

Program EVALPLOT
(Version 2021-1)

by

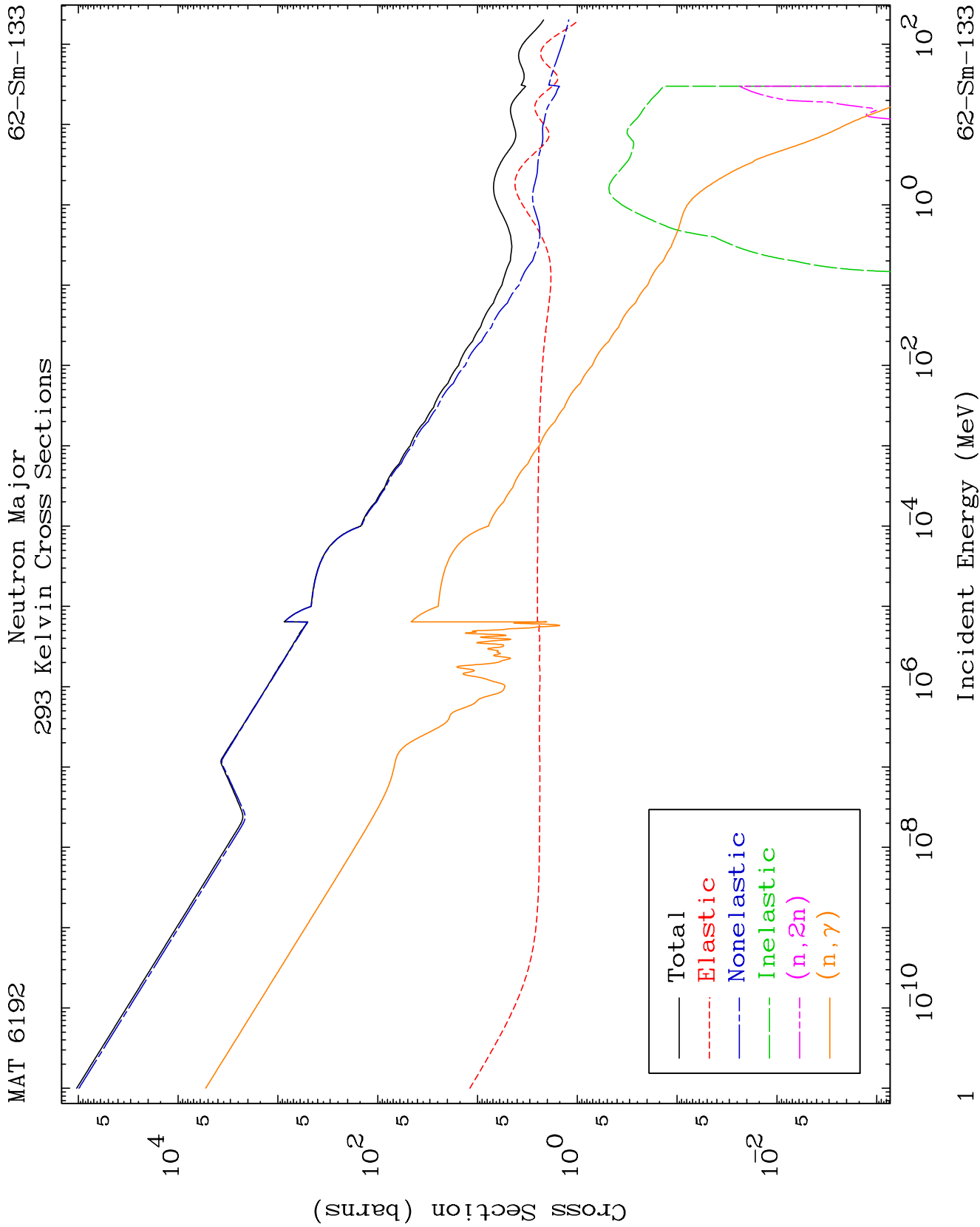
Dermott E. Cullen
(Present Contact Information)

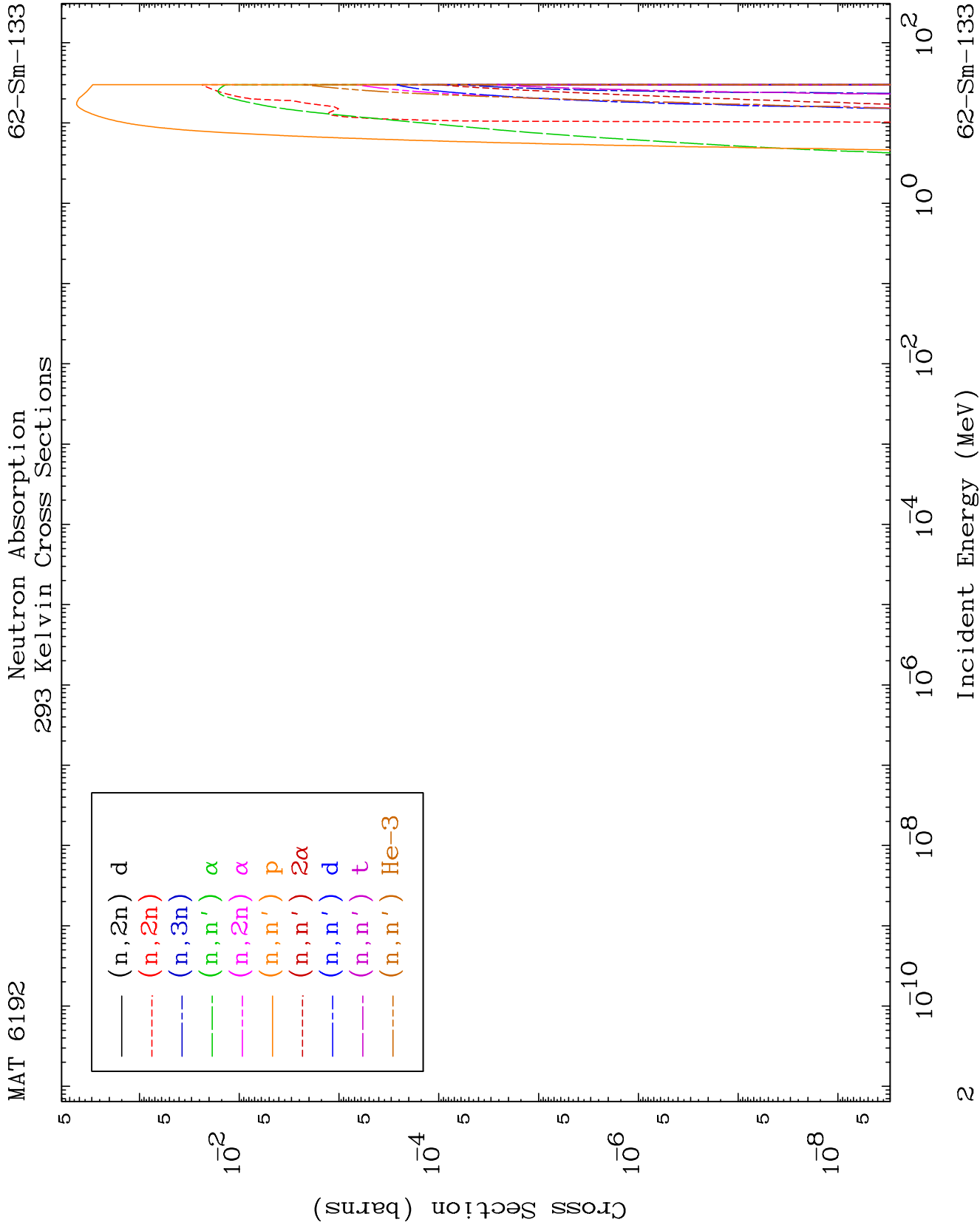
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Livermore, CA 94550
U.S.A.

