

Program EVALPLOT
(Version 2021-1)

by

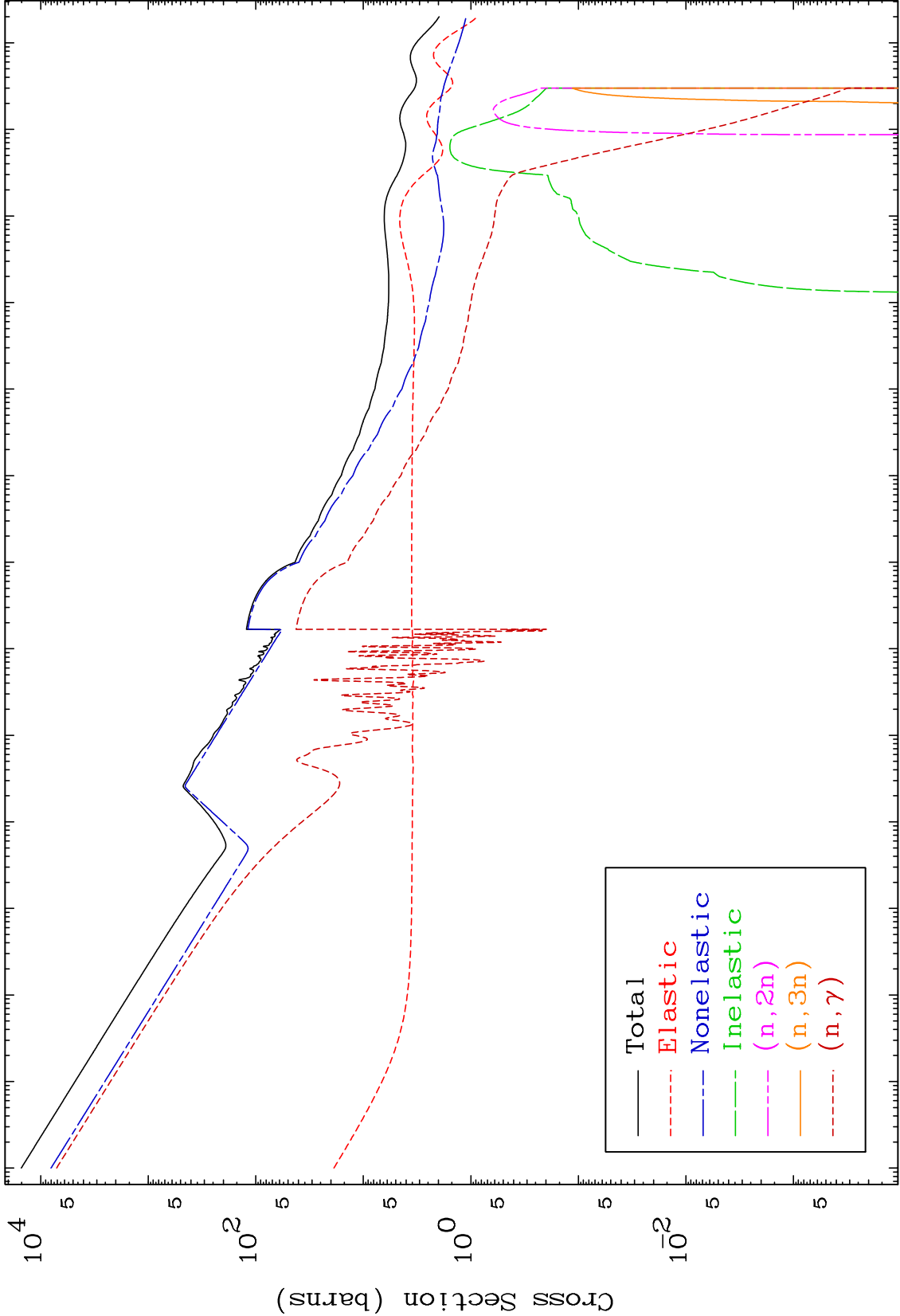
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

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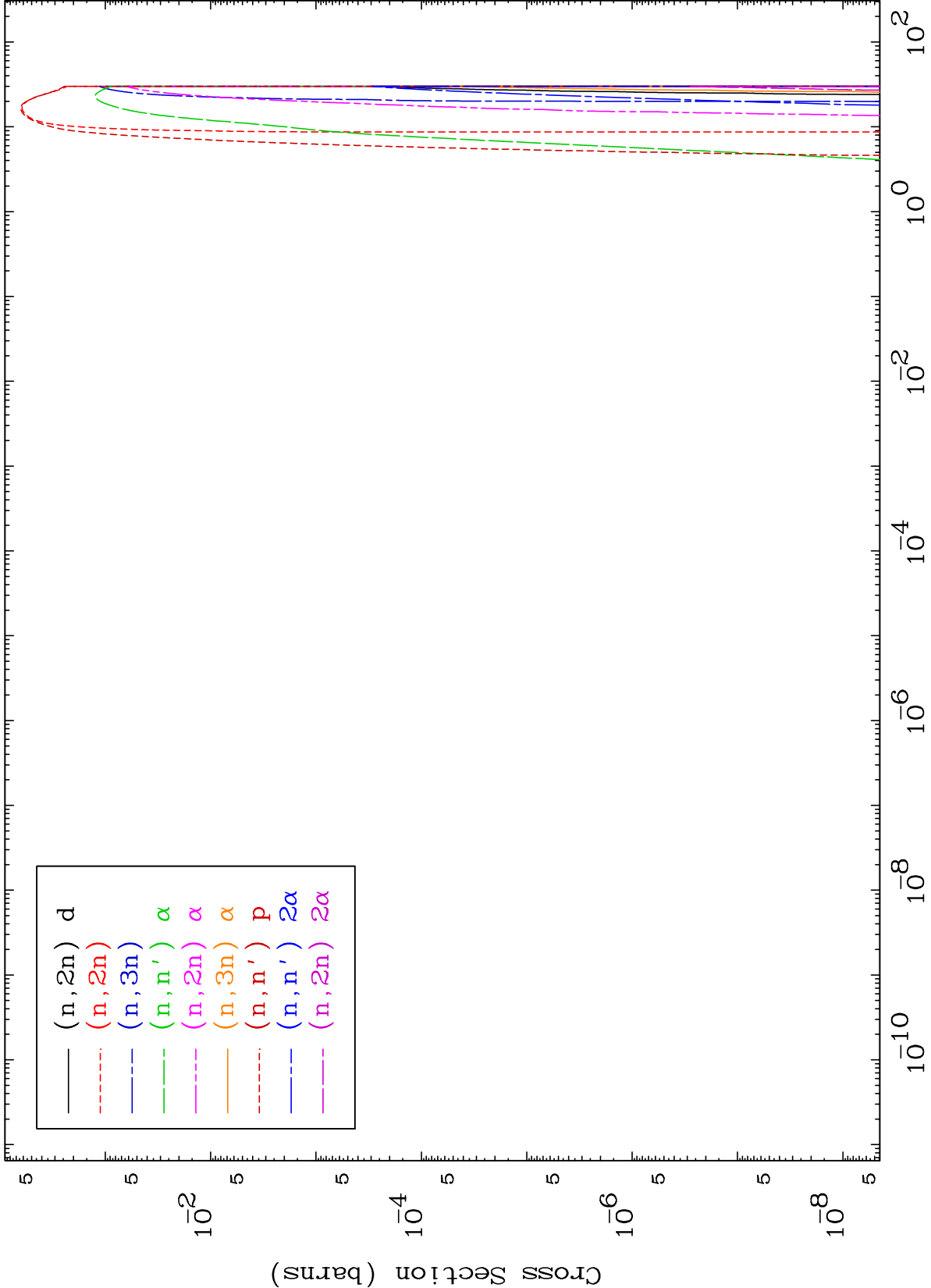
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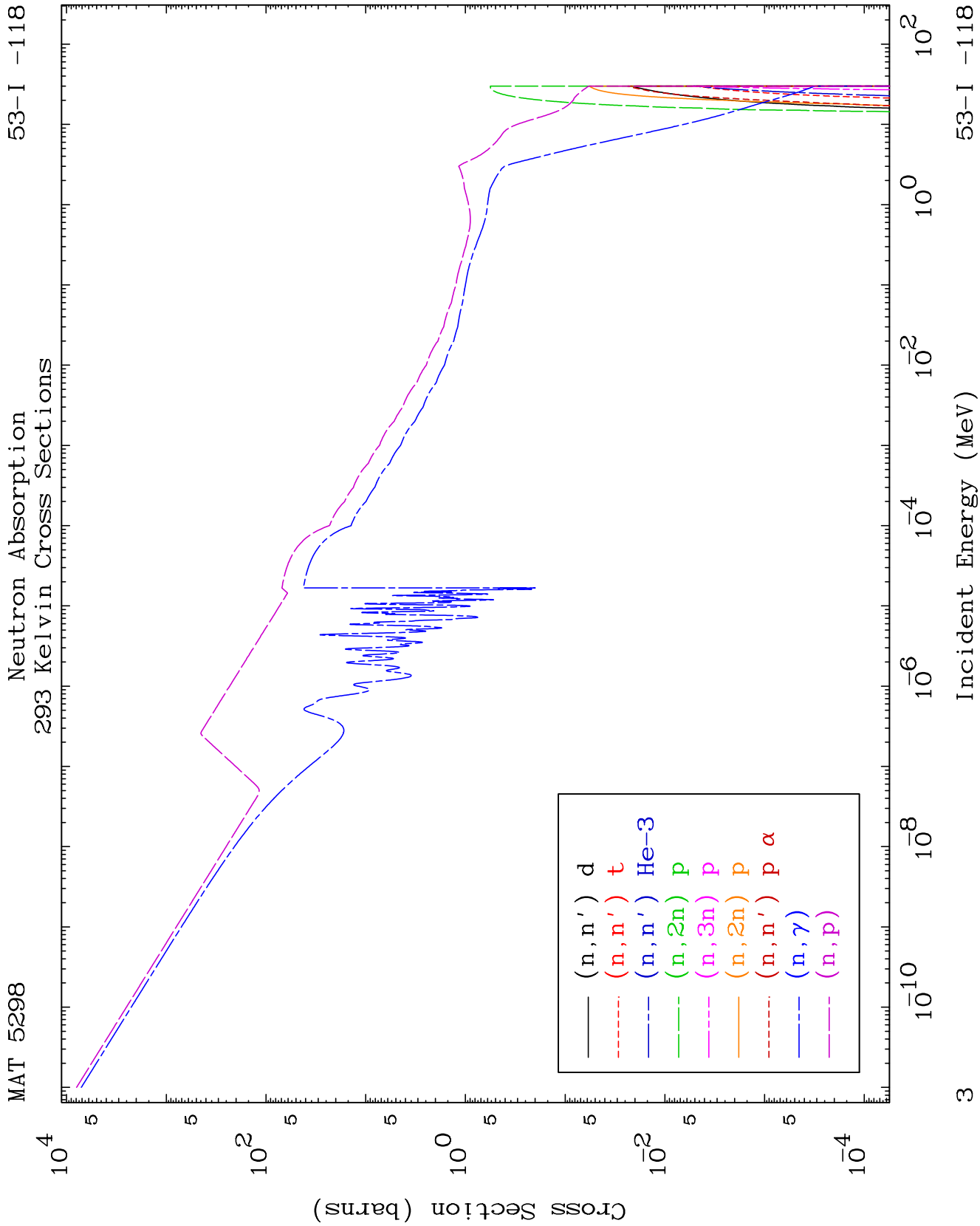


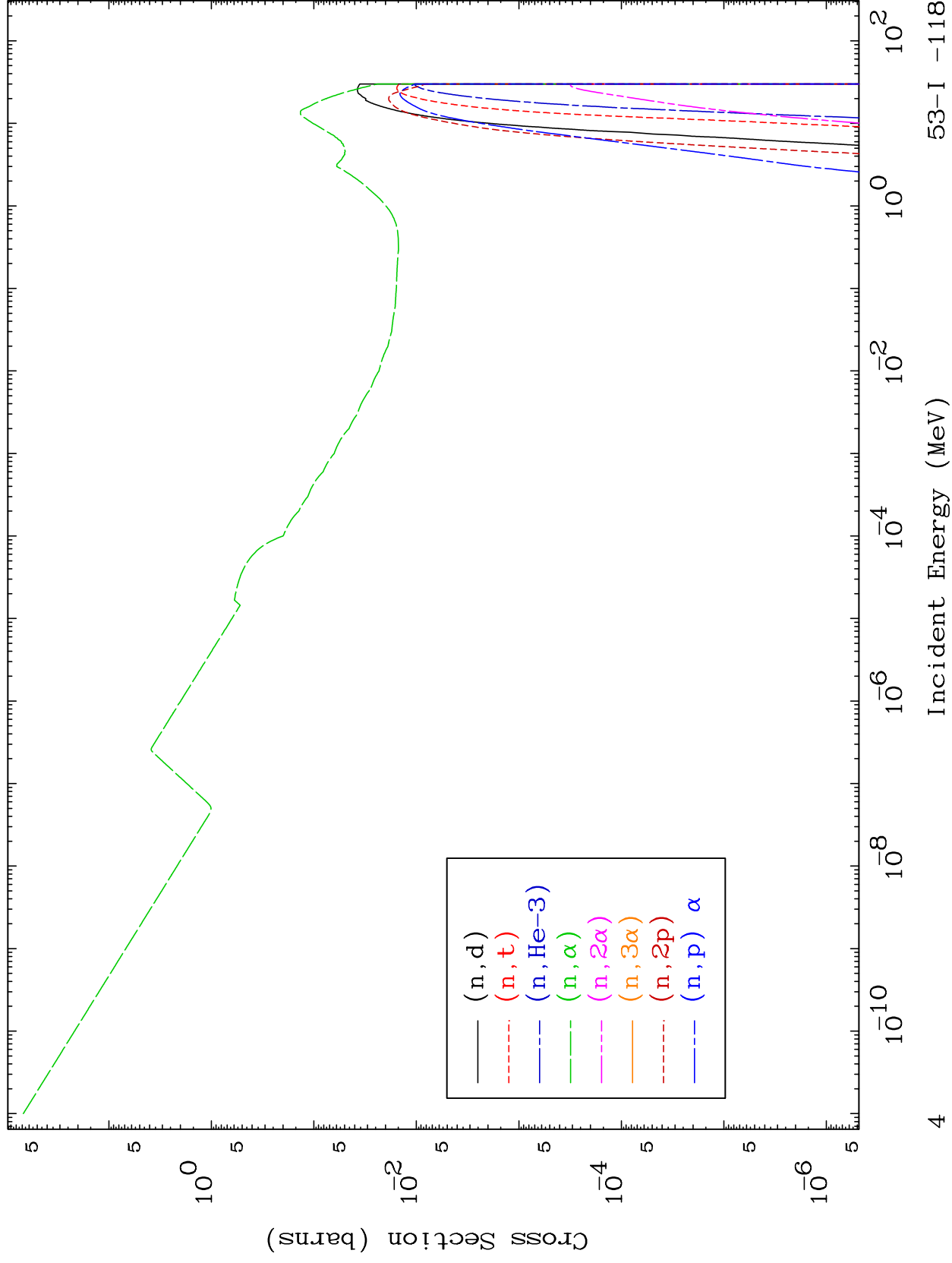
MAT 5298

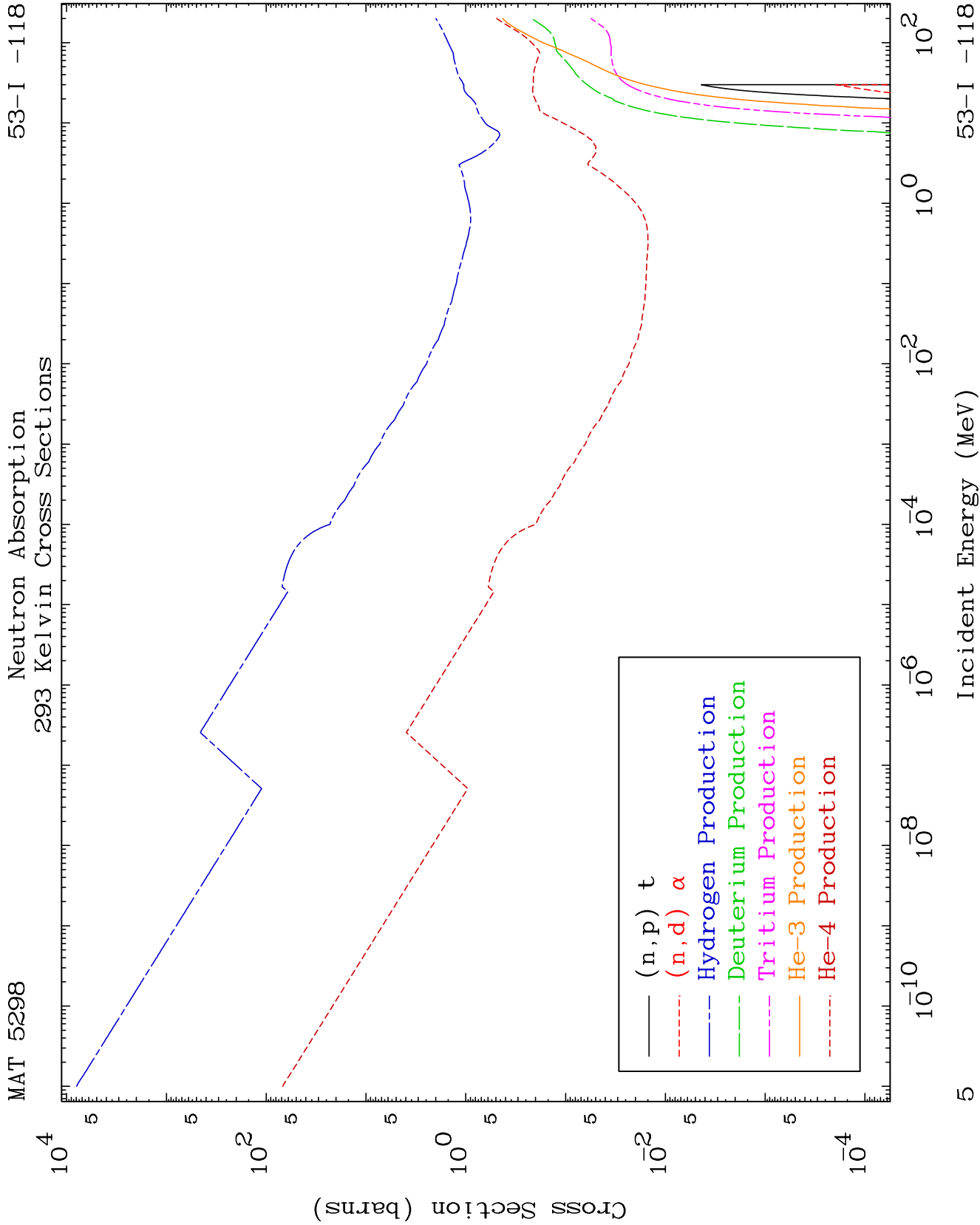
Neutron Absorption
293 Kelvin Cross Sections

