

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
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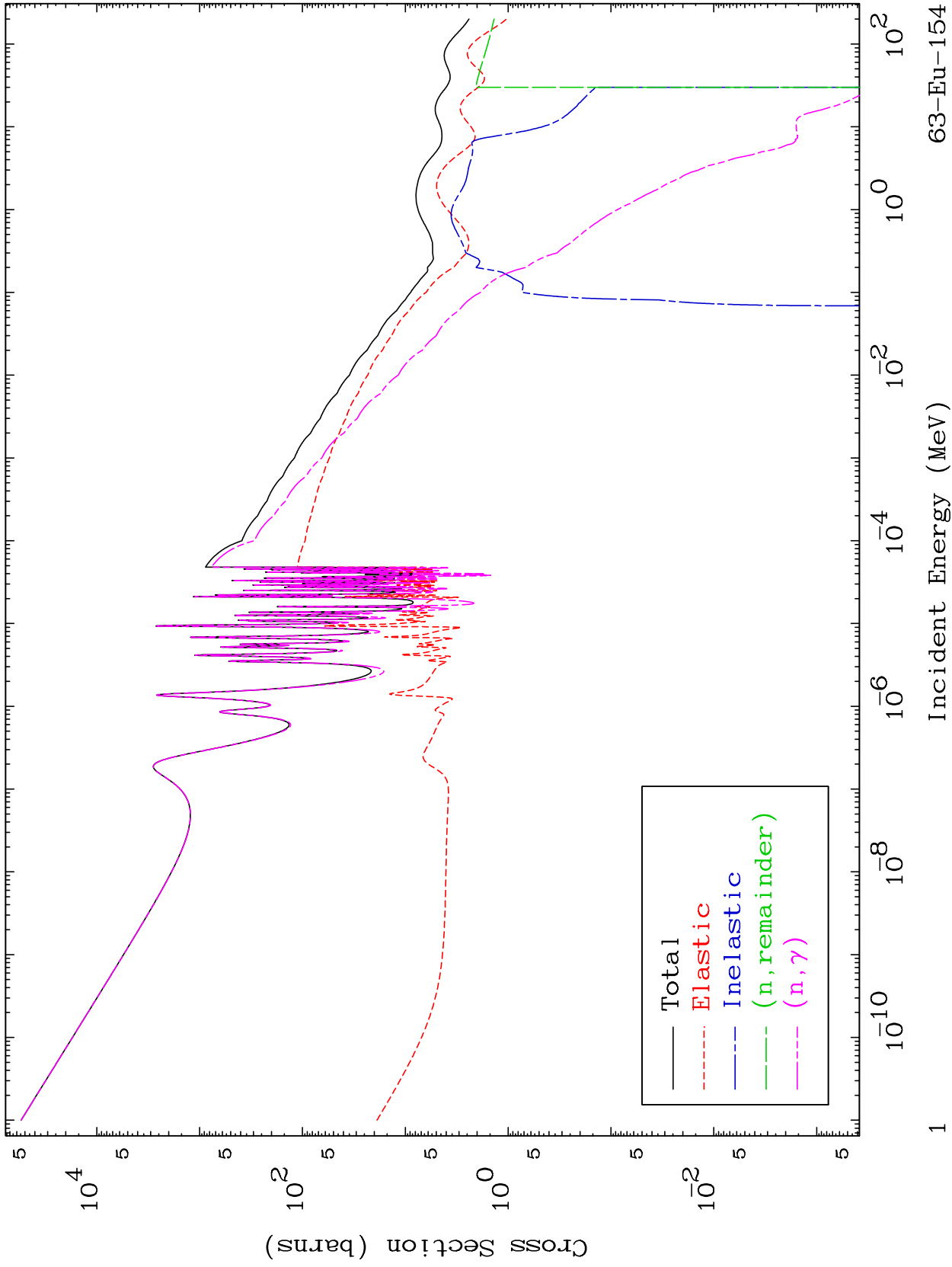
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6334

Major
293 Kelvin Cross Sections

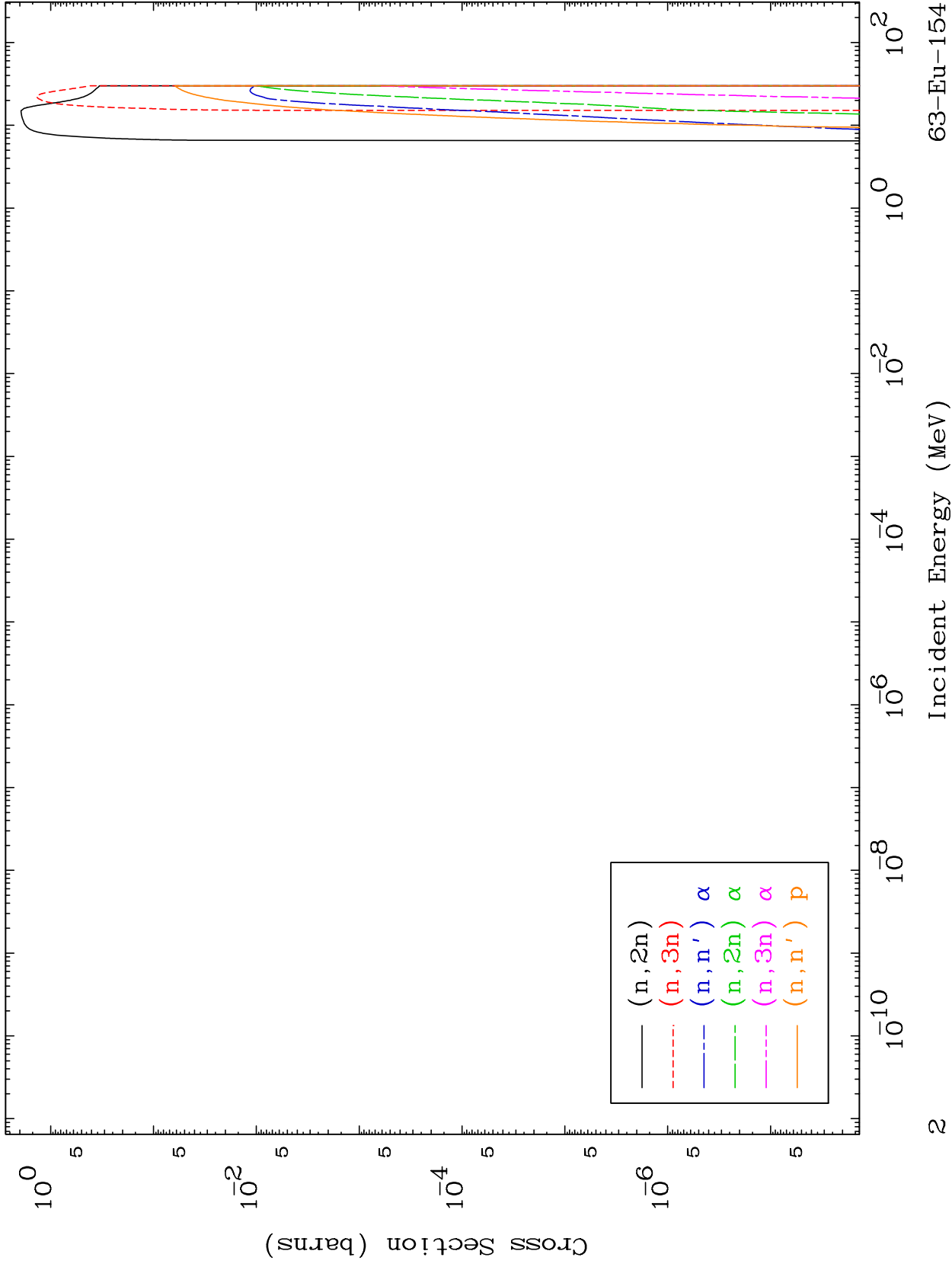
63-Eu-154

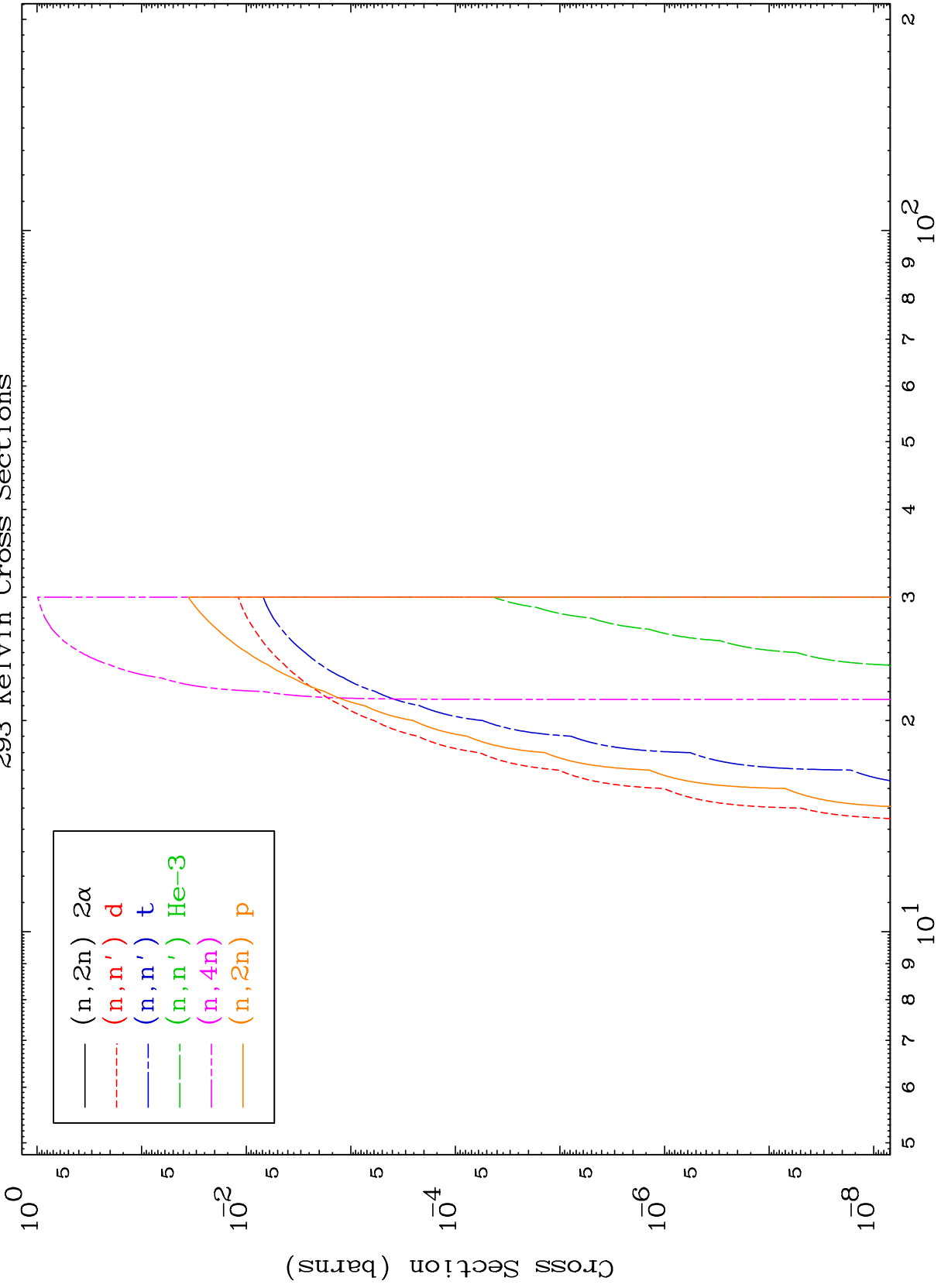


MAT 6334

Neutron Production
293 Kelvin Cross Sections

63-Eu-154

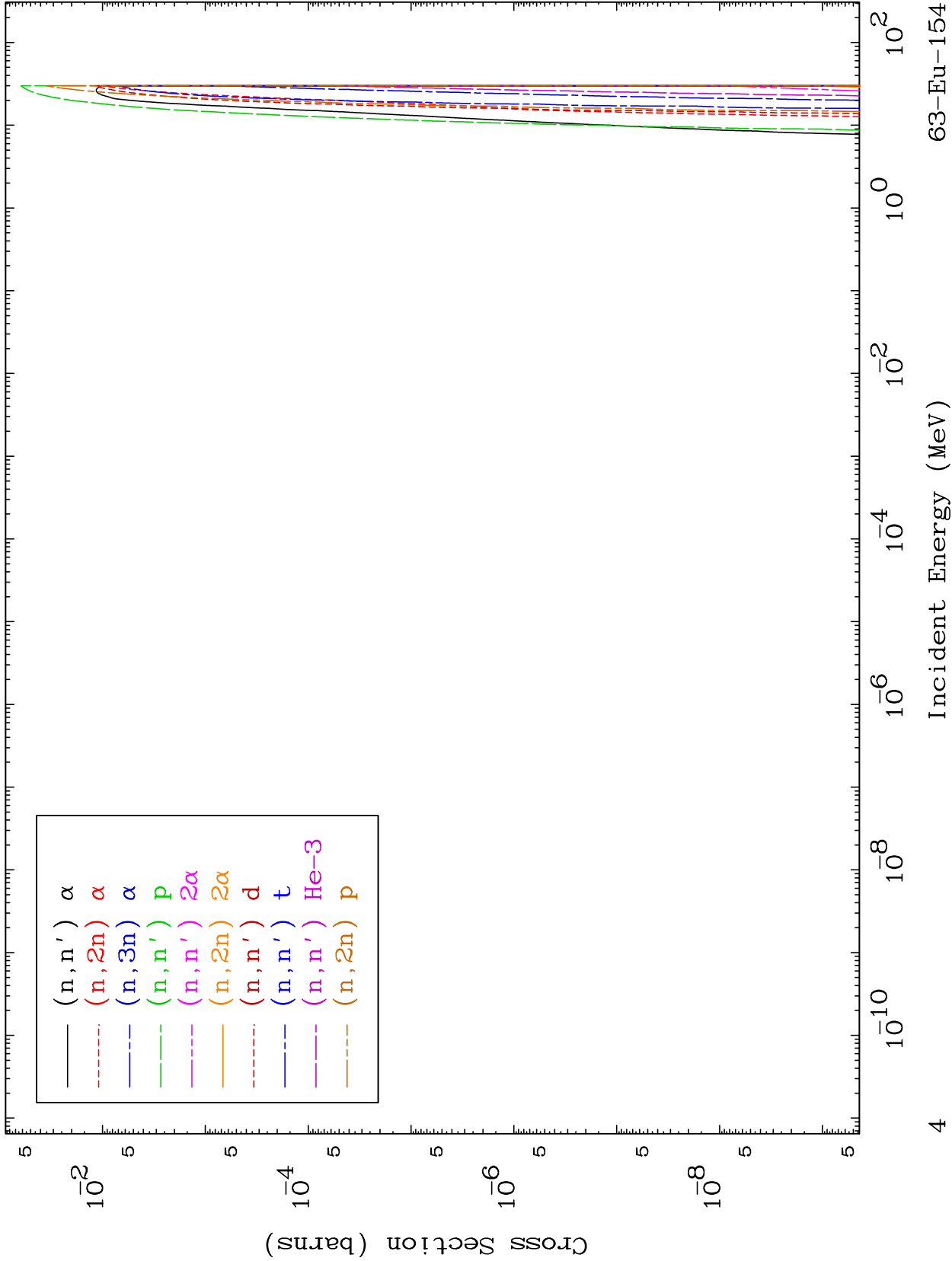


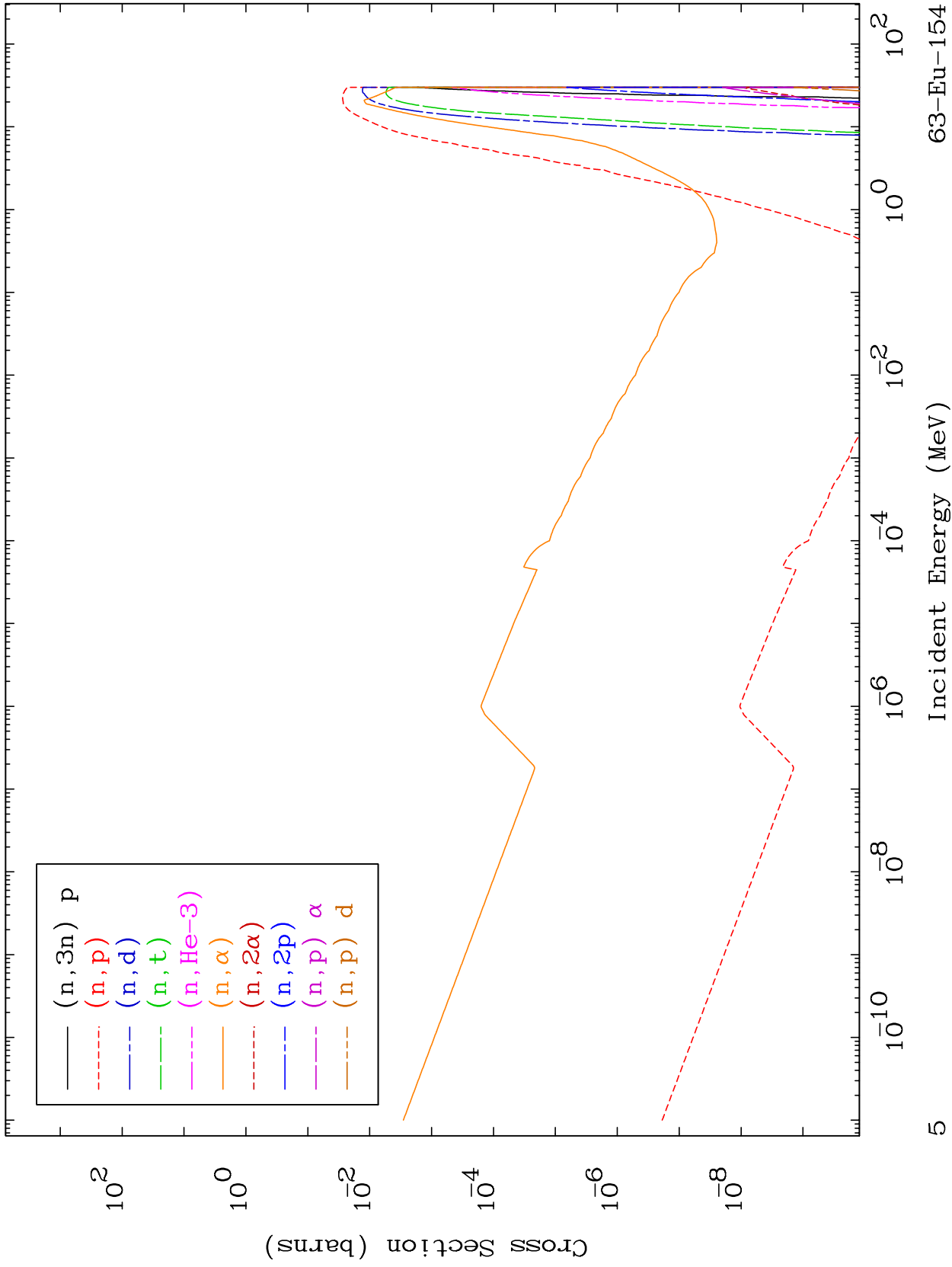


MAT 6334

Charged Particle
293 Kelvin Cross Sections

63-Eu-154

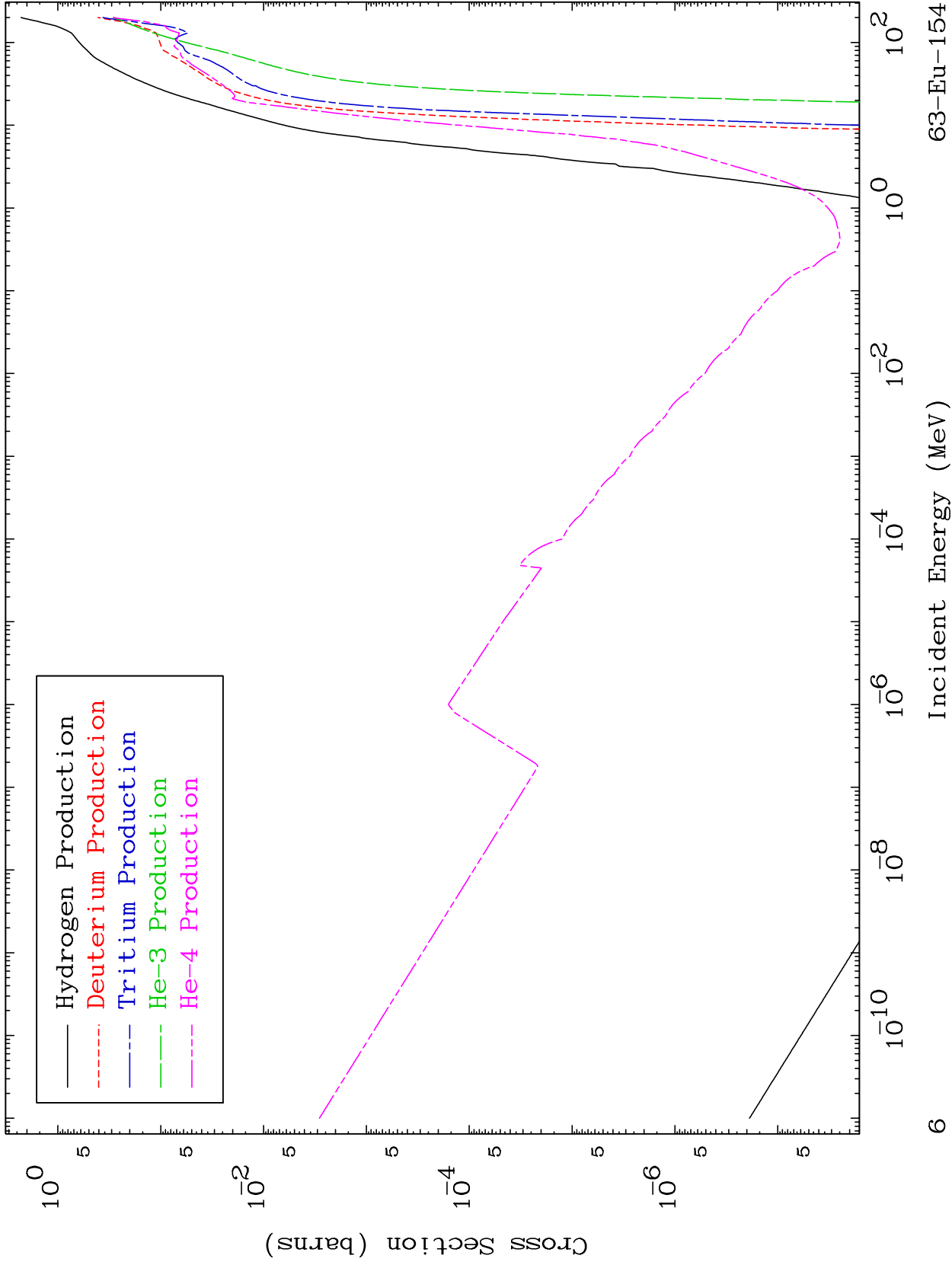




MAT 6334

Particle Production
293 Kelvin Cross Sections

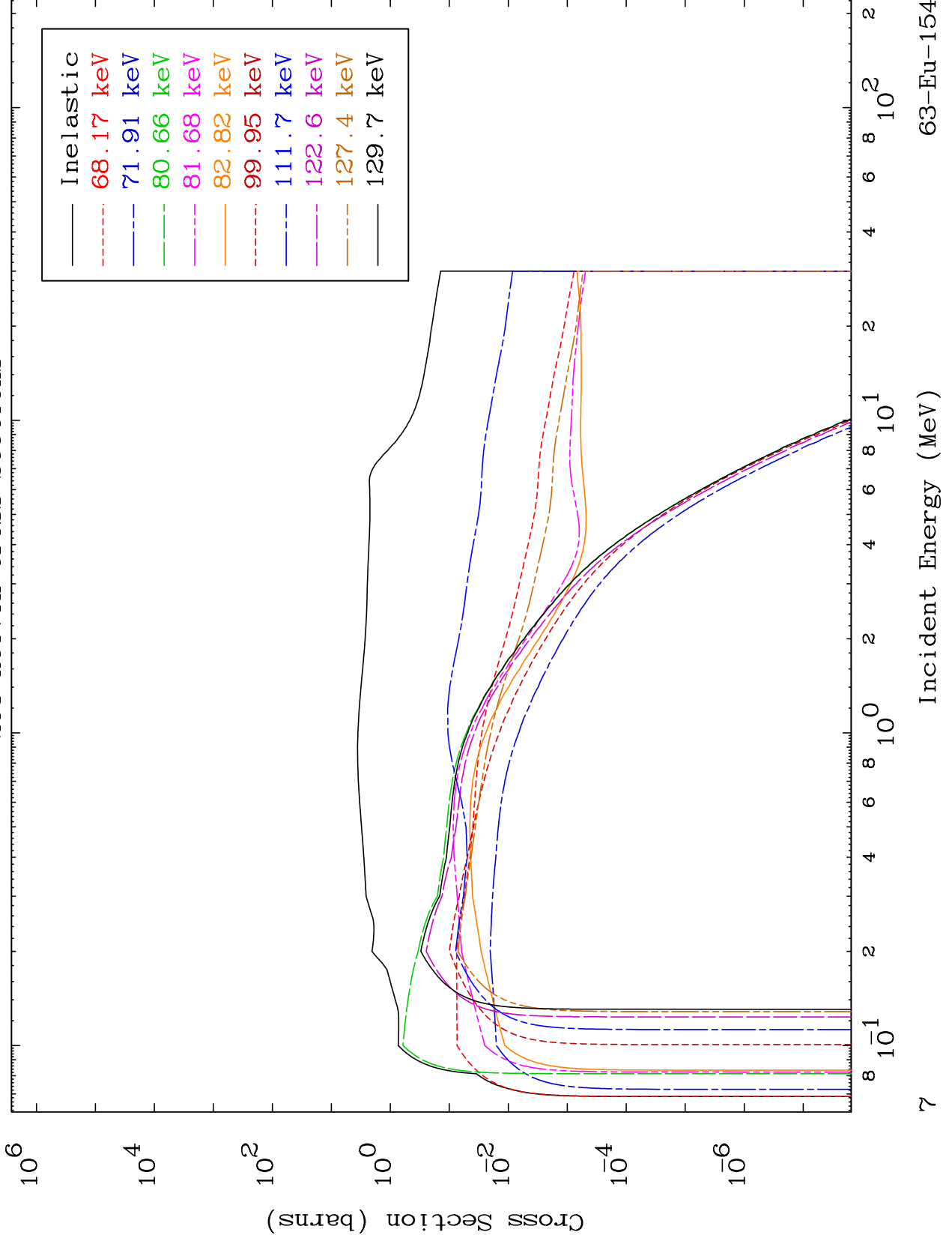
63-Eu-154



MAT 6334

(n,n') Level
293 Kelvin Cross Sections

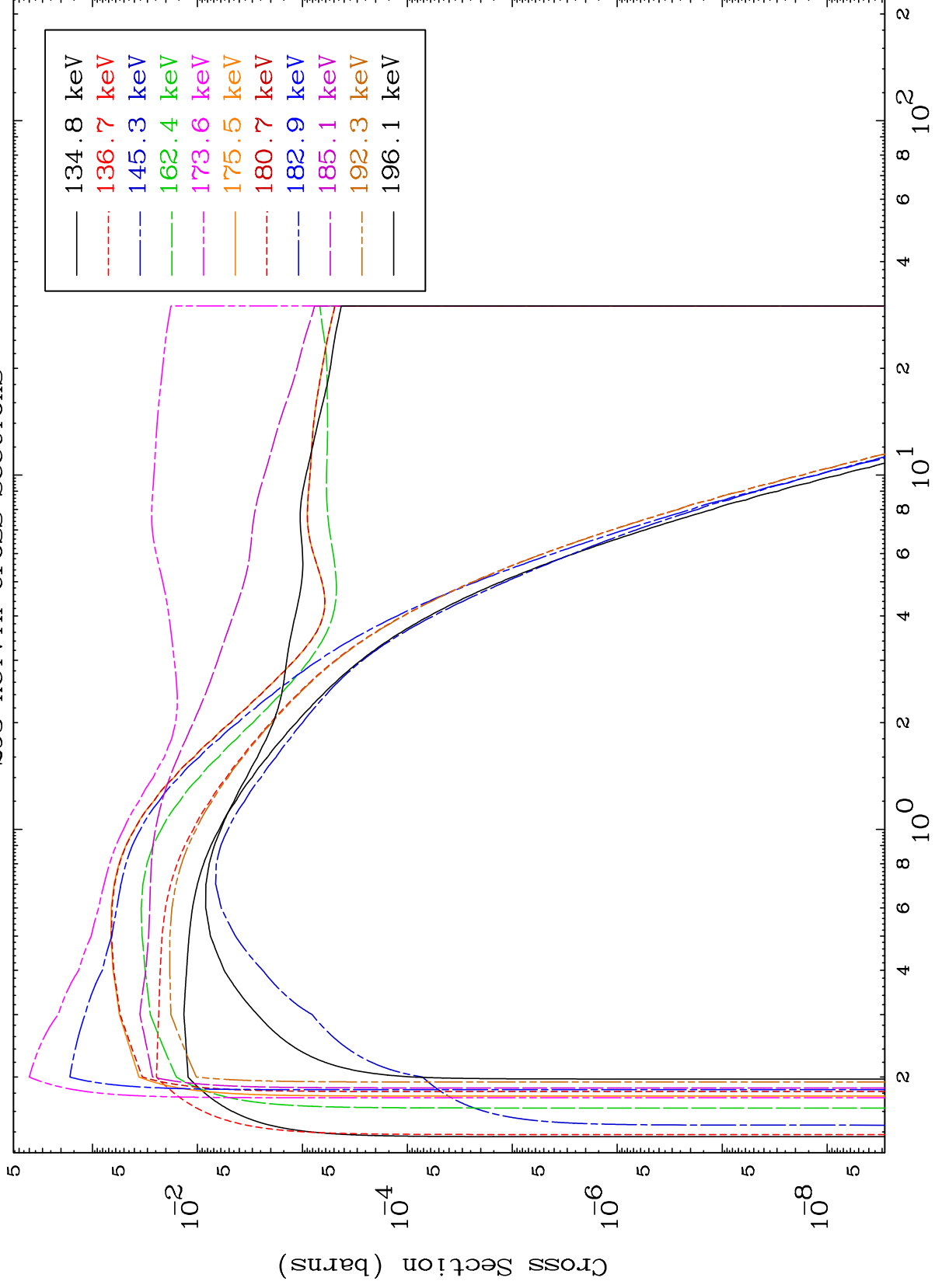
63-Eu-154



MAT 6334

(n,n') Level
293 Kelvin Cross Sections

63-Eu-154



8

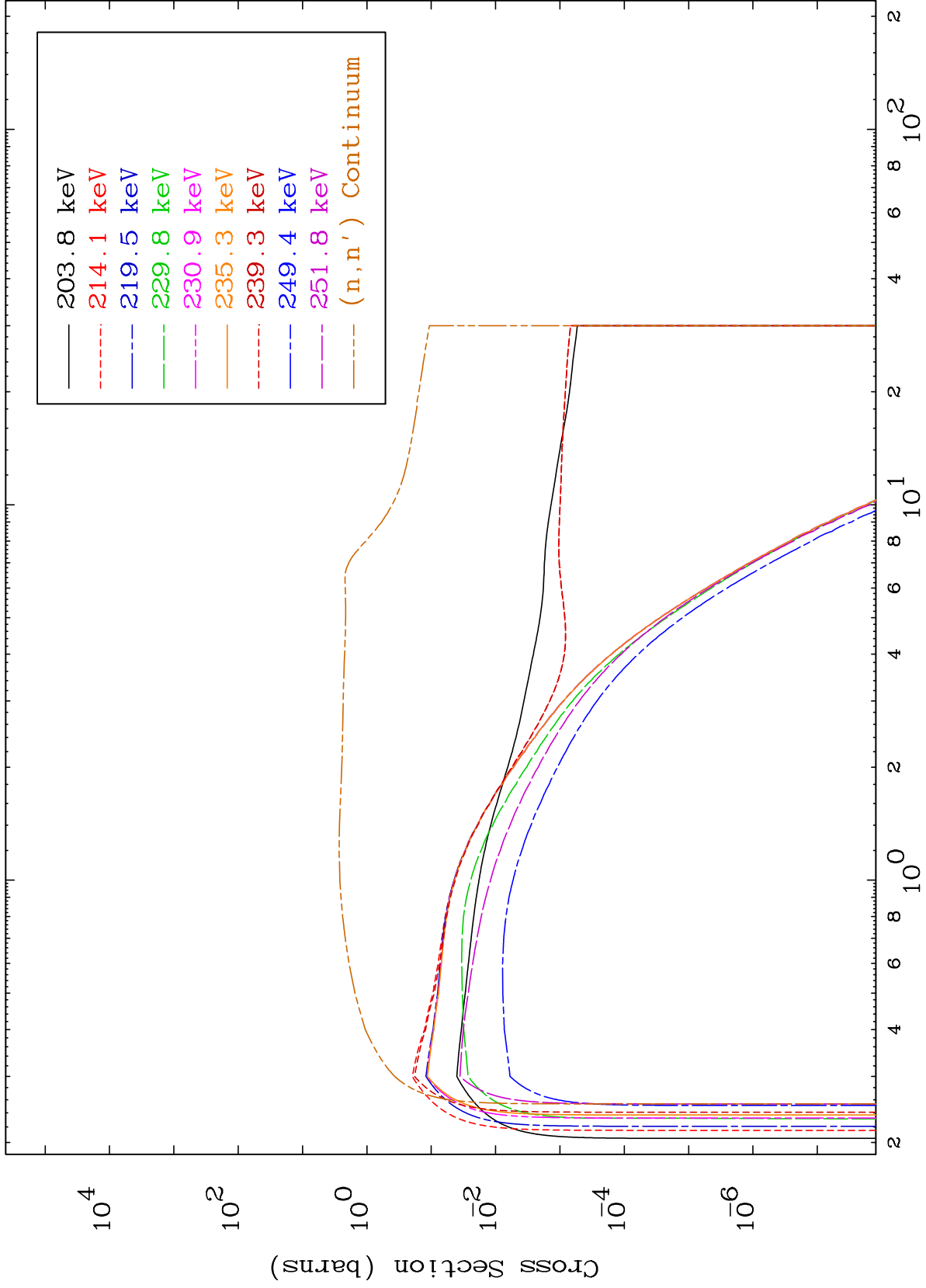
Incident Energy (MeV)

63-Eu-154

MAT 6334

(n,n') Level
293 Kelvin Cross Sections

63-Eu-154



9

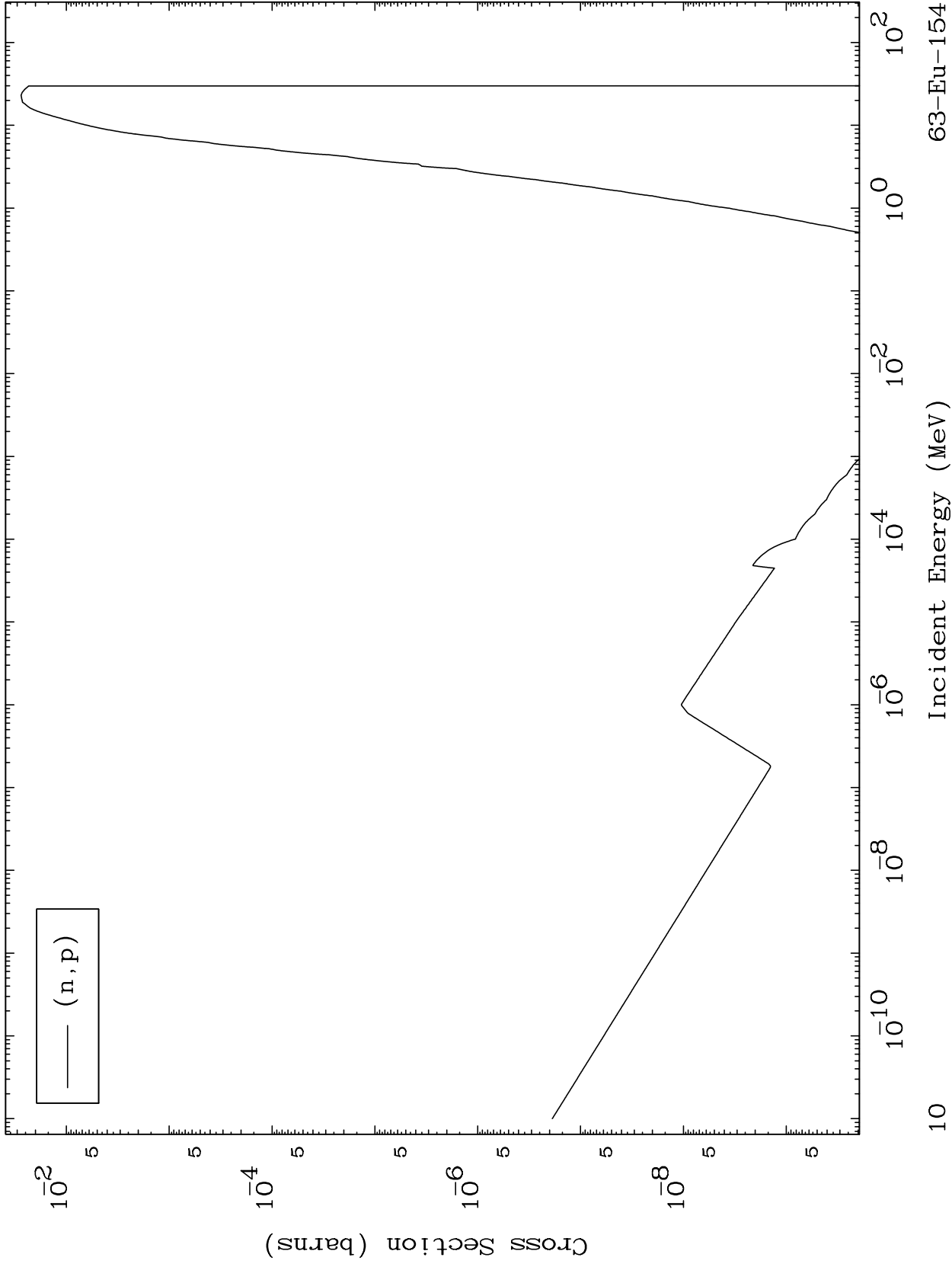
Incident Energy (MeV)

63-Eu-154

MAT 6334

(n,p) Levels
293 Kelvin Cross Sections

63-Eu-154



10

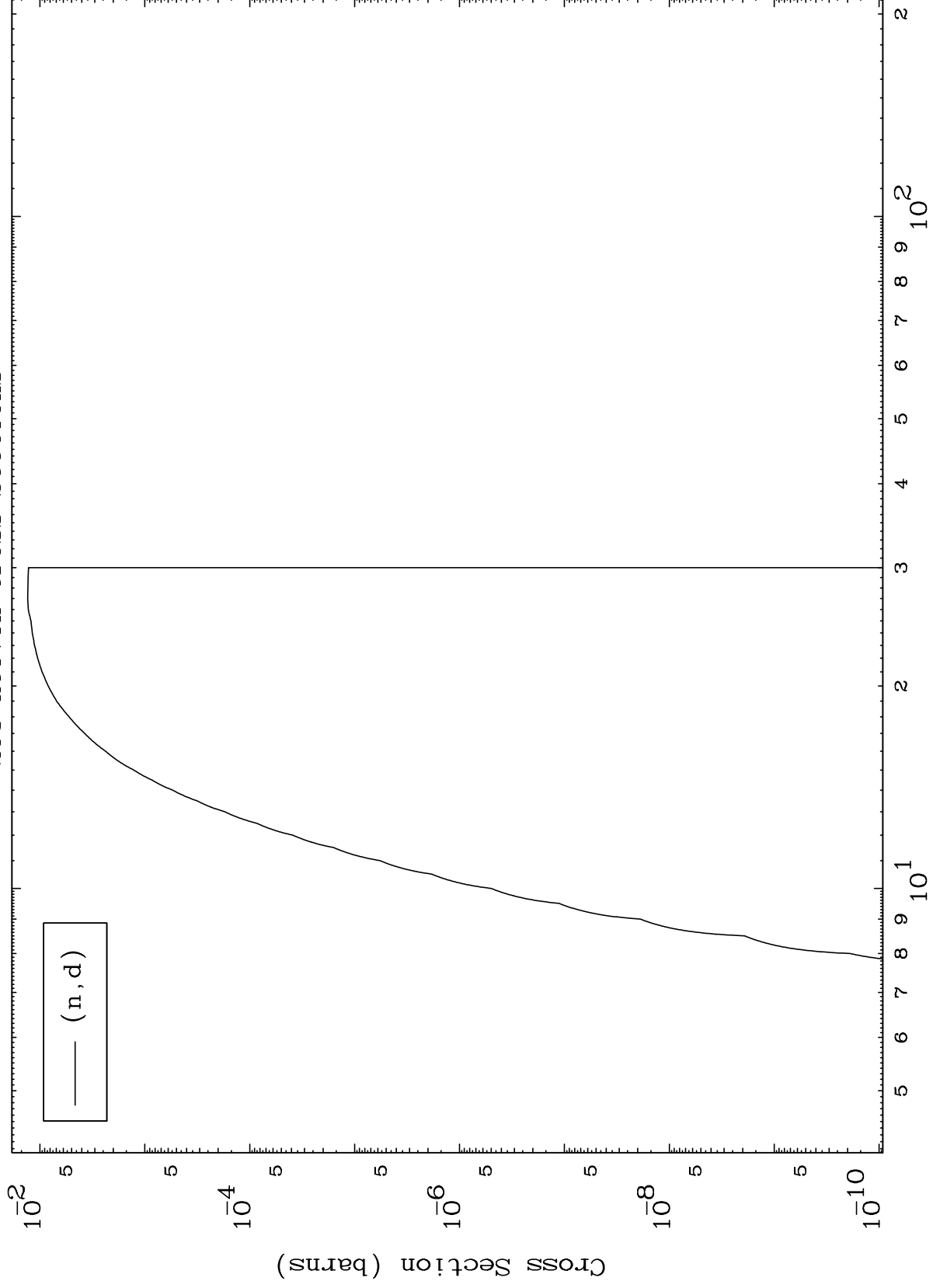
Incident Energy (MeV)

63-Eu-154

MAT 6334

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-154



11

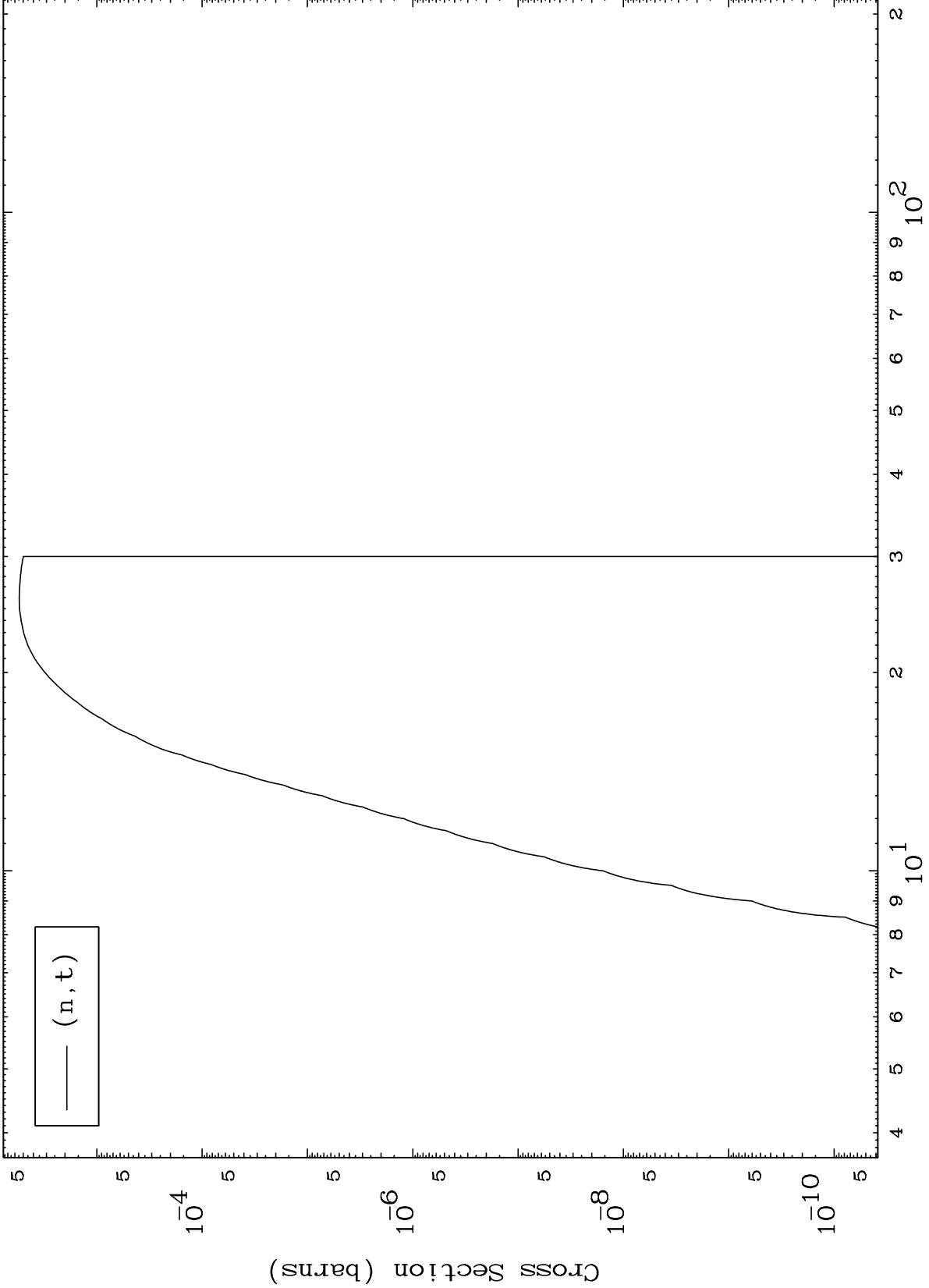
Incident Energy (MeV)

63-Eu-154

MAT 6334

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-154



12

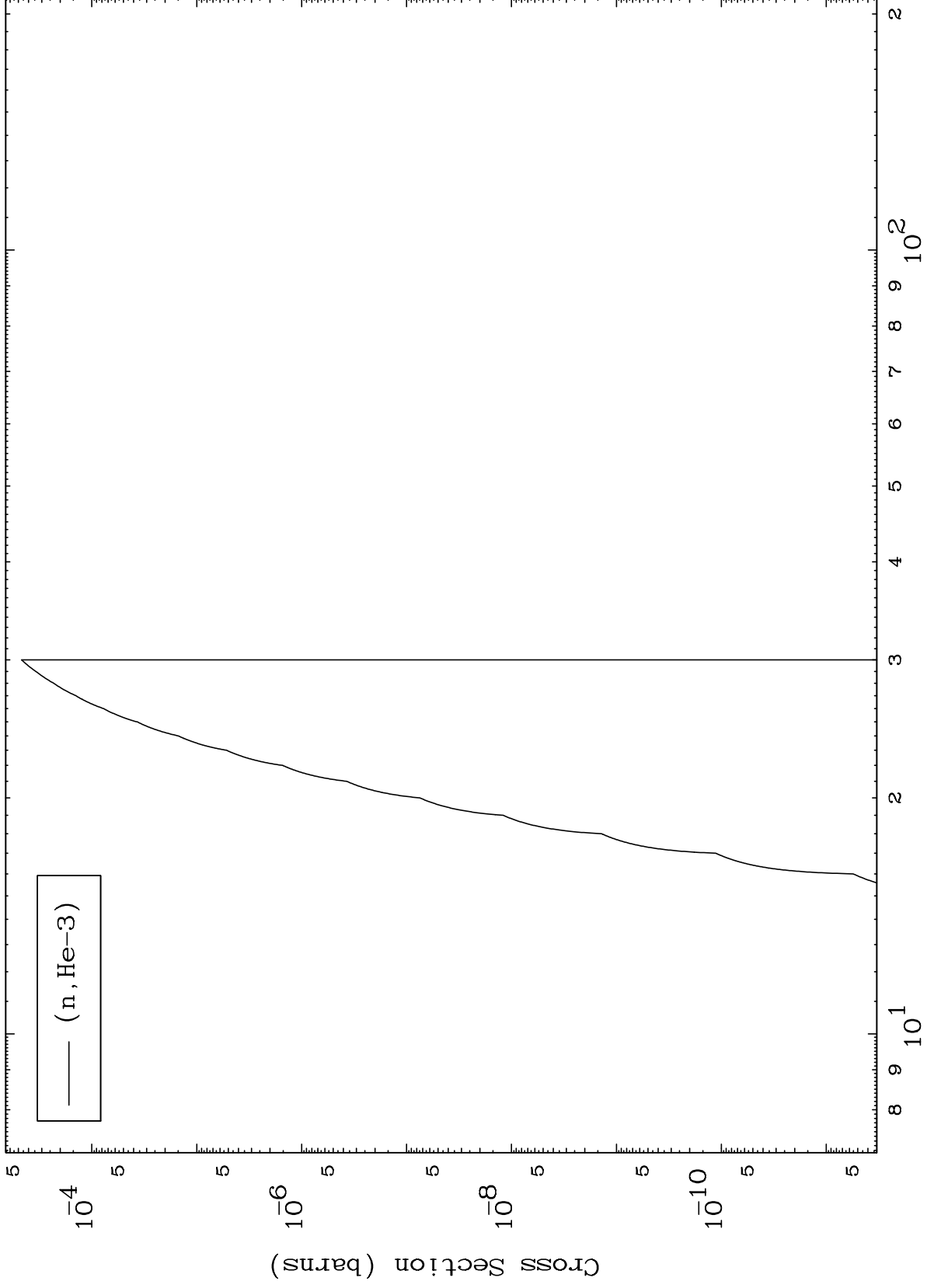
Incident Energy (MeV)

