

Program EVALPLOT
(Version 2021-1)

by

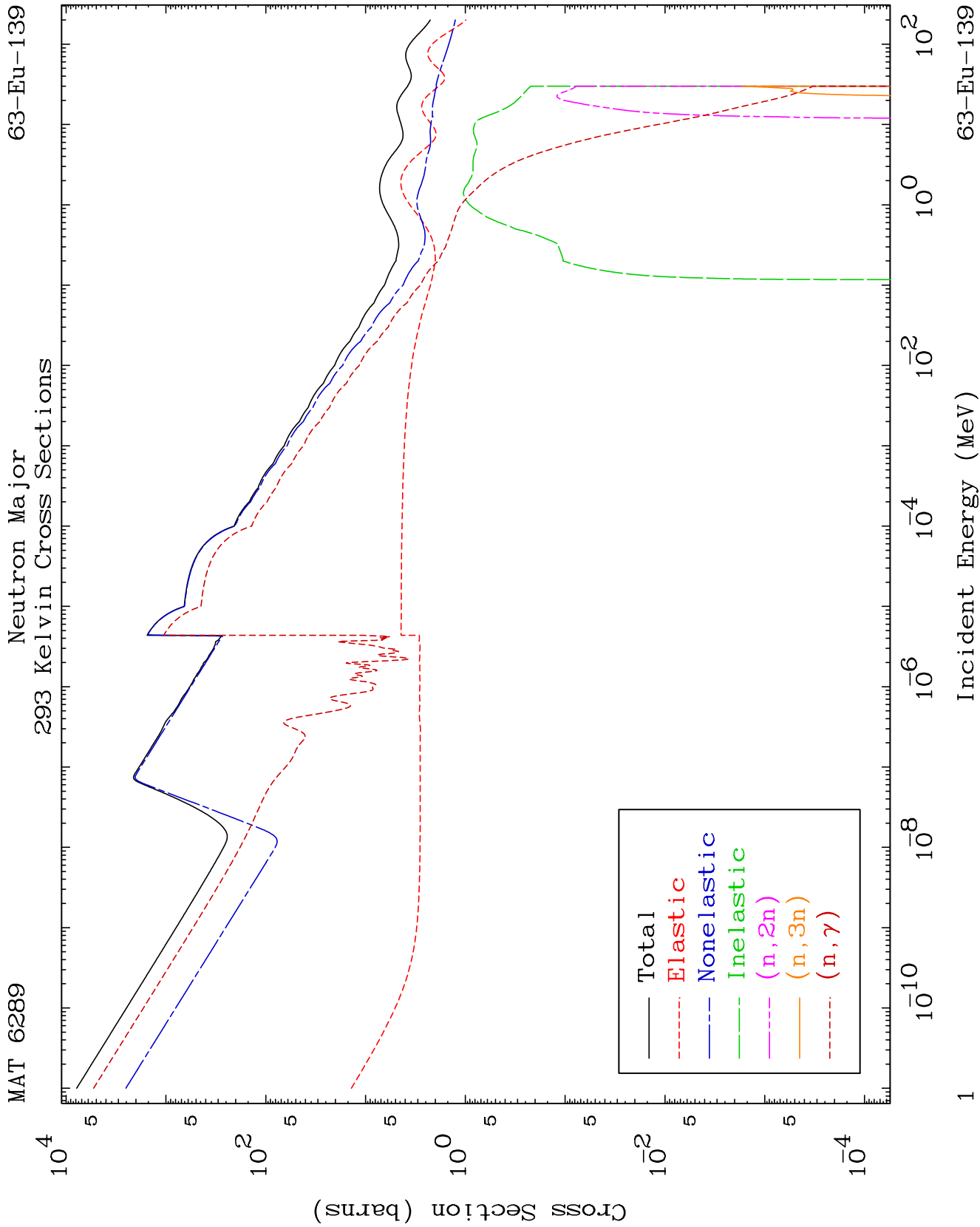
Dermott E. Cullen
(Present Contact Information)

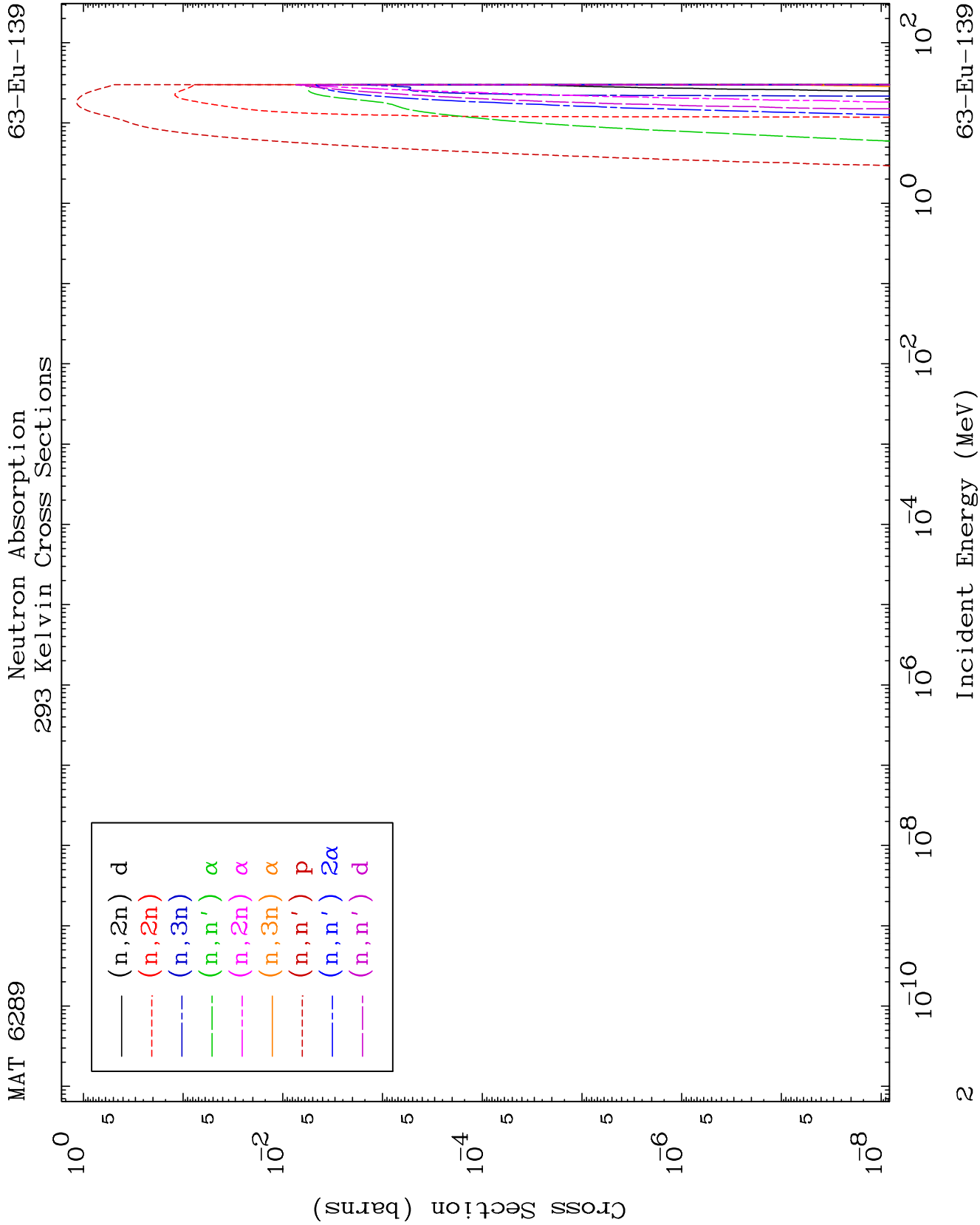
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

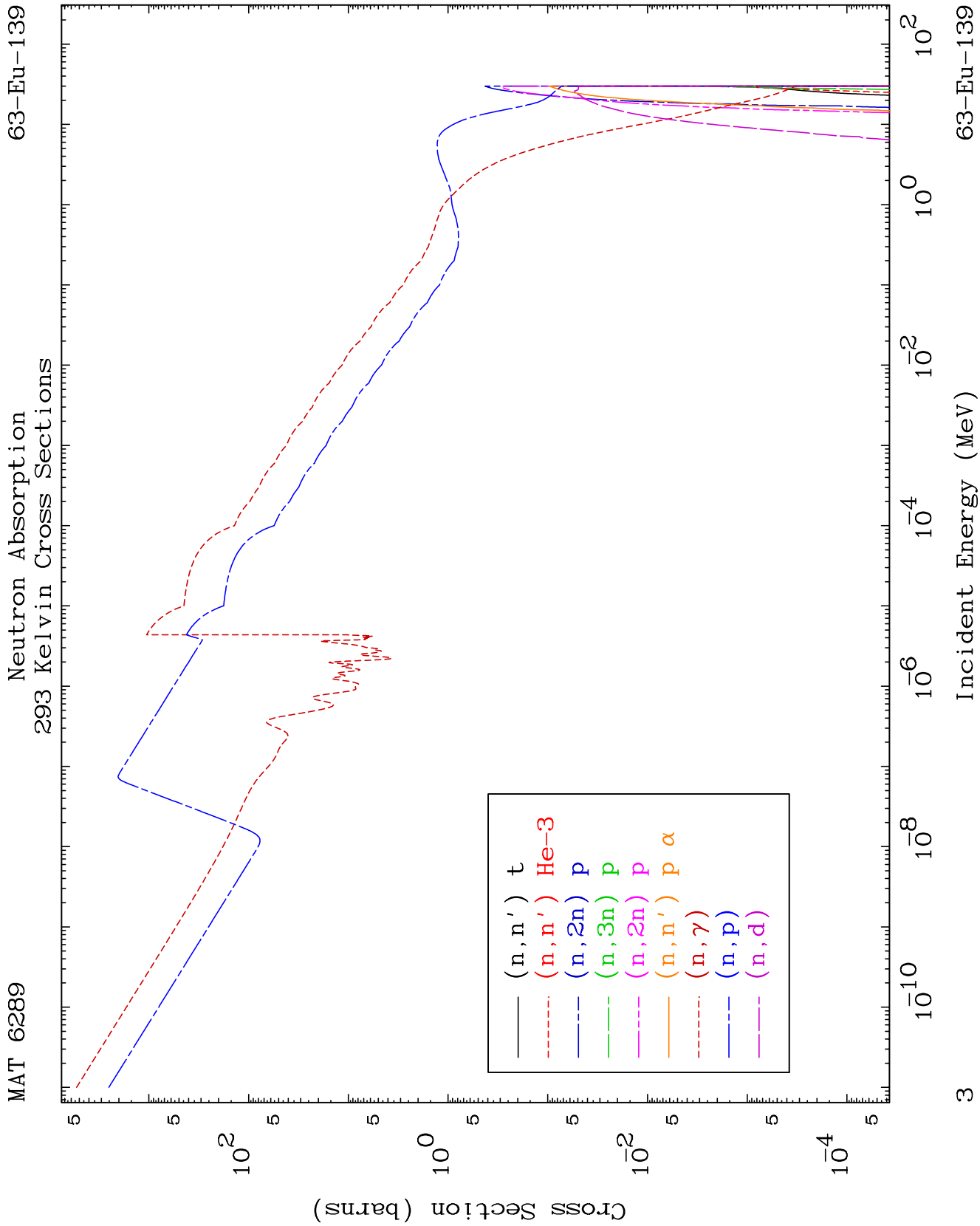
Tele: 925-443-1911

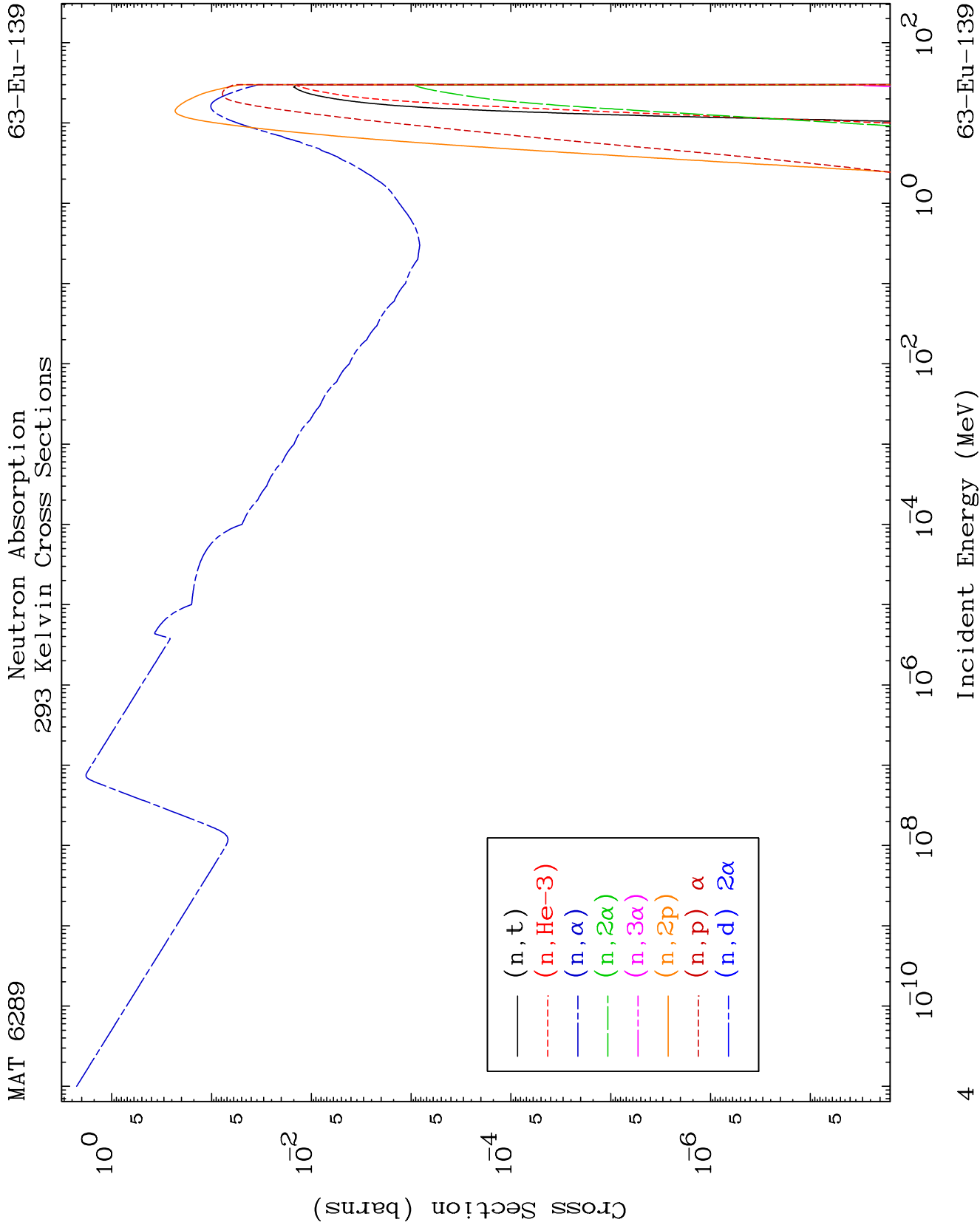
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

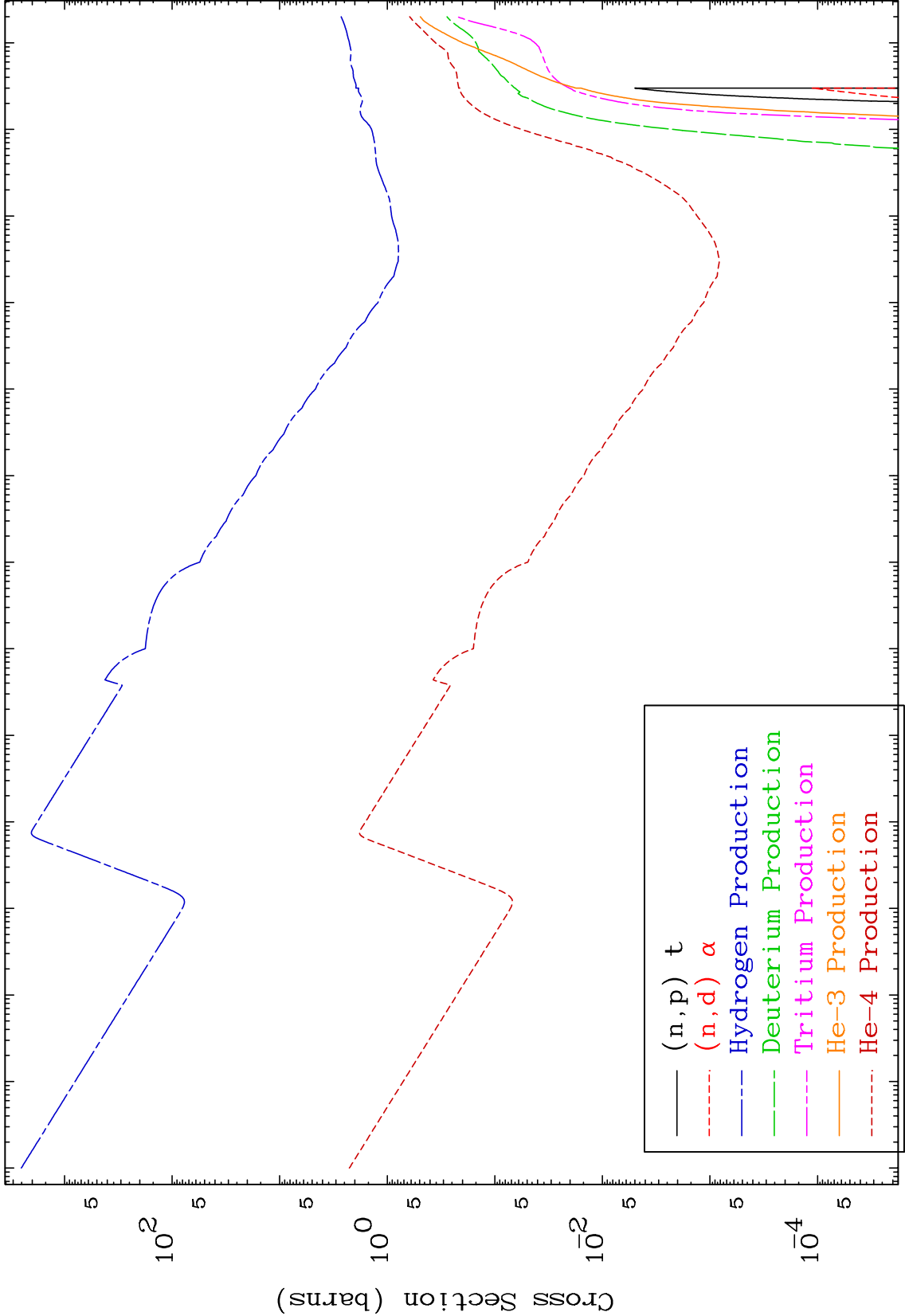
Press Mouse Button to Start

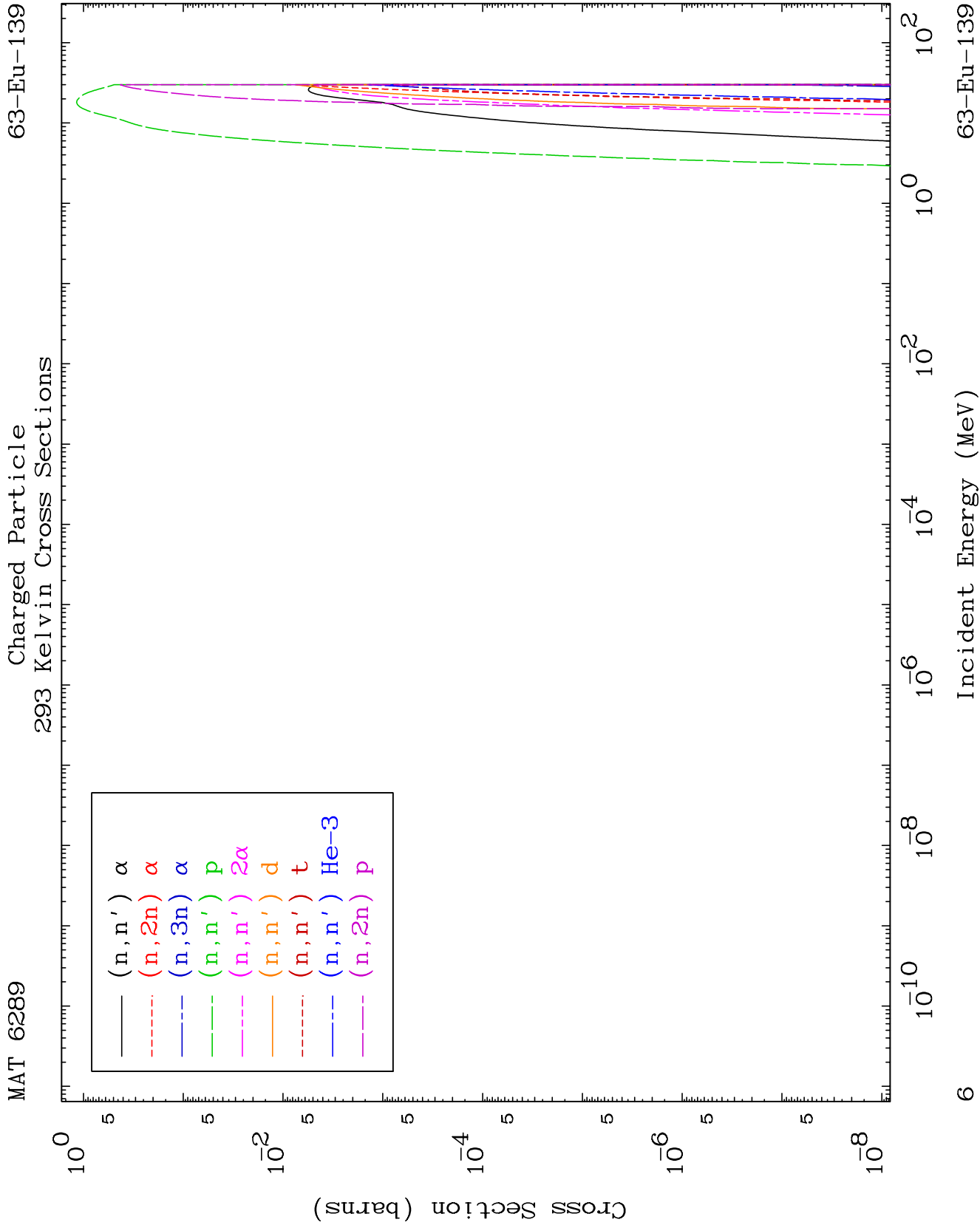








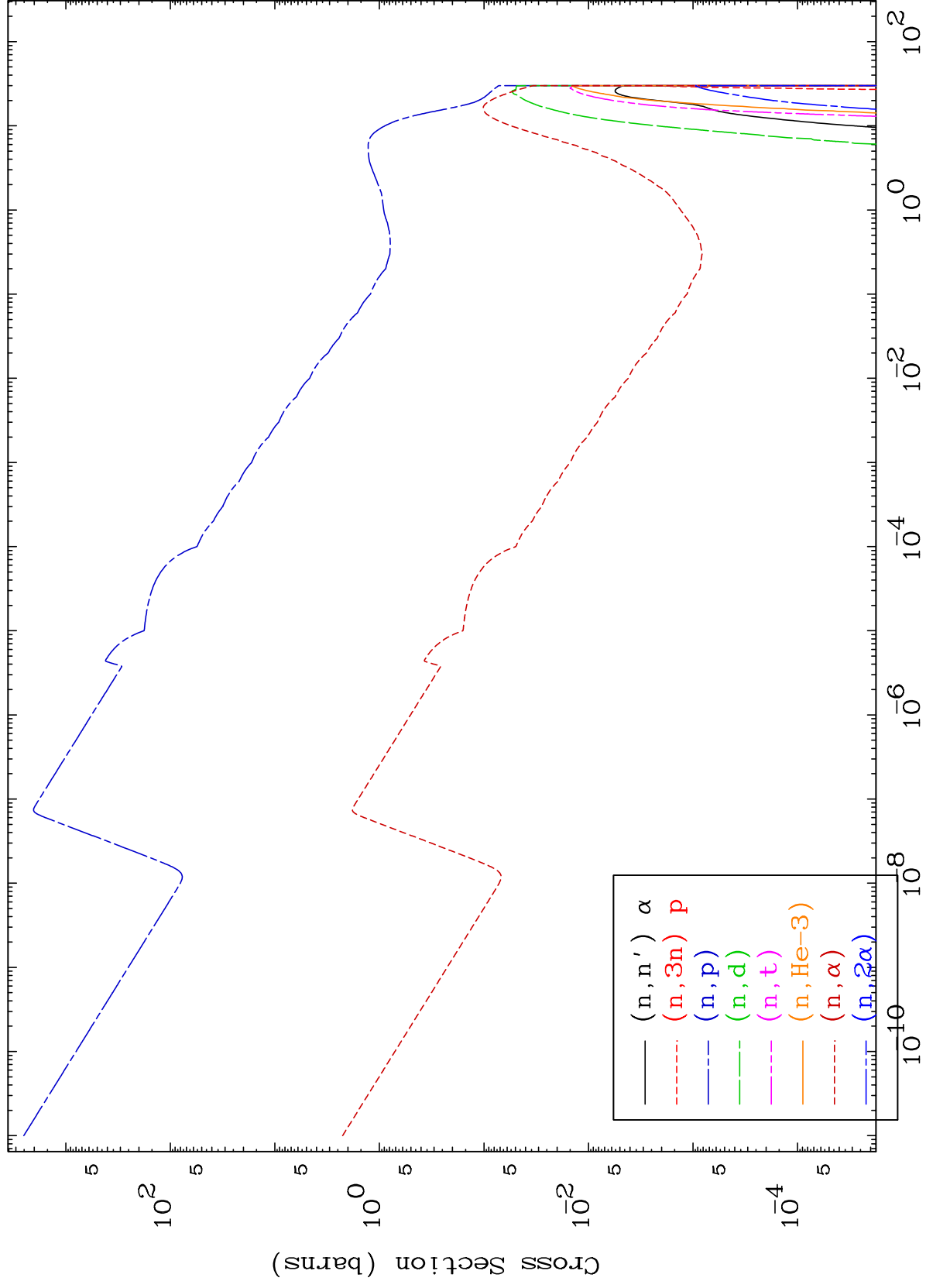




MAT 6289

Charged Particle
293 Kelvin Cross Sections

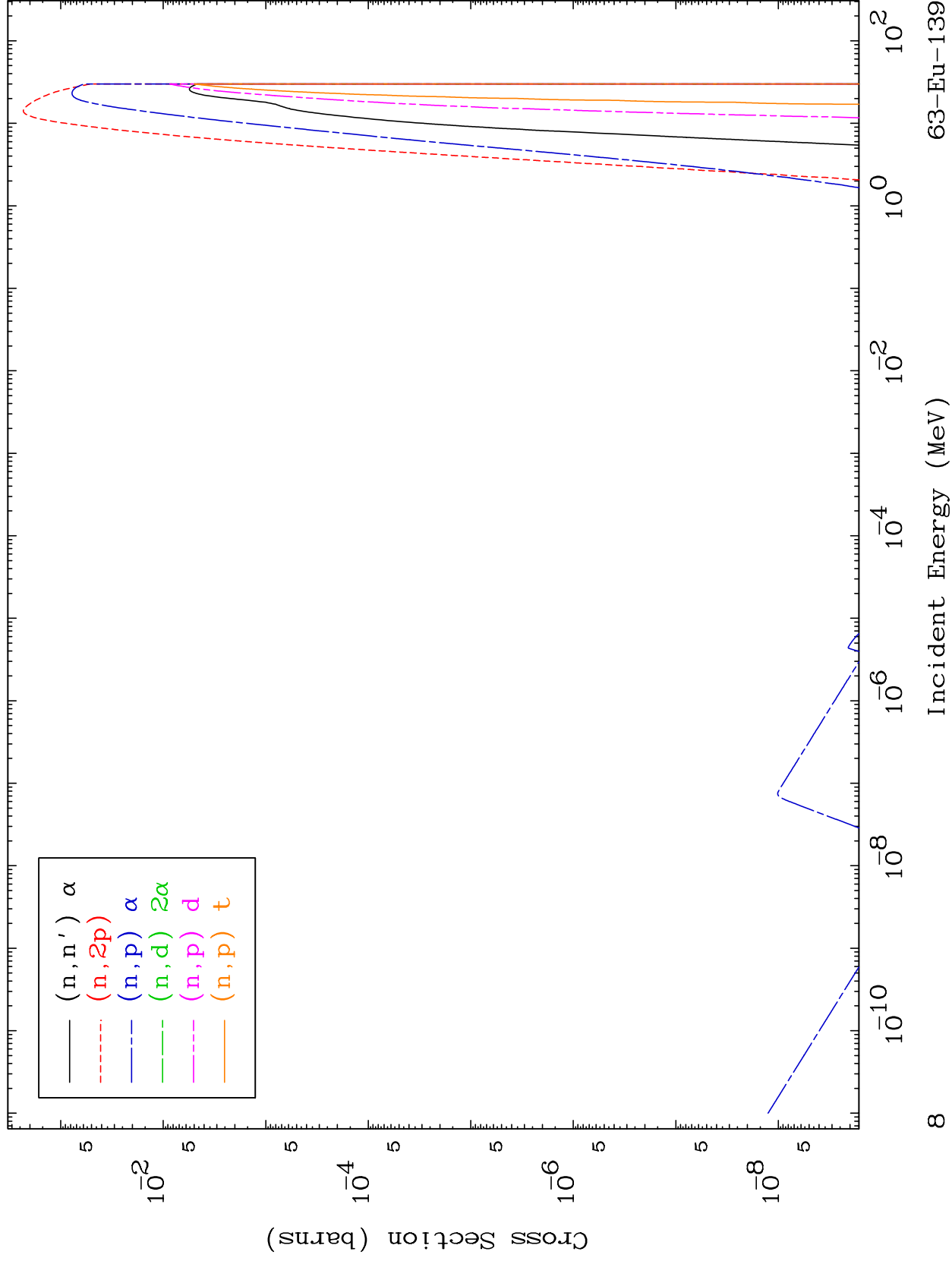
63-Eu-139

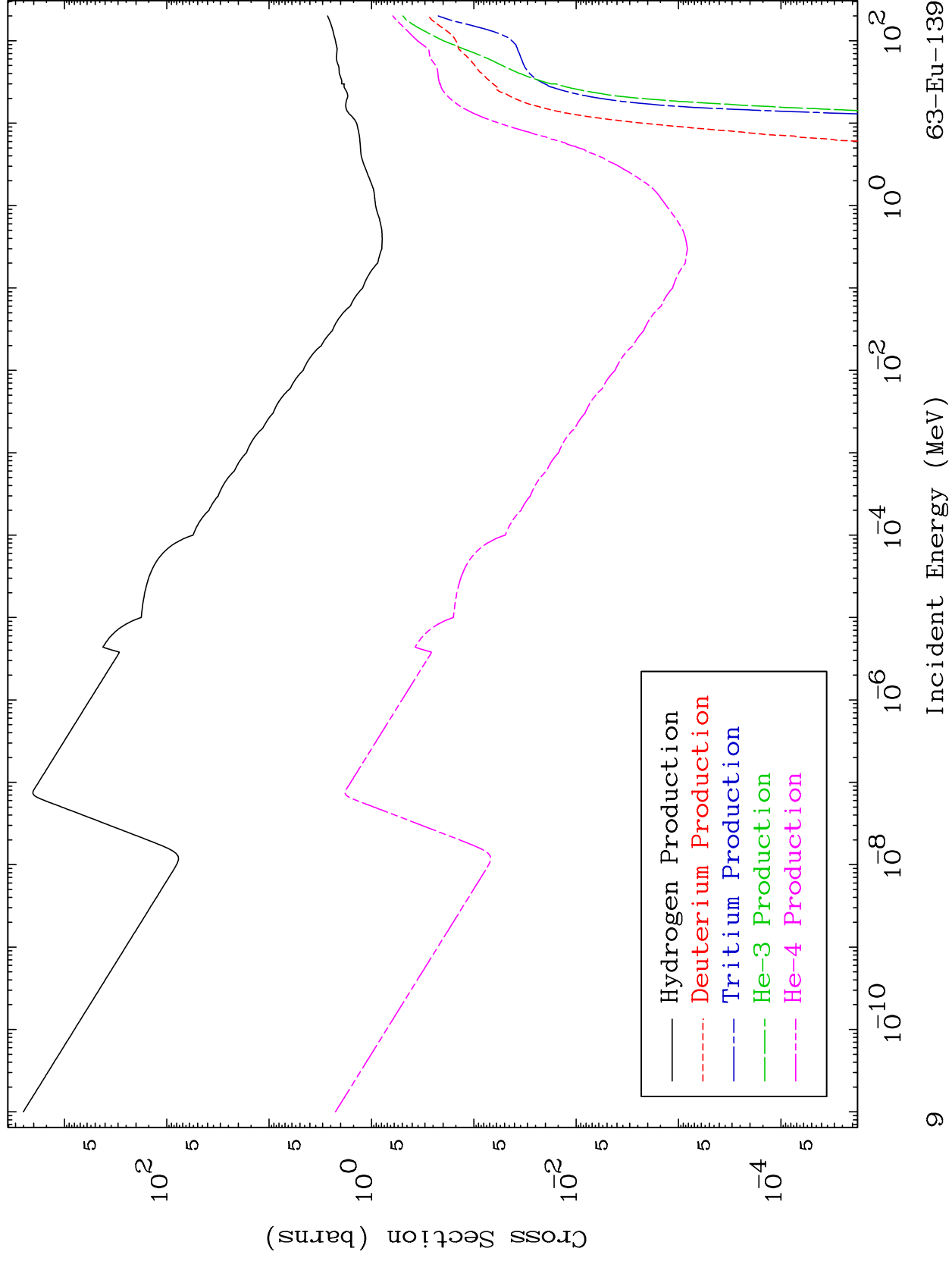


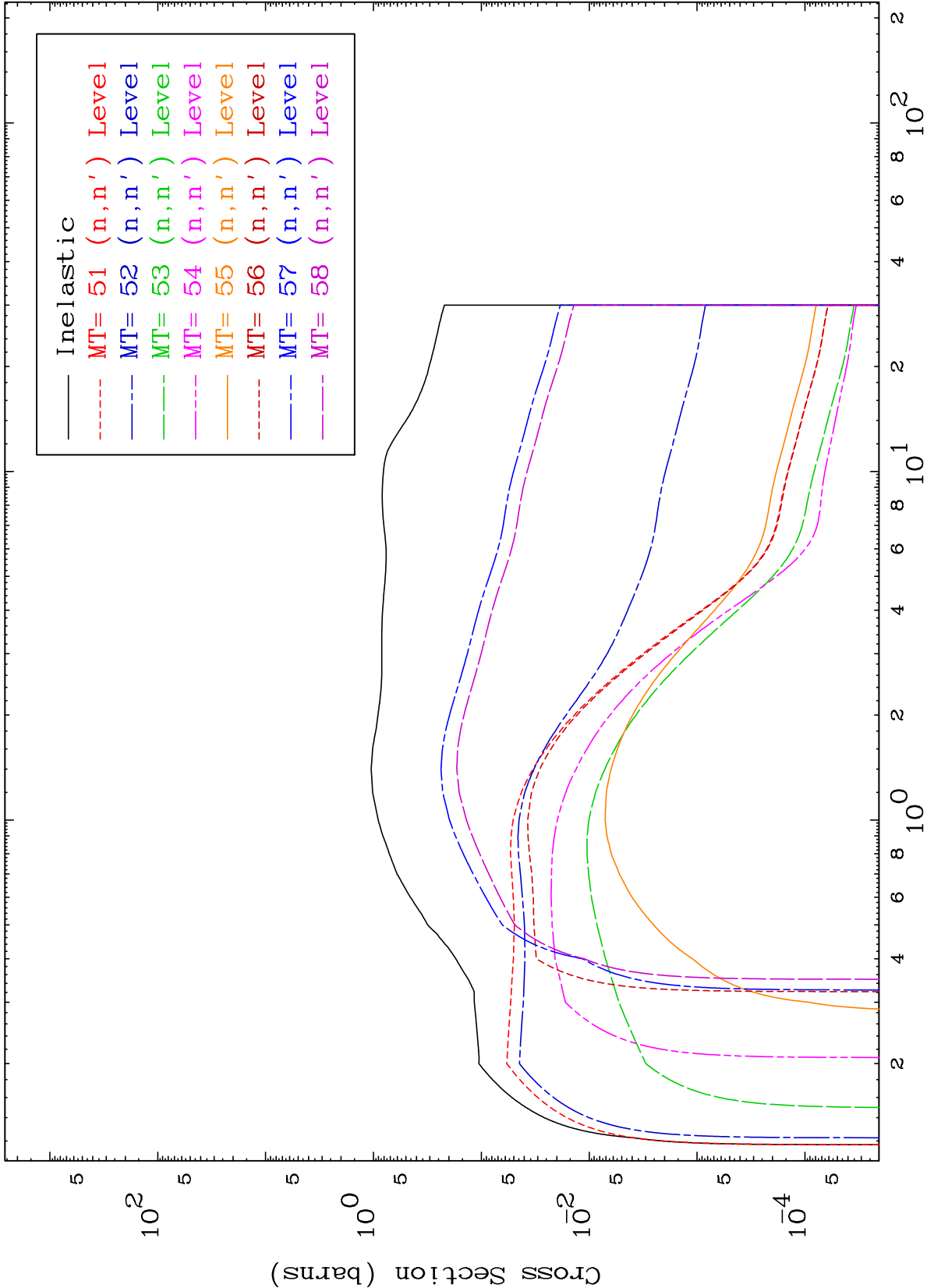
MAT 6289

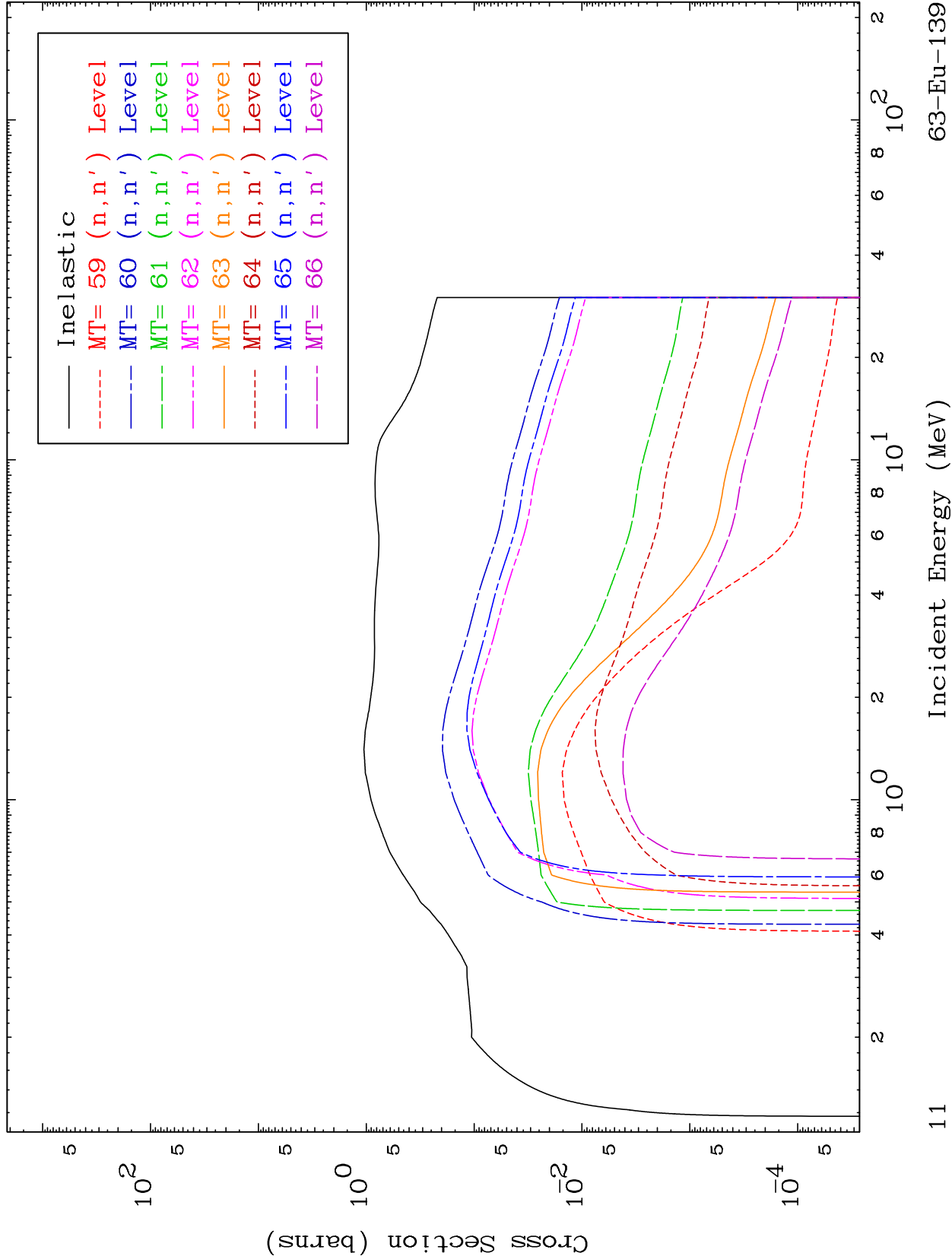
Charged Particle
293 Kelvin Cross Sections

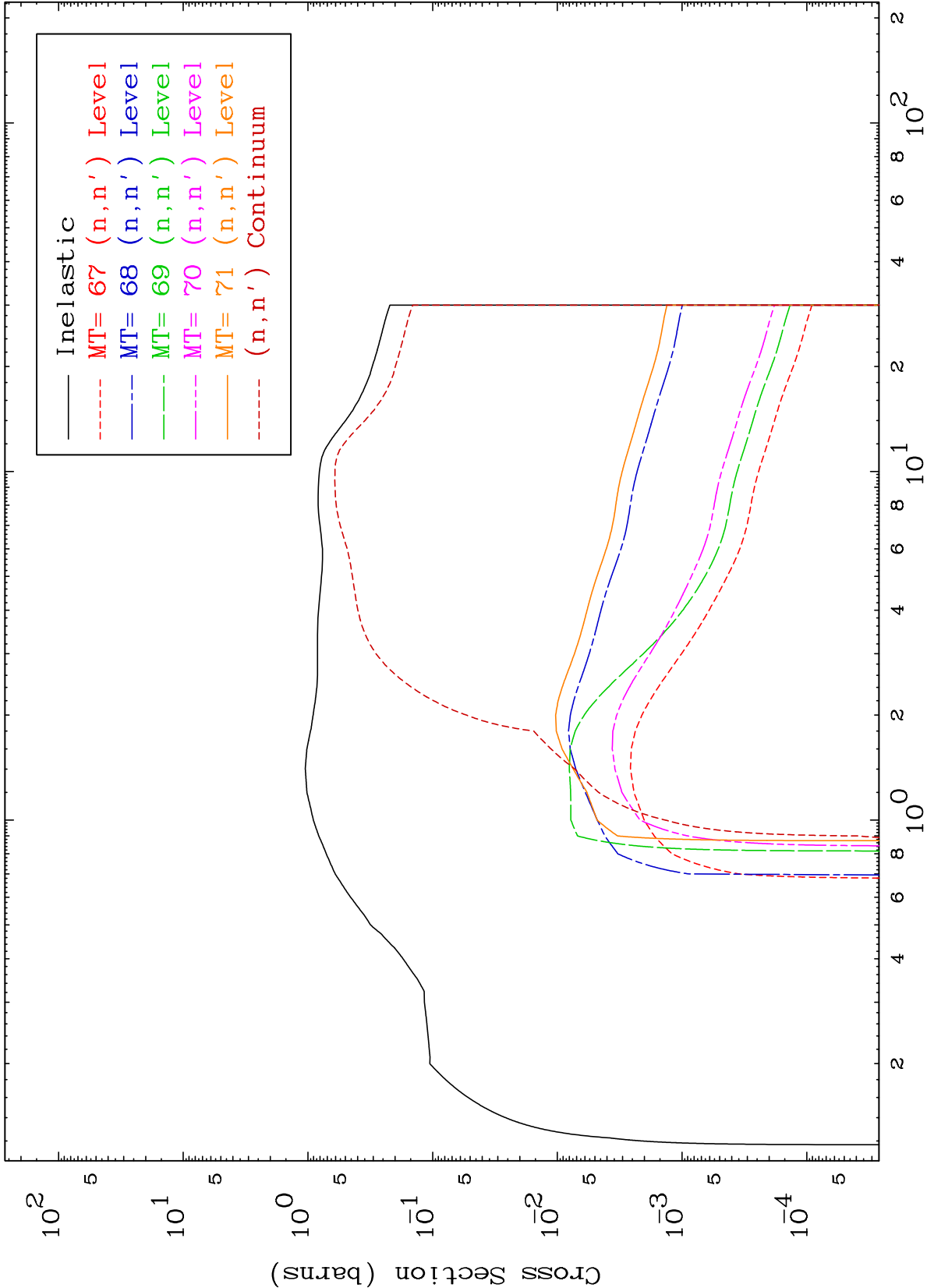
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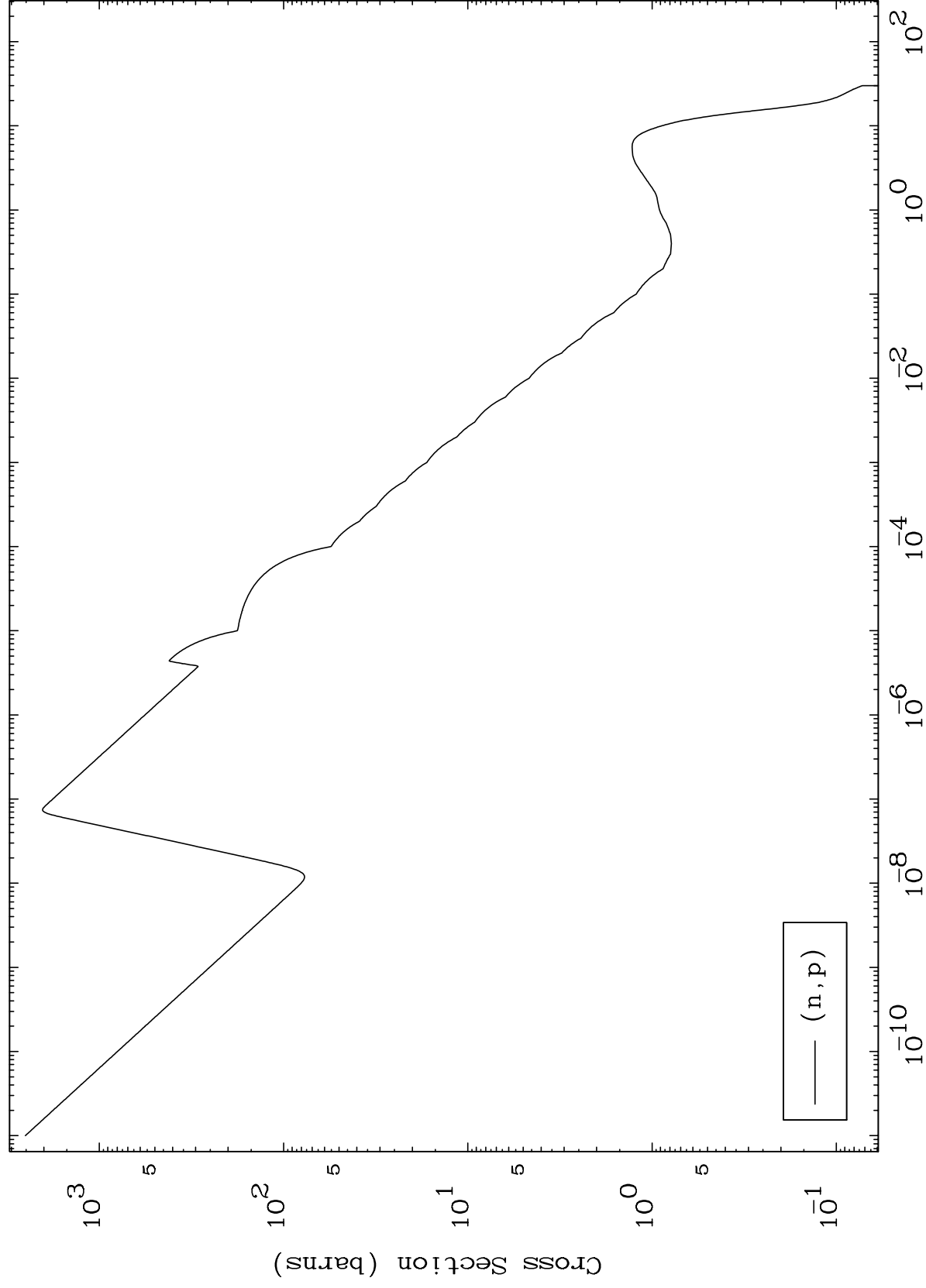




