

Program EVALPLOT
(Version 2018-1)

by

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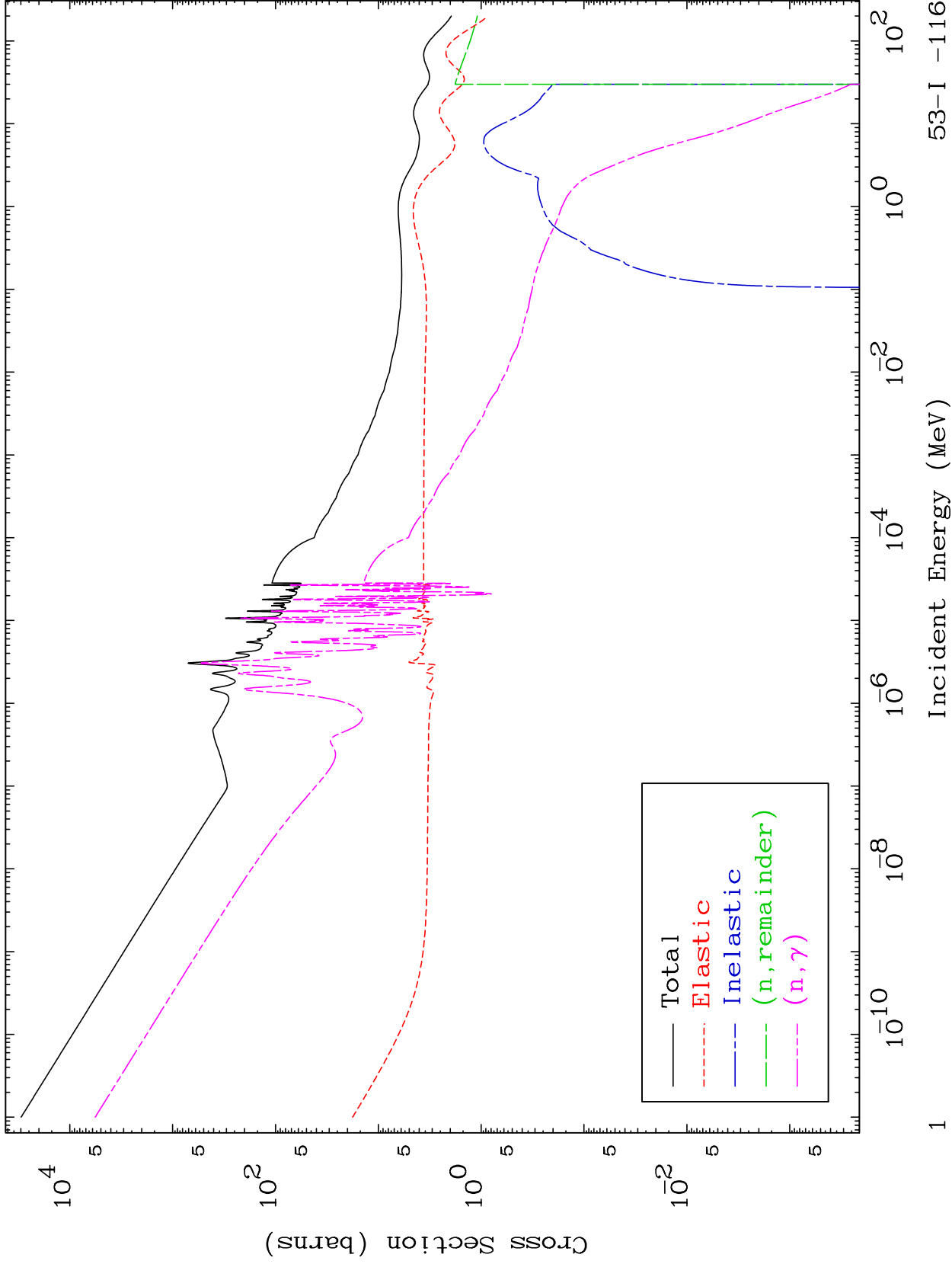
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Press Mouse Button to Start

