

Program EVALPLOT
(Version 2017-1)

by

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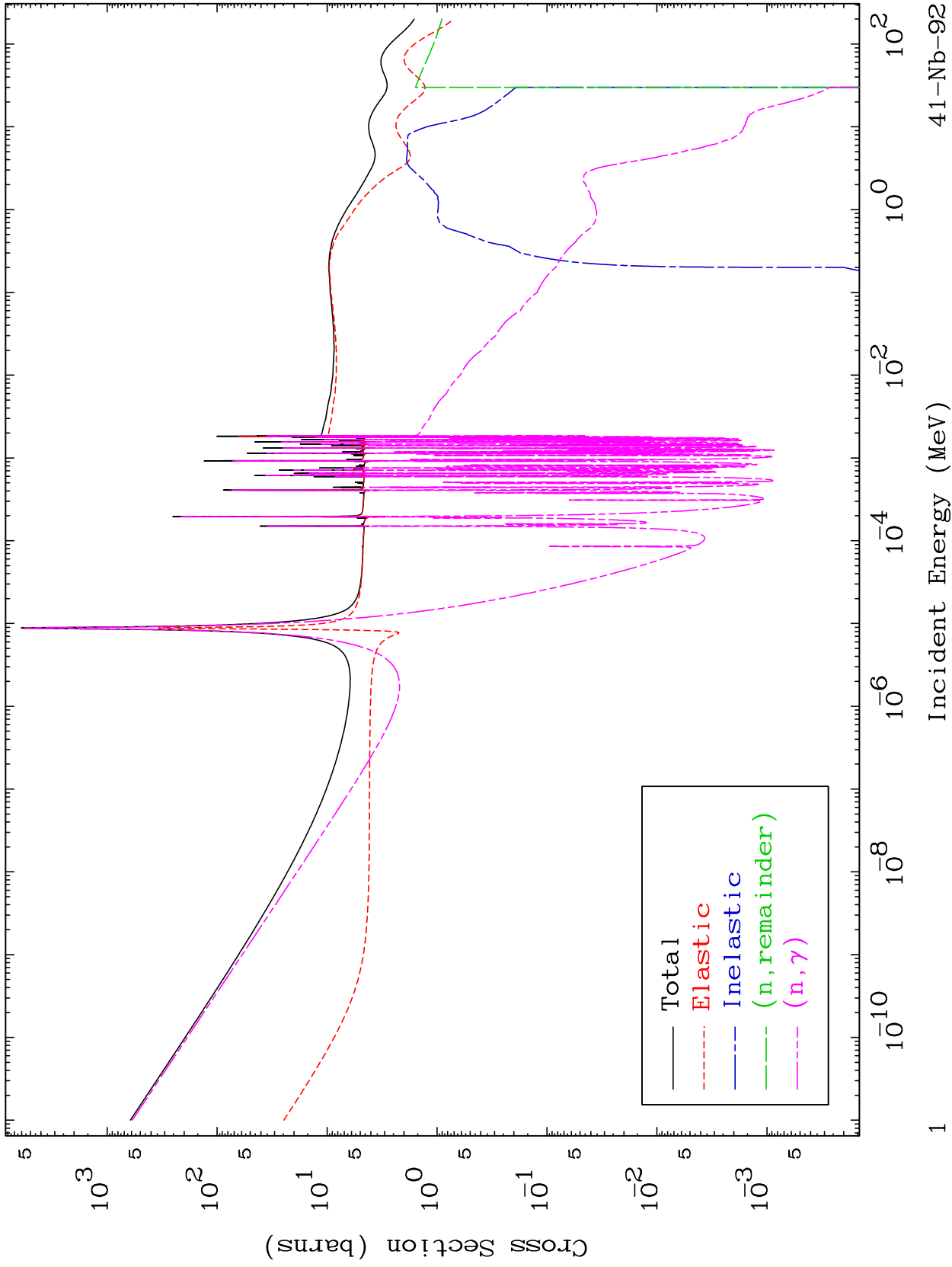
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Press Mouse Button to Start

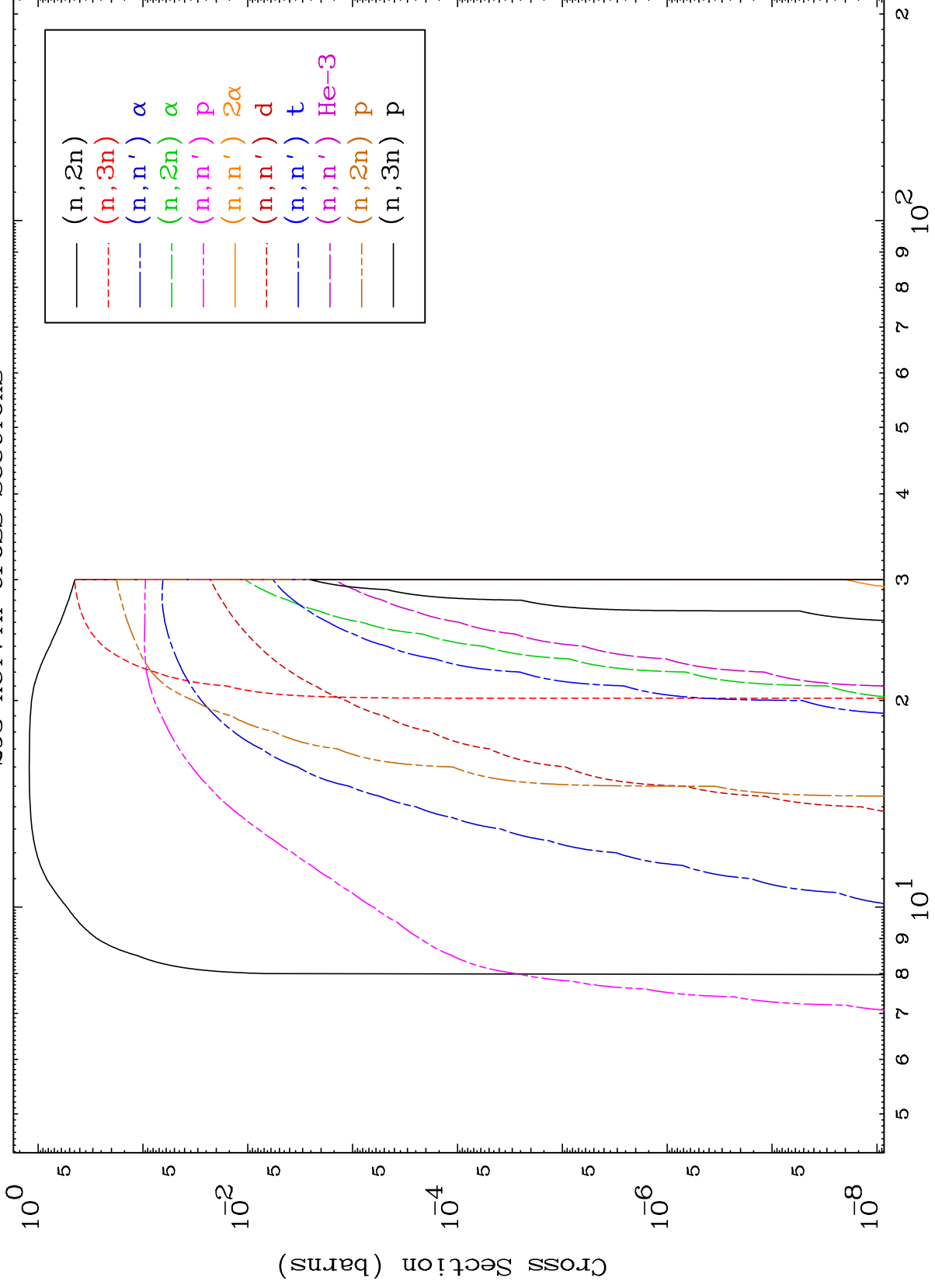
MAT 4122

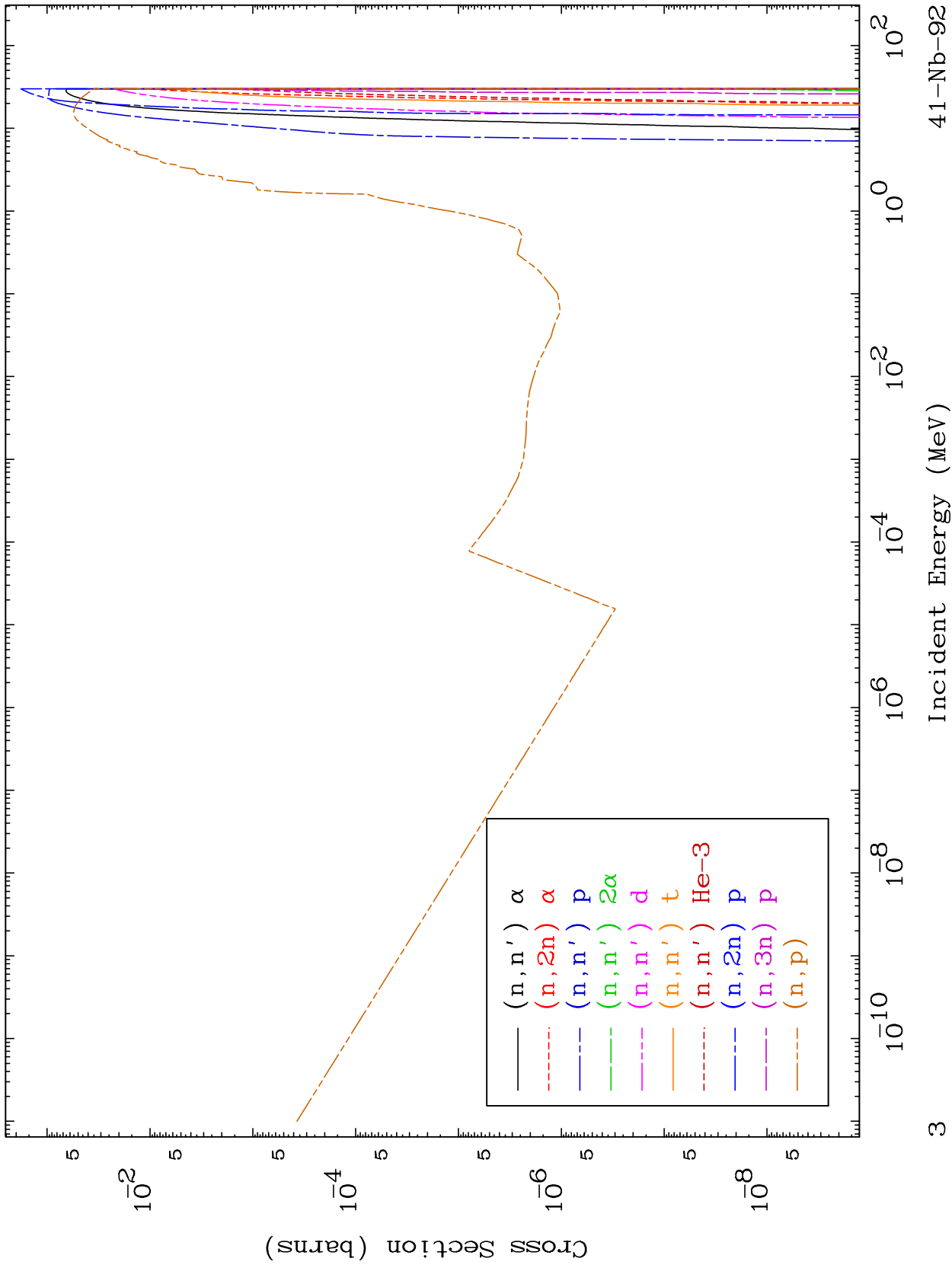
Major
293 Kelvin Cross Sections

41-Nb-92



Neutron Production
293 Kelvin Cross Sections

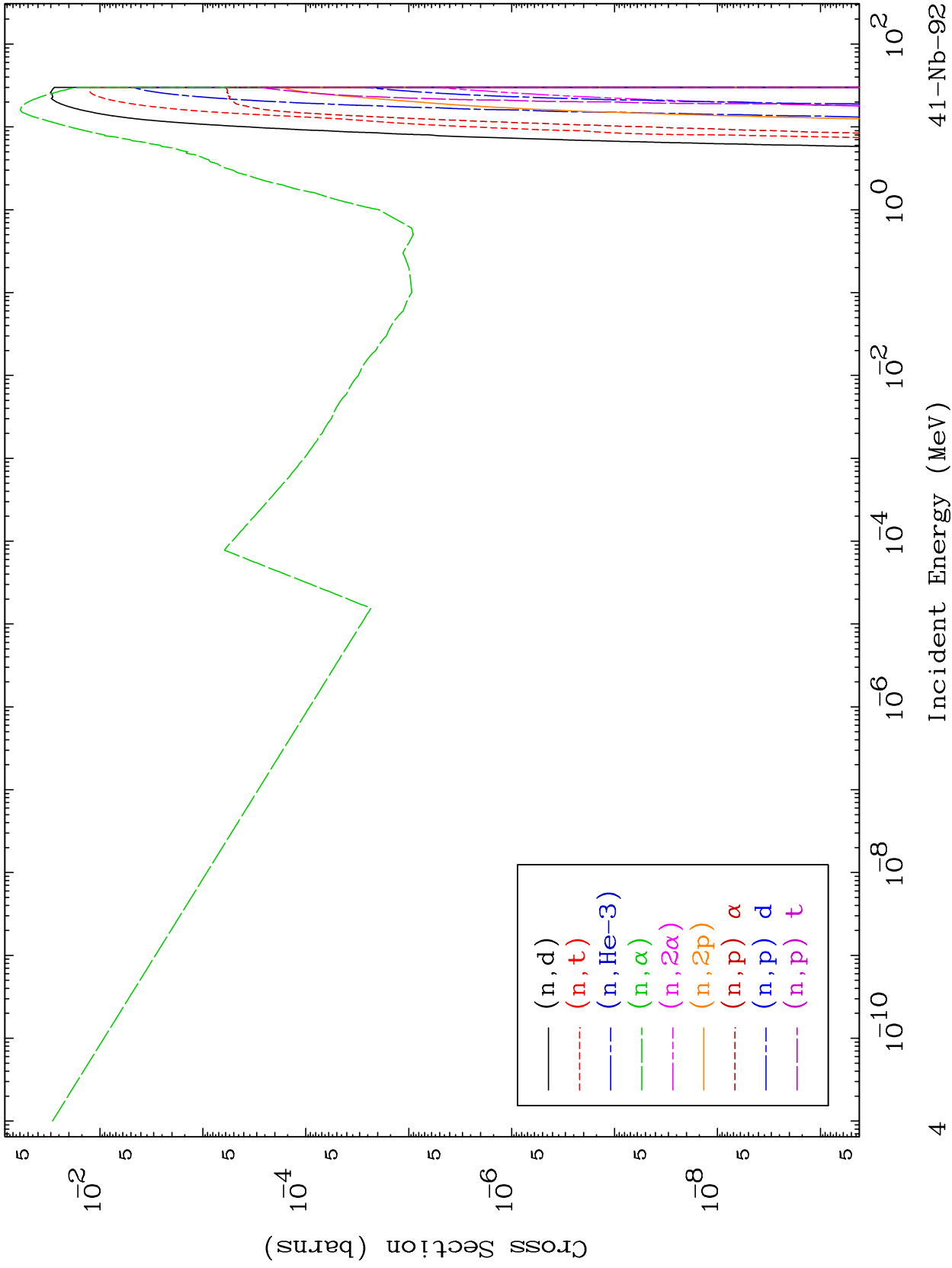


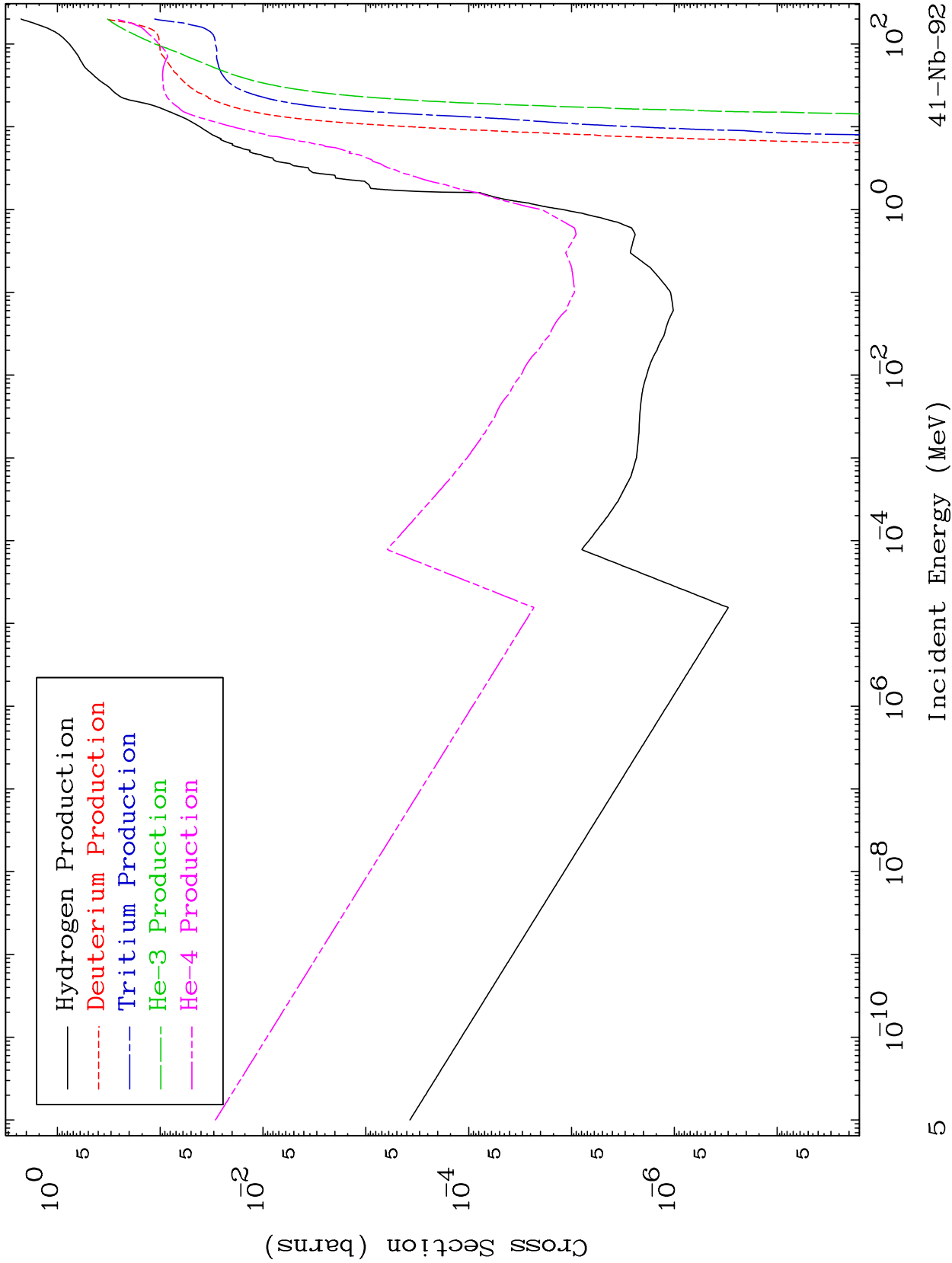


MAT 4122

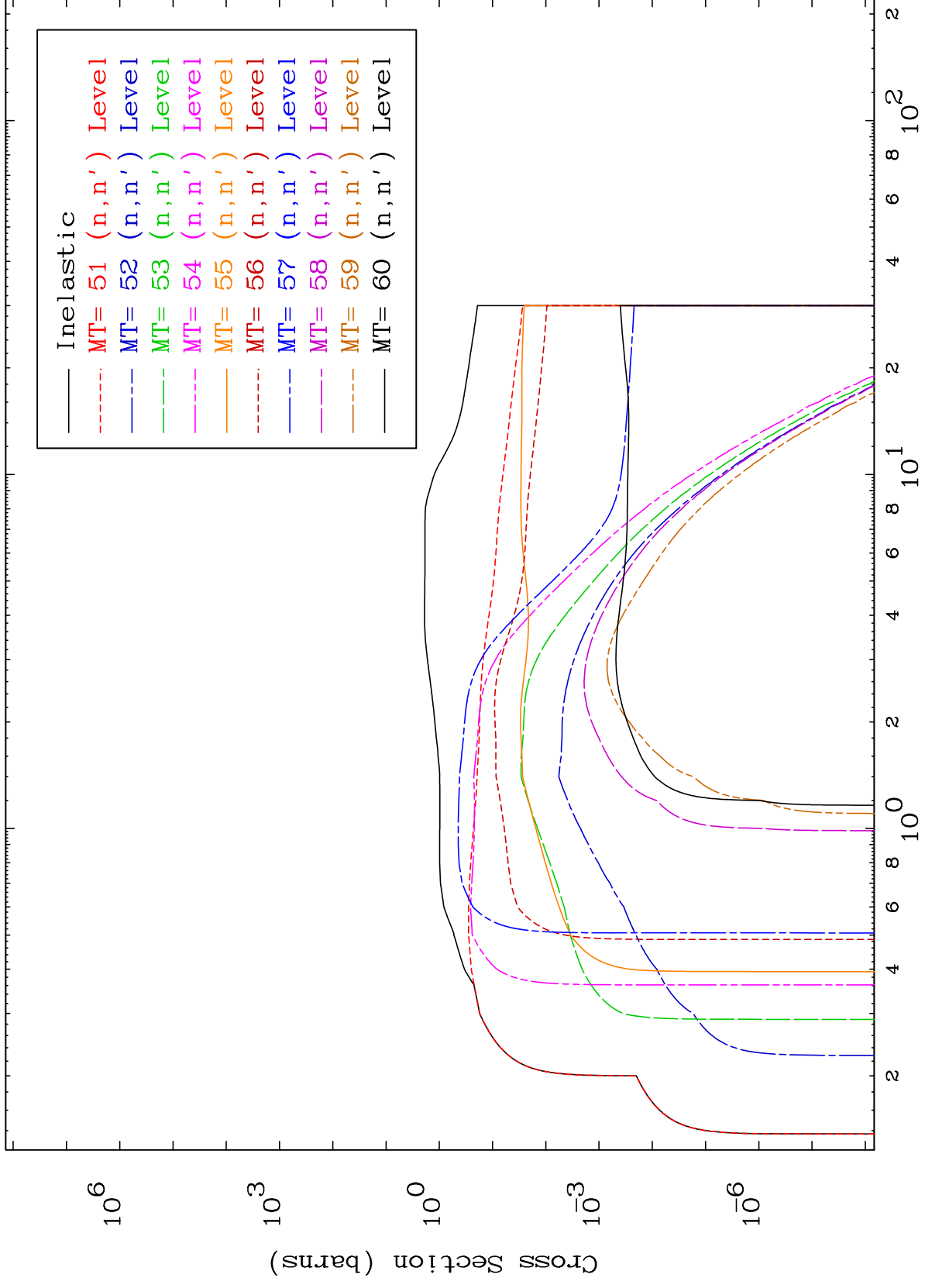
Charged Particle
293 Kelvin Cross Sections

41-Nb-92

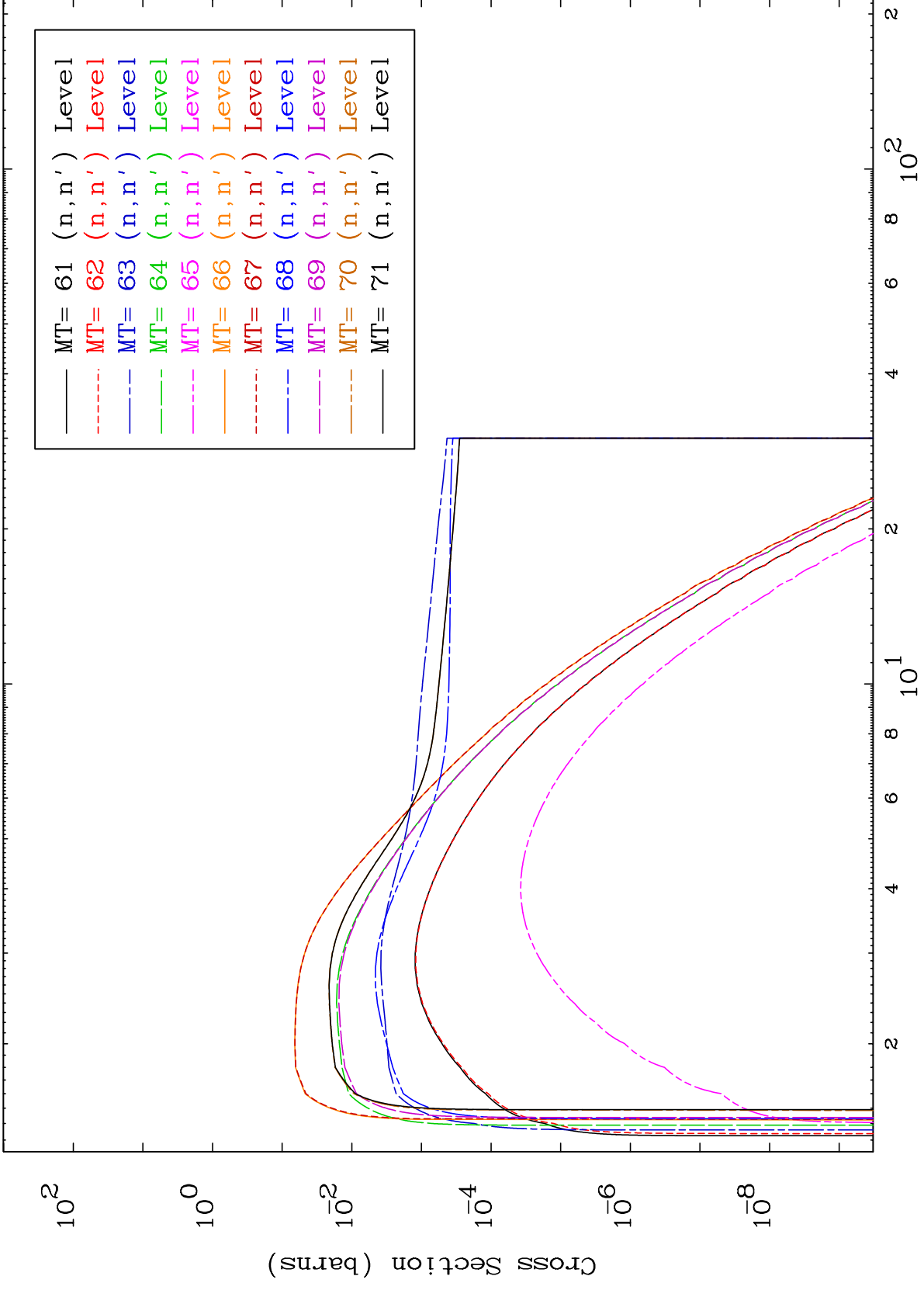




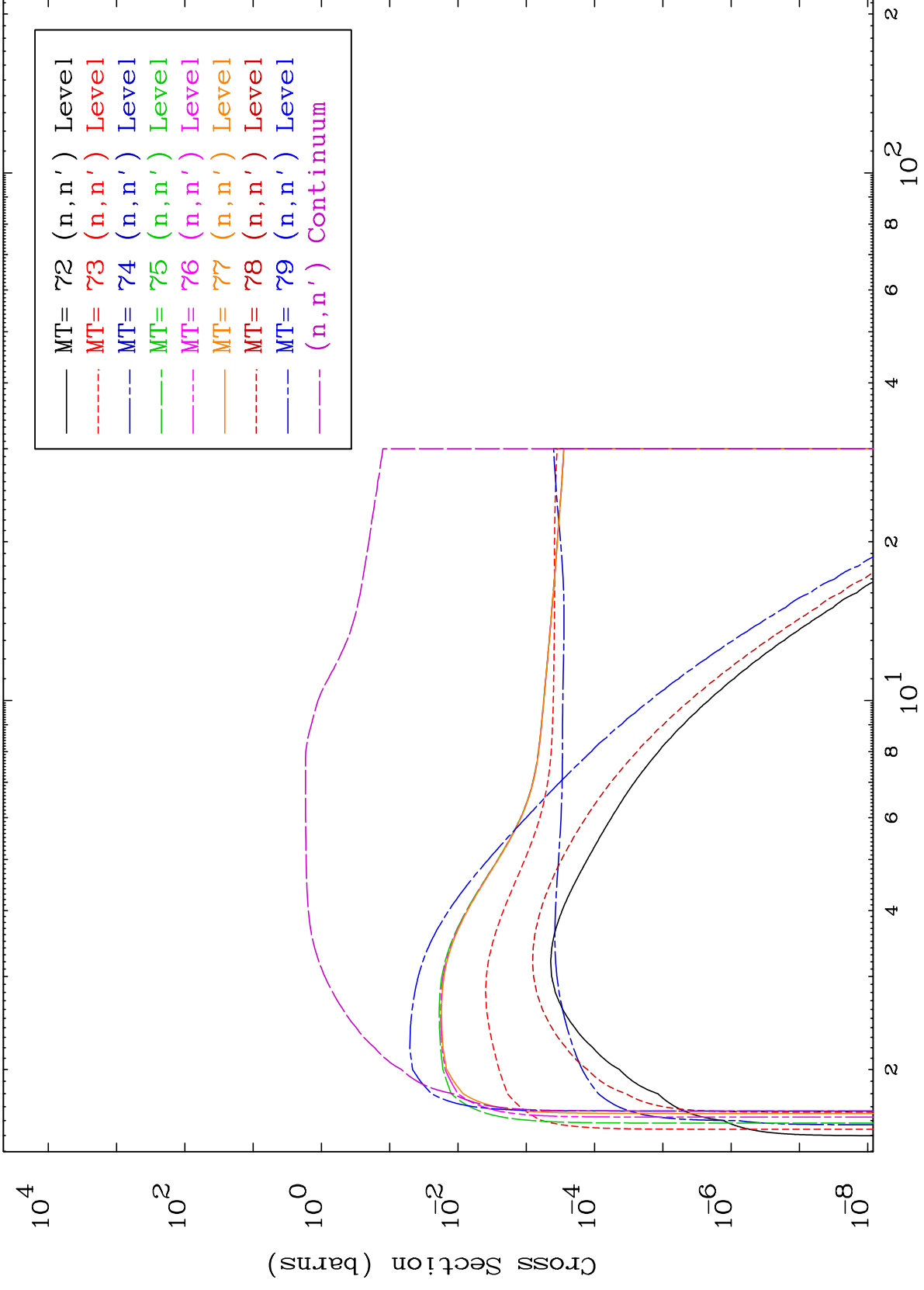
293 Kelvin Cross Sections



293 Kelvin Cross Sections



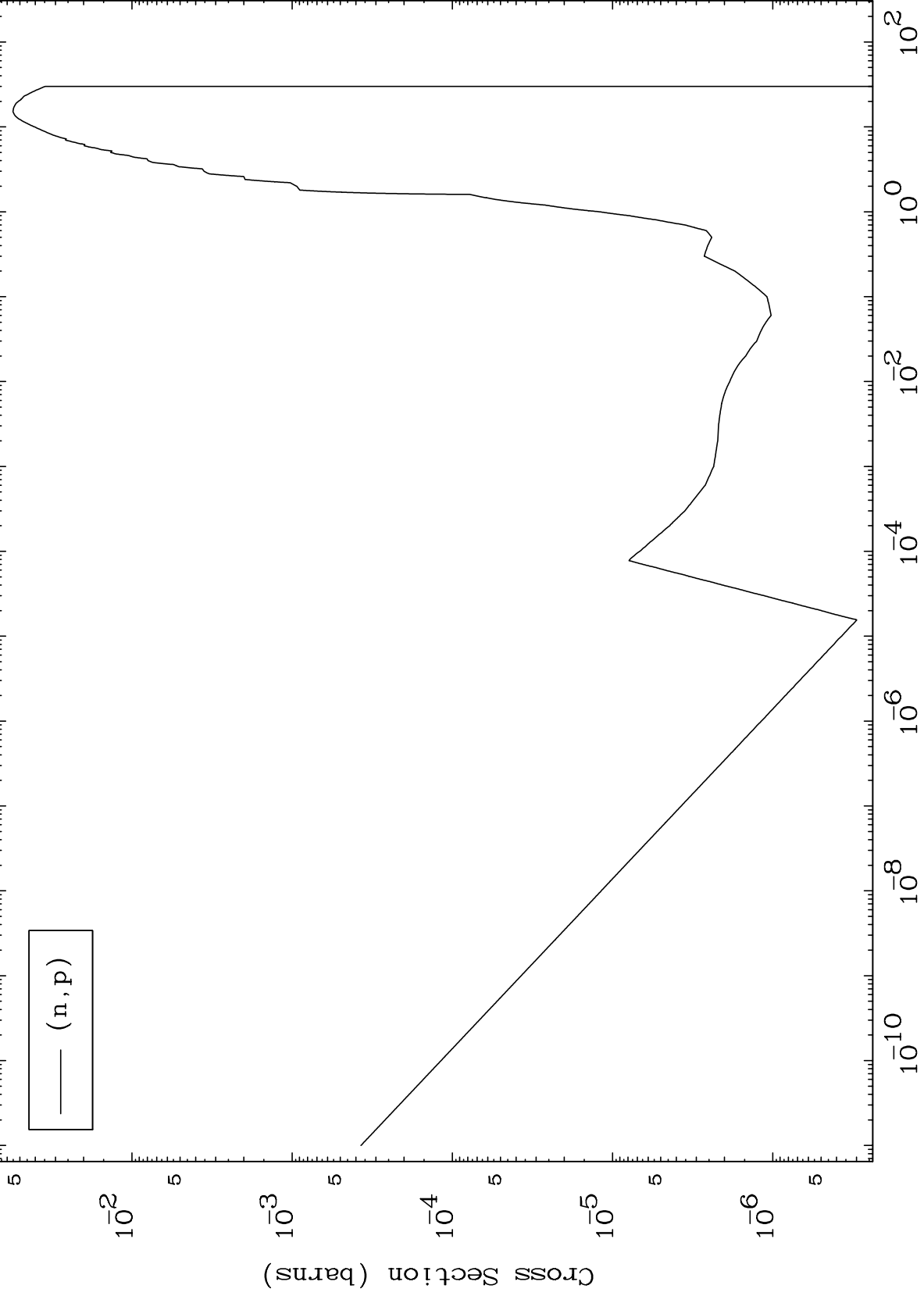
293 Kelvin Cross Sections



MAT 4122

(n,p) Levels
293 Kelvin Cross Sections

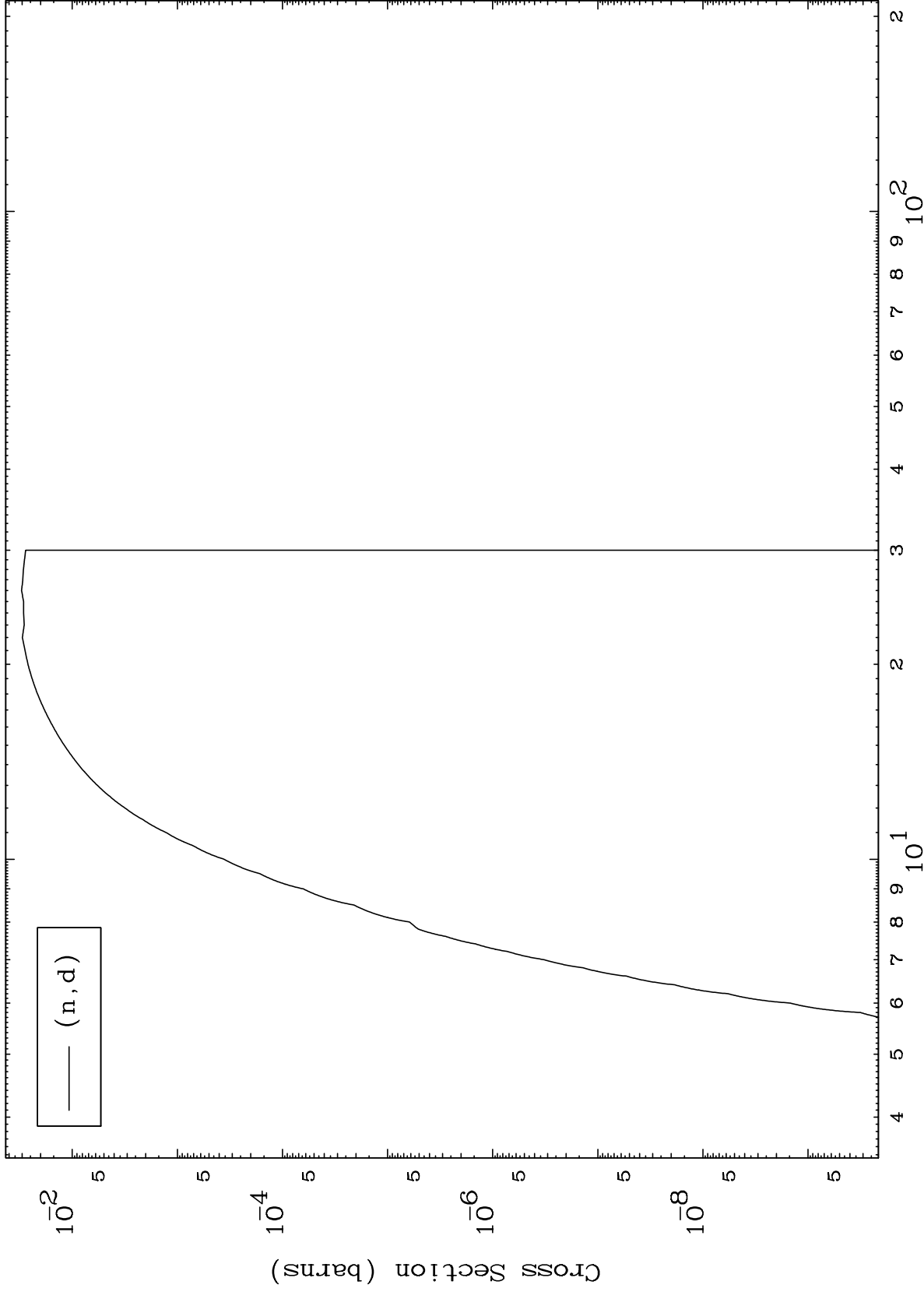
41-Nb-92



MAT 4122

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-92



10

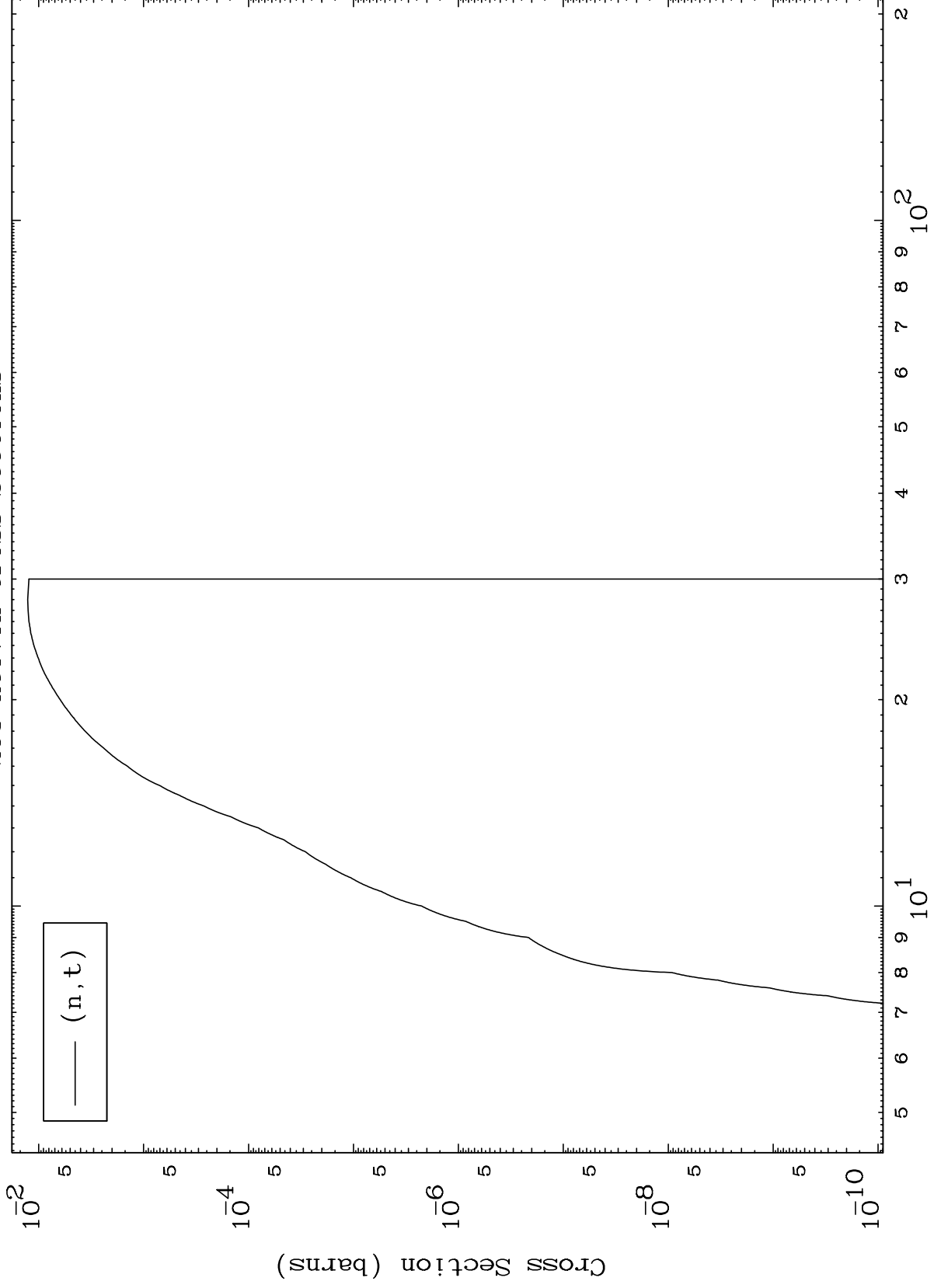
Incident Energy (MeV)

41-Nb-92

MAT 4122

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-92



11

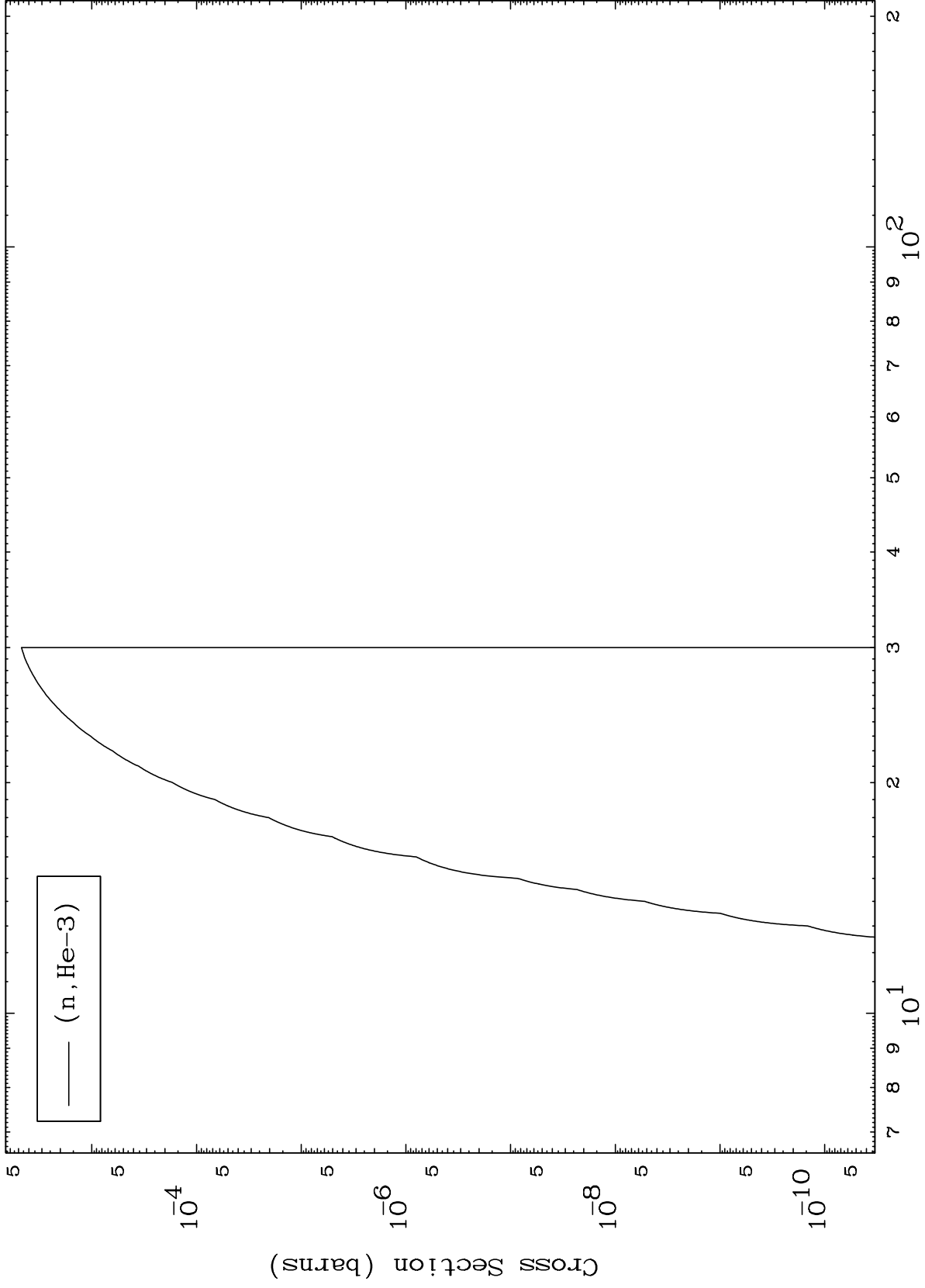
Incident Energy (MeV)

41-Nb-92

MAT 4122

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-92



12

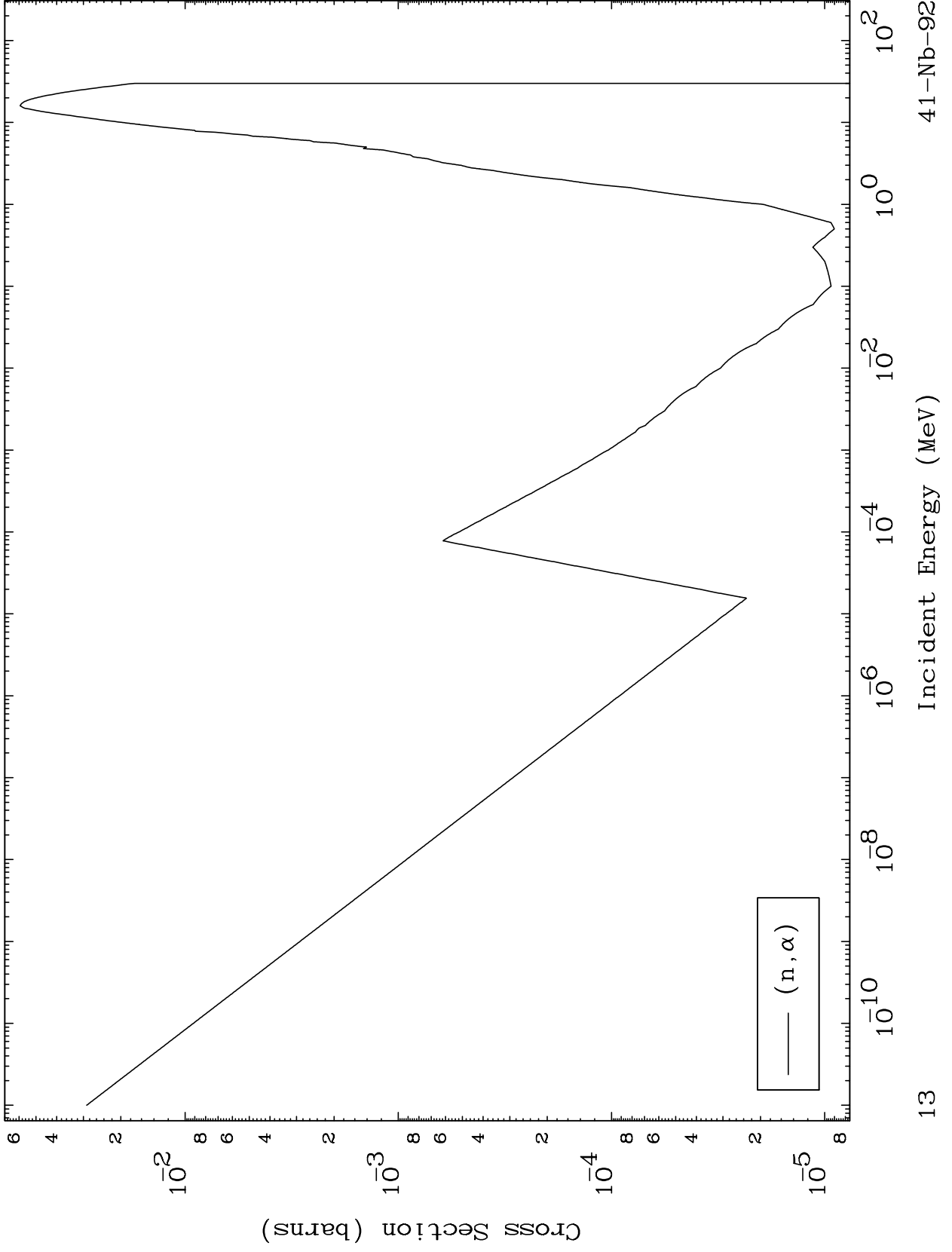
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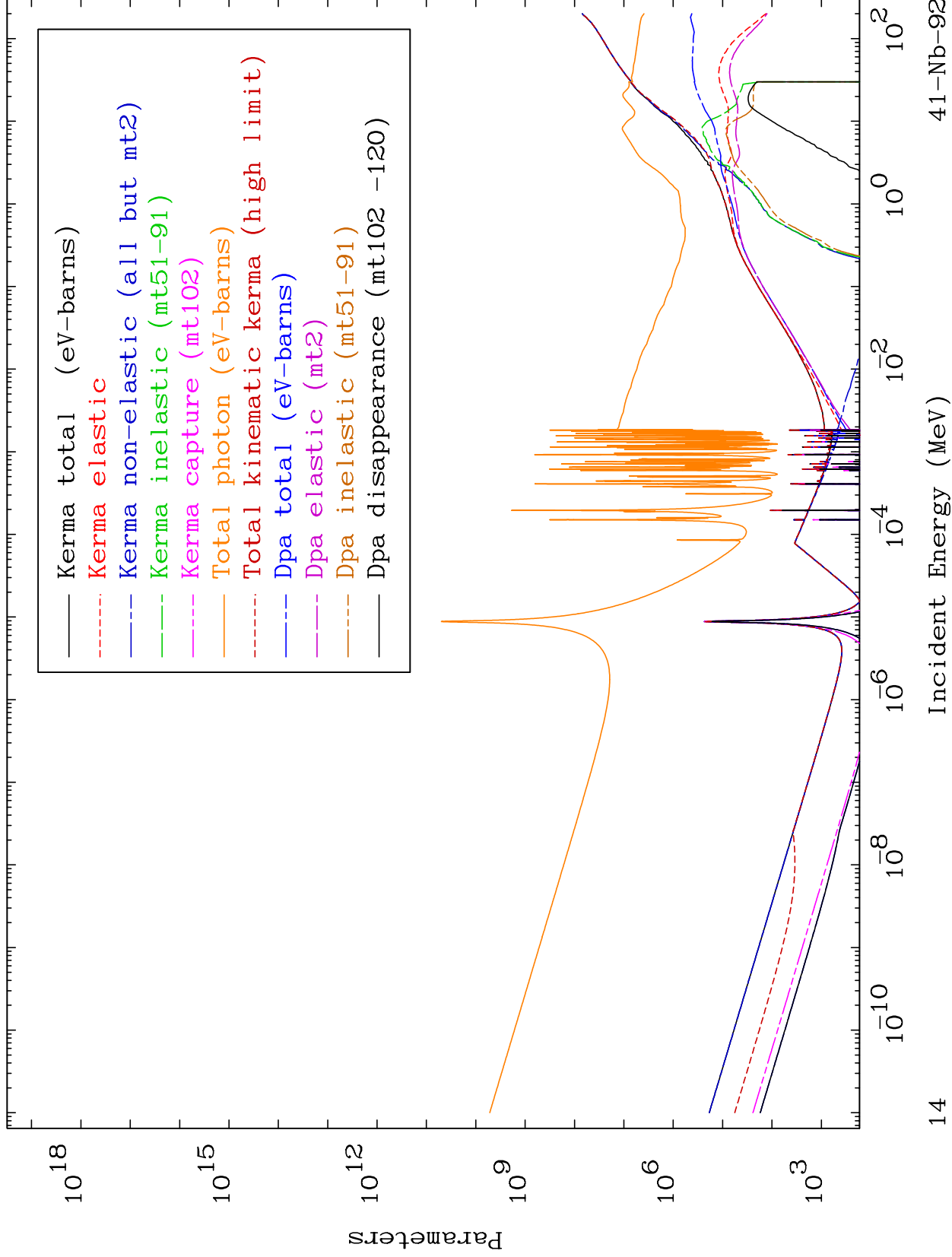
41-Nb-92

MAT 4122

(n, α) Levels
293 Kelvin Cross Sections

41-Nb-92

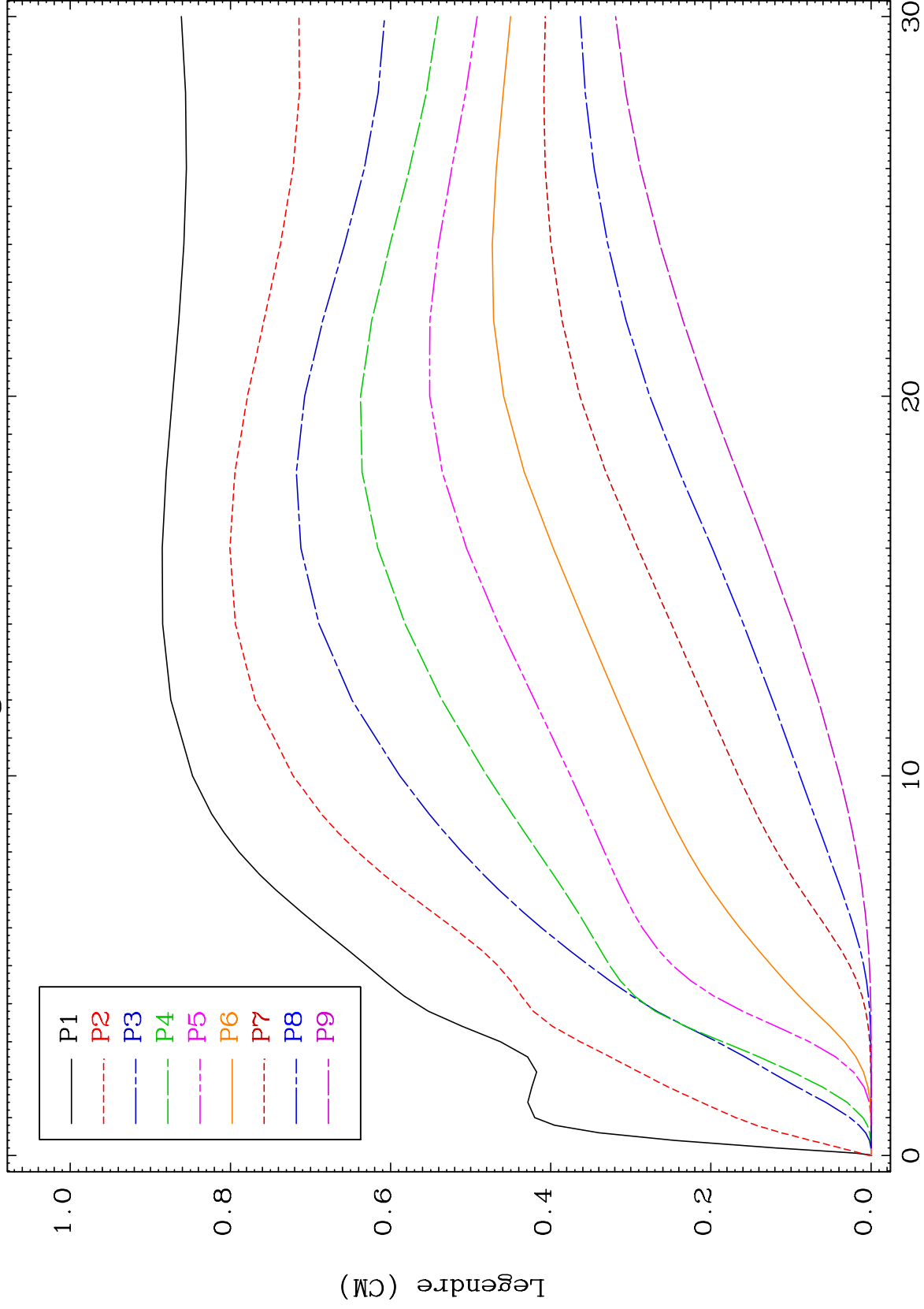




MAT 4122

Elastic Legendre Coefficients

41-Nb-92



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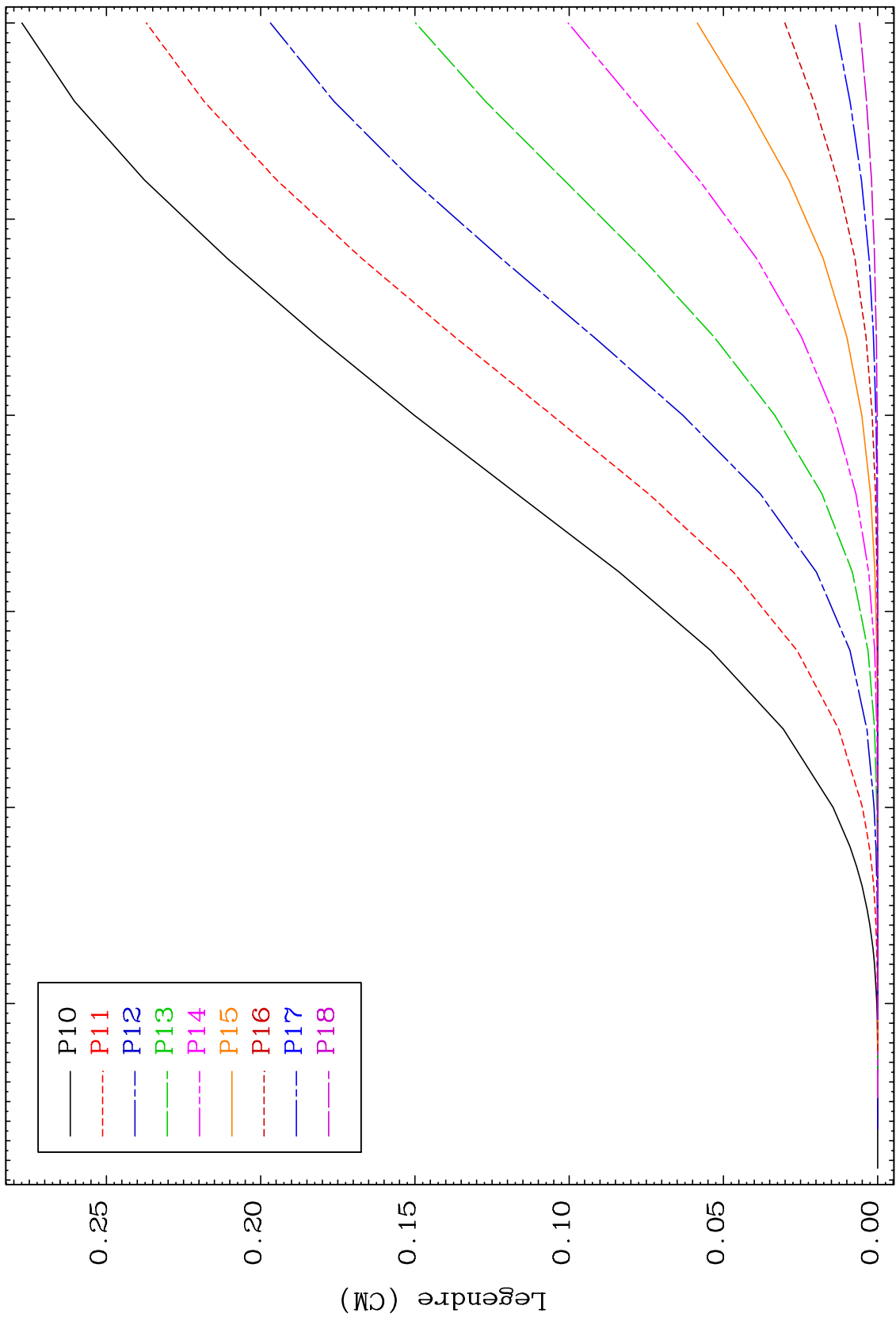
Incident Energy (MeV)

41-Nb-92

MAT 4122

Elastic Legendre Coefficients

41-Nb-92



16

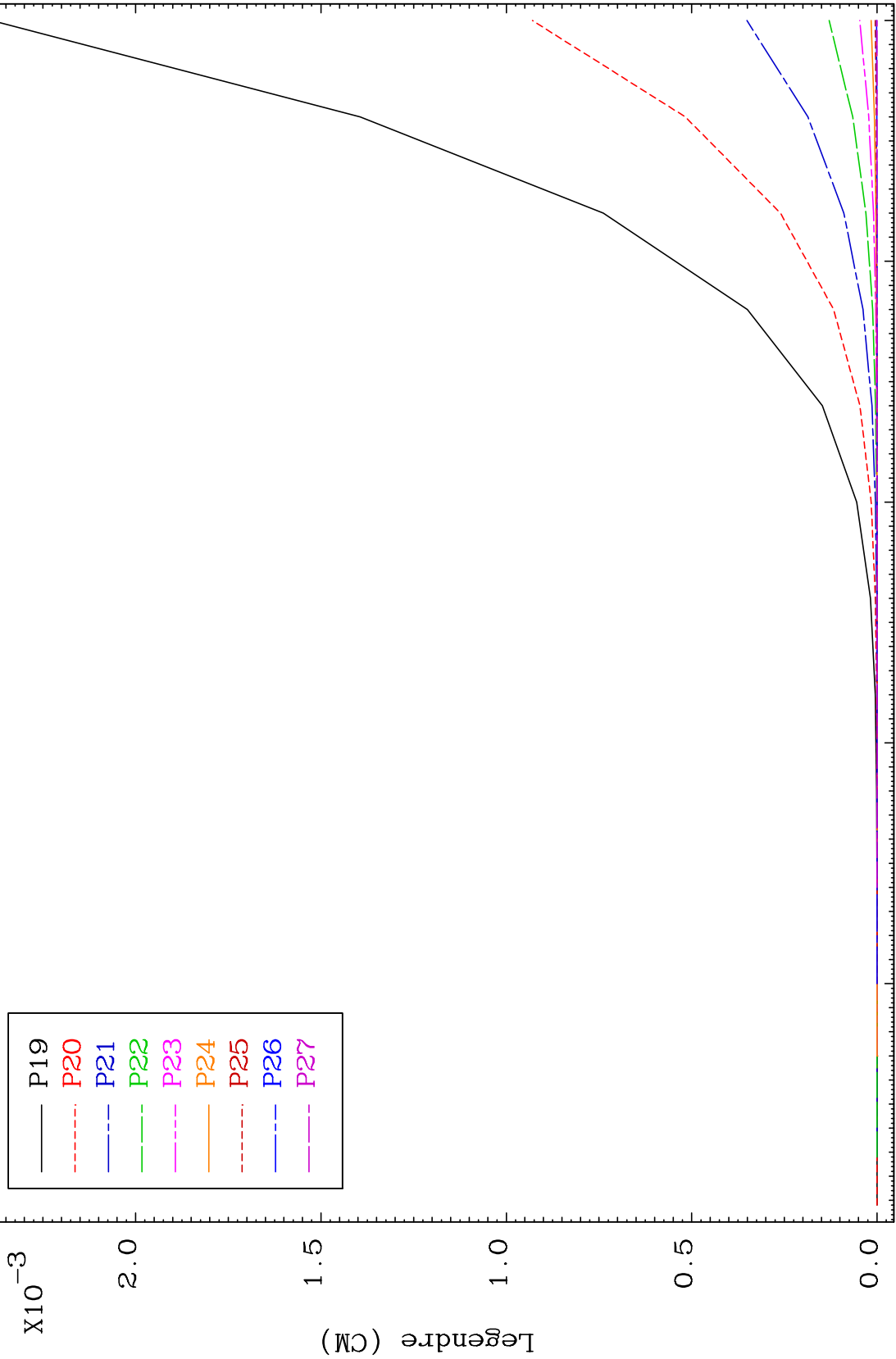
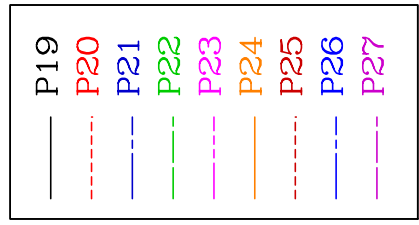
41-Nb-92

