

Program EVALPLOT
(Version 2021-1)

by

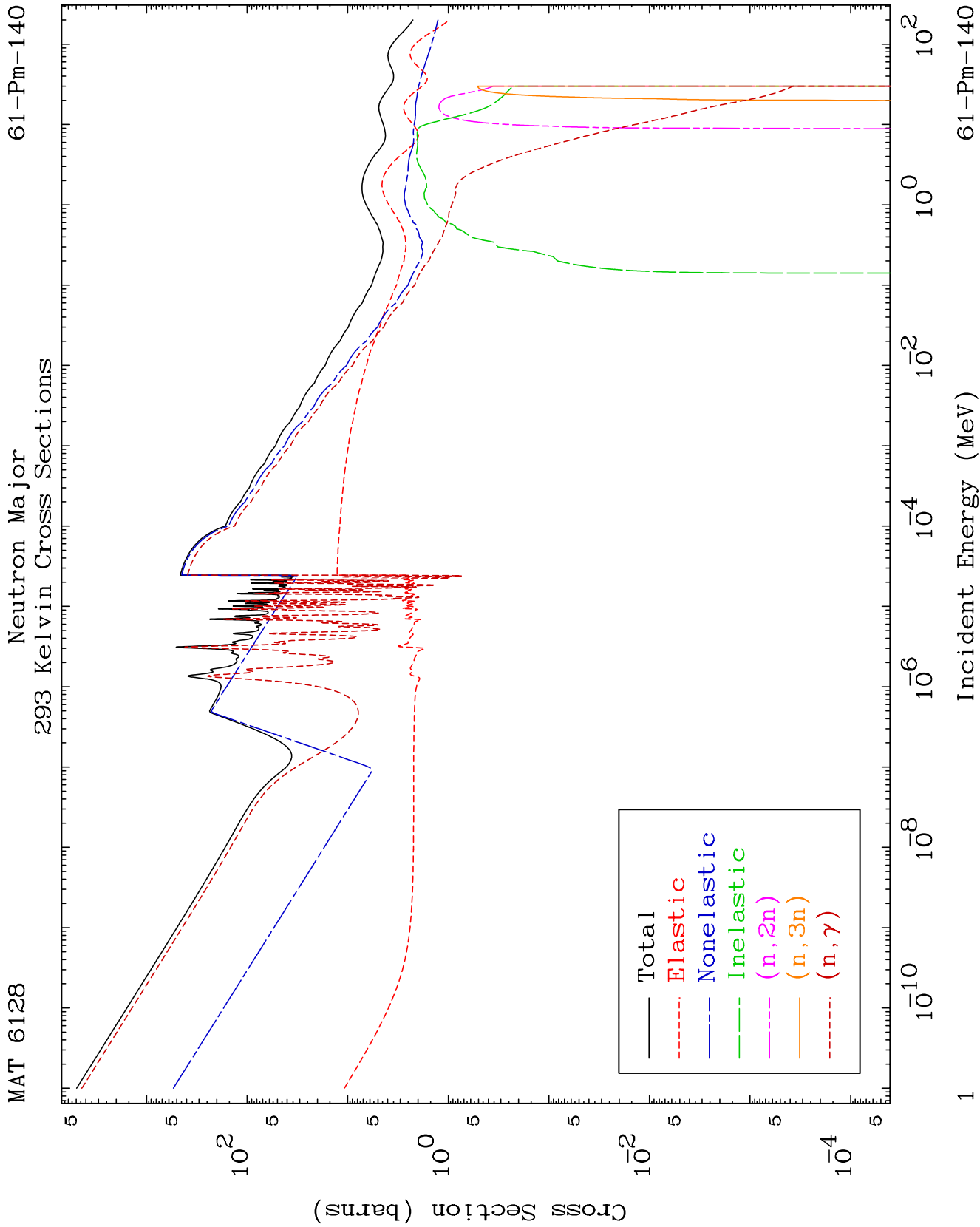
Dermott E. Cullen
(Present Contact Information)

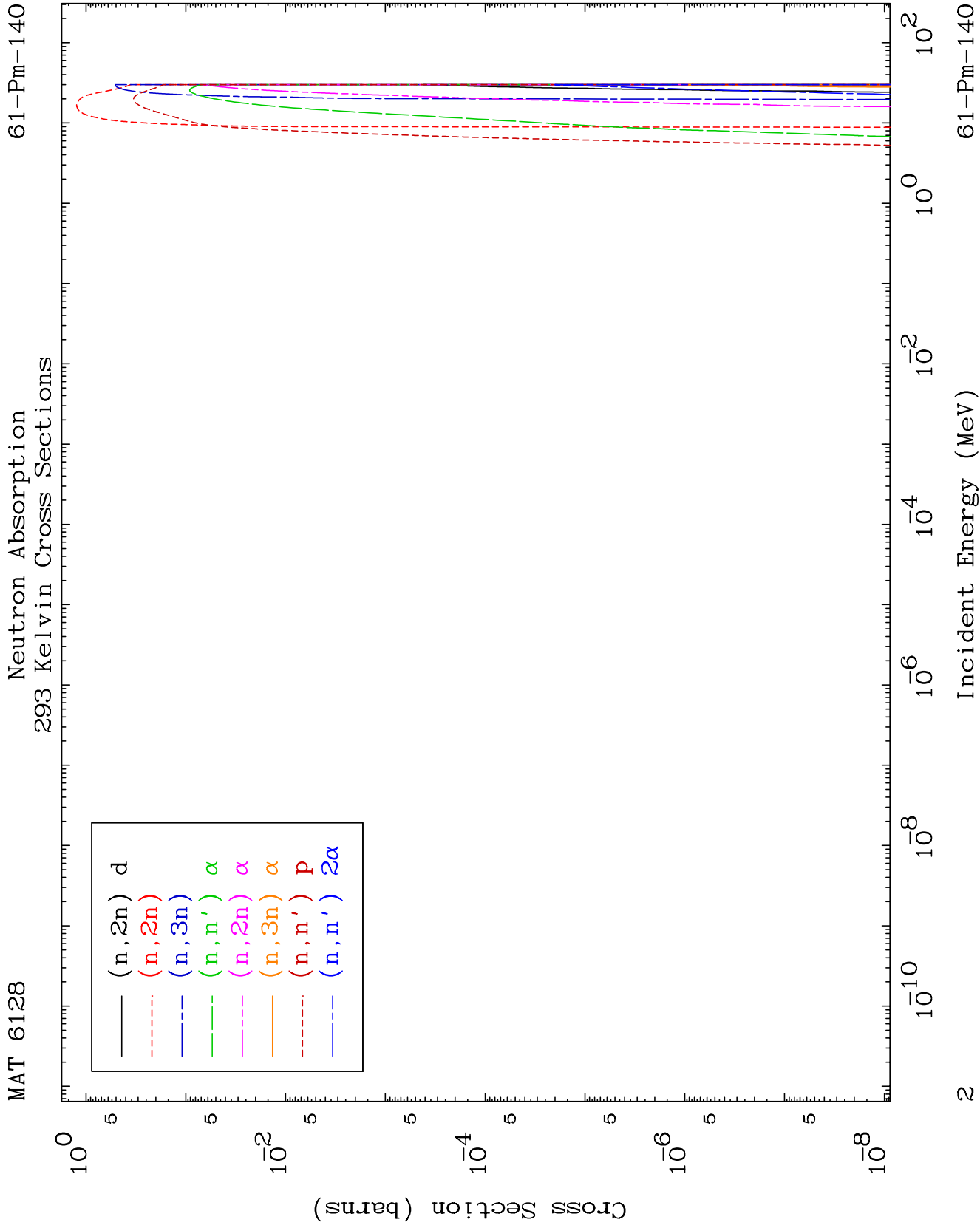
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

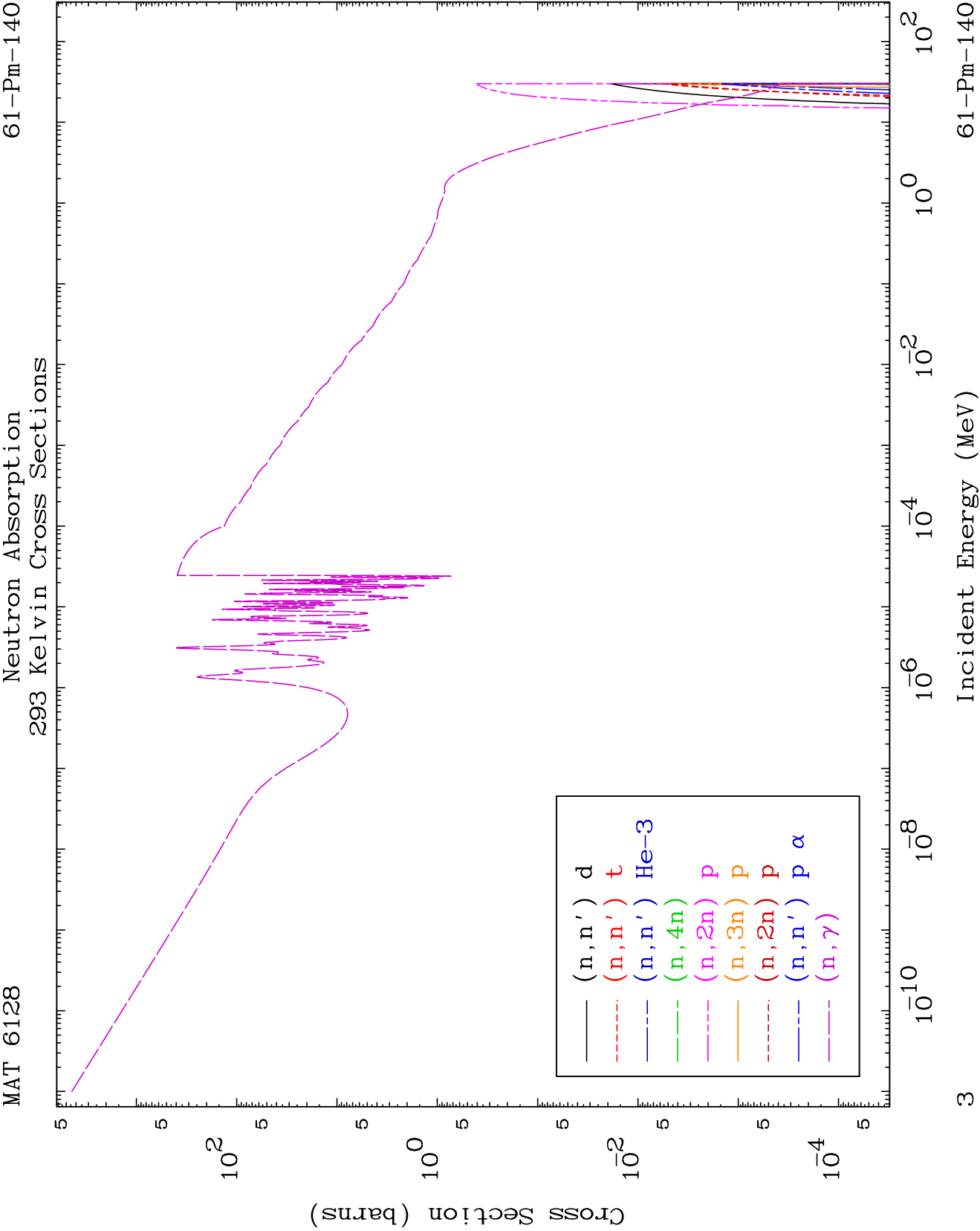
Tele: 925-443-1911

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

Press Mouse Button to Start



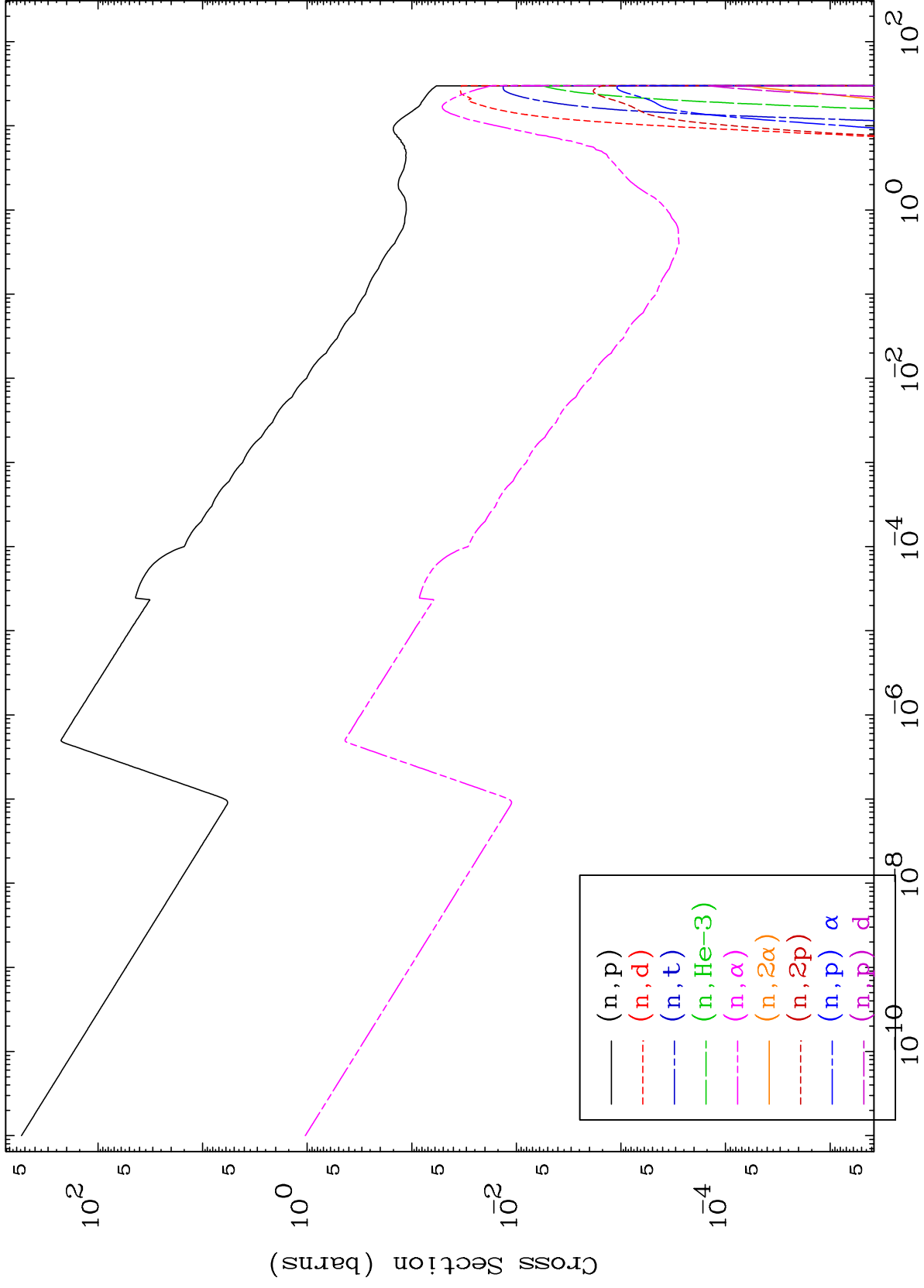


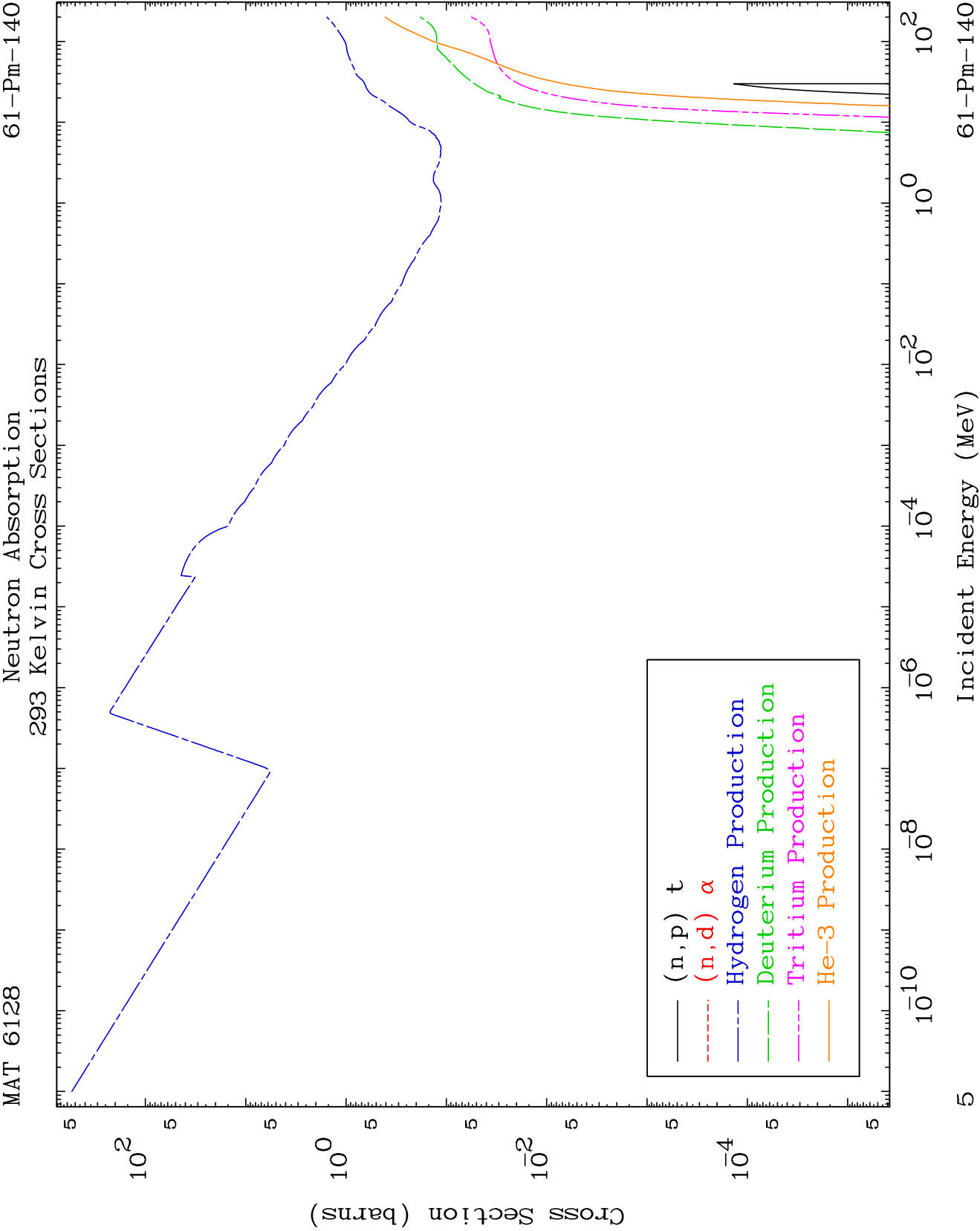


MAT 6128

Neutron Absorption
293 Kelvin Cross Sections

61-Pm-140

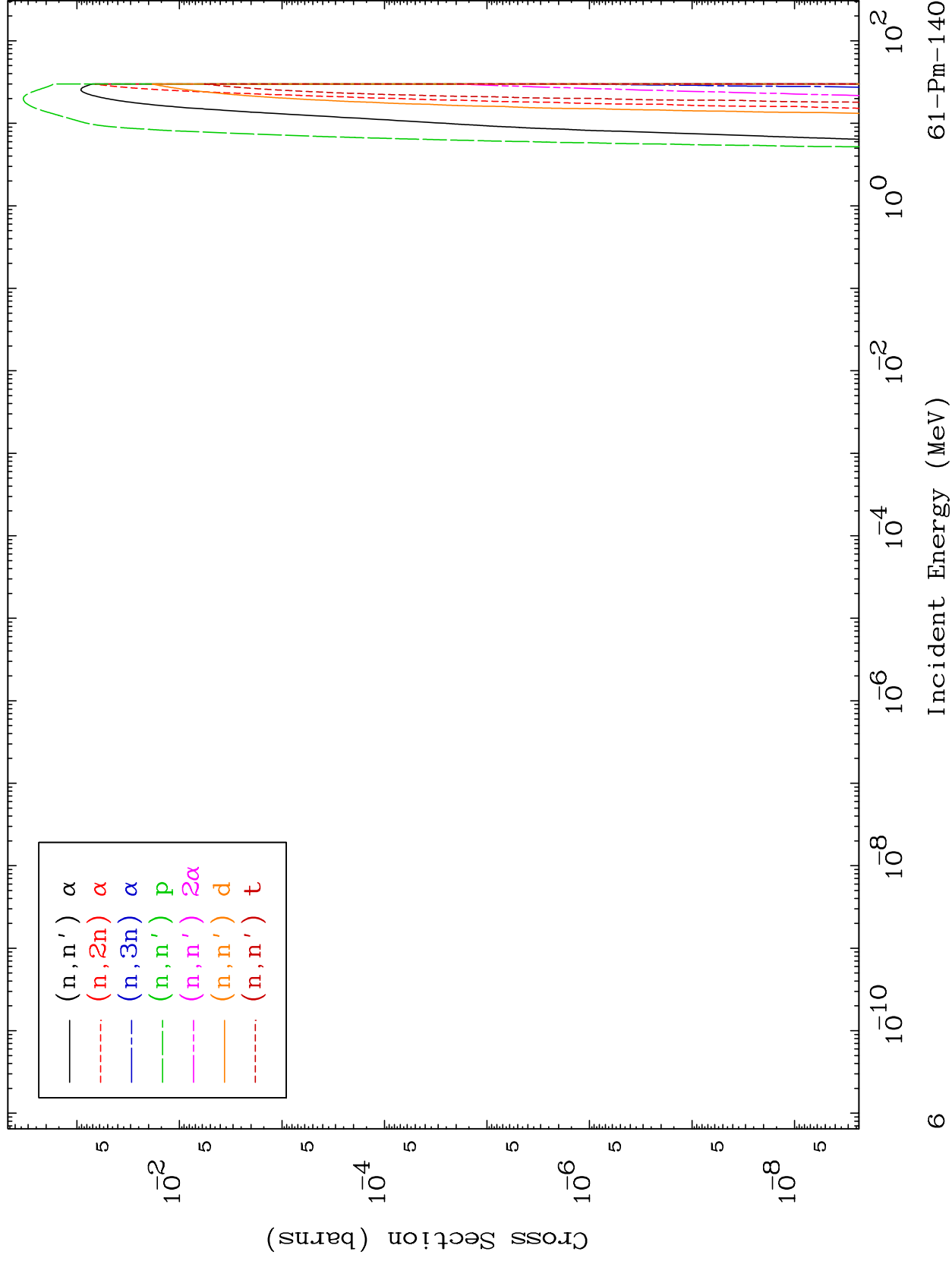


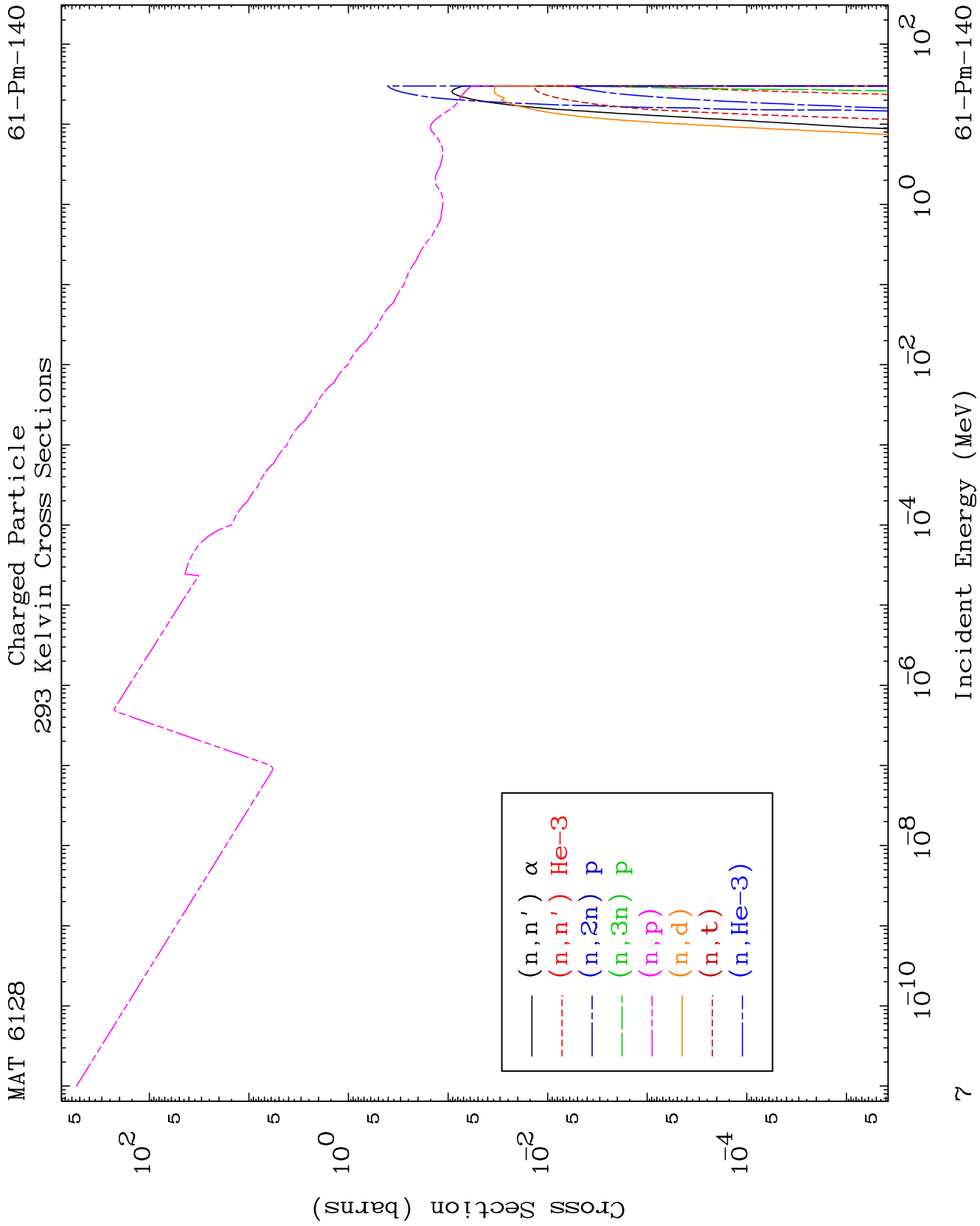


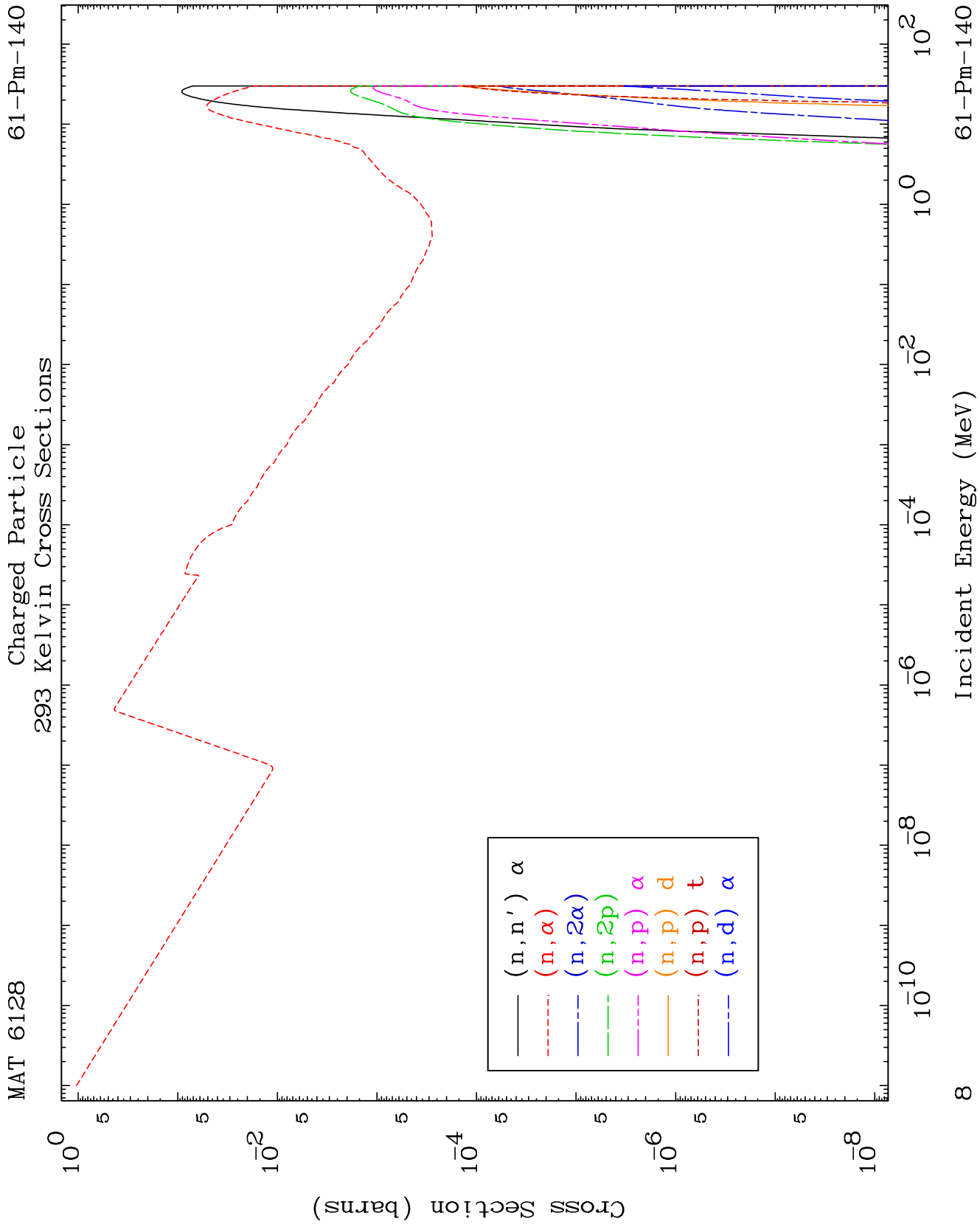
MAT 6128

Charged Particle
293 Kelvin Cross Sections

61-Pm-140



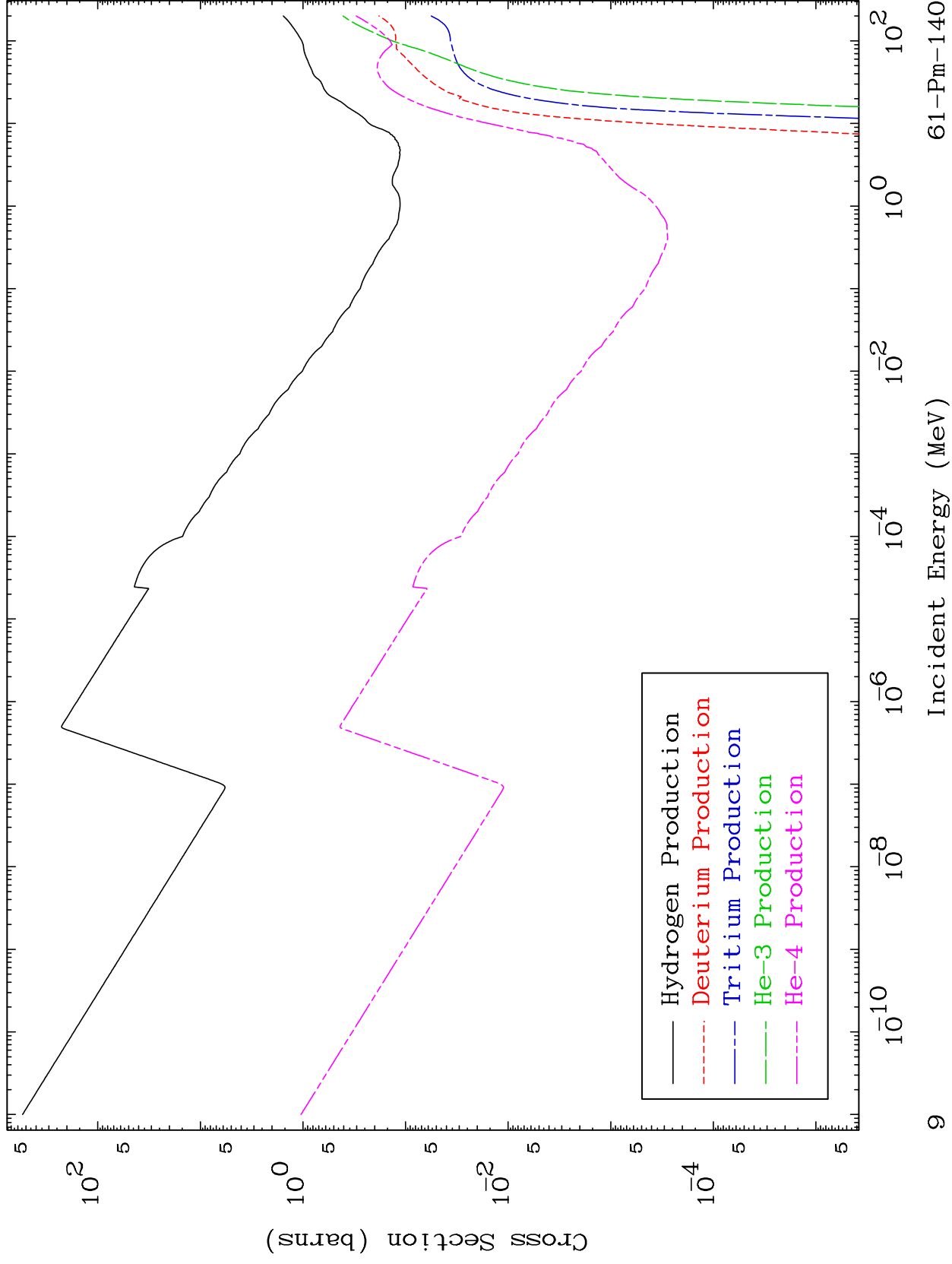


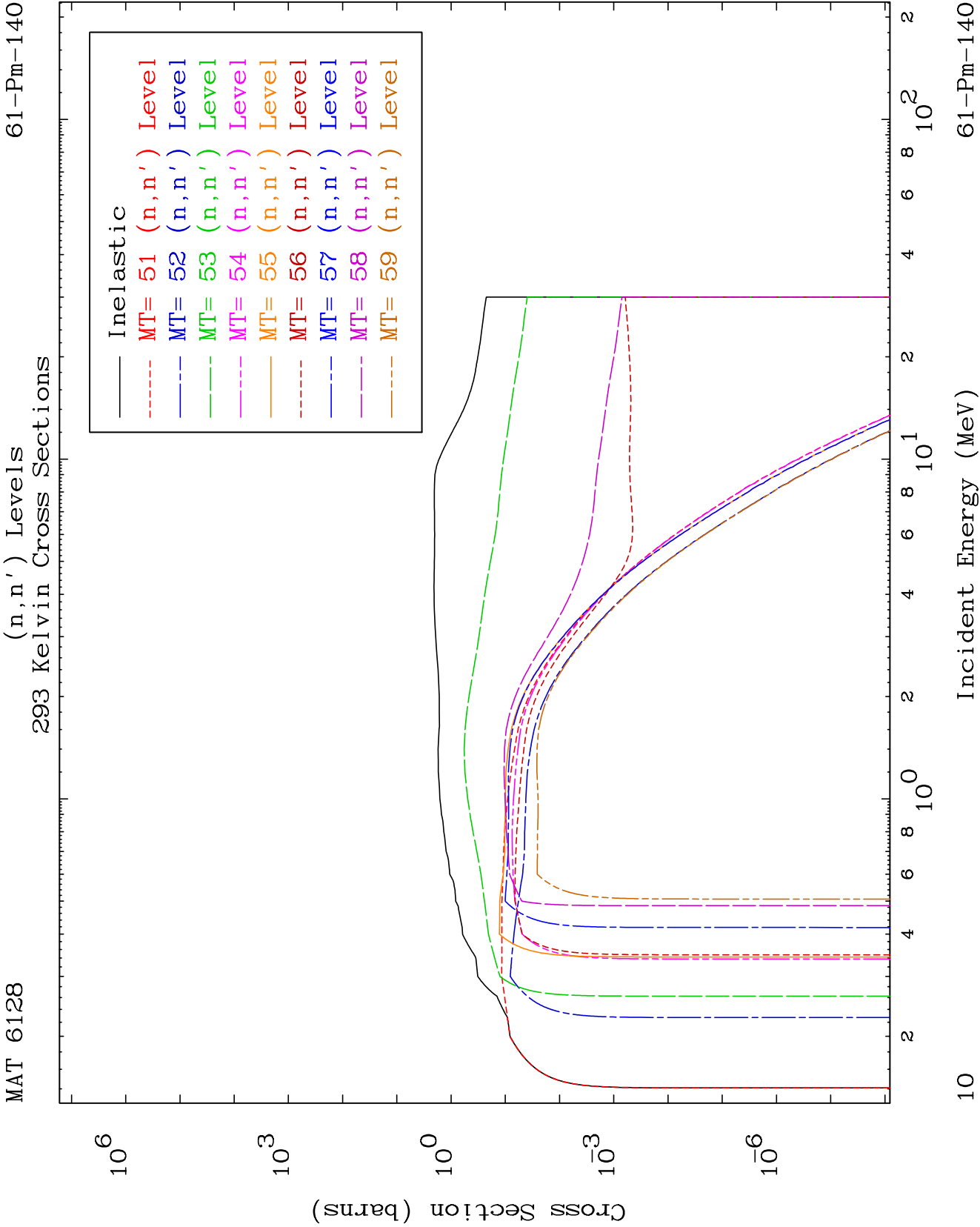


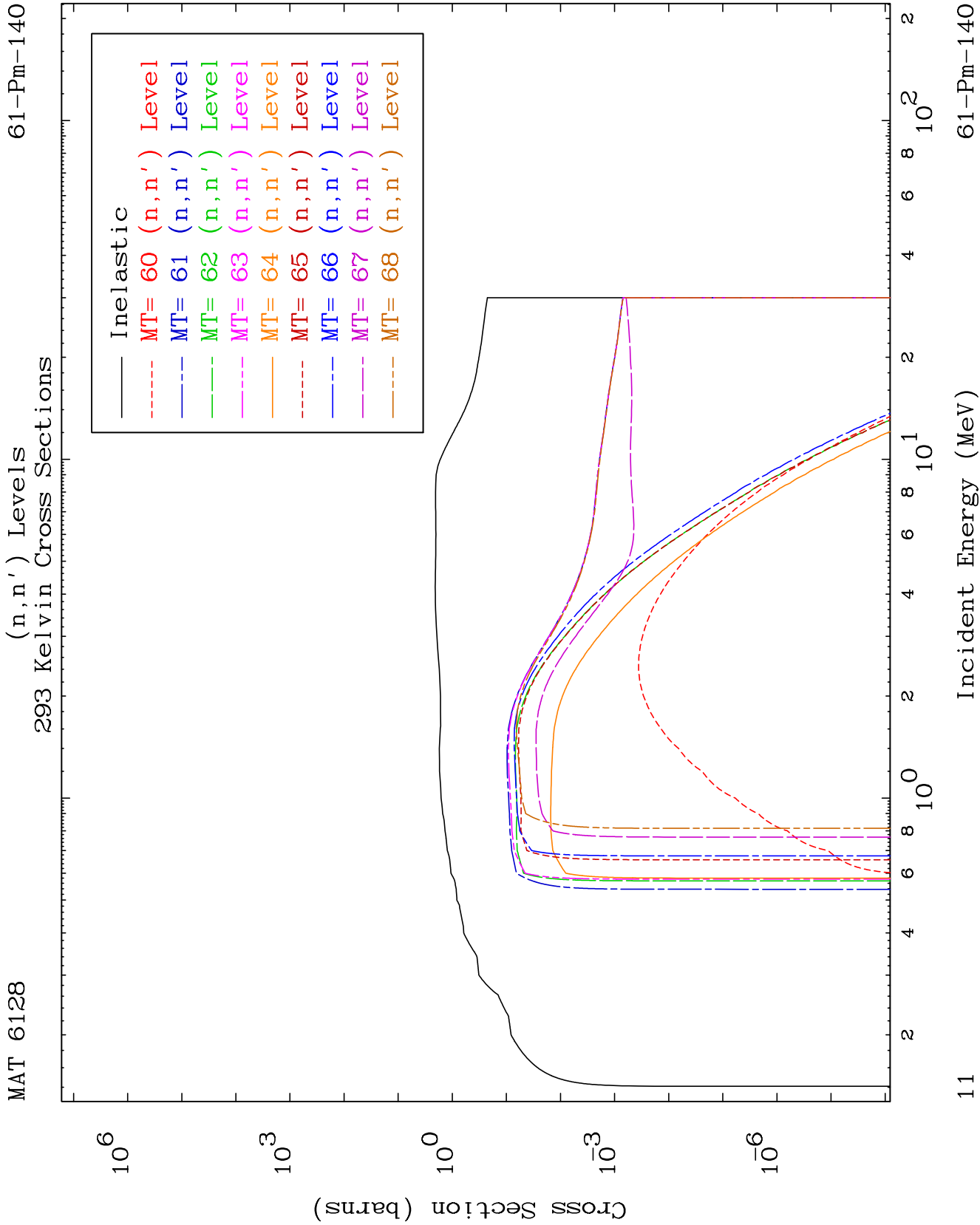
MAT 6128

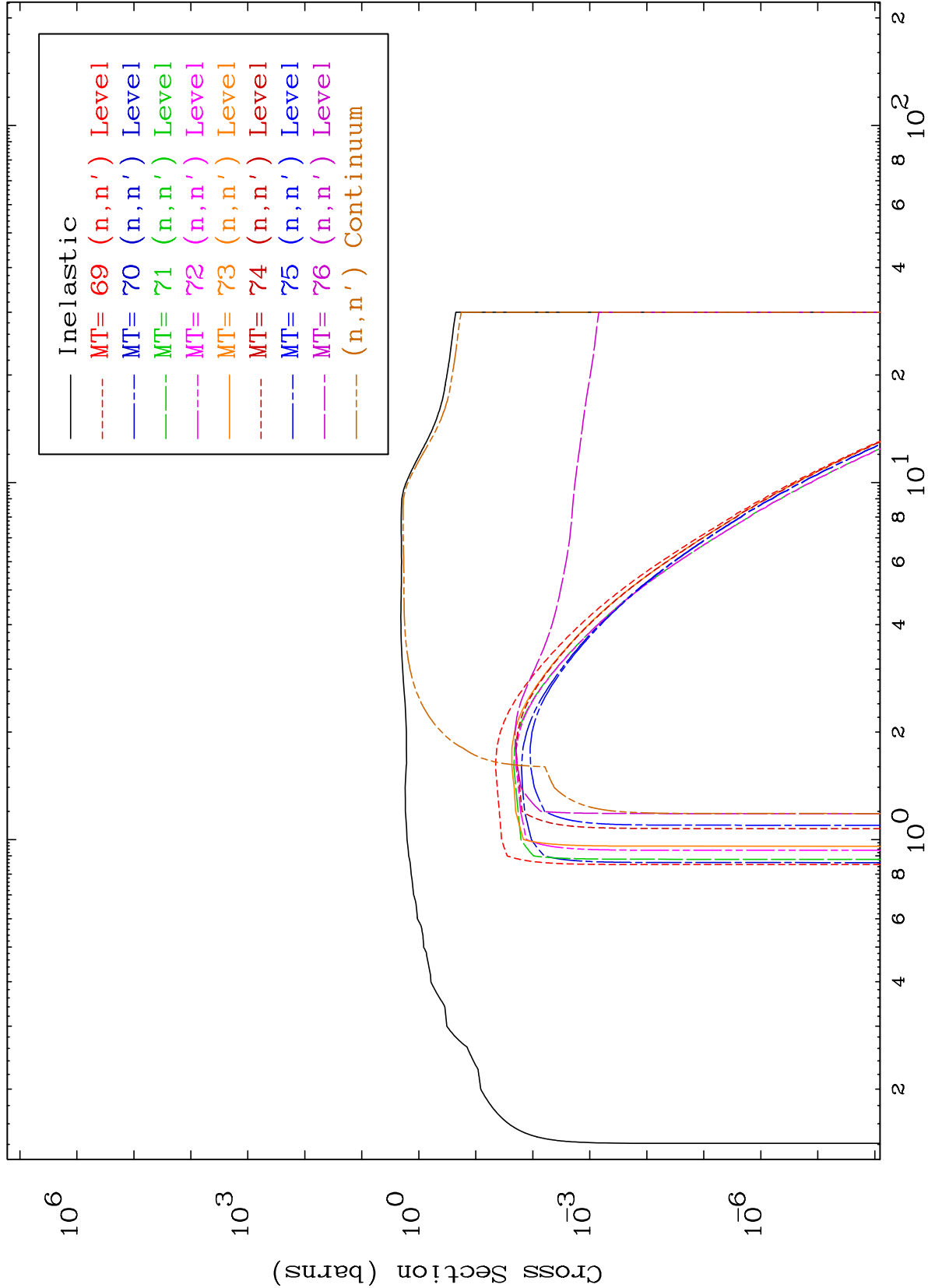
Particle Production
293 Kelvin Cross Sections

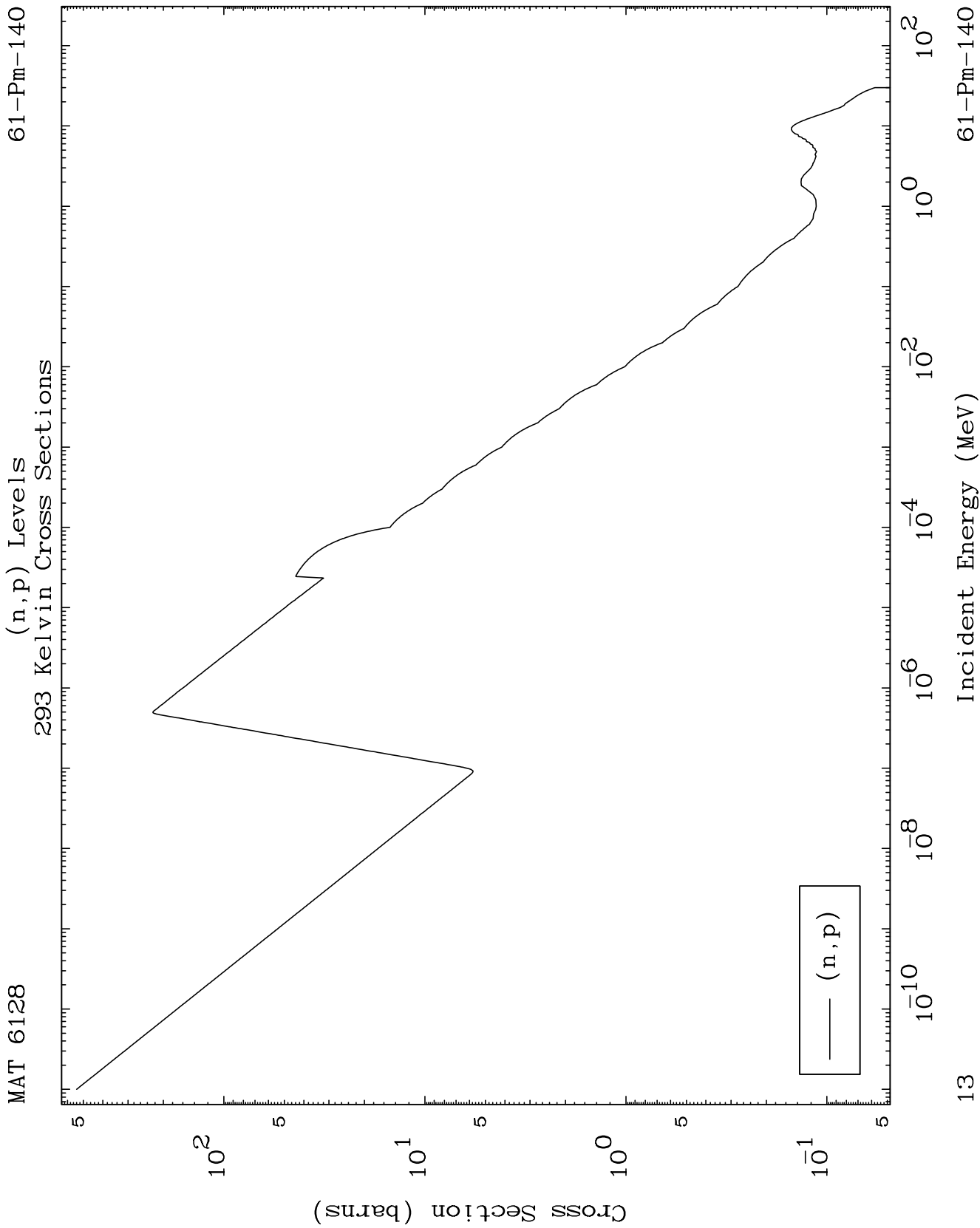
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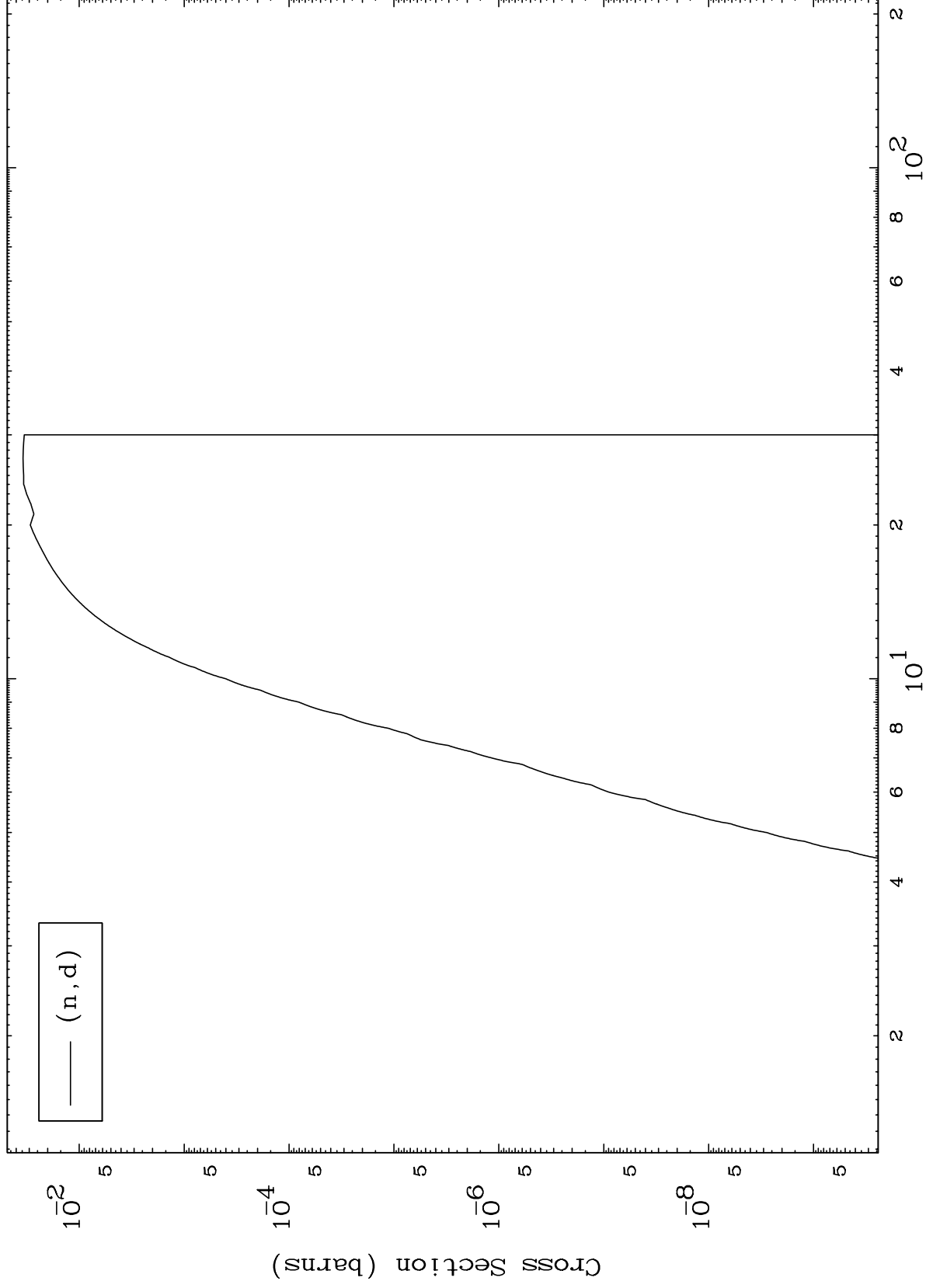




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61-Pm-140

(n,d) Levels
293 Kelvin Cross Sections



14

Incident Energy (MeV)

