

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

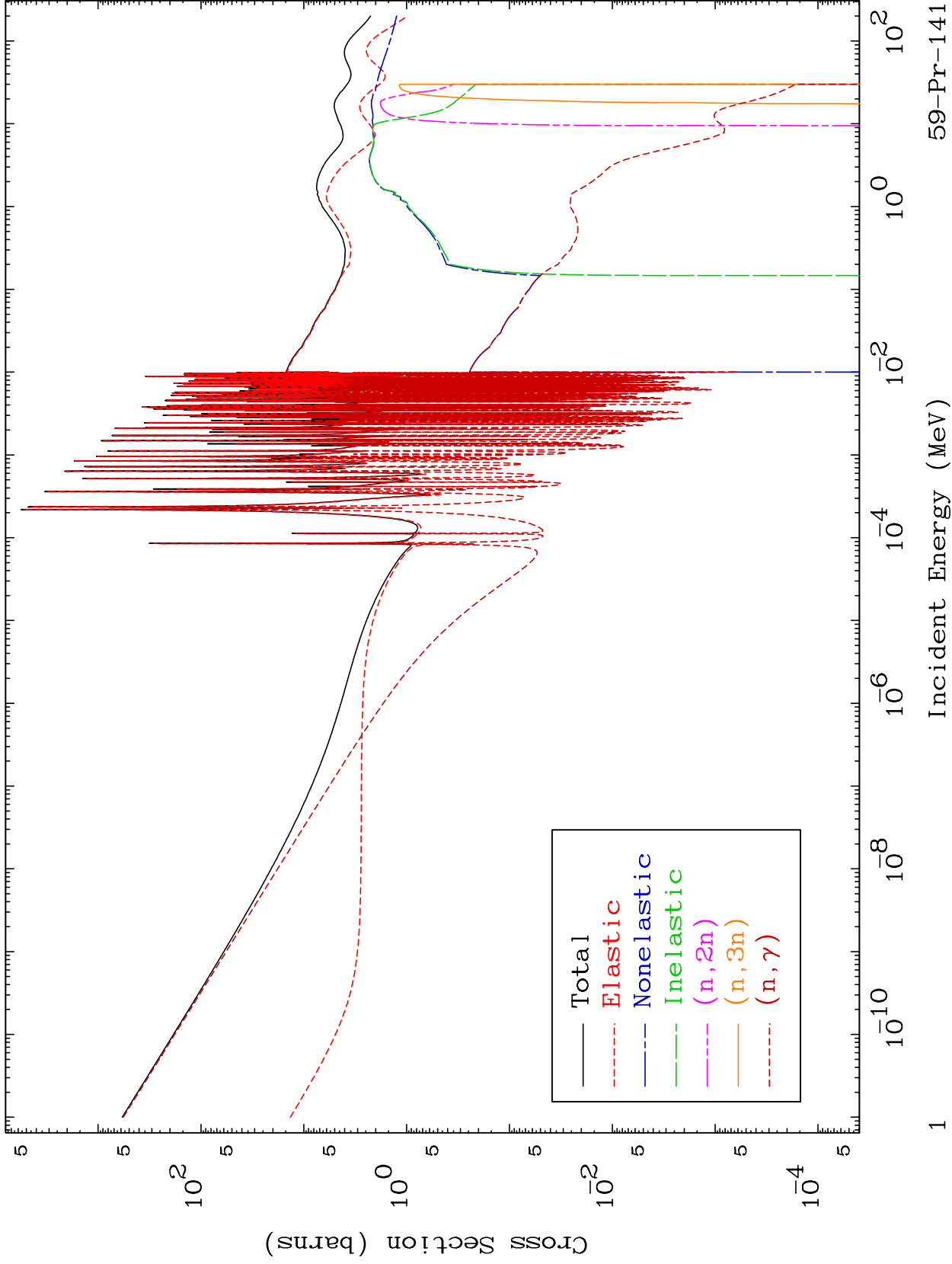
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

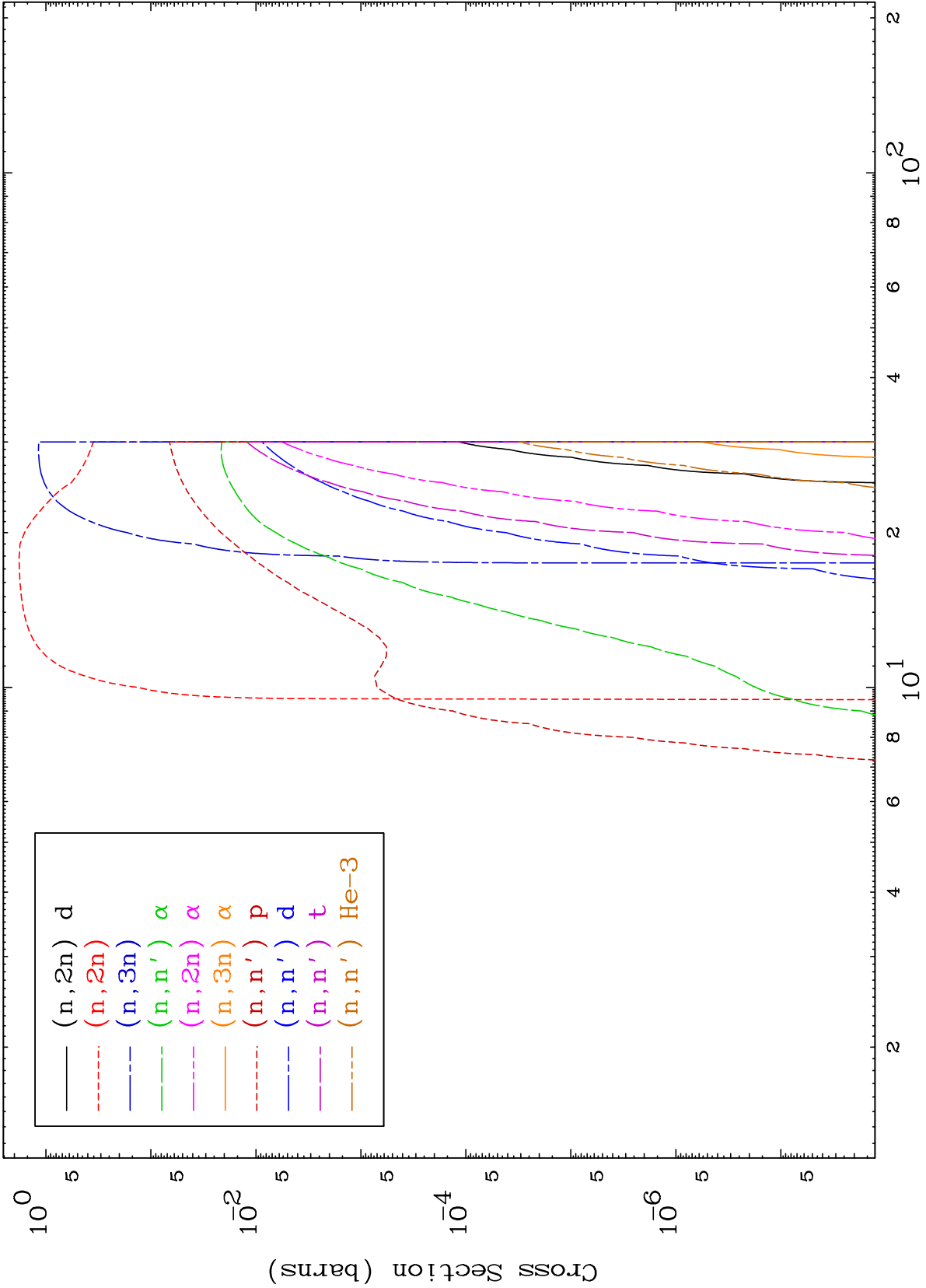
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