MAT 6289

(n,p) Levels
293 Kelvin Cross Sections

63-Eu-139

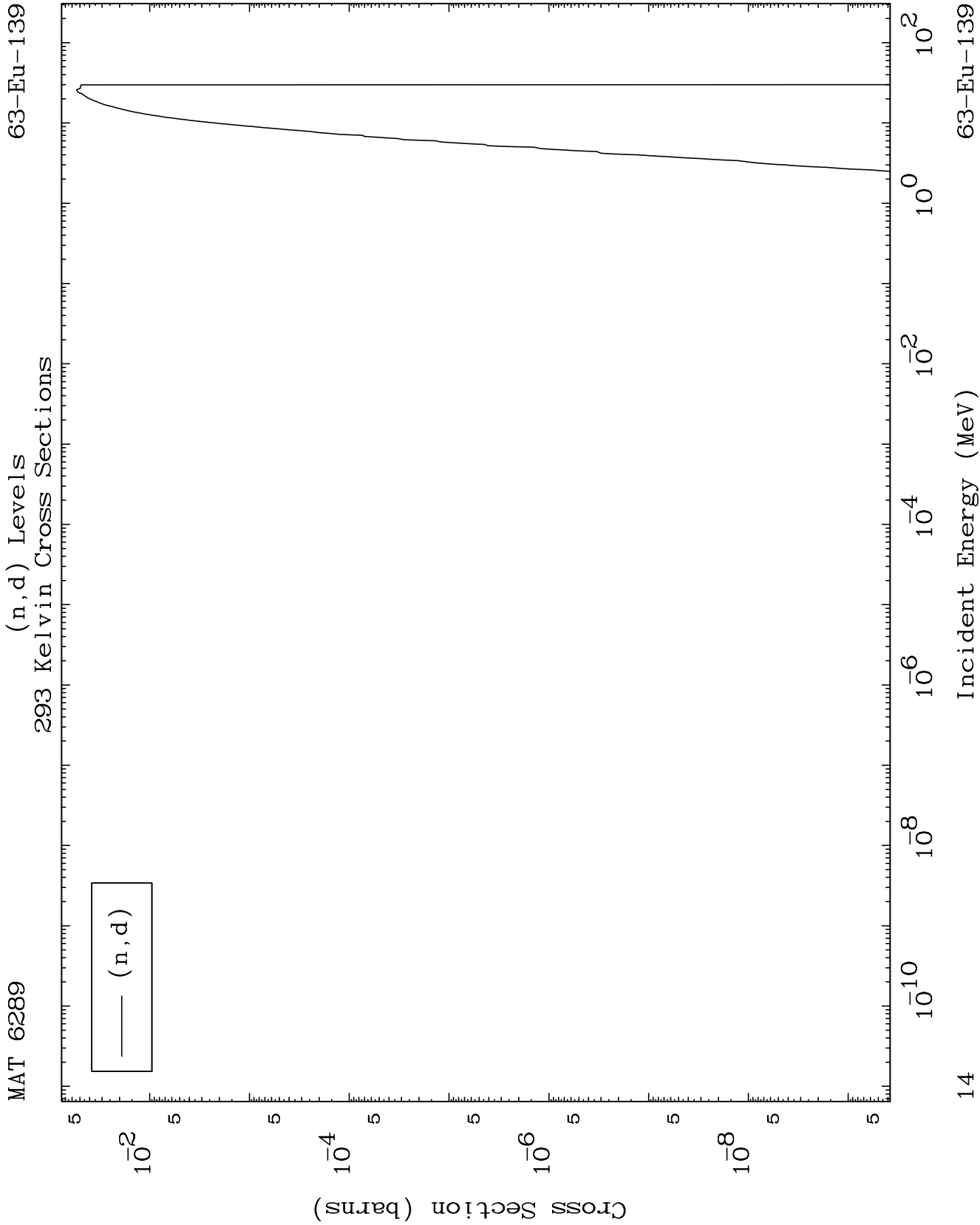


— (n,p)

13

Incident Energy (MeV)

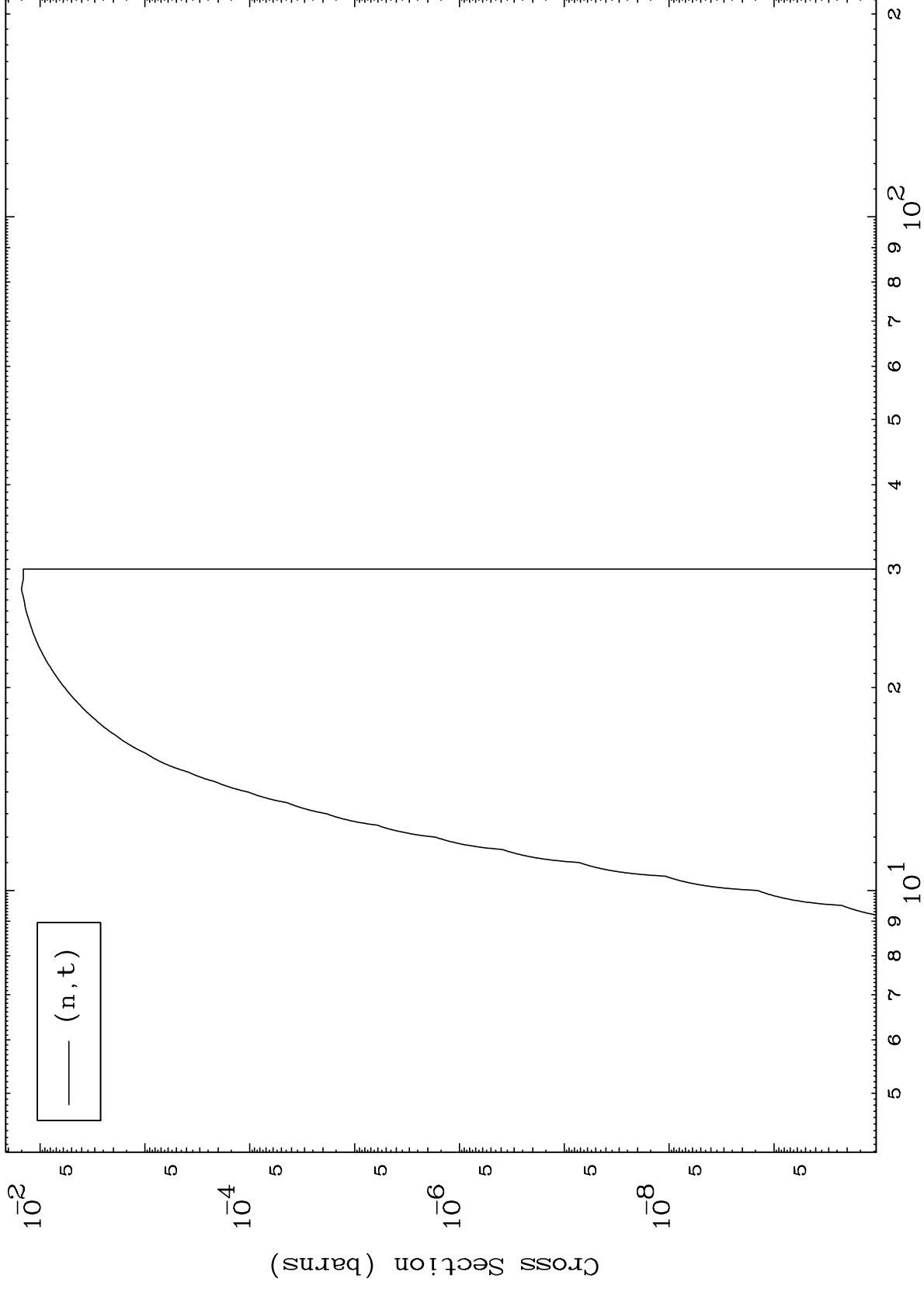
63-Eu-139



MAT 6289

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-139



15

Incident Energy (MeV)

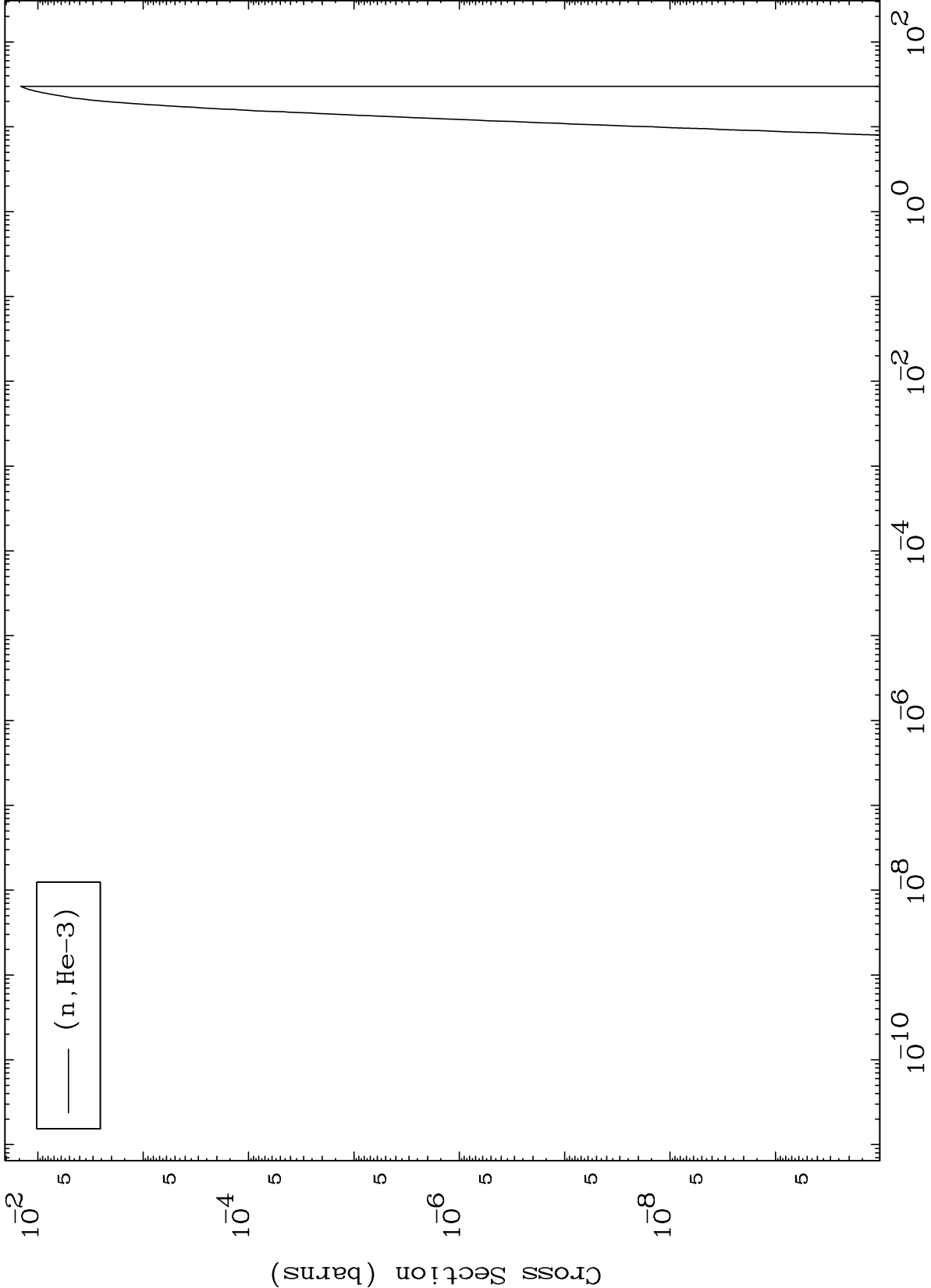
63-Eu-139

MAT 6289

(n,He3) Levels

63-Eu-139

293 Kelvin Cross Sections



16

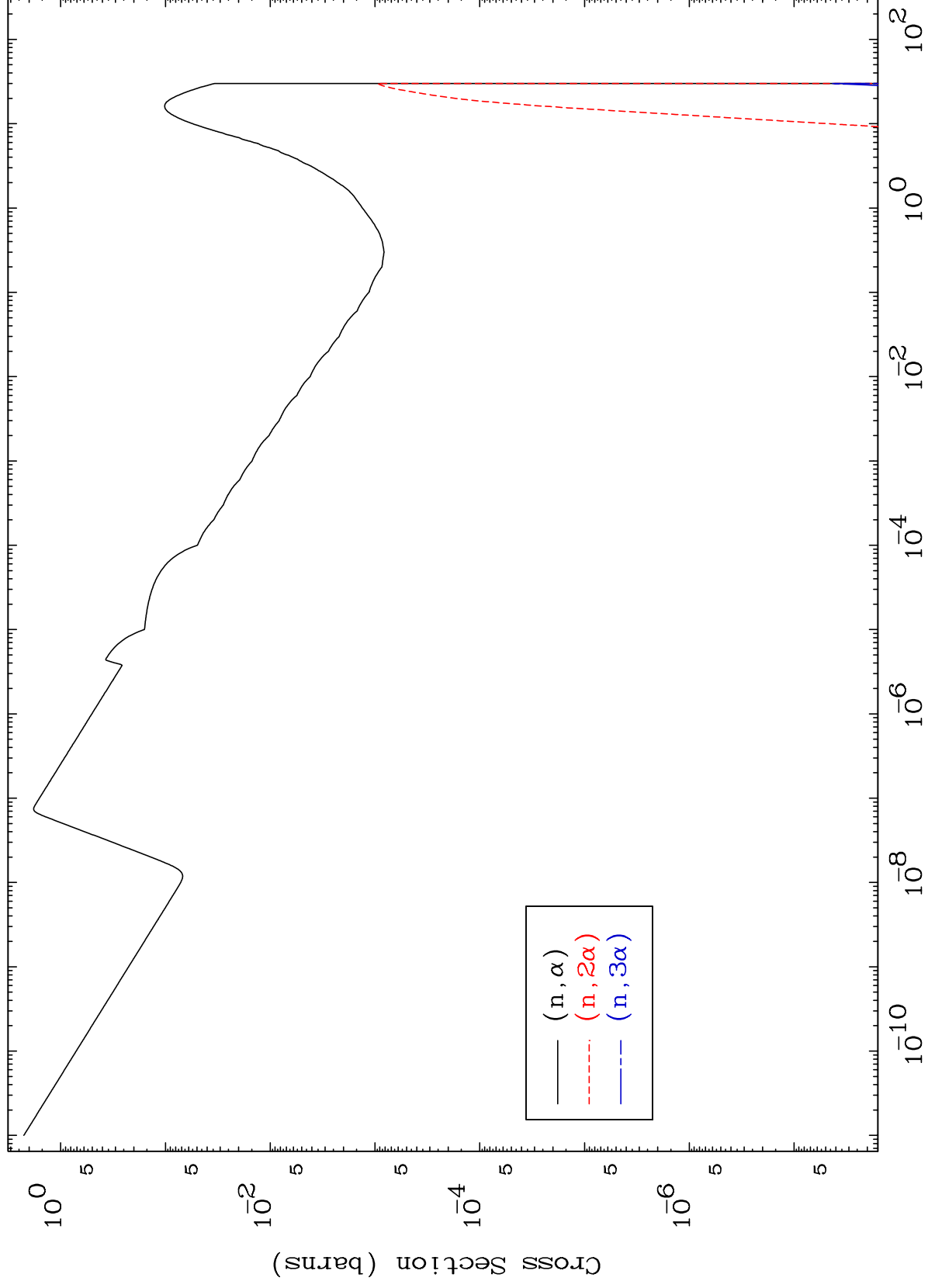
Incident Energy (MeV)

63-Eu-139

MAT 6289

63-Eu-139

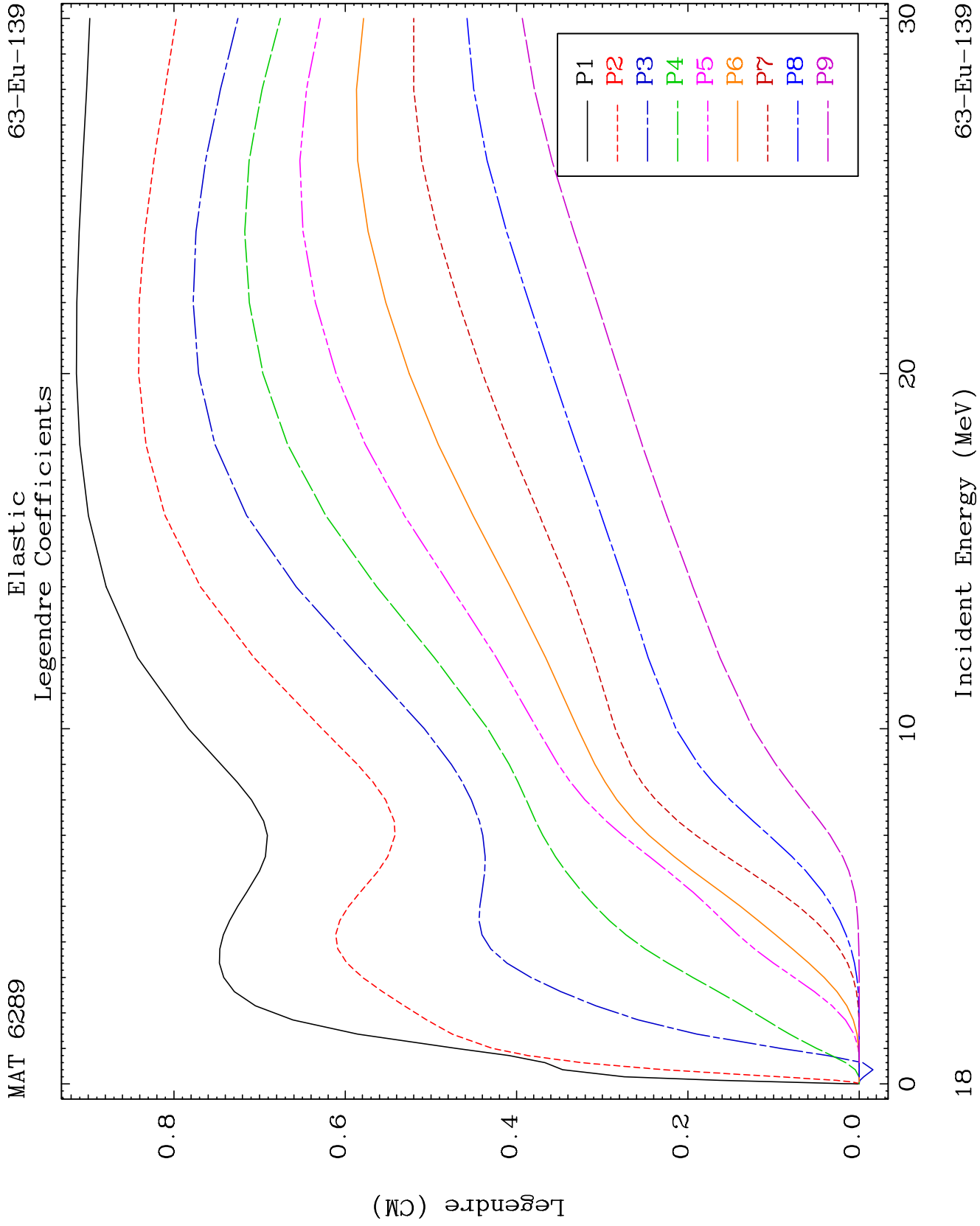
(n, α) Levels
293 Kelvin Cross Sections

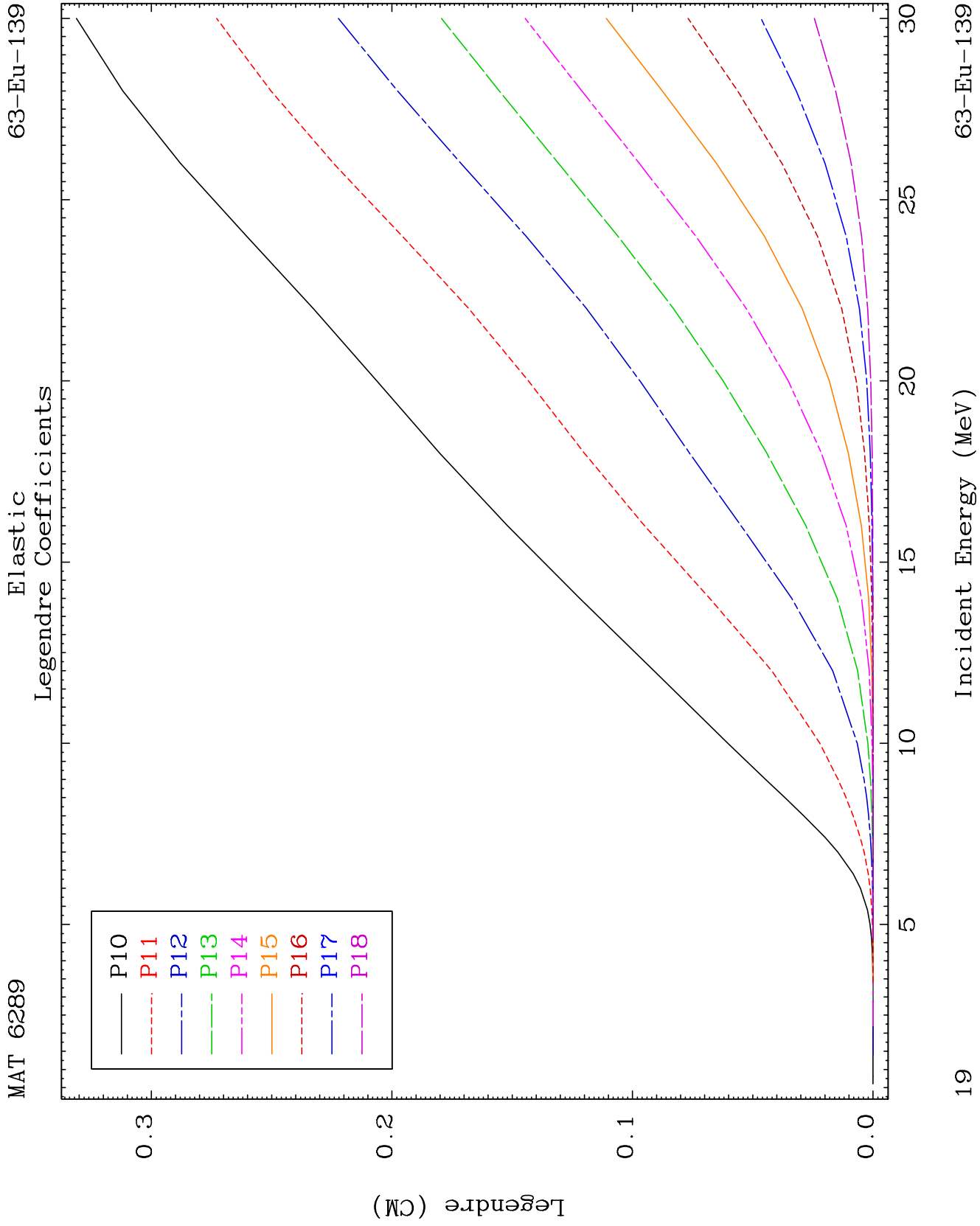


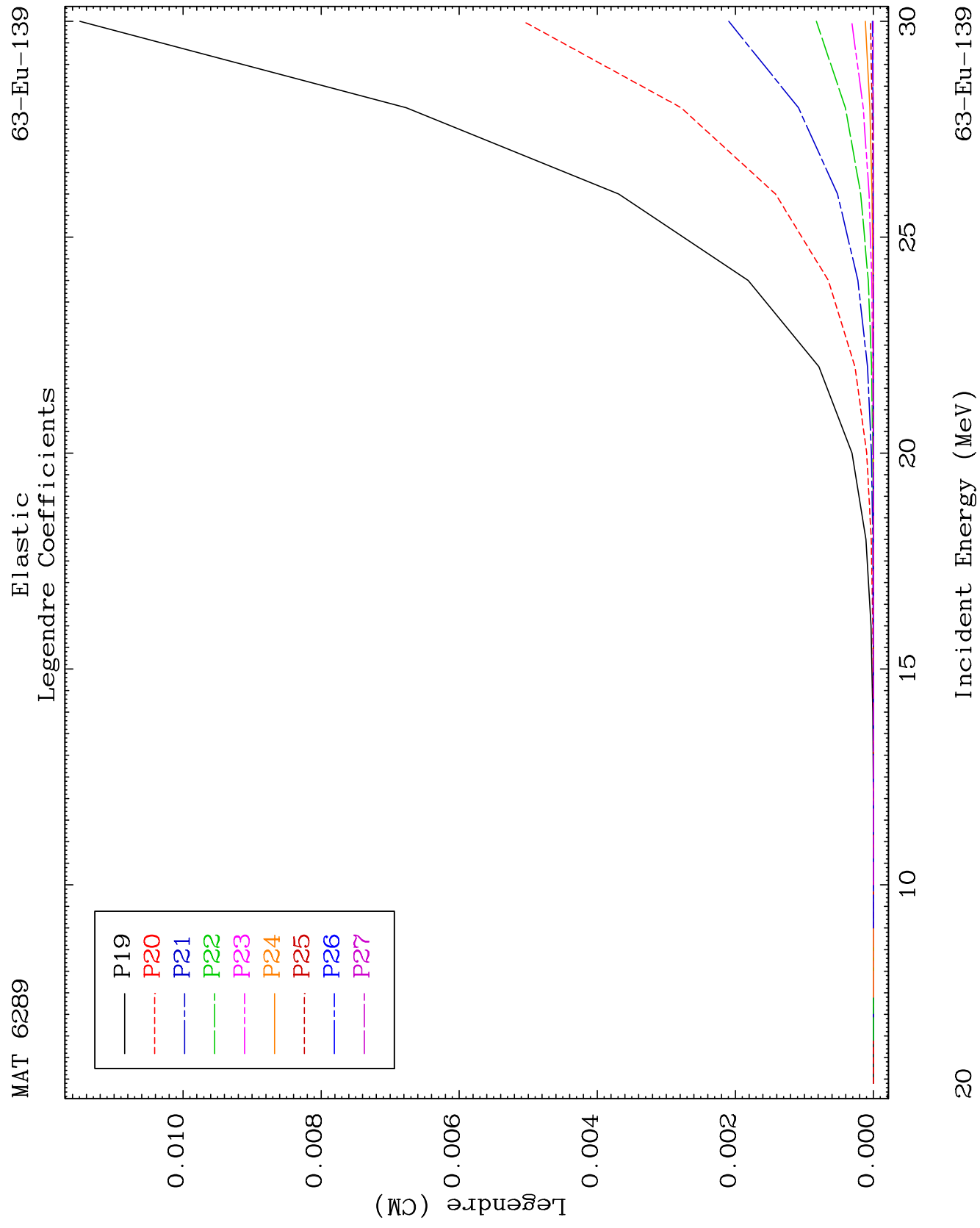
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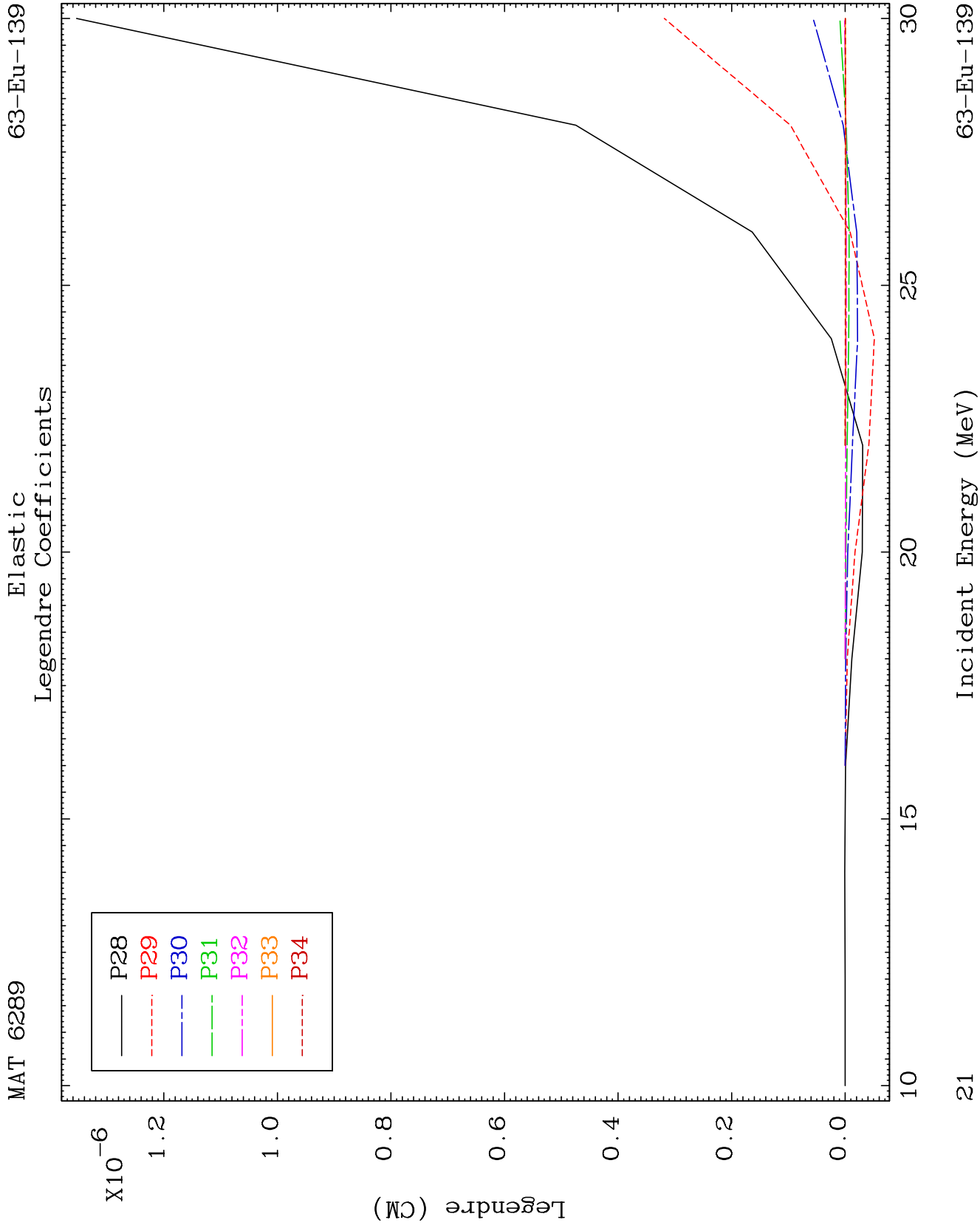
Incident Energy (MeV)

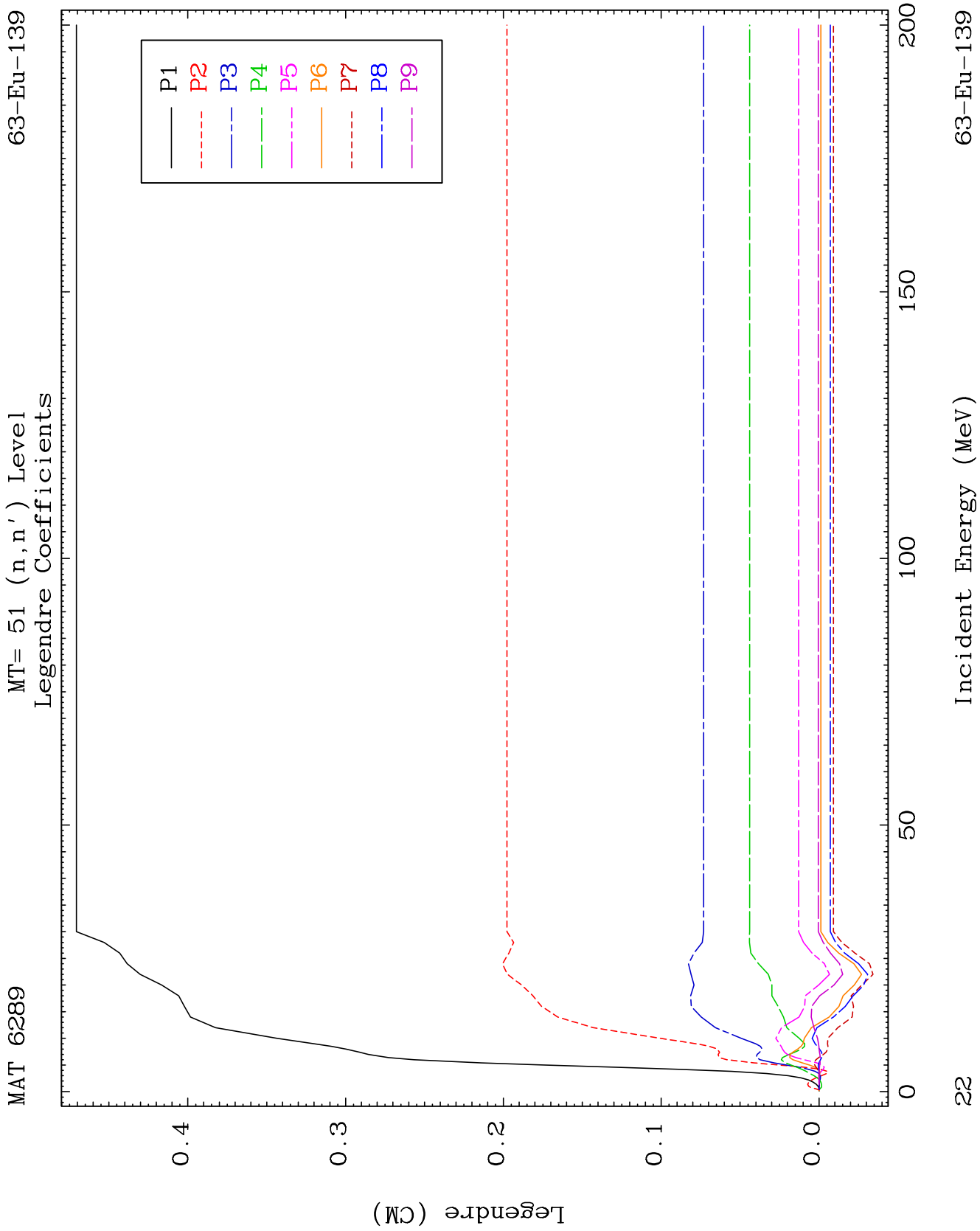
17







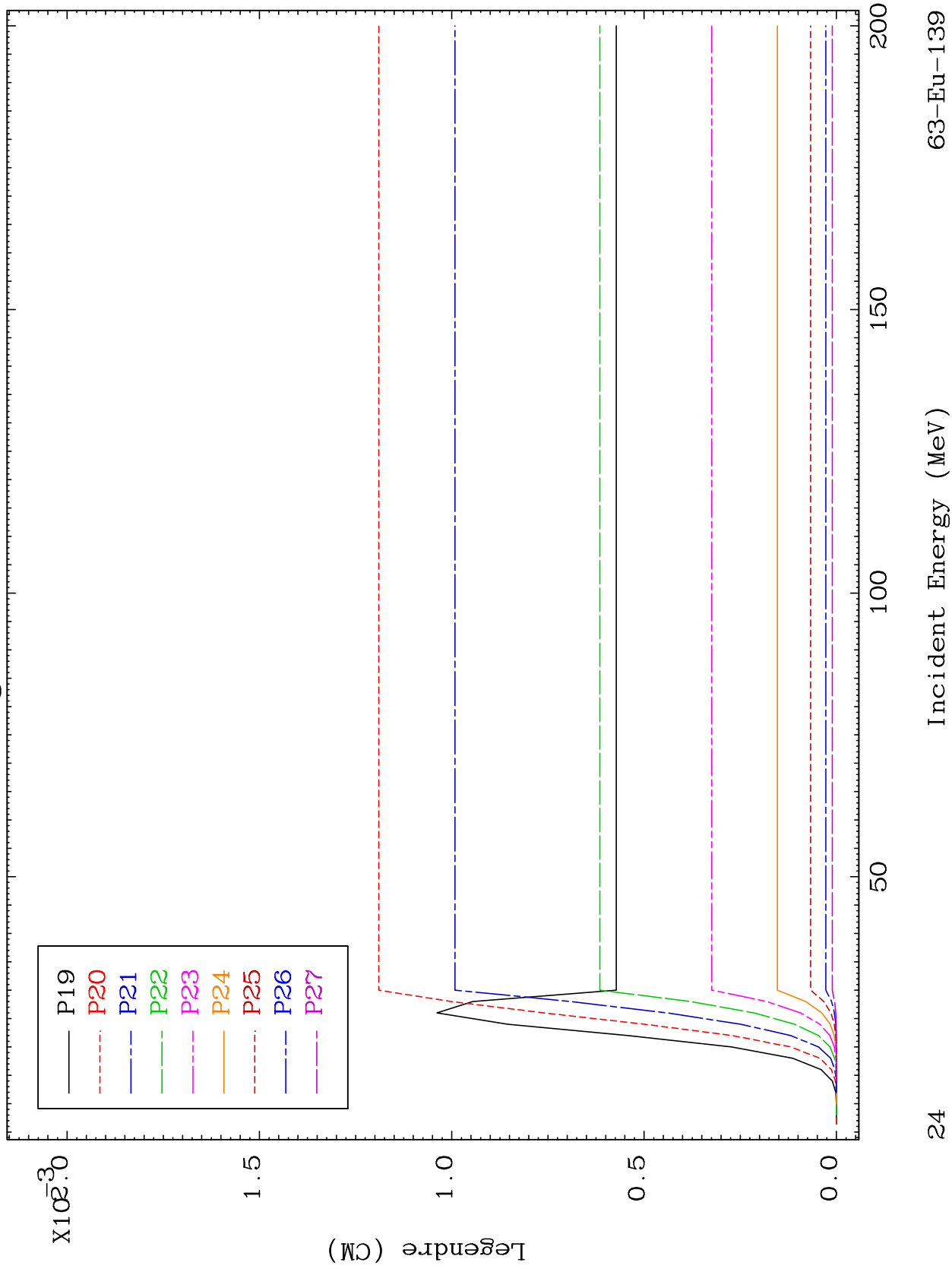


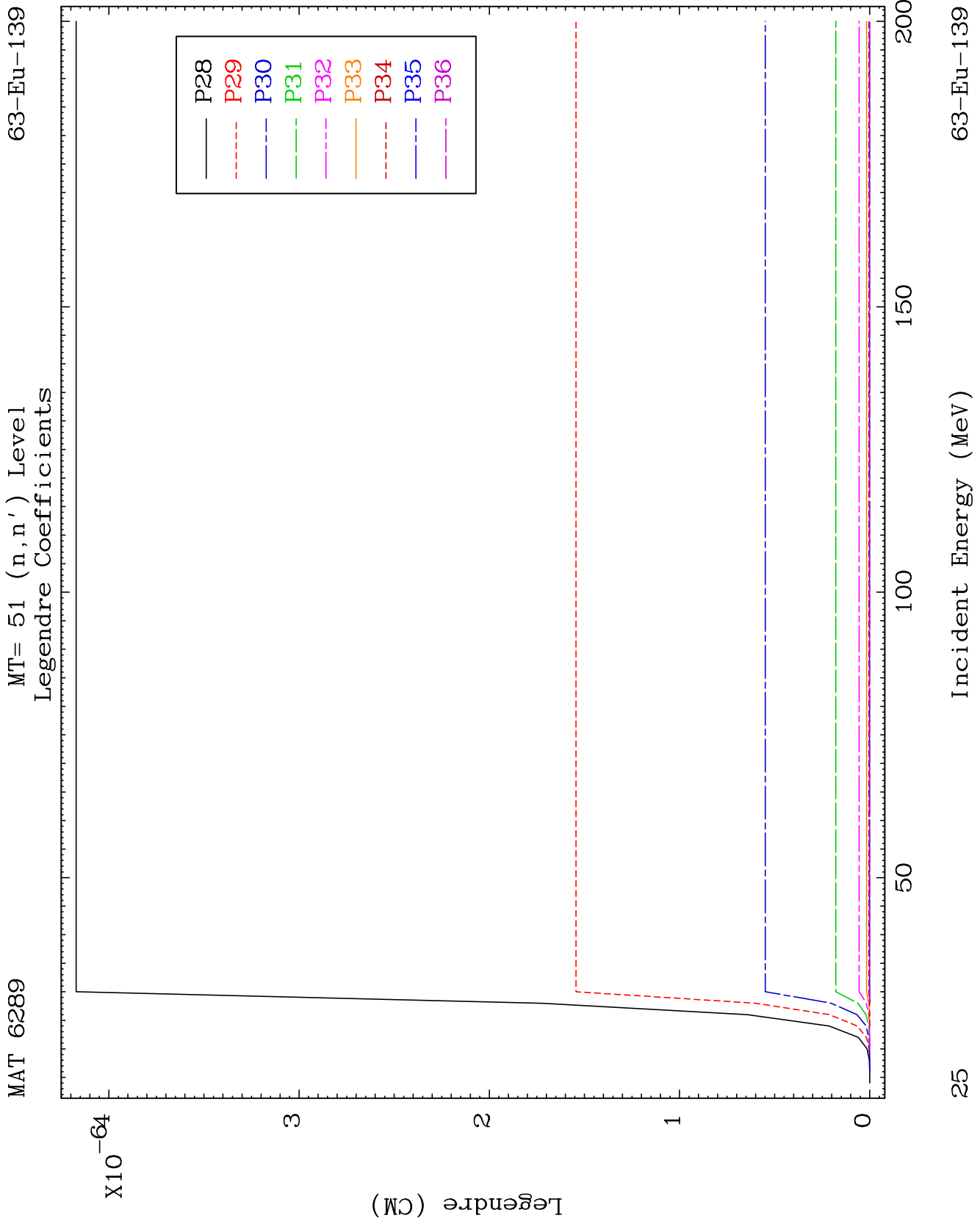


MAT 6289

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

63-Eu-139

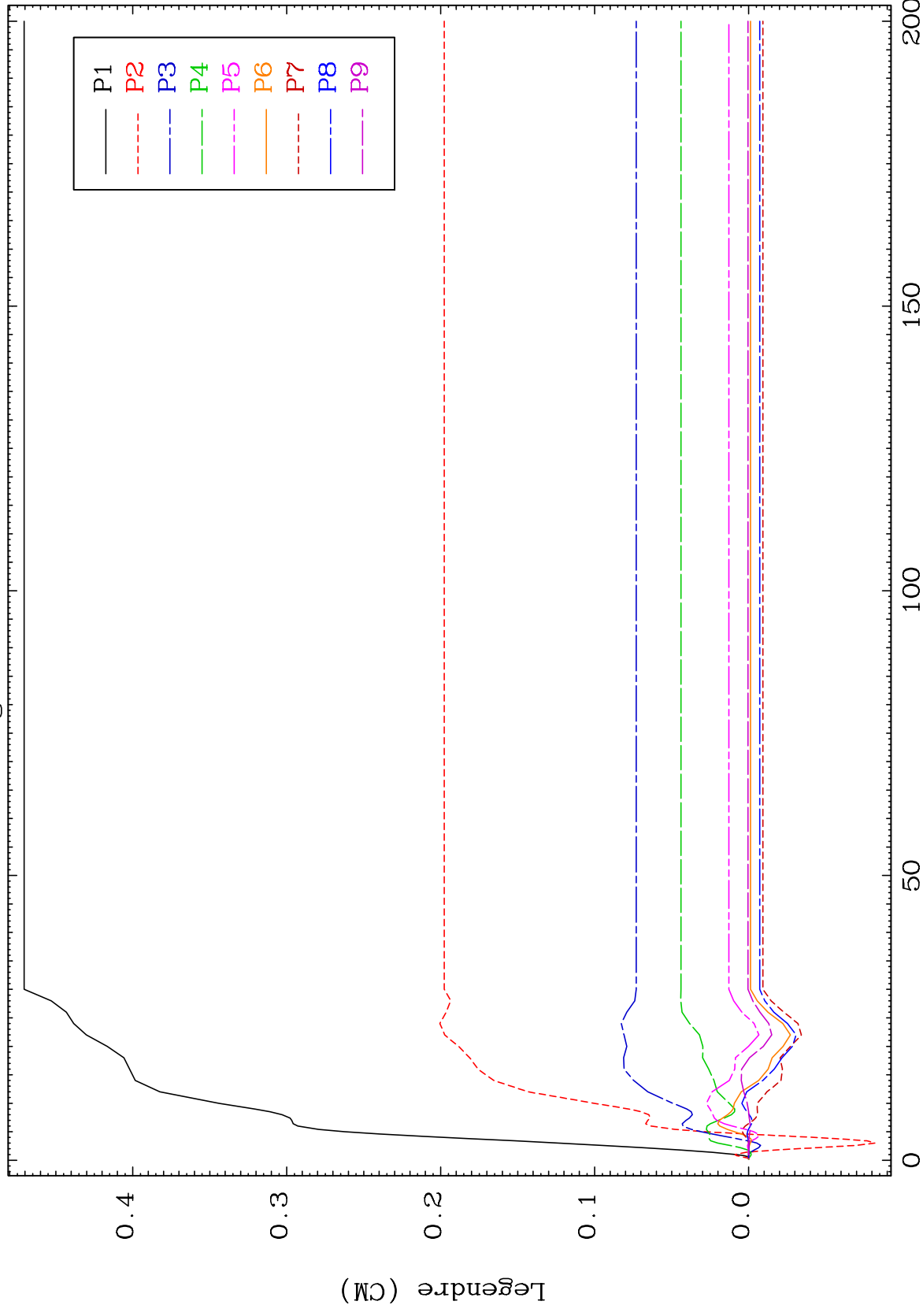




MAT 6289

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

63-Eu-139



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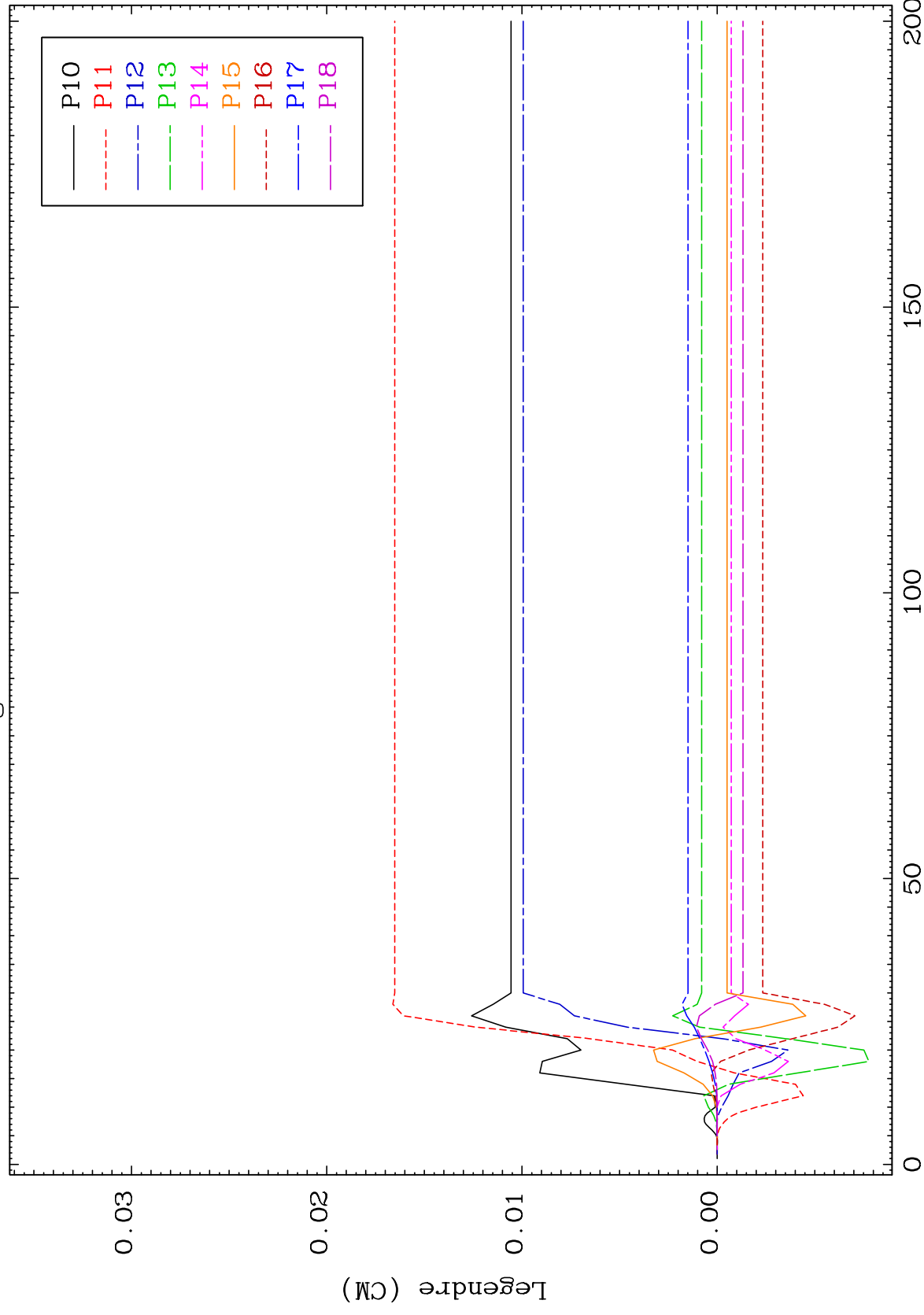
Incident Energy (MeV)