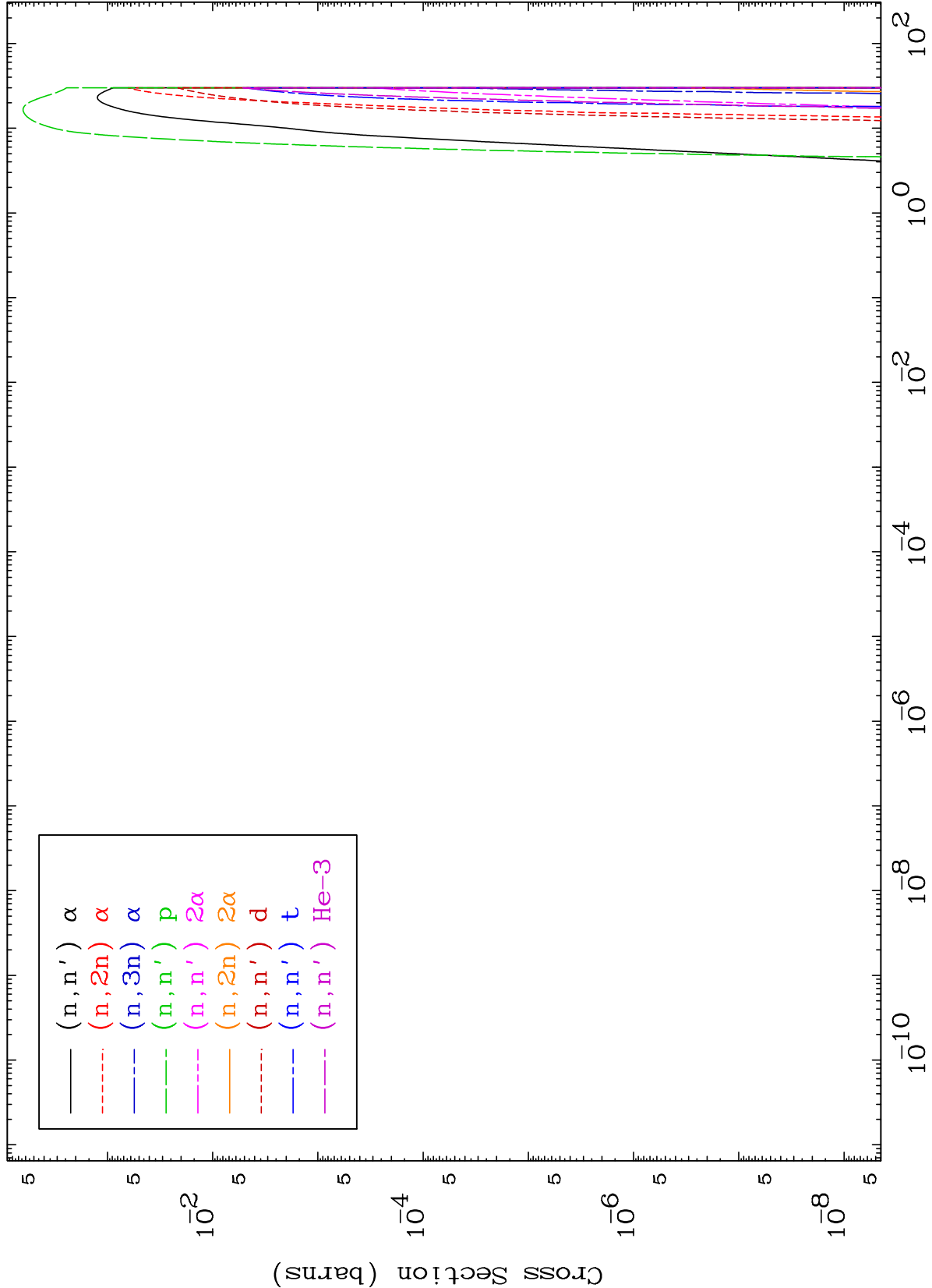
53-I -118

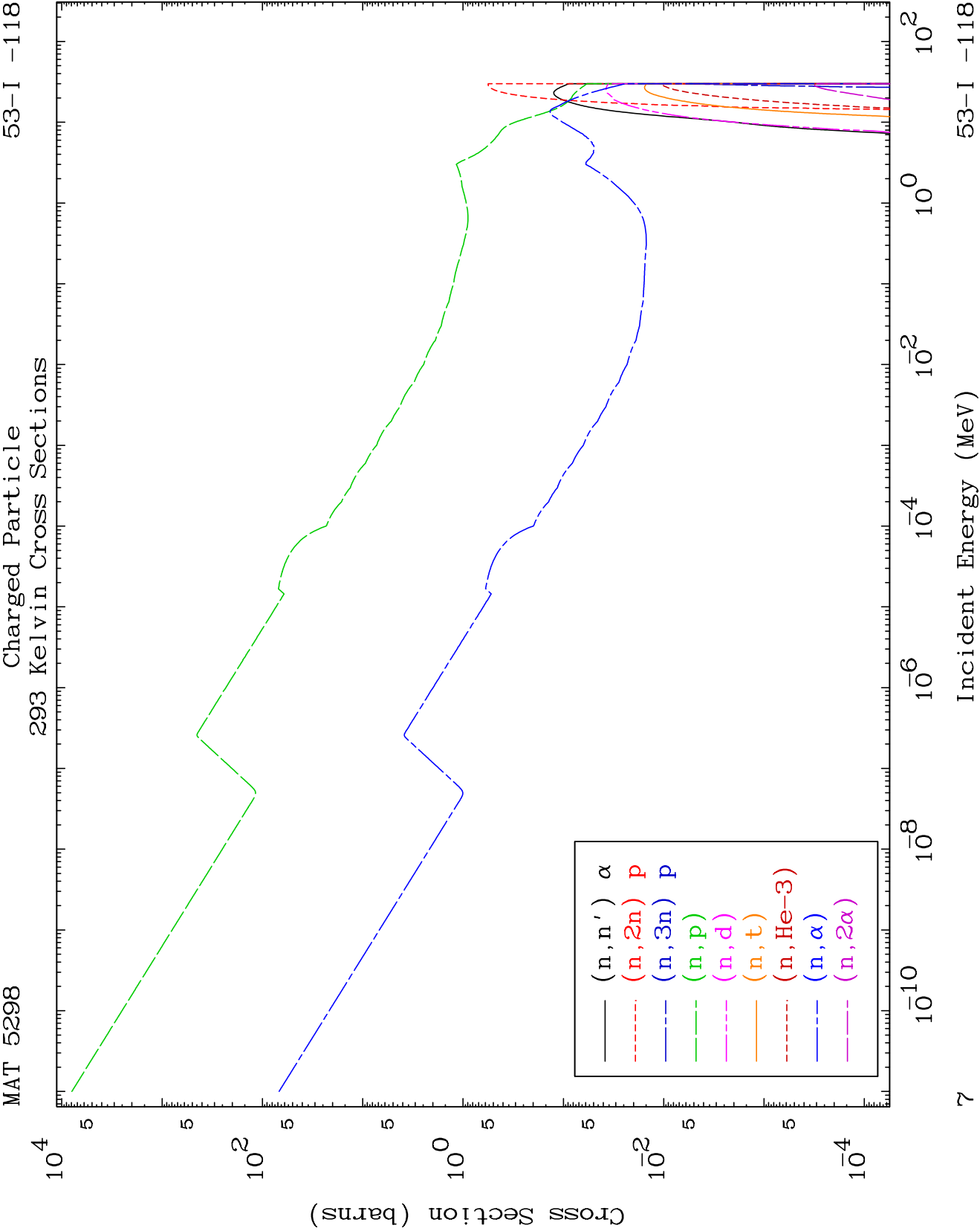


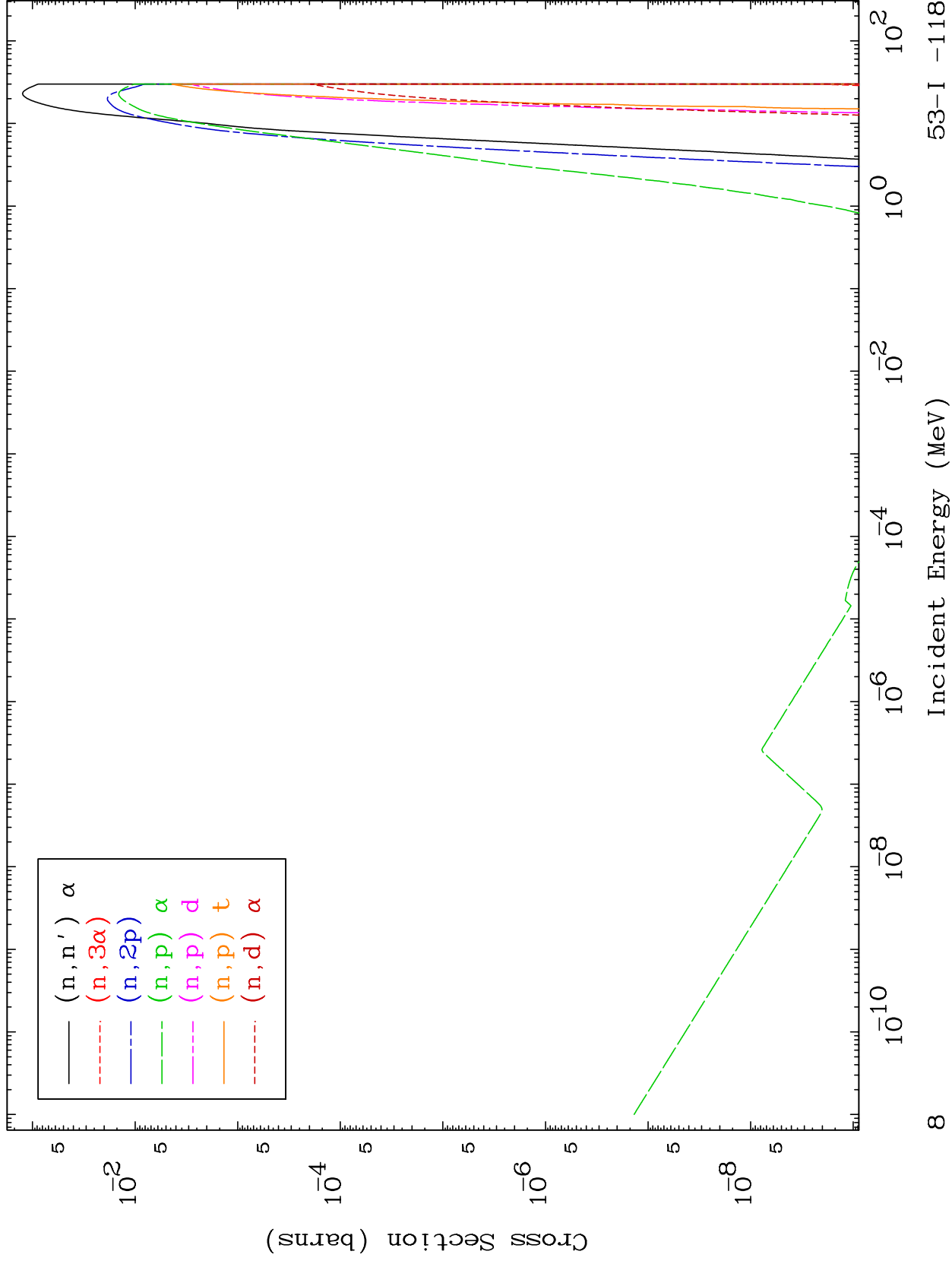


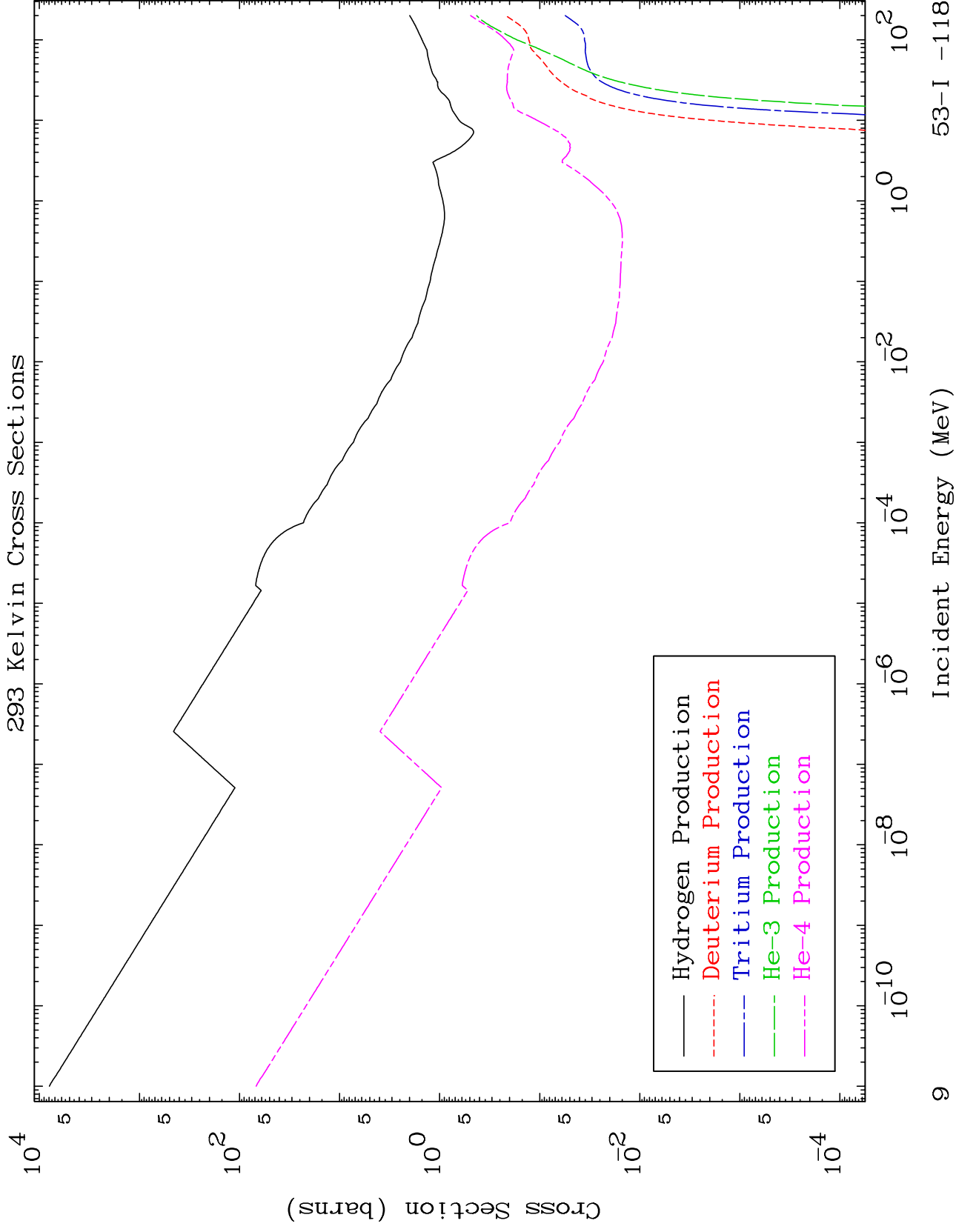


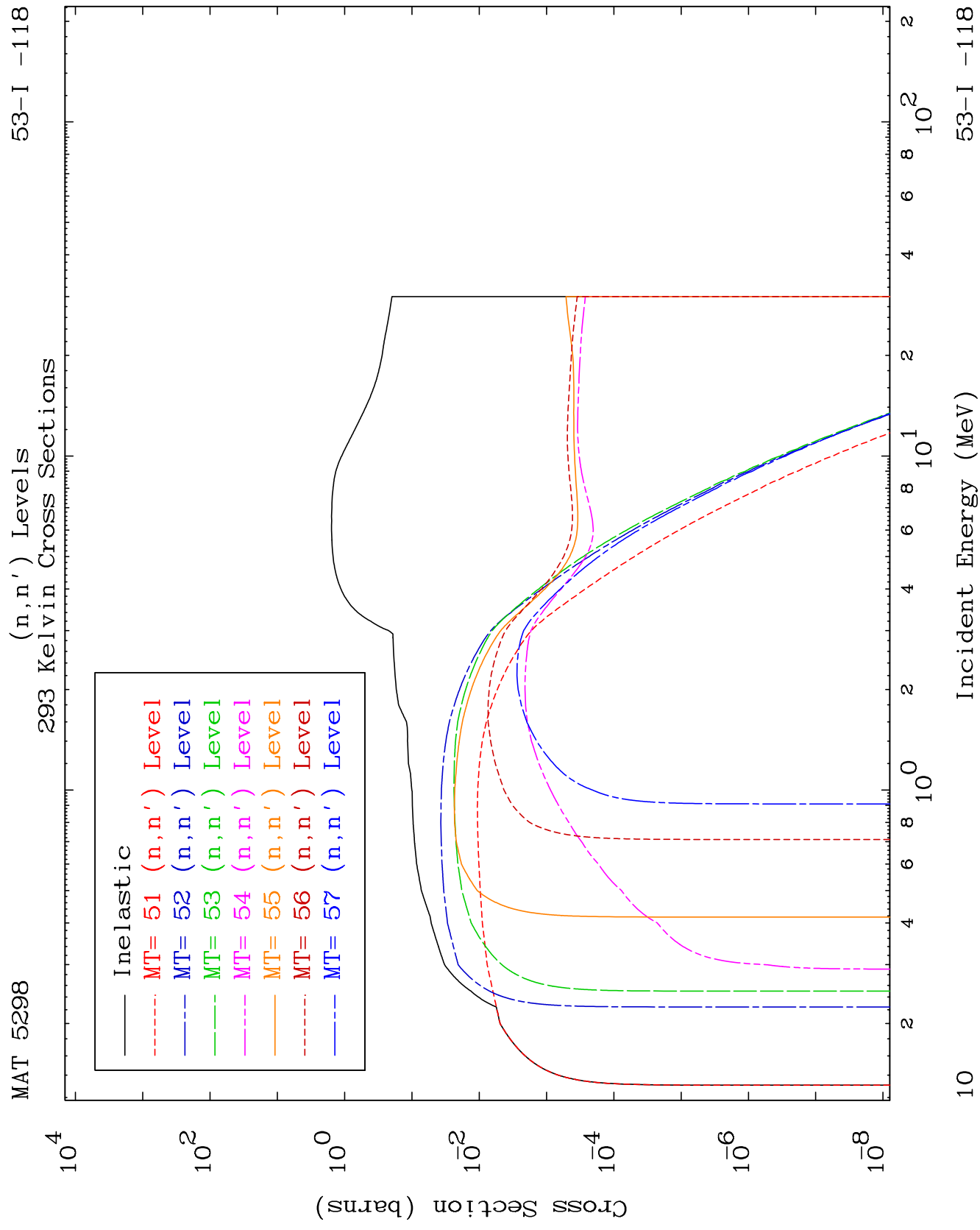




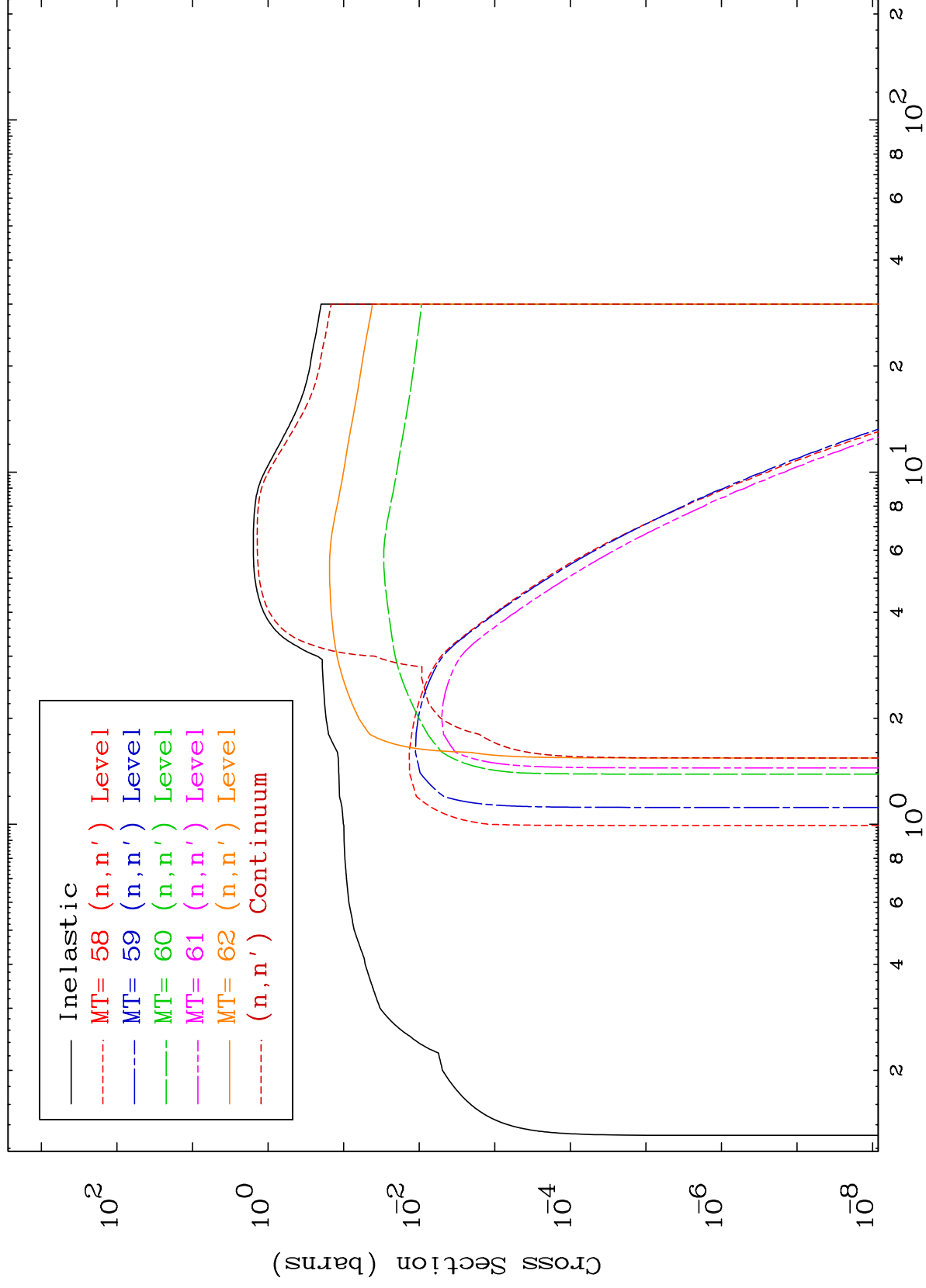








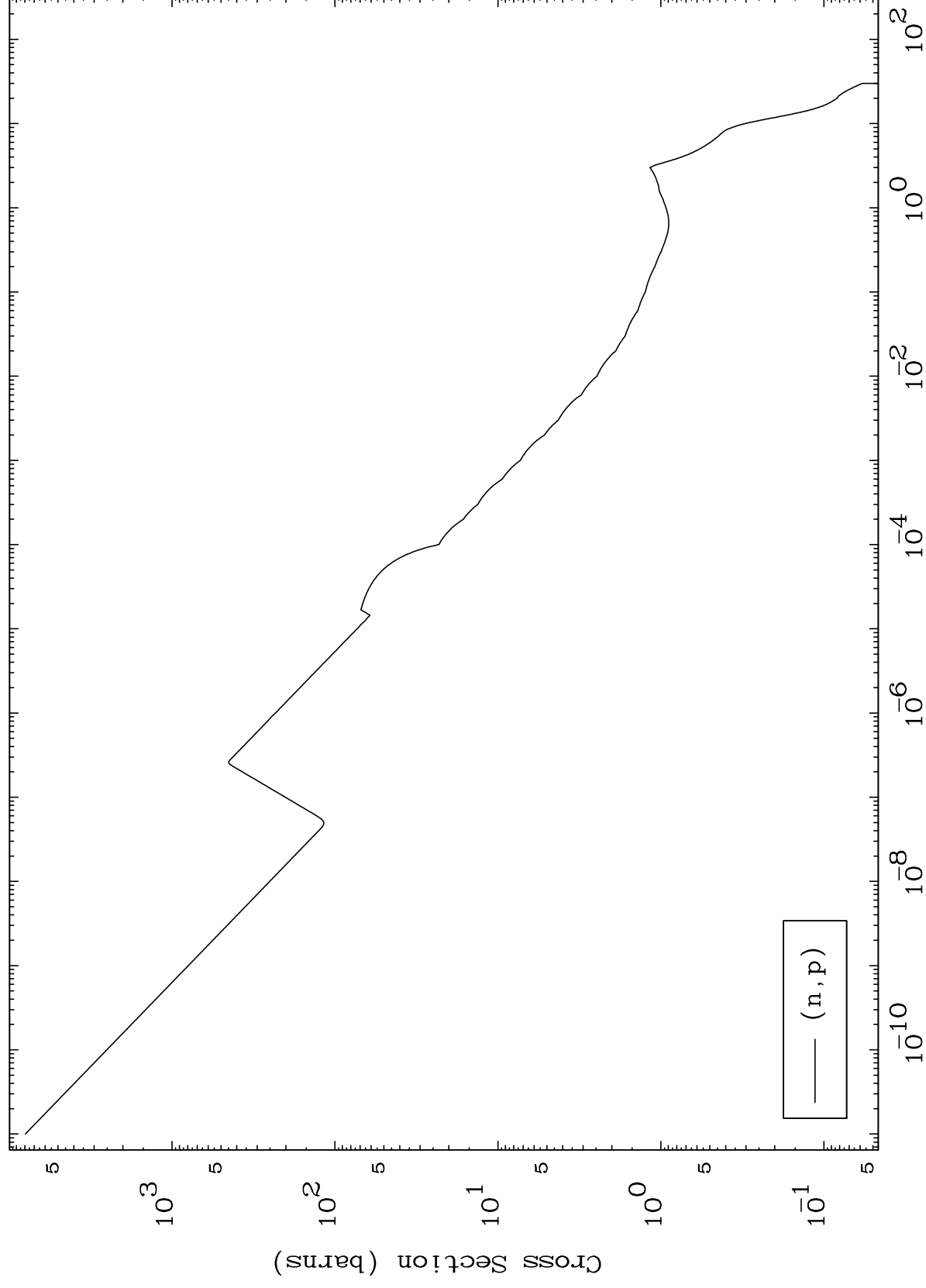
(n,n') Levels
293 Kelvin Cross Sections



MAT 5298

(n,p) Levels
293 Kelvin Cross Sections

53-I -118

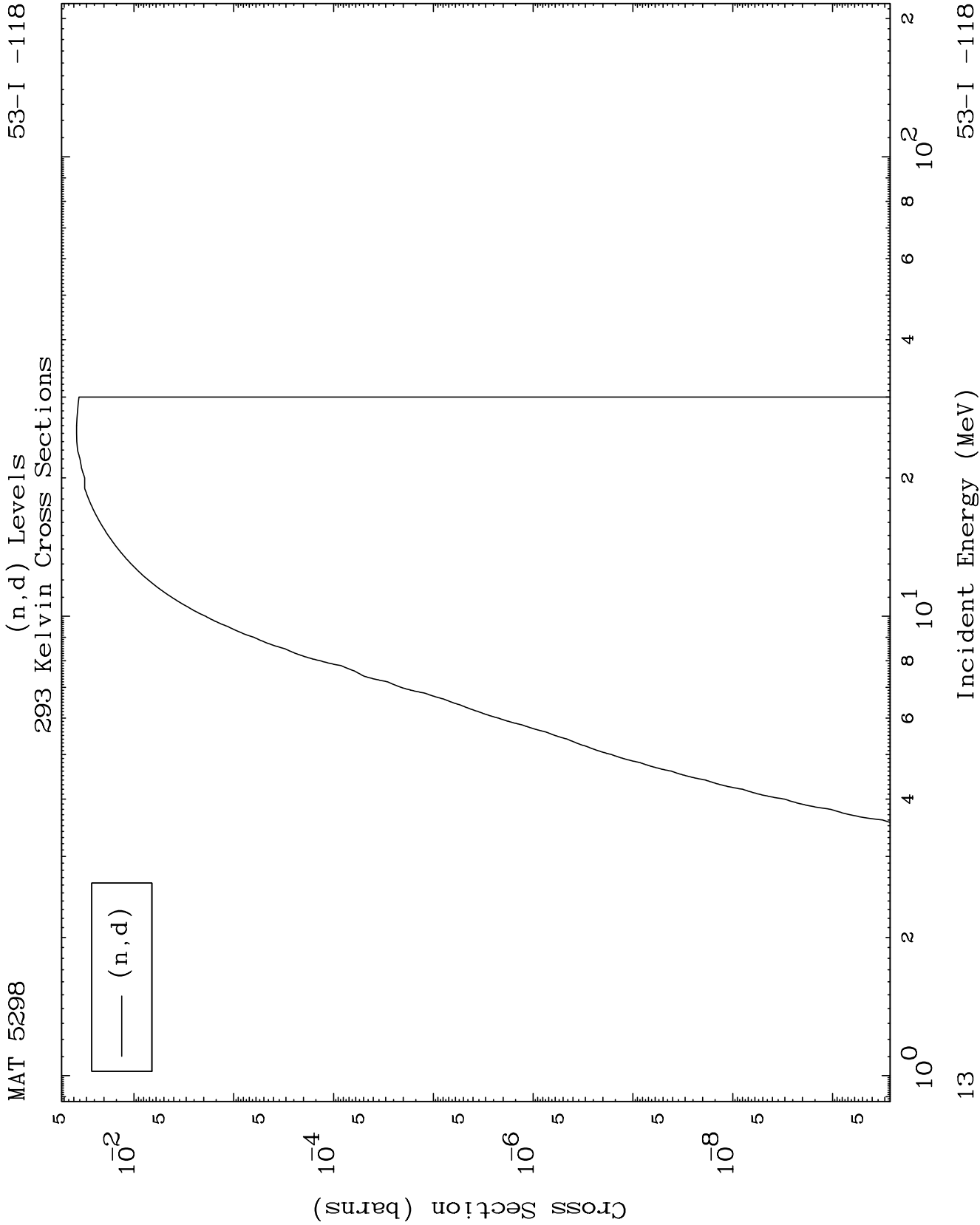


— (n,p)

12

Incident Energy (MeV)

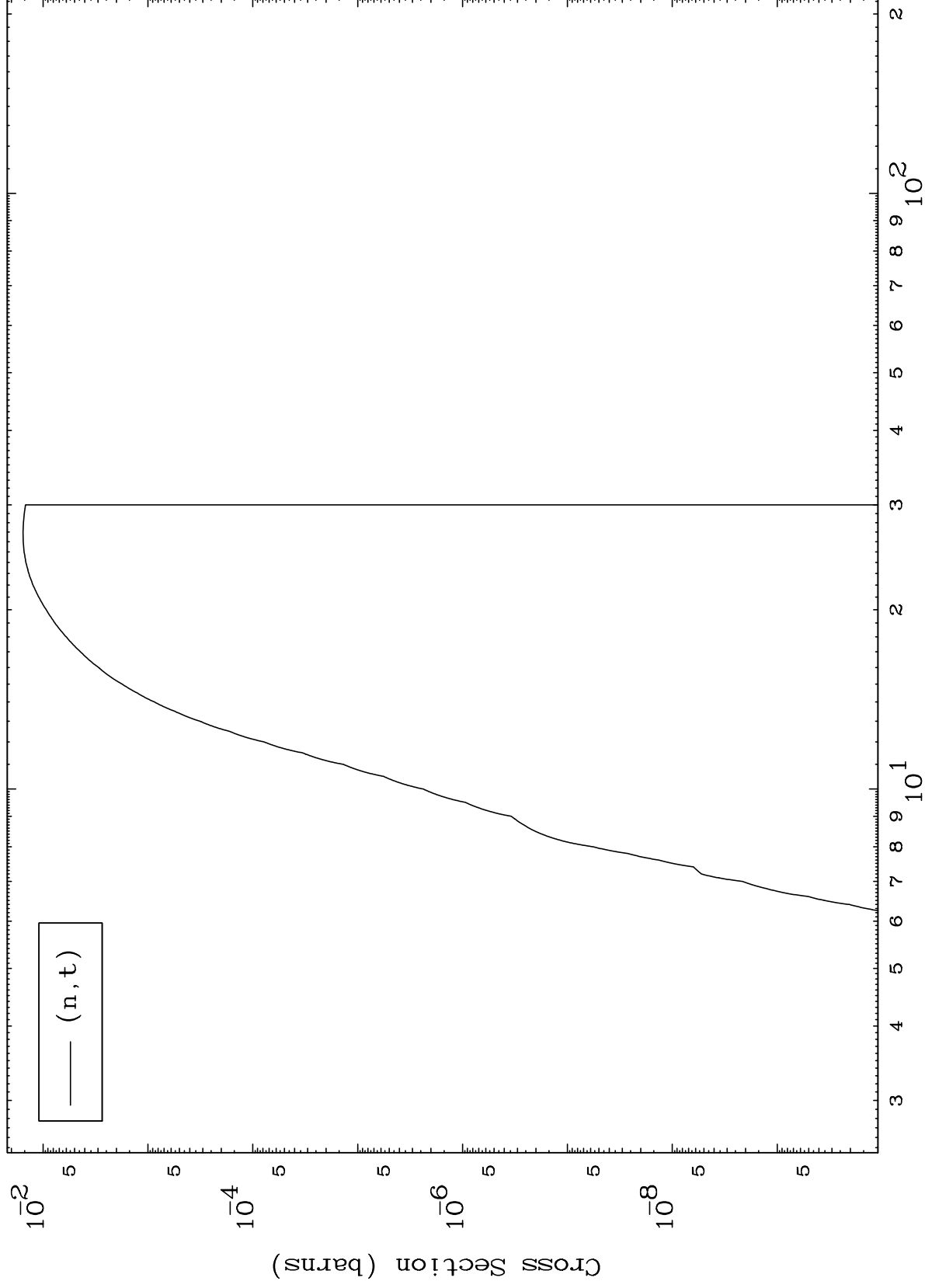
53-I -118



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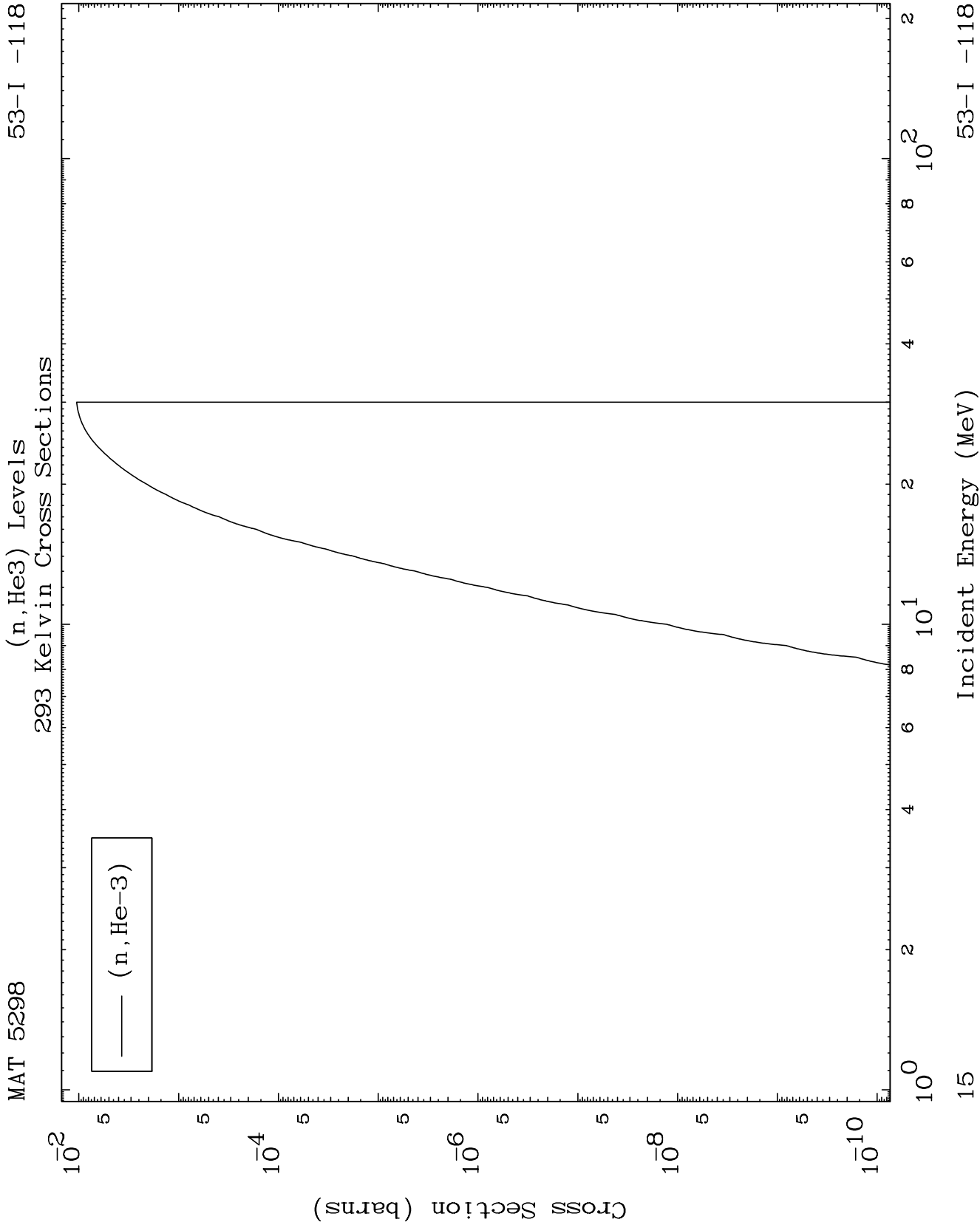
(n,t) Levels
293 Kelvin Cross Sections



53-I -118

Incident Energy (MeV)

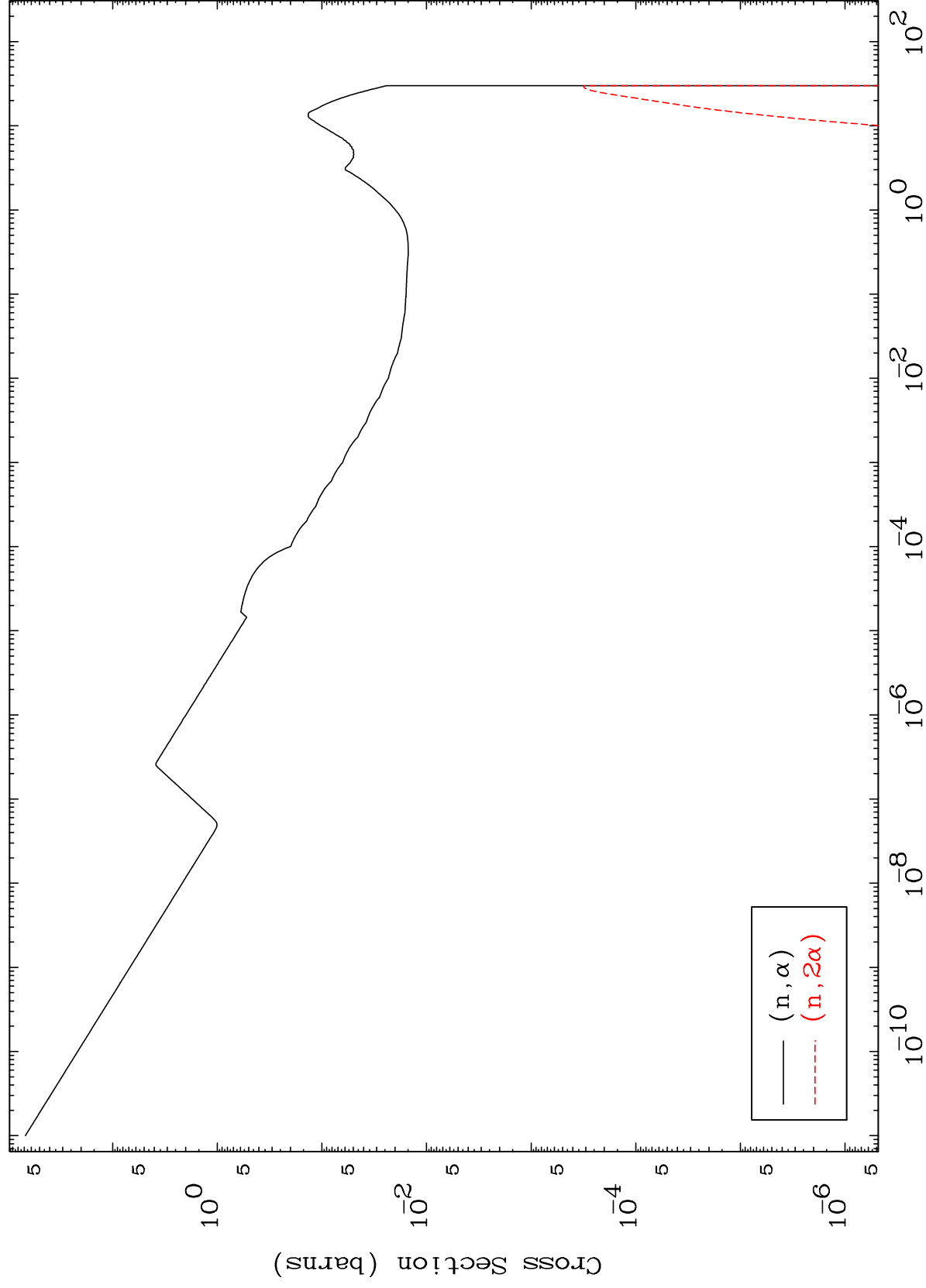
14



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(n, α) Levels
293 Kelvin Cross Sections

