

Program EVALPLOT
(Version 2021-1)

by

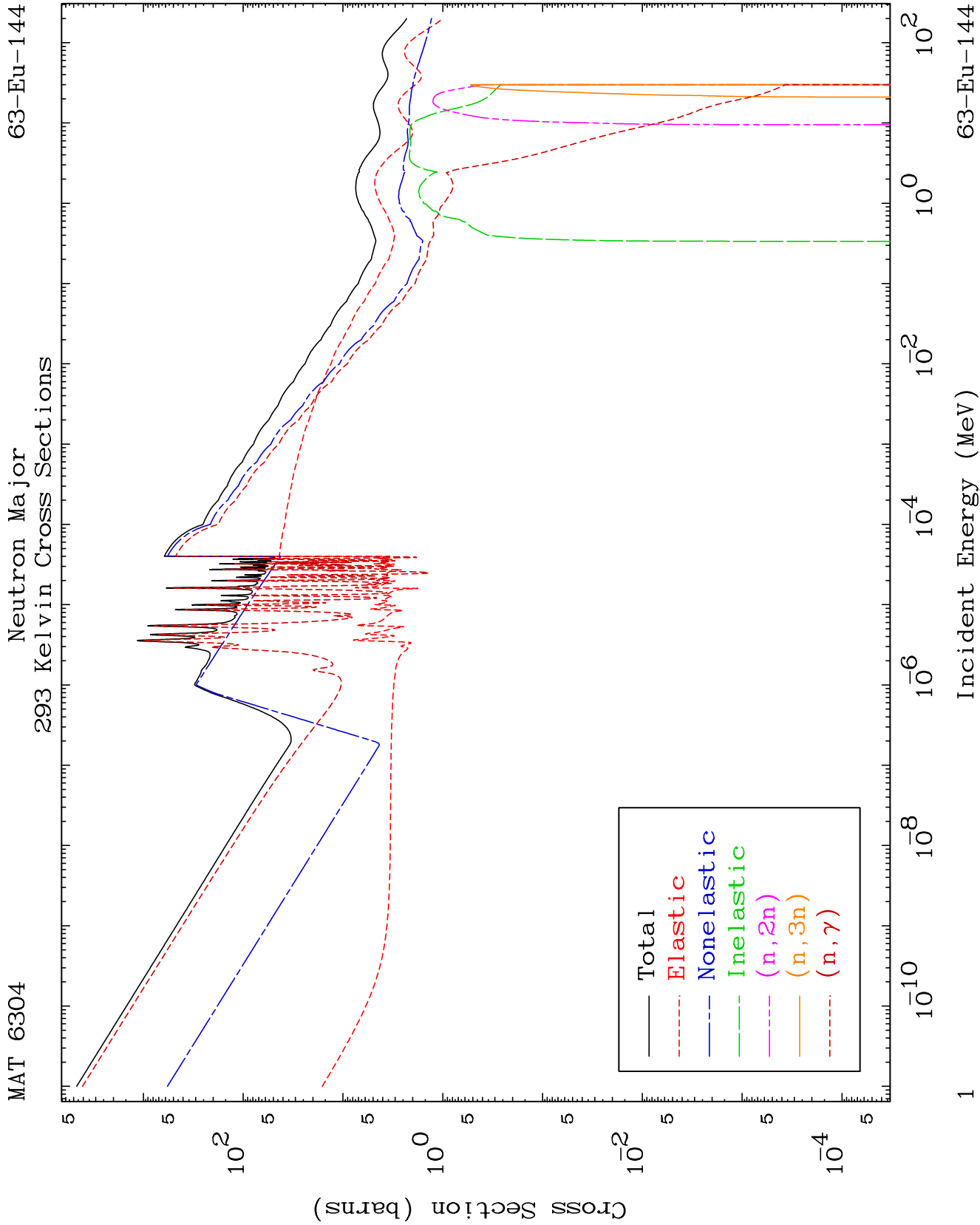
Dermott E. Cullen
(Present Contact Information)

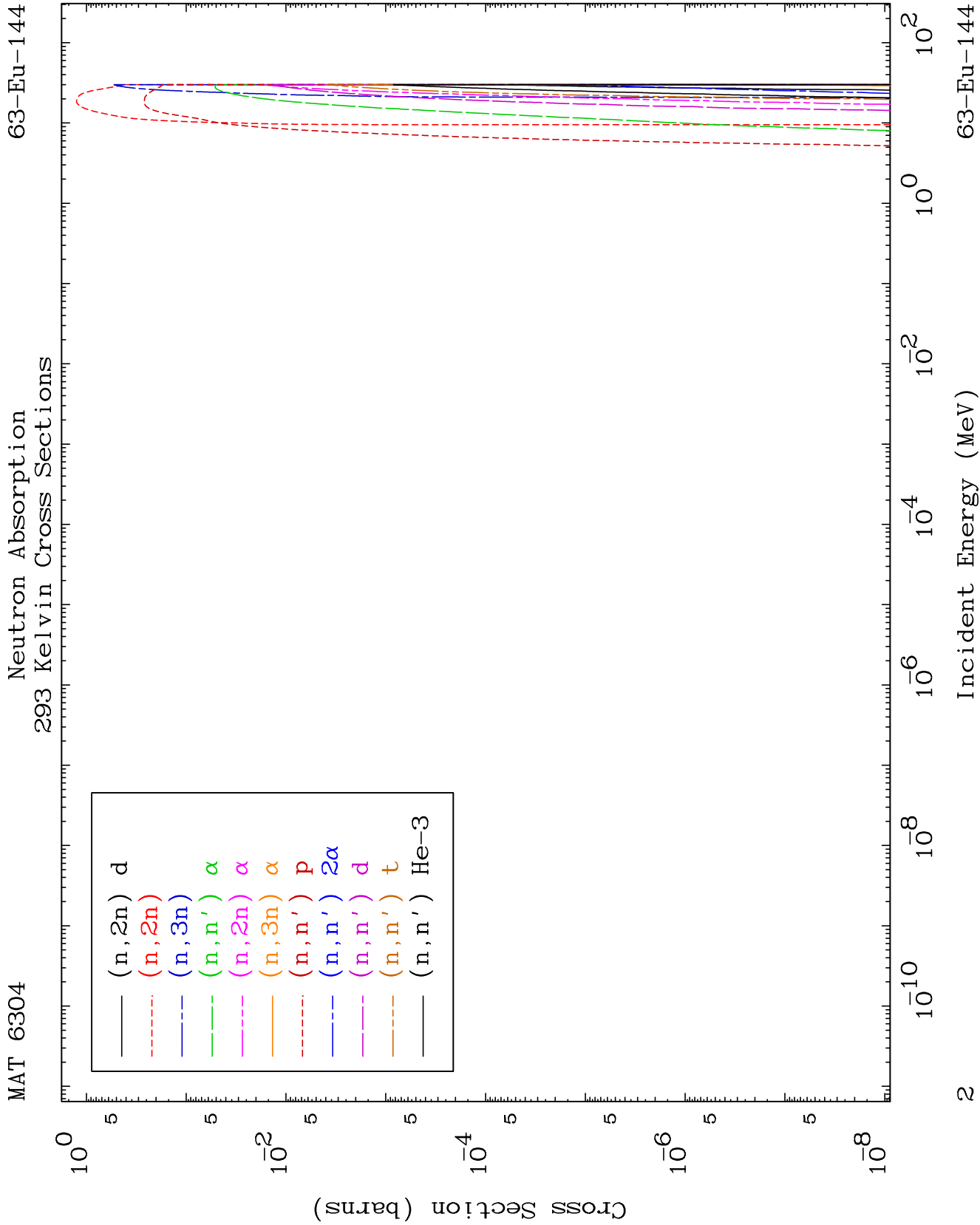
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

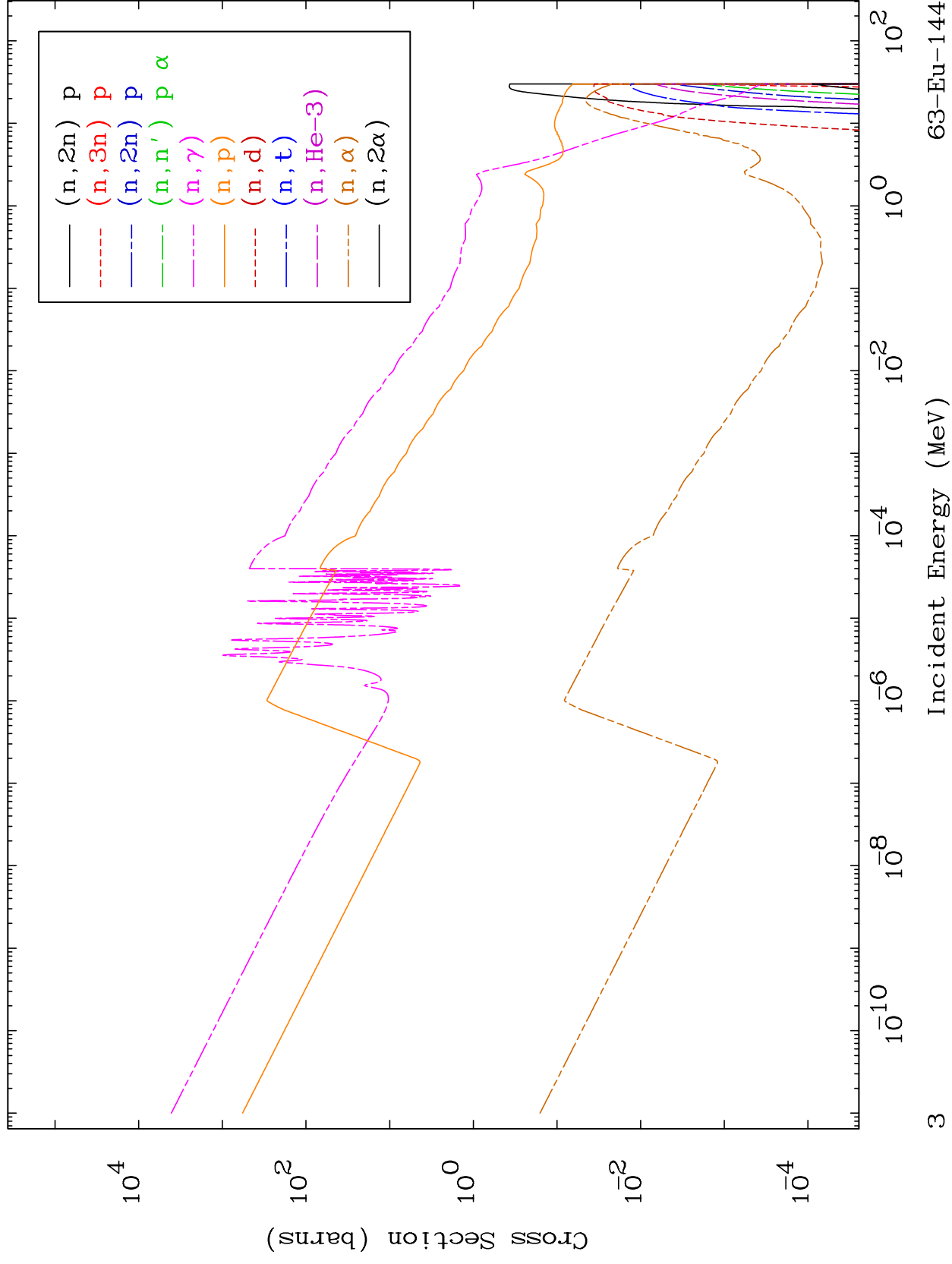
Tele: 925-443-1911

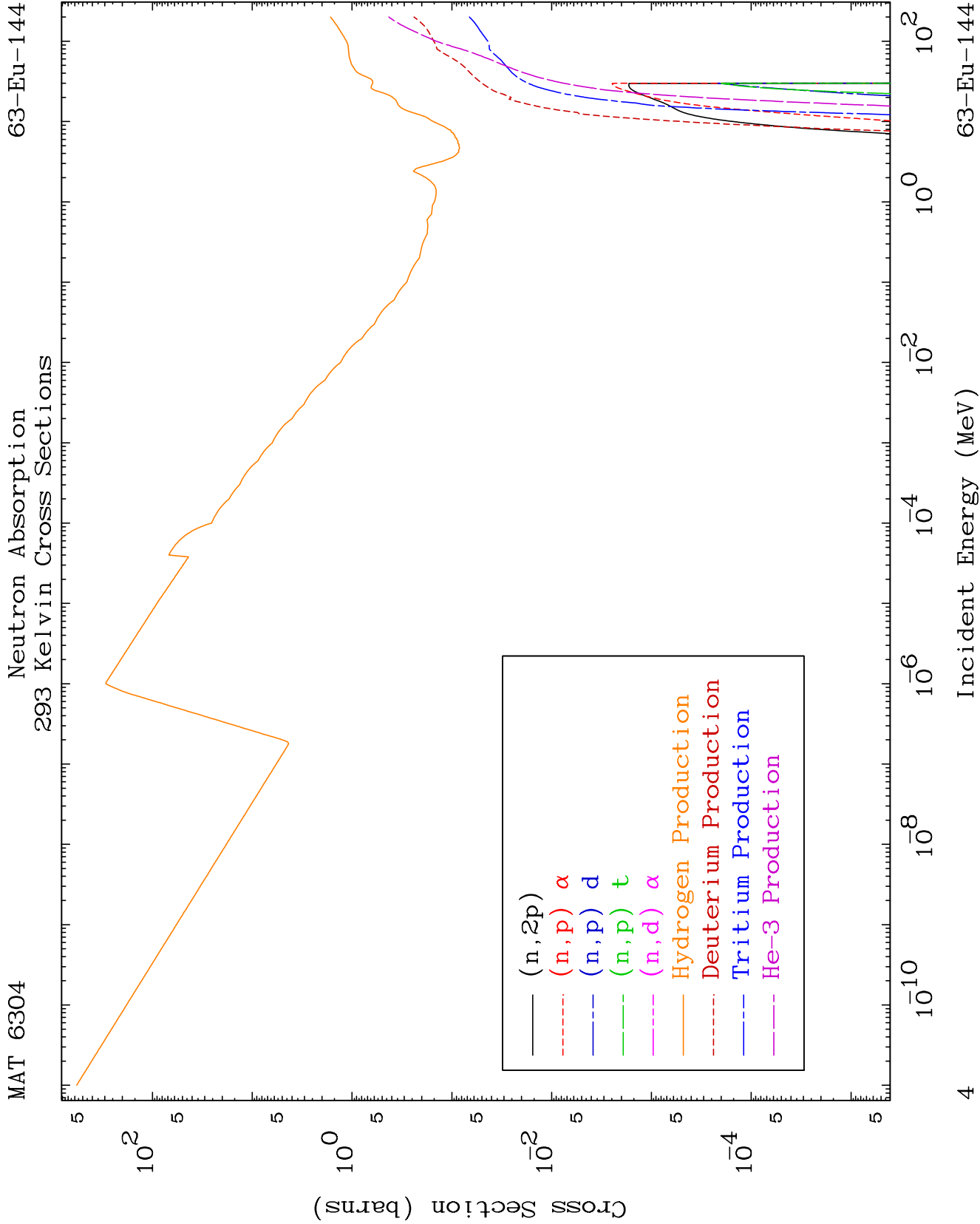
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

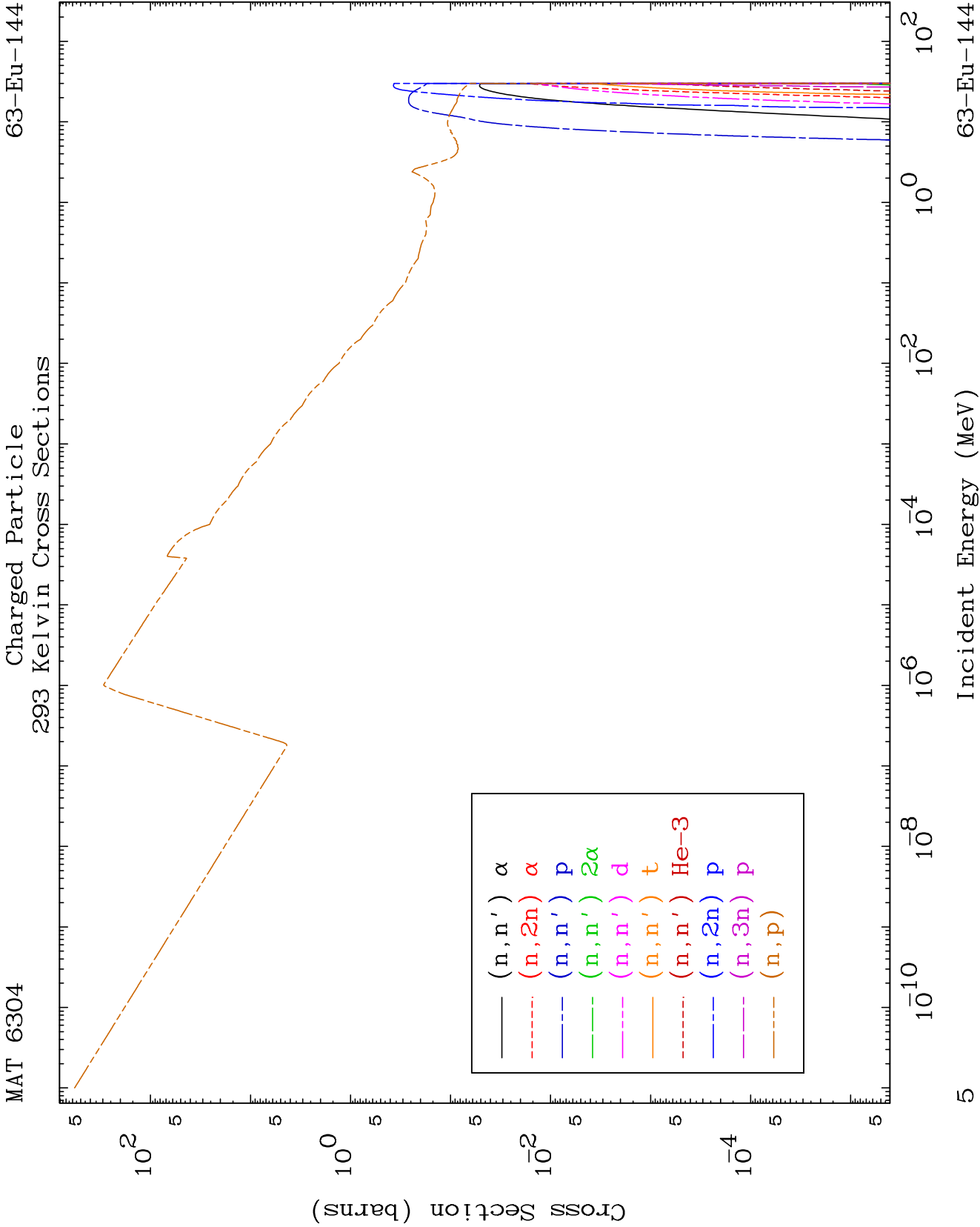
Press Mouse Button to Start

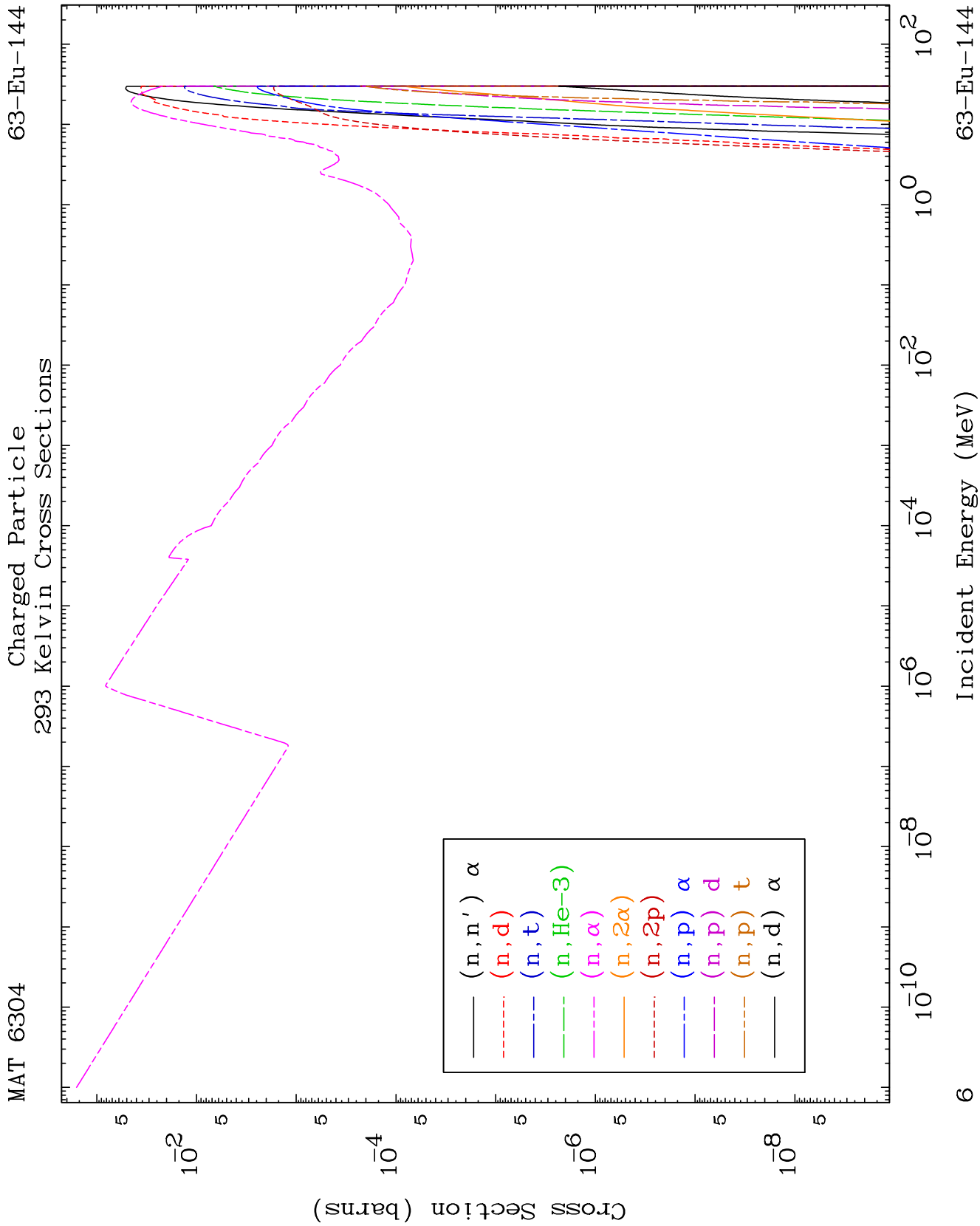


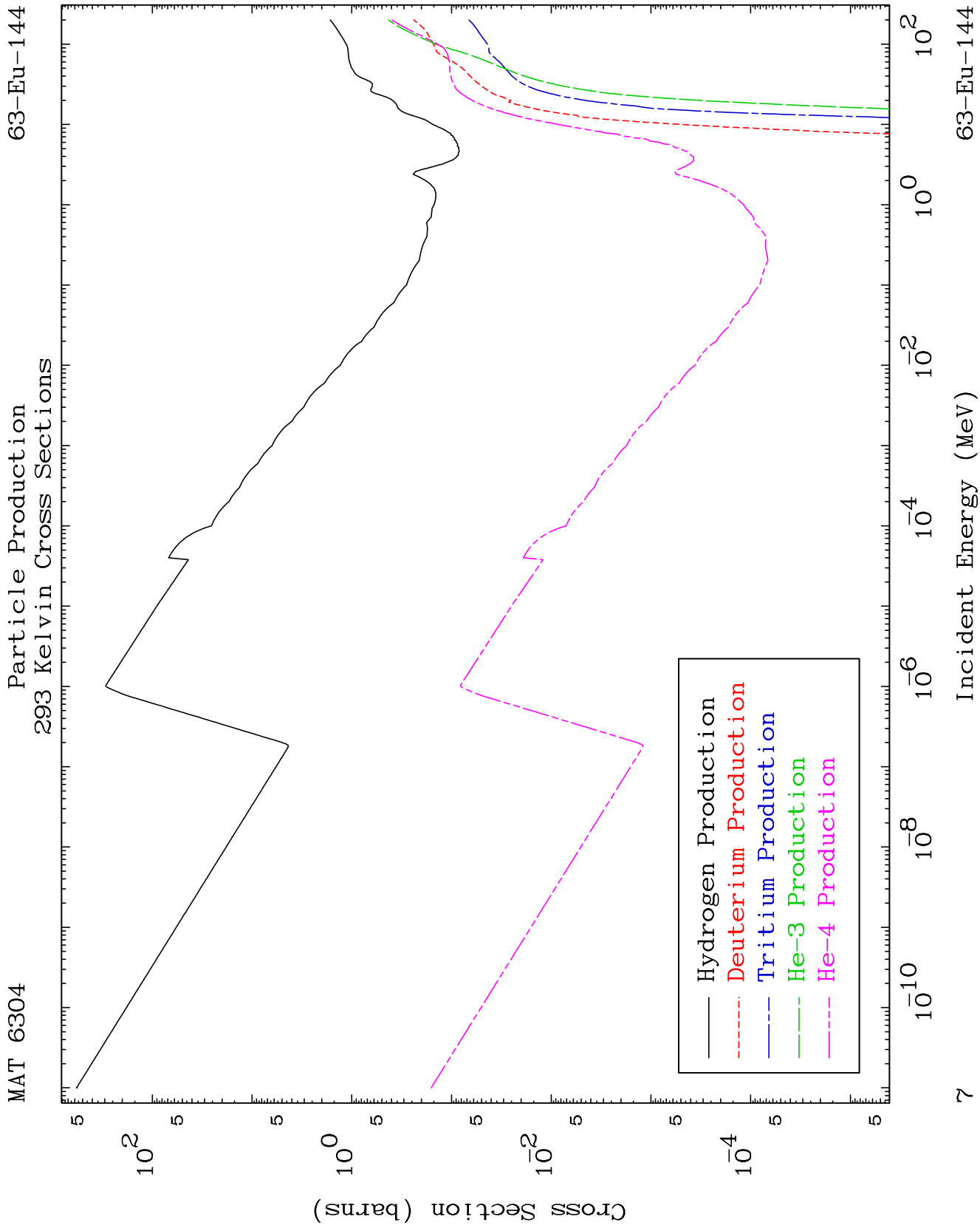


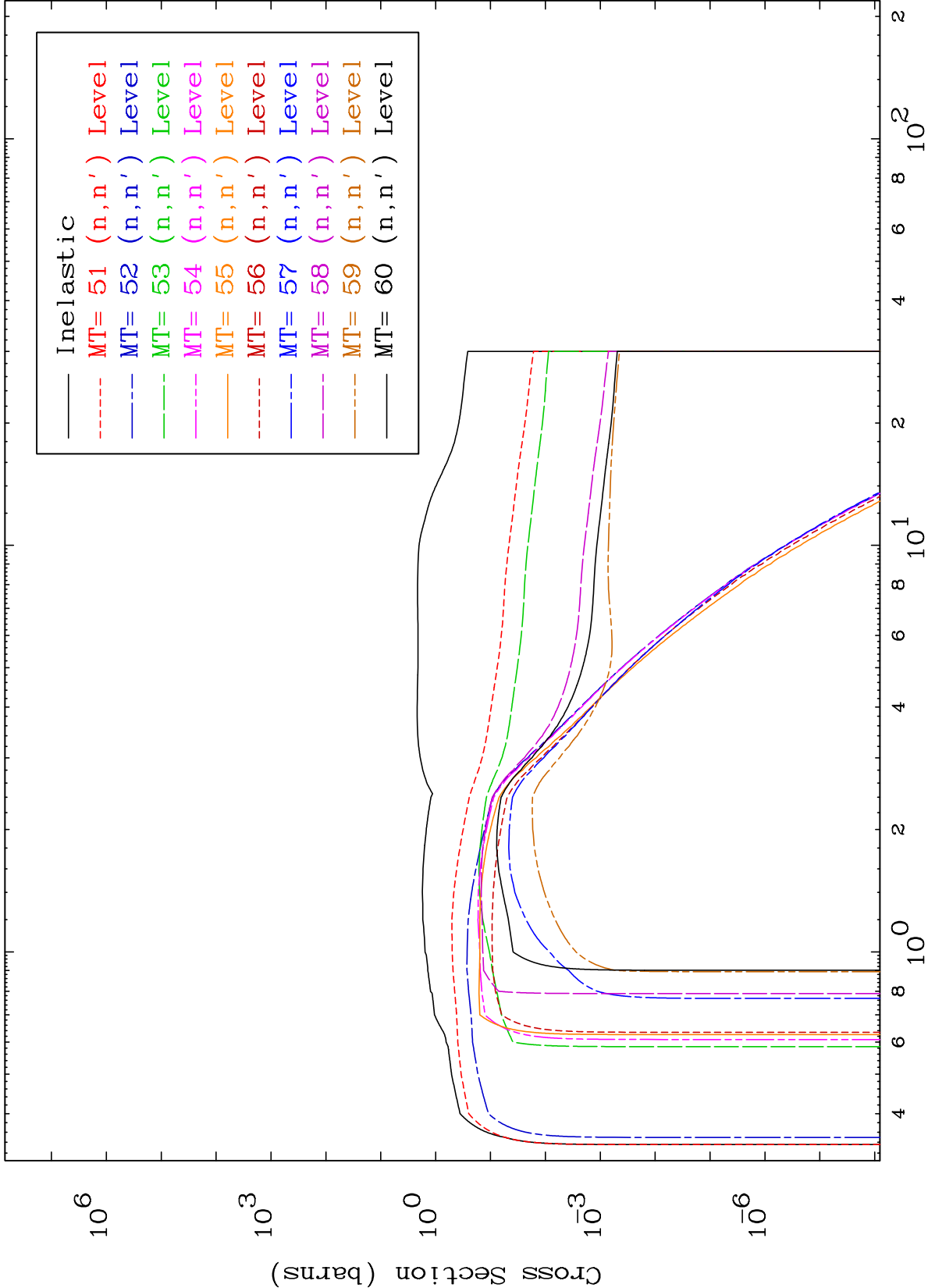




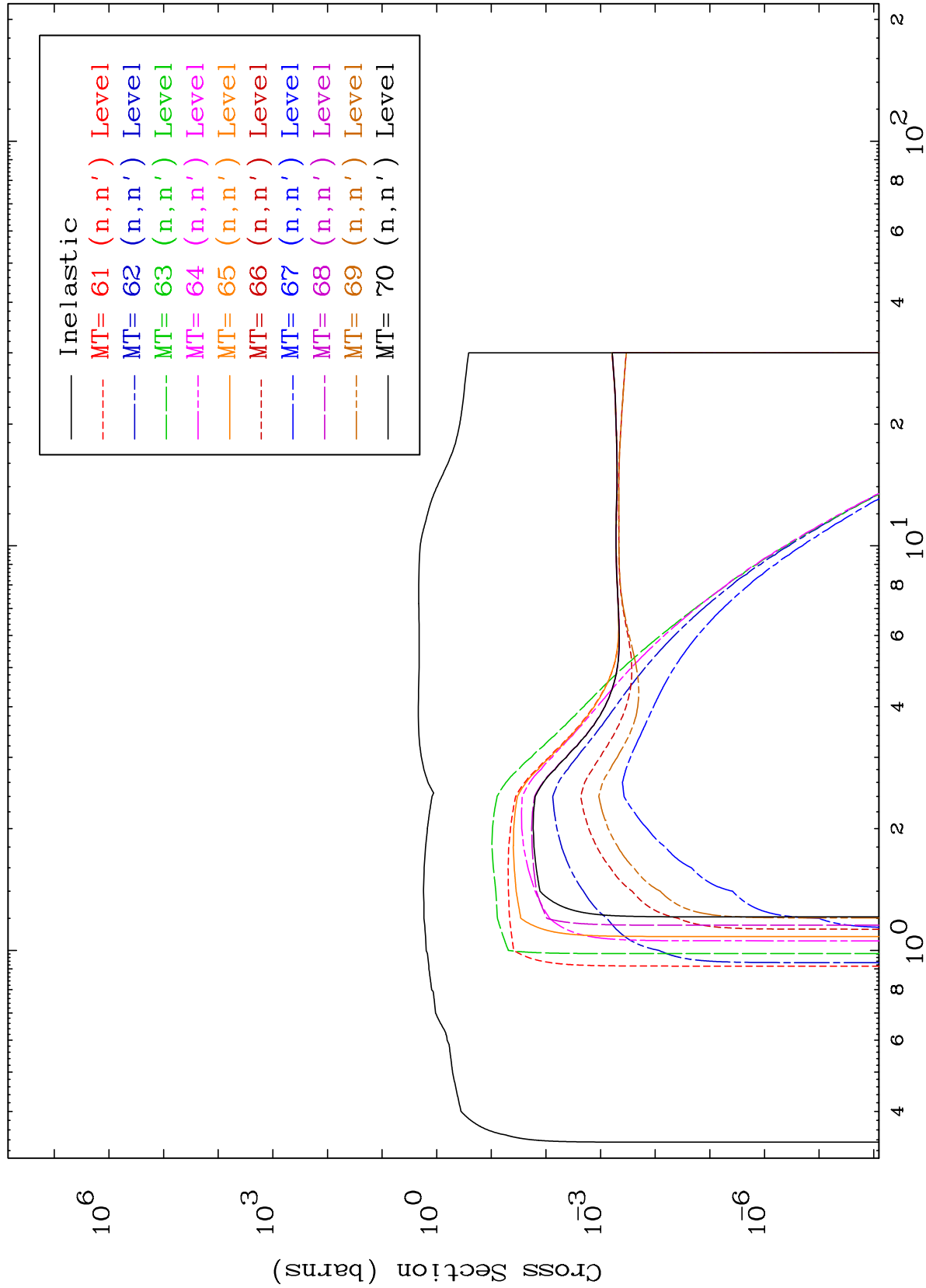








293 Kelvin Cross Sections

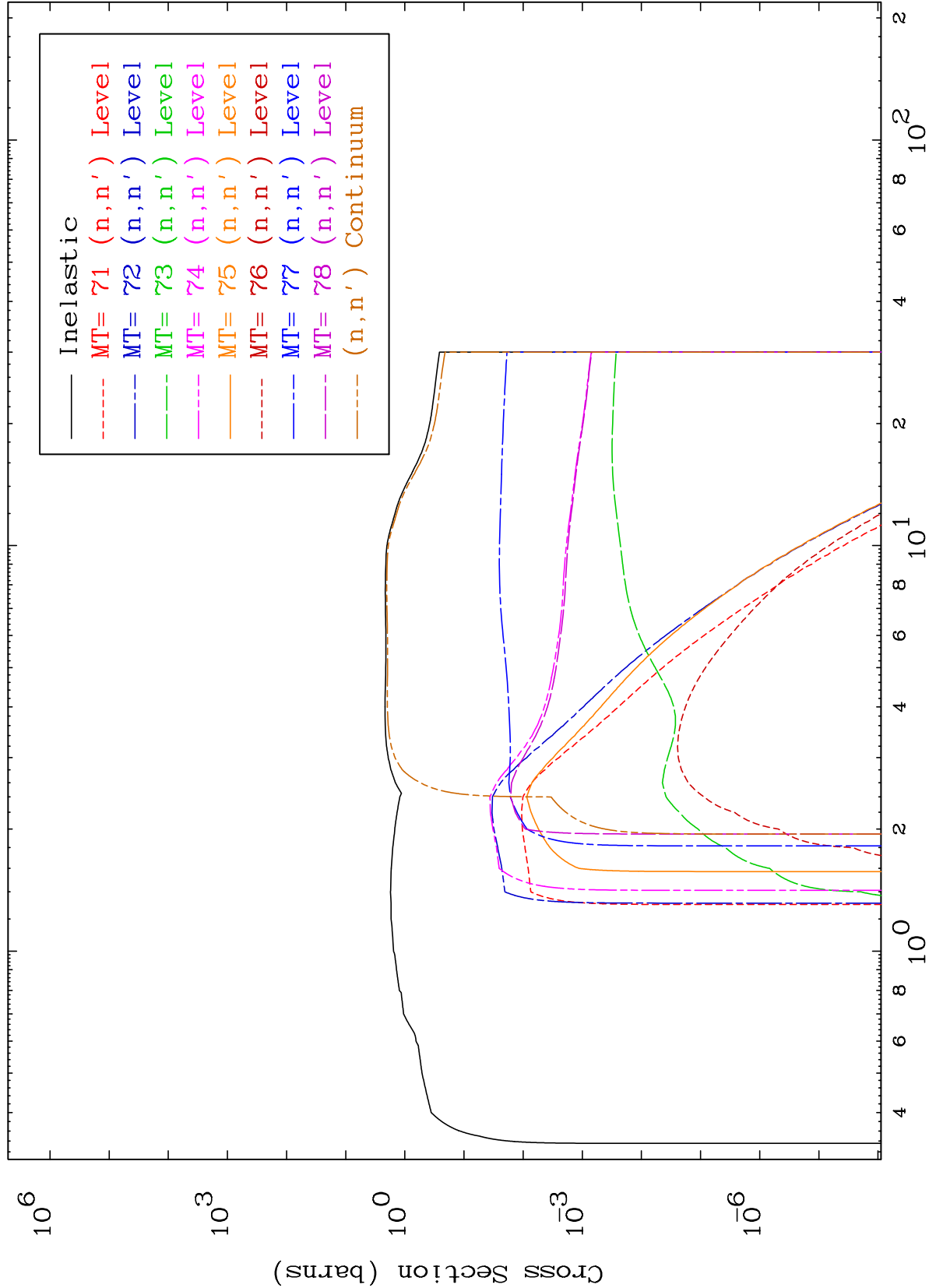


MAT 6304

(n,n') Levels

63-Eu-144

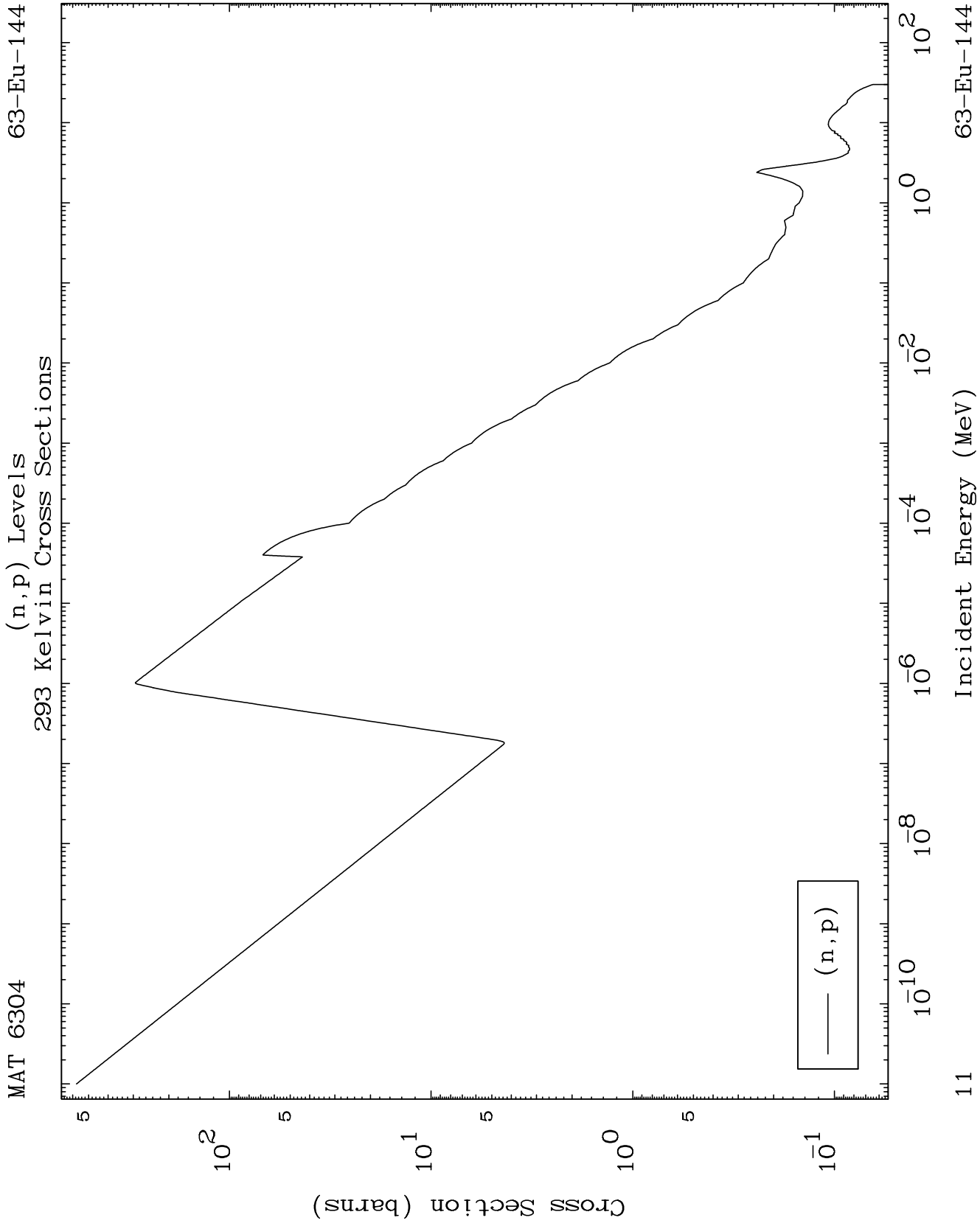
293 Kelvin Cross Sections



10

Incident Energy (MeV)

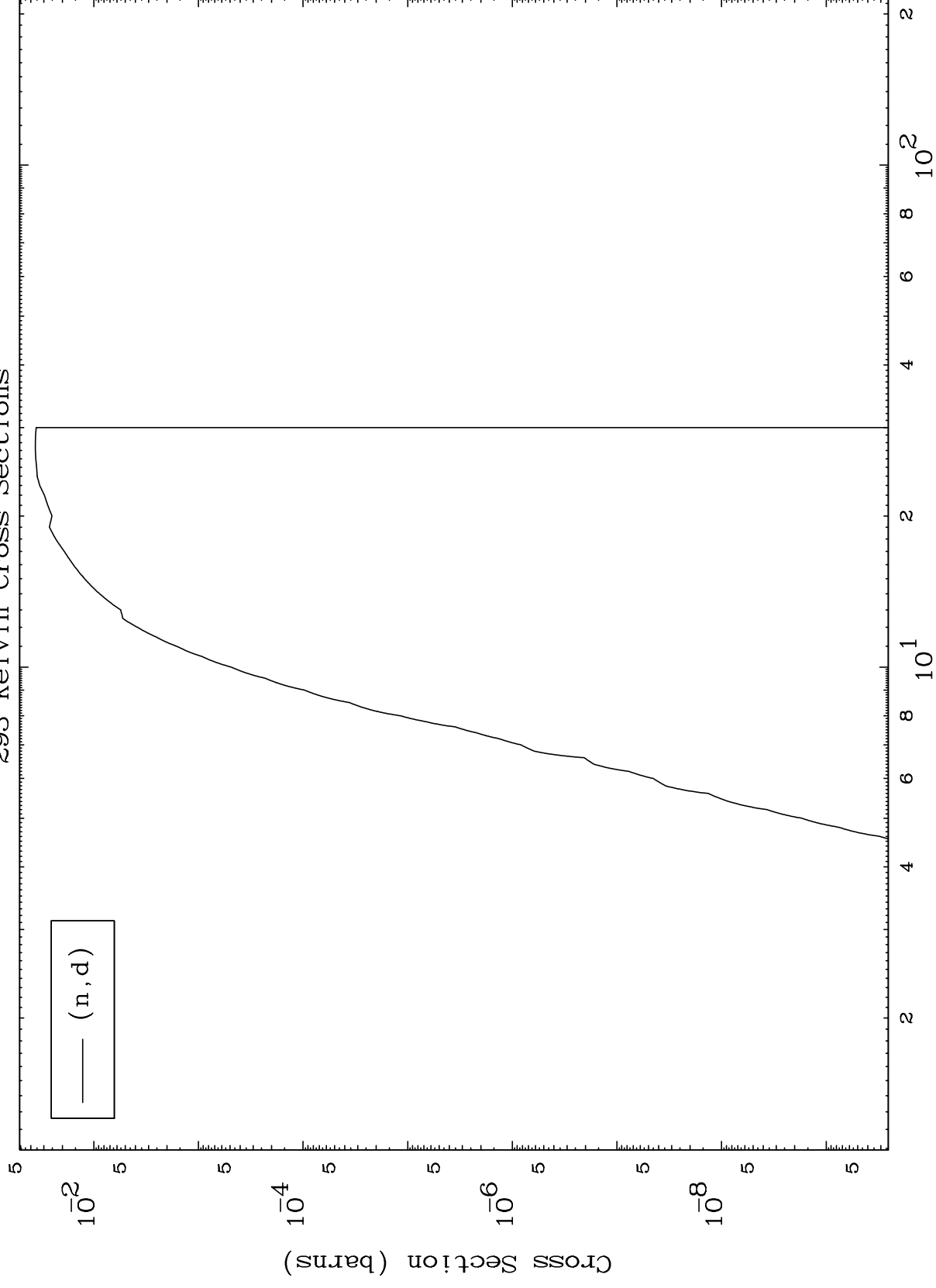
63-Eu-144



MAT 6304

63-Eu-144

(n,d) Levels
293 Kelvin Cross Sections



12

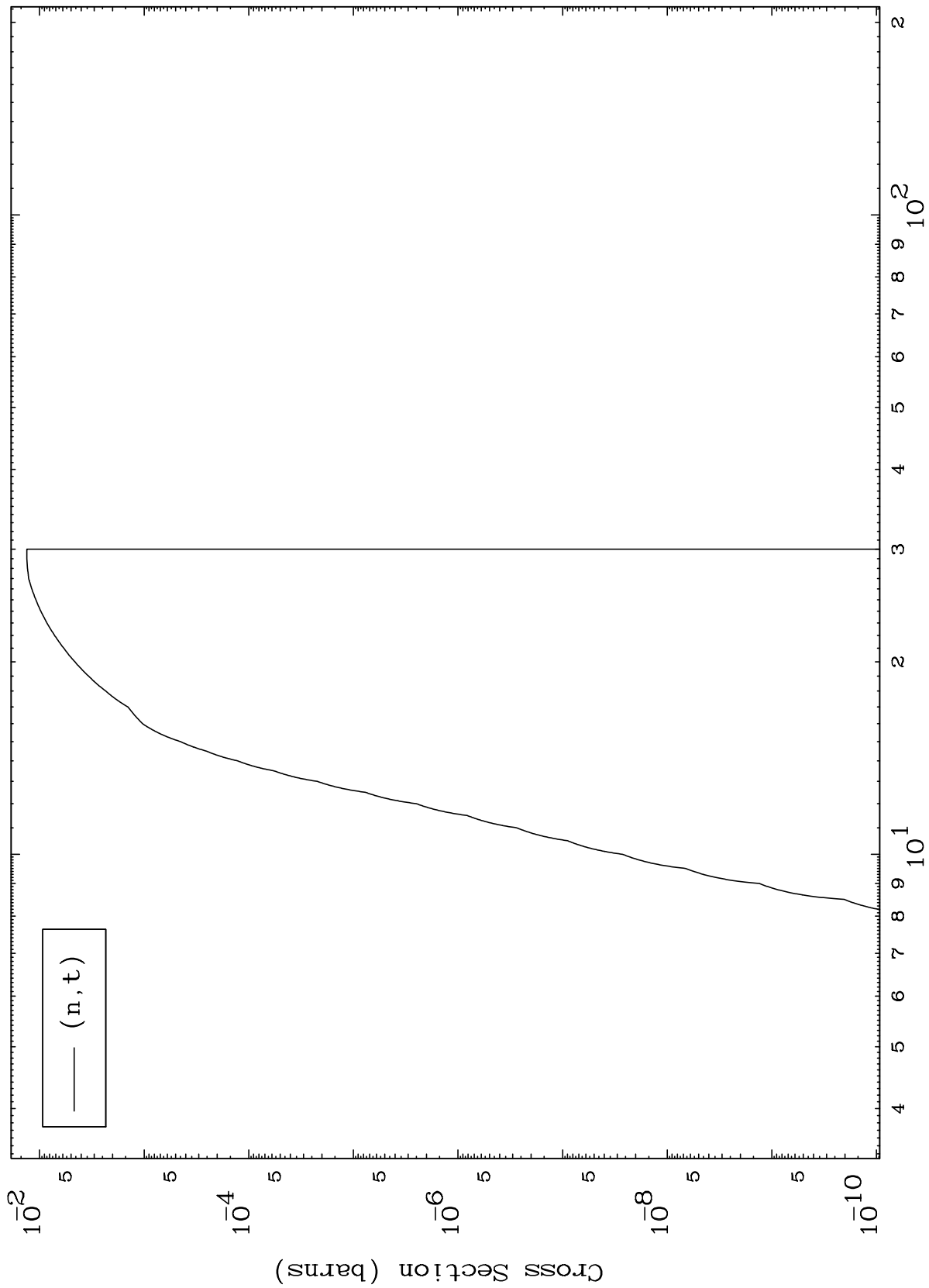
Incident Energy (MeV)

63-Eu-144

MAT 6304

63-Eu-144

(n,t) Levels
293 Kelvin Cross Sections



63-Eu-144

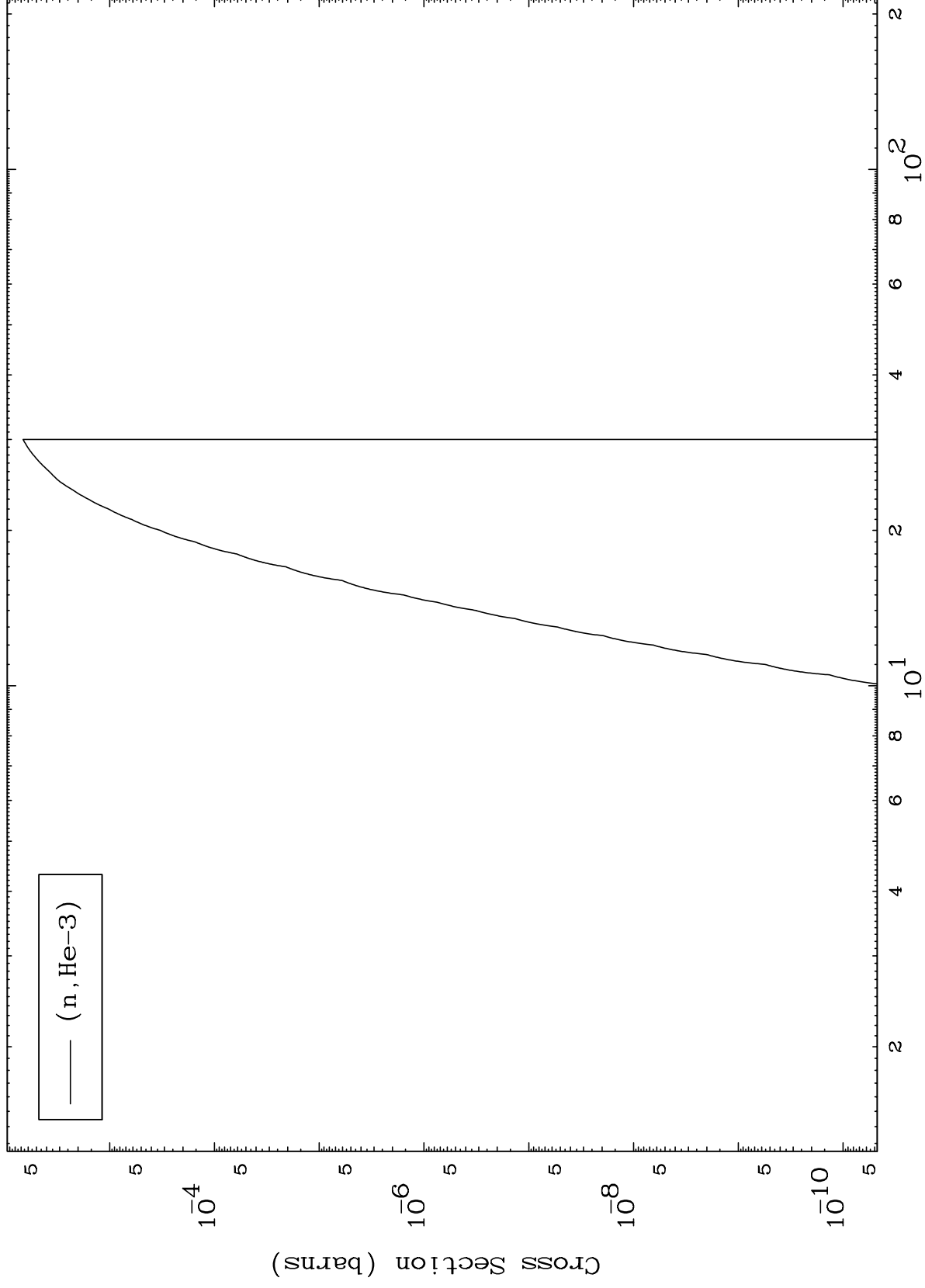
Incident Energy (MeV)