63-Eu-139

MAT 6289

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

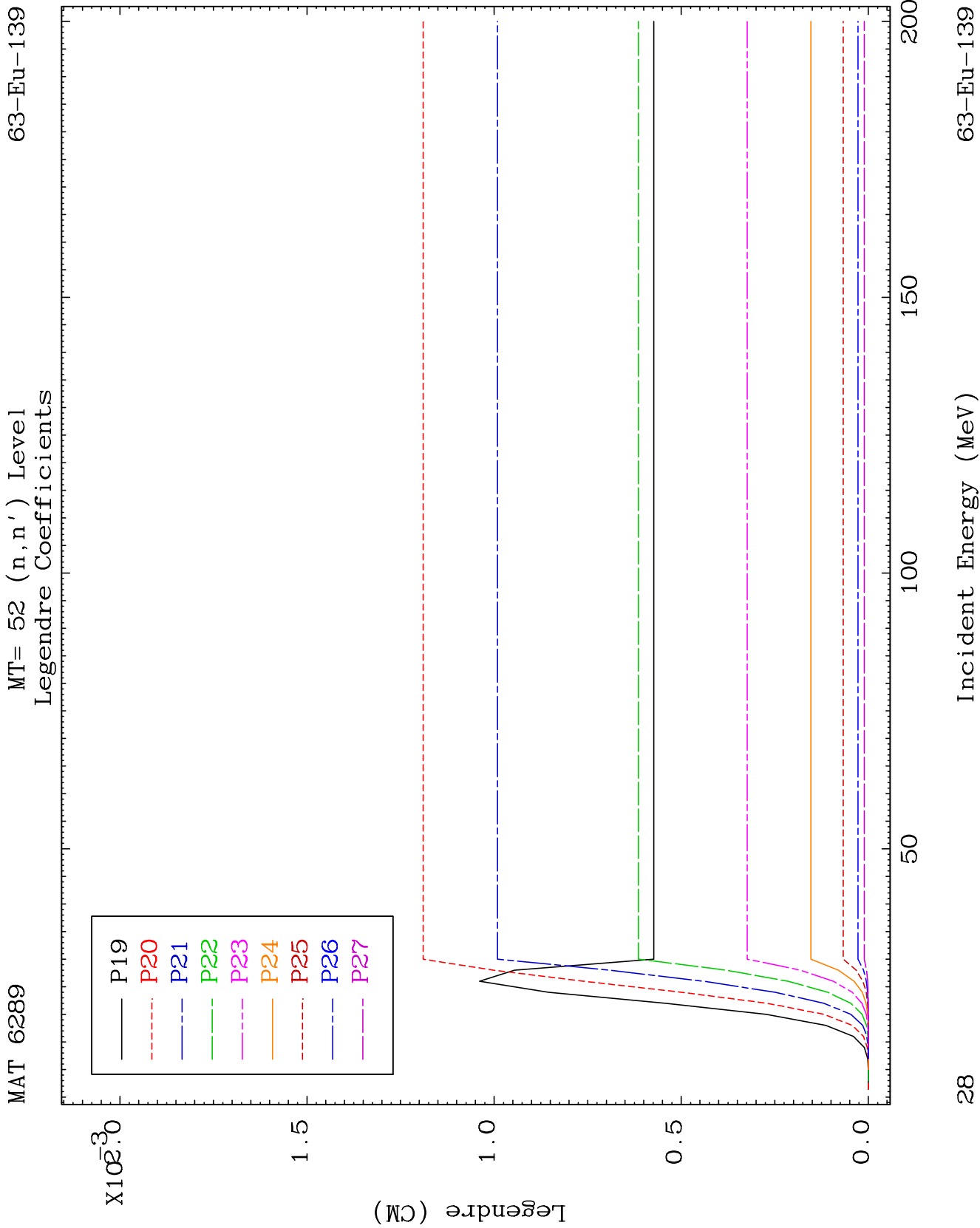
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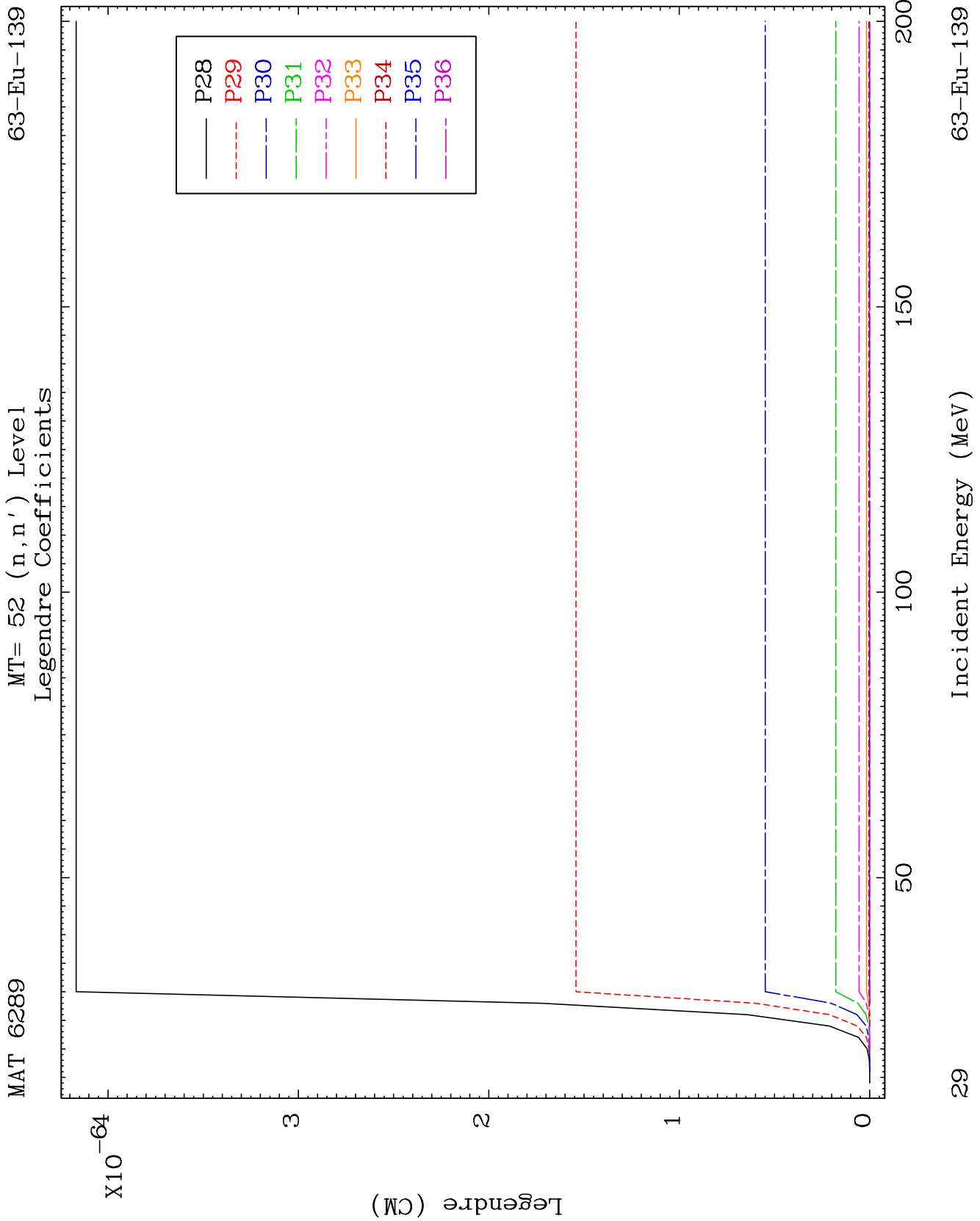


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Incident Energy (MeV)

63-Eu-139

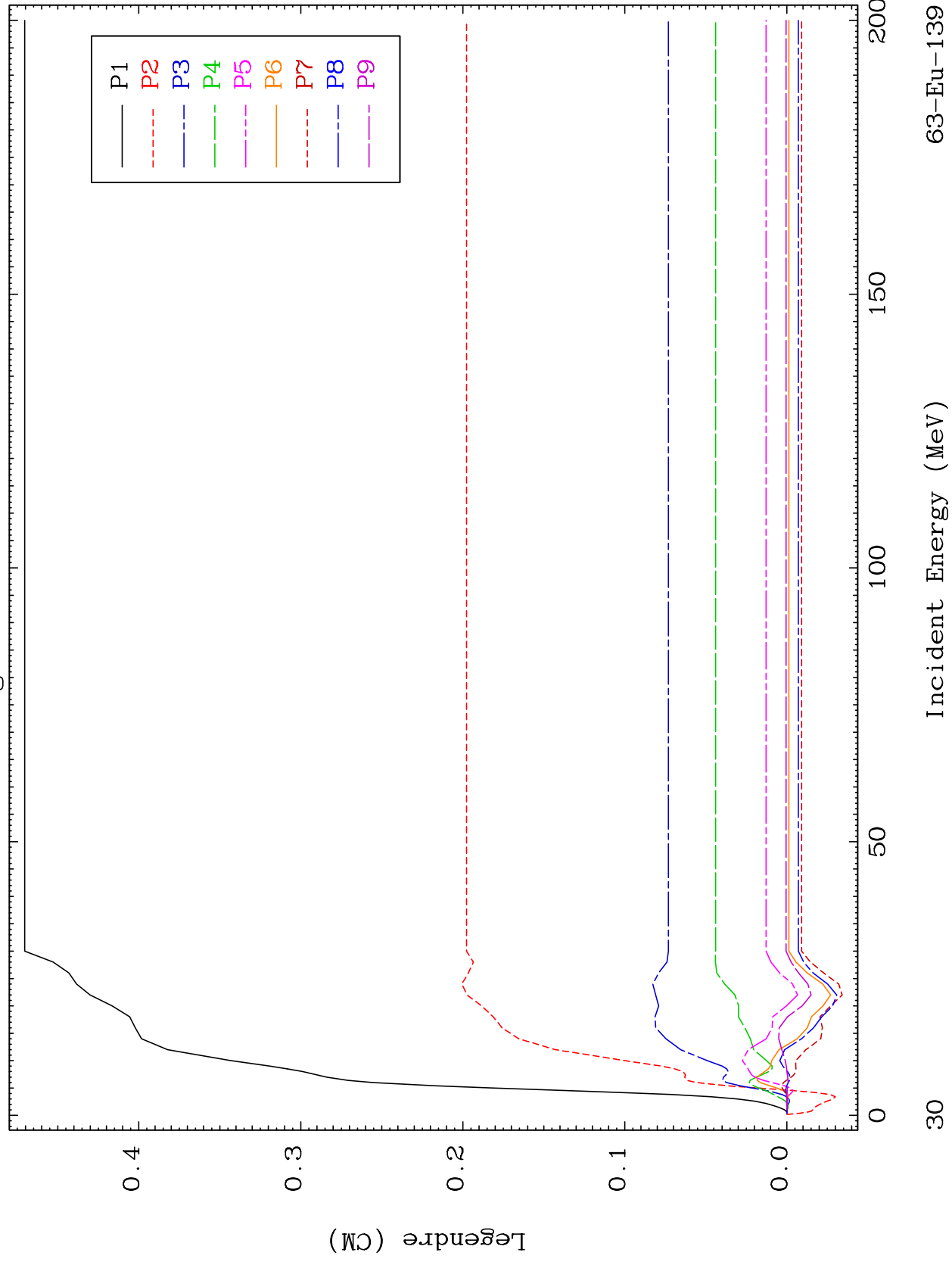


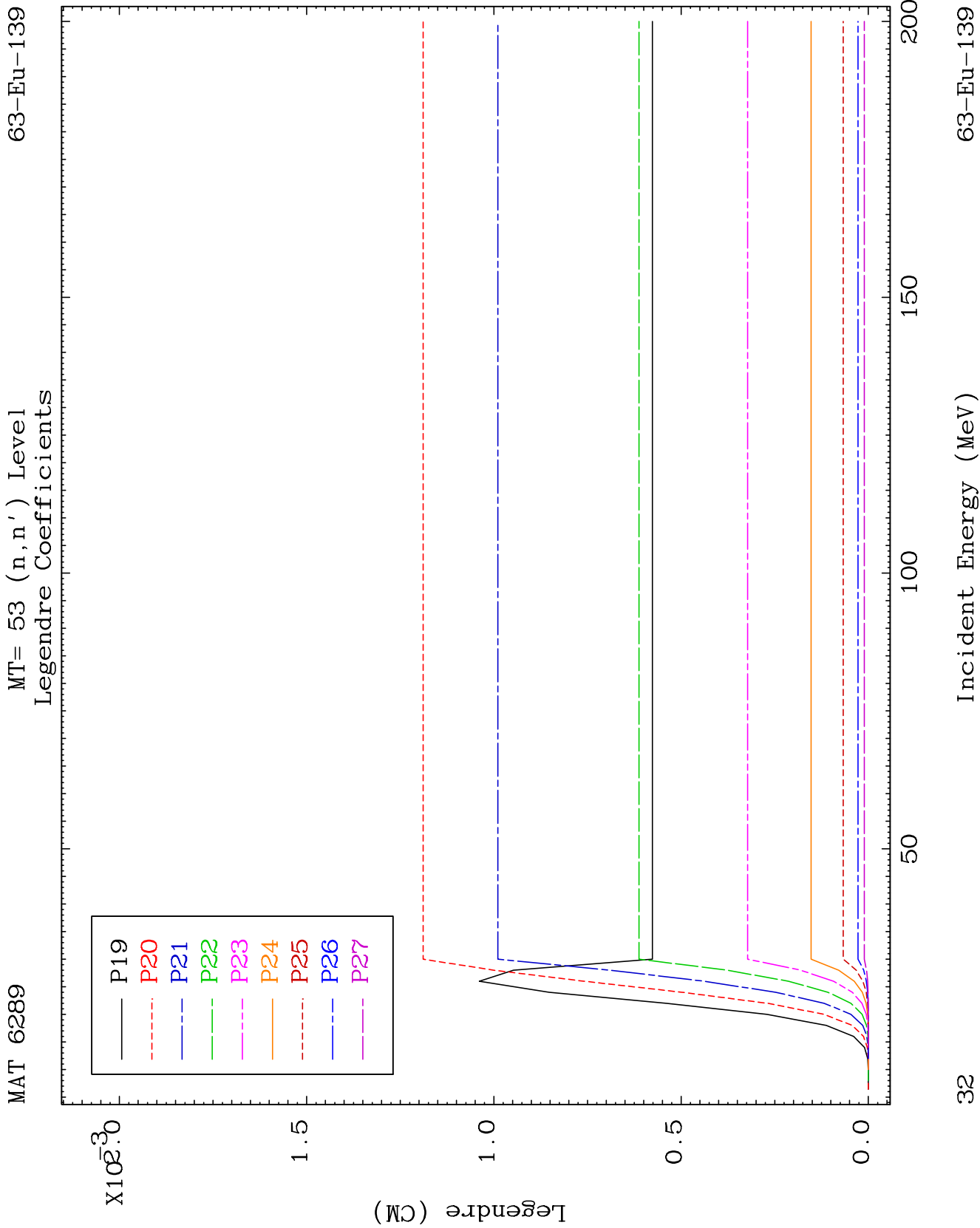


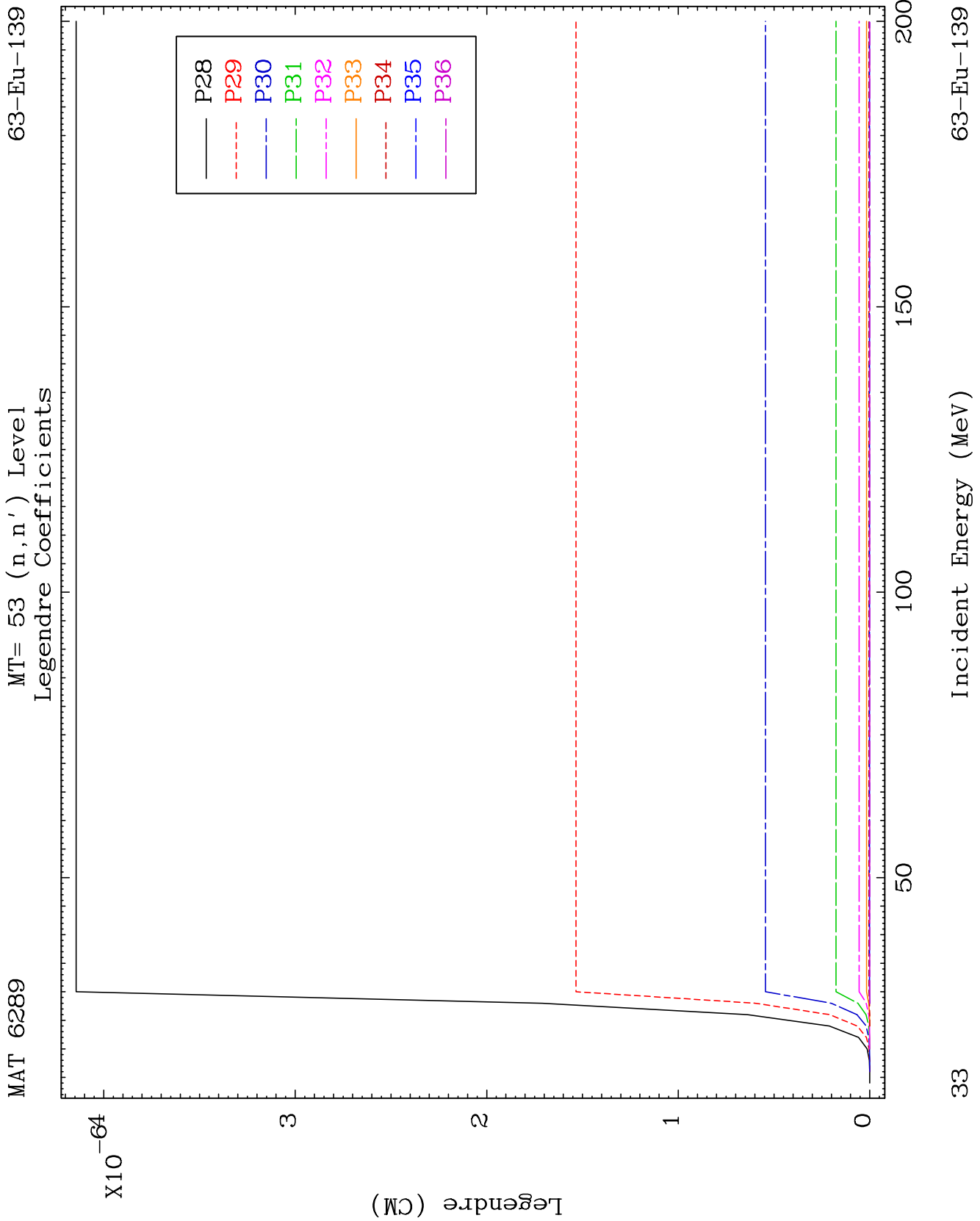
MAT 6289

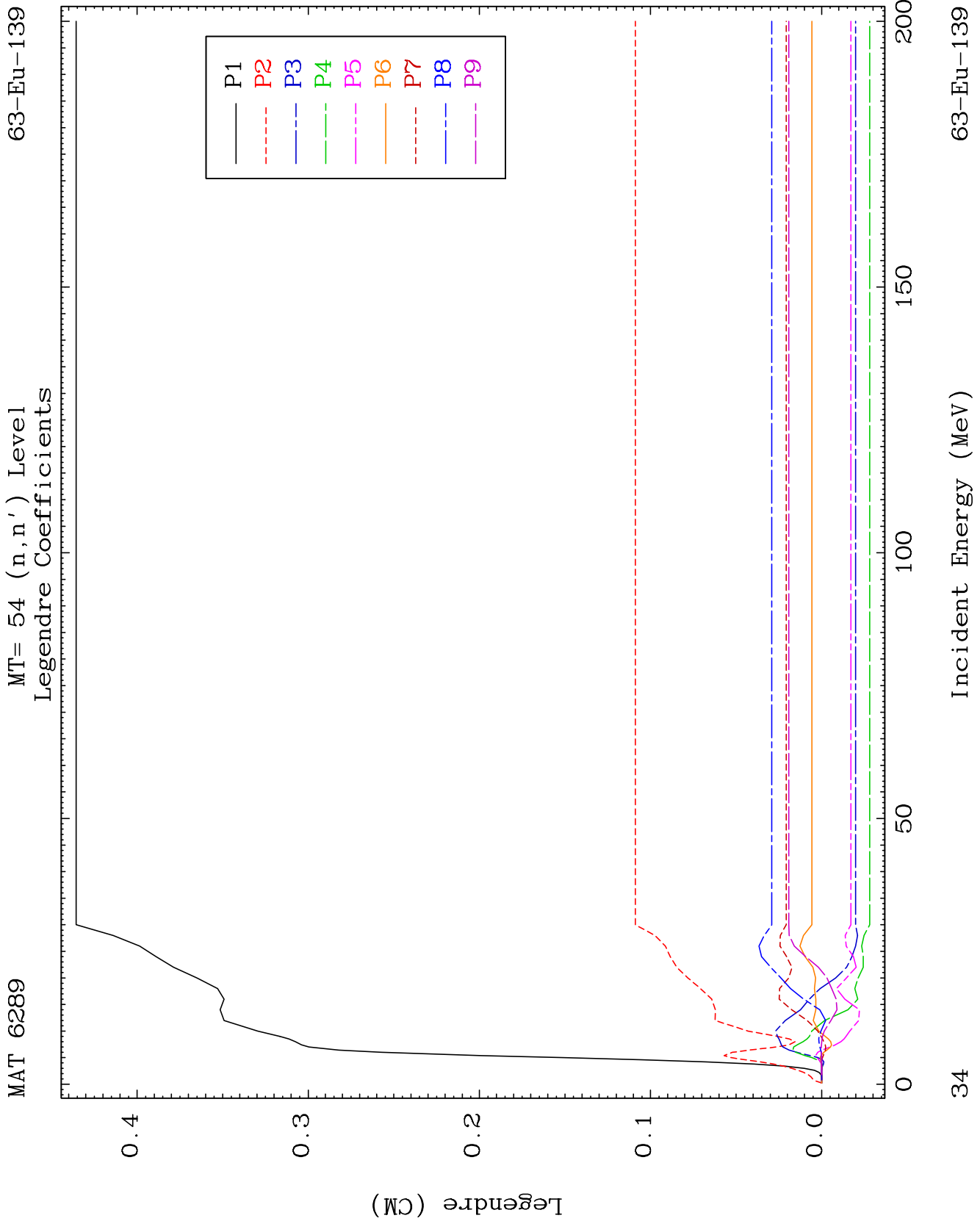
MT= 53 (n, n') Level
Legendre Coefficients

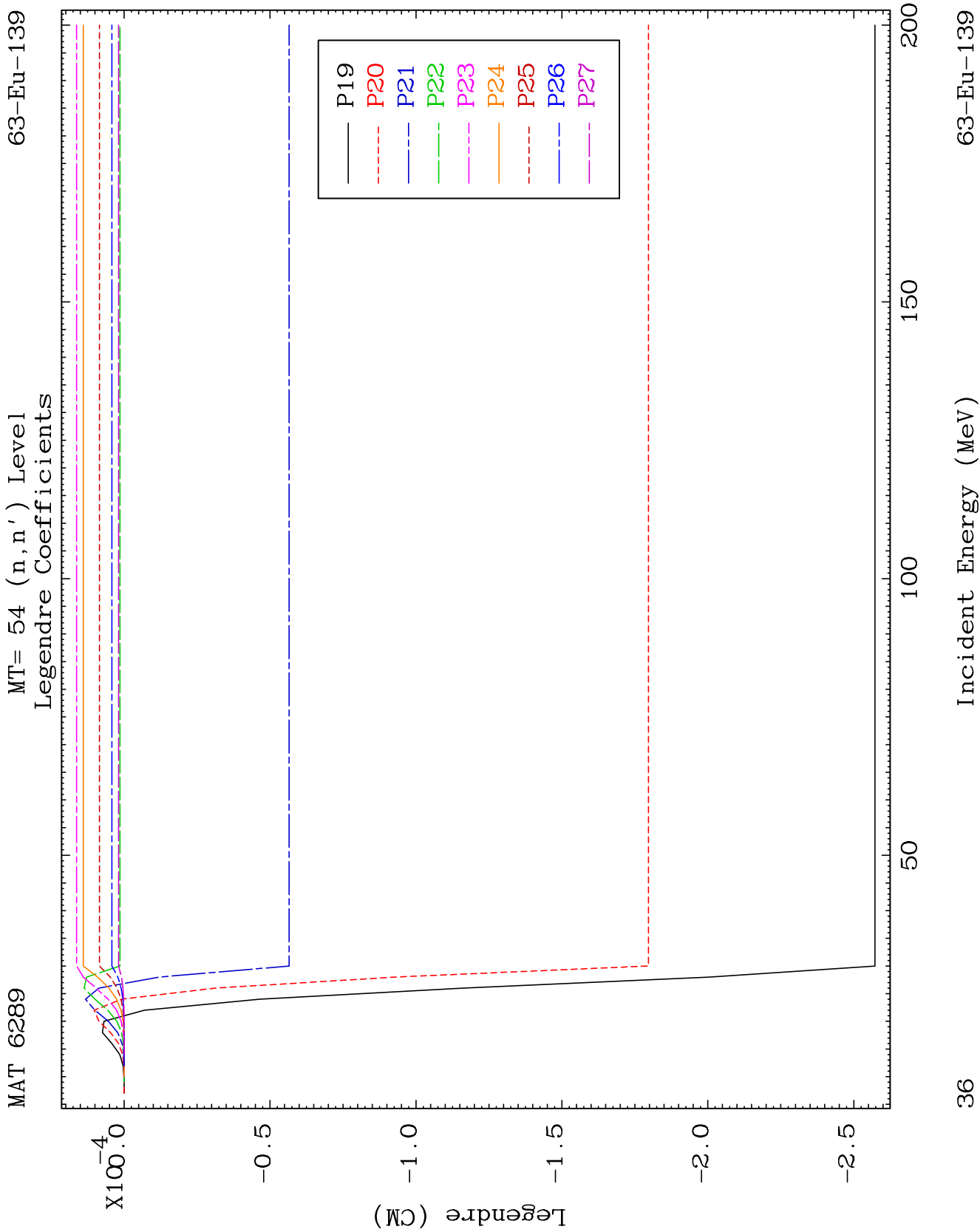
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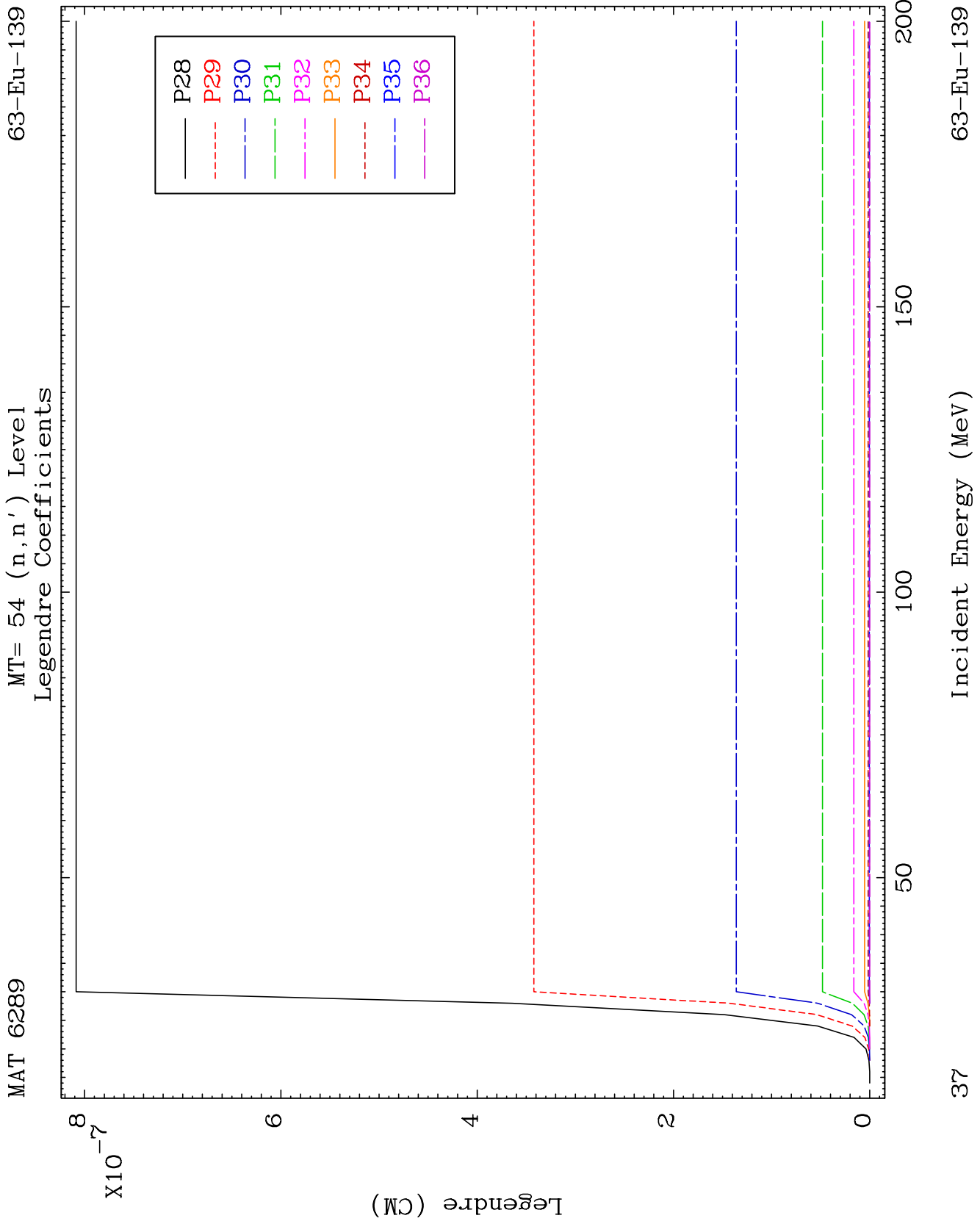








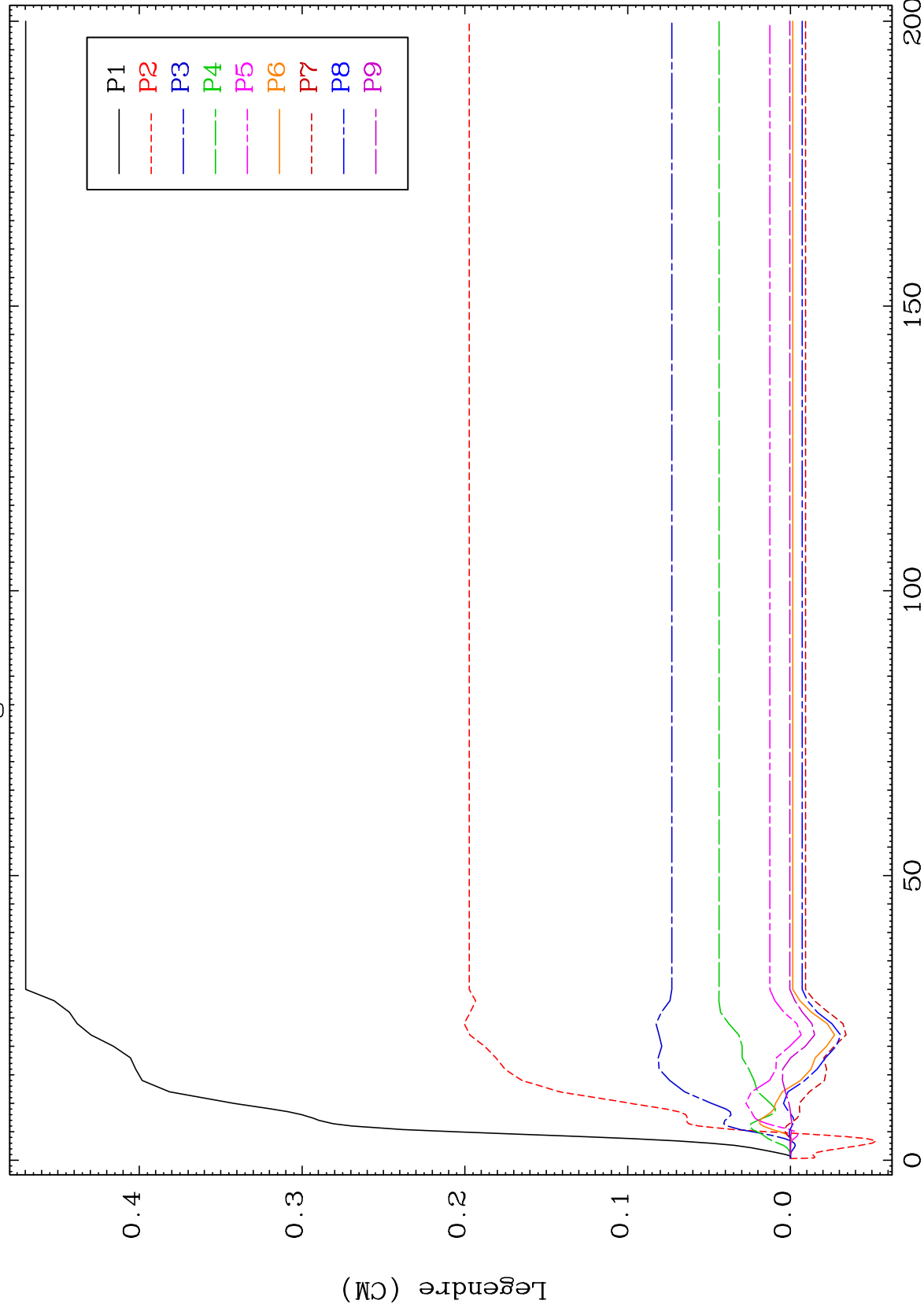




MAT 6289

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

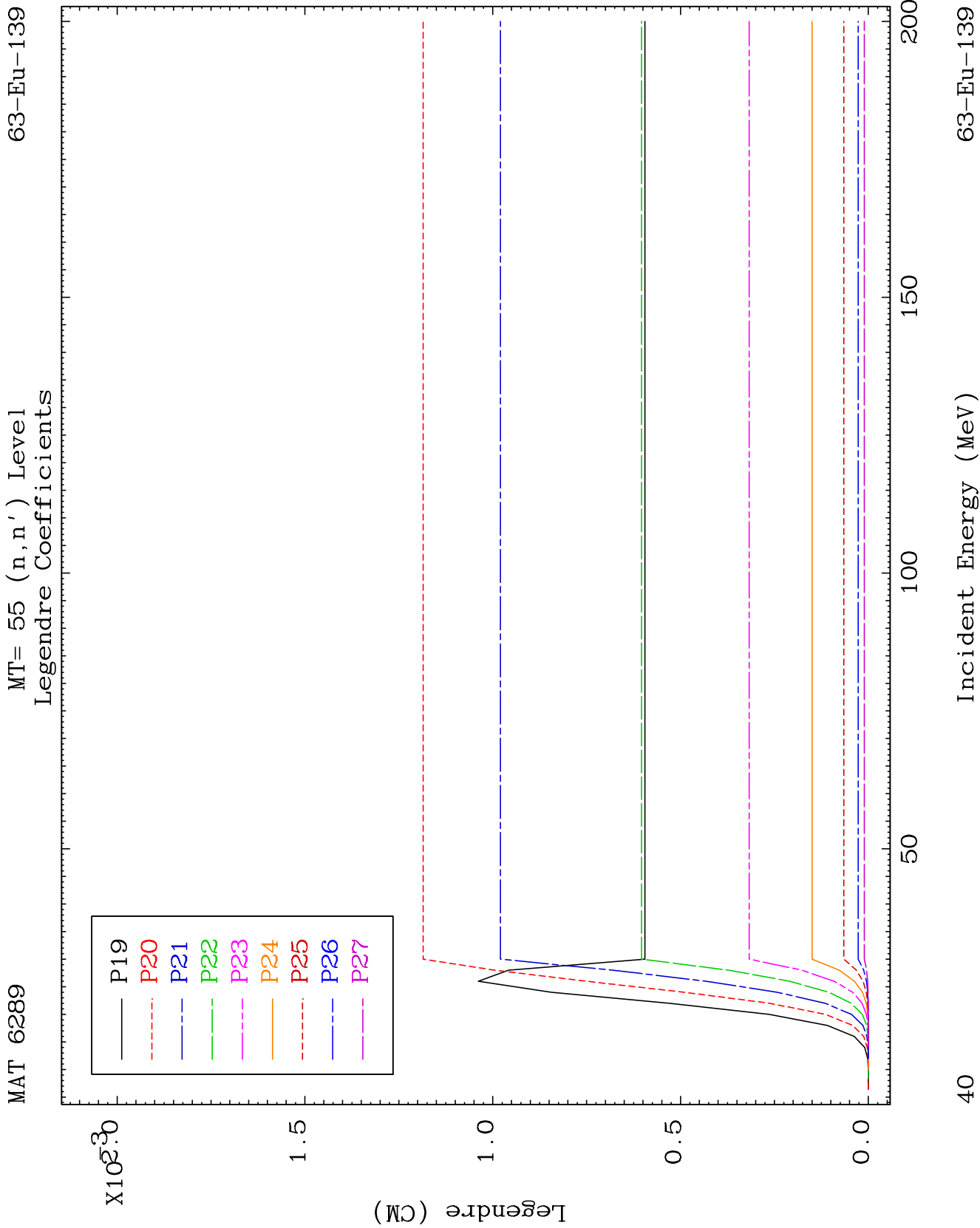
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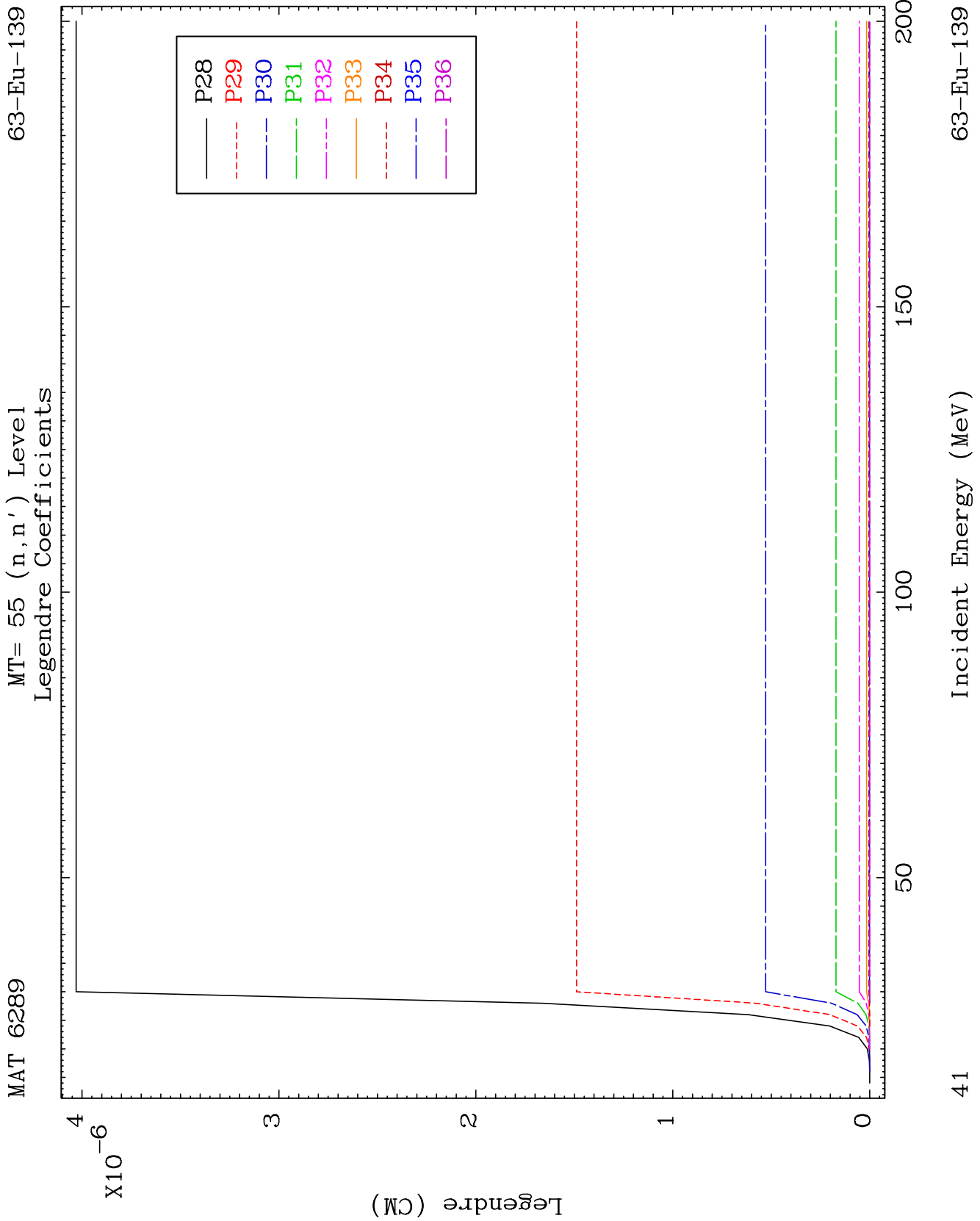