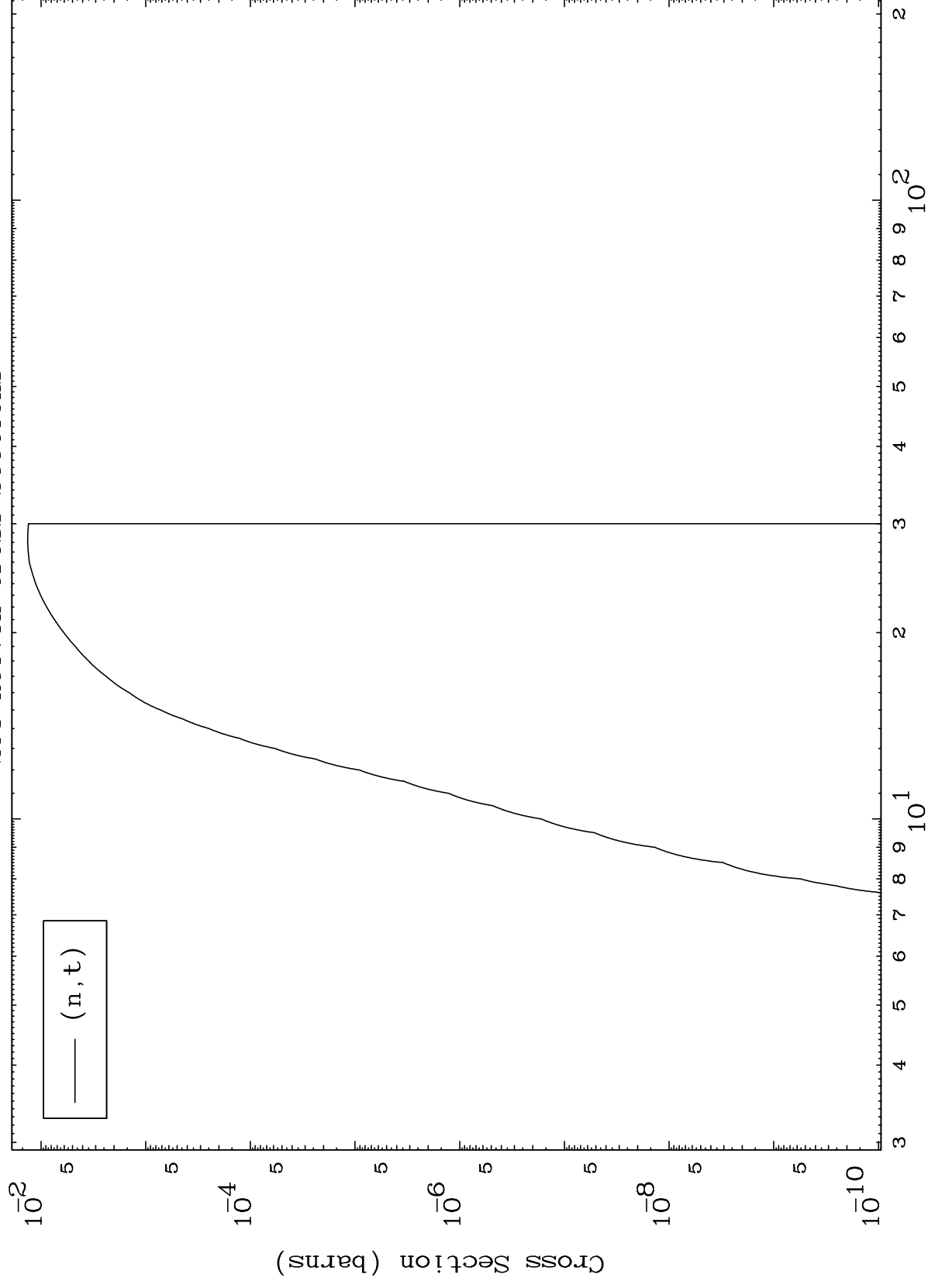
61-Pm-140

MAT 6128

 (n, t) Levels

61-Pm-140

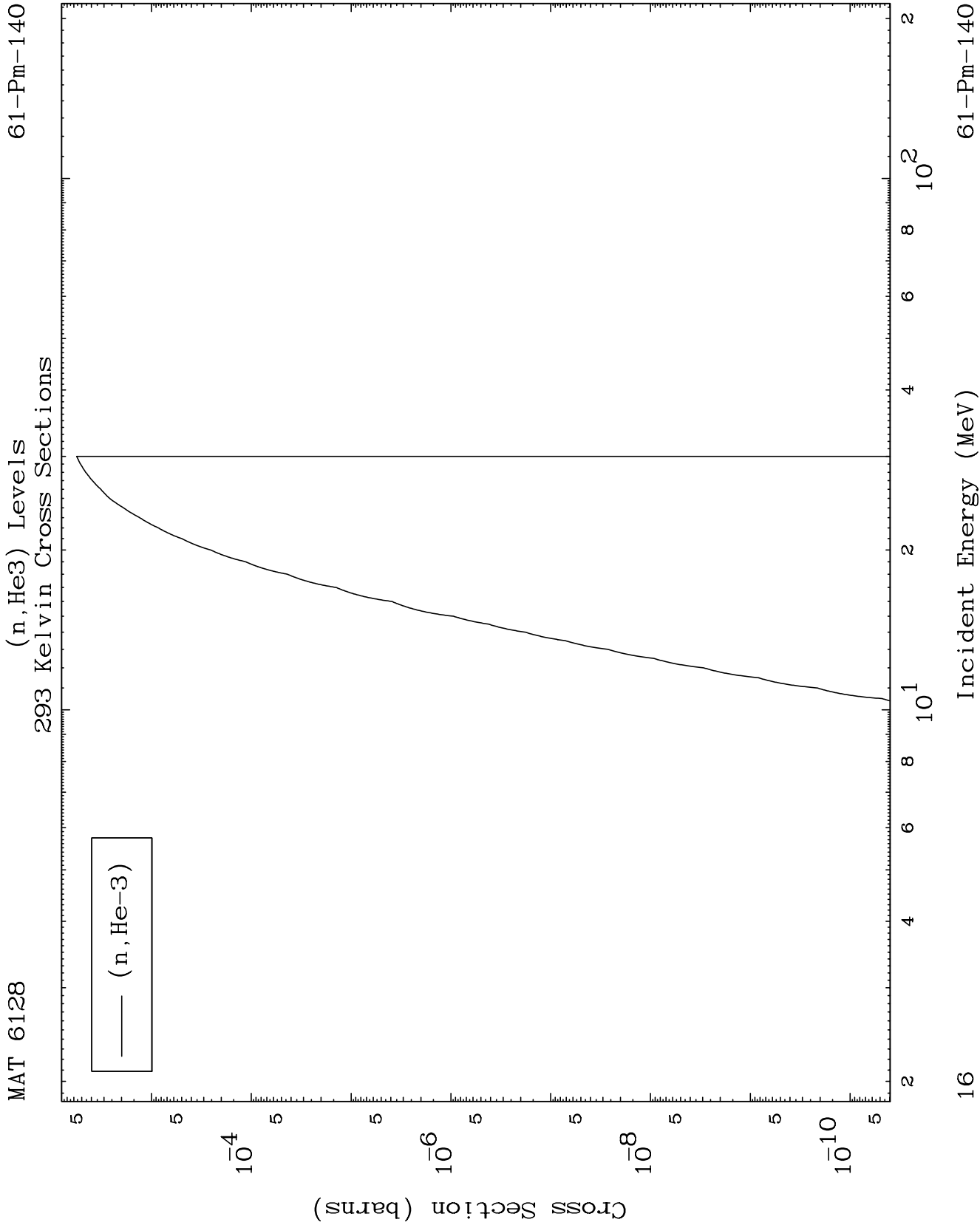
293 Kelvin Cross Sections

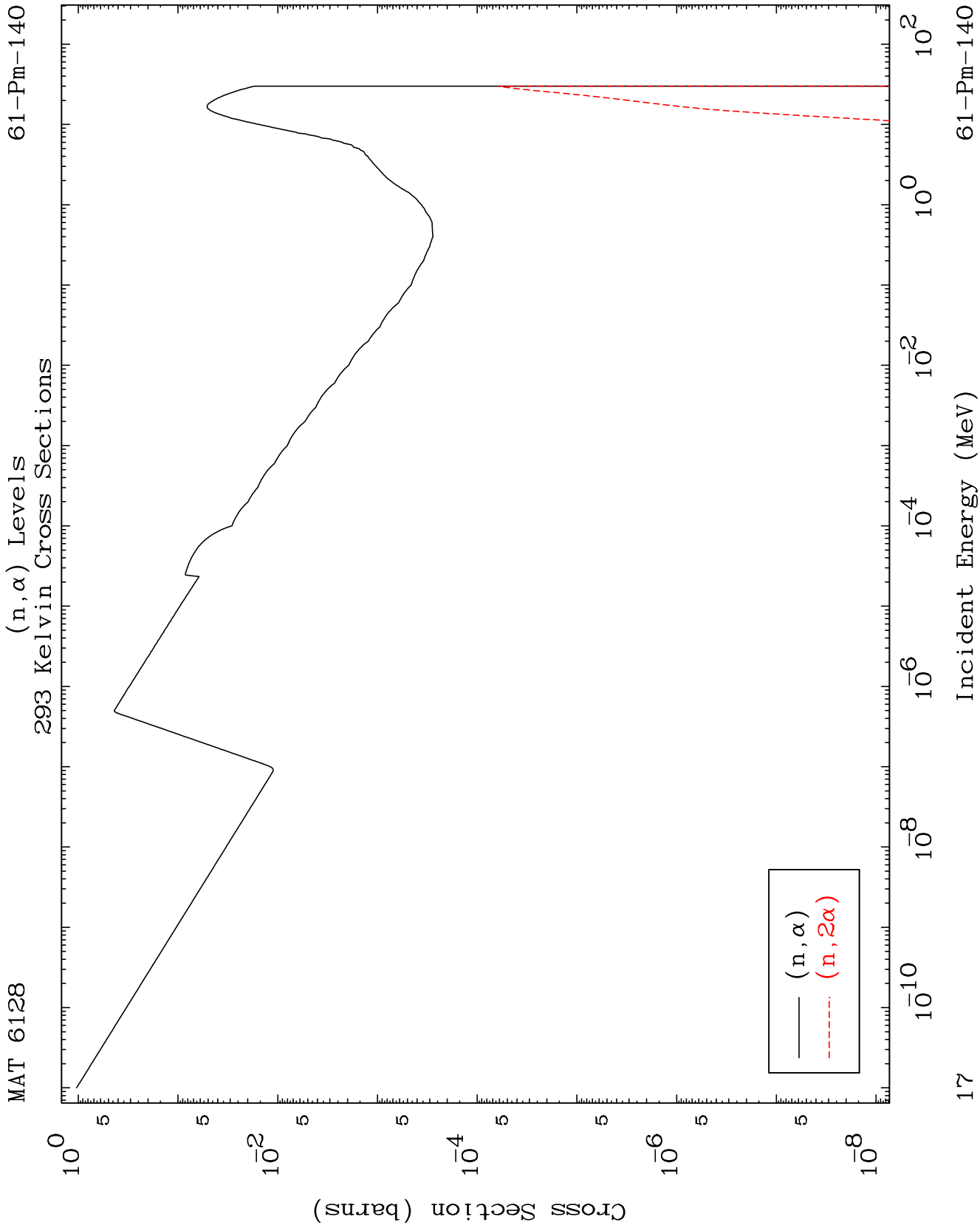


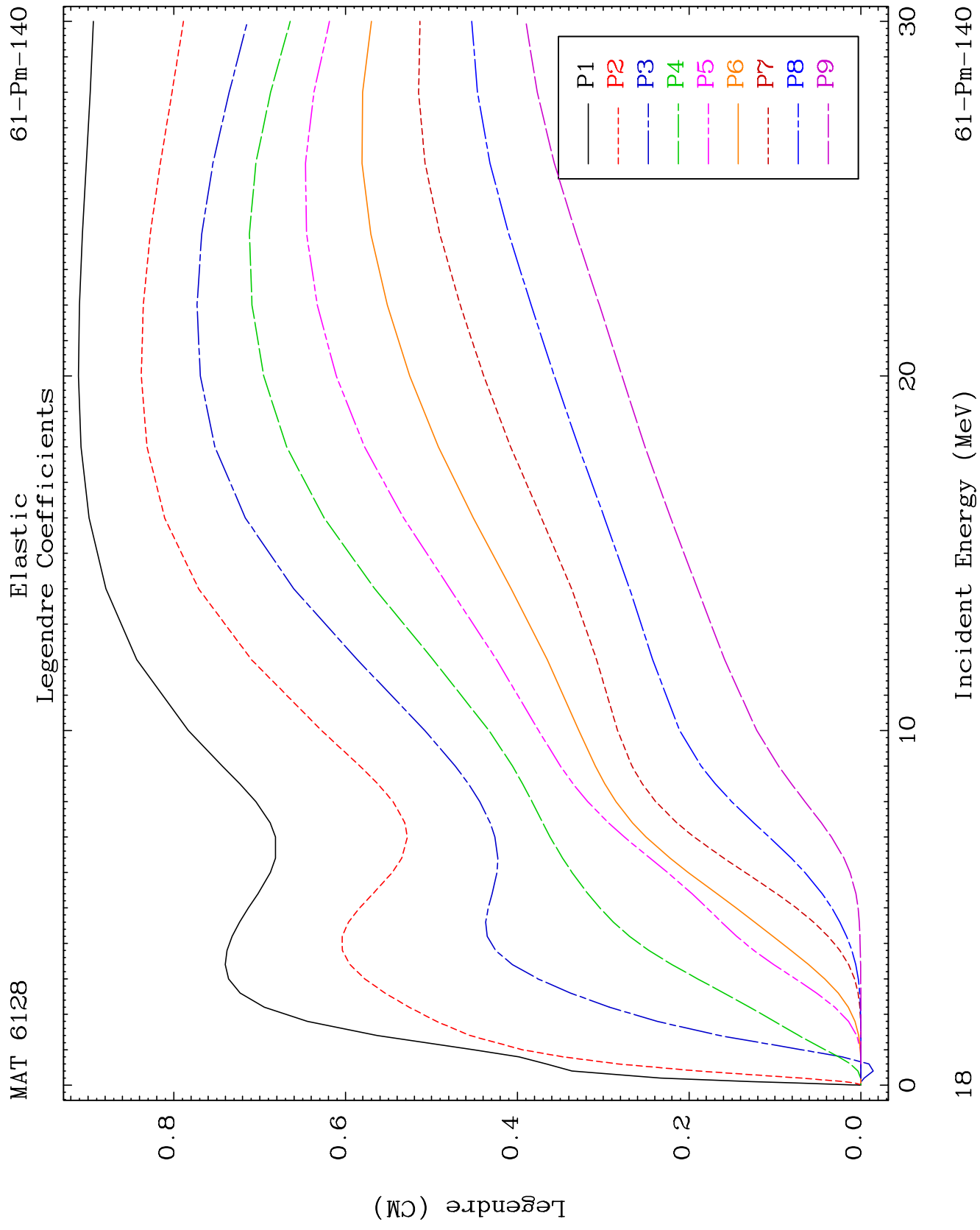
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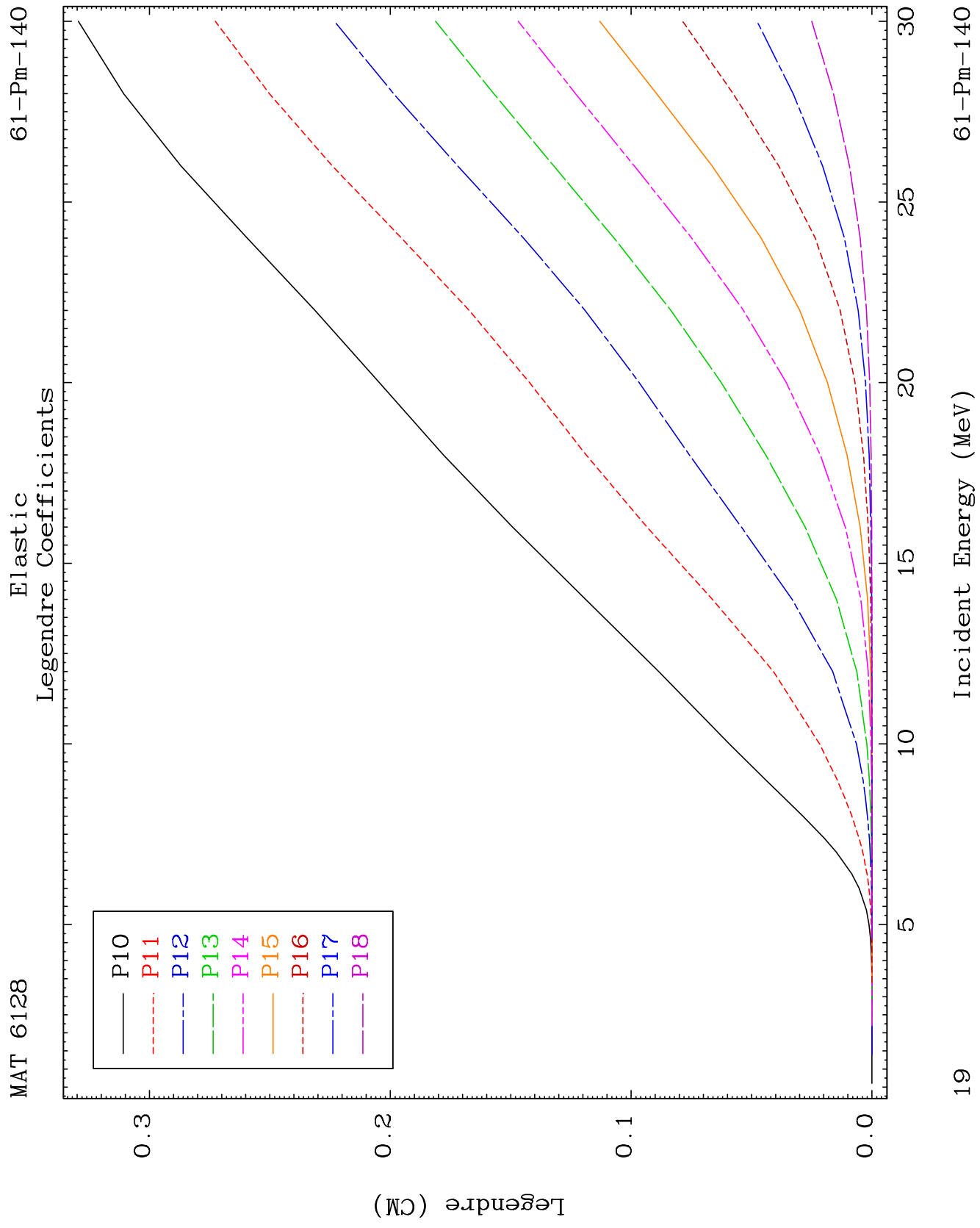
Incident Energy (MeV)

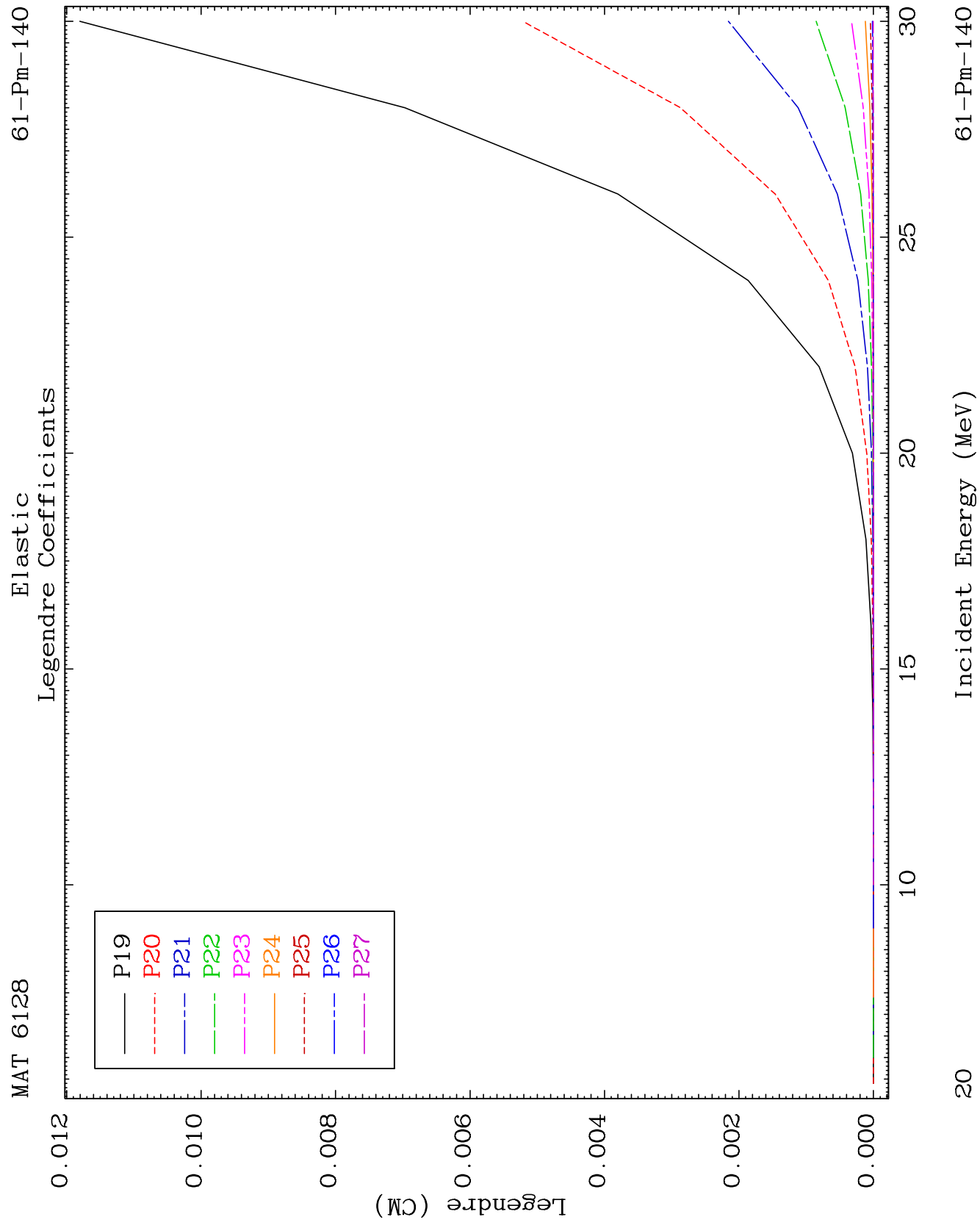
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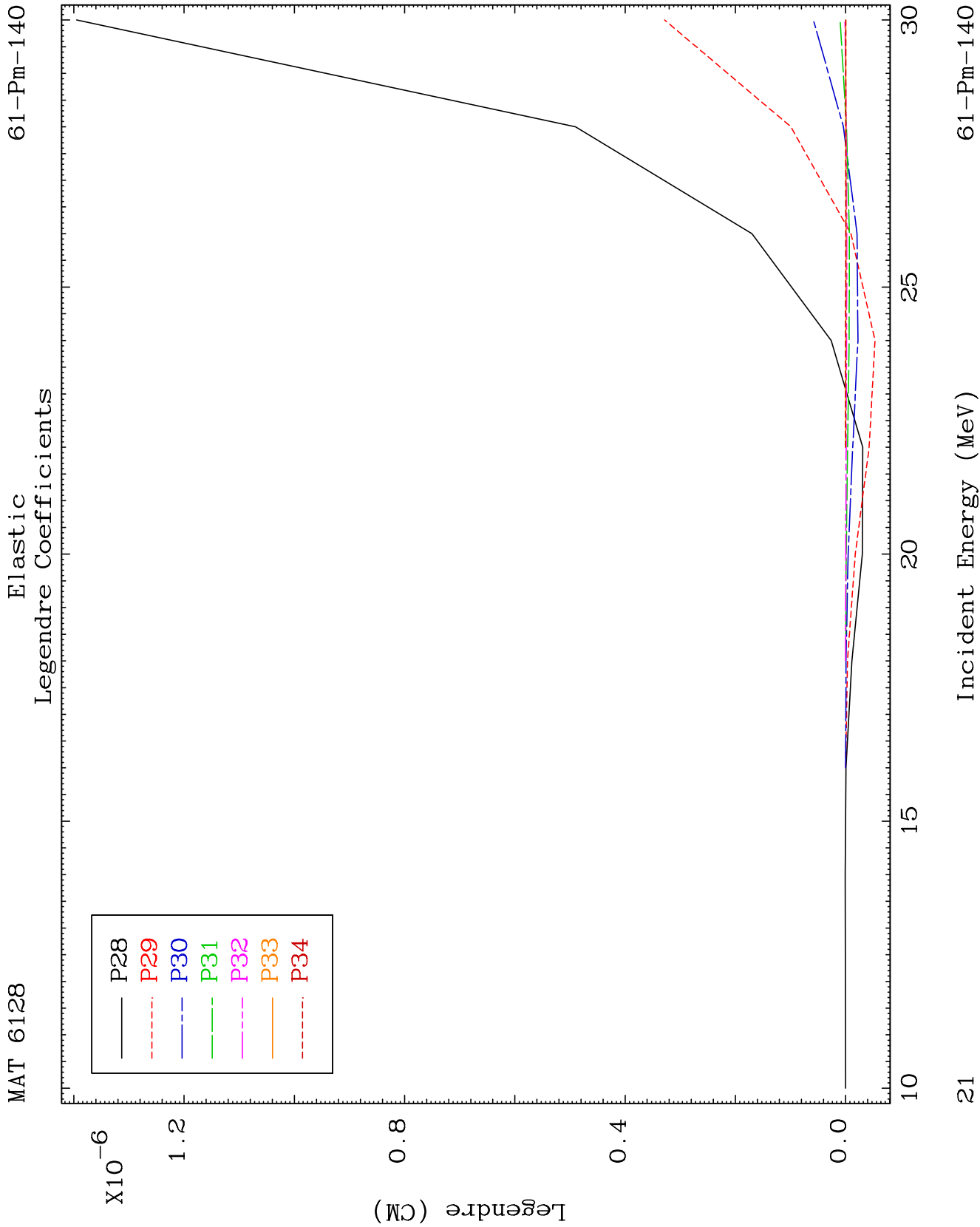