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

Press Mouse Button to Start

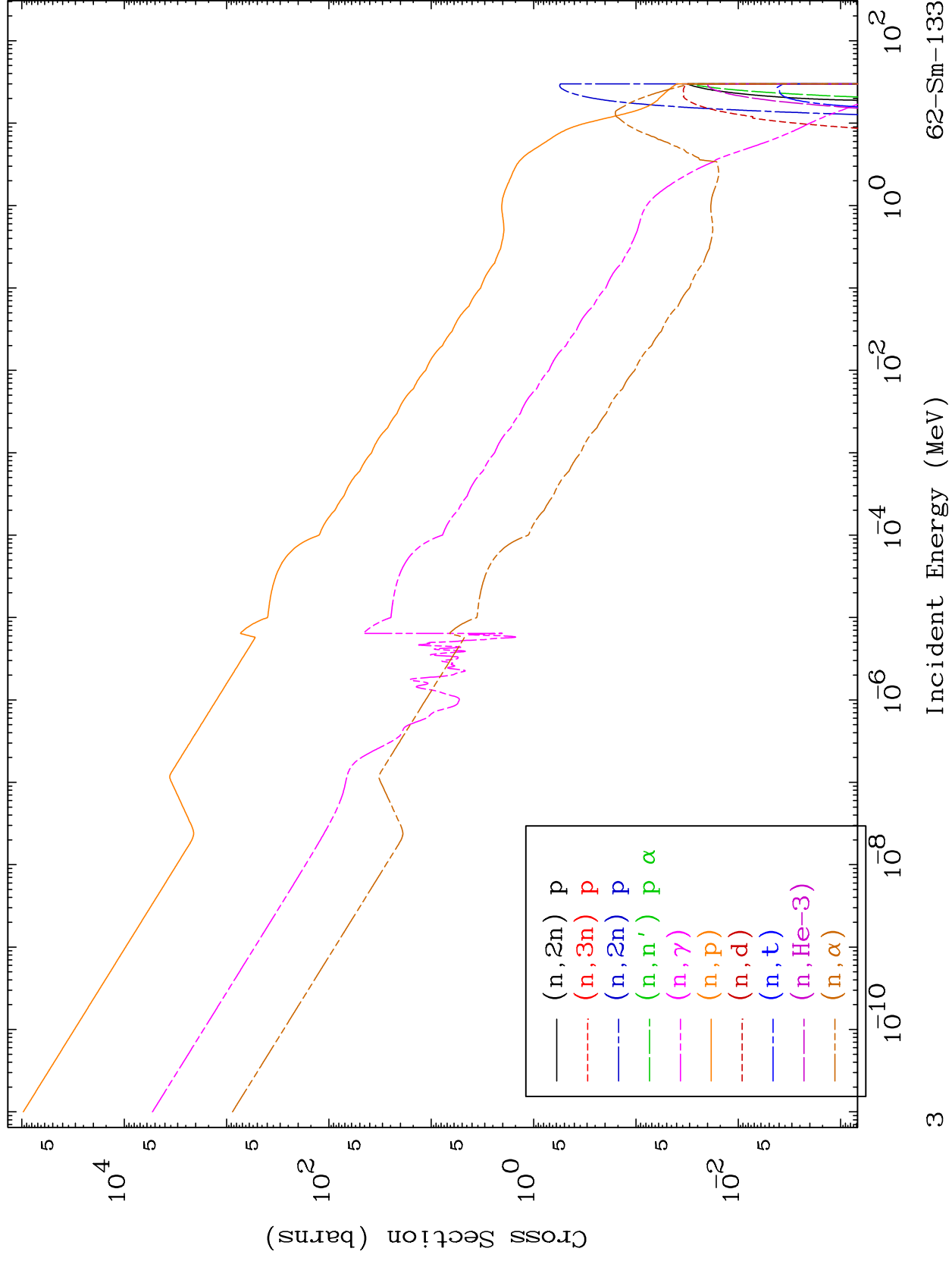




MAT 6192

Neutron Absorption
293 Kelvin Cross Sections

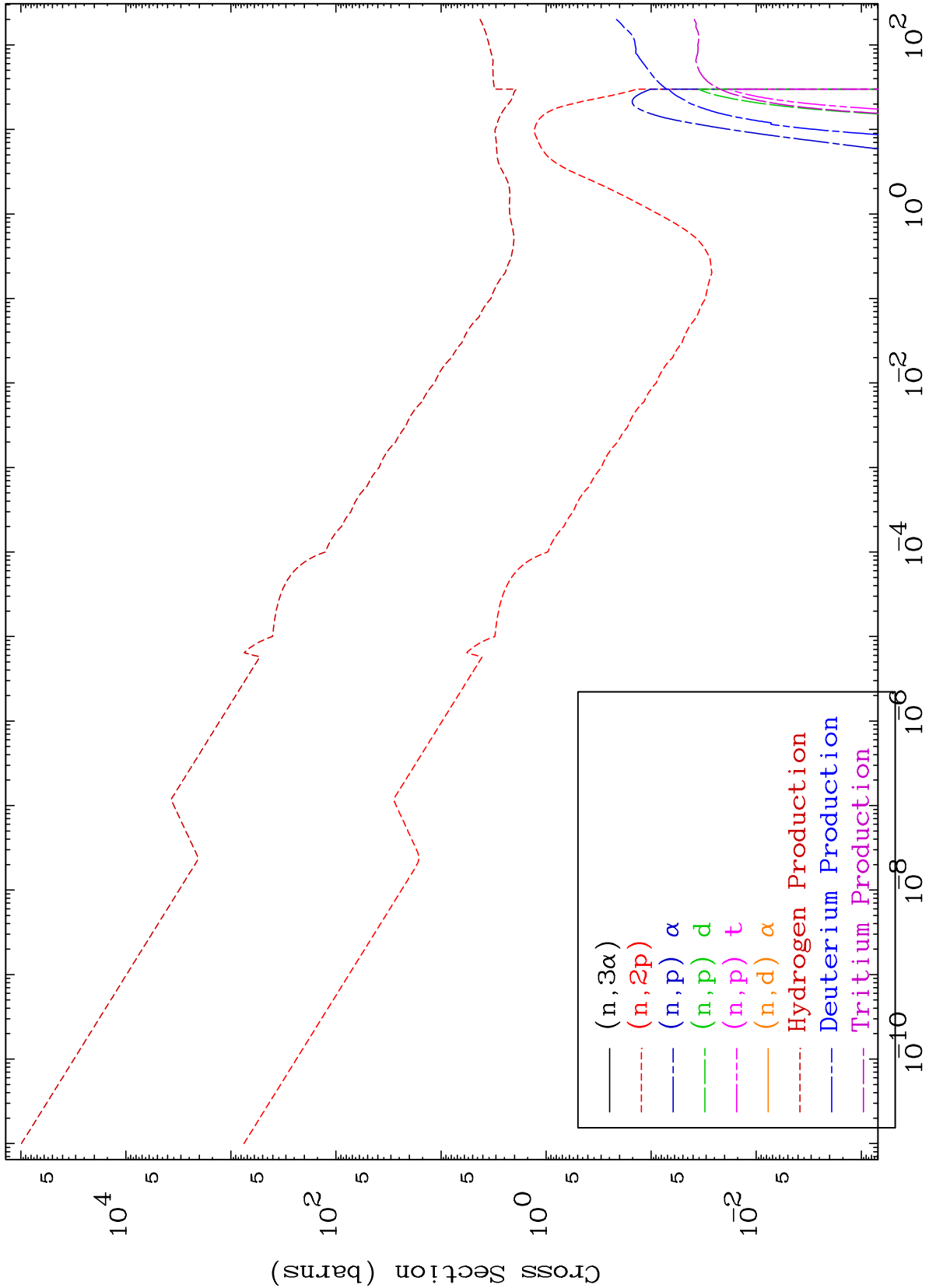
62-Sm-133



MAT 6192

Neutron Absorption
293 Kelvin Cross Sections

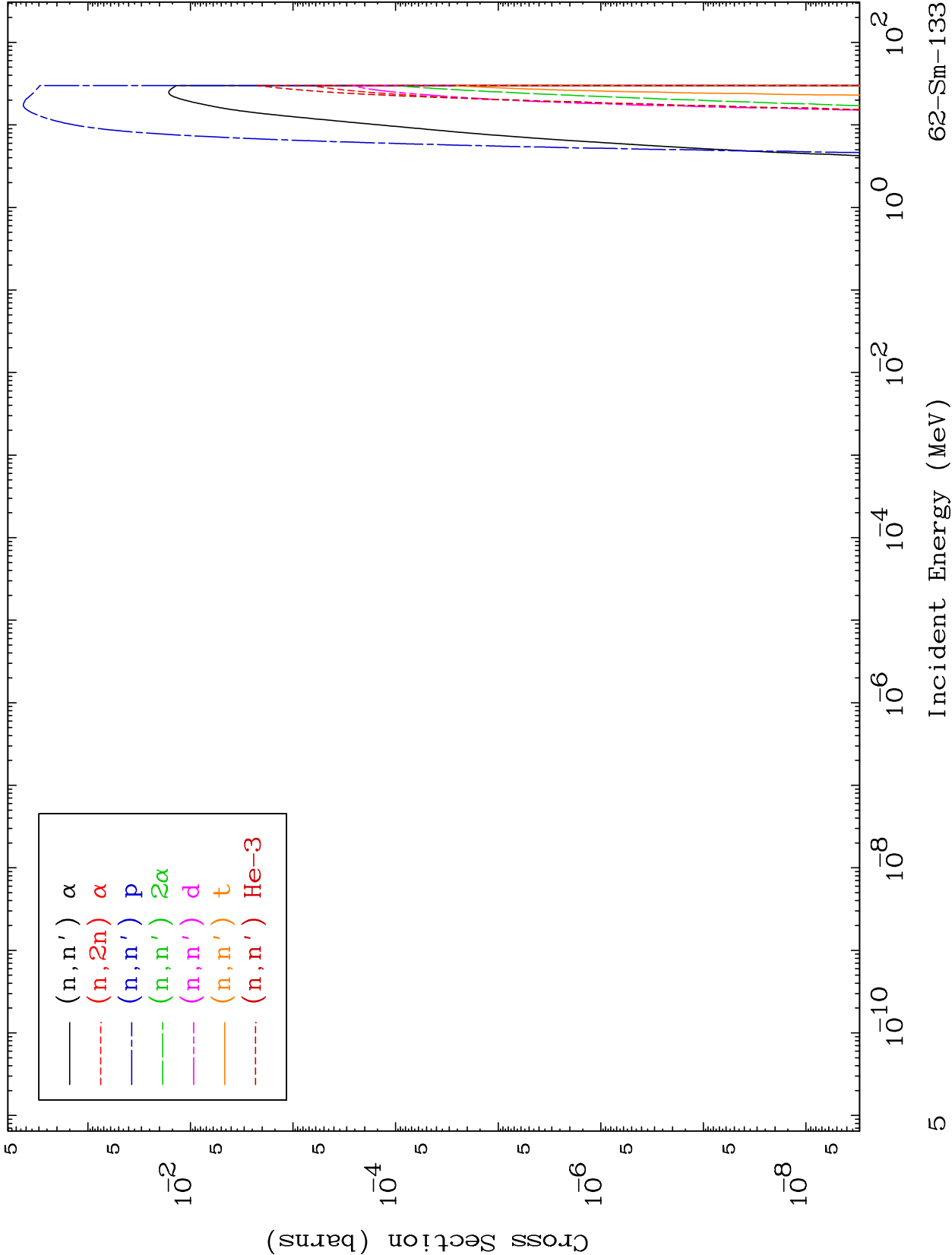
62-Sm-133



MAT 6192

Charged Particle
293 Kelvin Cross Sections

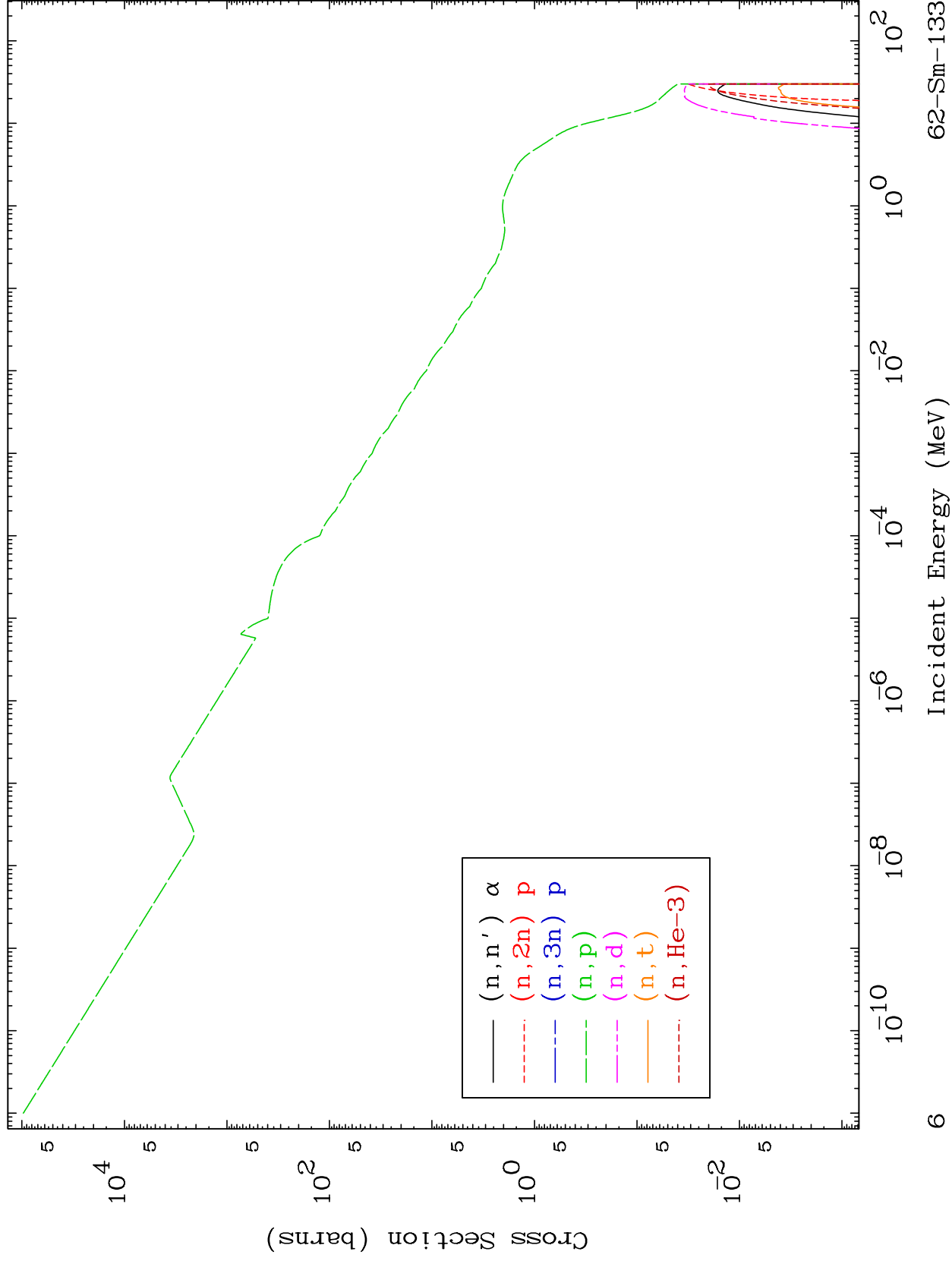
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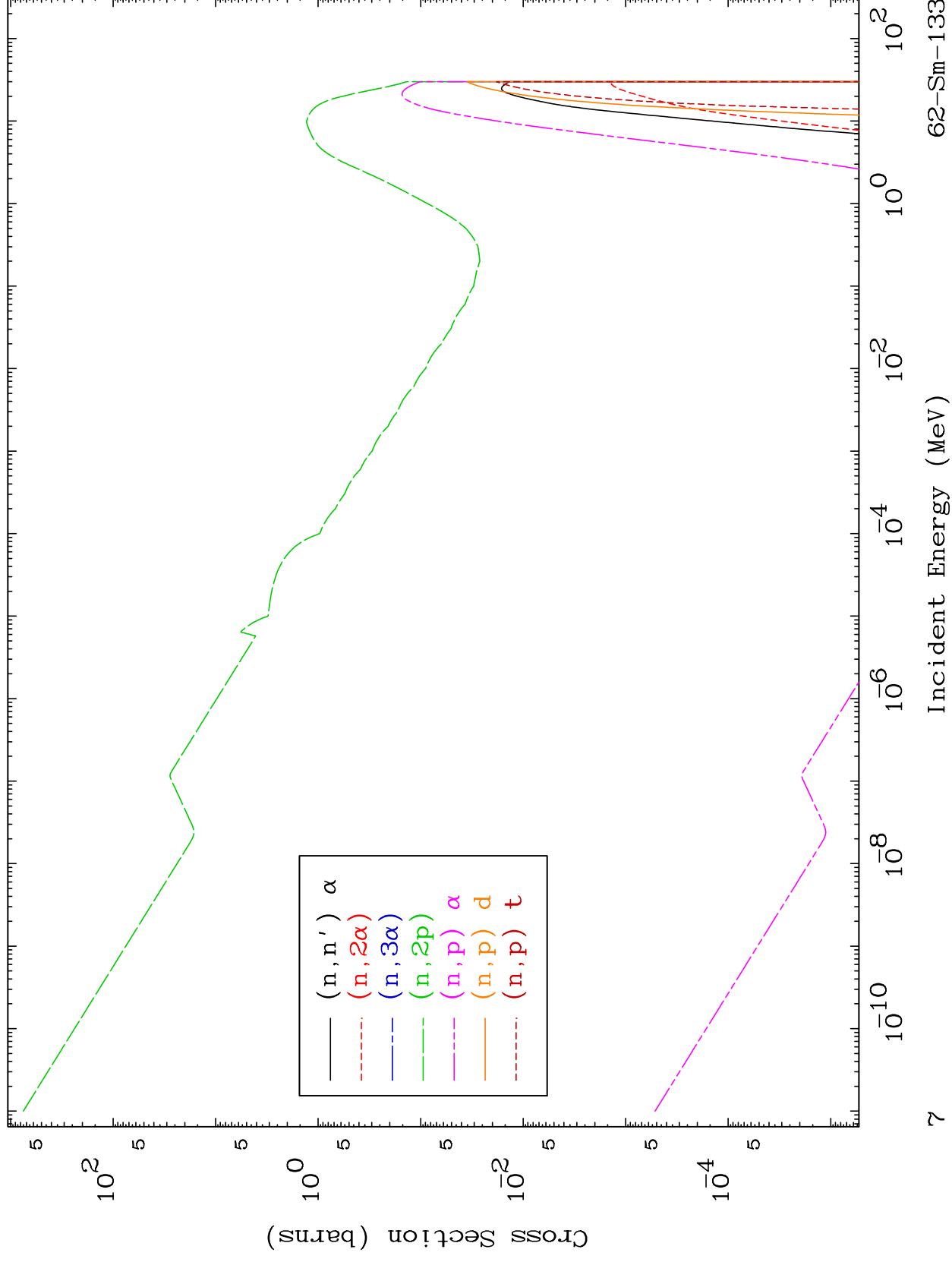


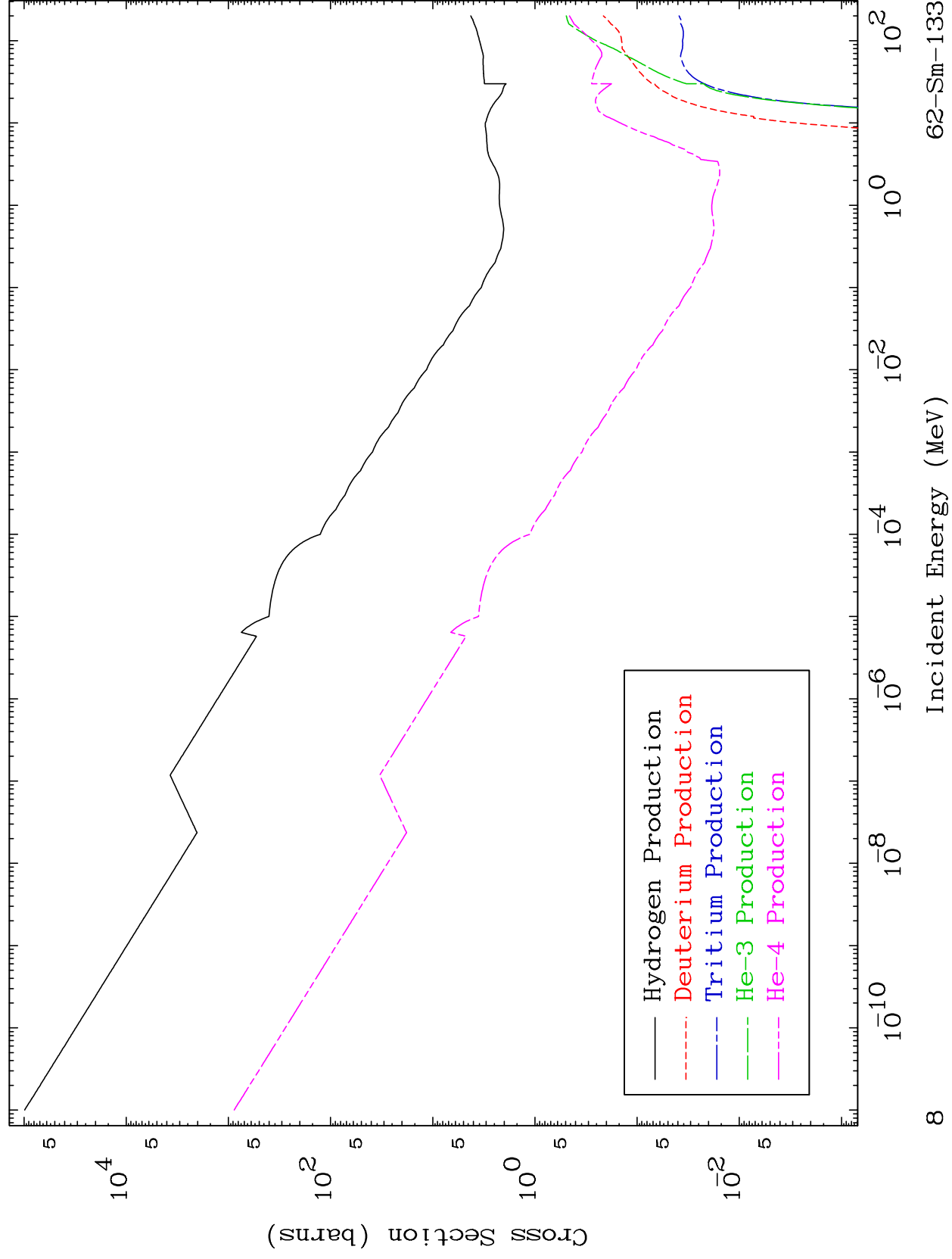
MAT 6192

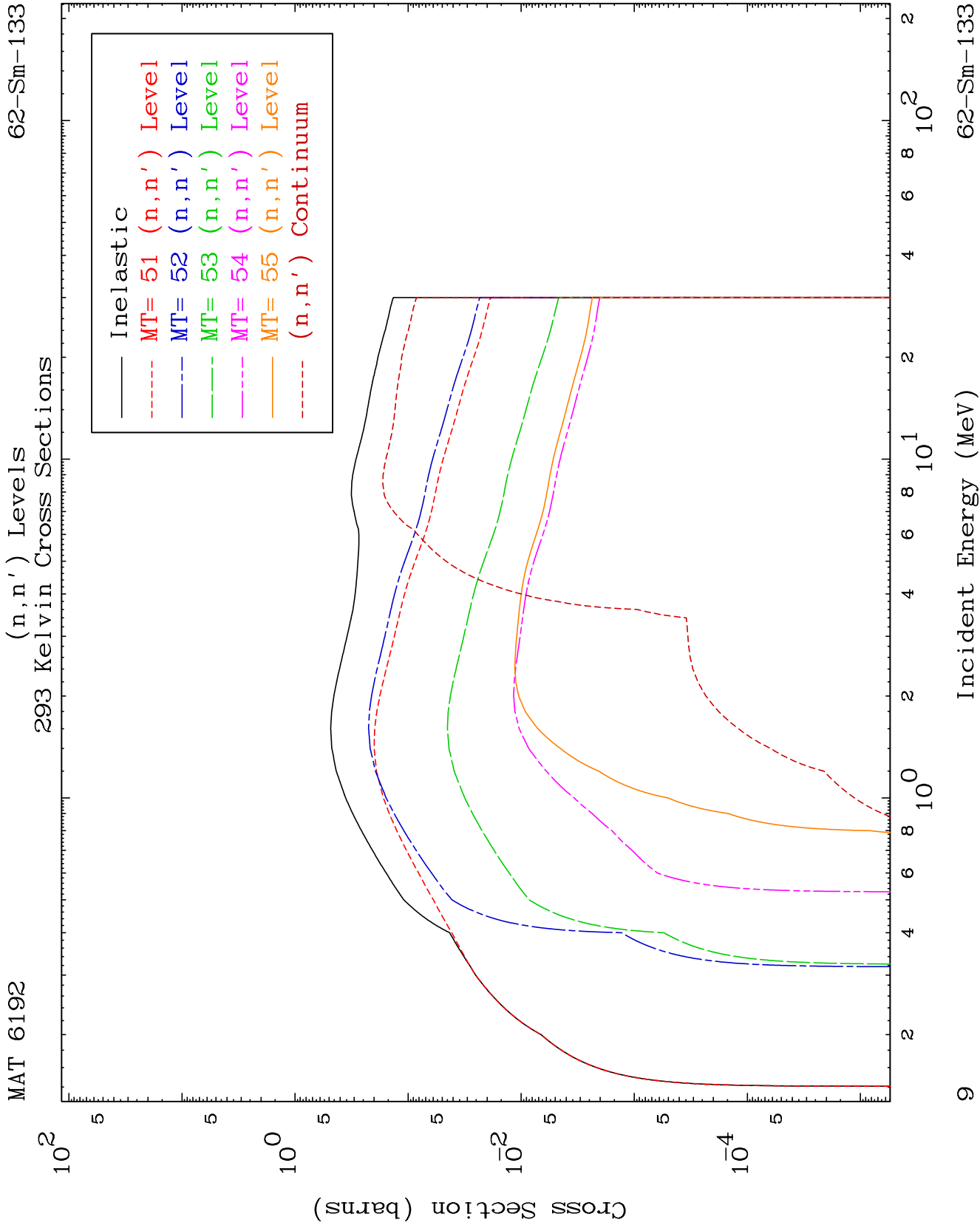
Charged Particle
293 Kelvin Cross Sections