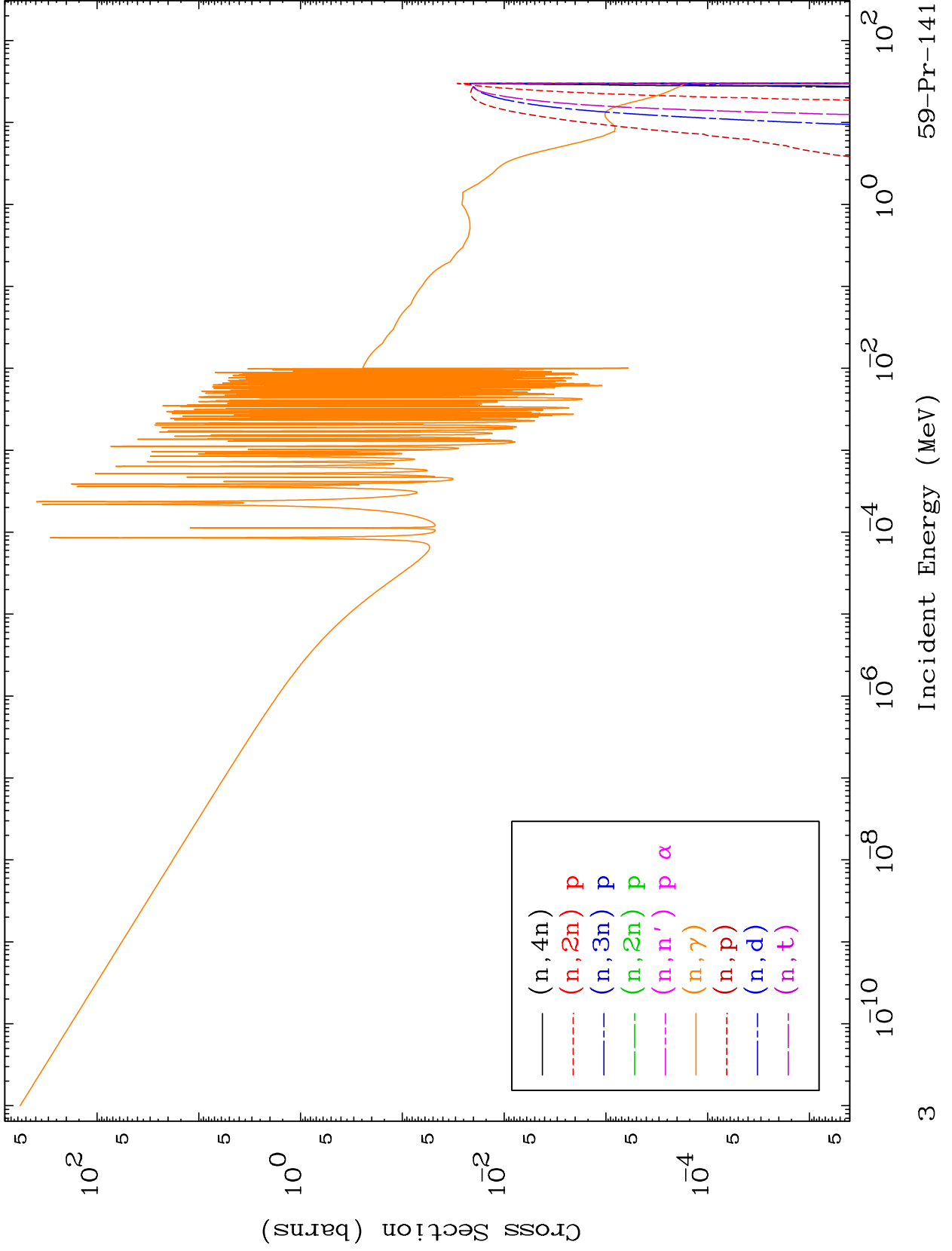




MAT 5925

Neutron Absorption
293 Kelvin Cross Sections

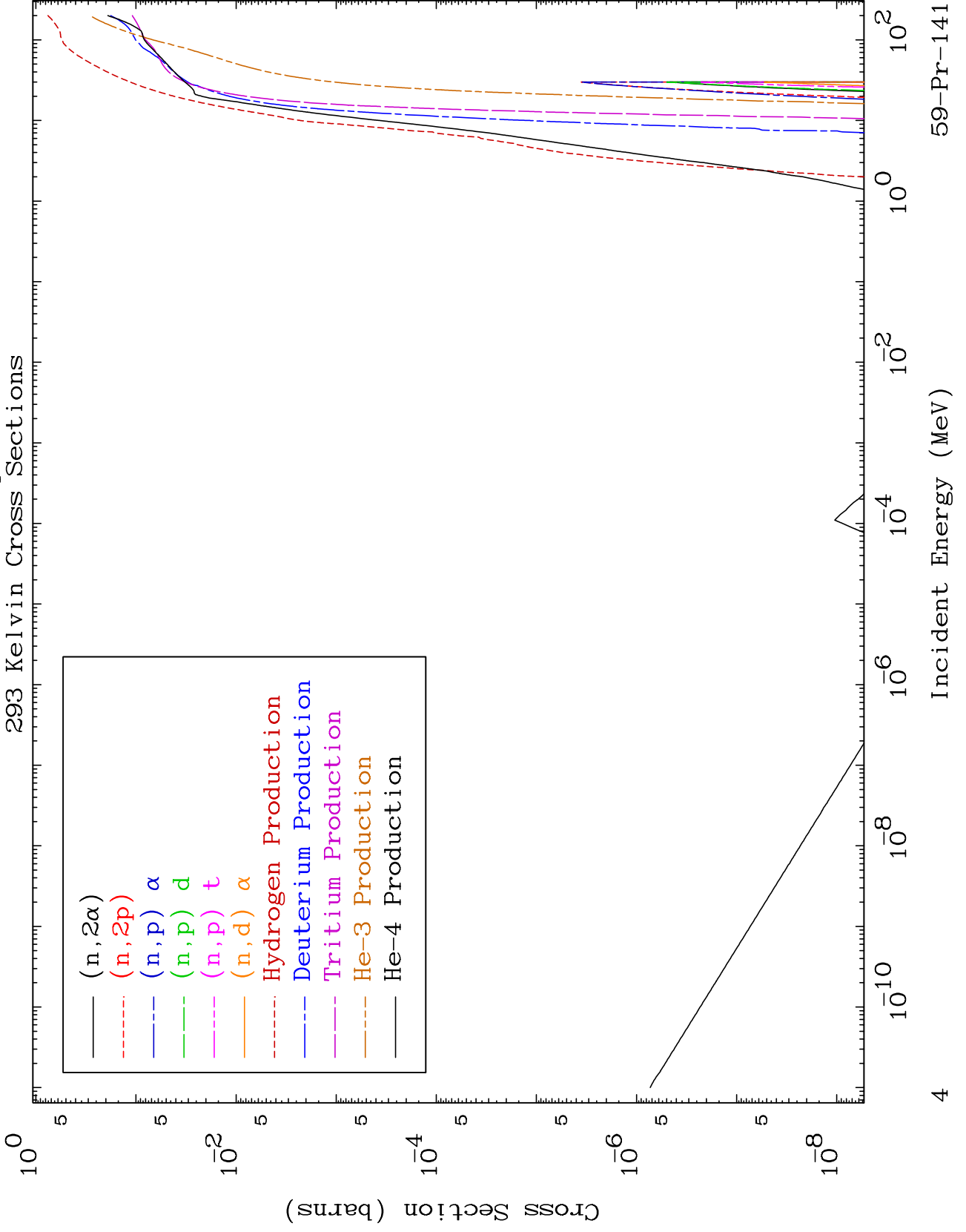
59-Pr-141

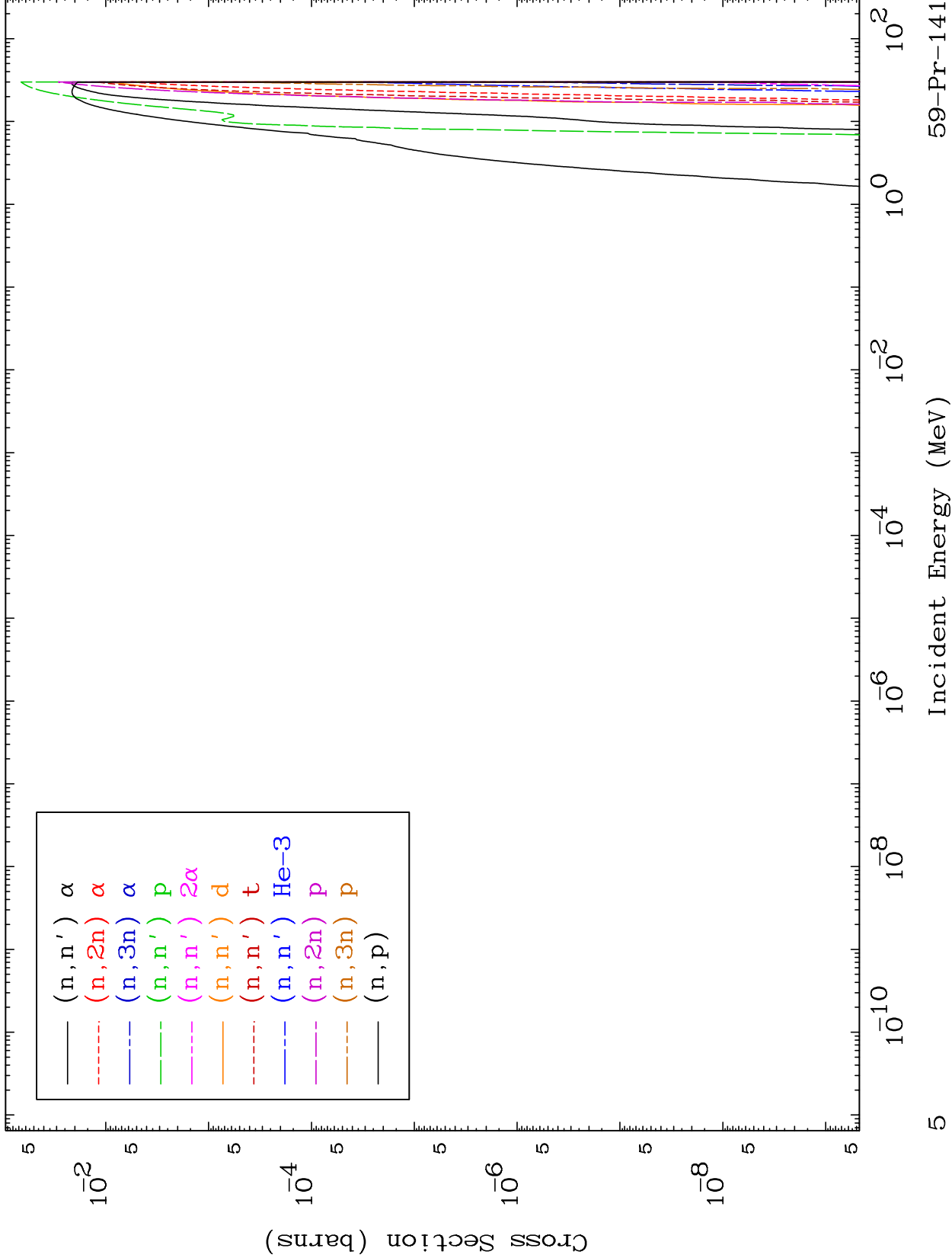


MAT 5925

Neutron Absorption
293 Kelvin Cross Sections

59-Pr-141

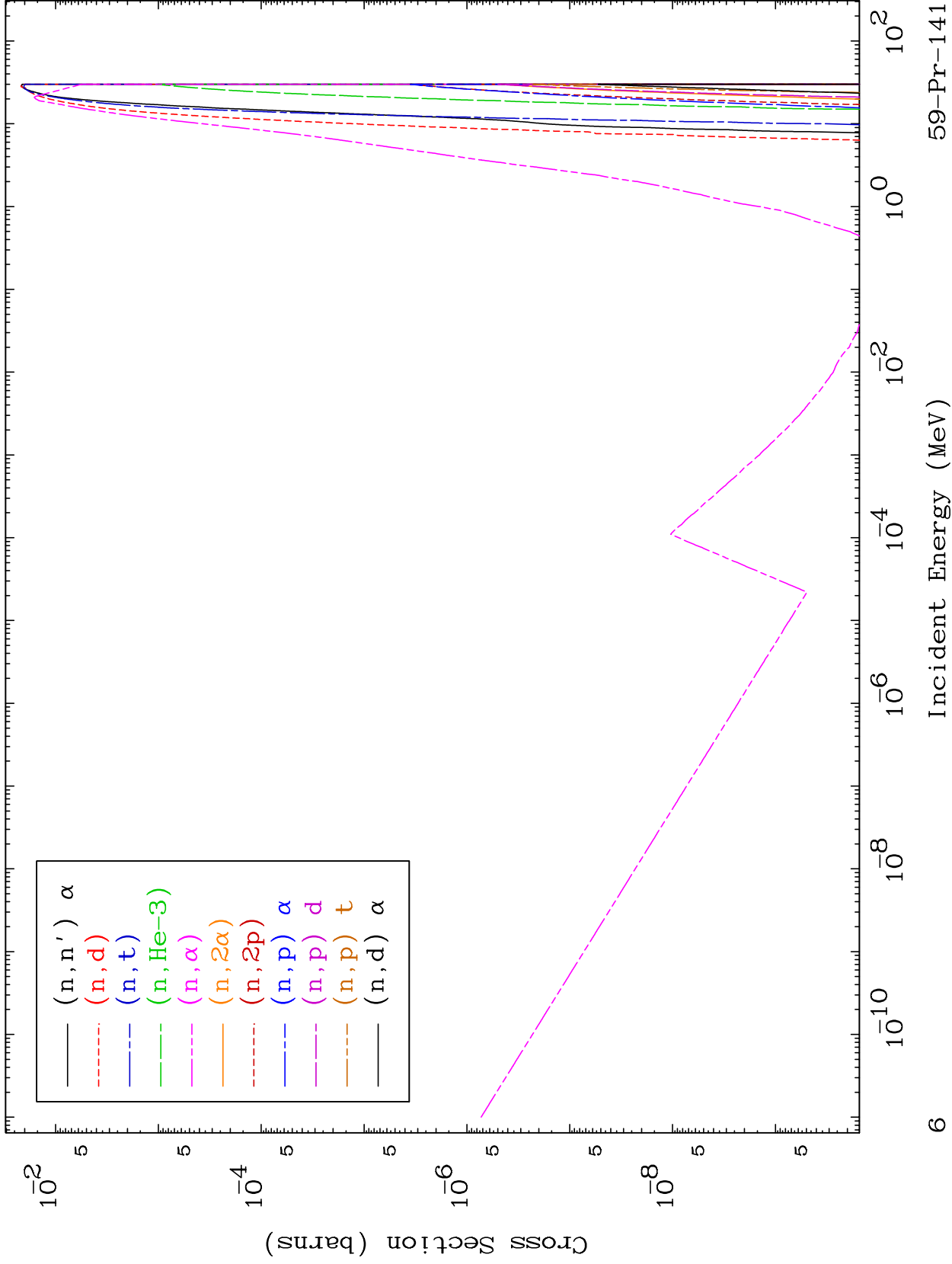




MAT 5925

Charged Particle
293 Kelvin Cross Sections

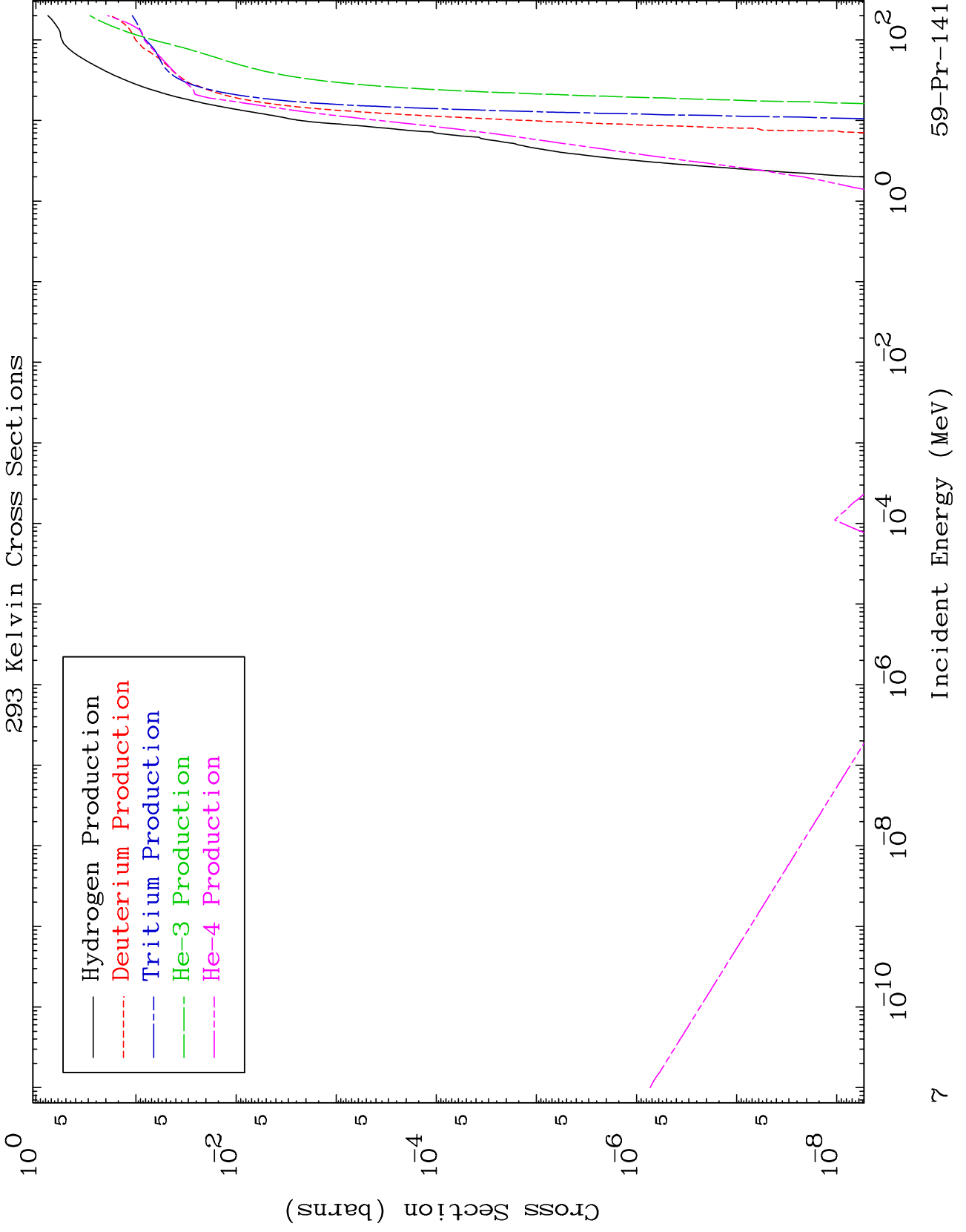
59-Pr-141

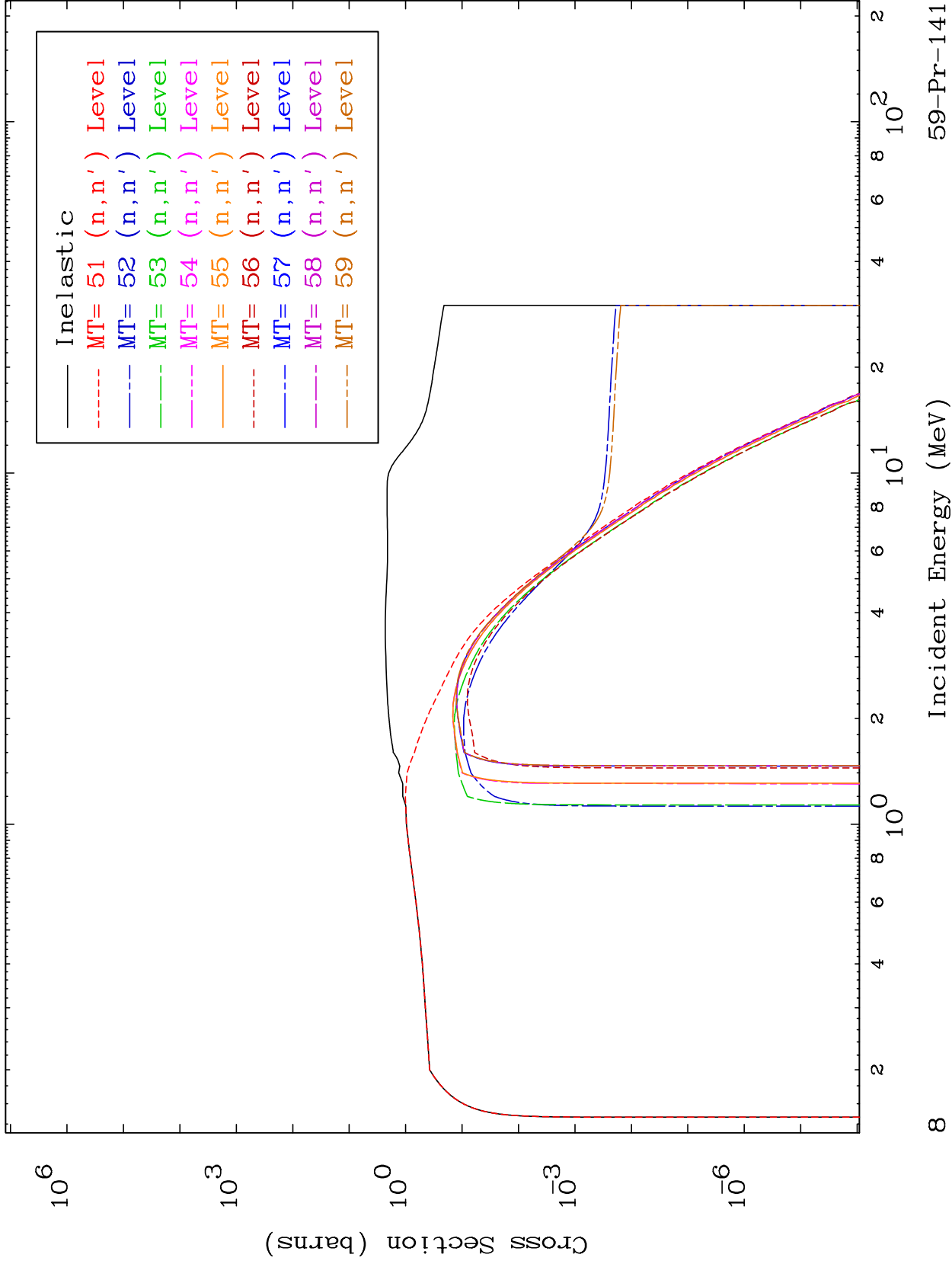


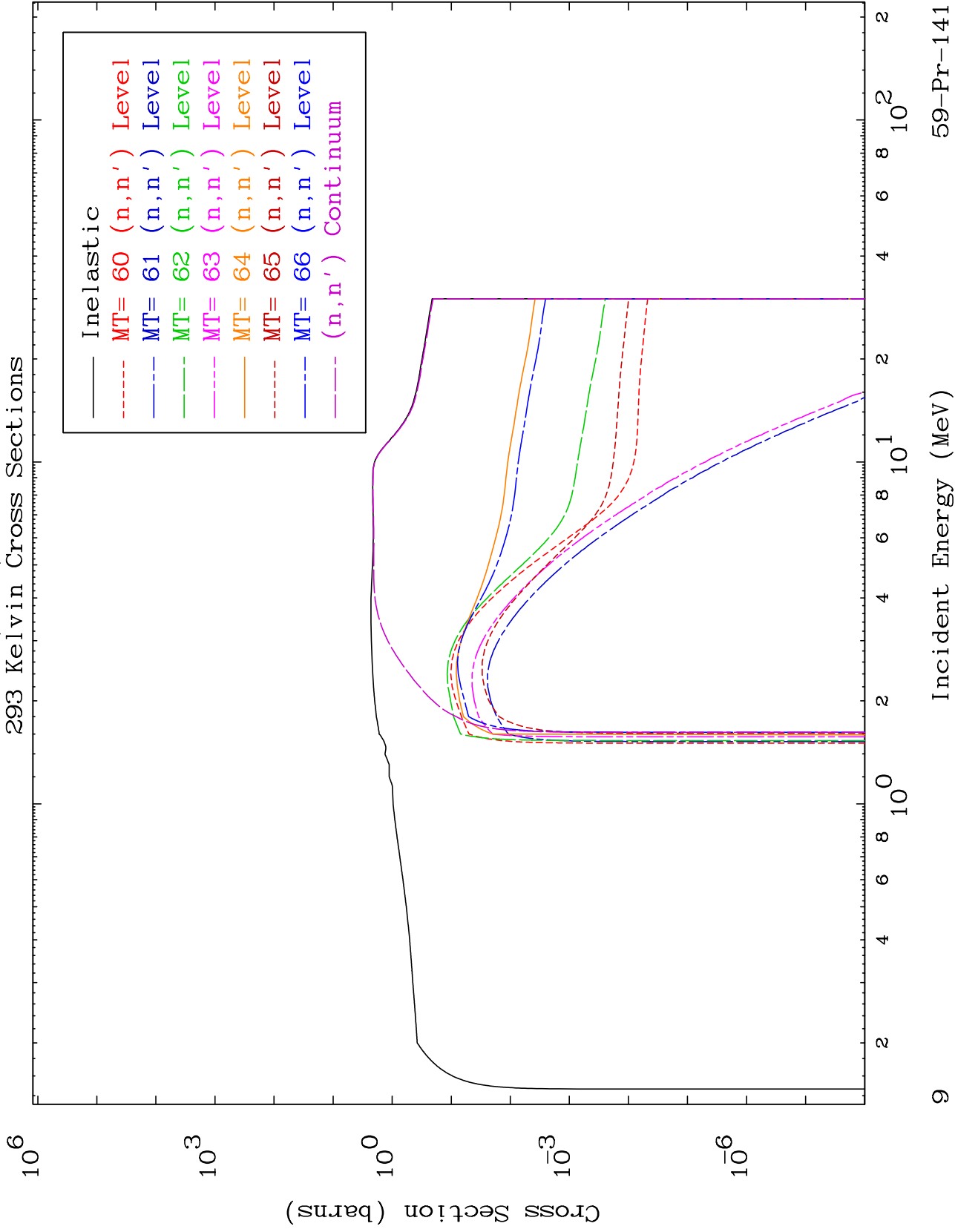
MAT 5925

Particle Production
293 Kelvin Cross Sections

59-Pr-141



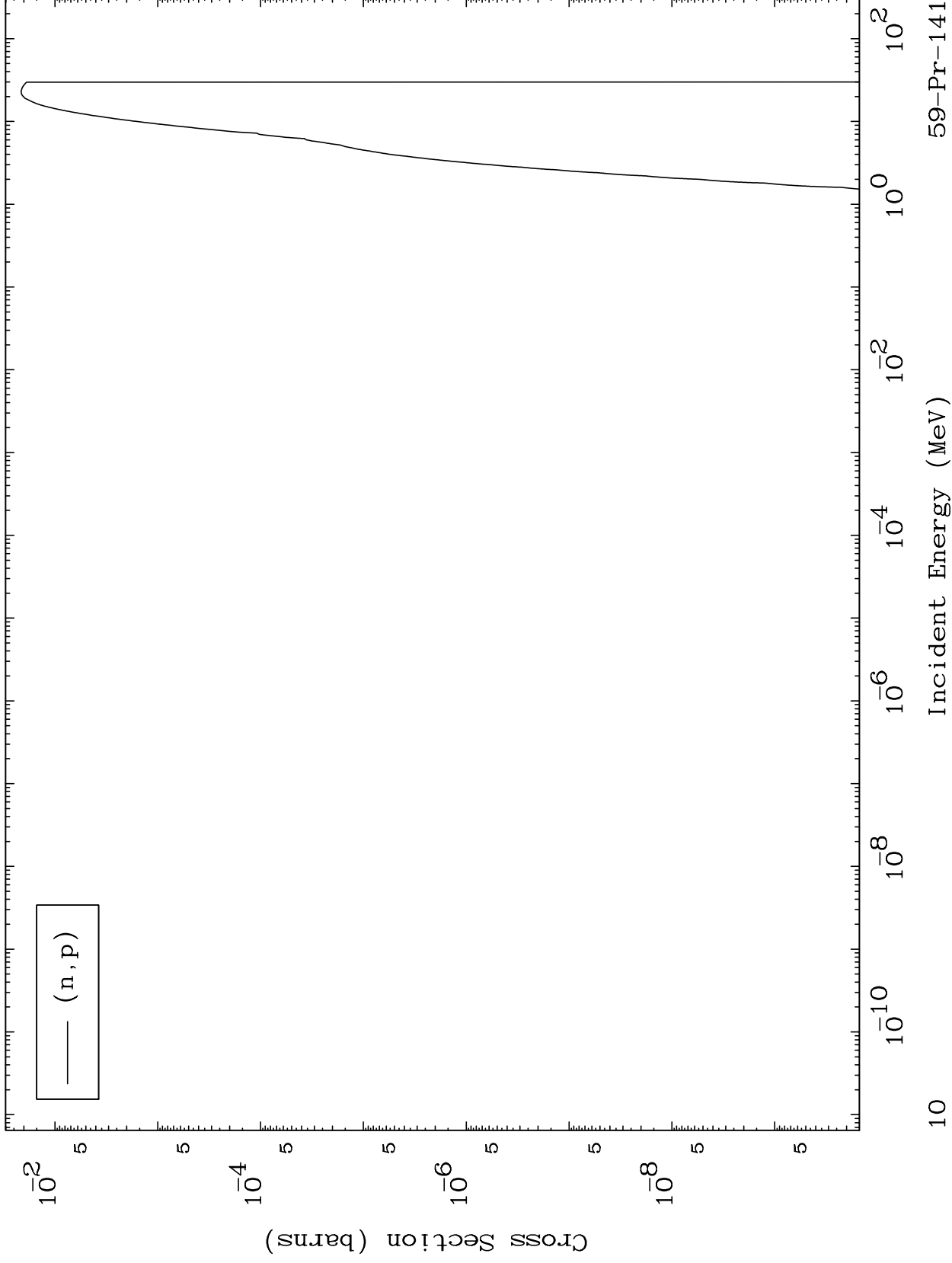


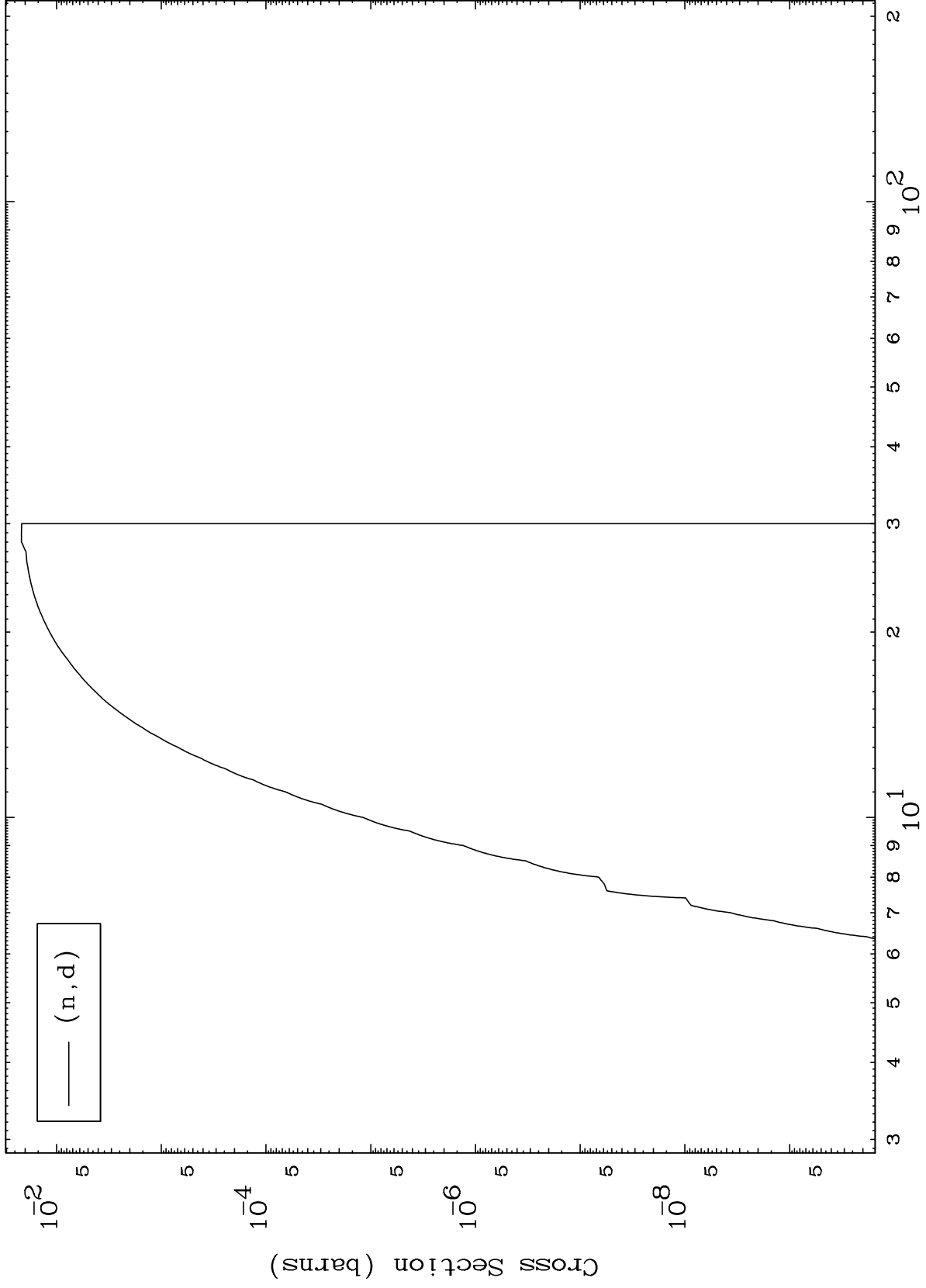


MAT 5925

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-141

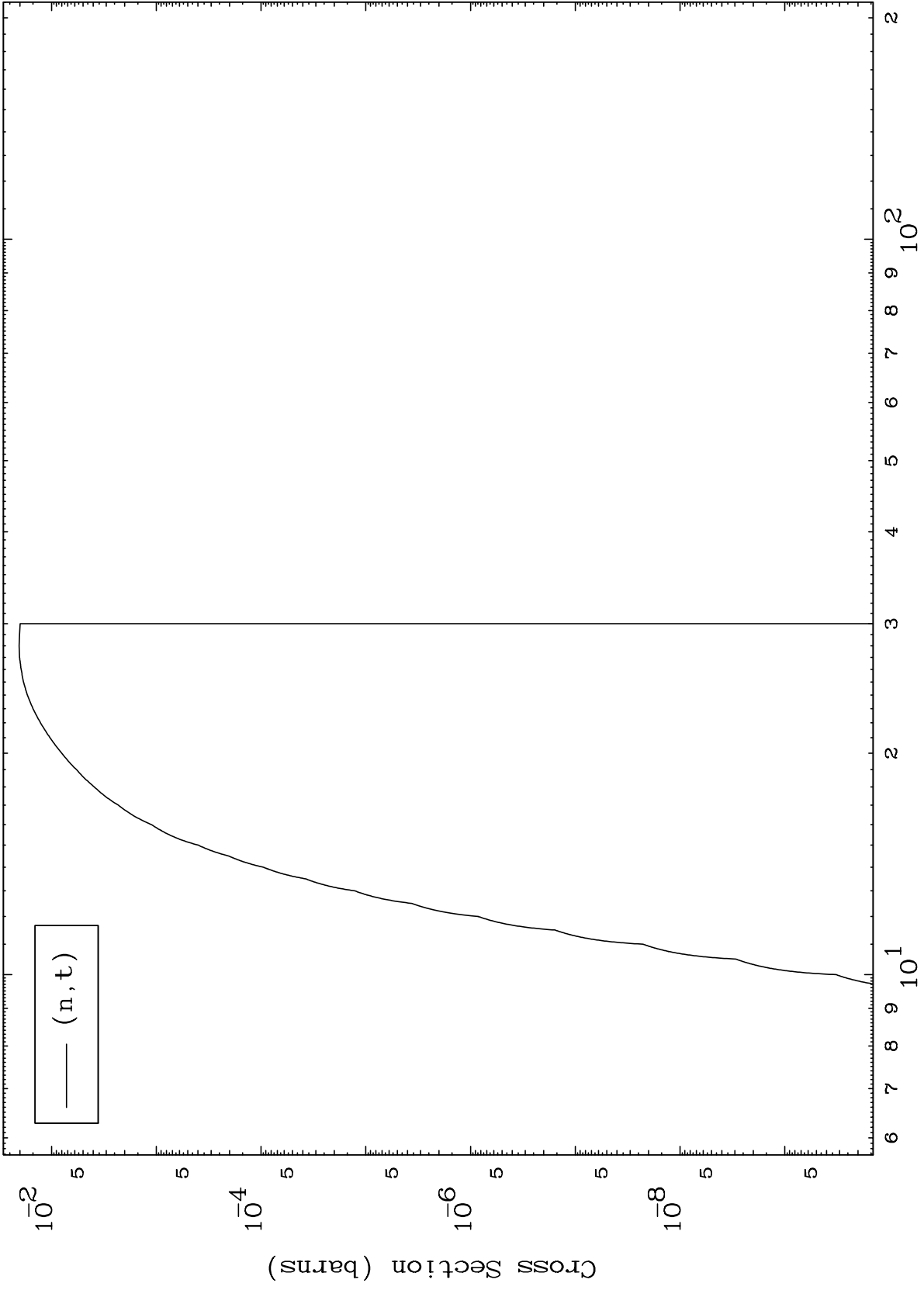




MAT 5925

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-141

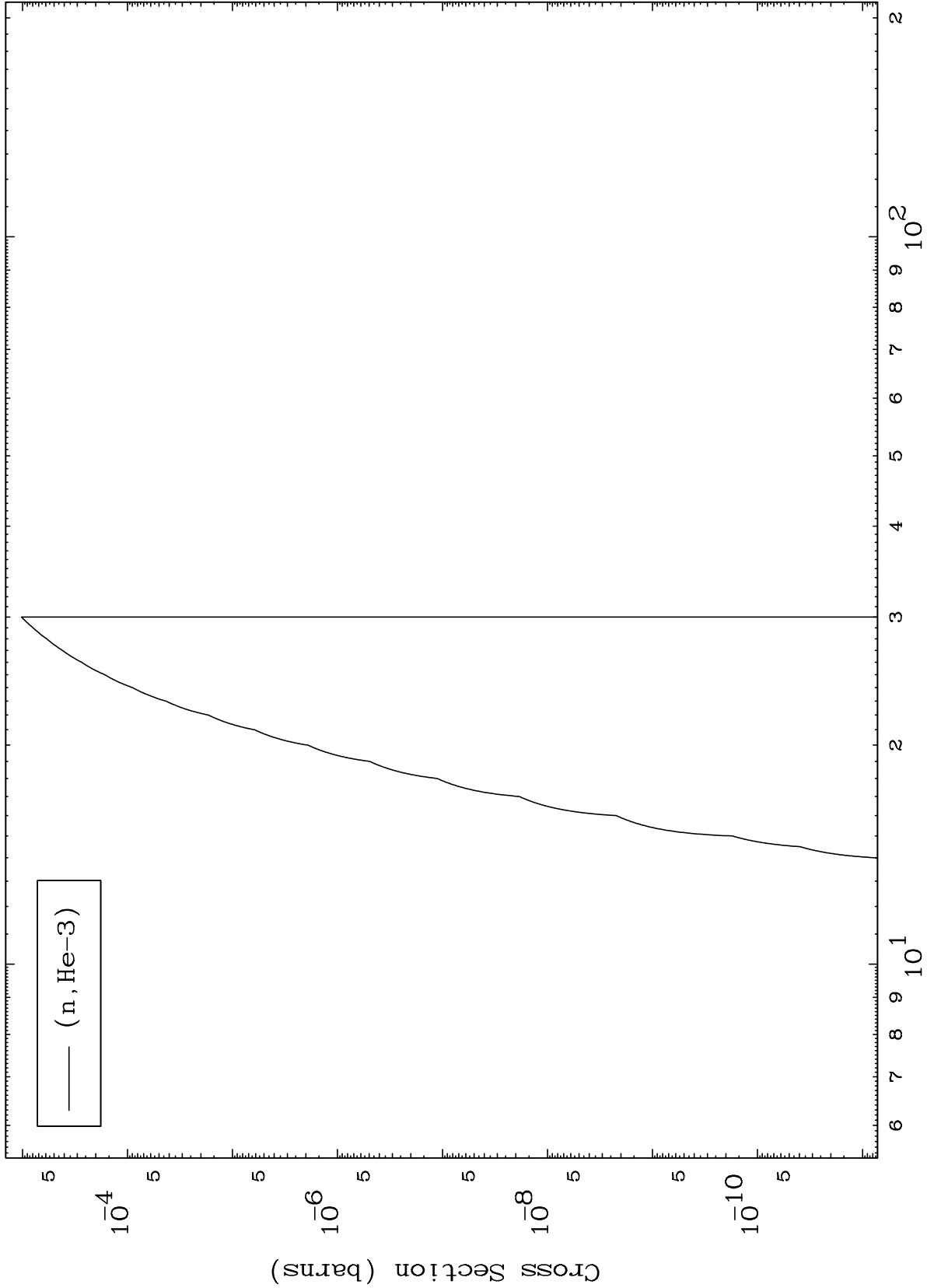


12

Incident Energy (MeV)

59-Pr-141

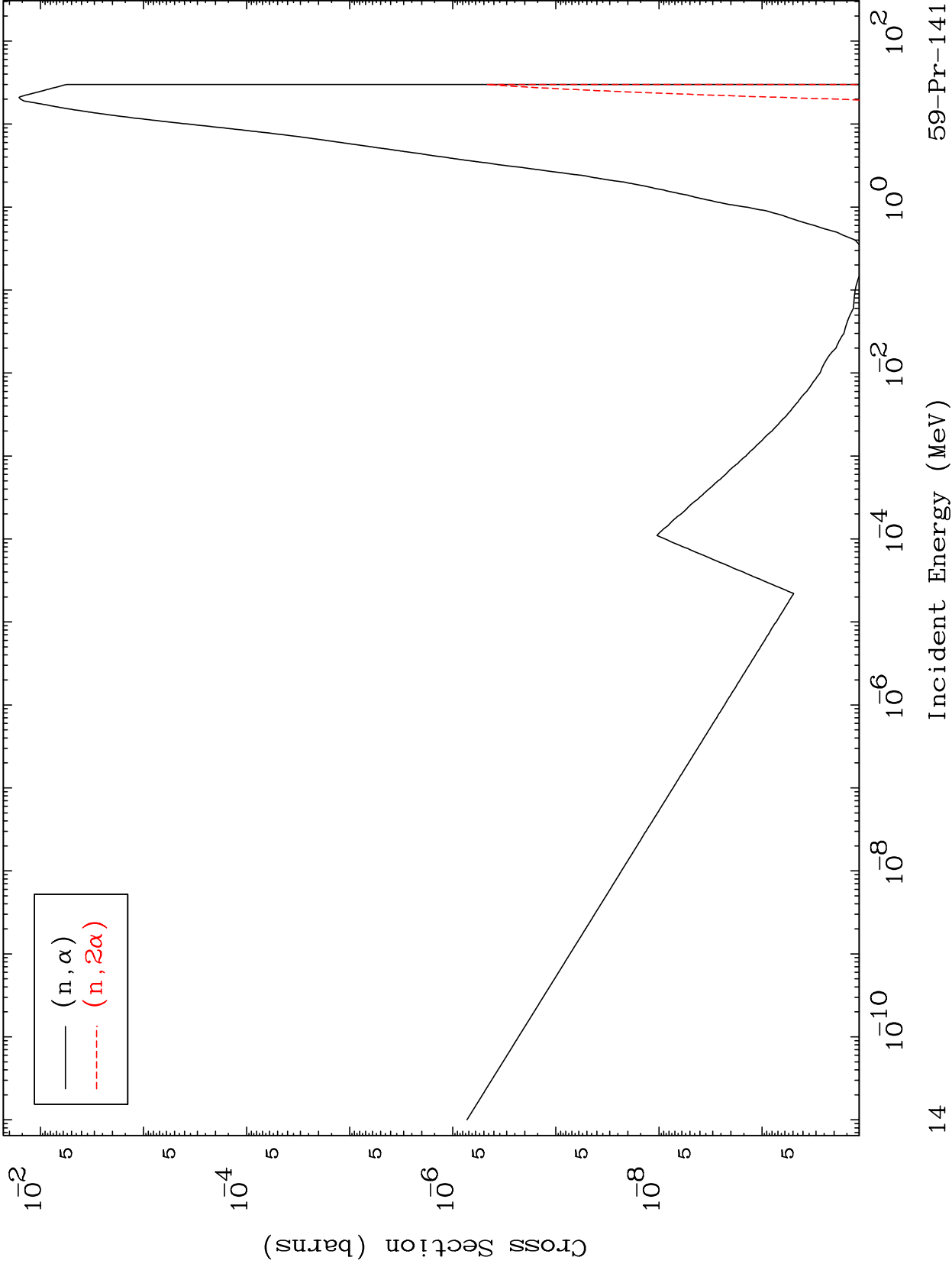
(n,He3) Levels
293 Kelvin Cross Sections

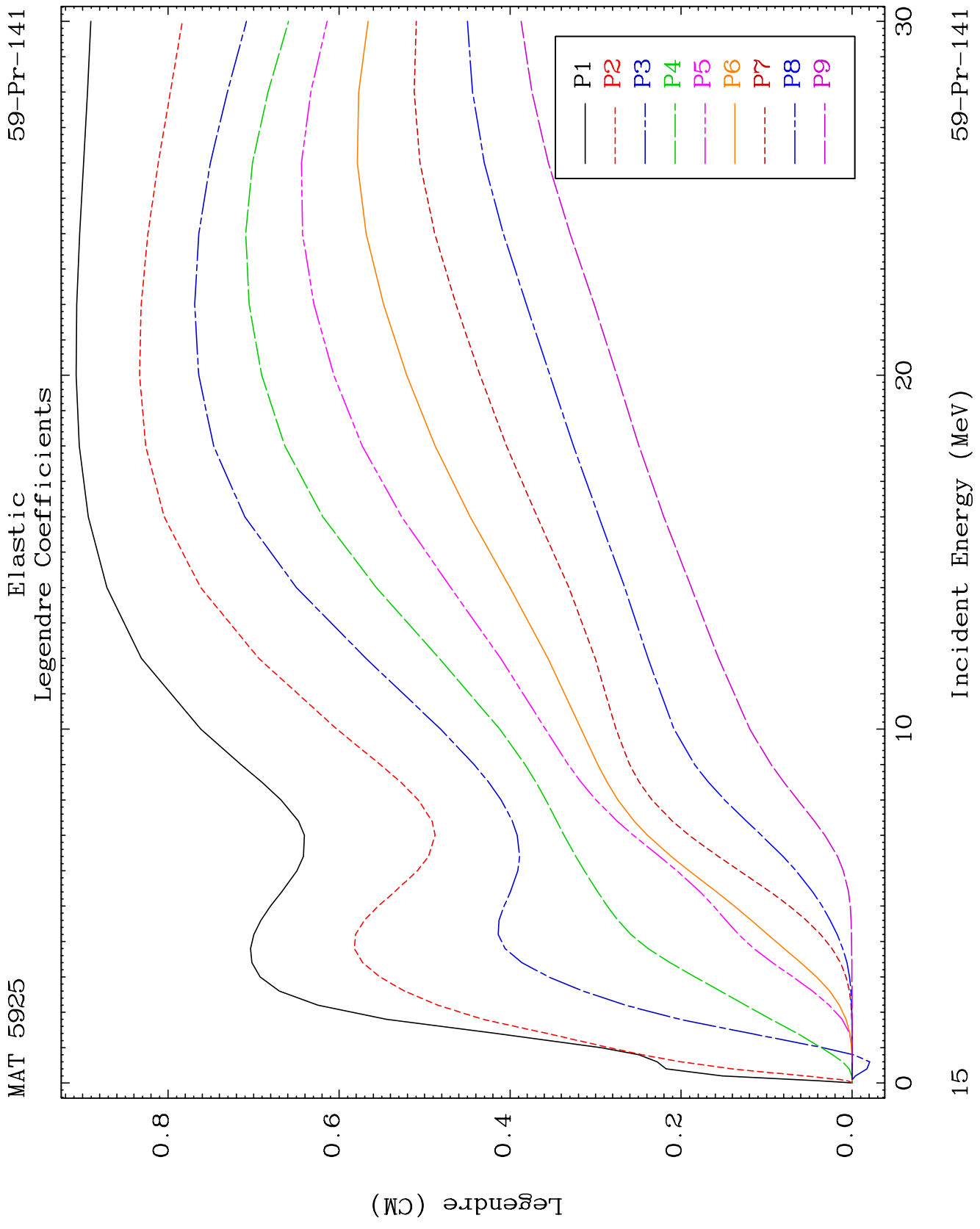


MAT 5925

(n, α) Levels
293 Kelvin Cross Sections

59-Pr-141

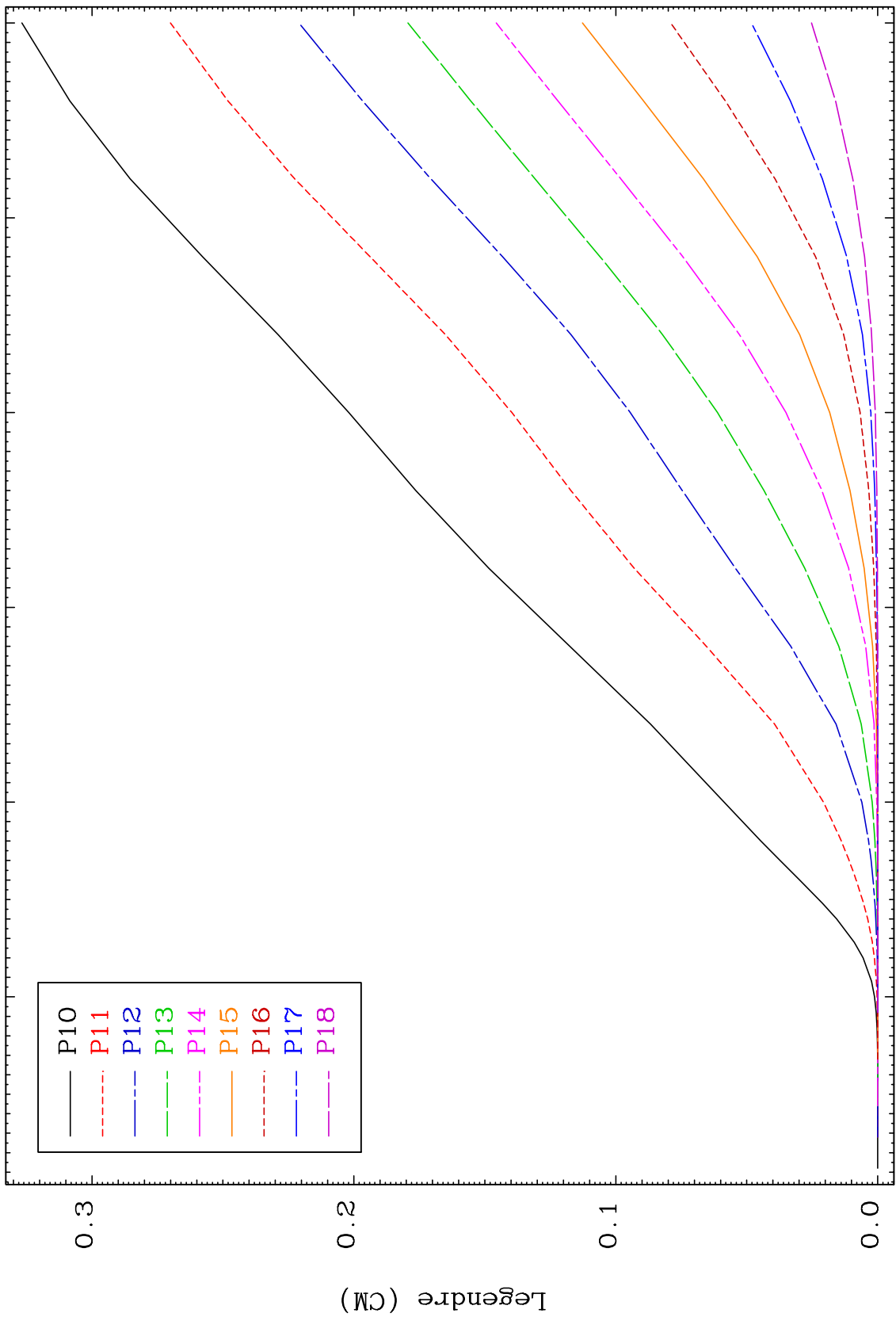




MAT 5925

Elastic Legendre Coefficients

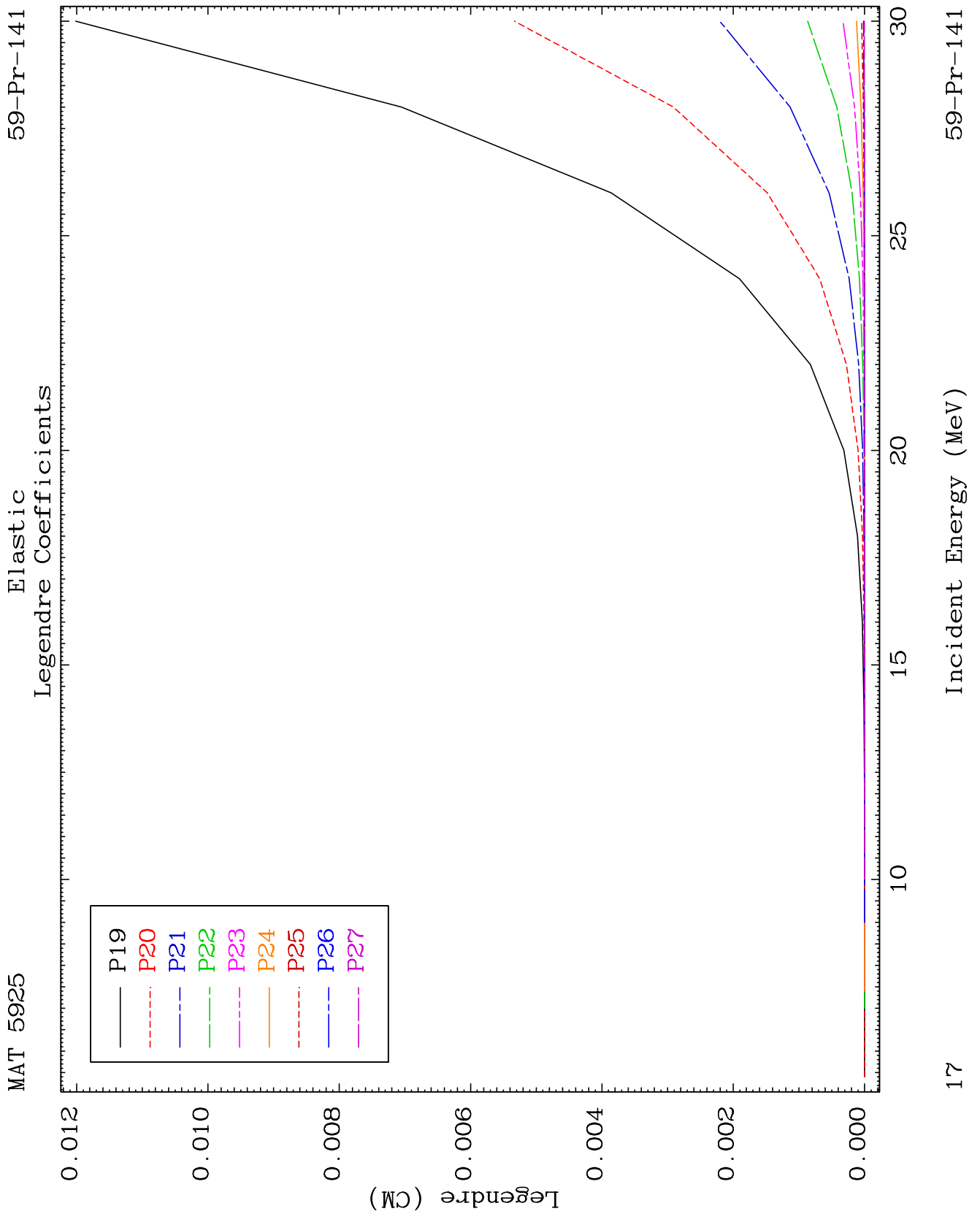
59-Pr-141



16

Incident Energy (MeV)

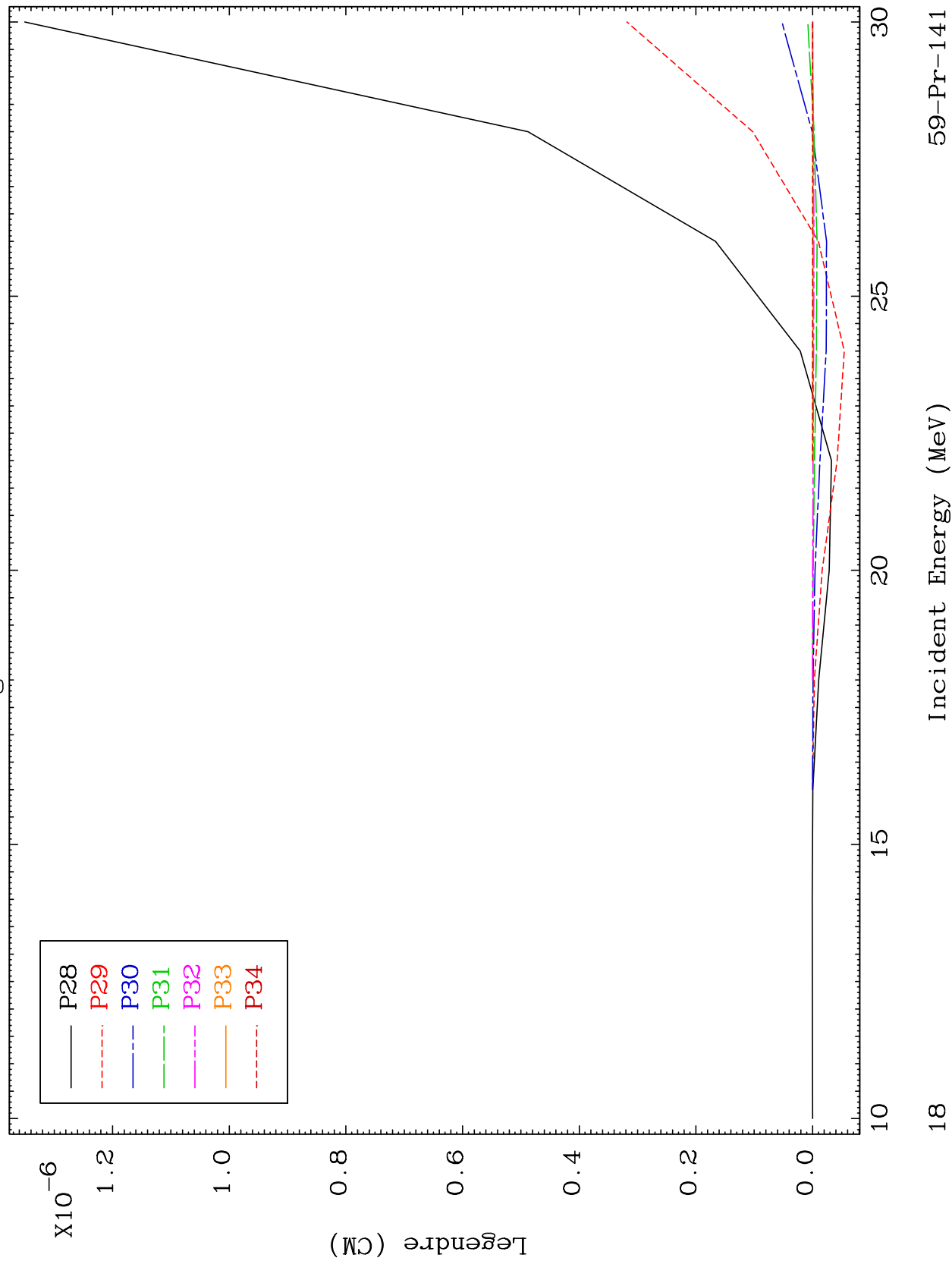
59-Pr-141



MAT 5925

Elastic Legendre Coefficients

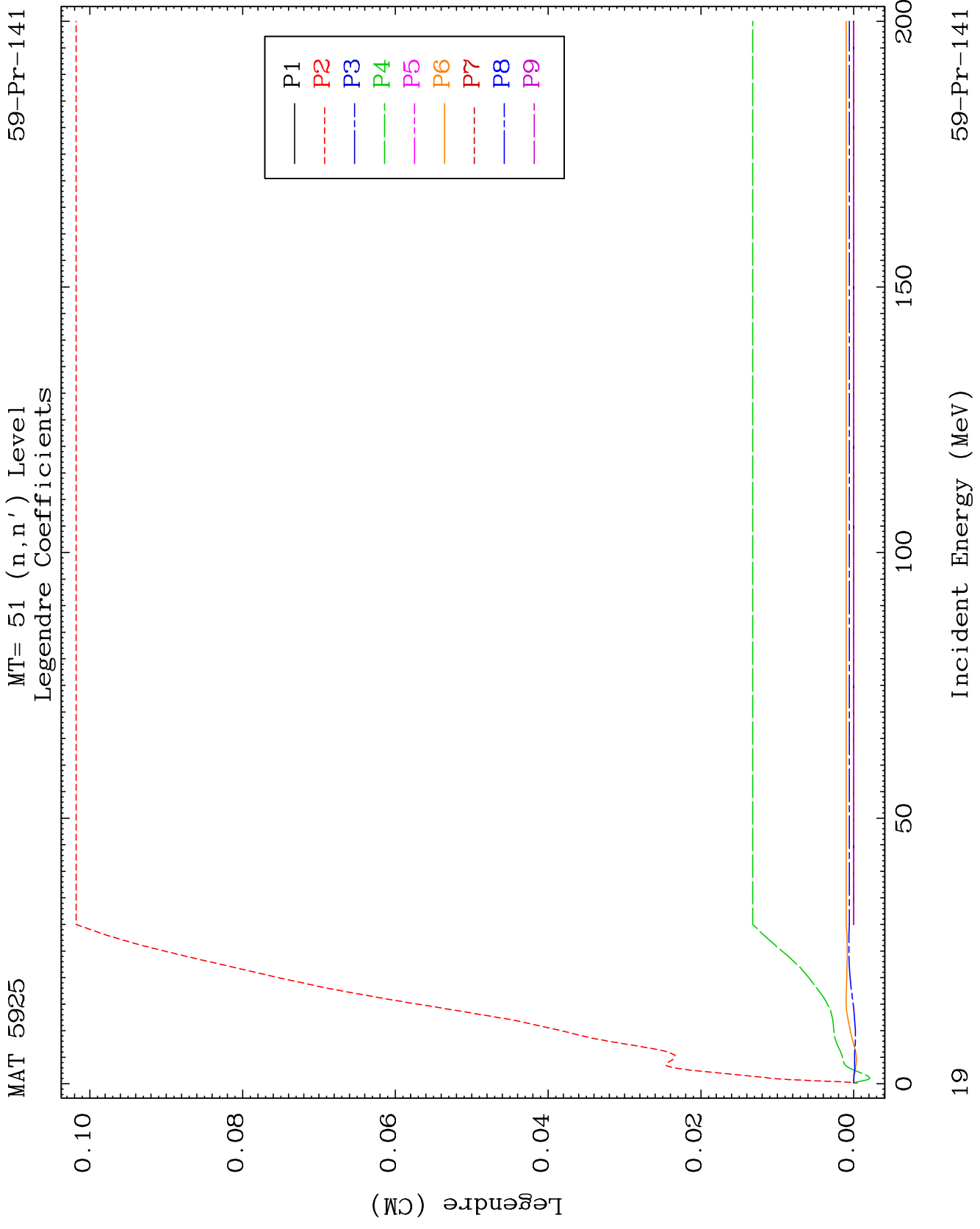
59-Pr-141



59-Pr-141

Incident Energy (MeV)