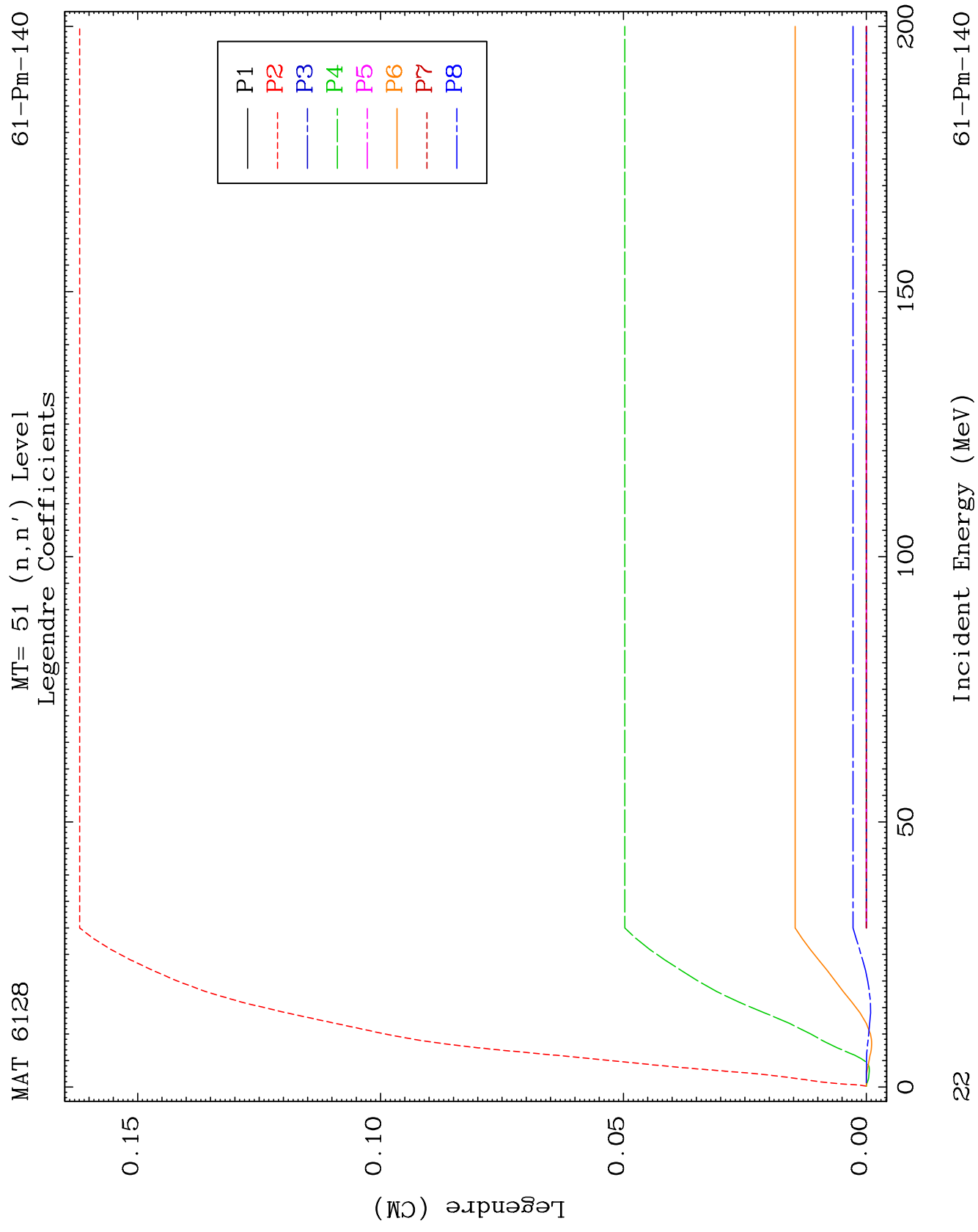


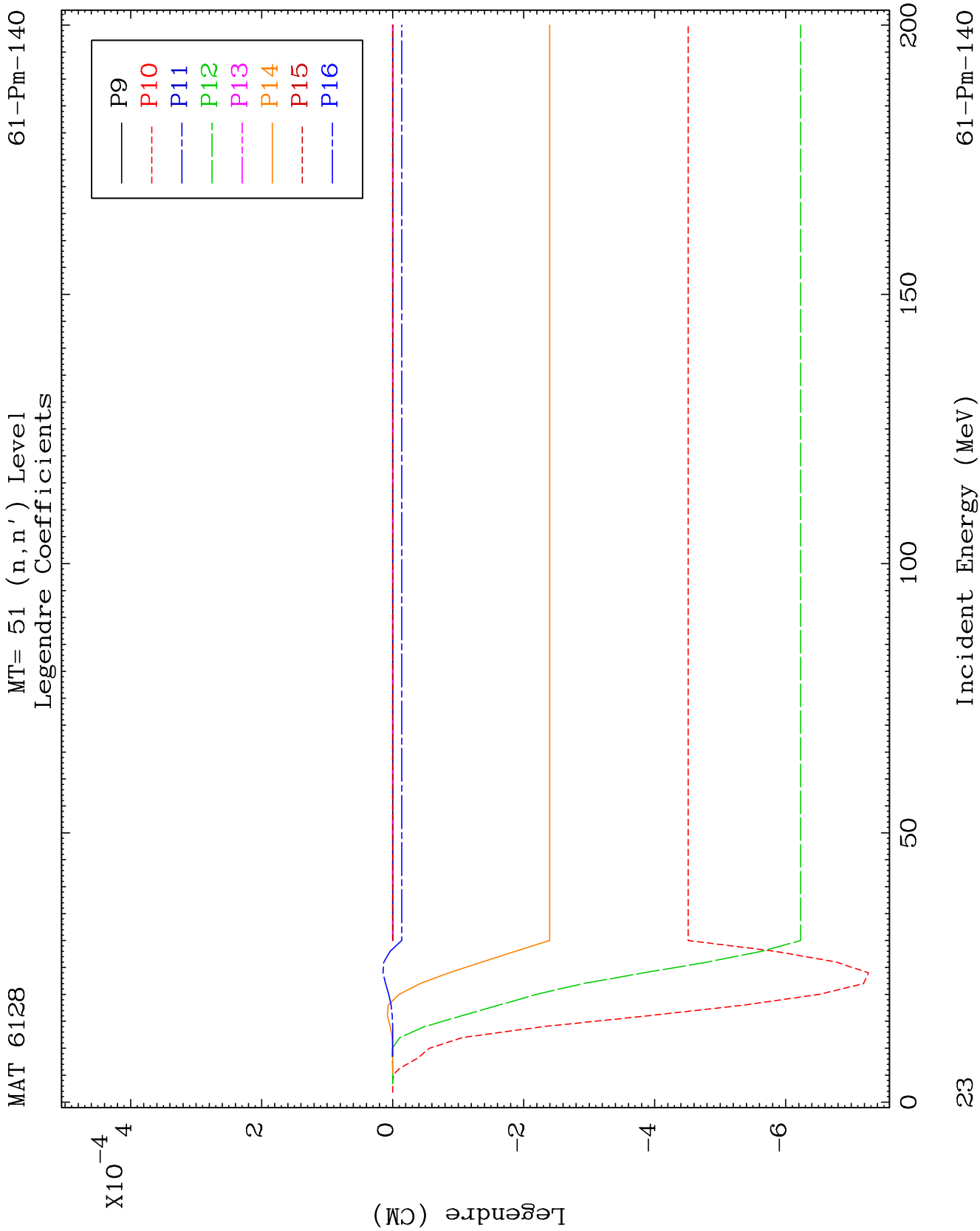


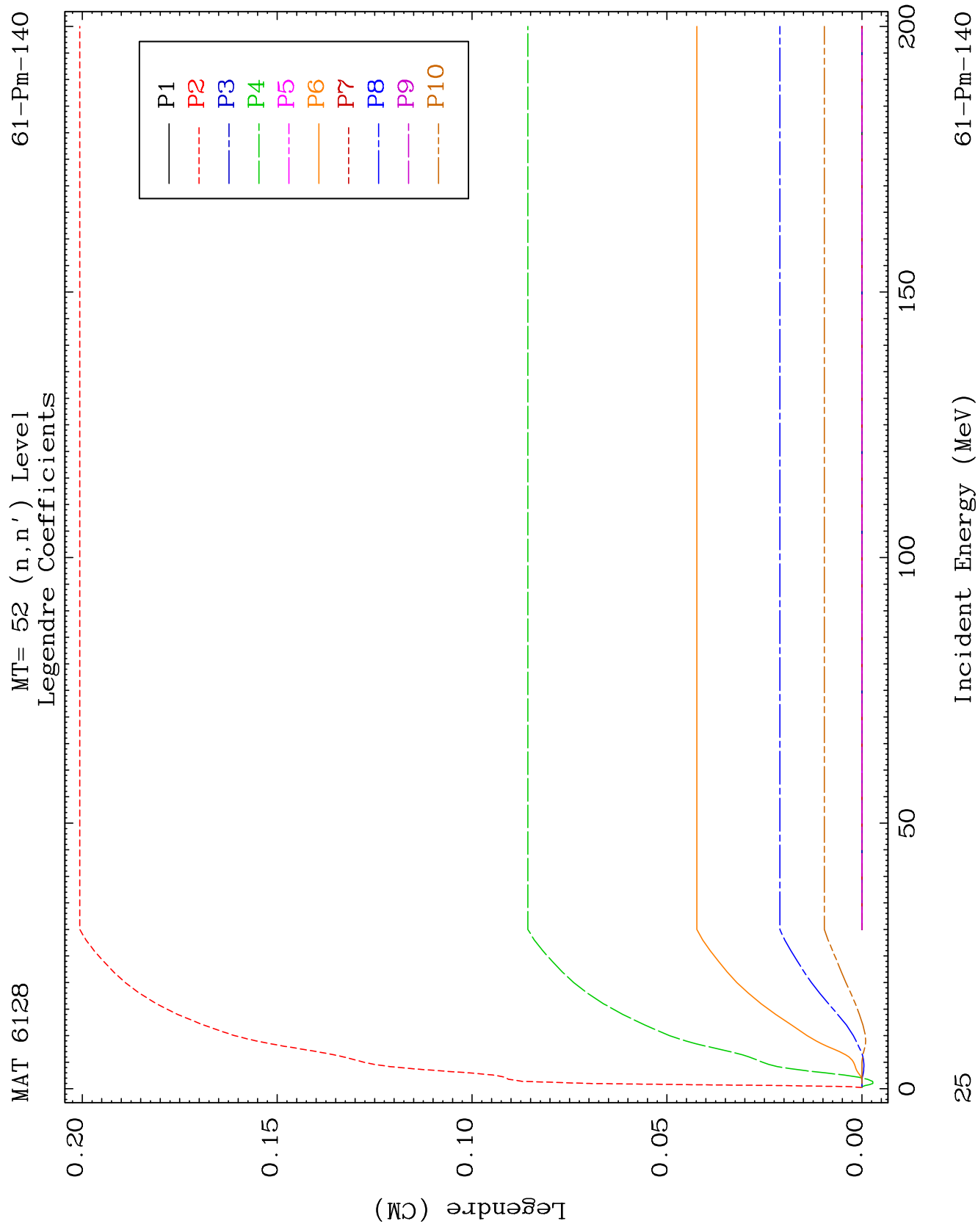


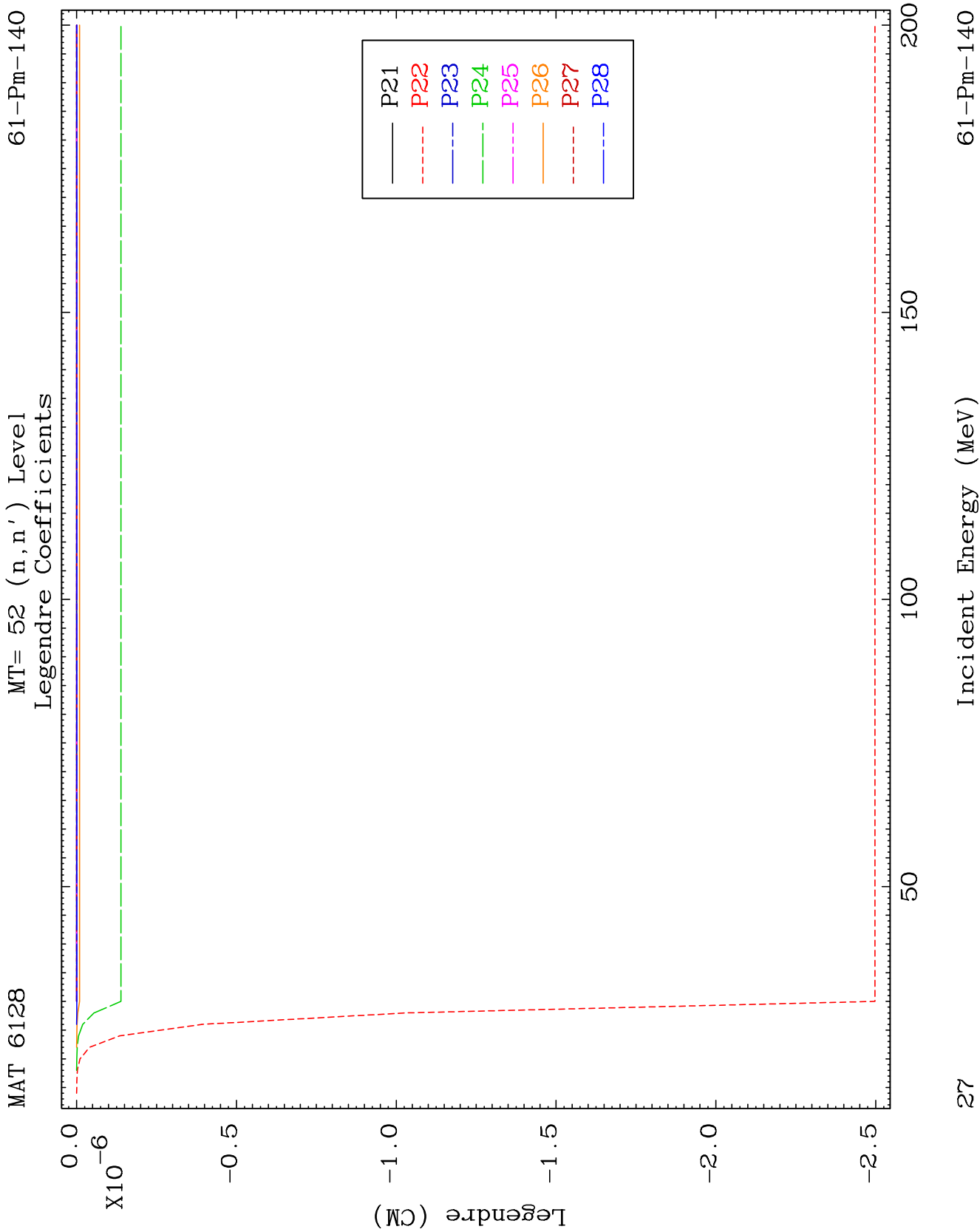


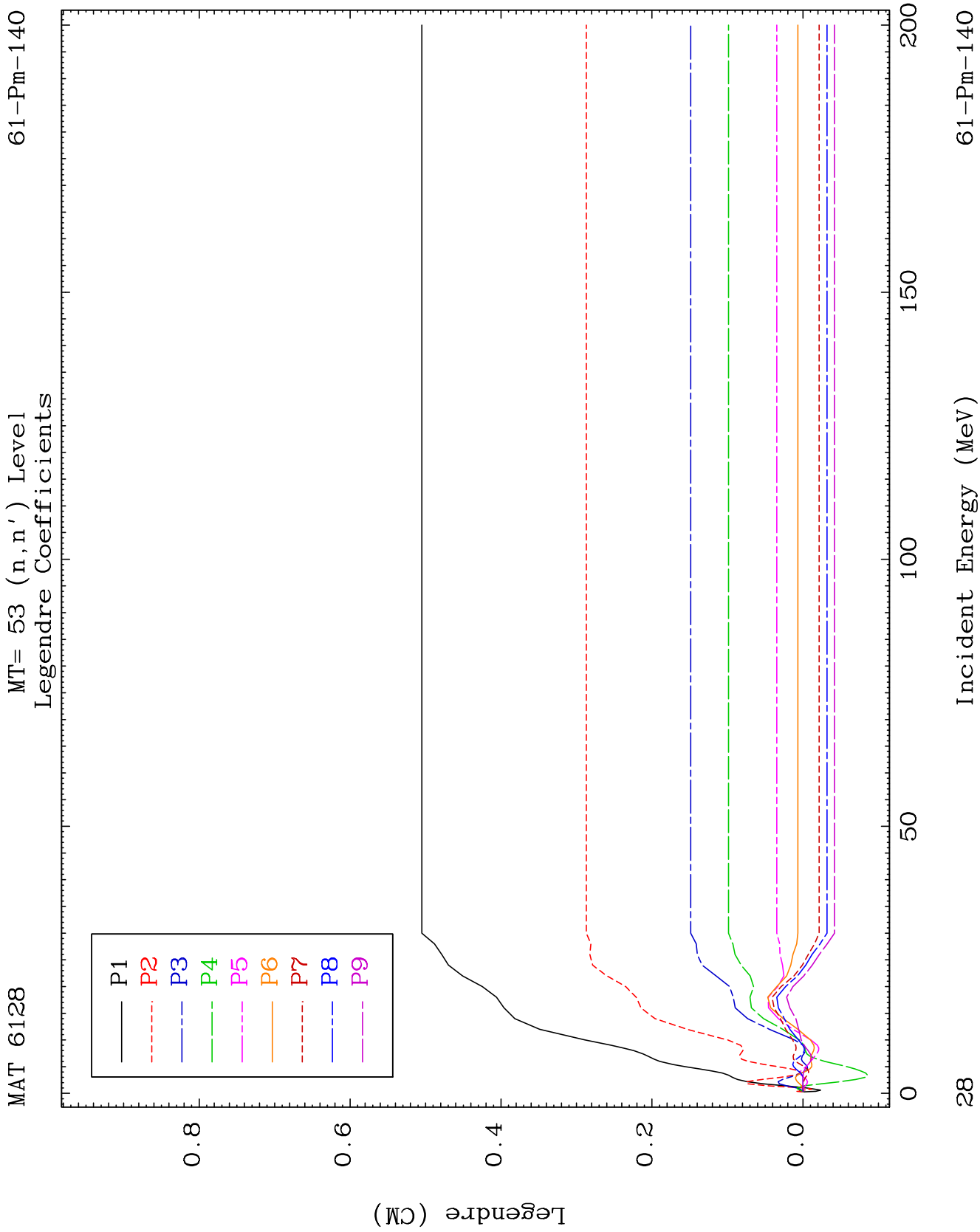


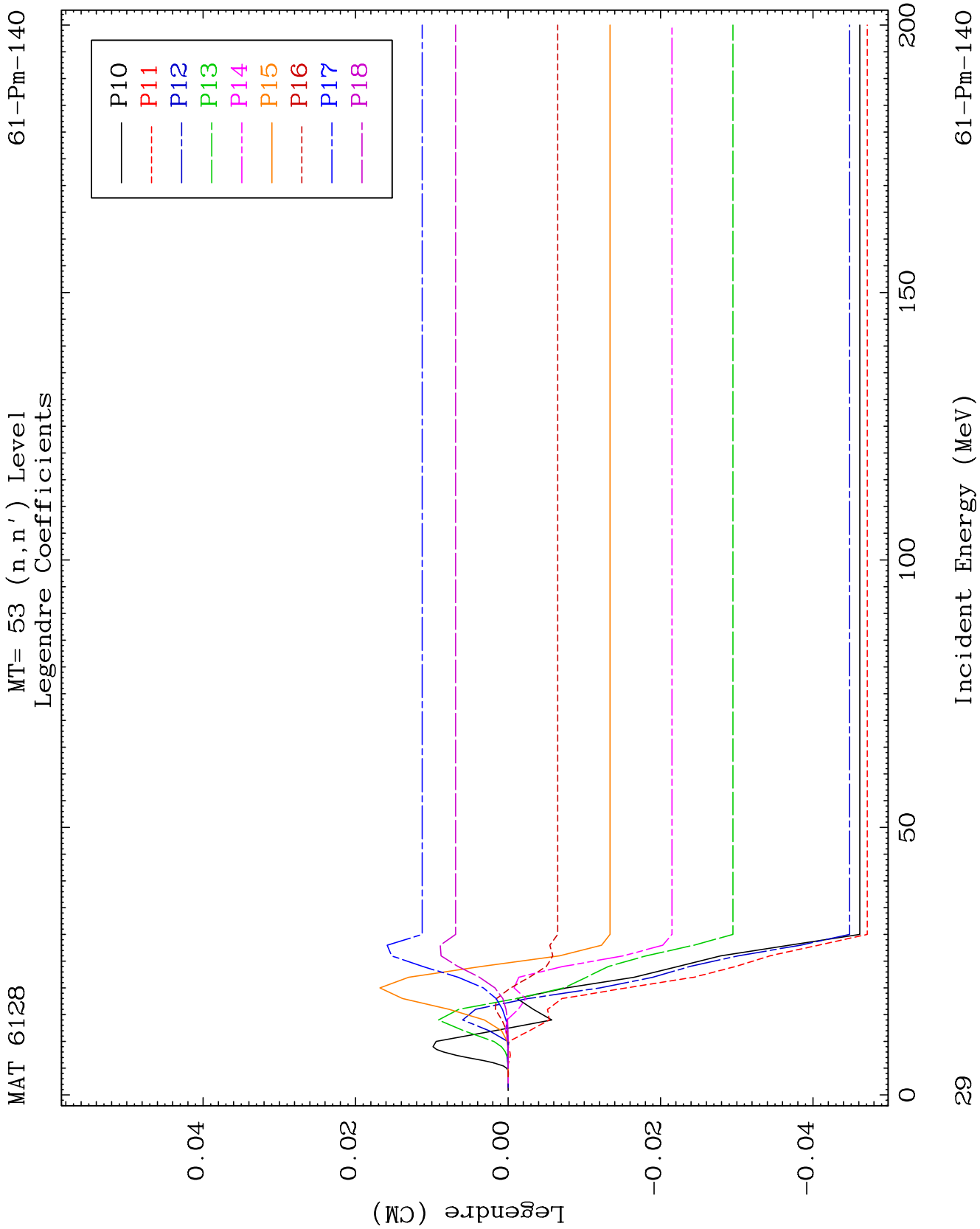


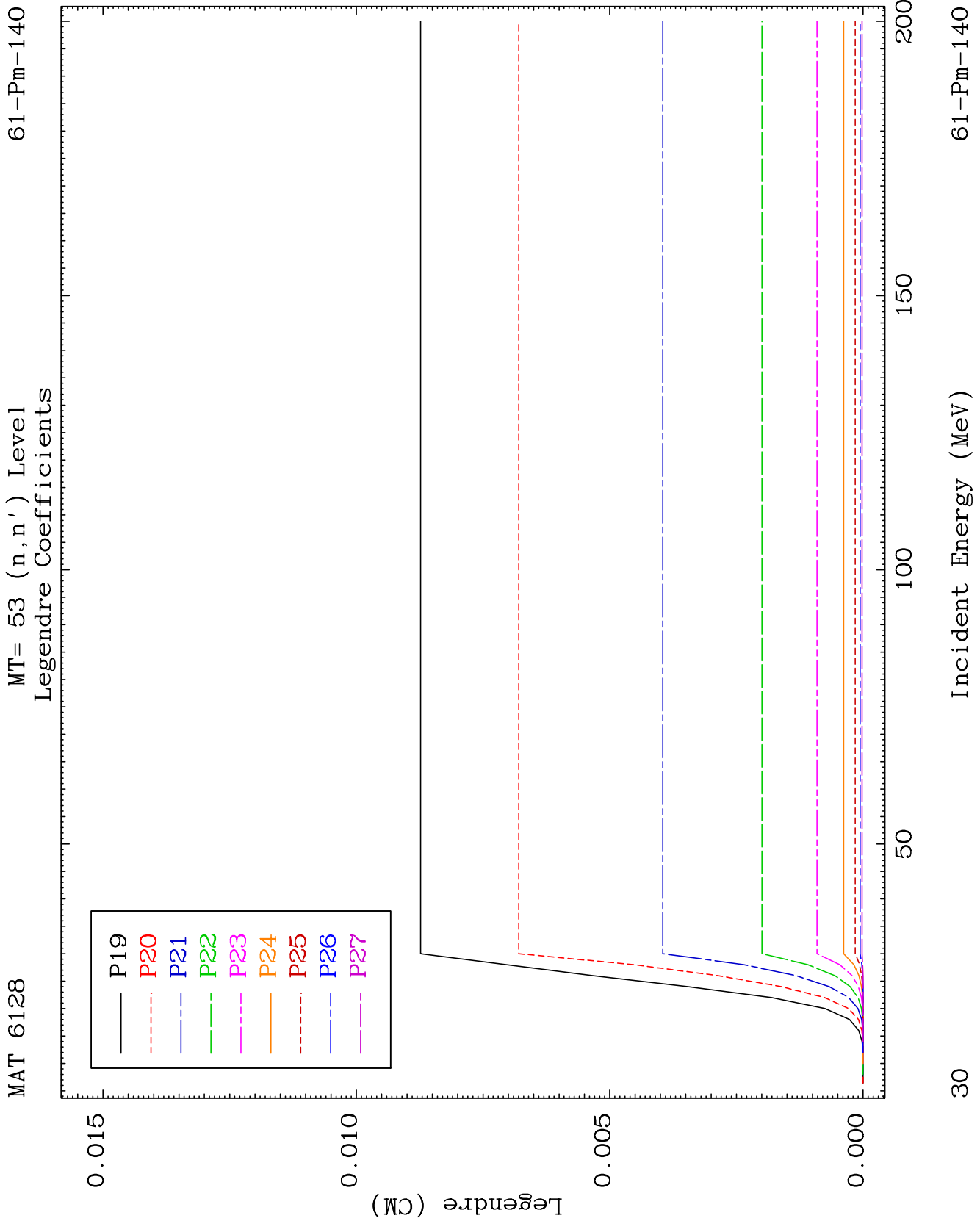


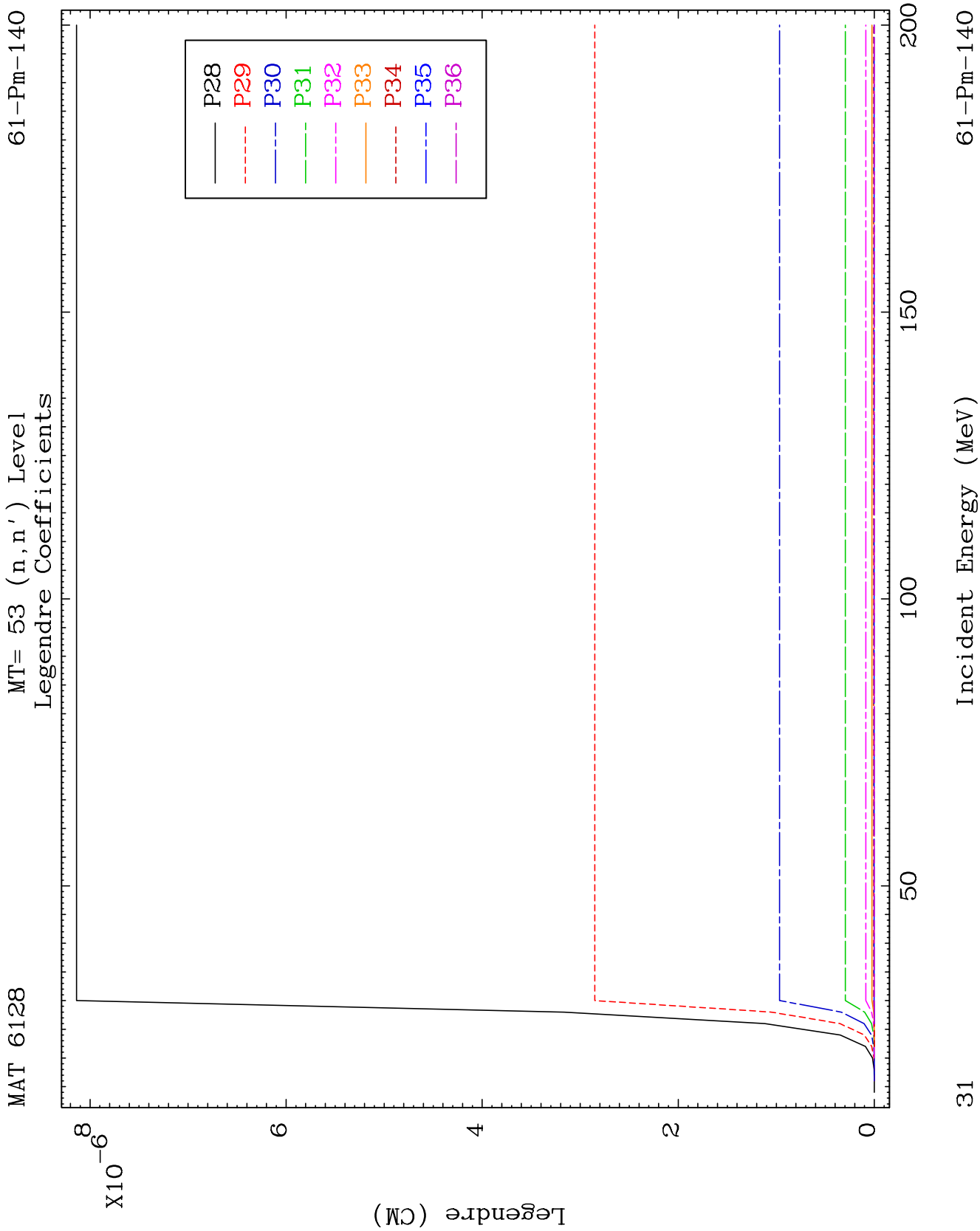


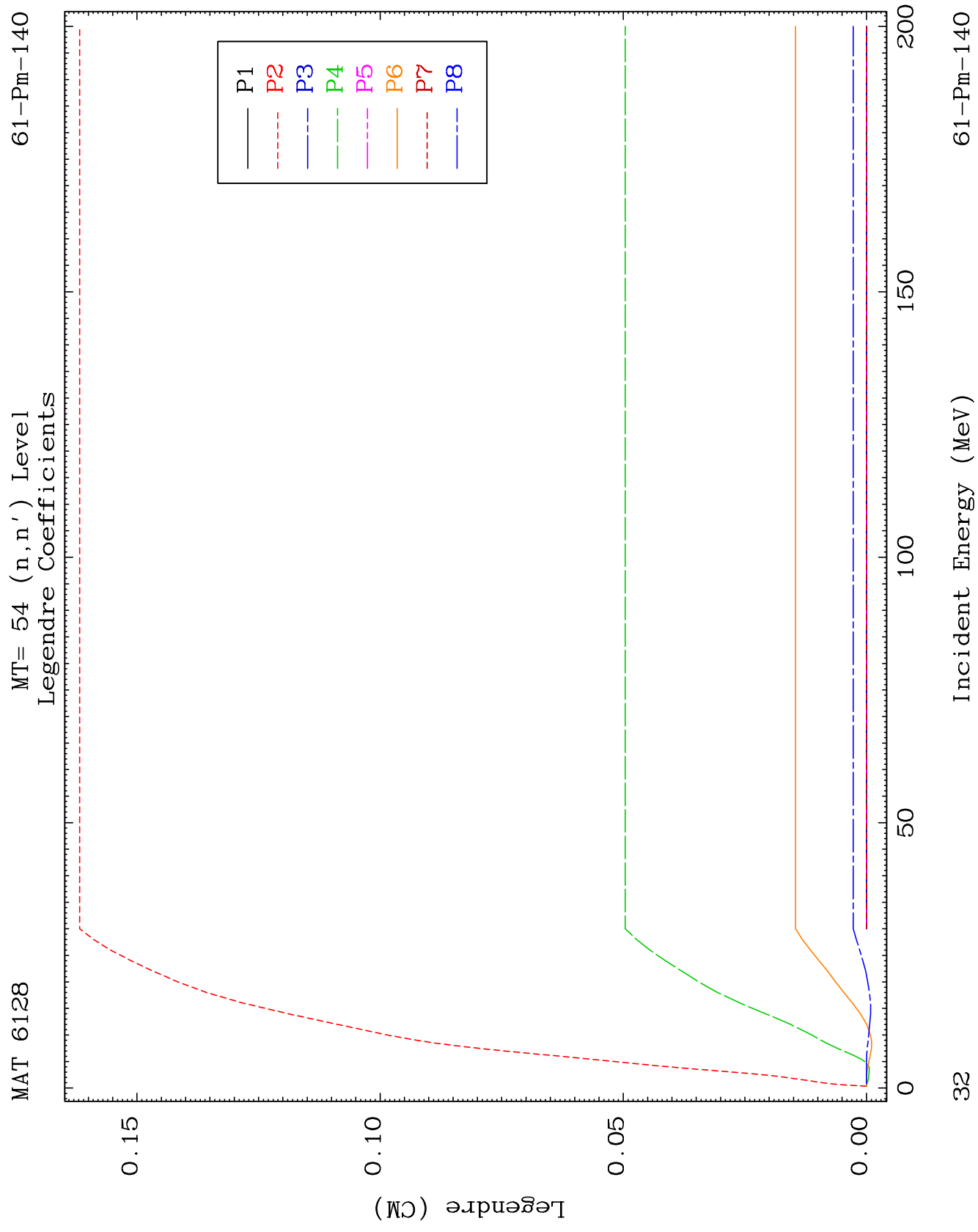


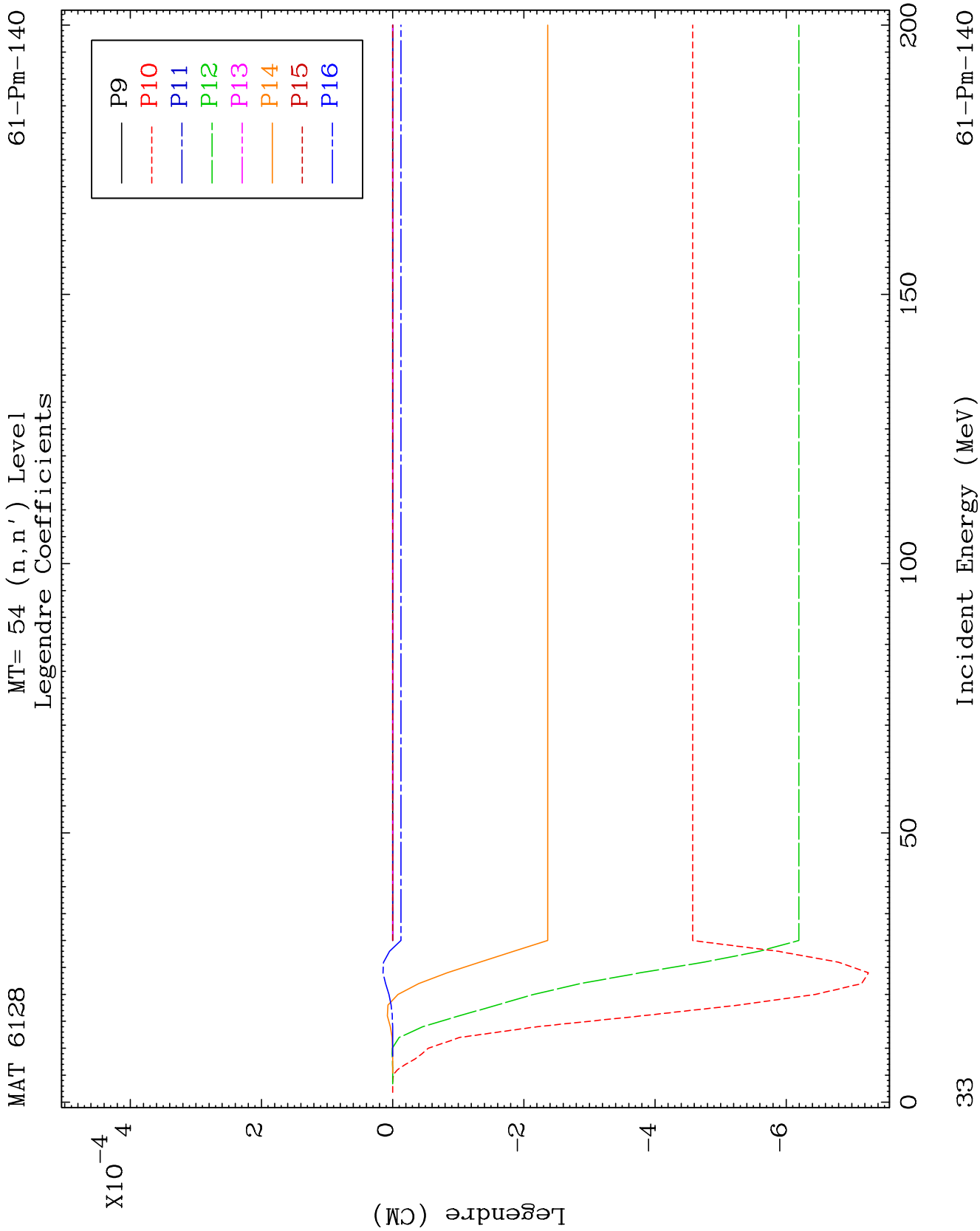


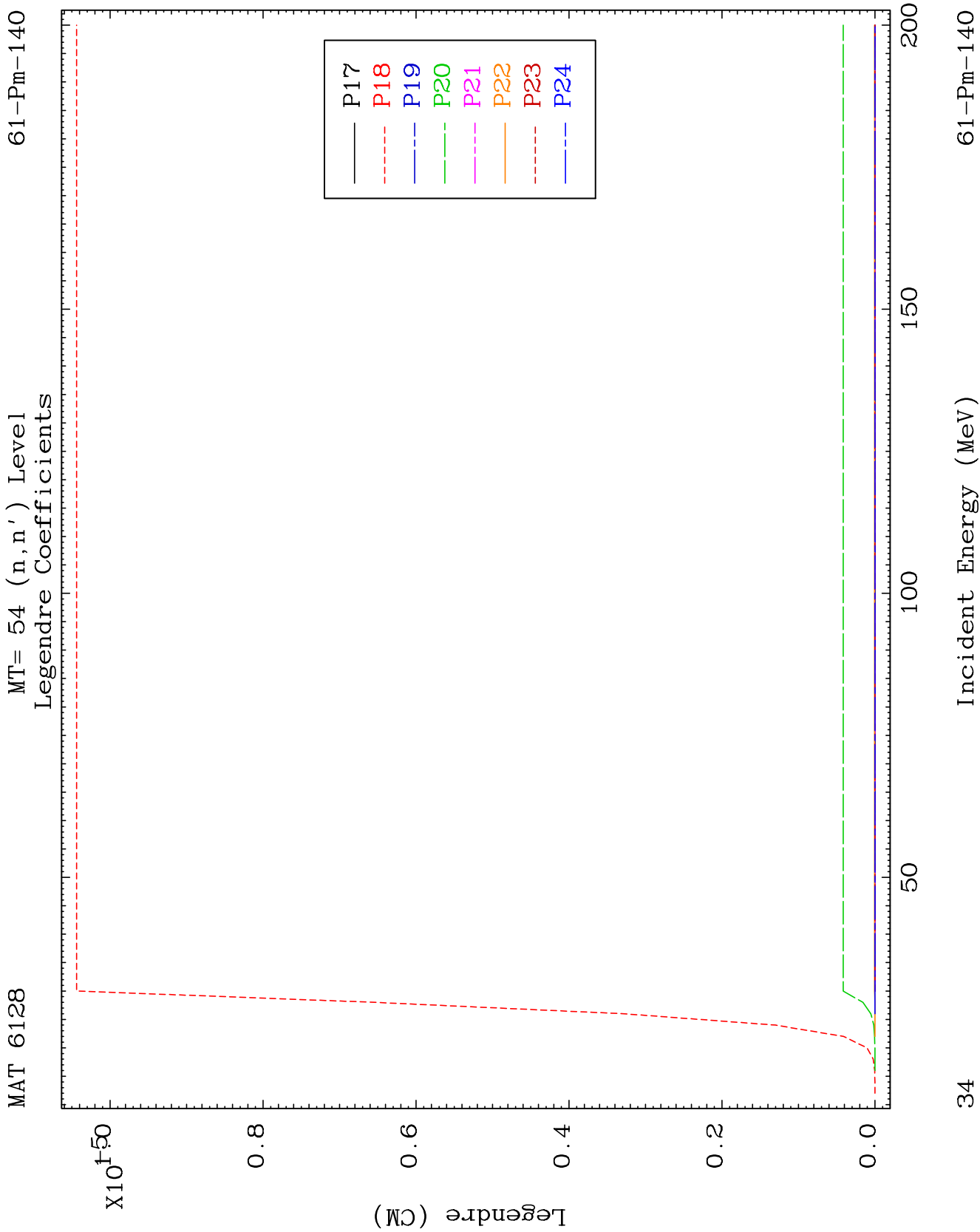


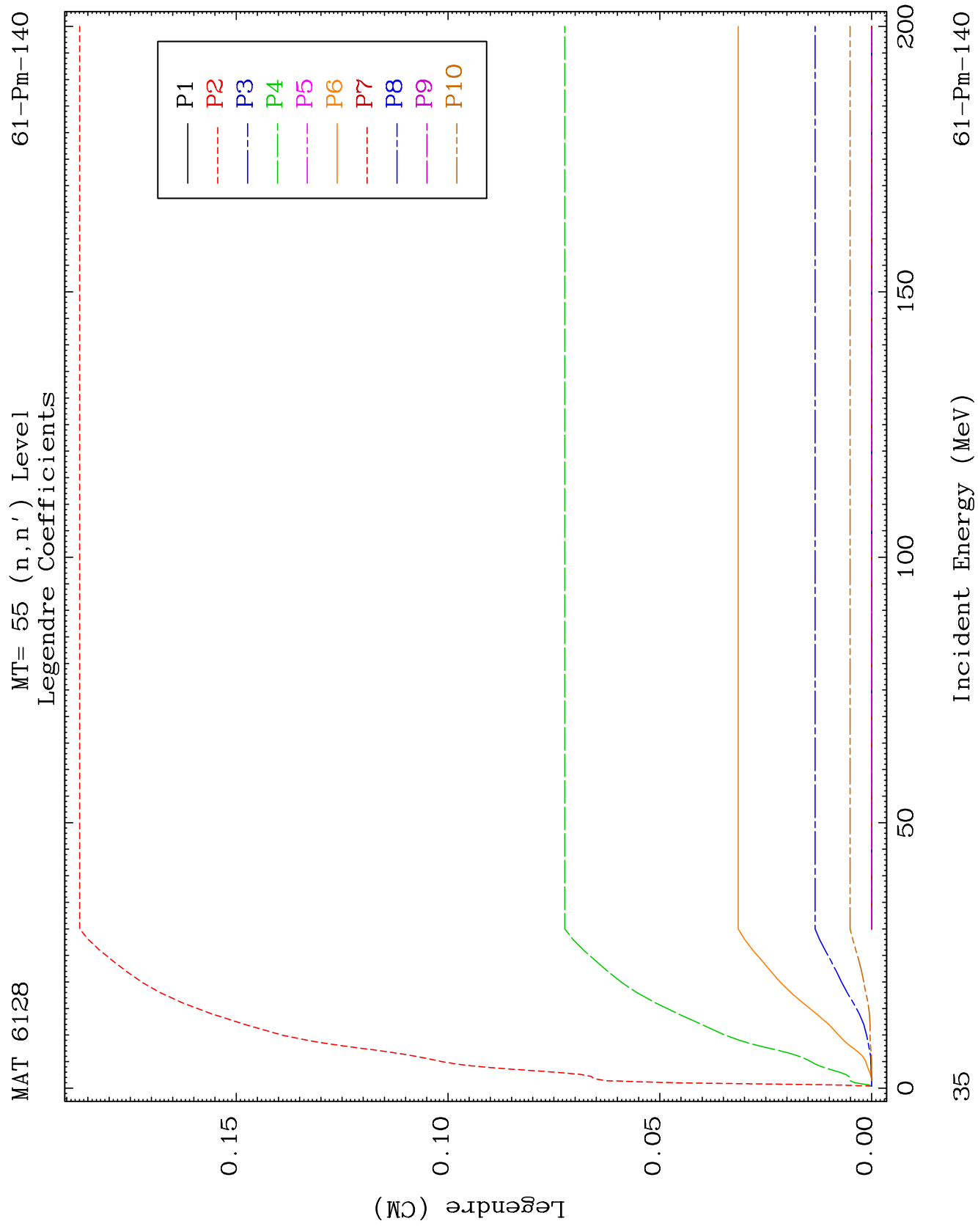


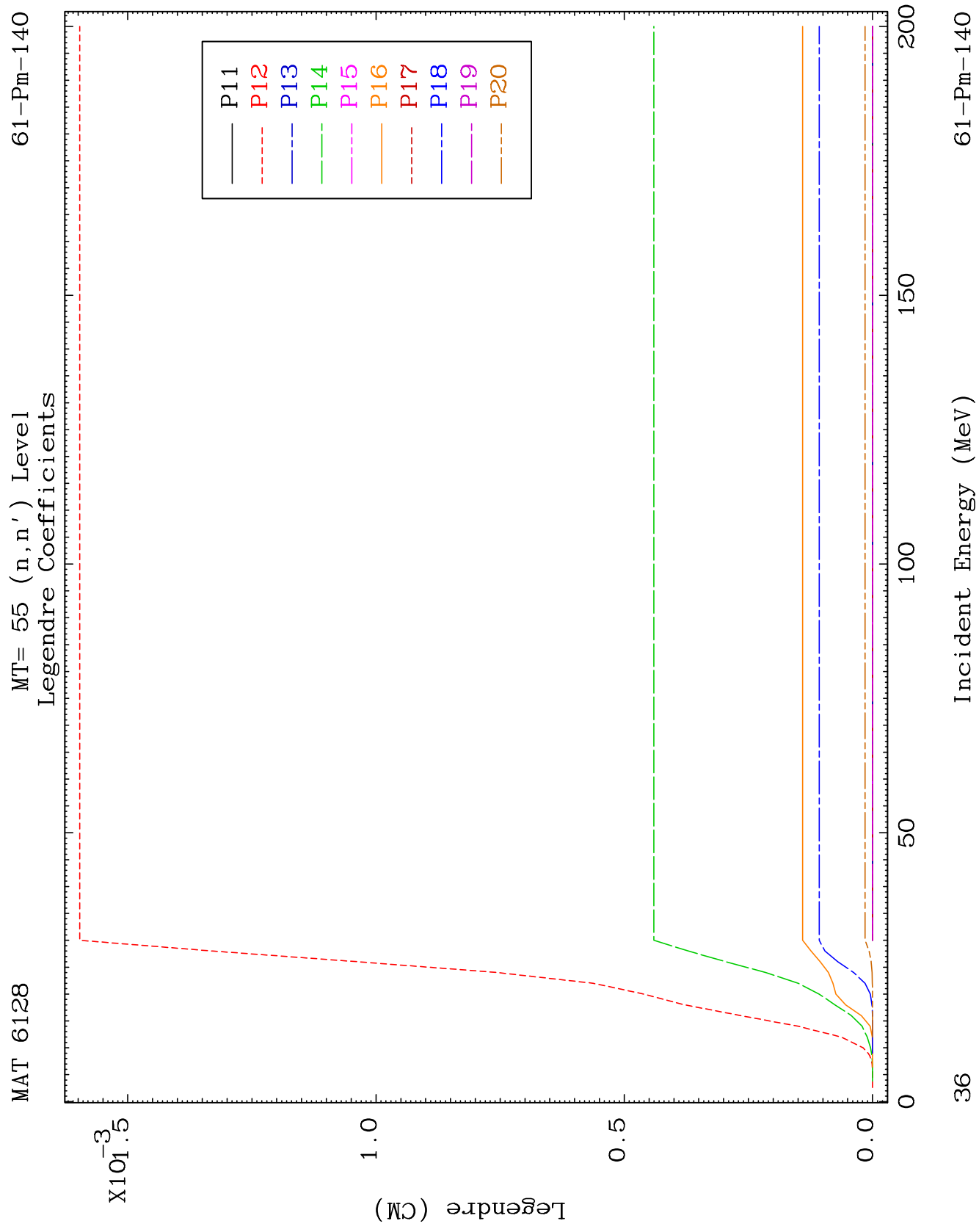


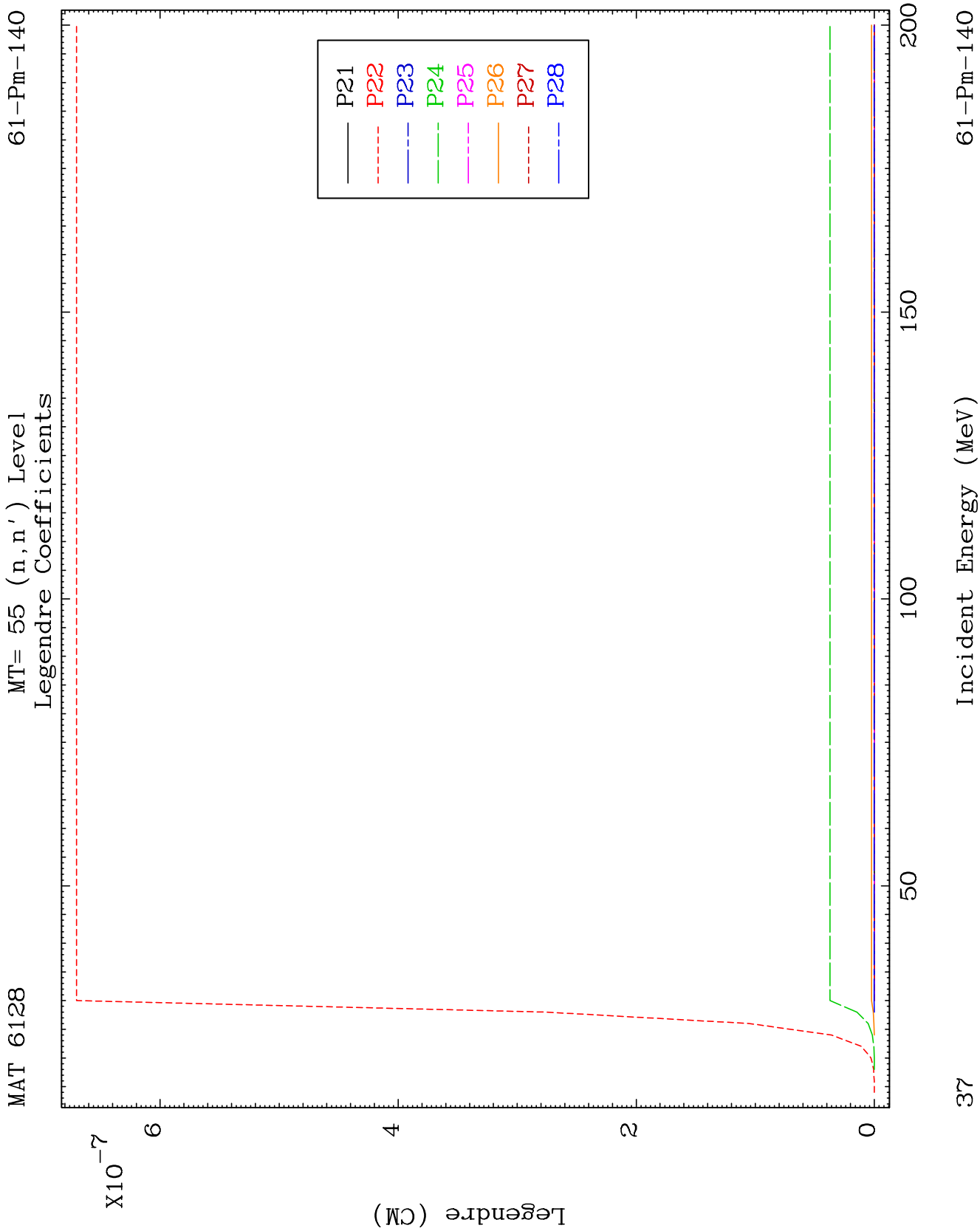








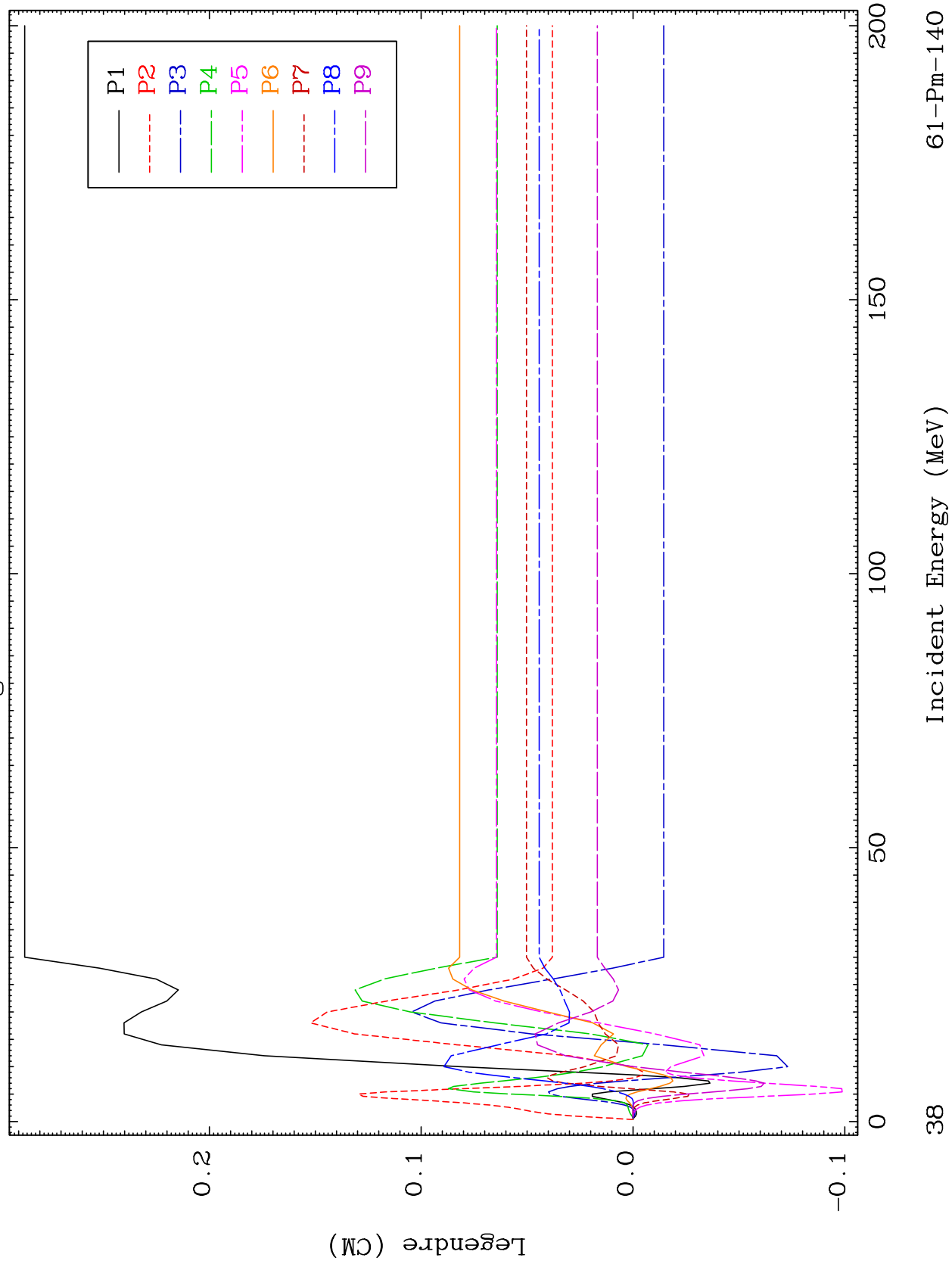


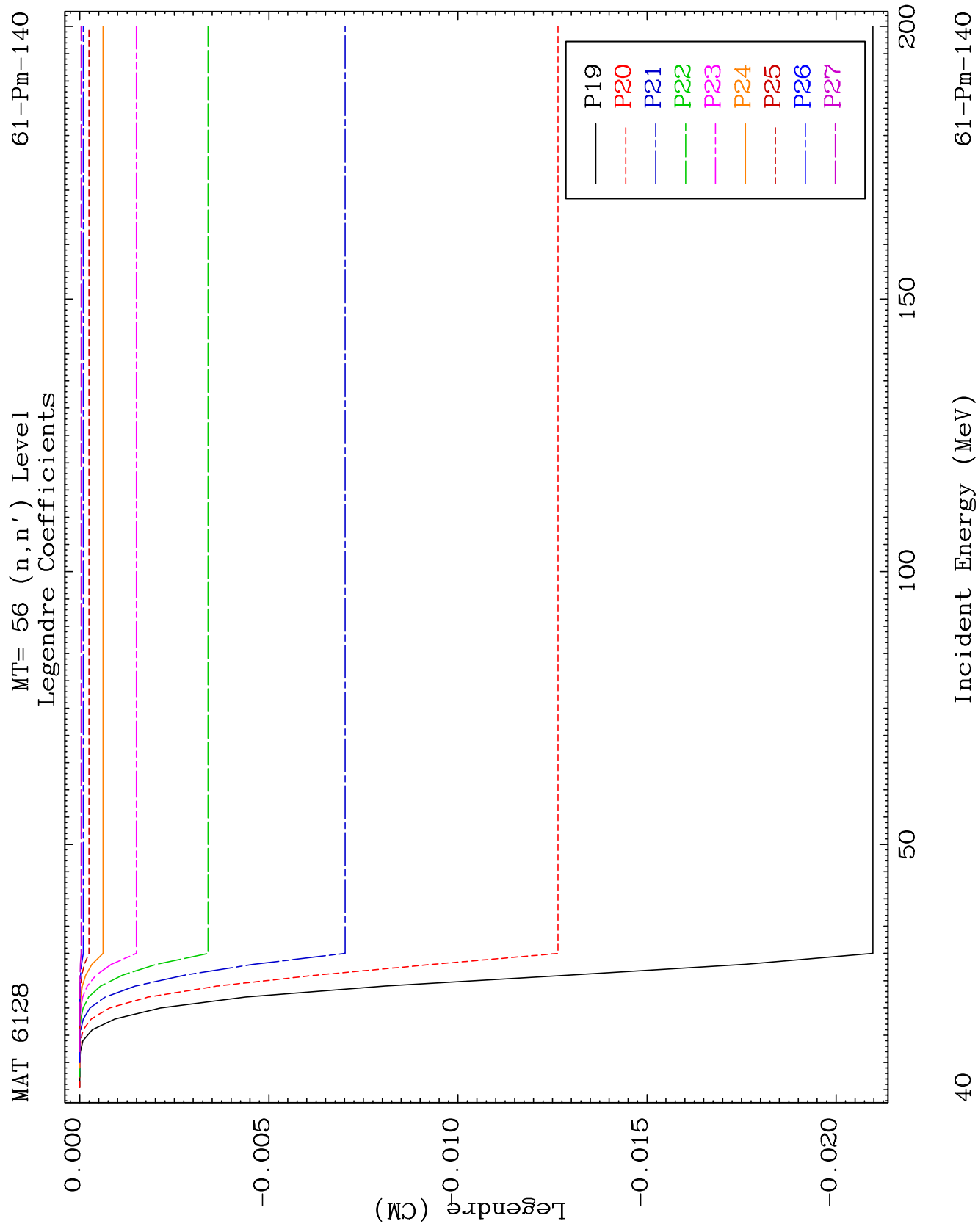


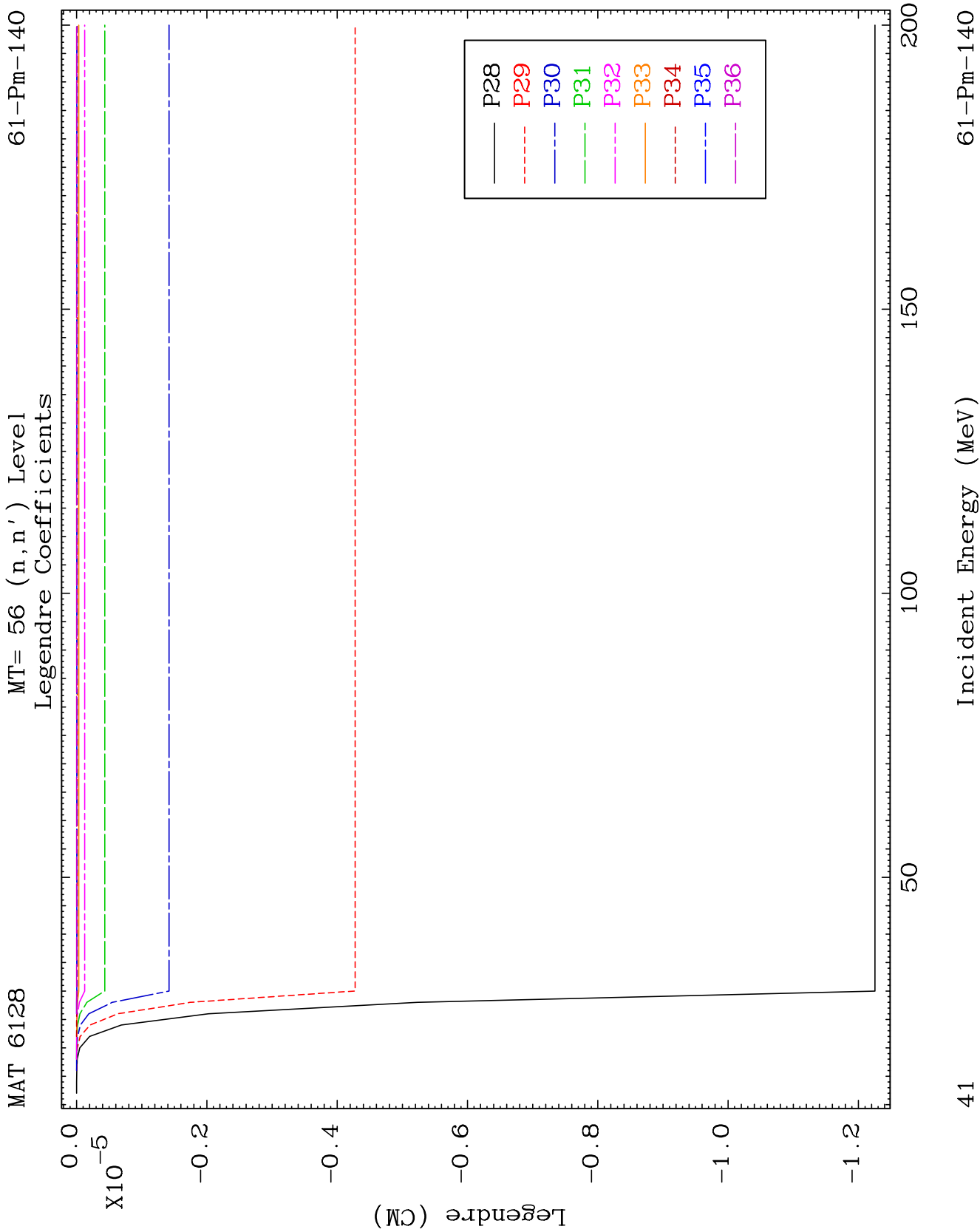
MAT 6128

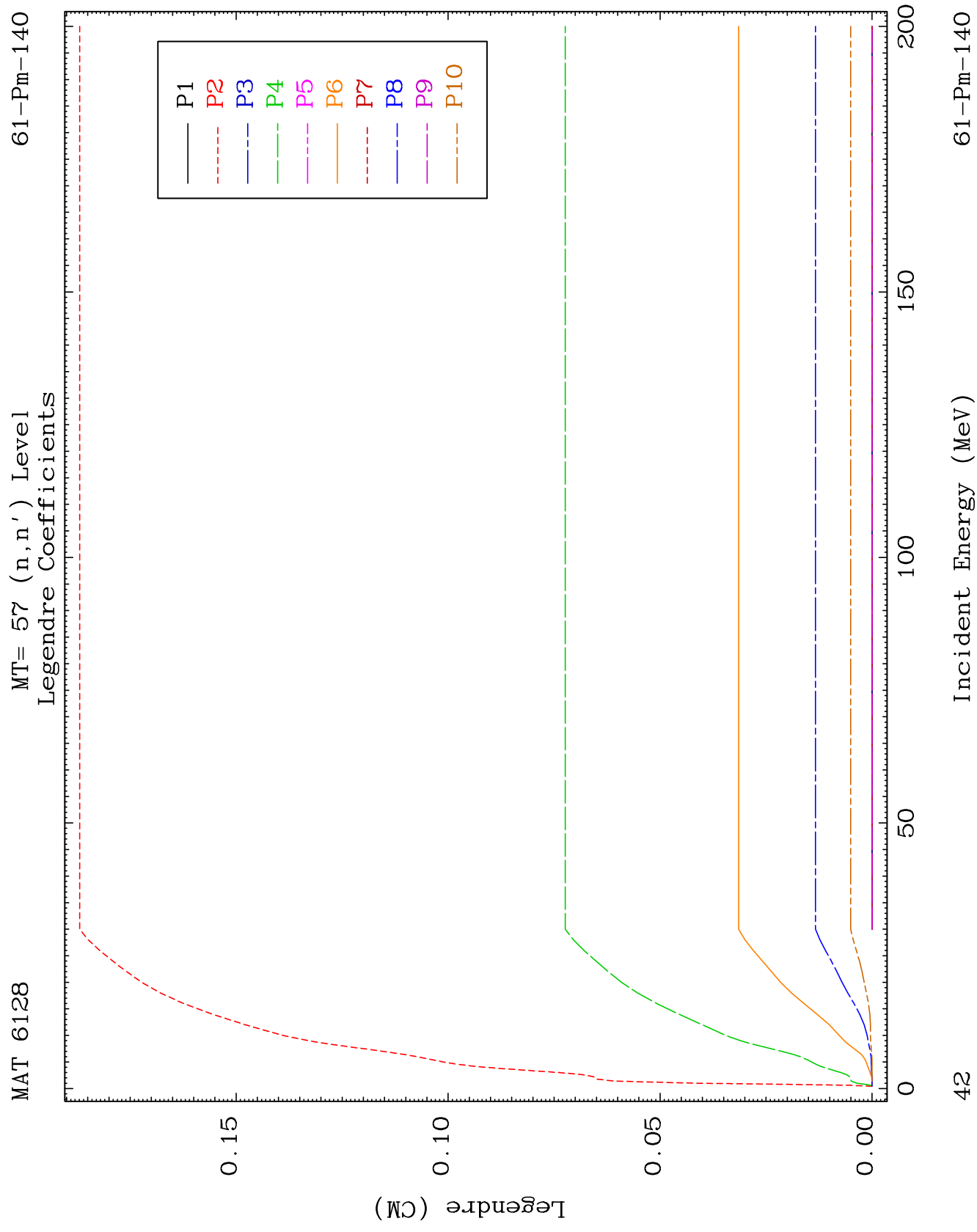
MT= 56 (n, n') Level
Legendre Coefficients

