

Program EVALPLOT
(Version 2021-1)

by

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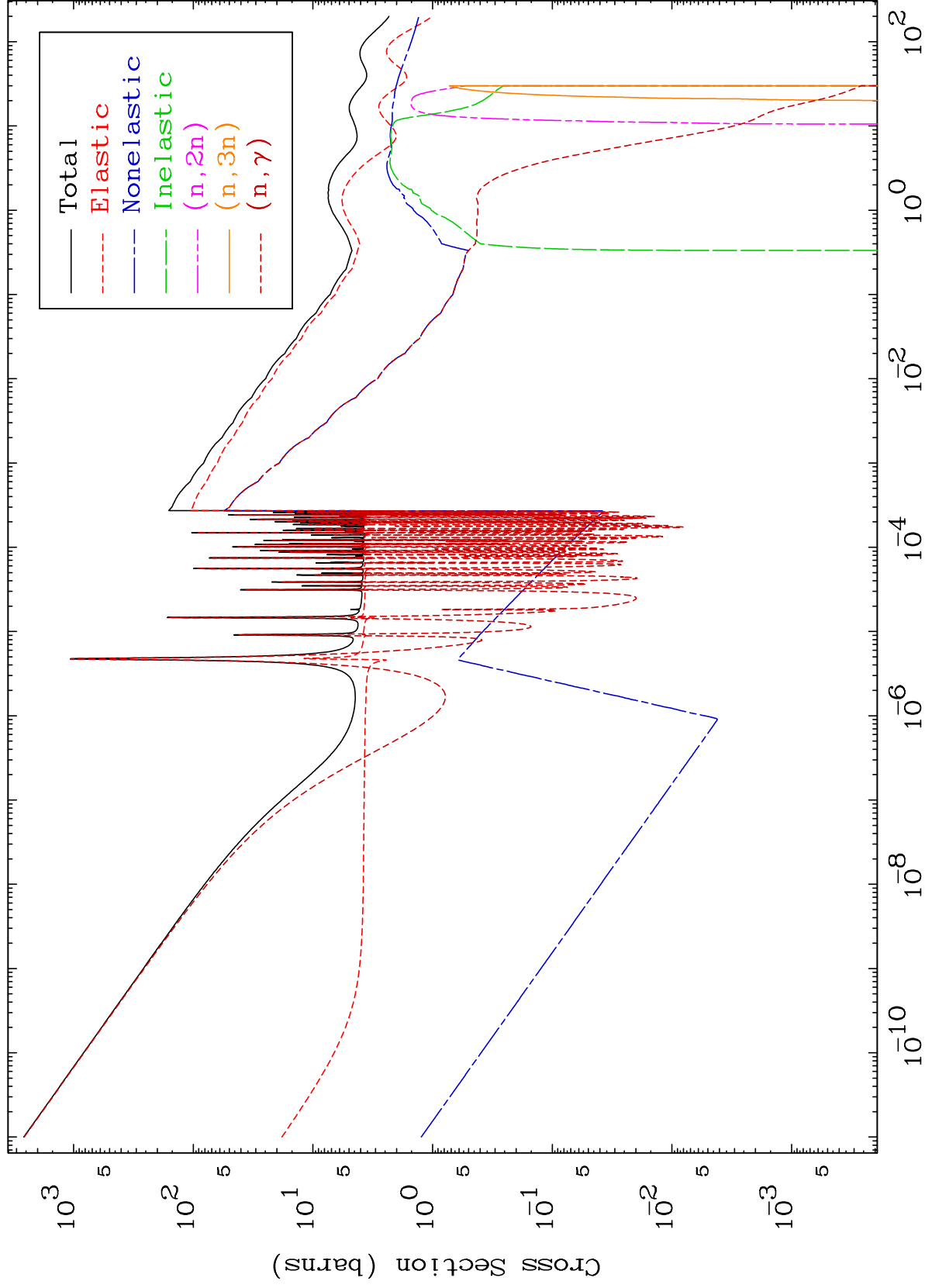
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