13

MAT 6304

(n,He3) Levels
293 Kelvin Cross Sections

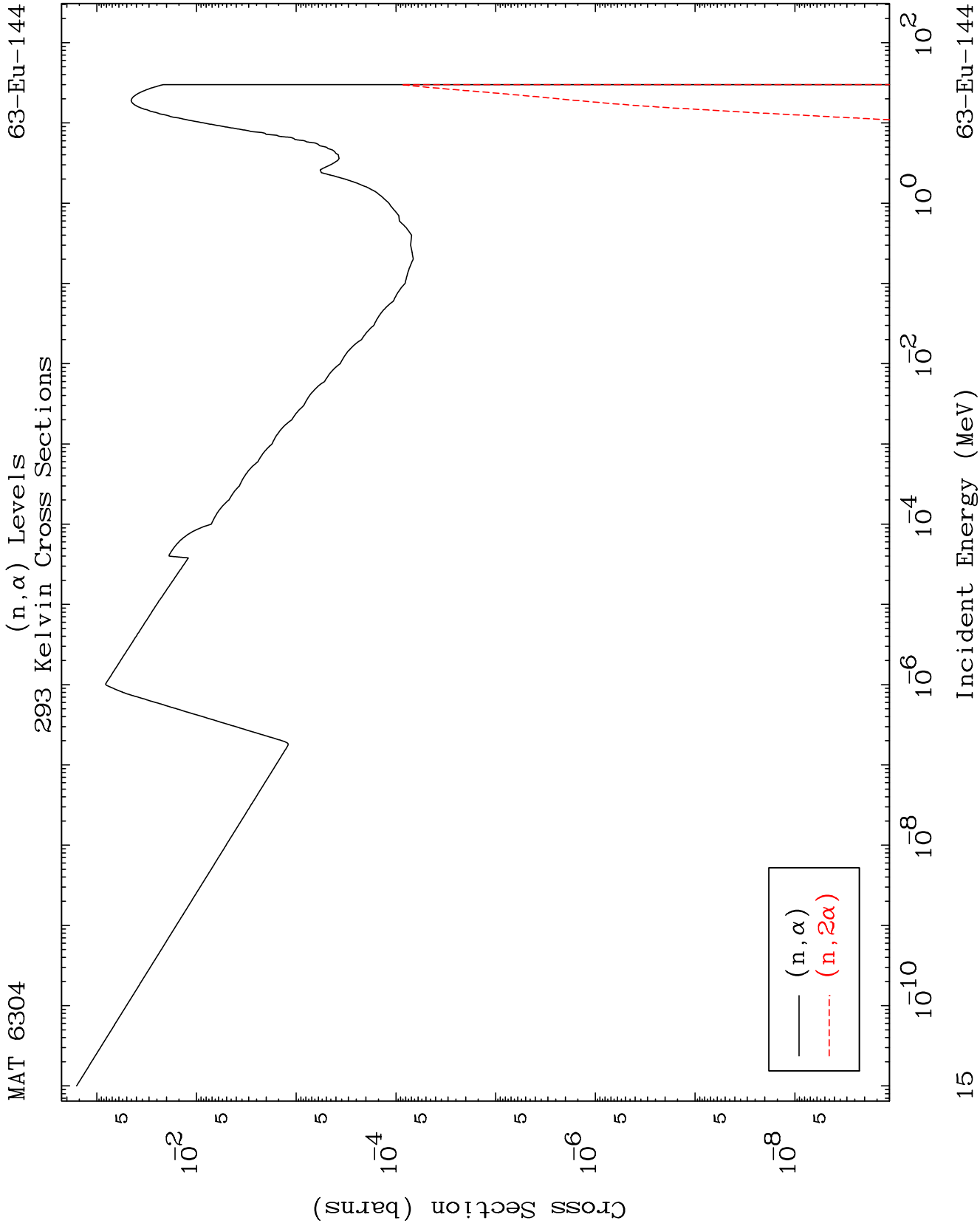
63-Eu-144

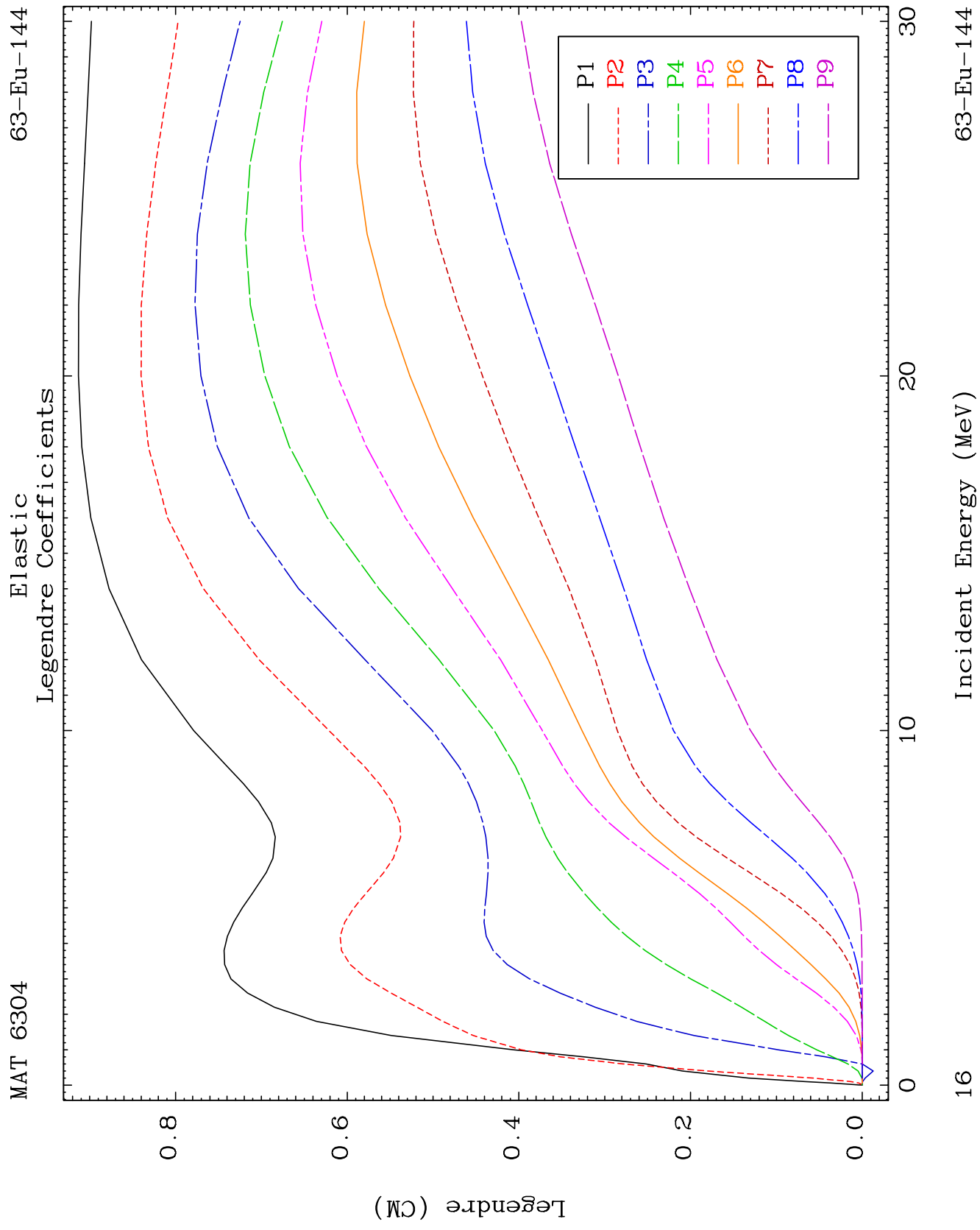


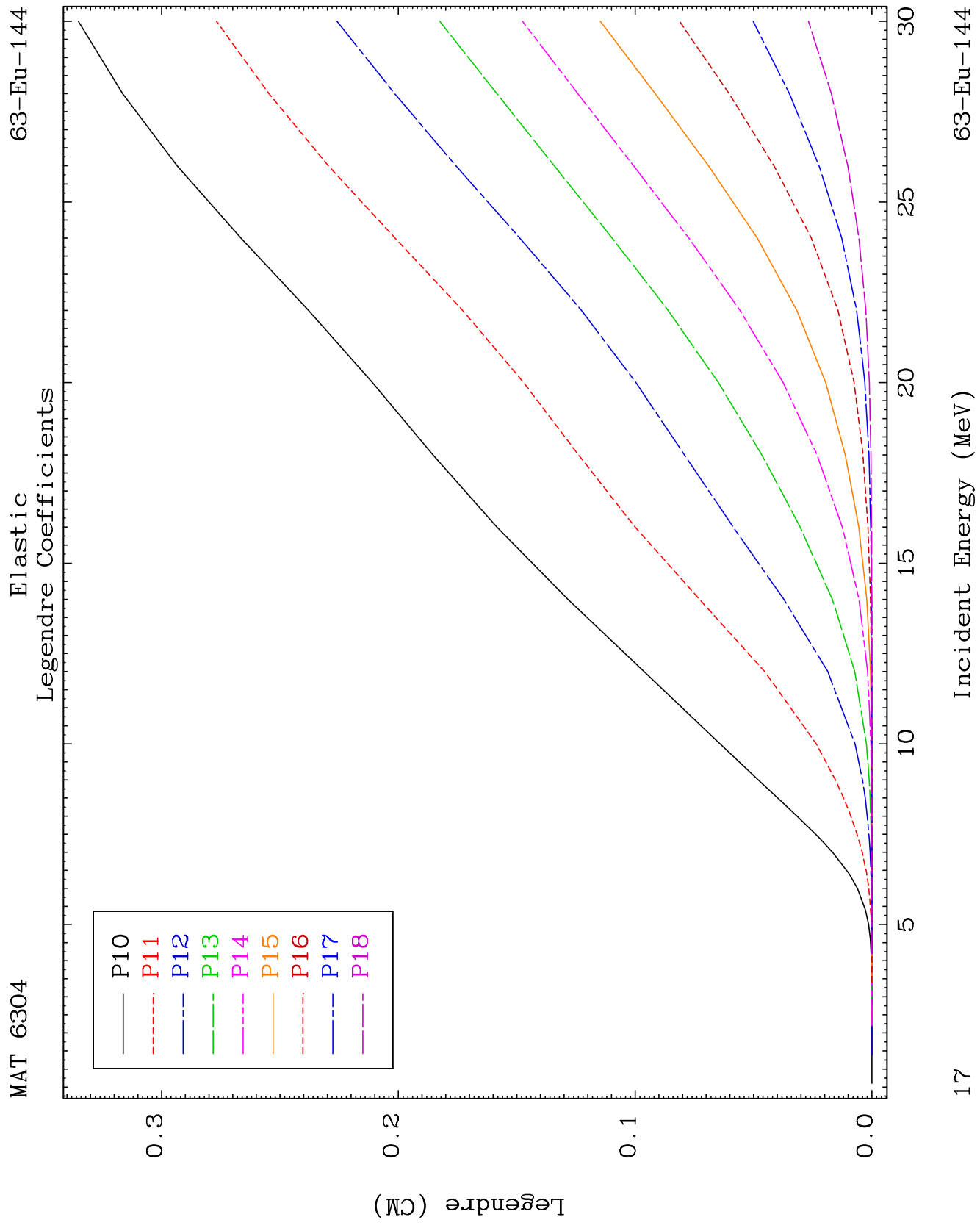
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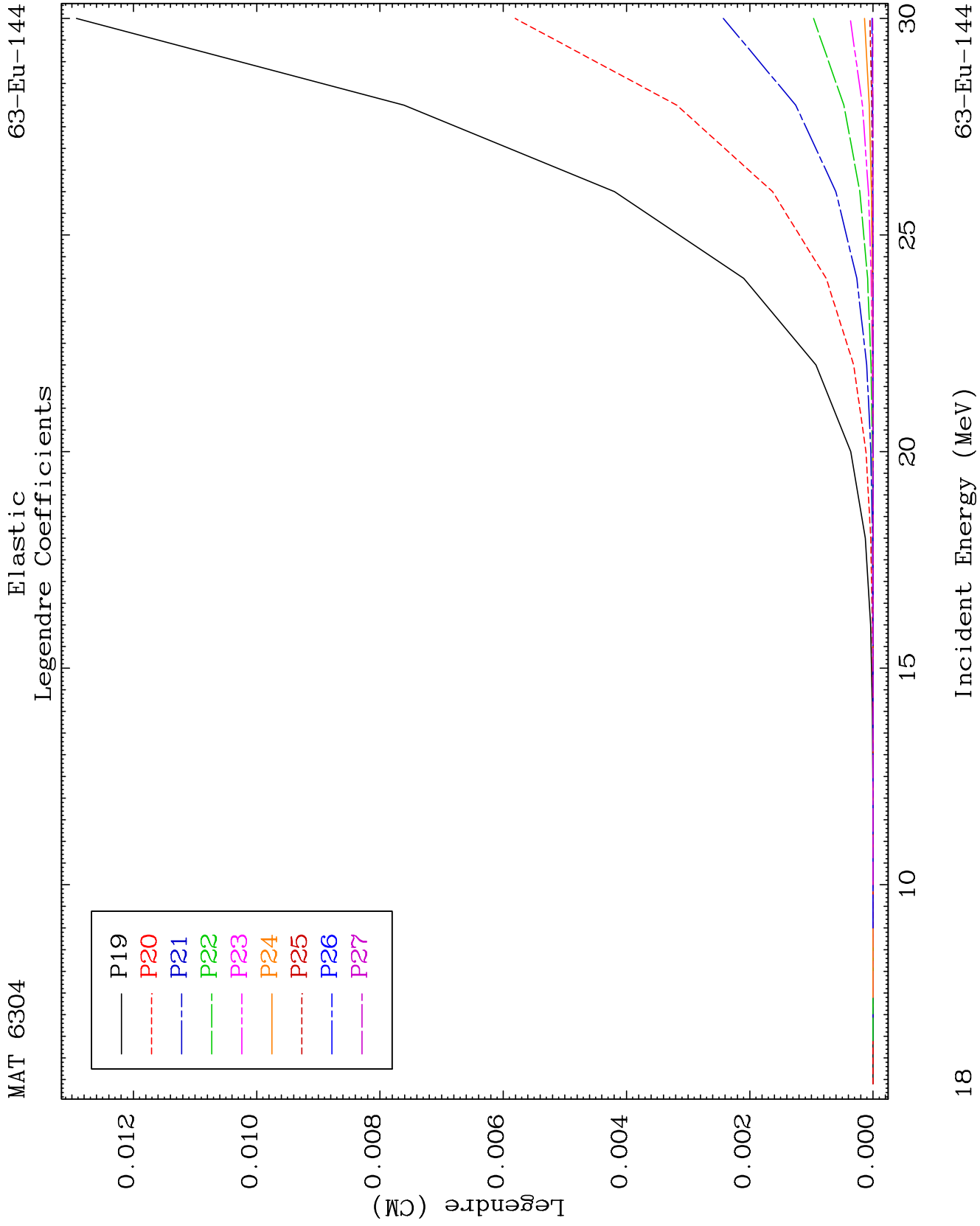
Incident Energy (MeV)

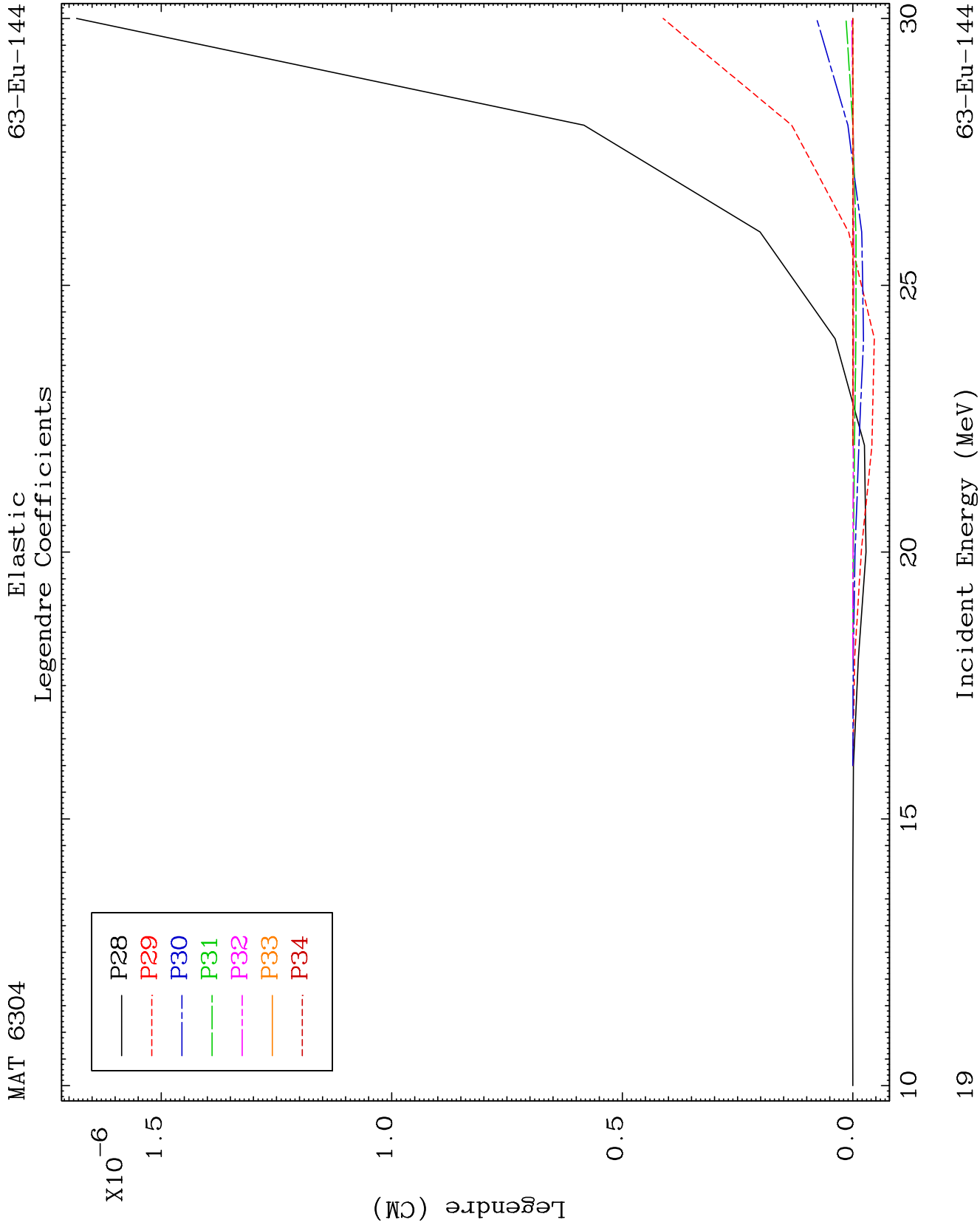
63-Eu-144







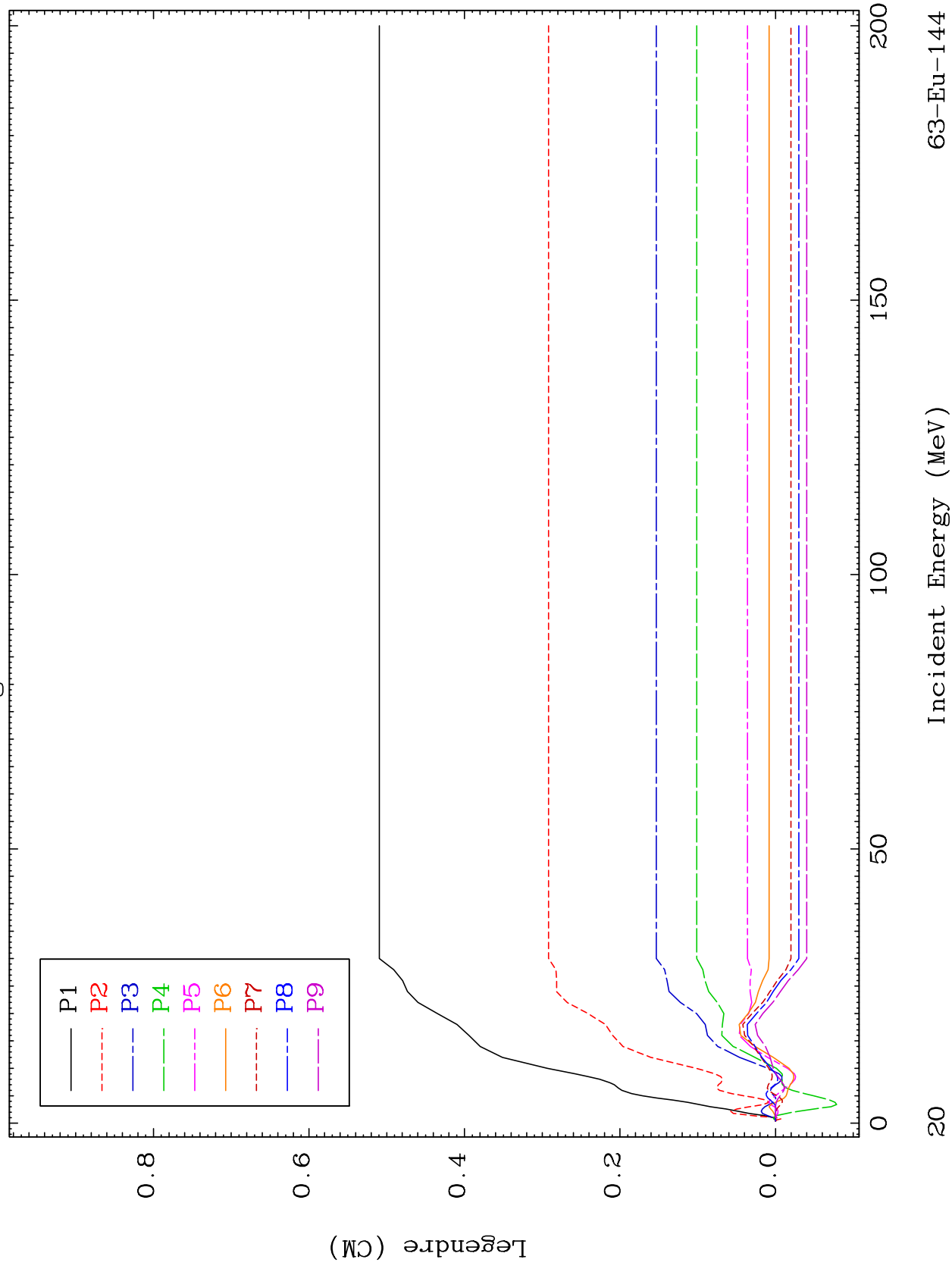




MAT 6304

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

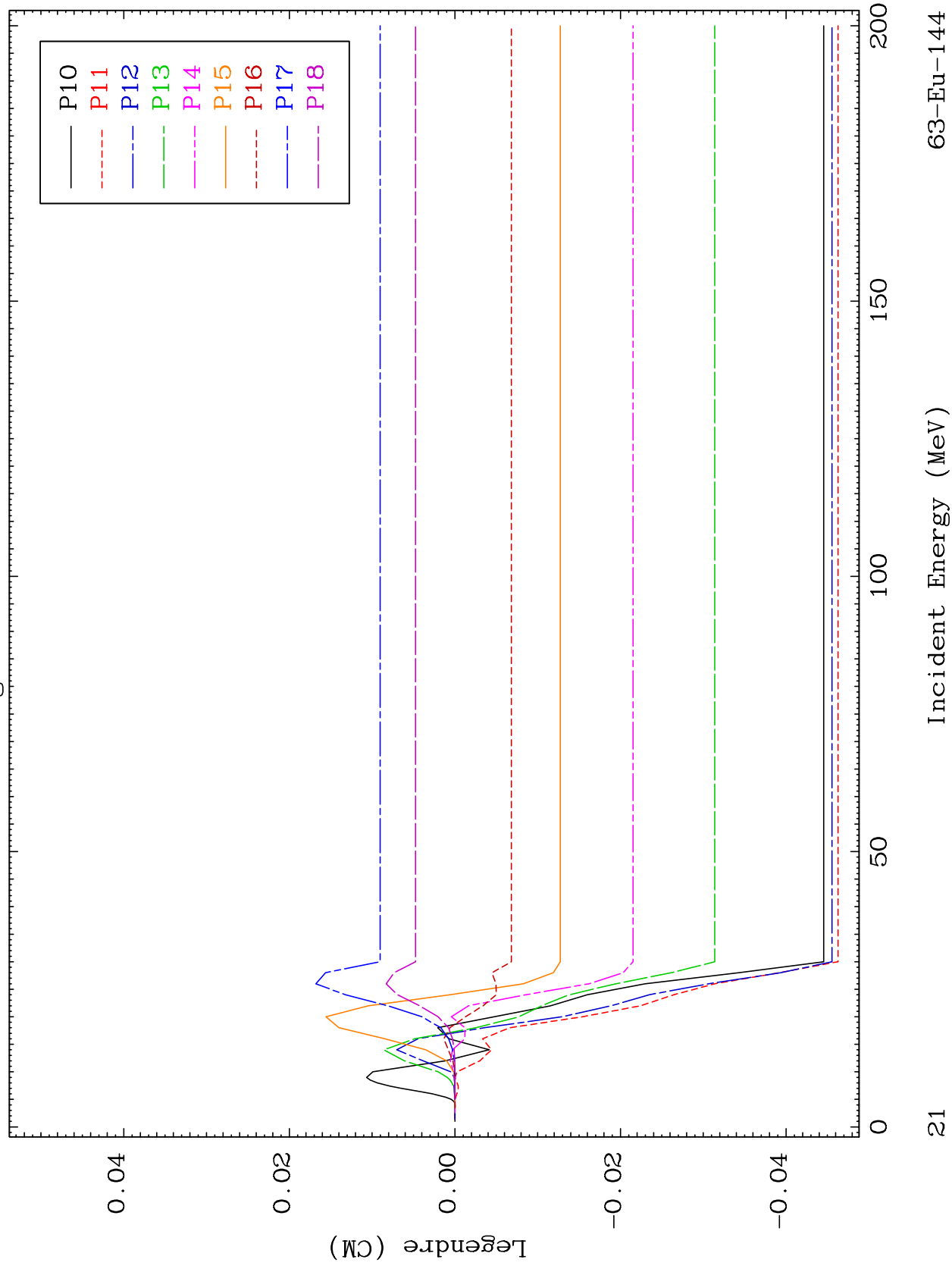
63-Eu-144



MAT 6304

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

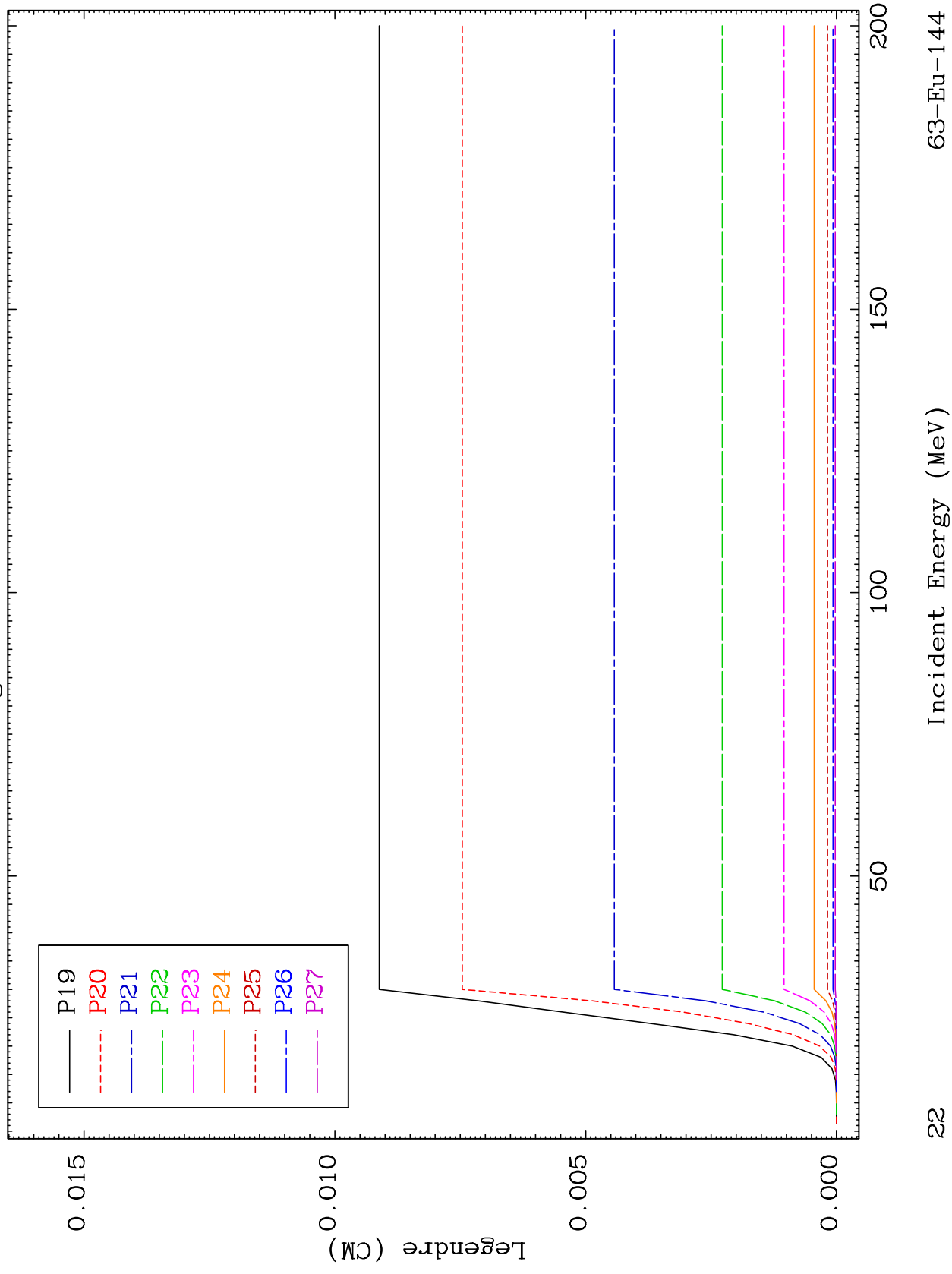
63-Eu-144



MAT 6304

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

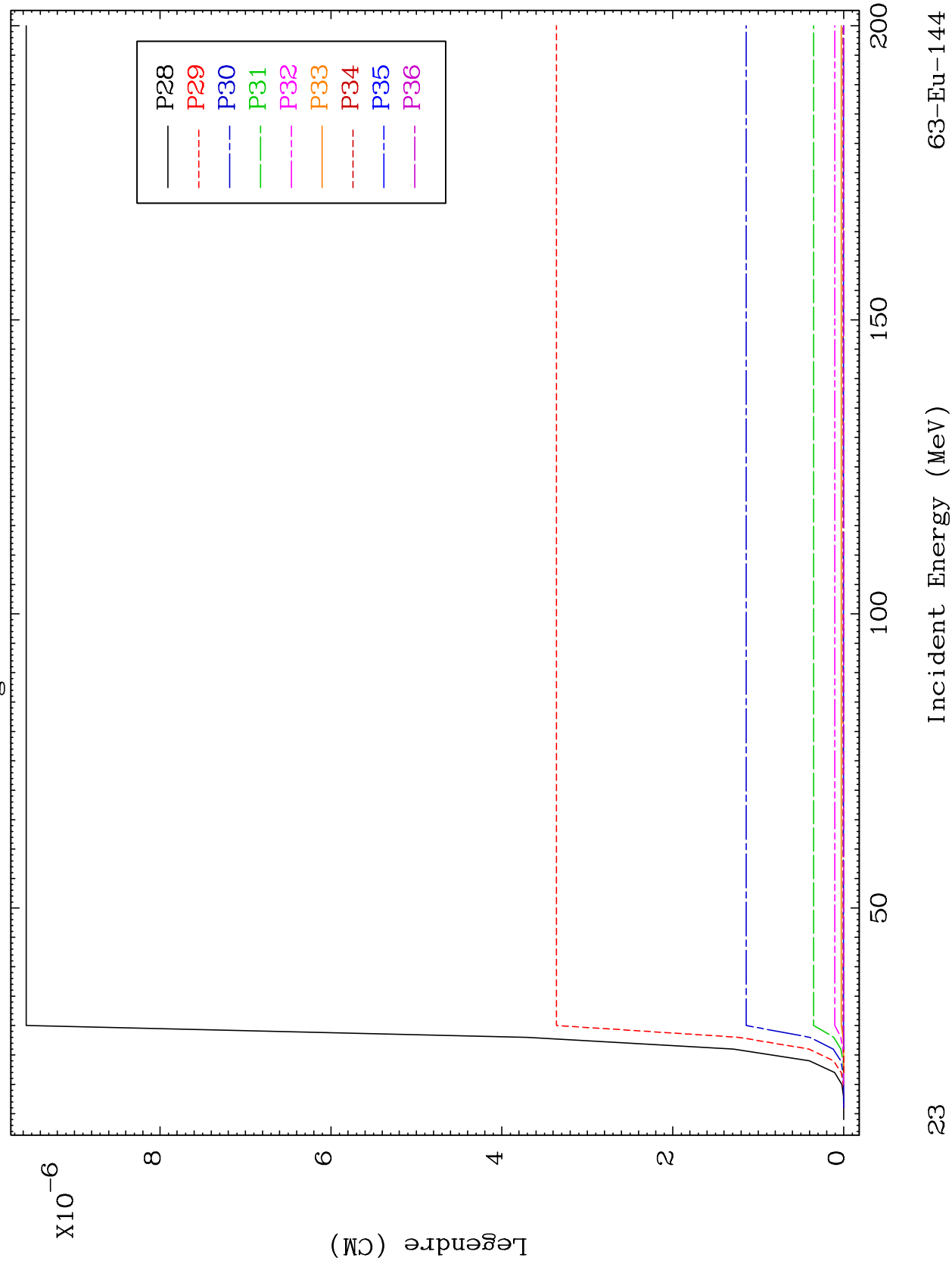
63-Eu-144



MAT 6304

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

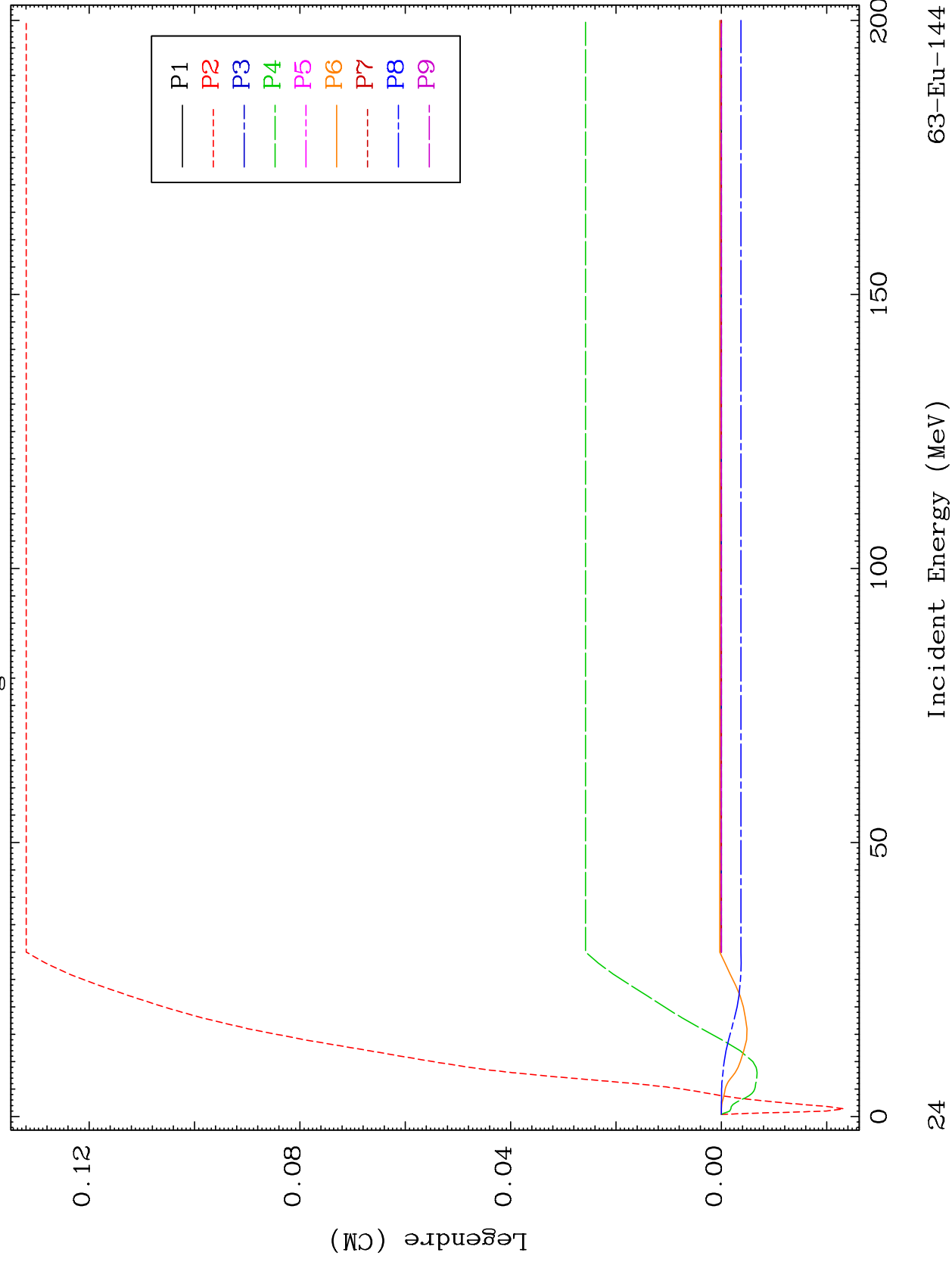
63-Eu-144

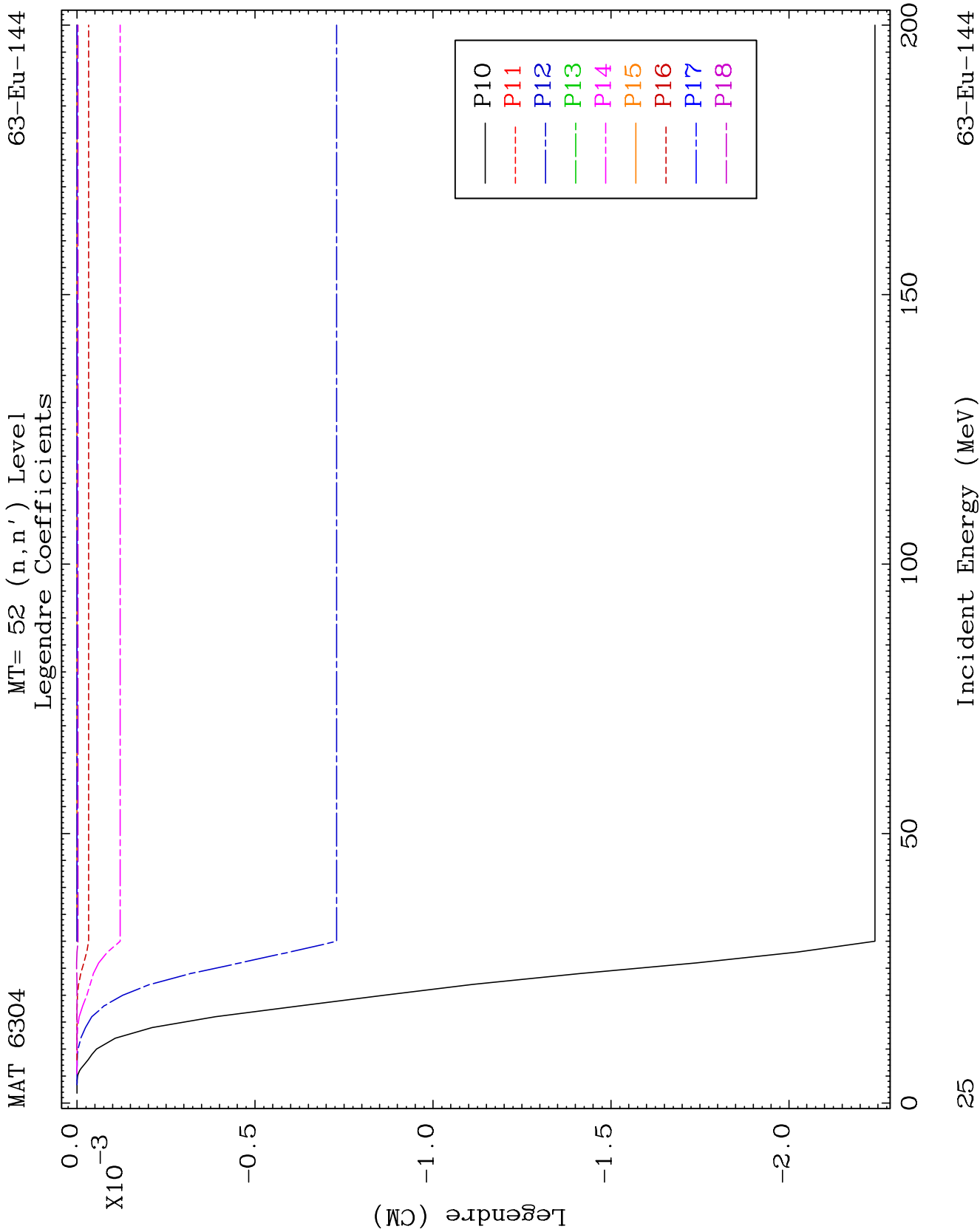


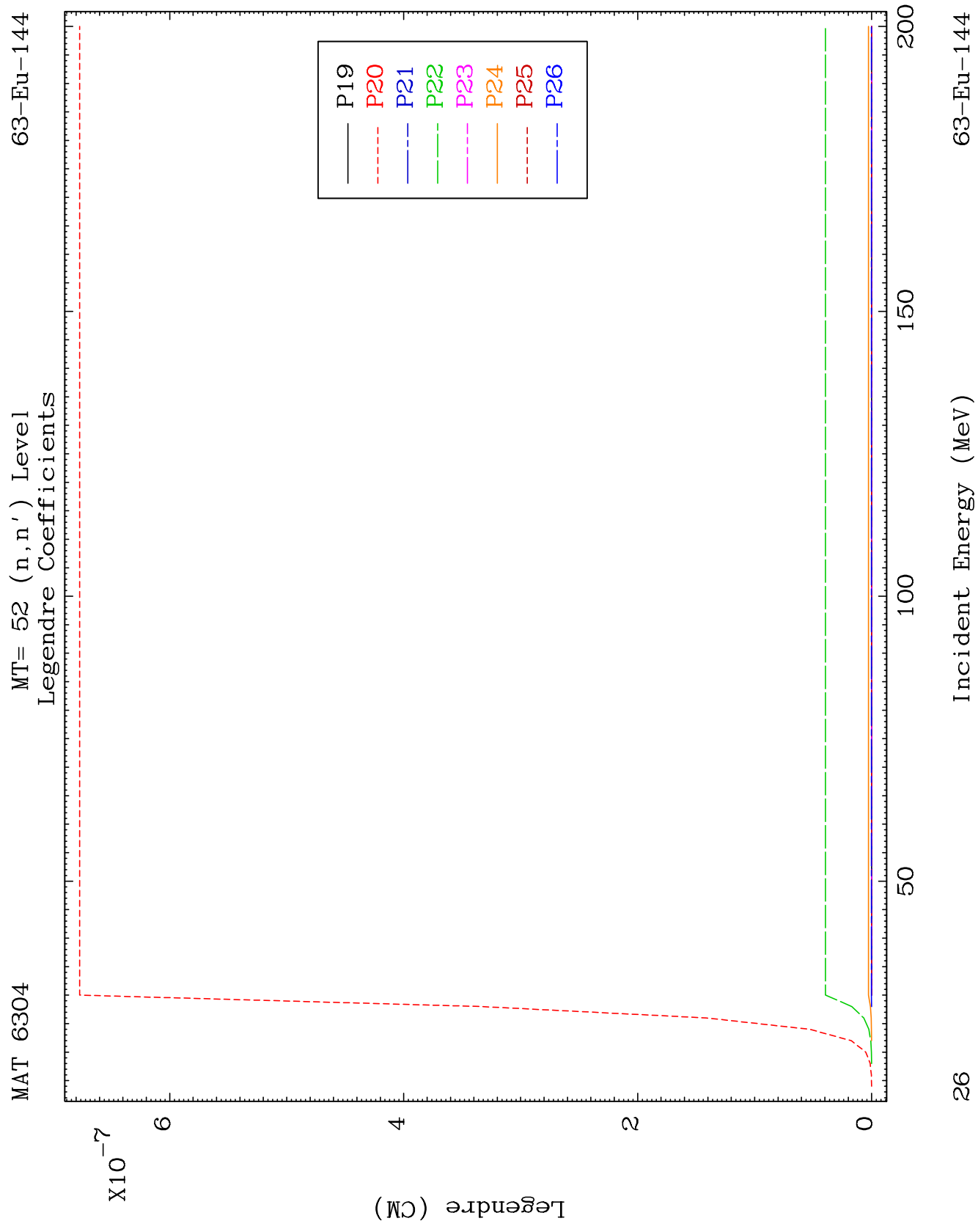
MAT 6304

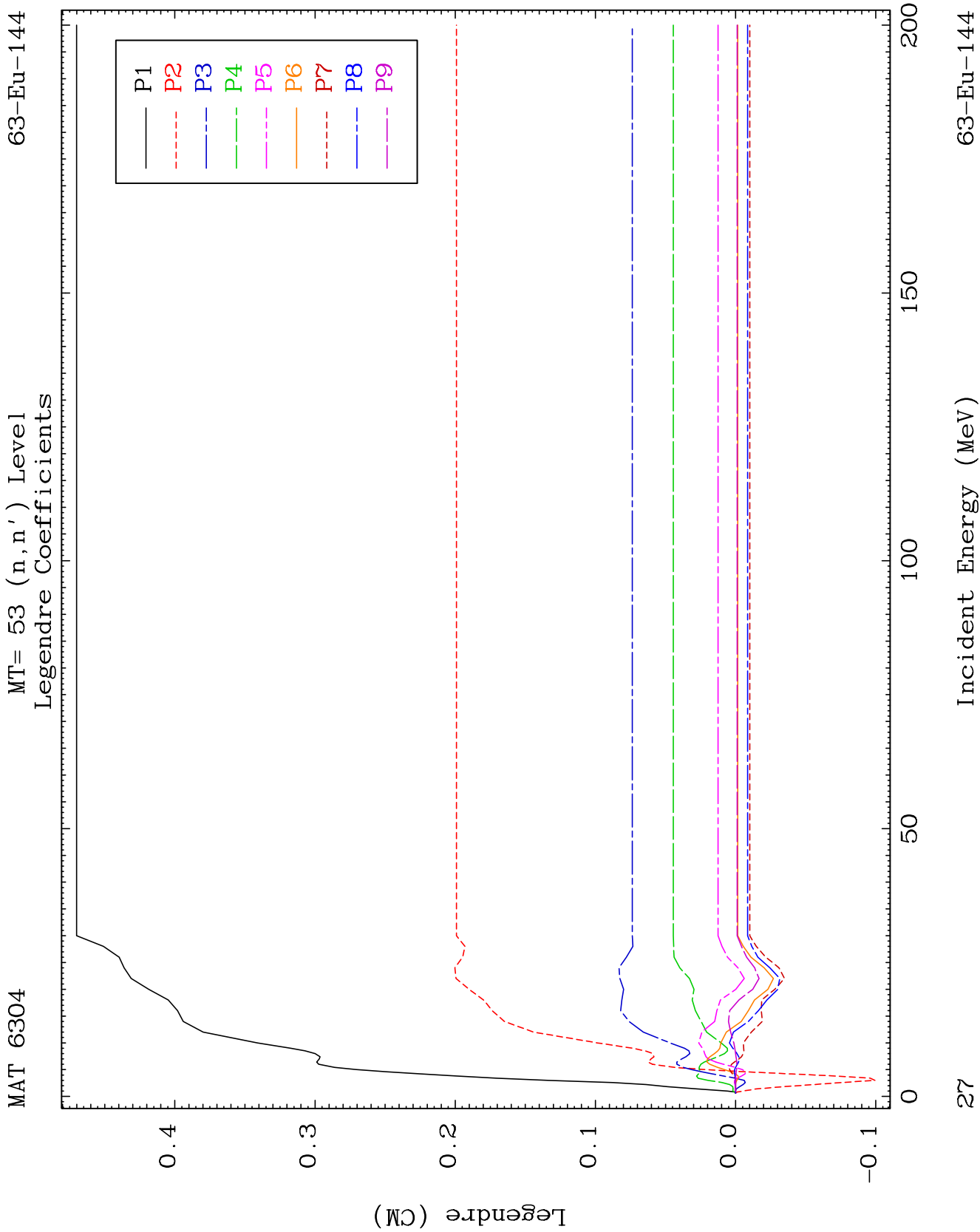
MT= 52 (n, n') Level
Legendre Coefficients

63-Eu-144





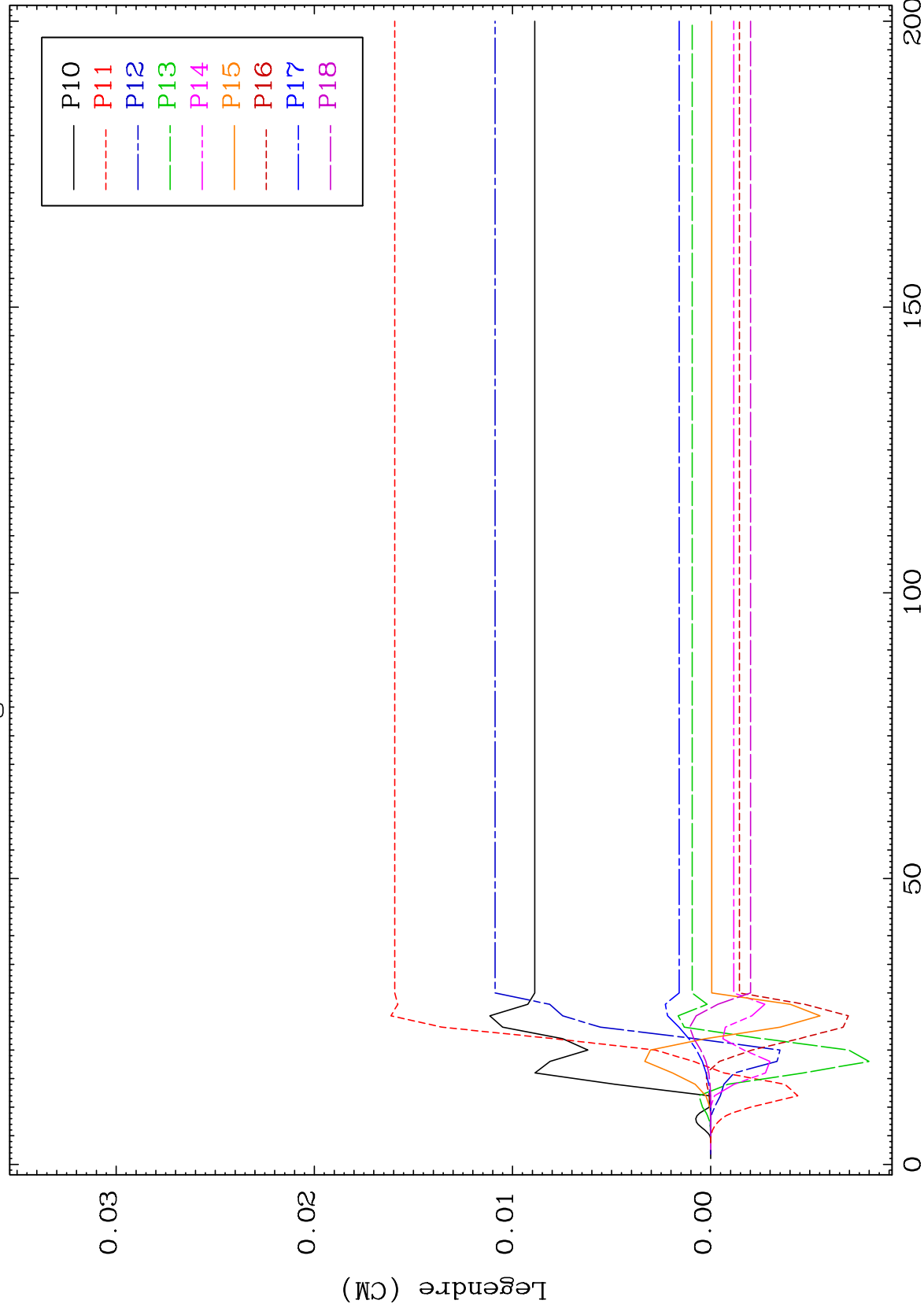




MAT 6304

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

63-Eu-144



28

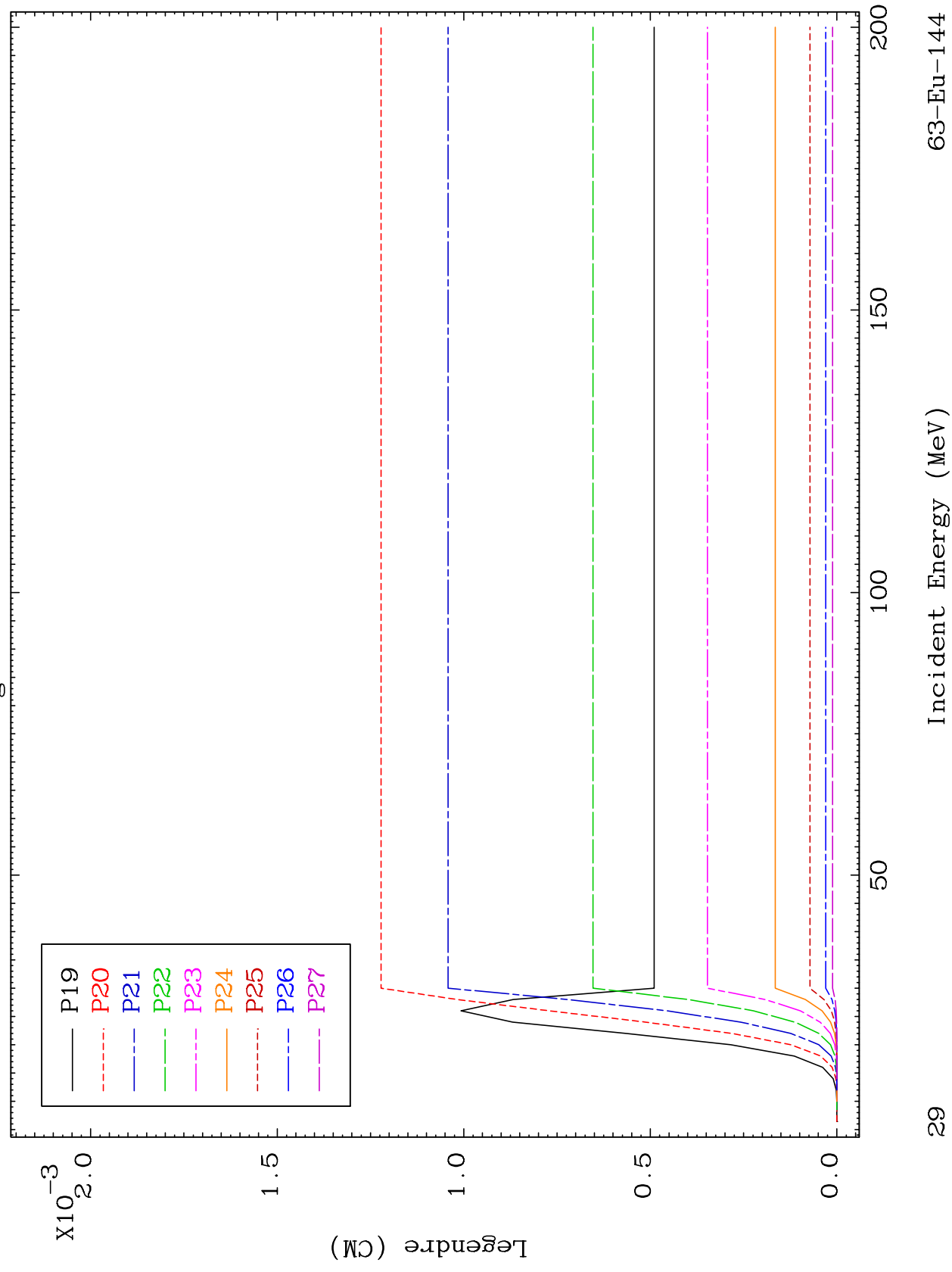
Incident Energy (MeV)