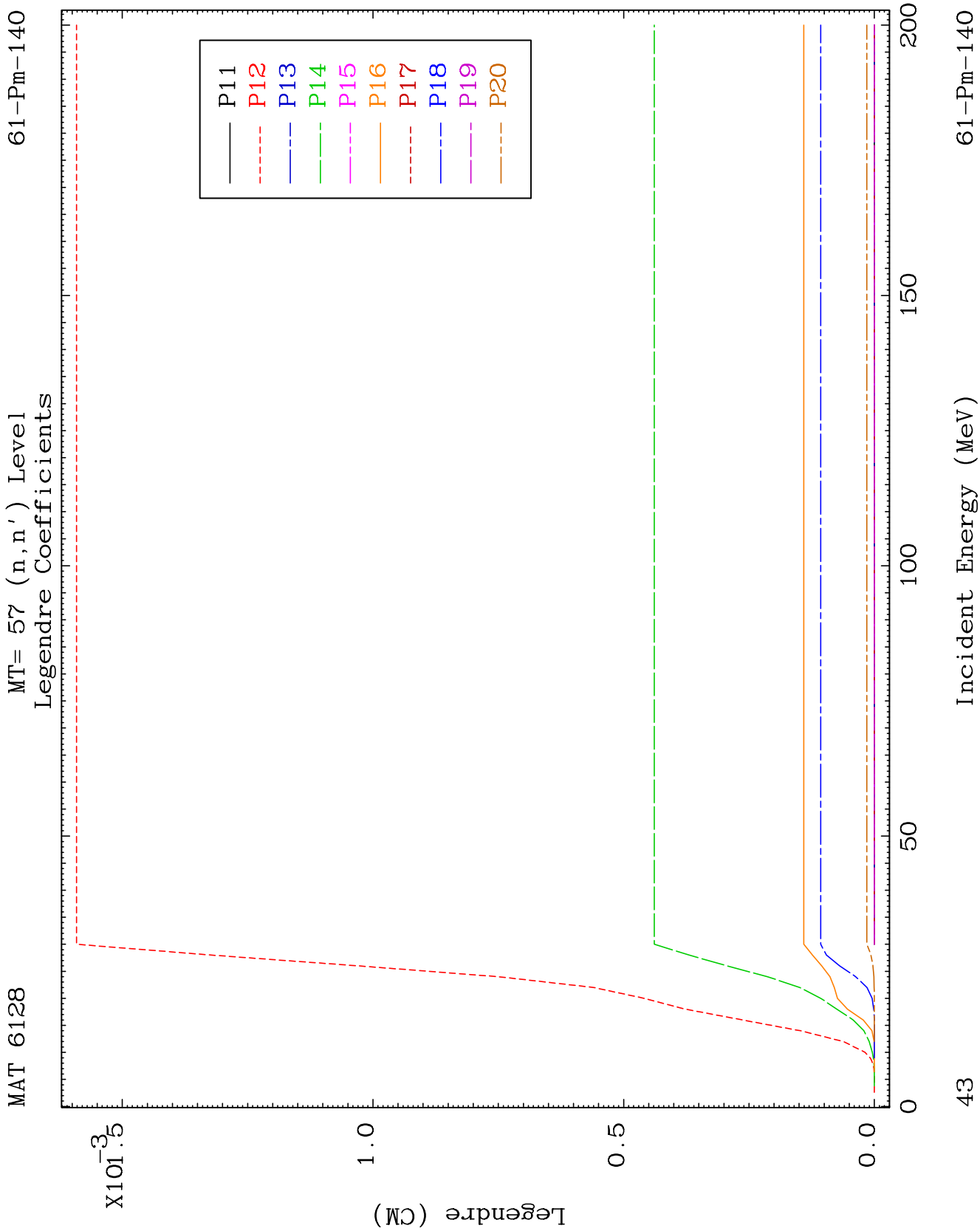
61-Pm-140

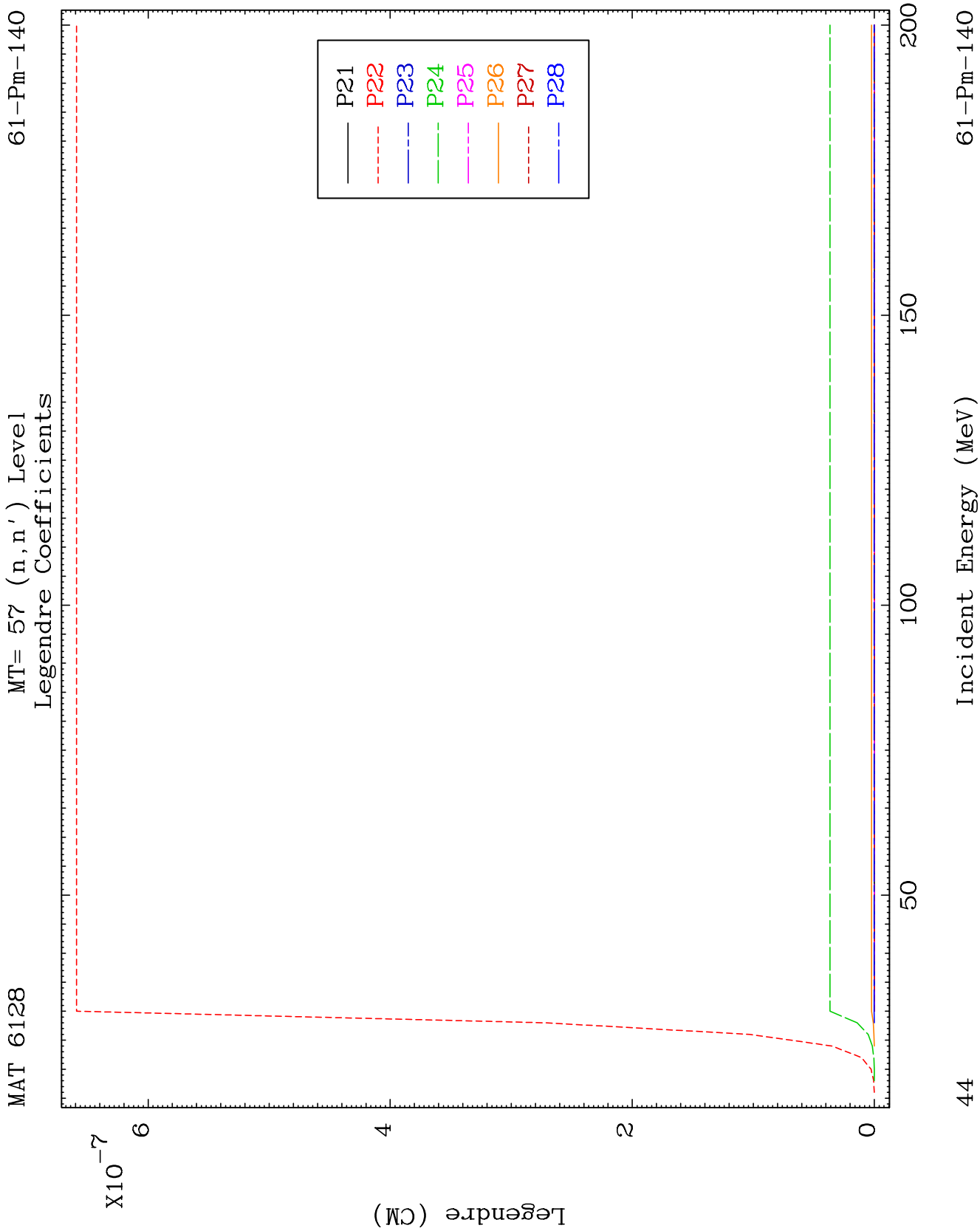


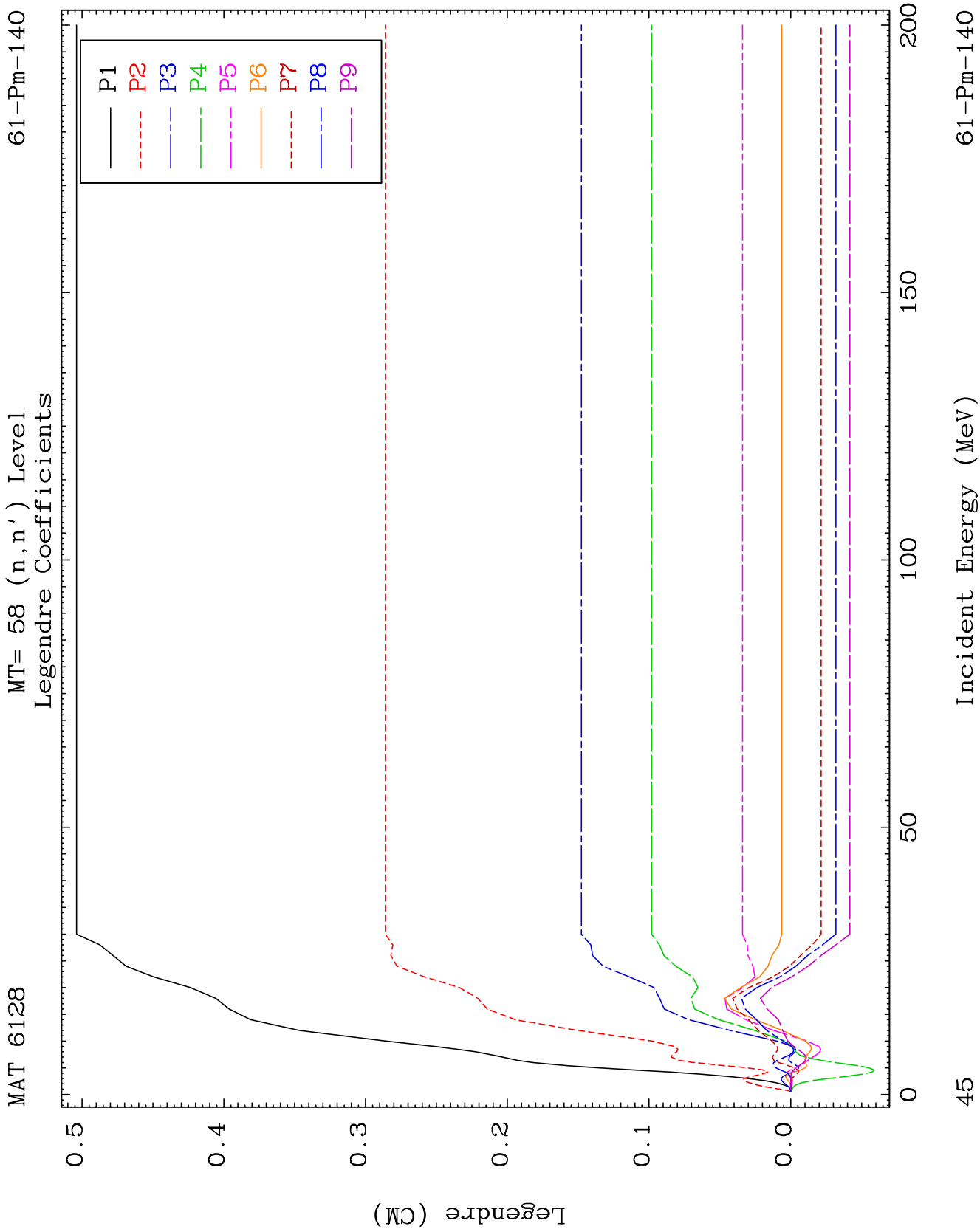


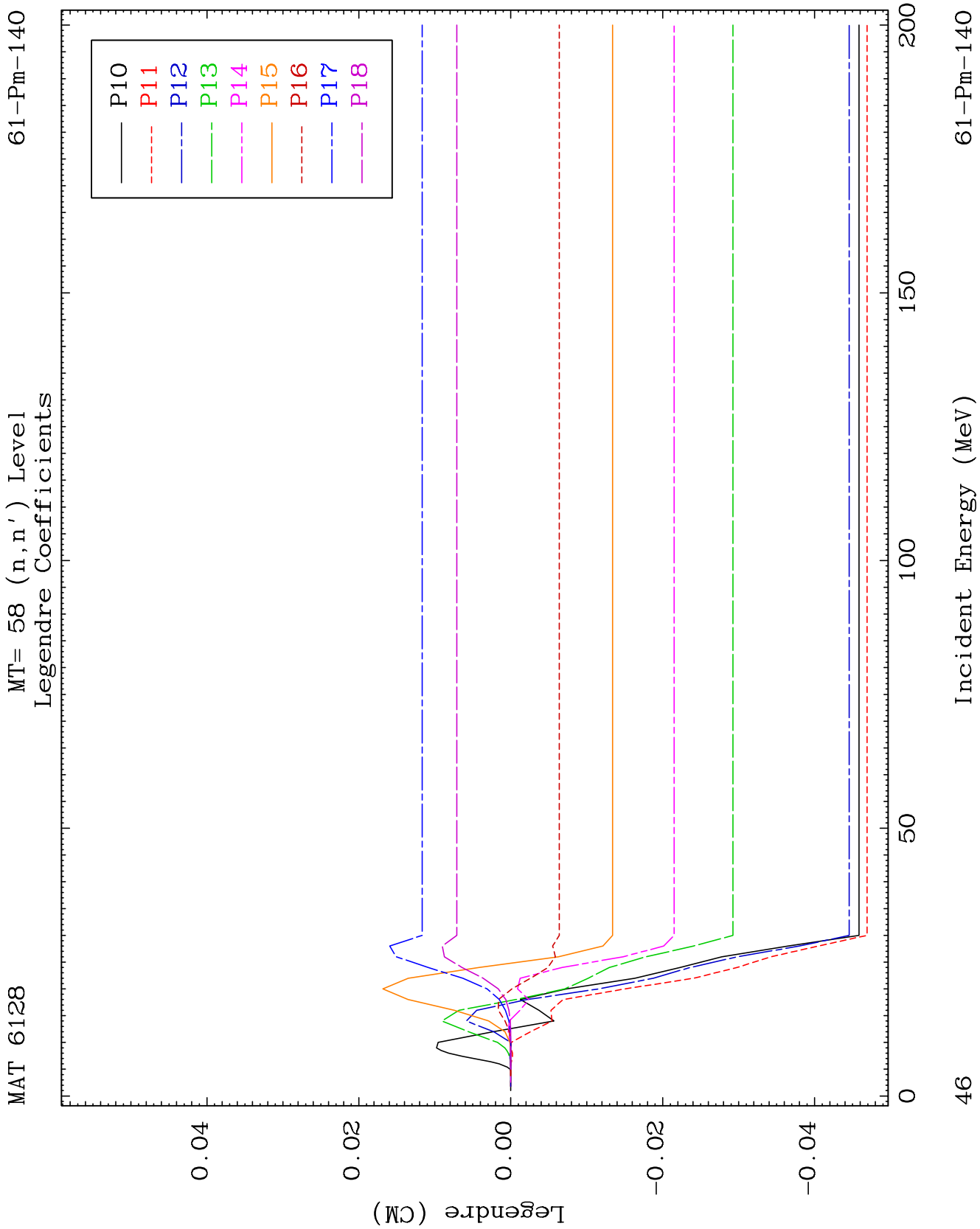








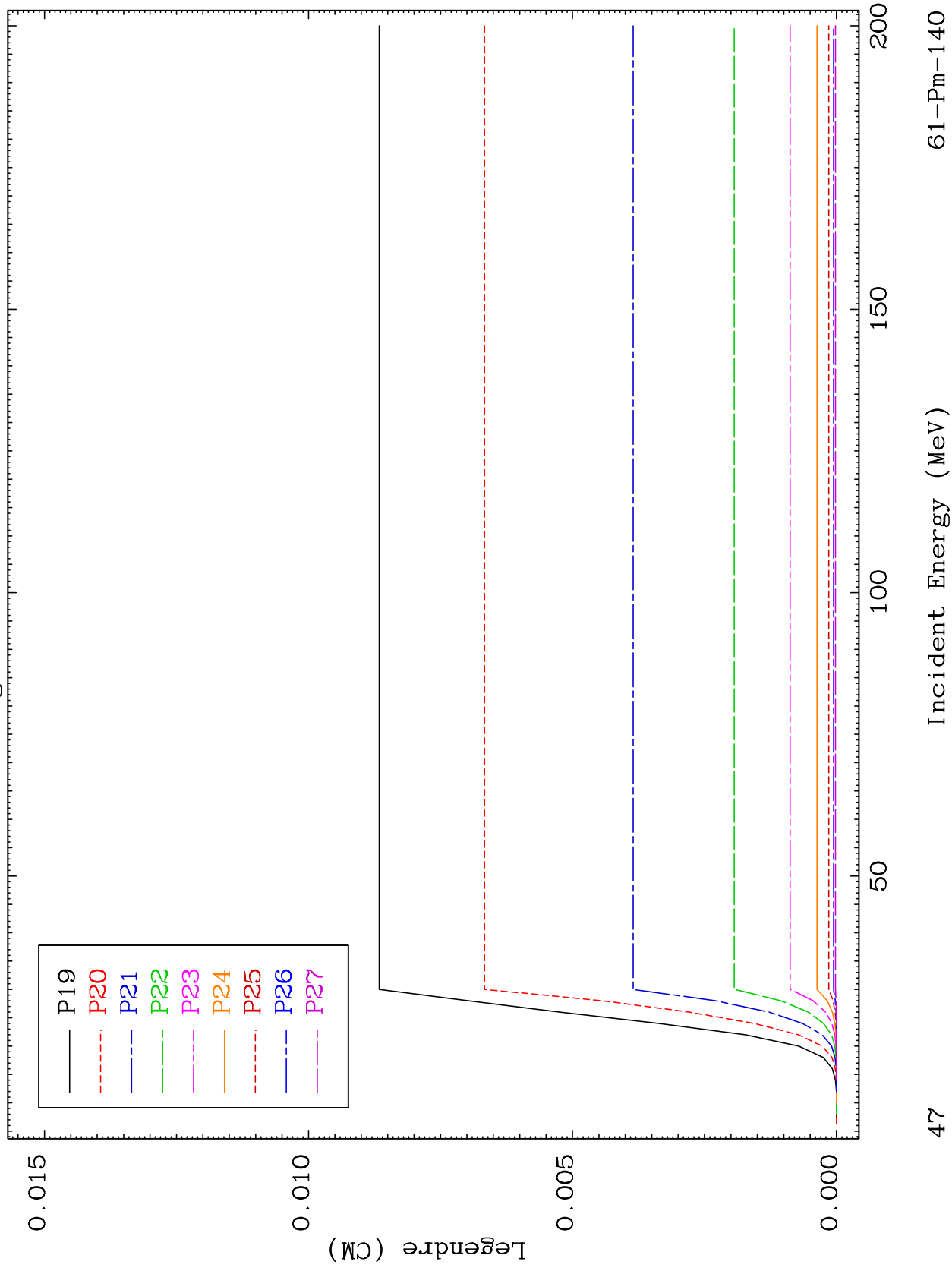


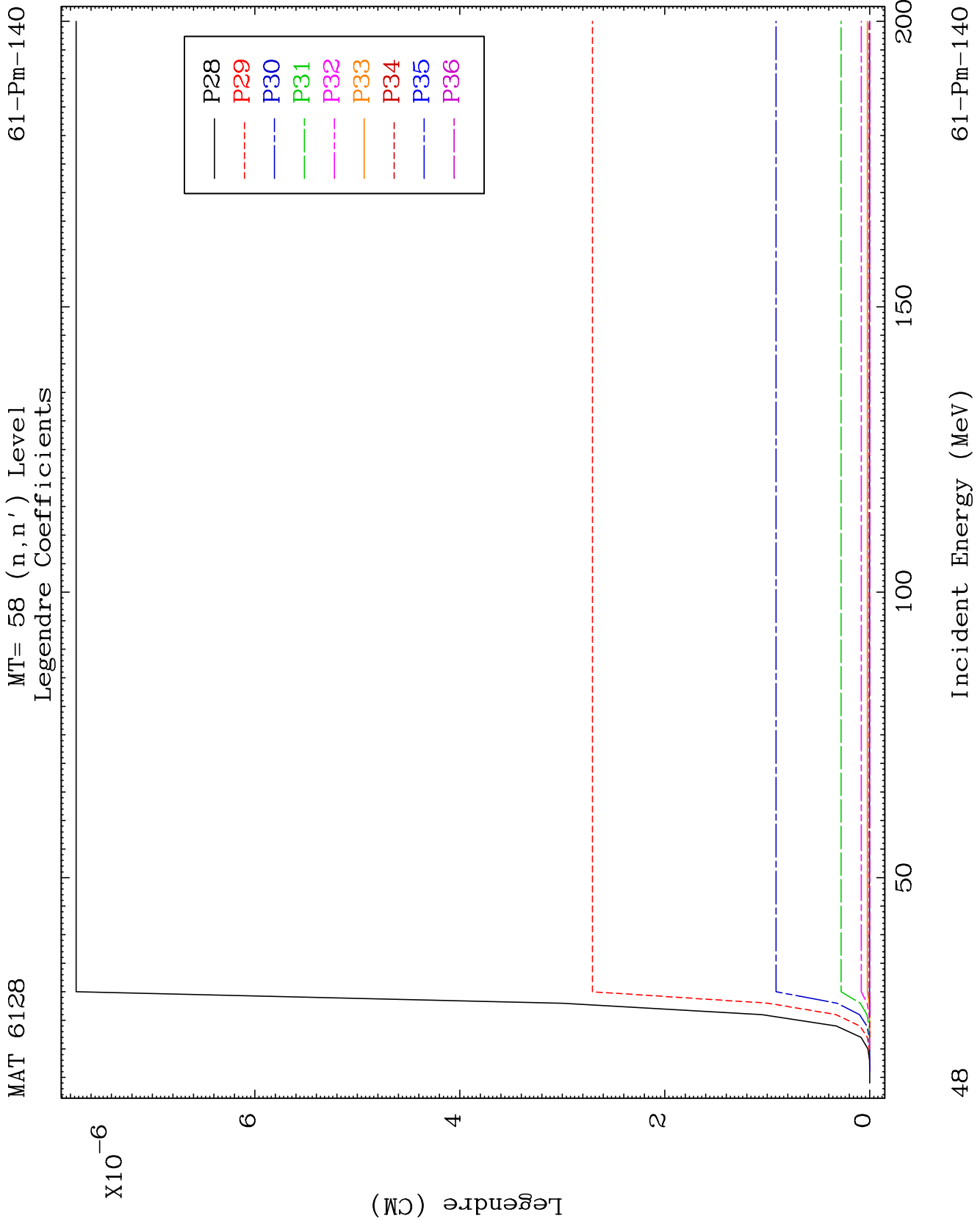


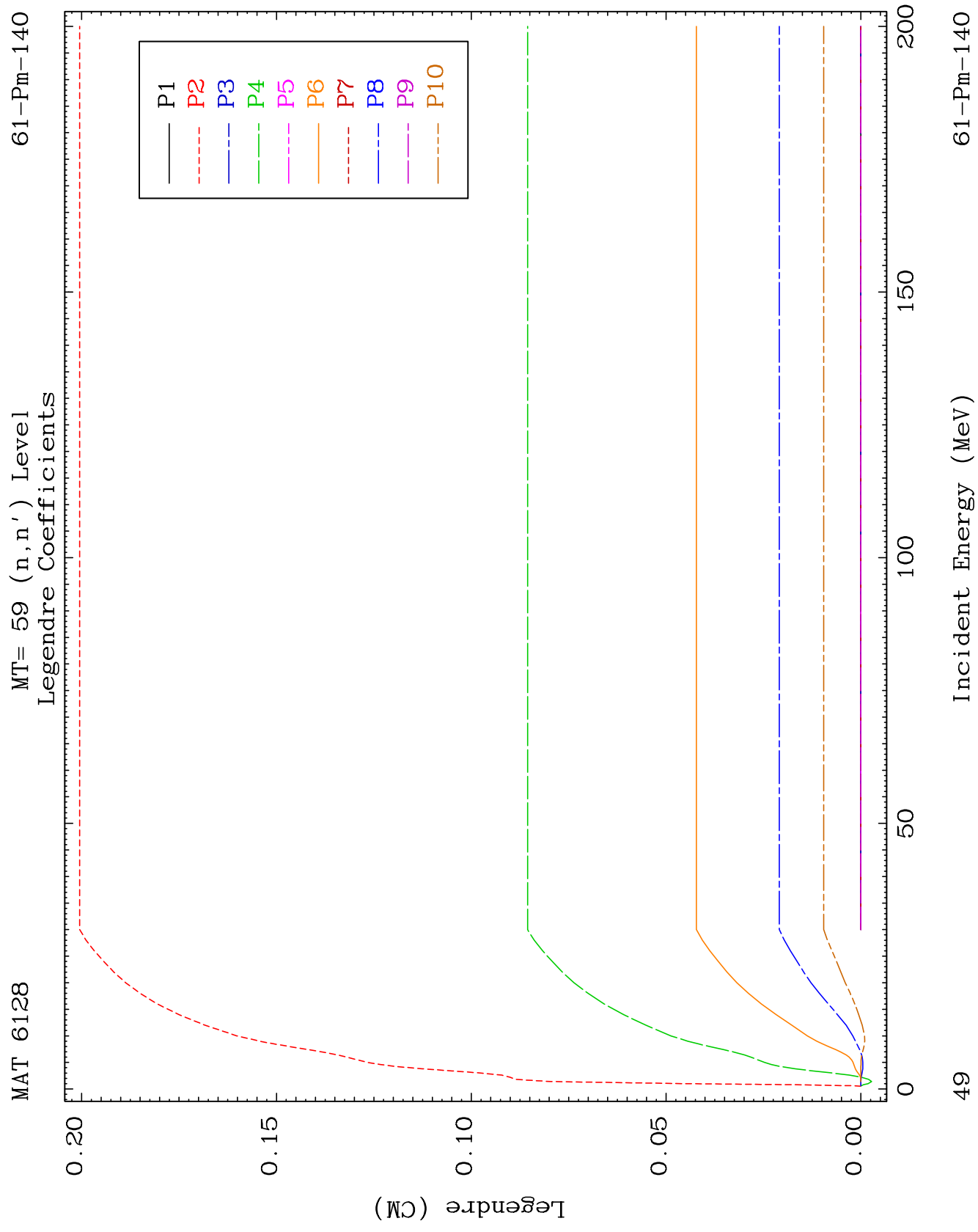
MAT 6128

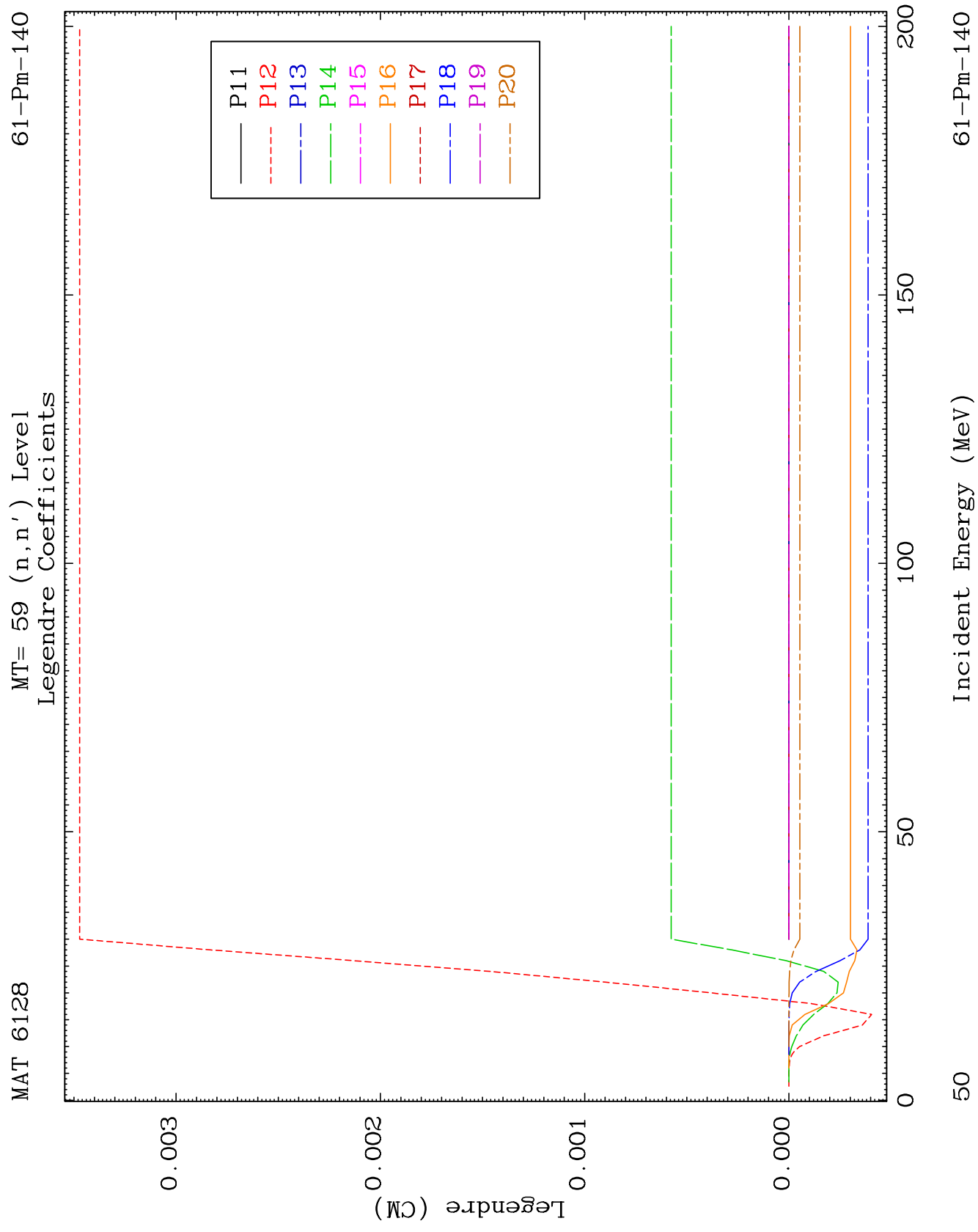
MT= 58 (n, n') Level
Legendre Coefficients

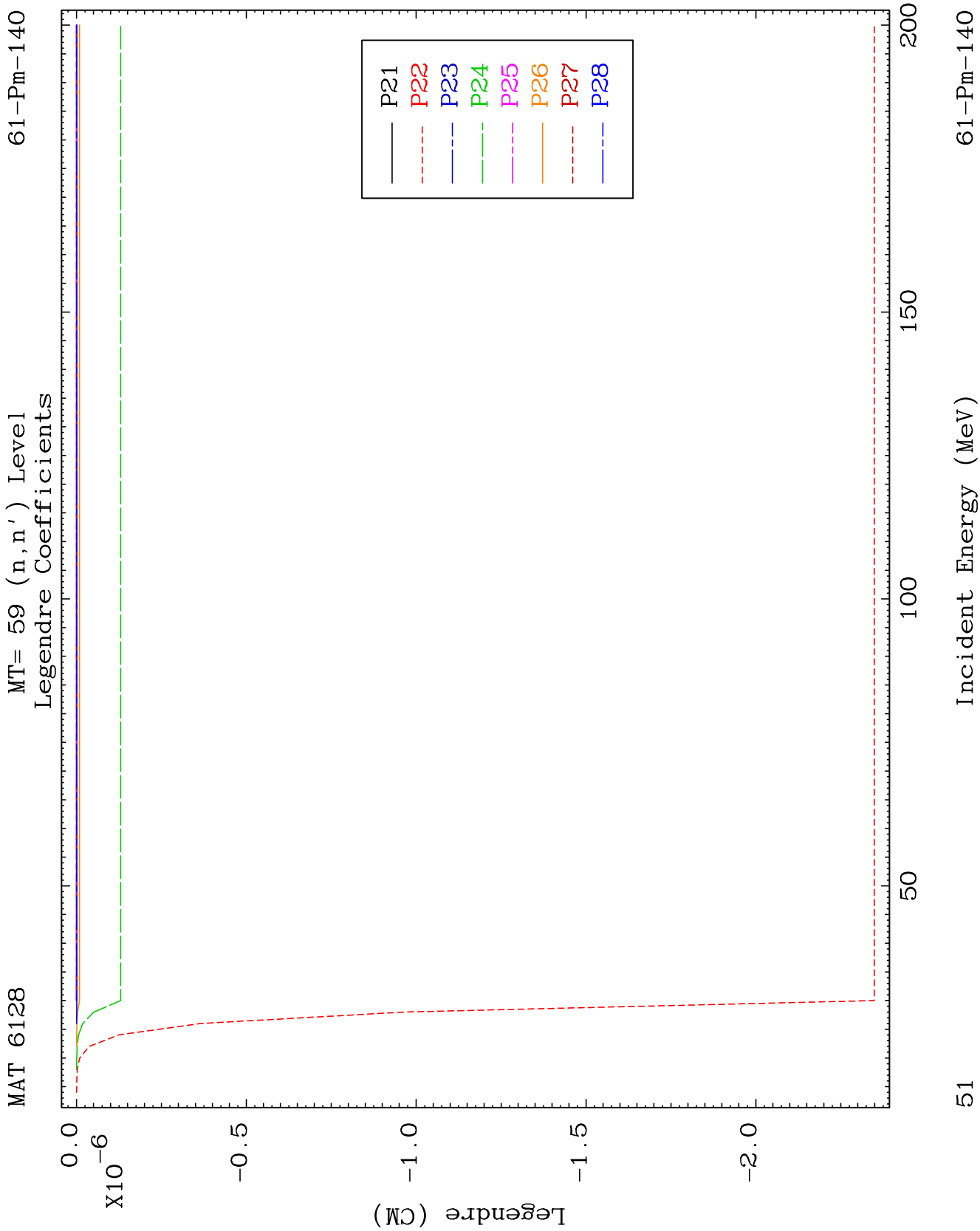
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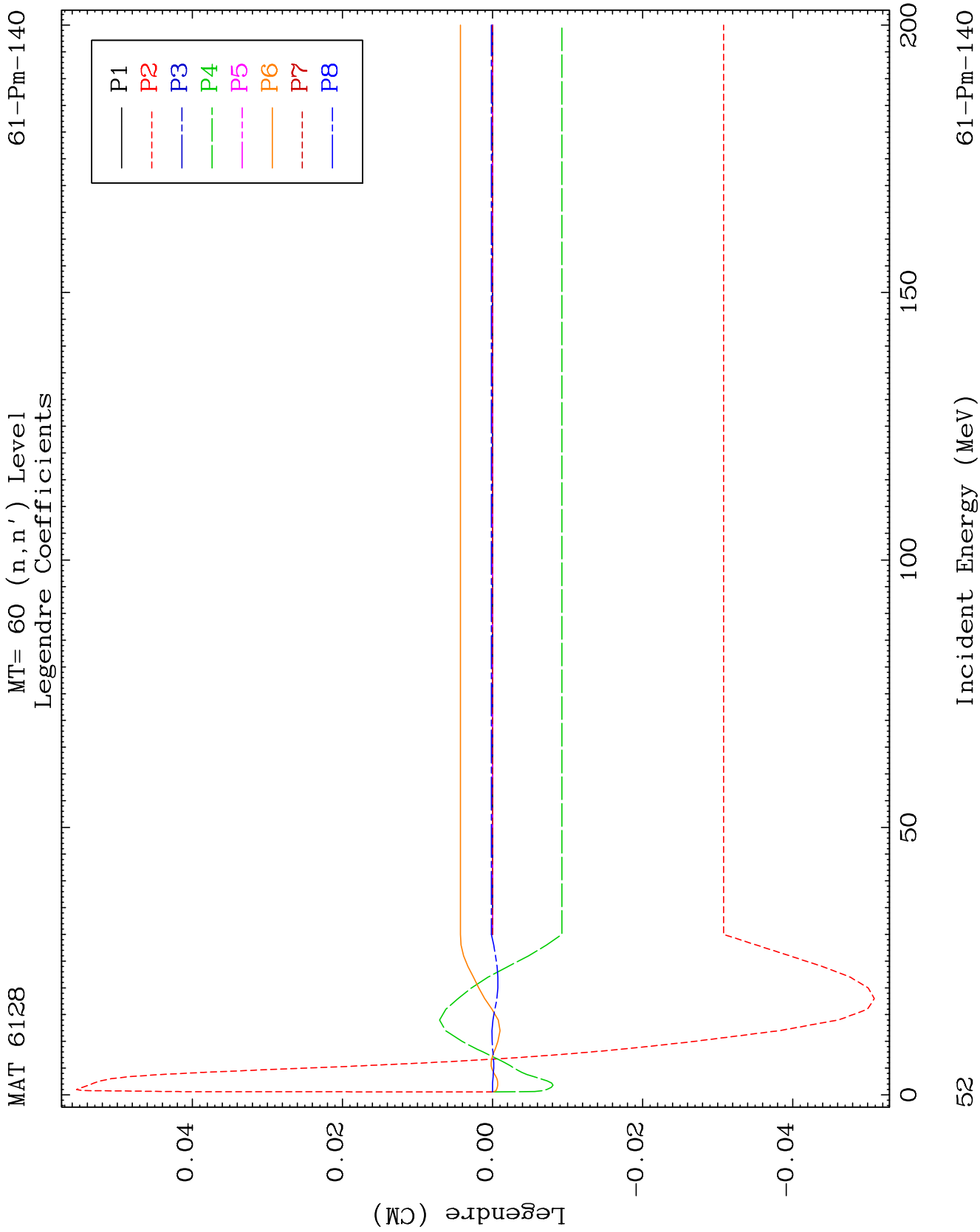


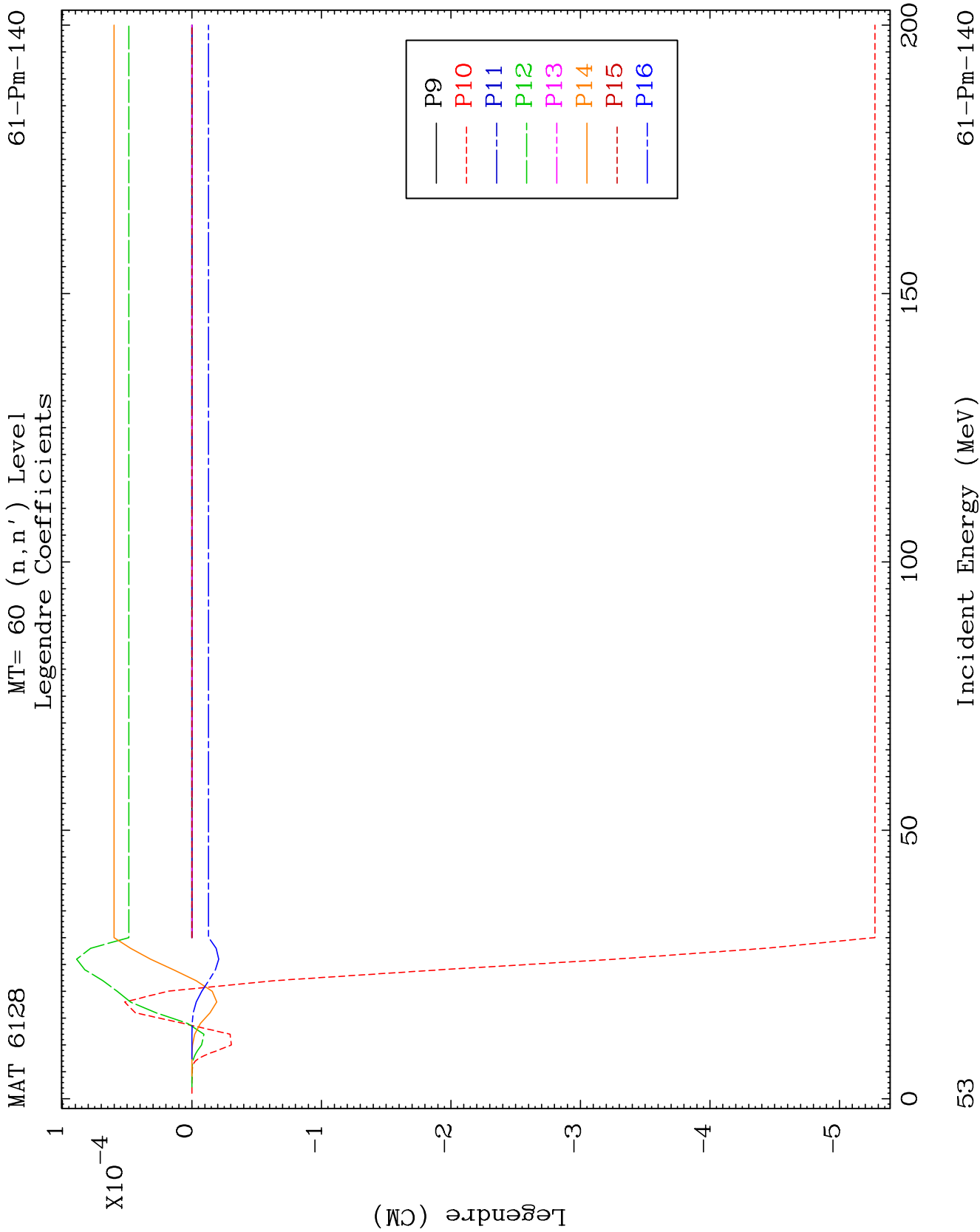


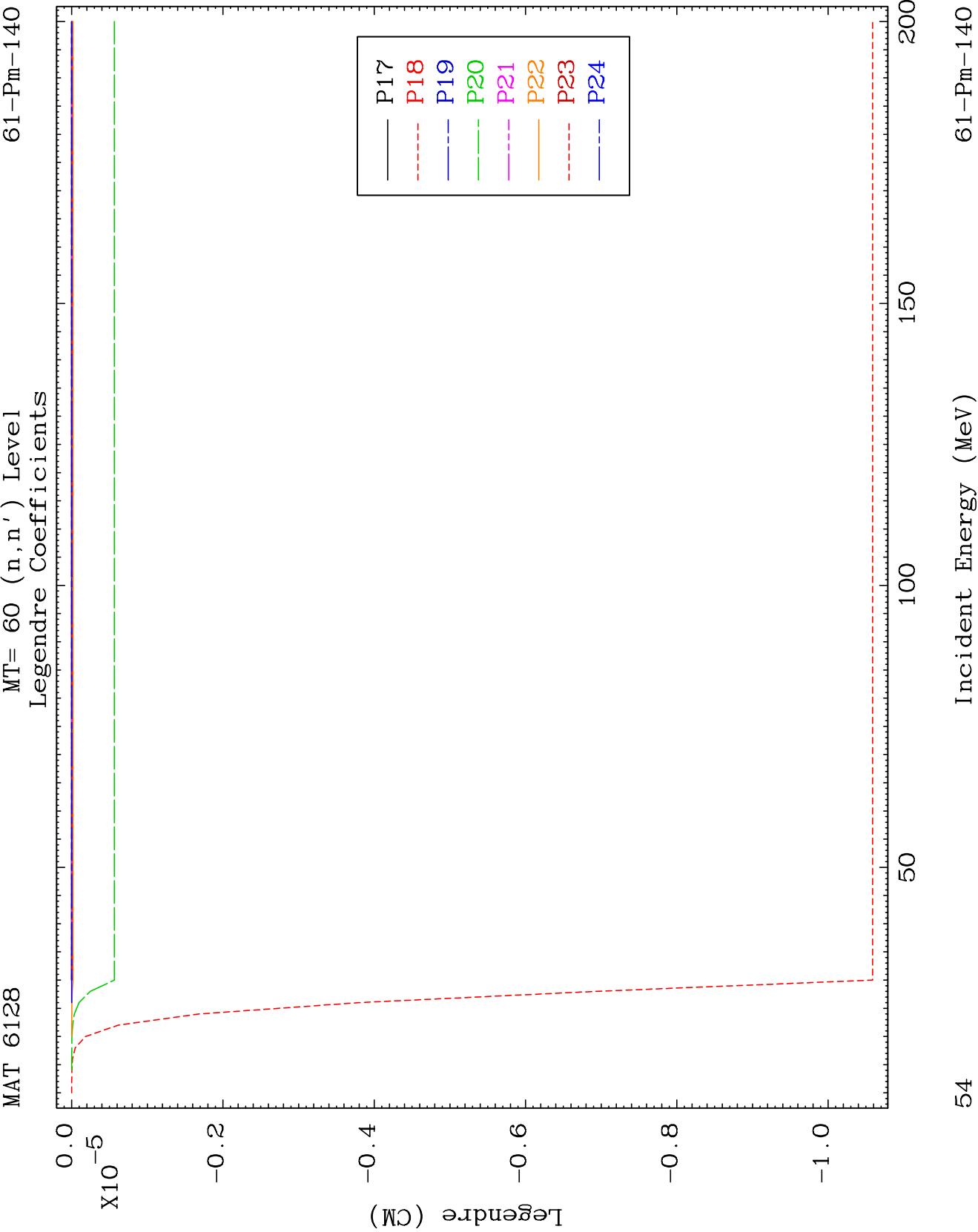


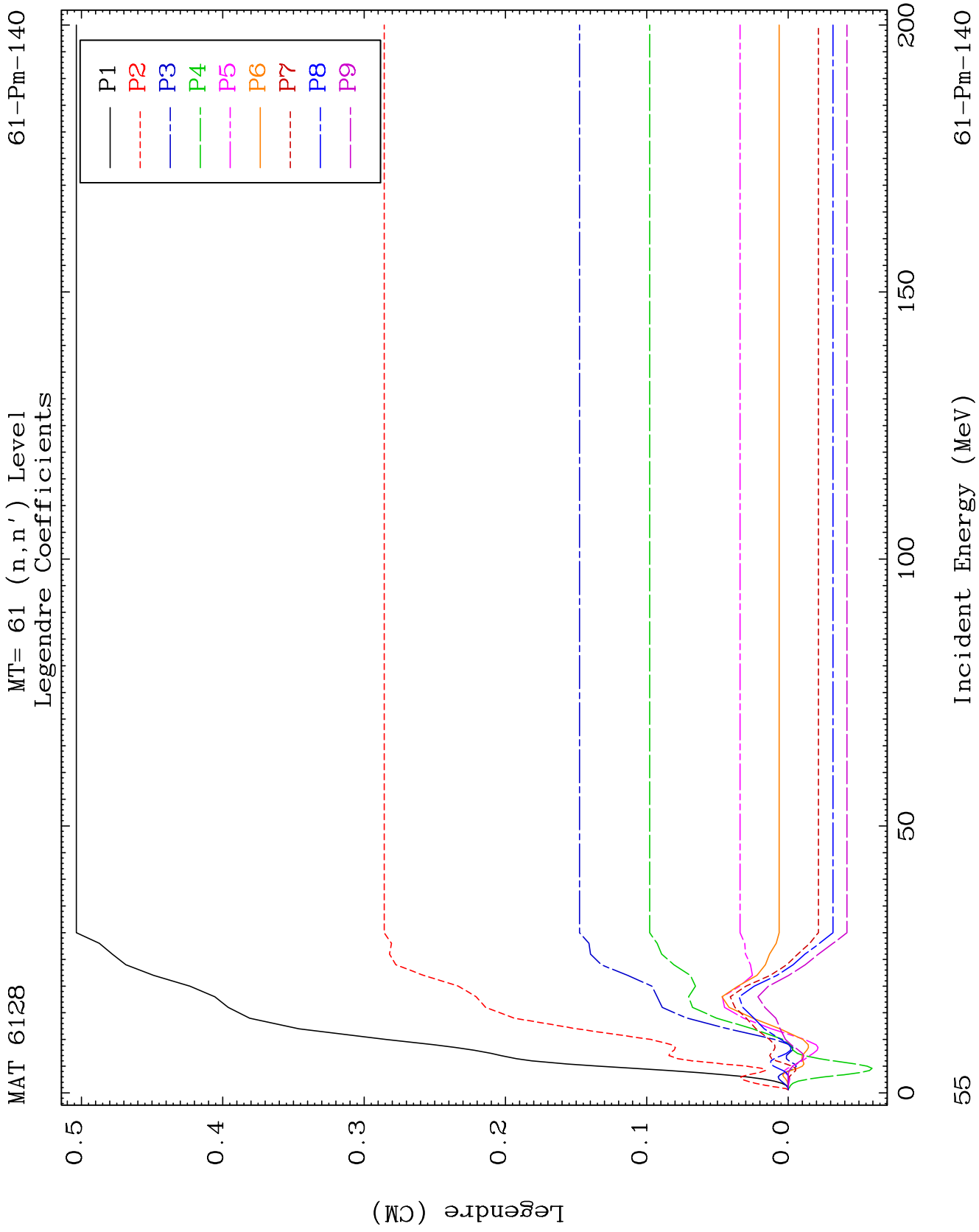








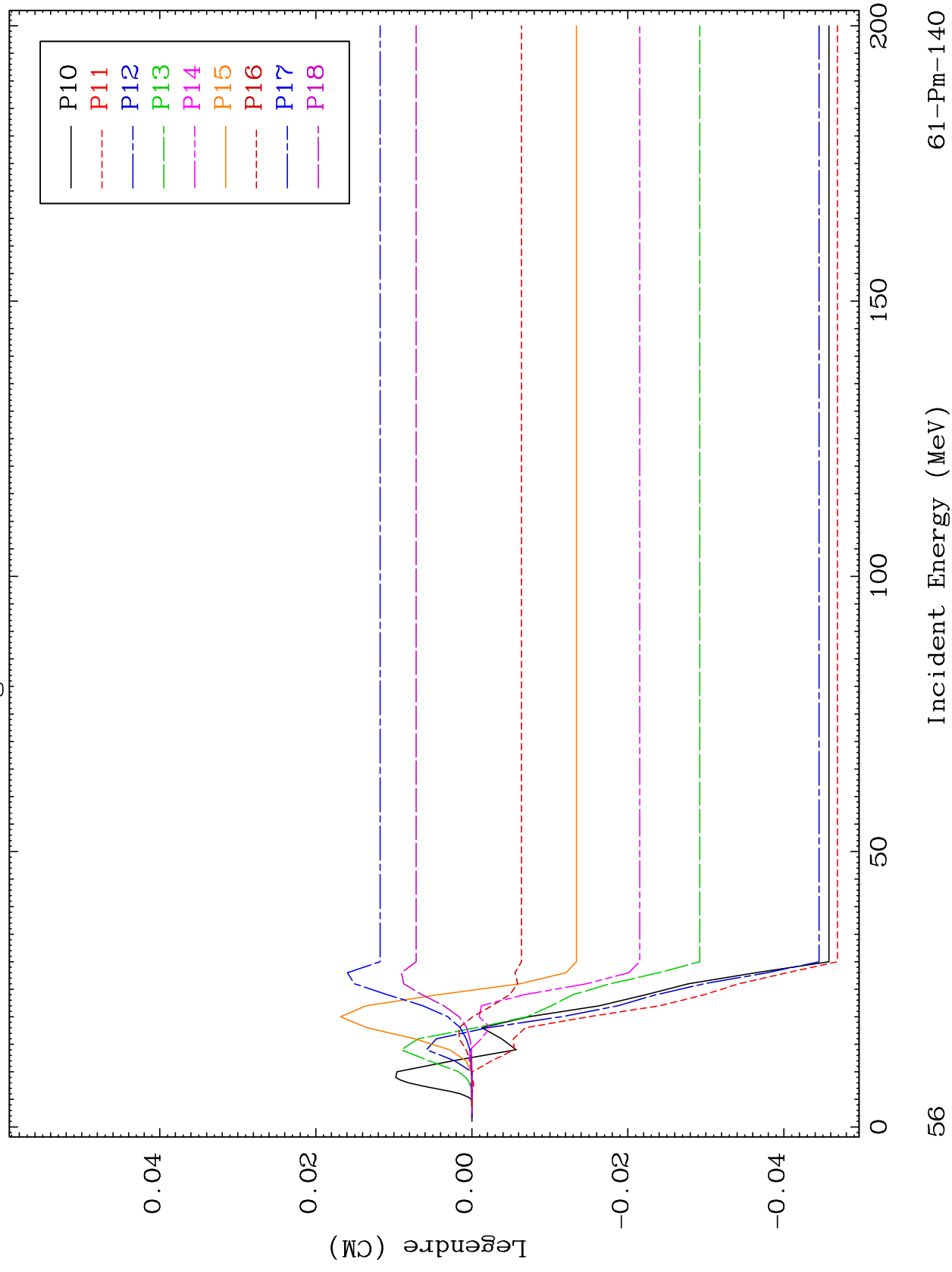


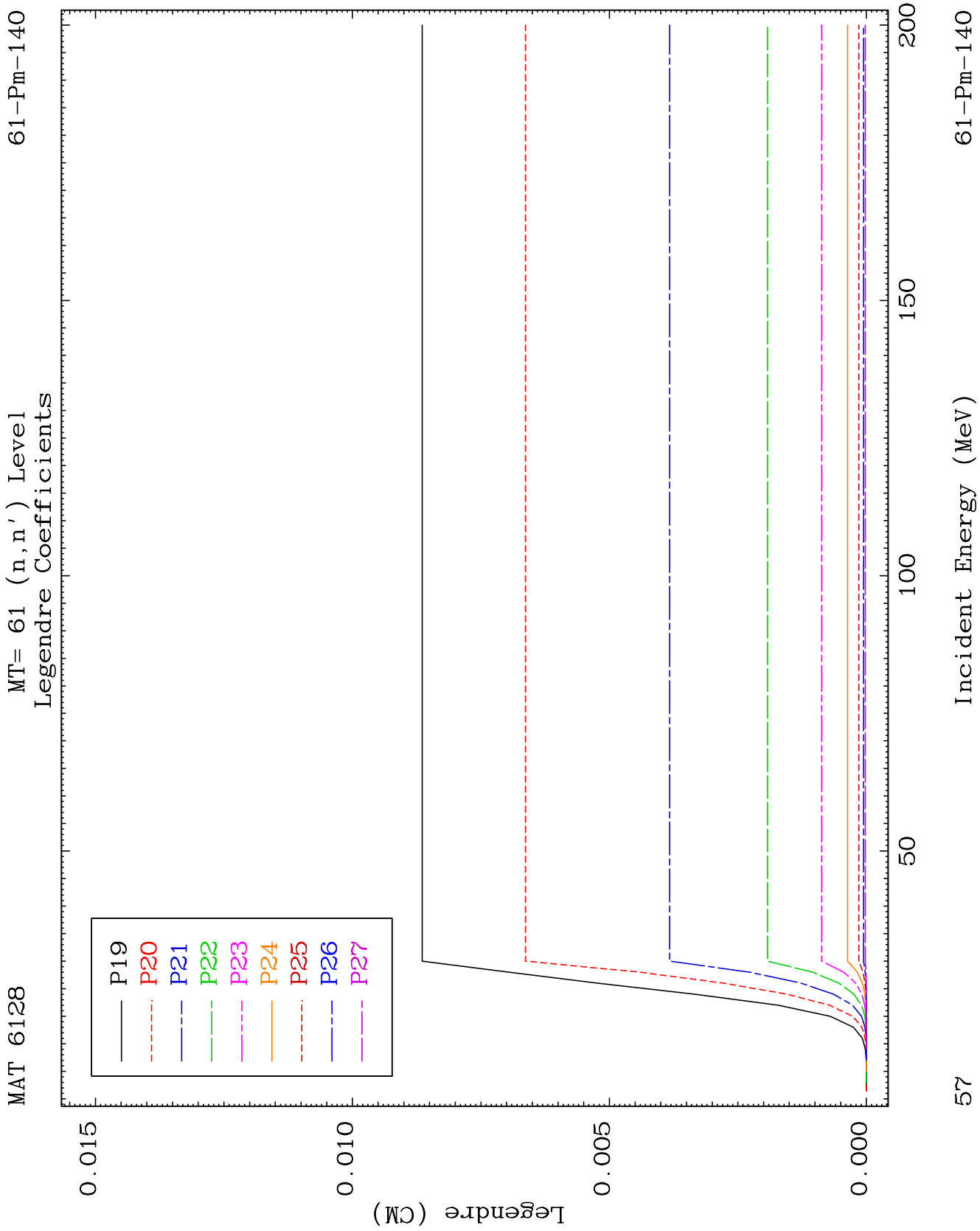


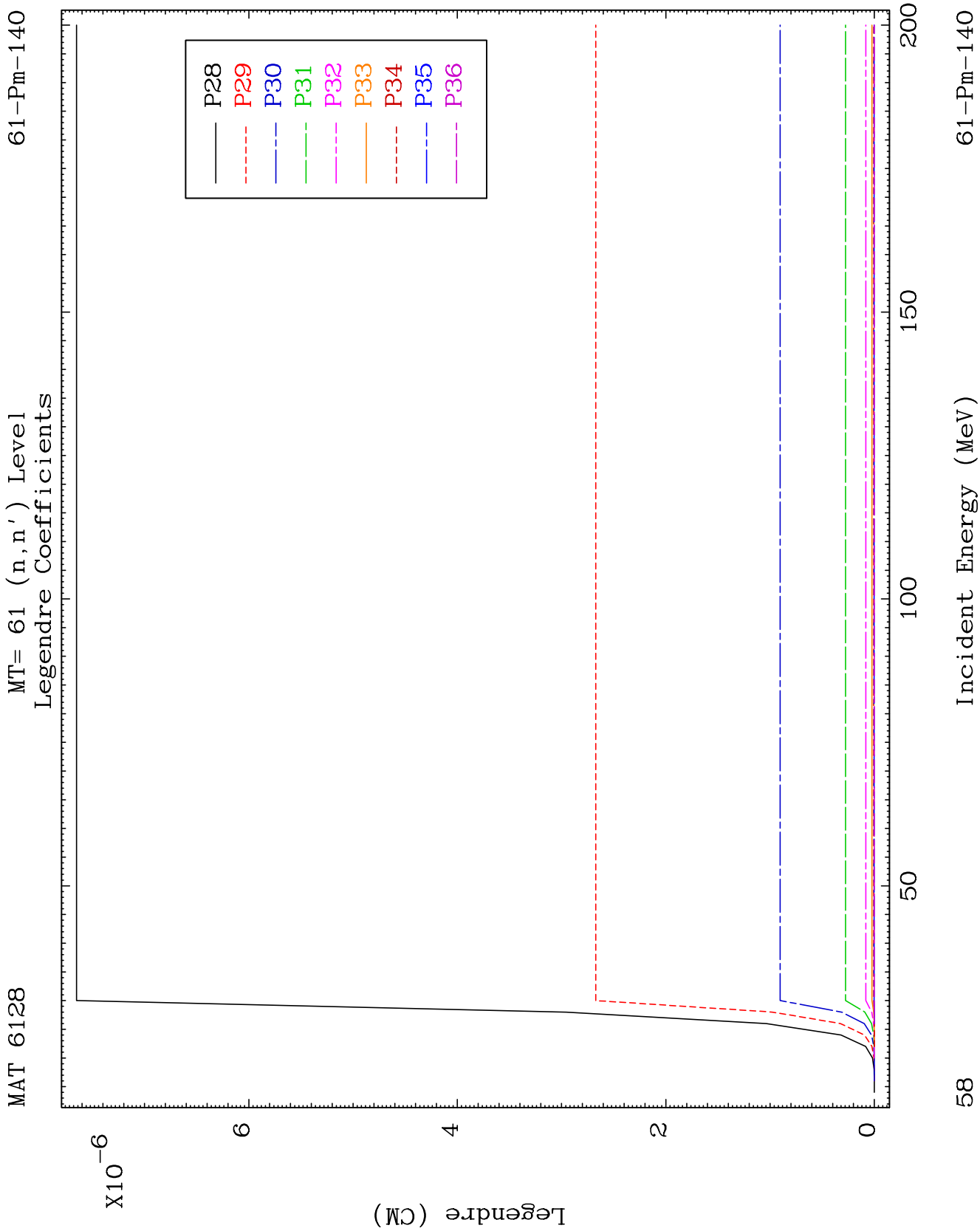
MAT 6128

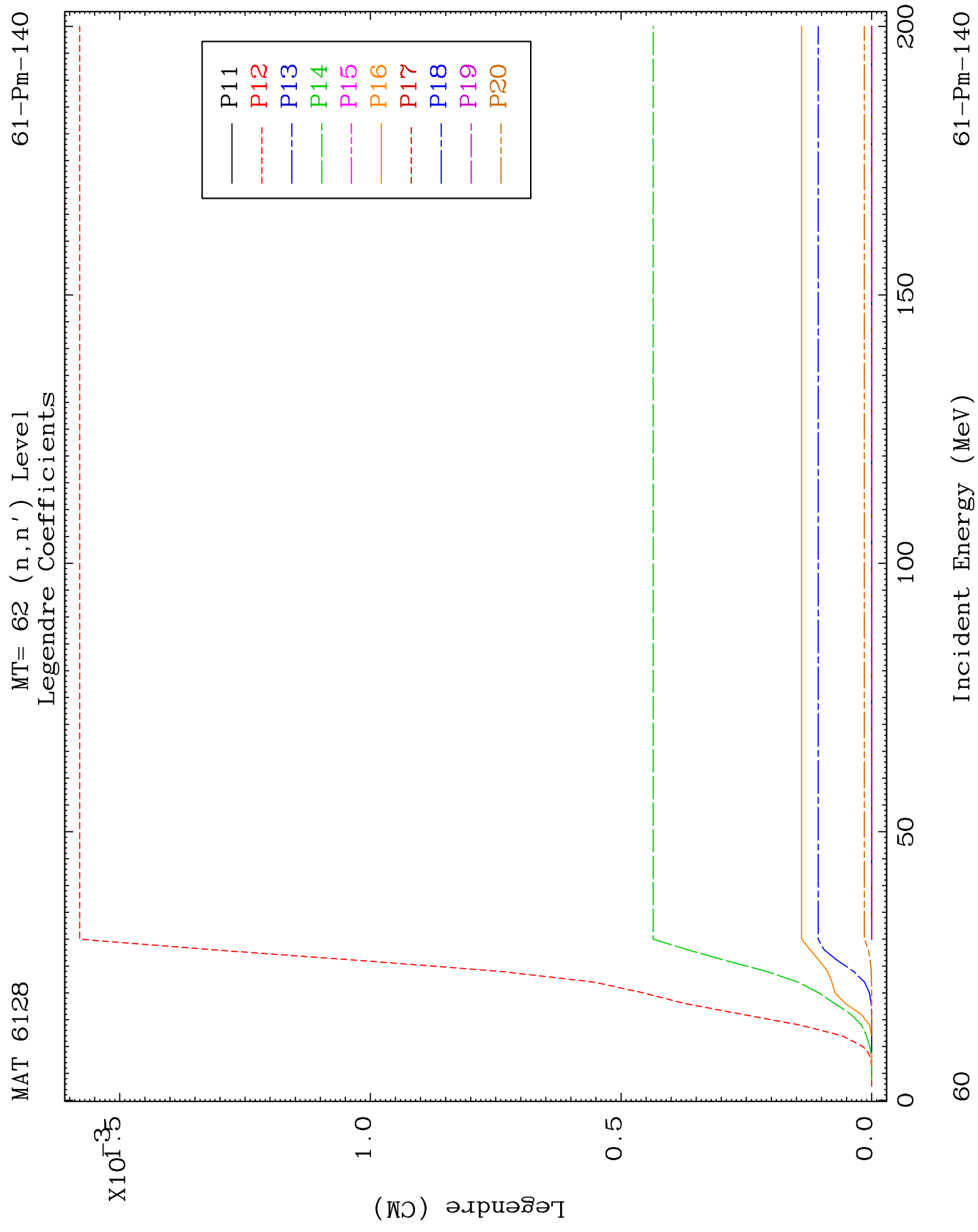
MT= 61 (n, n') Level
Legendre Coefficients

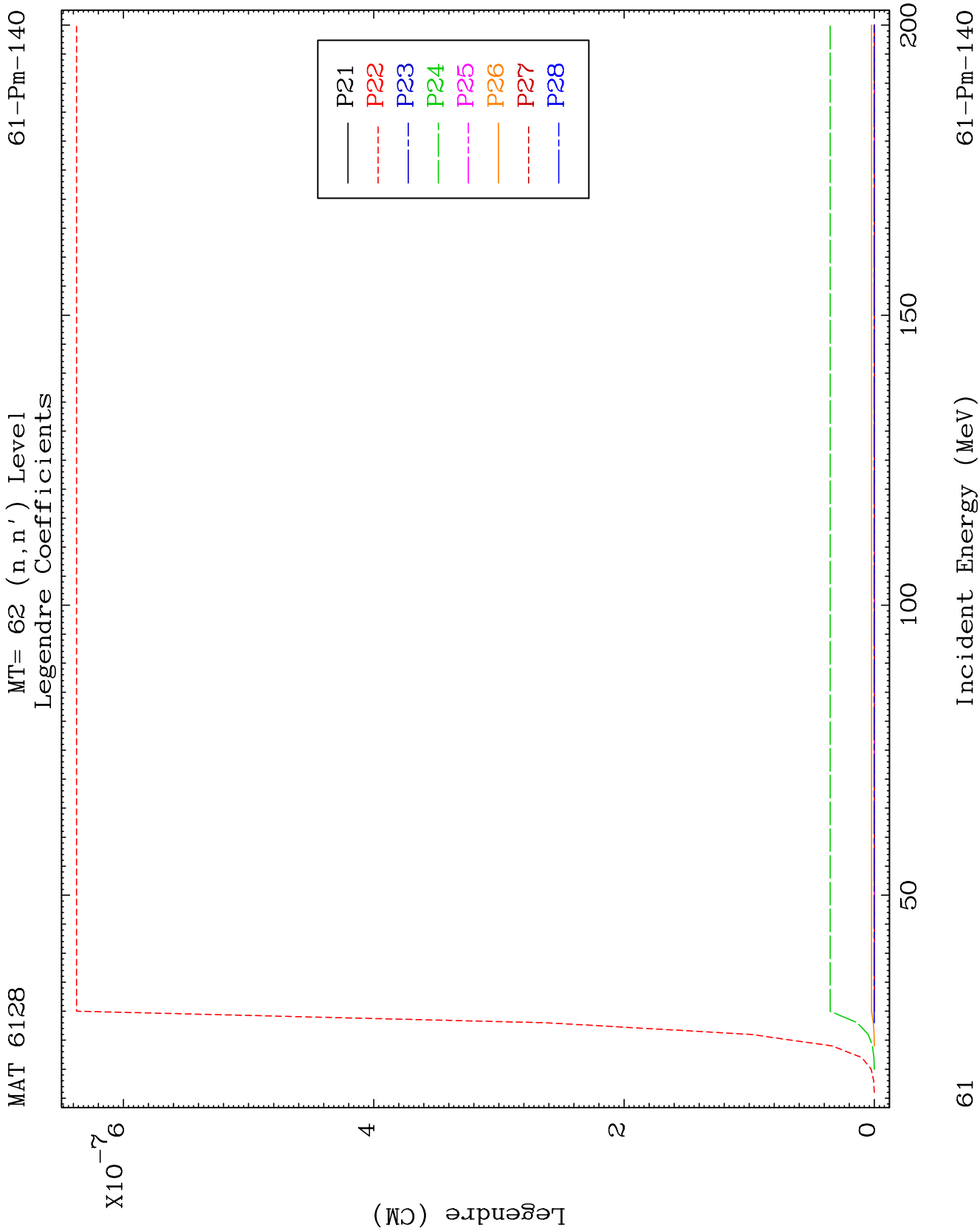
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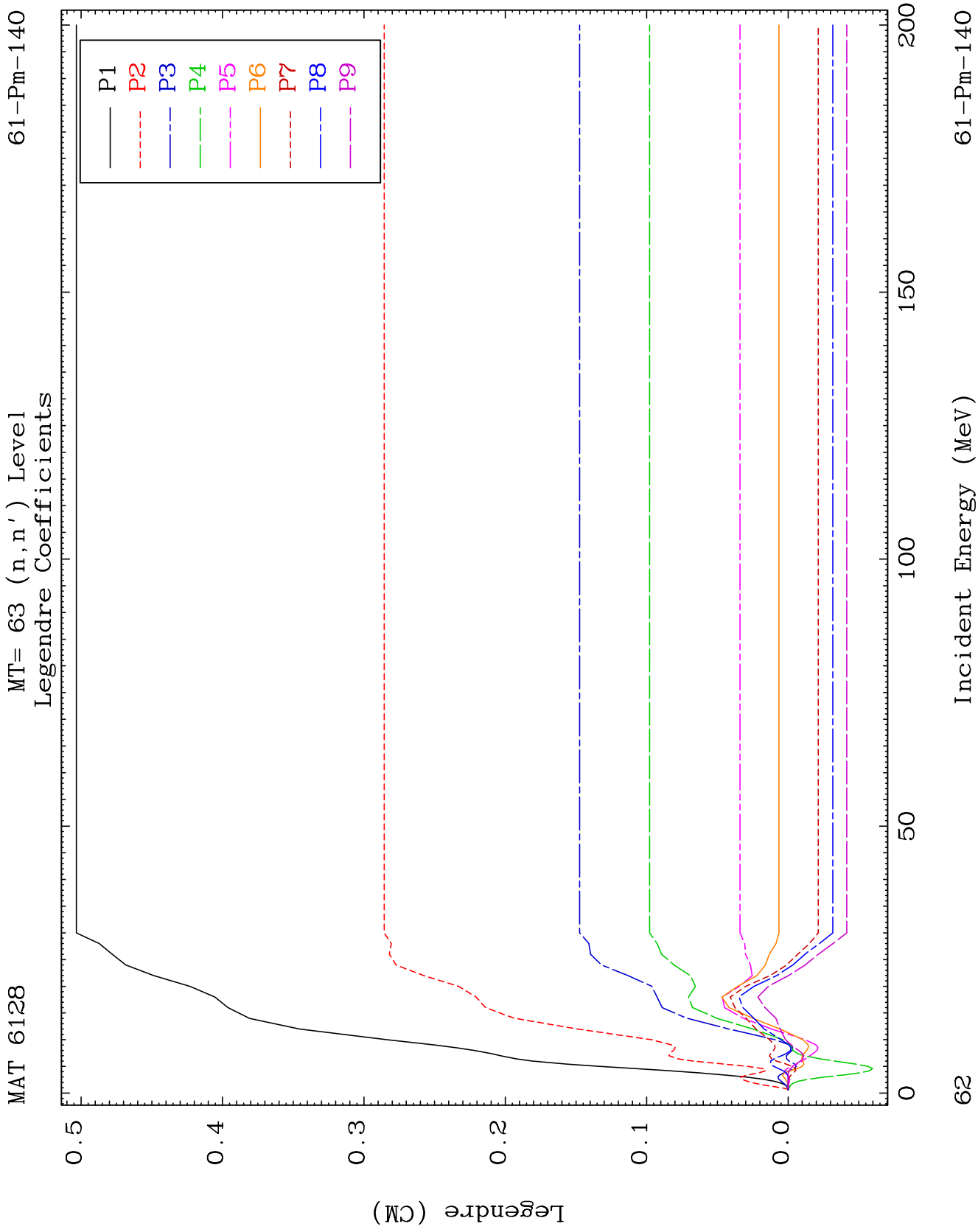