53-I -118



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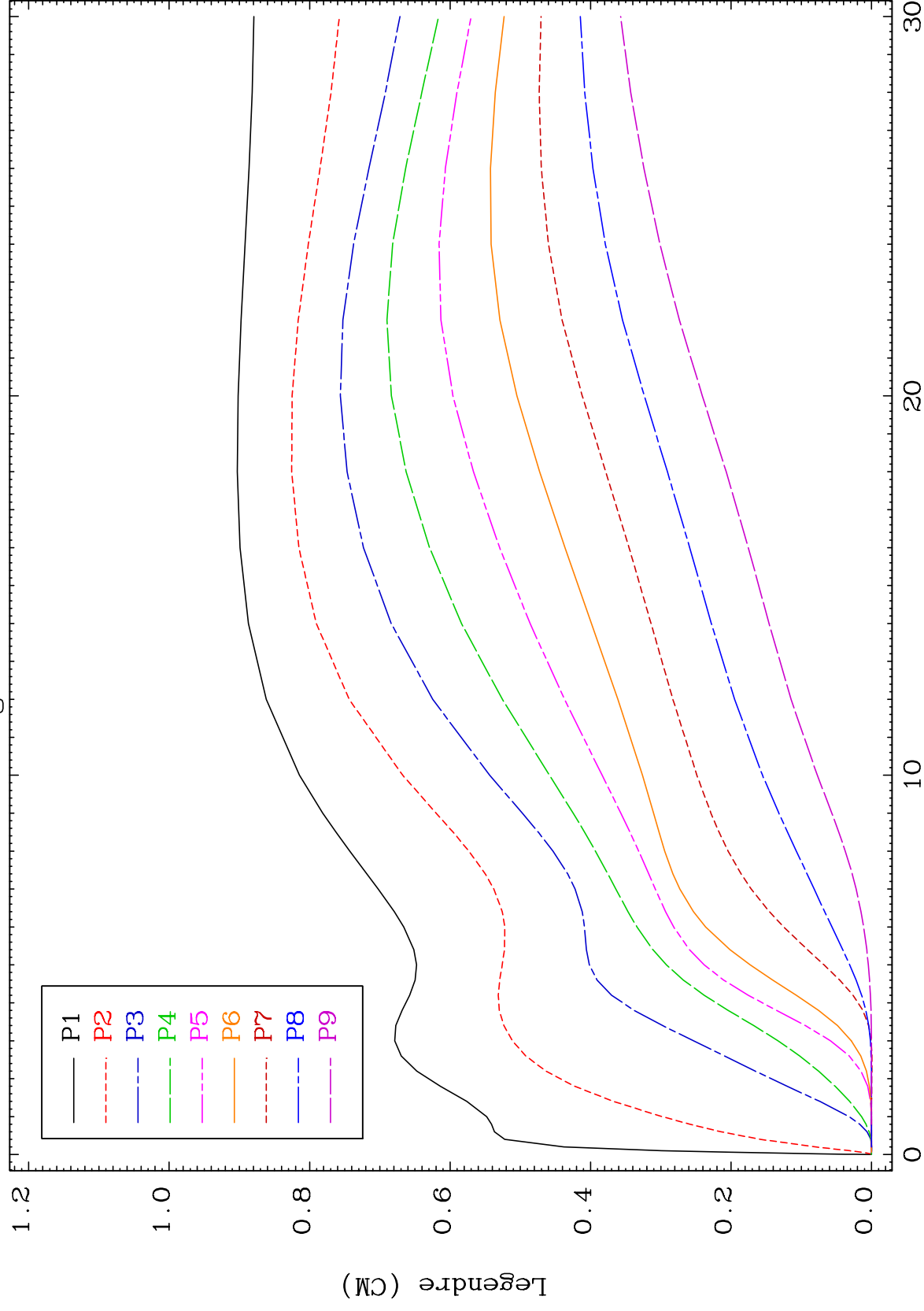
Incident Energy (MeV)

53-I -118

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53-I -118

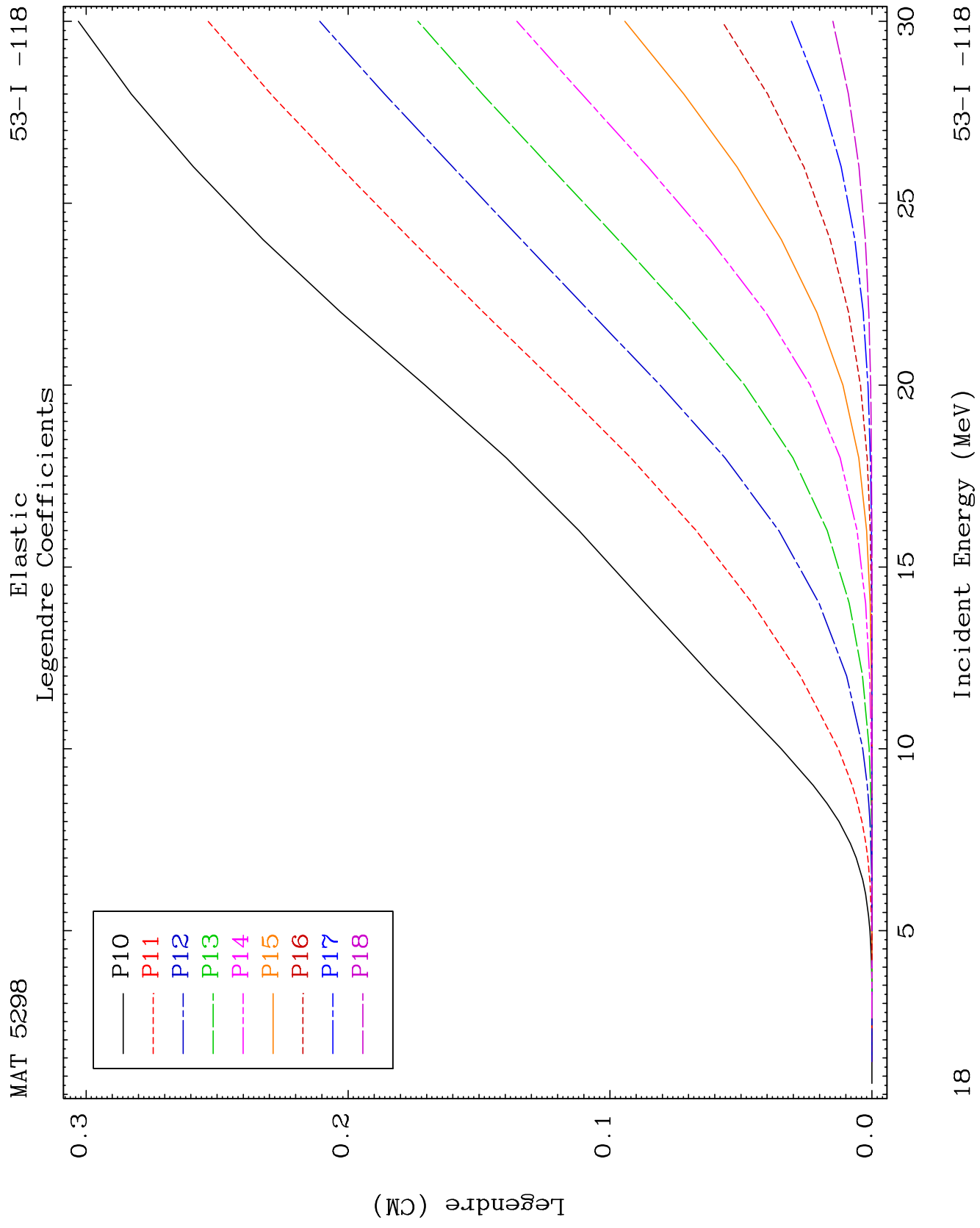
Elastic Legendre Coefficients

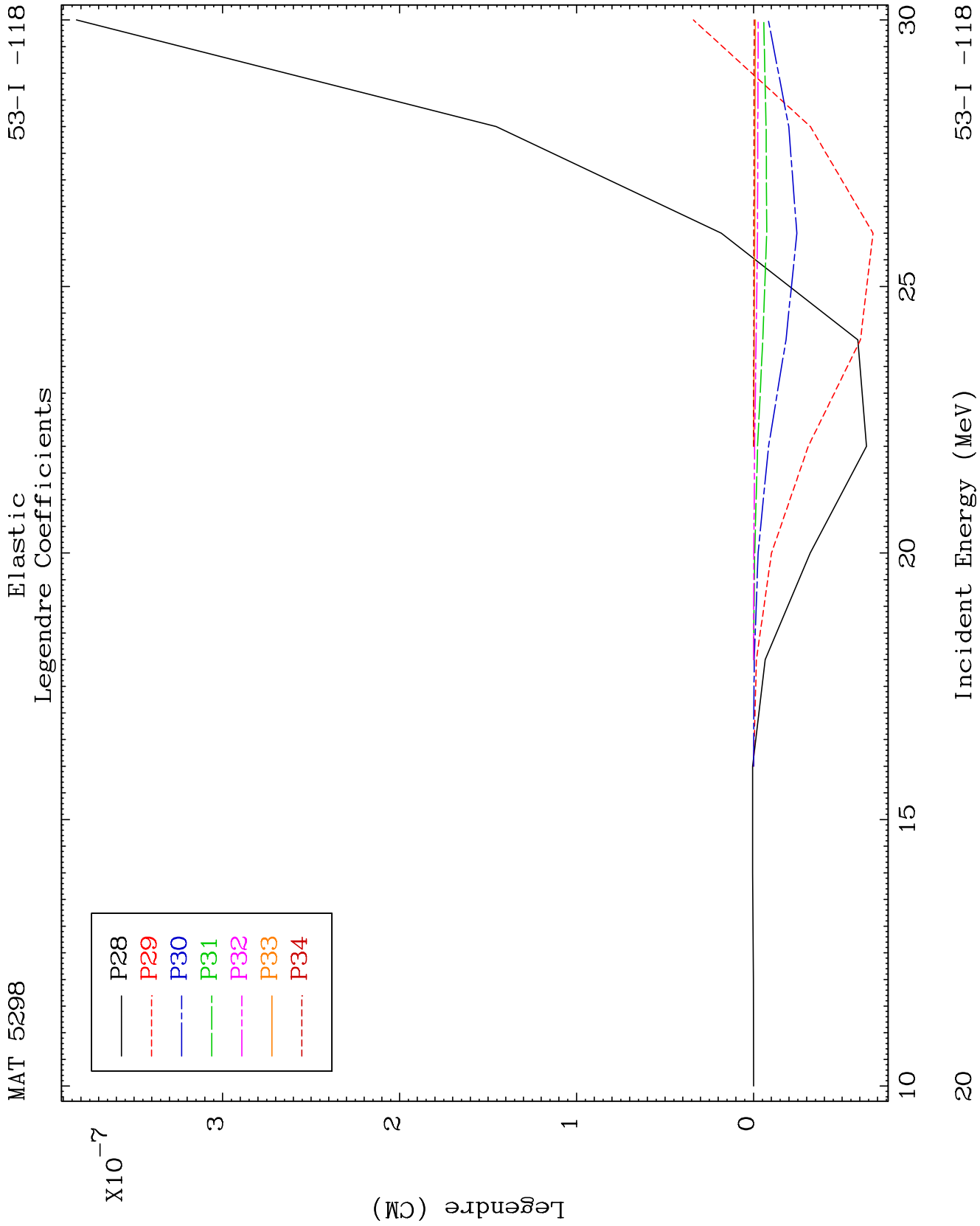


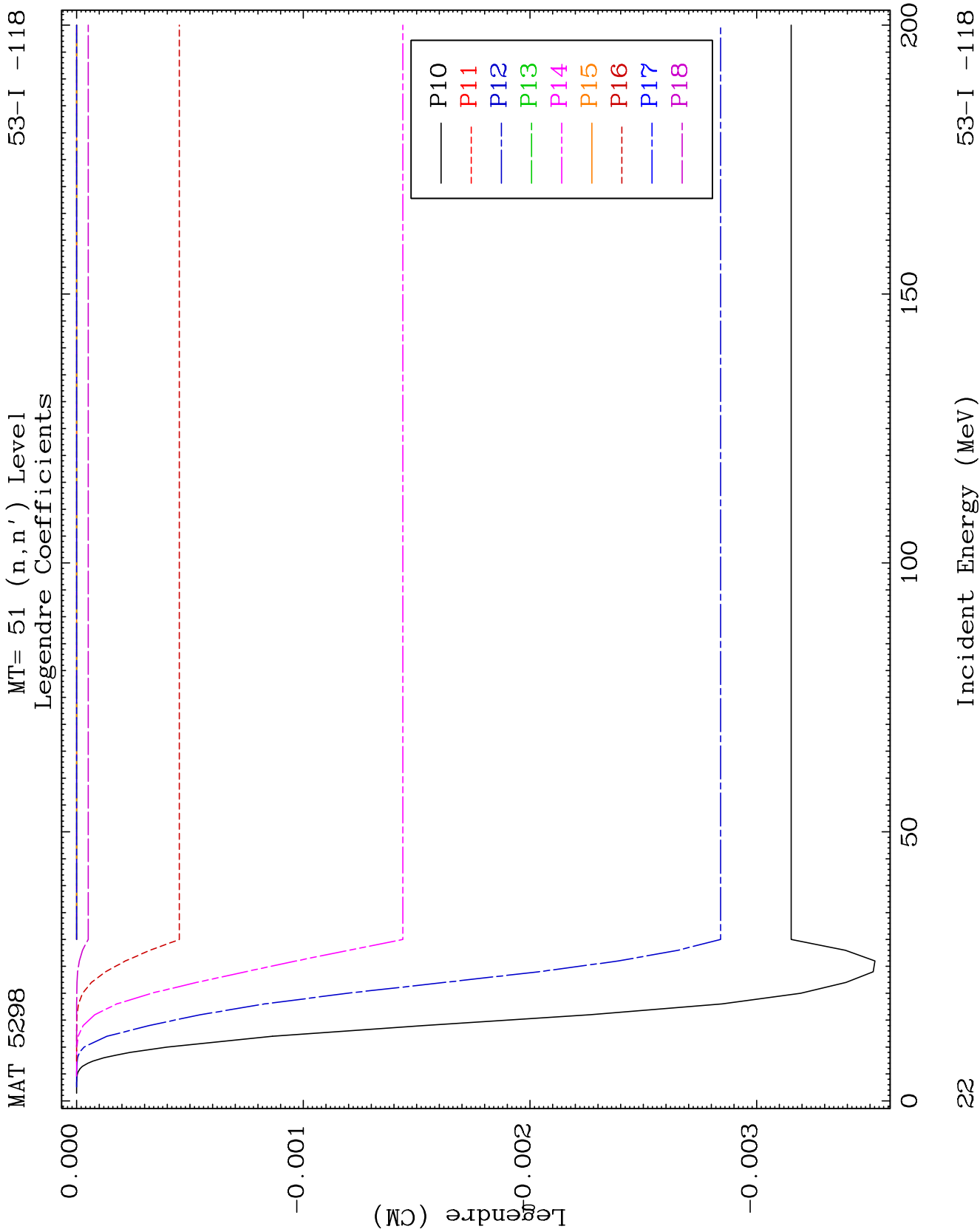
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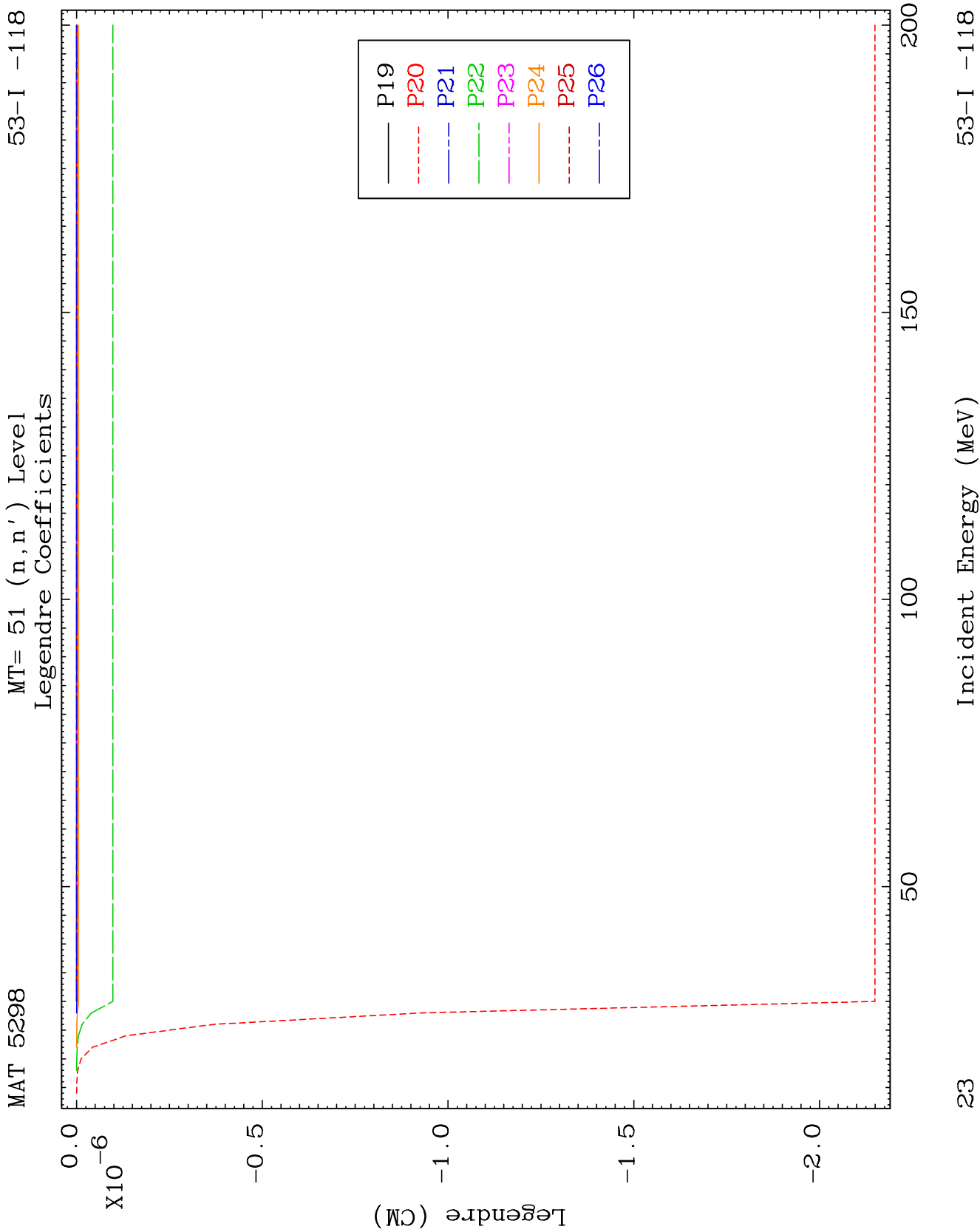
Incident Energy (MeV)