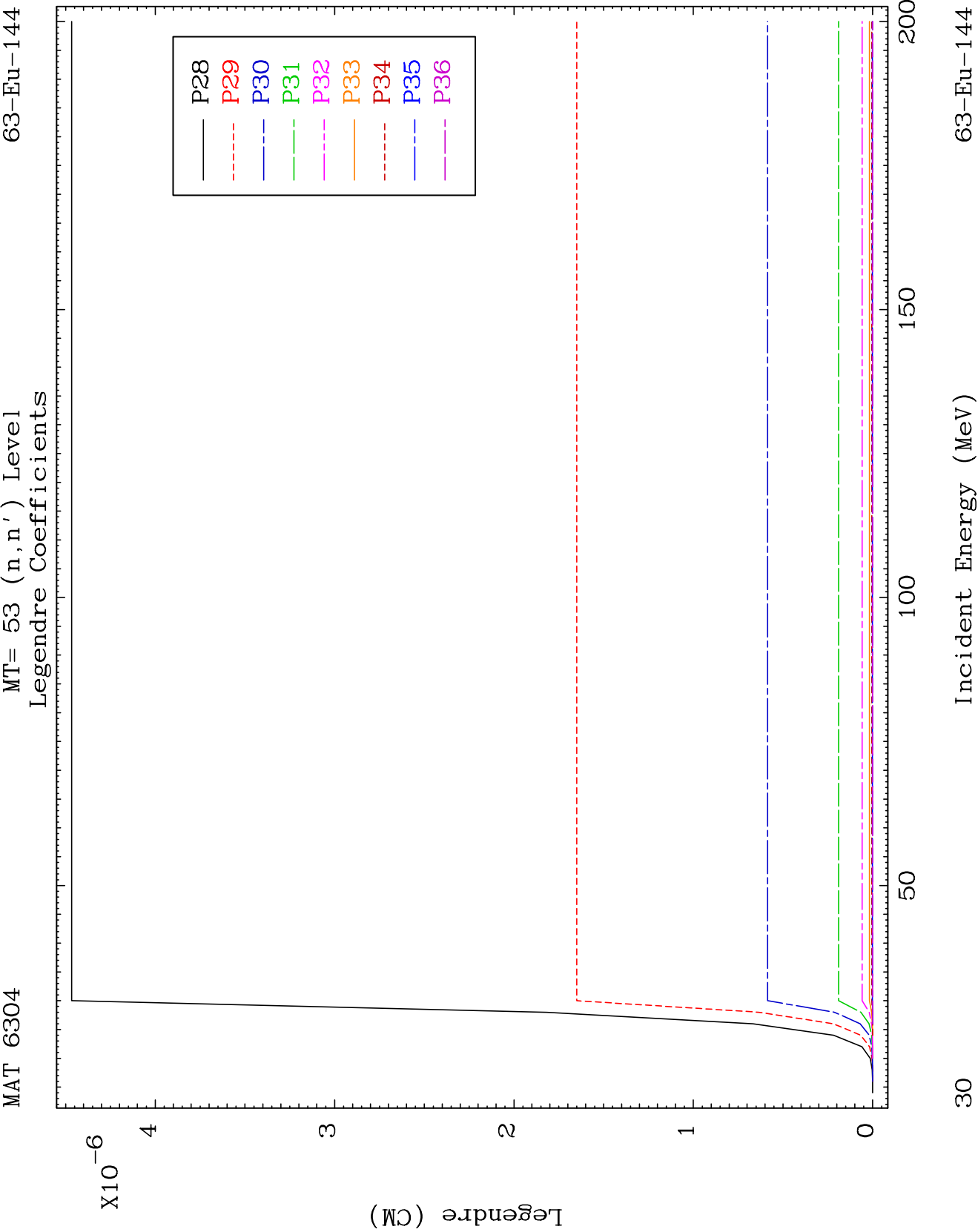
63-Eu-144

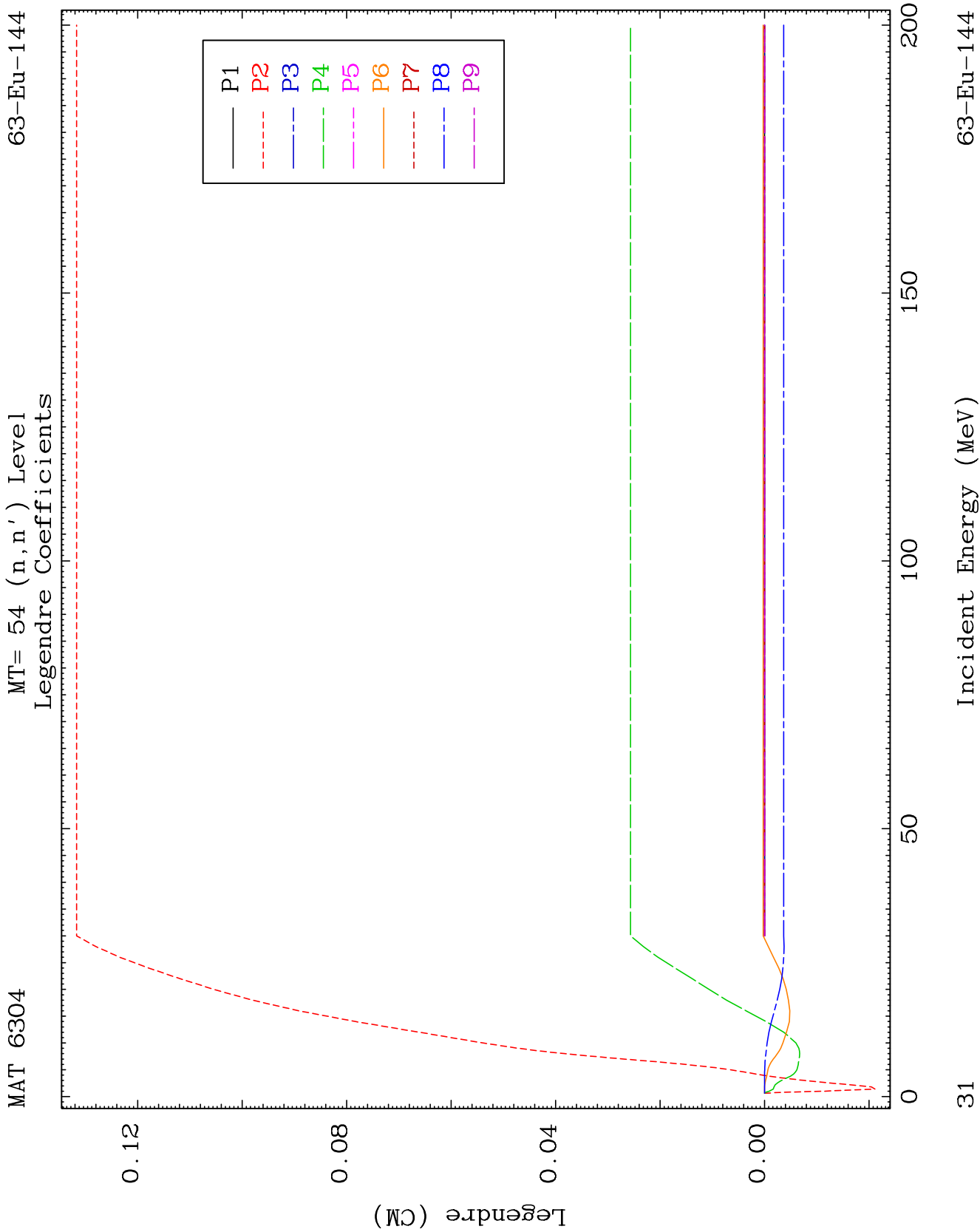
MAT 6304

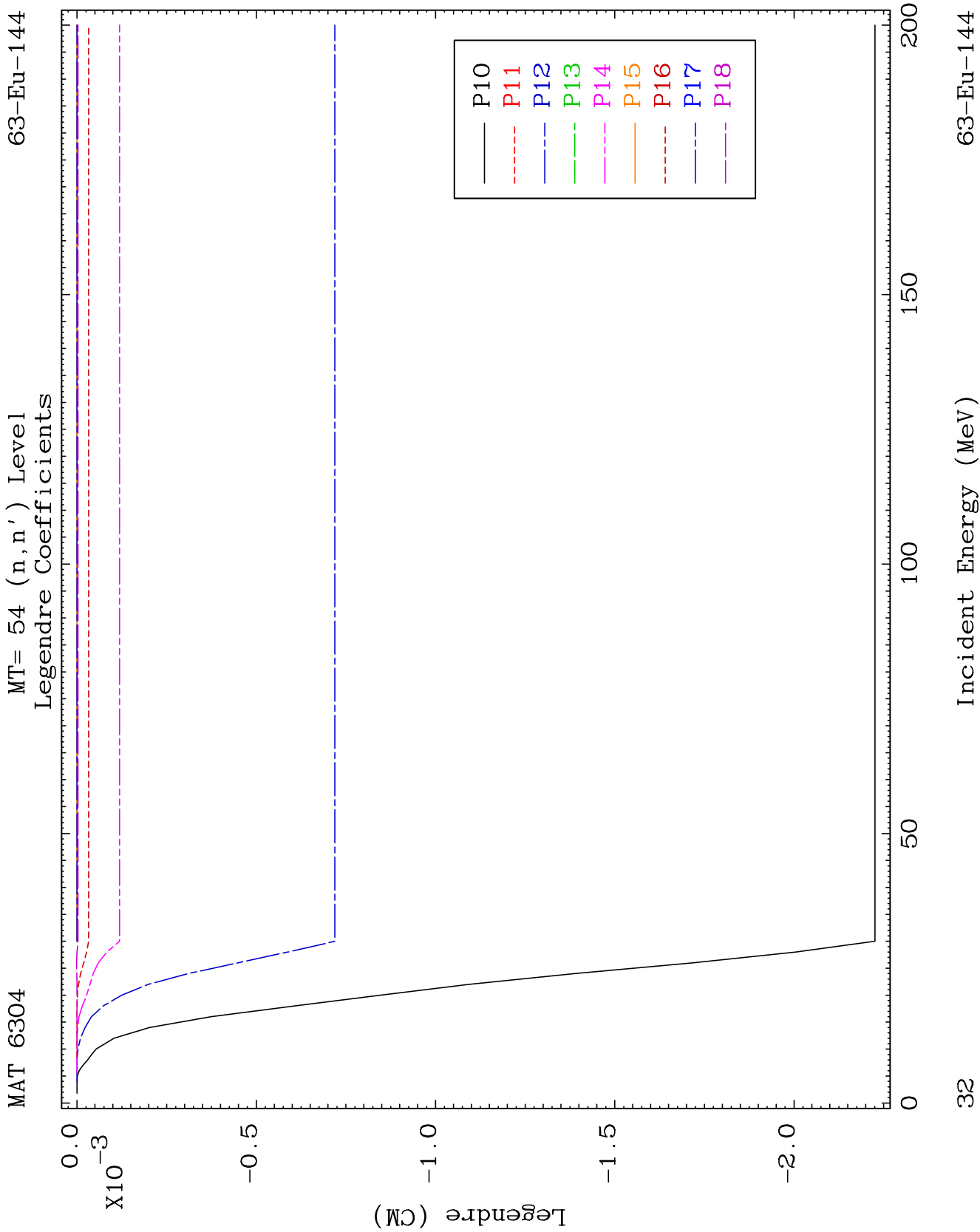
MT= 53 (n, n') Level
Legendre Coefficients