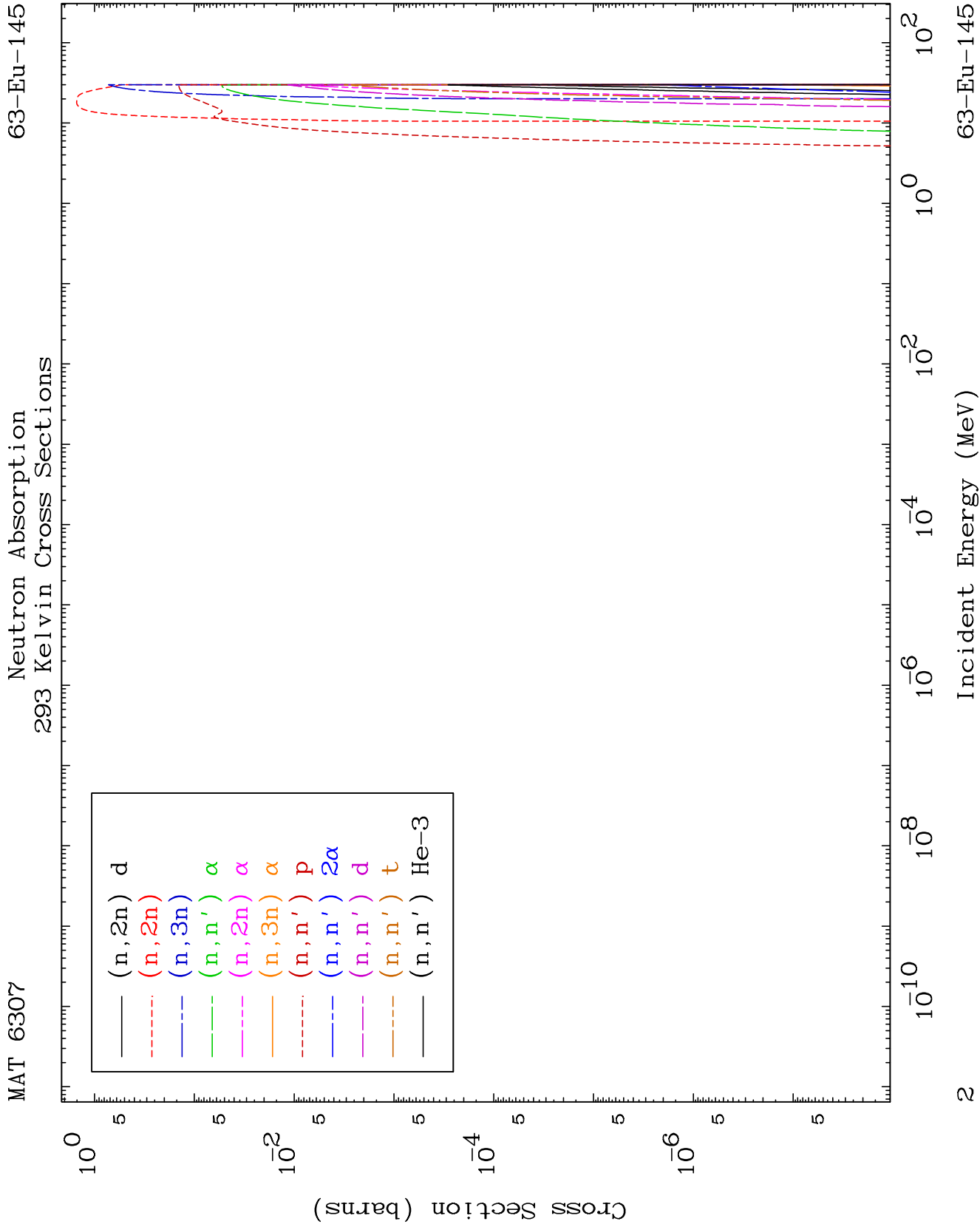
Press Mouse Button to Start

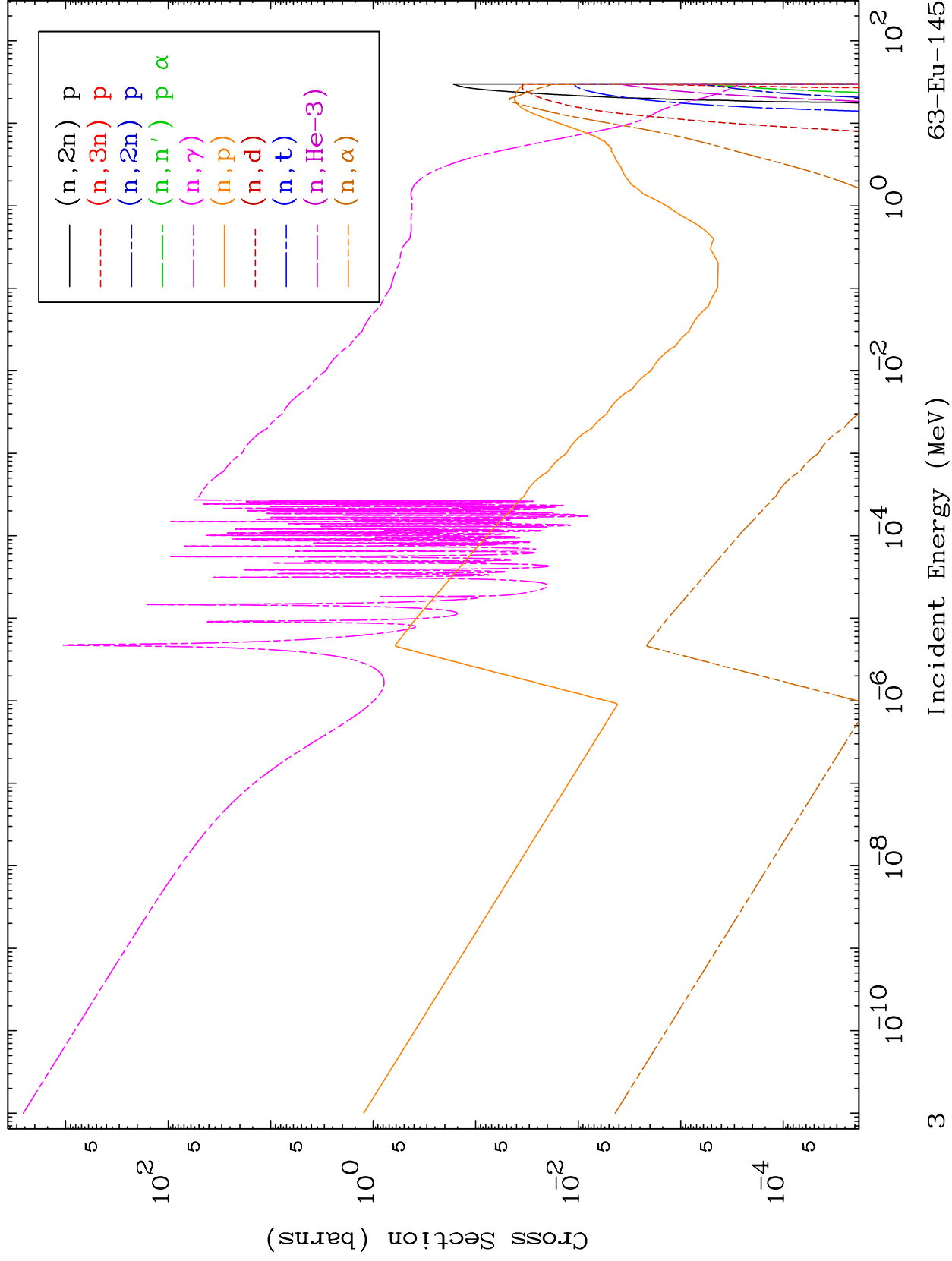
MAT 6307

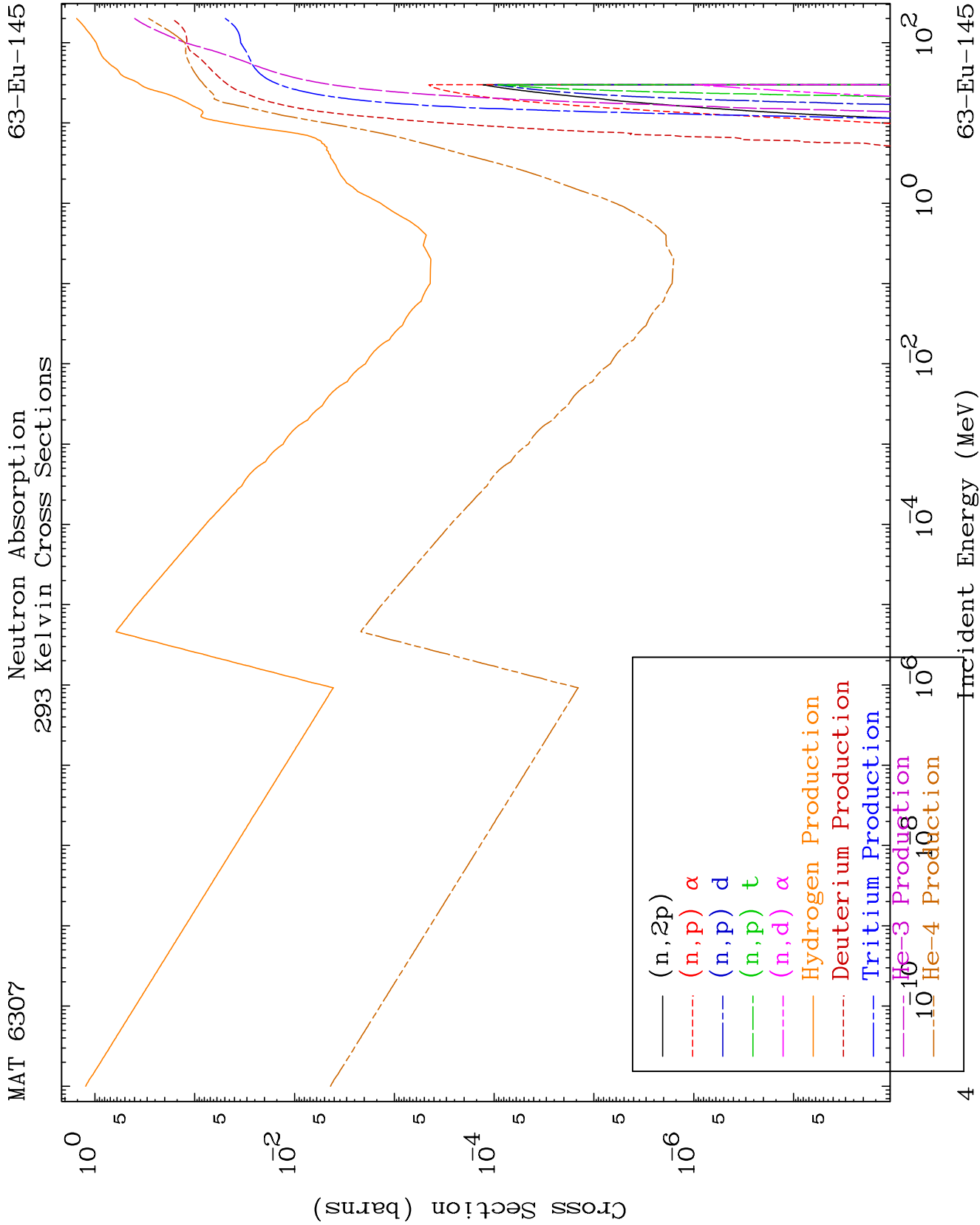
Neutron Major
293 Kelvin Cross Sections

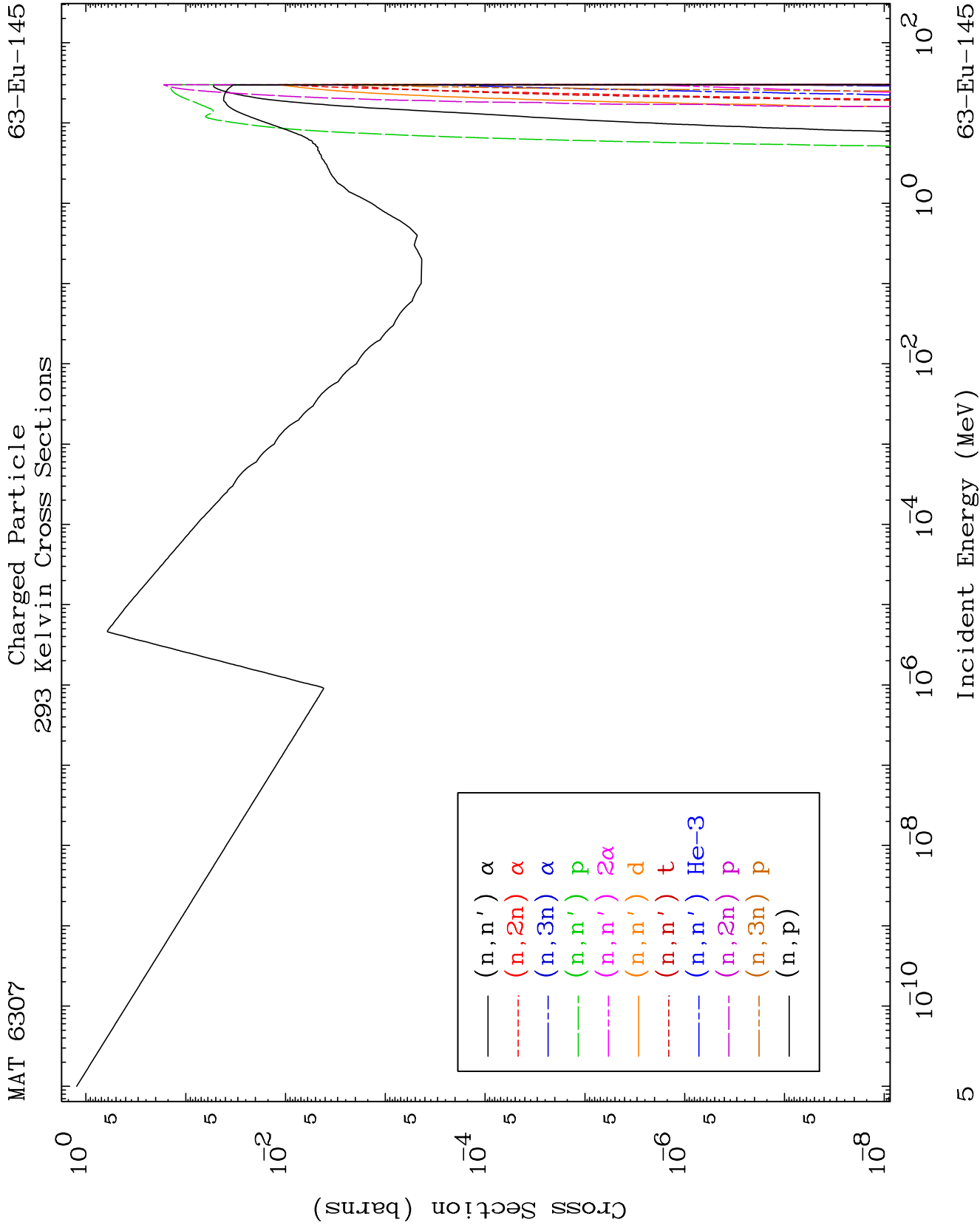
63-Eu-145

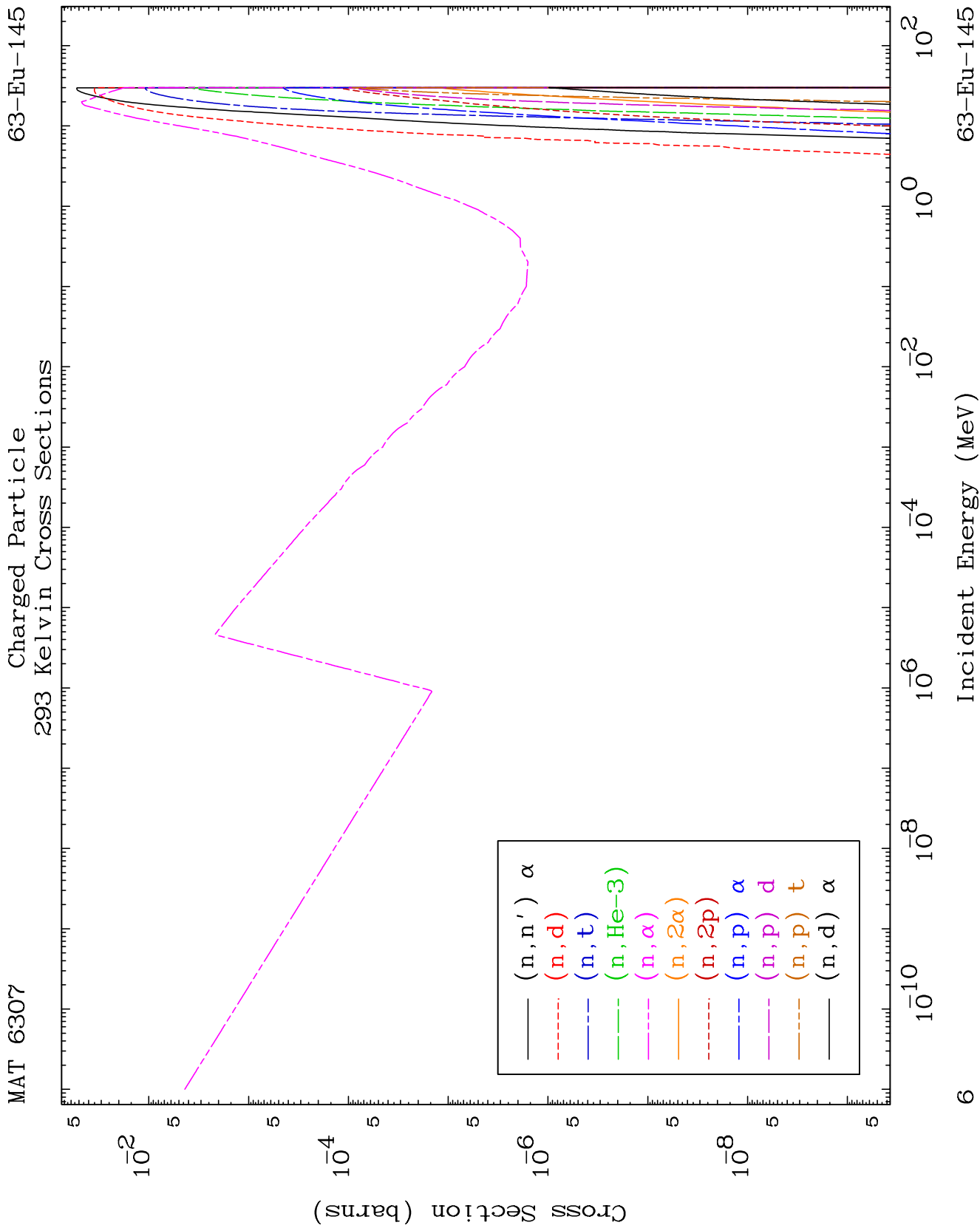


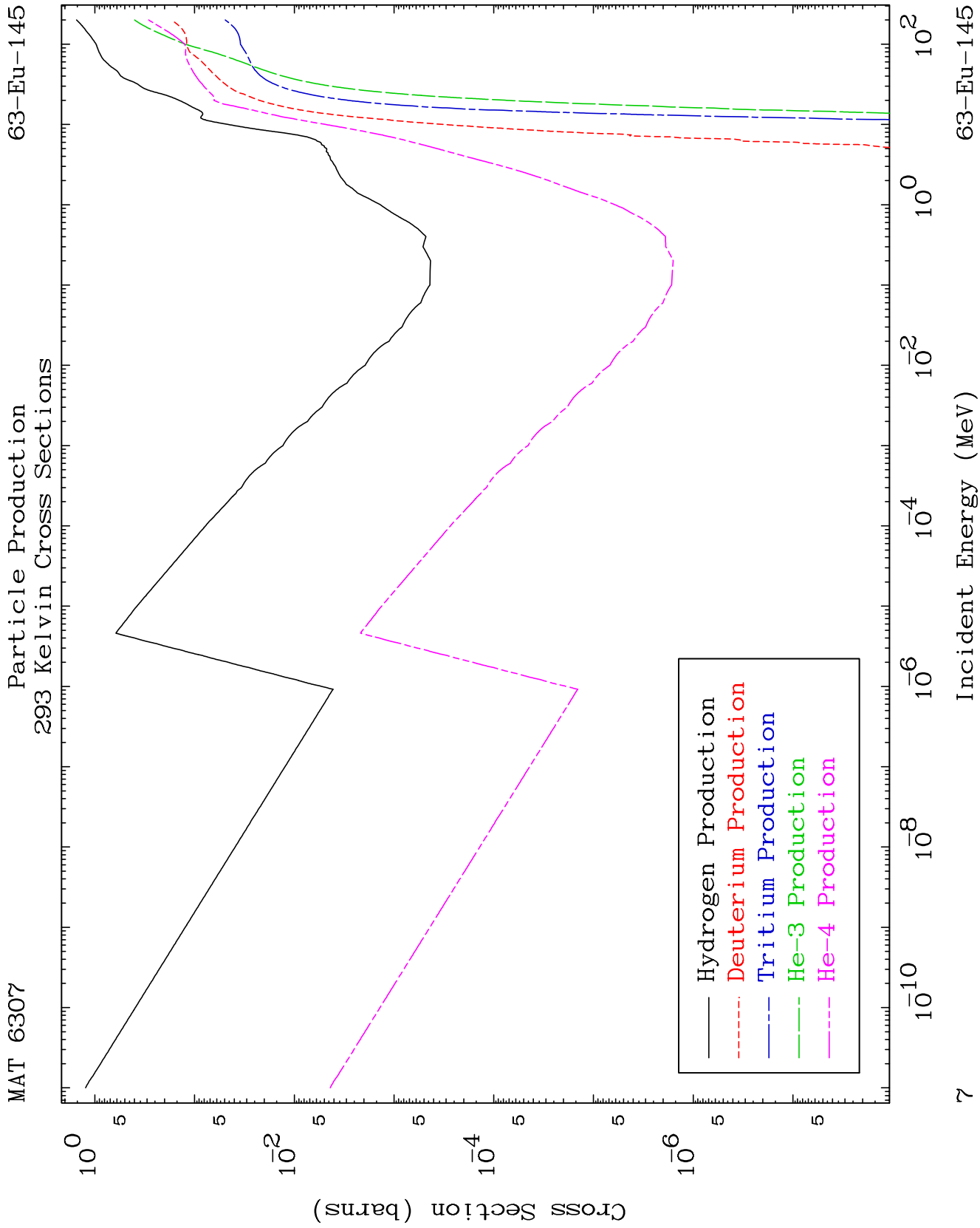


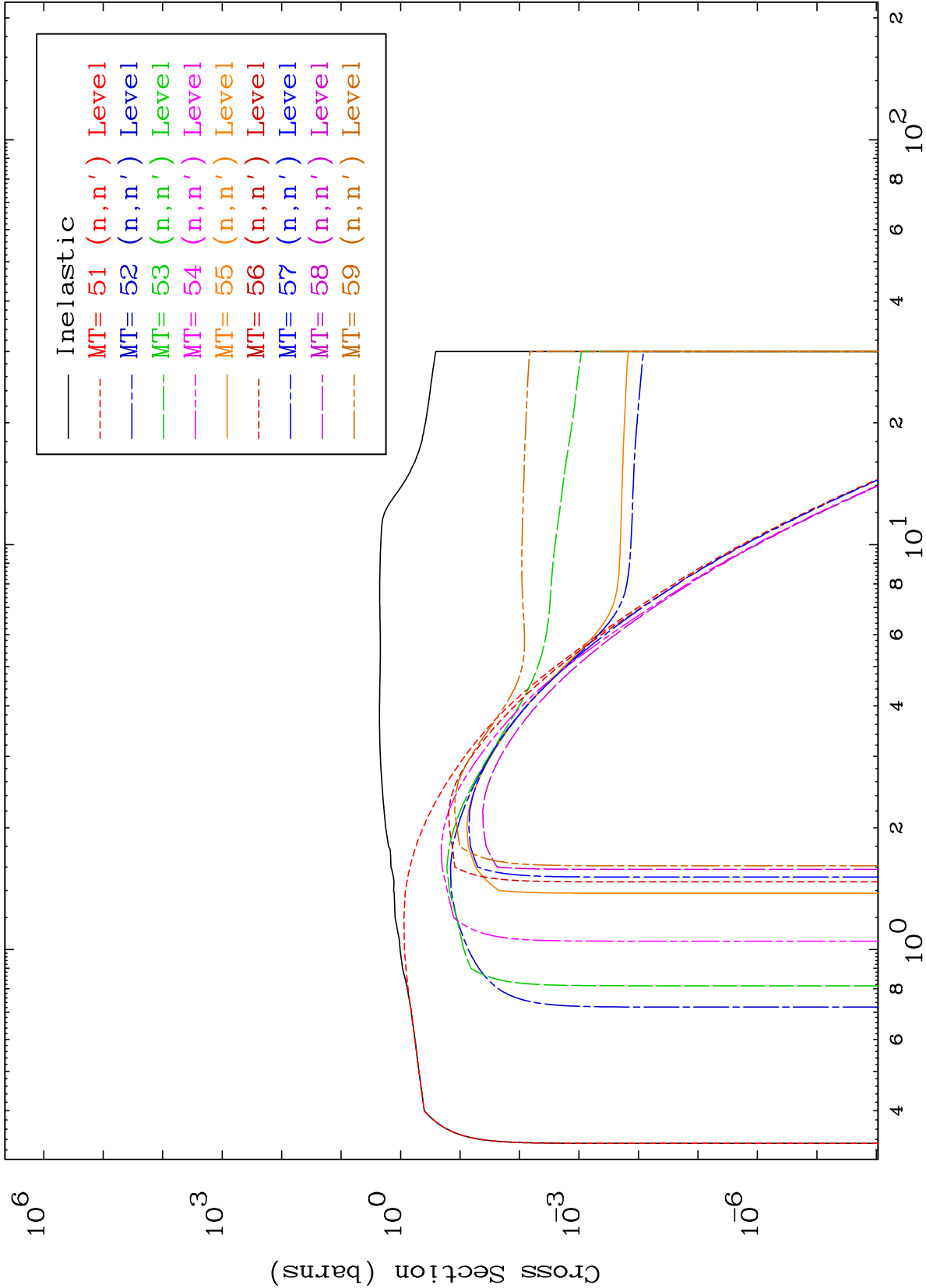




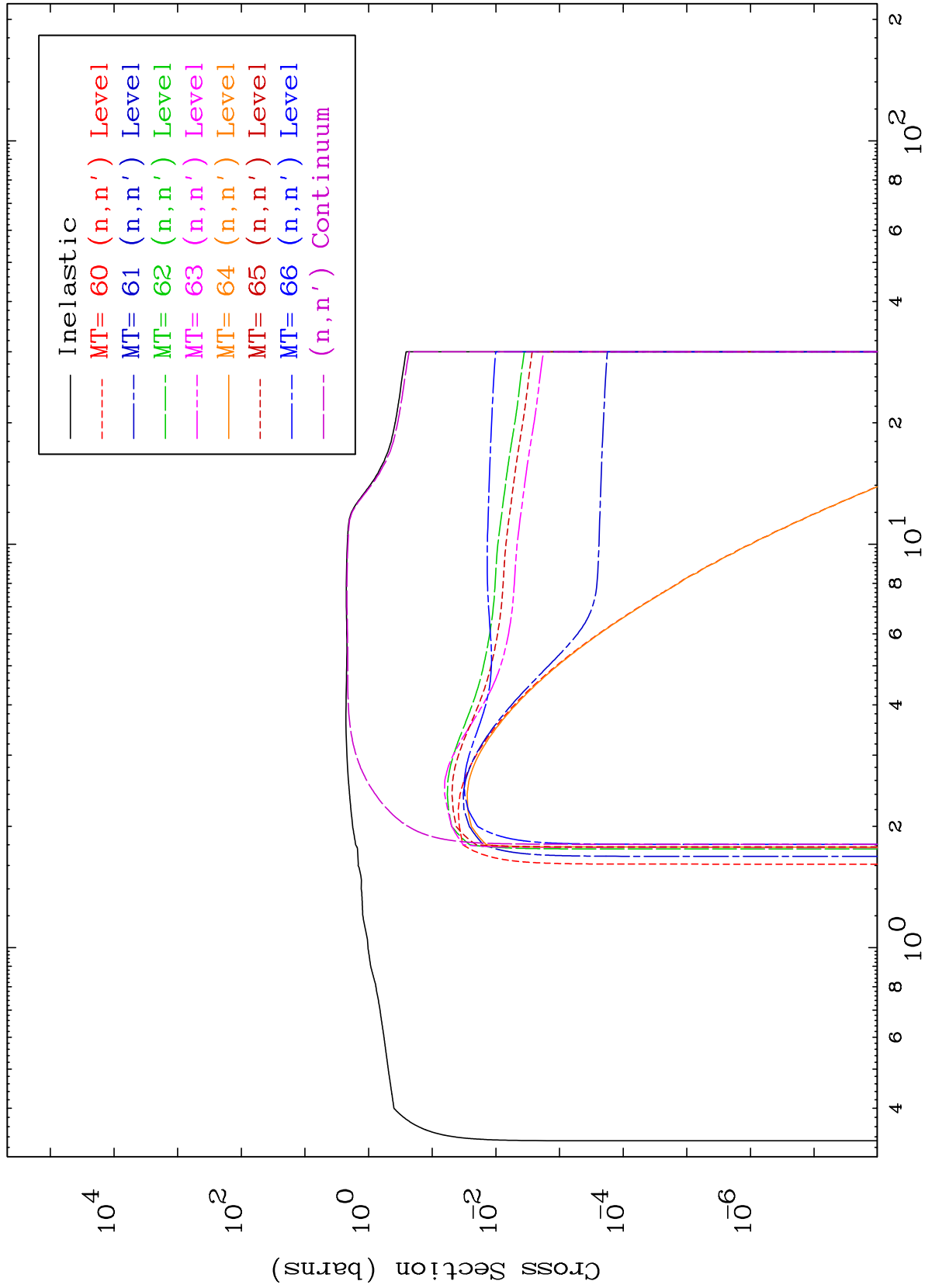


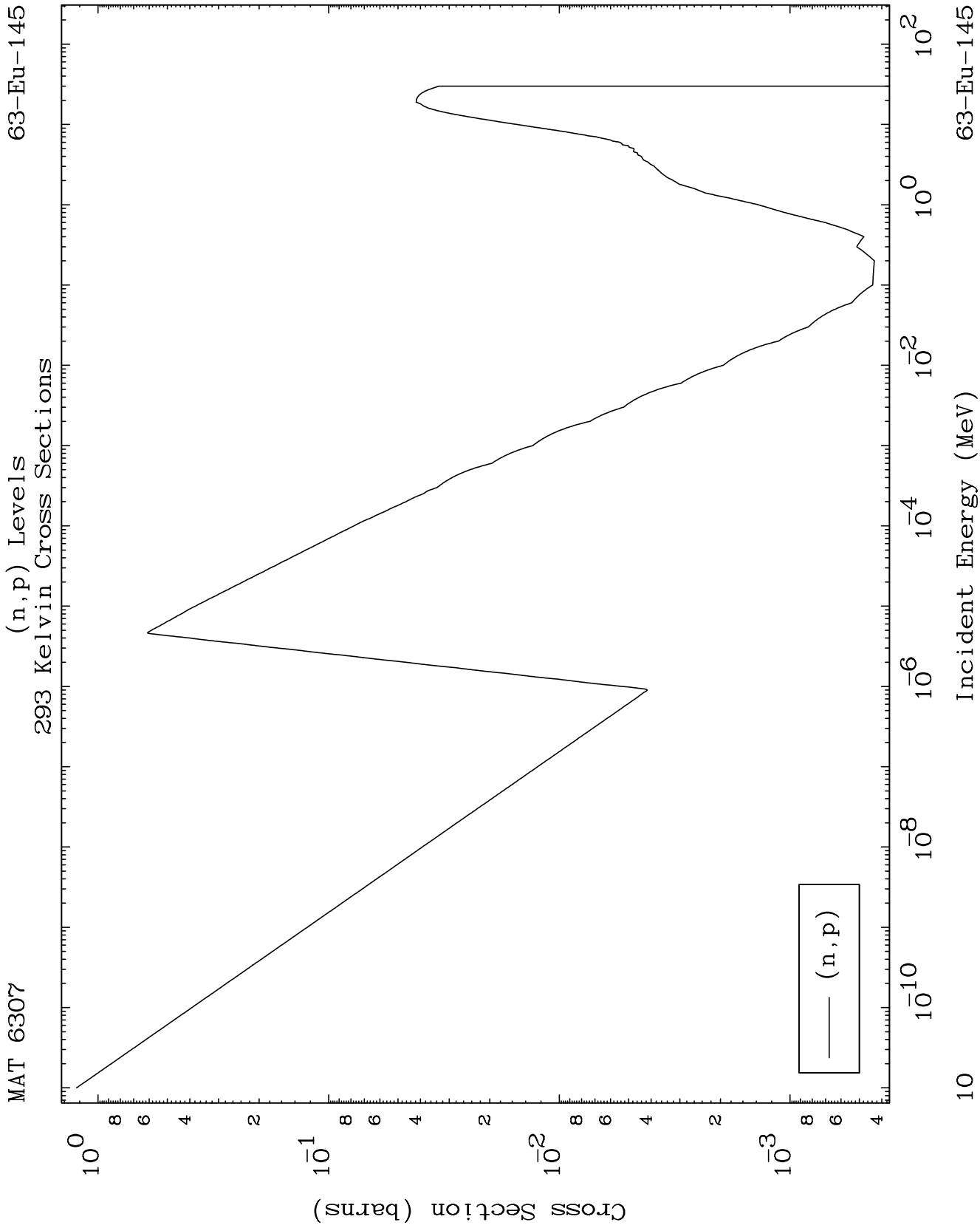






(n,n') Levels
293 Kelvin Cross Sections

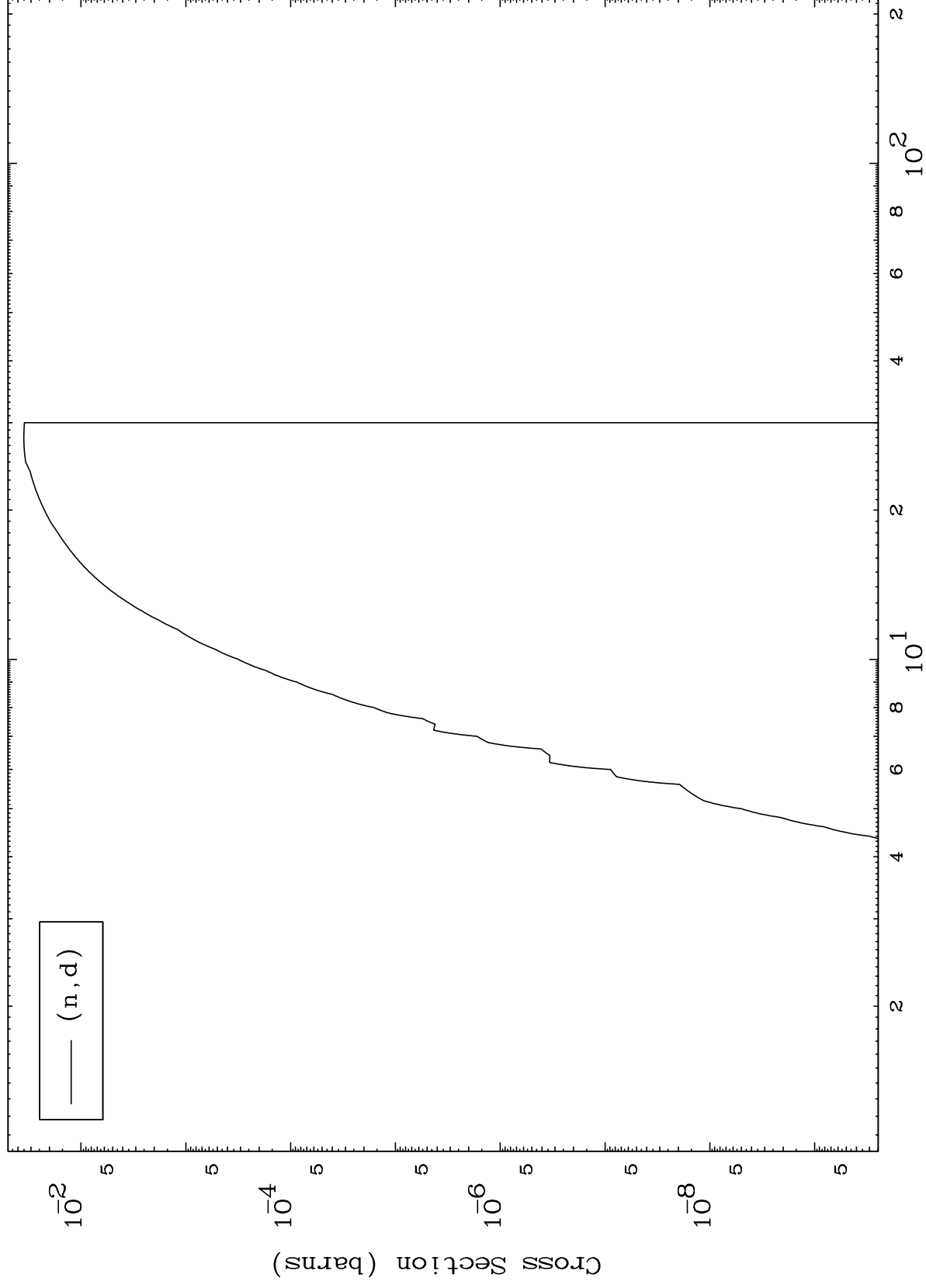


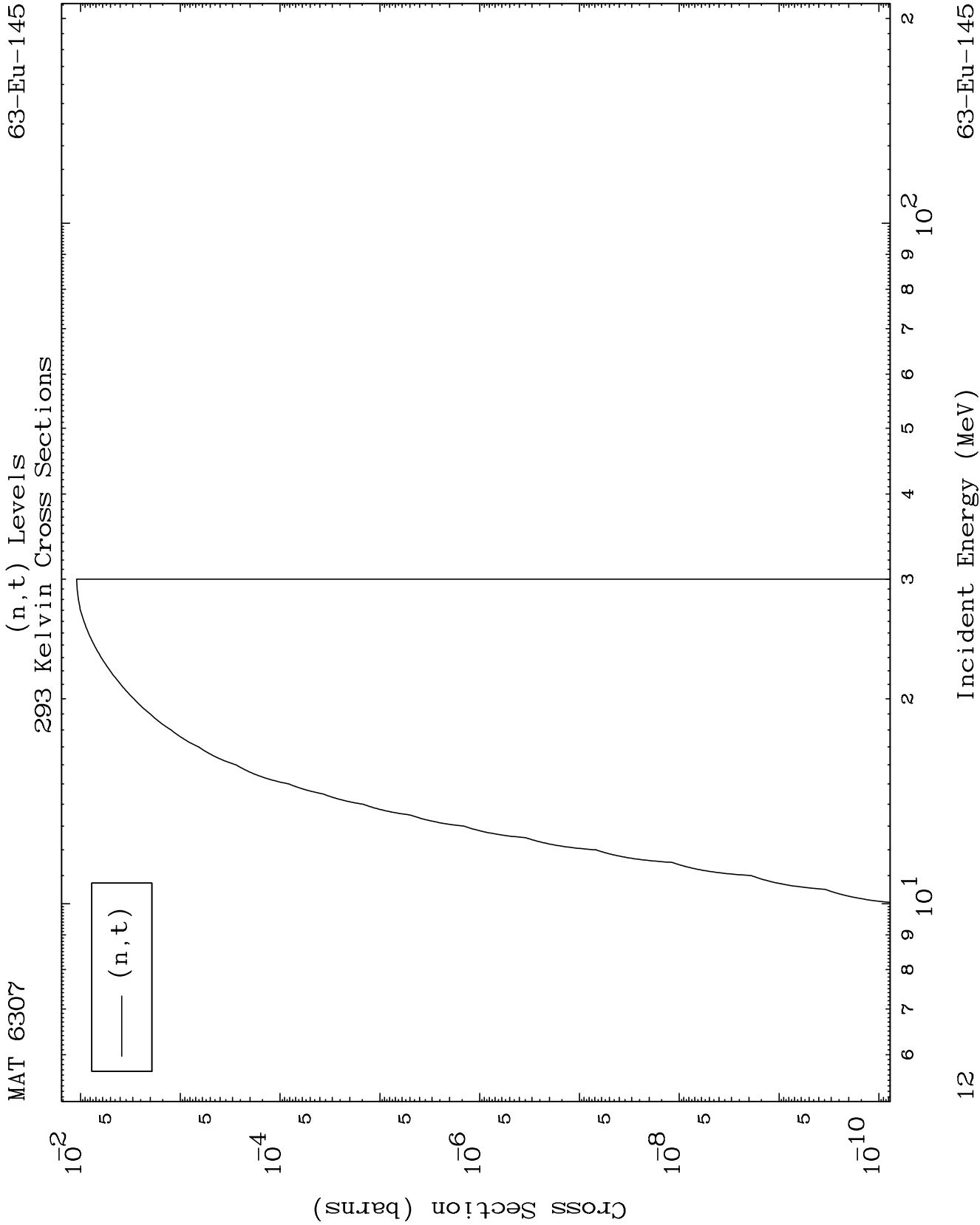


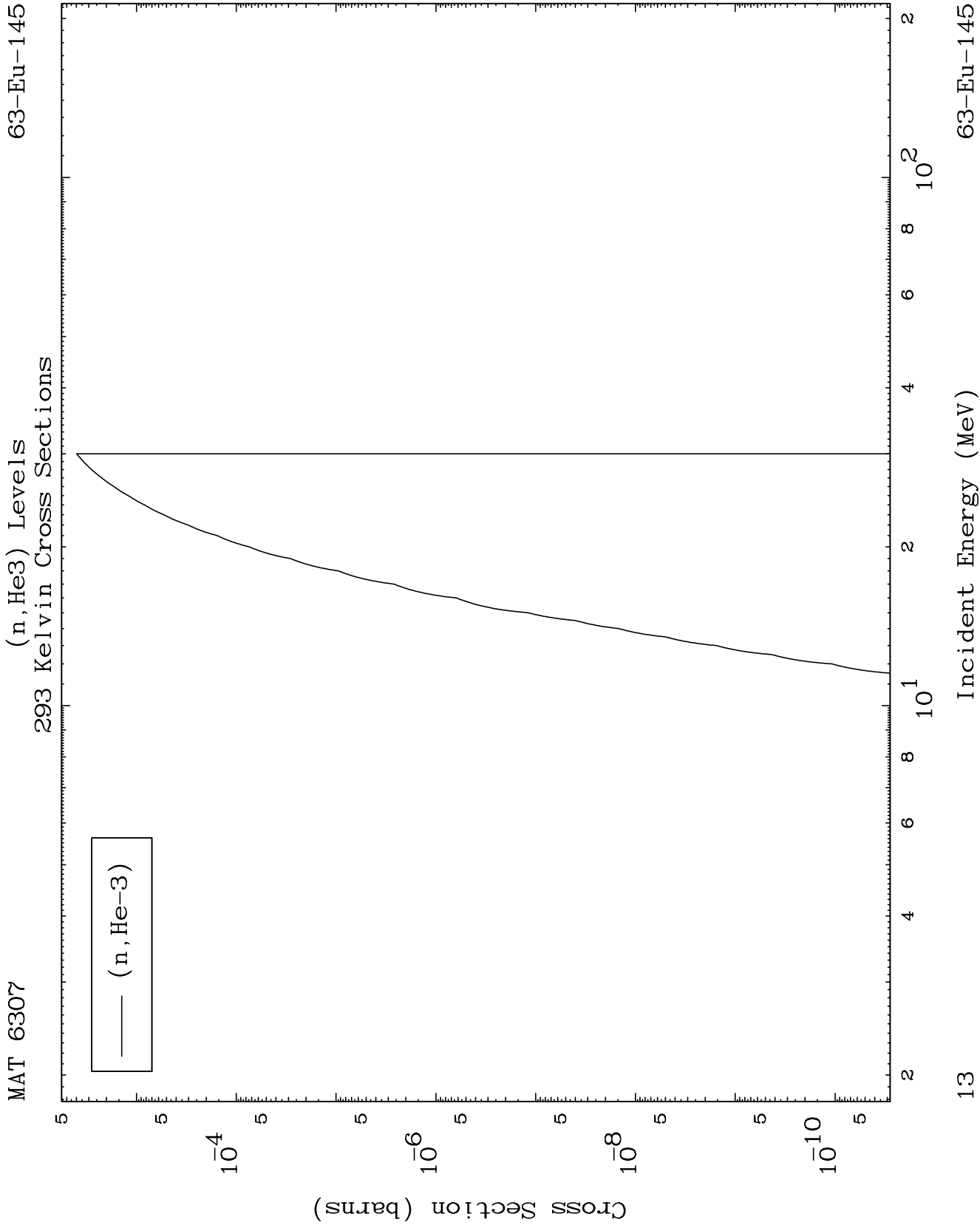
MAT 6307

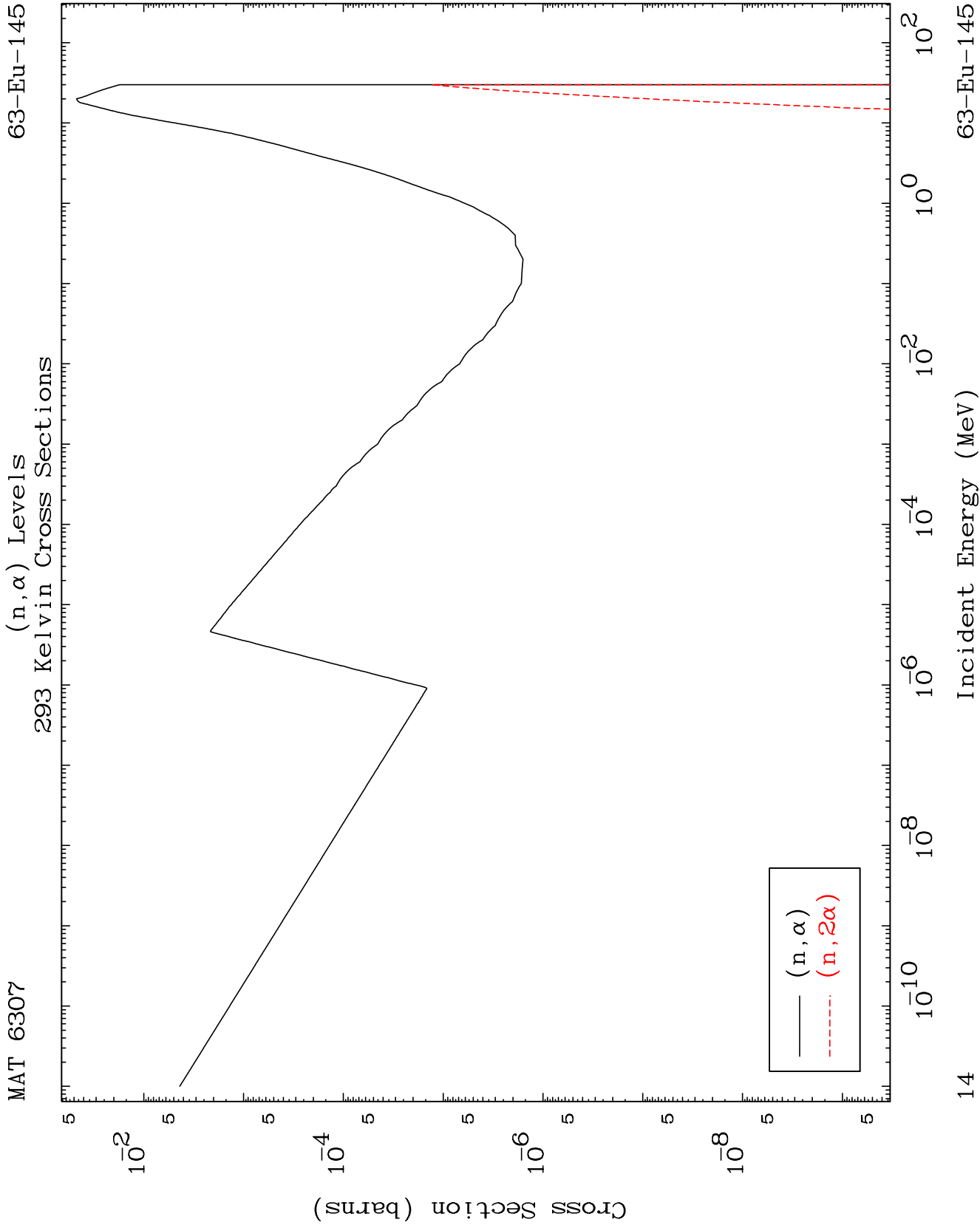
(n,d) Levels
293 Kelvin Cross Sections

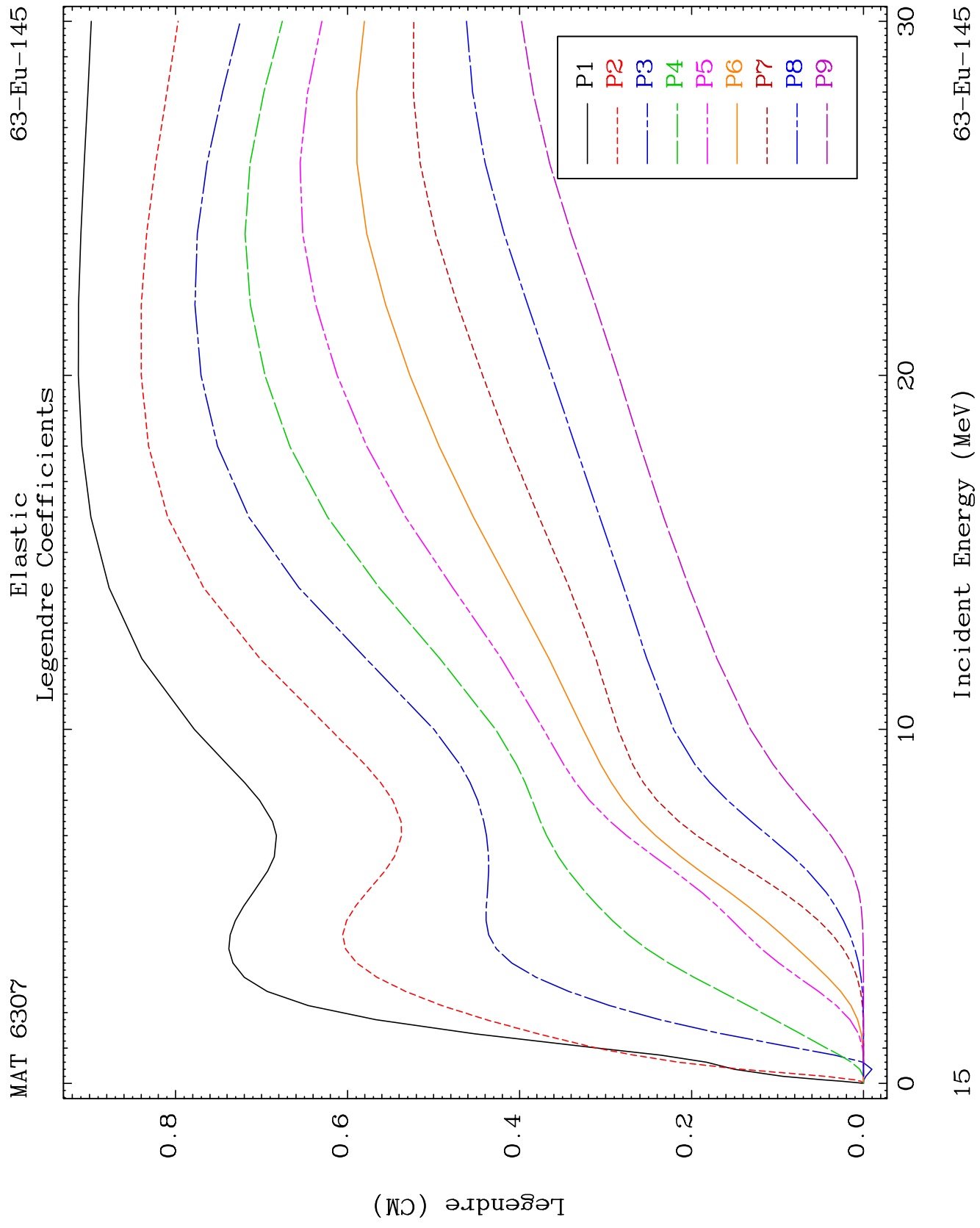
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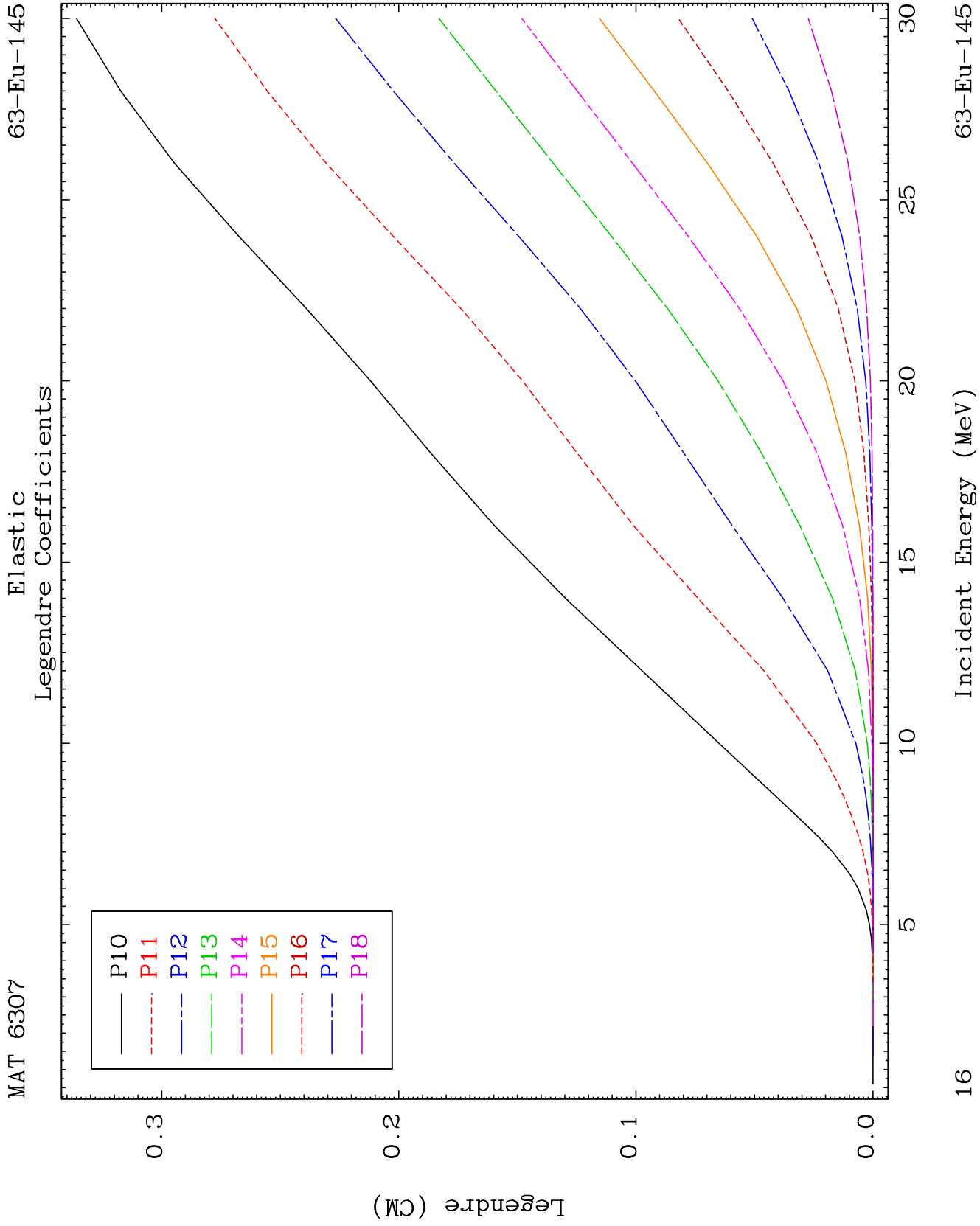