63-Eu-154

MAT 6334

(n,He3) Levels
293 Kelvin Cross Sections

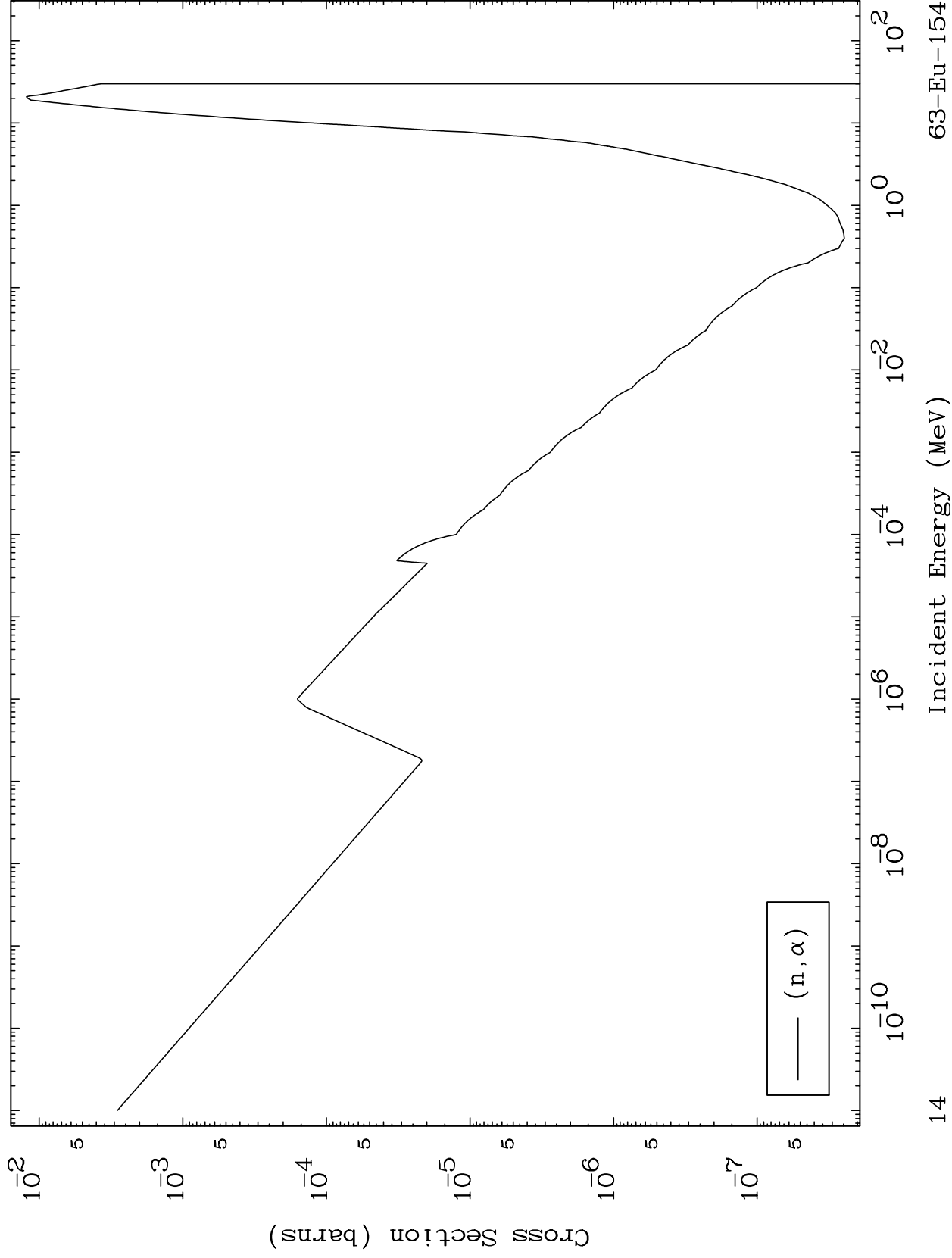
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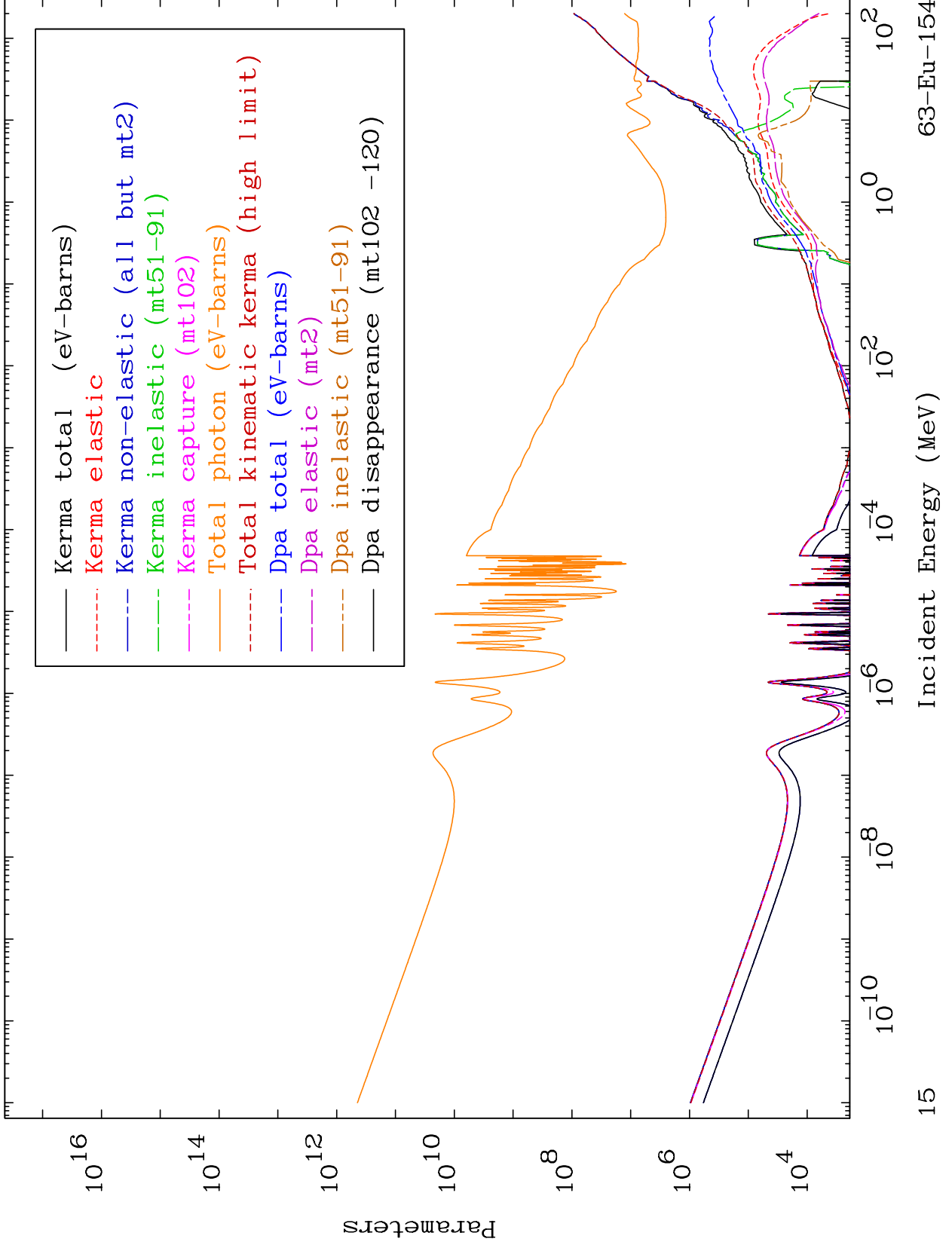


MAT 6334

(n, α) Levels
293 Kelvin Cross Sections

63-Eu-154

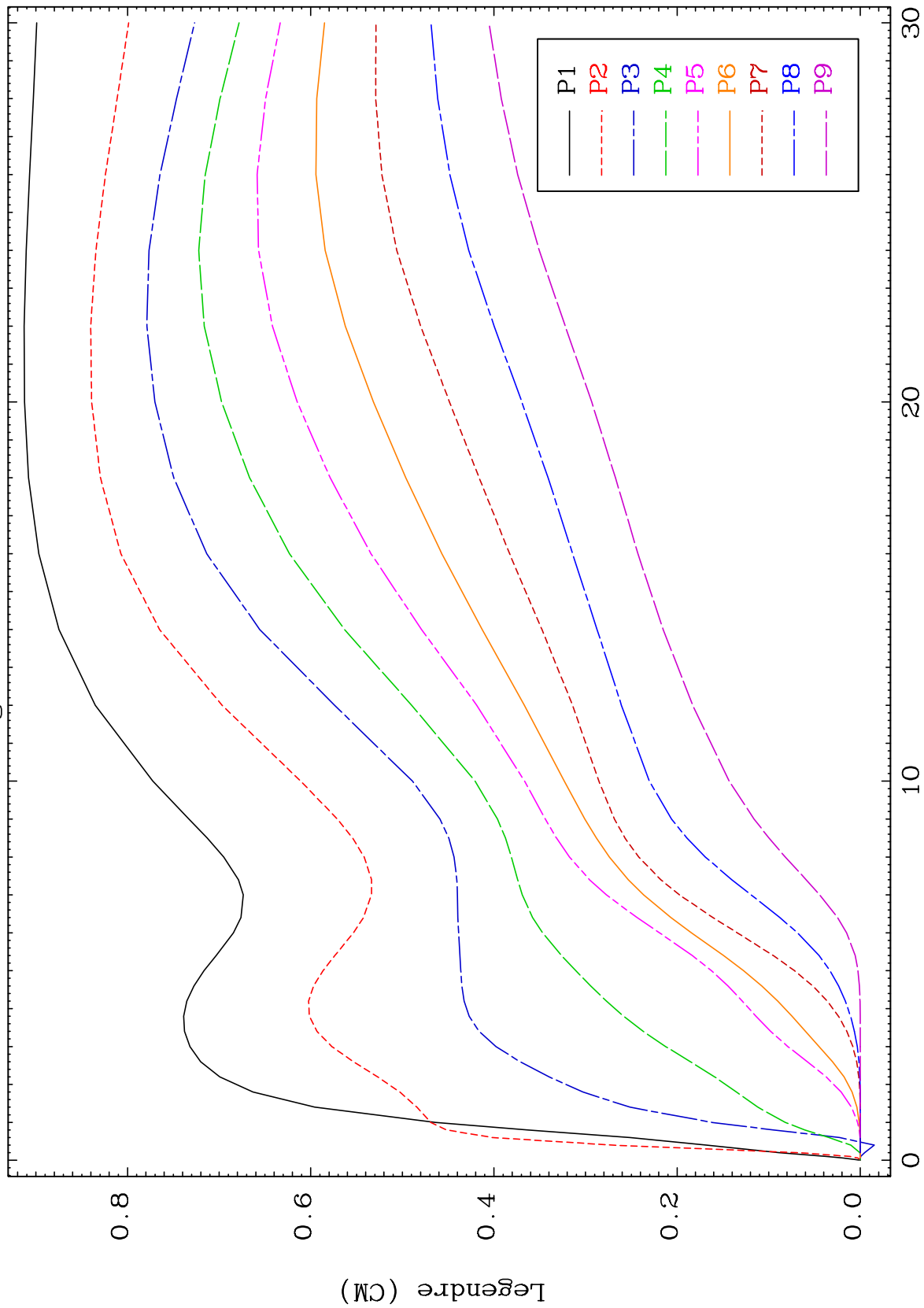




MAT 6334

Elastic Legendre Coefficients

63-Eu-154



16

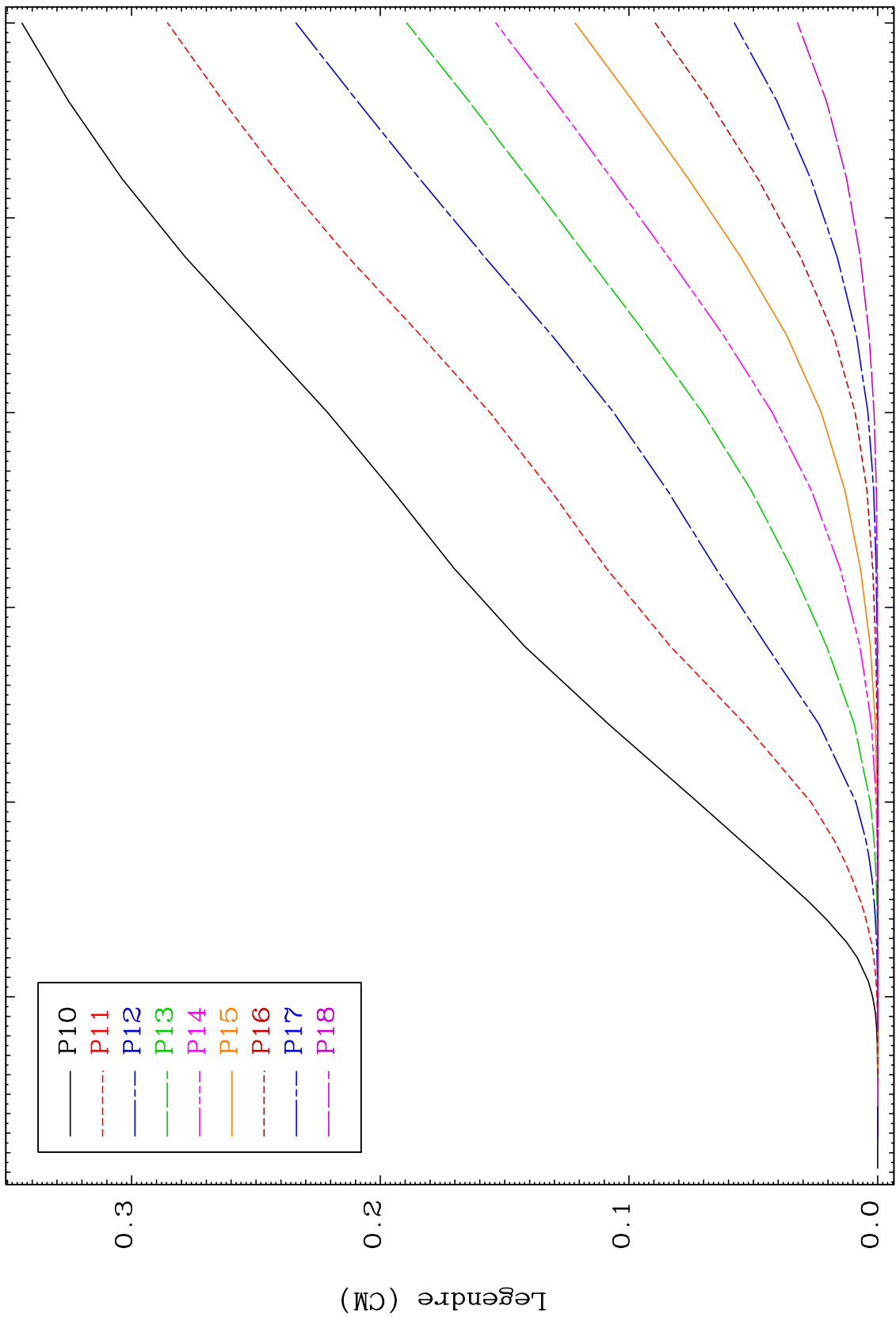
Incident Energy (MeV)

63-Eu-154

MAT 6334

Elastic Legendre Coefficients

⁶³-Eu-154



17

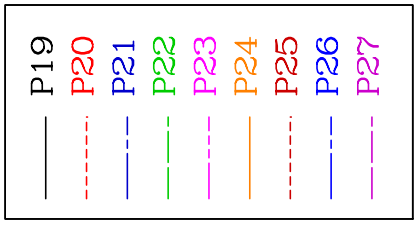
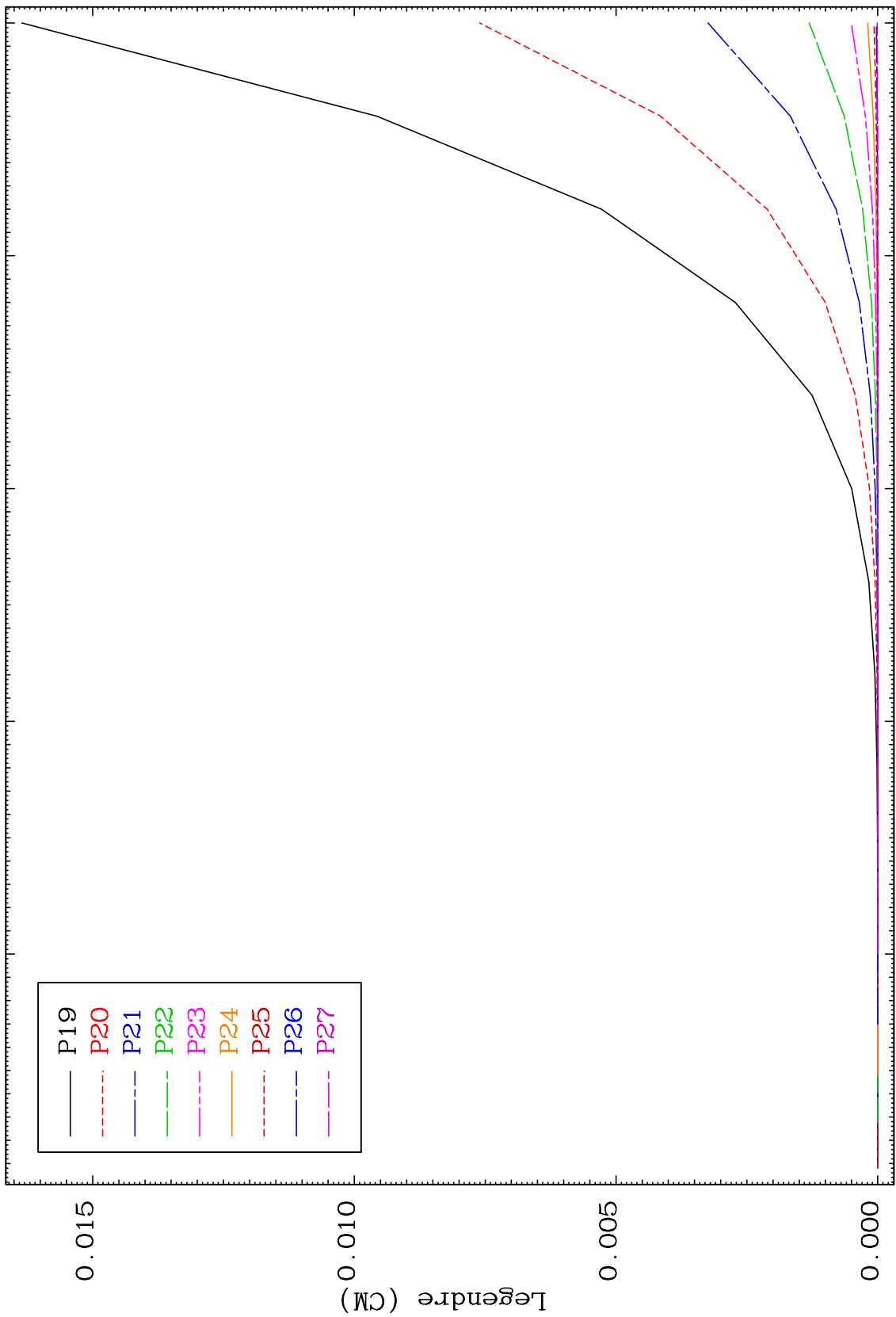
⁶³-Eu-154

Incident Energy (MeV)

MAT 6334

Elastic Legendre Coefficients

63-Eu-154



18

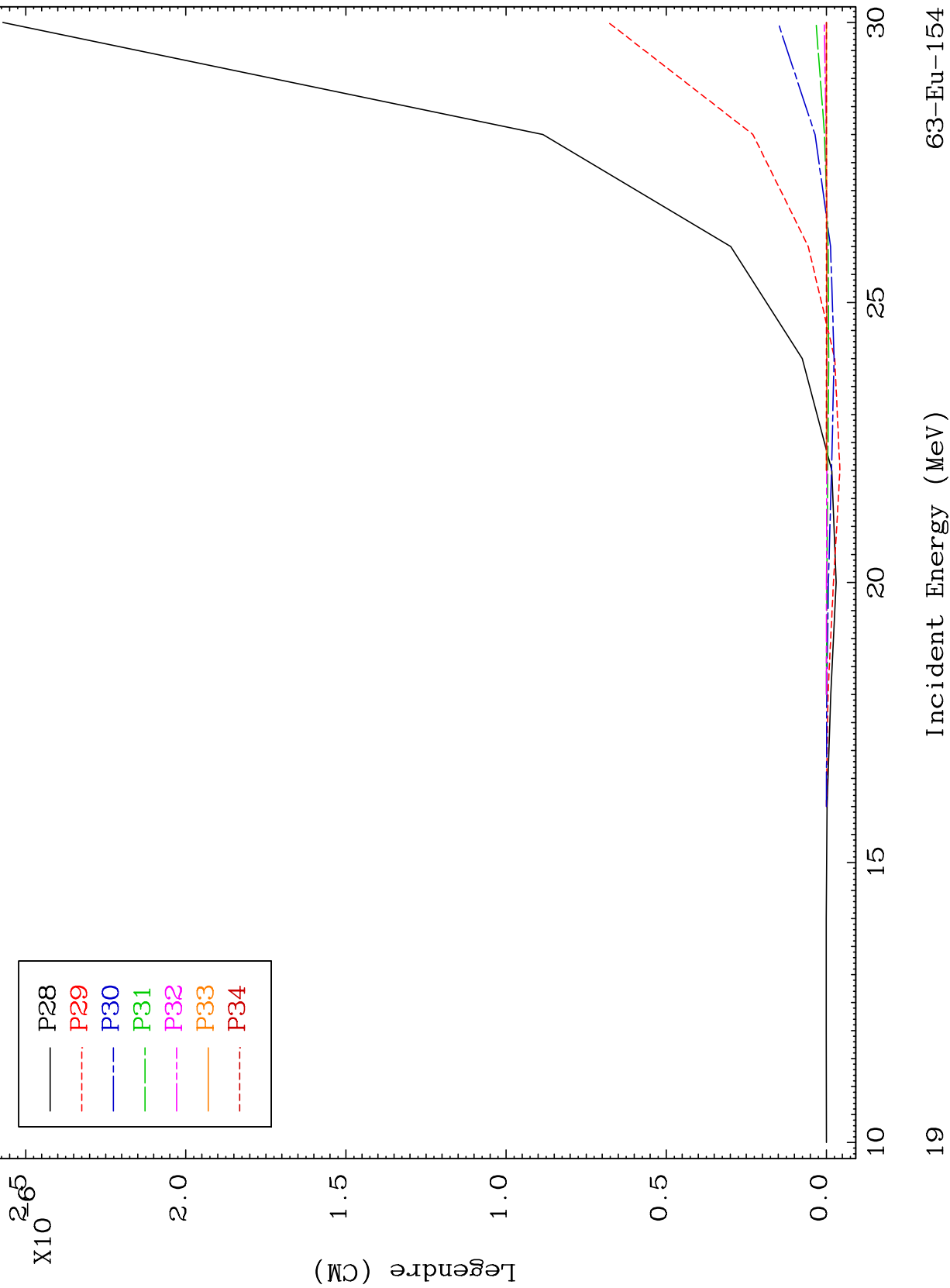
Incident Energy (MeV)

63-Eu-154

MAT 6334

Elastic Legendre Coefficients

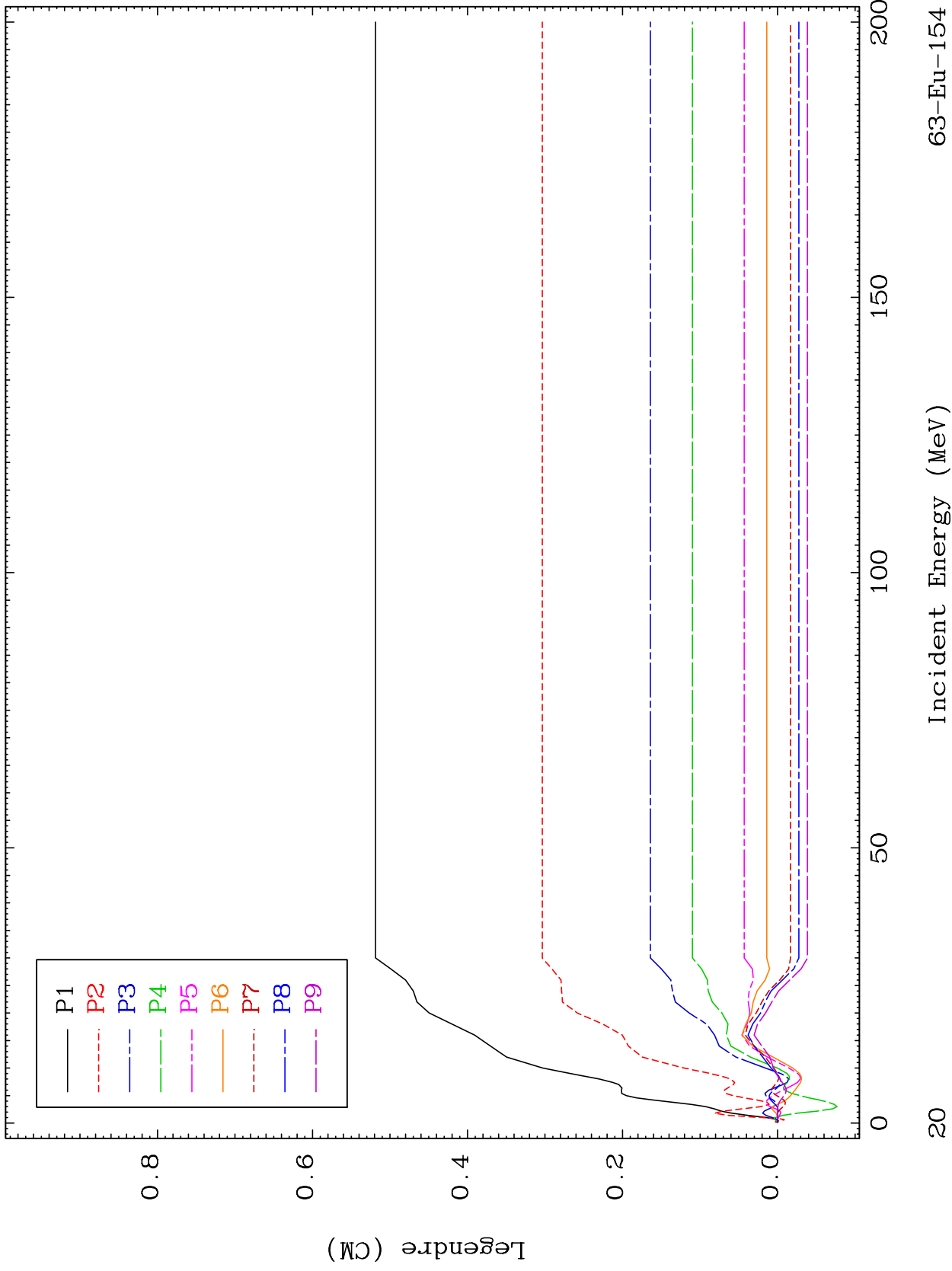
63-Eu-154



MAT 6334

68.17 keV (n,n') Level
Legendre Coefficients

63-Eu-154



63-Eu-154

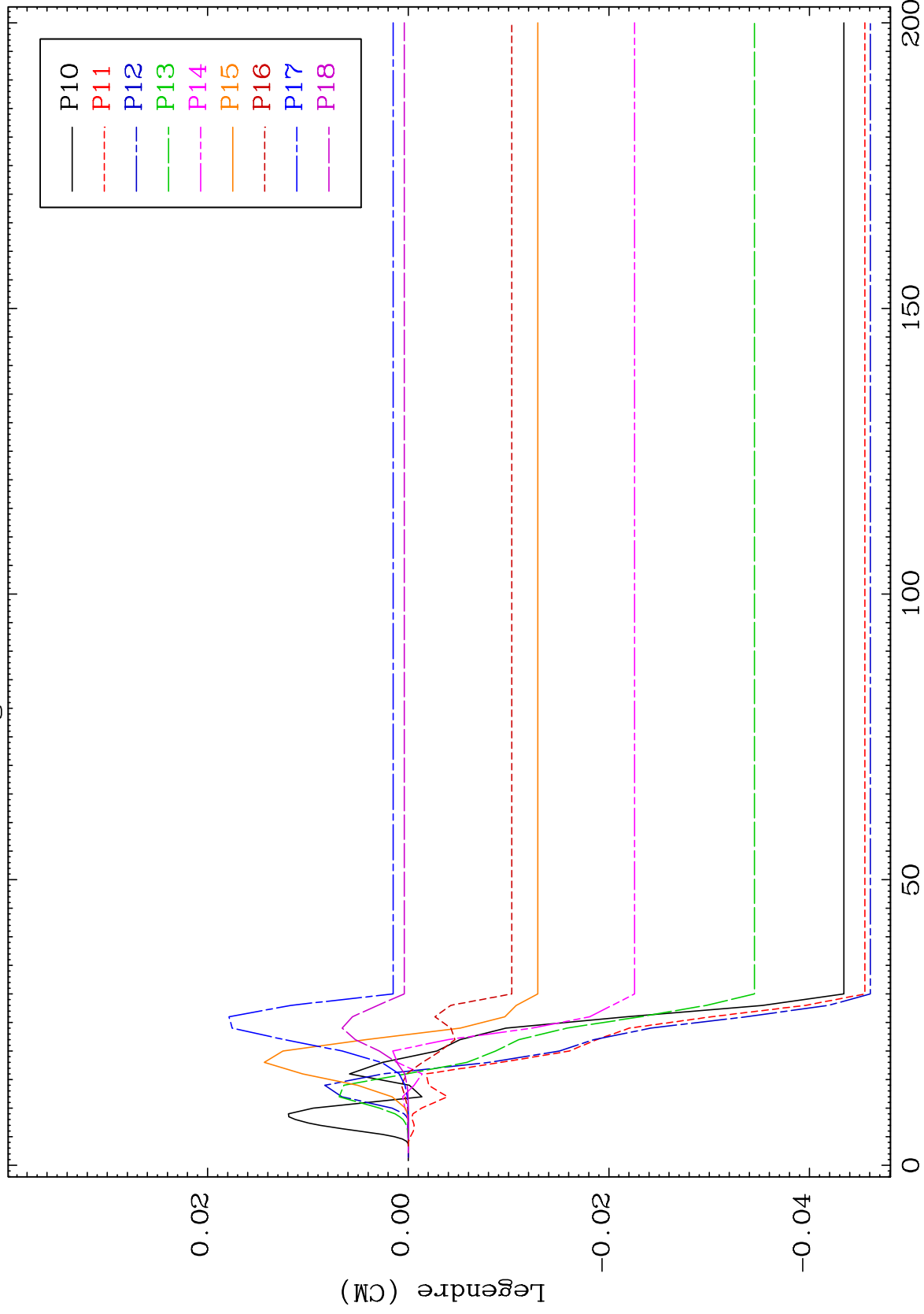
Incident Energy (MeV)

0

MAT 6334

68.17 keV (n,n') Level
Legendre Coefficients

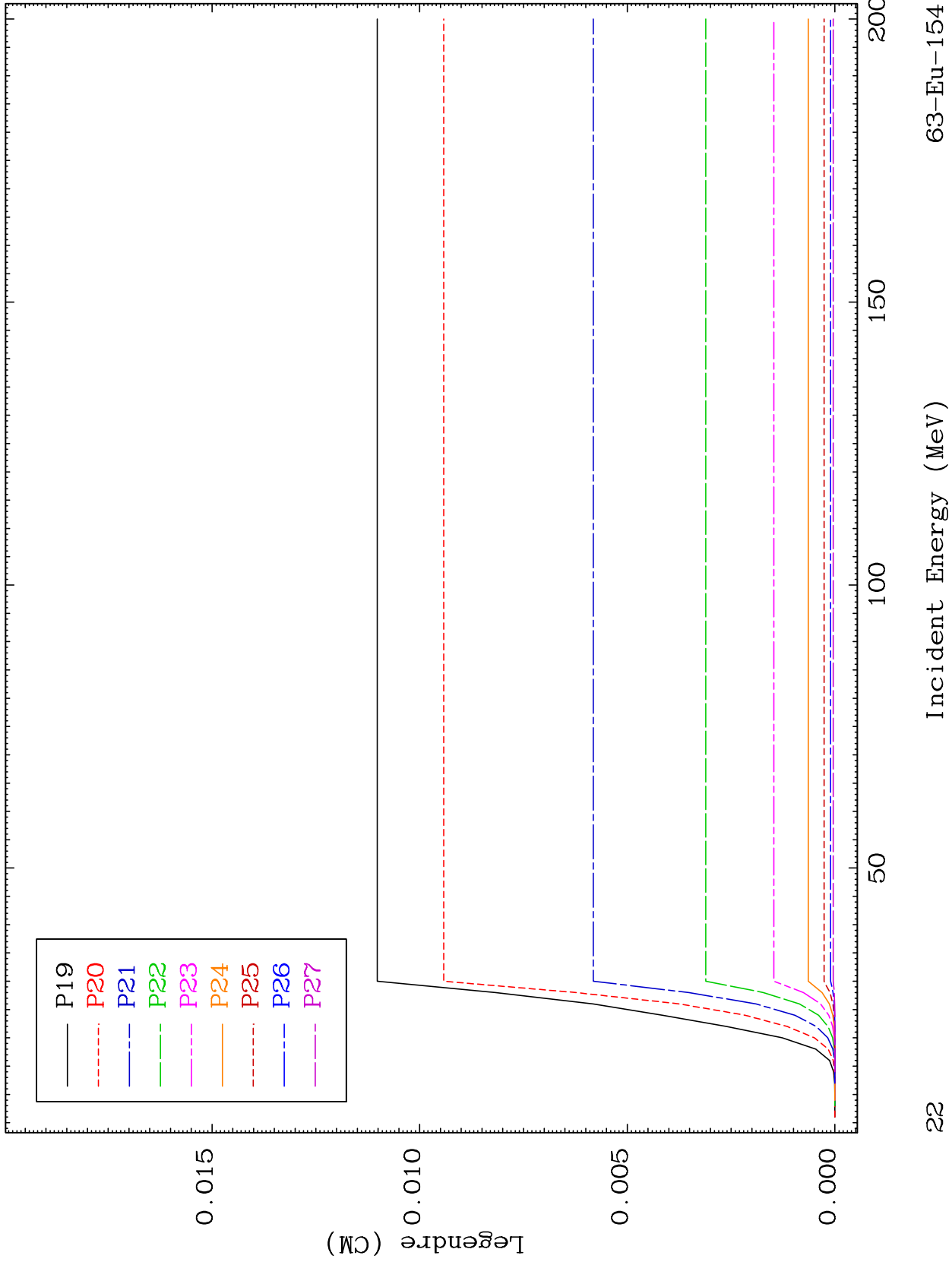
63-Eu-154



MAT 6334

68.17 keV (n,n') Level
Legendre Coefficients

63-Eu-154



22

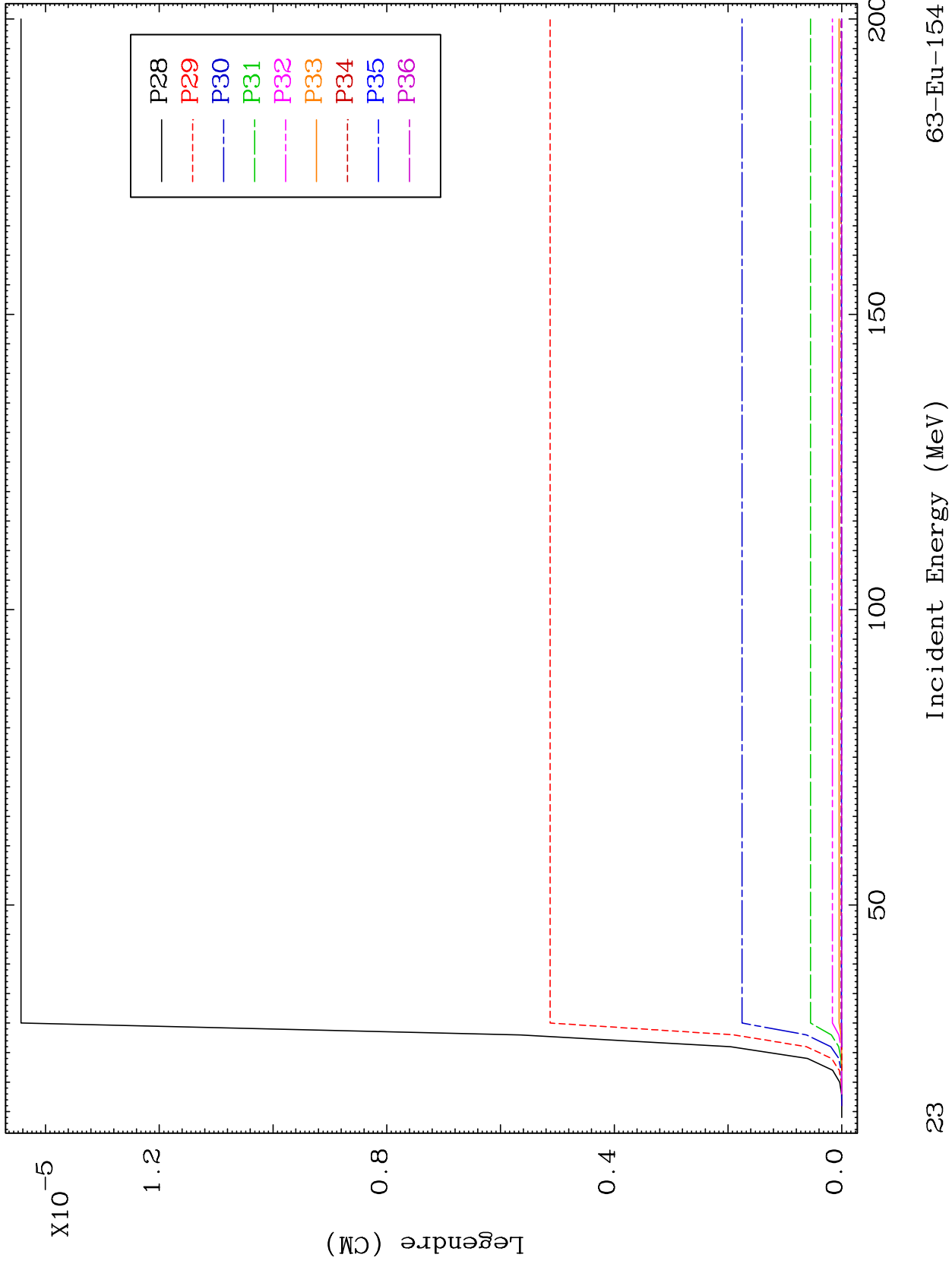
Incident Energy (MeV)

63-Eu-154

MAT 6334

68.17 keV (n,n') Level
Legendre Coefficients

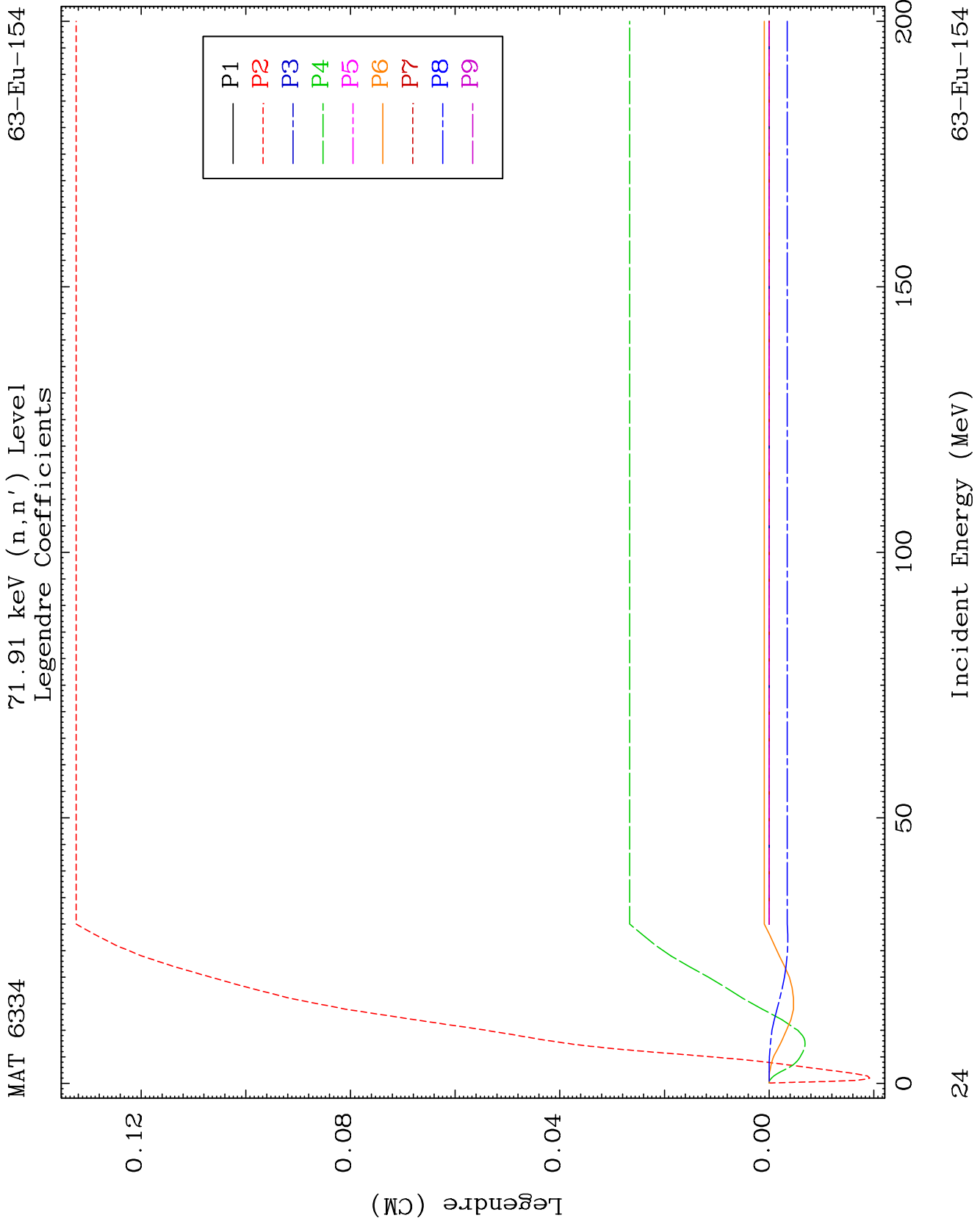
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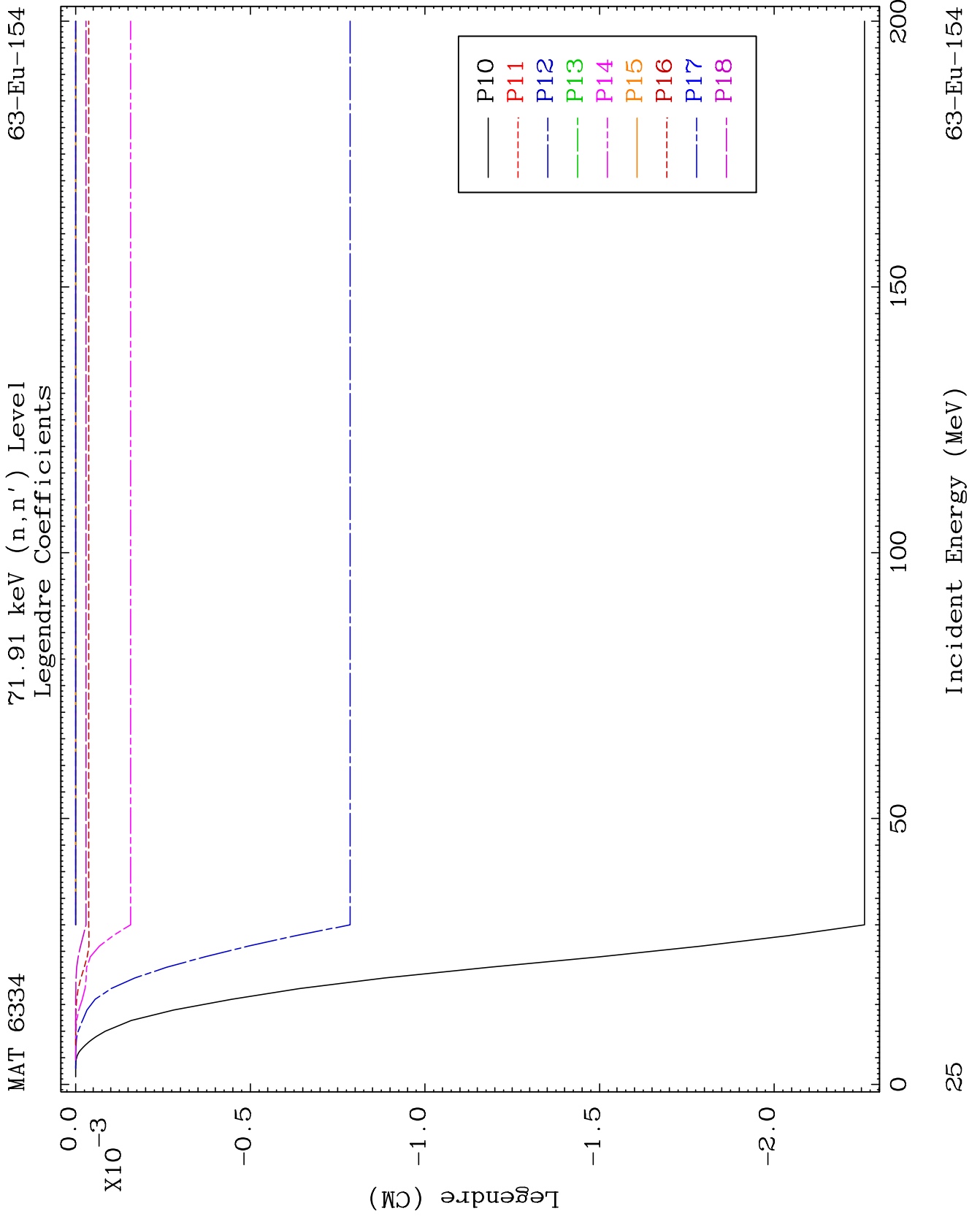


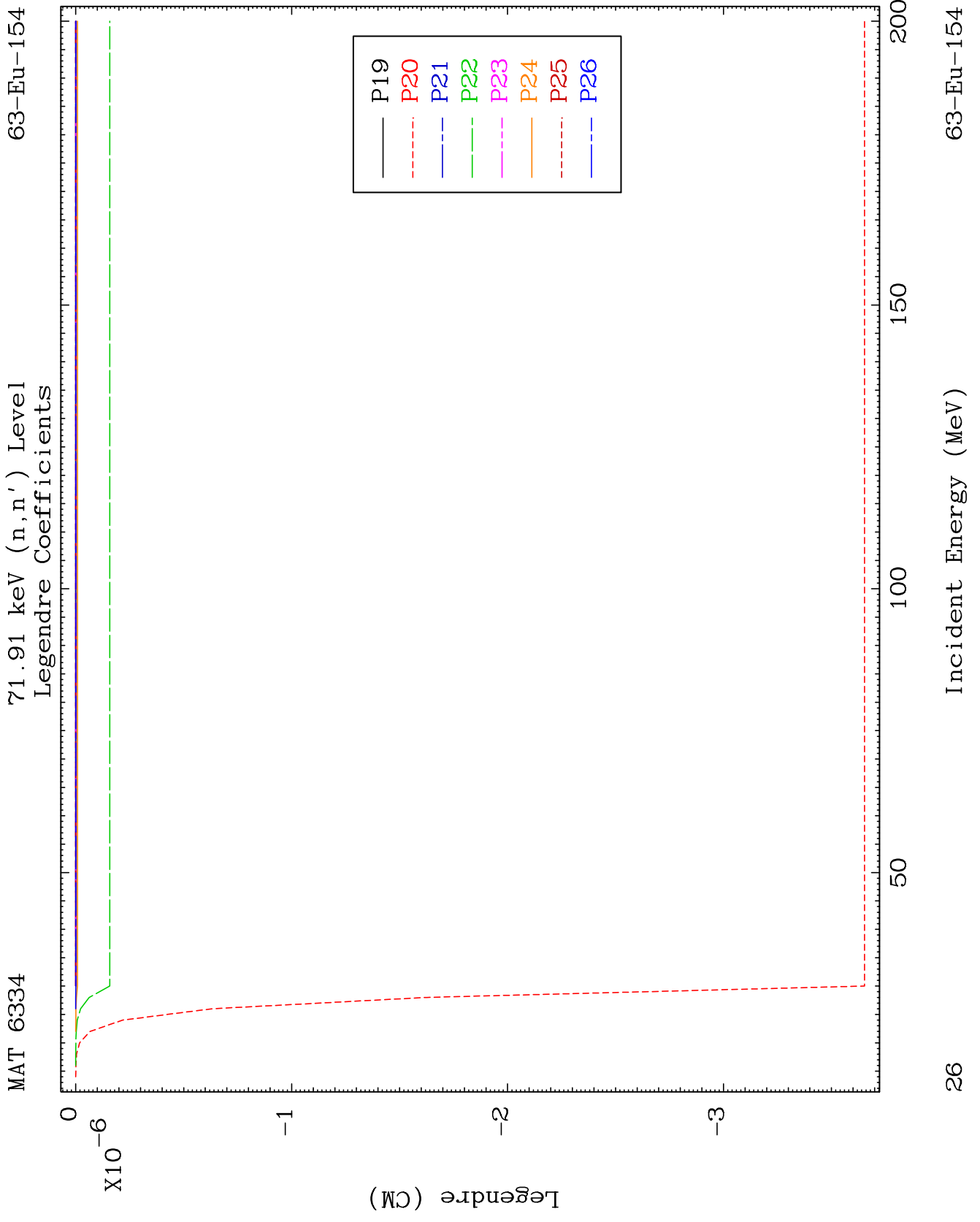
23

Incident Energy (MeV)

63-Eu-154



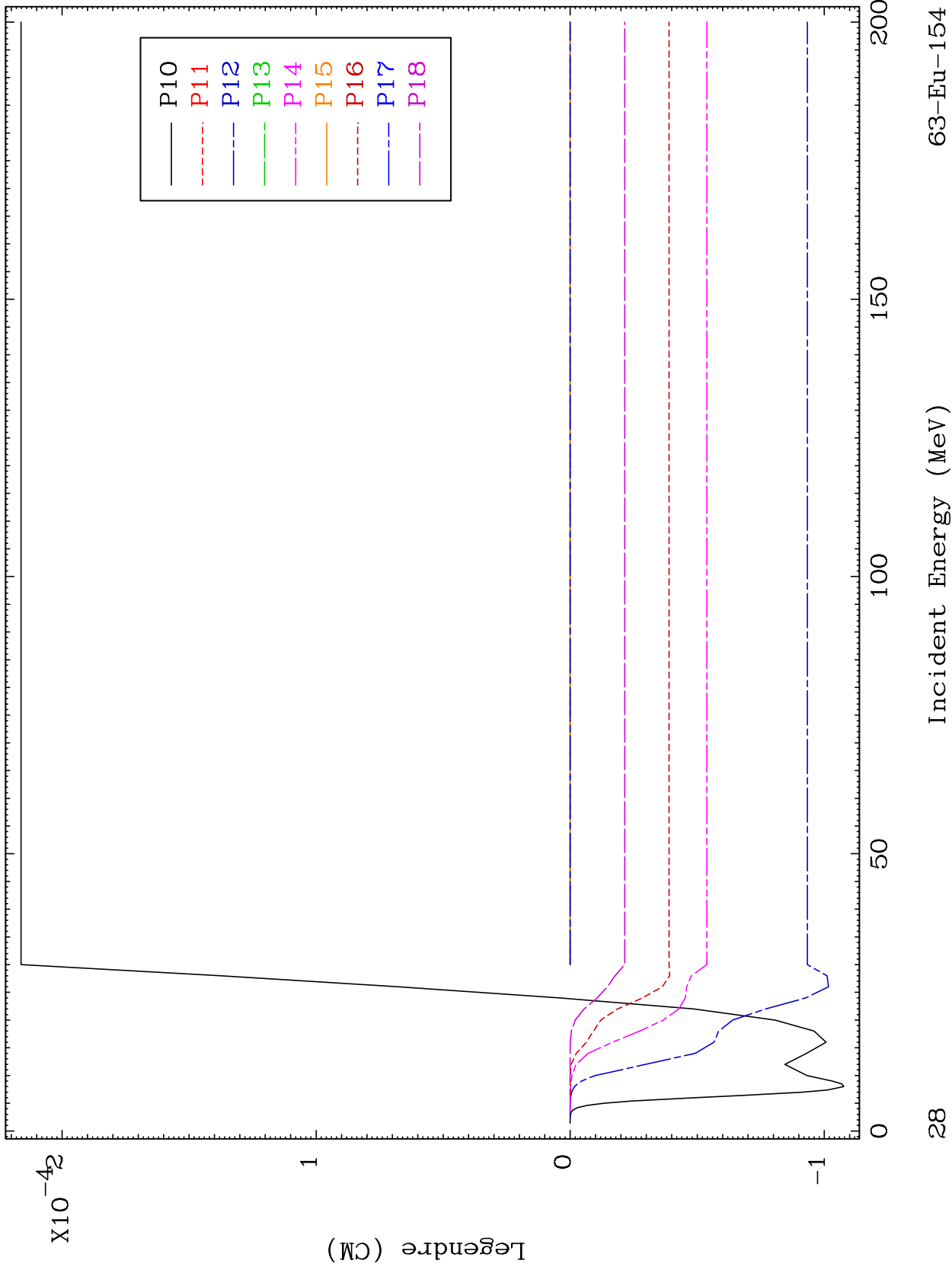


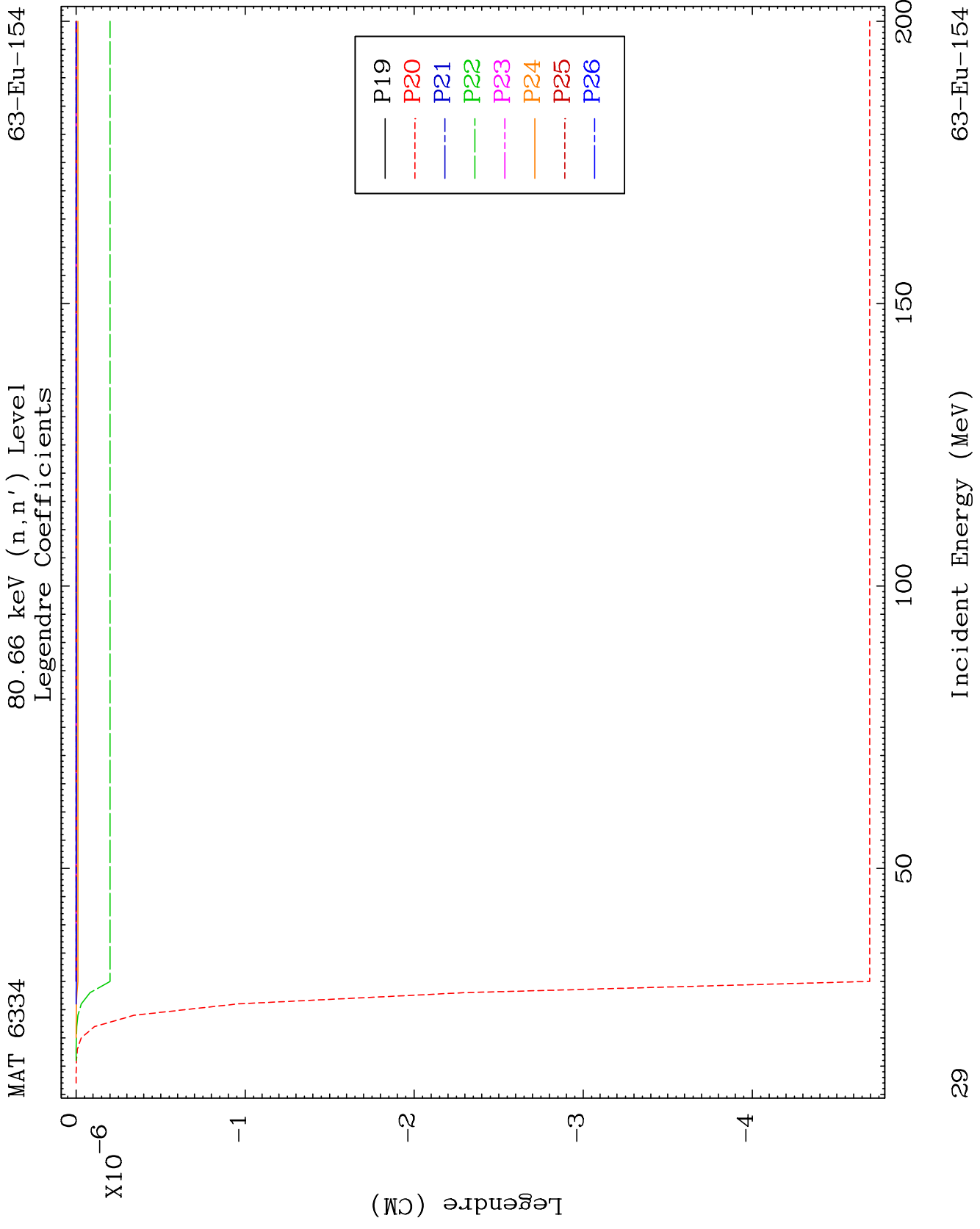


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80.66 keV (n,n') Level
Legendre Coefficients

