

Program EVALPLOT
(Version 2015-2)

by

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(Present Contact Information)

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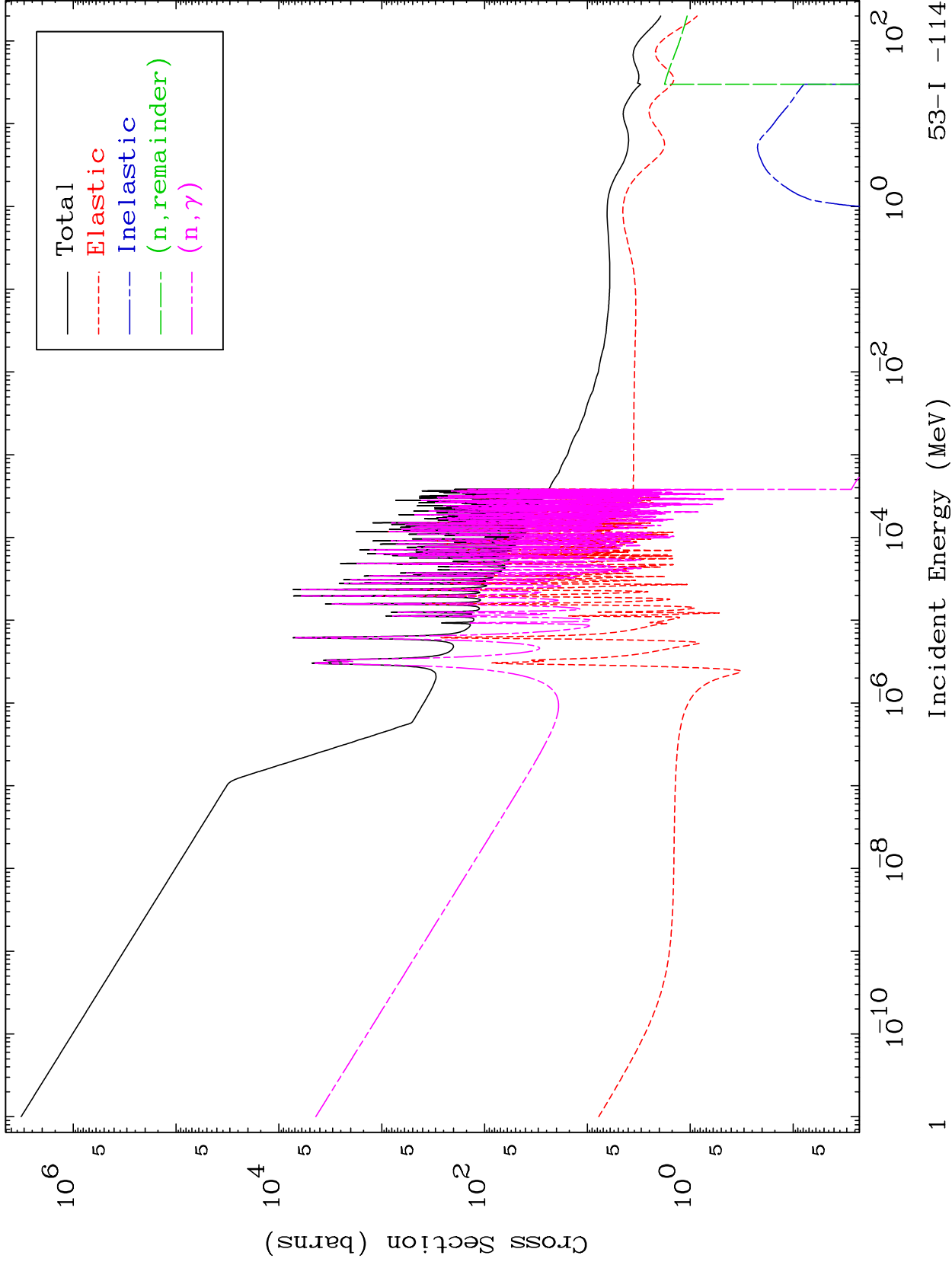
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5286

Major
293 Kelvin Cross Sections

53-I -114



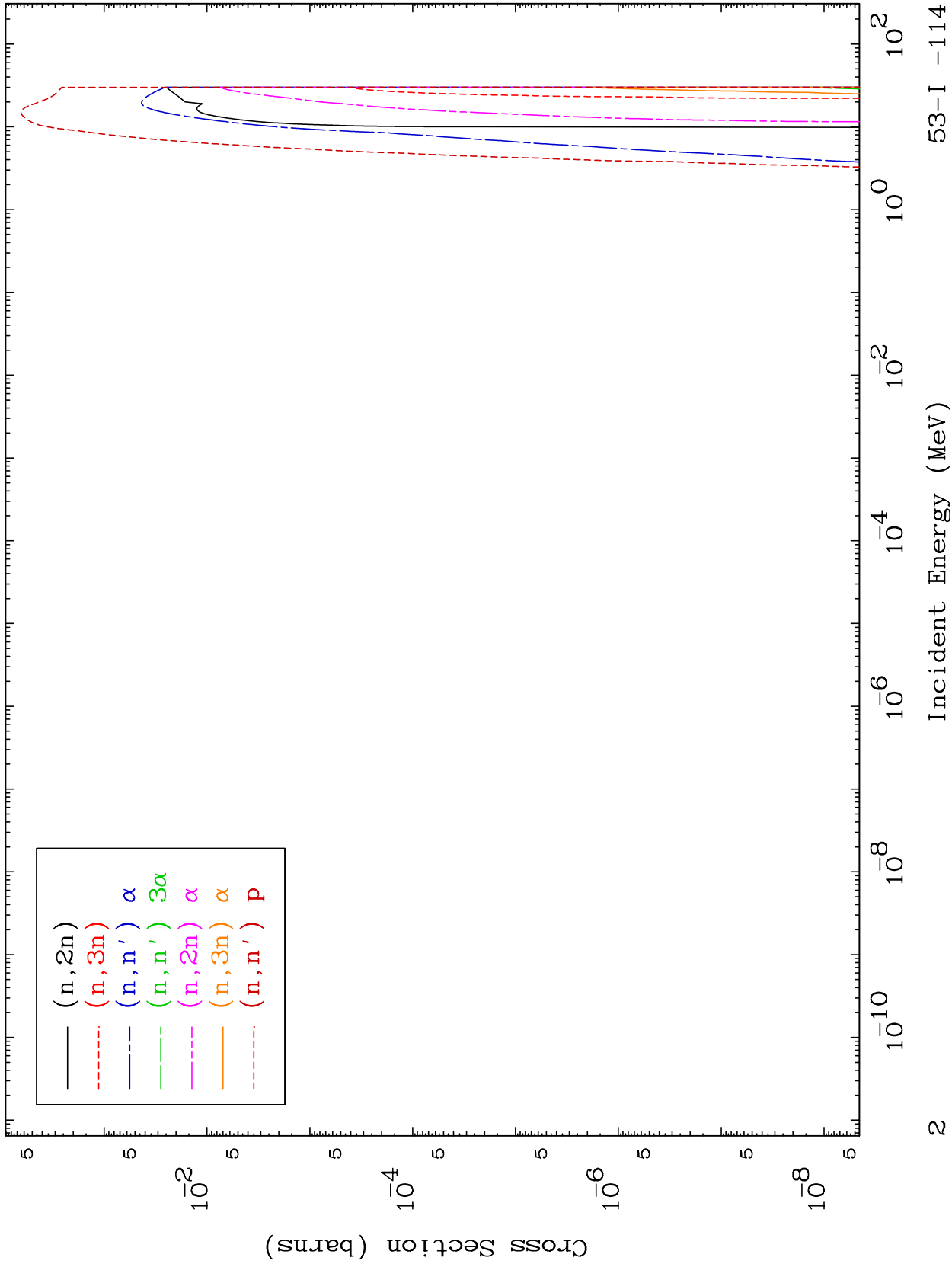
1

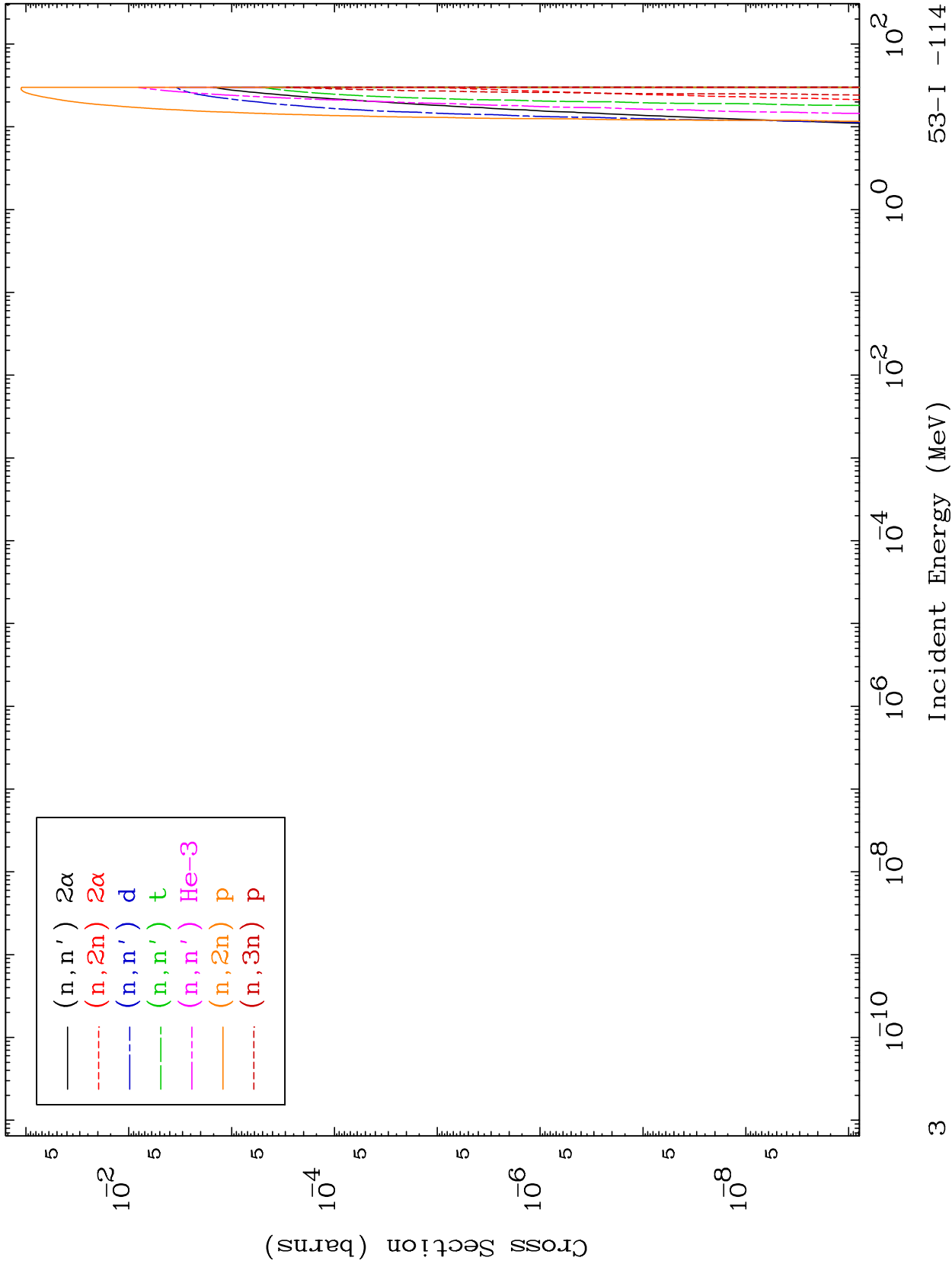
53-I -114

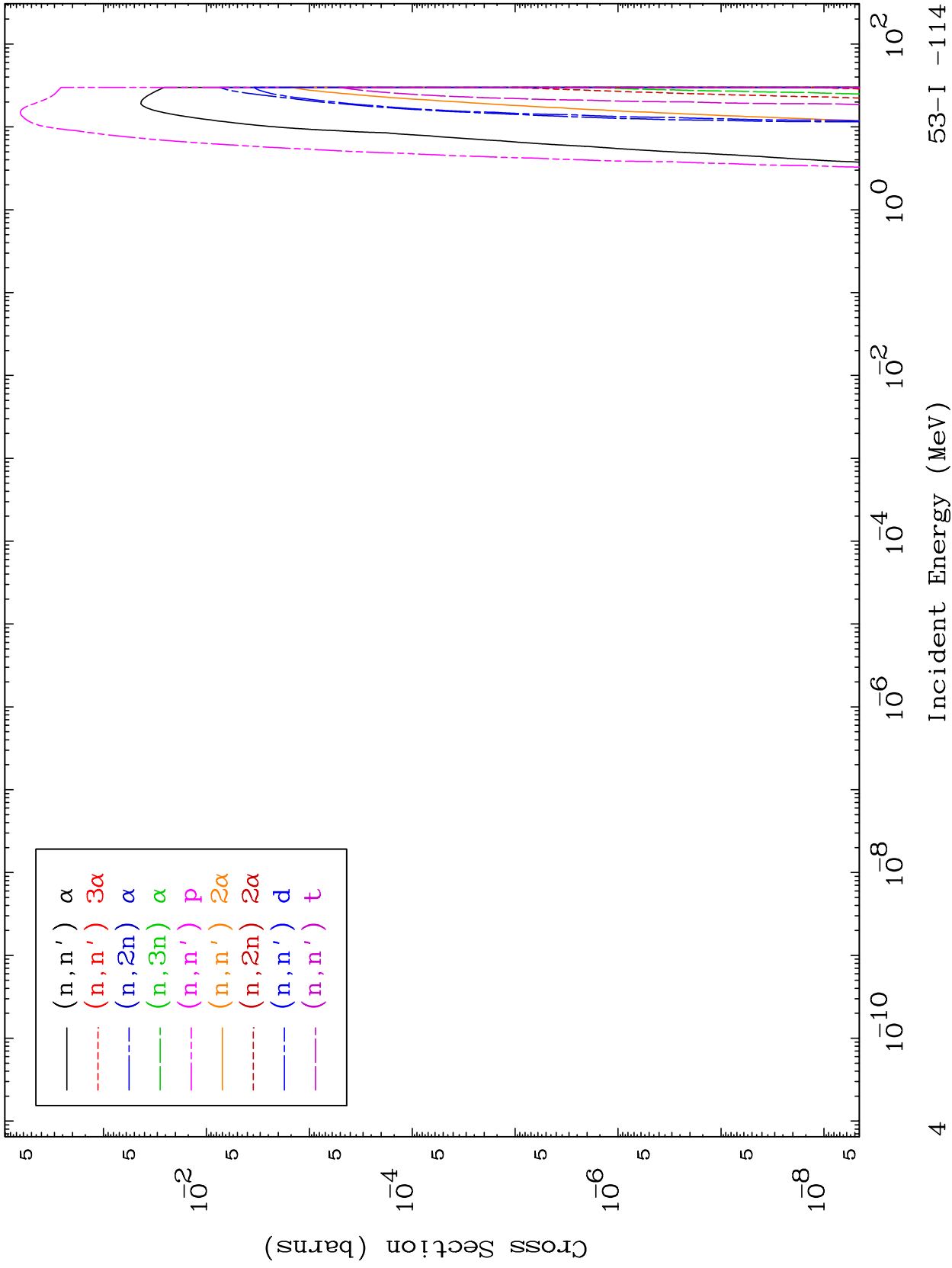
MAT 5286

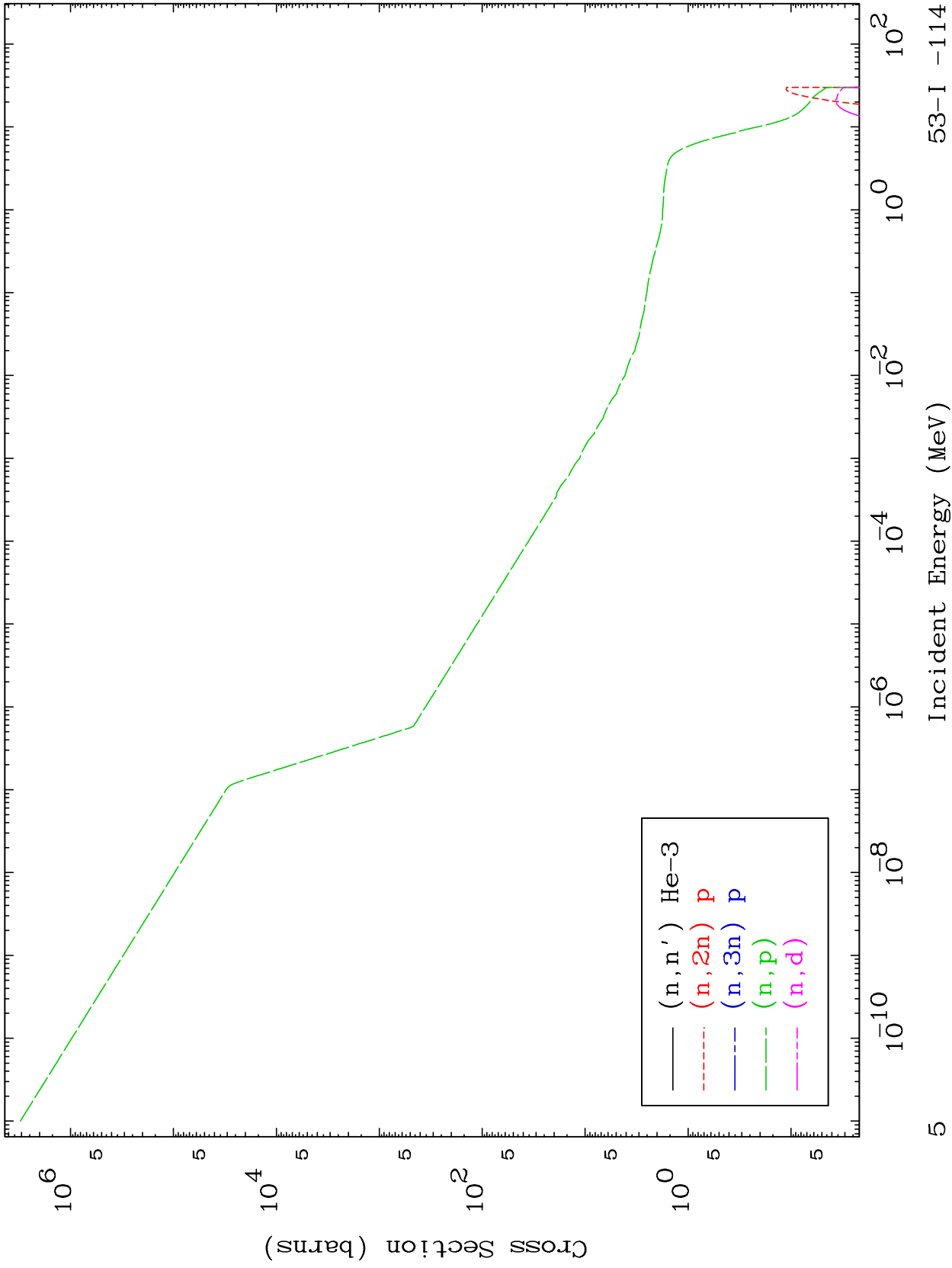
Neutron Production
293 Kelvin Cross Sections