33

Incident Energy (MeV)

63-Eu-139

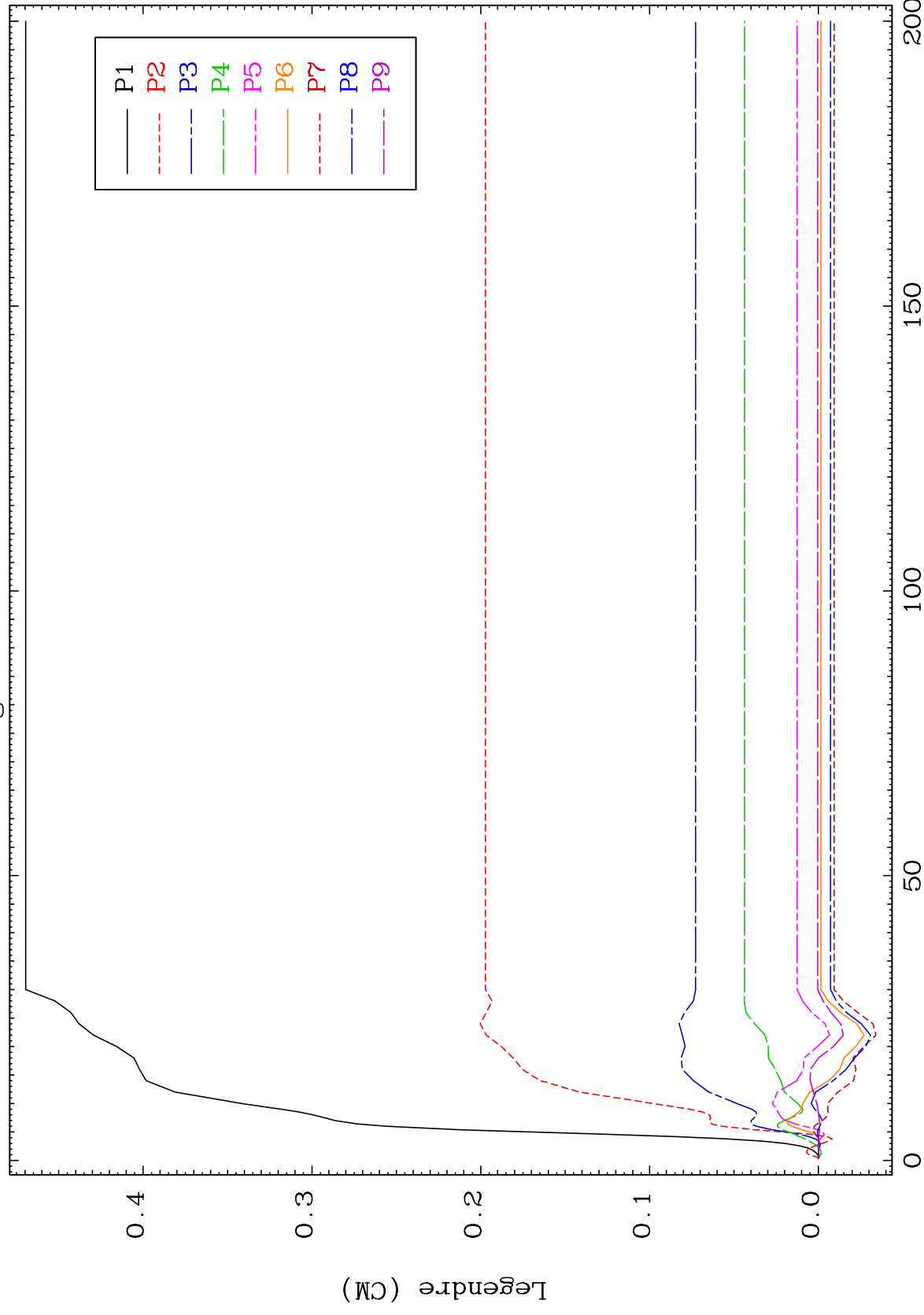




MAT 6289

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

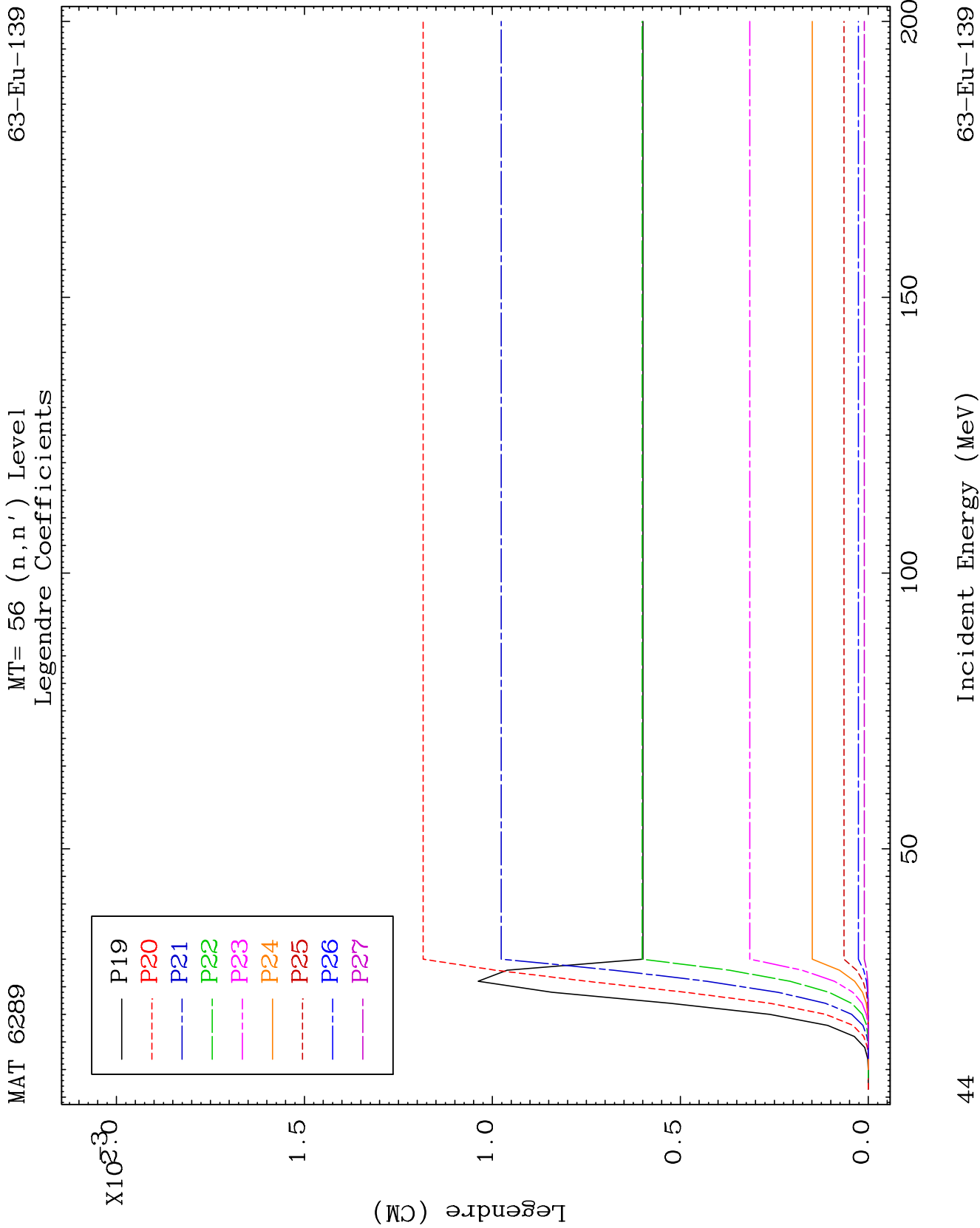
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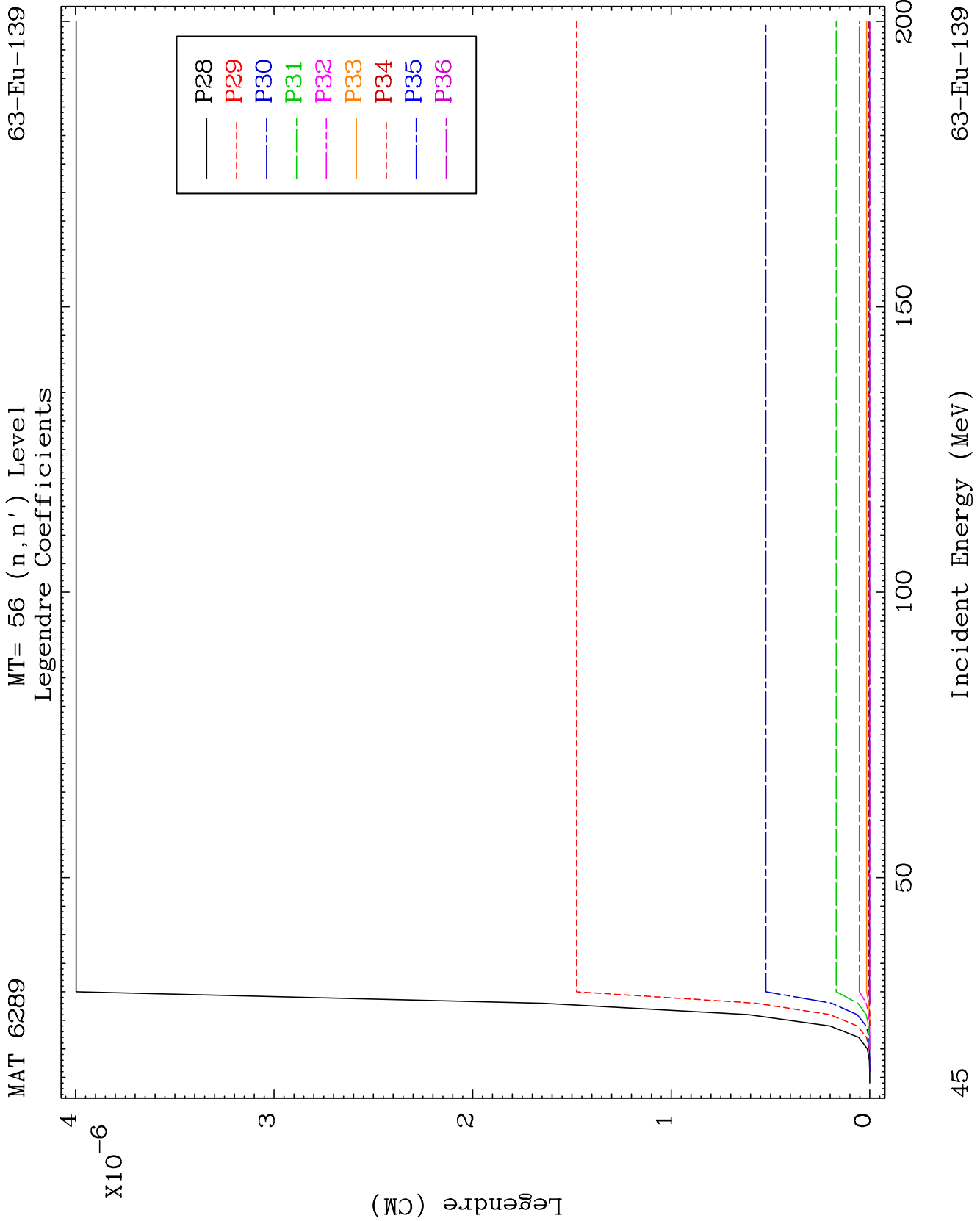


42

Incident Energy (MeV)

63-Eu-139

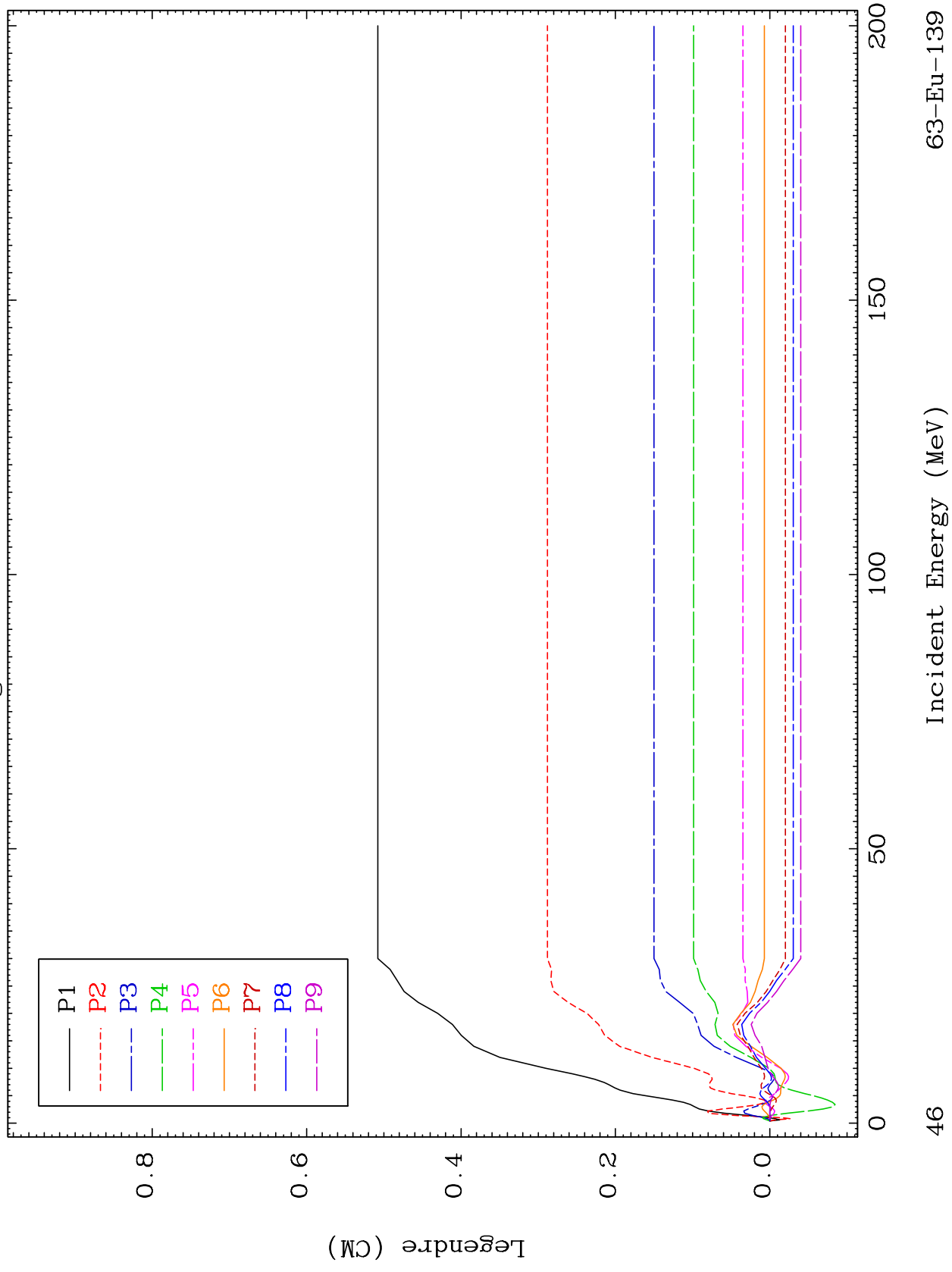


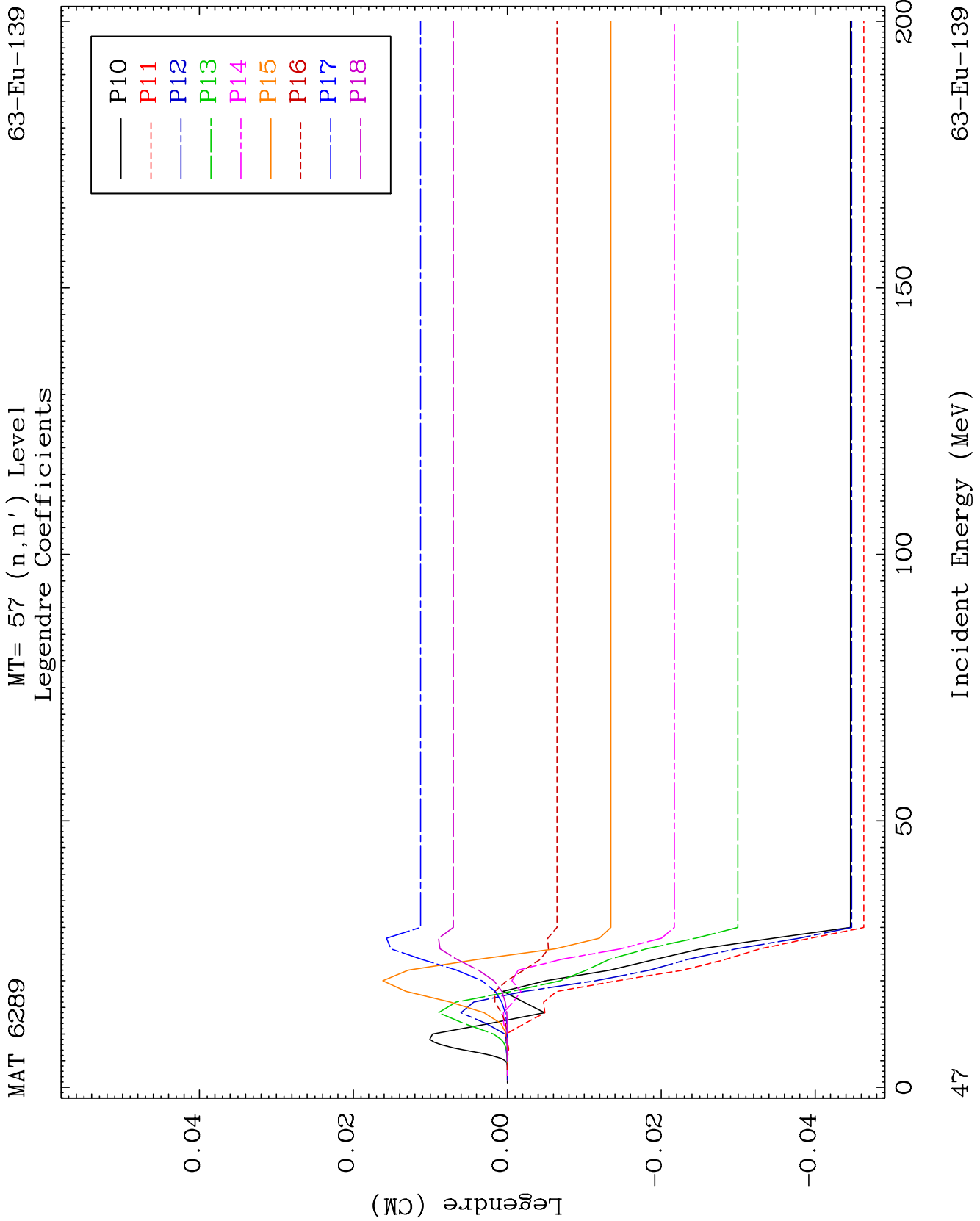


MAT 6289

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

63-Eu-139

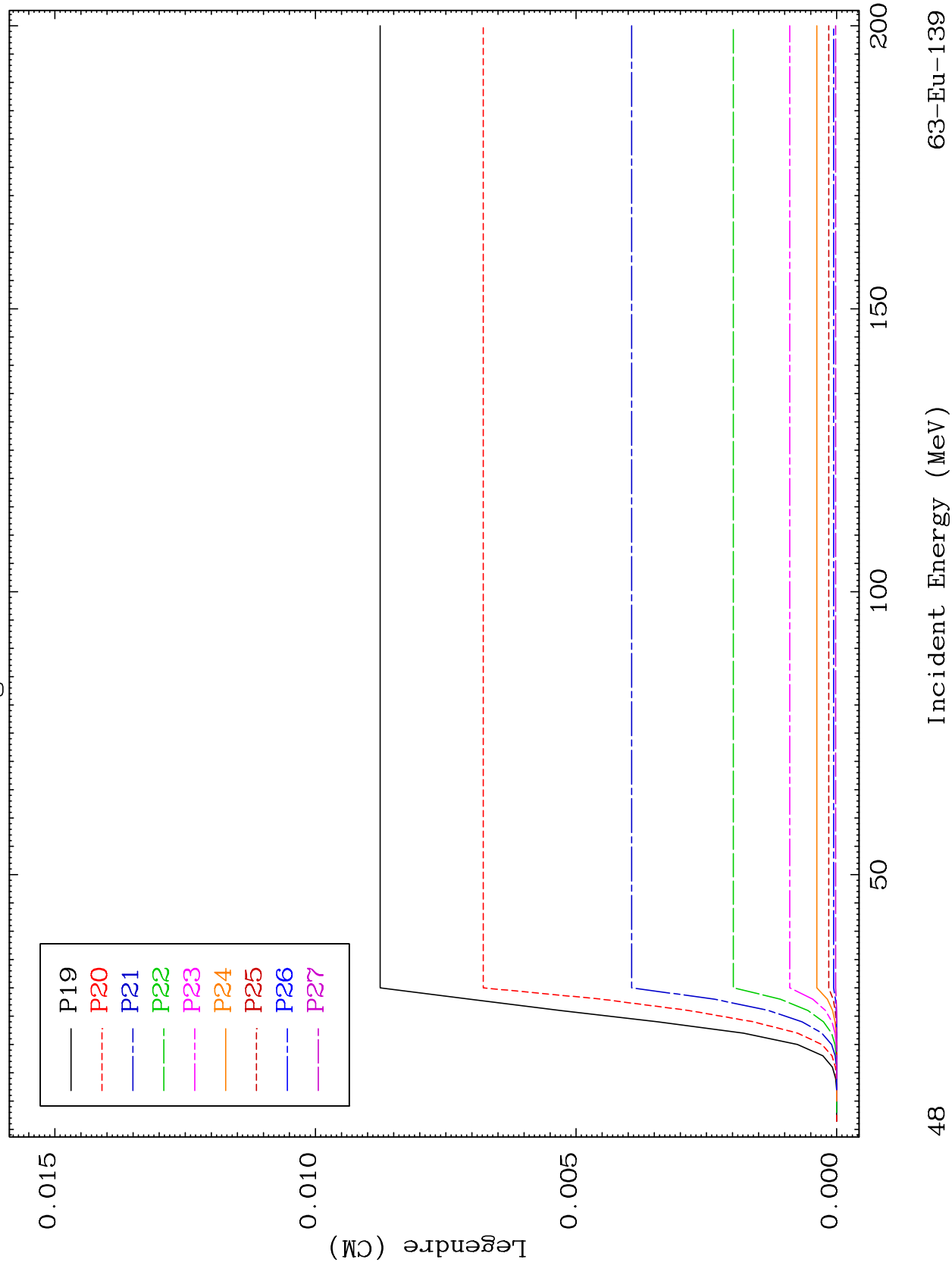


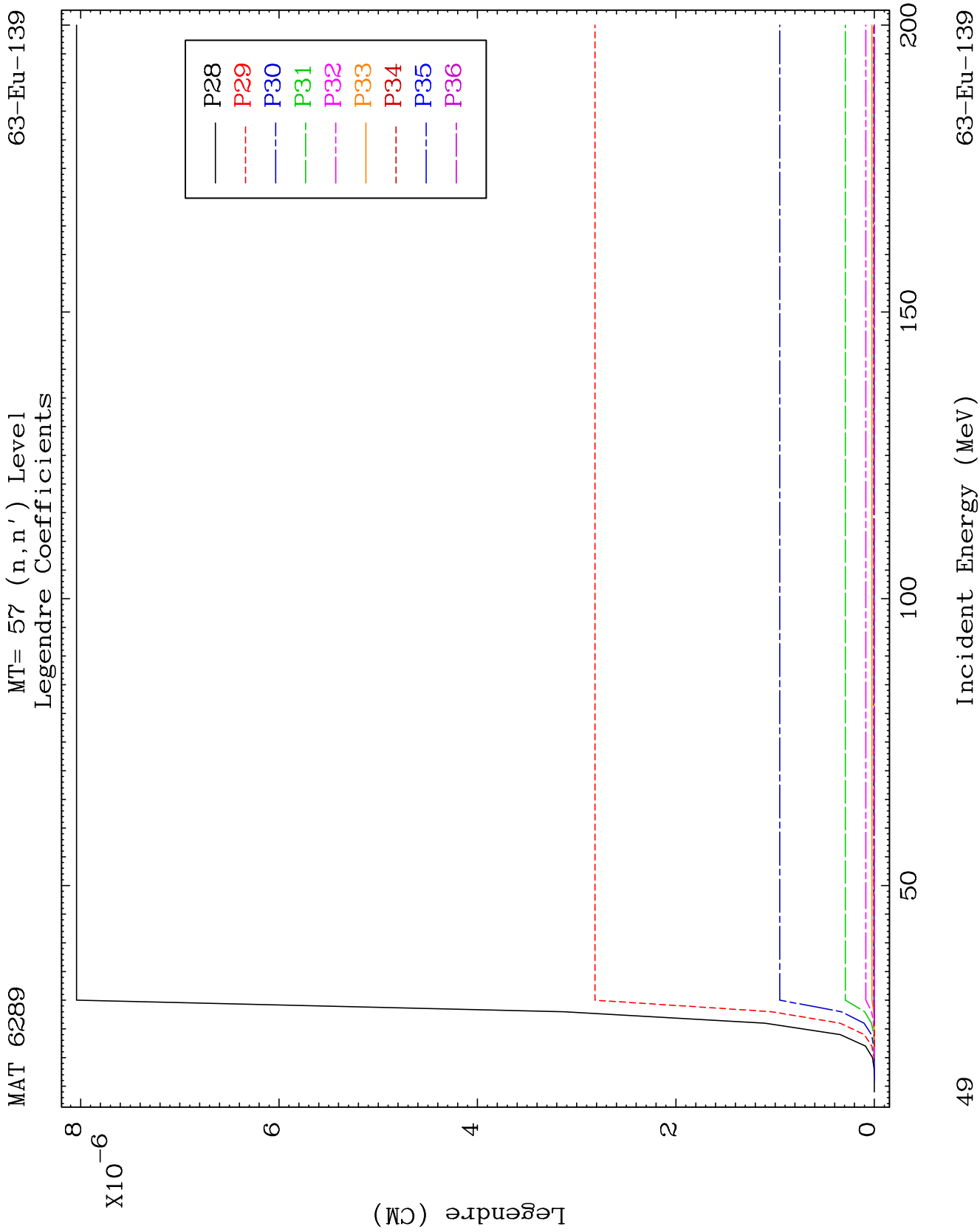


MAT 6289

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

63-Eu-139

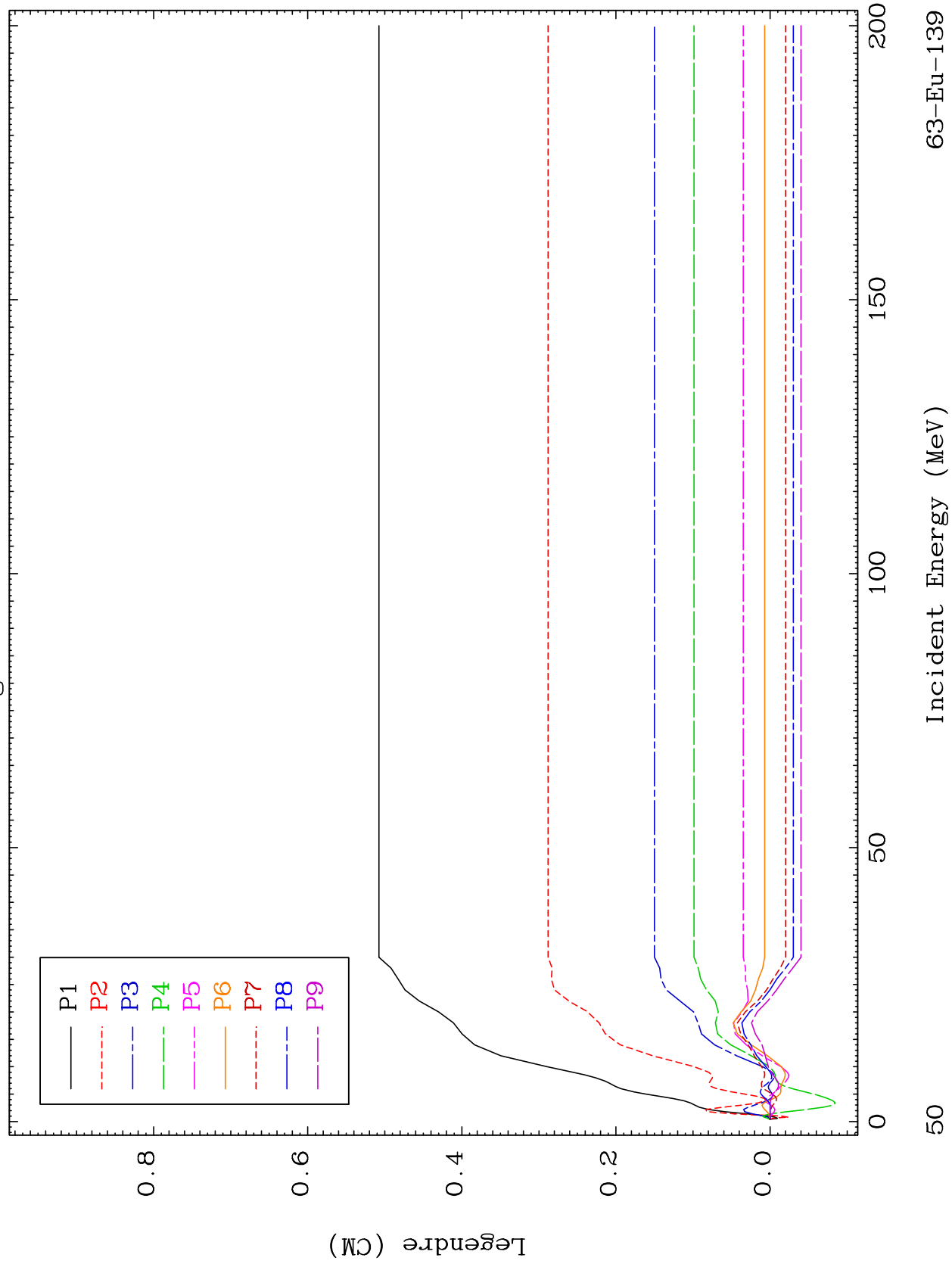


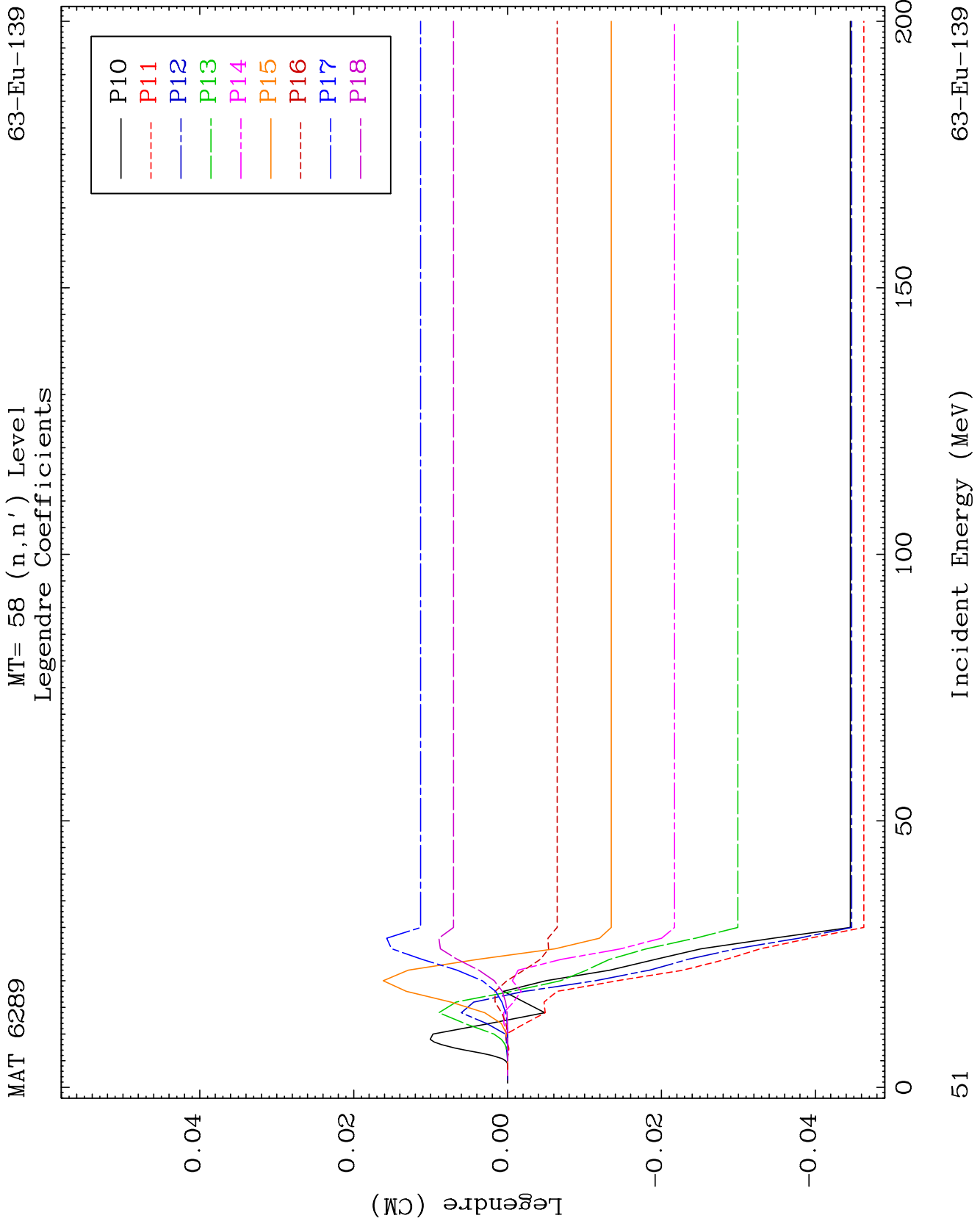


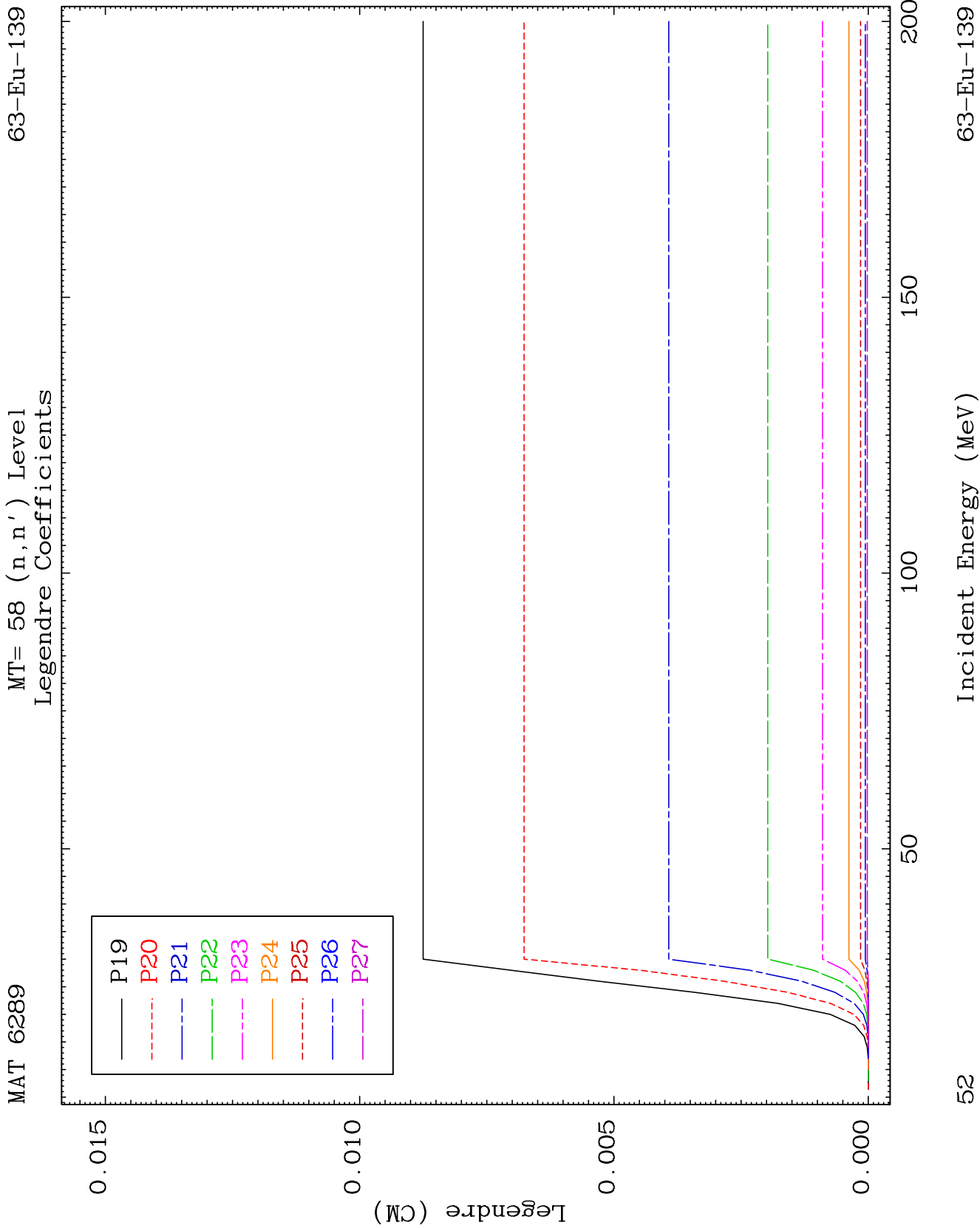
MAT 6289

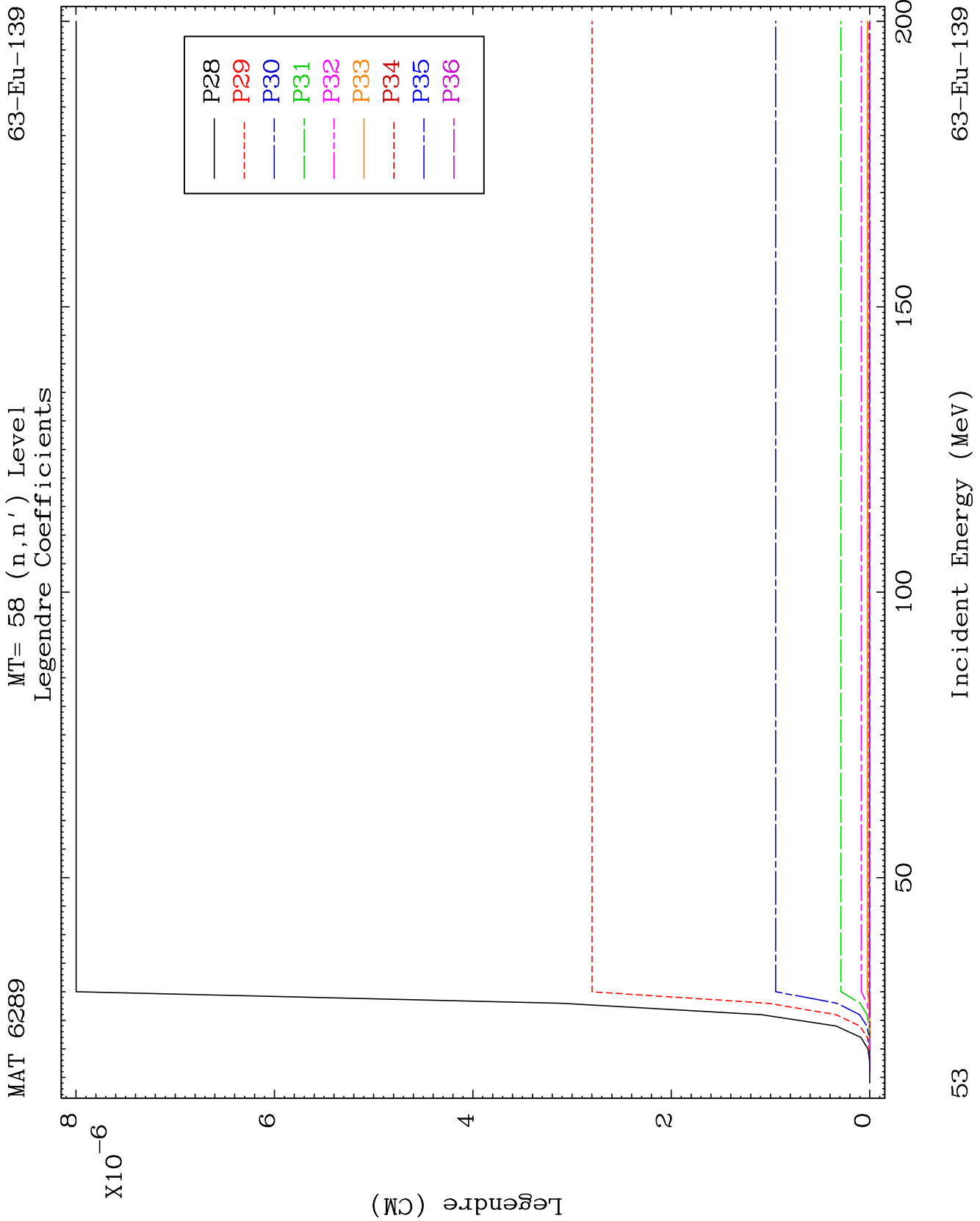
MT= 58 (n, n') Level
Legendre Coefficients