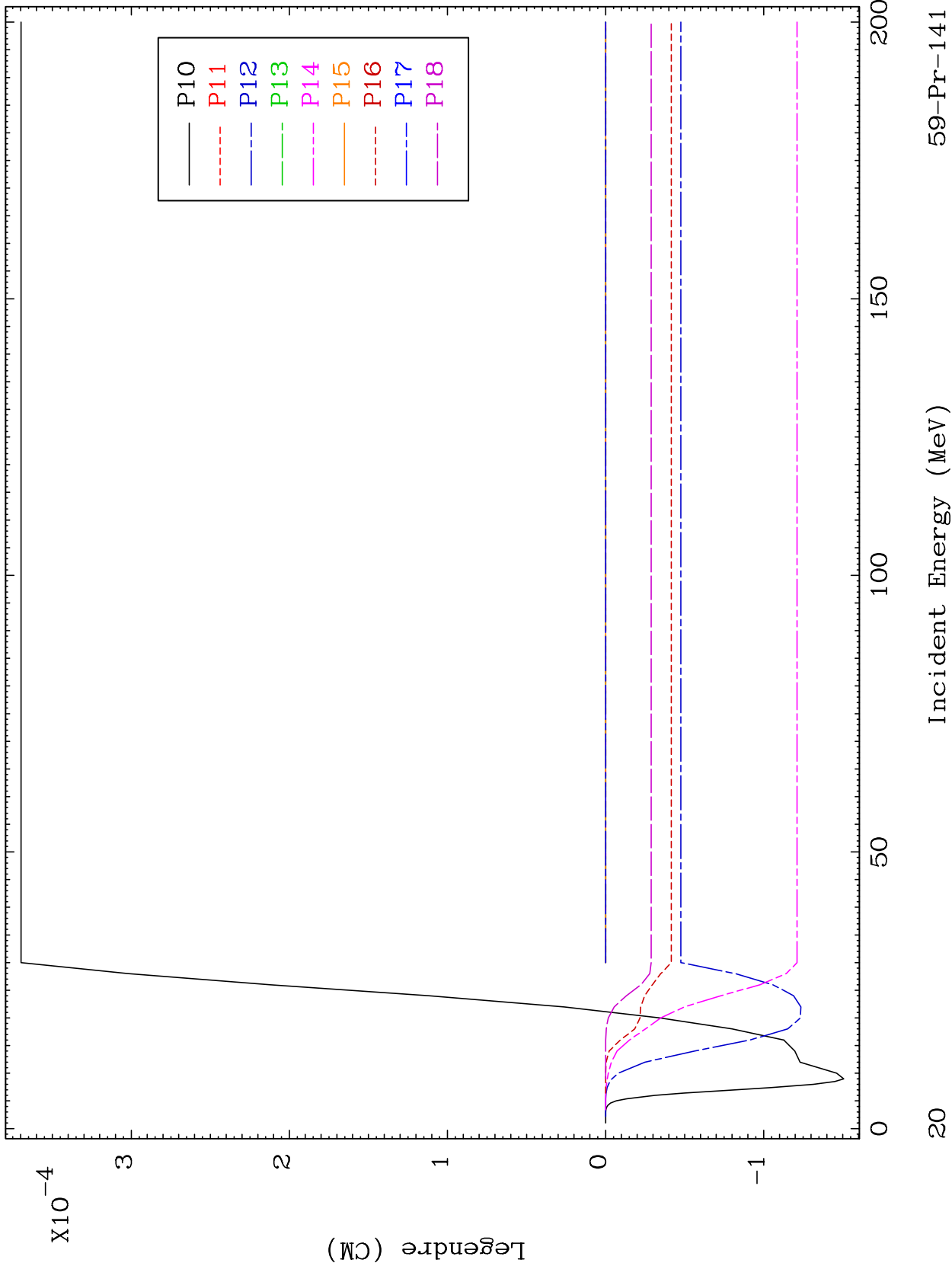
18



MAT 5925

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

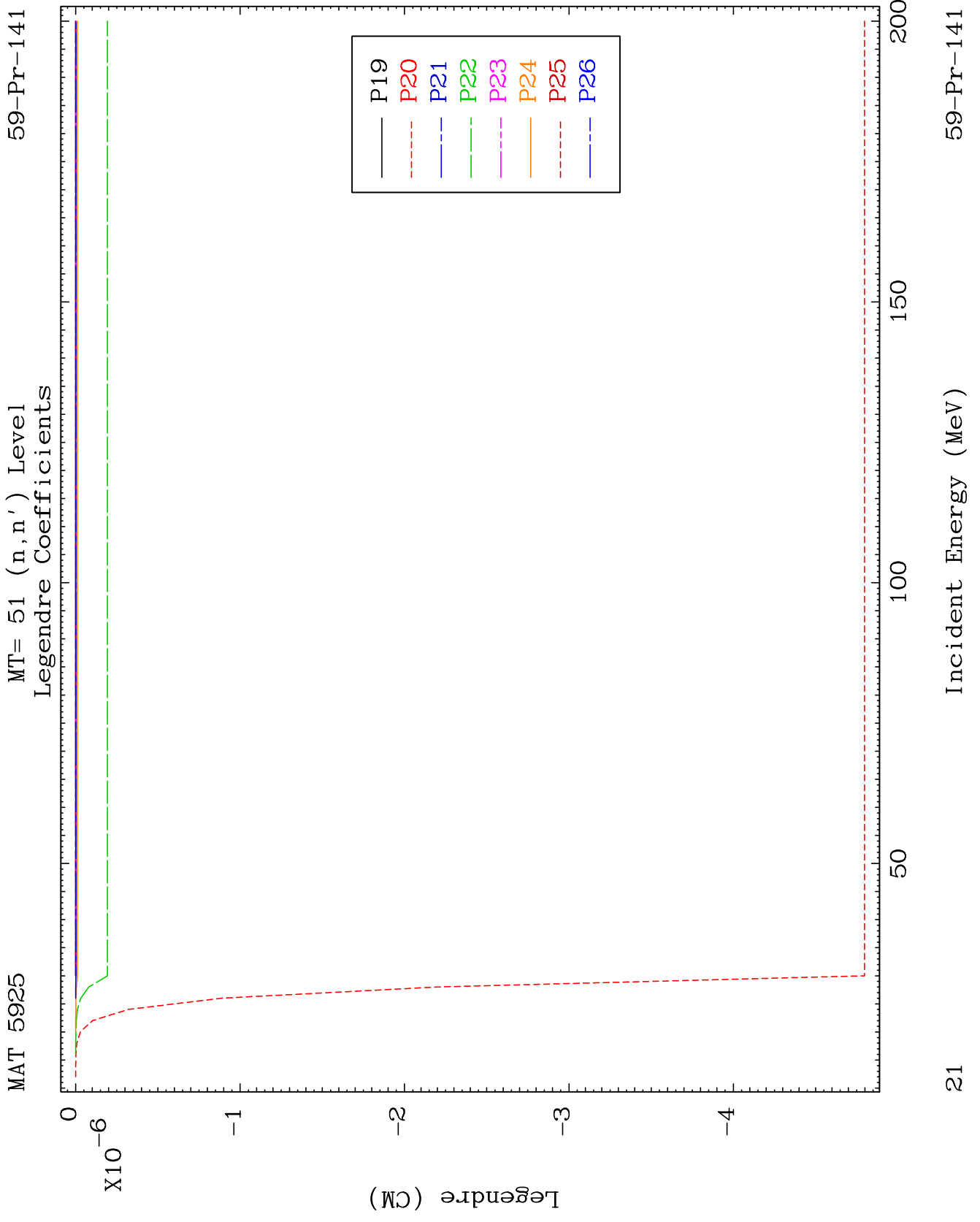
59-Pr-141



59-Pr-141

Incident Energy (MeV)

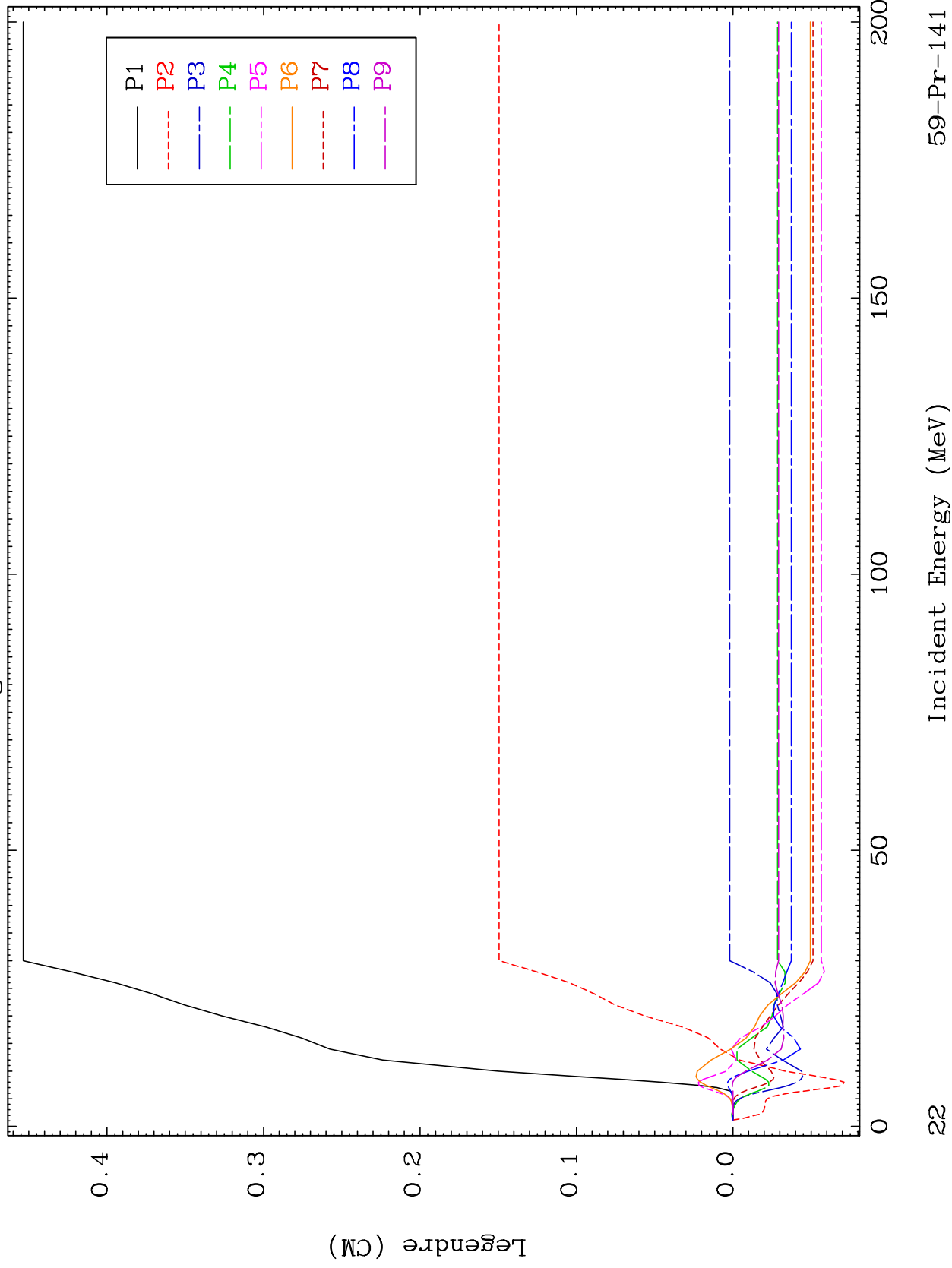
20



MAT 5925

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

59-Pr-141



59-Pr-141

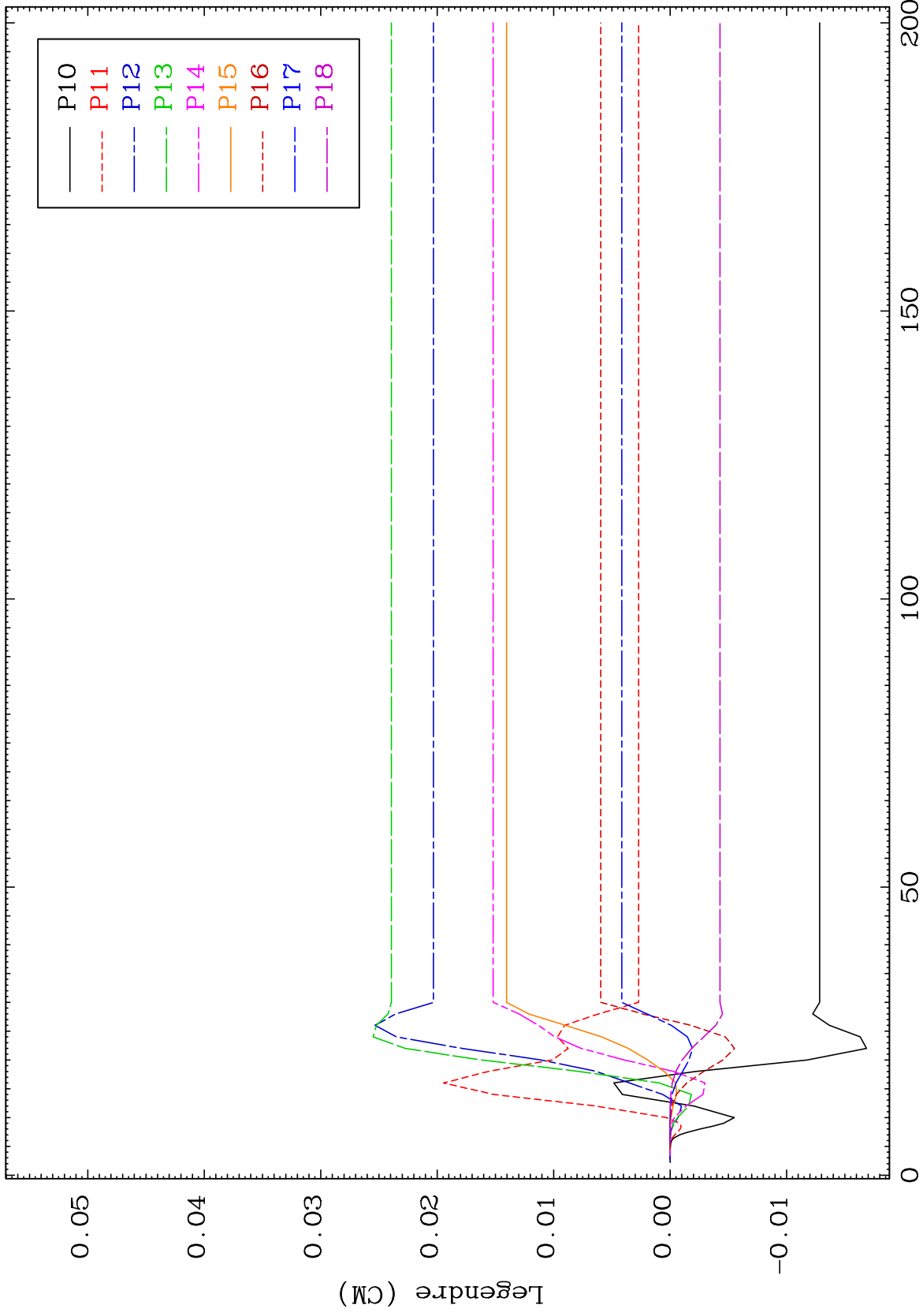
Incident Energy (MeV)

22

MAT 5925

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

59-Pr-141



23

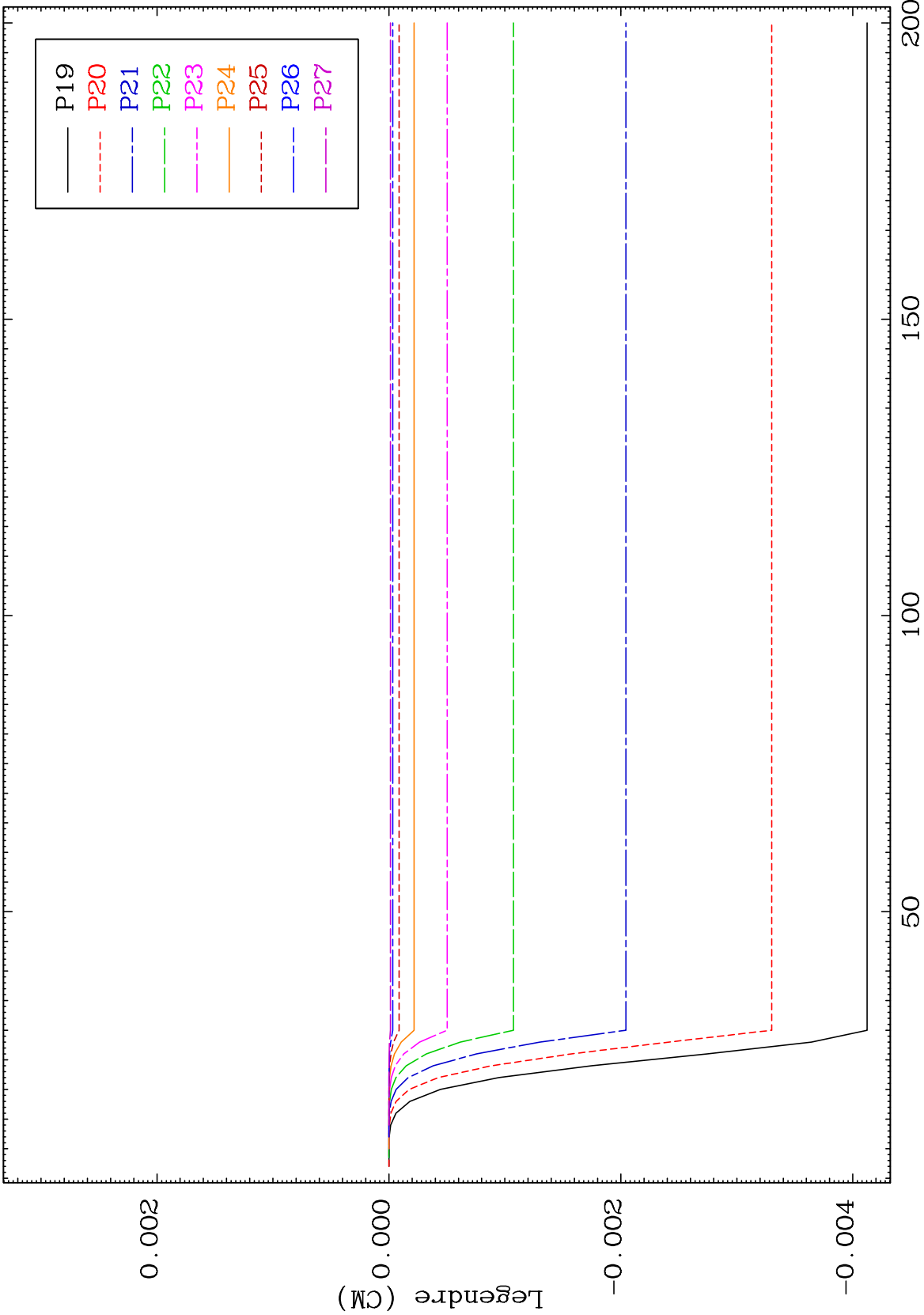
Incident Energy (MeV)

59-Pr-141

MAT 5925

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

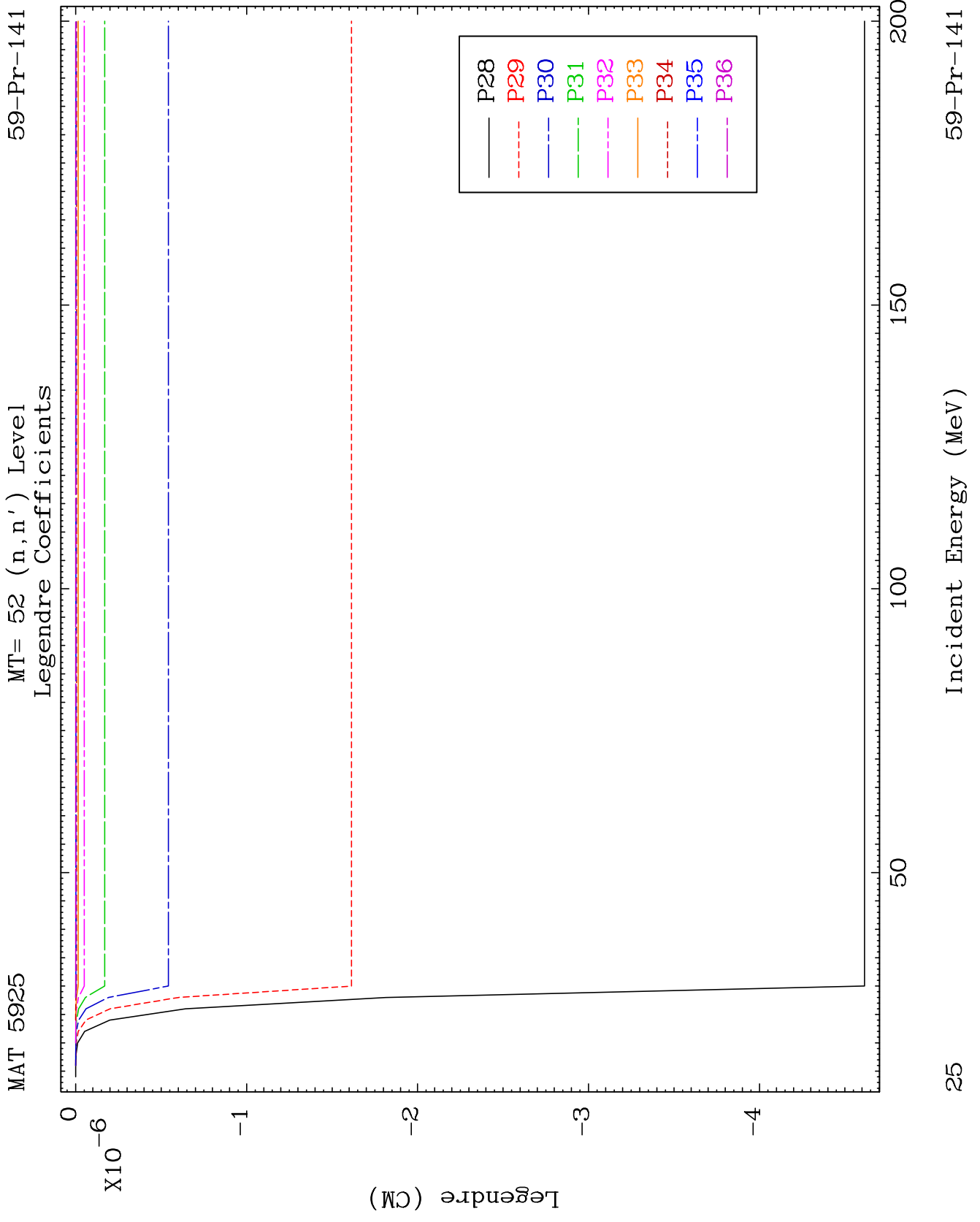
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24

Incident Energy (MeV)

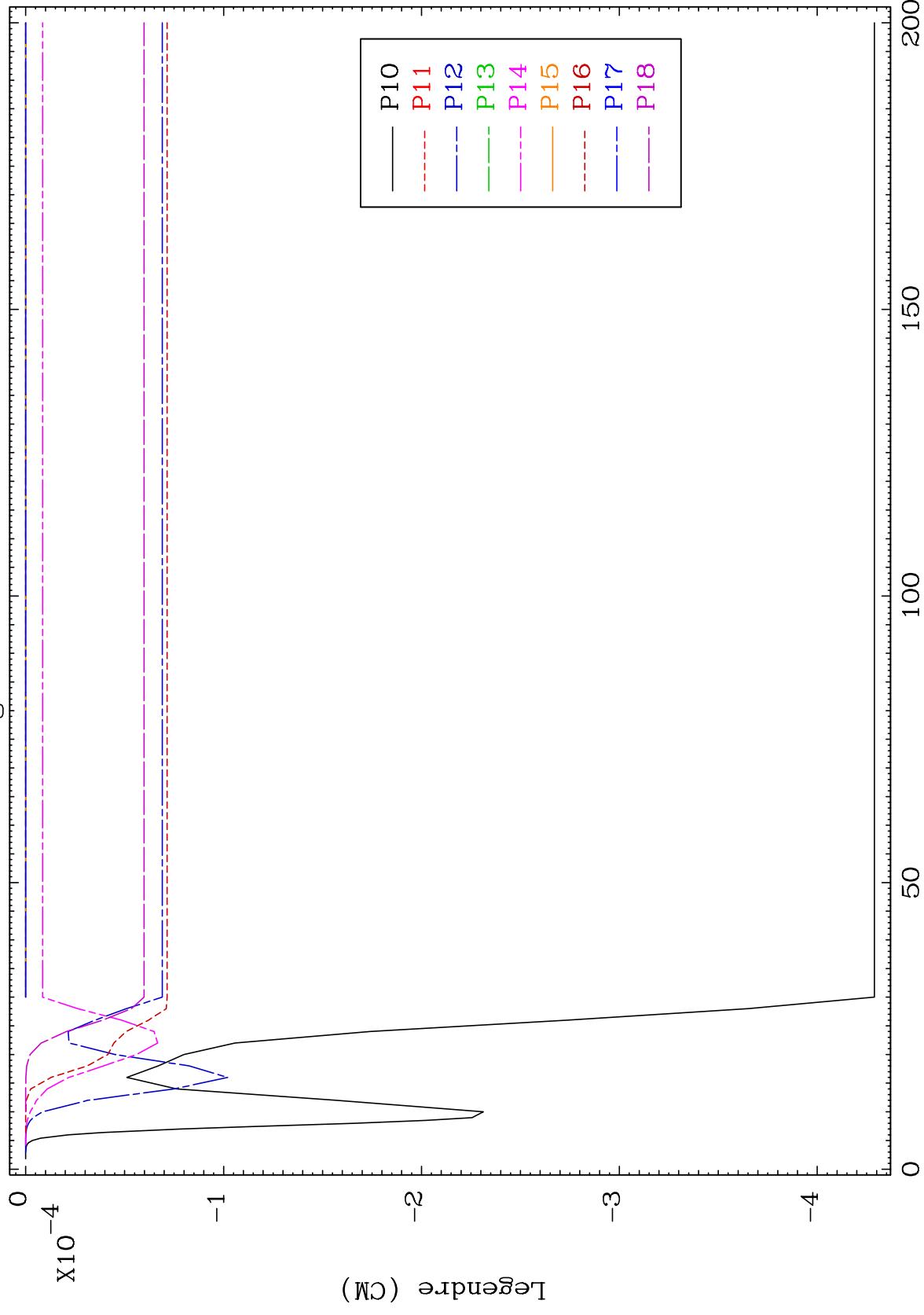
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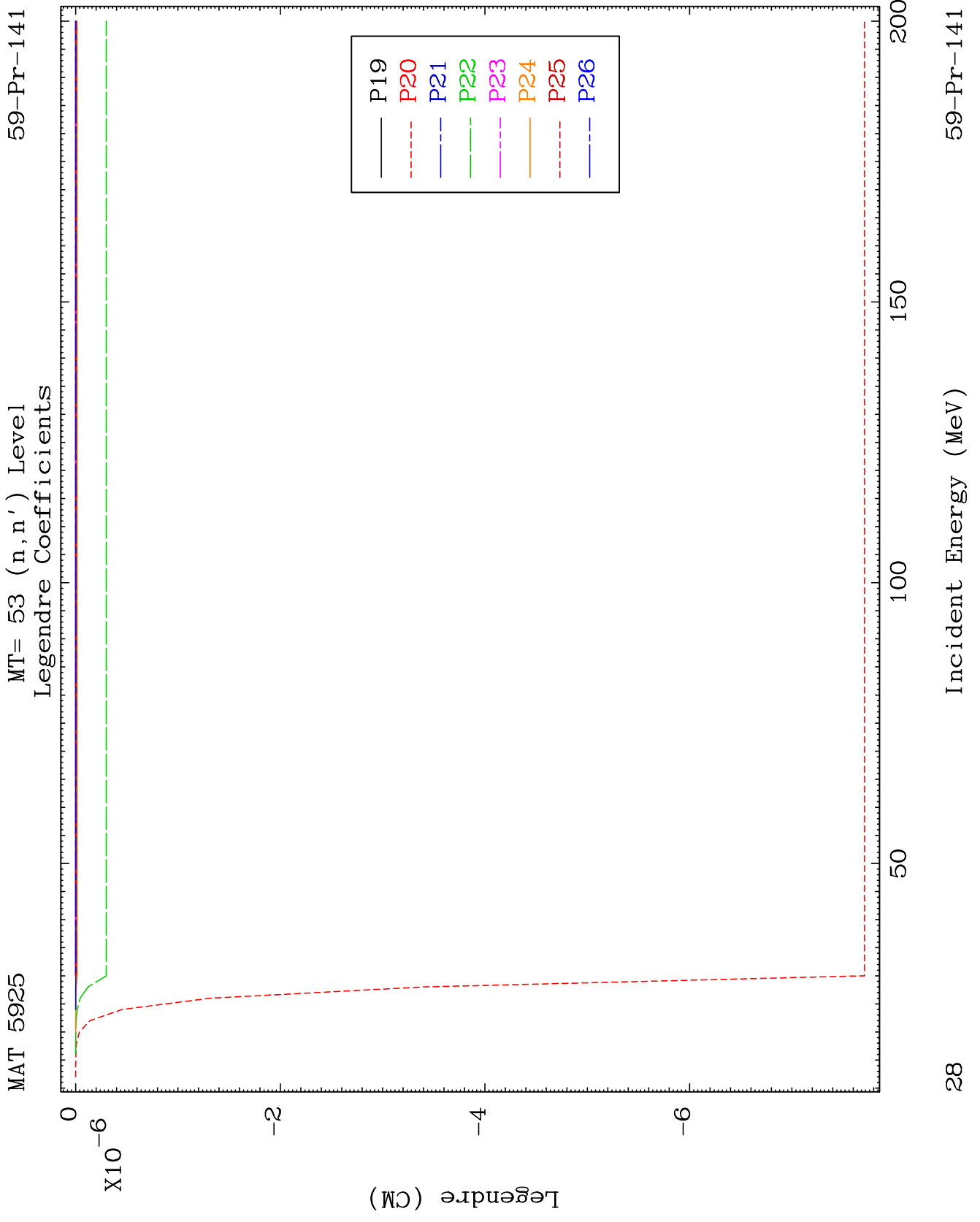