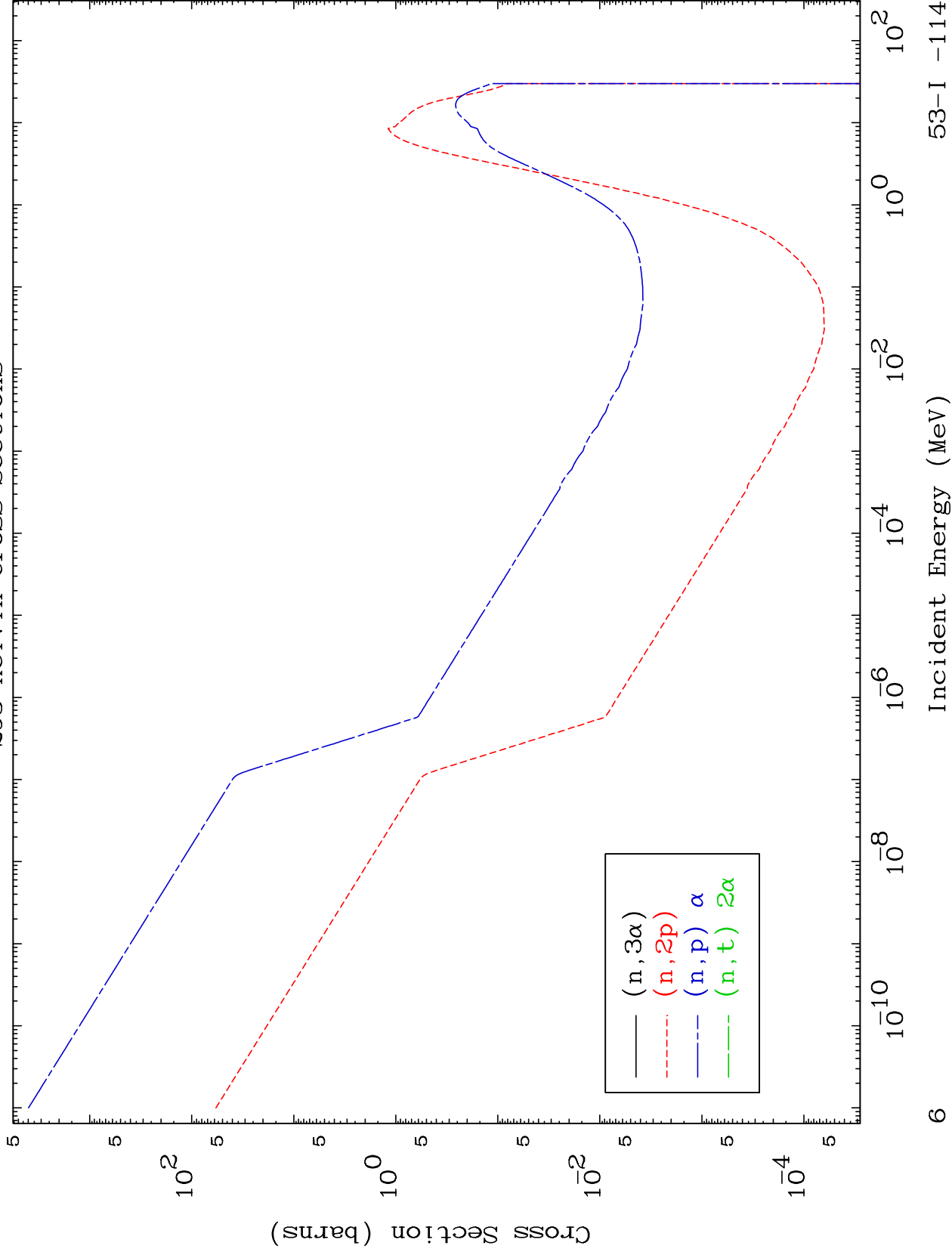
53-I -114

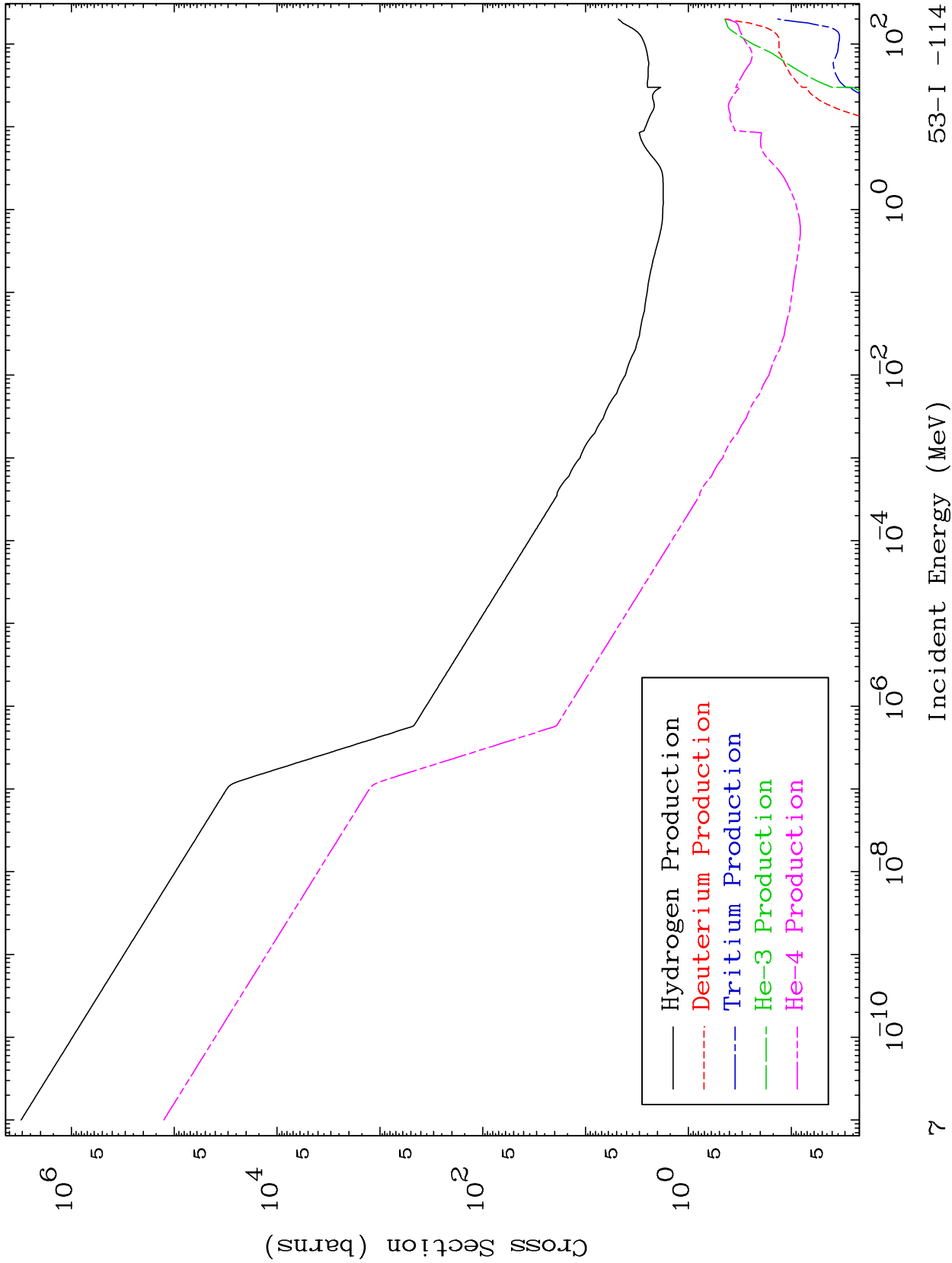










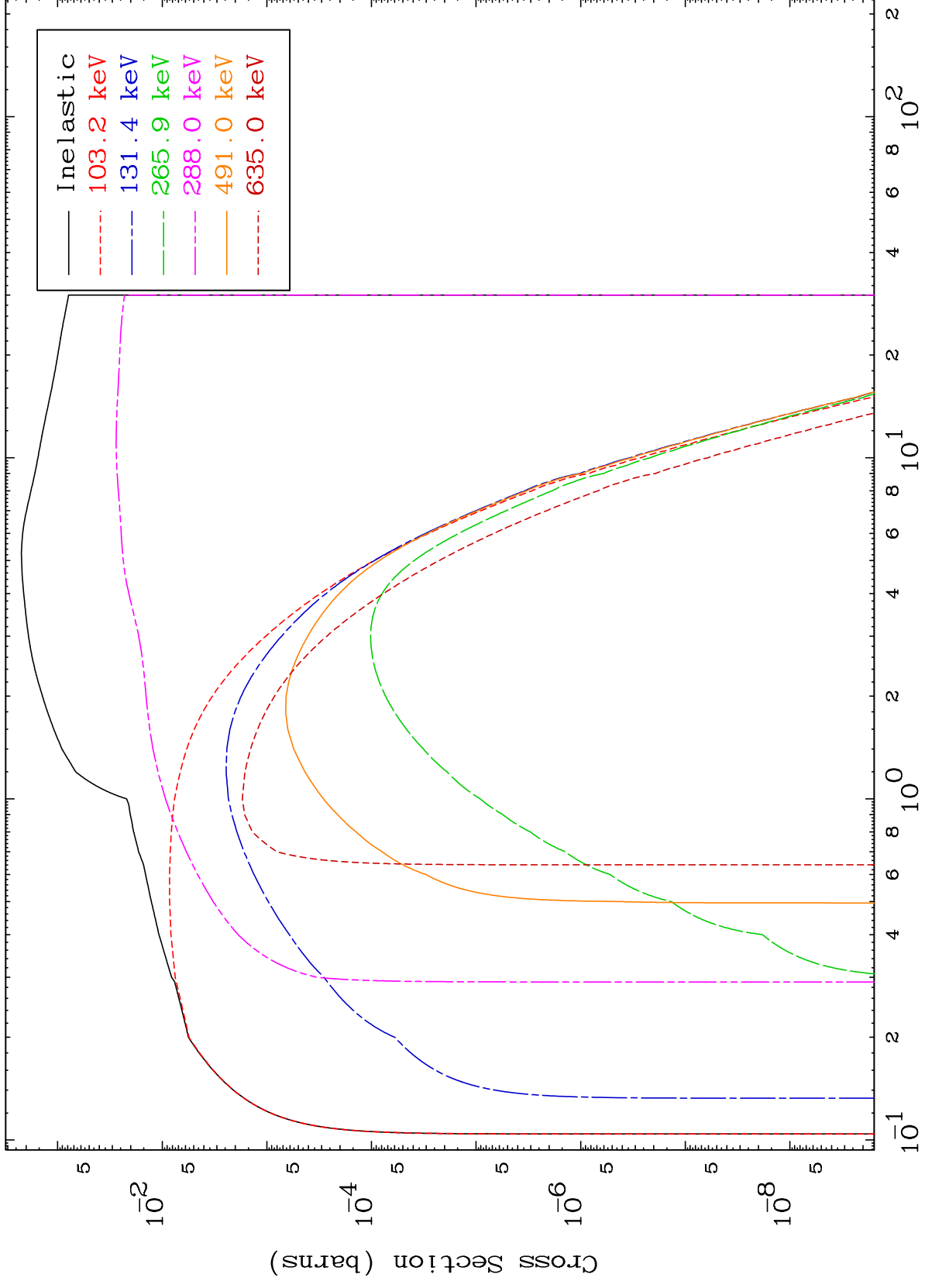


MAT 5286

(n,n') Level

53-I -114

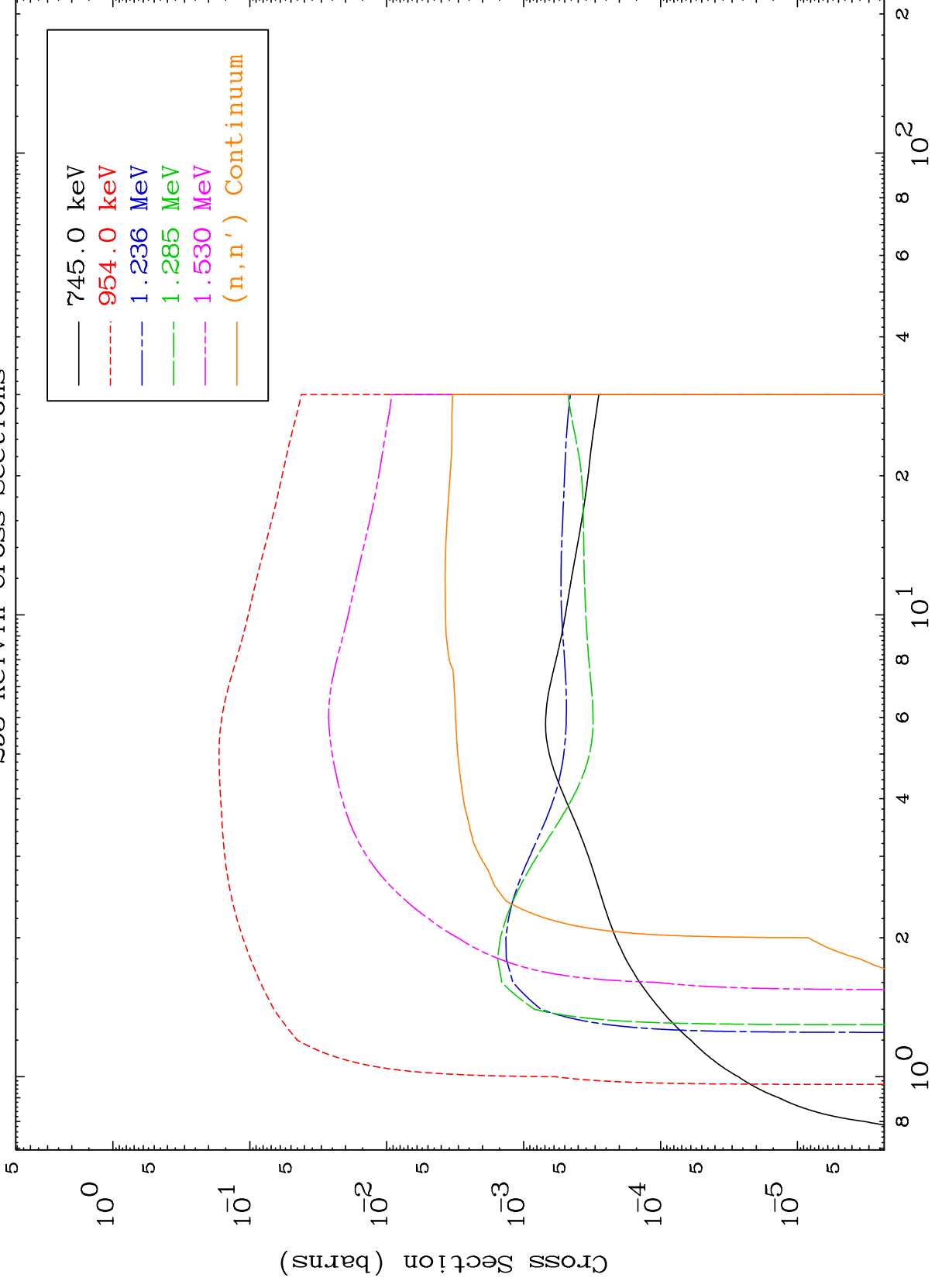
293 Kelvin Cross Sections



53-I -114

Incident Energy (MeV)

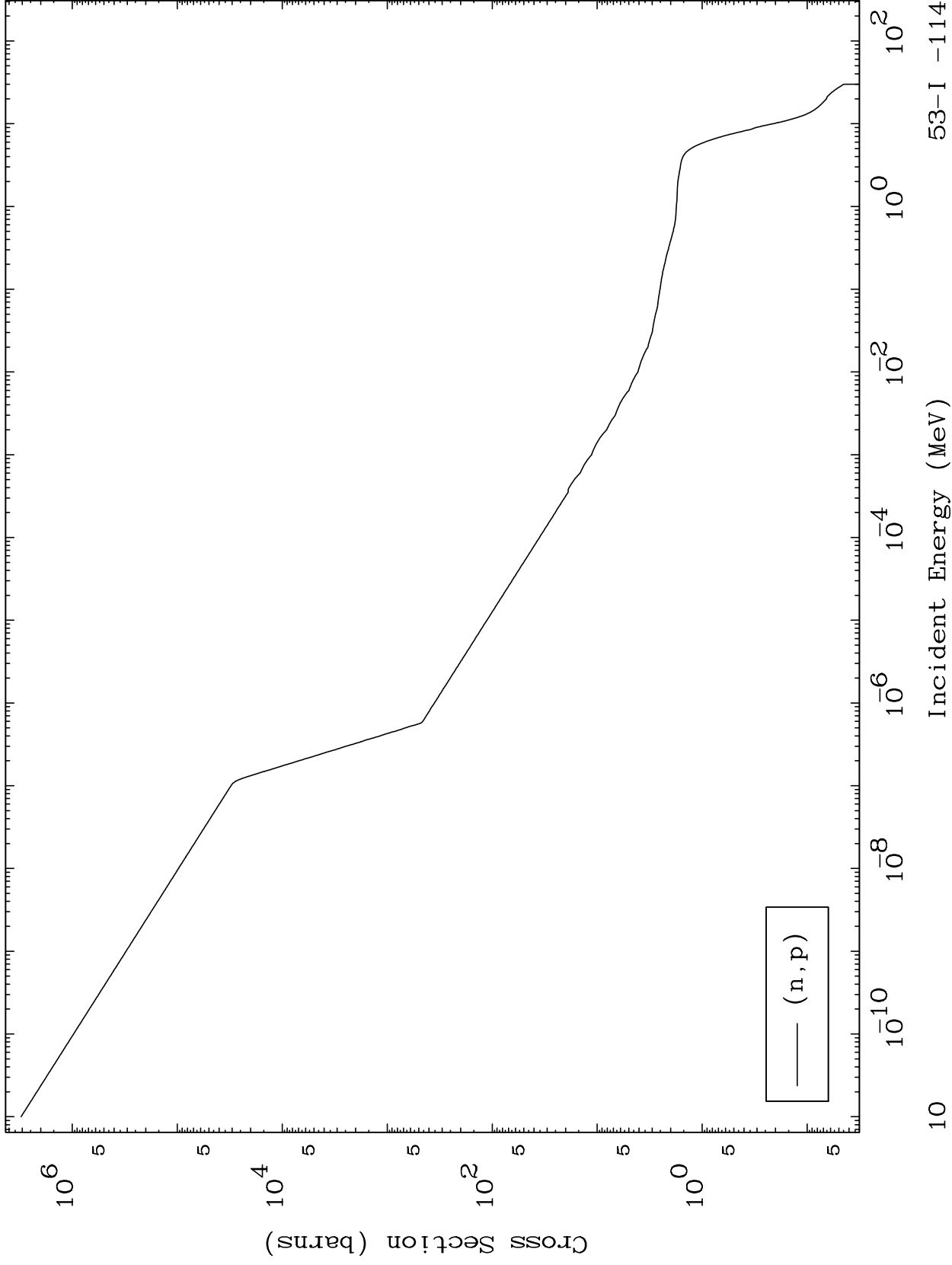
8



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(n,p) Levels
293 Kelvin Cross Sections

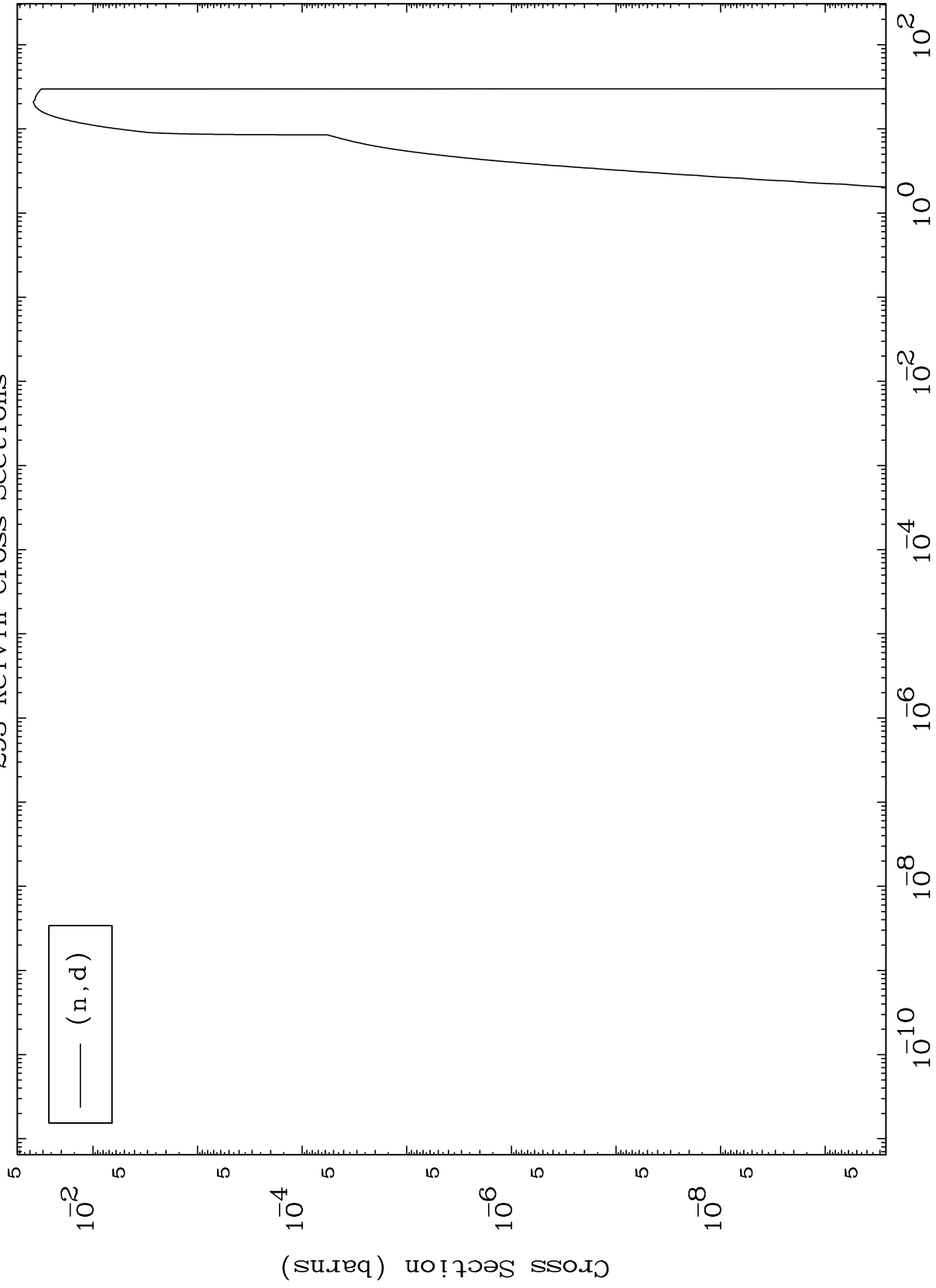
53-I -114



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(n,d) Levels
293 Kelvin Cross Sections

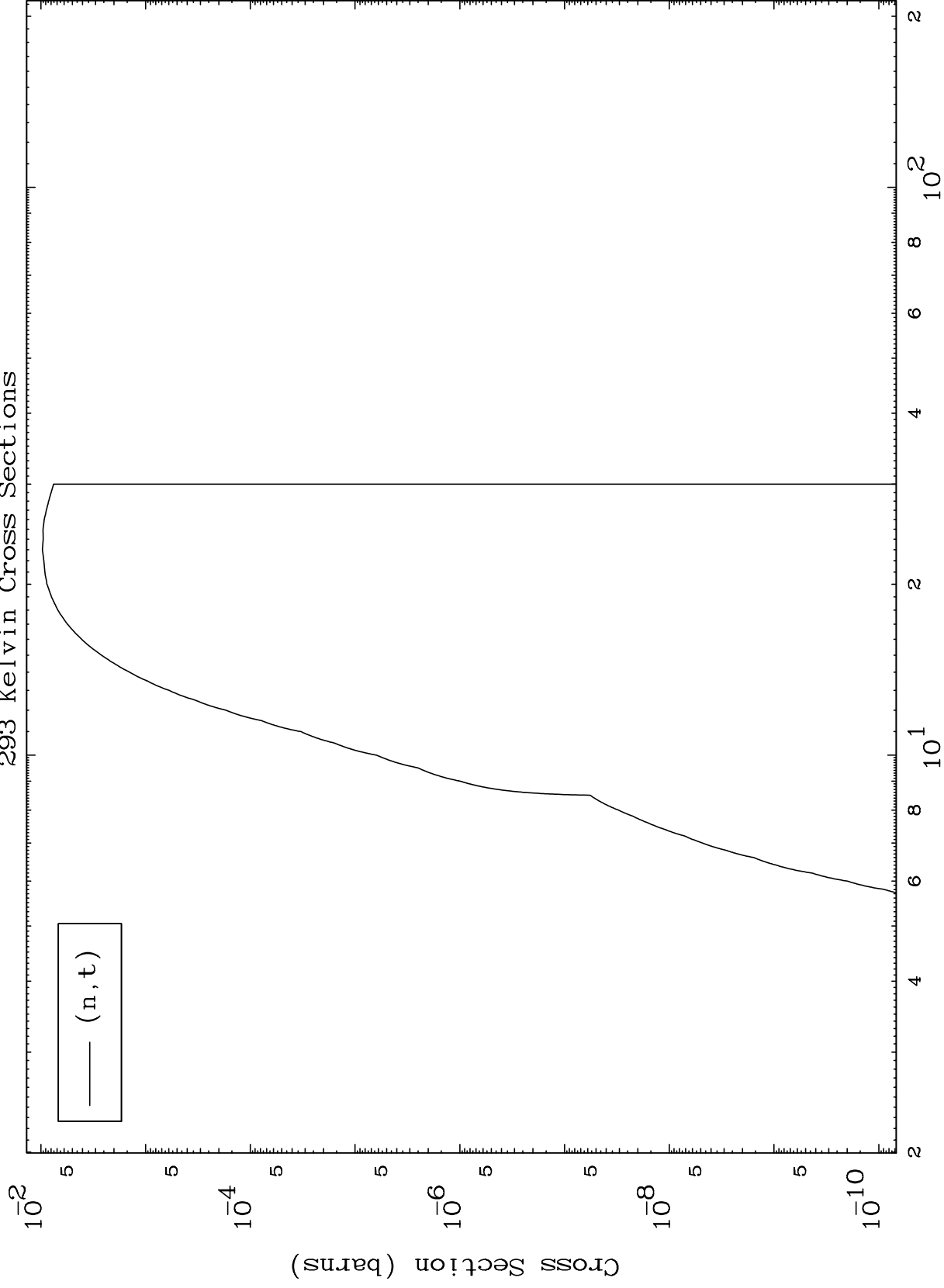
53-I -114



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(n,t) Levels
293 Kelvin Cross Sections

53-I -114



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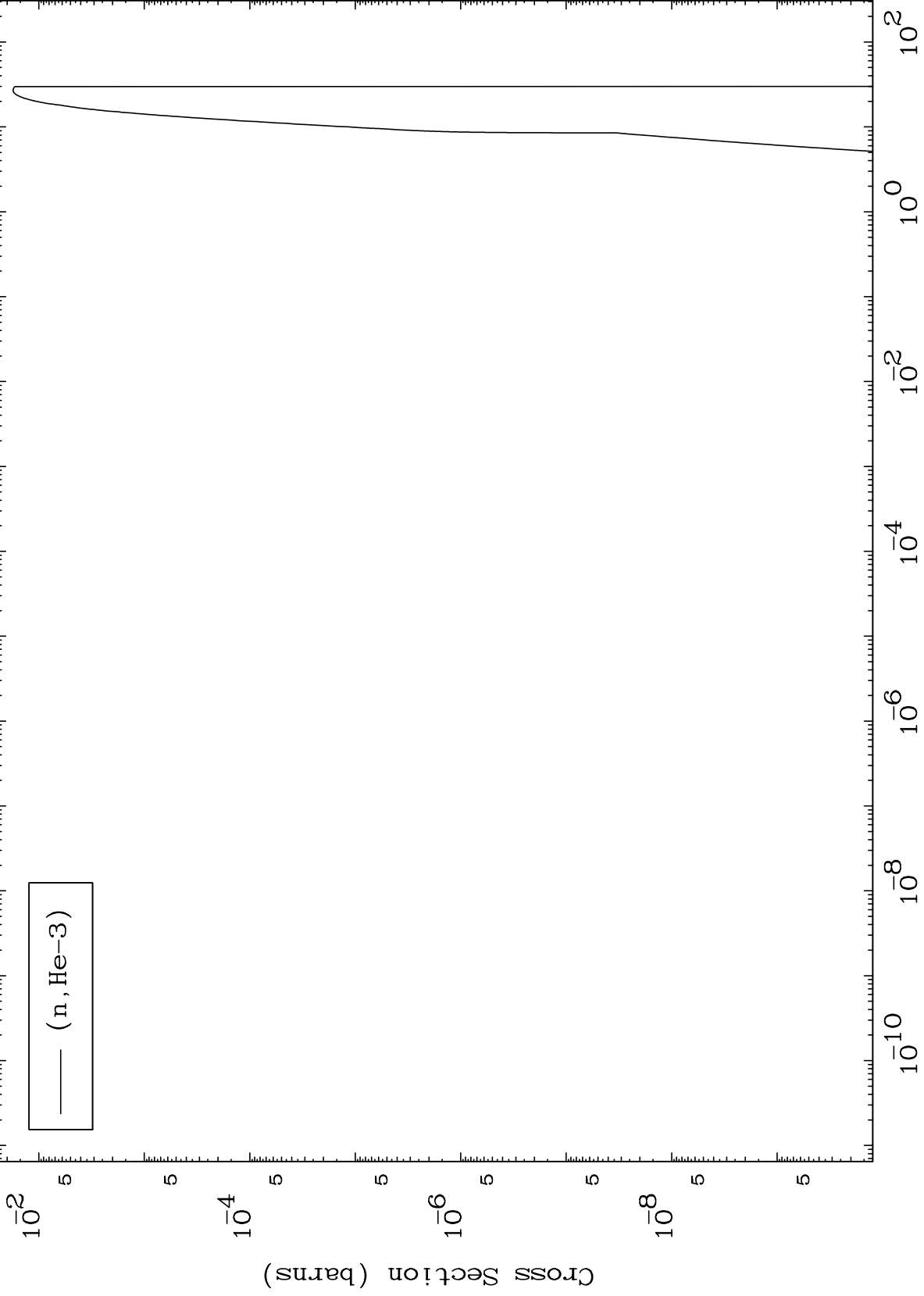
Incident Energy (MeV)

53-I -114

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(n,He3) Levels
293 Kelvin Cross Sections