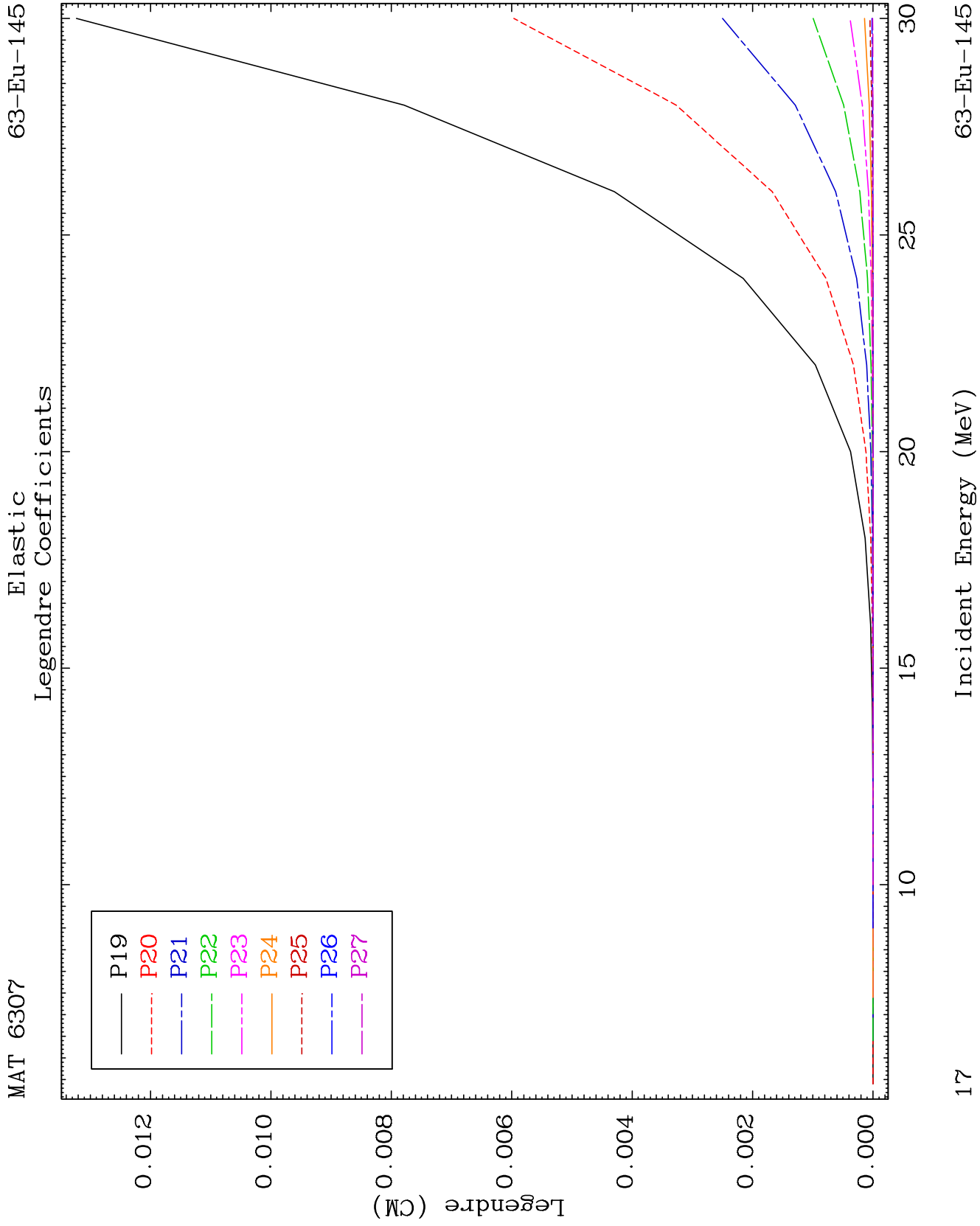


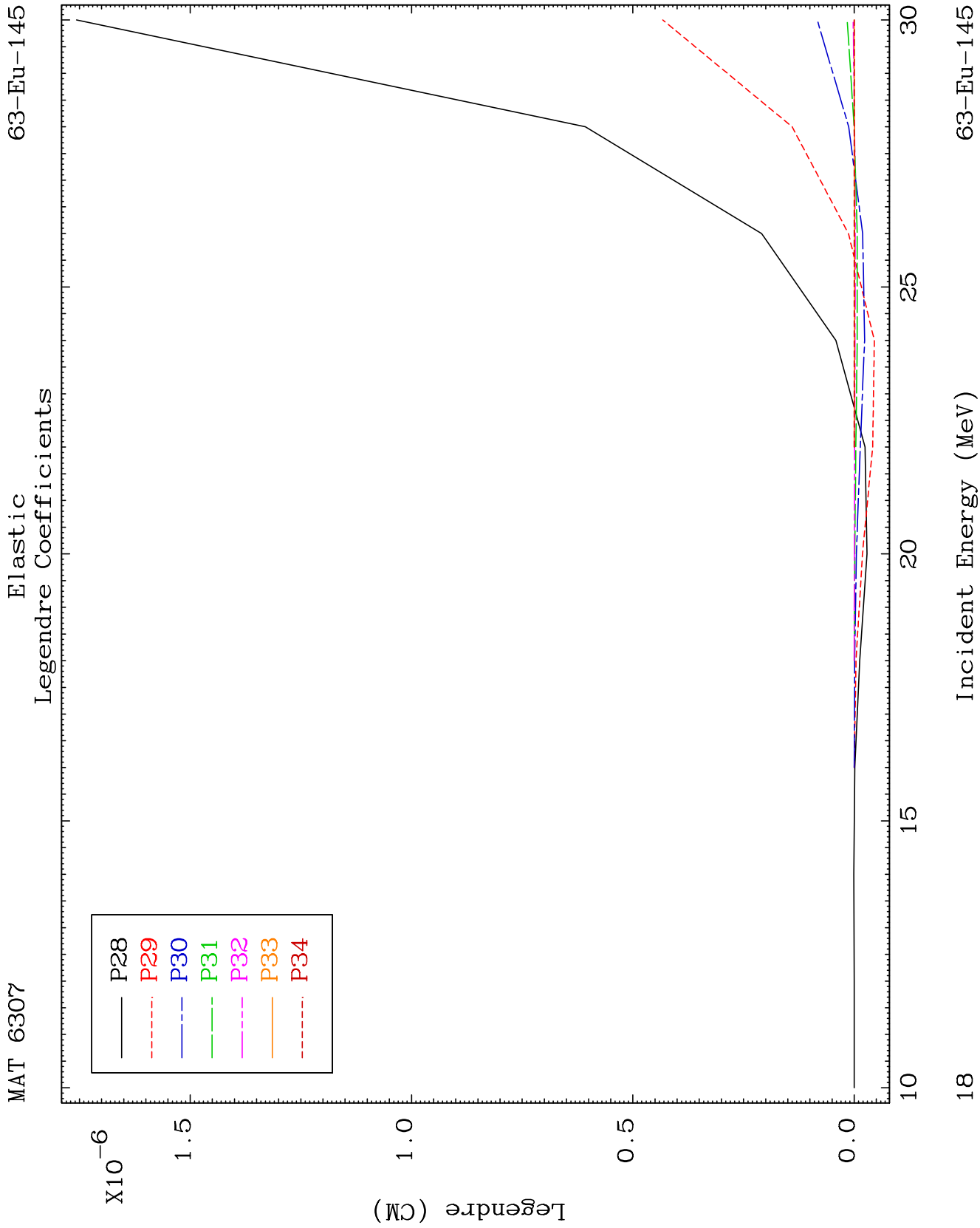


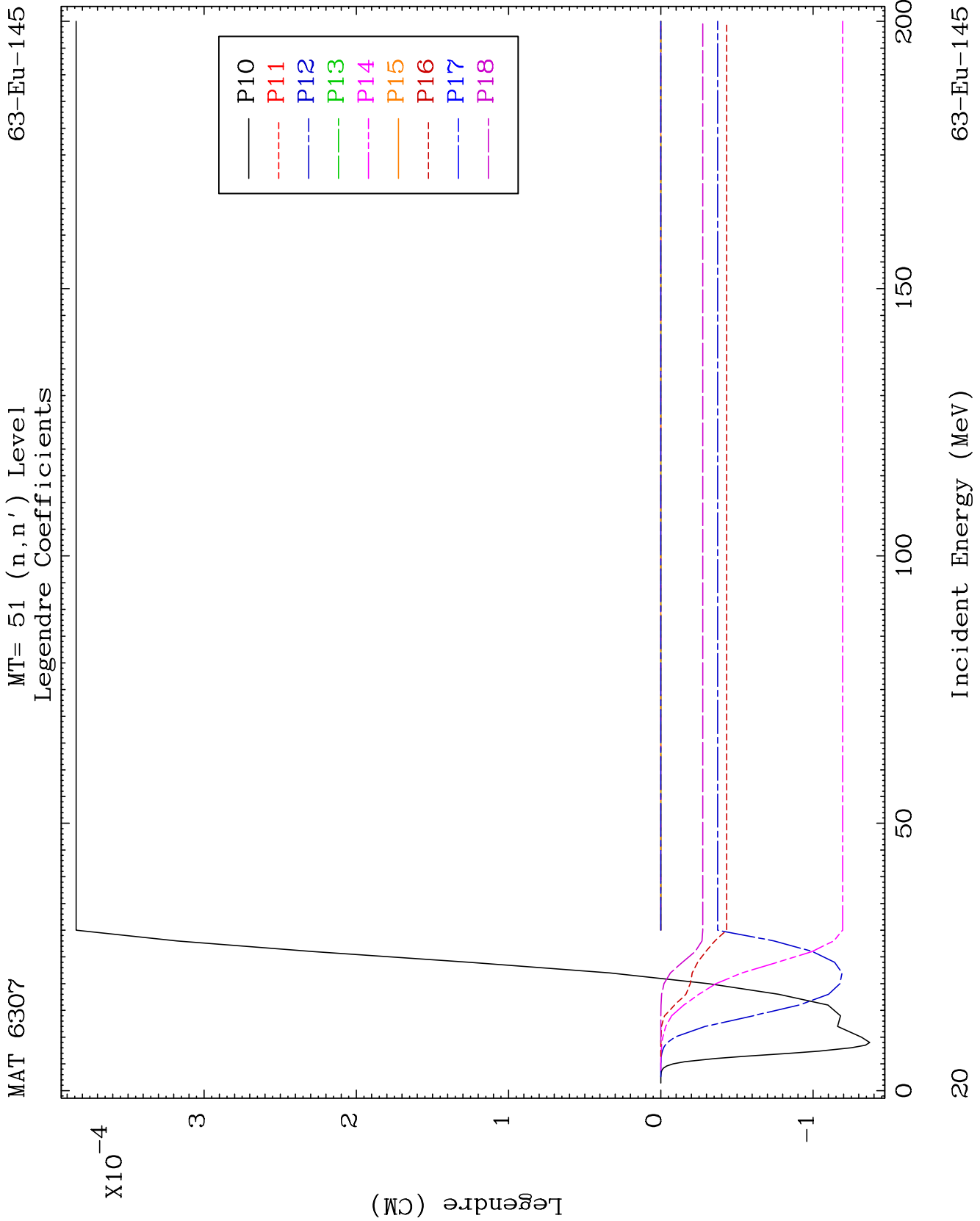


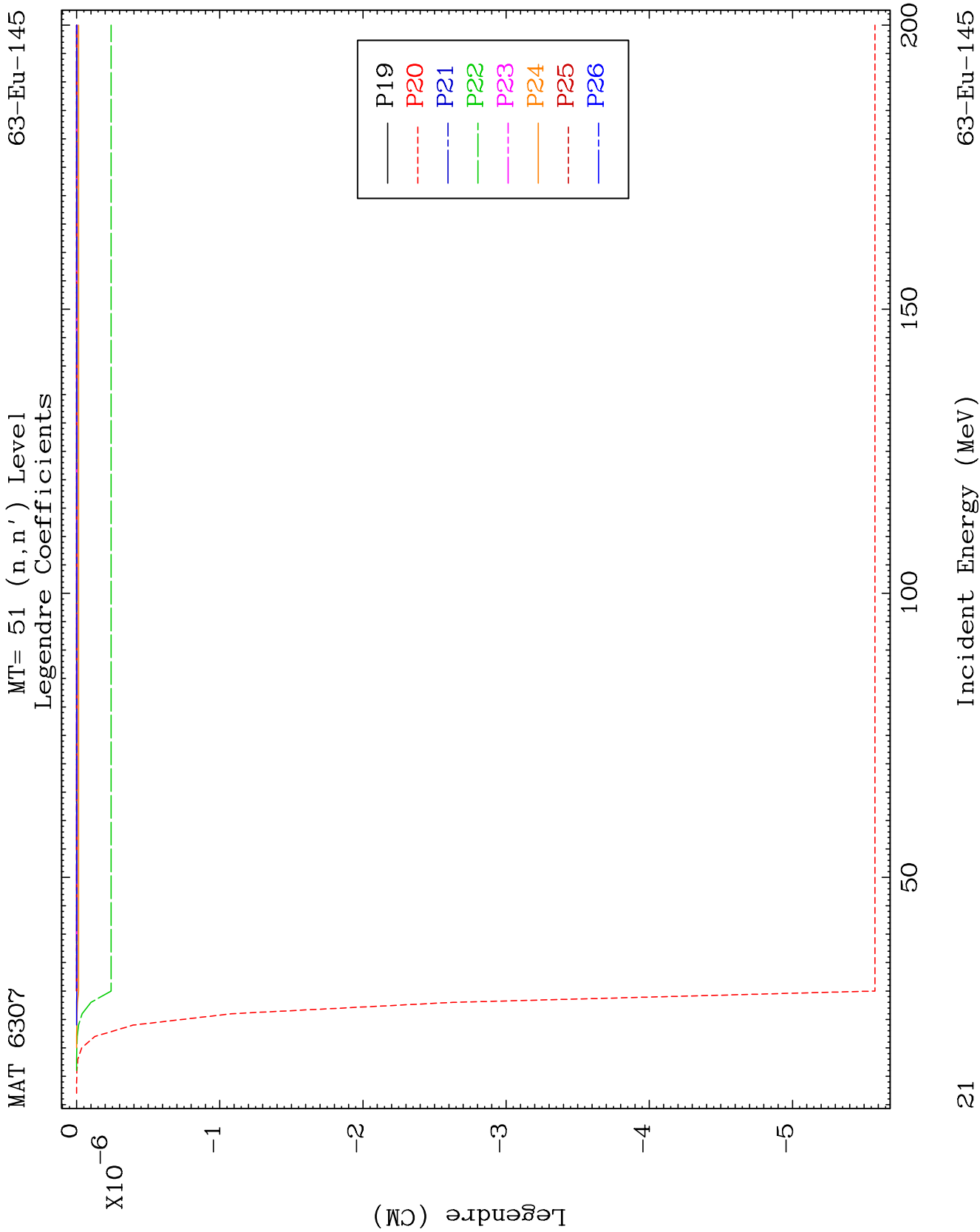








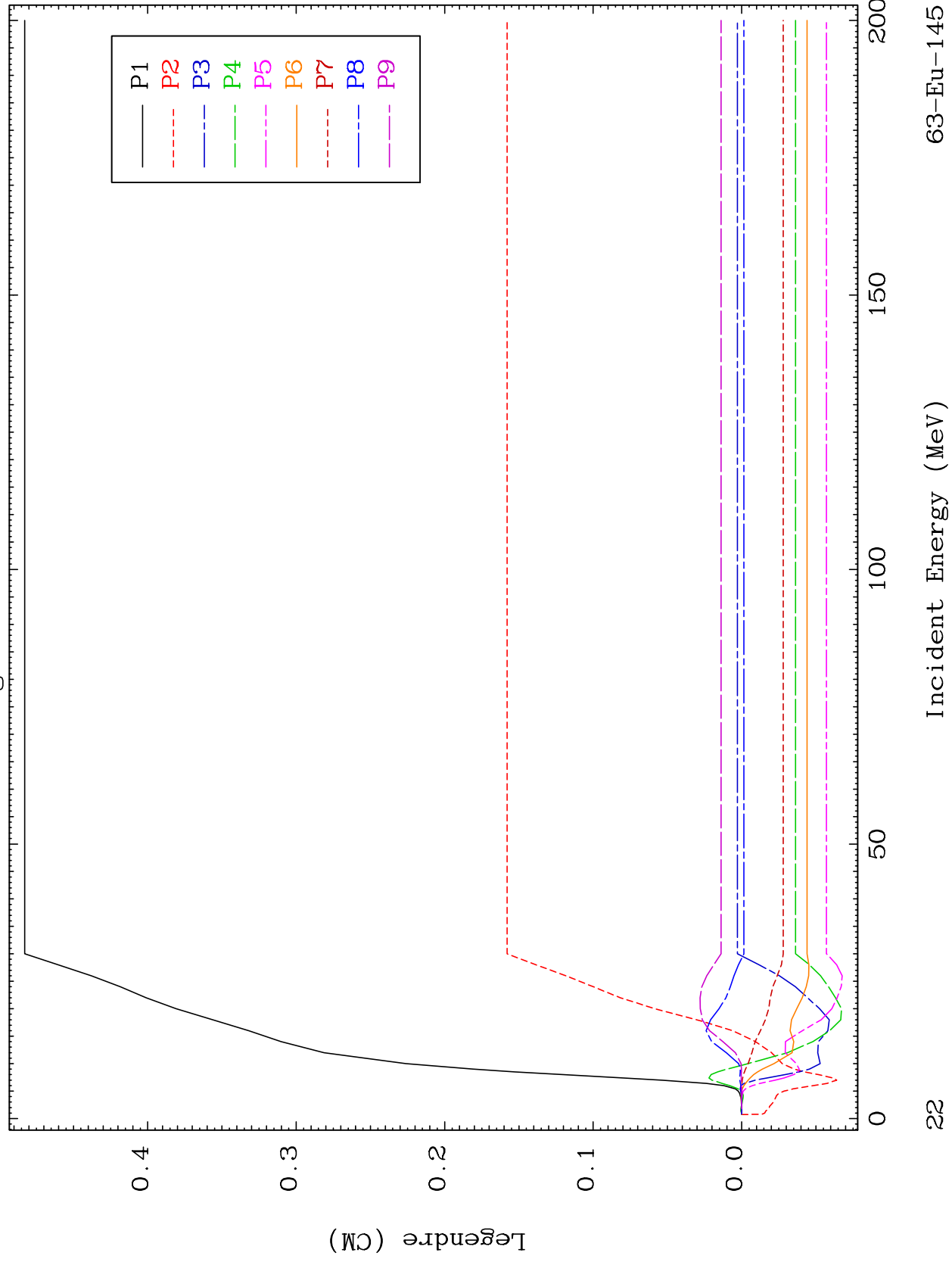




MAT 6307

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

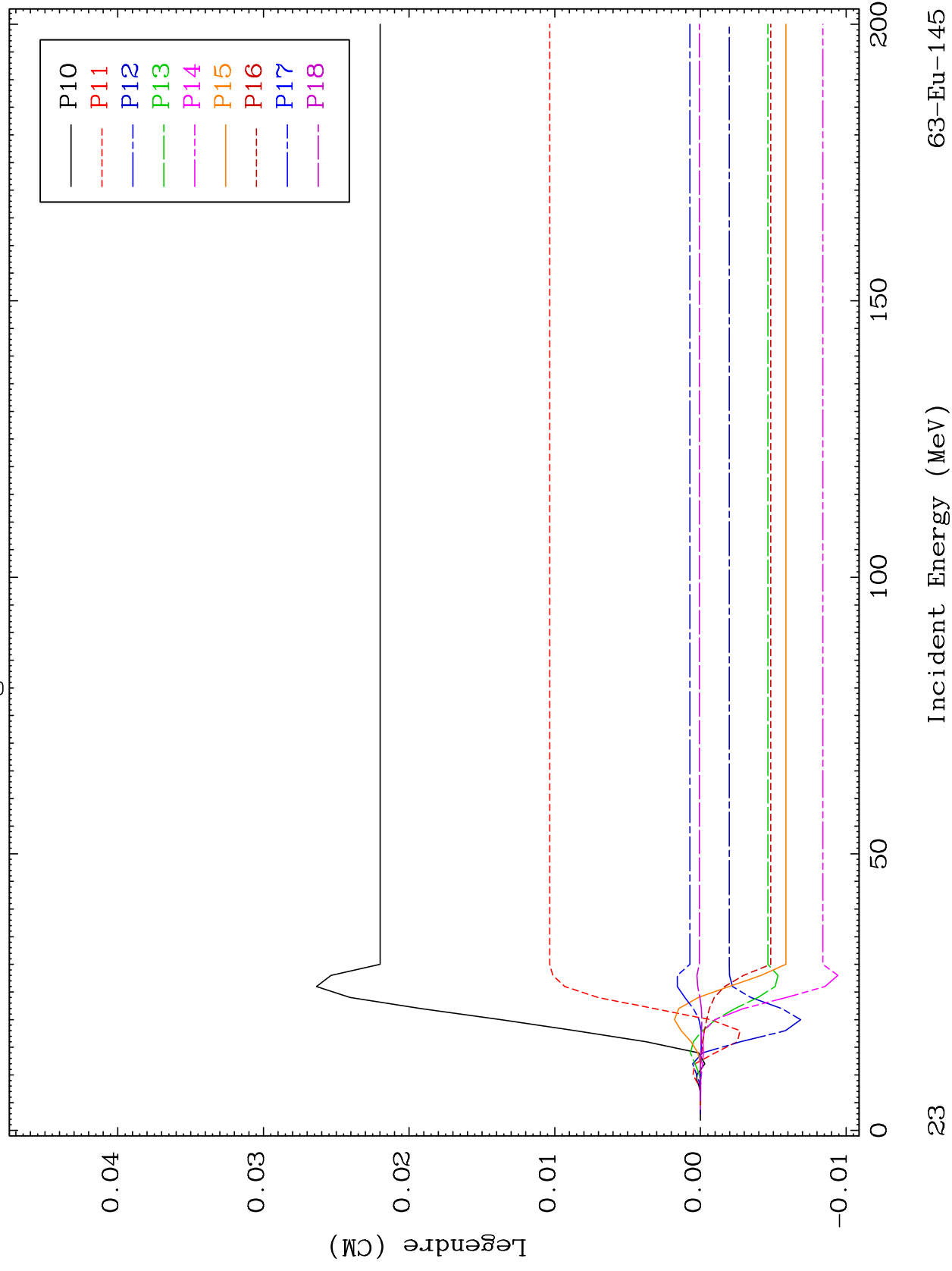
63-Eu-145

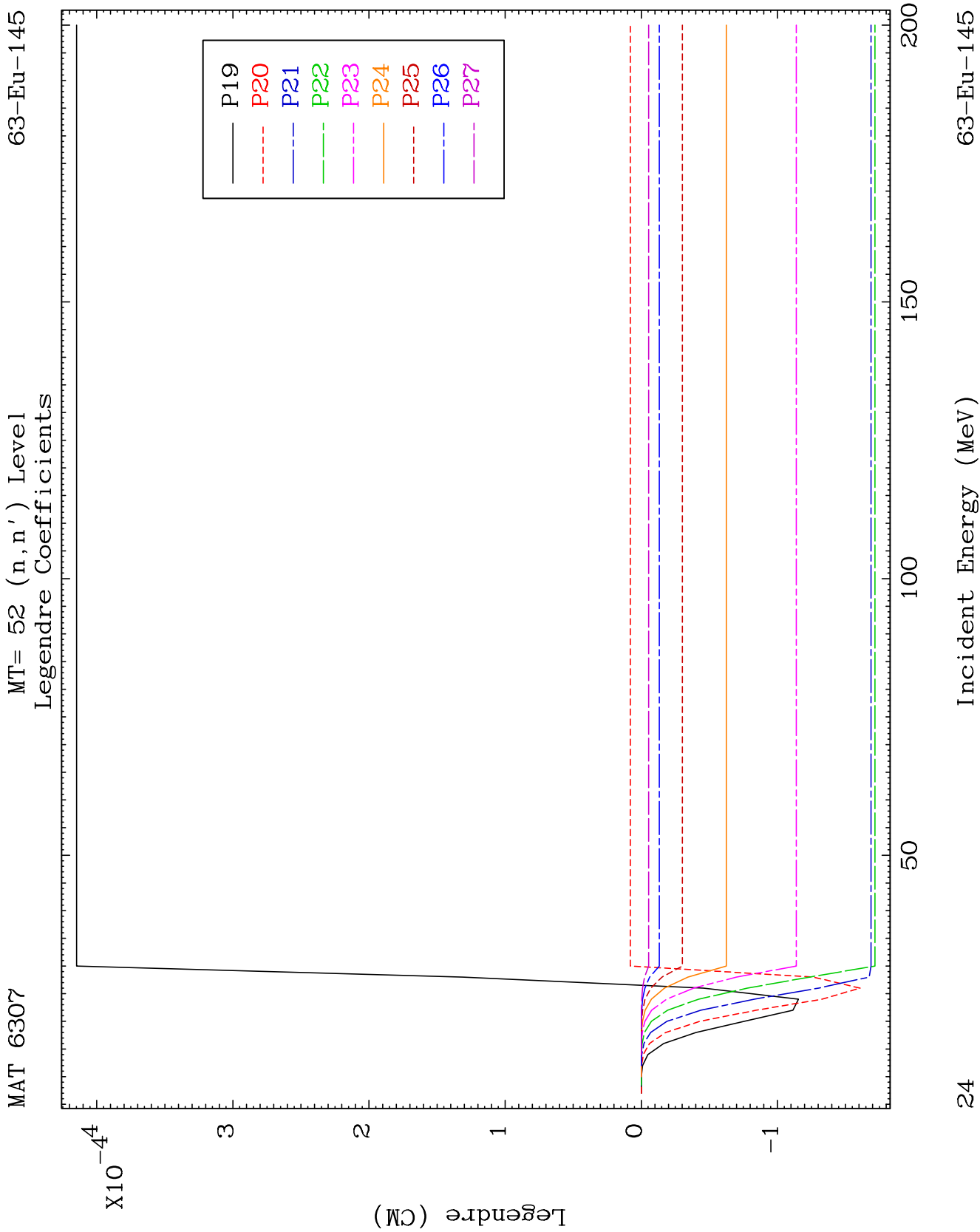


MAT 6307

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

63-Eu-145

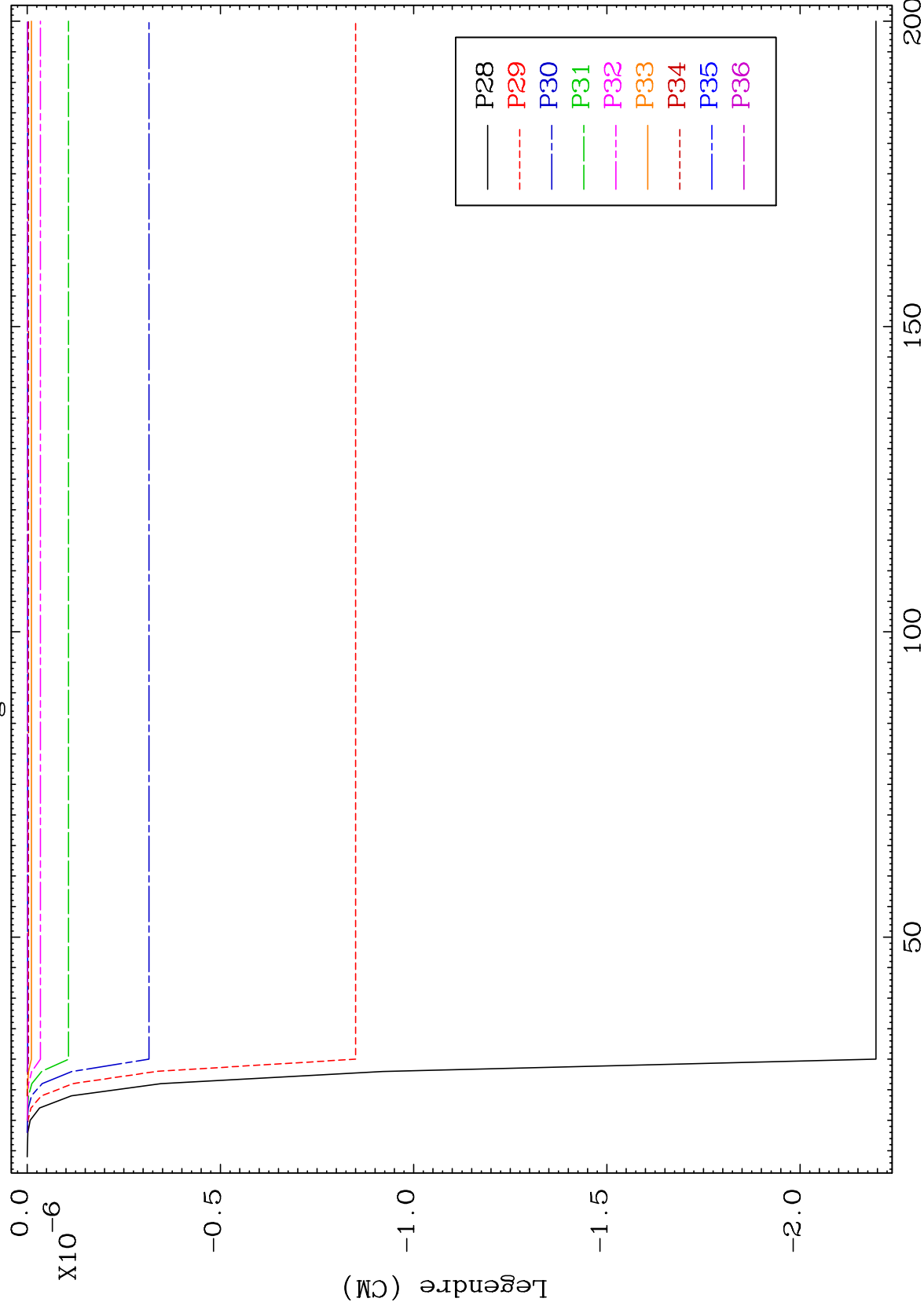




MAT 6307

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

63-Eu-145



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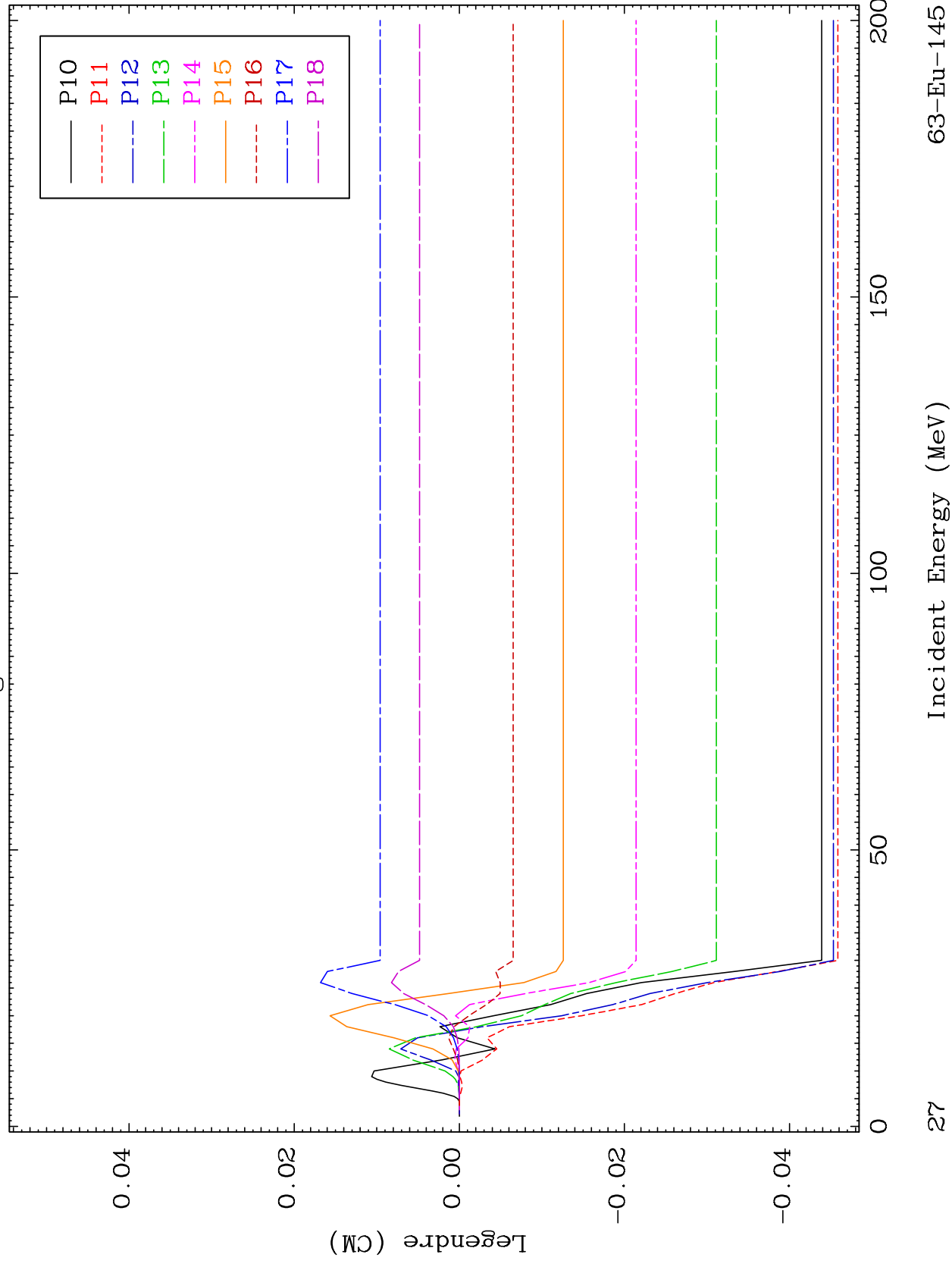
Incident Energy (MeV)

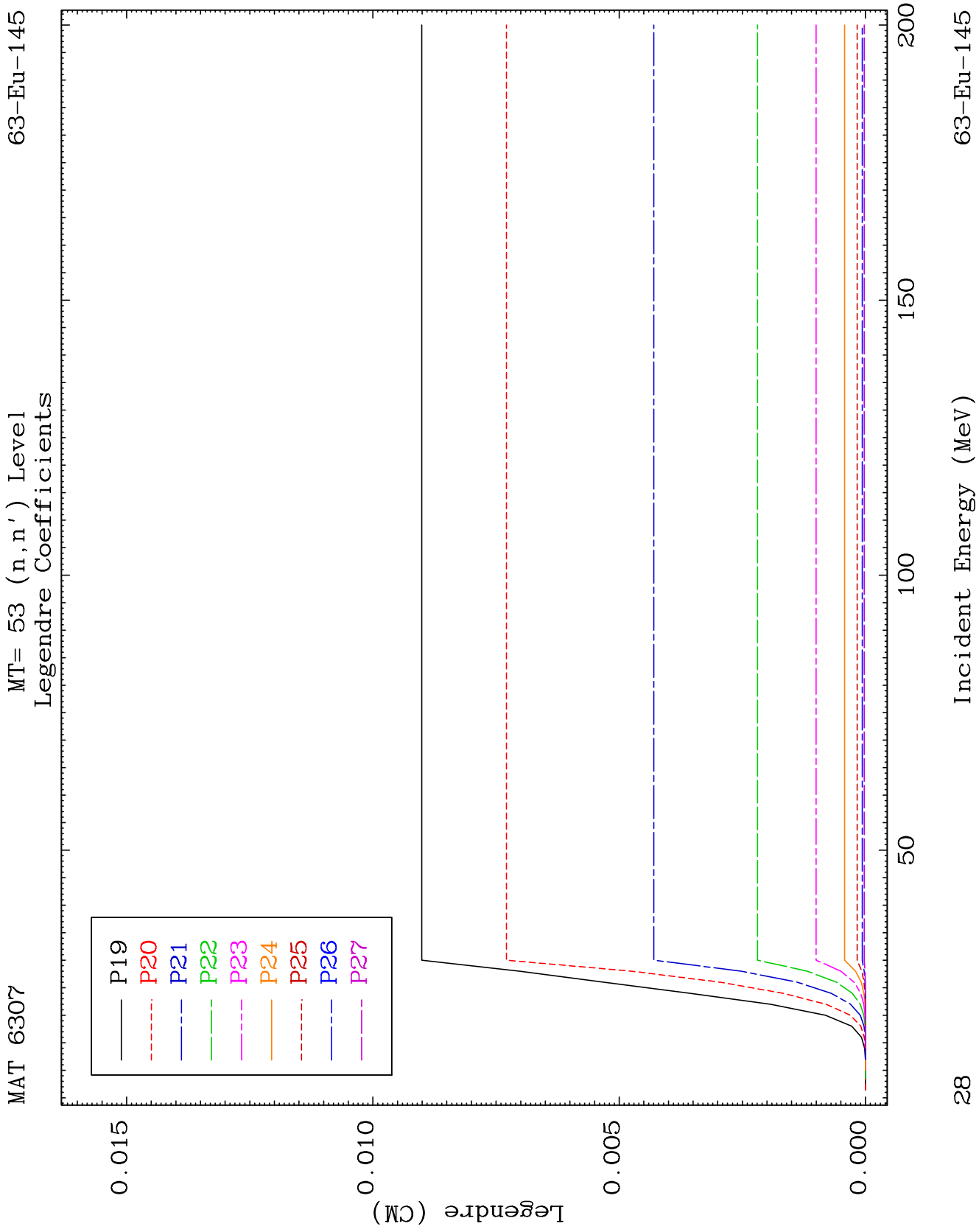
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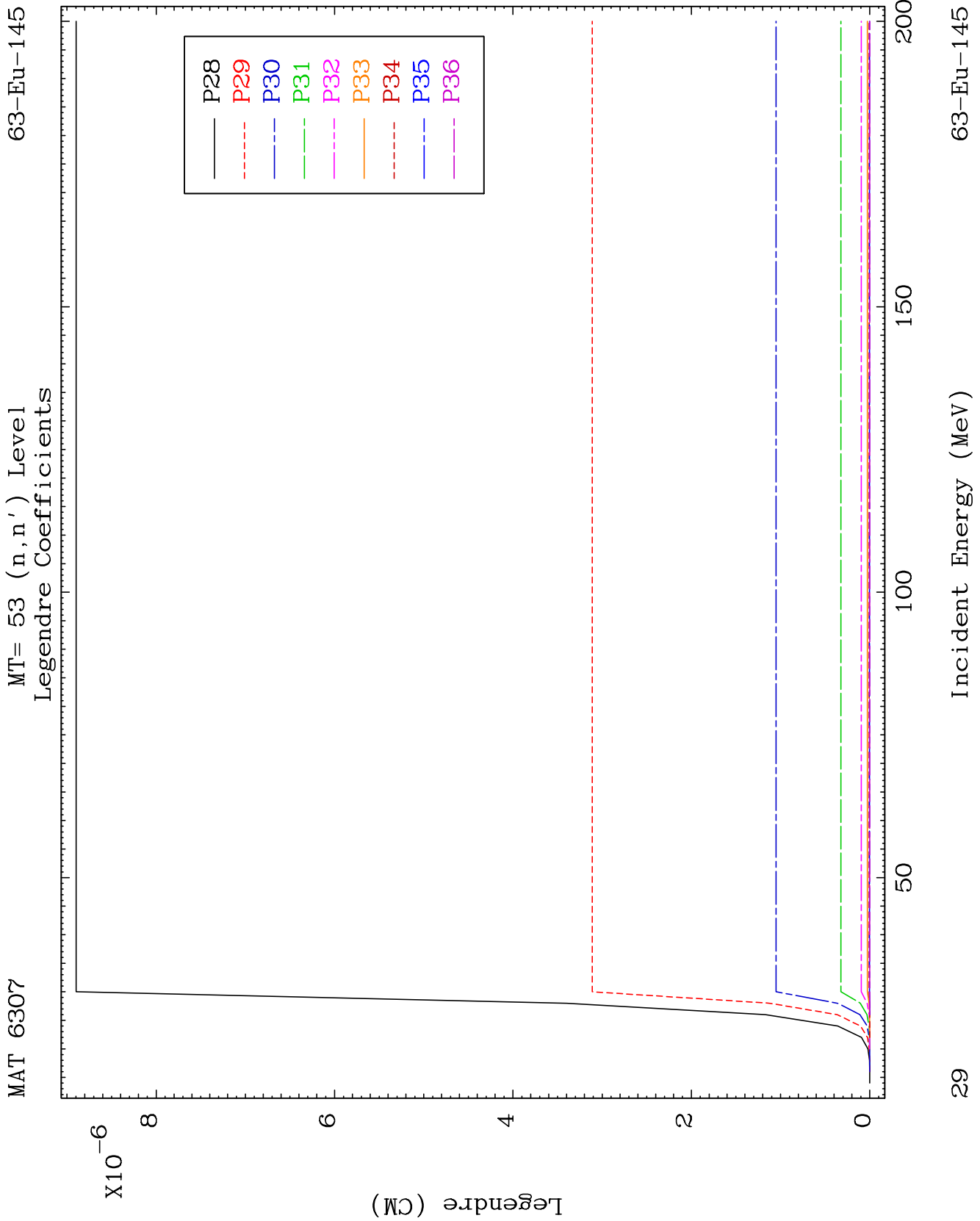
MAT 6307

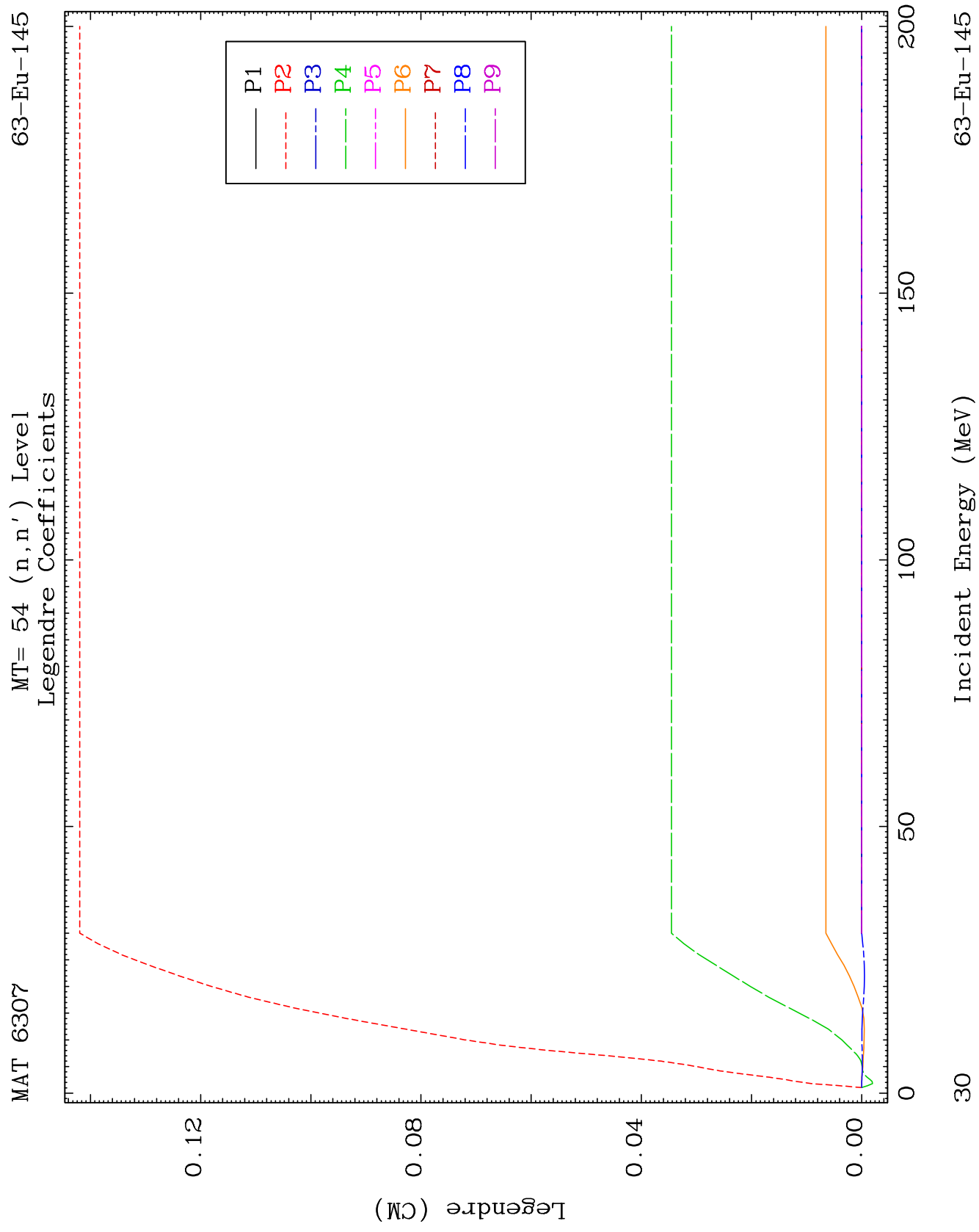
MT= 53 (n, n') Level
Legendre Coefficients