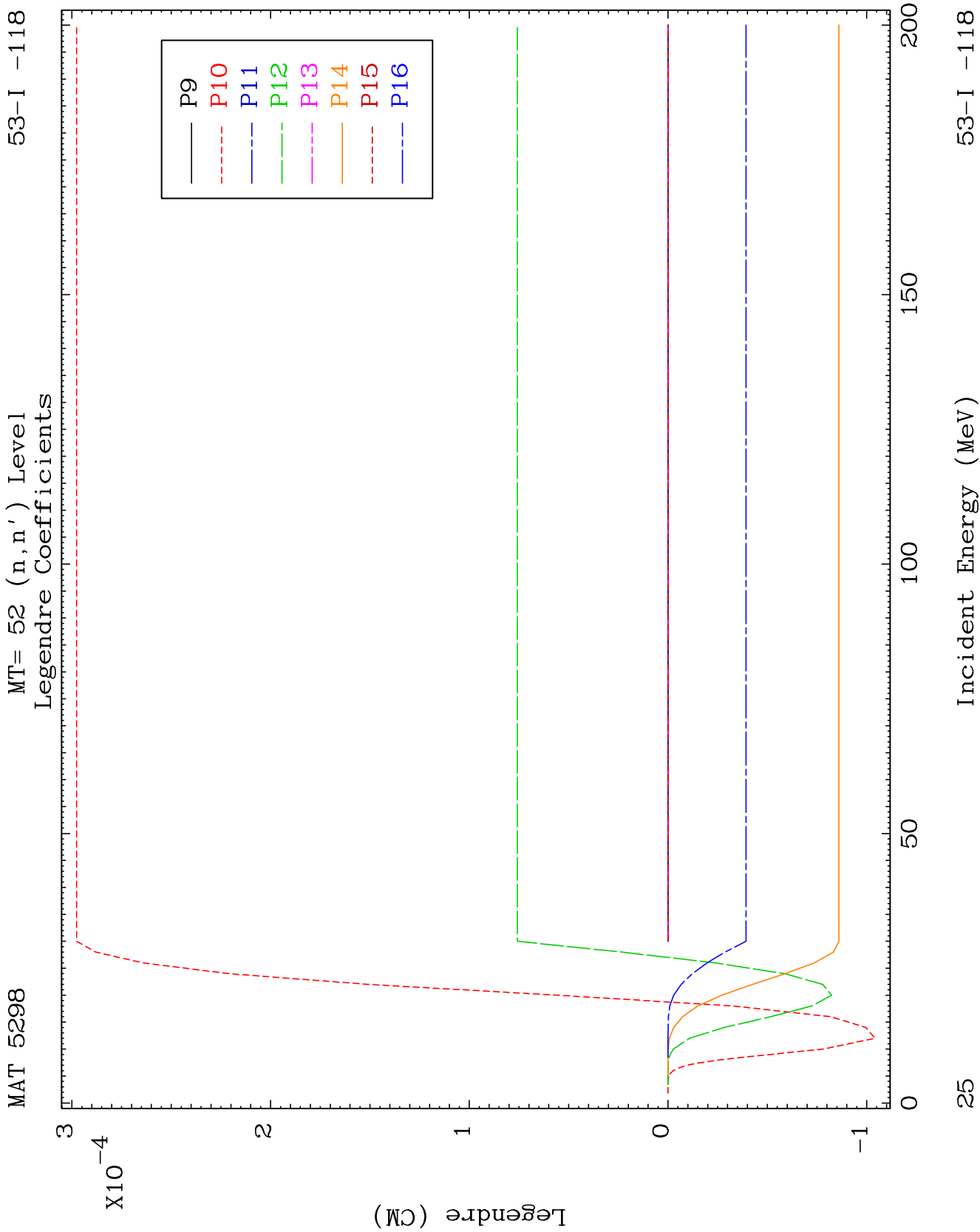
53-I -118

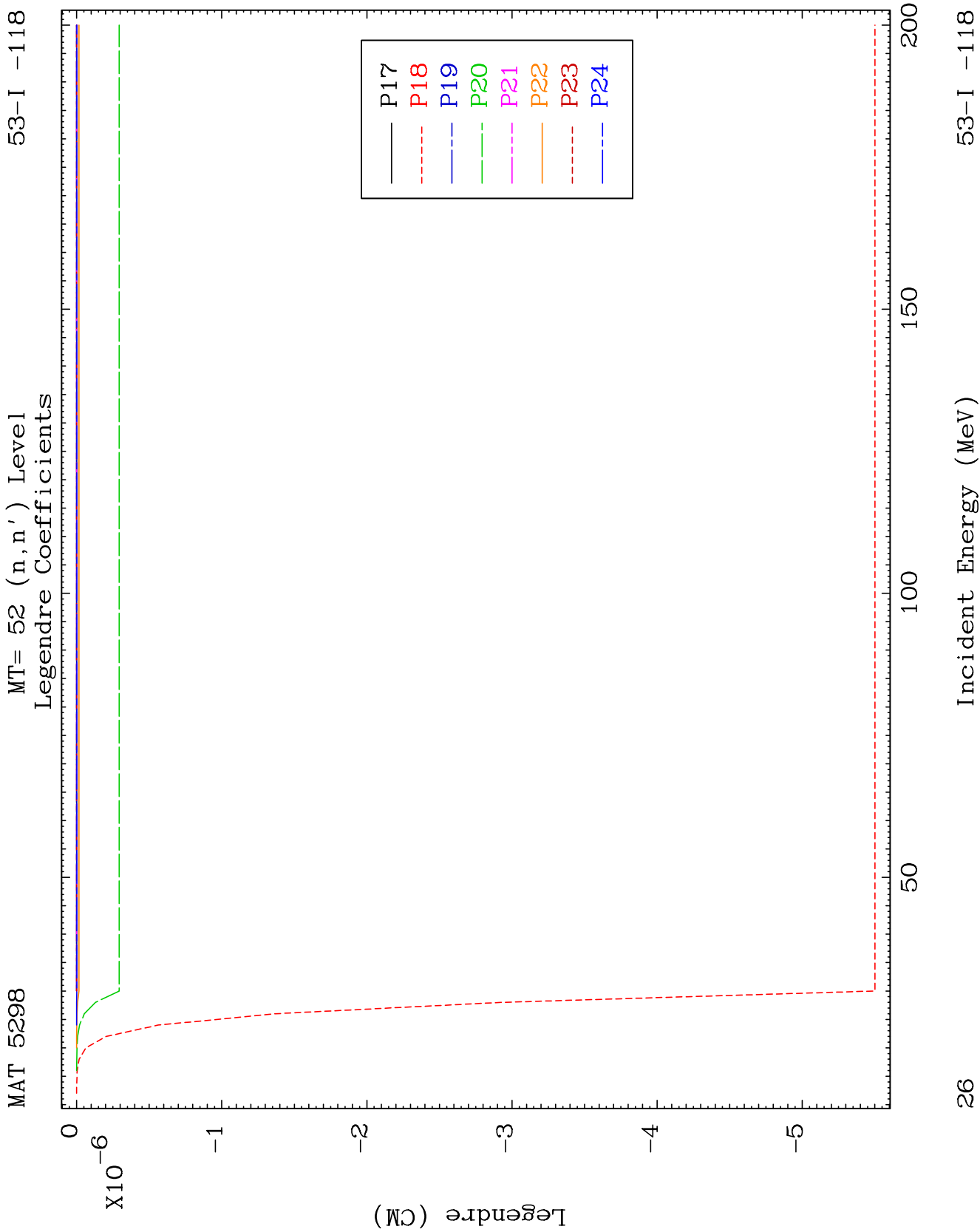


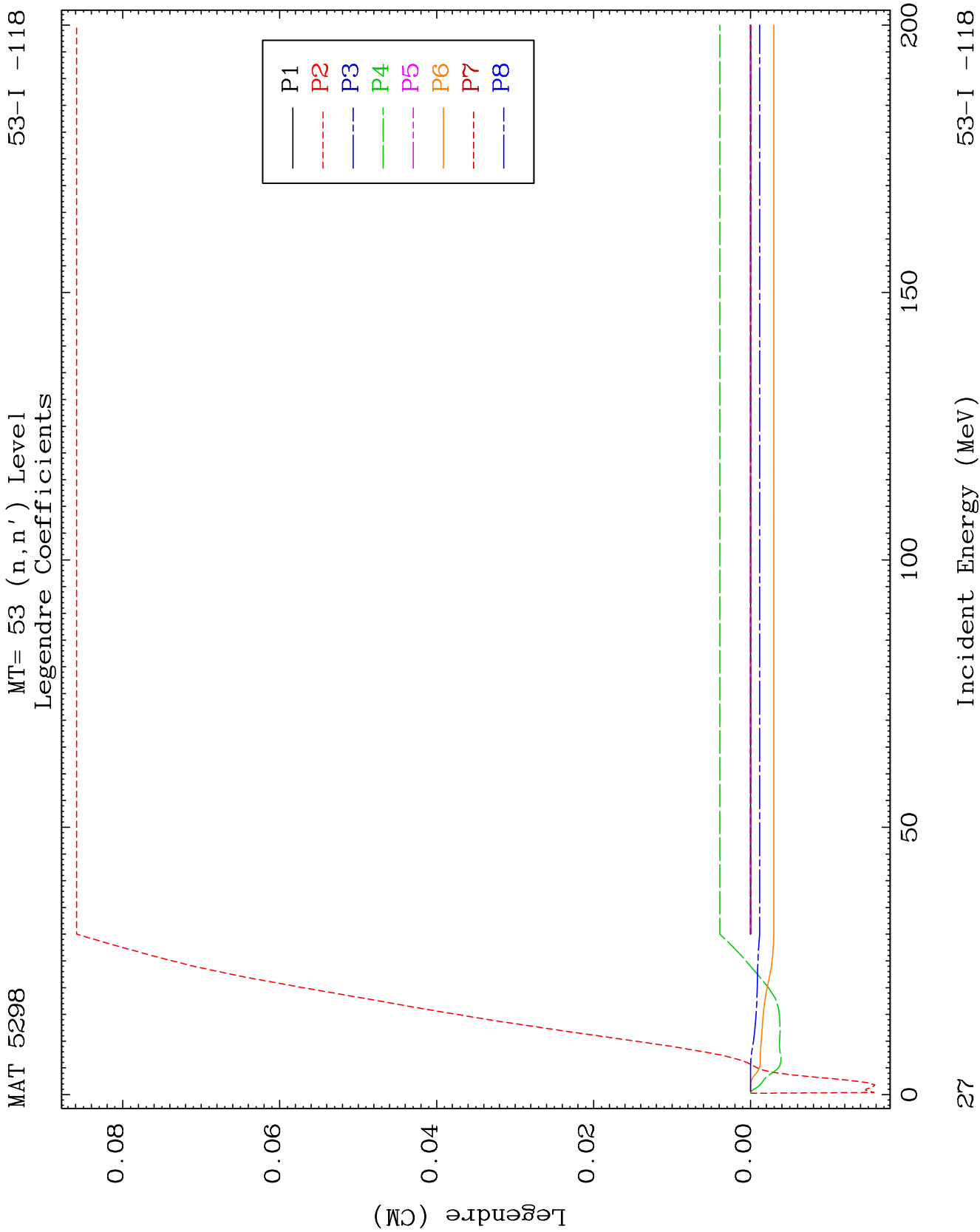


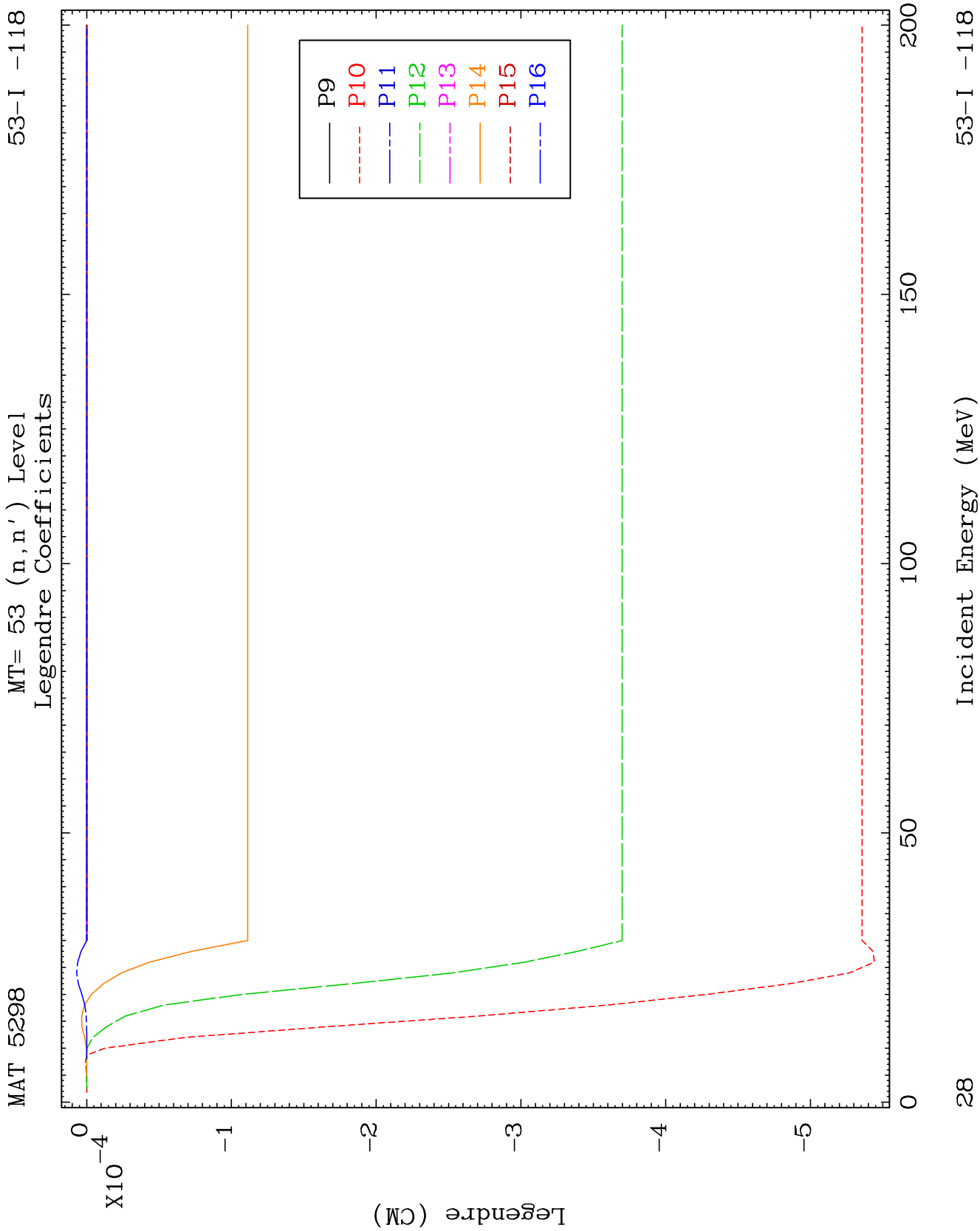


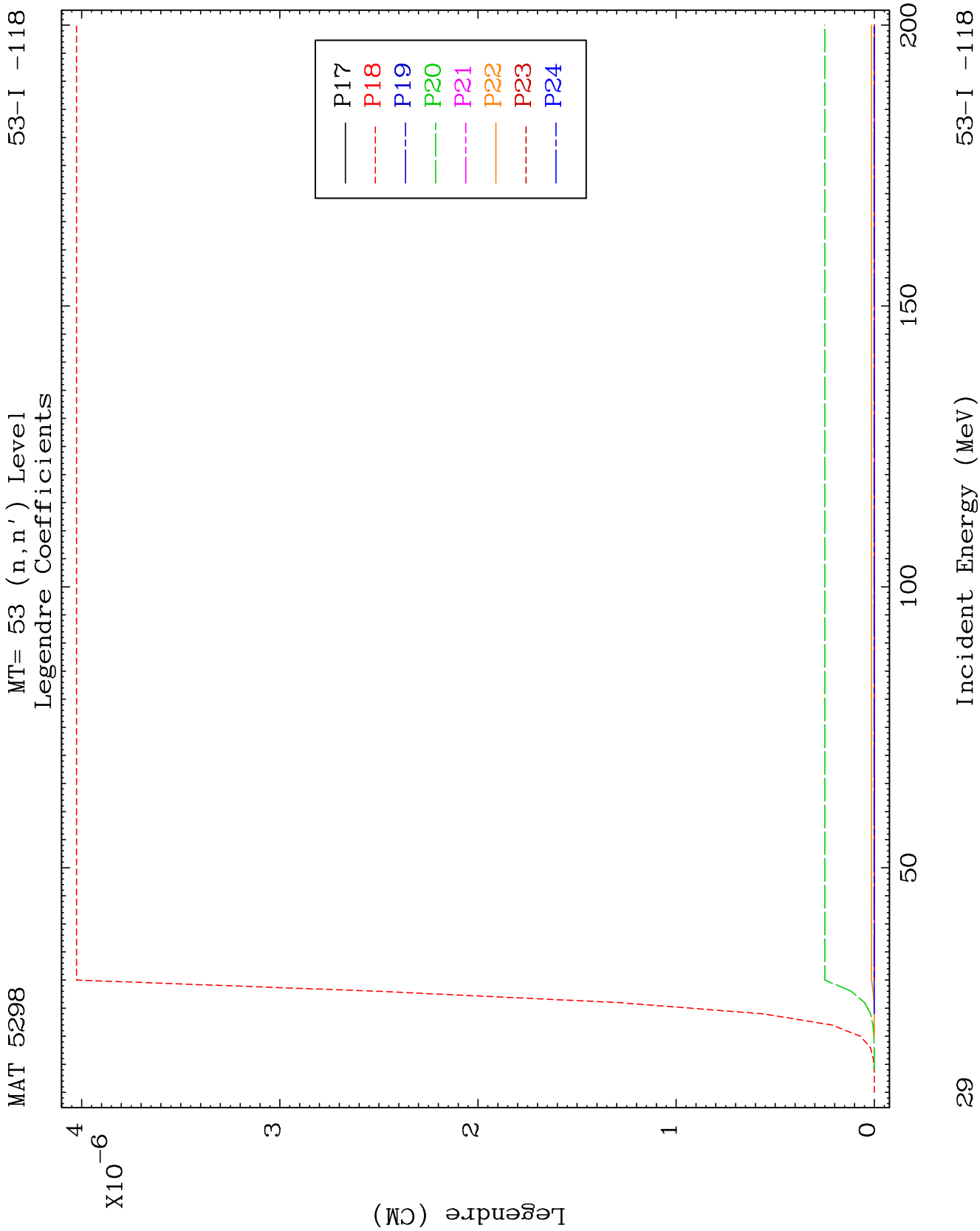


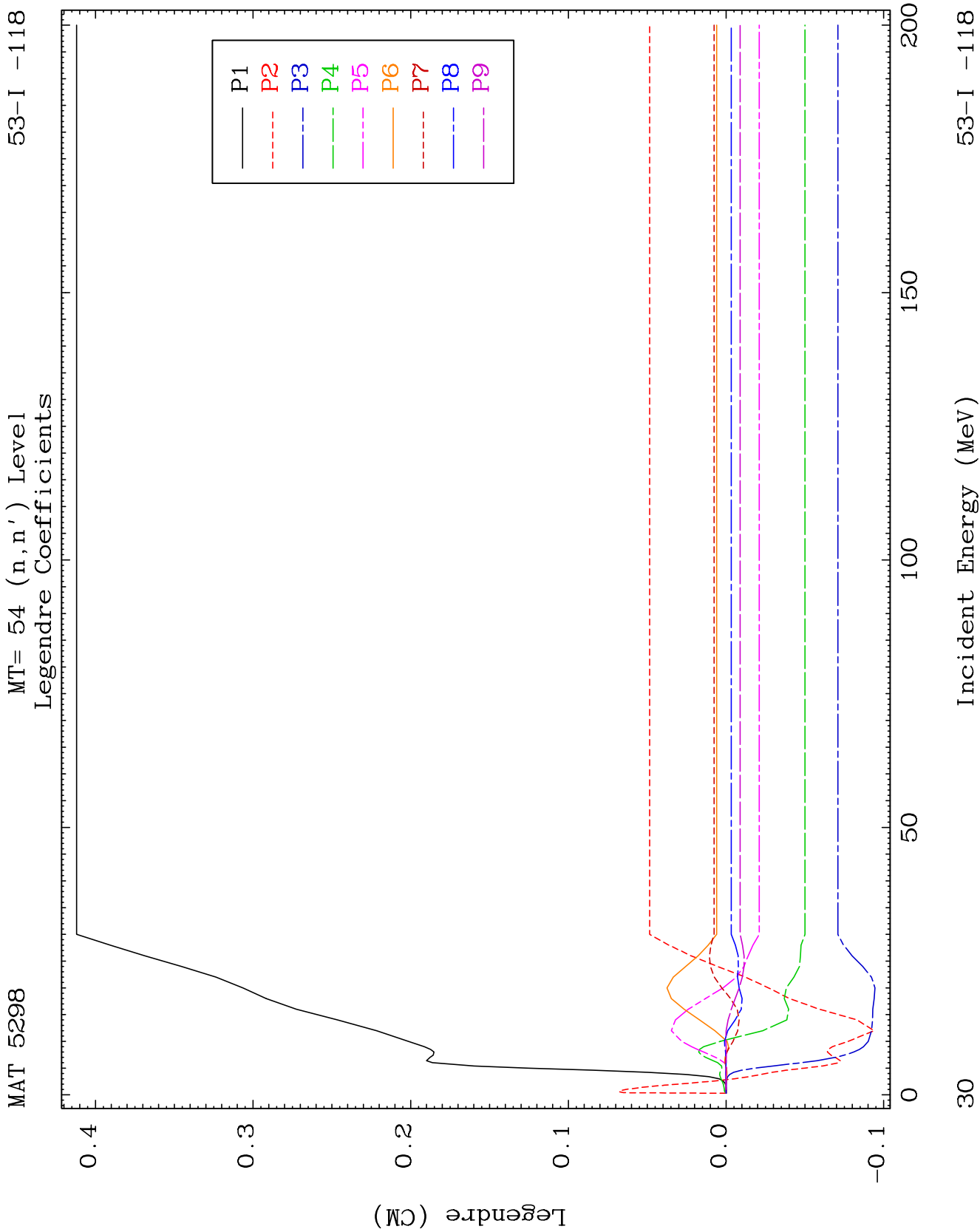


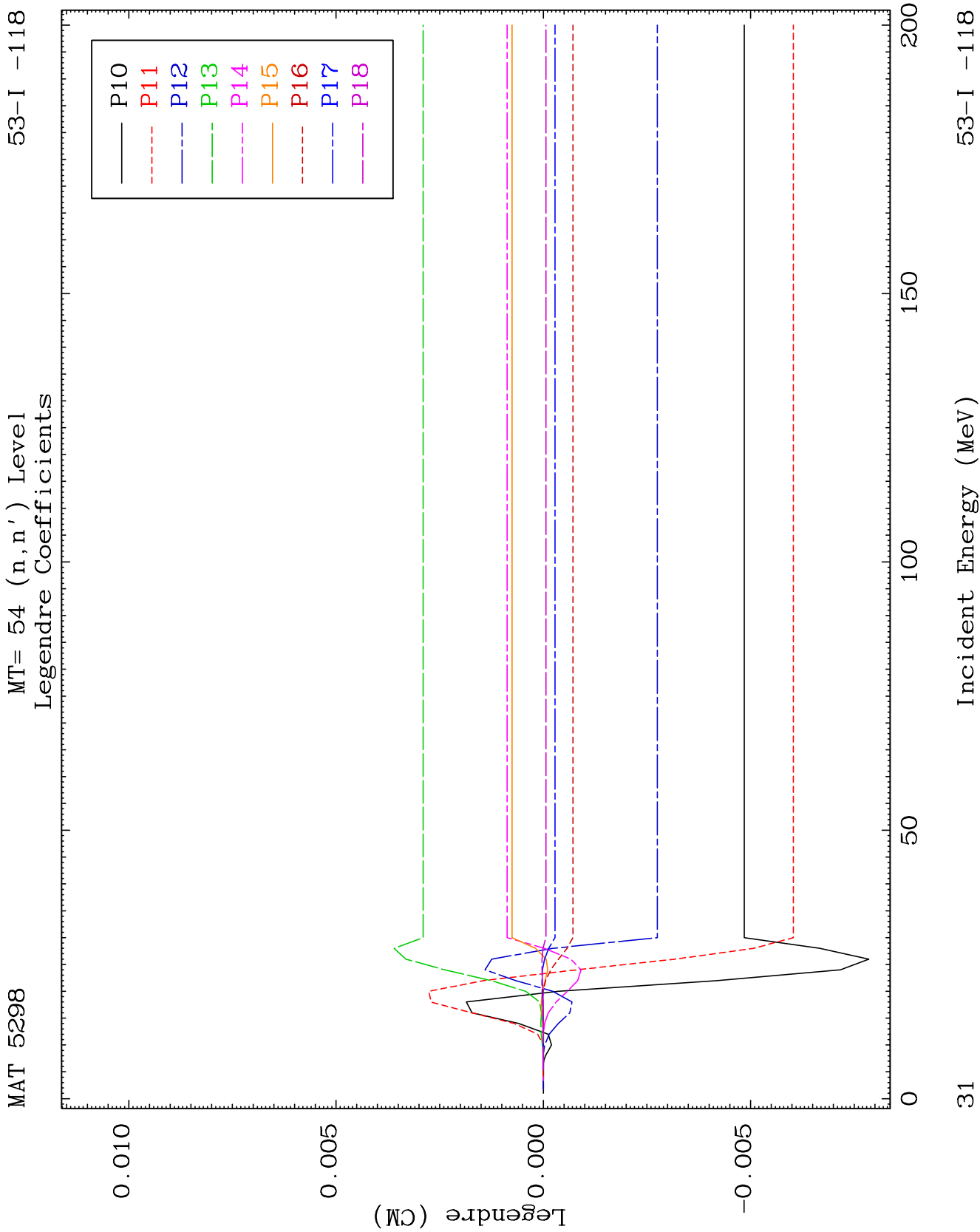


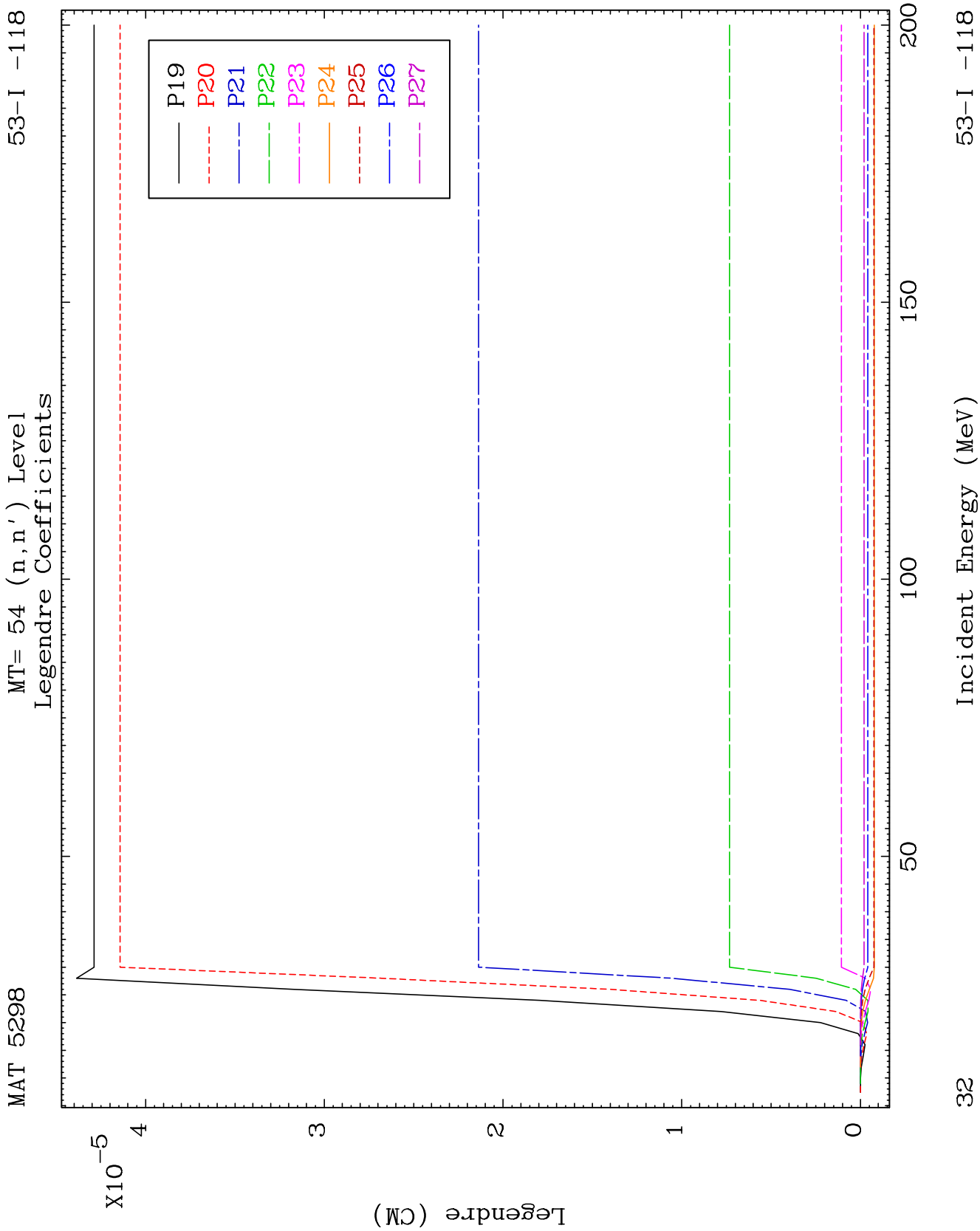


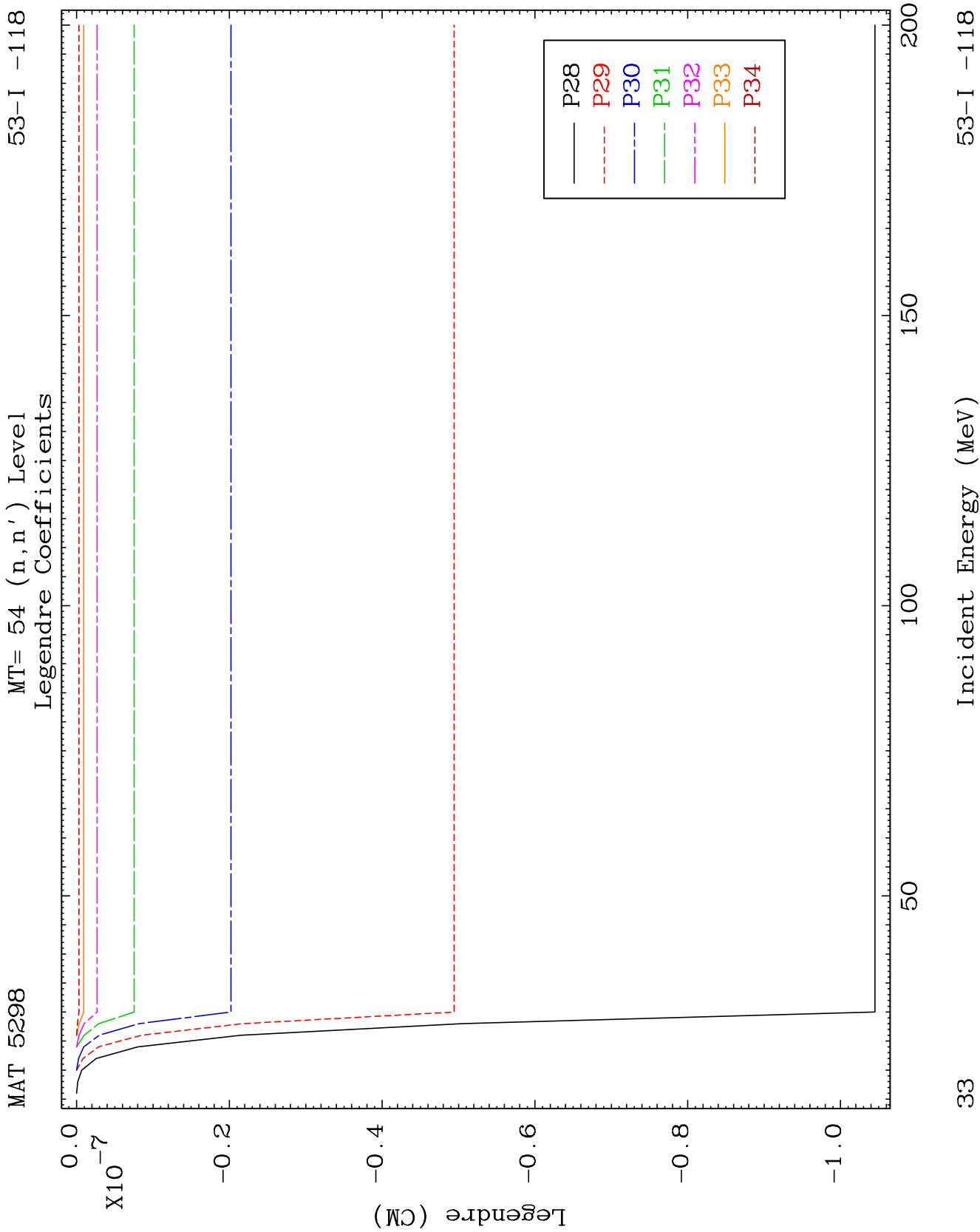








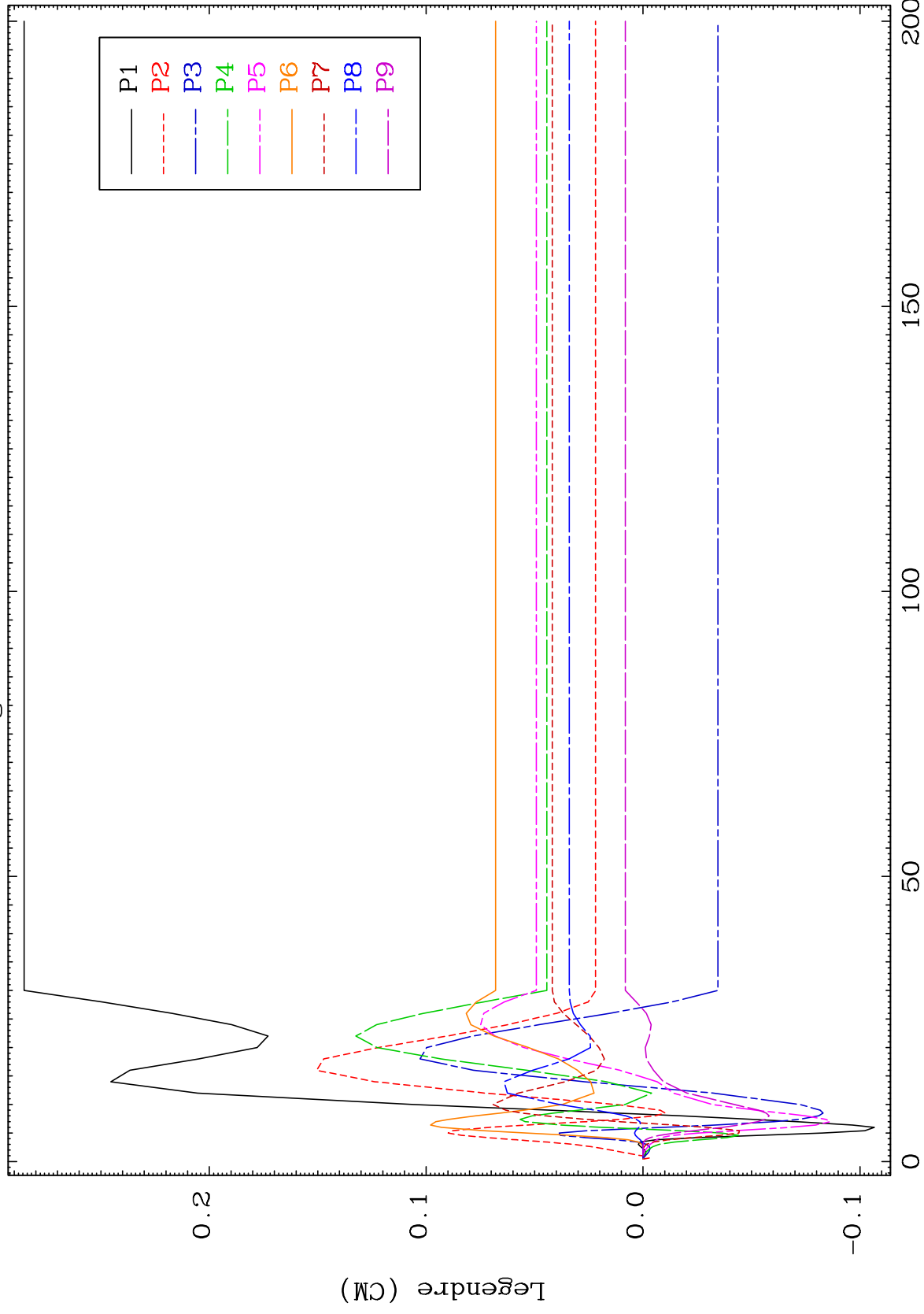




MAT 5298

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

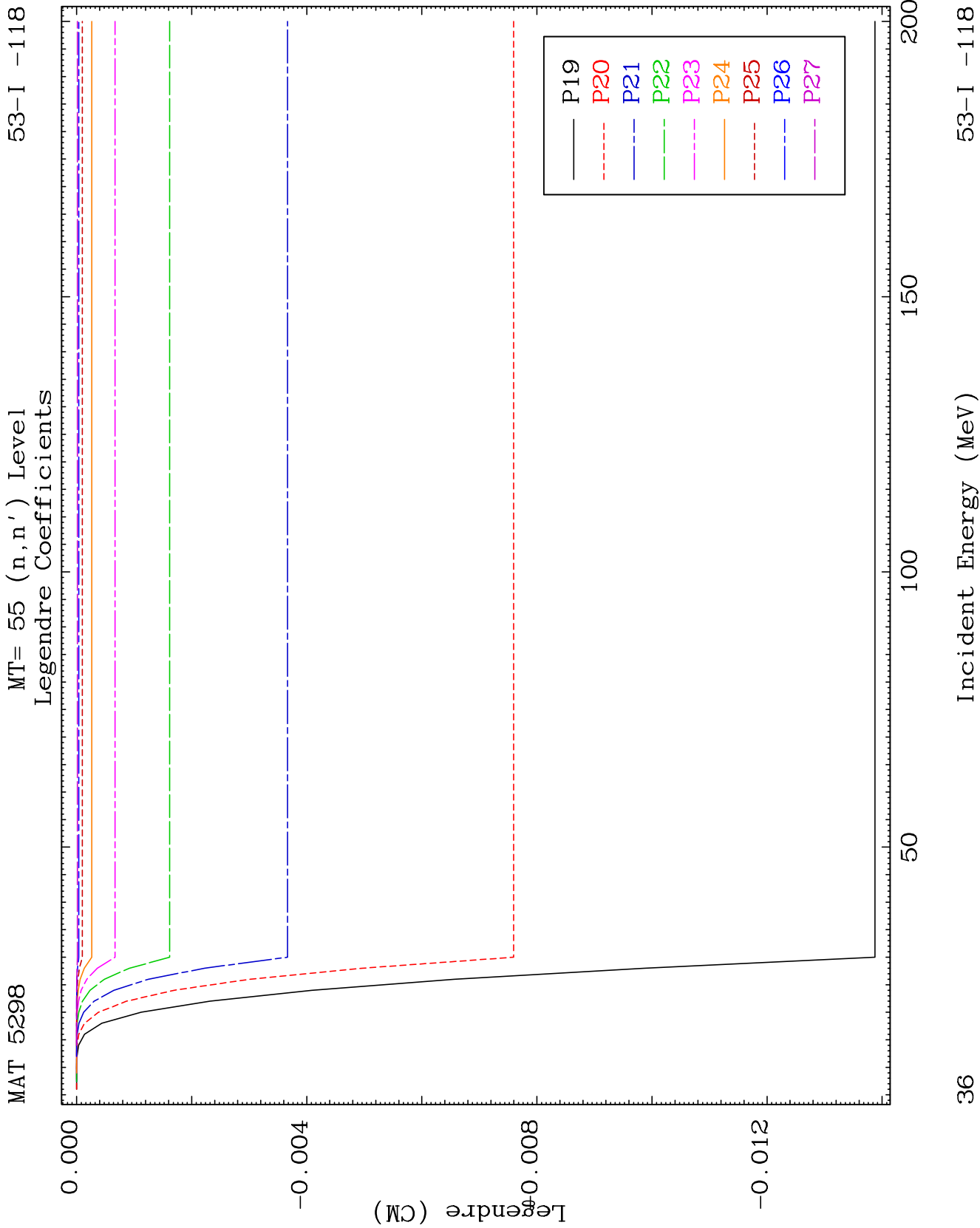
53-I -118

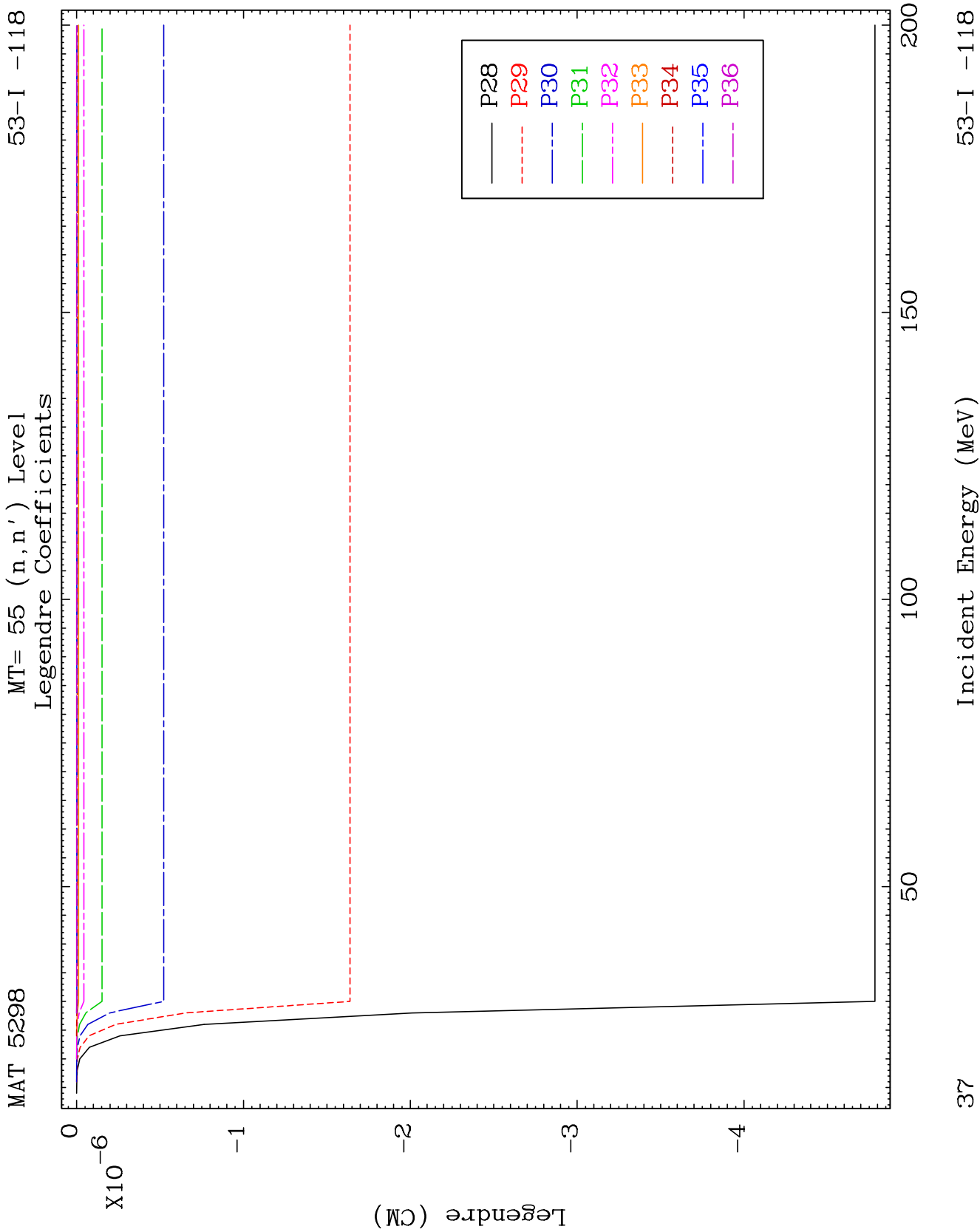


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Incident Energy (MeV)