Incident Energy (MeV)

MAT 4122

Elastic Legendre Coefficients

41-Nb-92



17

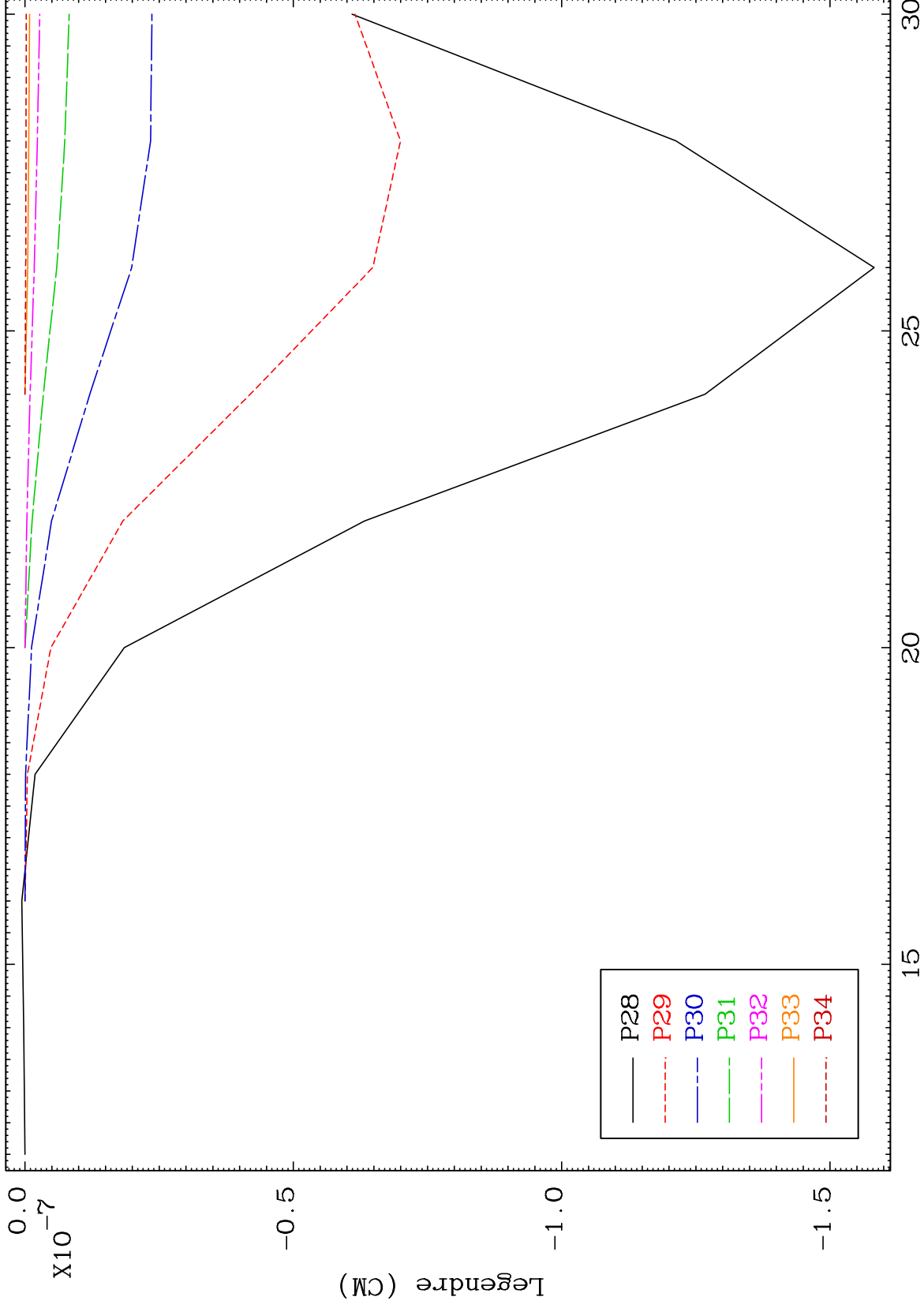
Incident Energy (MeV)

41-Nb-92

MAT 4122

41-Nb-92

Elastic Legendre Coefficients



18

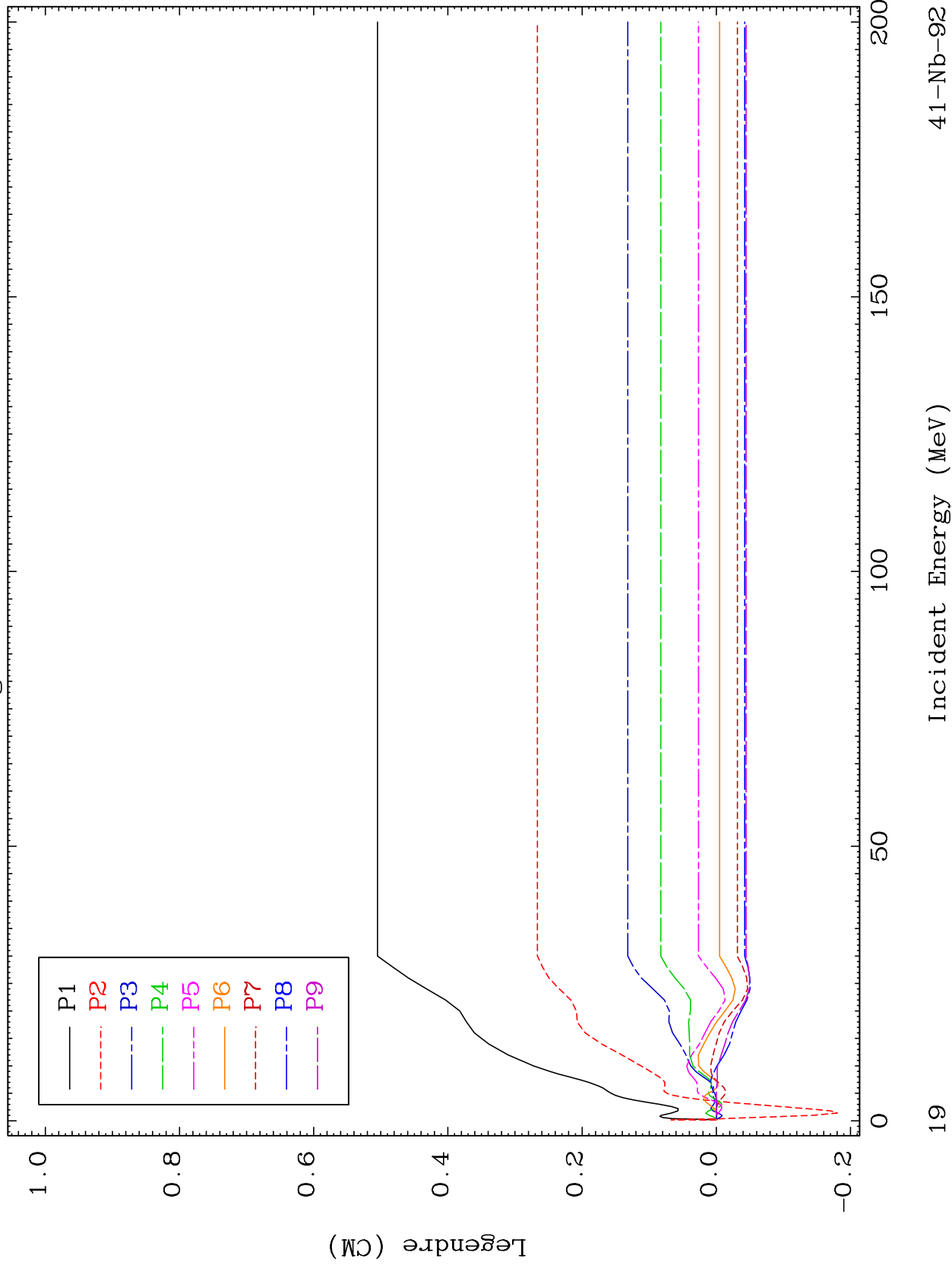
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



19

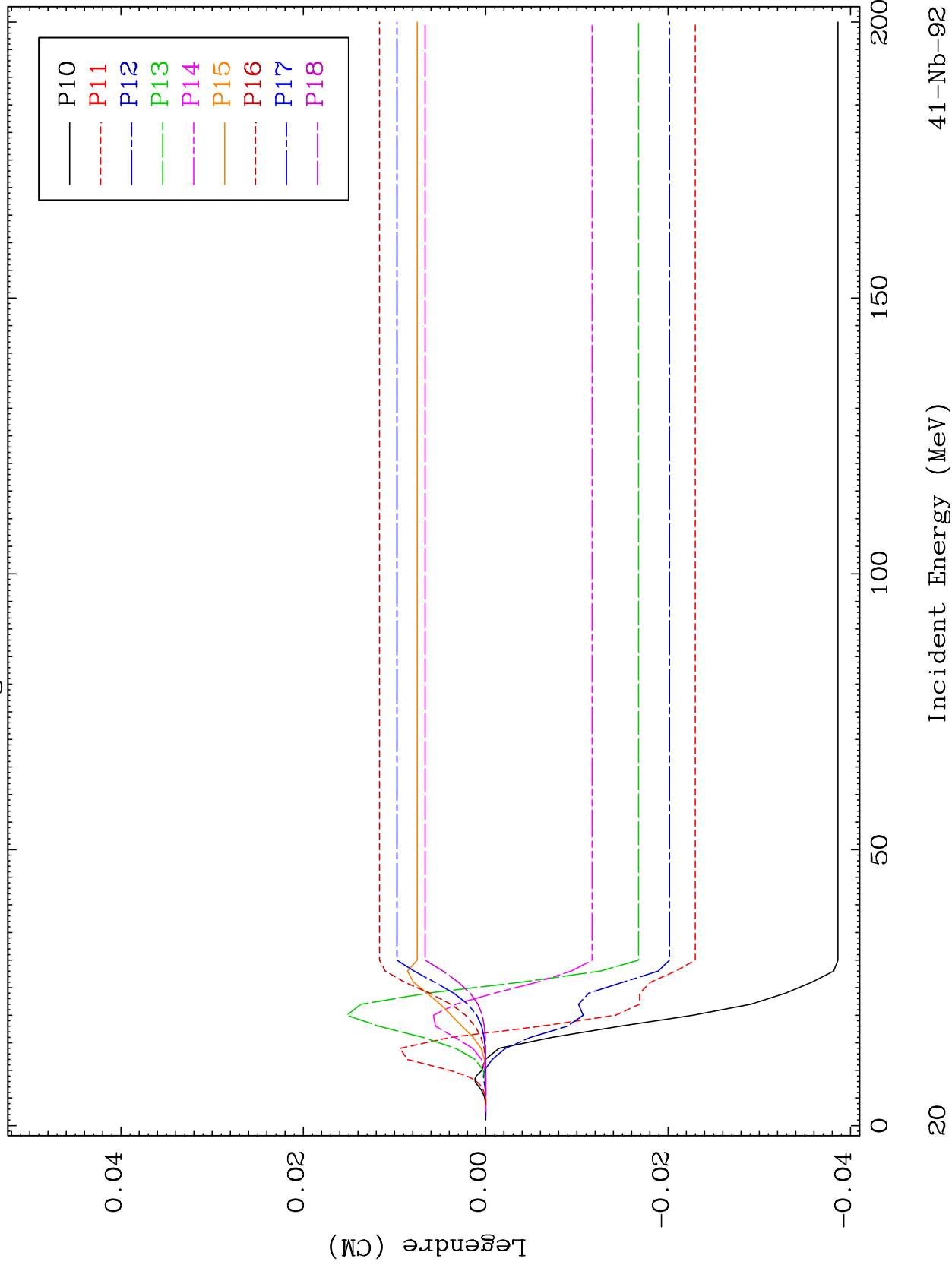
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92

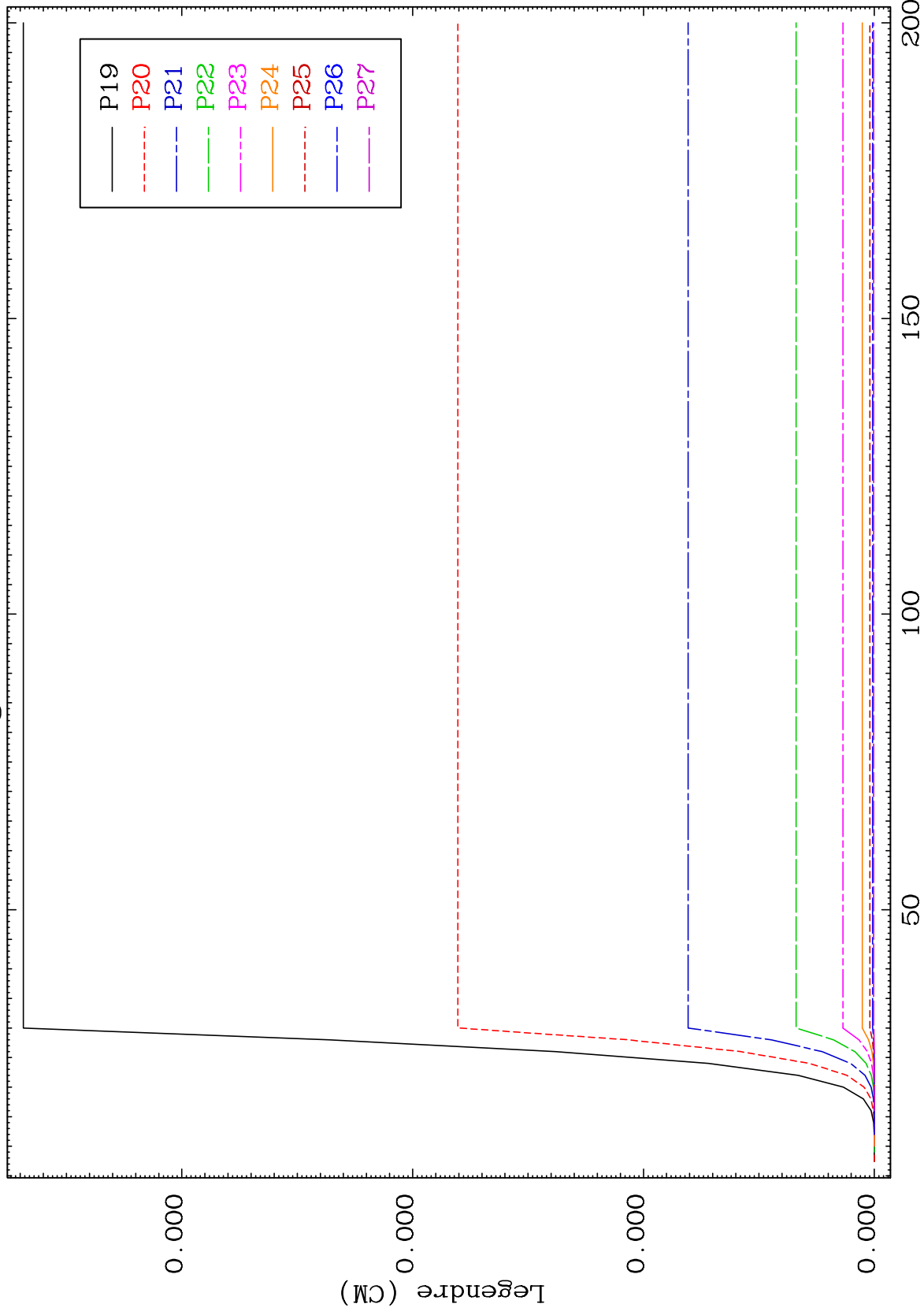


41-Nb-92

MAT 4122

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

41-Nb-92



21

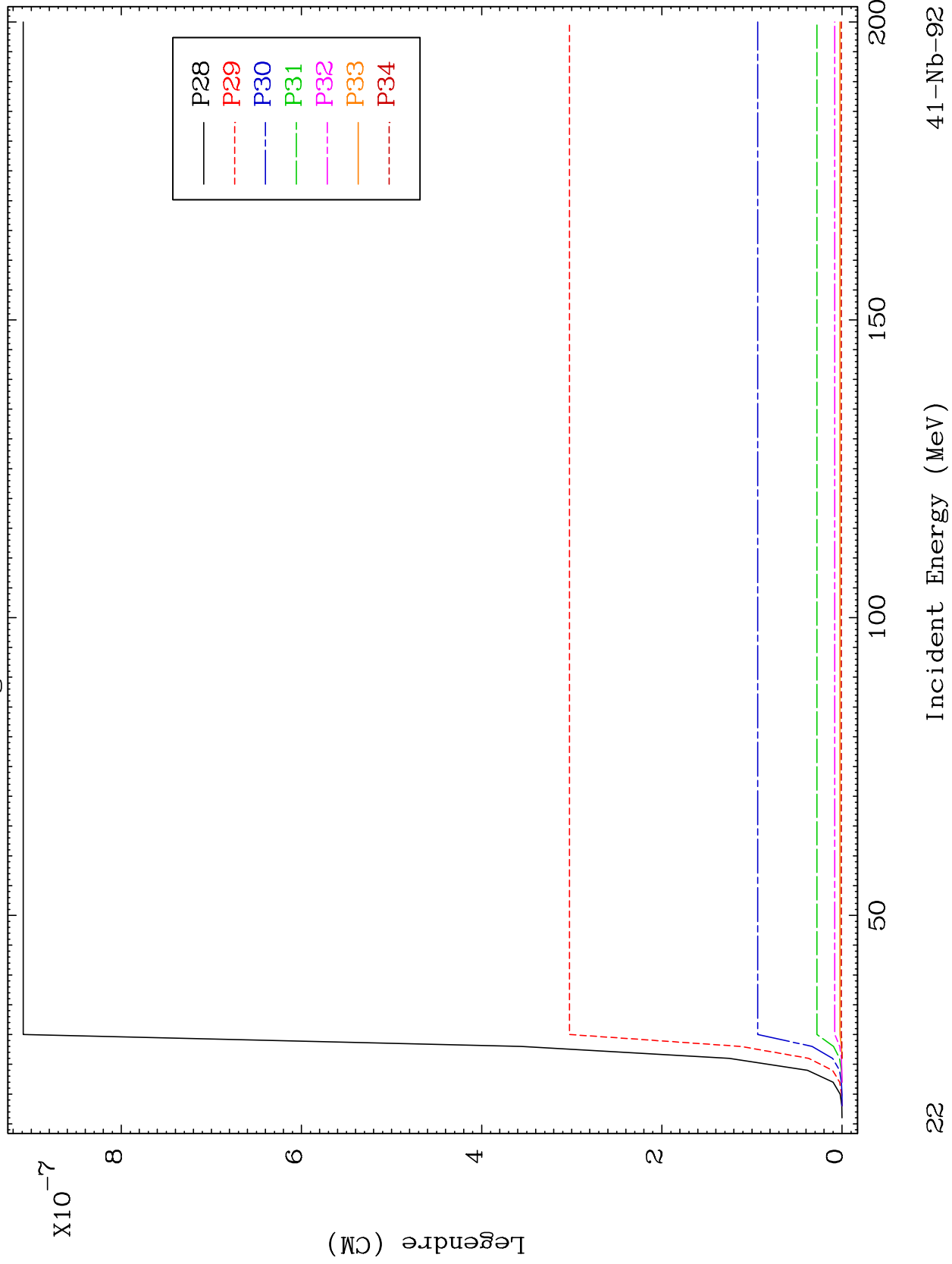
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

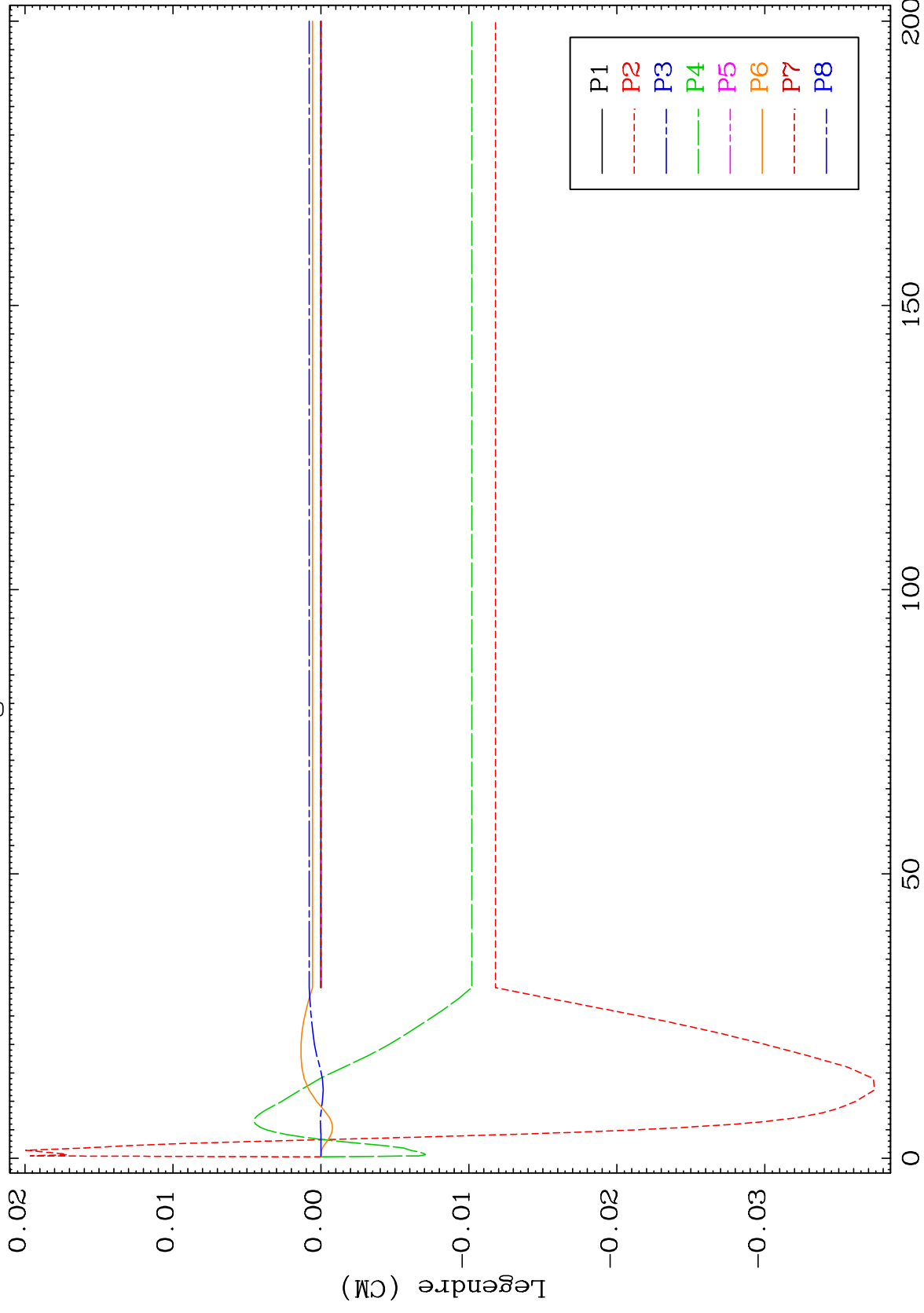
41-Nb-92



MAT 4122

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

41-Nb-92



41-Nb-92

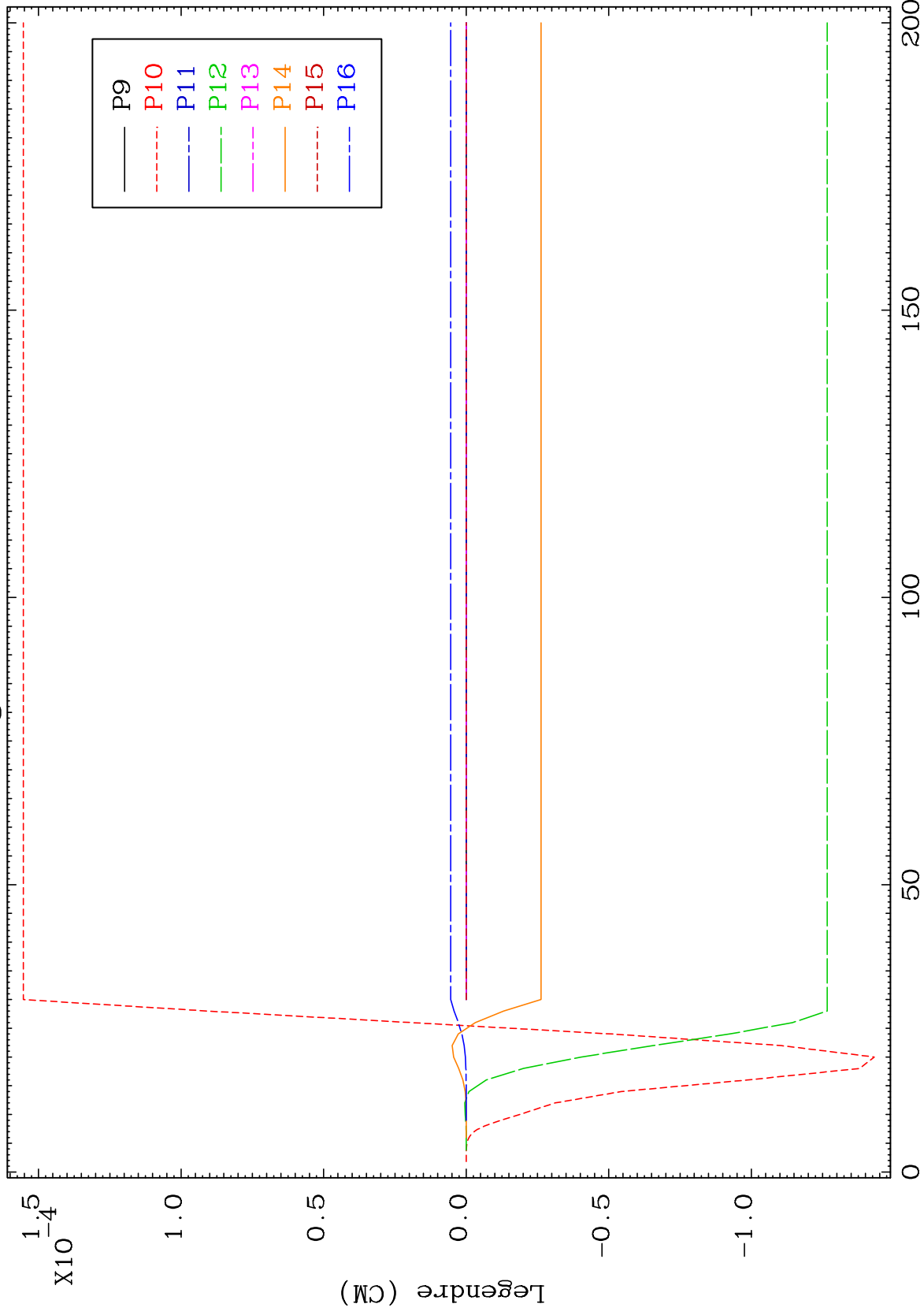
Incident Energy (MeV)

23

MAT 4122

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

41-Nb-92



24

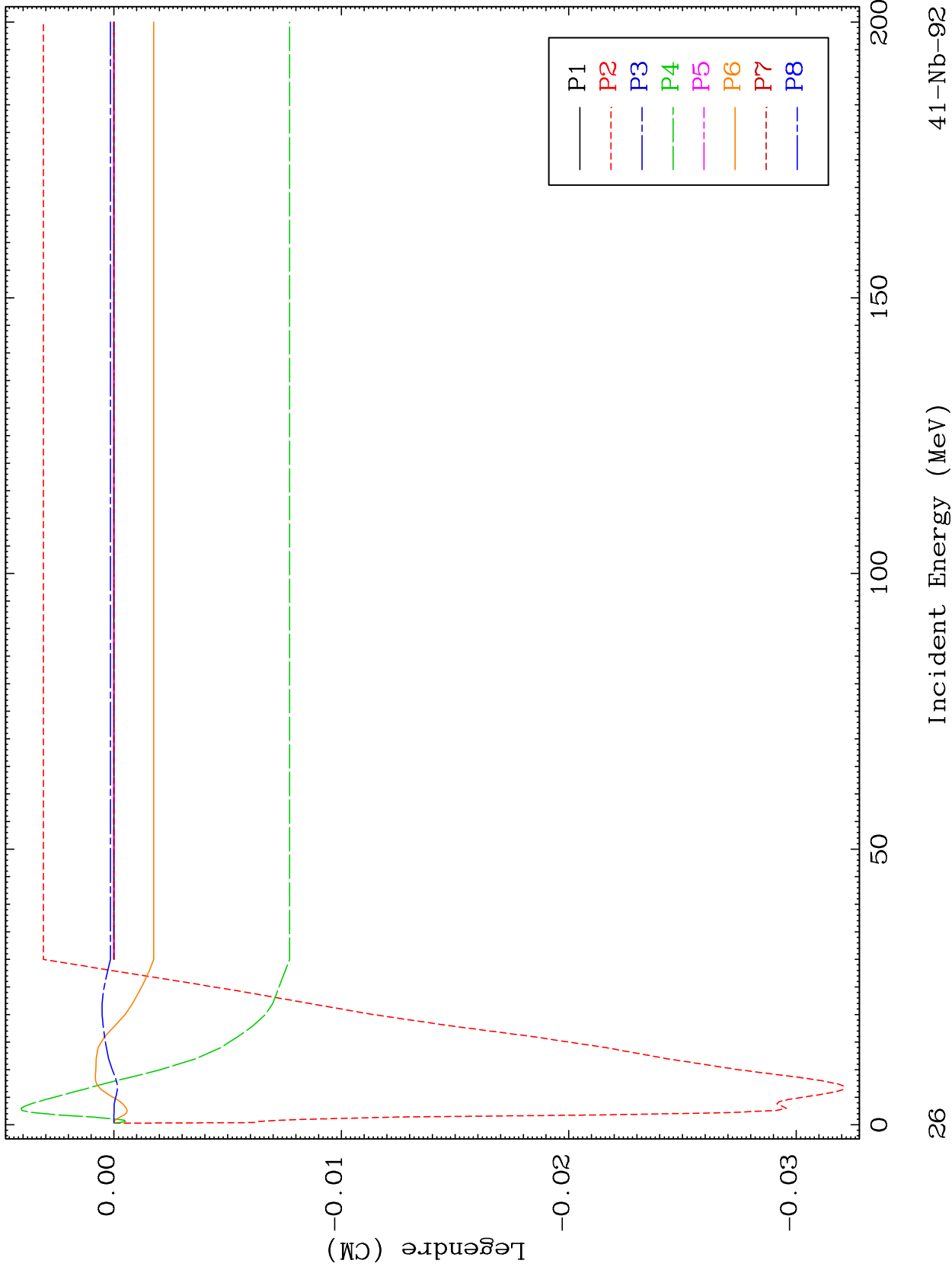
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



41-Nb-92

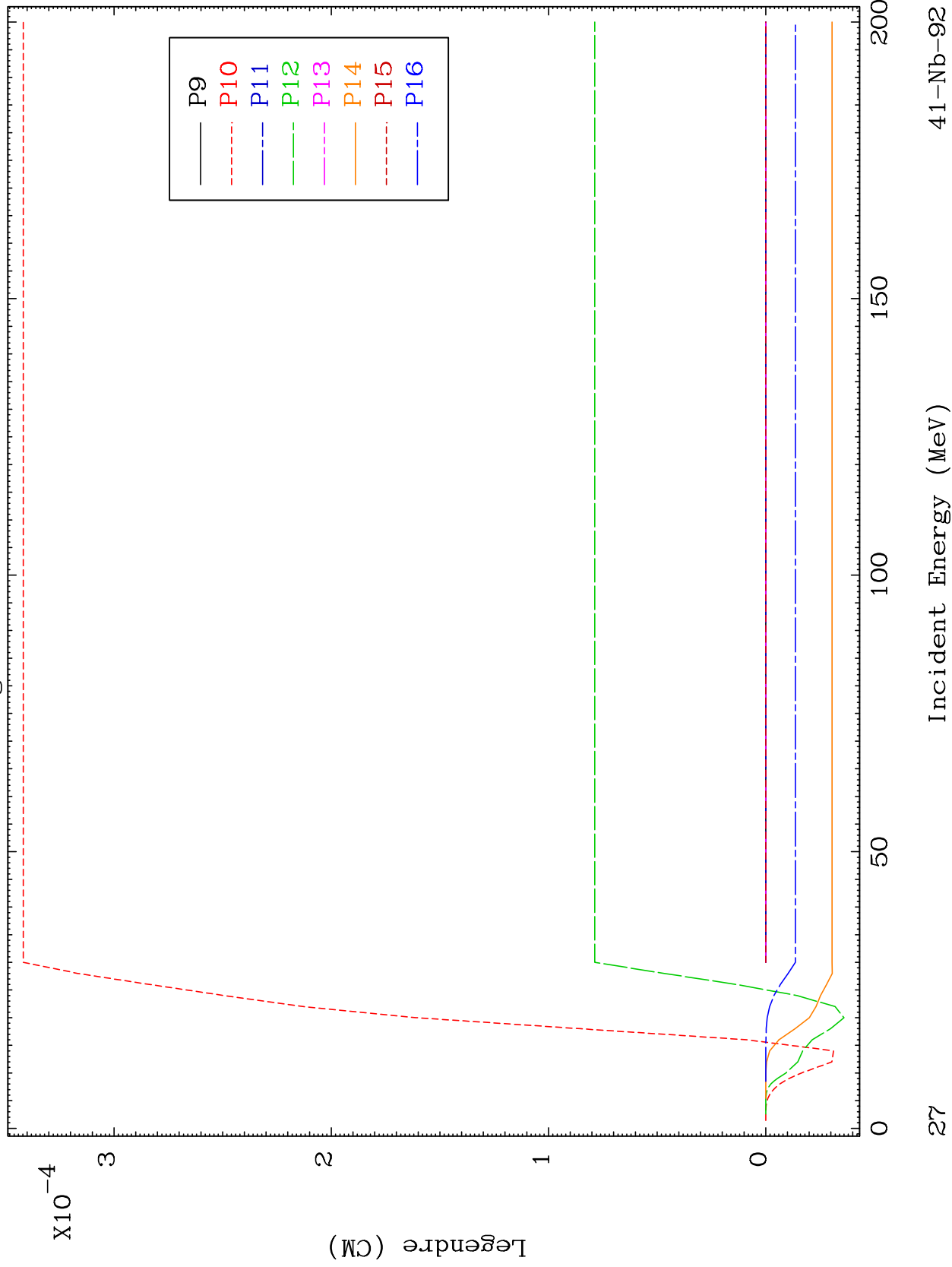
Incident Energy (MeV)

26

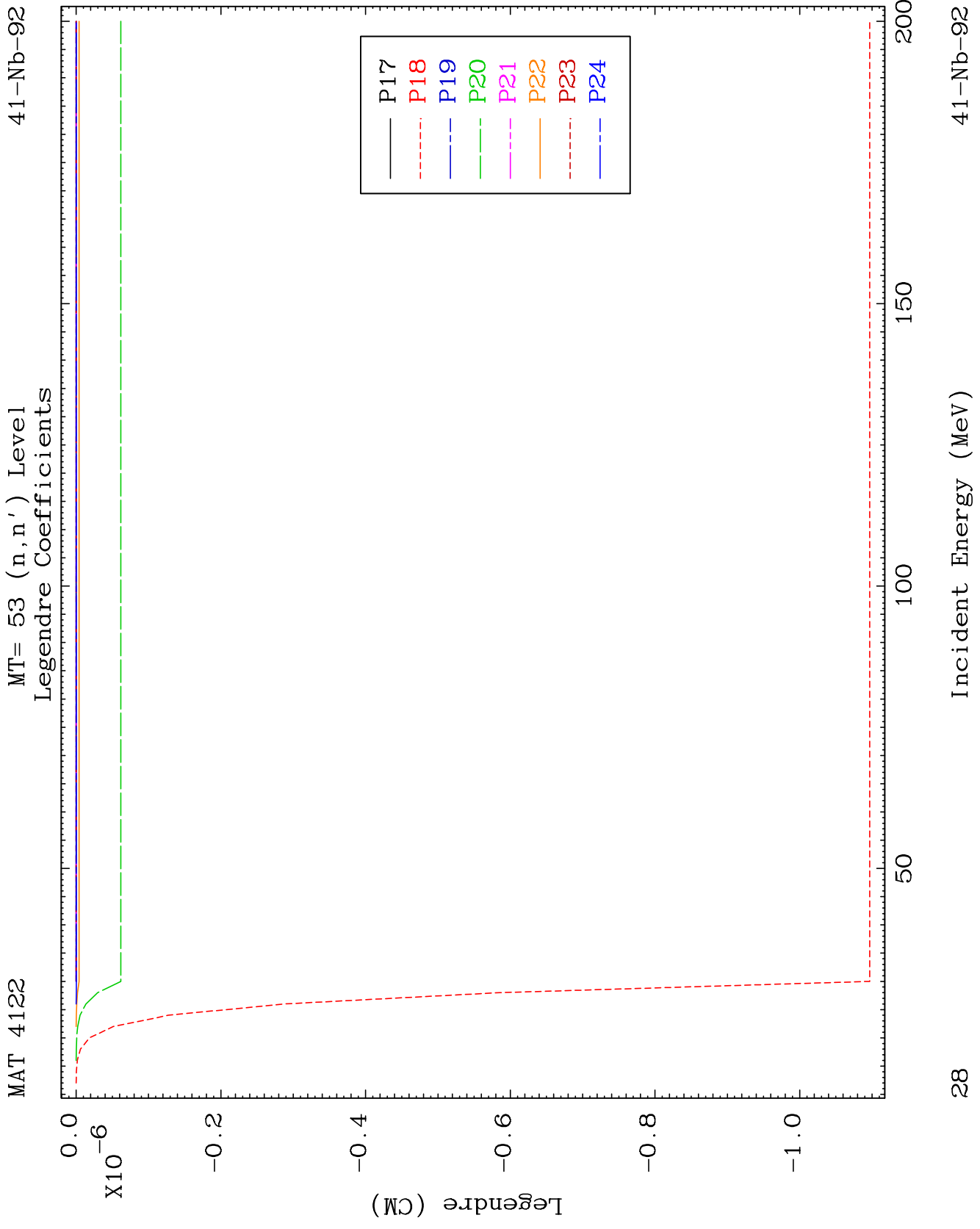
MAT 4122

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

41-Nb-92



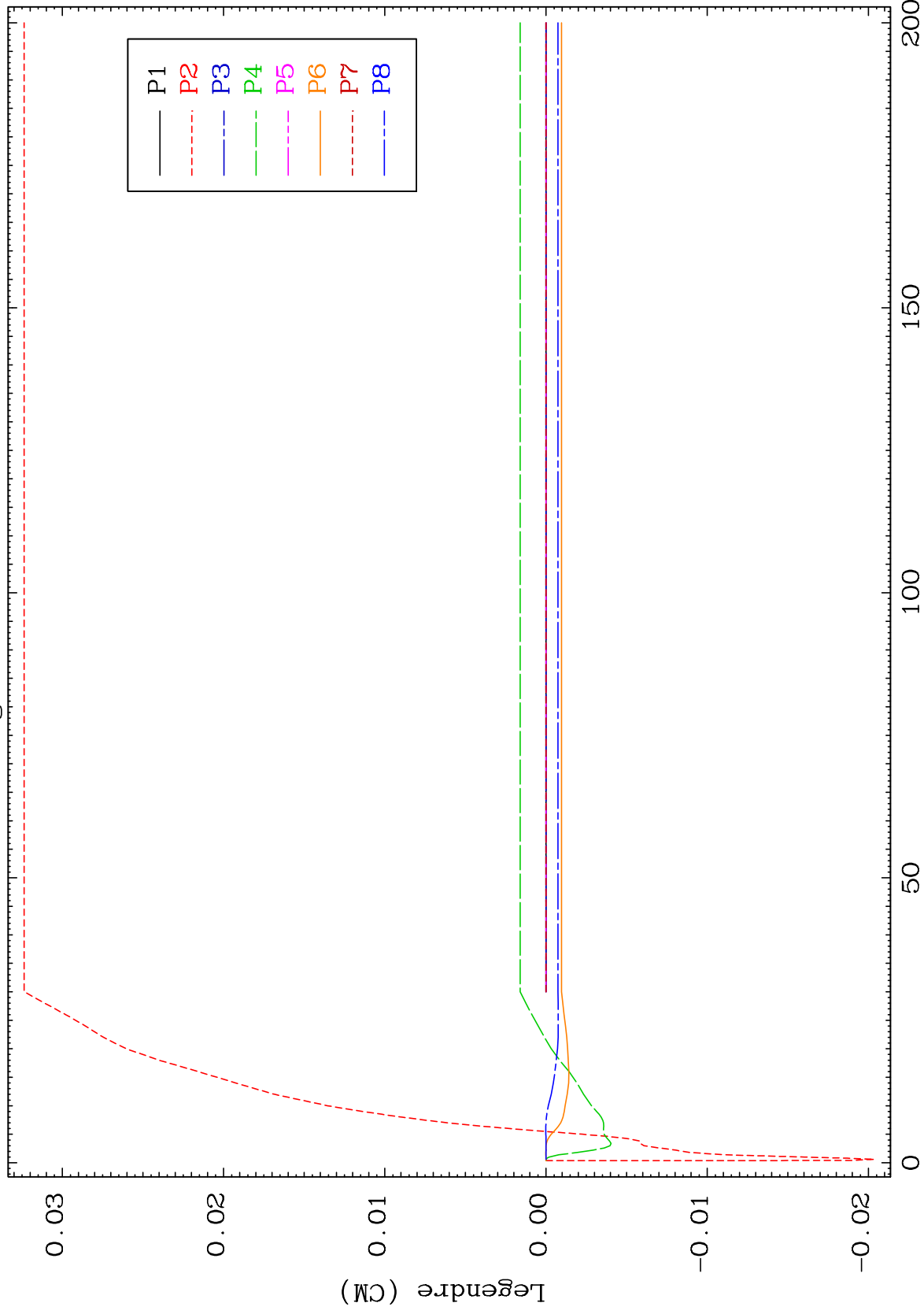
27



MAT 4122

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

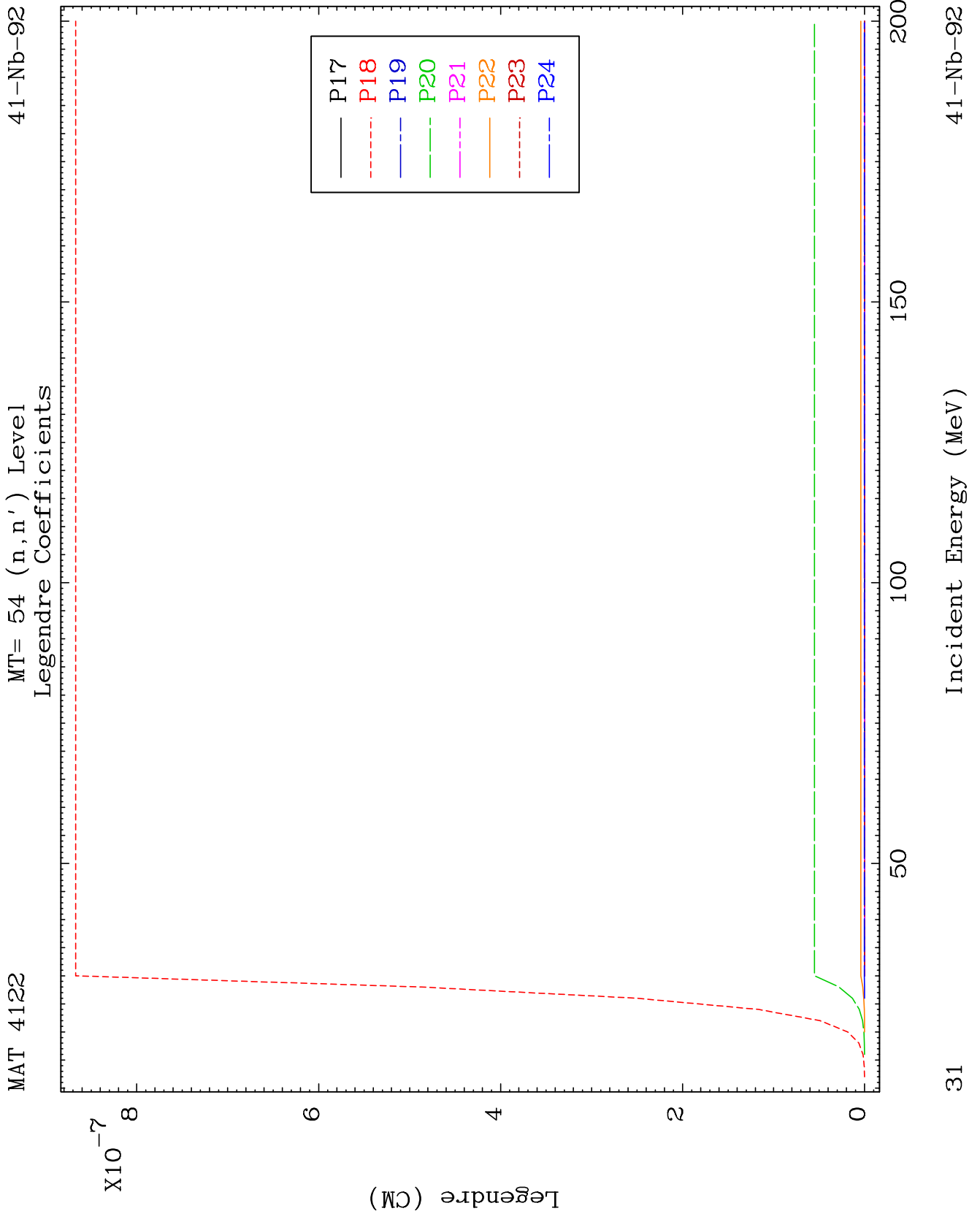
41-Nb-92



29

Incident Energy (MeV)

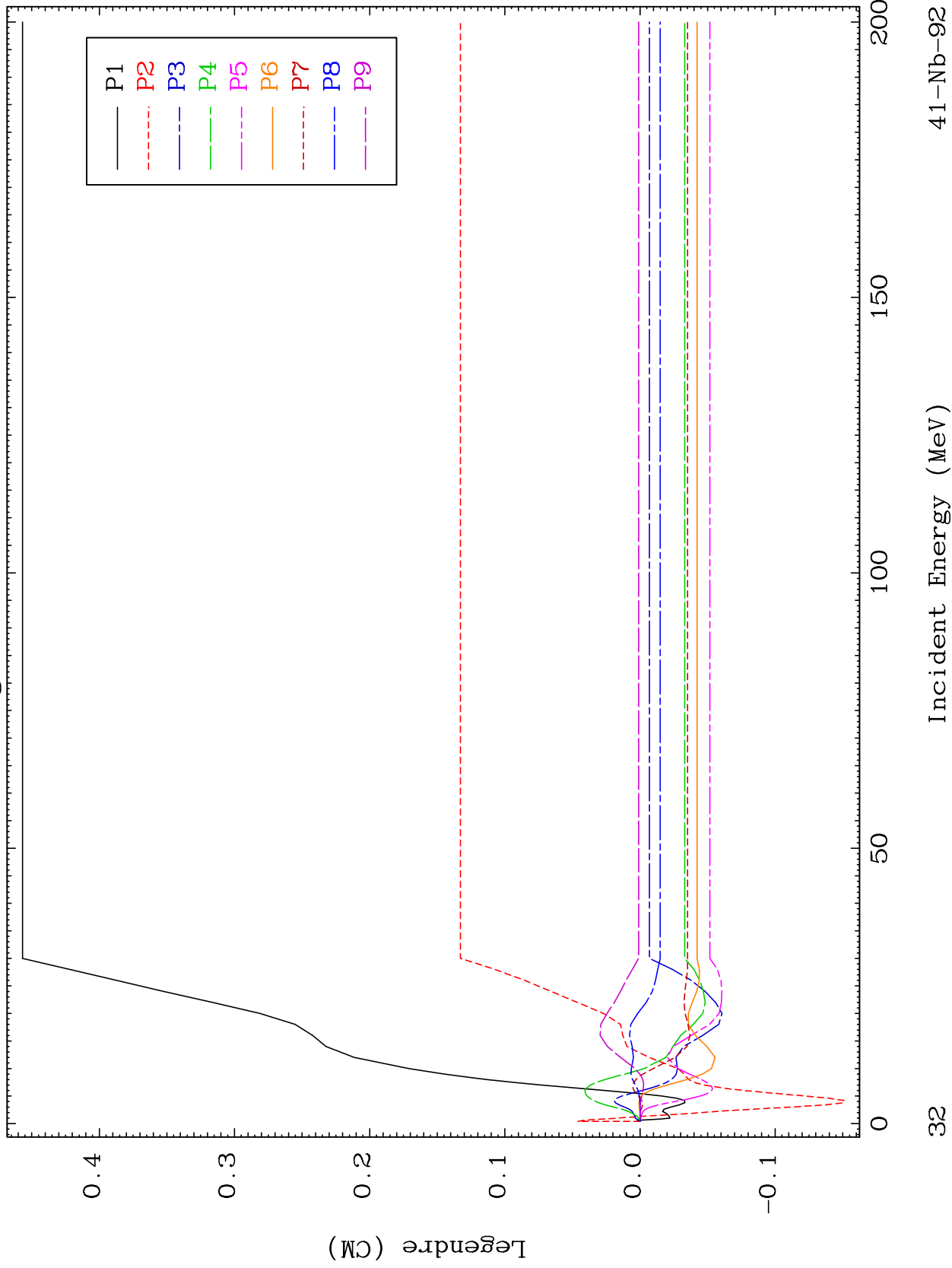
41-Nb-92



MAT 4122

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

41-Nb-92



41-Nb-92

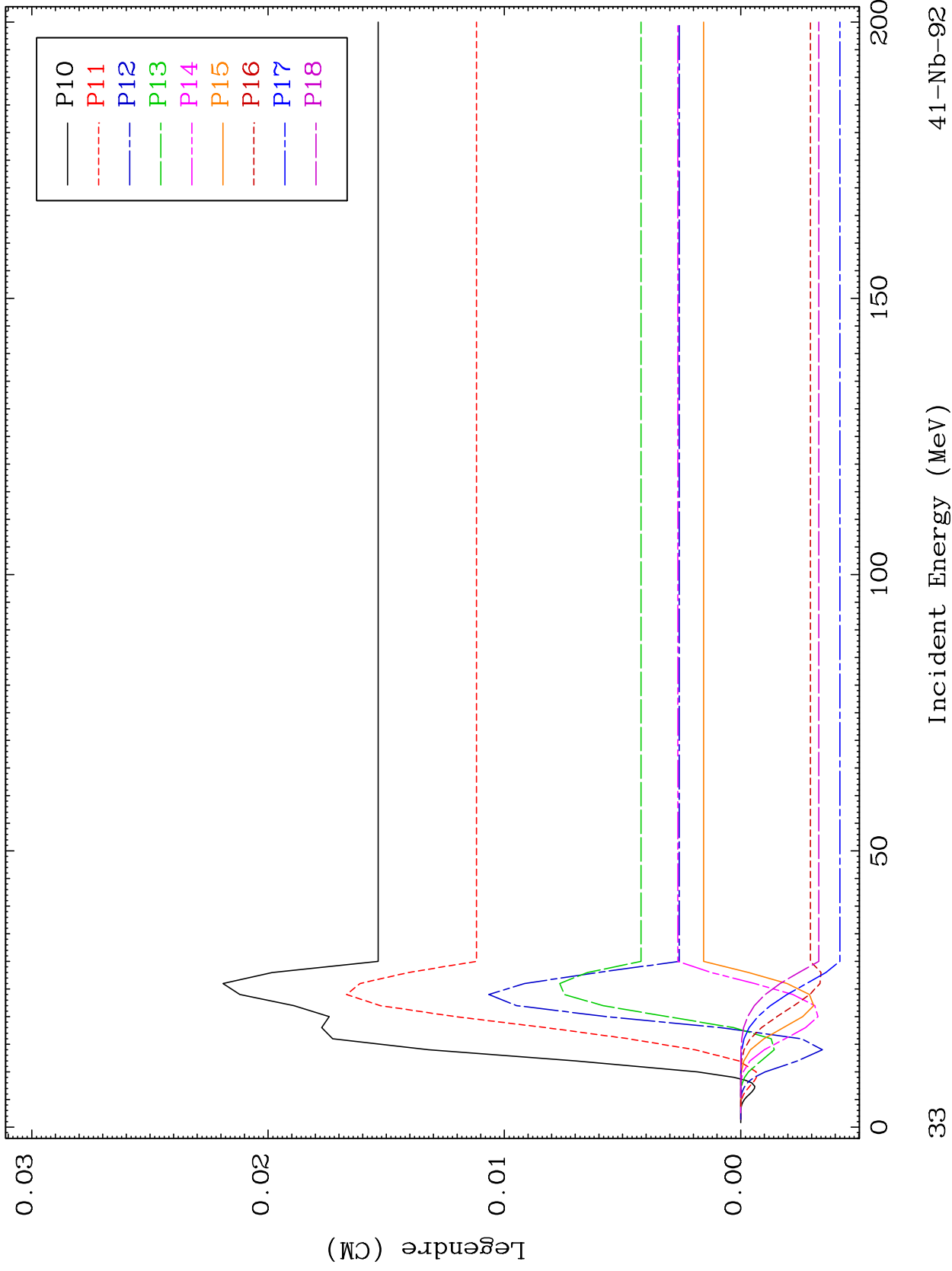
Incident Energy (MeV)

32

MAT 4122

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

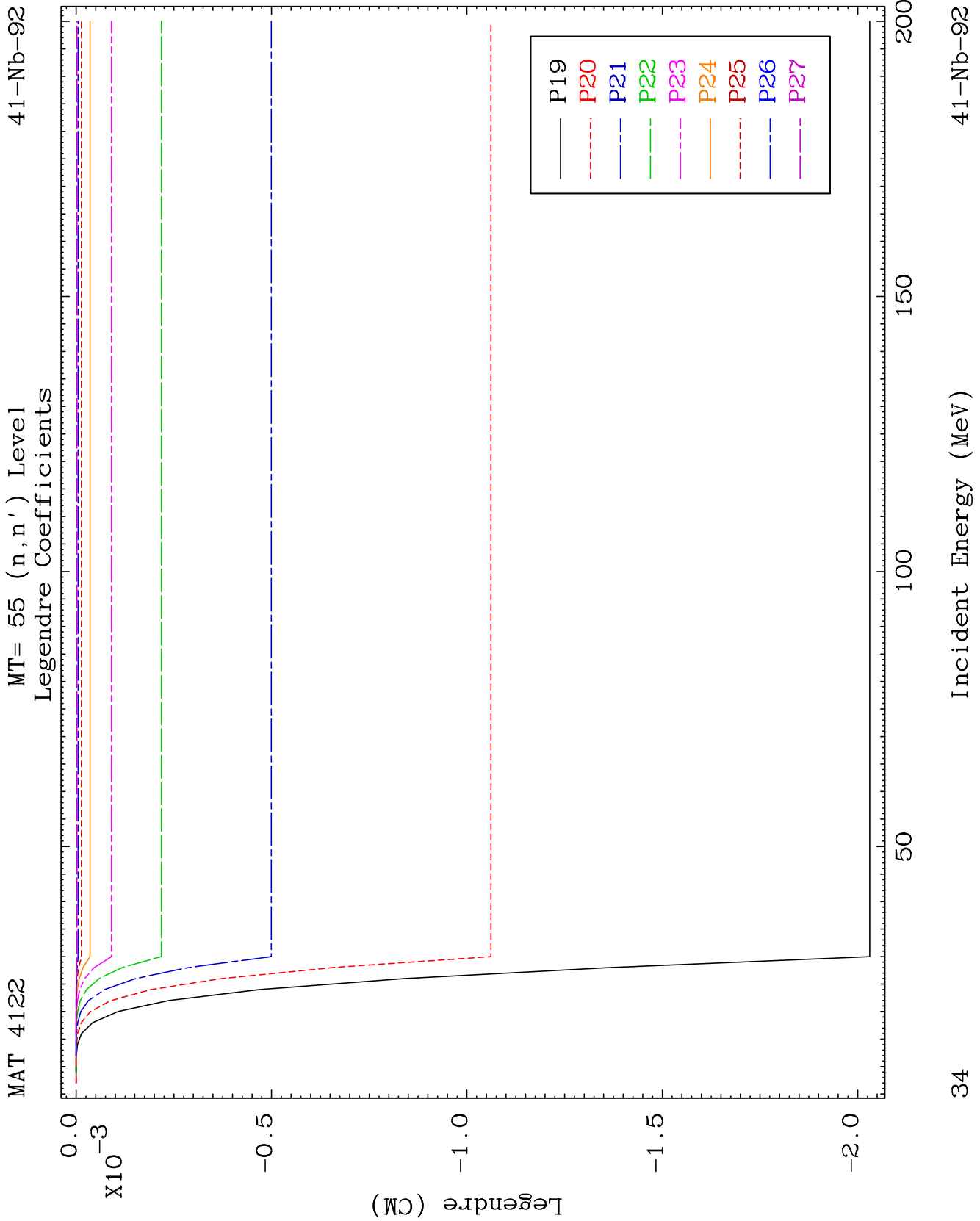
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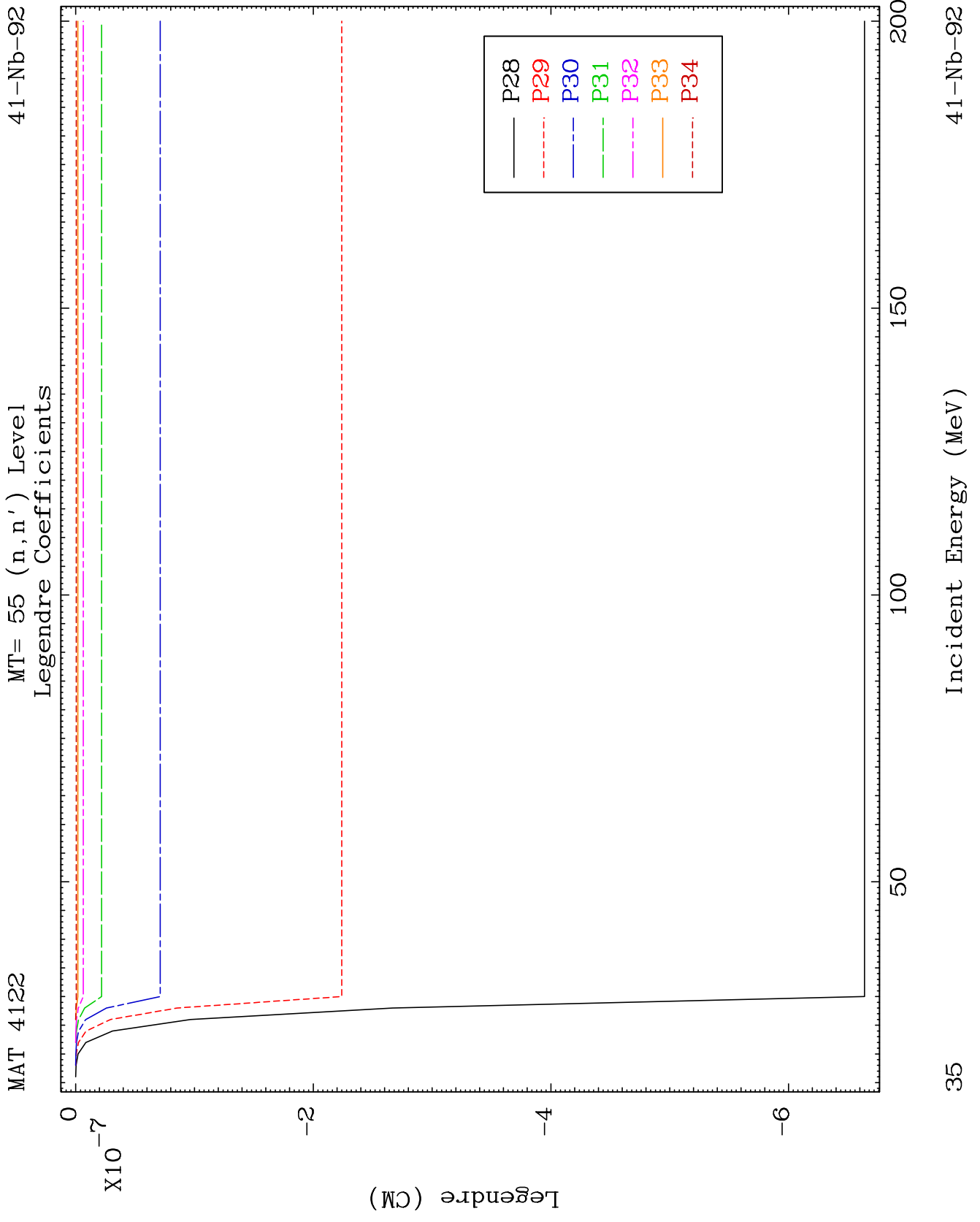


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Incident Energy (MeV)