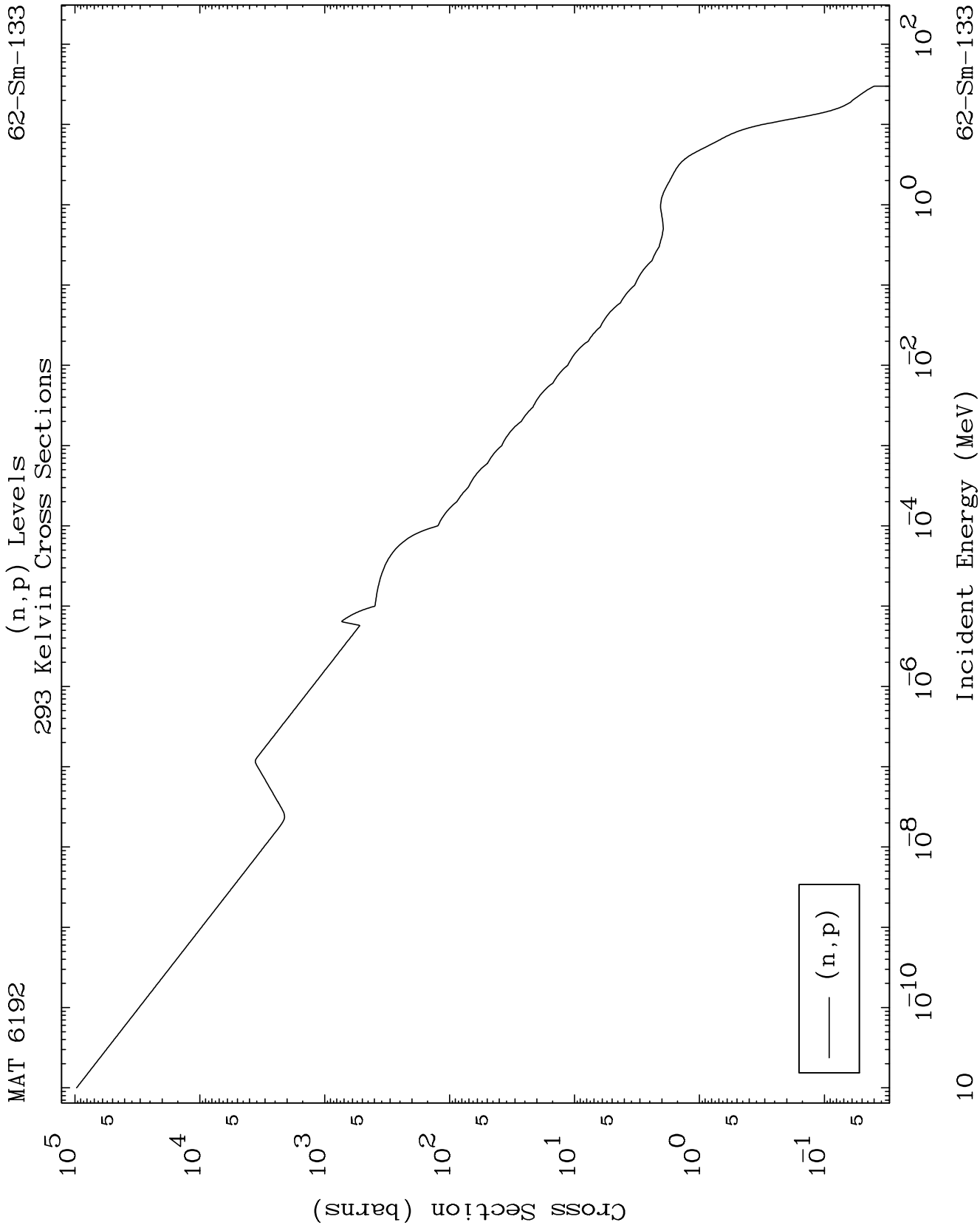
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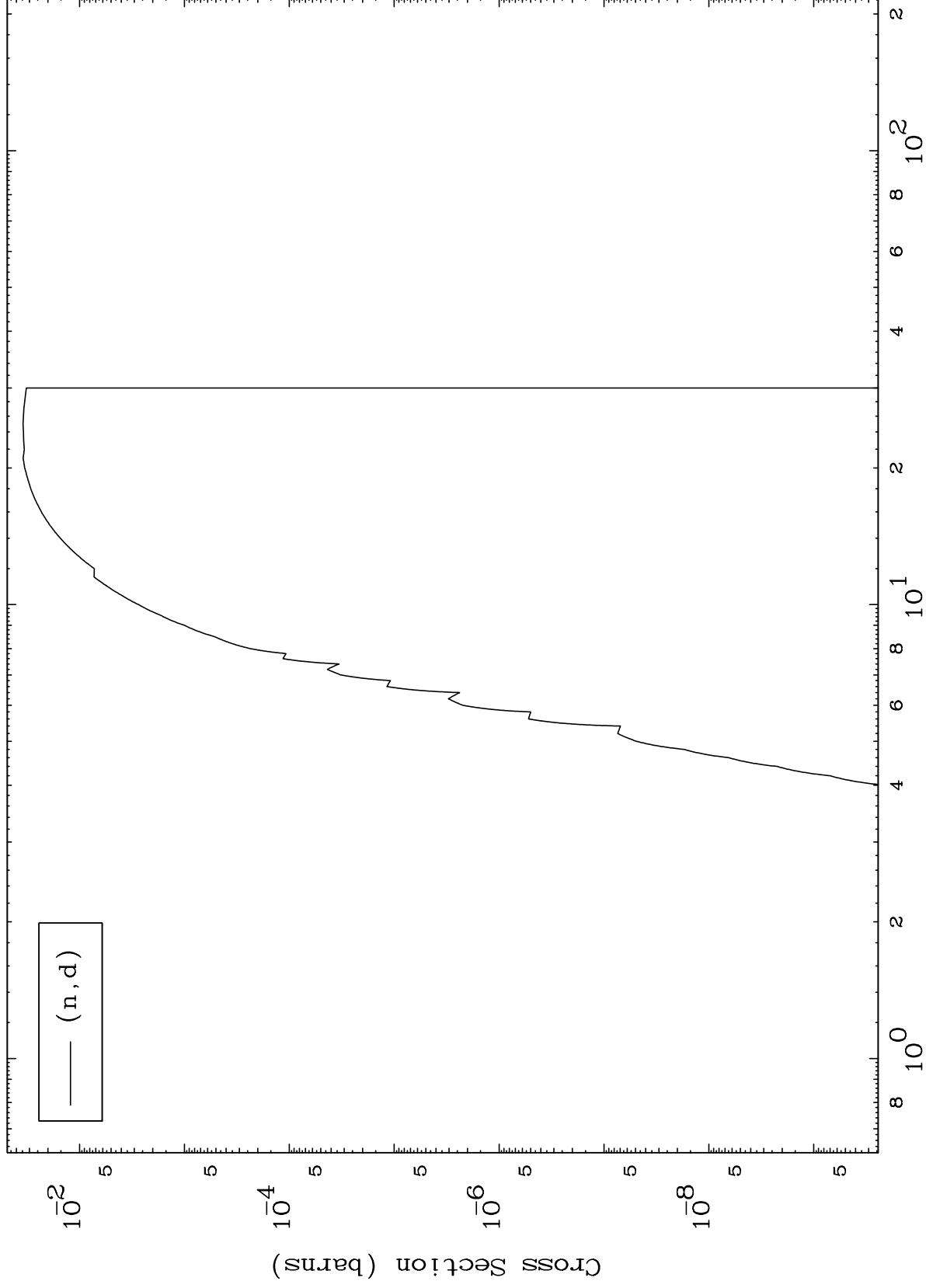




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62-Sm-133

(n,d) Levels
293 Kelvin Cross Sections



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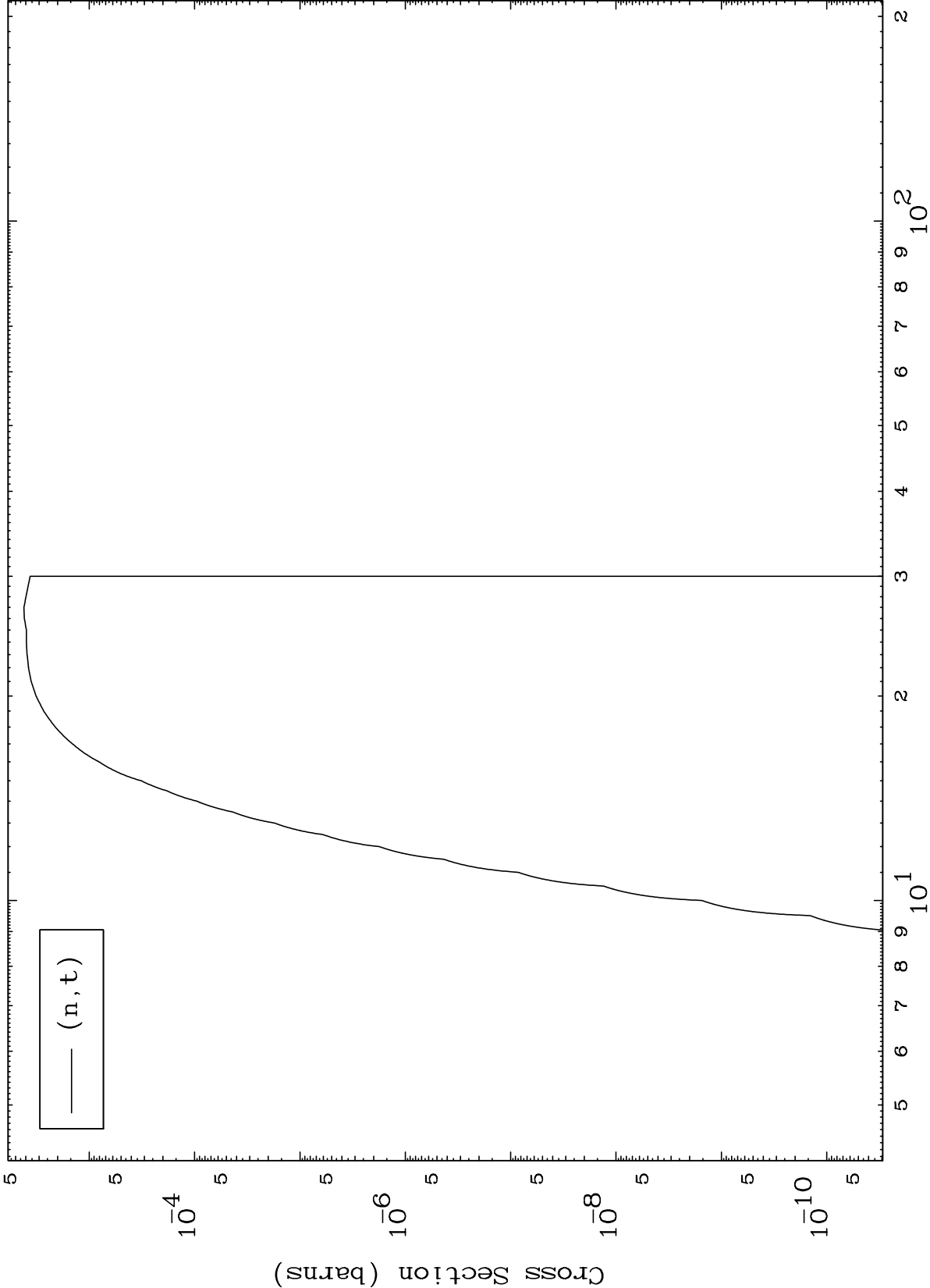
Incident Energy (MeV)

62-Sm-133

MAT 6192

62-Sm-133

(n,t) Levels
293 Kelvin Cross Sections



62-Sm-133

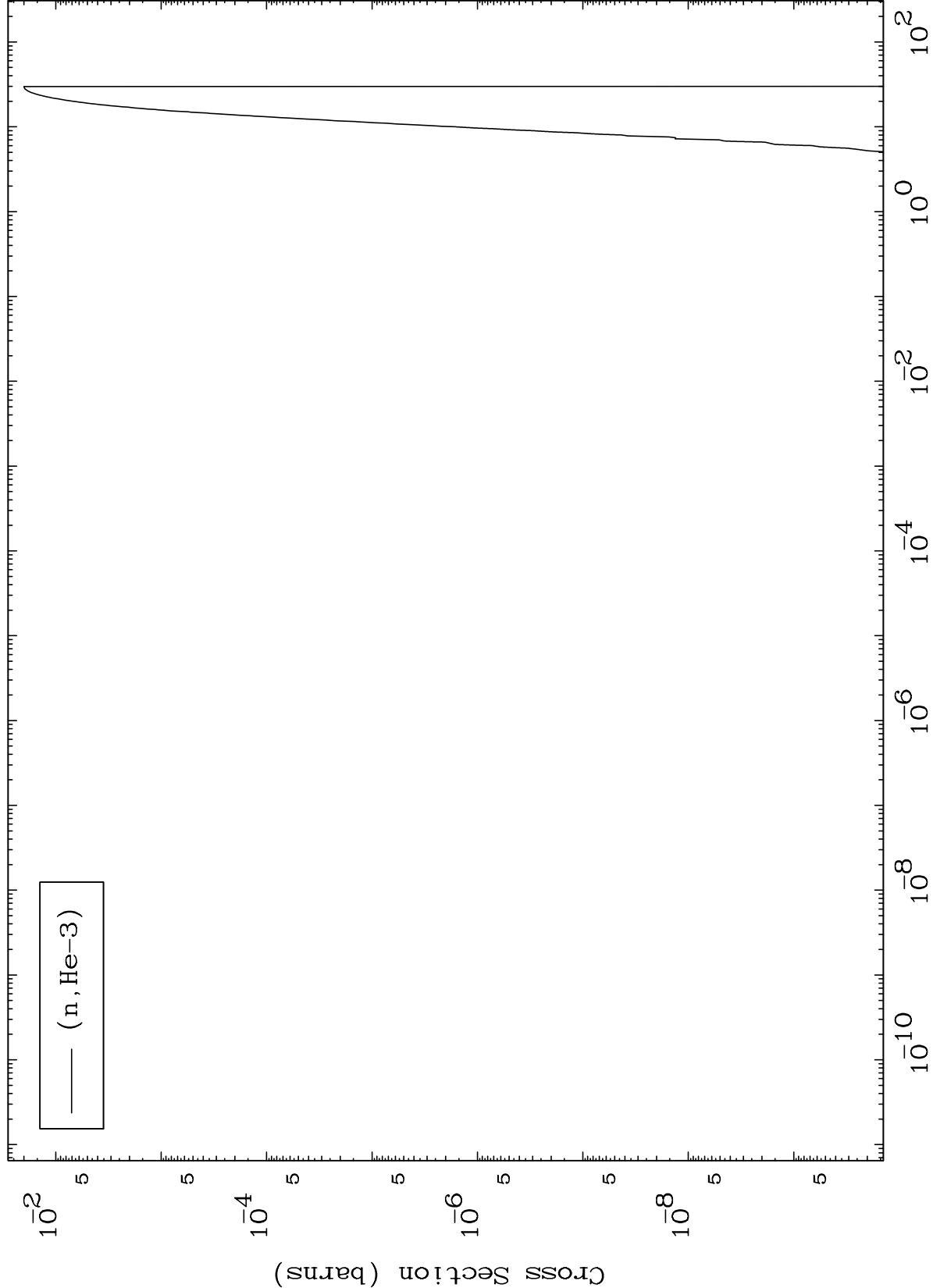
Incident Energy (MeV)

12

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(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-133



— (n, He-3)

13

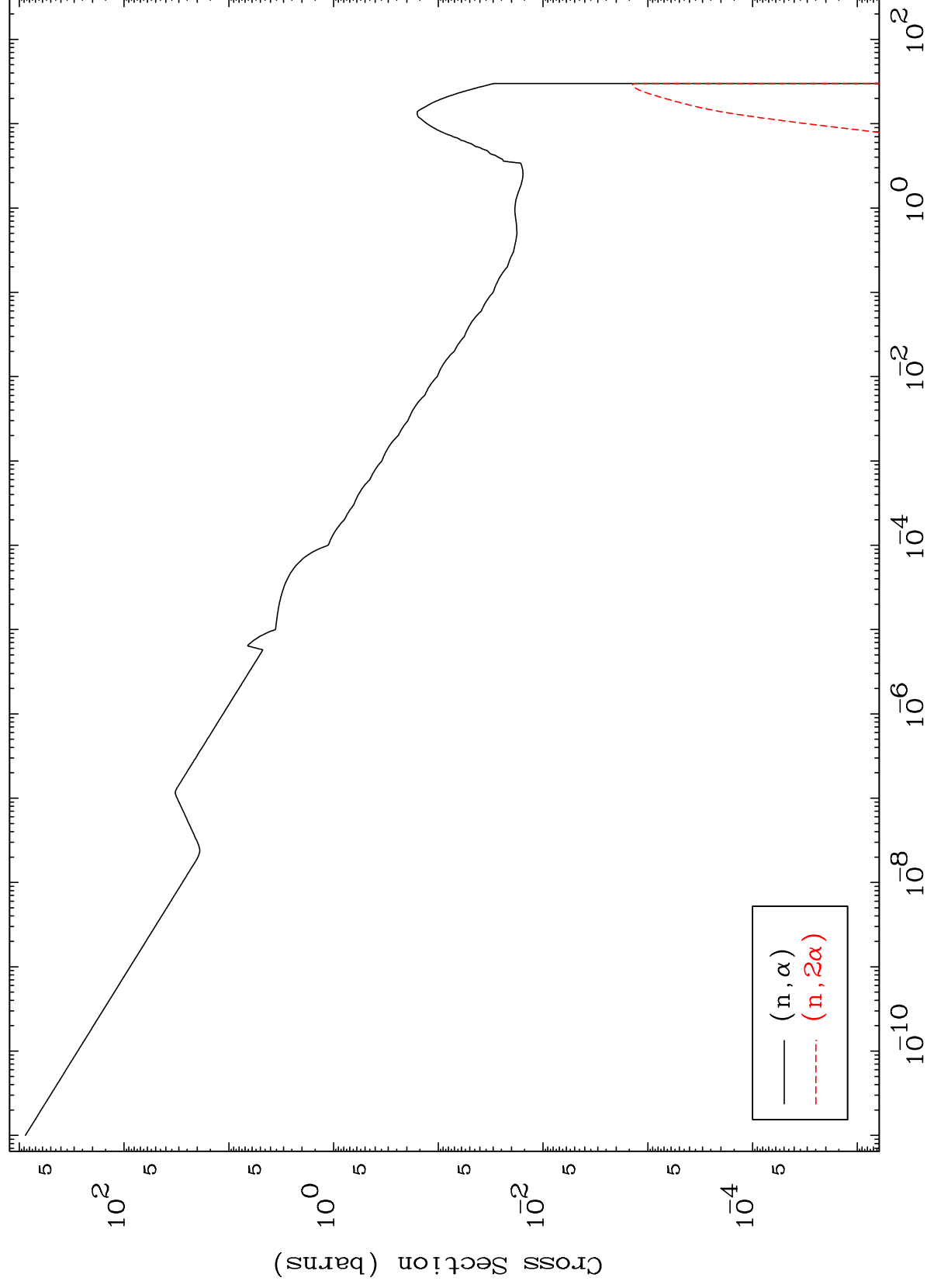
Incident Energy (MeV)