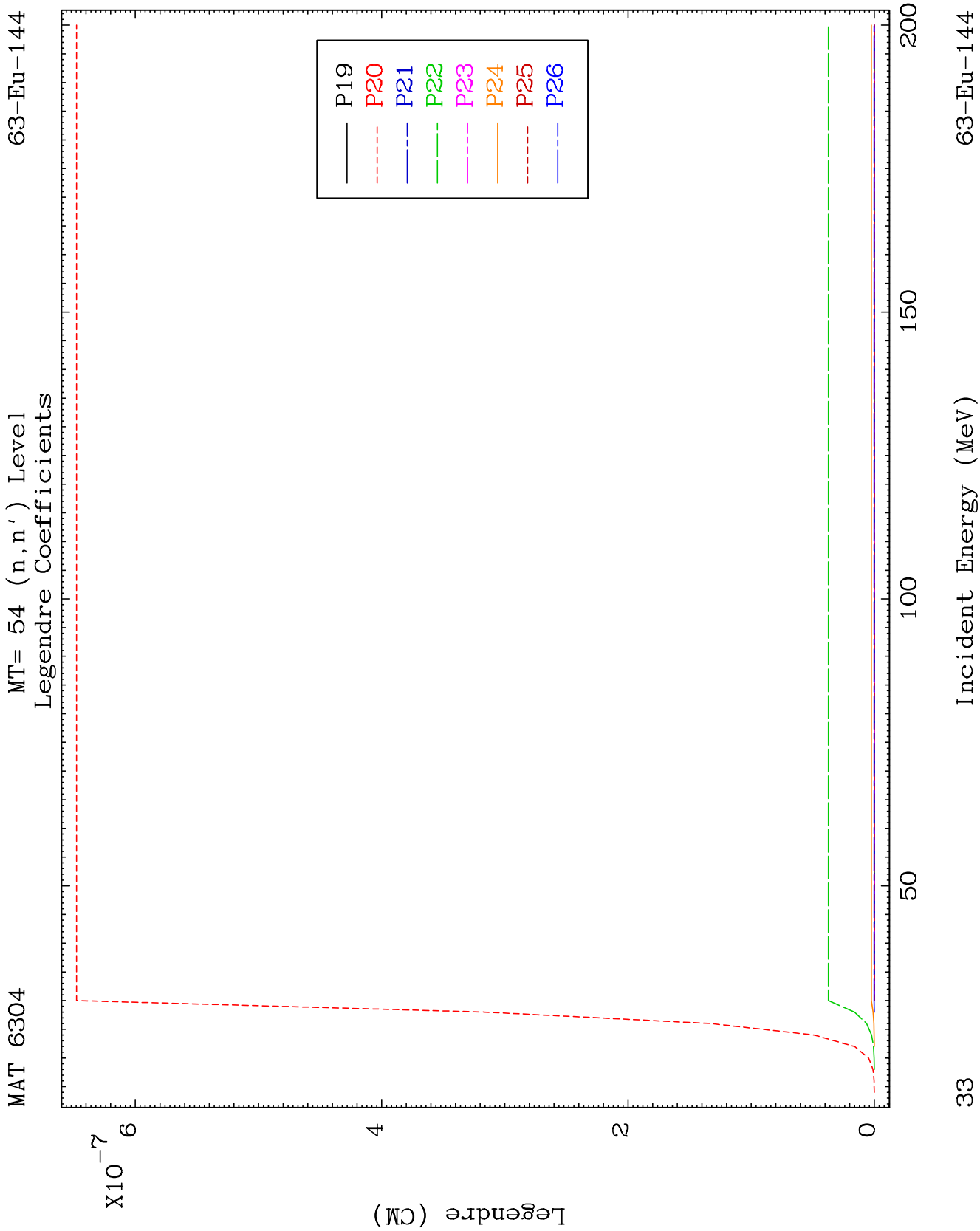
63-Eu-144

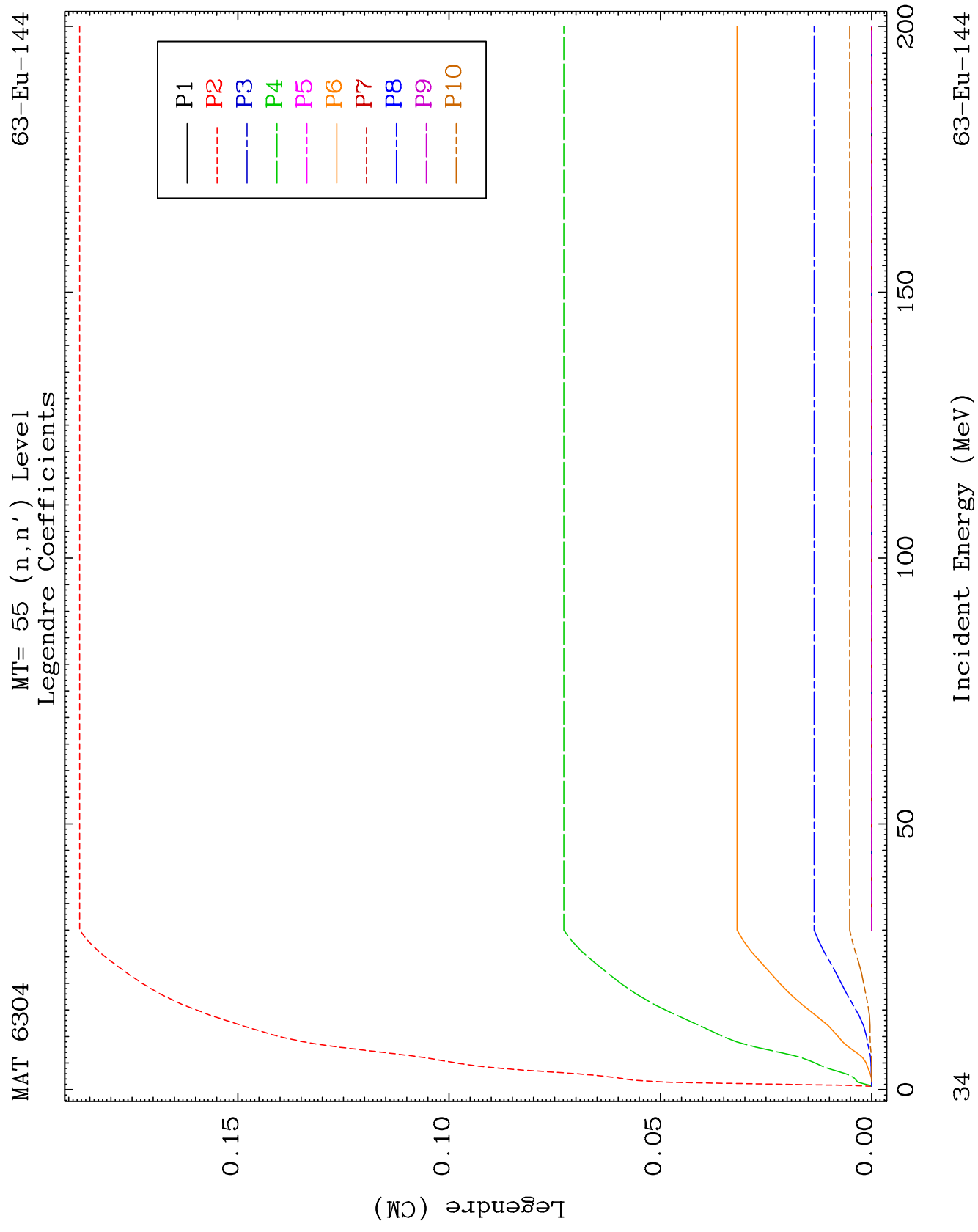


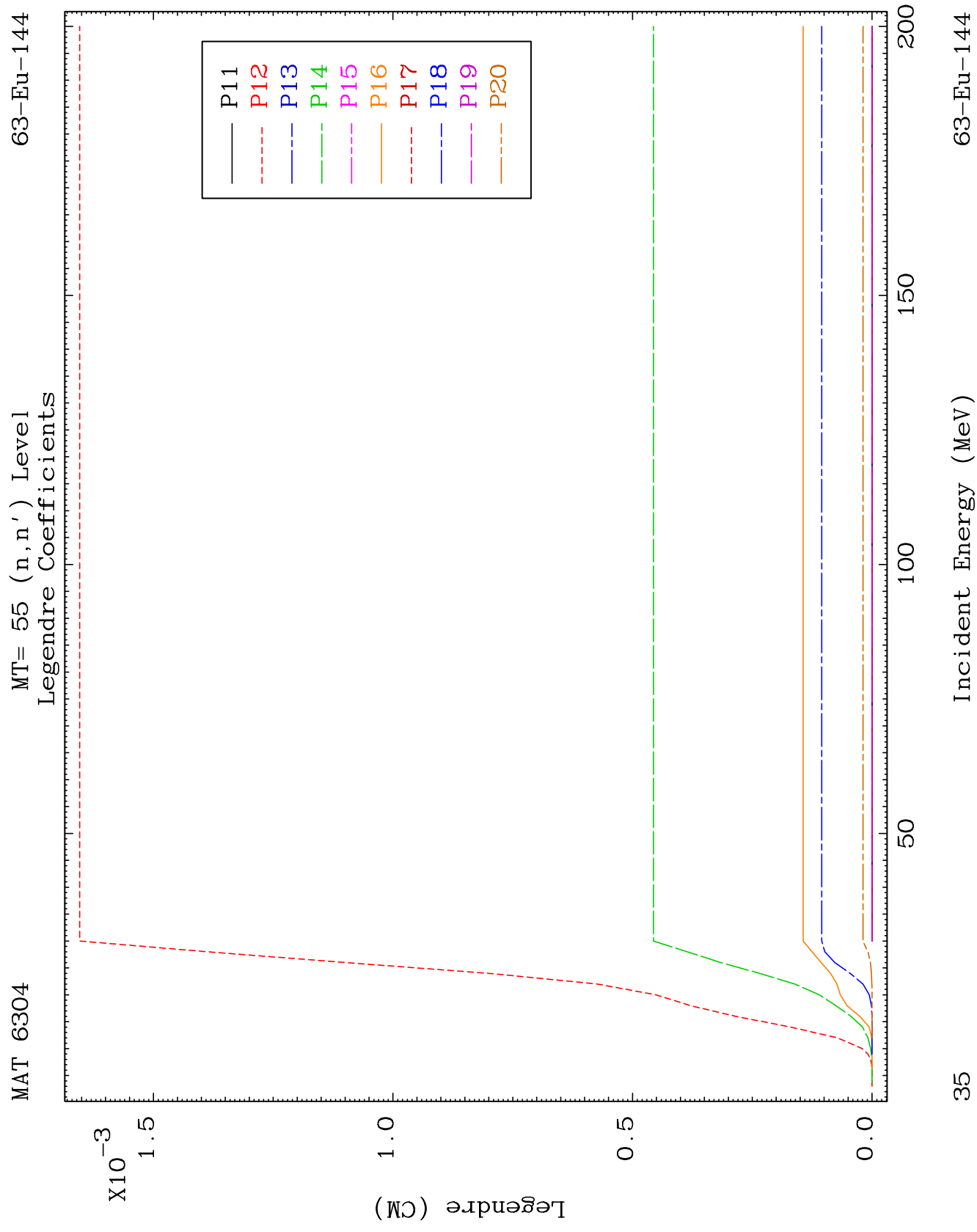


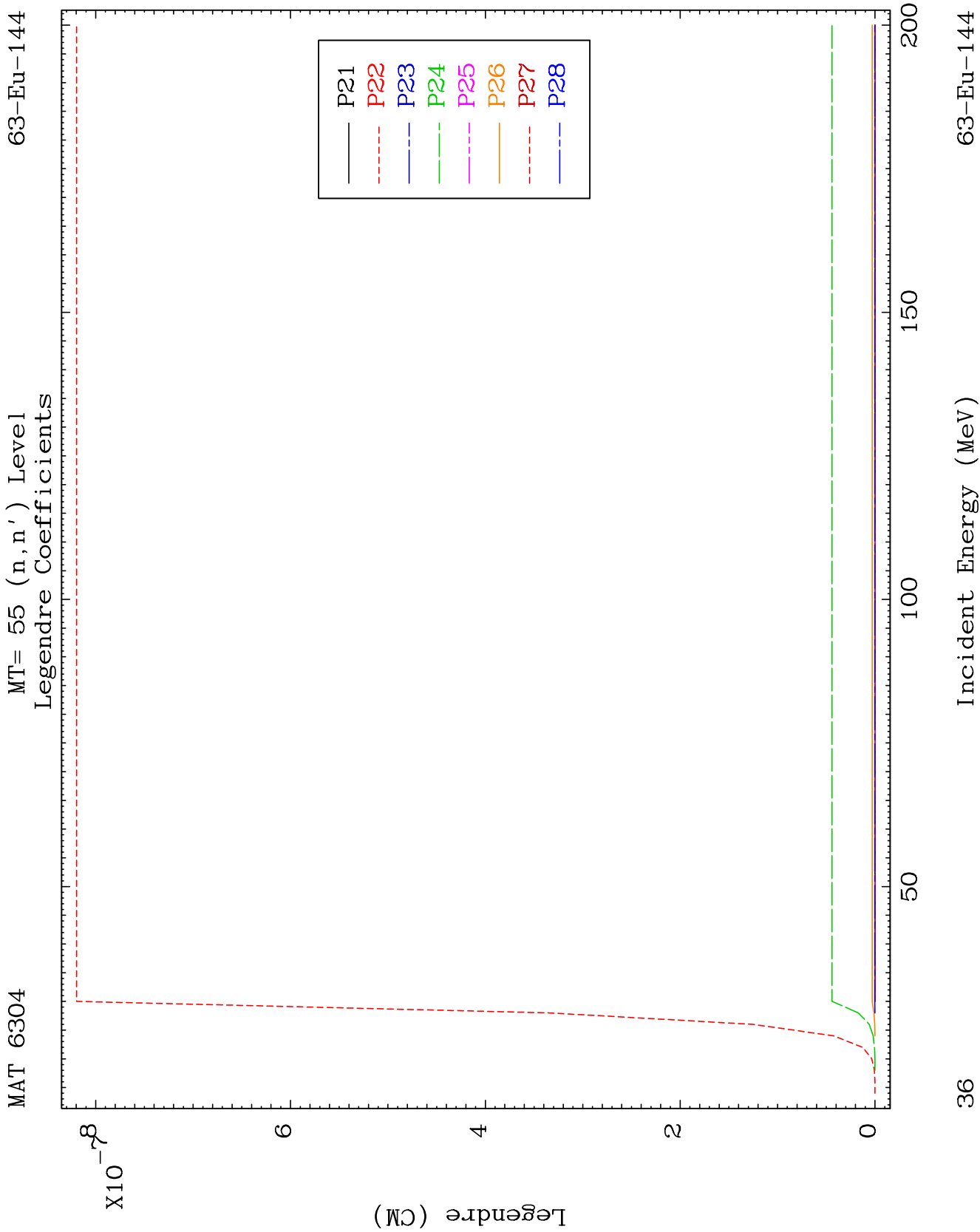


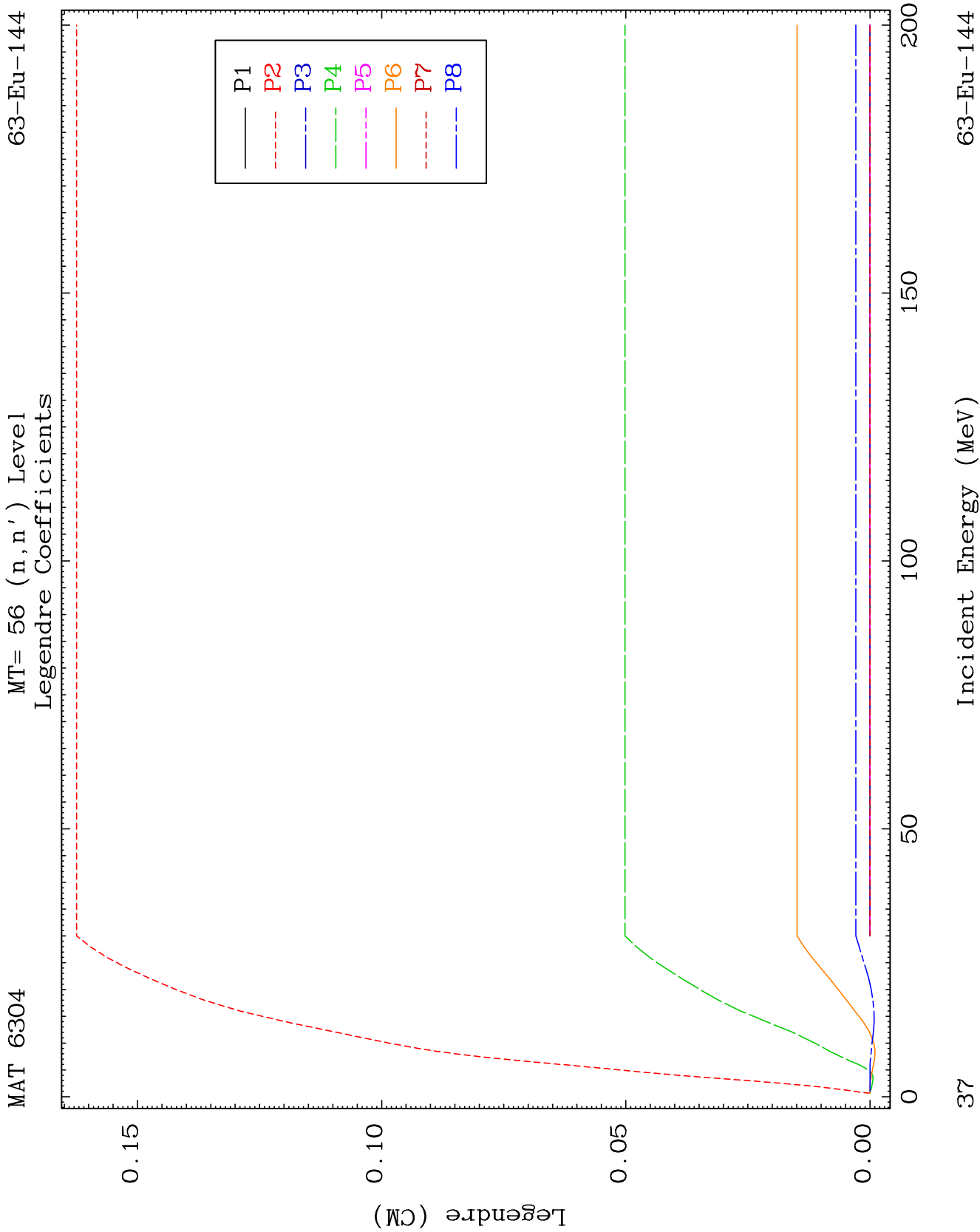


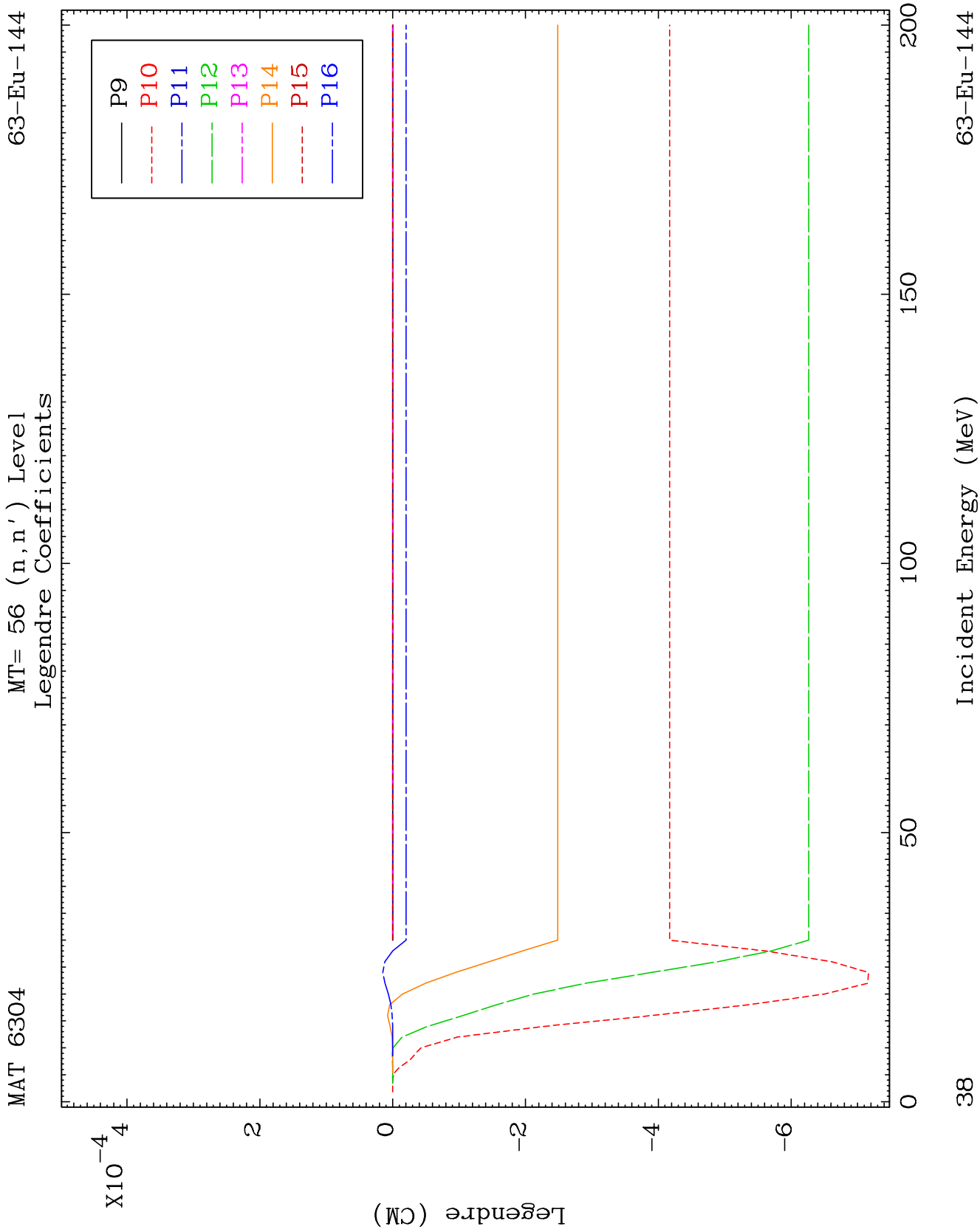


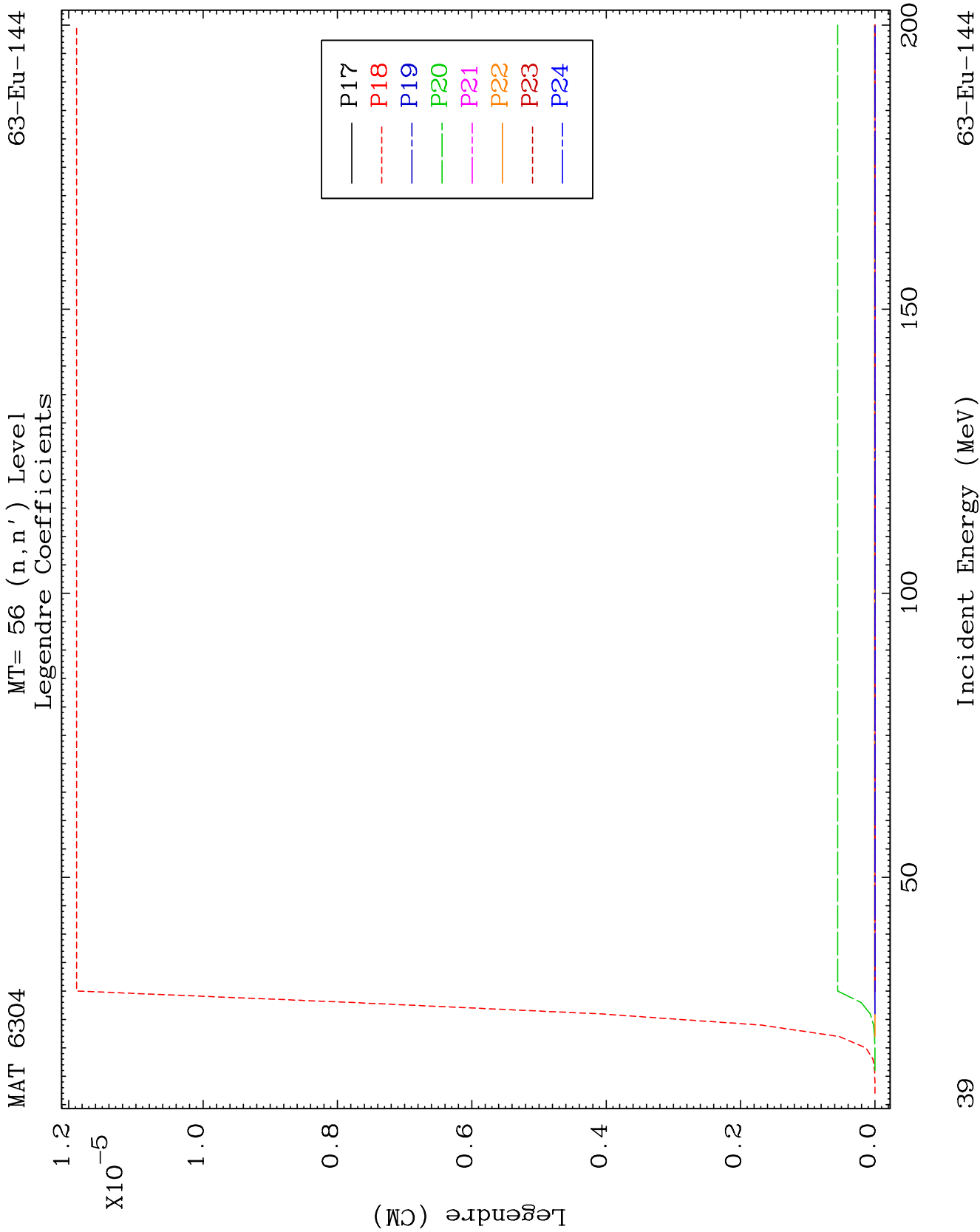


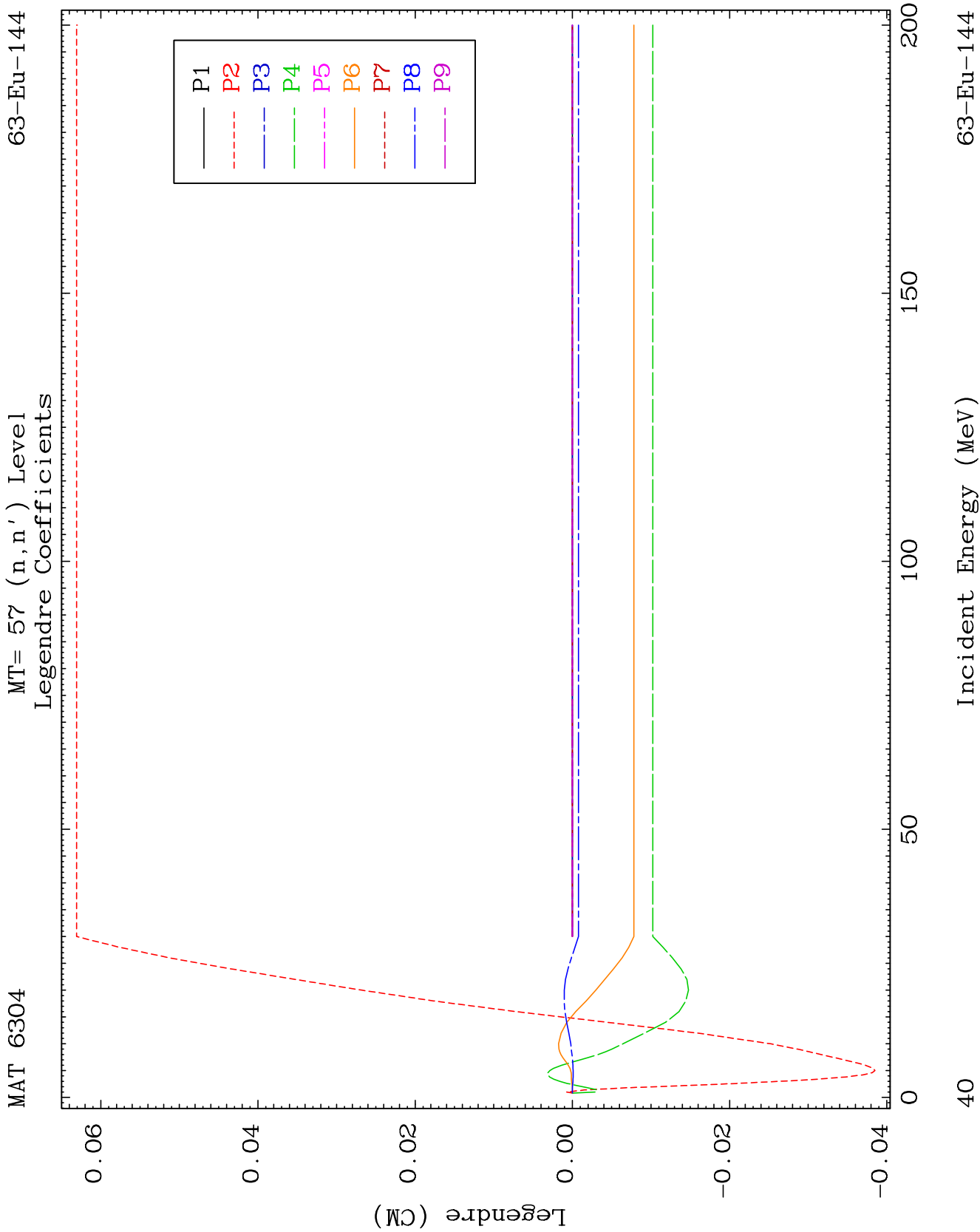


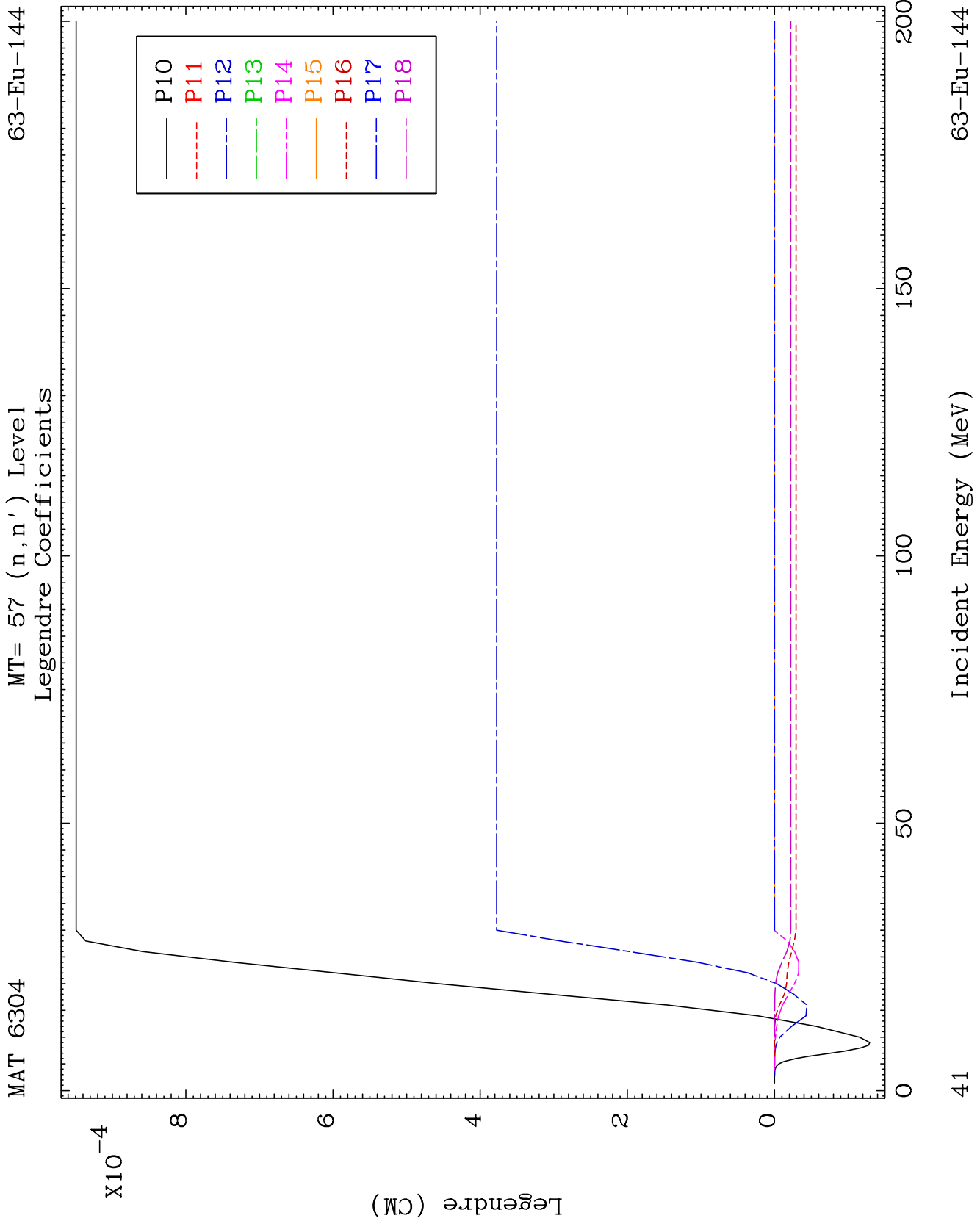


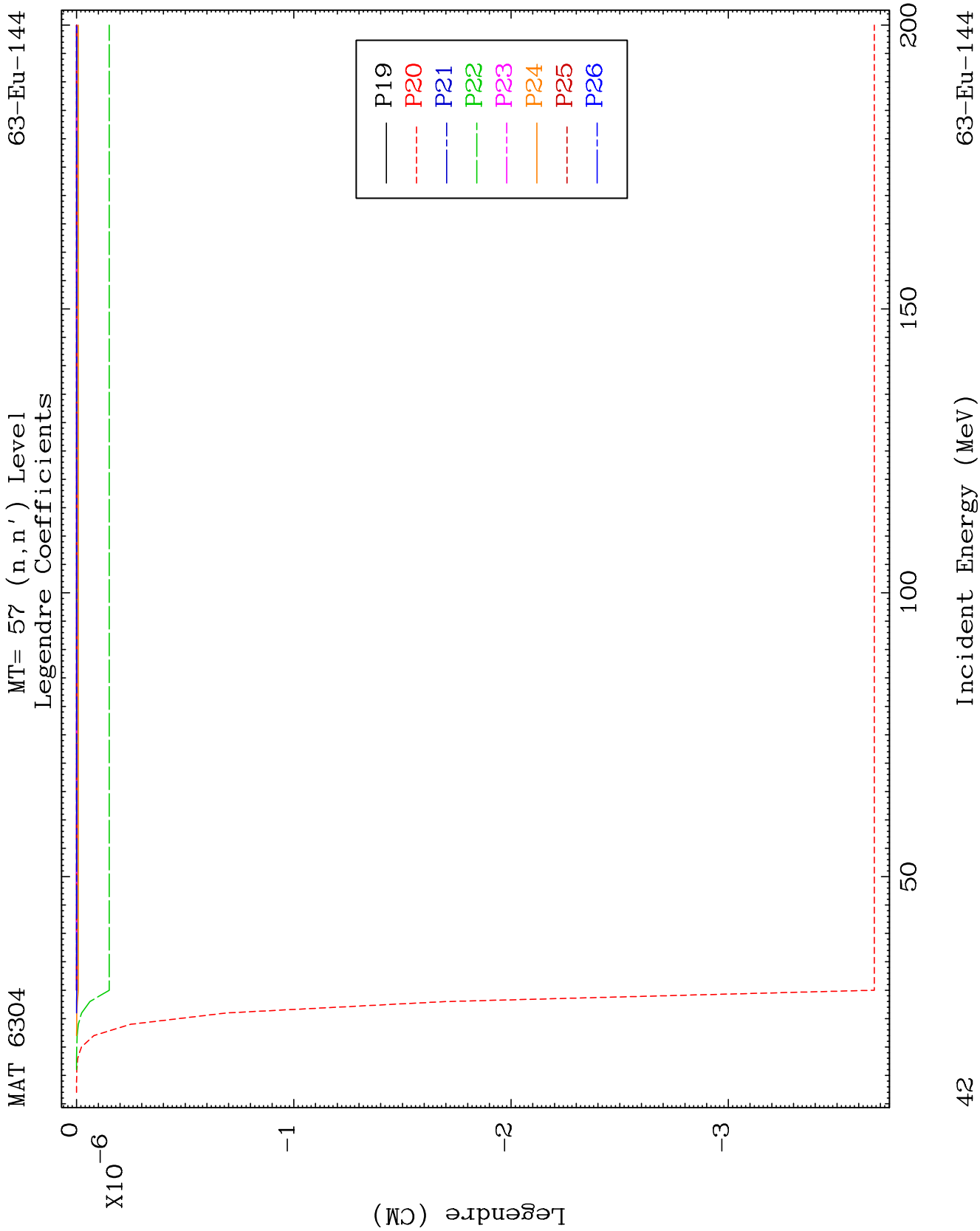


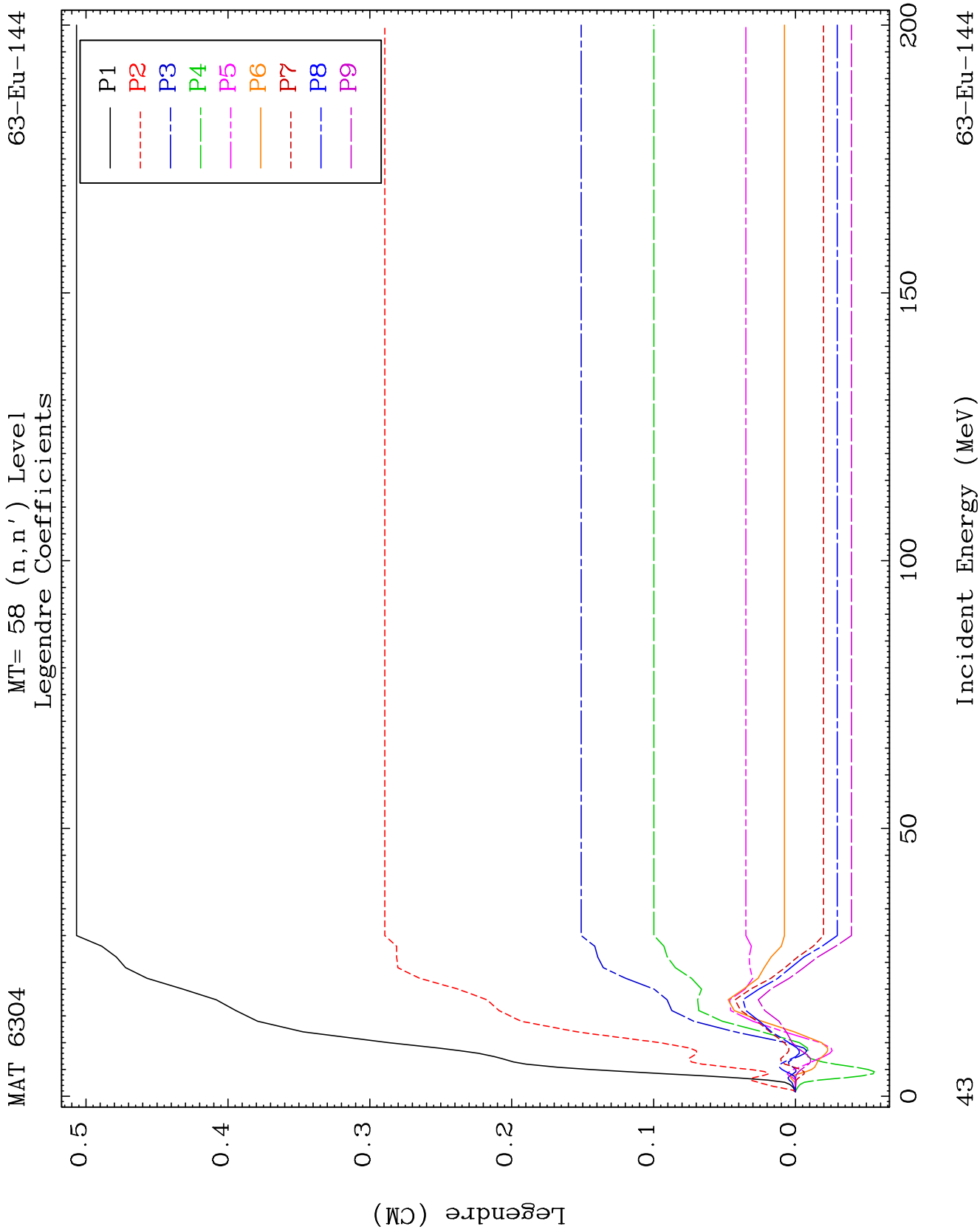


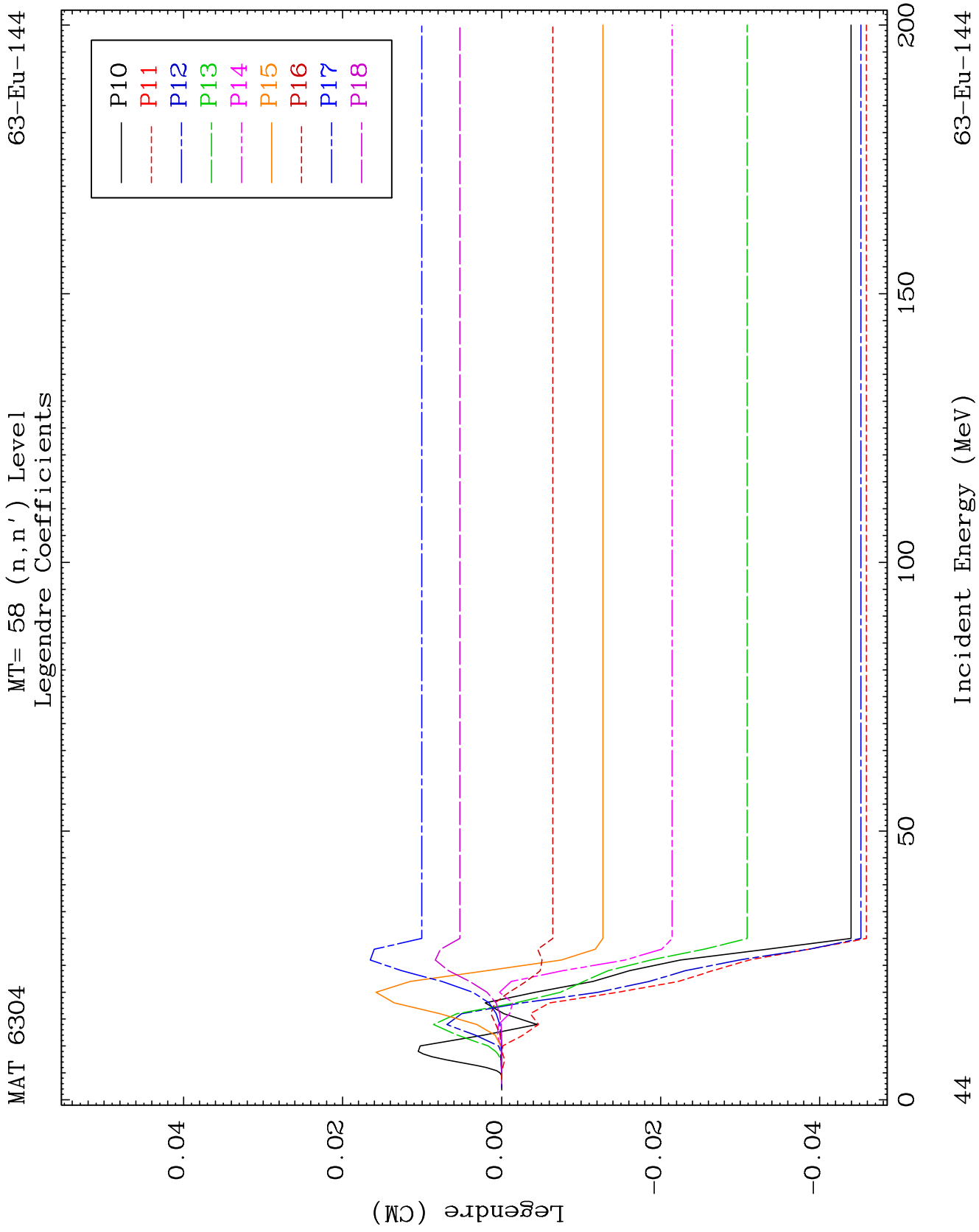








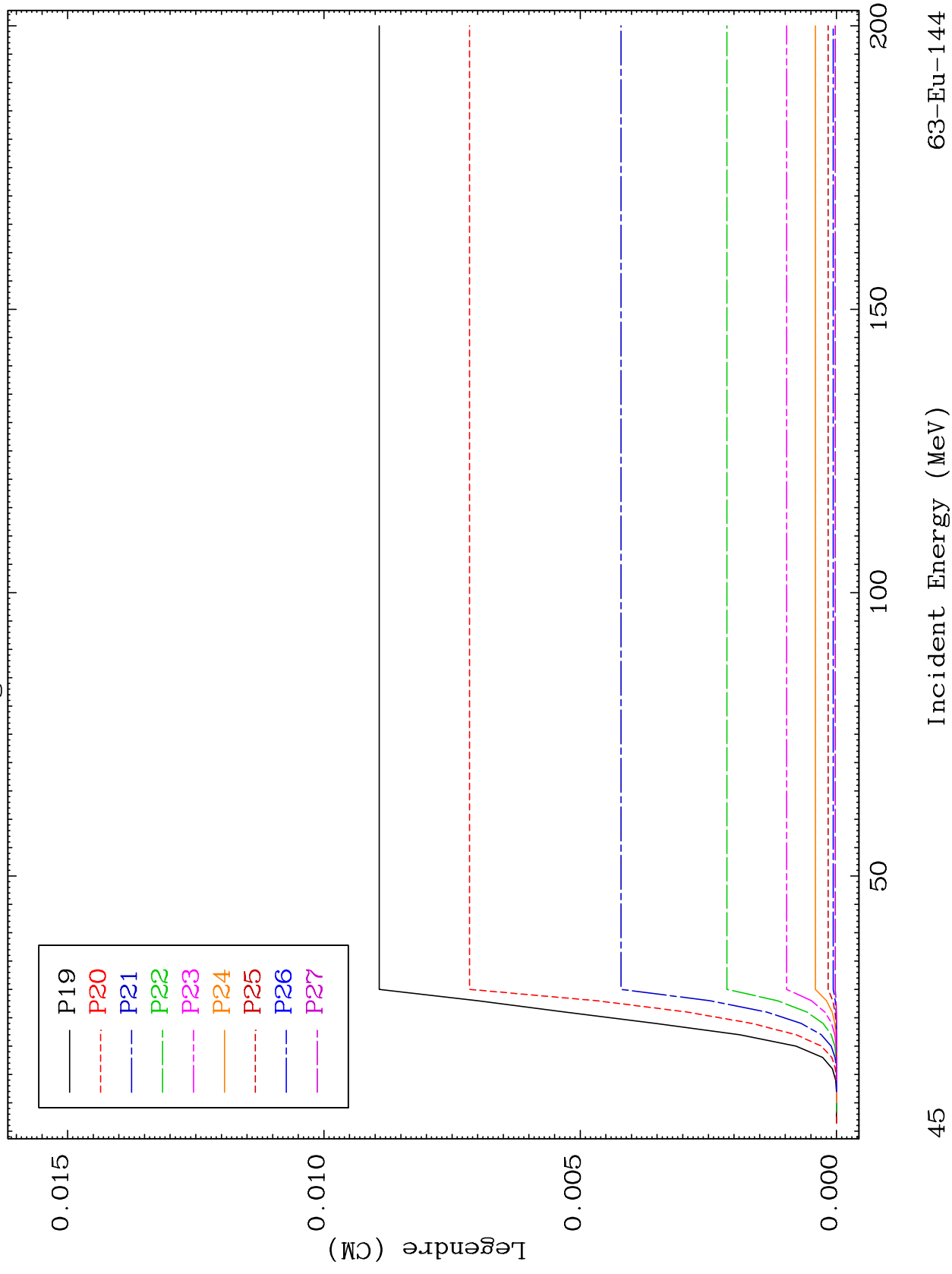


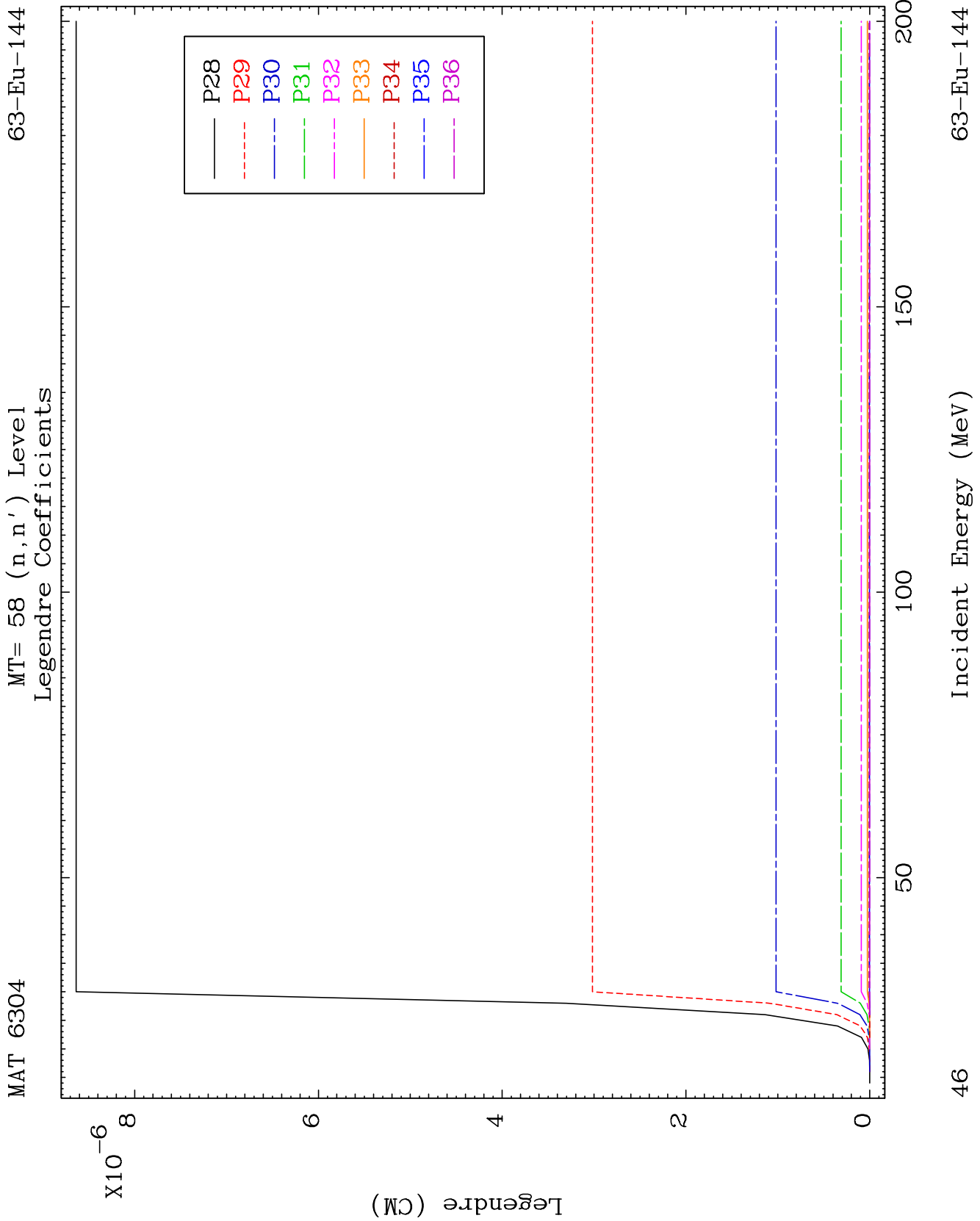


MAT 6304

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

63-Eu-144

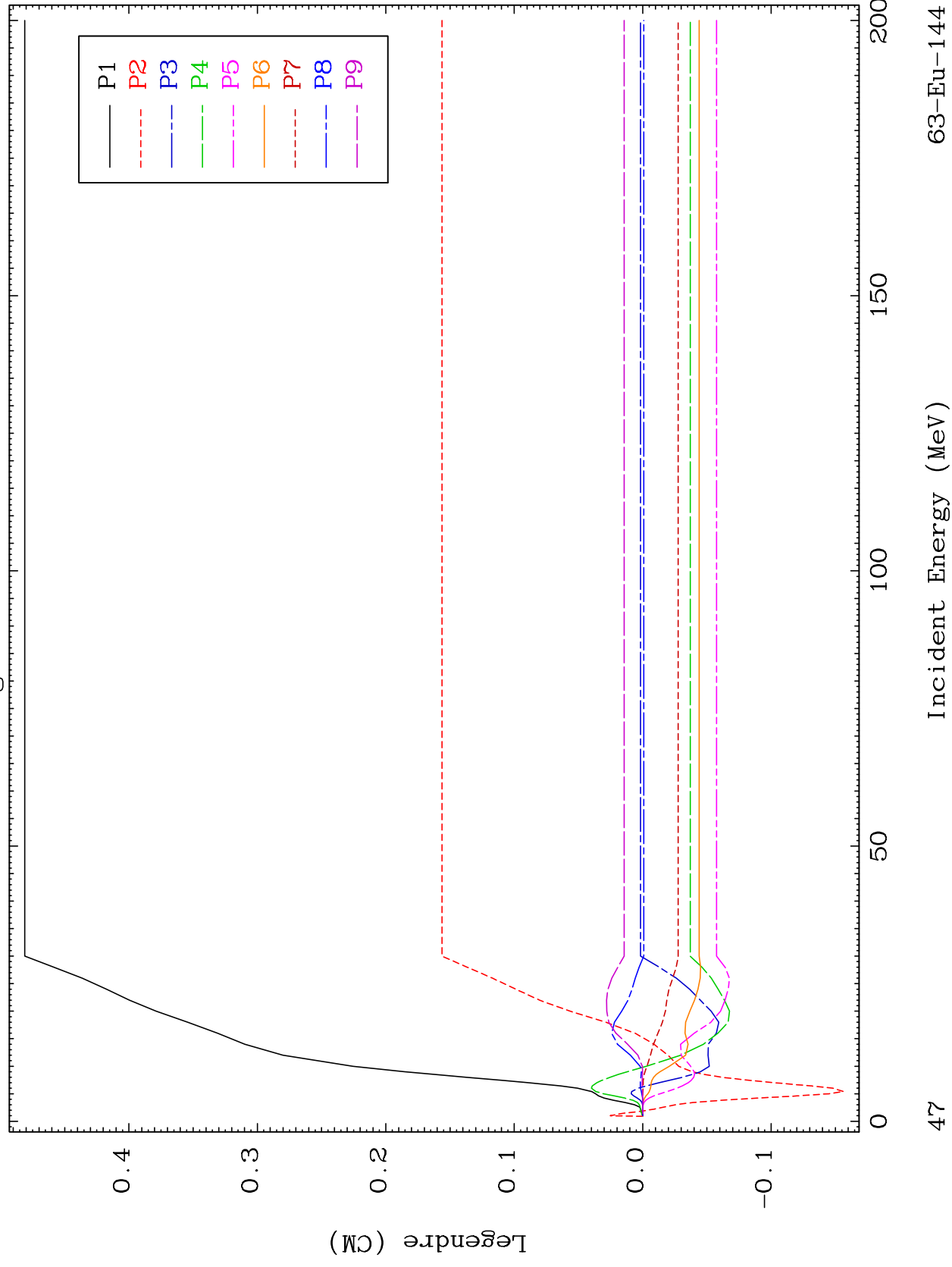




MAT 6304

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

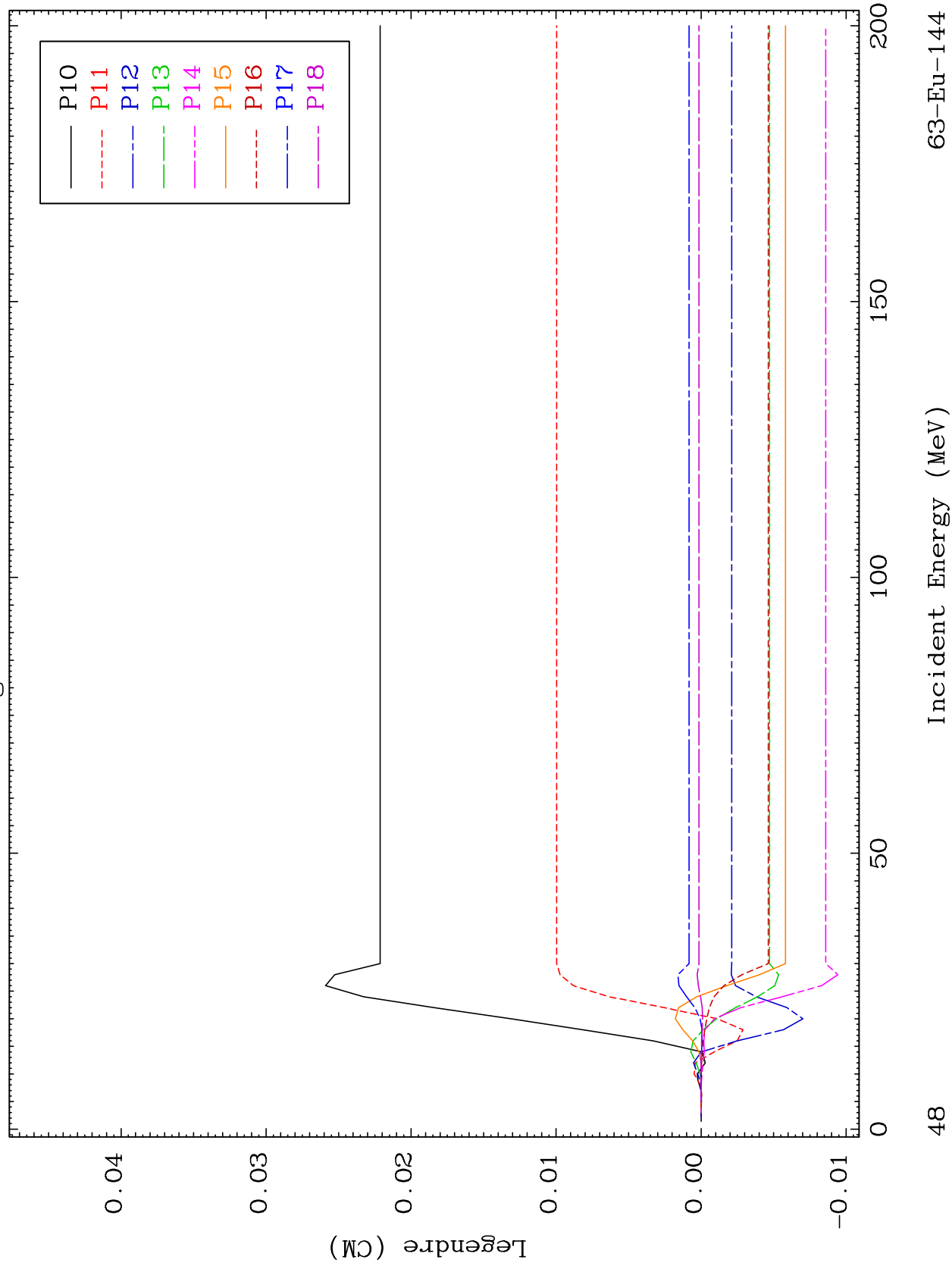
63-Eu-144



MAT 6304

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

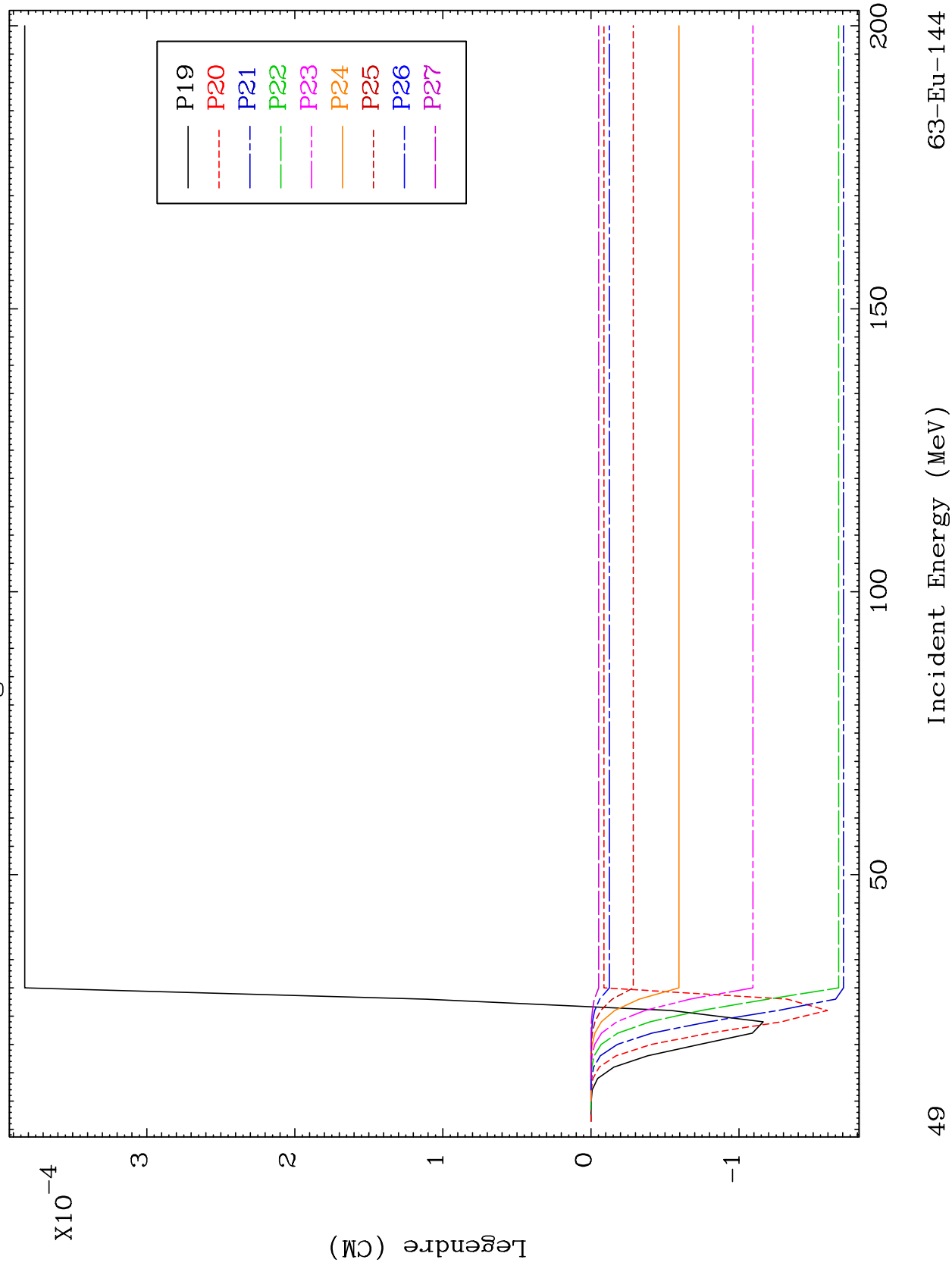
63-Eu-144

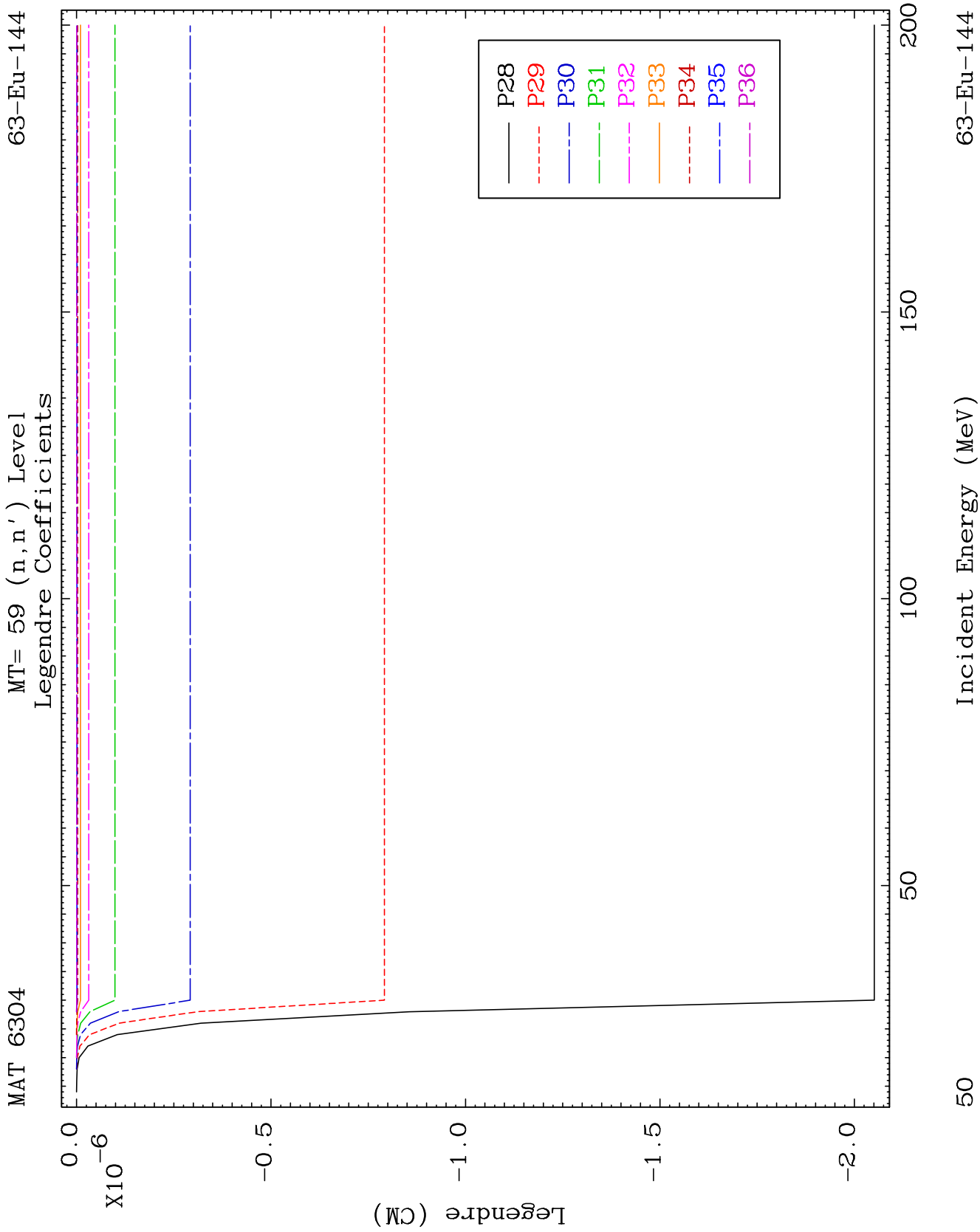


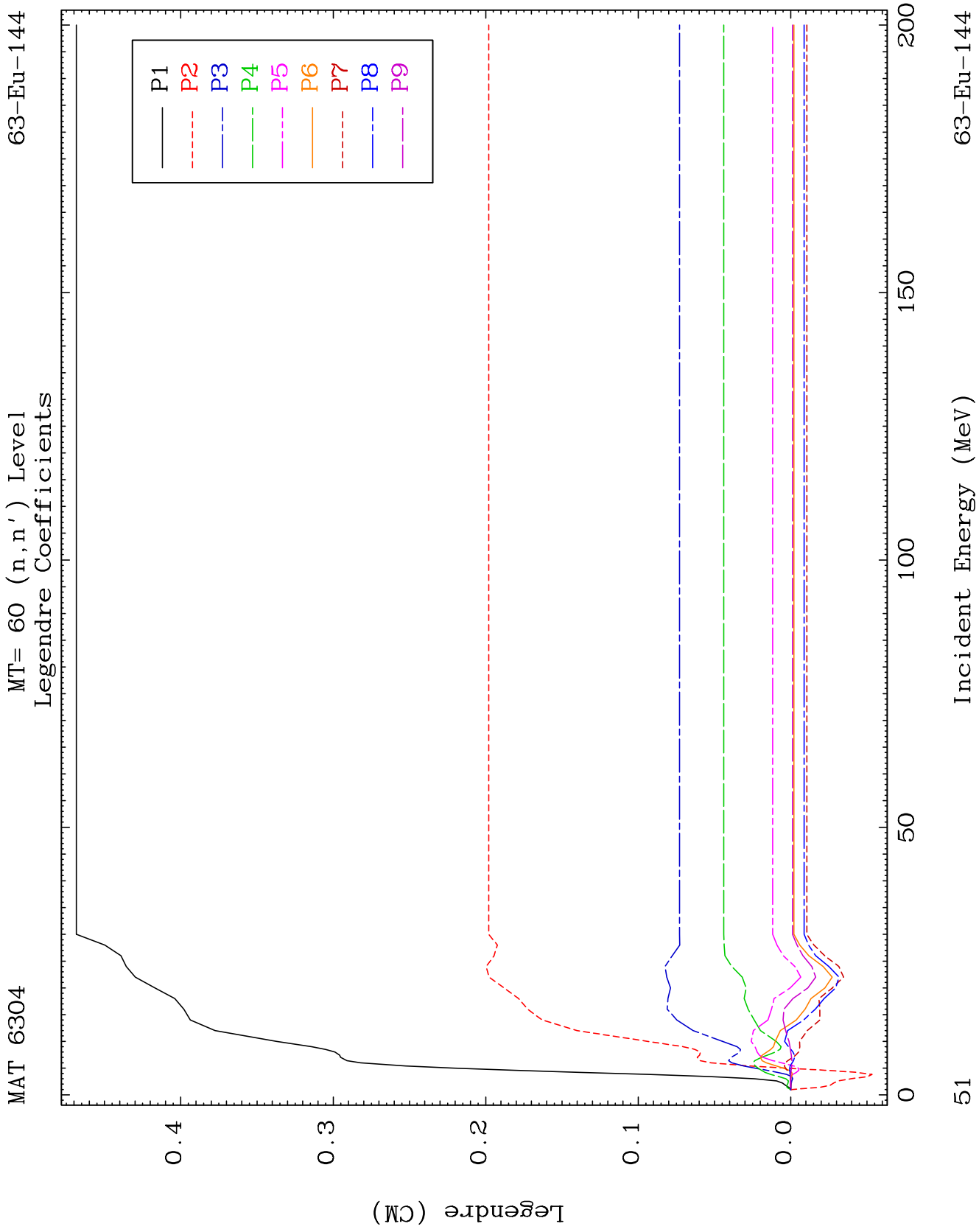
MAT 6304

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

63-Eu-144



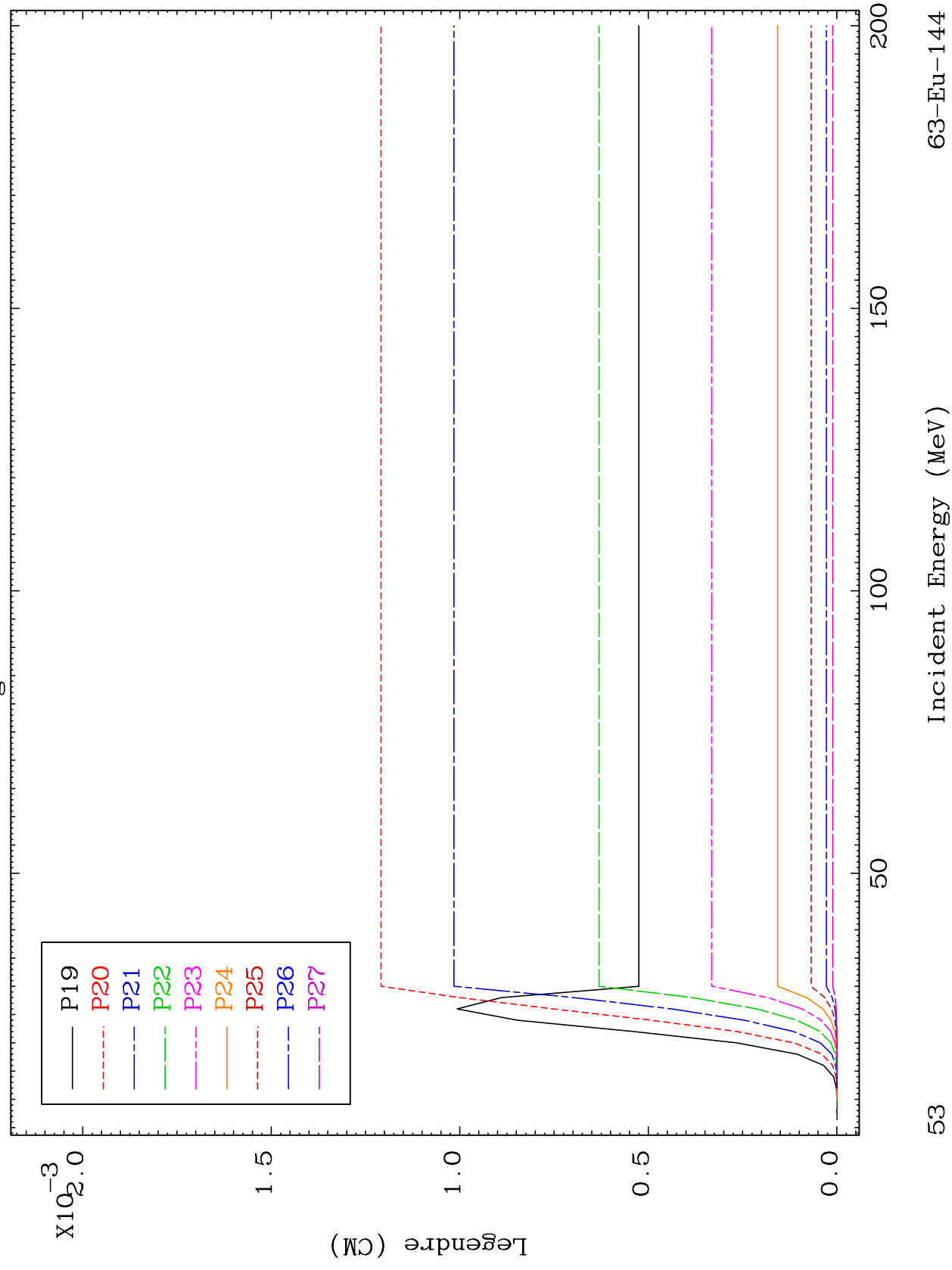




MAT 6304

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

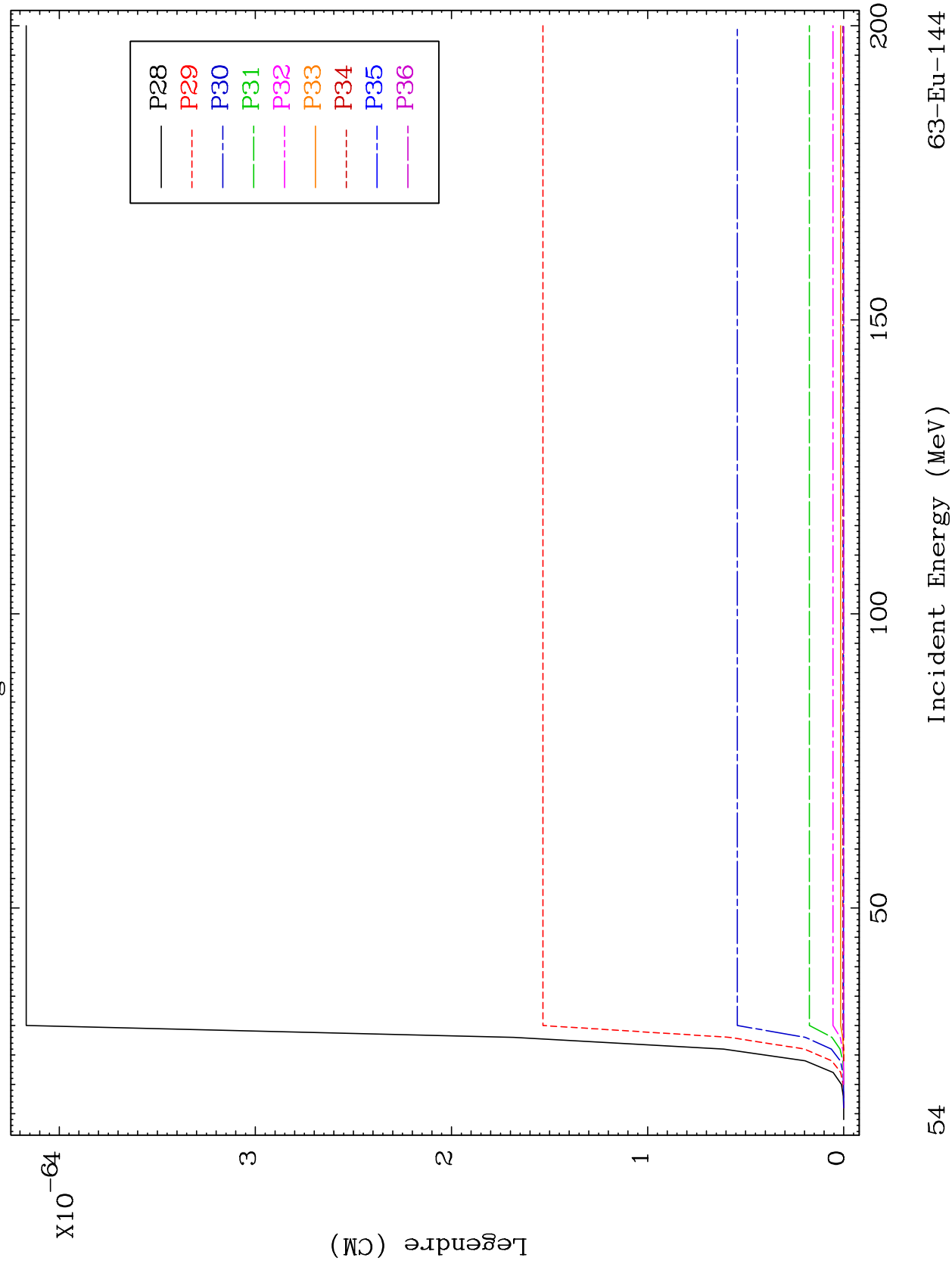
63-Eu-144

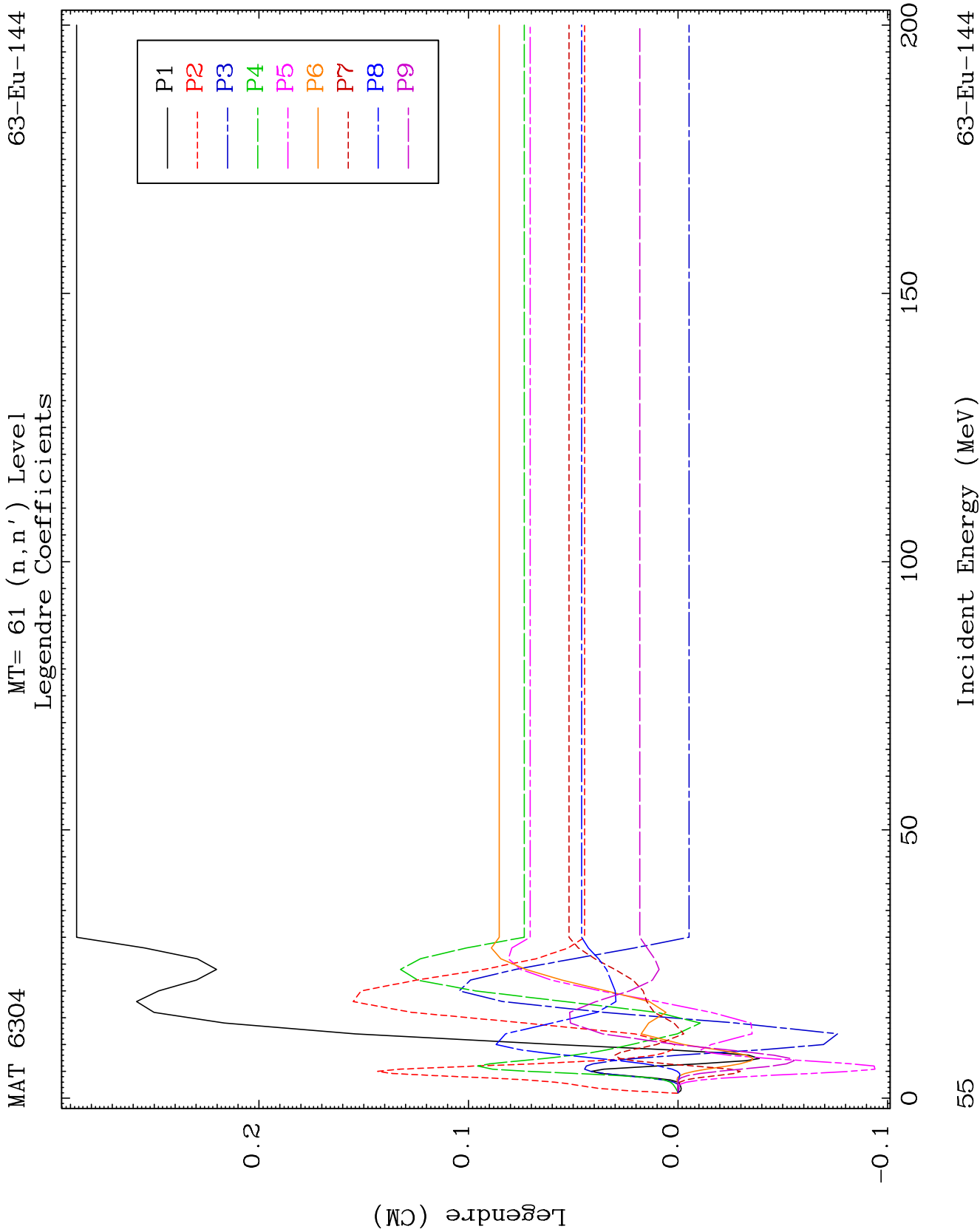


MAT 6304

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

63-Eu-144

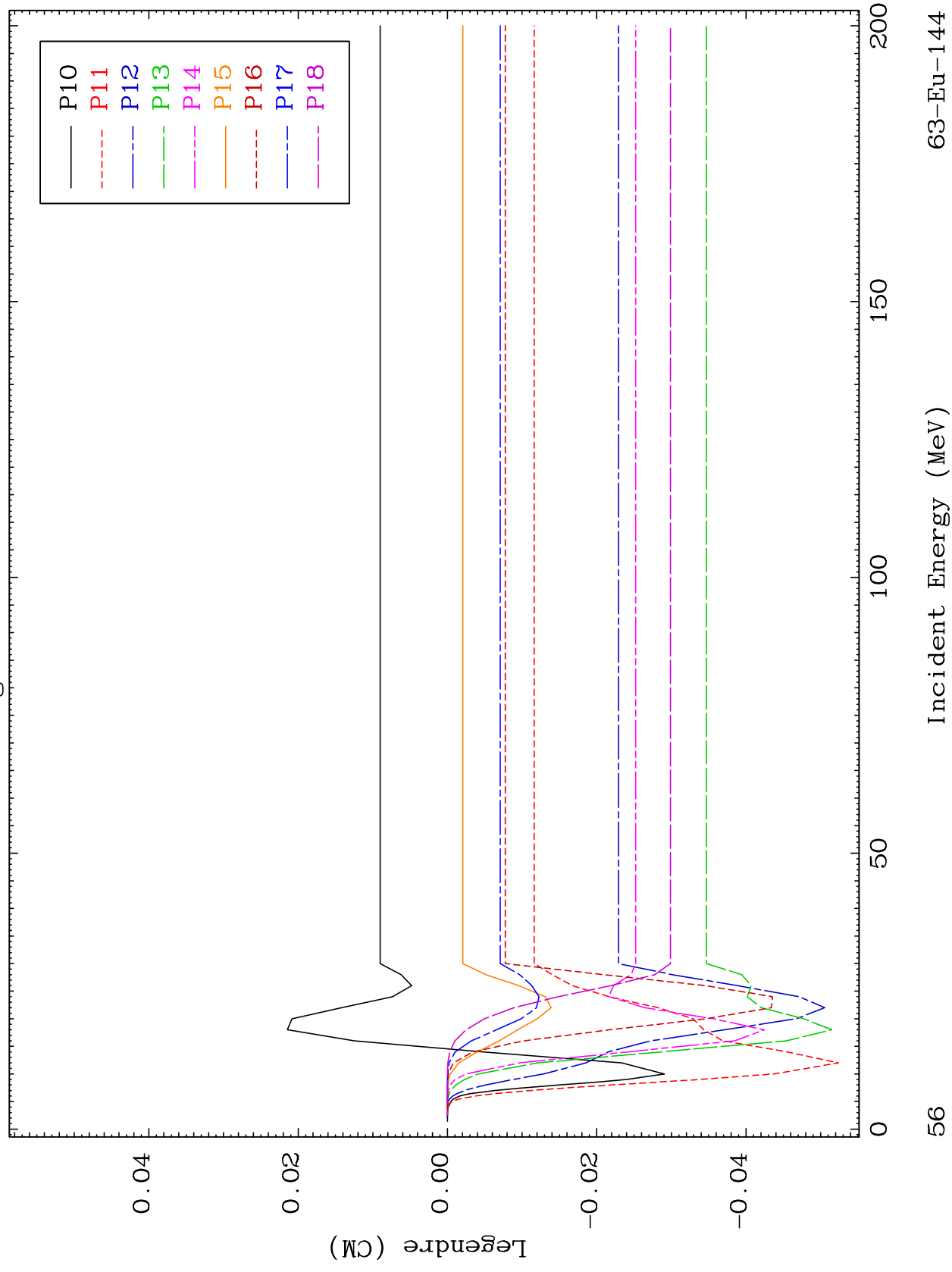


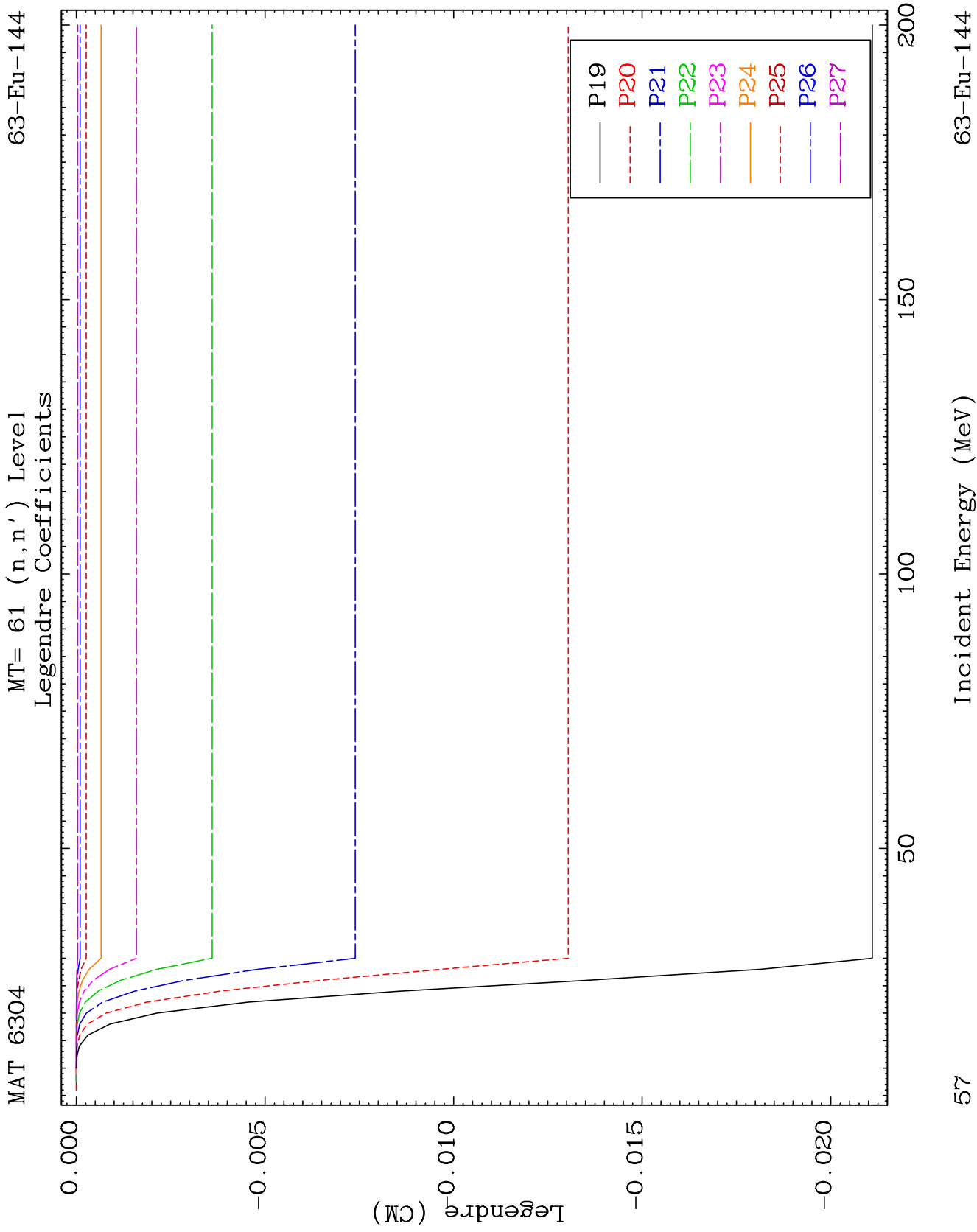


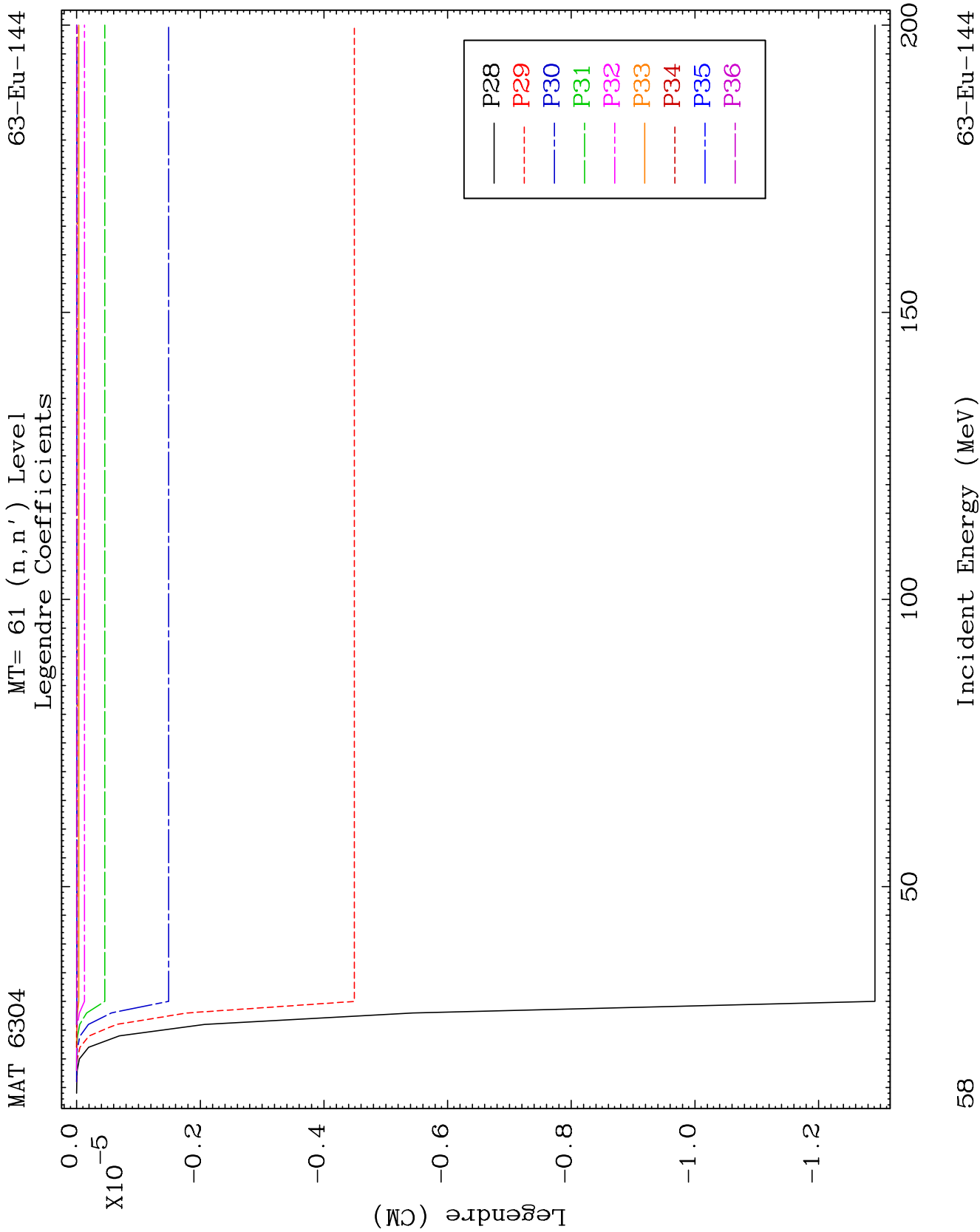
MAT 6304

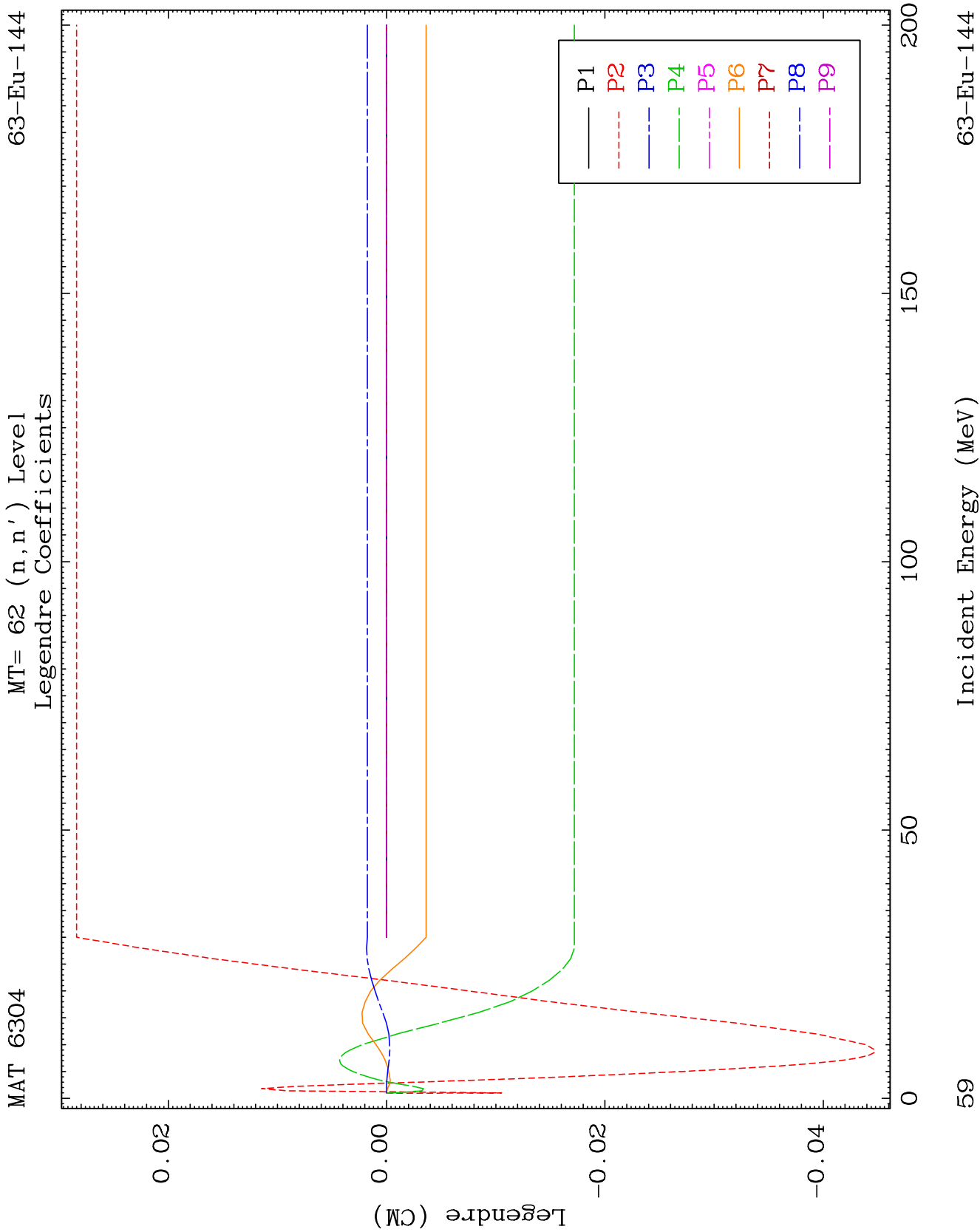
MT= 61 (n, n') Level
Legendre Coefficients