41-Nb-92

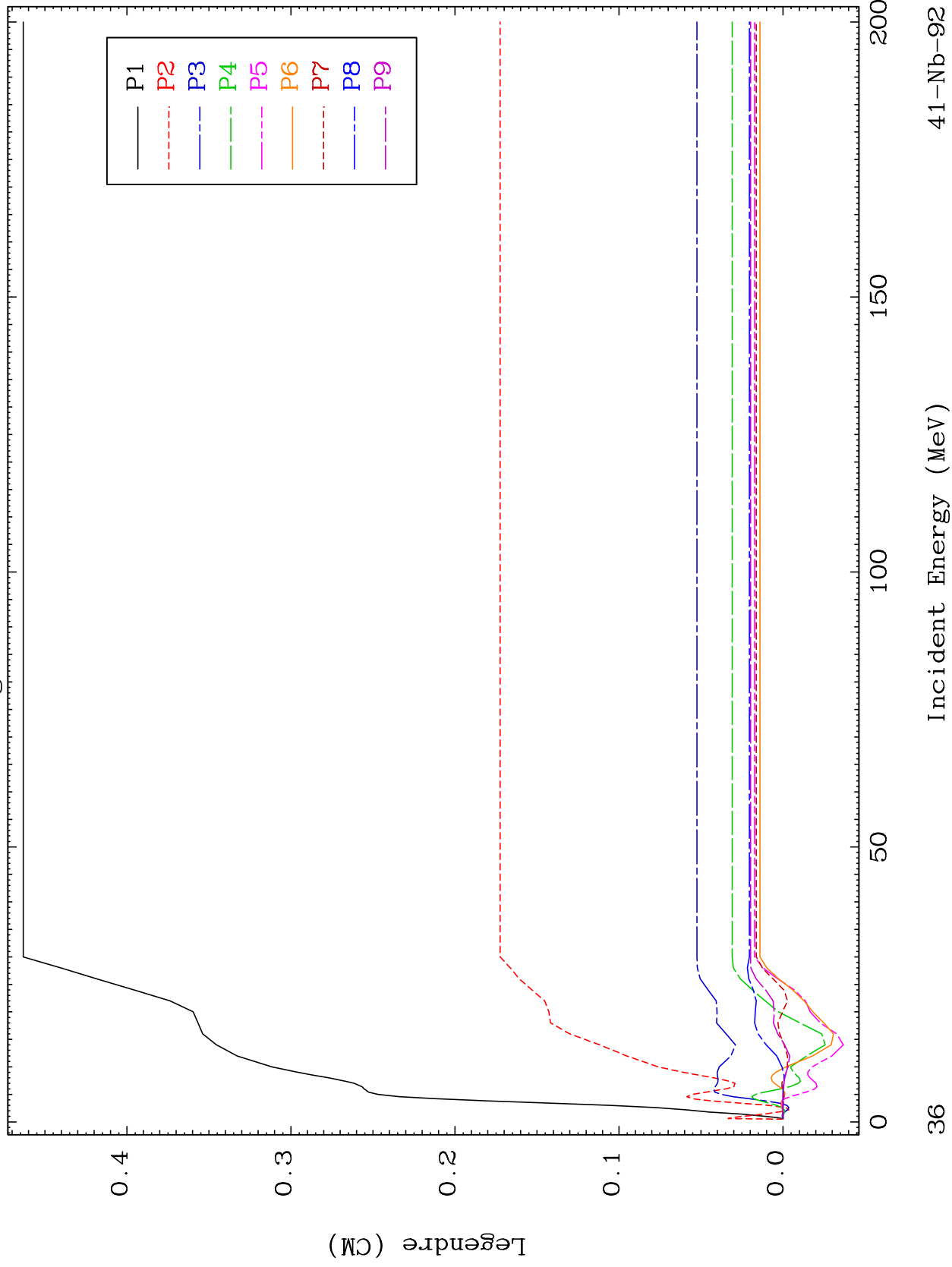




MAT 4122

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

41-Nb-92



41-Nb-92

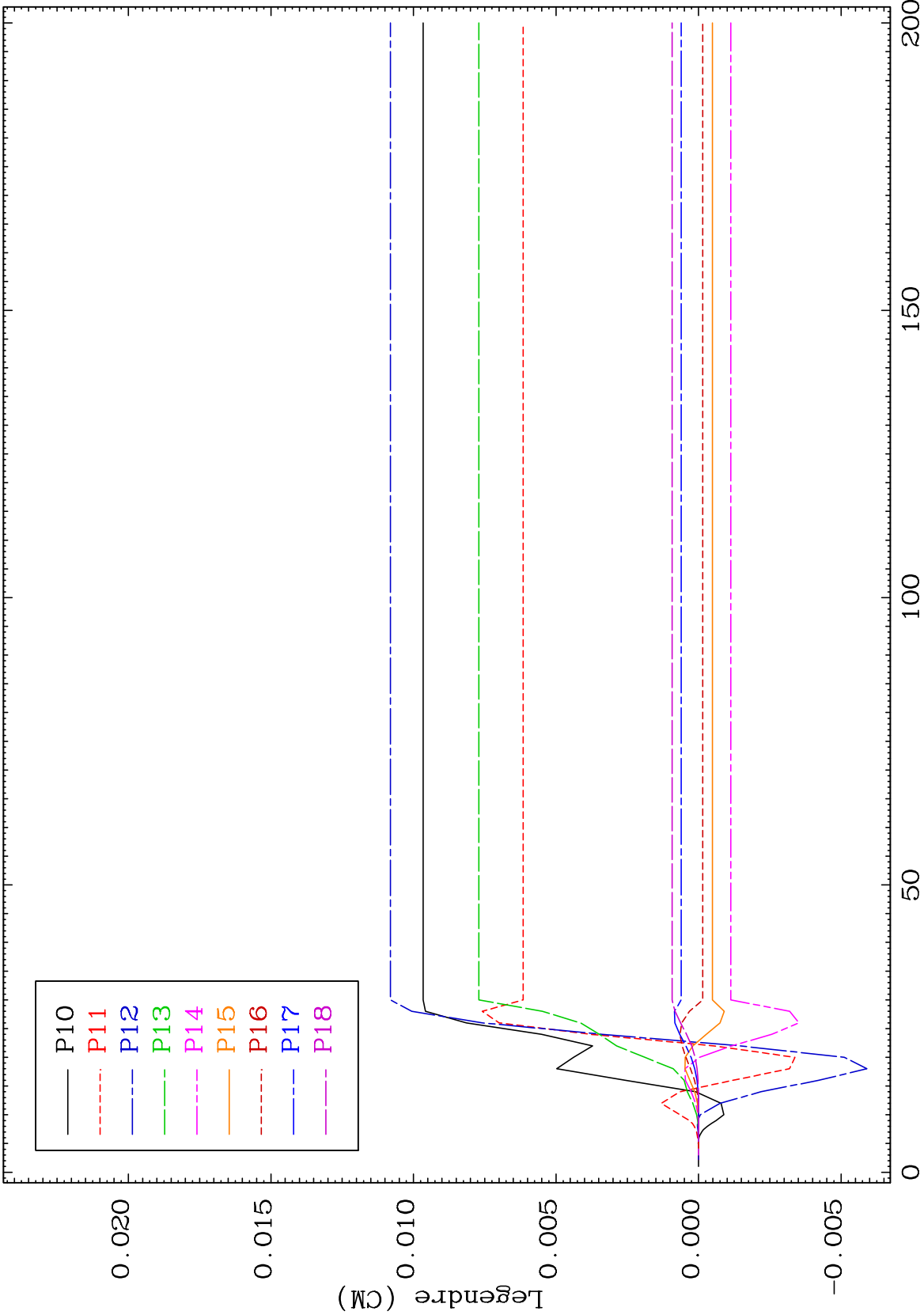
Incident Energy (MeV)

36

MAT 4122

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

41-Nb-92



37

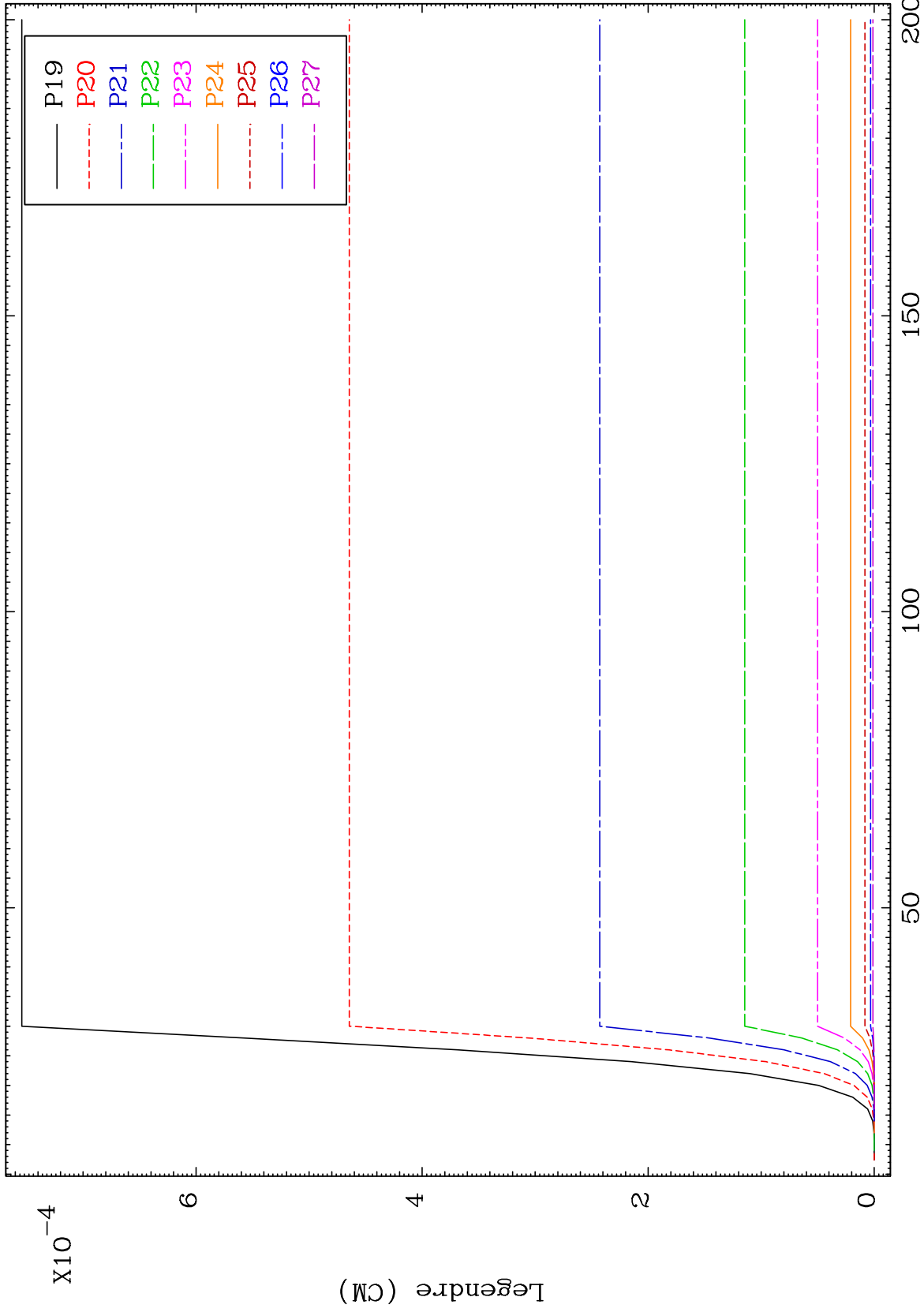
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



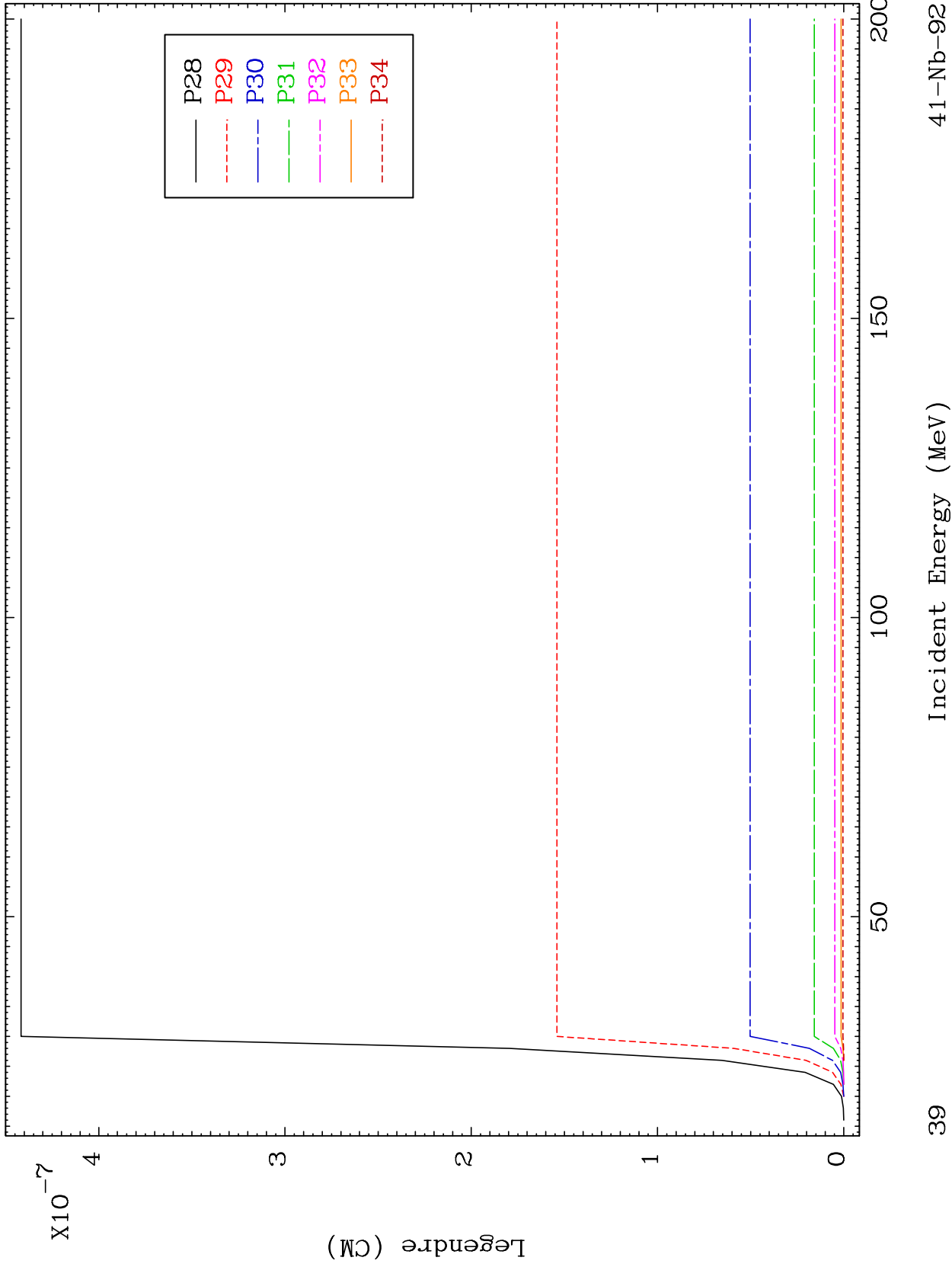
38

41-Nb-92

MAT 4122

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

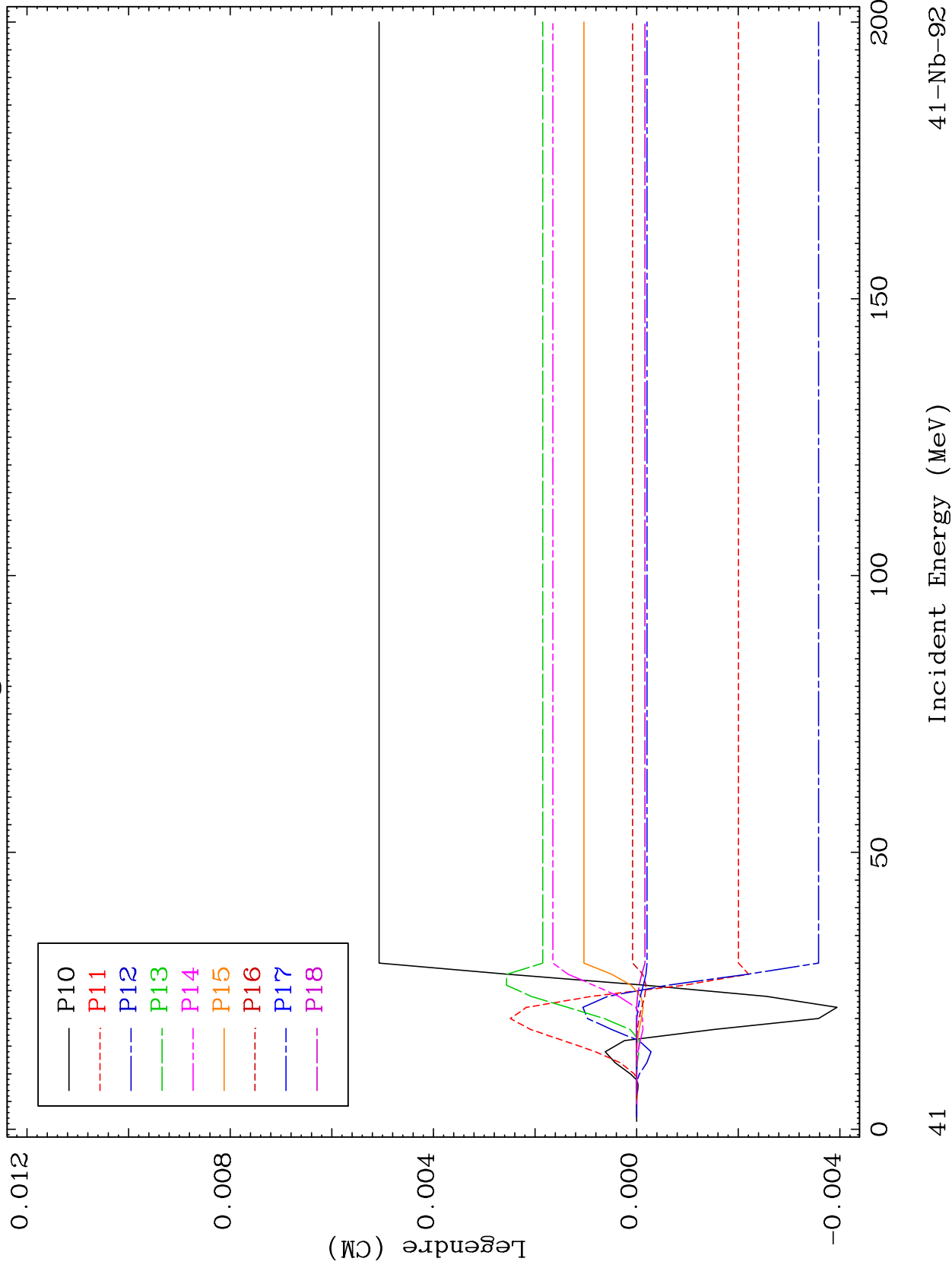
41-Nb-92



MAT 4122

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

41-Nb-92



41

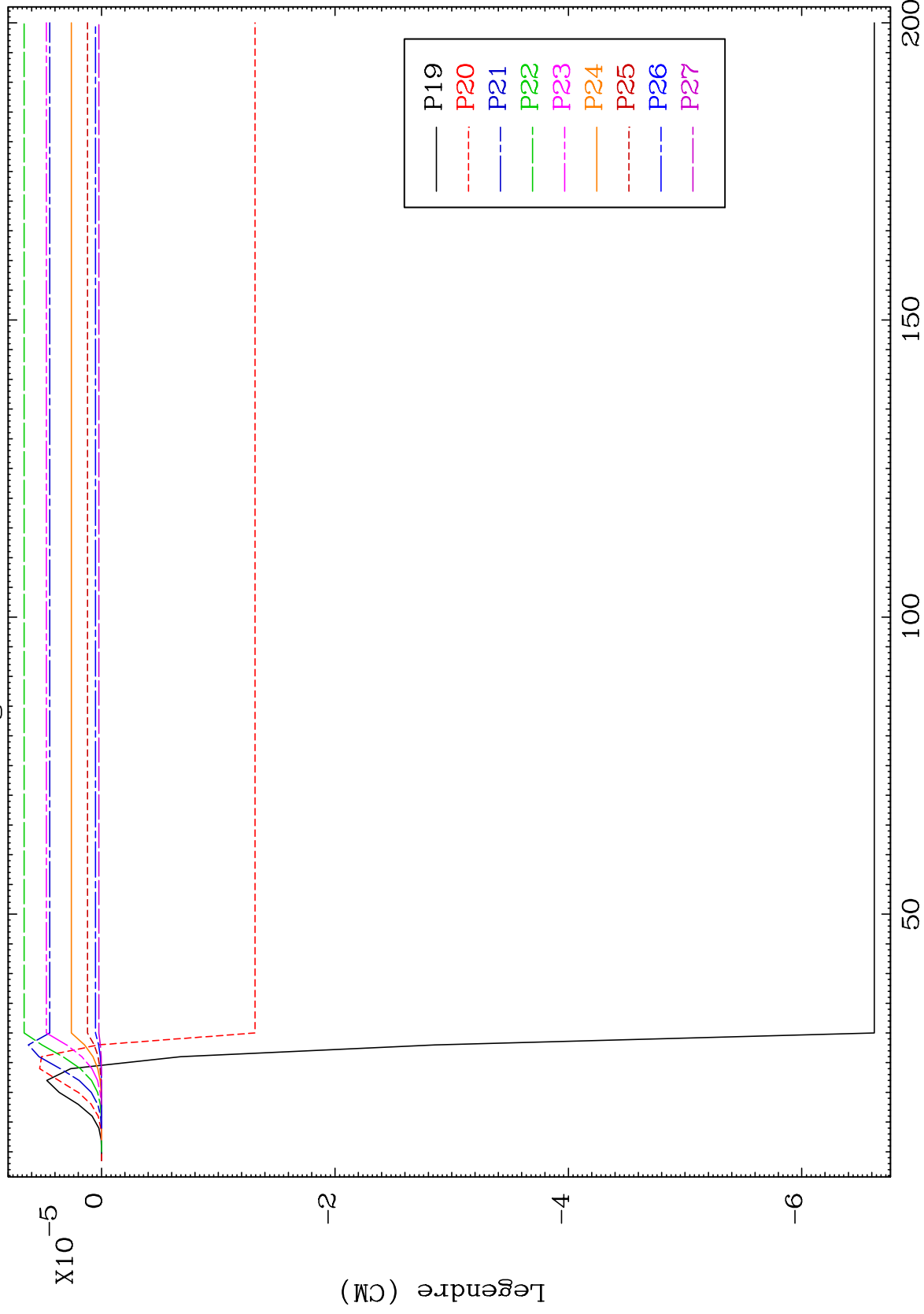
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



42

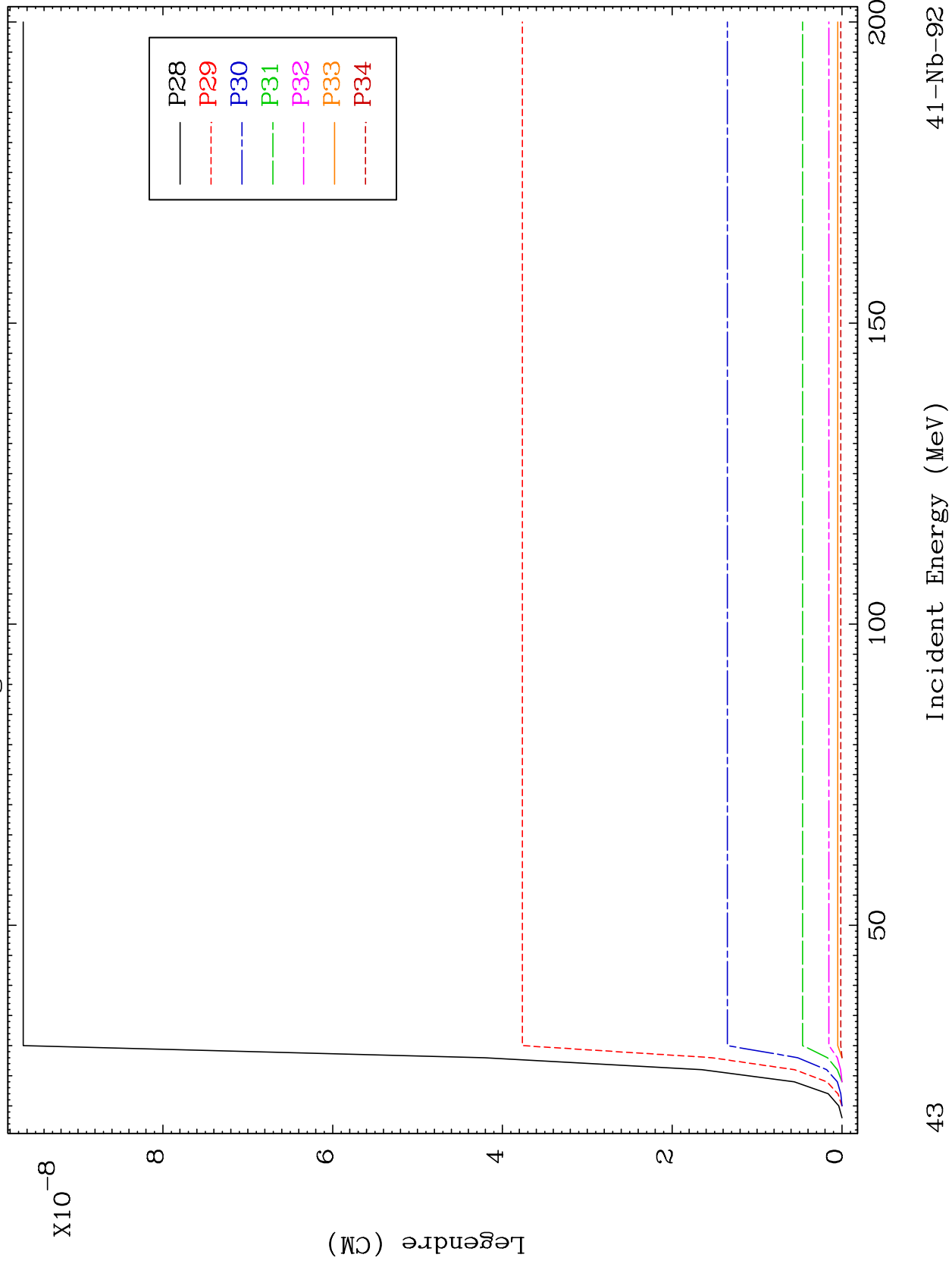
Incident Energy (MeV)

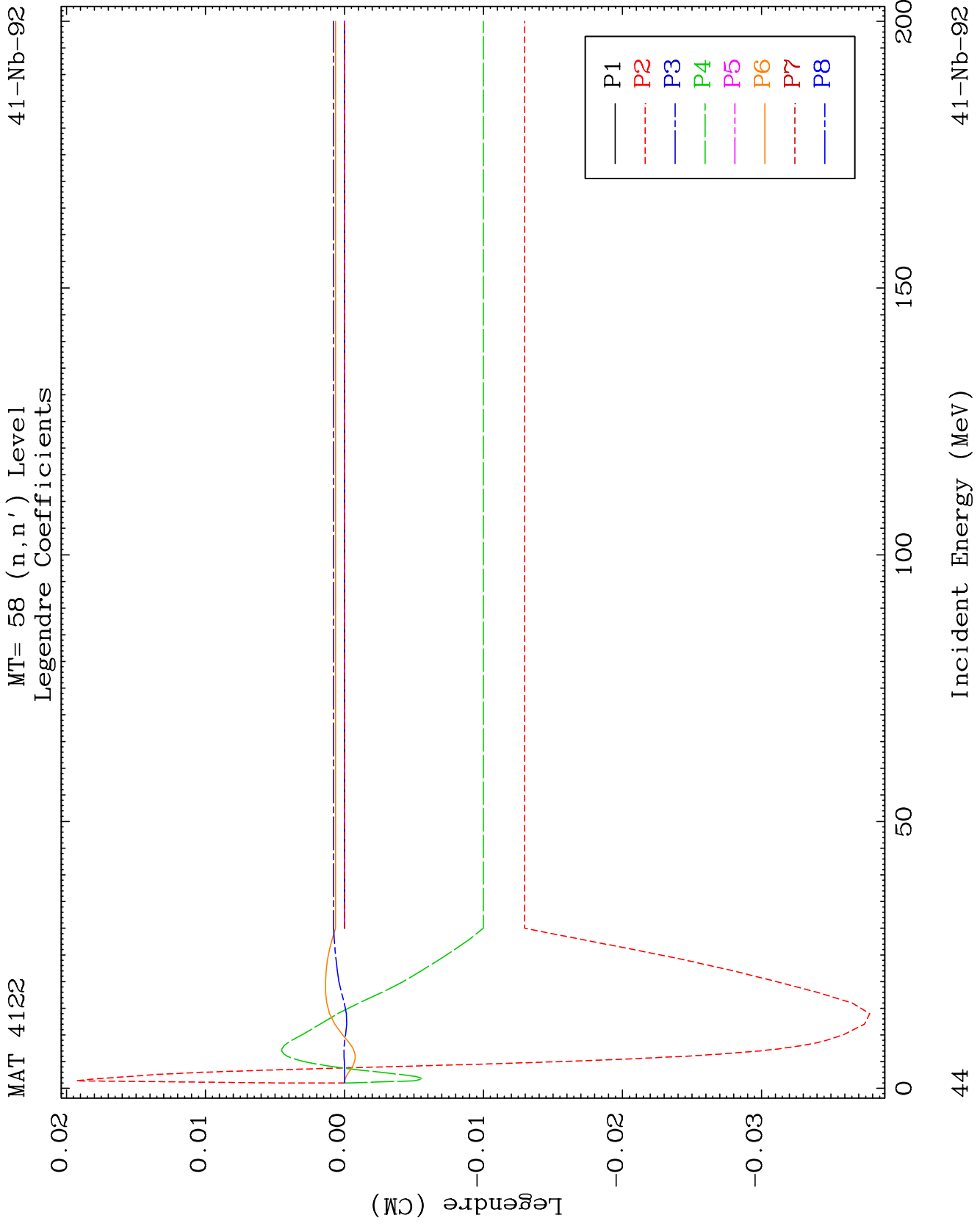
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MAT 4122

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

41-Nb-92

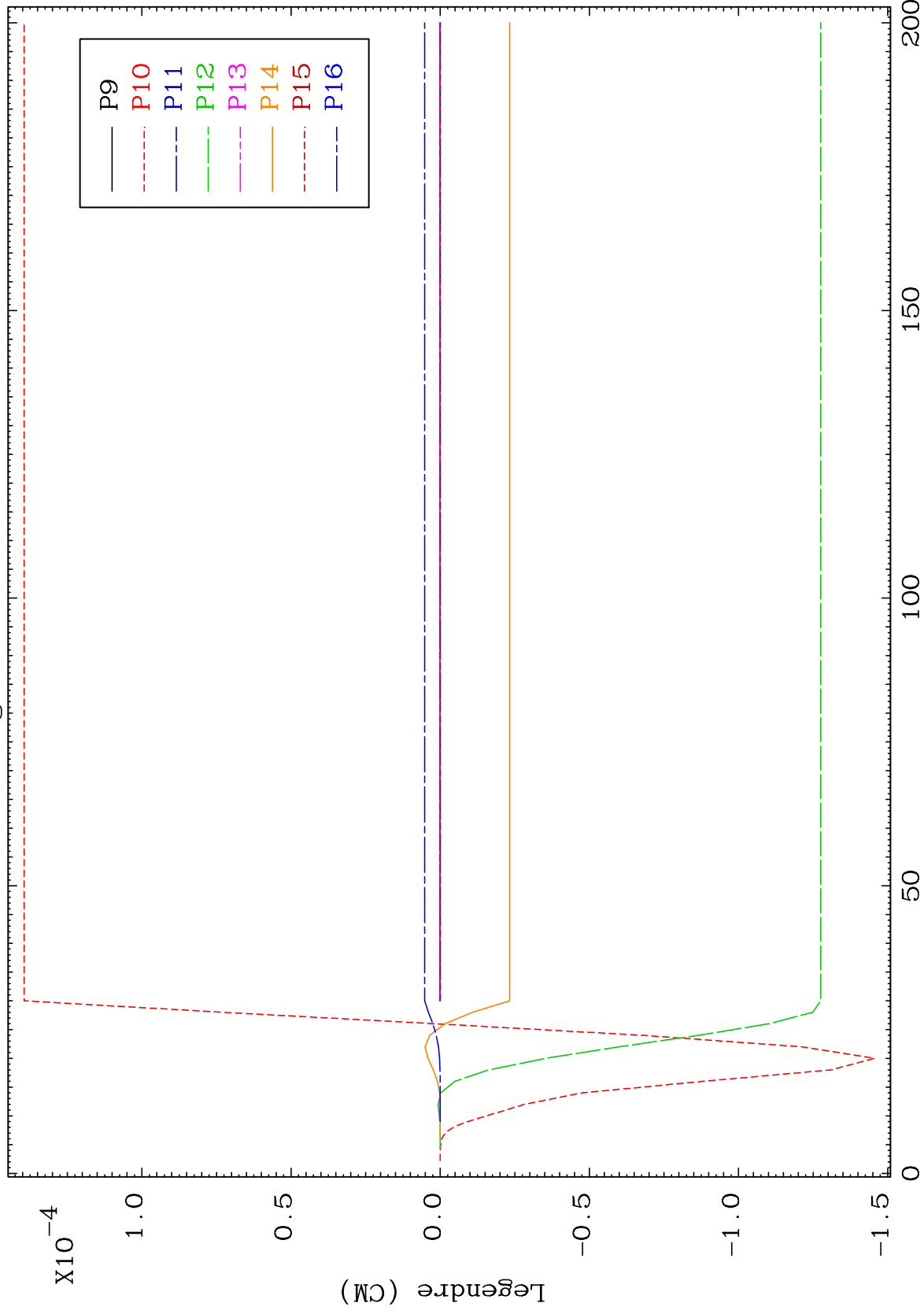




MAT 4122

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

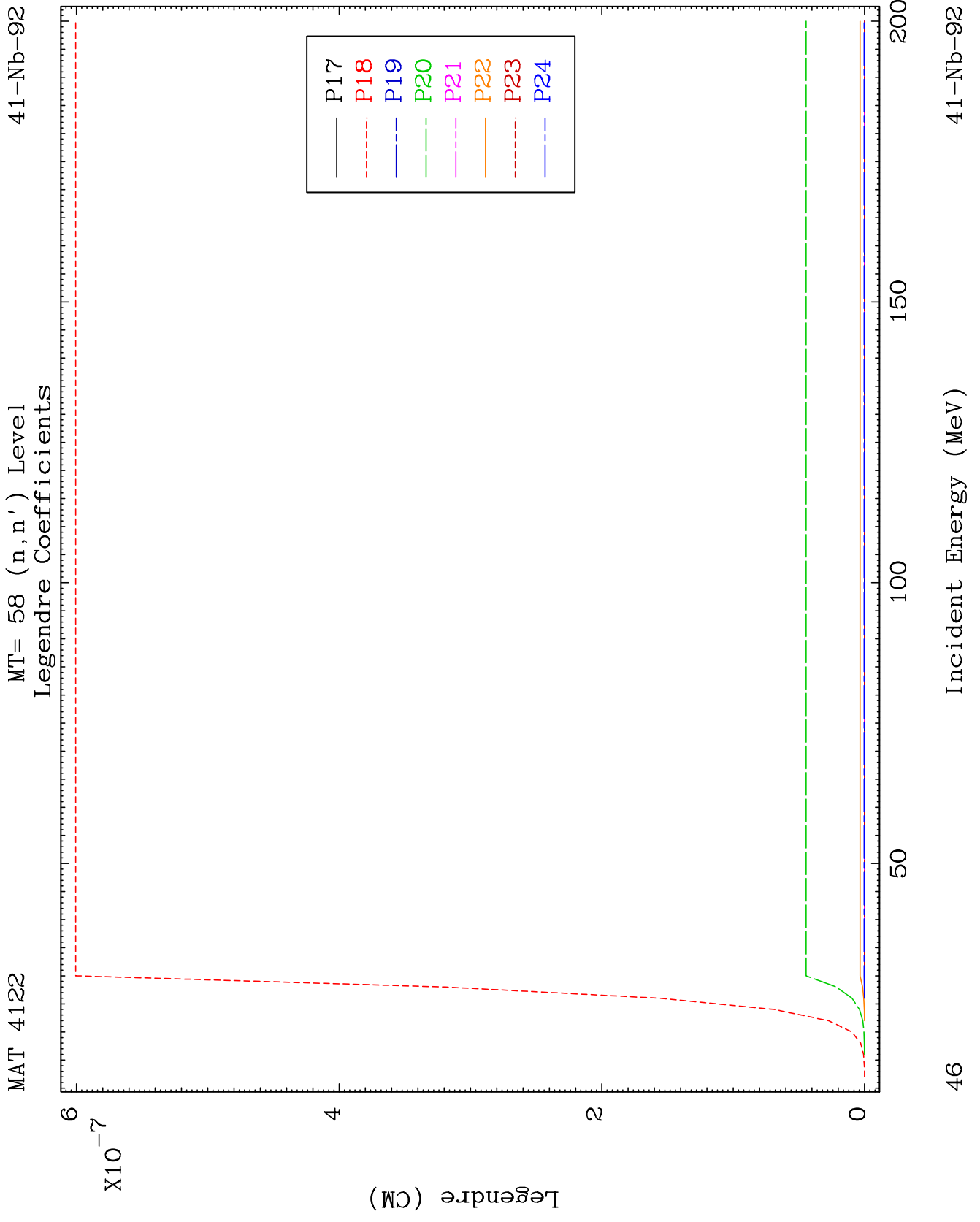
41-Nb-92



45

Incident Energy (MeV)

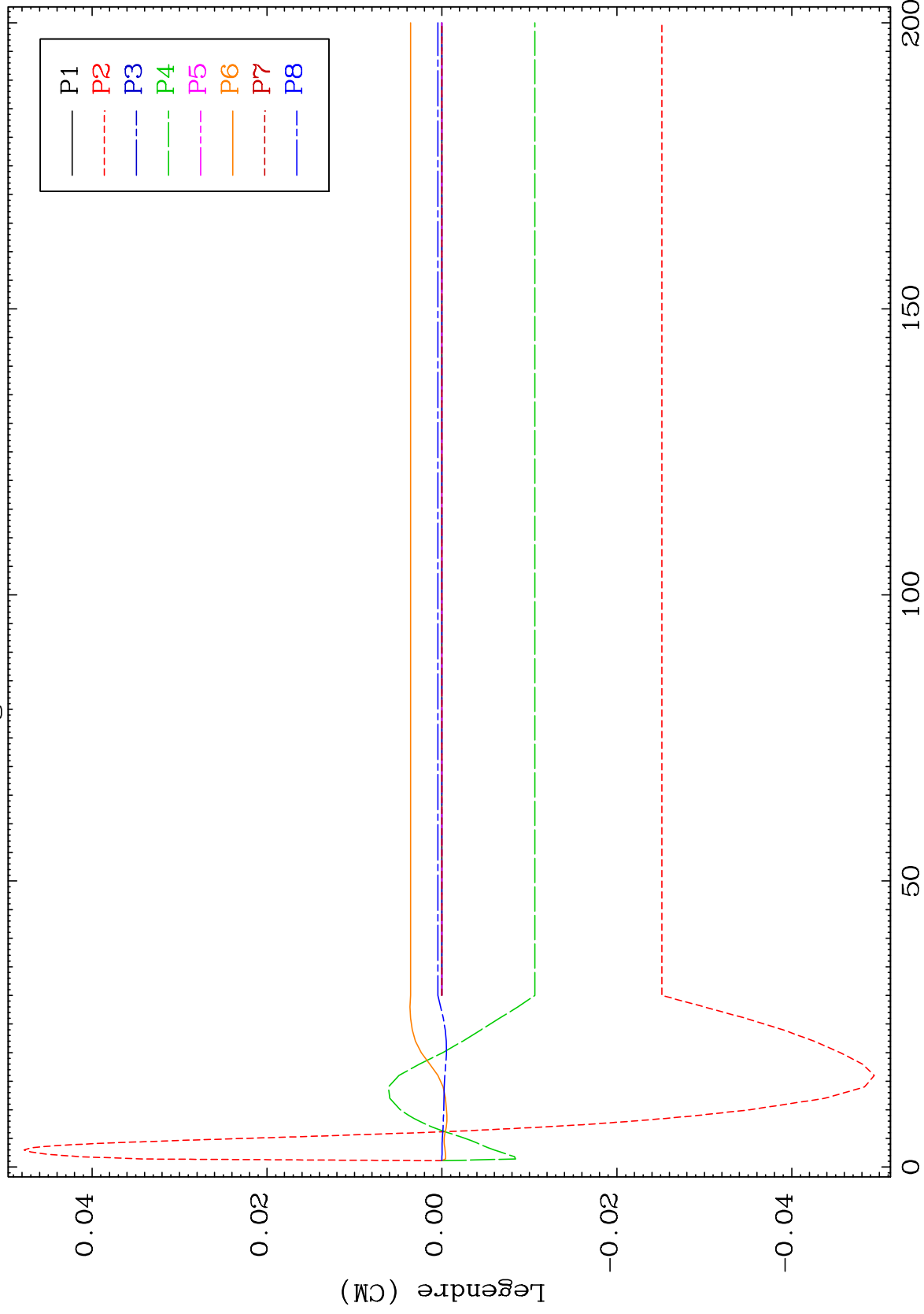
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MAT 4122

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

41-Nb-92



47

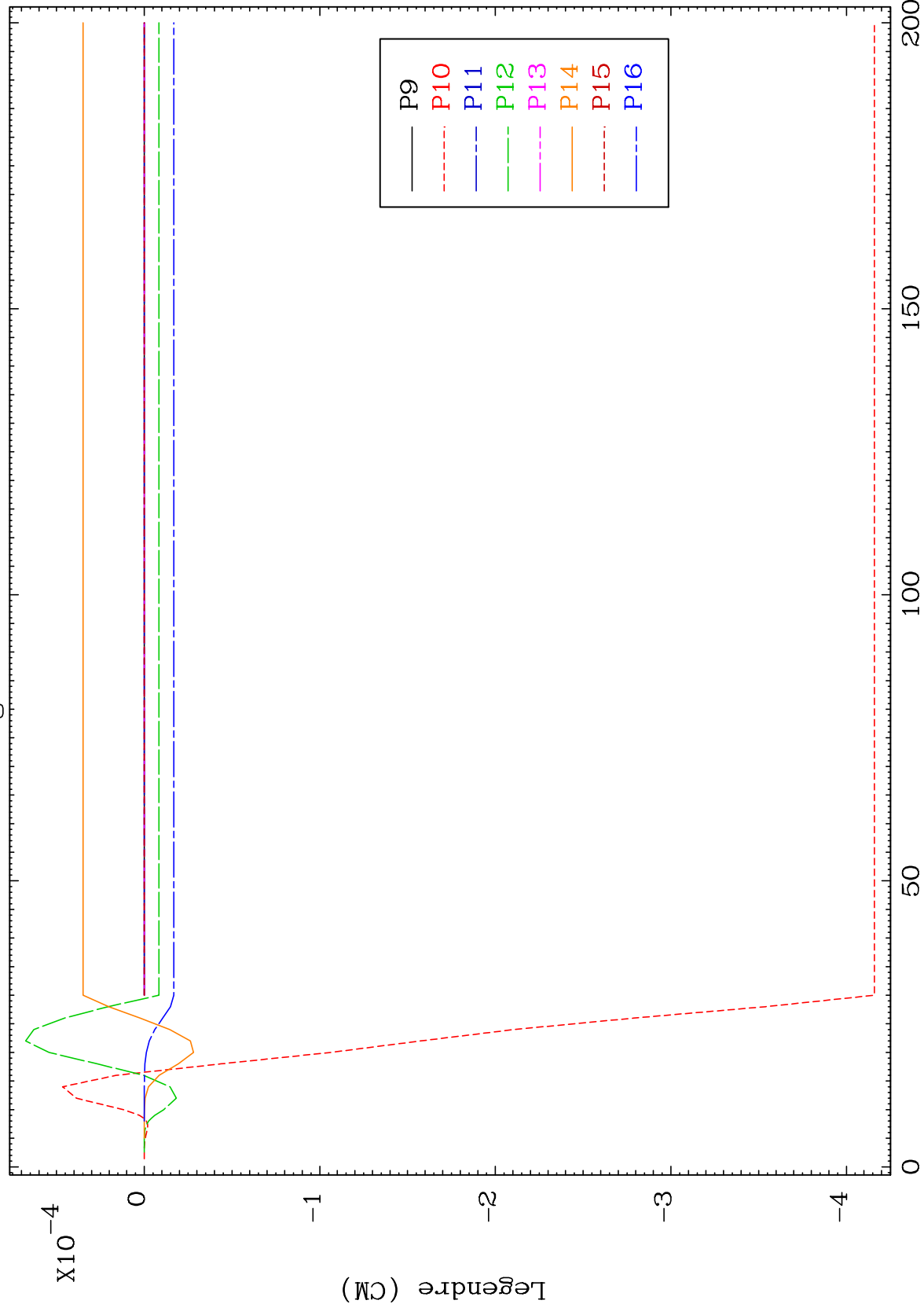
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

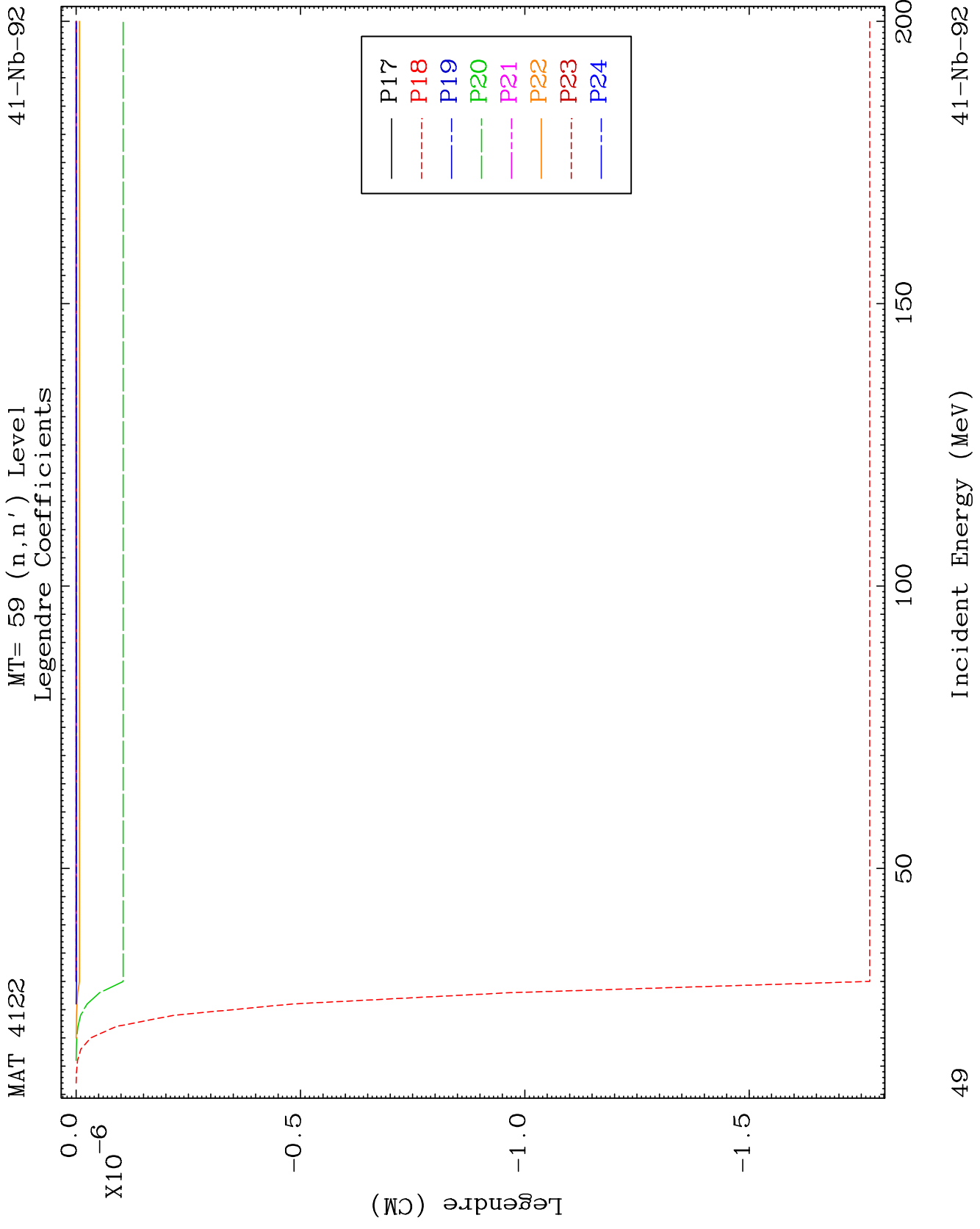
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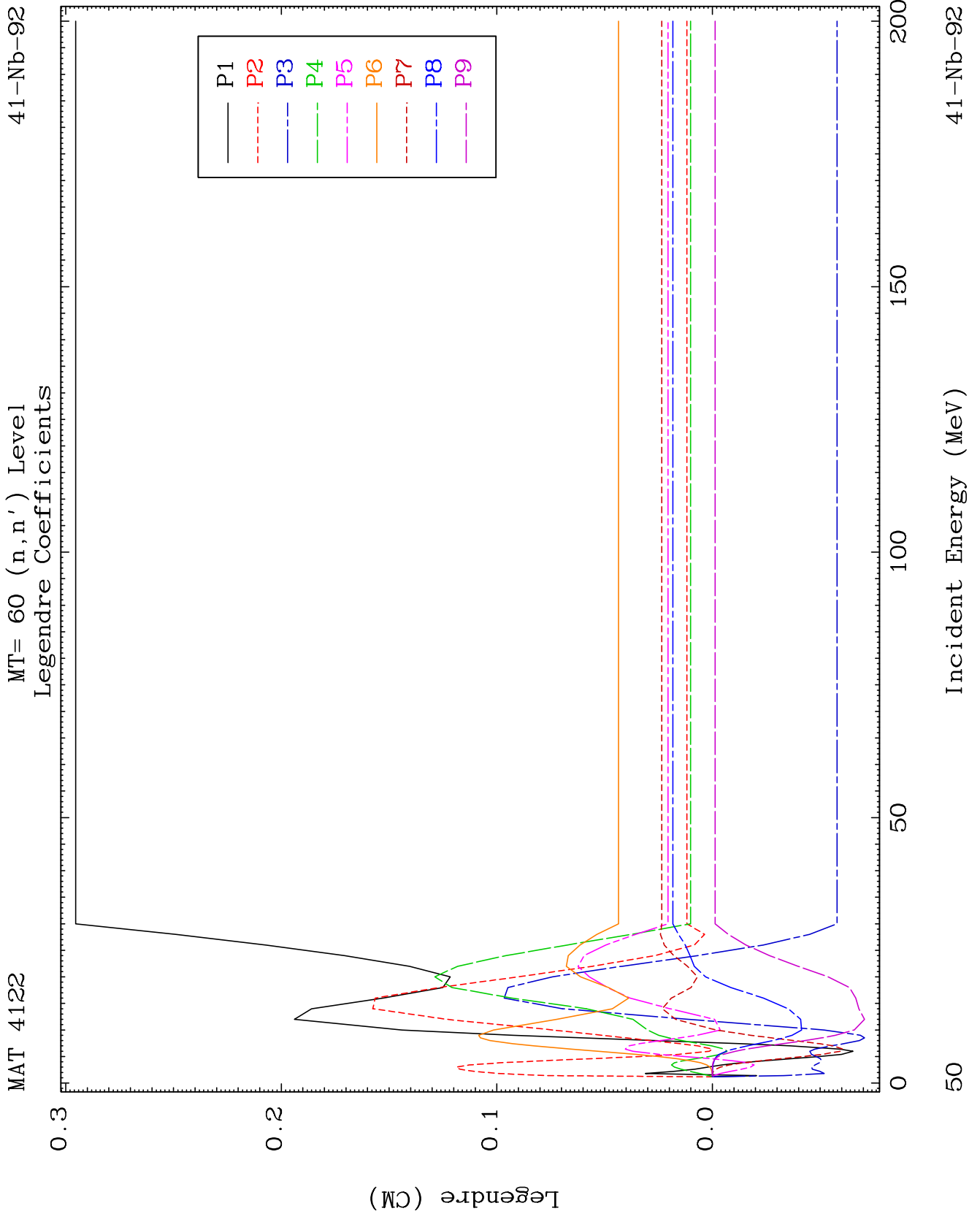


48

Incident Energy (MeV)

41-Nb-92

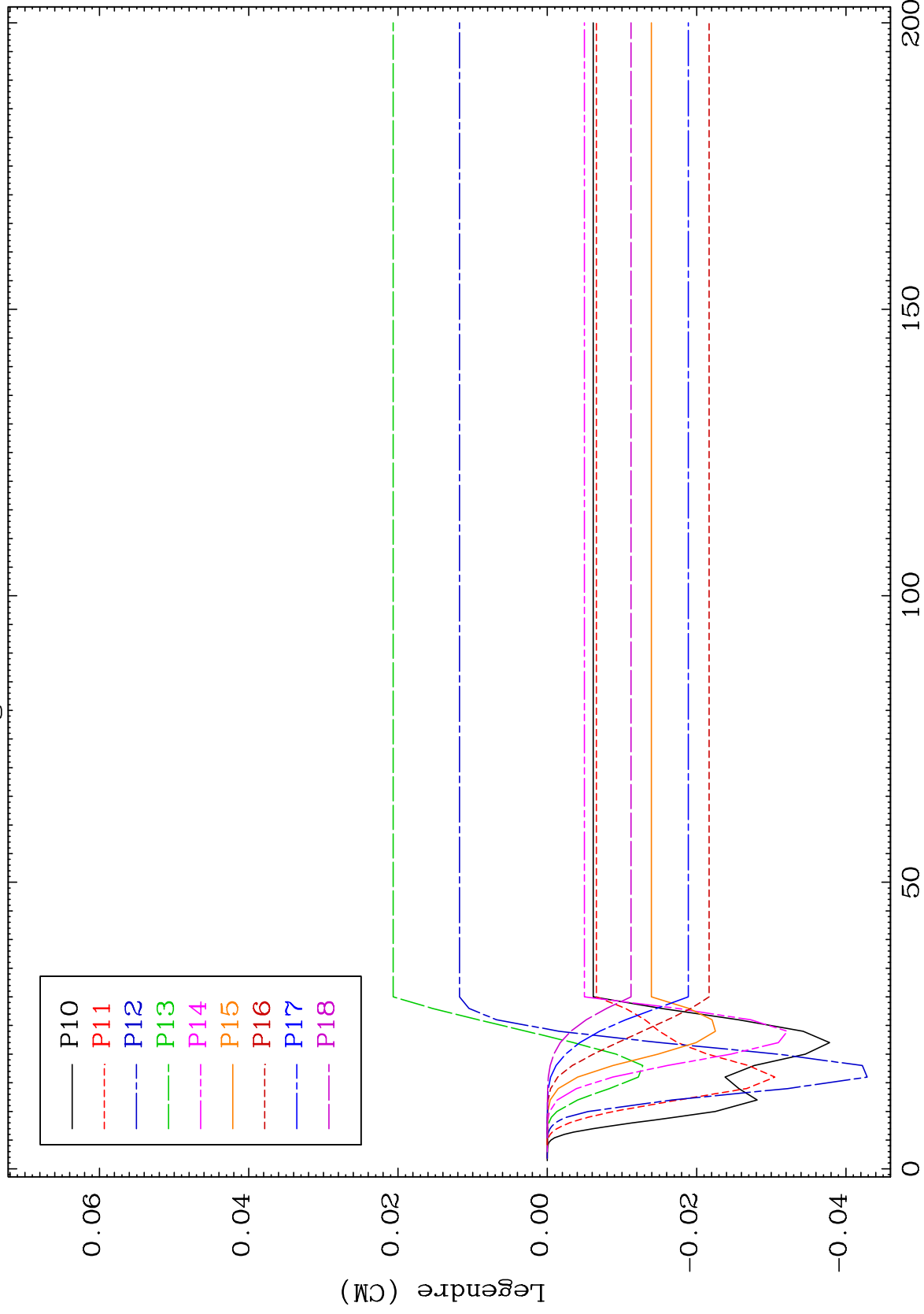




MAT 4122

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

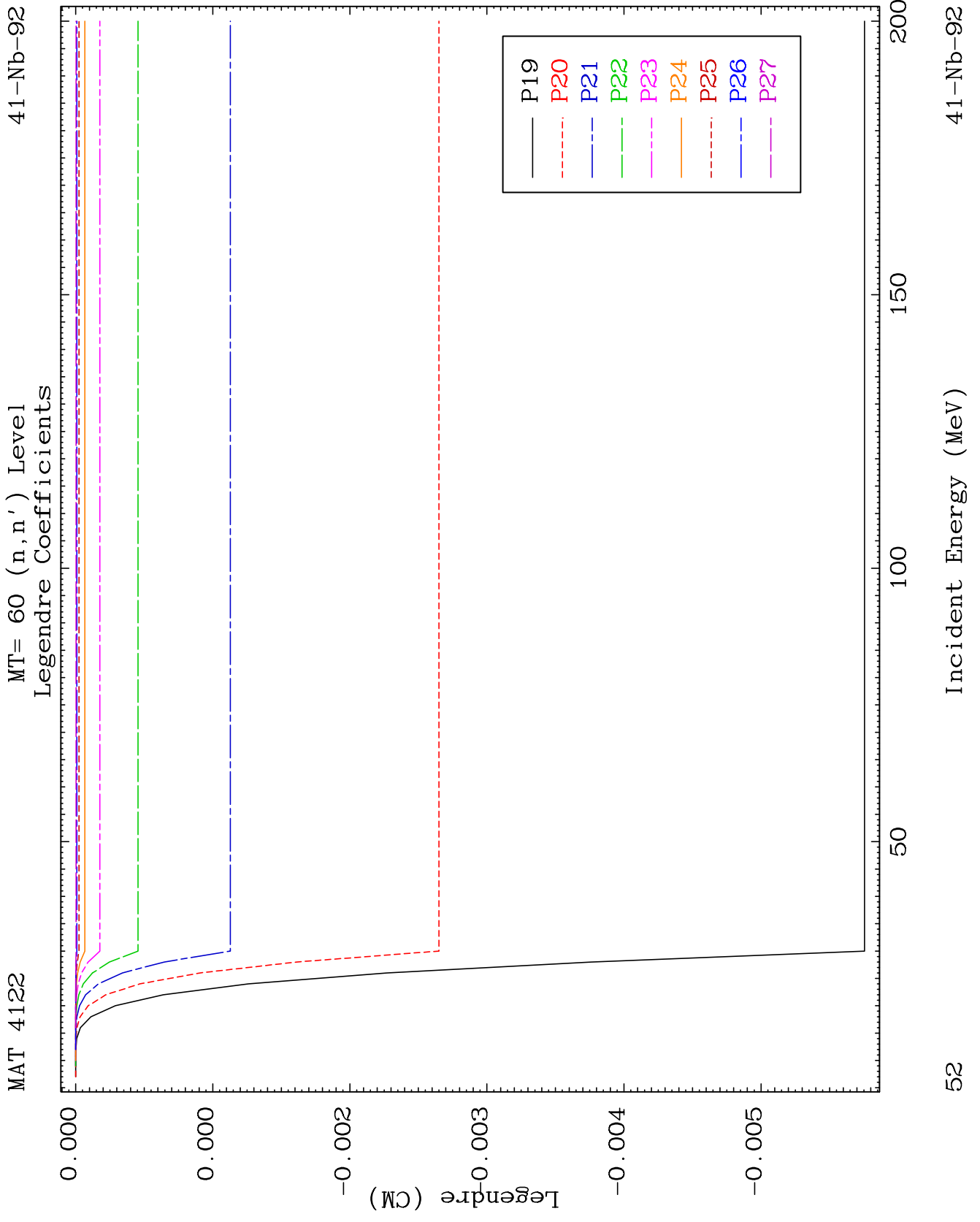
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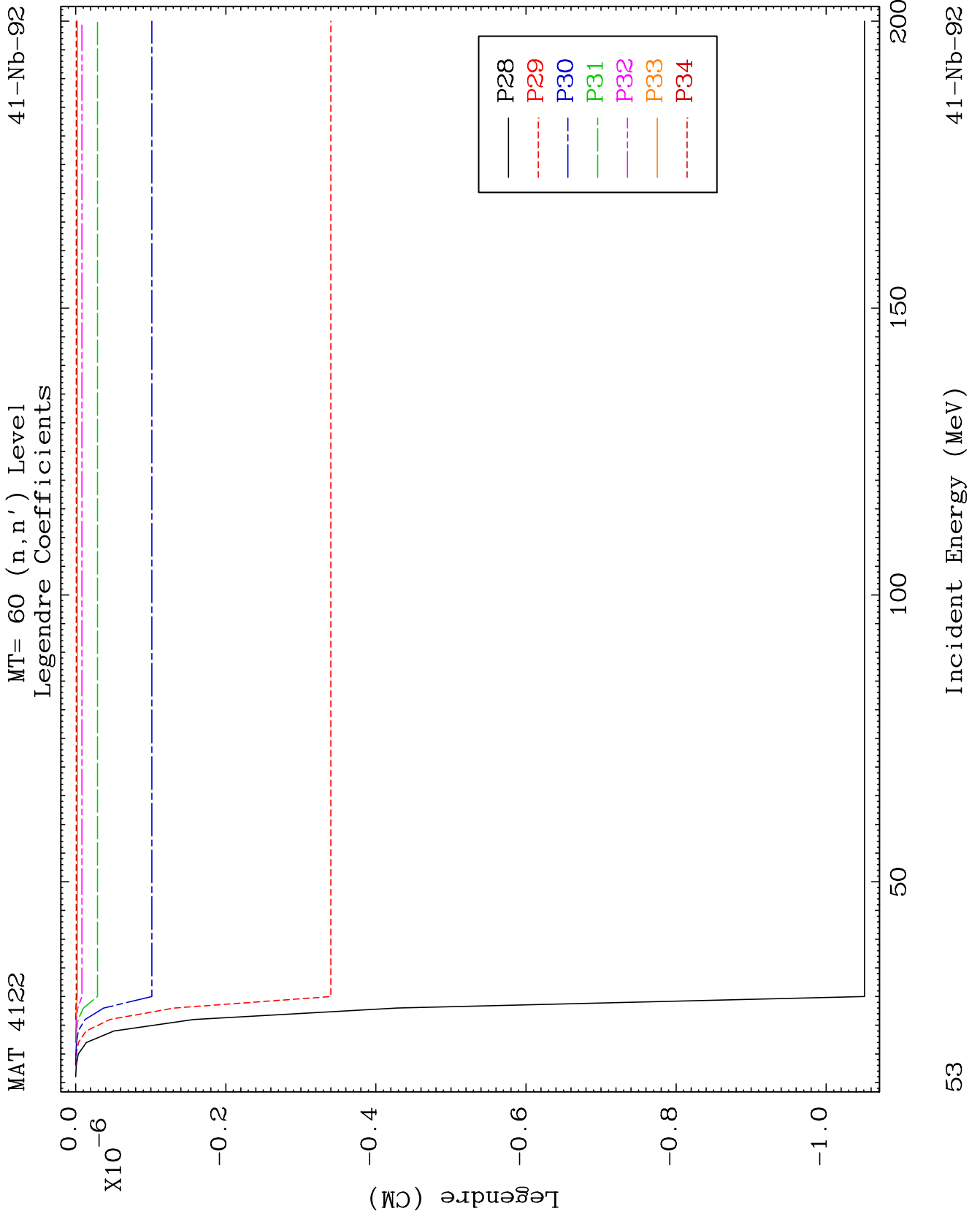