53-I -114



13

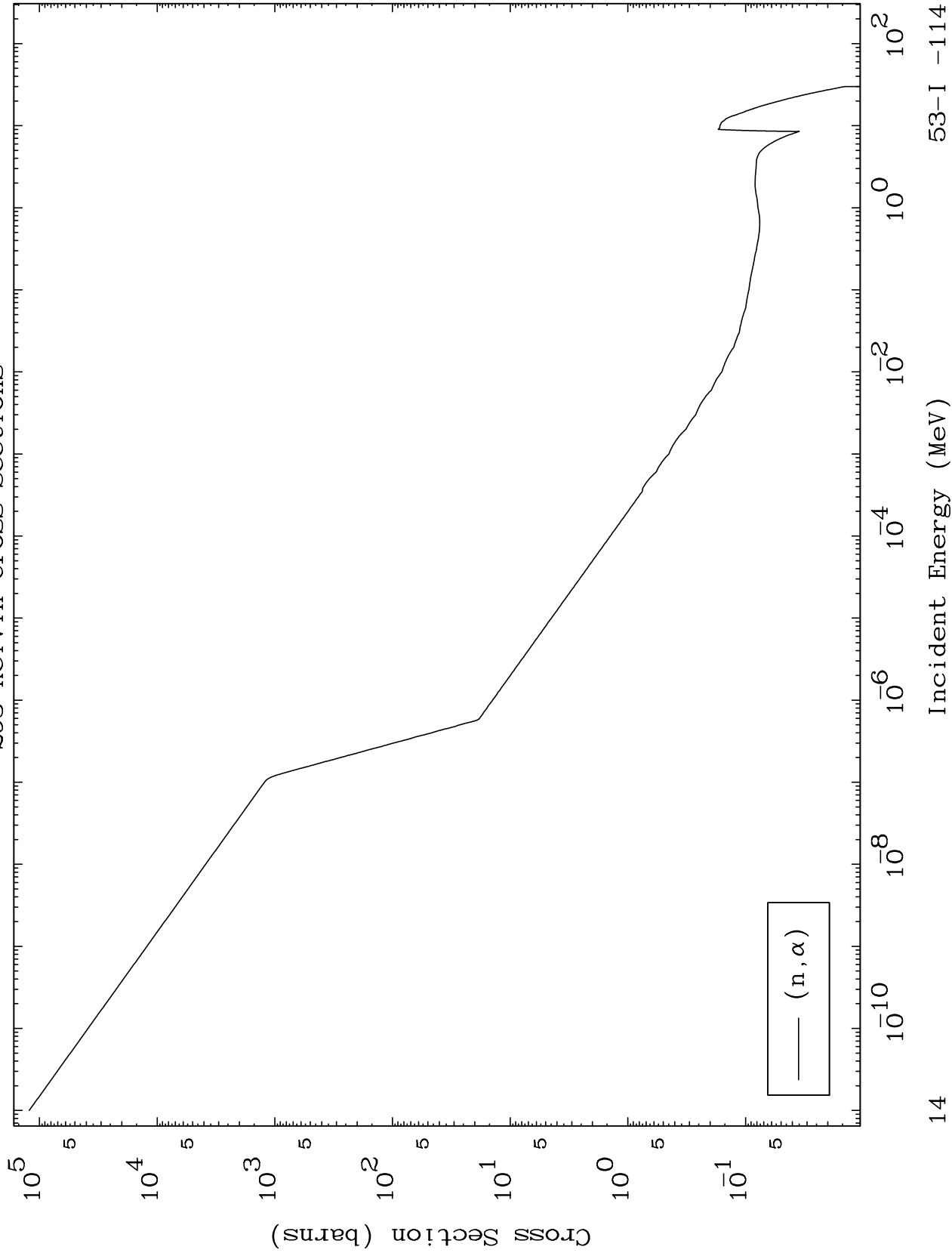
Incident Energy (MeV)

53-I -114

MAT 5286

(n,α) Levels
293 Kelvin Cross Sections

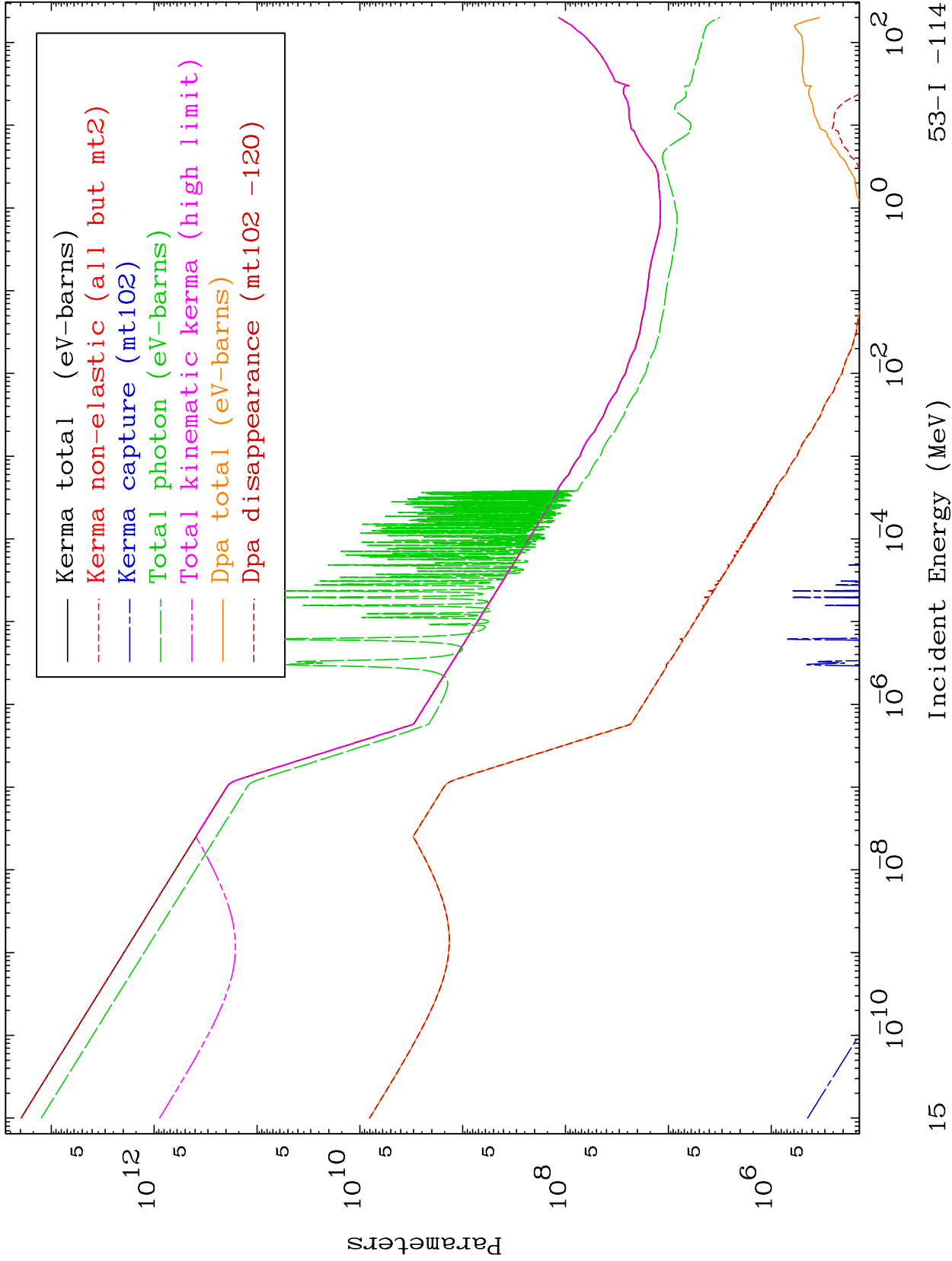
53-I -114

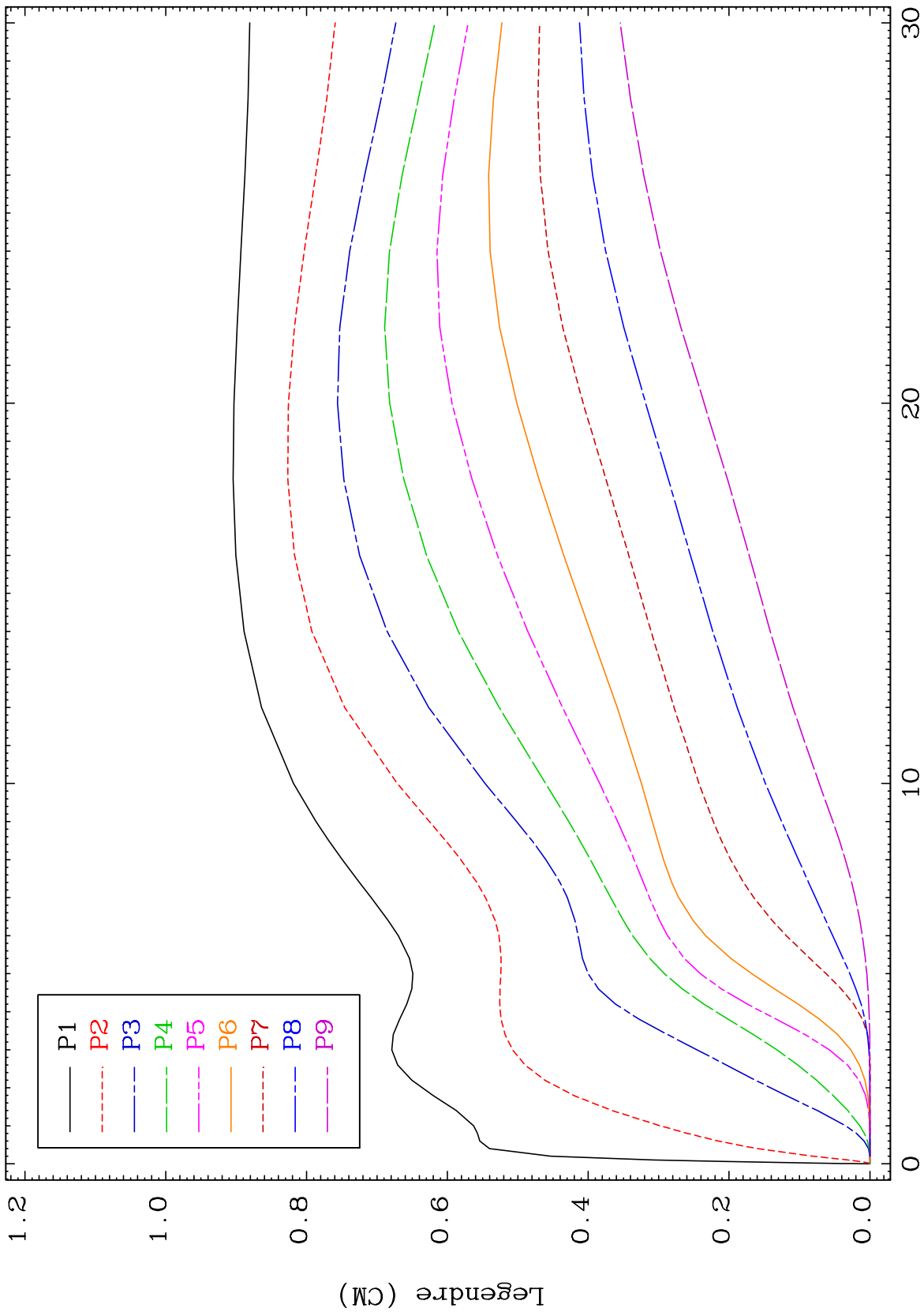


14

Incident Energy (MeV)

53-I -114

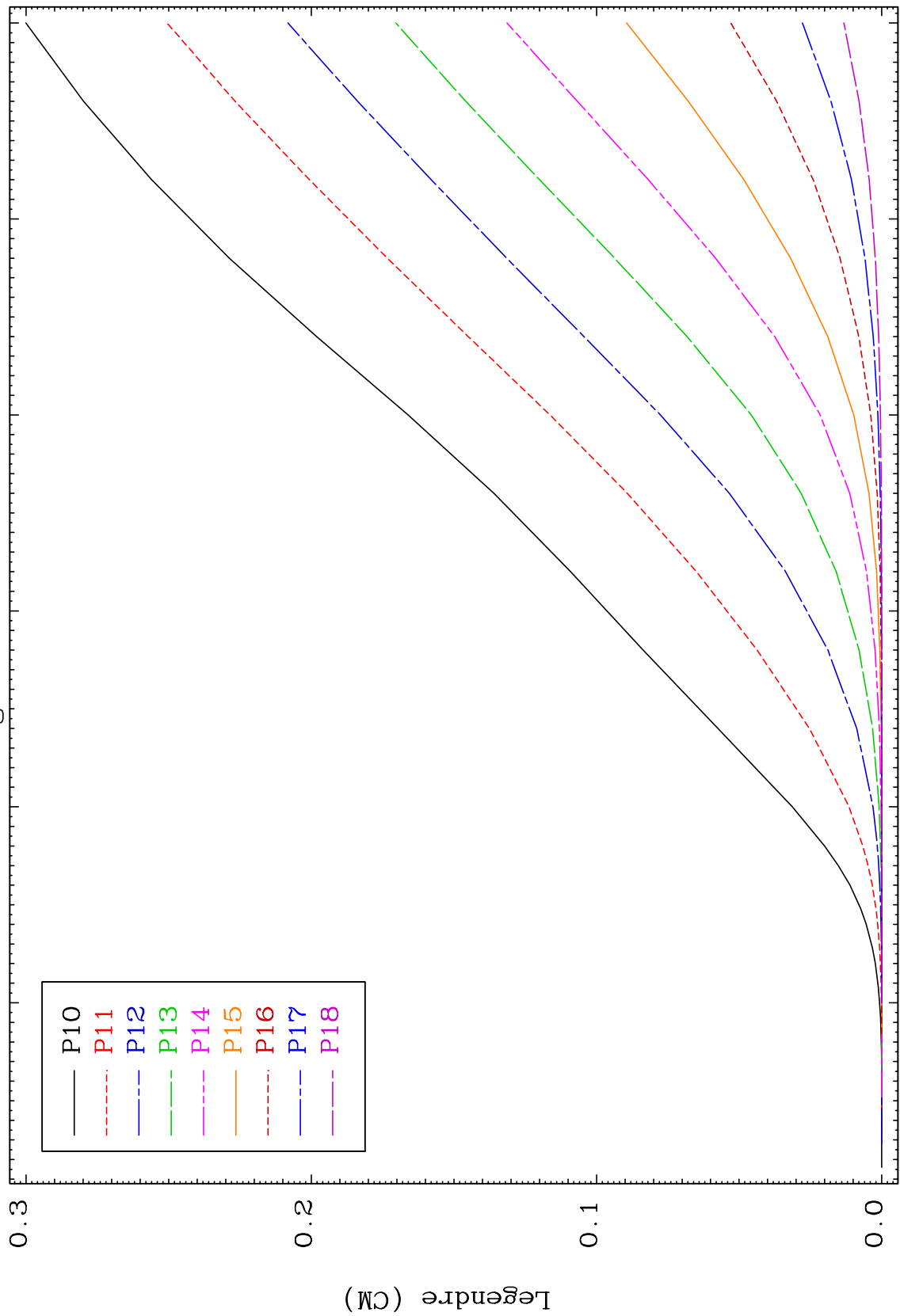




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Elastic Legendre Coefficients

53-I -114



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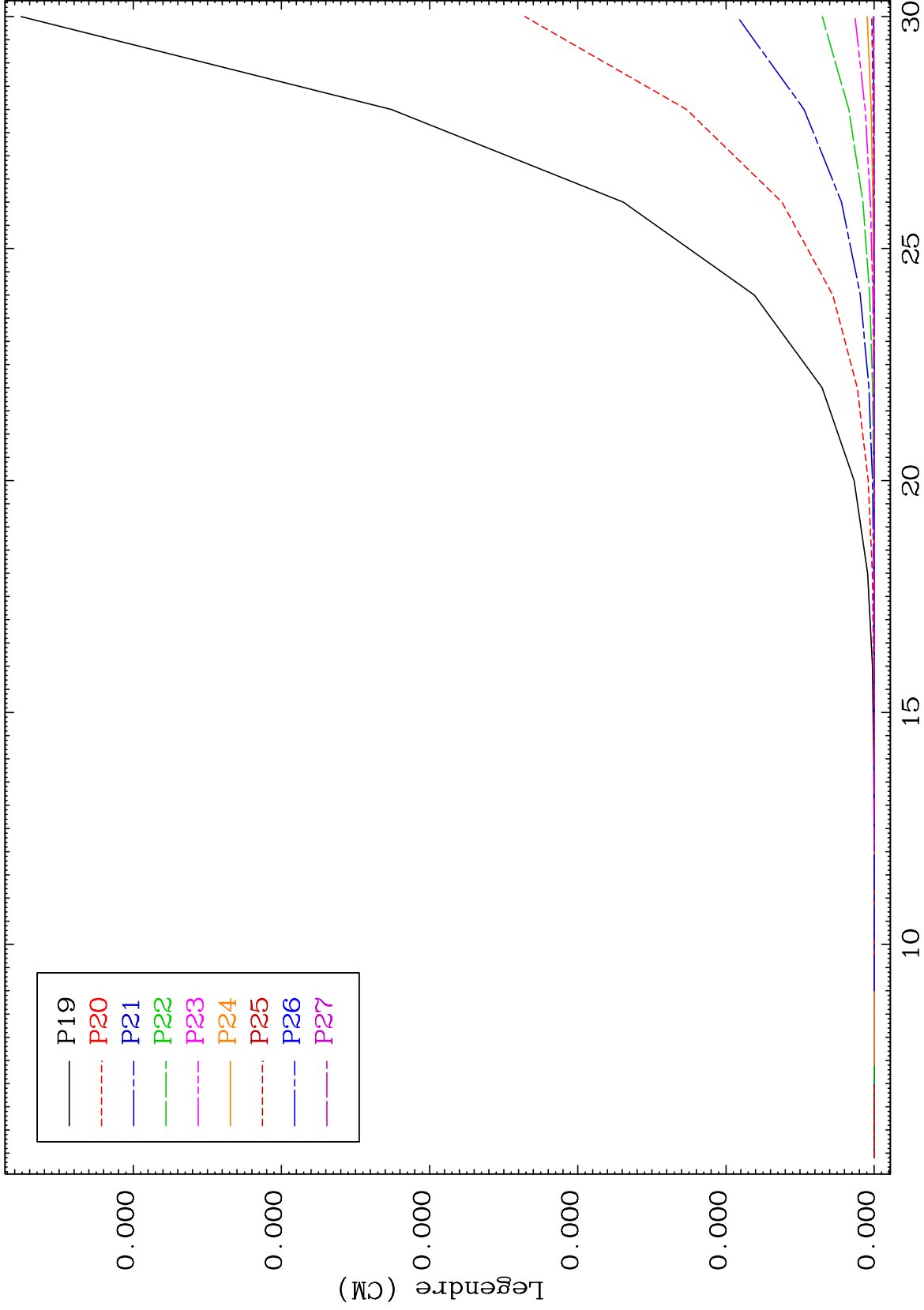
Incident Energy (MeV)

53-I -114

MAT 5286

Elastic Legendre Coefficients

53-I -114



18

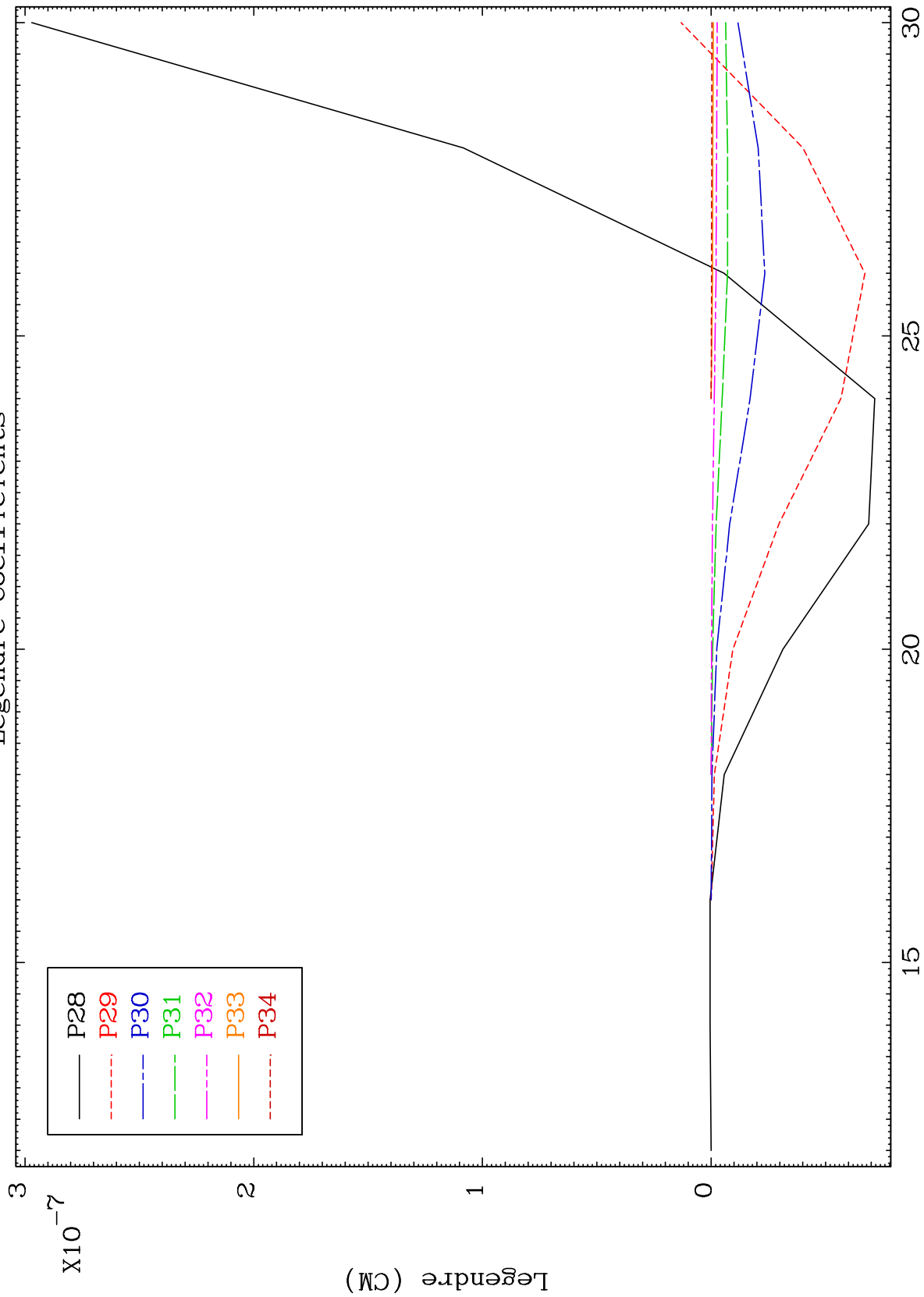
Incident Energy (MeV)

53-I -114

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Elastic
Legendre Coefficients

53-I -114



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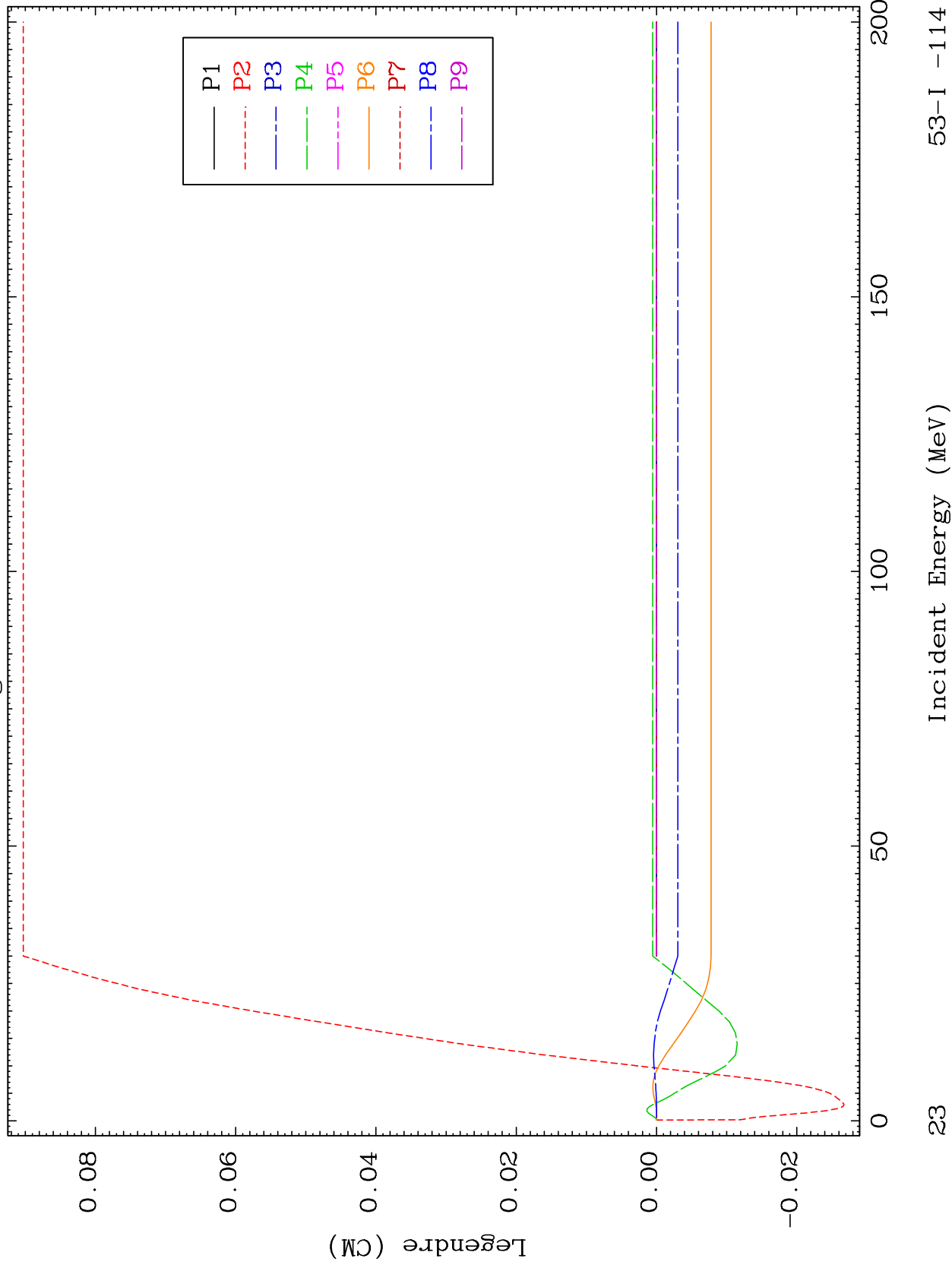
Incident Energy (MeV)

53-I -114

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131.4 keV (n,n') Level
Legendre Coefficients