63-Eu-154

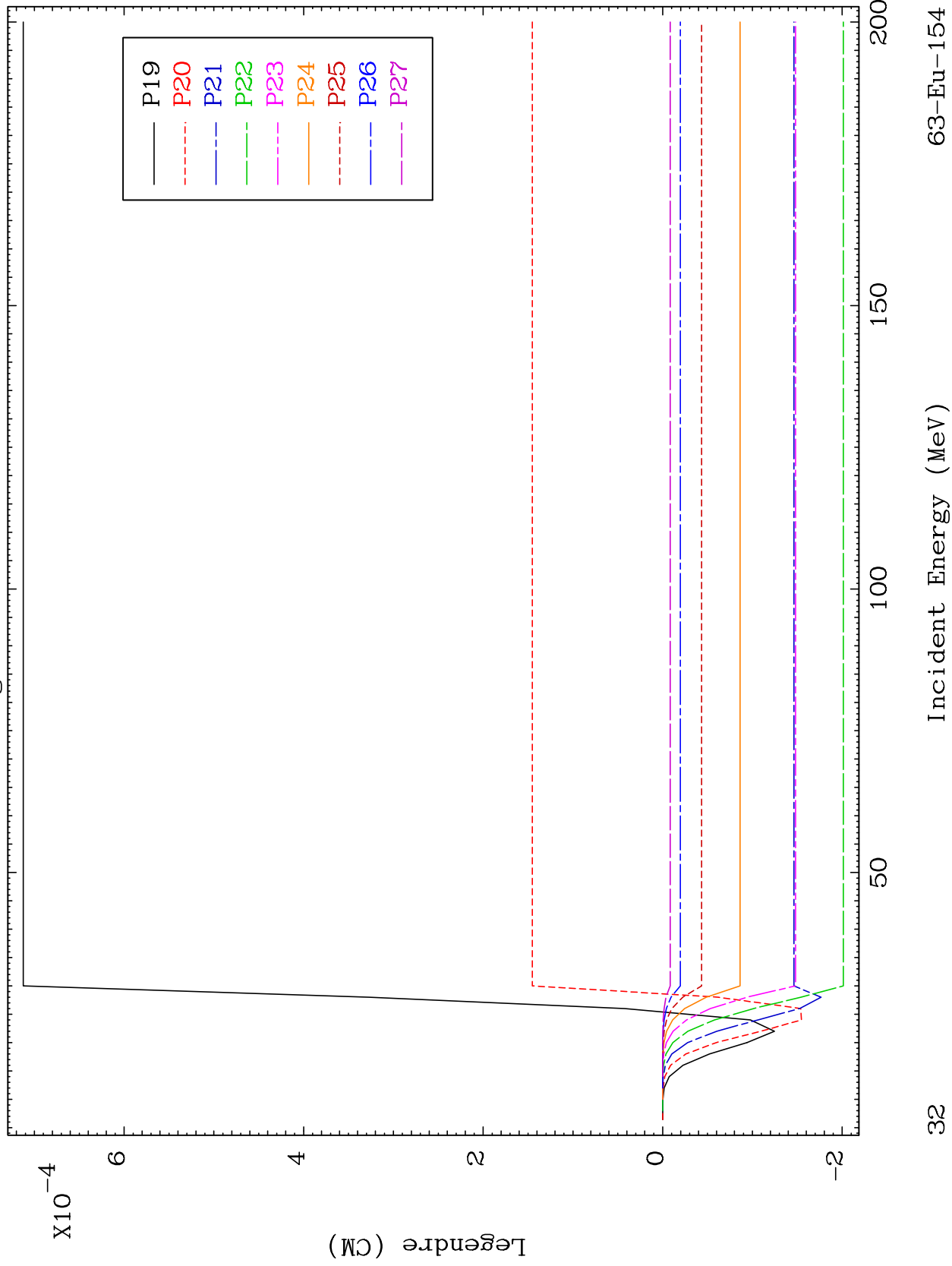




MAT 6334

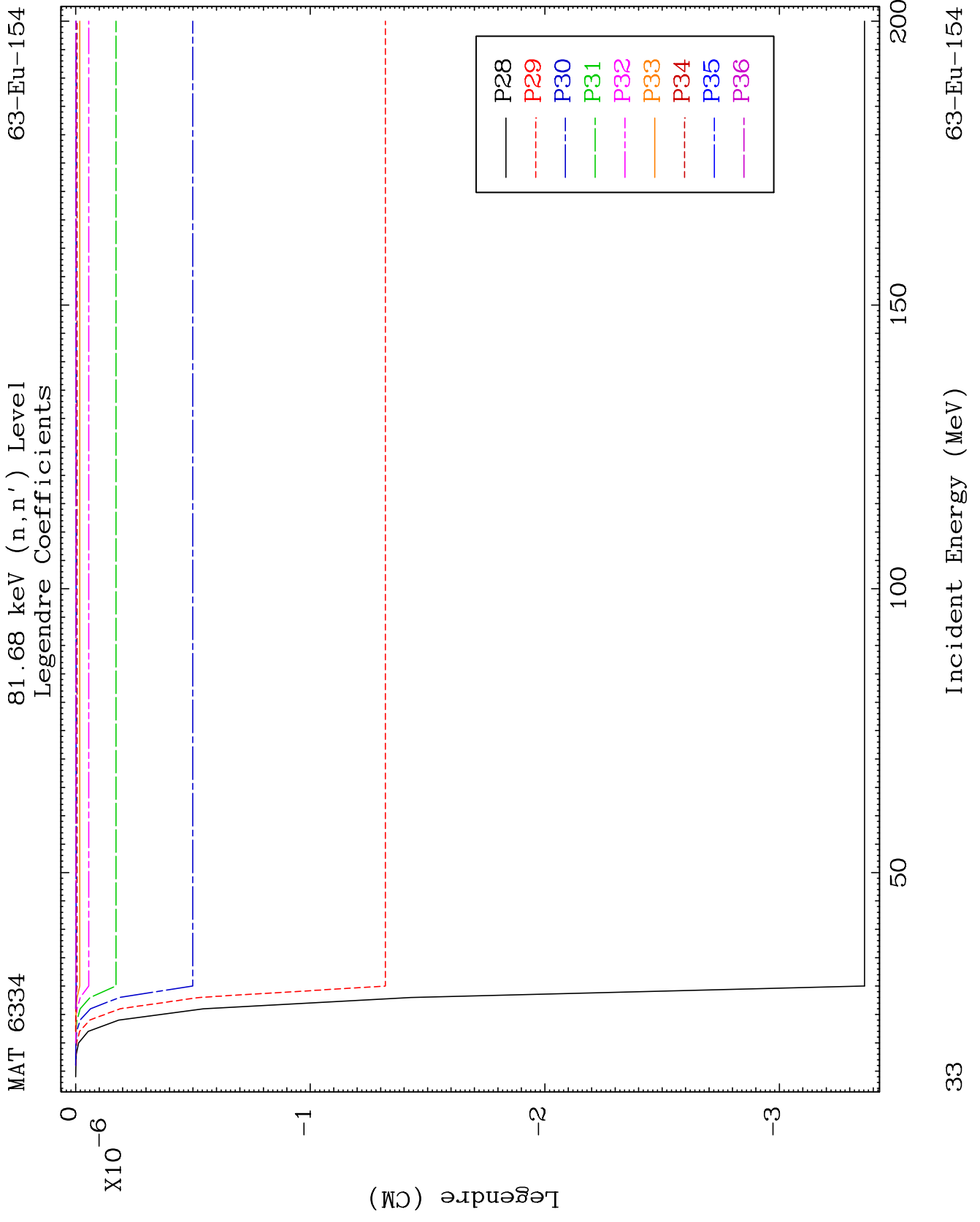
81.68 keV (n,n') Level
Legendre Coefficients

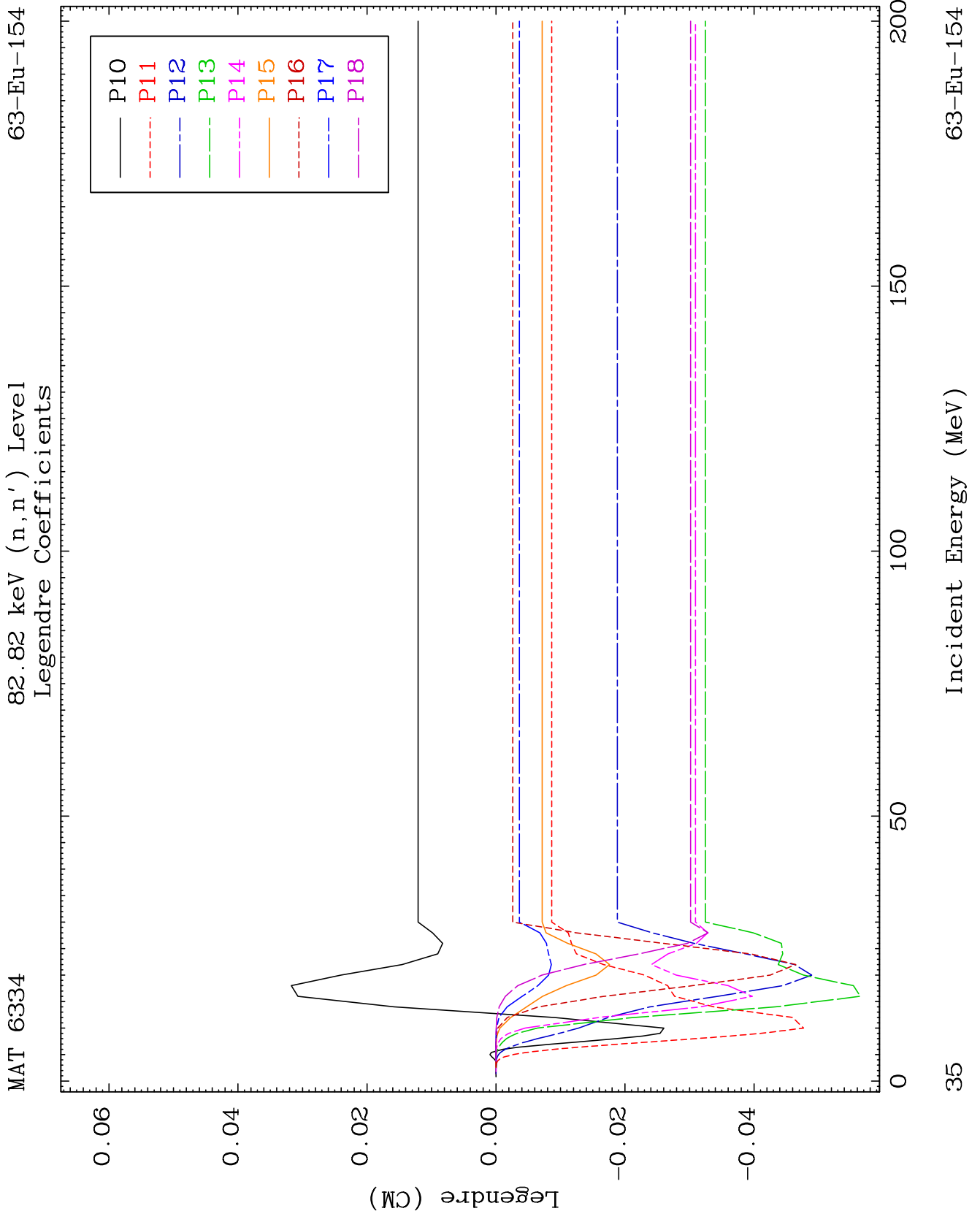
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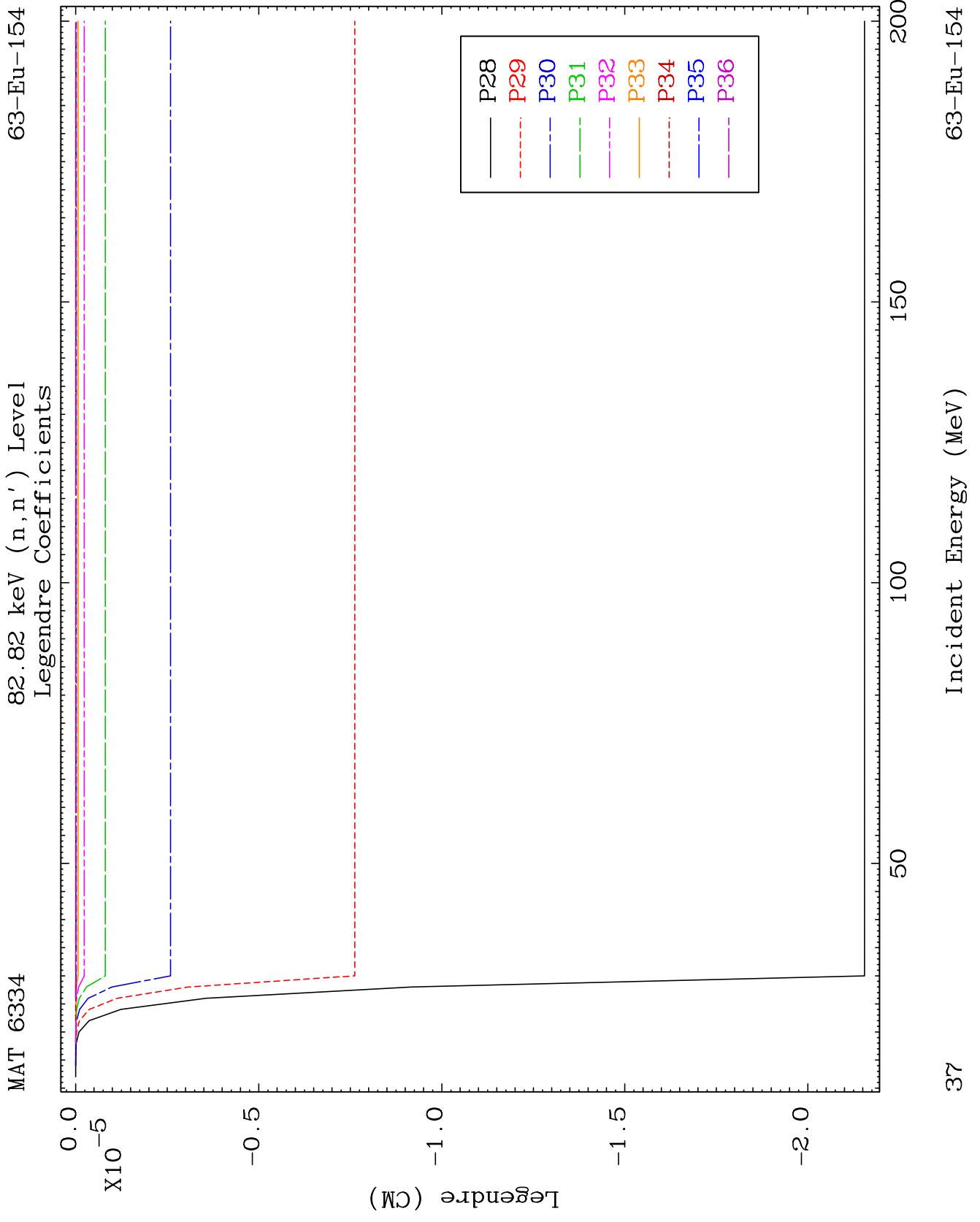


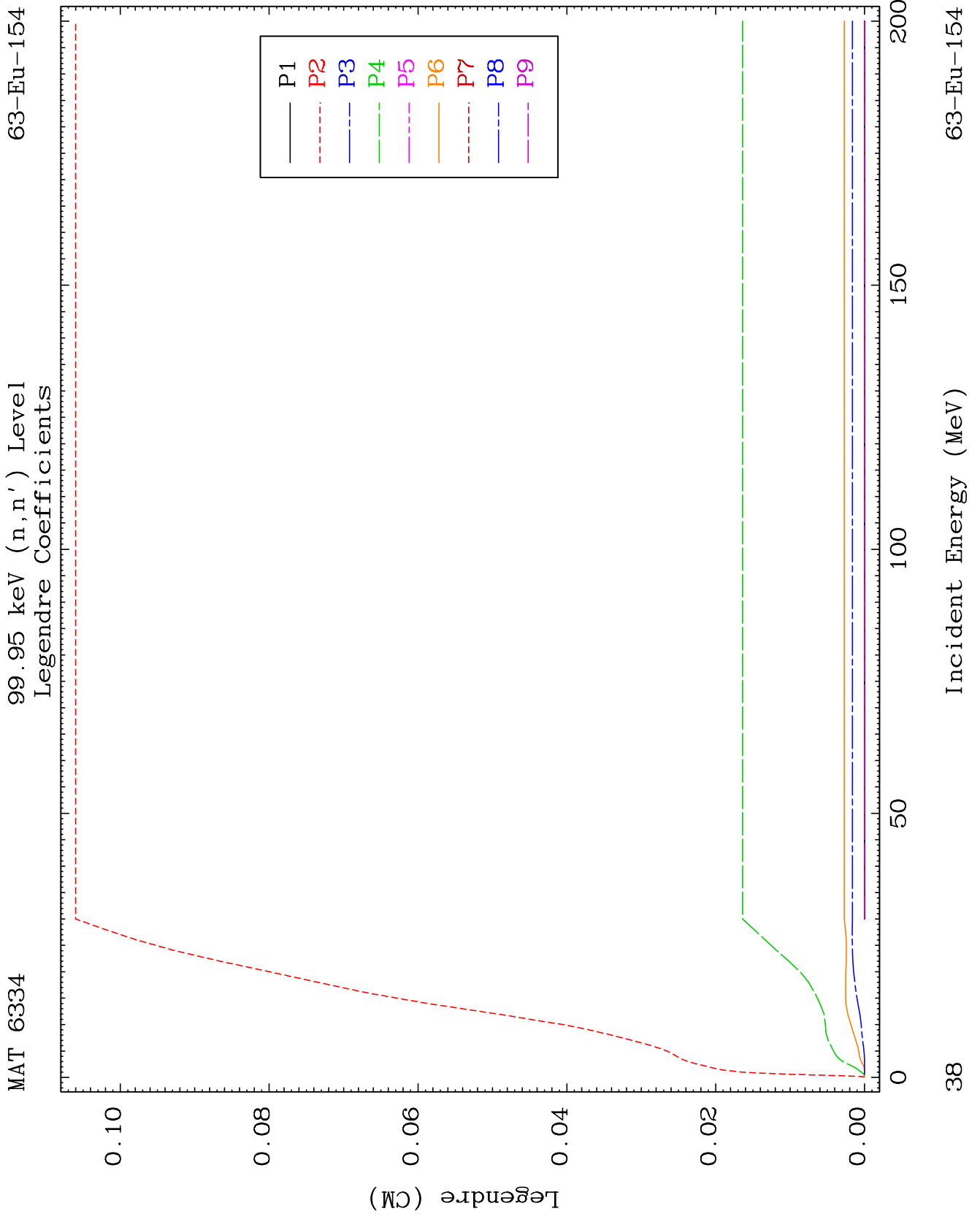
32

63-Eu-154





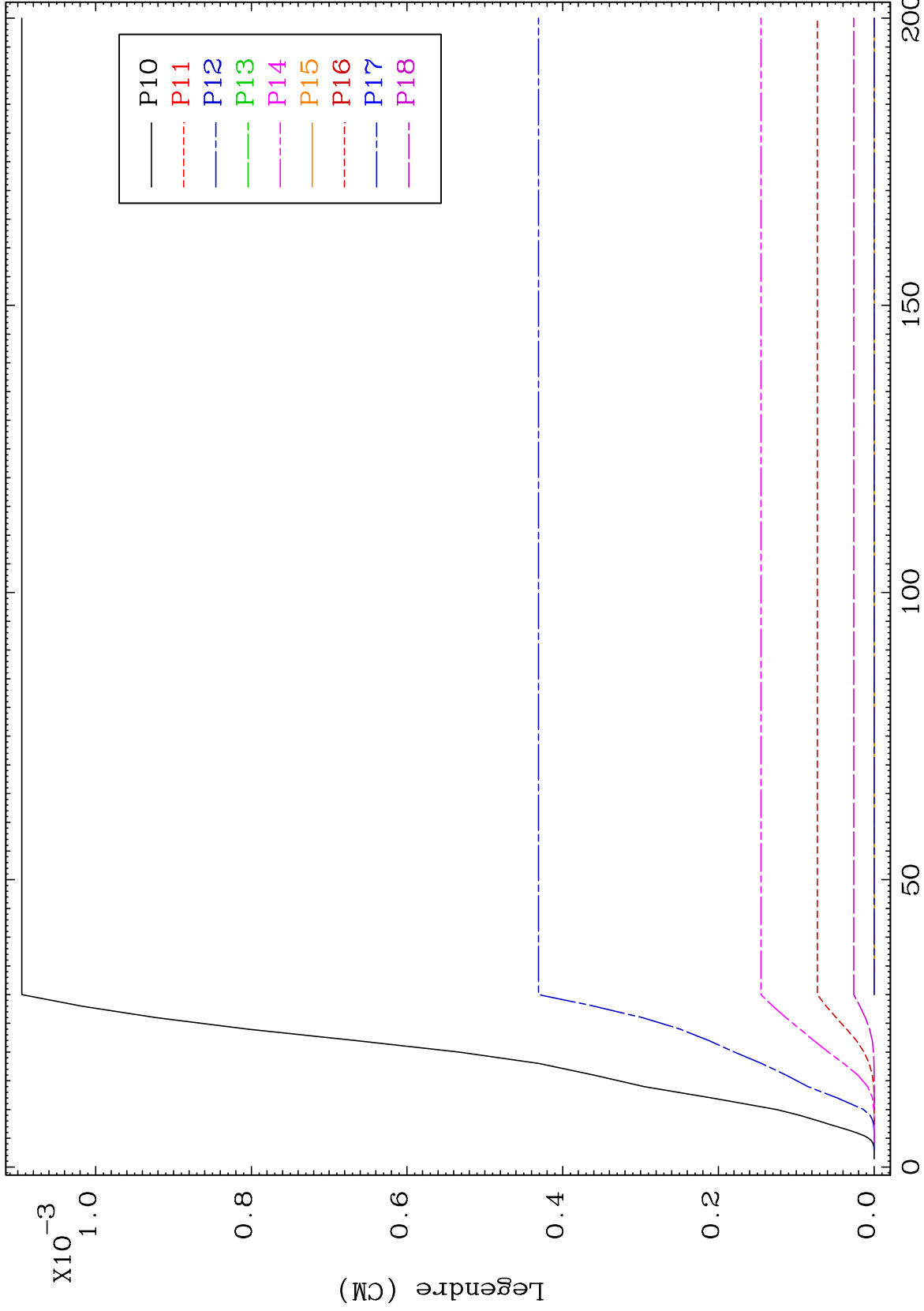




MAT 6334

99.95 keV (n,n') Level
Legendre Coefficients

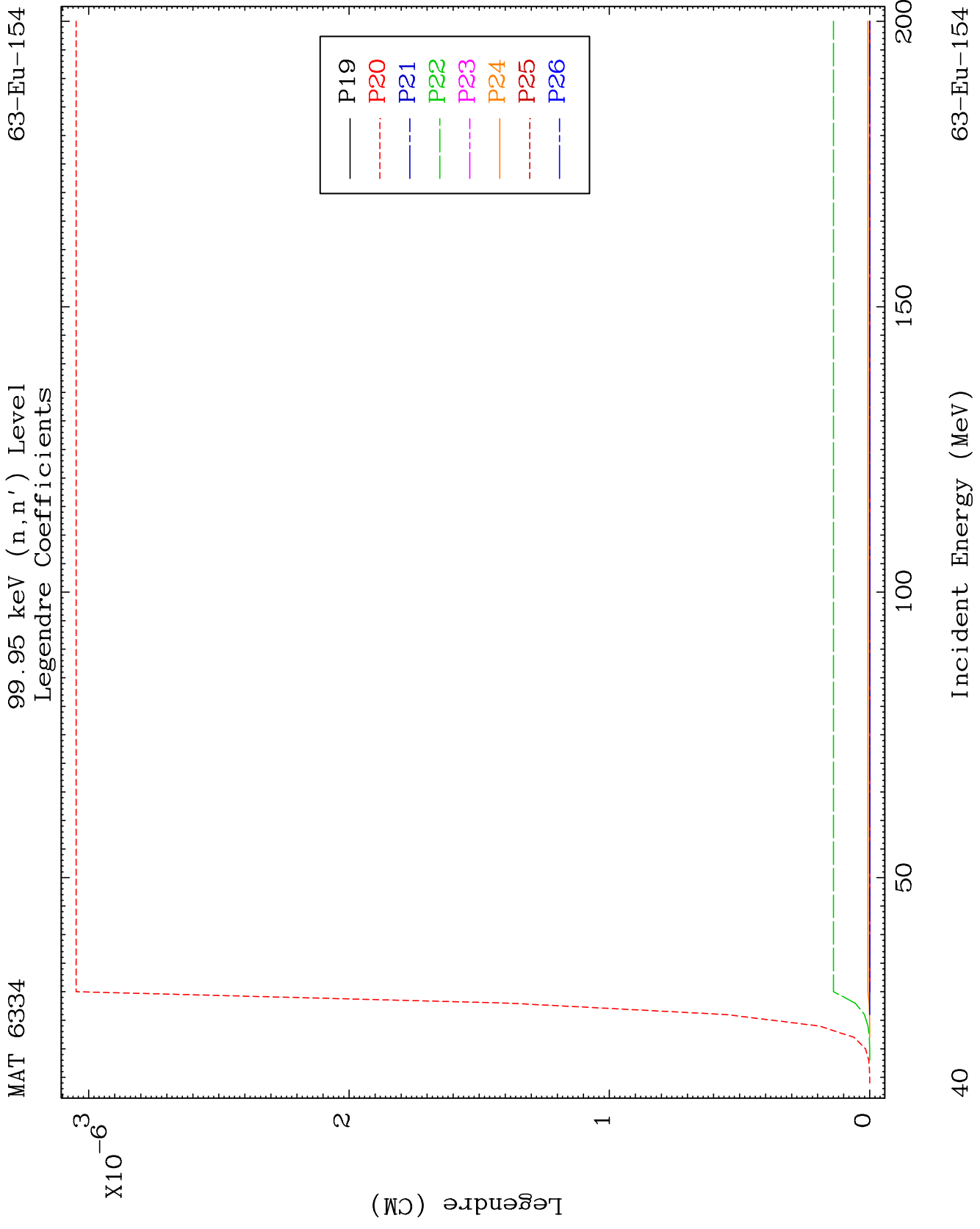
63-Eu-154



39

Incident Energy (MeV)

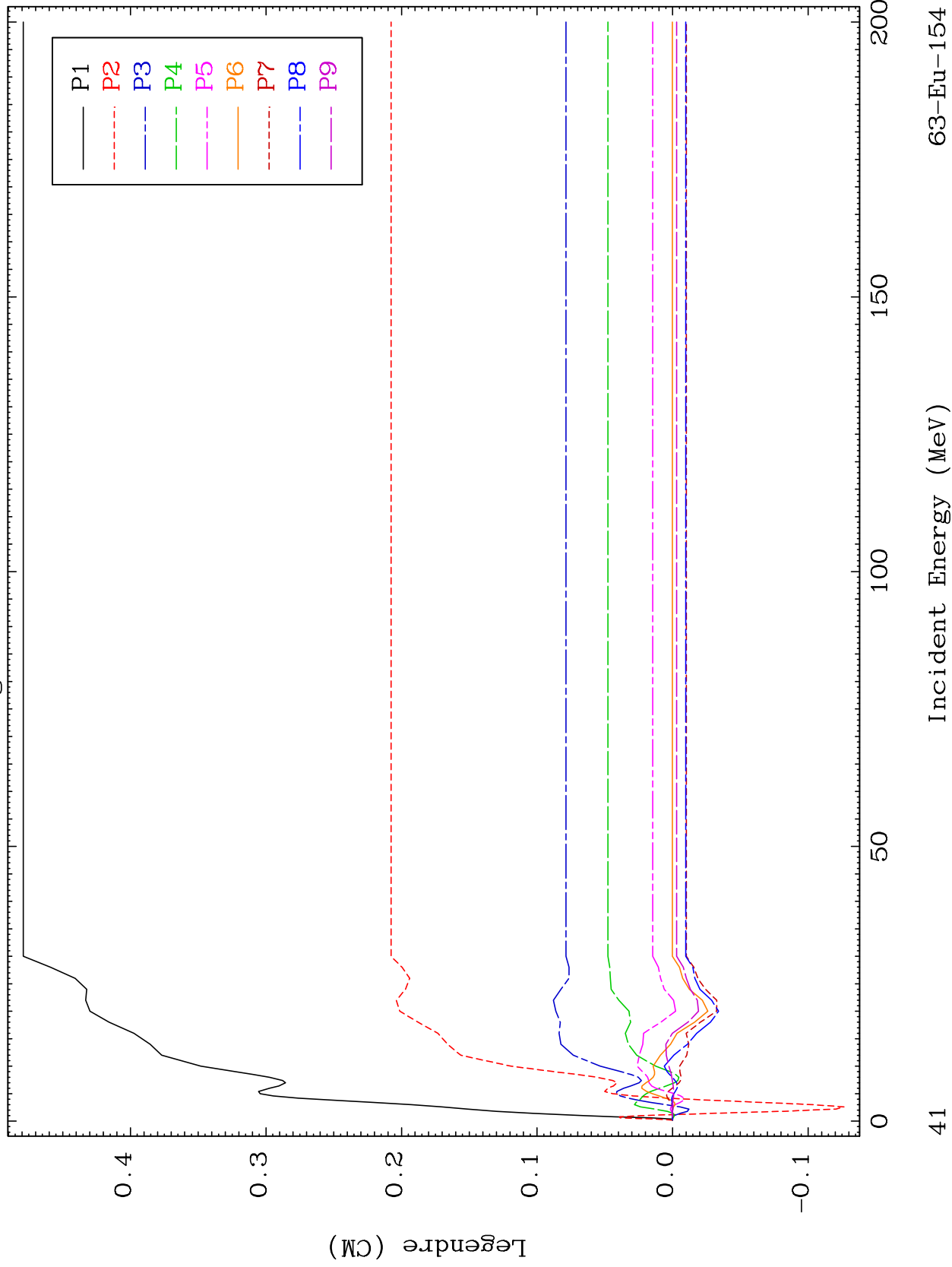
63-Eu-154



MAT 6334

111.7 keV (n,n') Level
Legendre Coefficients

63-Eu-154



63-Eu-154

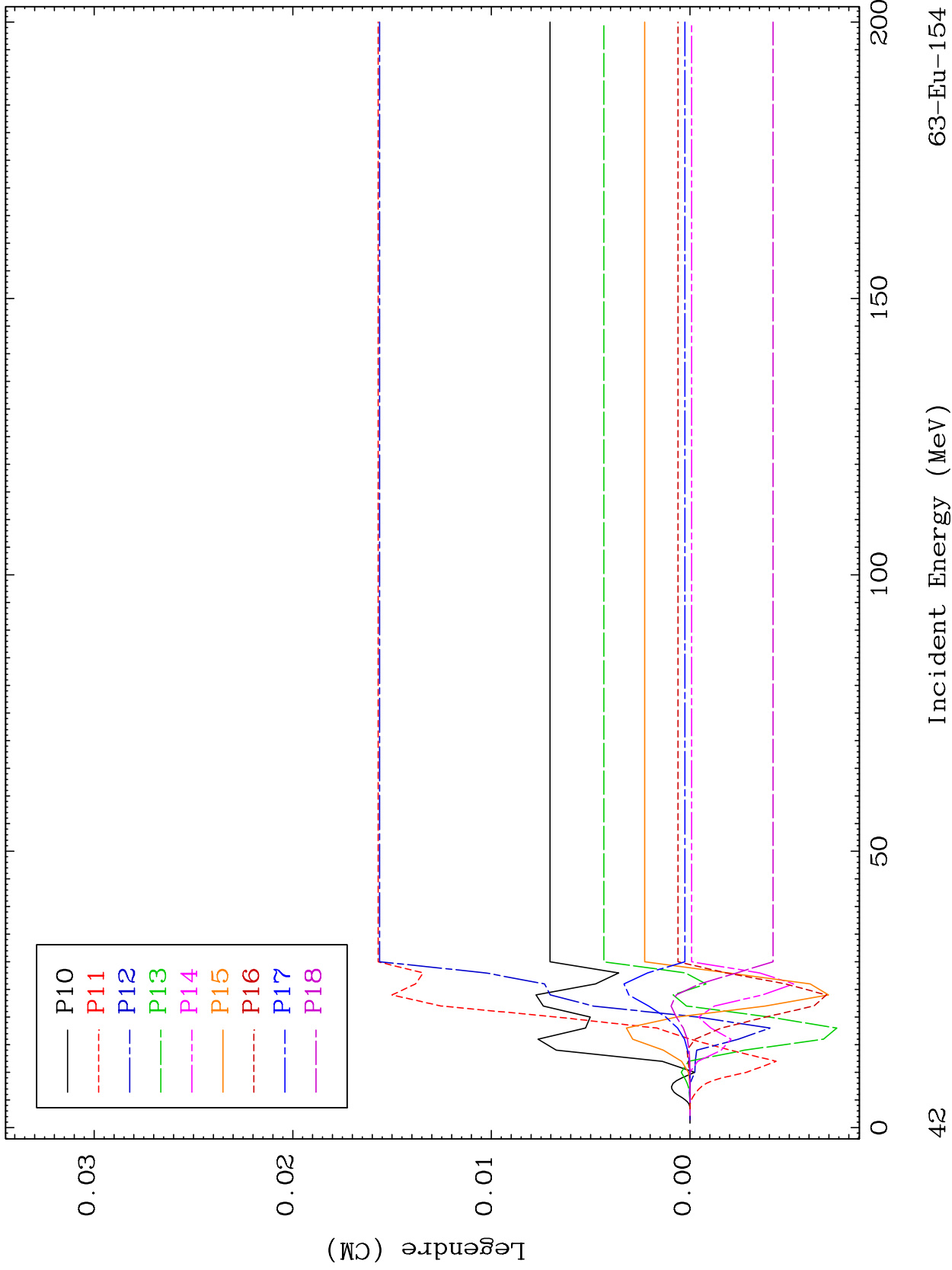
Incident Energy (MeV)

41

MAT 6334

111.7 keV (n,n') Level
Legendre Coefficients

63-Eu-154



42

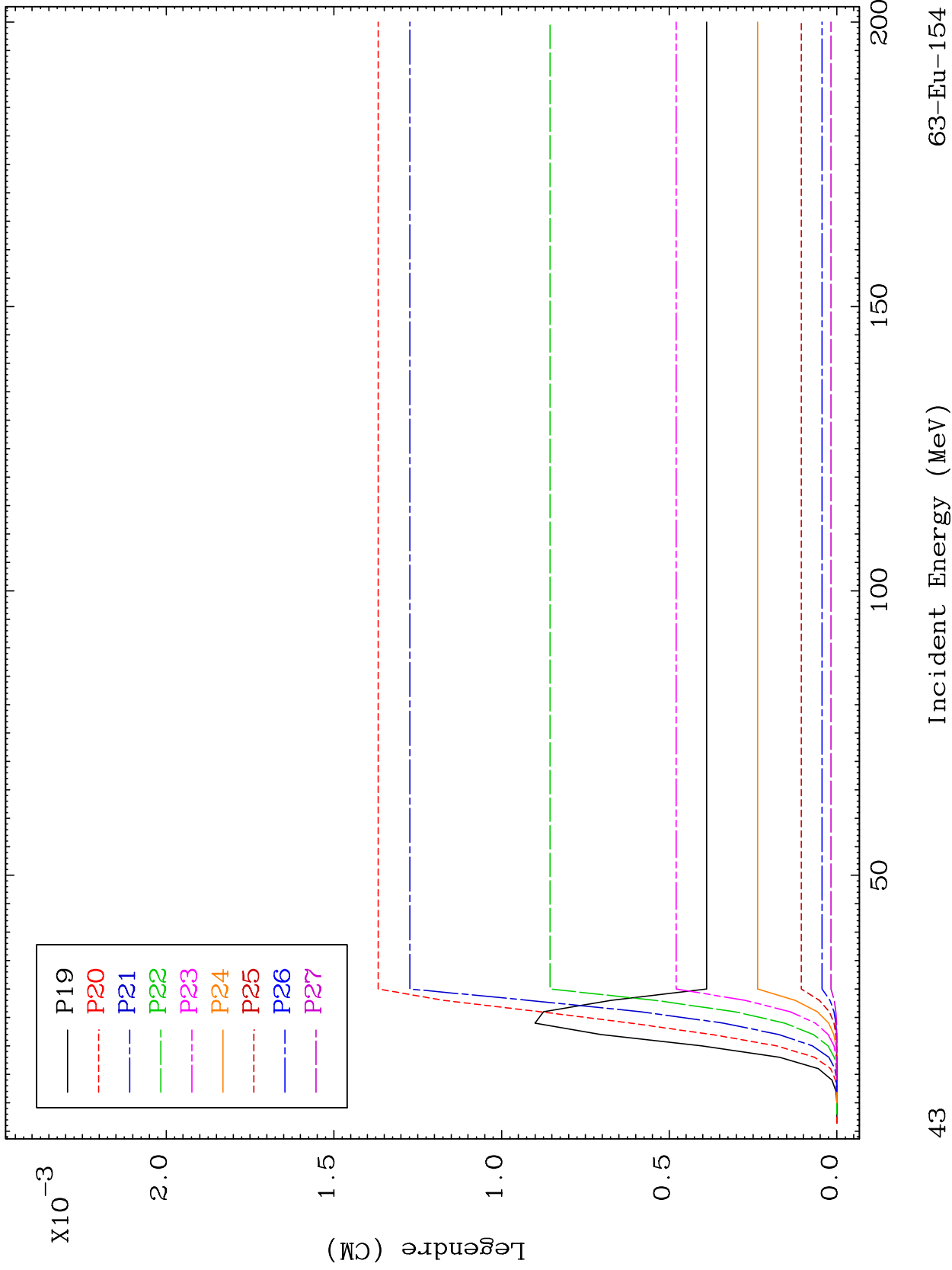
Incident Energy (MeV)

63-Eu-154

MAT 6334

111.7 keV (n,n') Level
Legendre Coefficients

63-Eu-154



43

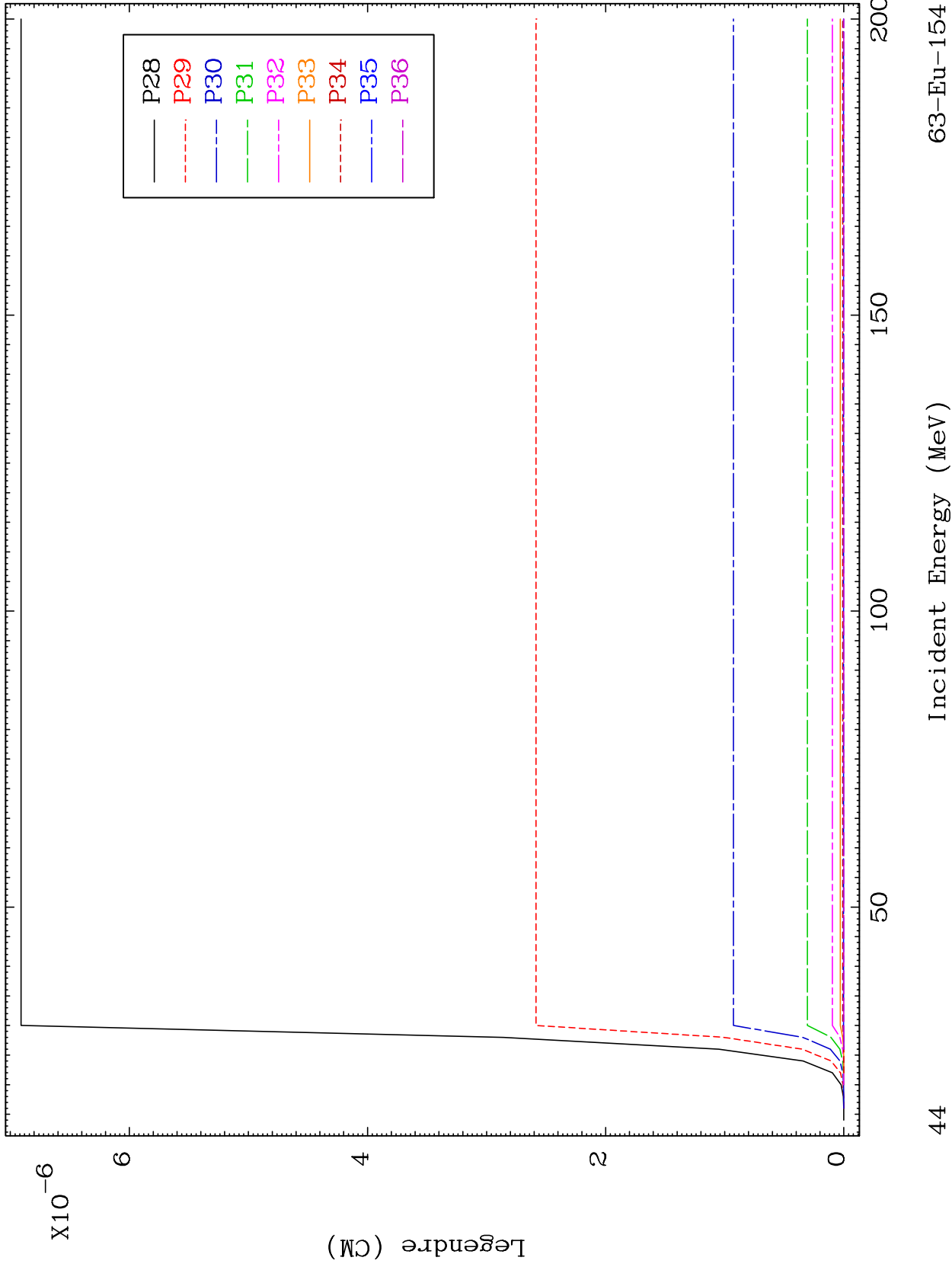
Incident Energy (MeV)

63-Eu-154

MAT 6334

111.7 keV (n,n') Level
Legendre Coefficients

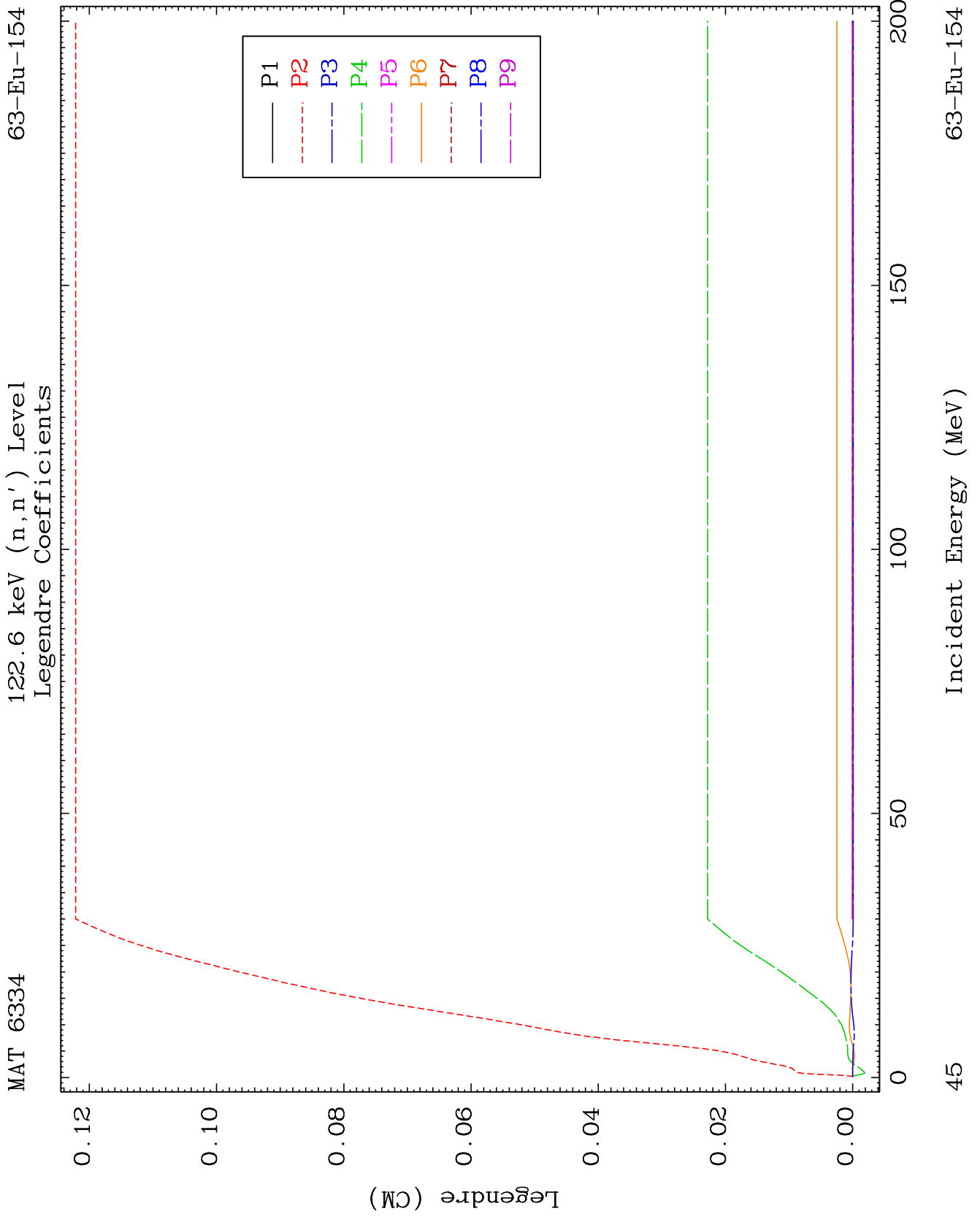
63-Eu-154



44

Incident Energy (MeV)

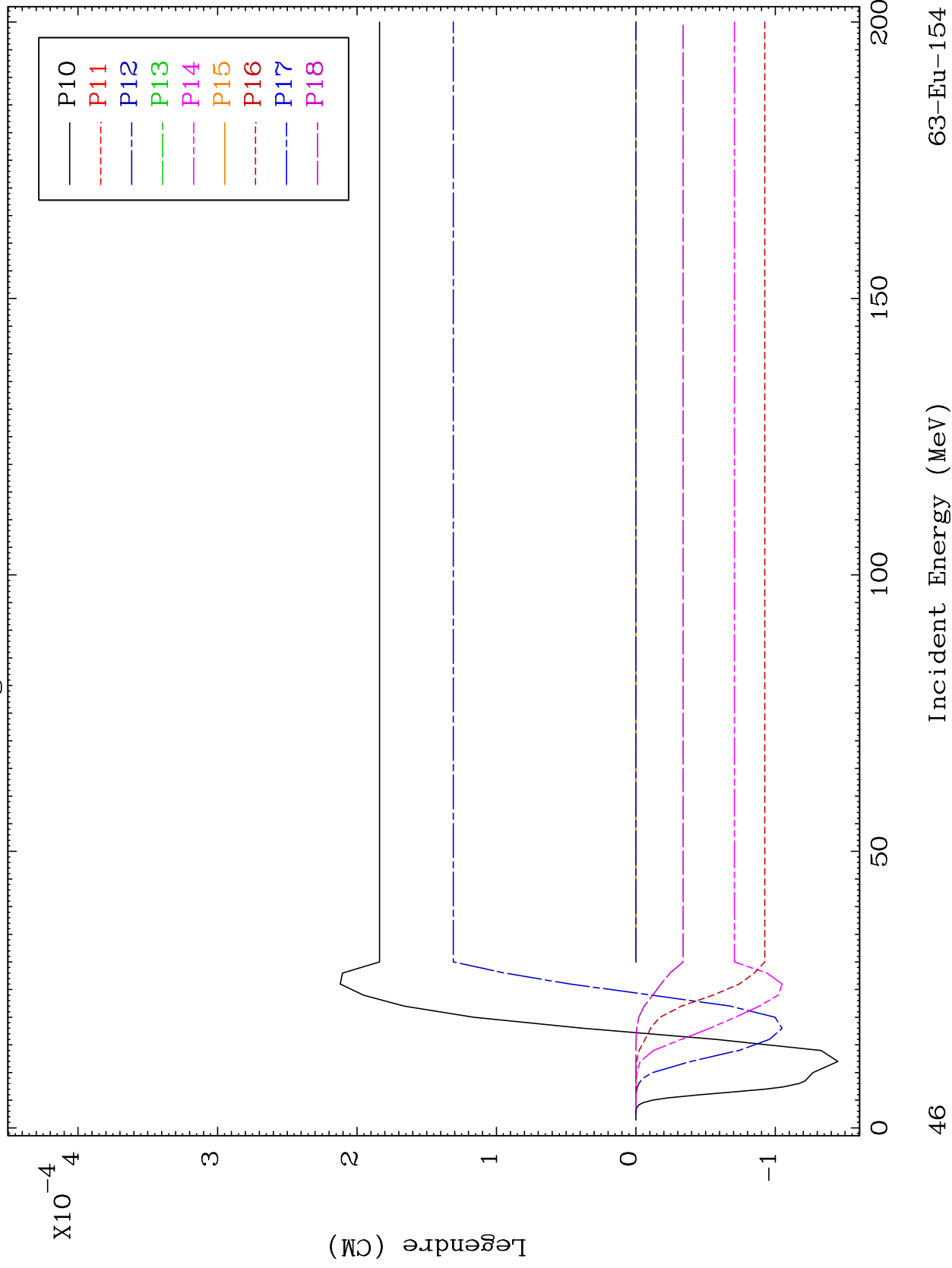
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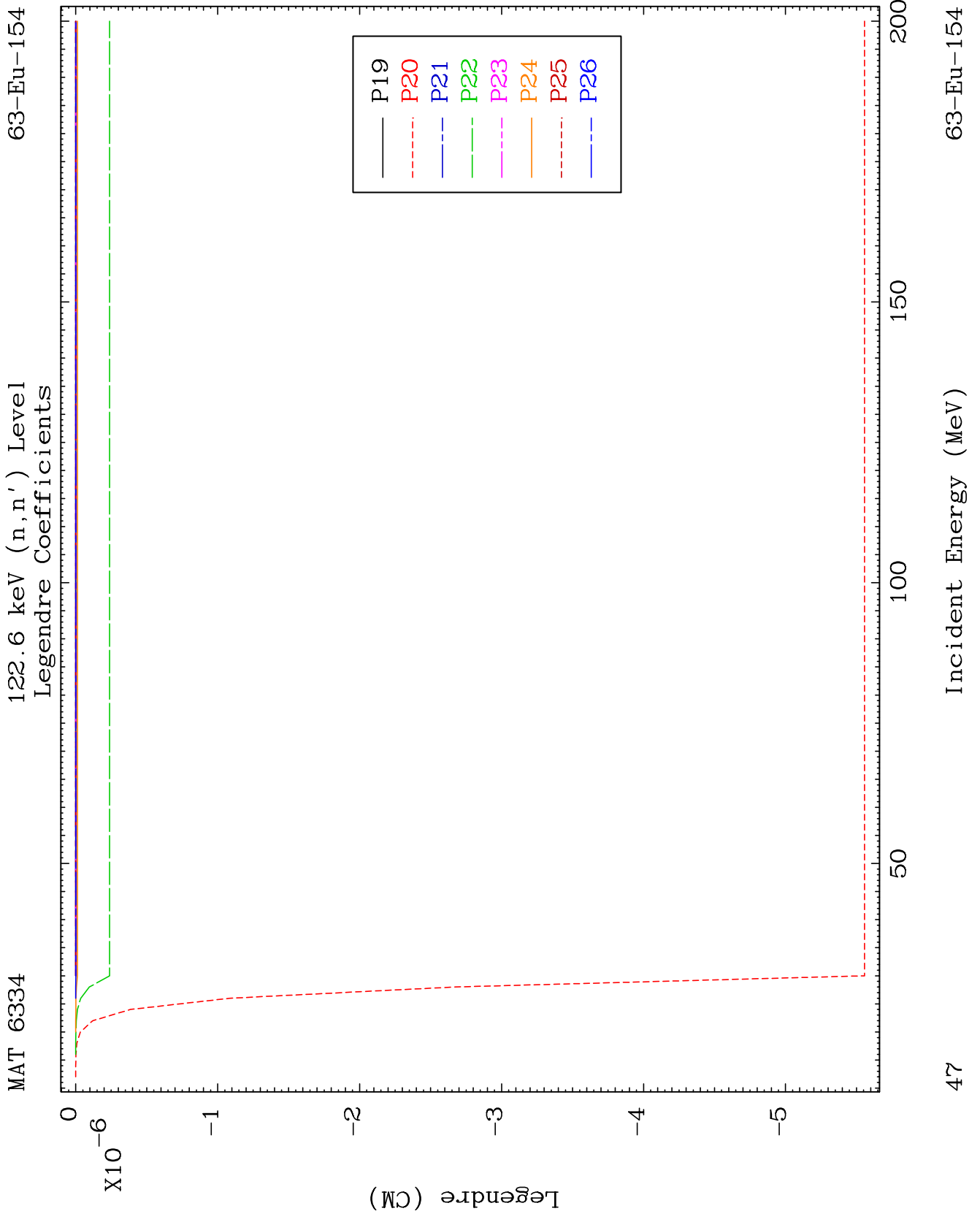