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Incident Energy (MeV)

41-Nb-92

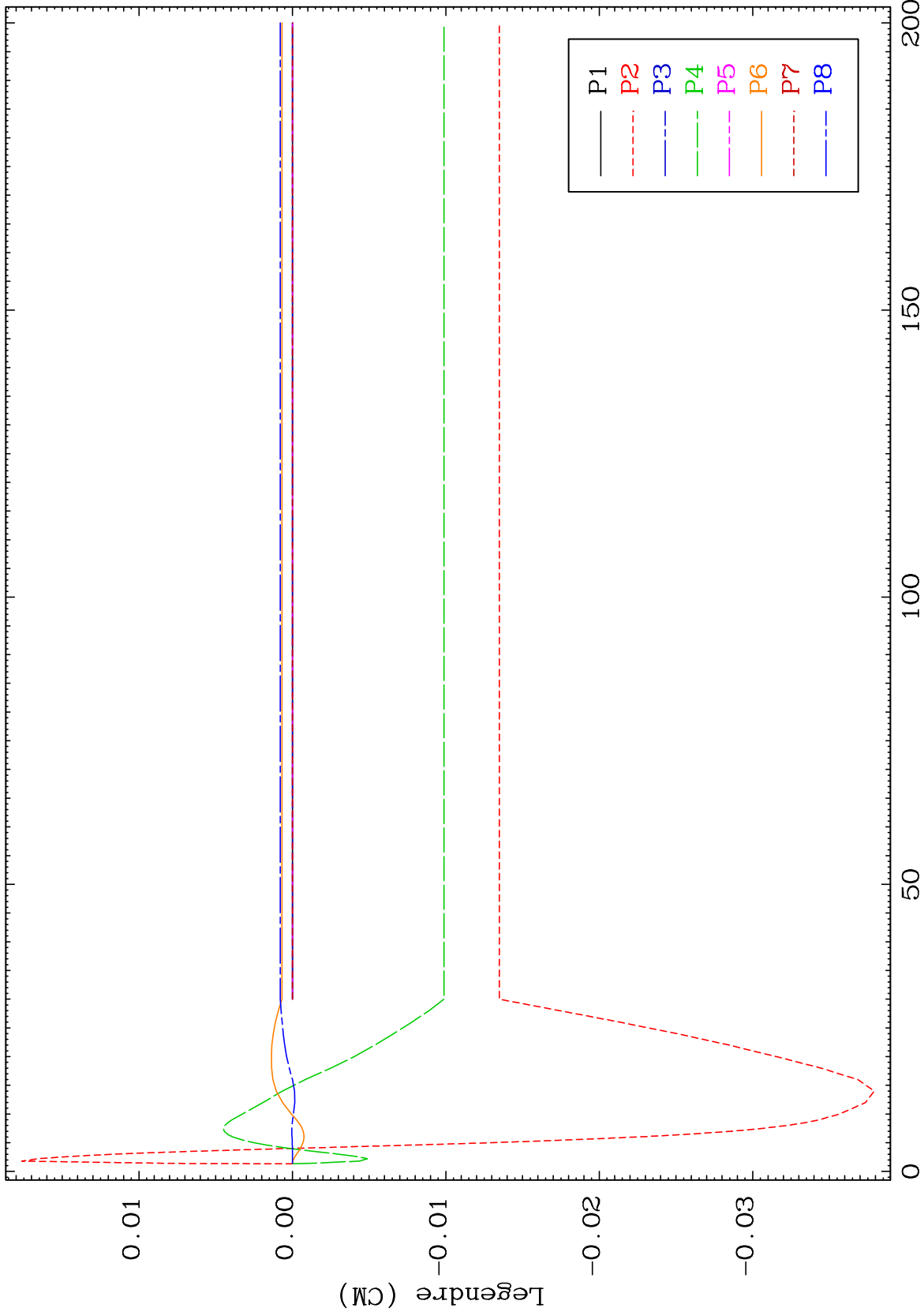




MAT 4122

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

41-Nb-92



54

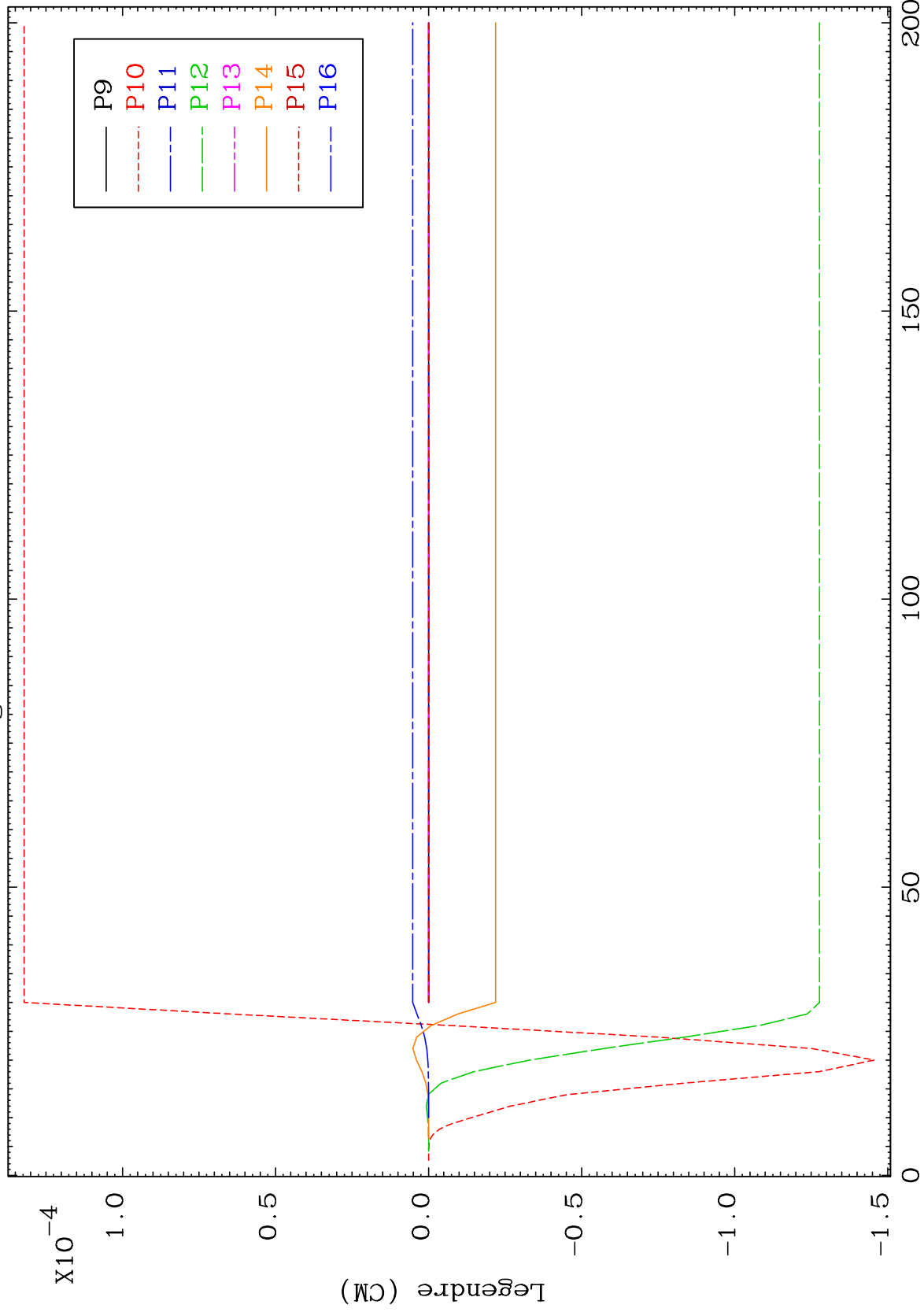
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

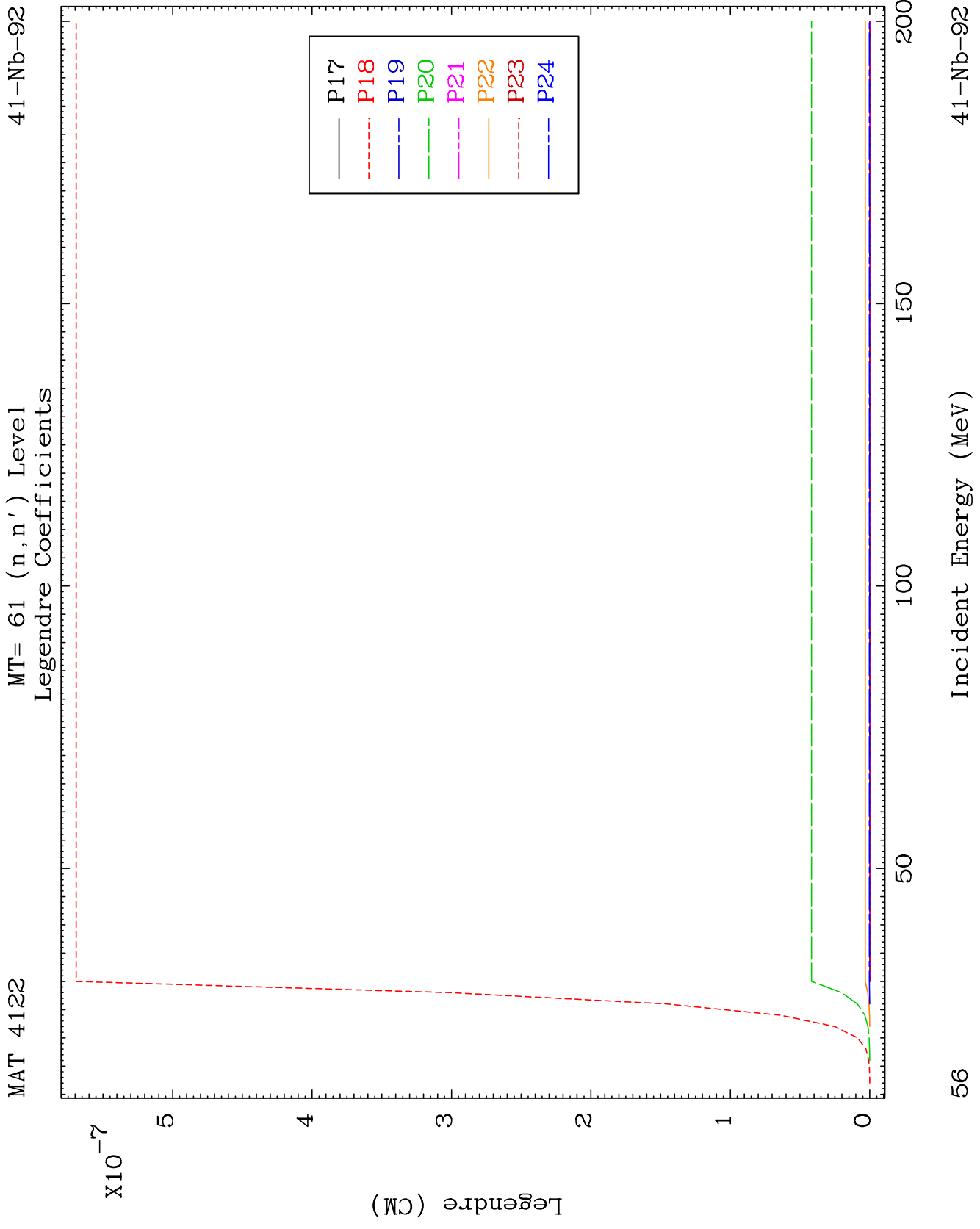
41-Nb-92



55

Incident Energy (MeV)

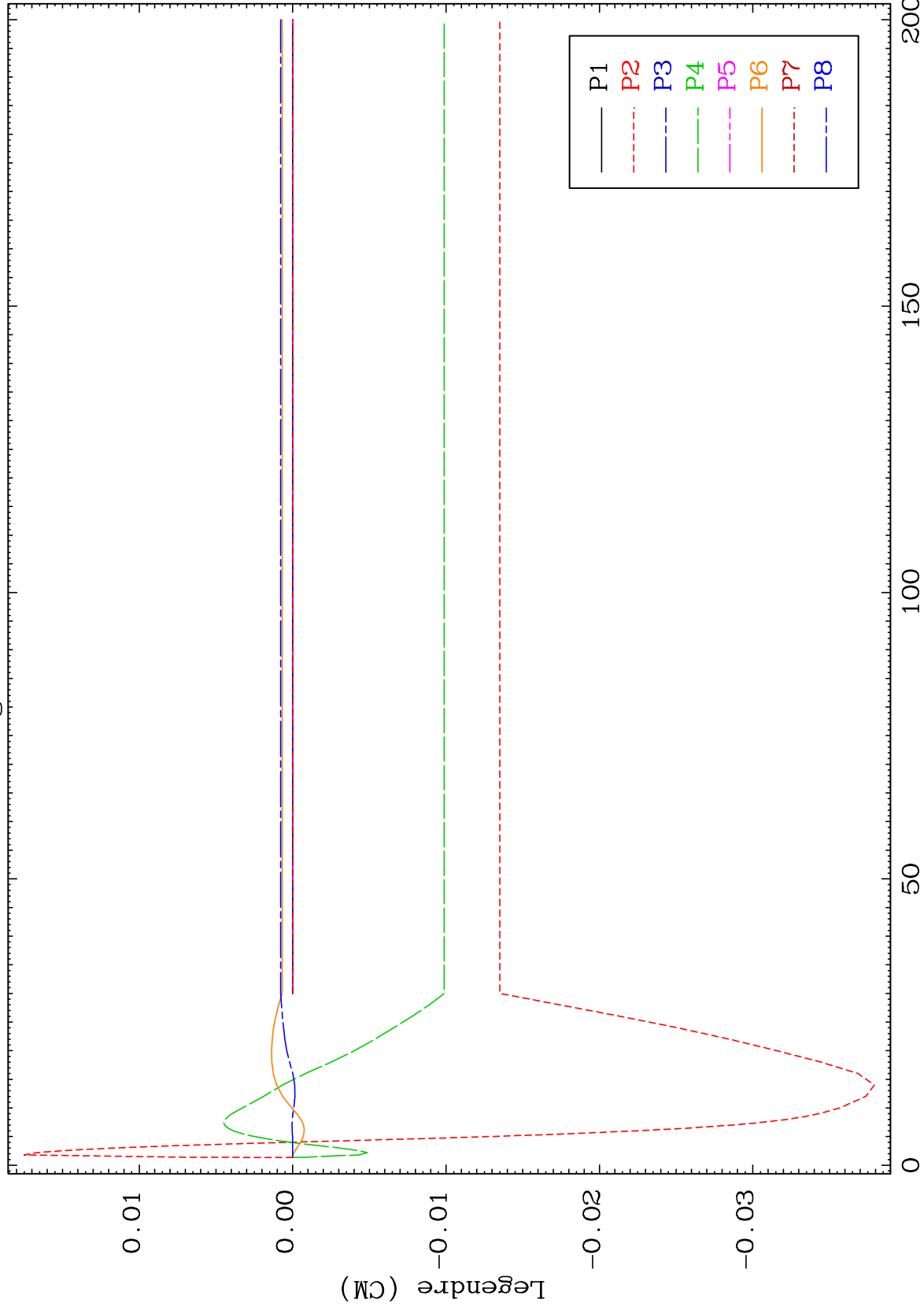
41-Nb-92



MAT 4122

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

41-Nb-92



57

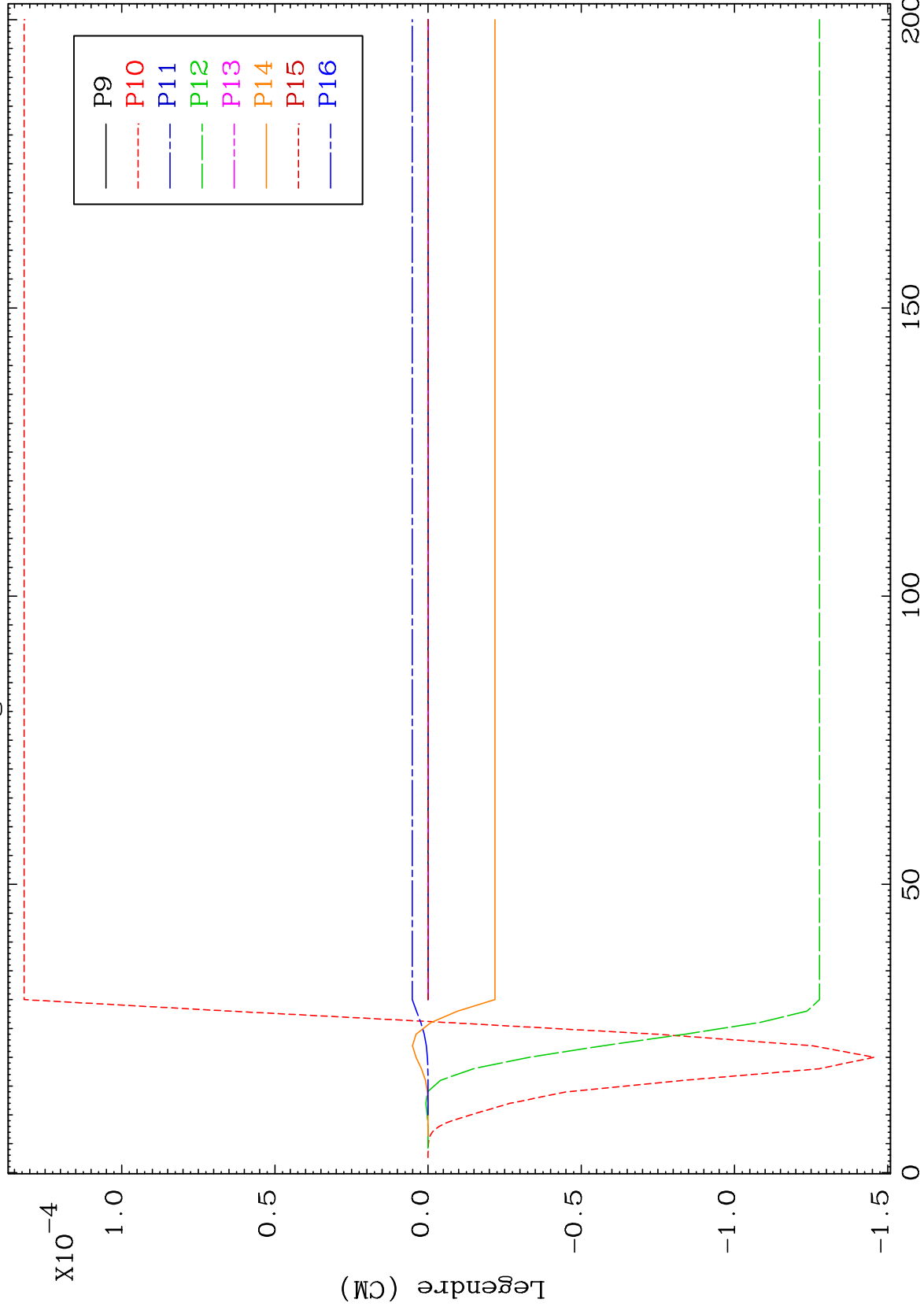
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



58

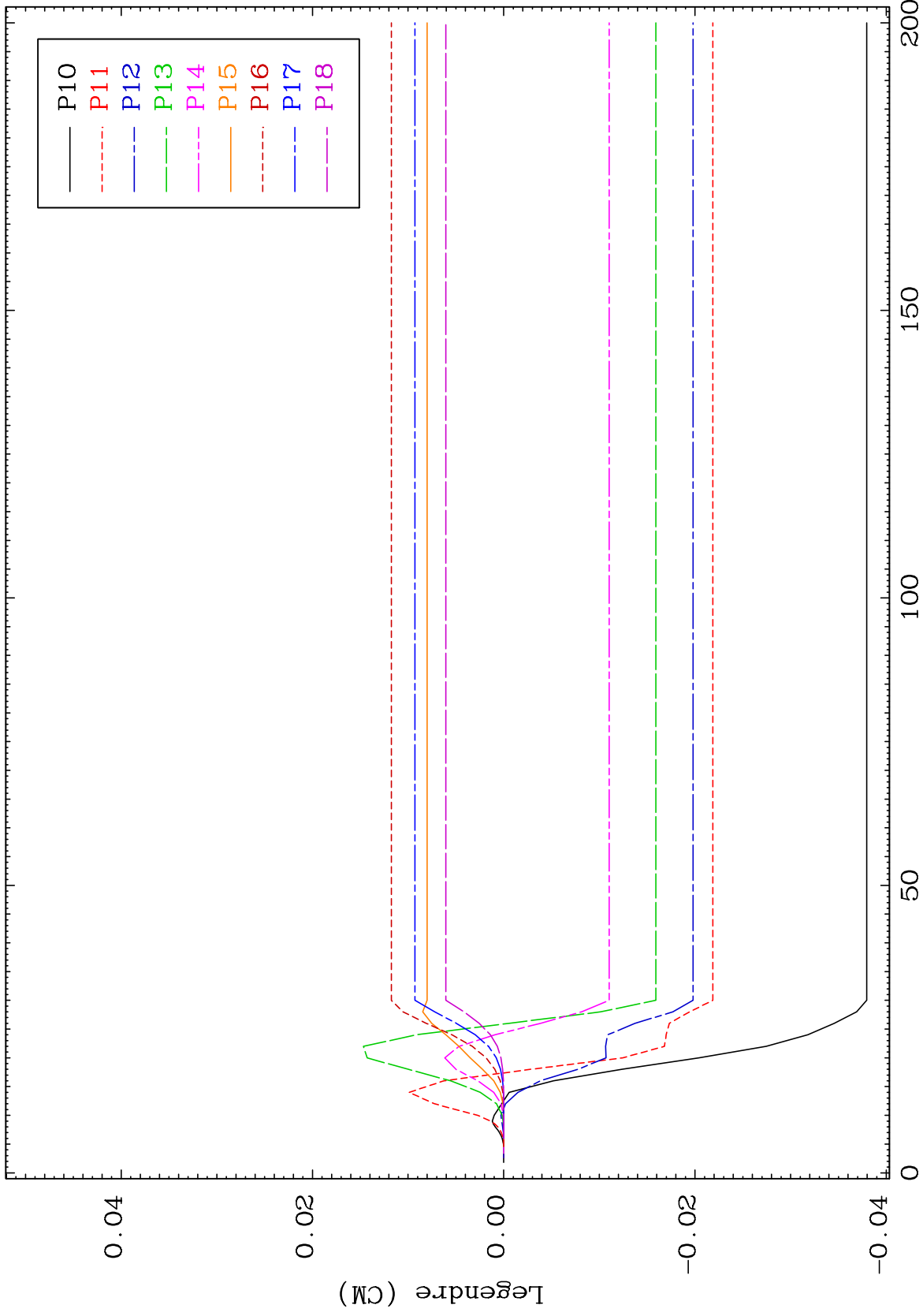
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



61

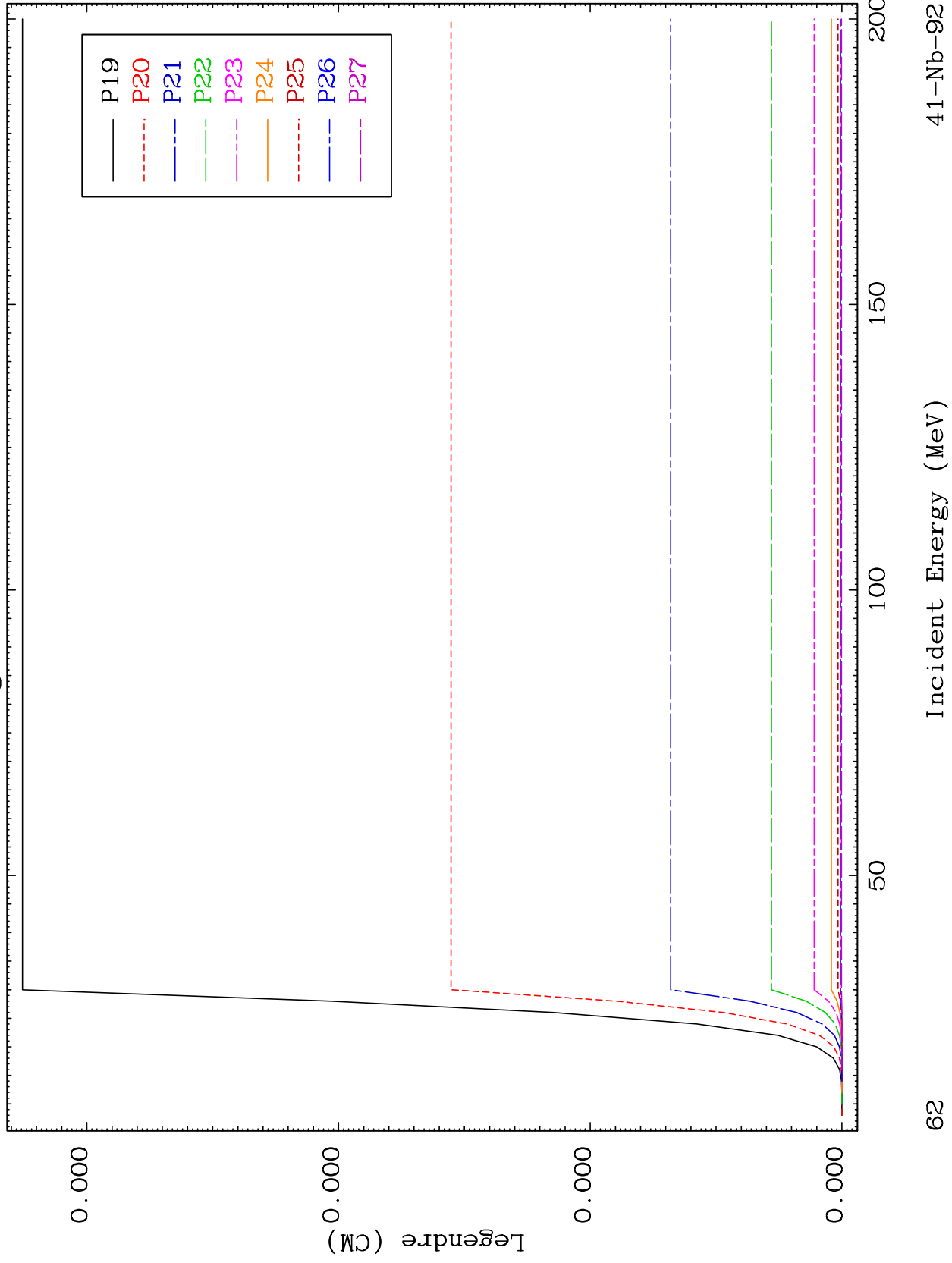
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

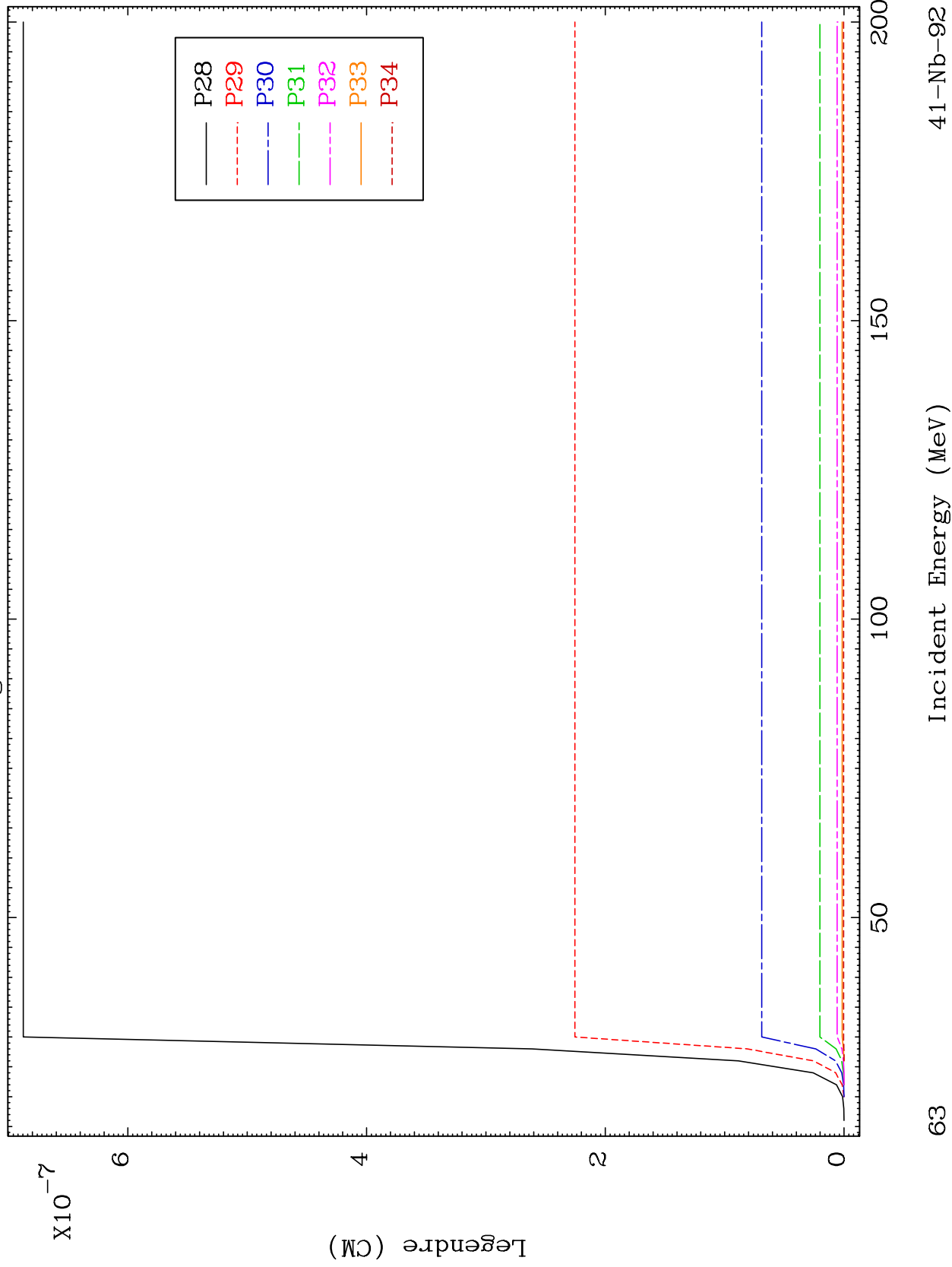
41-Nb-92



MAT 4122

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

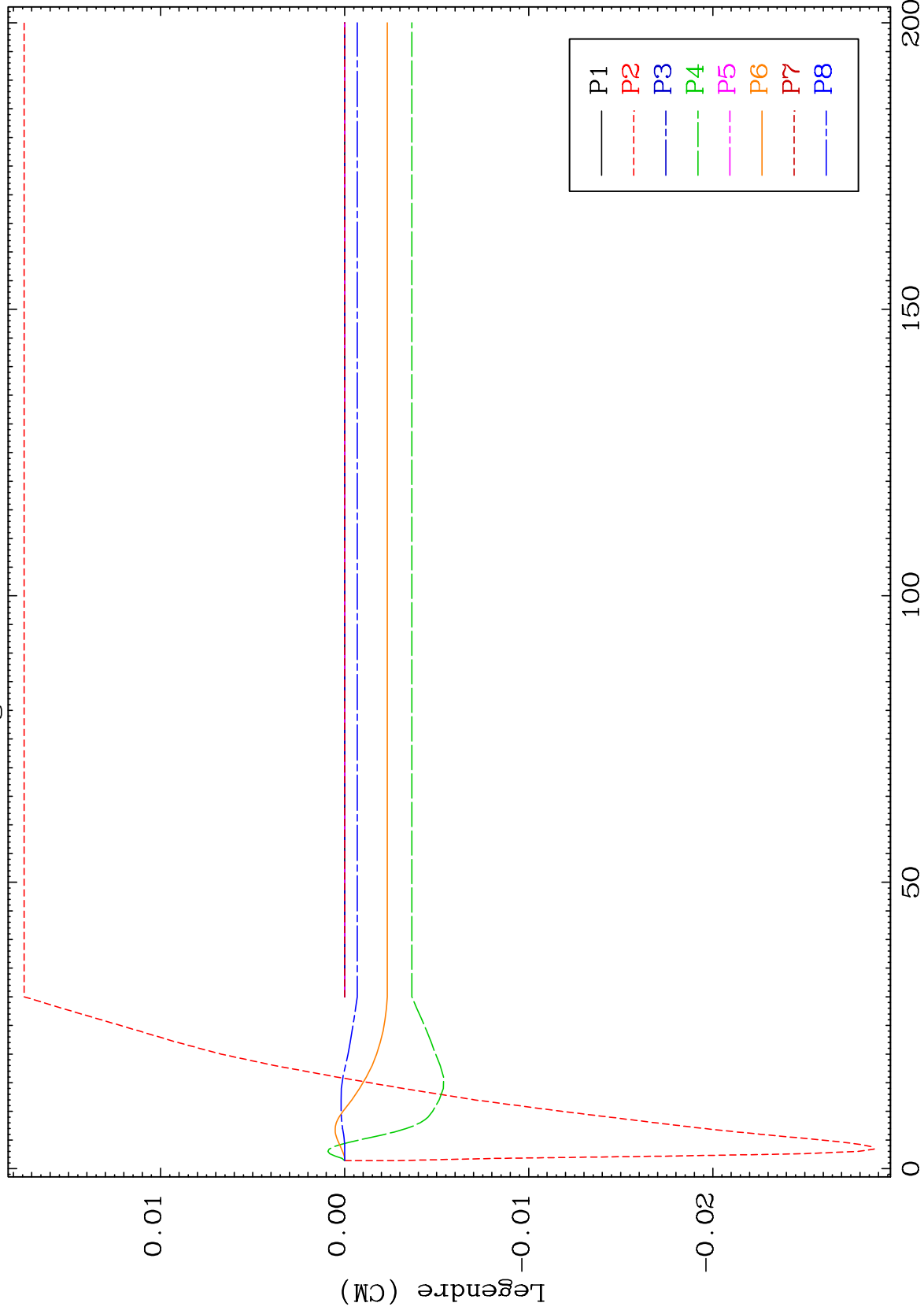
41-Nb-92



MAT 4122

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

41-Nb-92



41-Nb-92

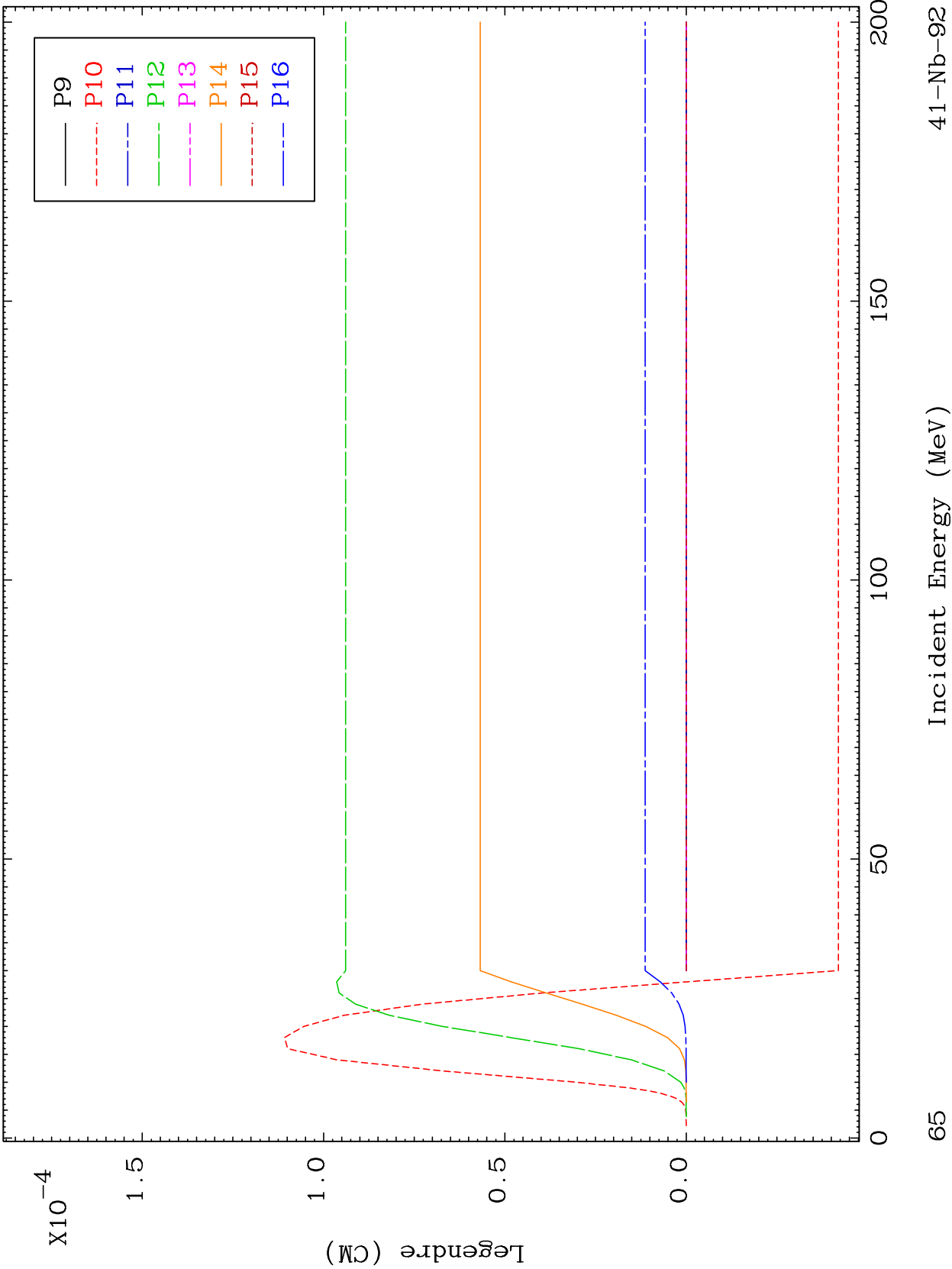
Incident Energy (MeV)

64

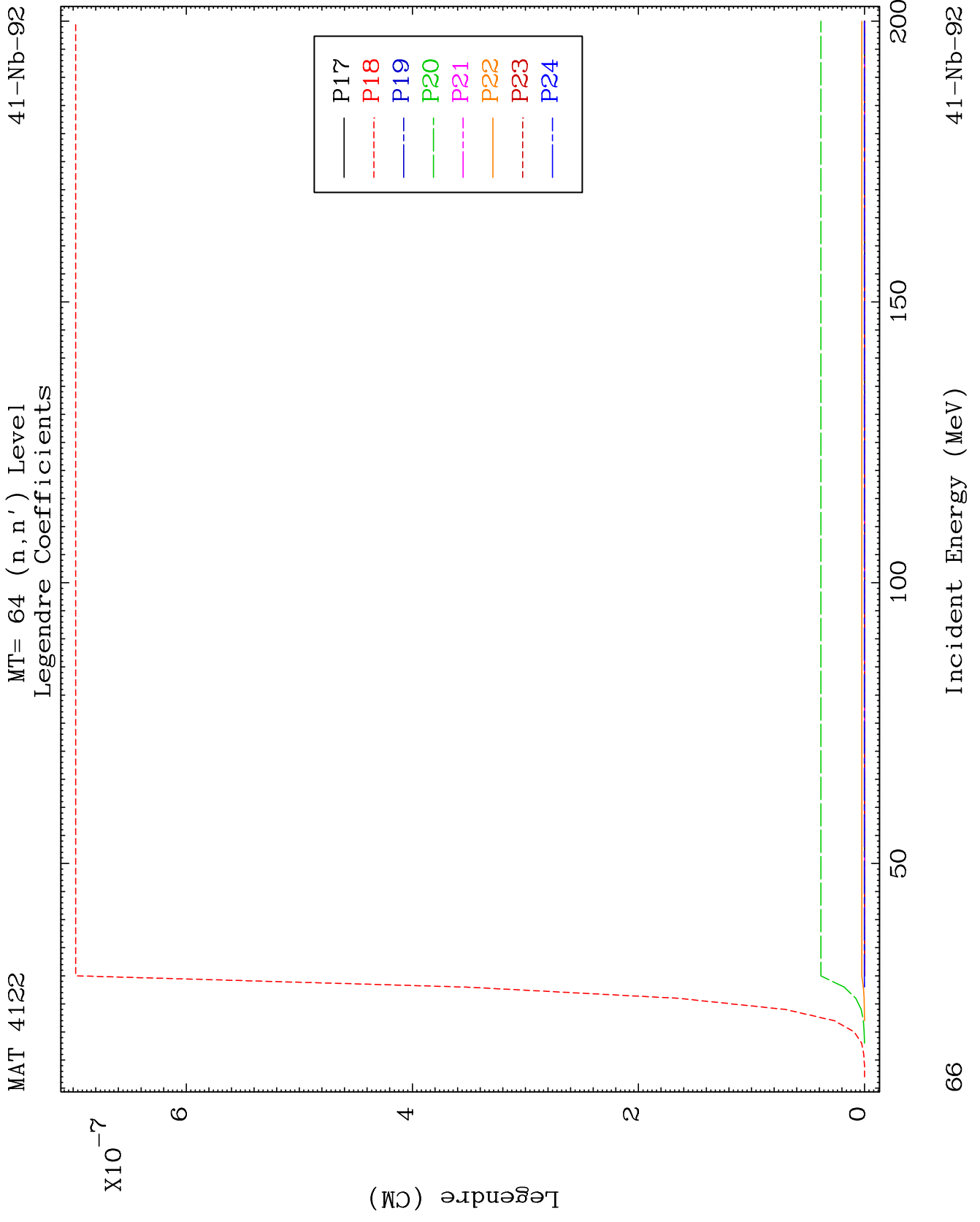
MAT 4122

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

41-Nb-92



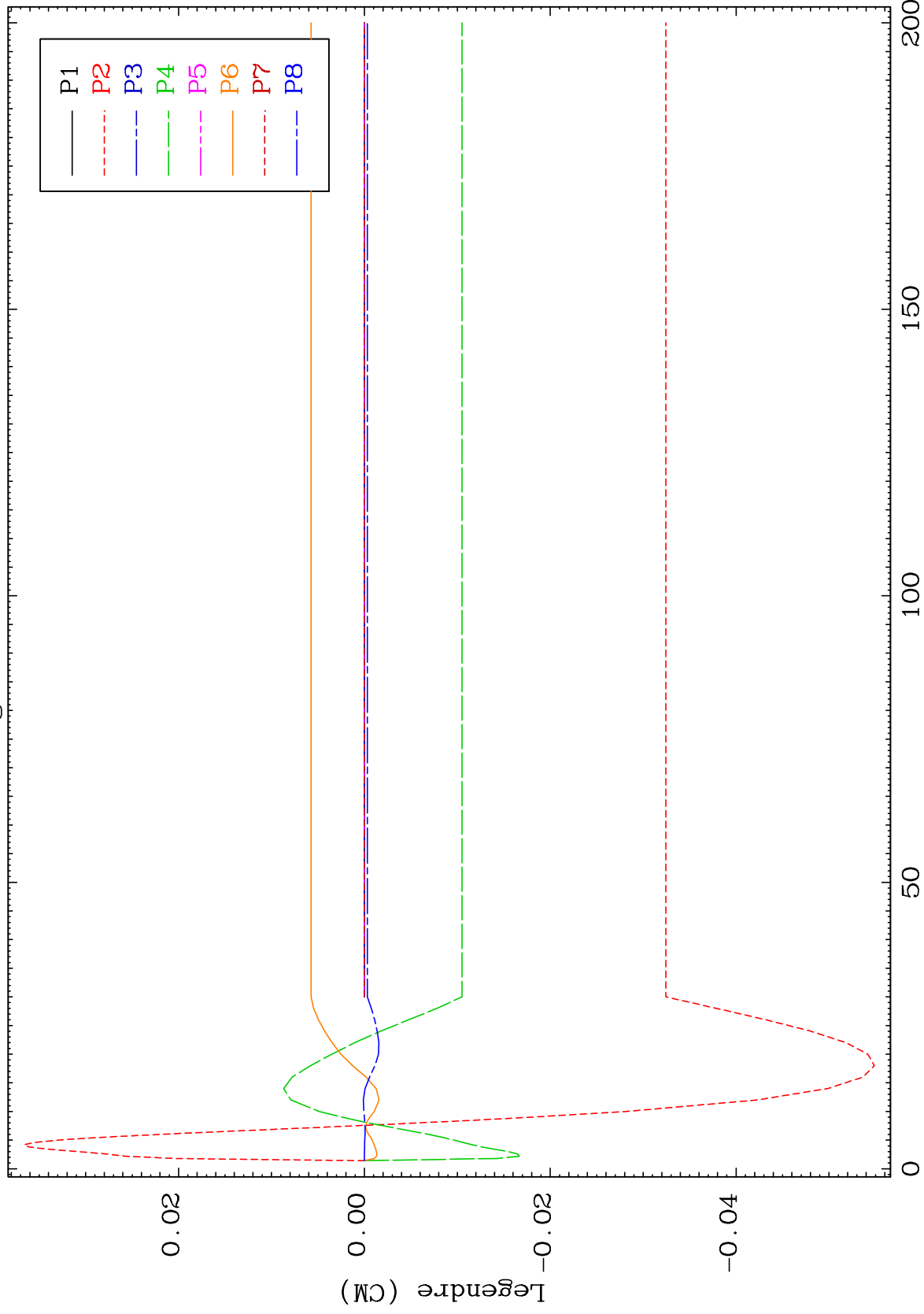
65



MAT 4122

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

41-Nb-92



67

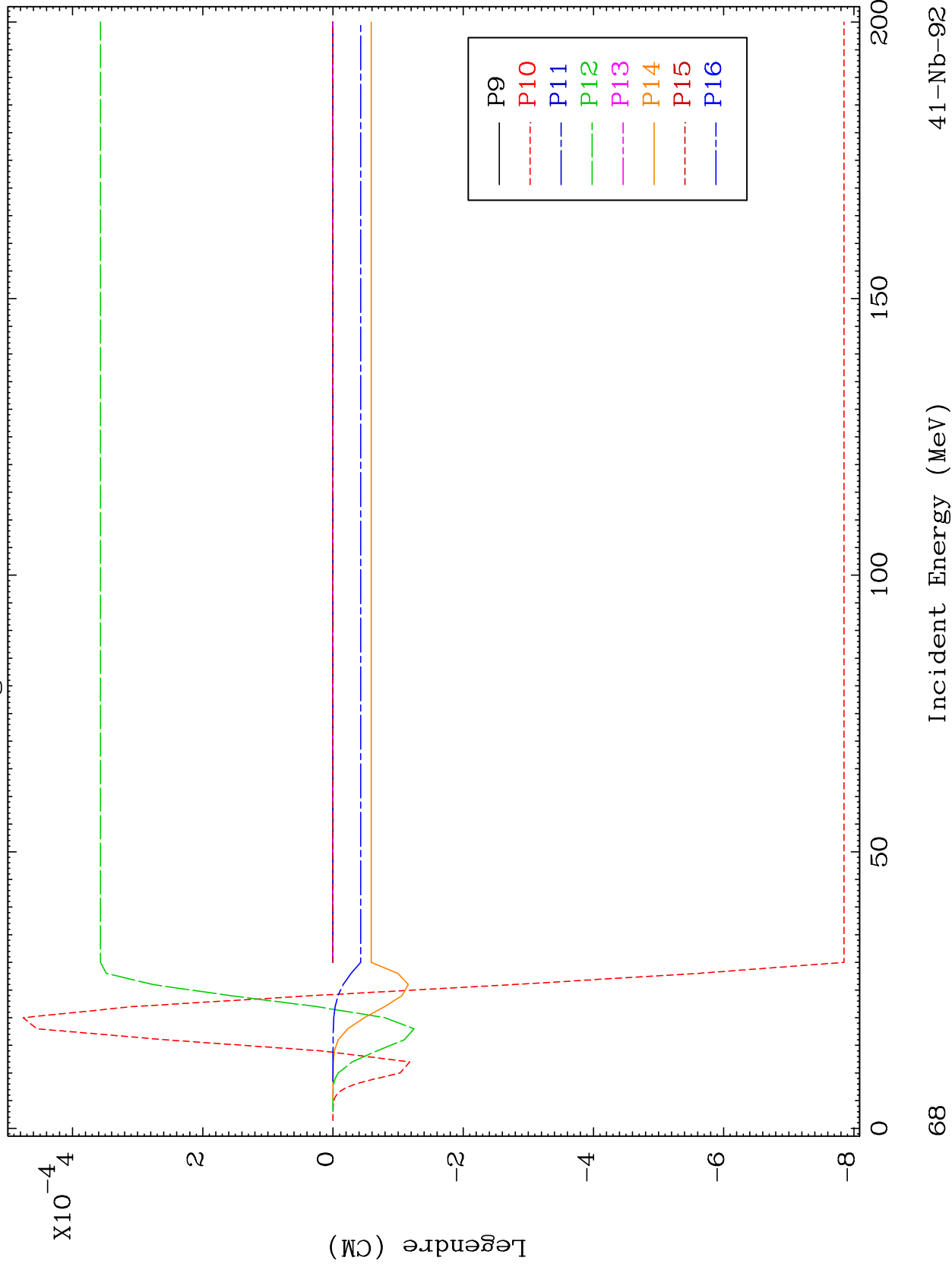
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

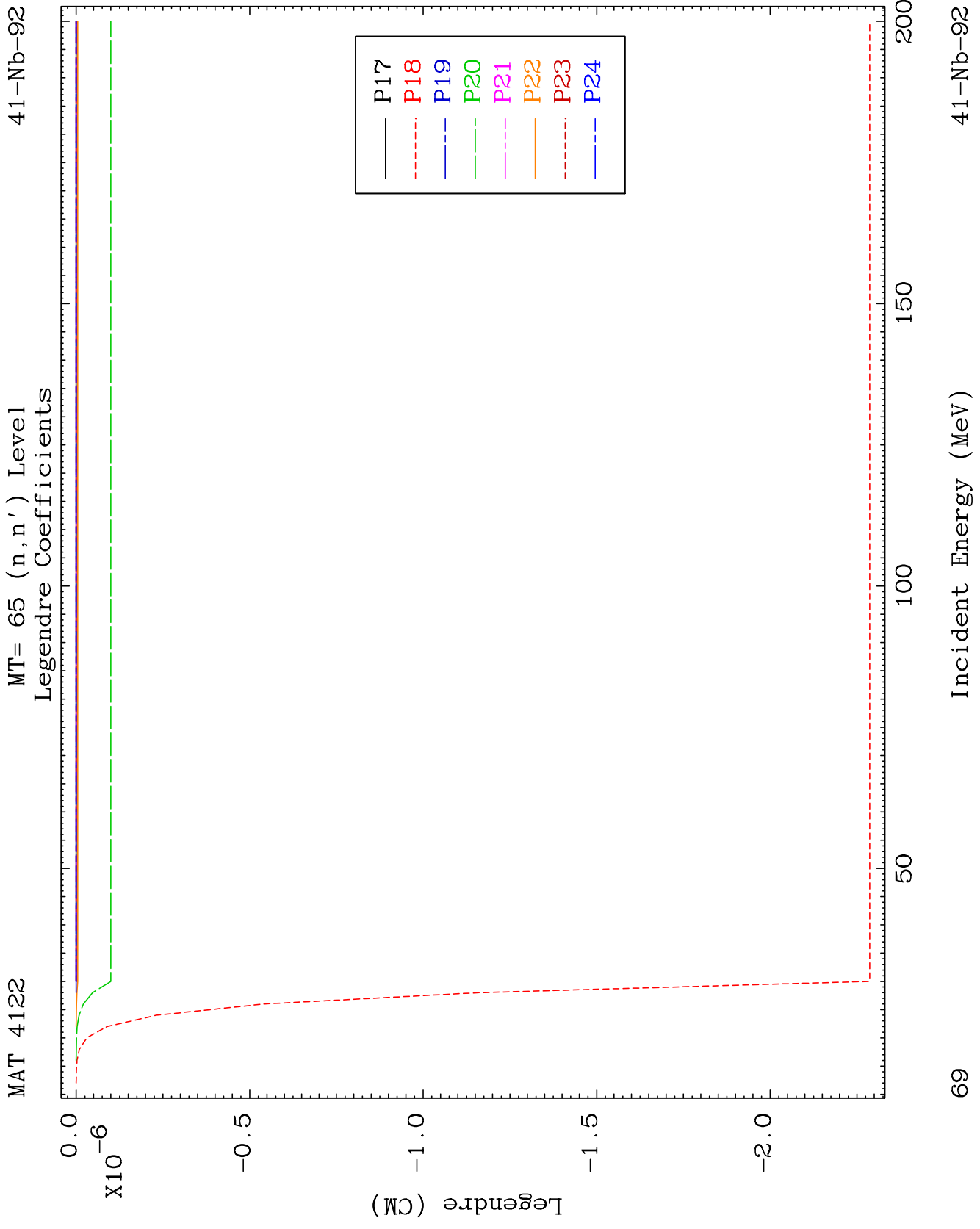
41-Nb-92



41-Nb-92

Incident Energy (MeV)

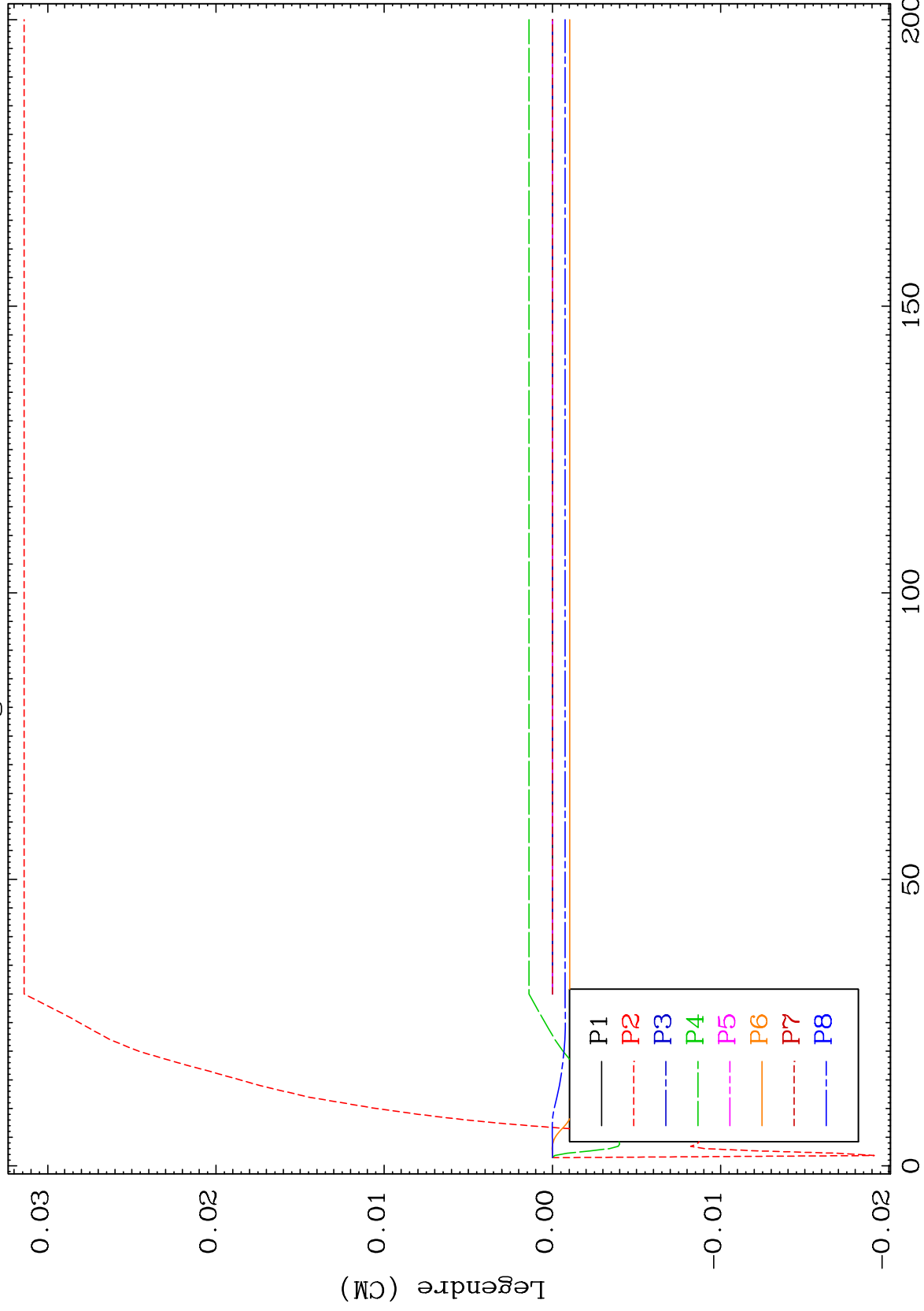
68



MAT 4122

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

41-Nb-92



Incident Energy (MeV)

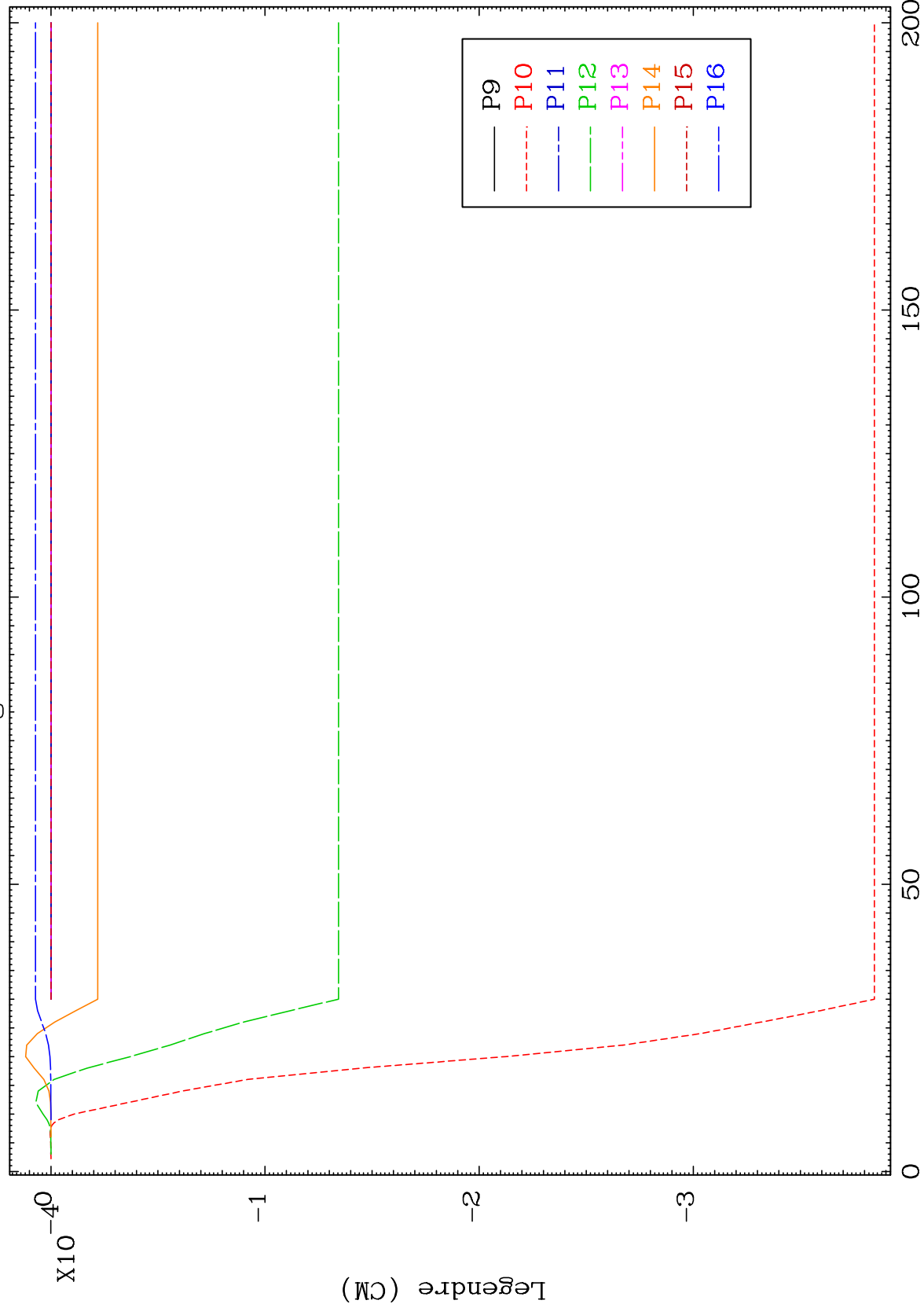
41-Nb-92

70

MAT 4122

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

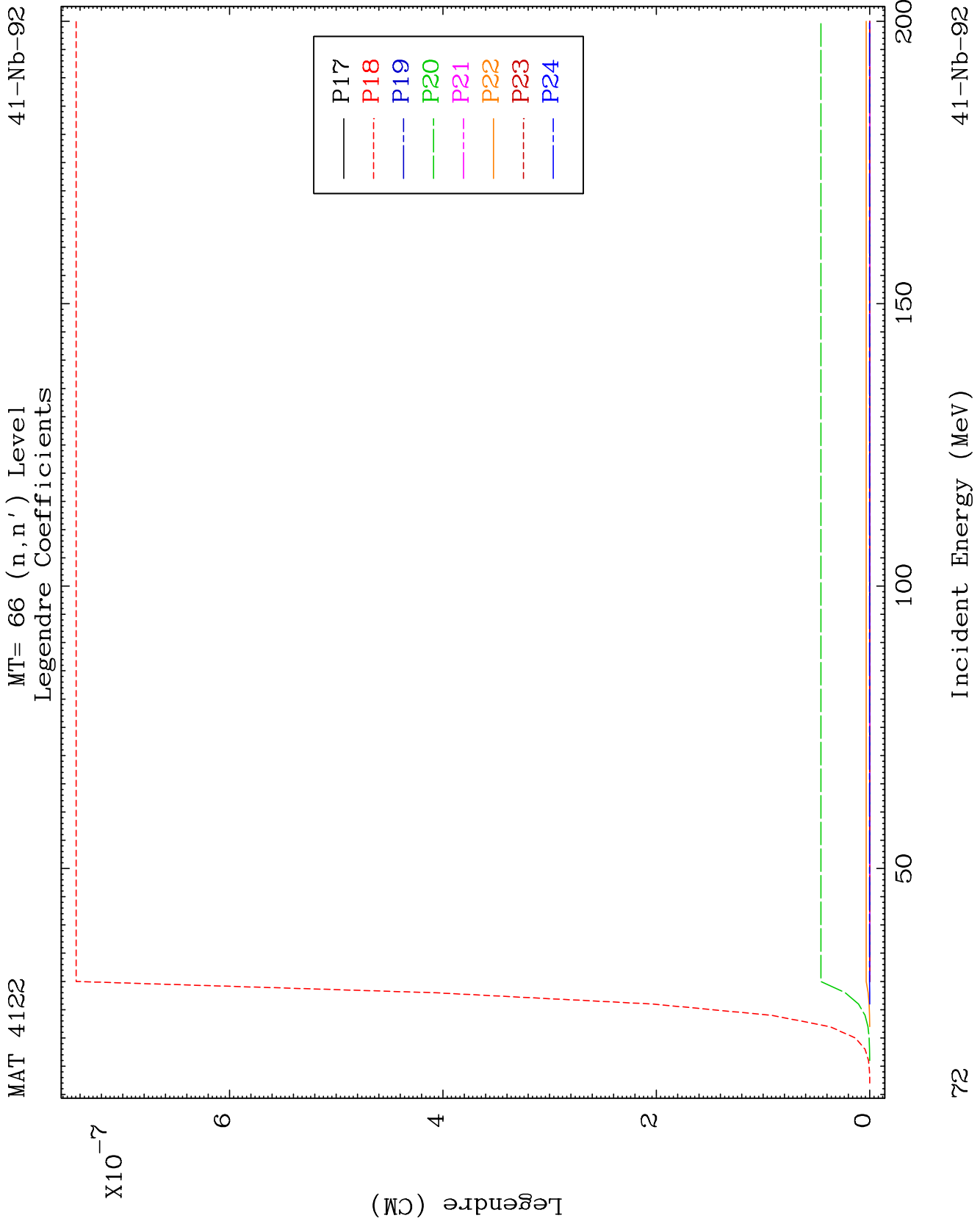
41-Nb-92



71

Incident Energy (MeV)