62-Sm-133

MAT 6192

(n, α) Levels
293 Kelvin Cross Sections

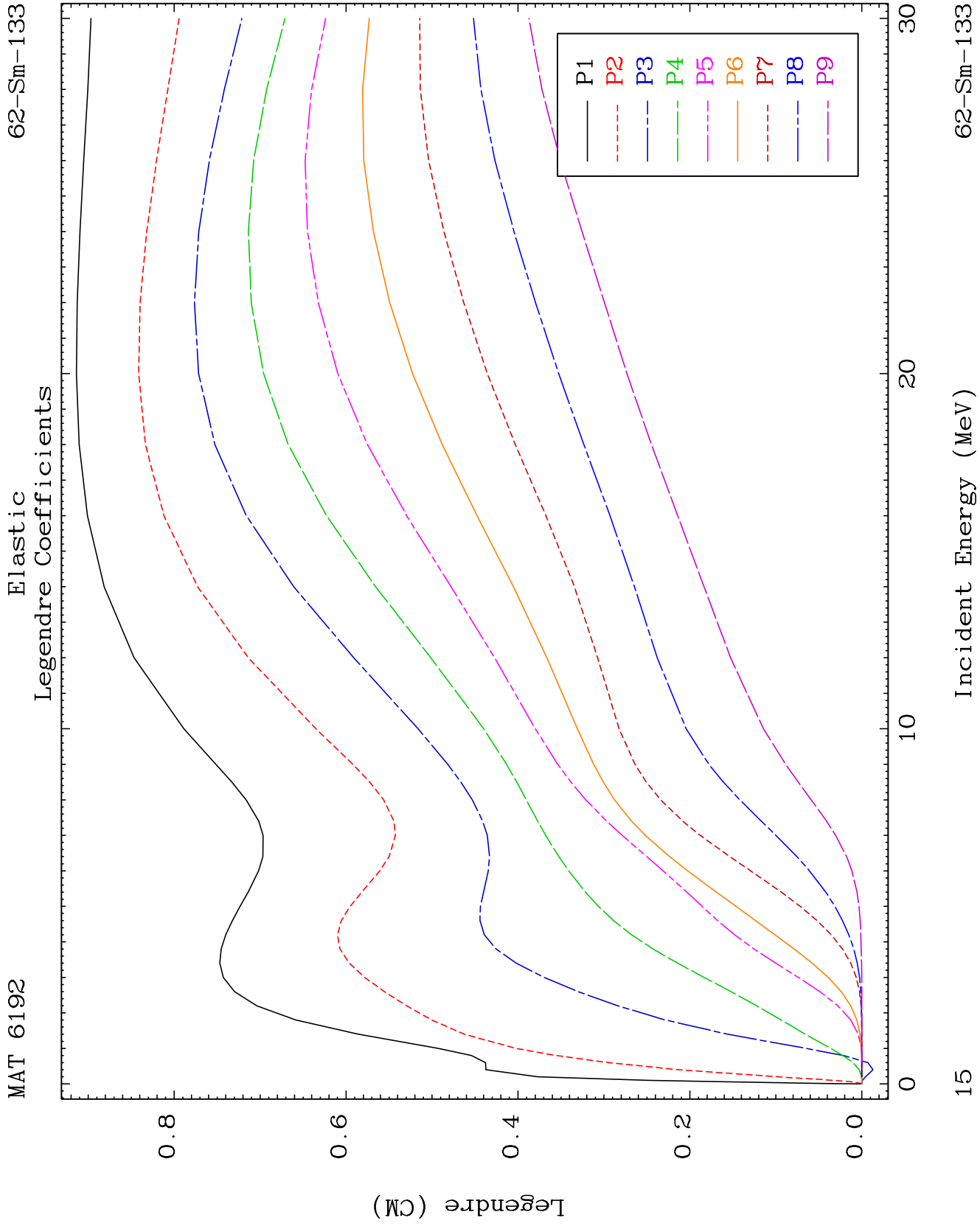
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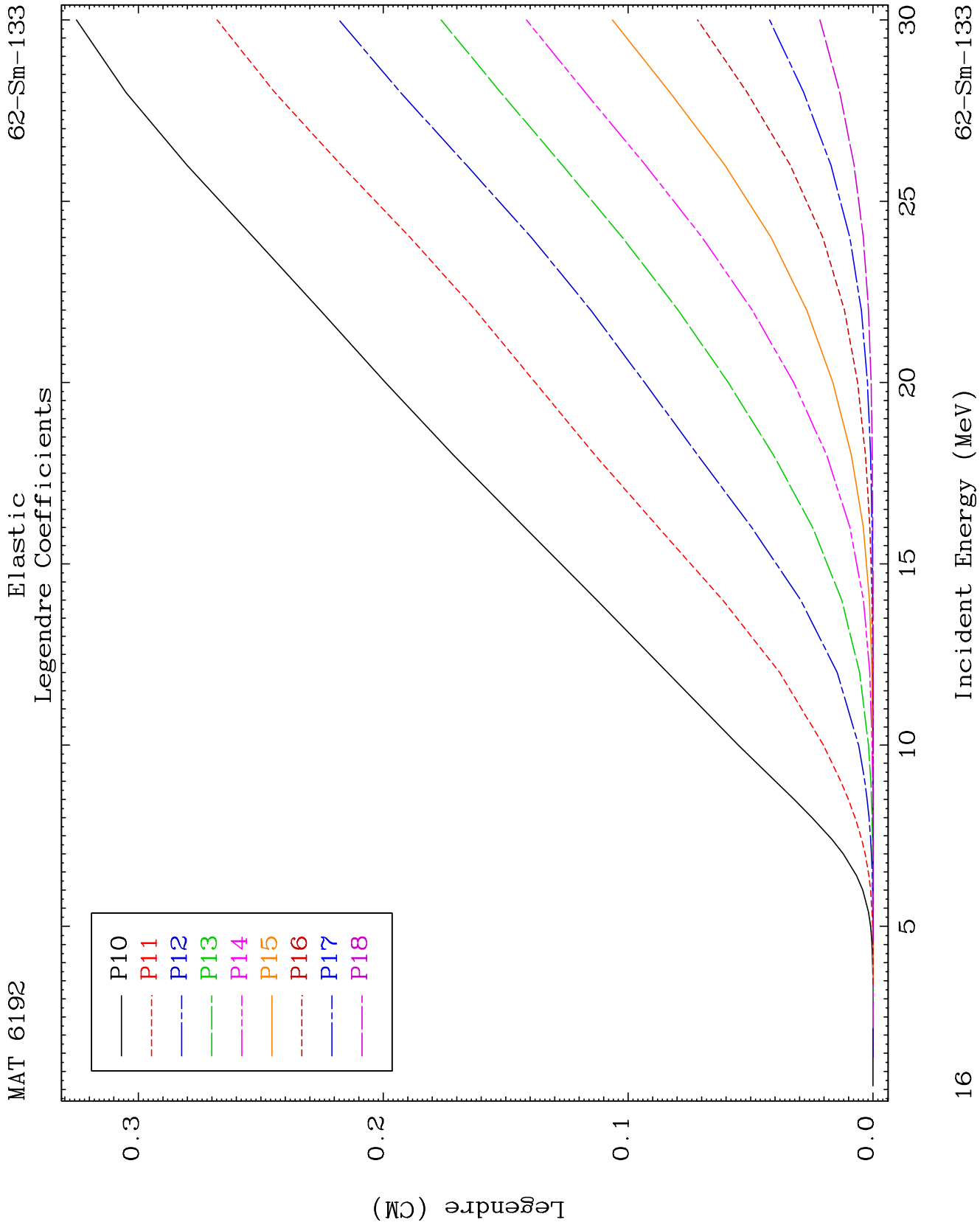


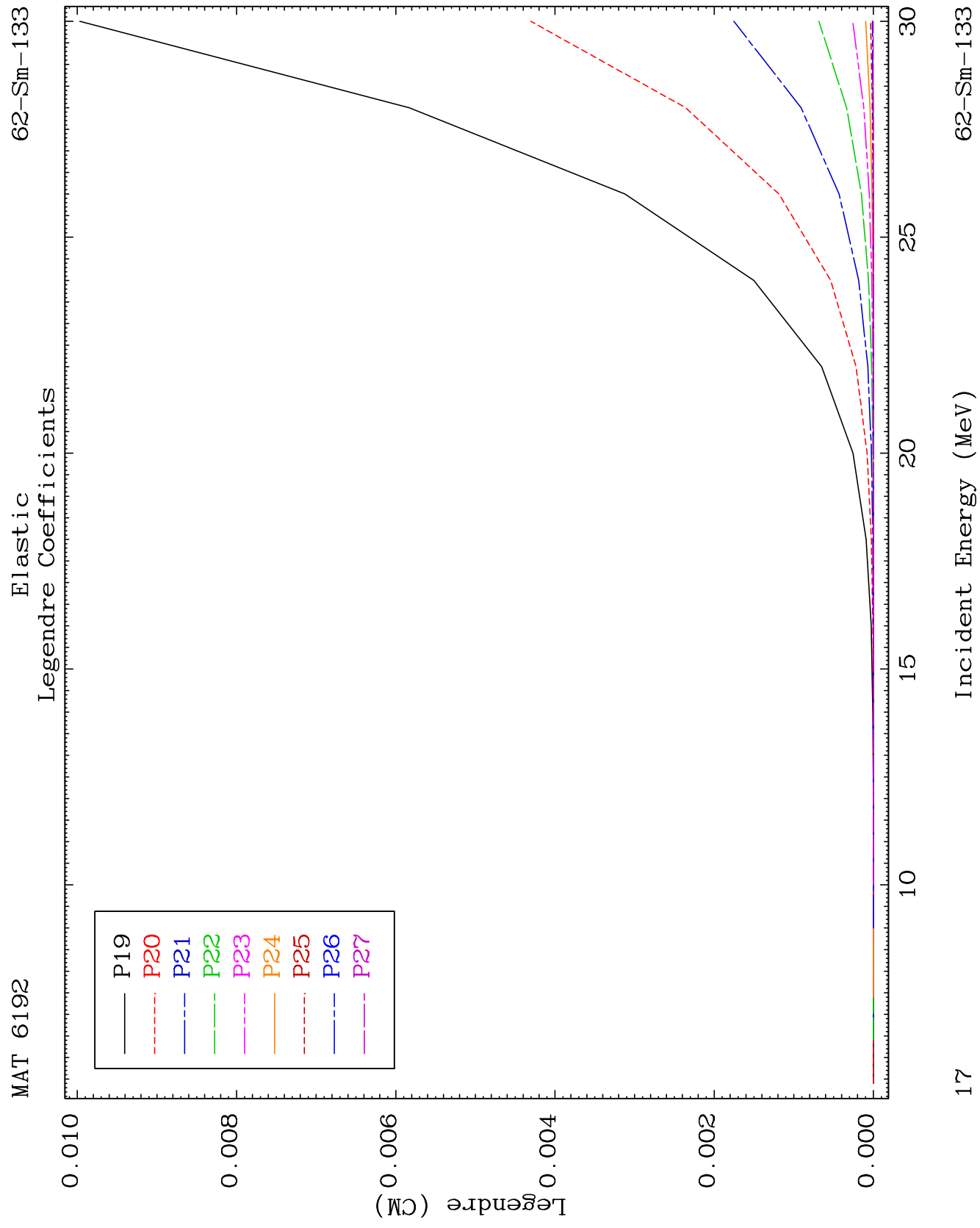
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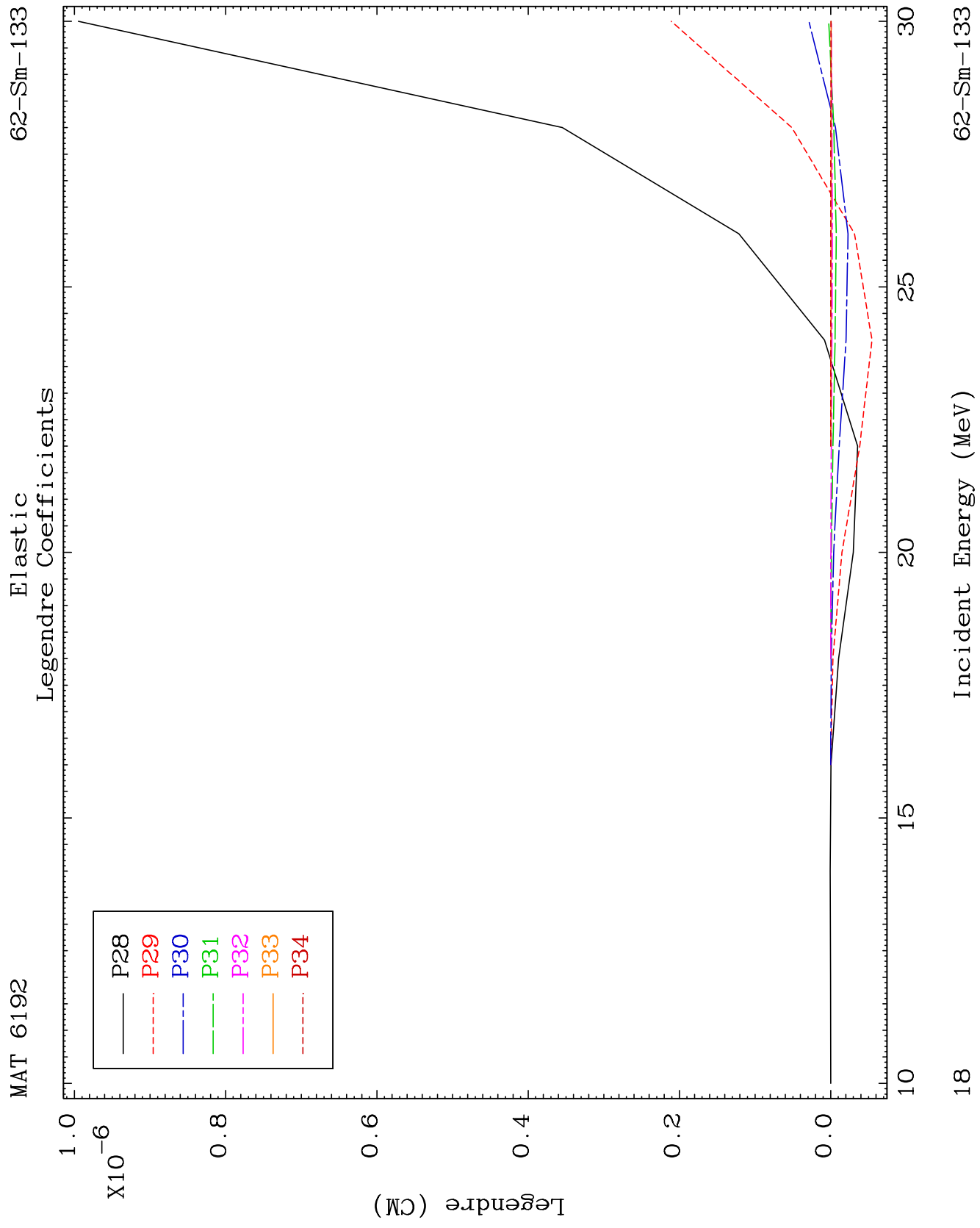
Incident Energy (MeV)

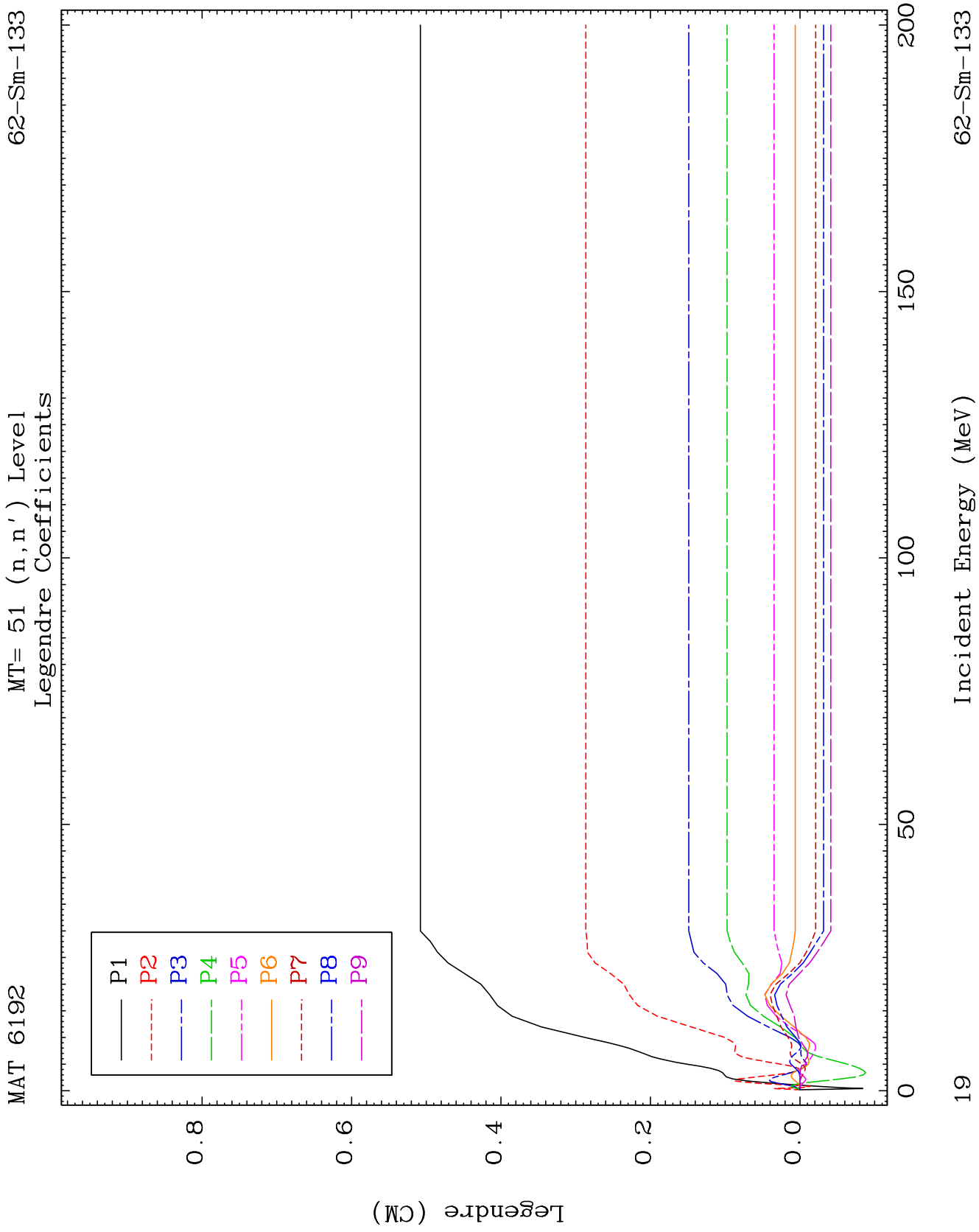
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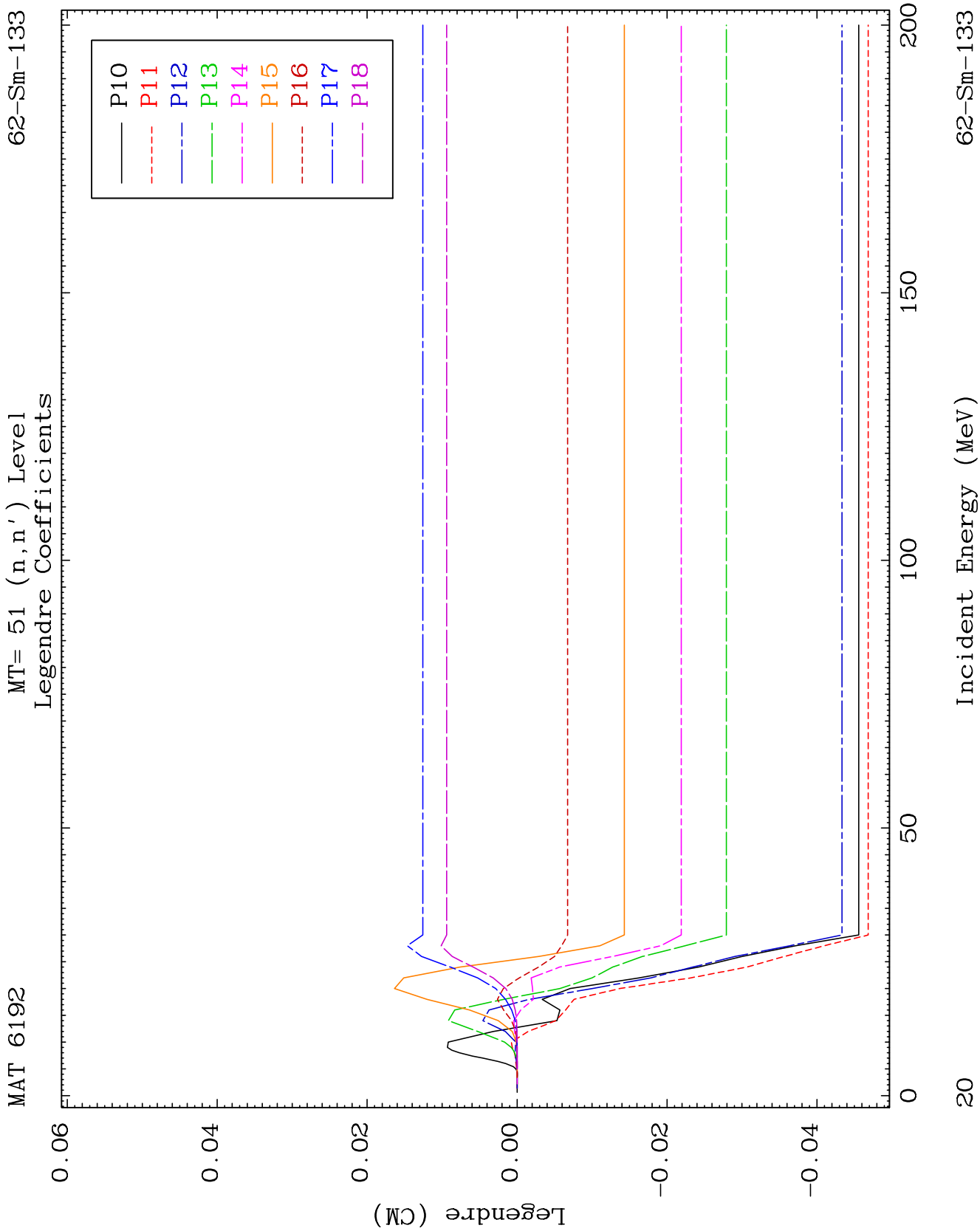