63-Eu-144





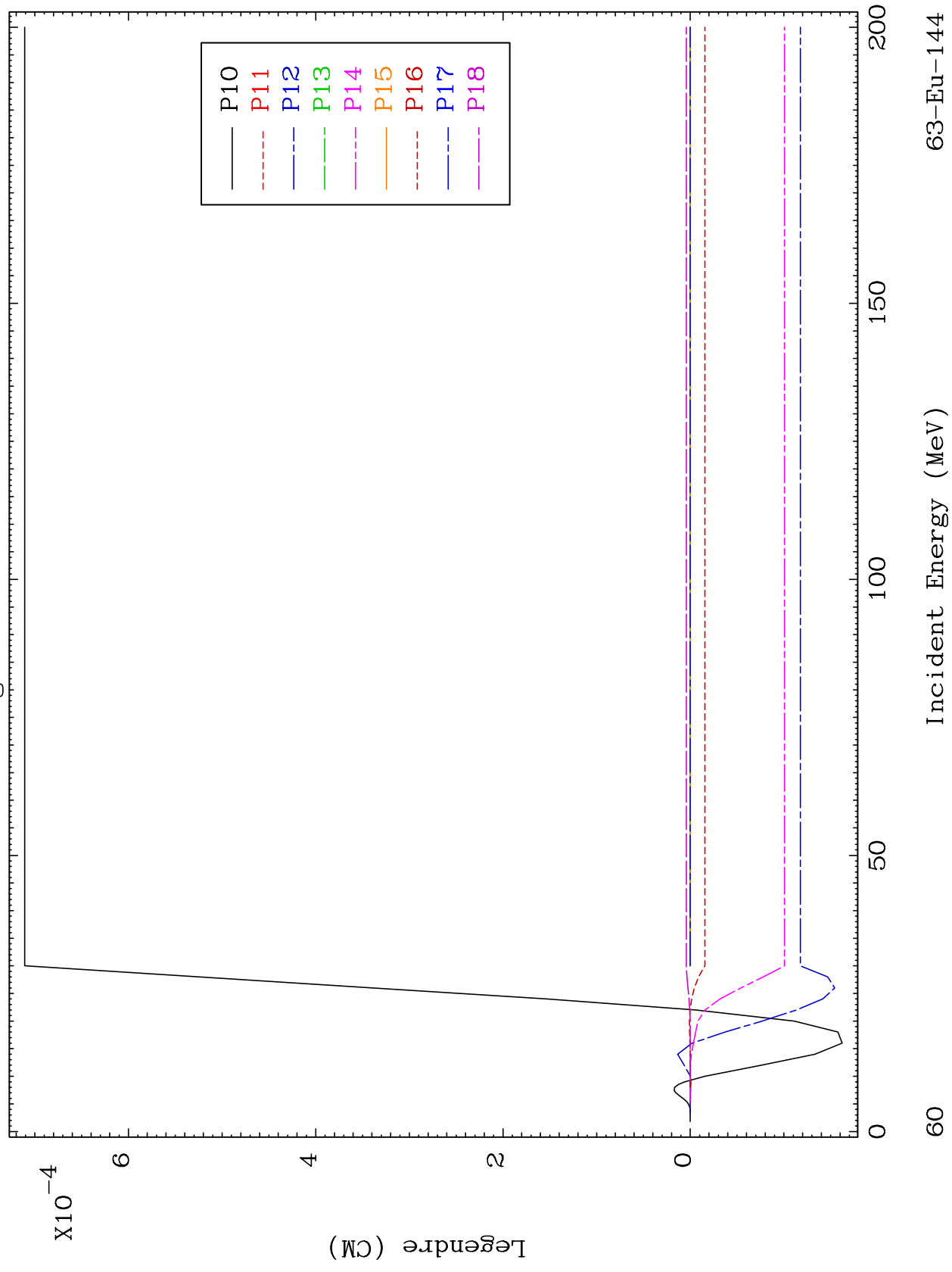


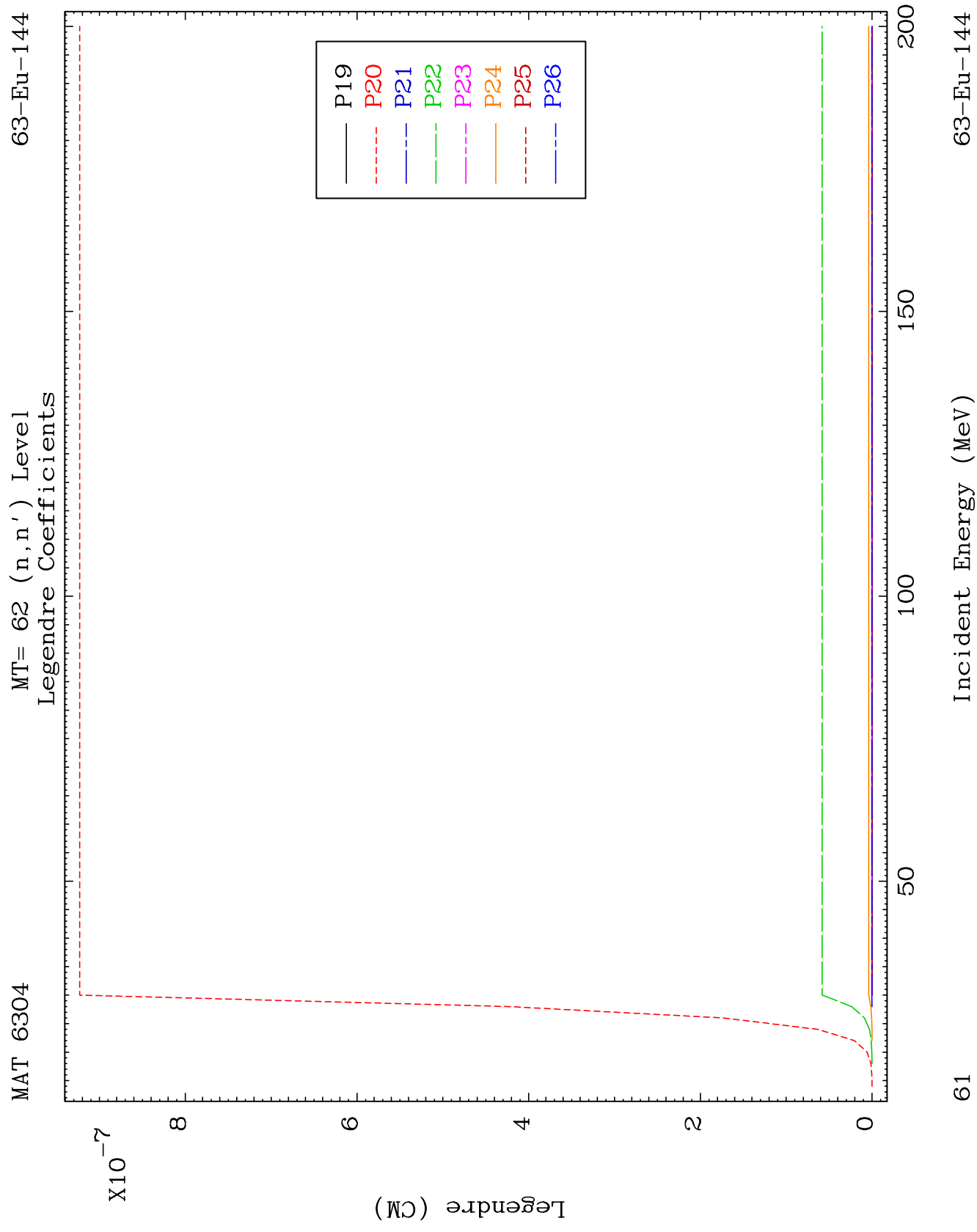


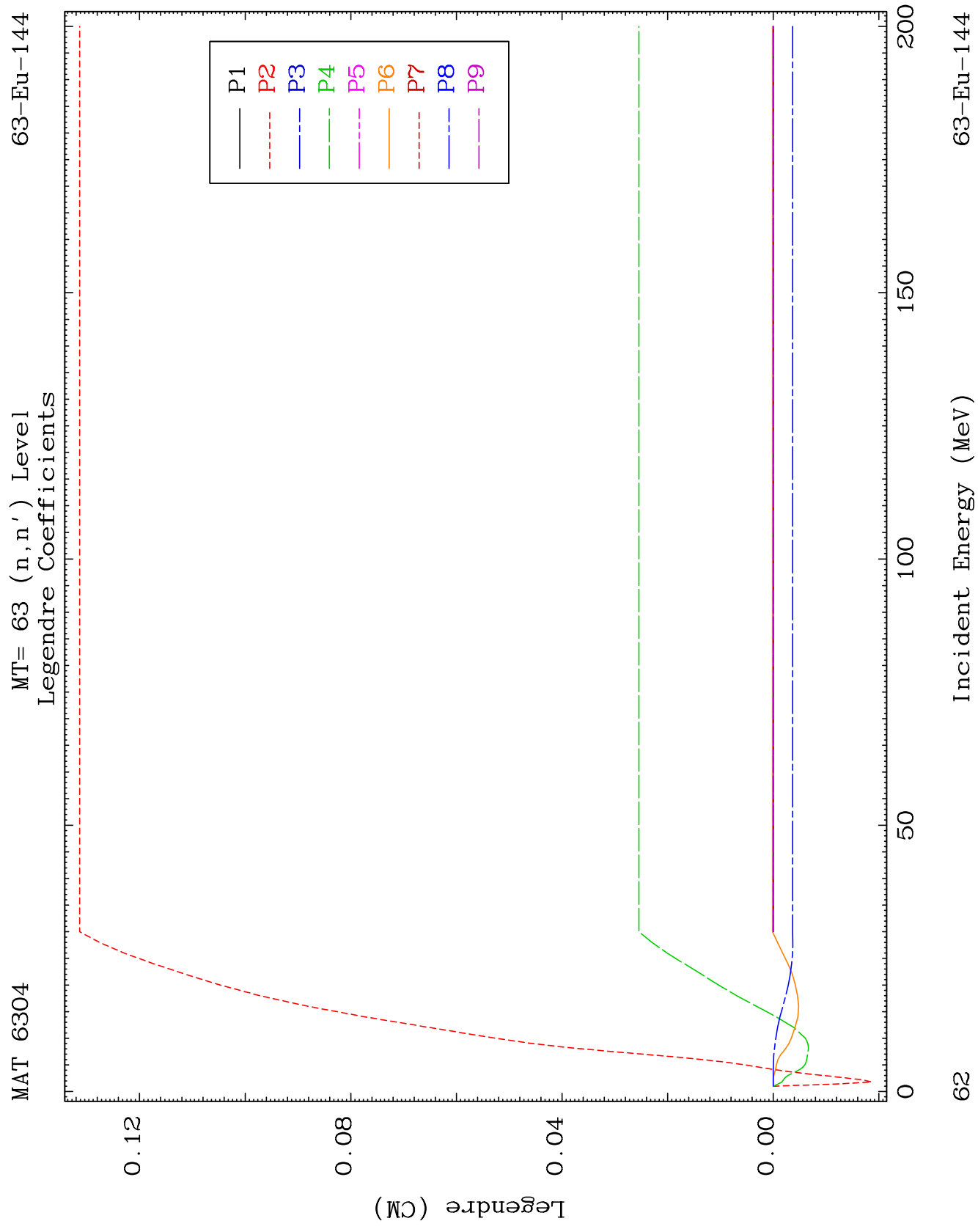
MAT 6304

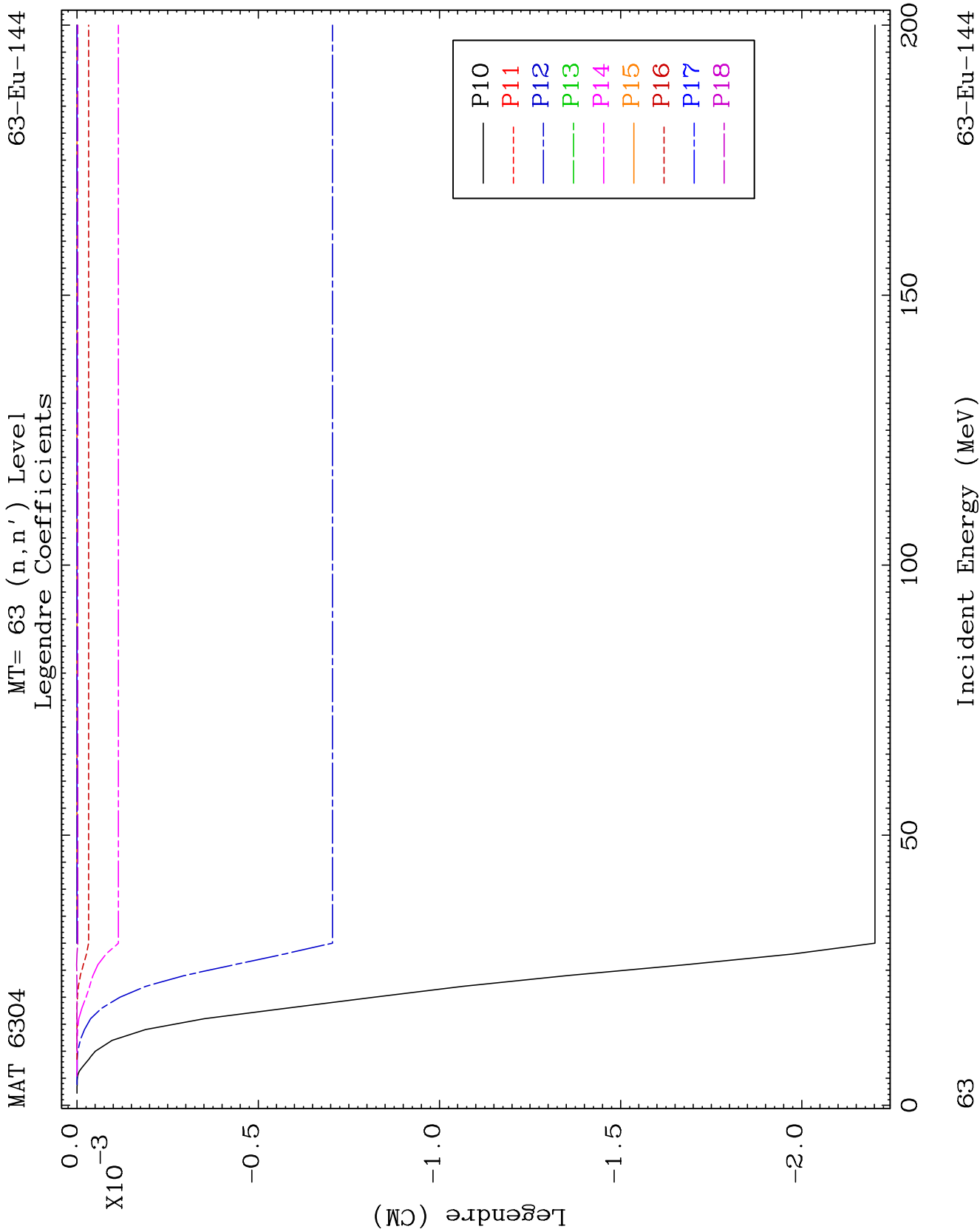
MT= 62 (n, n') Level
Legendre Coefficients

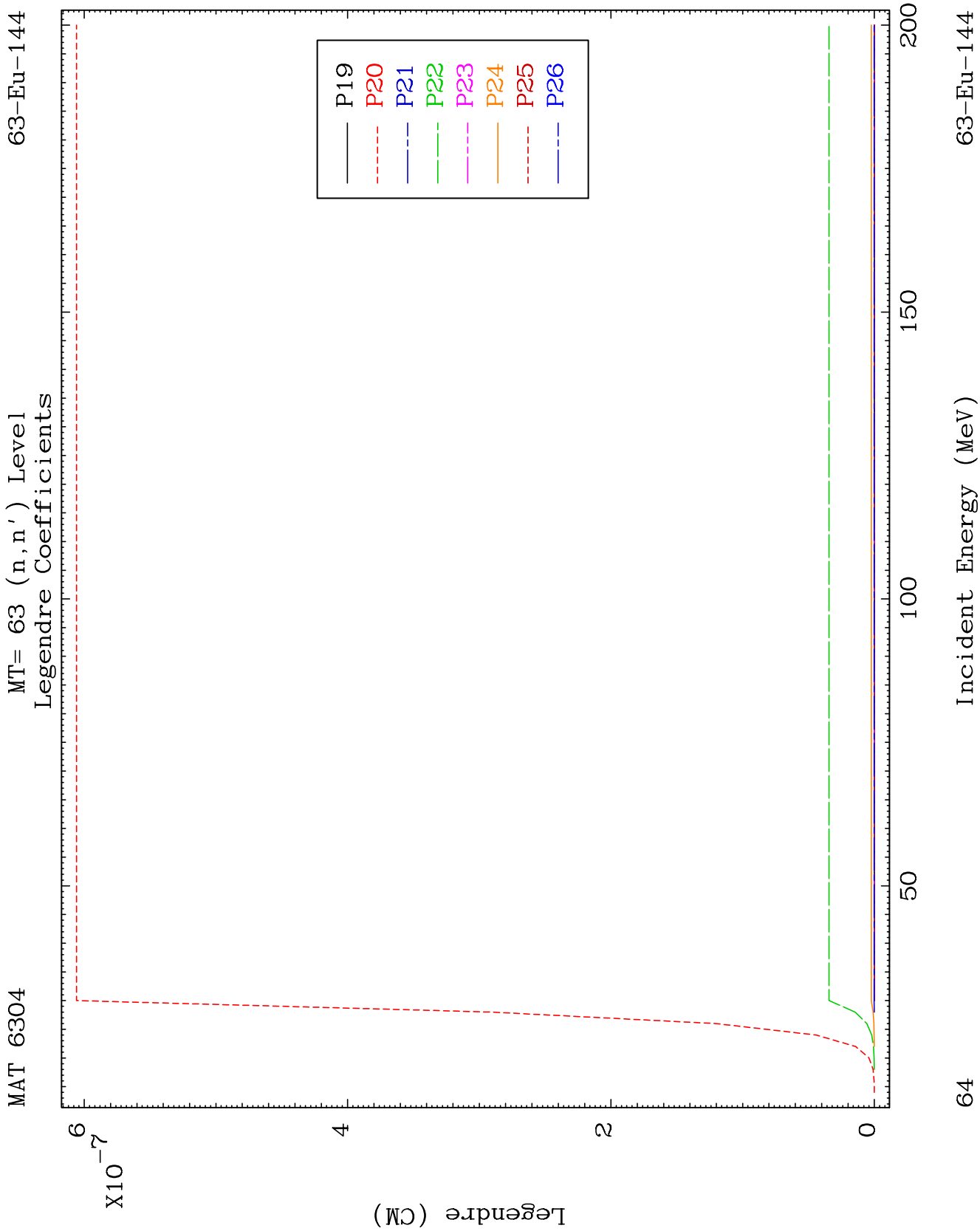
63-Eu-144

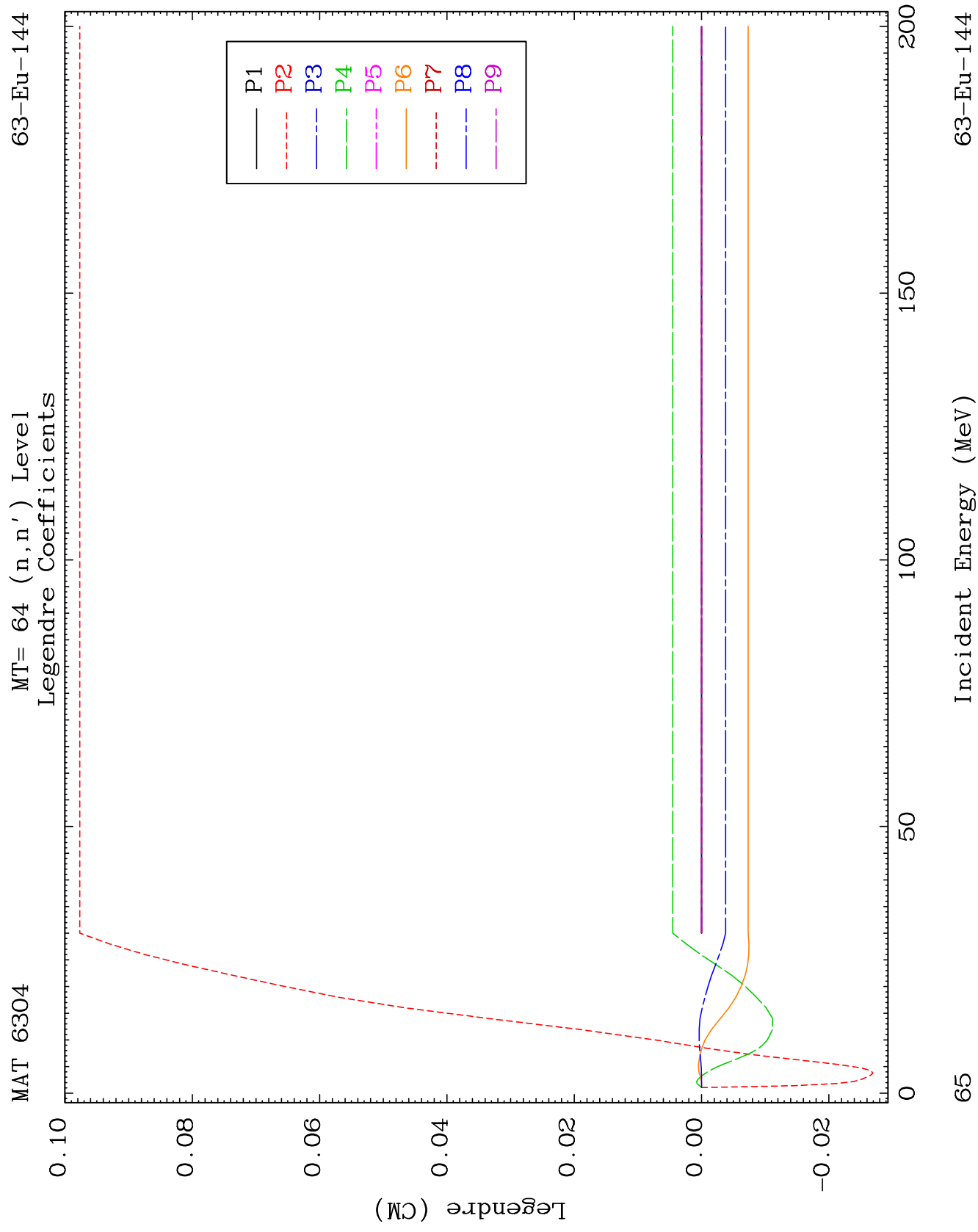


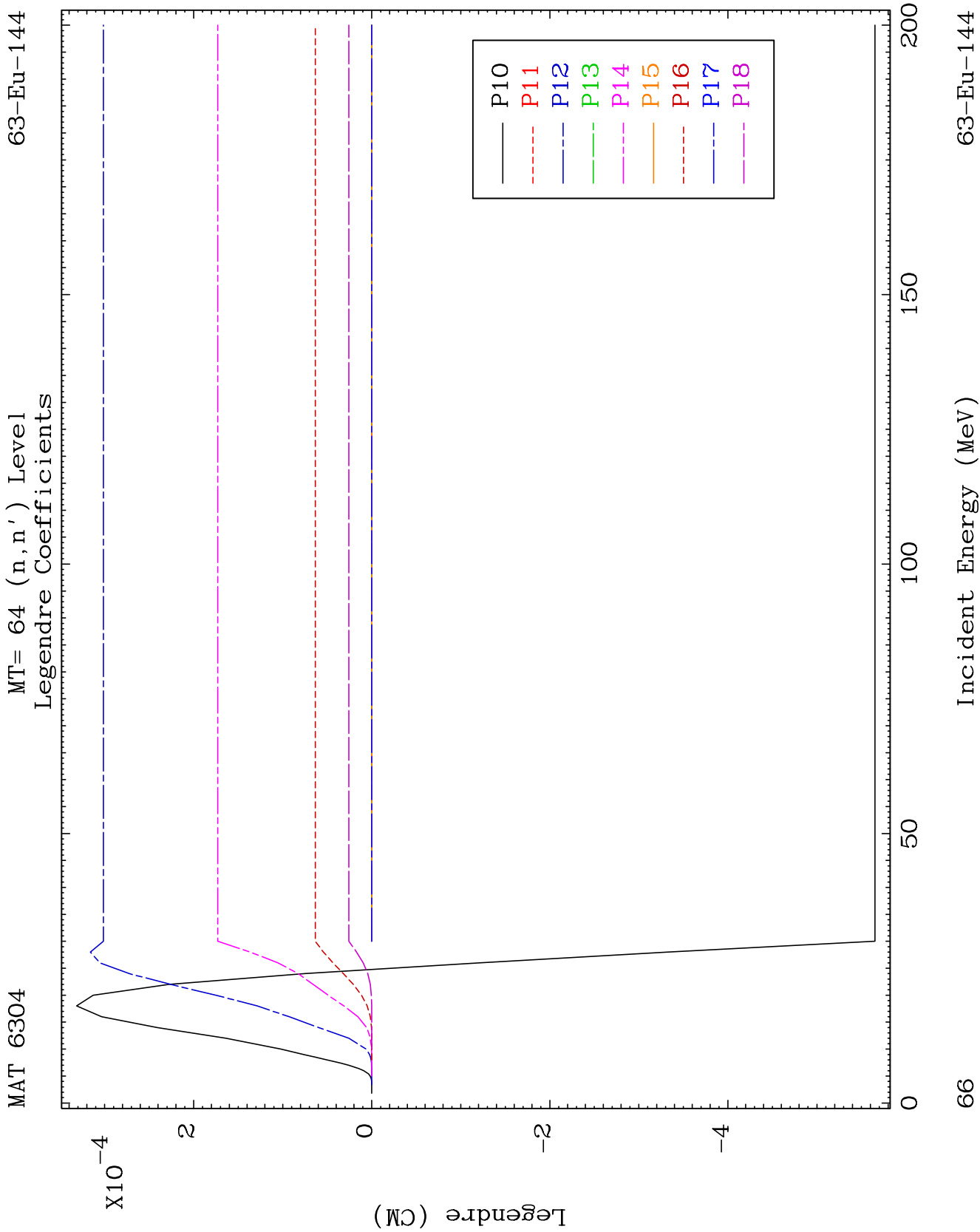


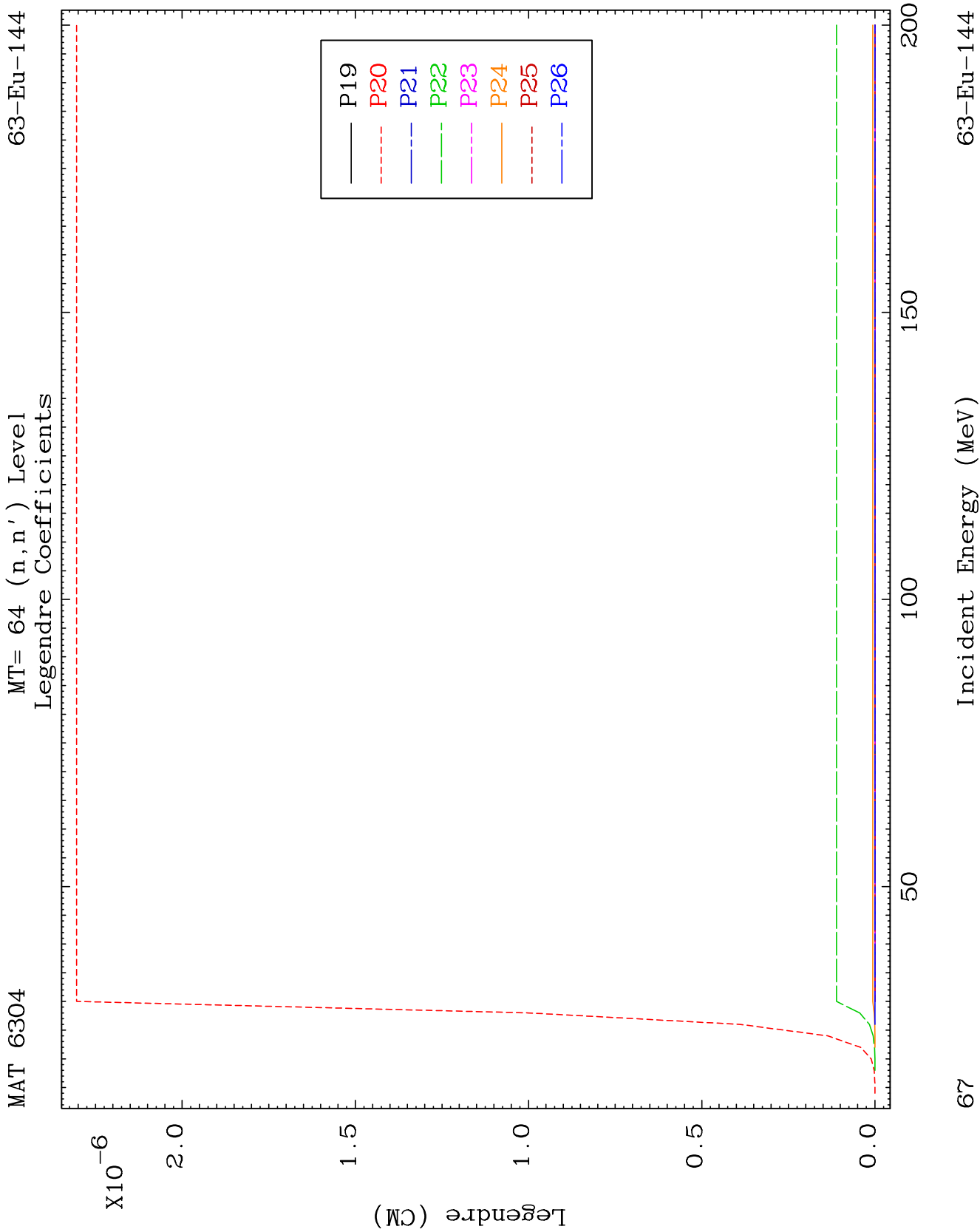








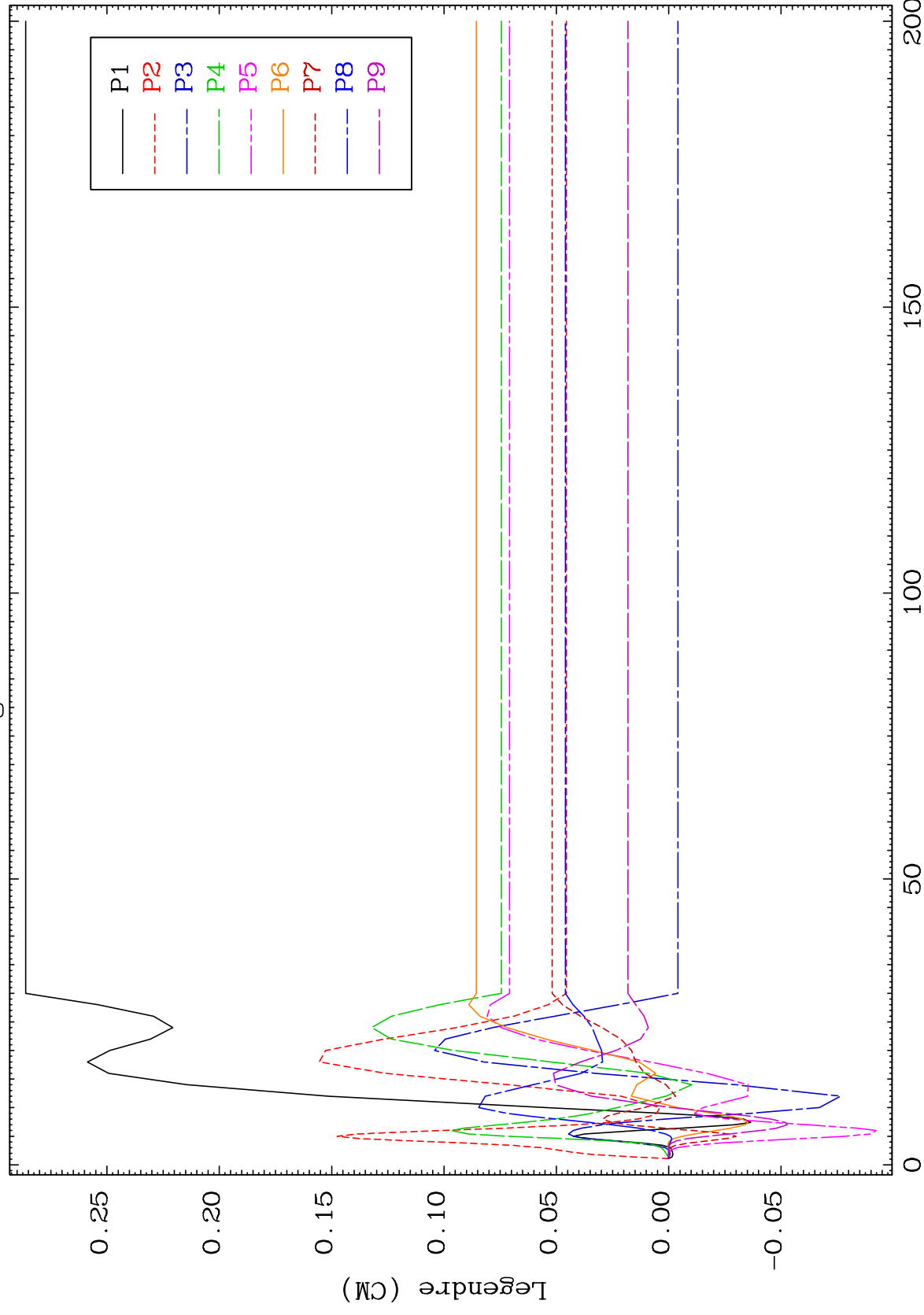




MAT 6304

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

63-Eu-144



89

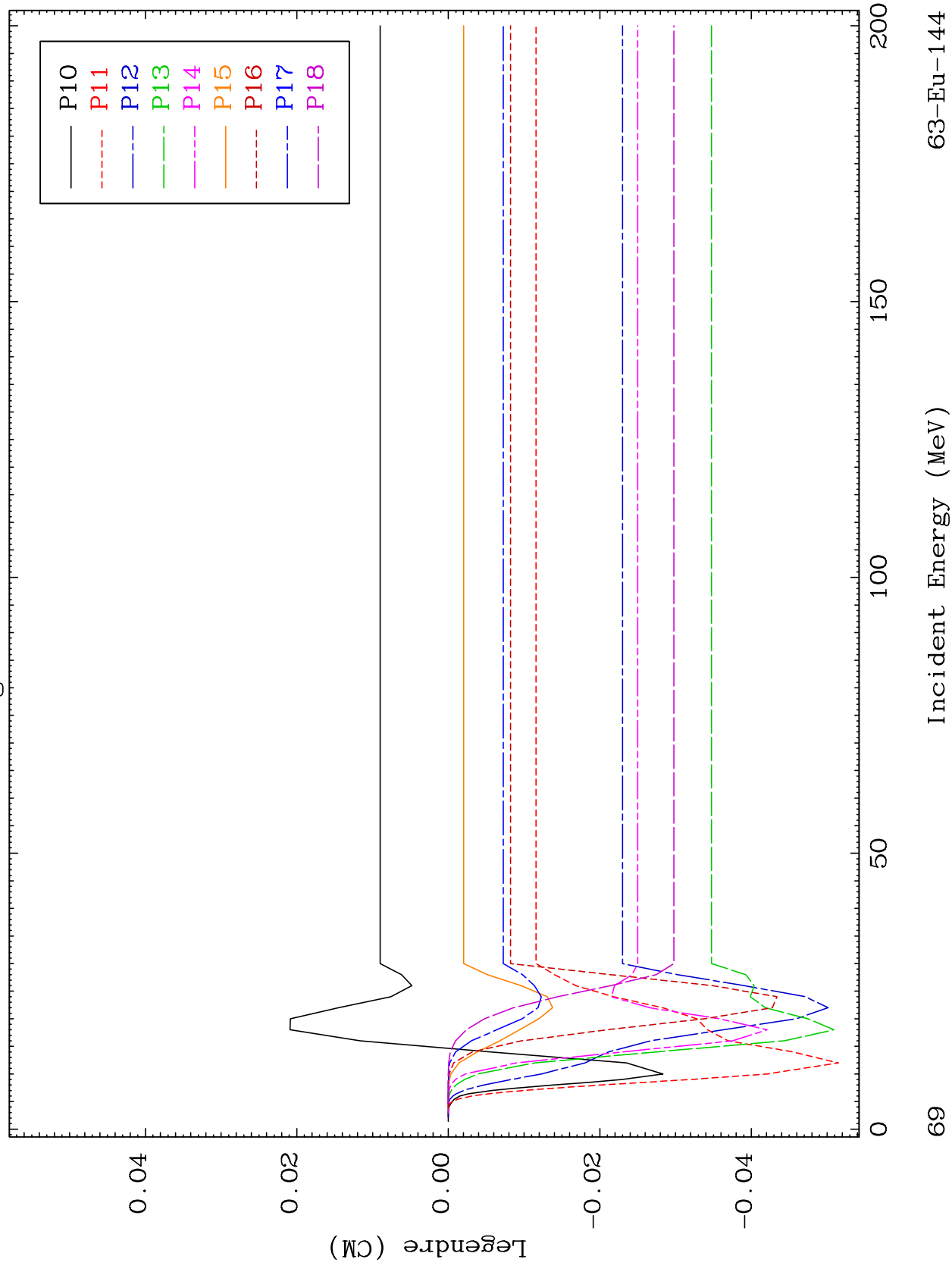
Incident Energy (MeV)

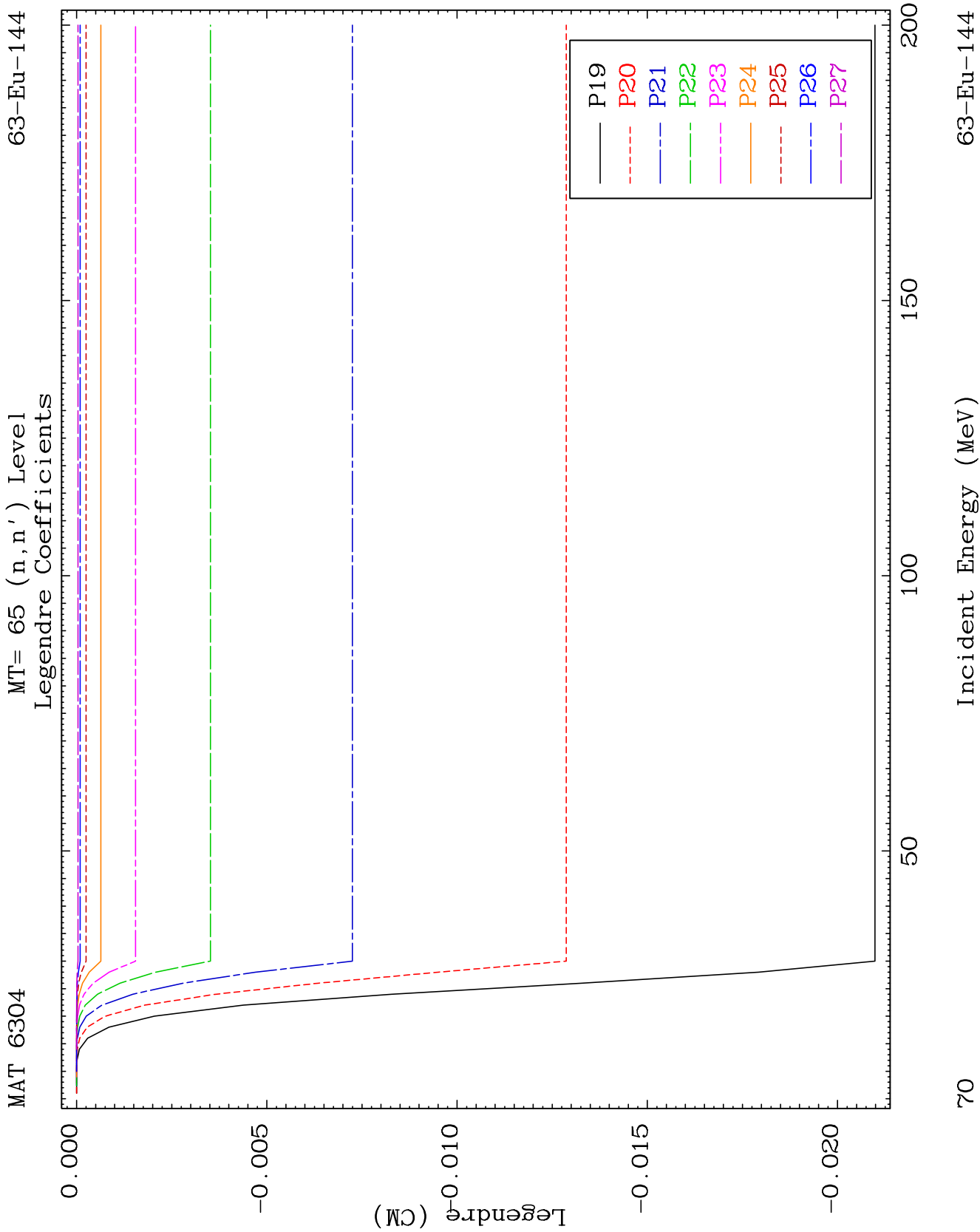
63-Eu-144

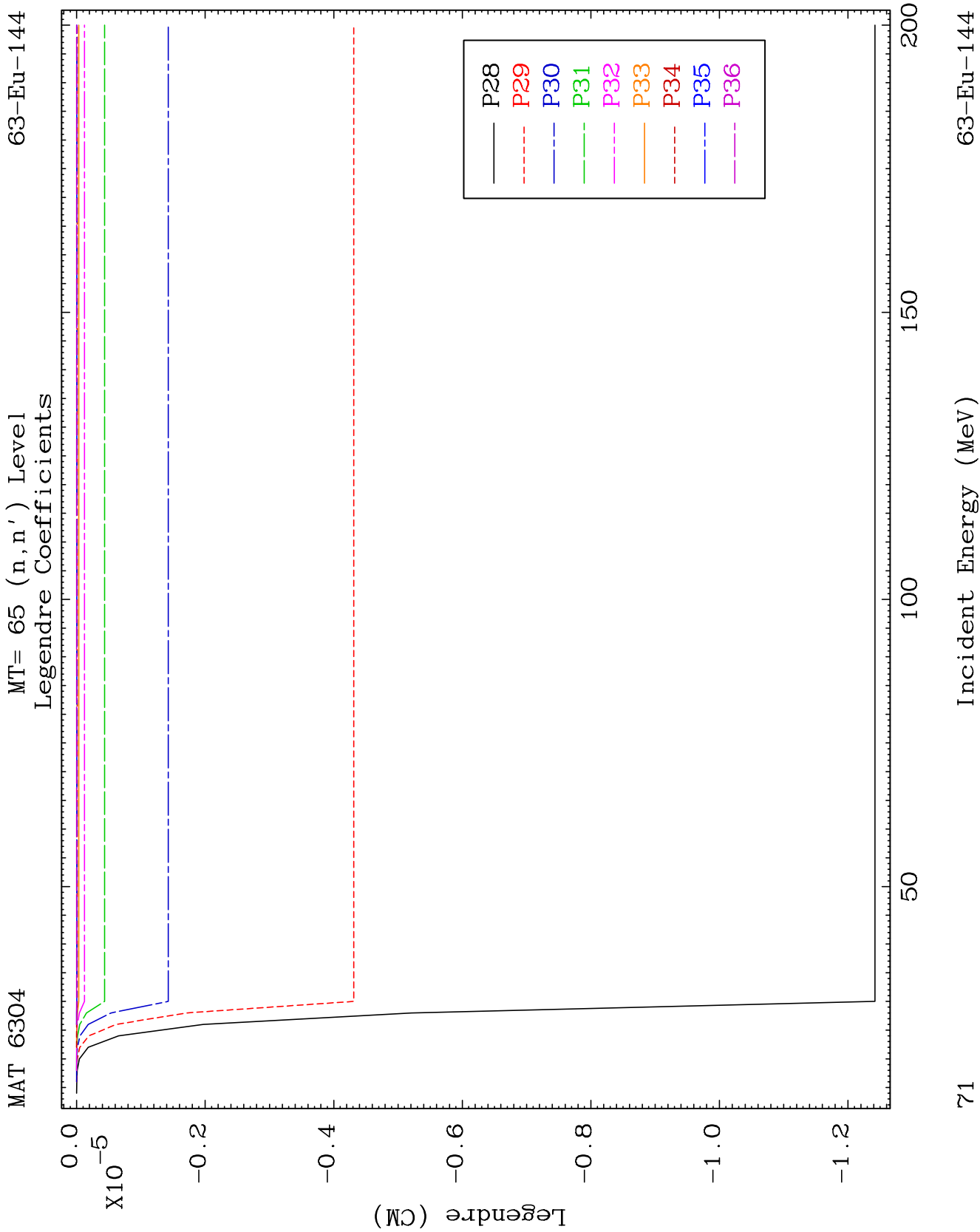
MAT 6304

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

63-Eu-144



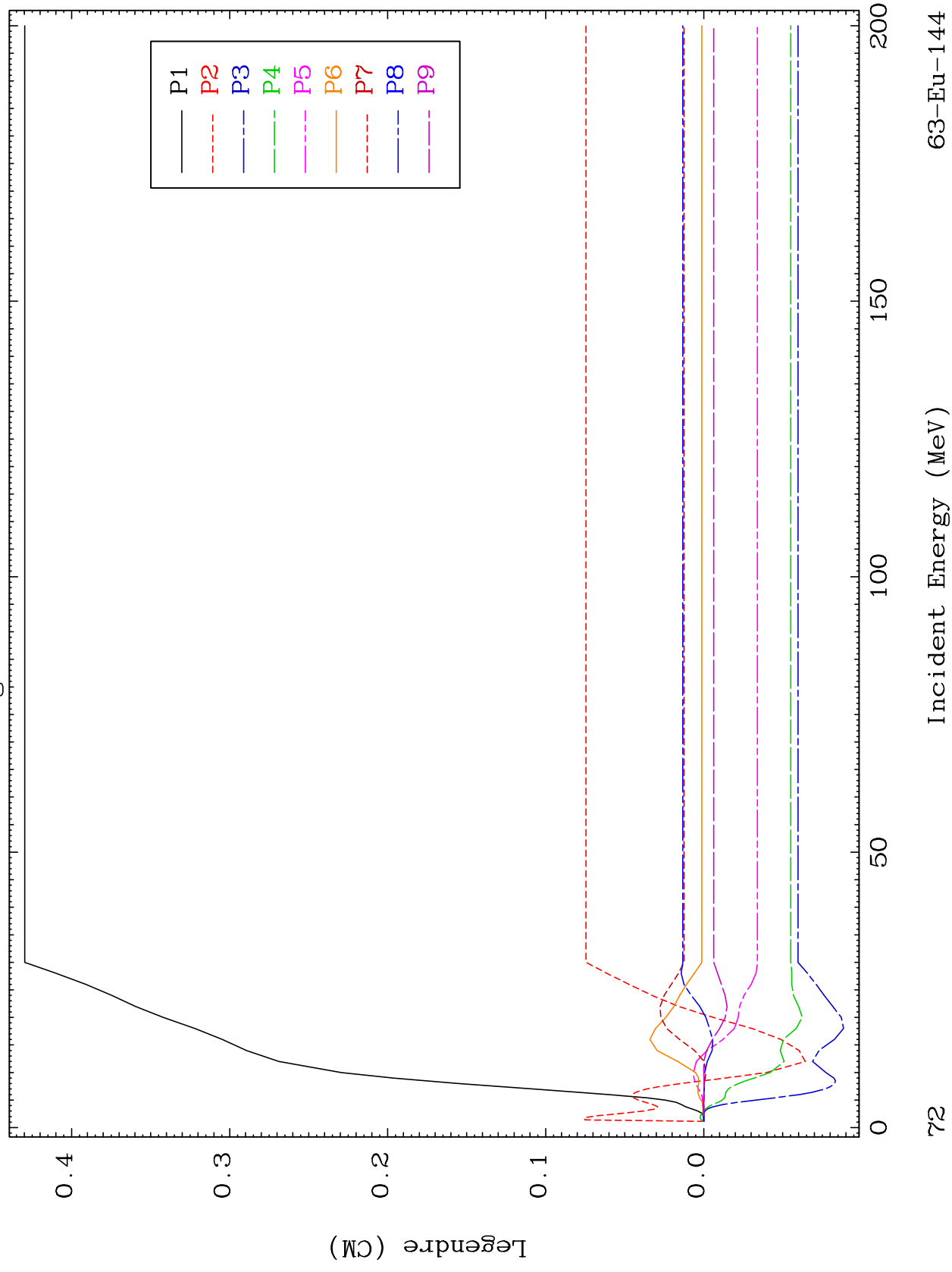


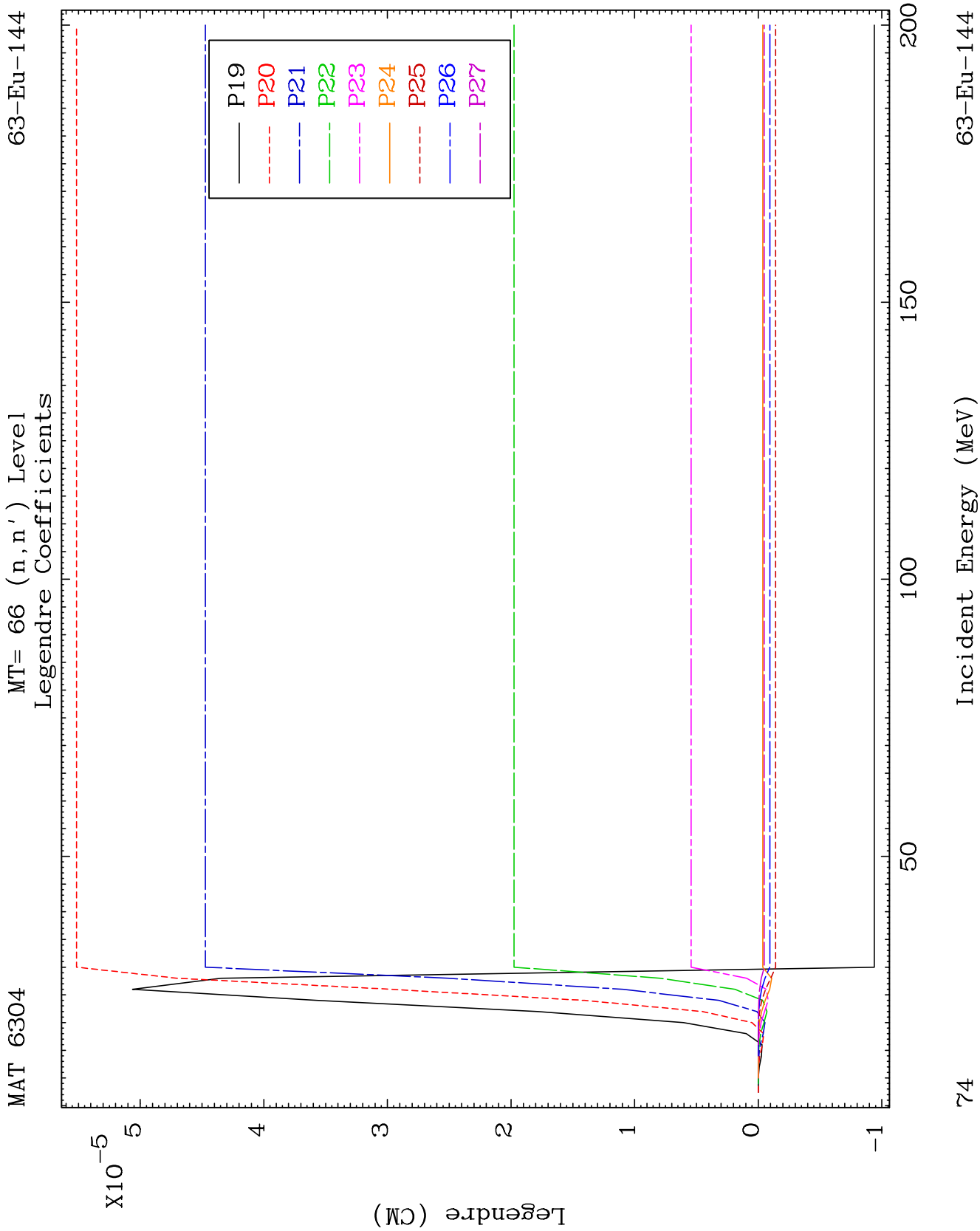


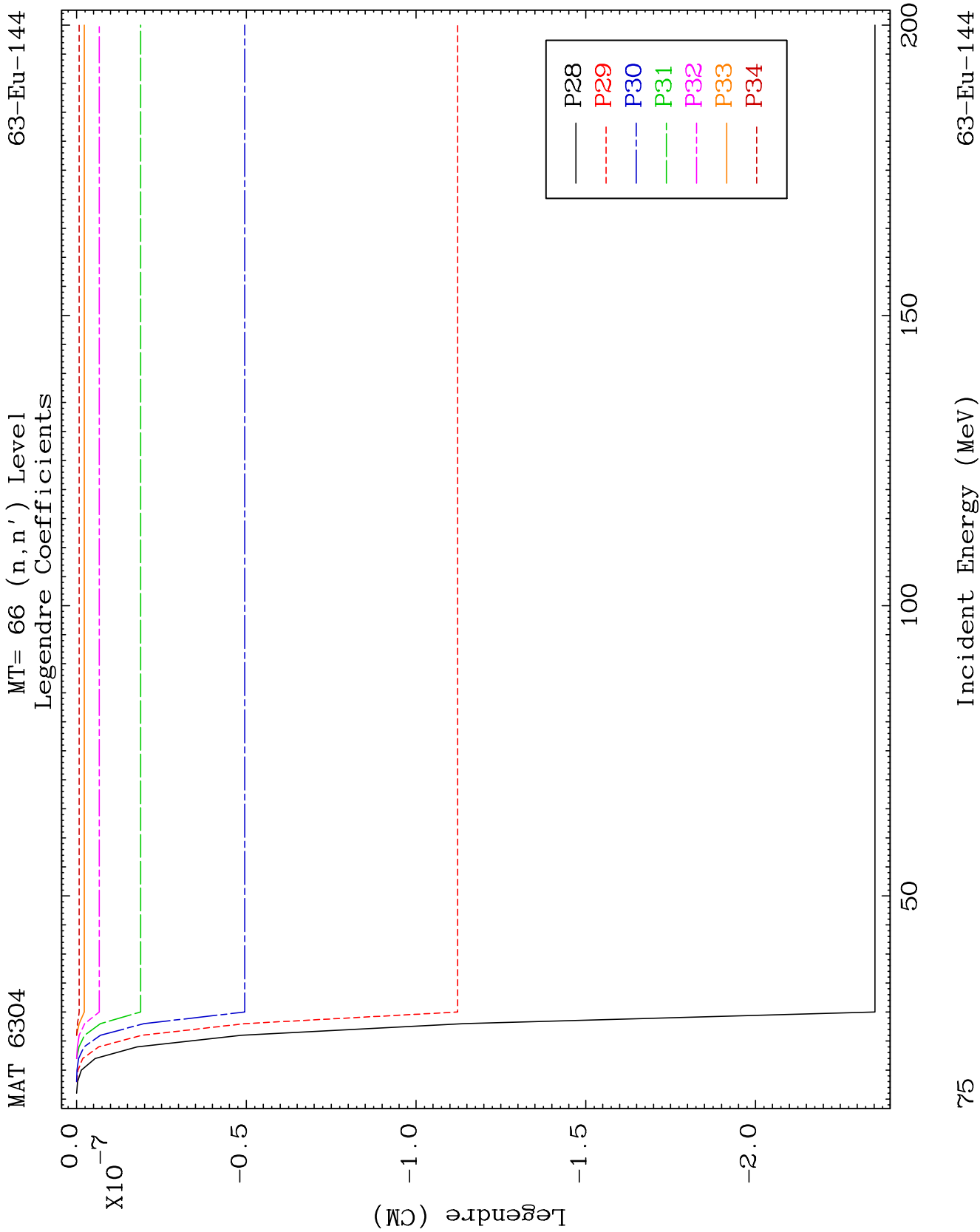
MAT 6304

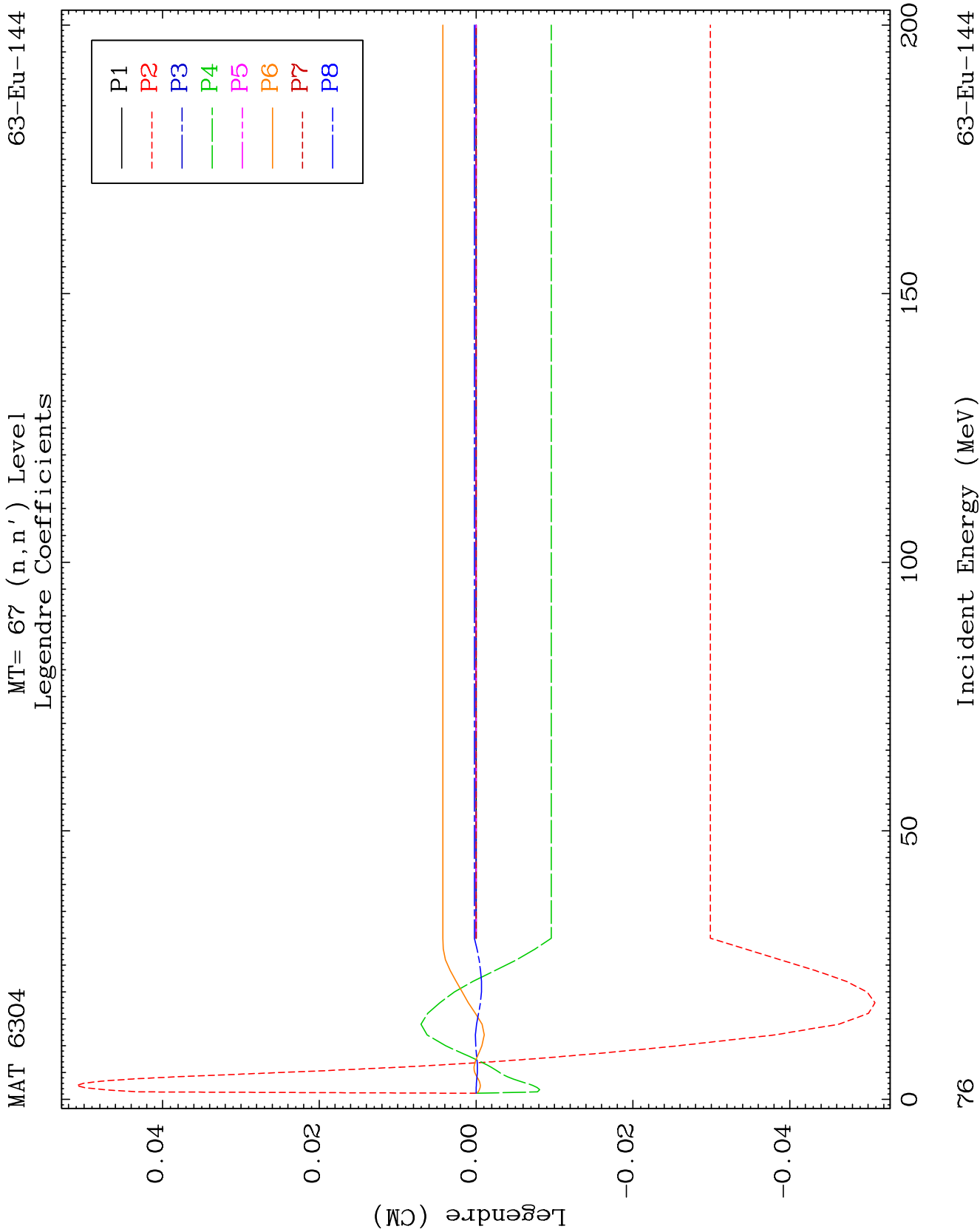
MT= 66 (n, n') Level
Legendre Coefficients