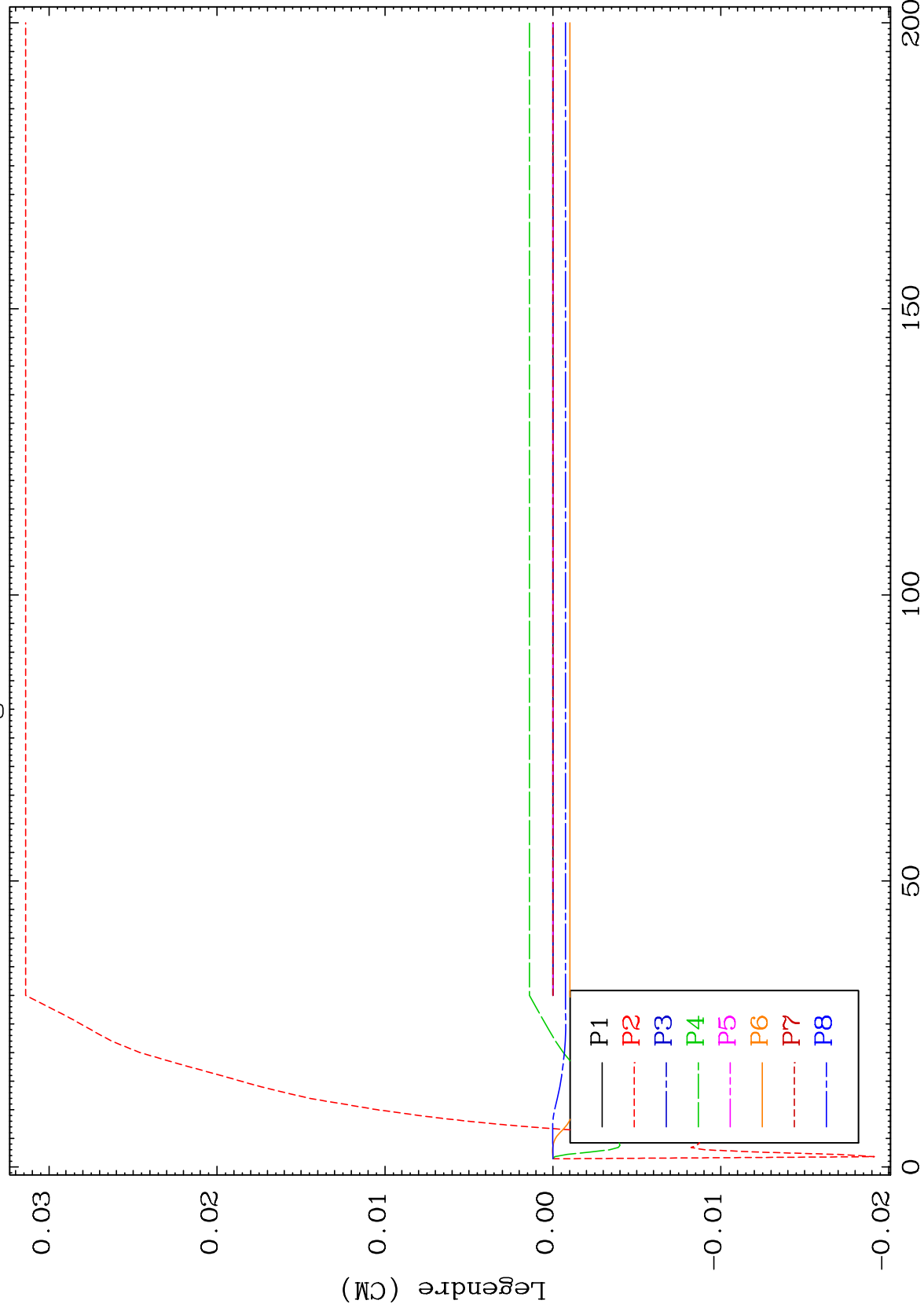
41-Nb-92



MAT 4122

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

41-Nb-92



73

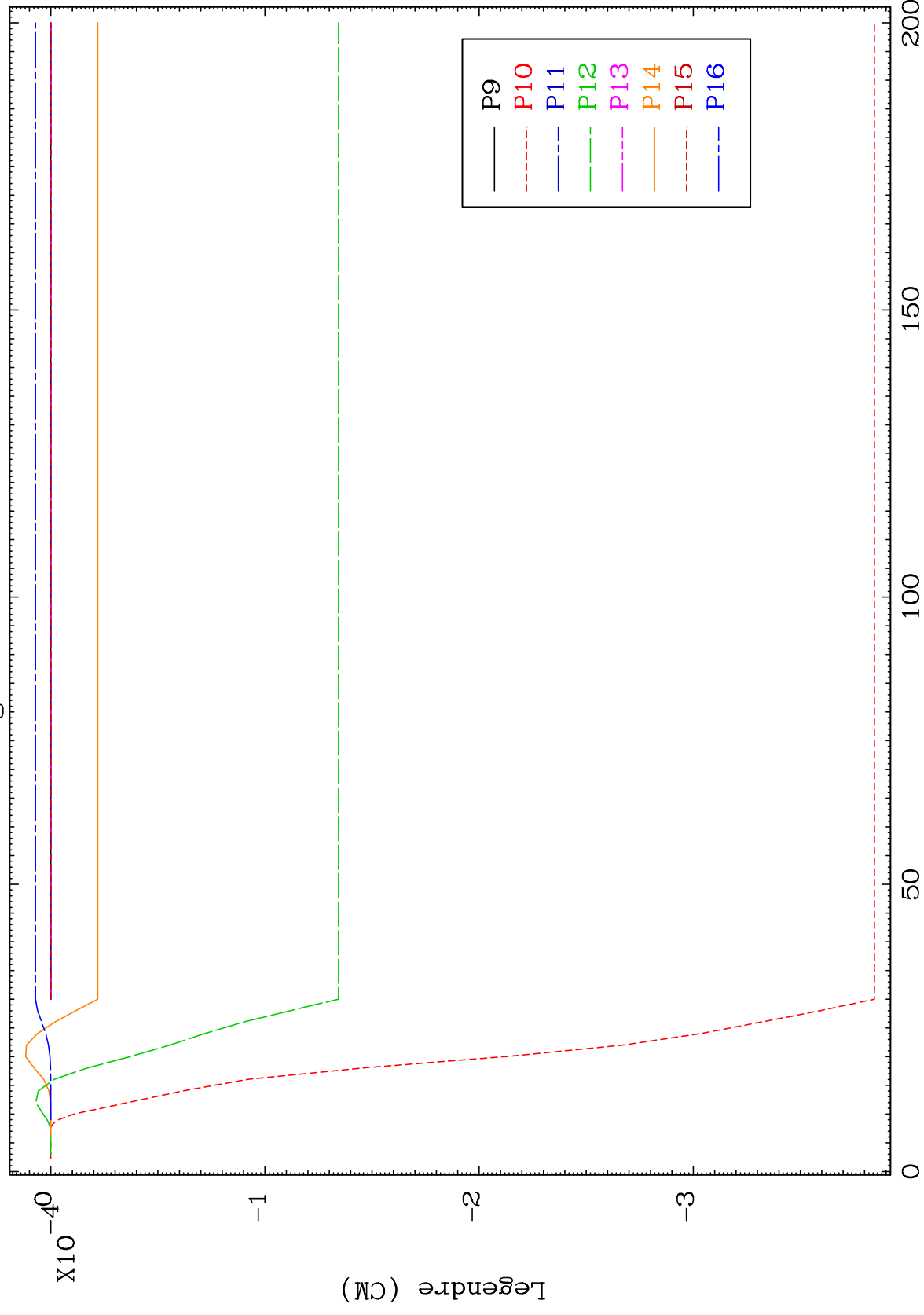
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



74

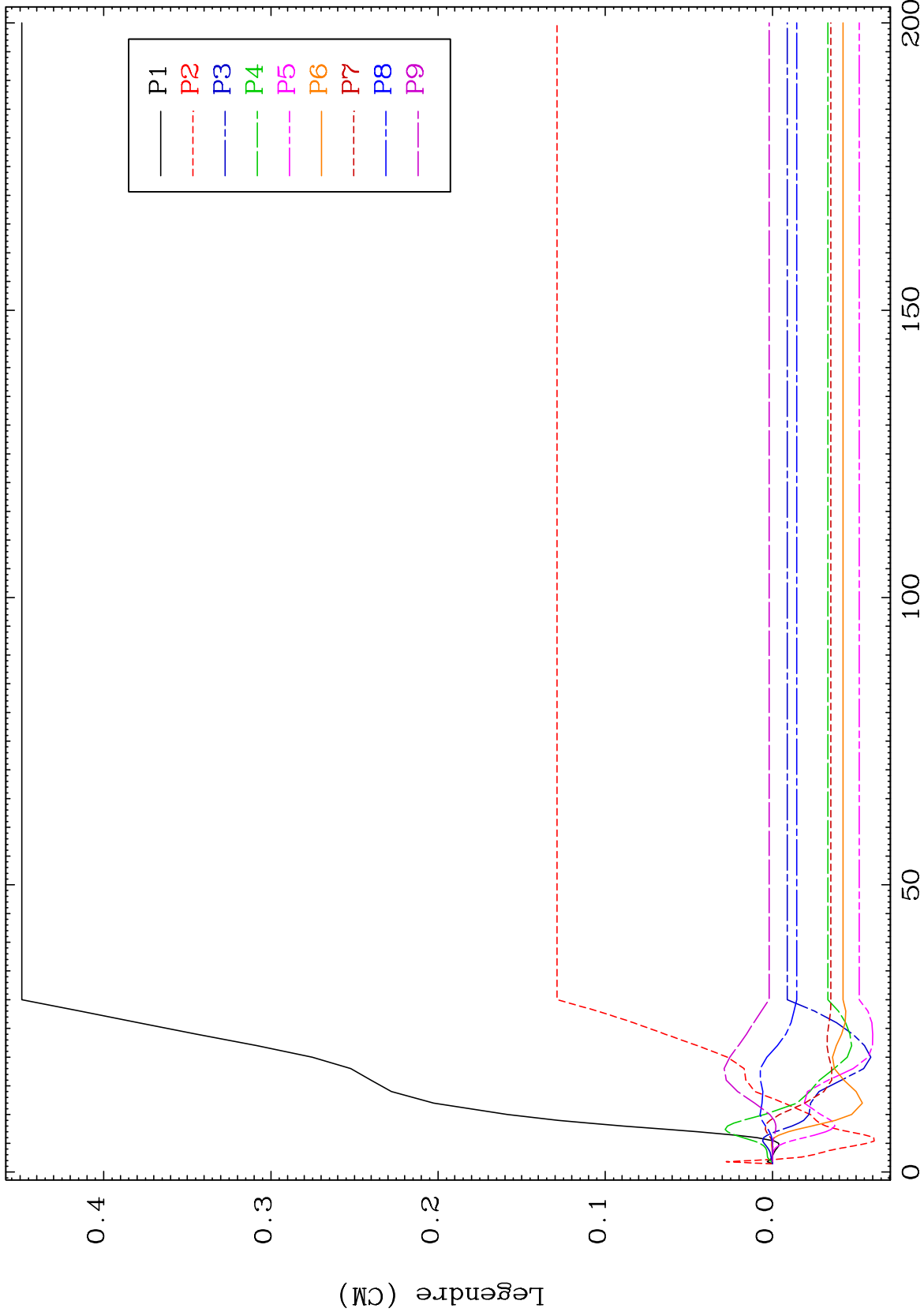
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



76

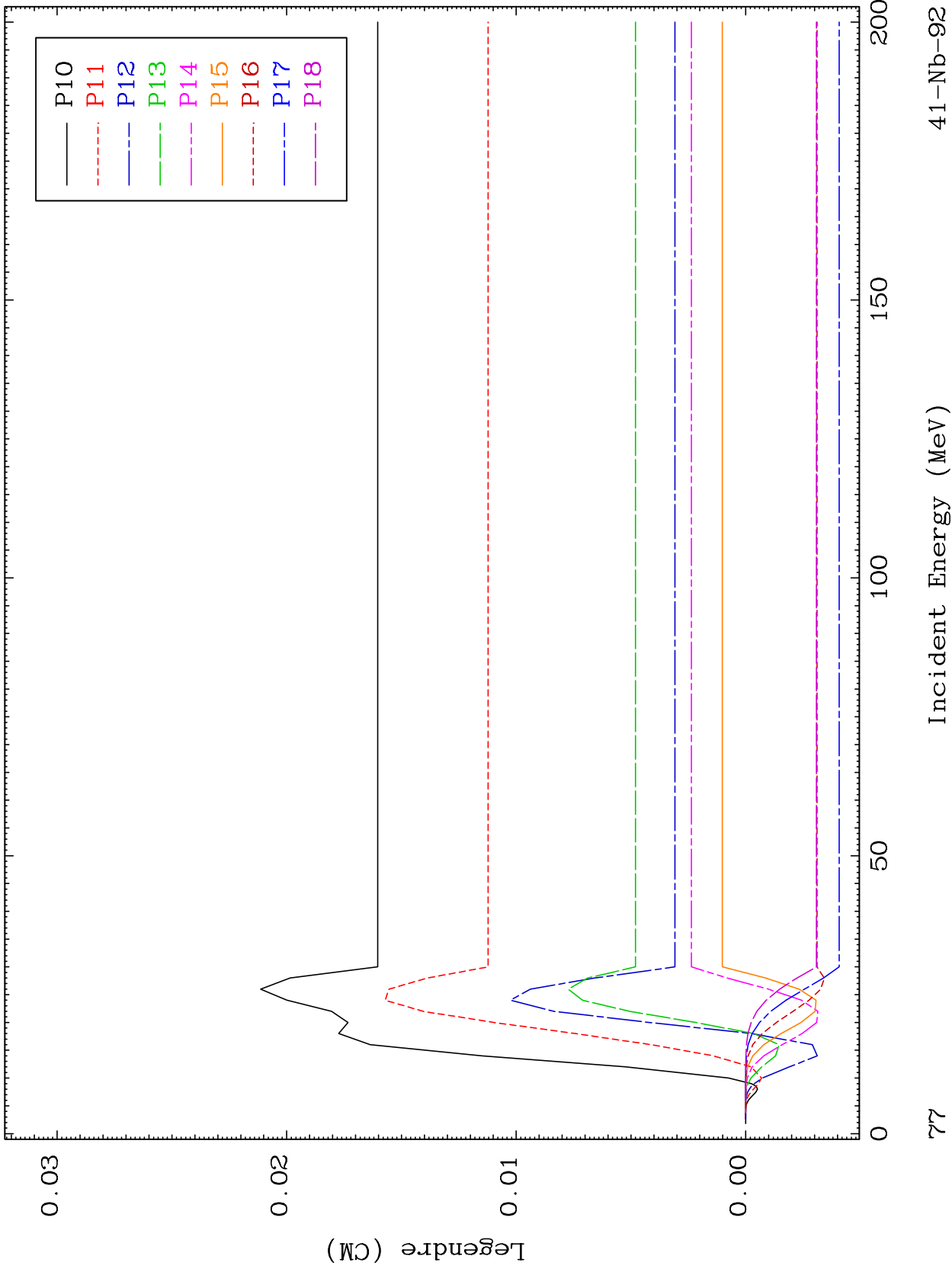
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

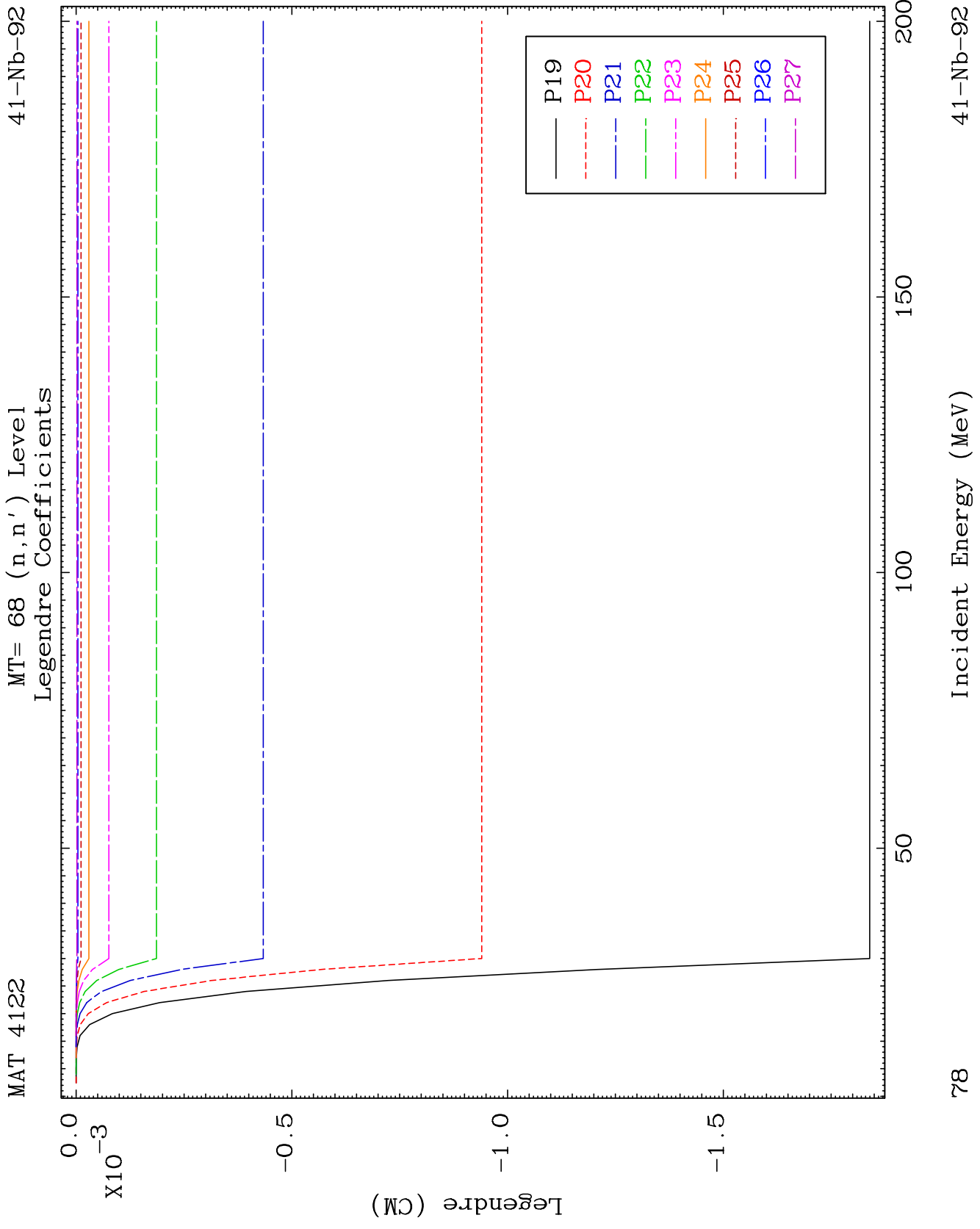
41-Nb-92

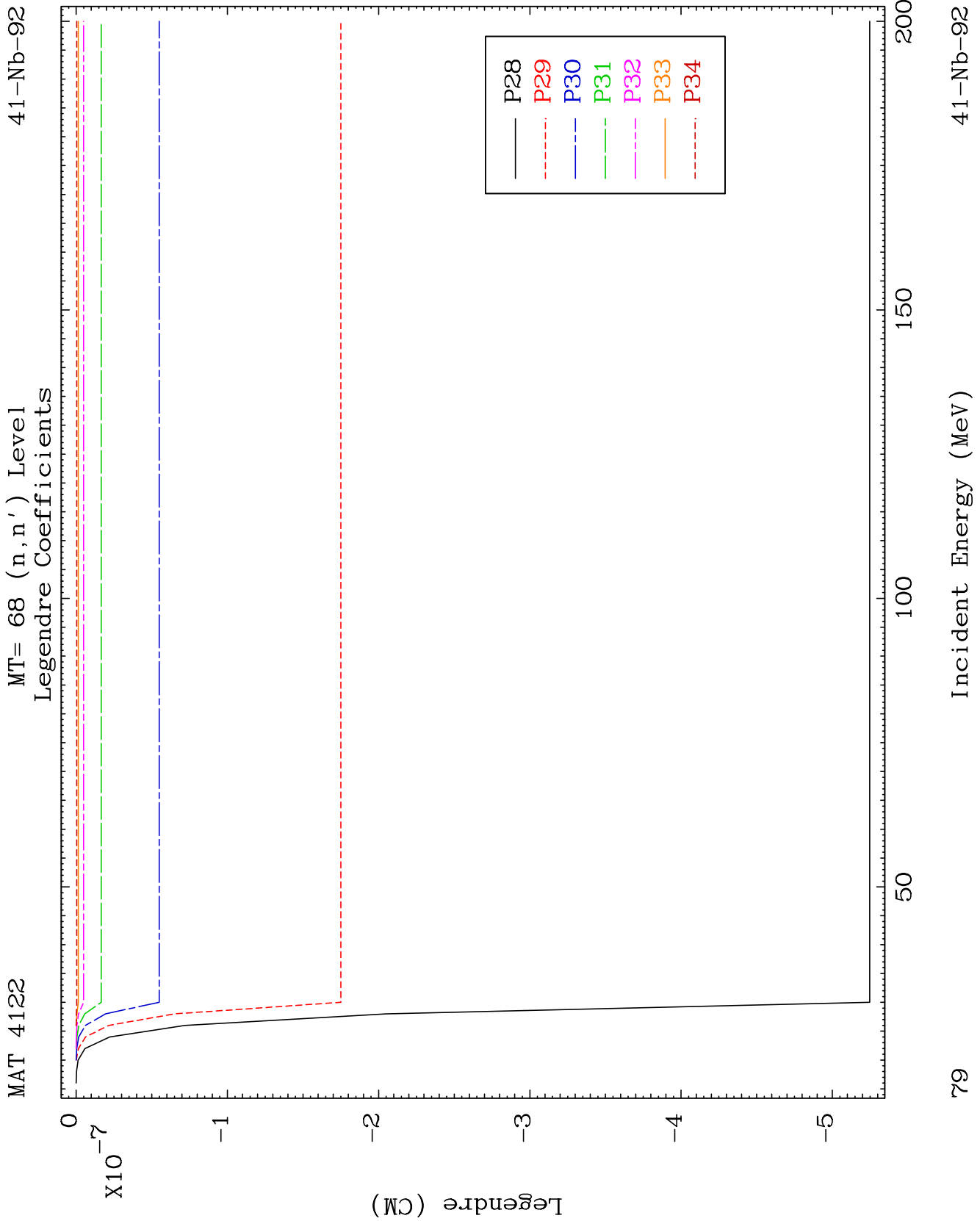


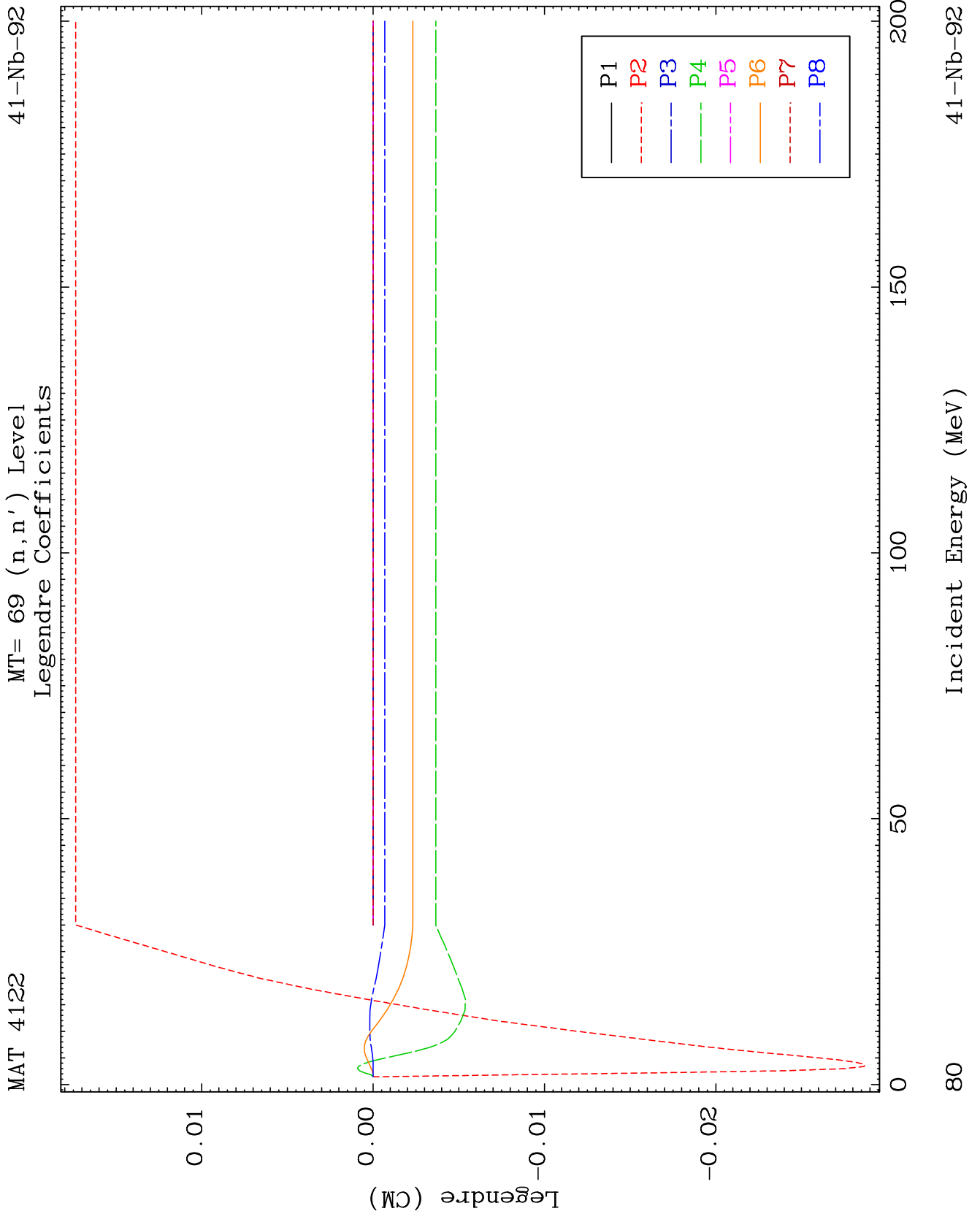
77

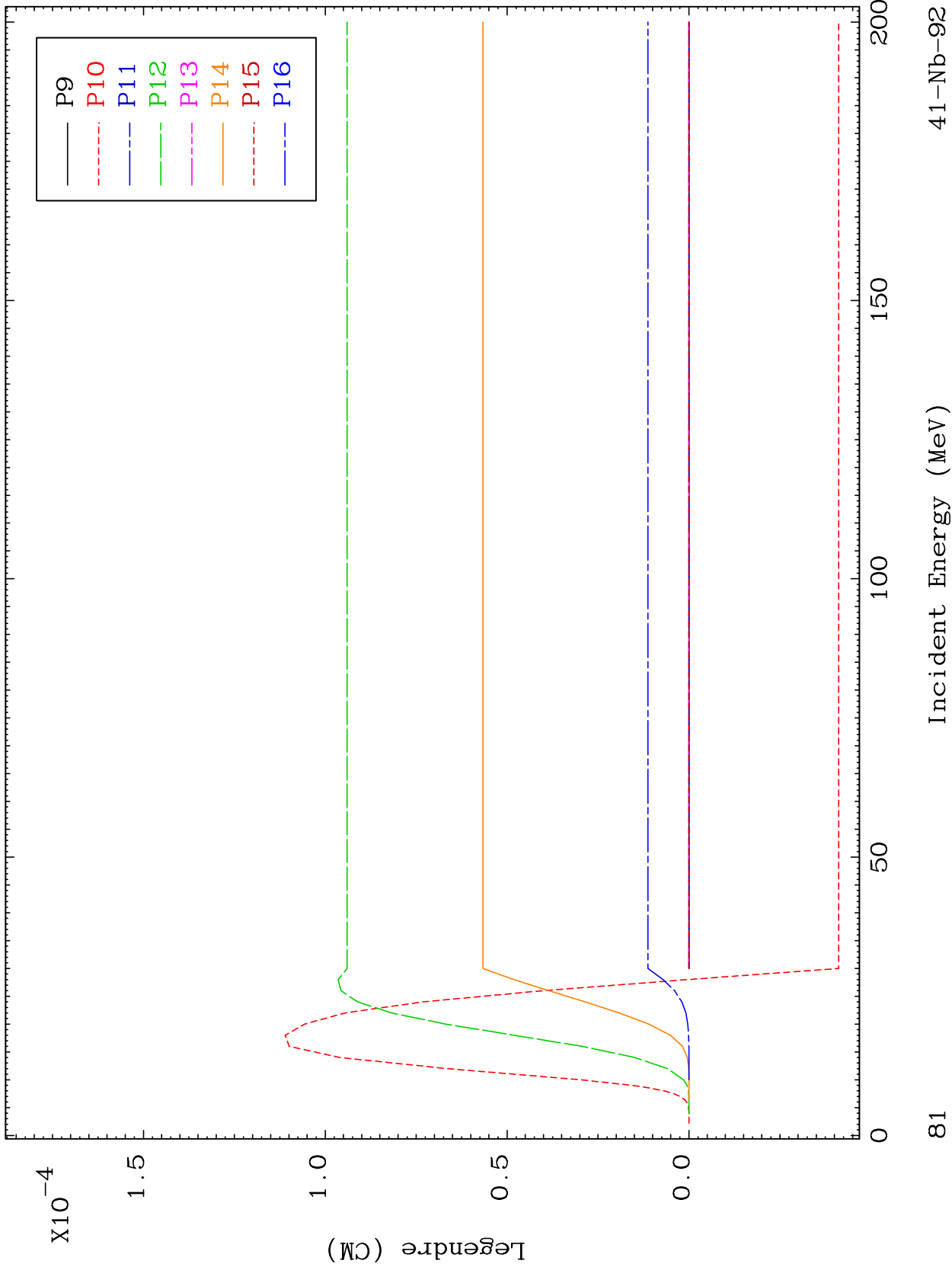
Incident Energy (MeV)

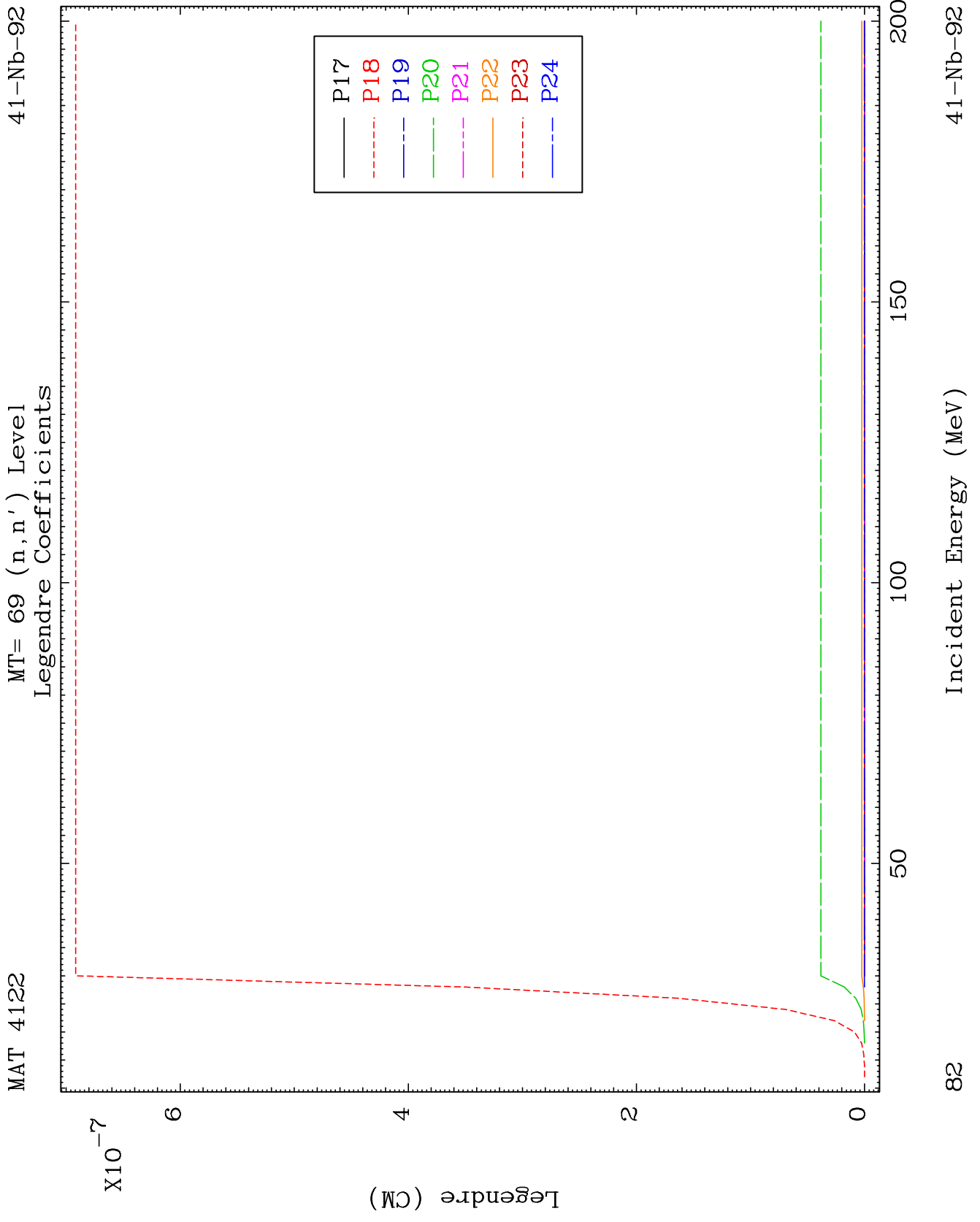
41-Nb-92

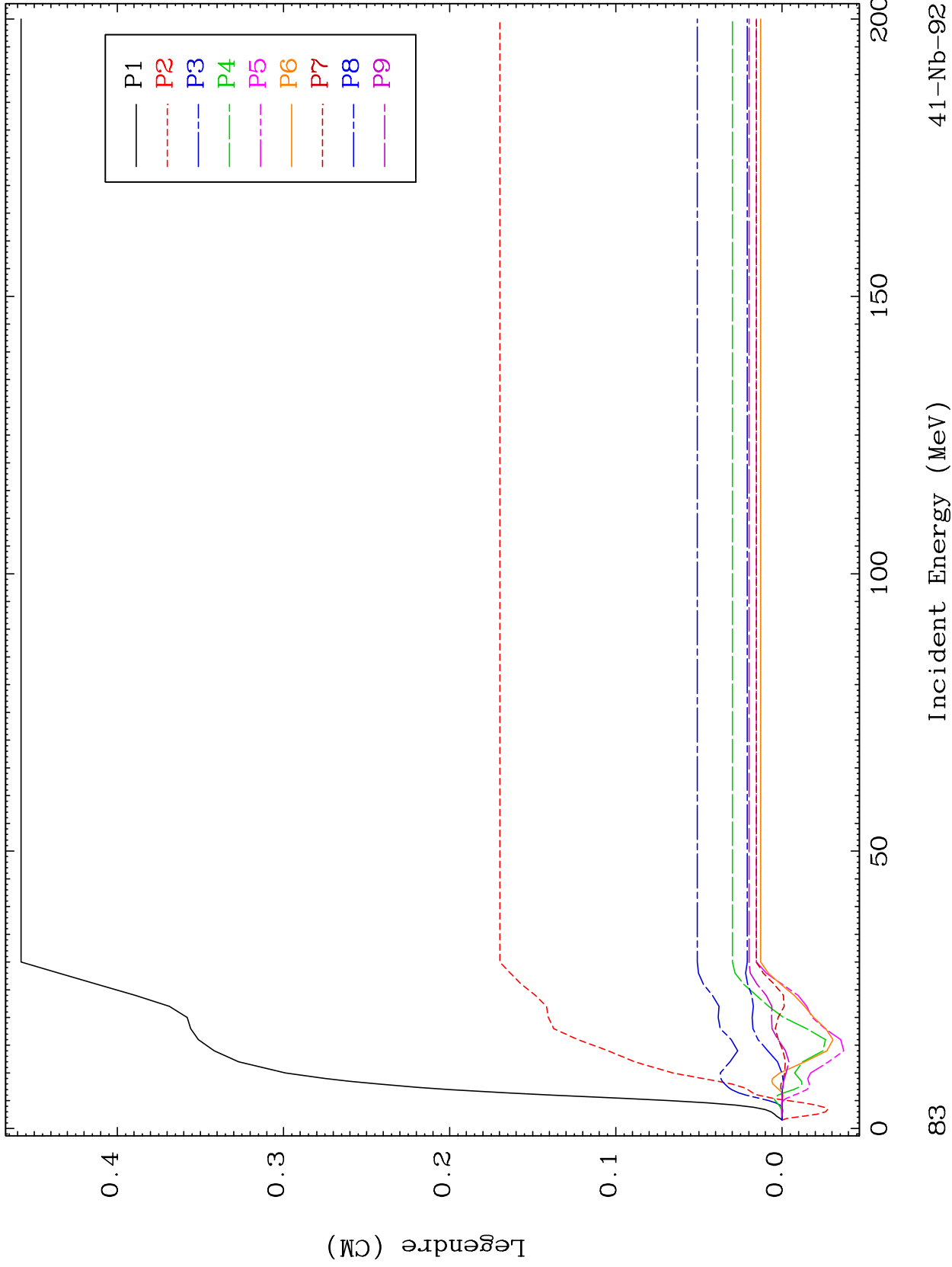








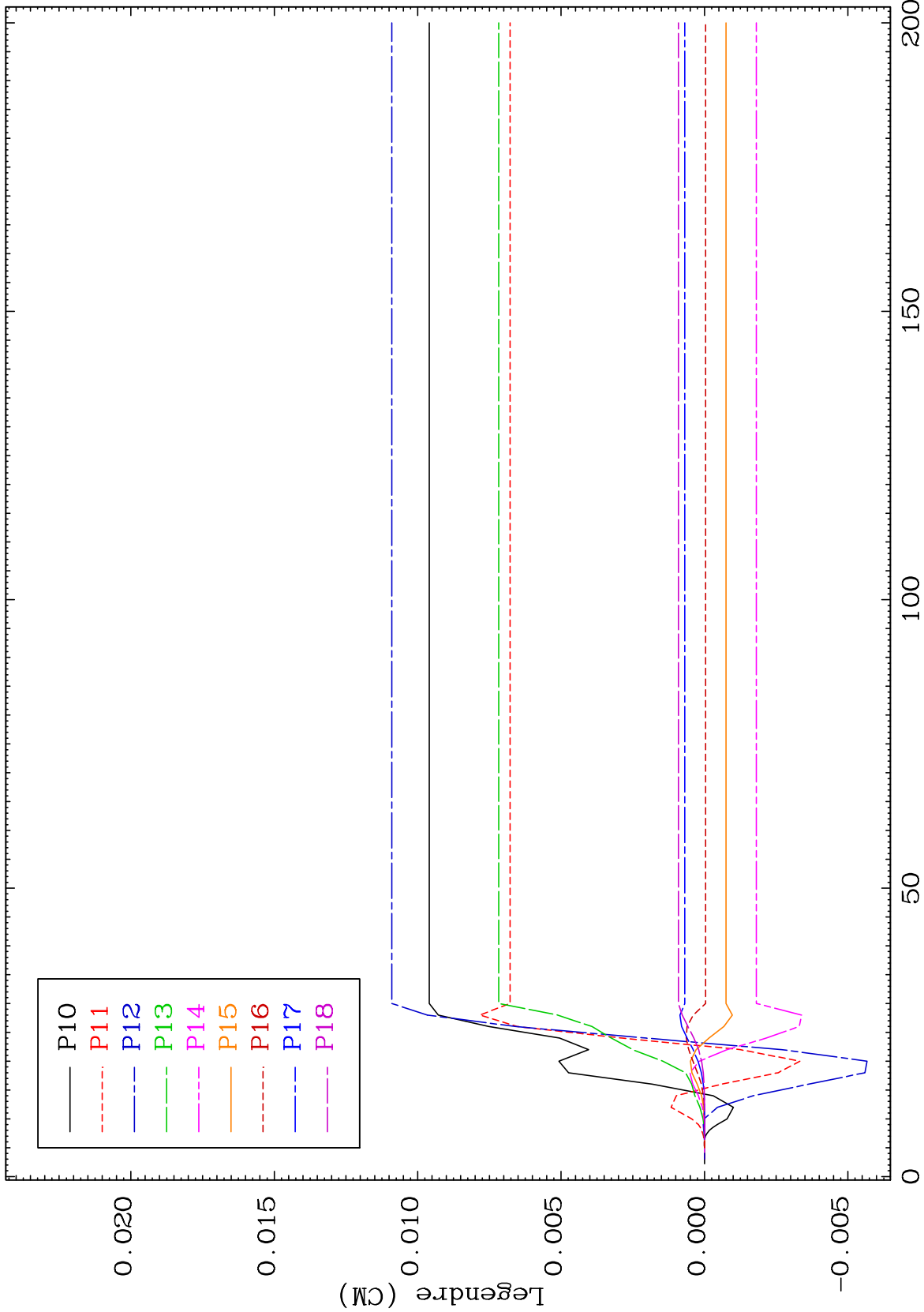




MAT 4122

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

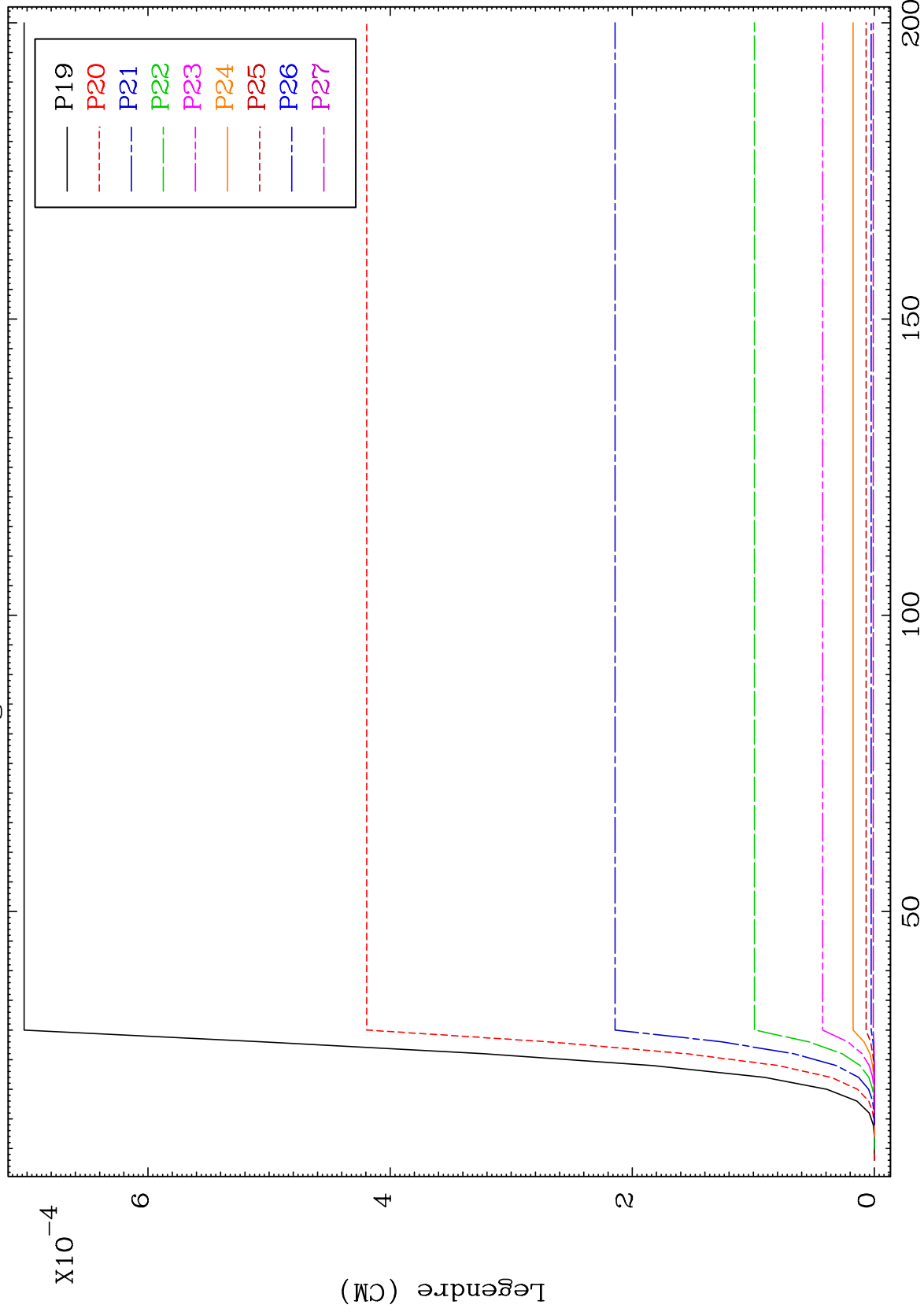
41-Nb-92



MAT 4122

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

41-Nb-92



85

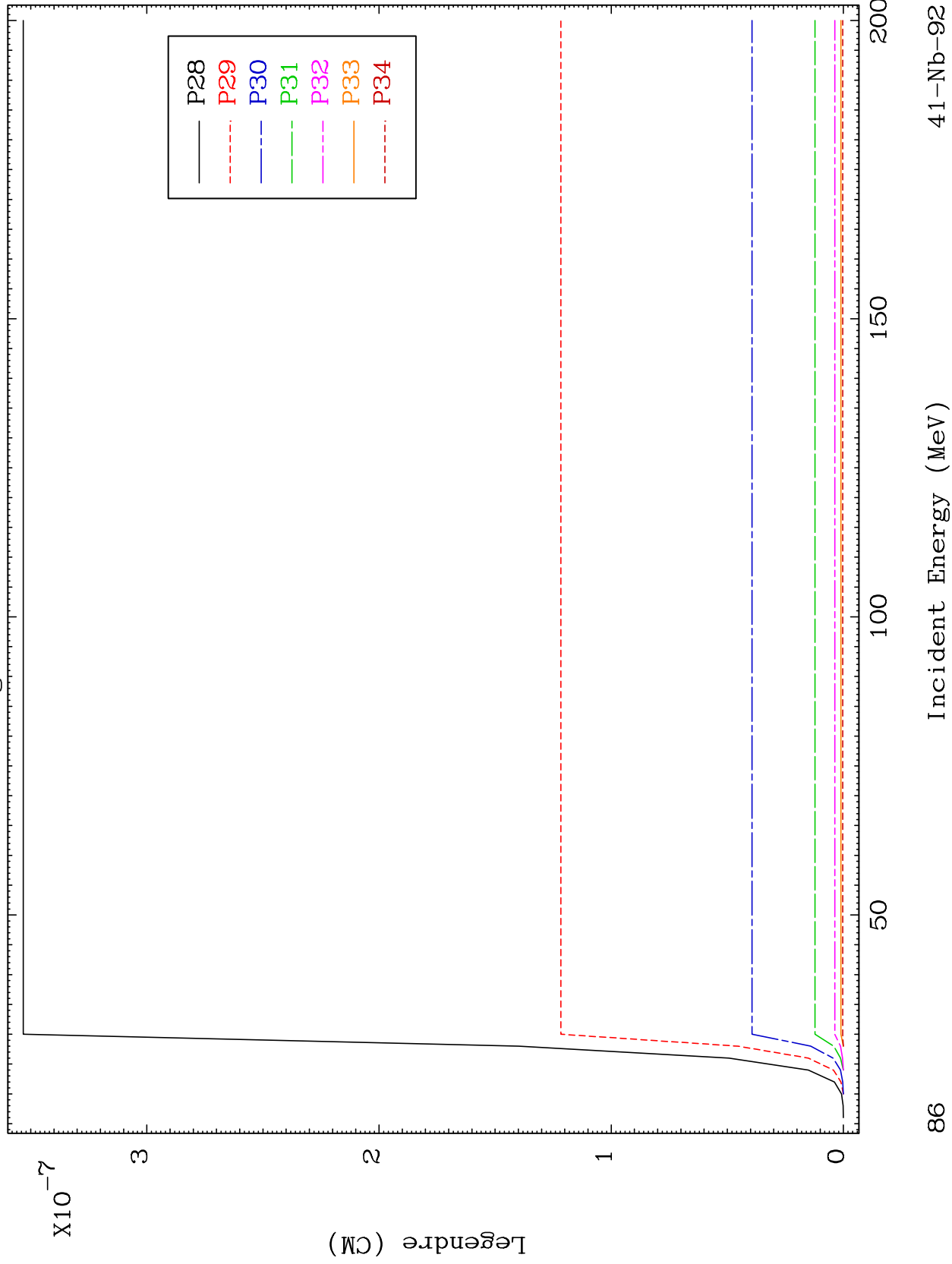
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

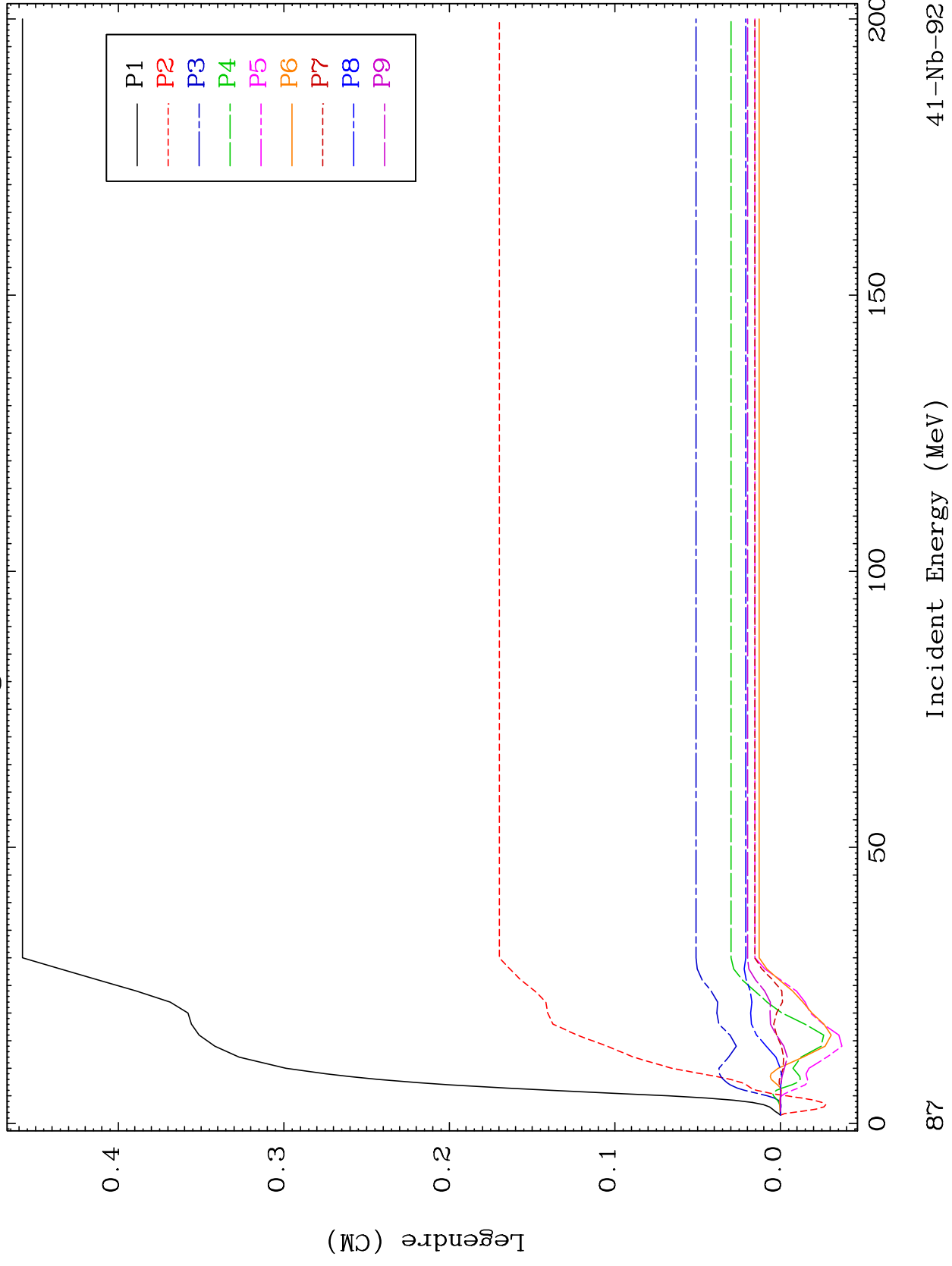
41-Nb-92



MAT 4122

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

41-Nb-92



41-Nb-92

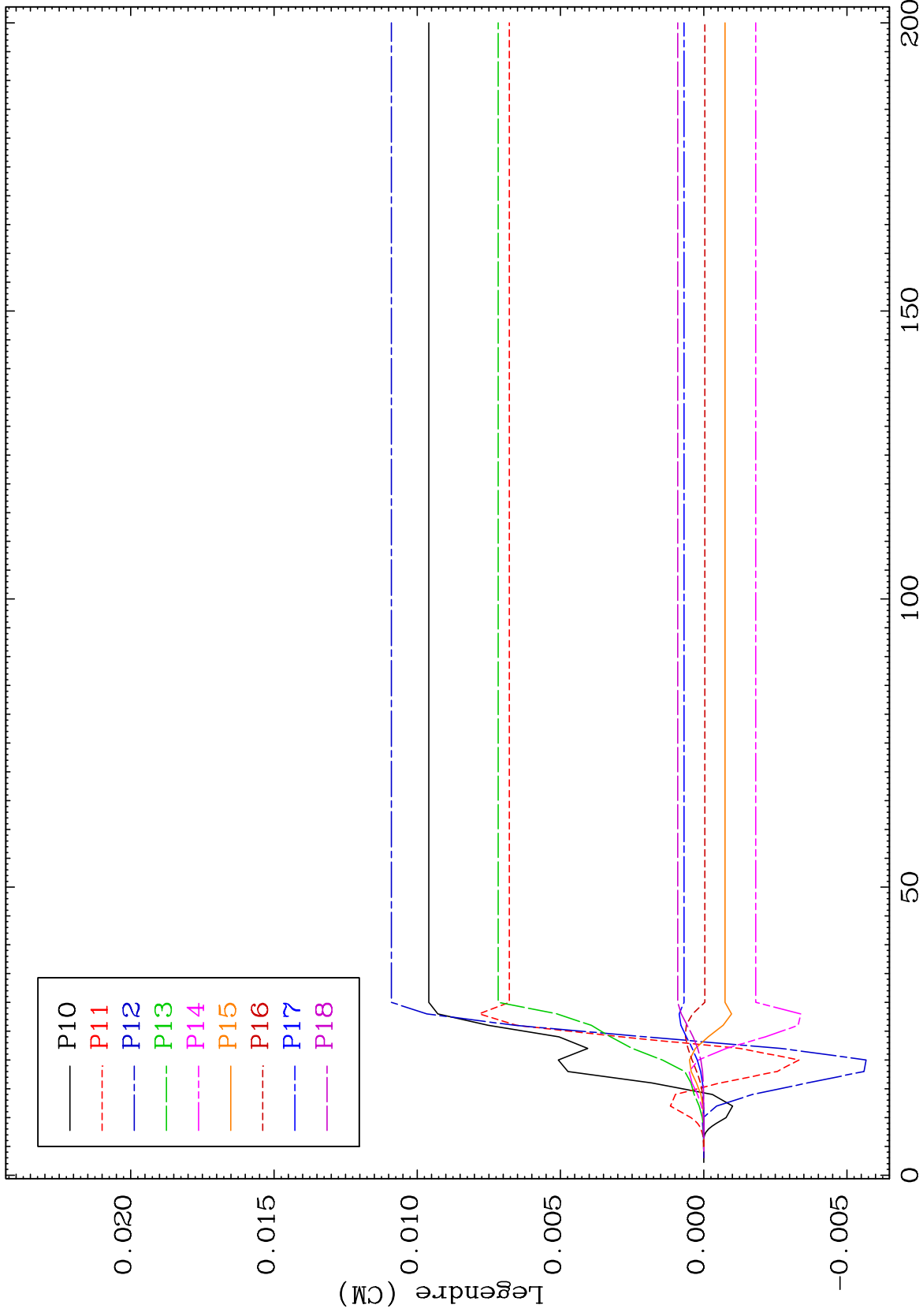
Incident Energy (MeV)

87

MAT 4122

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

41-Nb-92



88

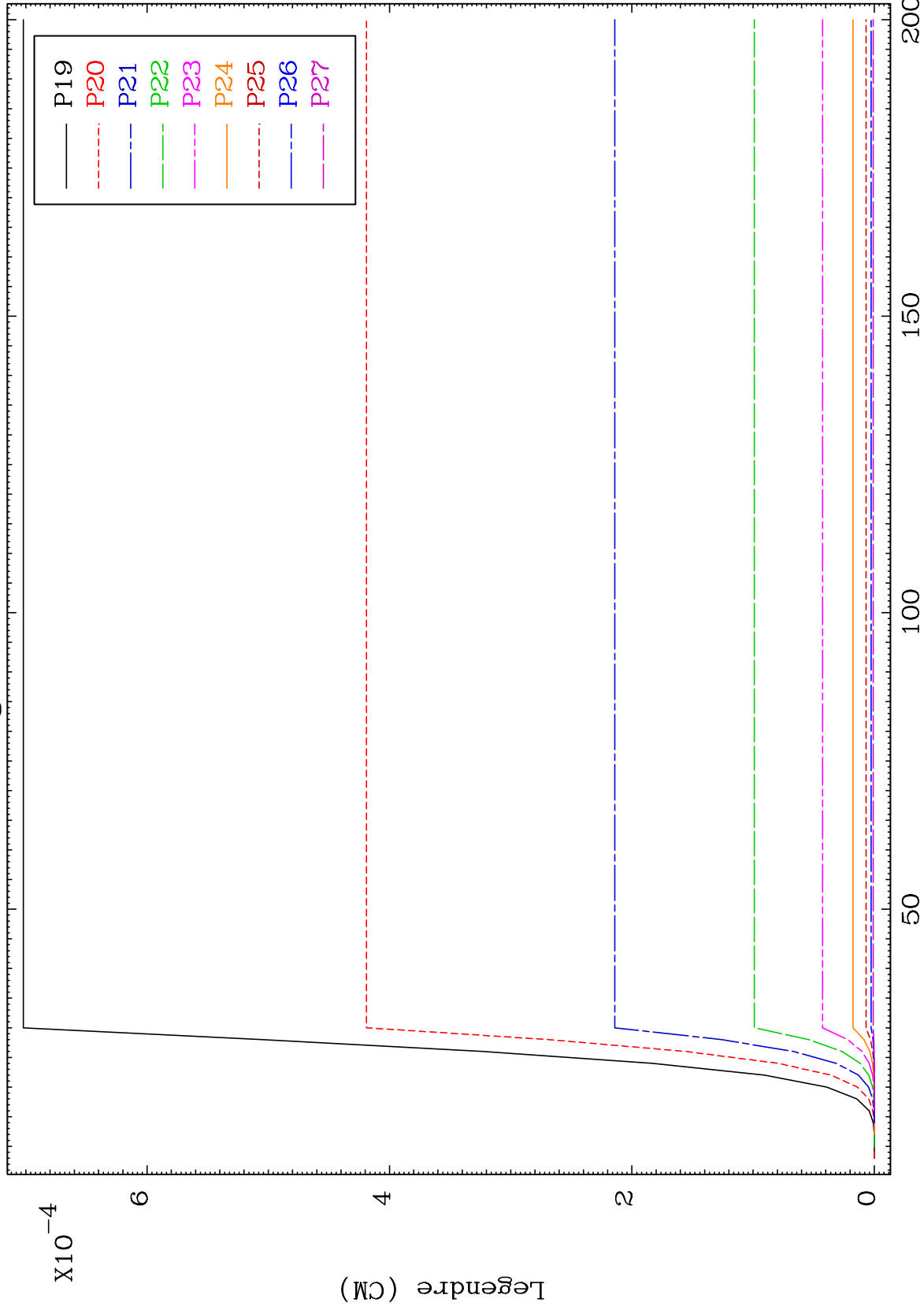
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