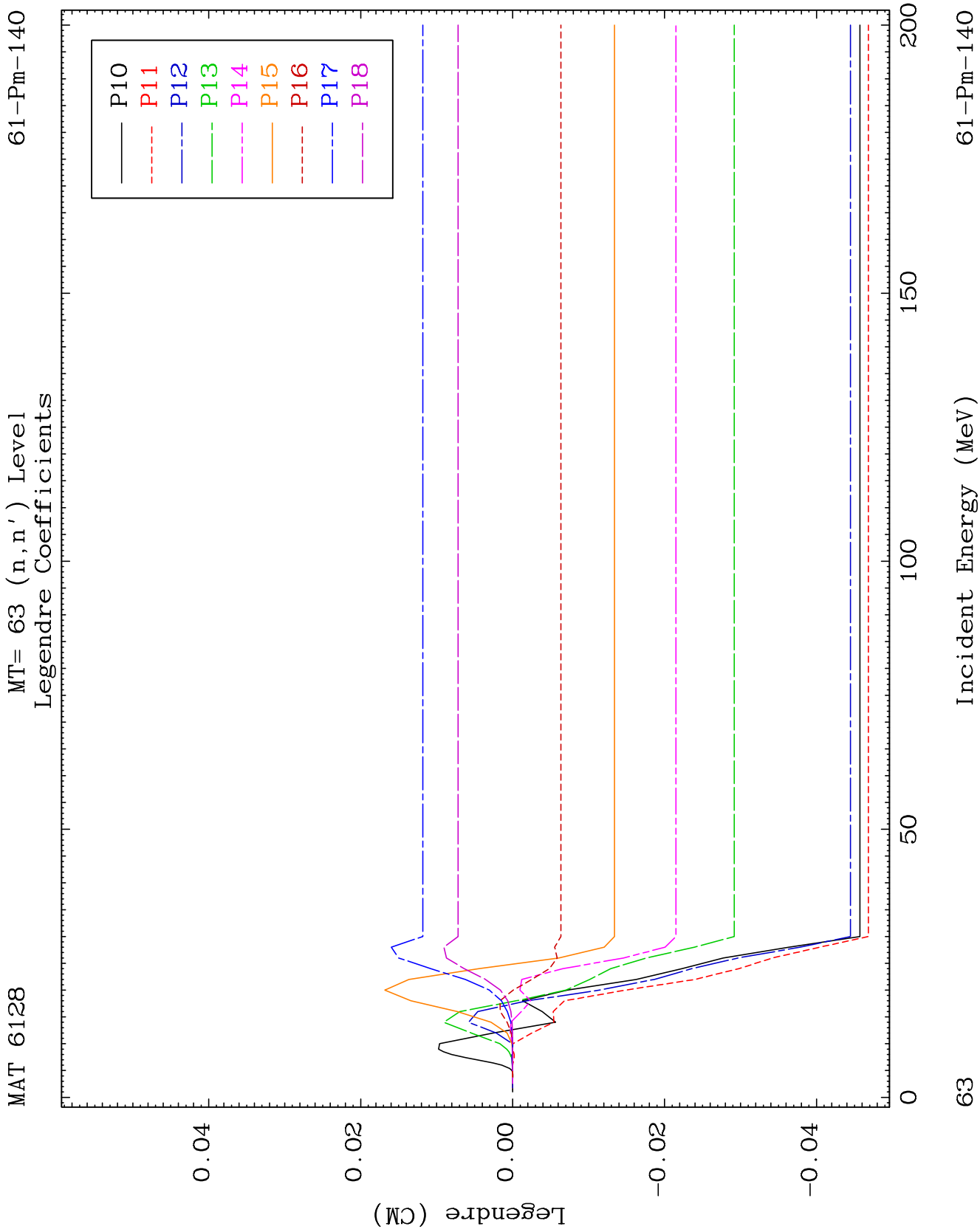


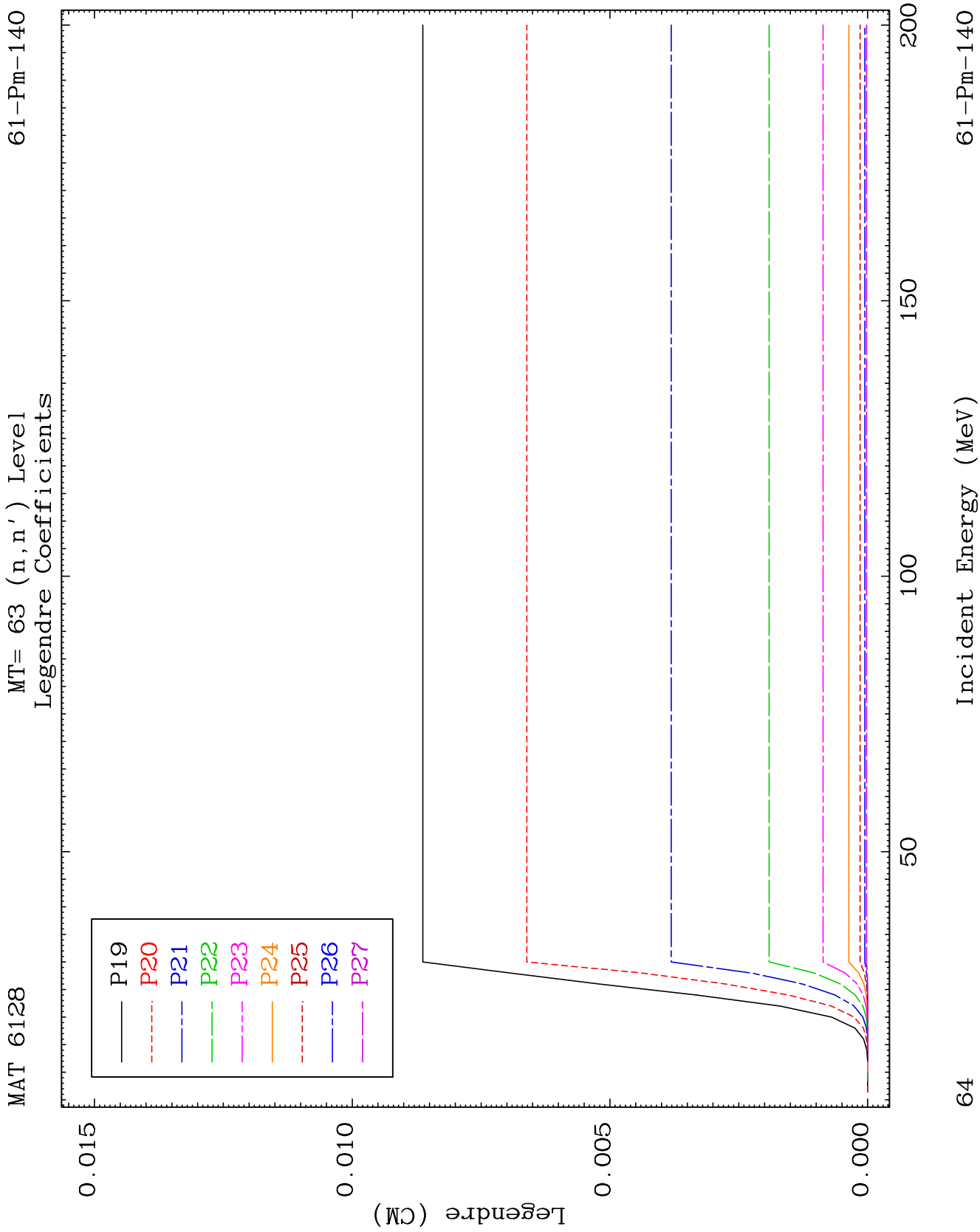


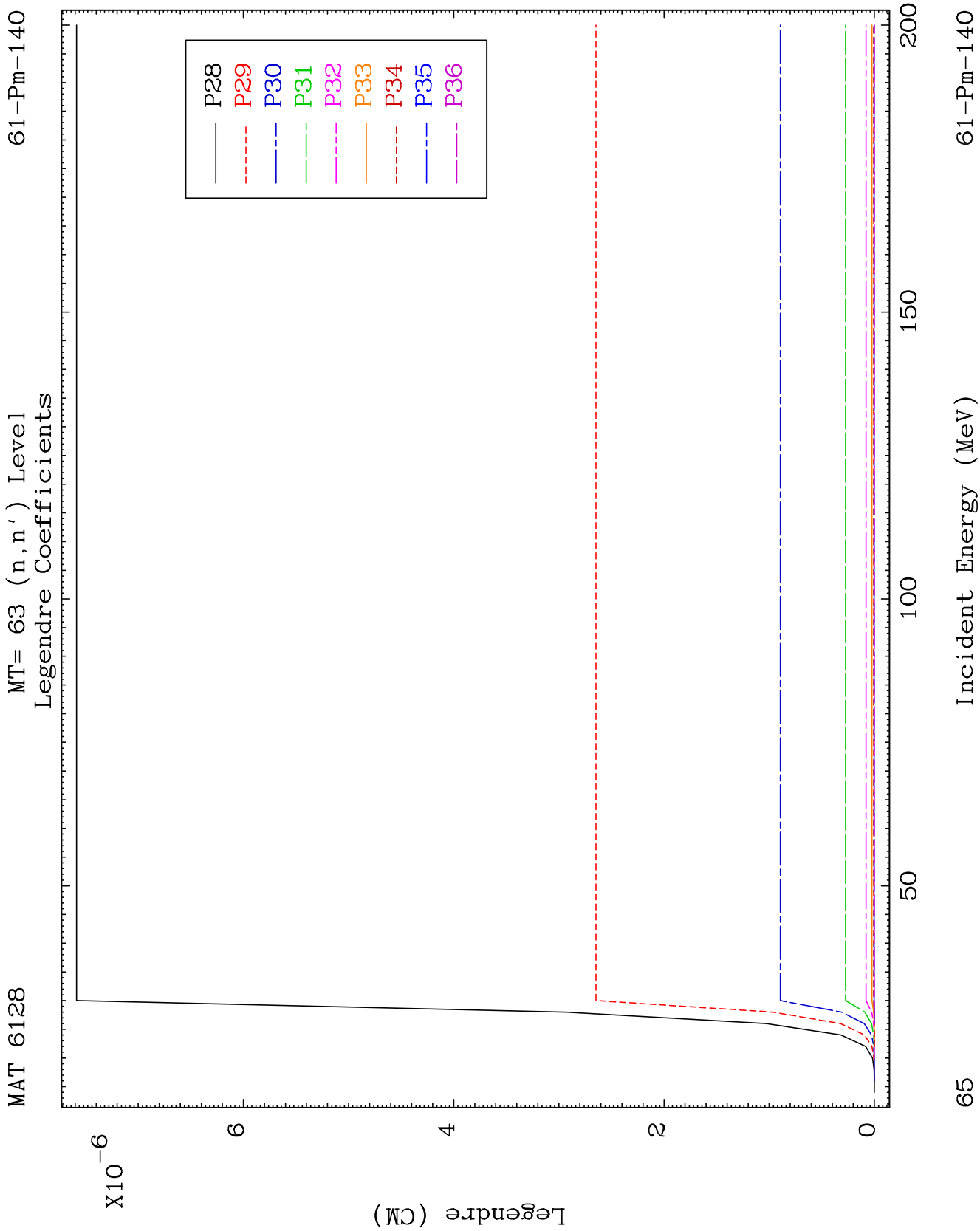


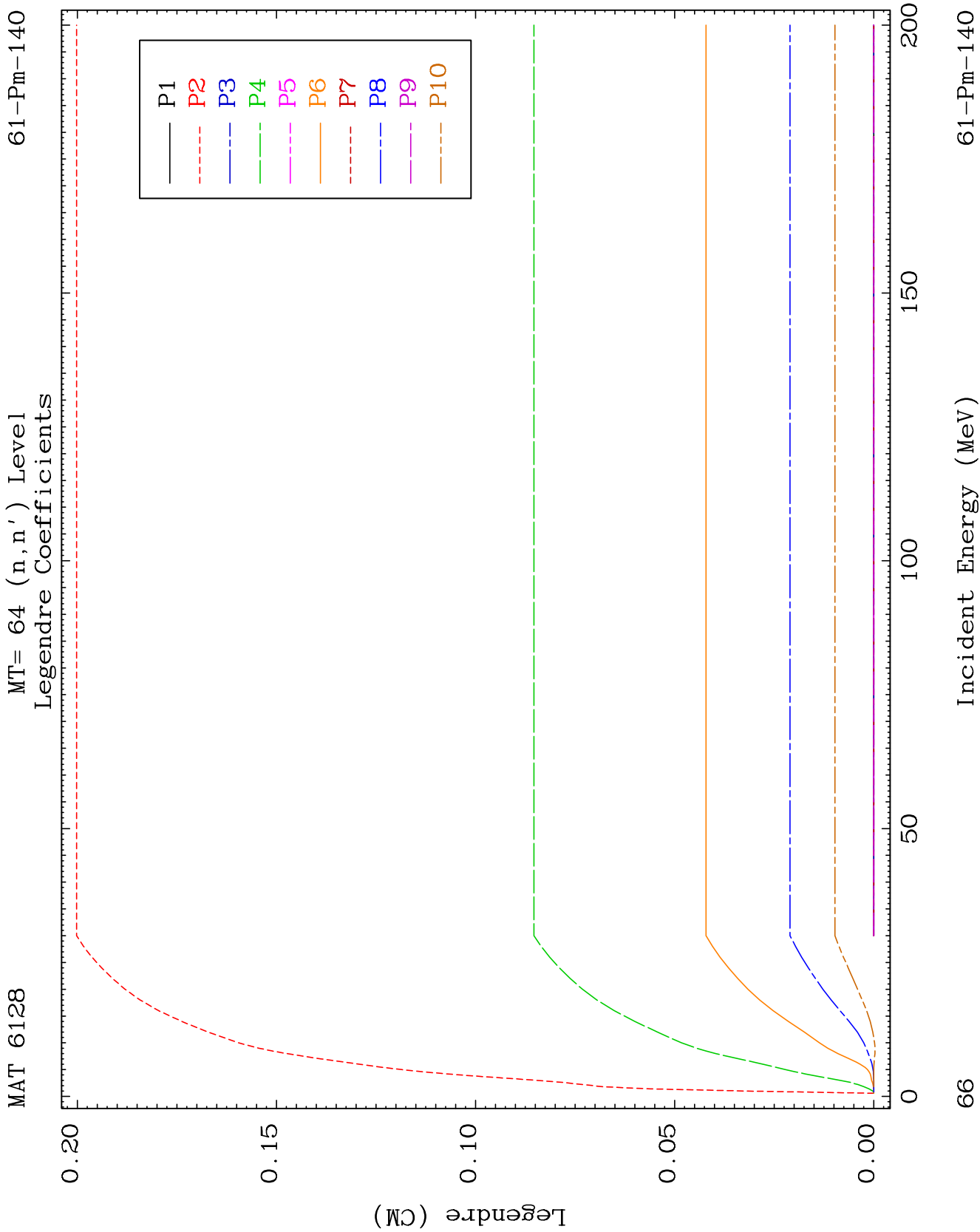


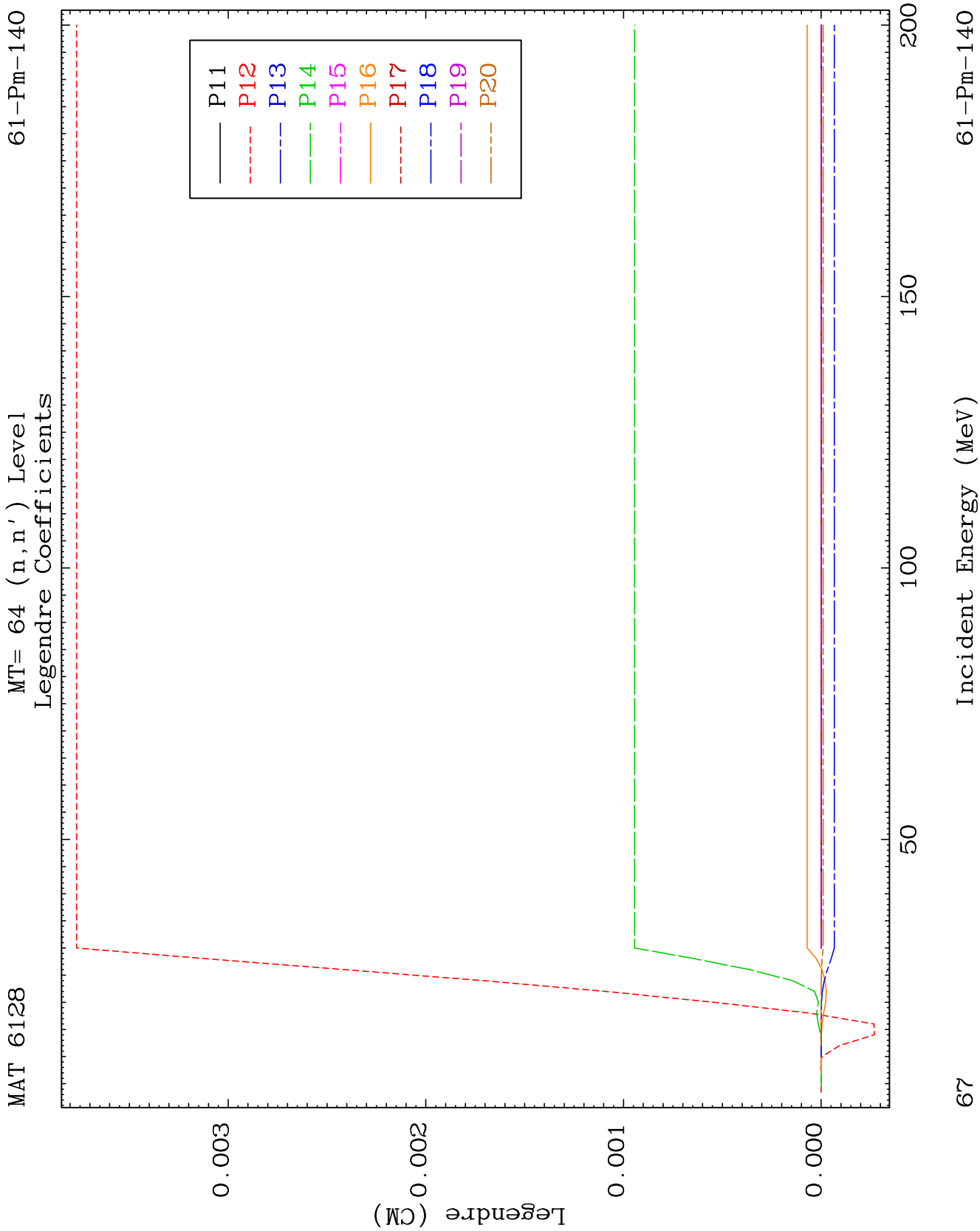


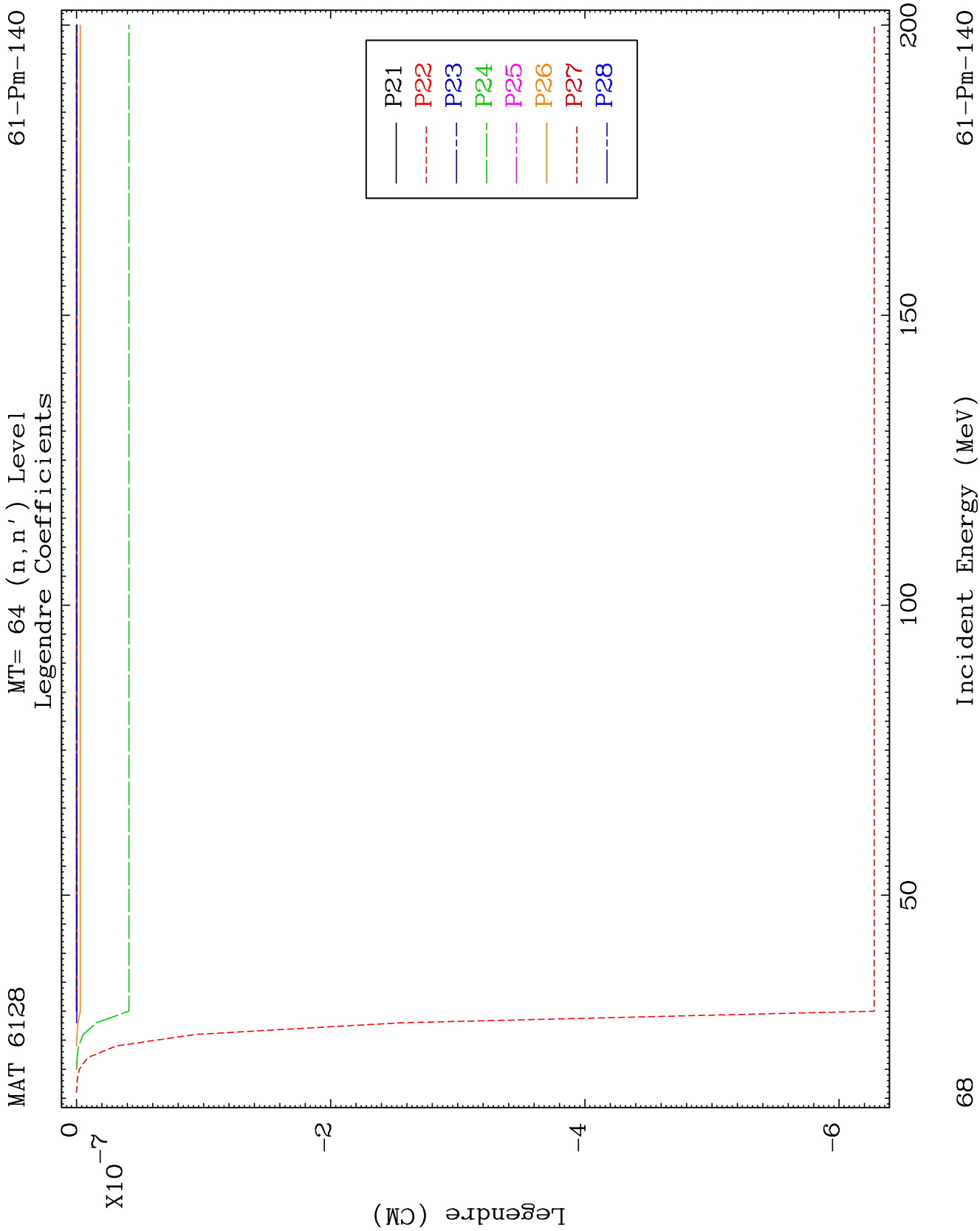


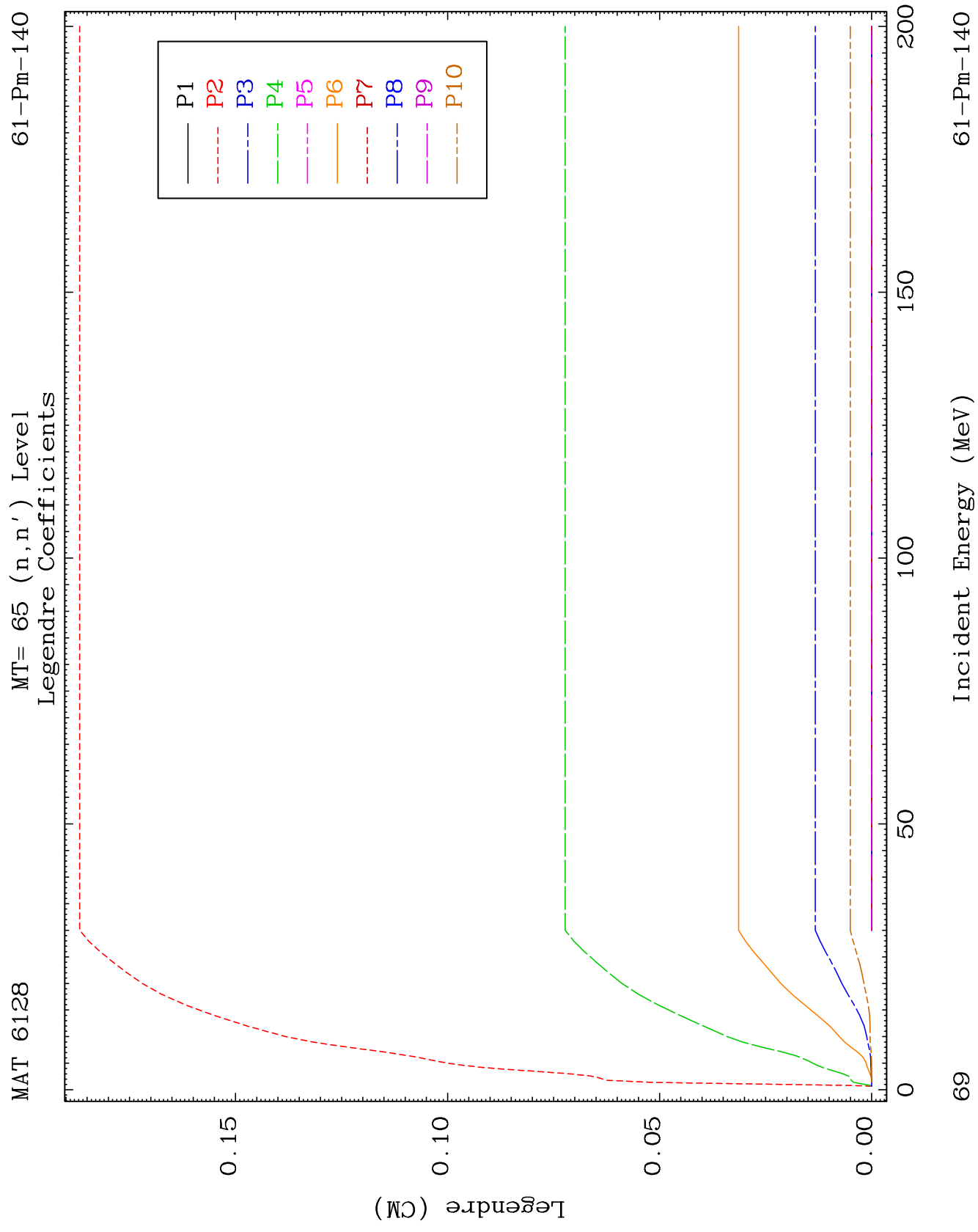


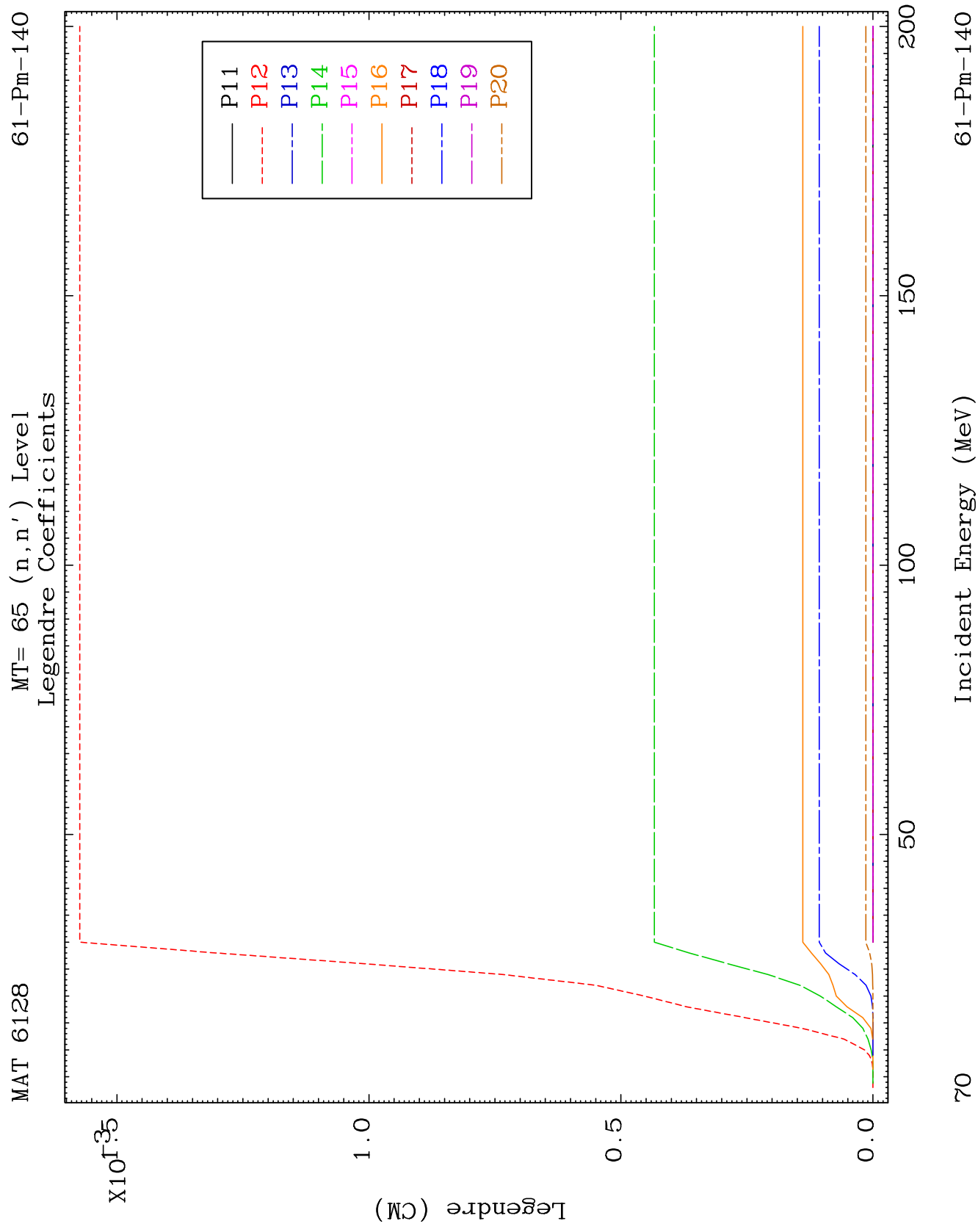


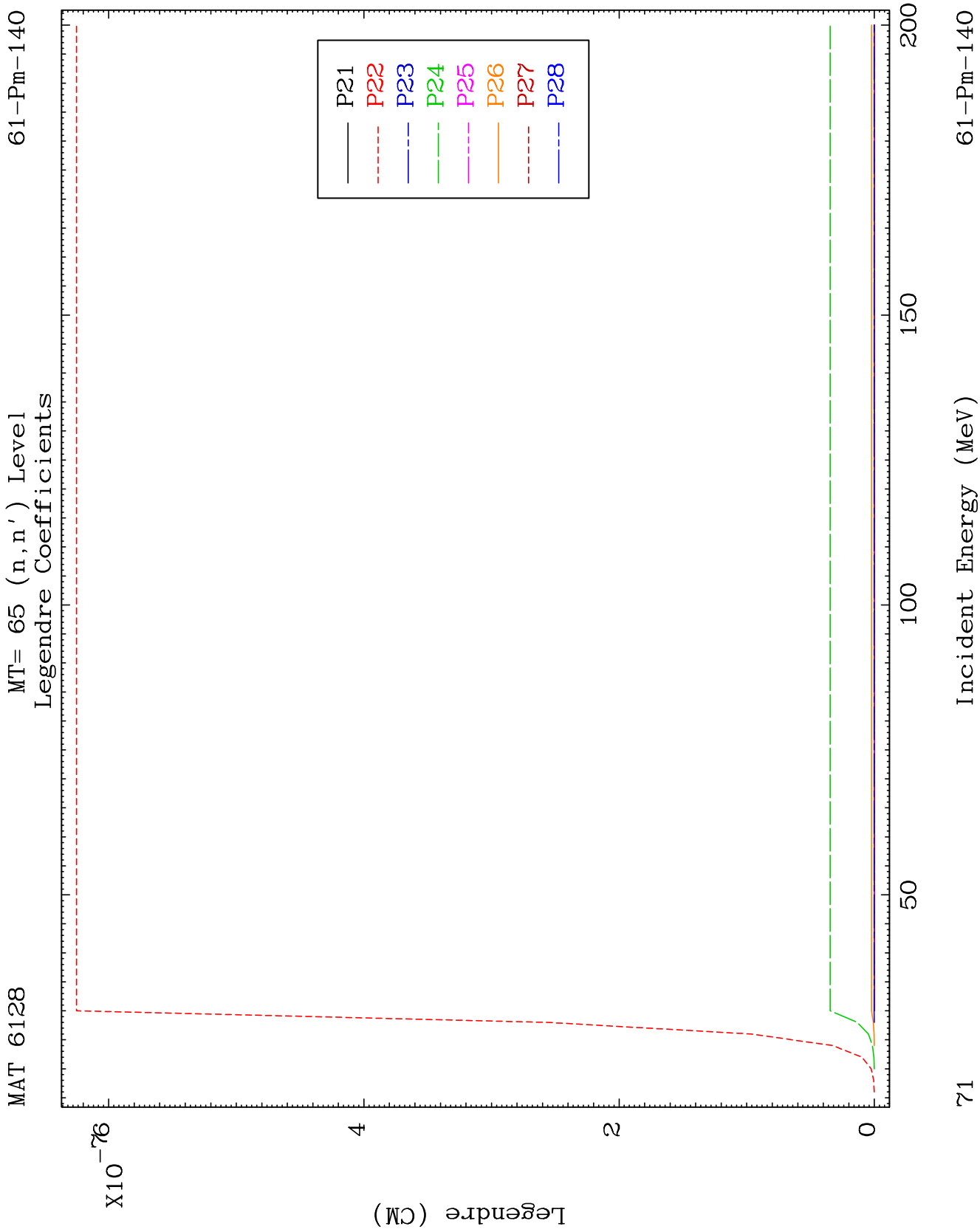


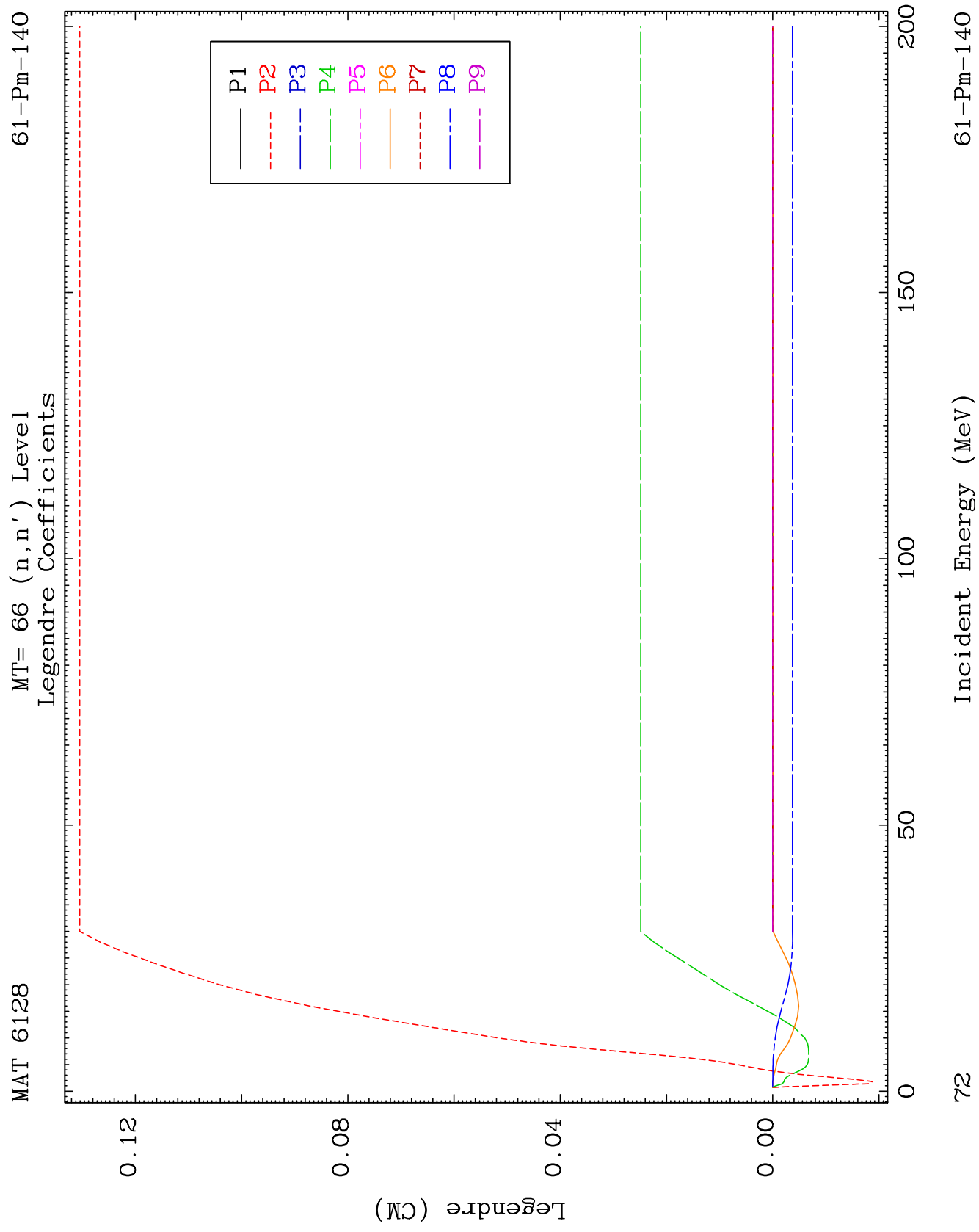


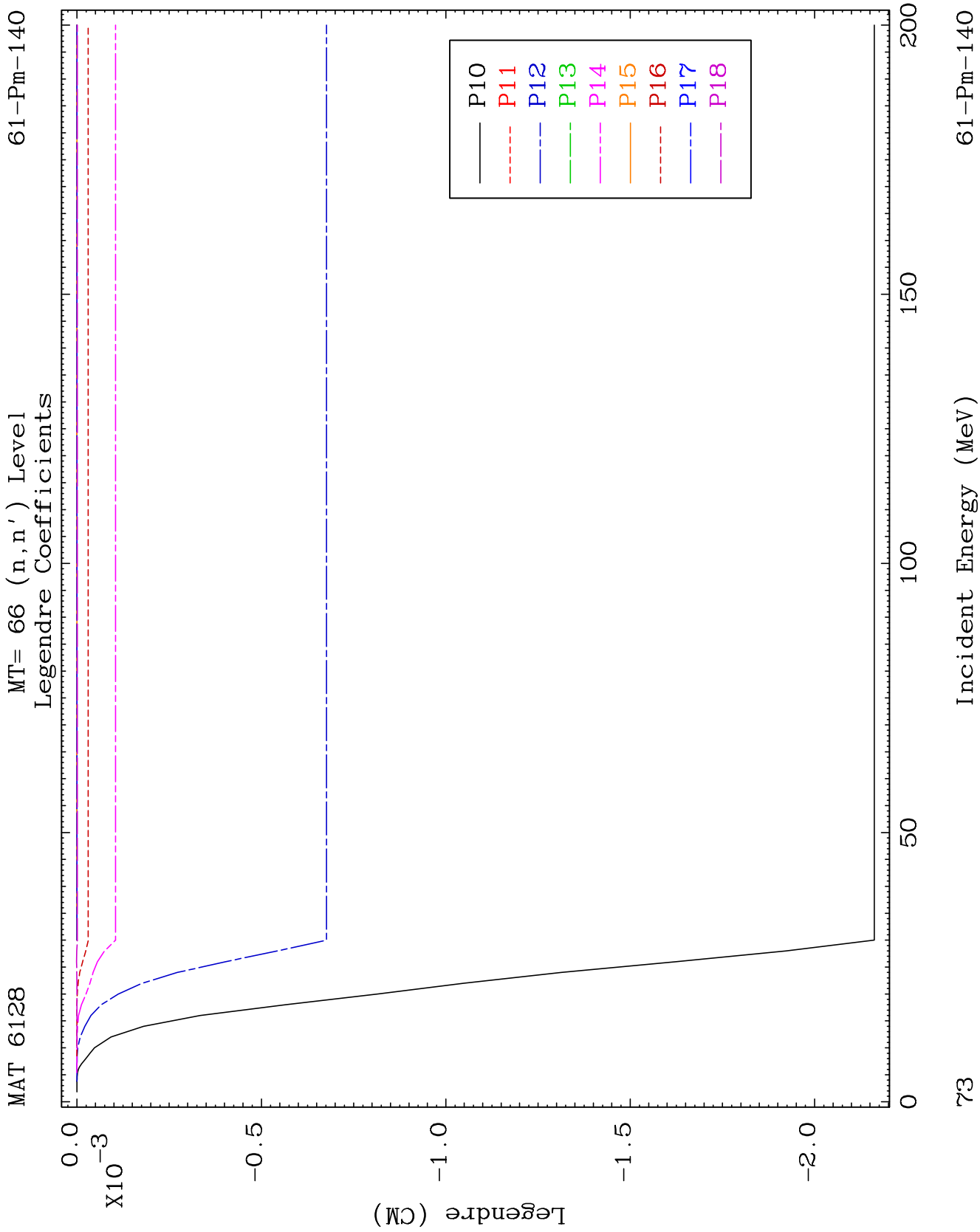








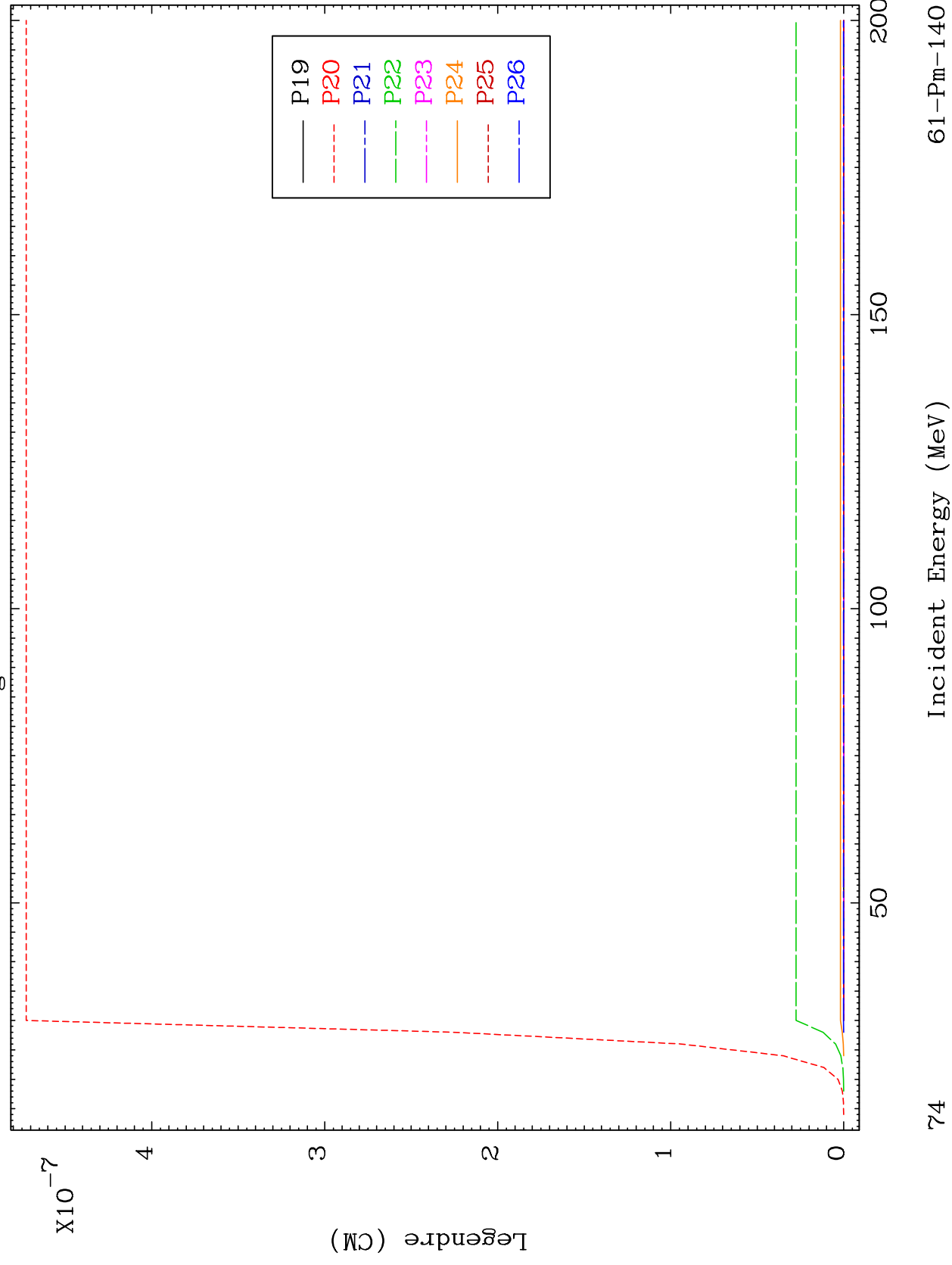




MAT 6128

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

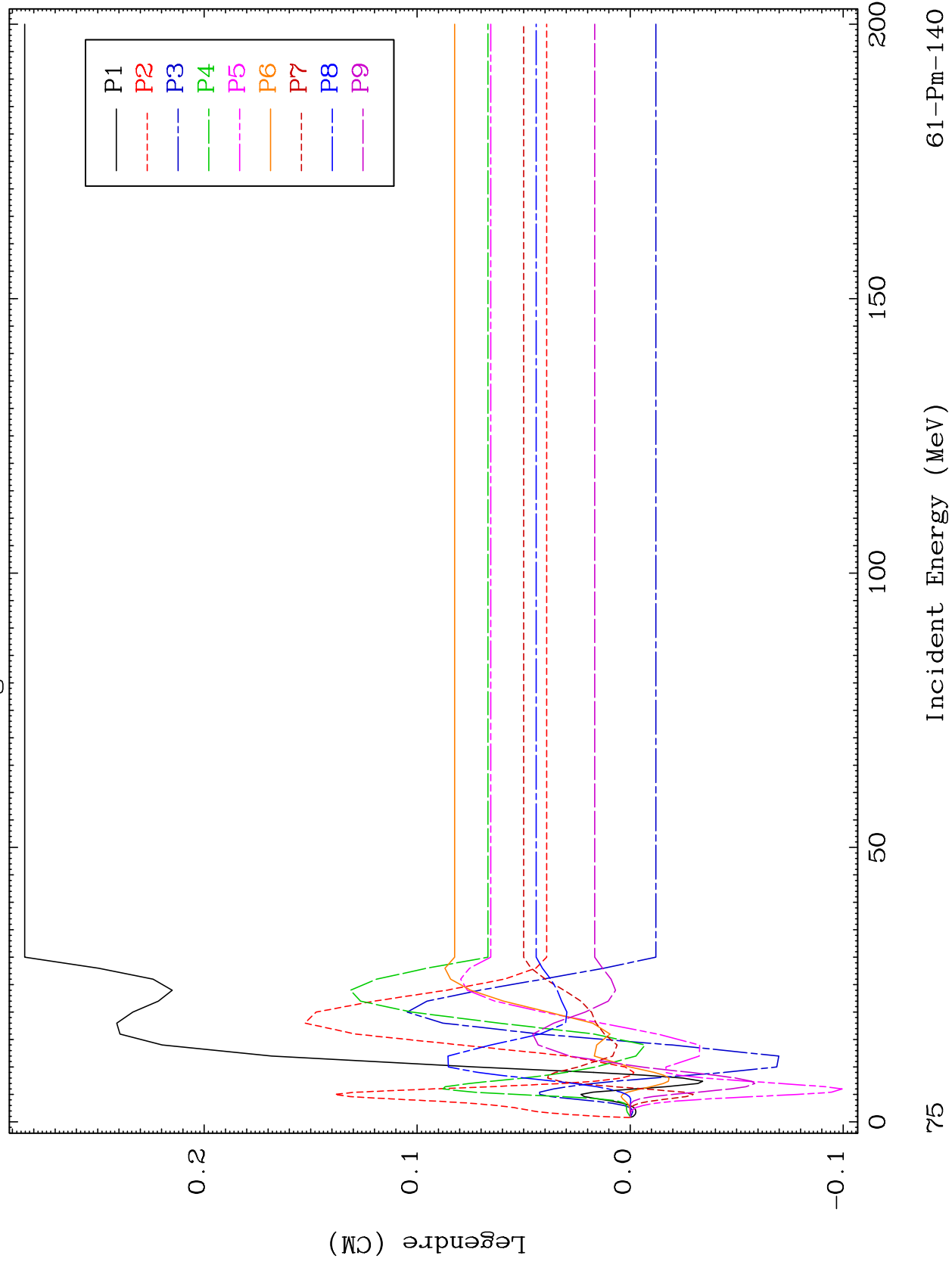
61-Pm-140



MAT 6128

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

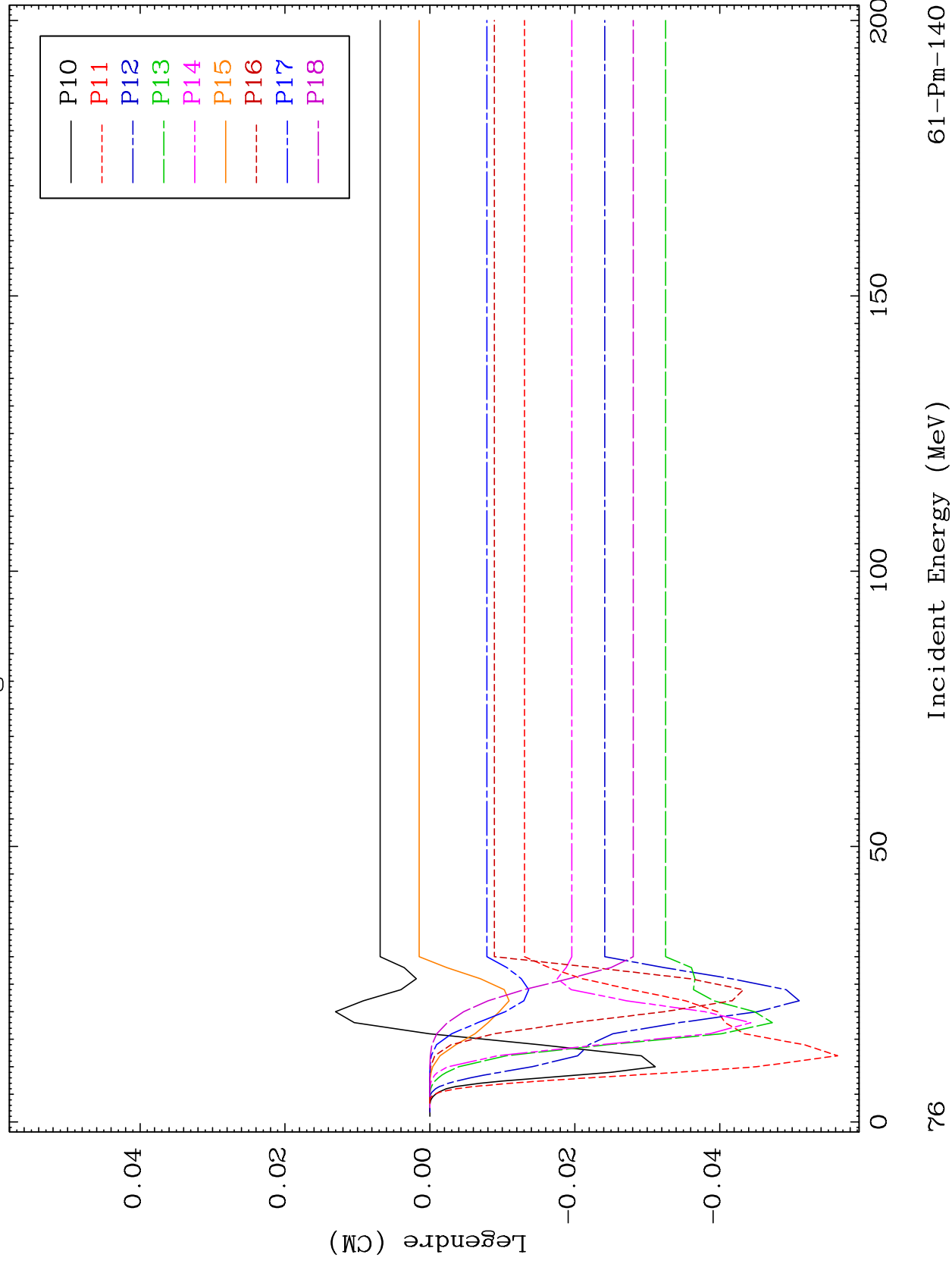
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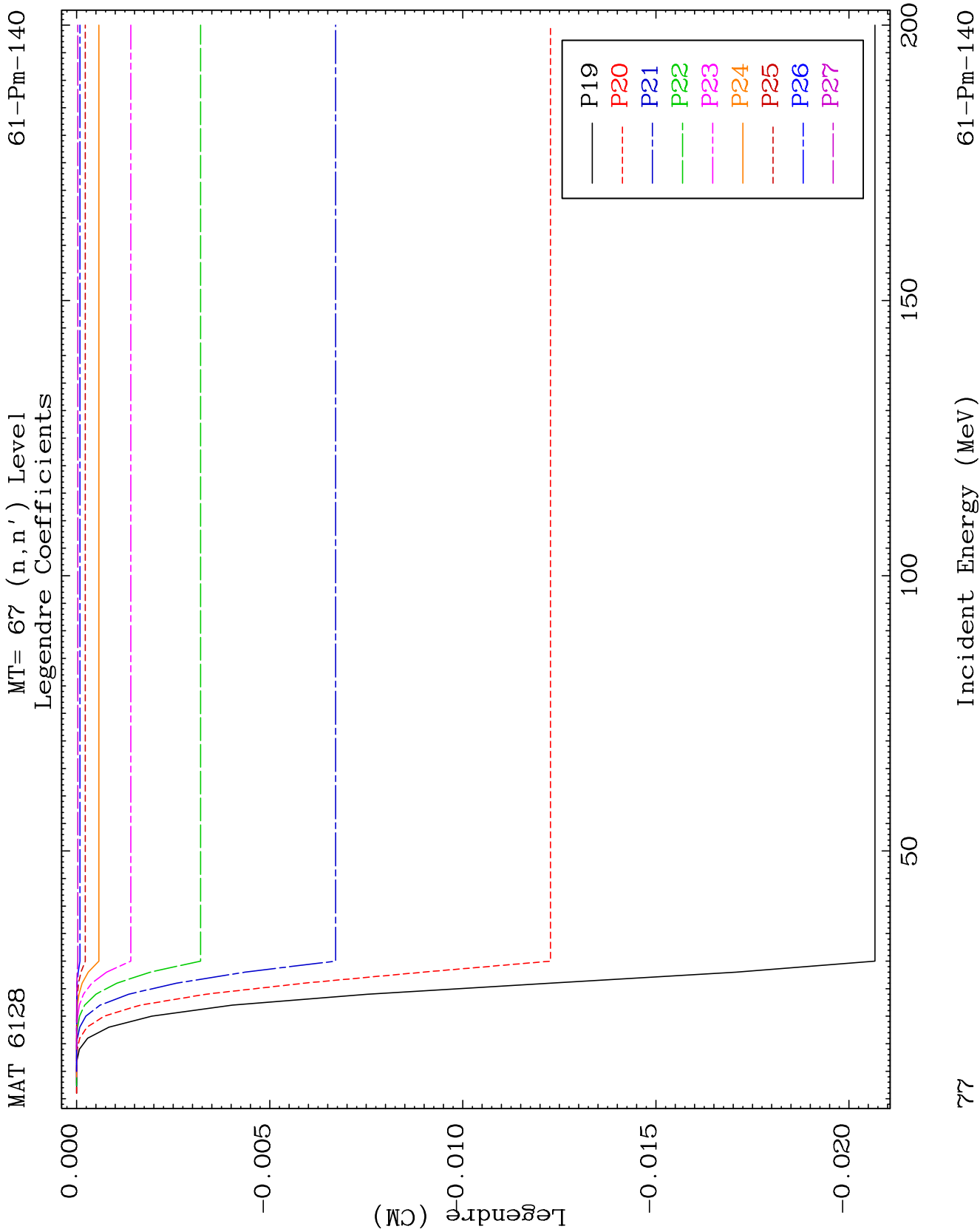