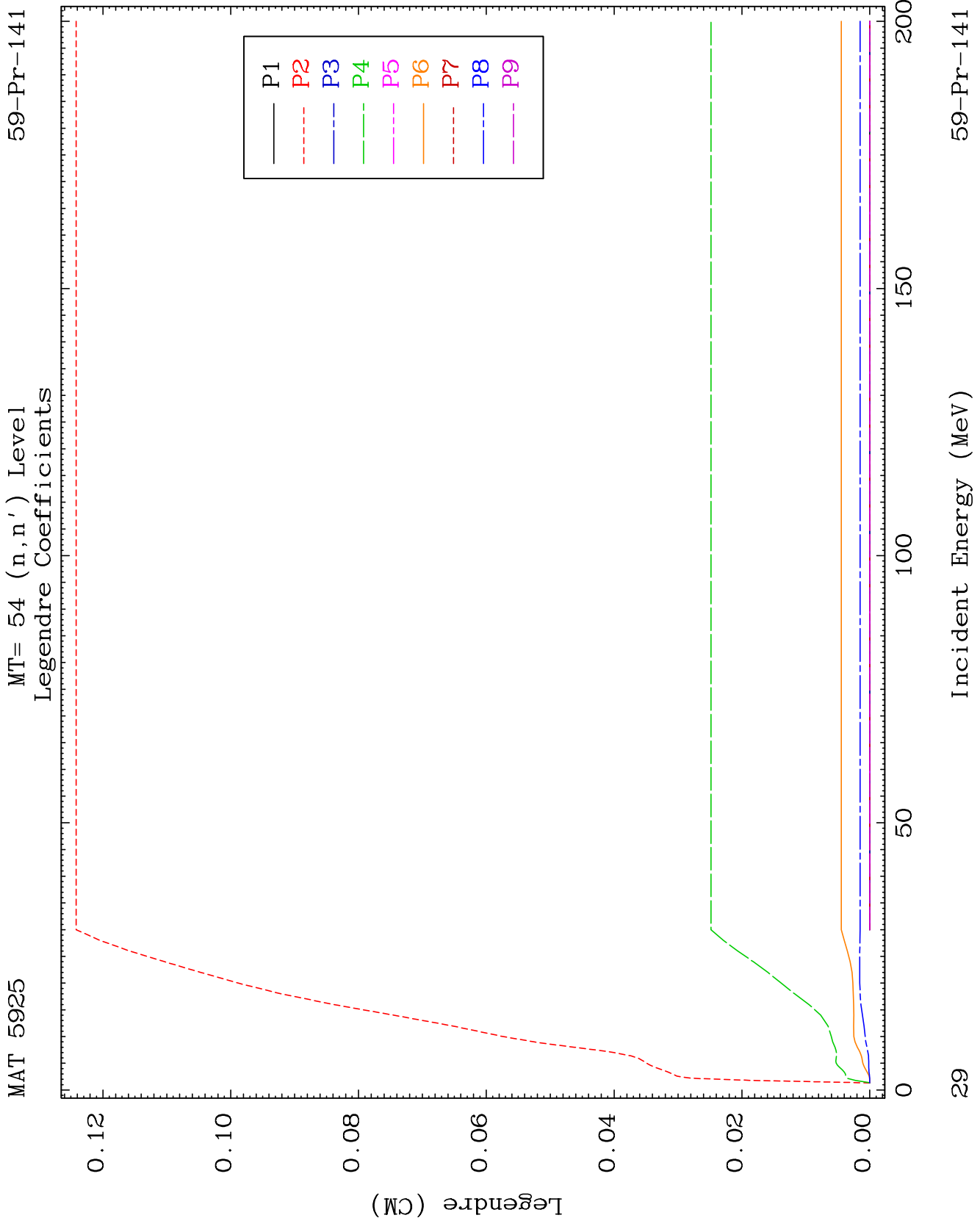
MAT 5925

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

59-Pr-141



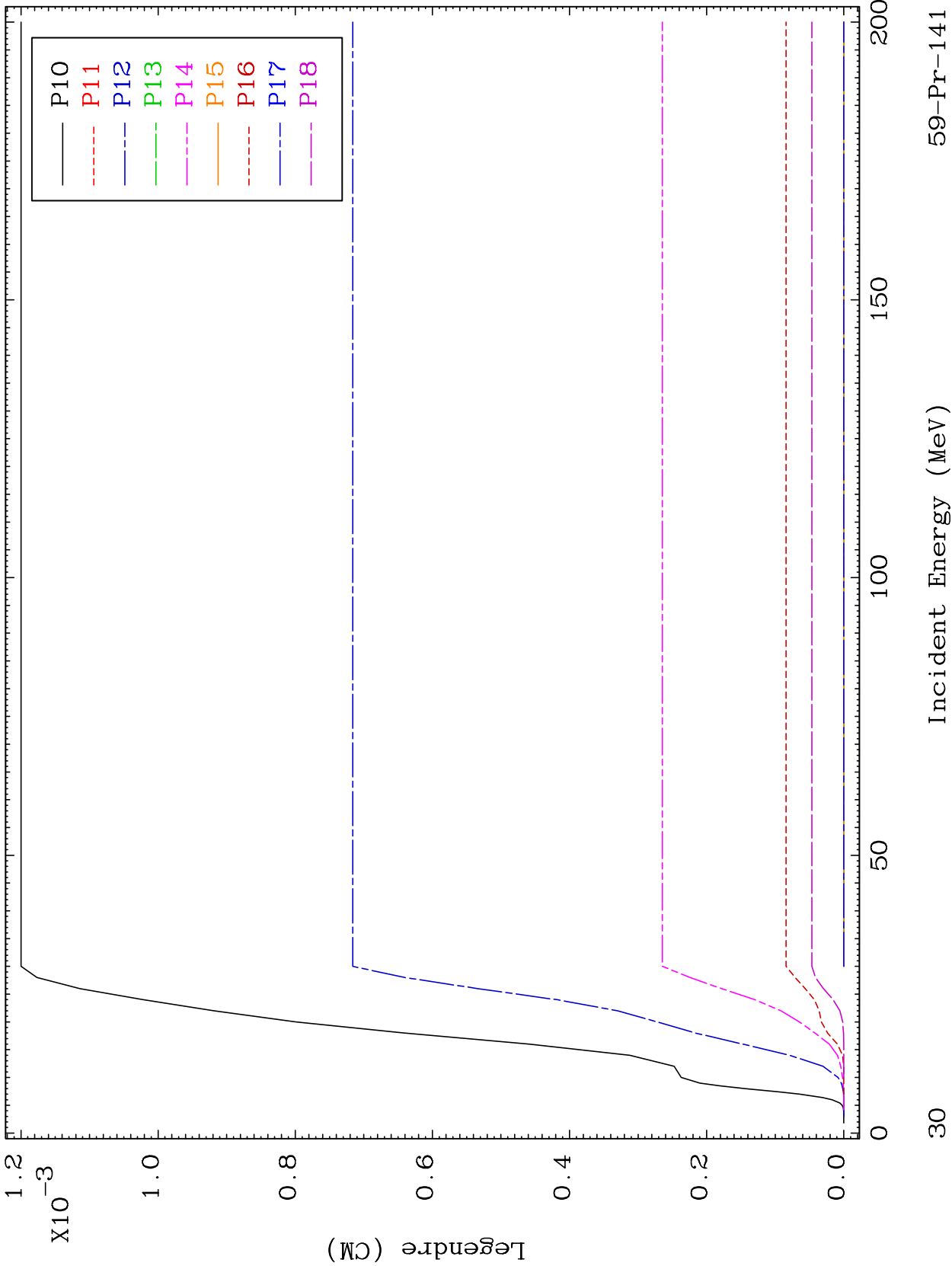




MAT 5925

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

59-Pr-141

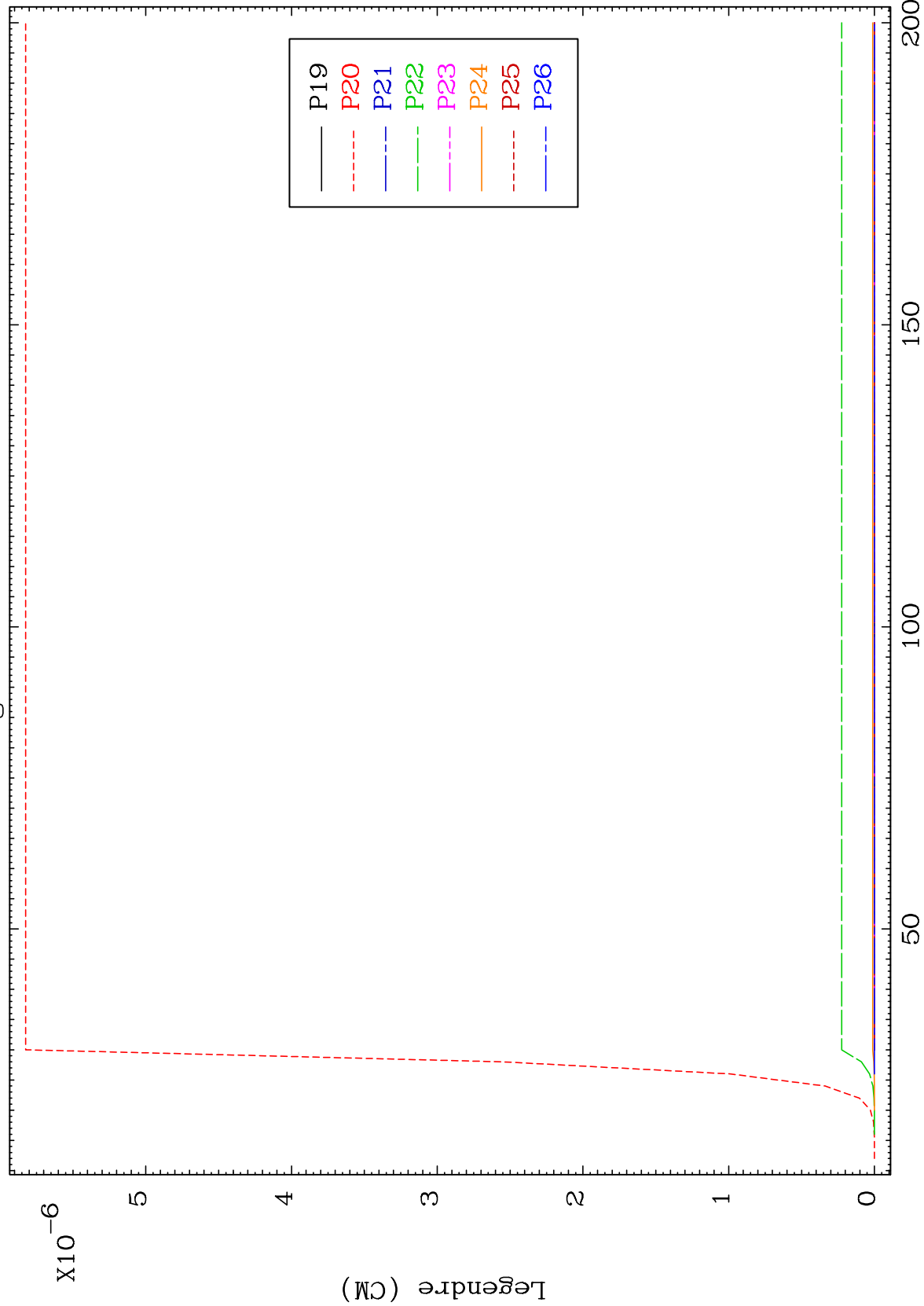


59-Pr-141

MAT 5925

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

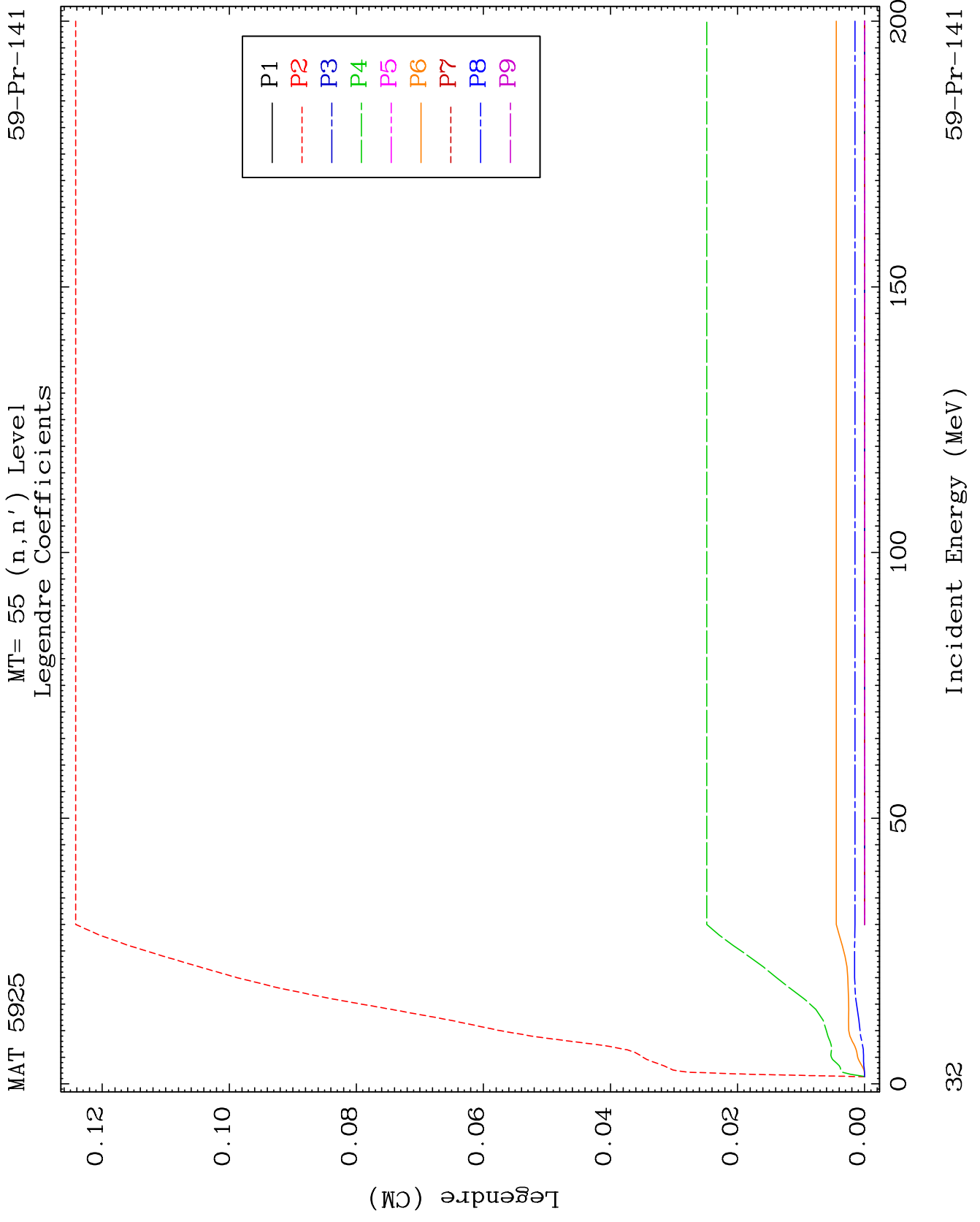
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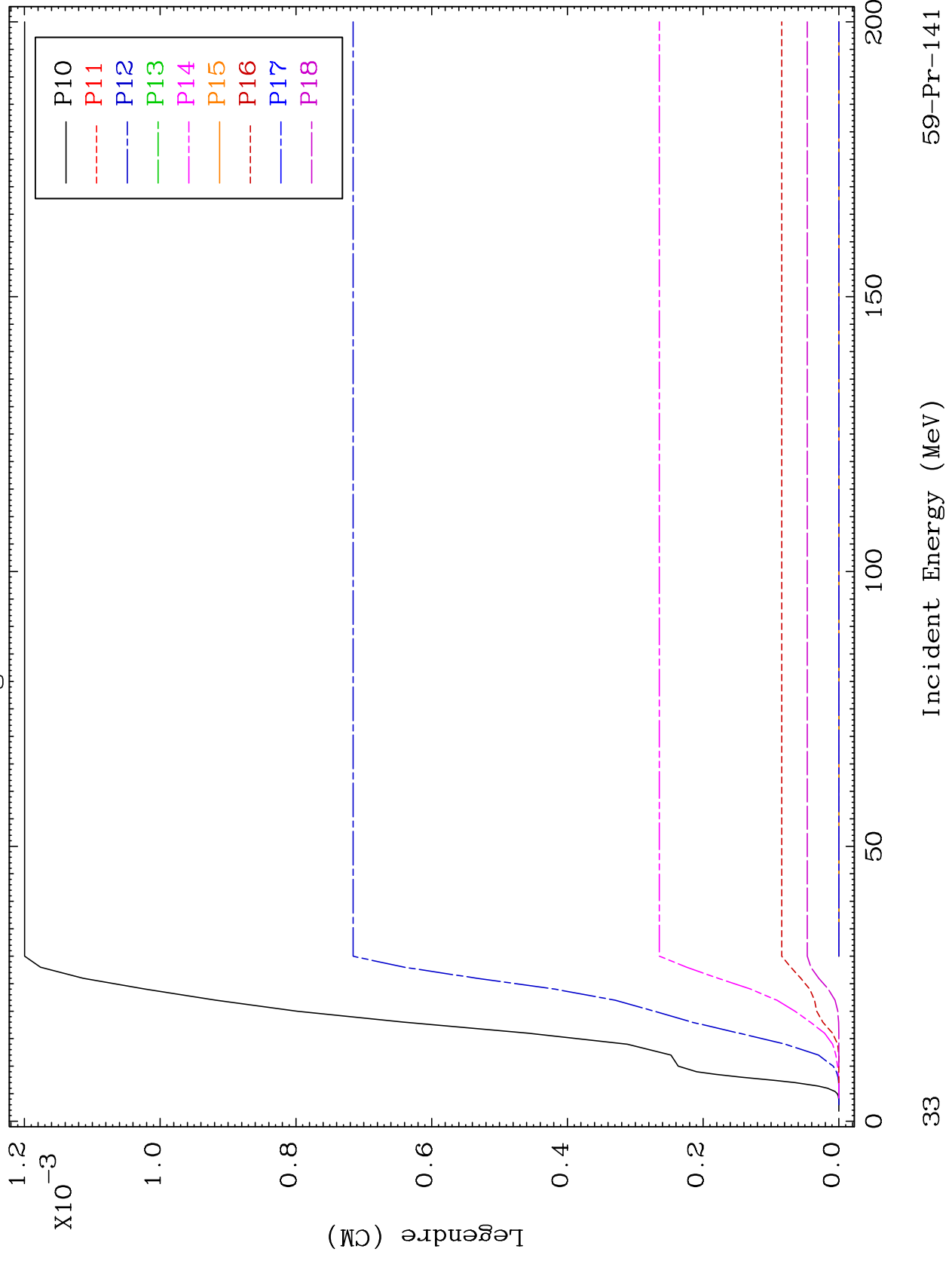


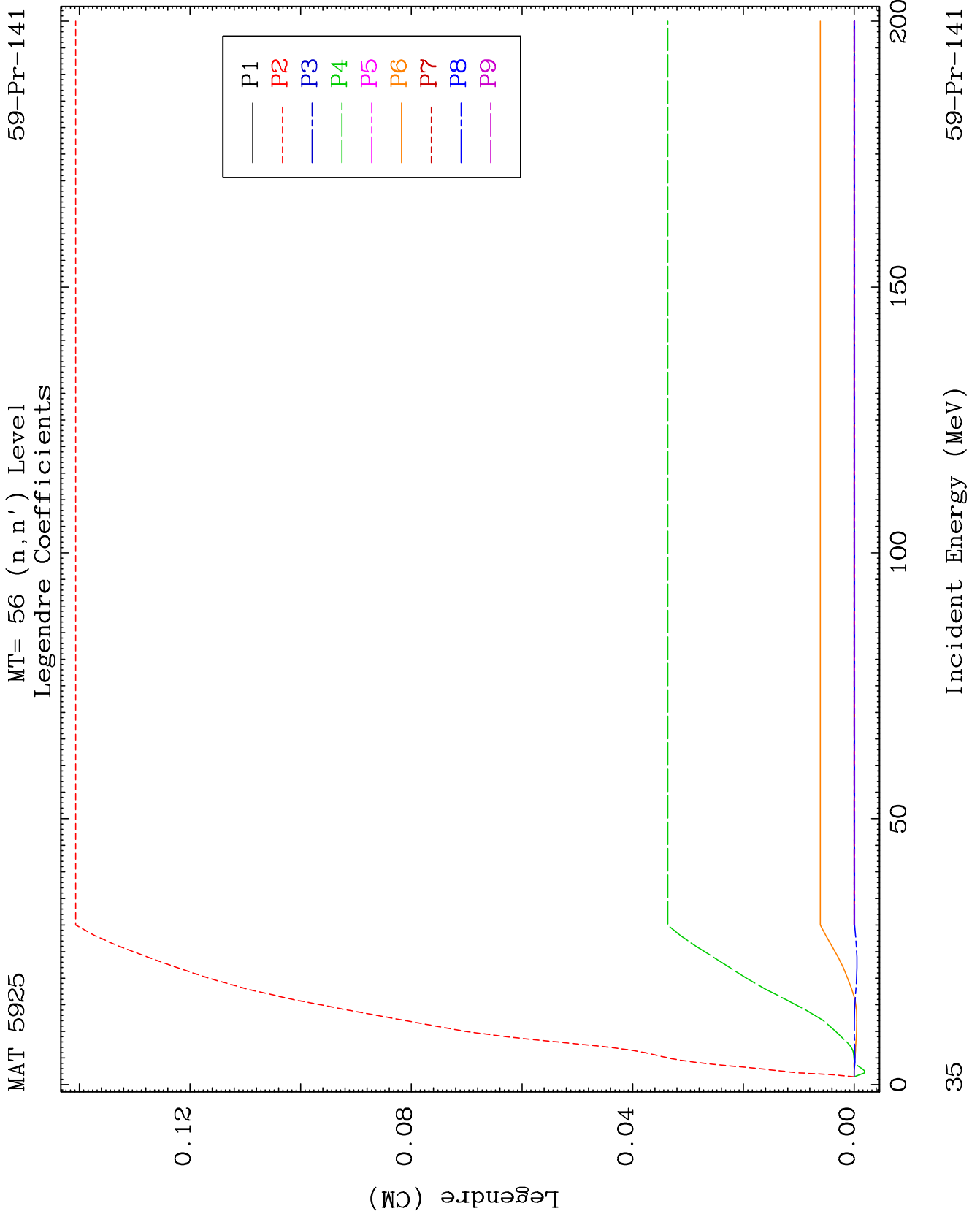
31

Incident Energy (MeV)

59-Pr-141



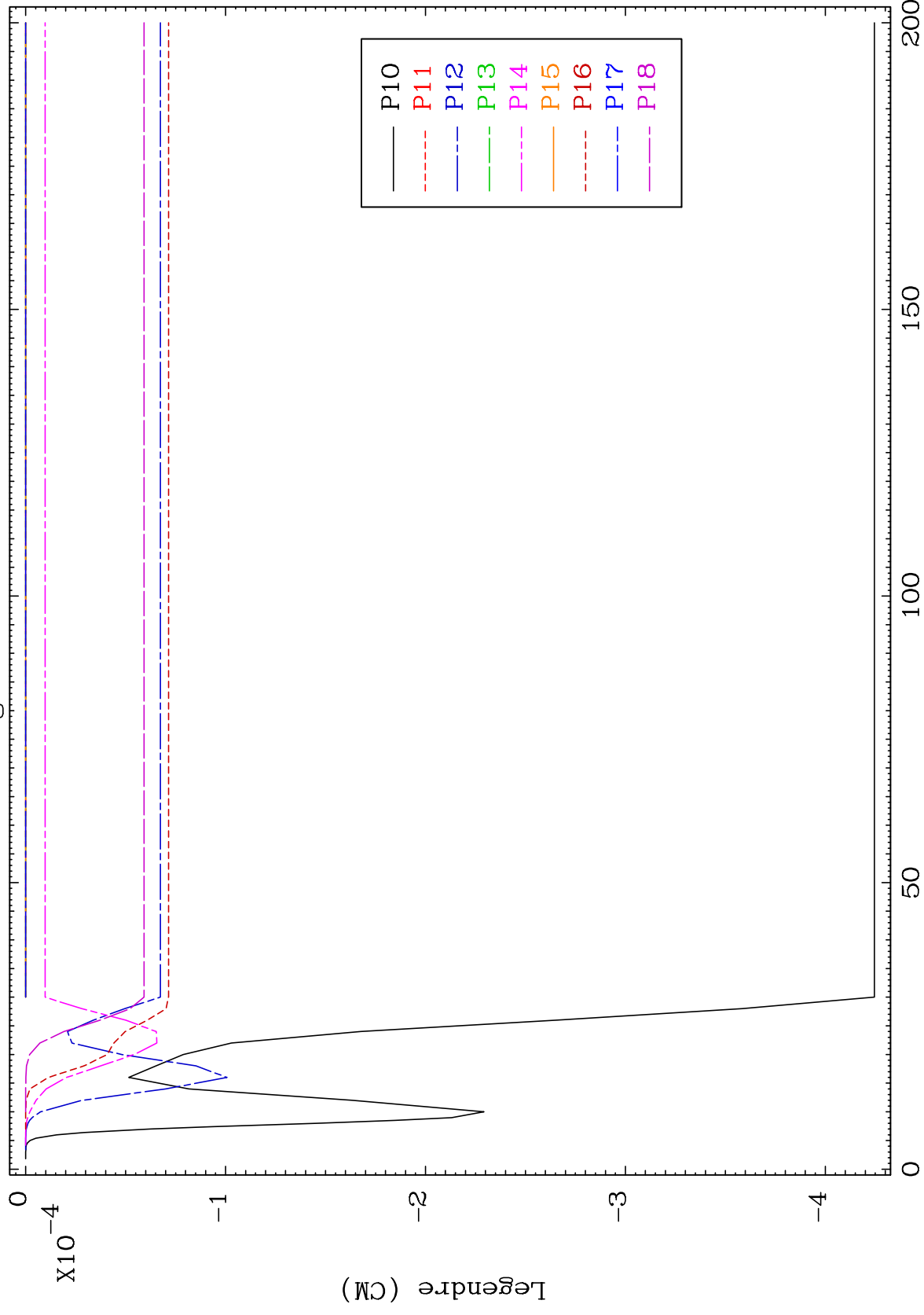




MAT 5925

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

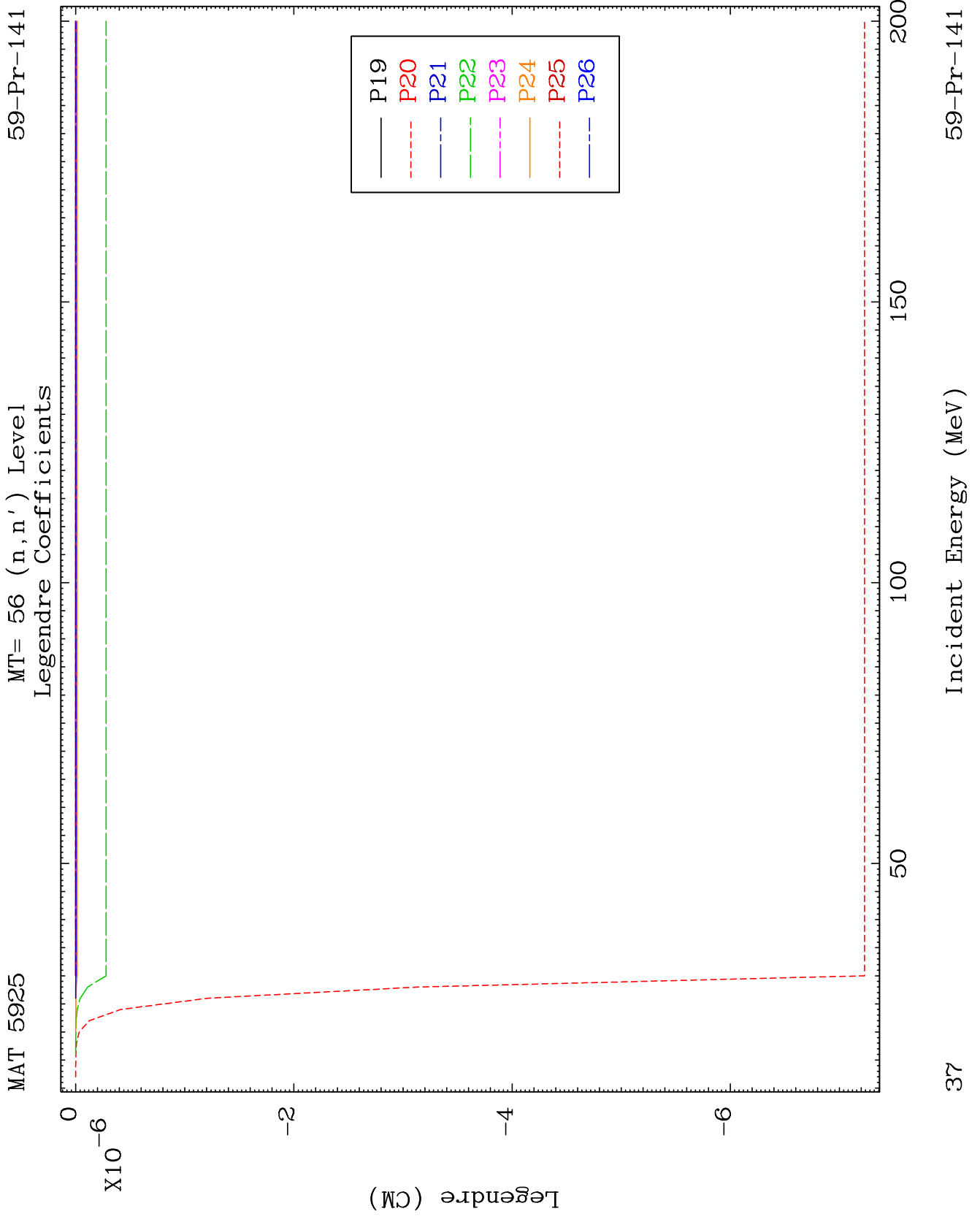
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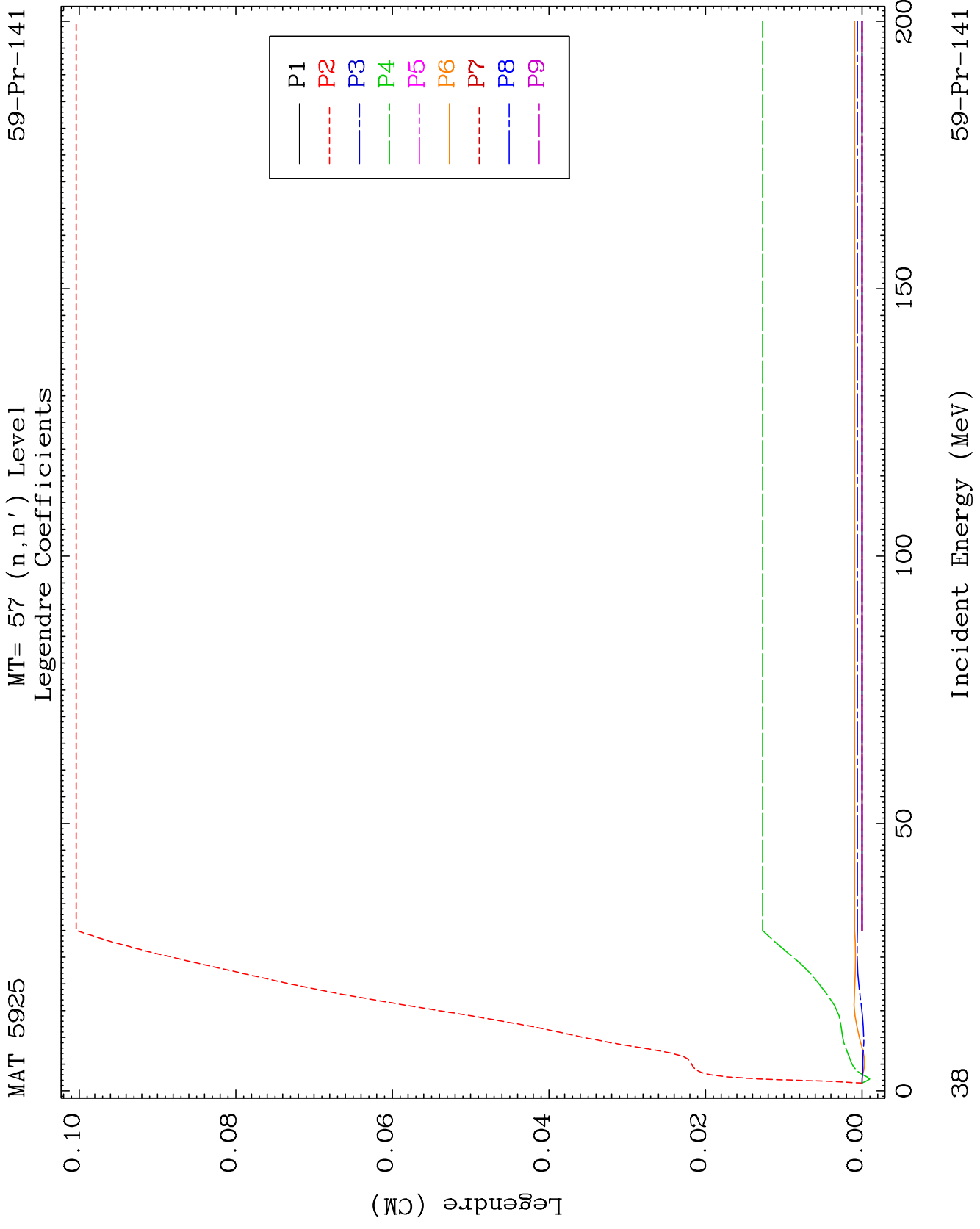


36

Incident Energy (MeV)

59-Pr-141

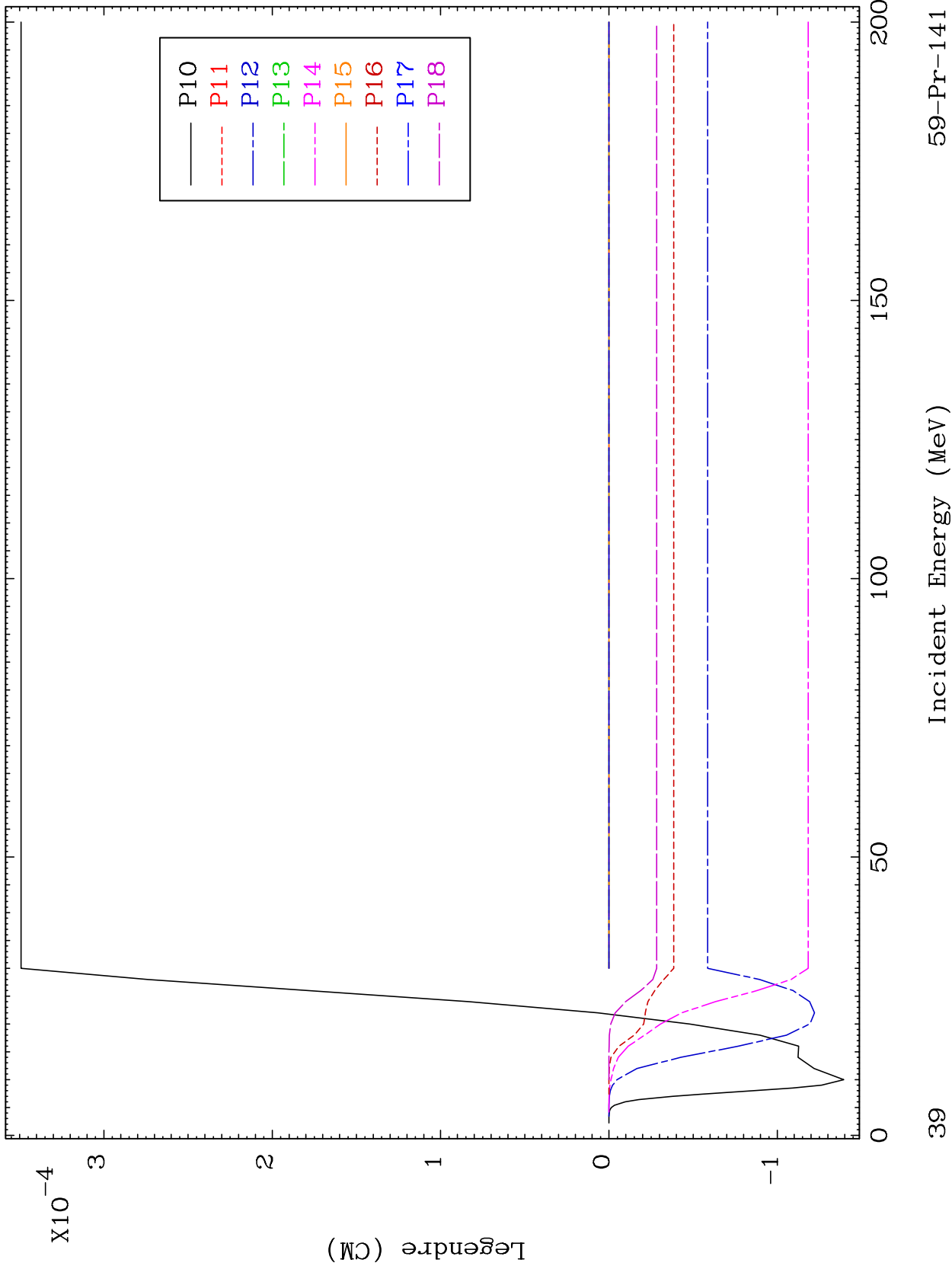


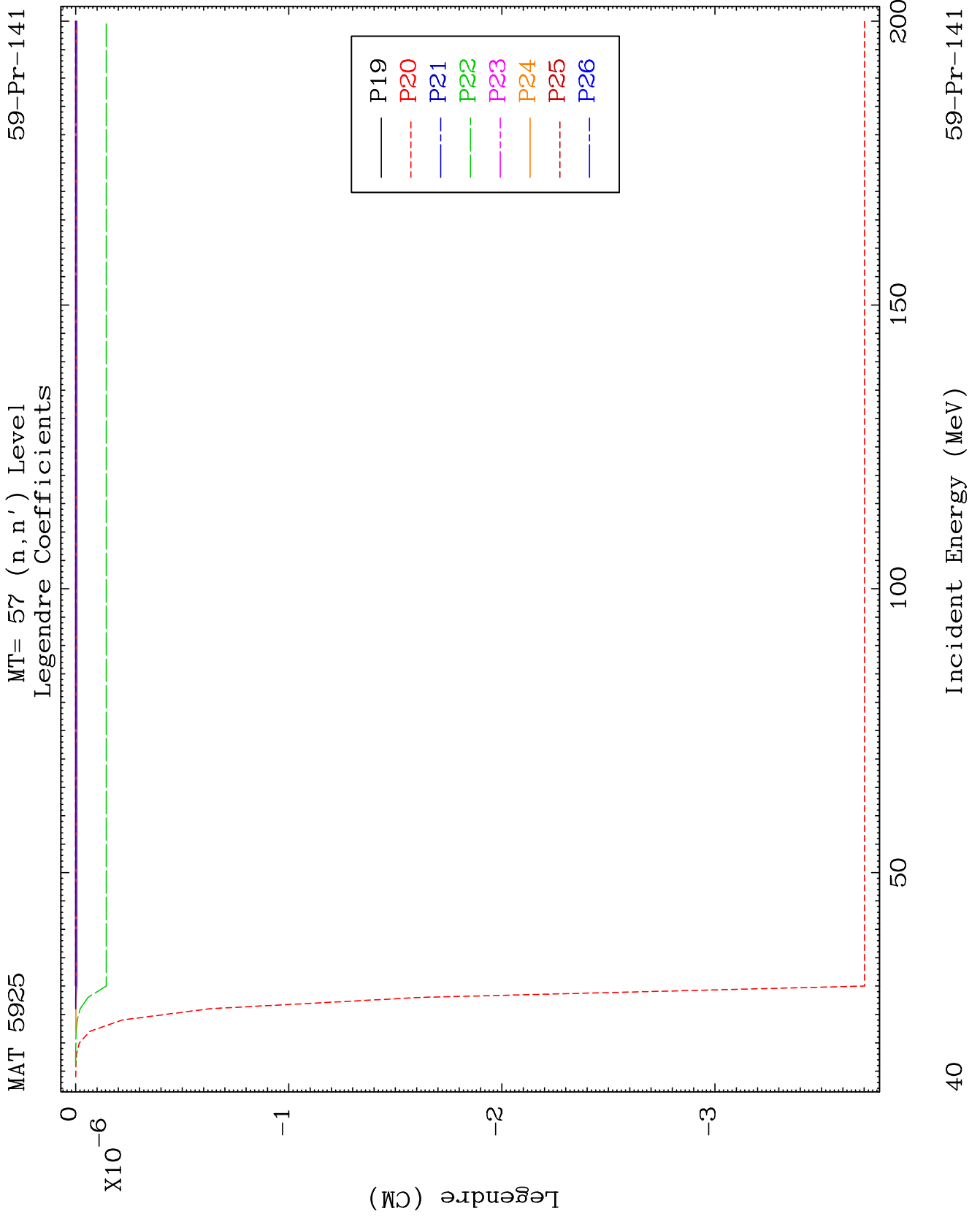


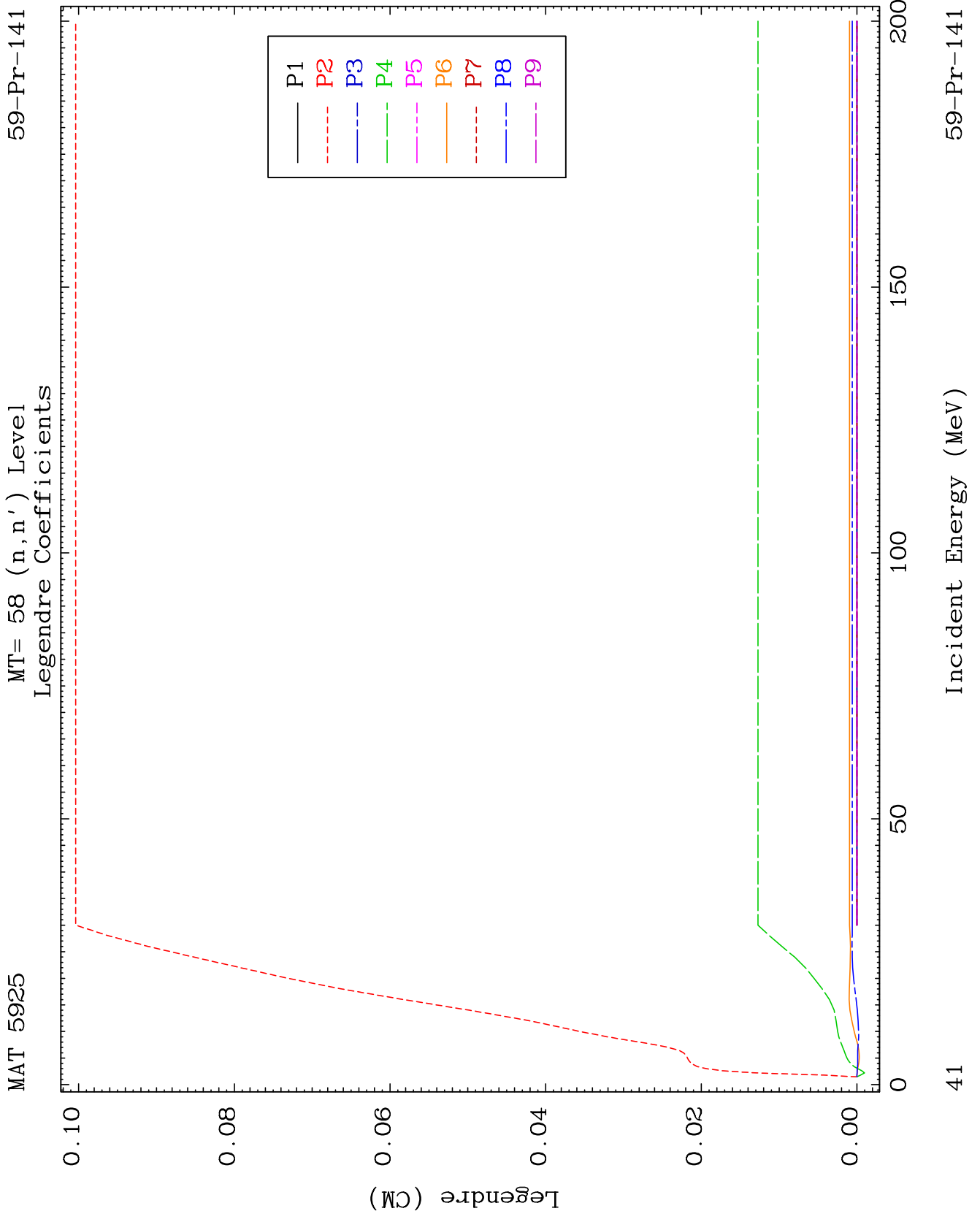
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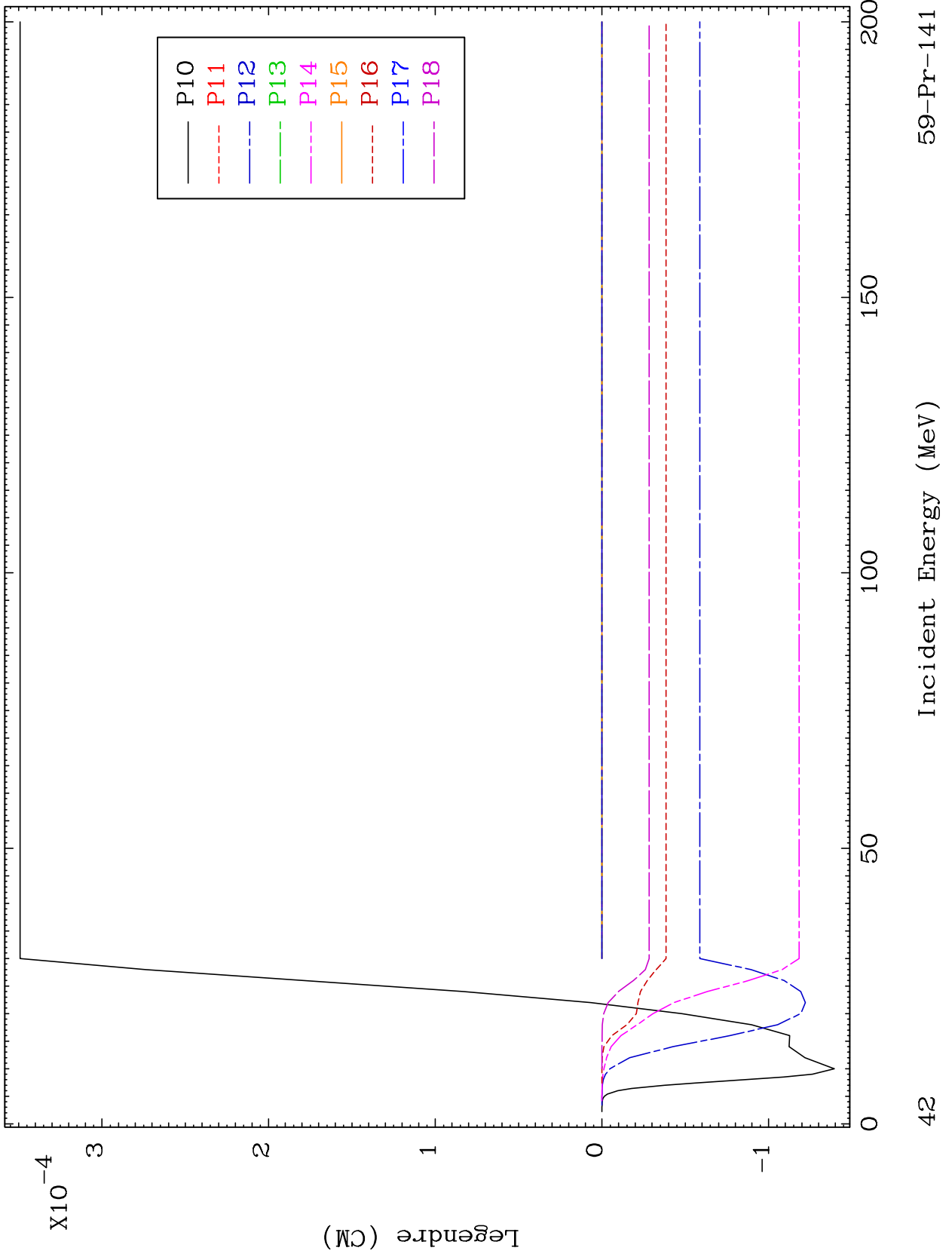
Incident Energy (MeV)