89

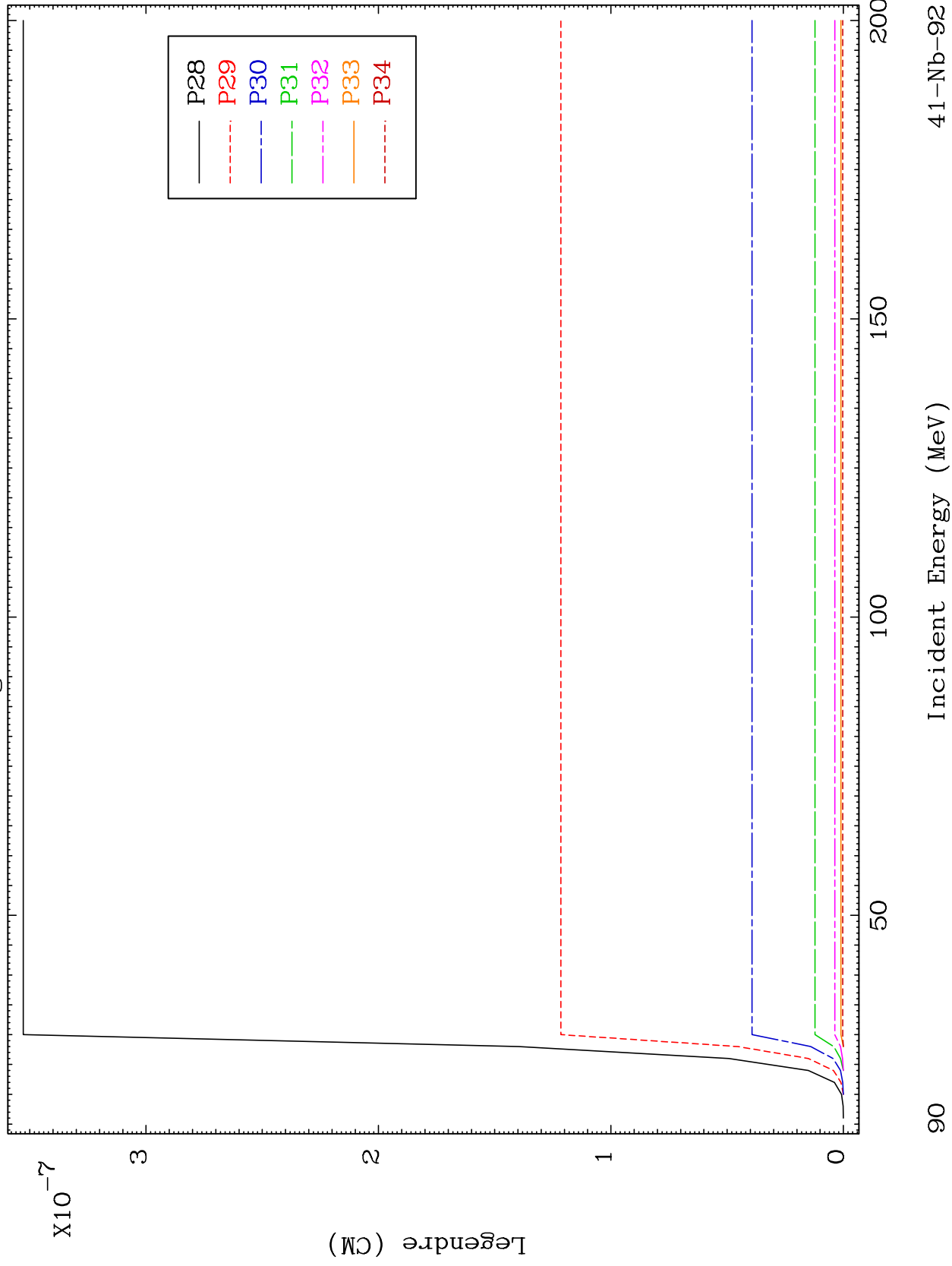
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

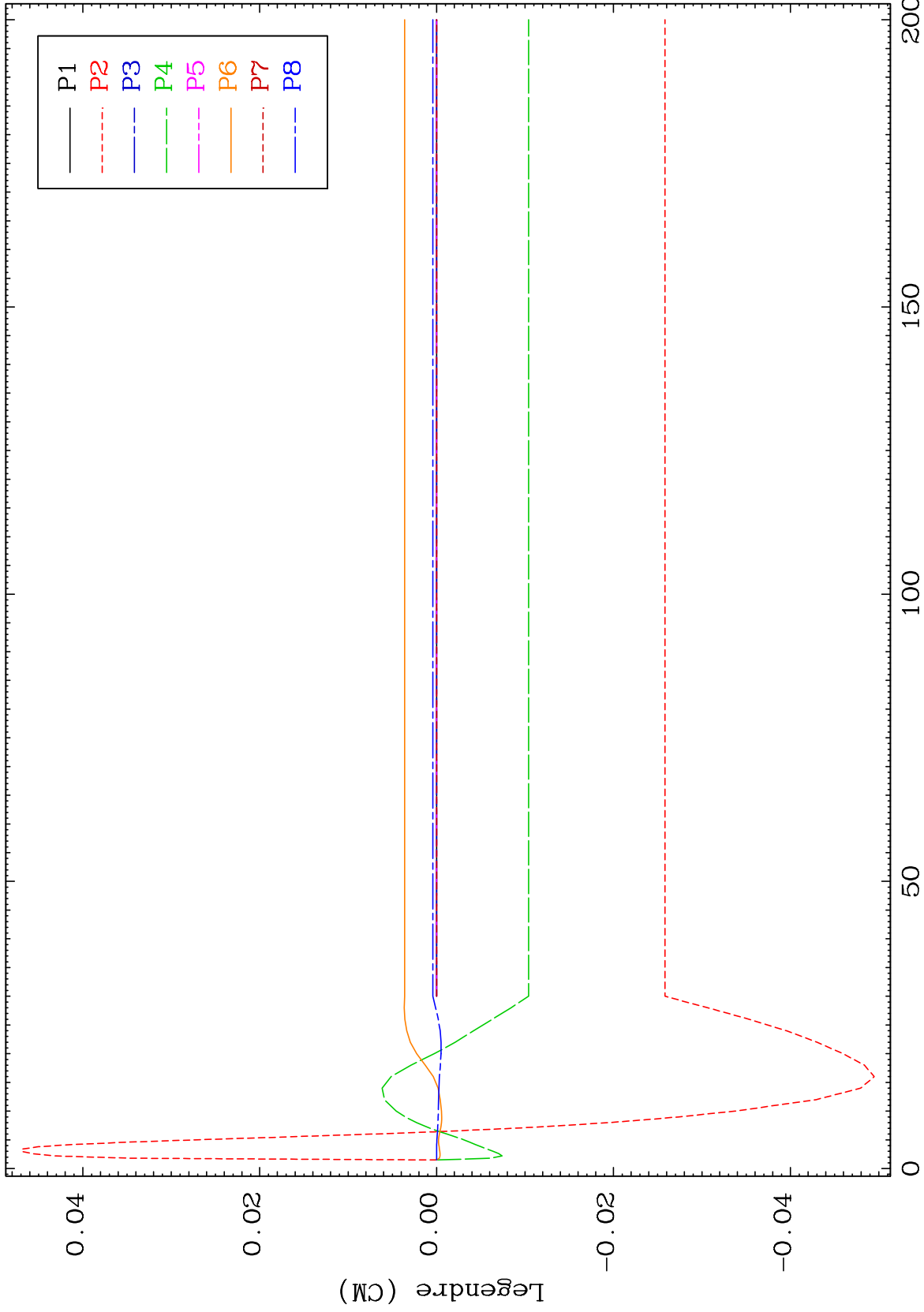
41-Nb-92



MAT 4122

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

41-Nb-92



91

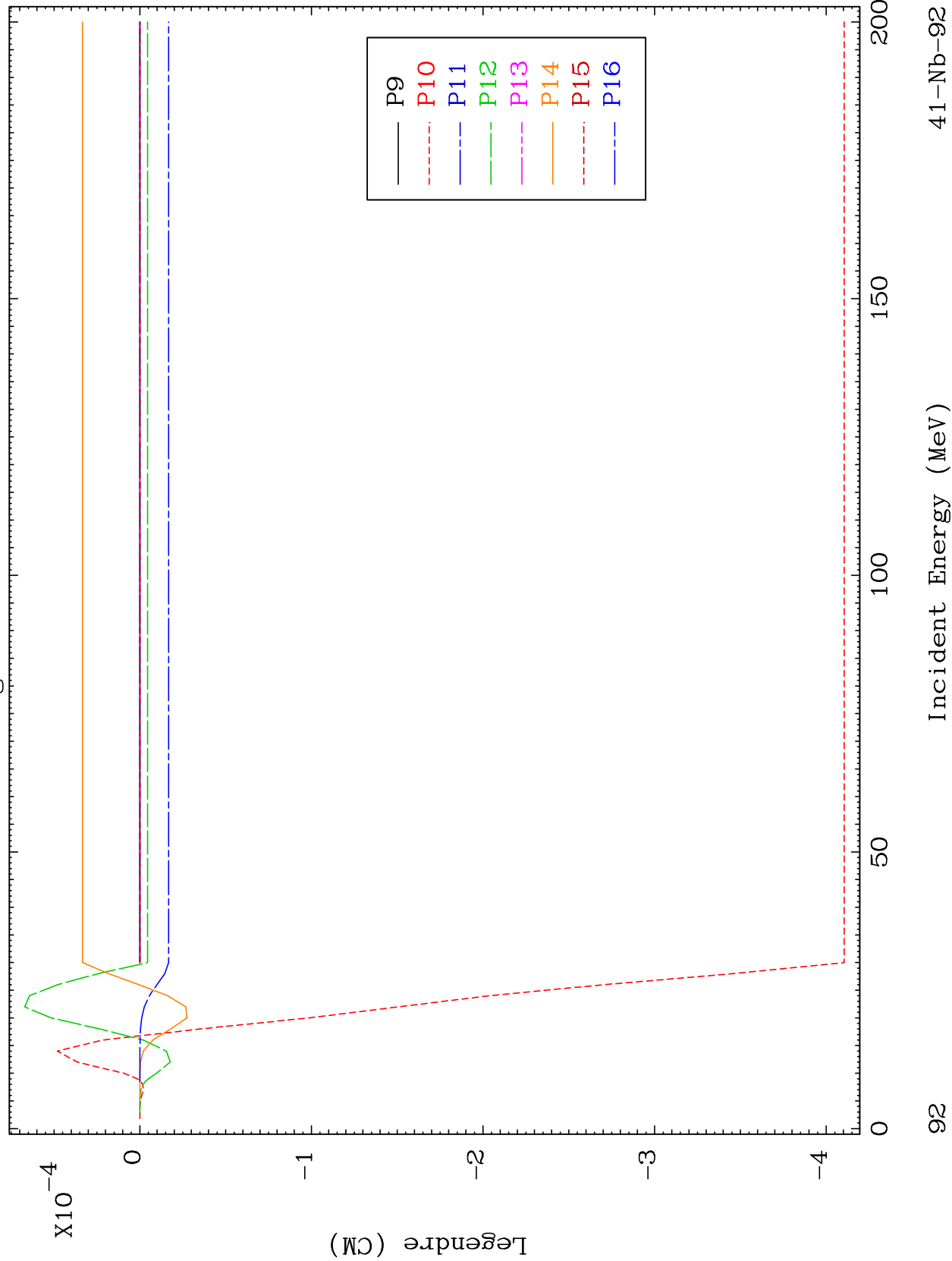
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



92

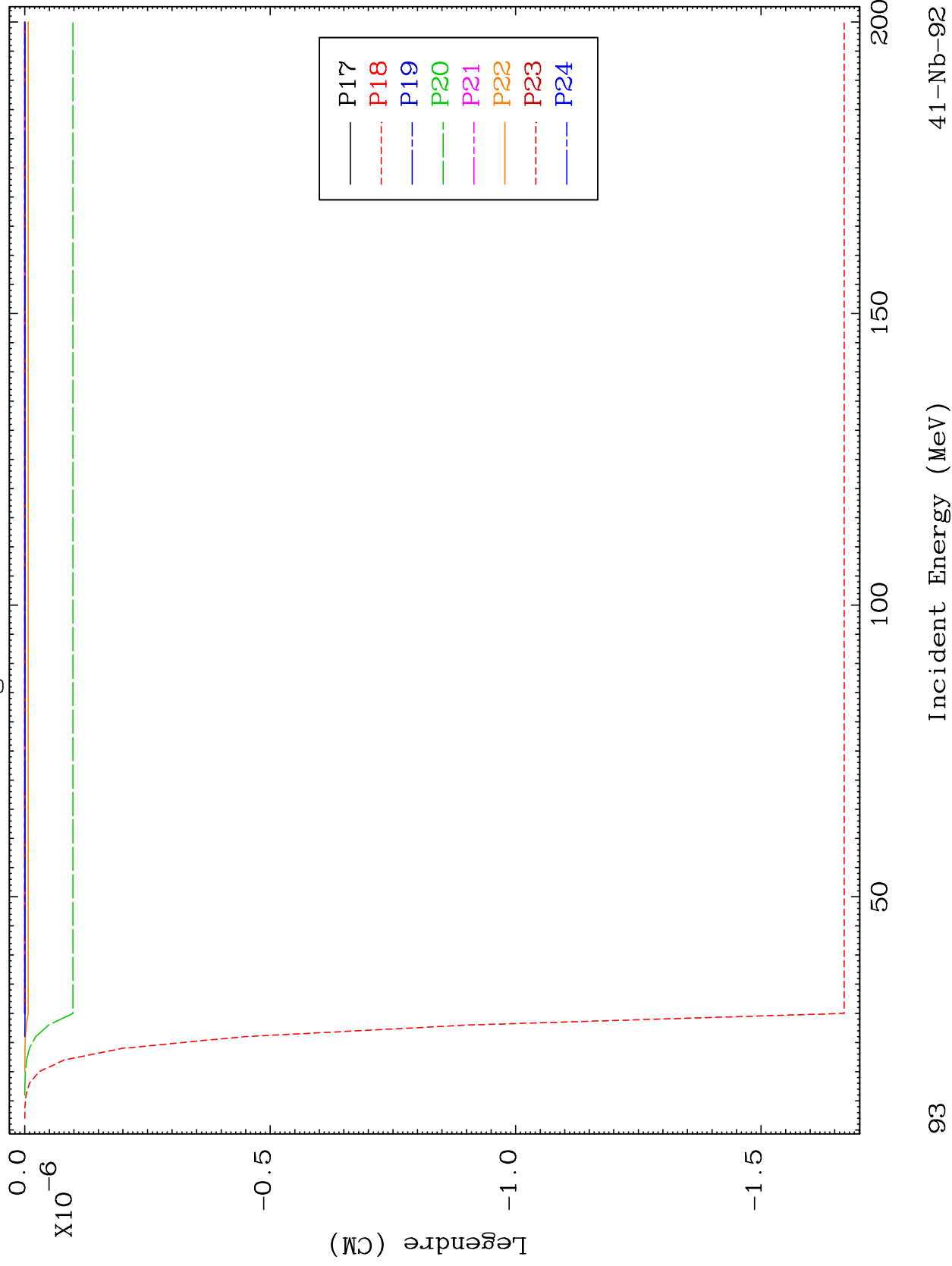
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



93

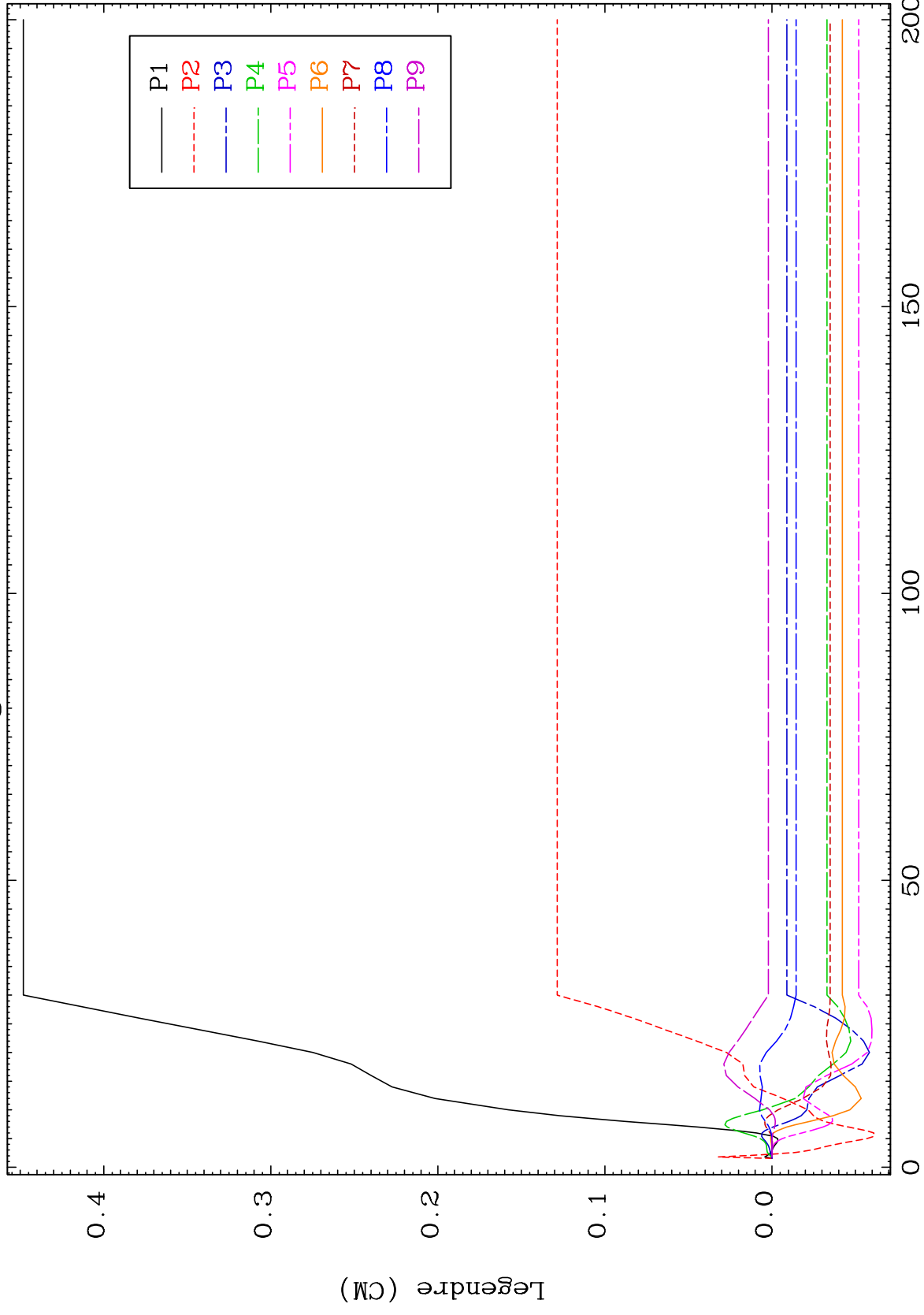
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



94

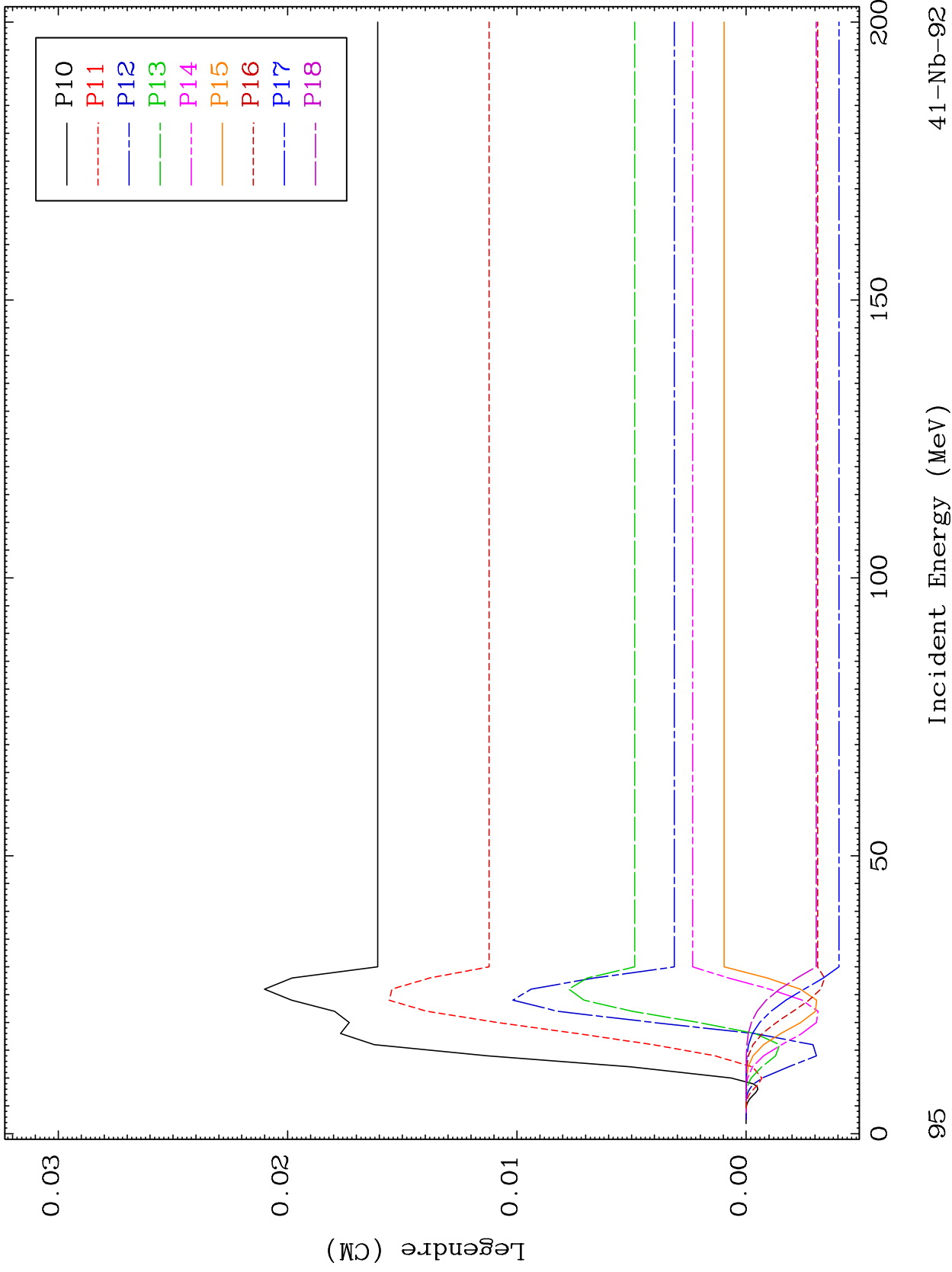
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



41-Nb-92

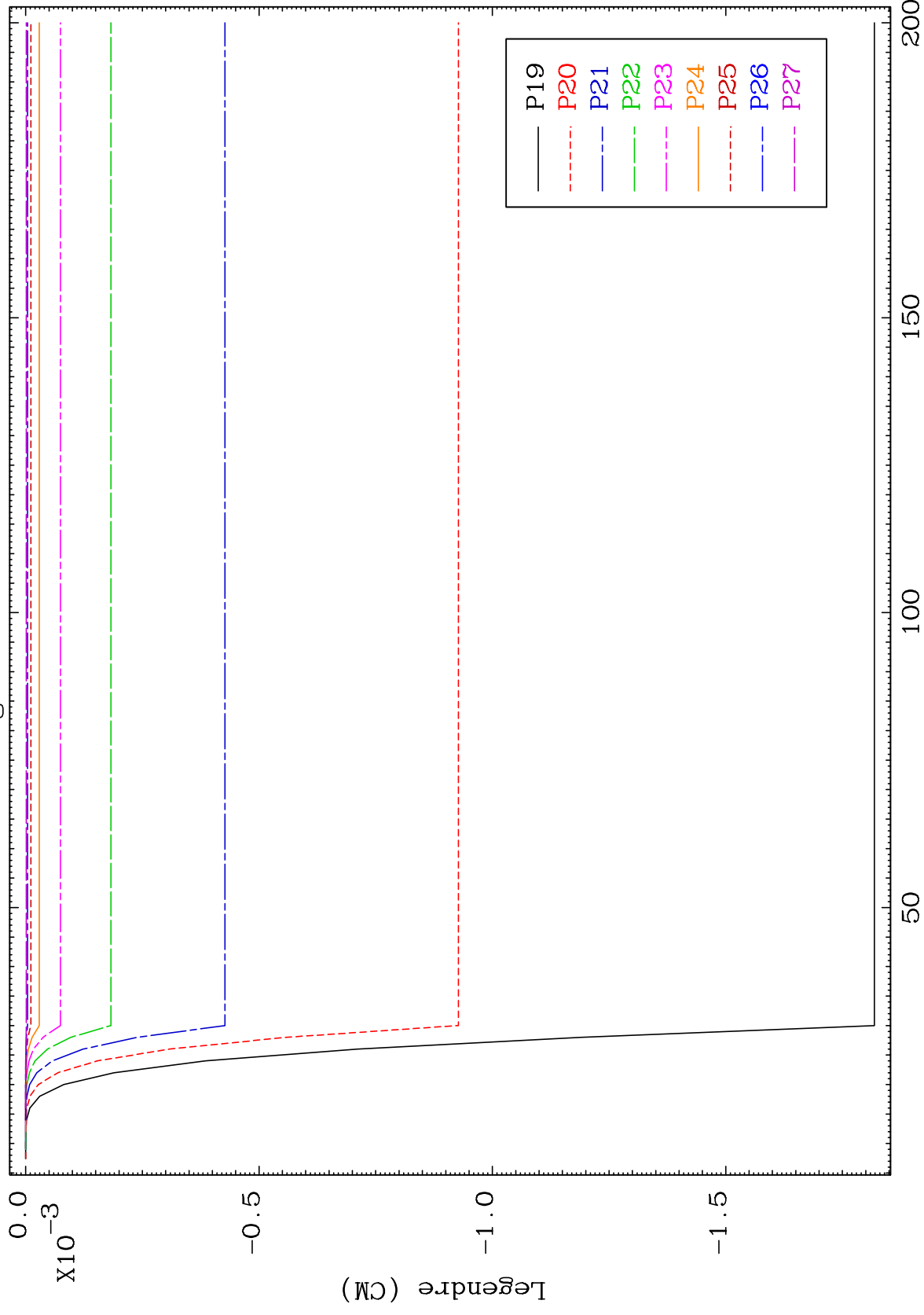
Incident Energy (MeV)

95

MAT 4122

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

41-Nb-92

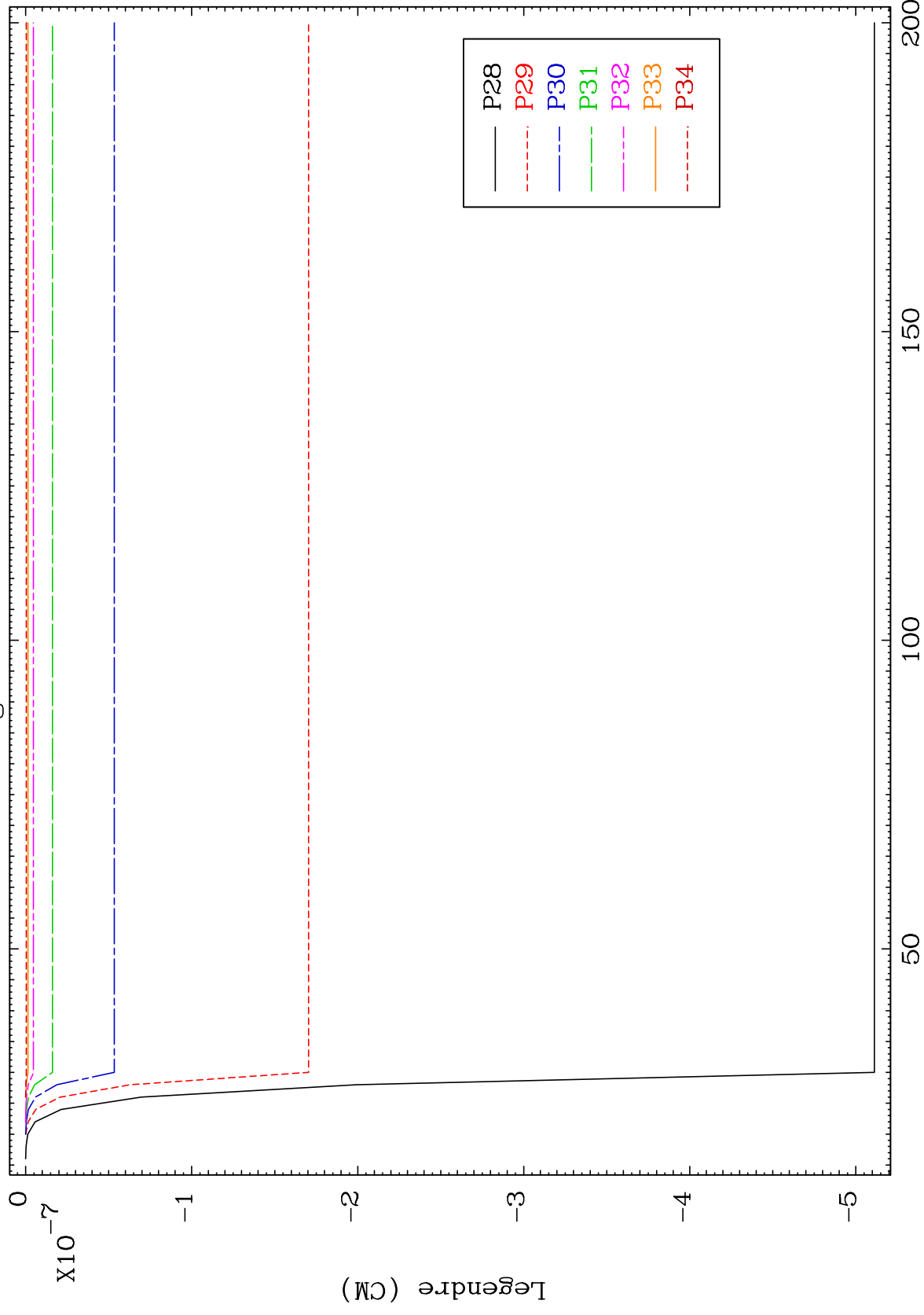


MAT 4122

MT= 73 (n,n') Level

41-Nb-92

Legendre Coefficients



41-Nb-92

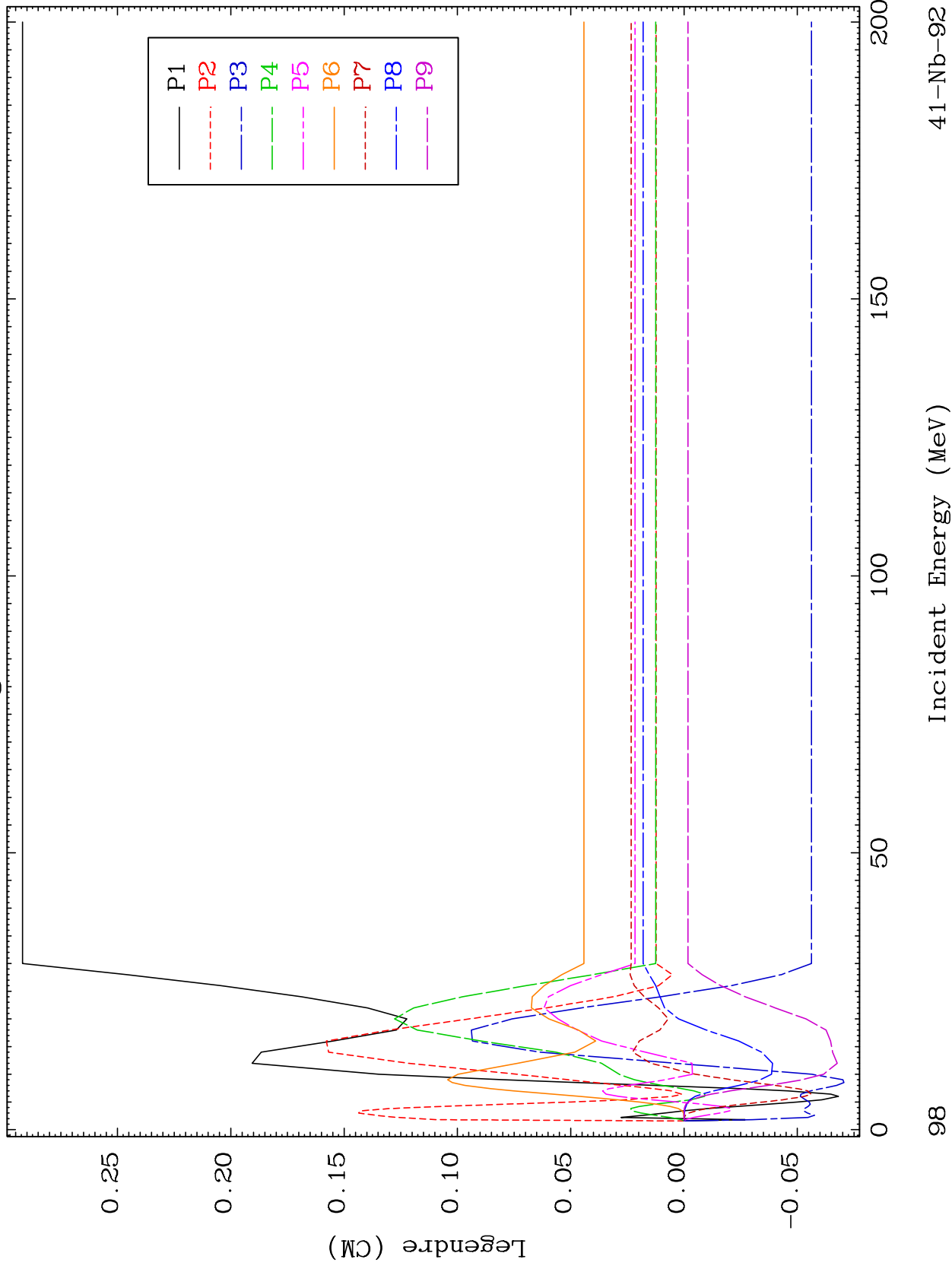
Incident Energy (MeV)

97

MAT 4122

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

41-Nb-92



41-Nb-92

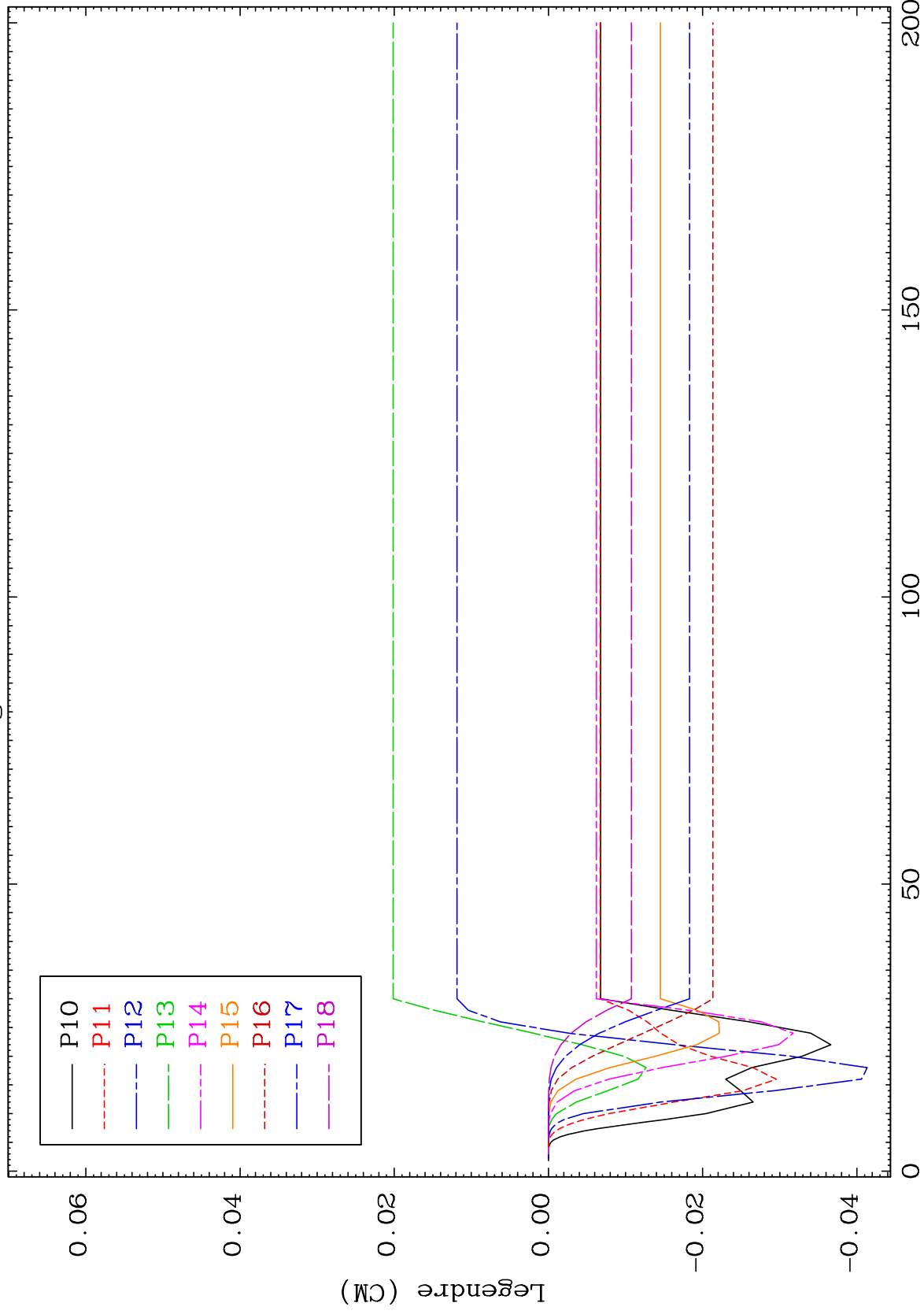
Incident Energy (MeV)

98

MAT 4122

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

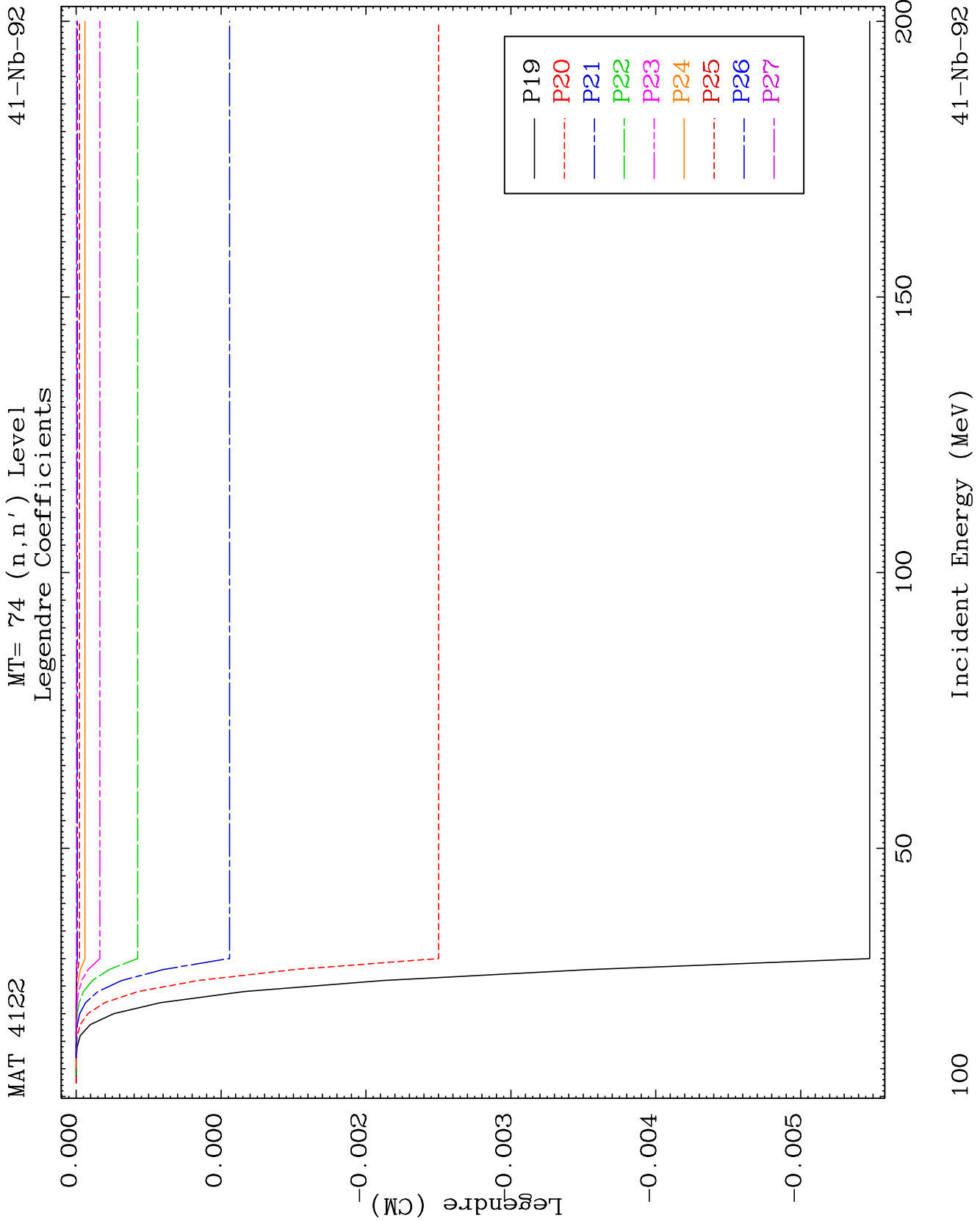
41-Nb-92

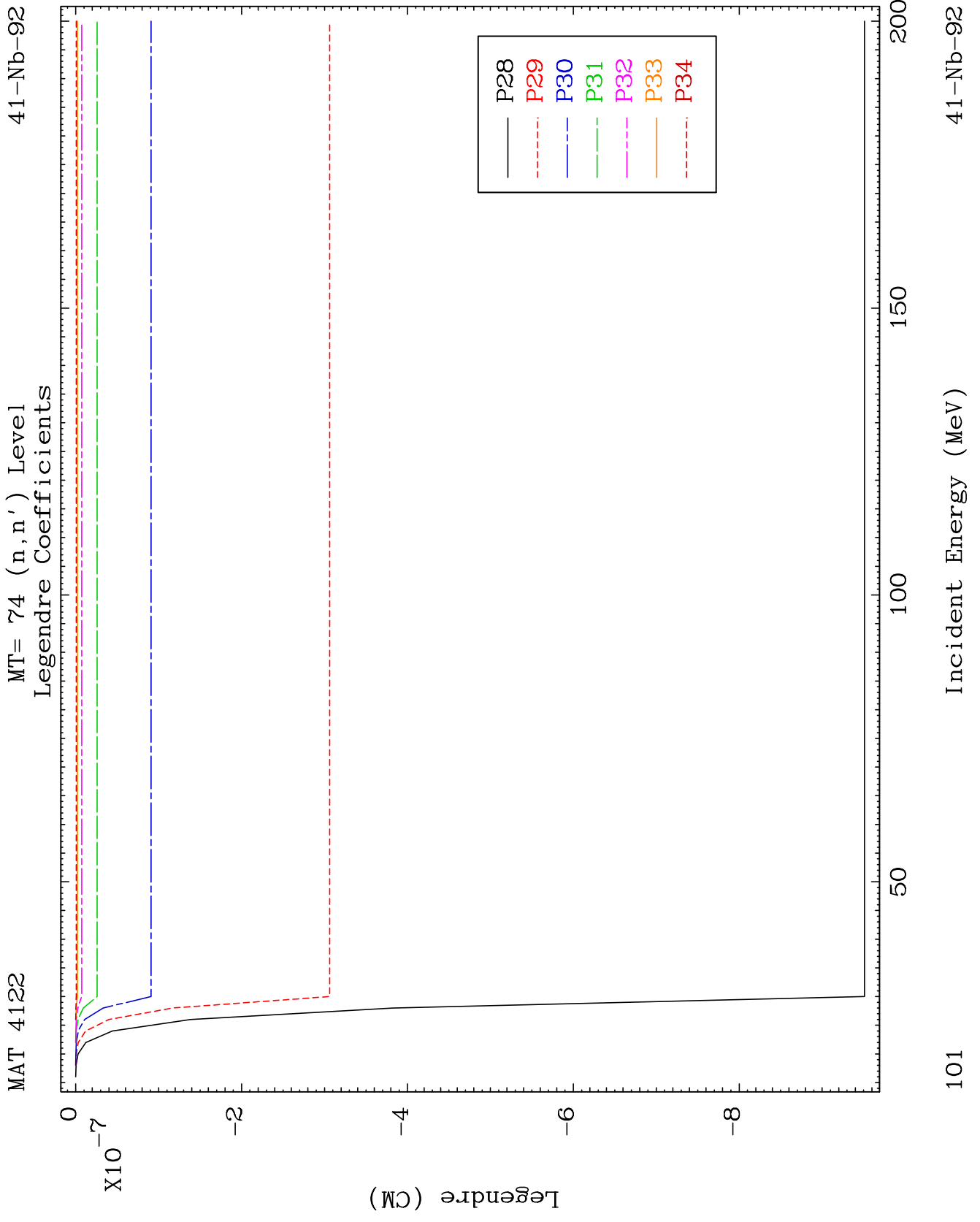


99

Incident Energy (MeV)

41-Nb-92

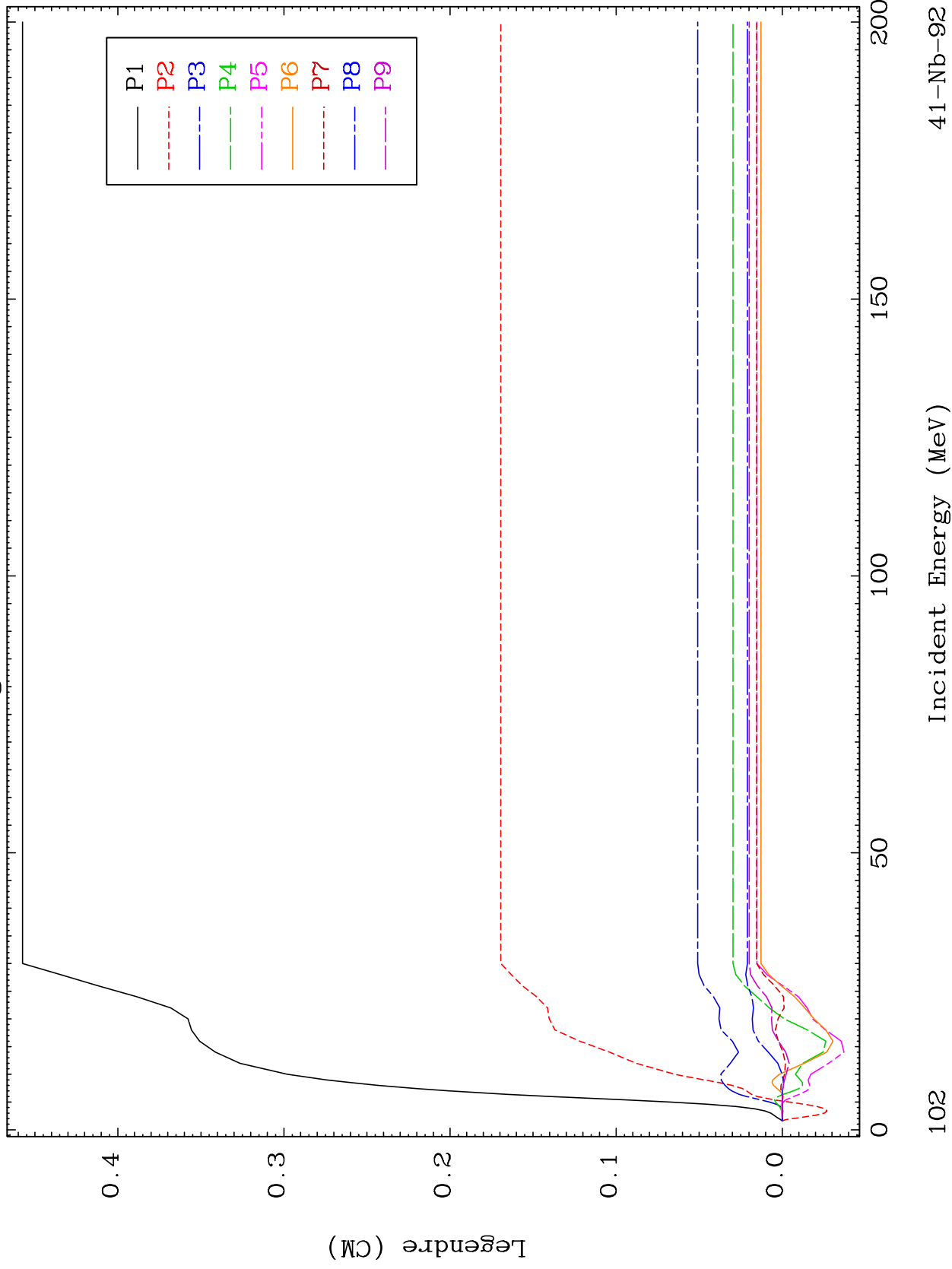




MAT 4122

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

41-Nb-92



41-Nb-92

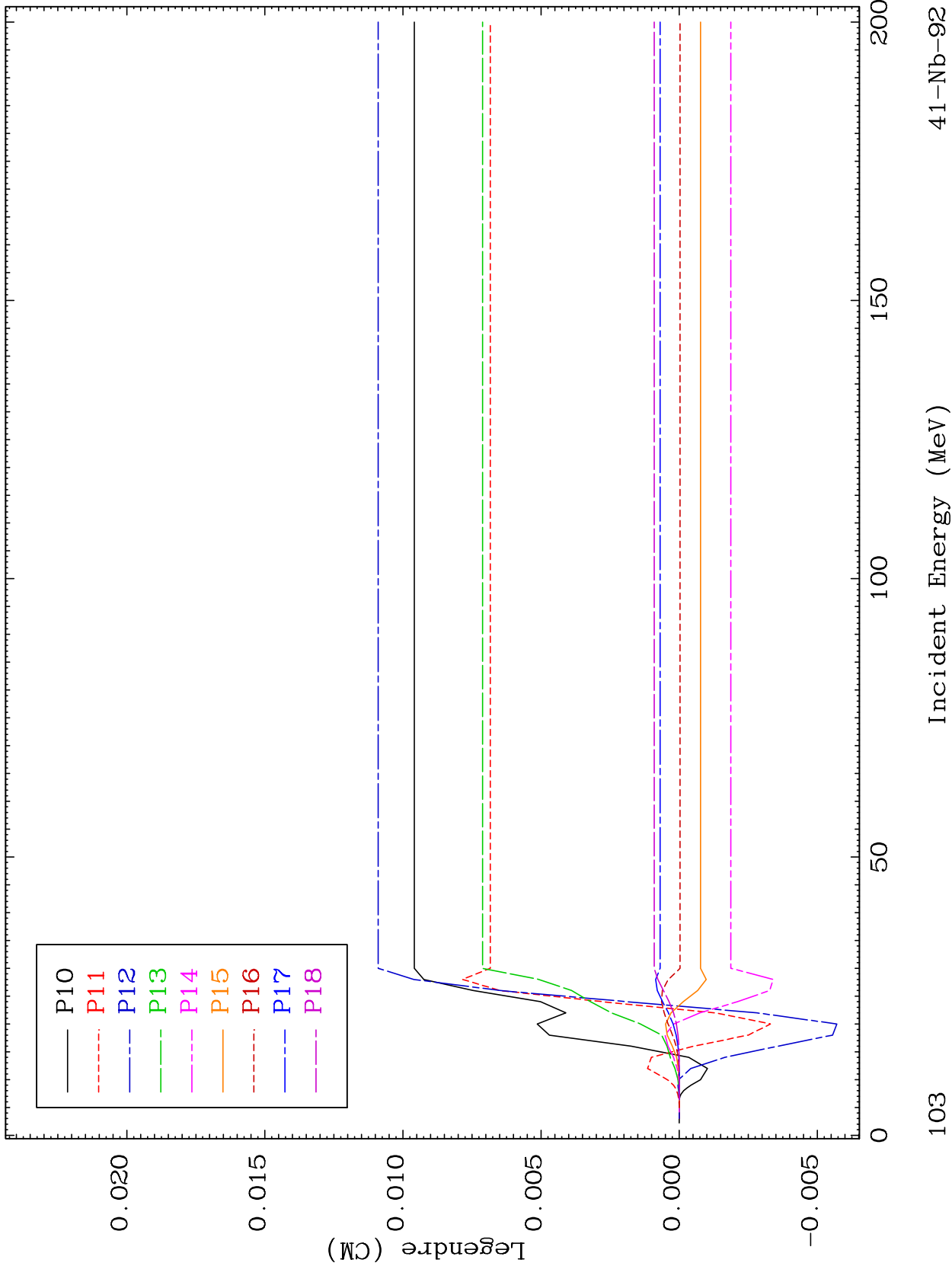
Incident Energy (MeV)

102

MAT 4122

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

41-Nb-92



103

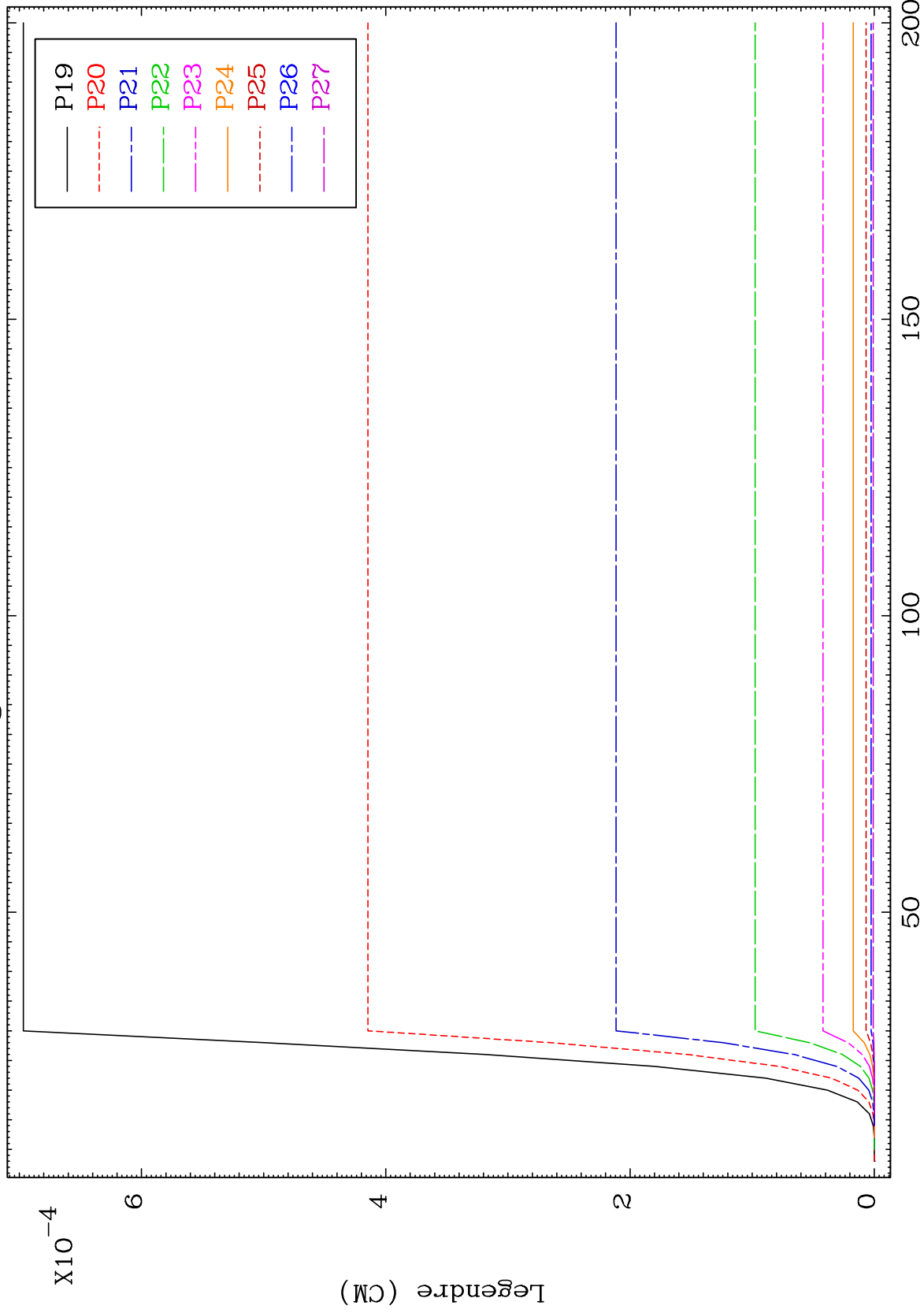
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



104

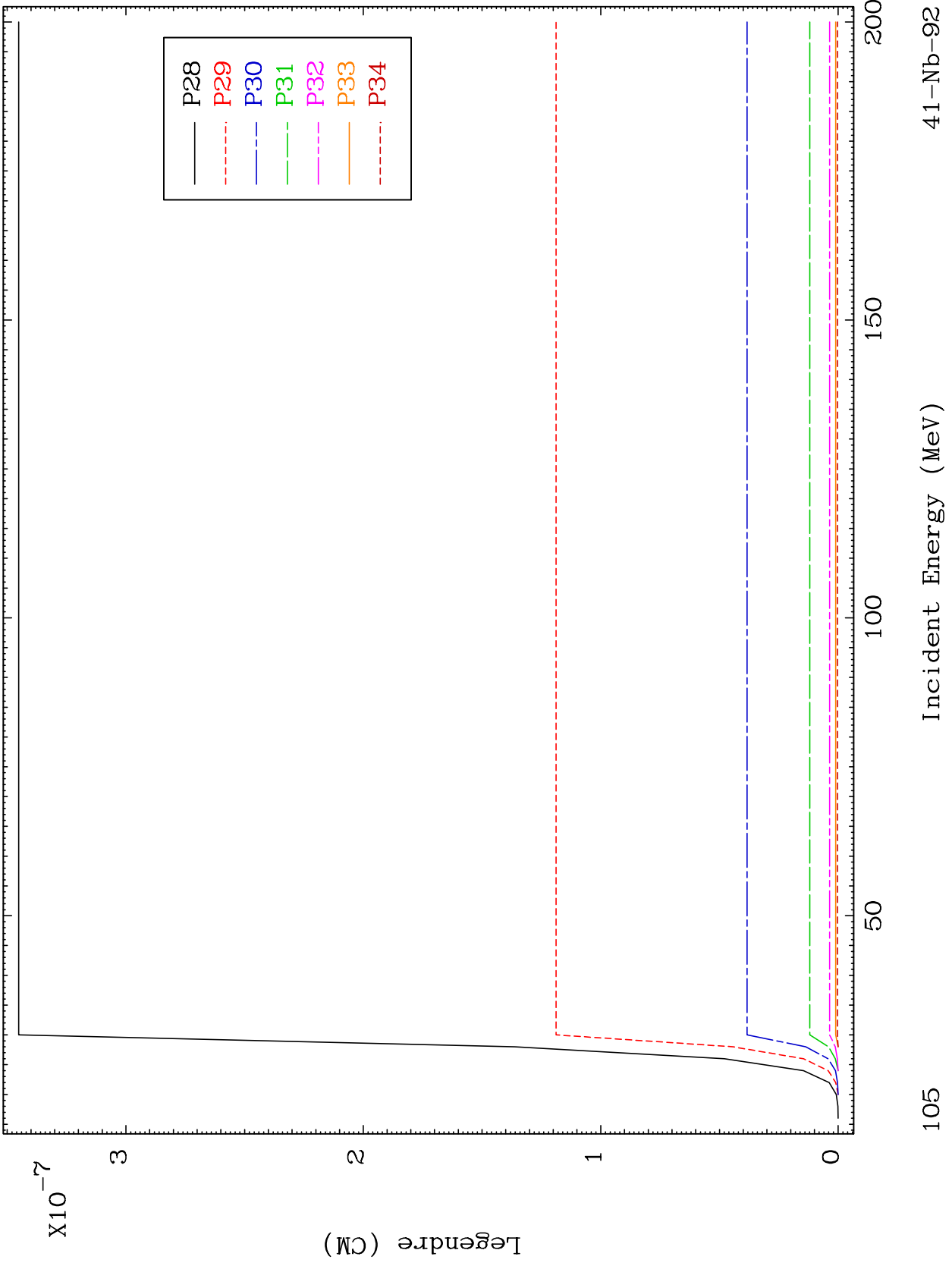
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