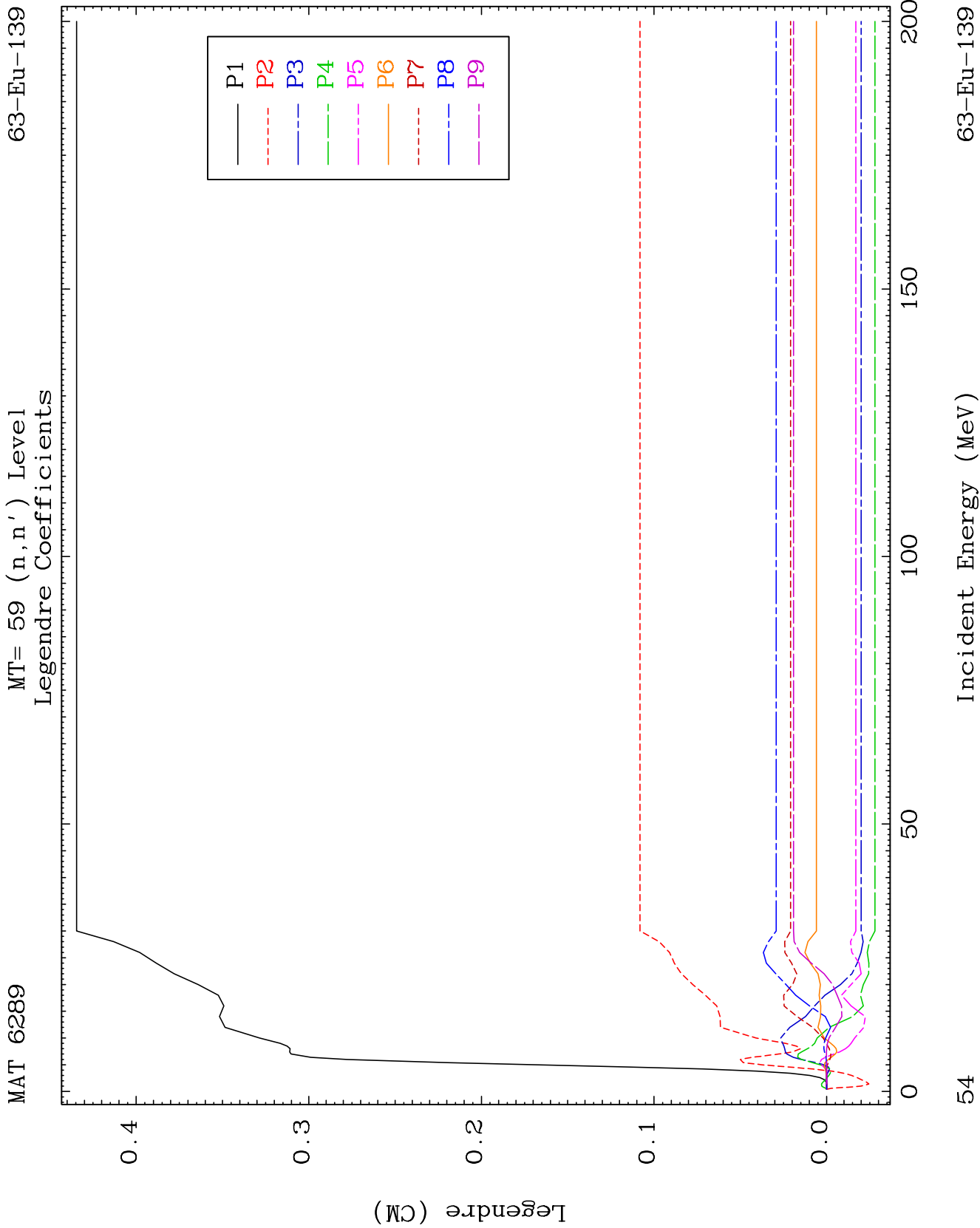
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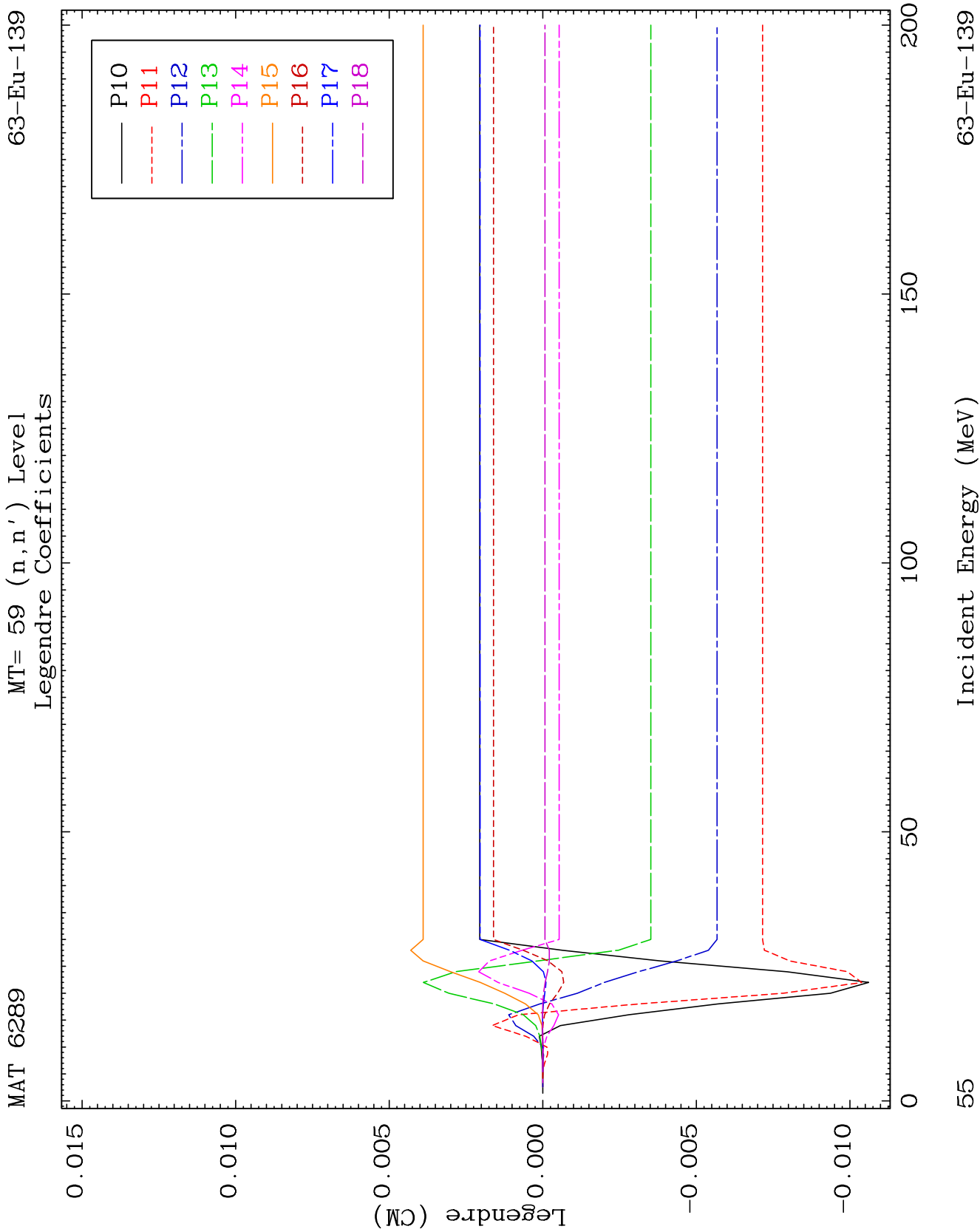


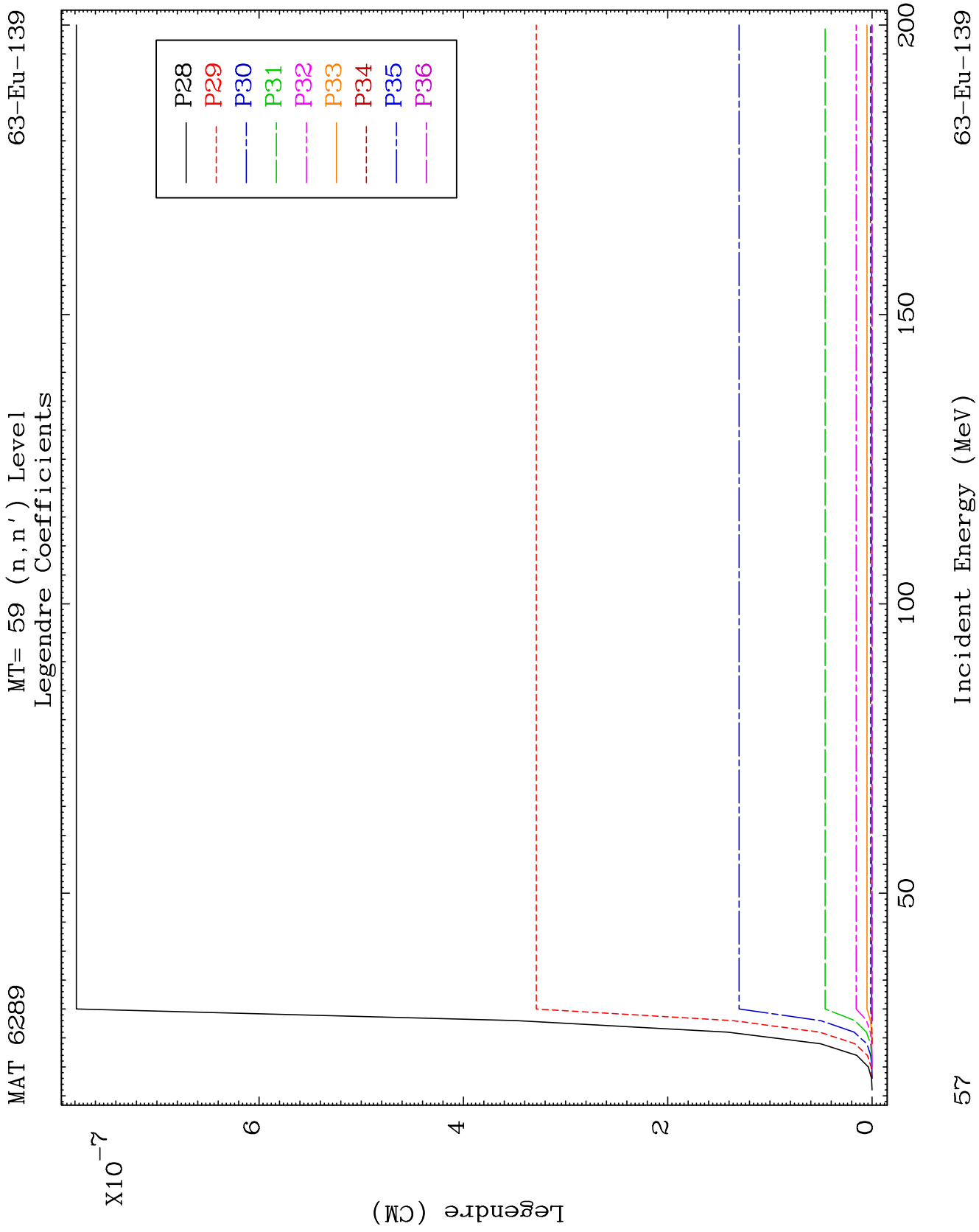


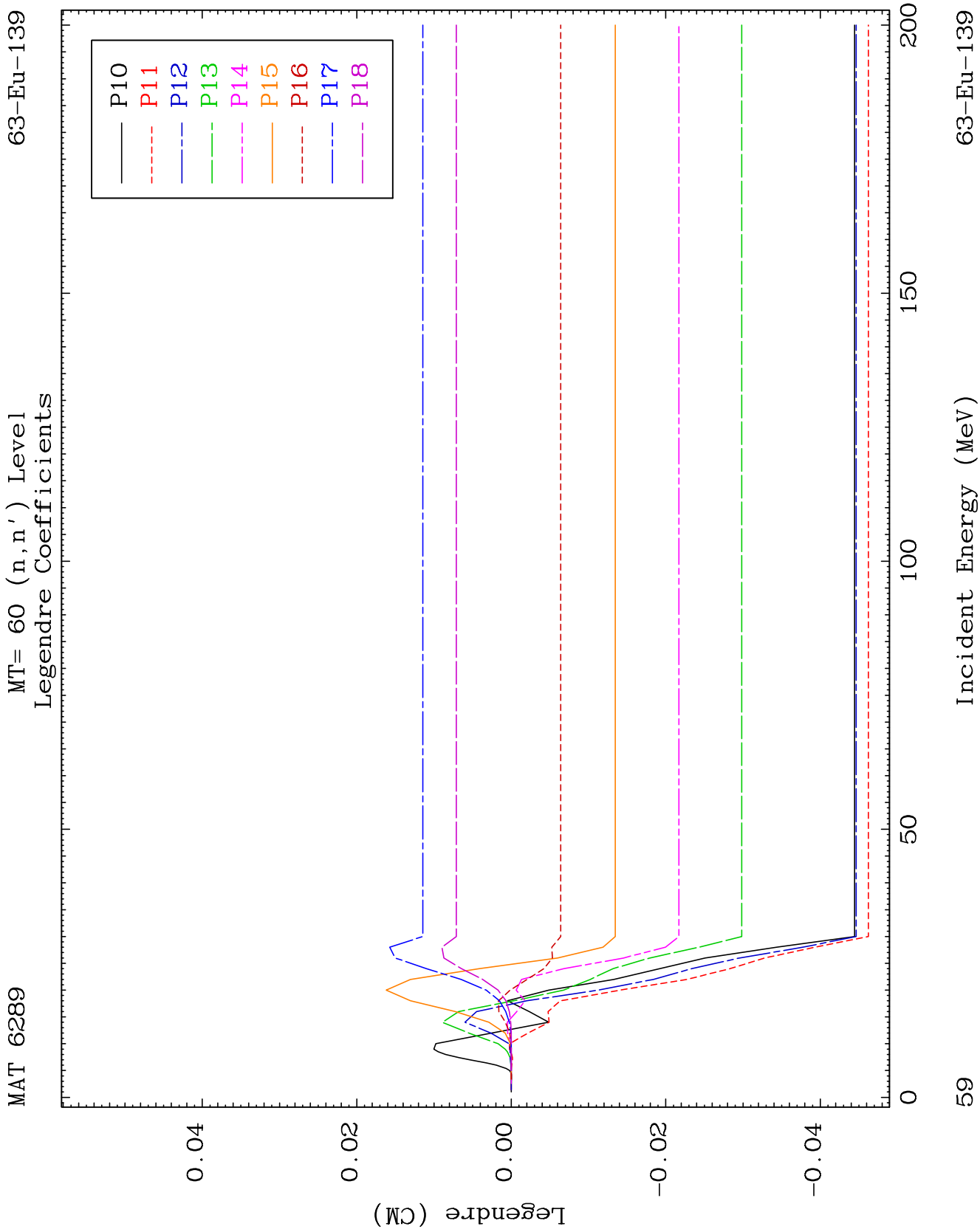


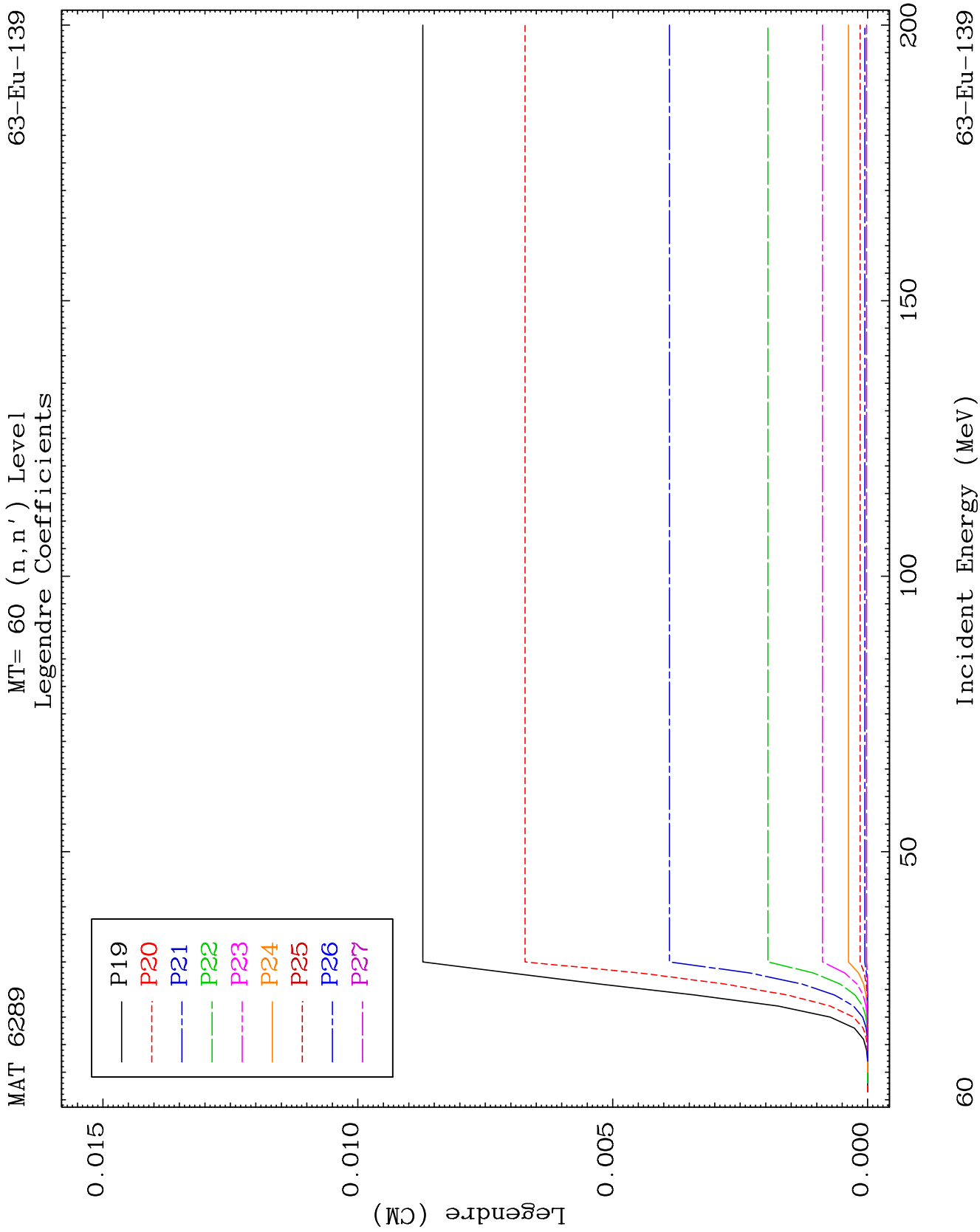


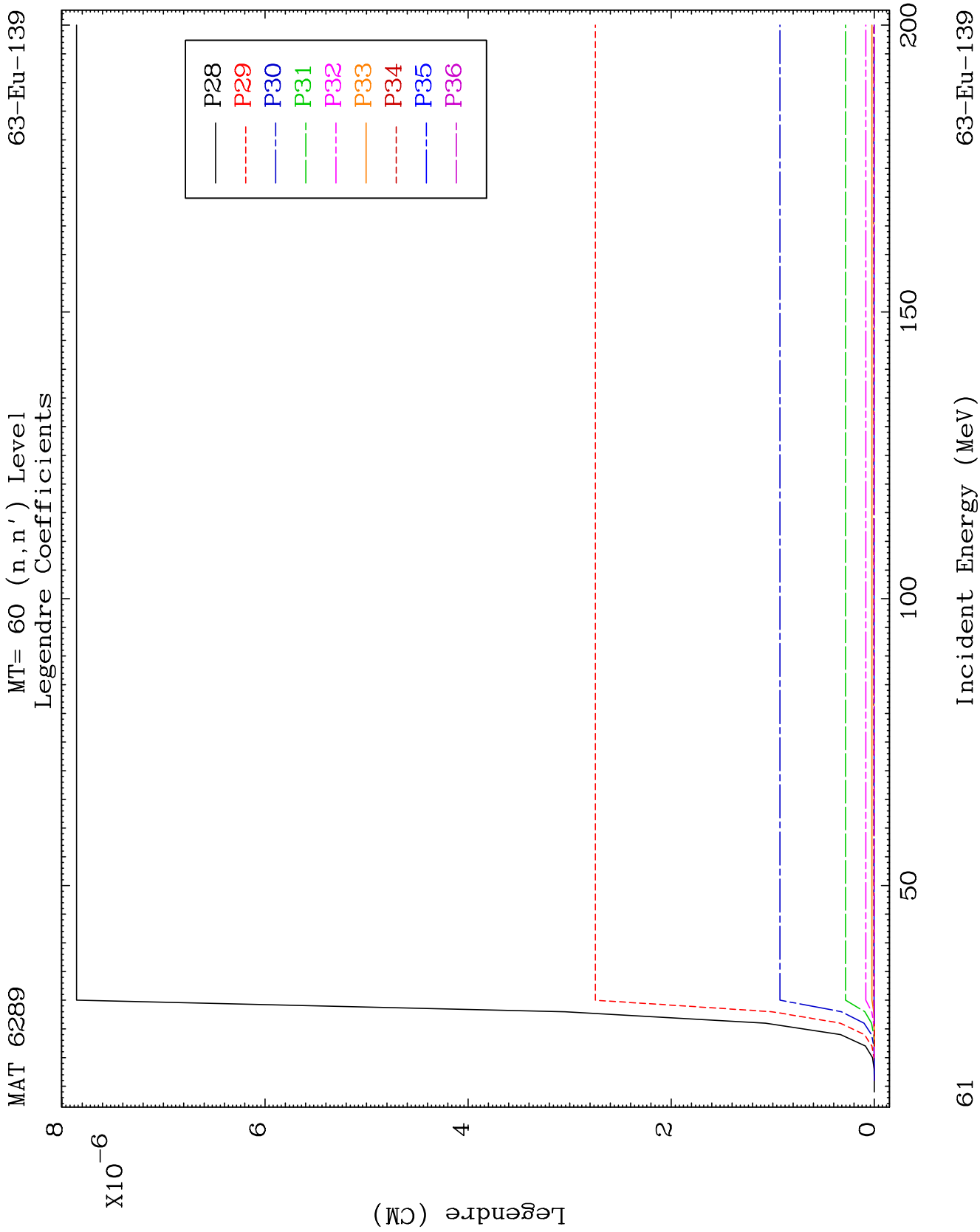








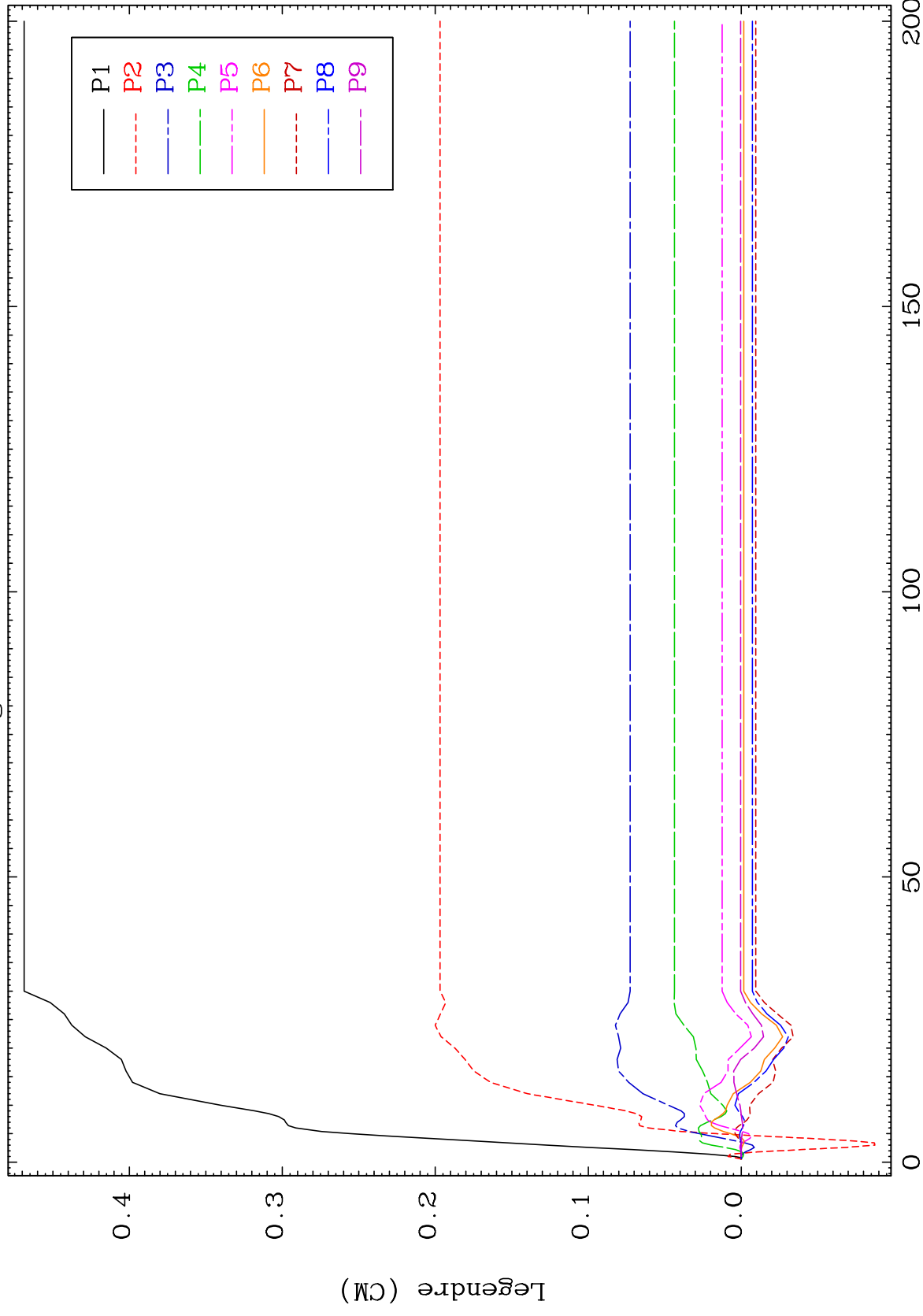




MAT 6289

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

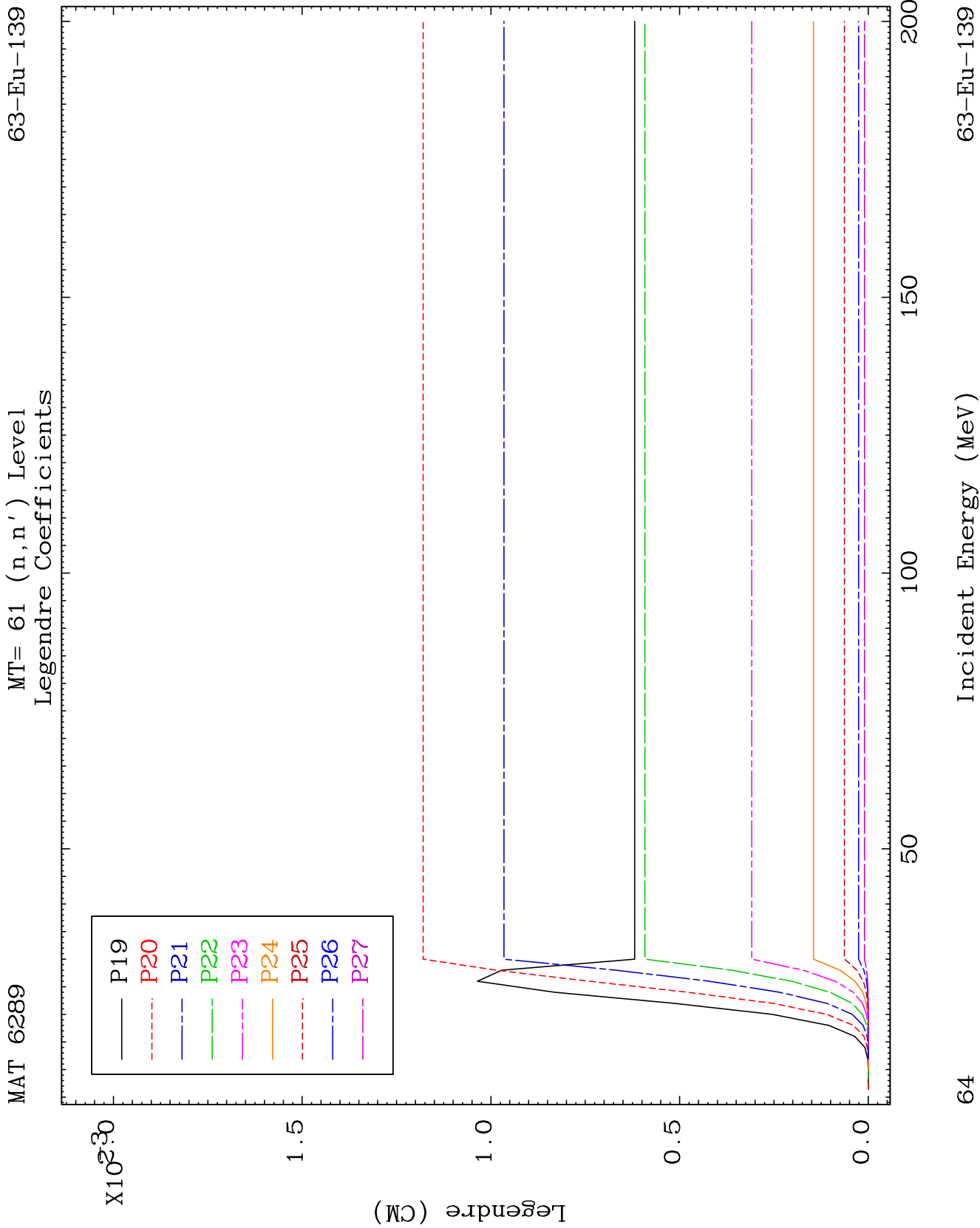
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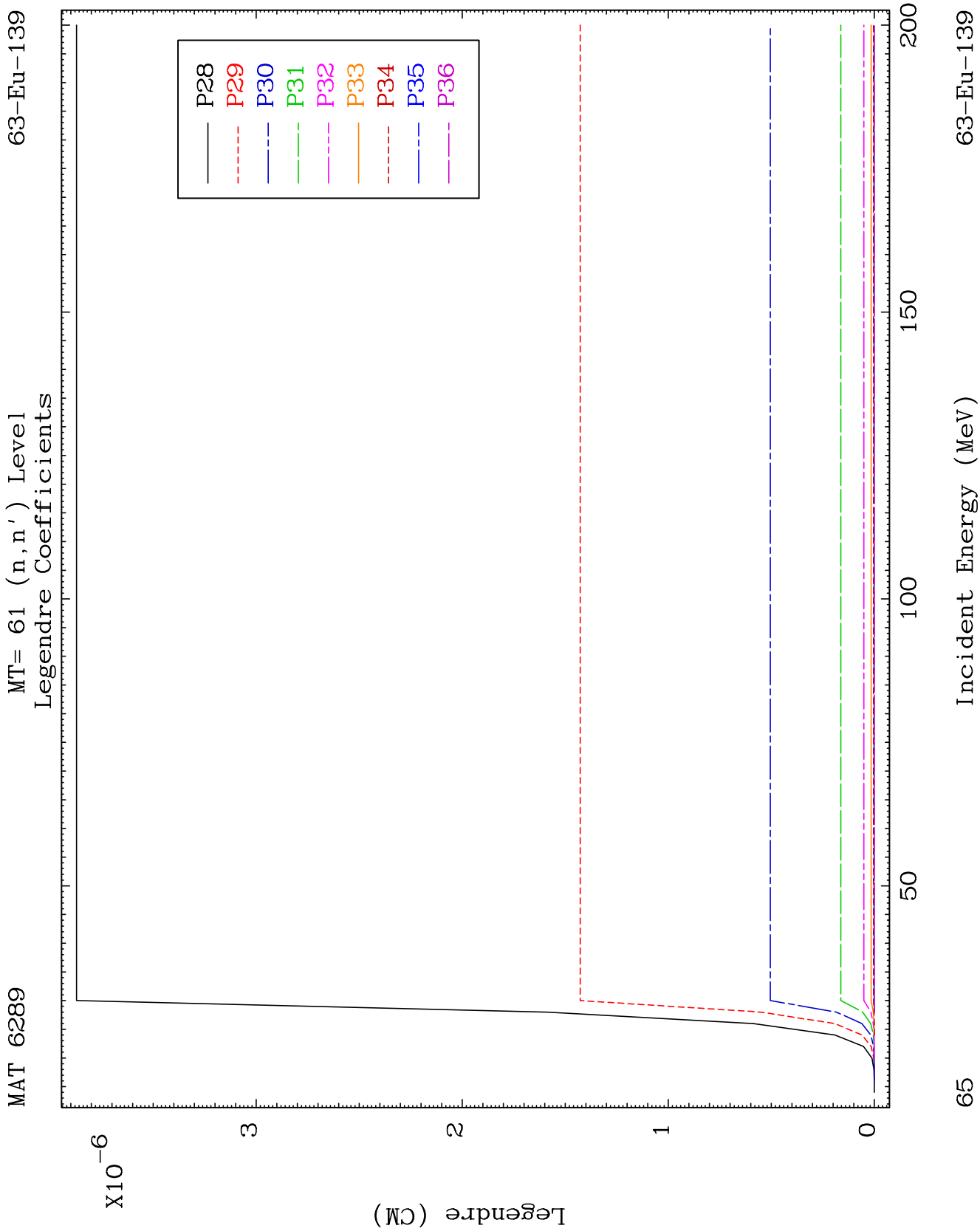


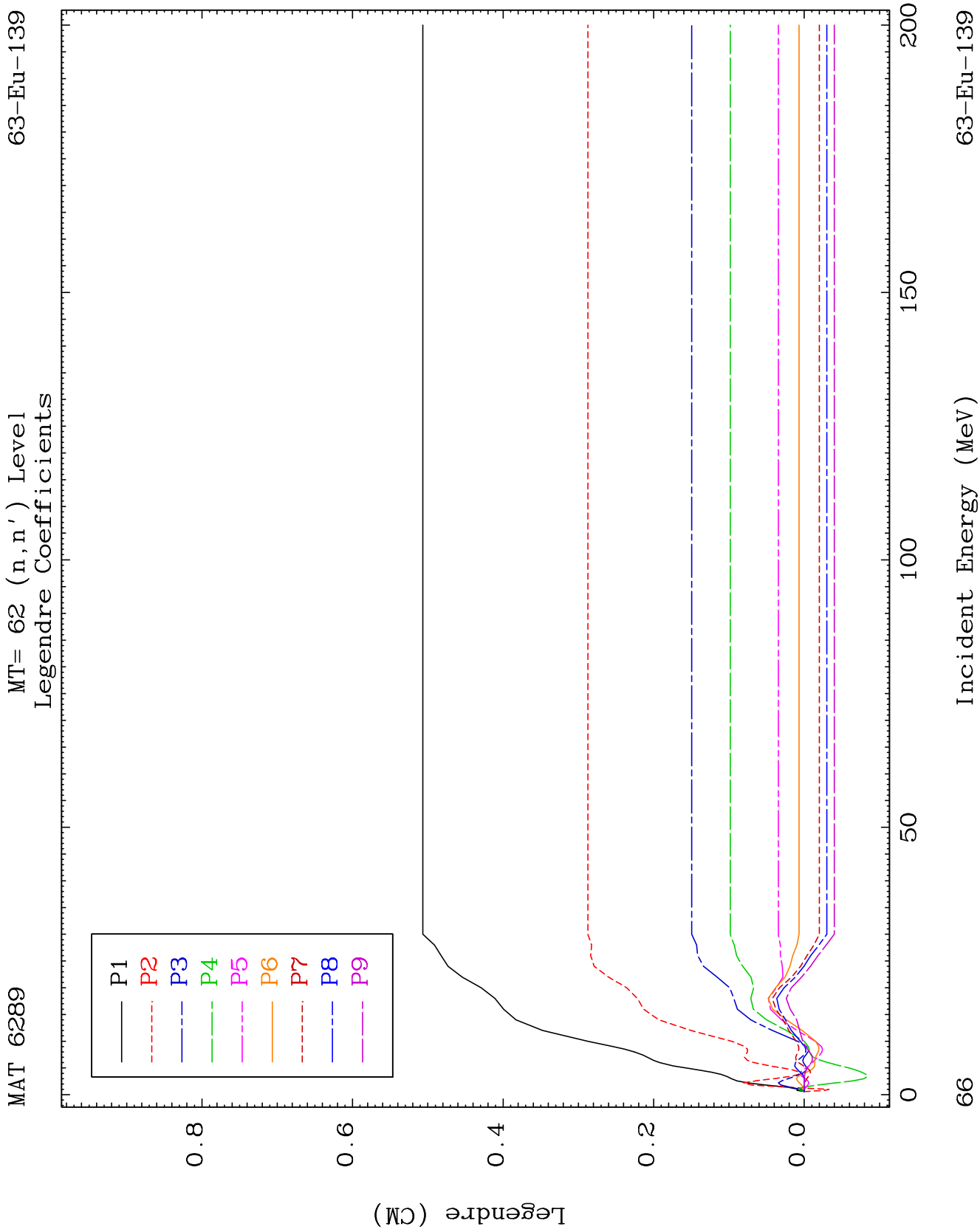
26

Incident Energy (MeV)

63-Eu-139



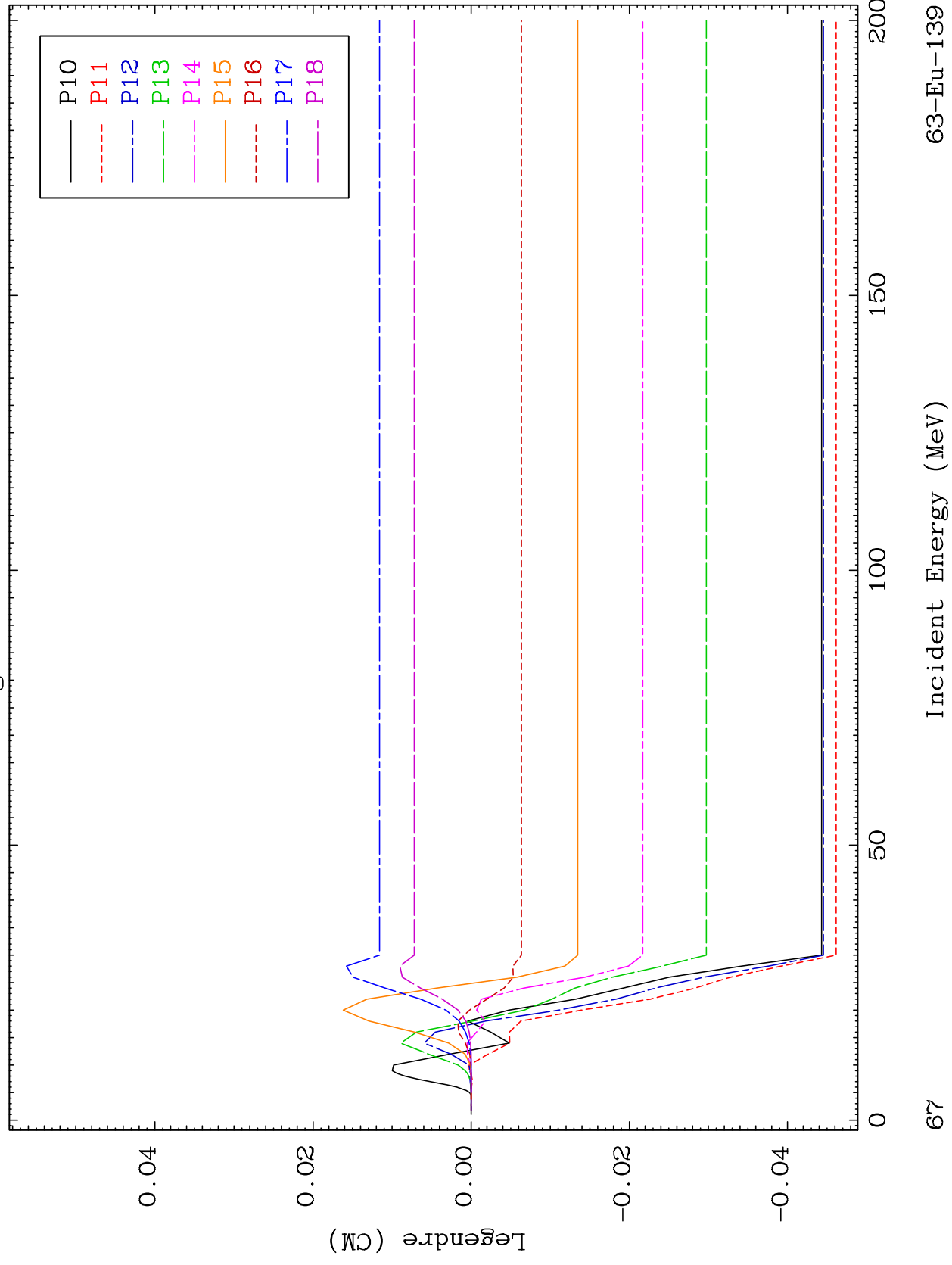




MAT 6289

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

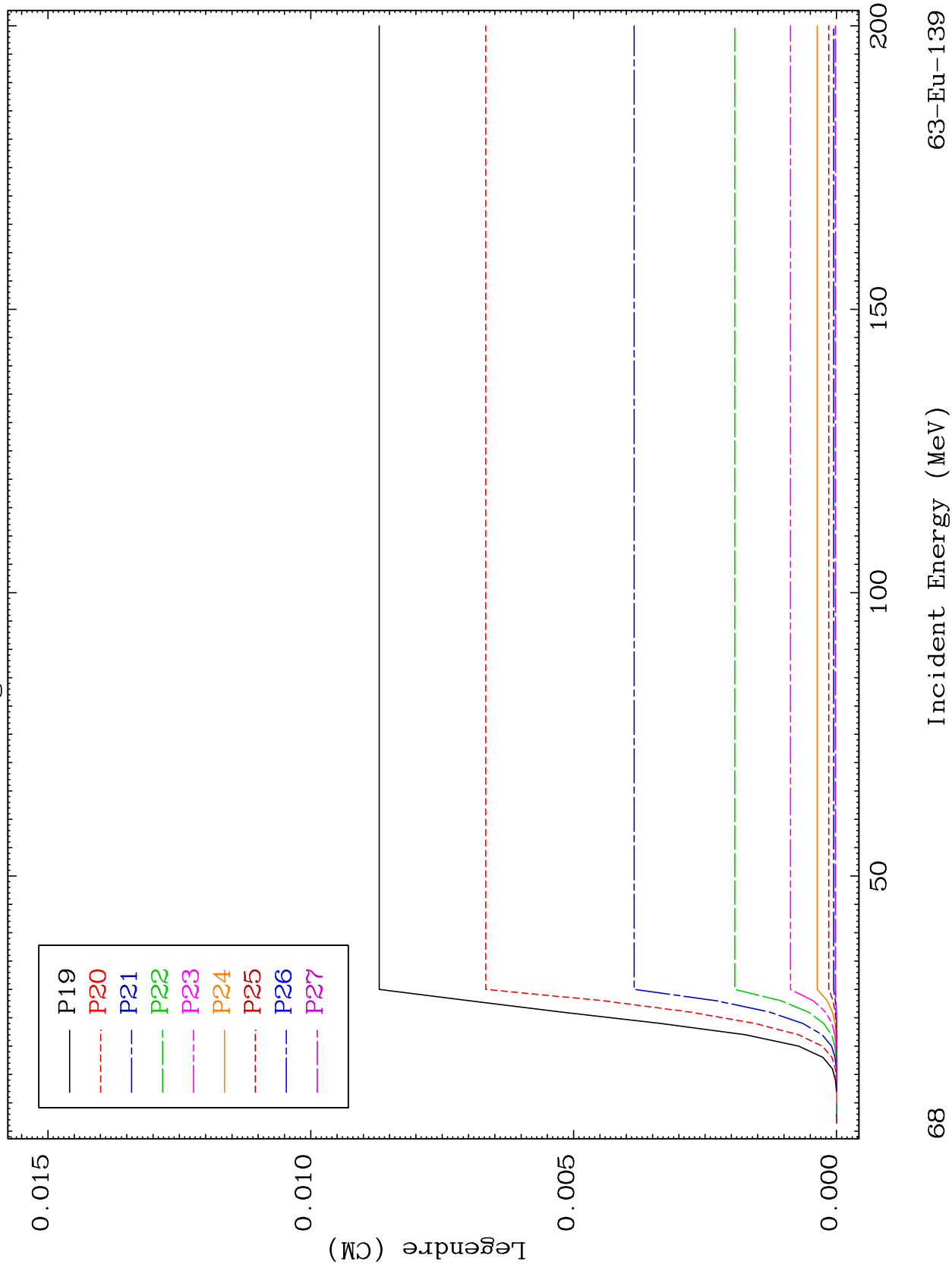
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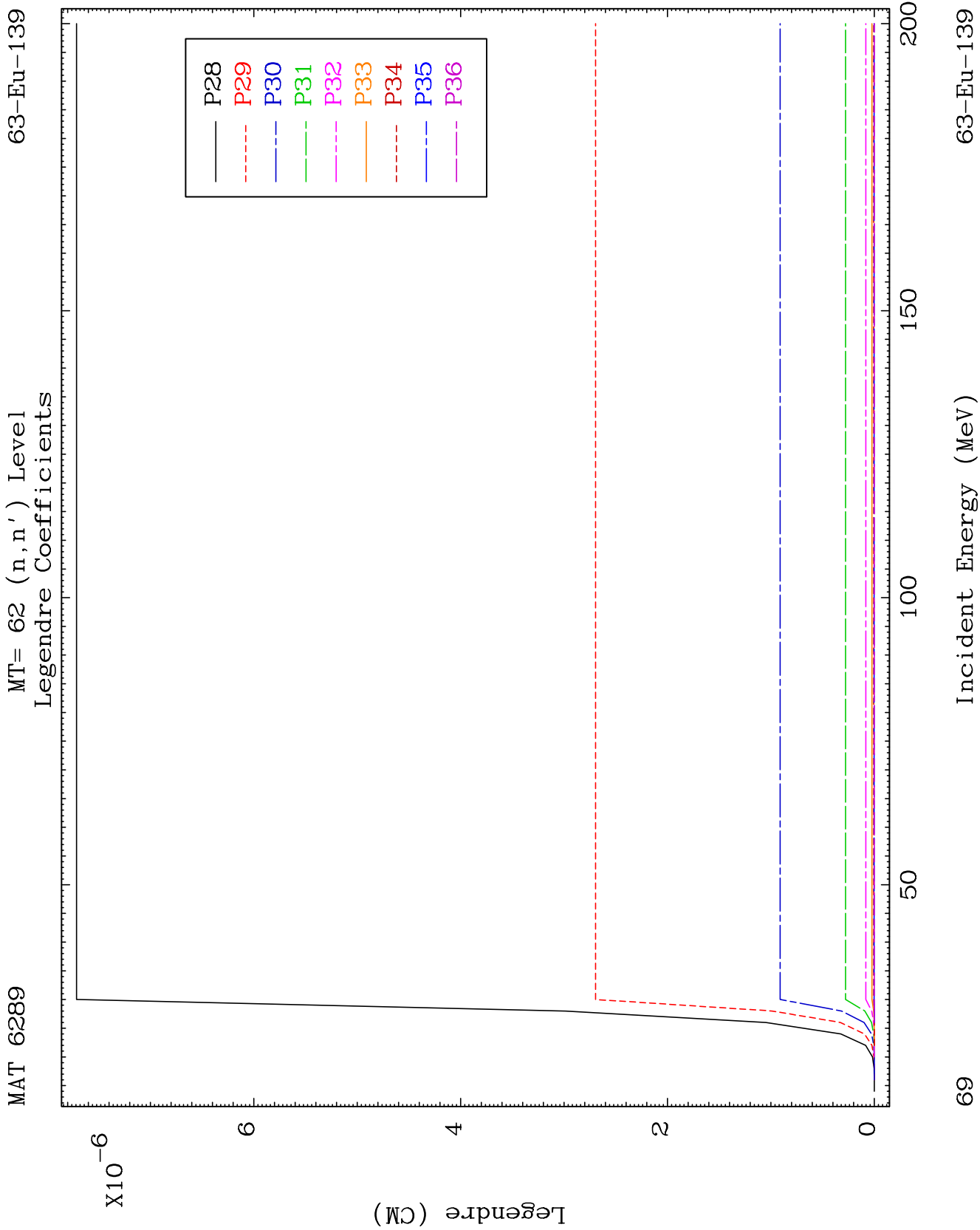