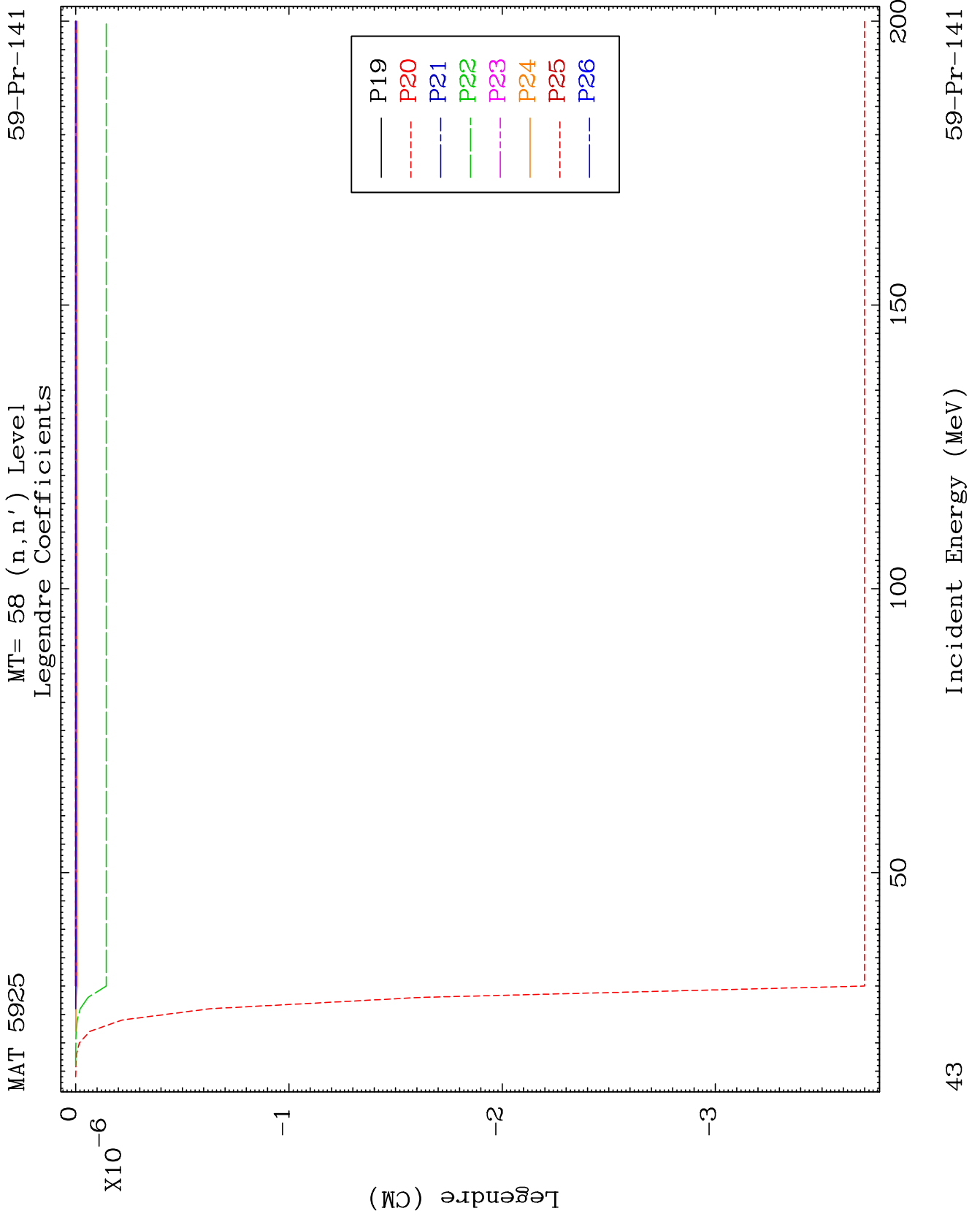
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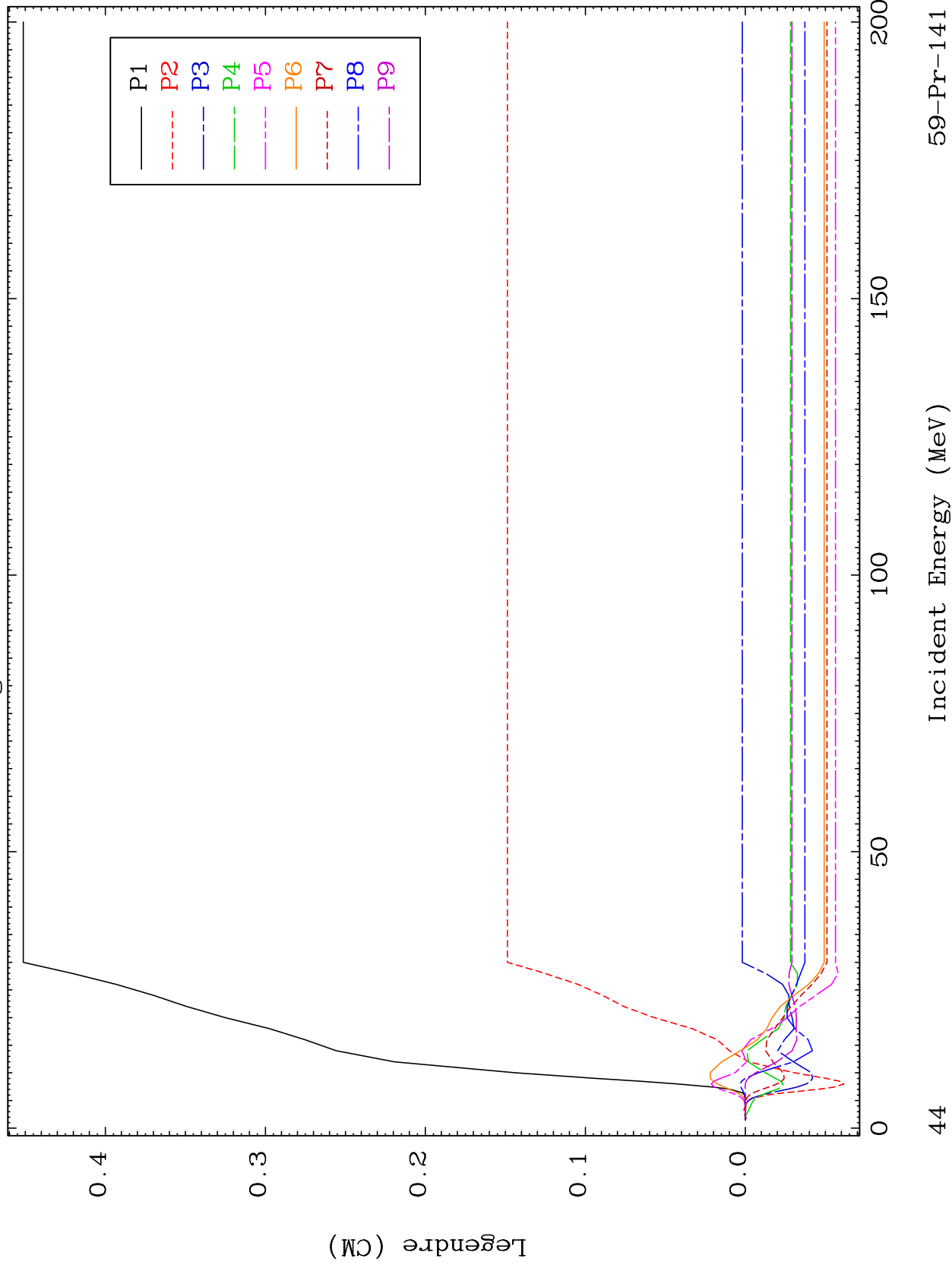




MAT 5925

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

59-Pr-141



59-Pr-141

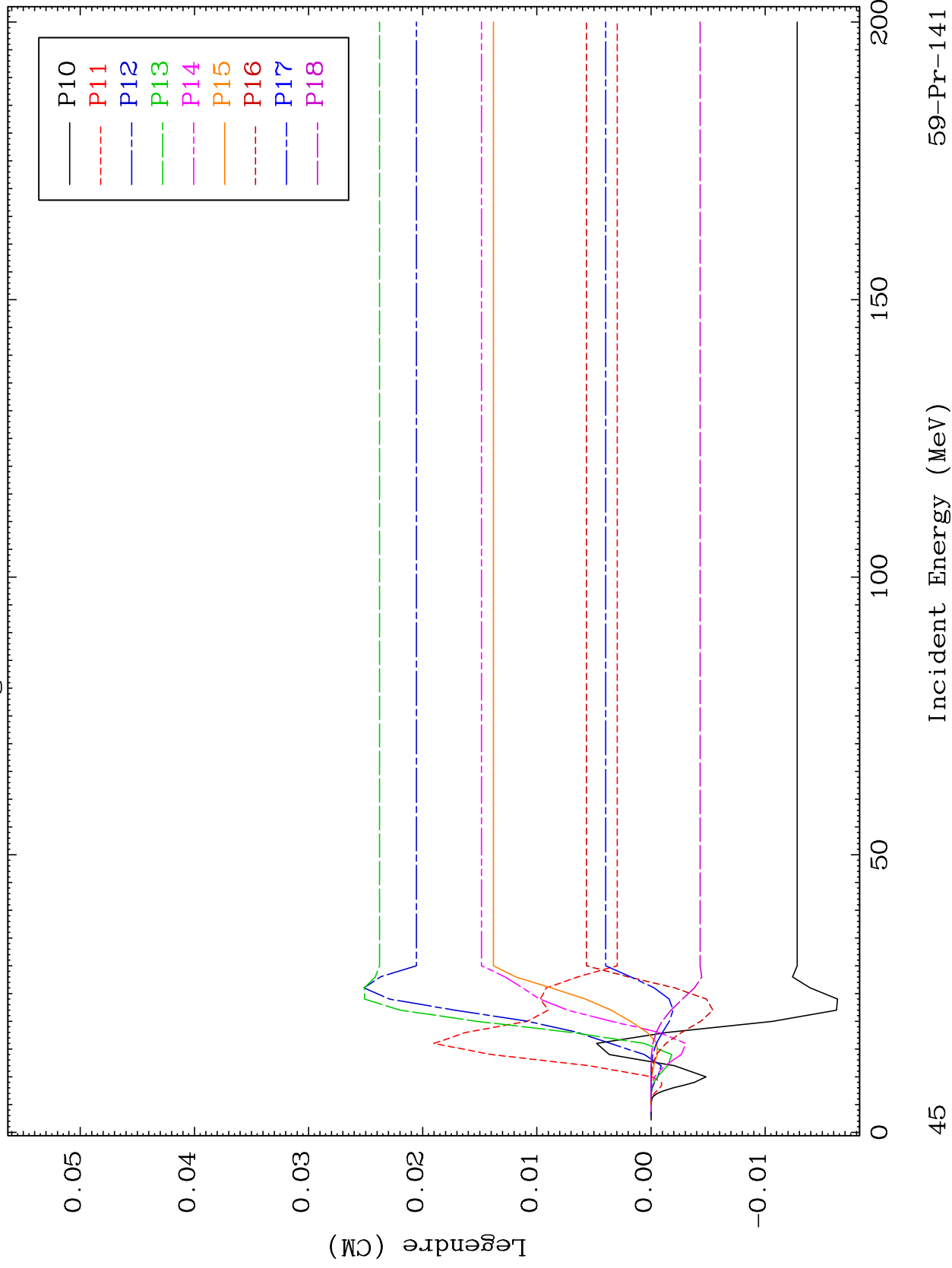
Incident Energy (MeV)

44

MAT 5925

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

59-Pr-141



59-Pr-141

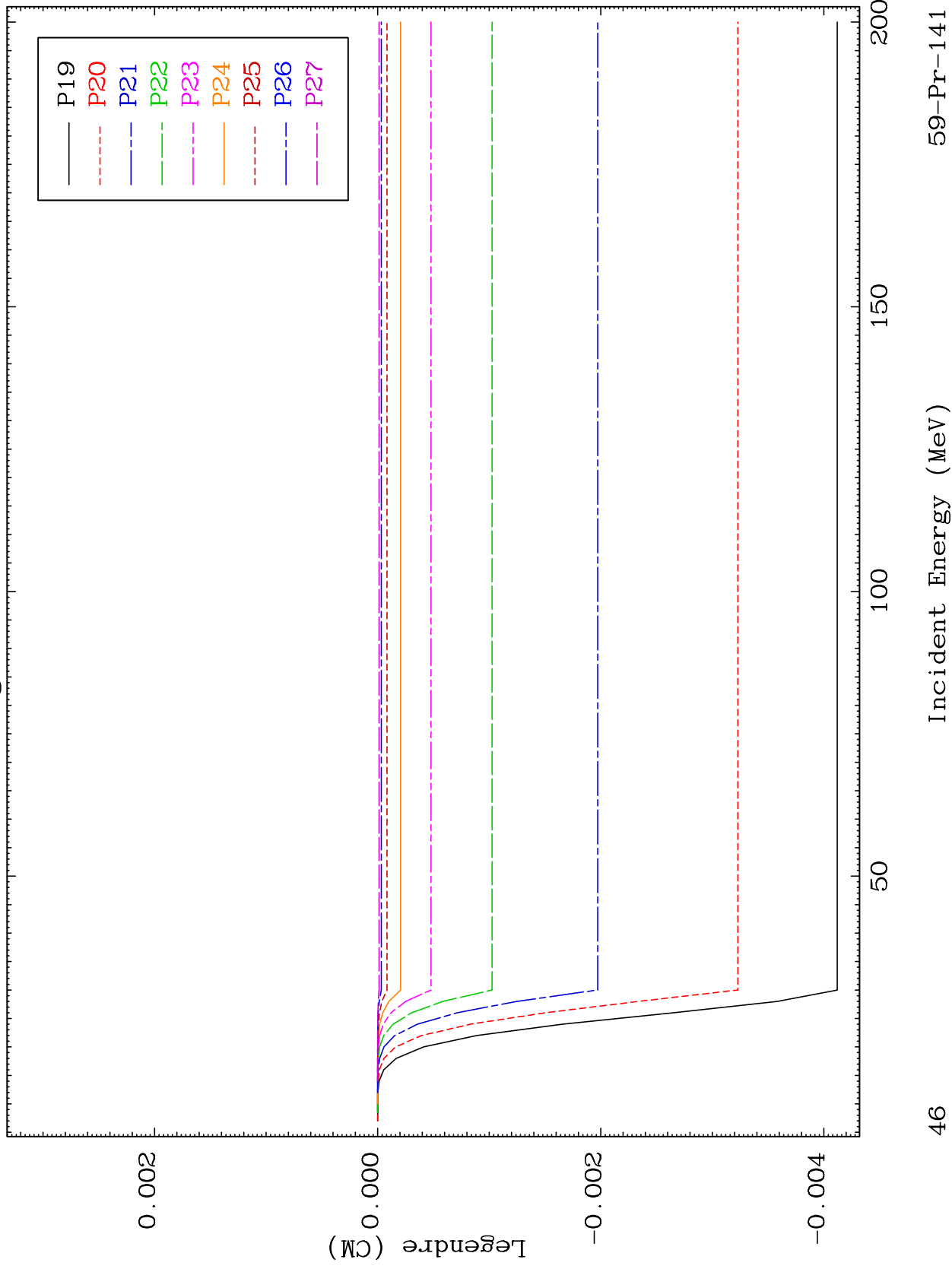
Incident Energy (MeV)

45

MAT 5925

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

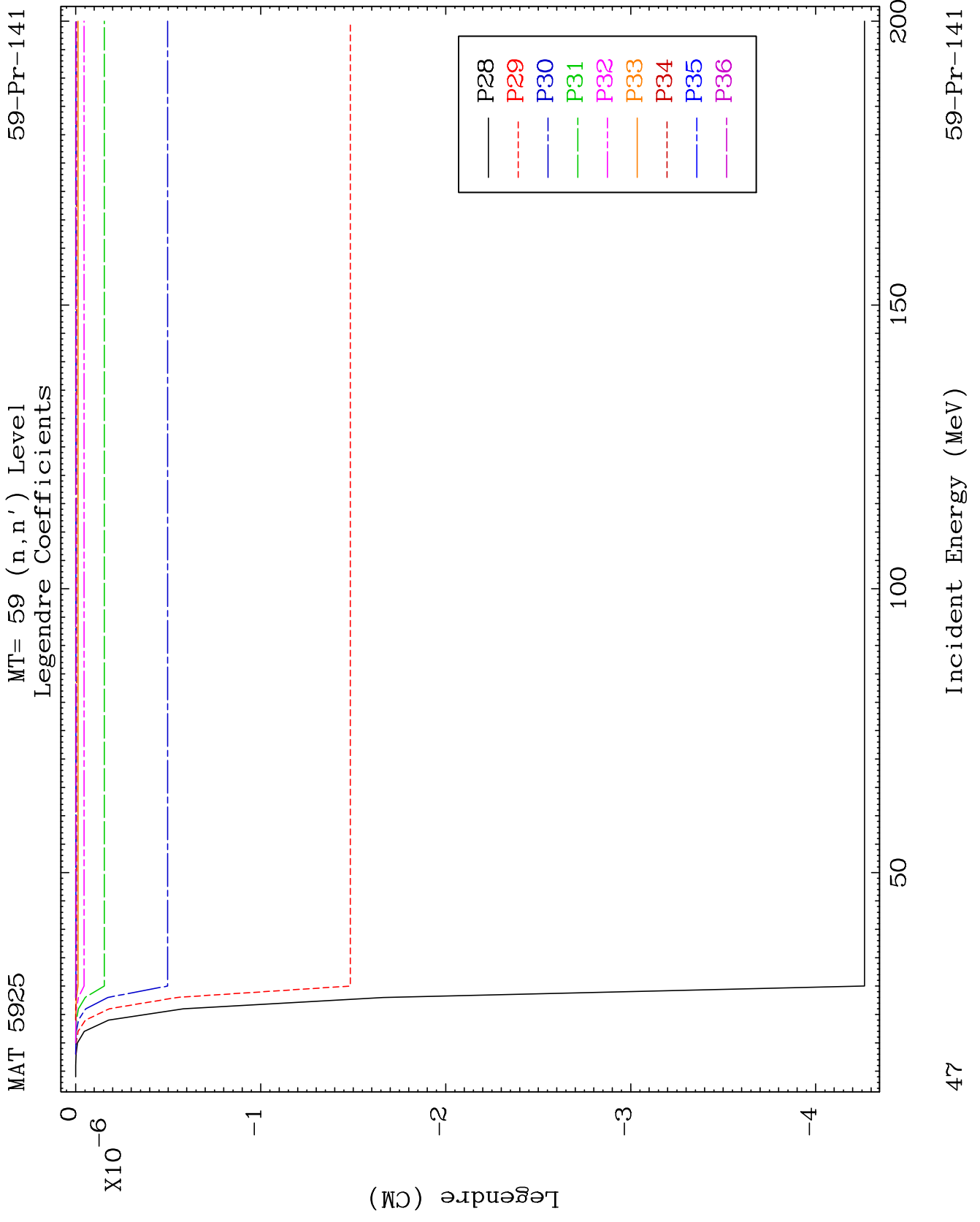
59-Pr-141



46

Incident Energy (MeV)

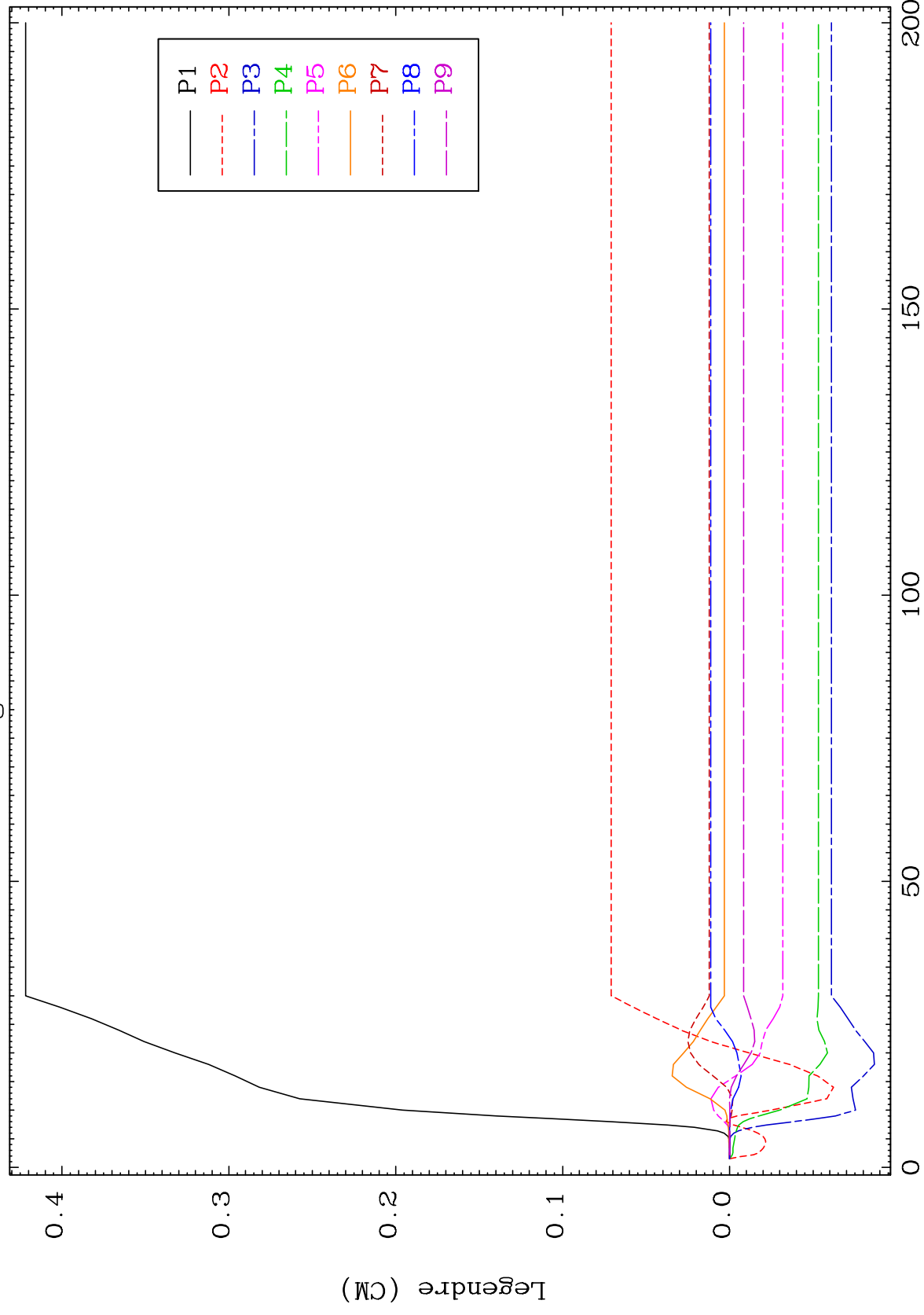
59-Pr-141



MAT 5925

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

59-Pr-141



59-Pr-141

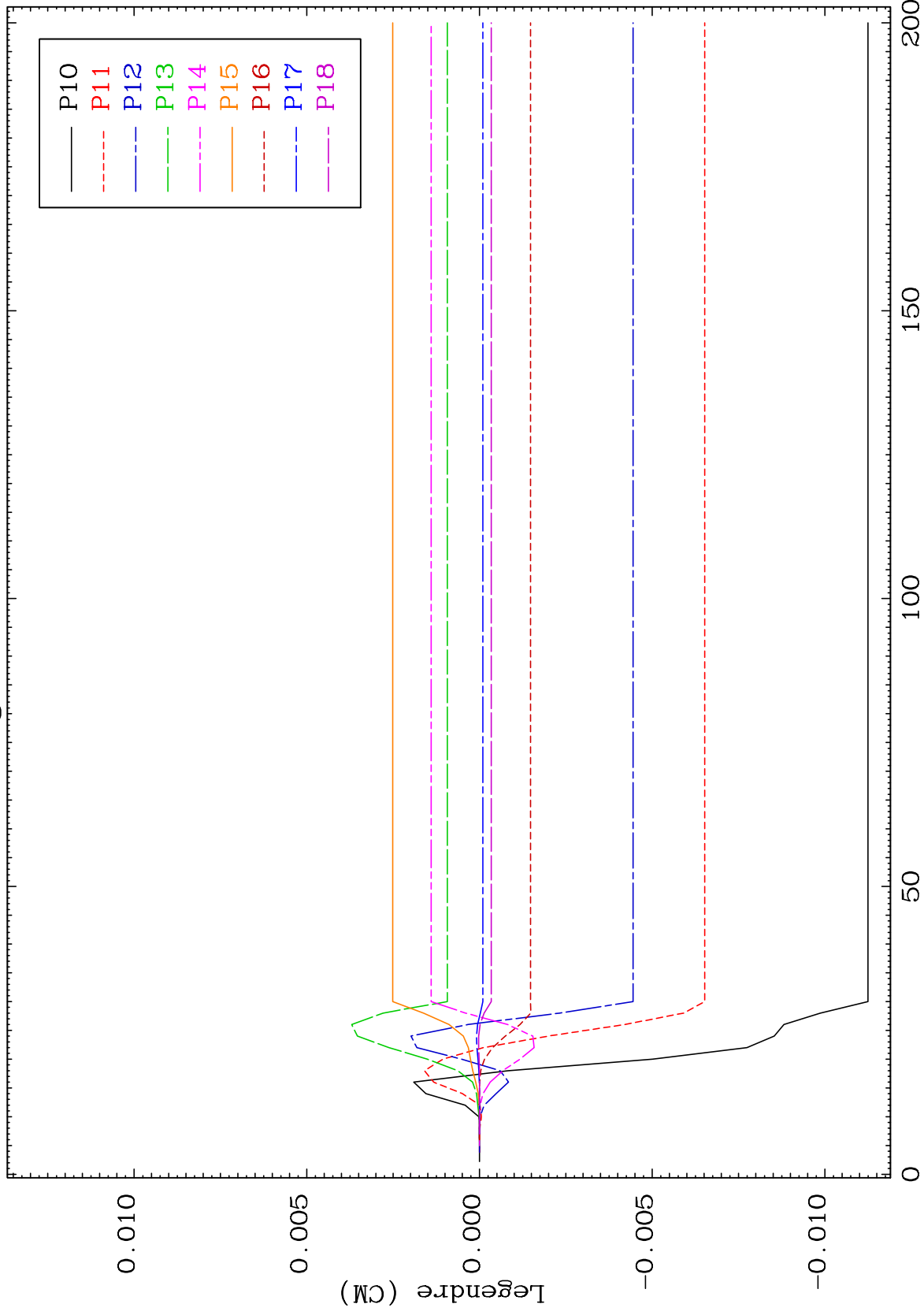
Incident Energy (MeV)

48

MAT 5925

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

59-Pr-141



49

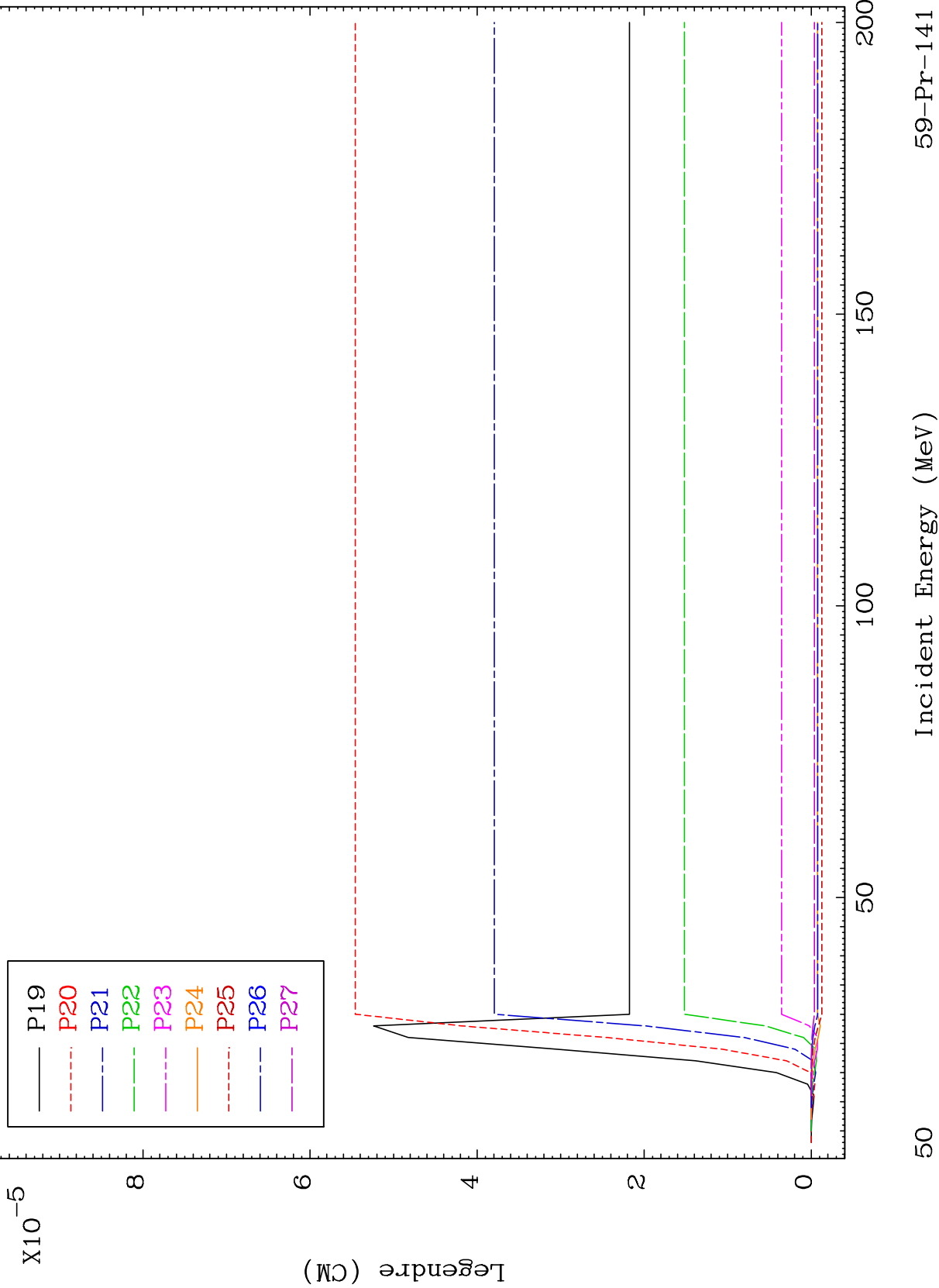
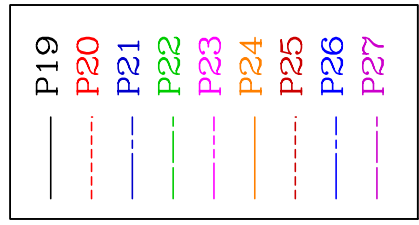
Incident Energy (MeV)