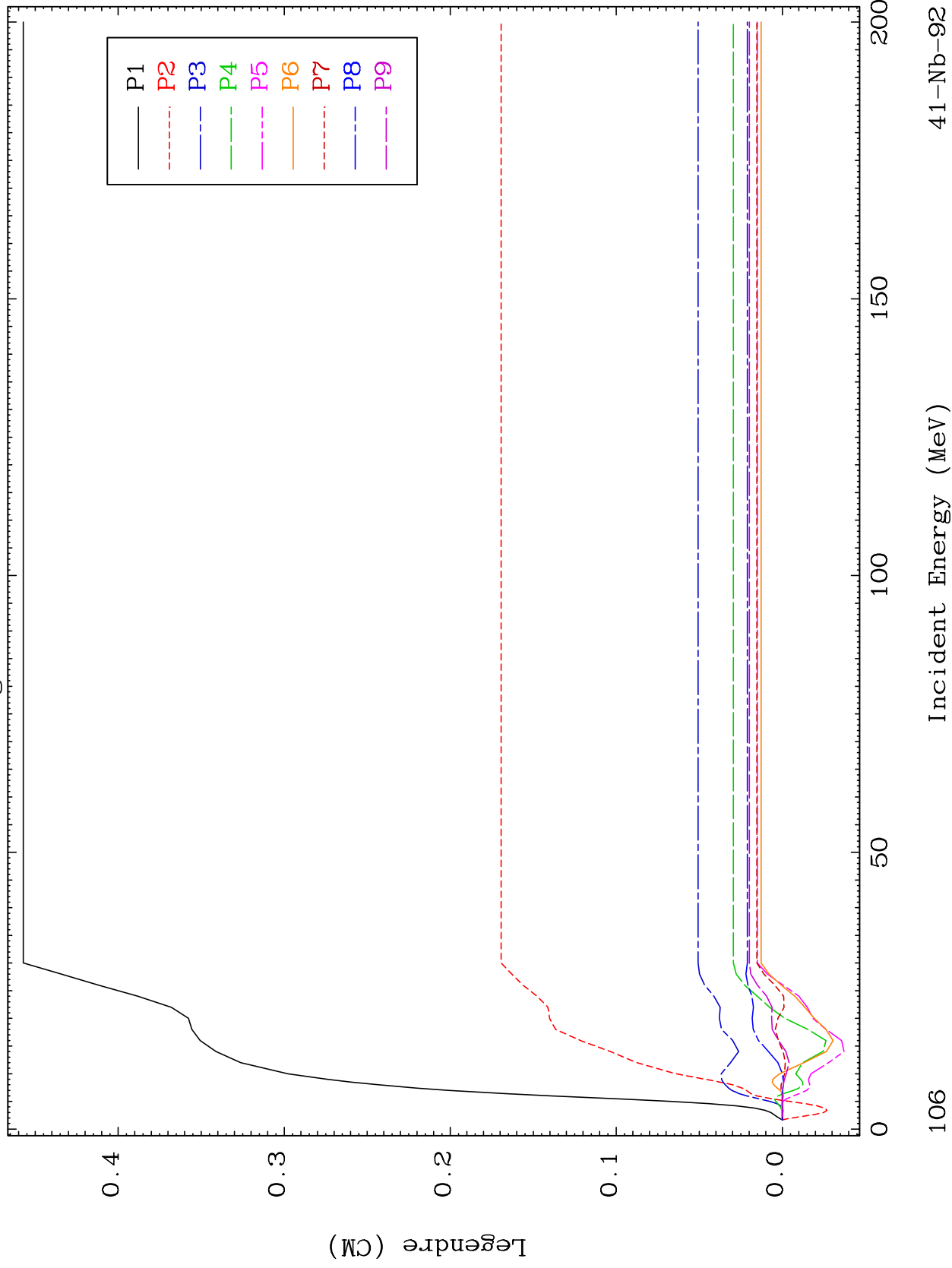
41-Nb-92



MAT 4122

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

41-Nb-92



41-Nb-92

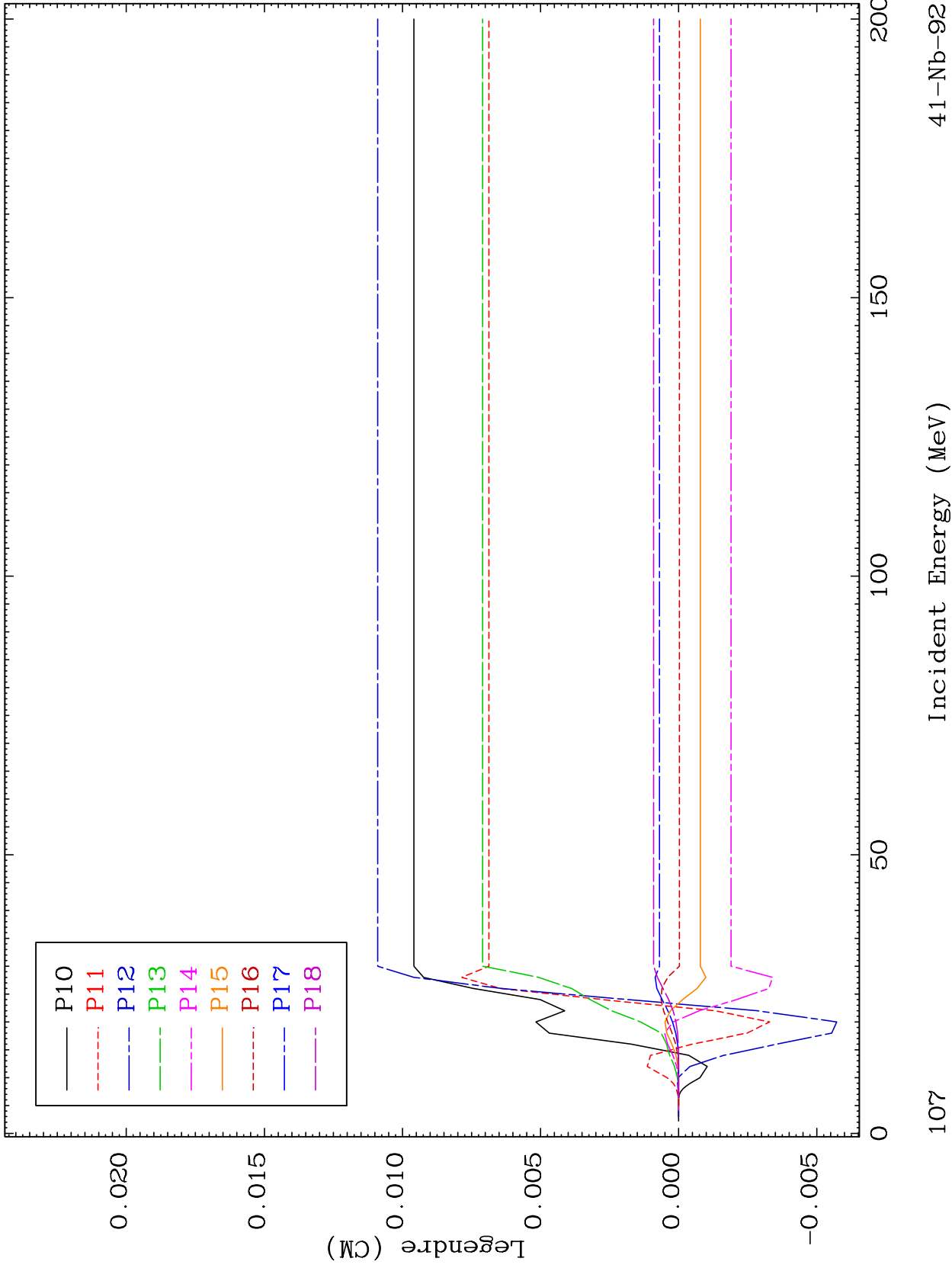
Incident Energy (MeV)

106

MAT 4122

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

41-Nb-92



107

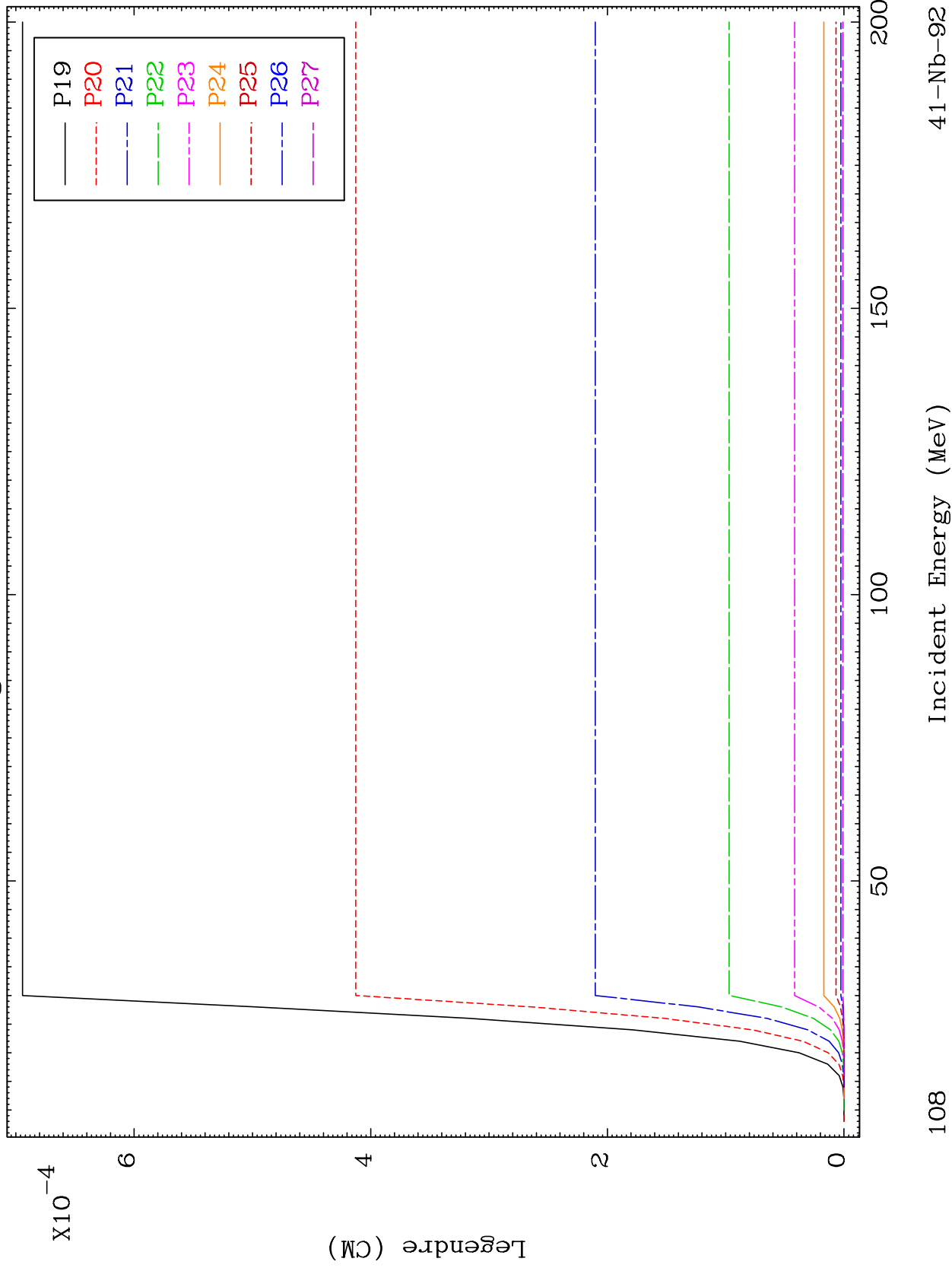
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



108

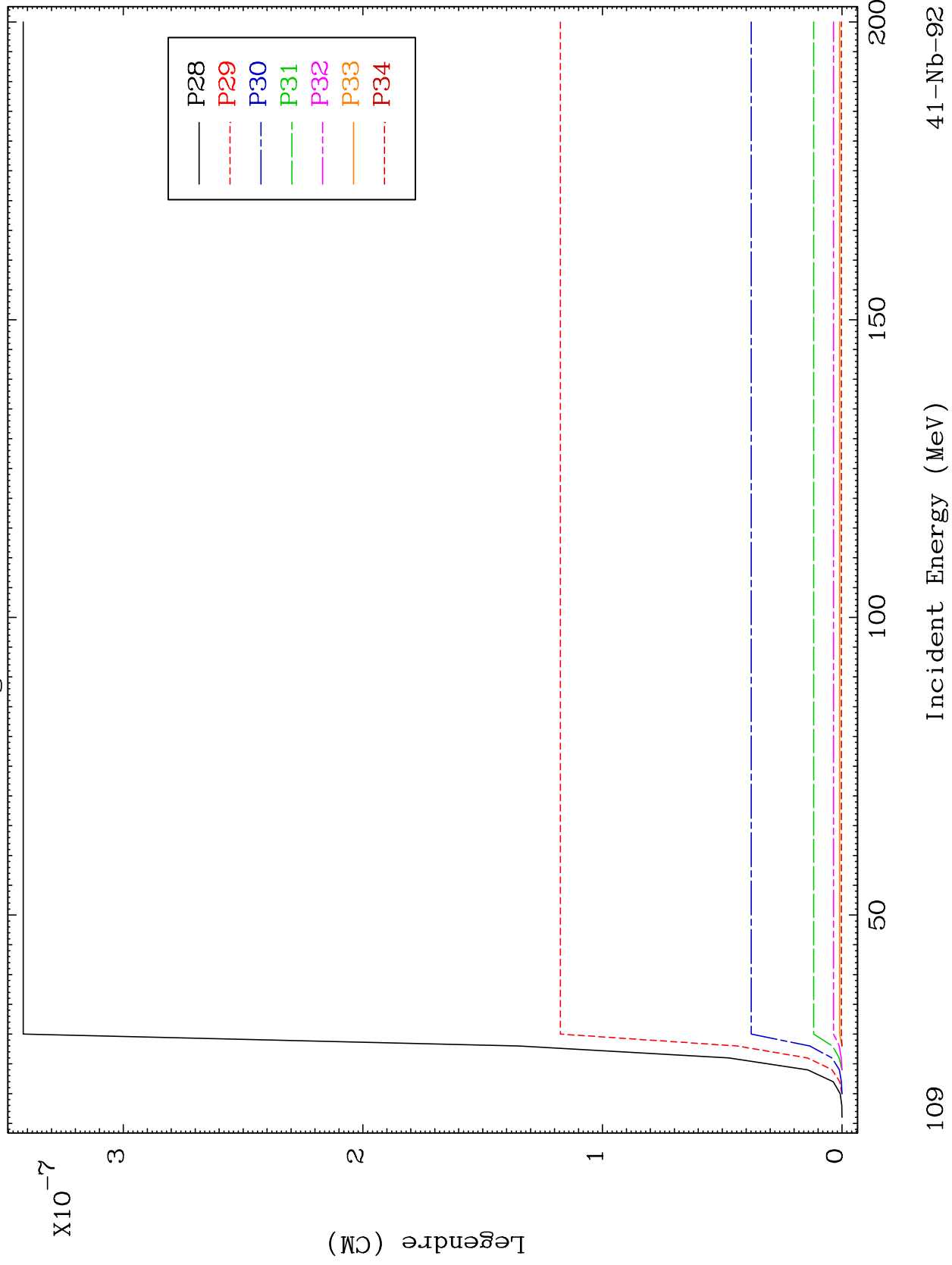
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92

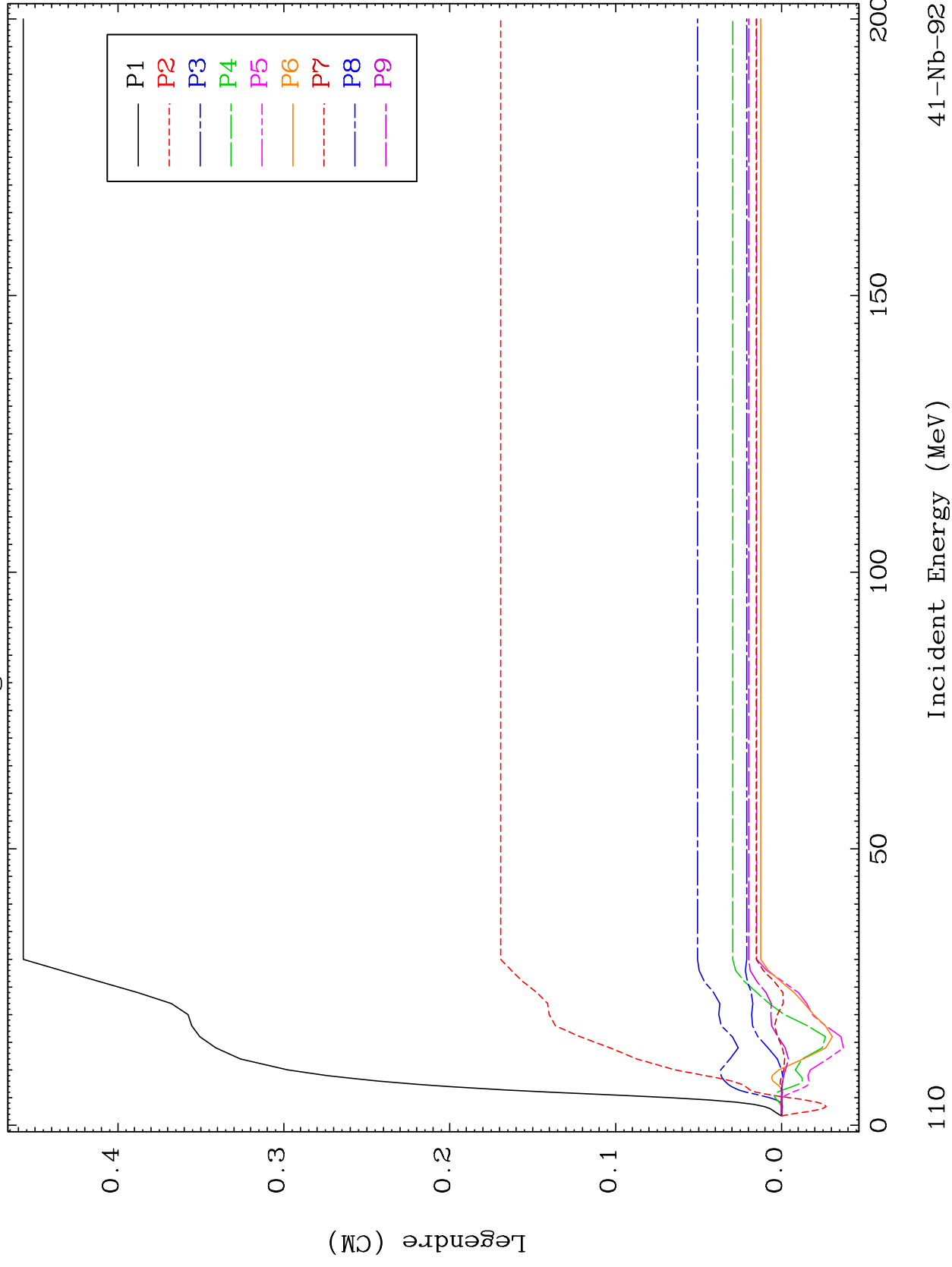


109

MAT 4122

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

41-Nb-92

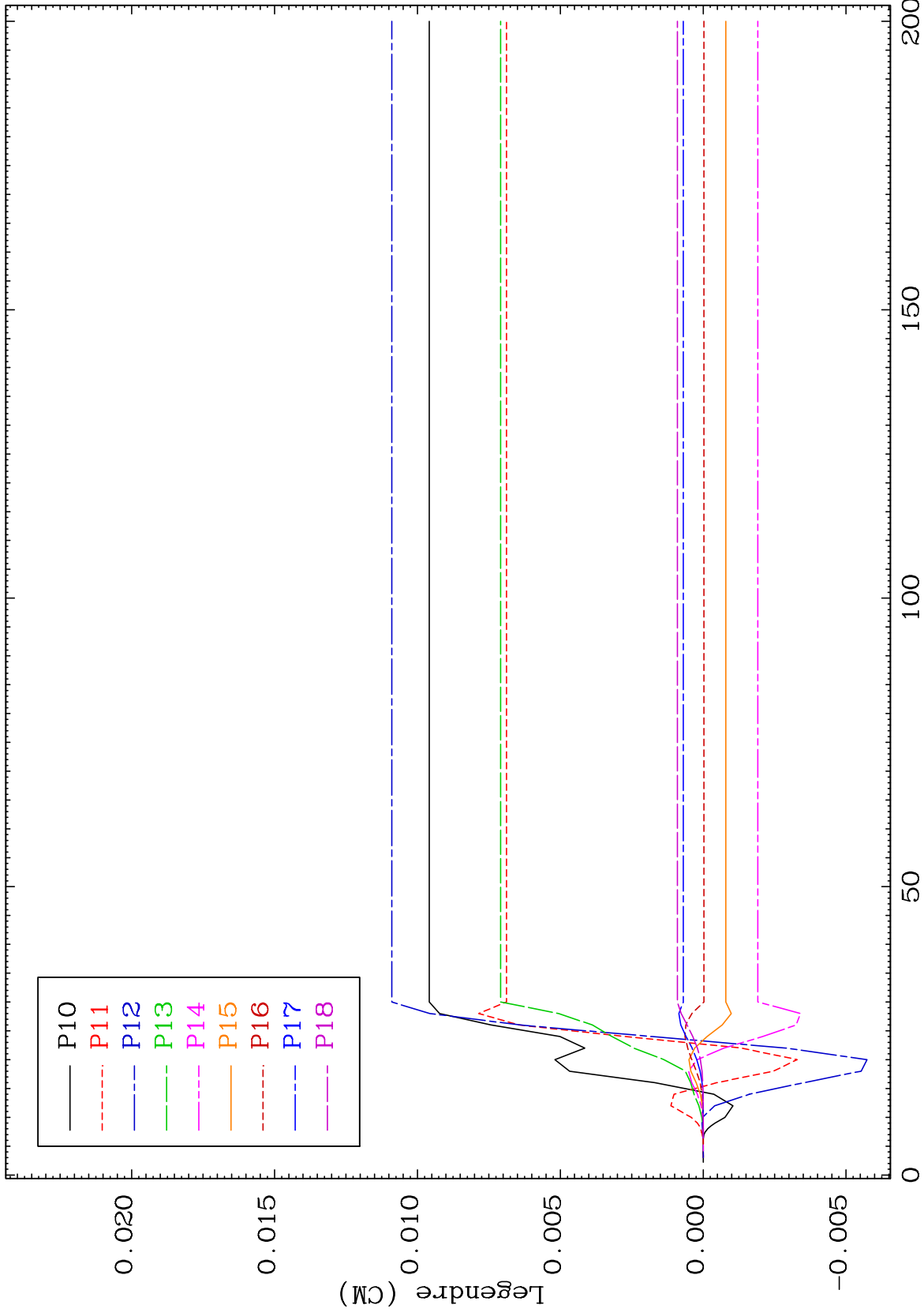


41-Nb-92

MAT 4122

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

41-Nb-92



111

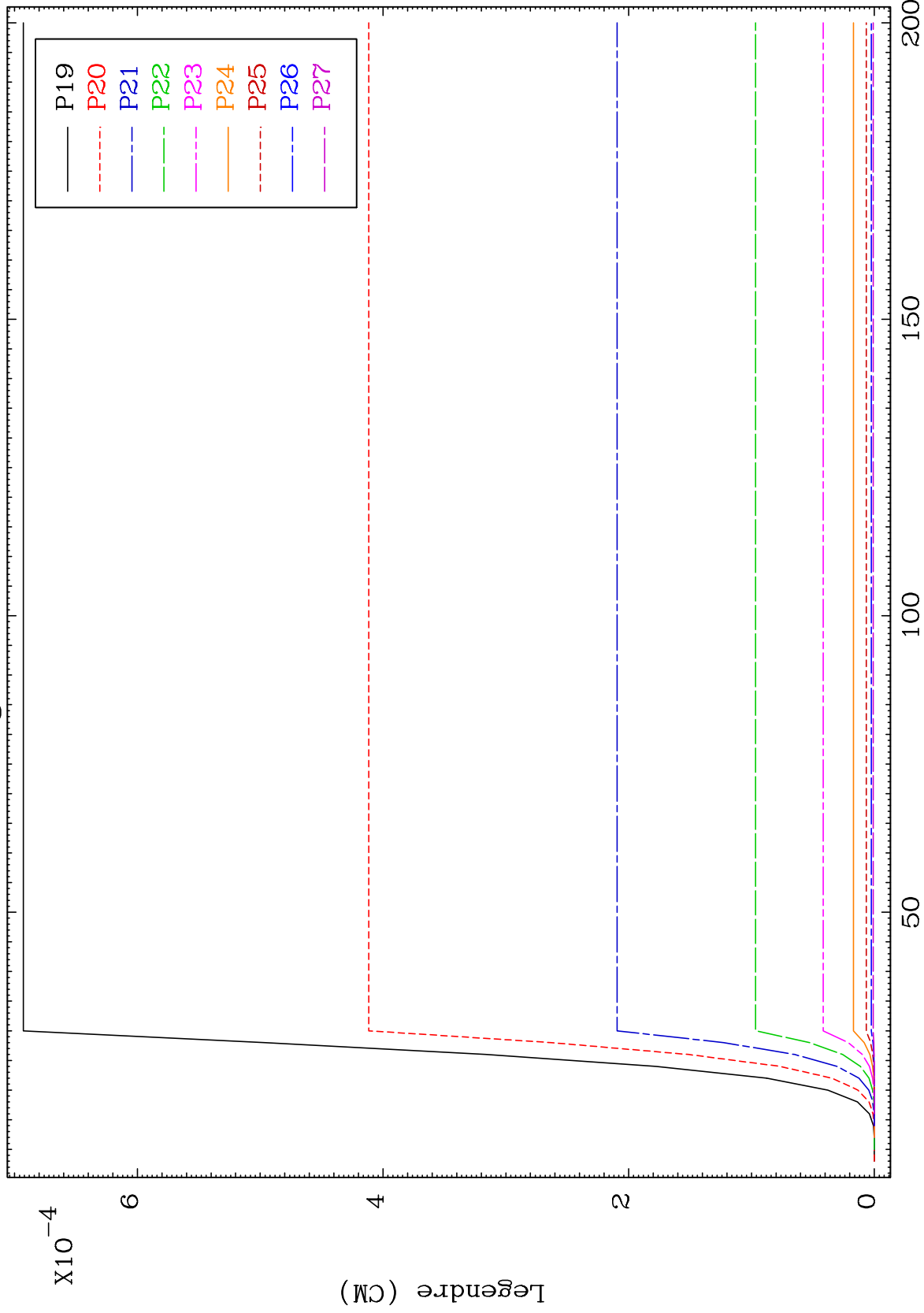
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



112

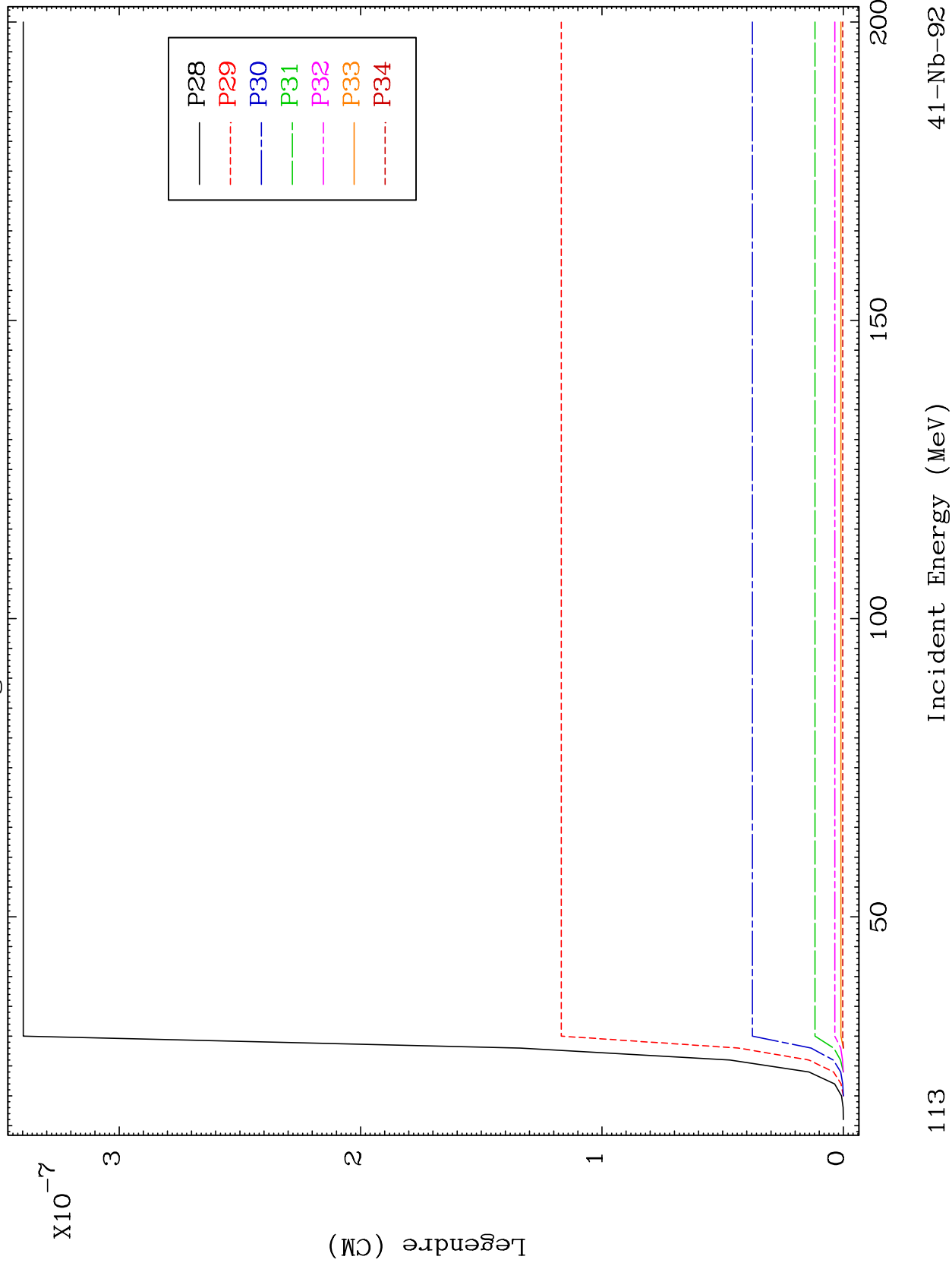
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92

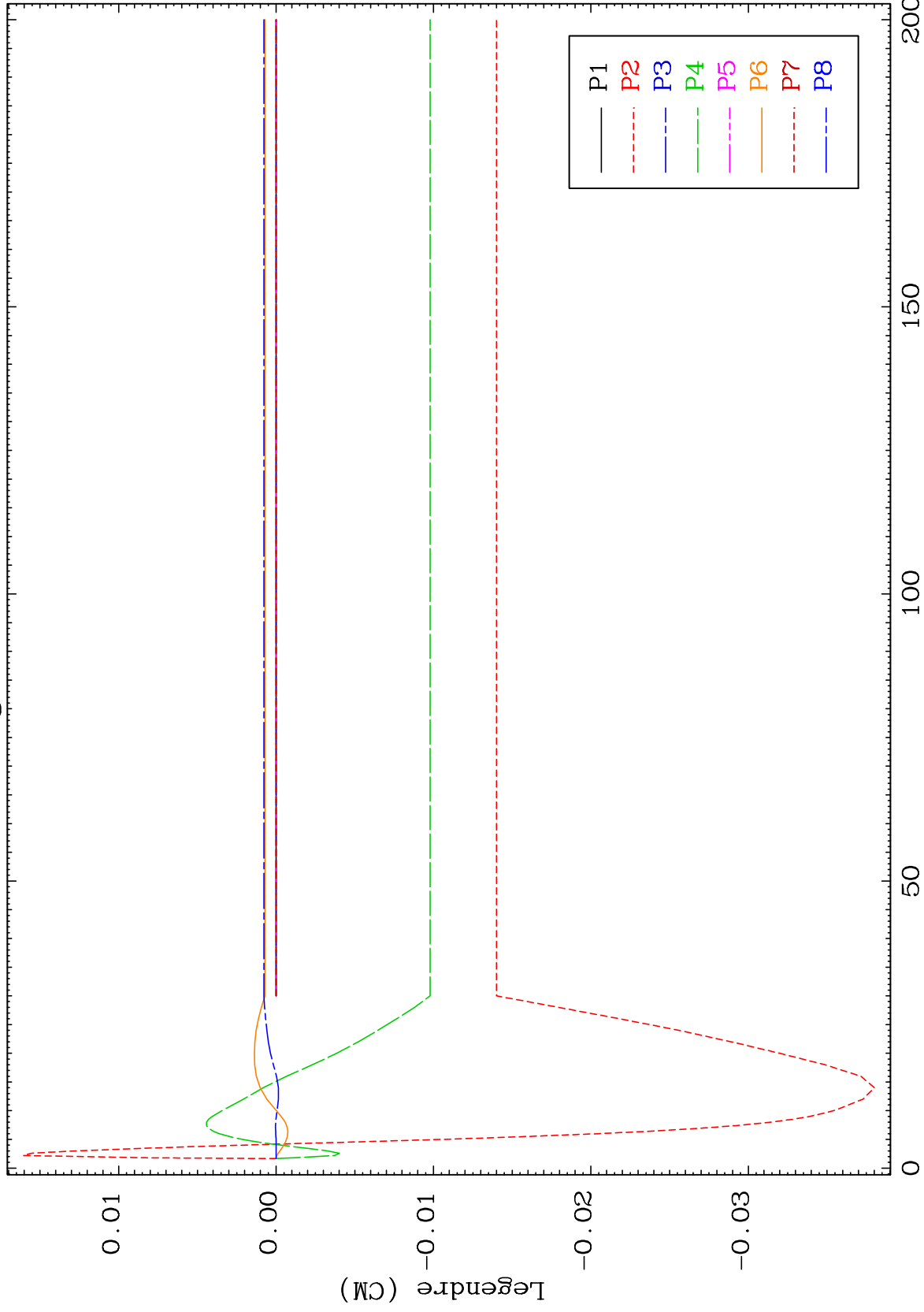


113

MAT 4122

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

41-Nb-92



114

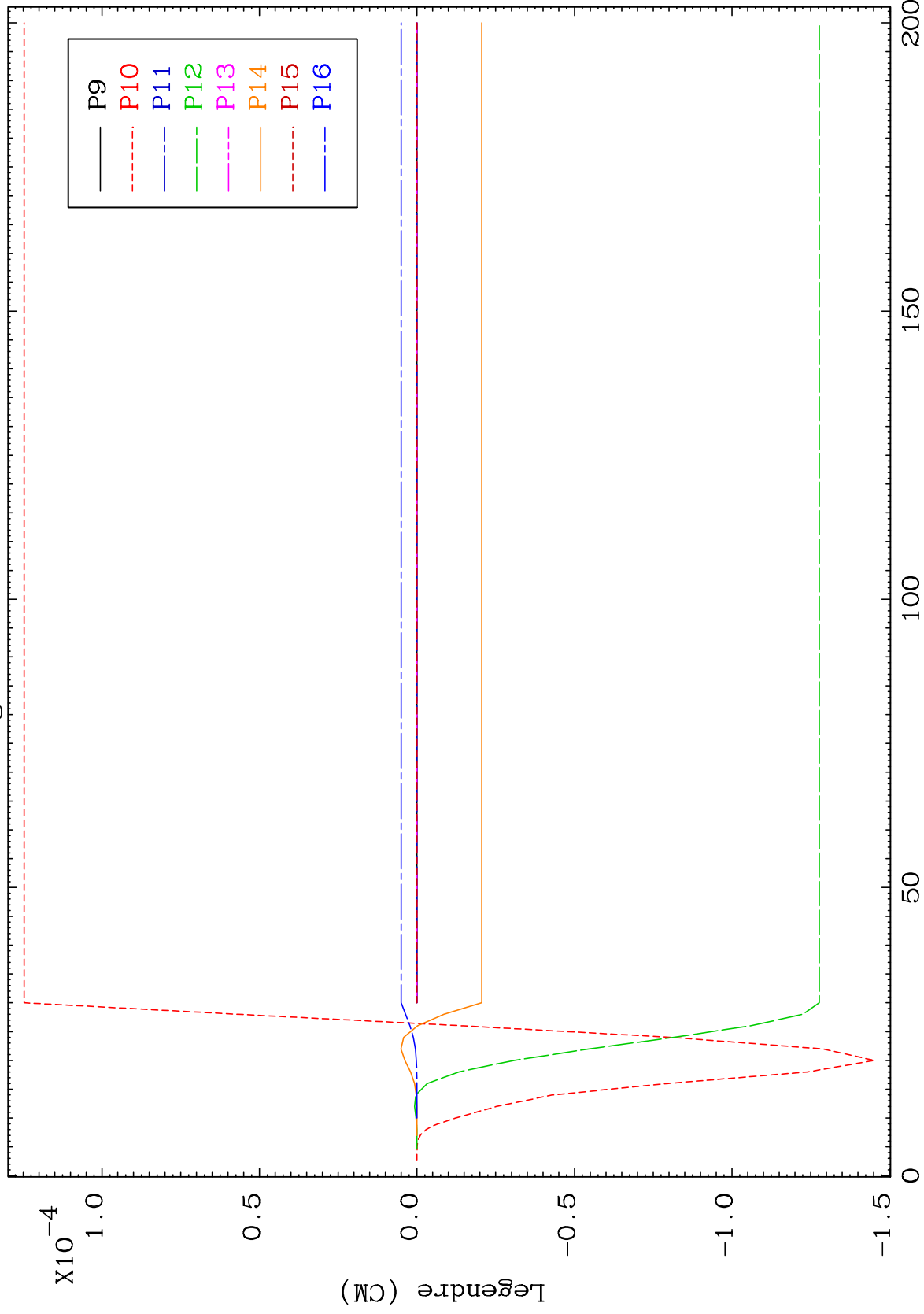
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

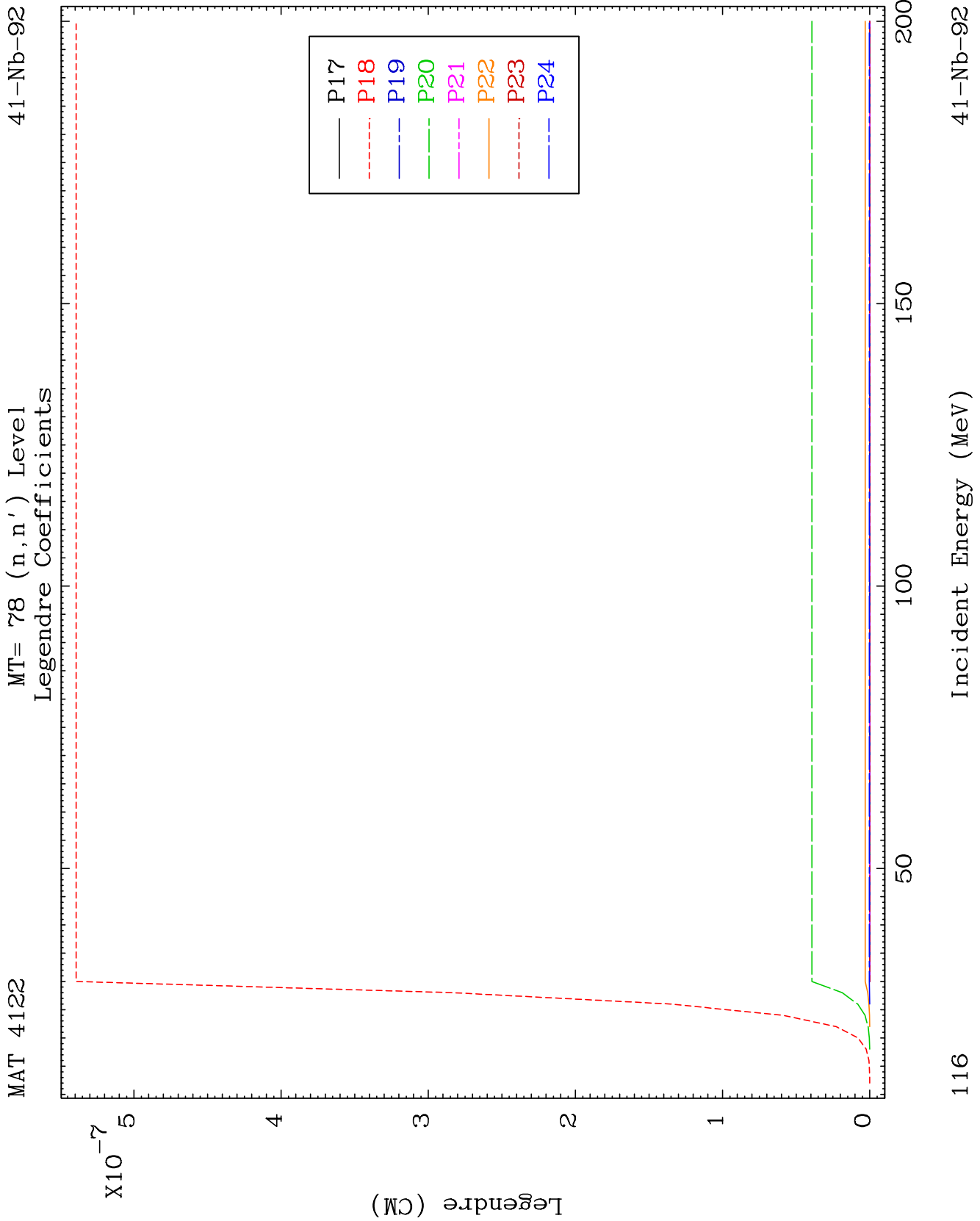
41-Nb-92

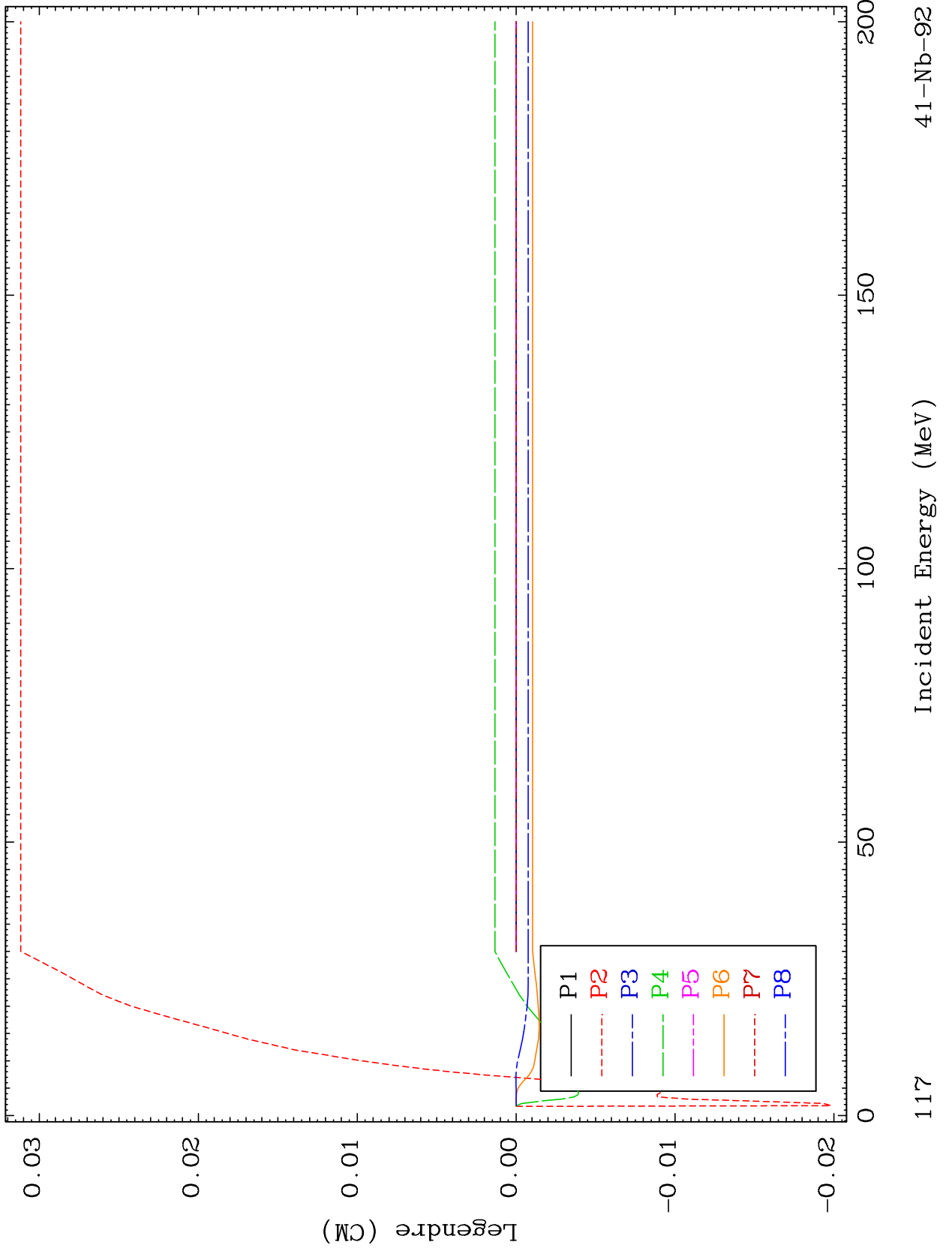


115

Incident Energy (MeV)

41-Nb-92

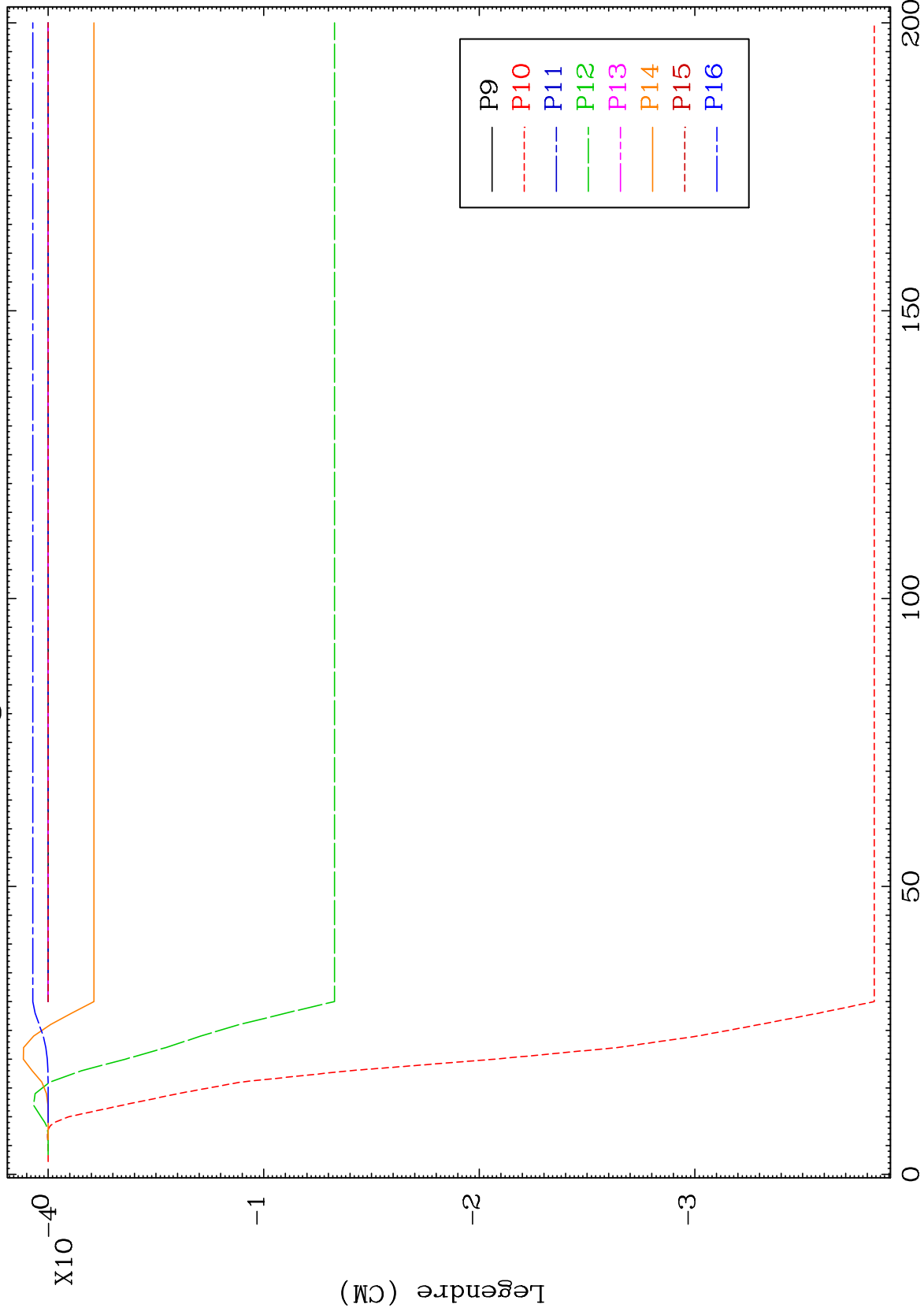




MAT 4122

MT= 79 (n,n') Level
Legendre Coefficients

41-Nb-92



118

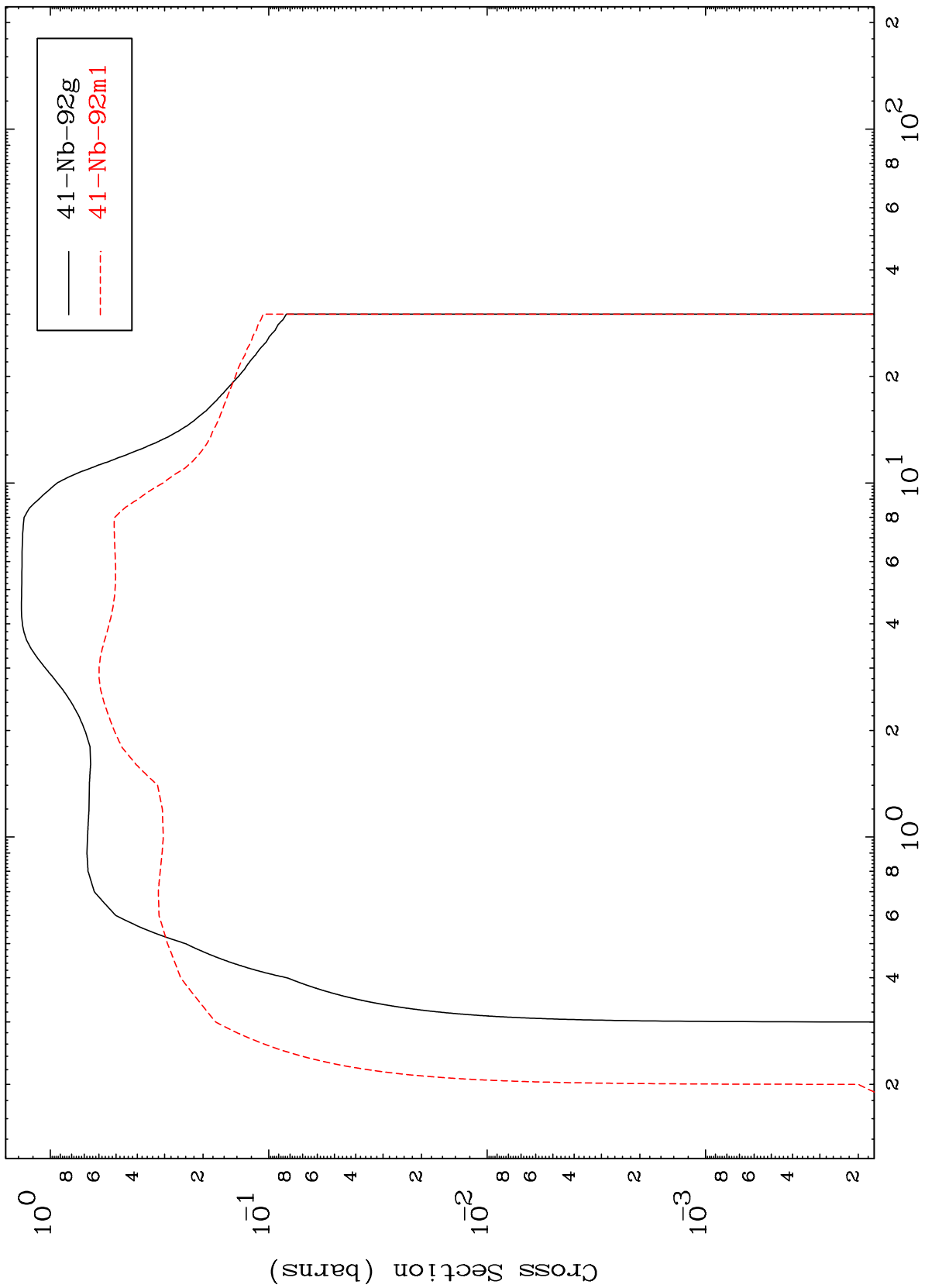
Incident Energy (MeV)

41-Nb-92

MAT 4122

41-Nb-92

Inelastic
Radionuclide Production Cross Section



120

Incident Energy (MeV)

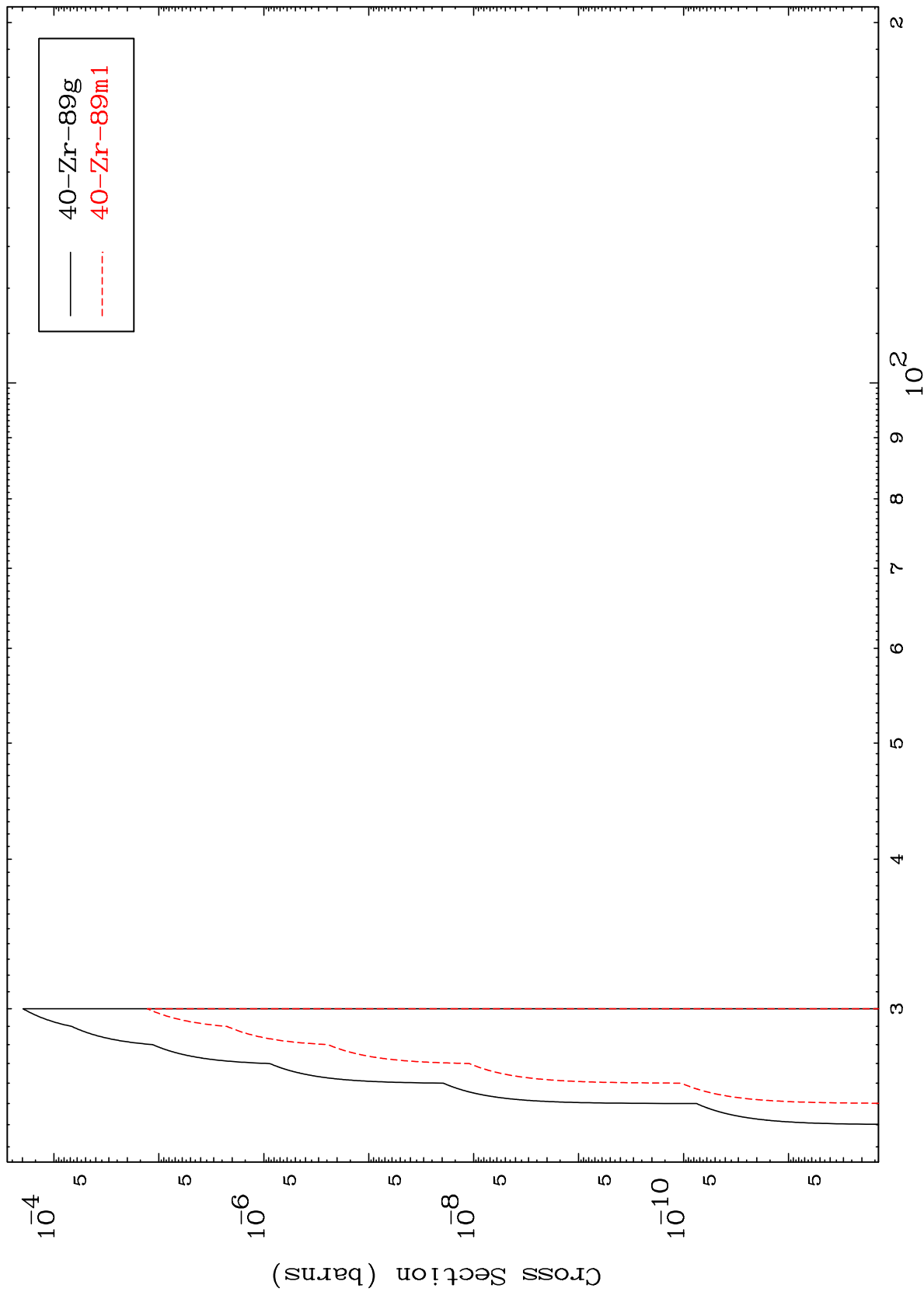
41-Nb-92

MAT 4122

(n,2n) d

41-Nb-92

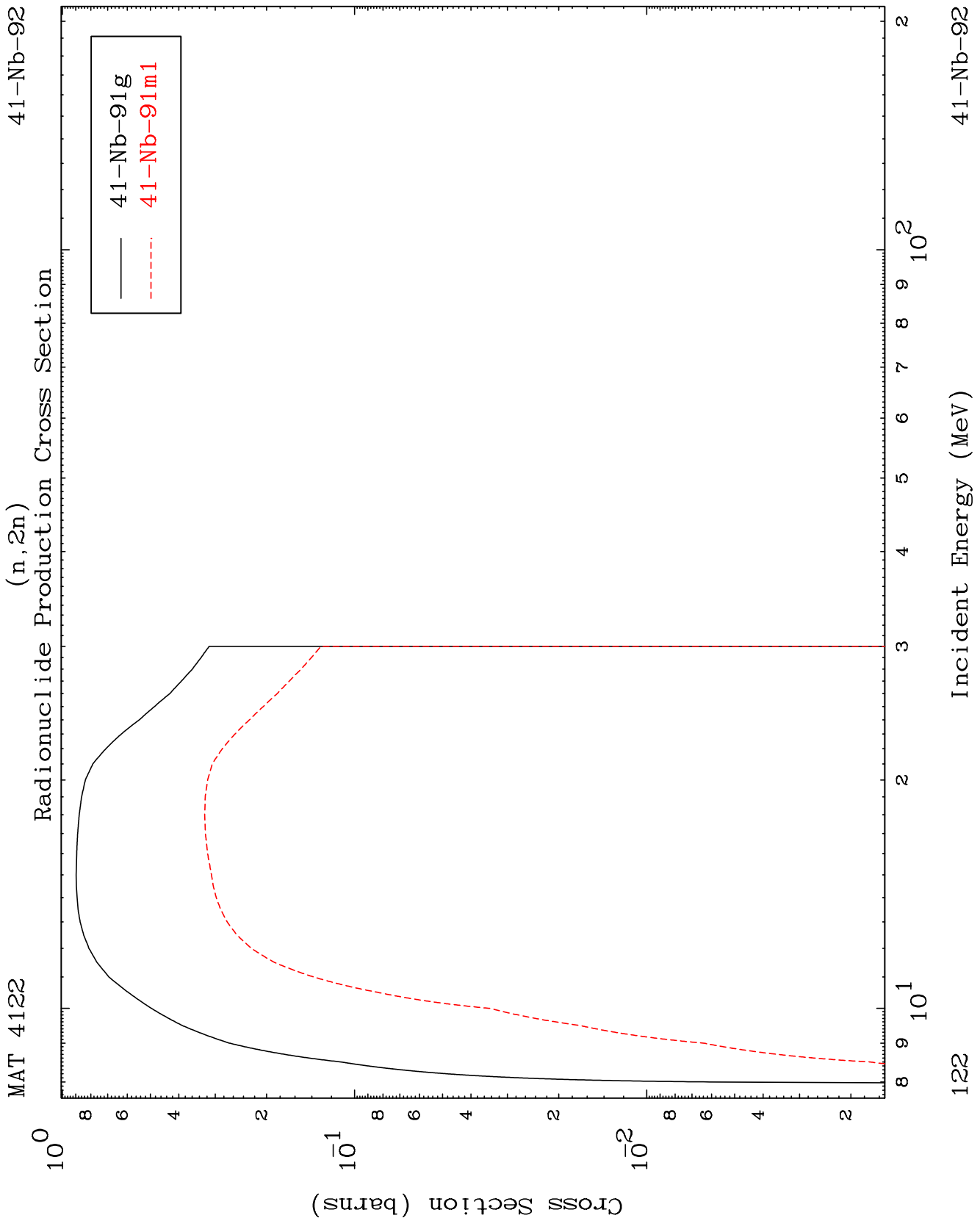
Radionuclide Production Cross Section



121

Incident Energy (MeV)

41-Nb-92

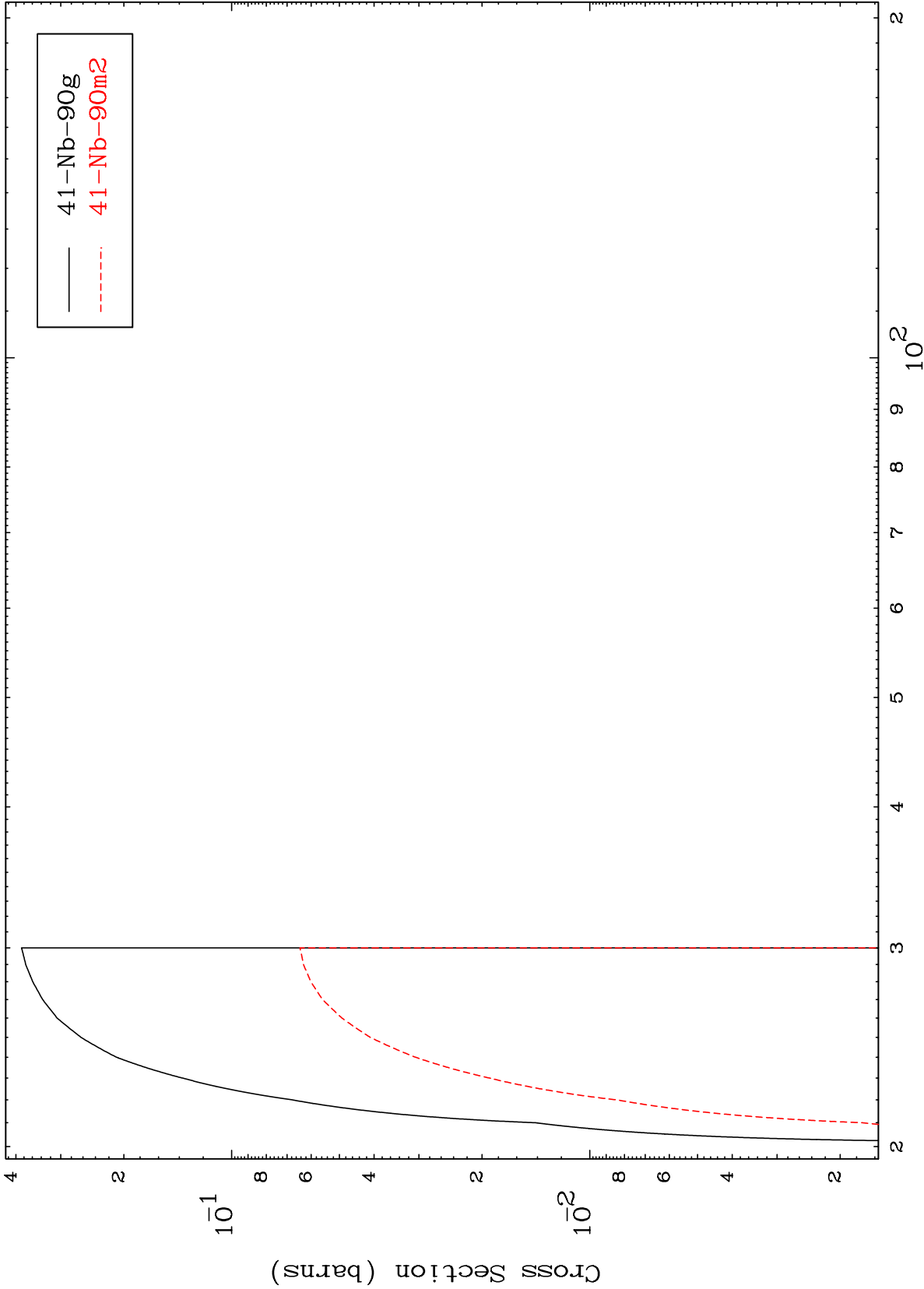


MAT 4122

(n,3n)