63-Eu-145





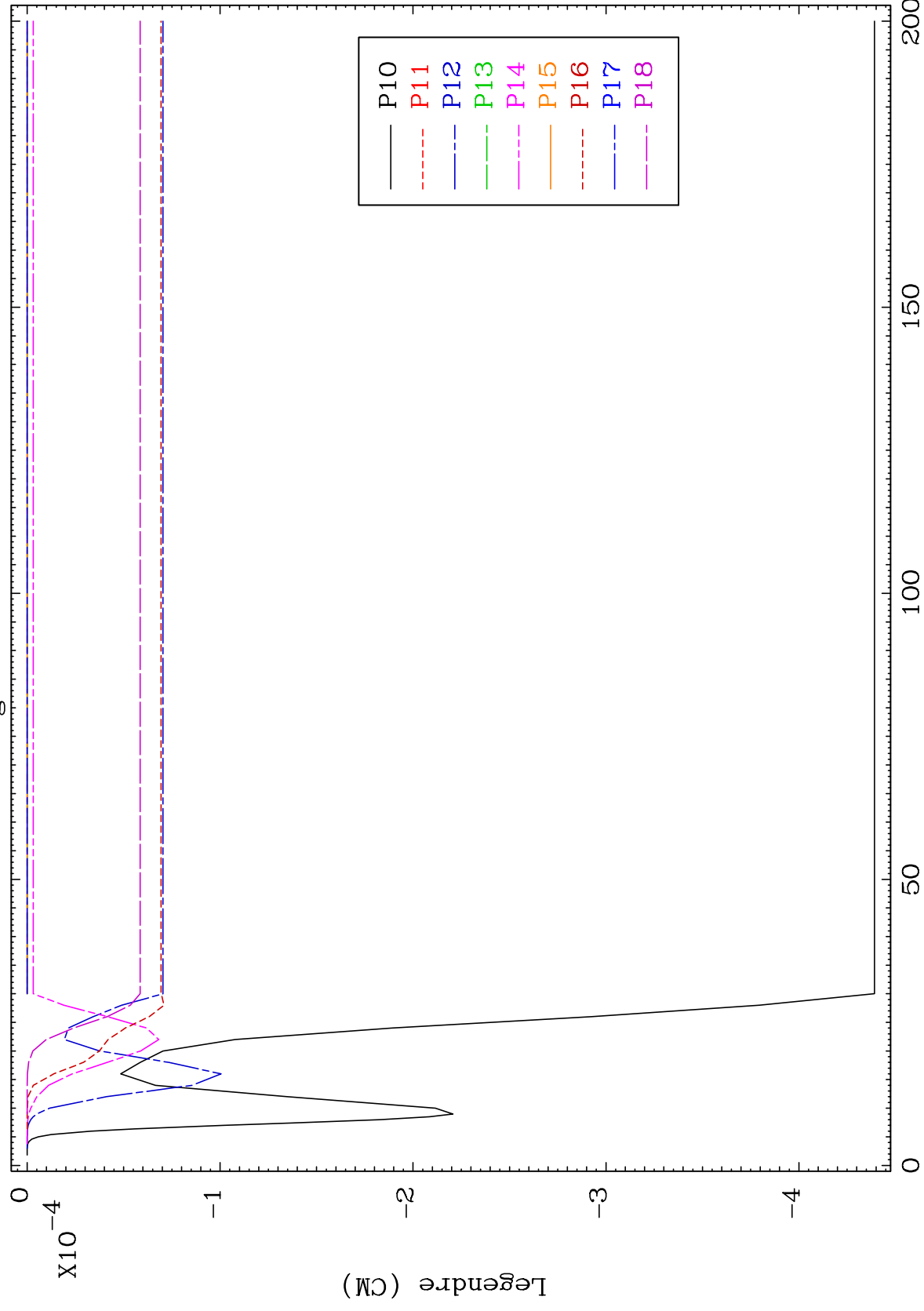




MAT 6307

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

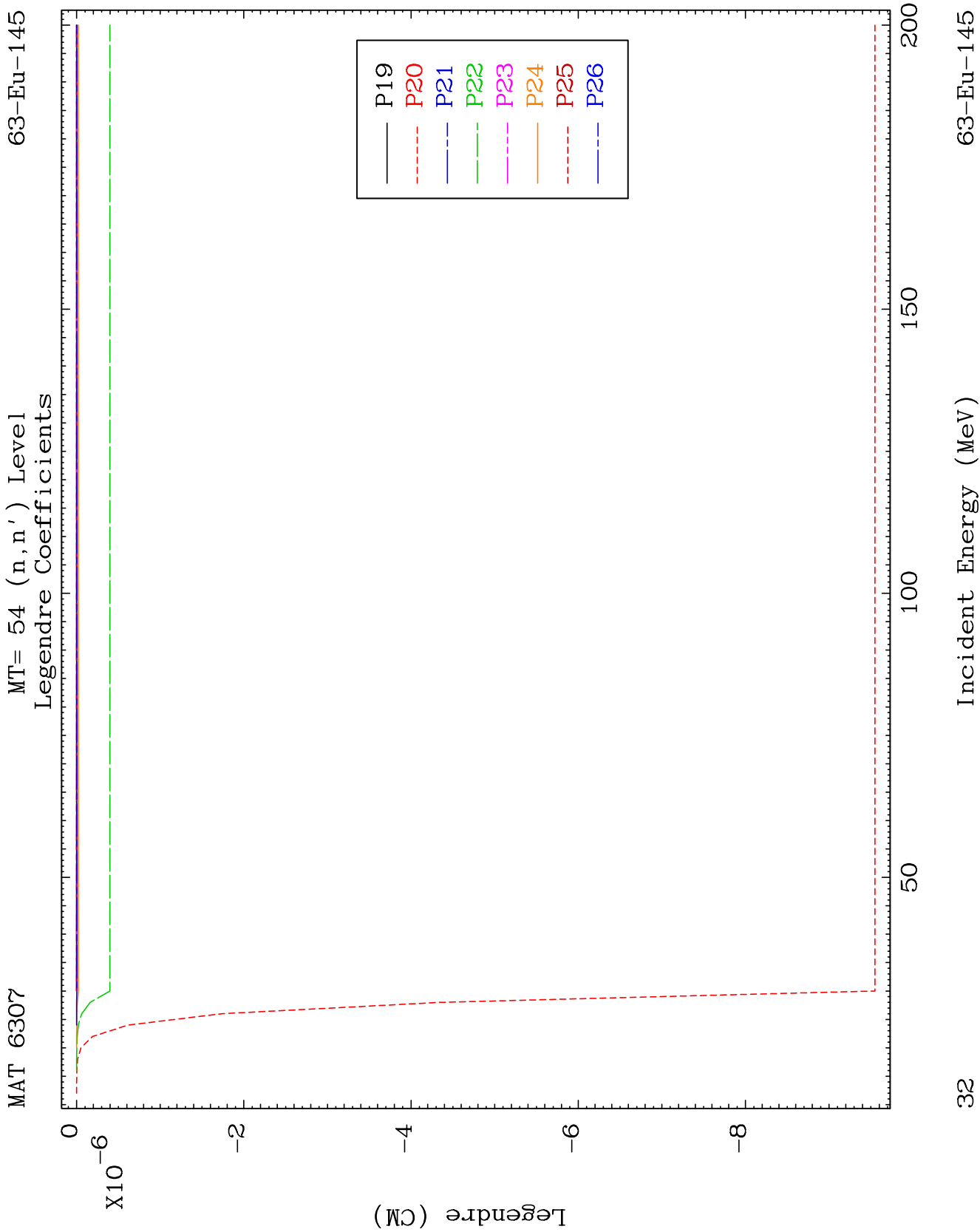
63-Eu-145



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Incident Energy (MeV)

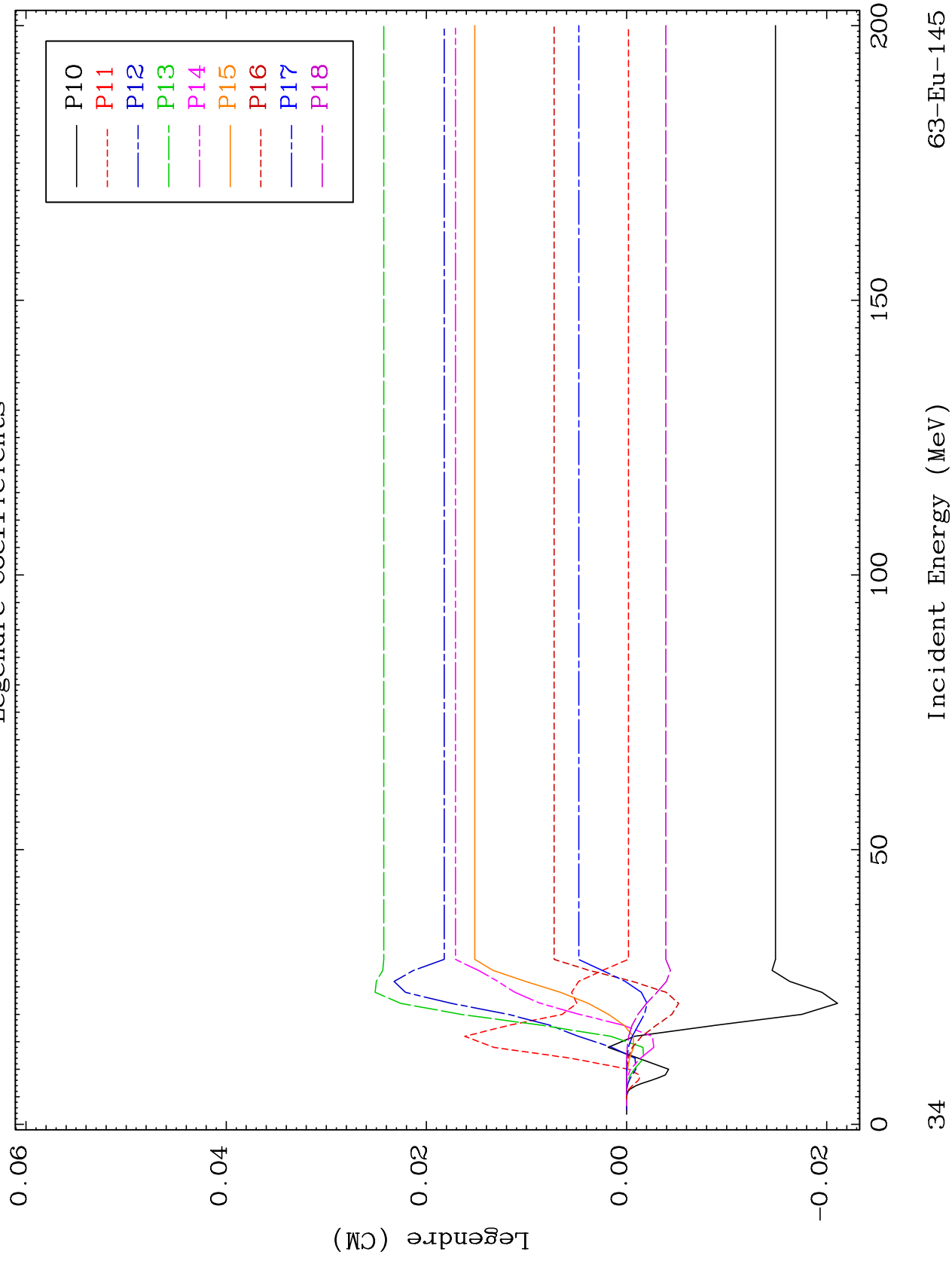
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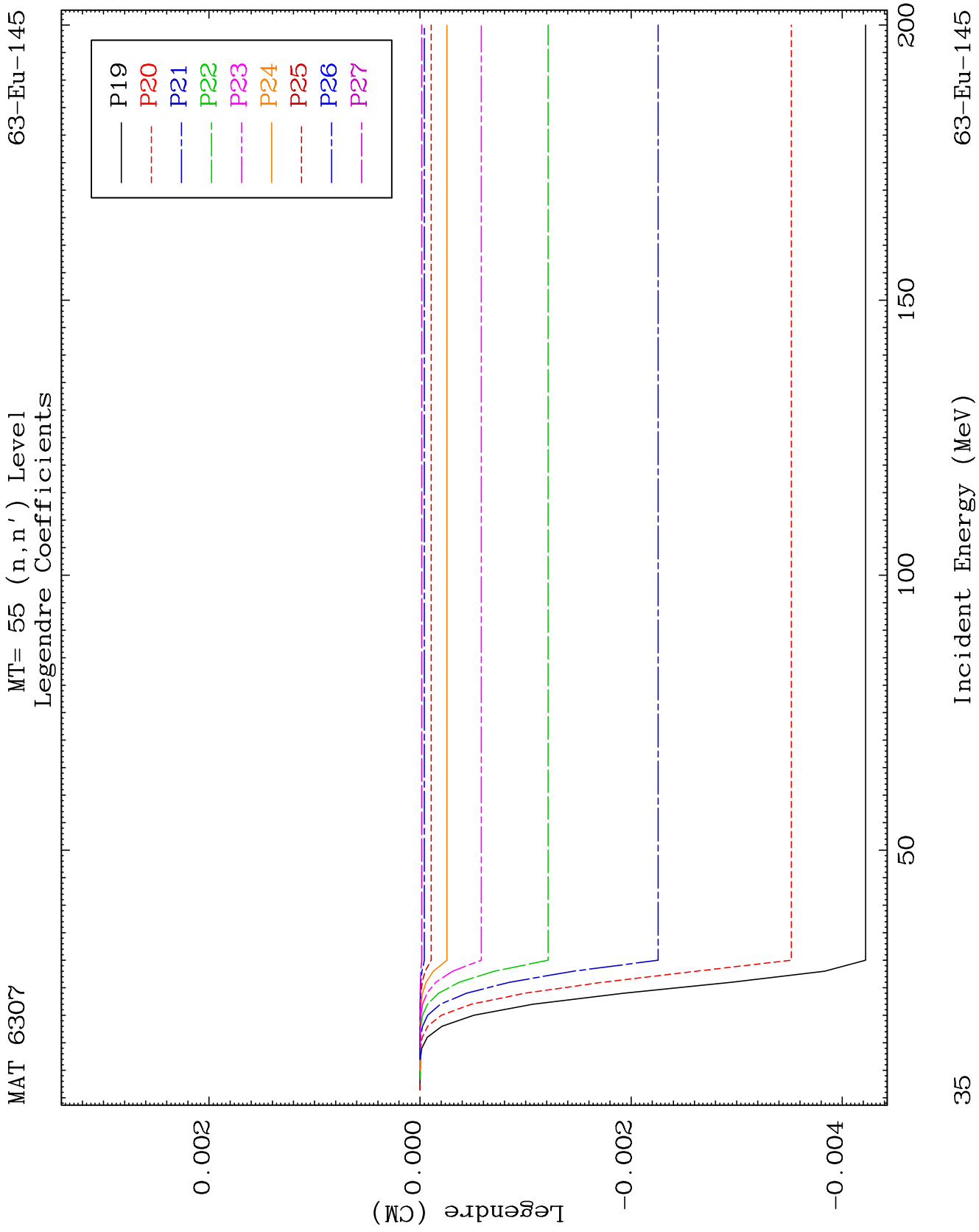


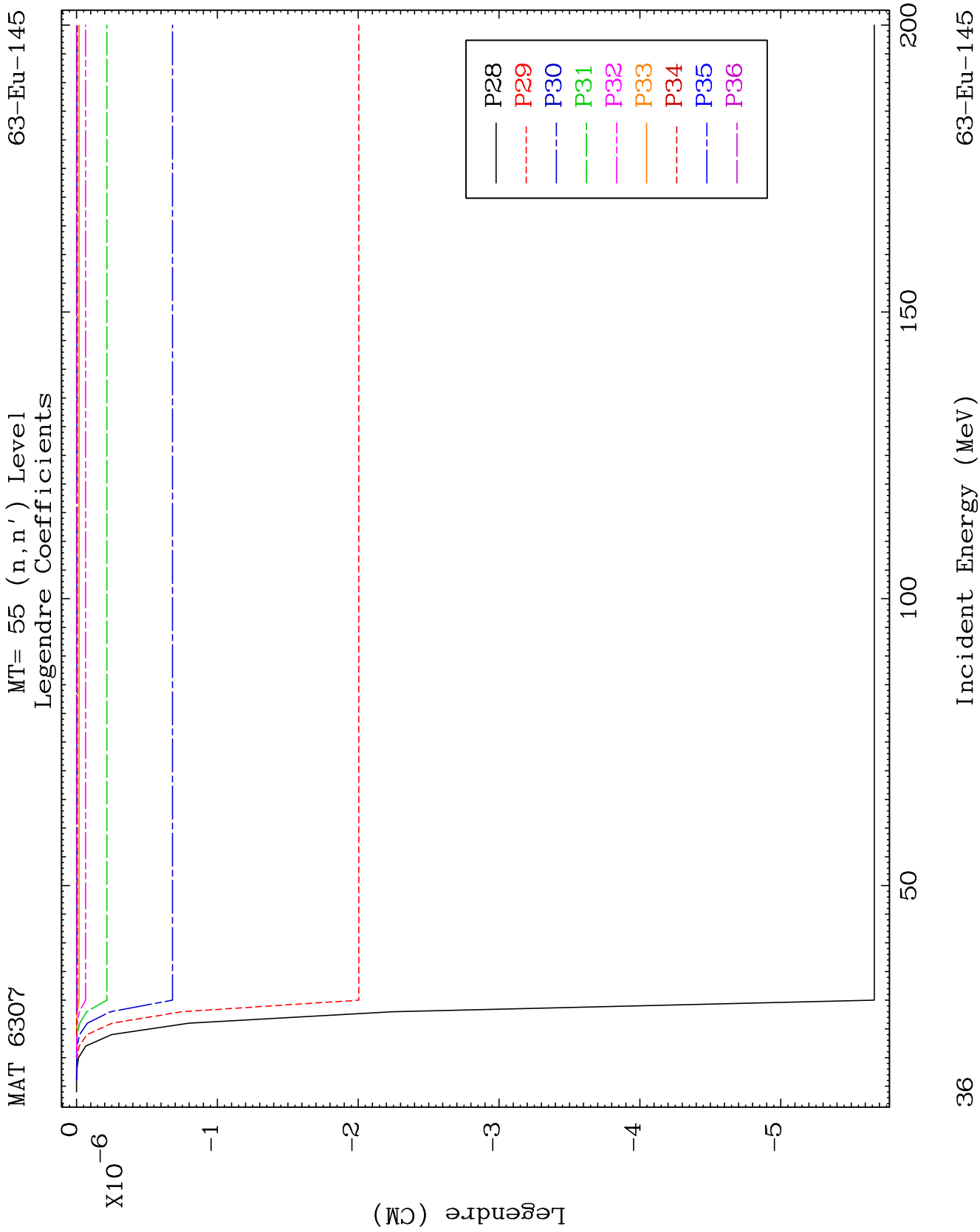
MAT 6307

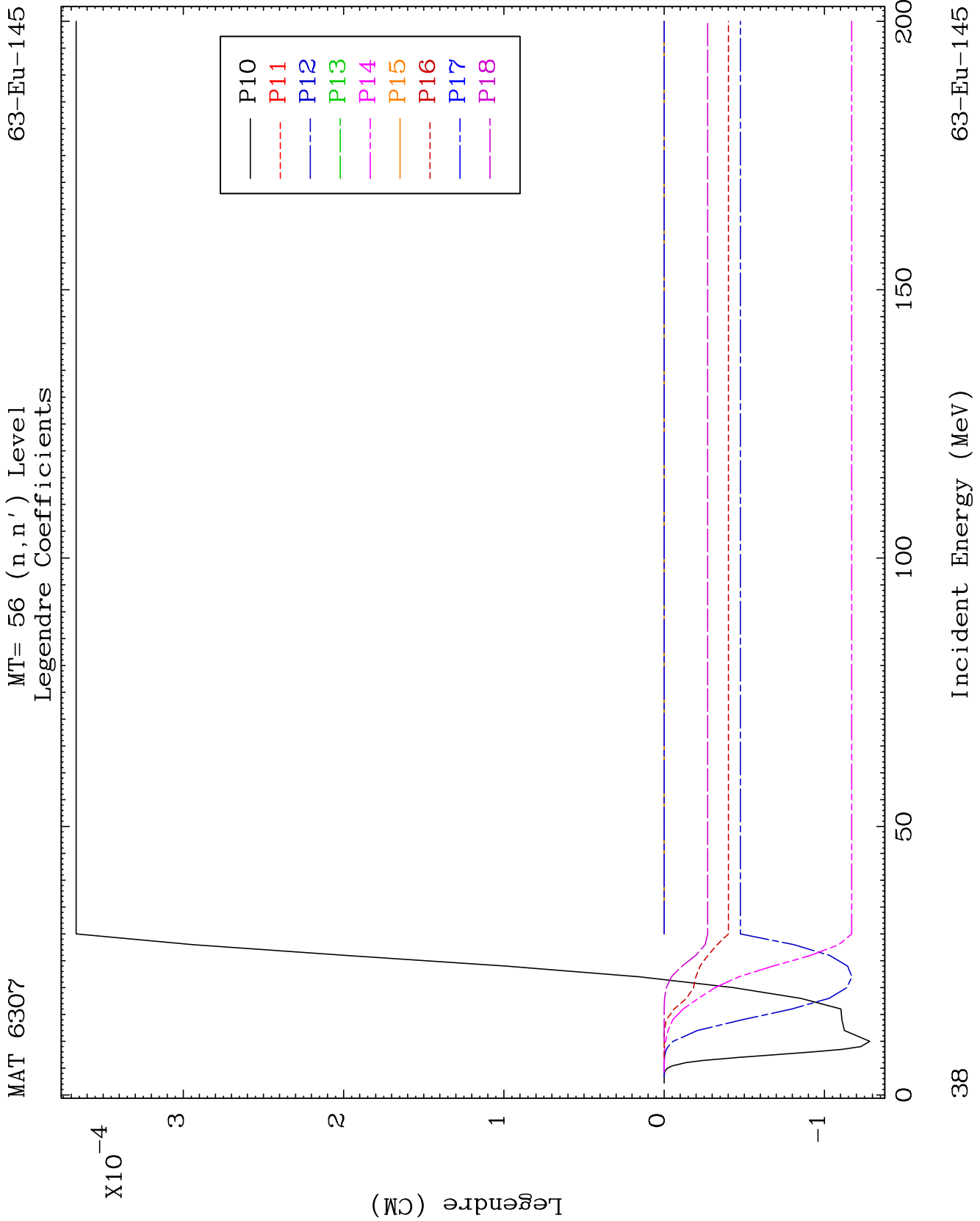
MT= 55 (n, n') Level
Legendre Coefficients