59-Pr-141

MAT 5925

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

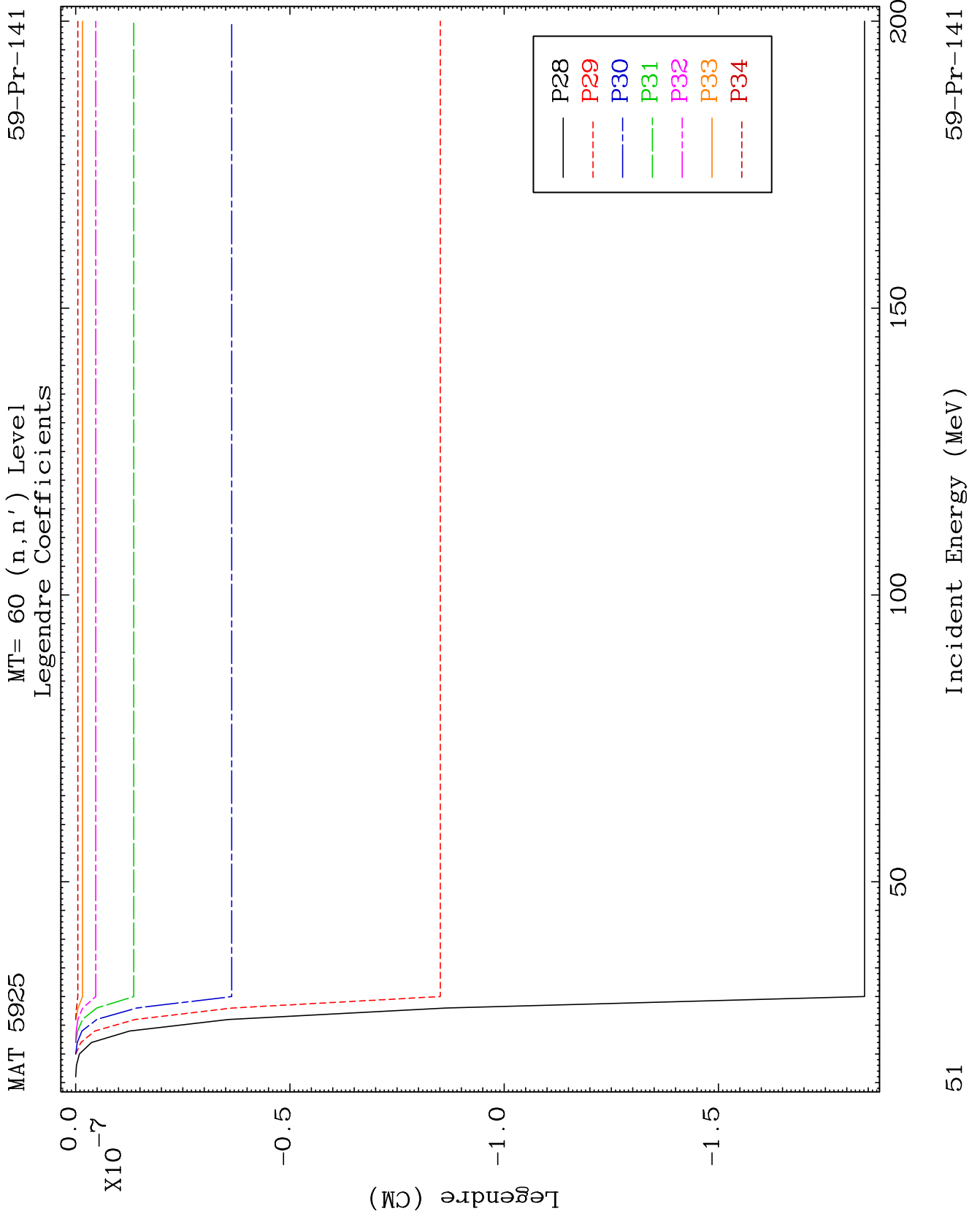
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59-Pr-141

Incident Energy (MeV)

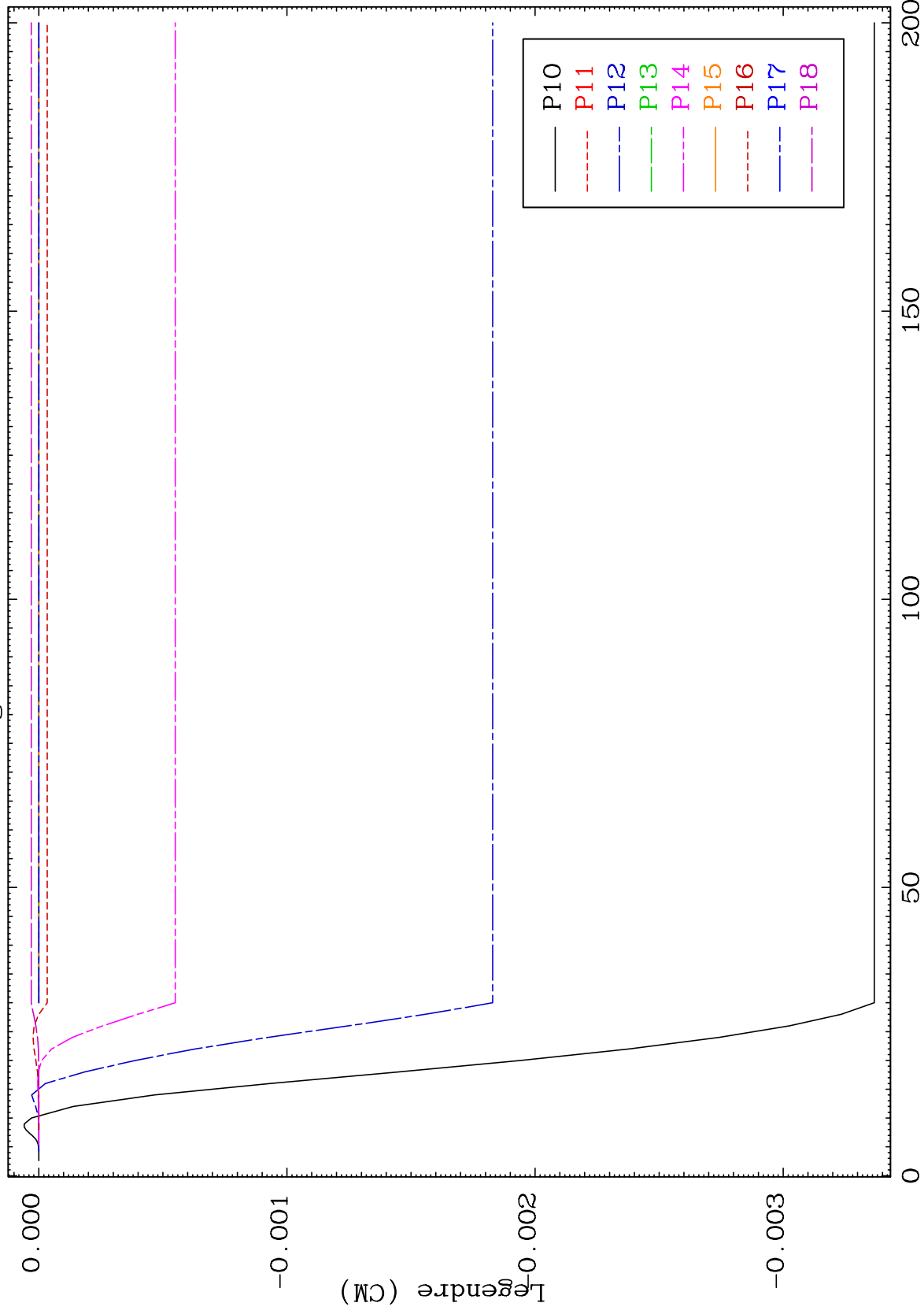
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MAT 5925

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

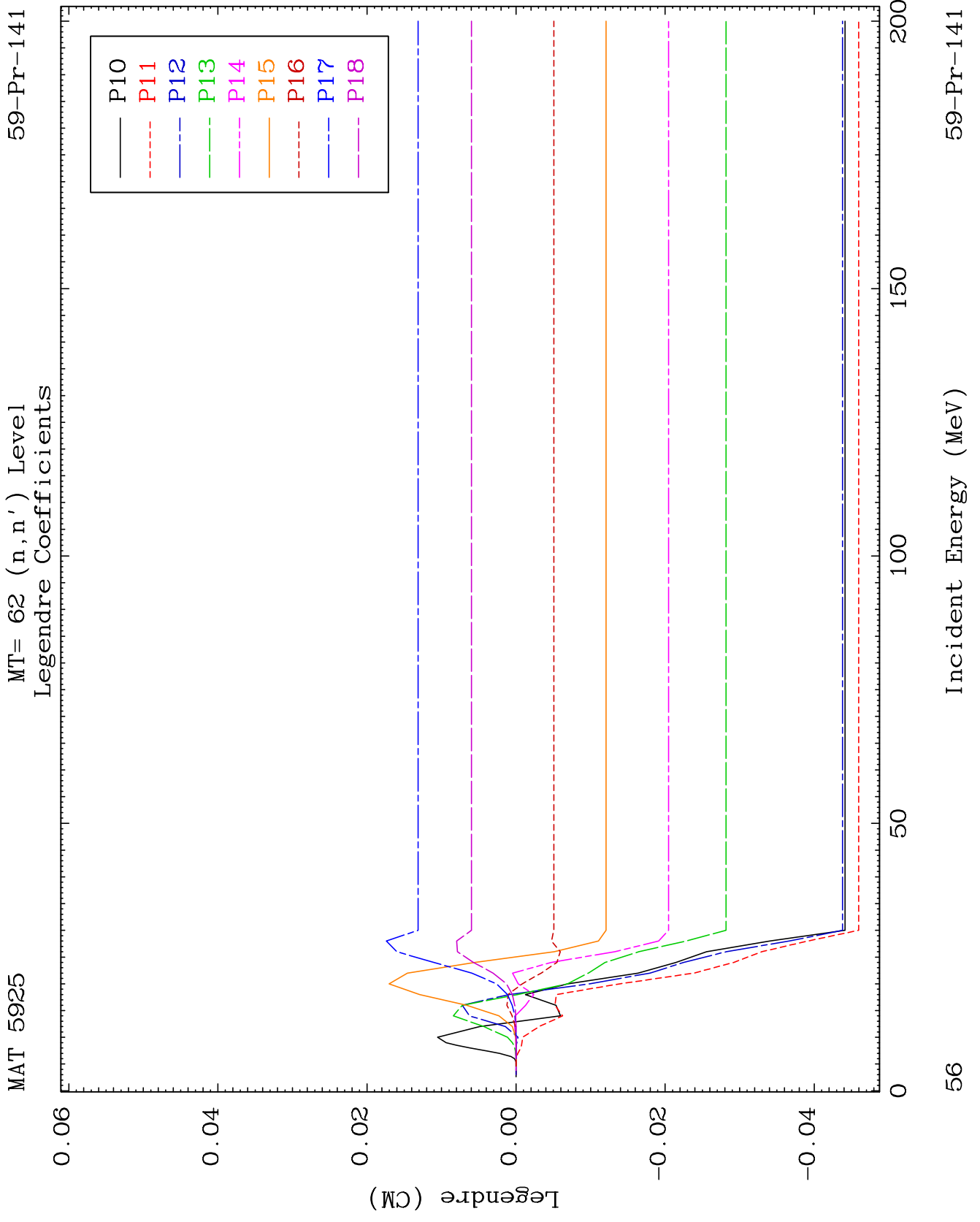
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53

Incident Energy (MeV)

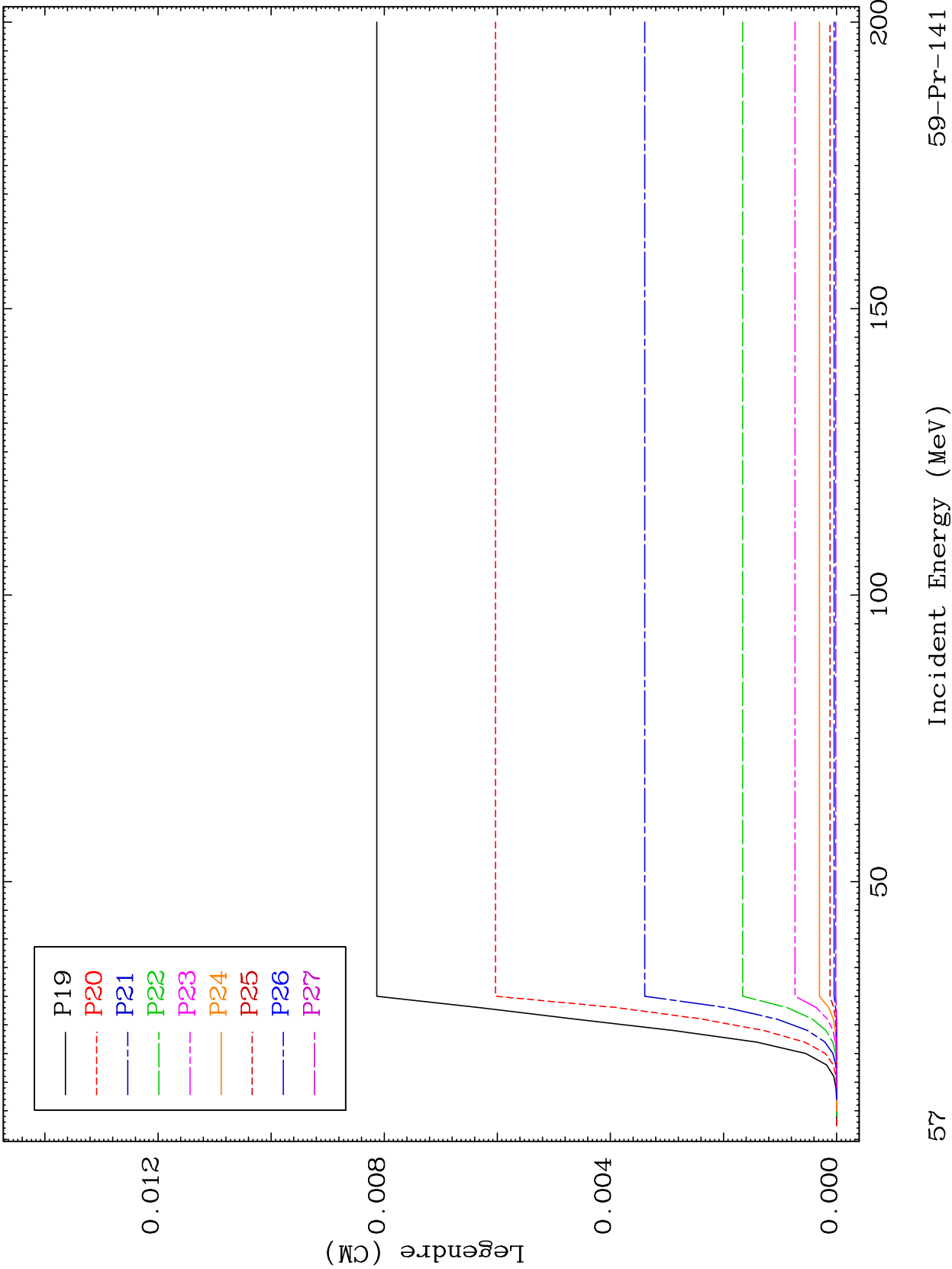
59-Pr-141



MAT 5925

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

59-Pr-141



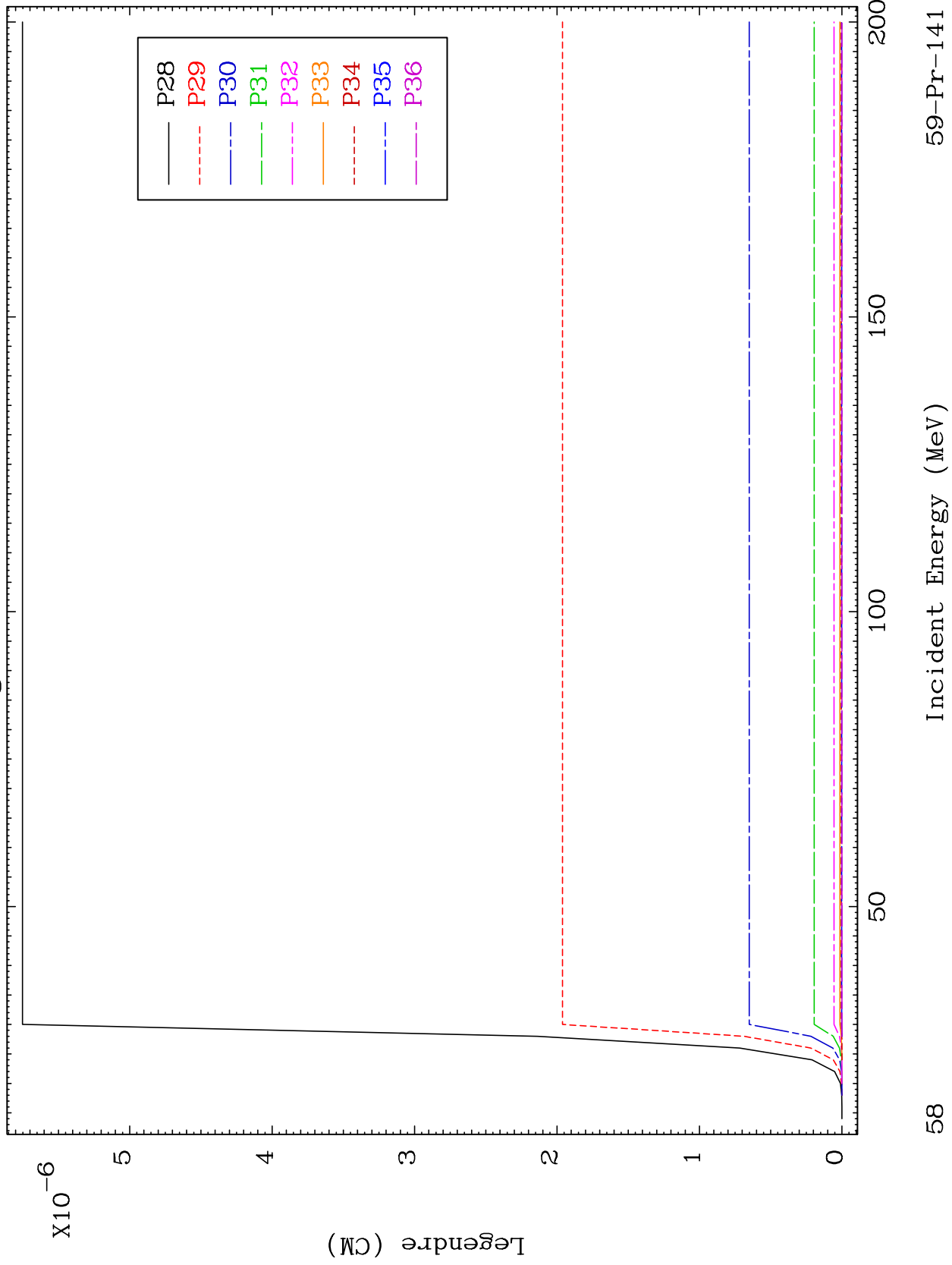
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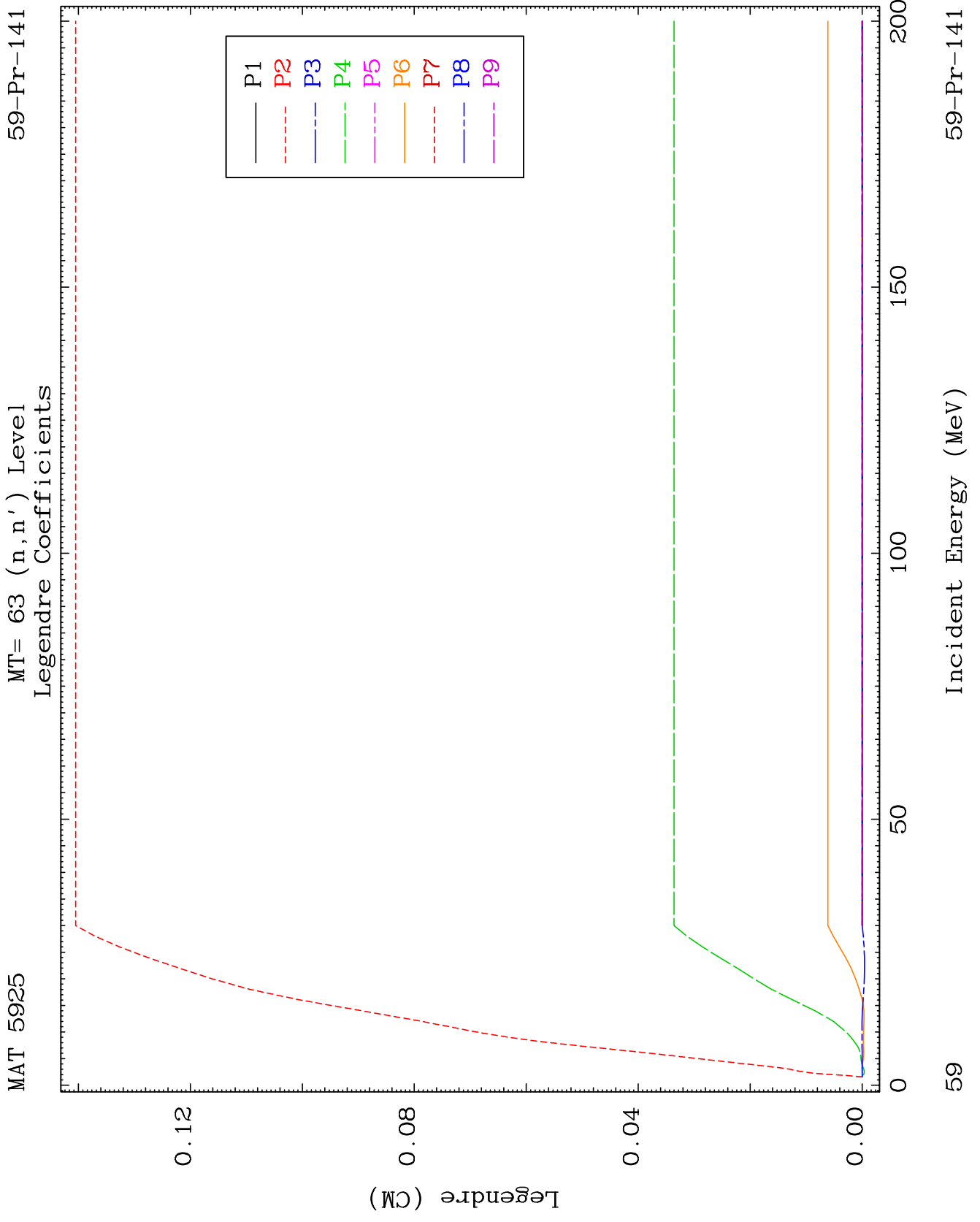
59-Pr-141

MAT 5925

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

59-Pr-141

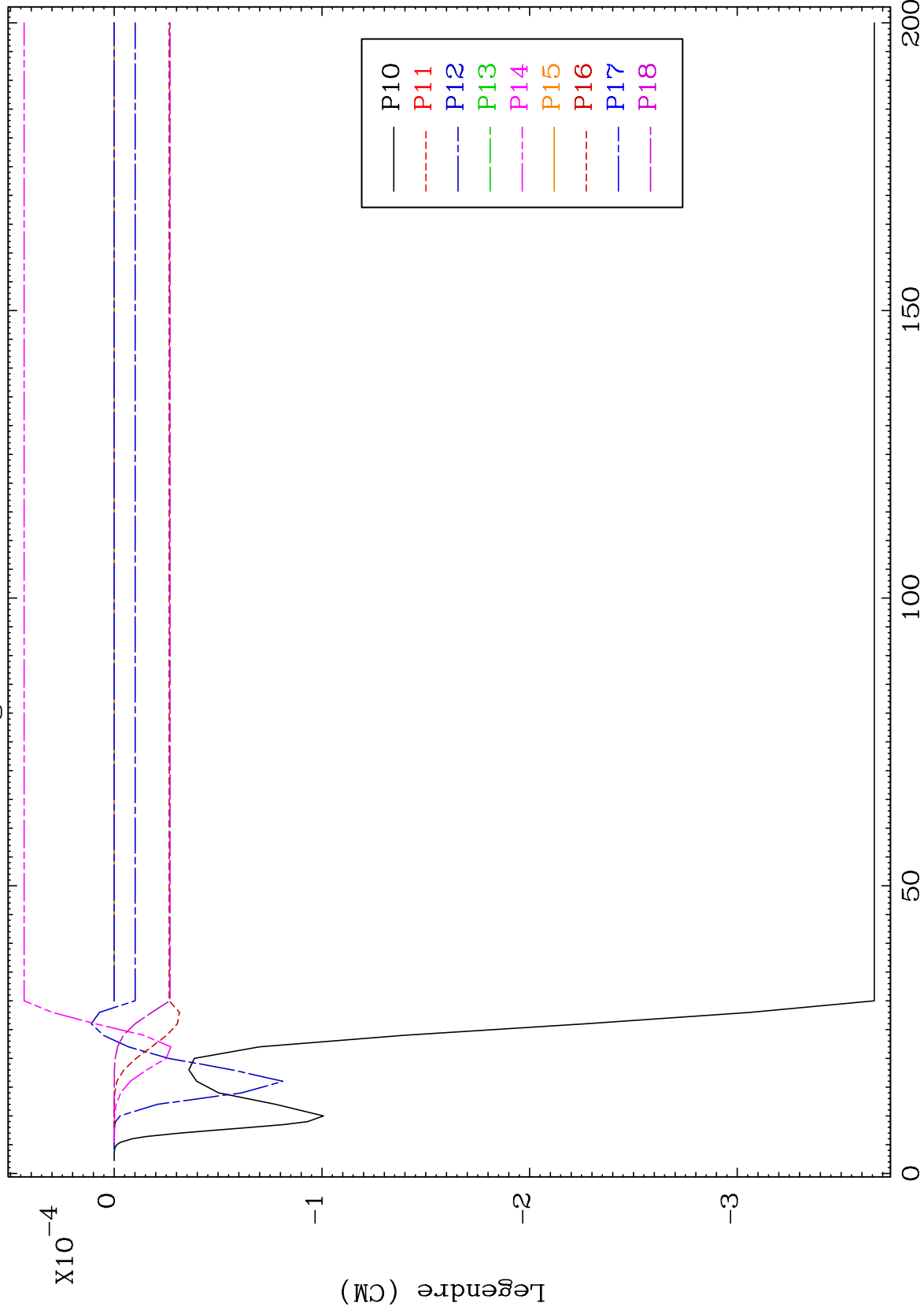




MAT 5925

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

59-Pr-141



59-Pr-141

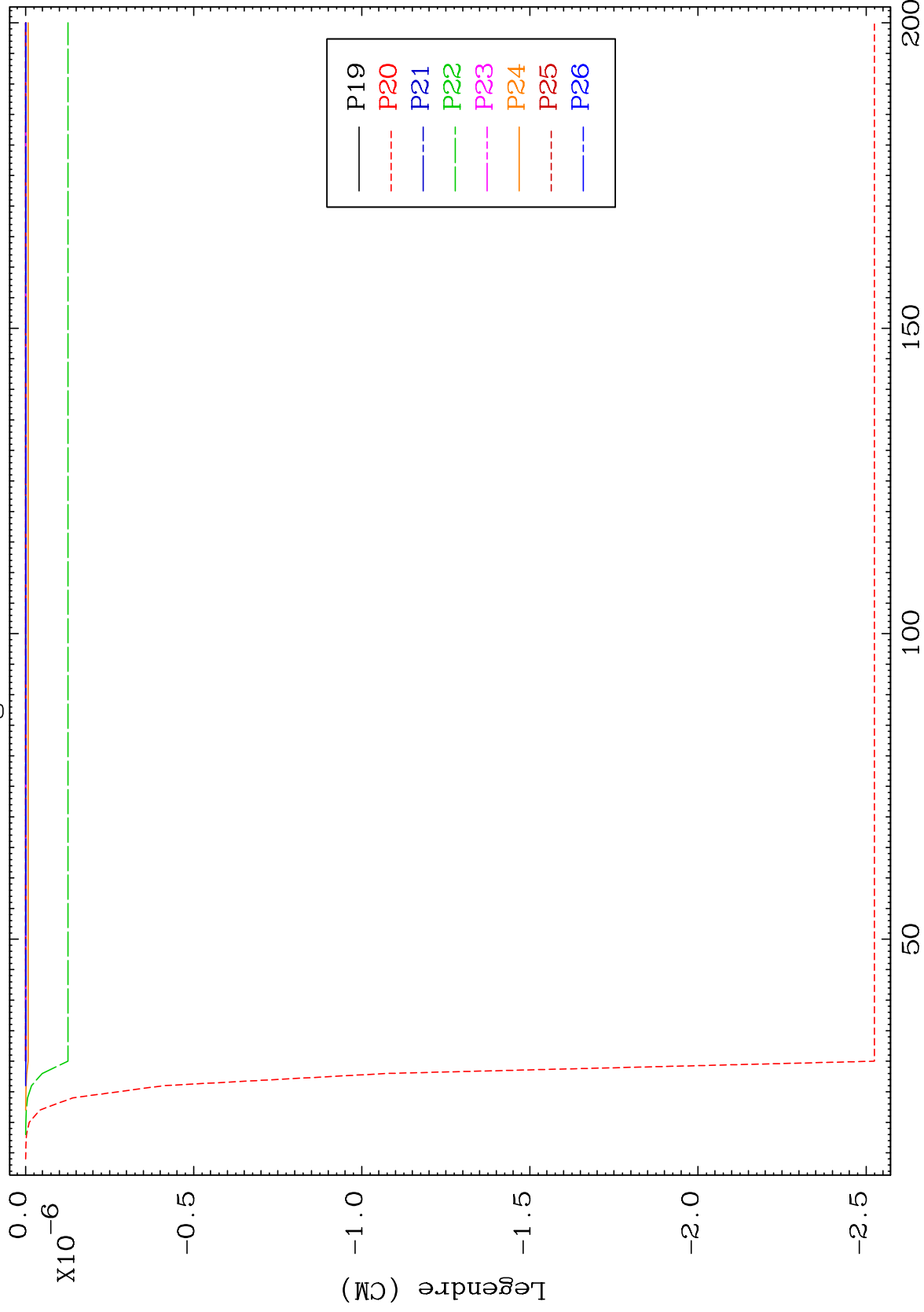
Incident Energy (MeV)

60

MAT 5925

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

59-Pr-141



61

Incident Energy (MeV)

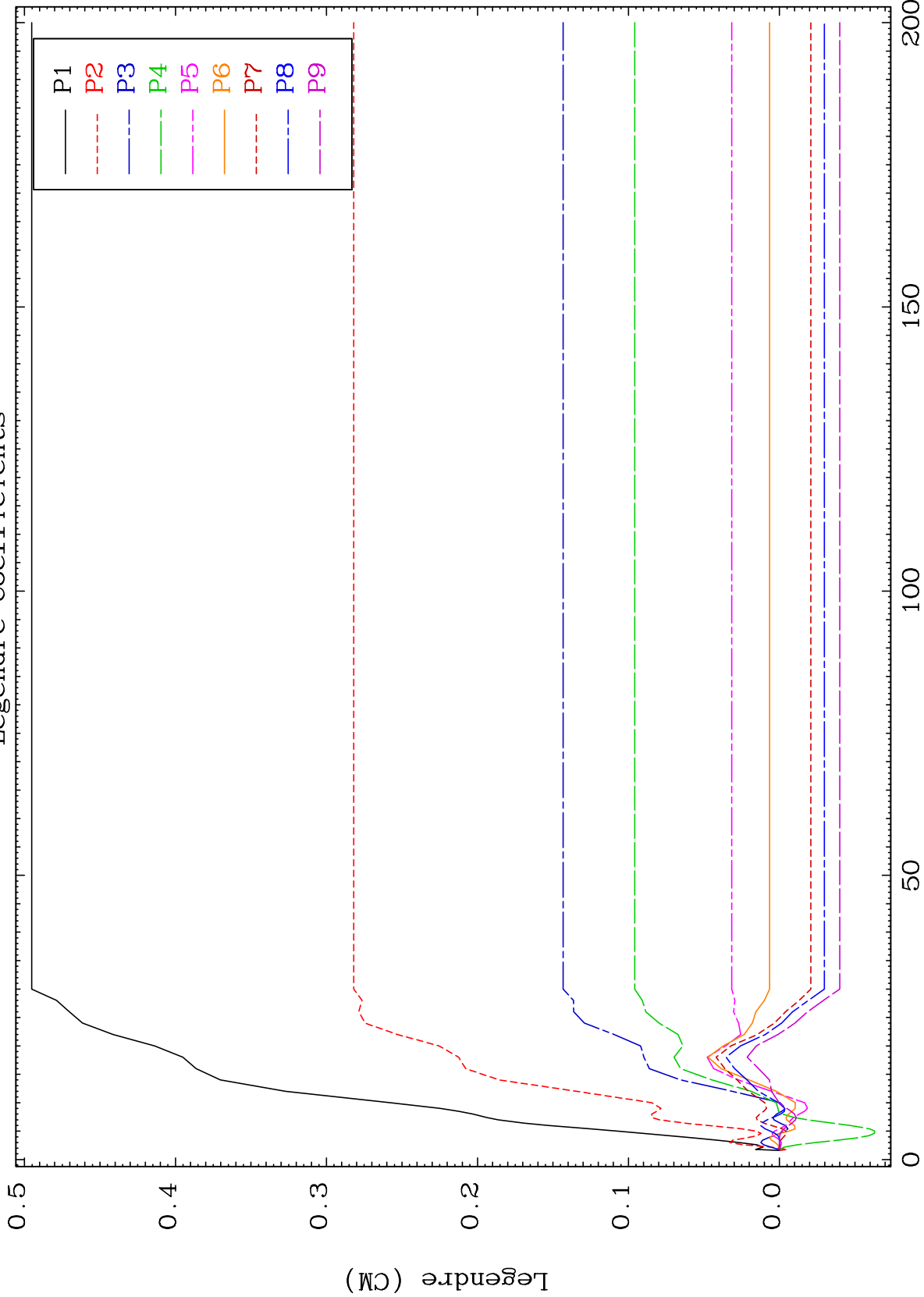
59-Pr-141

MAT 5925

MT= 64 (n,n') Level

59-Pr-141

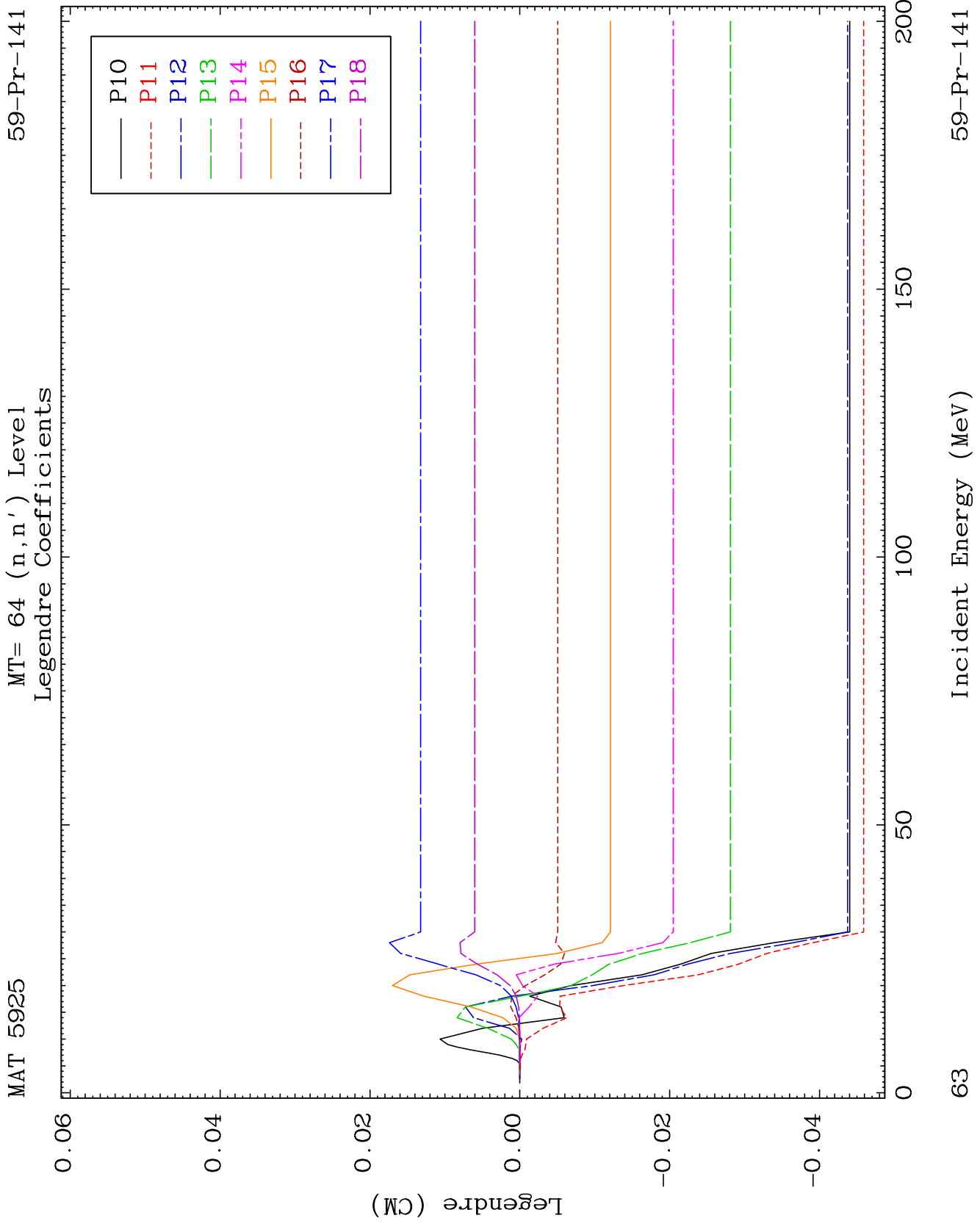
Legendre Coefficients



59-Pr-141

Incident Energy (MeV)