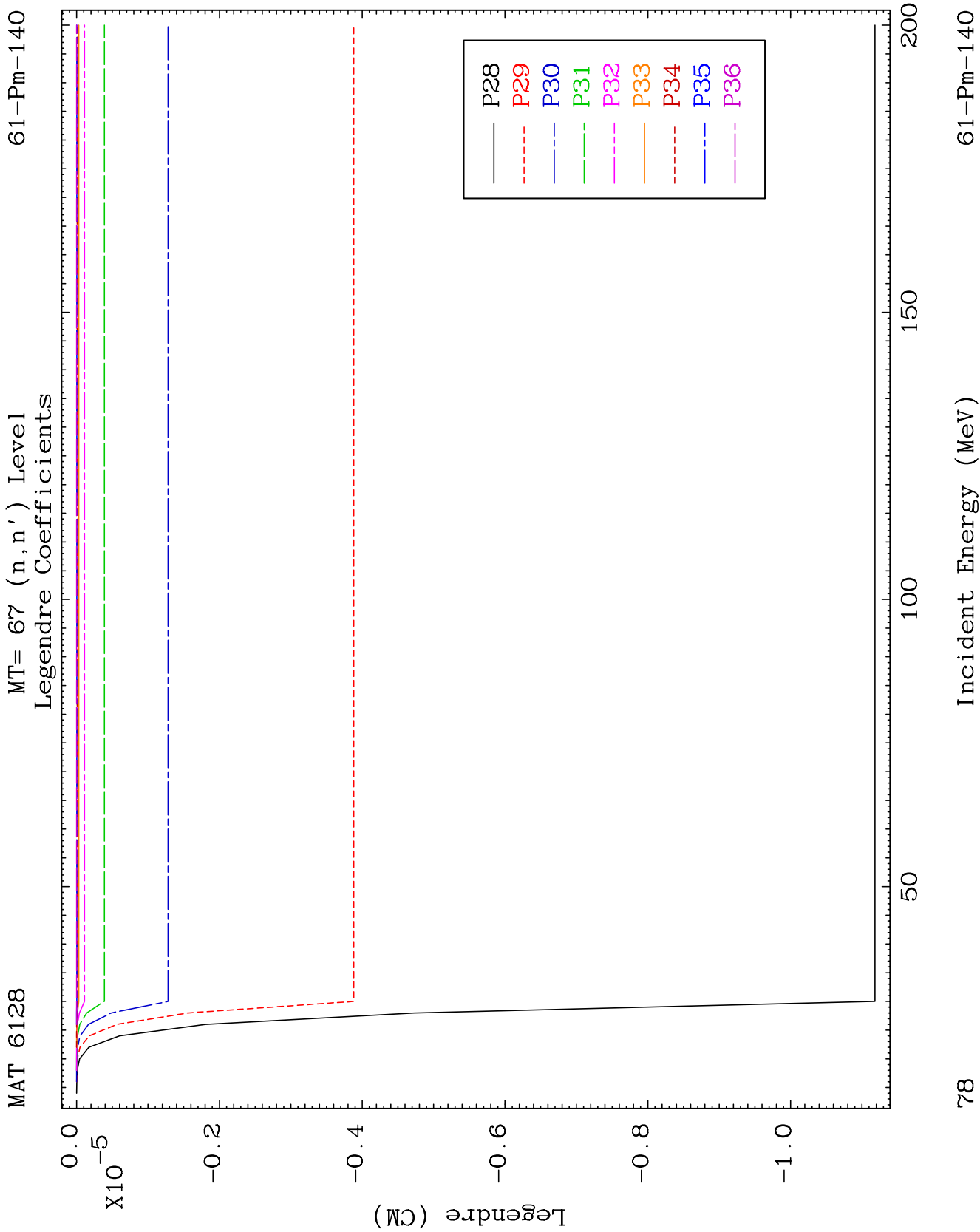
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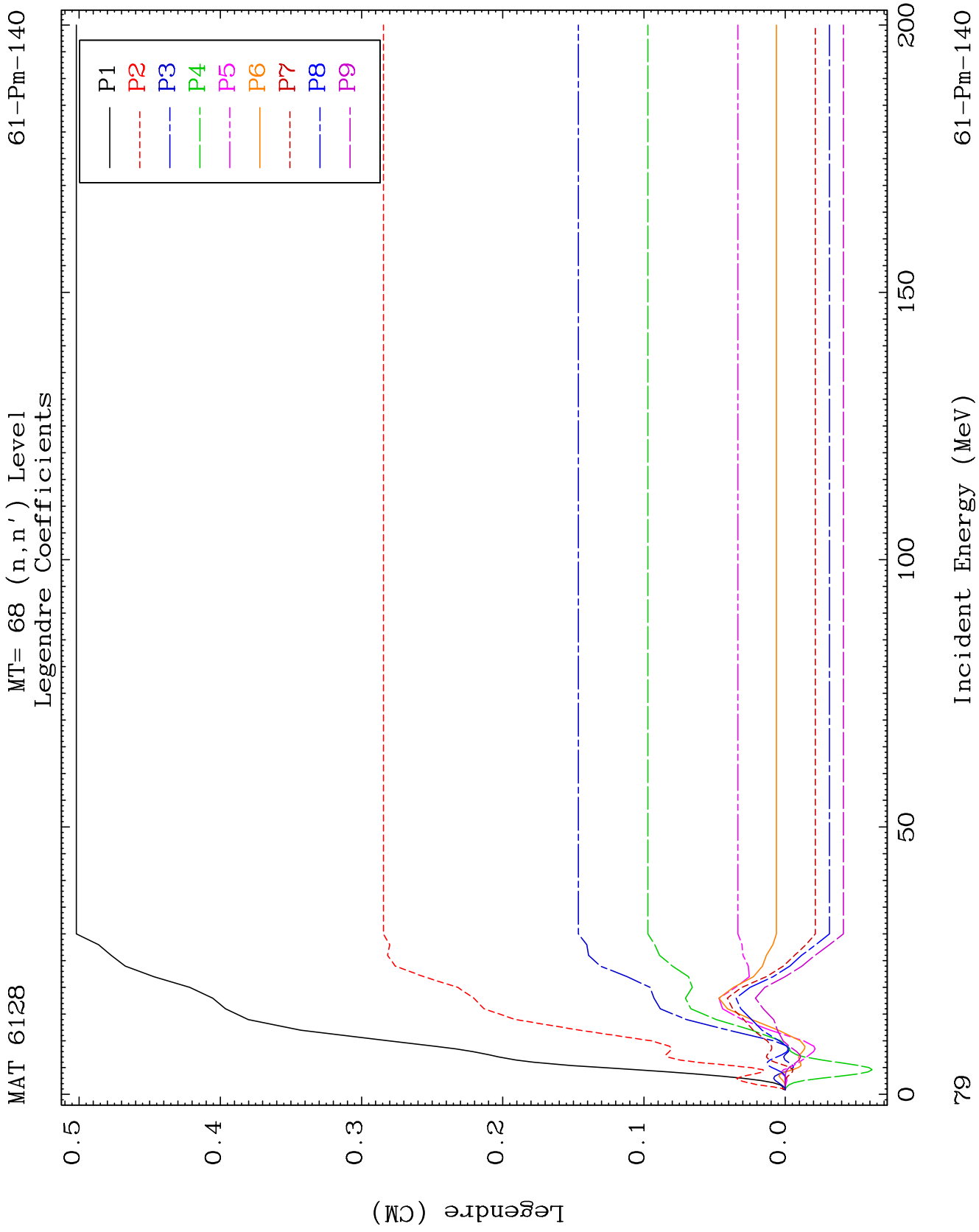
MT= 67 (n, n') Level
Legendre Coefficients

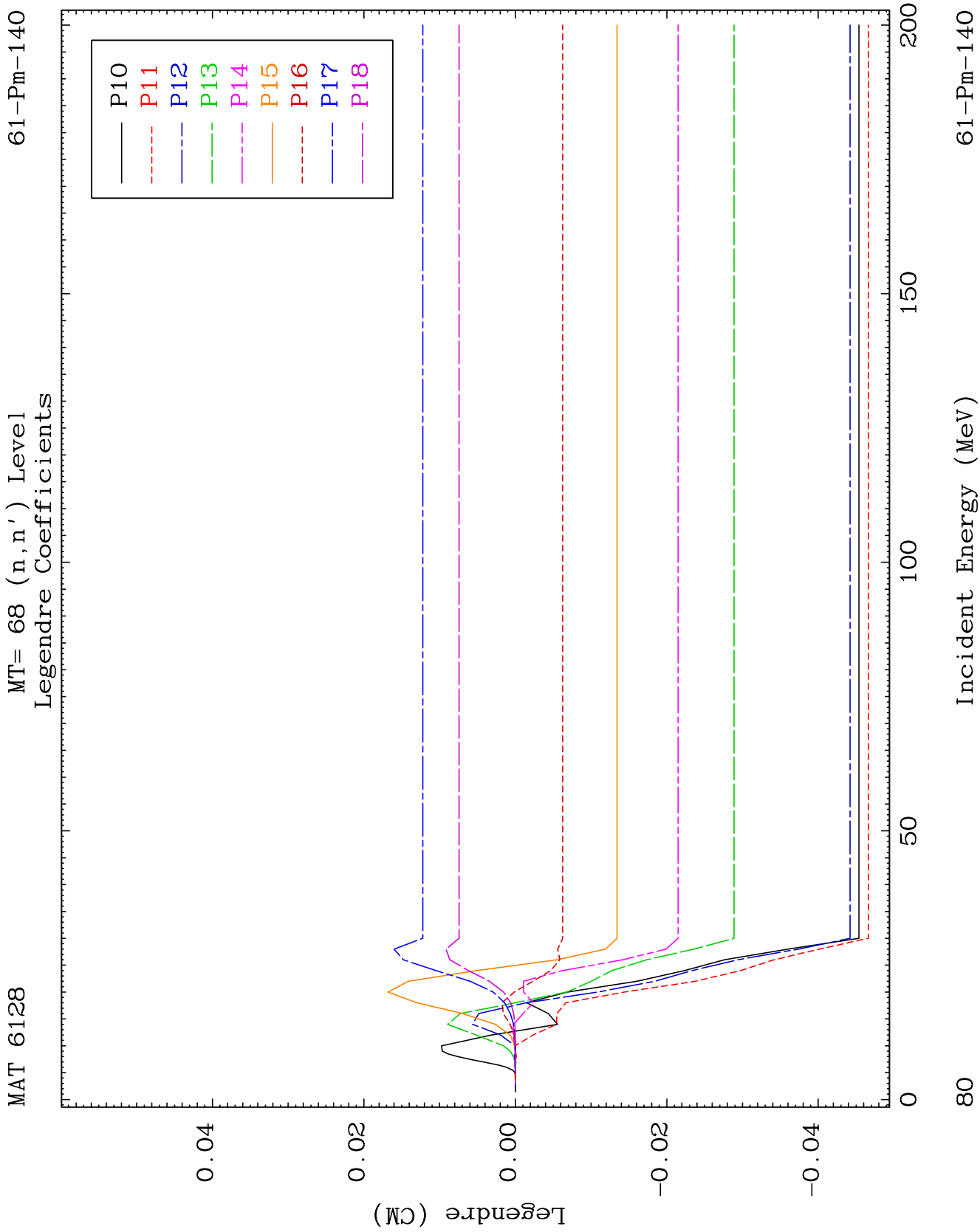
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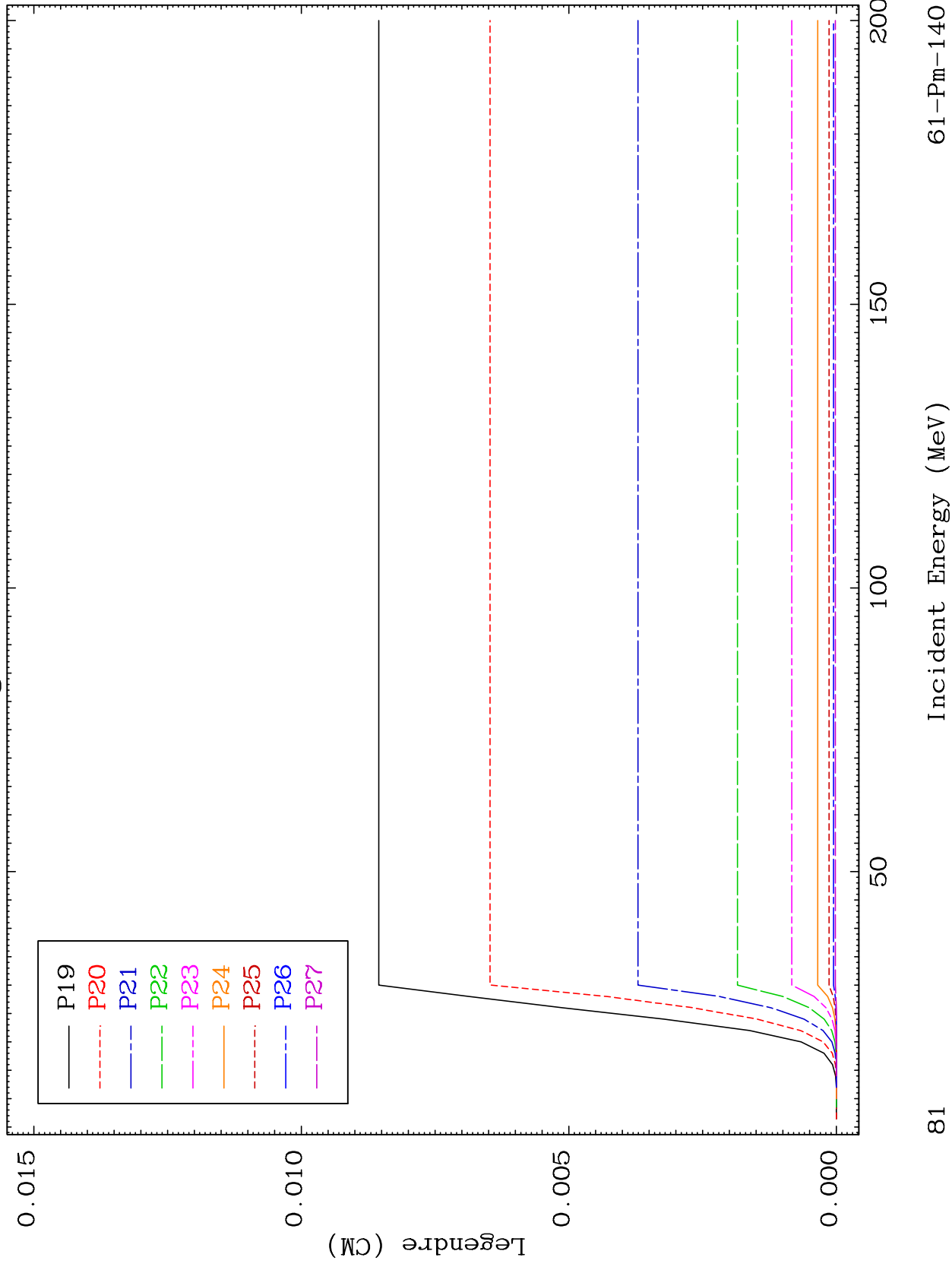




MAT 6128

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

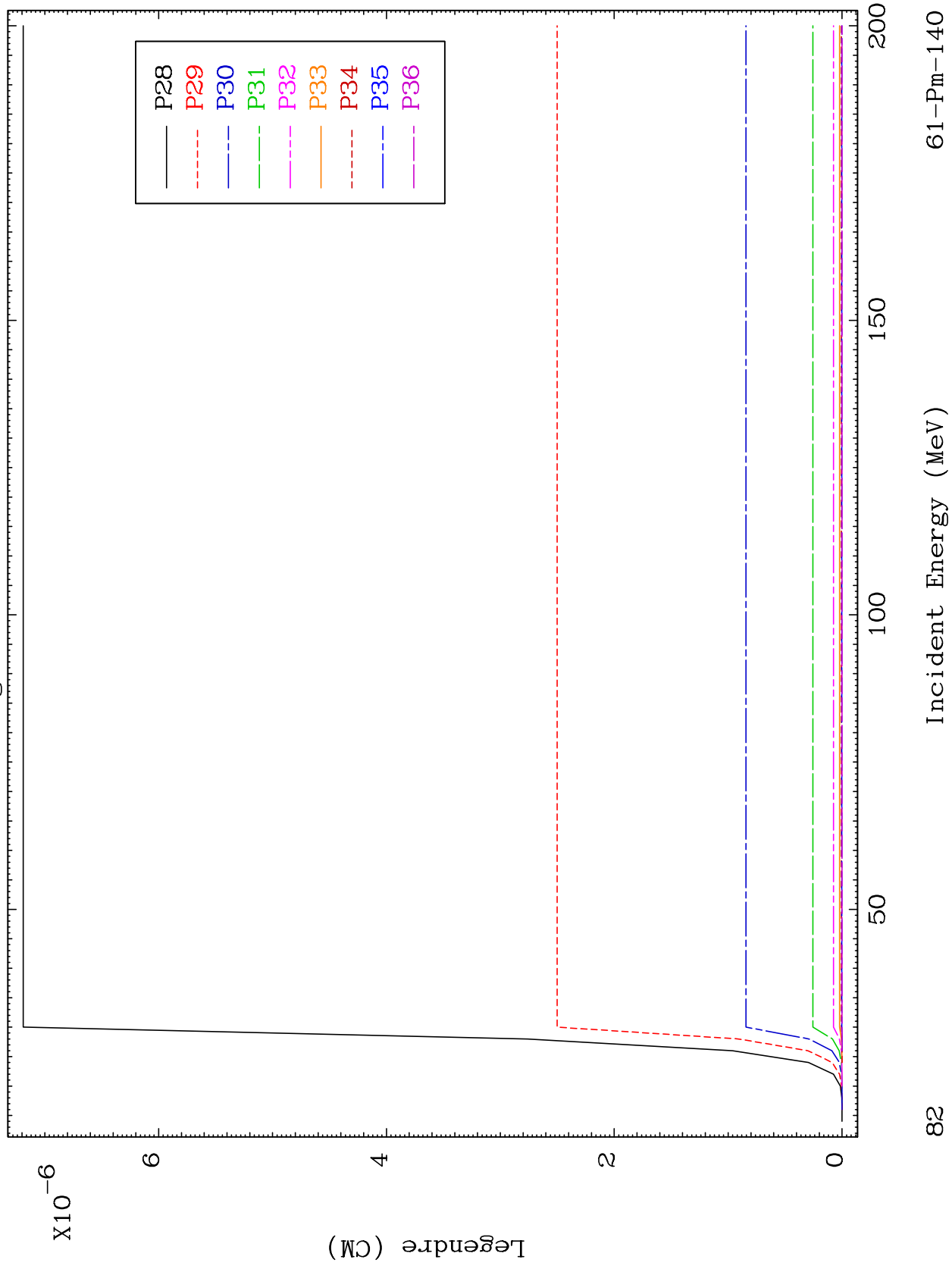
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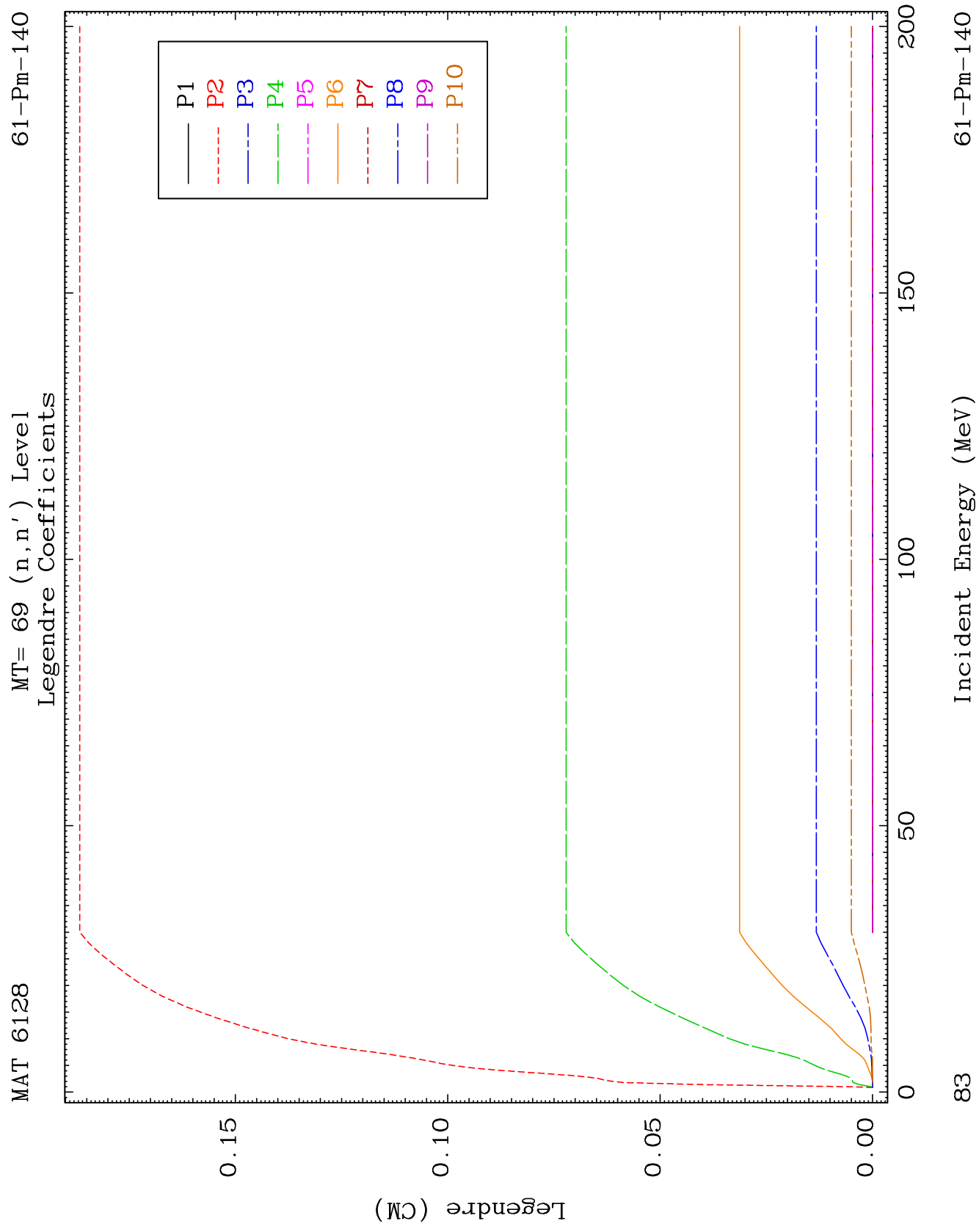


MAT 6128

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

61-Pm-140

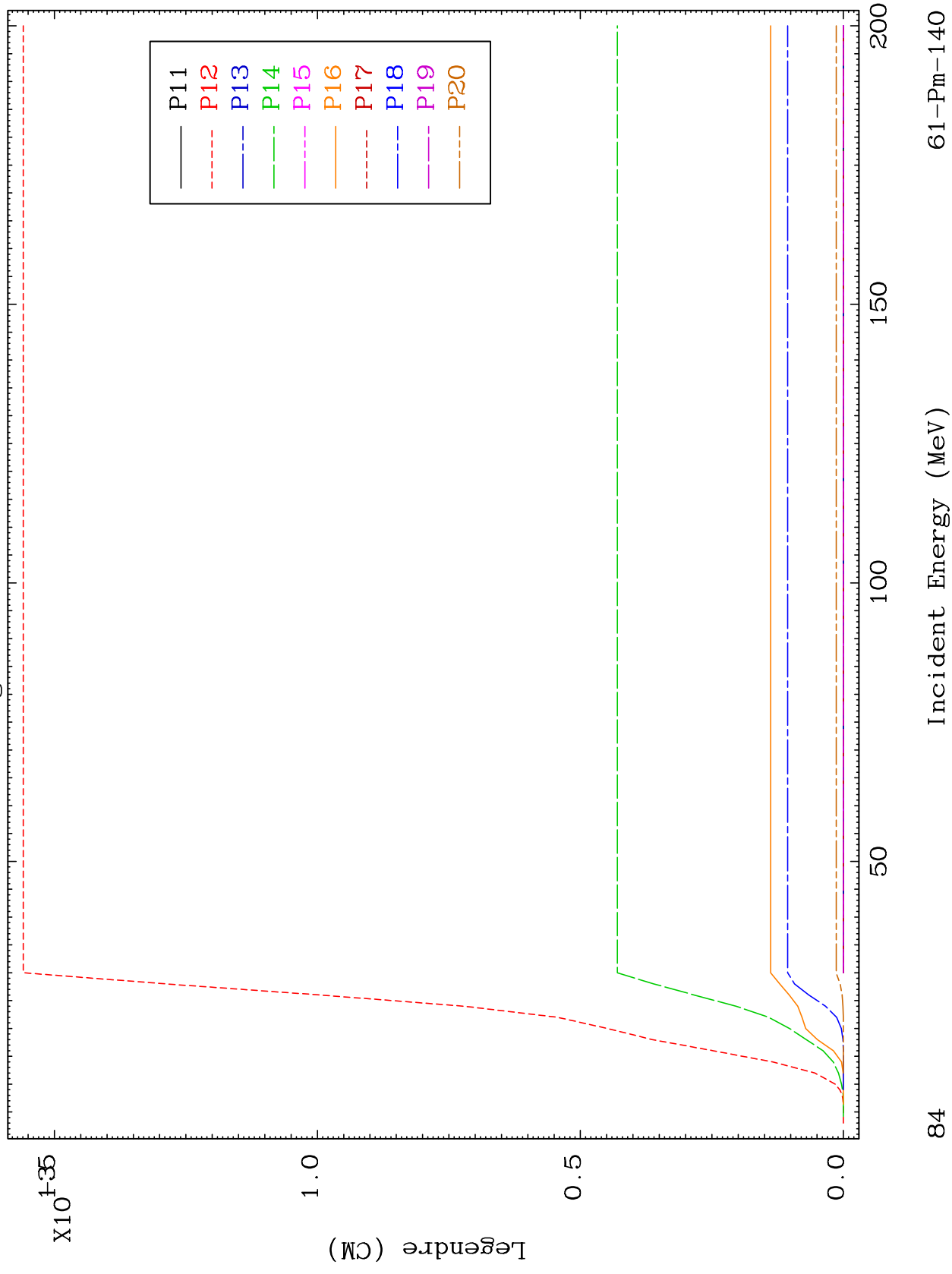


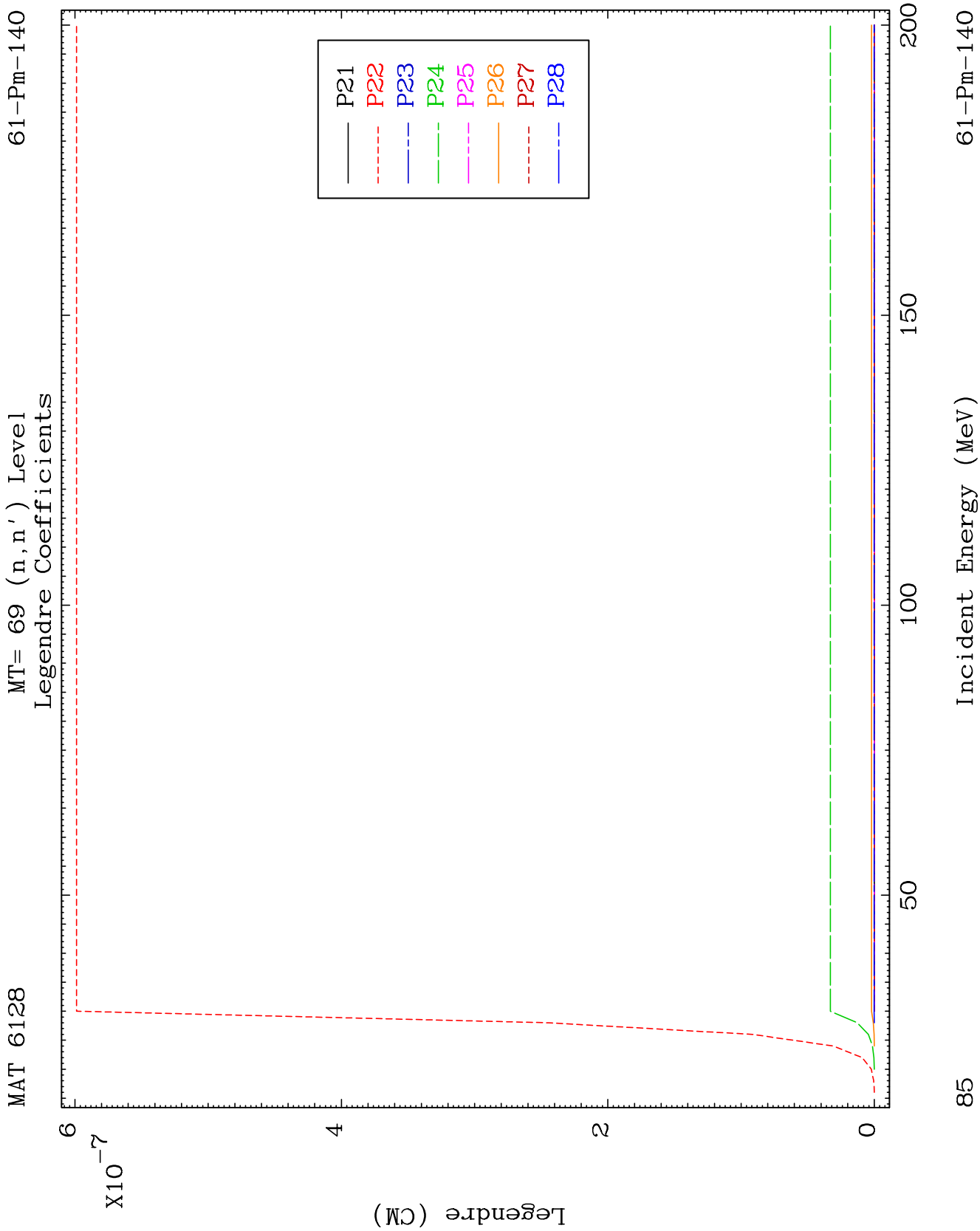


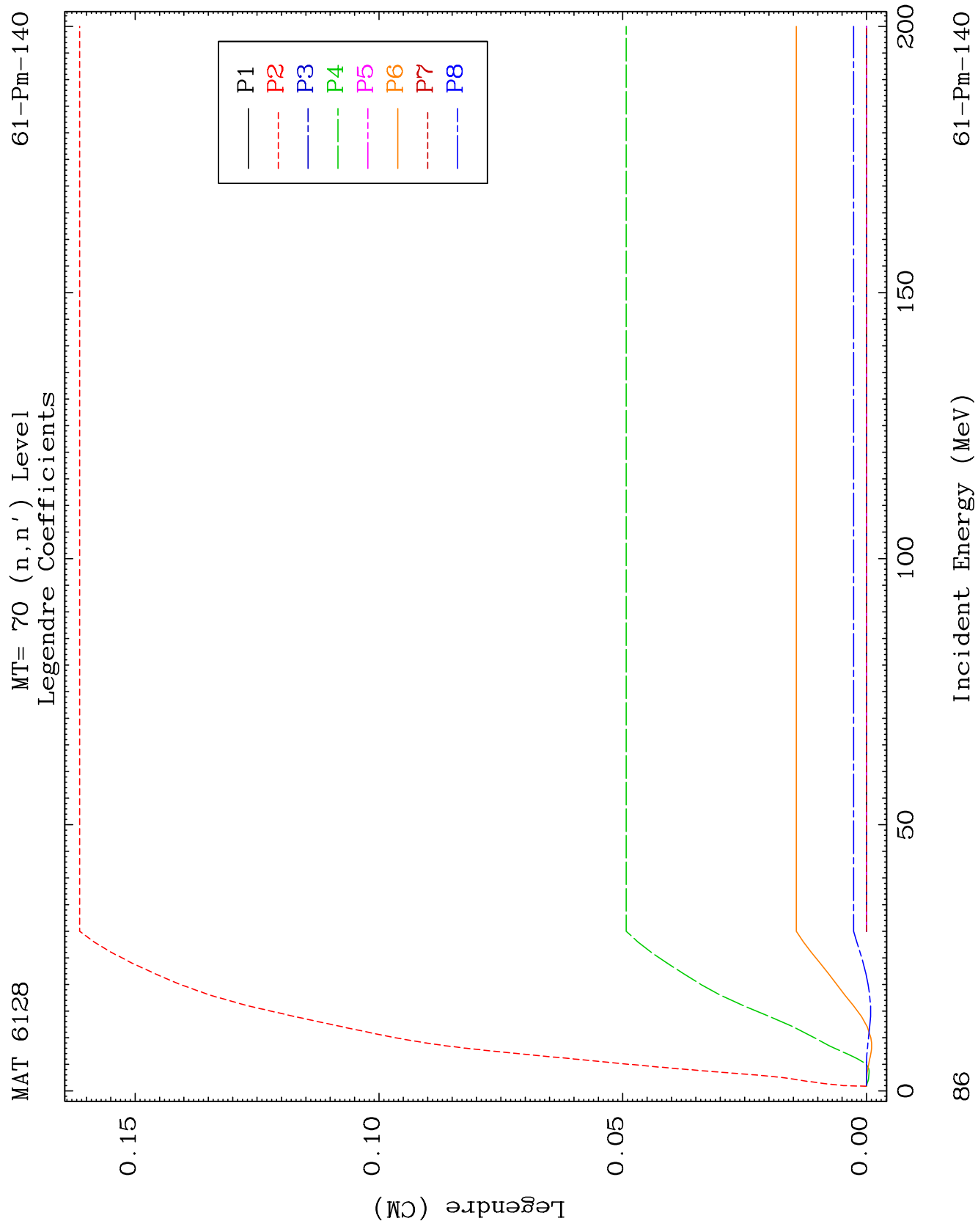
MAT 6128

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

61-Pm-140



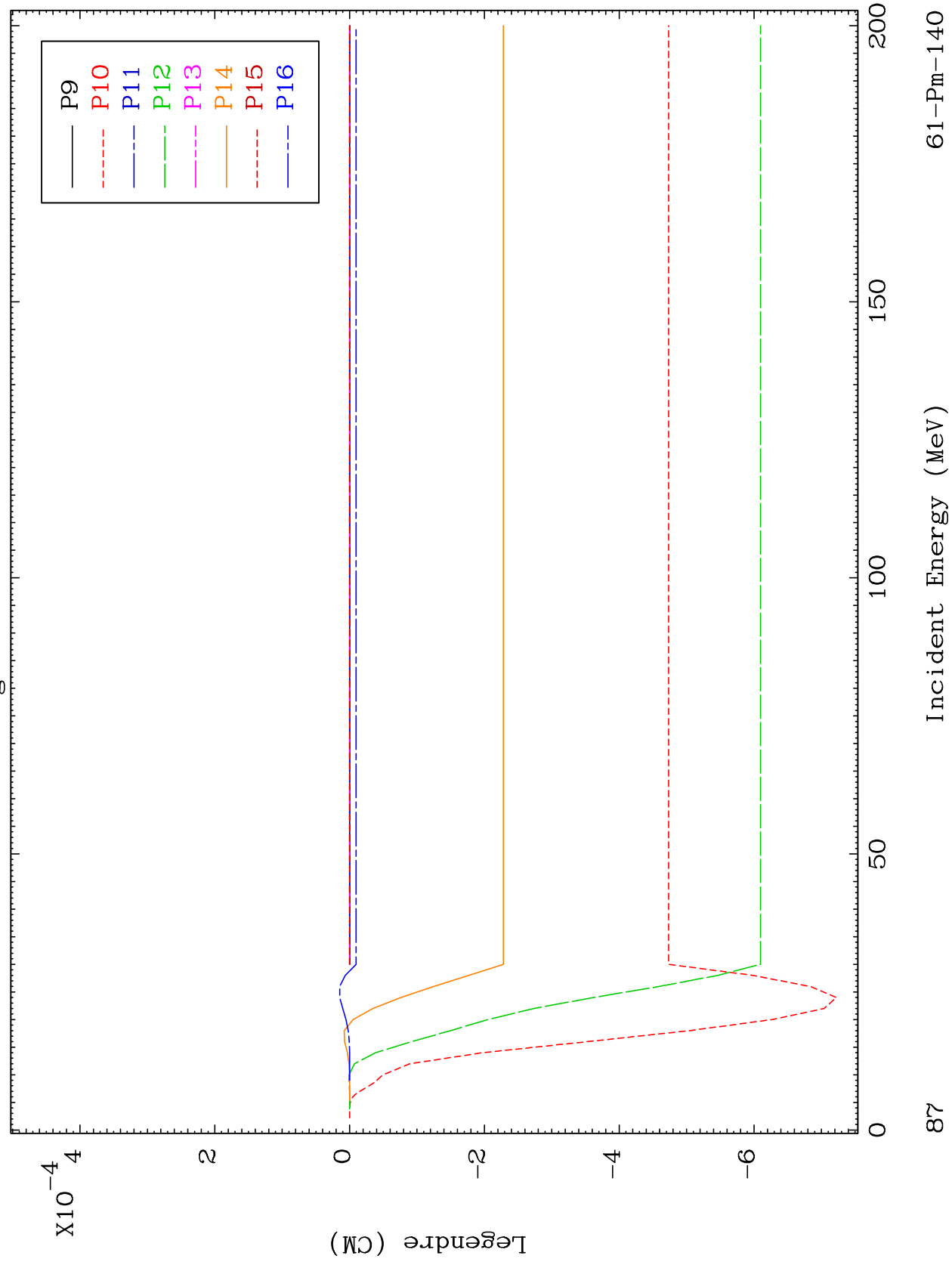


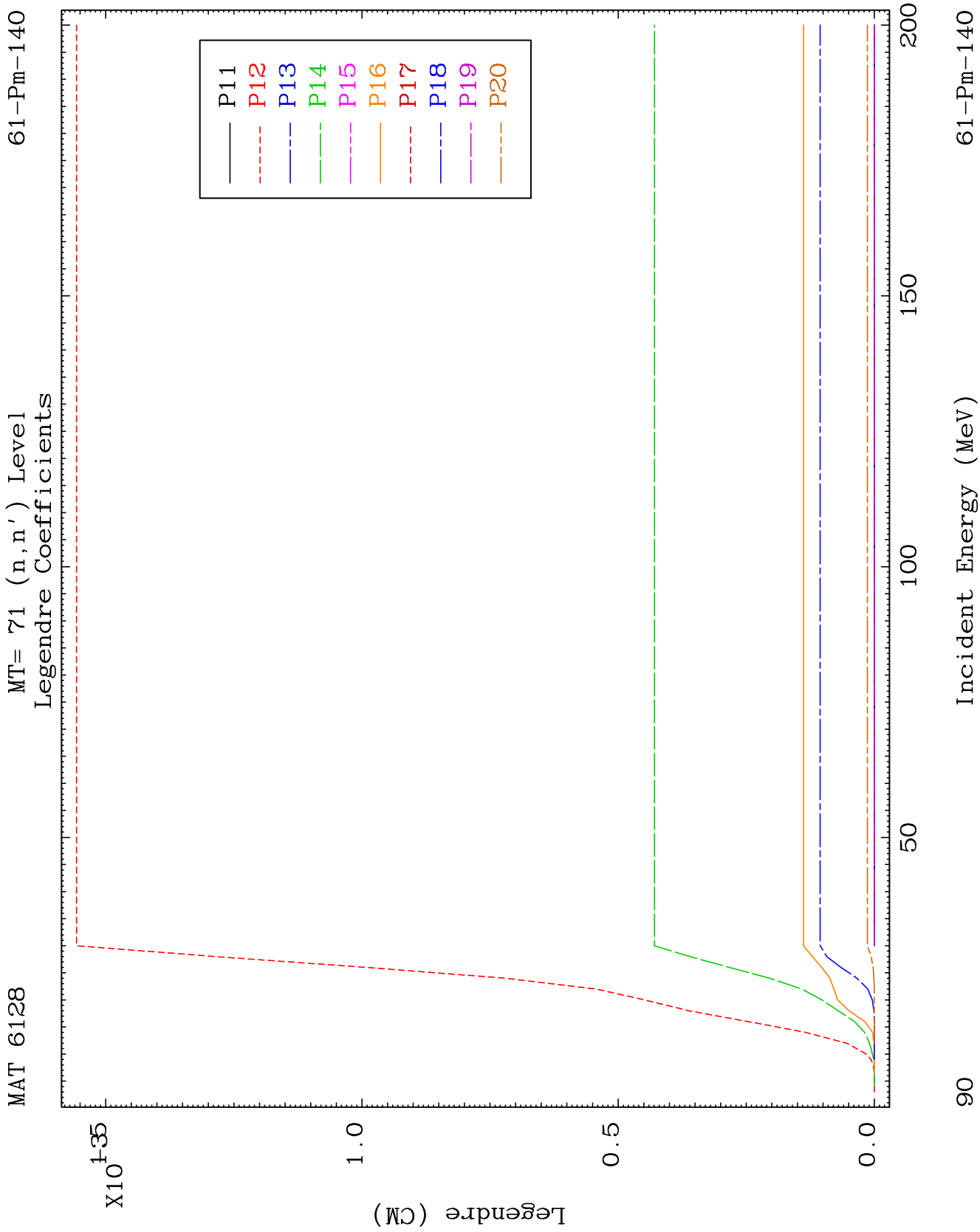


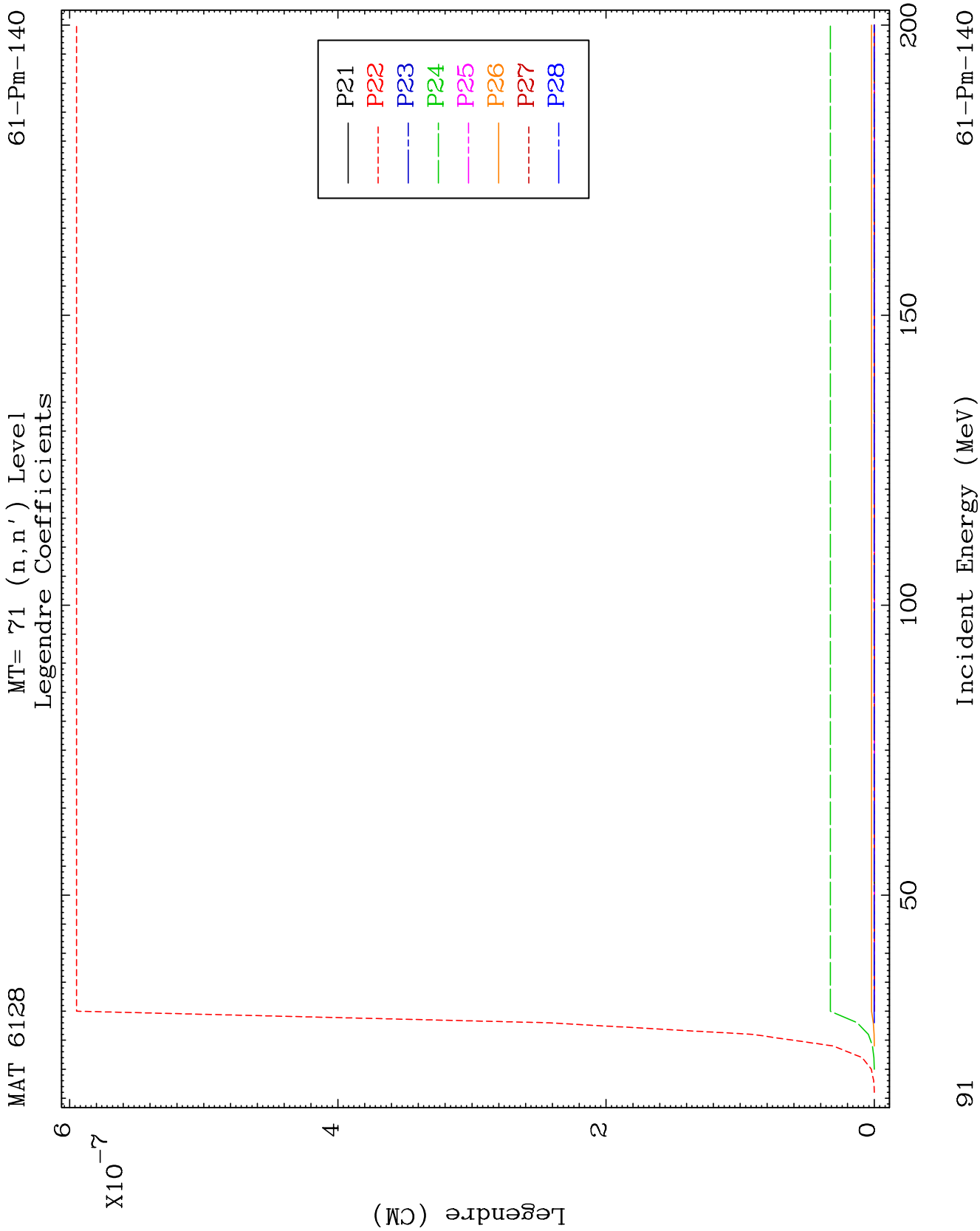
MAT 6128

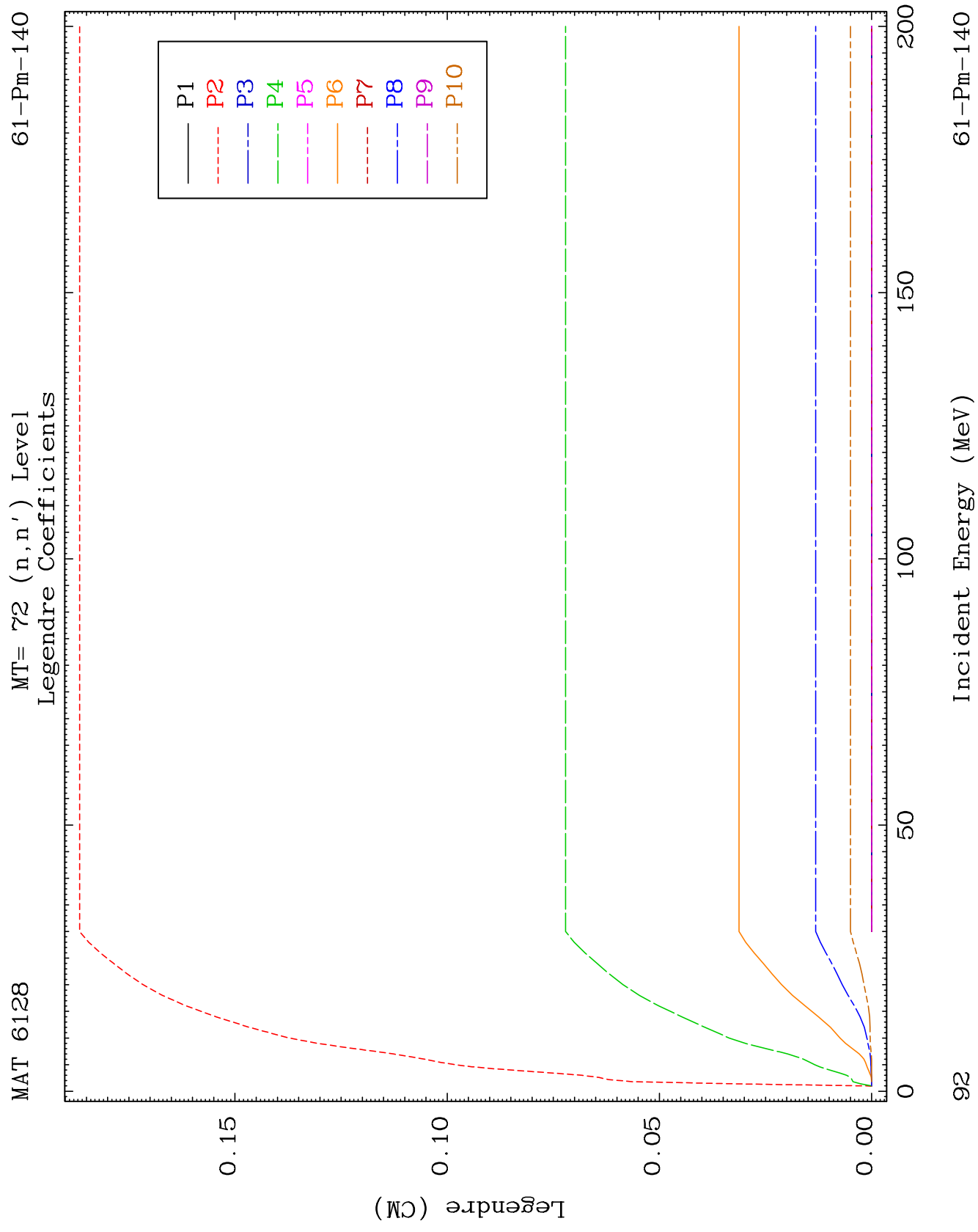
MT= 70 (n, n') Level
Legendre Coefficients