MAT 5292

Major
293 Kelvin Cross Sections

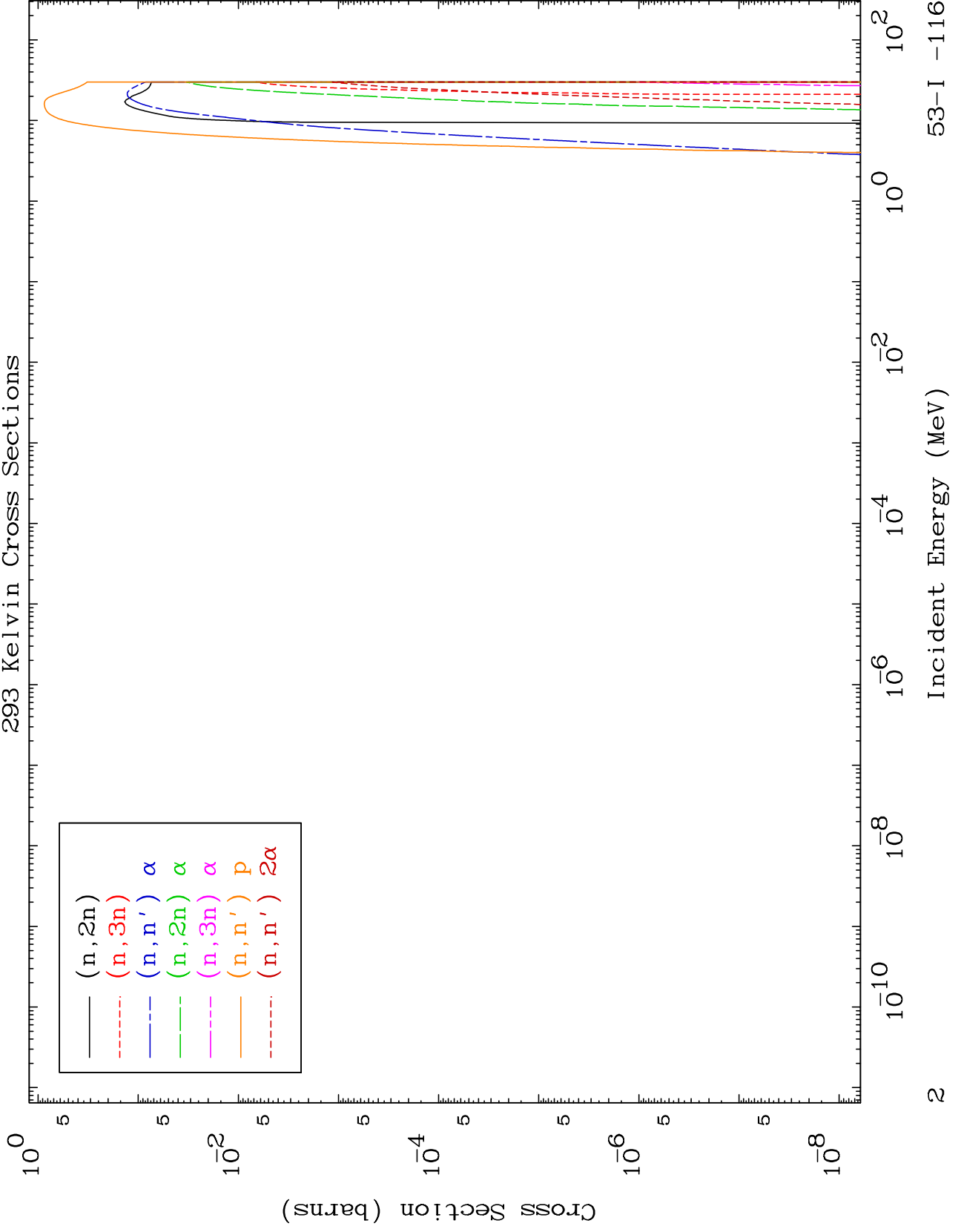
53-I -116

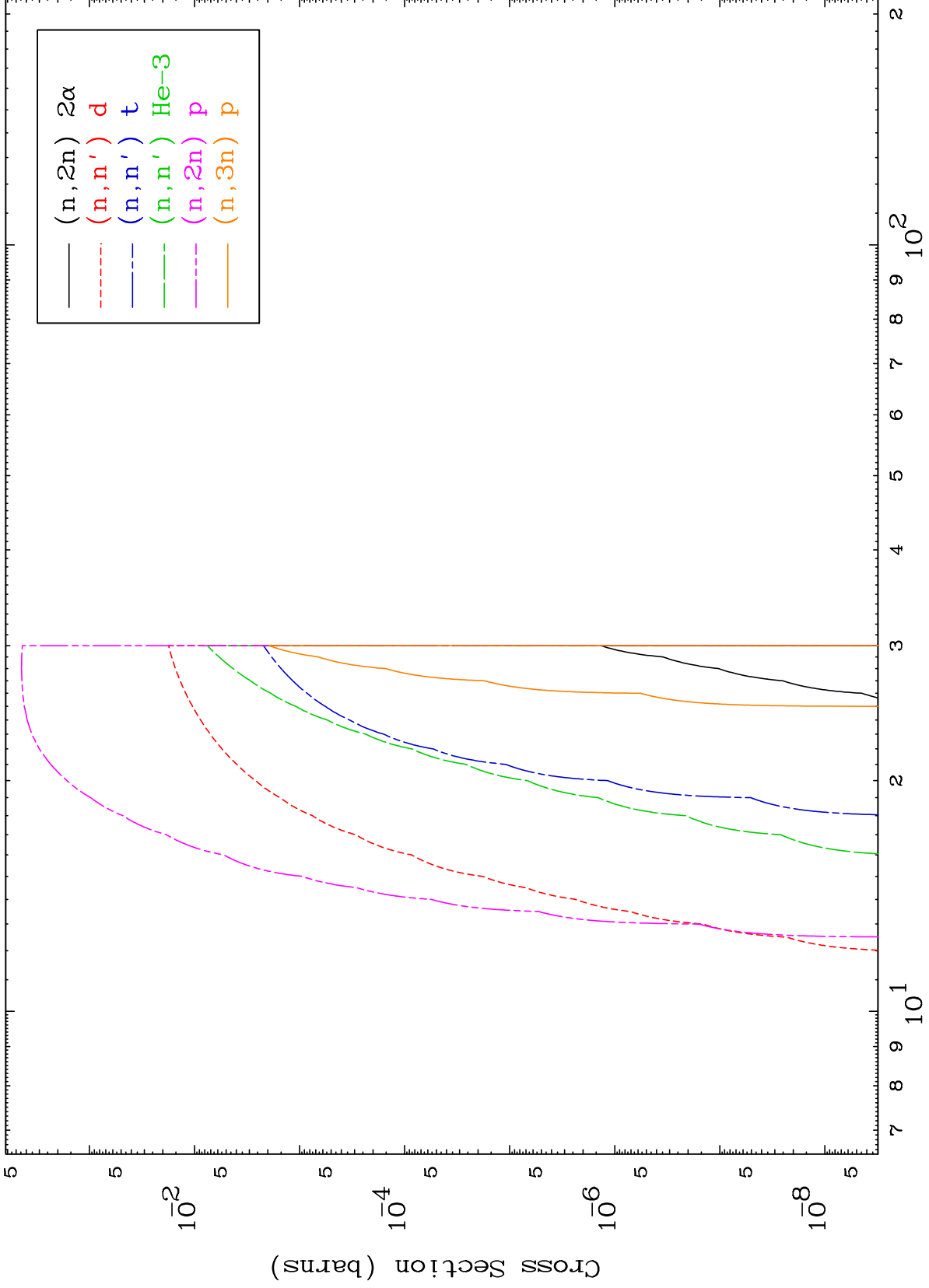


MAT 5292

Neutron Production
293 Kelvin Cross Sections

53-I -116

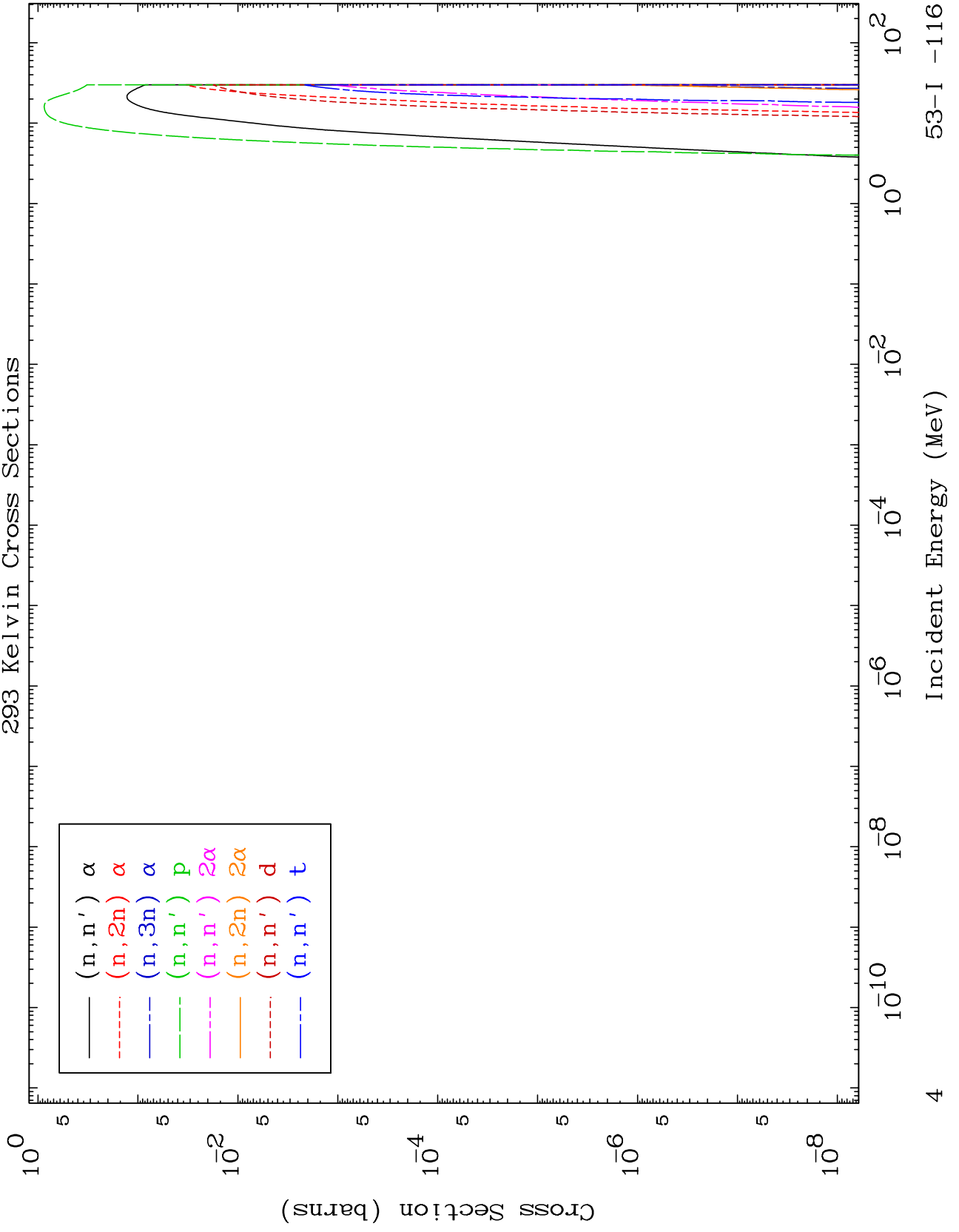


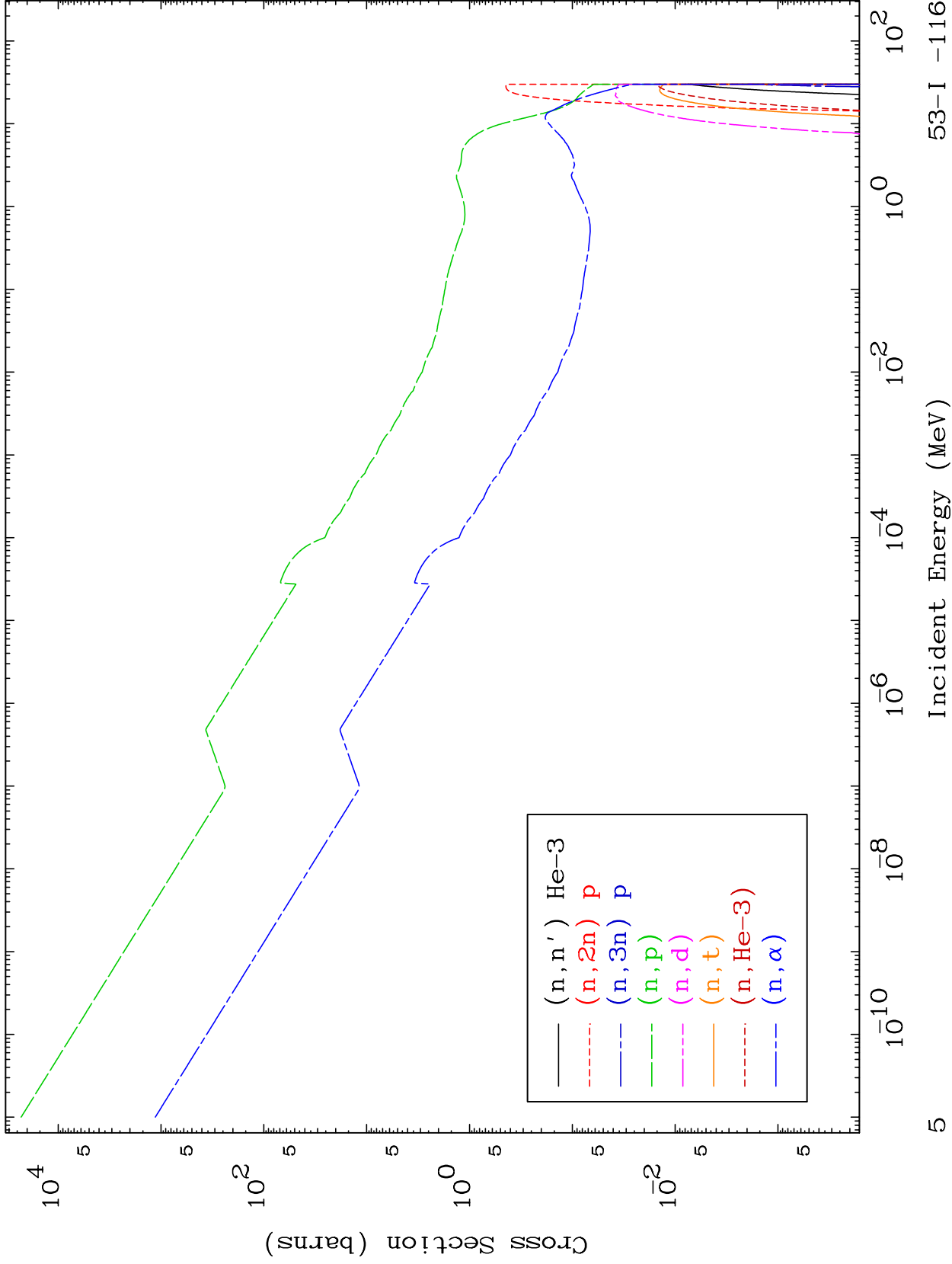


MAT 5292

Charged Particle
293 Kelvin Cross Sections

53-I -116

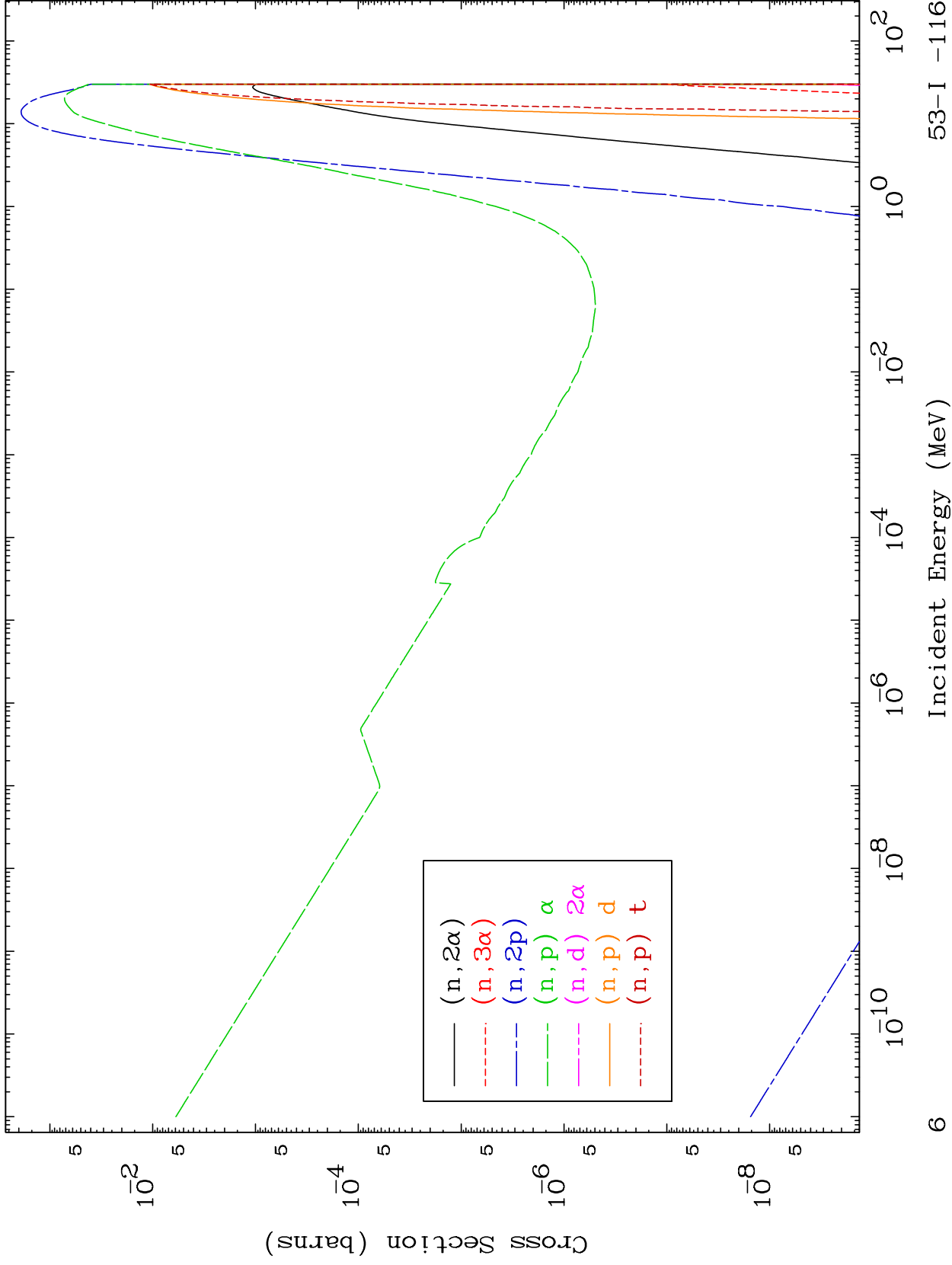


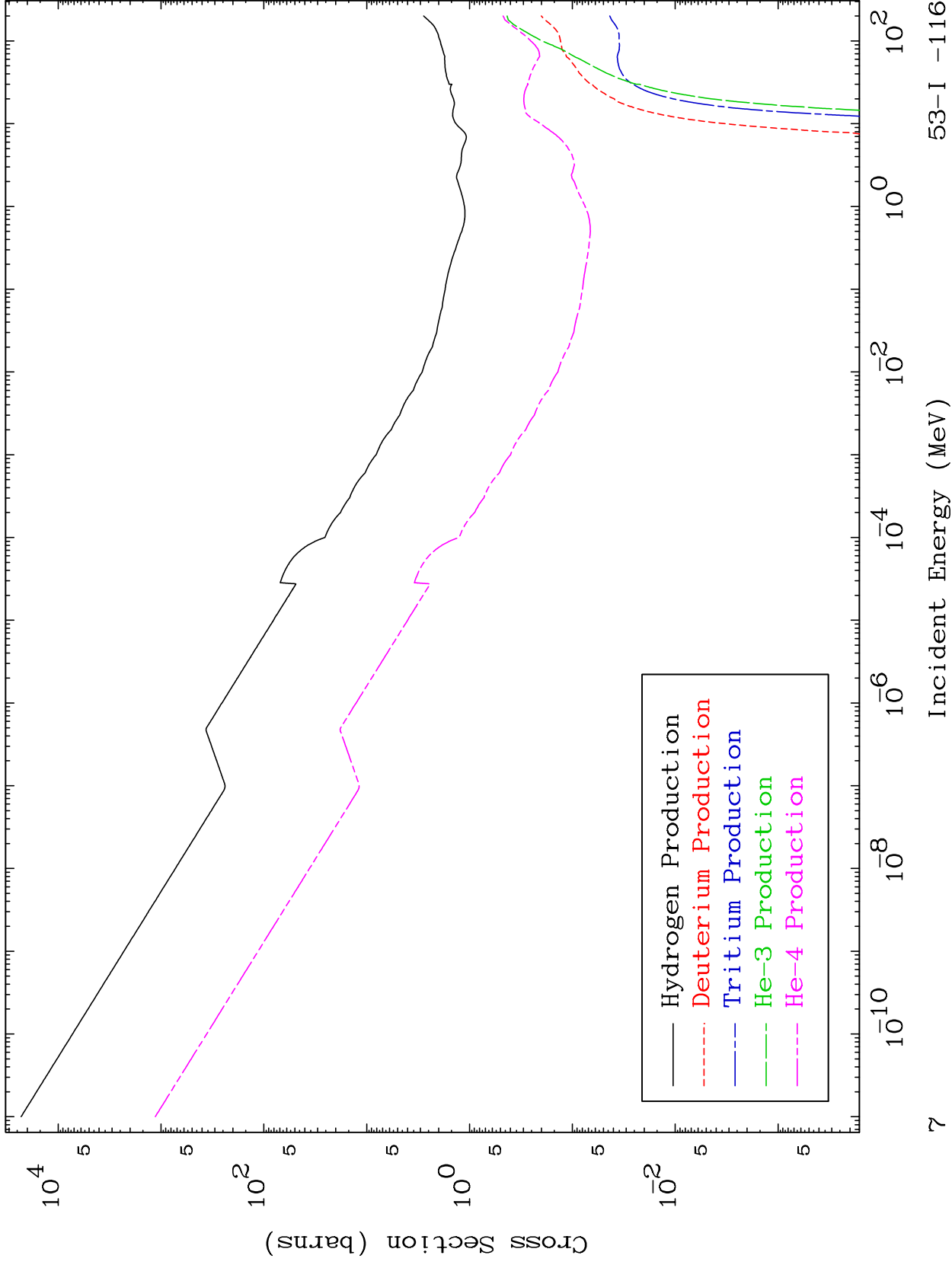


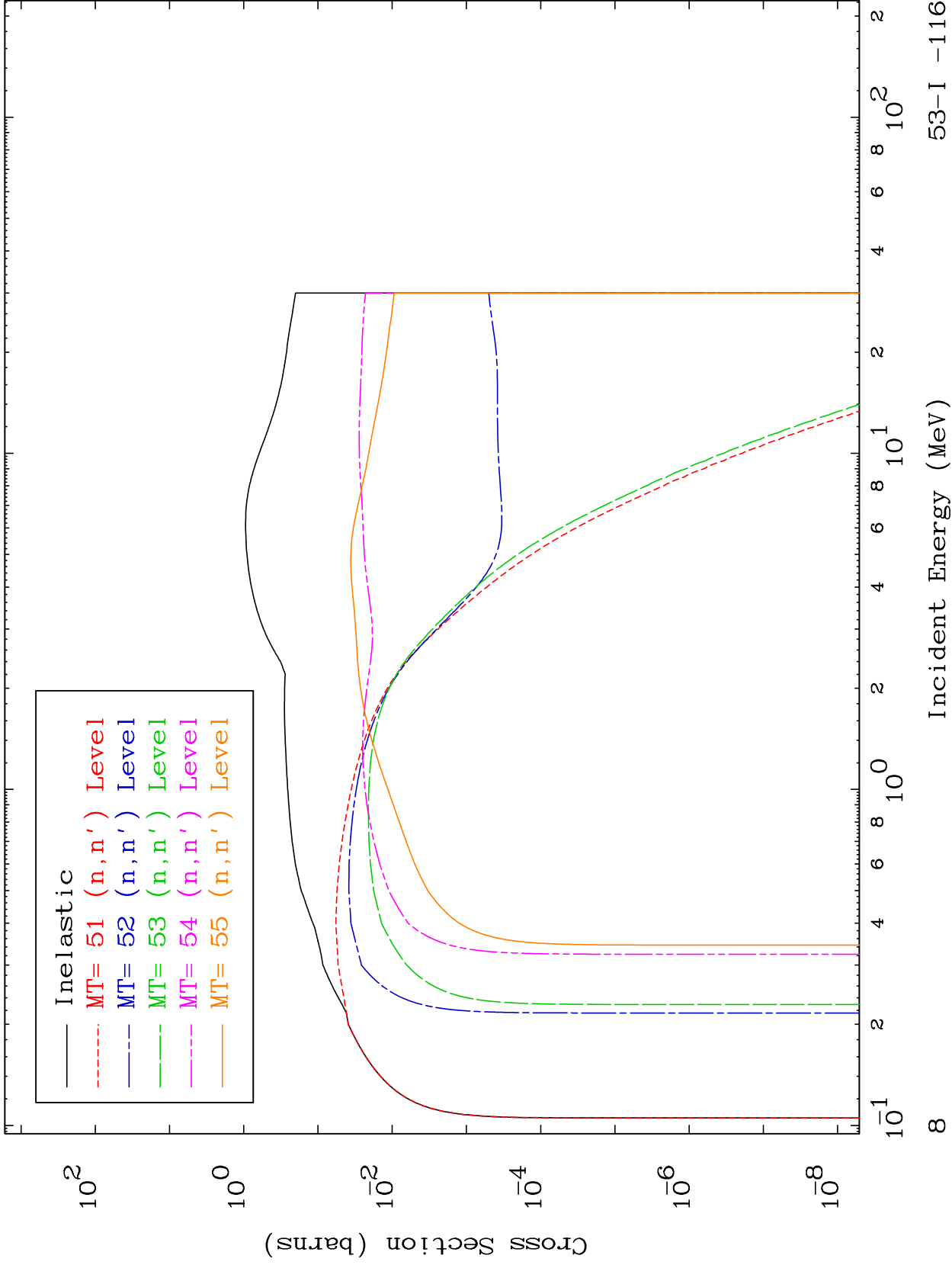
MAT 5292

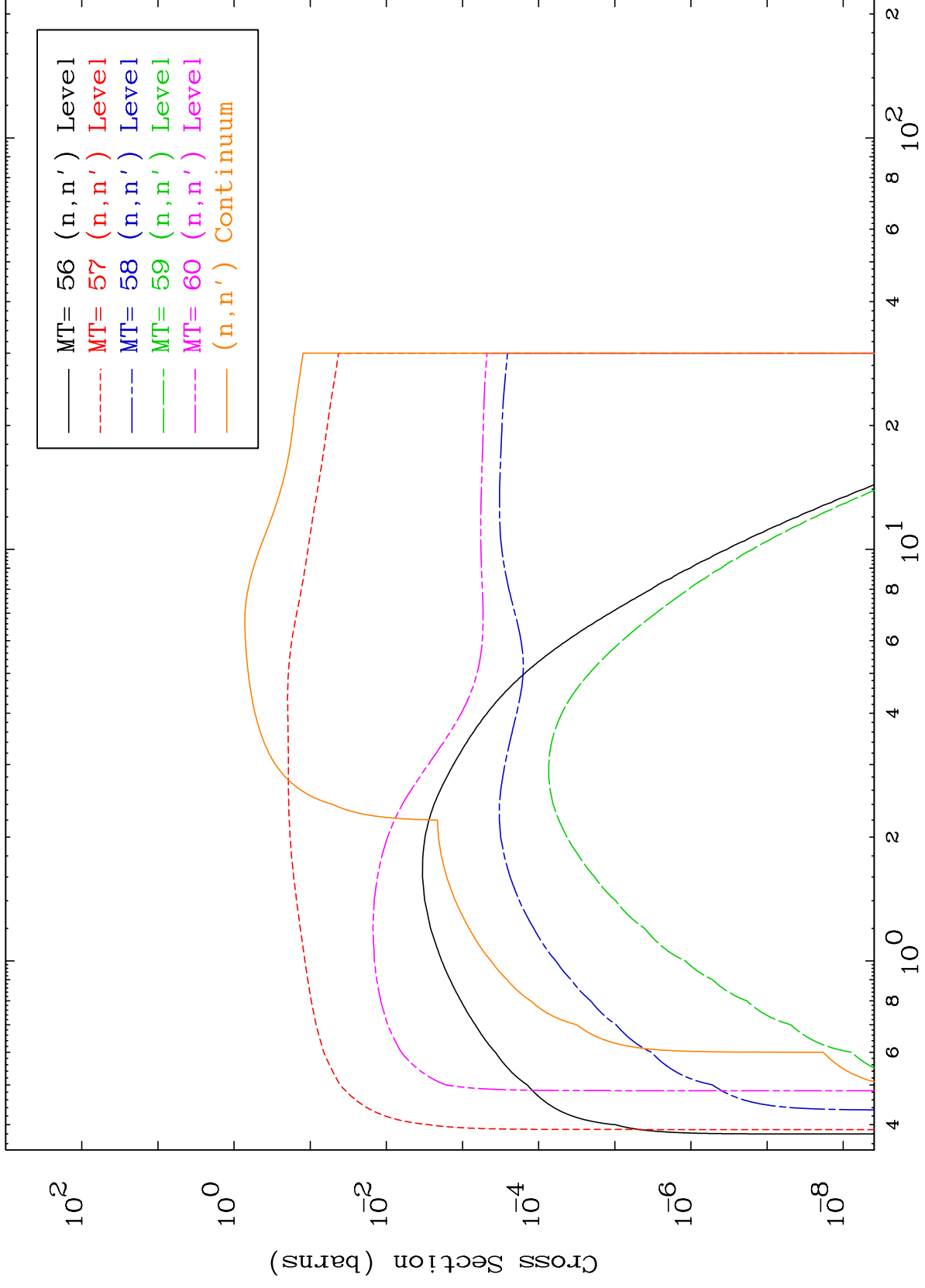
Charged Particle
293 Kelvin Cross Sections

53-I -116





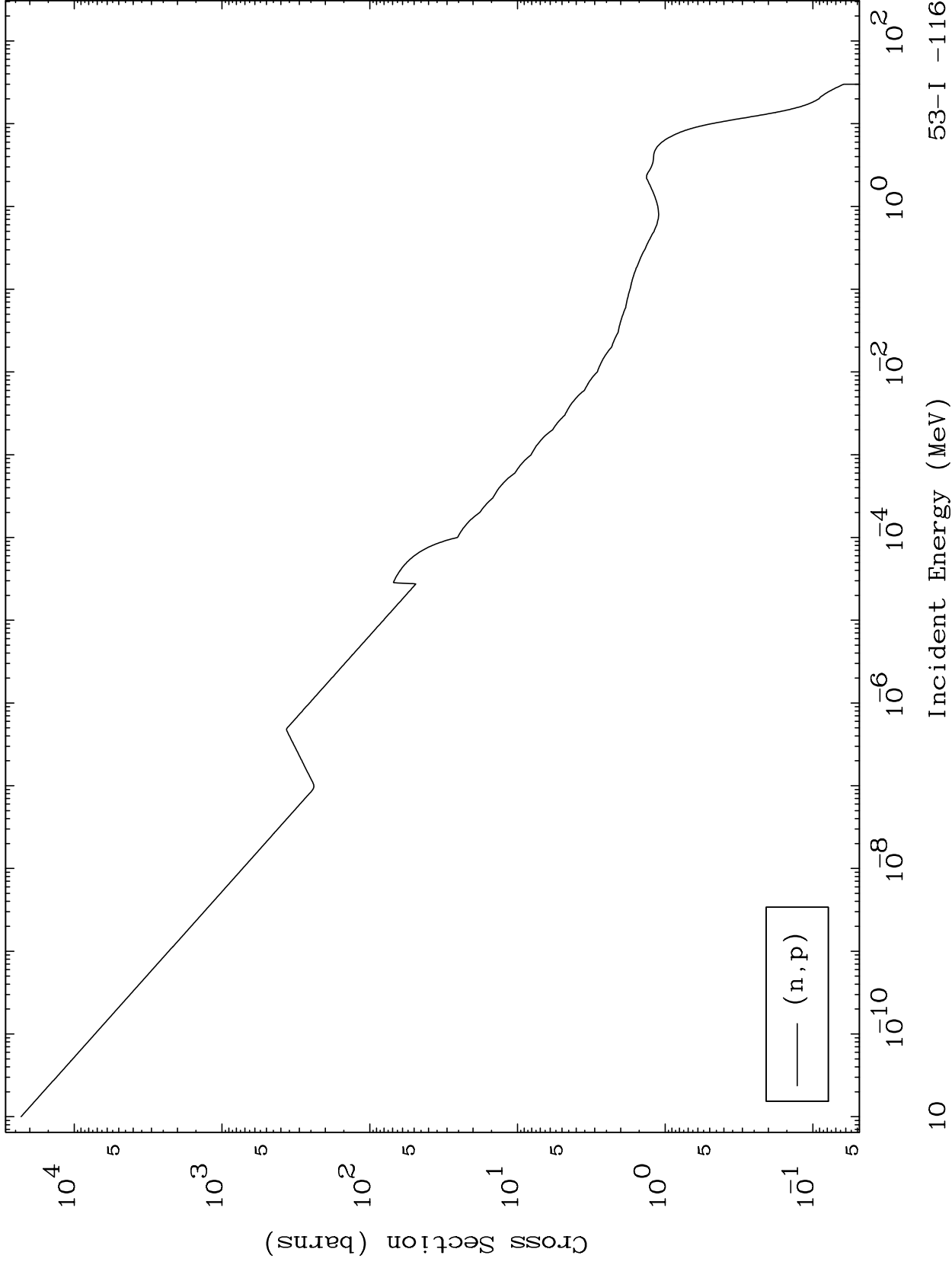




MAT 5292

(n,p) Levels
293 Kelvin Cross Sections

53-I -116



10

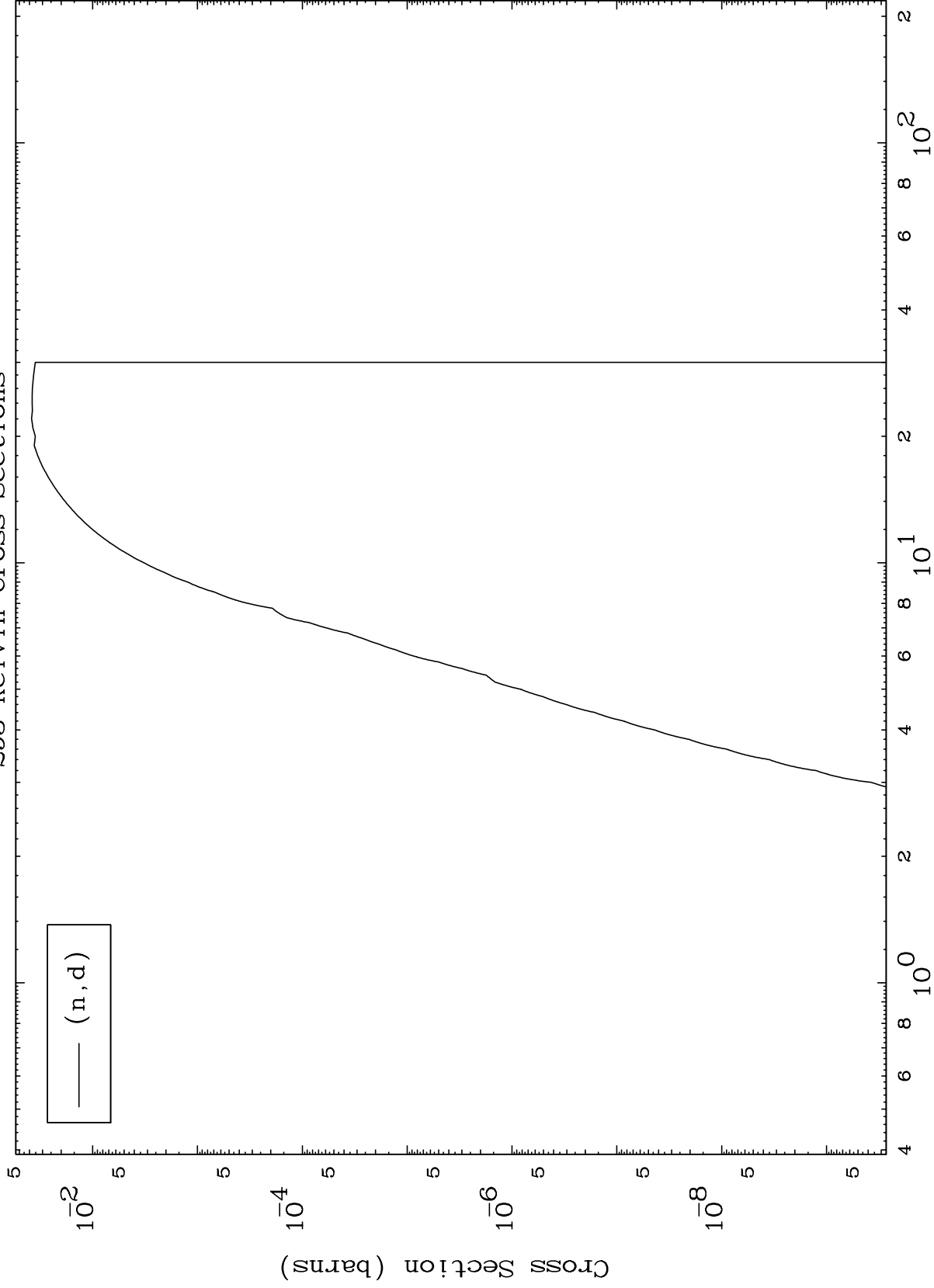
Incident Energy (MeV)

53-I -116

MAT 5292

(n,d) Levels
293 Kelvin Cross Sections

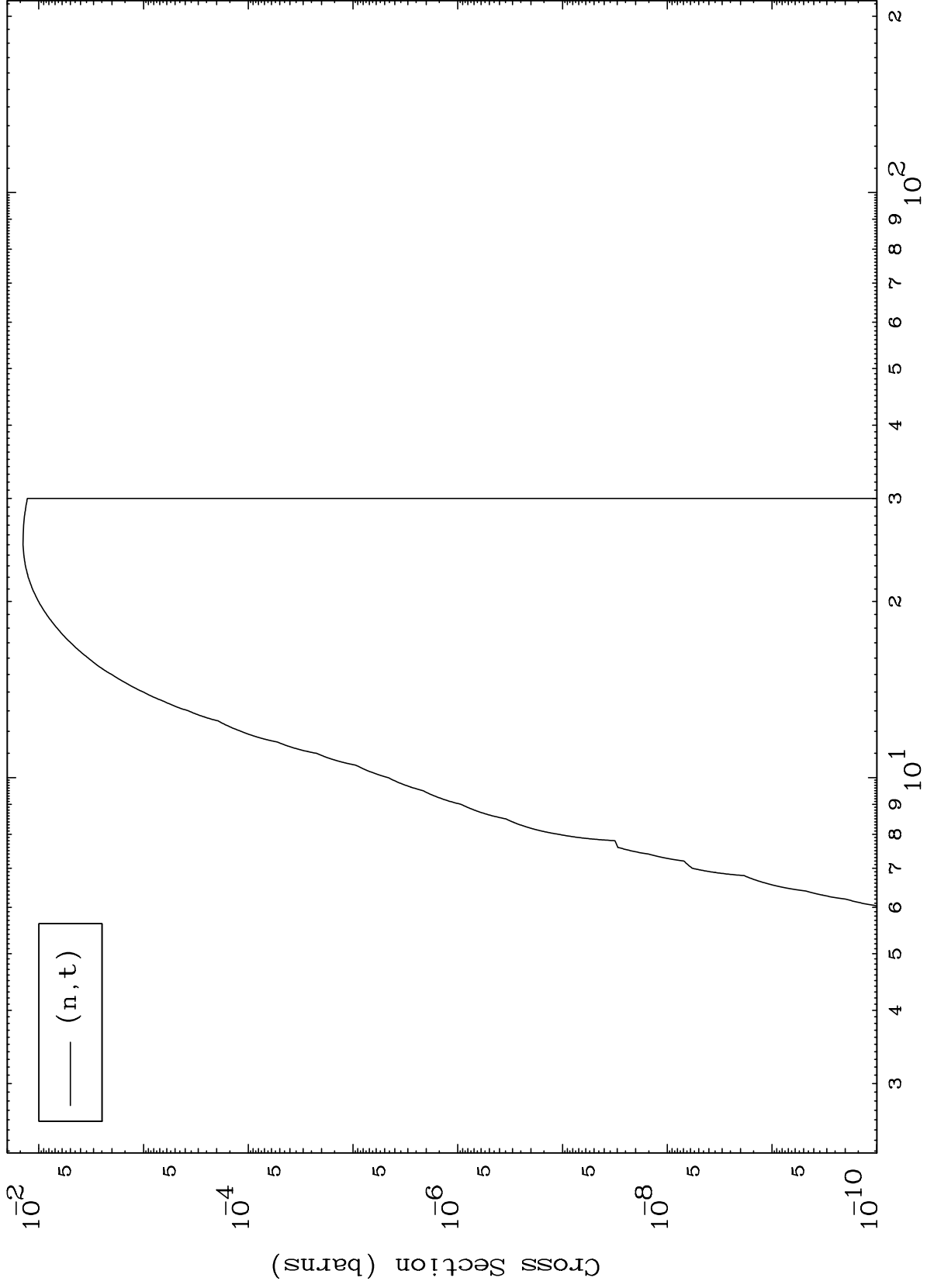
53-I -116



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Incident Energy (MeV)