53-I -114



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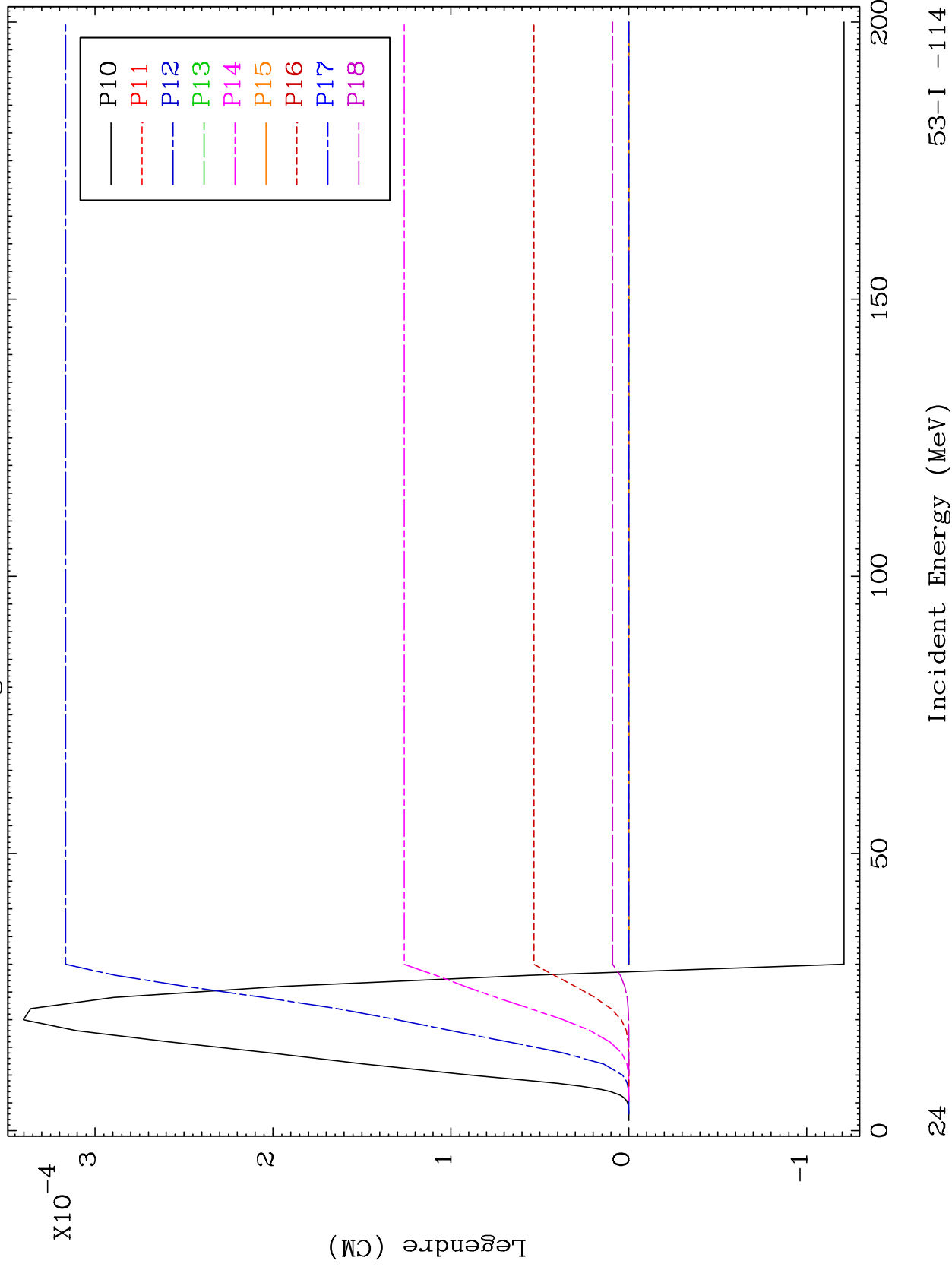
Incident Energy (MeV)

53-I -114

MAT 5286

131.4 keV (n,n') Level
Legendre Coefficients

53-I -114



53-I -114

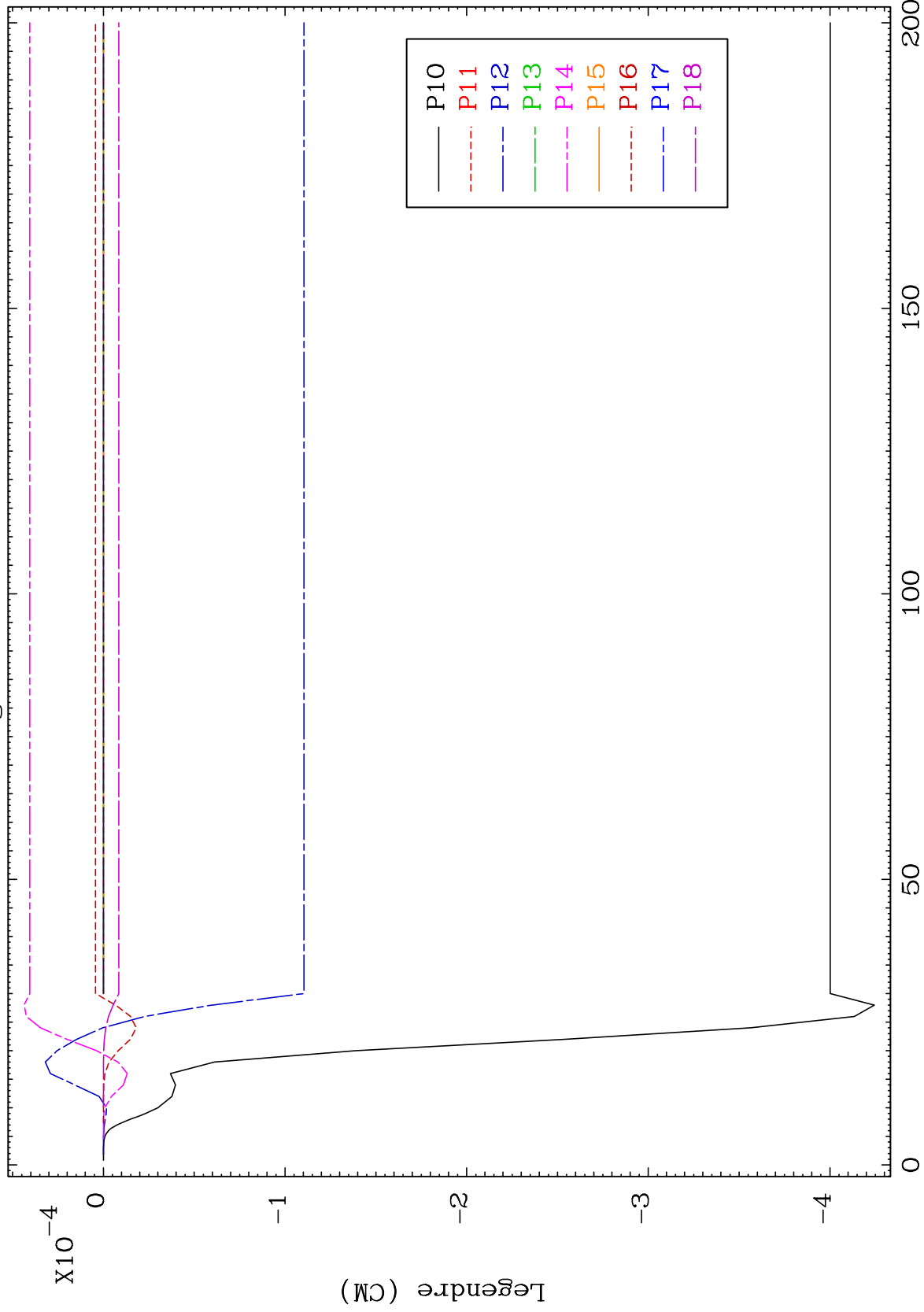
Incident Energy (MeV)

24

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265.9 keV (n,n') Level
Legendre Coefficients

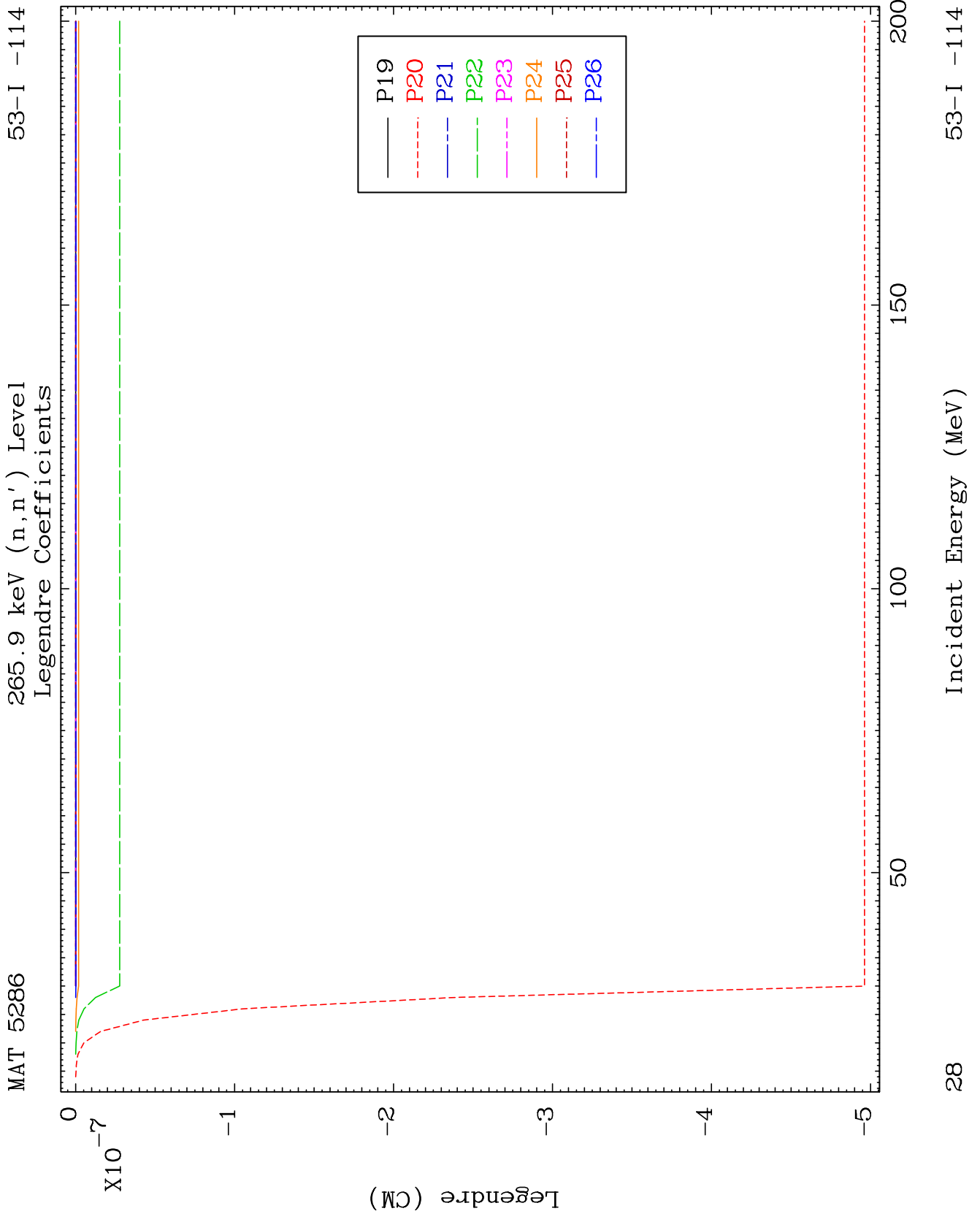
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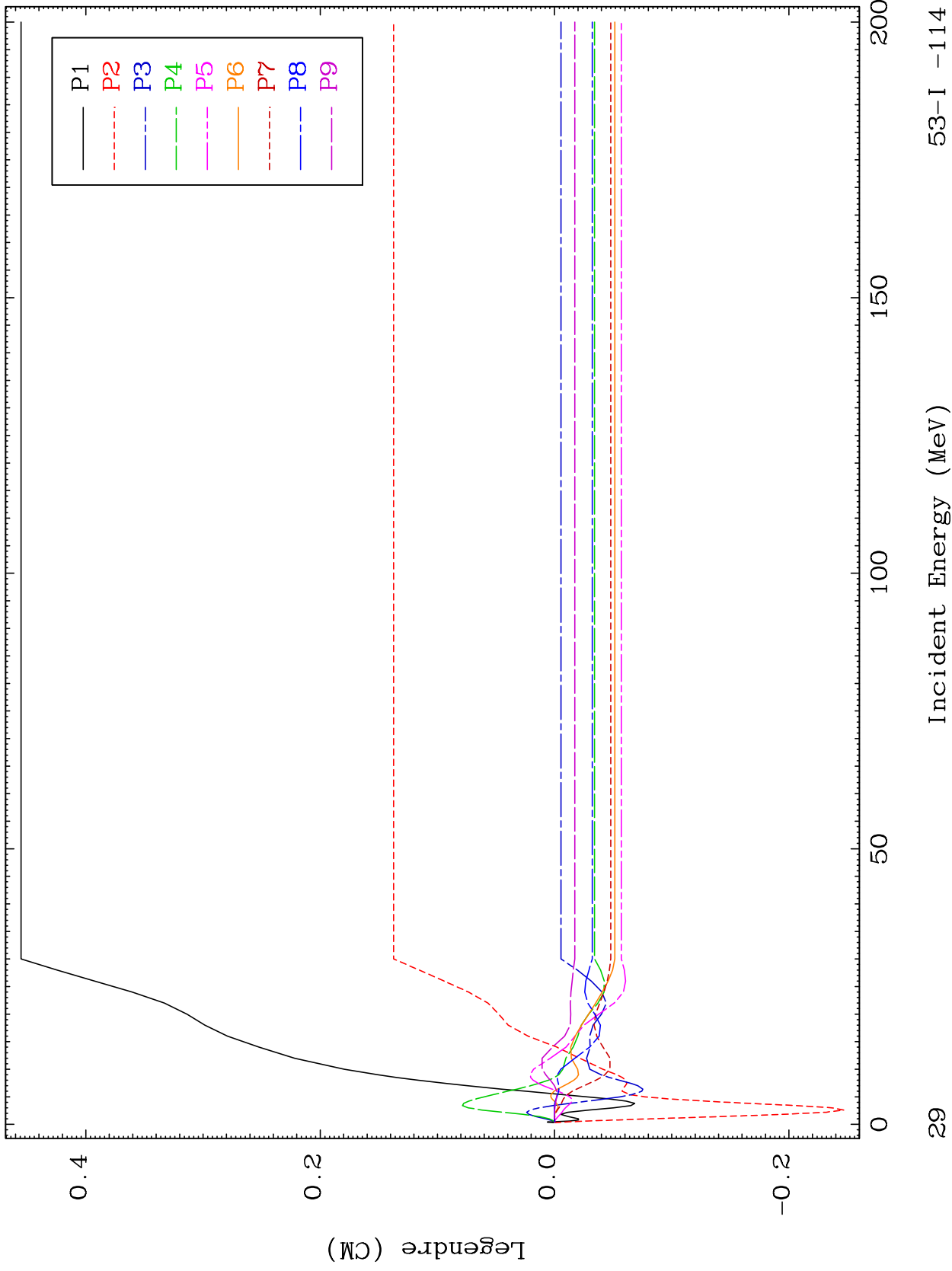


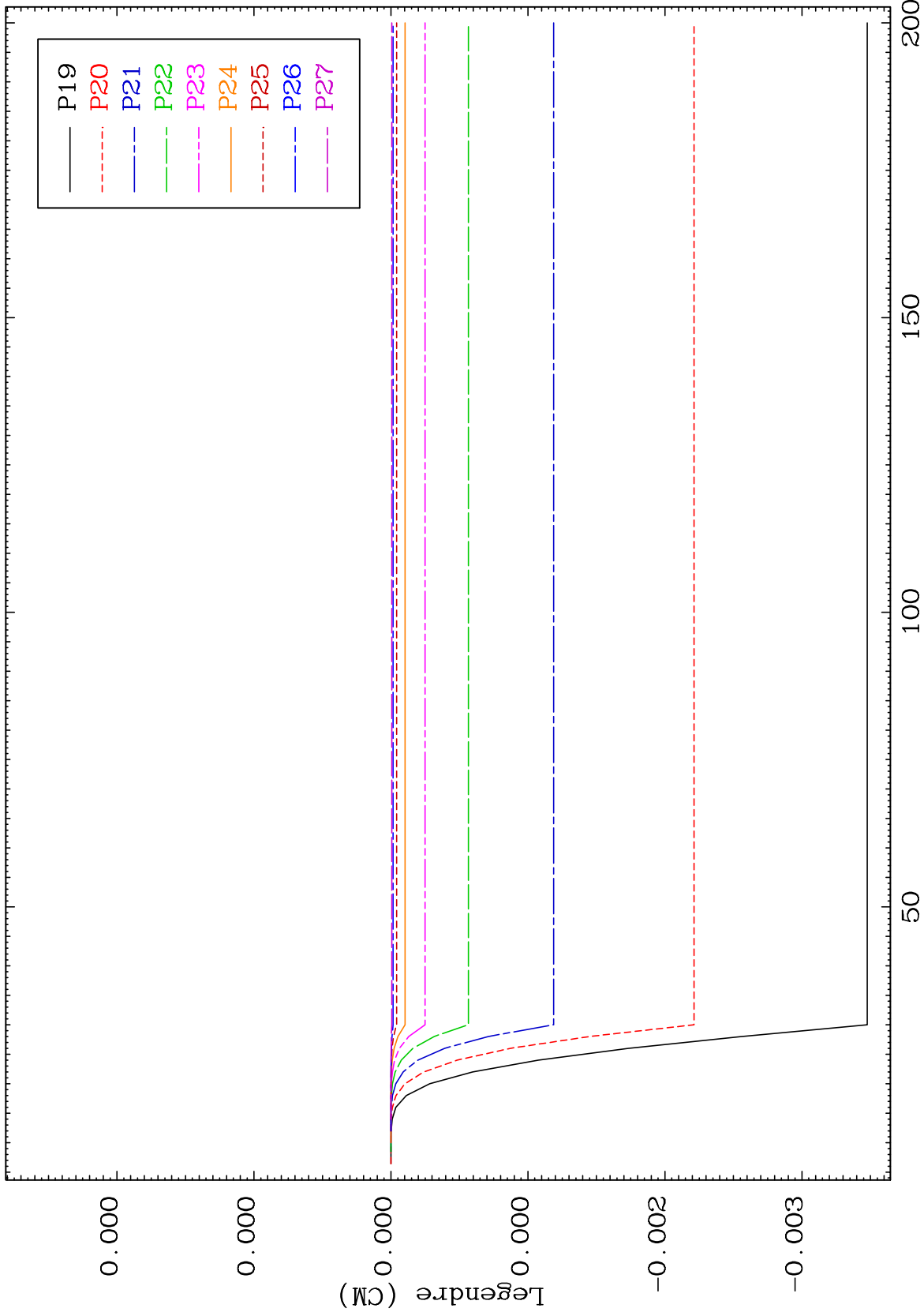
27

Incident Energy (MeV)

53-I -114



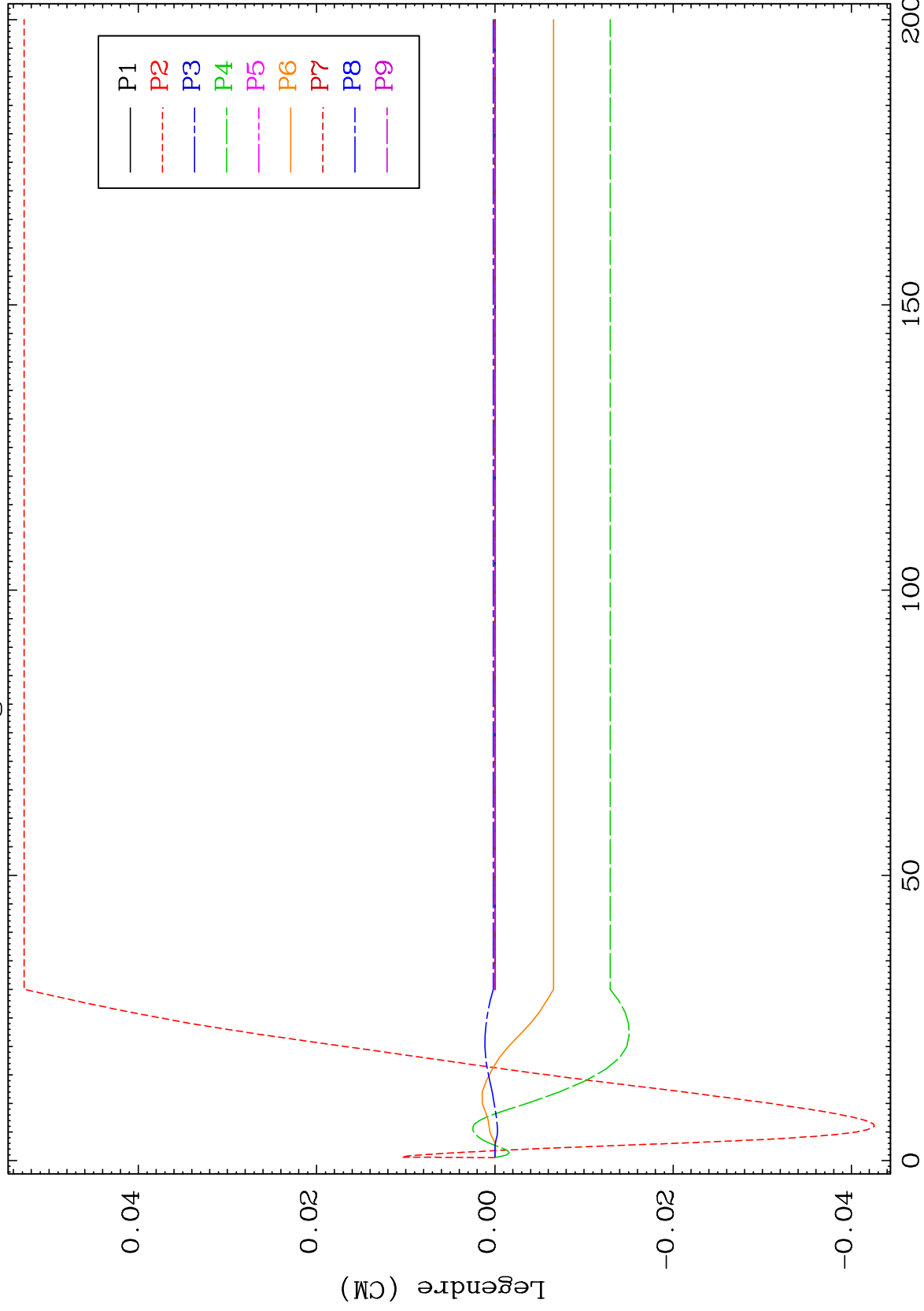




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491.0 keV (n,n') Level
Legendre Coefficients