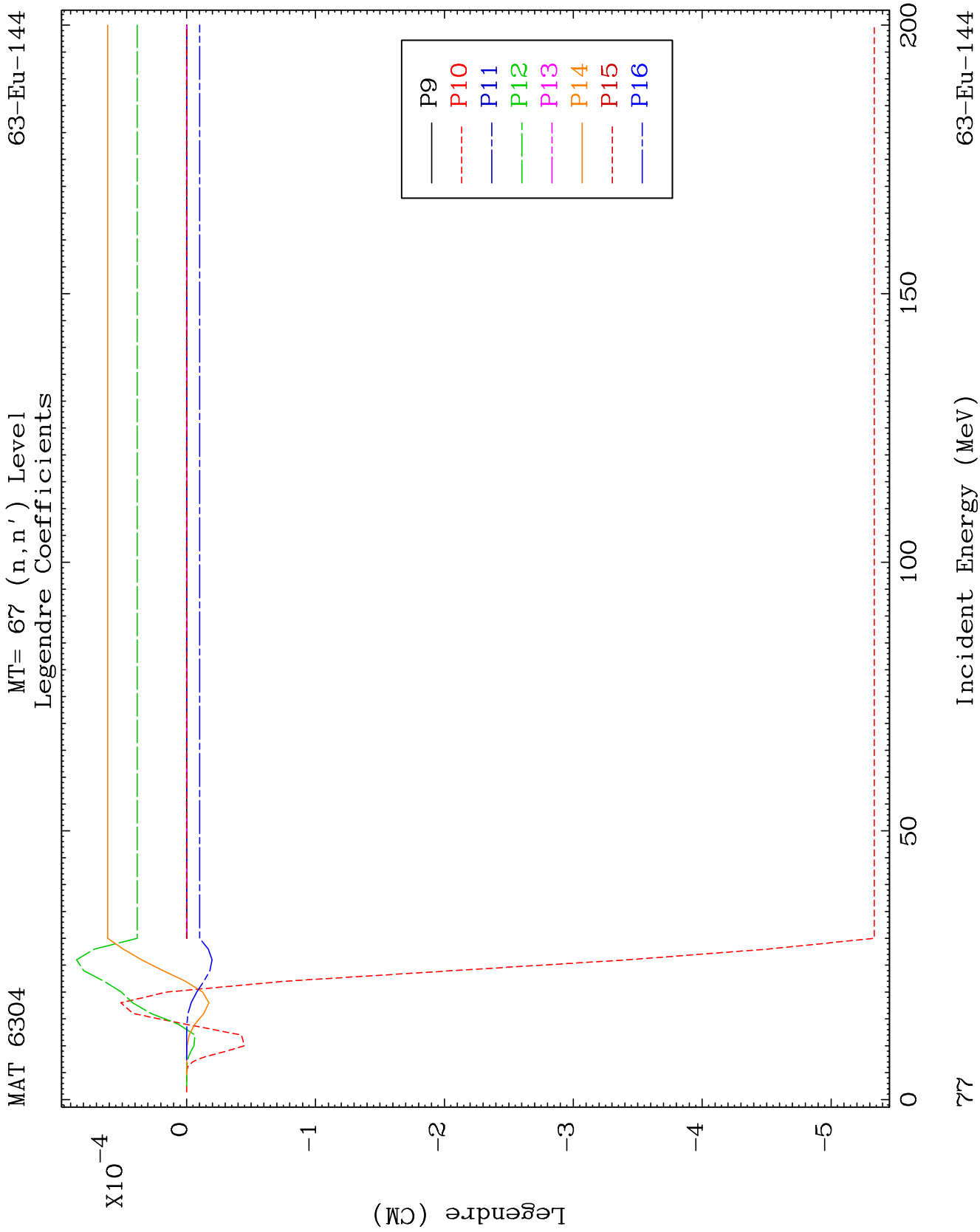
63-Eu-144

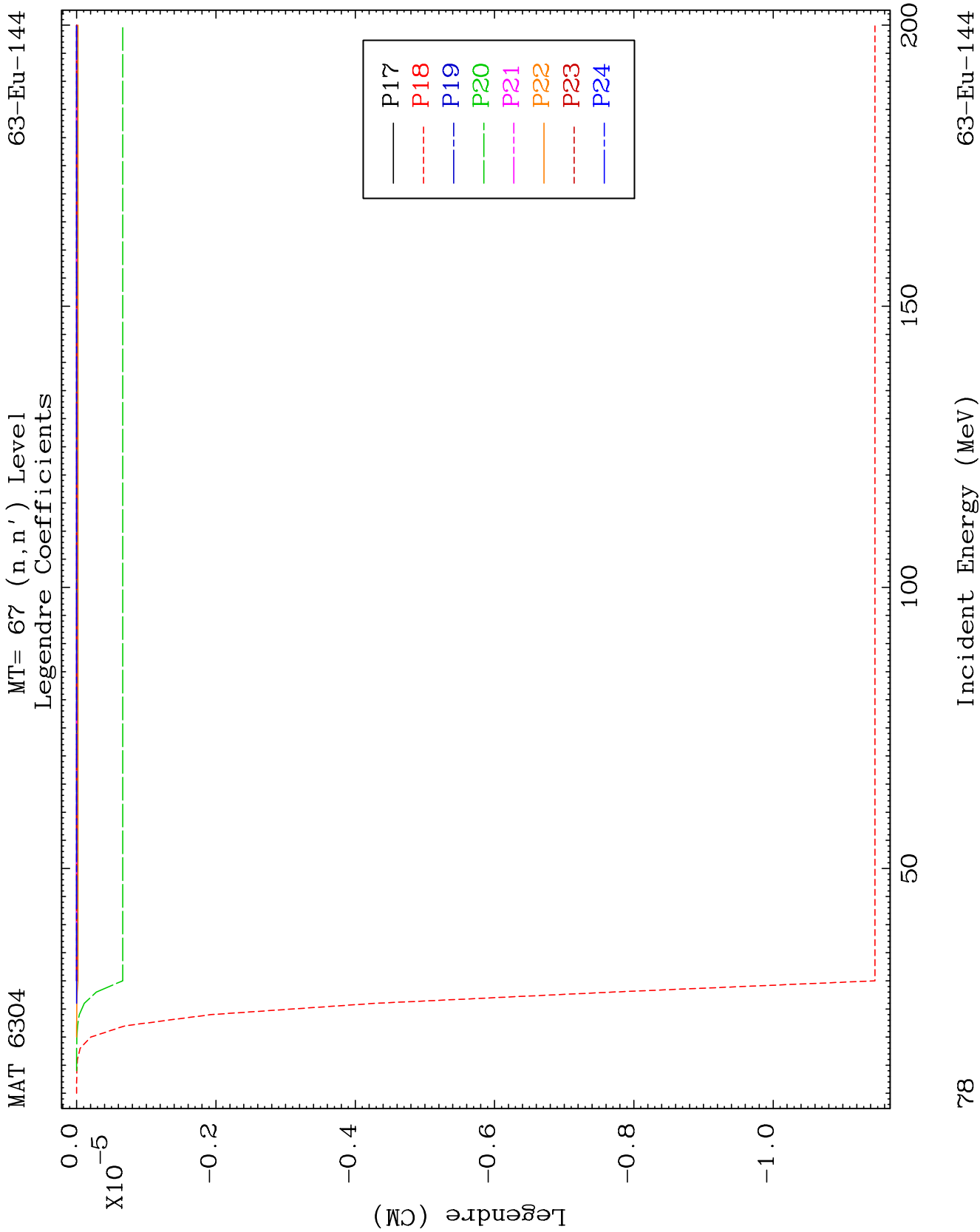








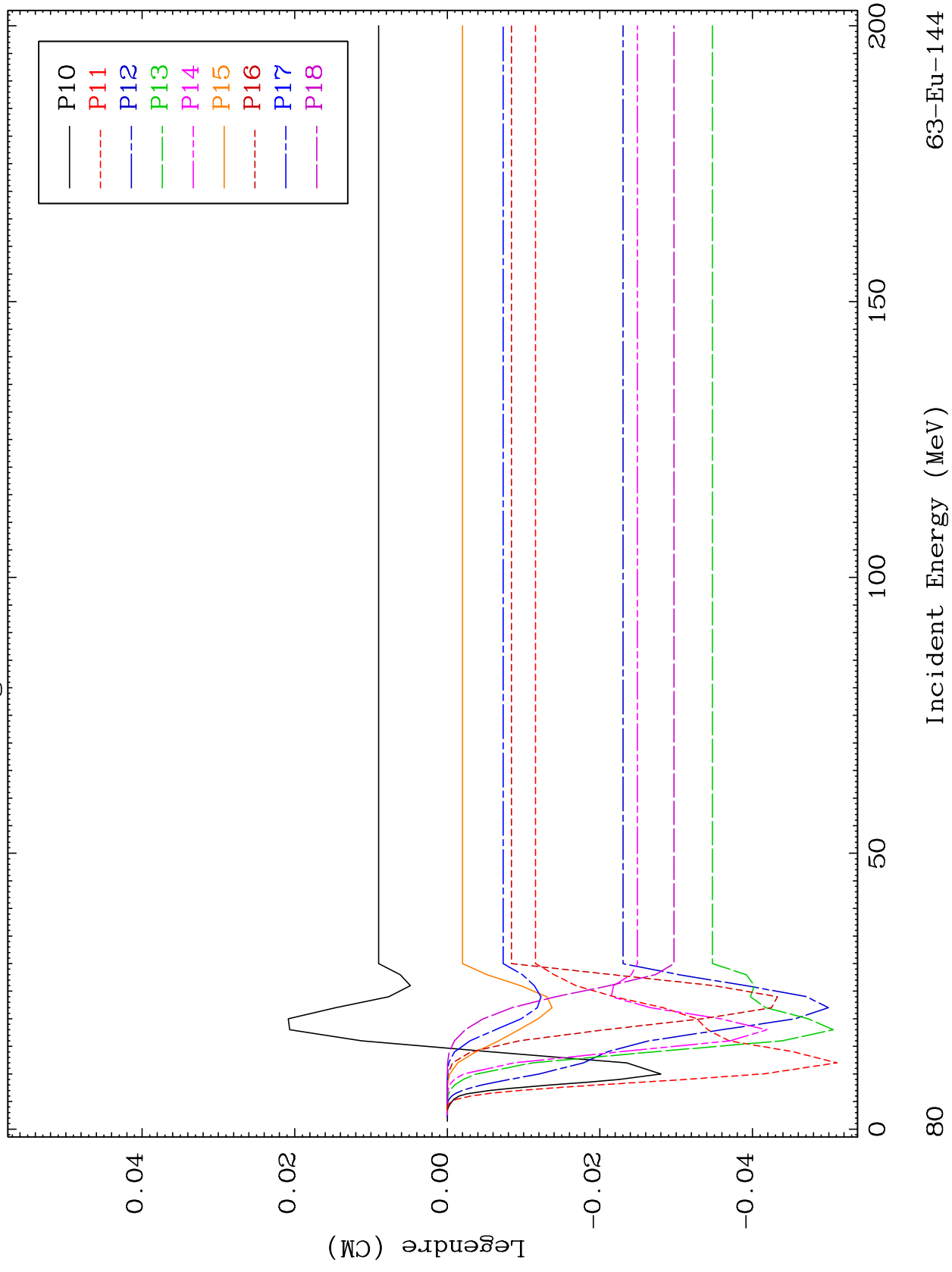


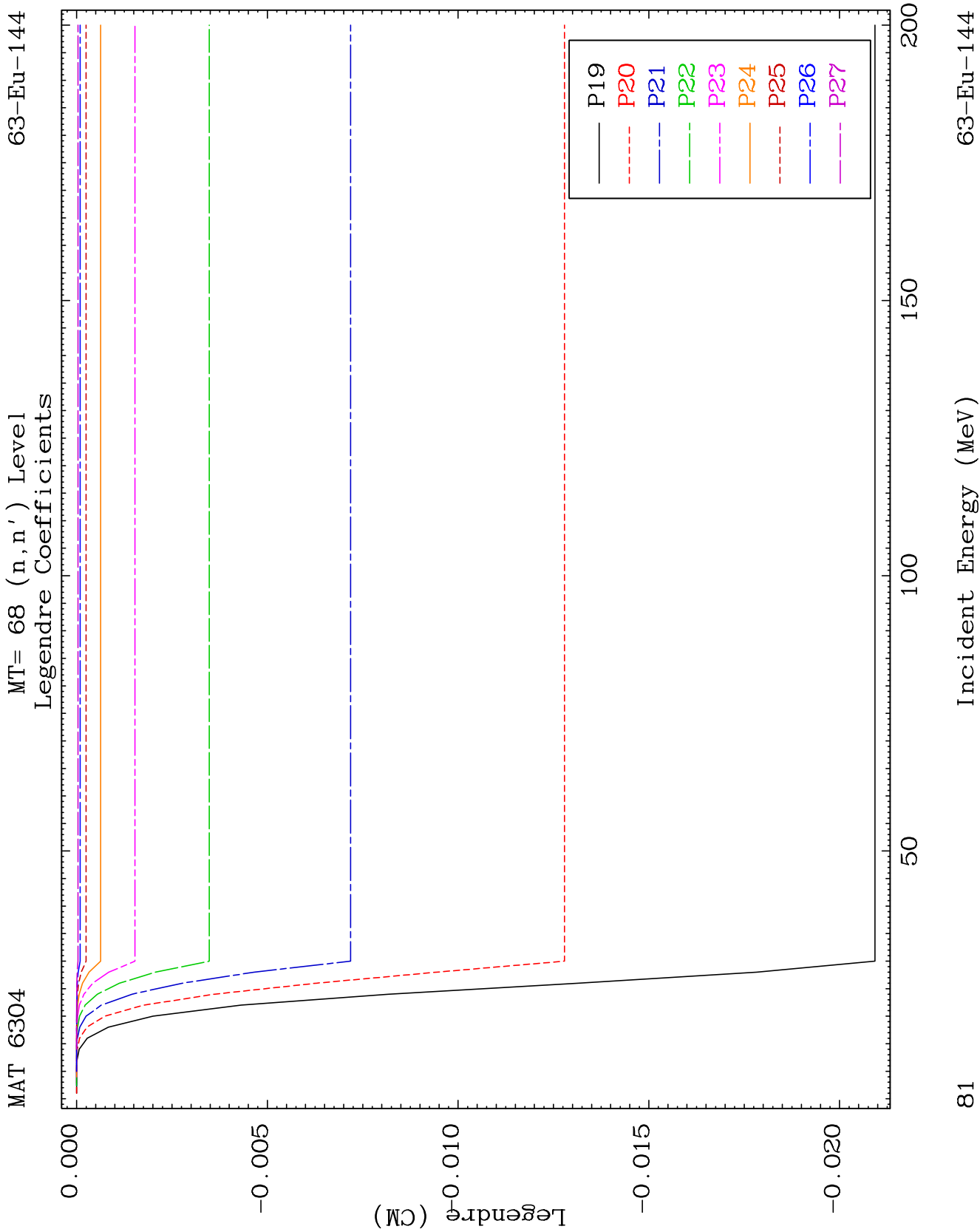


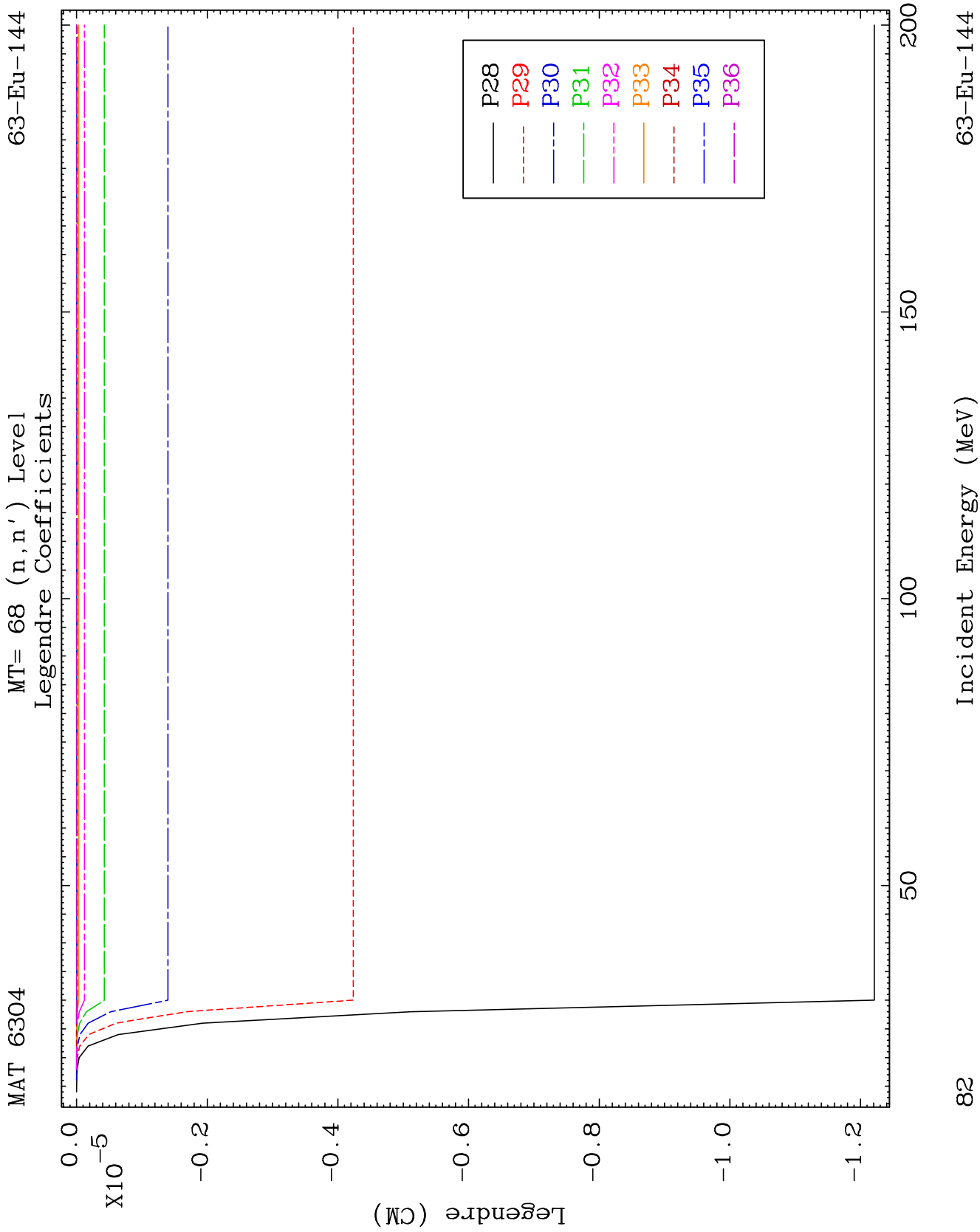
MAT 6304

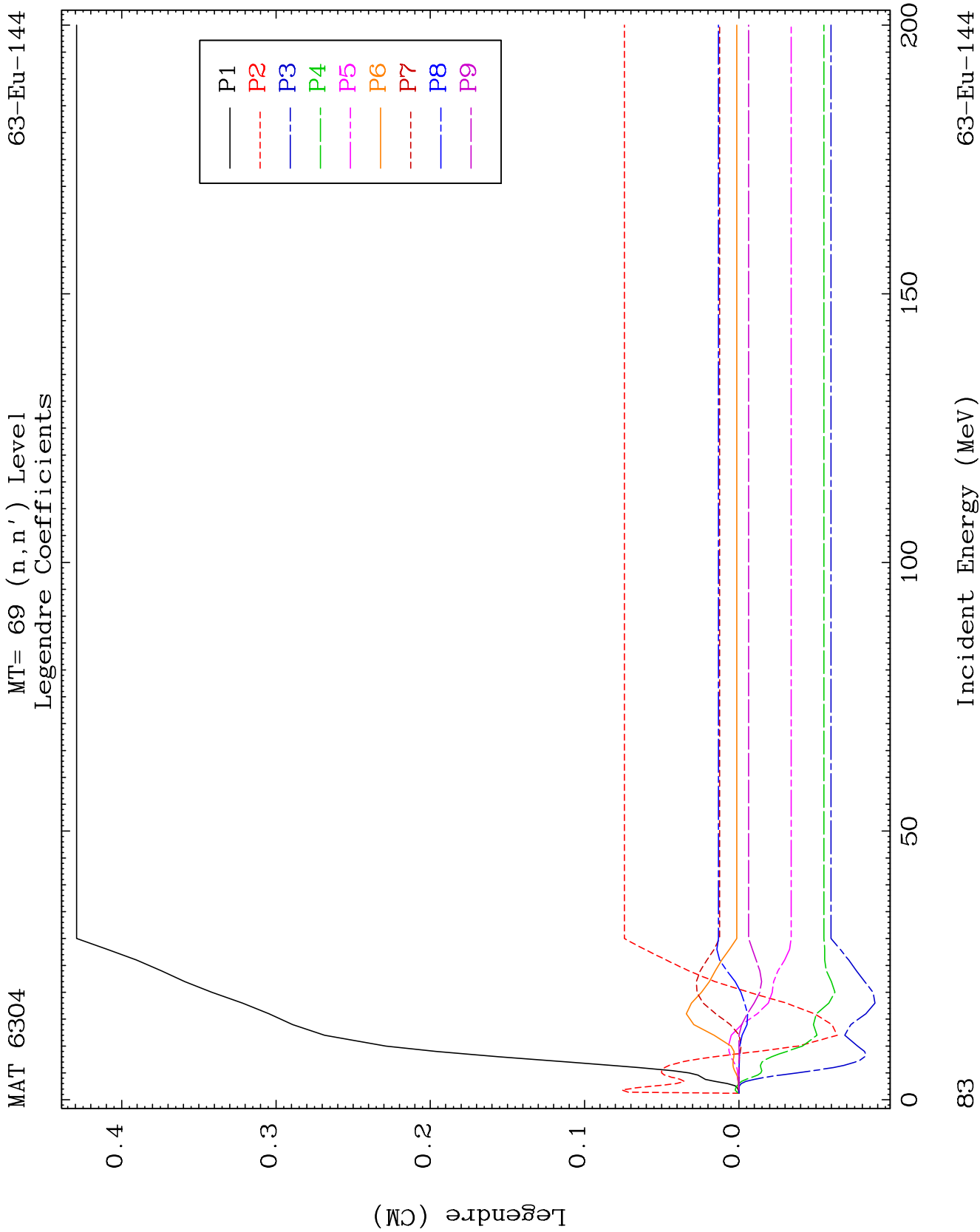
MT= 68 (n, n') Level
Legendre Coefficients

63-Eu-144





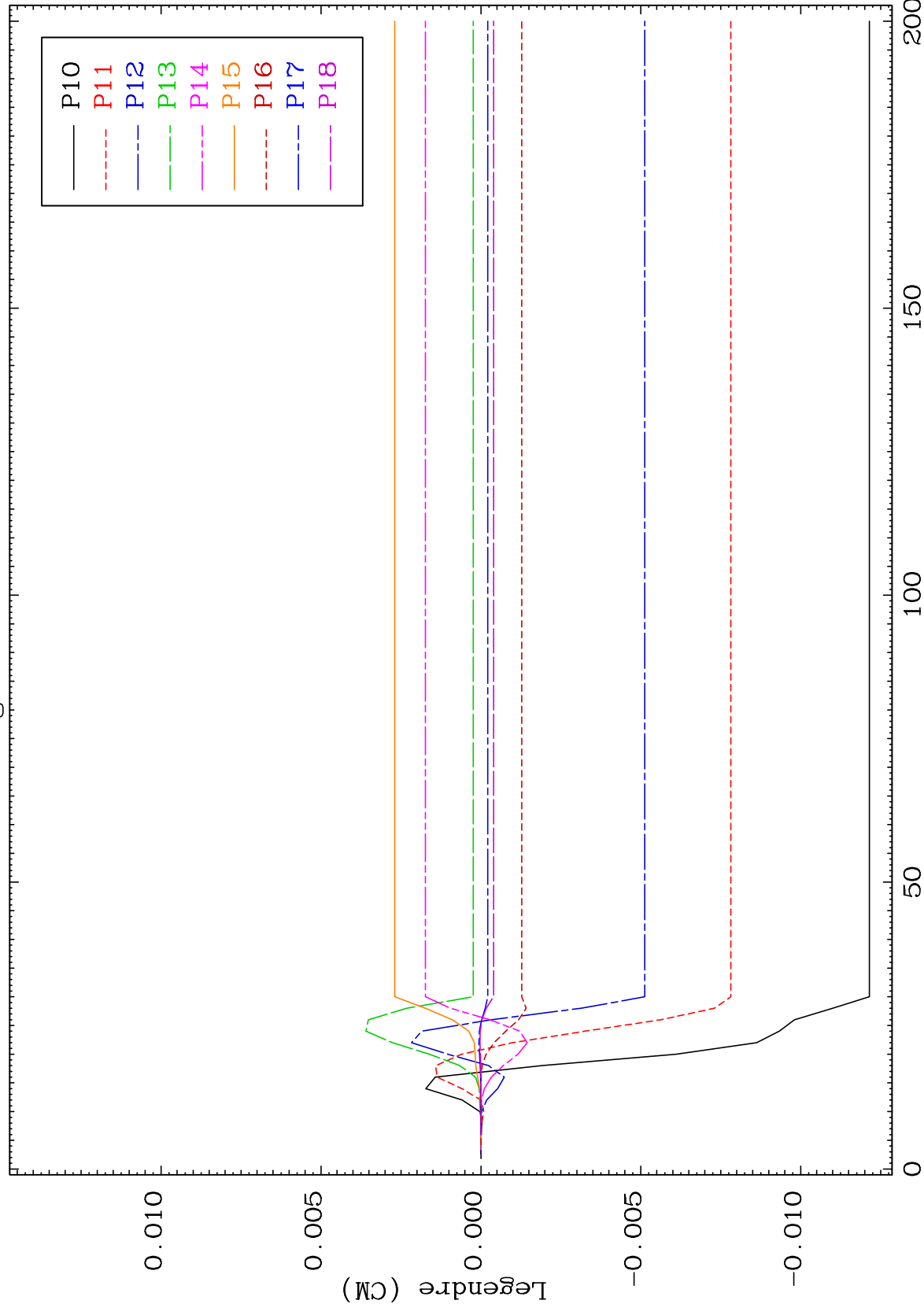




MAT 6304

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

63-Eu-144



84

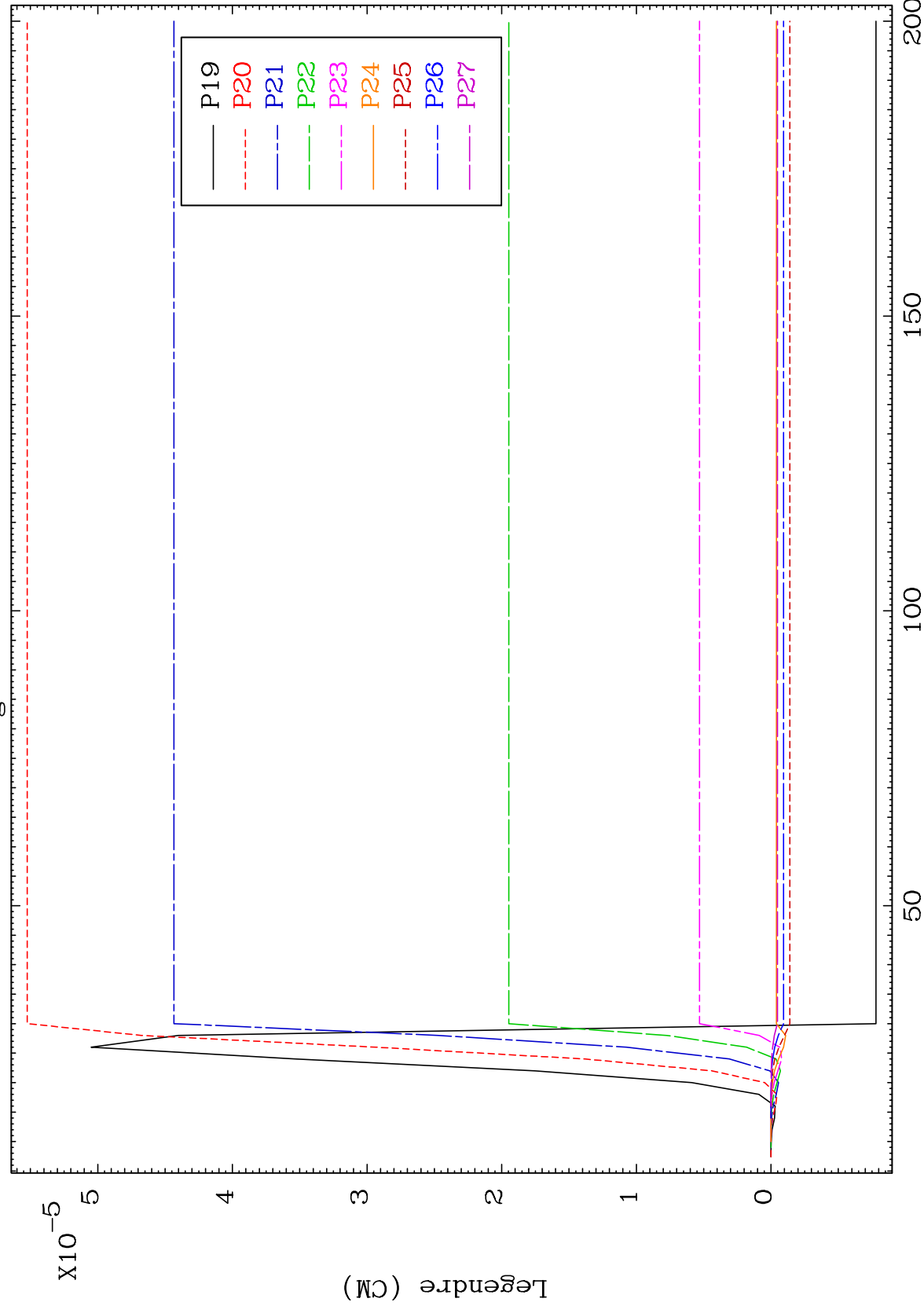
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

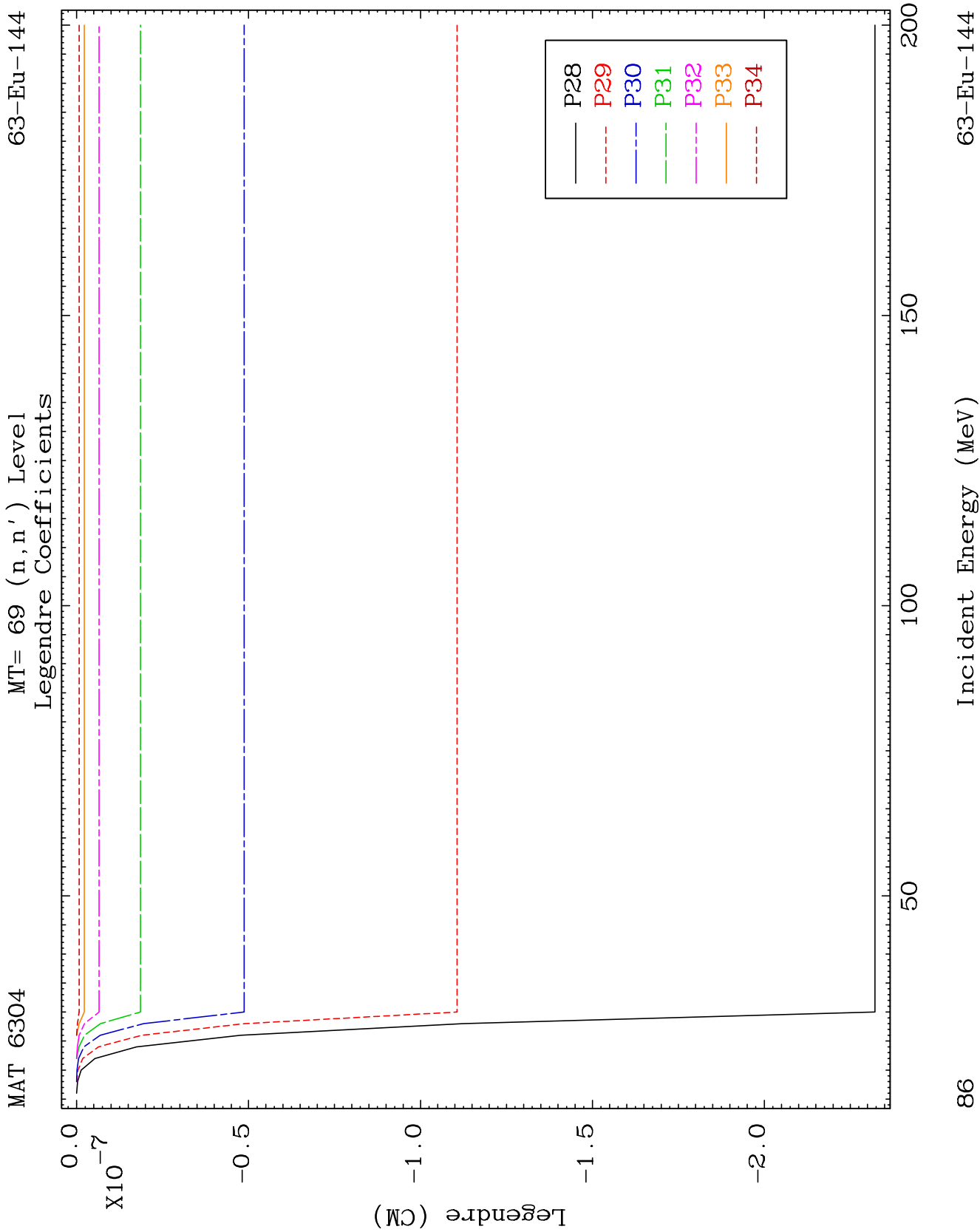
63-Eu-144

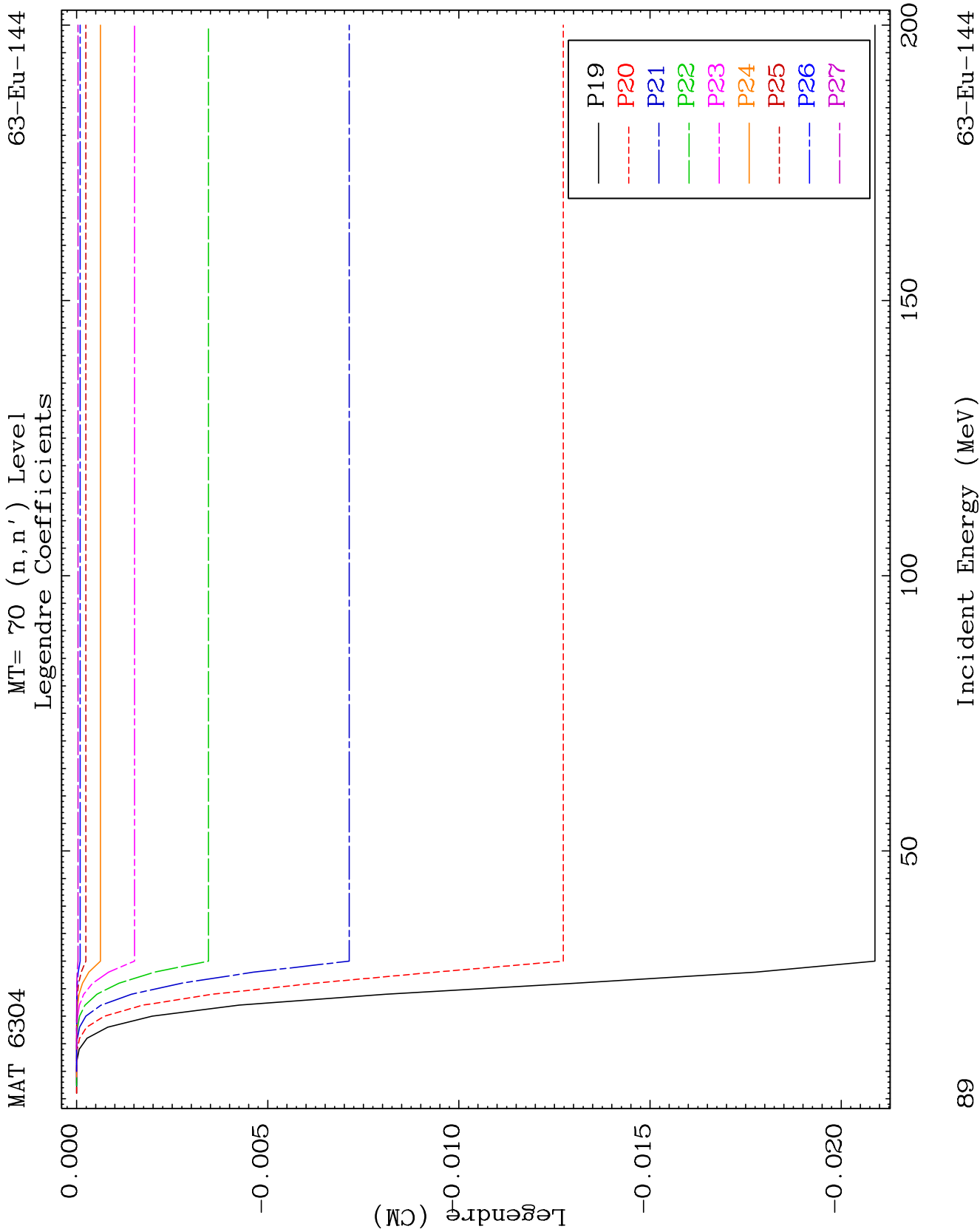


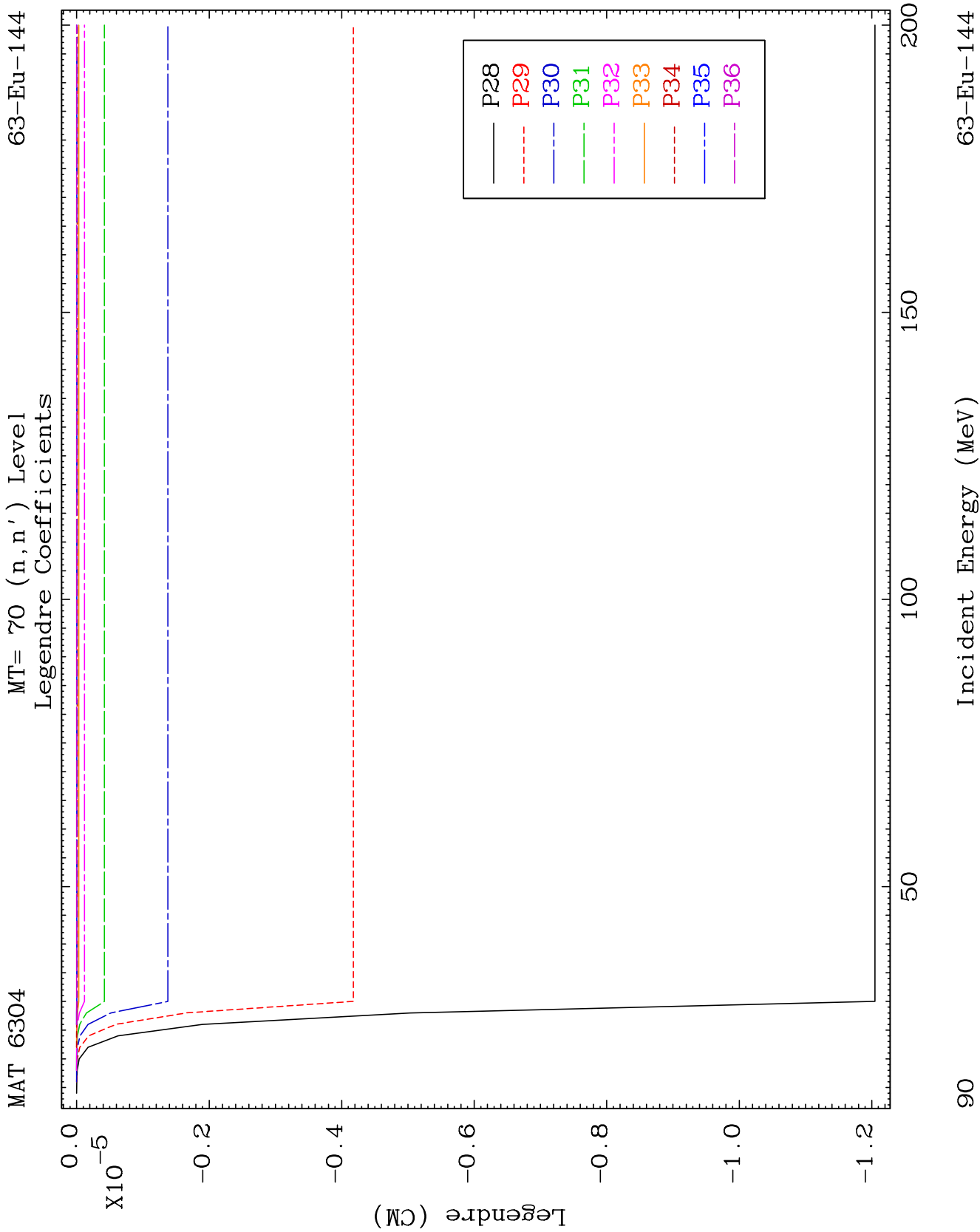
58

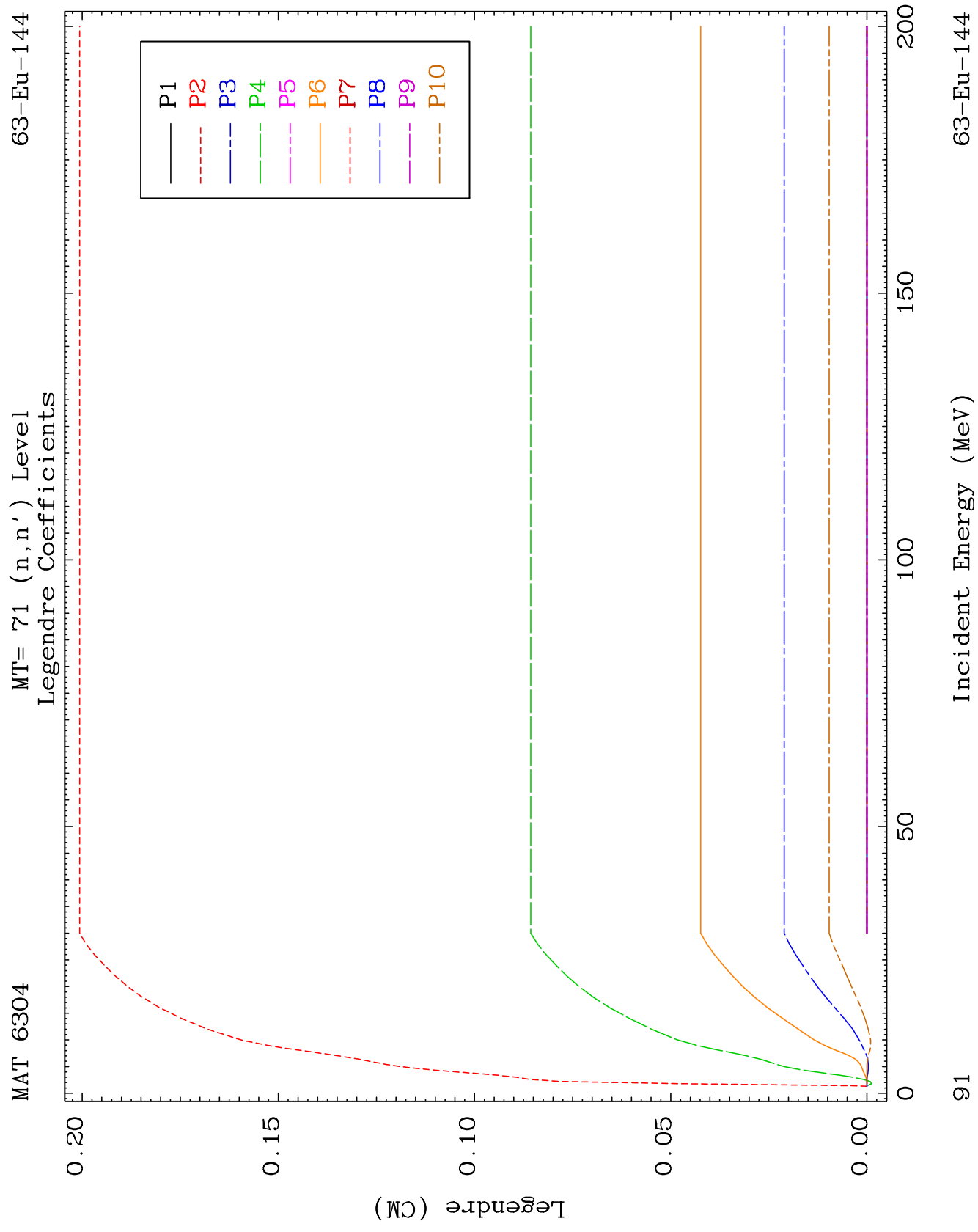
Incident Energy (MeV)