34

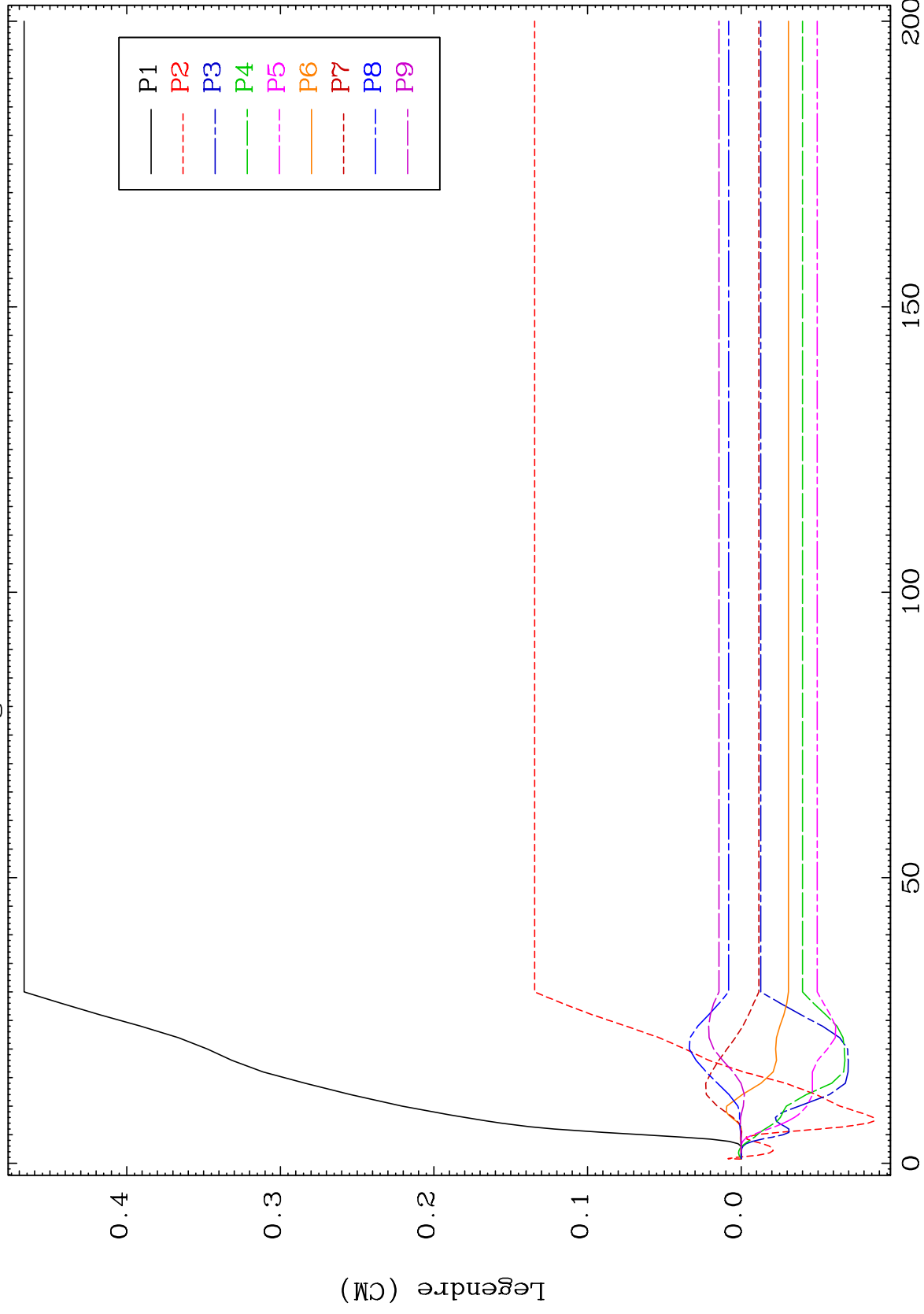




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MT= 56 (n,n') Level
Legendre Coefficients

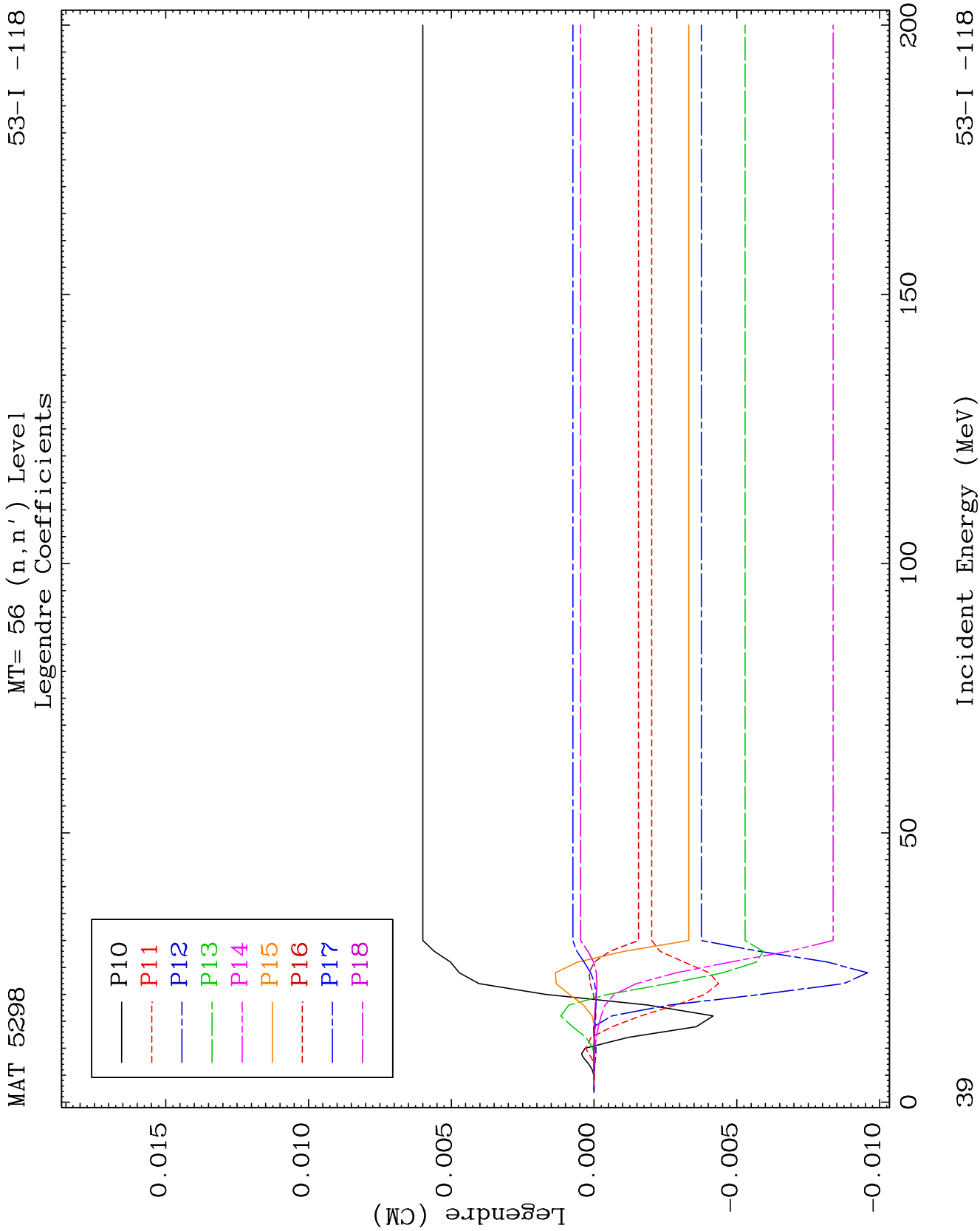
53-I -118

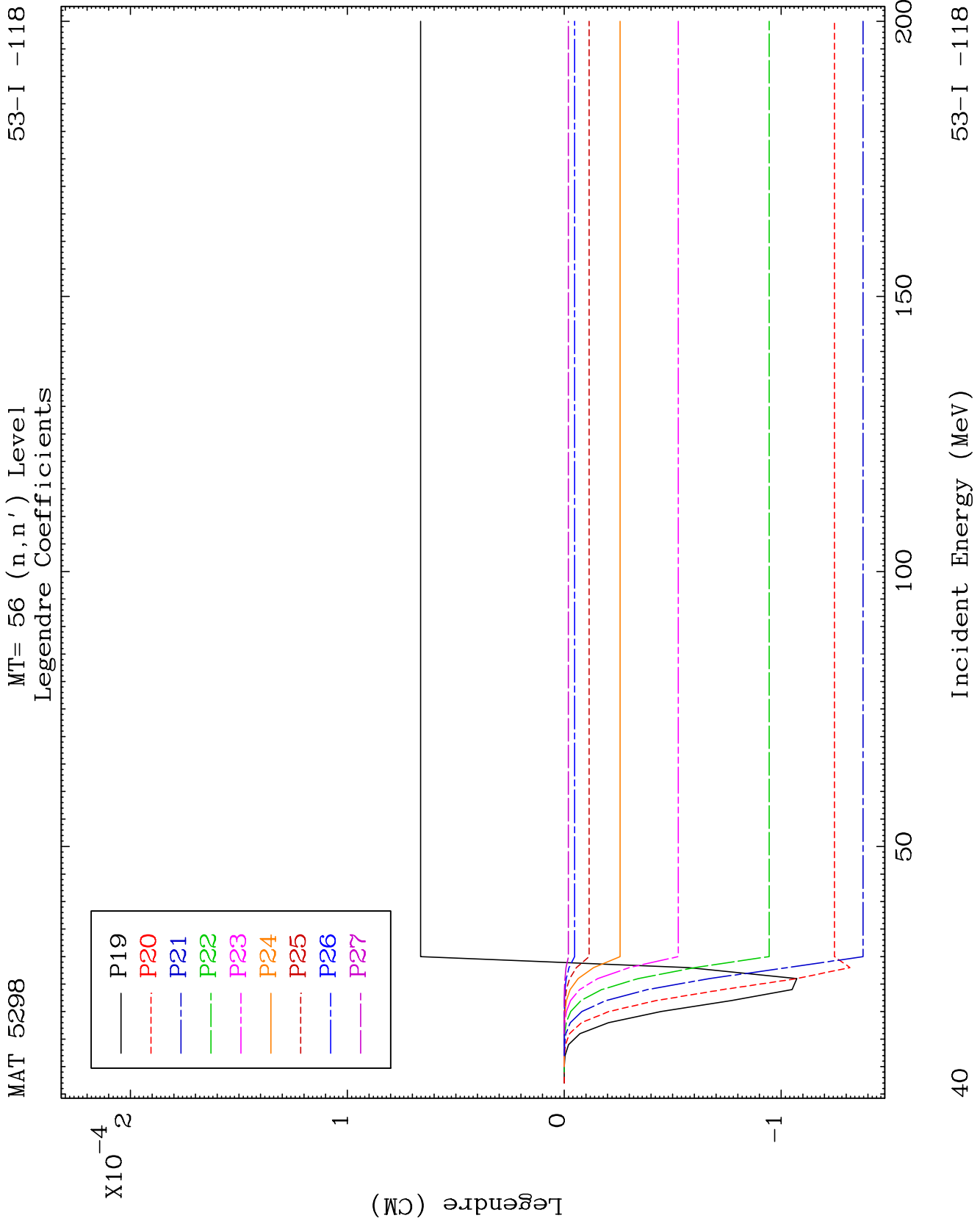


53-I -118

Incident Energy (MeV)

38

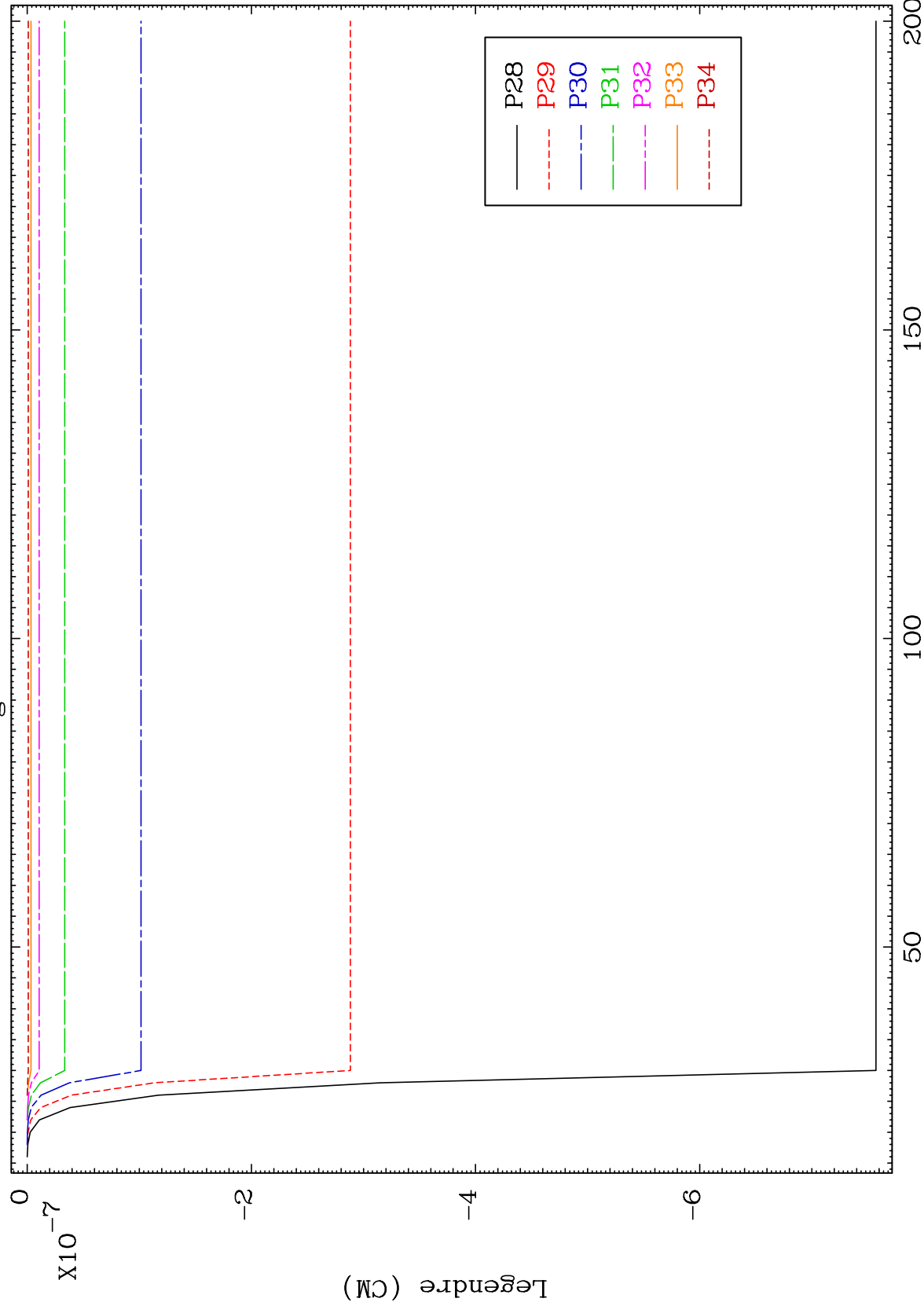




MAT 5298

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

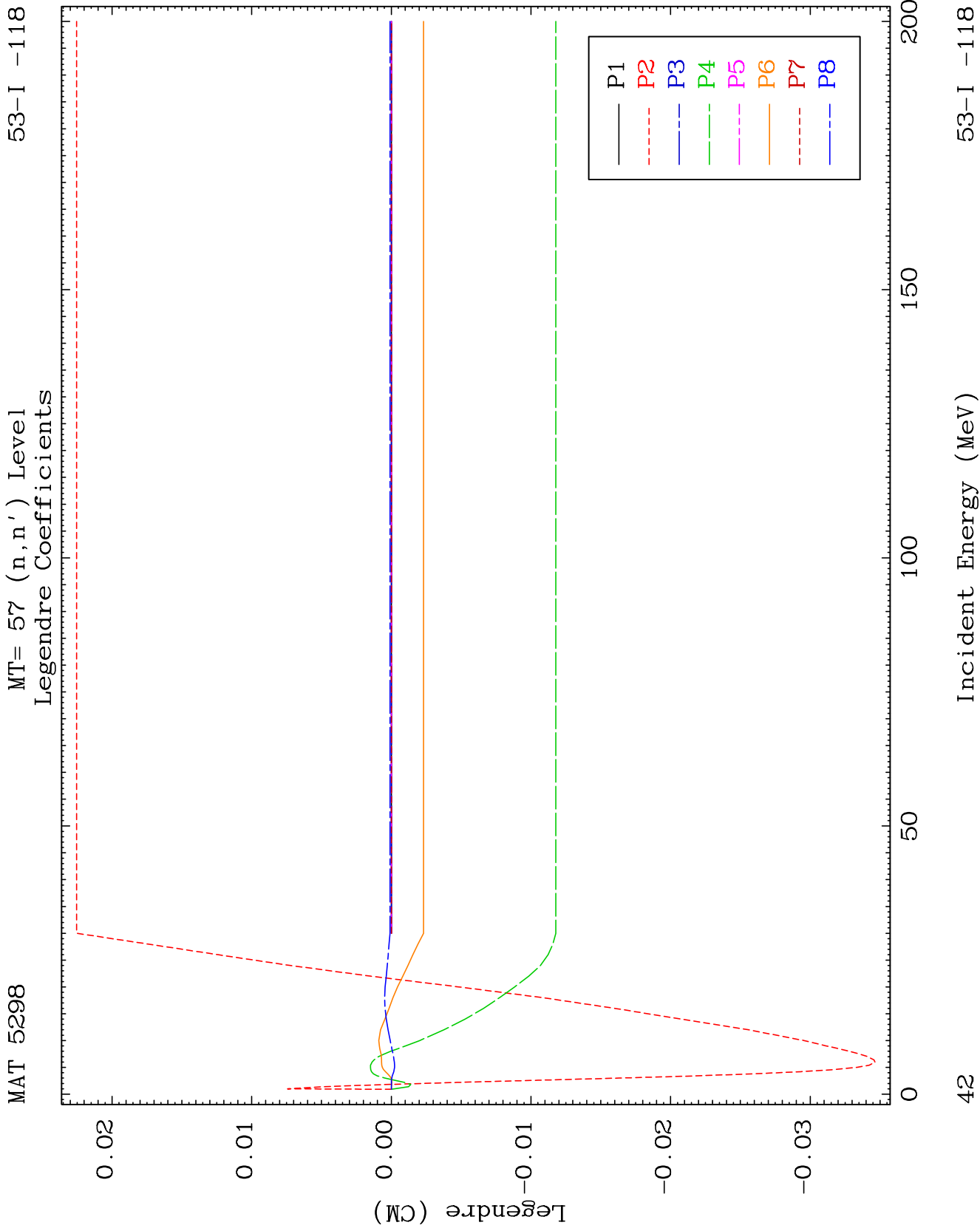
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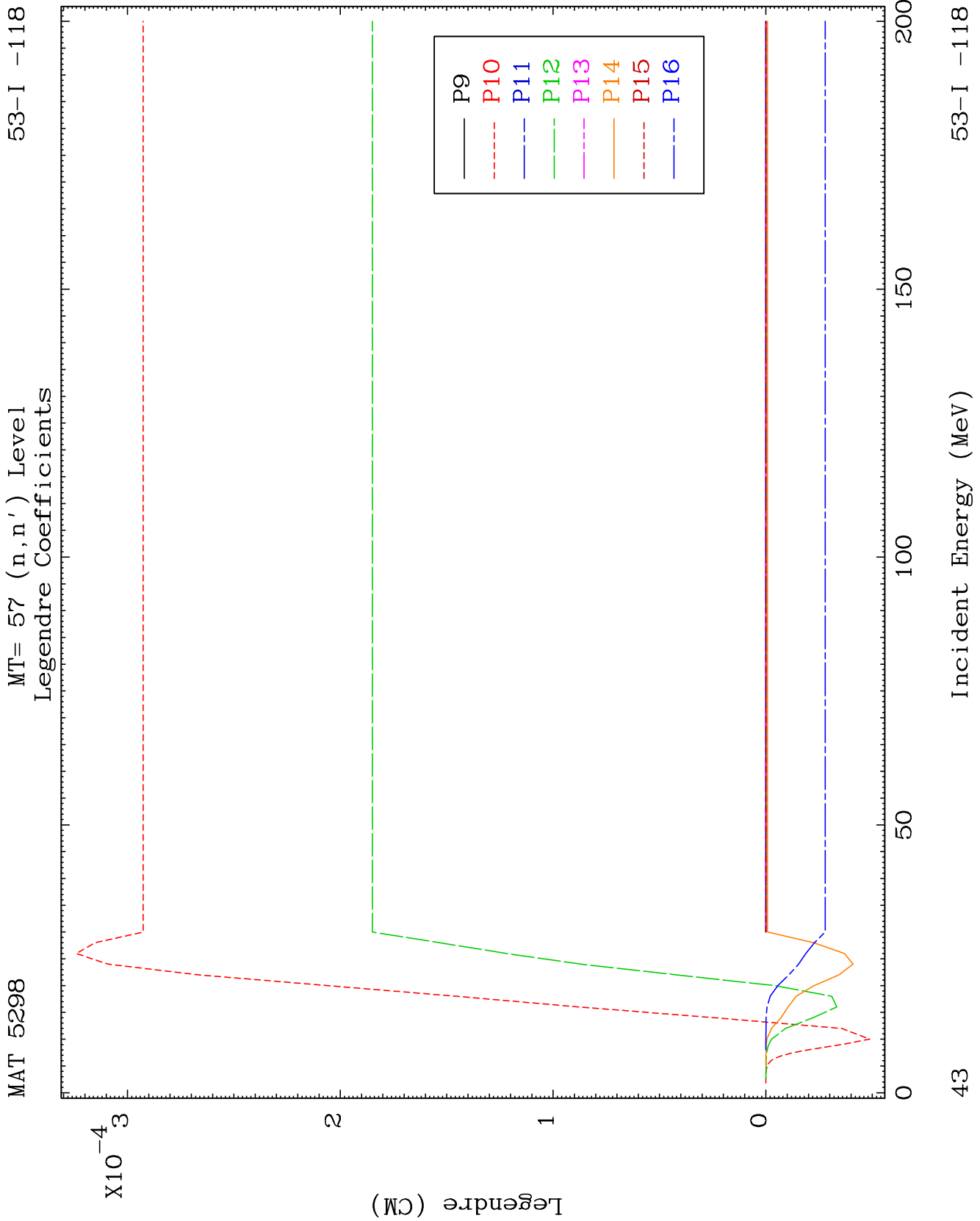


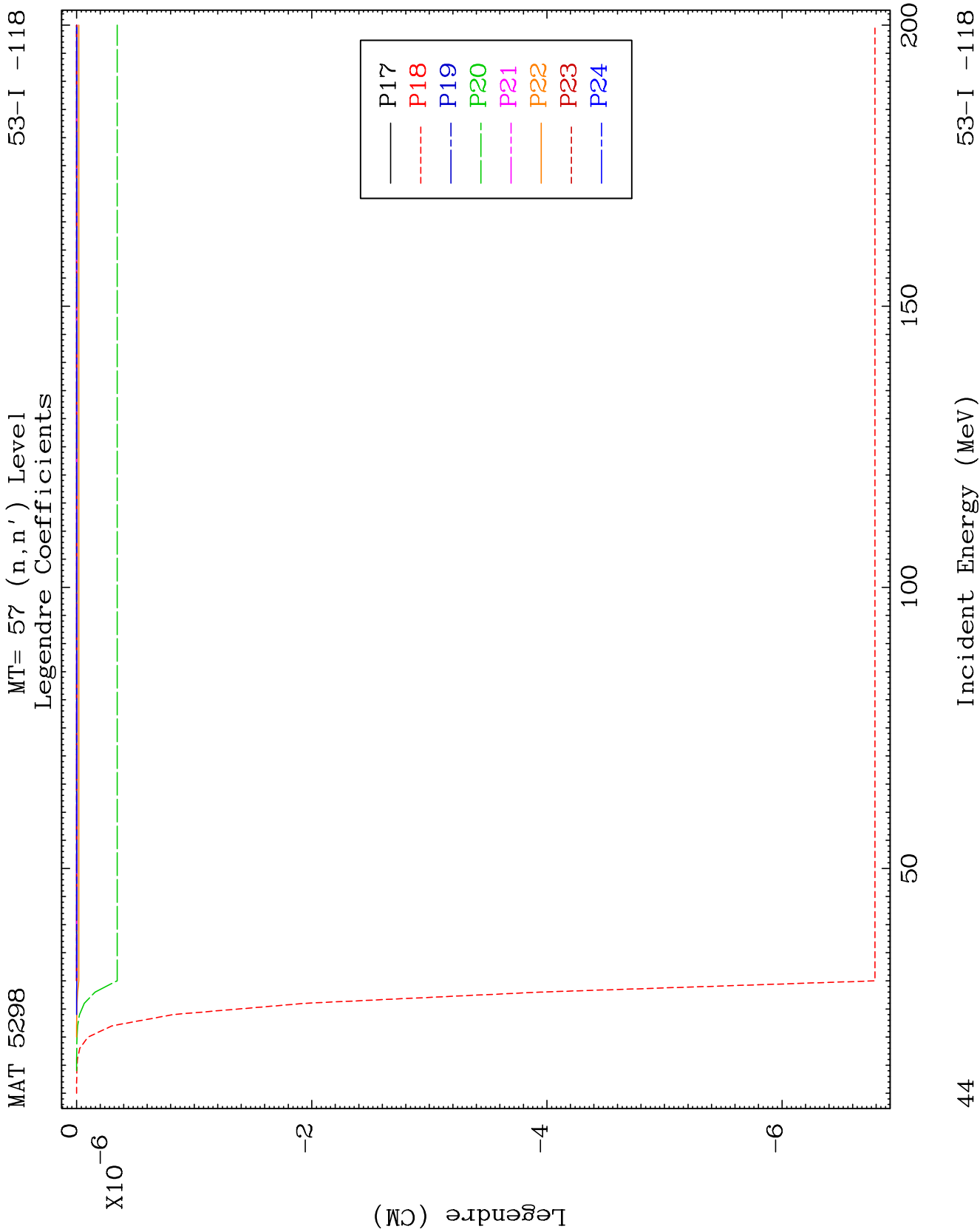
41

Incident Energy (MeV)

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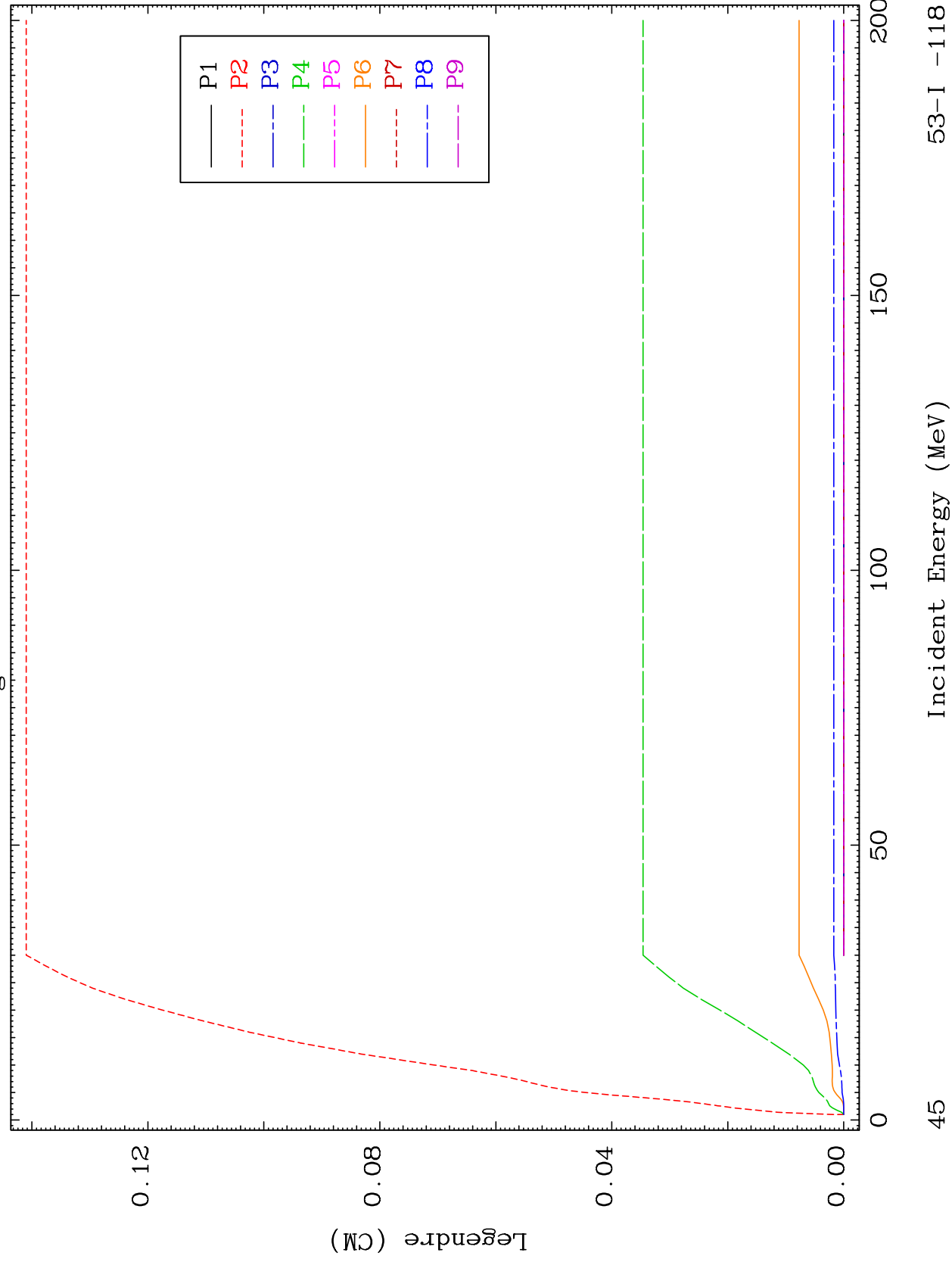