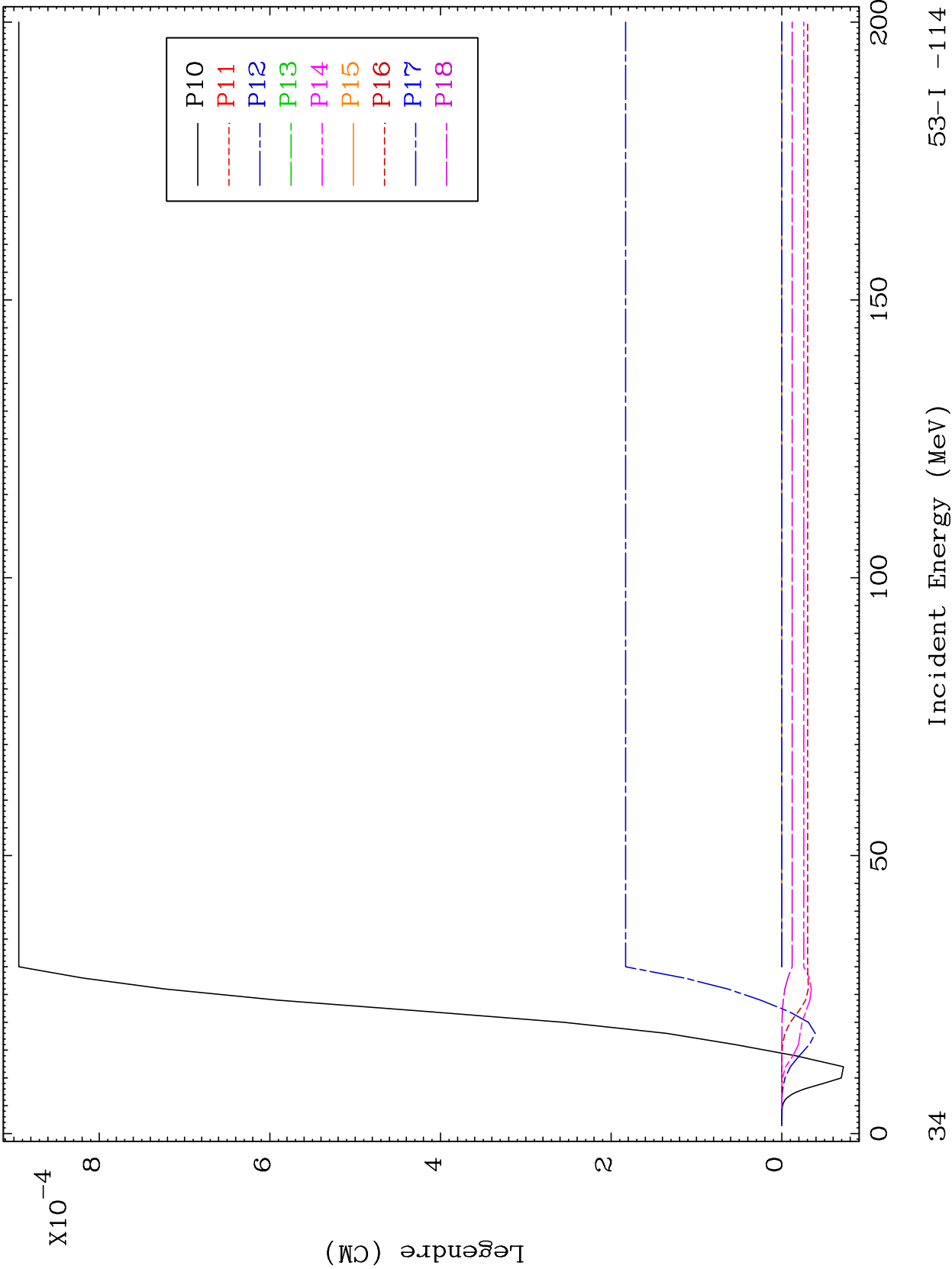
53-I -114

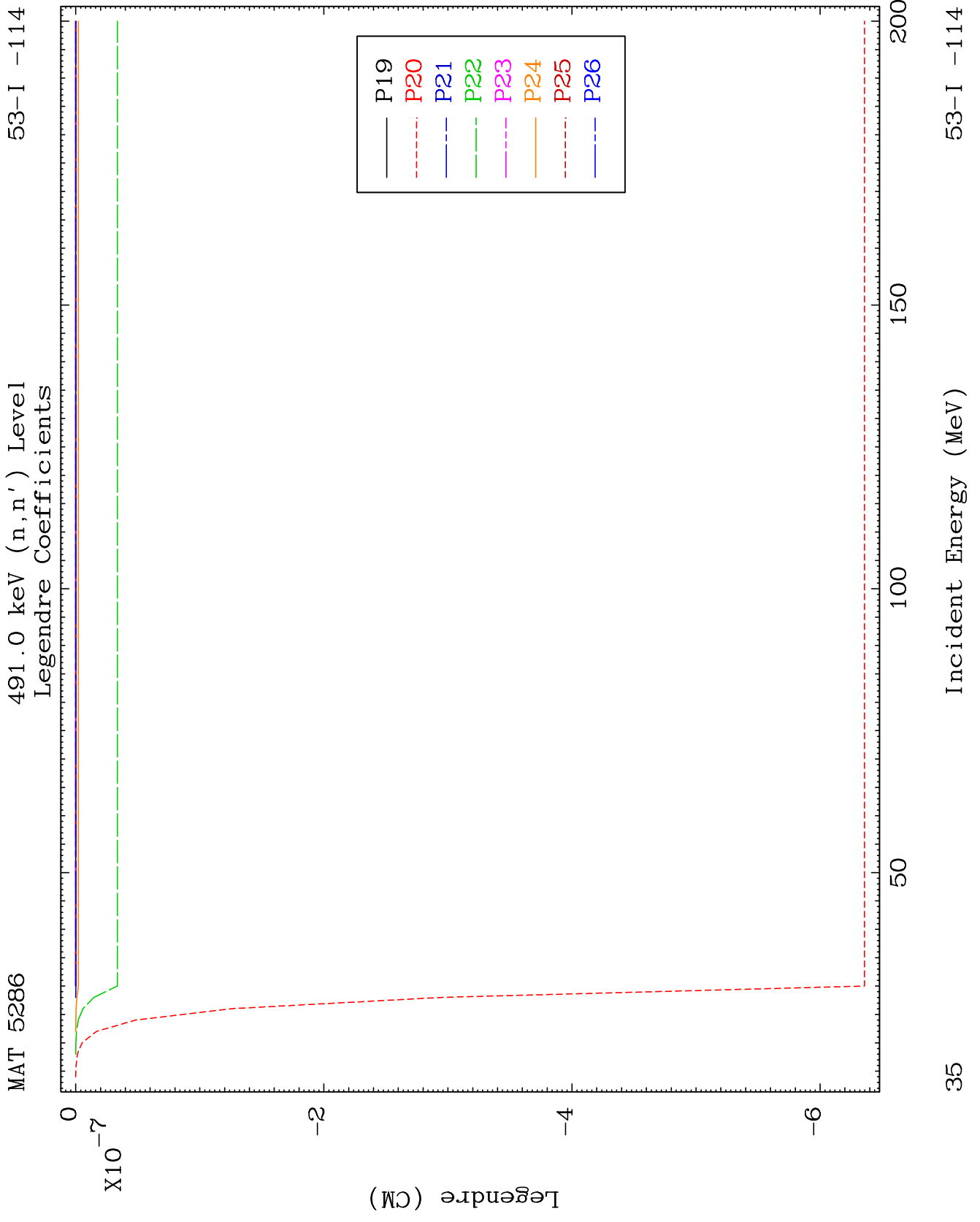


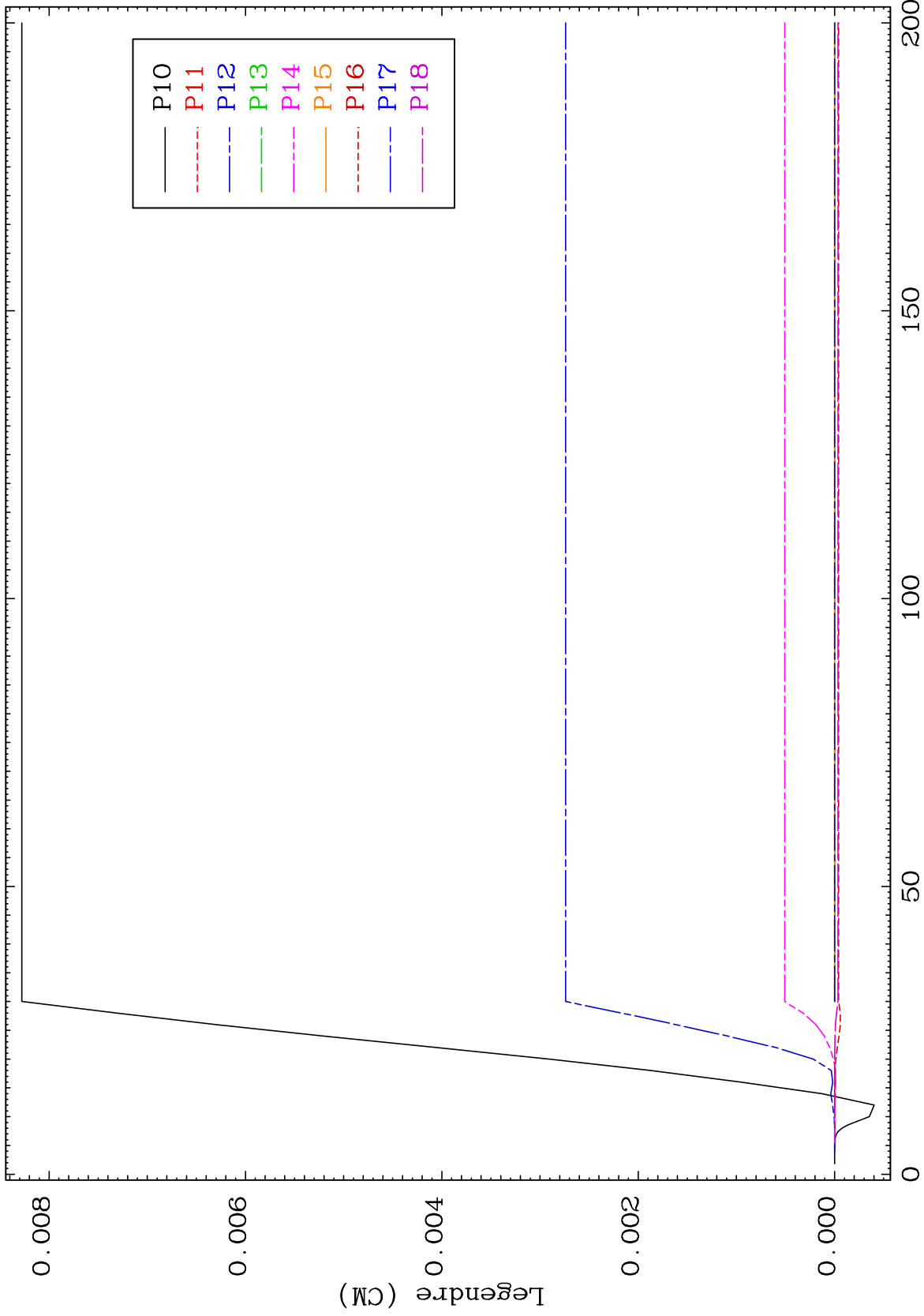
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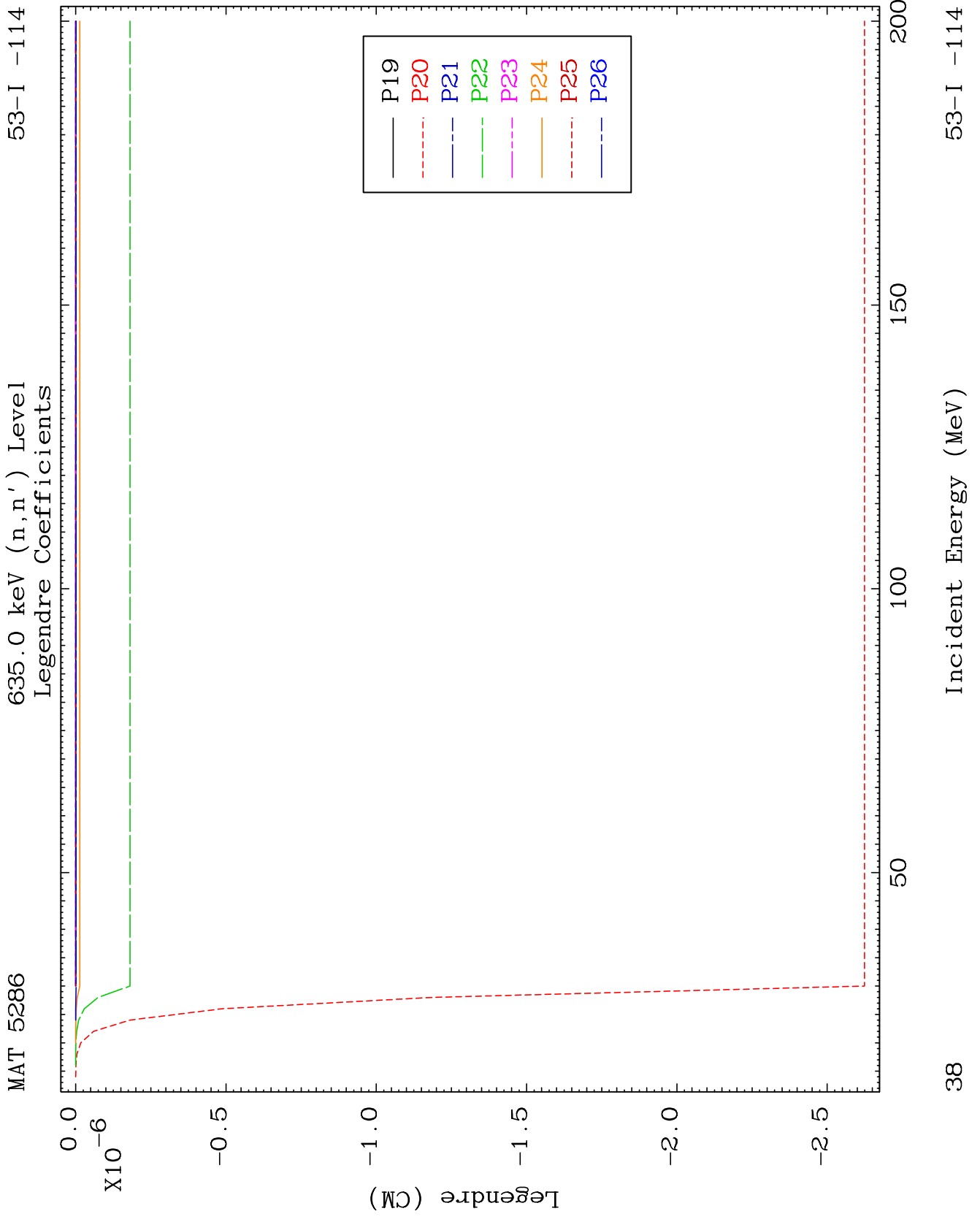
Incident Energy (MeV)

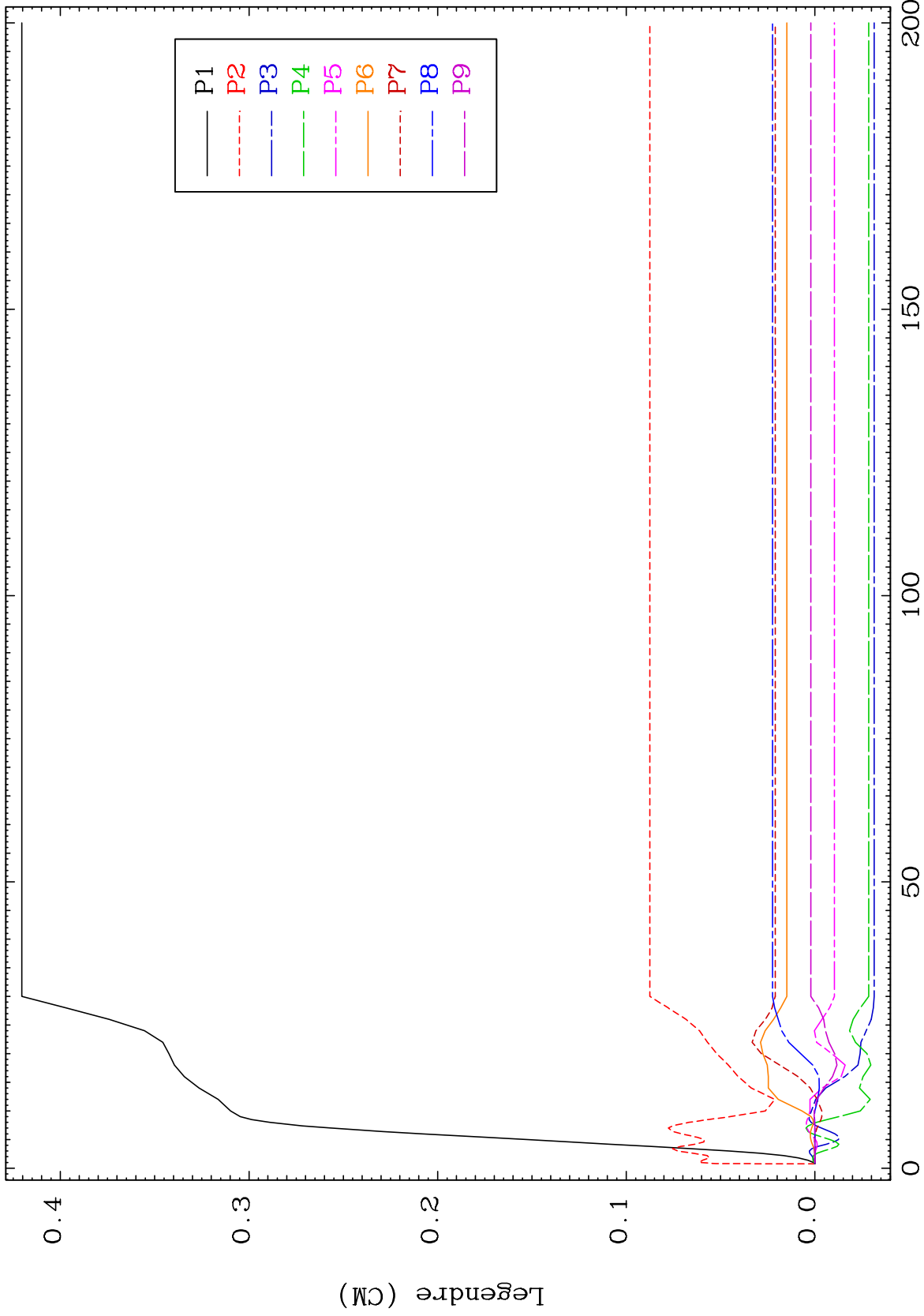
53-I -114







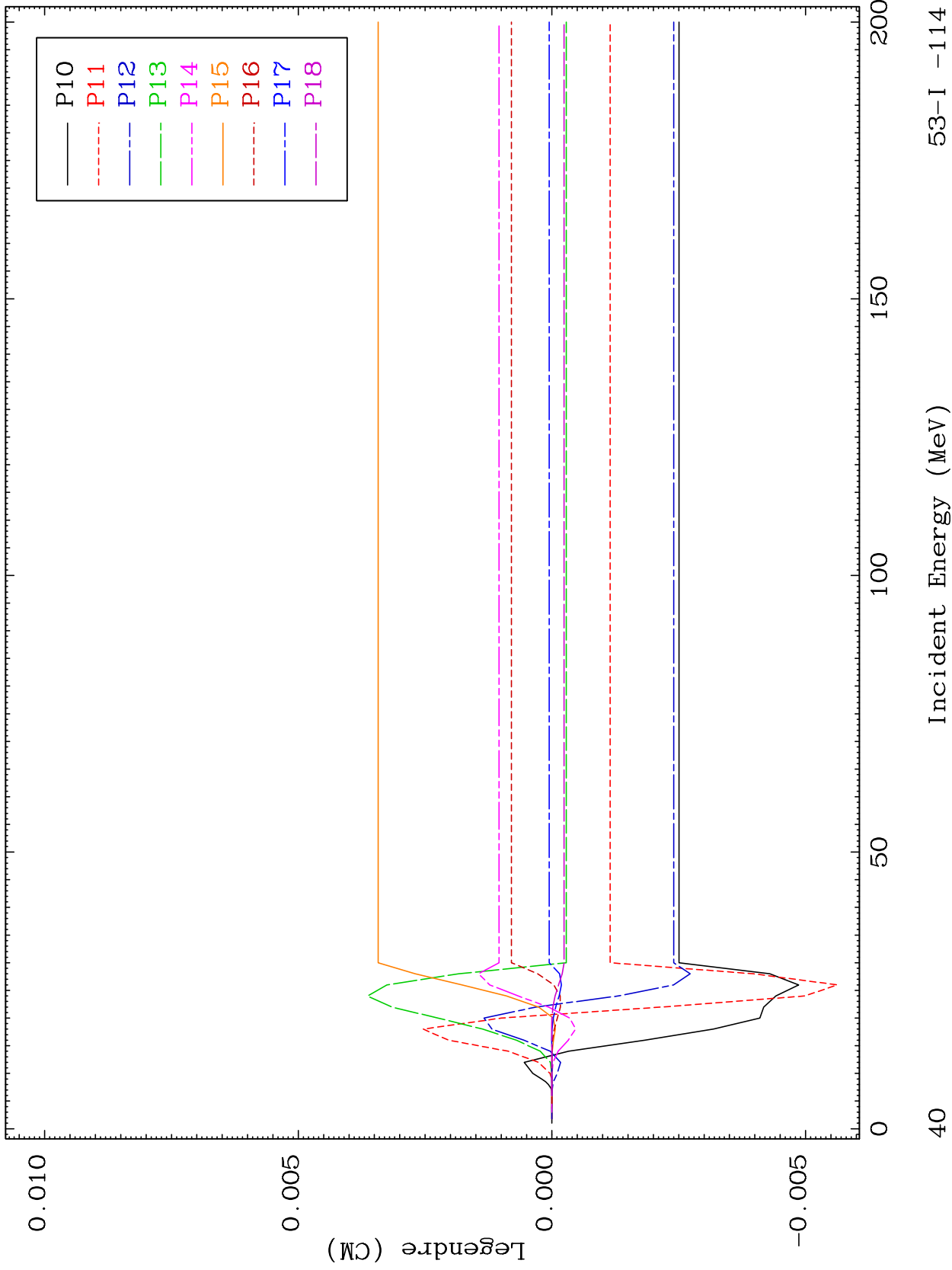




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745.0 keV (n,n') Level
Legendre Coefficients

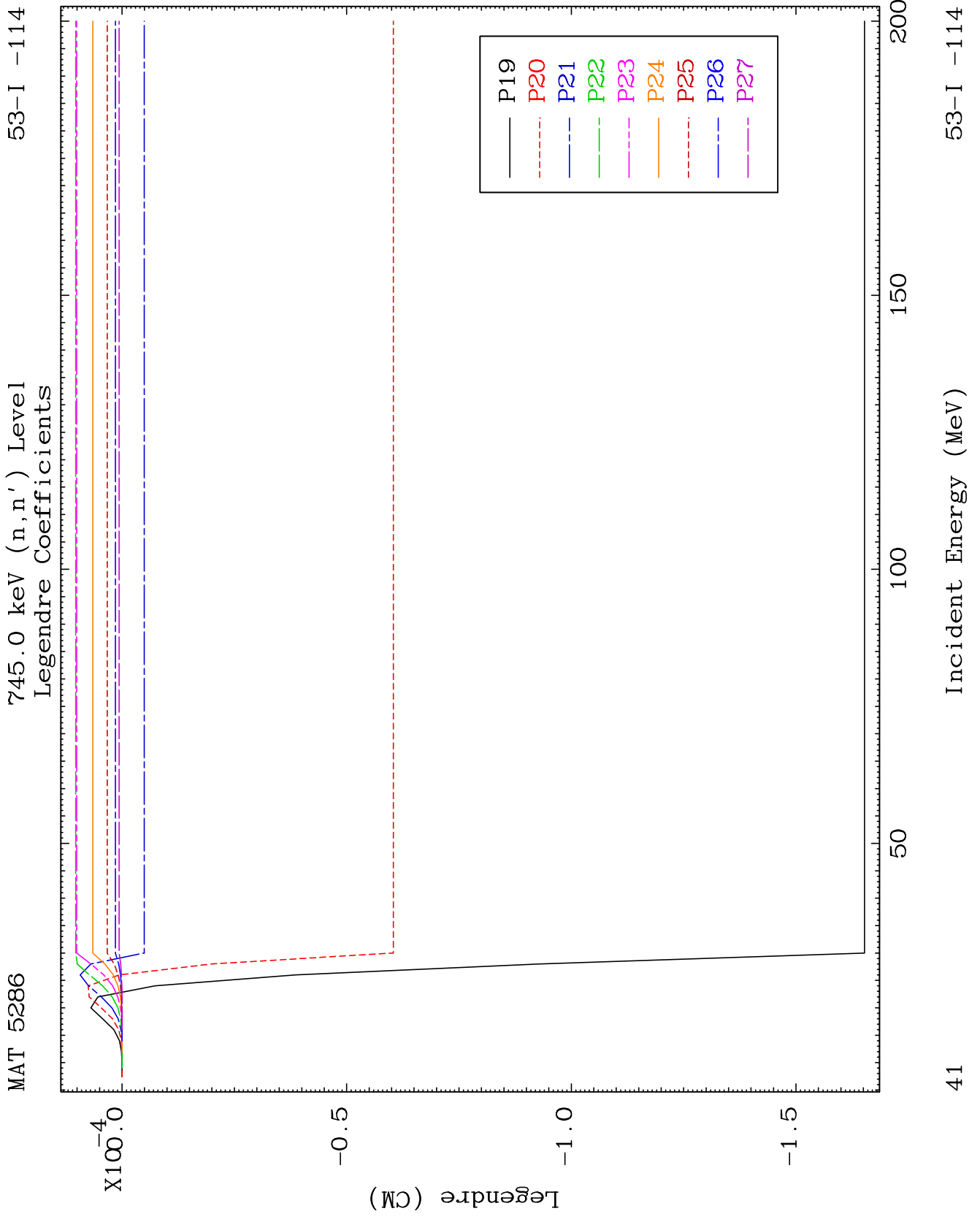
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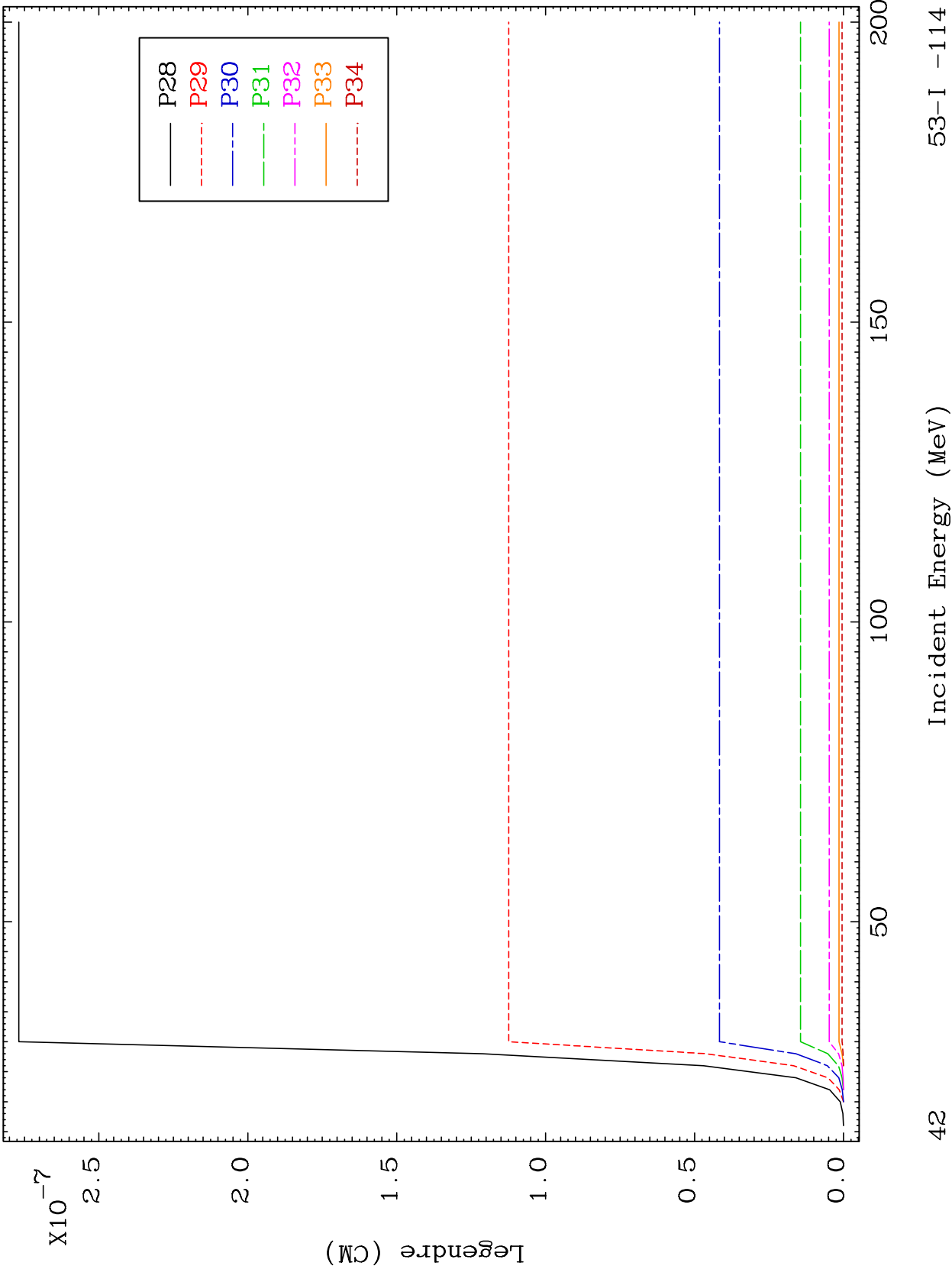