MAT 6334

122.6 keV (n,n') Level
Legendre Coefficients

63-Eu-154

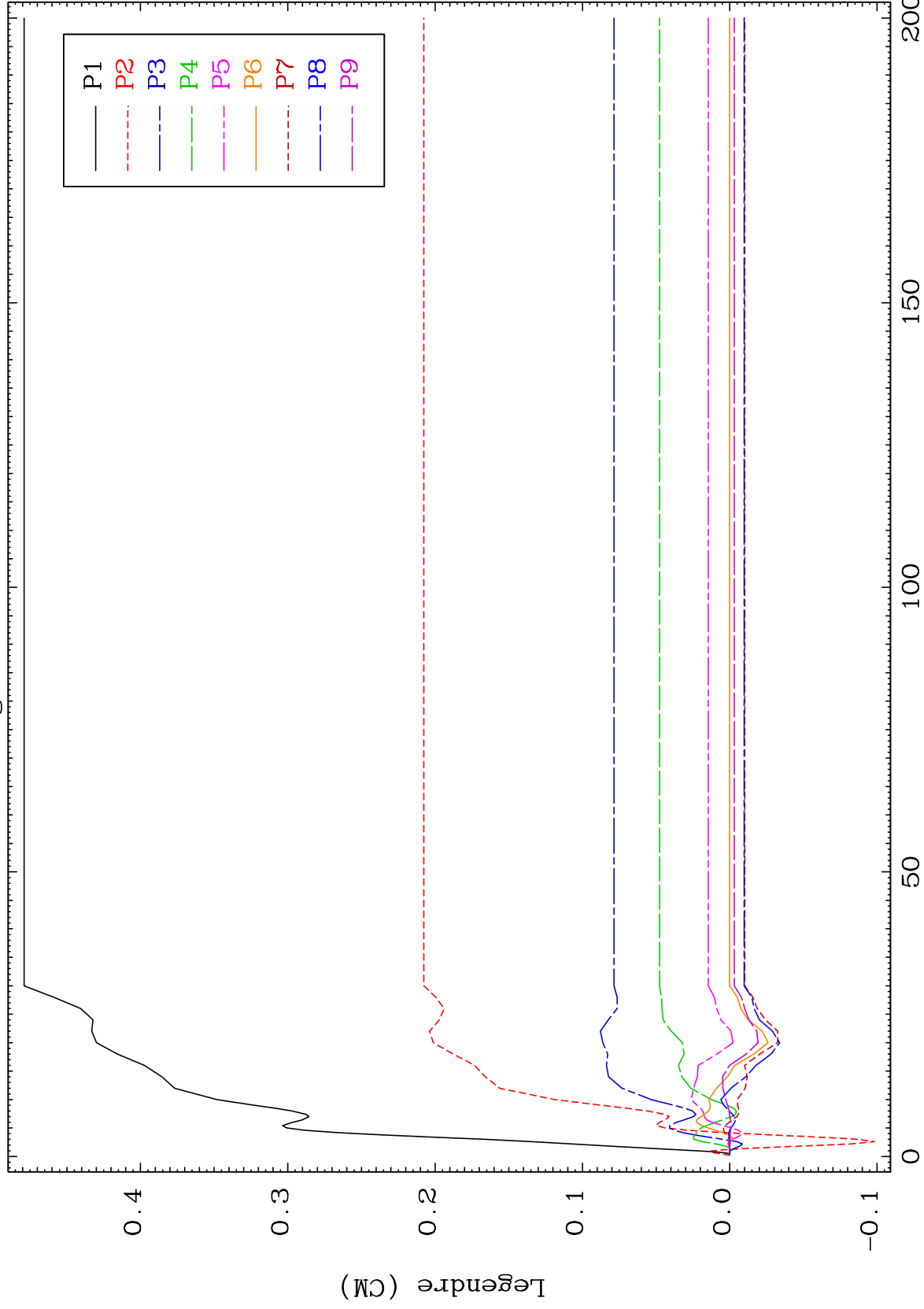




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127.4 keV (n,n') Level
Legendre Coefficients

63-Eu-154



48

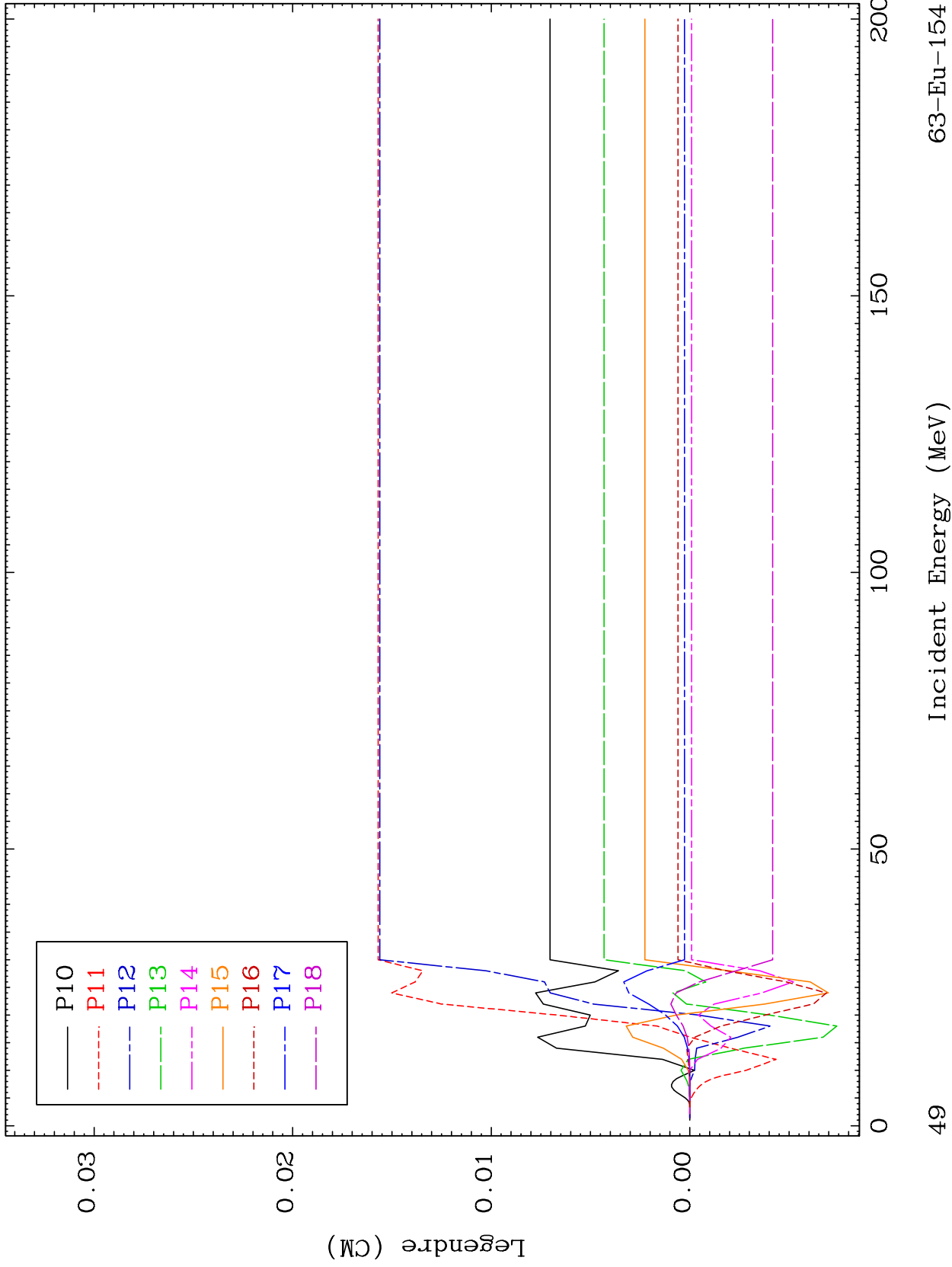
Incident Energy (MeV)

63-Eu-154

MAT 6334

127.4 keV (n,n') Level
Legendre Coefficients

63-Eu-154



63-Eu-154

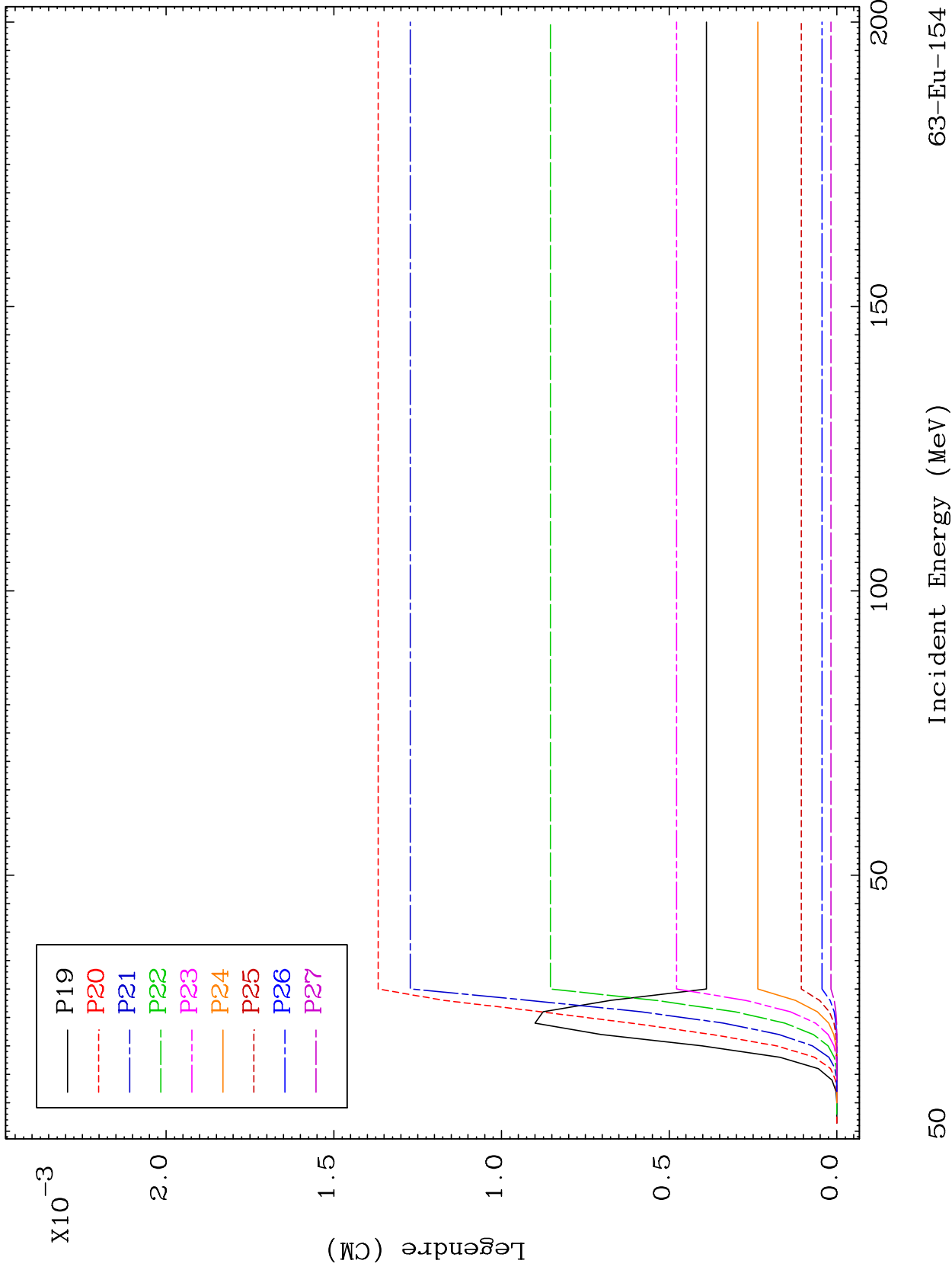
Incident Energy (MeV)

49

MAT 6334

127.4 keV (n,n') Level
Legendre Coefficients

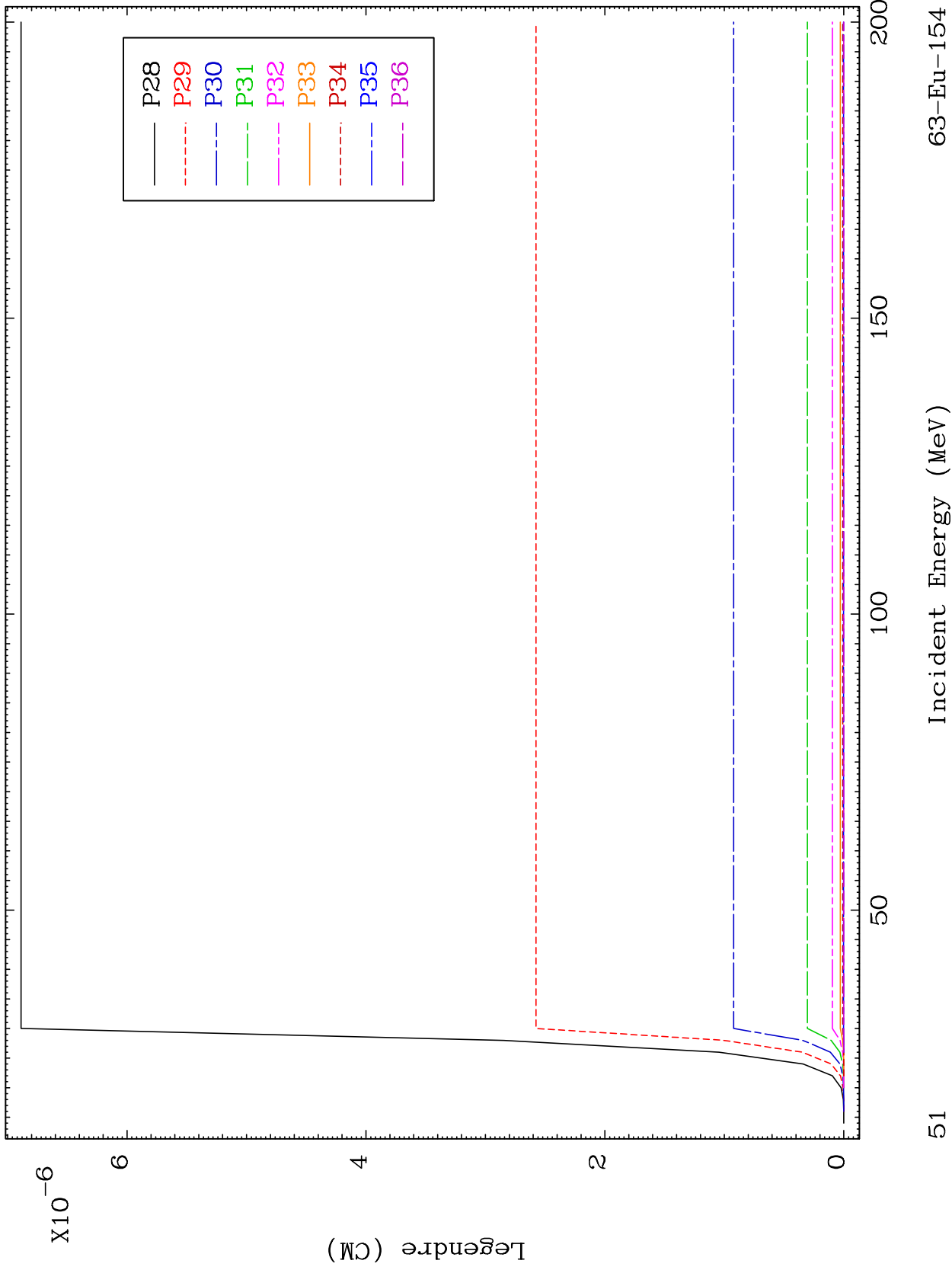
63-Eu-154



MAT 6334

127.4 keV (n,n') Level
Legendre Coefficients

63-Eu-154



51

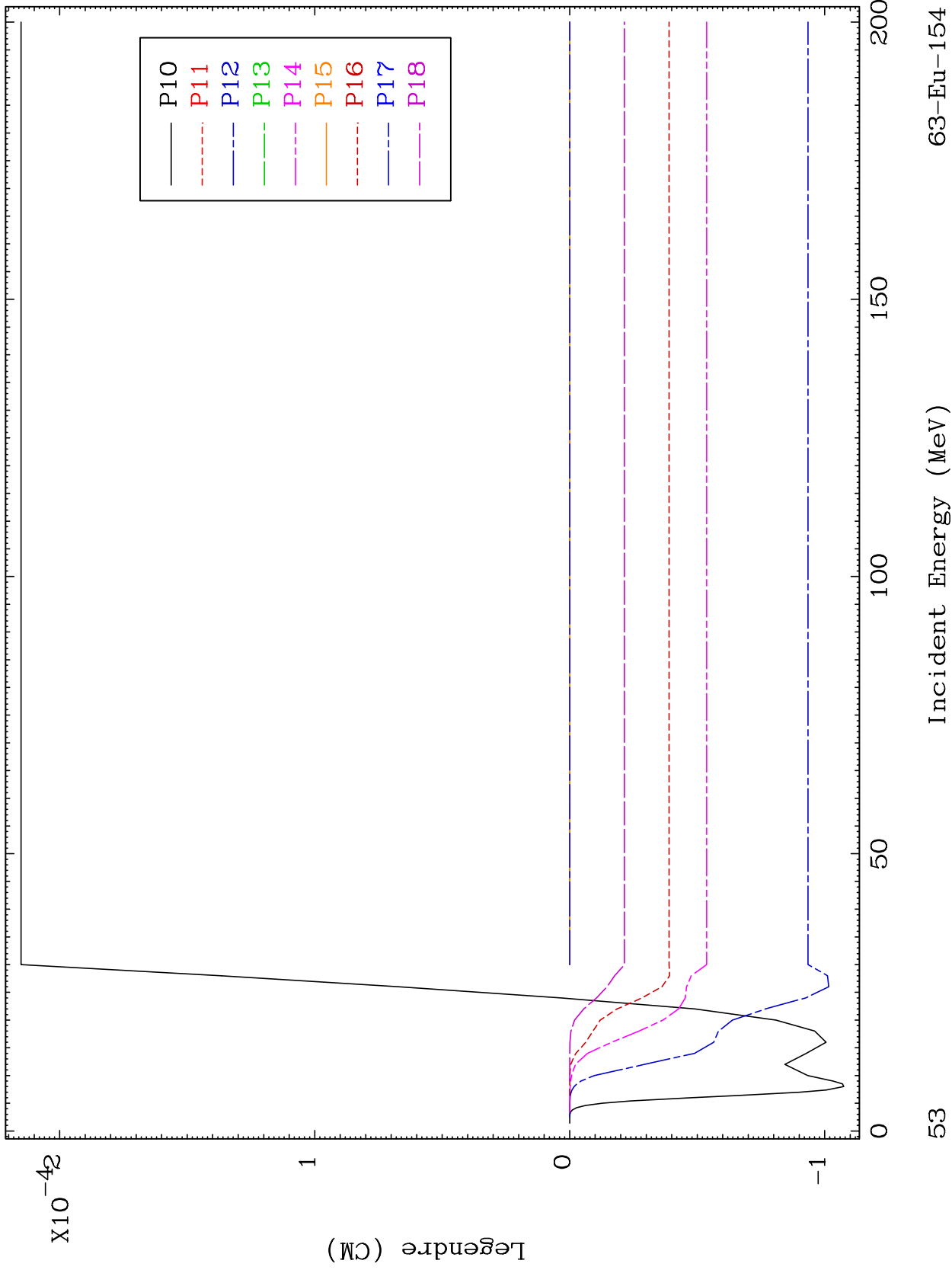
Incident Energy (MeV)

63-Eu-154

MAT 6334

129.7 keV (n,n') Level
Legendre Coefficients

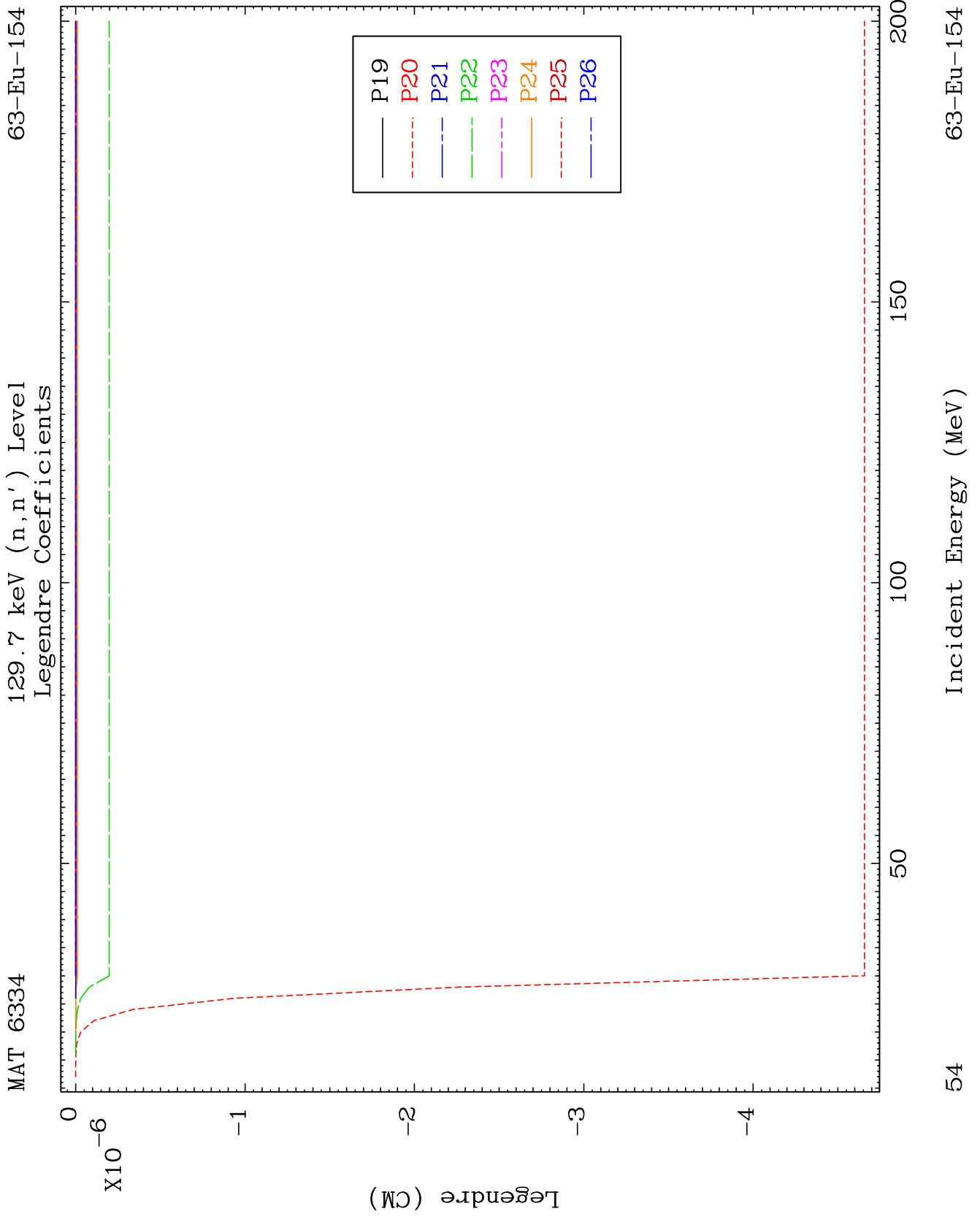
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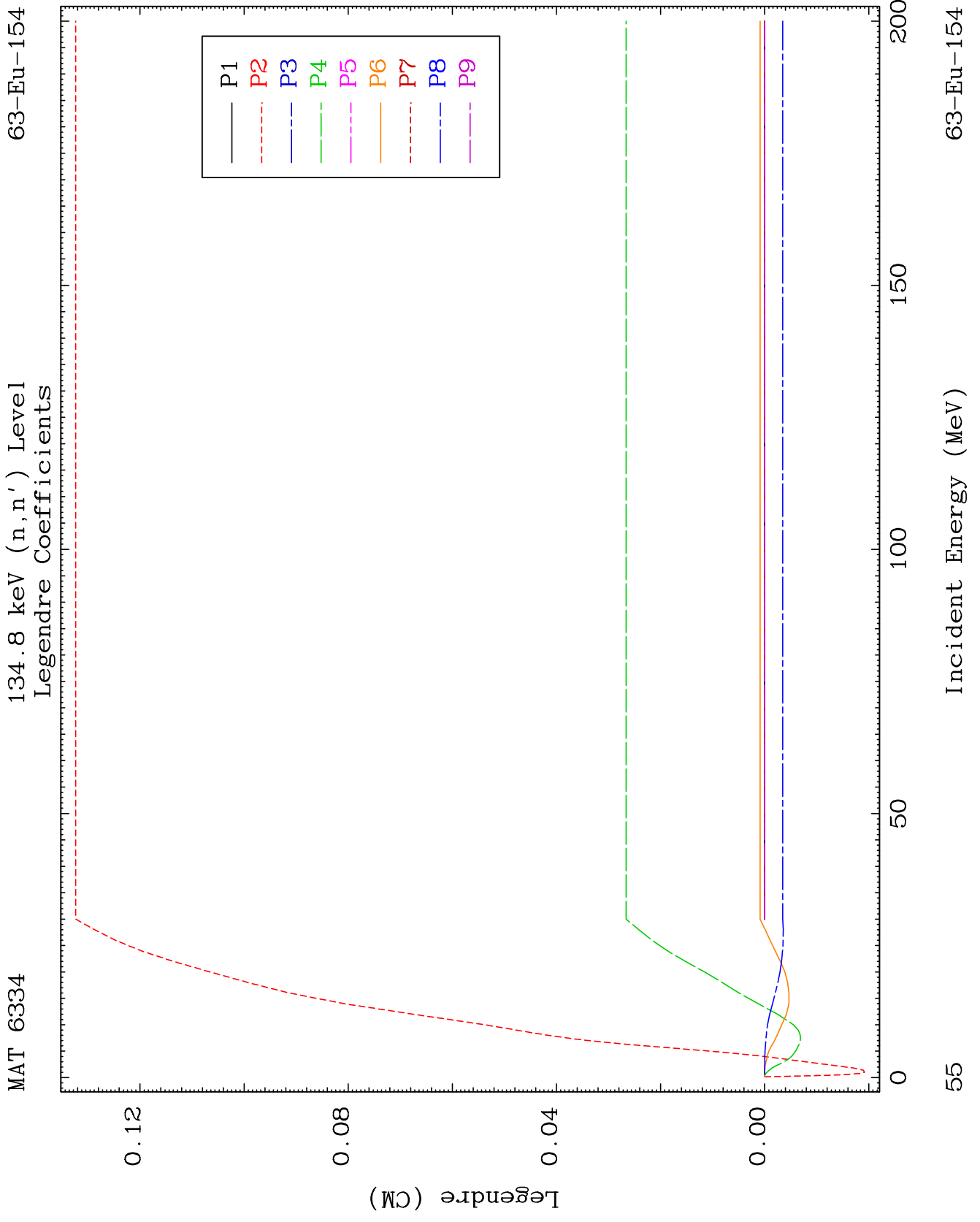


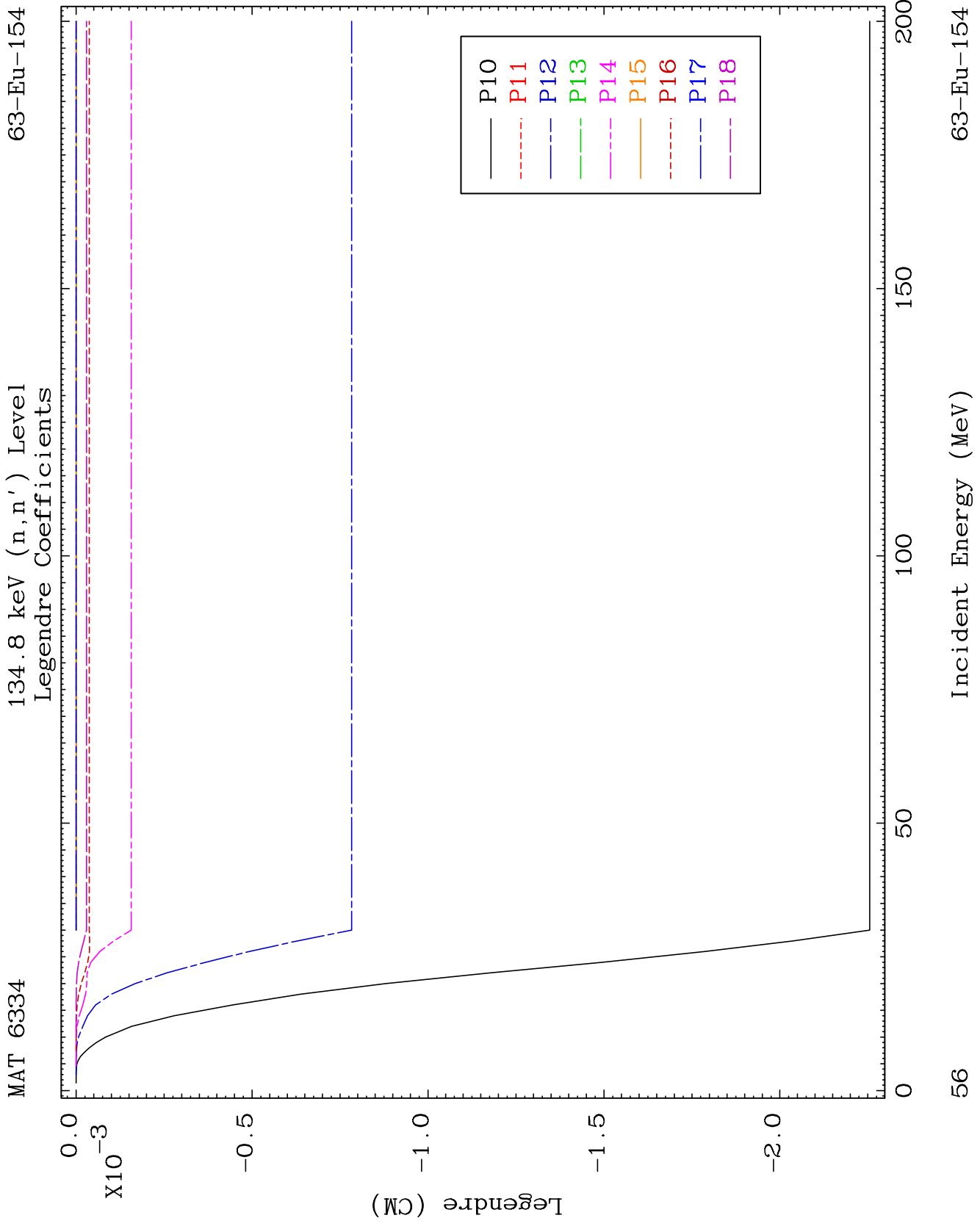
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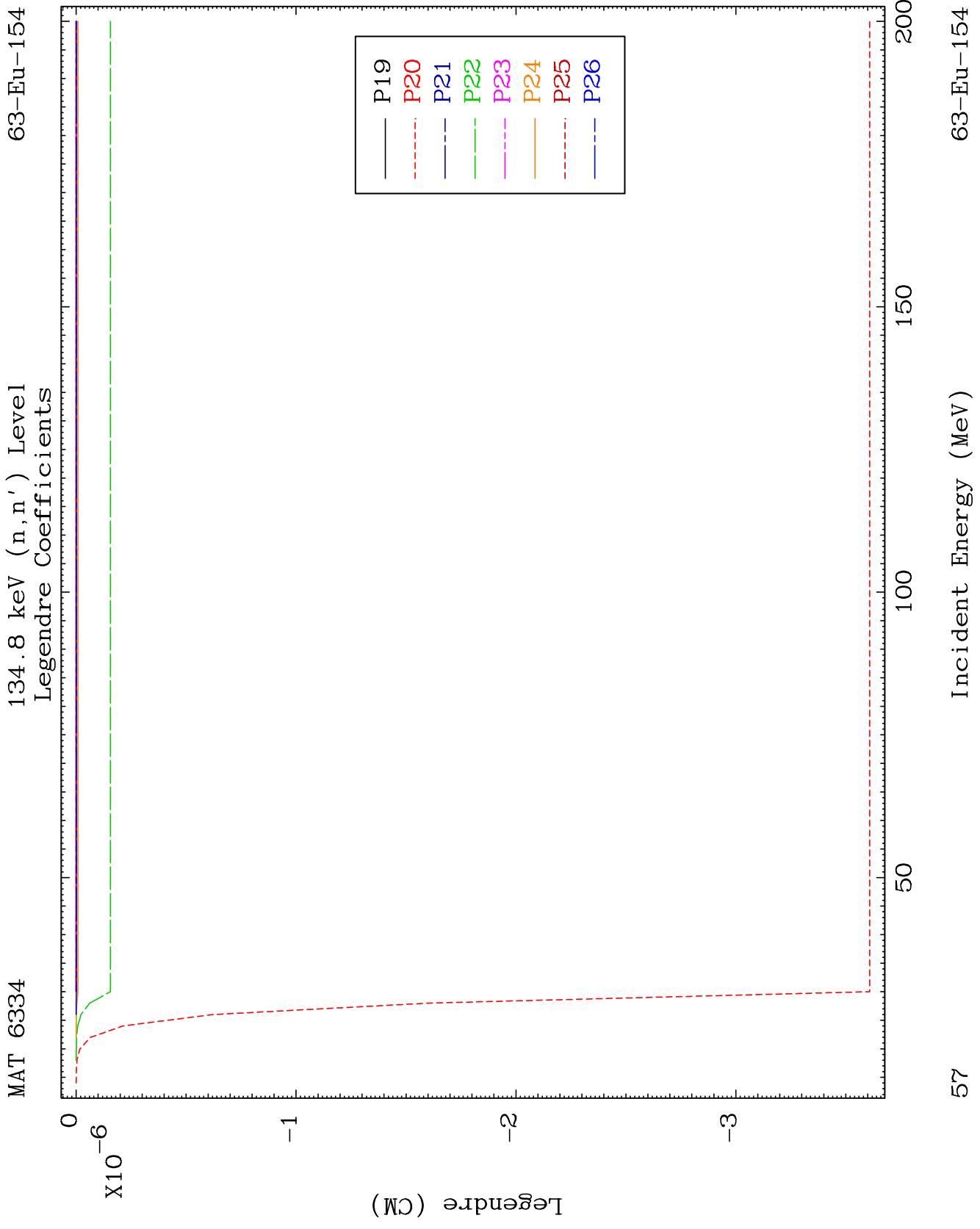
Incident Energy (MeV)

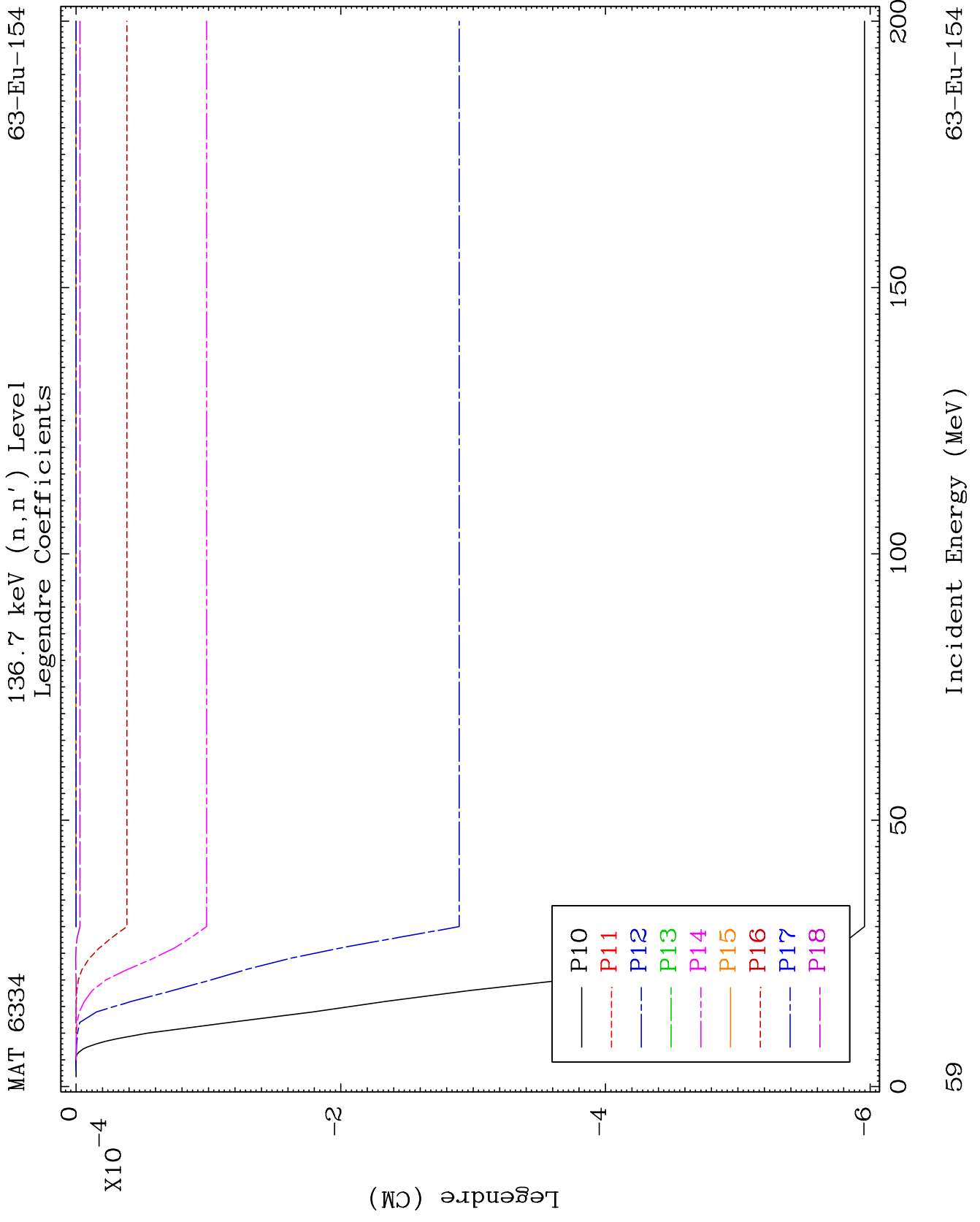
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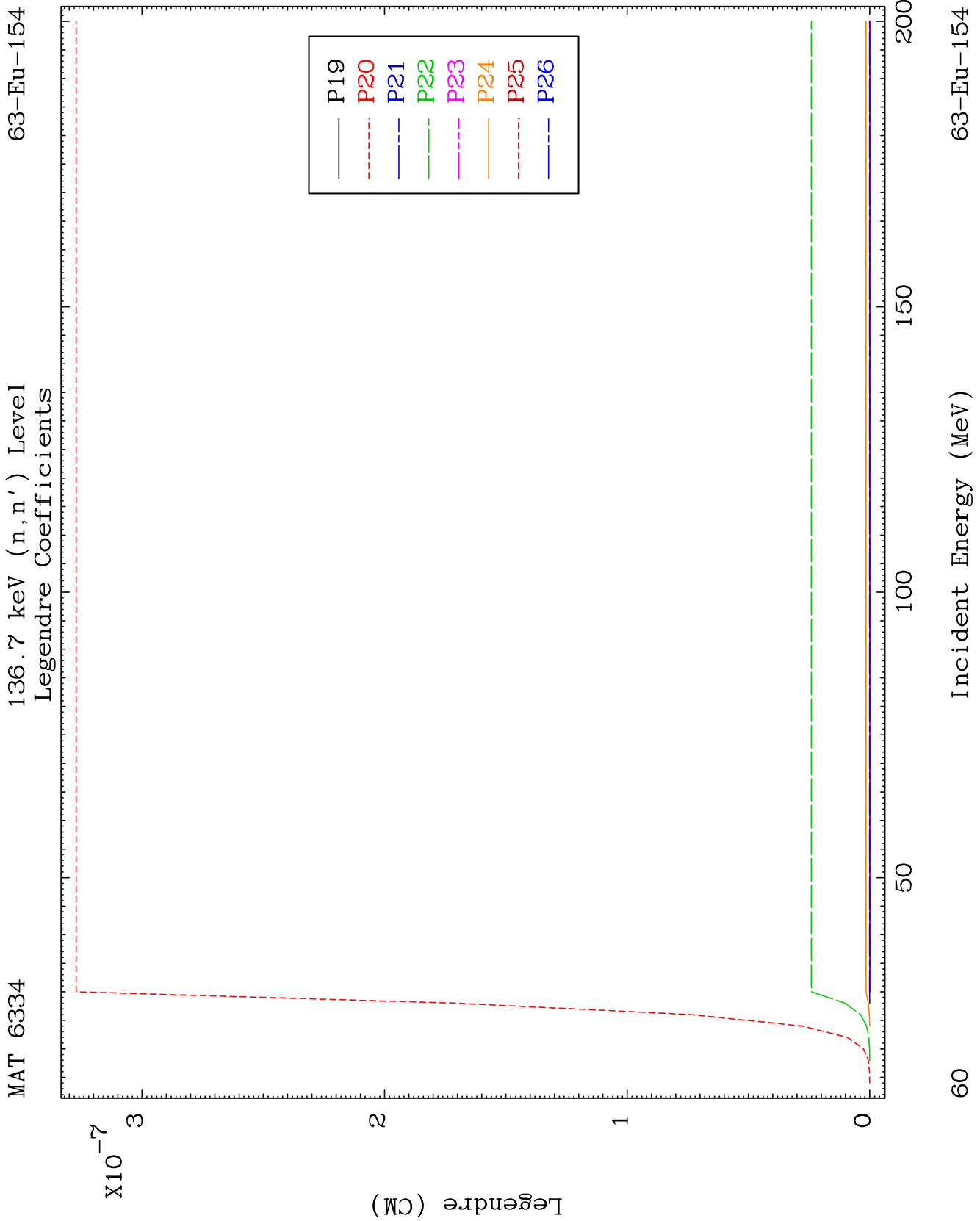