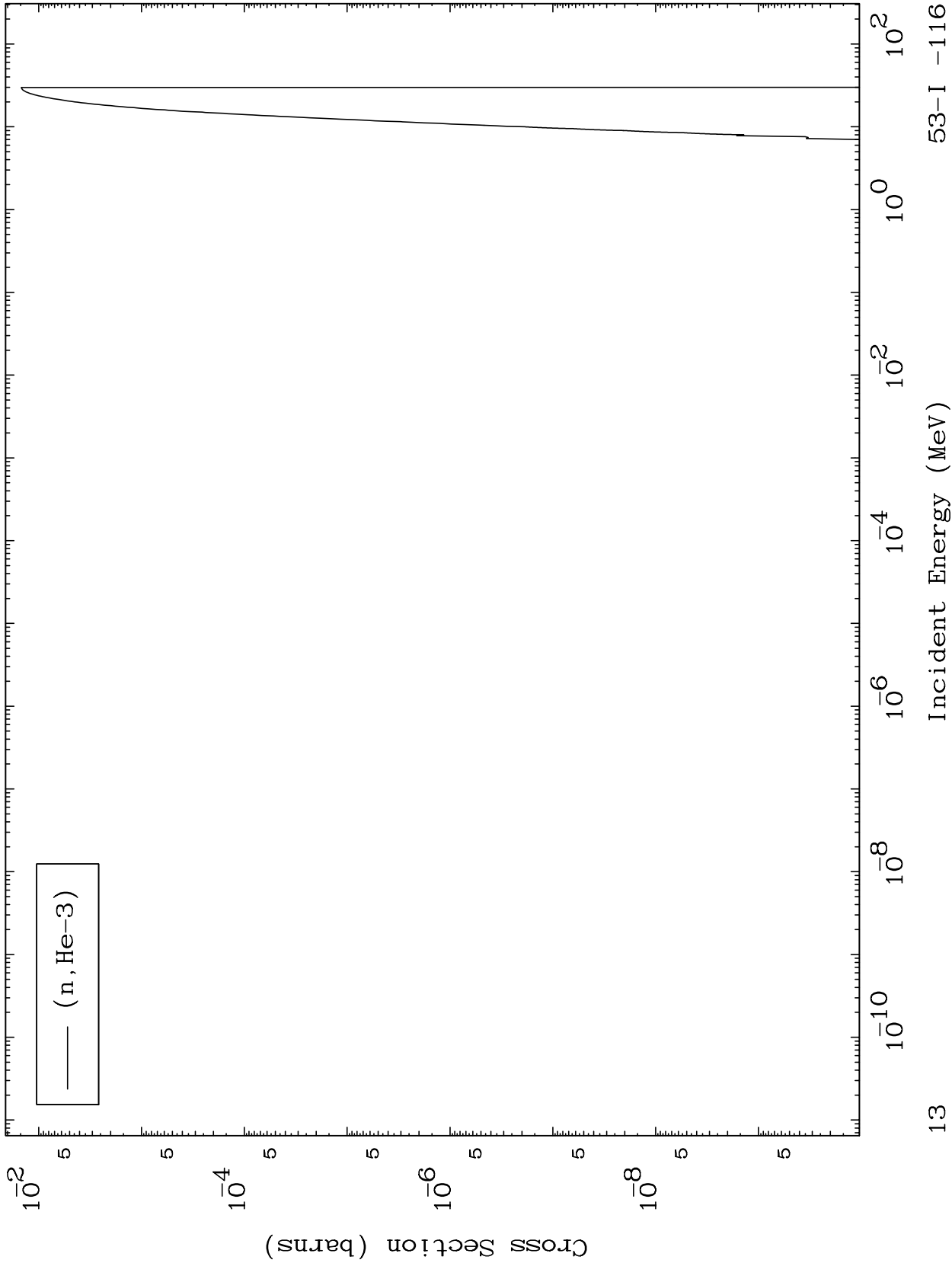
53-I -116



MAT 5292

(n,He3) Levels
293 Kelvin Cross Sections

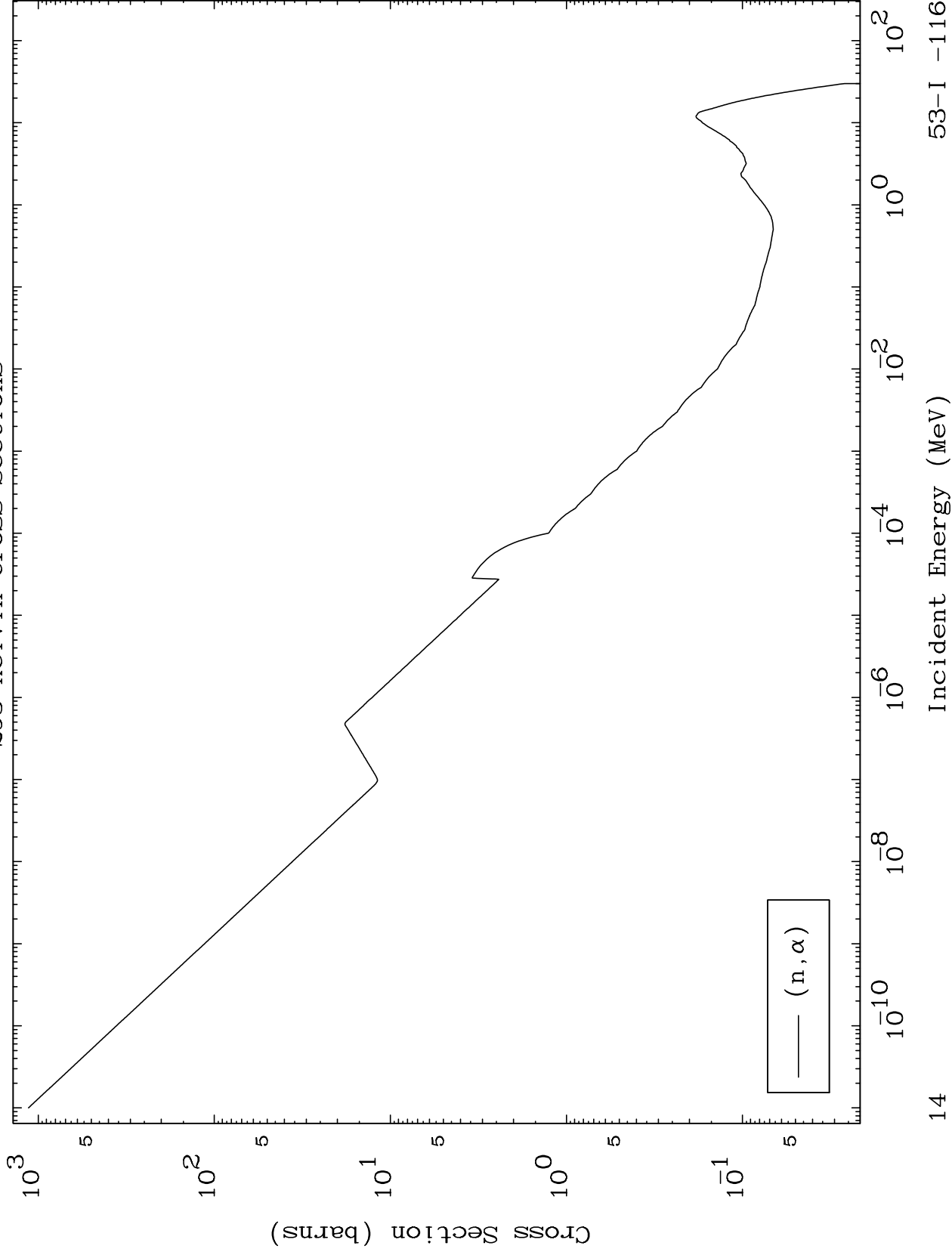
53-I -116



MAT 5292

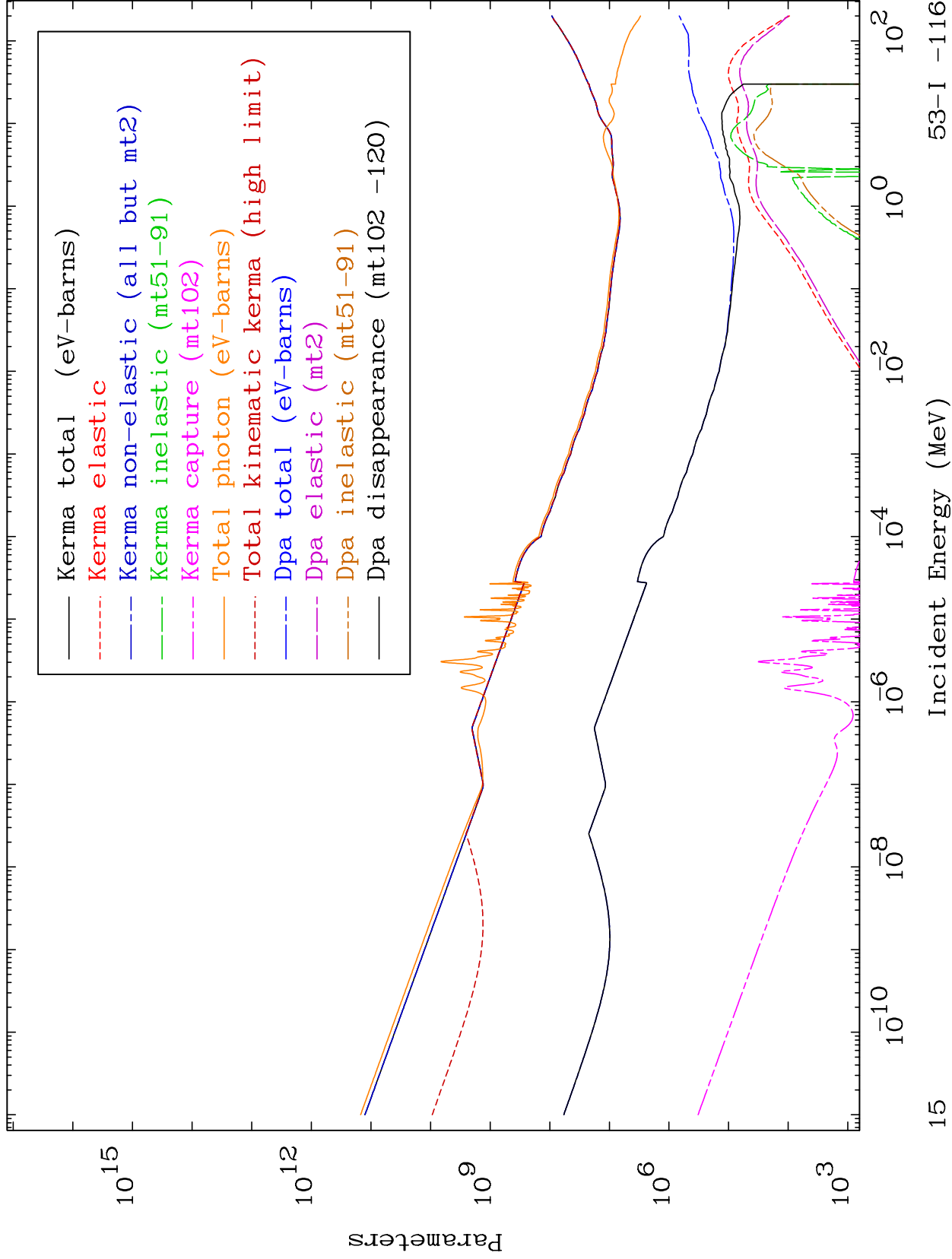
(n,α) Levels
293 Kelvin Cross Sections

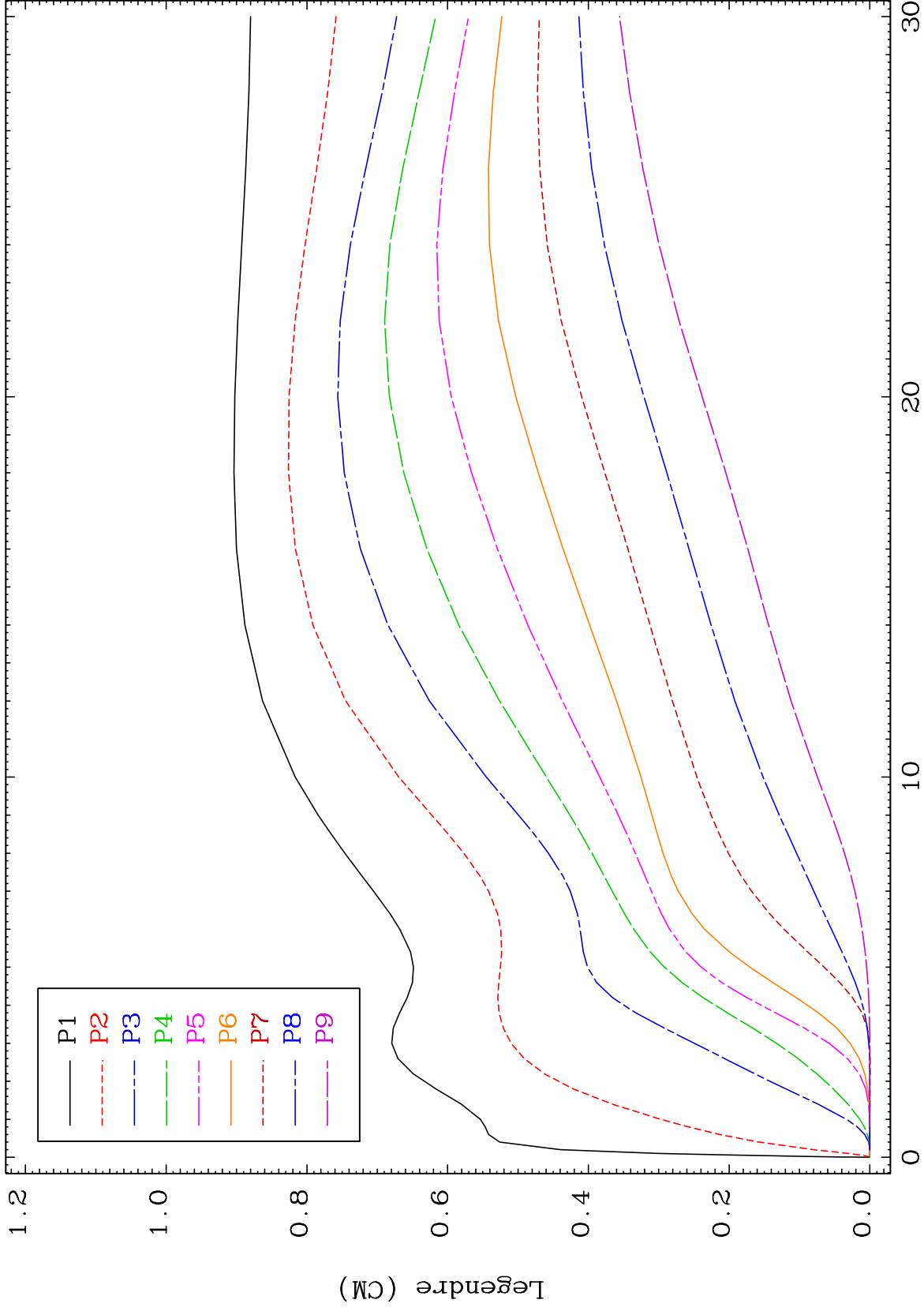
53-I -116



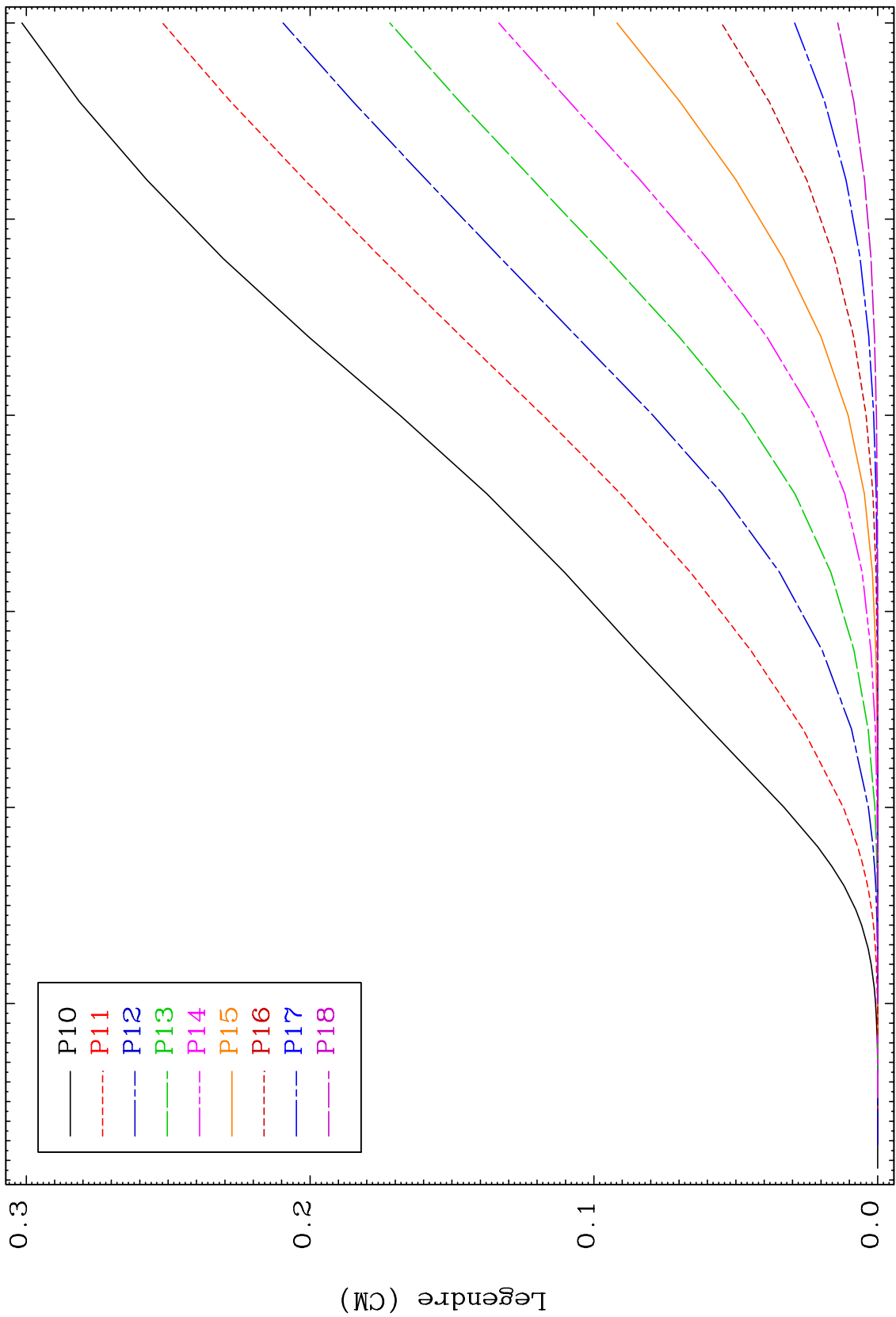
14

53-I -116





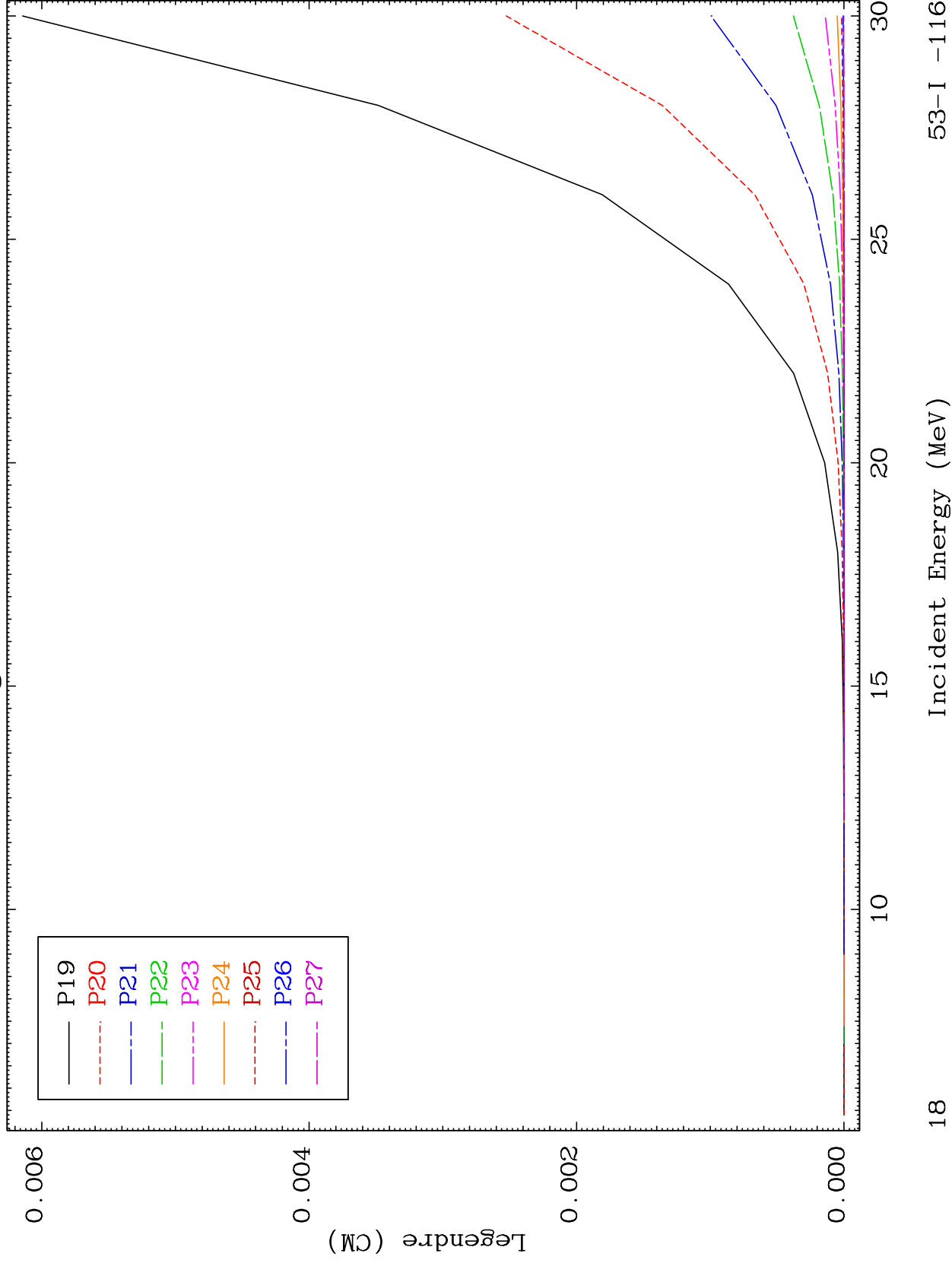
Elastic Legendre Coefficients



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Elastic Legendre Coefficients

53-I -116



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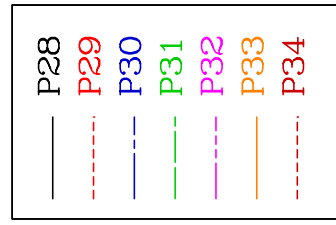
Incident Energy (MeV)

53-I -116

MAT 5292

Elastic
Legendre Coefficients

53-I -116



$\times 10^{-7}$
3
2

Legendre (CM)

1

0

15

20

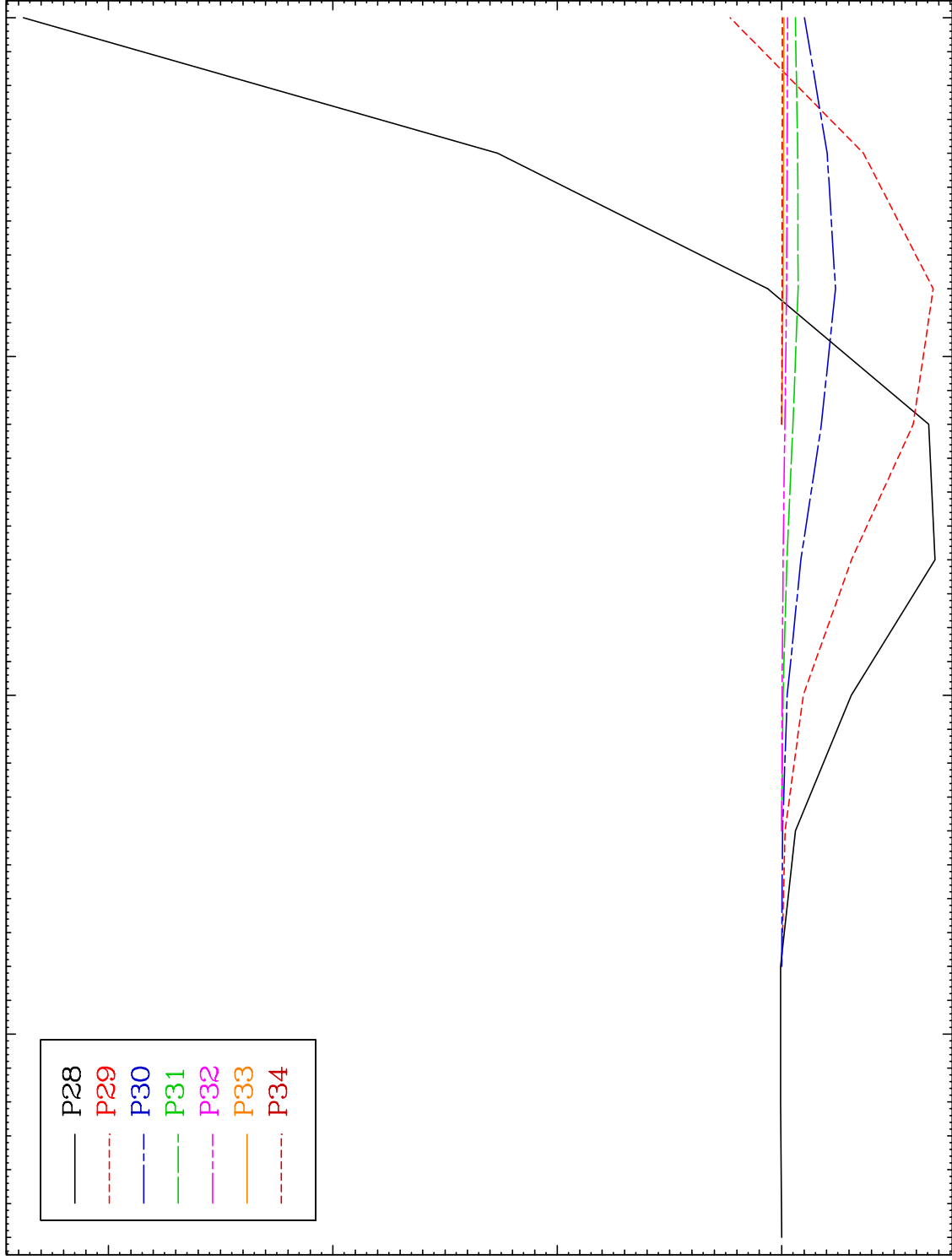
25

30

19

Incident Energy (MeV)

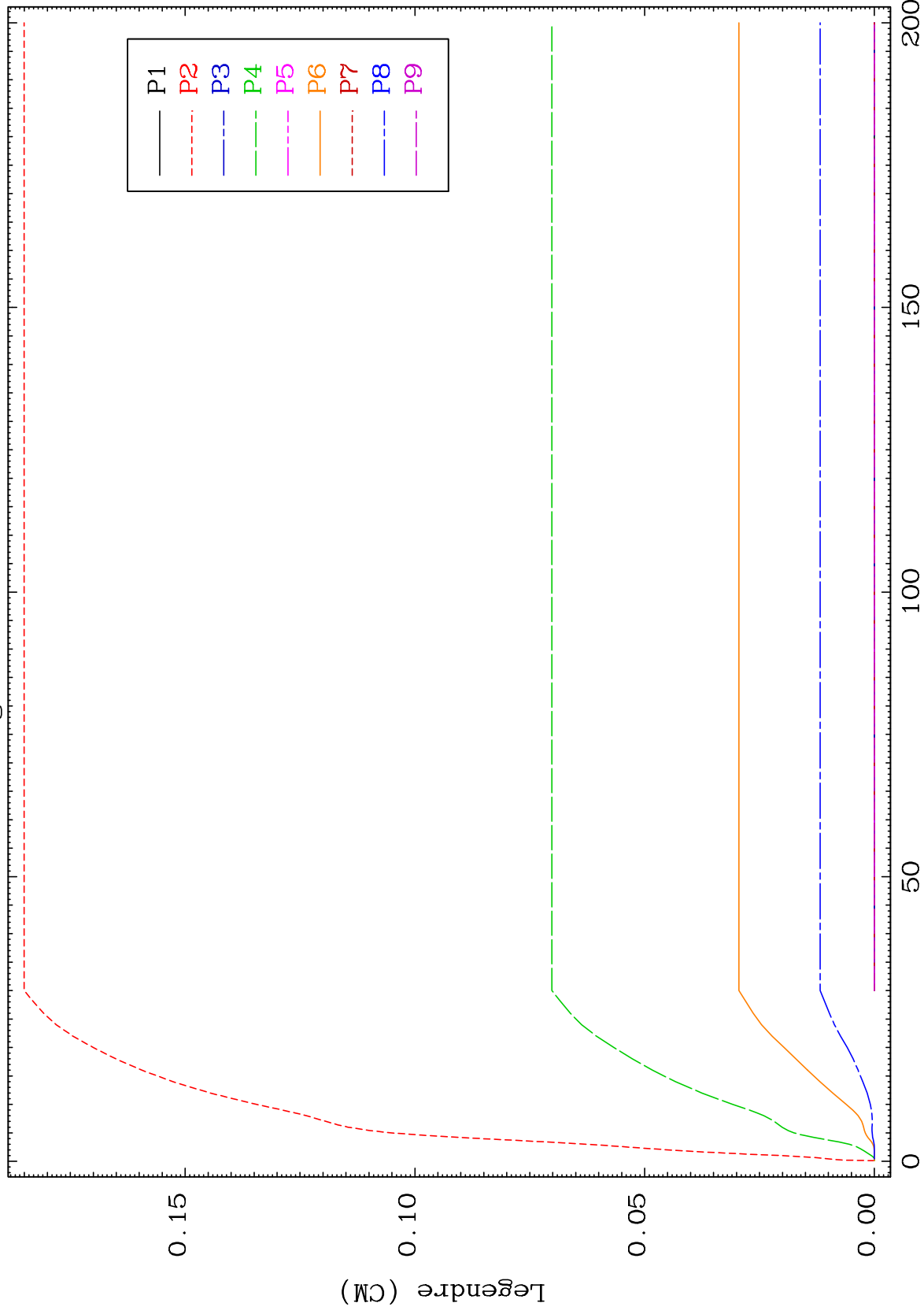
53-I -116



MAT 5292

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

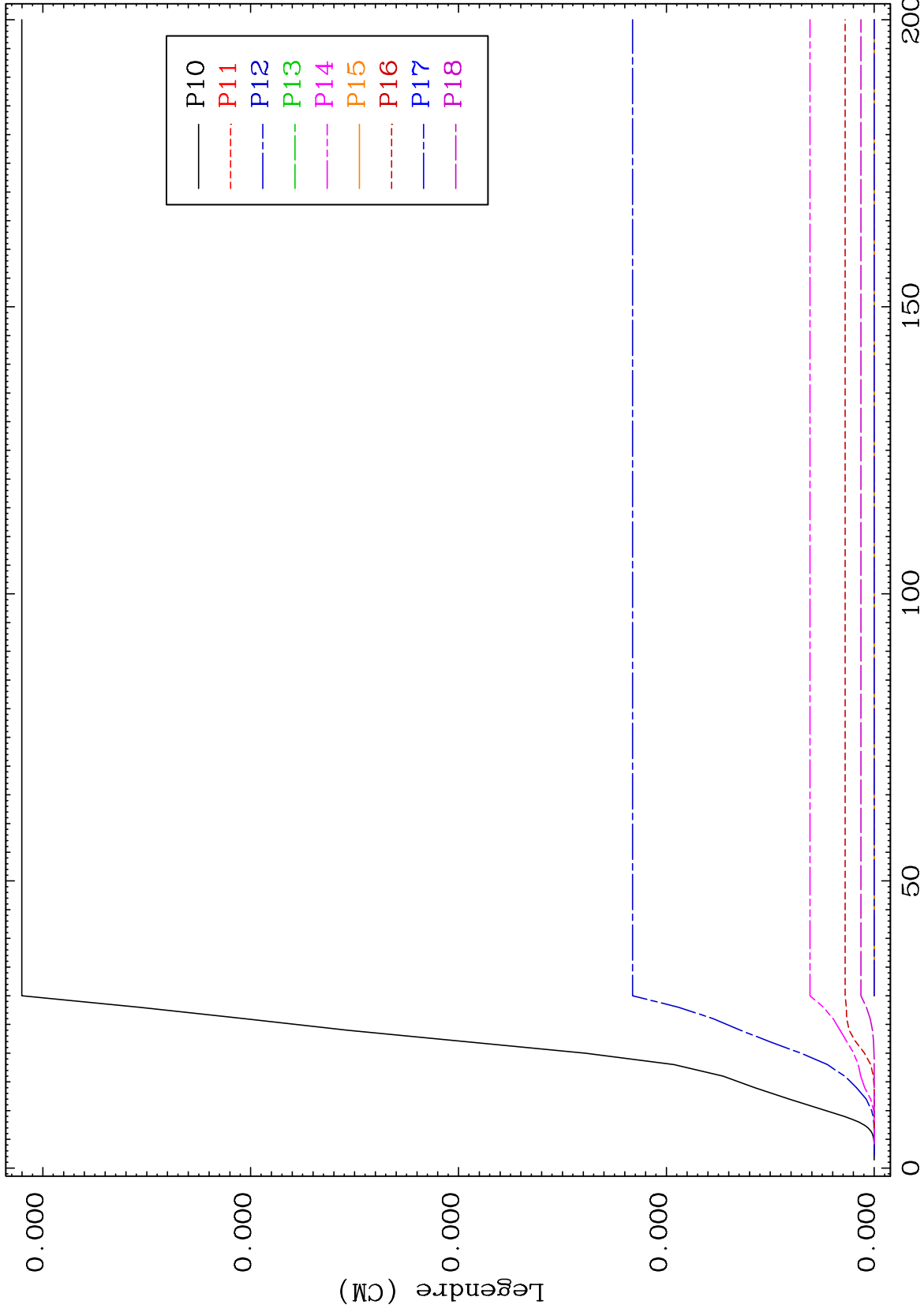
53-I -116



53-I -116

Incident Energy (MeV)

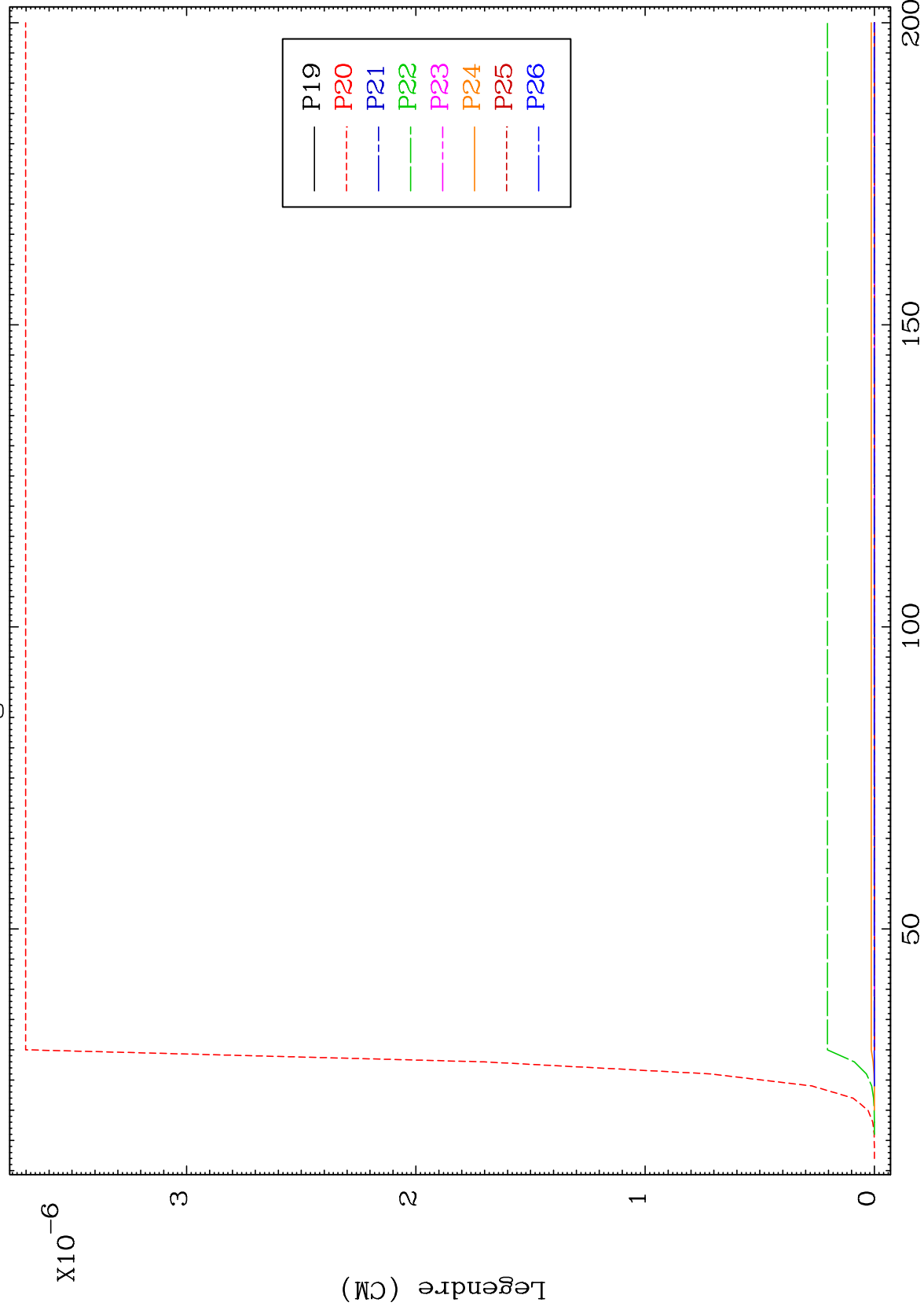
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MAT 5292

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

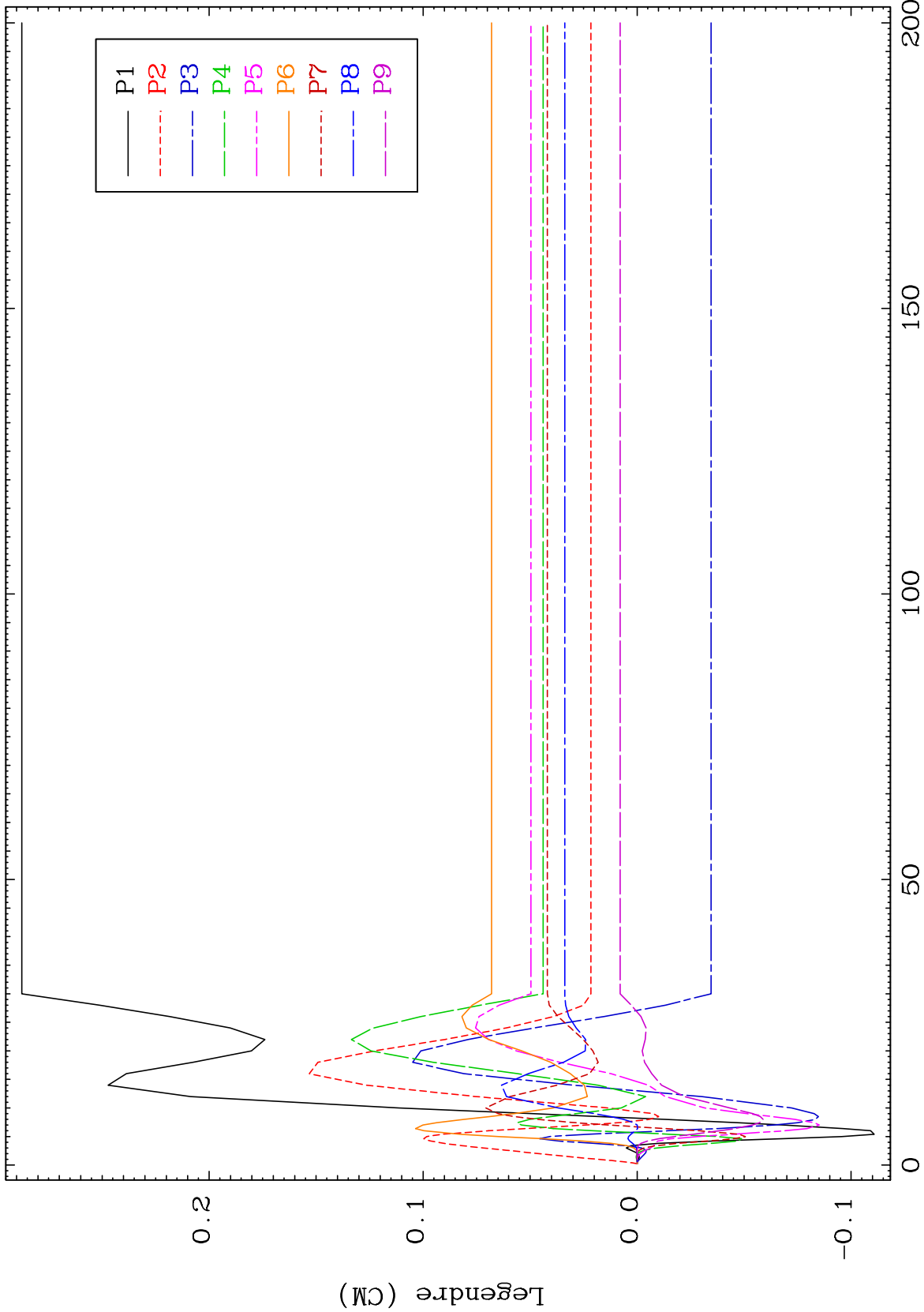
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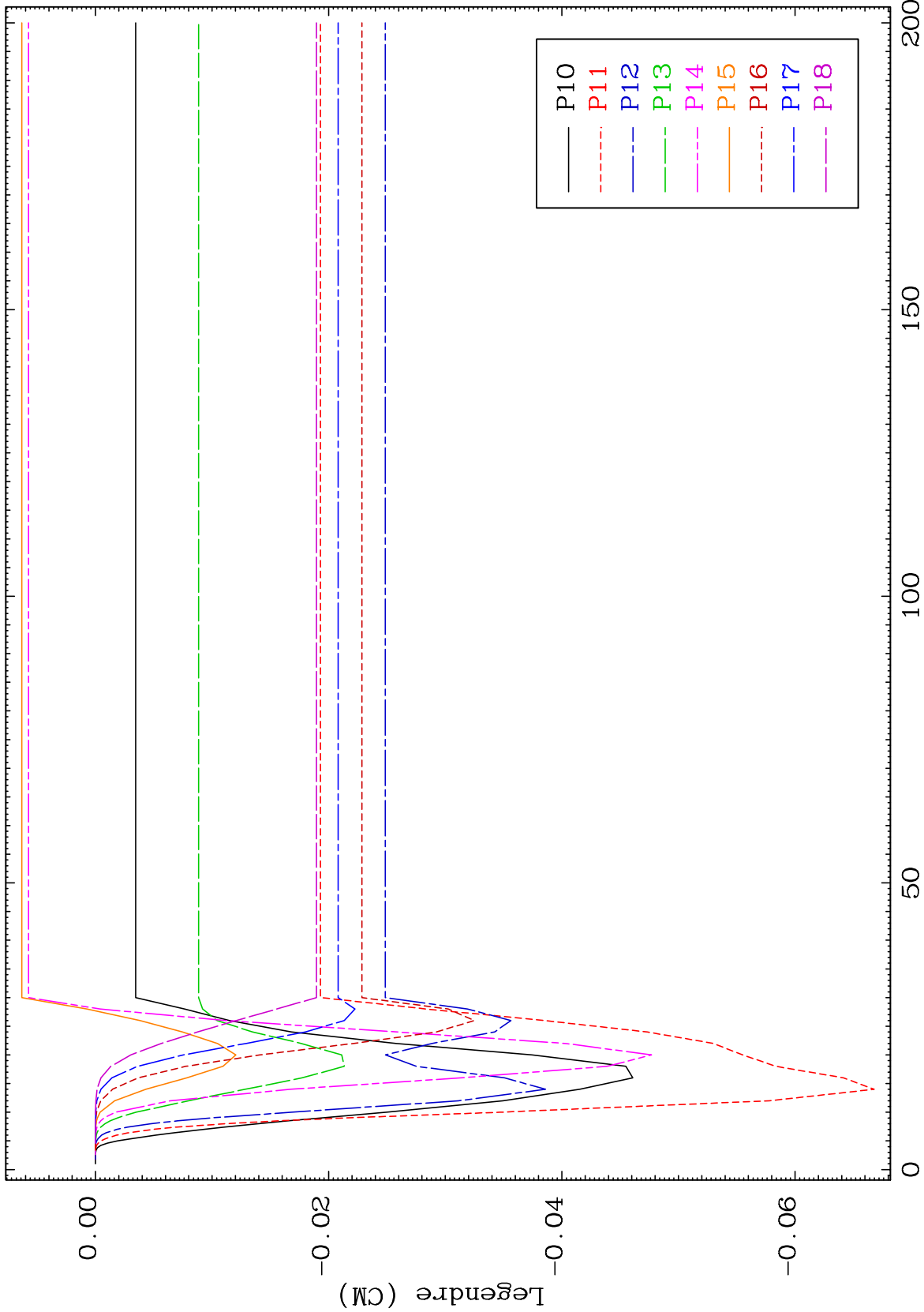