MAT 6289

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

63-Eu-139

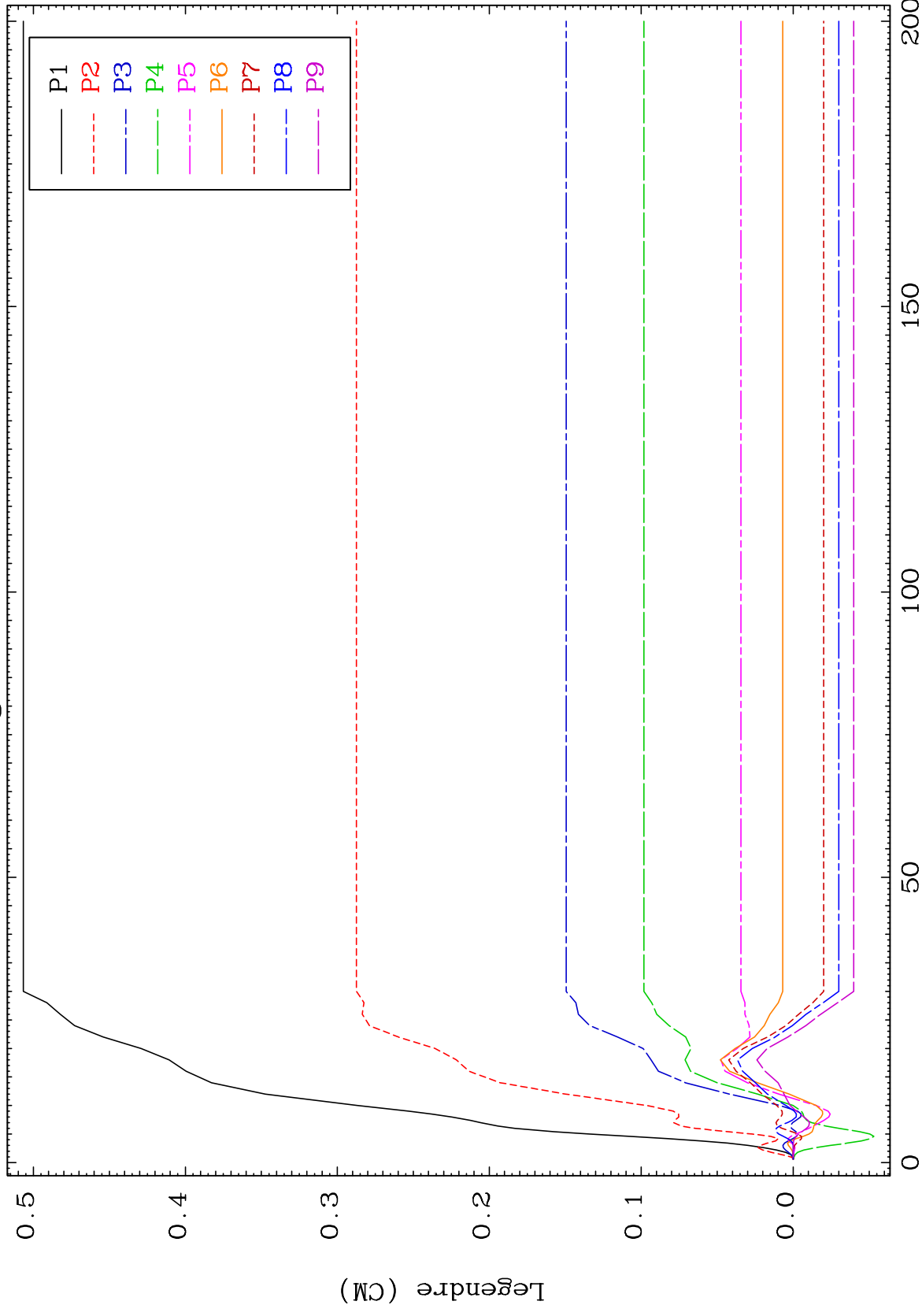




MAT 6289

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

63-Eu-139



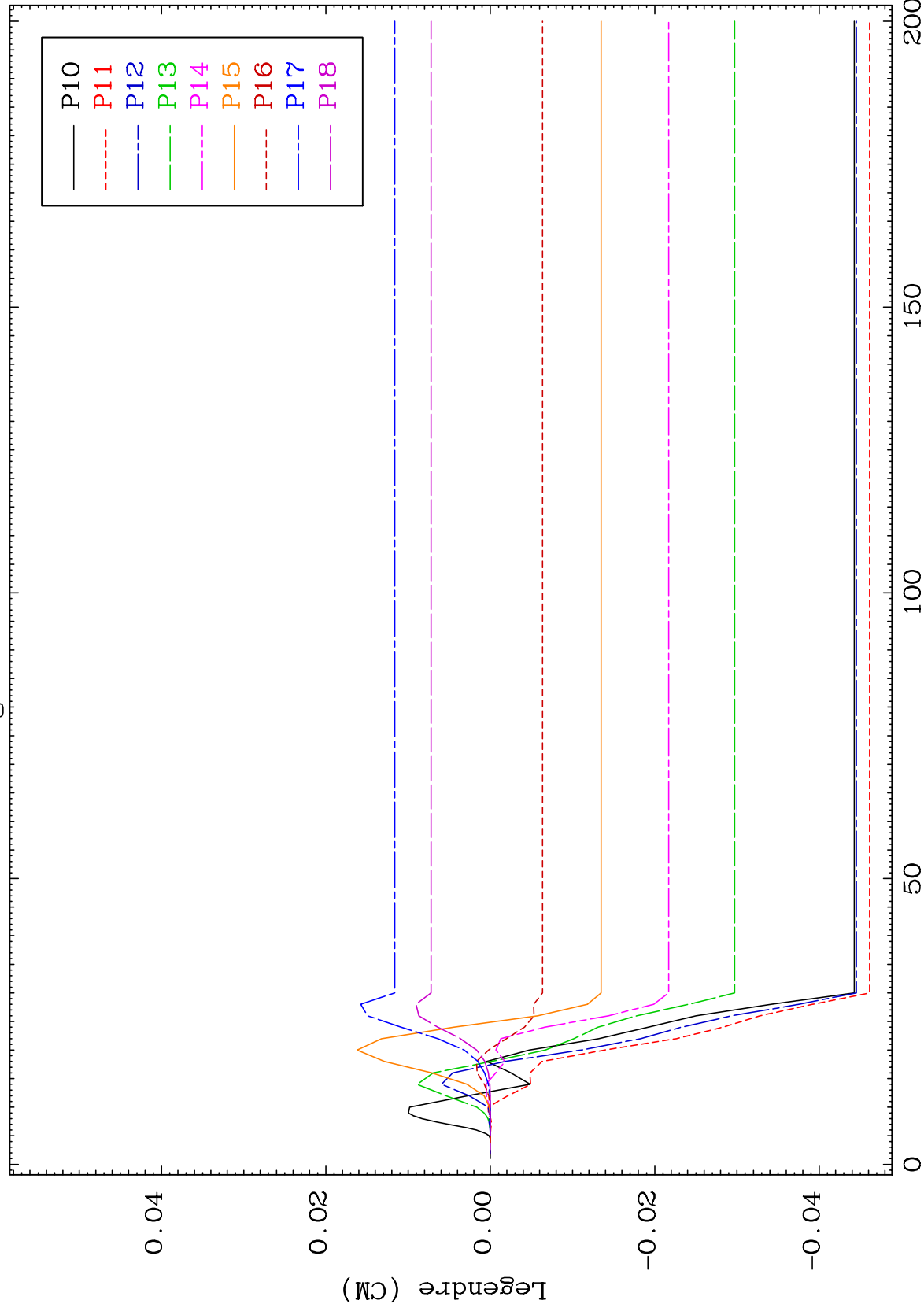
63-Eu-139

Incident Energy (MeV)

MAT 6289

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

63-Eu-139



12

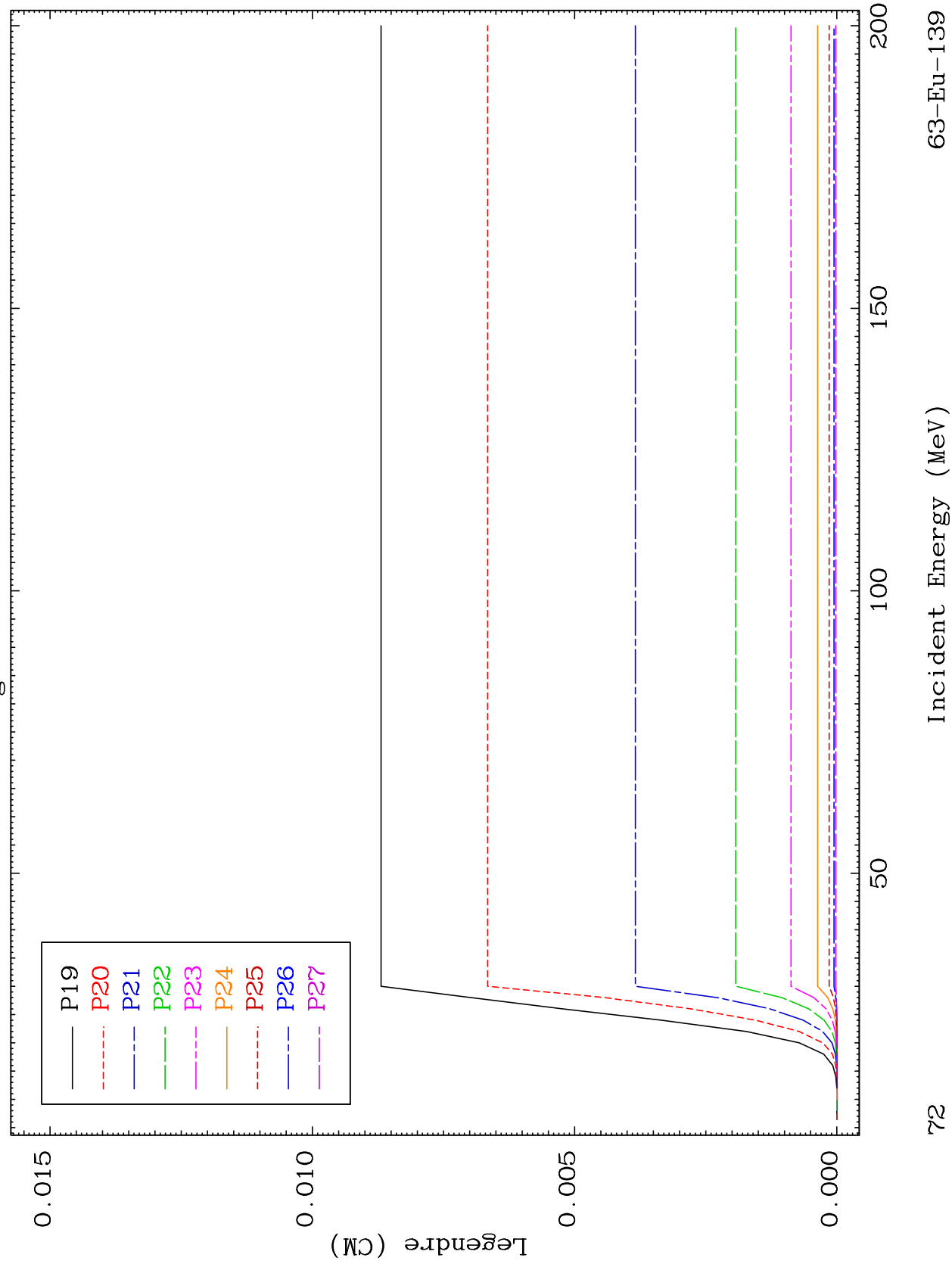
Incident Energy (MeV)

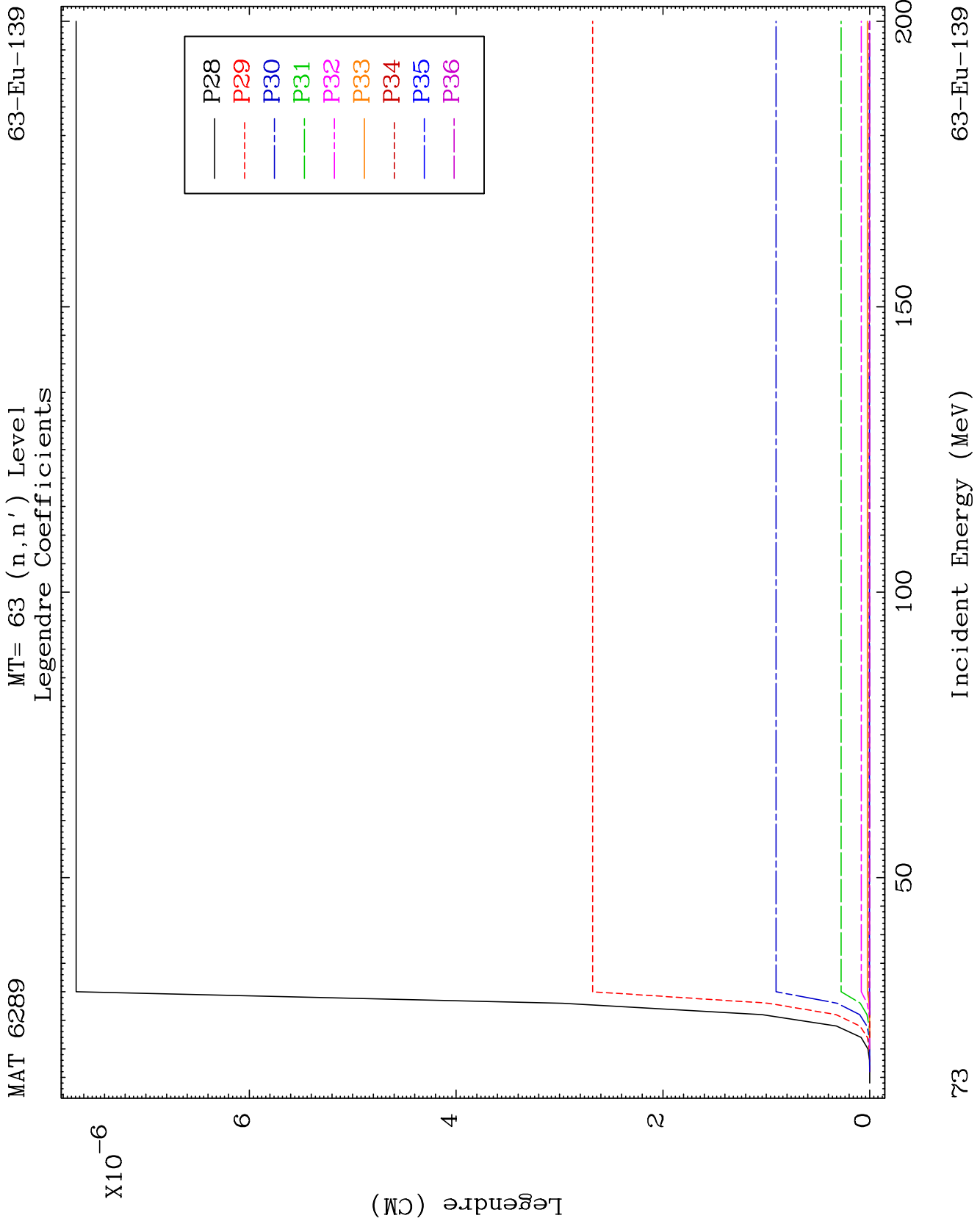
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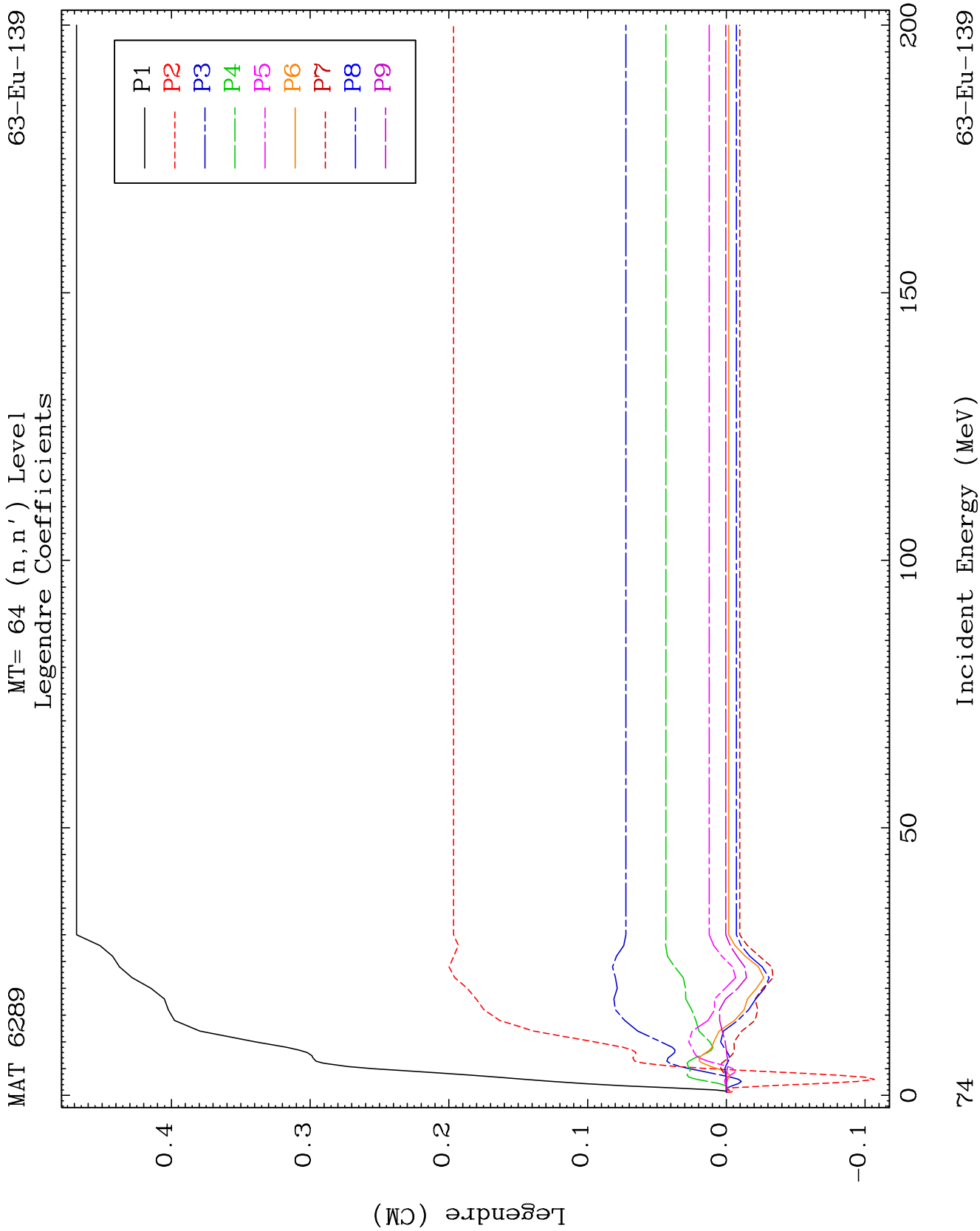
MAT 6289

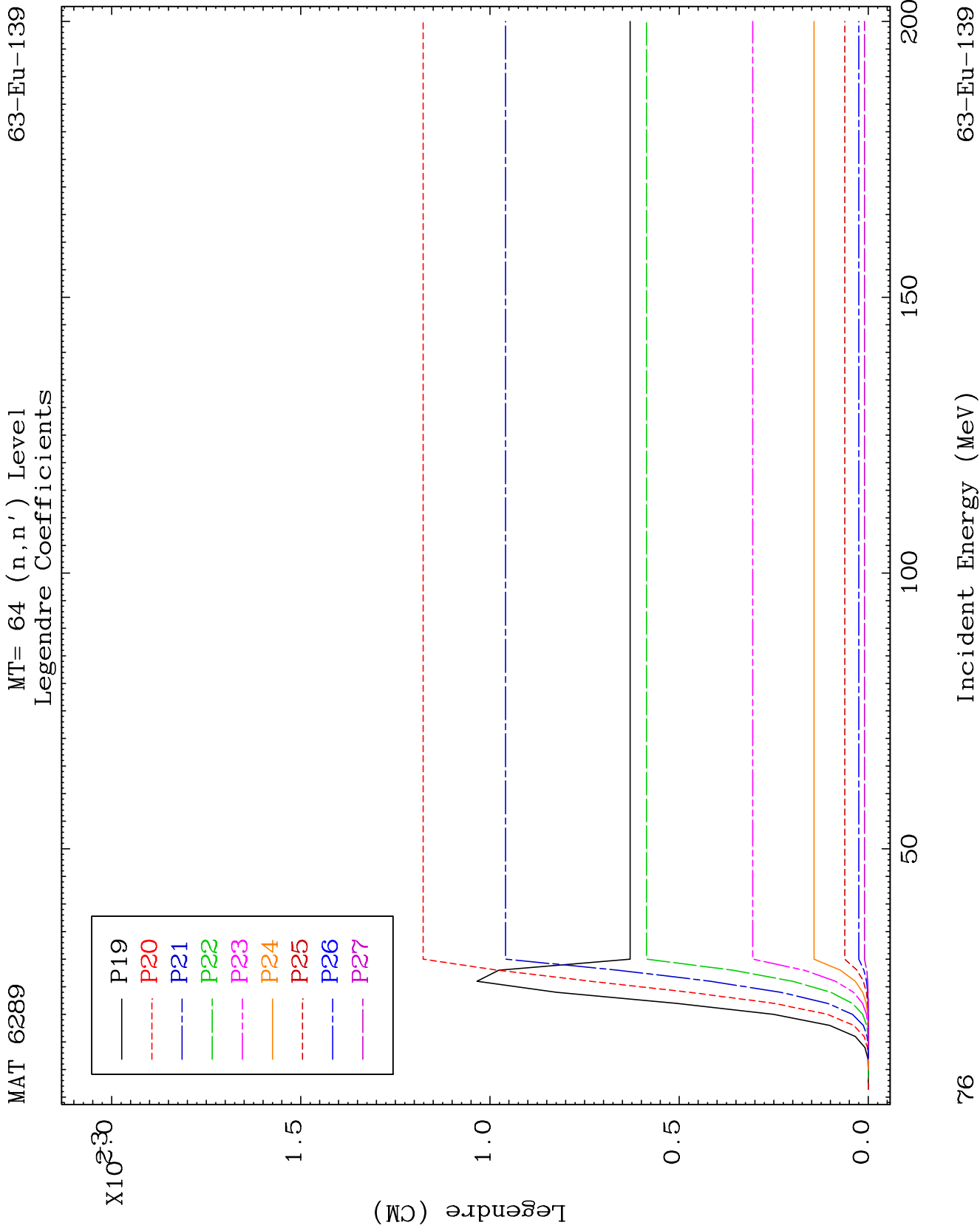
MT= 63 (n, n') Level
Legendre Coefficients

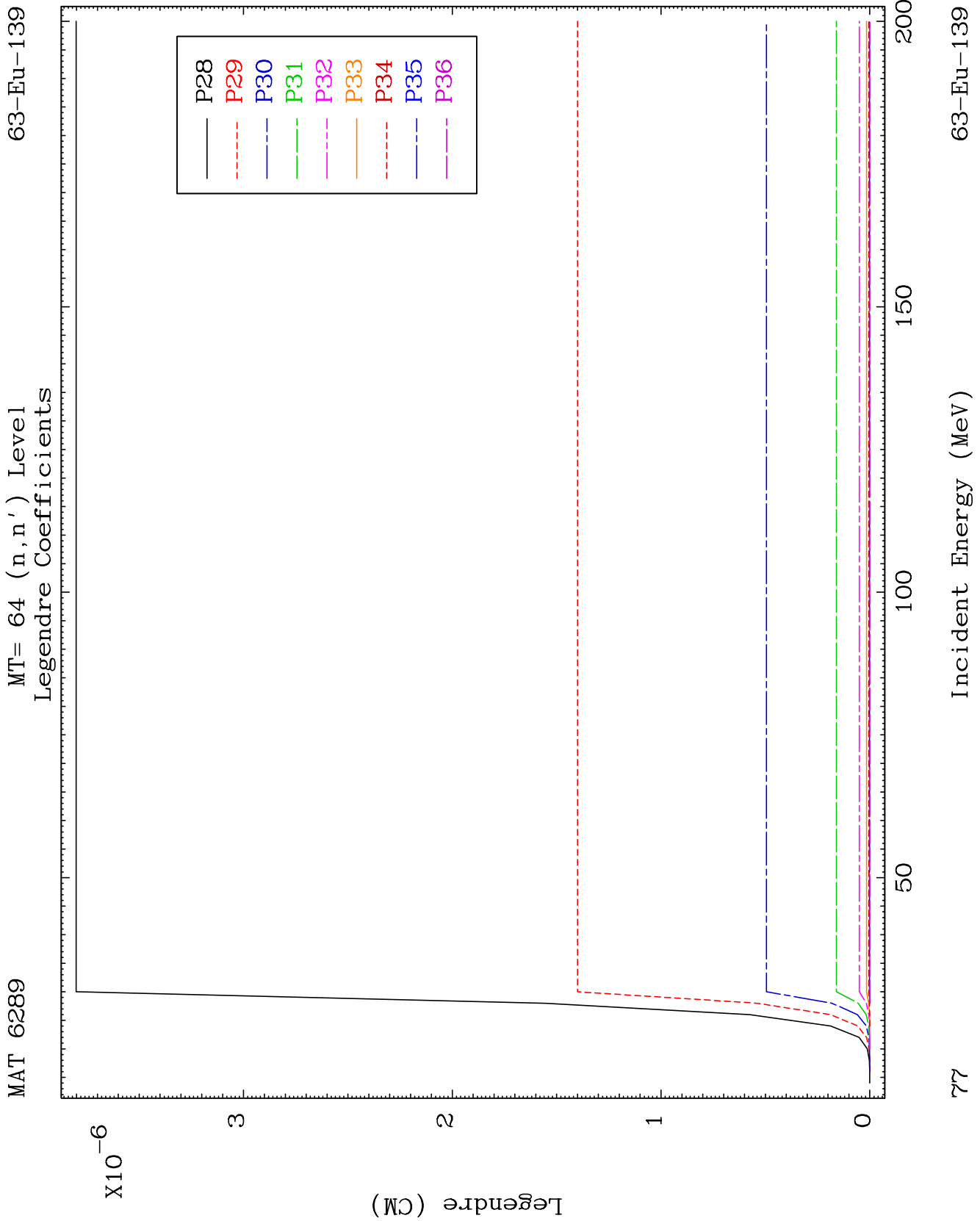
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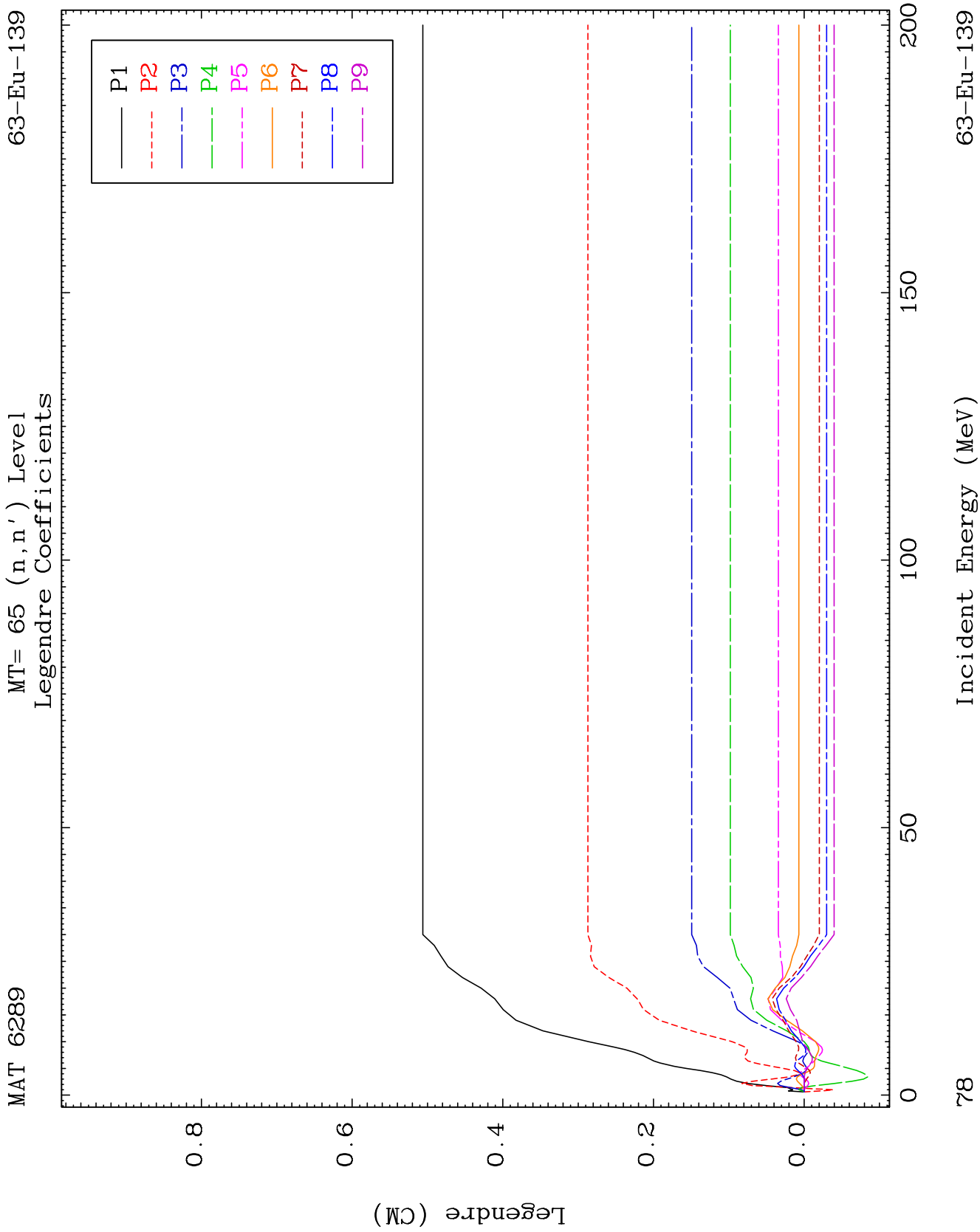