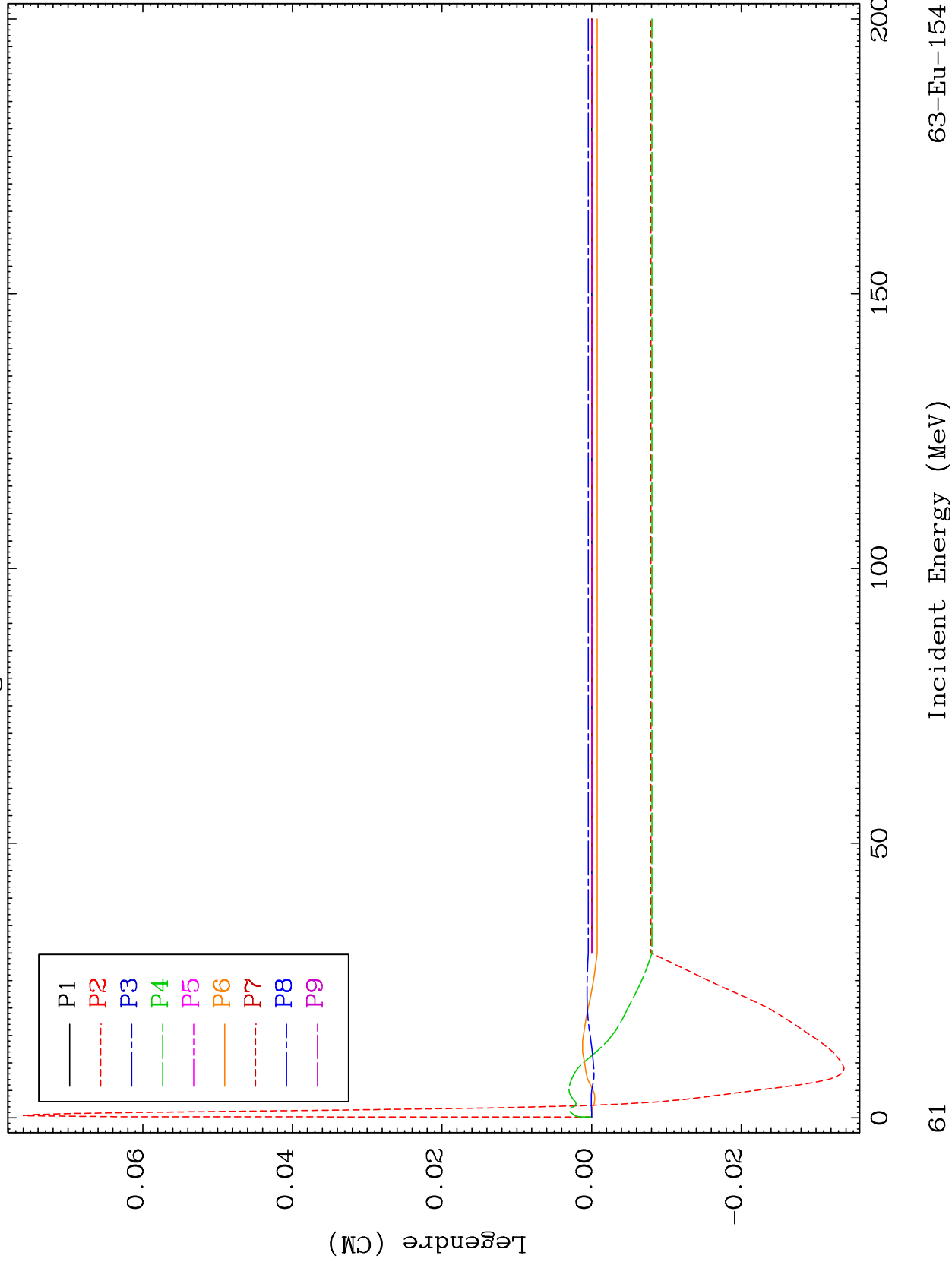




MAT 6334

145.3 keV (n,n') Level
Legendre Coefficients

63-Eu-154

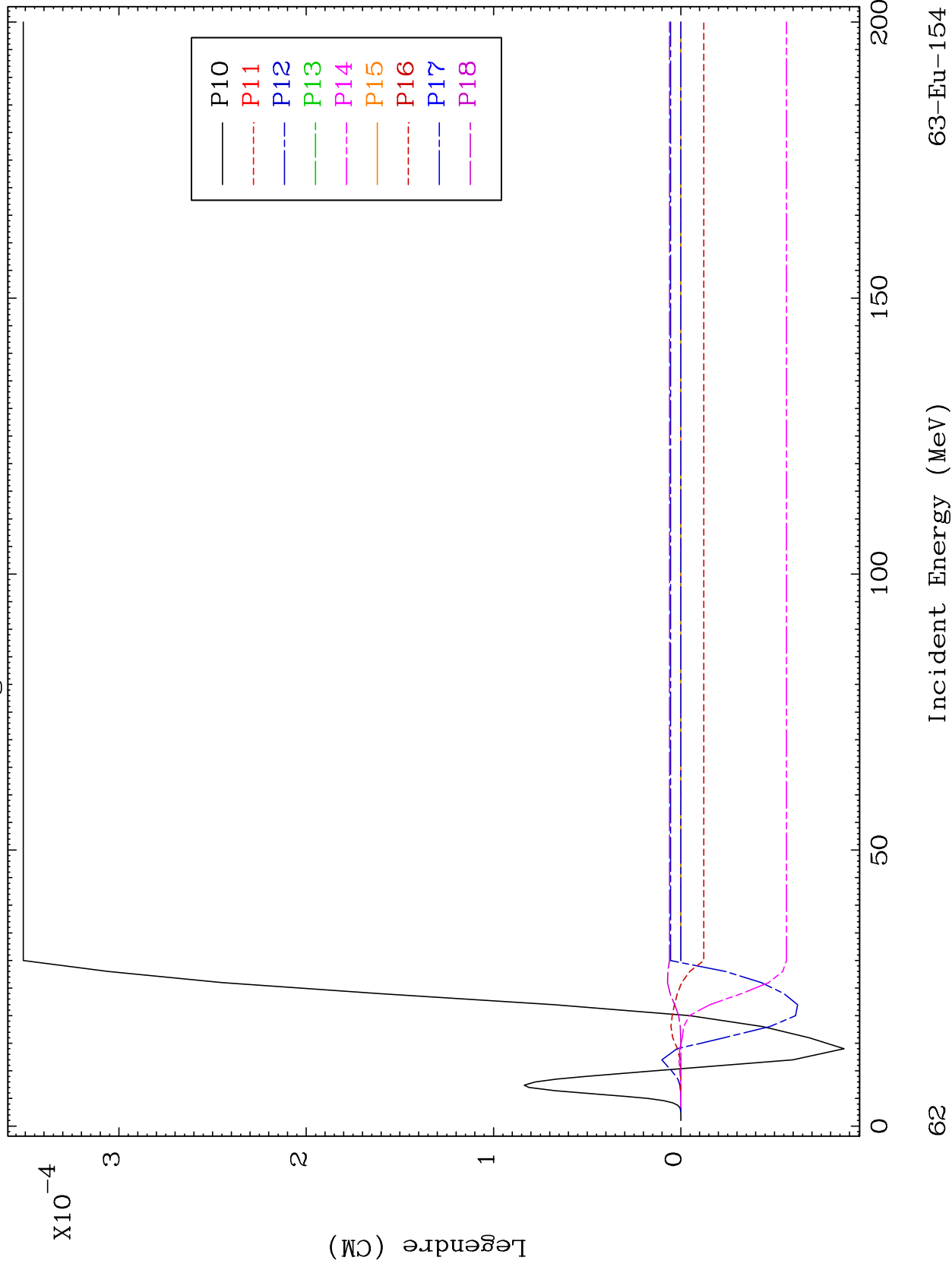


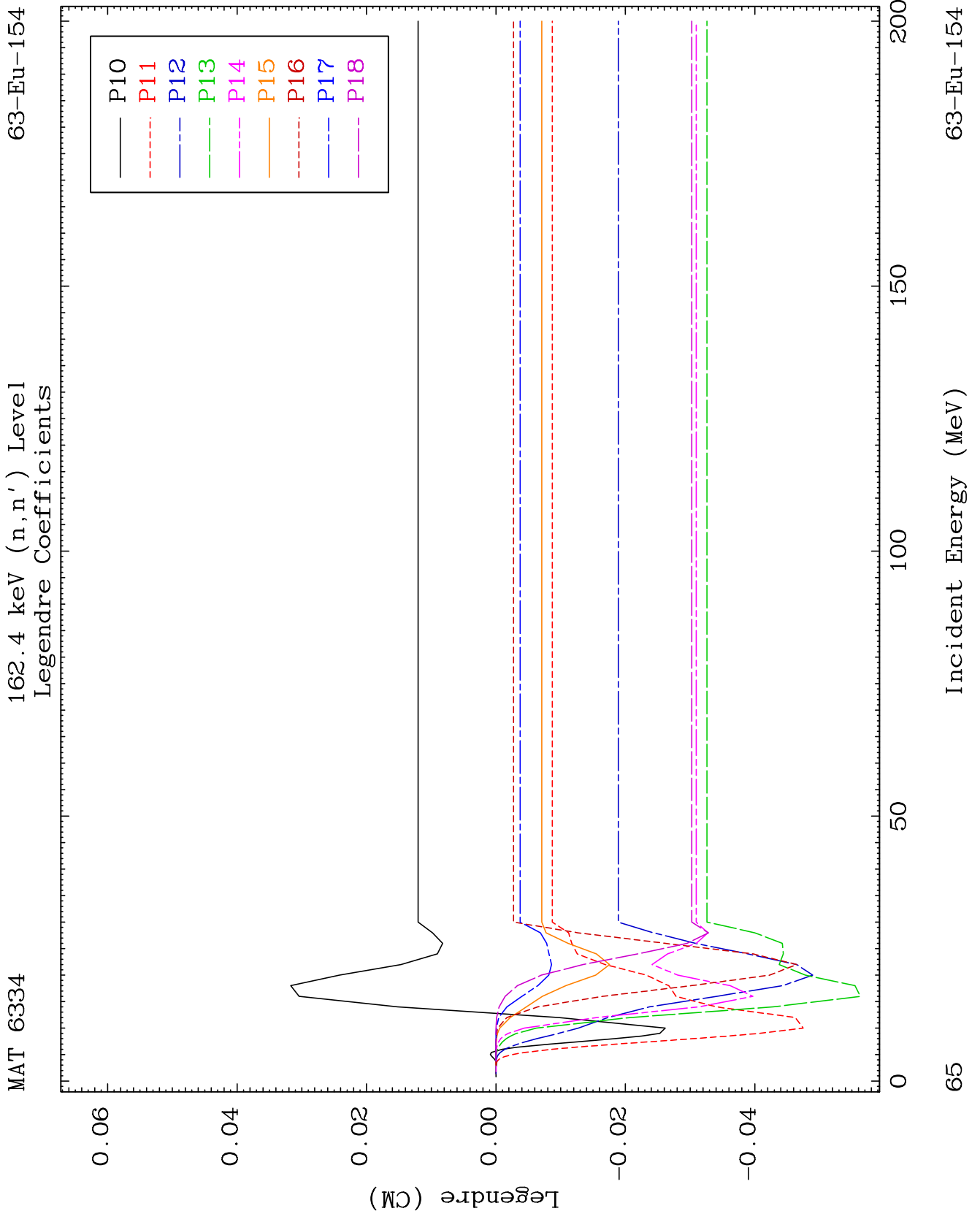
61

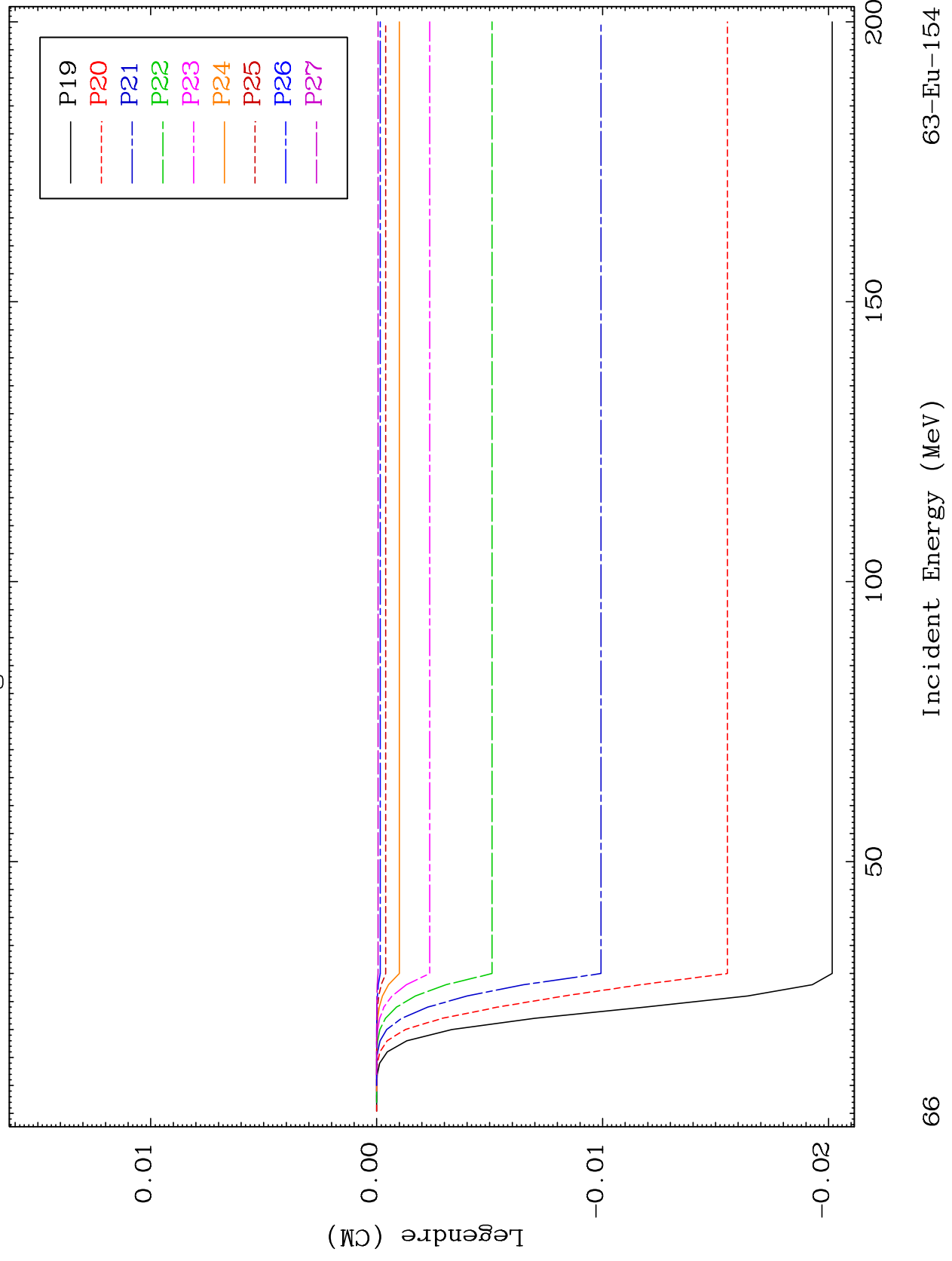
MAT 6334

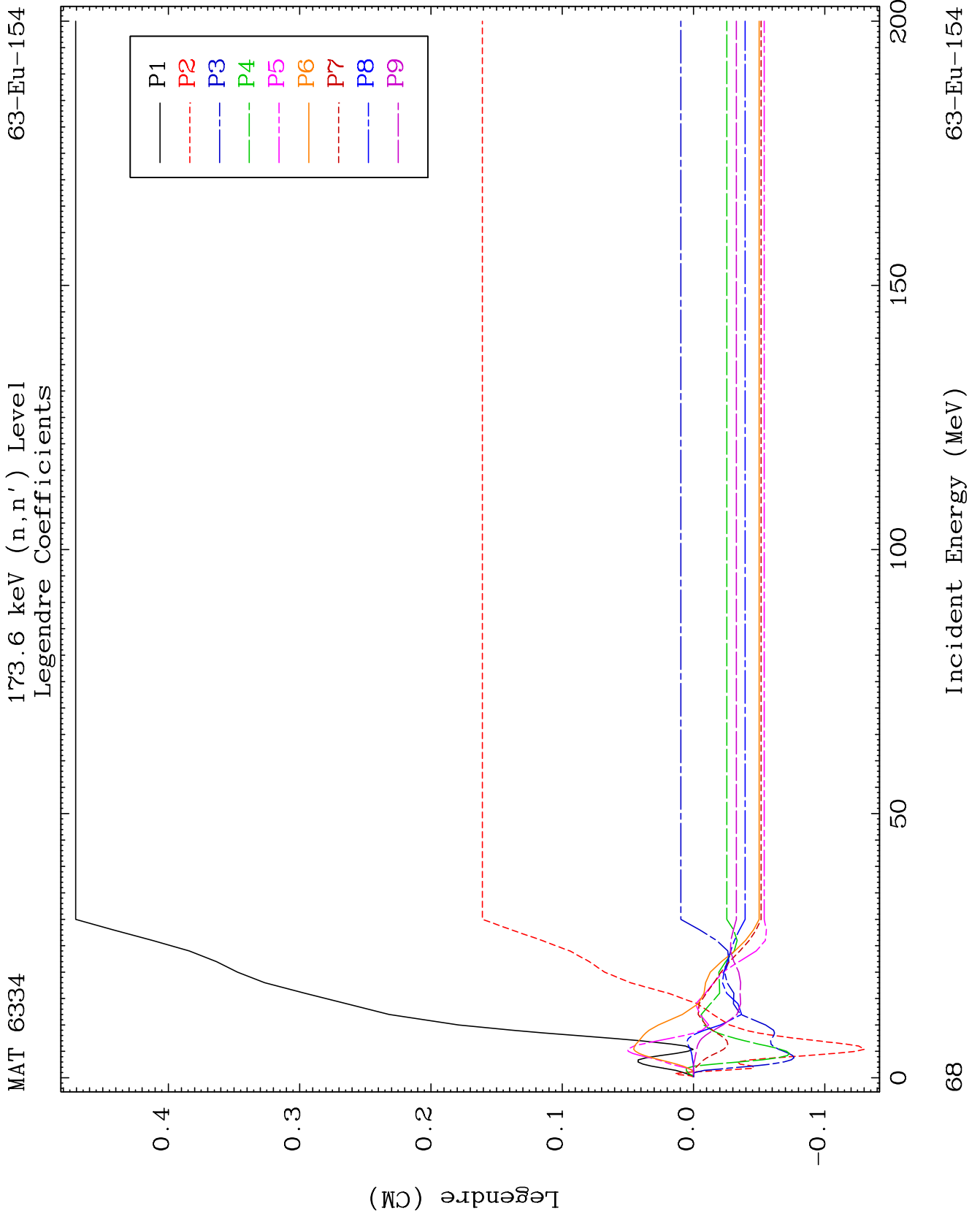
145.3 keV (n,n') Level
Legendre Coefficients

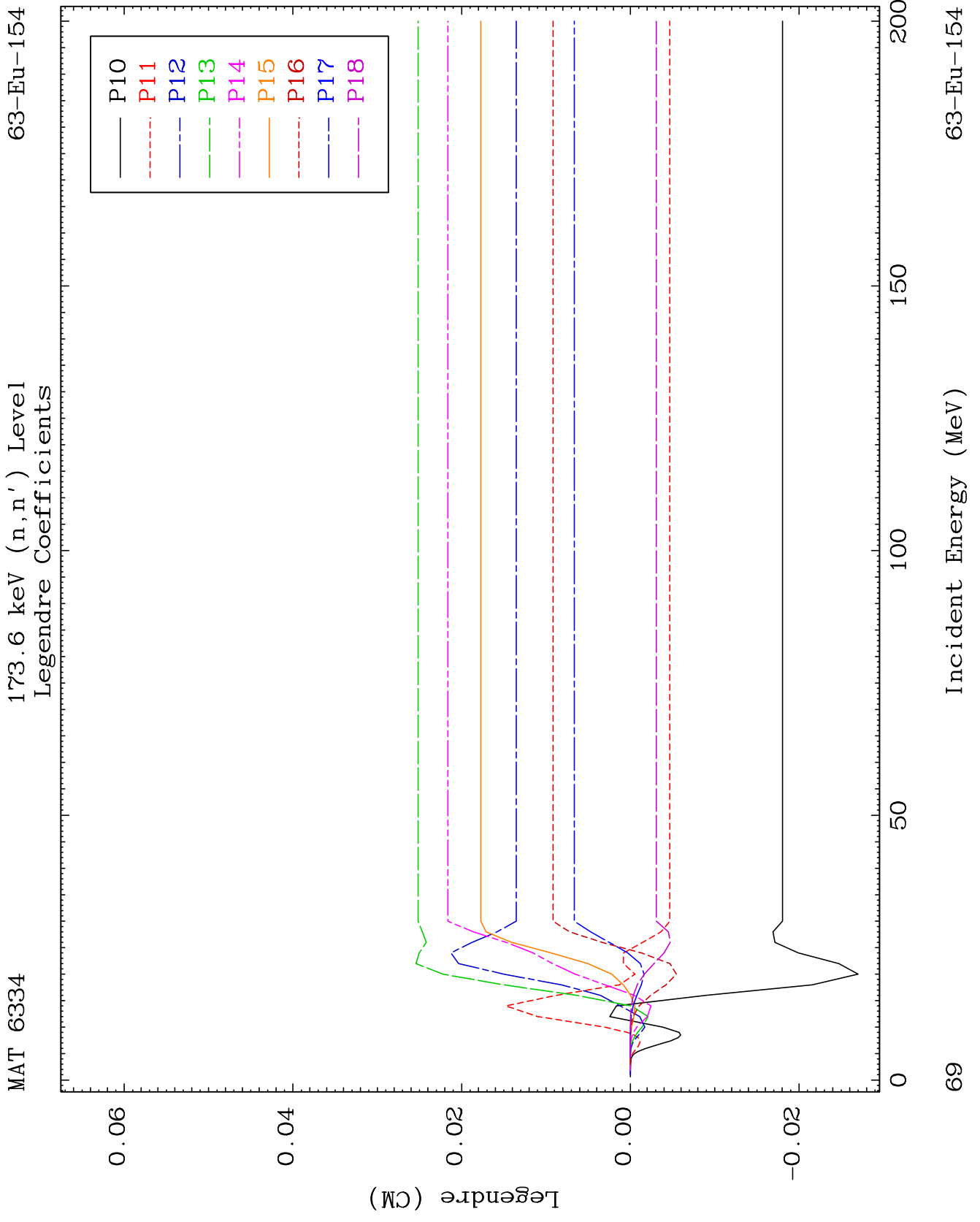
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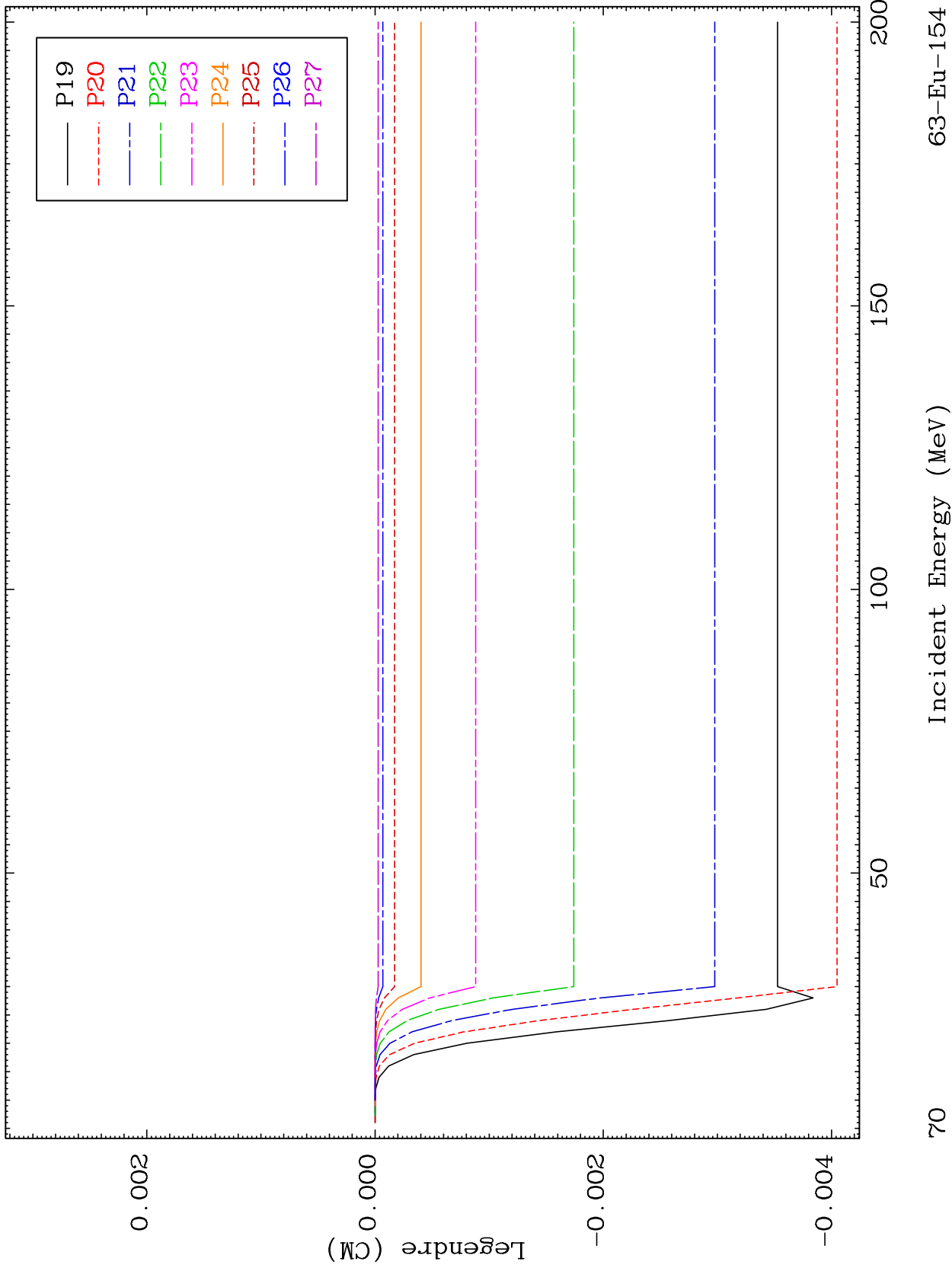




MAT 6334

173.6 keV (n,n') Level
Legendre Coefficients

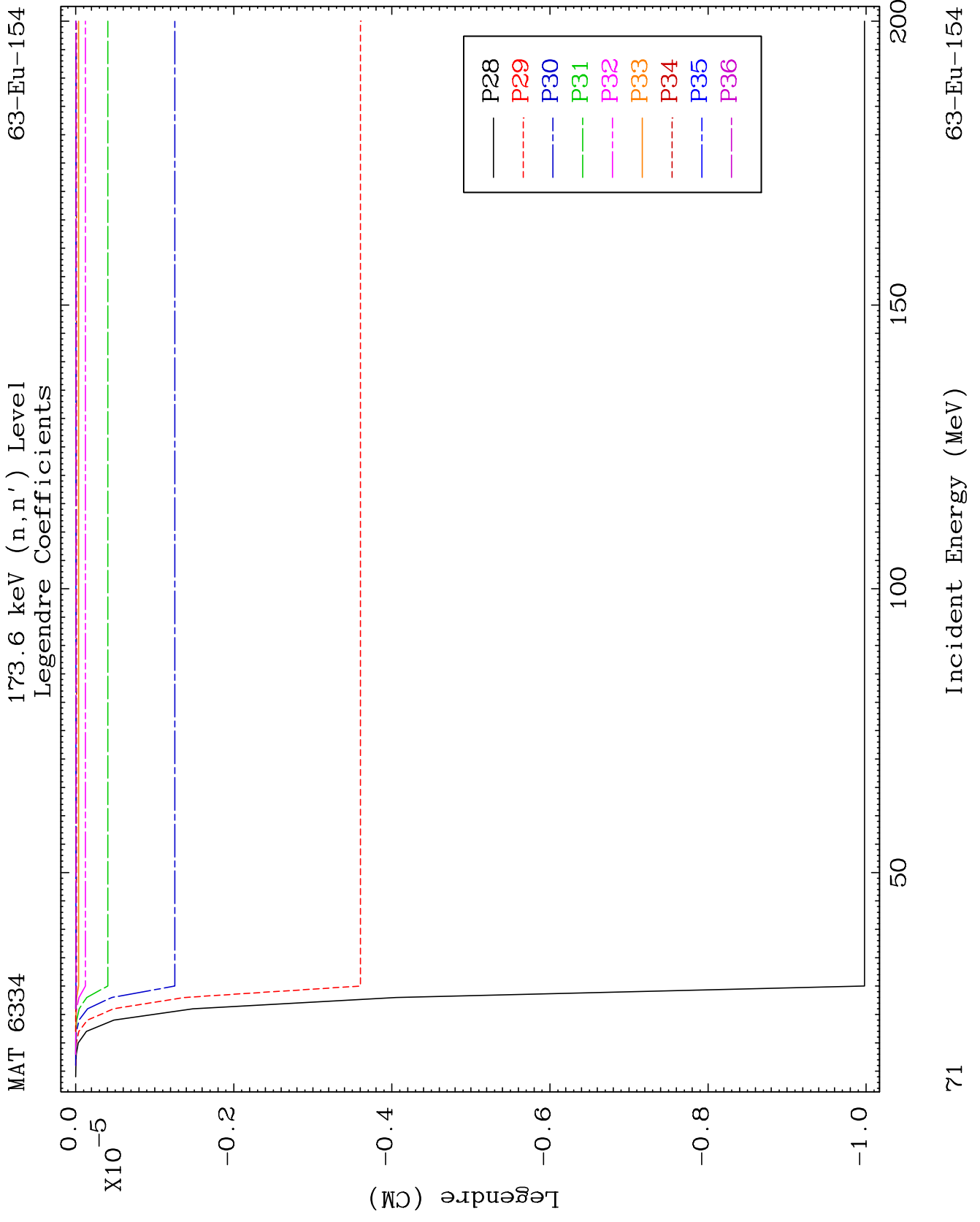
63-Eu-154



70

Incident Energy (MeV)

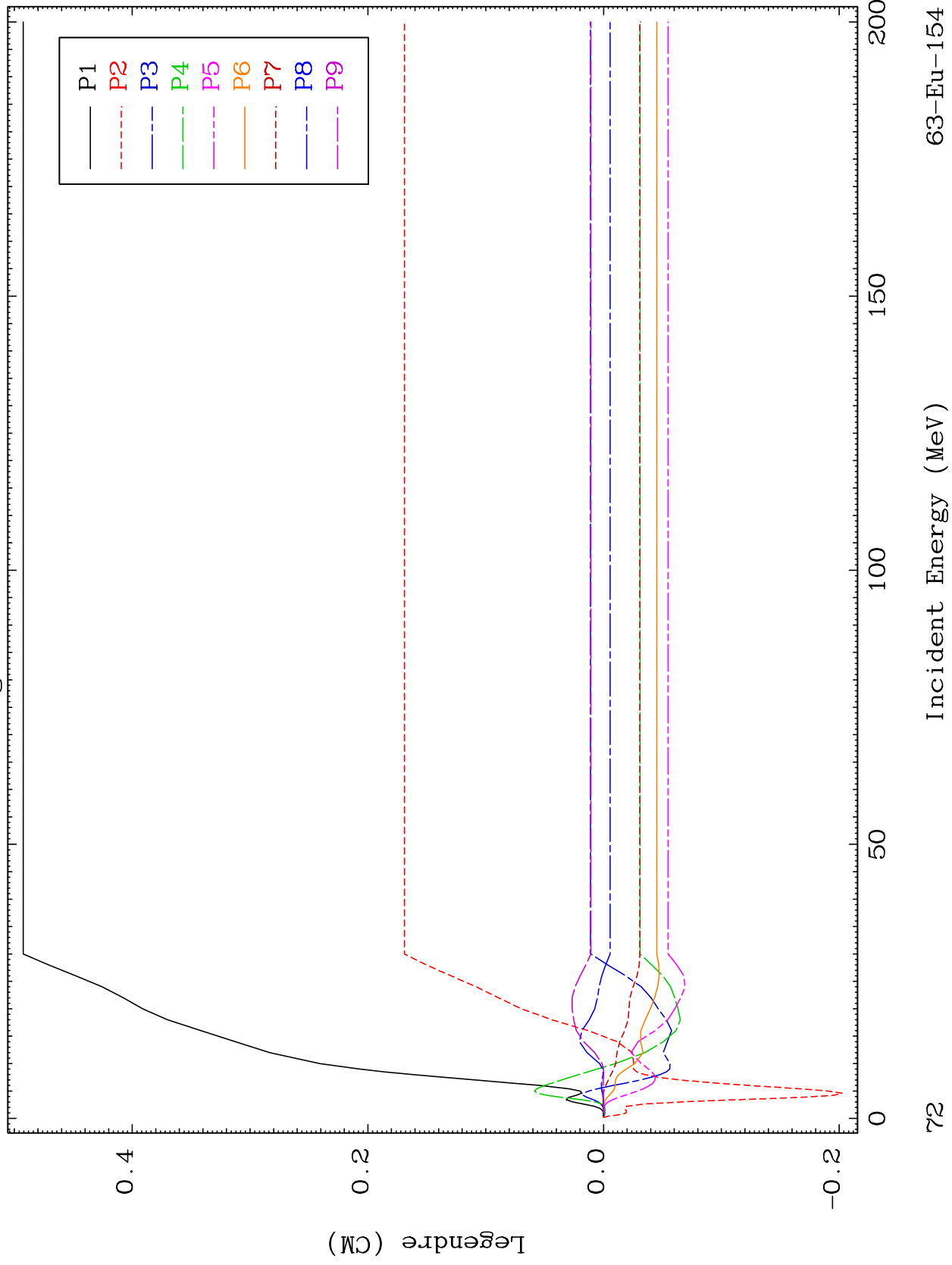
63-Eu-154



MAT 6334

175.5 keV (n,n') Level
Legendre Coefficients

63-Eu-154



63-Eu-154

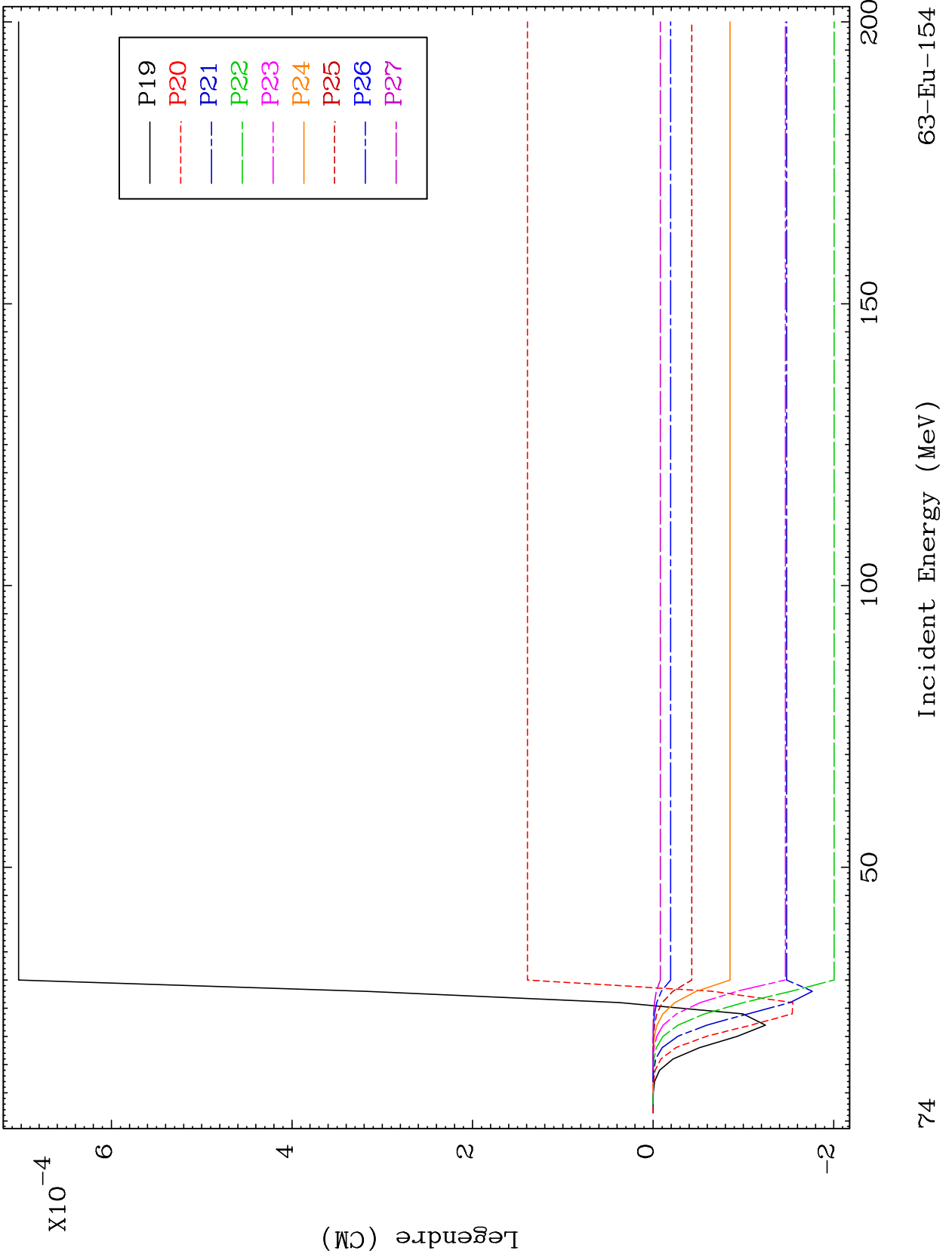
Incident Energy (MeV)

72

MAT 6334

175.5 keV (n,n') Level
Legendre Coefficients

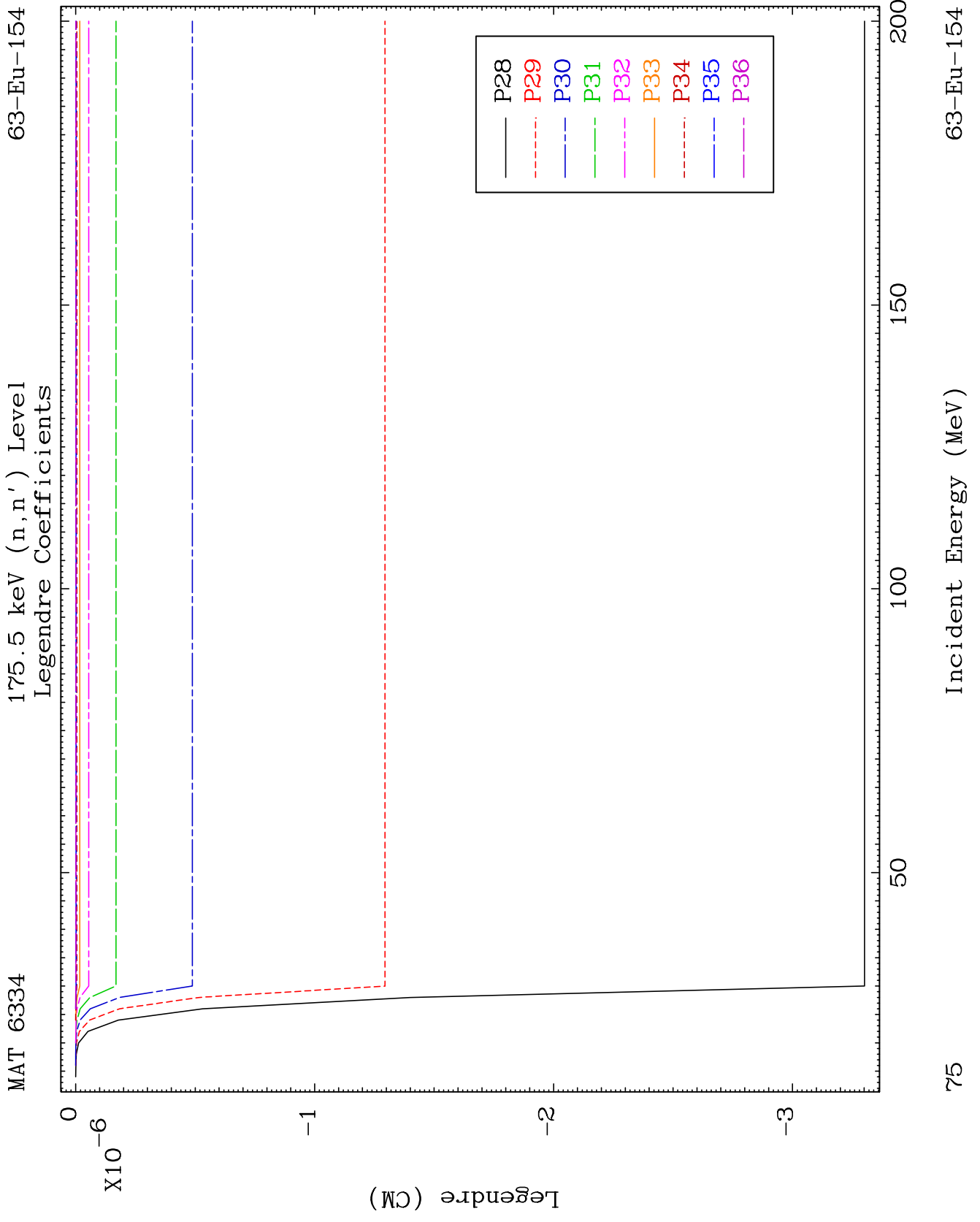
63-Eu-154



74

Incident Energy (MeV)

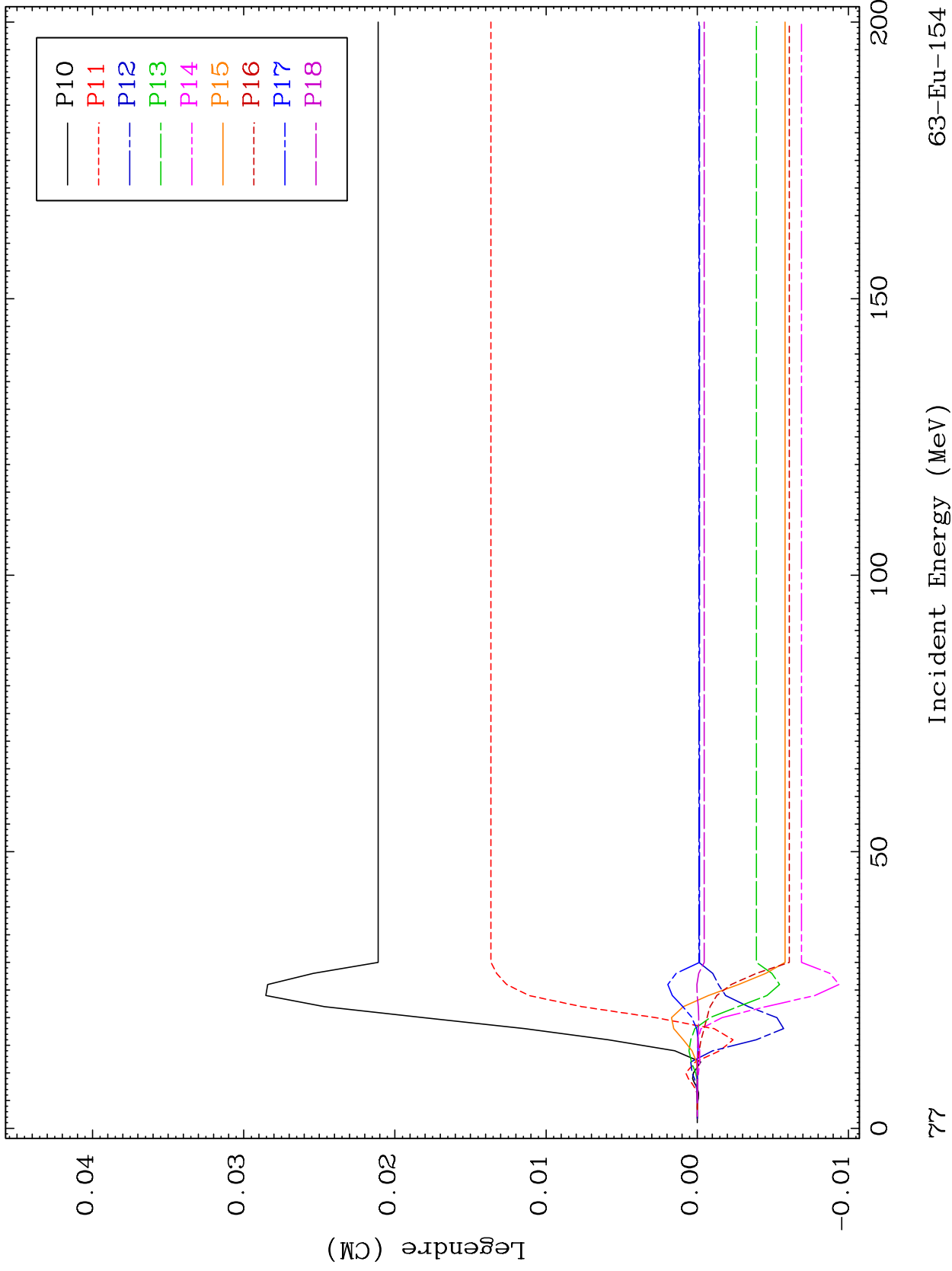
63-Eu-154



MAT 6334

180.7 keV (n,n') Level
Legendre Coefficients

63-Eu-154



63-Eu-154

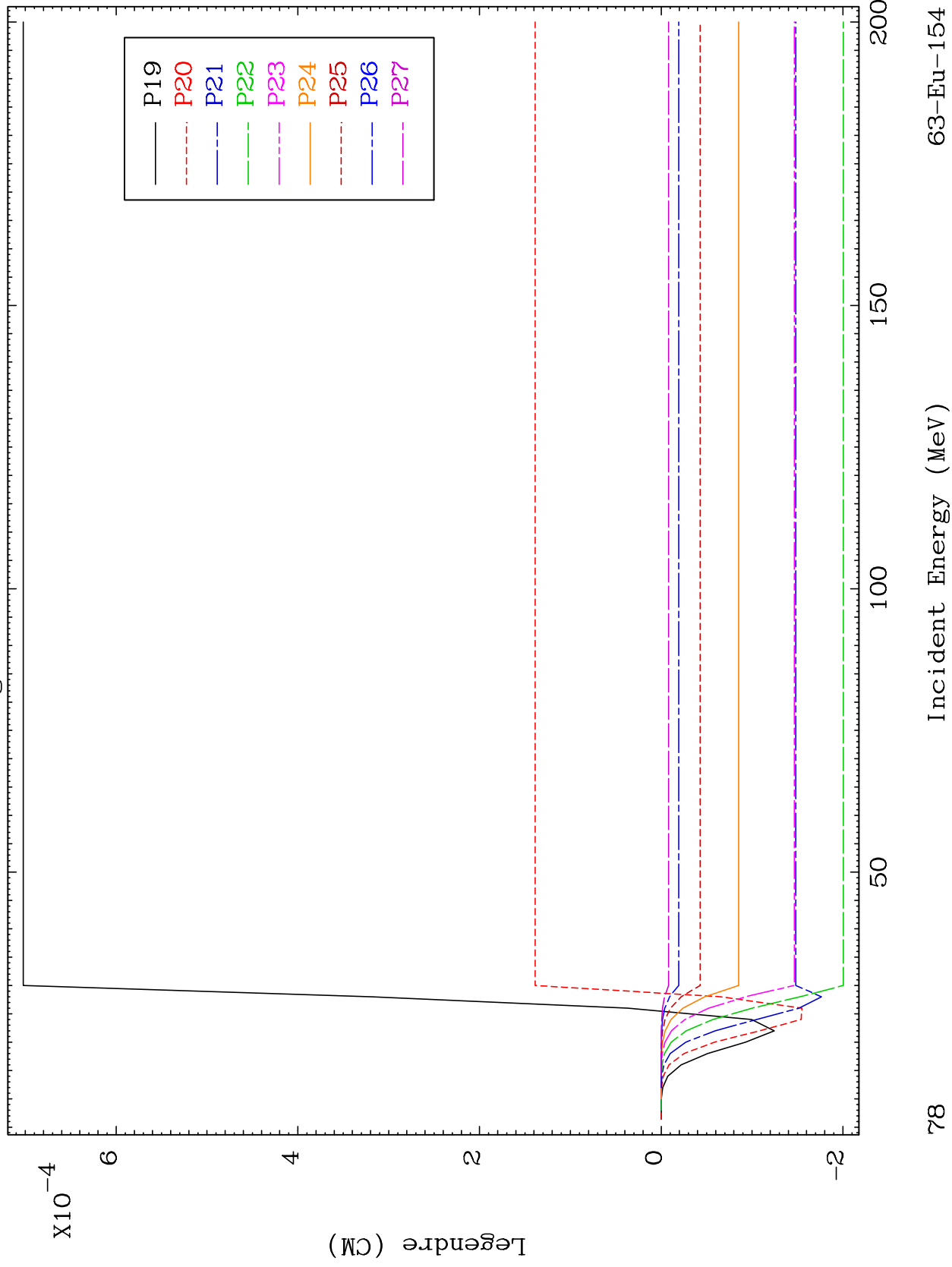
Incident Energy (MeV)

77

MAT 6334

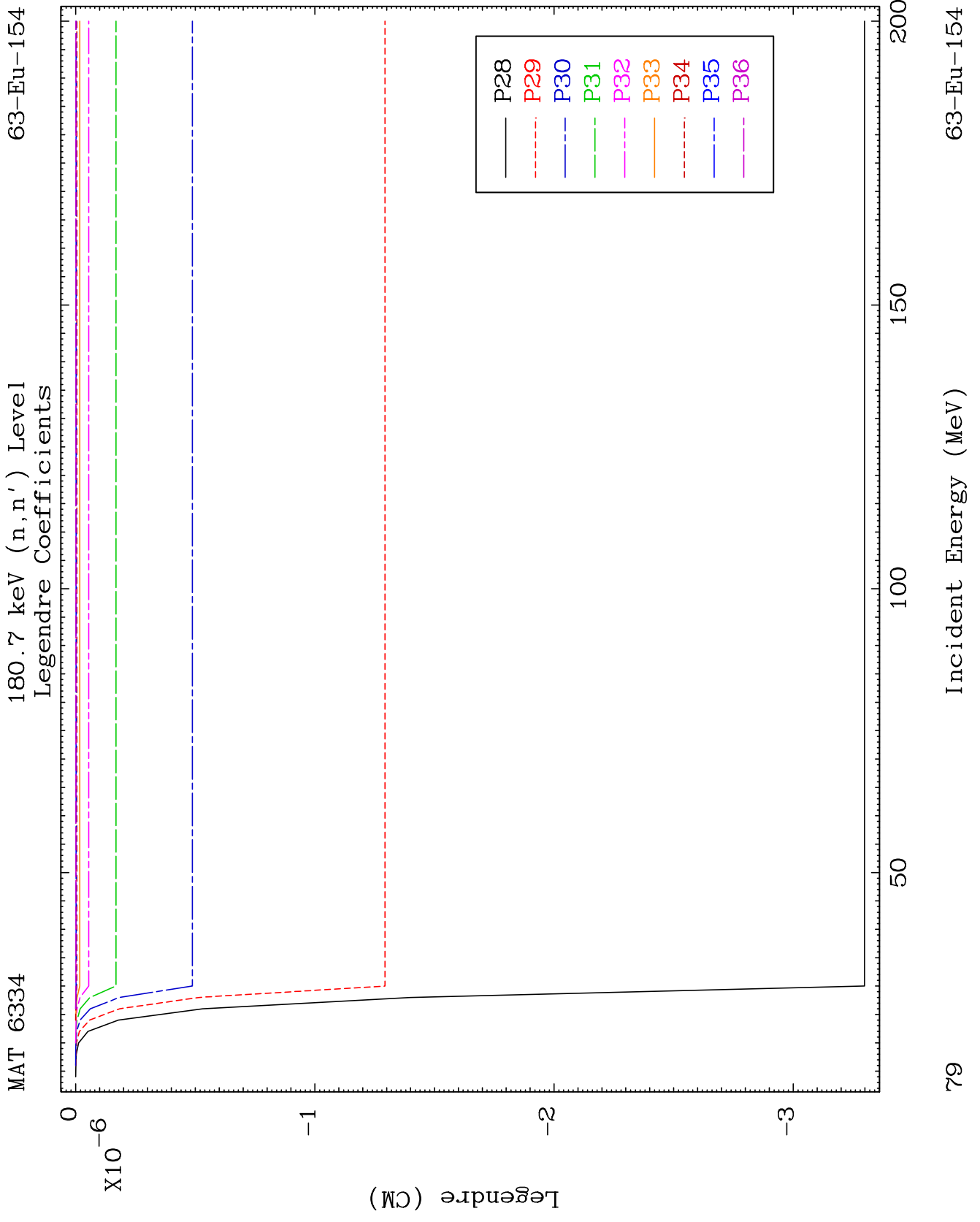
180.7 keV (n,n') Level
Legendre Coefficients