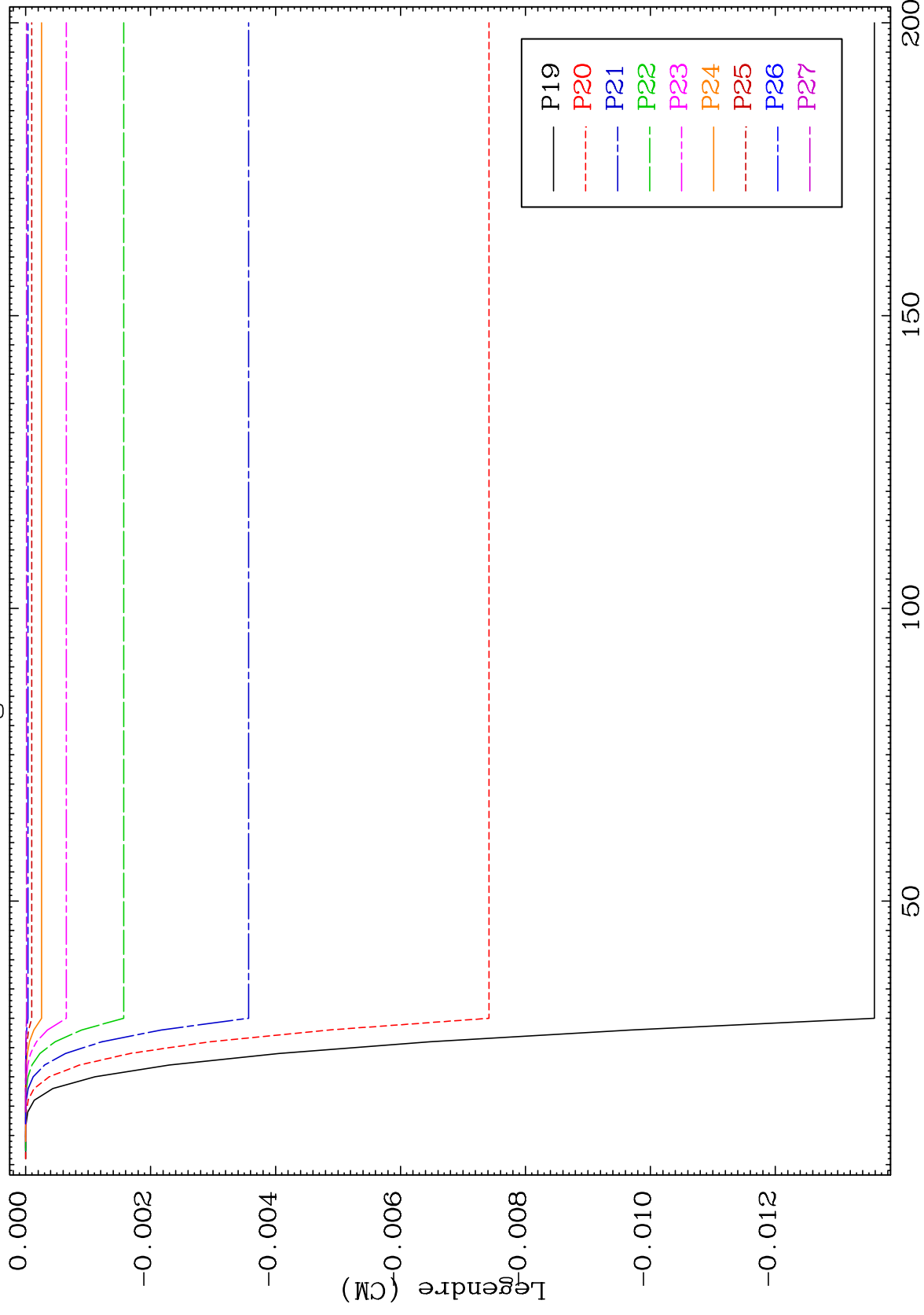
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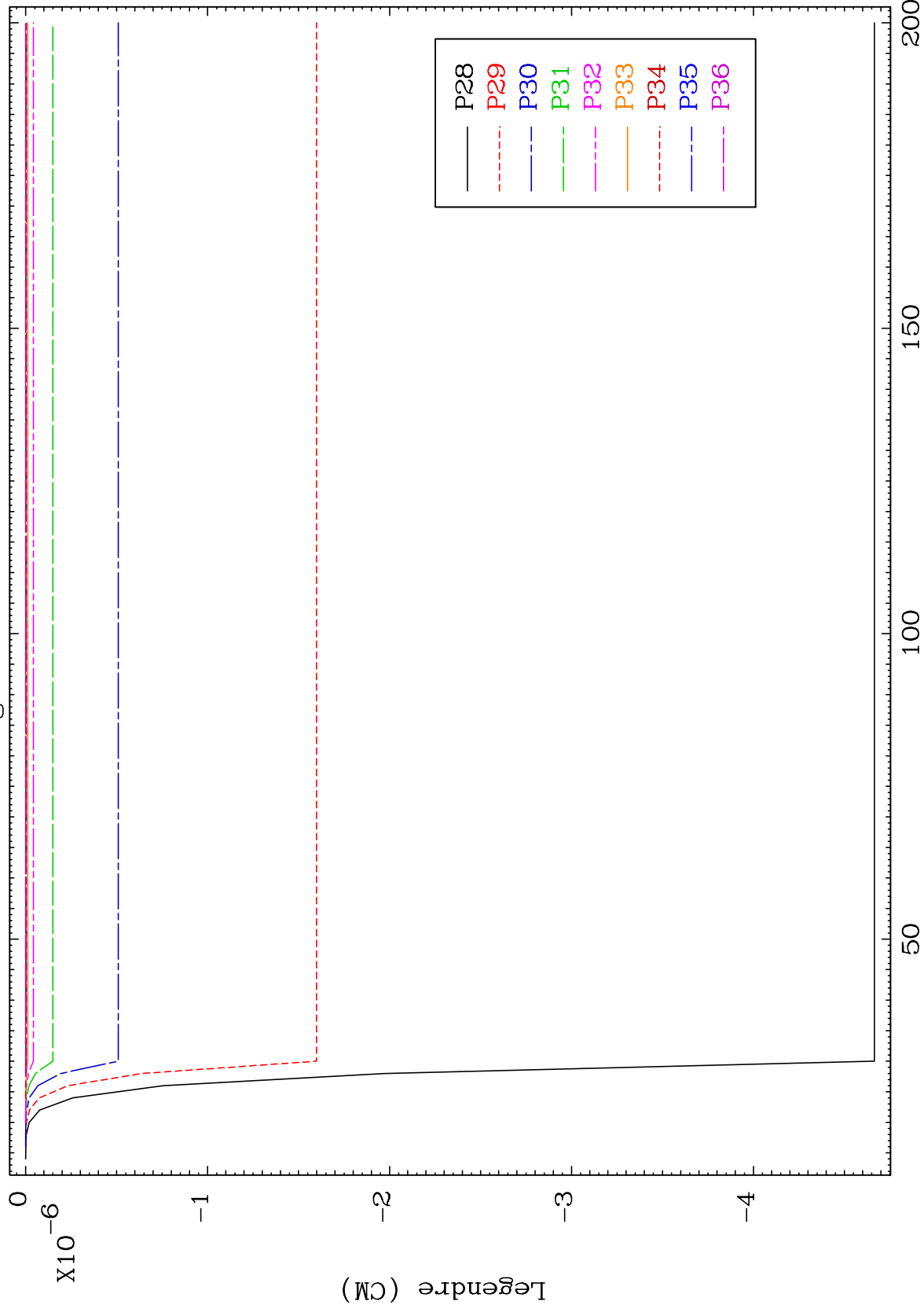
Incident Energy (MeV)

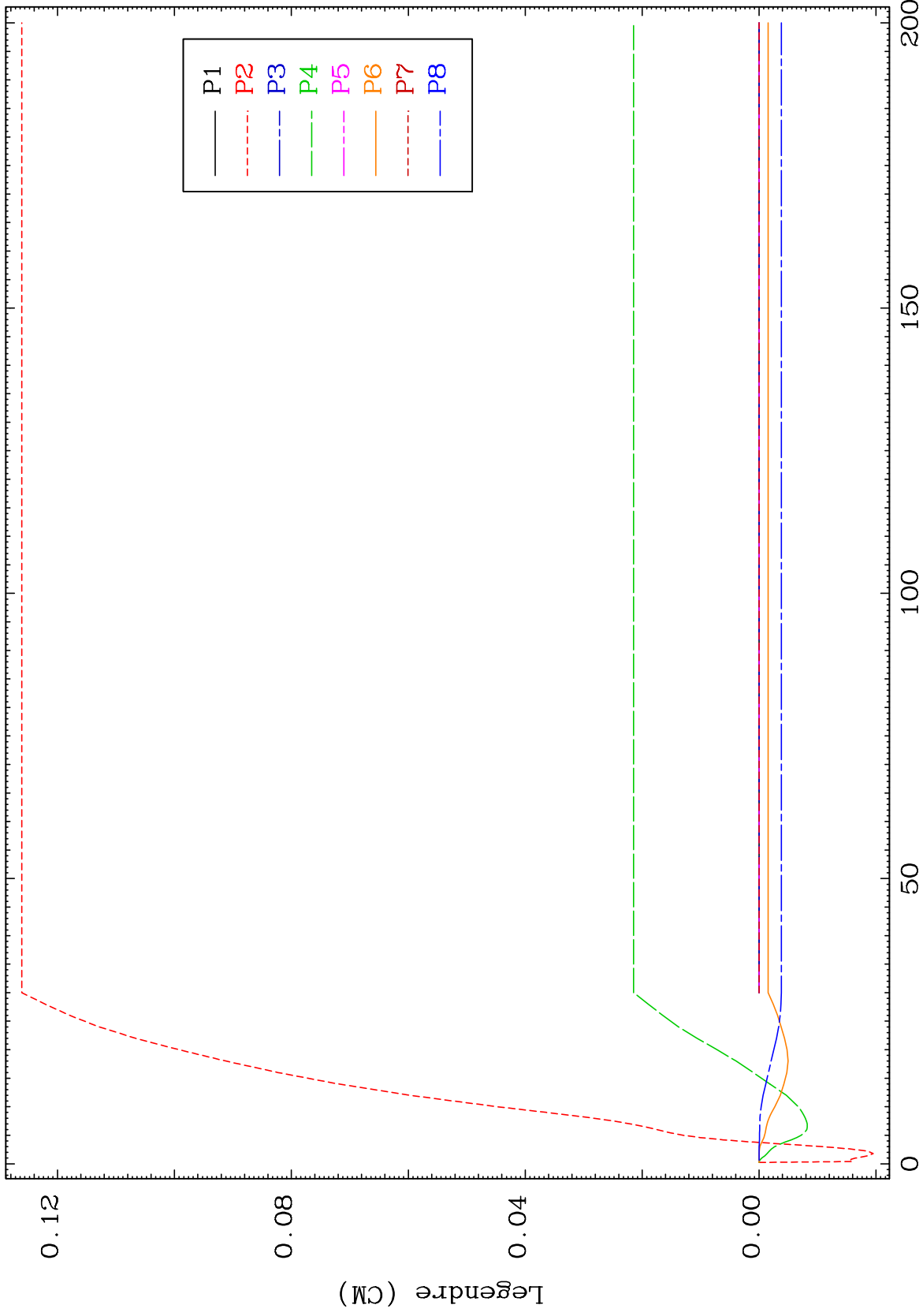
53-I -116







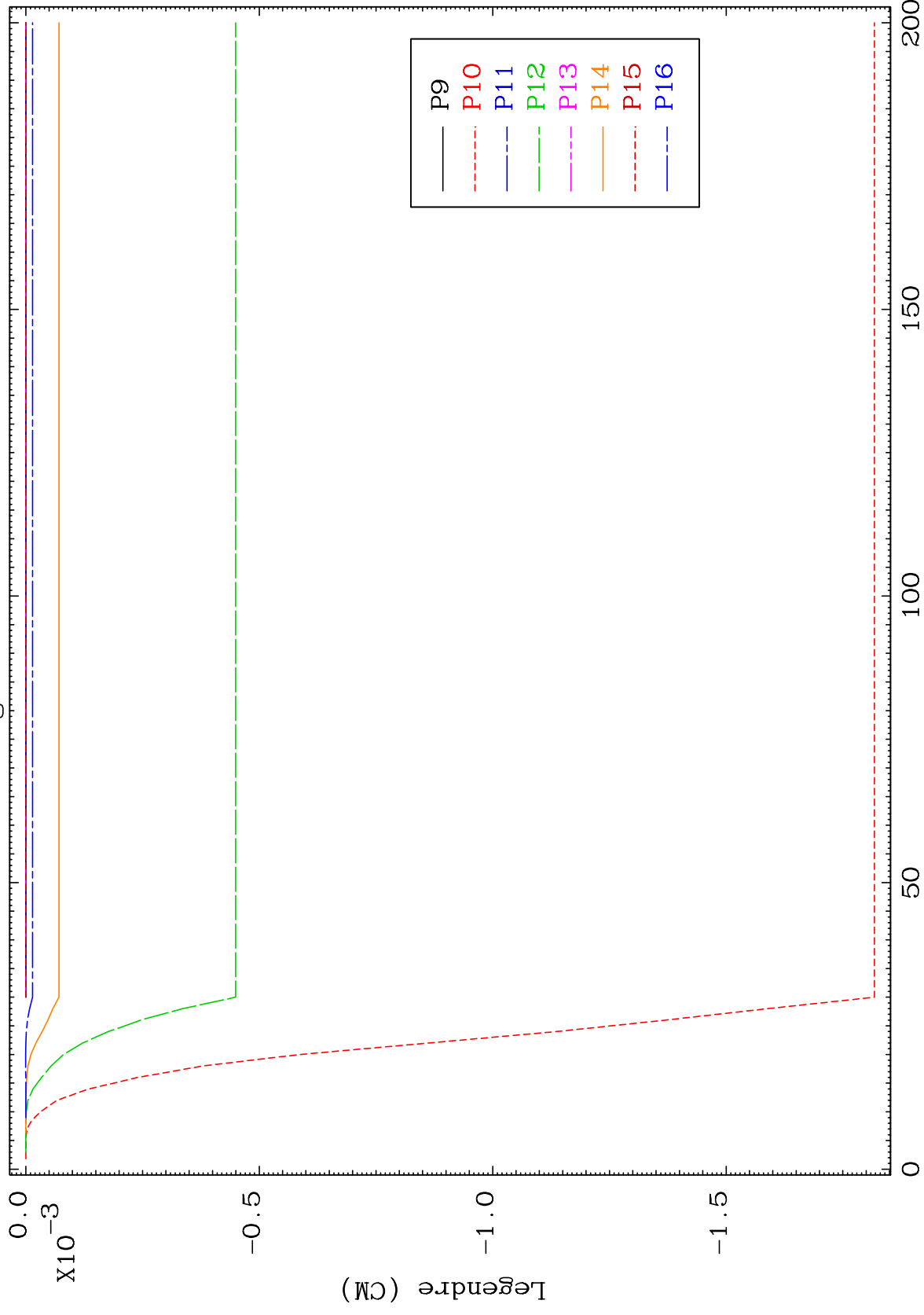




MAT 5292

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

53-I -116



28

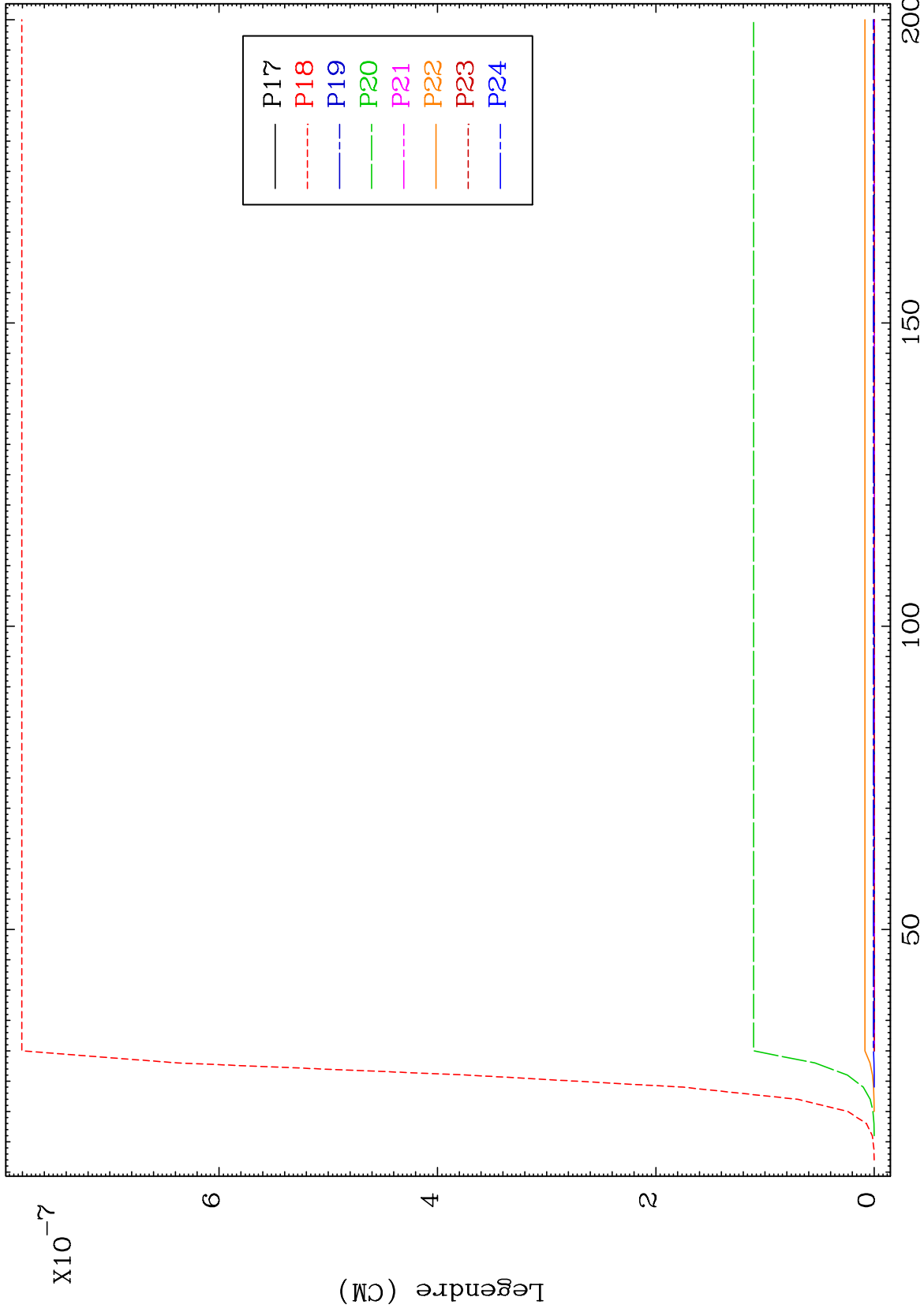
Incident Energy (MeV)

53-I -116

MAT 5292

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

53-I -116



29

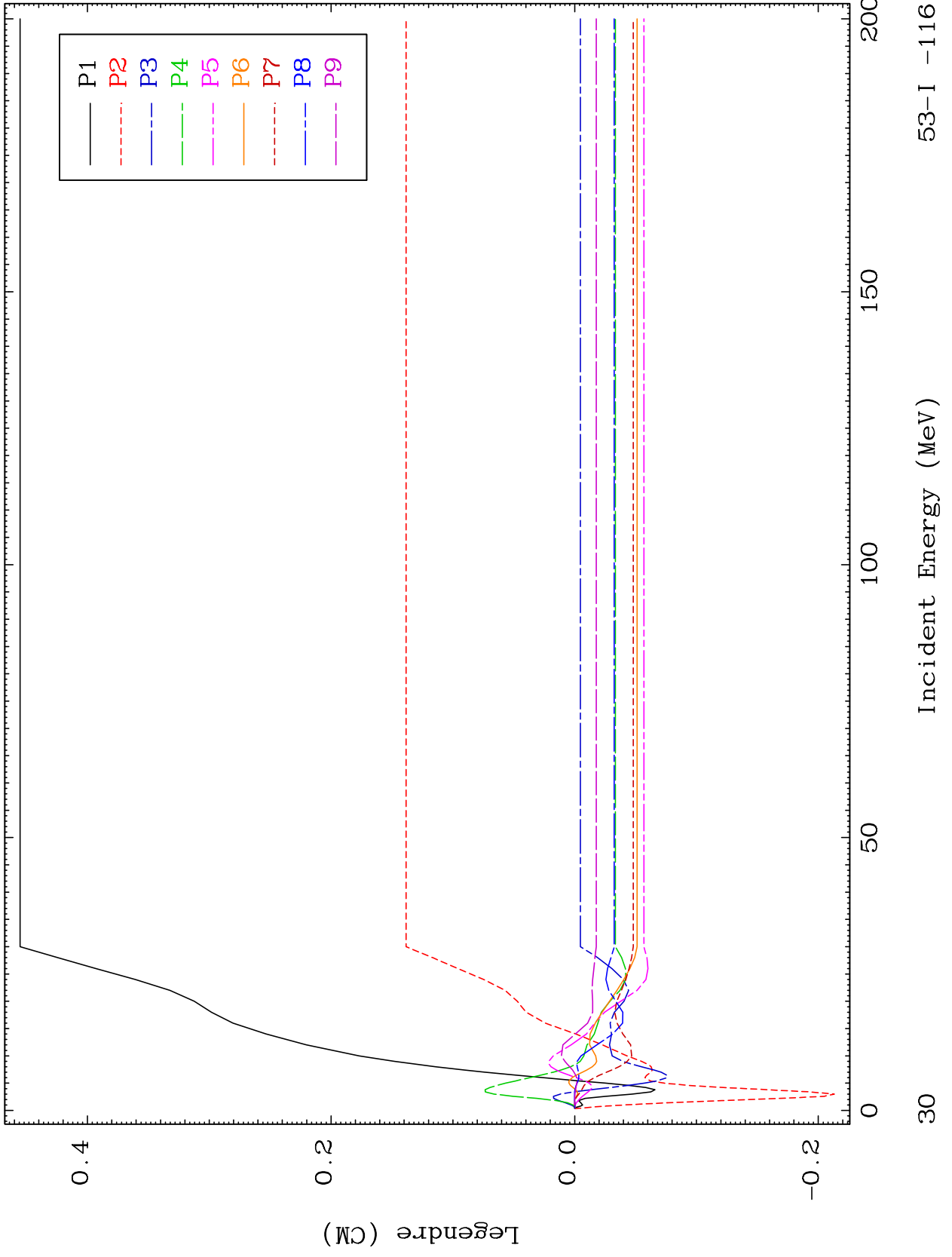
Incident Energy (MeV)