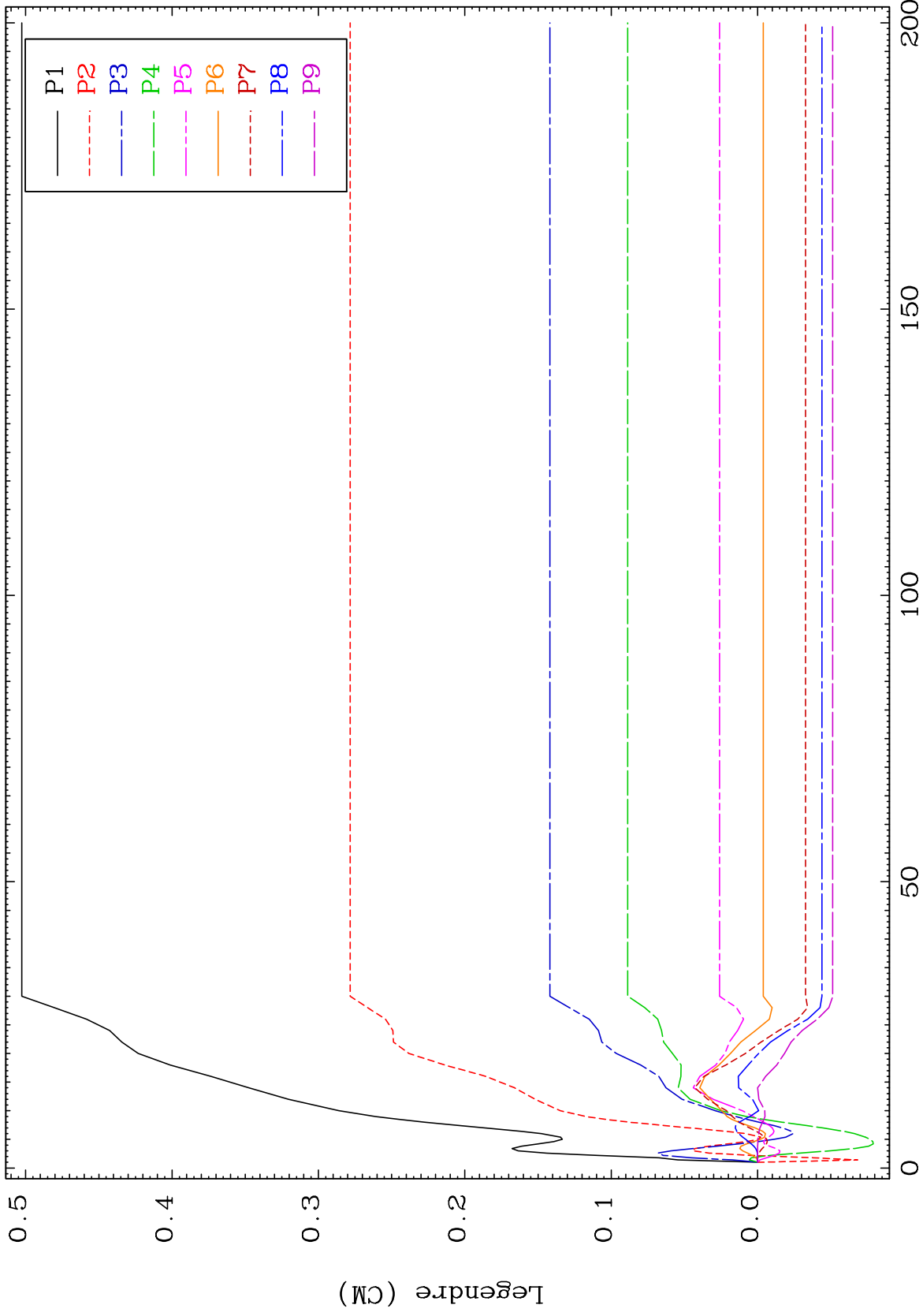
53-I -114

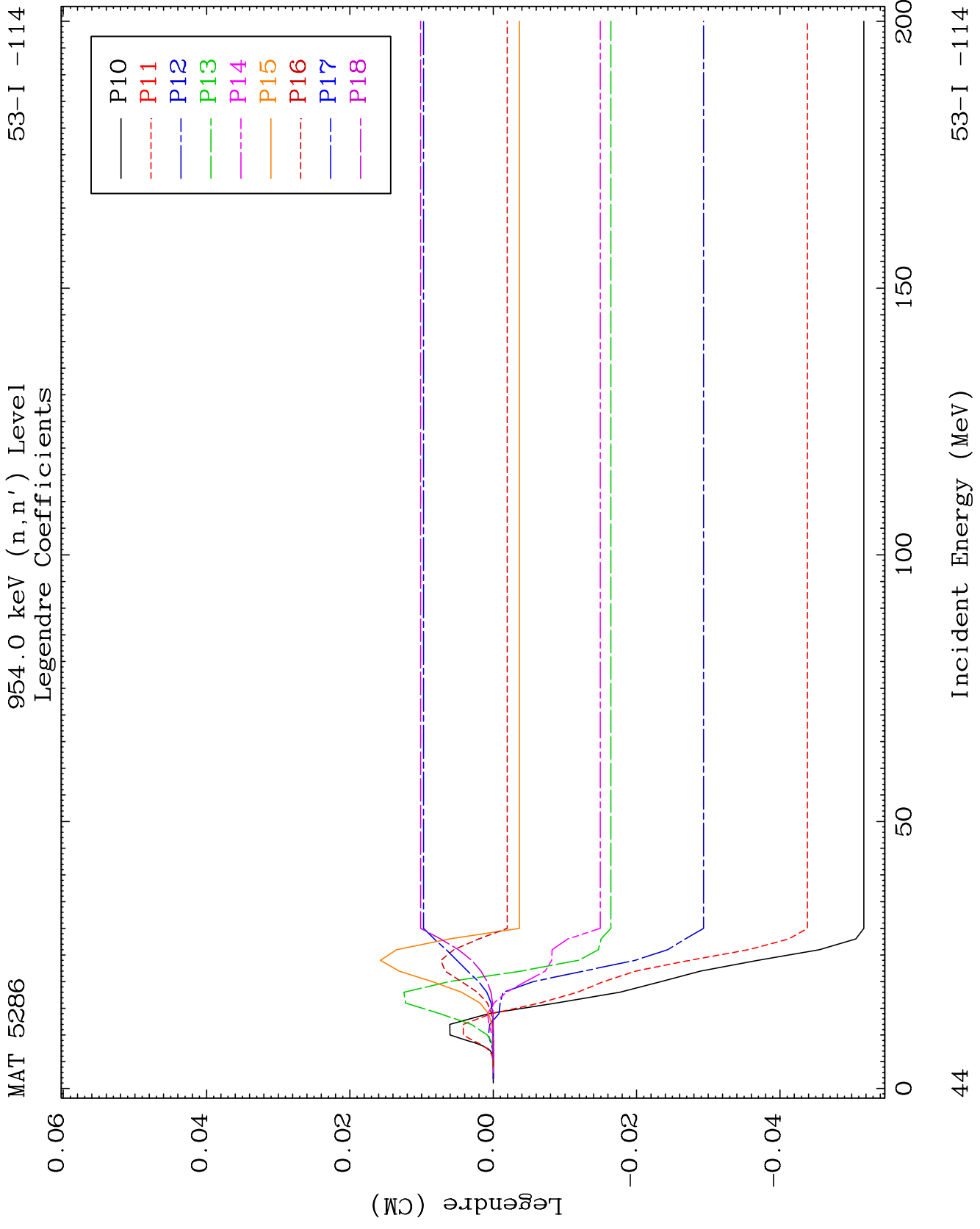
Incident Energy (MeV)

40





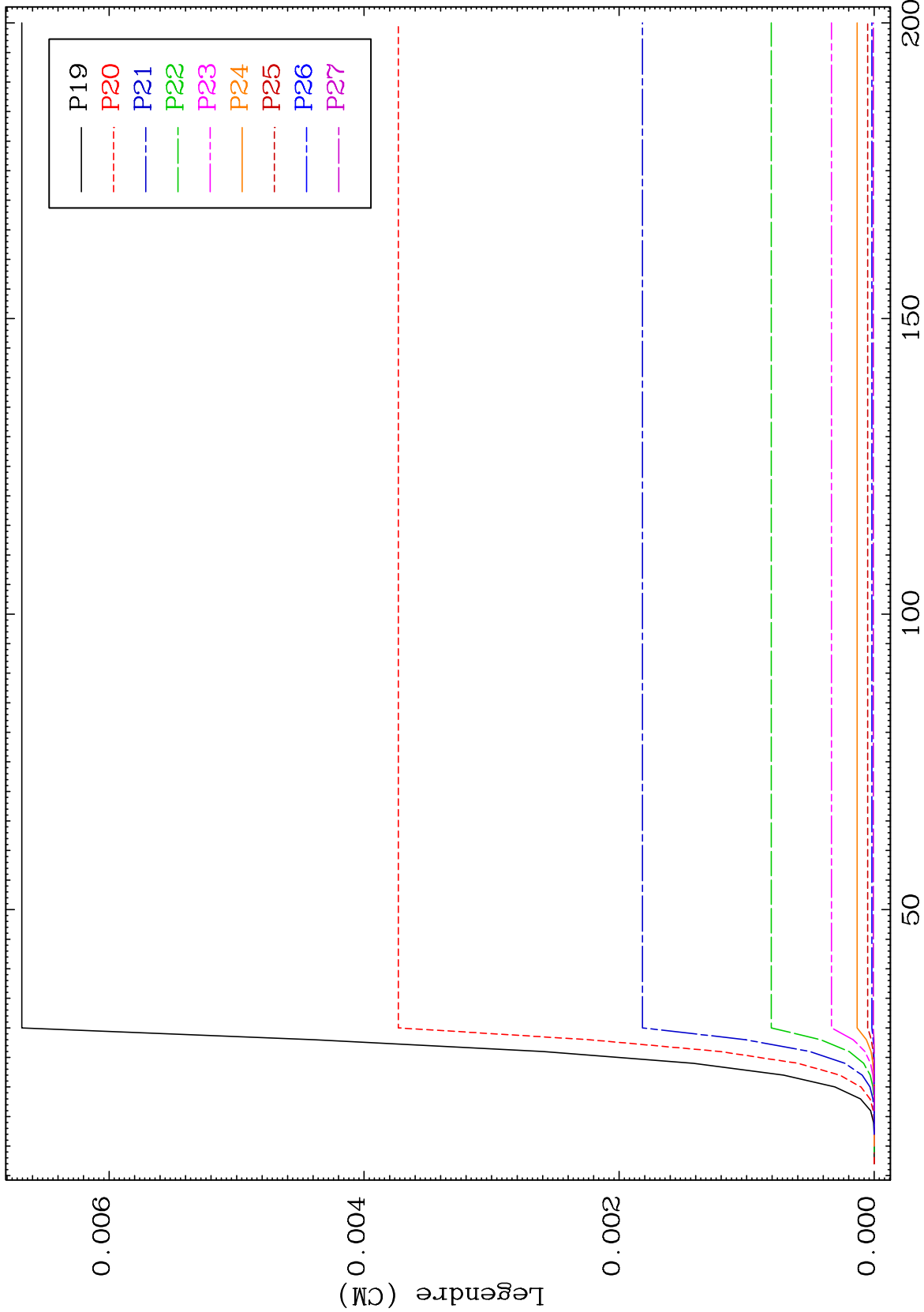




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954.0 keV (n,n') Level
Legendre Coefficients

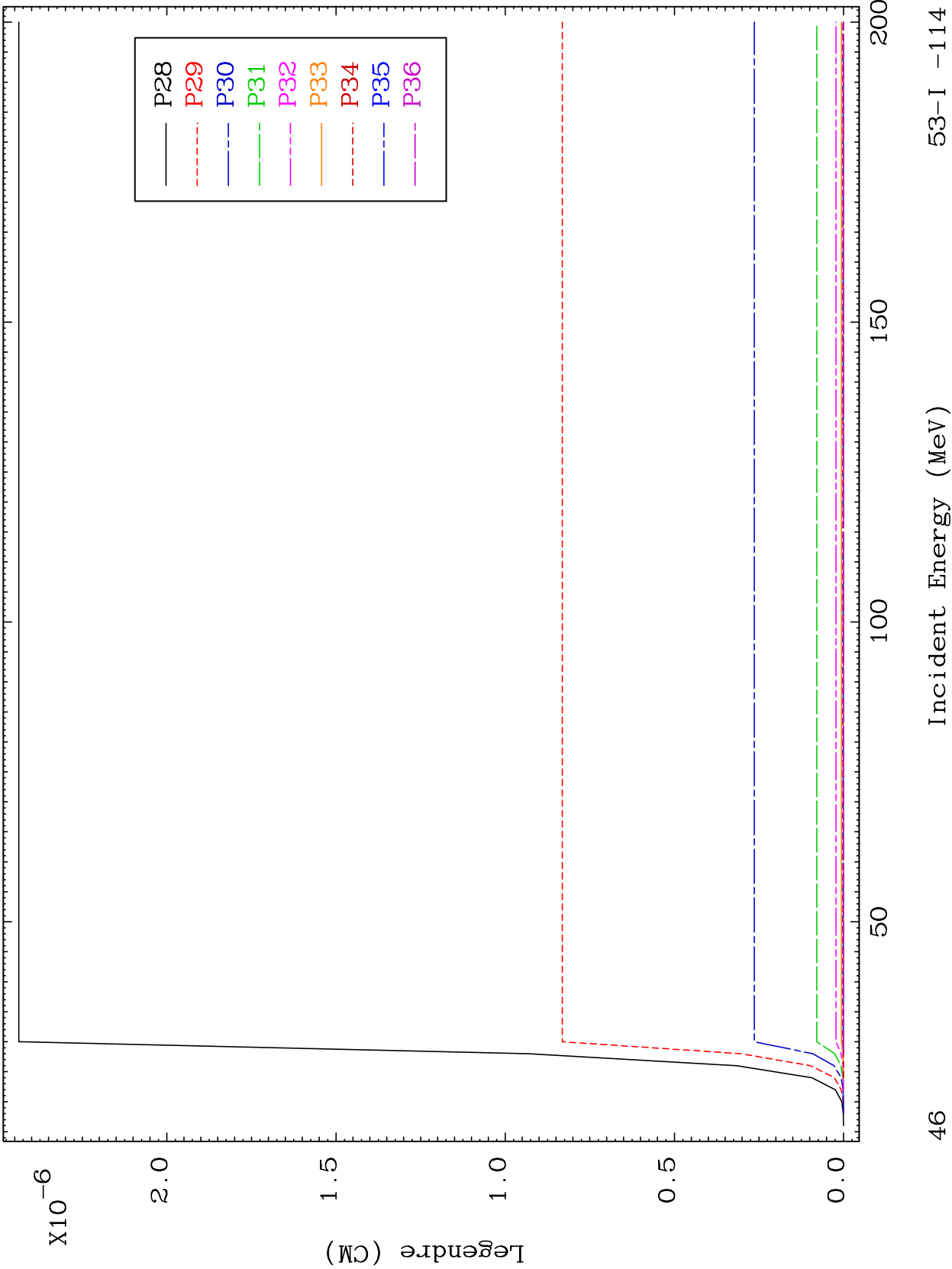
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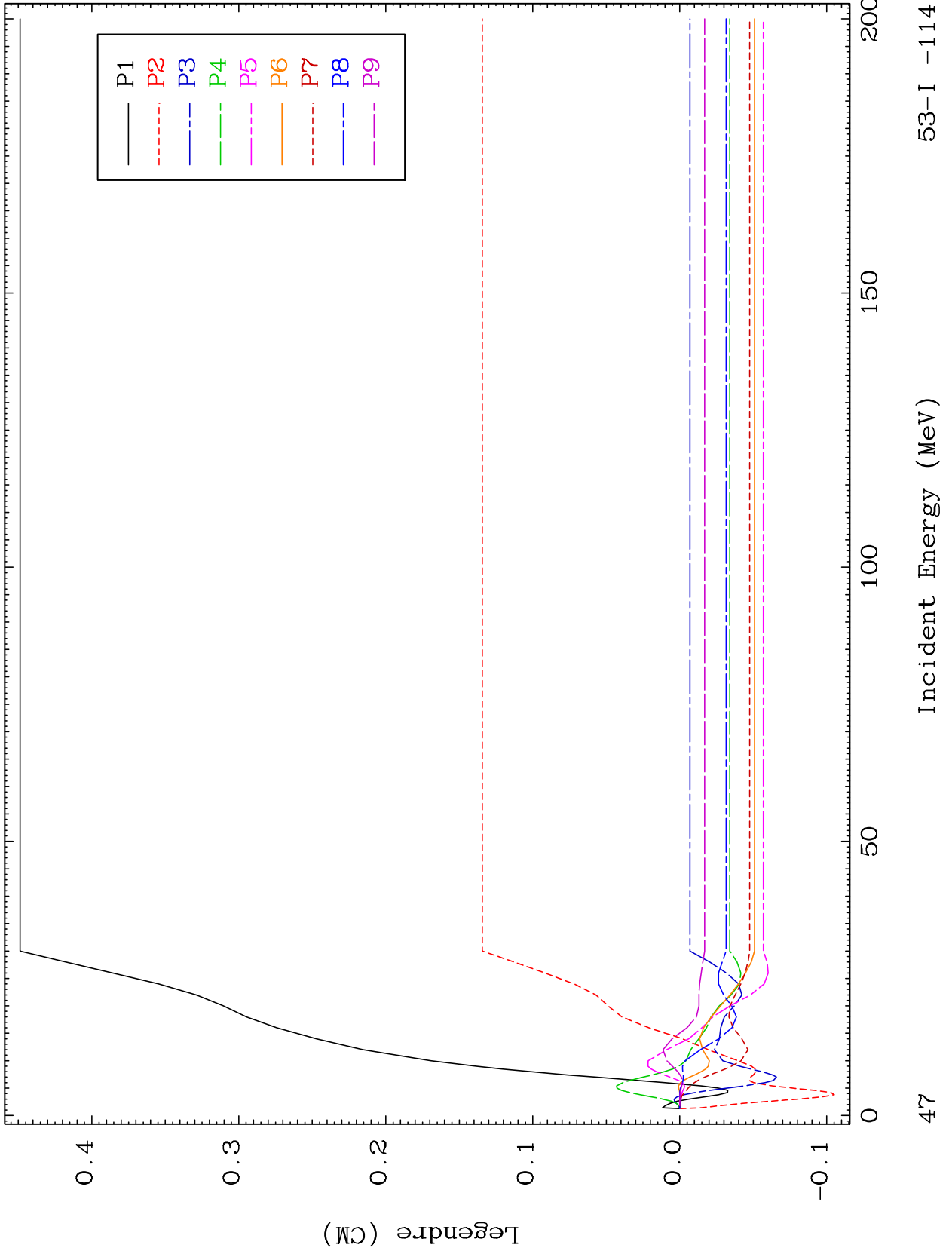


45

Incident Energy (MeV)

53-I -114

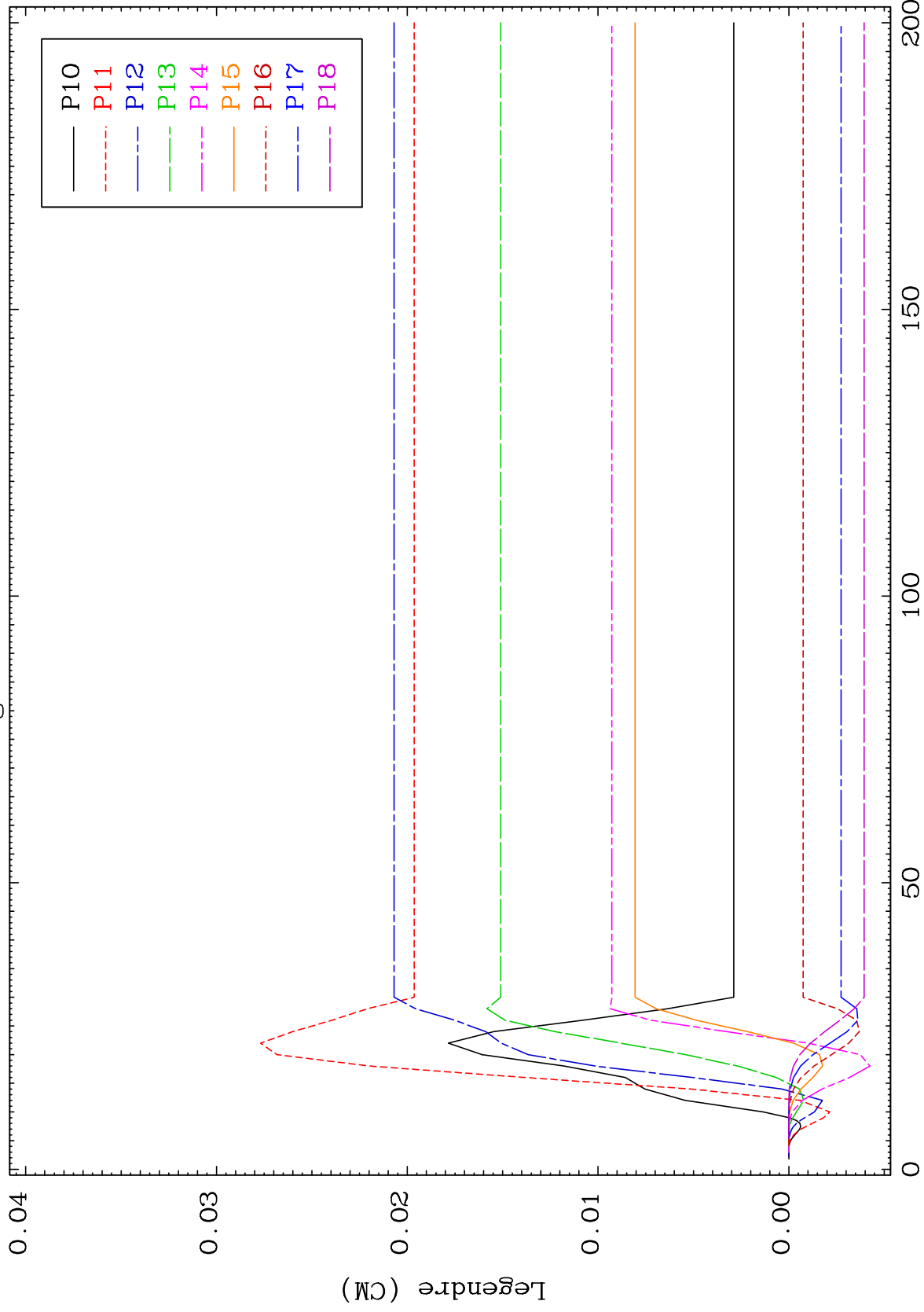




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1.236 MeV (n,n') Level
Legendre Coefficients