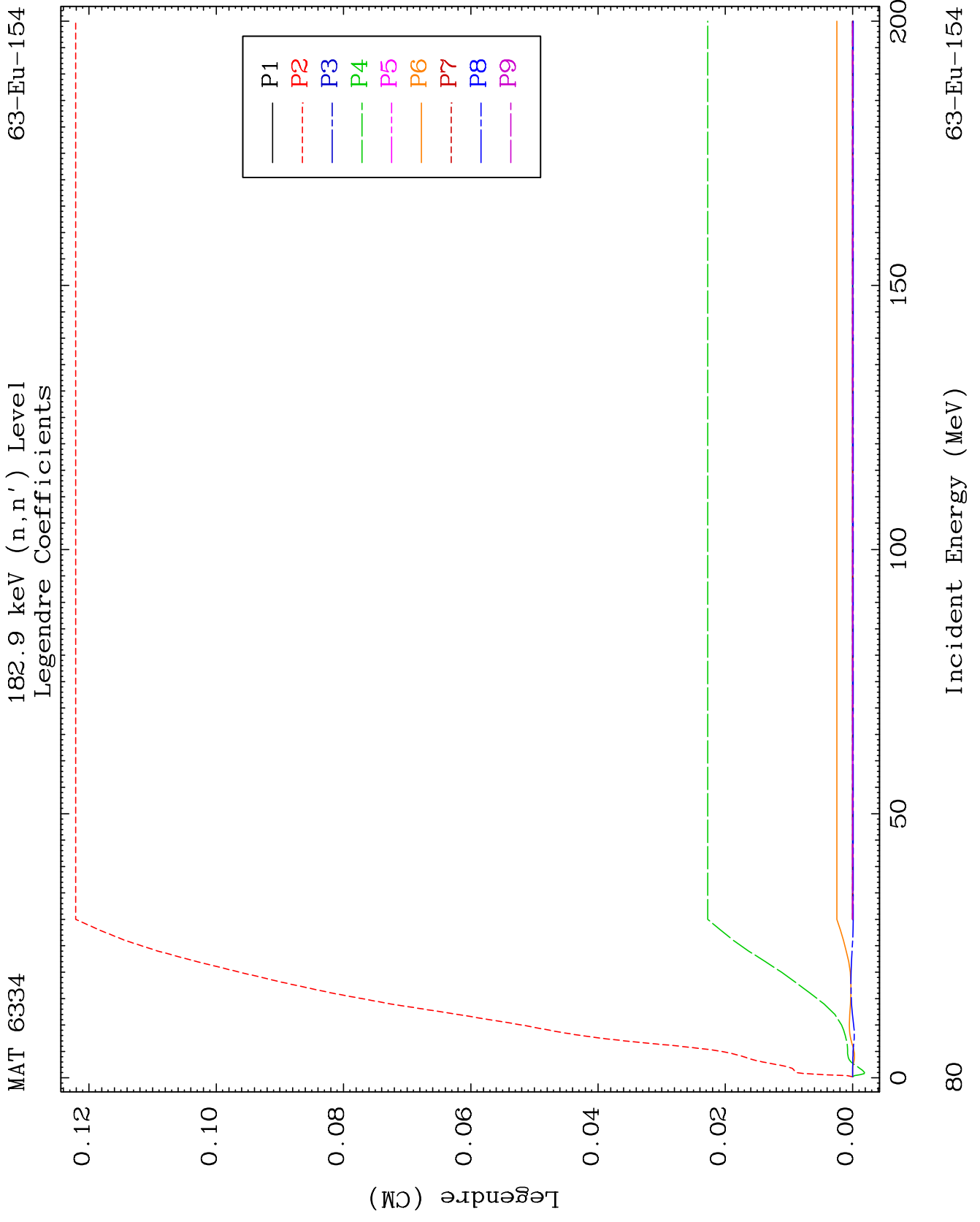
63-Eu-154



78

63-Eu-154

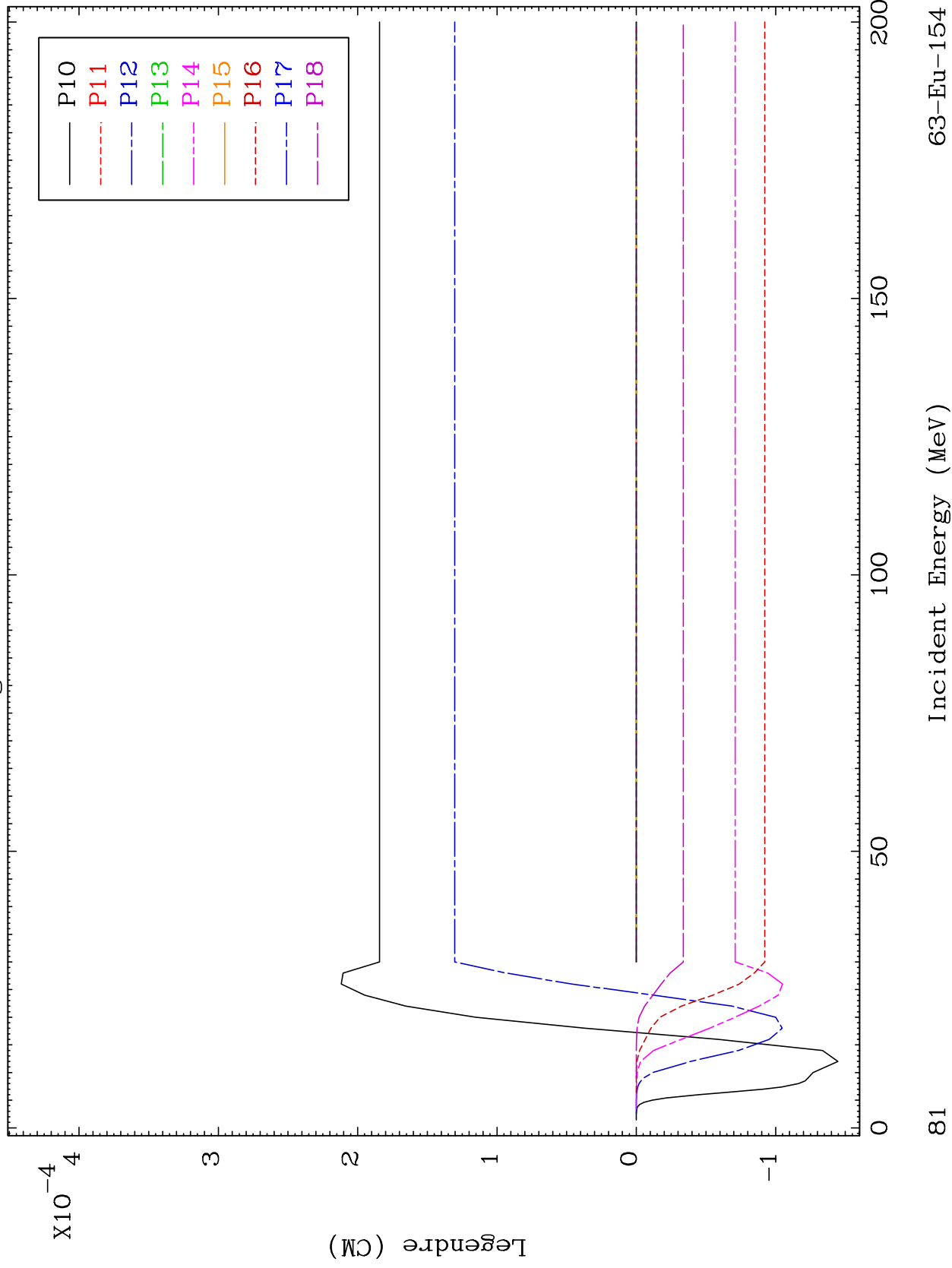


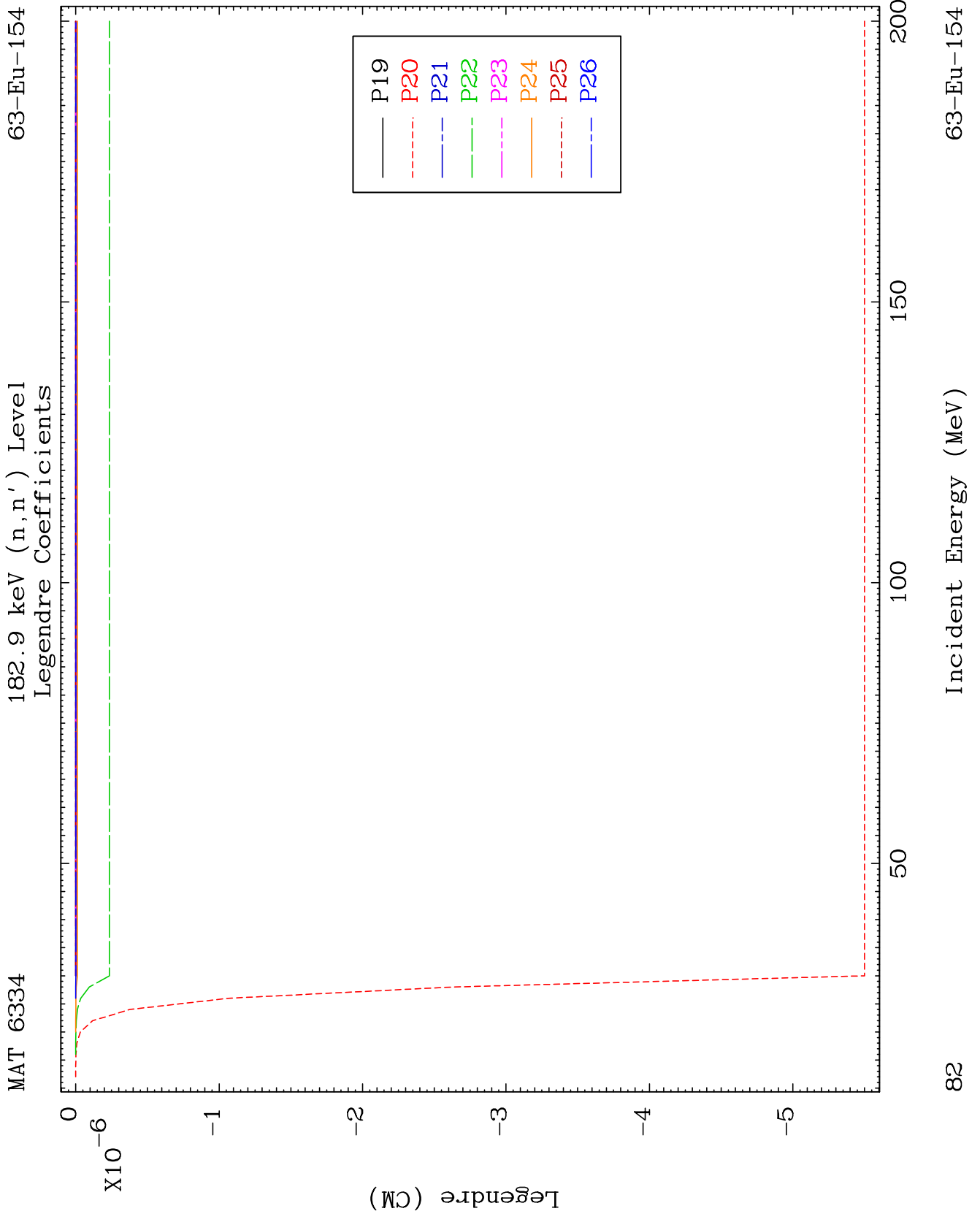


MAT 6334

182.9 keV (n,n') Level
Legendre Coefficients

63-Eu-154

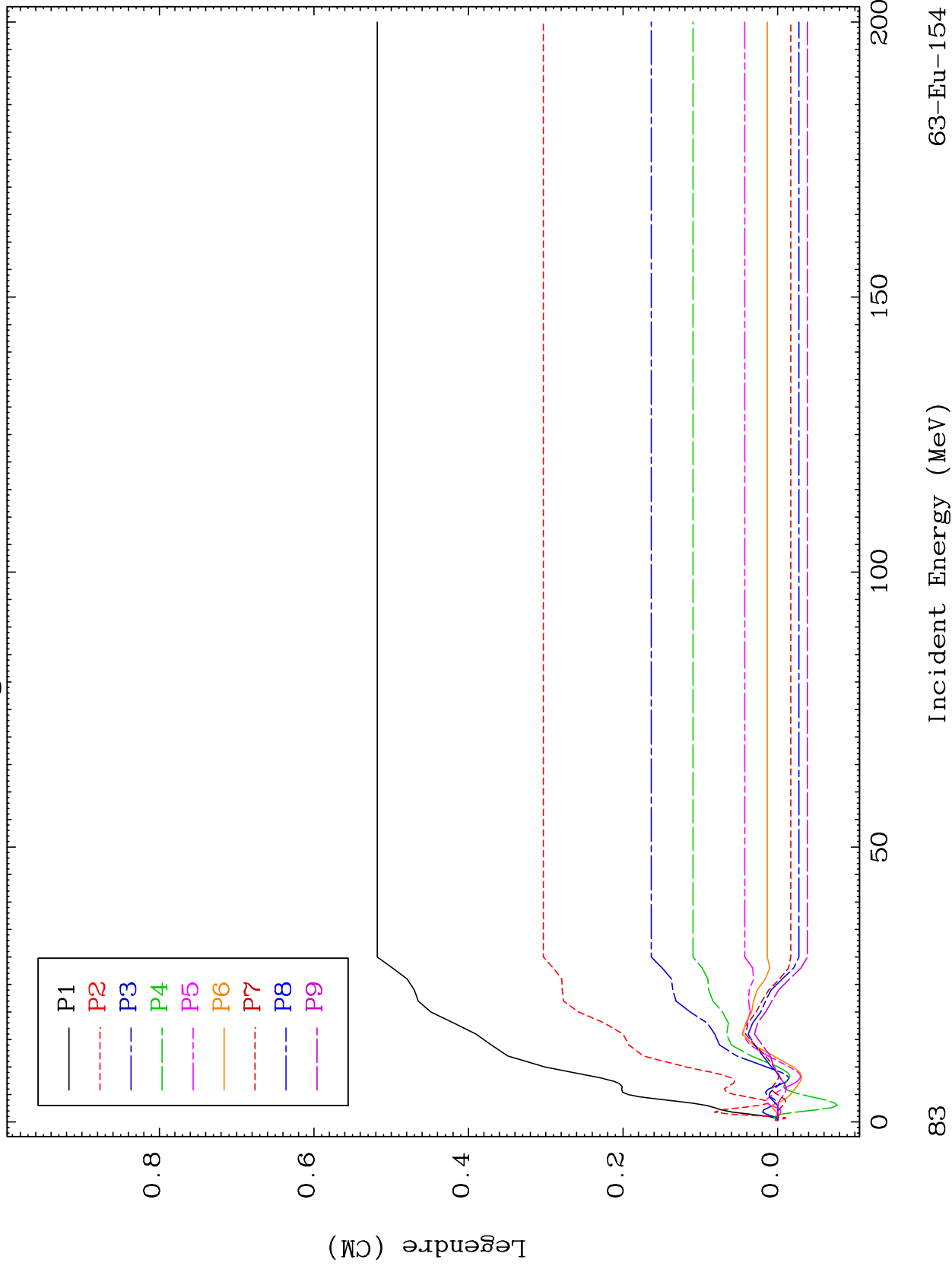




MAT 6334

185.1 keV (n,n') Level
Legendre Coefficients

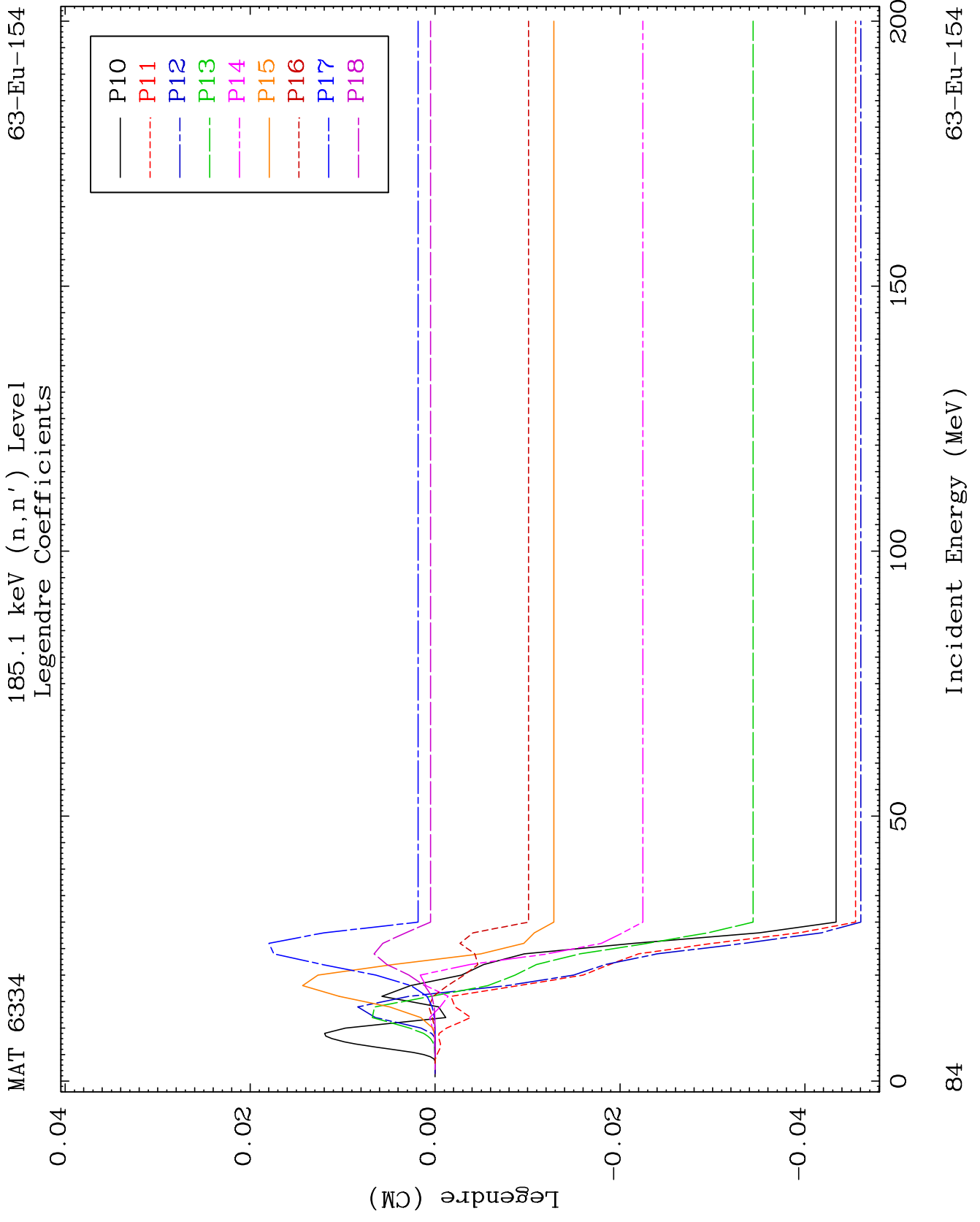
63-Eu-154



63-Eu-154

Incident Energy (MeV)

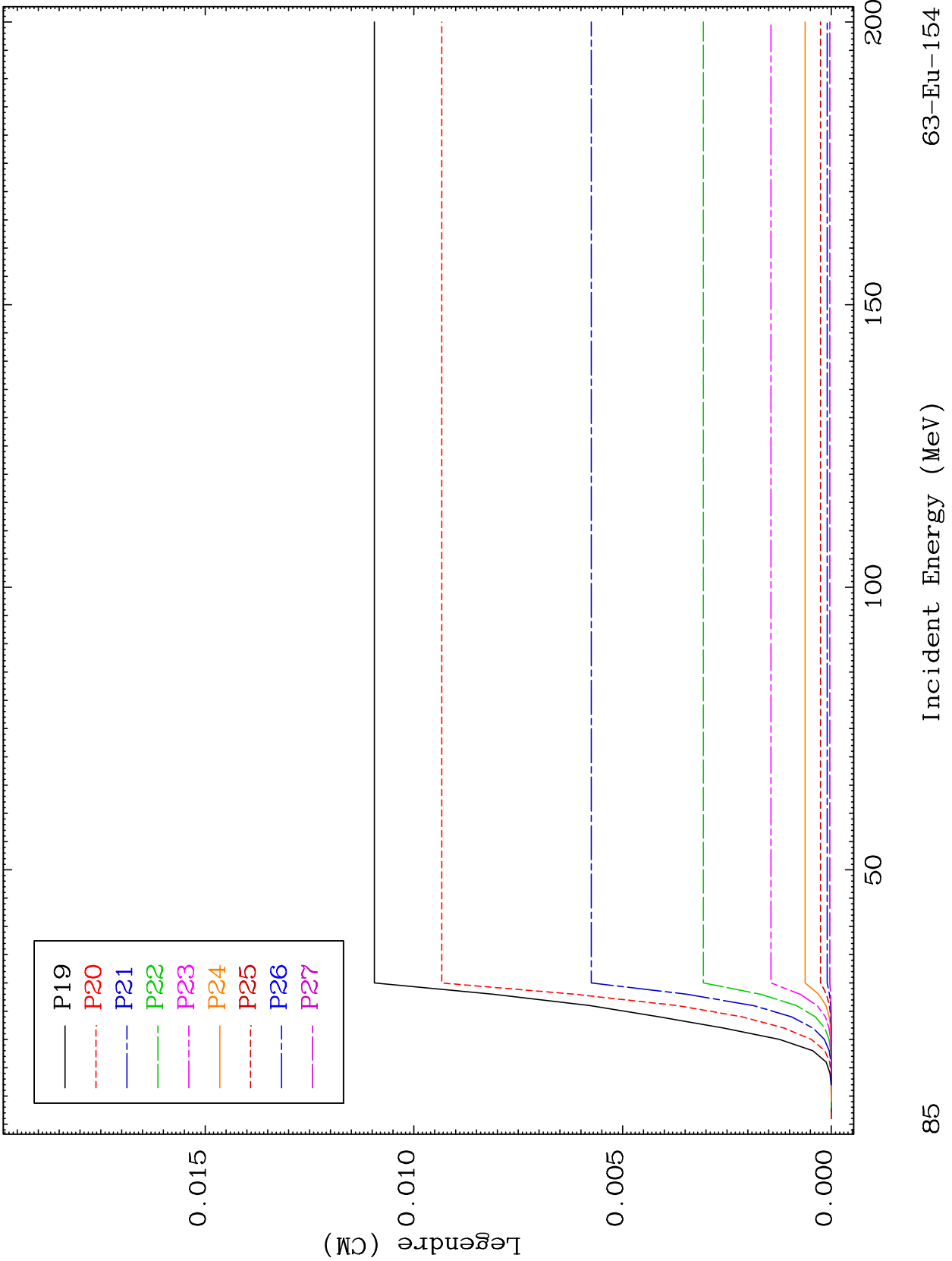
83



MAT 6334

185.1 keV (n,n') Level
Legendre Coefficients

63-Eu-154



85

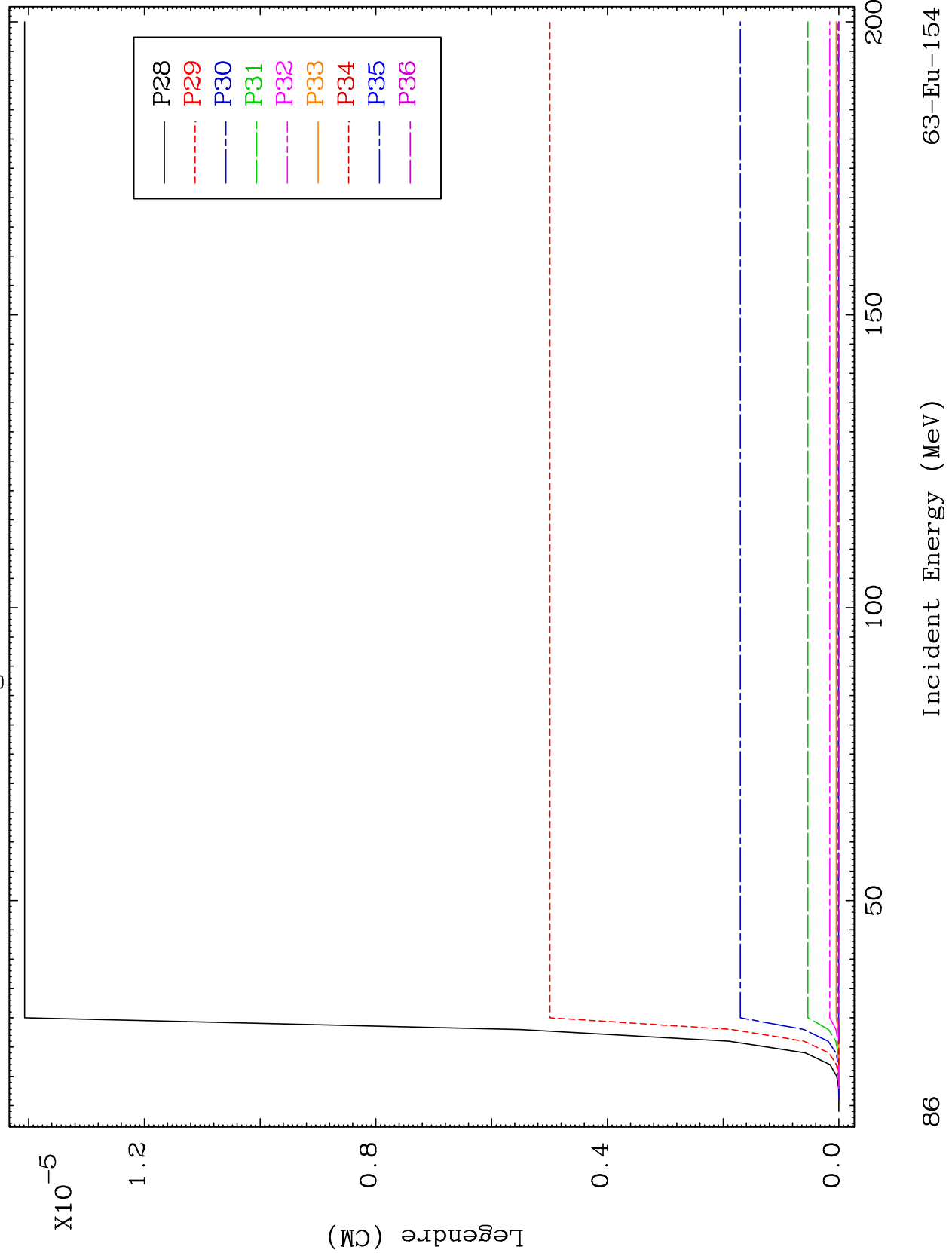
Incident Energy (MeV)

63-Eu-154

MAT 6334

185.1 keV (n,n') Level
Legendre Coefficients

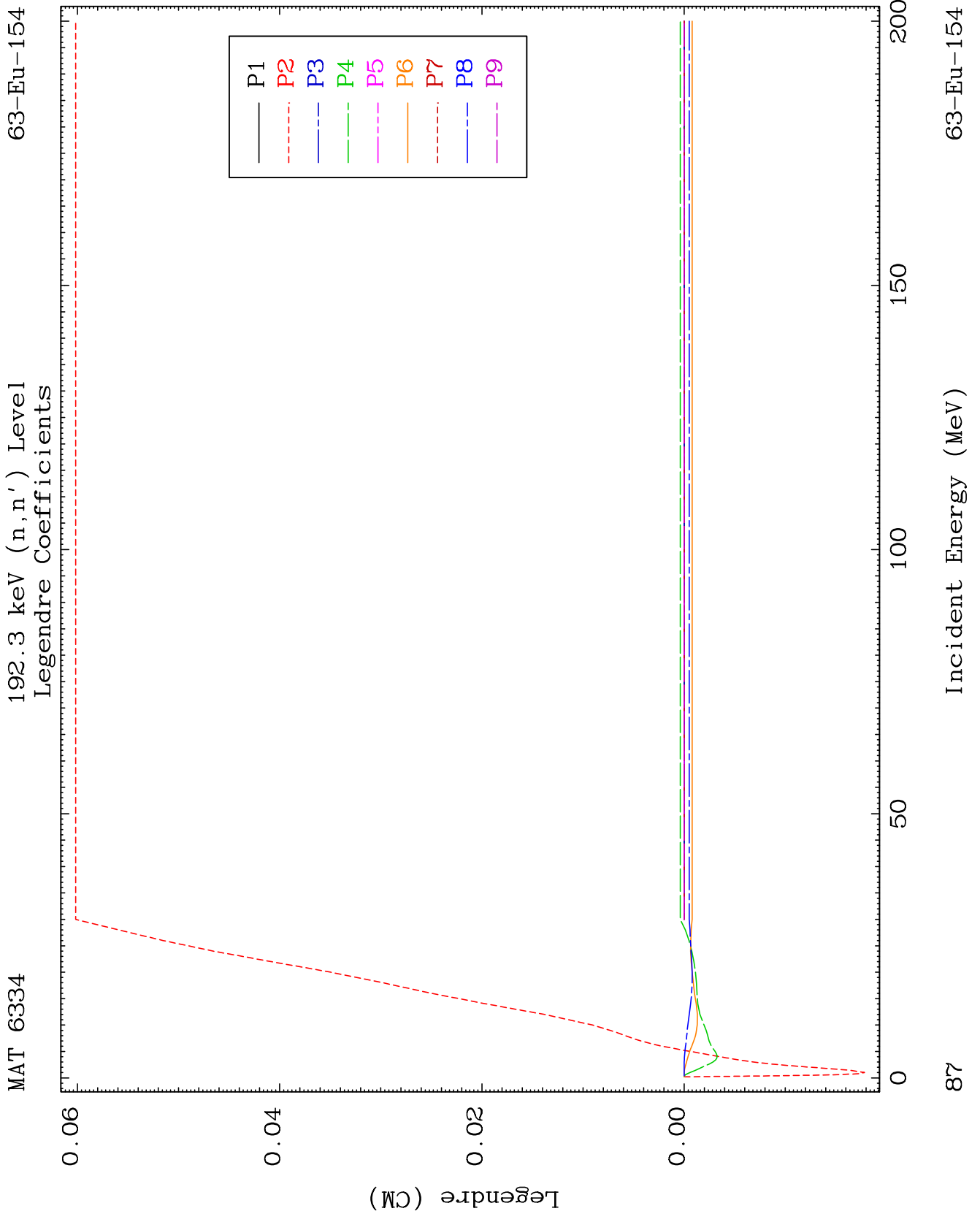
63-Eu-154

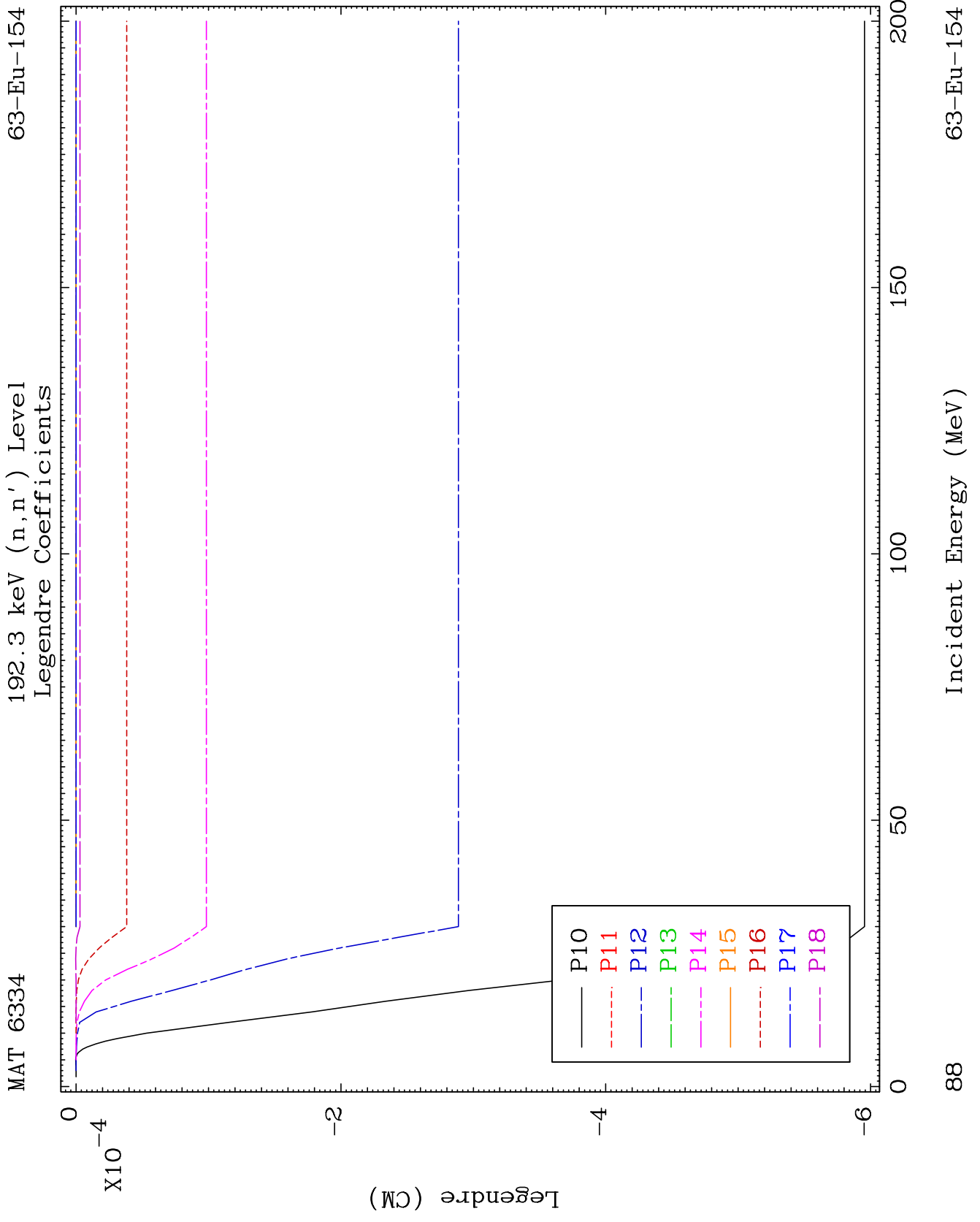


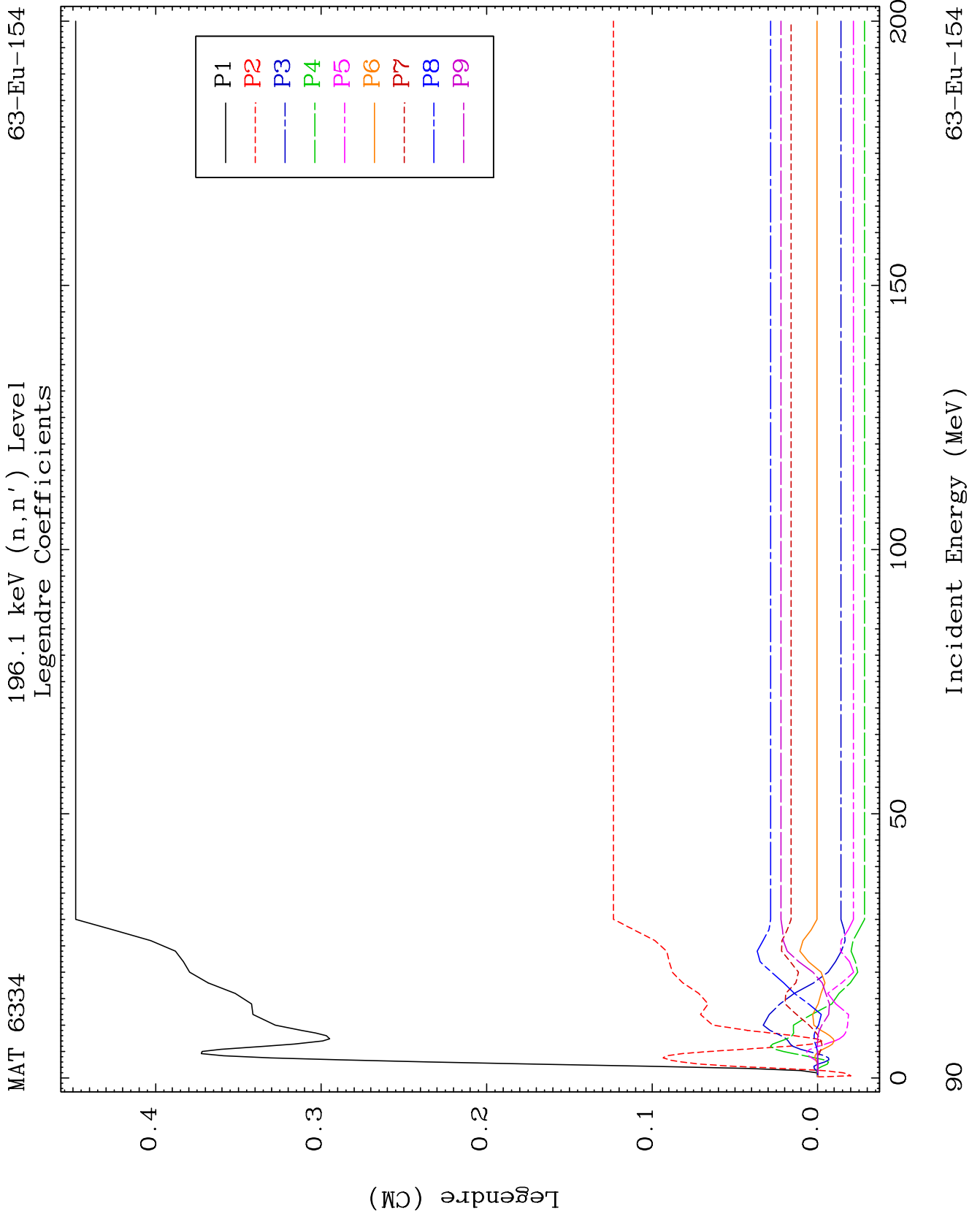
63-Eu-154

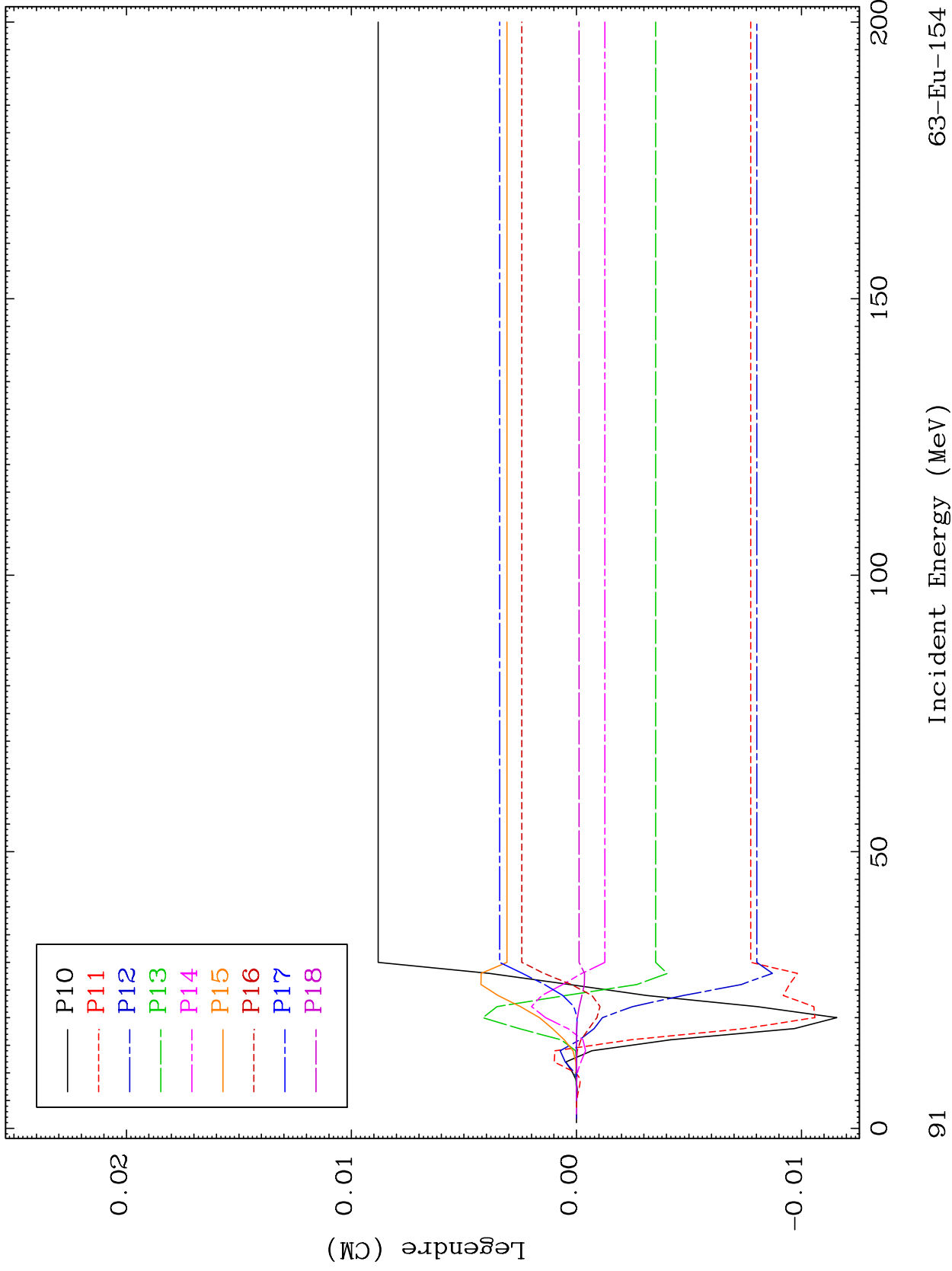
Incident Energy (MeV)

86





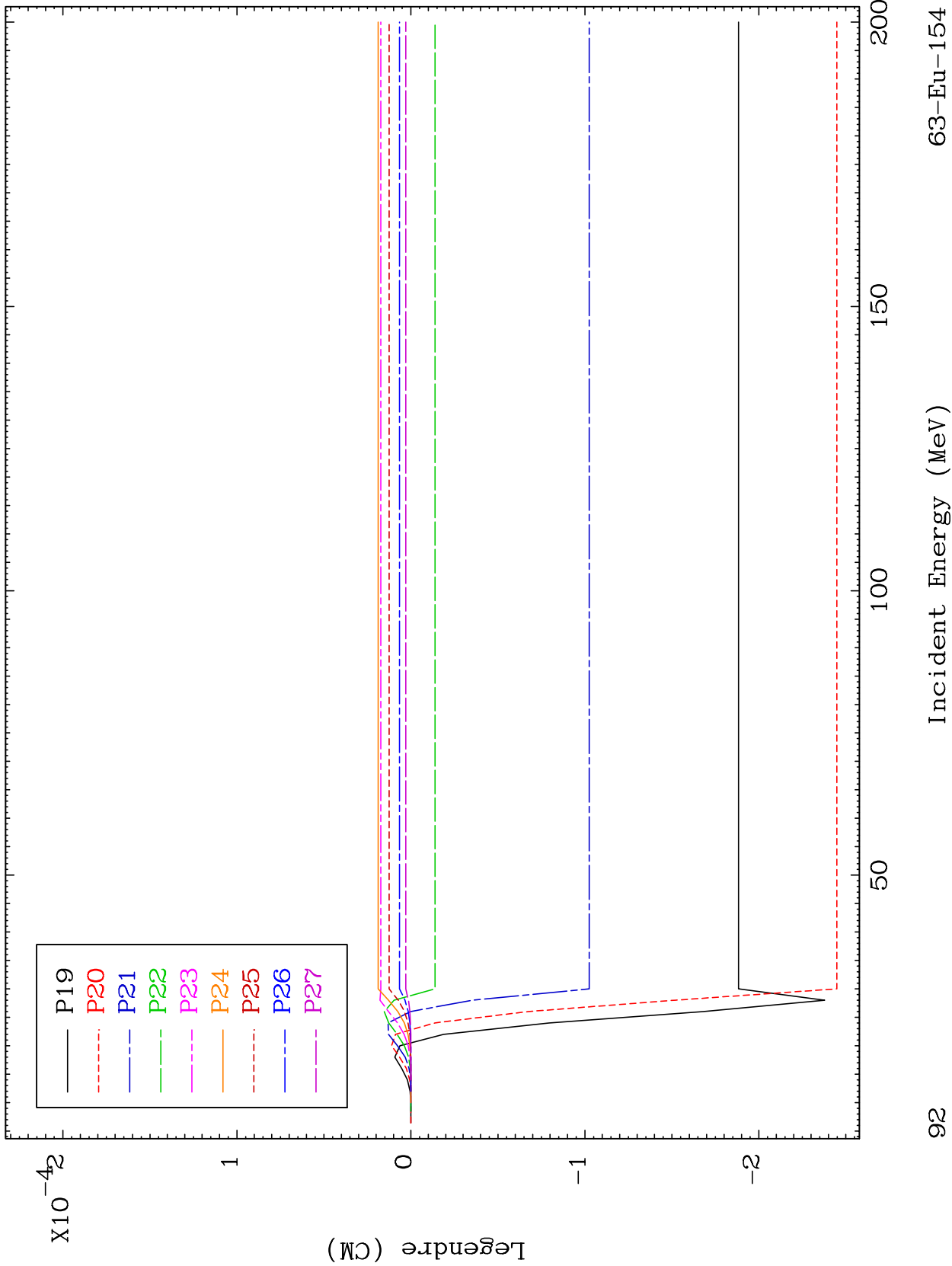




MAT 6334

196.1 keV (n,n') Level
Legendre Coefficients

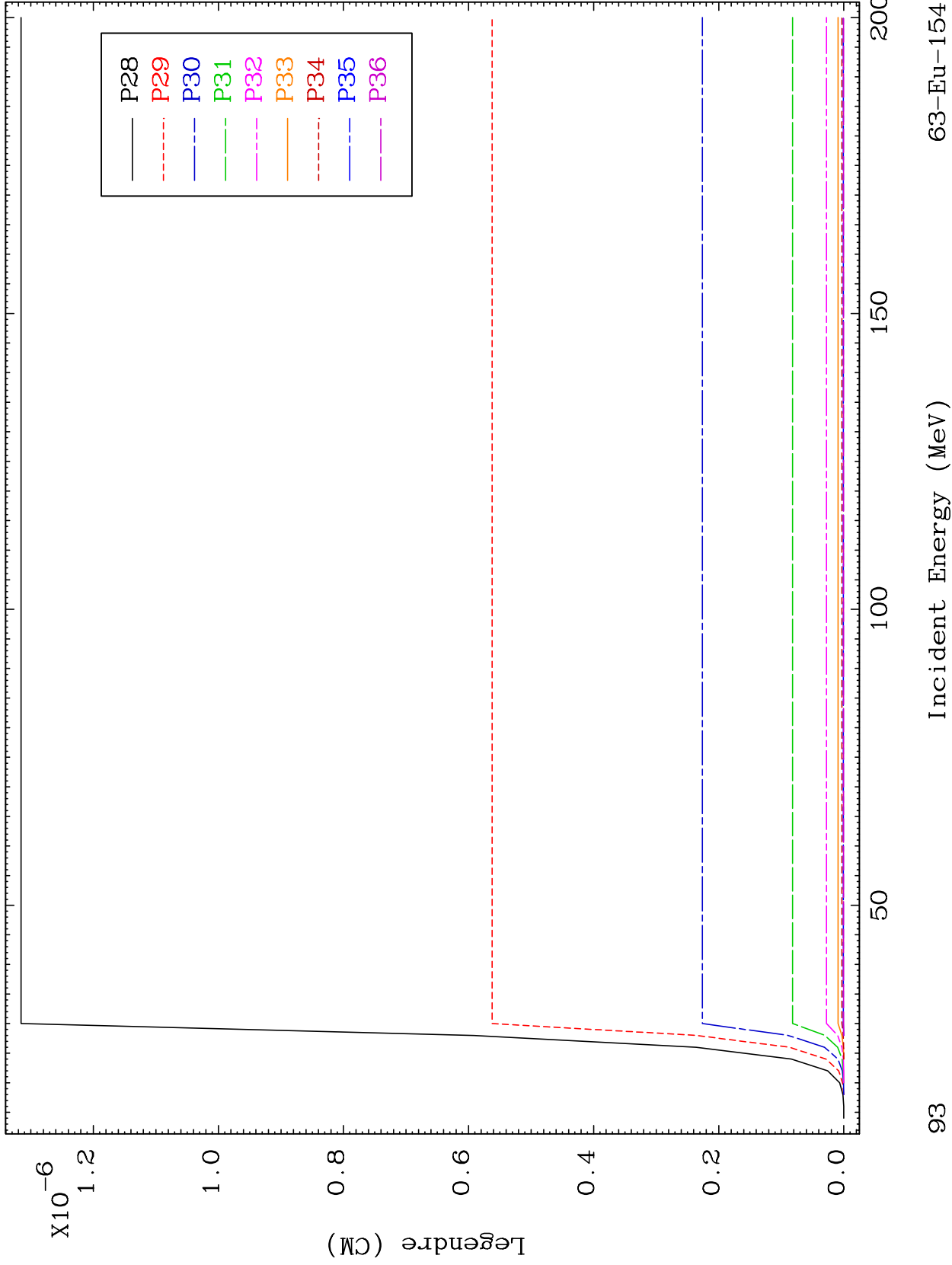
63-Eu-154



MAT 6334

196.1 keV (n,n') Level
Legendre Coefficients

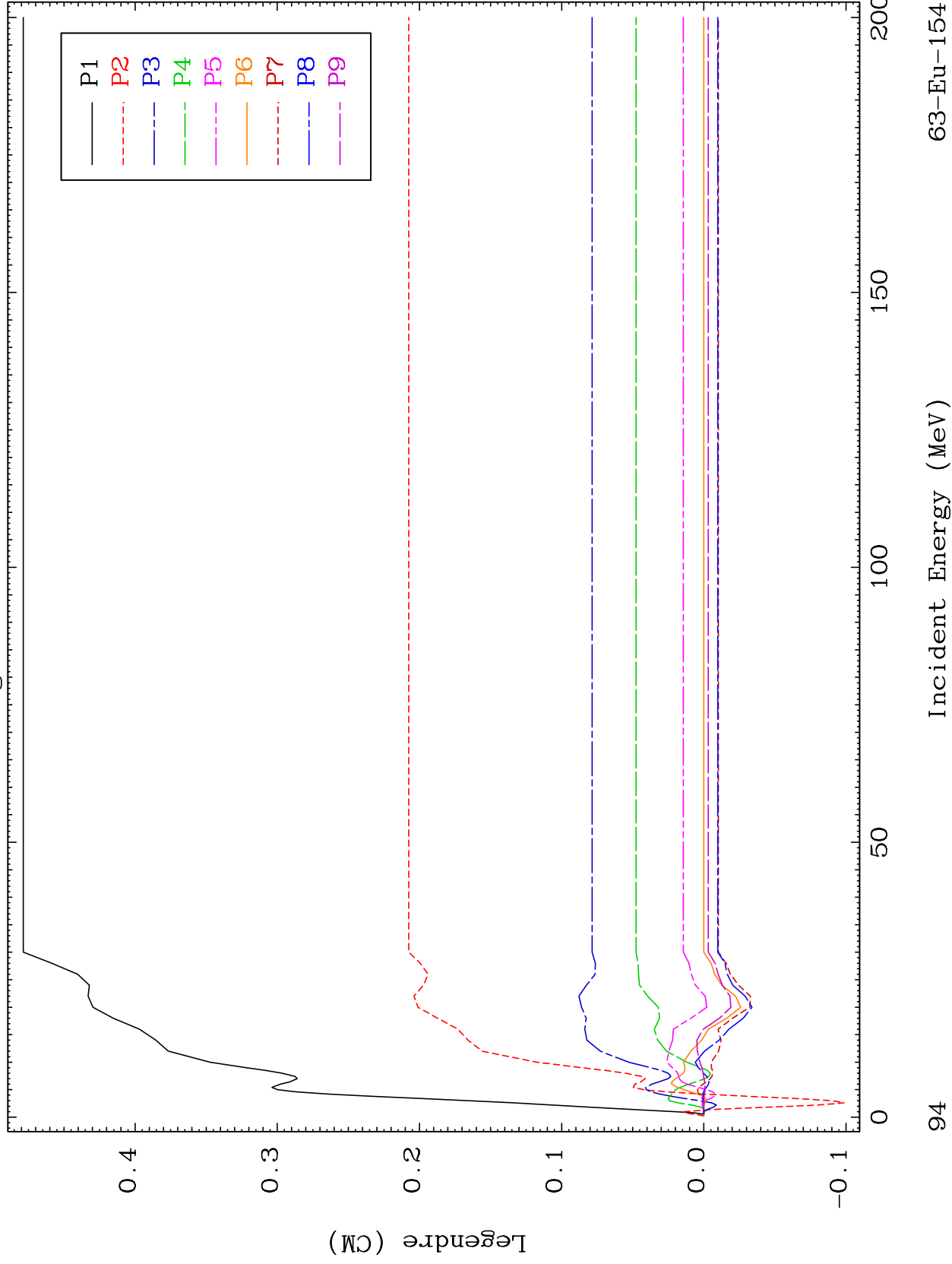
63-Eu-154



MAT 6334

203.8 keV (n,n') Level
Legendre Coefficients

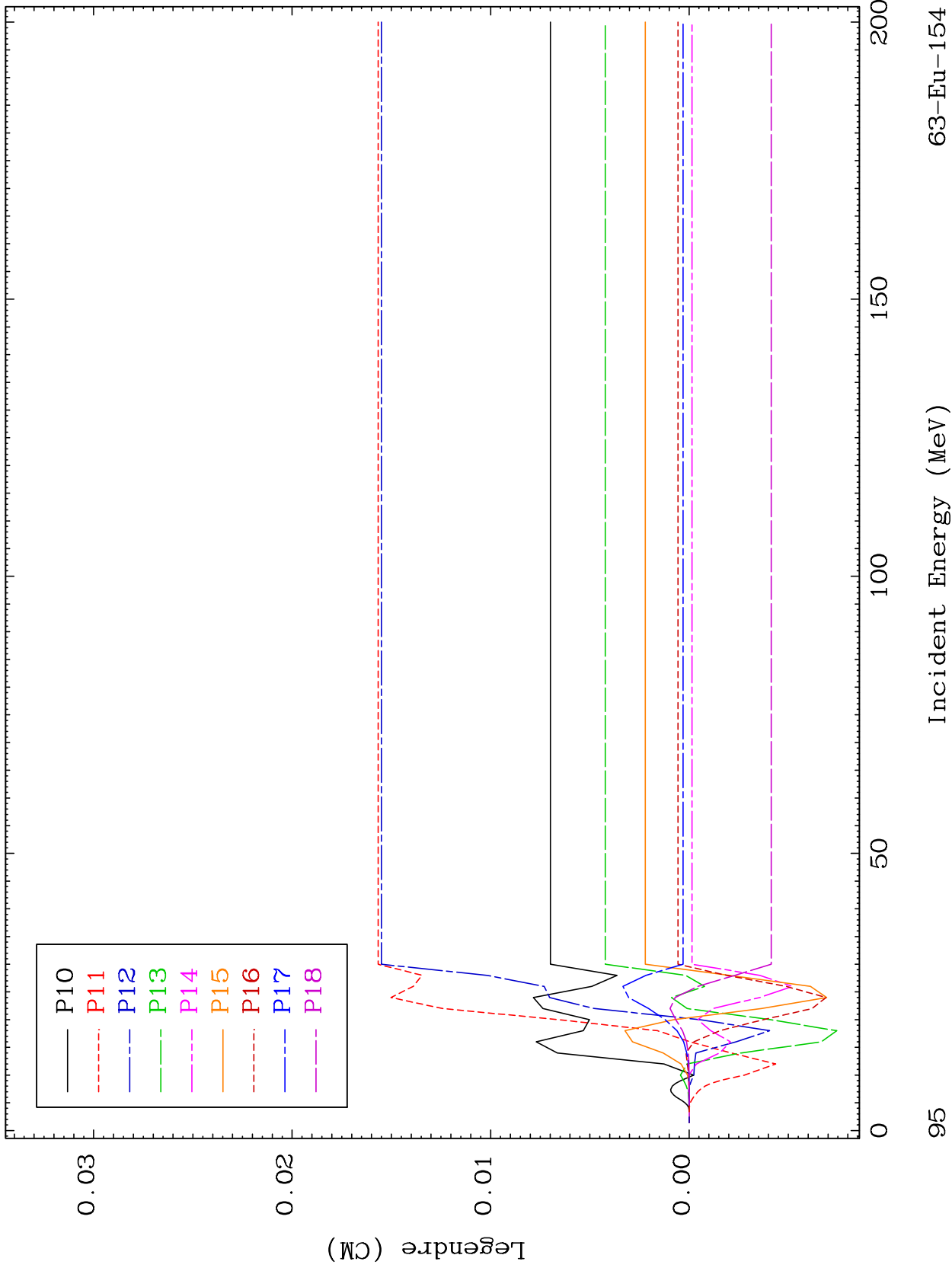
63-Eu-154



MAT 6334

203.8 keV (n, n') Level
Legendre Coefficients

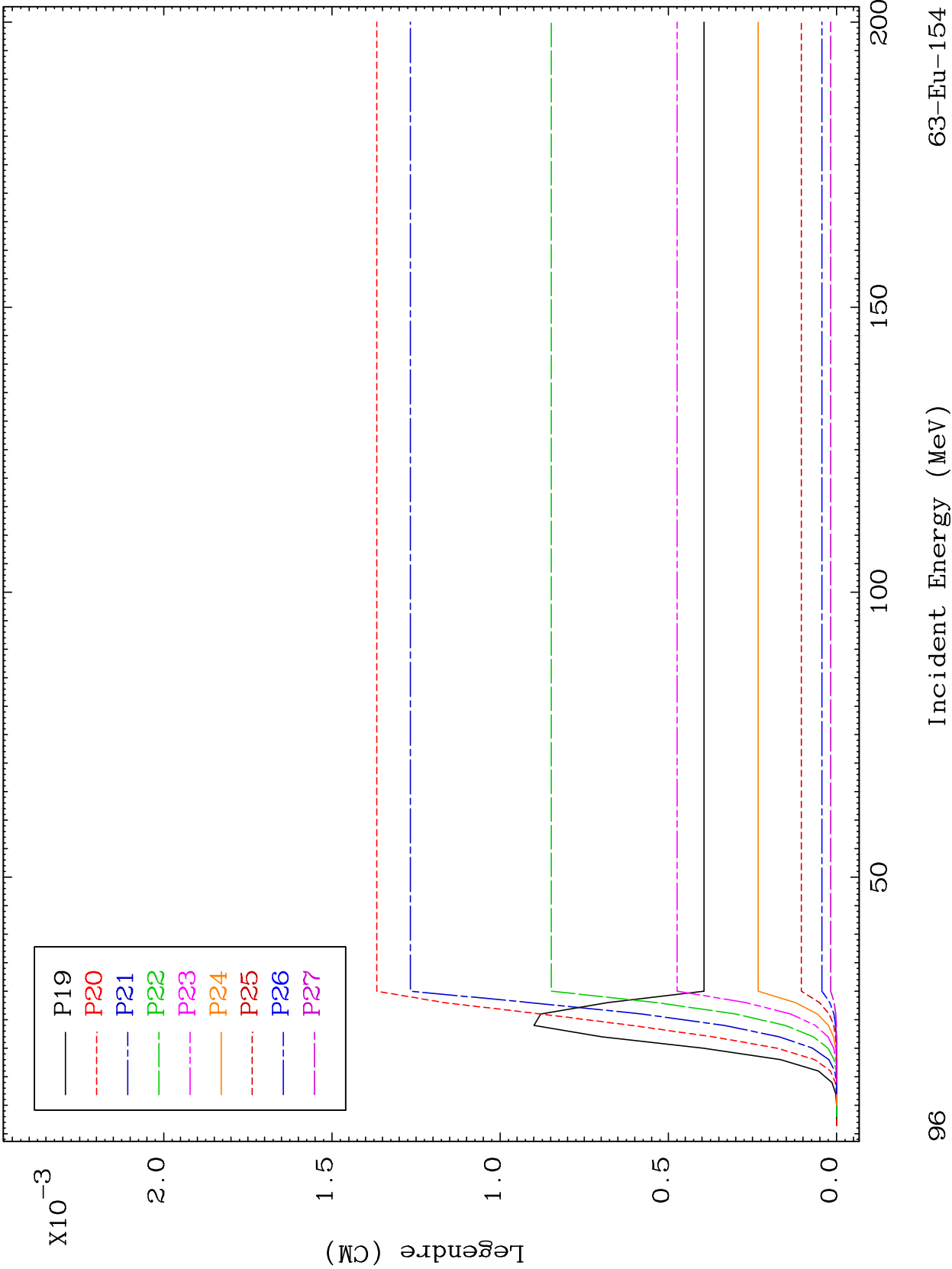
63-Eu-154



63-Eu-154

Incident Energy (MeV)