53-I -116

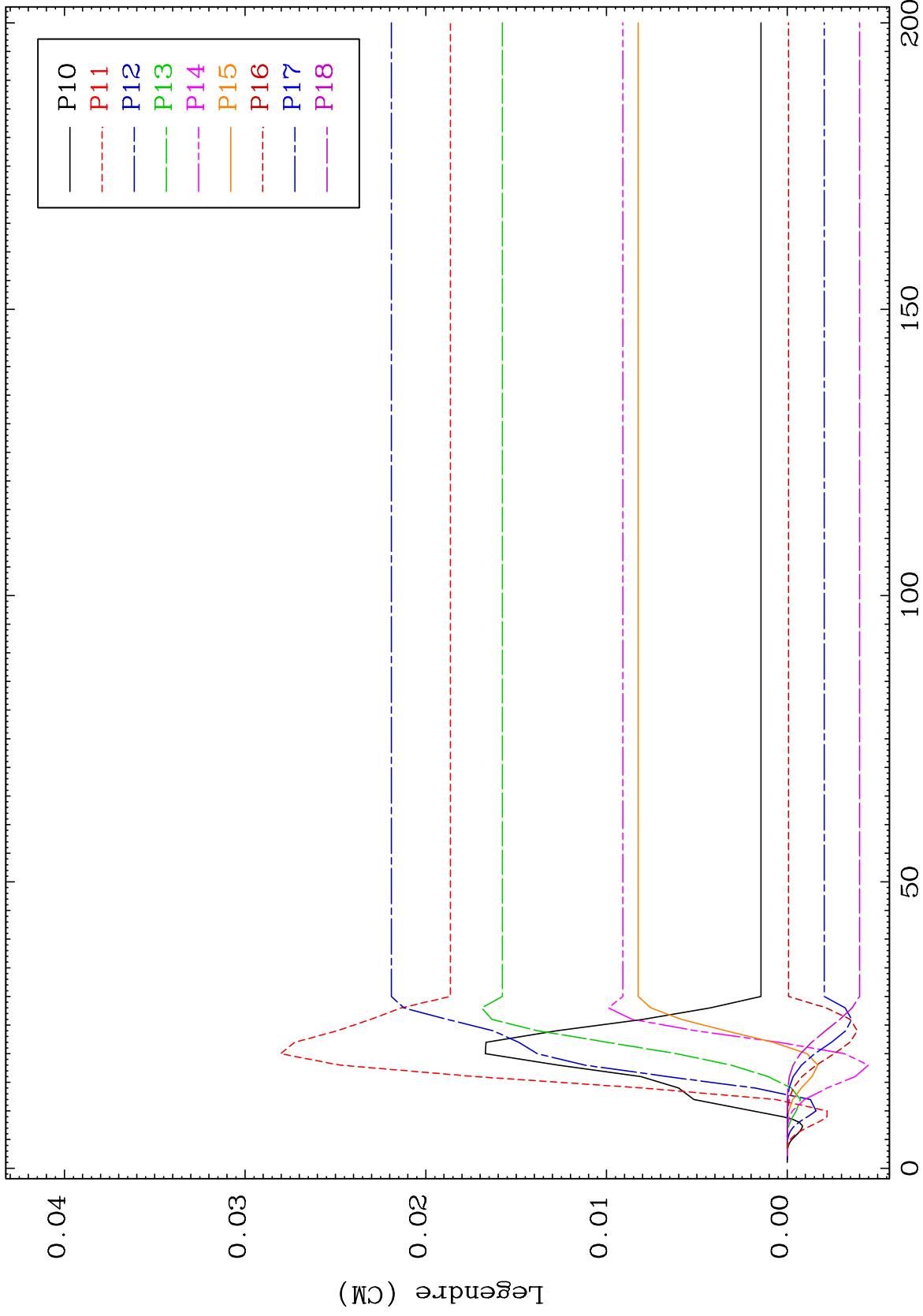
MAT 5292

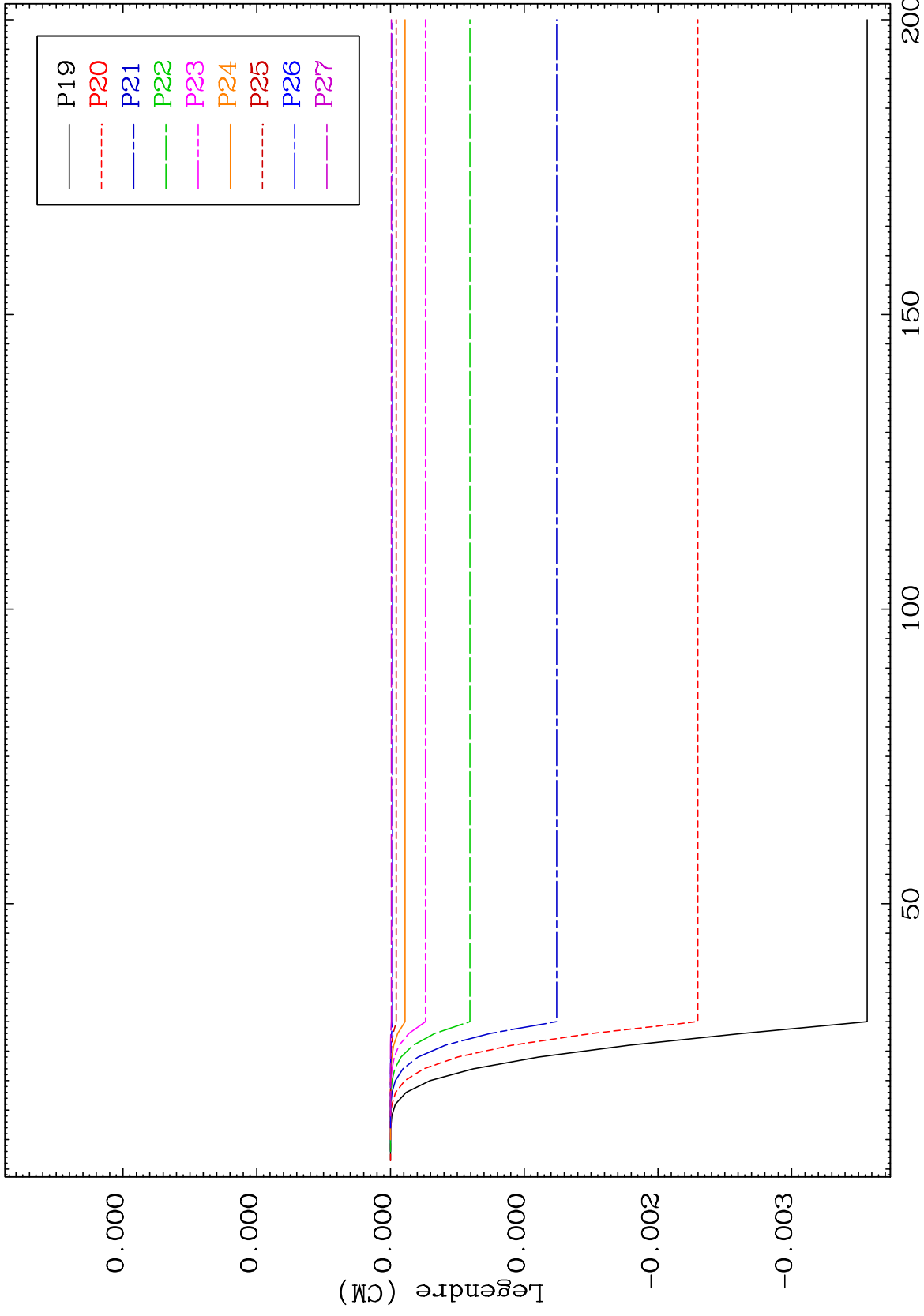
MT= 54 (n,n') Level
Legendre Coefficients

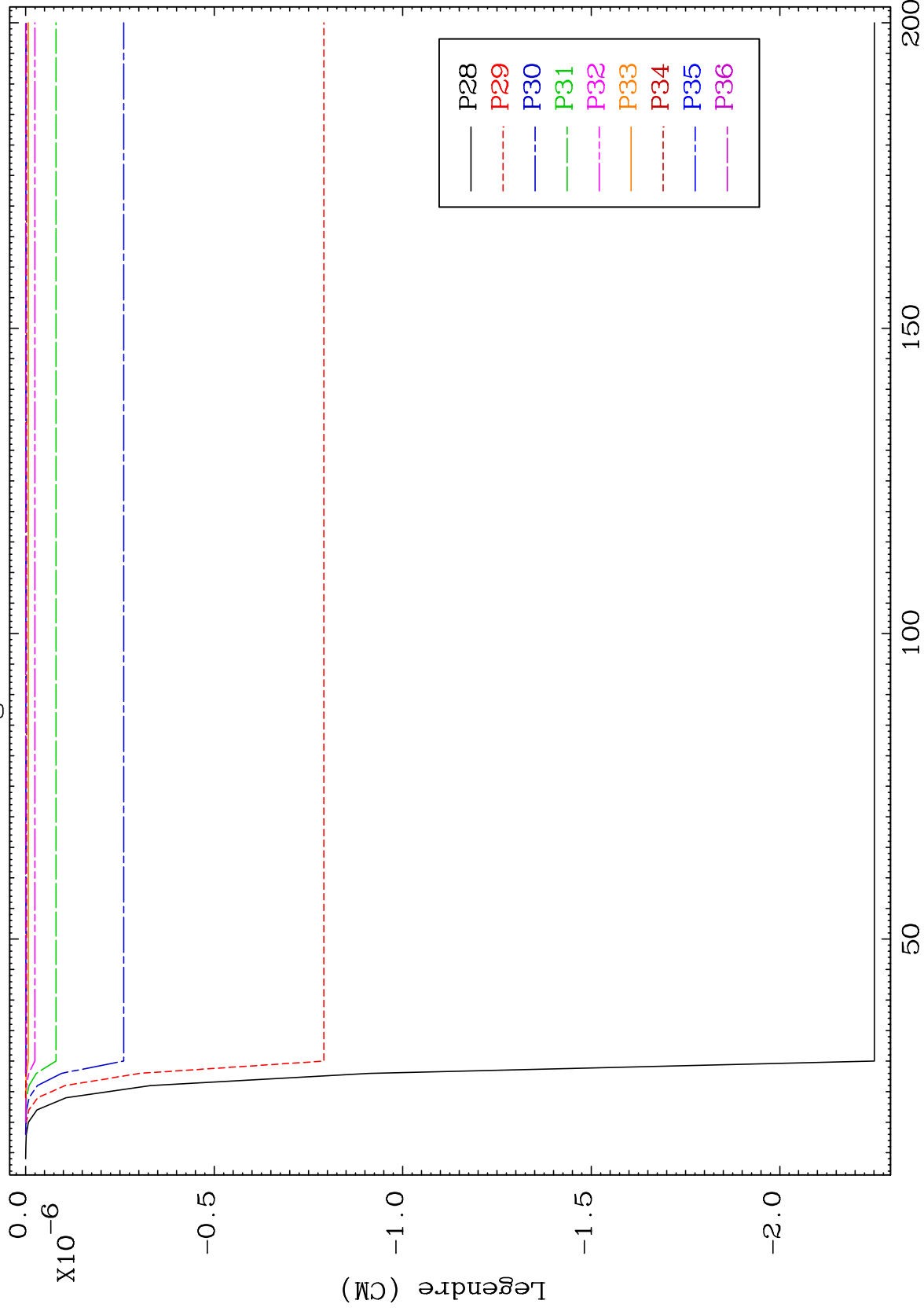
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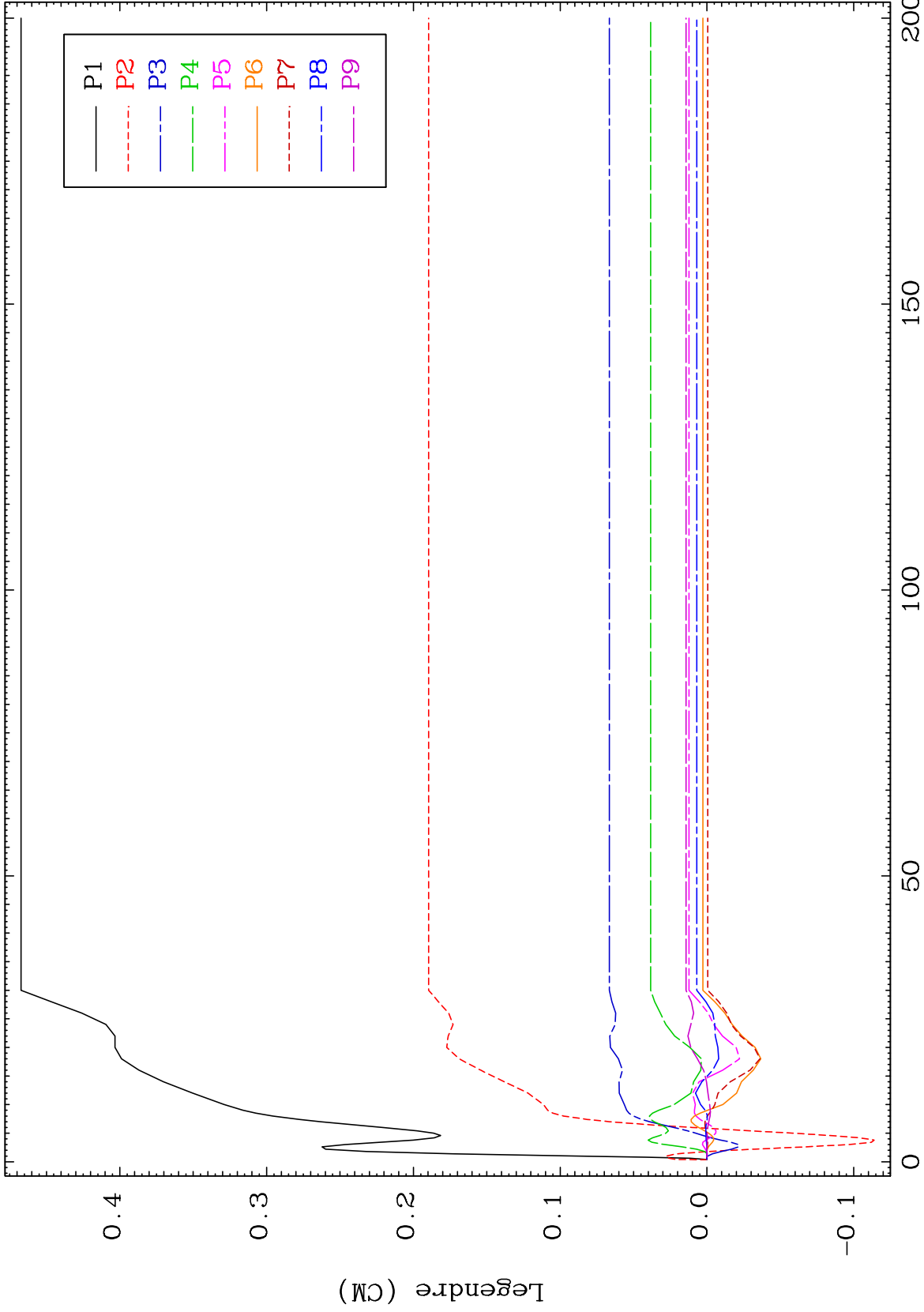


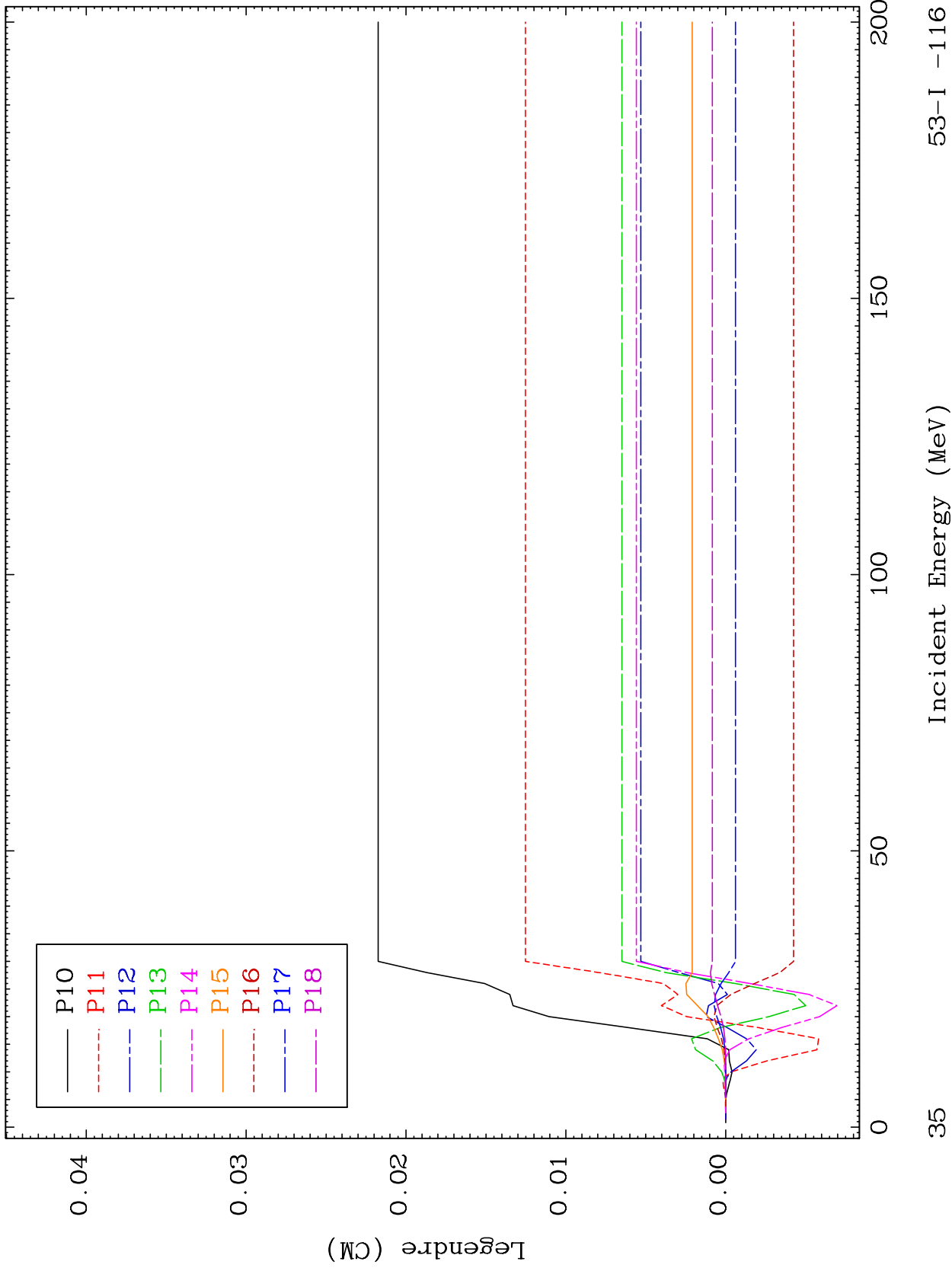
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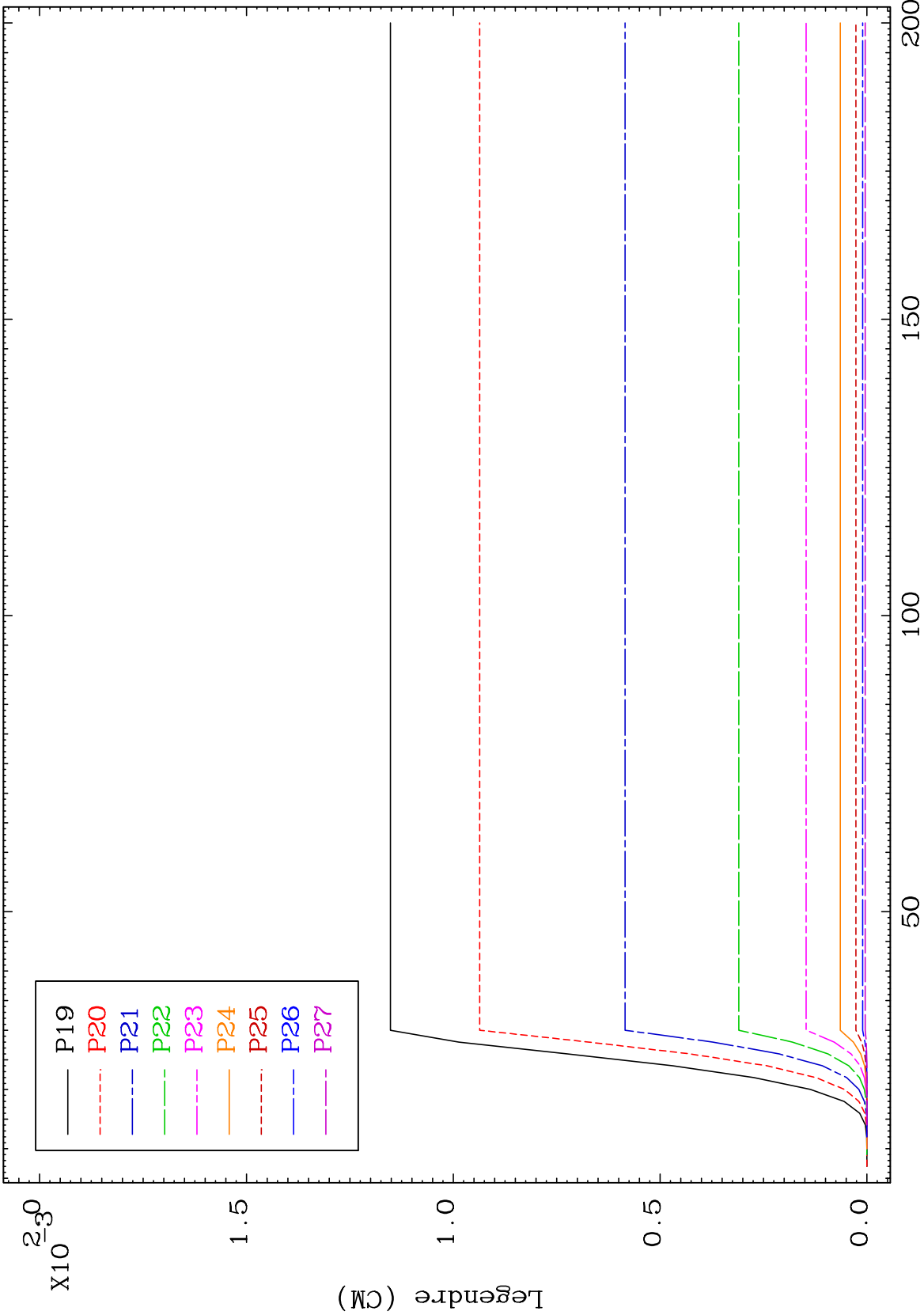


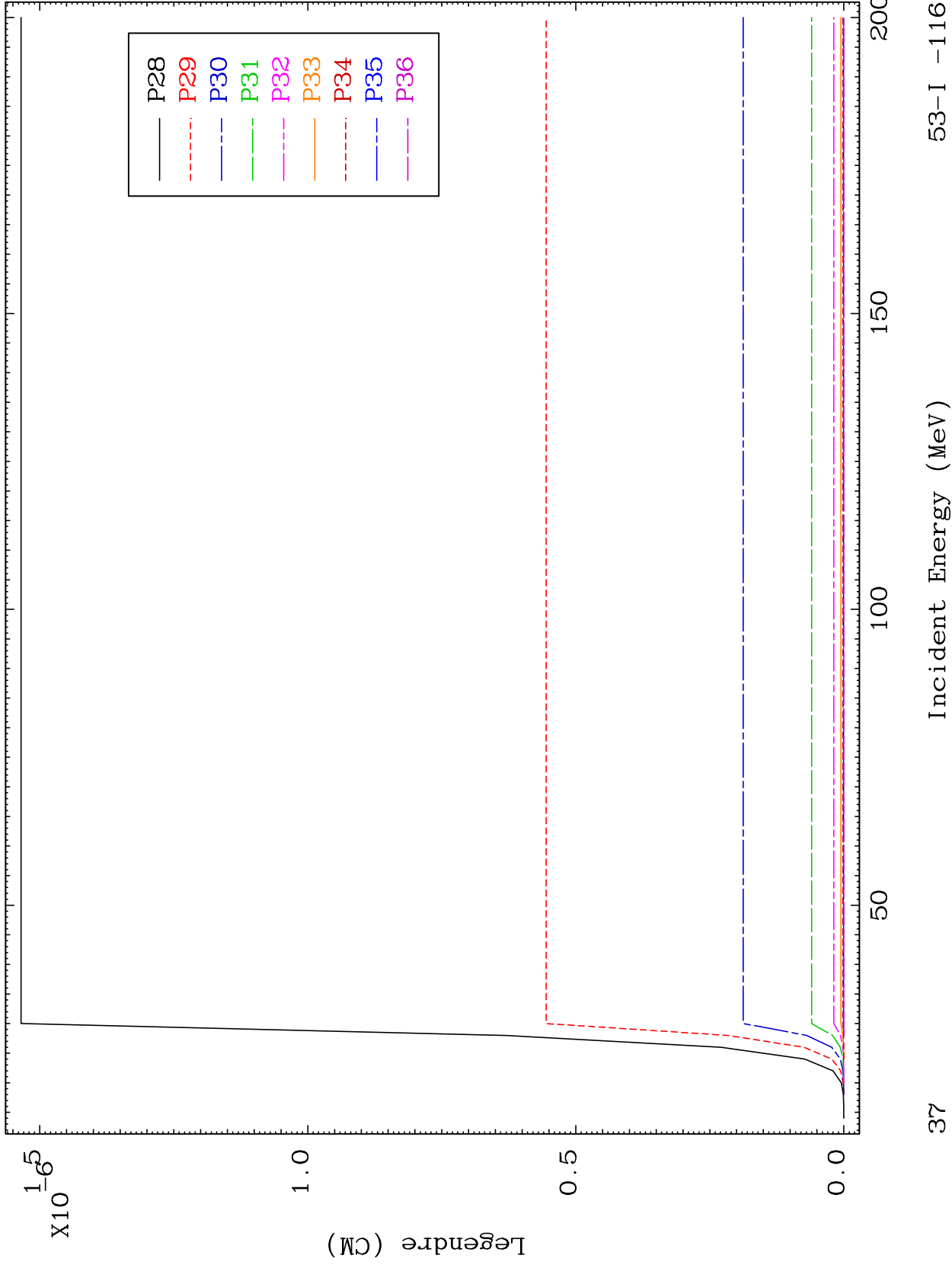








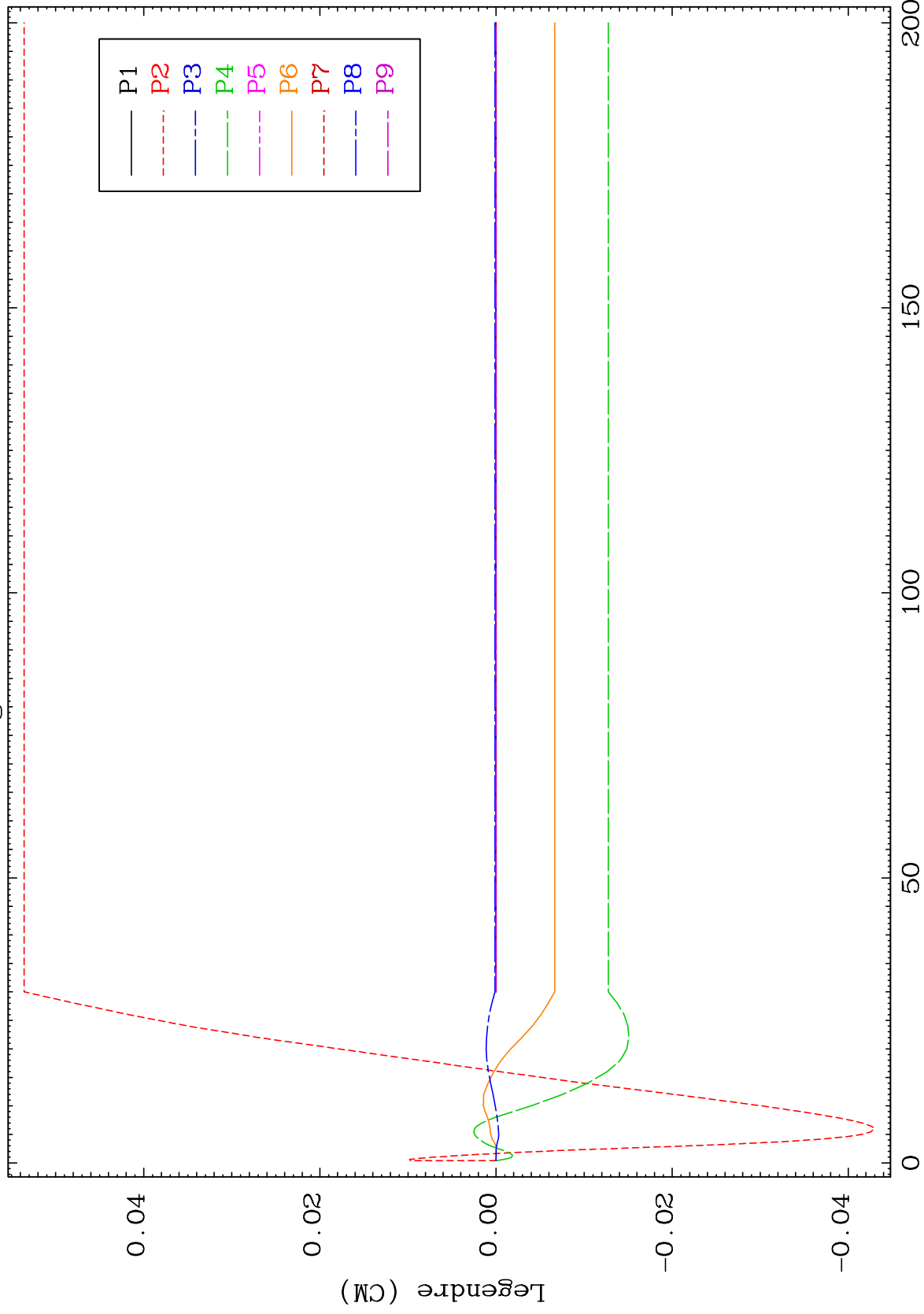




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MT= 56 (n,n') Level
Legendre Coefficients

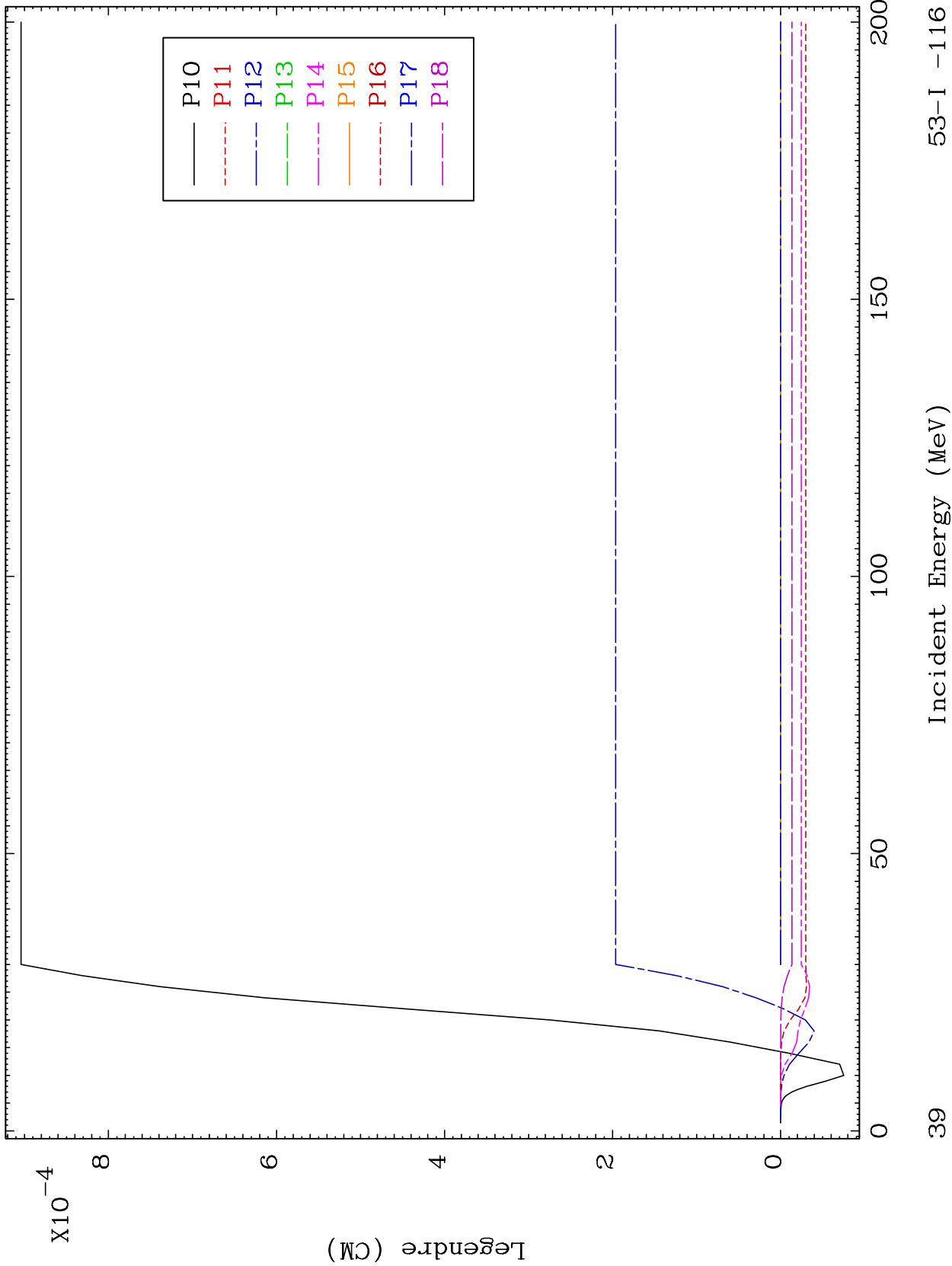
53-I -116



38

Incident Energy (MeV)