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MT= 58 (n, n') Level
Legendre Coefficients

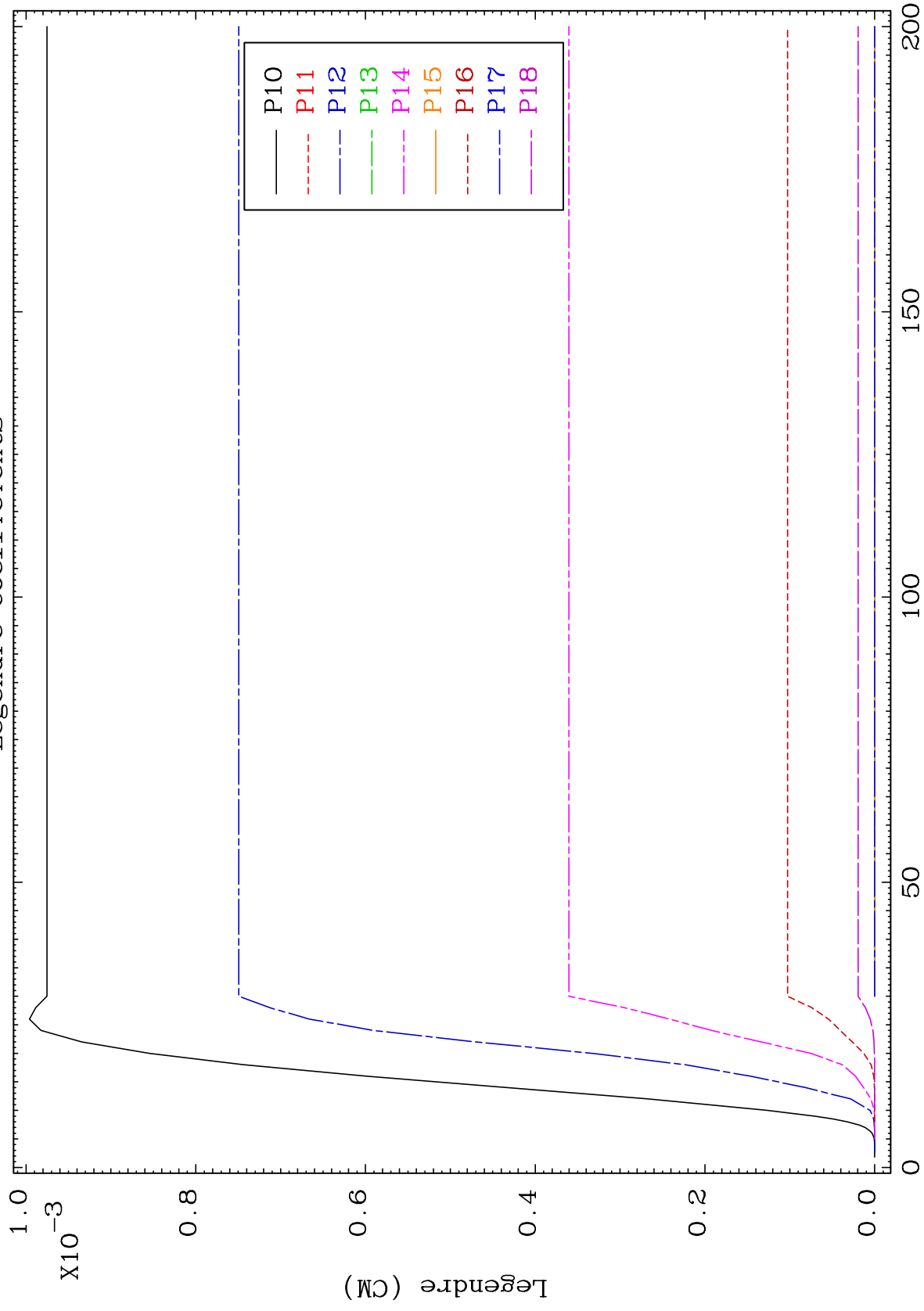
53-I -118



MAT 5298

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

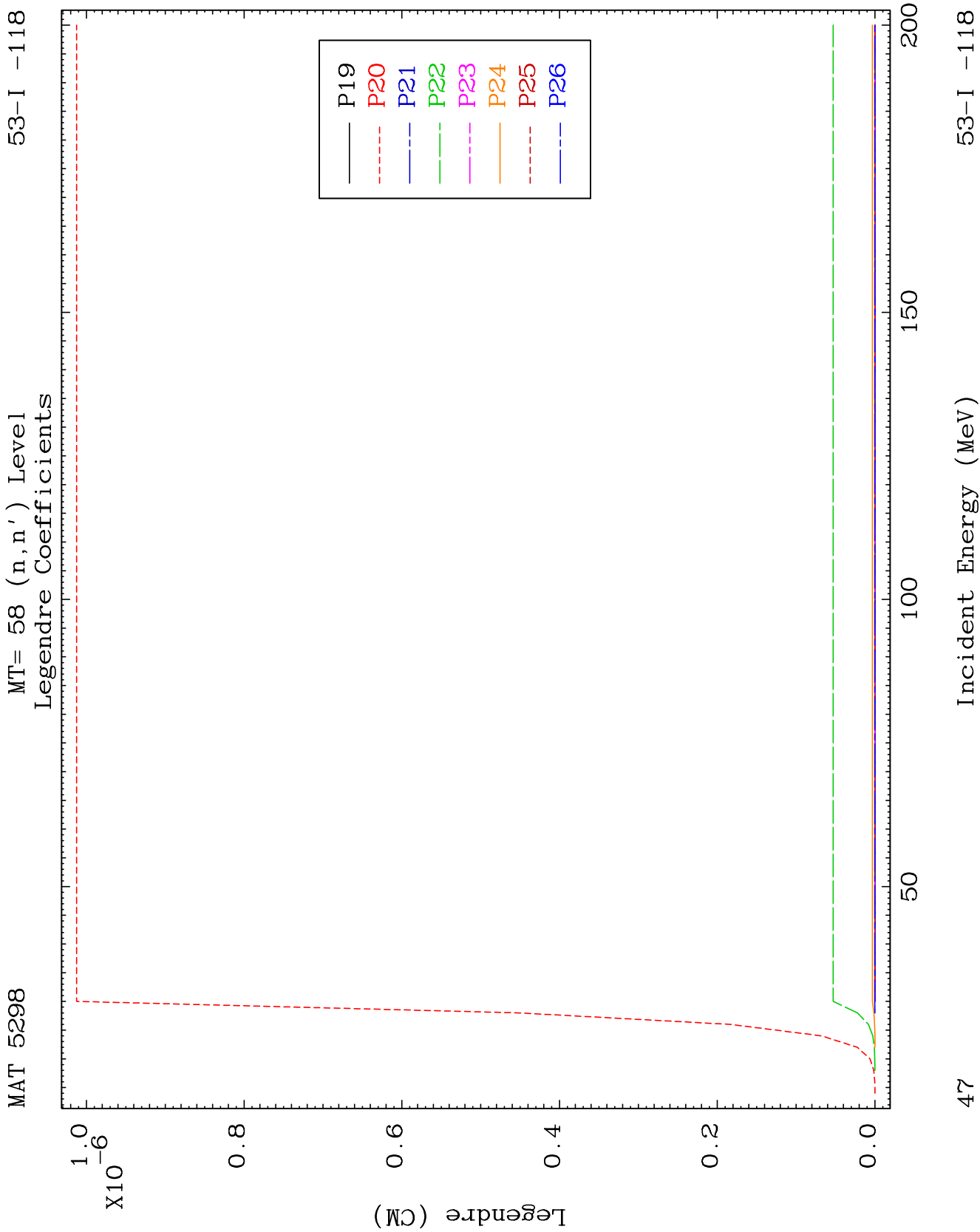
53-I -118

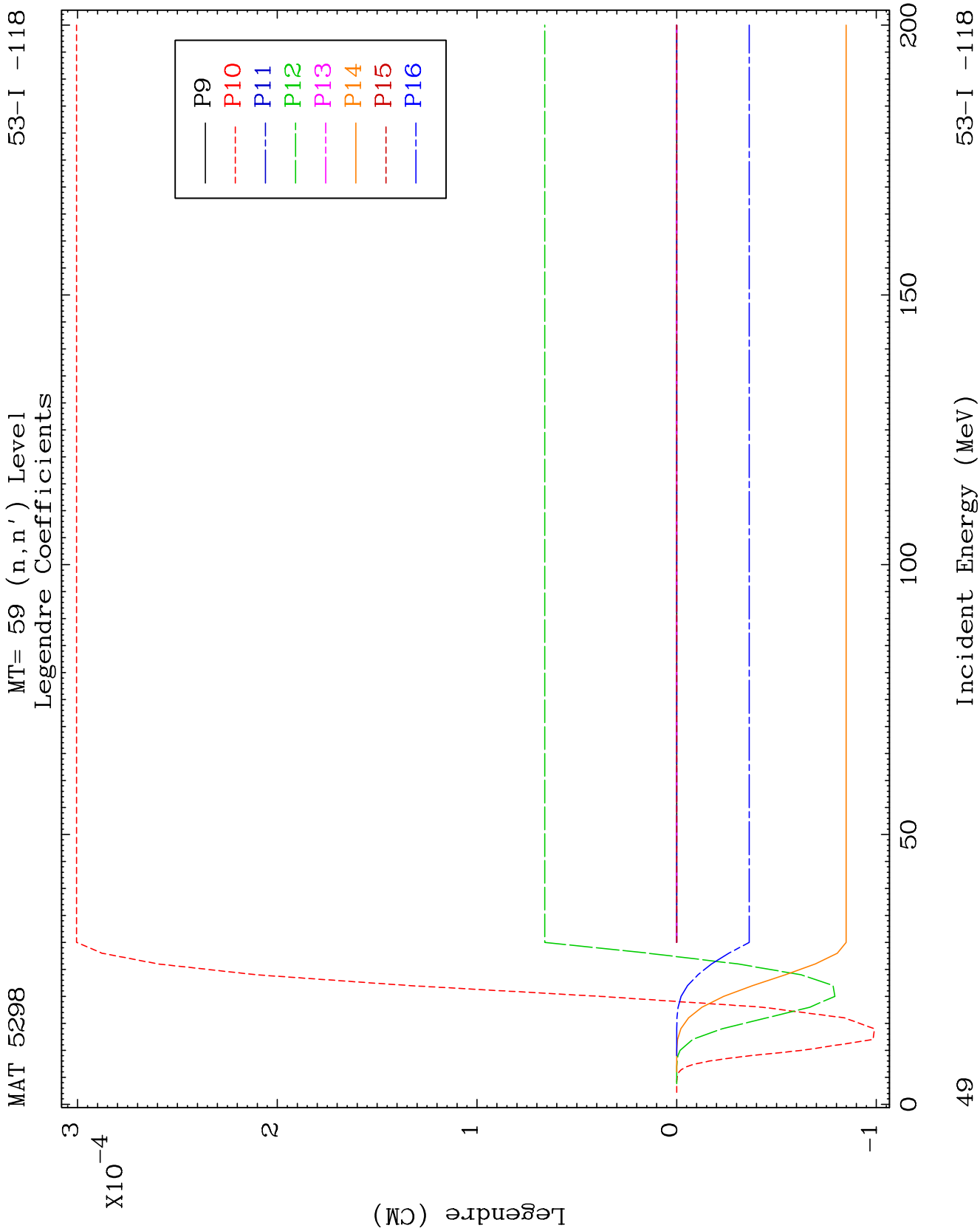


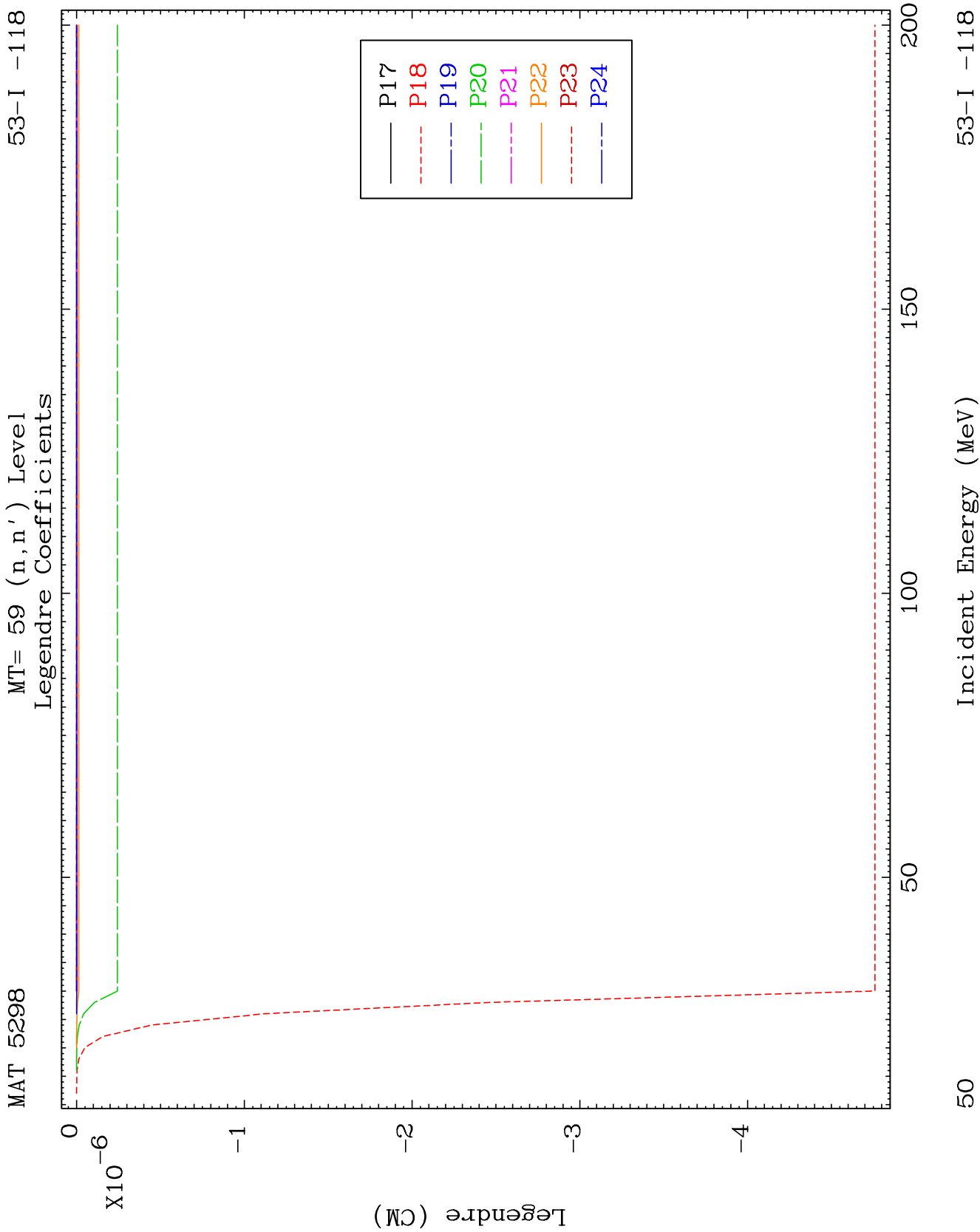
46

Incident Energy (MeV)

53-I -118



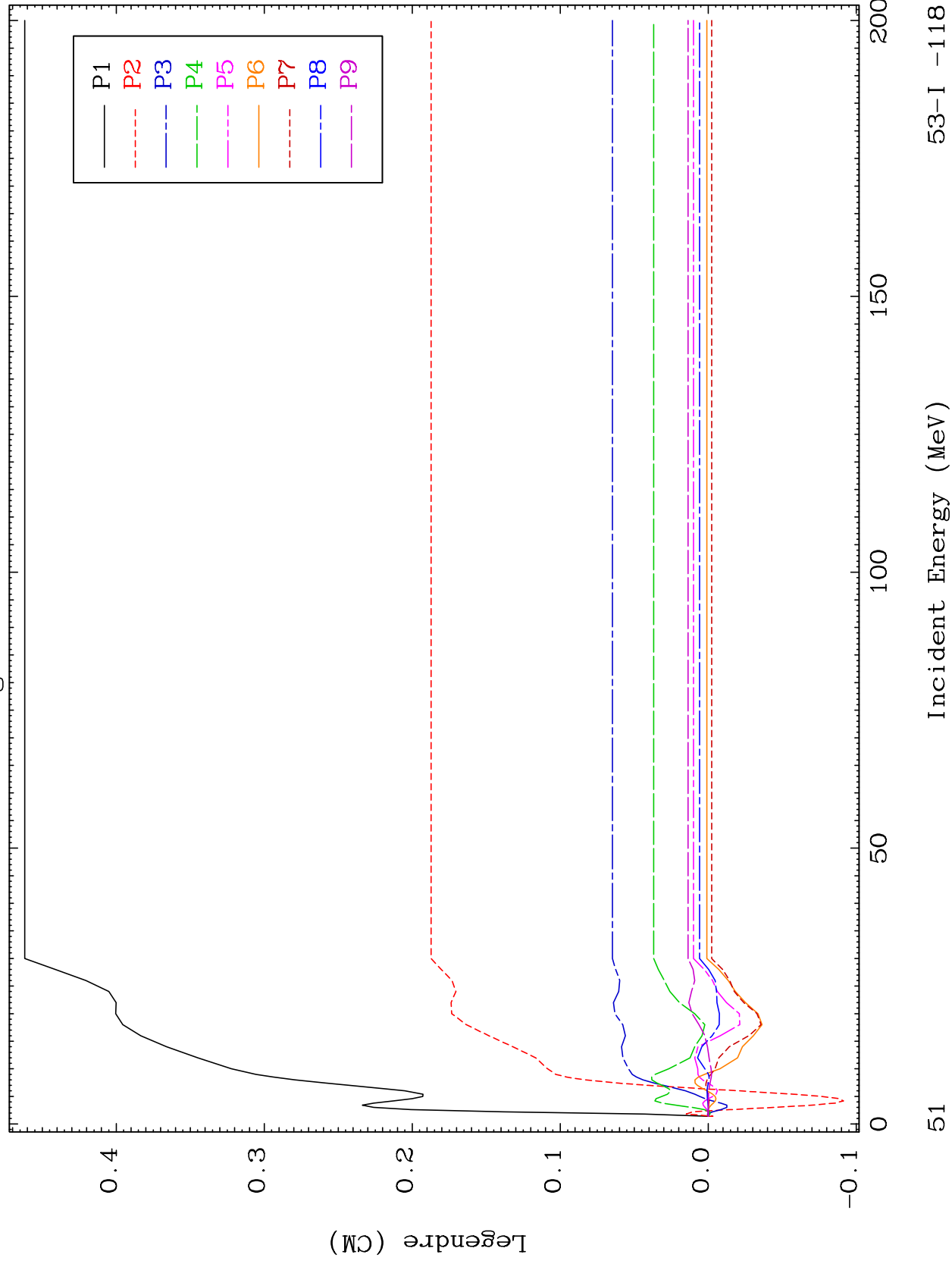


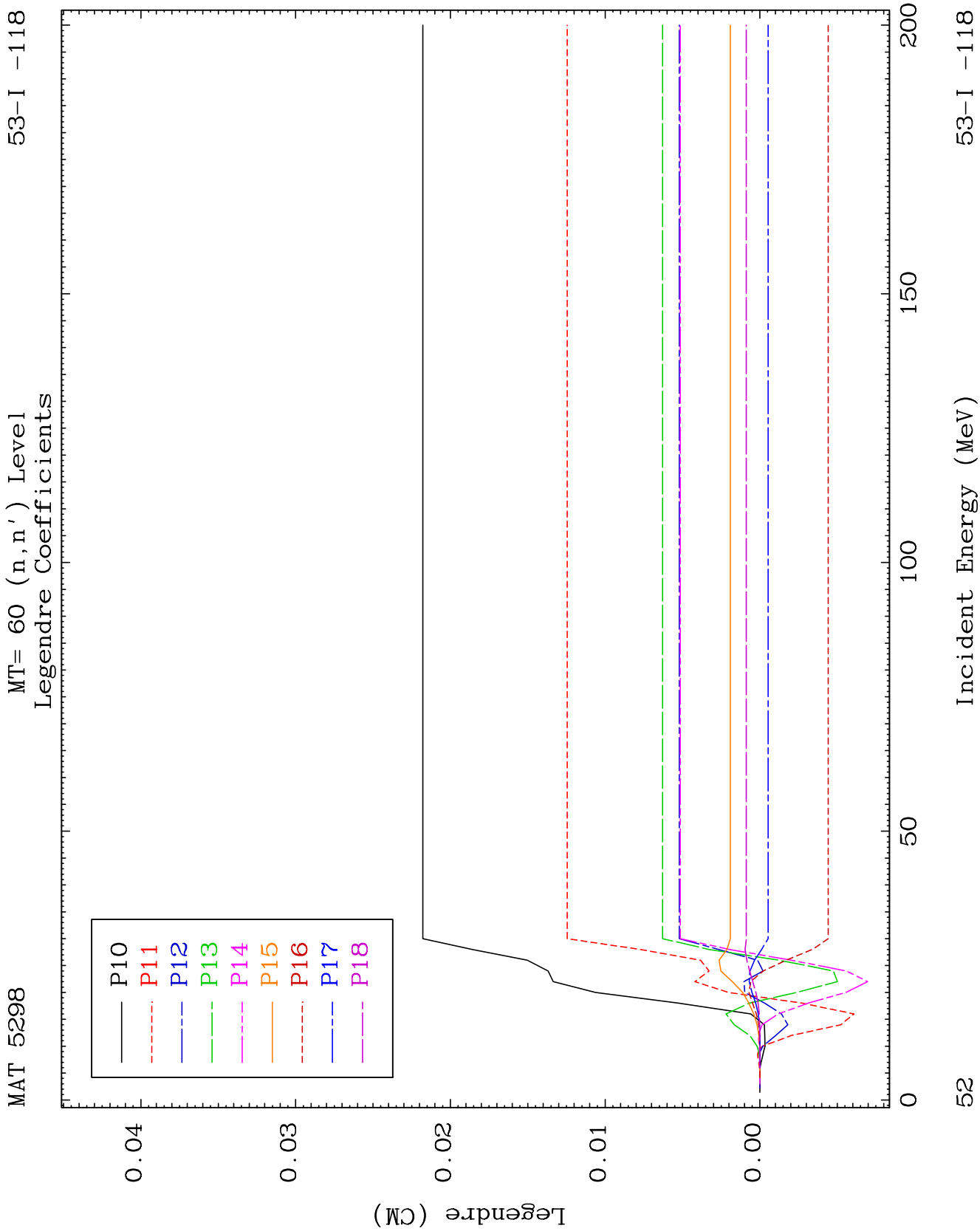


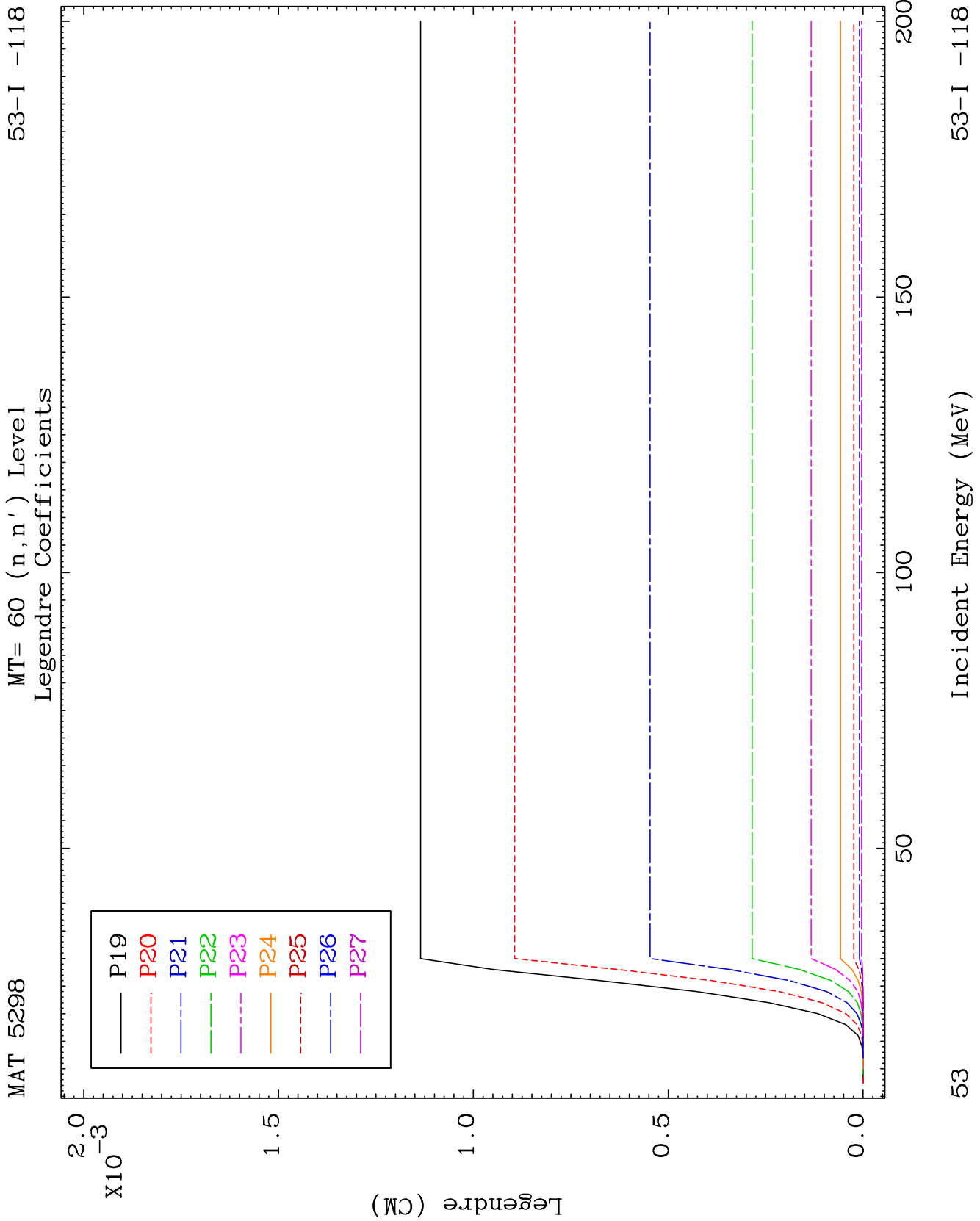
MAT 5298

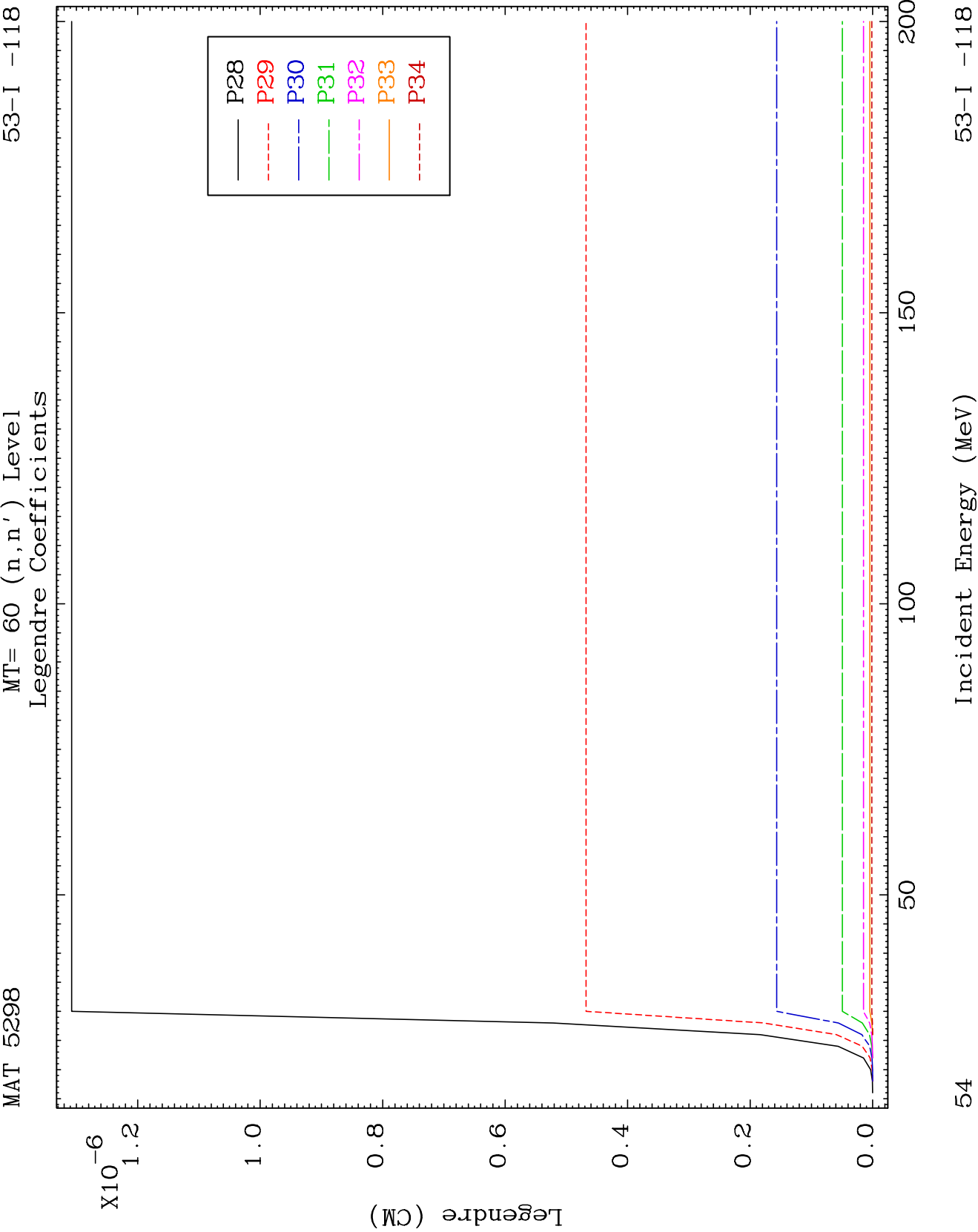
MT= 60 (n, n') Level
Legendre Coefficients