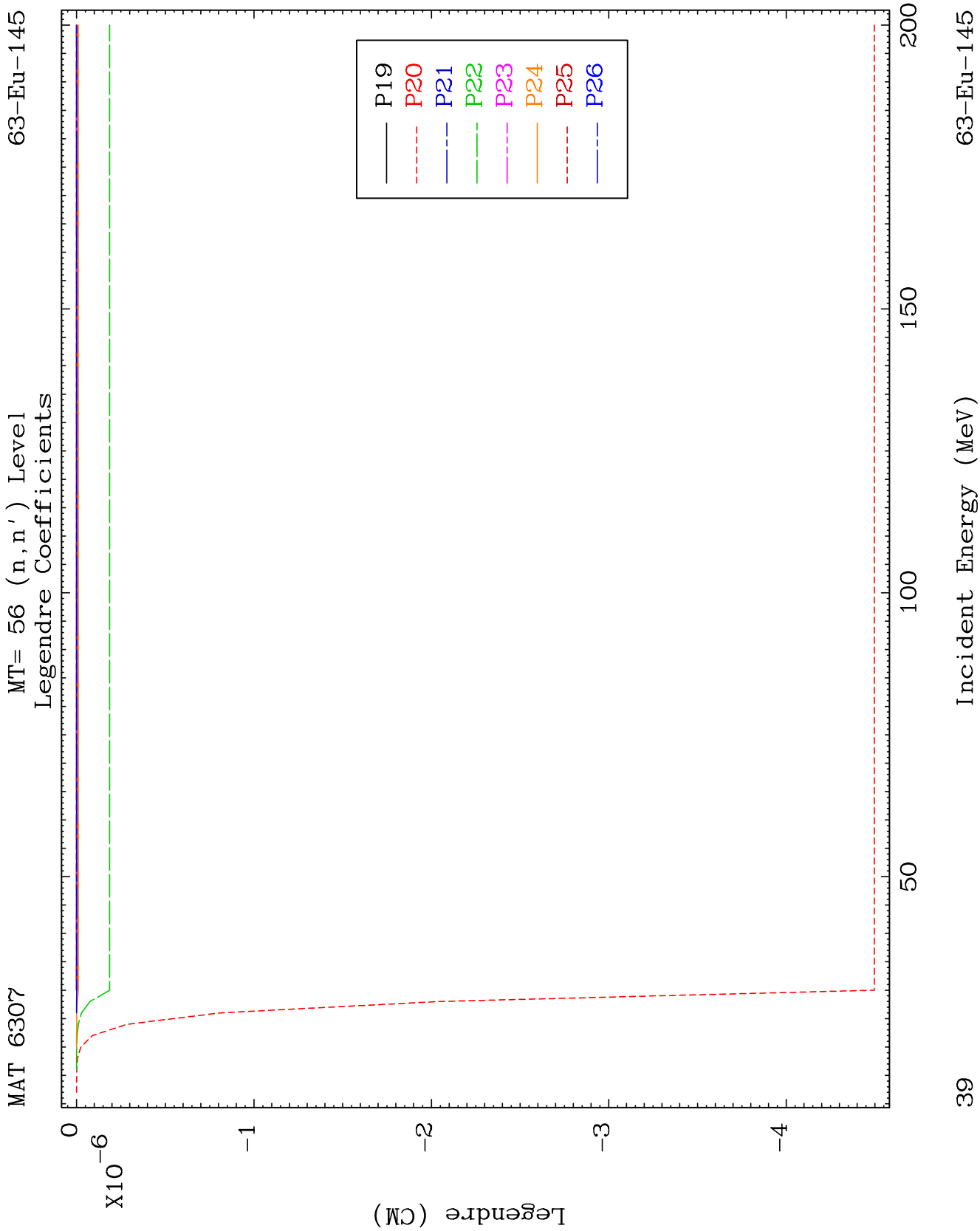
63-Eu-145

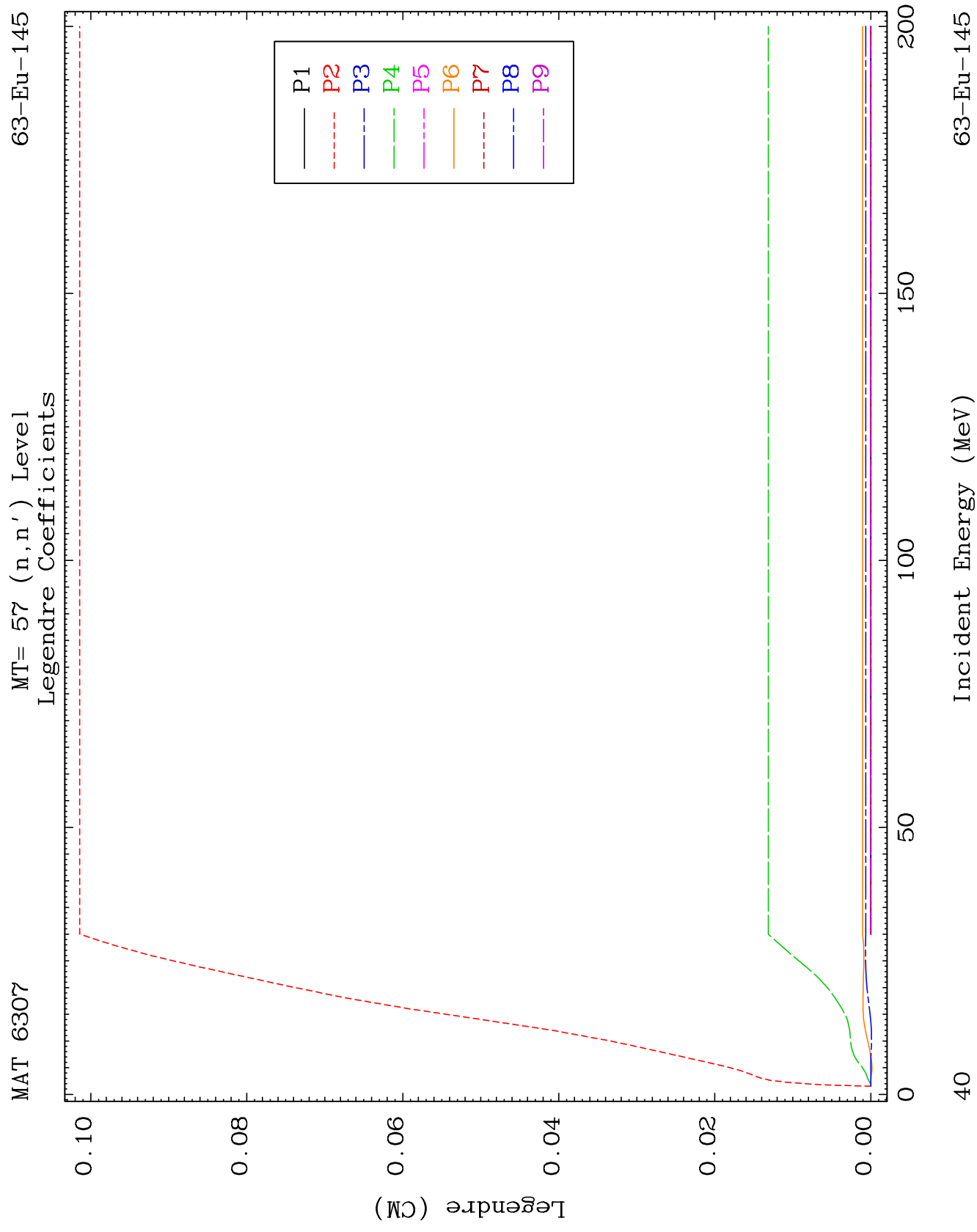


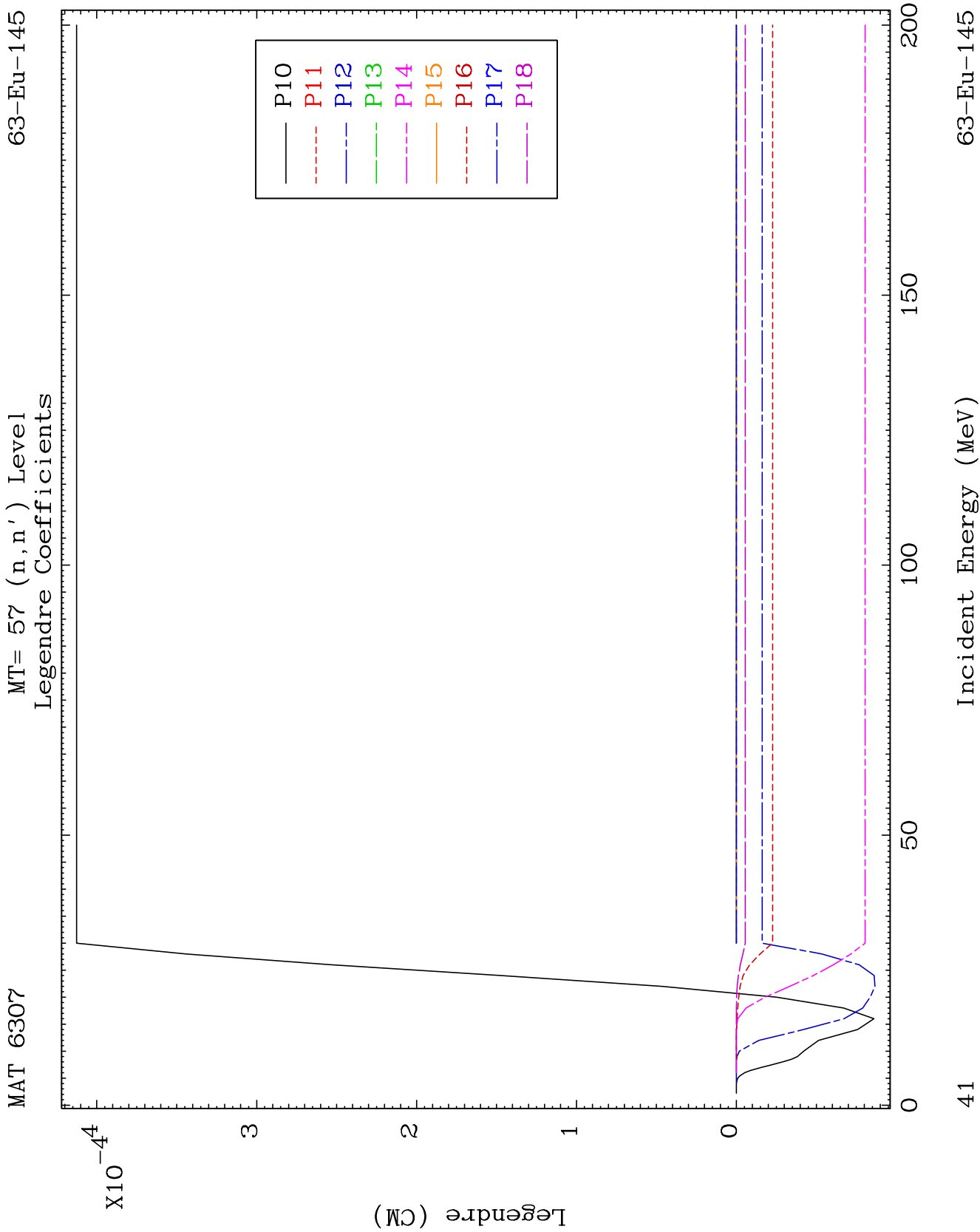


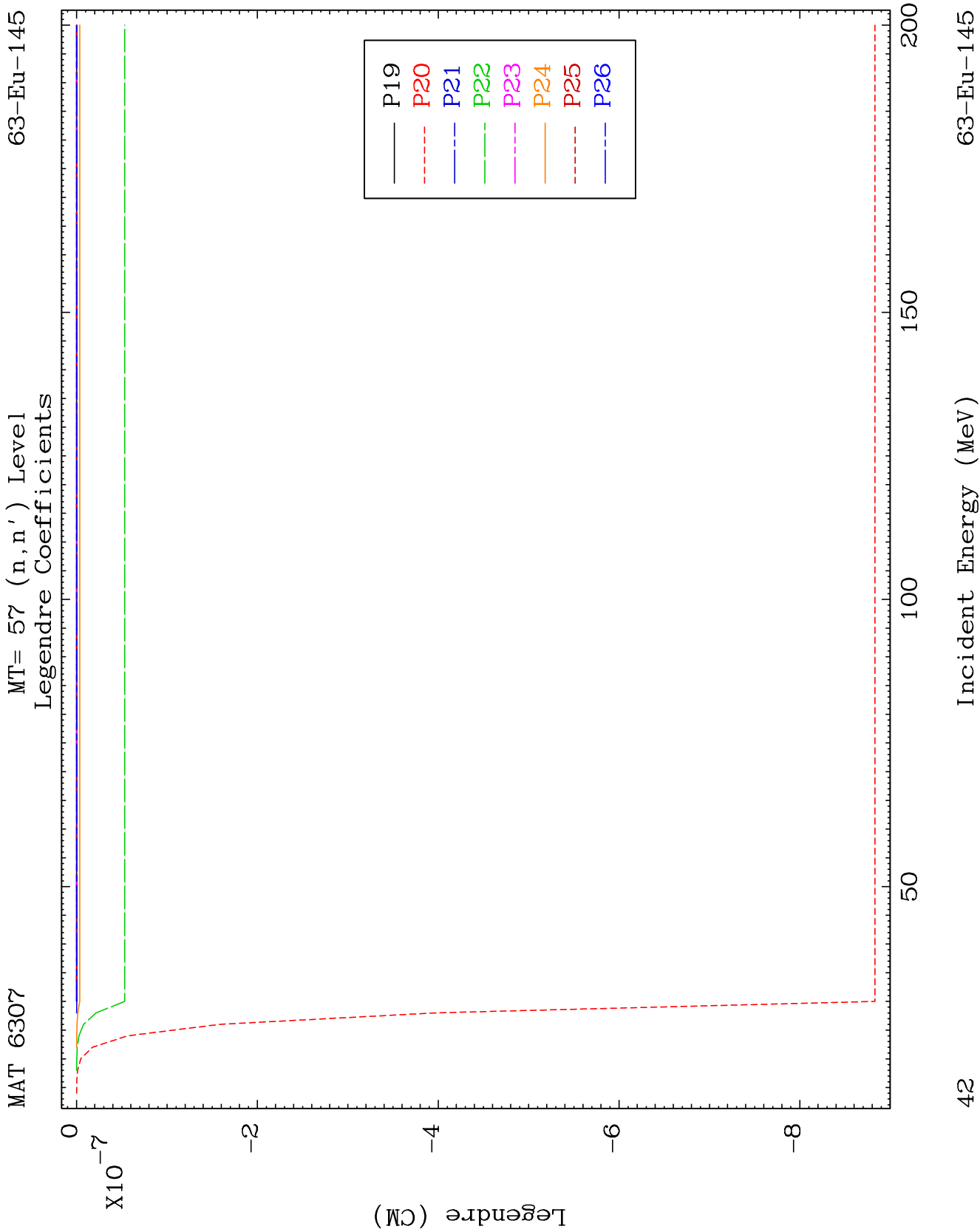


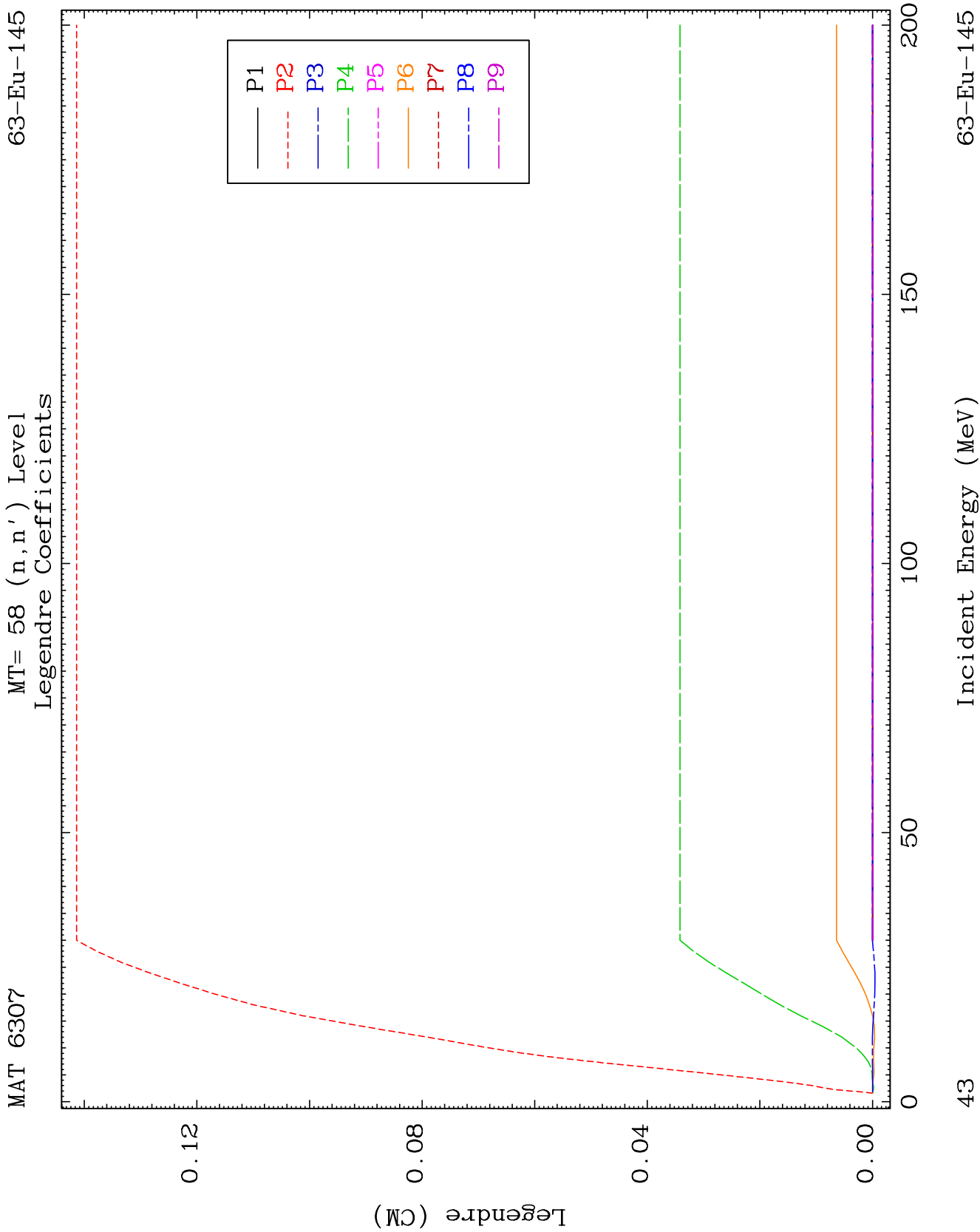


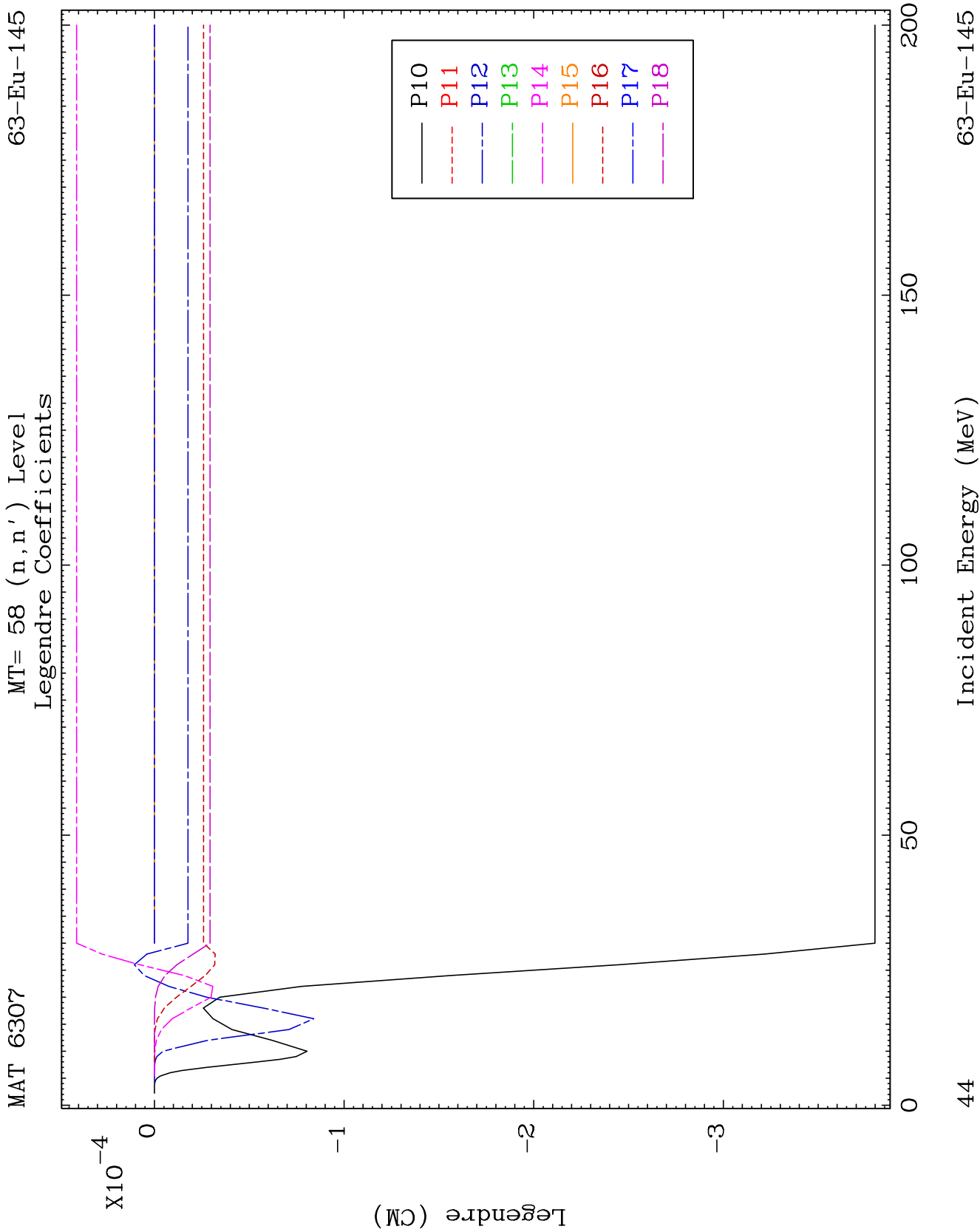


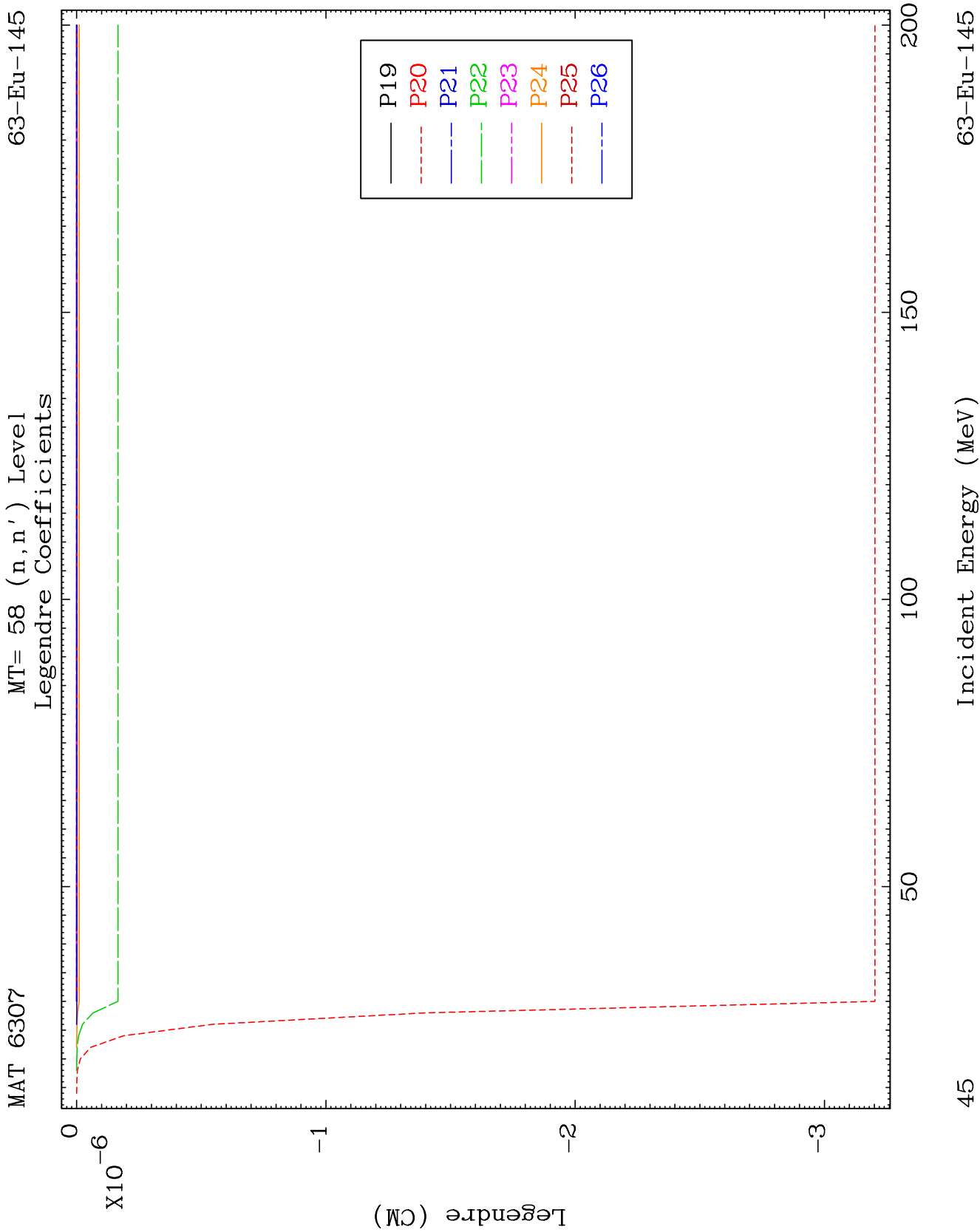








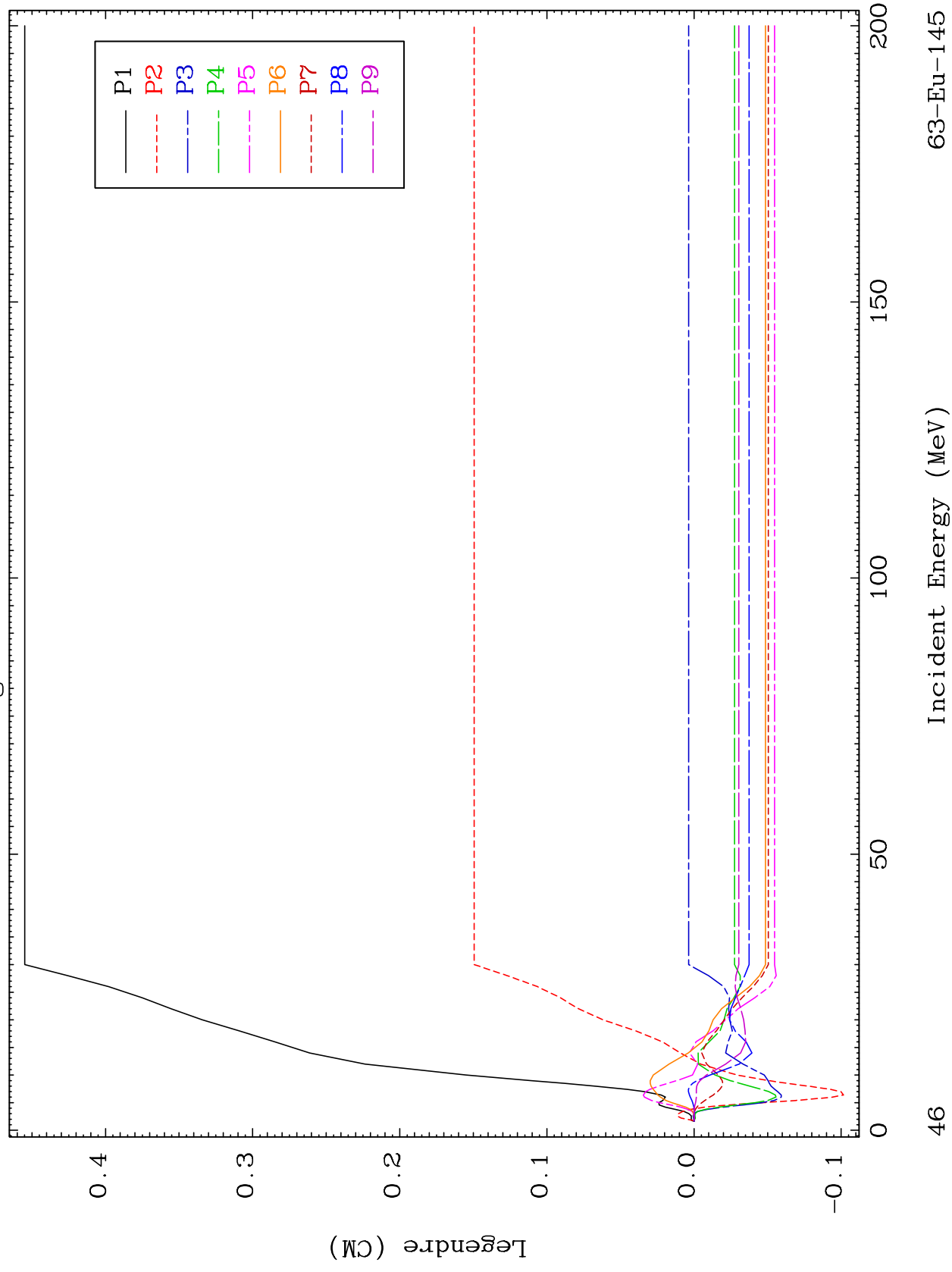


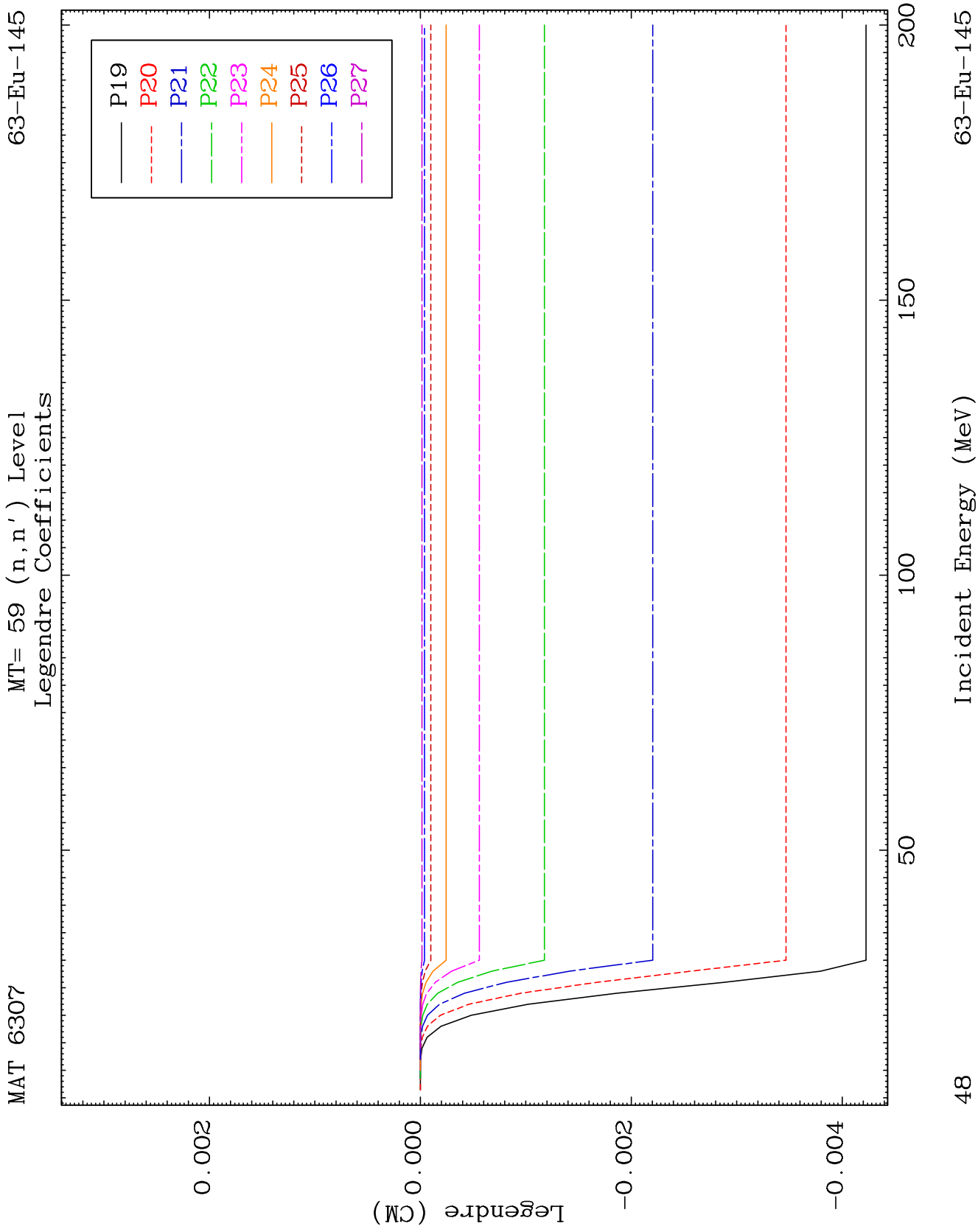


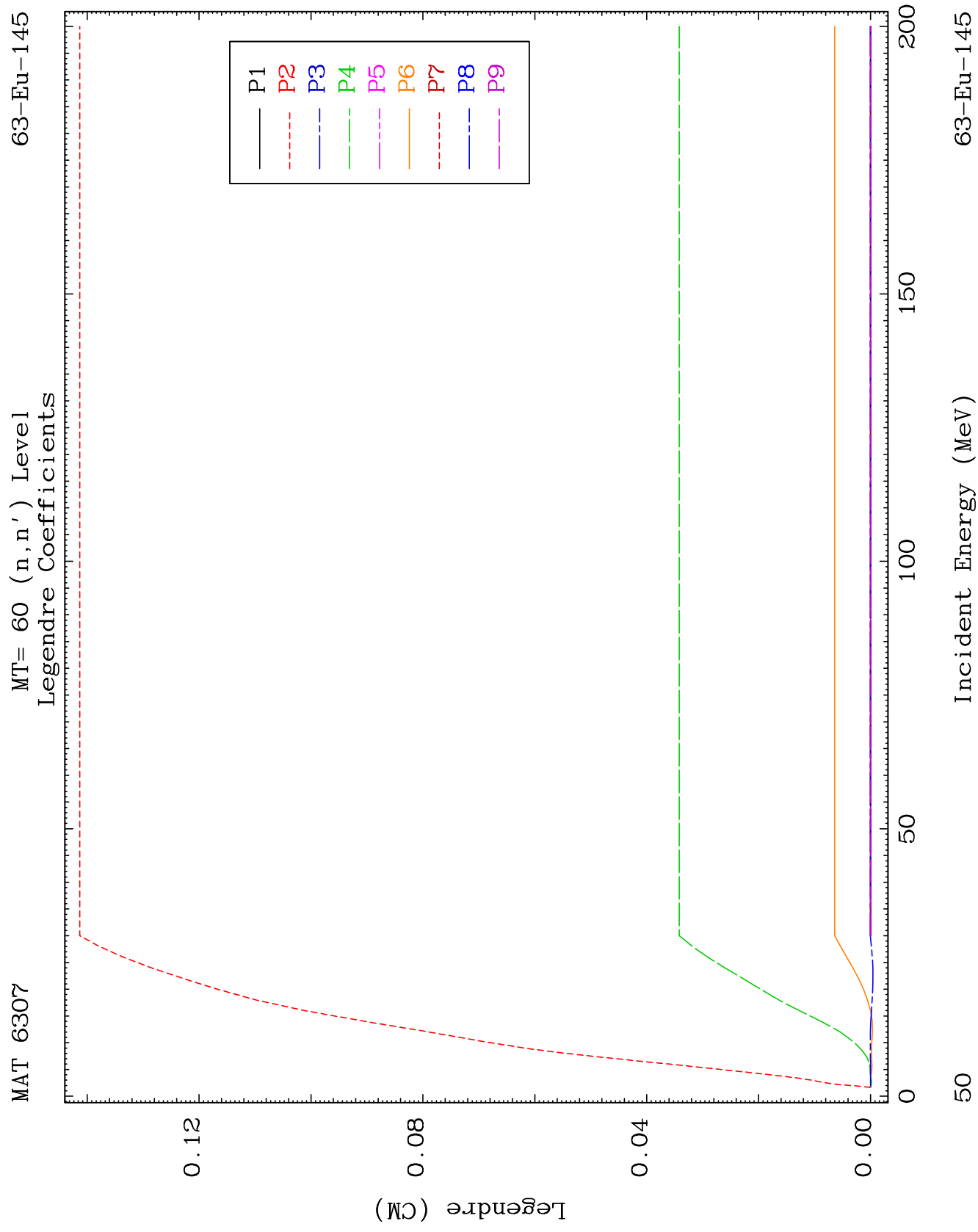
MAT 6307

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

63-Eu-145



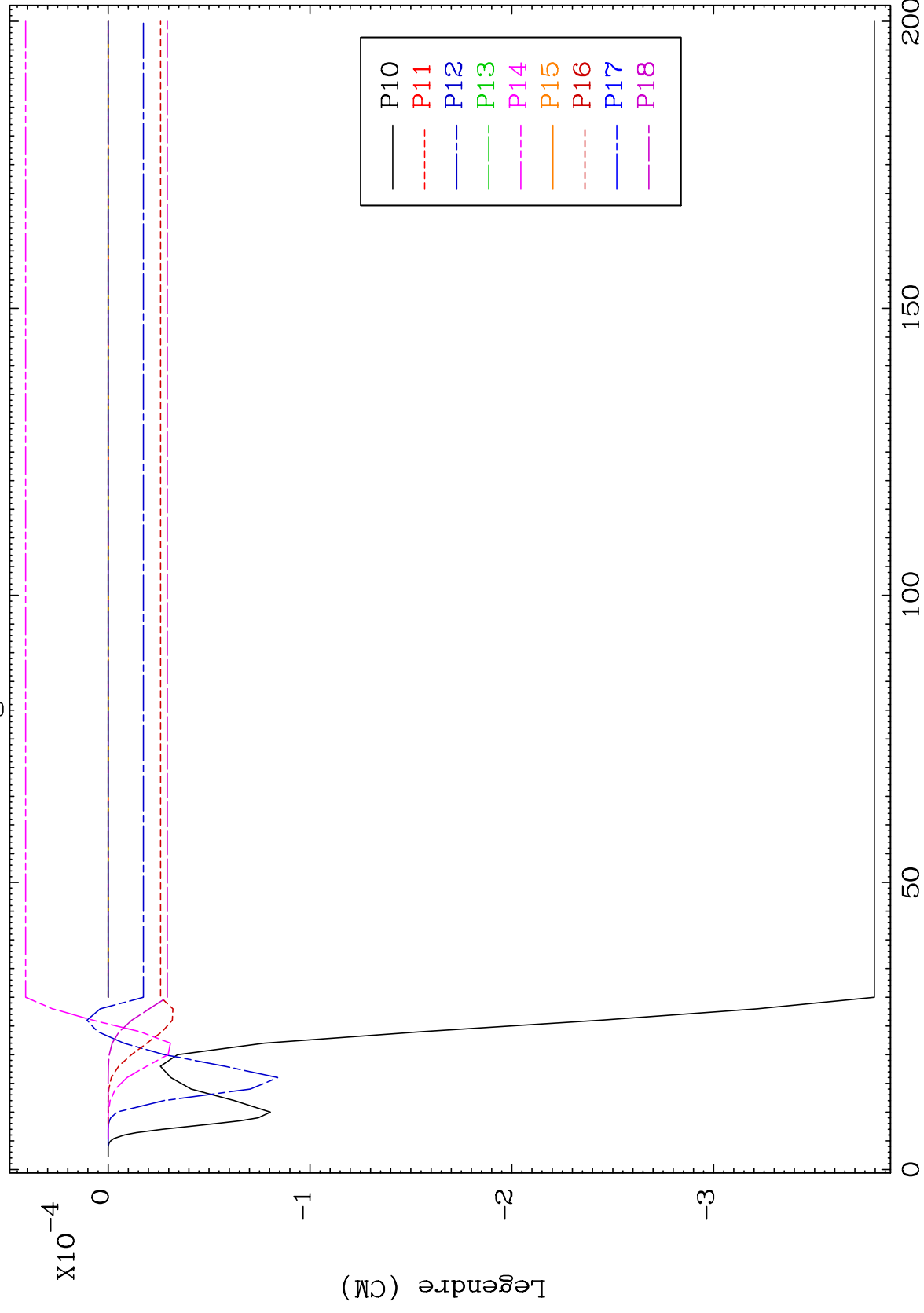




MAT 6307

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

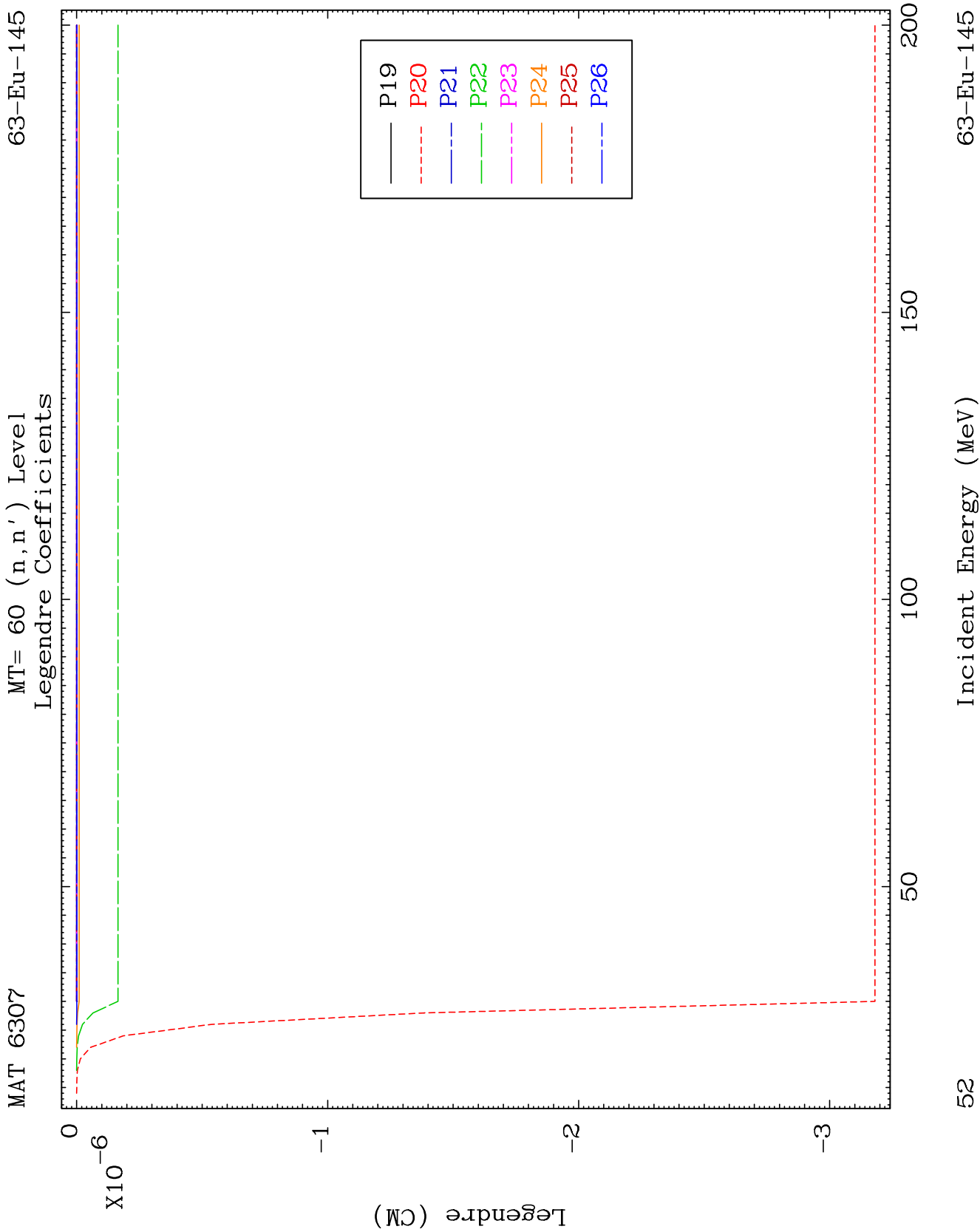
63-Eu-145

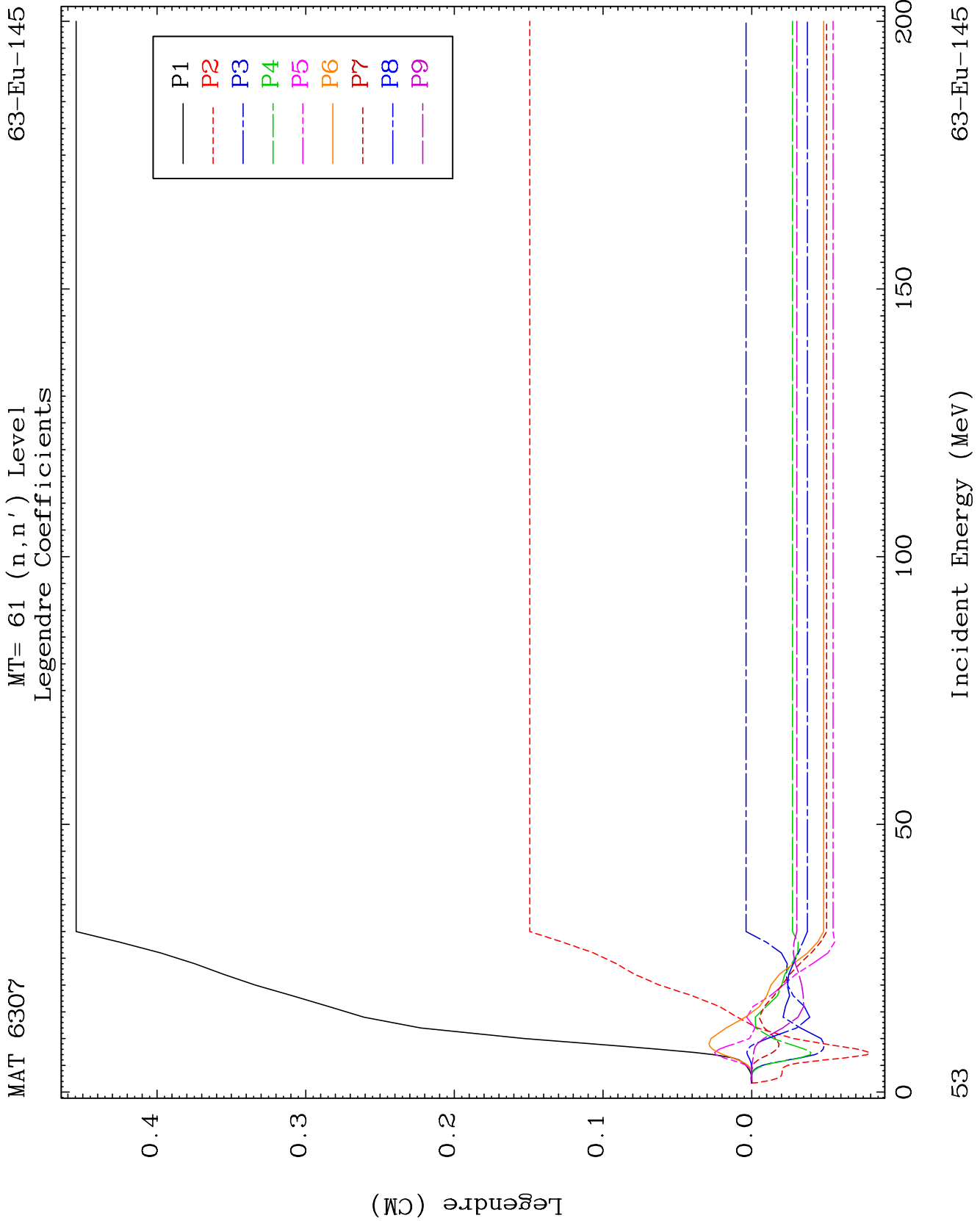


51

Incident Energy (MeV)