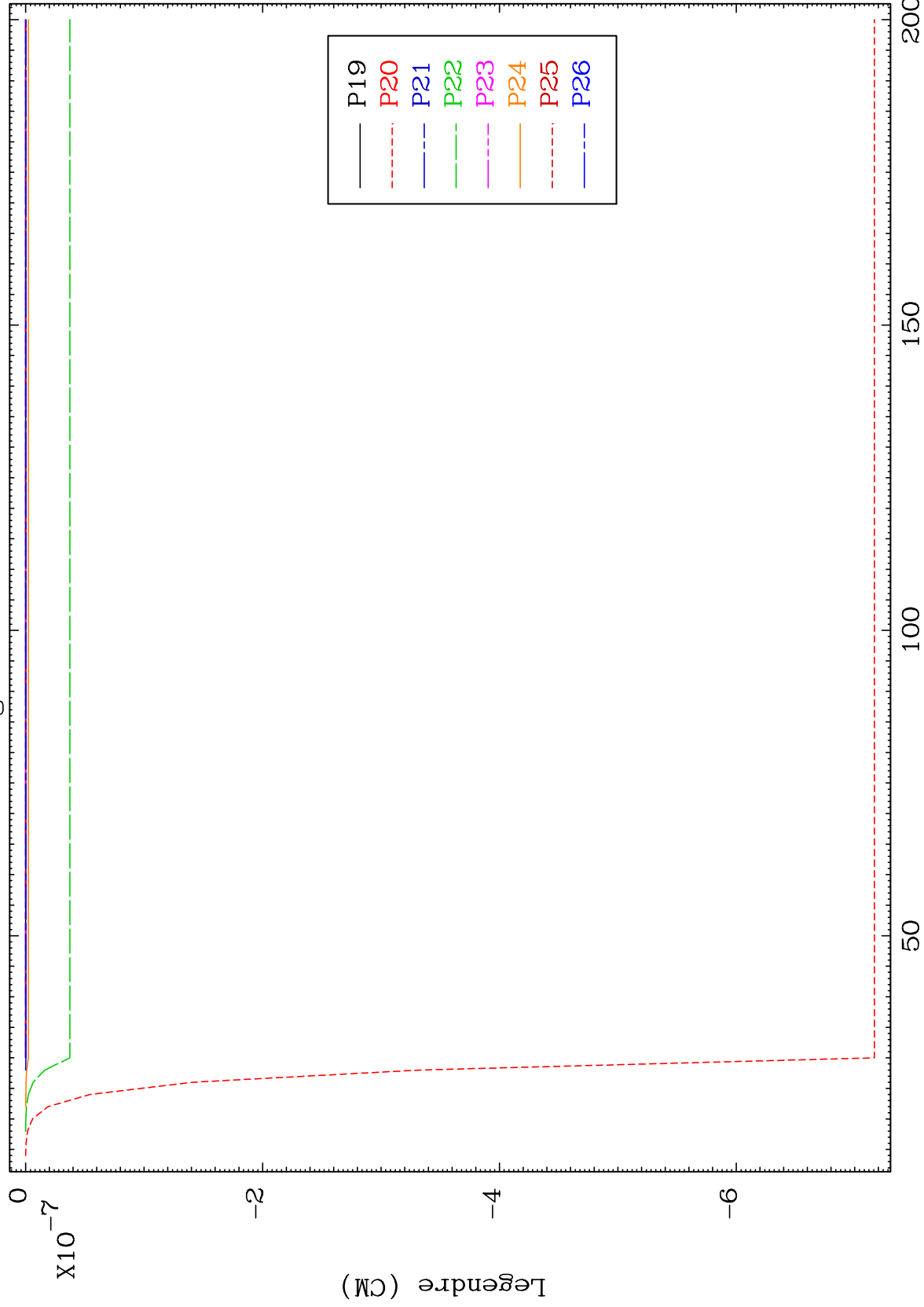
53-I -116



MAT 5292

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

53-I -116

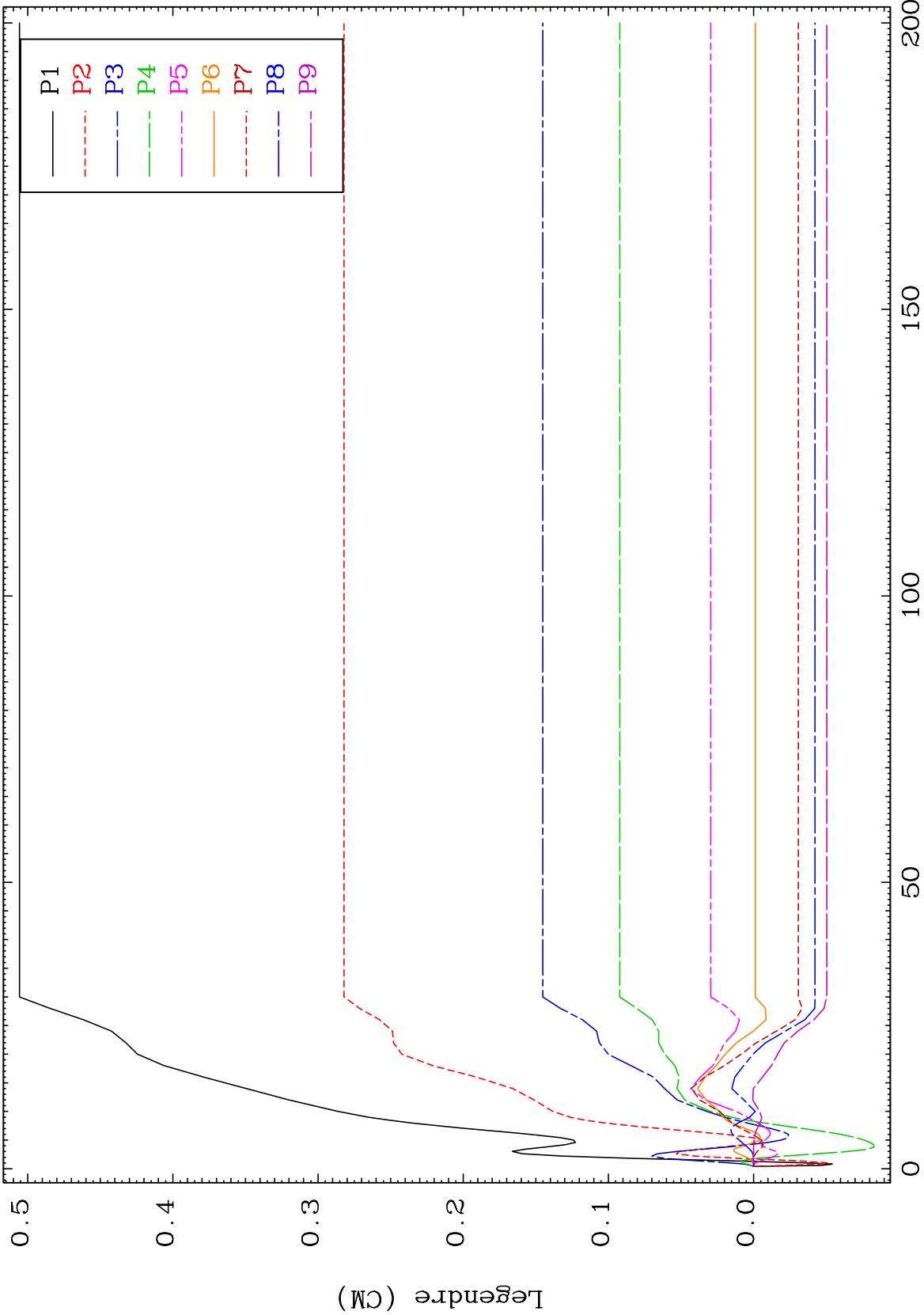


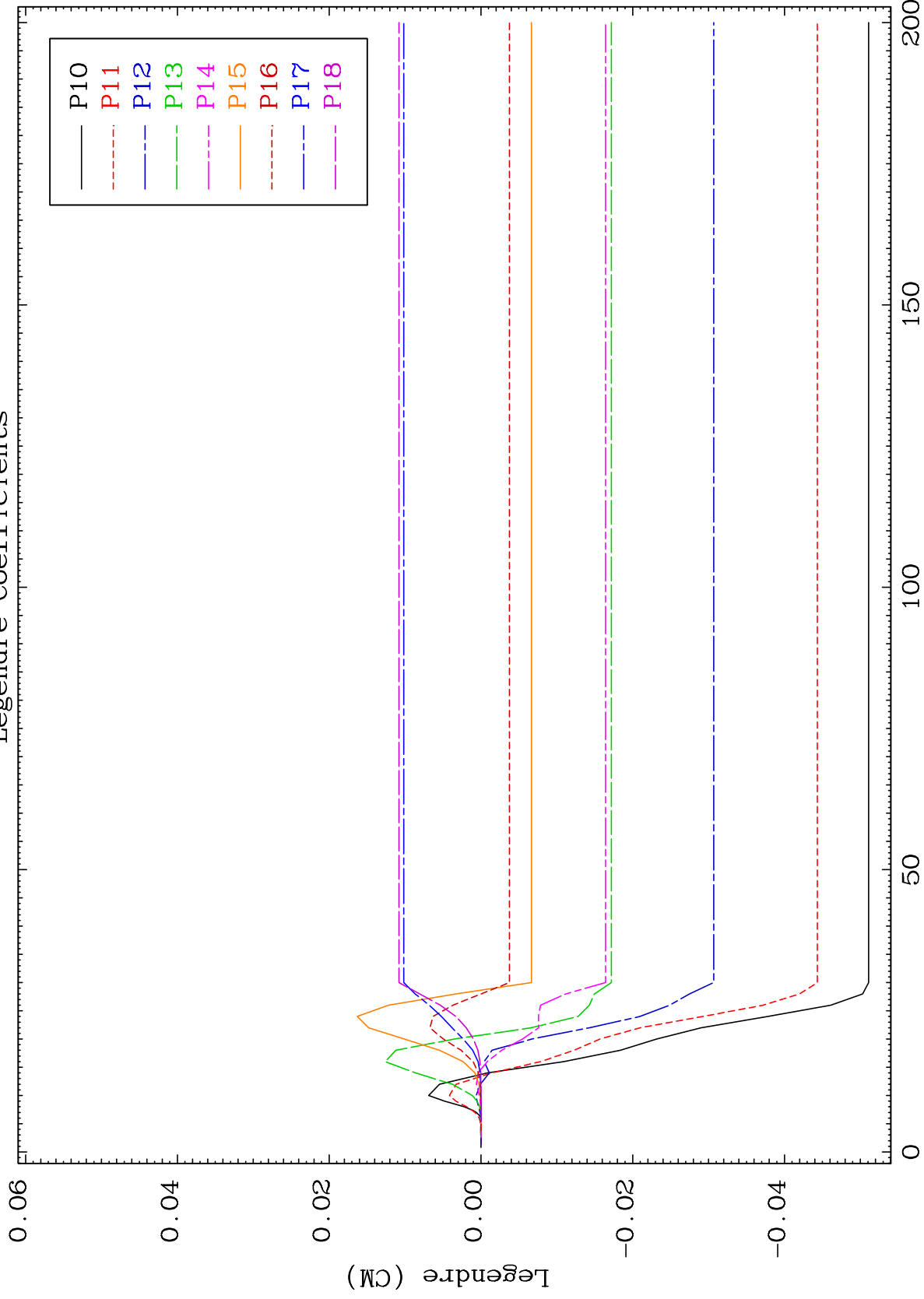
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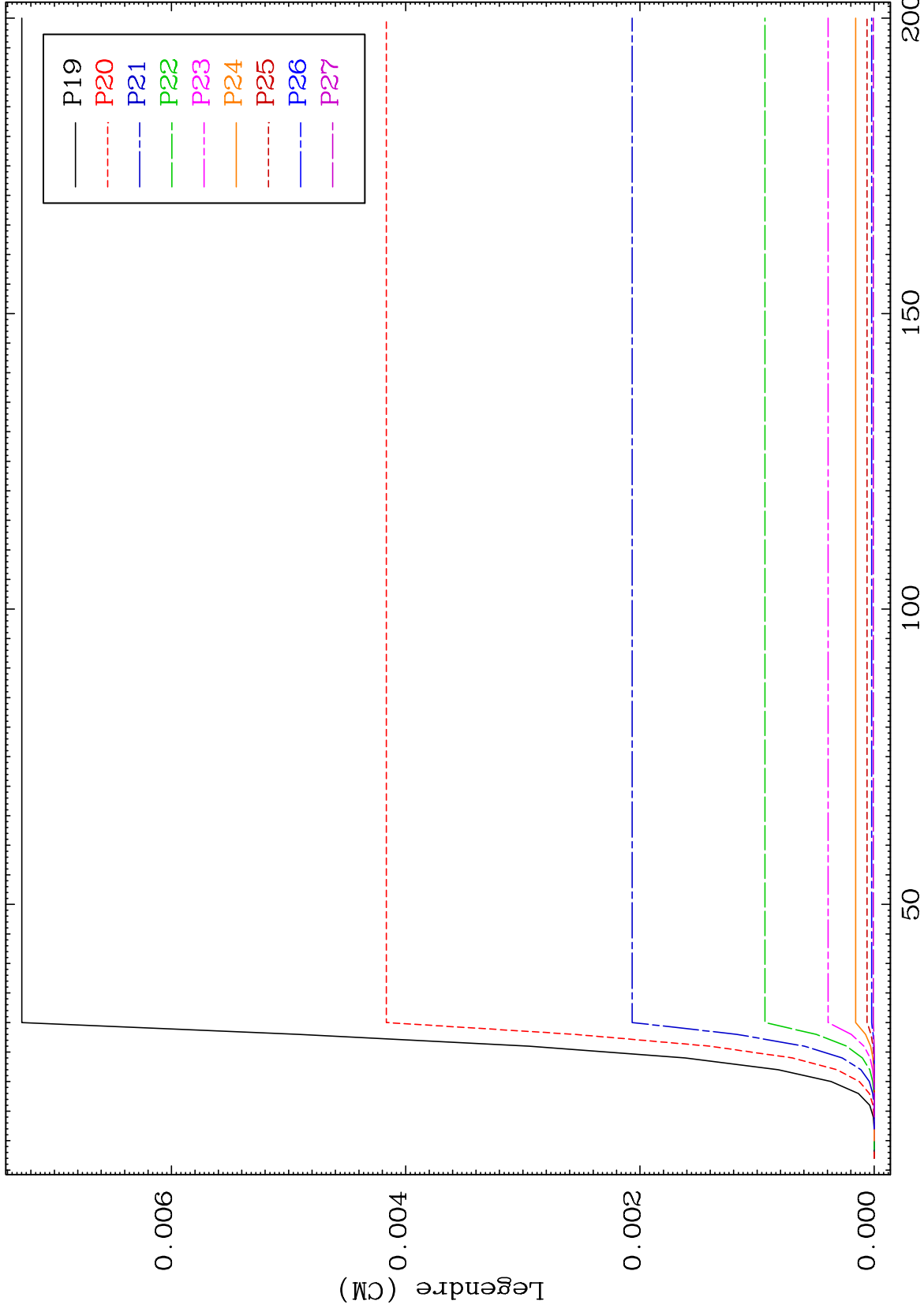
Incident Energy (MeV)

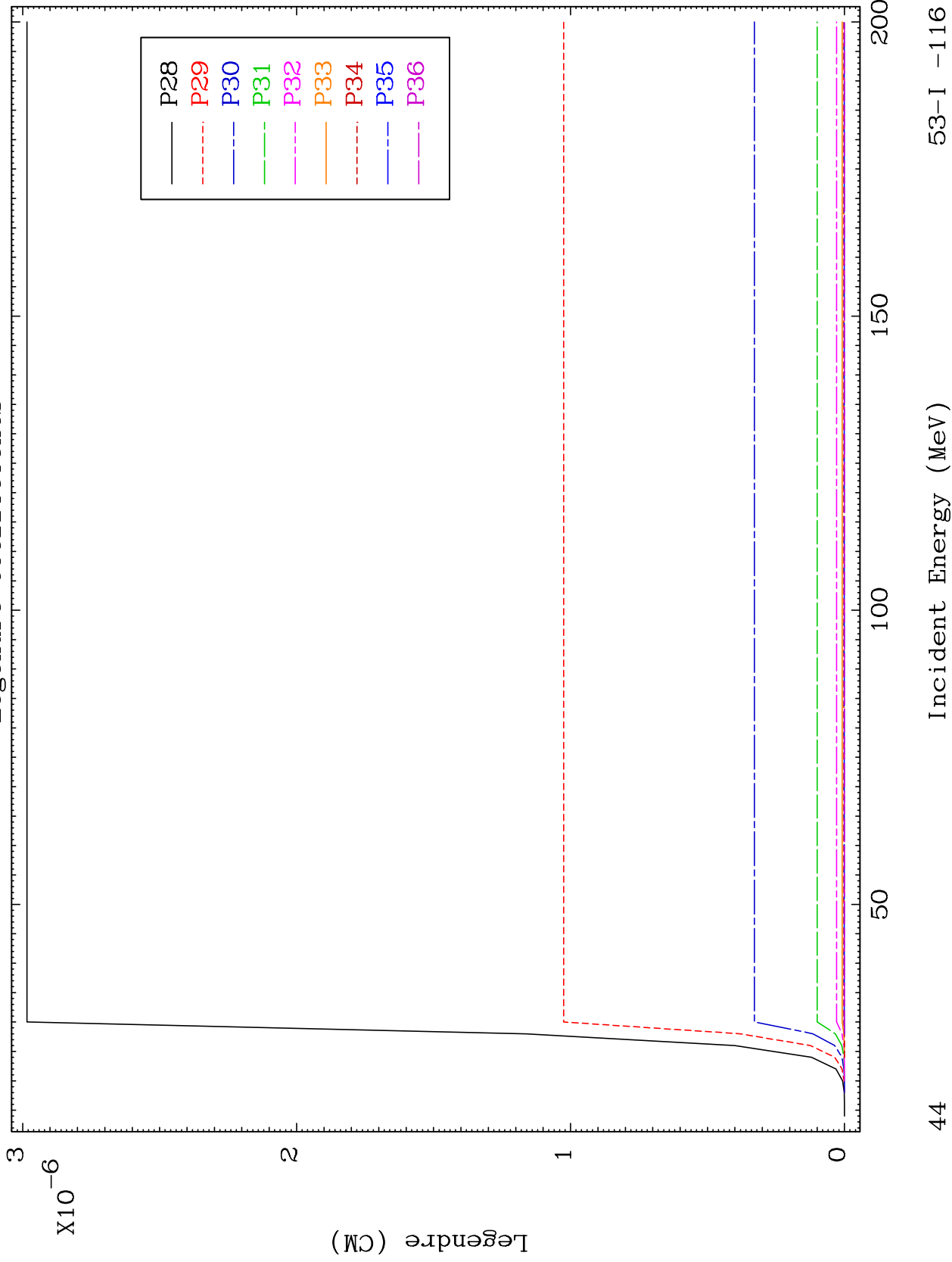
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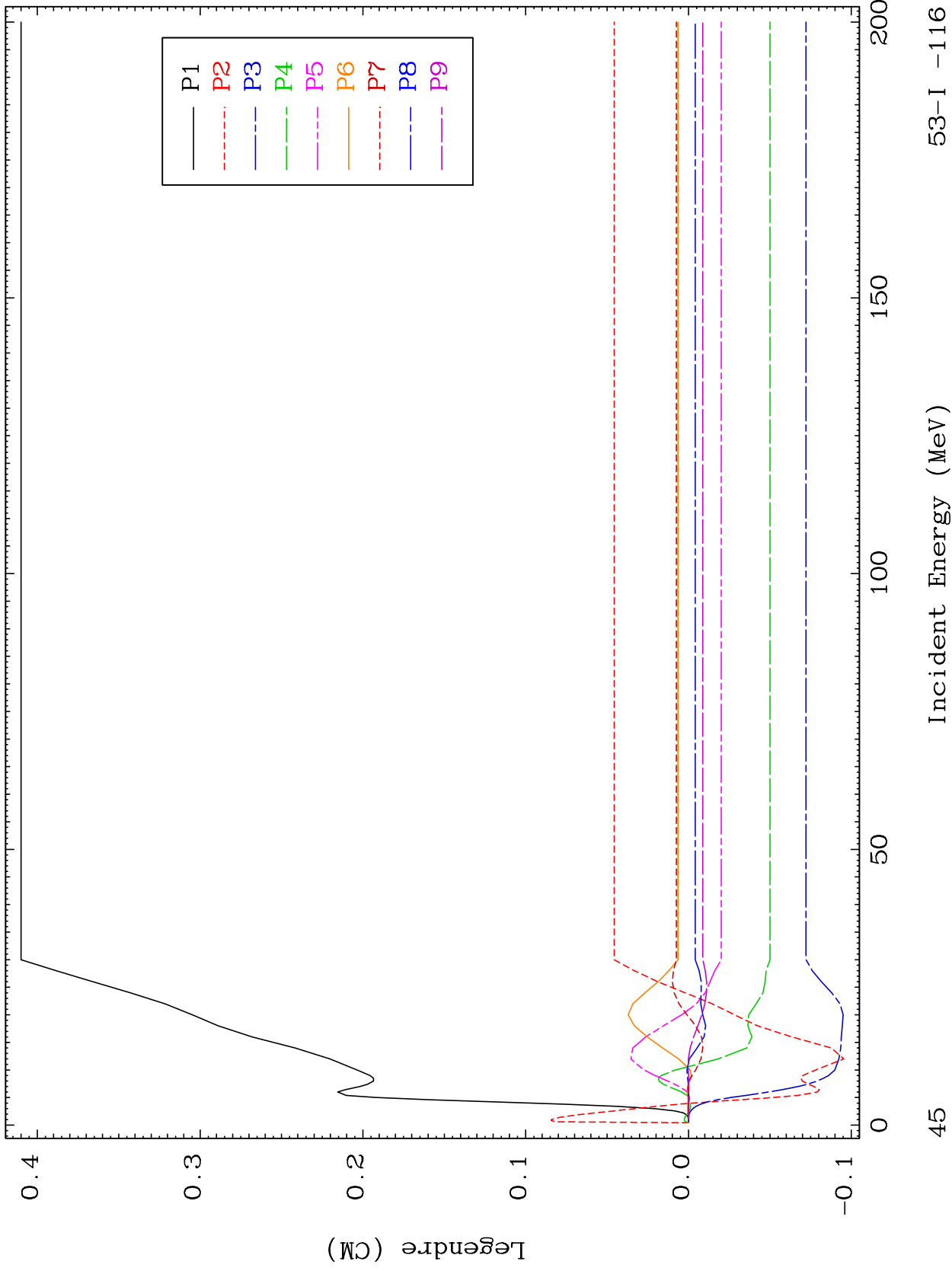
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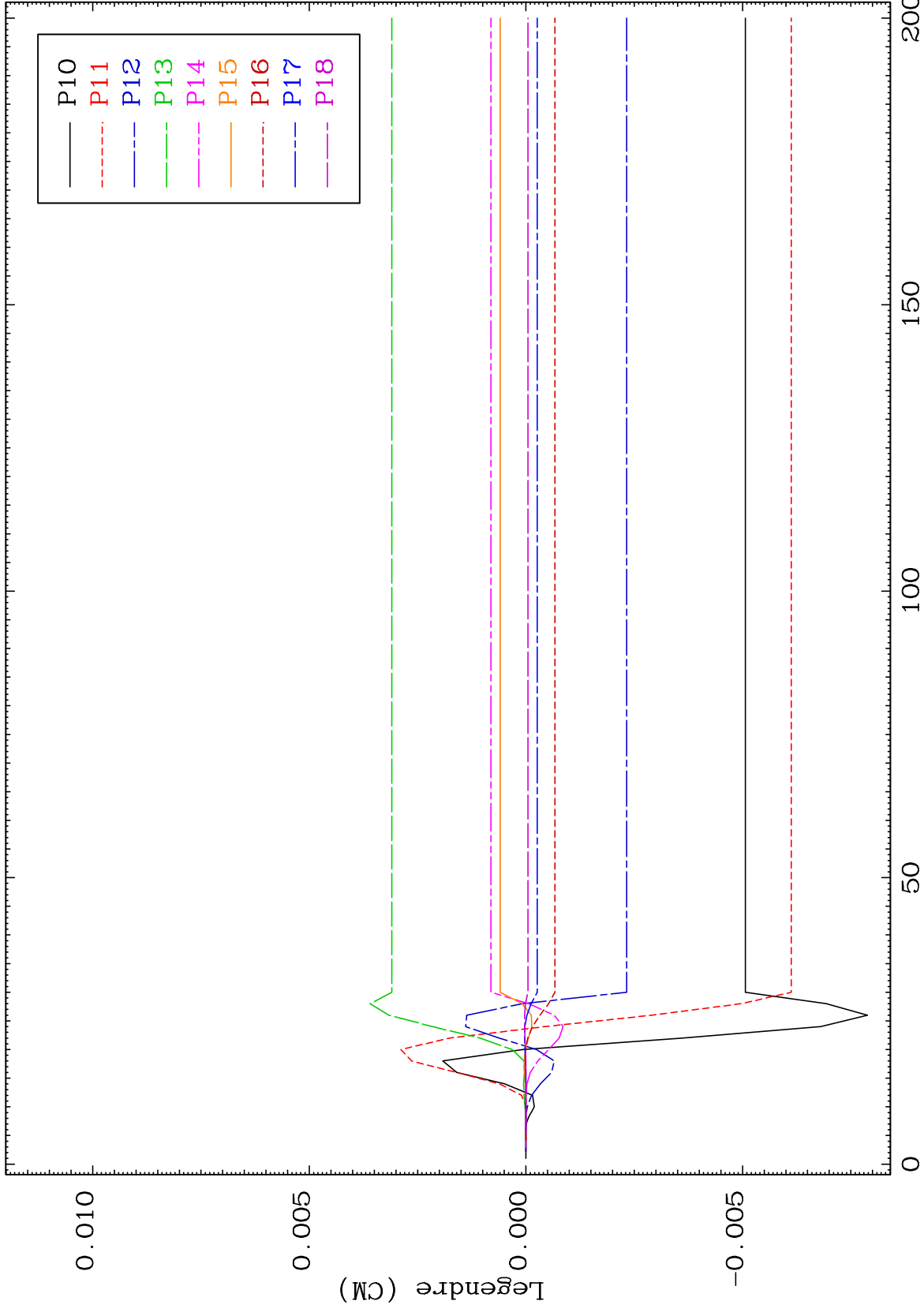




MAT 5292

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

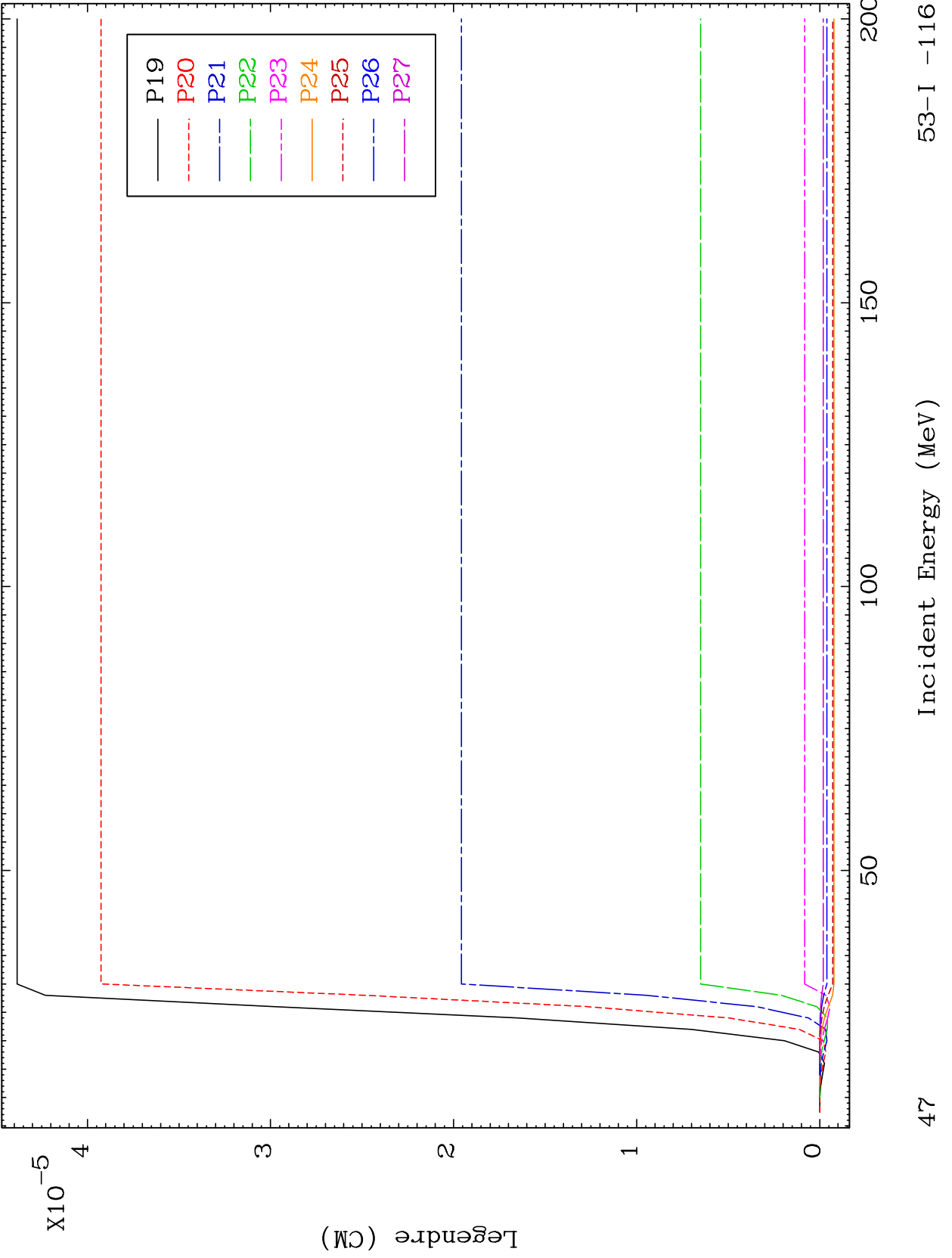
53-I -116



46

Incident Energy (MeV)