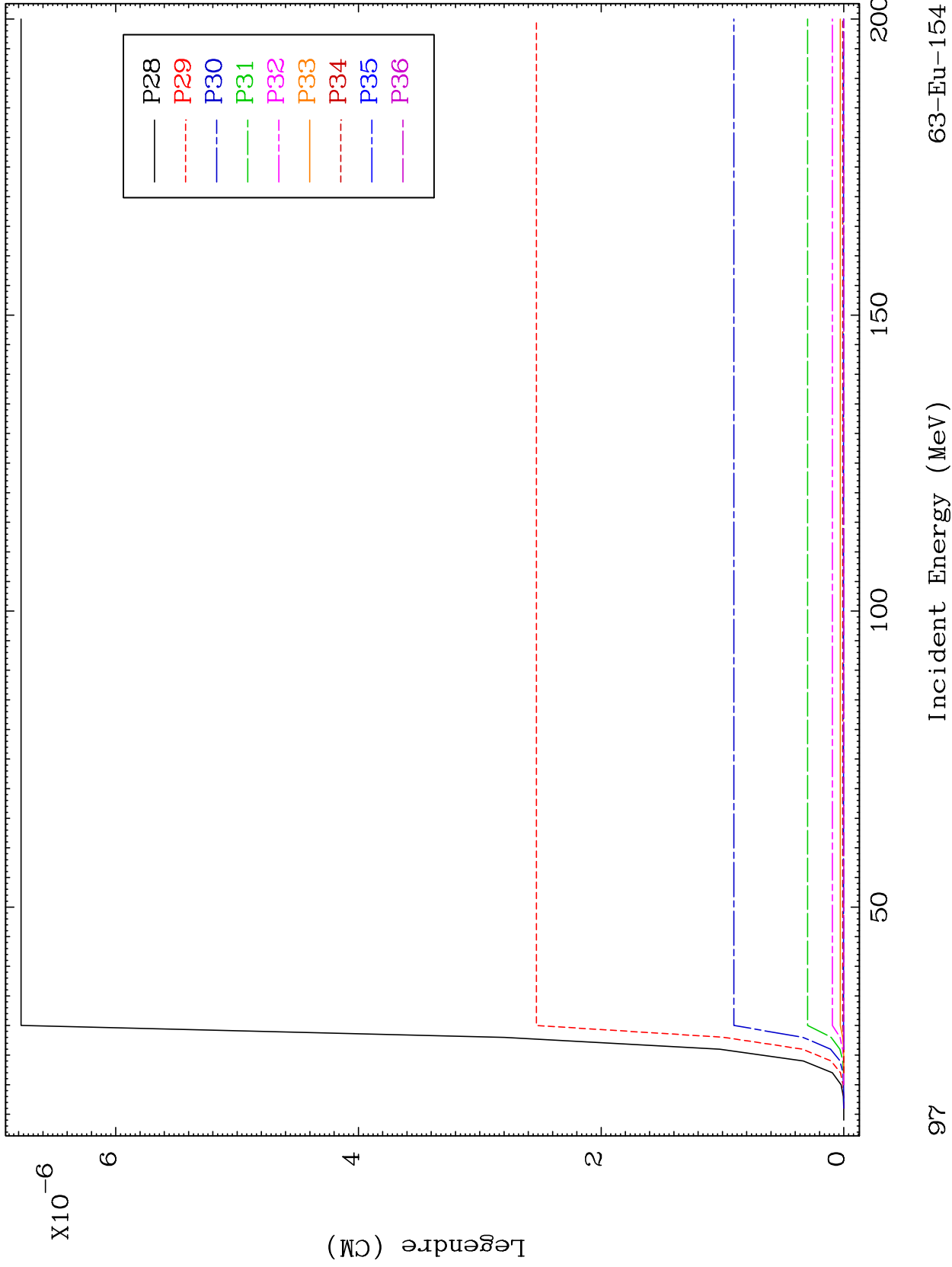
95



MAT 6334

203.8 keV (n,n') Level
Legendre Coefficients

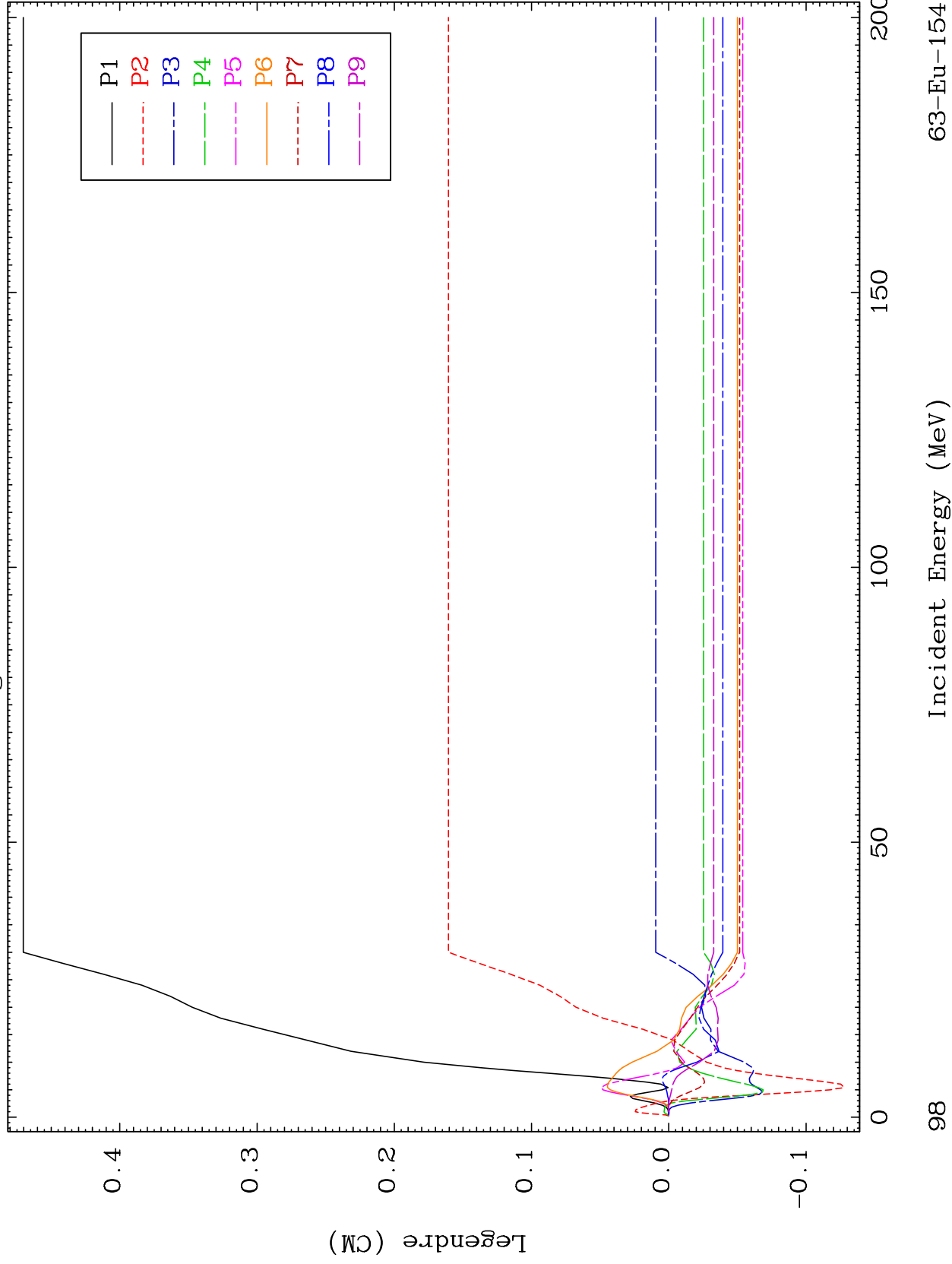
63-Eu-154



MAT 6334

214.1 keV (n, n') Level
Legendre Coefficients

63-Eu-154



63-Eu-154

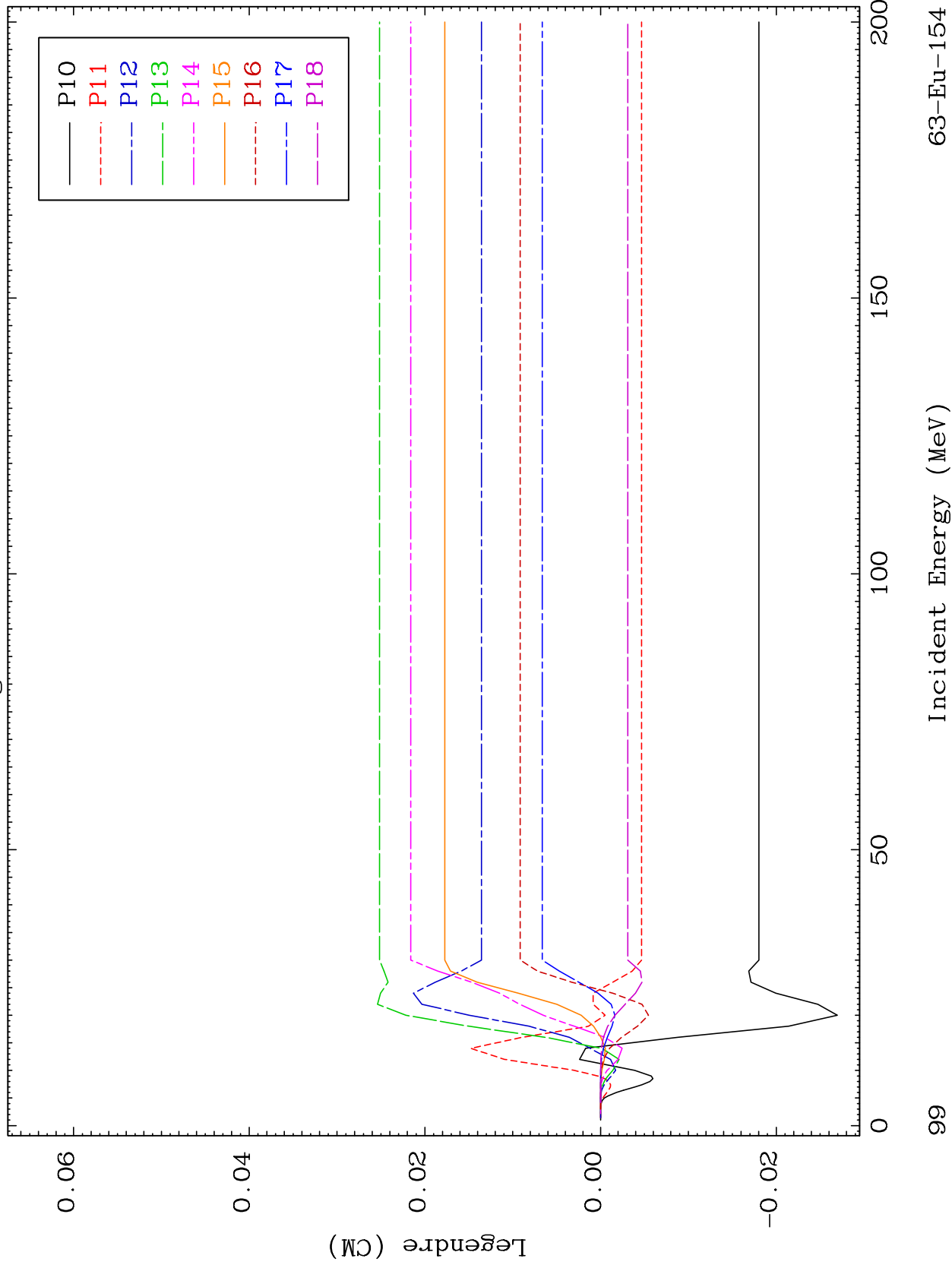
Incident Energy (MeV)

98

MAT 6334

214.1 keV (n,n') Level
Legendre Coefficients

63-Eu-154



99

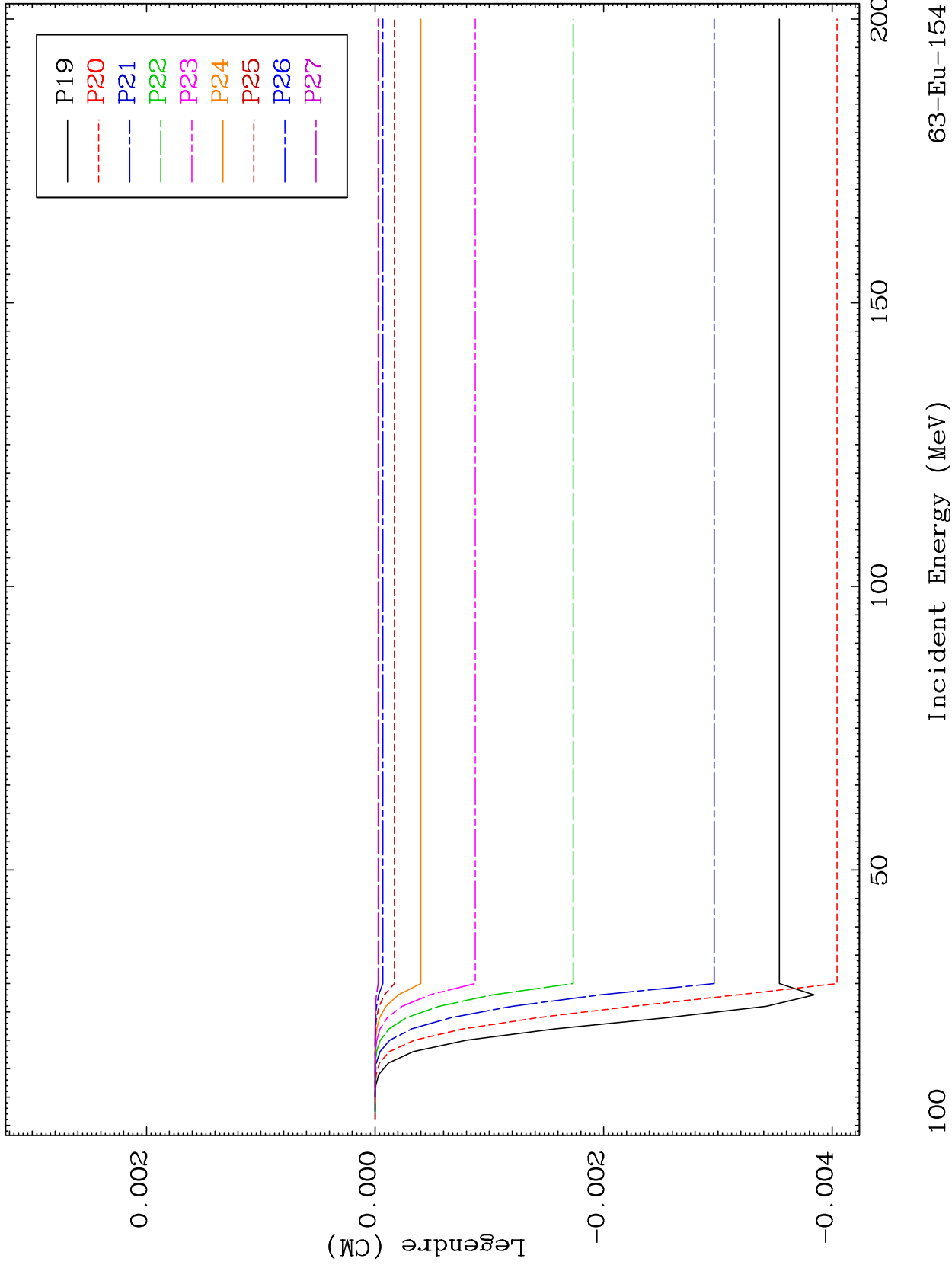
Incident Energy (MeV)

63-Eu-154

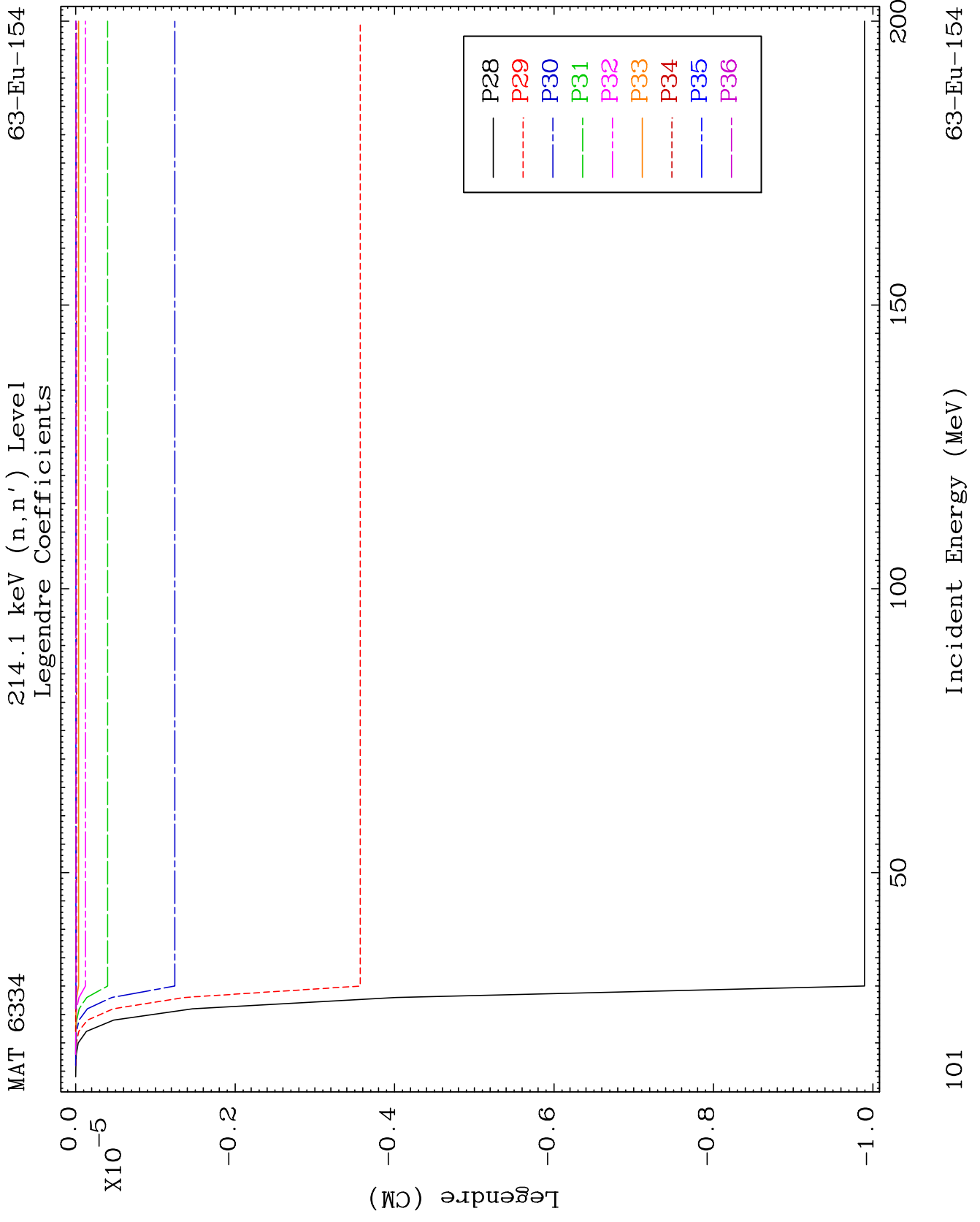
MAT 6334

214.1 keV (n,n') Level
Legendre Coefficients

63-Eu-154



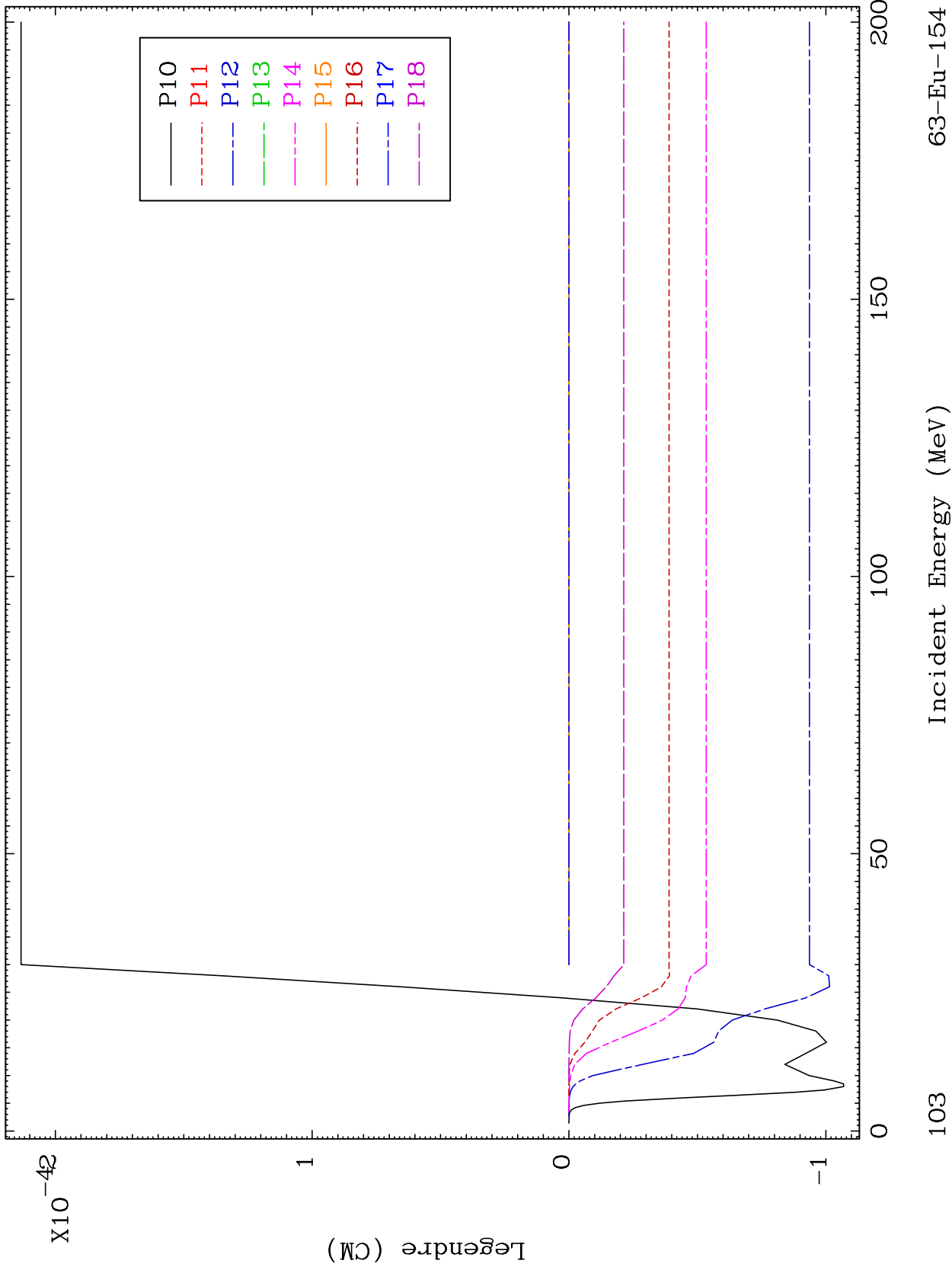
63-Eu-154



MAT 6334

219.5 keV (n,n') Level
Legendre Coefficients

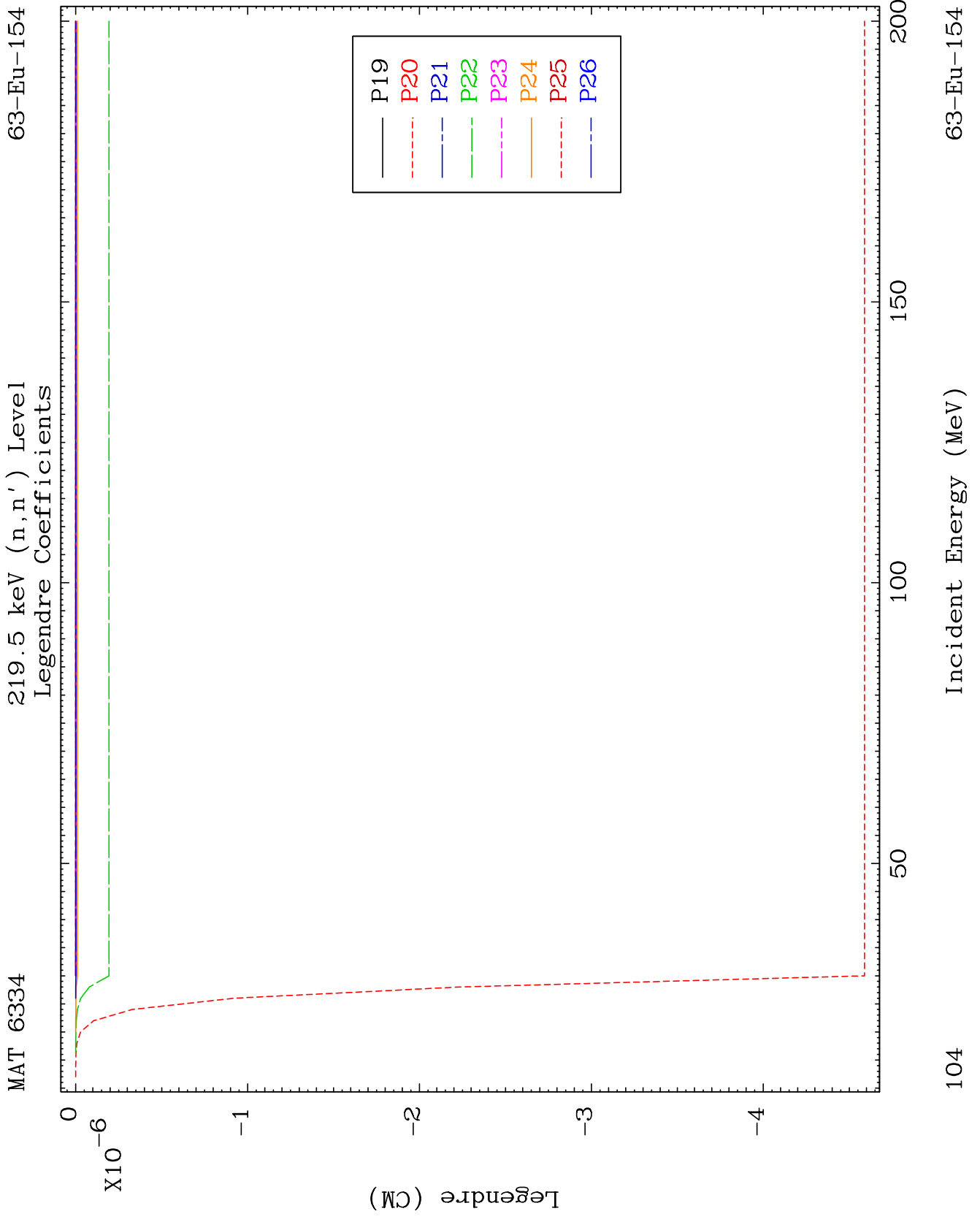
63-Eu-154

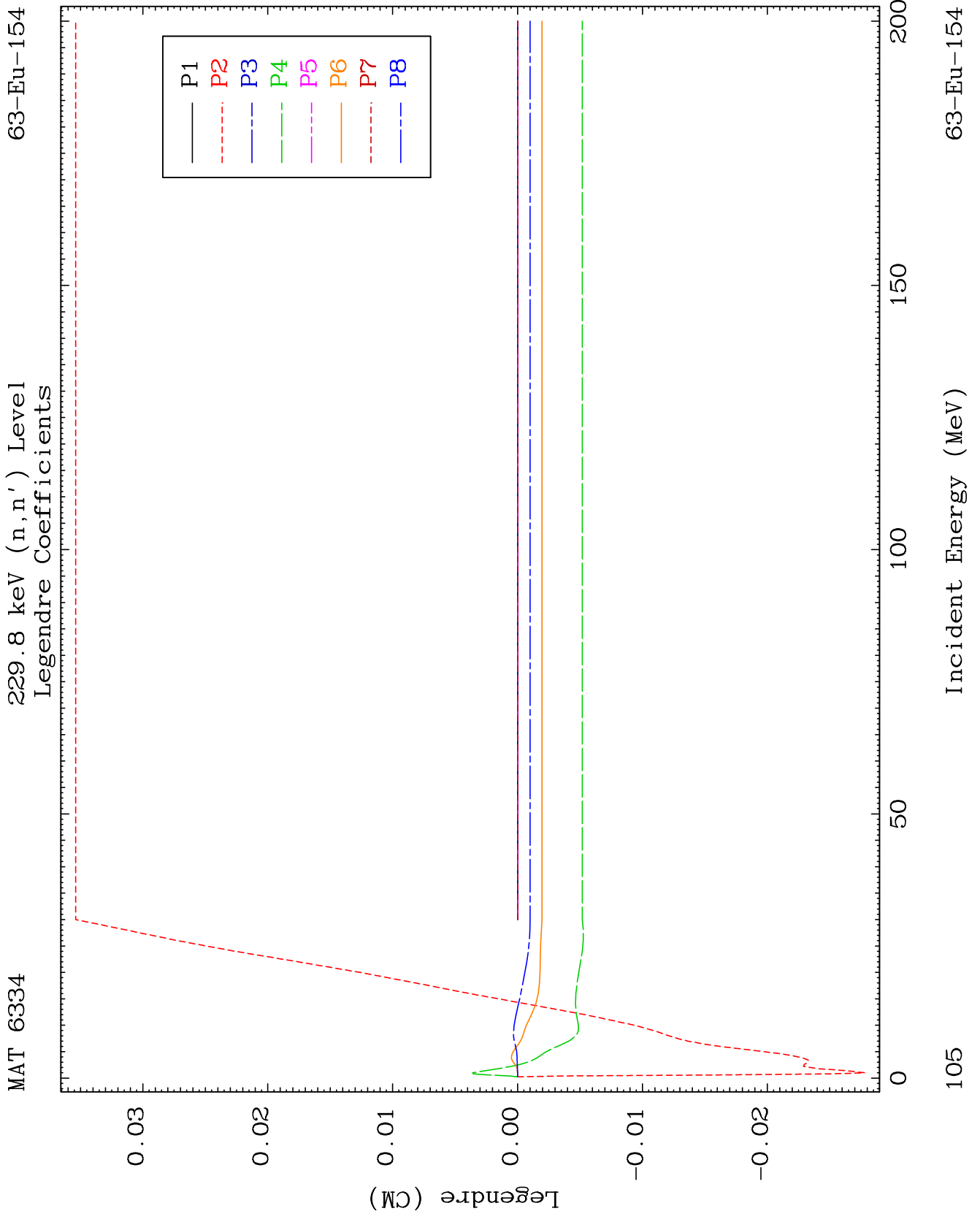


63-Eu-154

Incident Energy (MeV)

103

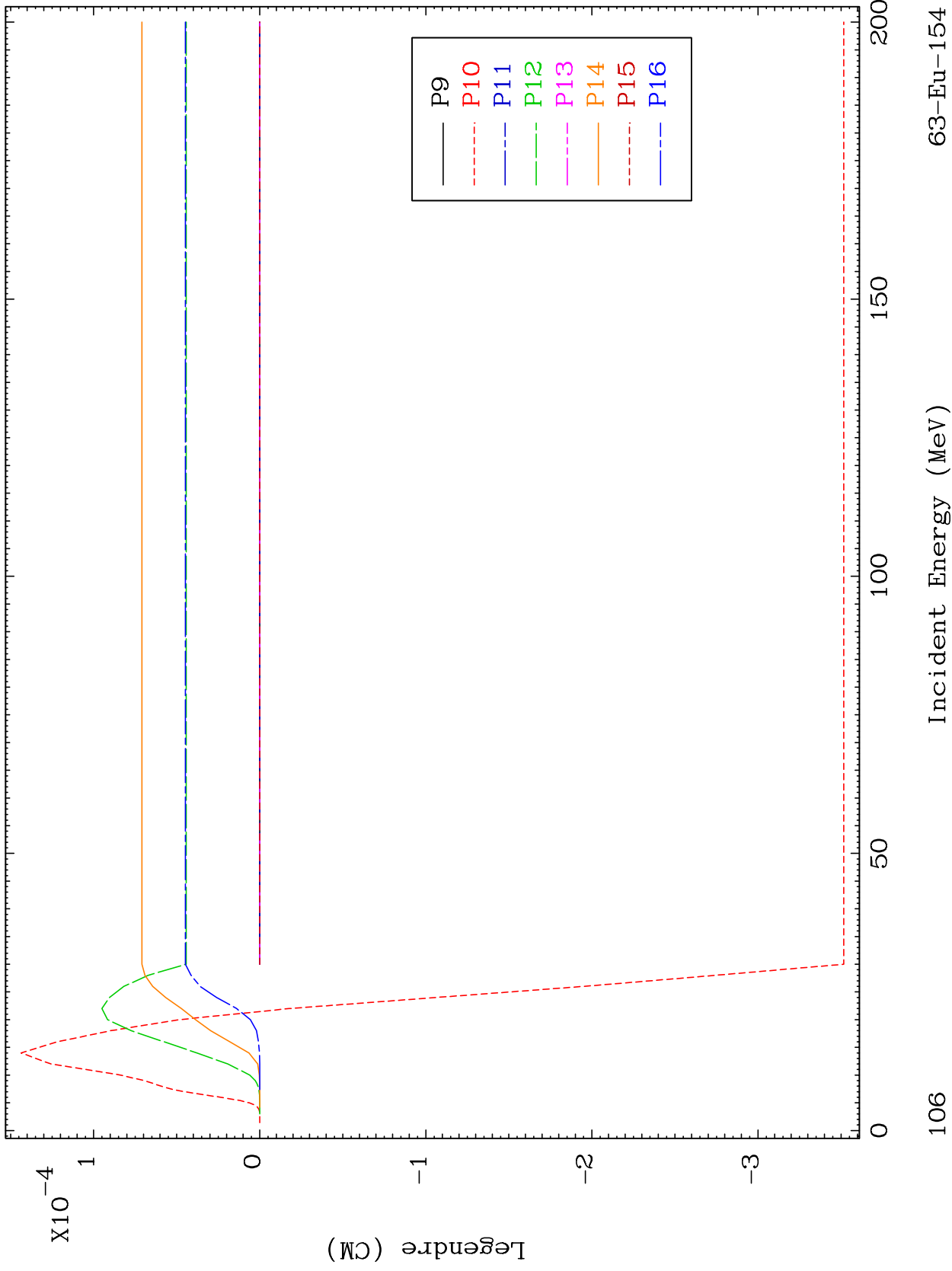




MAT 6334

229.8 keV (n,n') Level
Legendre Coefficients

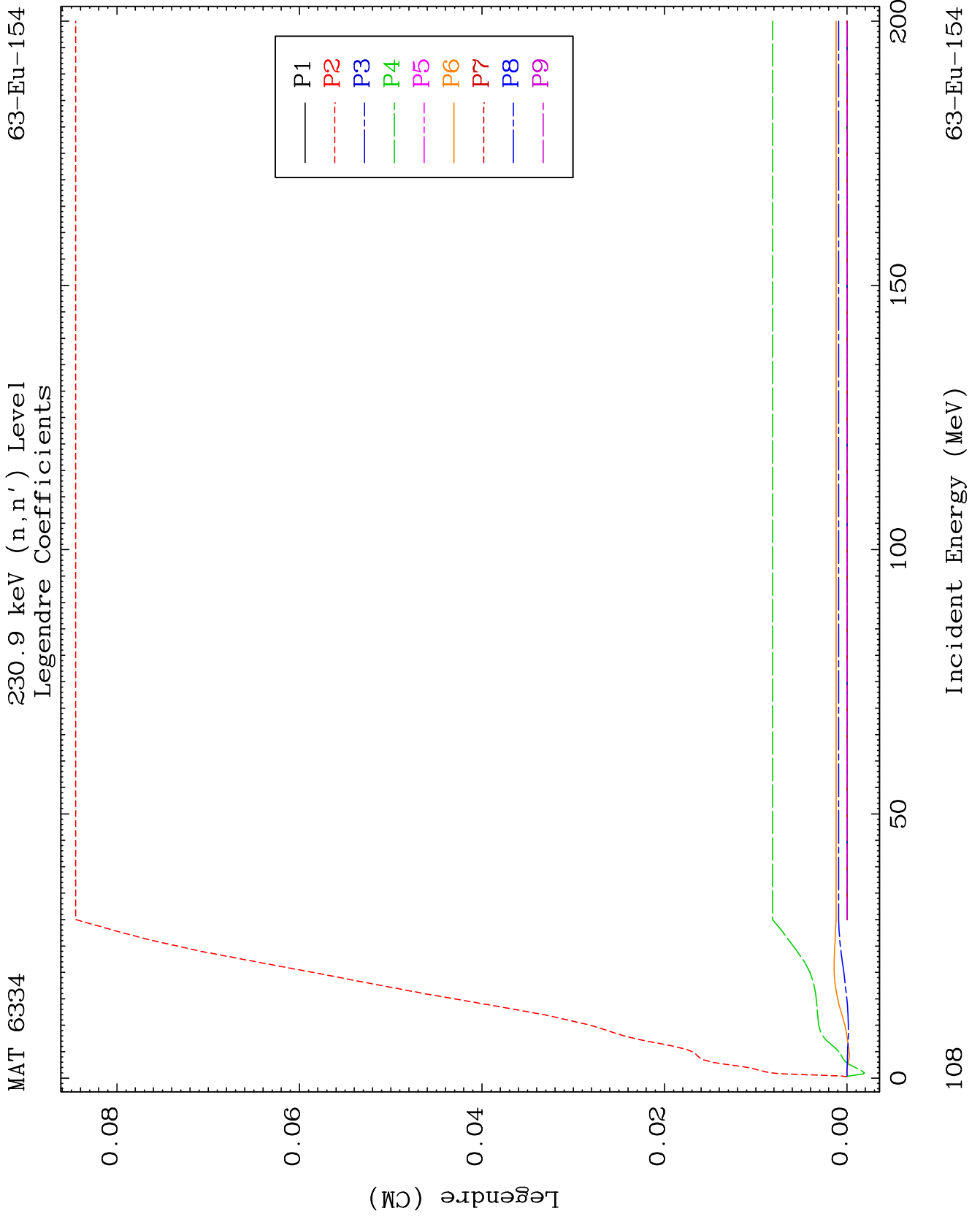
63-Eu-154



106

Incident Energy (MeV)

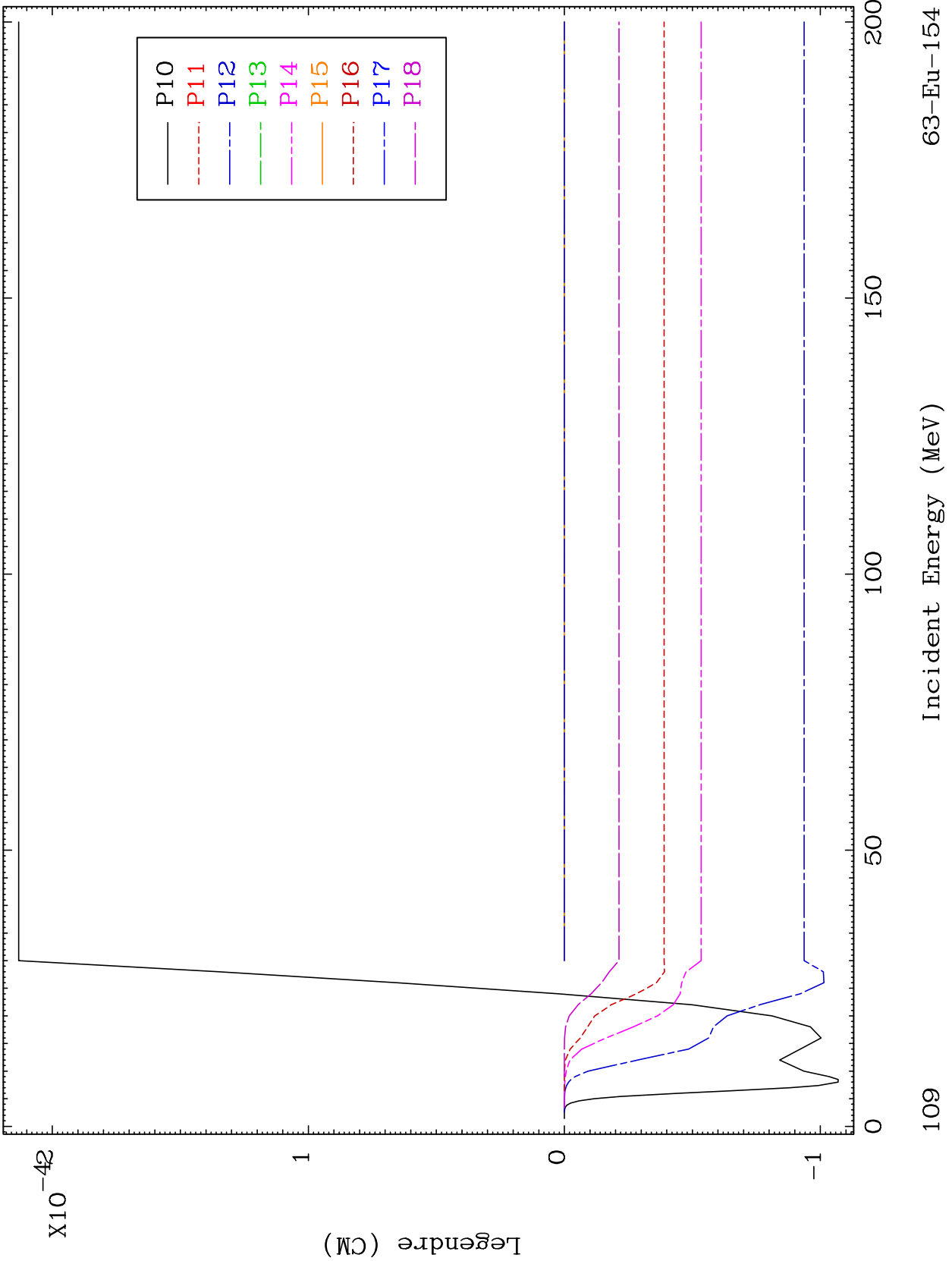
63-Eu-154



MAT 6334

230.9 keV (n,n') Level
Legendre Coefficients

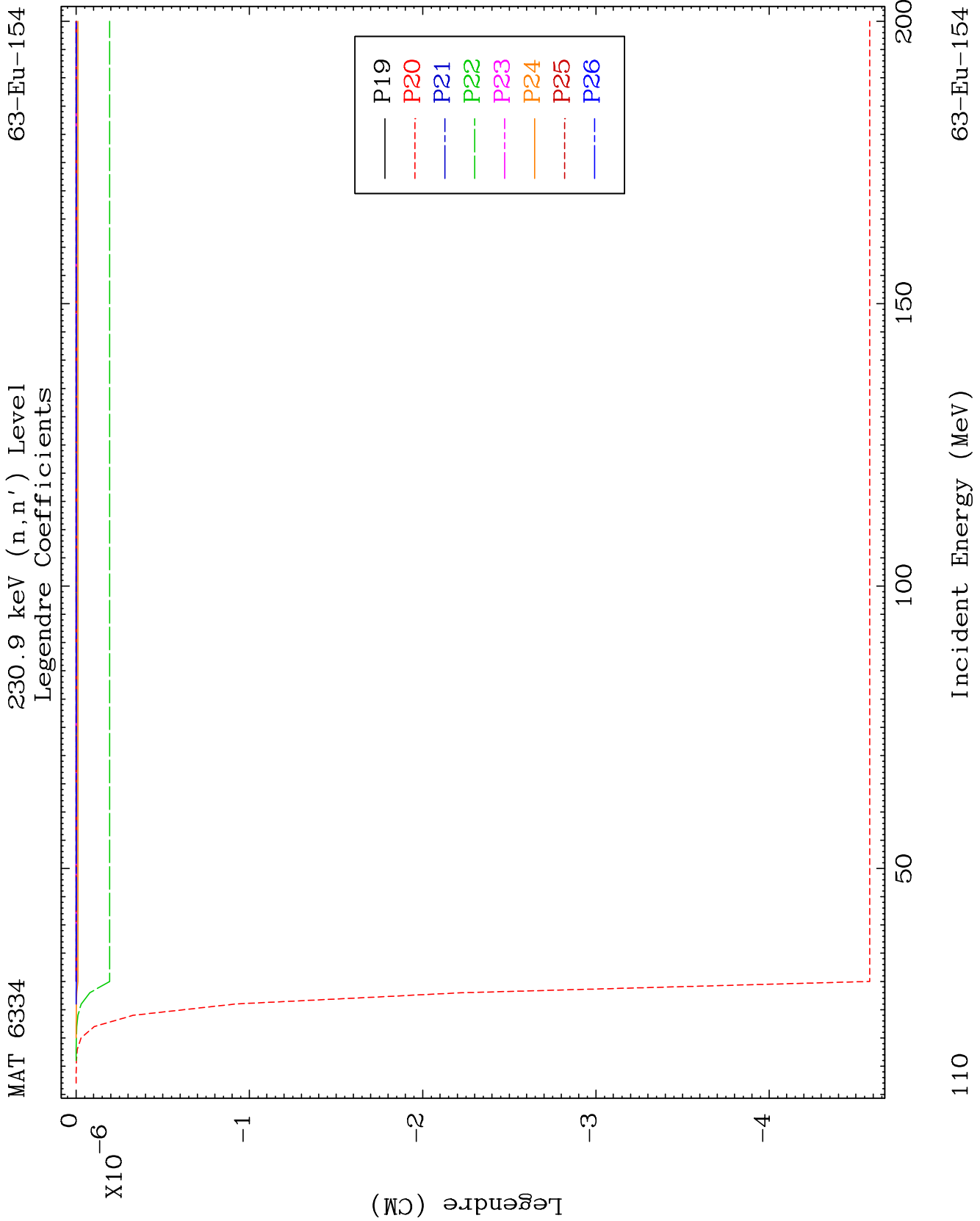
63-Eu-154

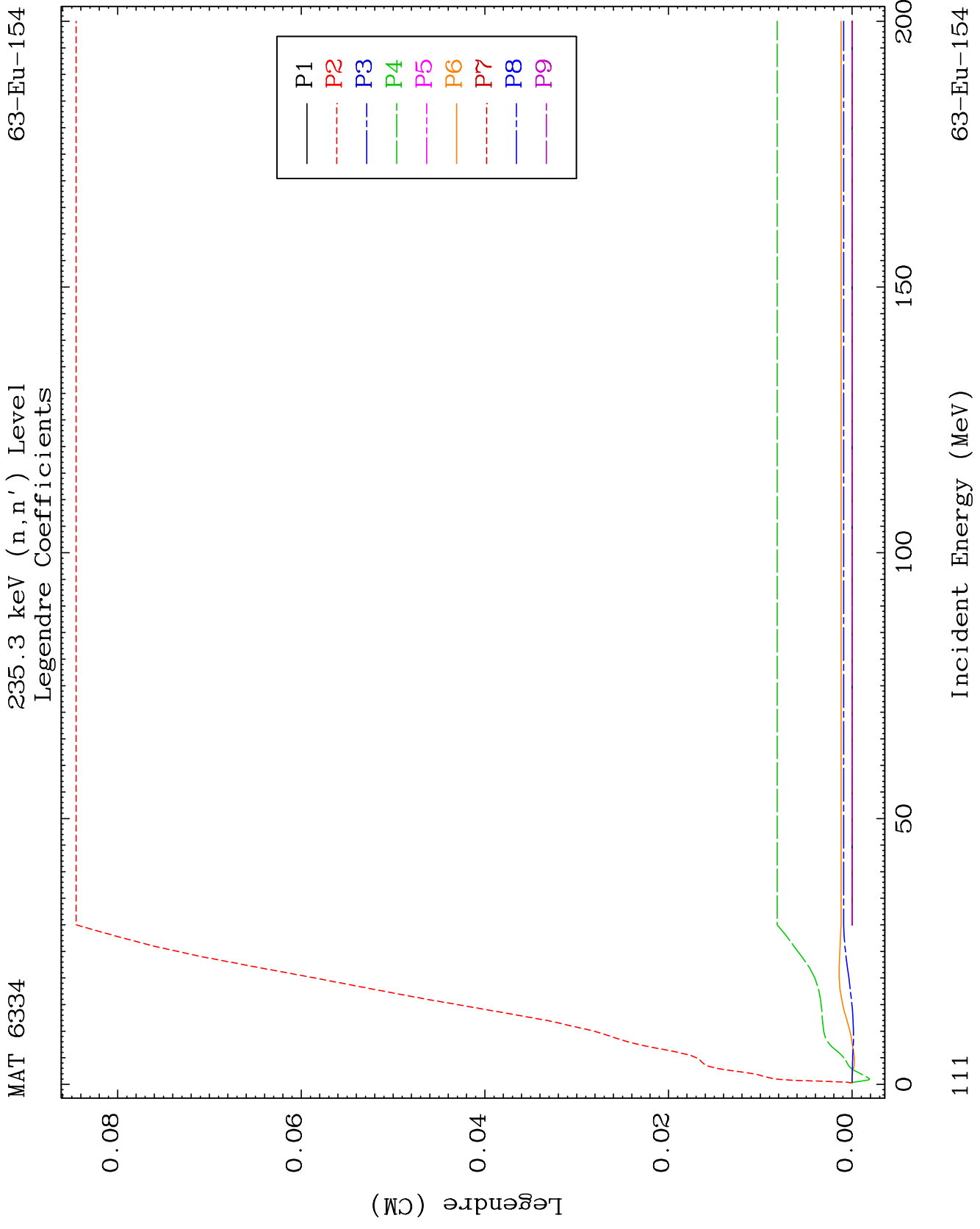


63-Eu-154

Incident Energy (MeV)