53-I -118





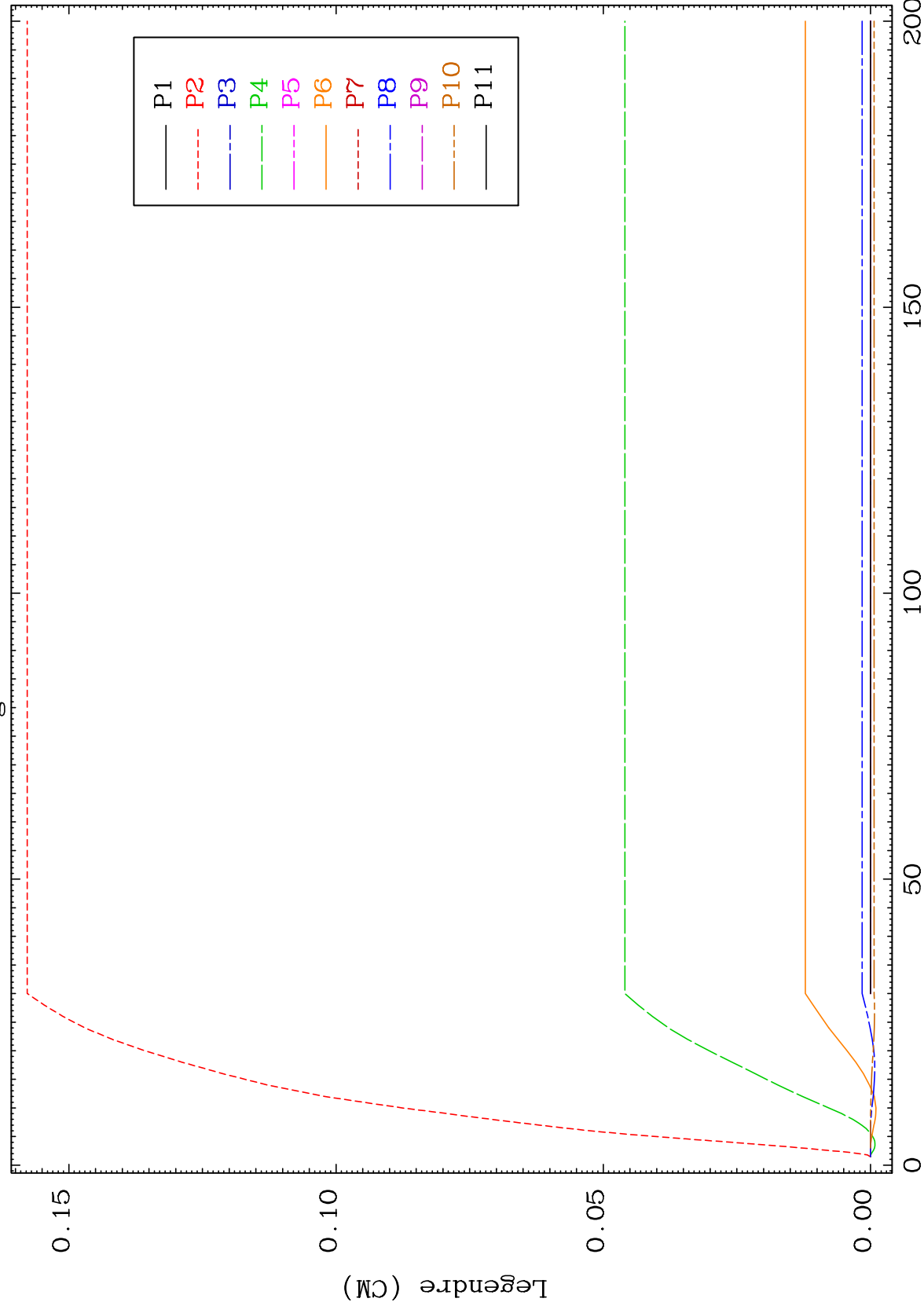




MAT 5298

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

53-I -118



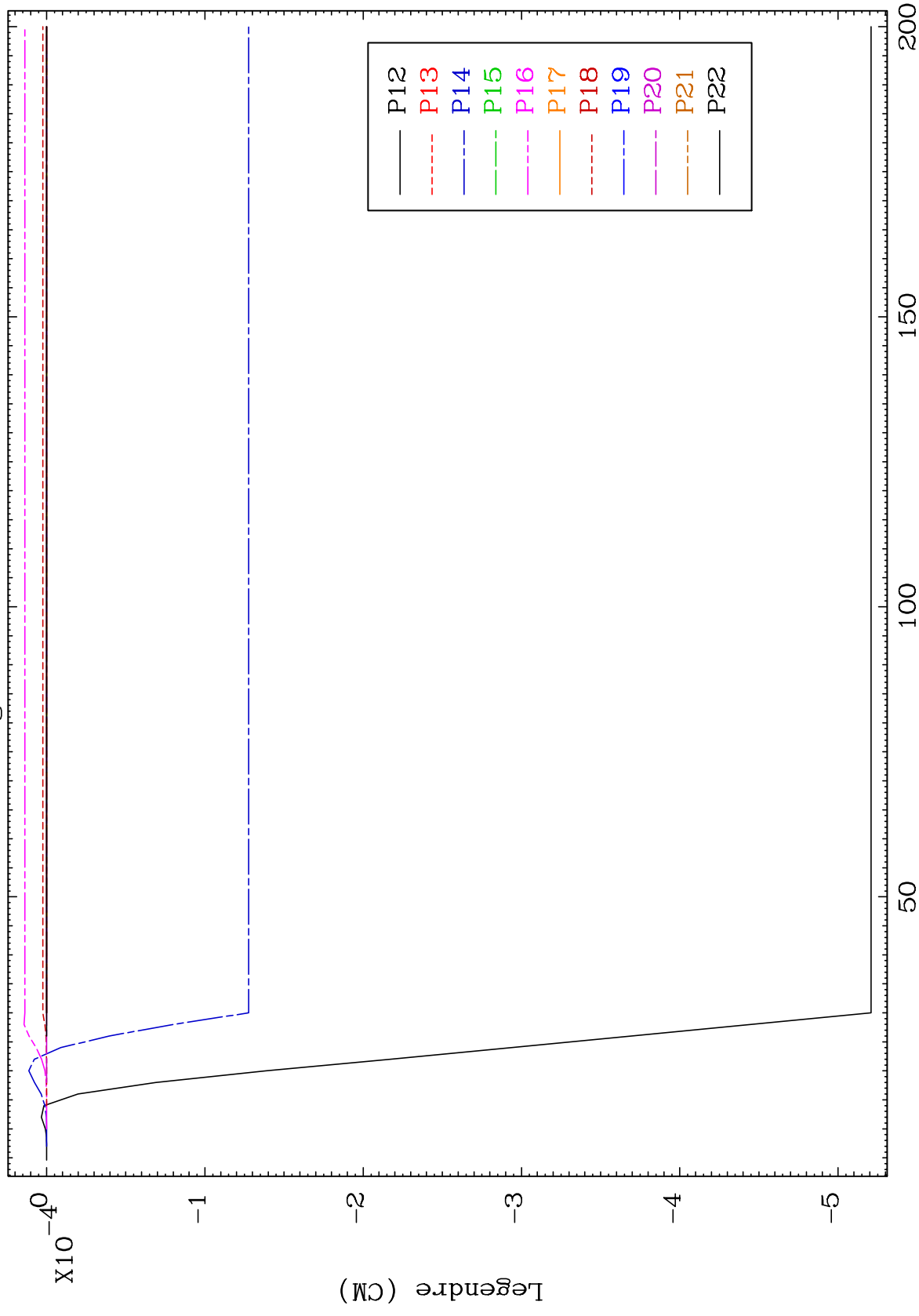
55 Incident Energy (MeV) 53-I -118

MAT 5298

MT= 61 (n, n') Level

53-I -118

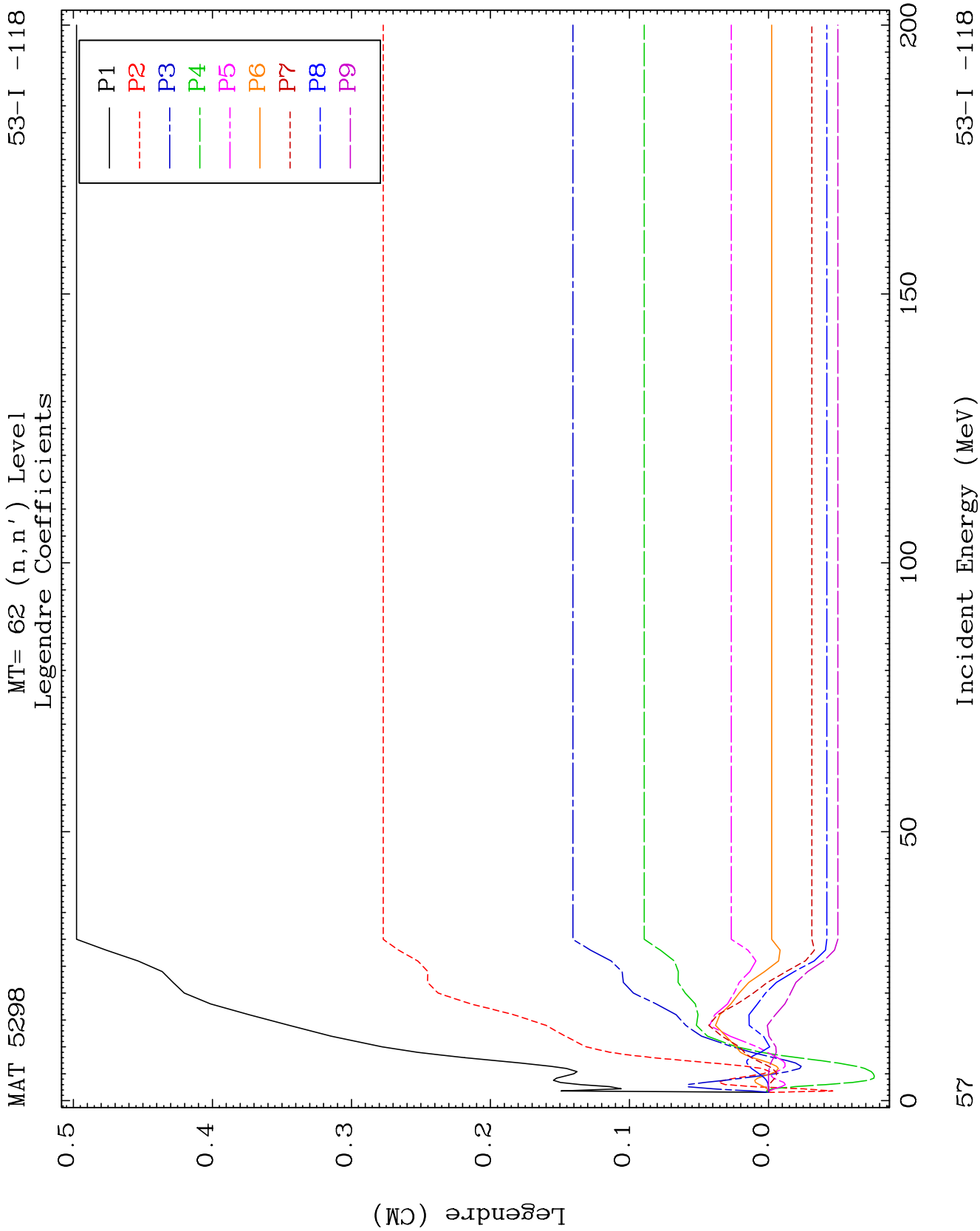
Legendre Coefficients



59

Incident Energy (MeV)

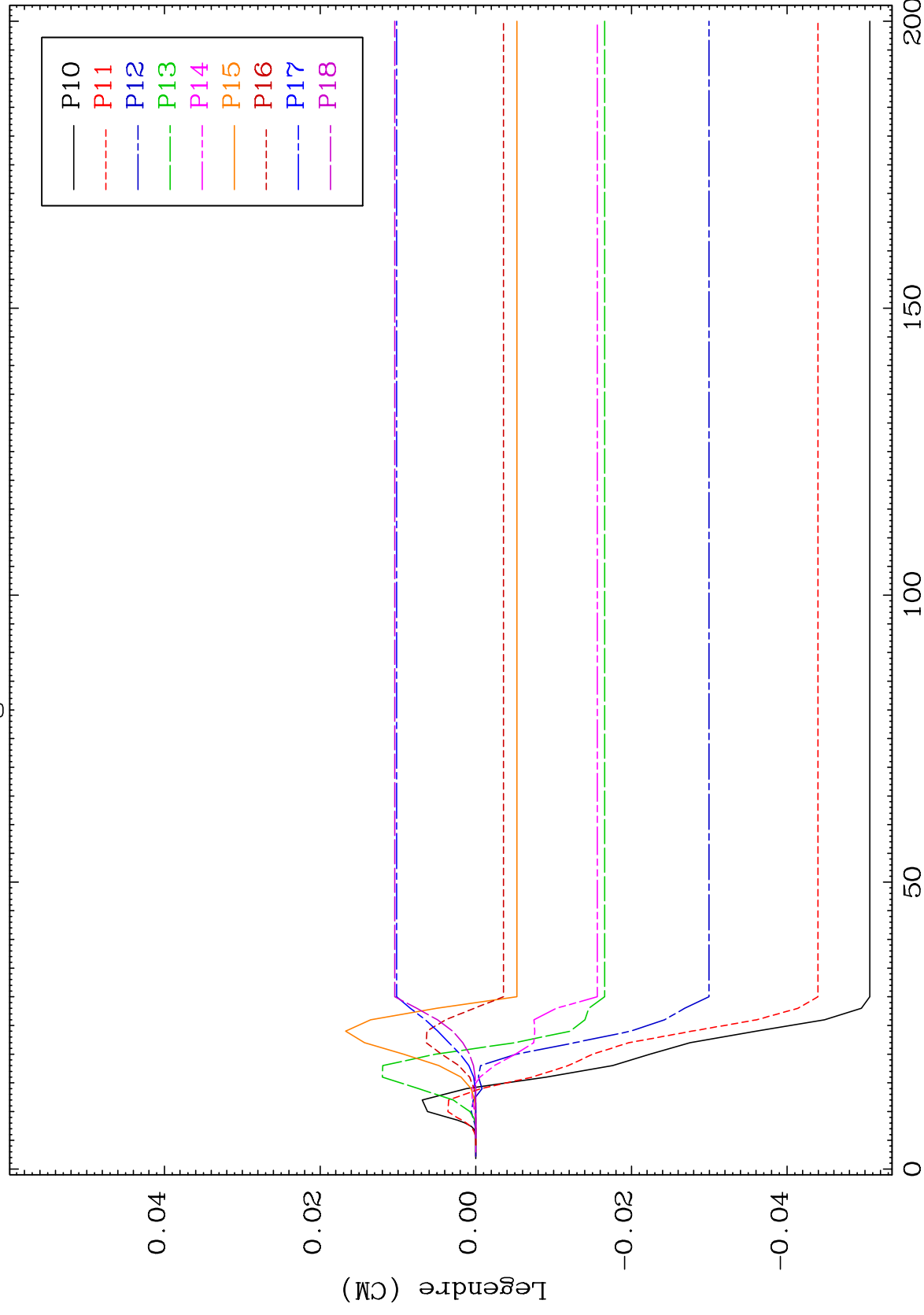
53-I -118



MAT 5298

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

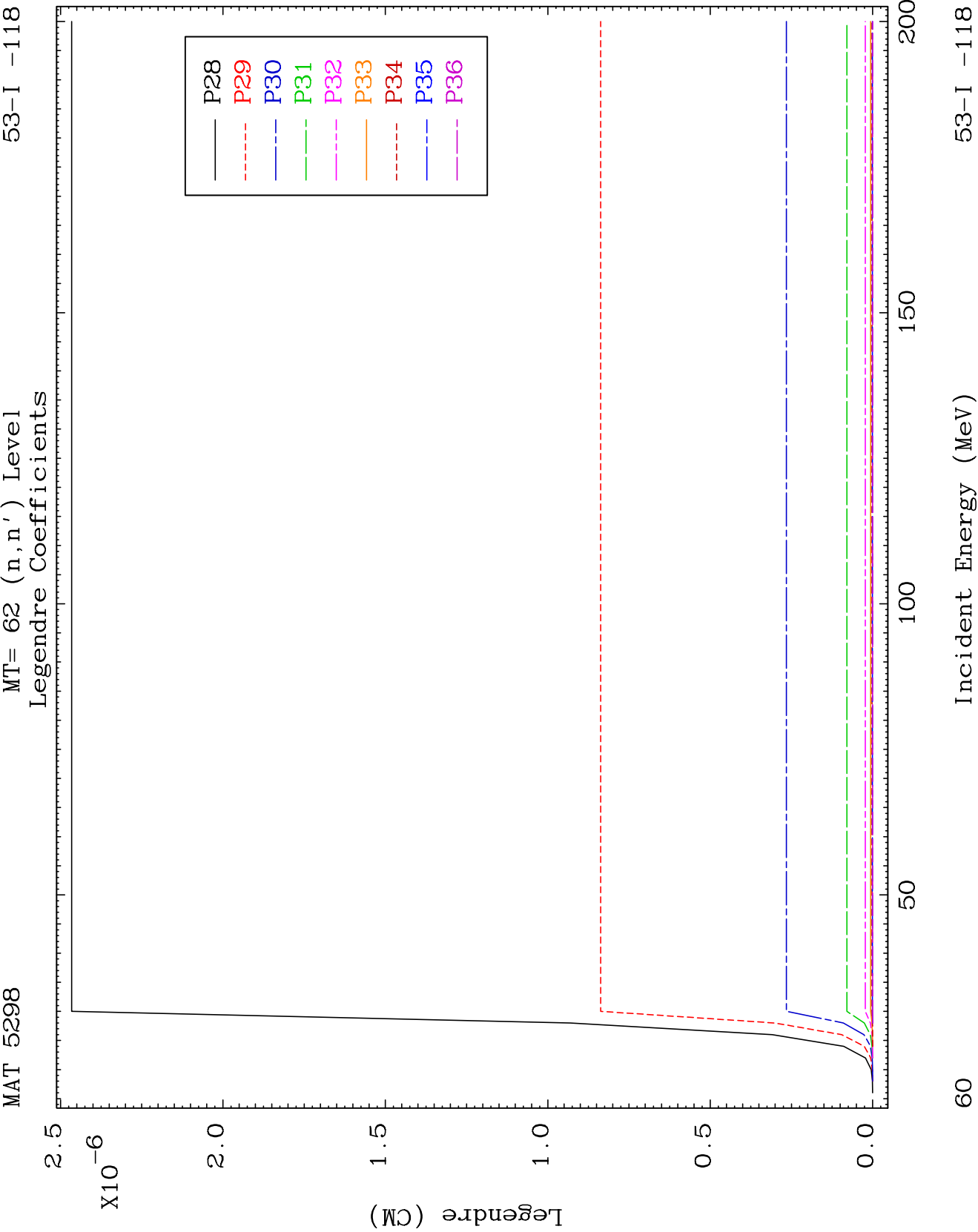
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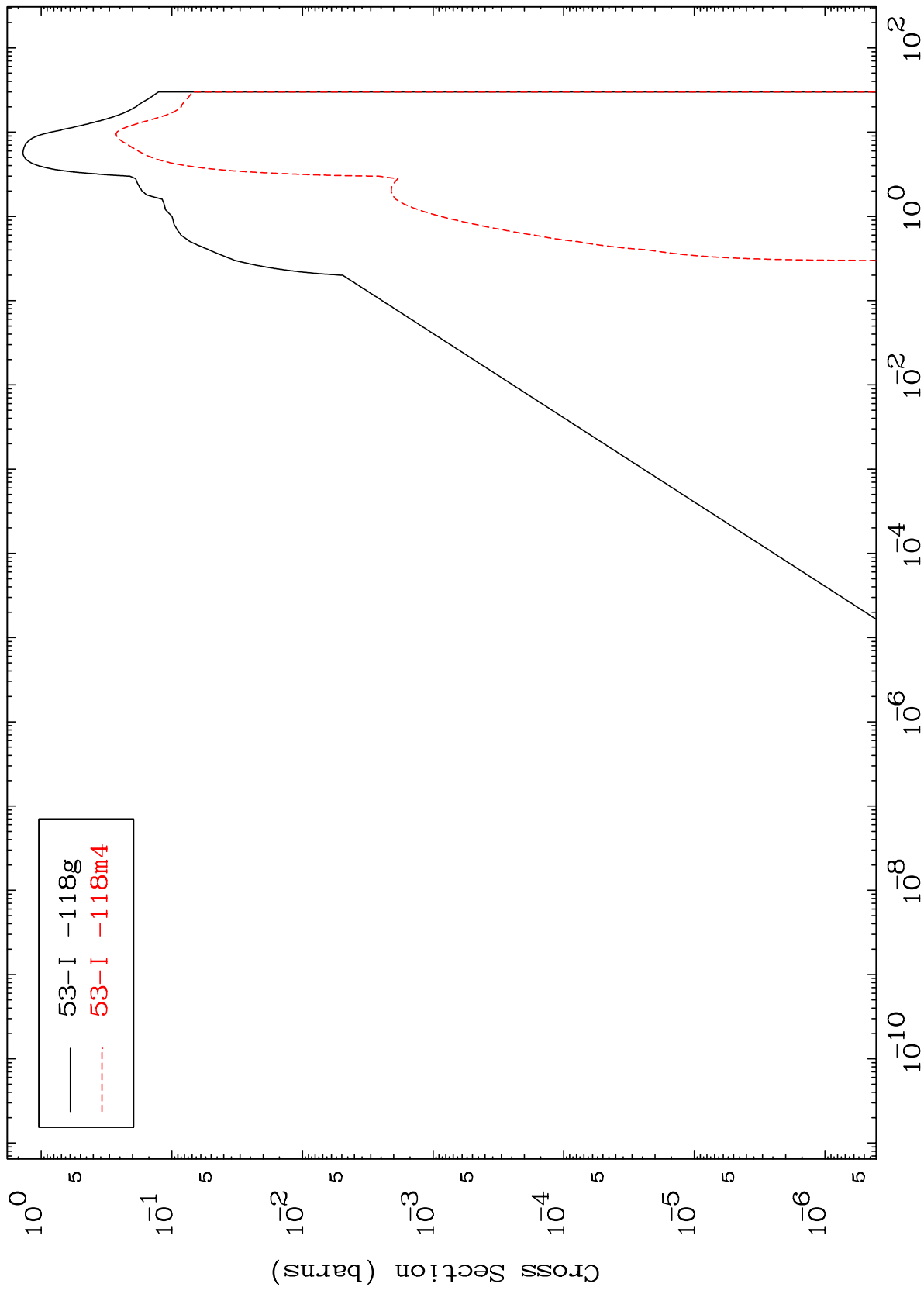
58

Incident Energy (MeV)

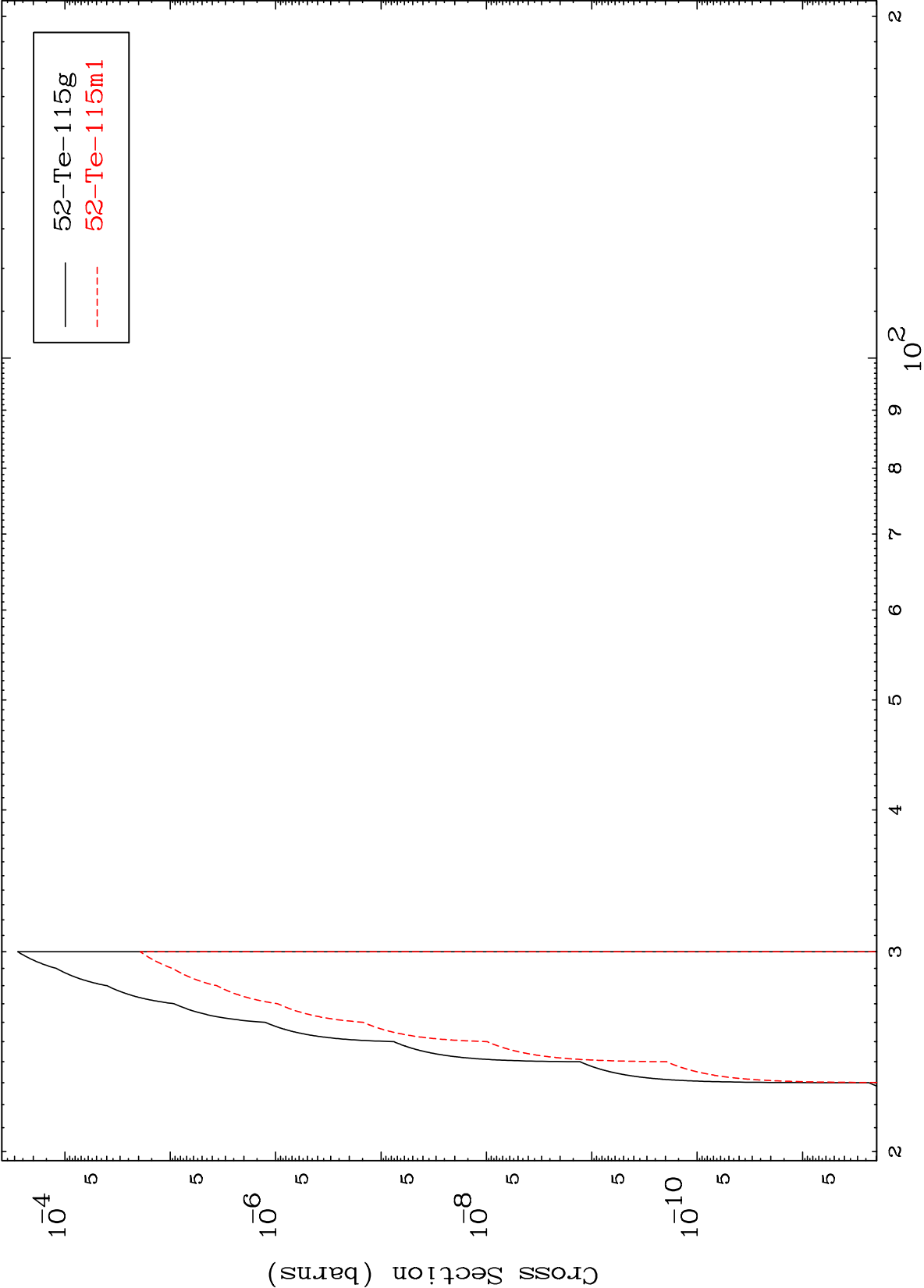
53-I -118



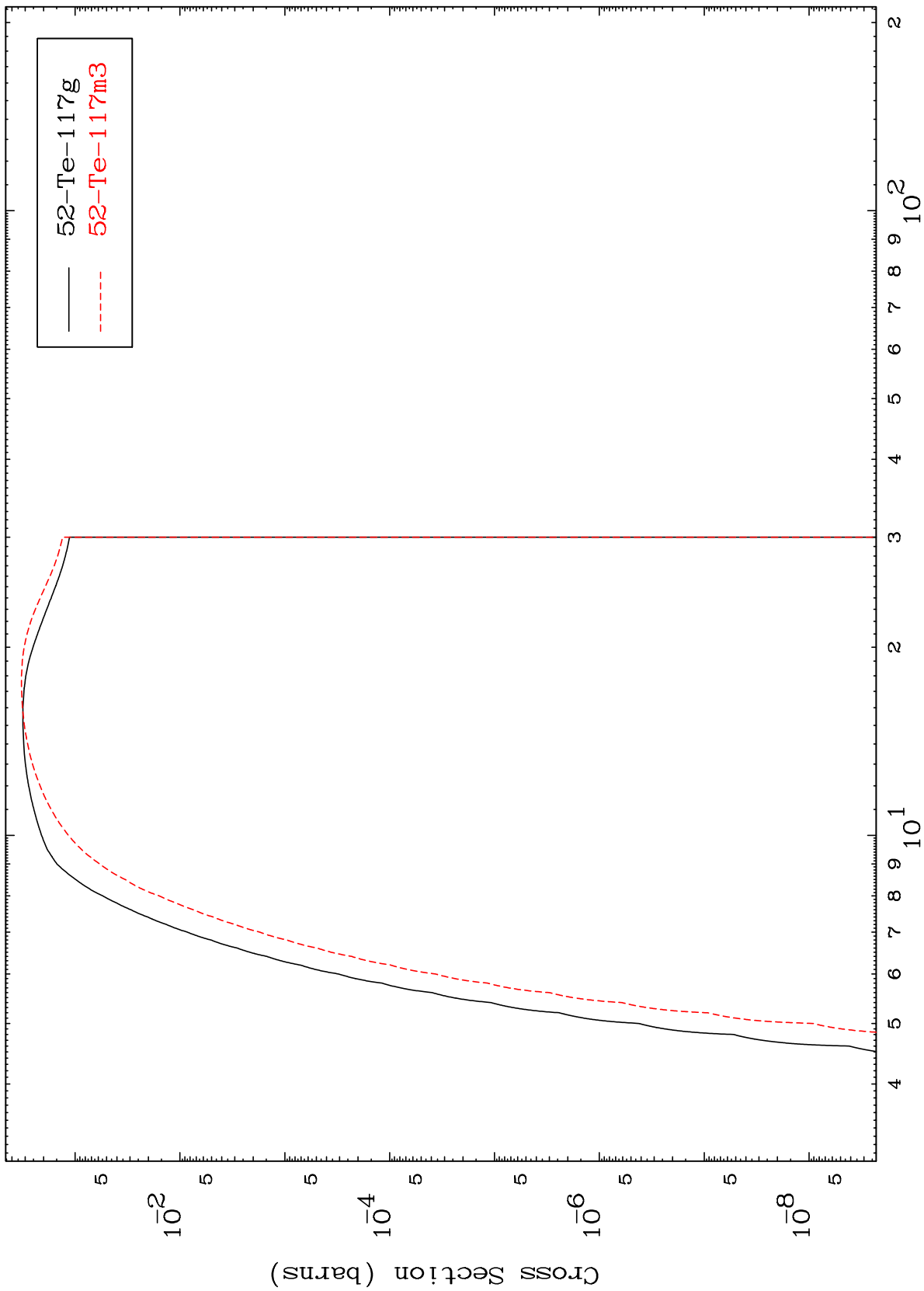
Radionuclide Production Cross Section



Radionuclide Production Cross Section



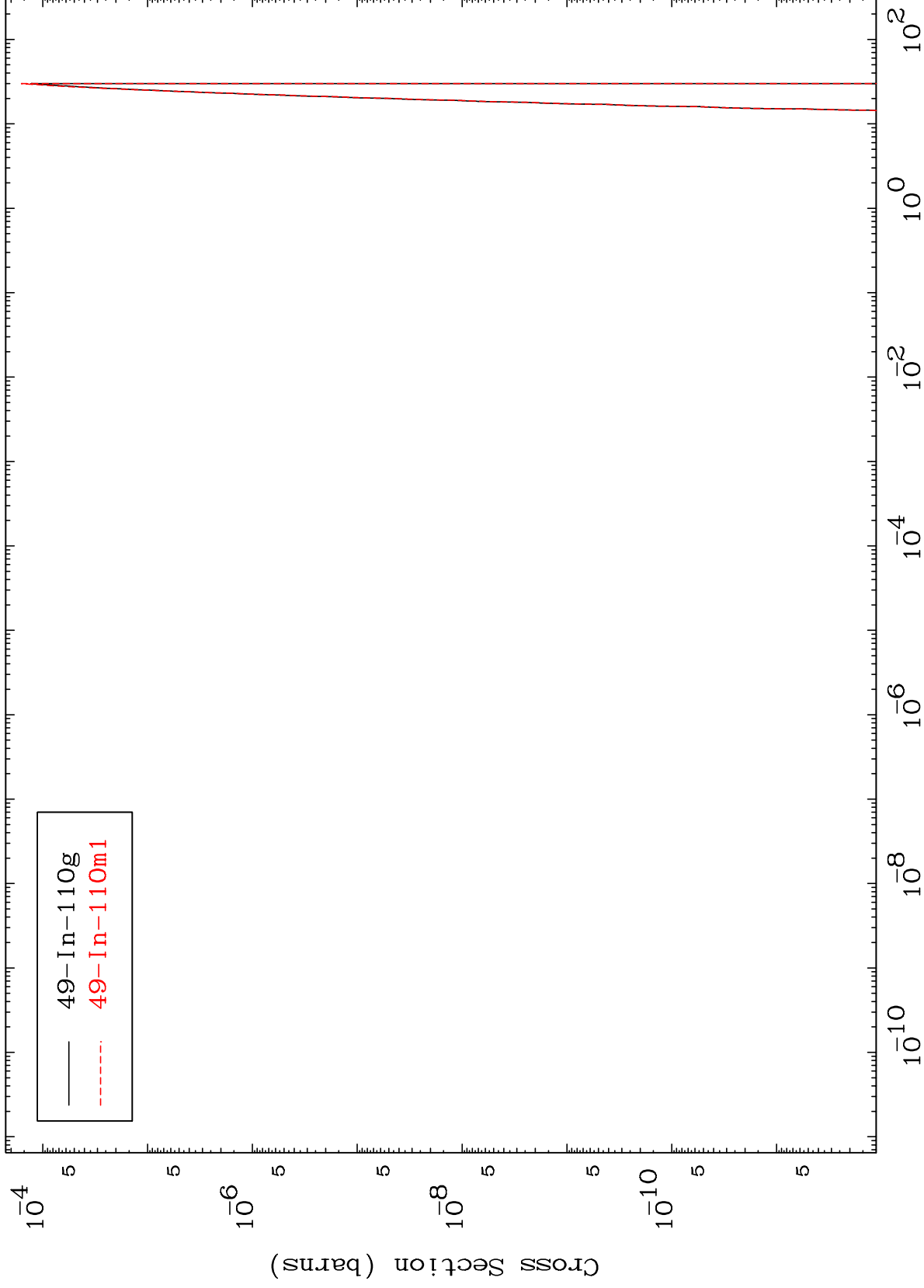
(n,n') p
Radionuclide Production Cross Section