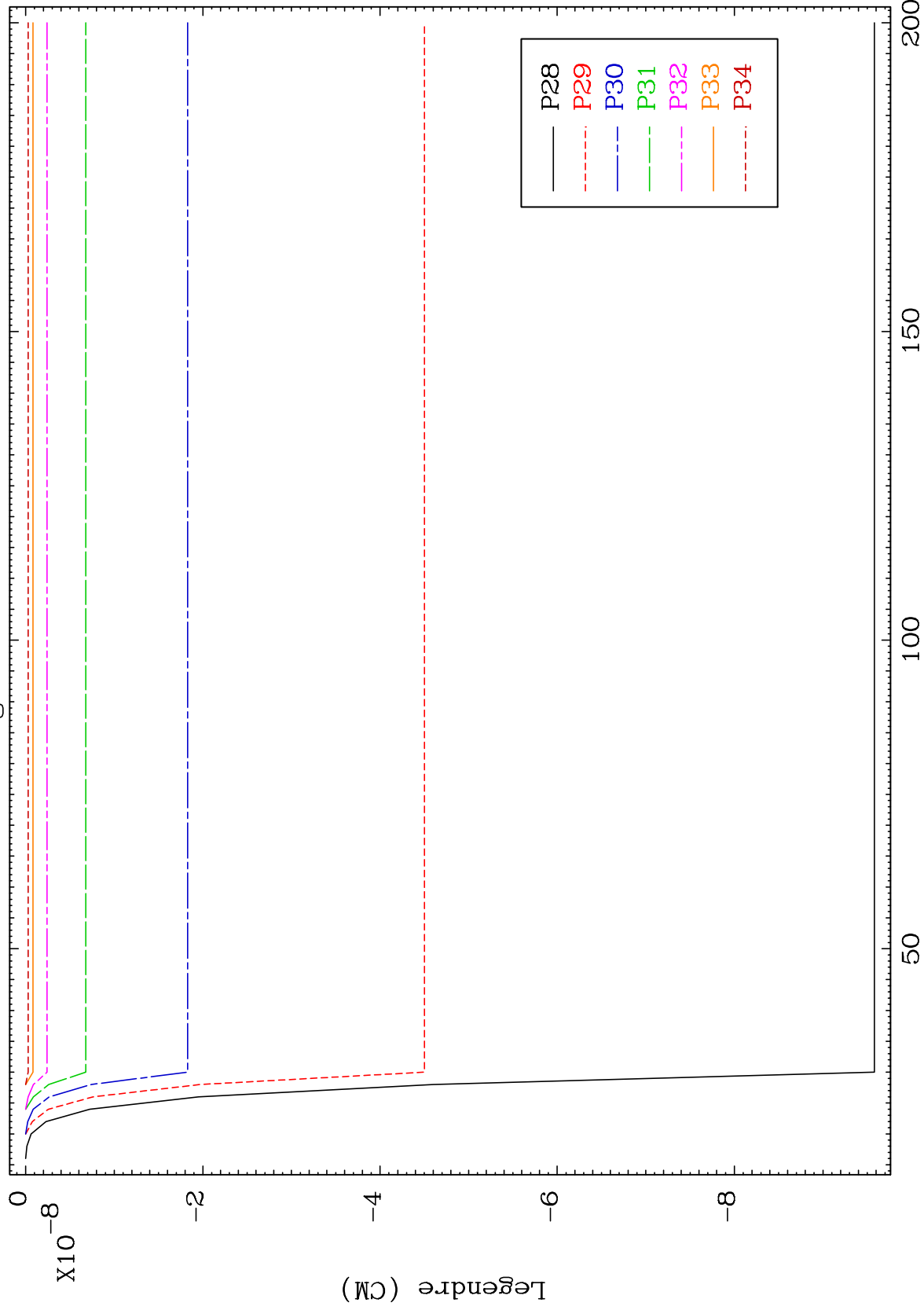
53-I -116



MAT 5292

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

53-I -116



48

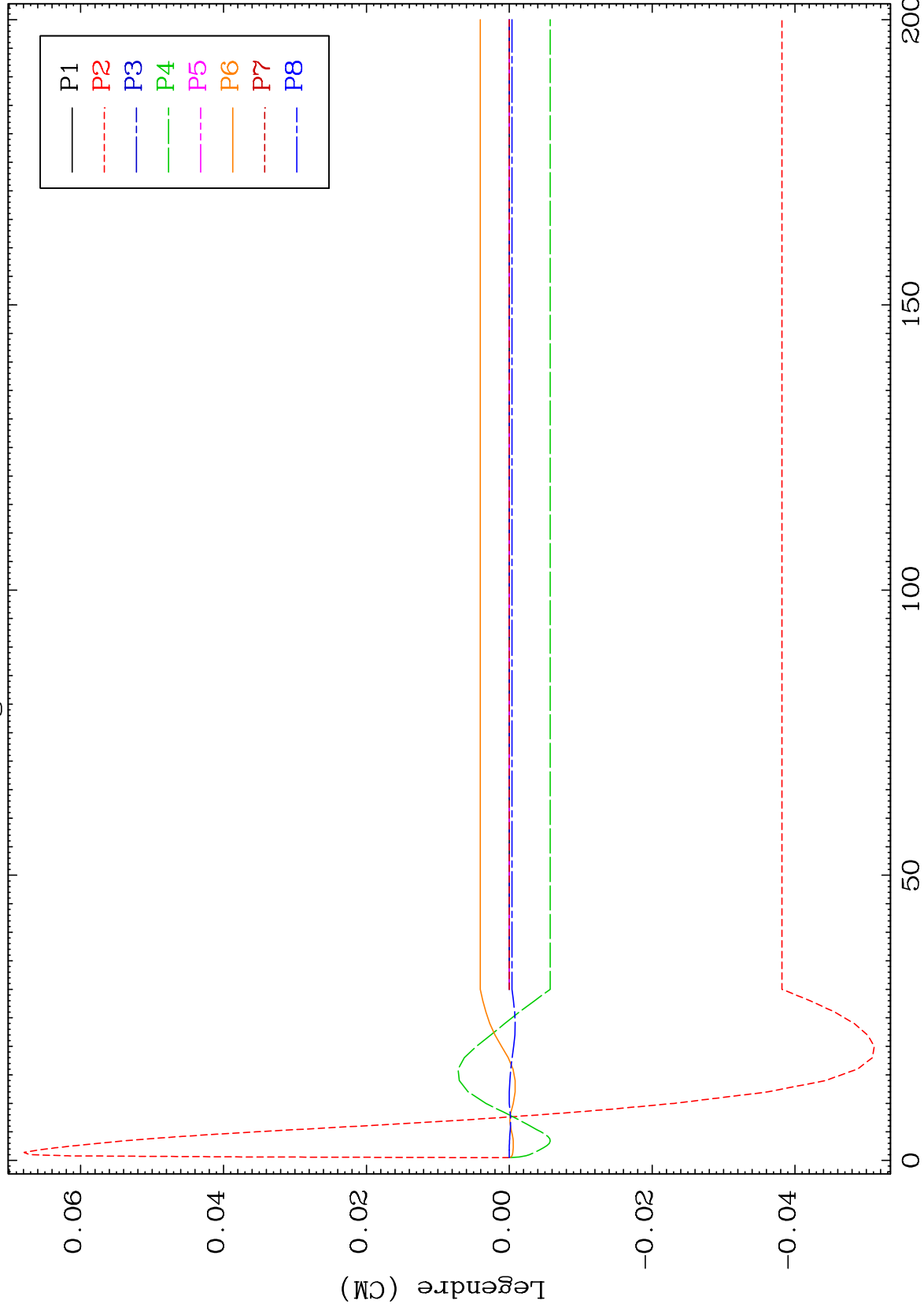
Incident Energy (MeV)

53-I -116

MAT 5292

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

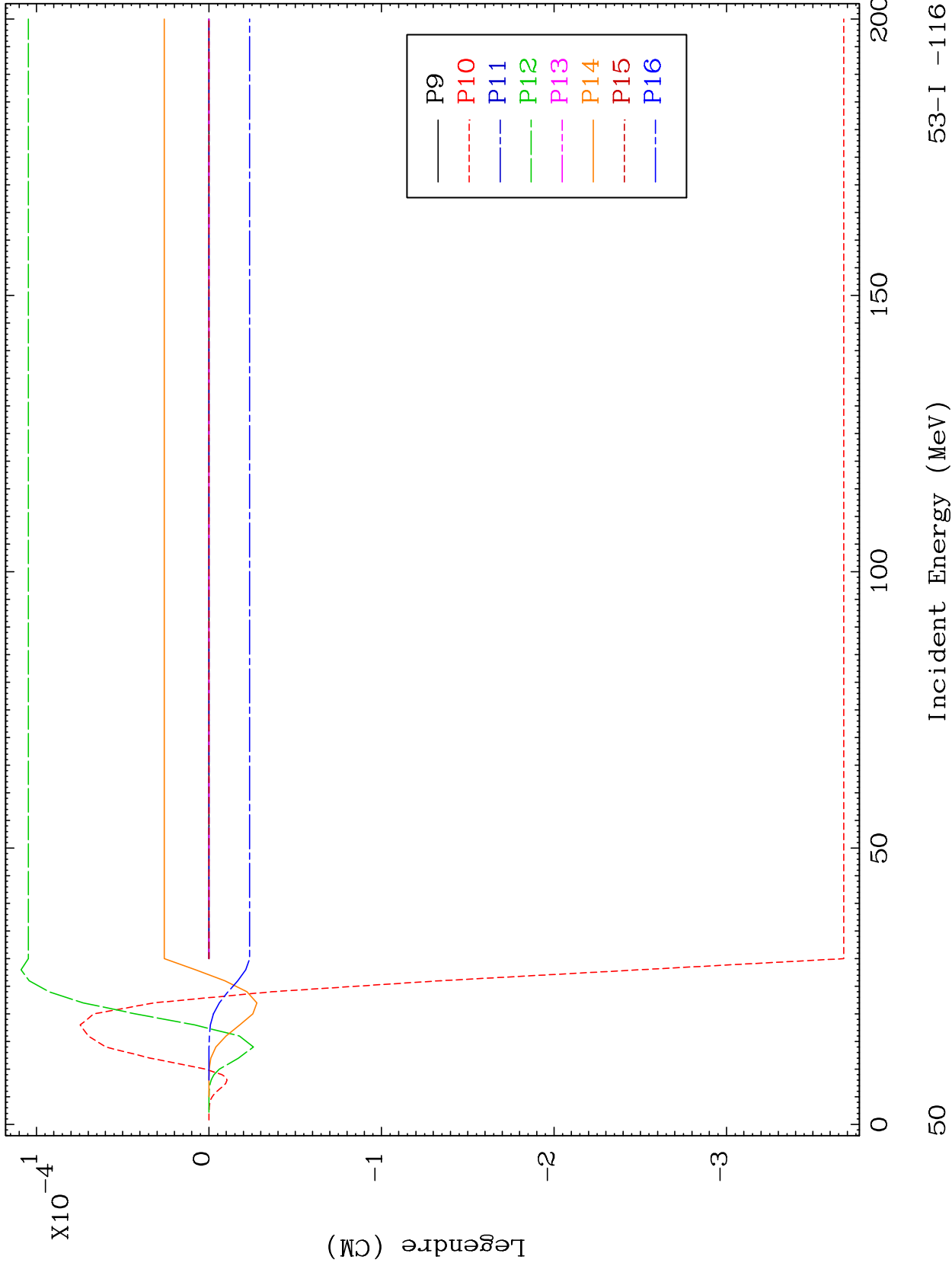
53-I -116



49

Incident Energy (MeV)

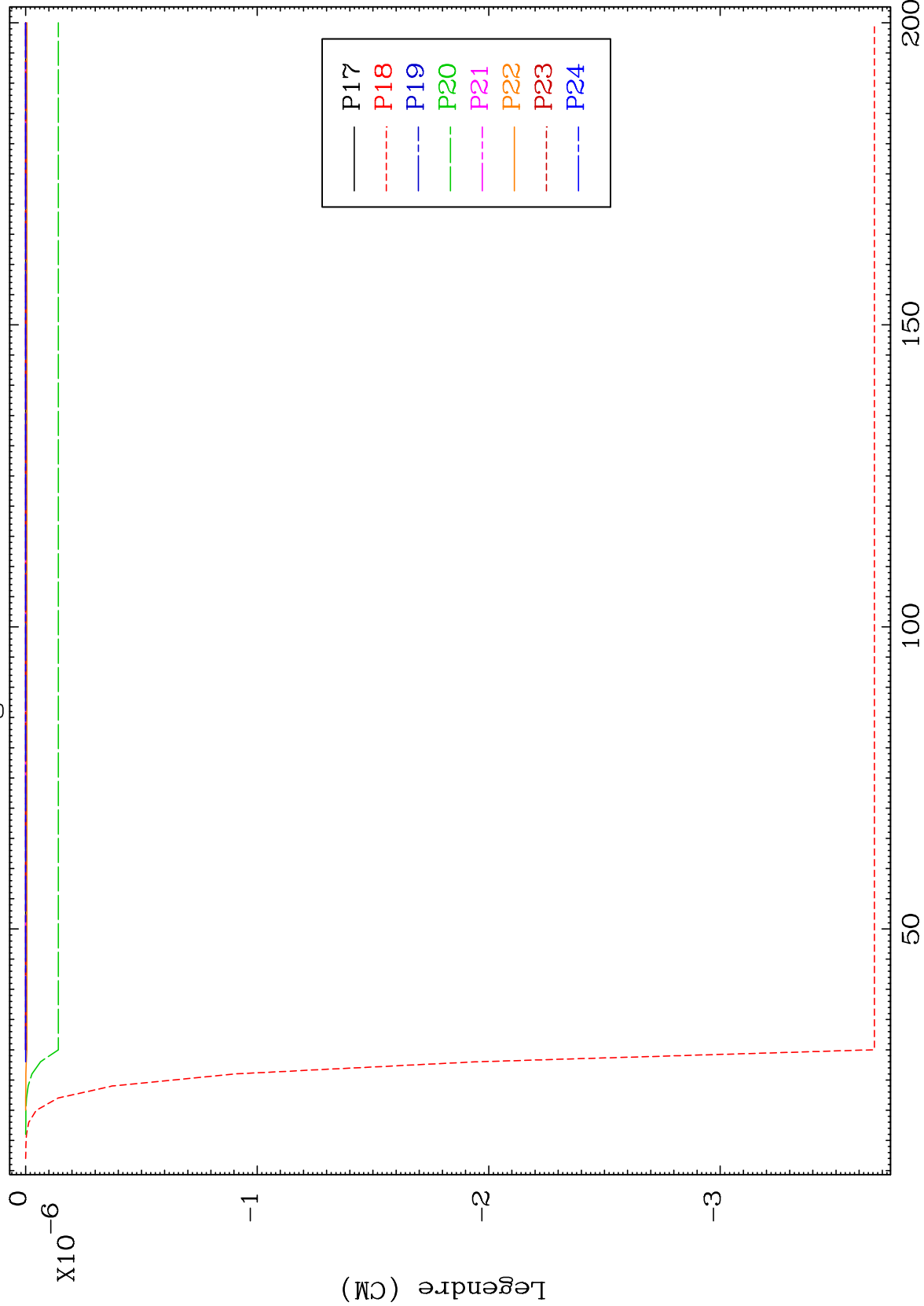
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MAT 5292

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

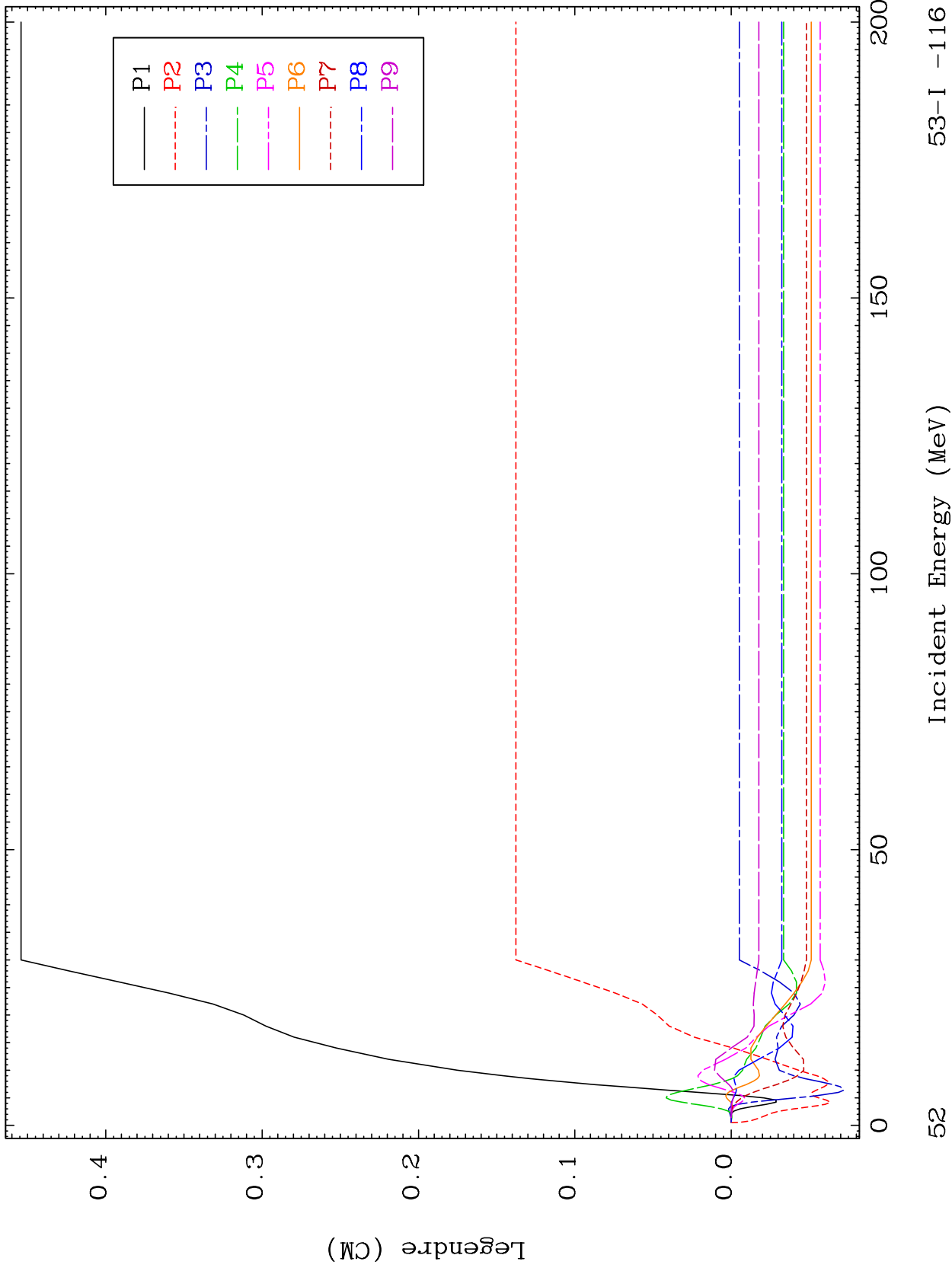
53-I -116



51

Incident Energy (MeV)