63-Eu-145

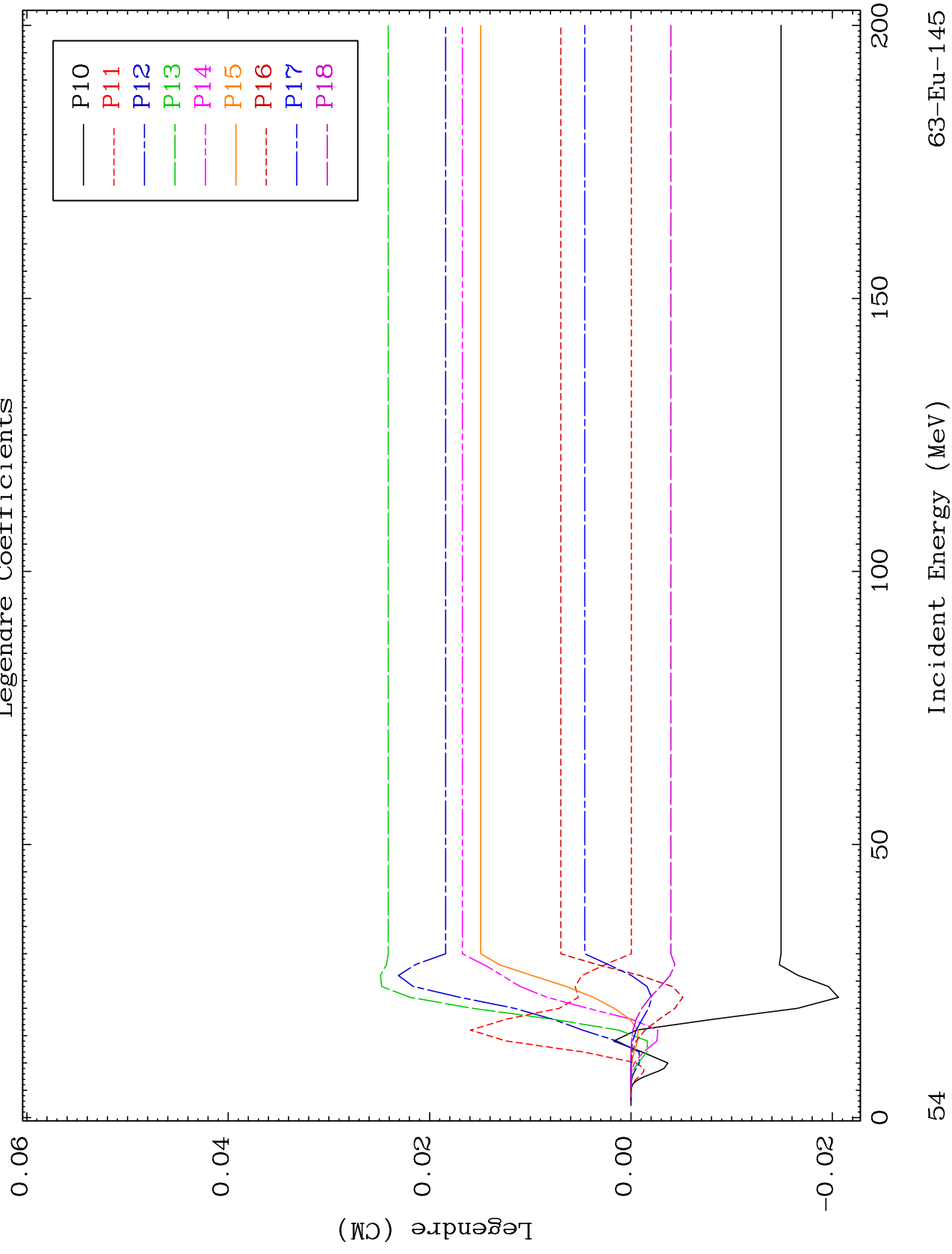




MAT 6307

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

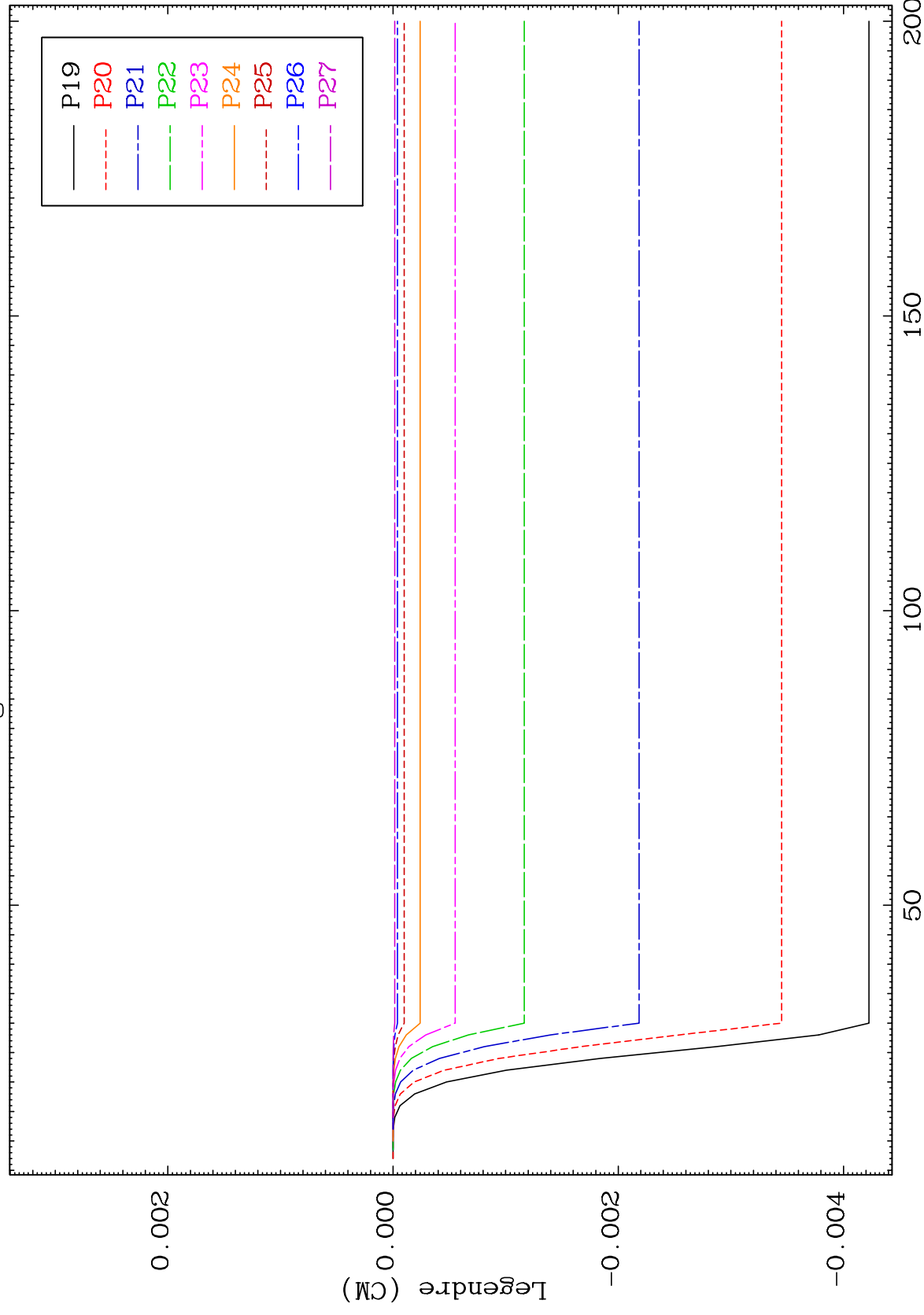
63-Eu-145



MAT 6307

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

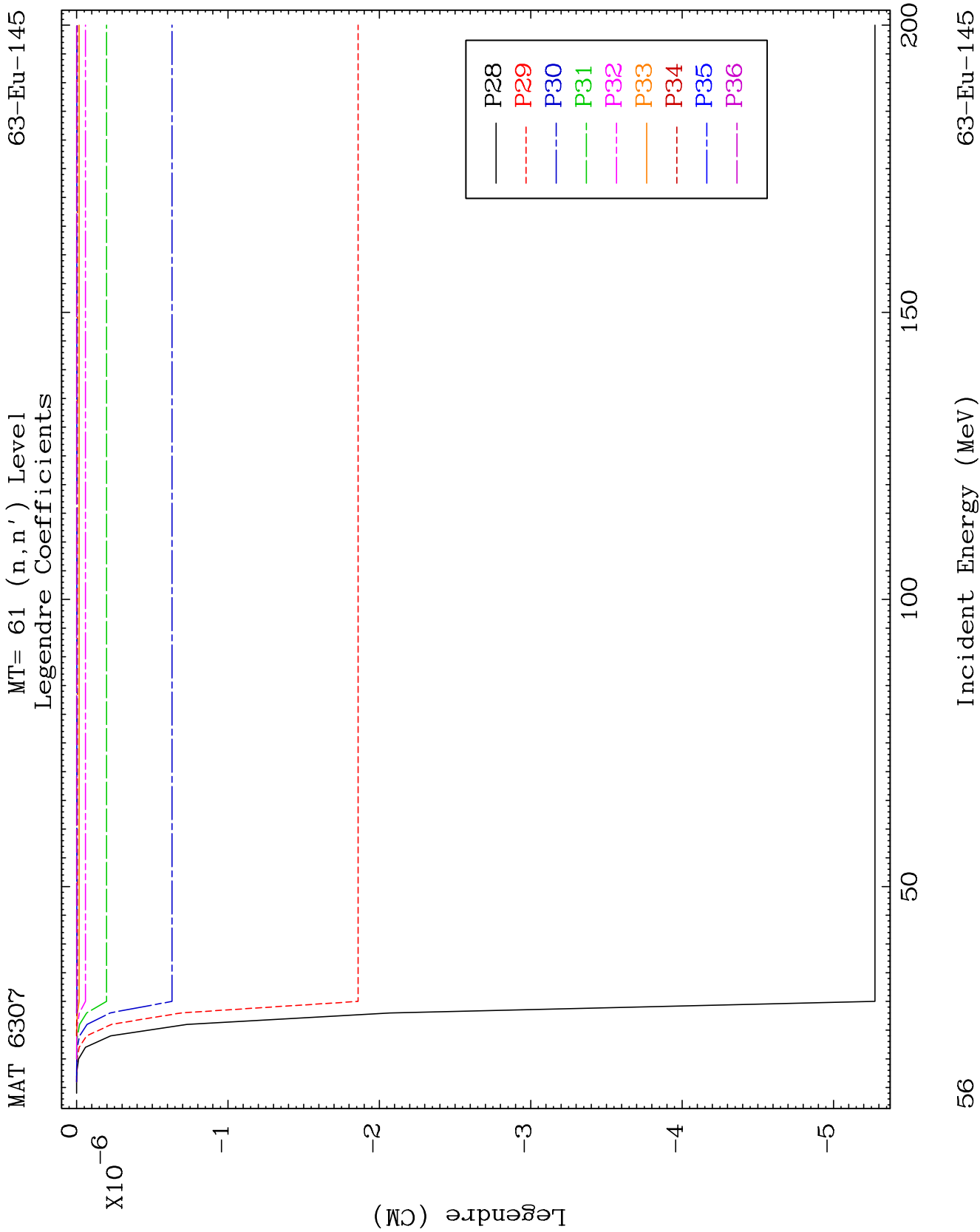
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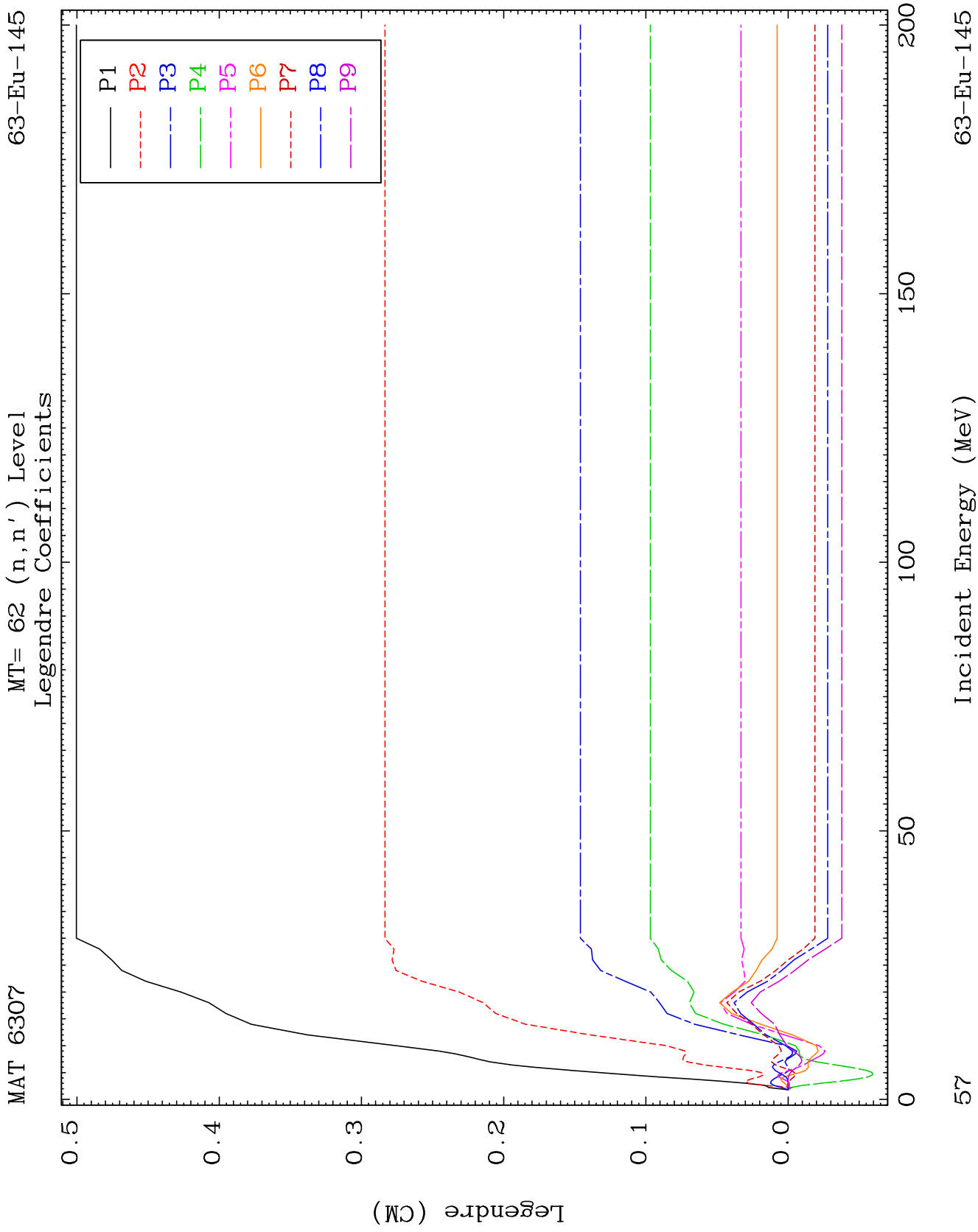


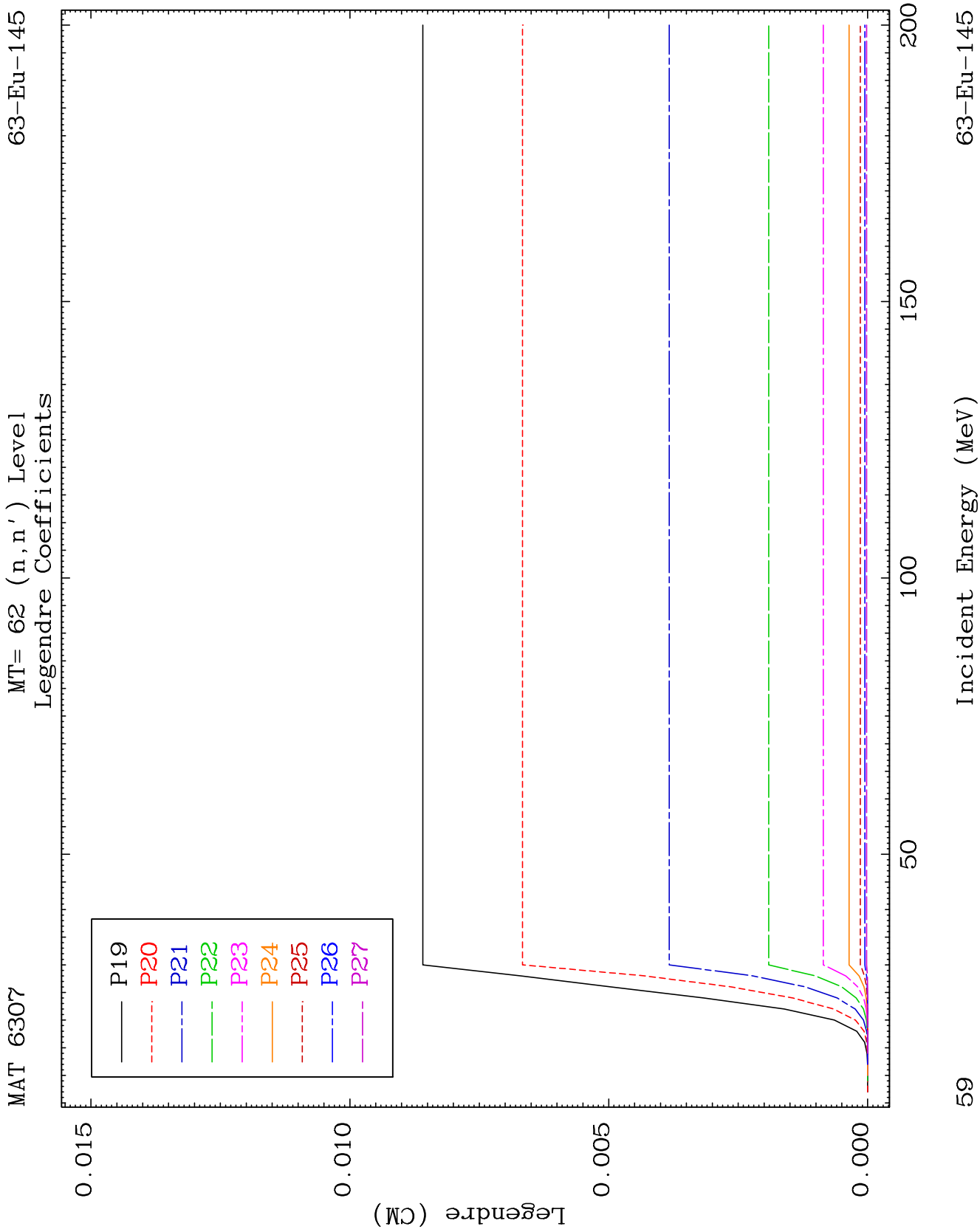
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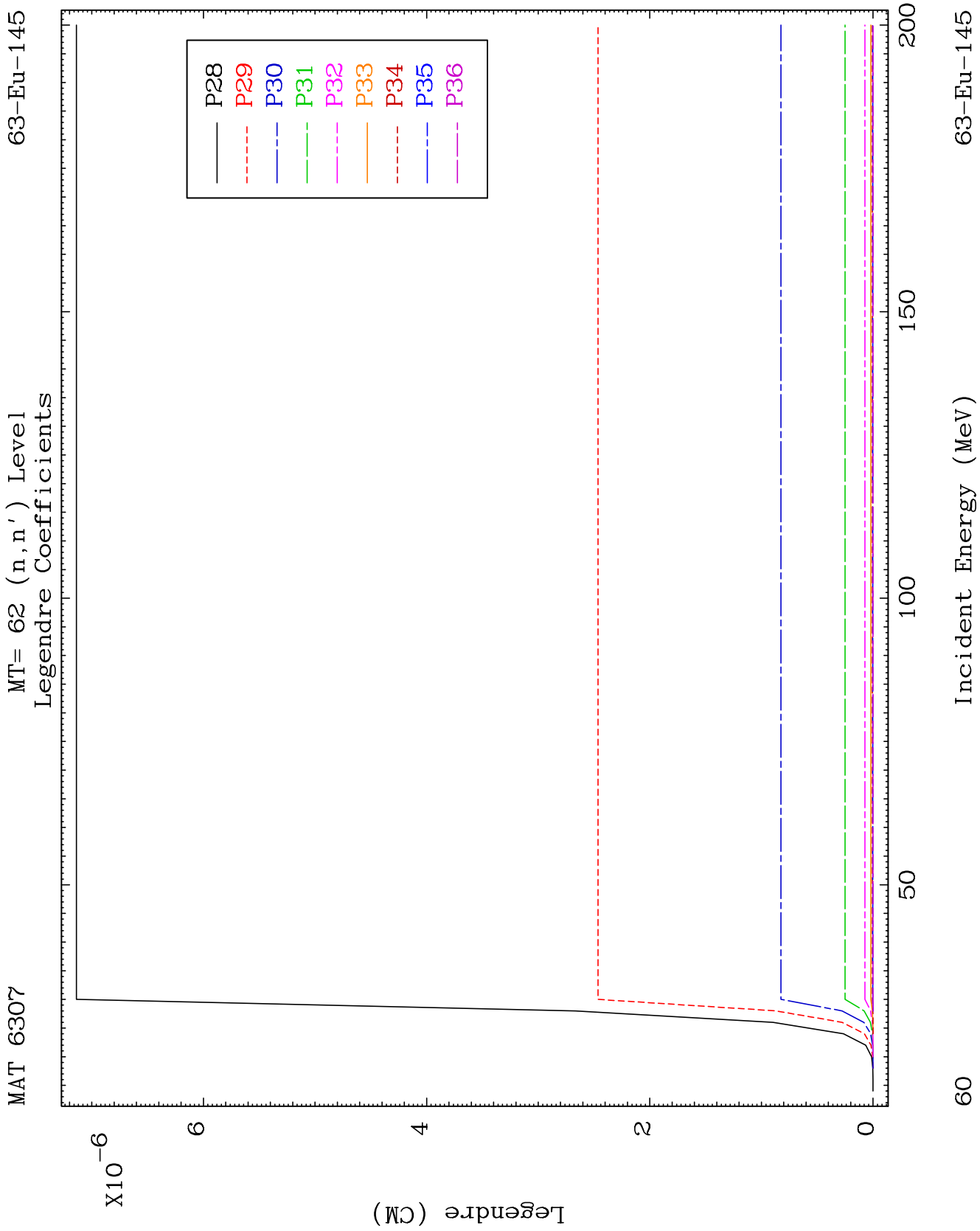
Incident Energy (MeV)

63-Eu-145





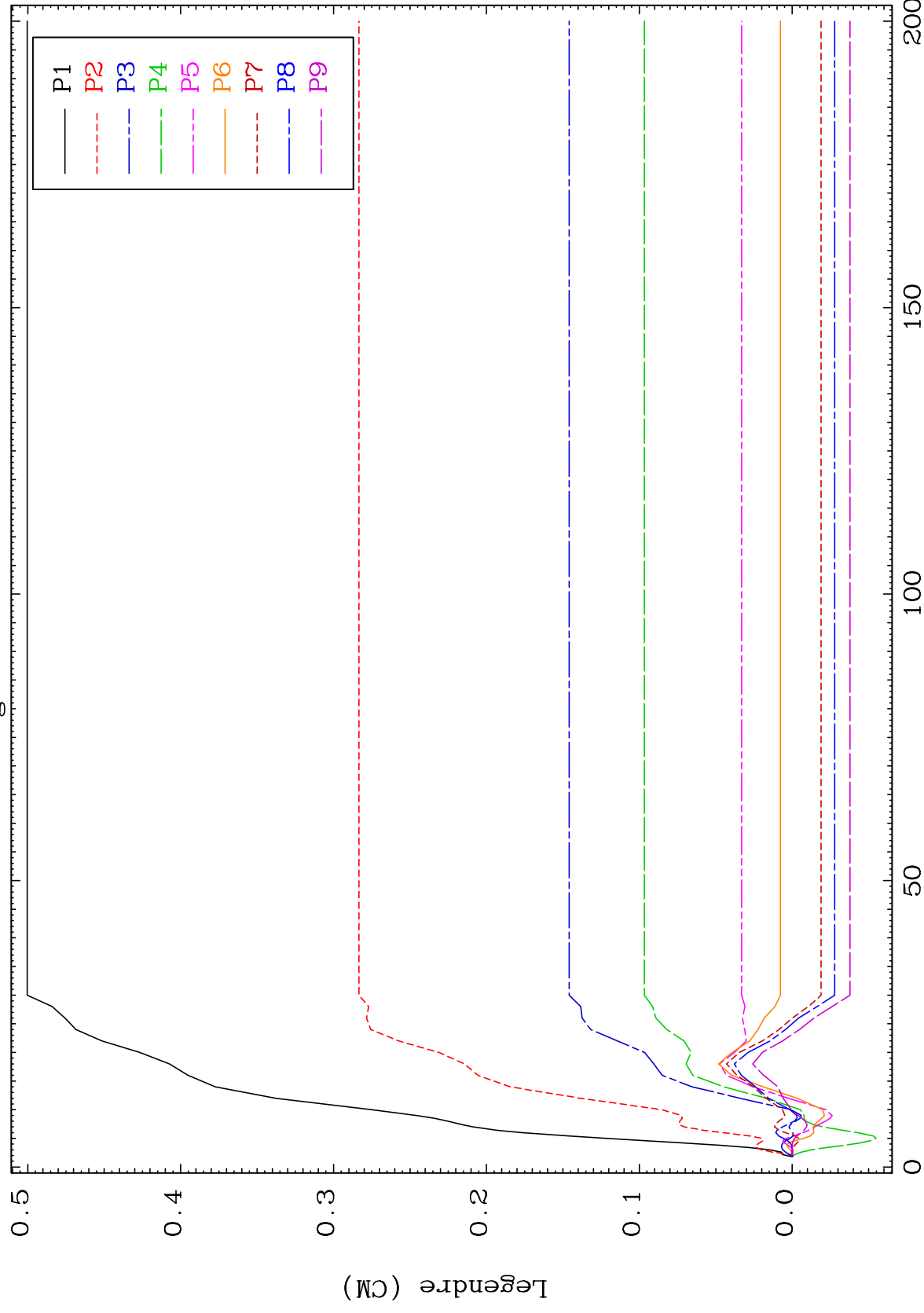




MAT 6307

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

63-Eu-145



61

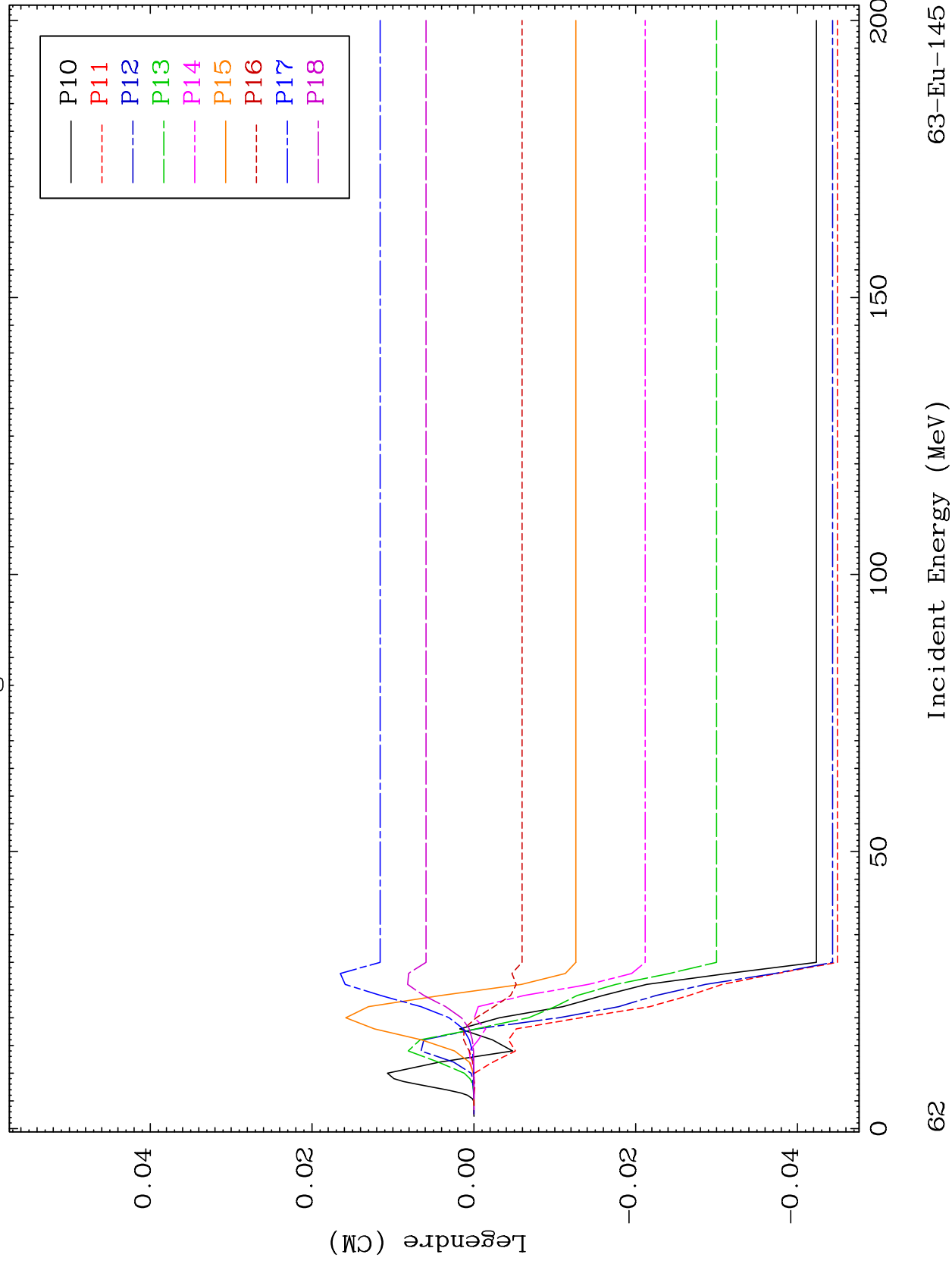
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

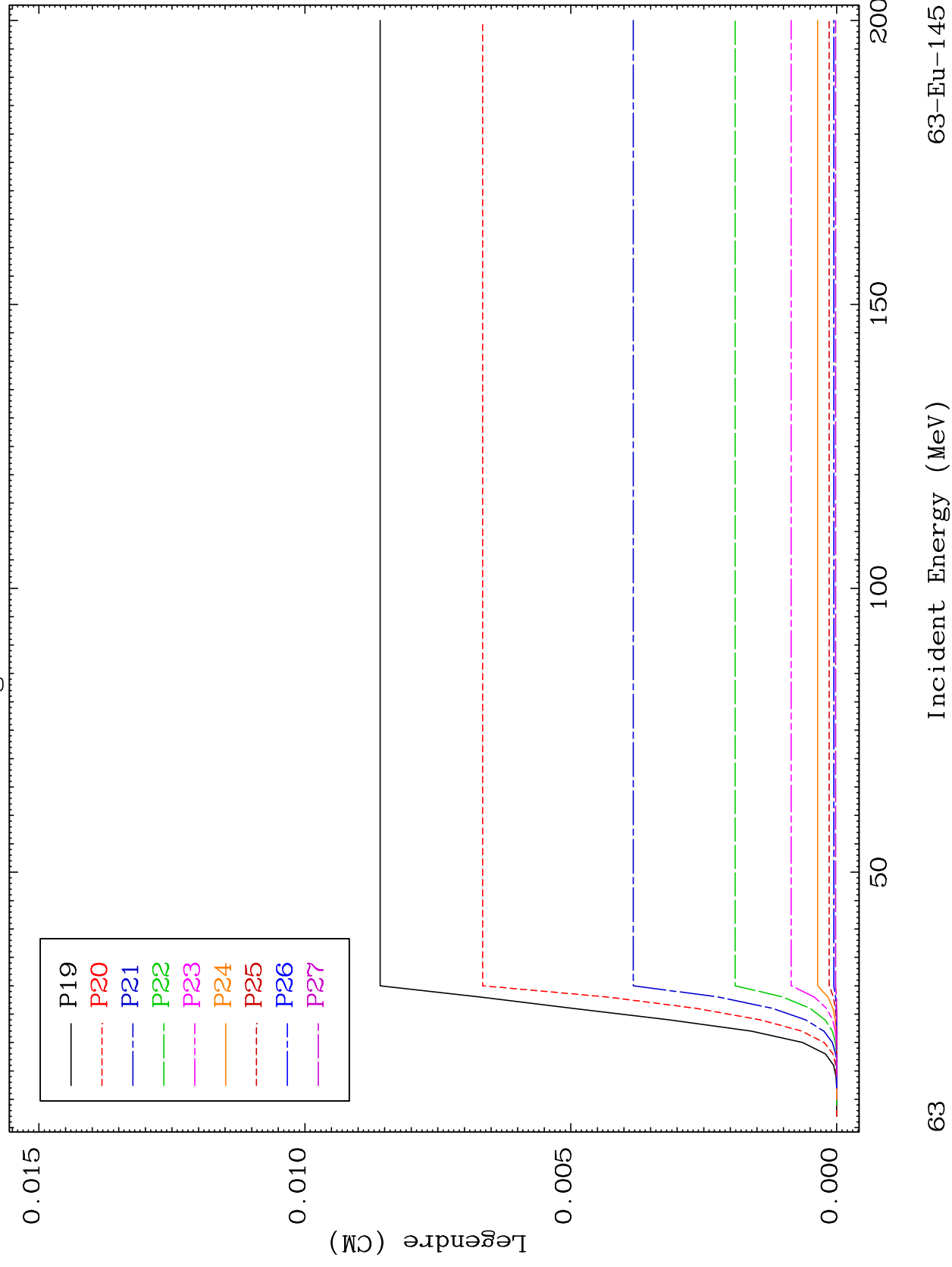
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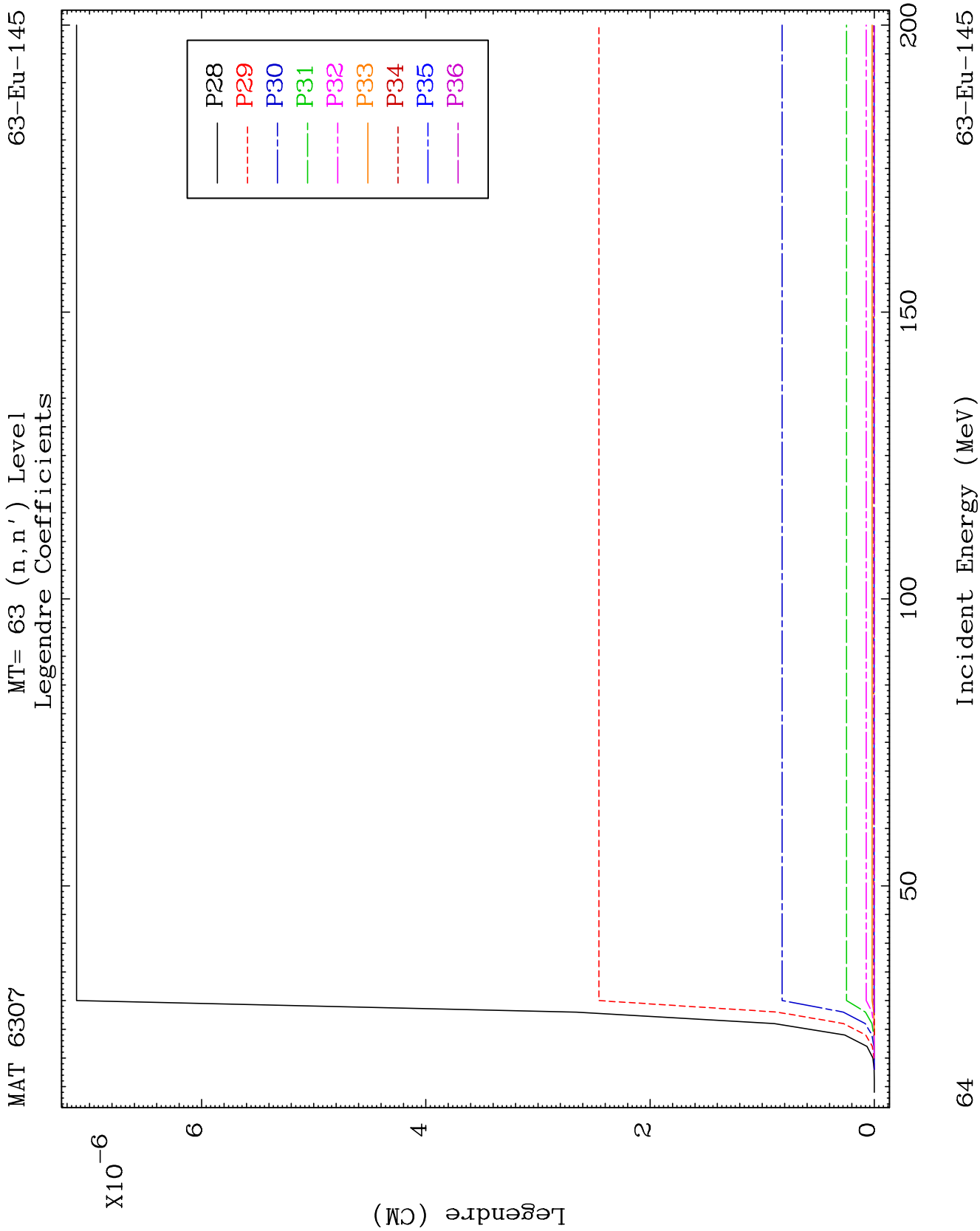