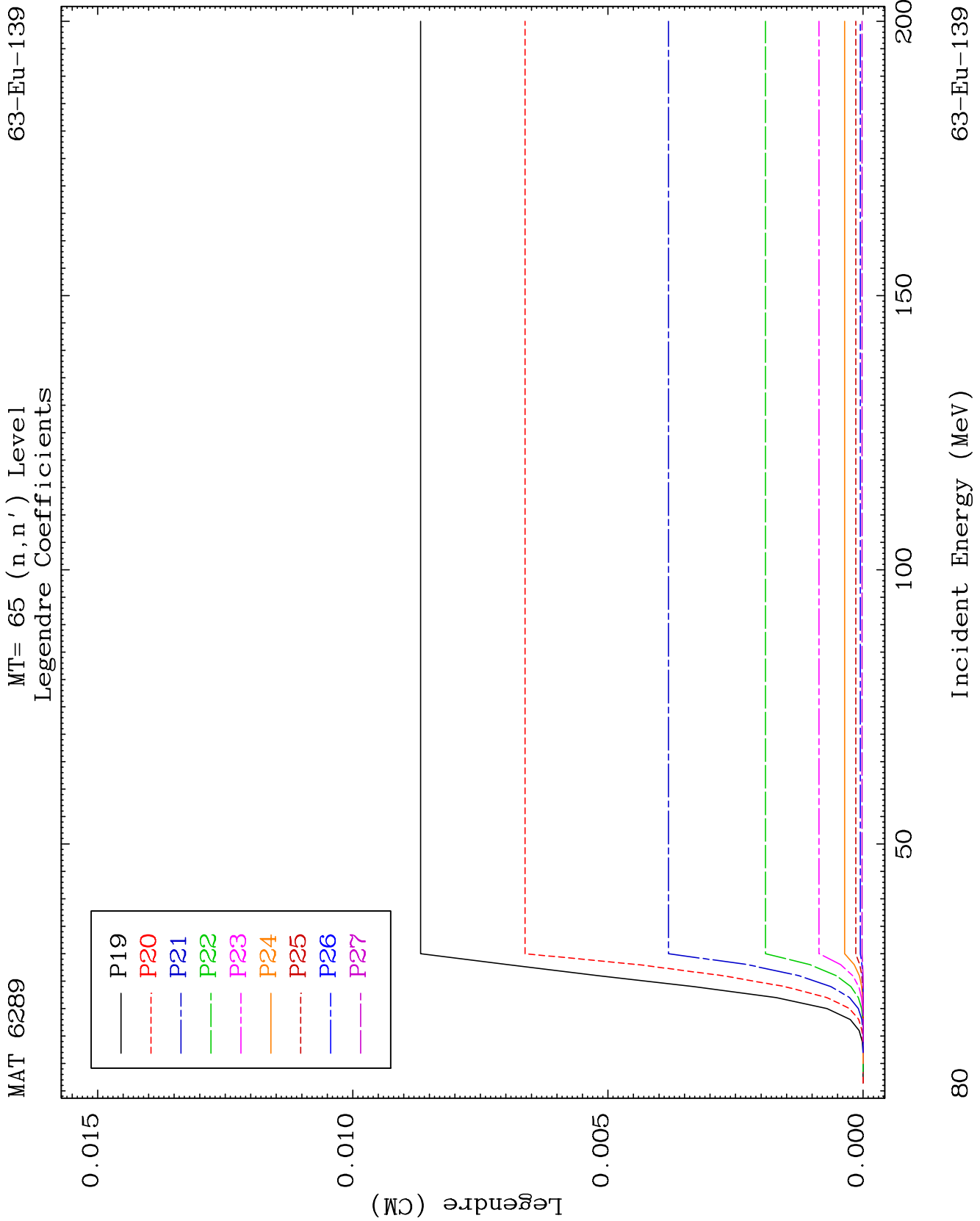


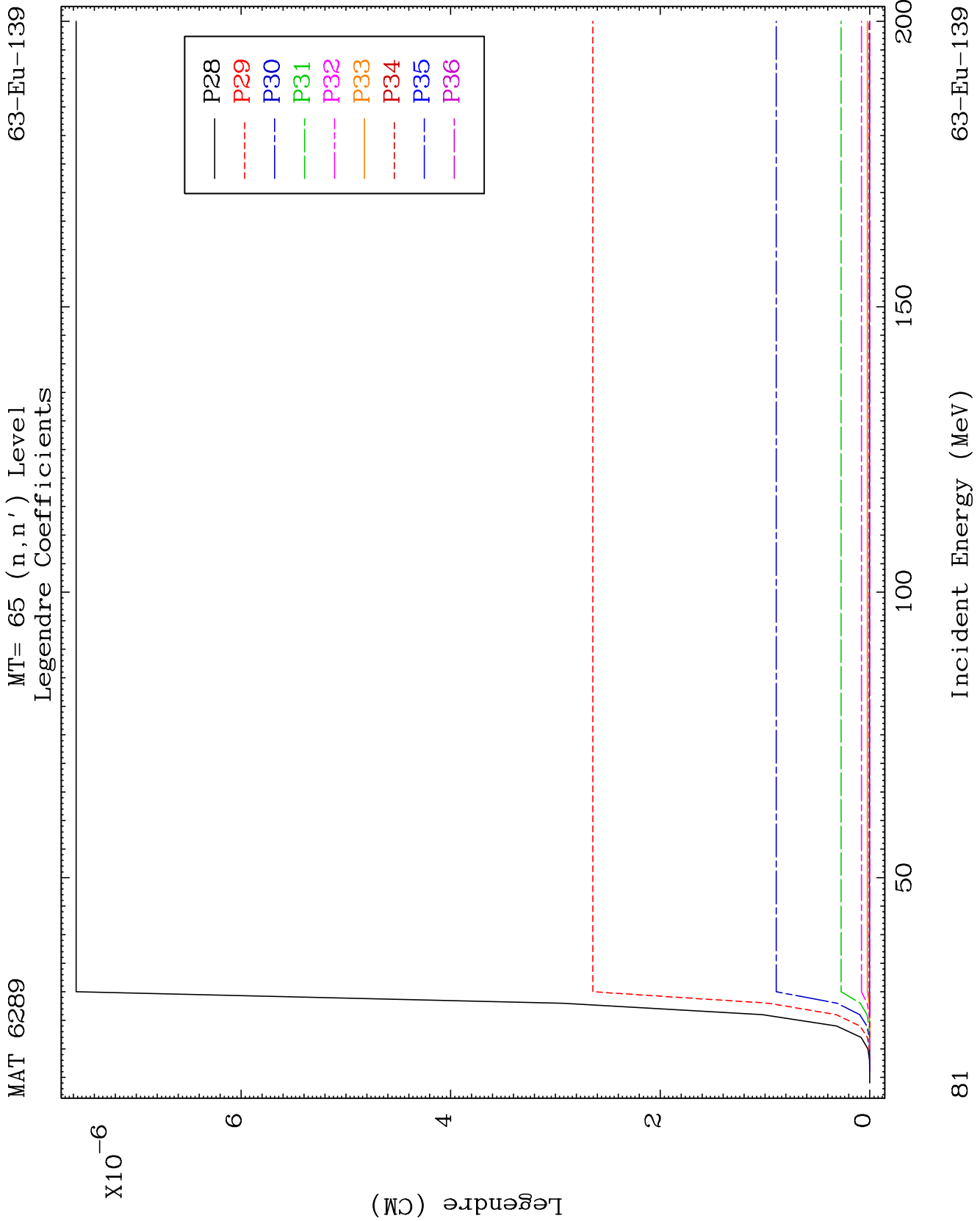


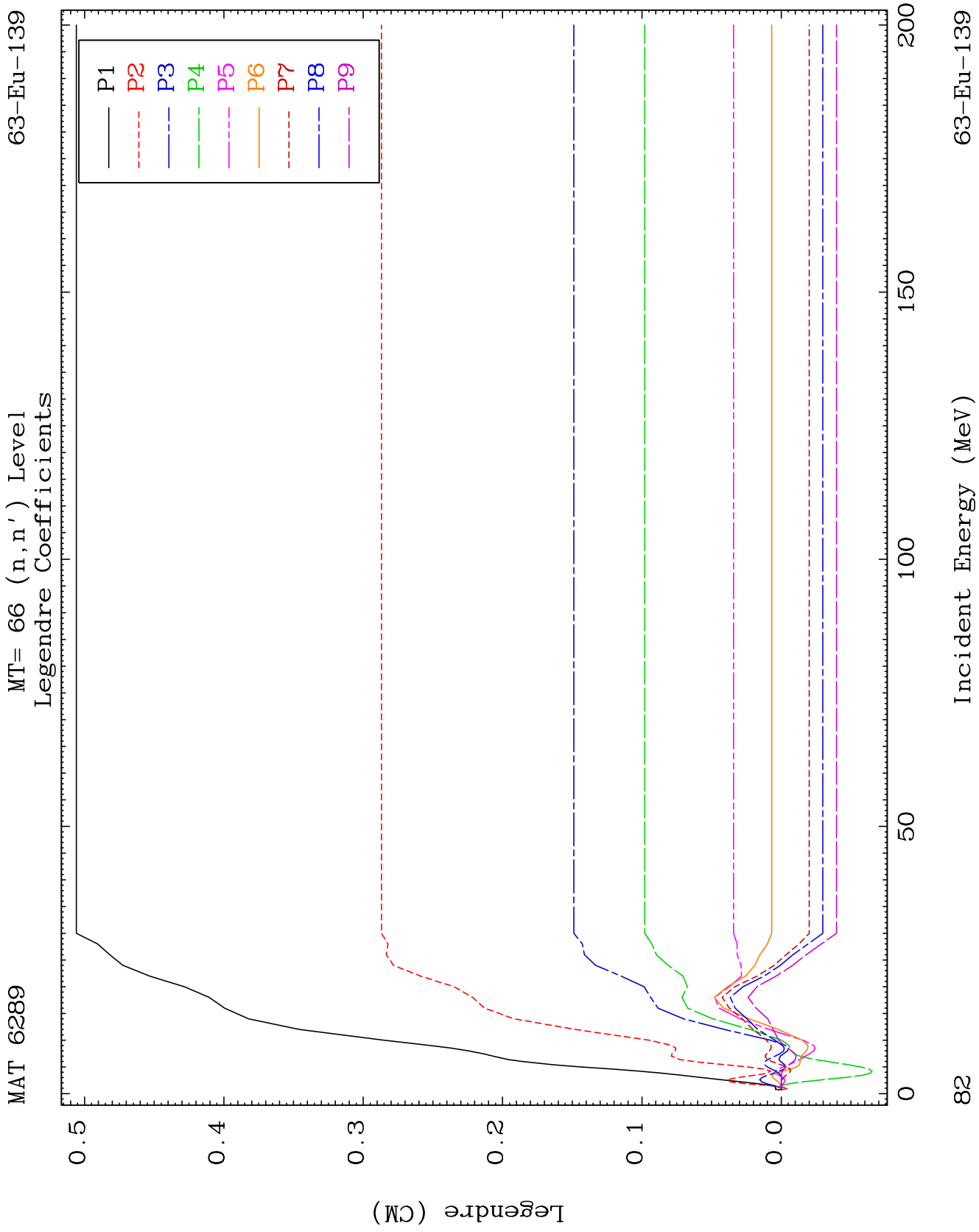


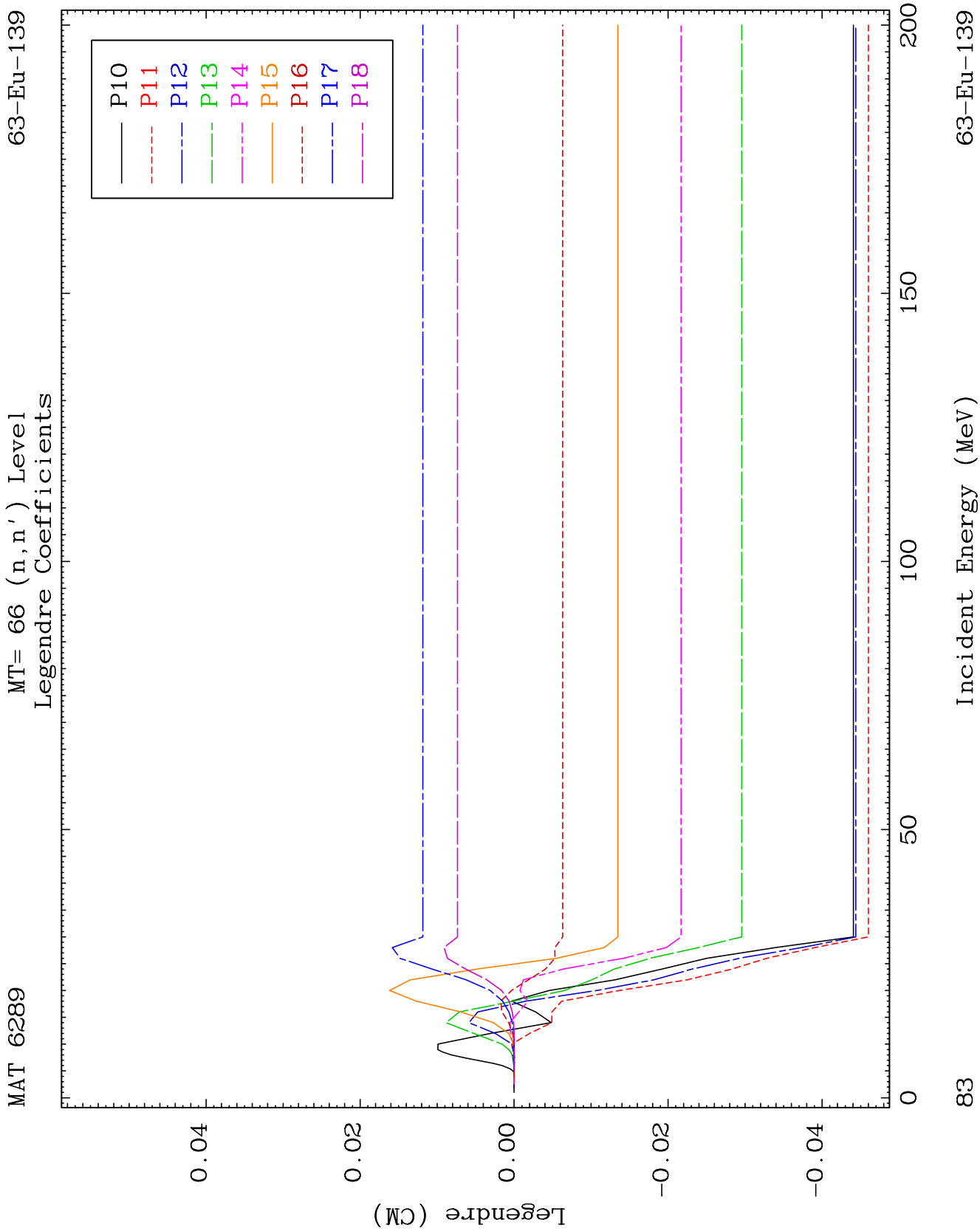








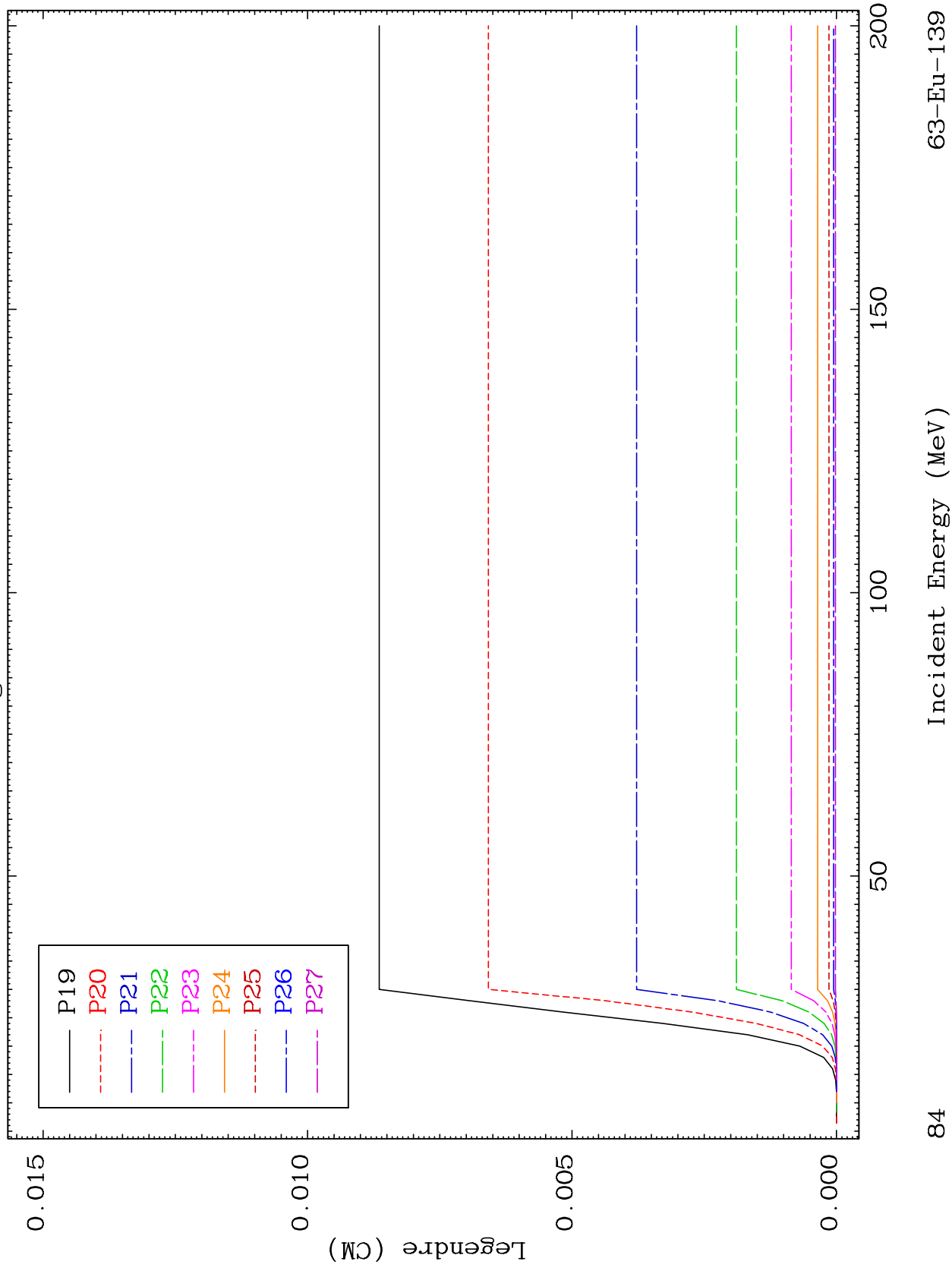


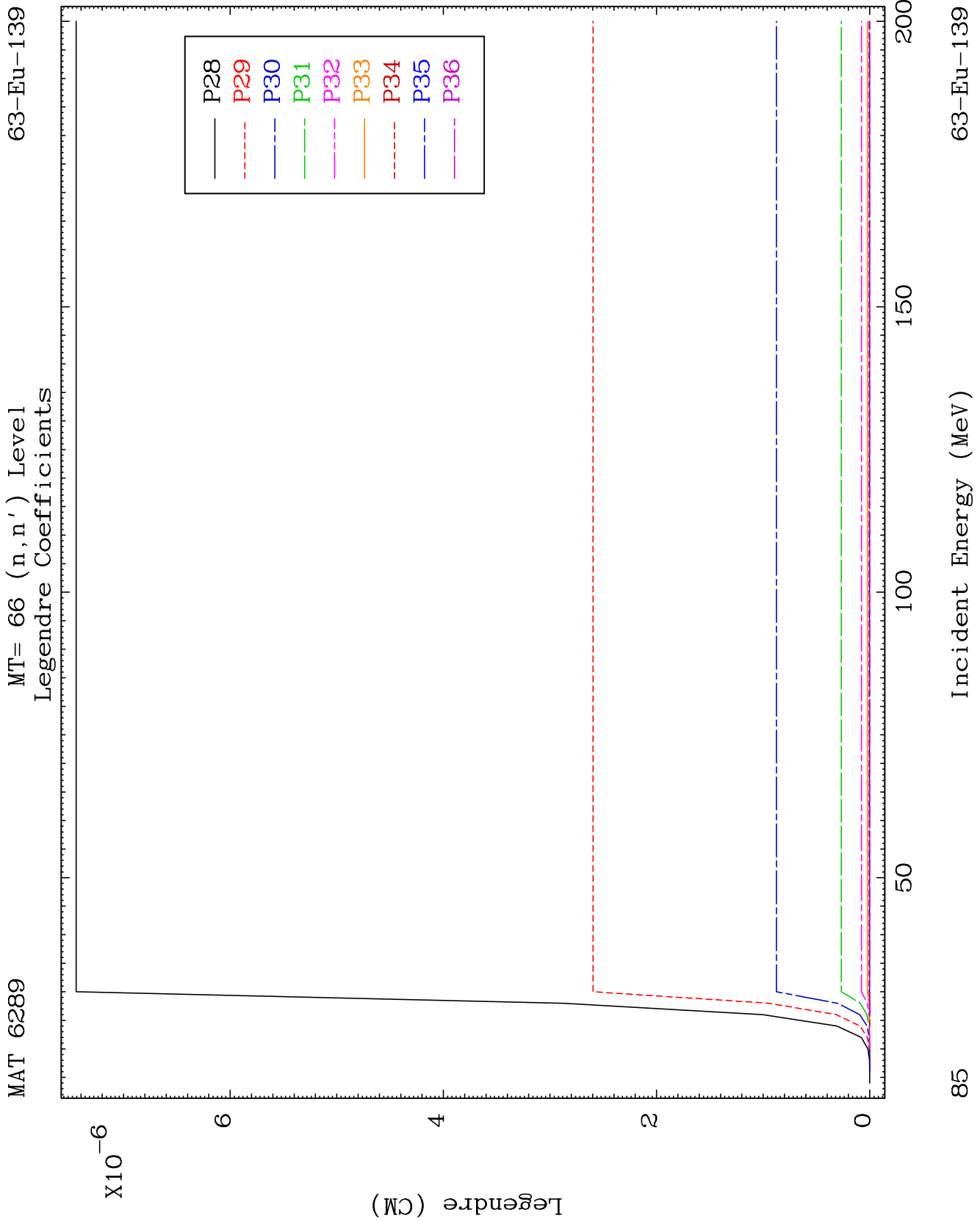


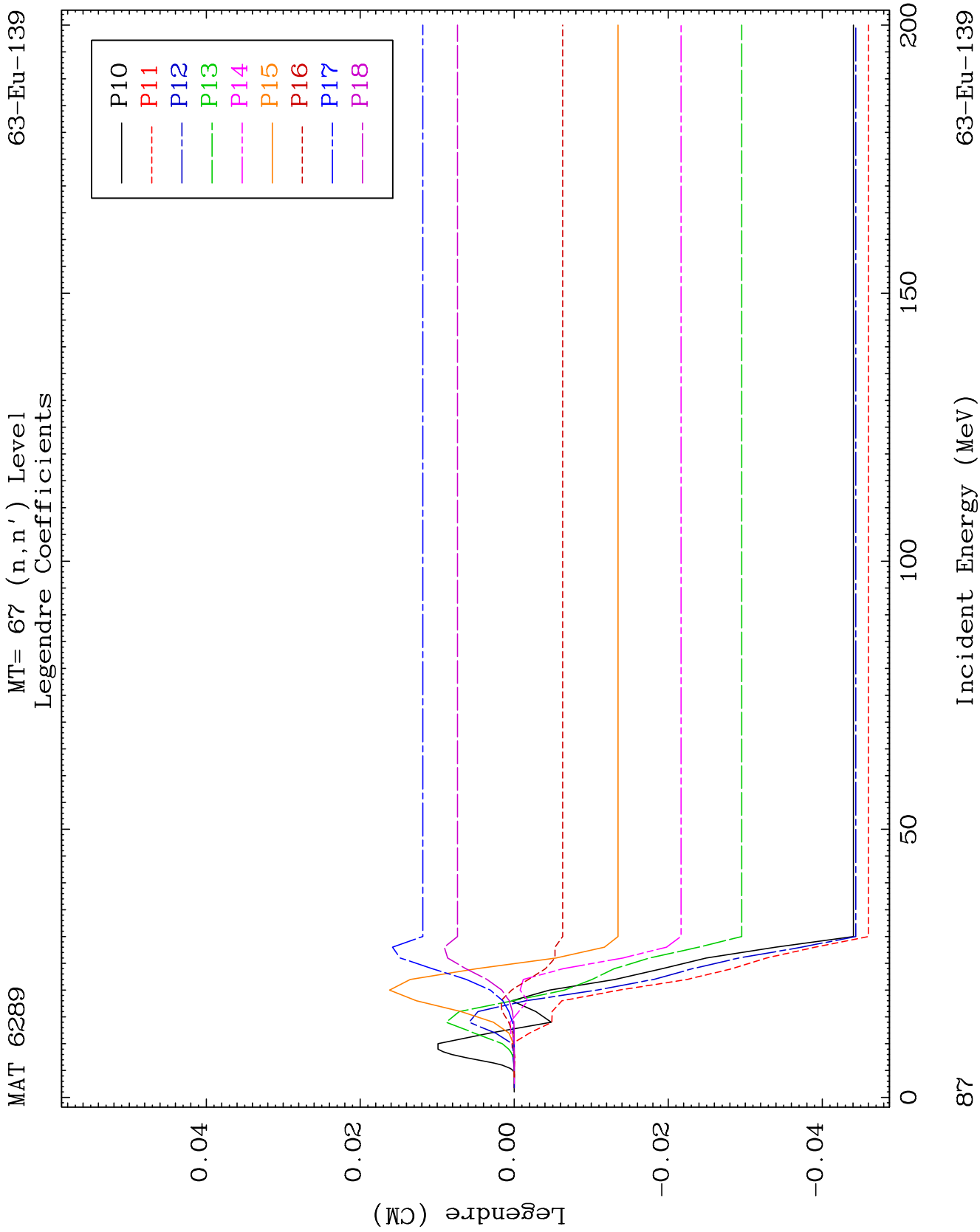
MAT 6289

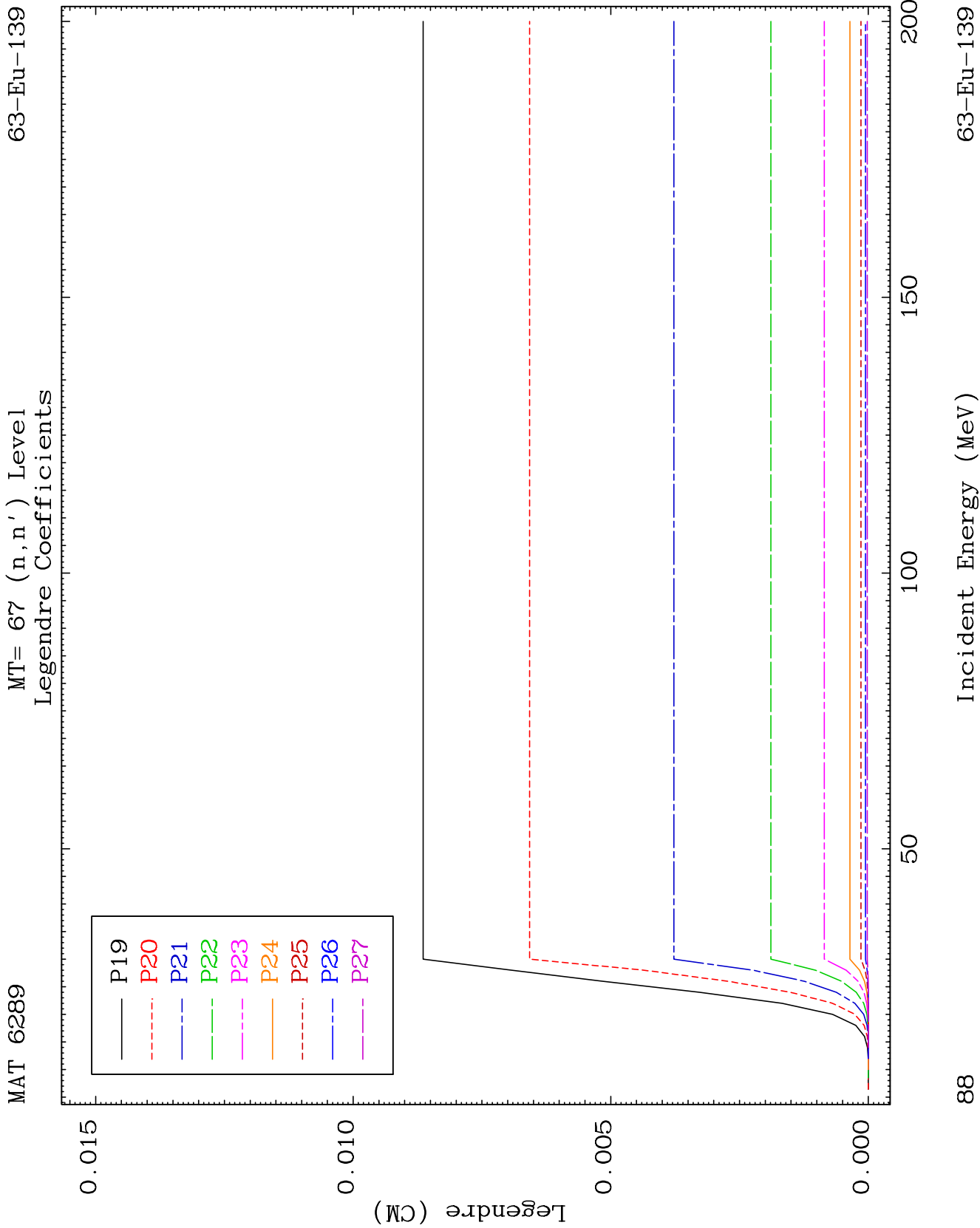
MT= 66 (n, n') Level
Legendre Coefficients

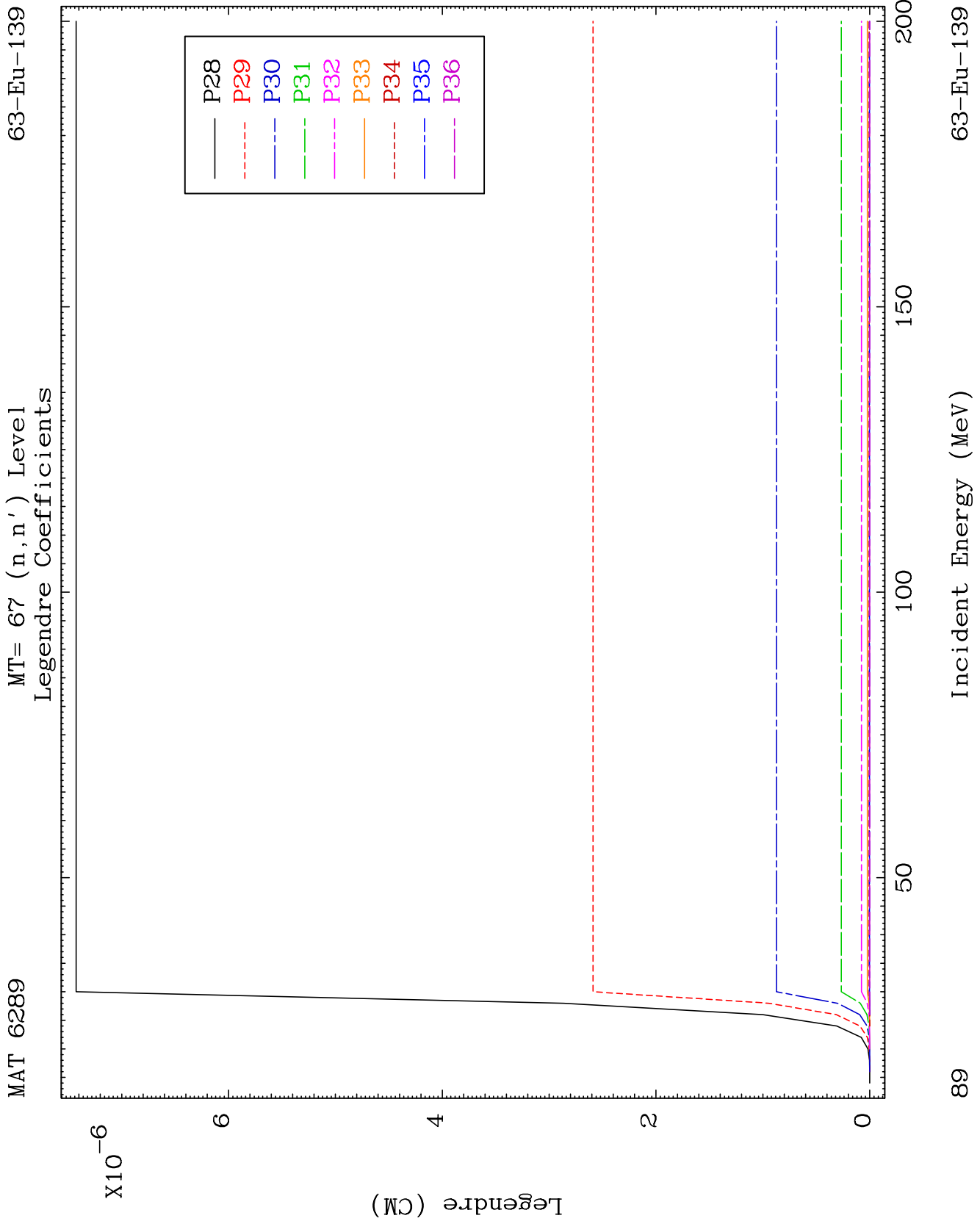
63-Eu-139







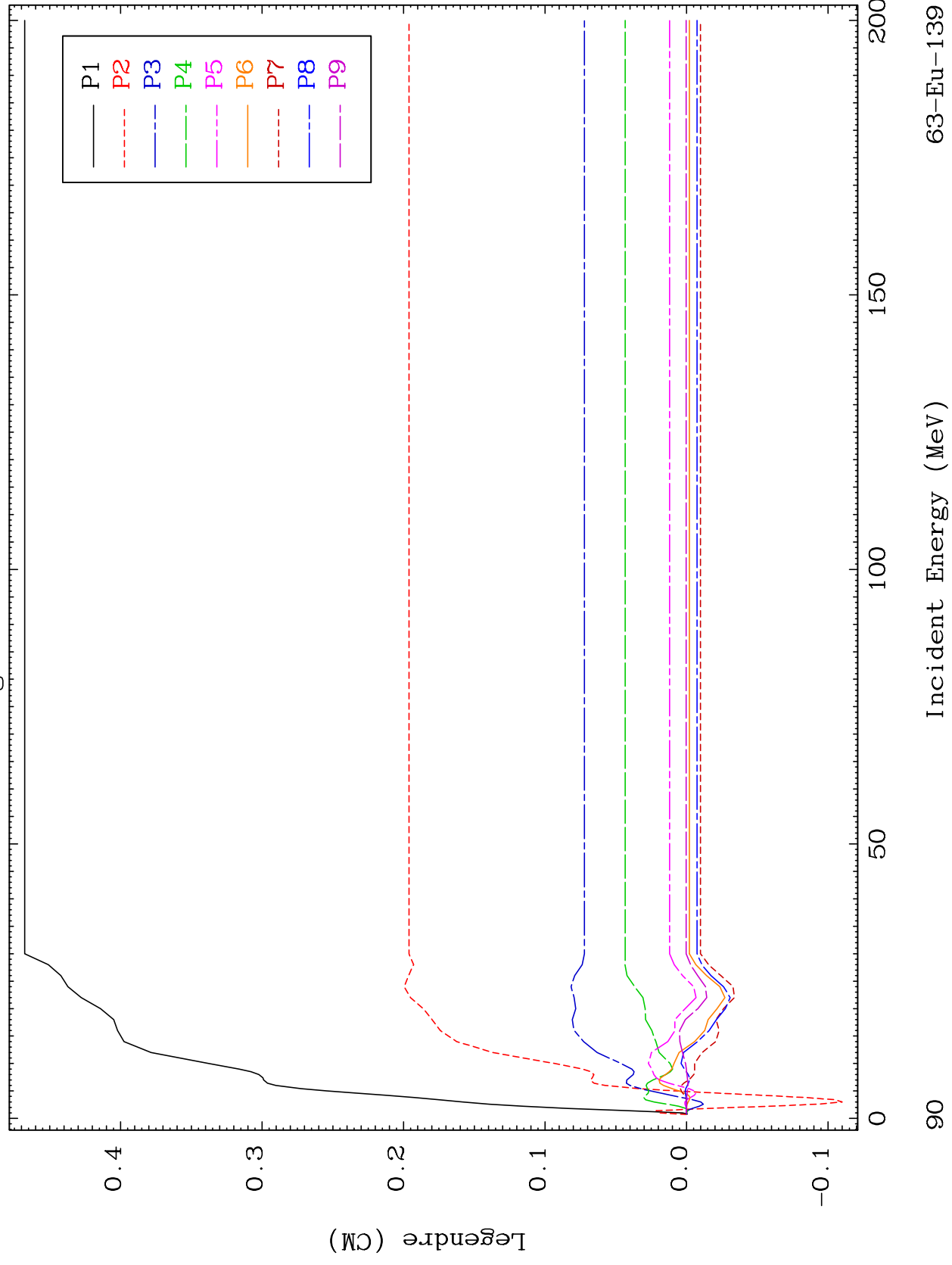


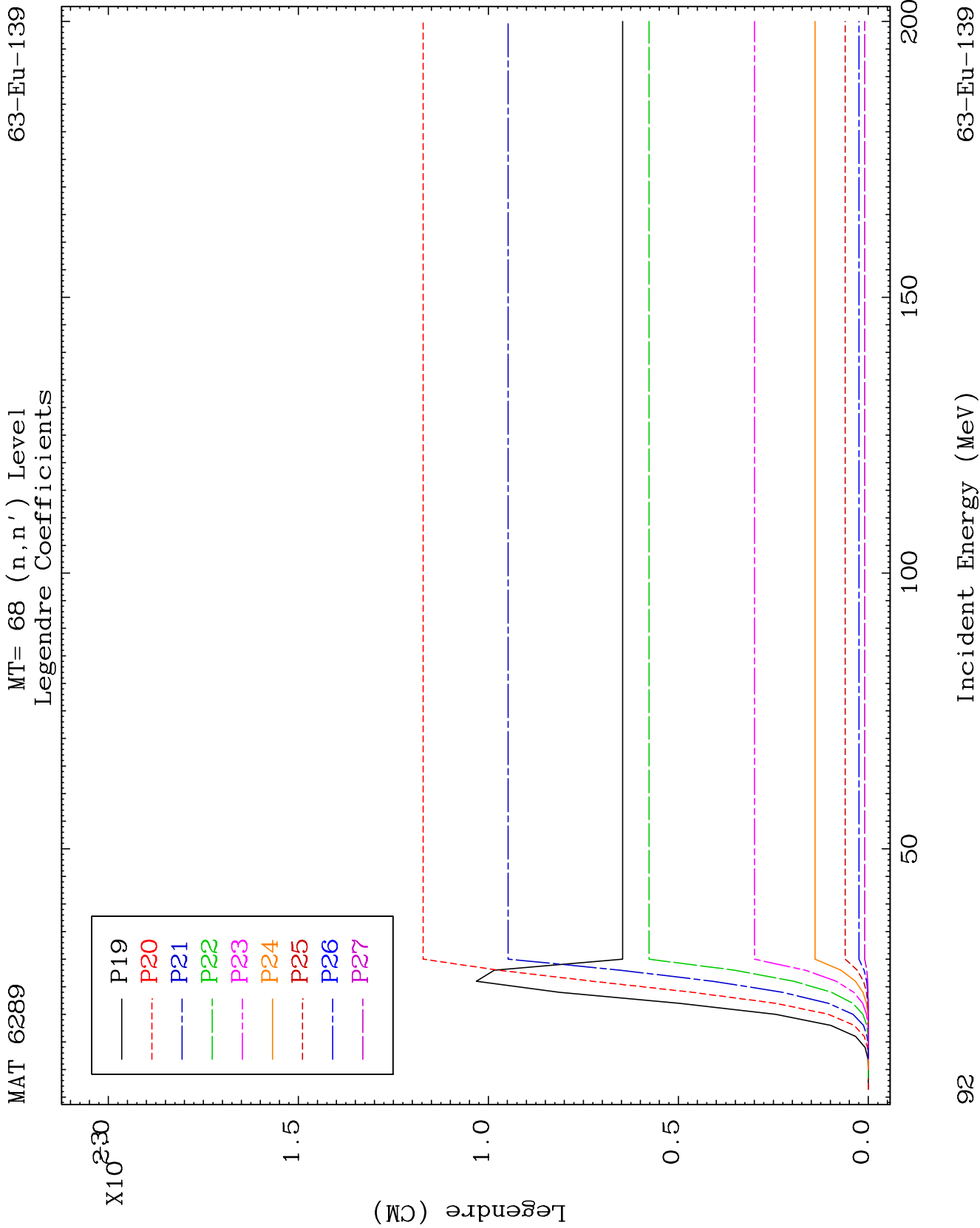


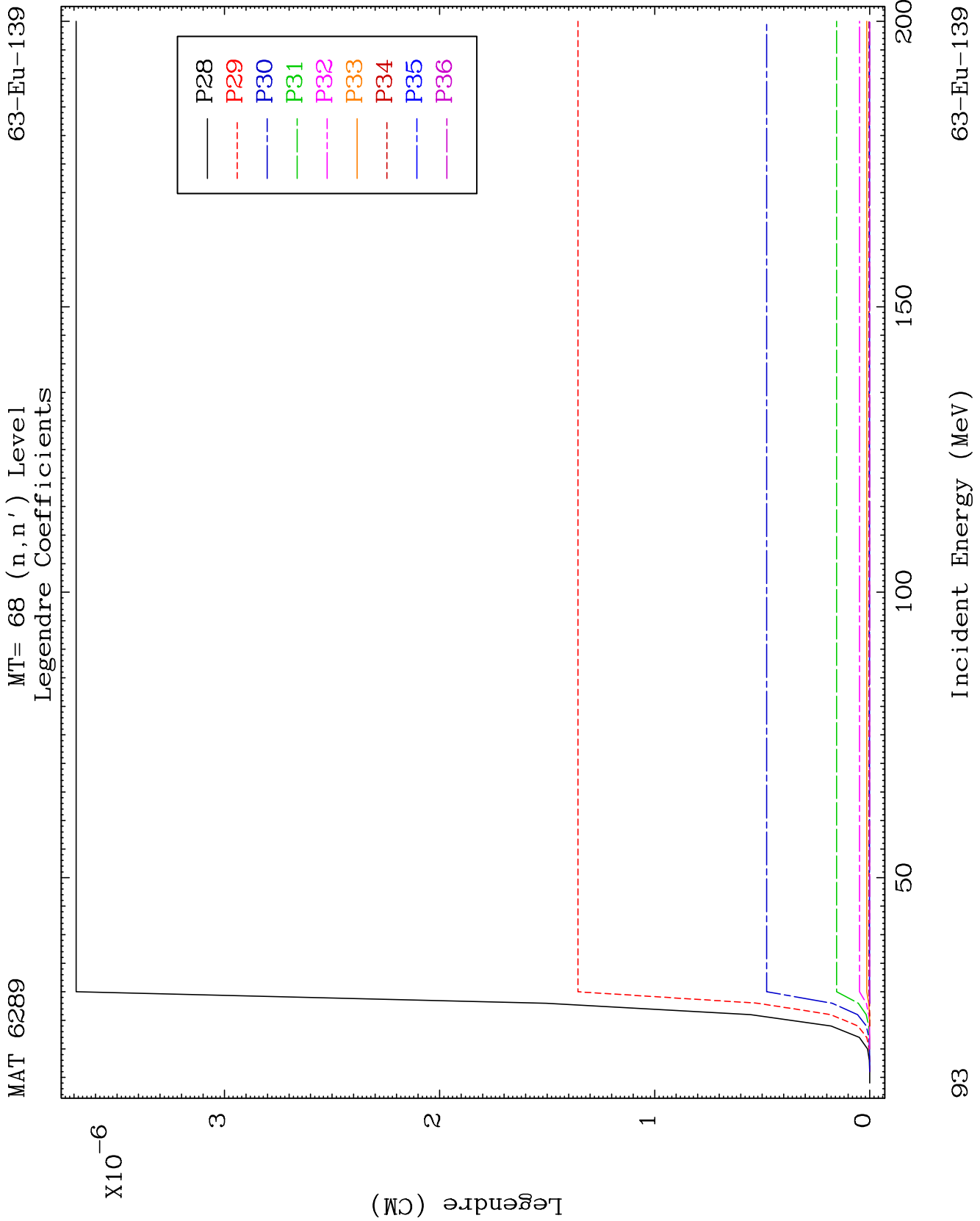
MAT 6289

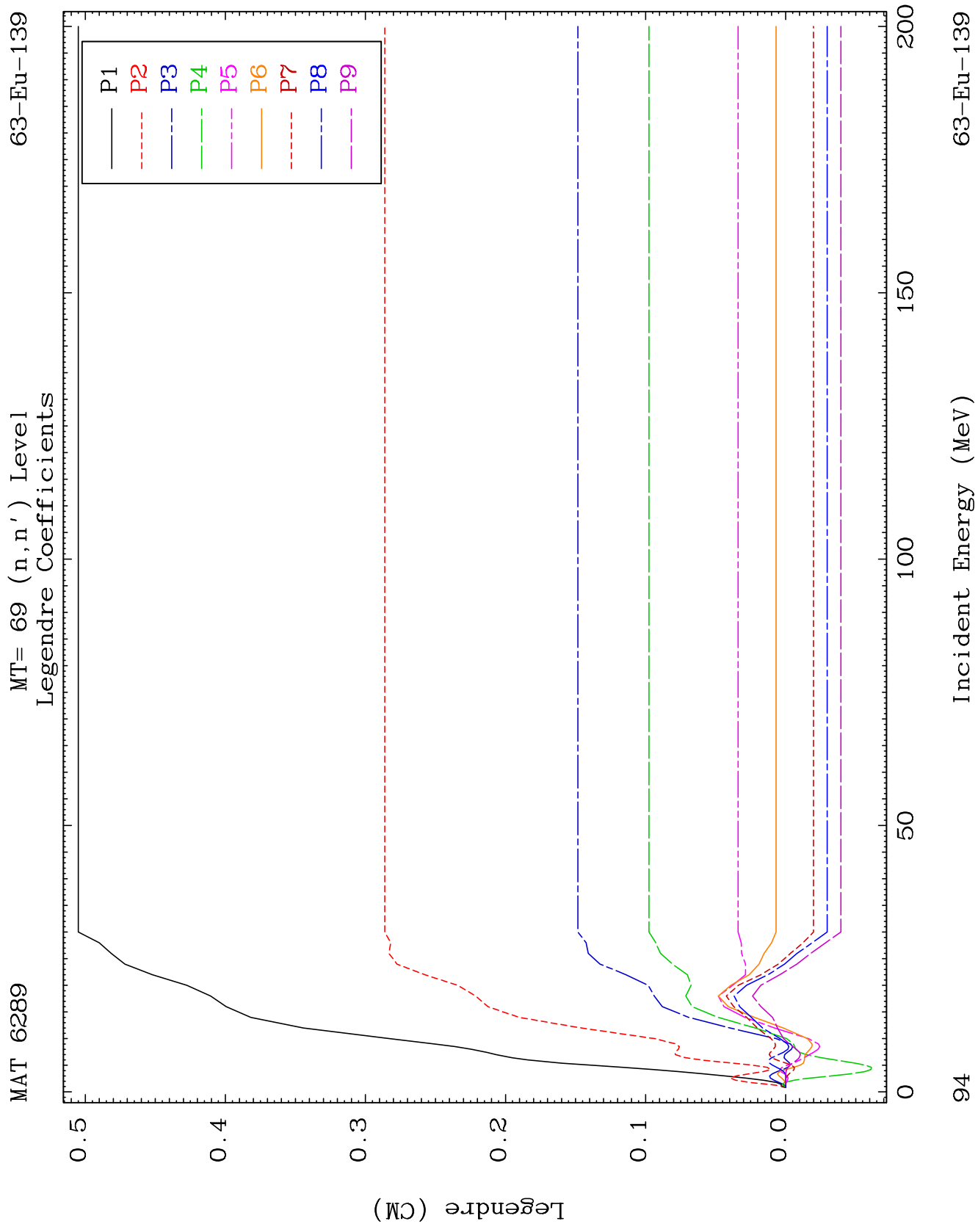
MT= 68 (n, n') Level
Legendre Coefficients

63-Eu-139





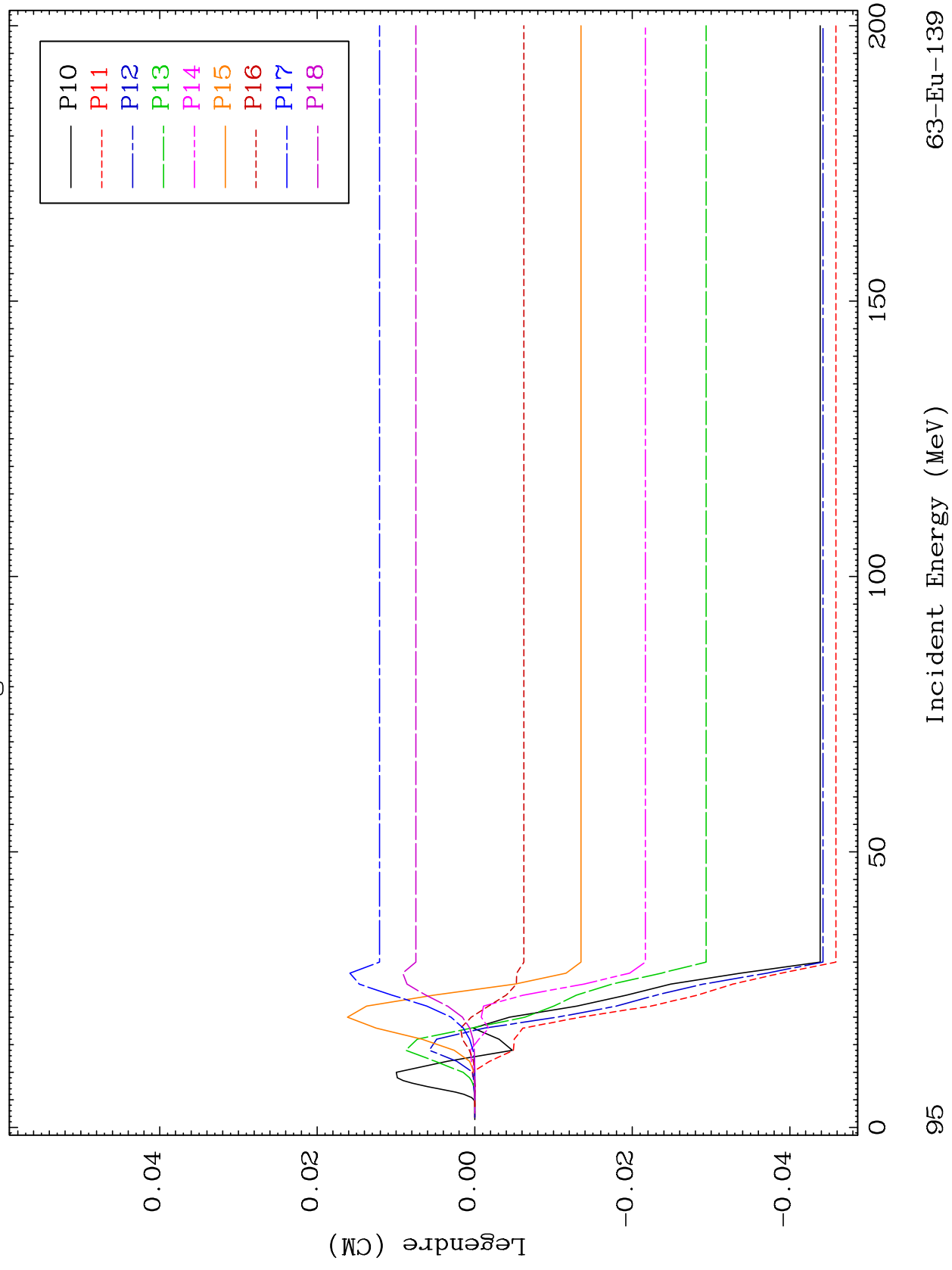


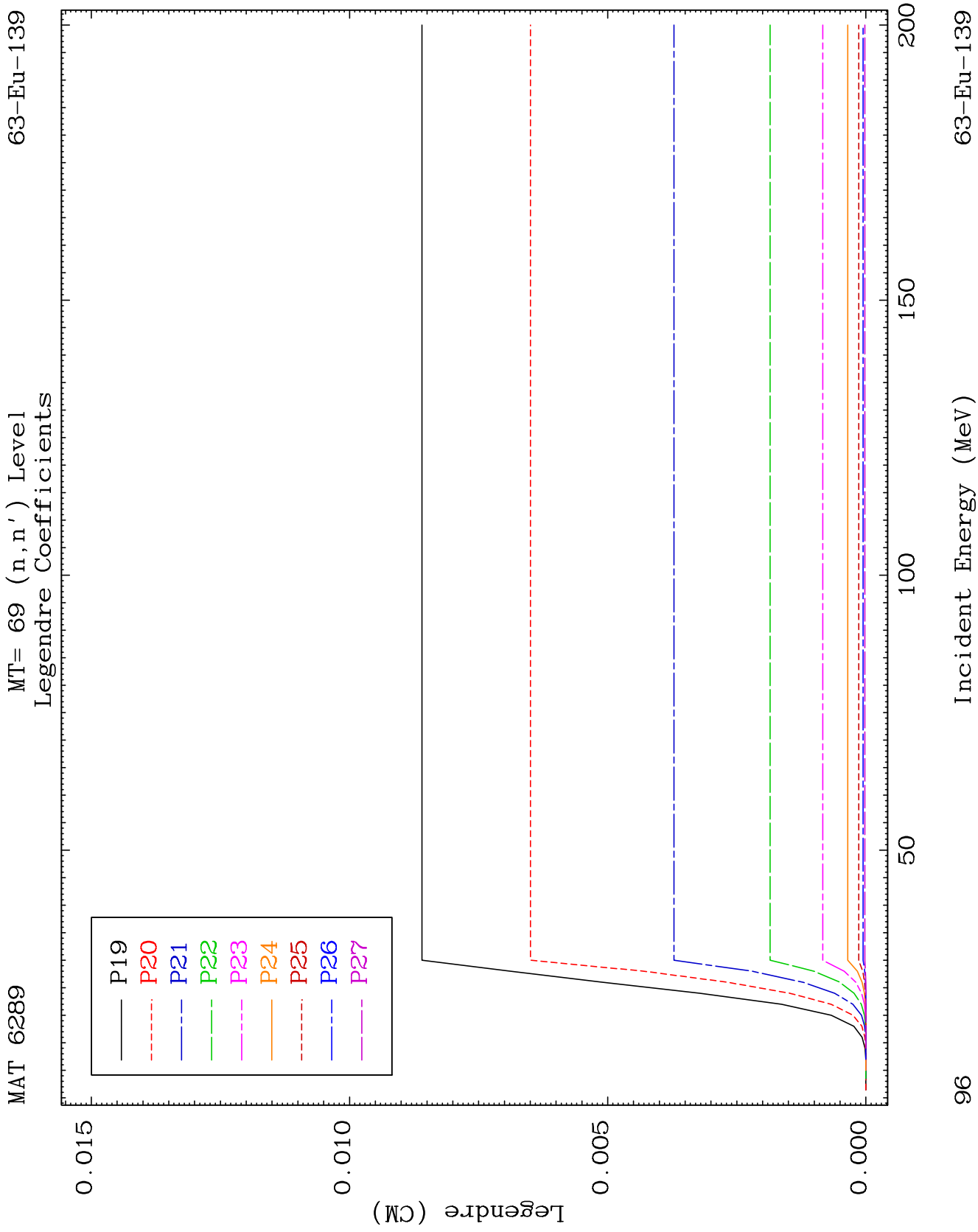


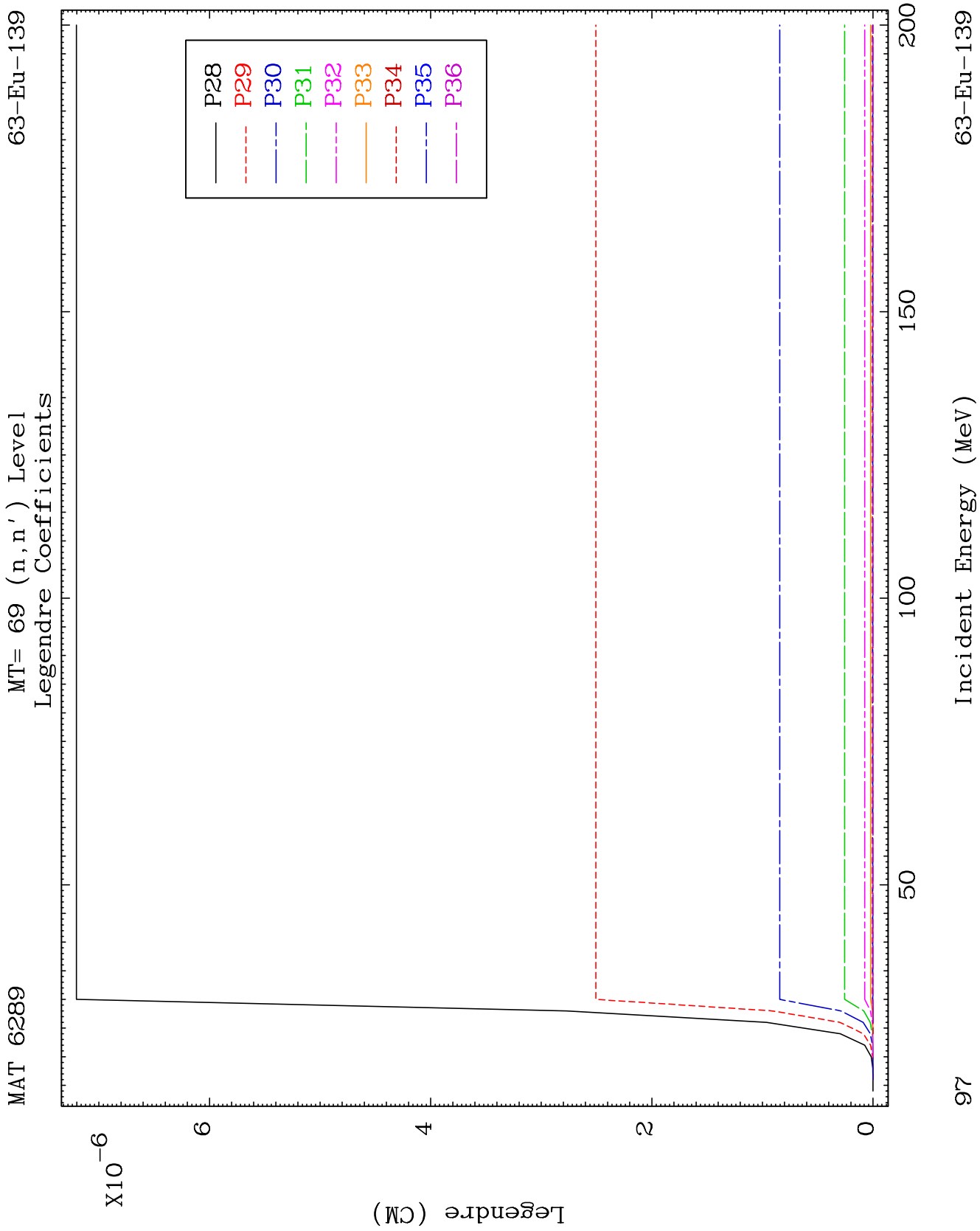
MAT 6289

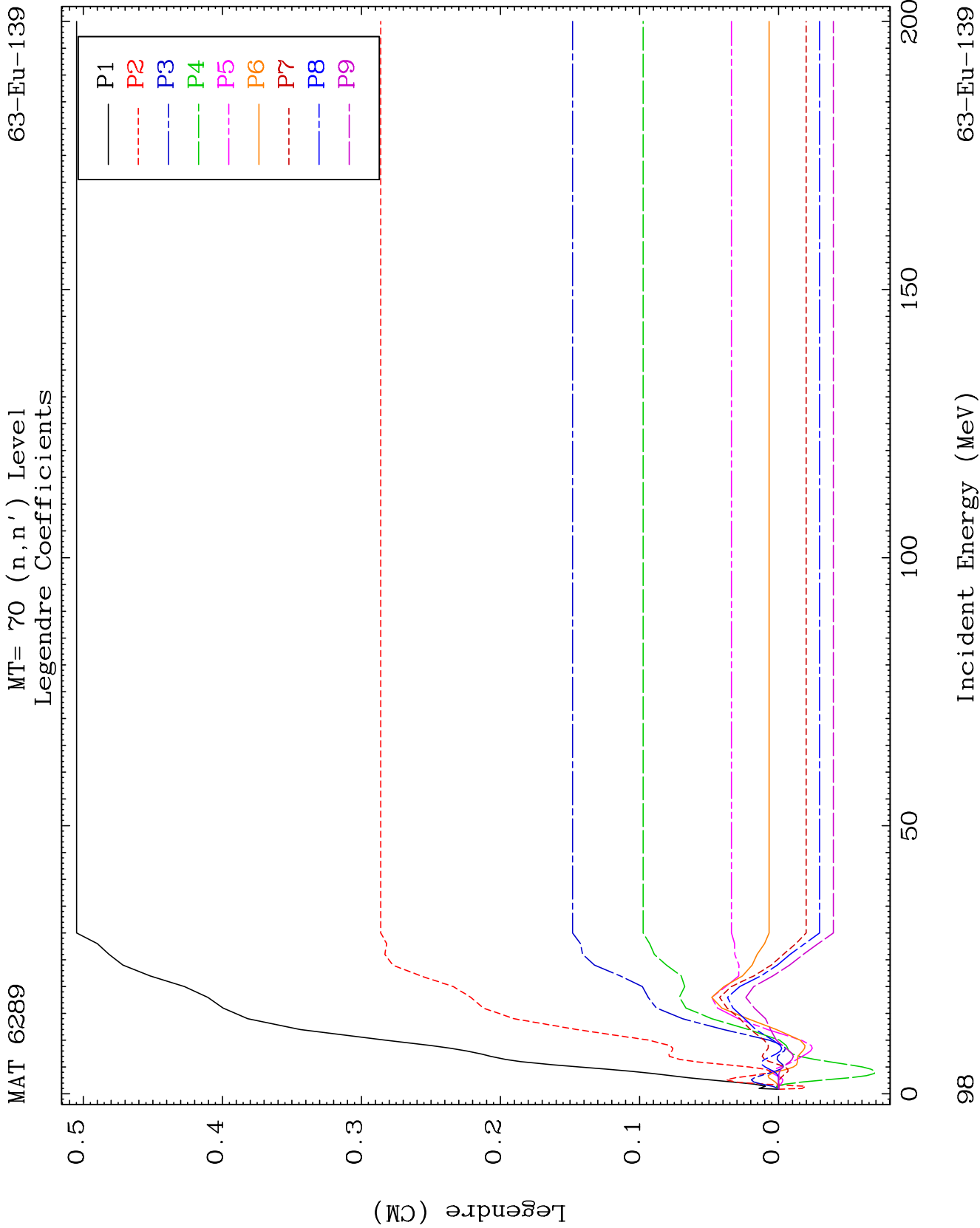
MT= 69 (n, n') Level
Legendre Coefficients