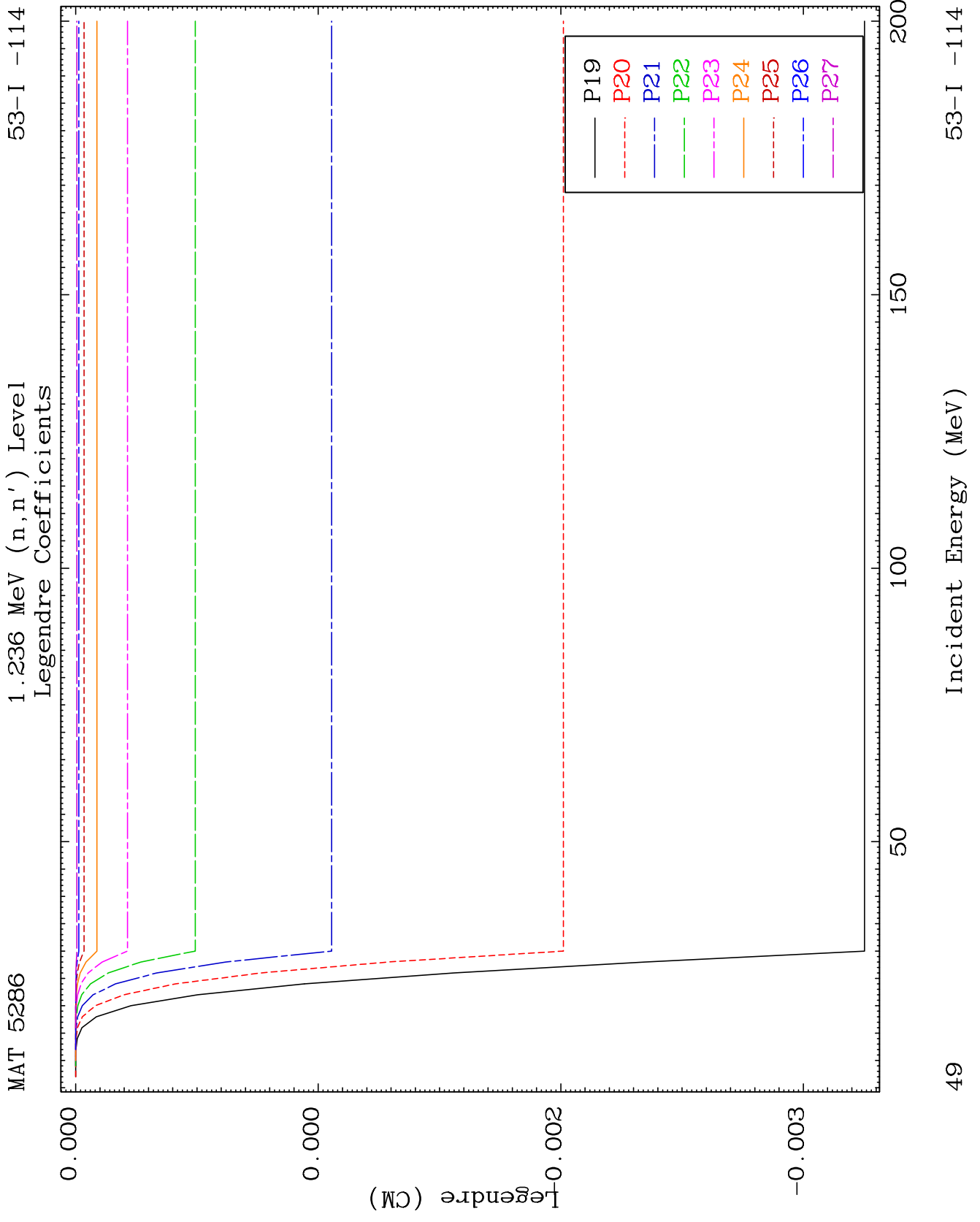
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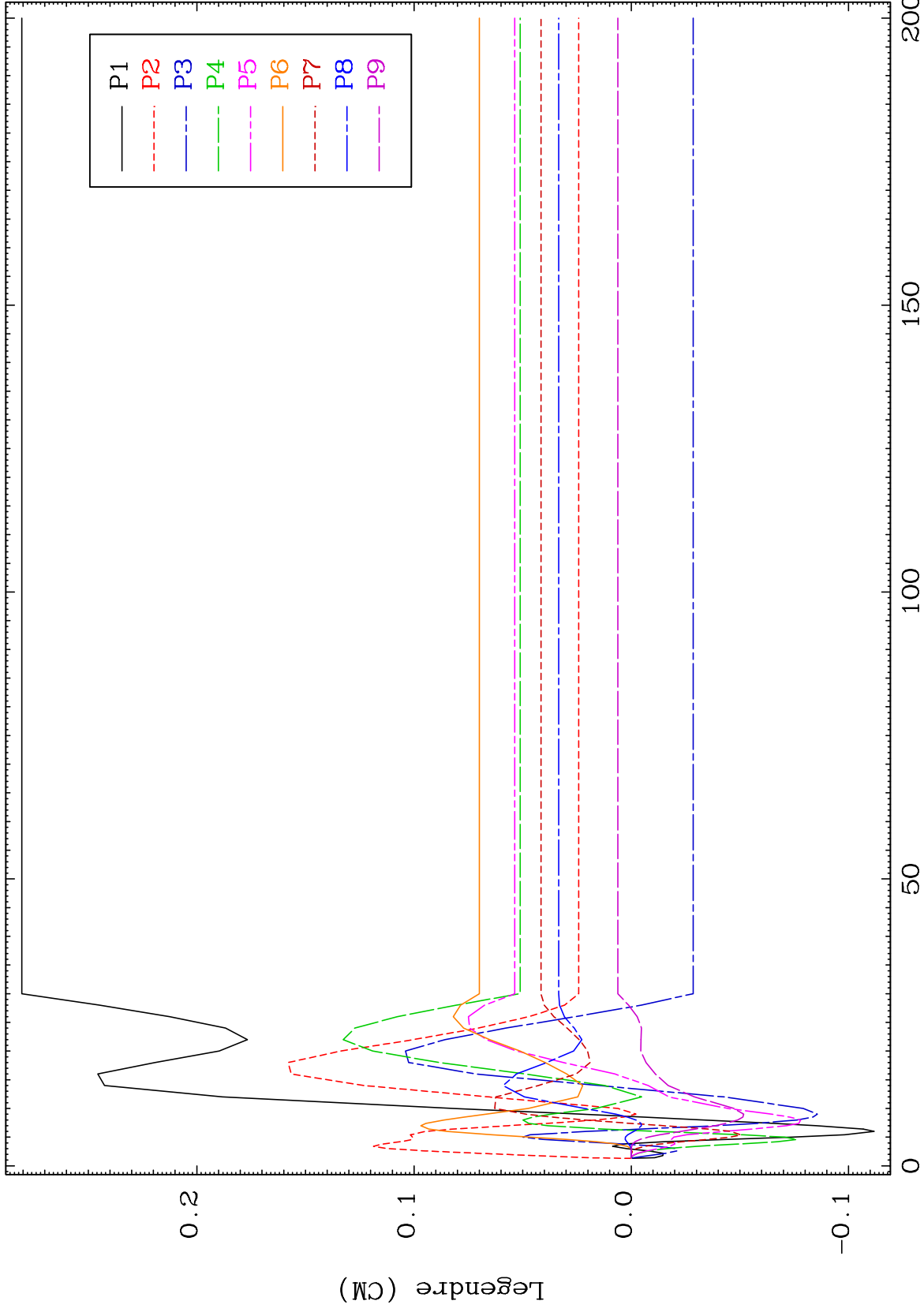


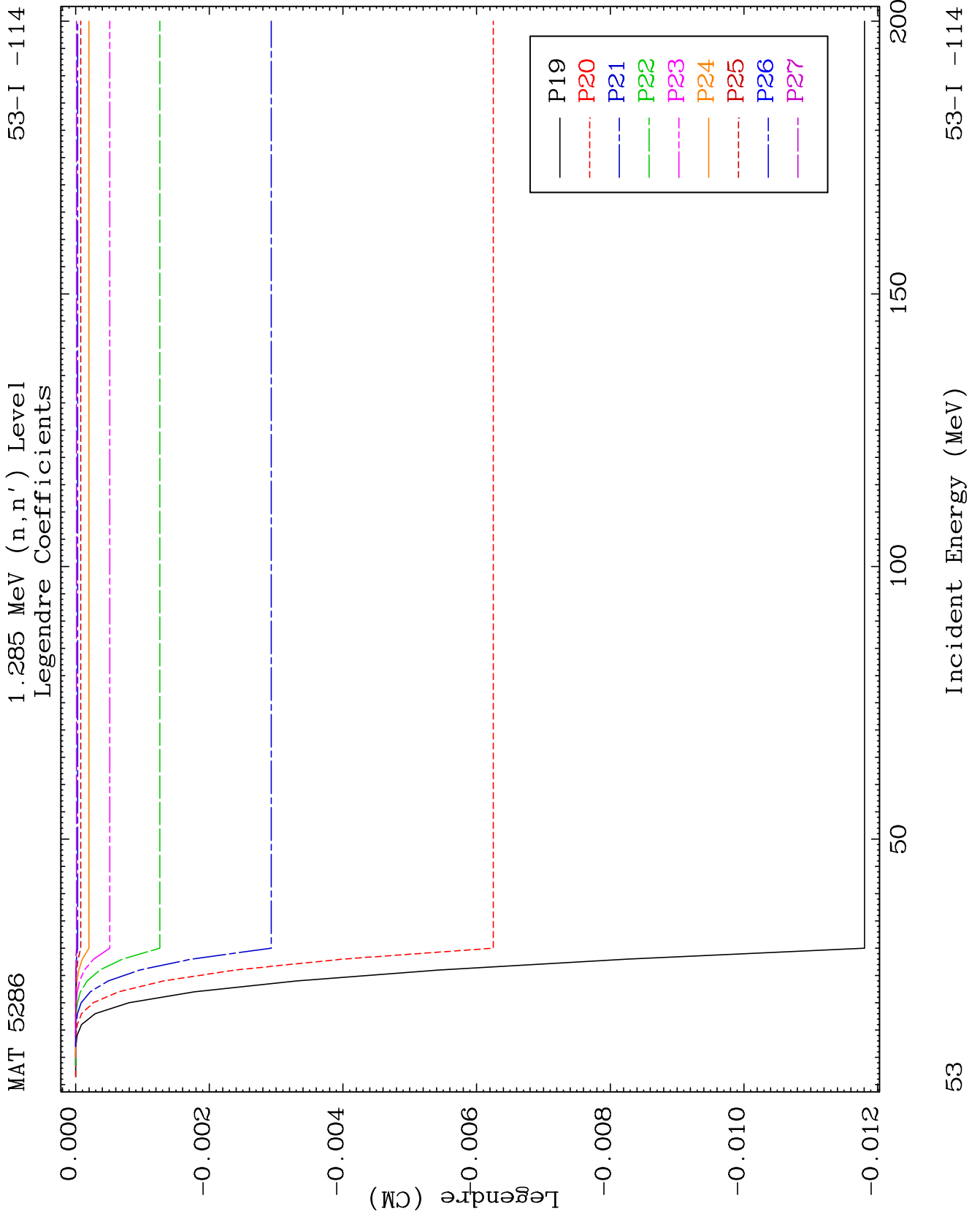
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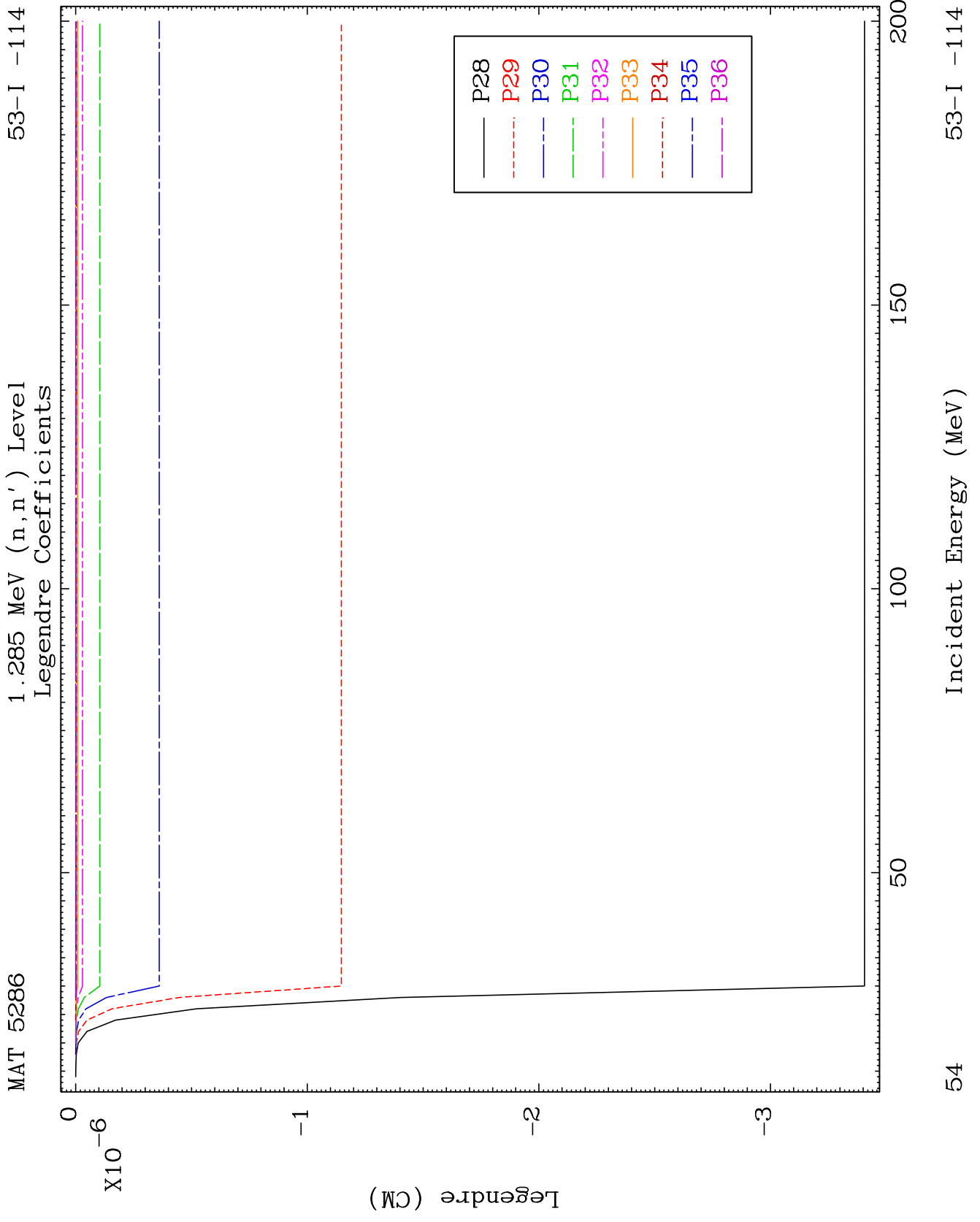
Incident Energy (MeV)

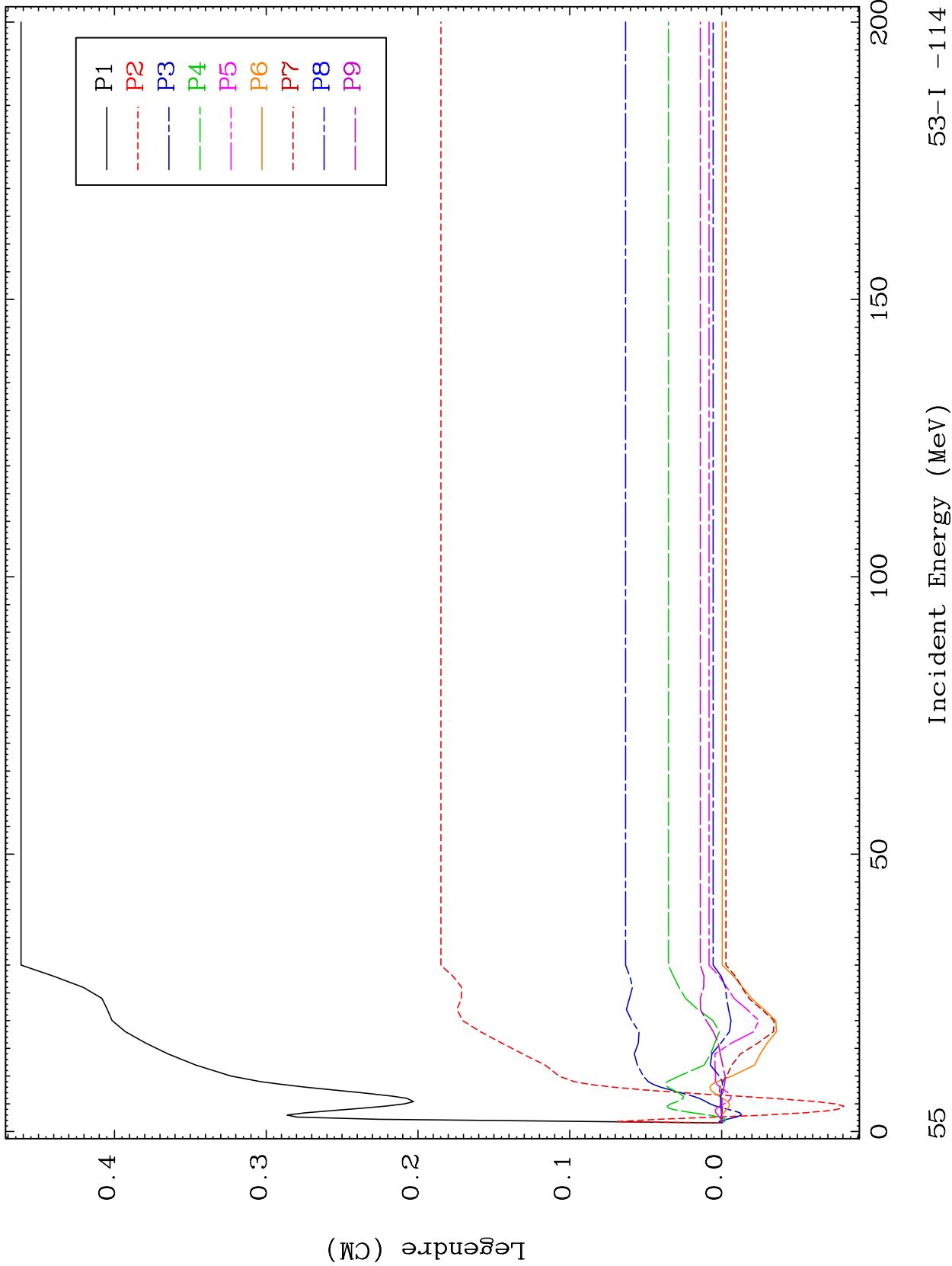
53-I -114

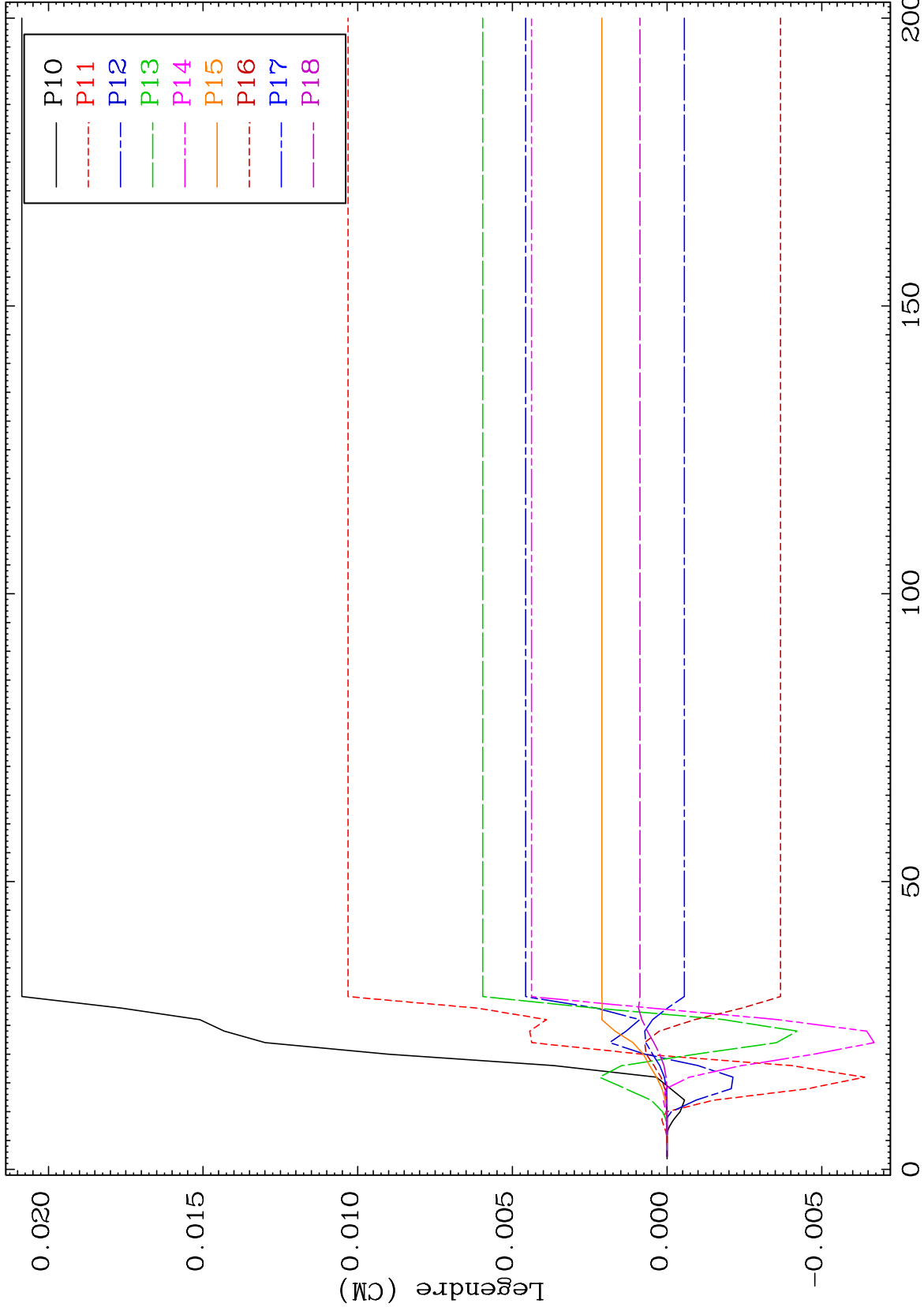


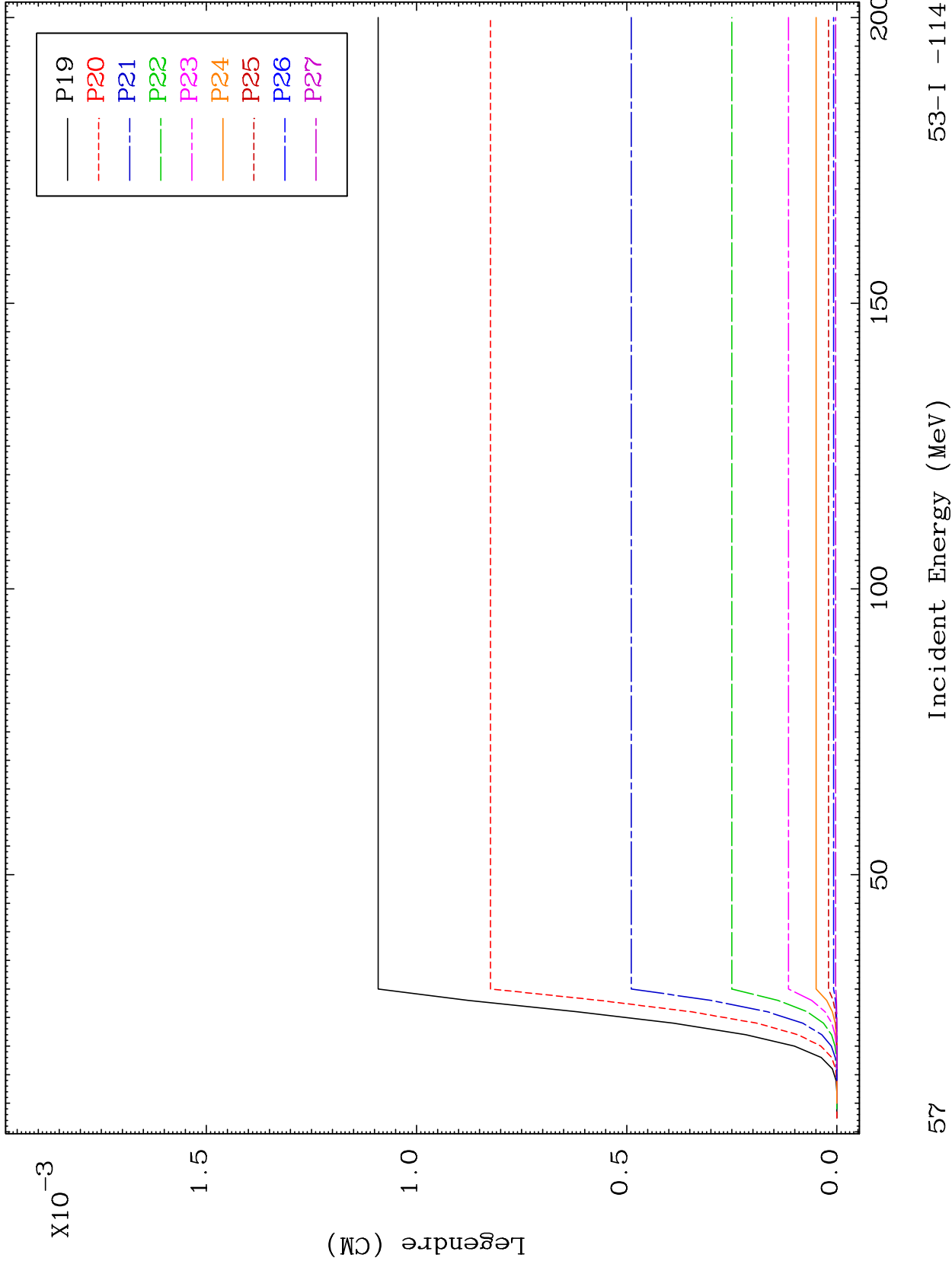








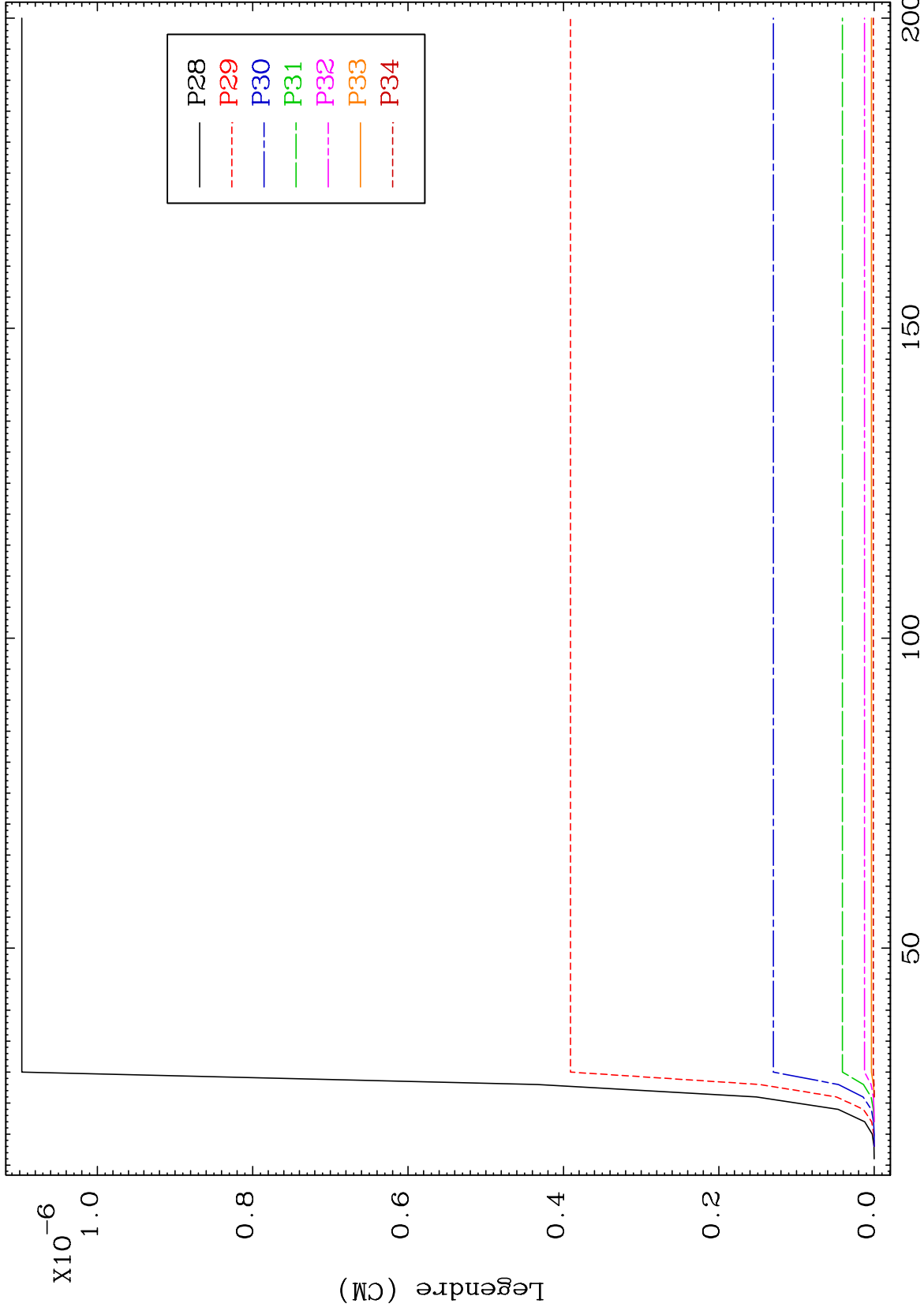




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1.530 MeV (n,n') Level
Legendre Coefficients