61-Pm-140





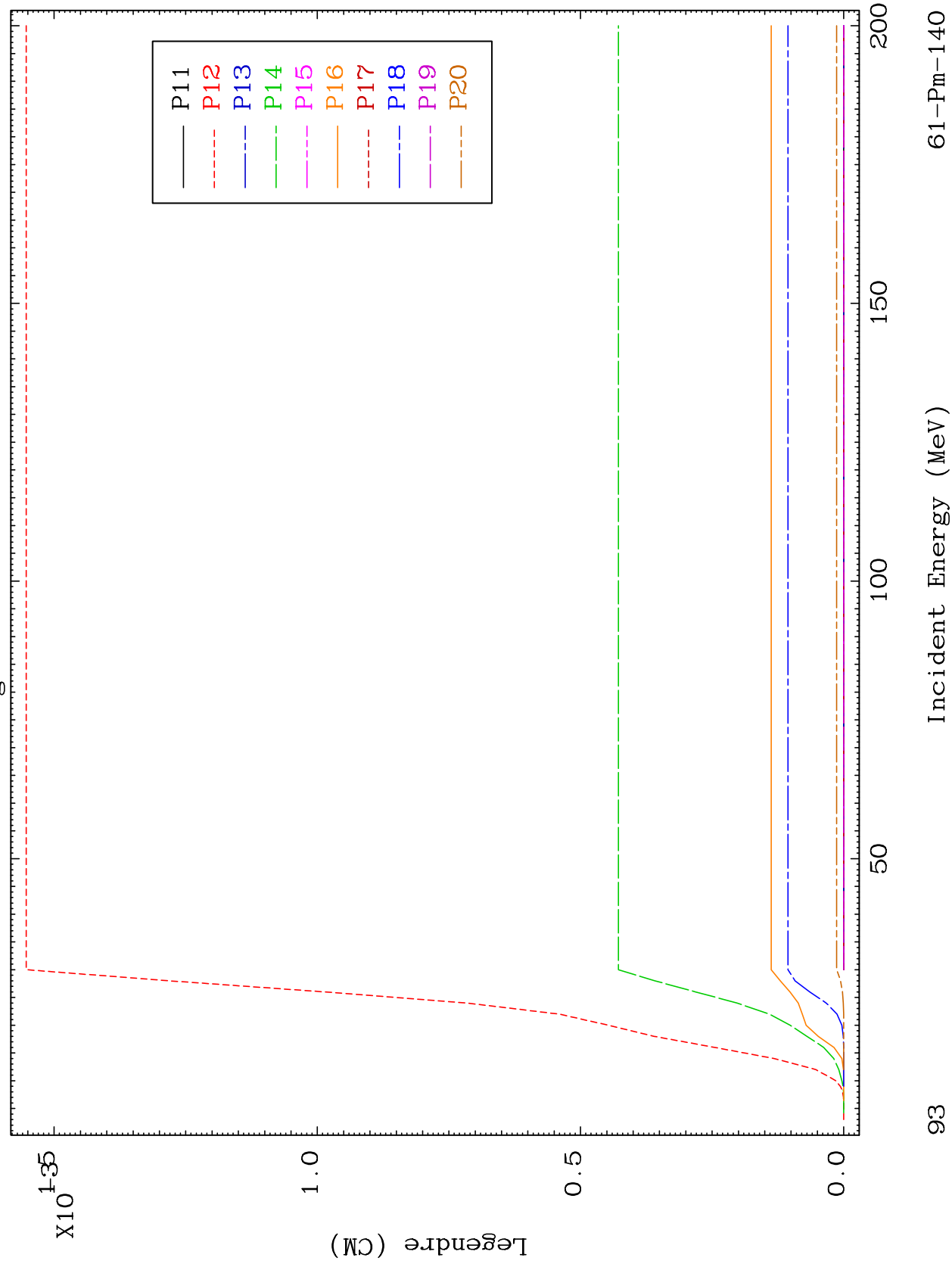


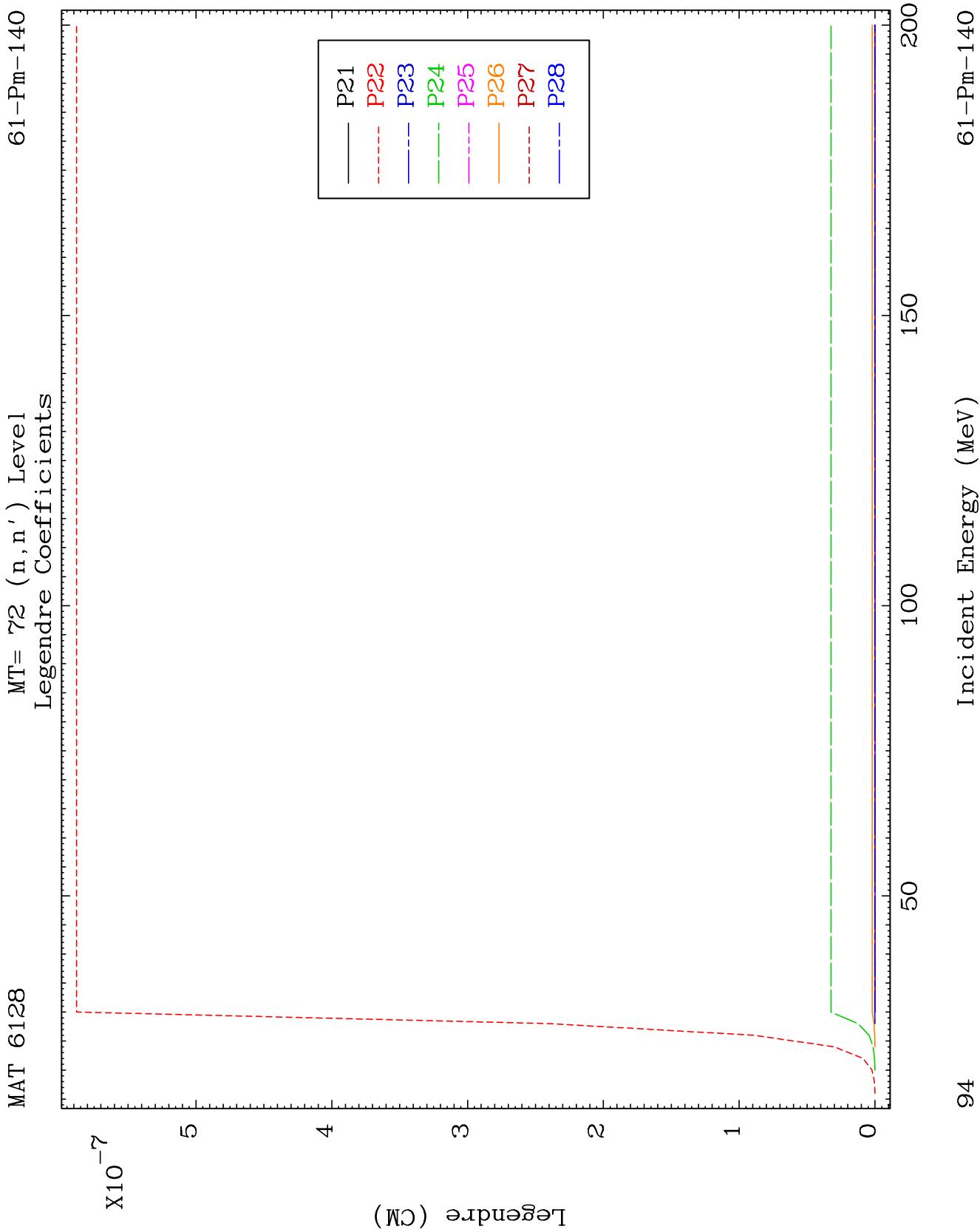


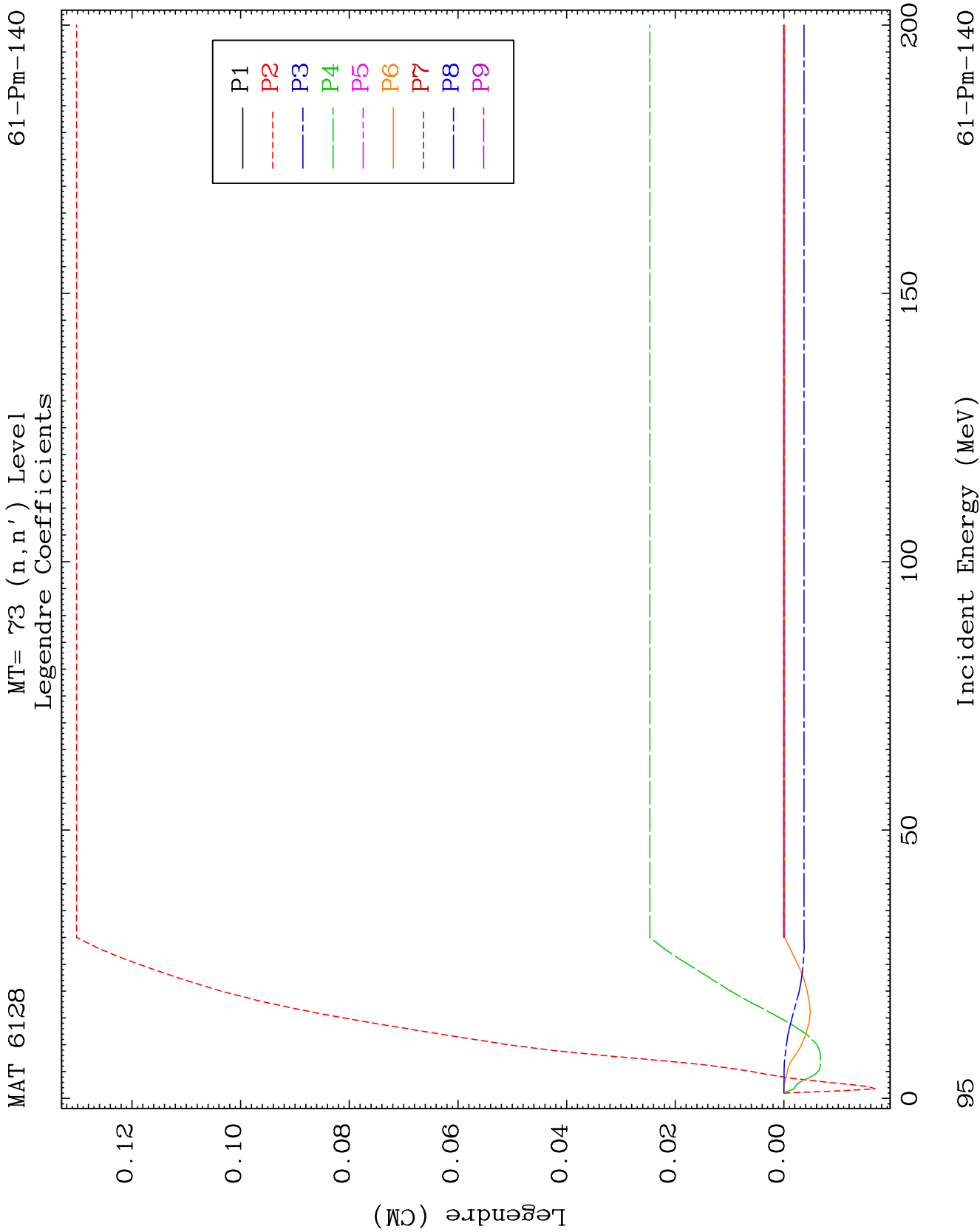
MAT 6128

MT= 72 (n, n') Level
Legendre Coefficients

61-Pm-140



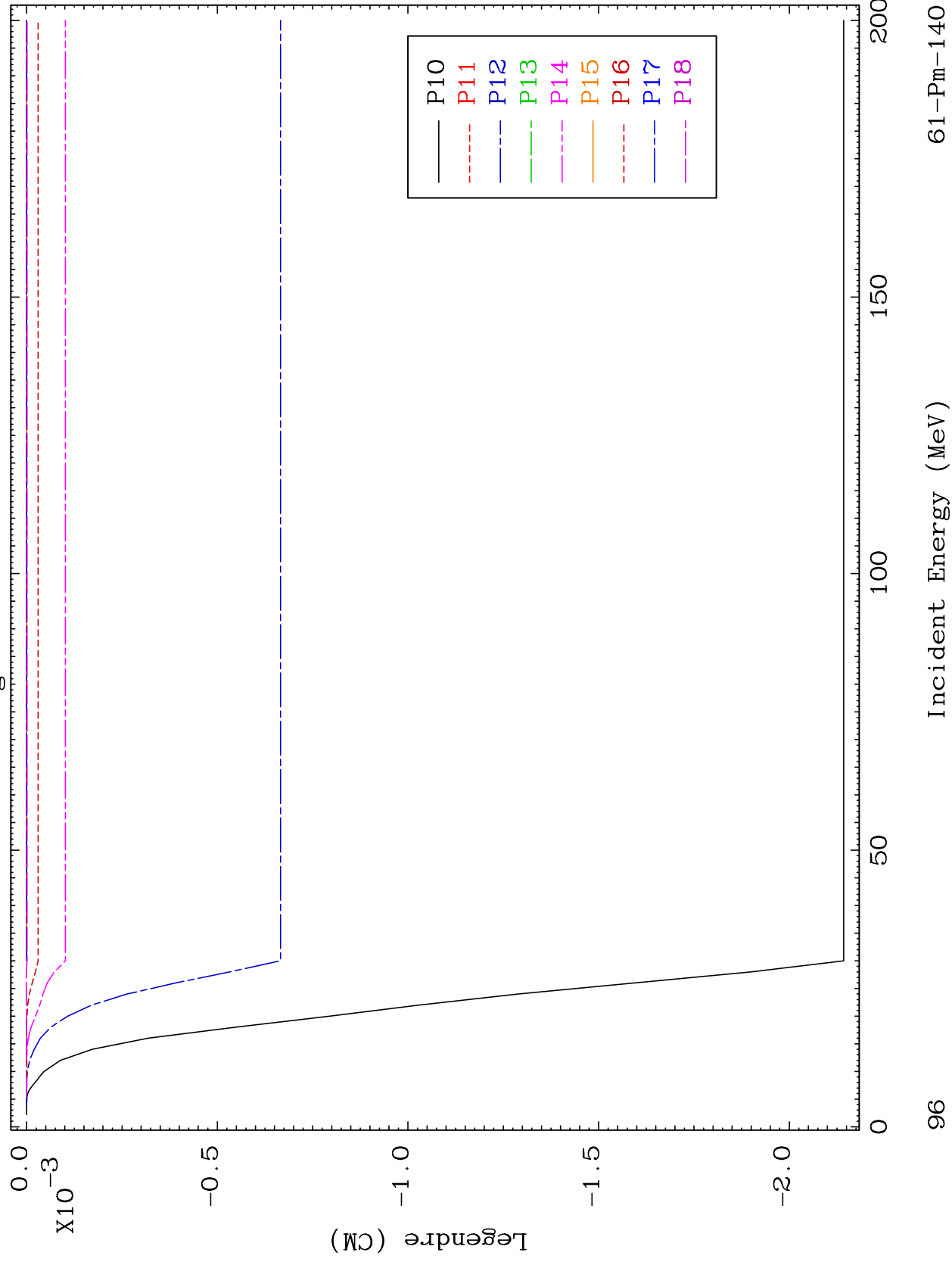




MAT 6128

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

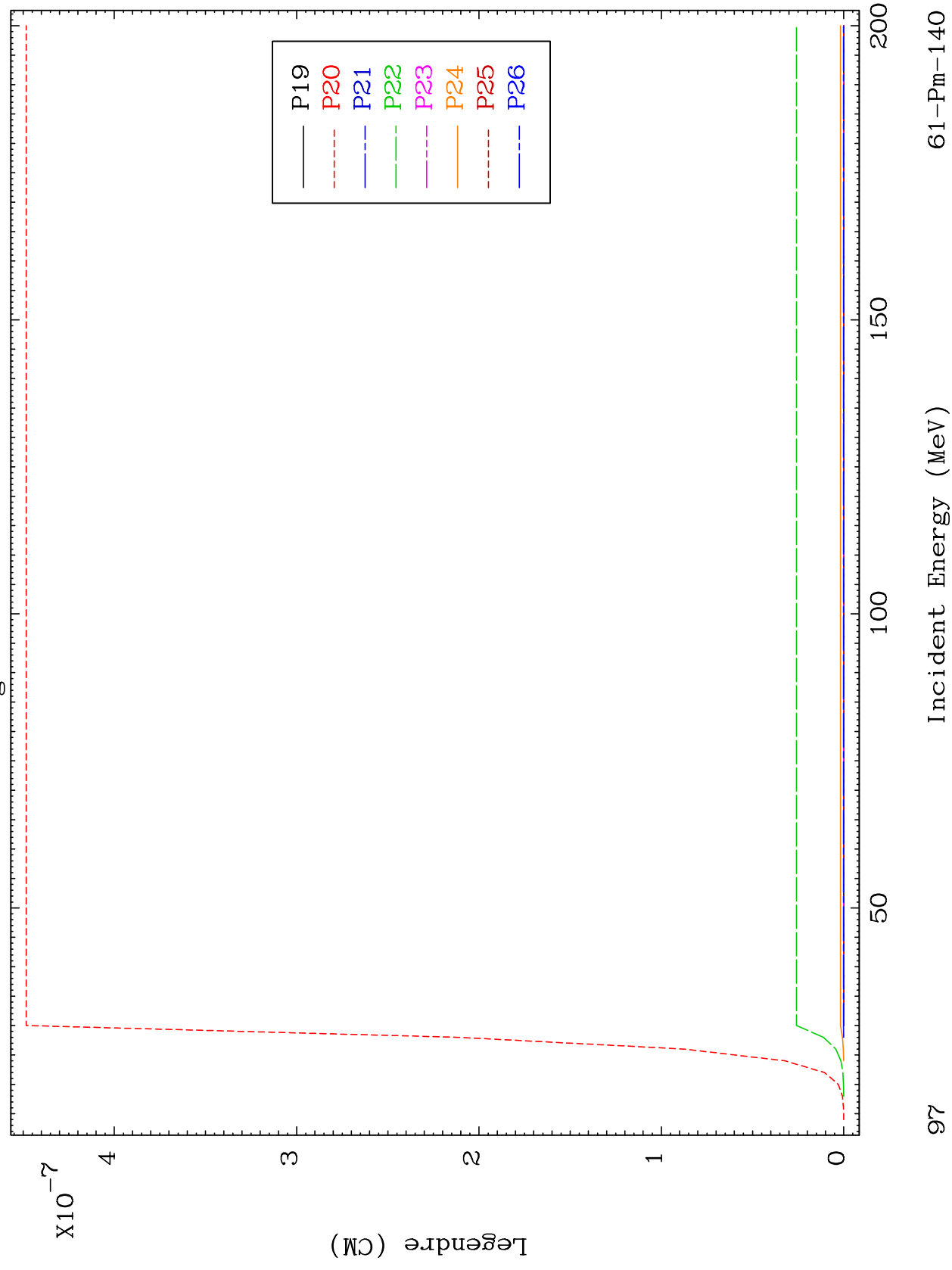
61-Pm-140

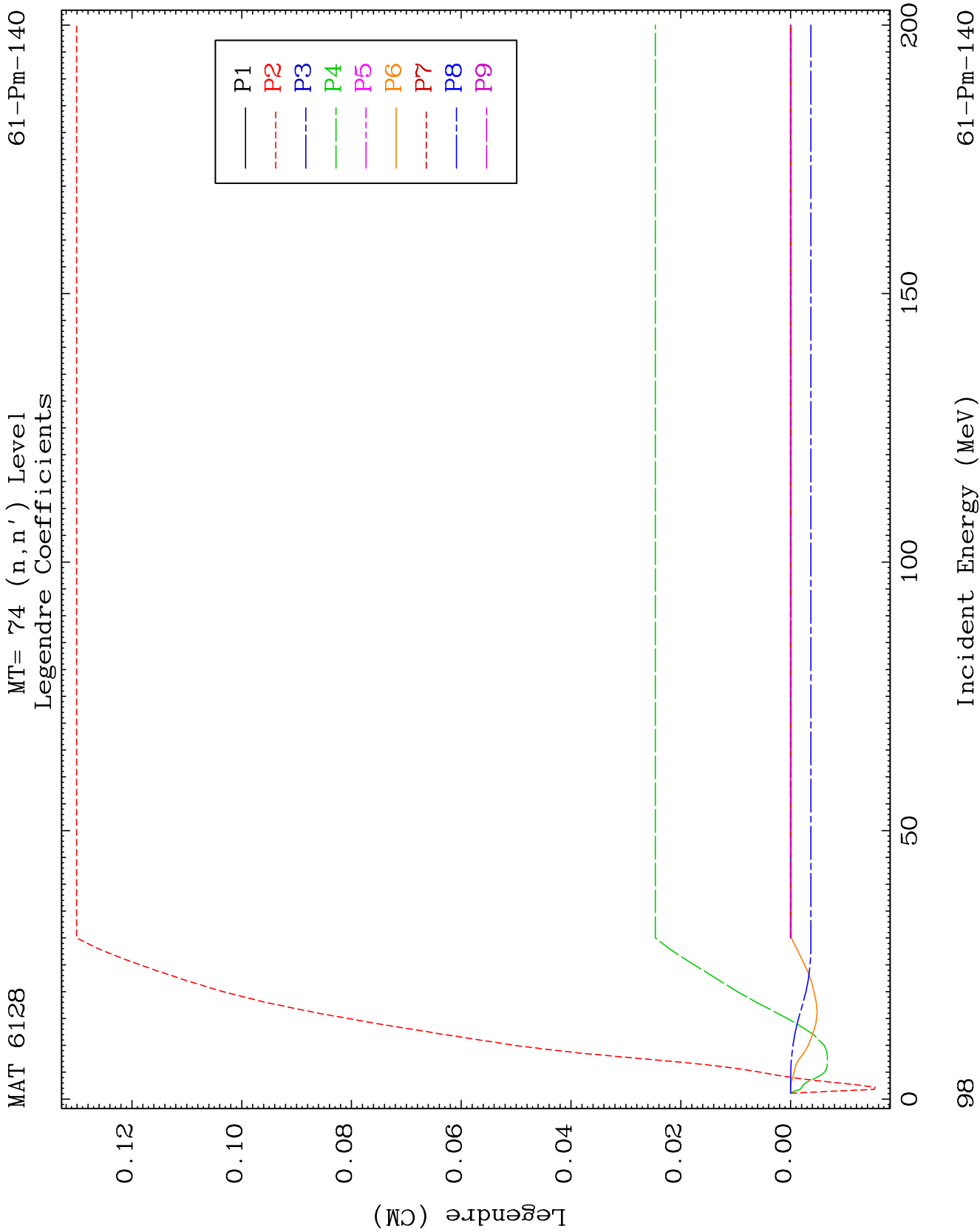


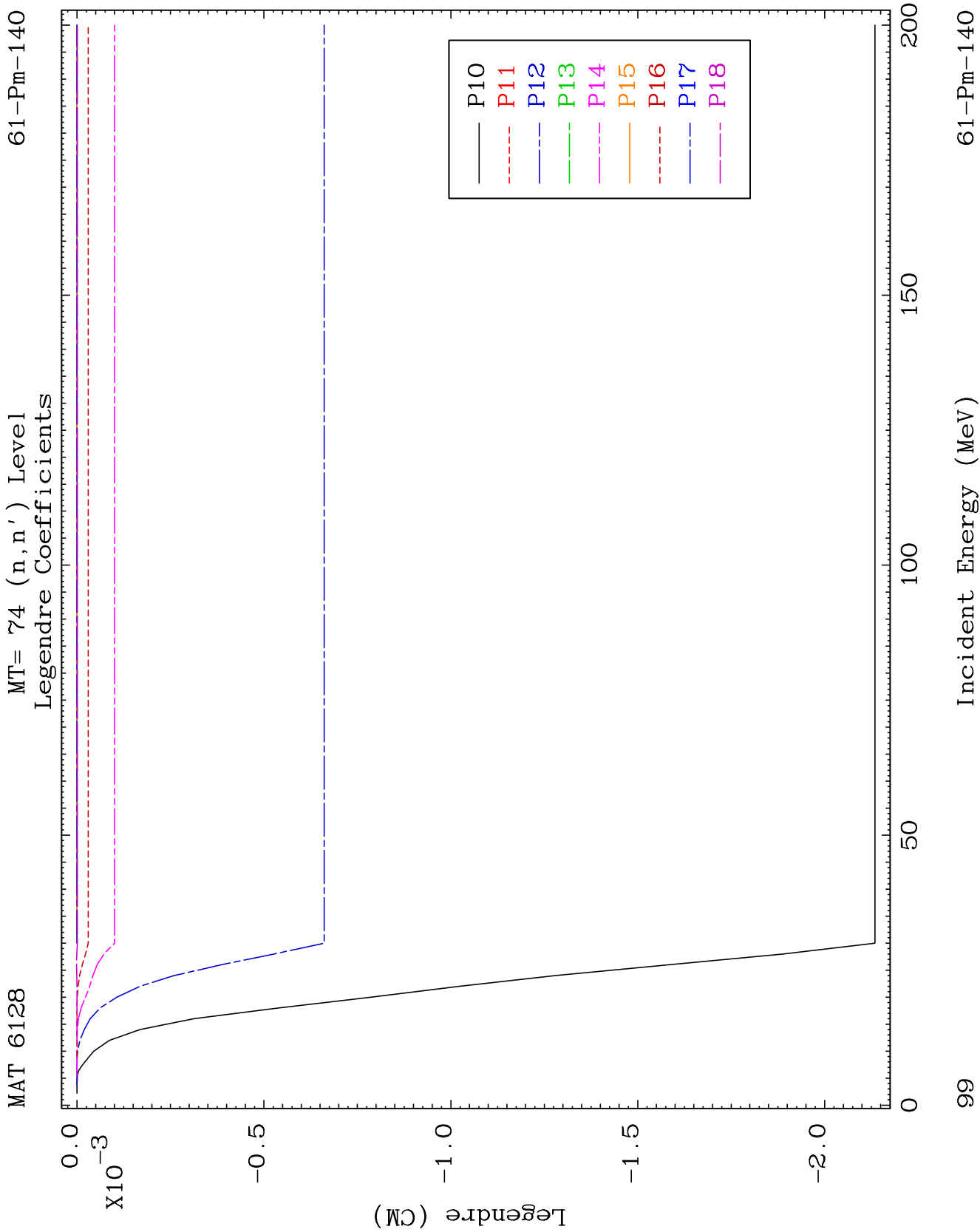
MAT 6128

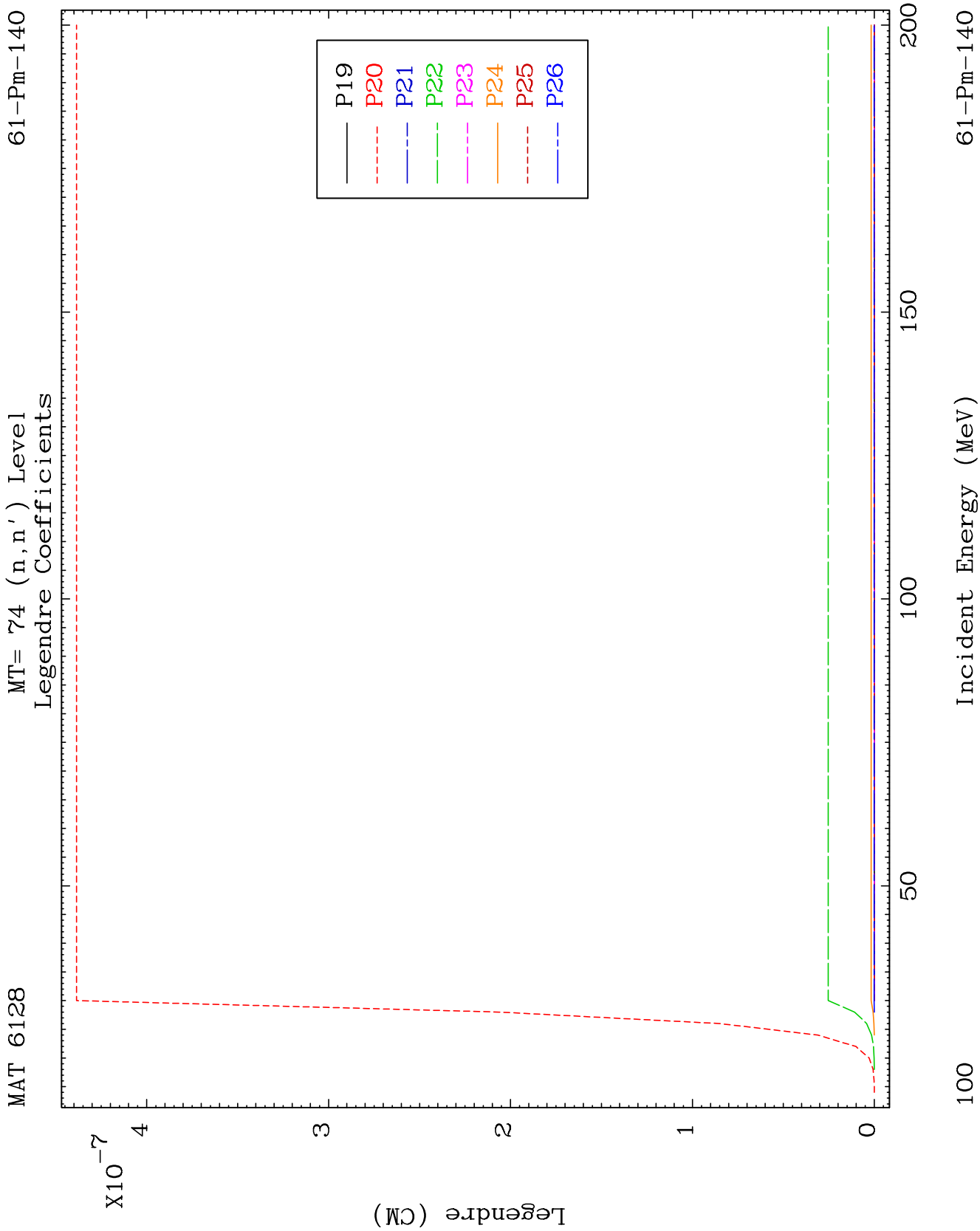
MT= 73 (n, n') Level
Legendre Coefficients