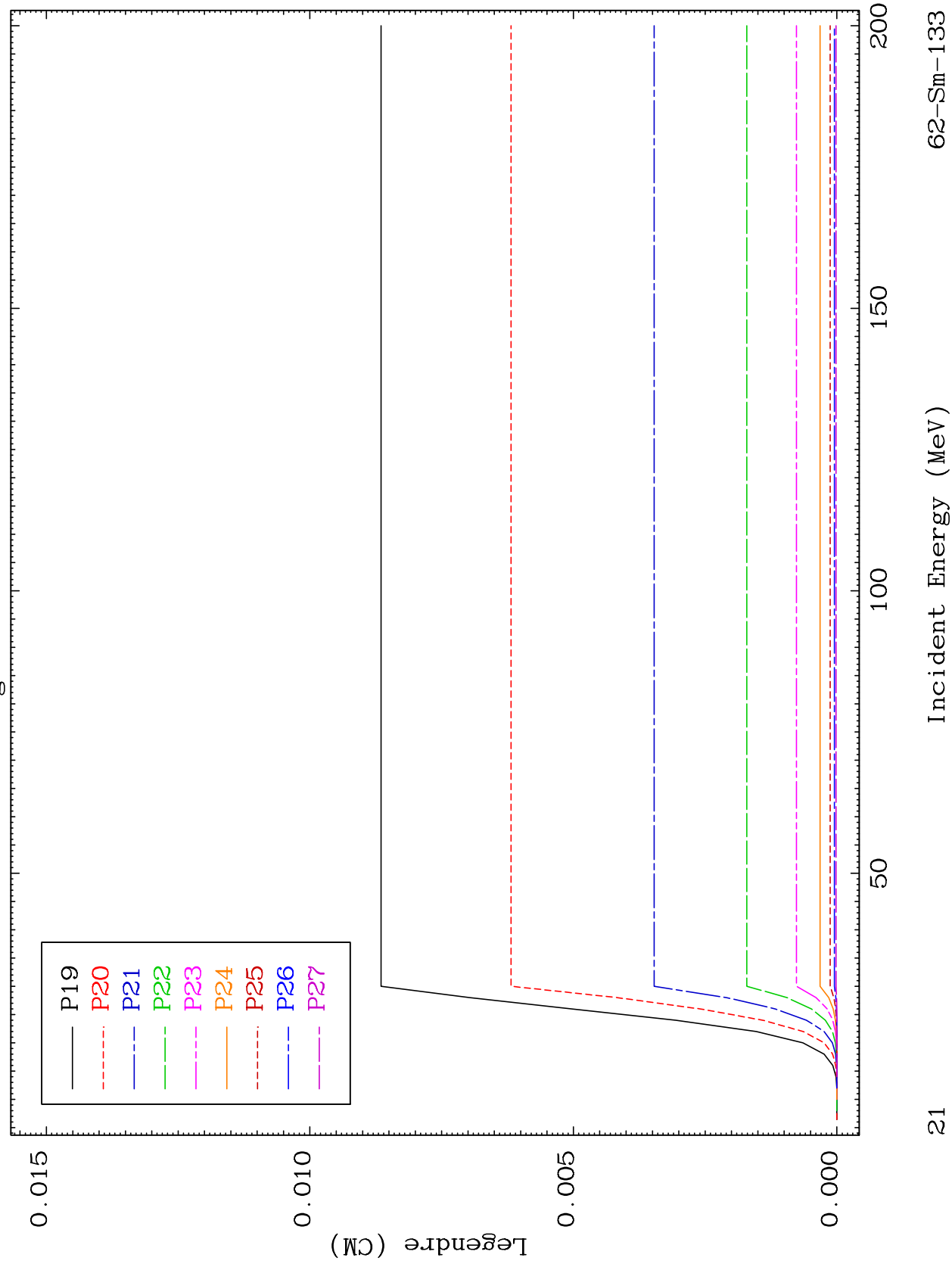




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MT= 51 (n, n') Level
Legendre Coefficients

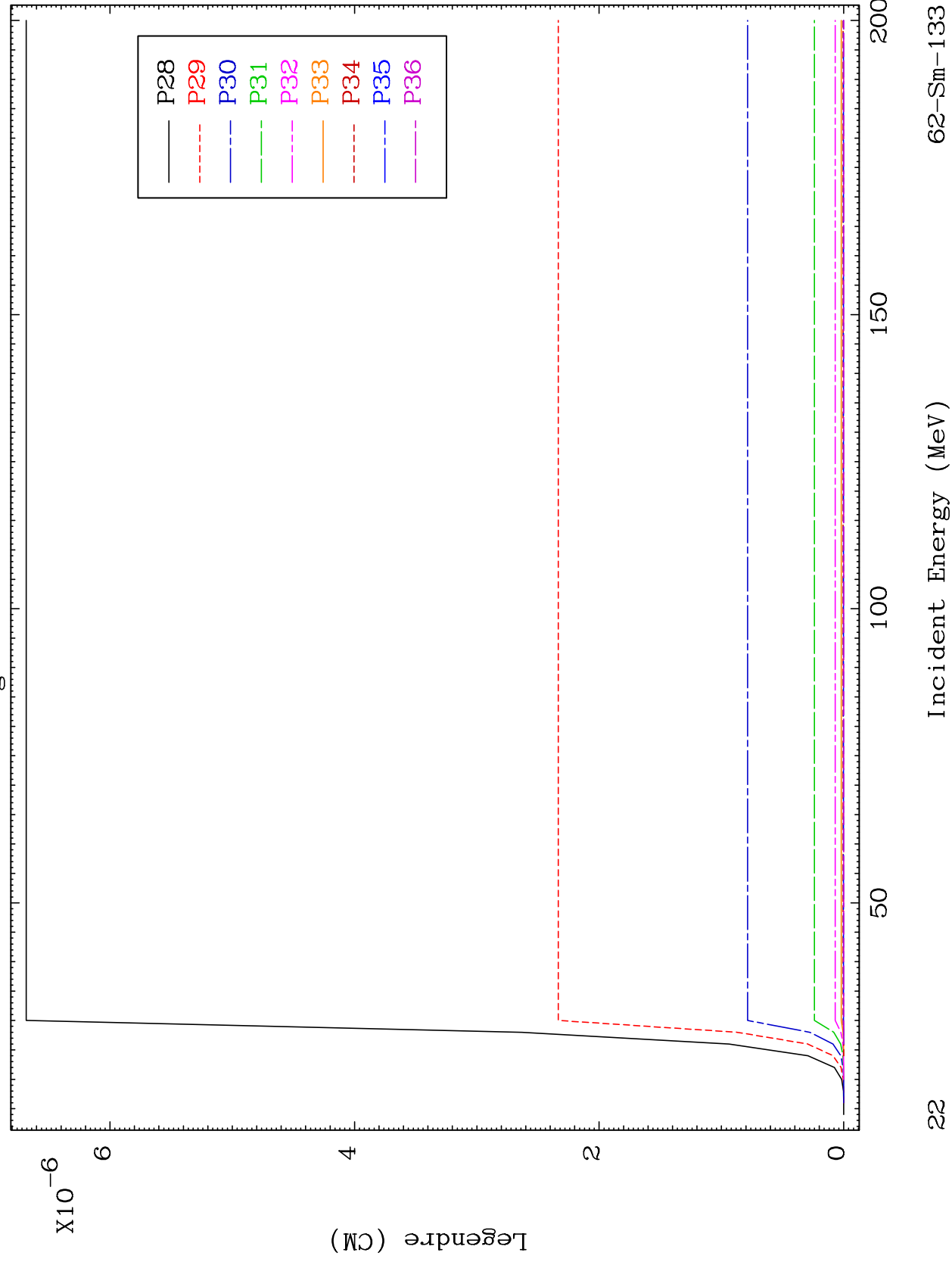
62-Sm-133



MAT 6192

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

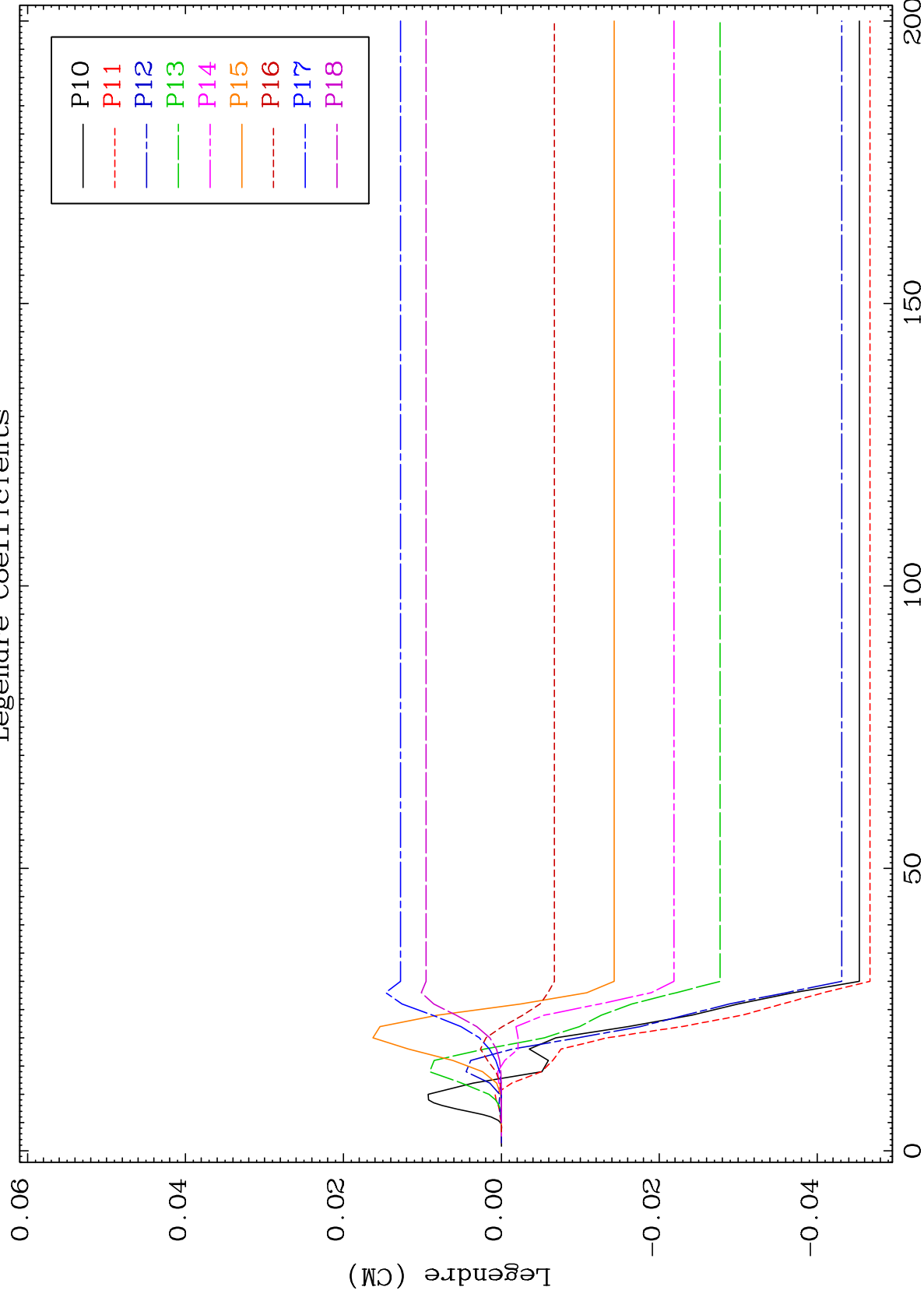
62-Sm-133



MAT 6192

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

62-Sm-133



24

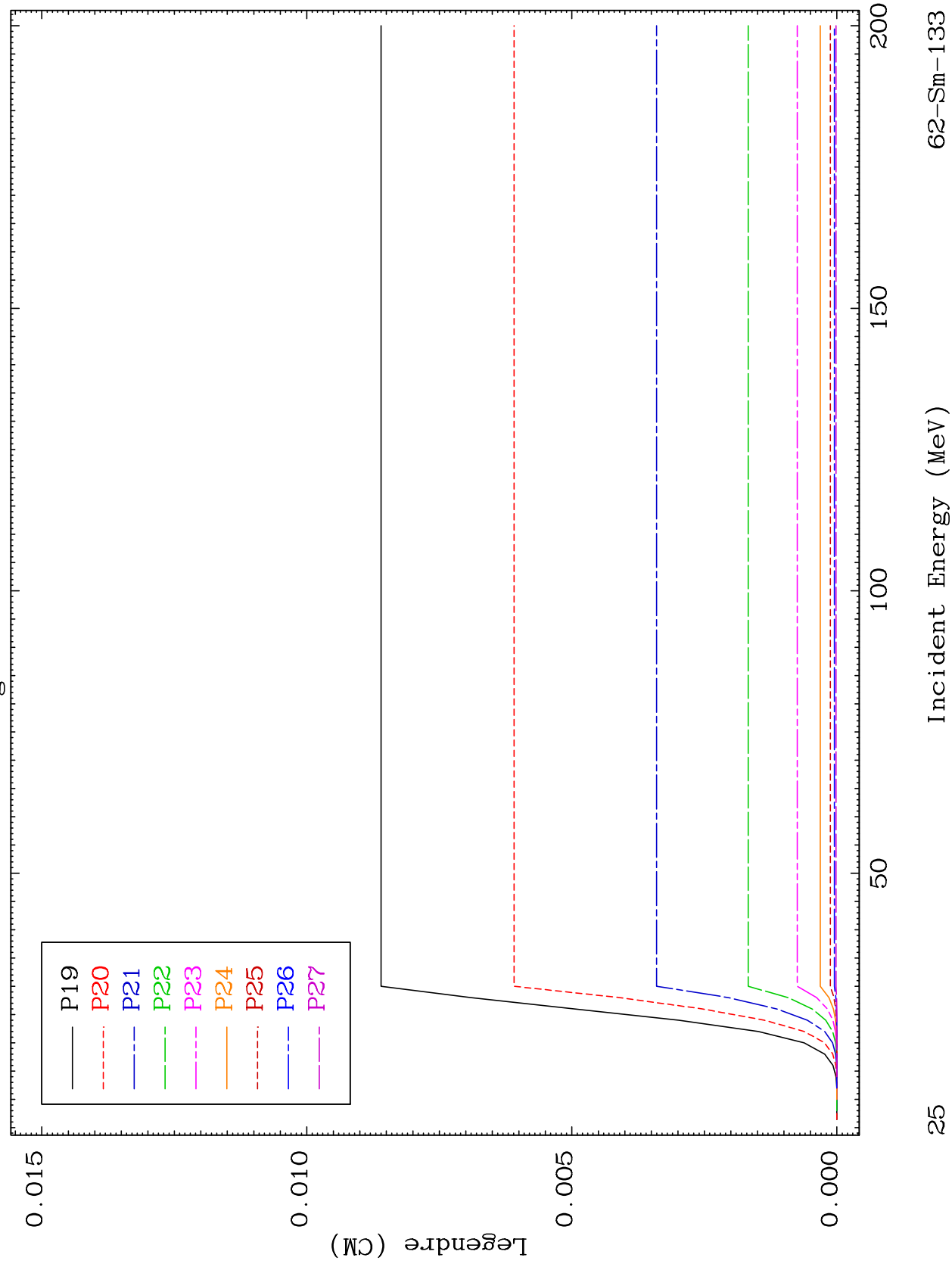
Incident Energy (MeV)