41-Nb-92

Radionuclide Production Cross Section



123

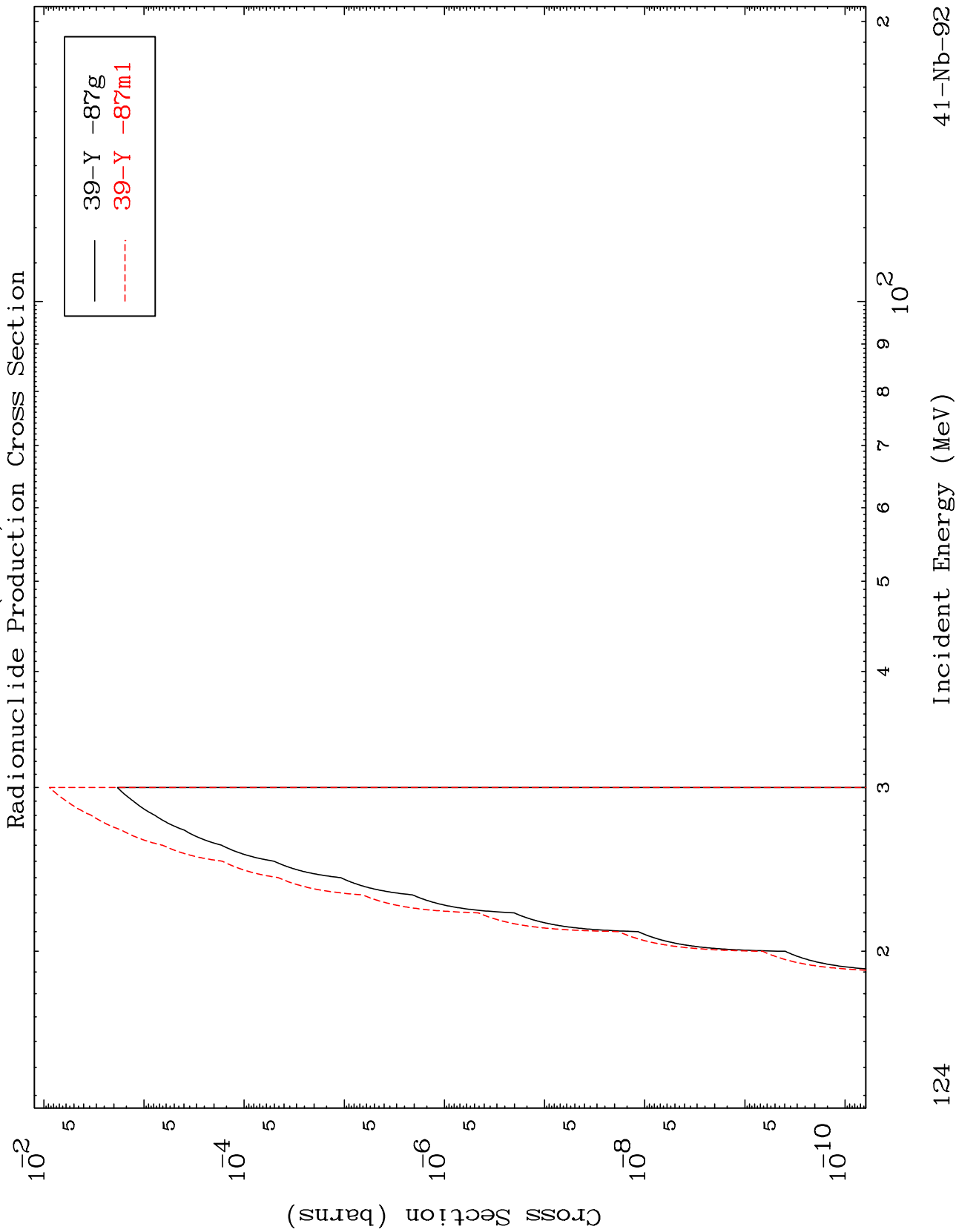
Incident Energy (MeV)

41-Nb-92

MAT 4122

(n,2n) α

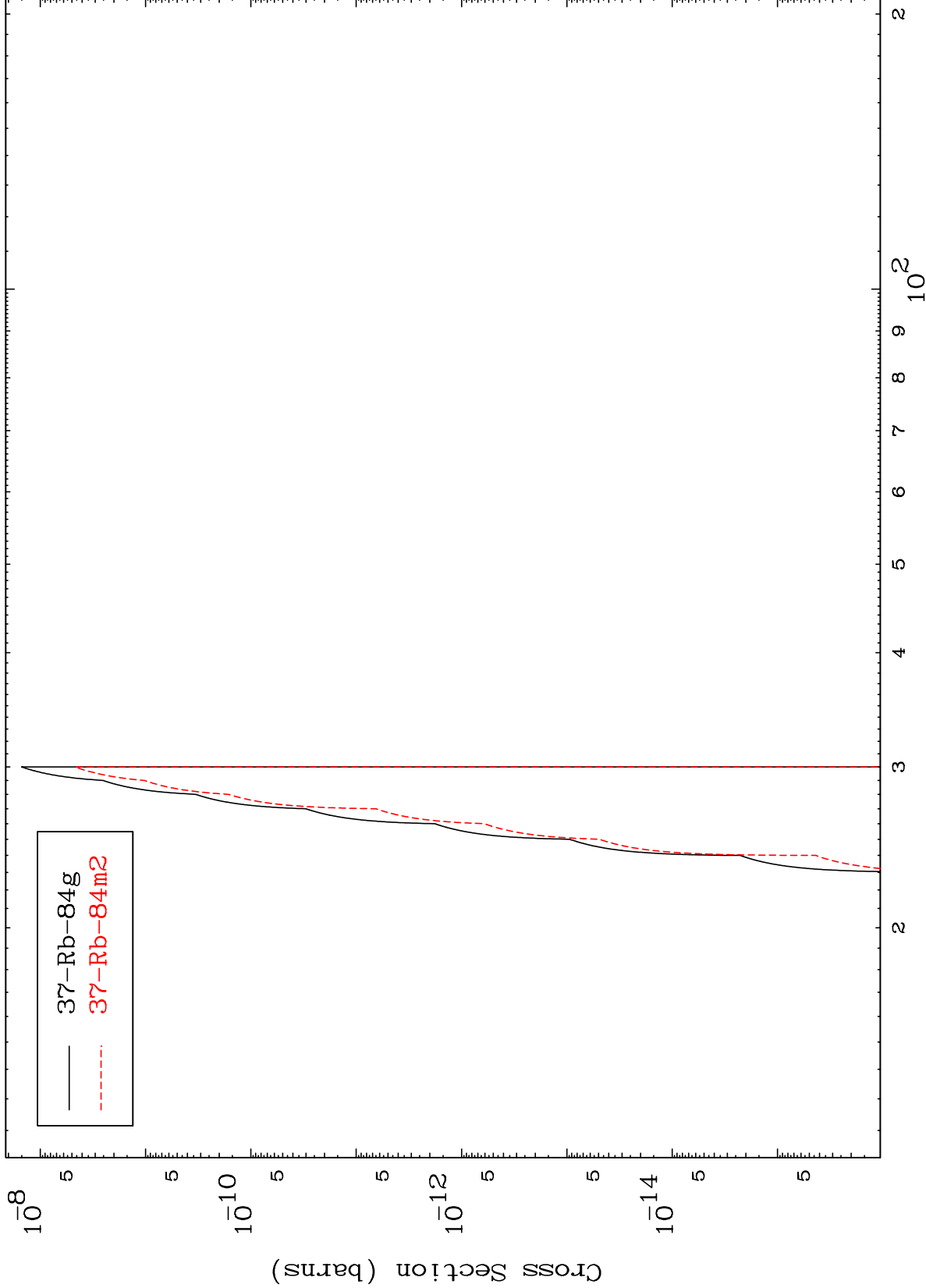
41-Nb-92



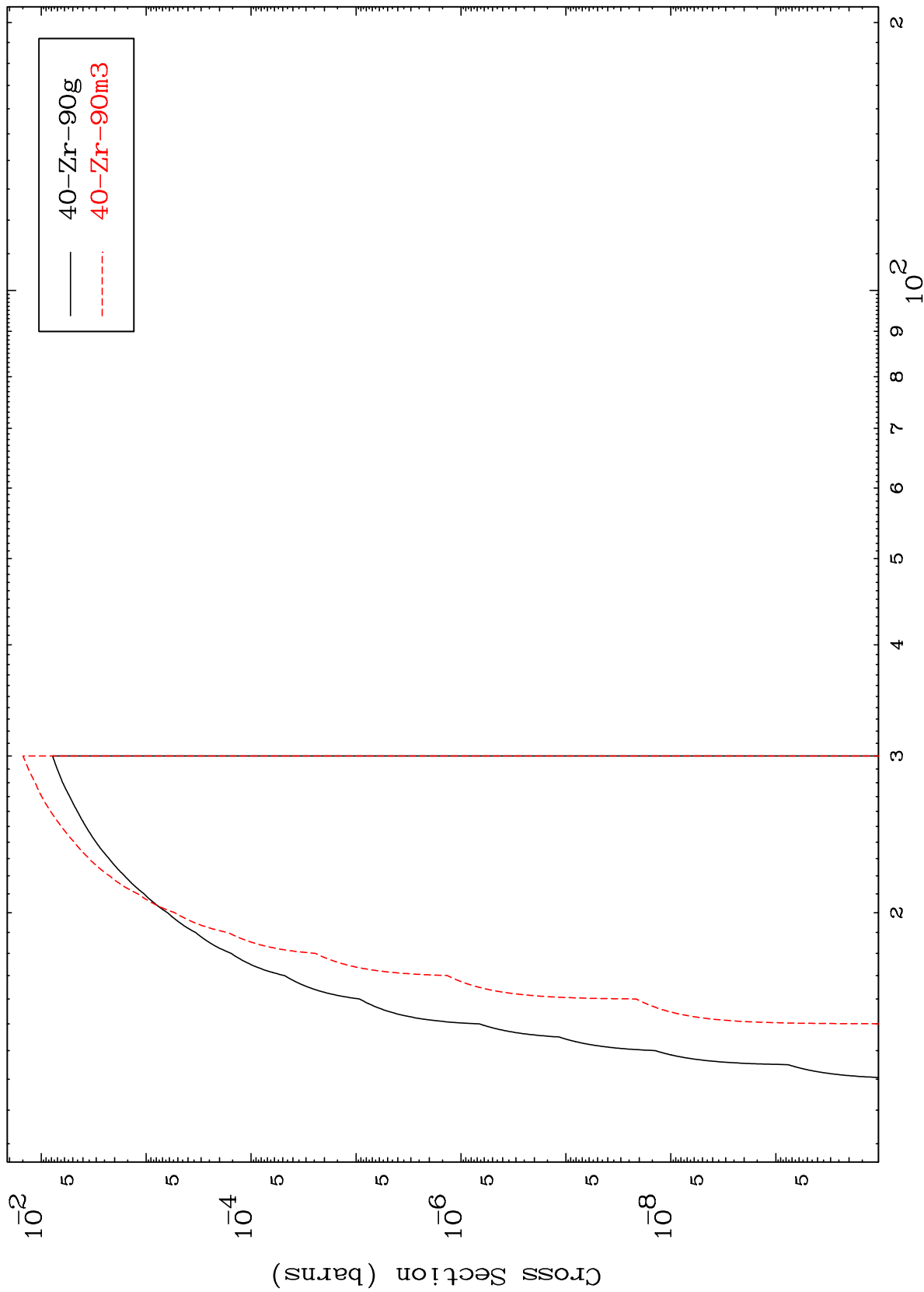
124

41-Nb-92

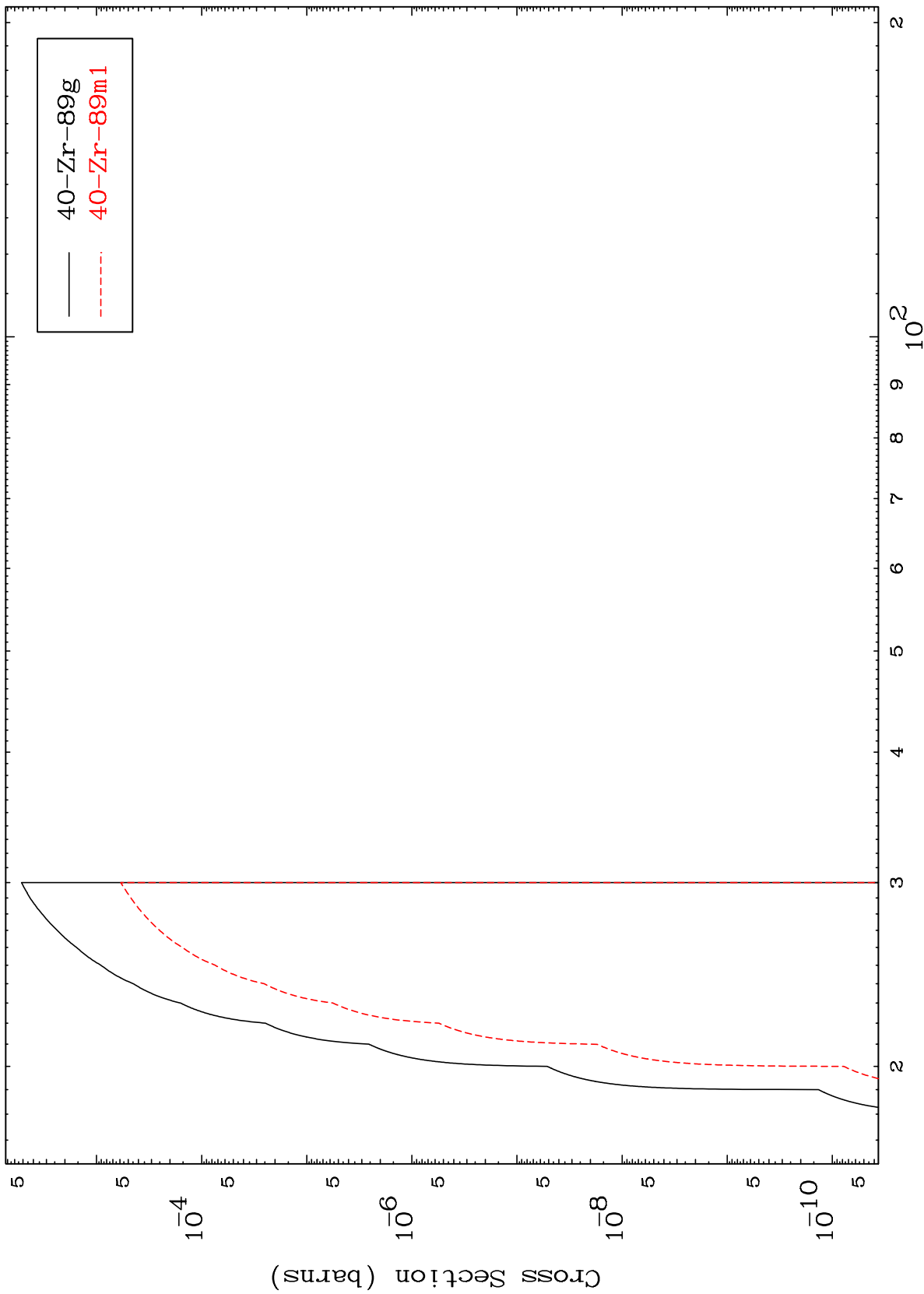
Radionuclide Production Cross Section



Radionuclide Production Cross Section

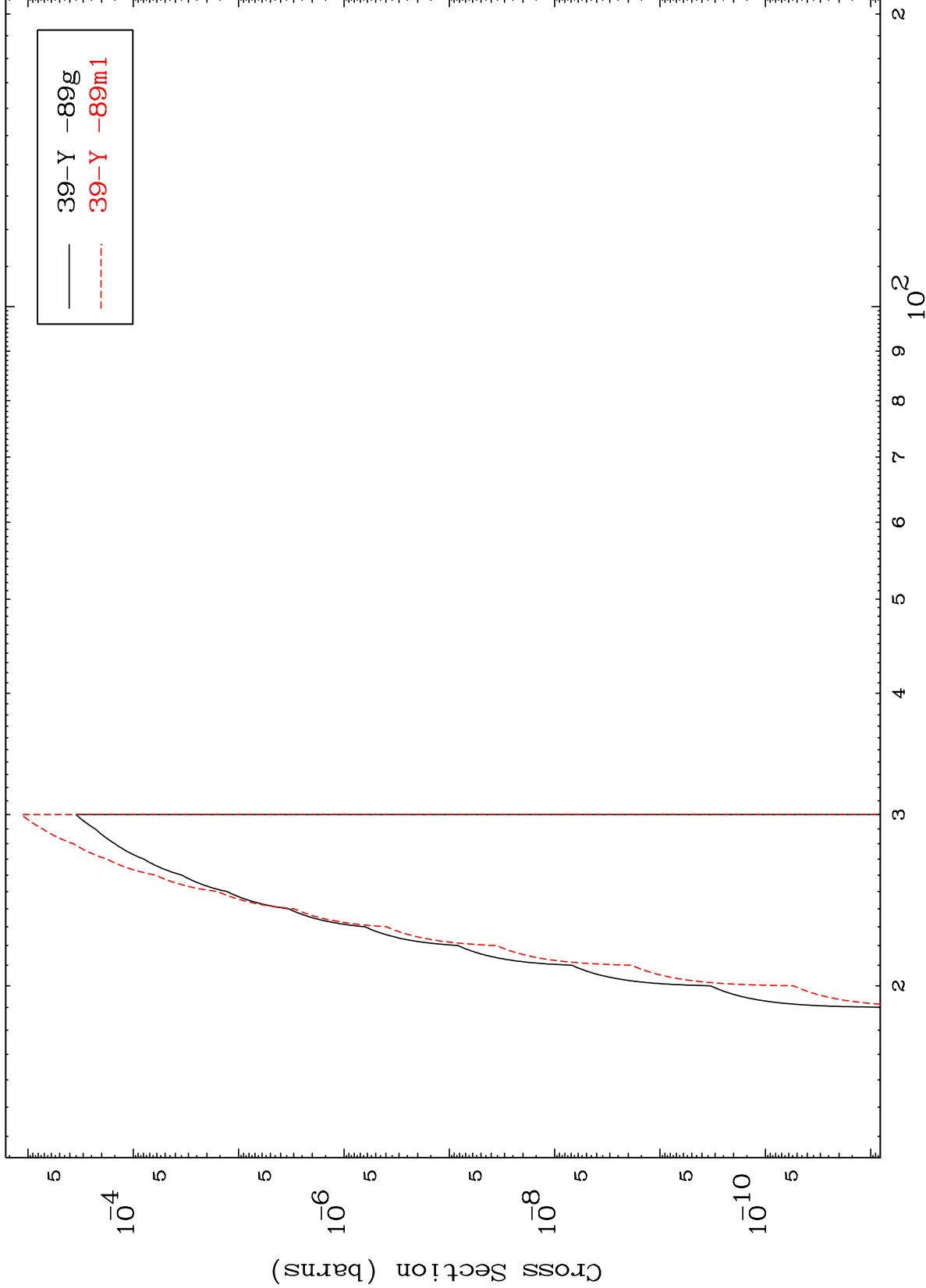


Radionuclide Production Cross Section



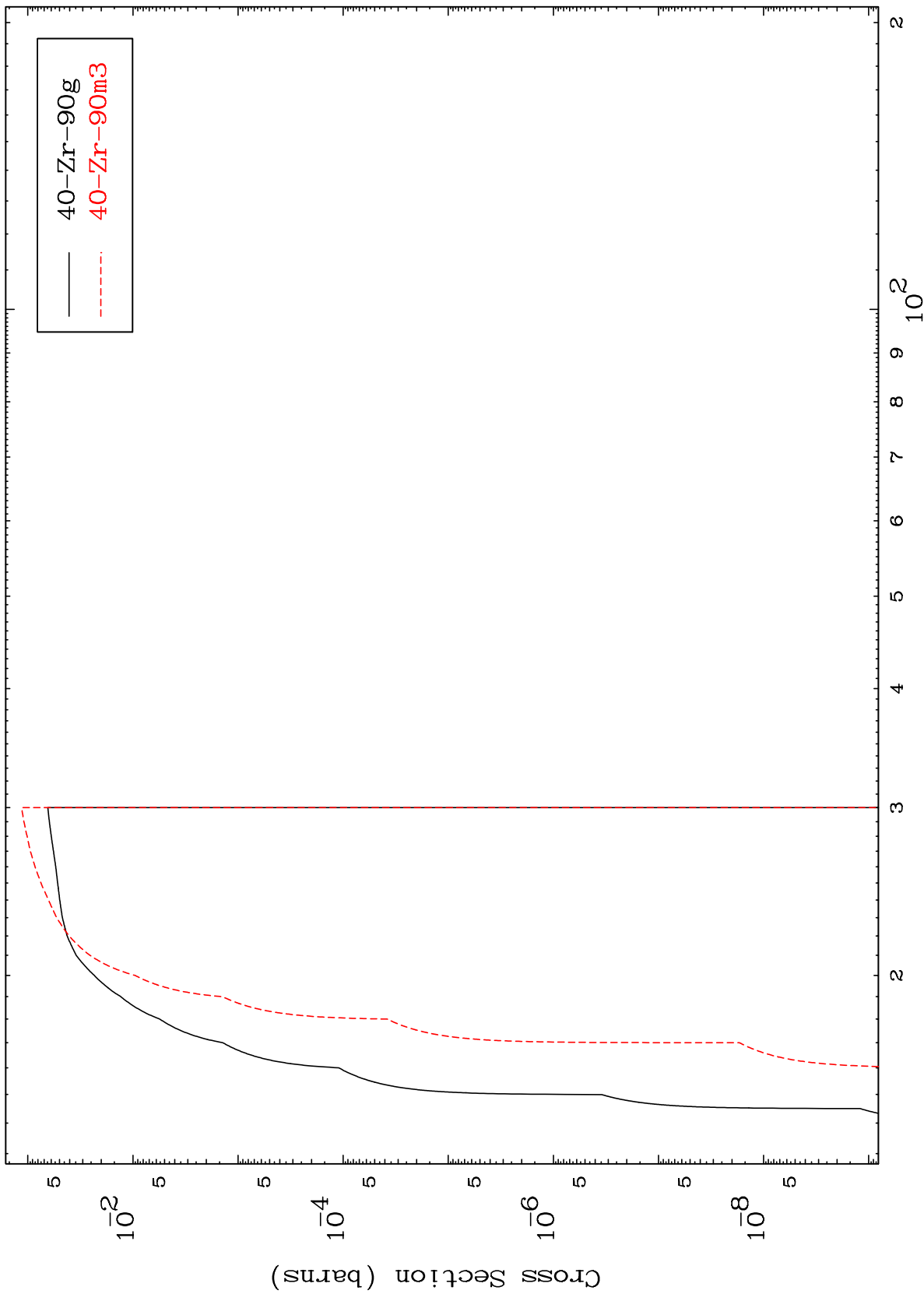
40-Zr-89g
40-Zr-89m1

Radionuclide Production Cross Section



39-Y -89g
39-Y -89m1

Radionuclide Production Cross Section

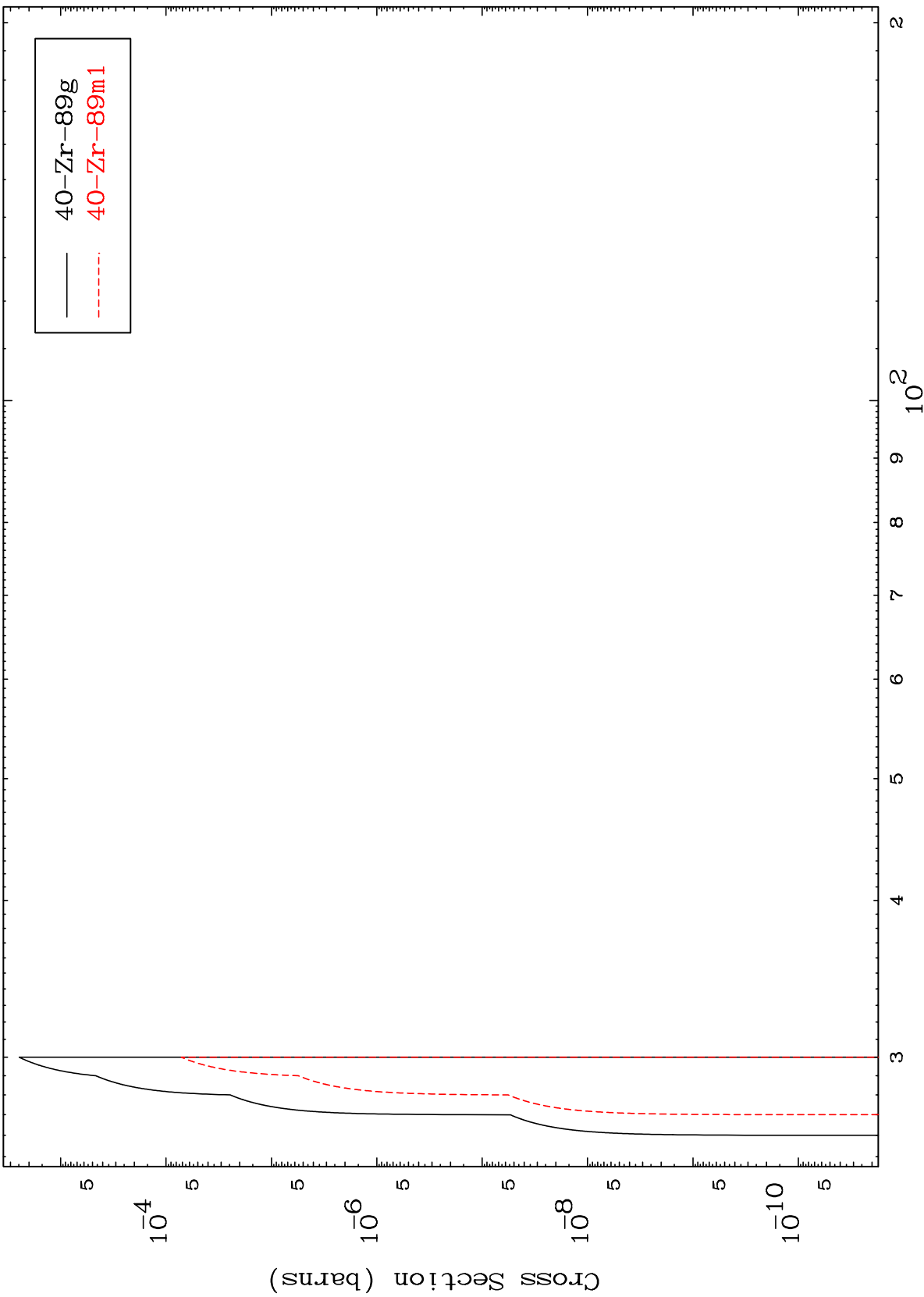


MAT 4122

(n,3n) p

41-Nb-92

Radionuclide Production Cross Section

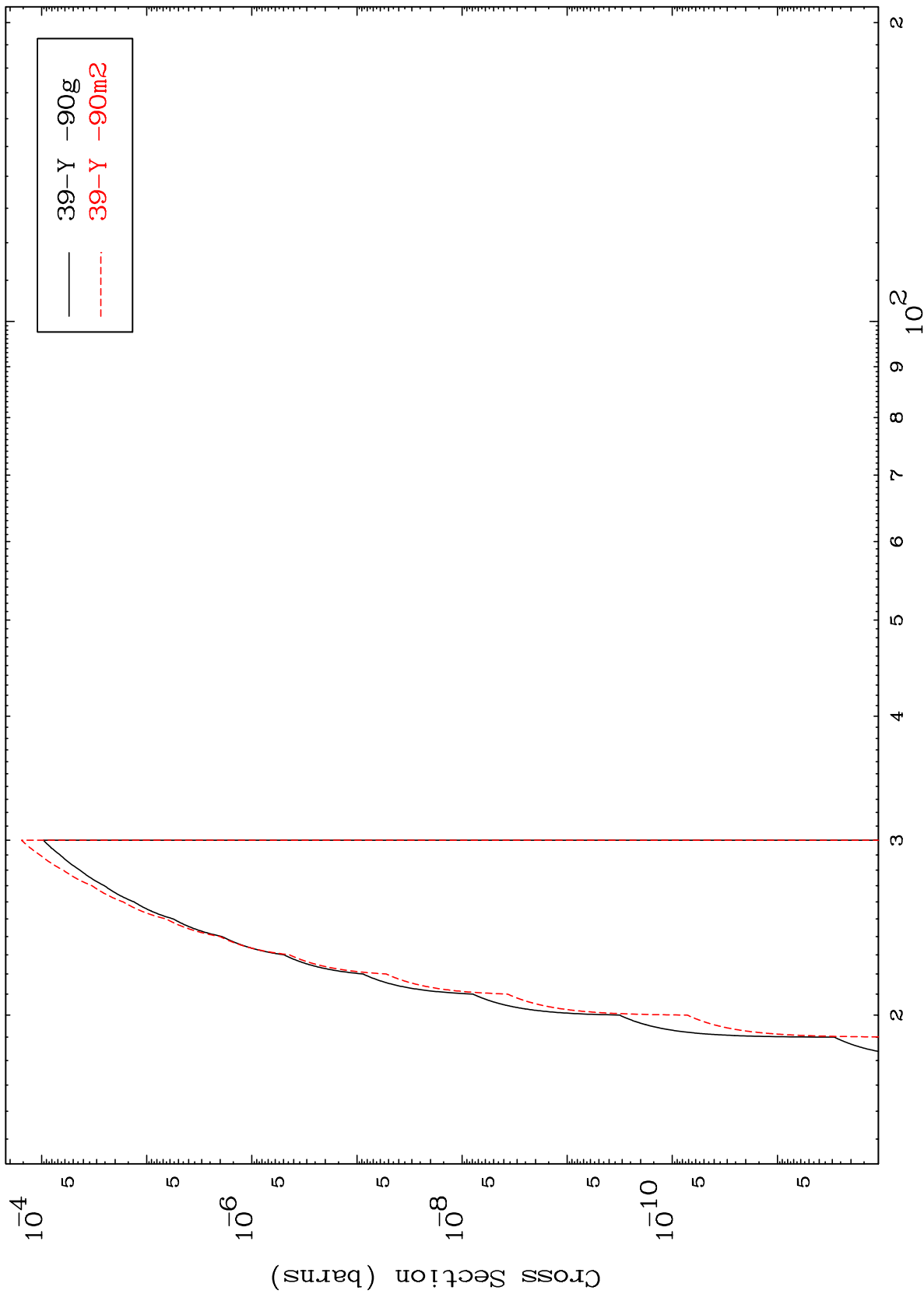


130

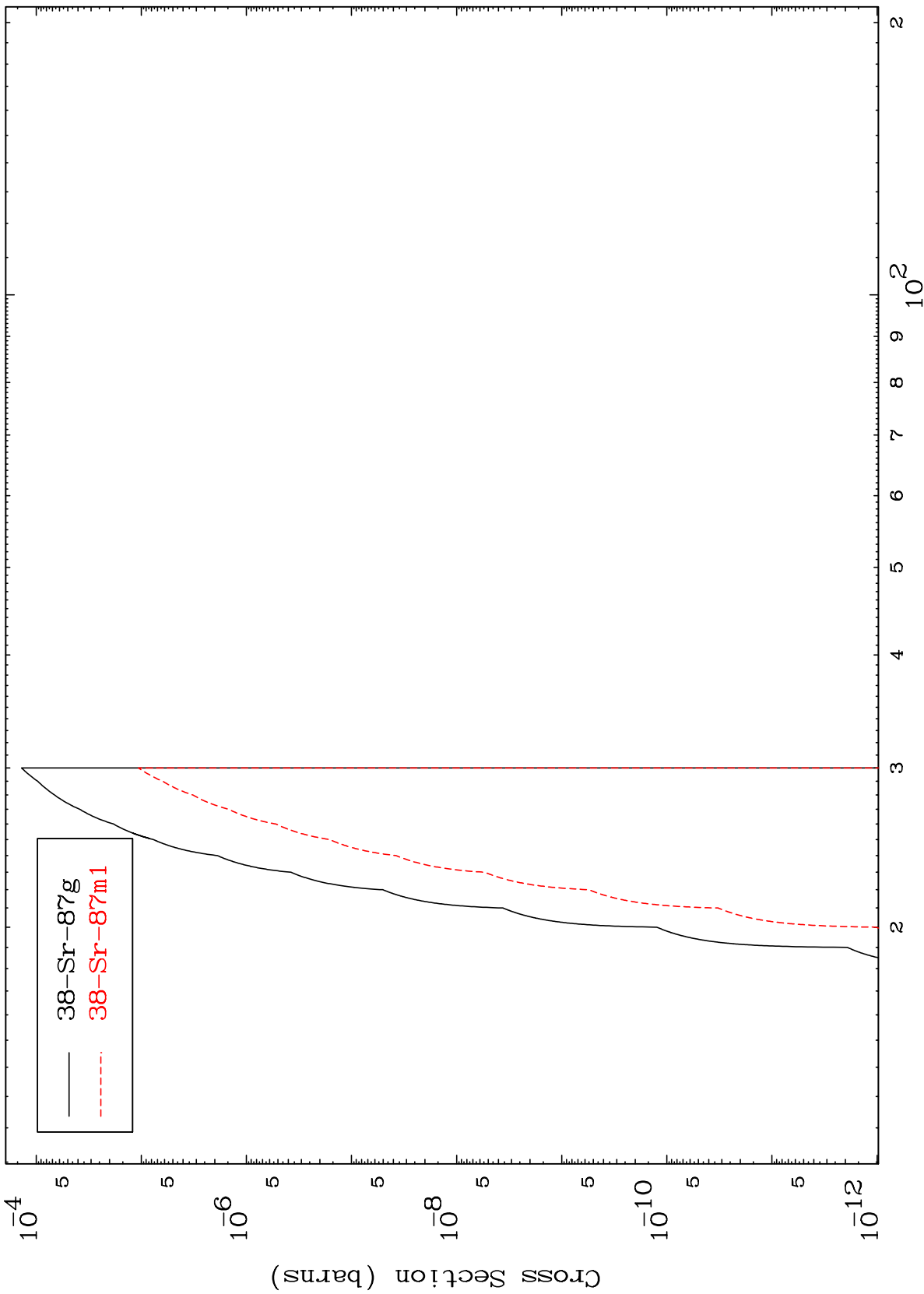
Incident Energy (MeV)

41-Nb-92

Radionuclide Production Cross Section



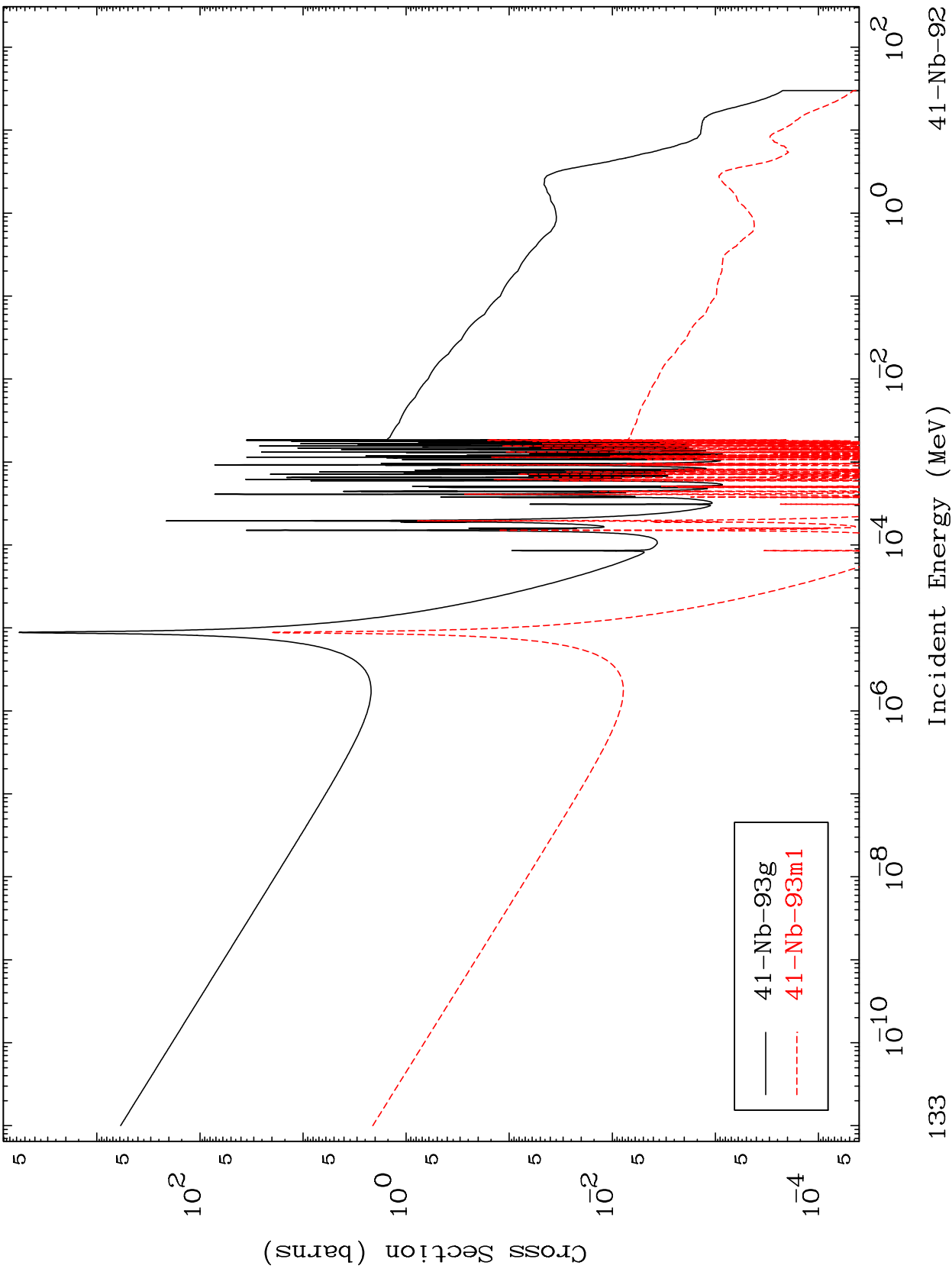
Radionuclide Production Cross Section



MAT 4122

41-Nb-92

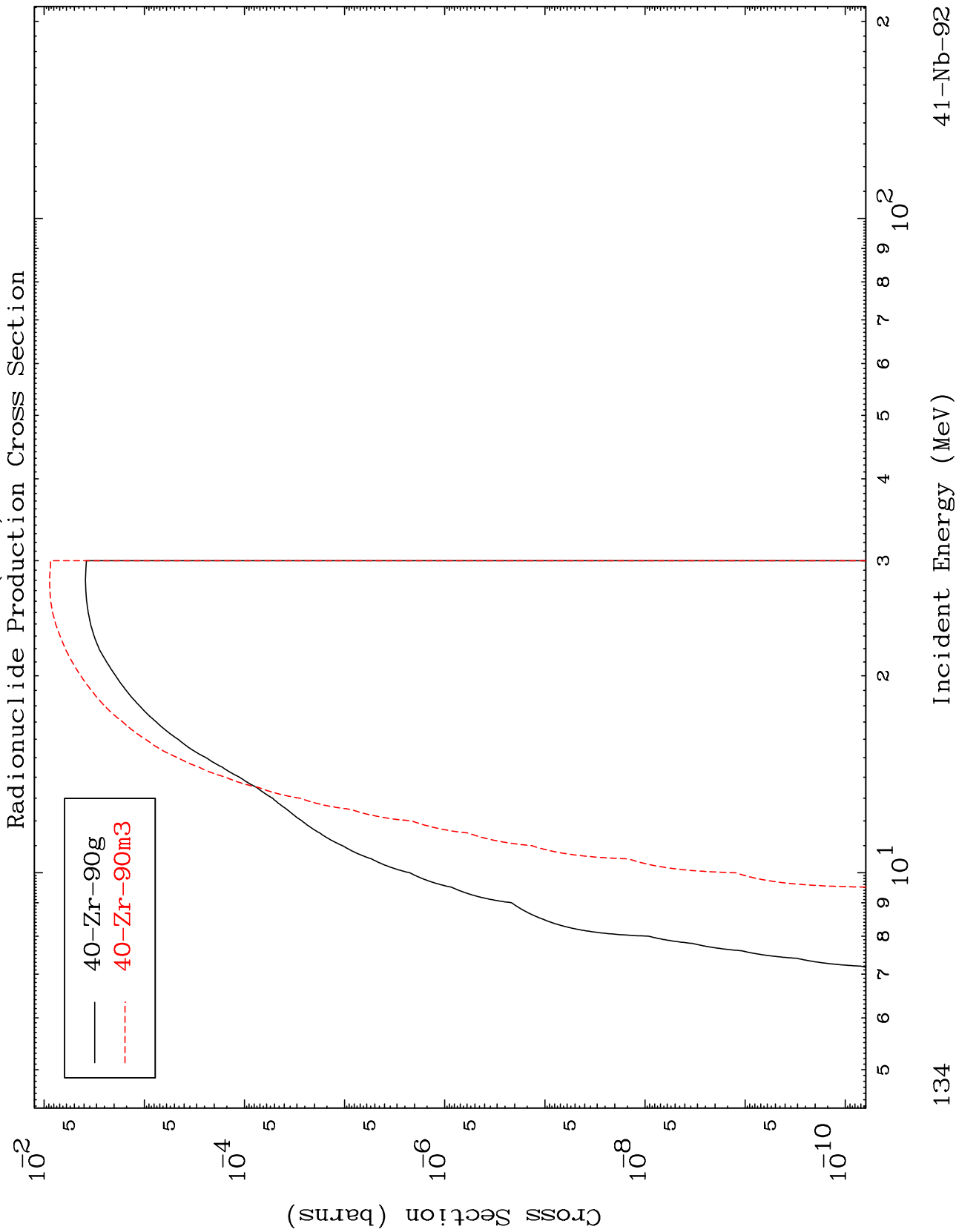
(n, γ)
Radionuclide Production Cross Section



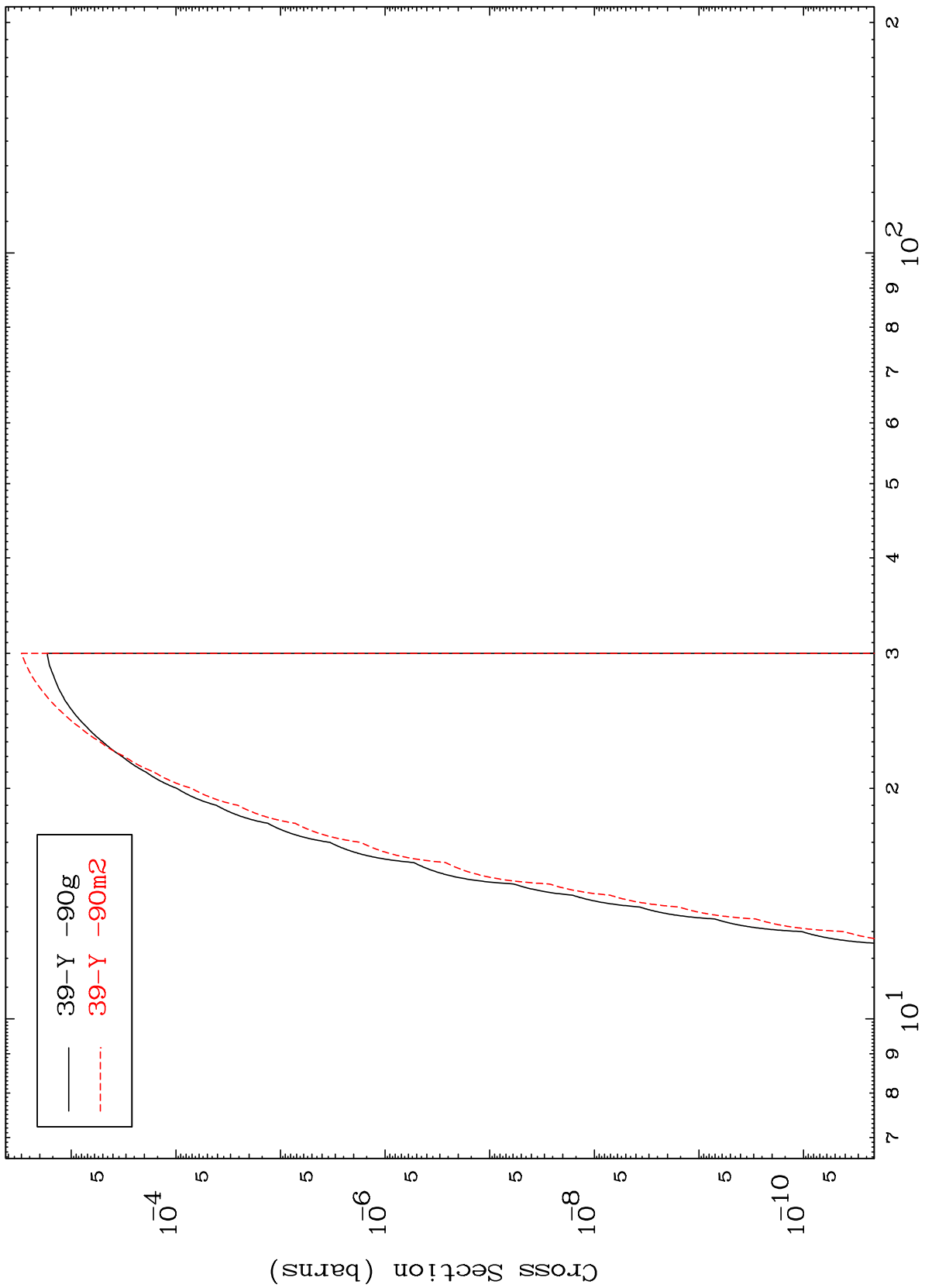
133

MAT 4122

41-Nb-92



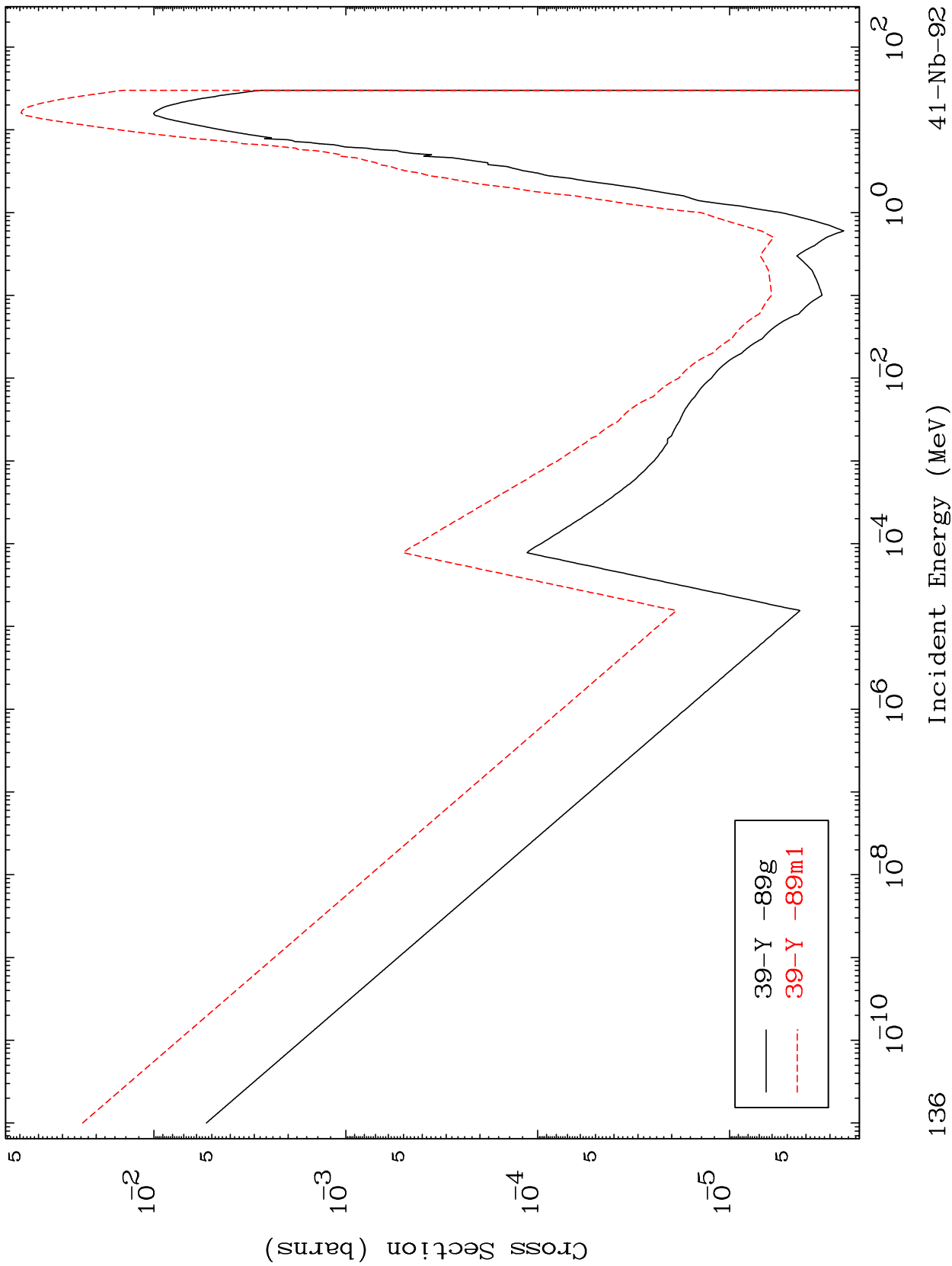
Radionuclide Production Cross Section
(n,He-3)



MAT 4122

41-Nb-92

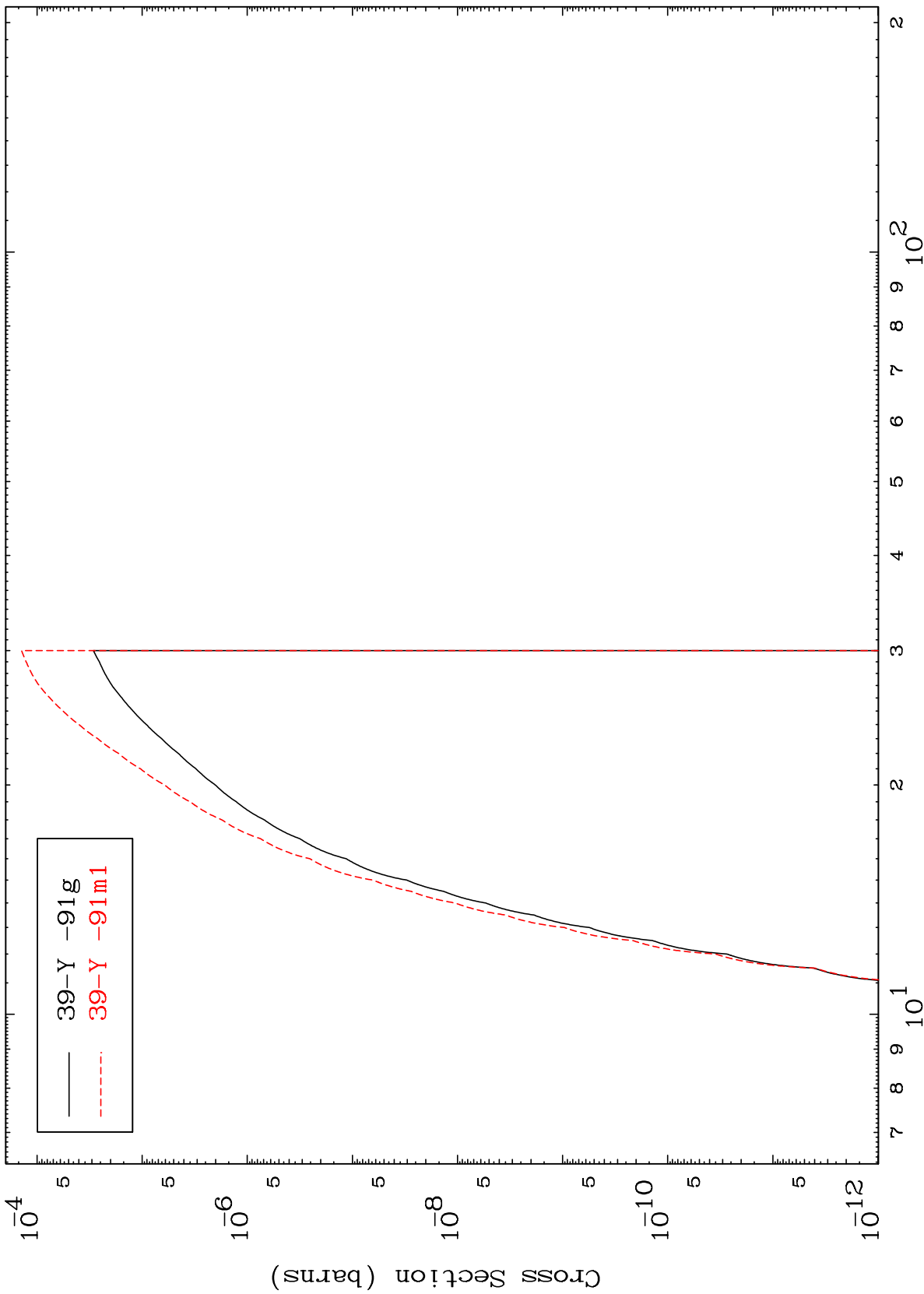
(n, α)
Radionuclide Production Cross Section



MAT 4122

41-Nb-92

(n,2p)
Radionuclide Production Cross Section

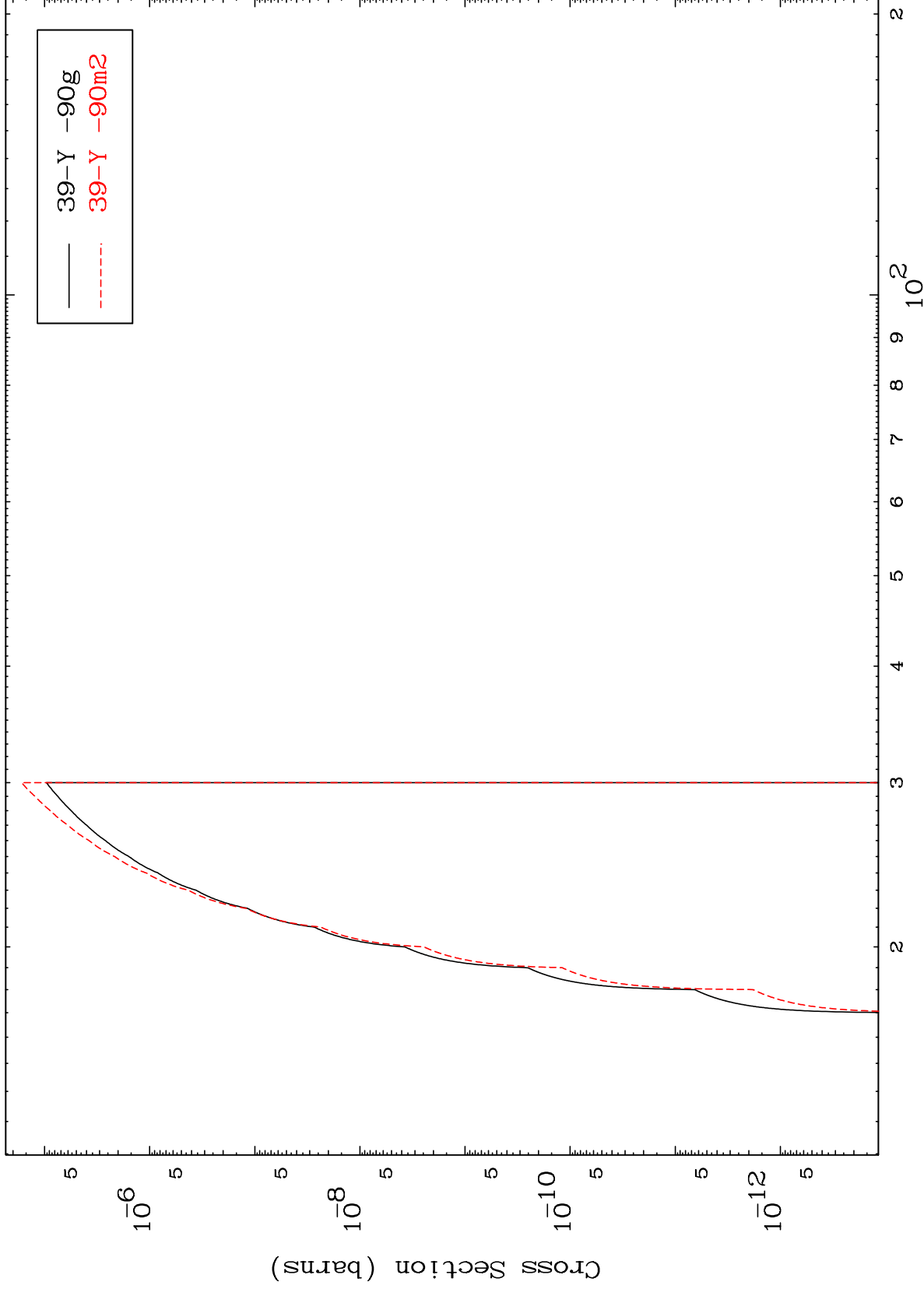


137

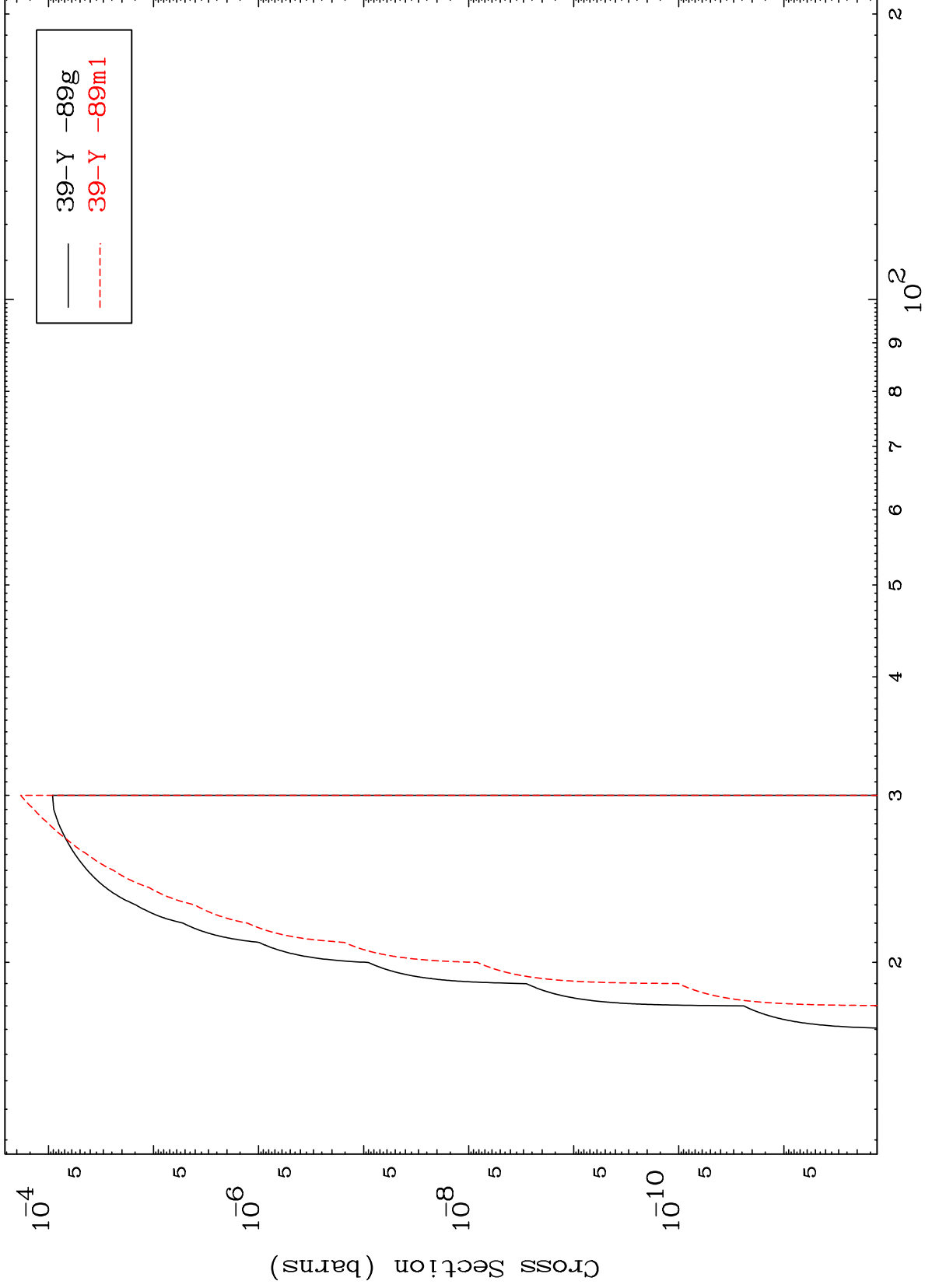
Incident Energy (MeV)

41-Nb-92

Radionuclide Production Cross Section



Radionuclide Production Cross Section

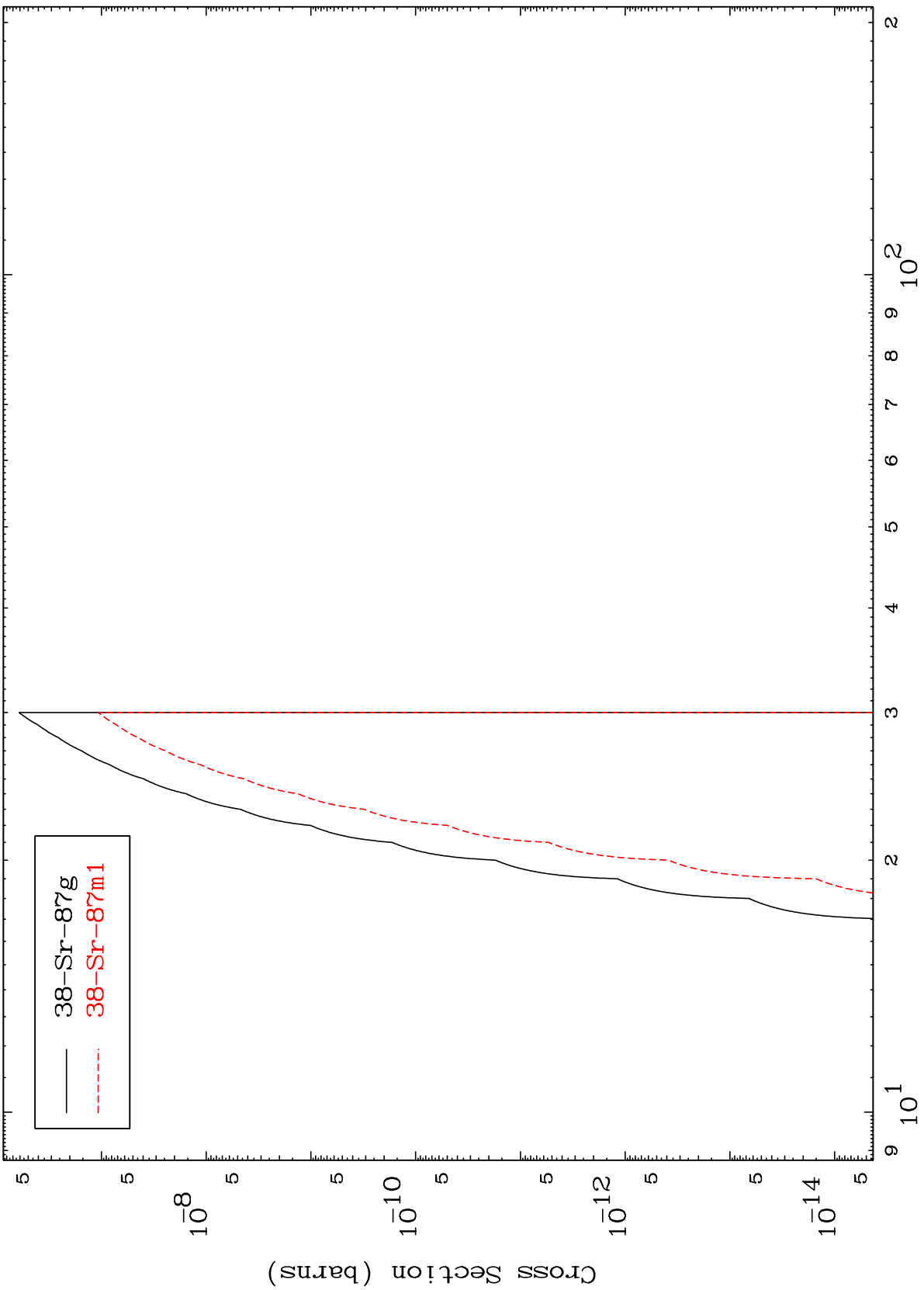


MAT 4122

(n,d) α

41-Nb-92

Radionuclide Production Cross Section



140

Incident Energy (MeV)

41-Nb-92