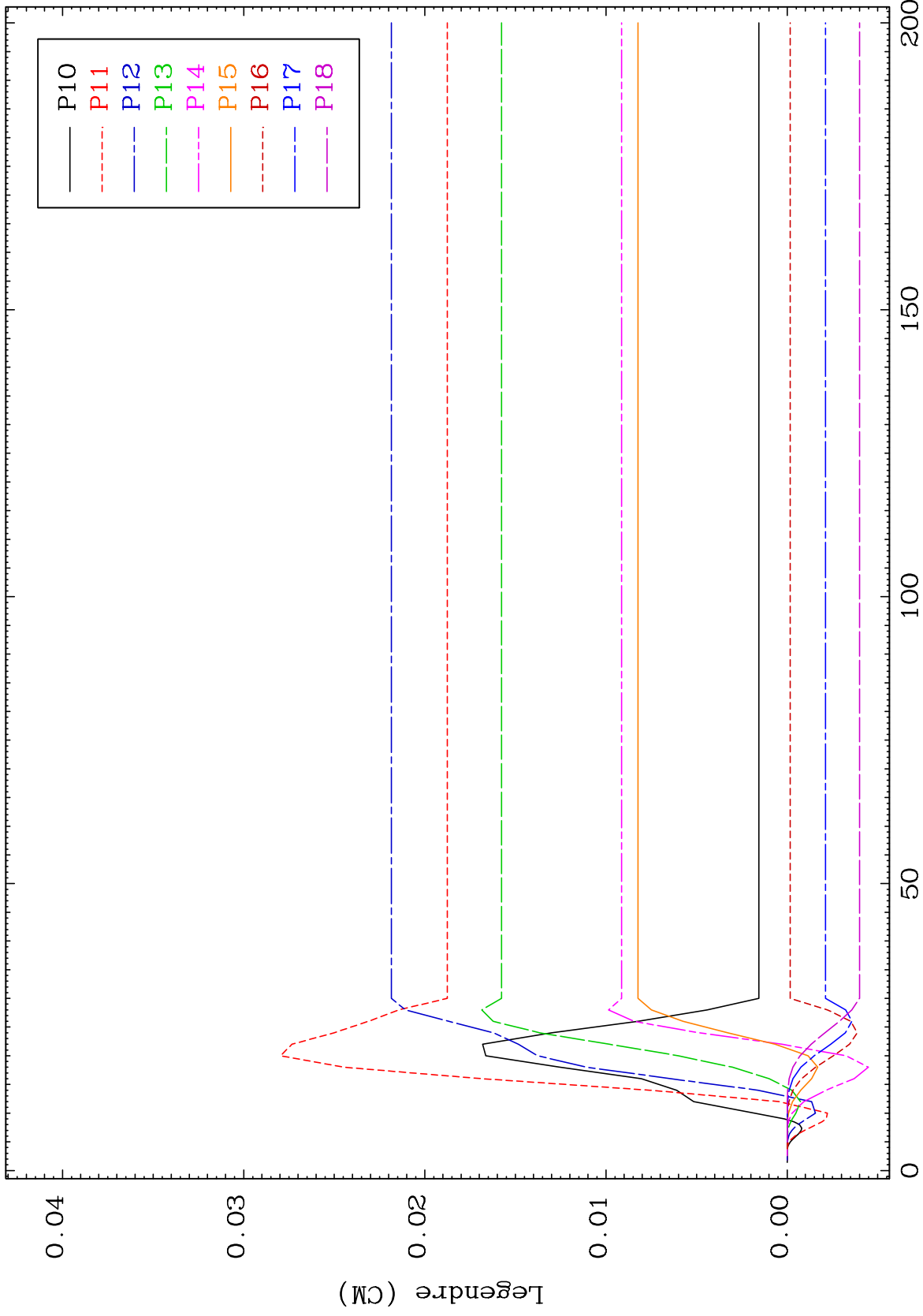
53-I -116



MAT 5292

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

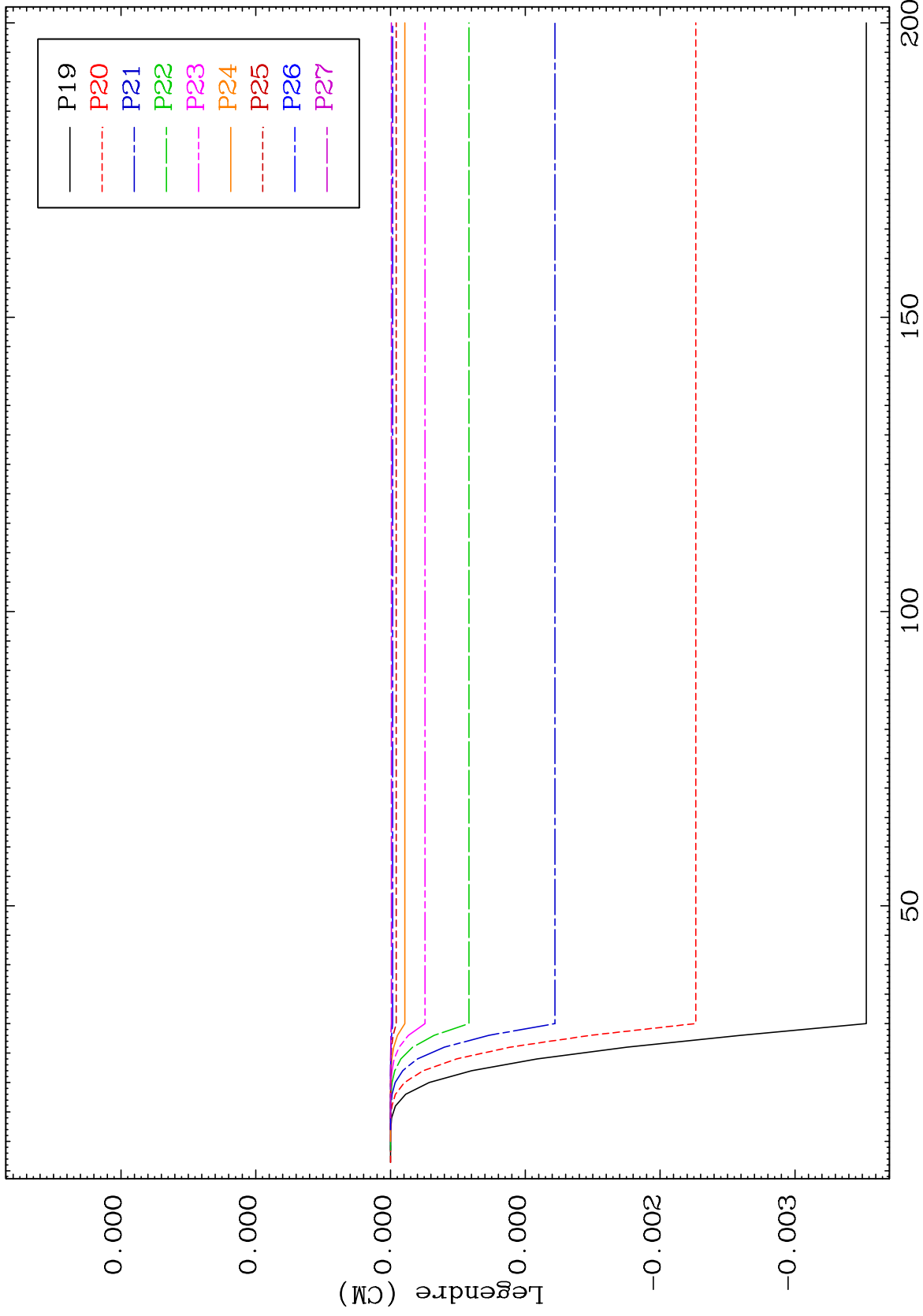
53-I -116

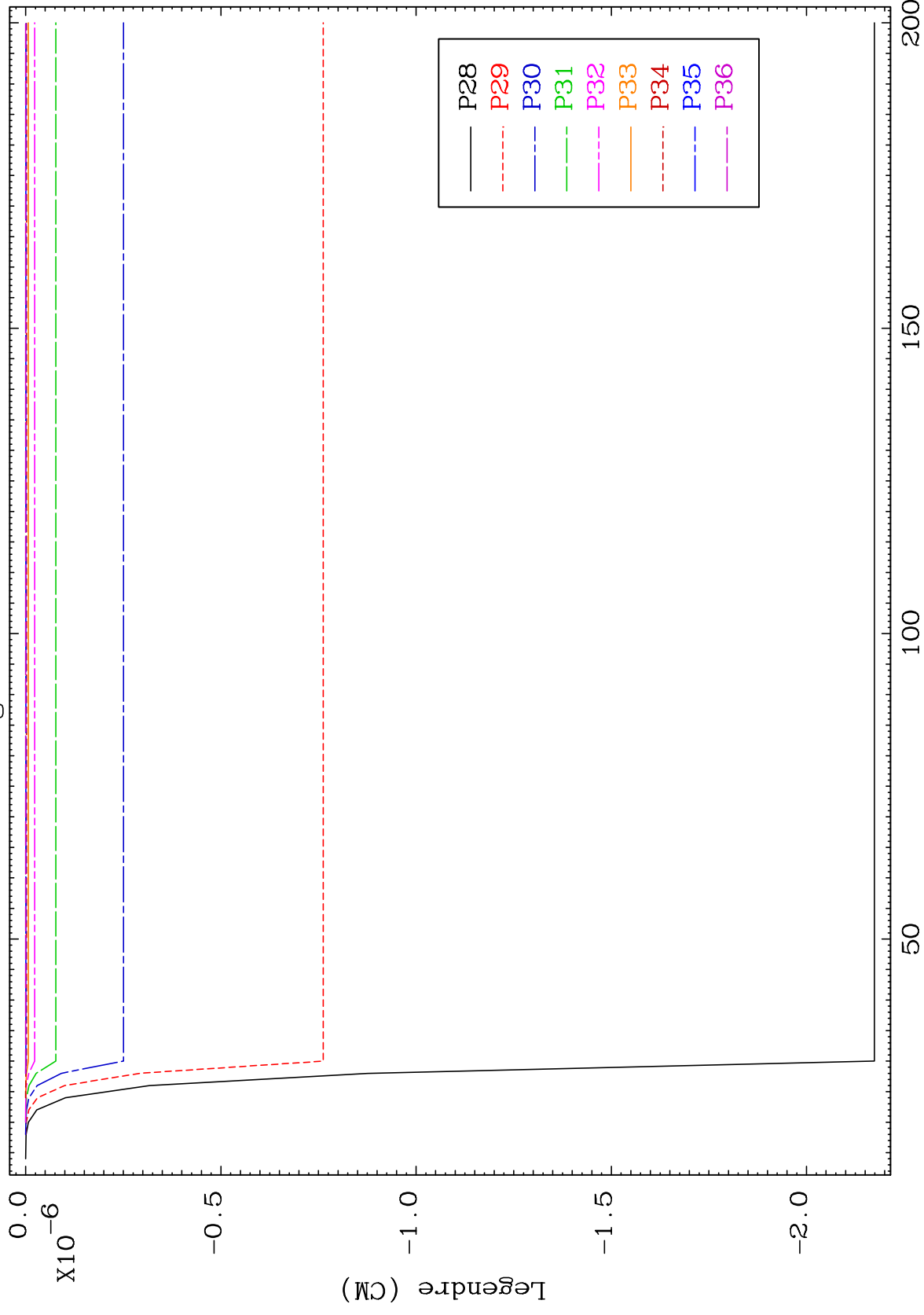


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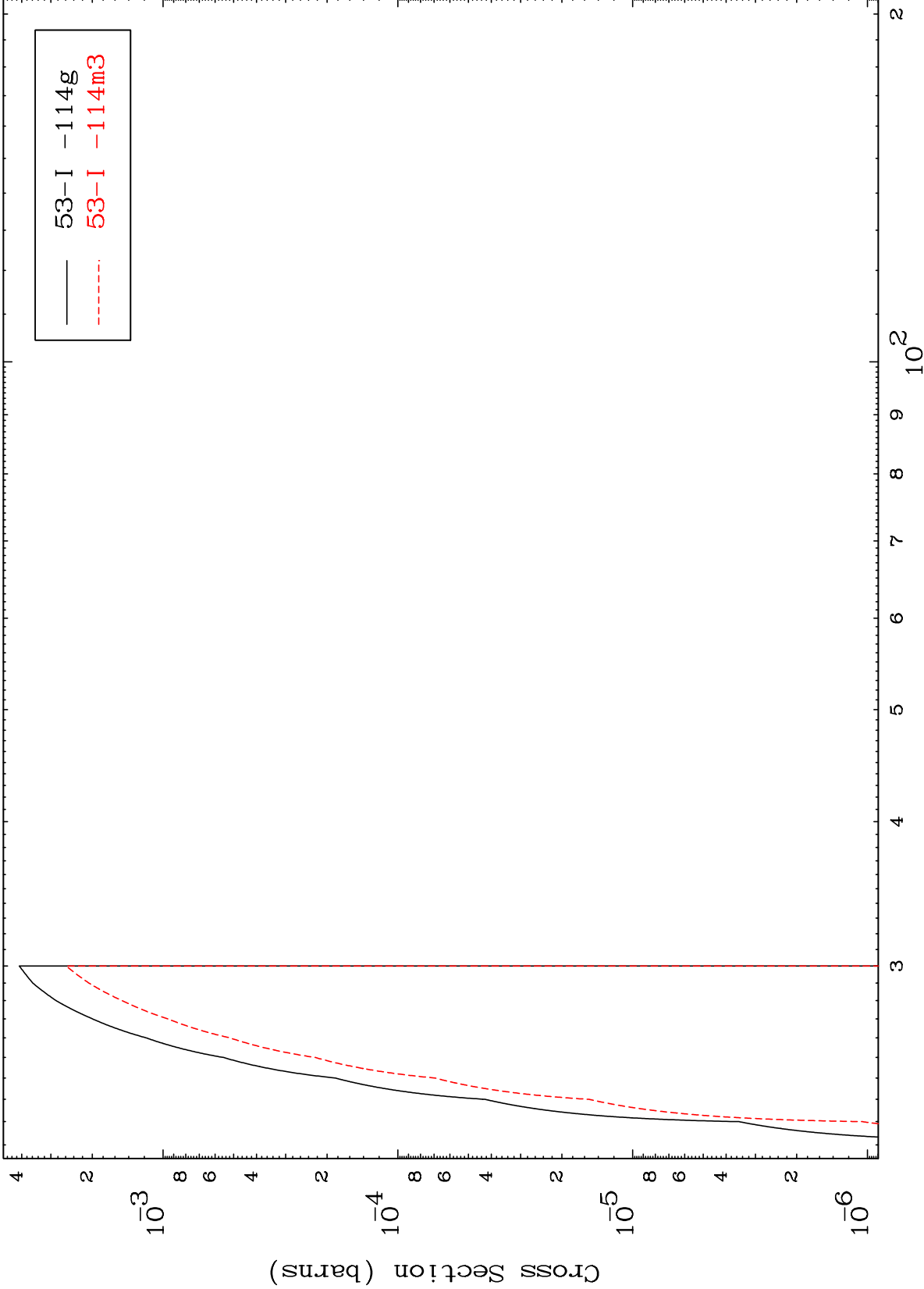
Incident Energy (MeV)

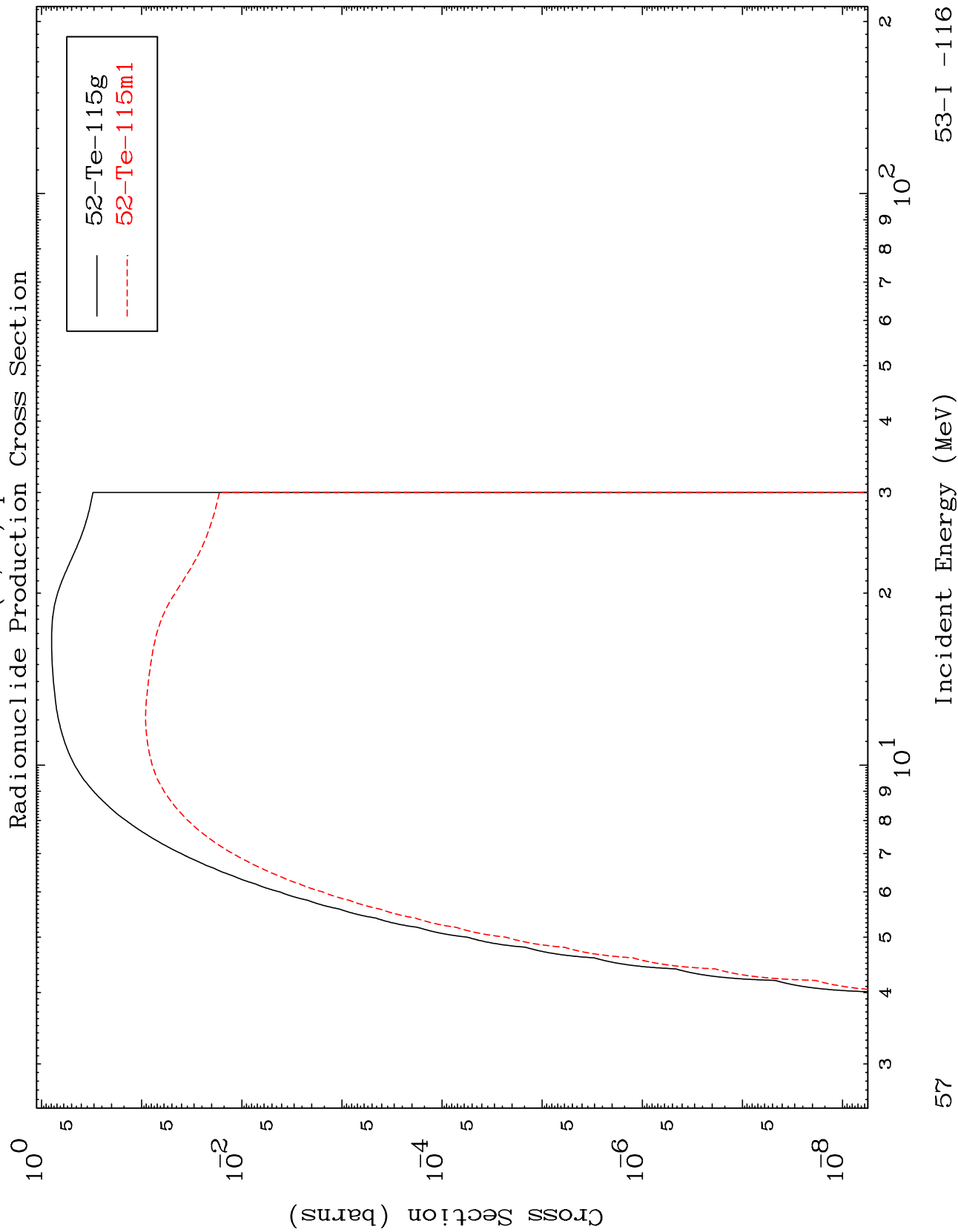
53-I -116





Radionuclide Production Cross Section



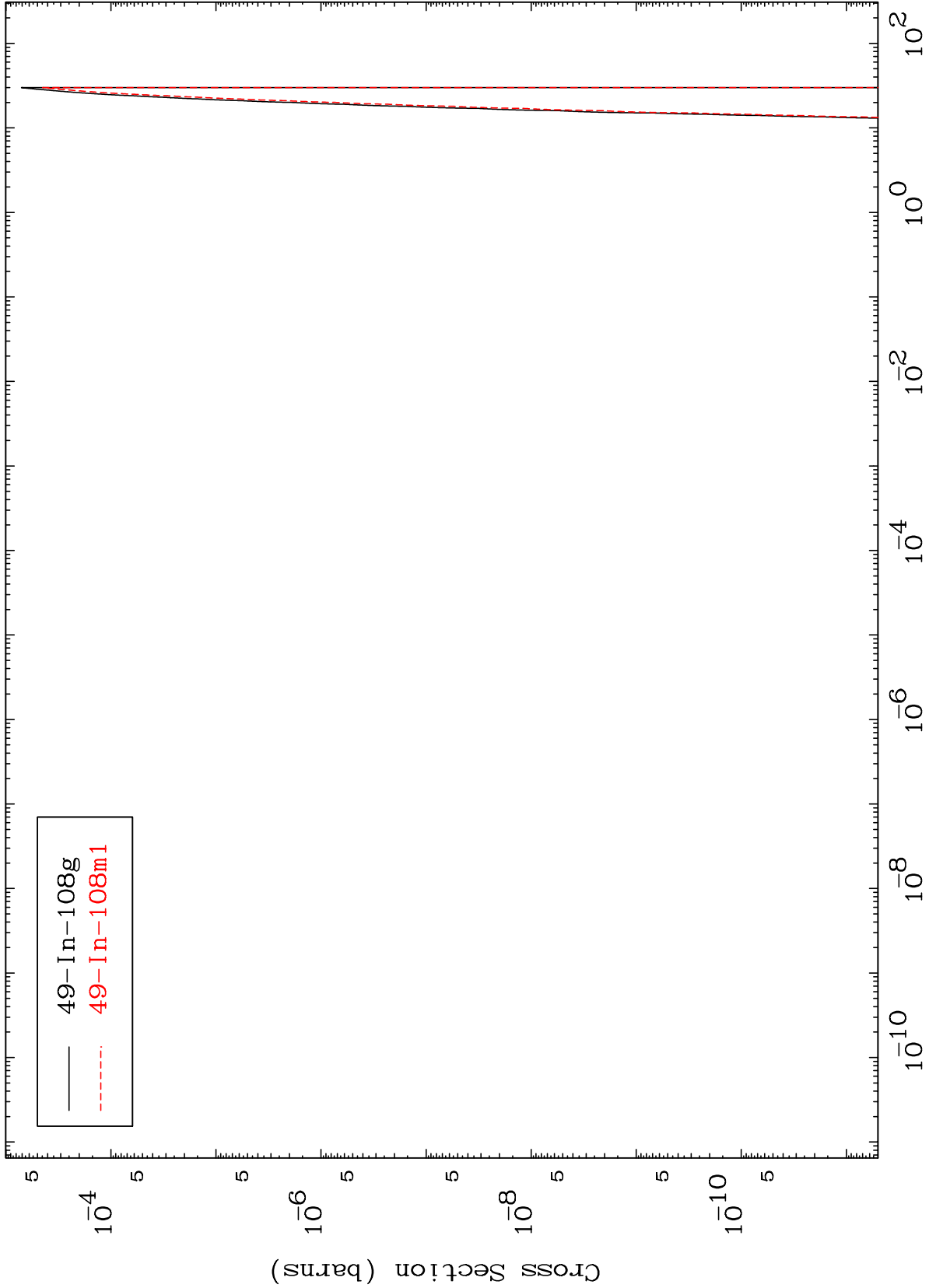


MAT 5292

(n,n') 2α

53-I -116

Radionuclide Production Cross Section

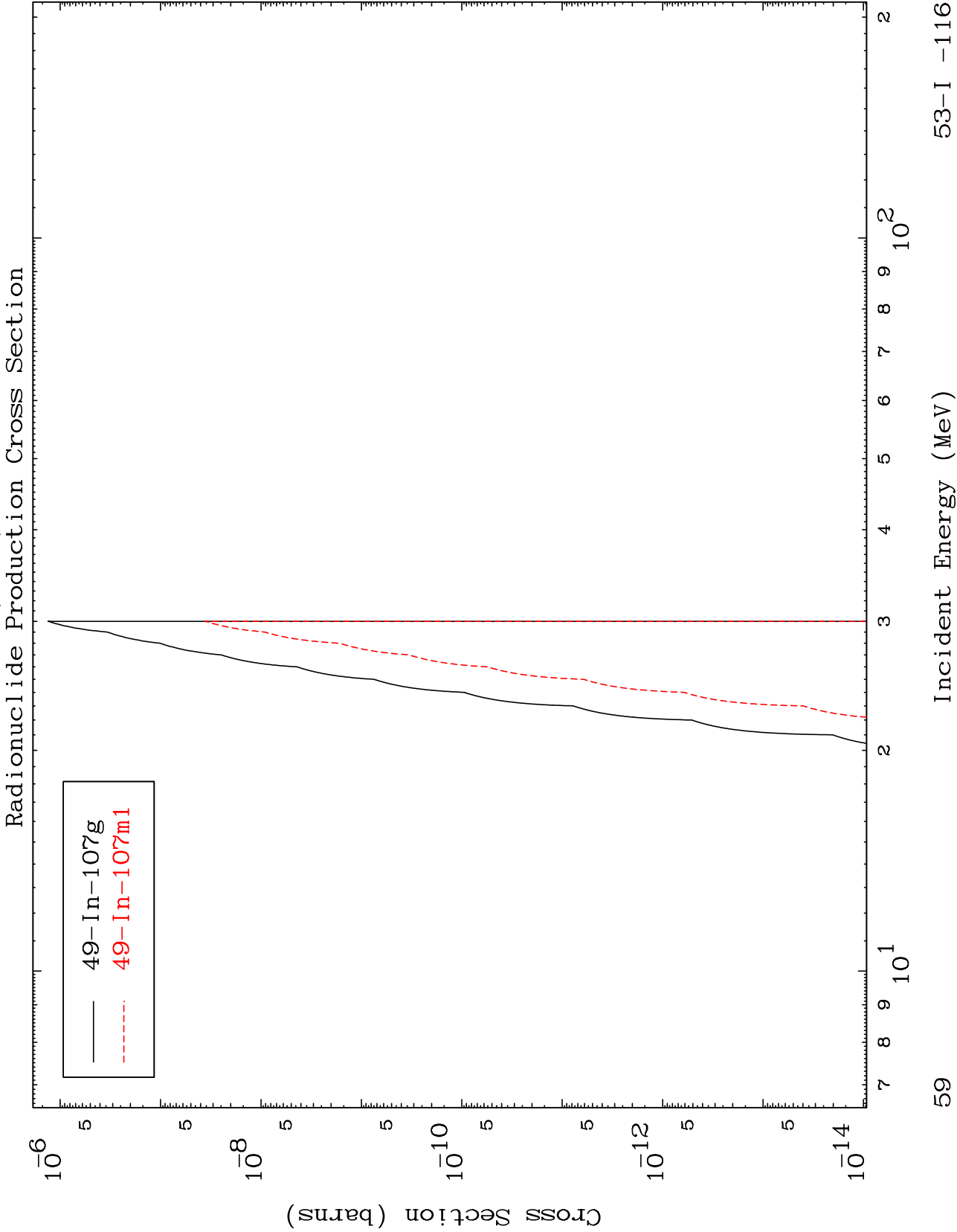


— 49-In-108g
- - - 49-In-108m1

58

Incident Energy (MeV)

53-I -116

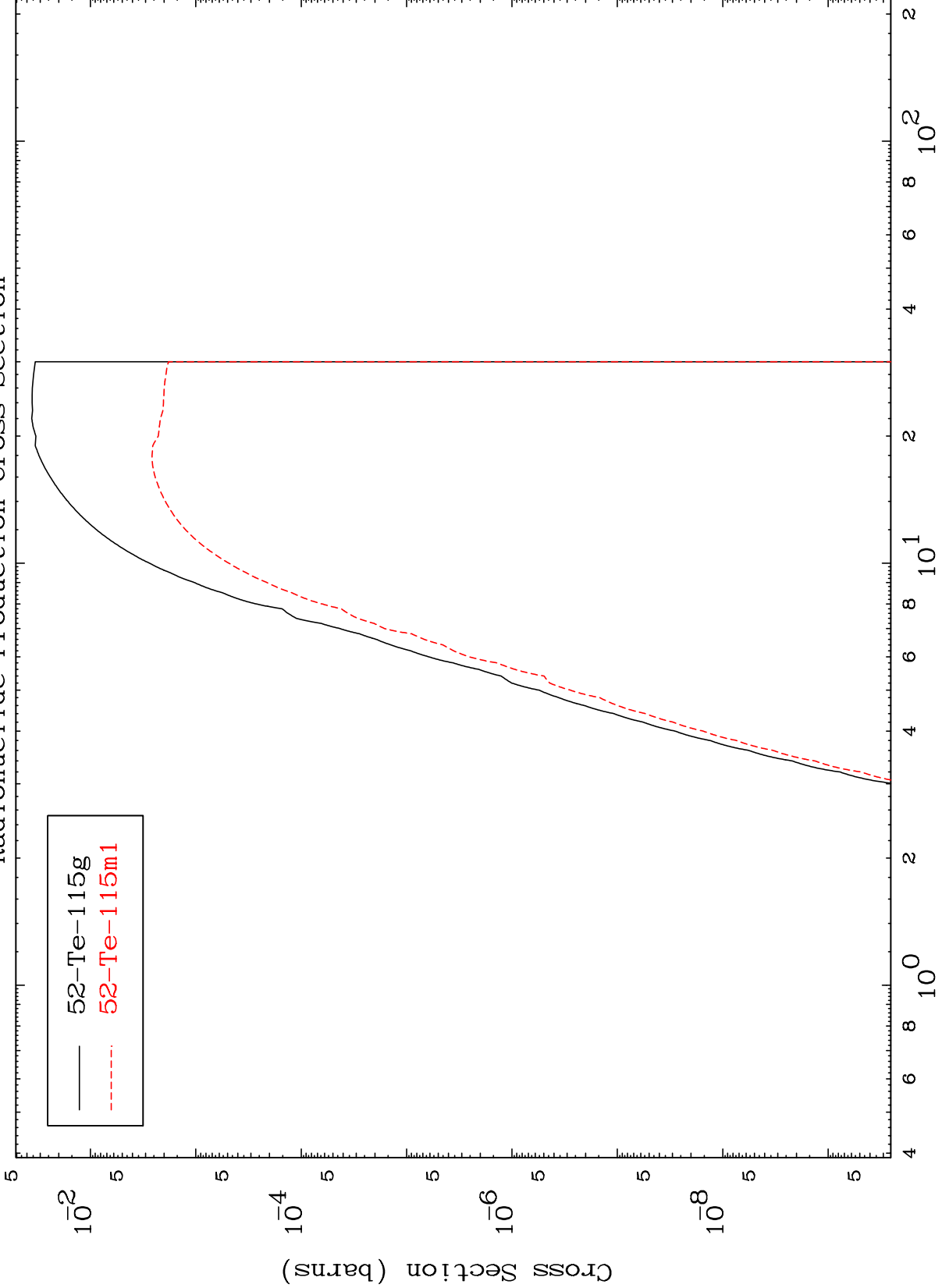


MAT 5292

(n,d)

53-I -116

Radionuclide Production Cross Section

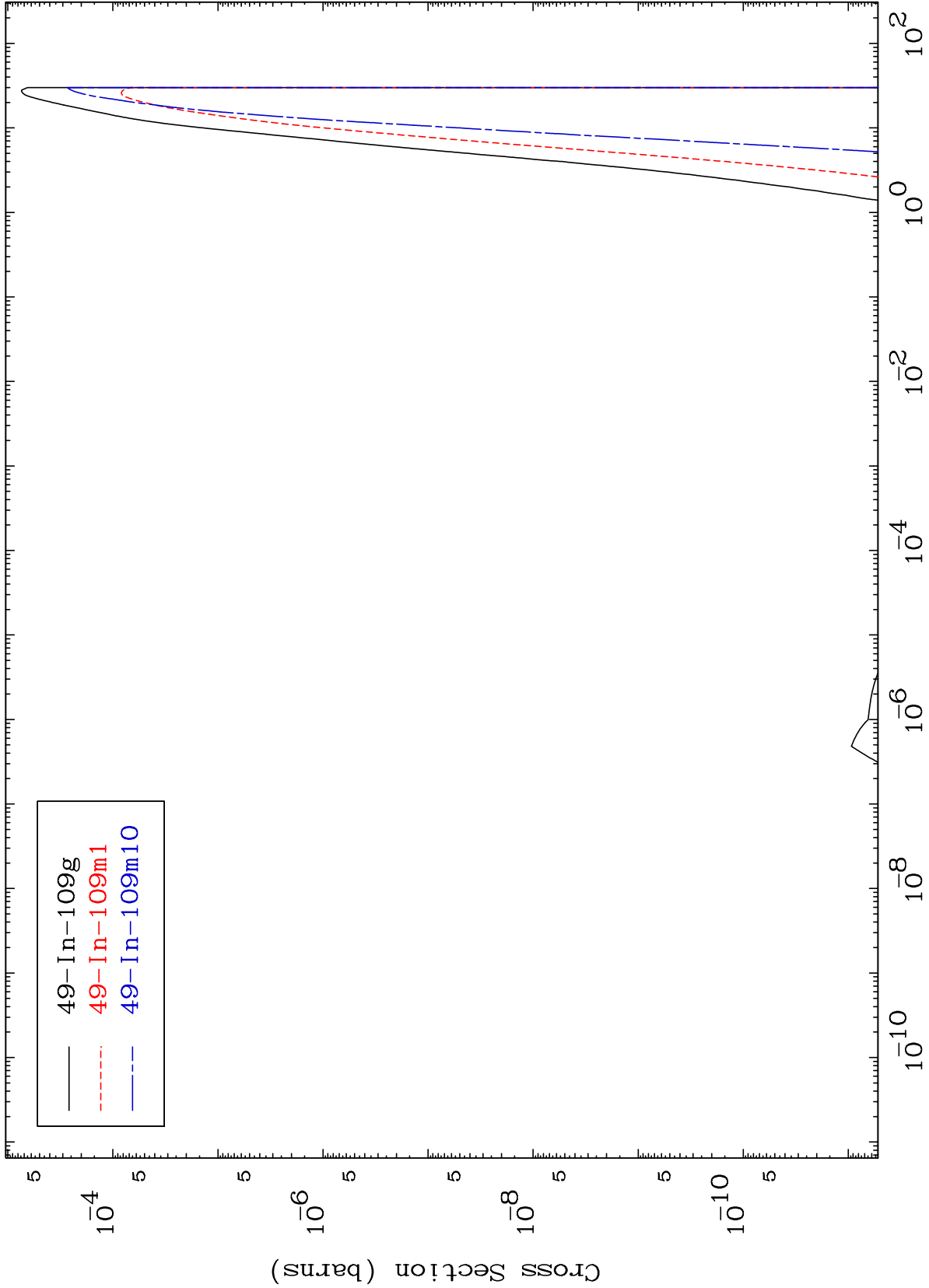


60

Incident Energy (MeV)

53-I -116

Radionuclide Production Cross Section

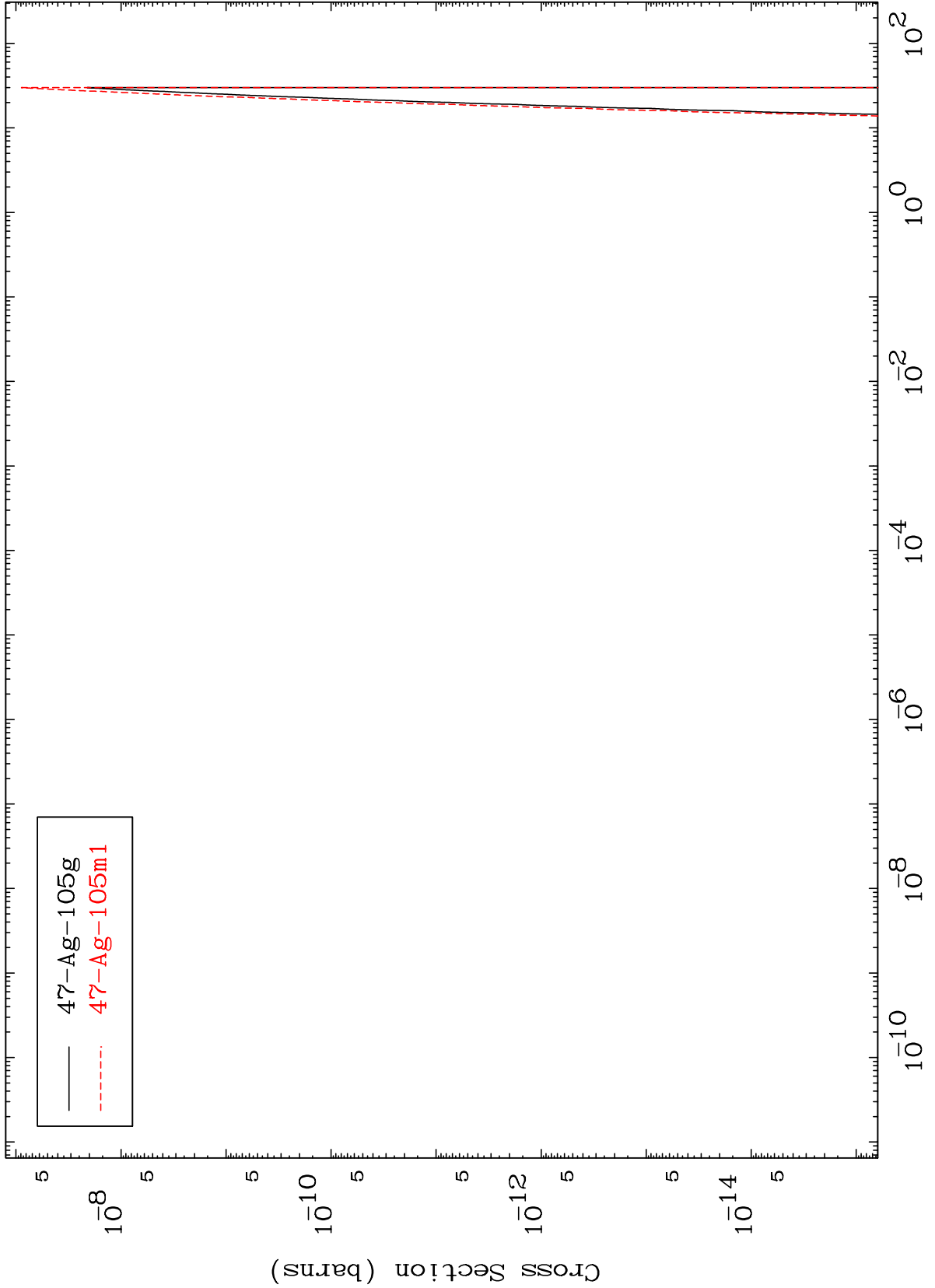


MAT 5292

(n,3α)

53-I -116

Radionuclide Production Cross Section



62

Incident Energy (MeV)

53-I -116