53-I -114



58

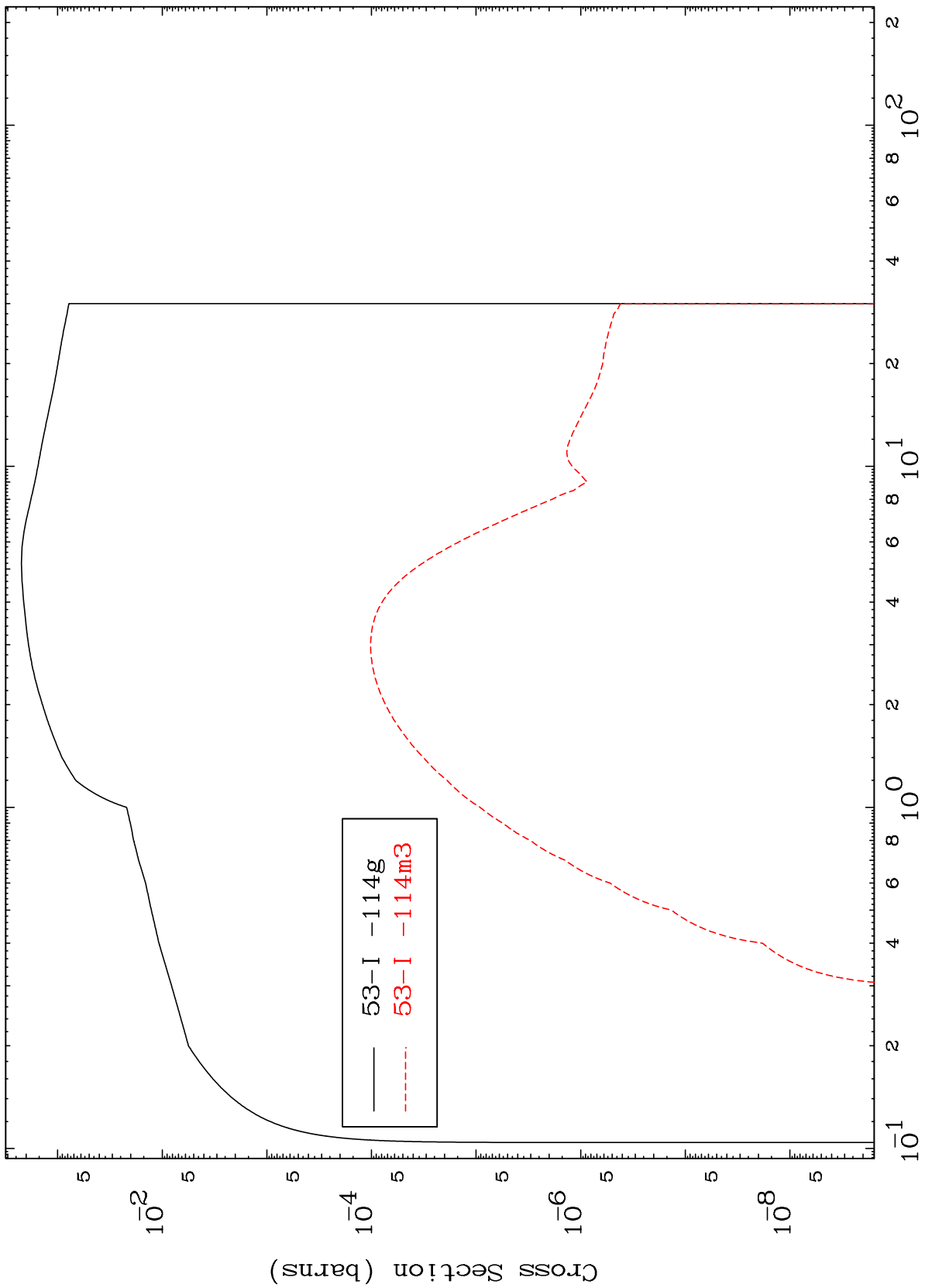
Incident Energy (MeV)

53-I -114

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53-I -114

Inelastic
Radionuclide Production Cross Section



53-I -114

Incident Energy (MeV)

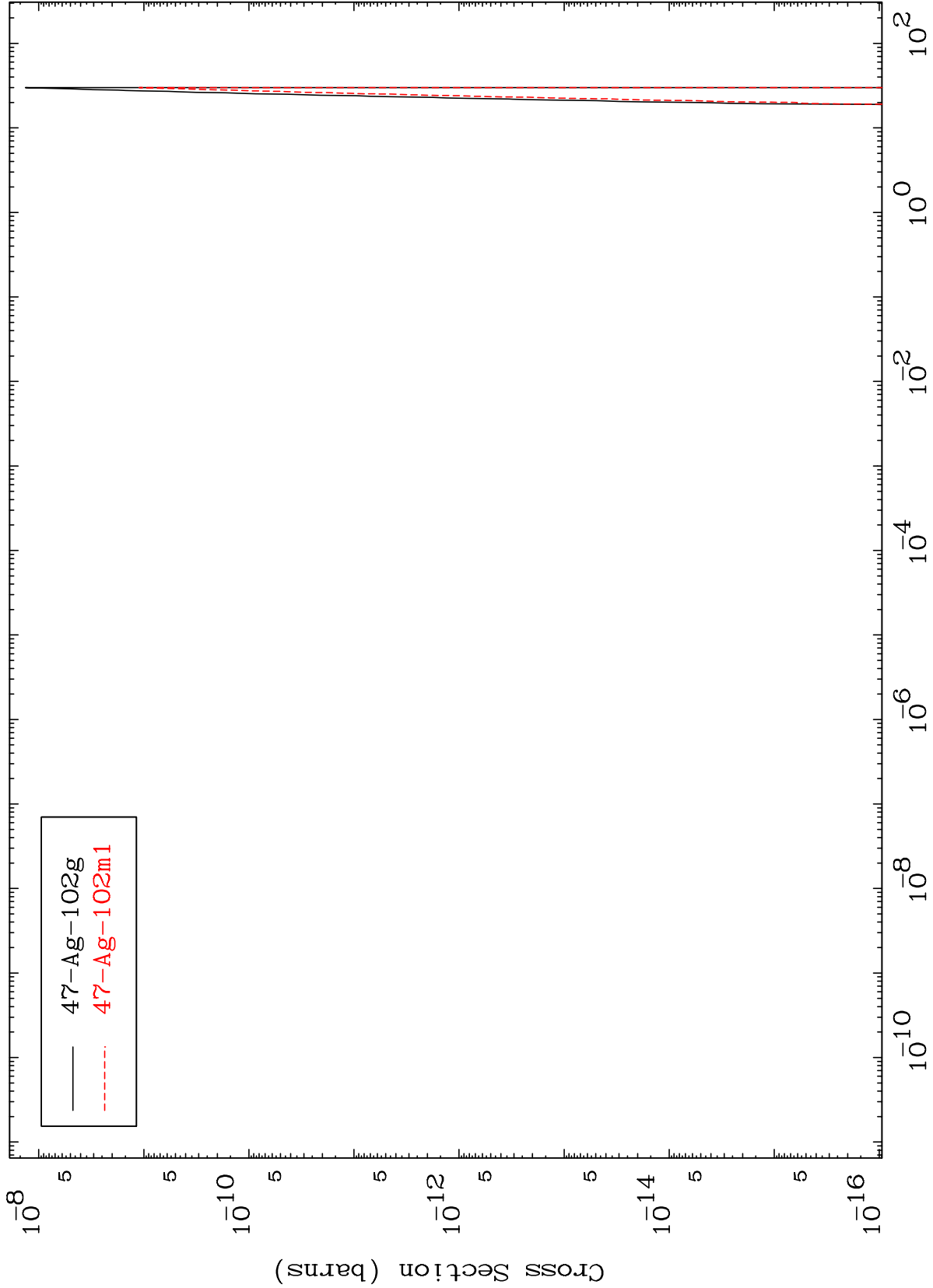
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(n,n') 3 α

53-I -114

Radionuclide Production Cross Section



— 47-Ag-102g
- - - 47-Ag-102m1

60

Incident Energy (MeV)

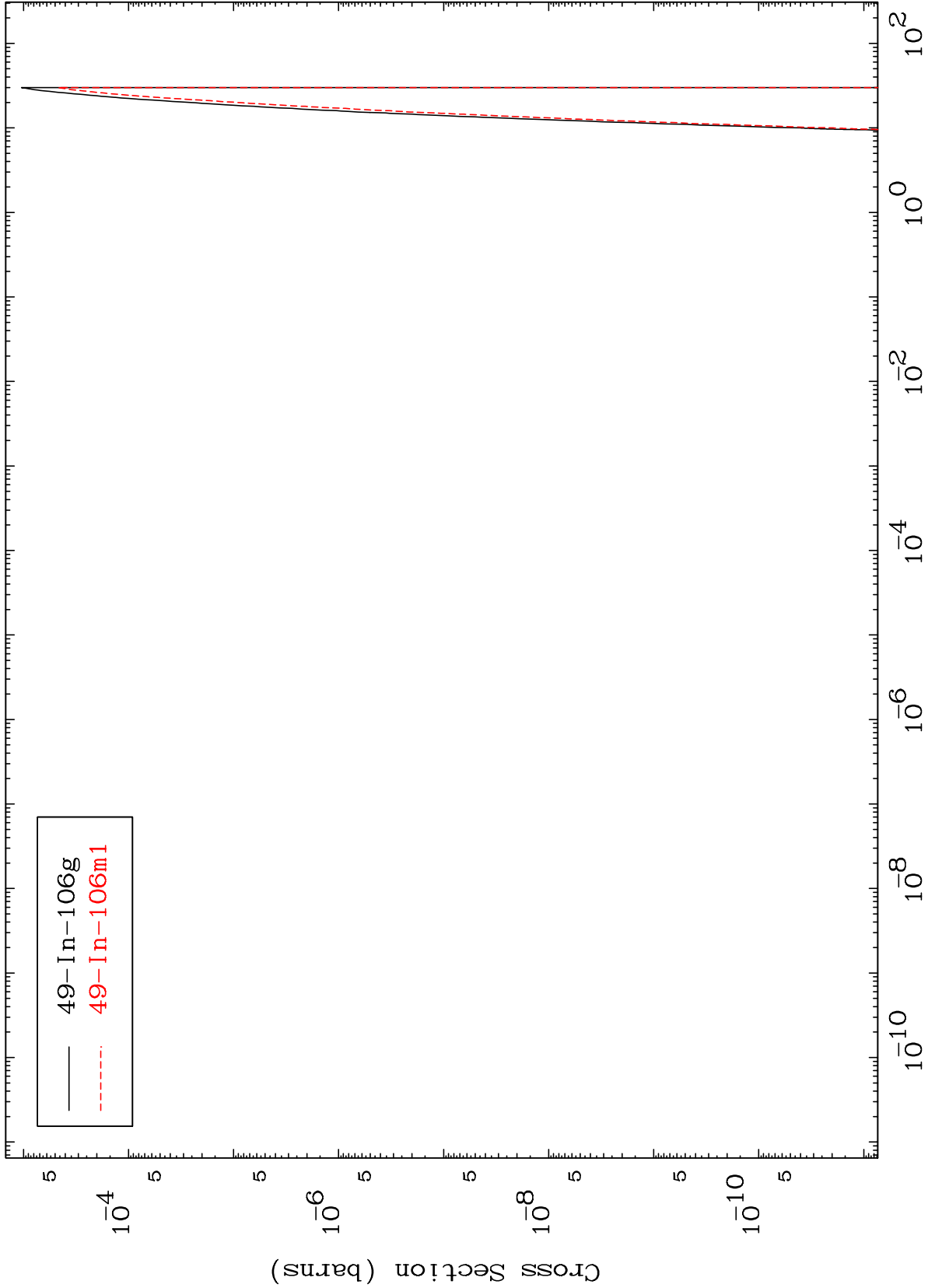
53-I -114

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(n,n') 2α

53-I -114

Radionuclide Production Cross Section



61

Incident Energy (MeV)

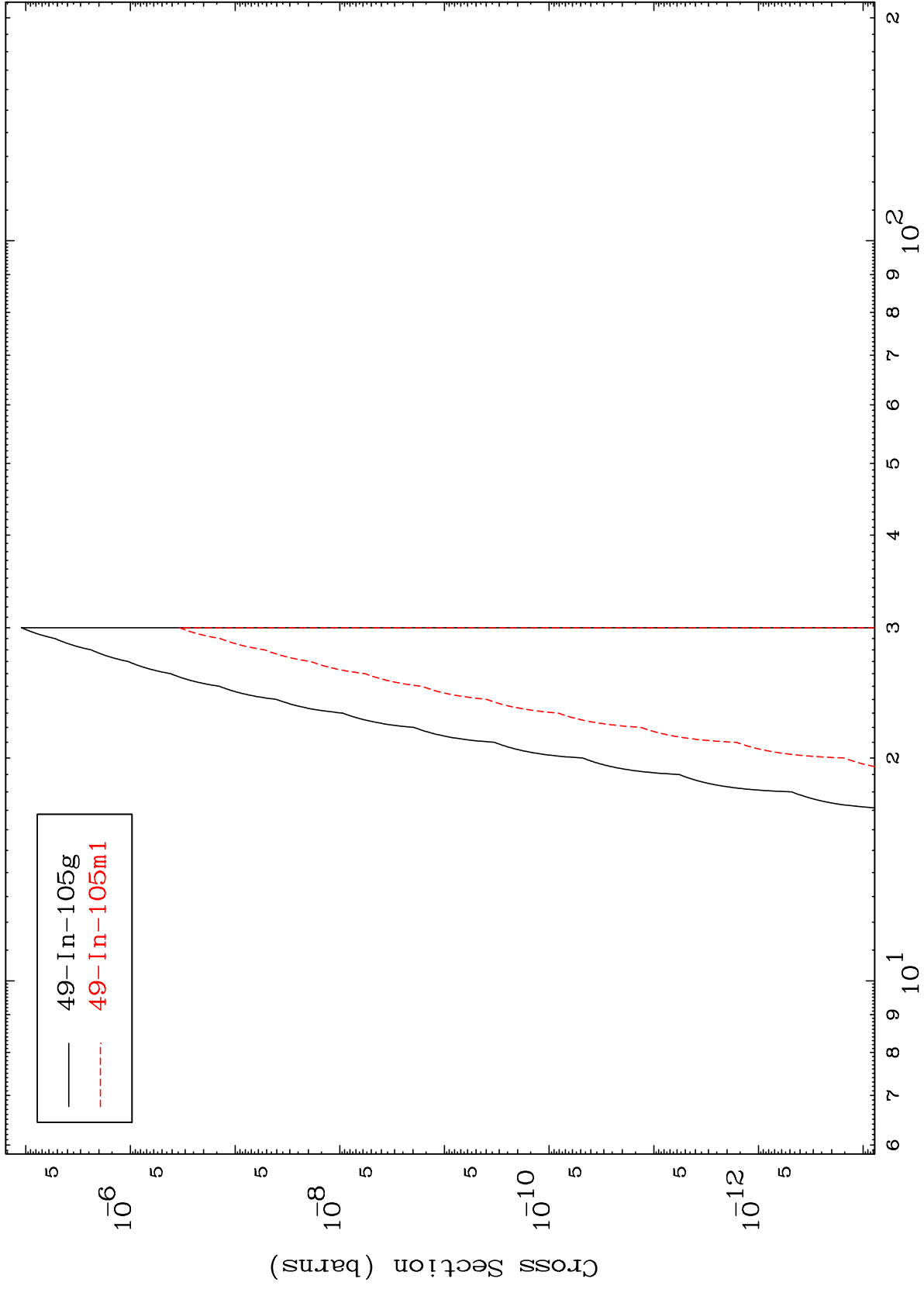
53-I -114

MAT 5286

(n,2n) 2α

53-I -114

Radionuclide Production Cross Section



— 49-In-105g
- - - 49-In-105m1

62

Incident Energy (MeV)

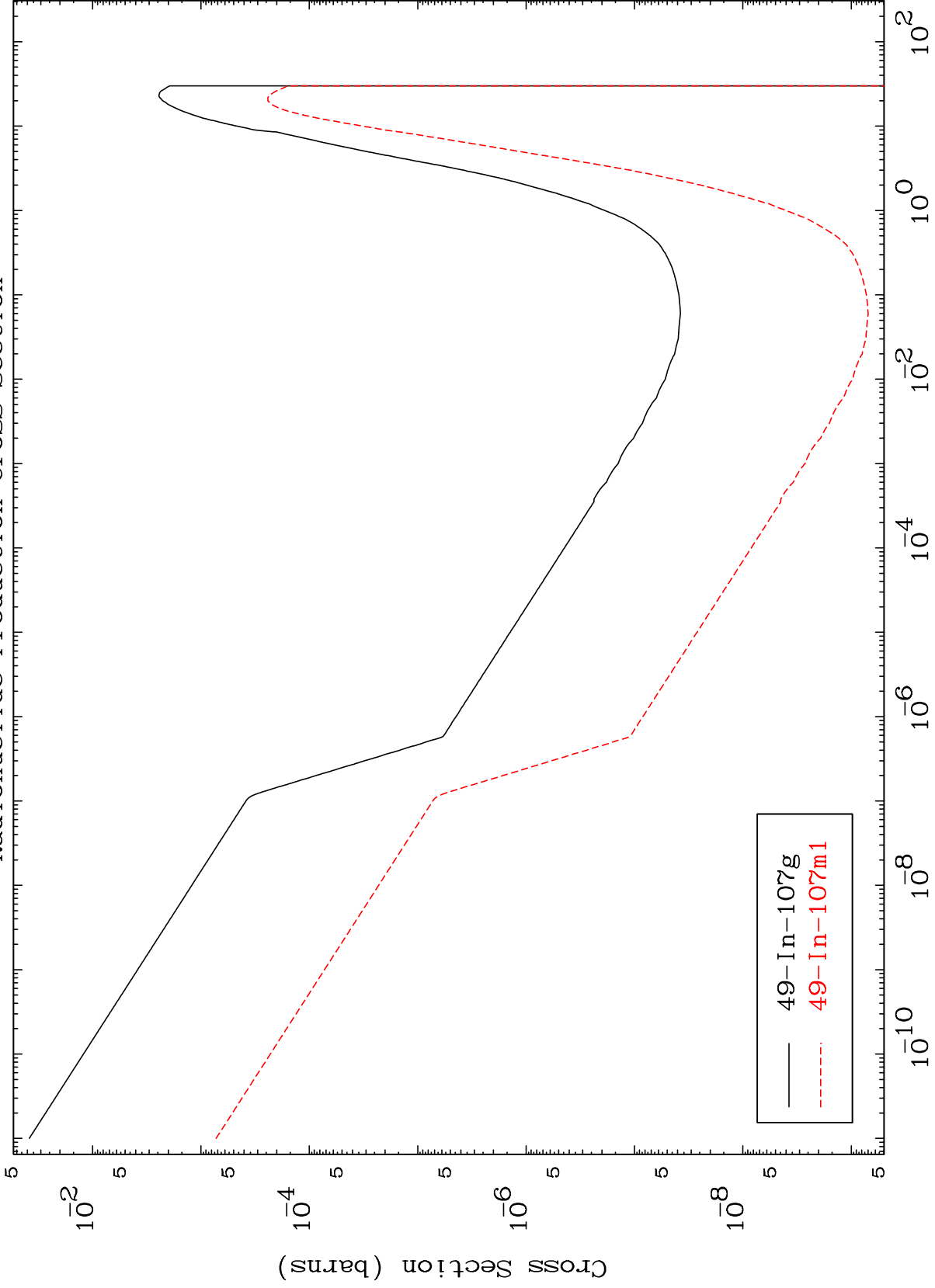
53-I -114

MAT 5286

(n,2α)

53-I -114

Radionuclide Production Cross Section



63

Incident Energy (MeV)

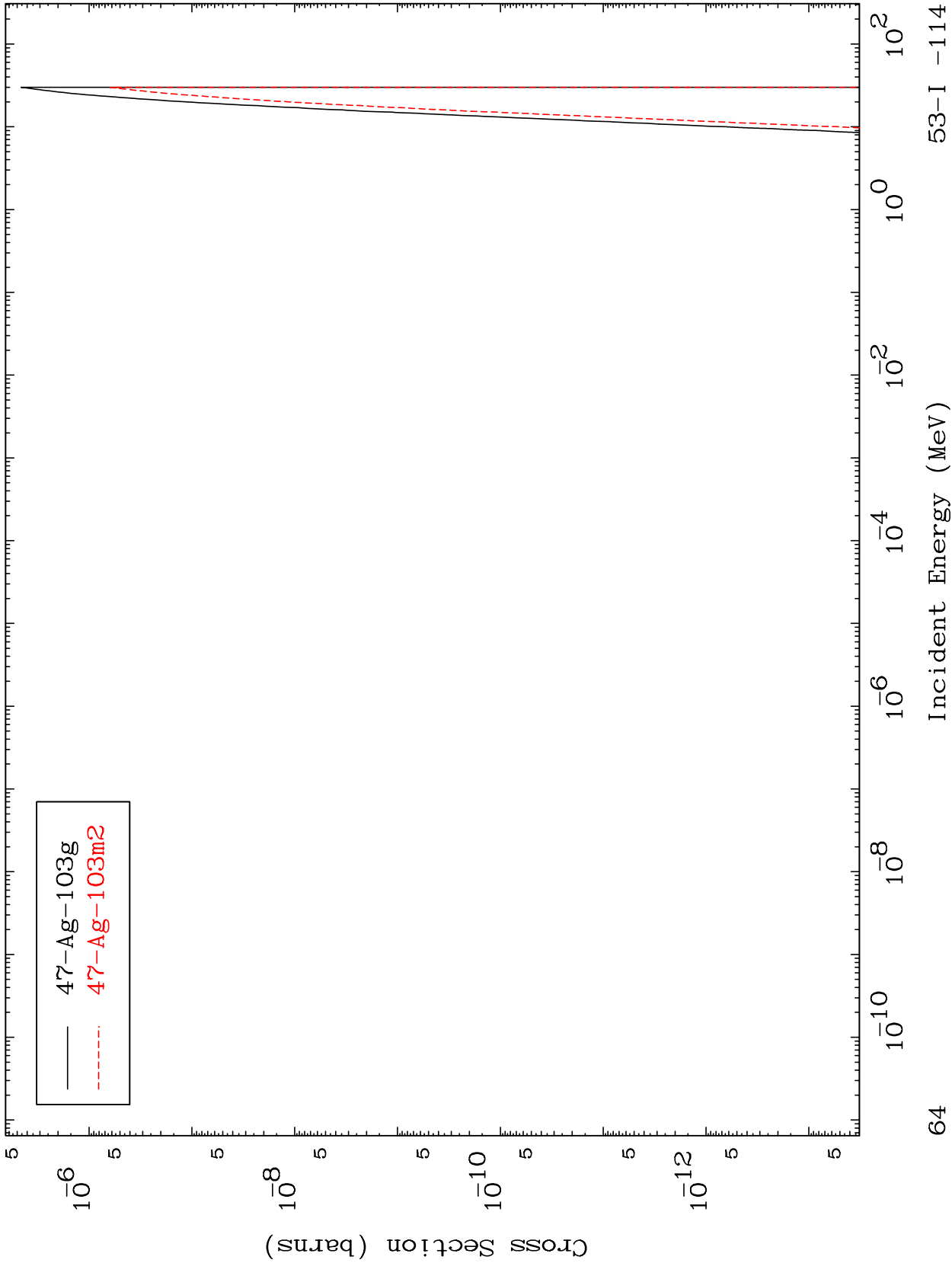
53-I -114

MAT 5286

(n,3 α)

53-I -114

Radionuclide Production Cross Section



— 47-Ag-103g
- - - 47-Ag-103m2

64

Incident Energy (MeV)

53-I -114