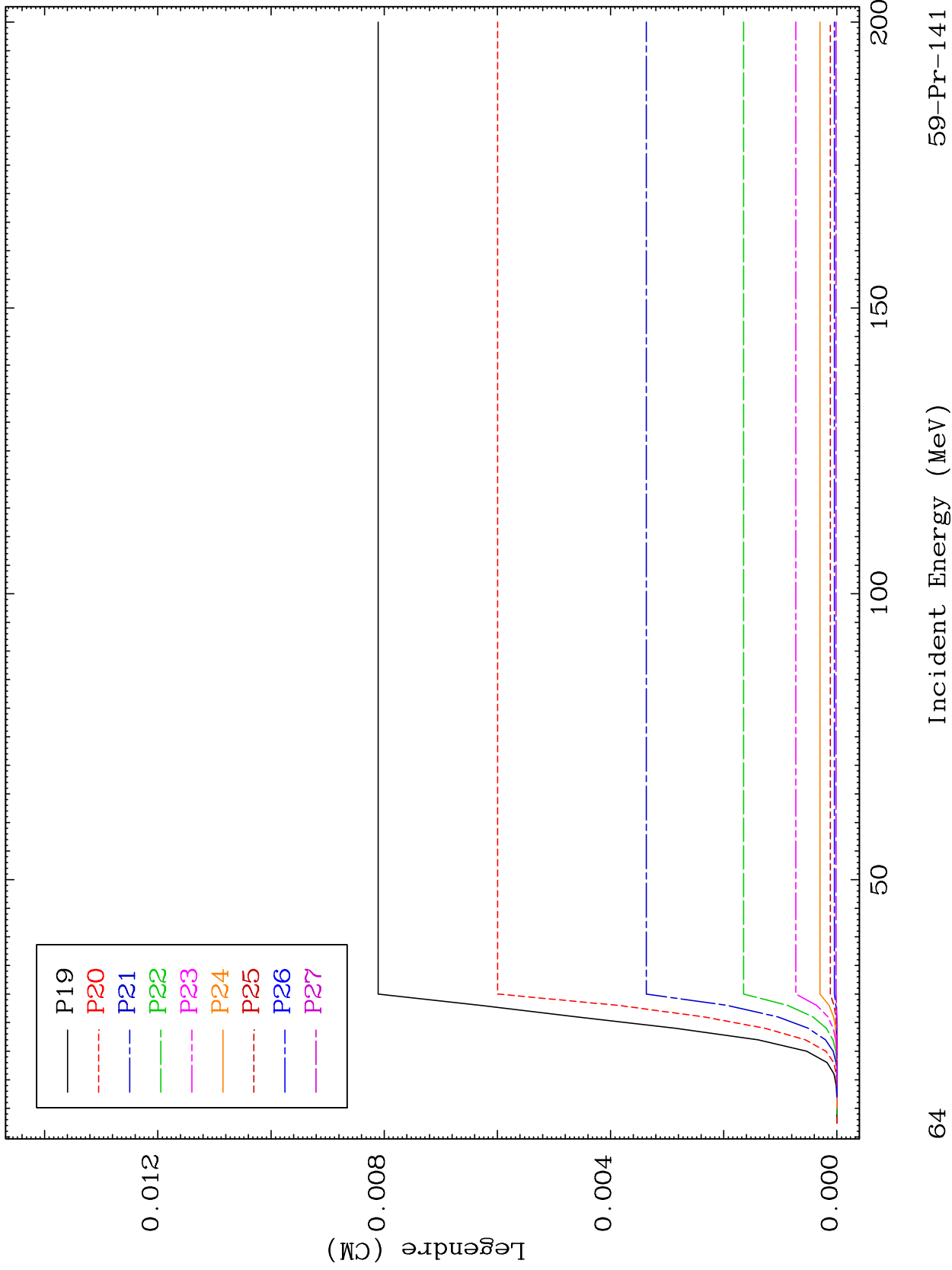
62



MAT 5925

MT= 64 (n,n') Level
Legendre Coefficients

59-Pr-141



64

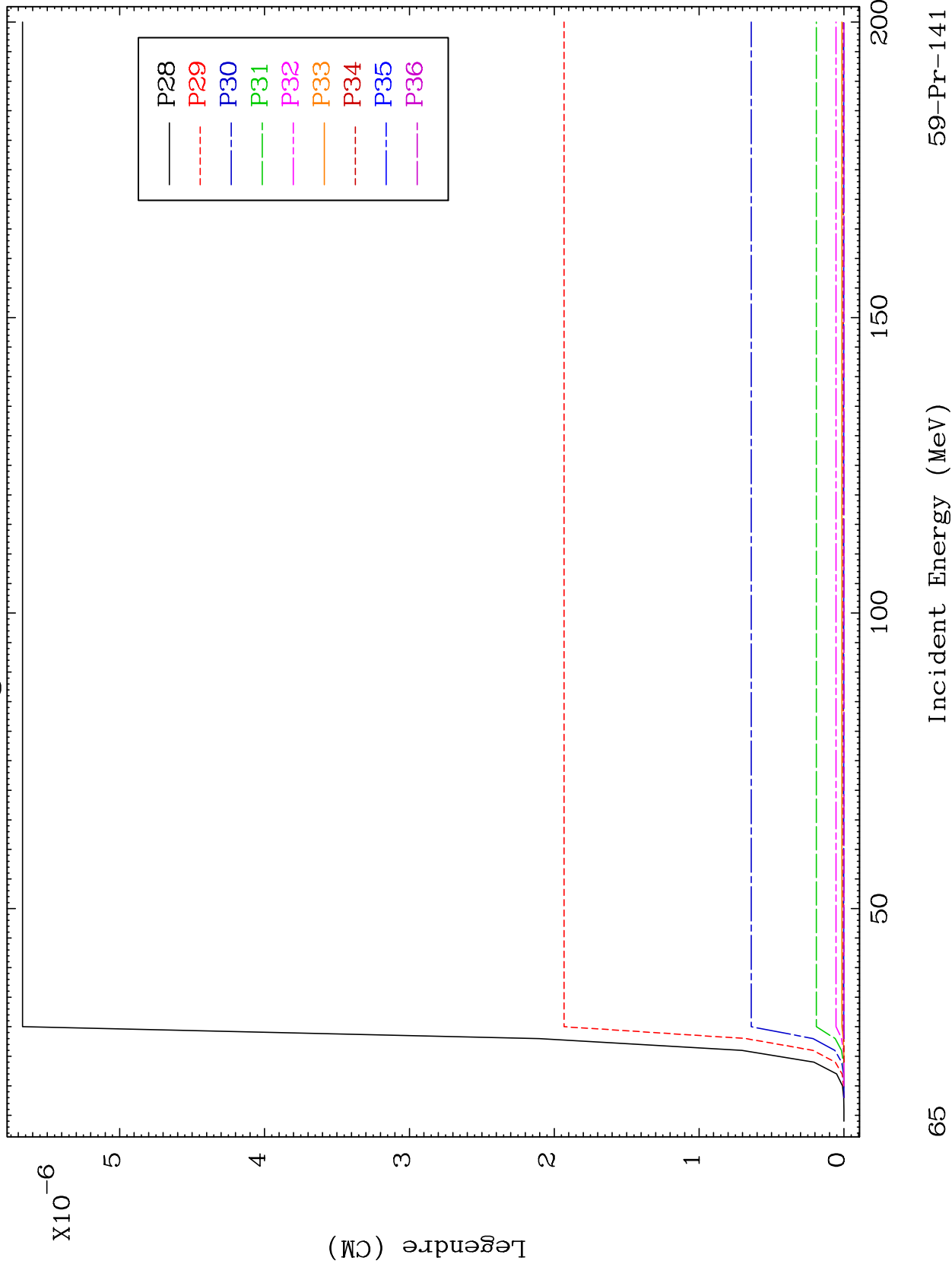
Incident Energy (MeV)

59-Pr-141

MAT 5925

MT= 64 (n,n') Level
Legendre Coefficients

59-Pr-141



65

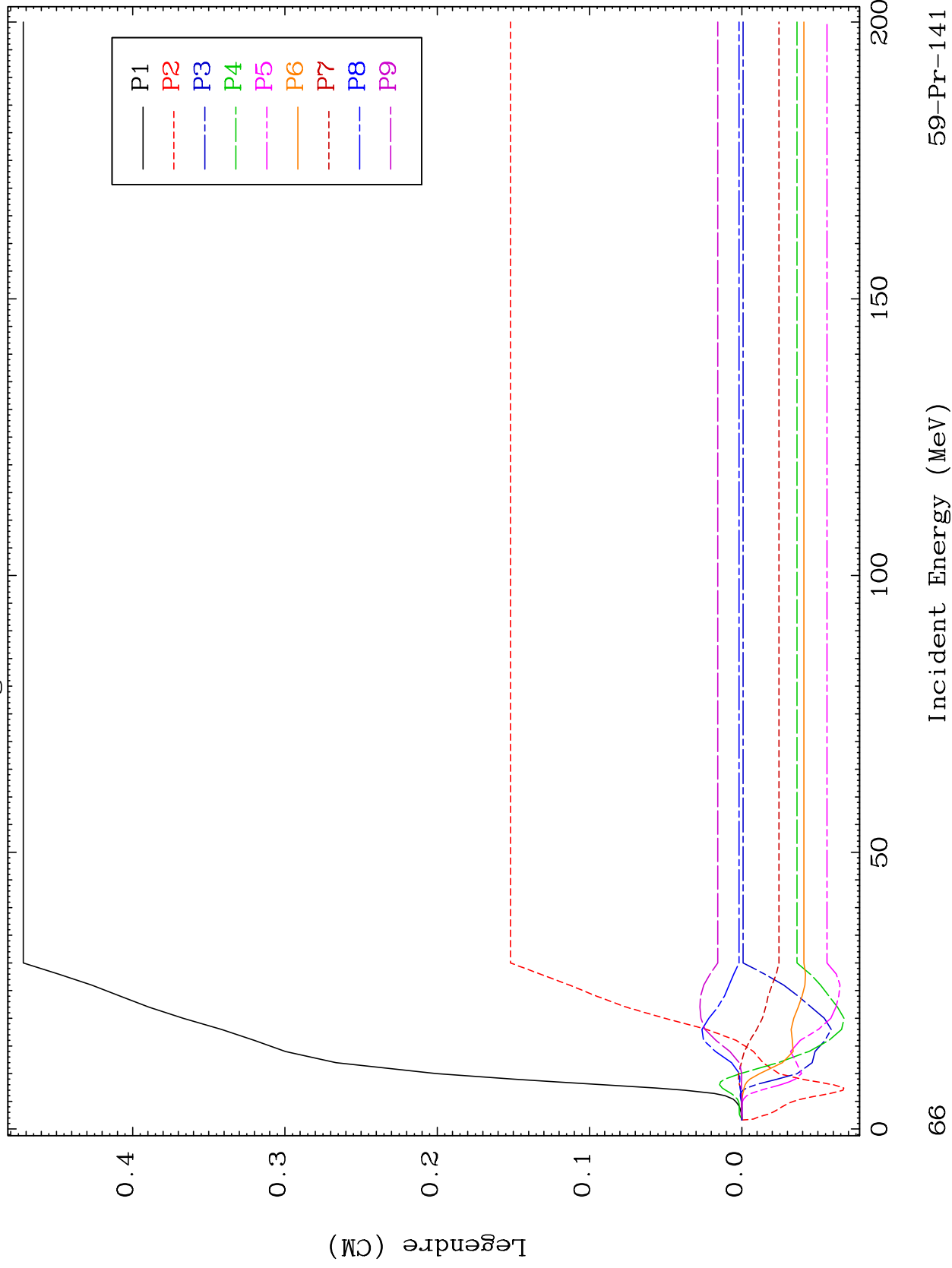
Incident Energy (MeV)

59-Pr-141

MAT 5925

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

59-Pr-141



59-Pr-141

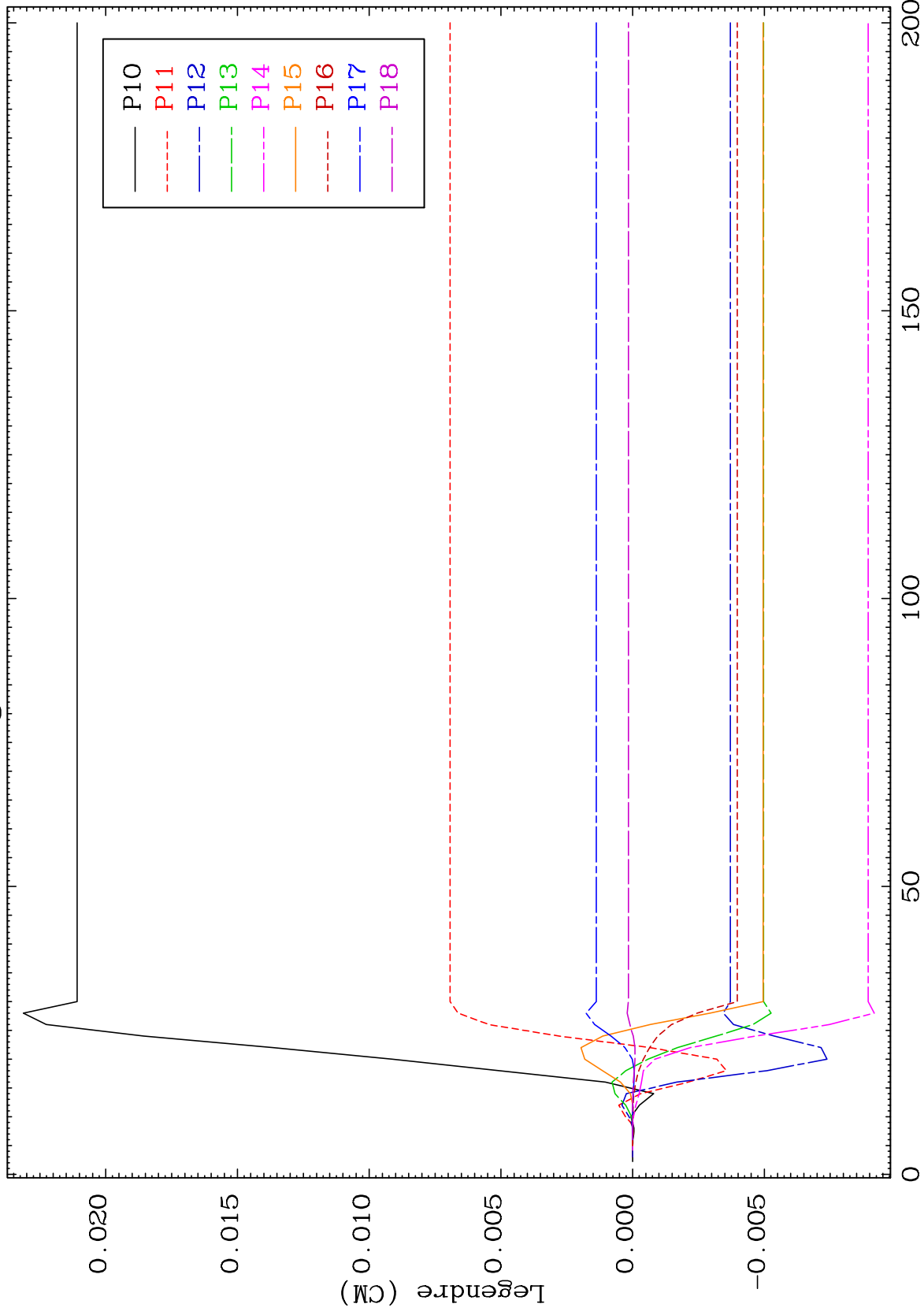
Incident Energy (MeV)

66

MAT 5925

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

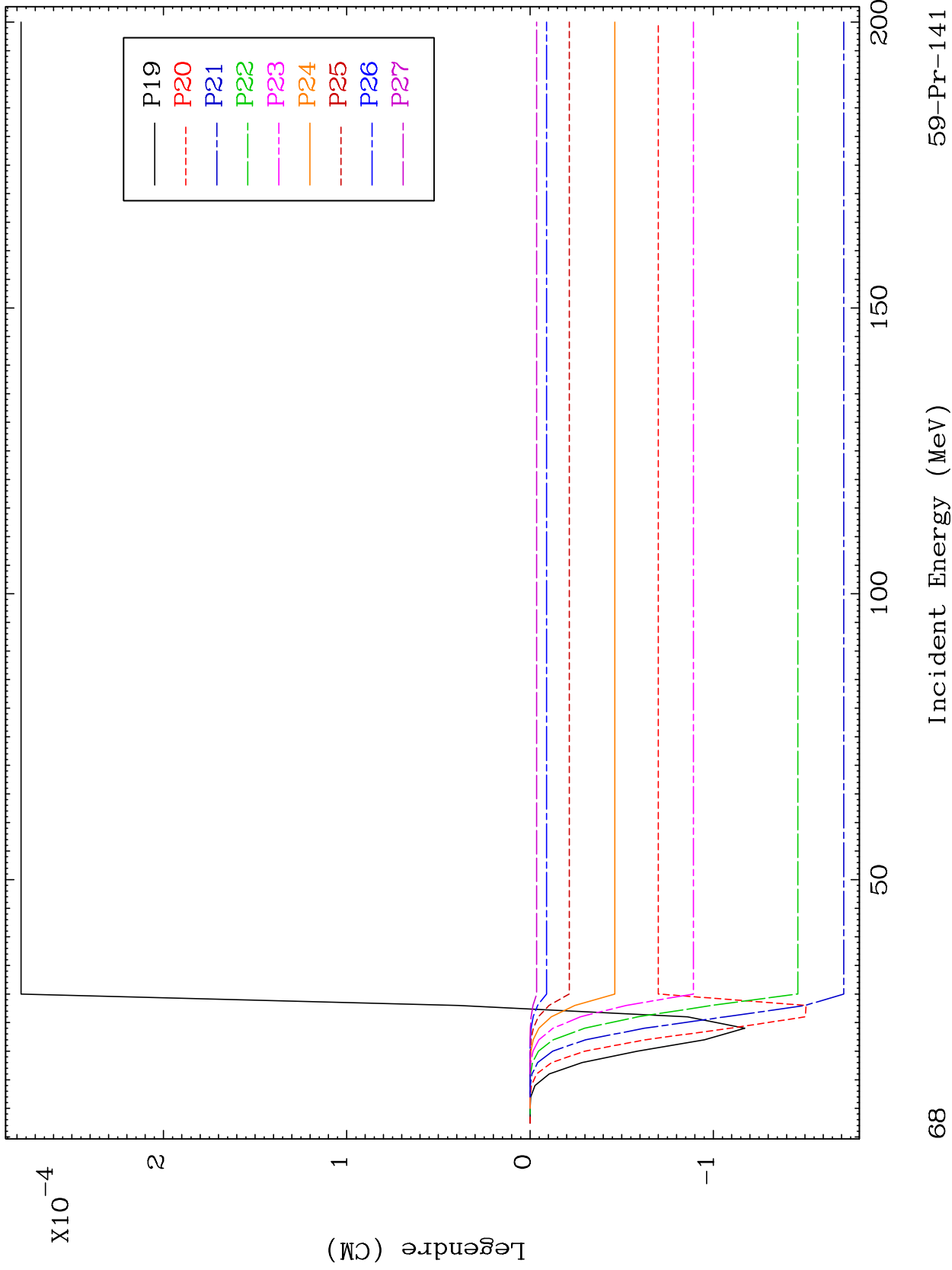
59-Pr-141



67

Incident Energy (MeV)

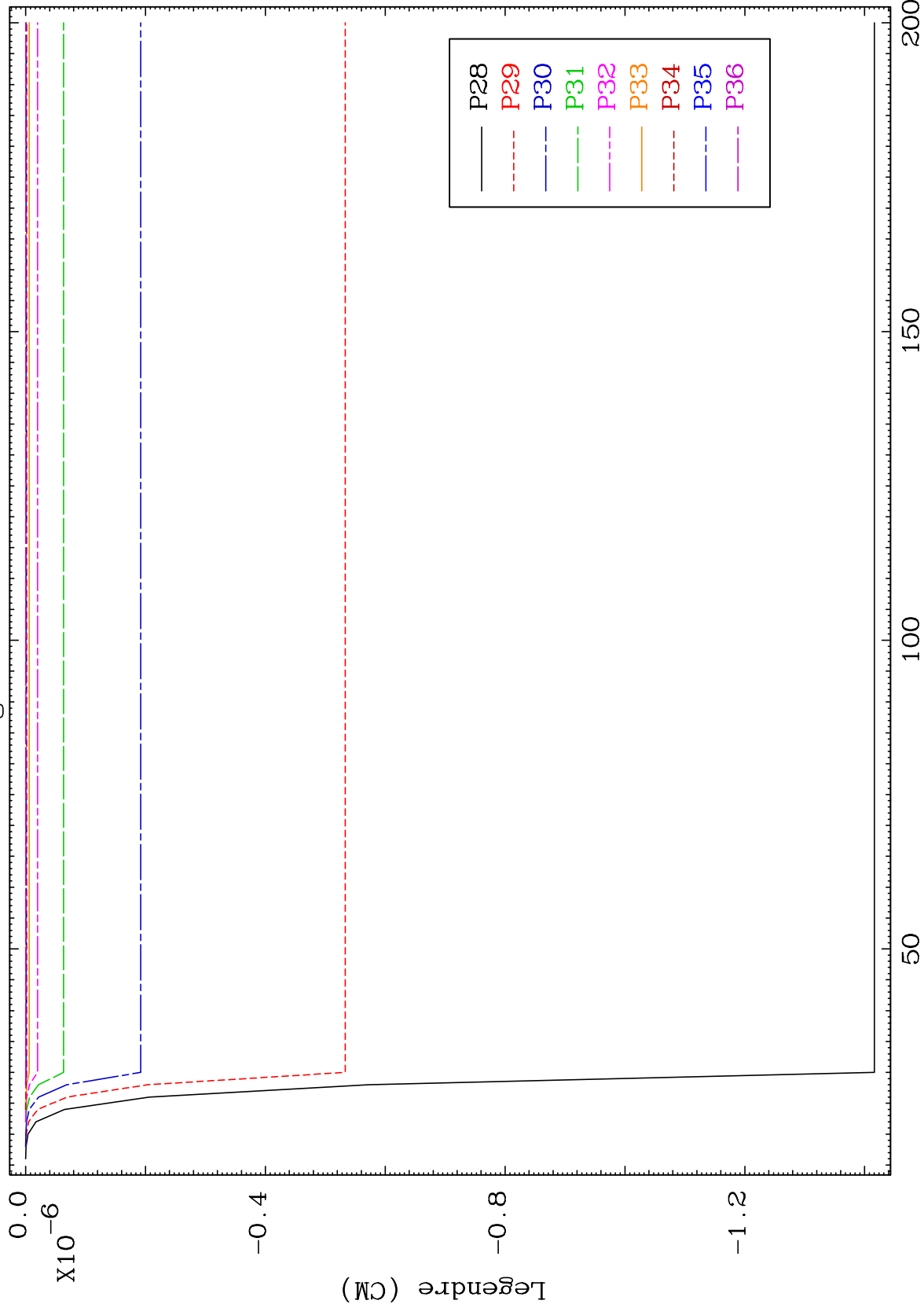
59-Pr-141



MAT 5925

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

59-Pr-141



69

Incident Energy (MeV)

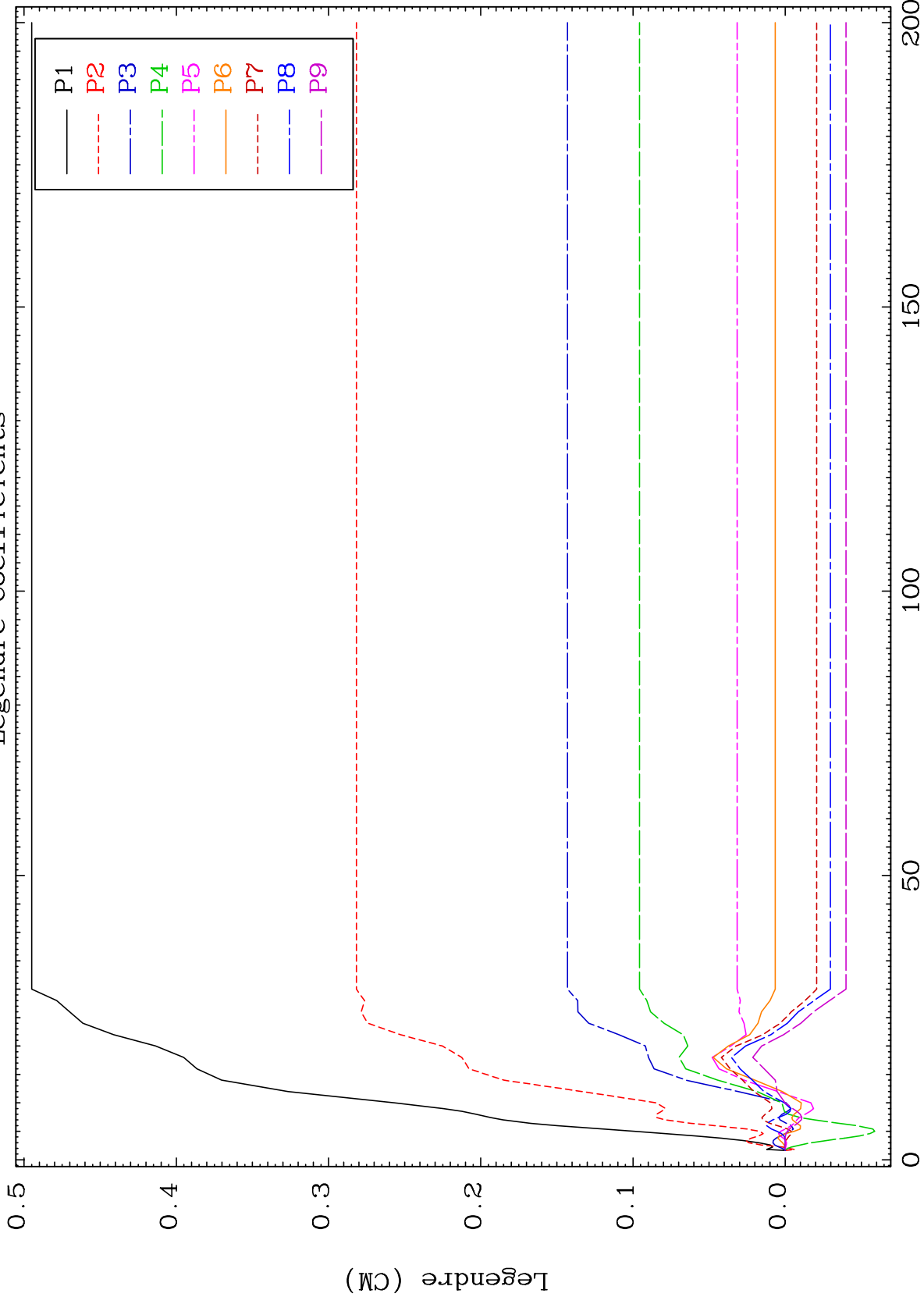
59-Pr-141

MAT 5925

MT= 66 (n,n') Level

59-Pr-141

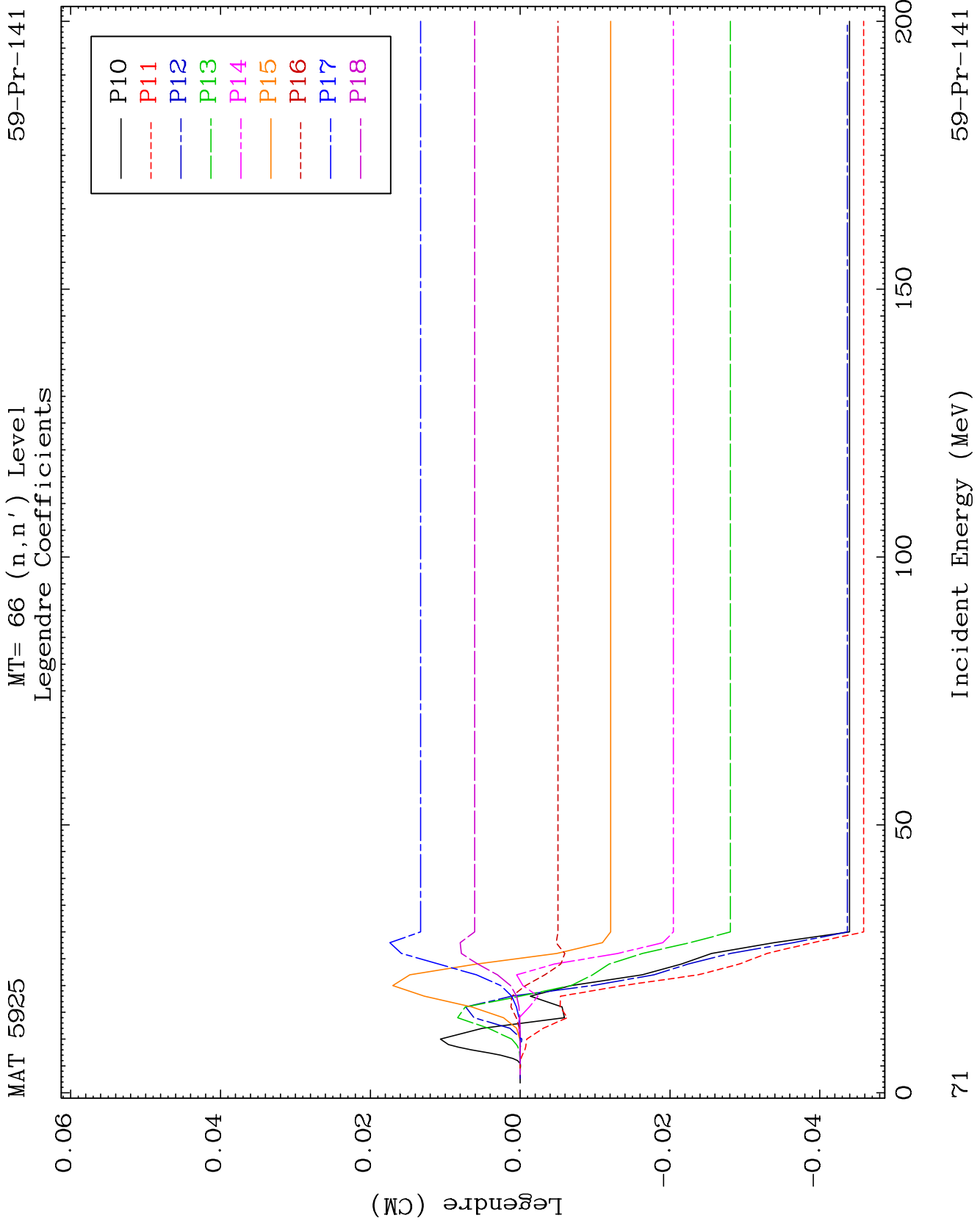
Legendre Coefficients



59-Pr-141

Incident Energy (MeV)