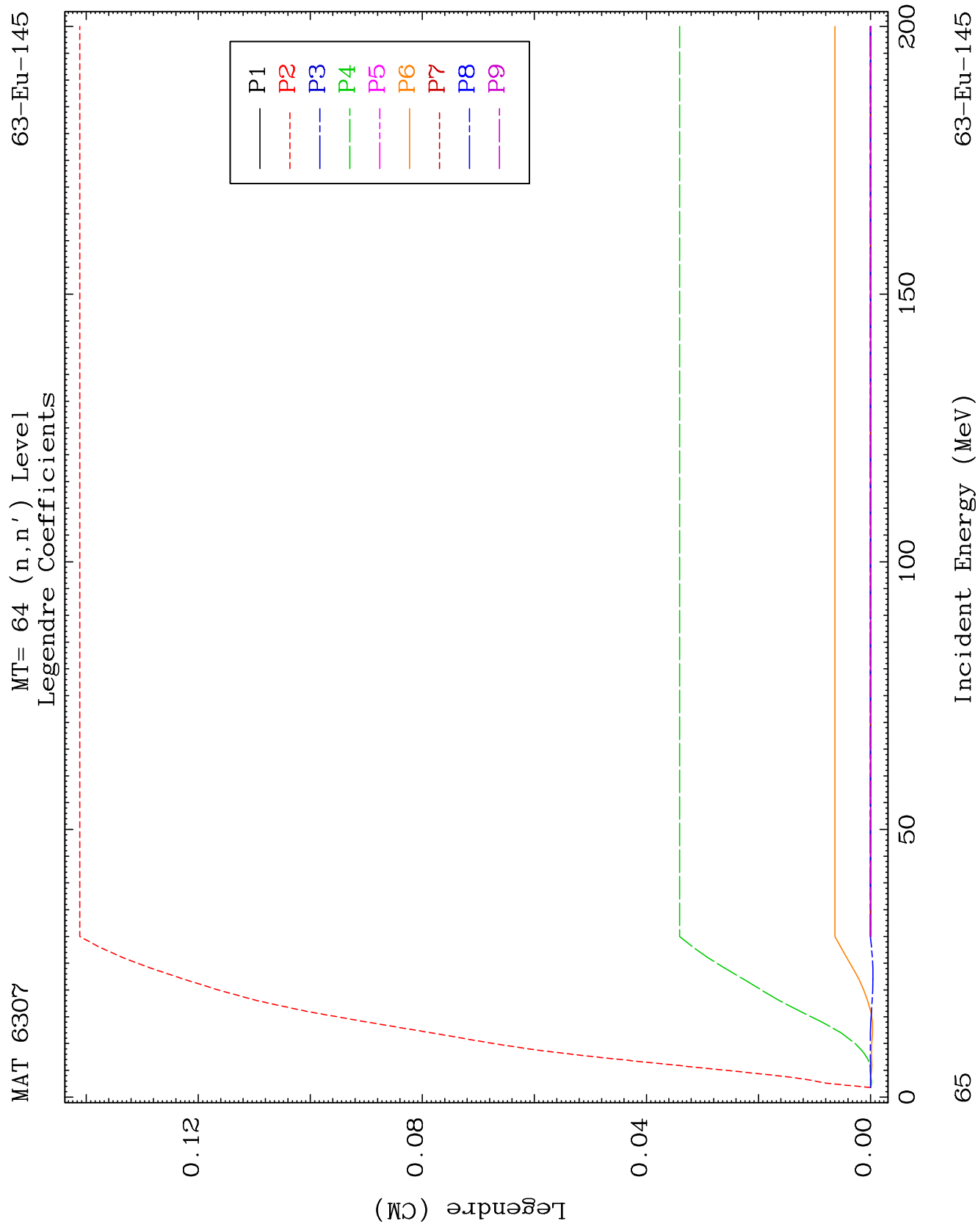
MAT 6307

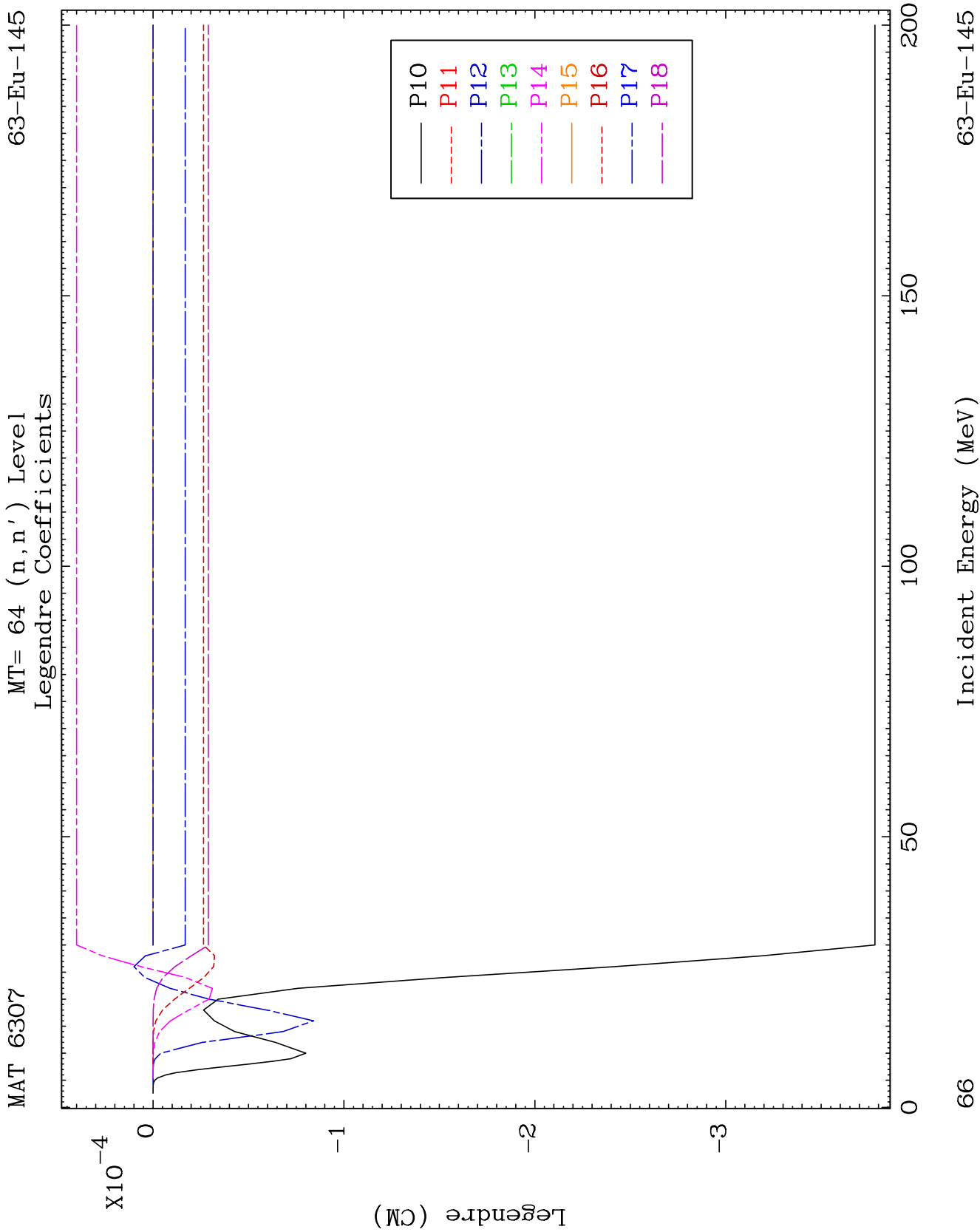
MT= 63 (n, n') Level
Legendre Coefficients

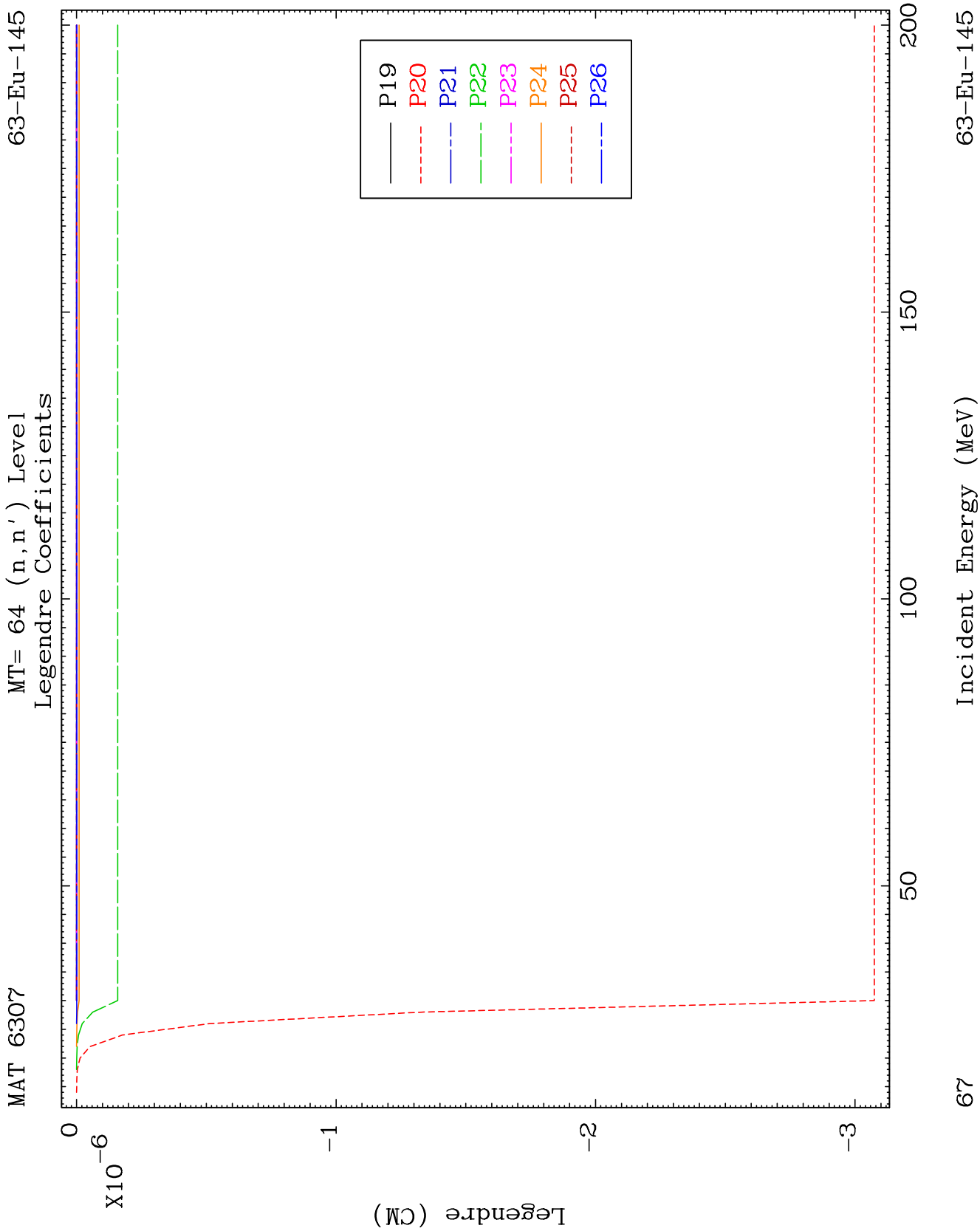
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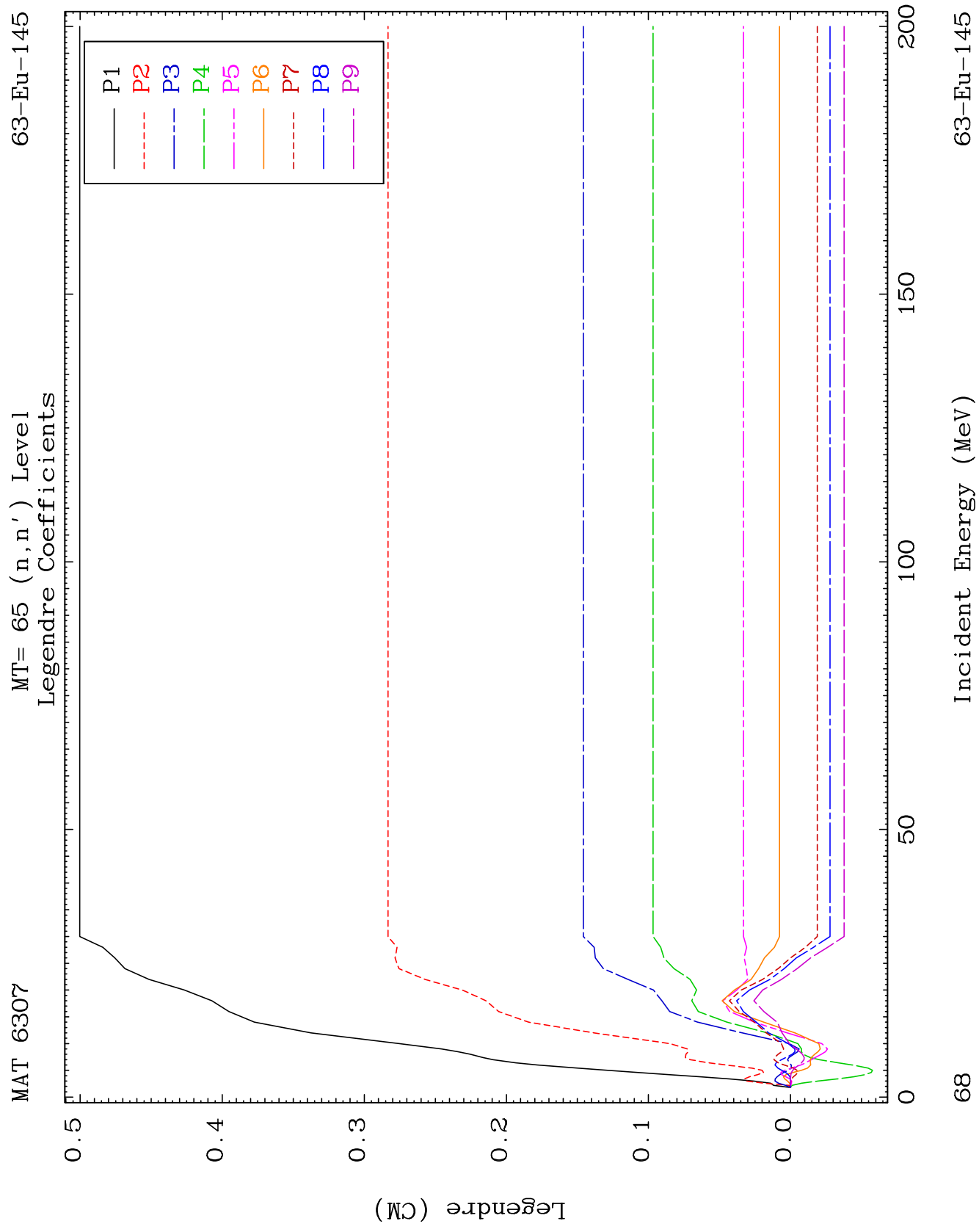