109

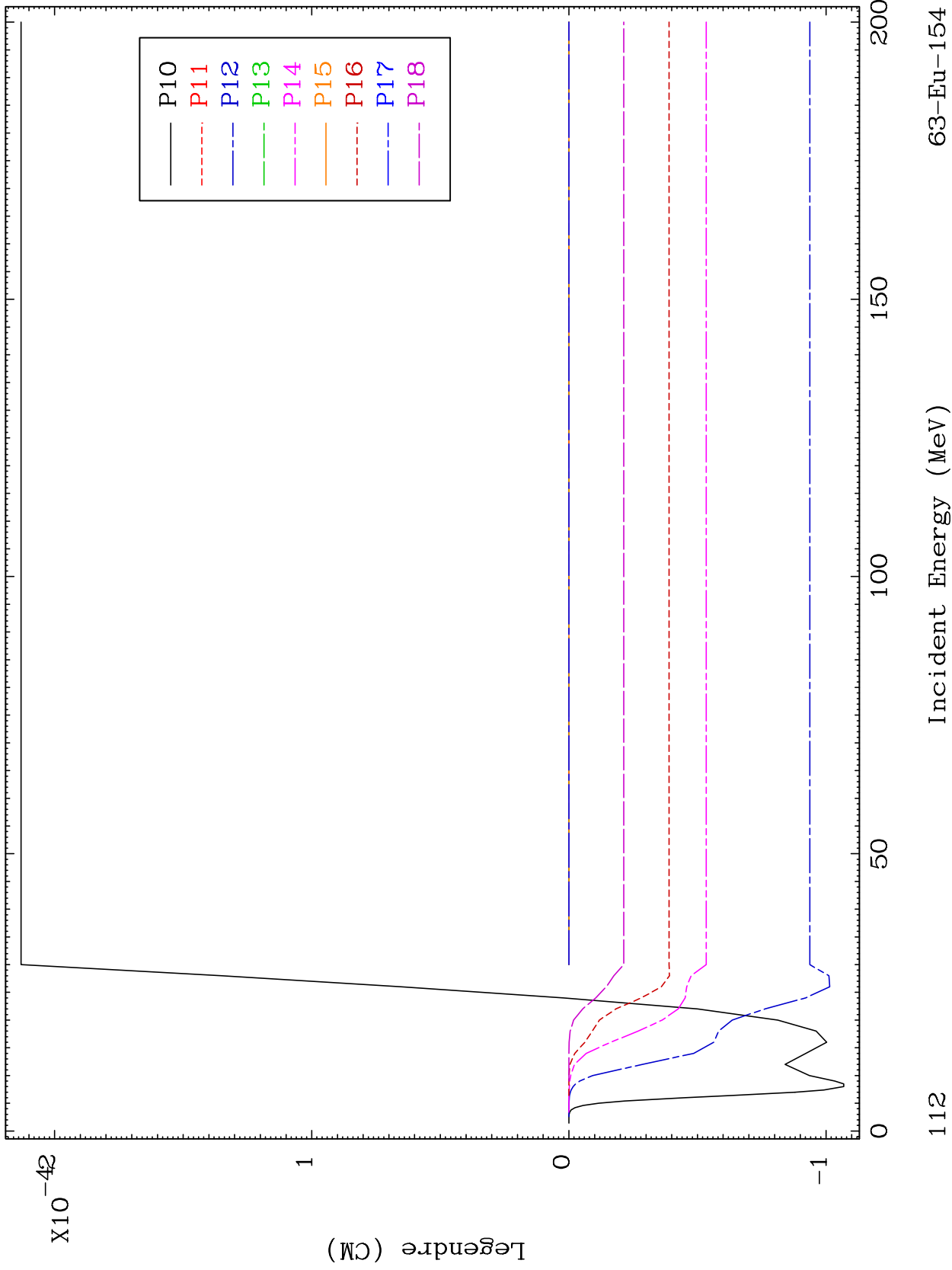




MAT 6334

235.3 keV (n,n') Level
Legendre Coefficients

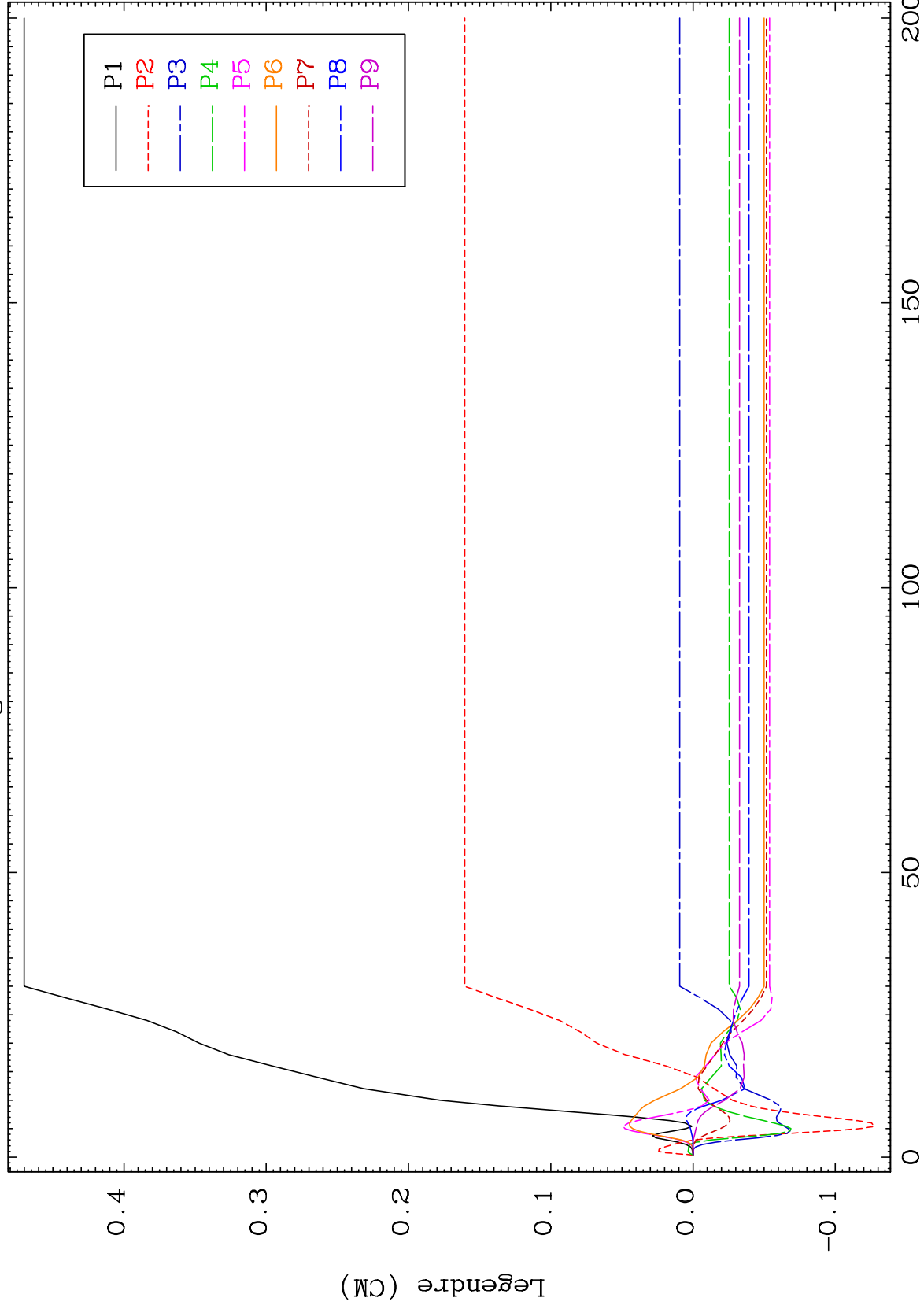
63-Eu-154



MAT 6334

239.3 keV (n,n') Level
Legendre Coefficients

63-Eu-154



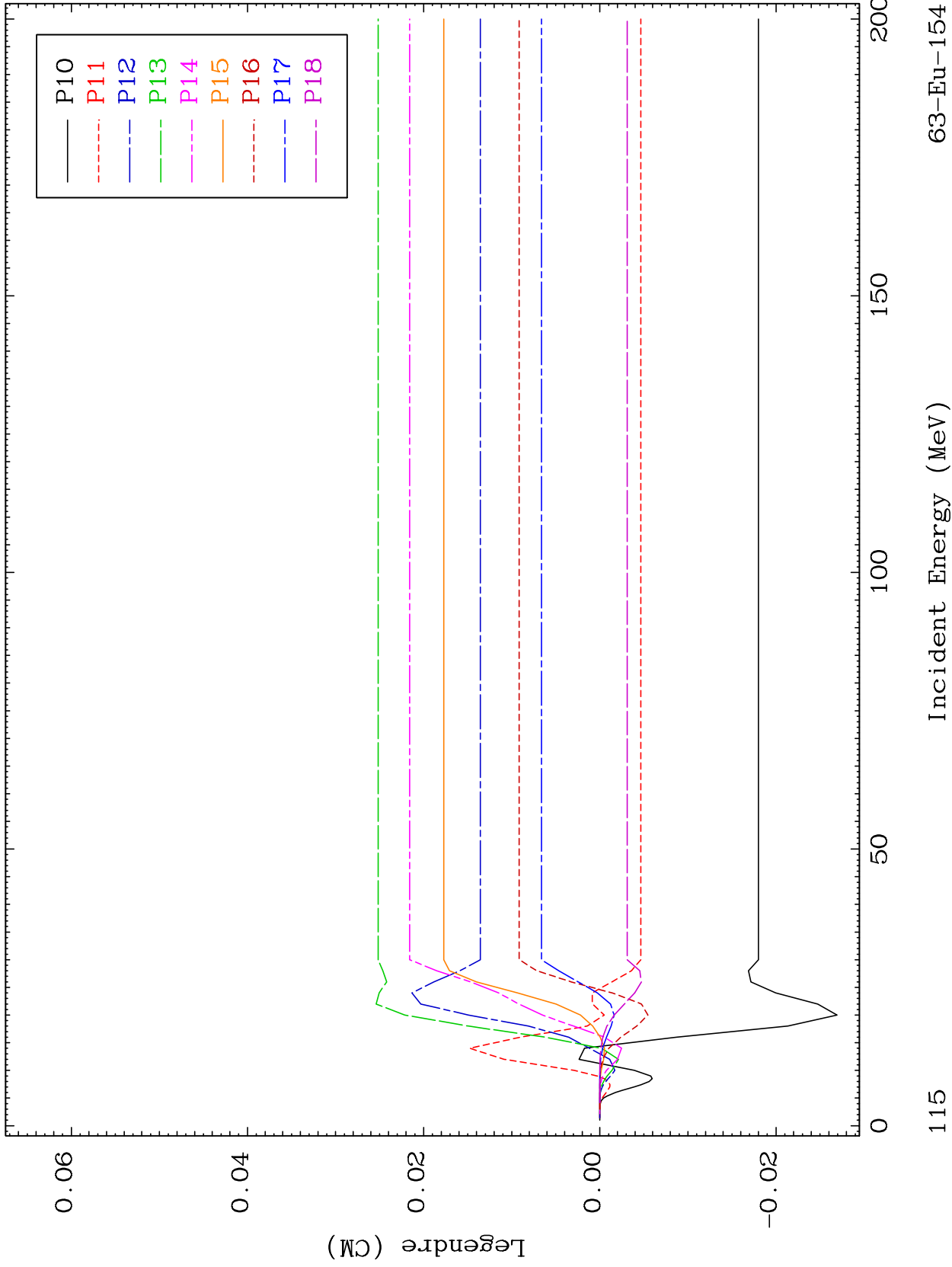
114

63-Eu-154

MAT 6334

239.3 keV (n,n') Level
Legendre Coefficients

63-Eu-154



63-Eu-154

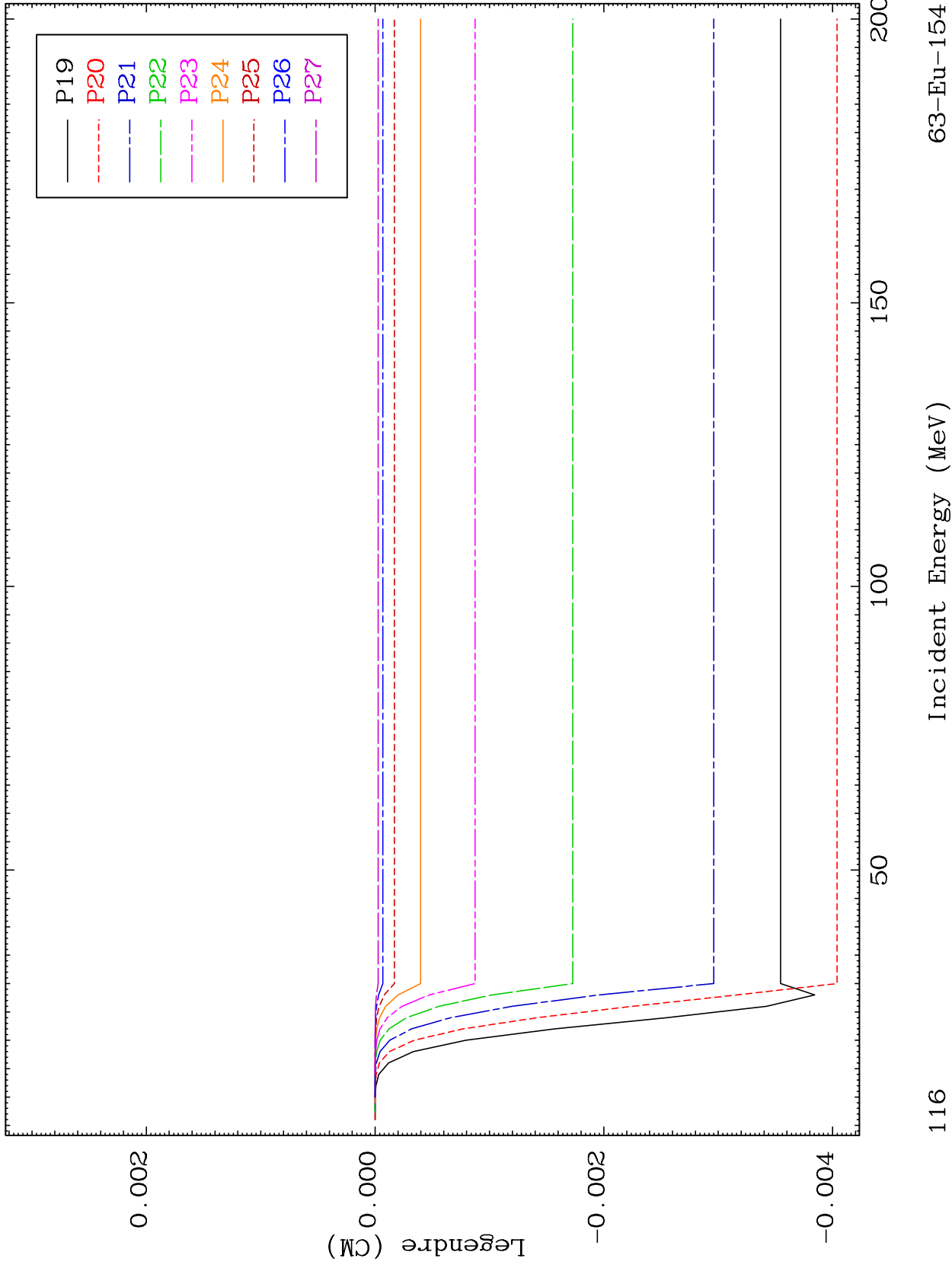
Incident Energy (MeV)

115

MAT 6334

239.3 keV (n,n') Level
Legendre Coefficients

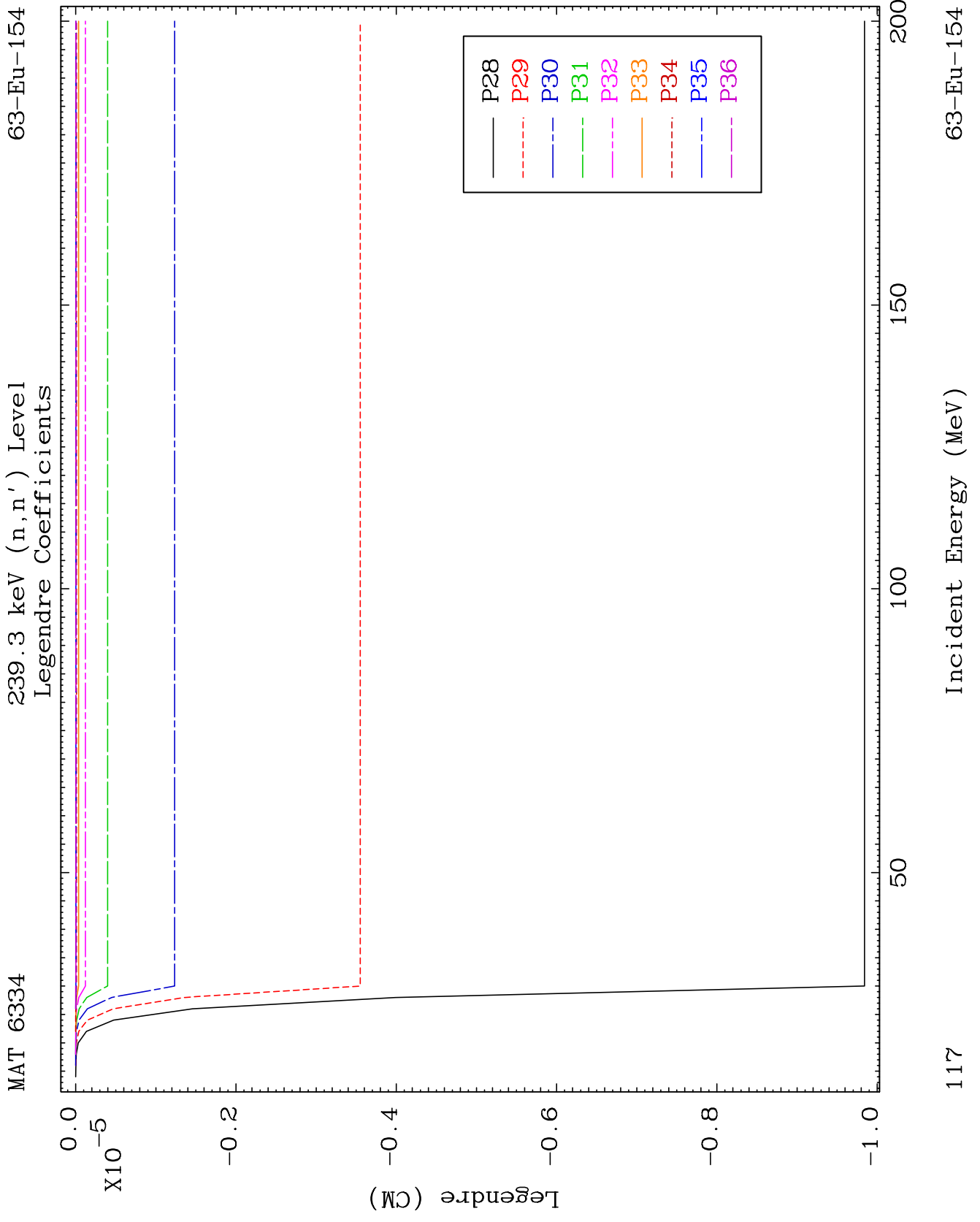
63-Eu-154

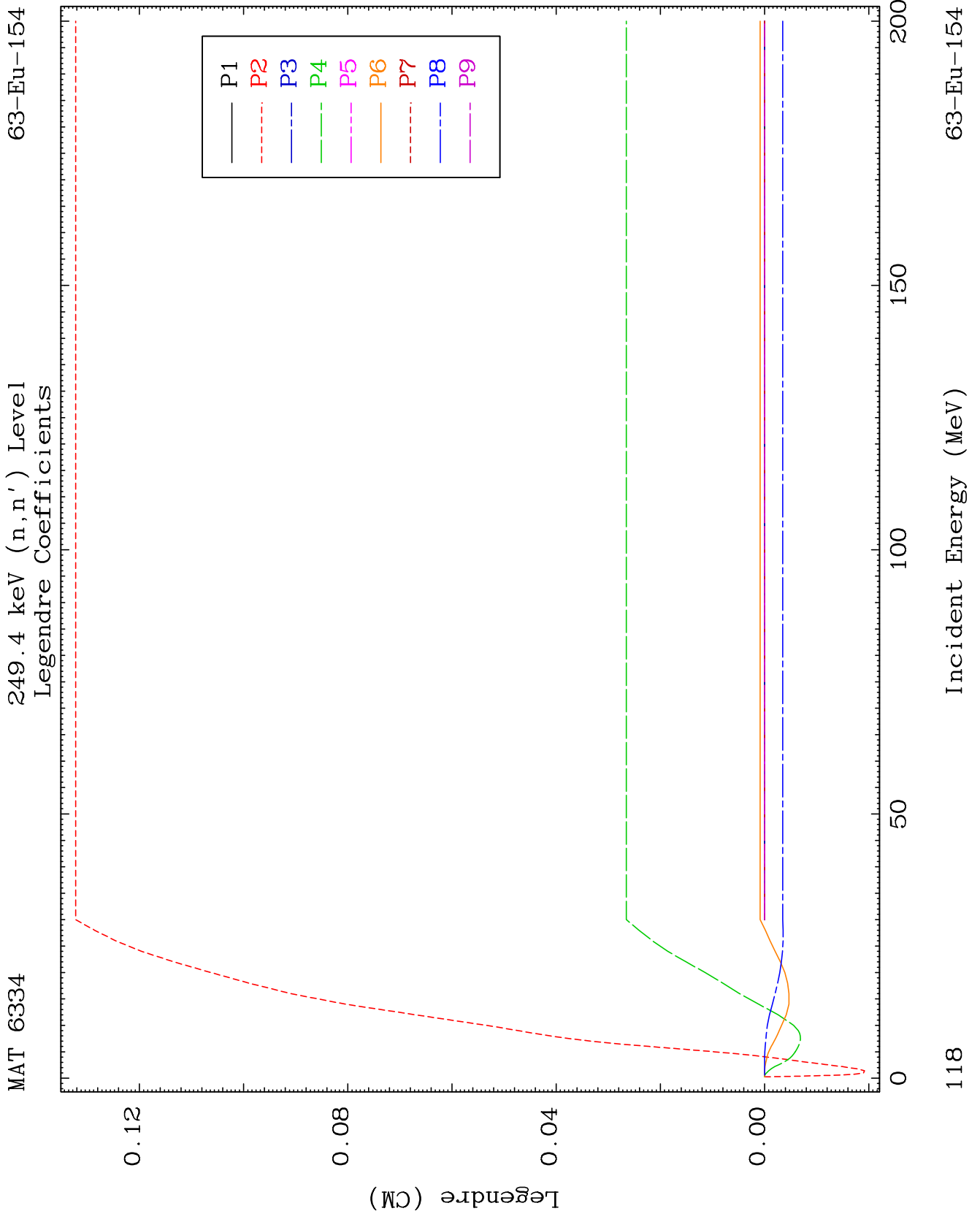


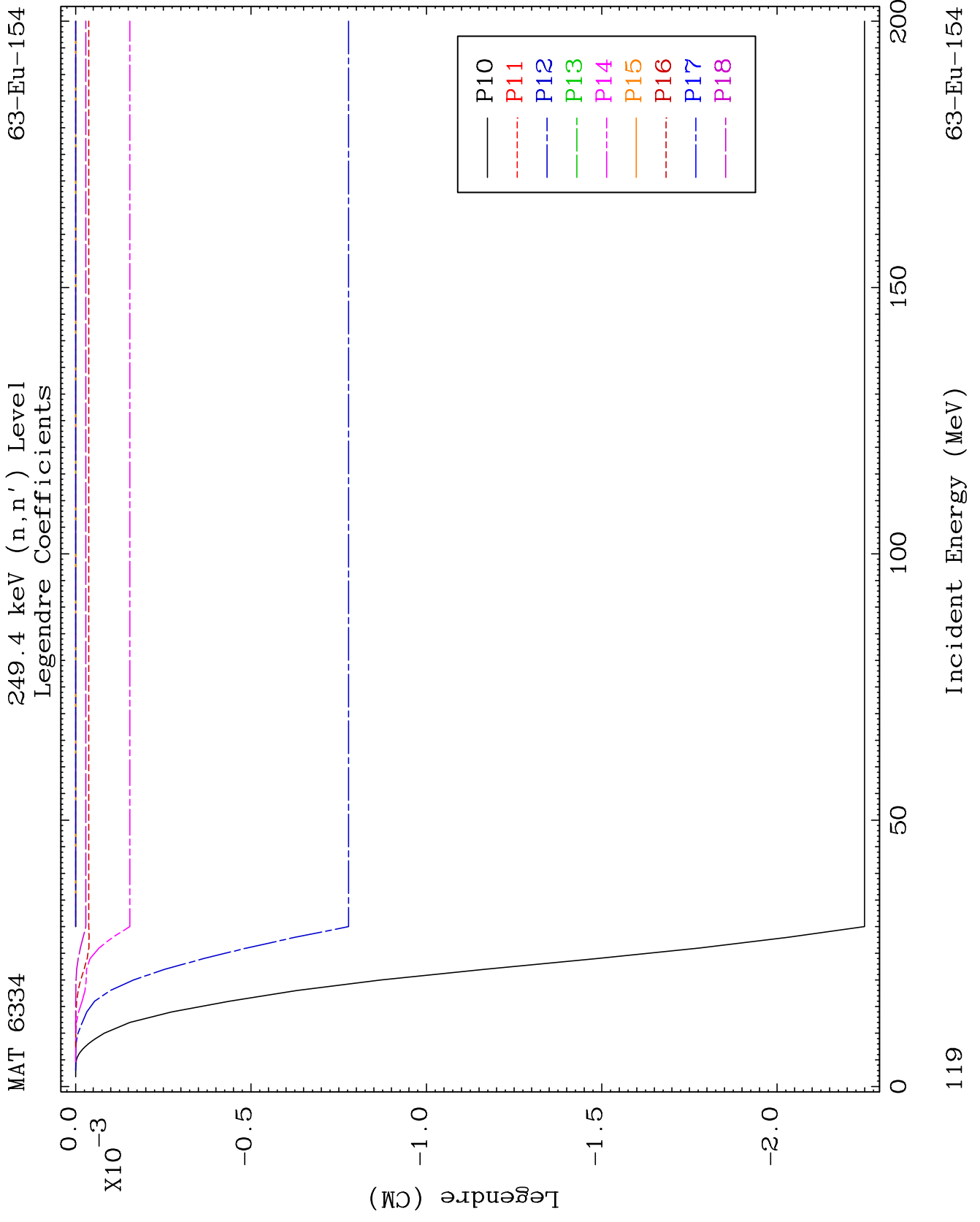
116

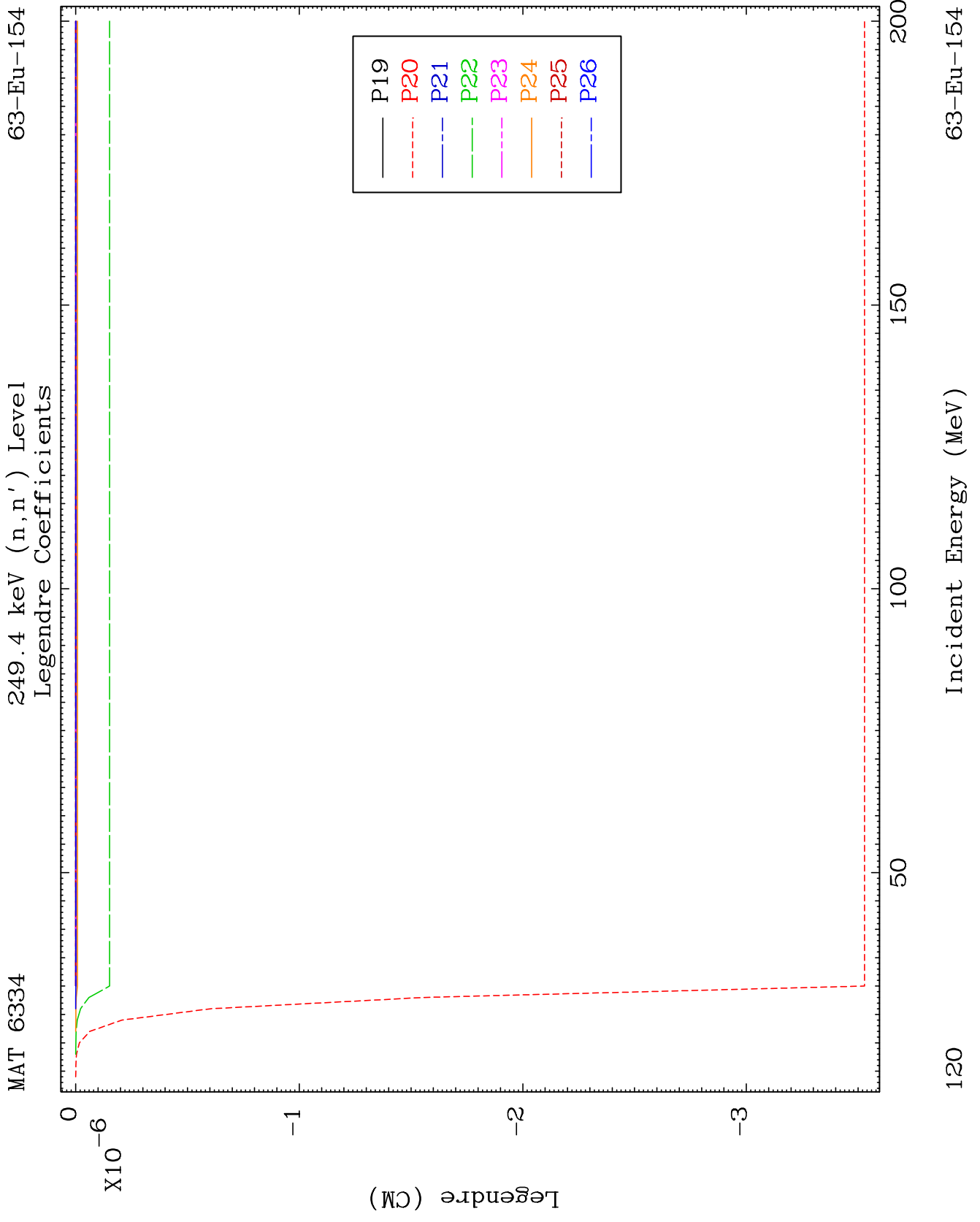
Incident Energy (MeV)

63-Eu-154





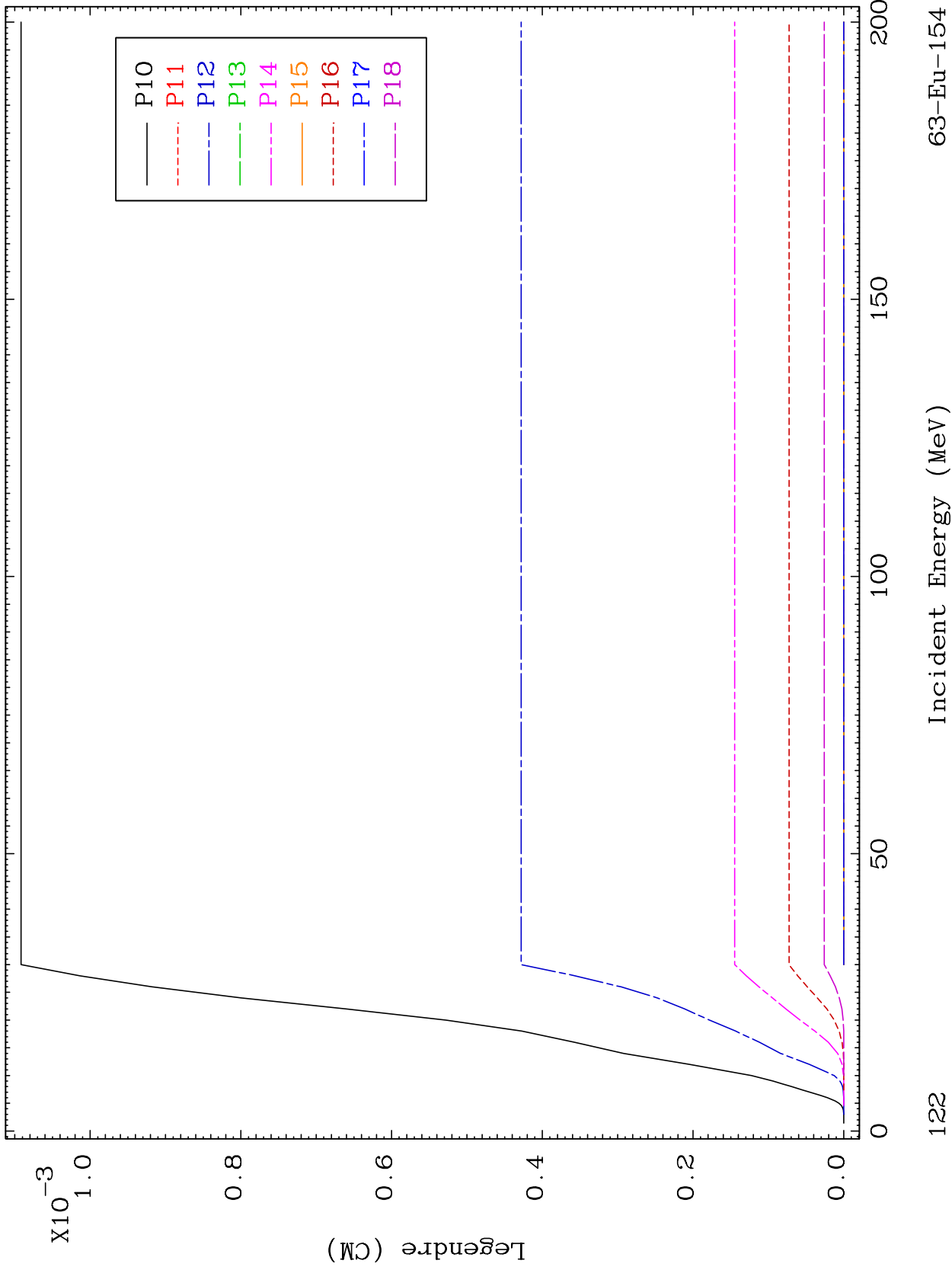




MAT 6334

251.8 keV (n,n') Level
Legendre Coefficients

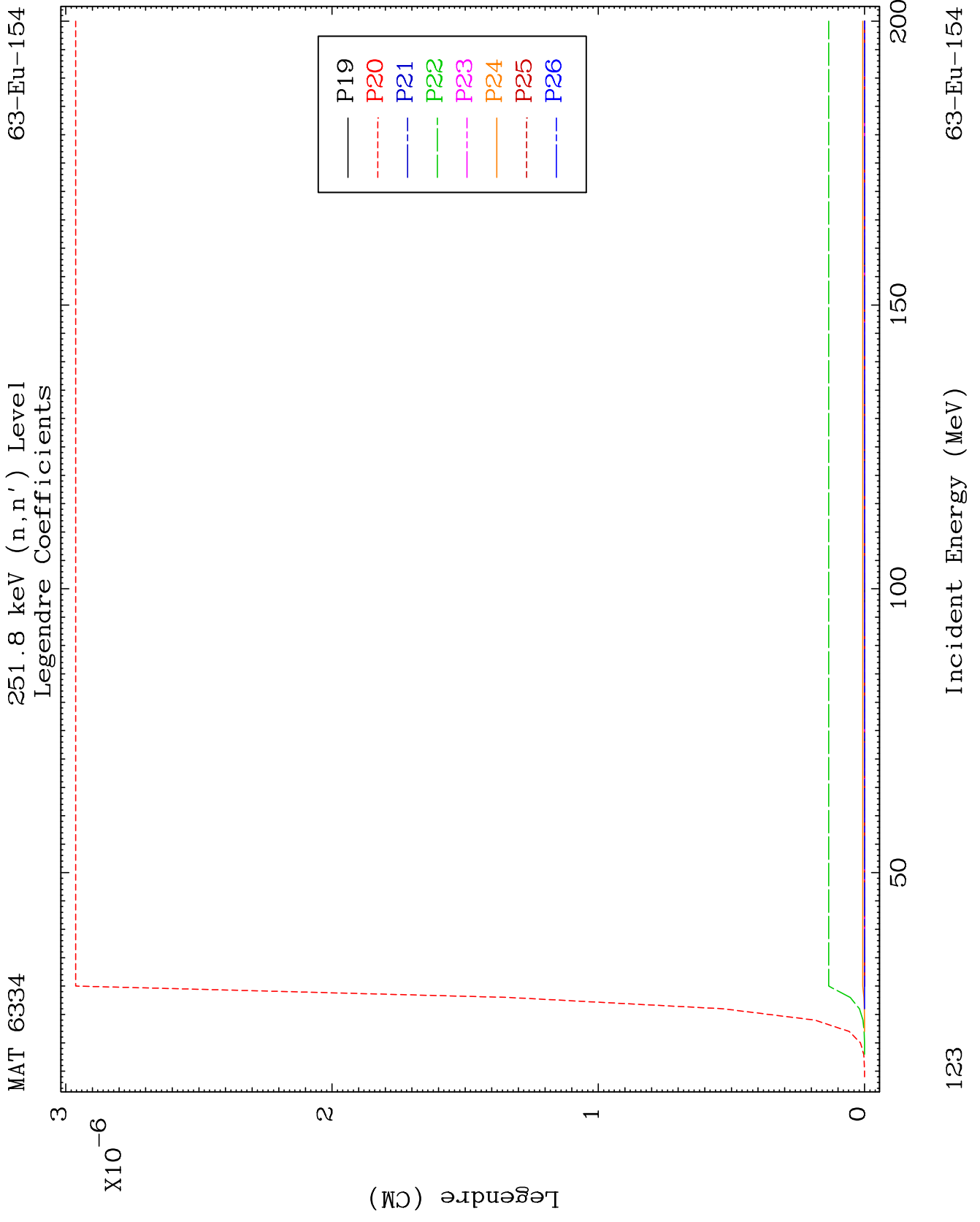
63-Eu-154



122

Incident Energy (MeV)

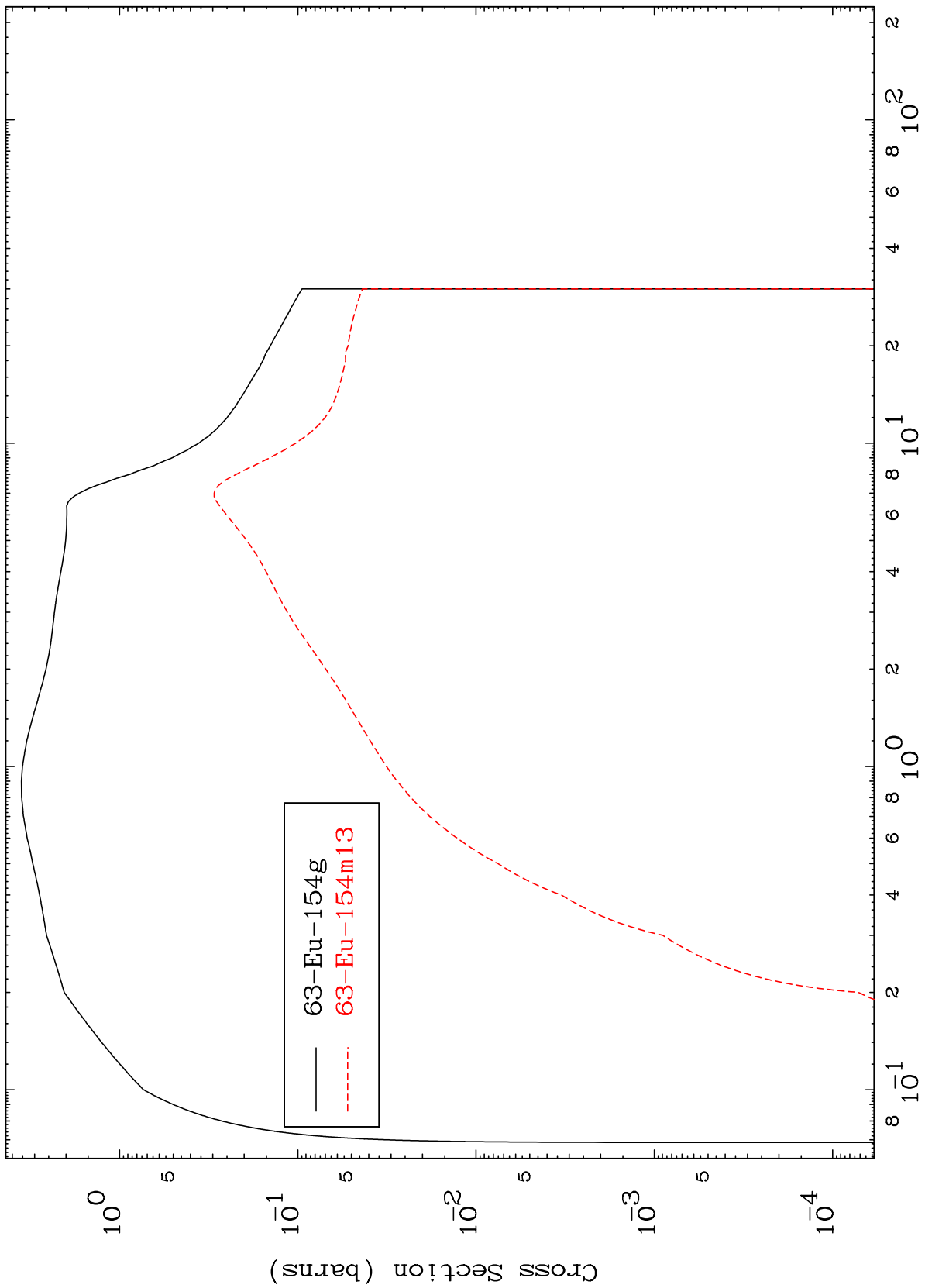
63-Eu-154



MAT 6334

63-Eu-154

Radionuclide Production Cross Section



124

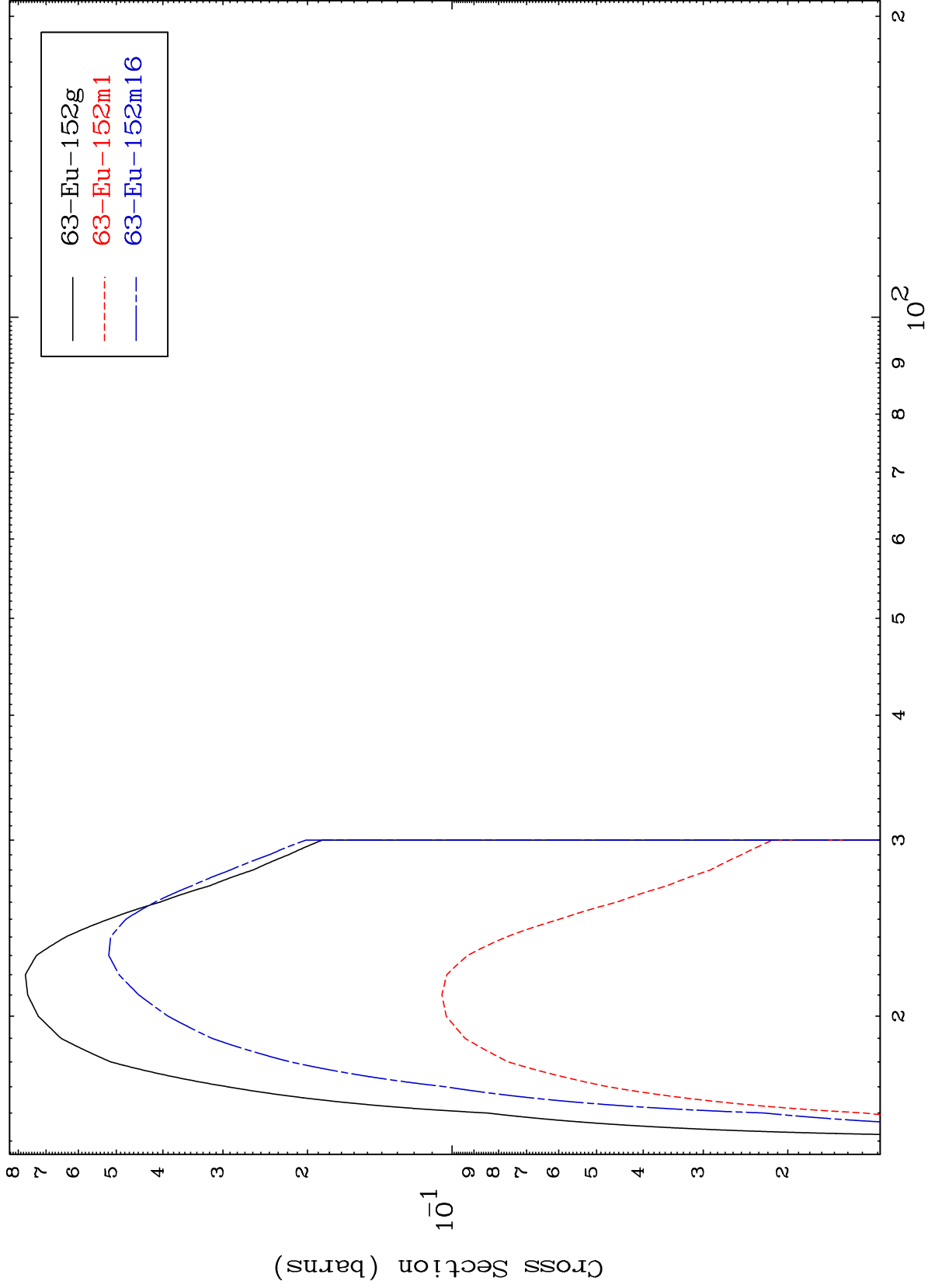
63-Eu-154

MAT 6334

(n,3n)

63-Eu-154

Radionuclide Production Cross Section

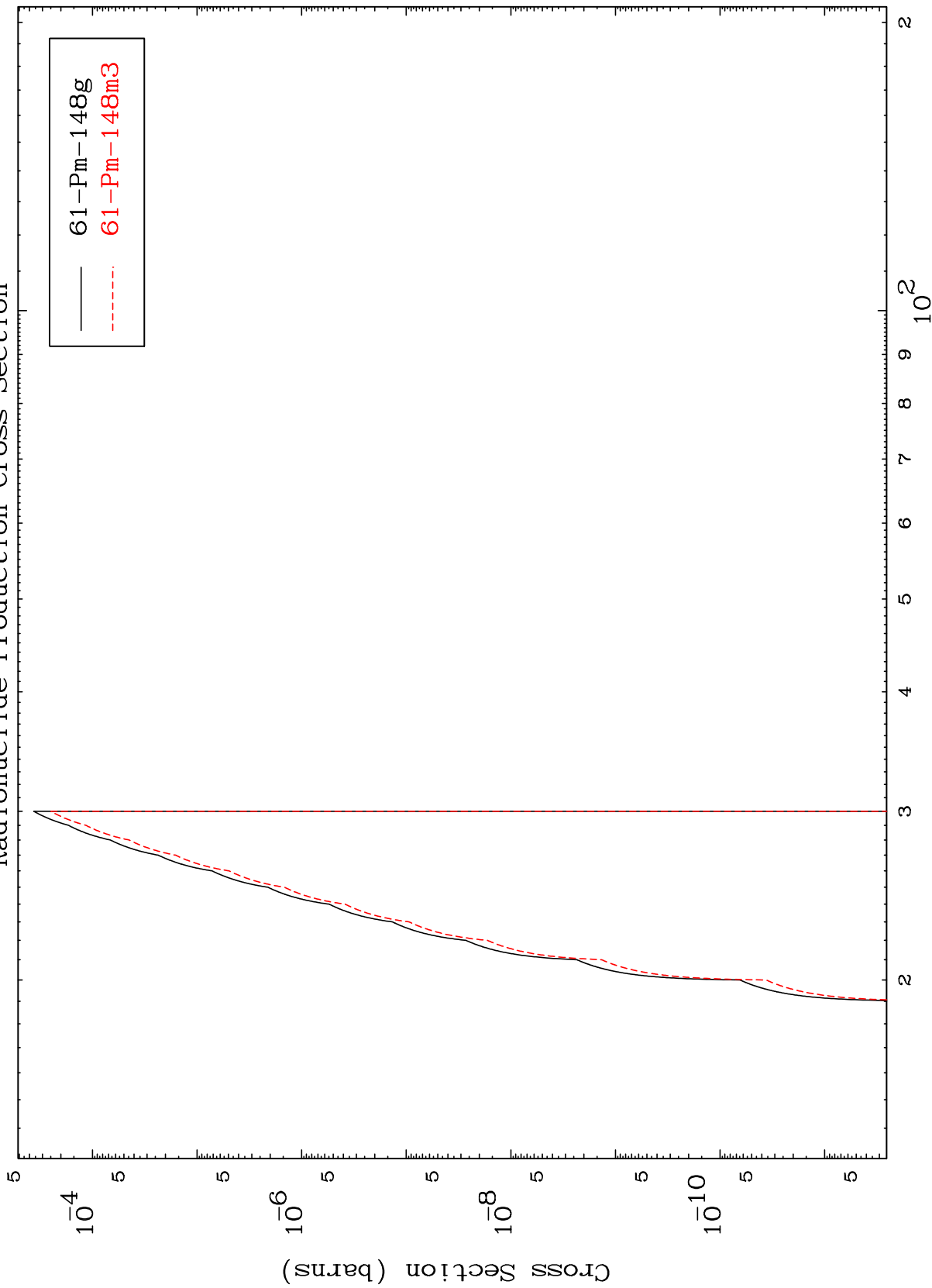


125

Incident Energy (MeV)

63-Eu-154

Radionuclide Production Cross Section

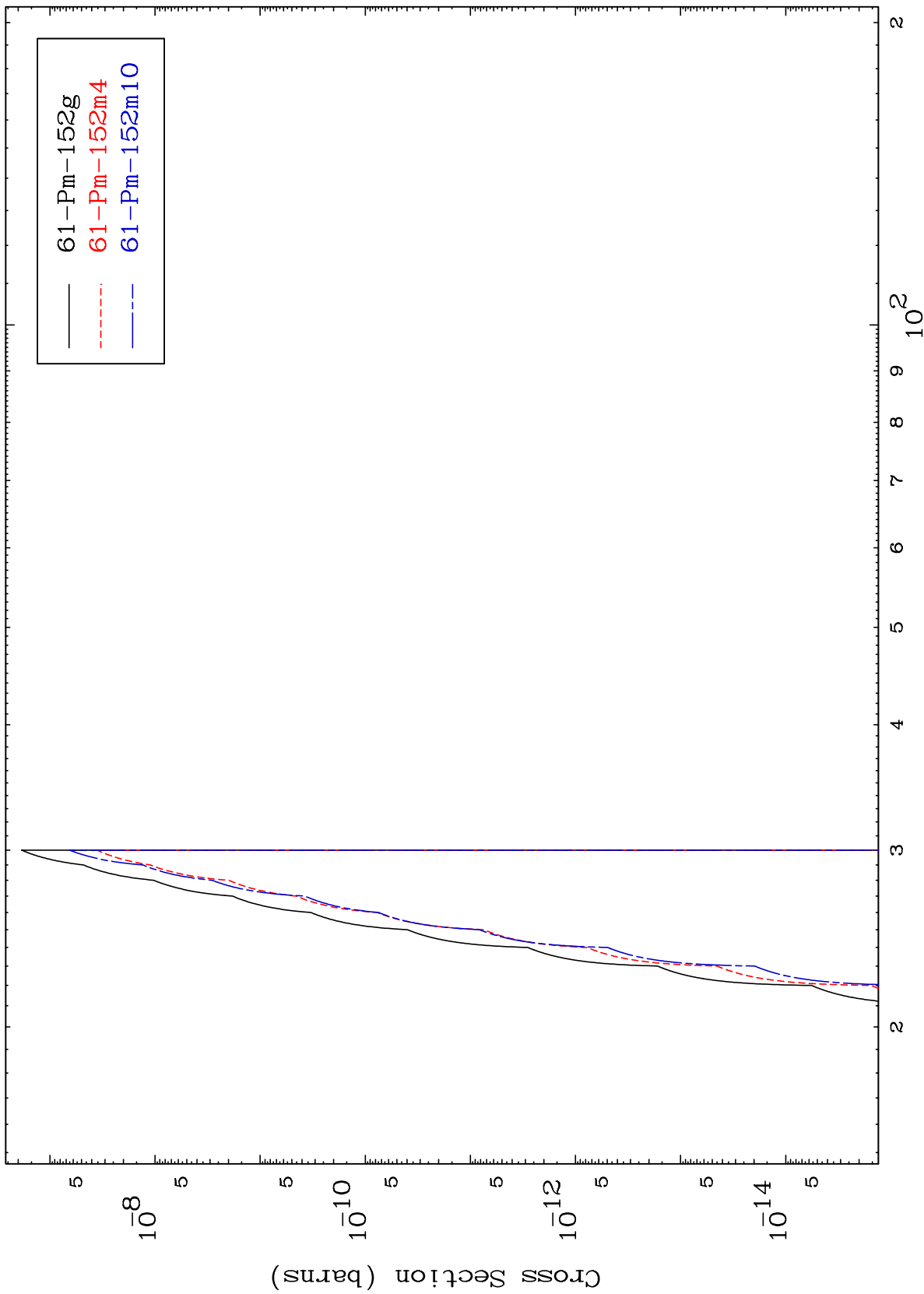


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(n,2n) p

63-Eu-154

Radionuclide Production Cross Section

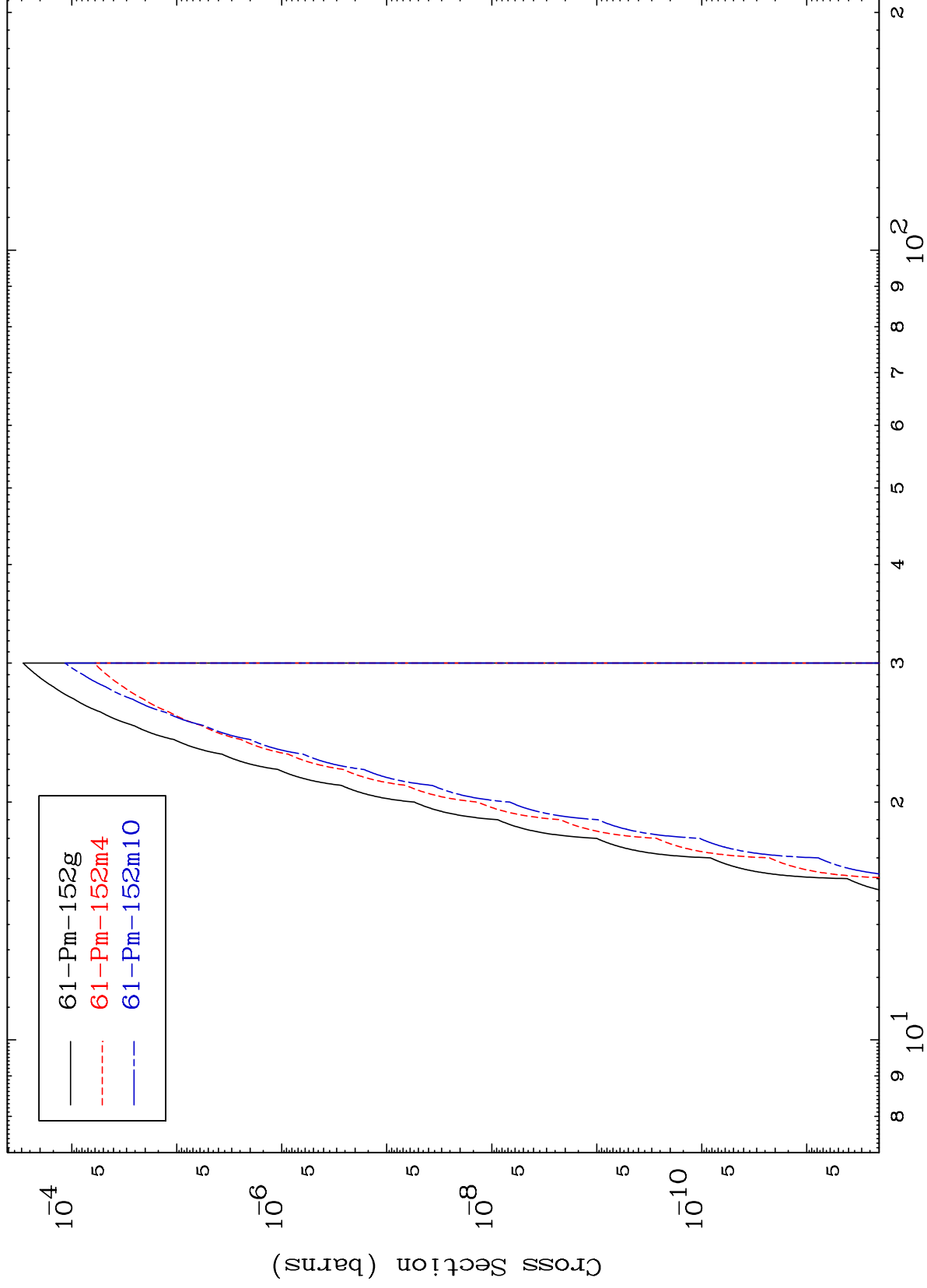


127

Incident Energy (MeV)

63-Eu-154

Radionuclide Production Cross Section



Radionuclide Production Cross Section