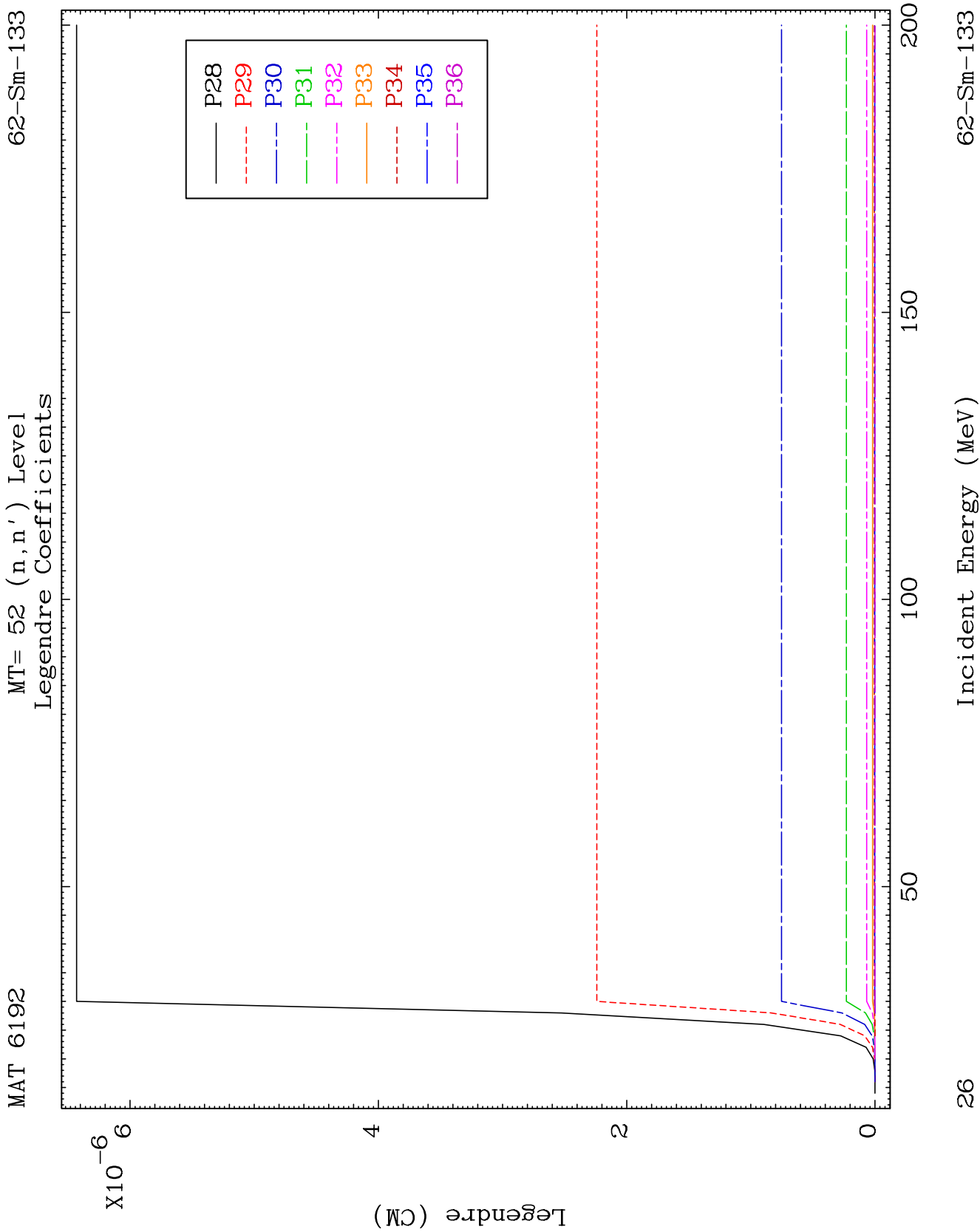
62-Sm-133

MAT 6192

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

62-Sm-133

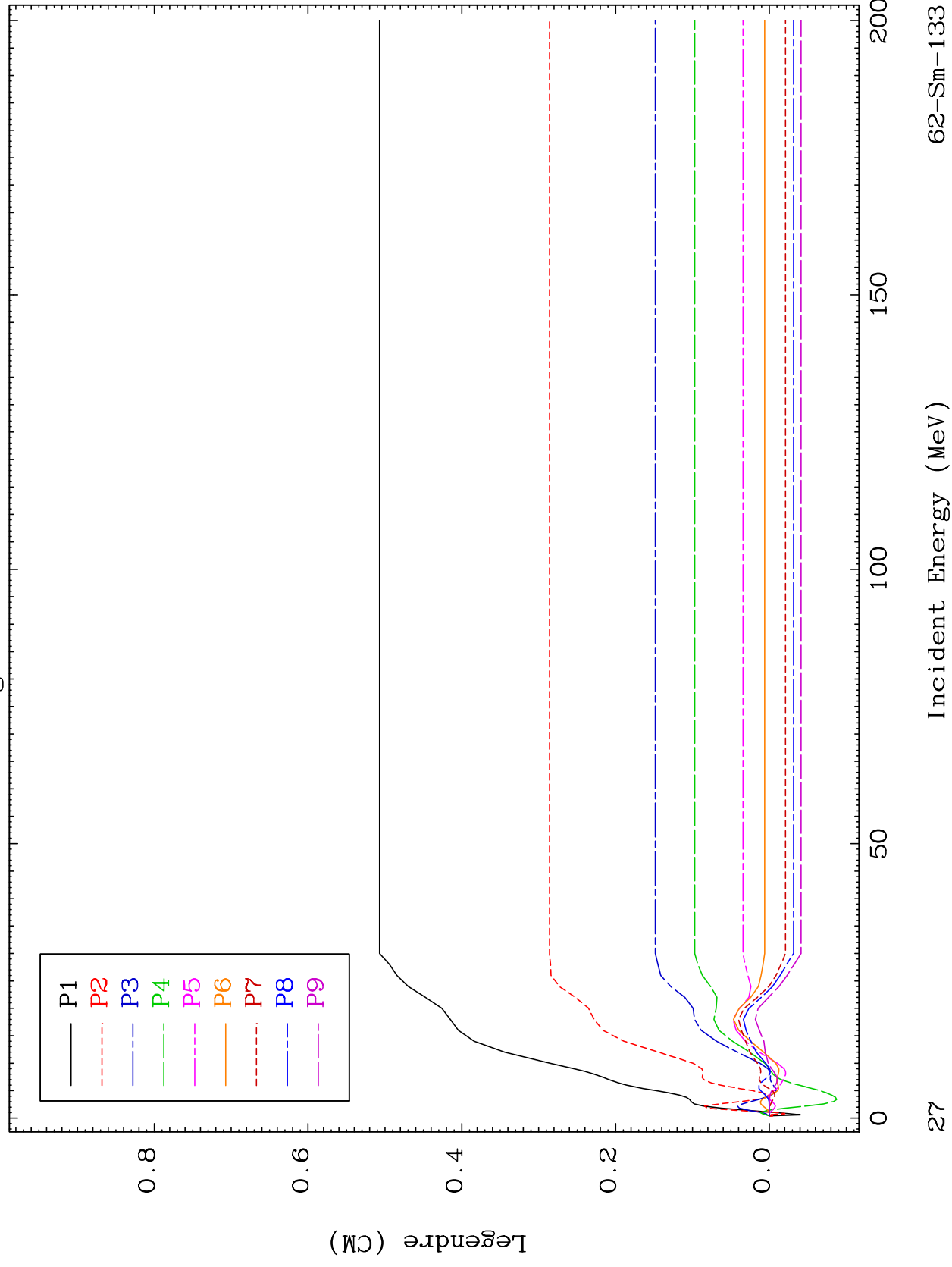


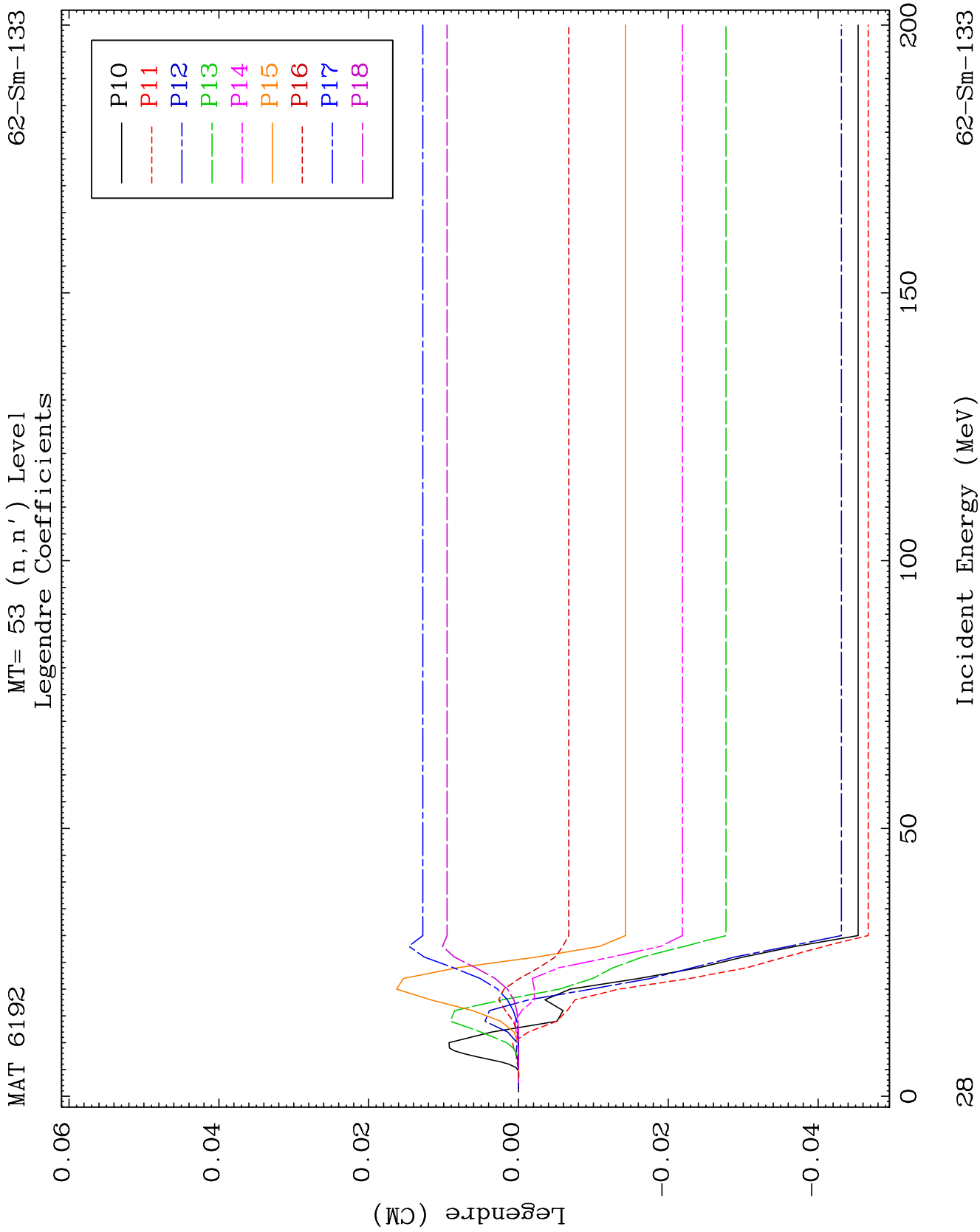


MAT 6192

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

62-Sm-133

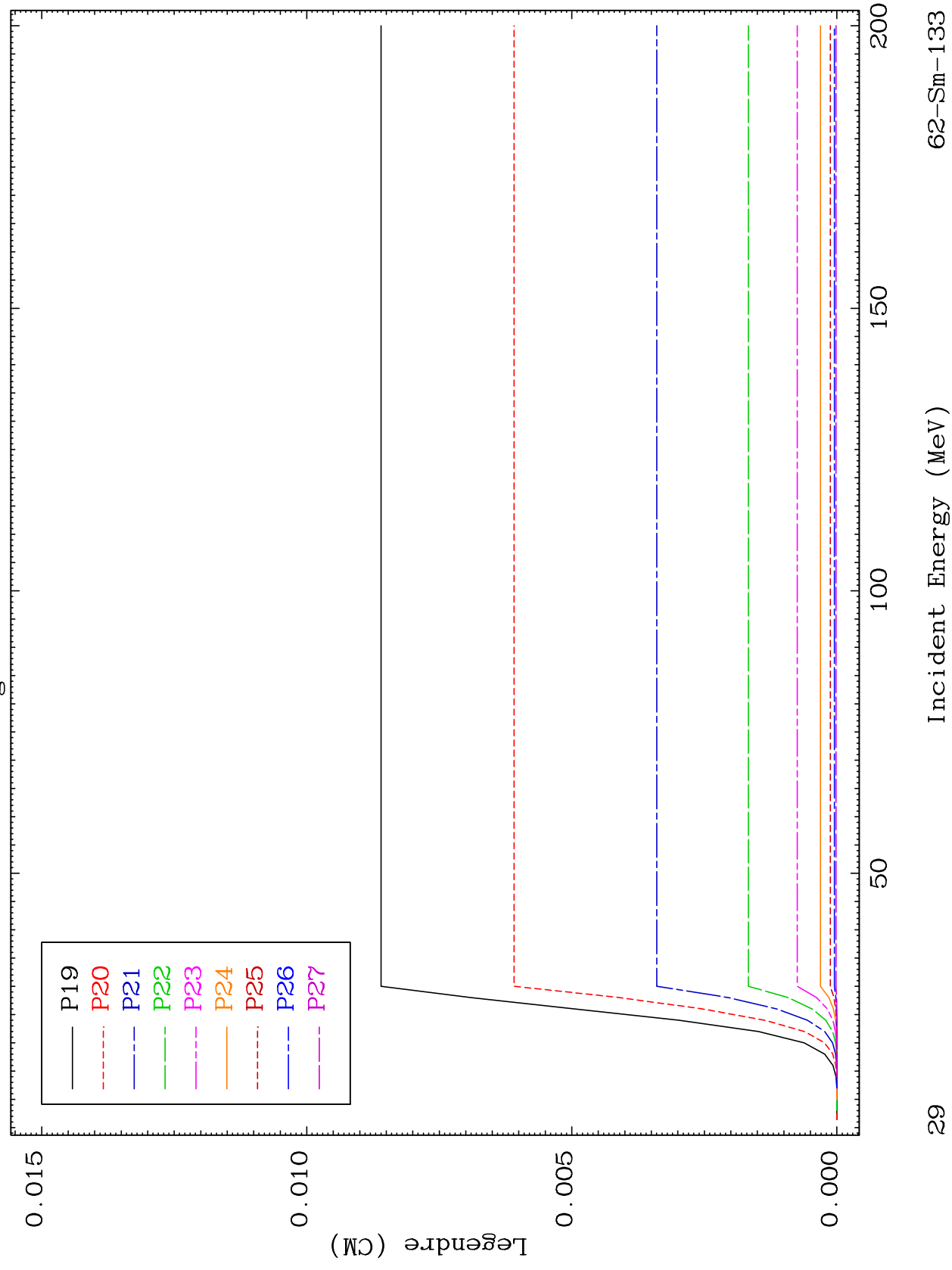


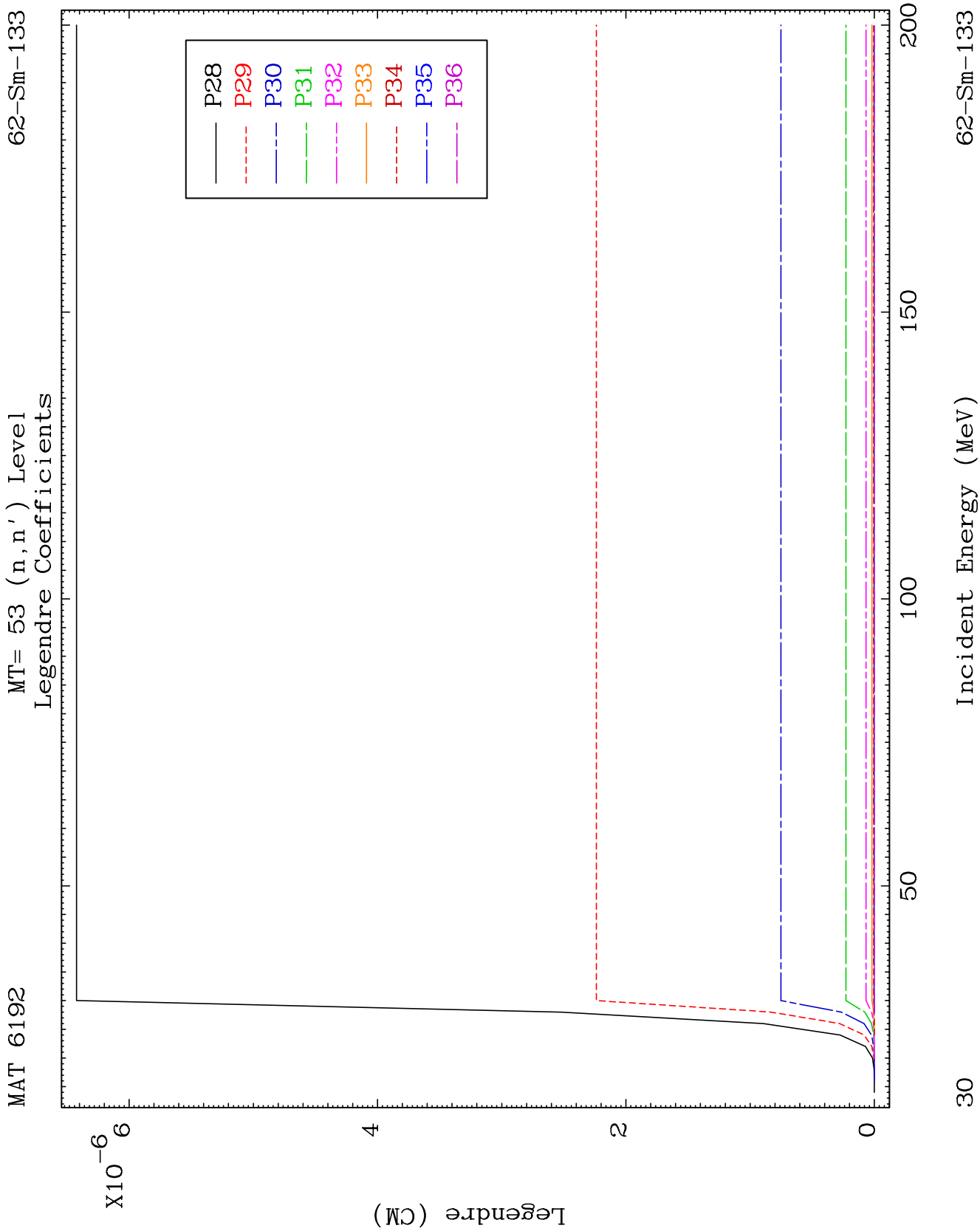