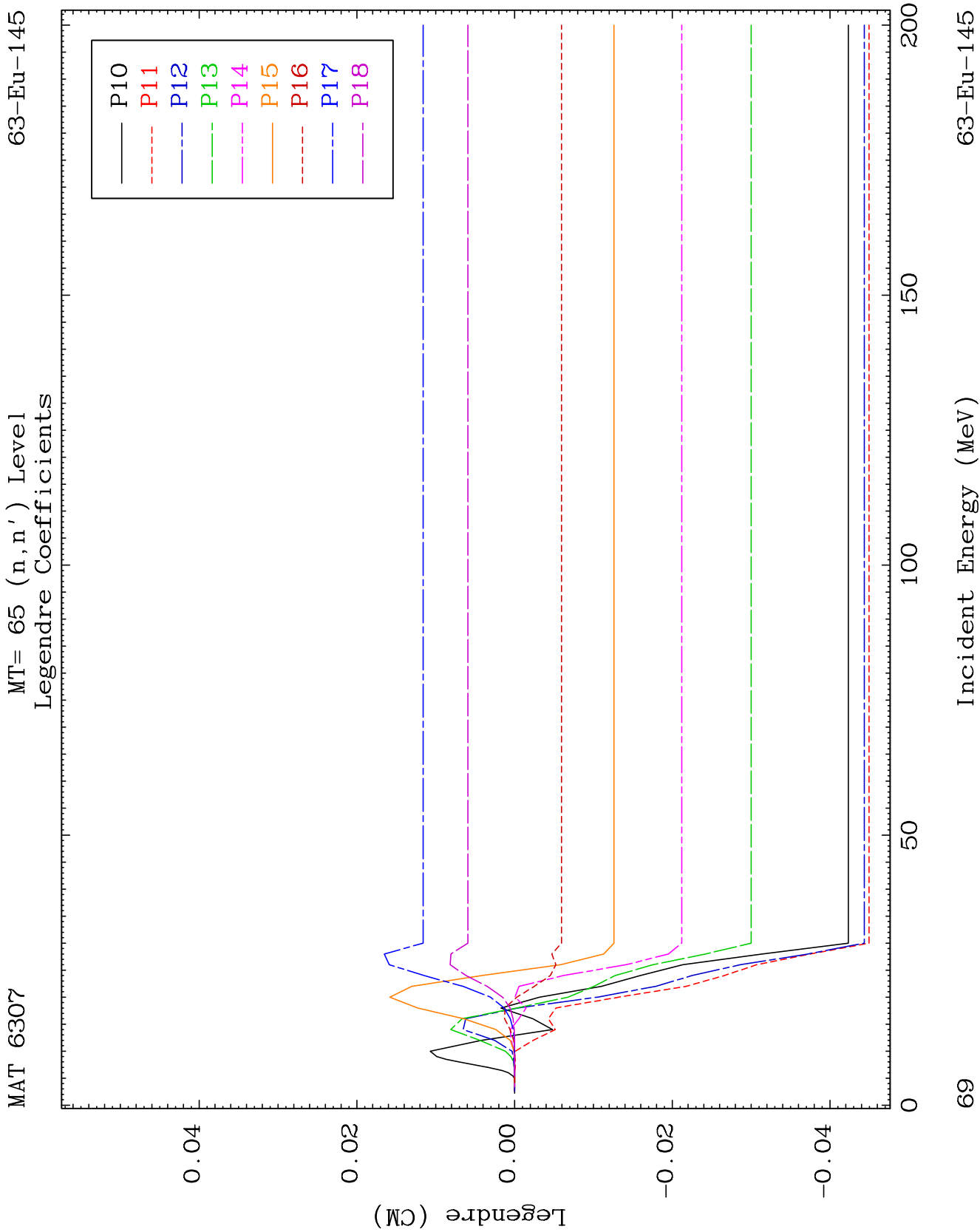


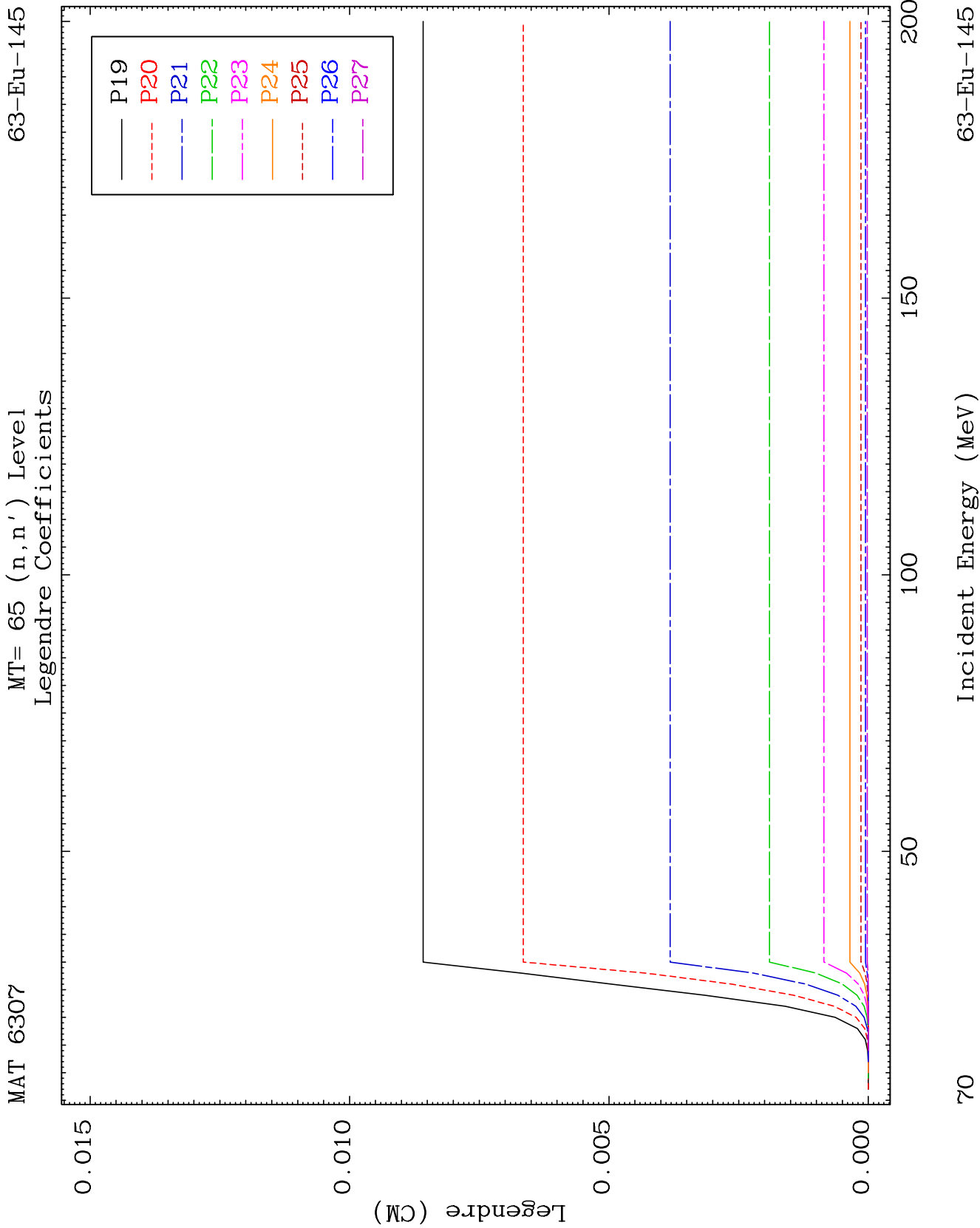


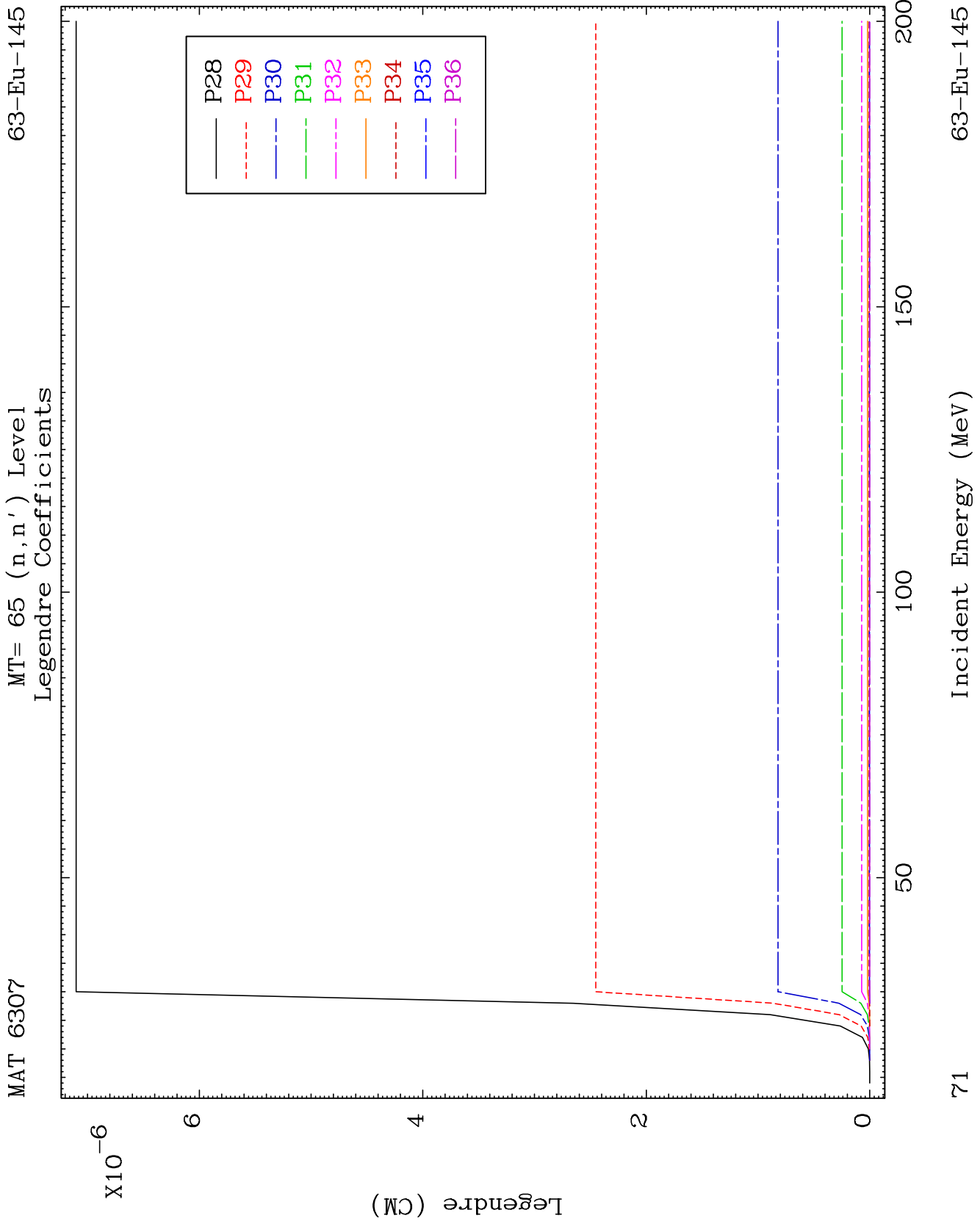


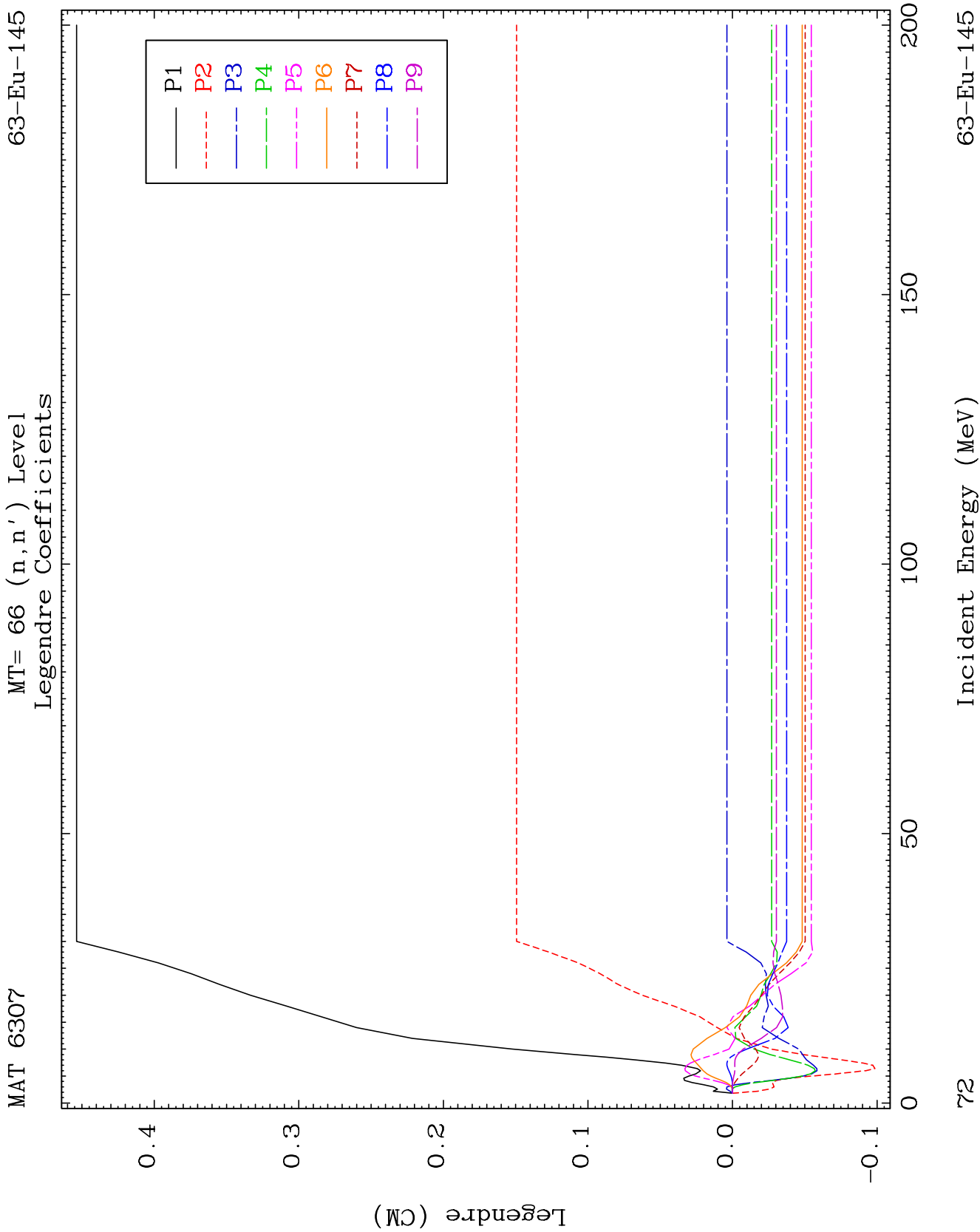


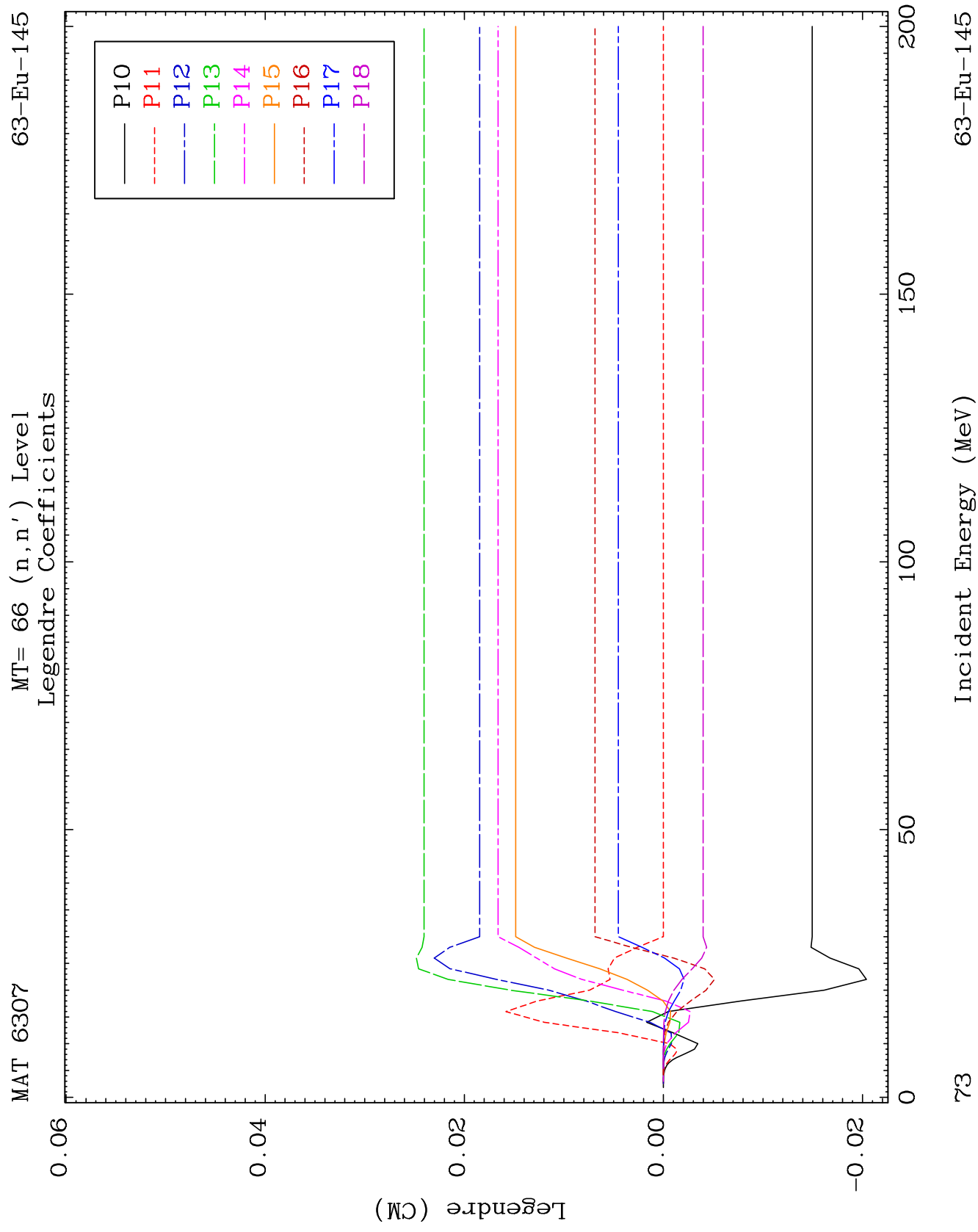


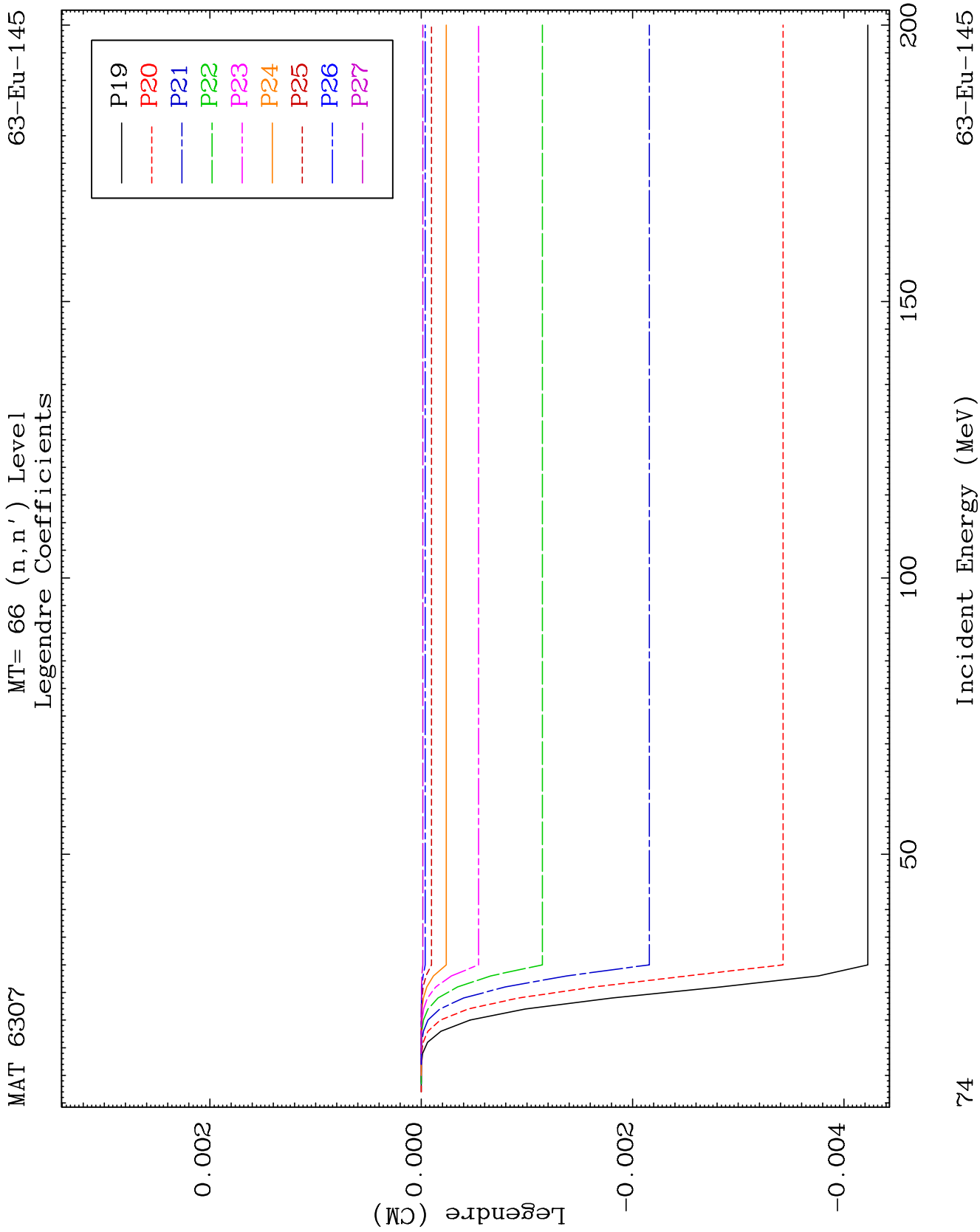


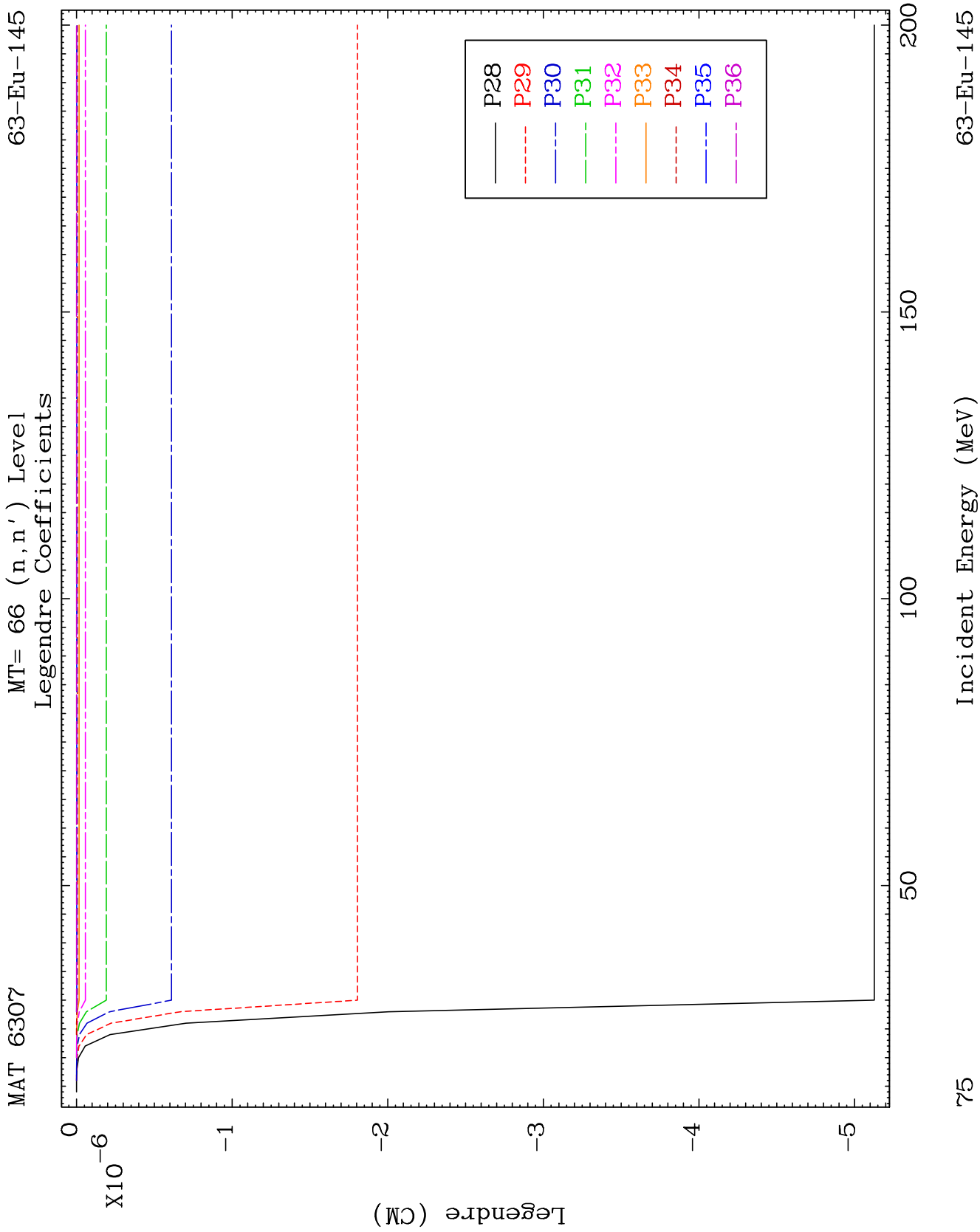










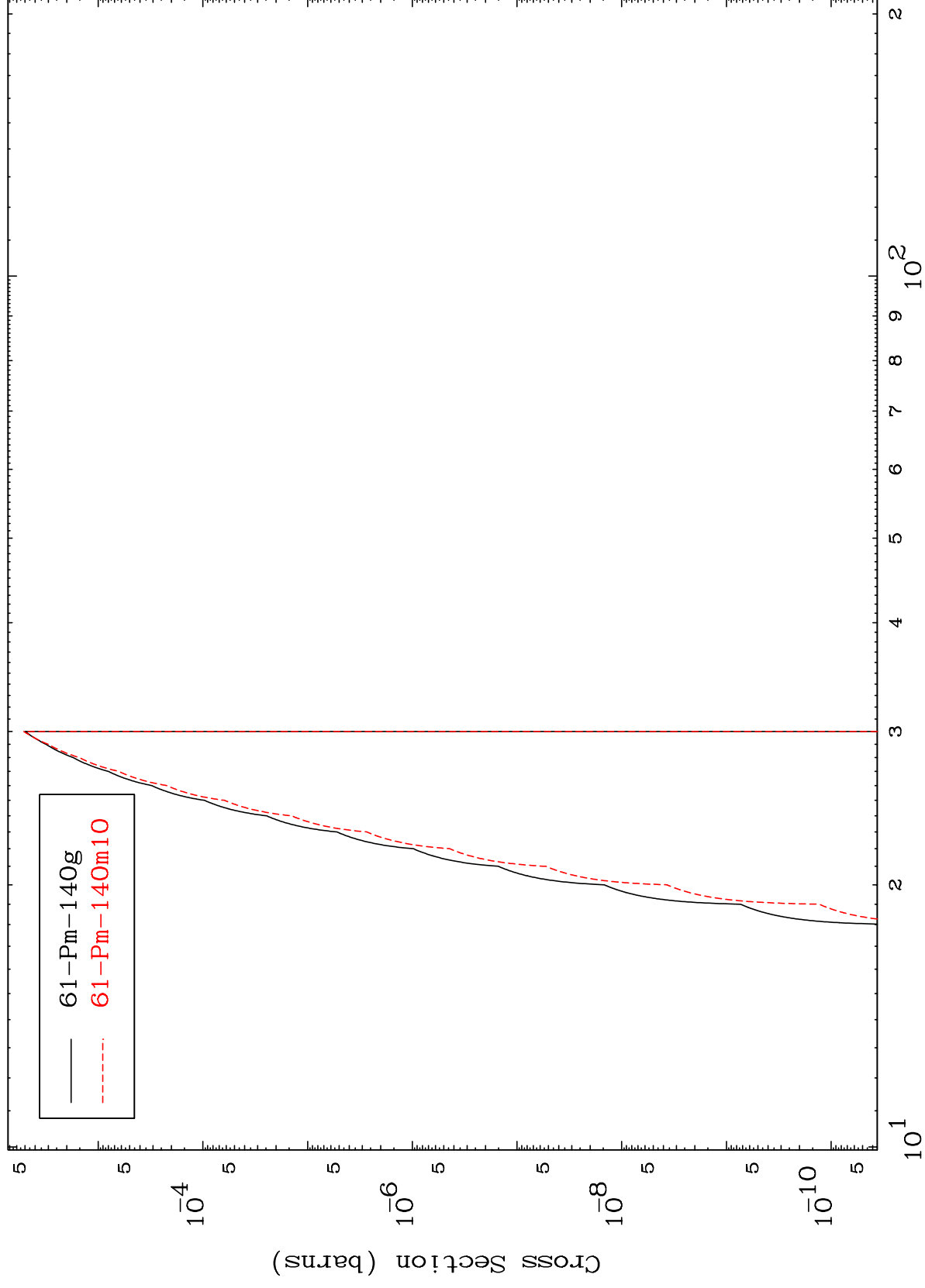


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63-Eu-145

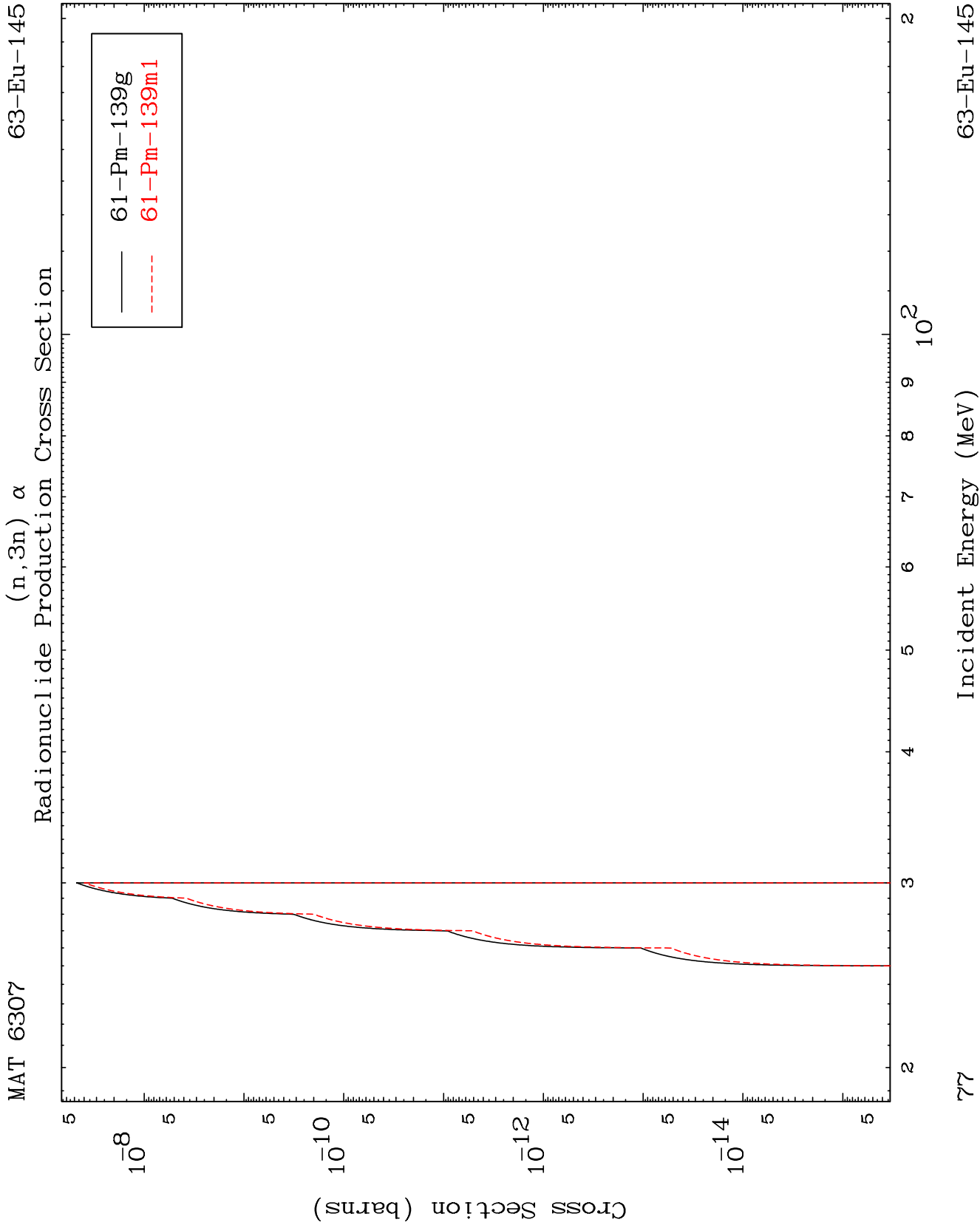
$$(n, 2n) \propto$$

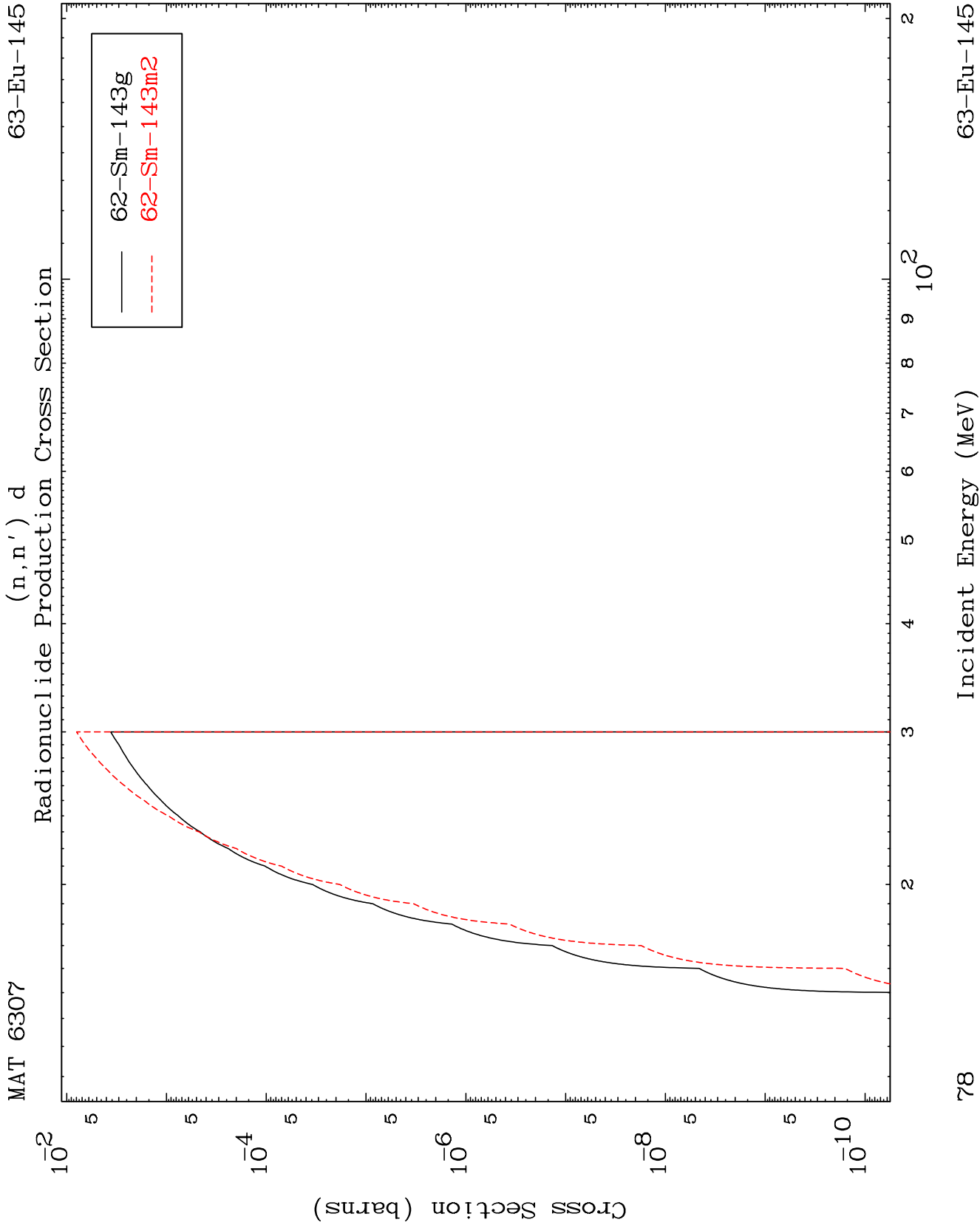
Radionuclide Production Cross Section

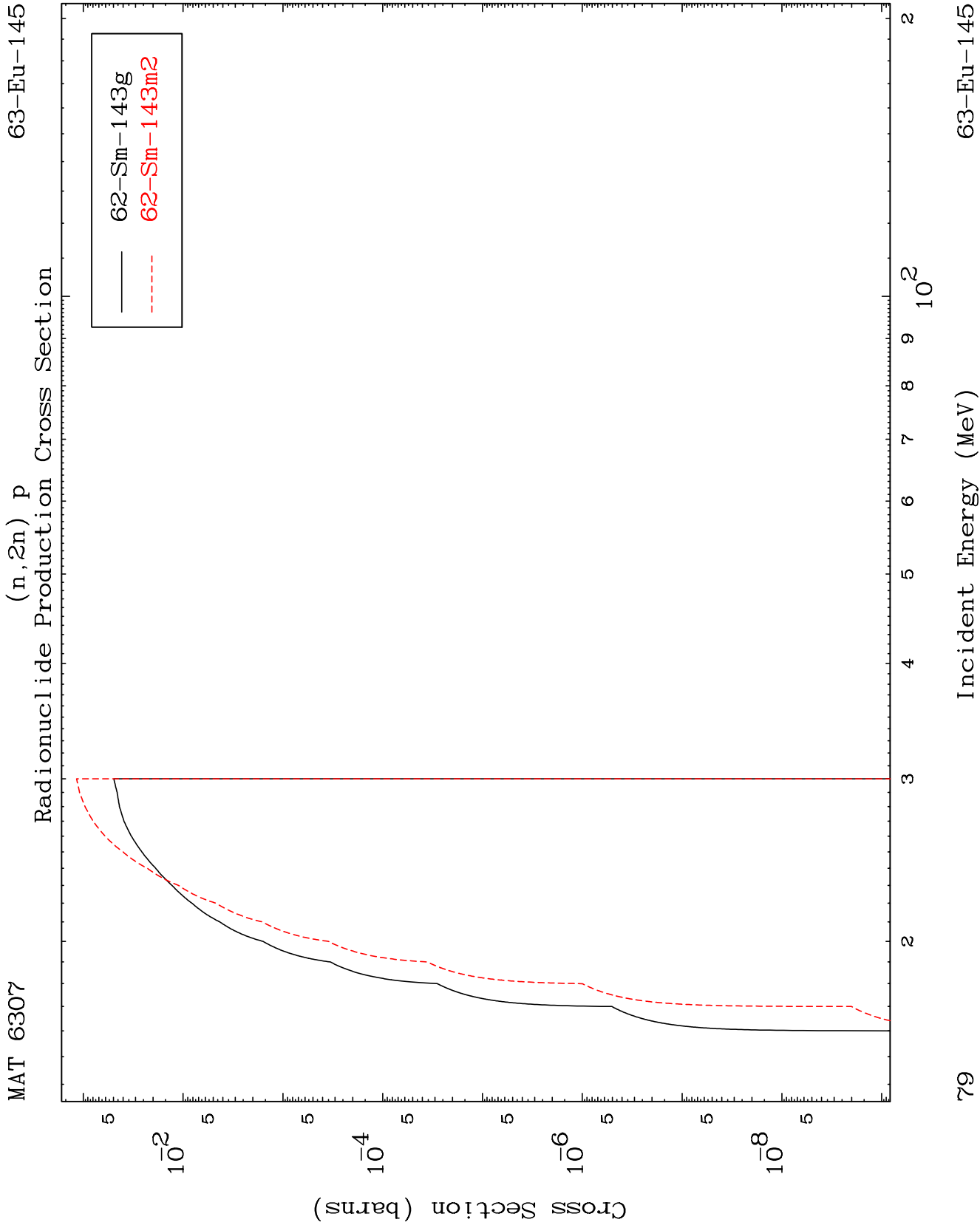


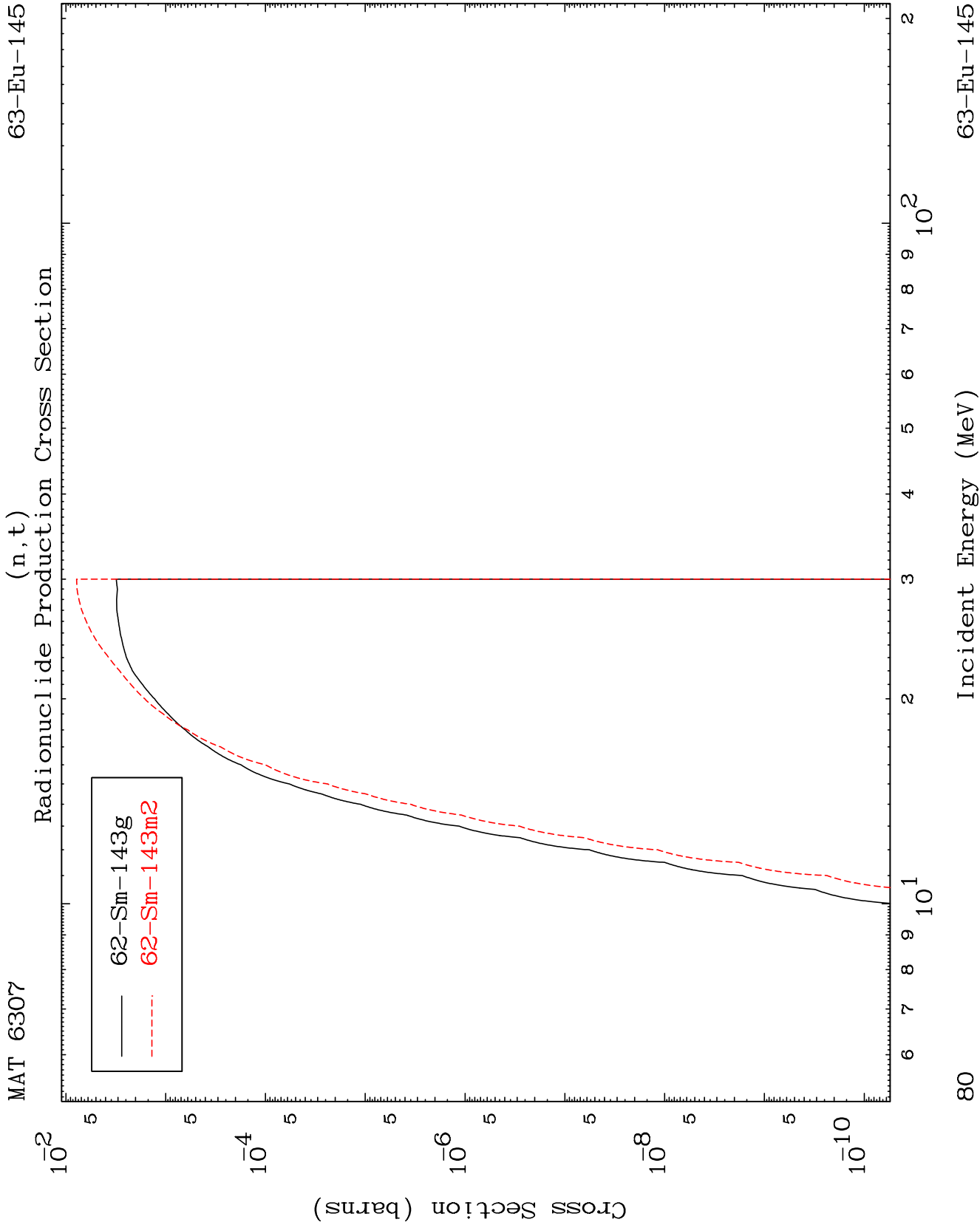
63-Eu-145

Incident Energy (MeV)





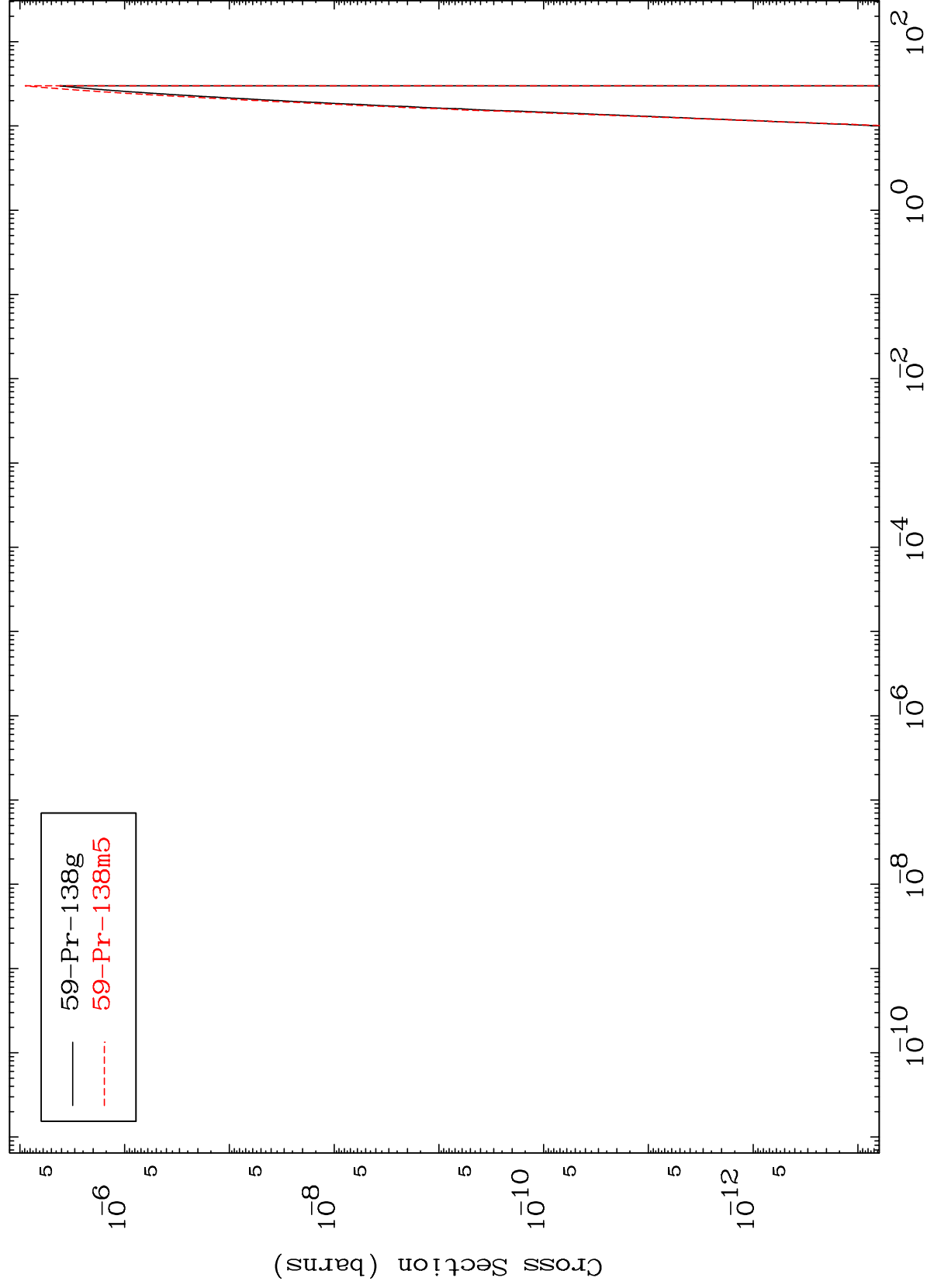




MAT 6307

63-Eu-145

Radionuclide Production Cross Section
(n,2 α)



81

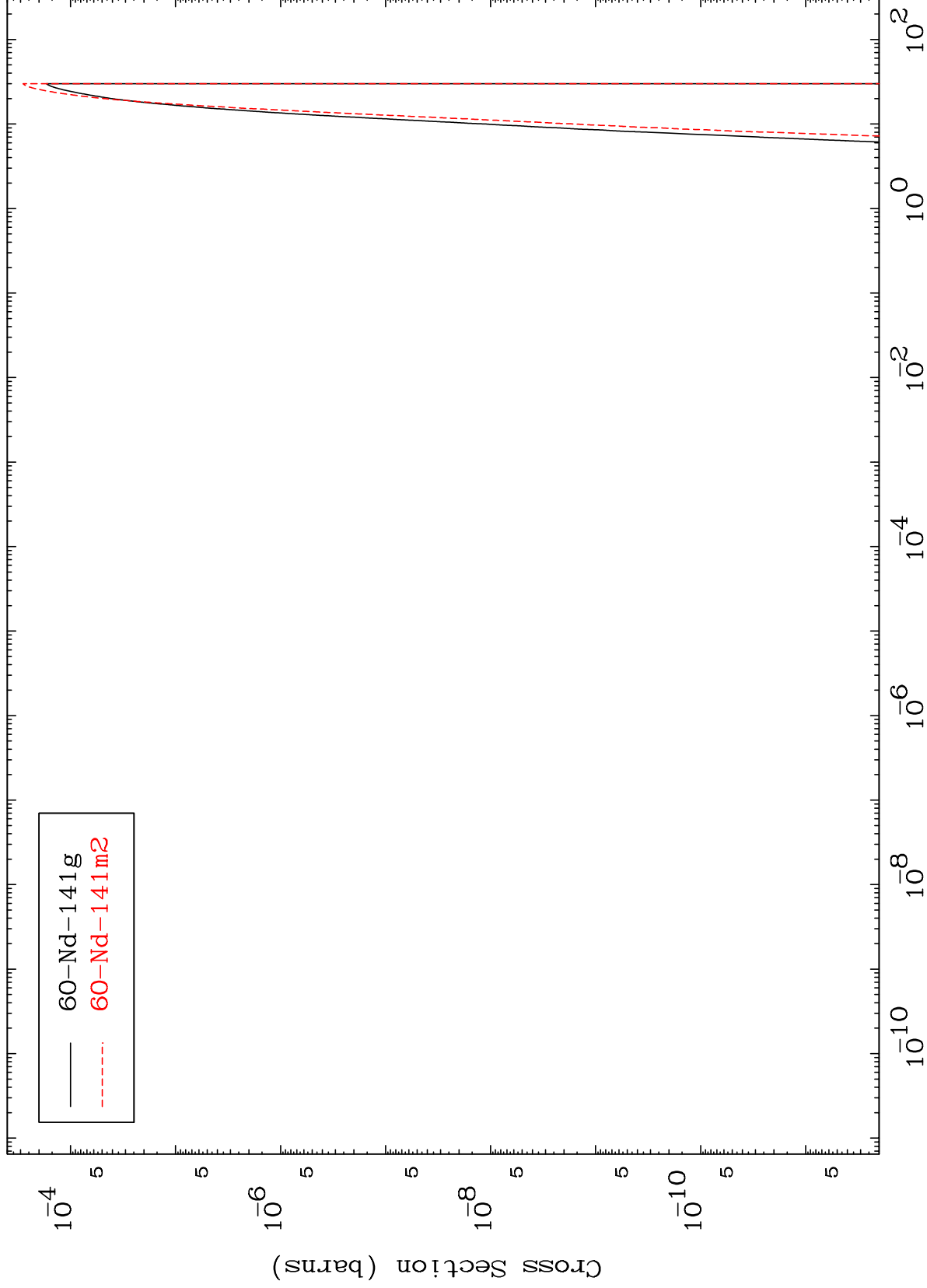
63-Eu-145

MAT 6307

(n,p) α

63-Eu-145

Radionuclide Production Cross Section



82

Incident Energy (MeV)

63-Eu-145