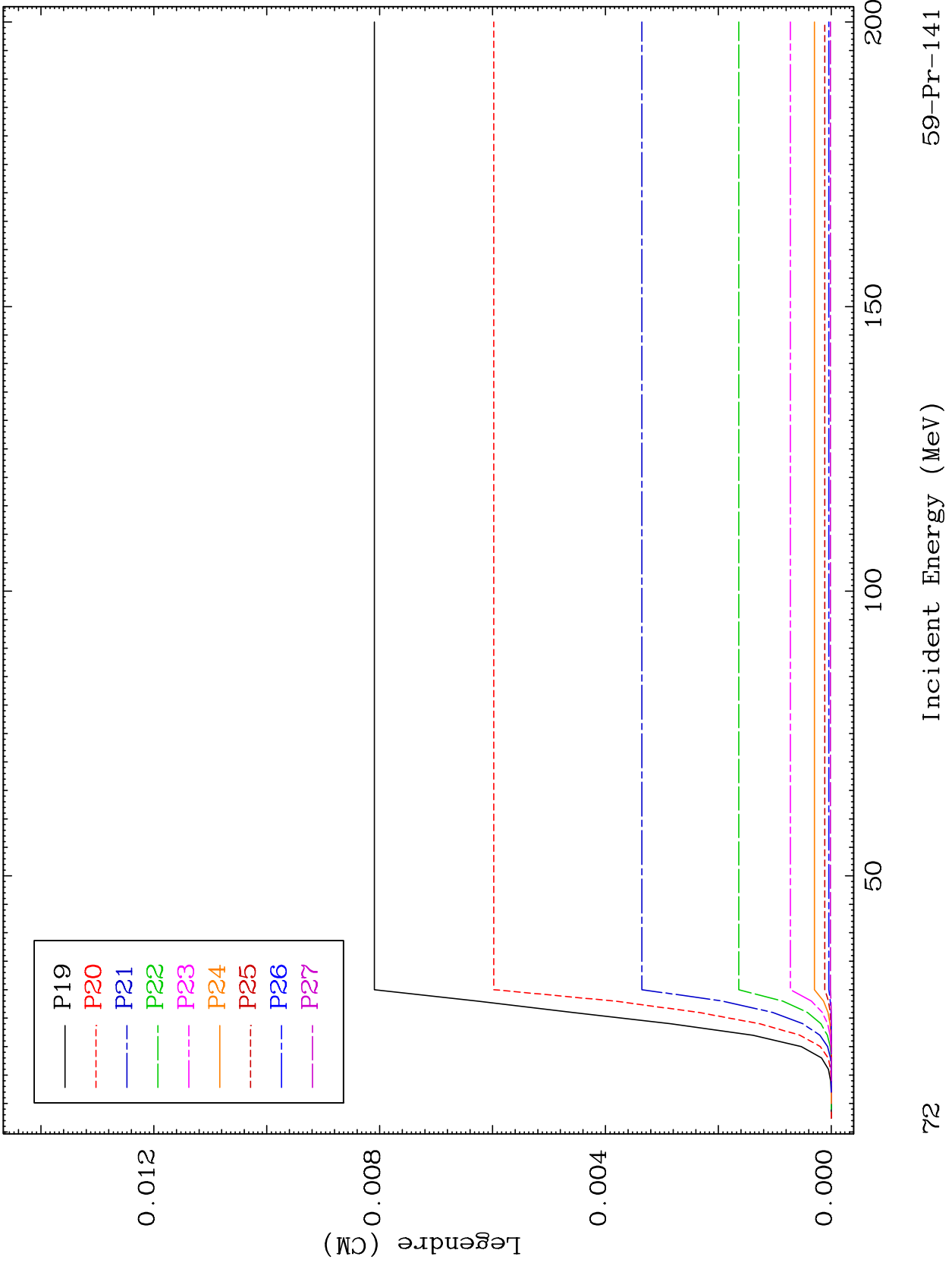
70



MAT 5925

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

59-Pr-141



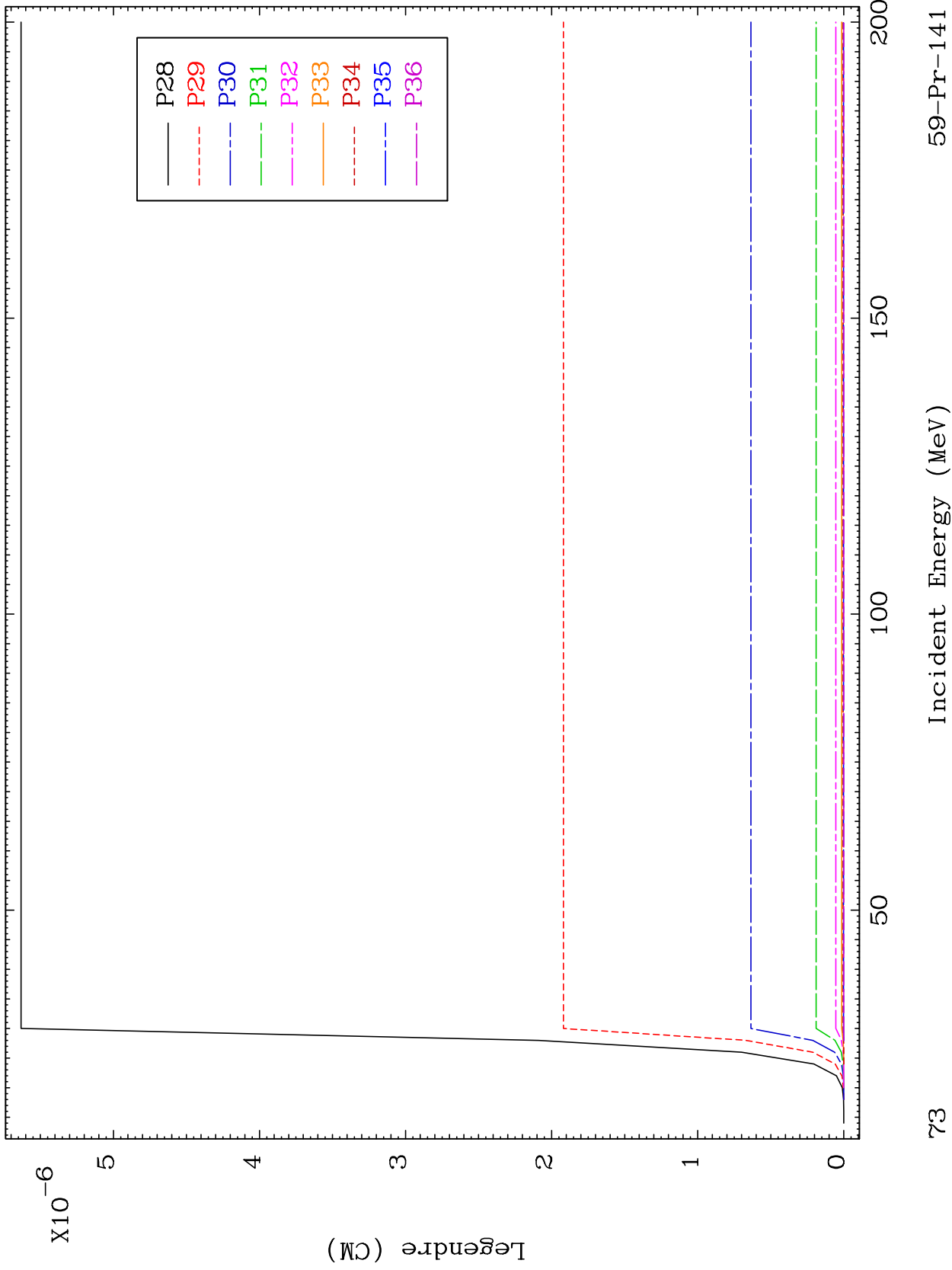
72

59-Pr-141

MAT 5925

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

59-Pr-141

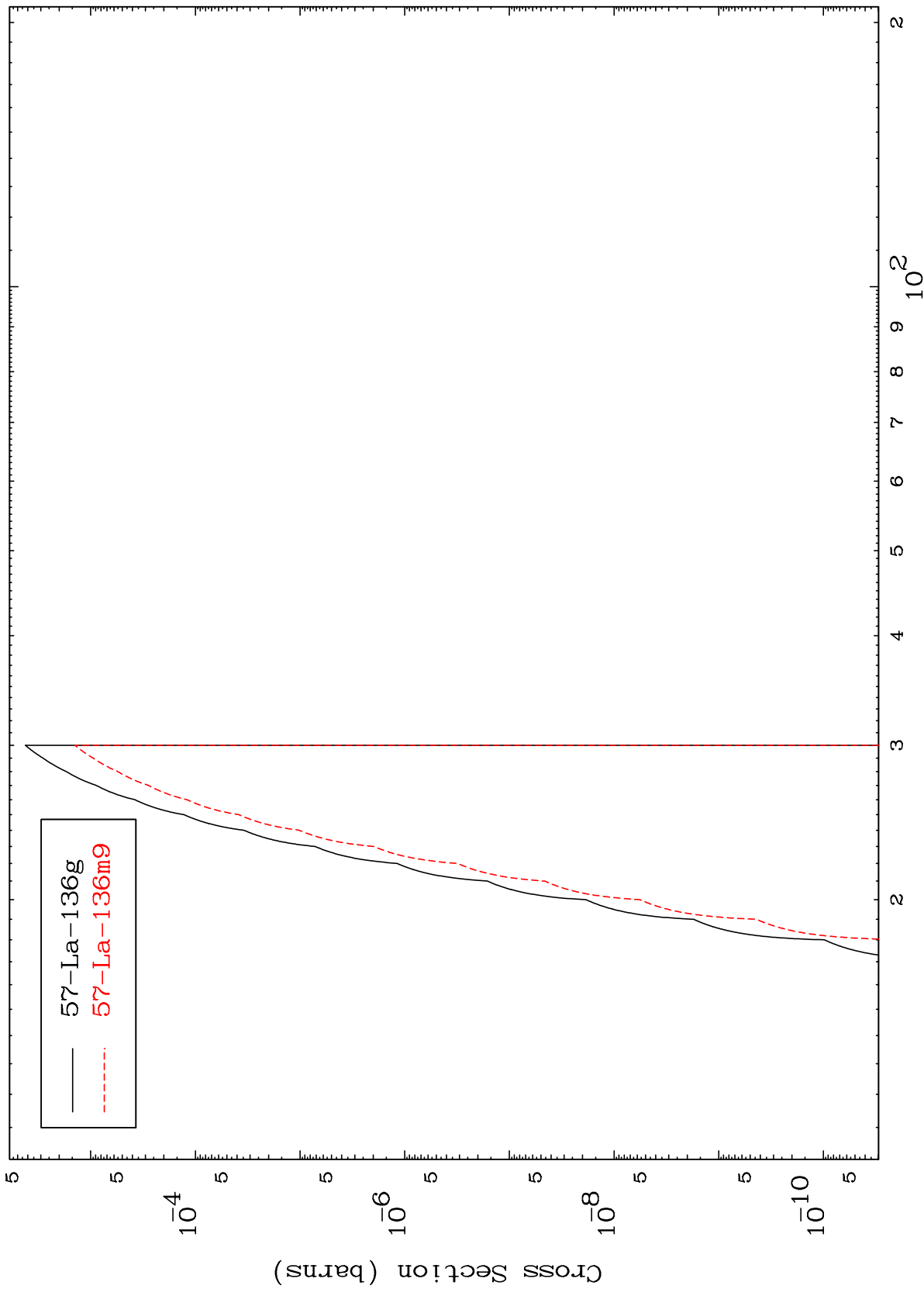


MAT 5925

(n,2n) α

59-Pr-141

Radionuclide Production Cross Section

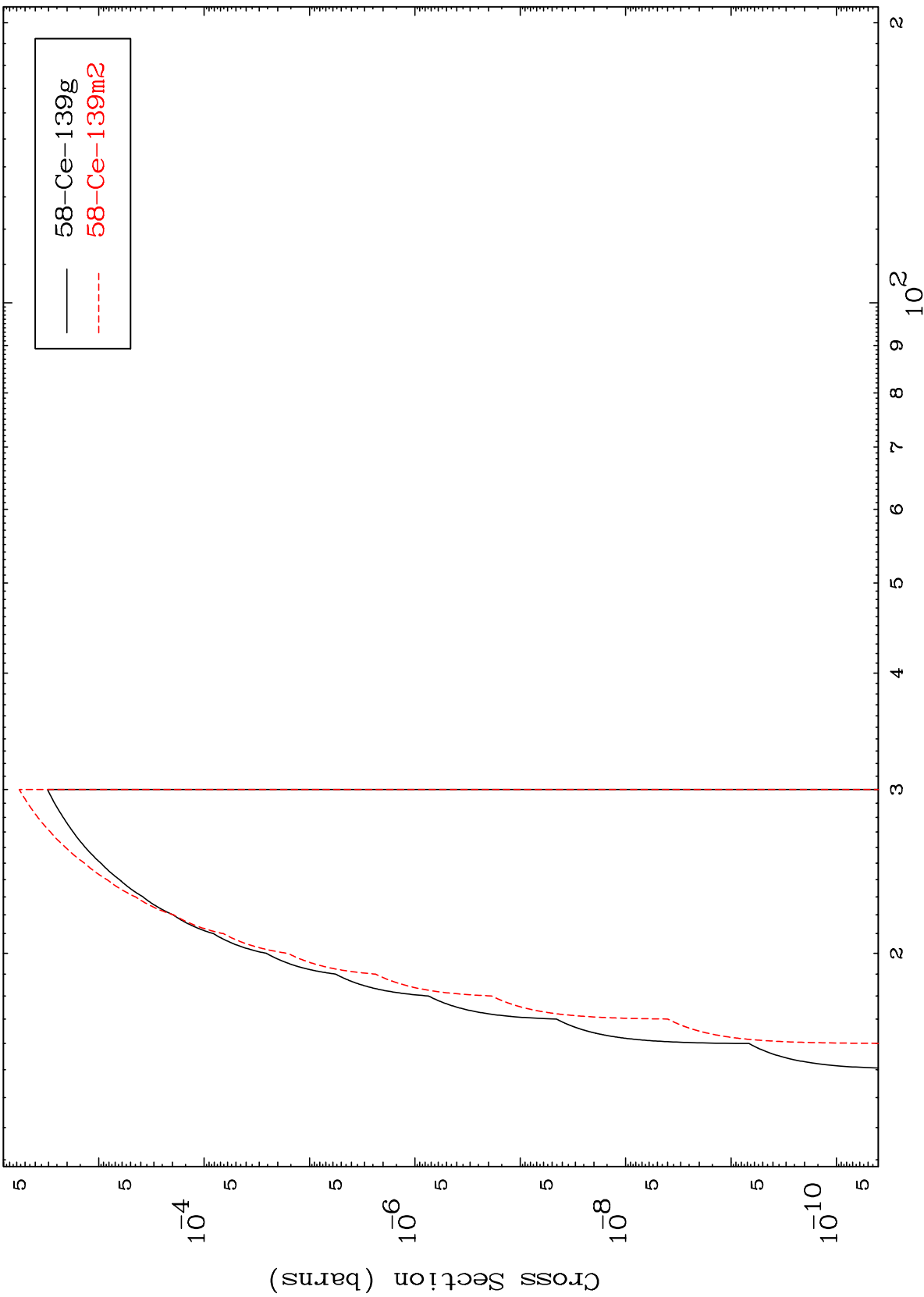


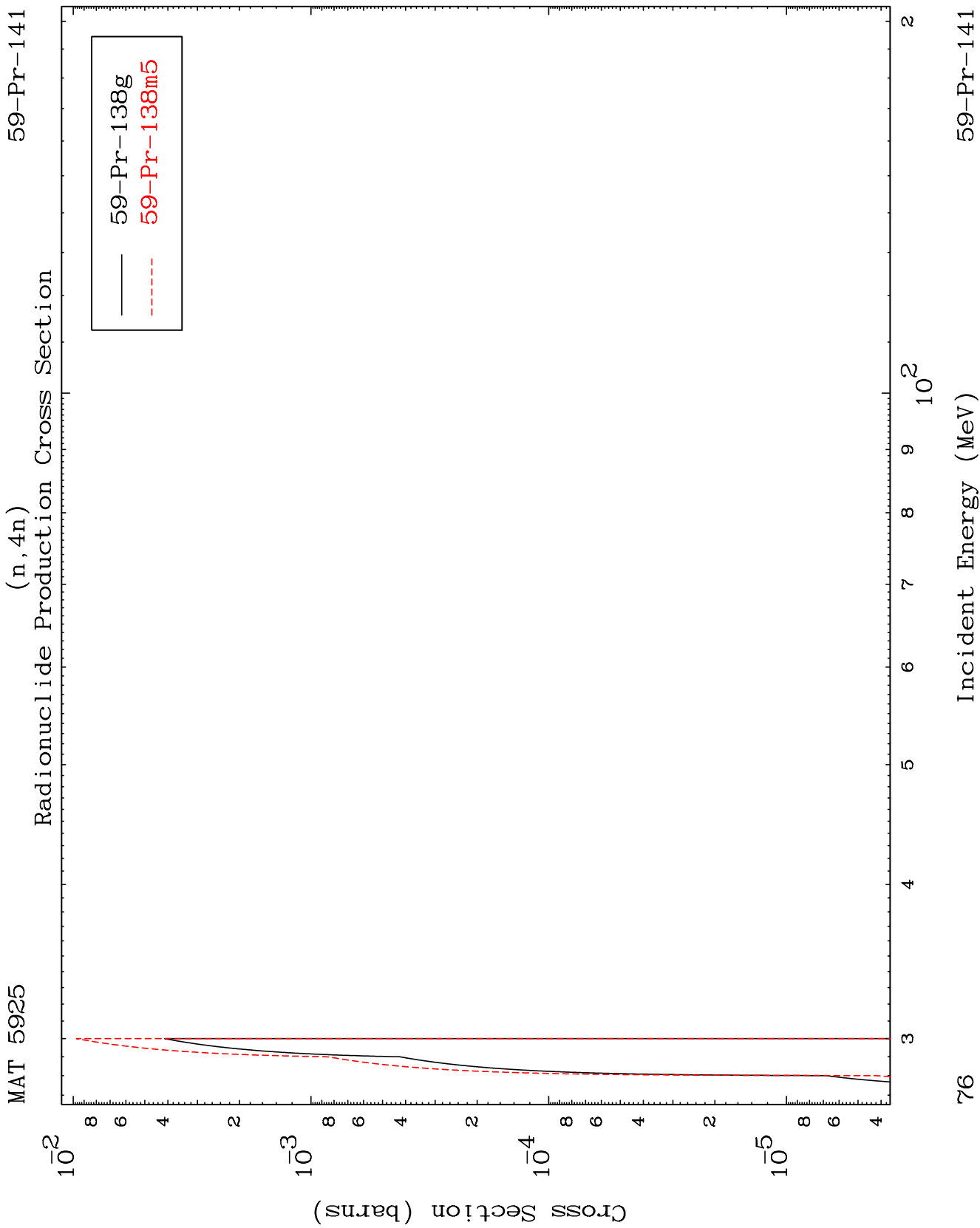
74

Incident Energy (MeV)

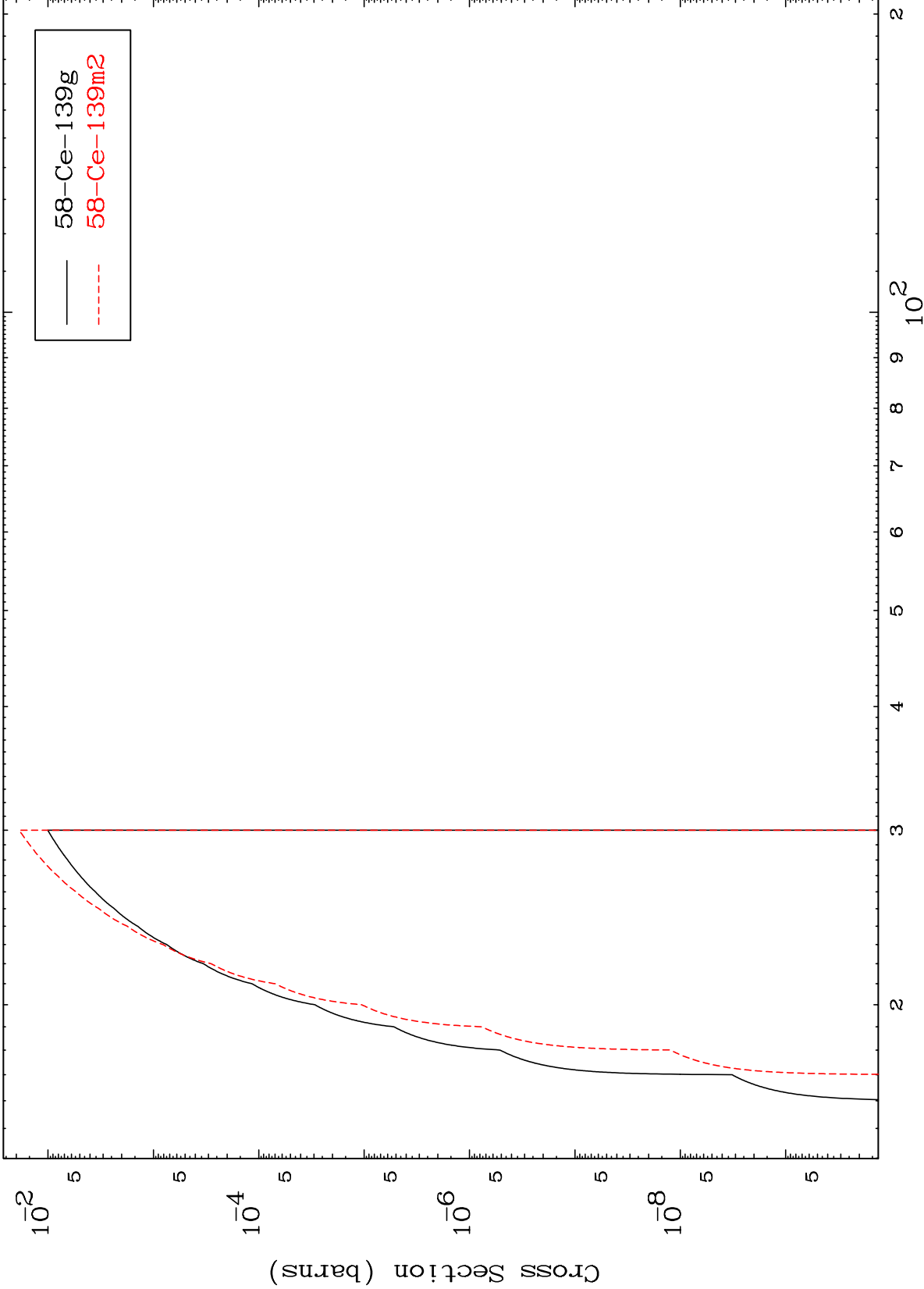
59-Pr-141

Radionuclide Production Cross Section





Radionuclide Production Cross Section

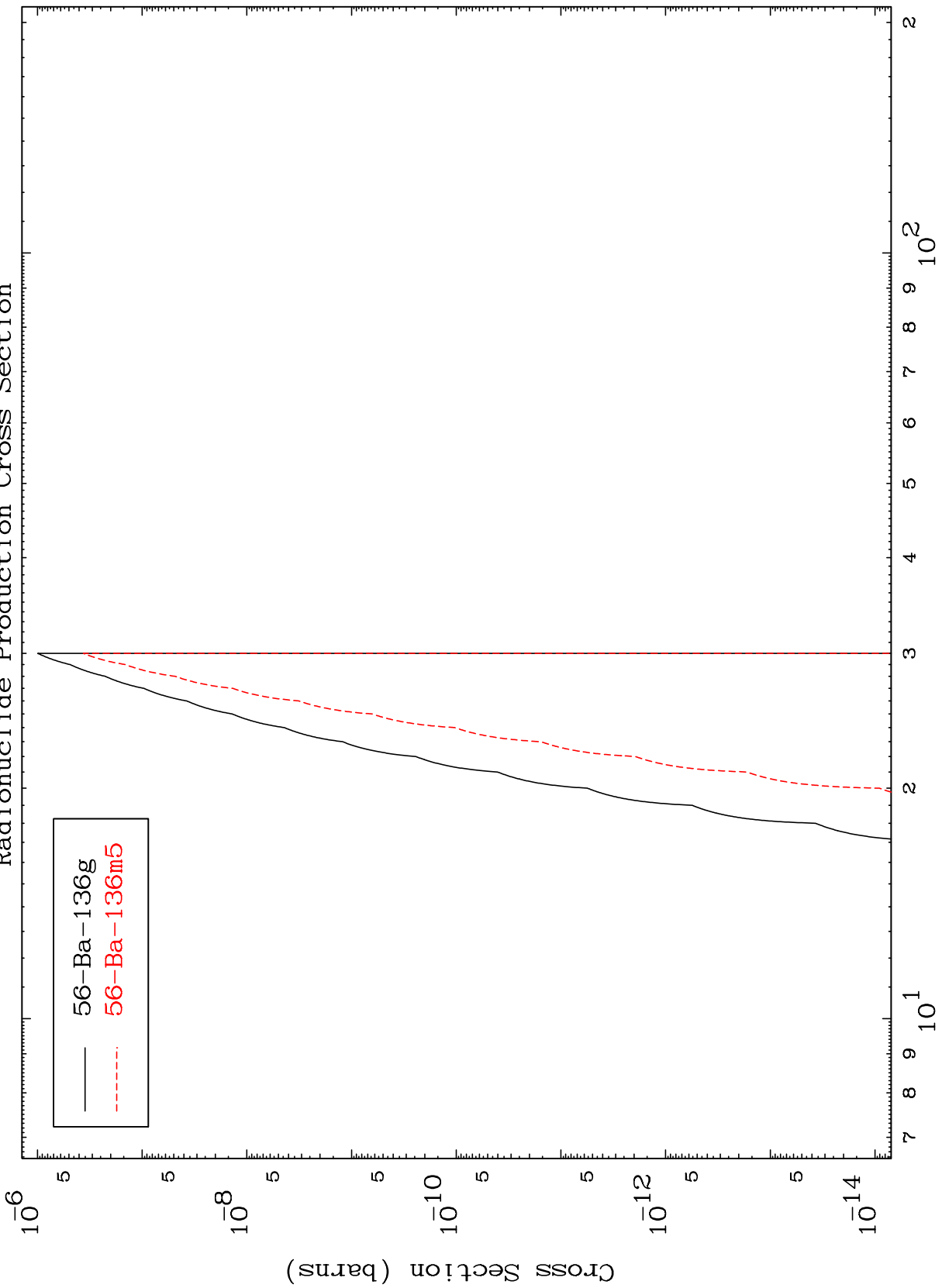


MAT 5925

(n,n') p α

59-Pr-141

Radionuclide Production Cross Section



78

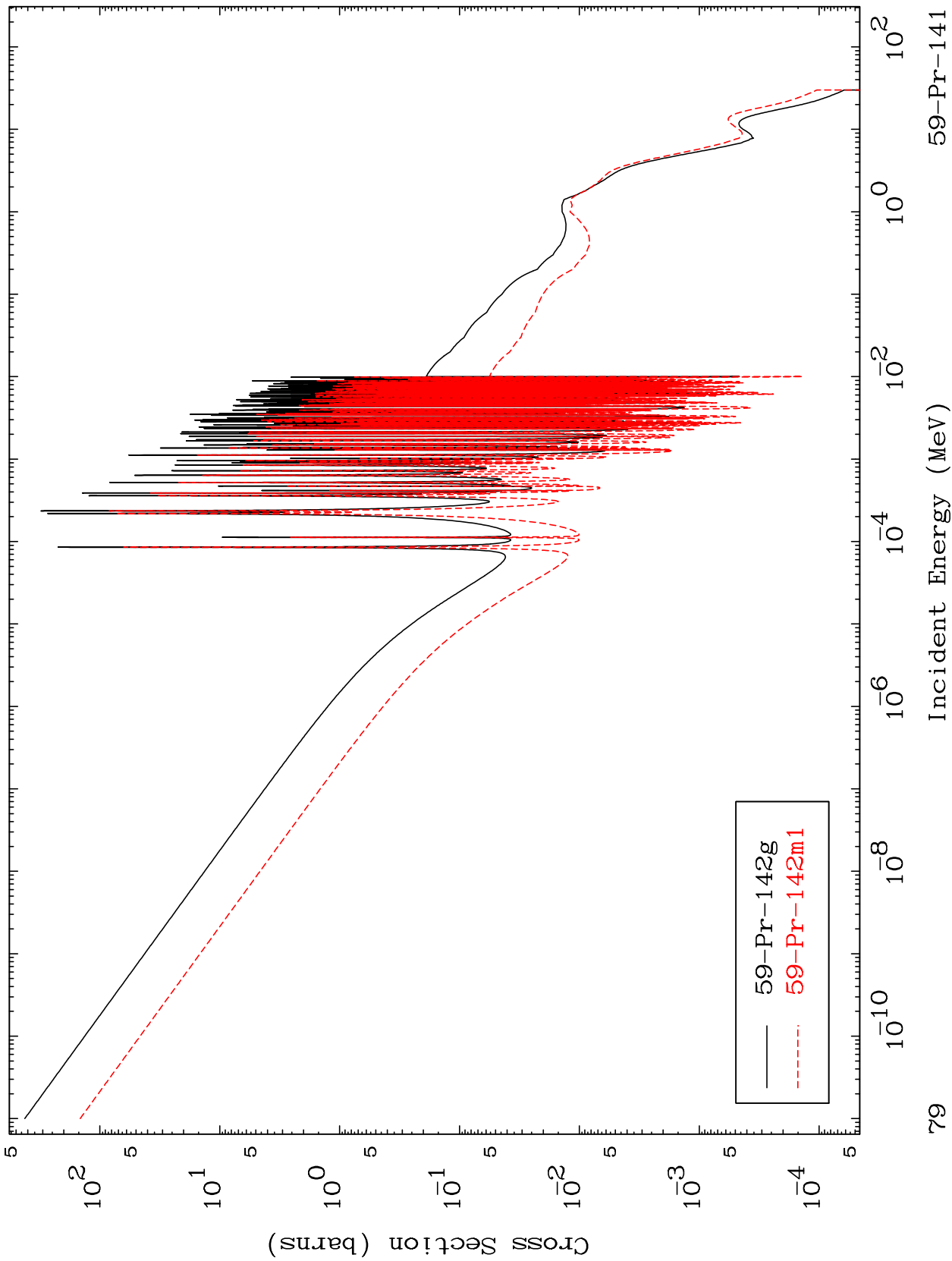
Incident Energy (MeV)

59-Pr-141

MAT 5925

59-Pr-141

(n, γ)
Radionuclide Production Cross Section



59-Pr-141

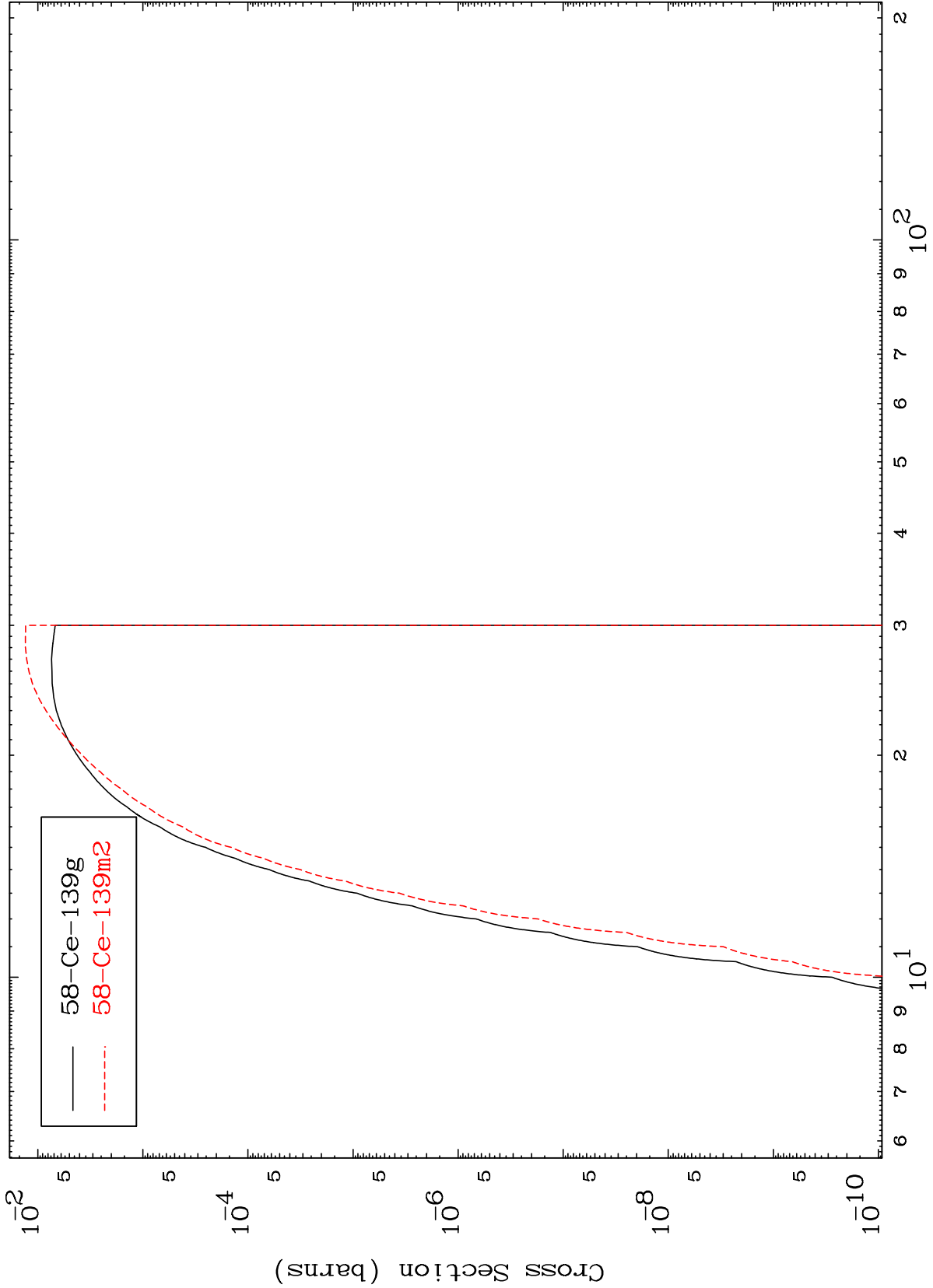
Incident Energy (MeV)

79

MAT 5925

59-Pr-141

(n,t)
Radionuclide Production Cross Section



80

Incident Energy (MeV)

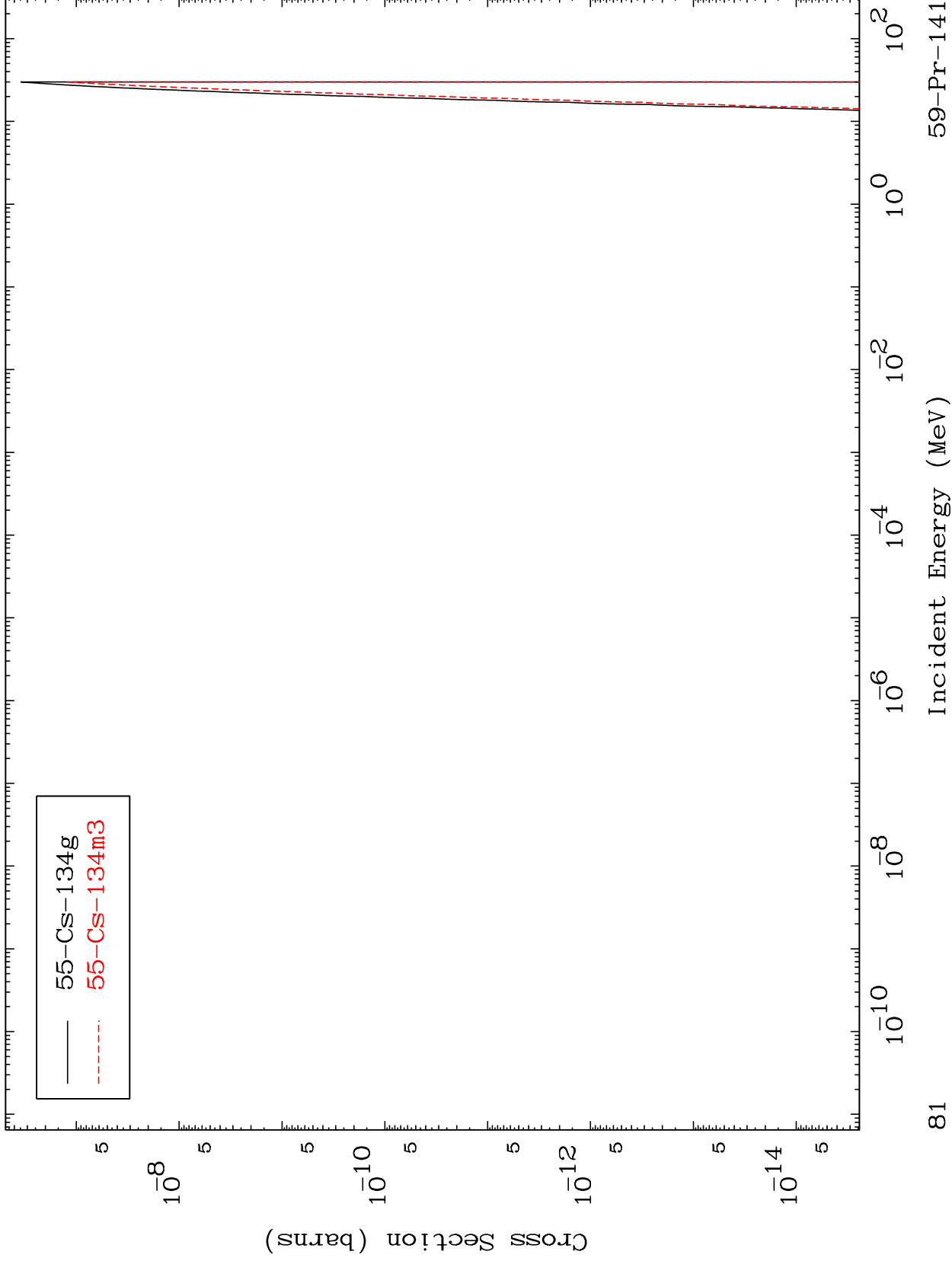
59-Pr-141

MAT 5925

(n,2α)

59-Pr-141

Radionuclide Production Cross Section

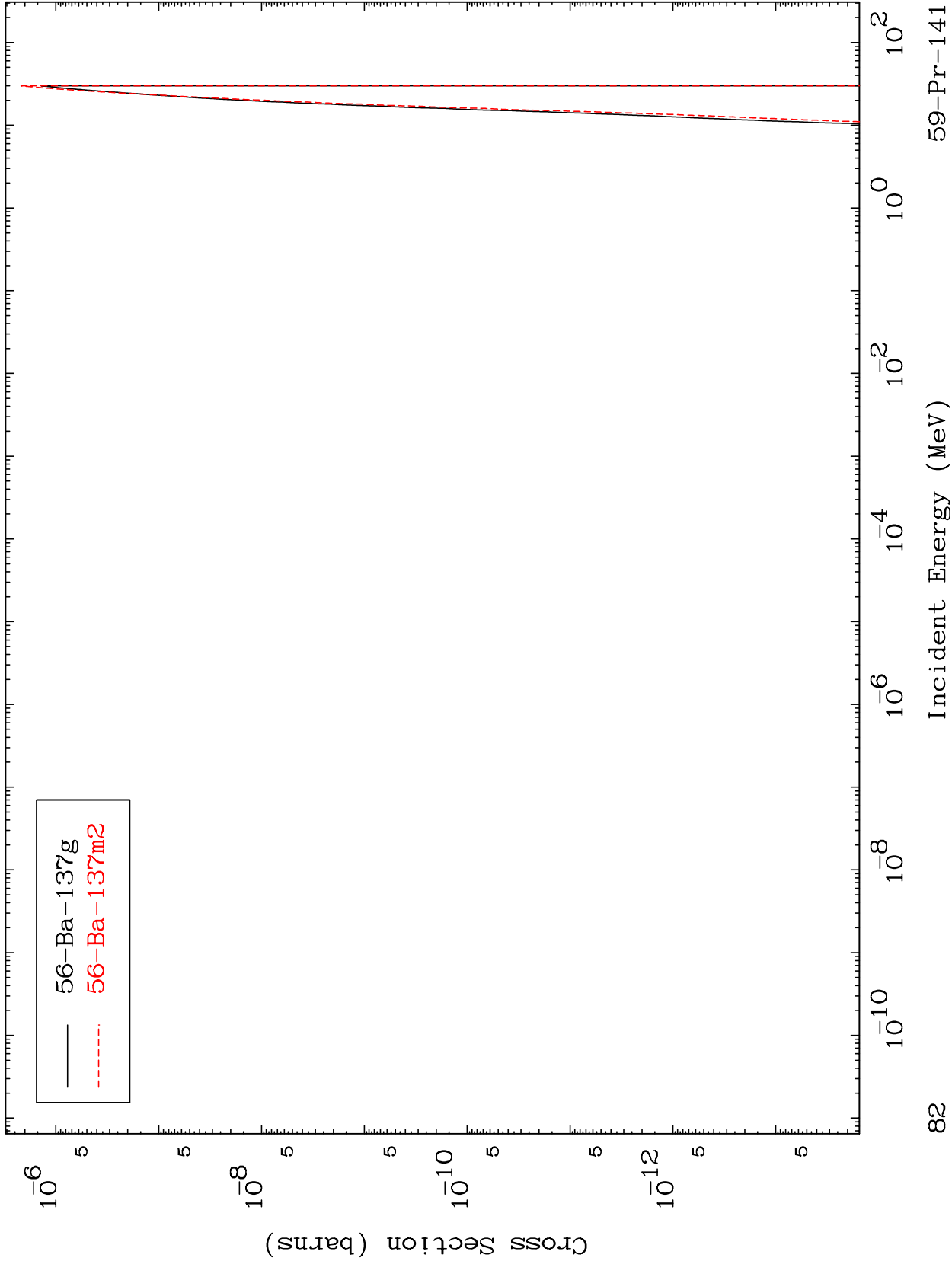


MAT 5925

(n,p) α

59-Pr-141

Radionuclide Production Cross Section



Radionuclide Production Cross Section