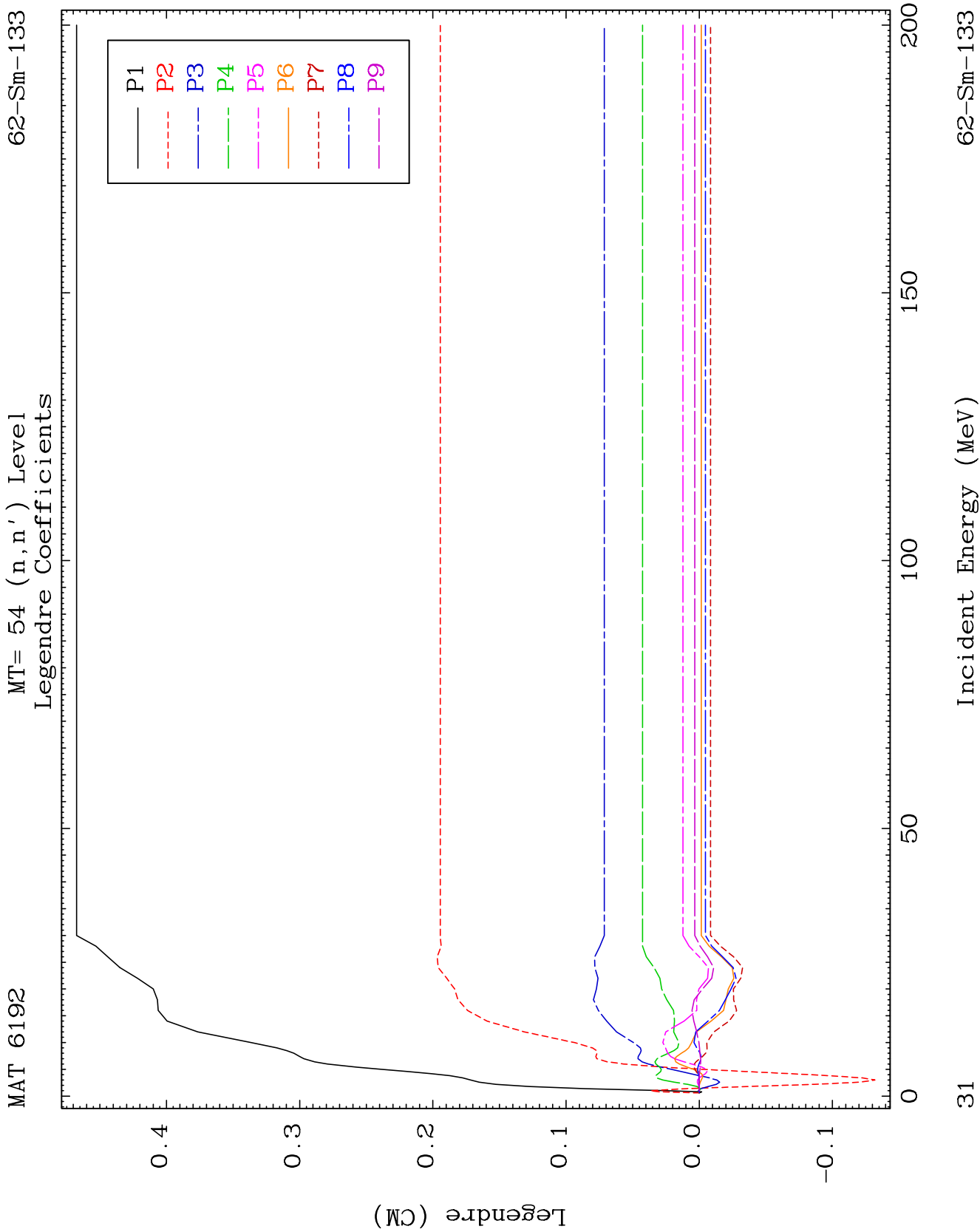
MAT 6192

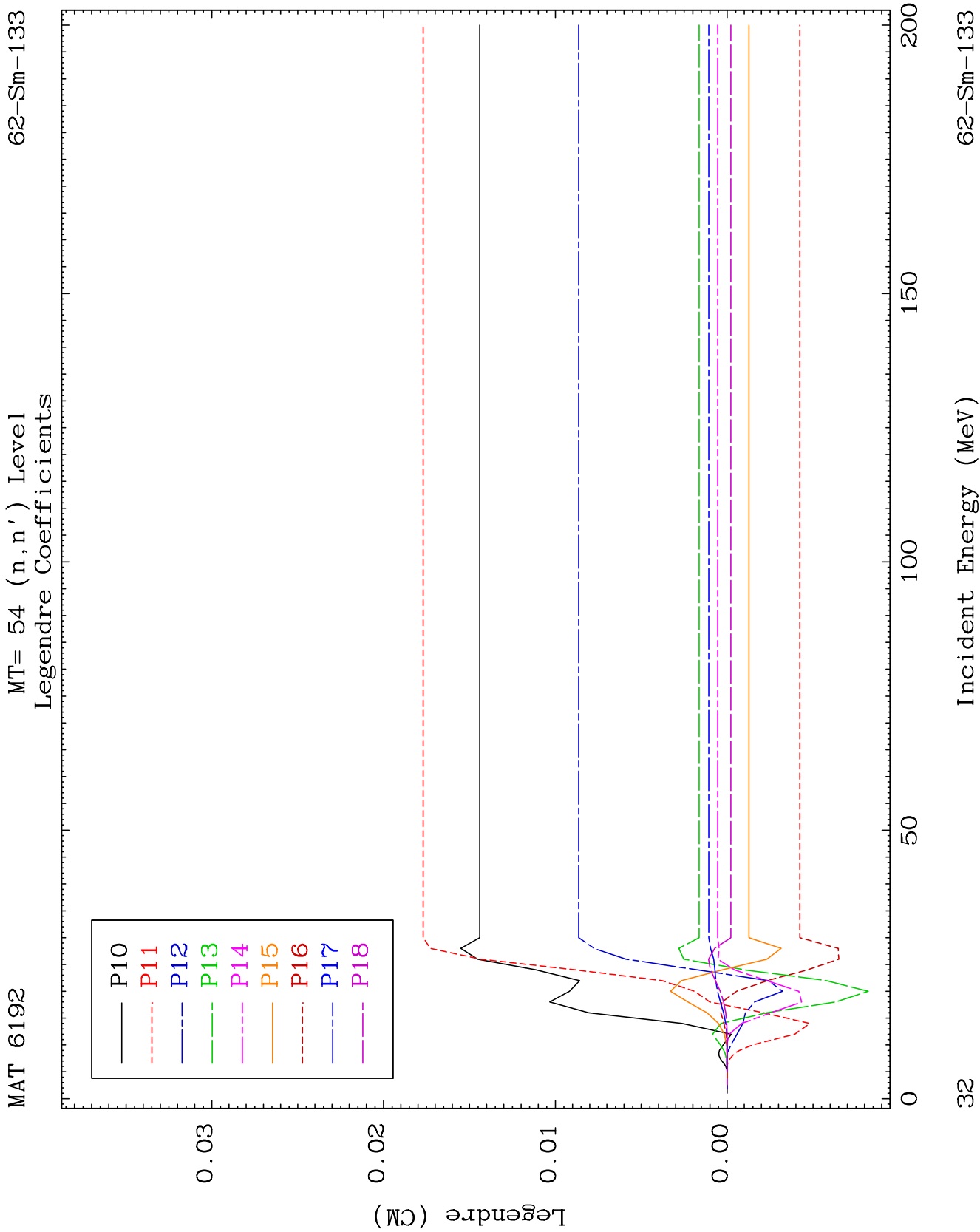
MT= 53 (n, n') Level
Legendre Coefficients

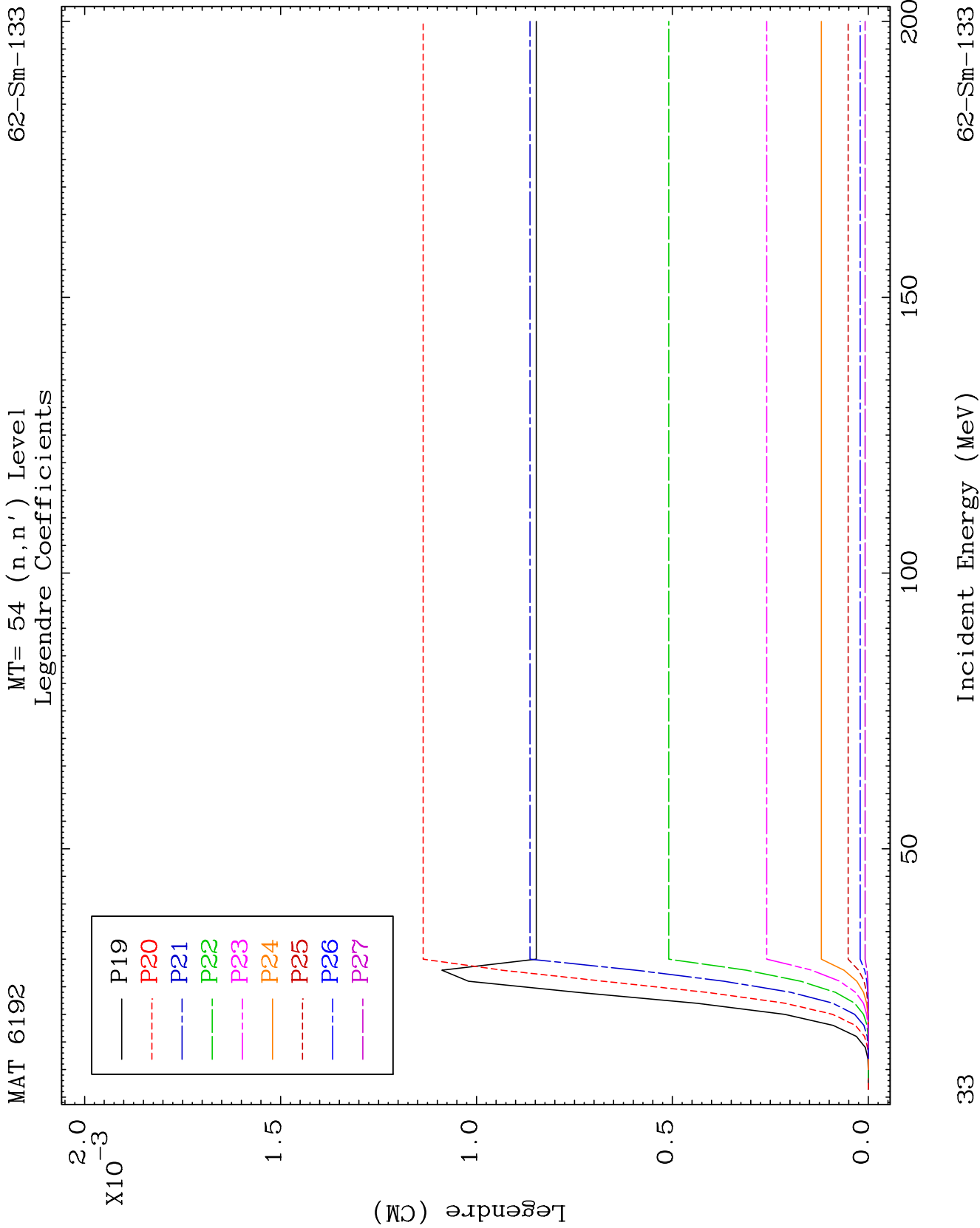
62-Sm-133

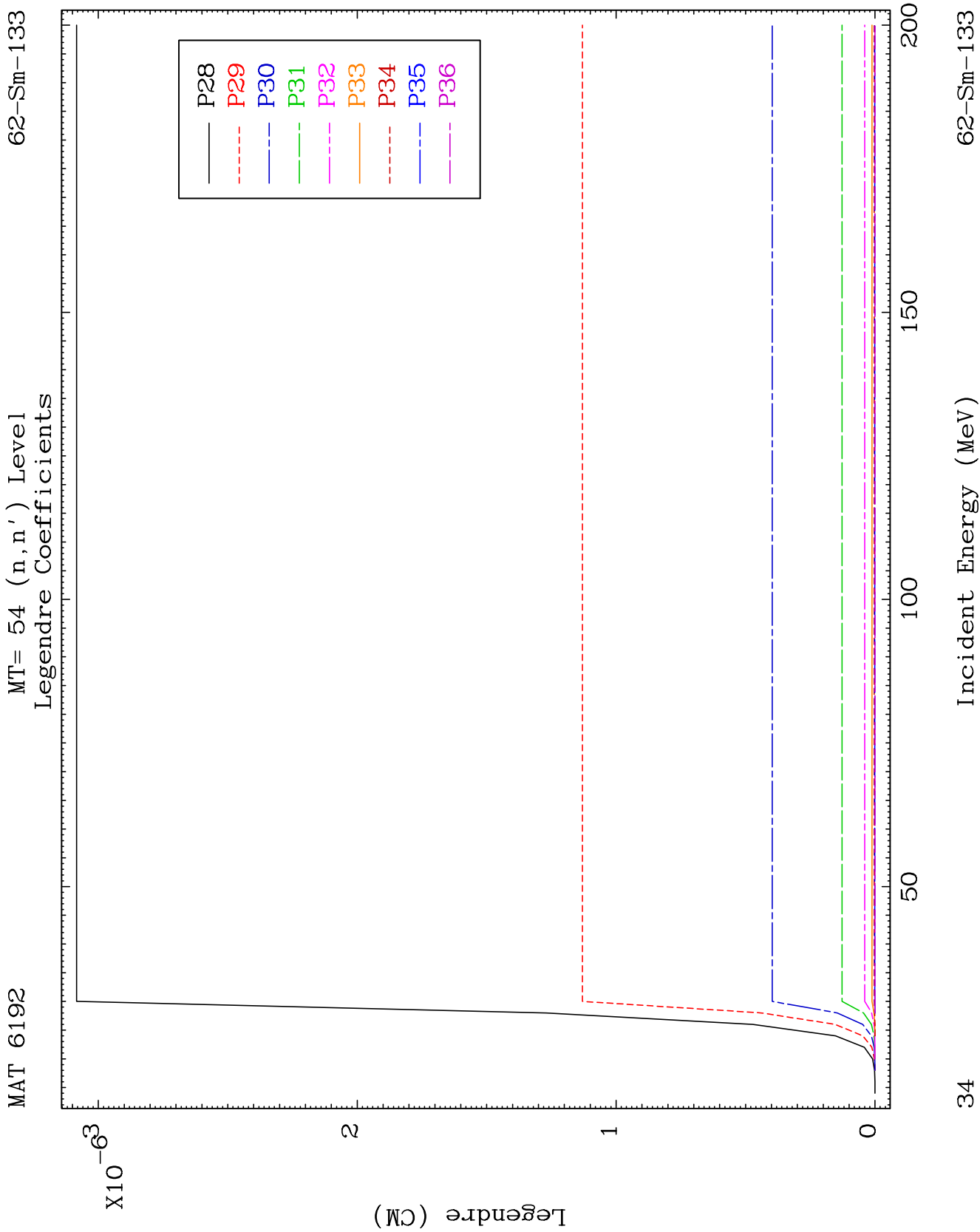








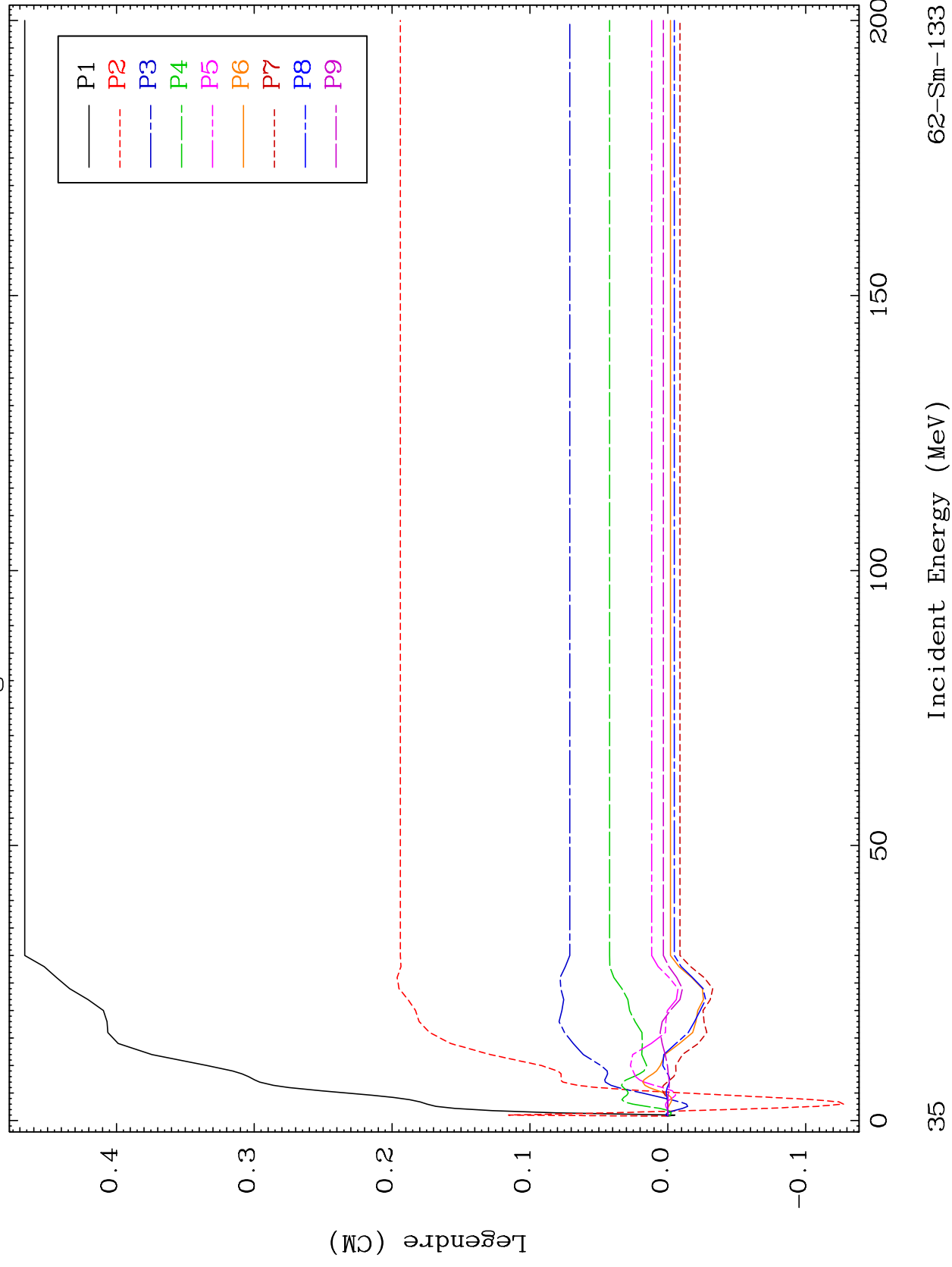




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MT= 55 (n, n') Level
Legendre Coefficients