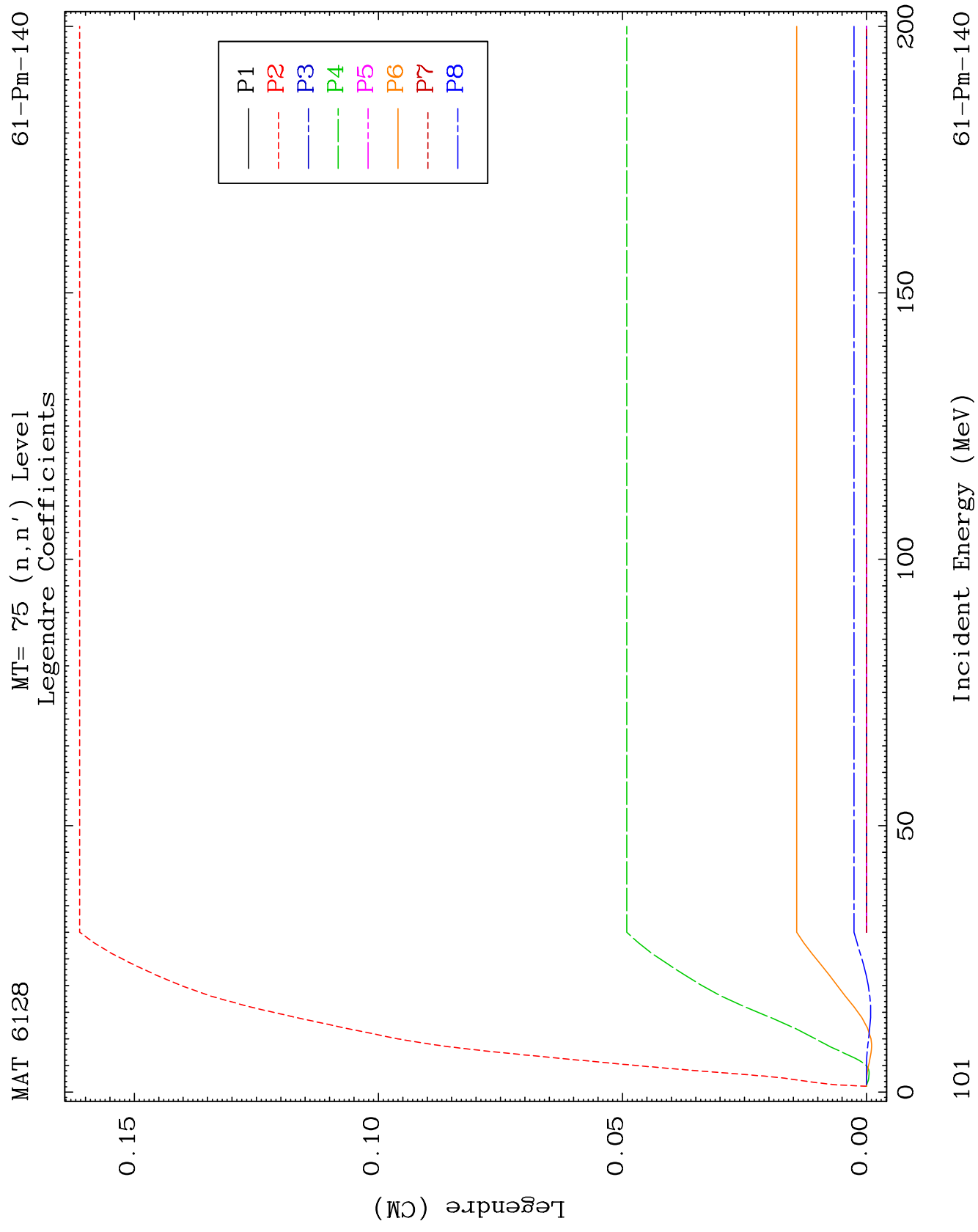
61-Pm-140

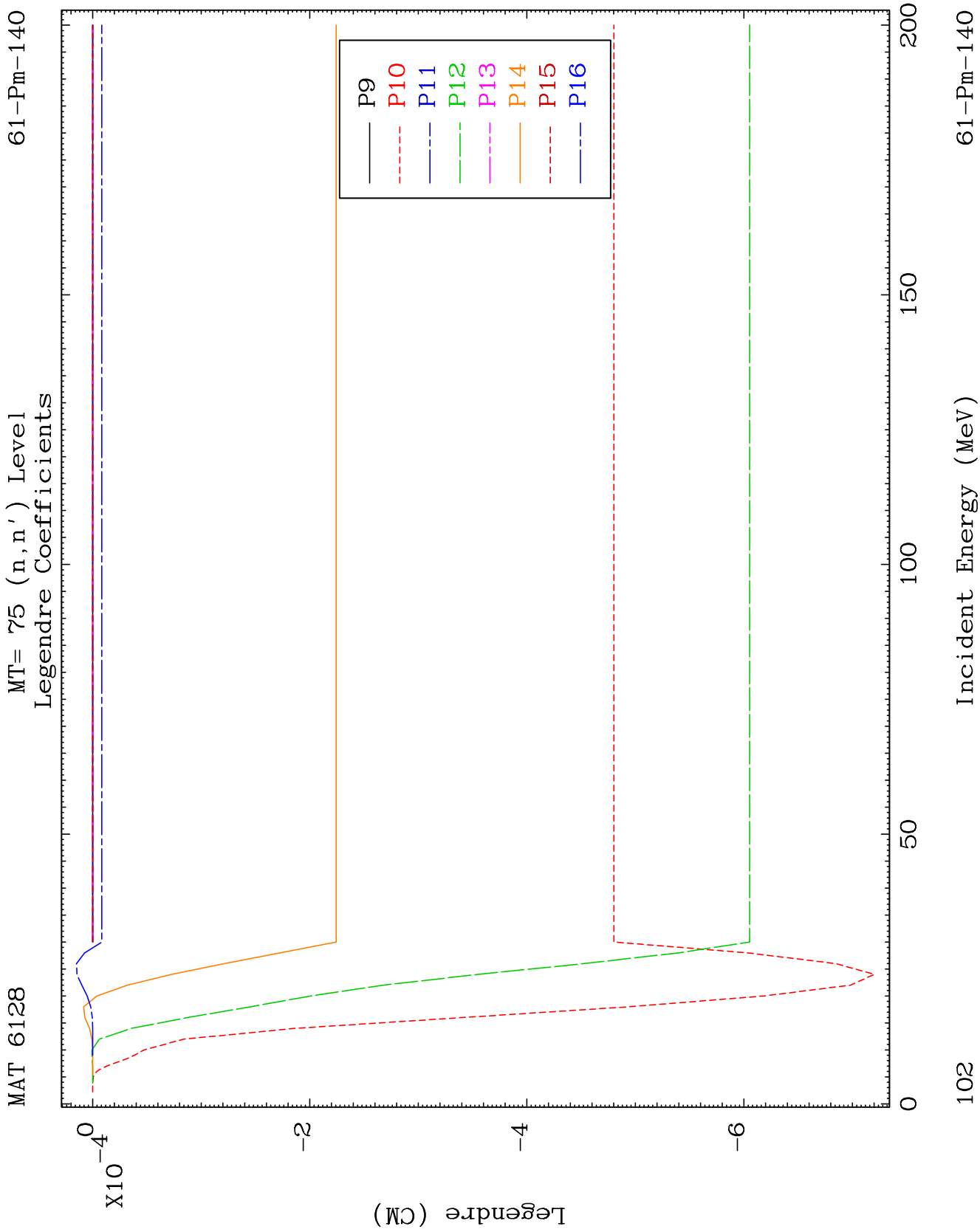


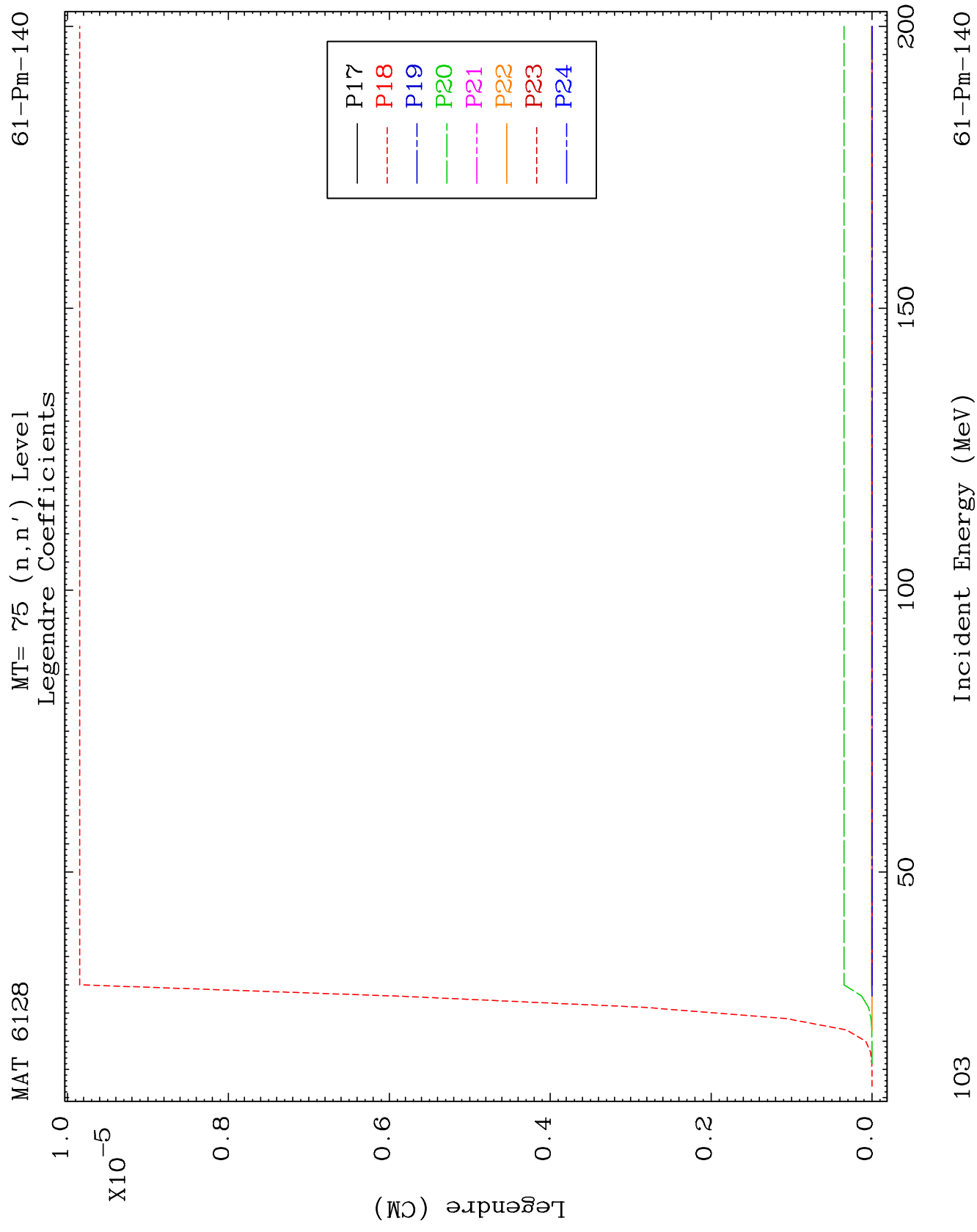


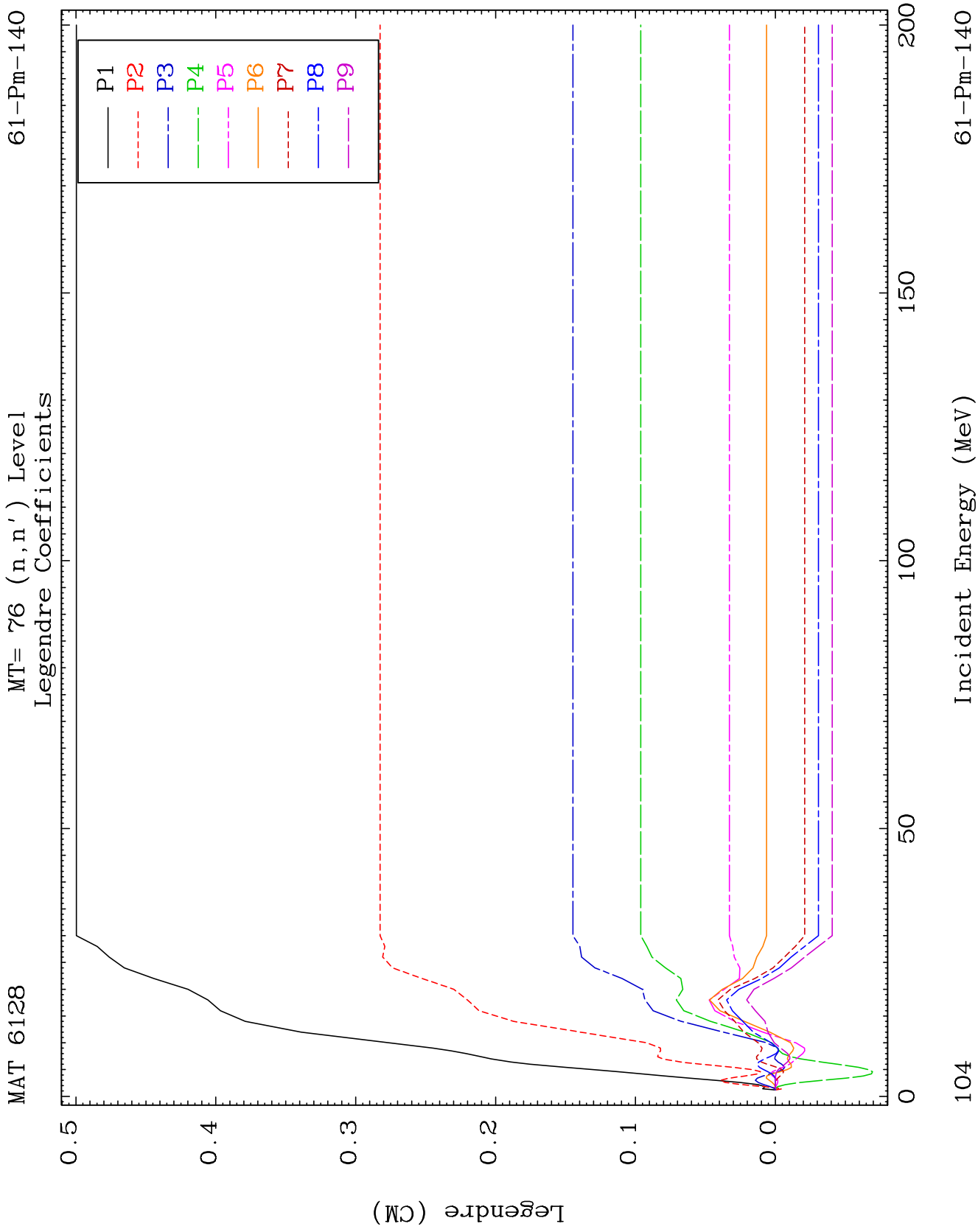


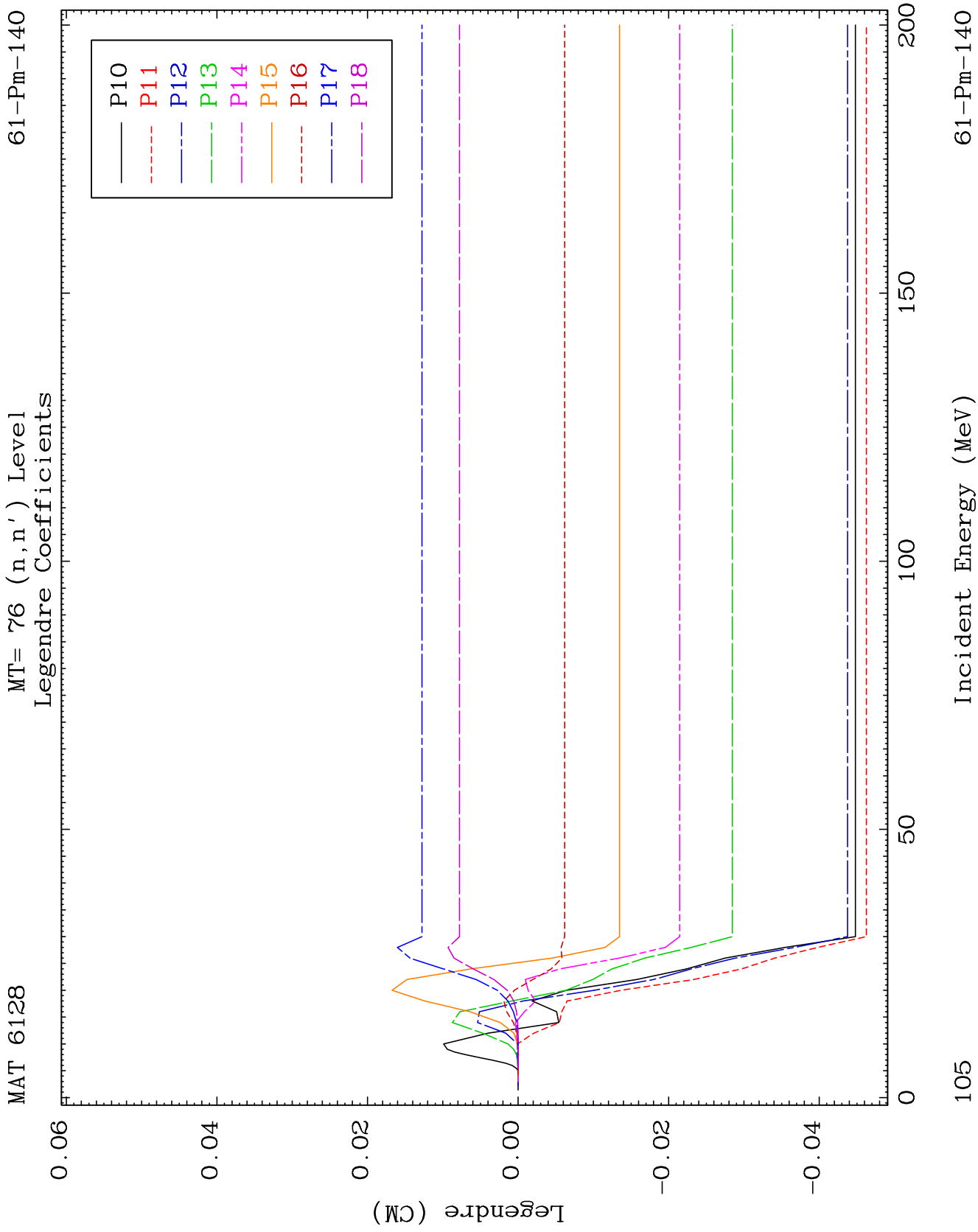


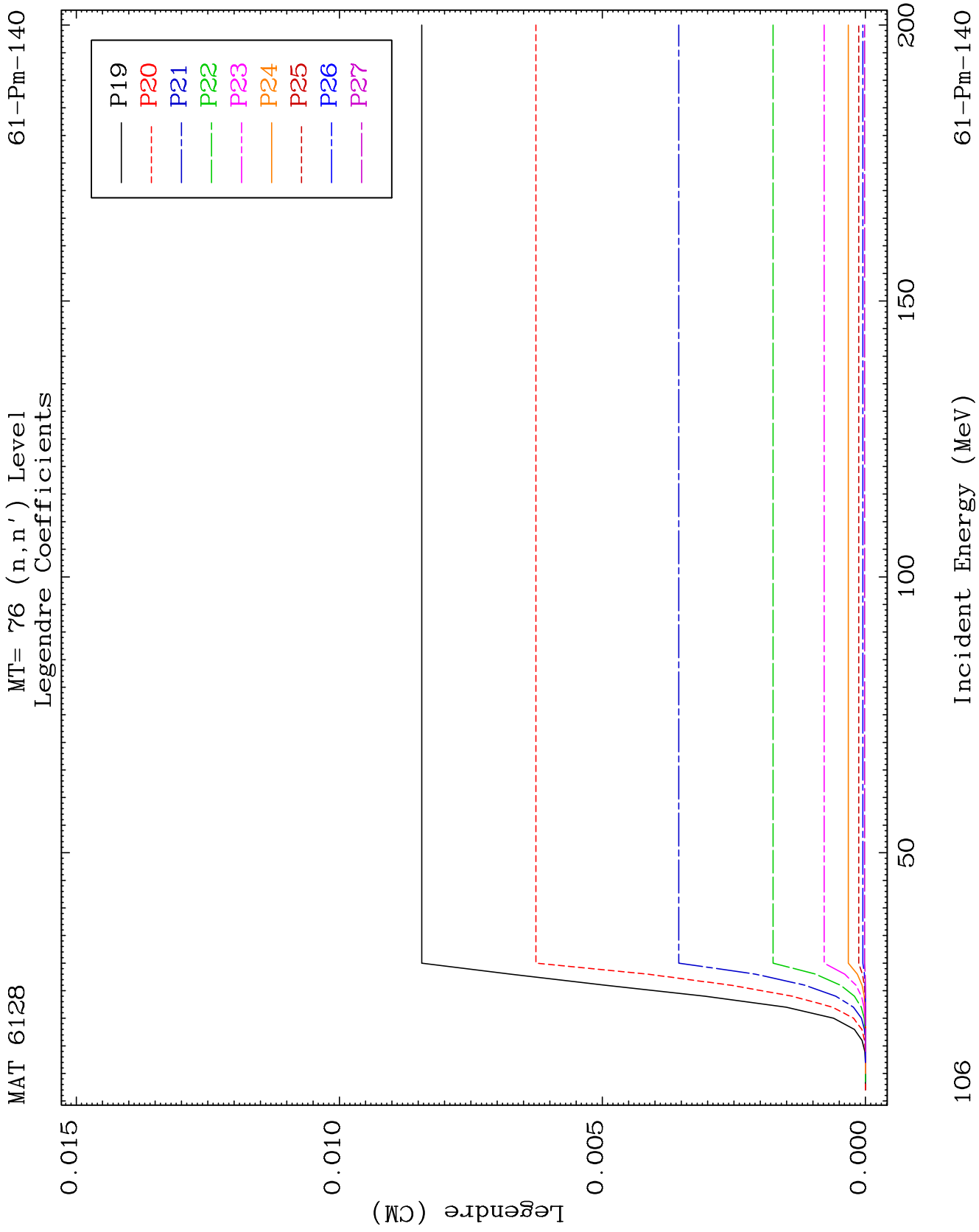








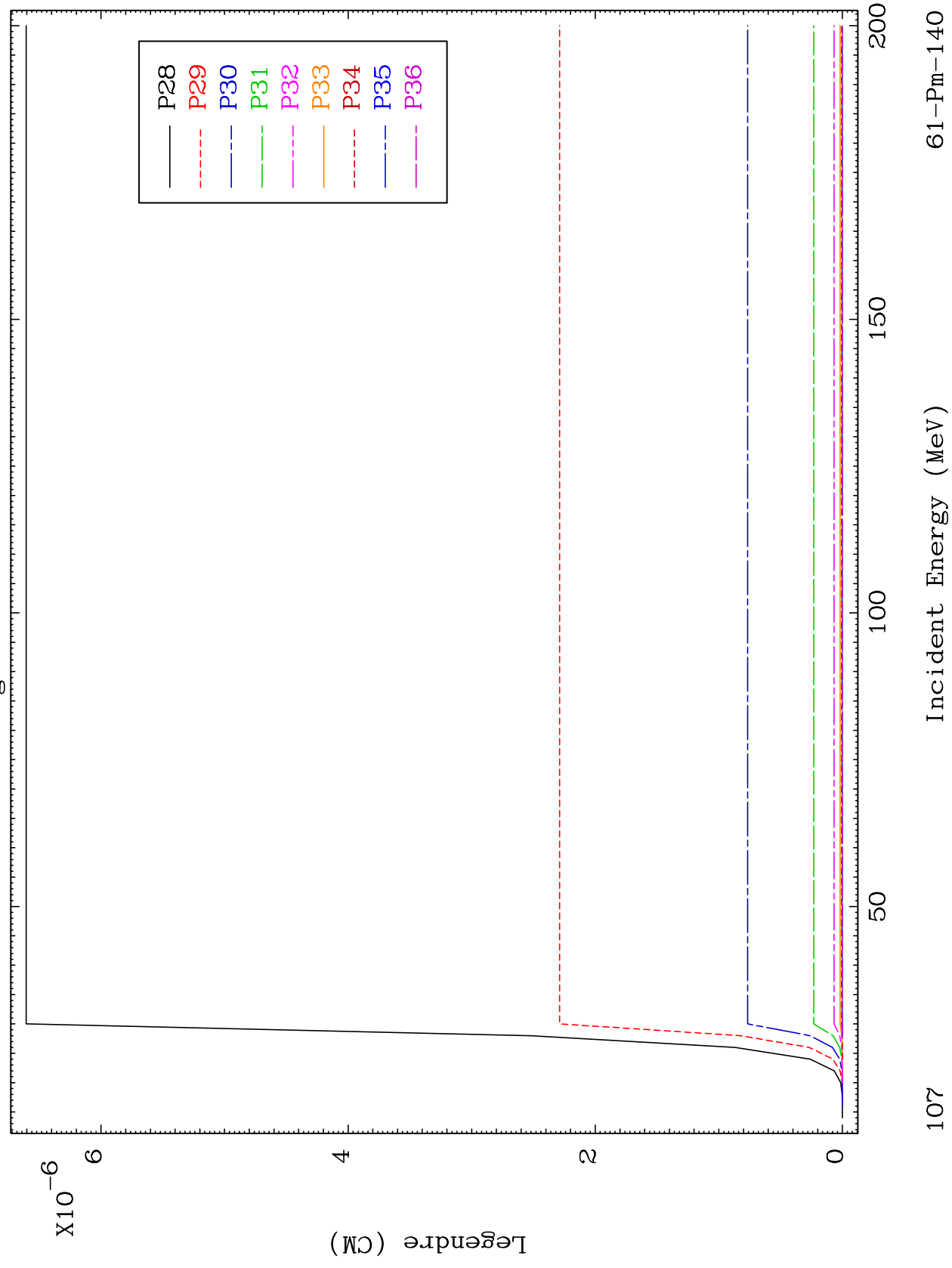




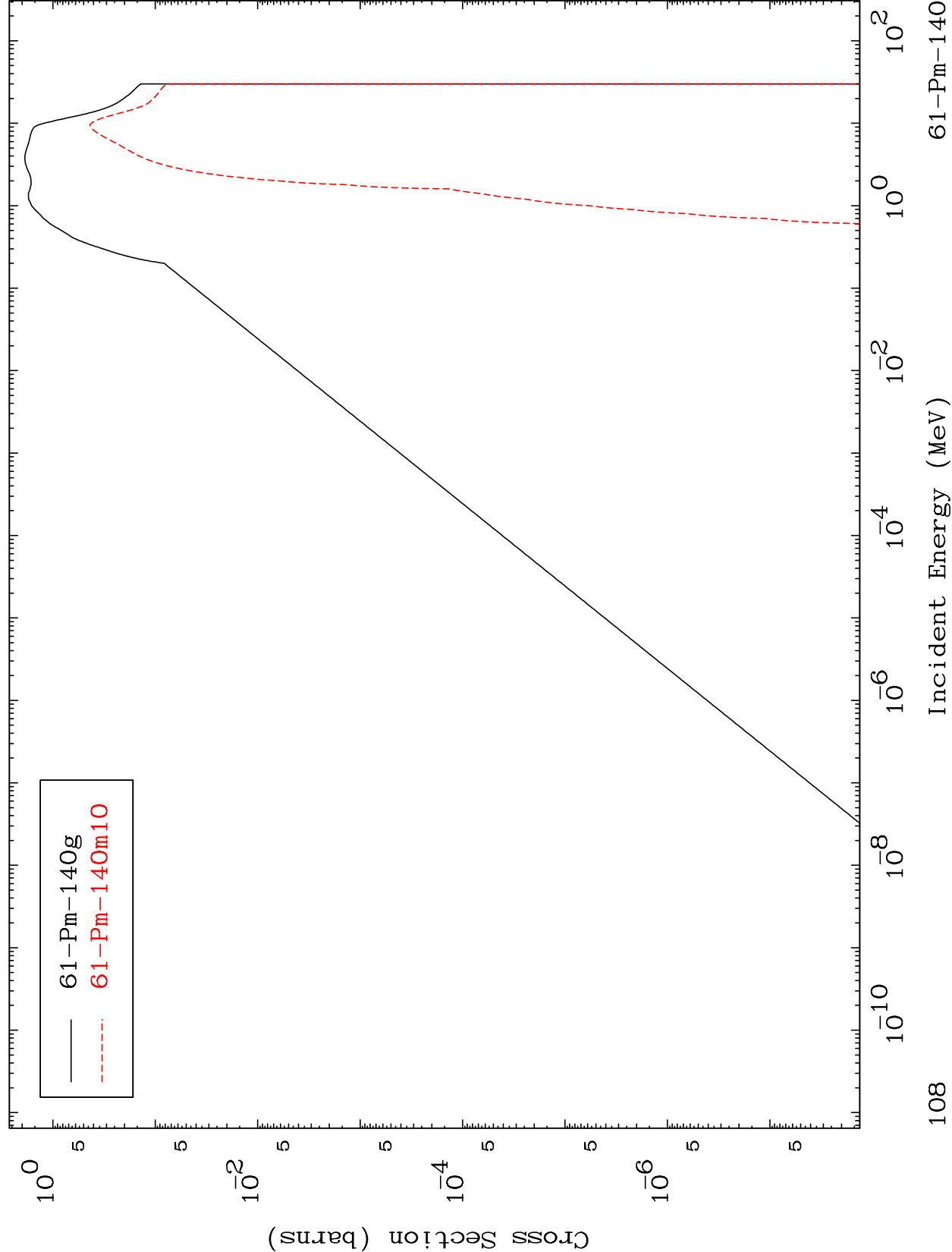
MAT 6128

MT= 76 (n, n') Level
Legendre Coefficients

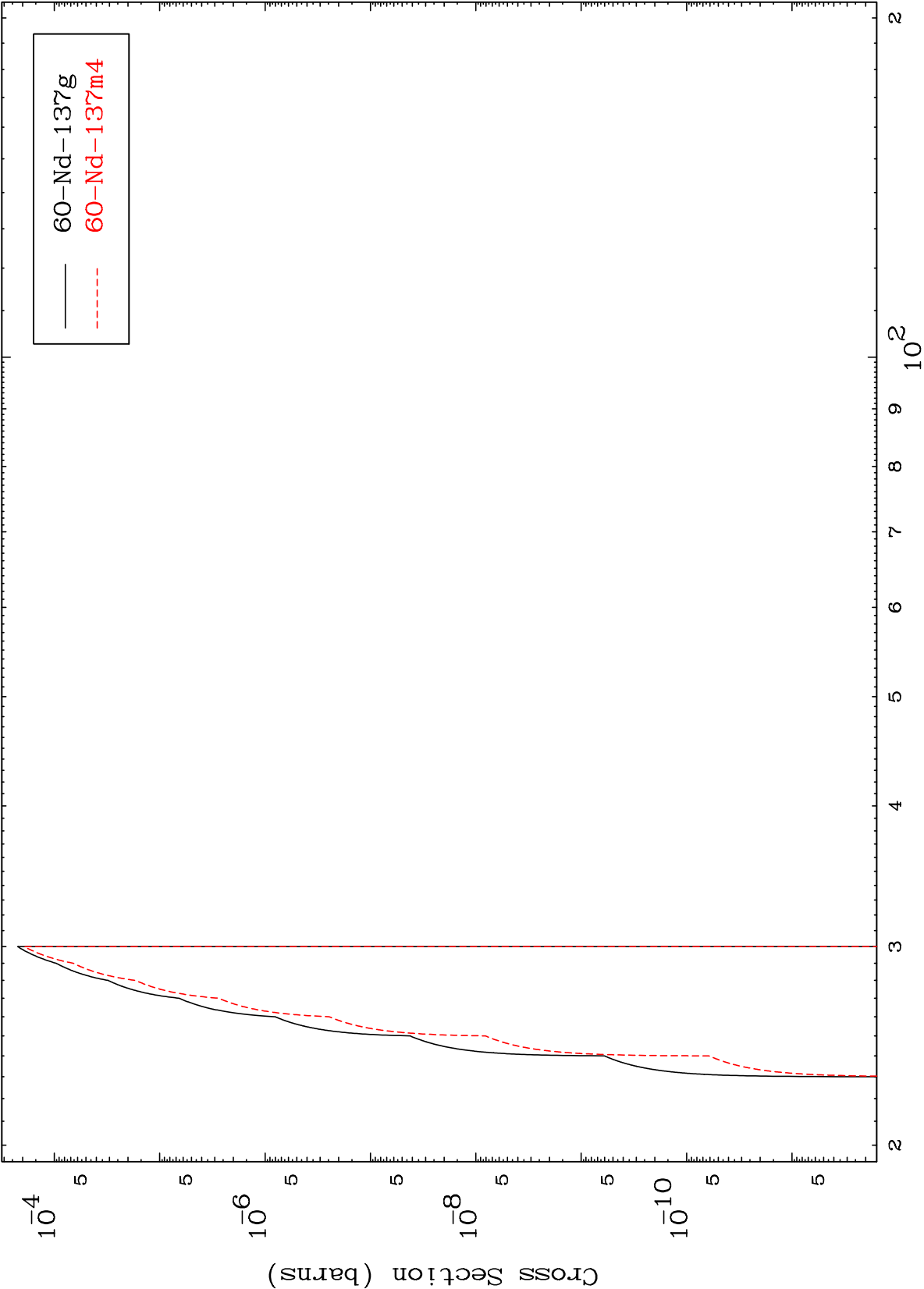
61-Pm-140

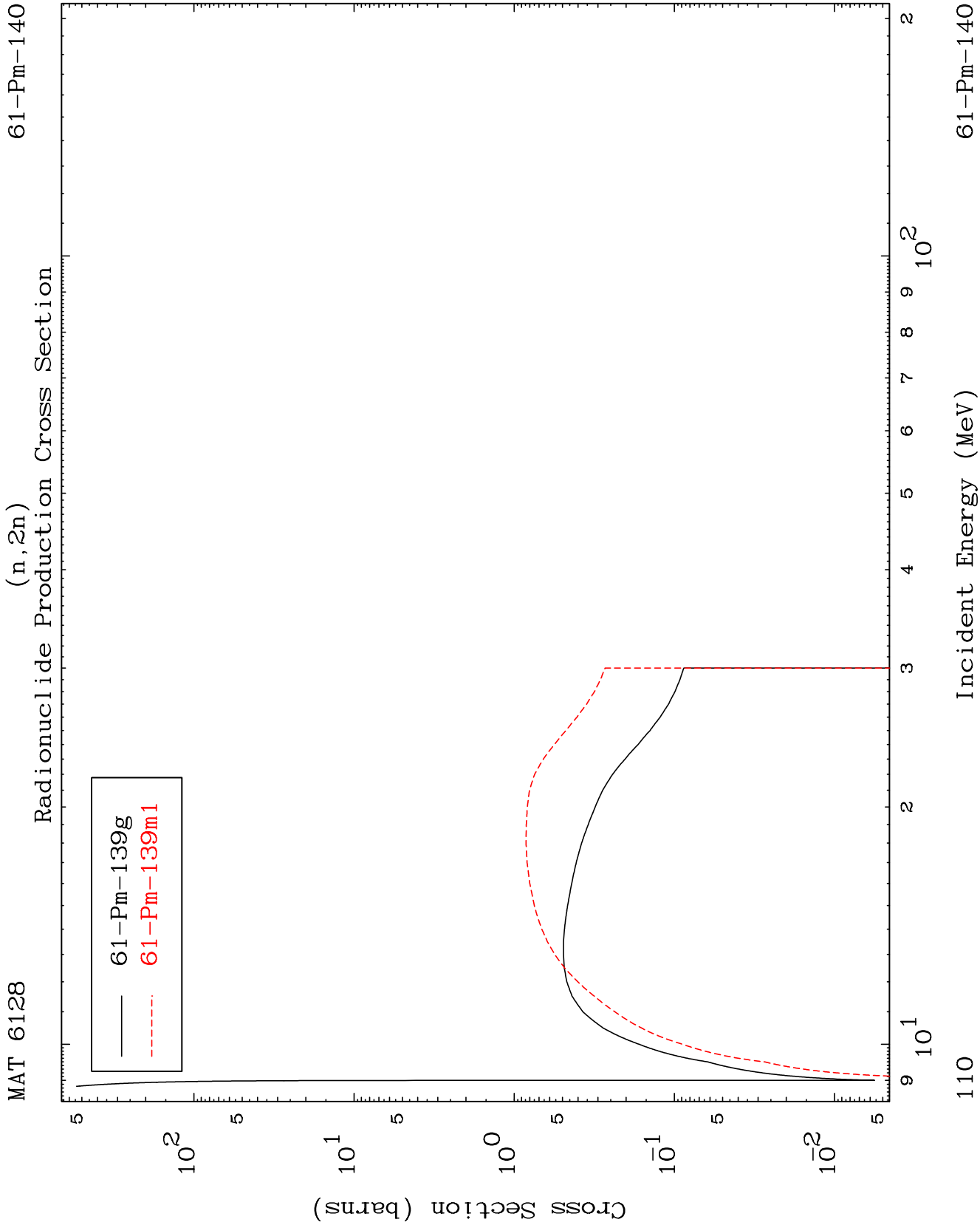


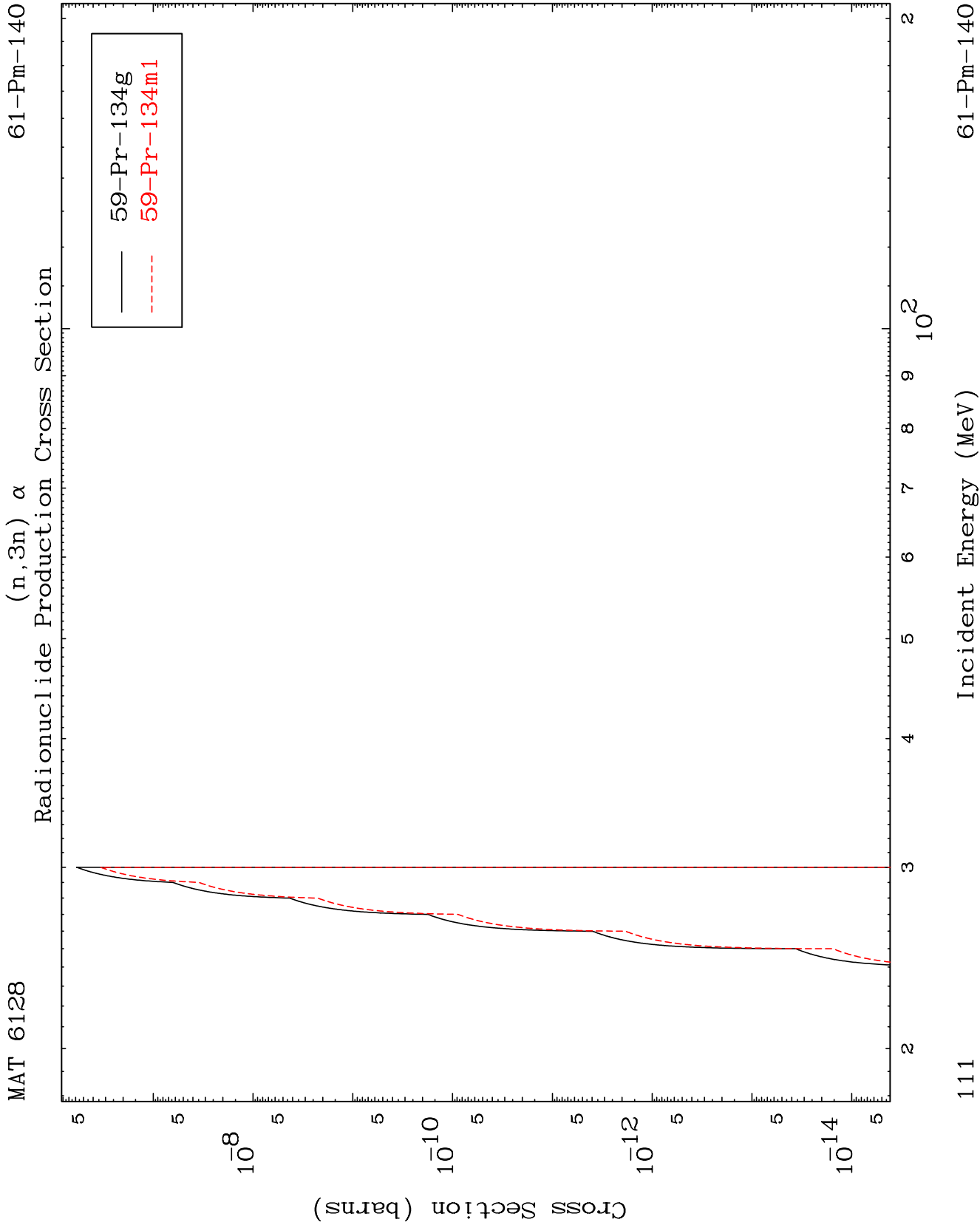
Inelastic
Radionuclide Production Cross Section



$(n,2n)$ d
Radionuclide Production Cross Section



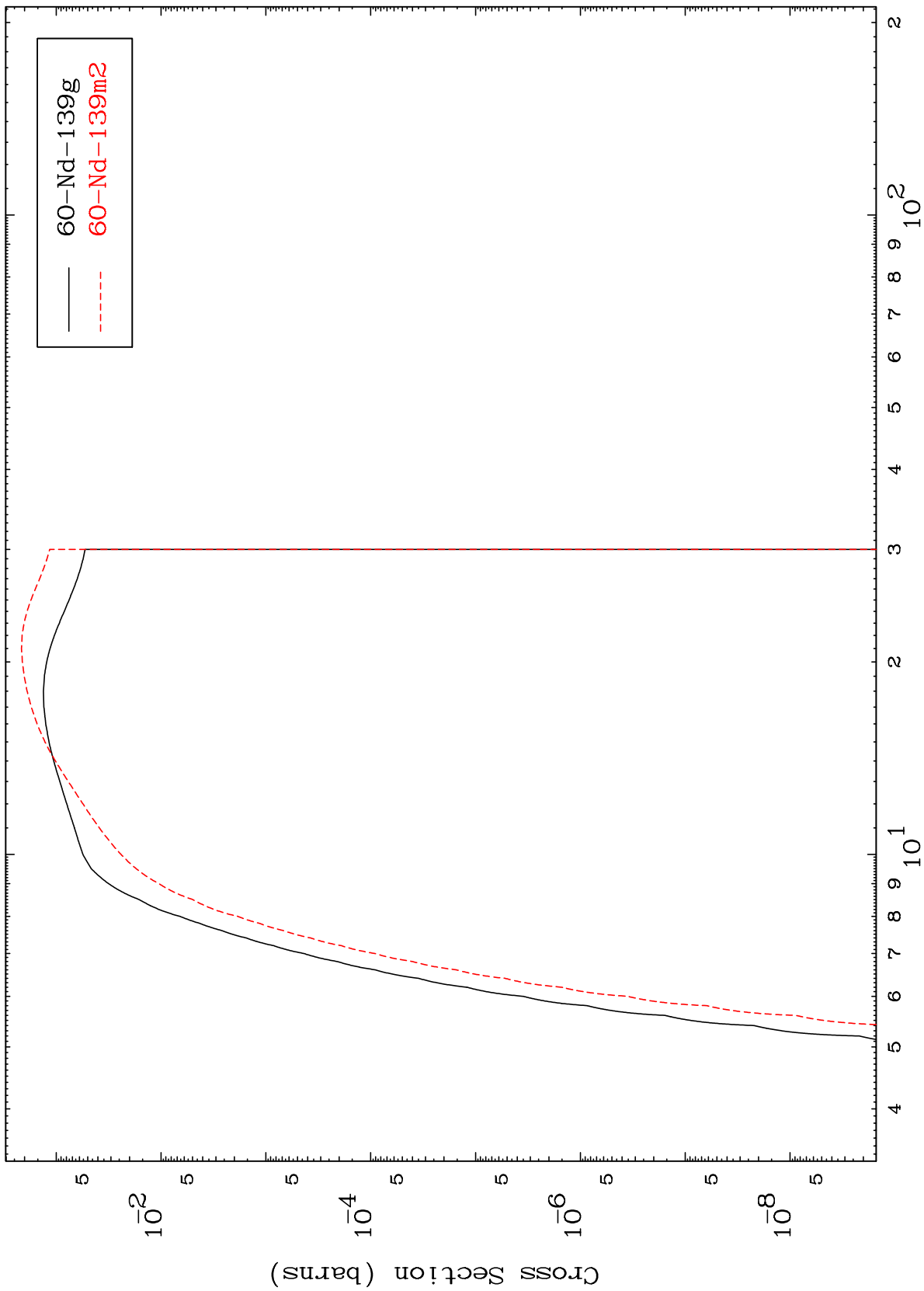




MAT 6128

61-Pm-140

(n,n') p
Radionuclide Production Cross Section



61-Pm-140

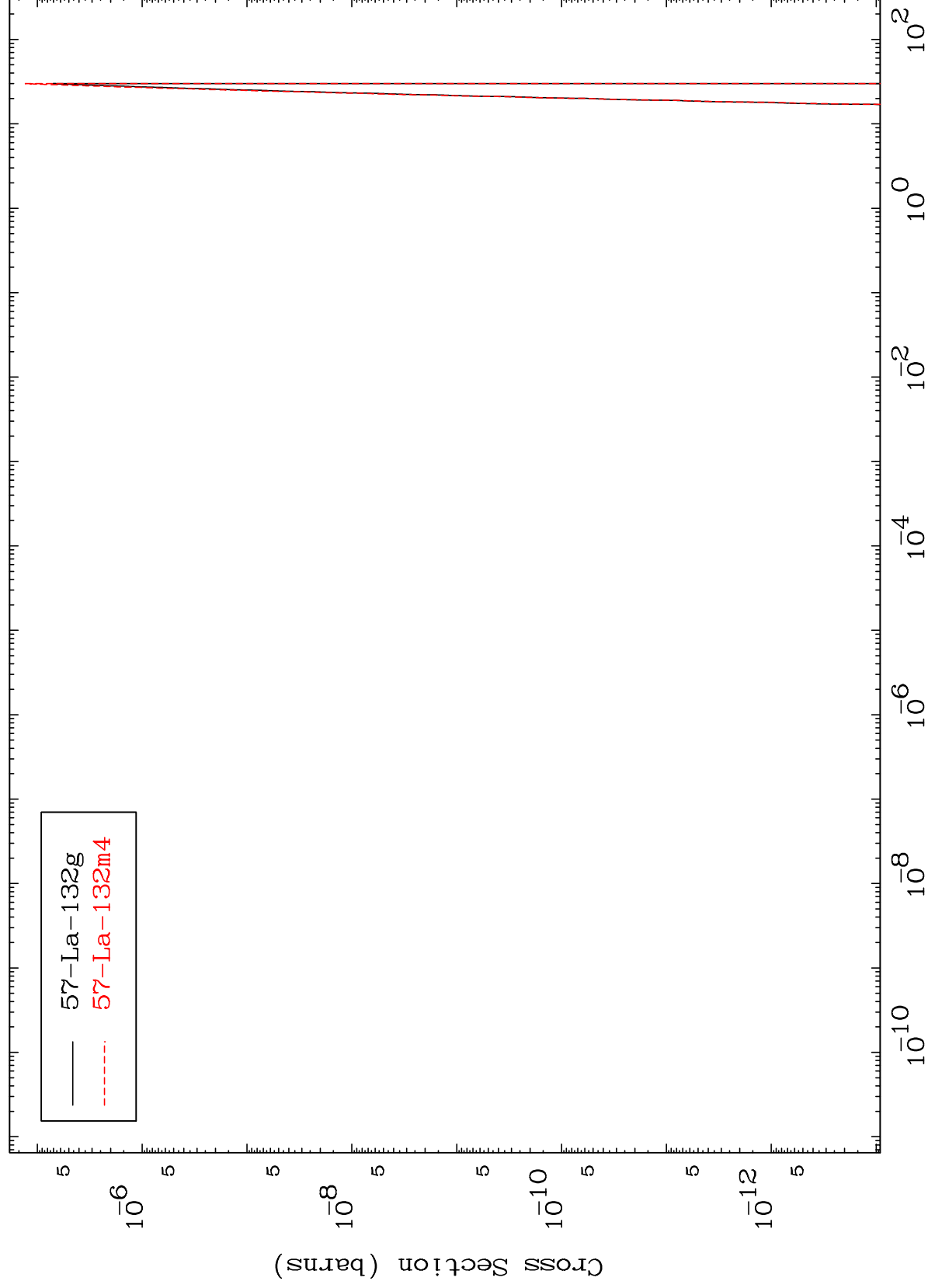
Incident Energy (MeV)

112

MAT 6128

61-Pm-140

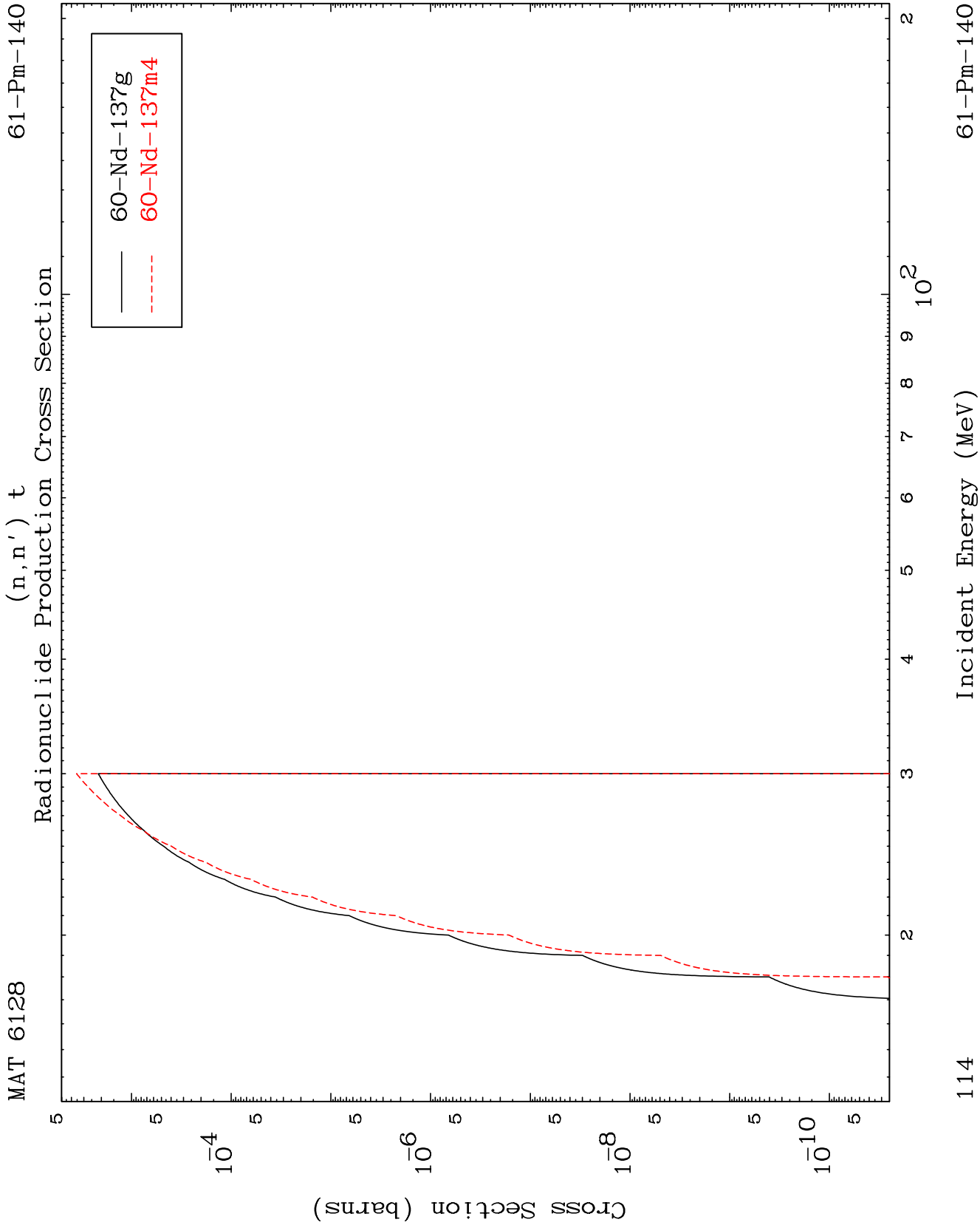
(n,n') 2 α
Radionuclide Production Cross Section

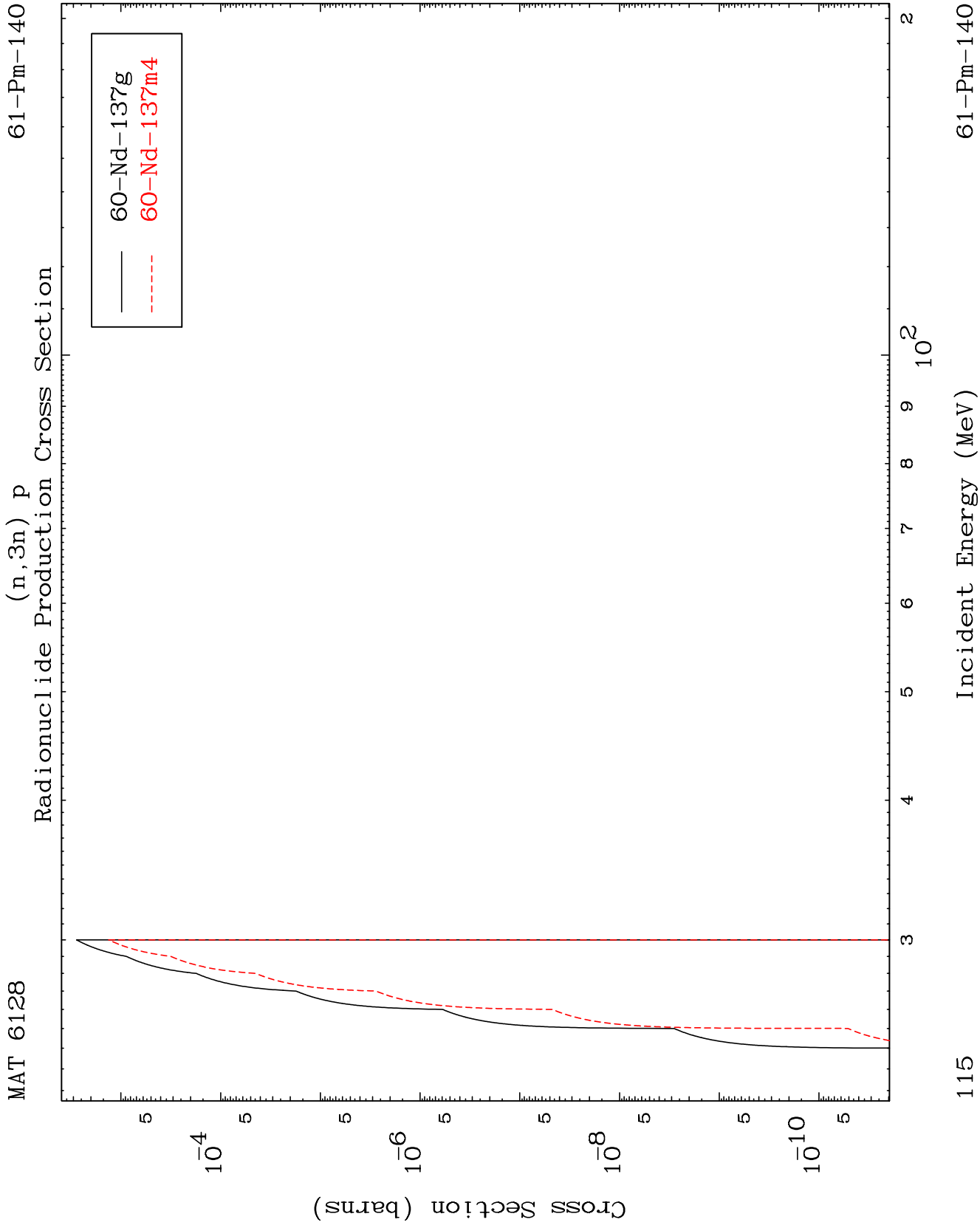


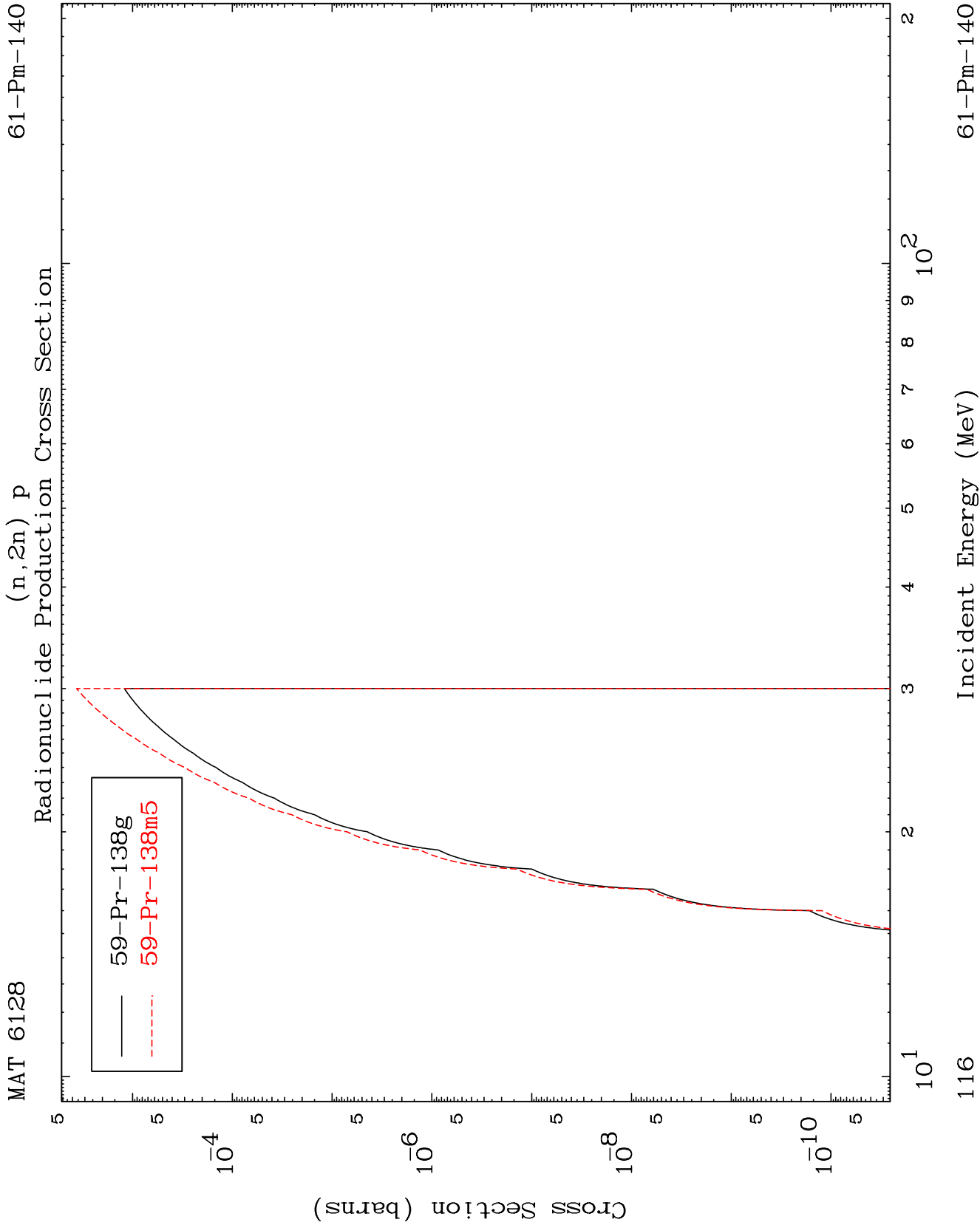
61-Pm-140

Incident Energy (MeV)

113



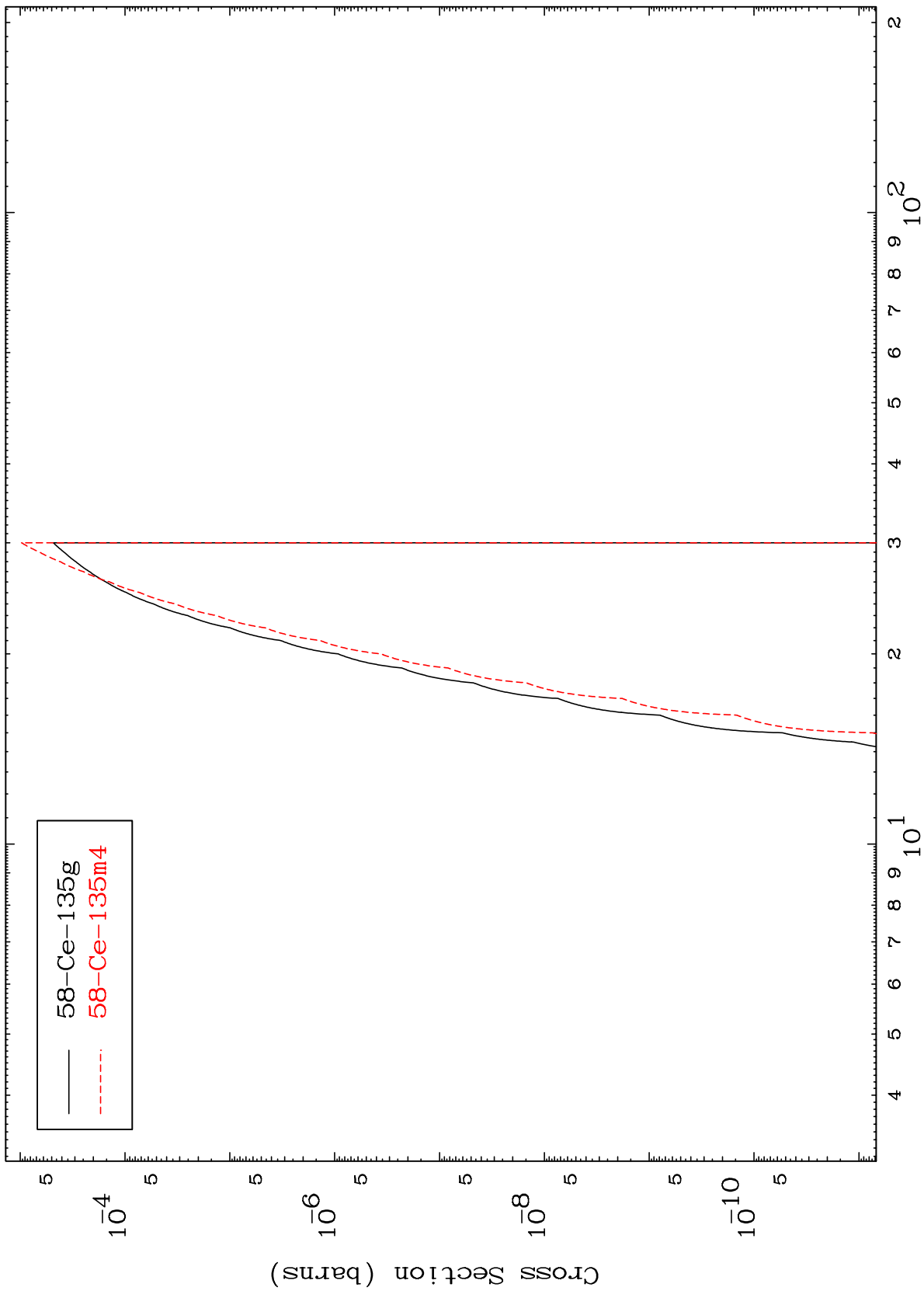




MAT 6128

61-Pm-140

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

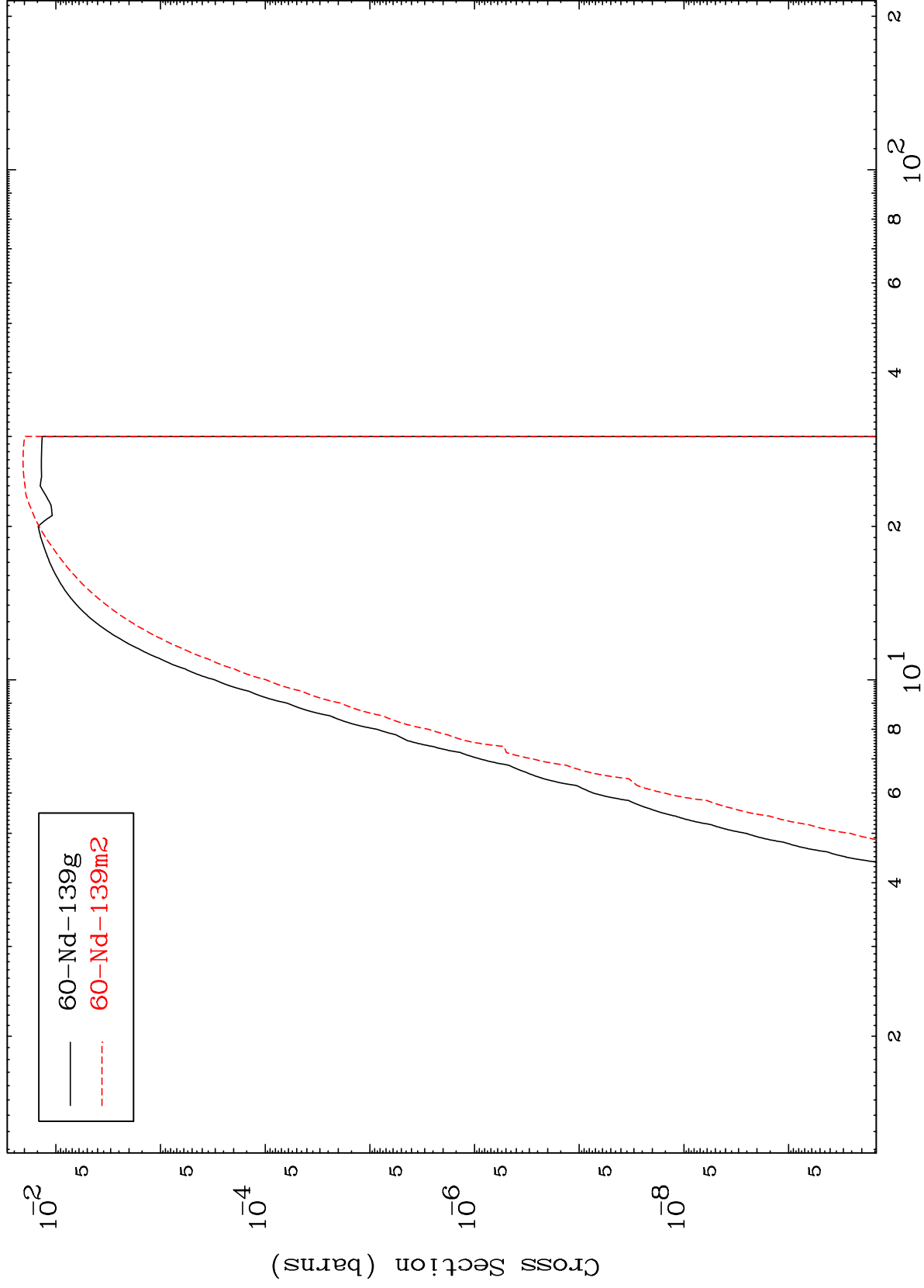


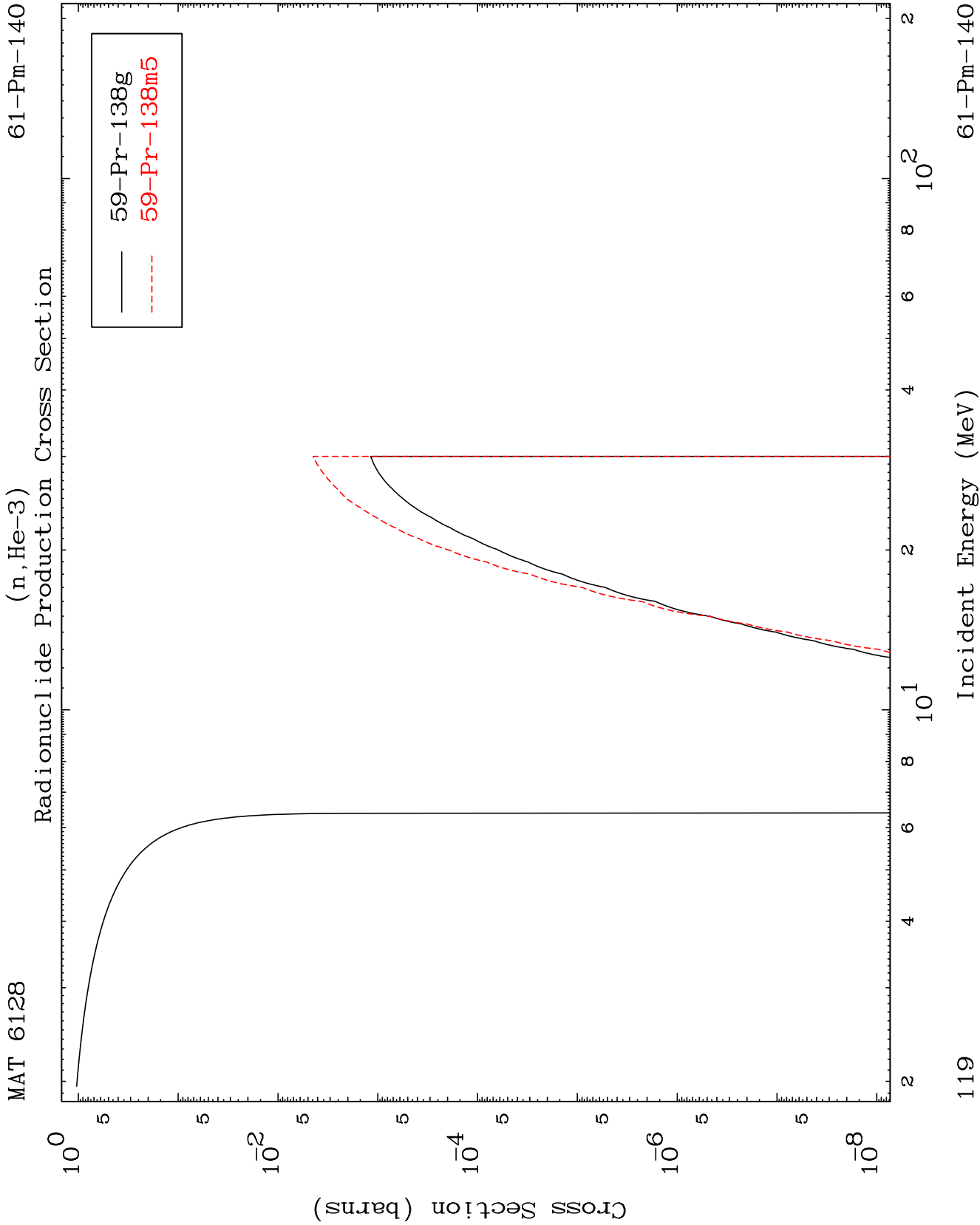
117

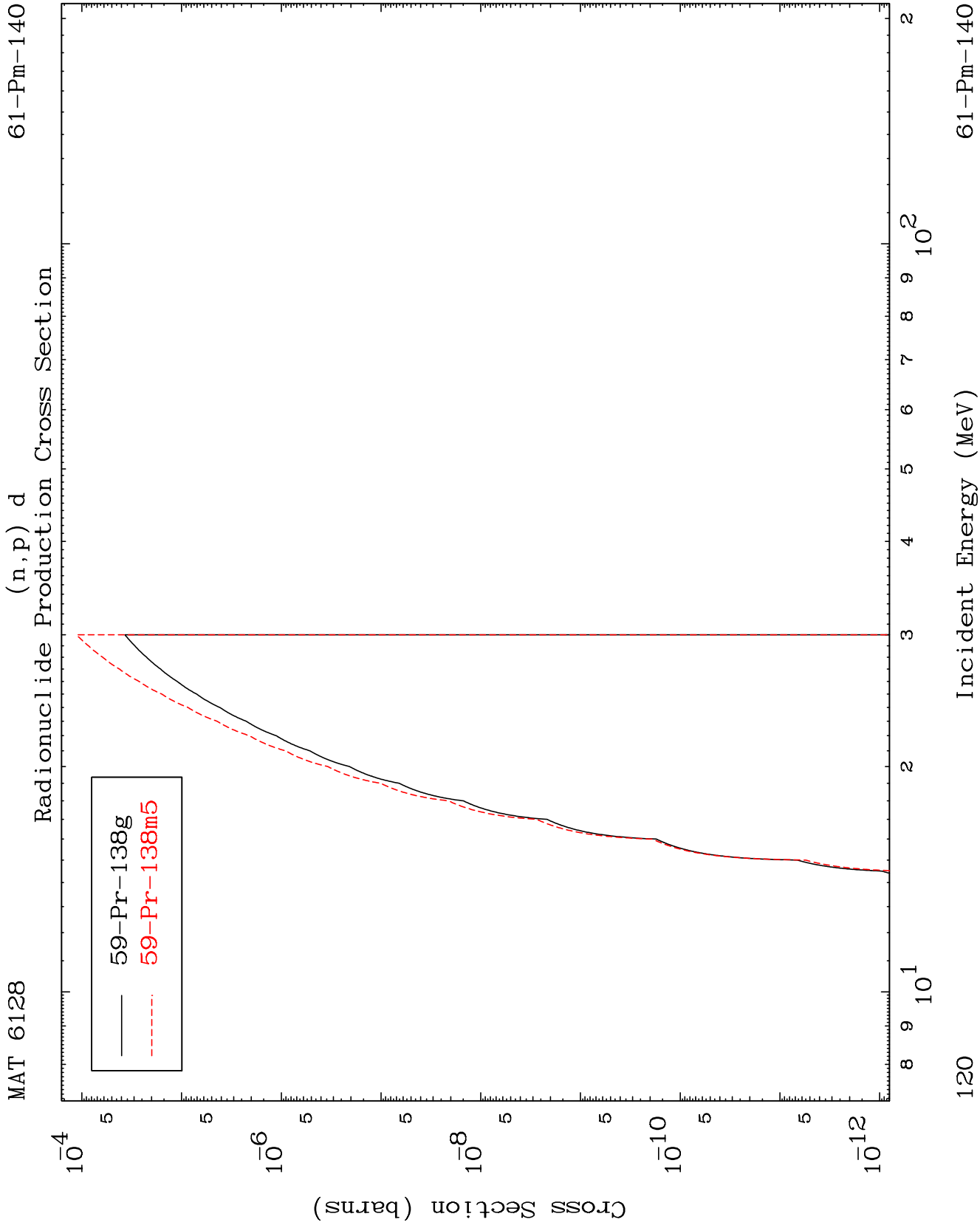
Incident Energy (MeV)

61-Pm-140

Radionuclide Production Cross Section (n,d)



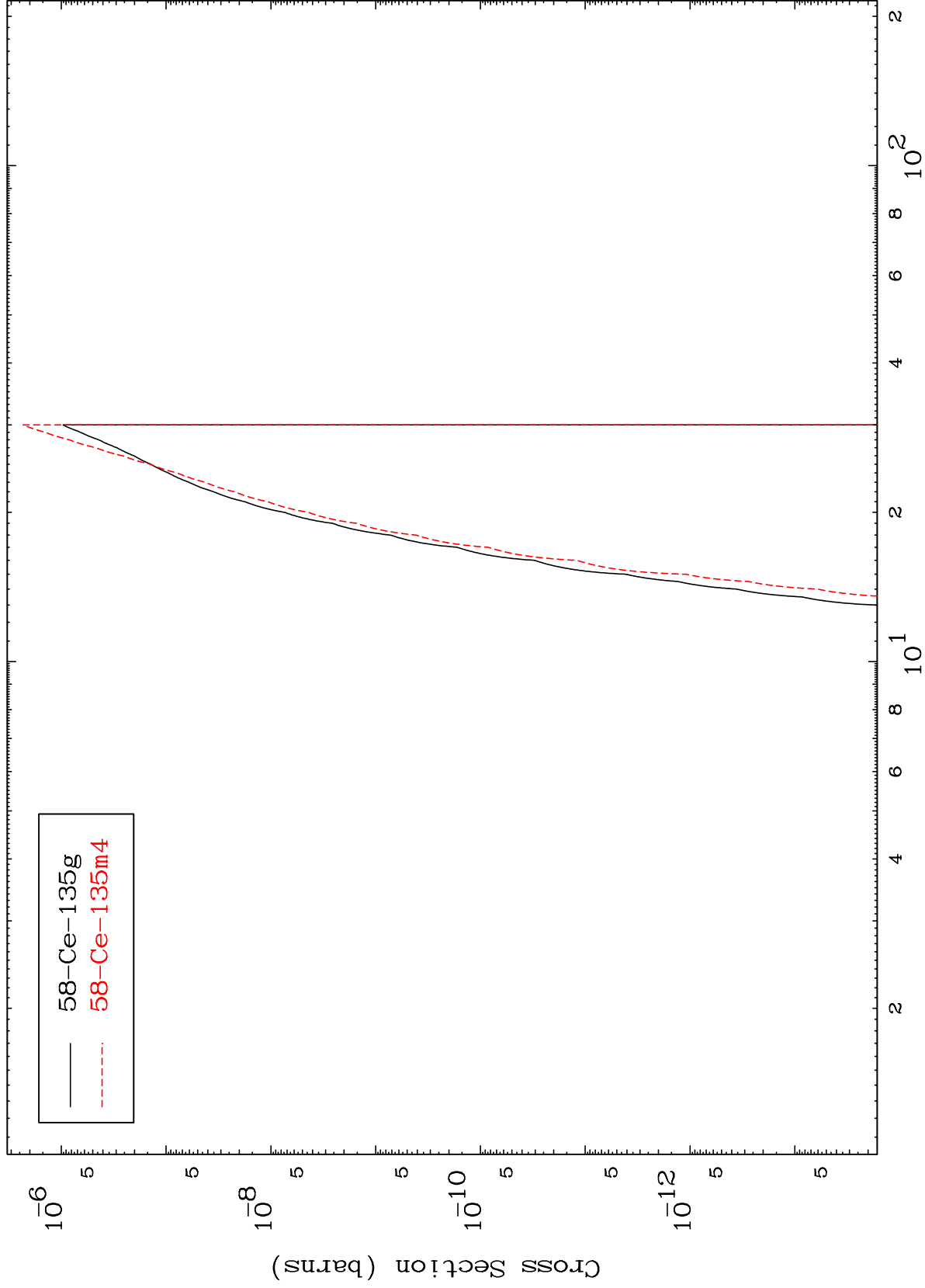




MAT 6128

61-Pm-140

Radionuclide Production Cross Section
(n,d) α



121

Incident Energy (MeV)

61-Pm-140