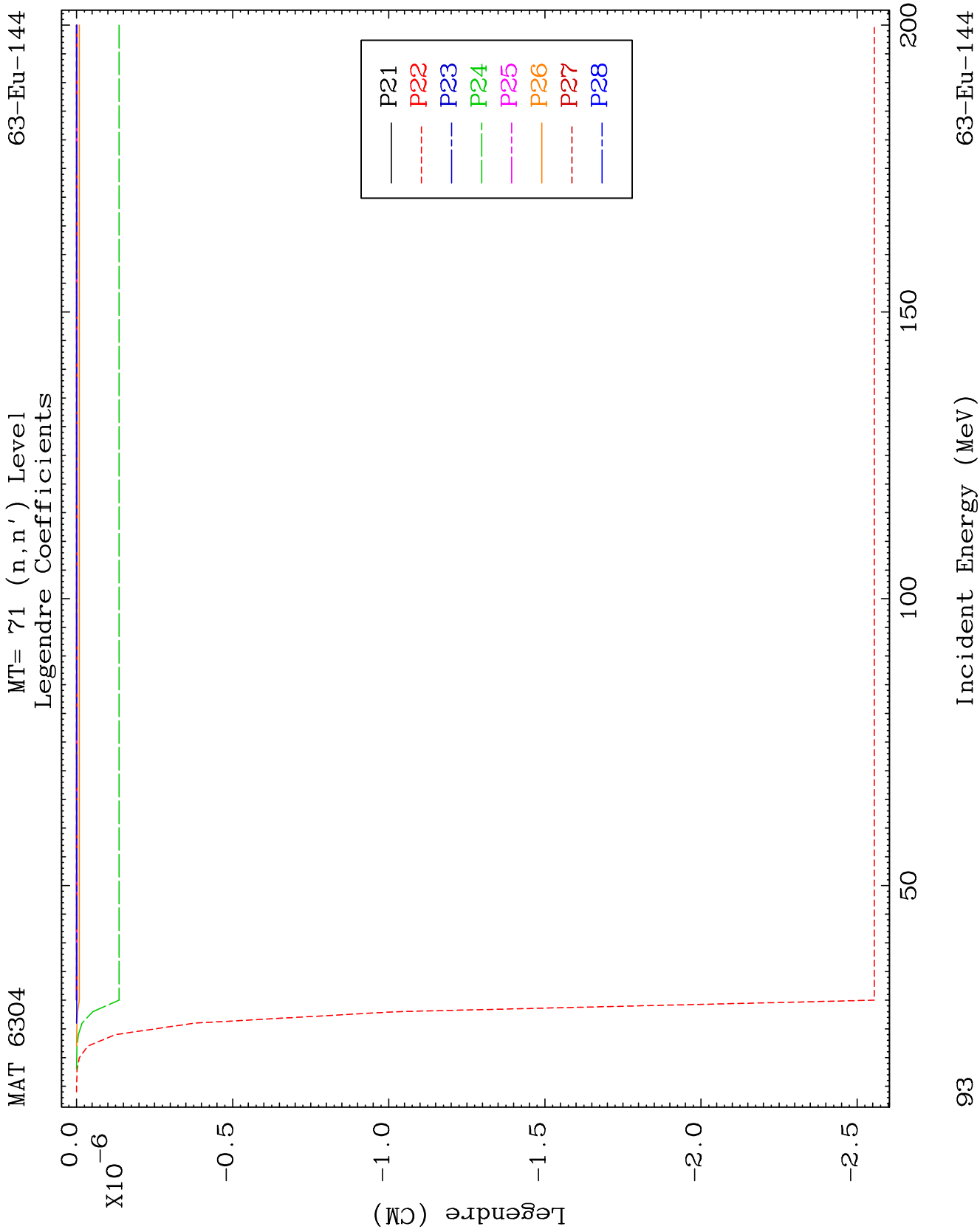
63-Eu-144

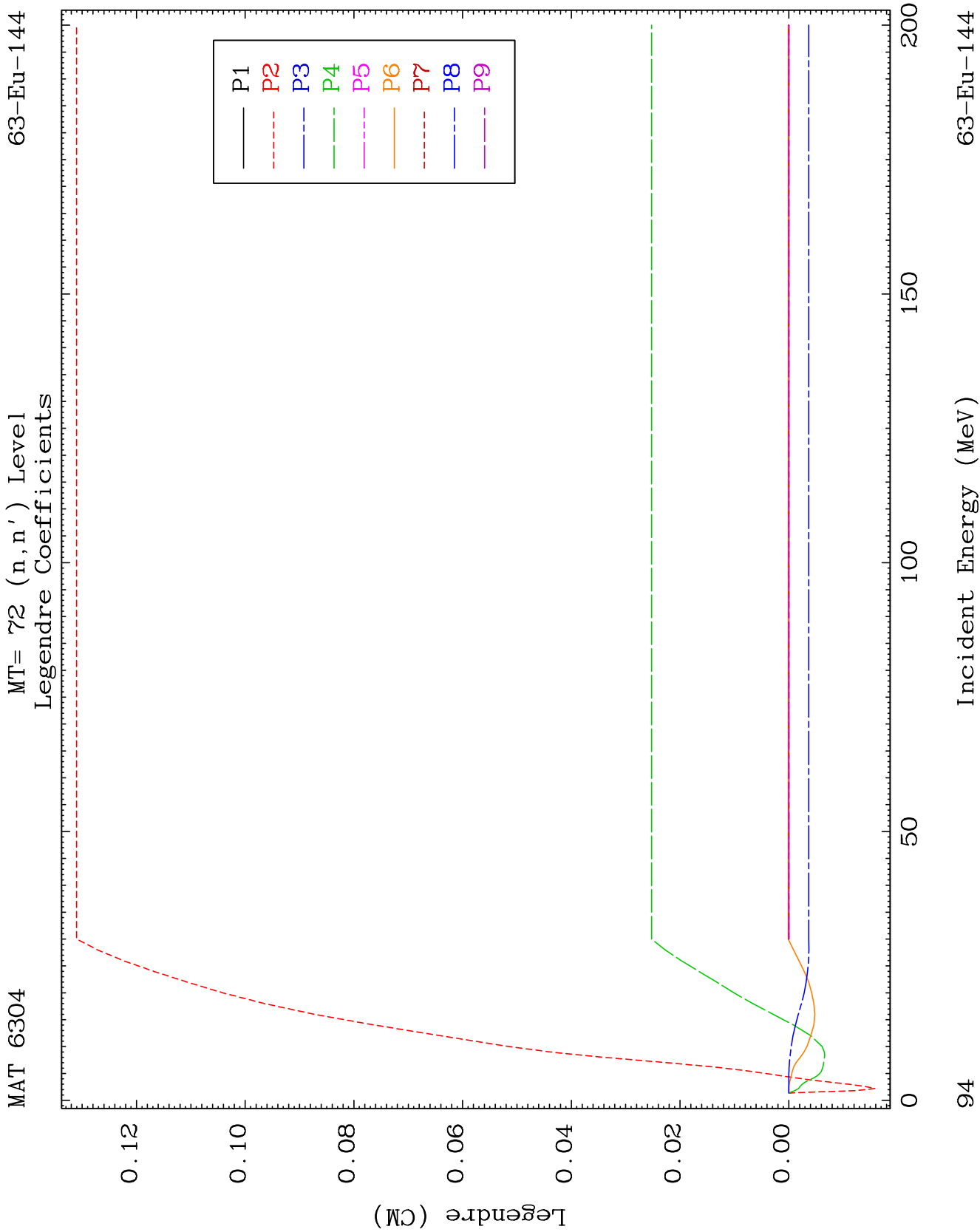


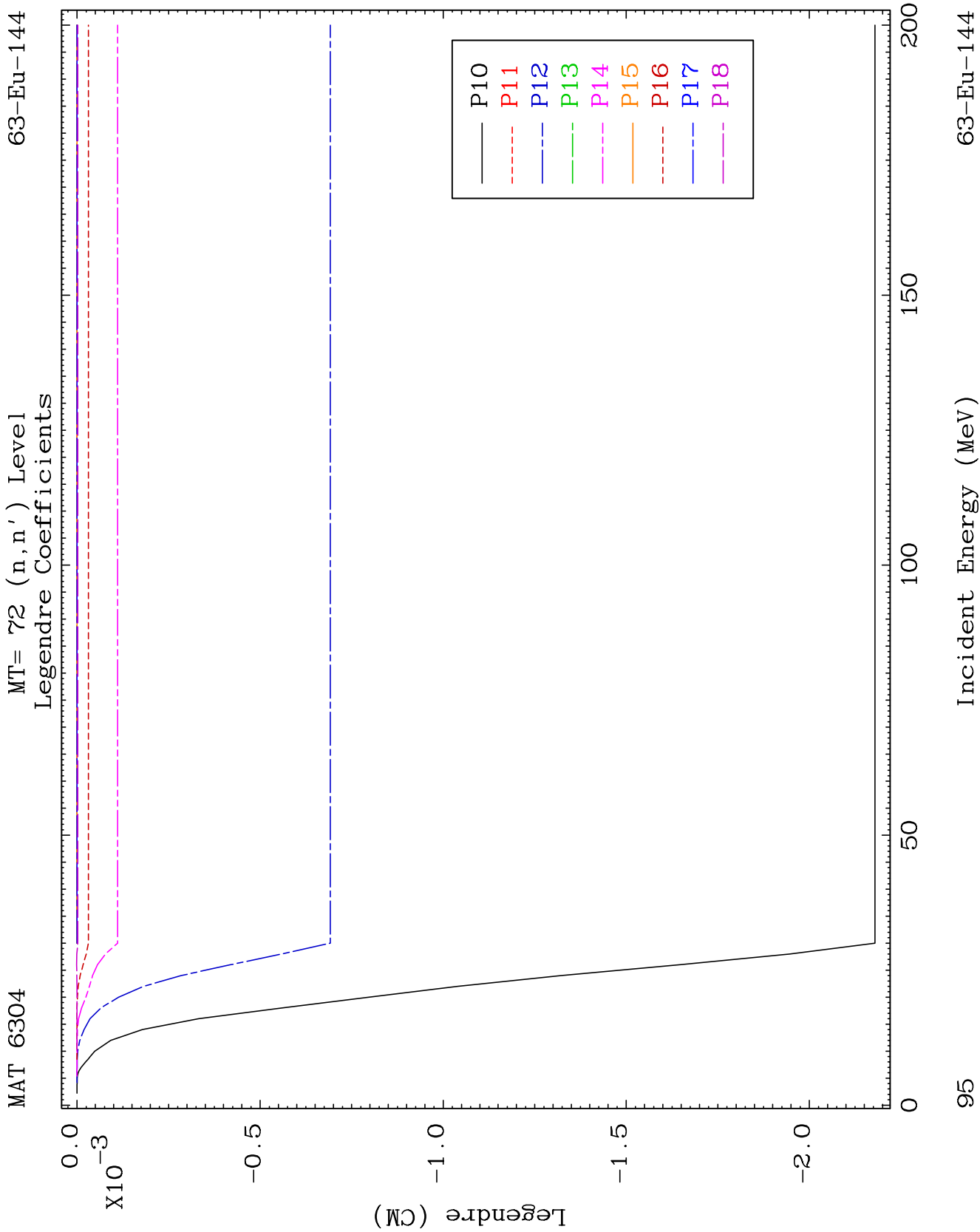


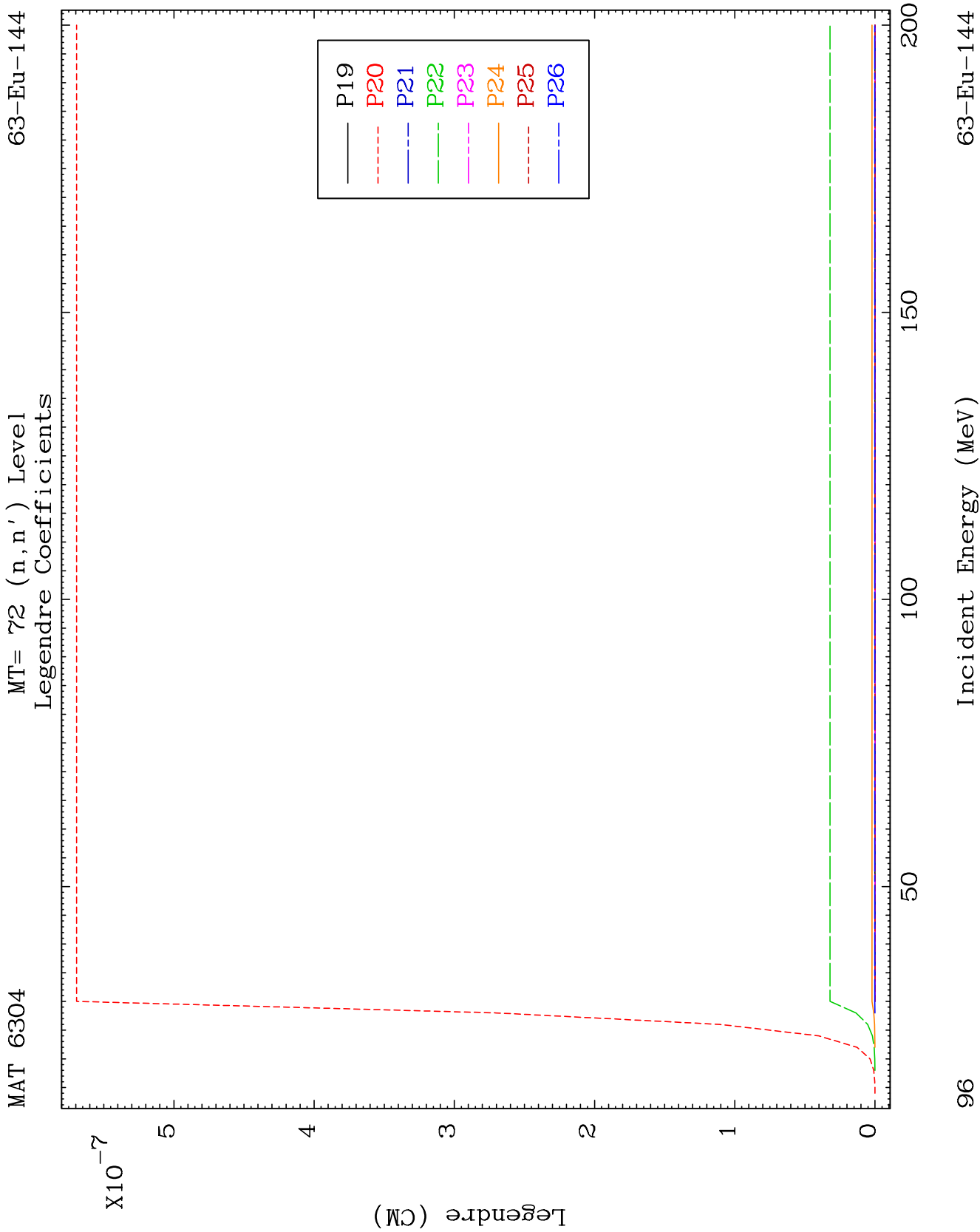








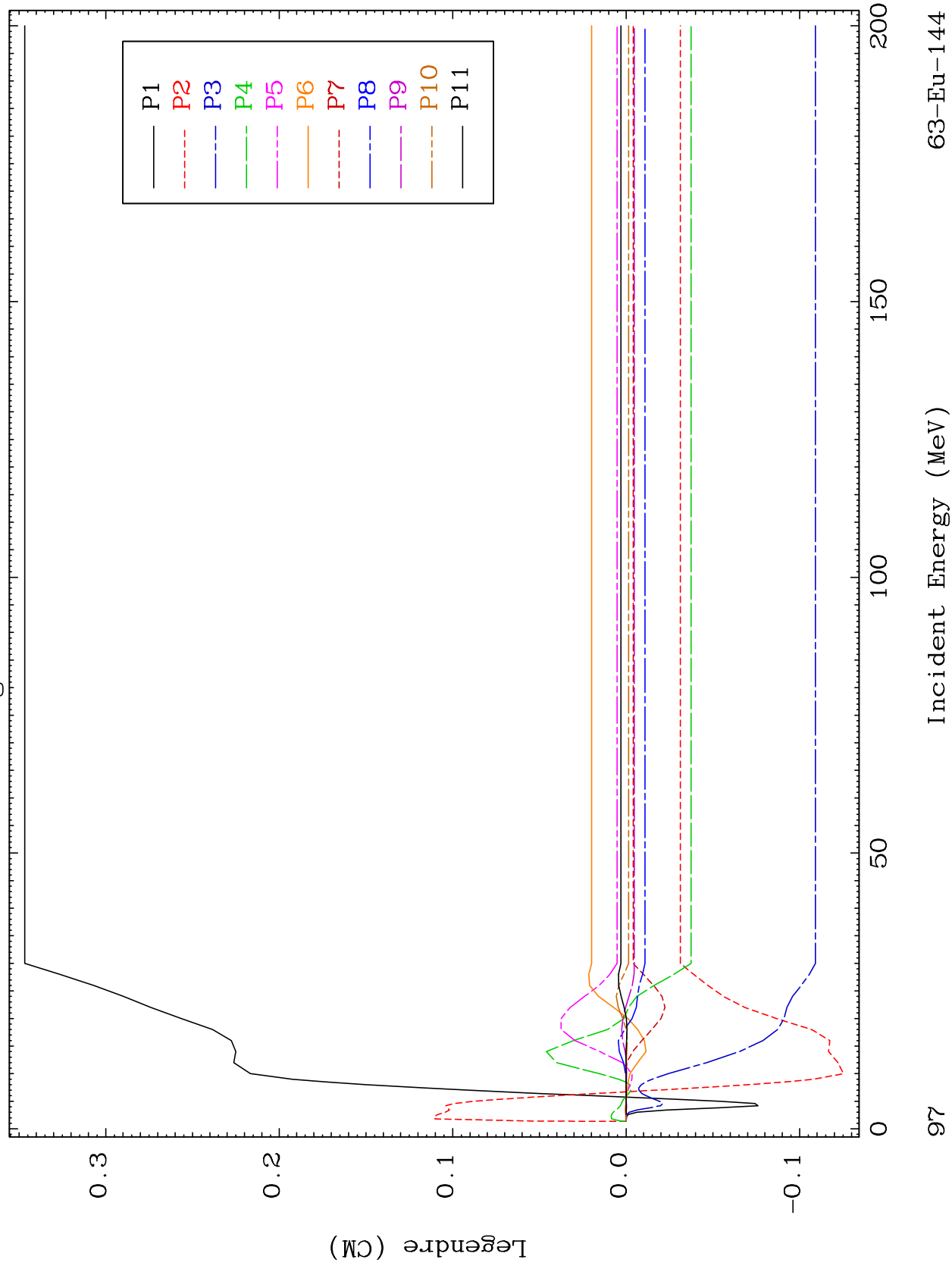


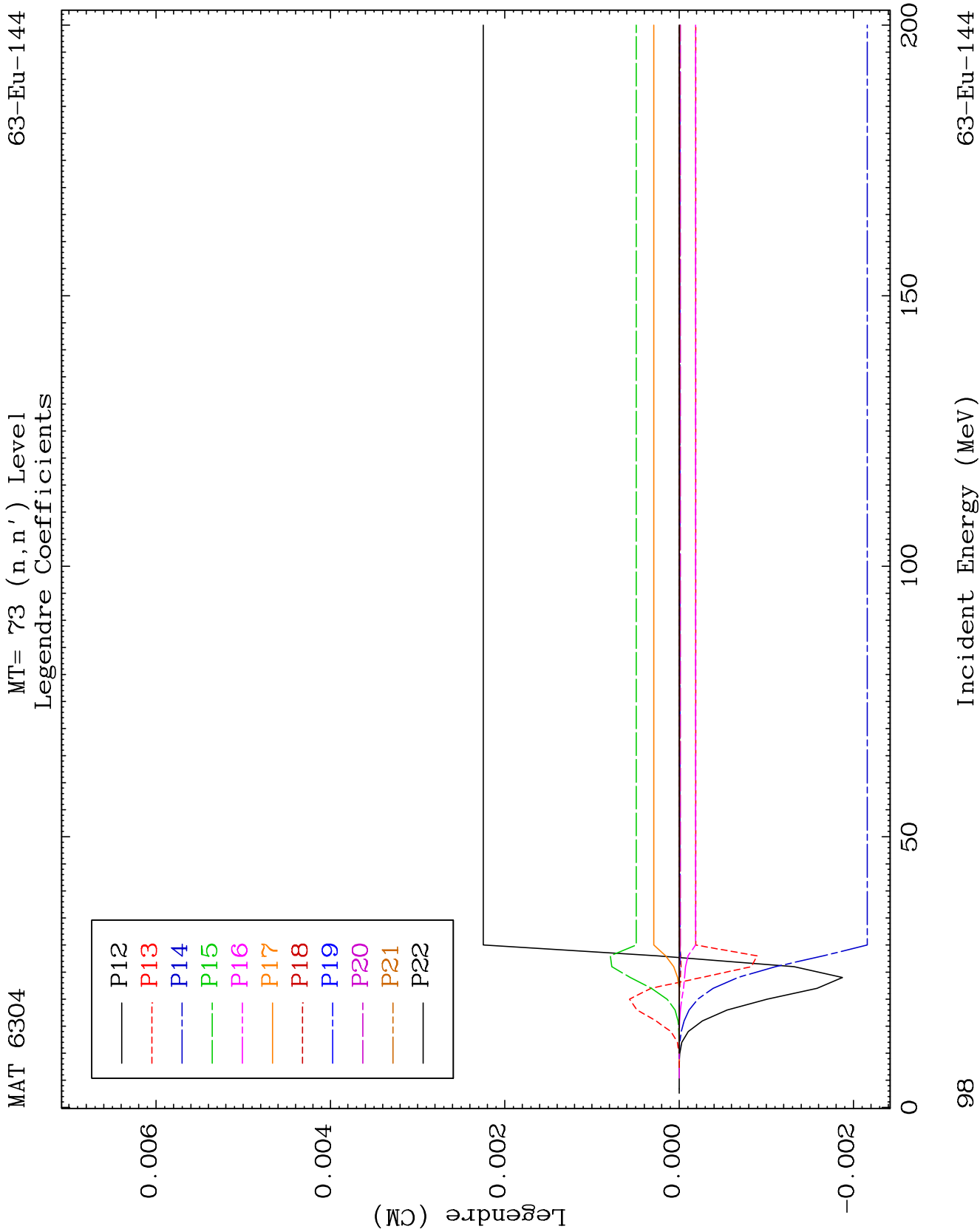


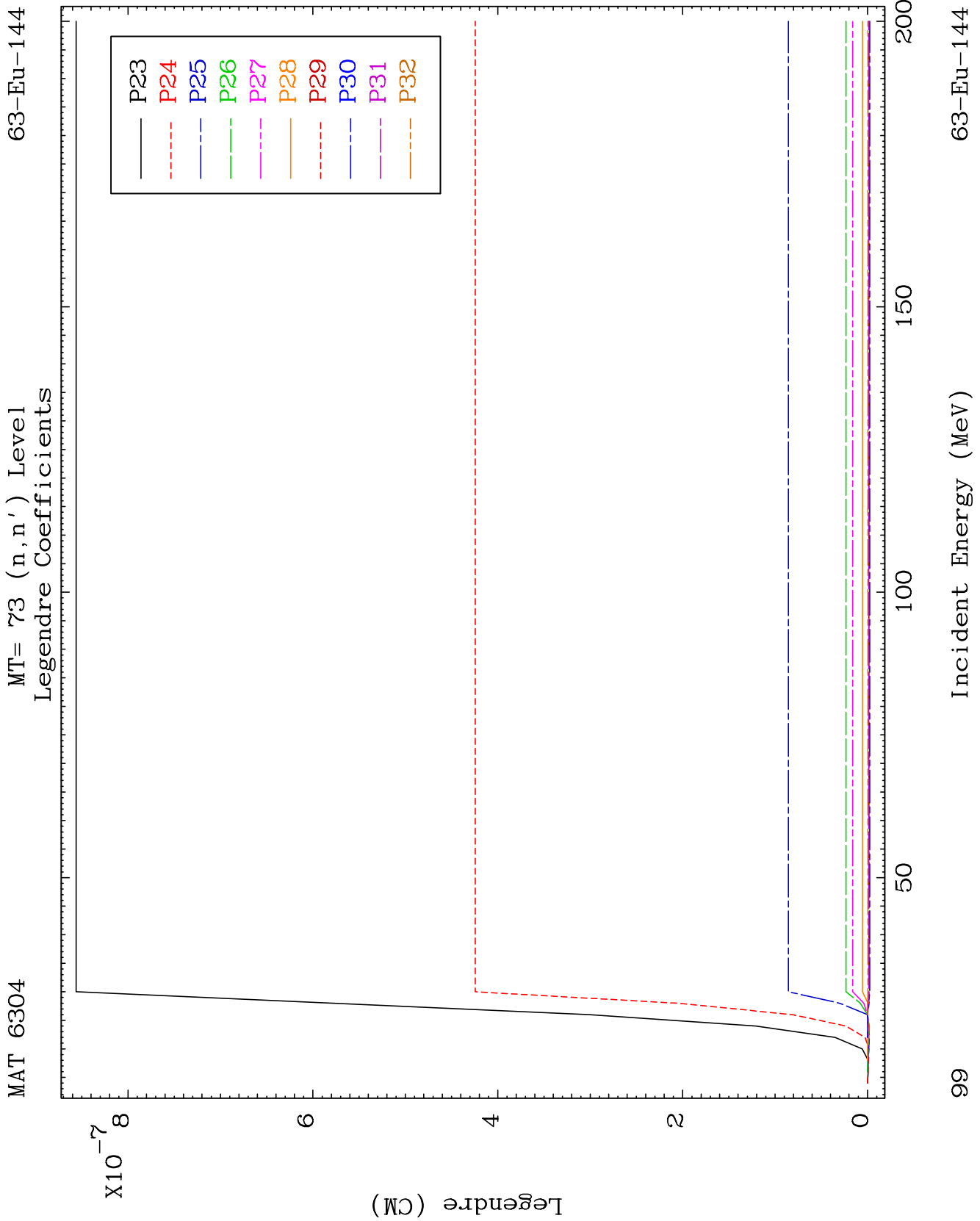
MAT 6304

MT= 73 (n, n') Level
Legendre Coefficients

63-Eu-144



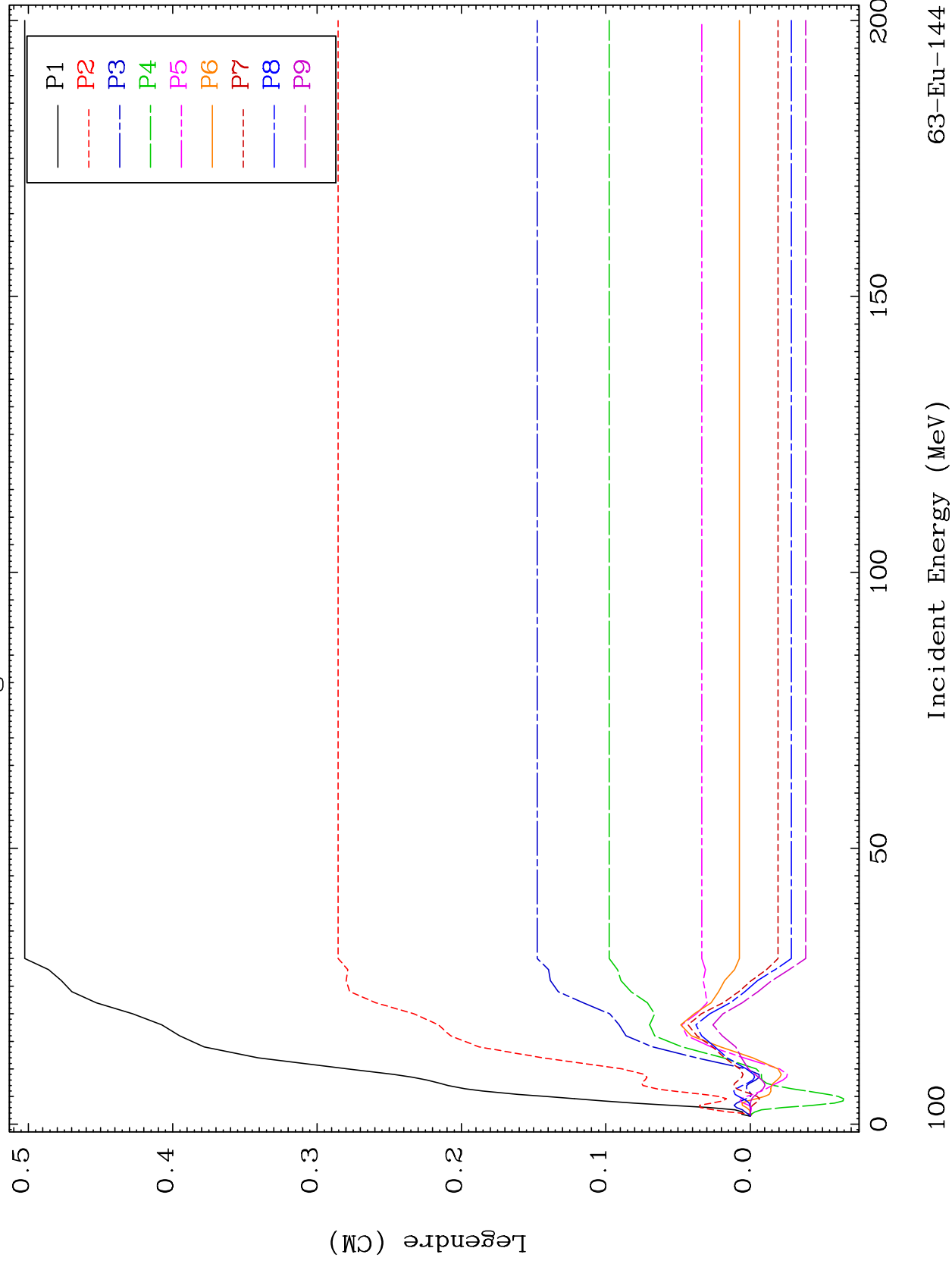


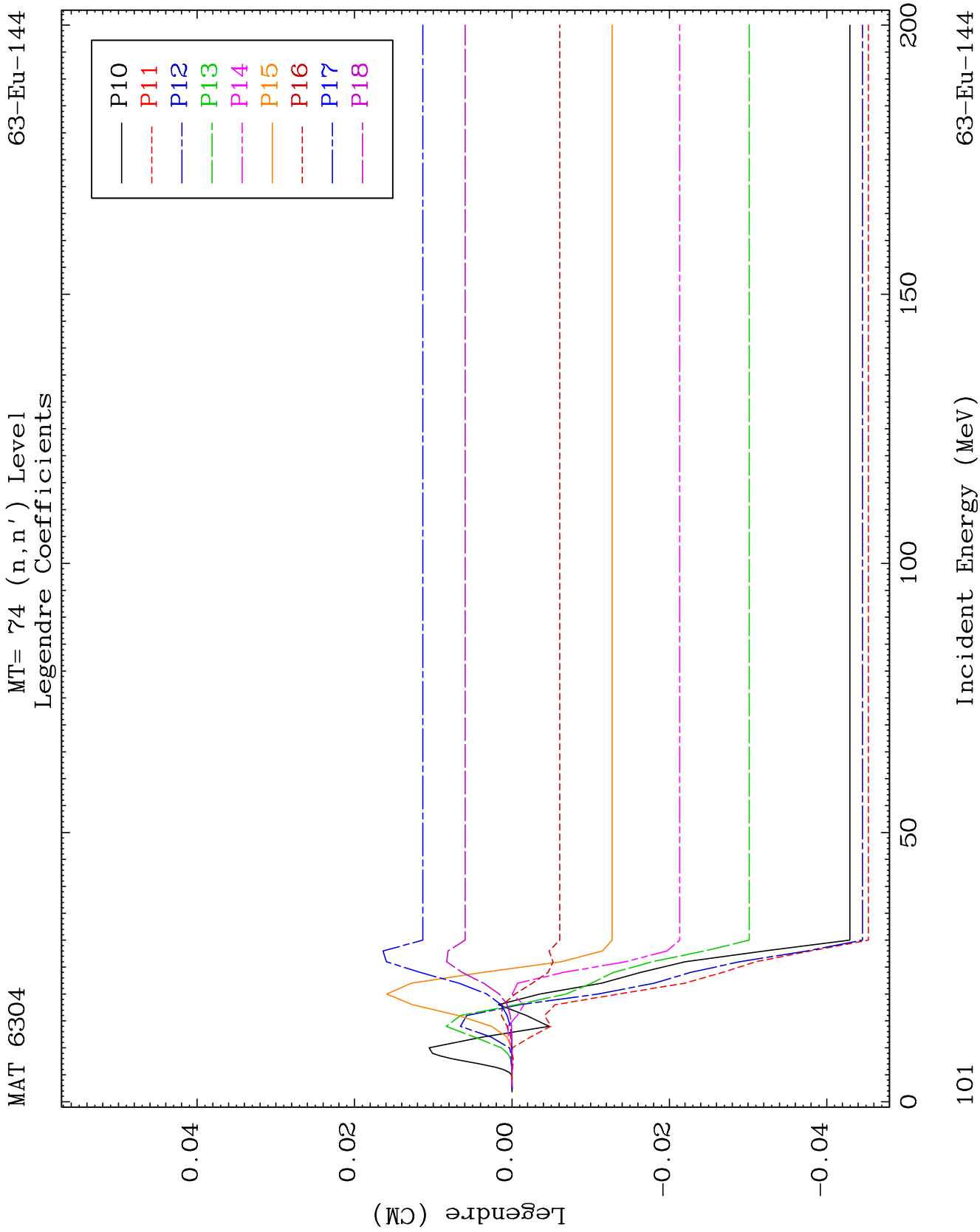


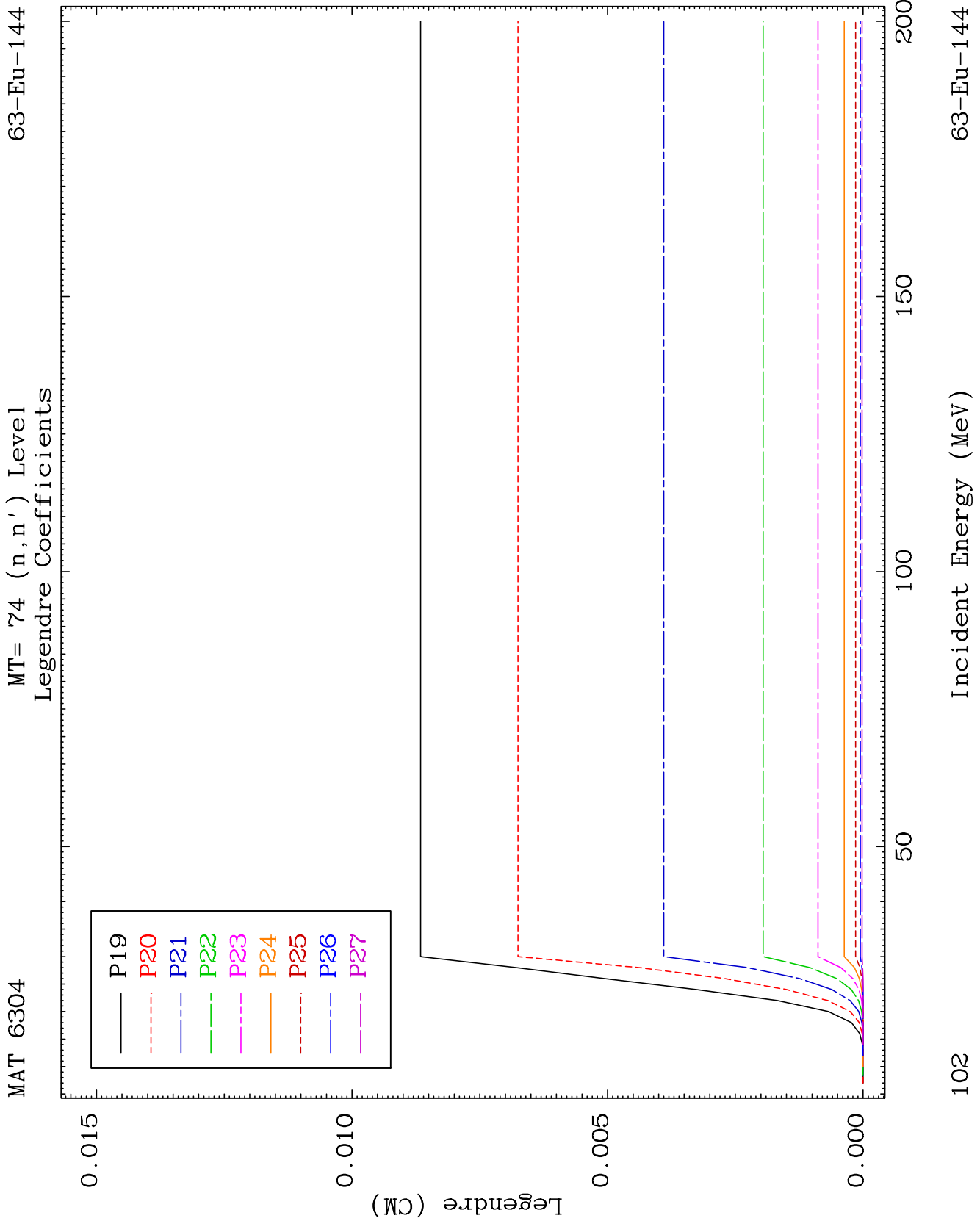
MAT 6304

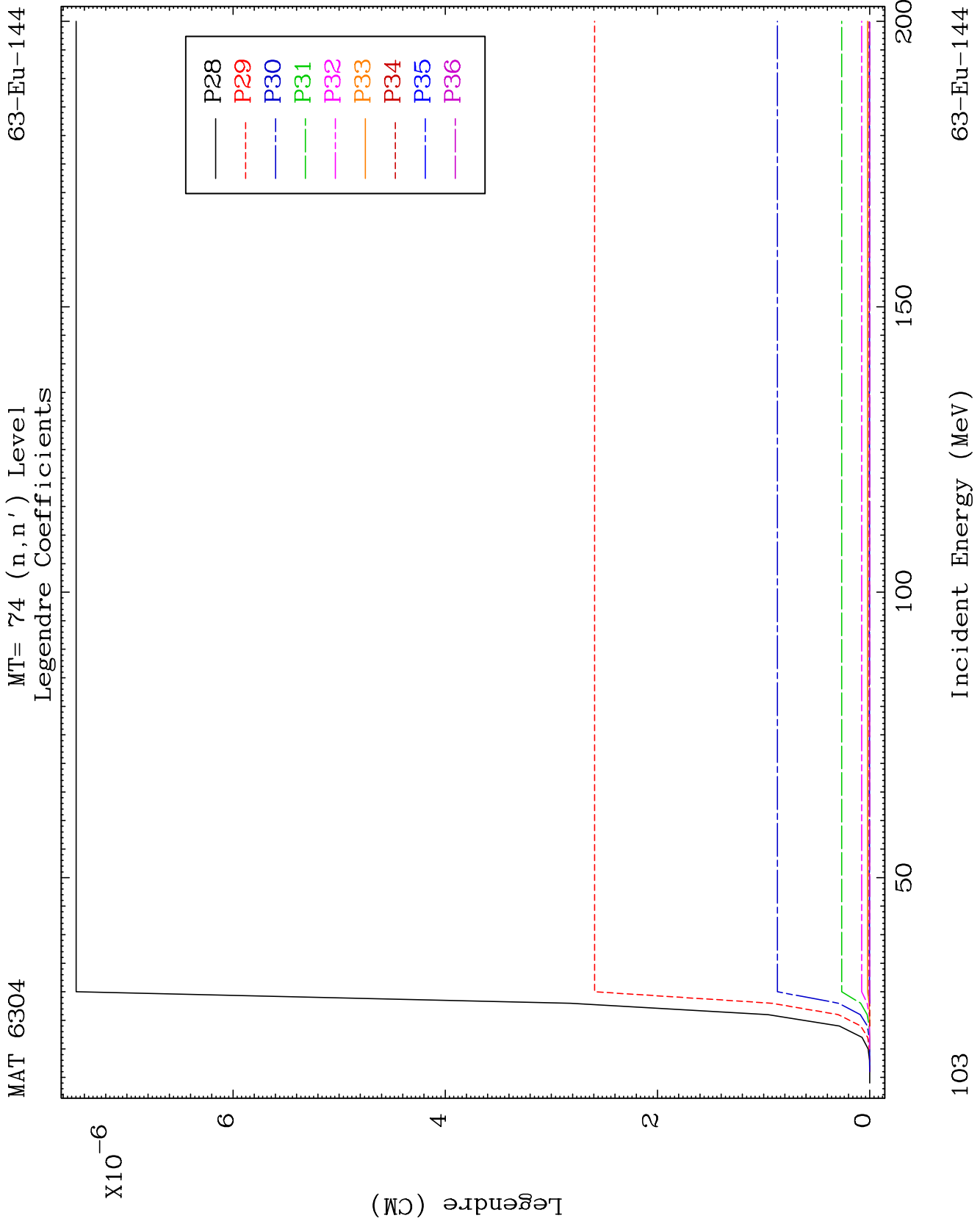
MT= 74 (n, n') Level
Legendre Coefficients

63-Eu-144





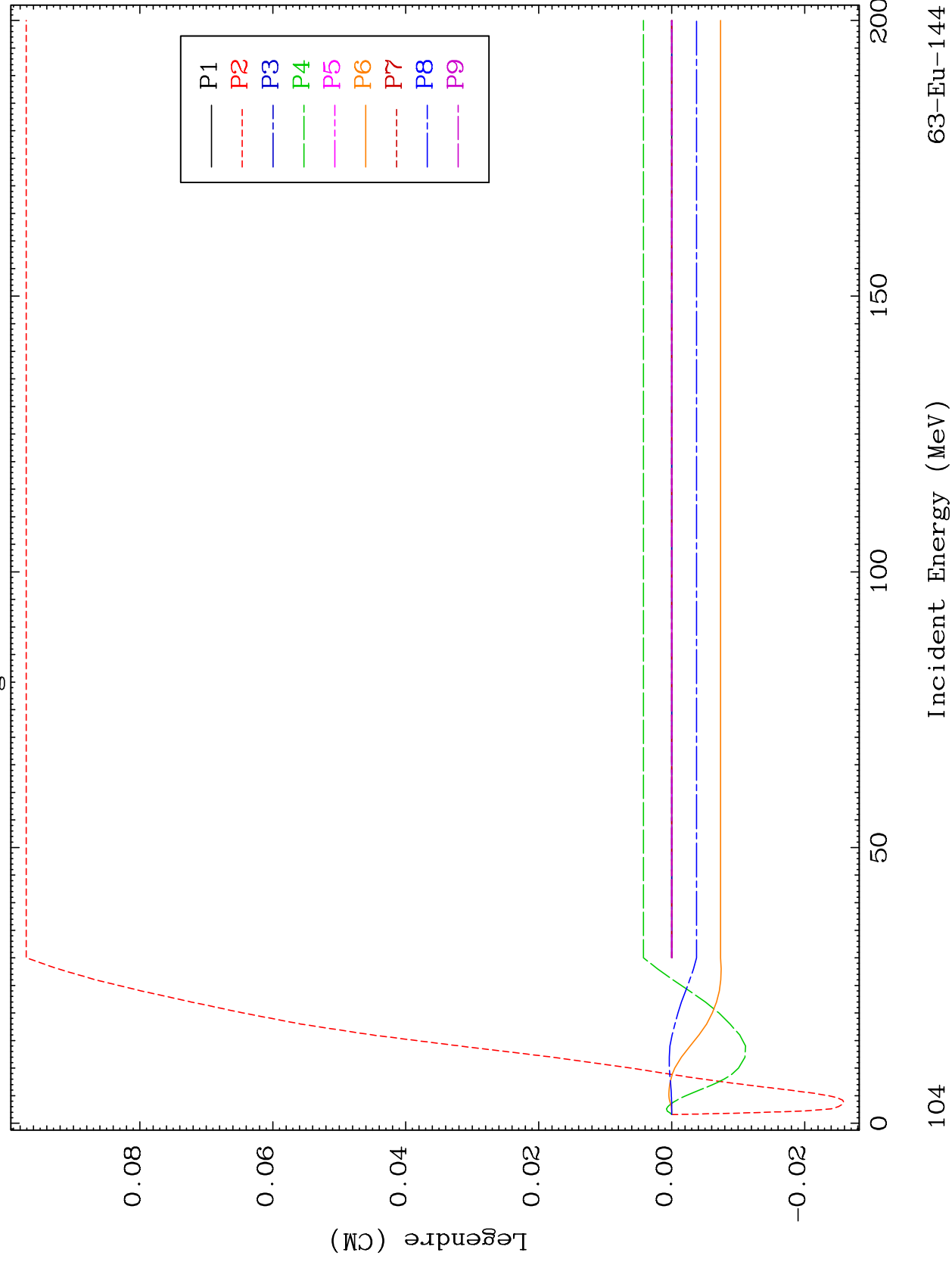


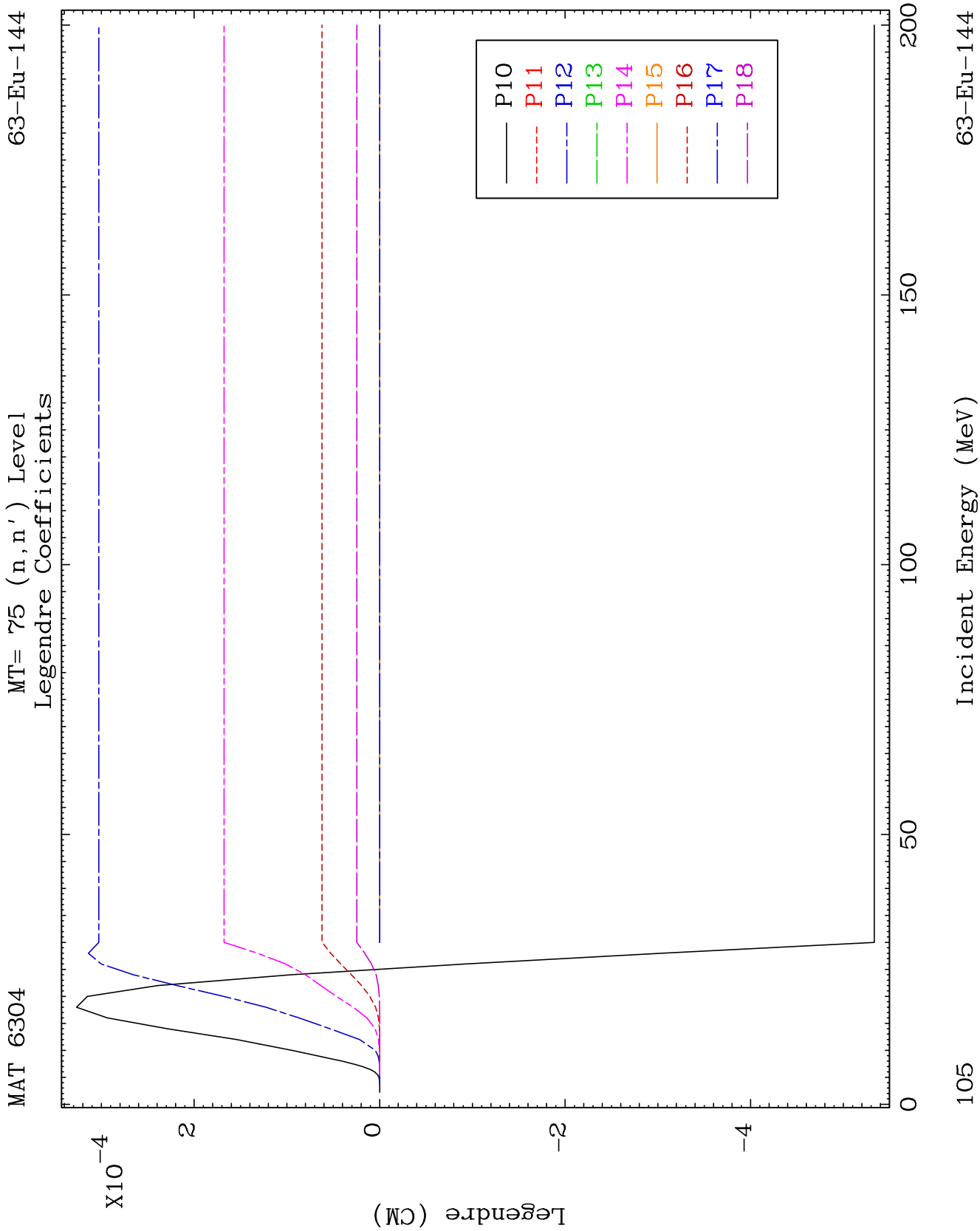


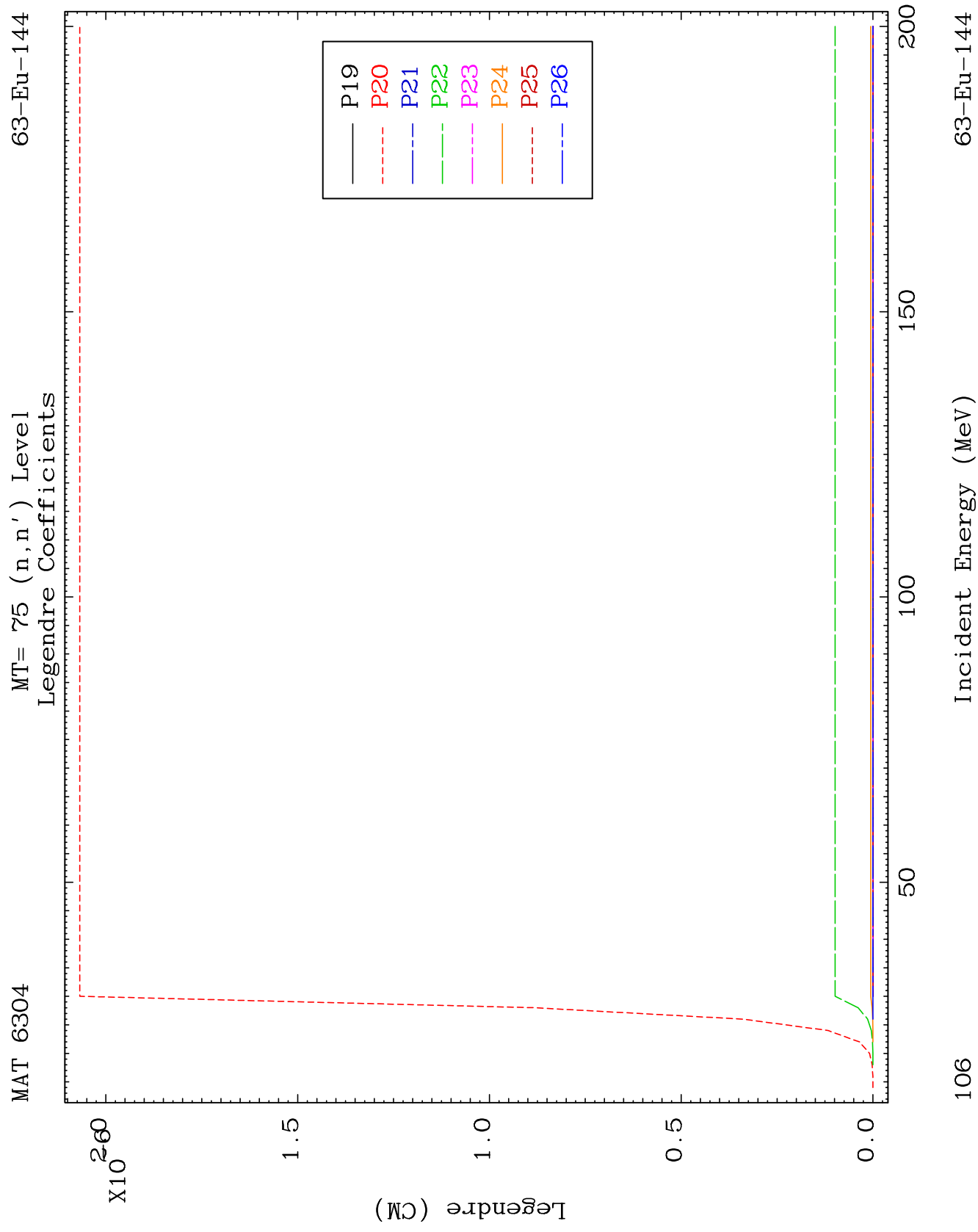
MAT 6304

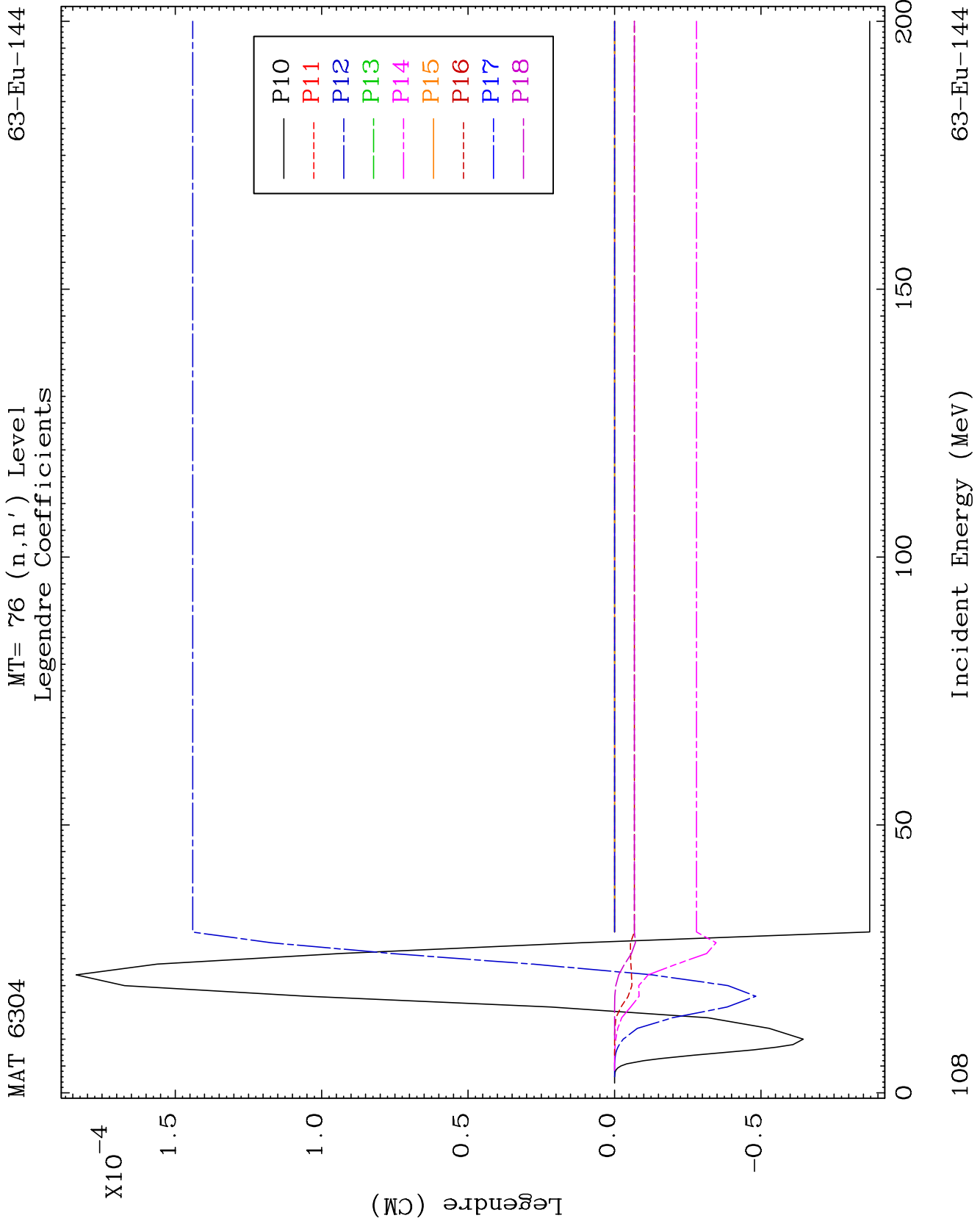
MT= 75 (n, n') Level
Legendre Coefficients

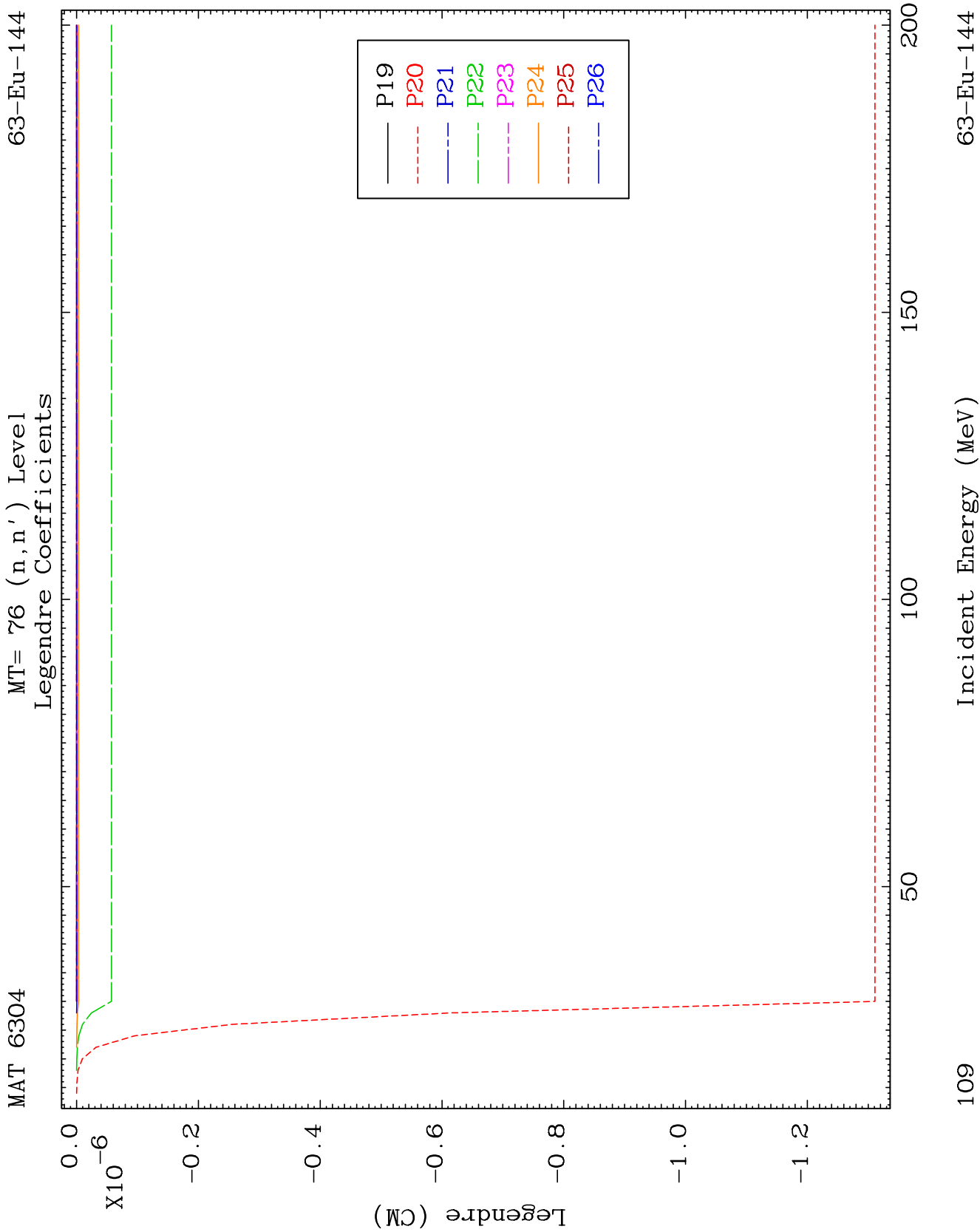
63-Eu-144







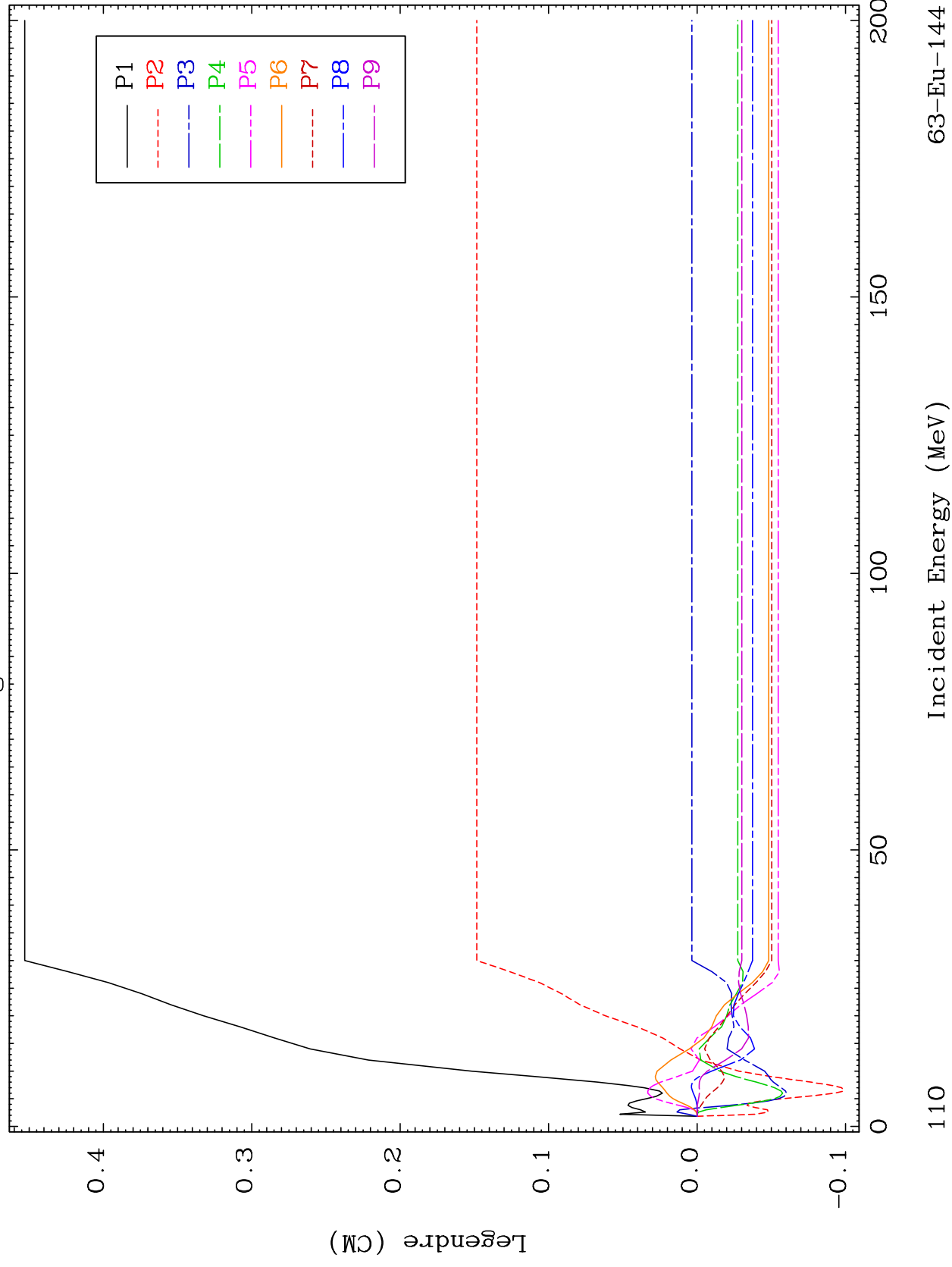




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MT= 77 (n, n') Level
Legendre Coefficients