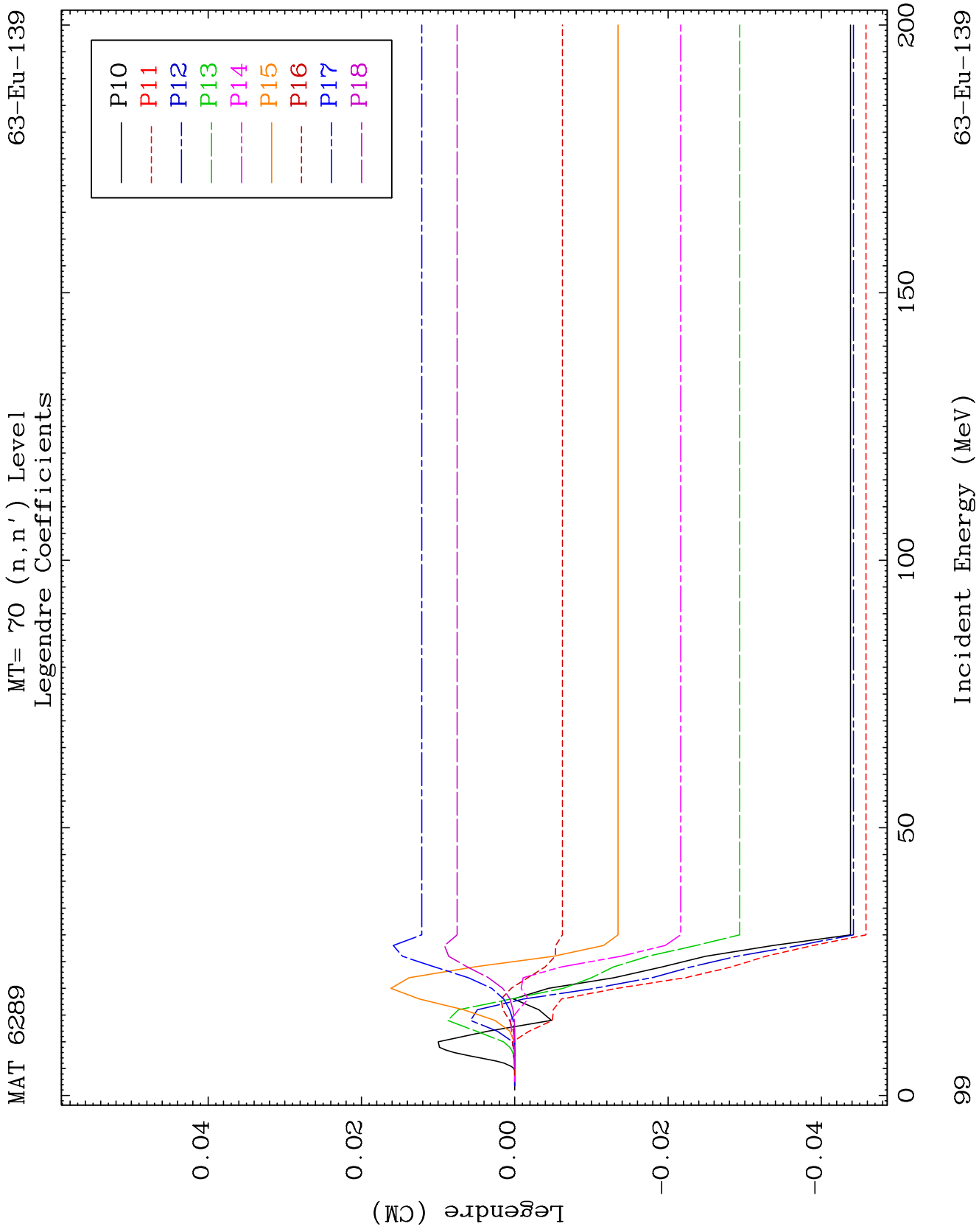
63-Eu-139







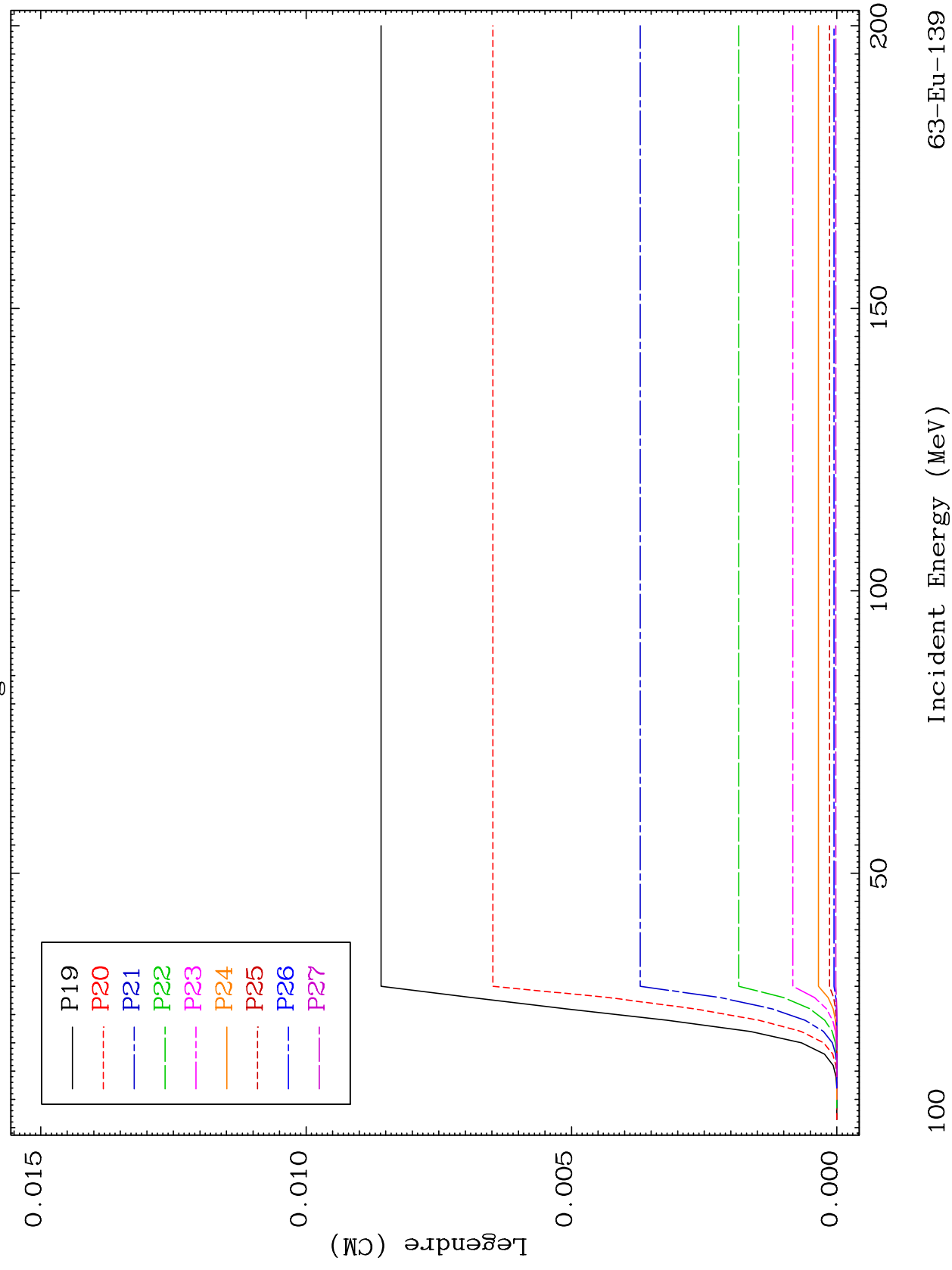


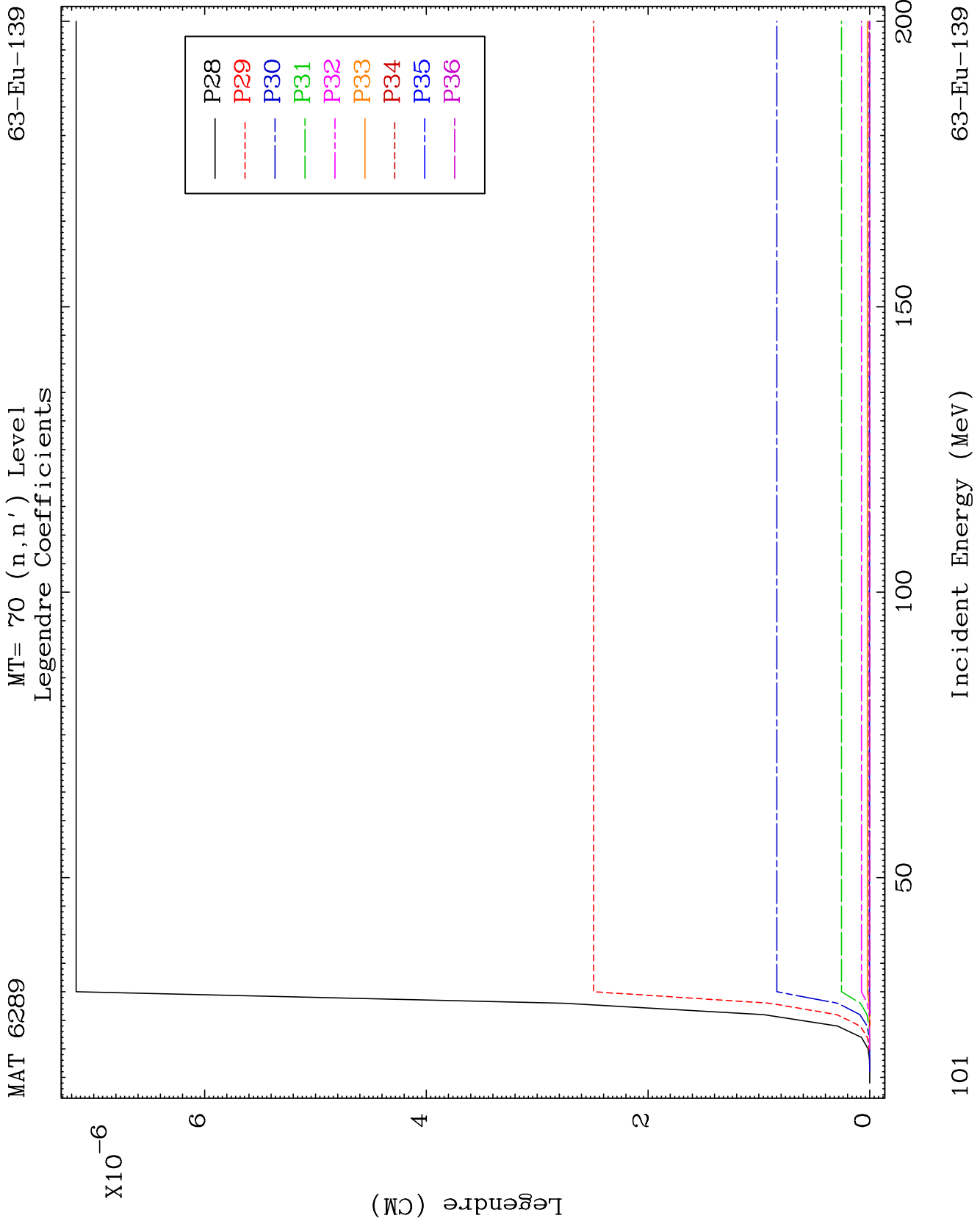


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MT= 70 (n, n') Level
Legendre Coefficients

63-Eu-139

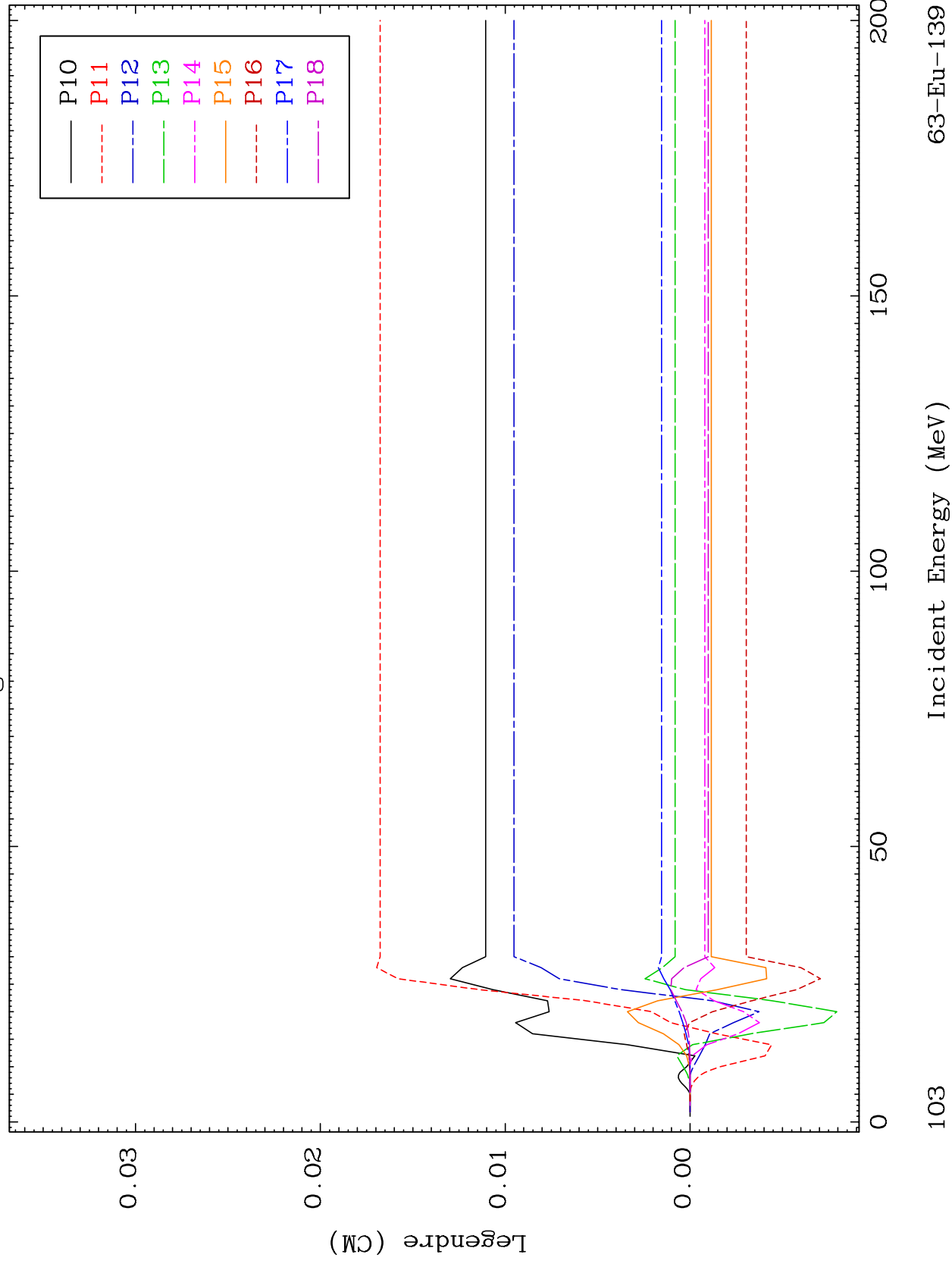


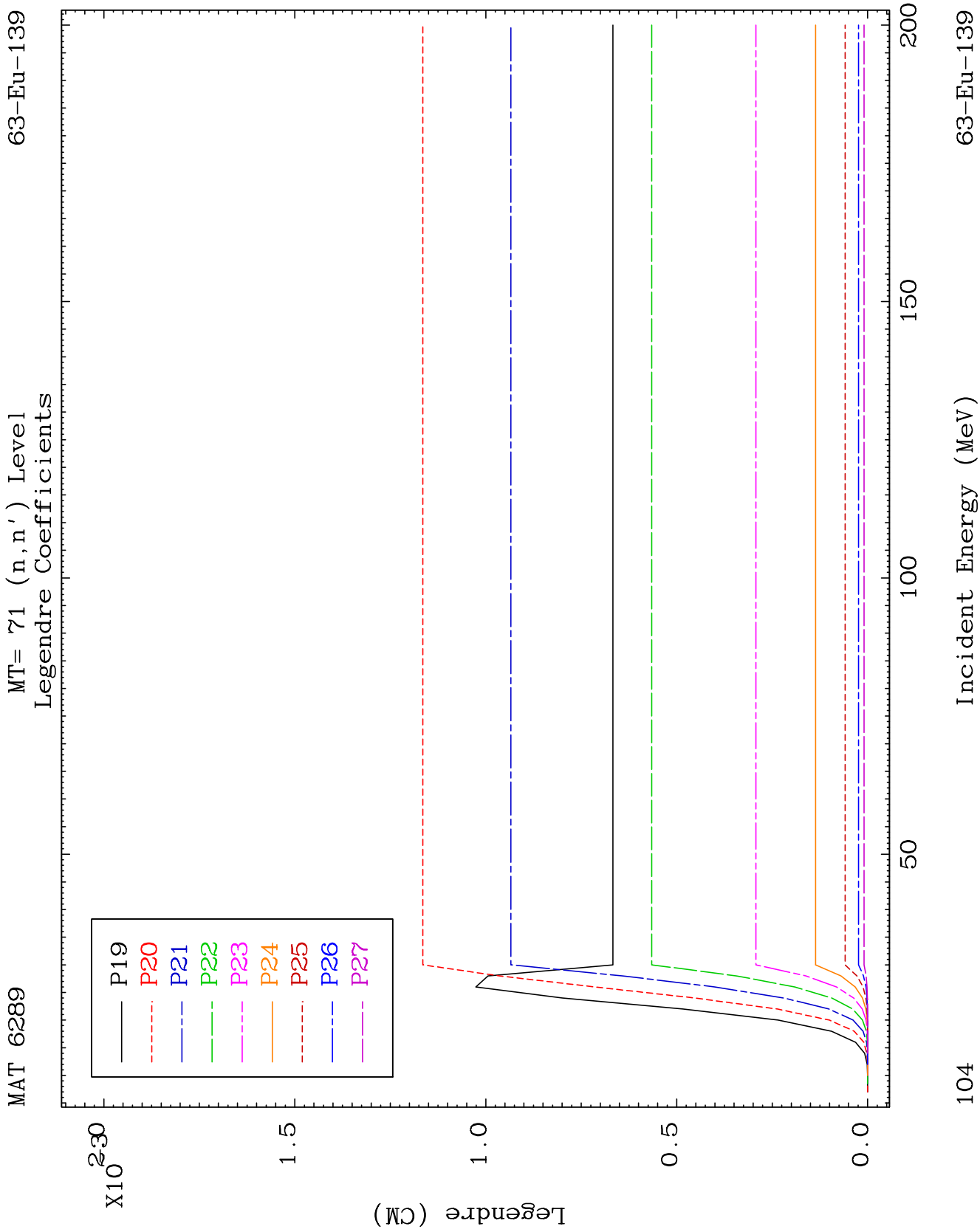


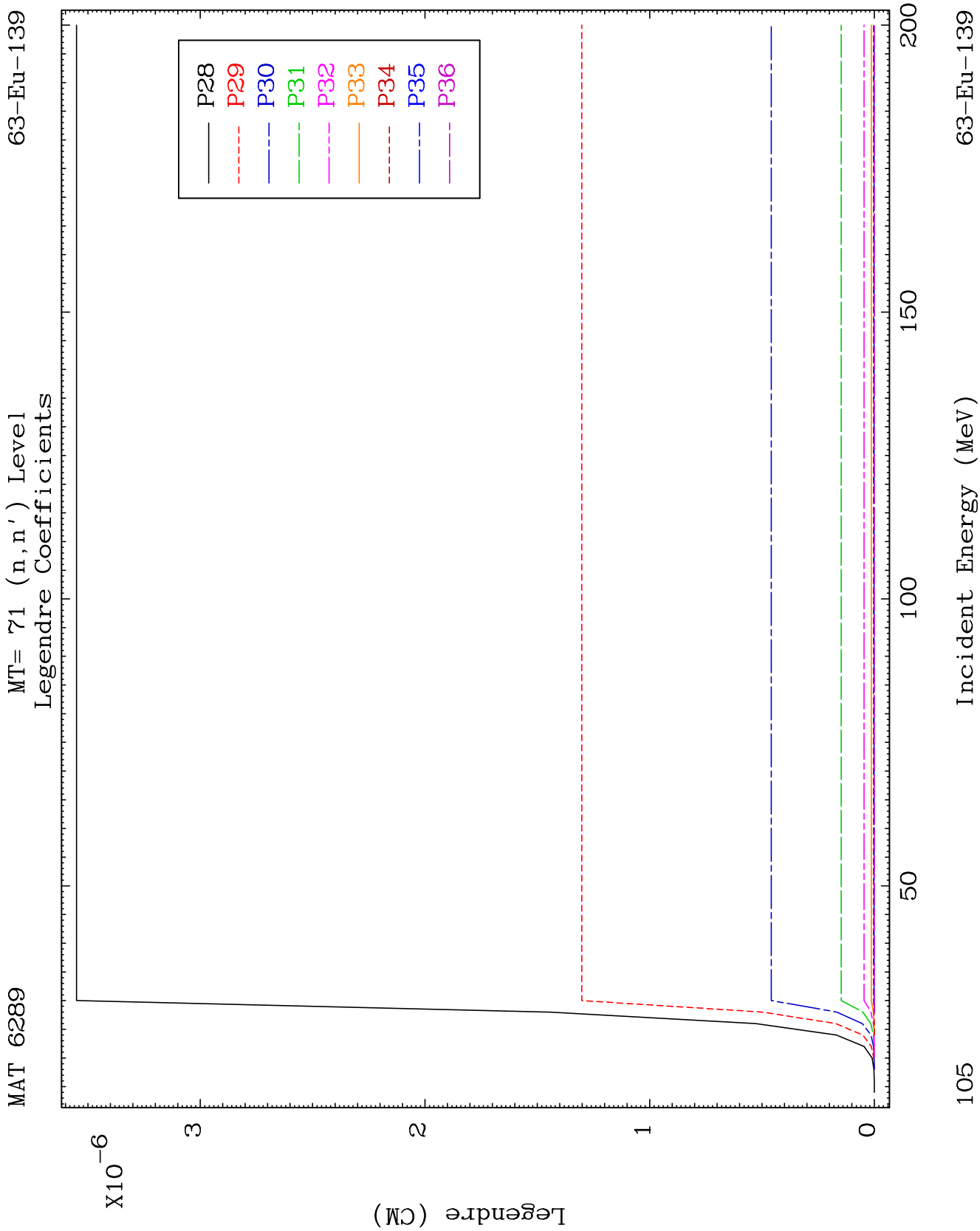
MAT 6289

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

63-Eu-139





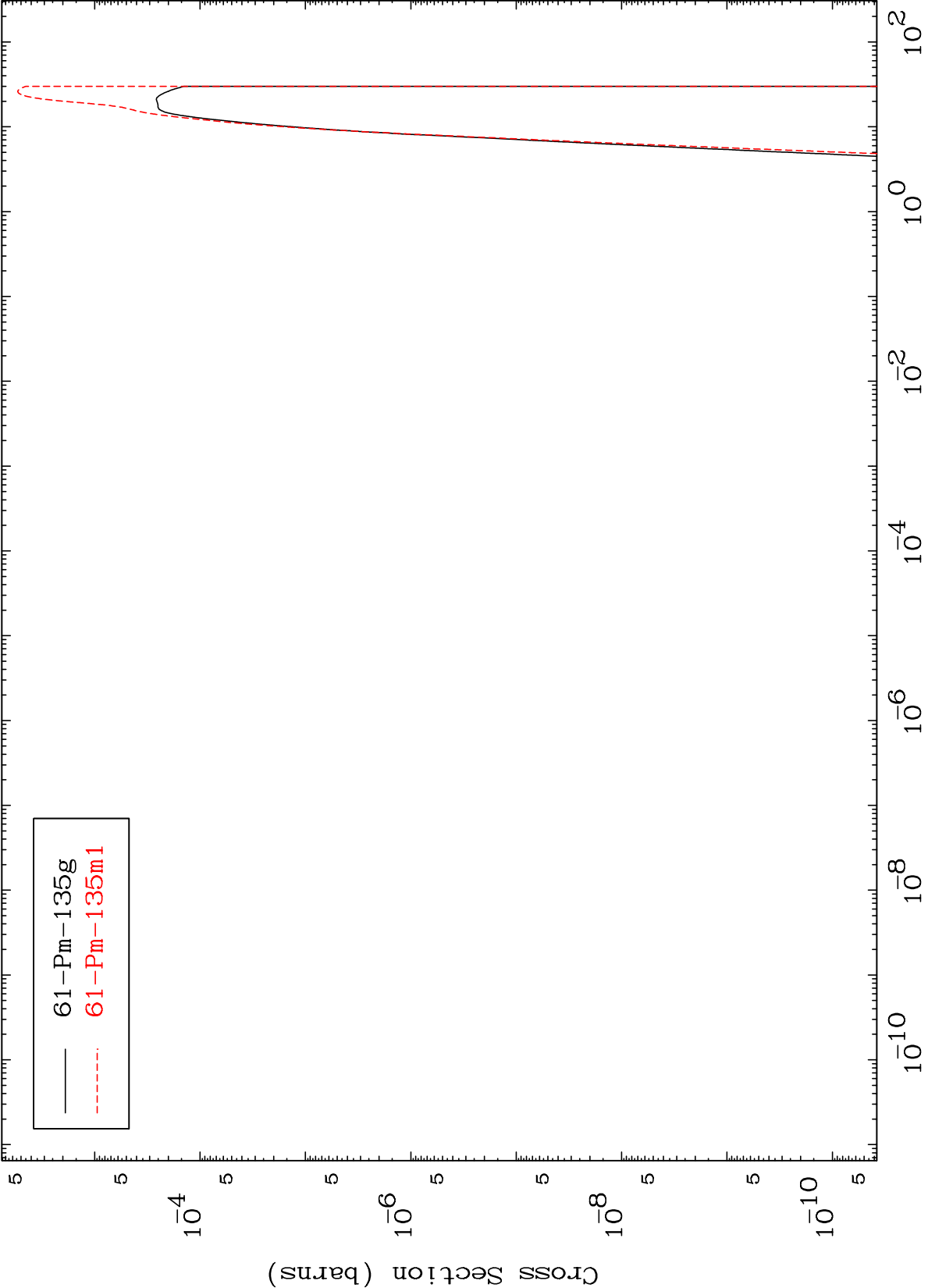


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$(n,n') \alpha$

63-Eu-139

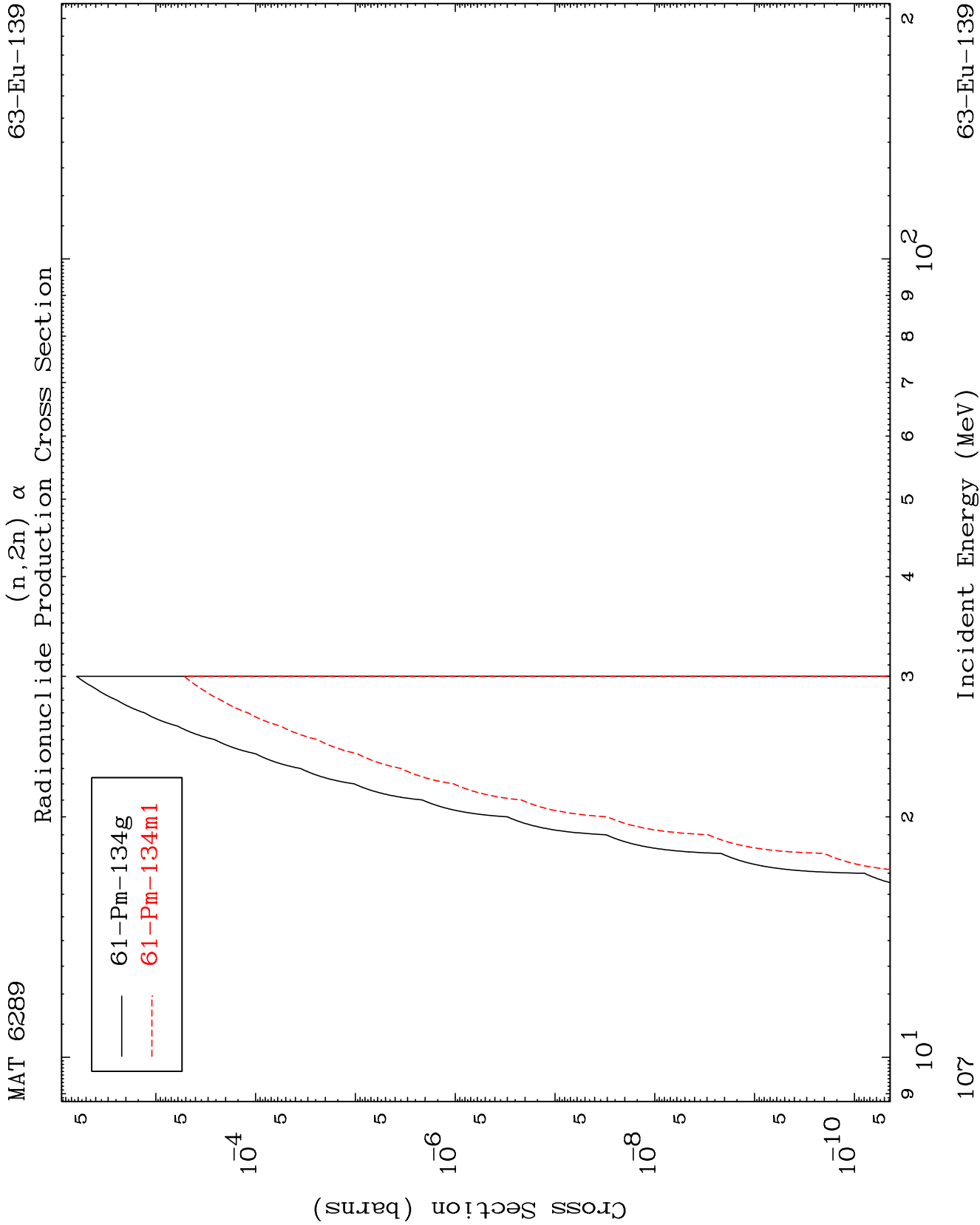
Radionuclide Production Cross Section

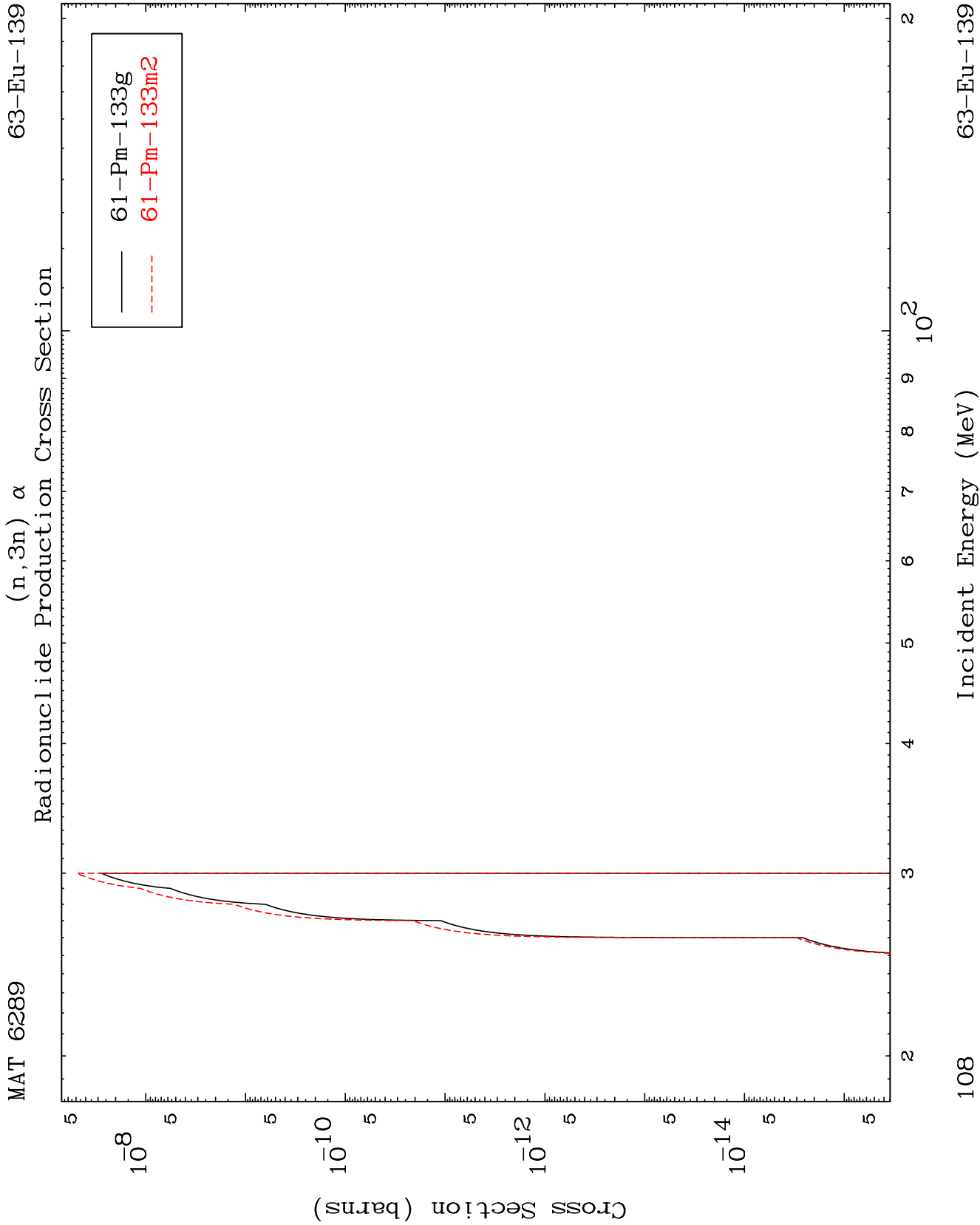


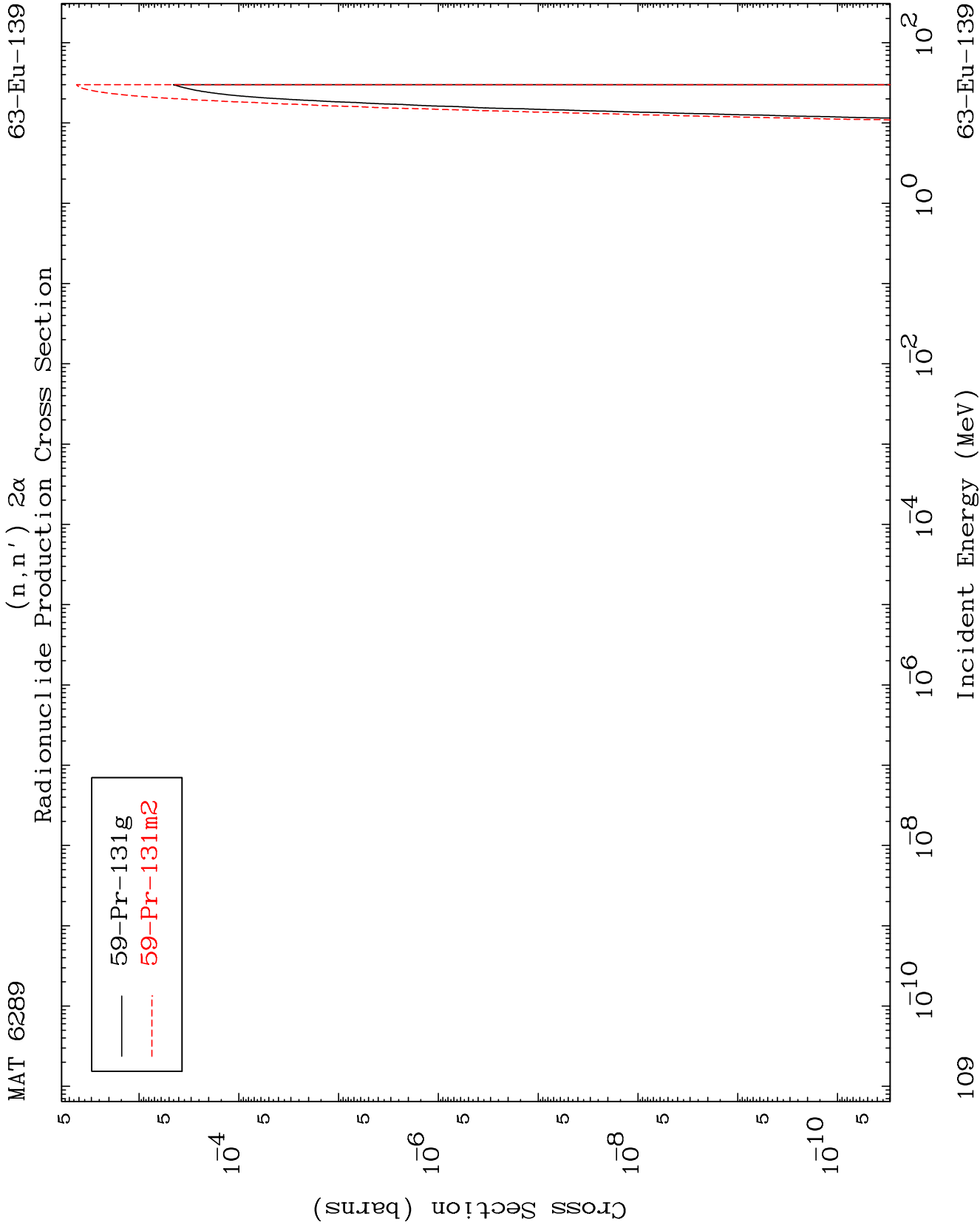
106

Incident Energy (MeV)

63-Eu-139





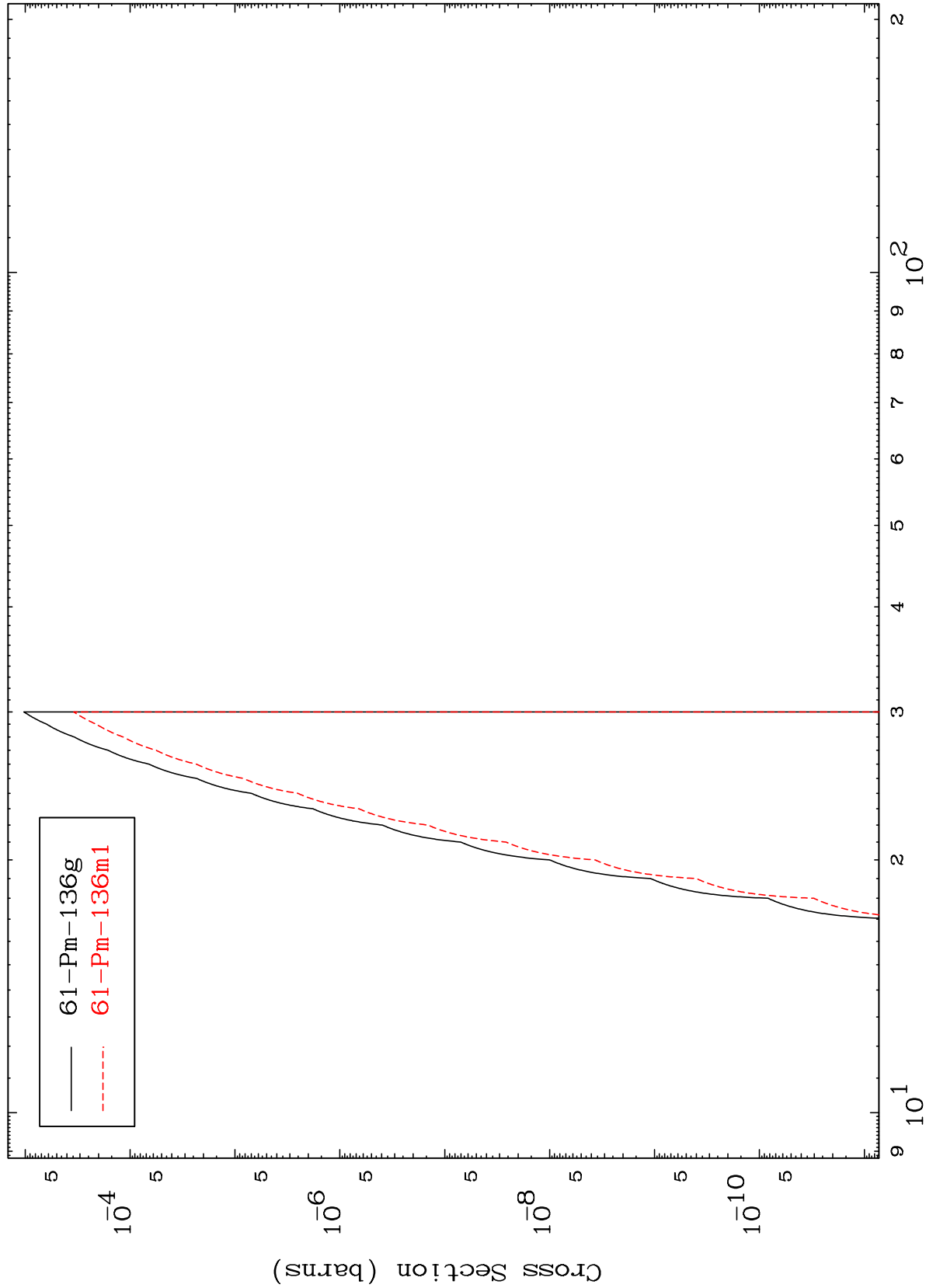


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(n,n') He-3

63-Eu-139

Radionuclide Production Cross Section



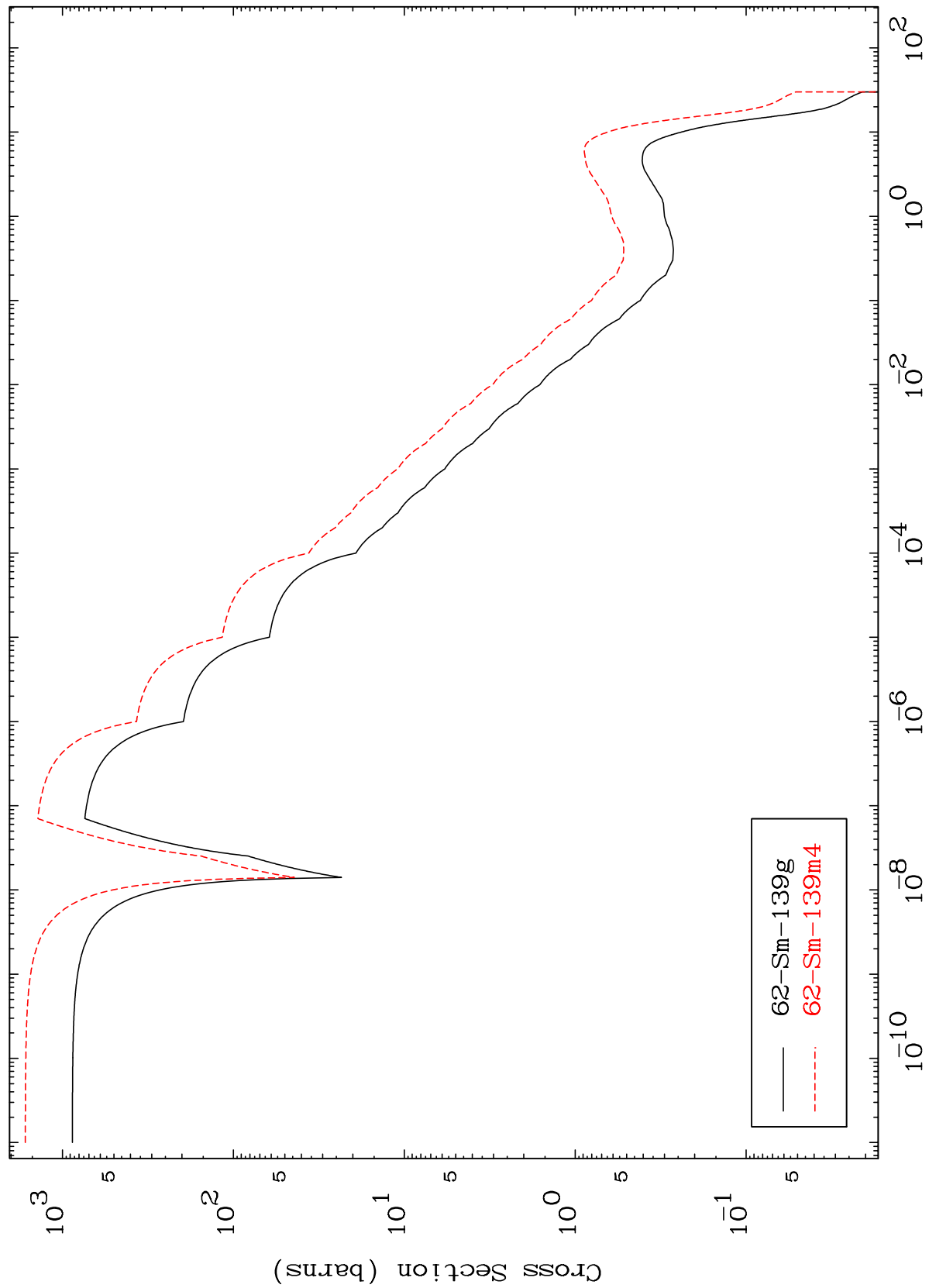
Incident Energy (MeV)

63-Eu-139

MAT 6289

63-Eu-139

(n,p)
Radionuclide Production Cross Section



62-Sm-139g
62-Sm-139m4

Radionuclide Production Cross Section
(n, α)

