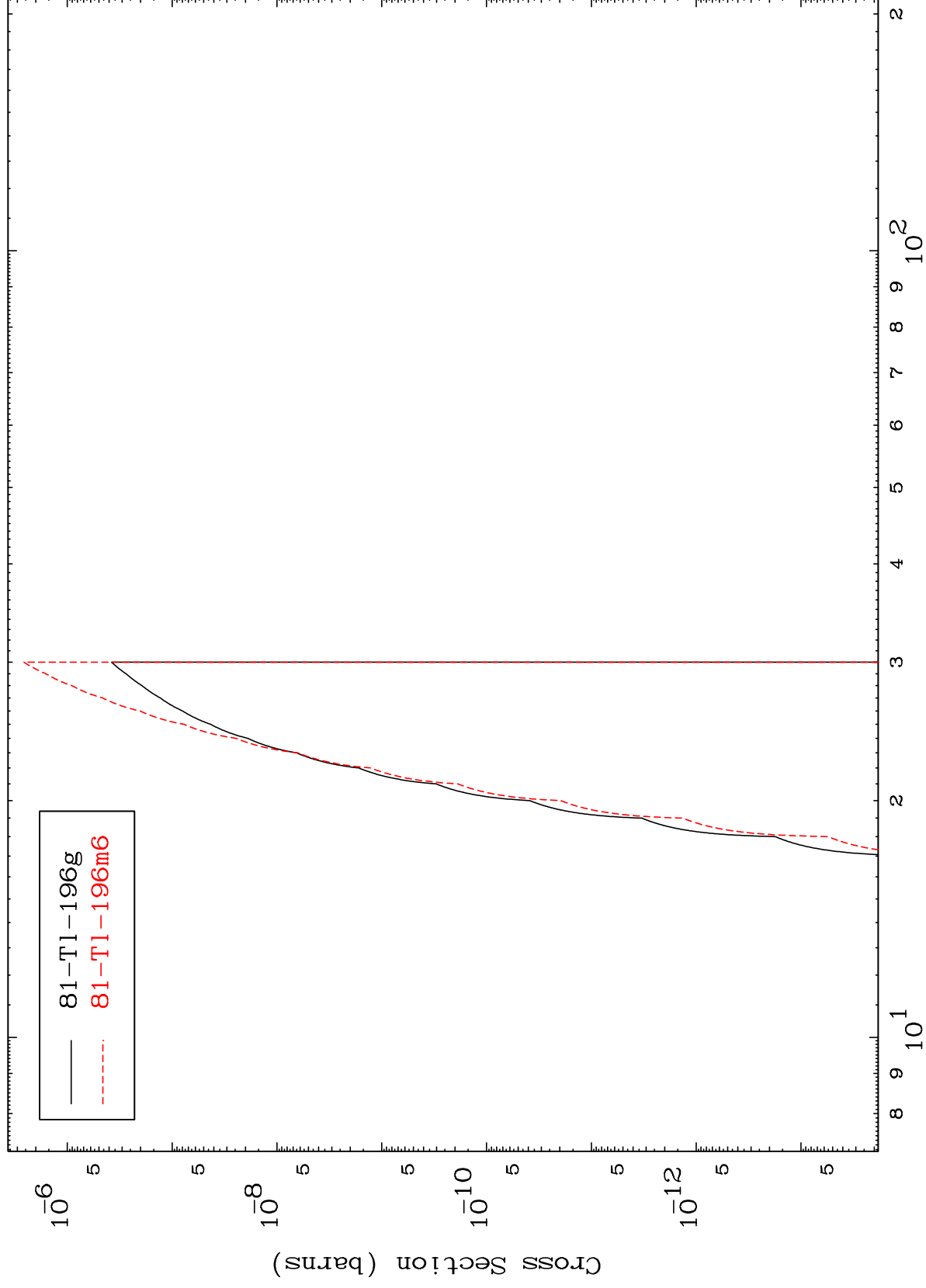
83-Bi-199

MAT 8295

(n,p) t

83-Bi-199

Radionuclide Production Cross Section



113

Incident Energy (MeV)

83-Bi-199