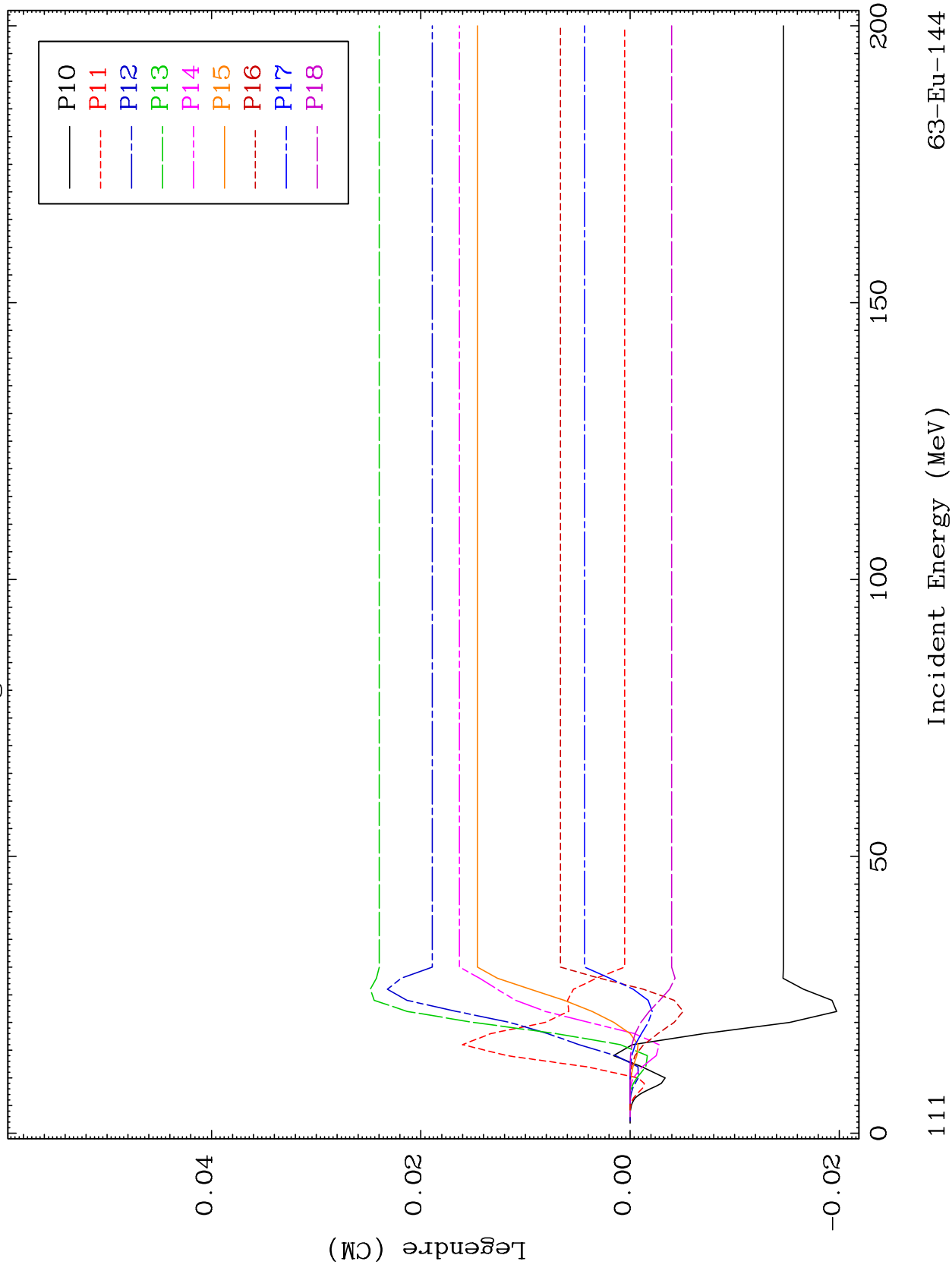
63-Eu-144

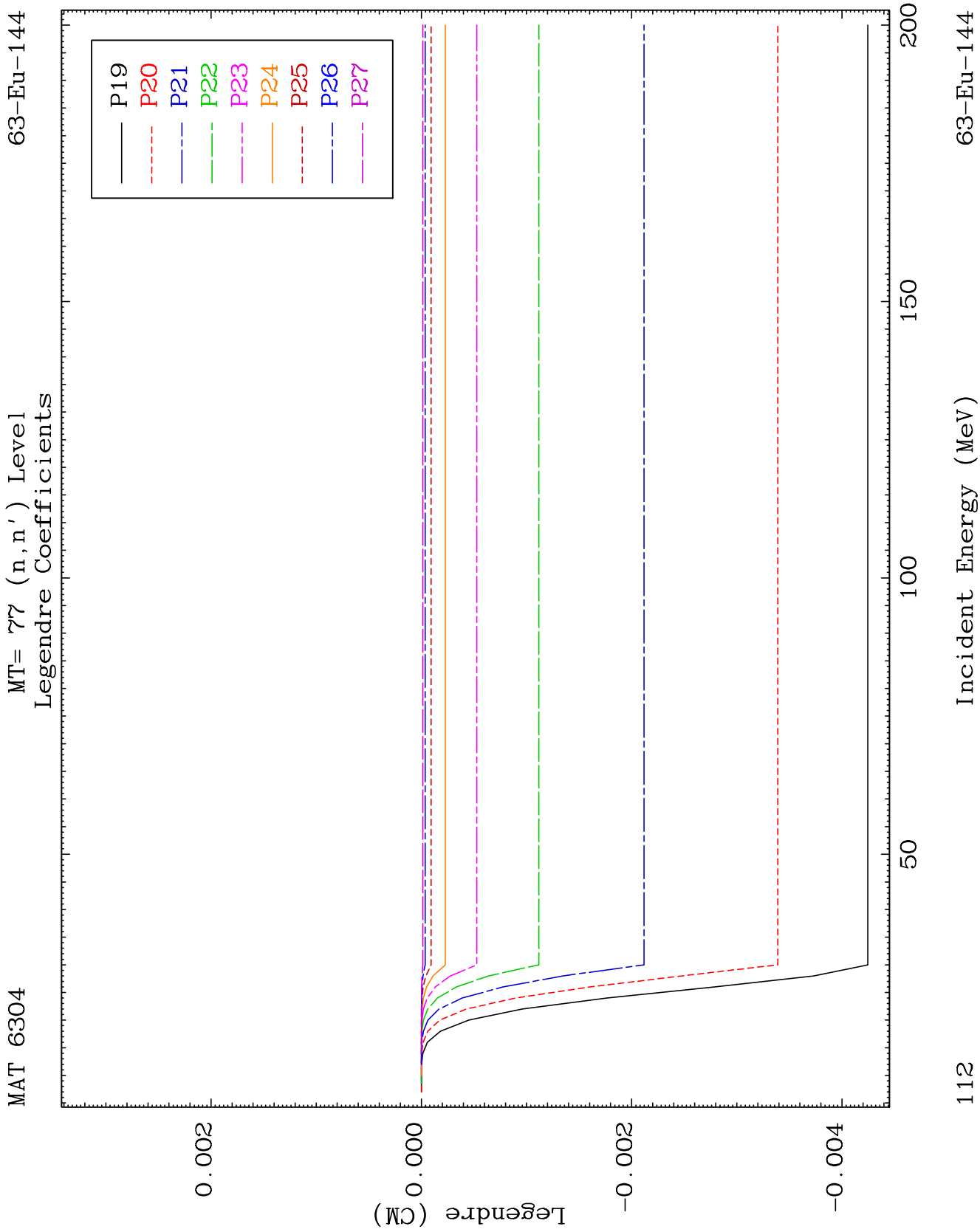


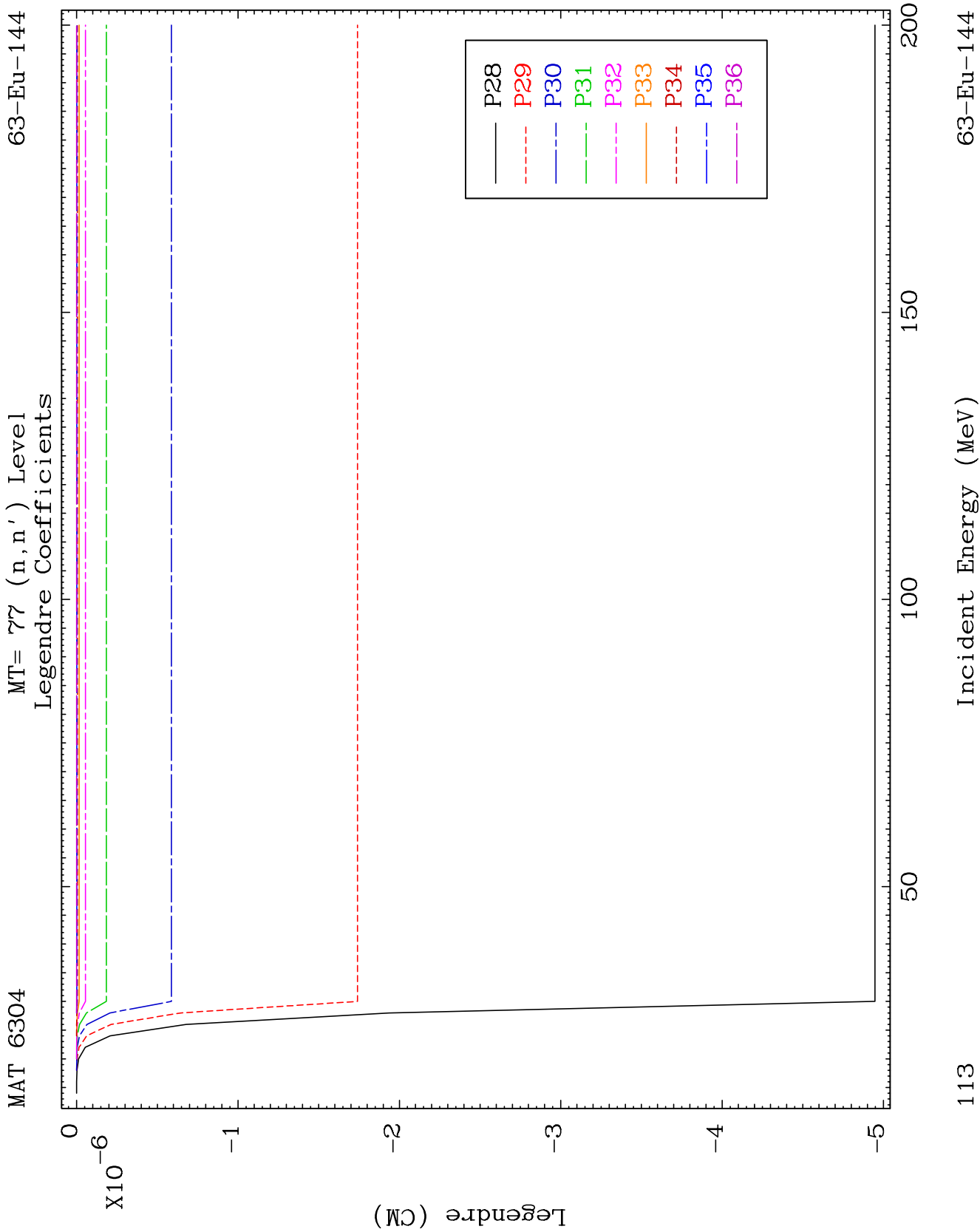
MAT 6304

MT= 77 (n, n') Level
Legendre Coefficients

63-Eu-144



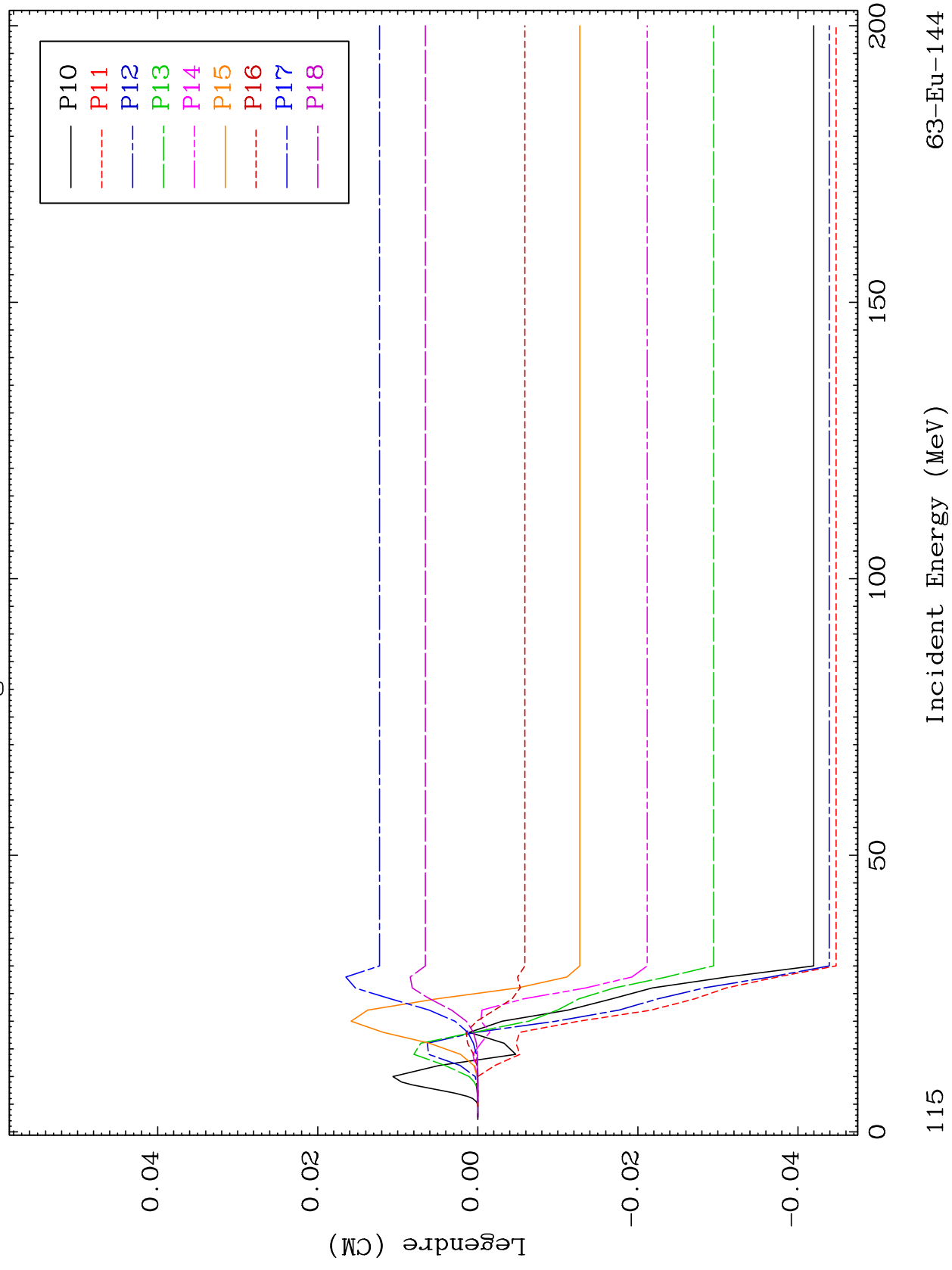


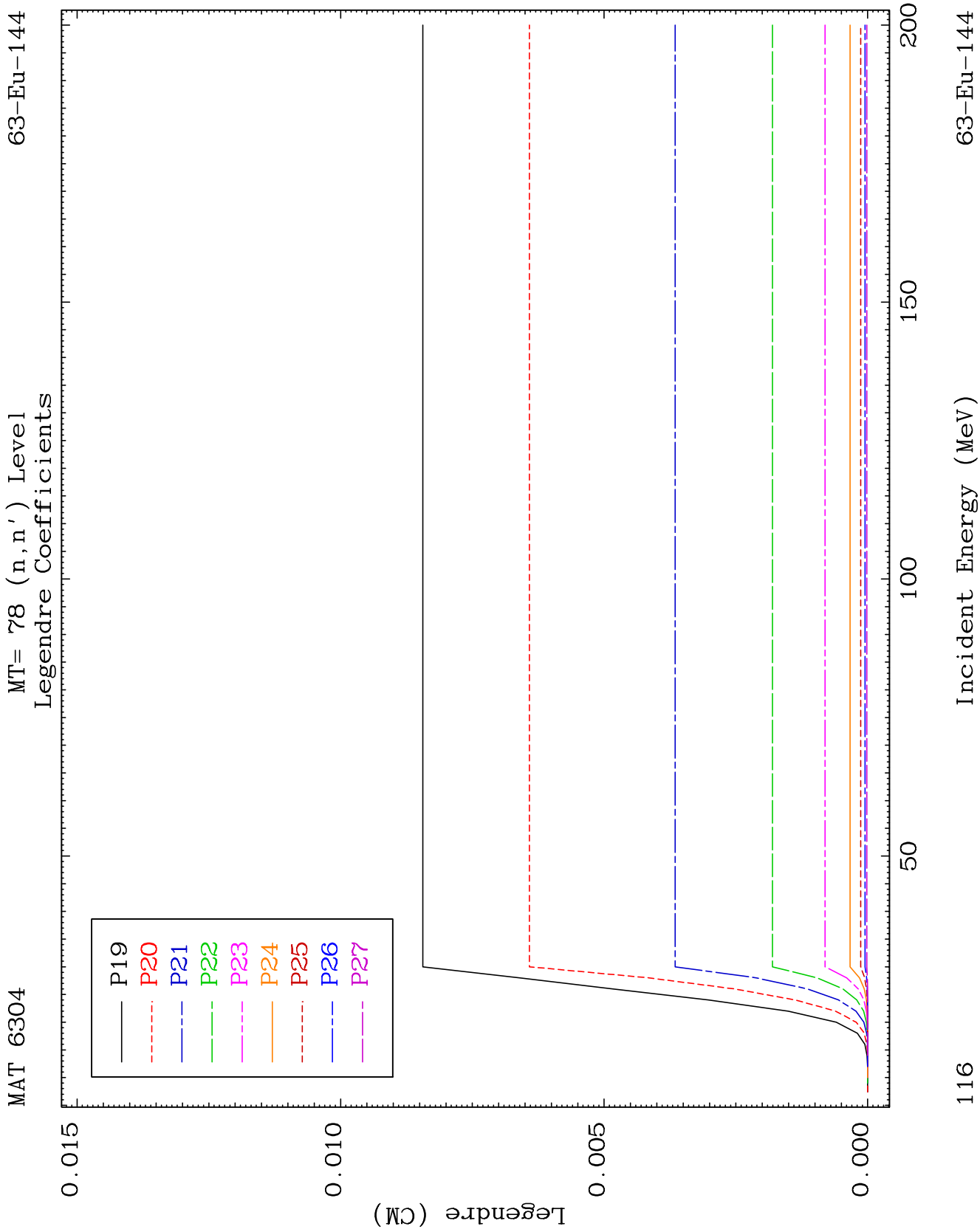


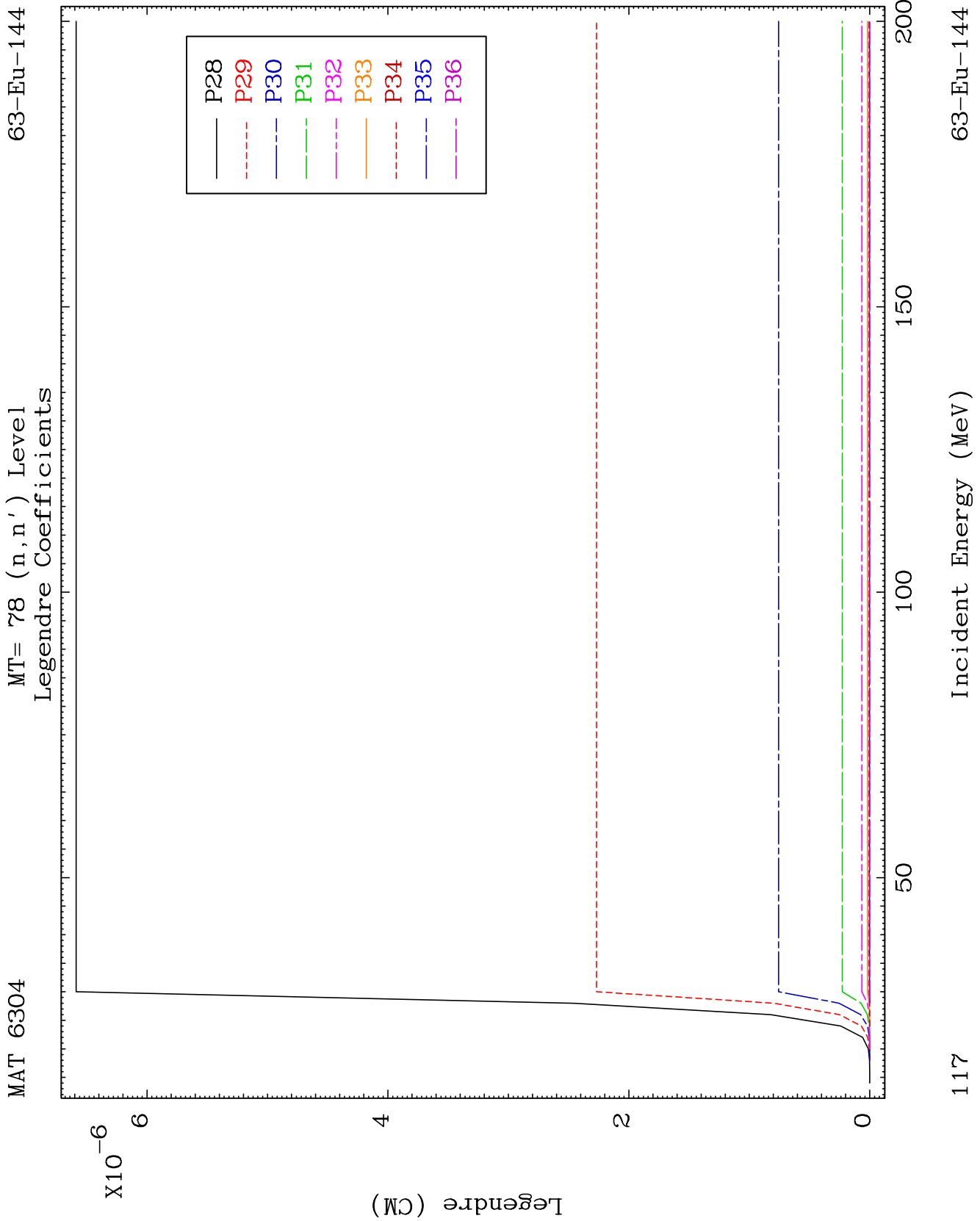
MAT 6304

MT= 78 (n, n') Level
Legendre Coefficients

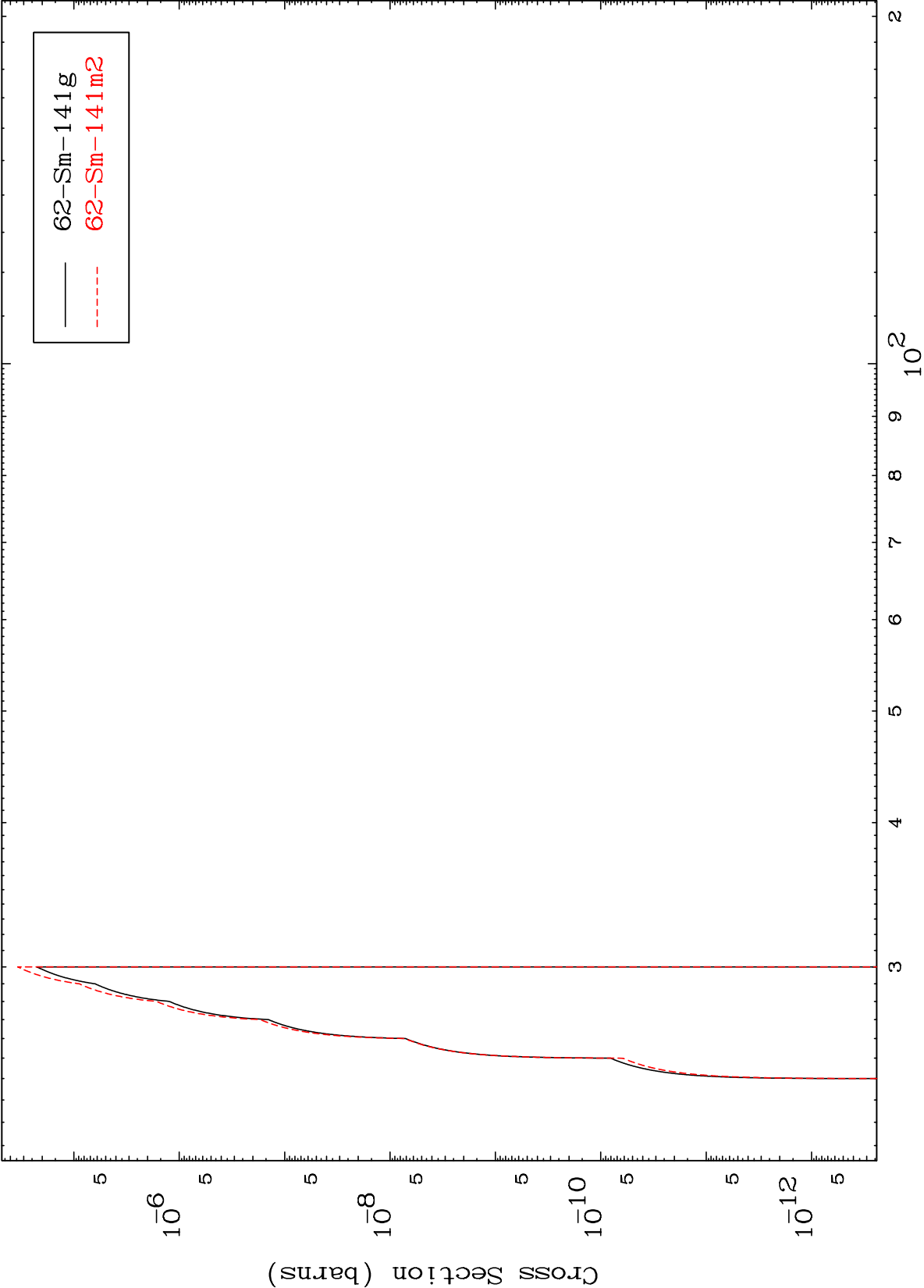
63-Eu-144

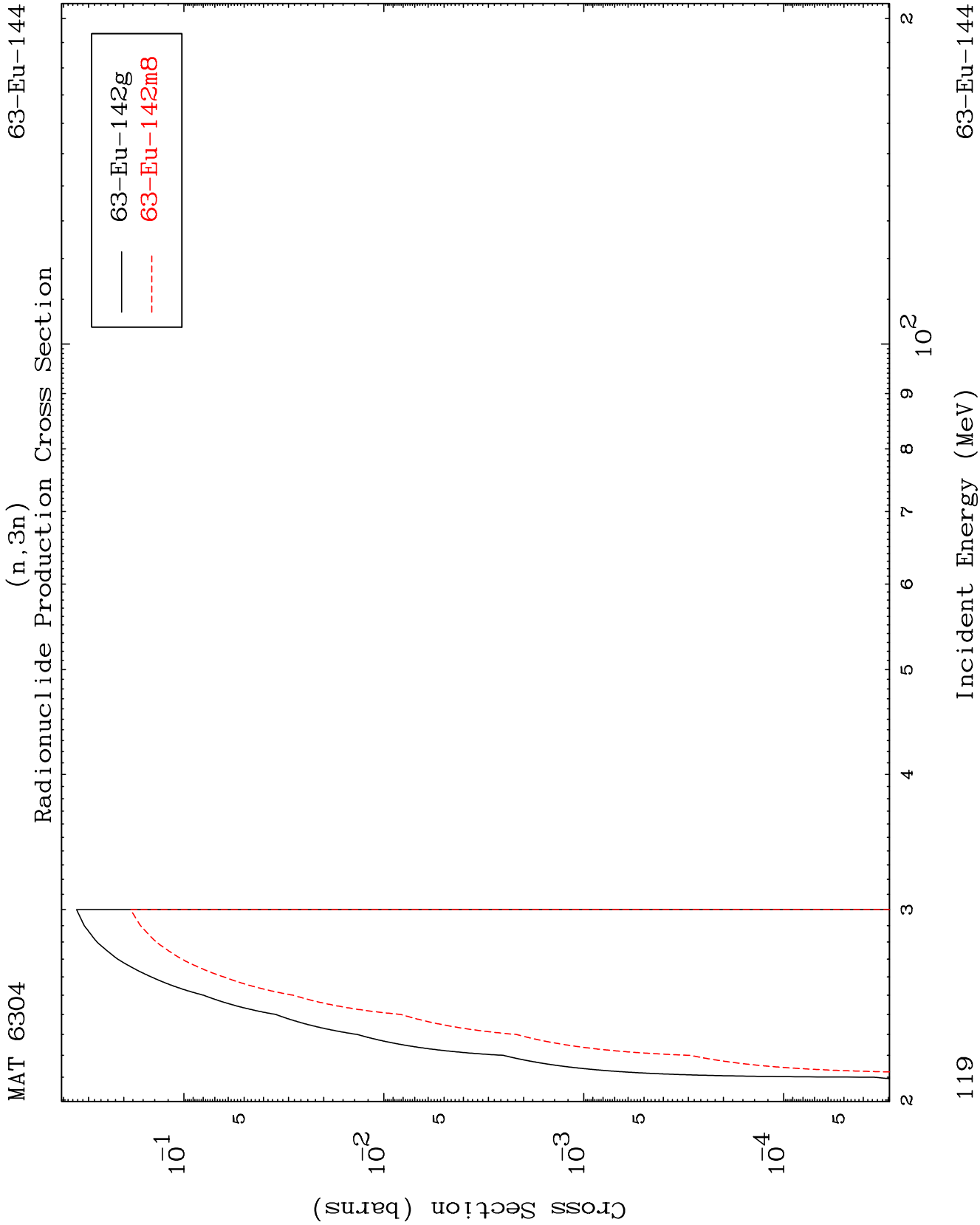






(n,2n) d
Radionuclide Production Cross Section



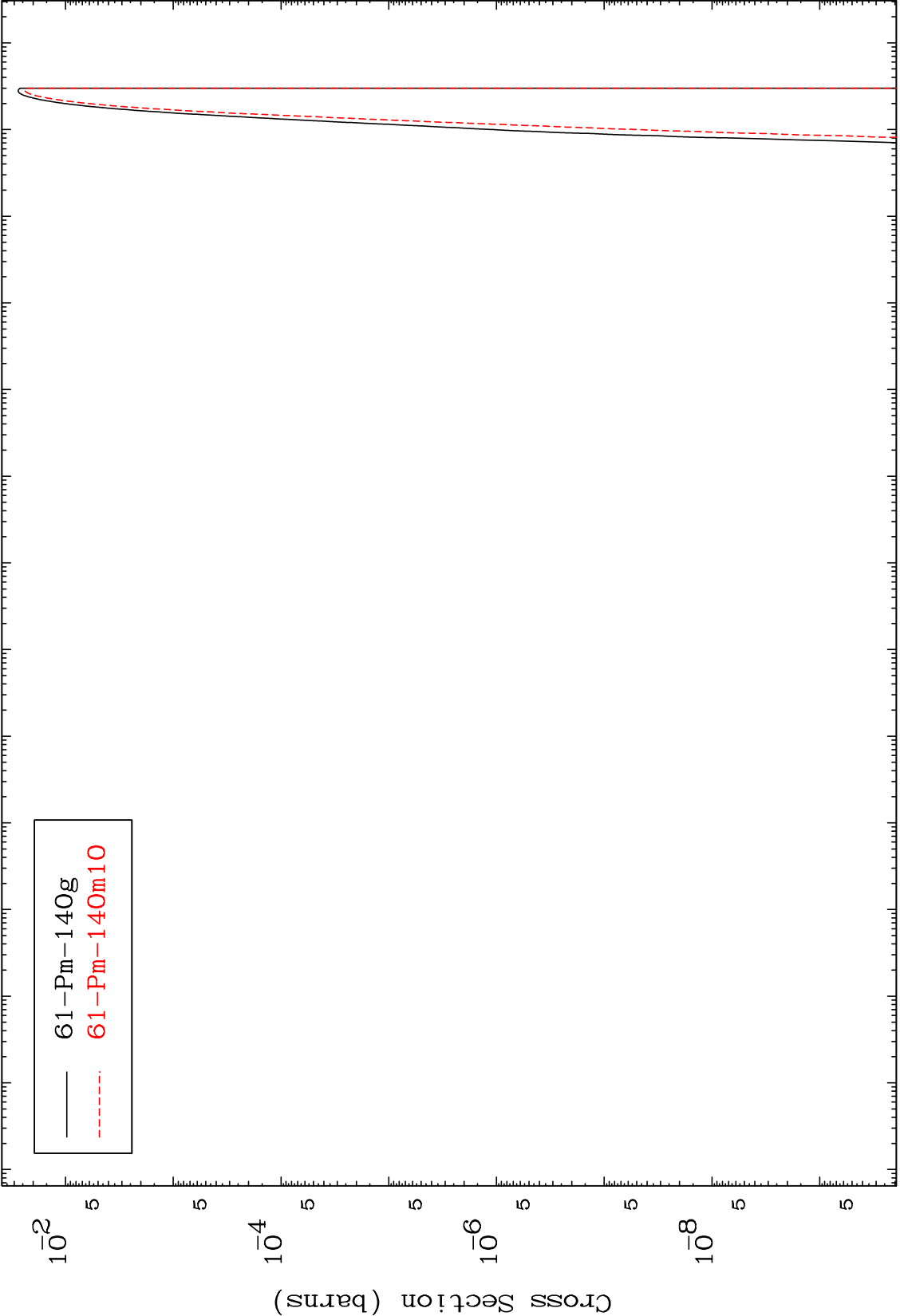
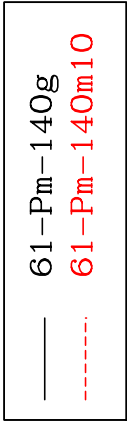


MAT 6304

$(n,n') \alpha$

$^{63}\text{Eu}-^{144}$

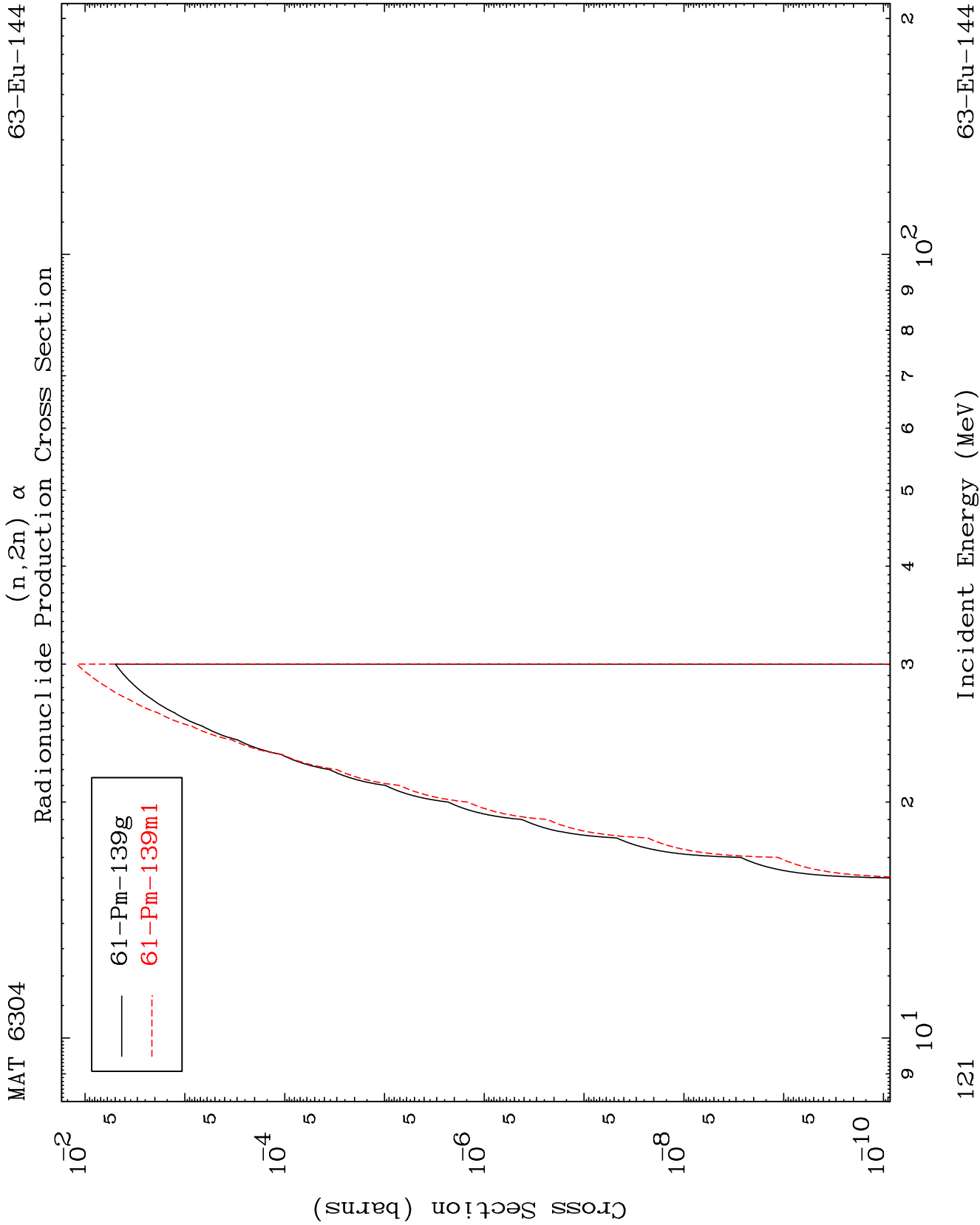
Radionuclide Production Cross Section



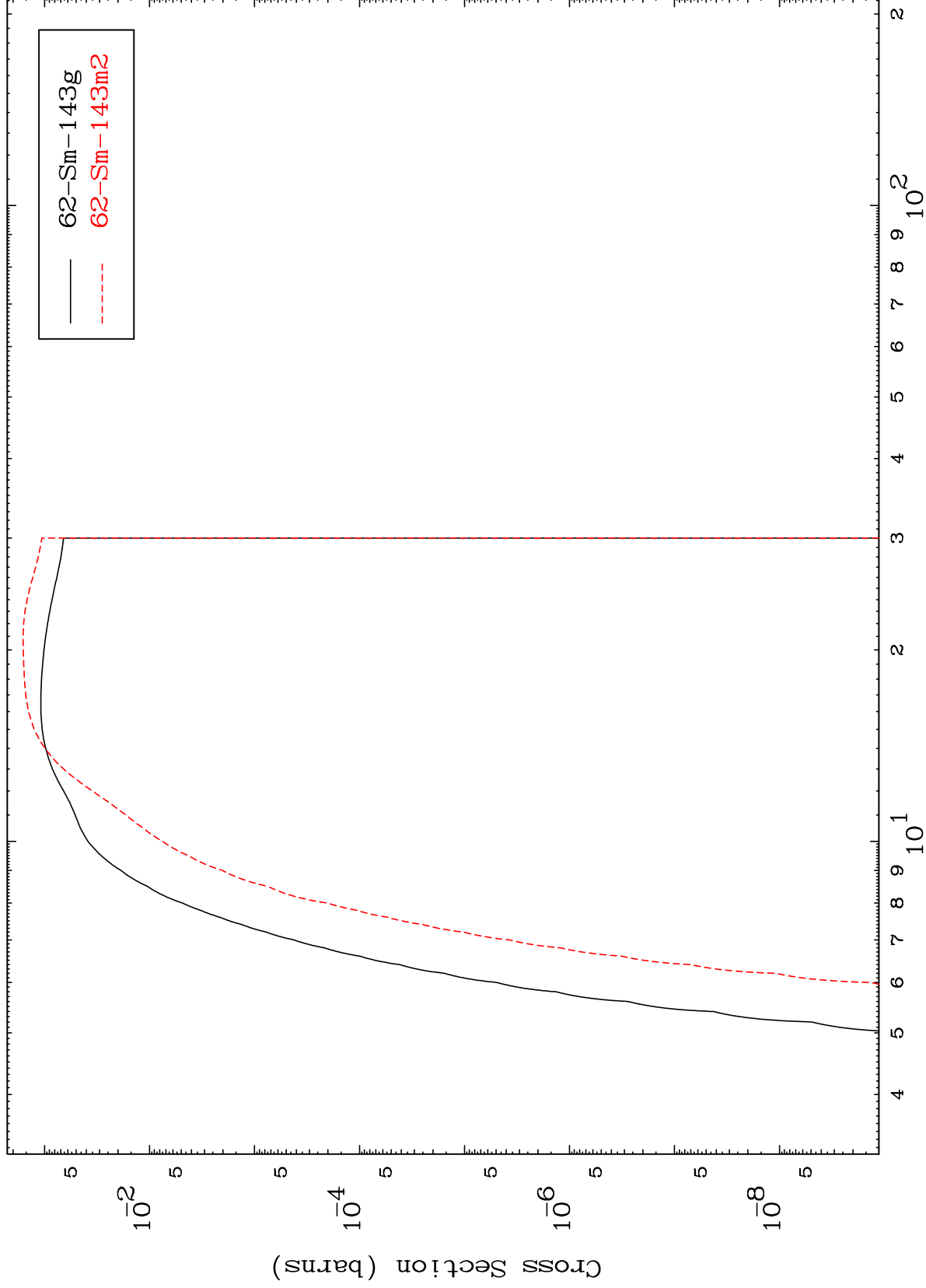
120

Incident Energy (MeV)

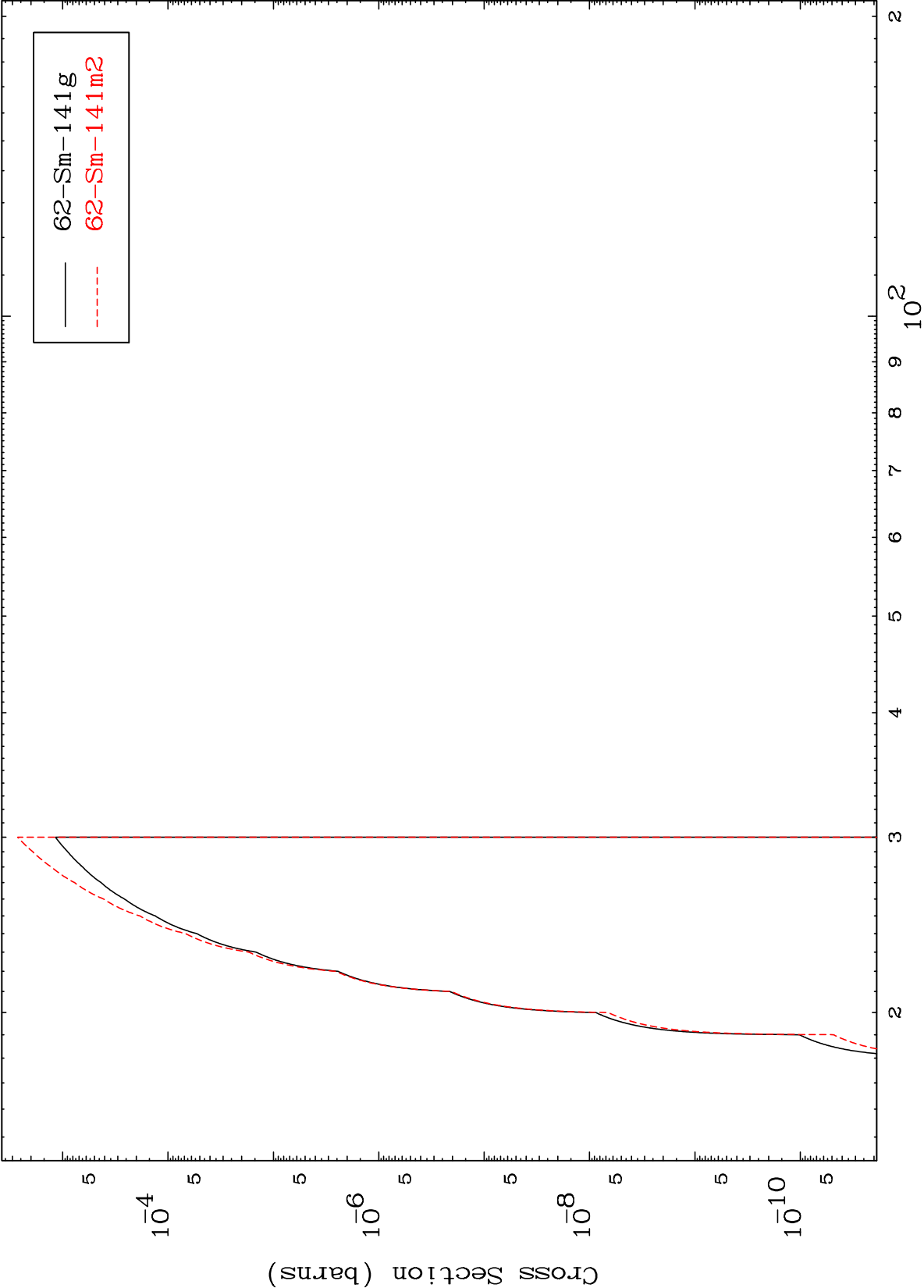
$^{63}\text{Eu}-^{144}$

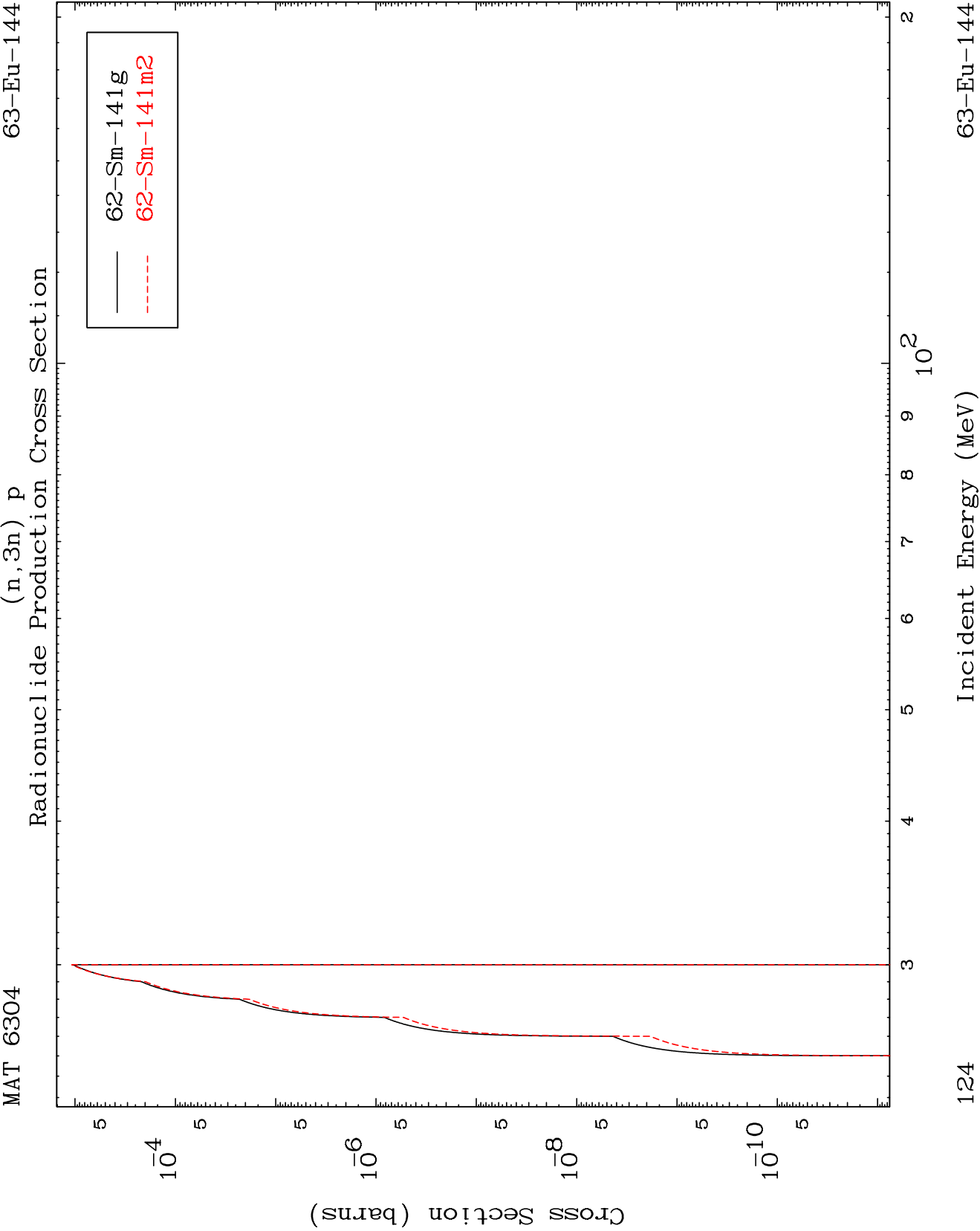


(n,n') p
Radionuclide Production Cross Section



Radionuclide Production Cross Section

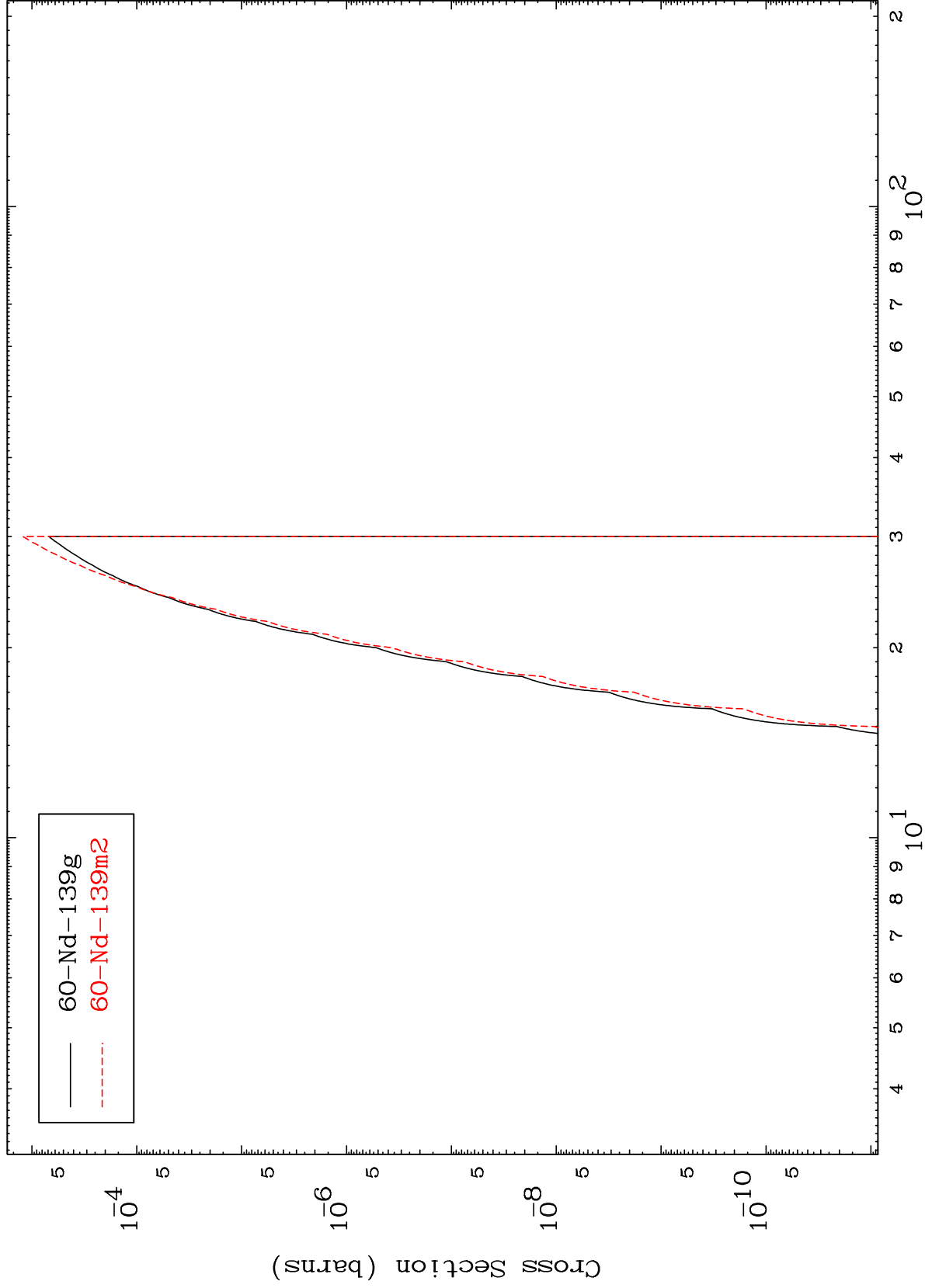




MAT 6304

63-Eu-144

(n,n') p α
Radionuclide Production Cross Section

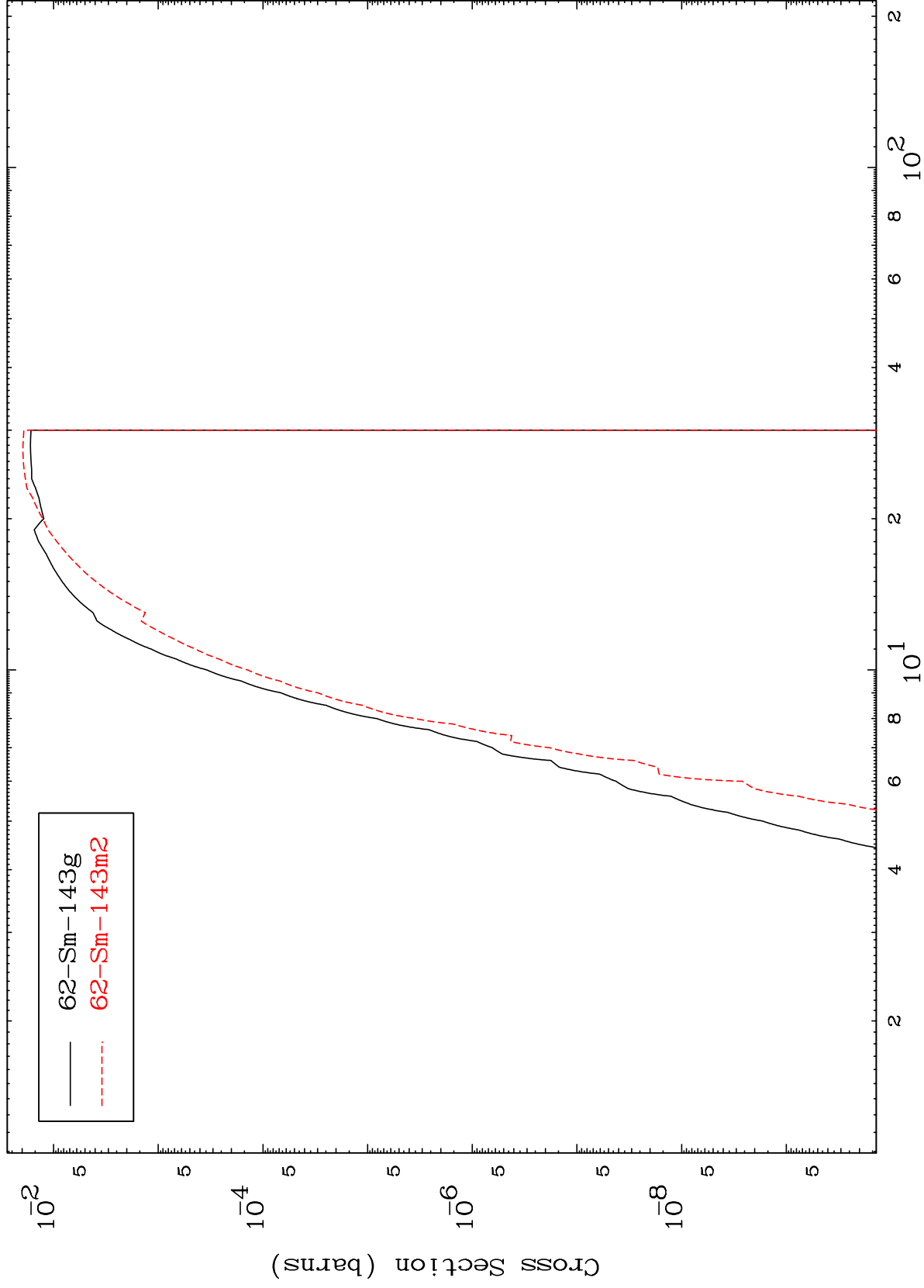


125

Incident Energy (MeV)

63-Eu-144

(n,d)
Radionuclide Production Cross Section



Radionuclide Production Cross Section
(n,d) α