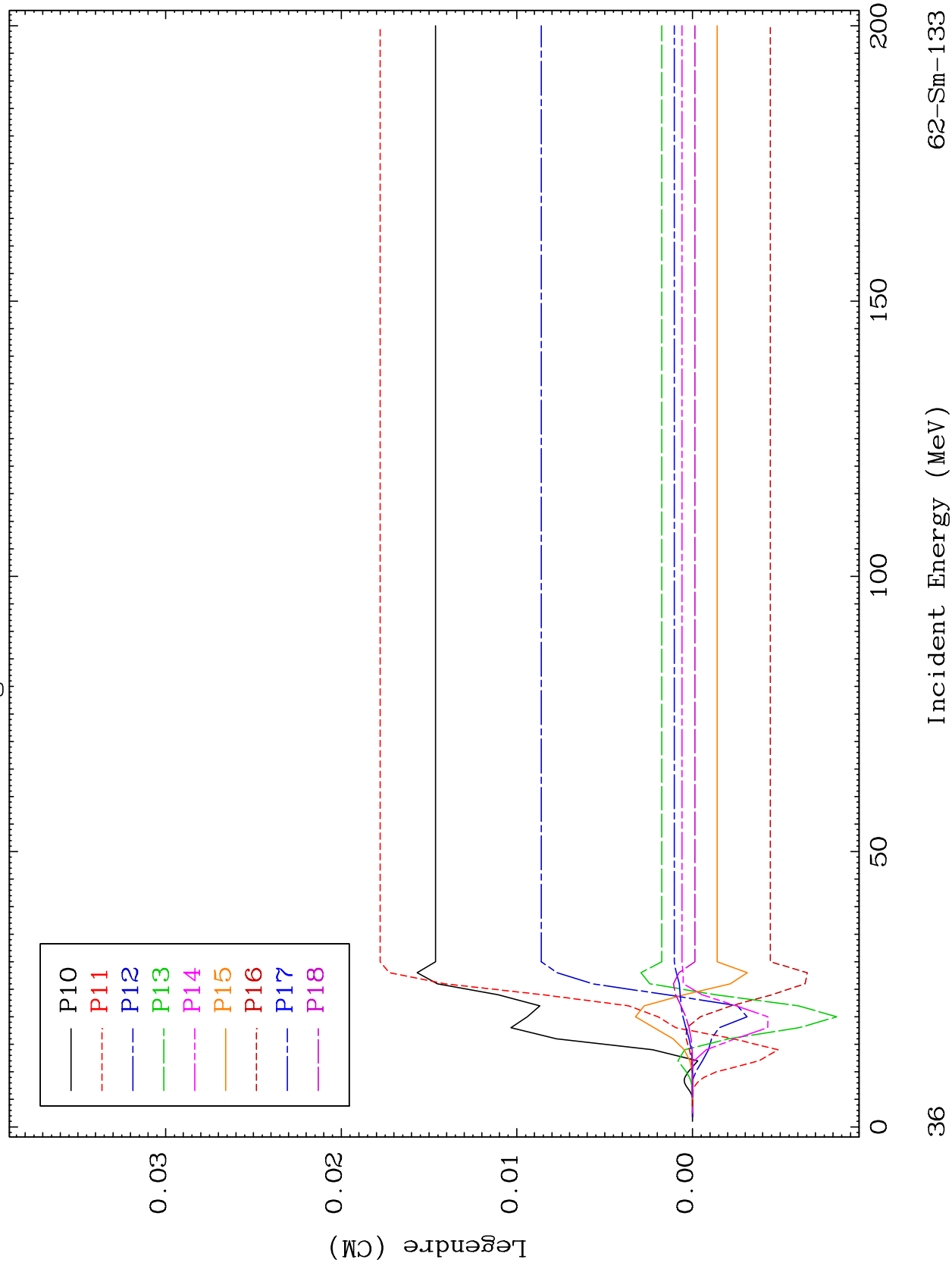
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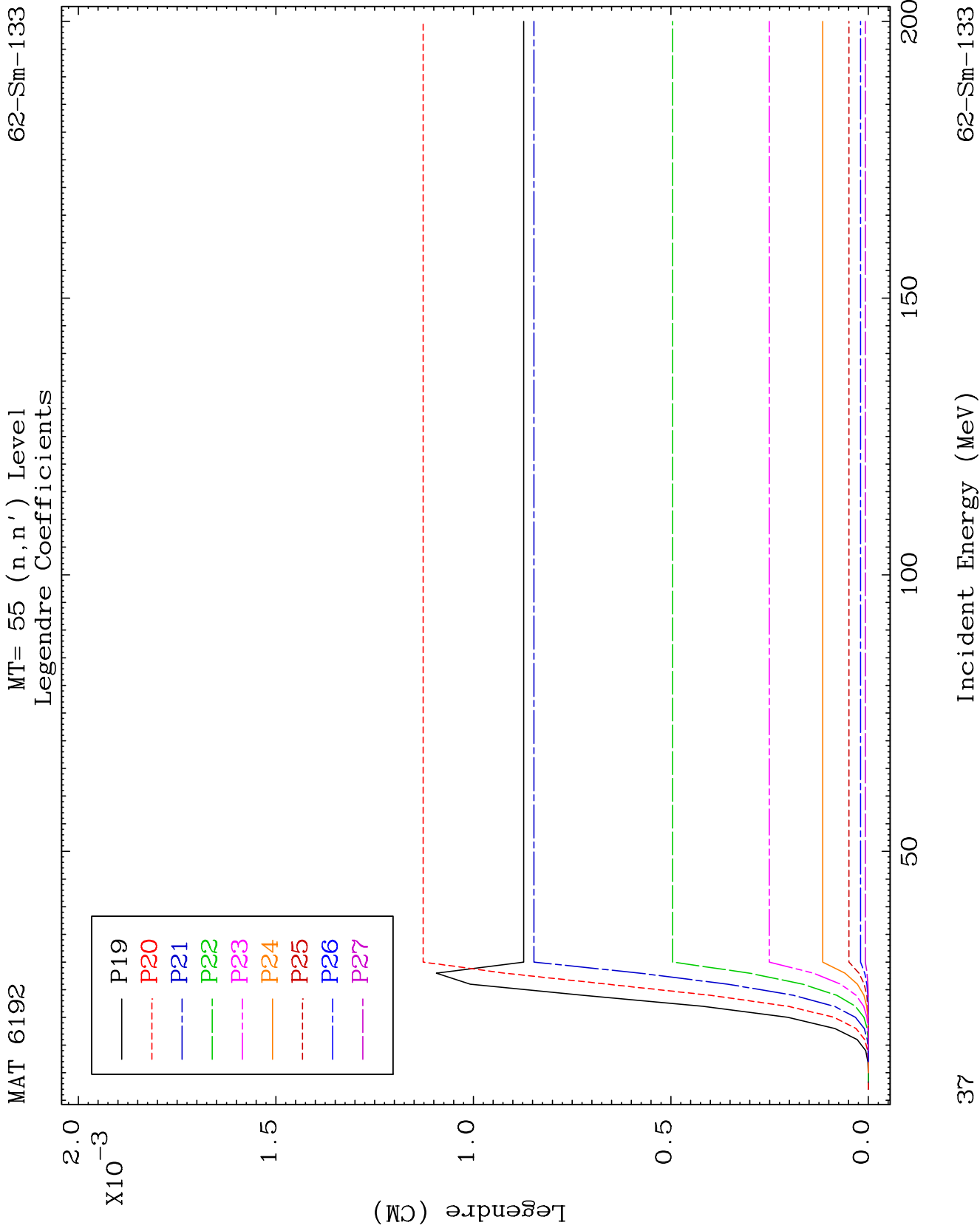


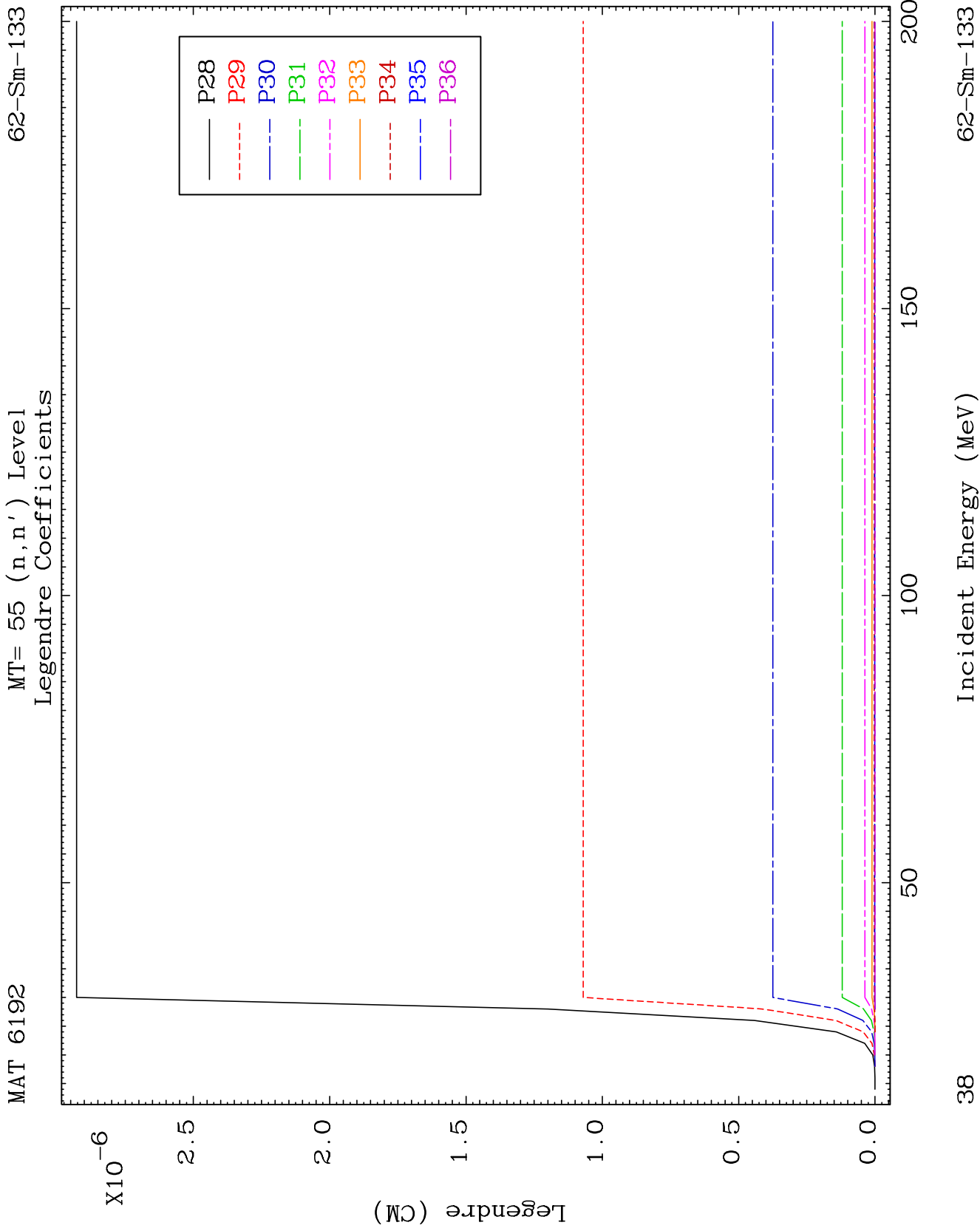
MAT 6192

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

62-Sm-133



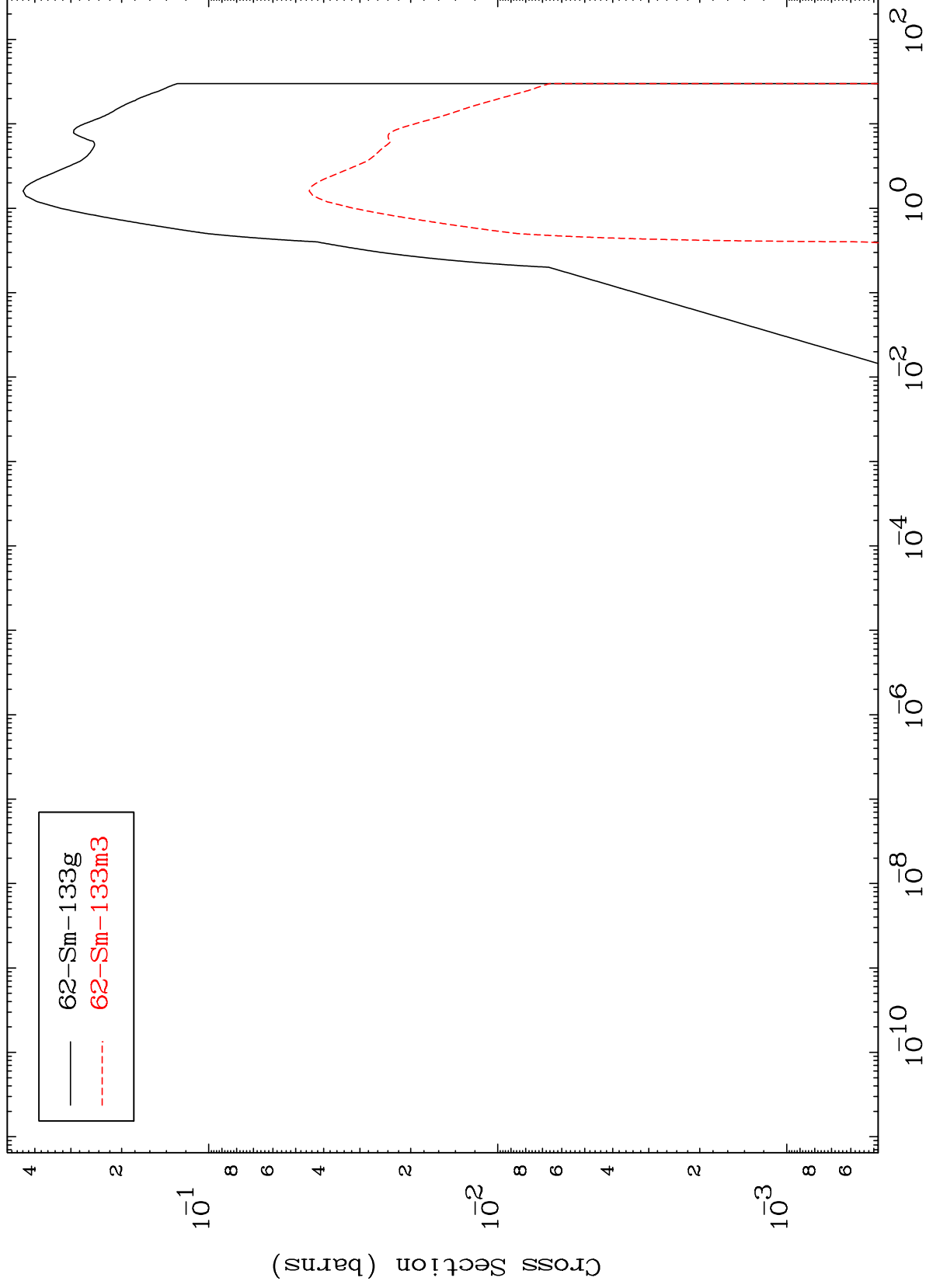




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62-Sm-133

Inelastic
Radionuclide Production Cross Section



39

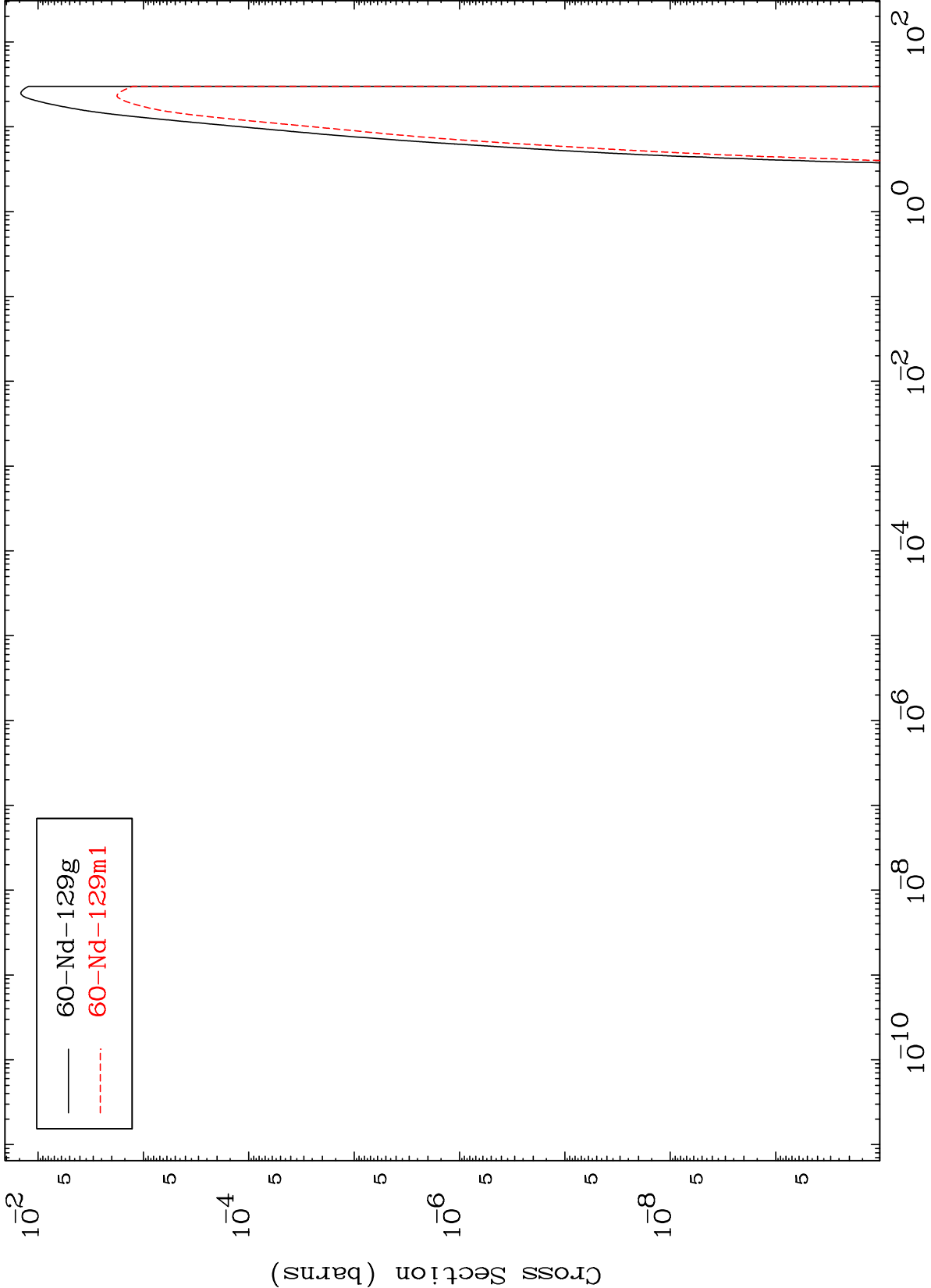
62-Sm-133

MAT 6192

$(n,n') \alpha$

62-Sm-133

Radionuclide Production Cross Section



40

Incident Energy (MeV)

62-Sm-133

(n,p)
Radionuclide Production Cross Section