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(n,n') 2 α
Radionuclide Production Cross Section



64

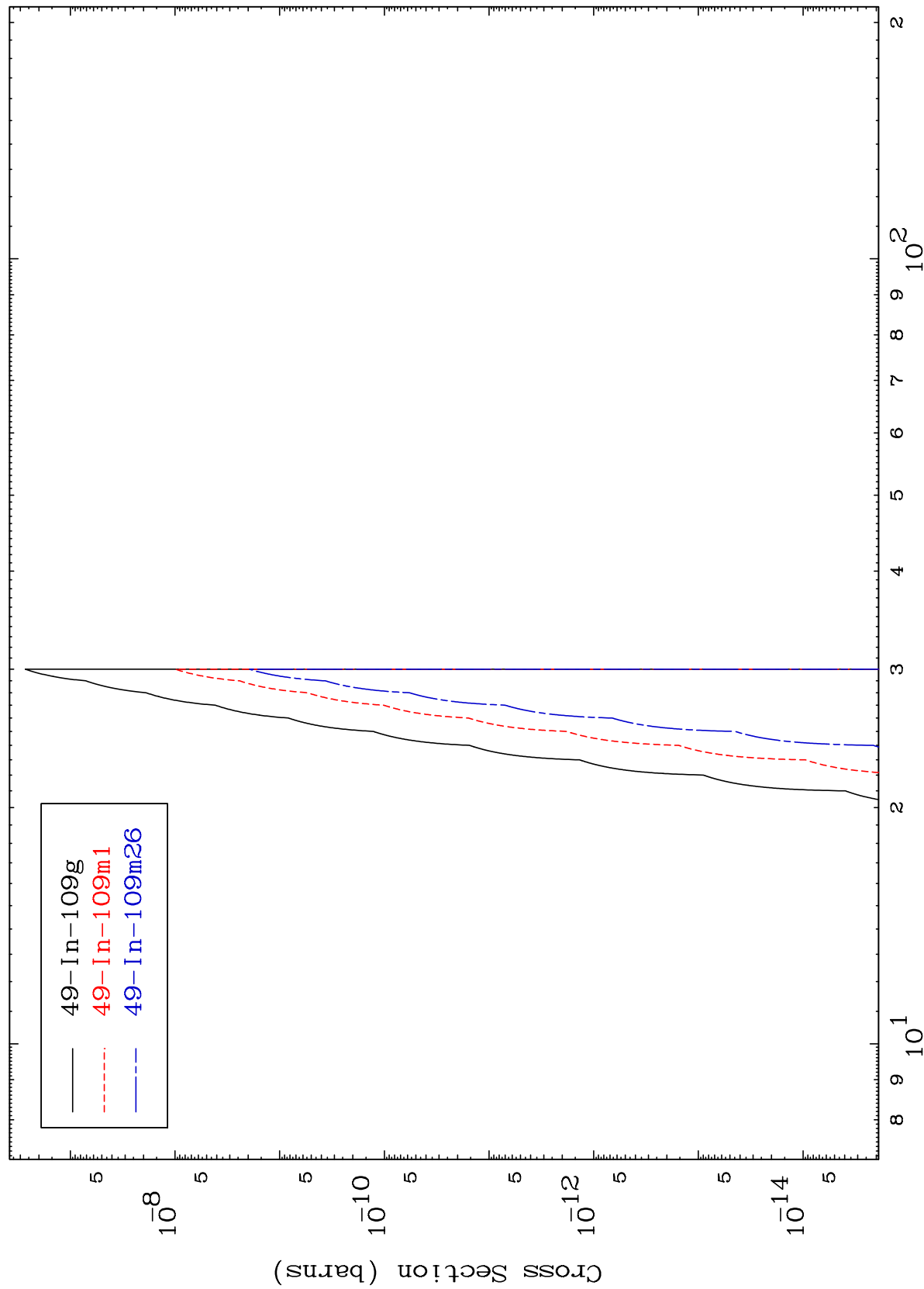
53-I -118

Incident Energy (MeV)

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(n,2n) 2α
Radionuclide Production Cross Section

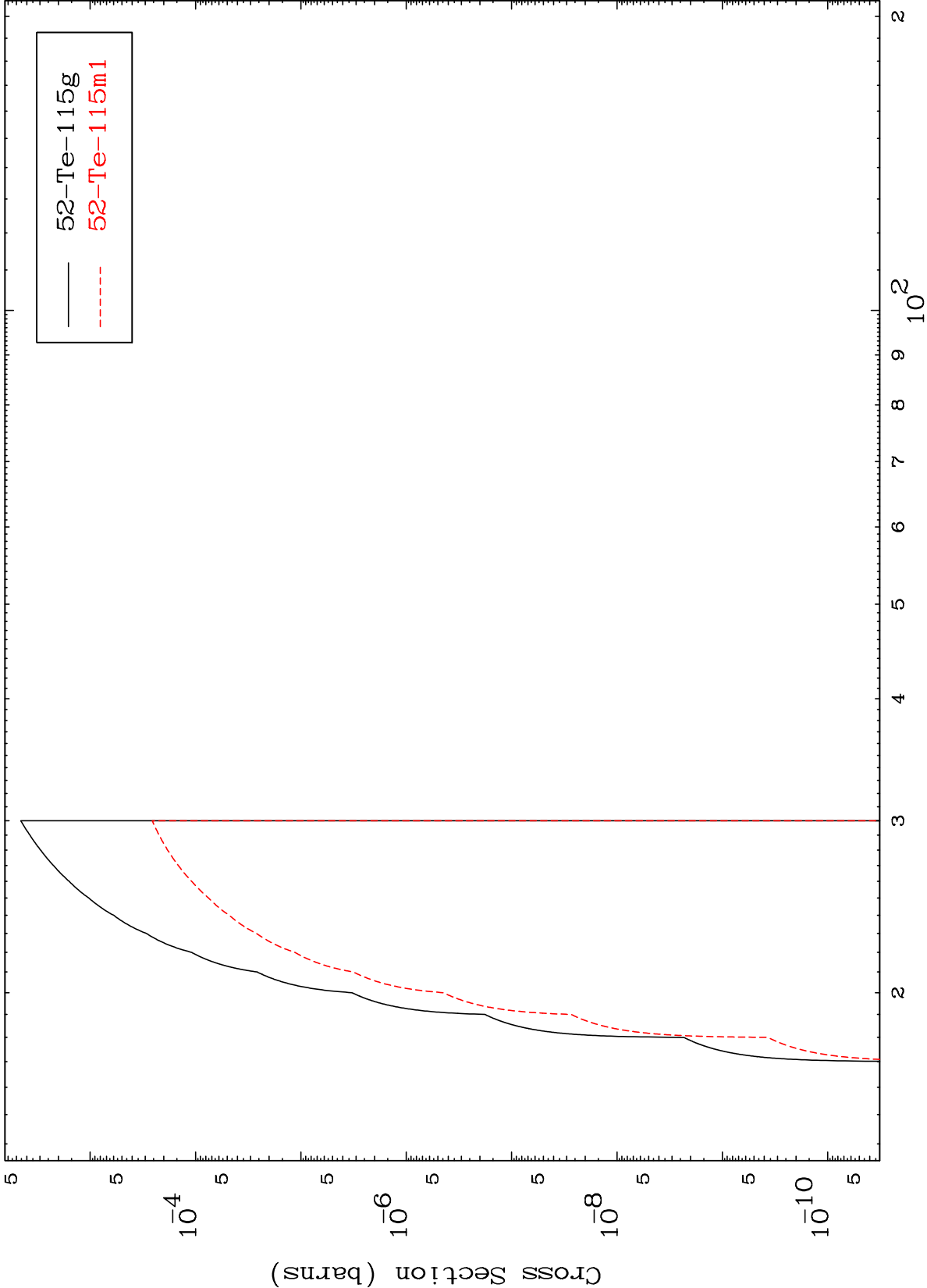


65

Incident Energy (MeV)

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Radionuclide Production Cross Section

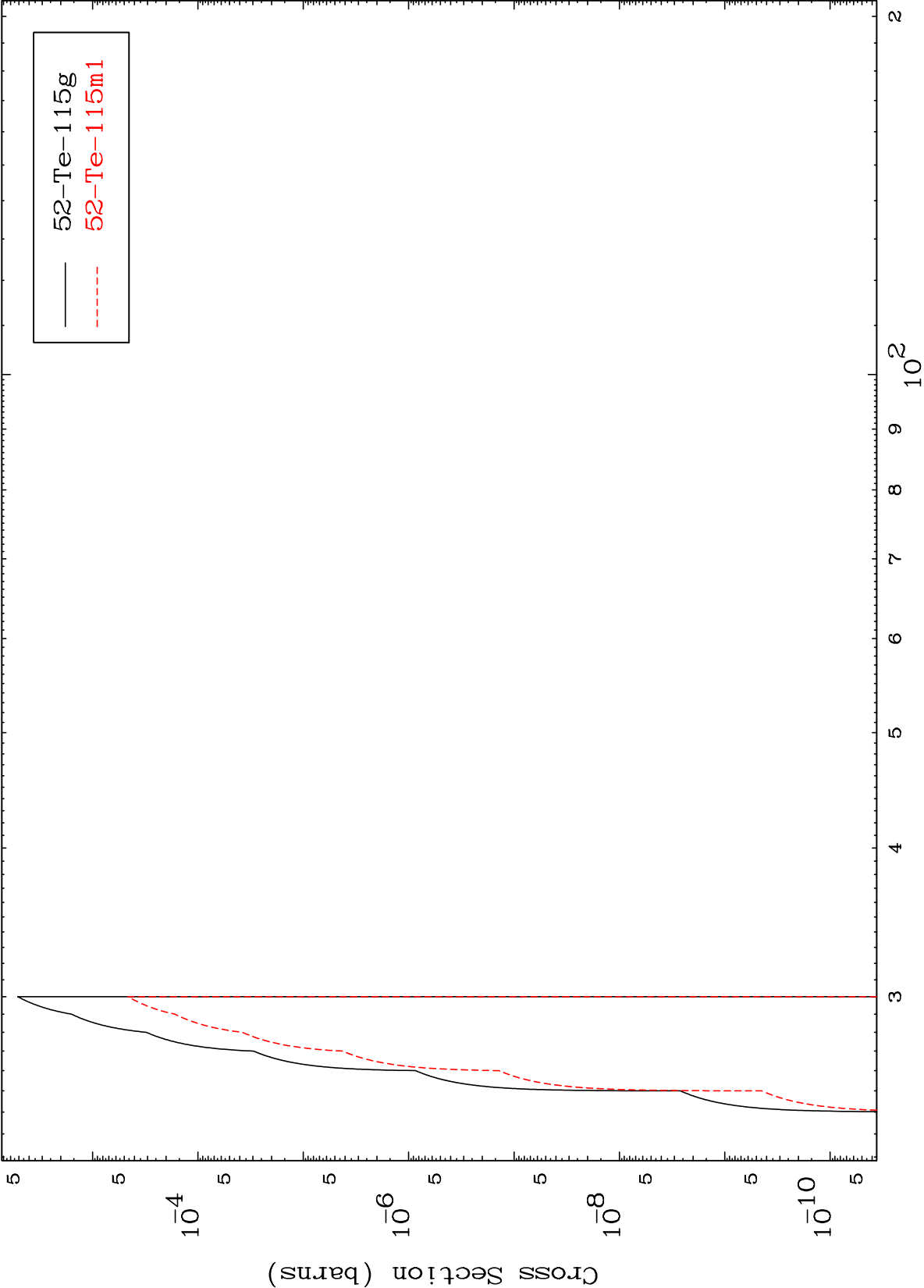


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(n,3n) p

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Radionuclide Production Cross Section



67

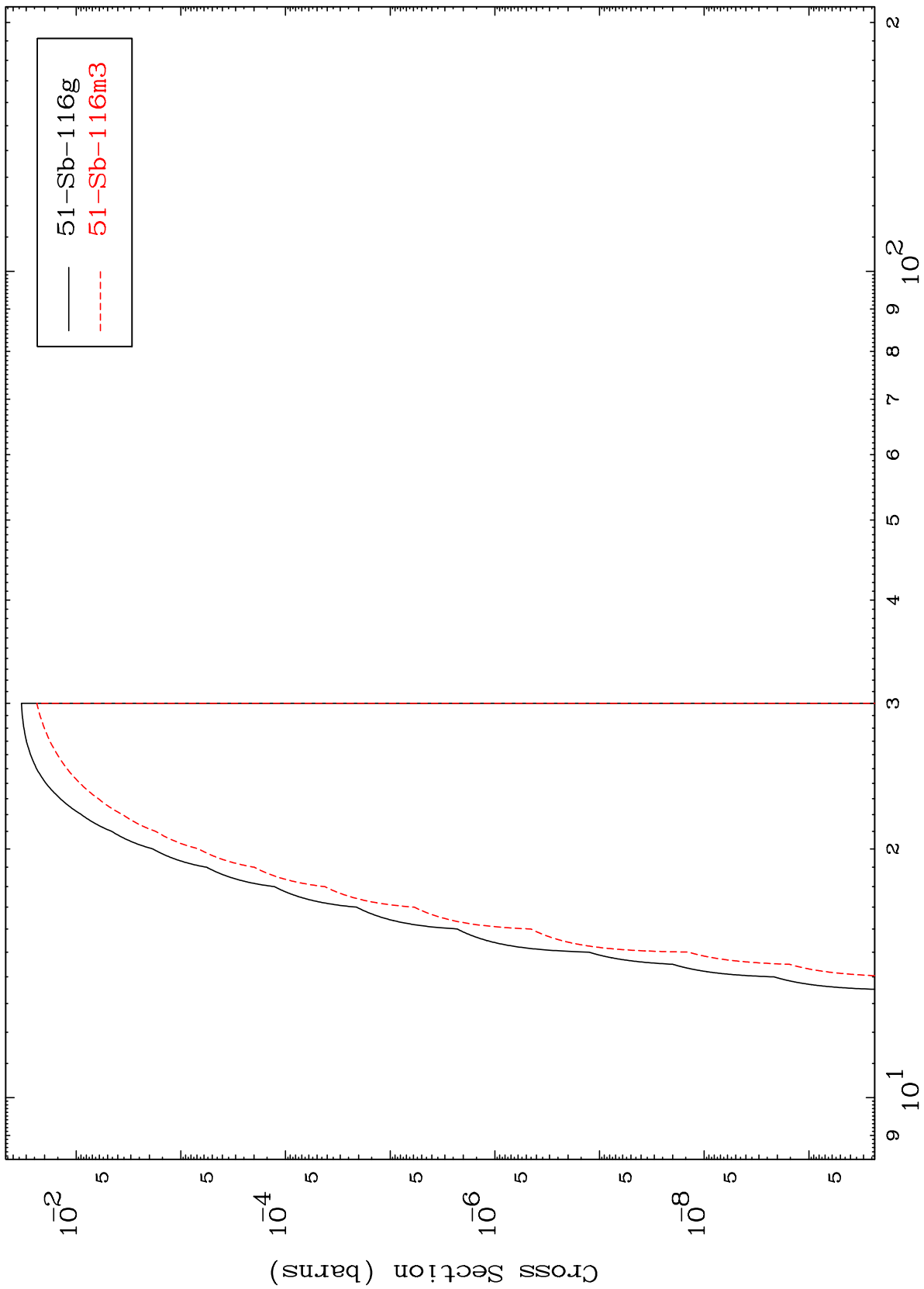
Incident Energy (MeV)

53-I -118

MAT 5298

53-I -118

(n,2n) p
Radionuclide Production Cross Section

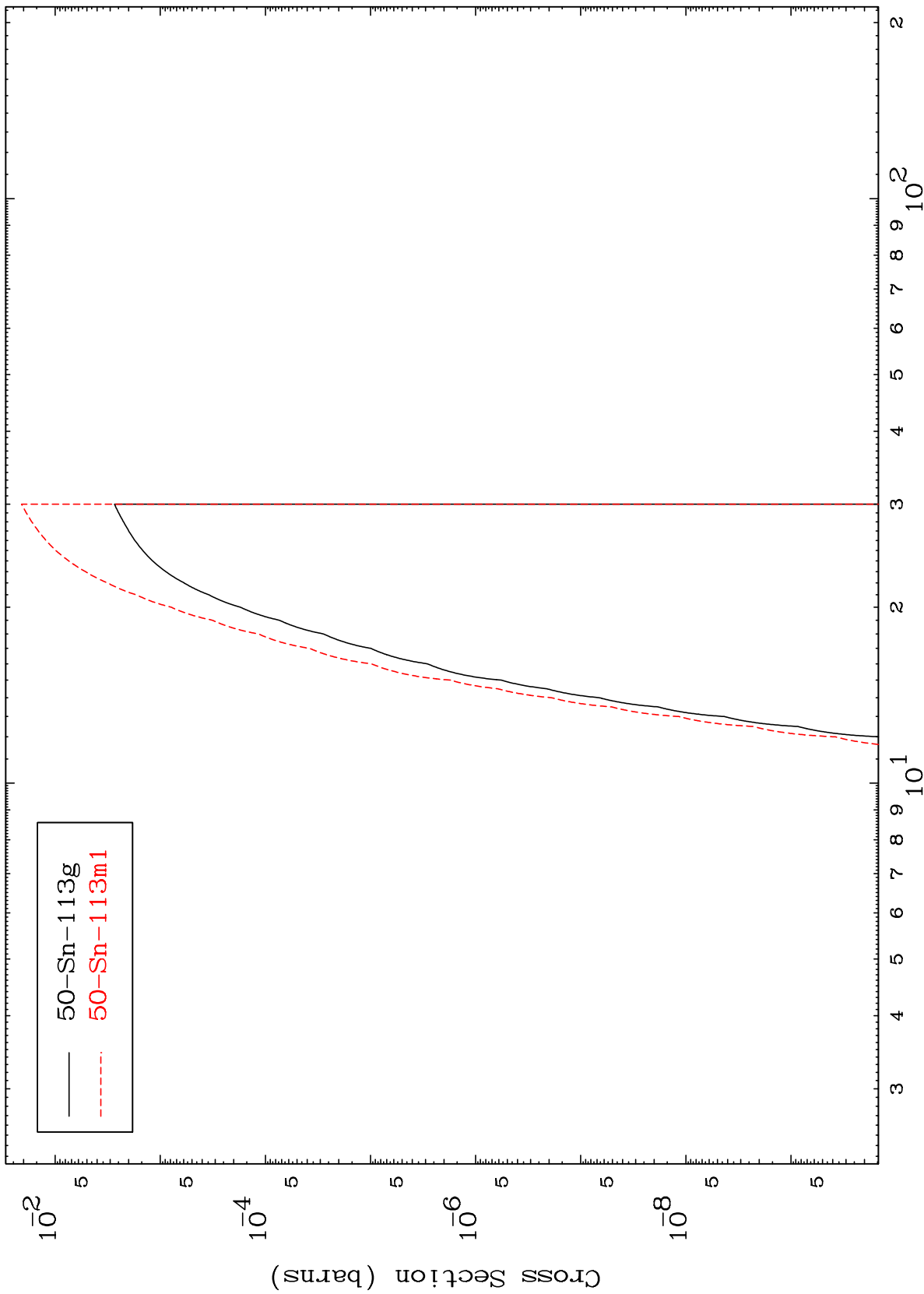


53-I -118

Incident Energy (MeV)

68

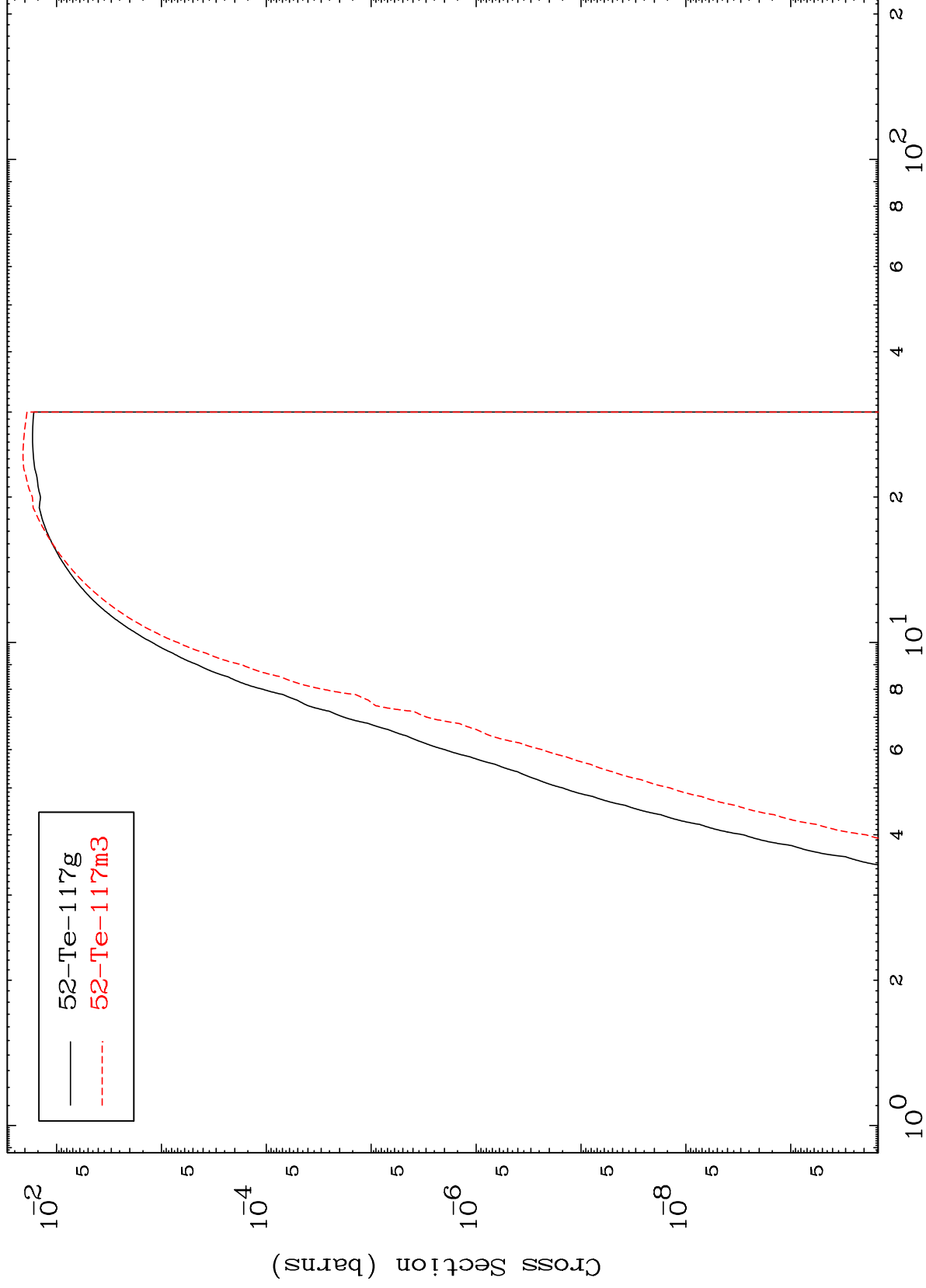
Radionuclide Production Cross Section



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Radionuclide Production Cross Section



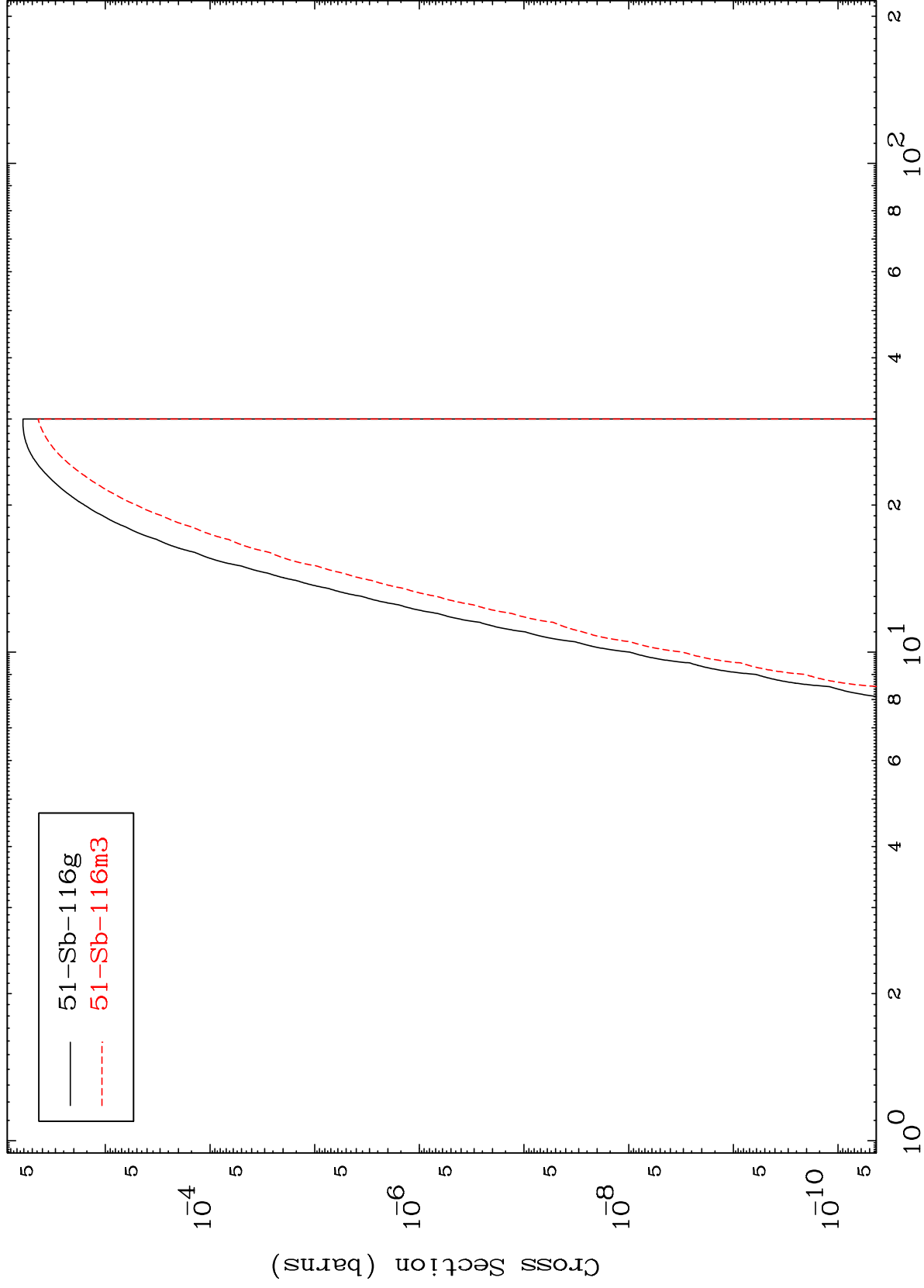
Incident Energy (MeV)

53-I -118

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53-I -118

Radionuclide Production Cross Section



53-I -118

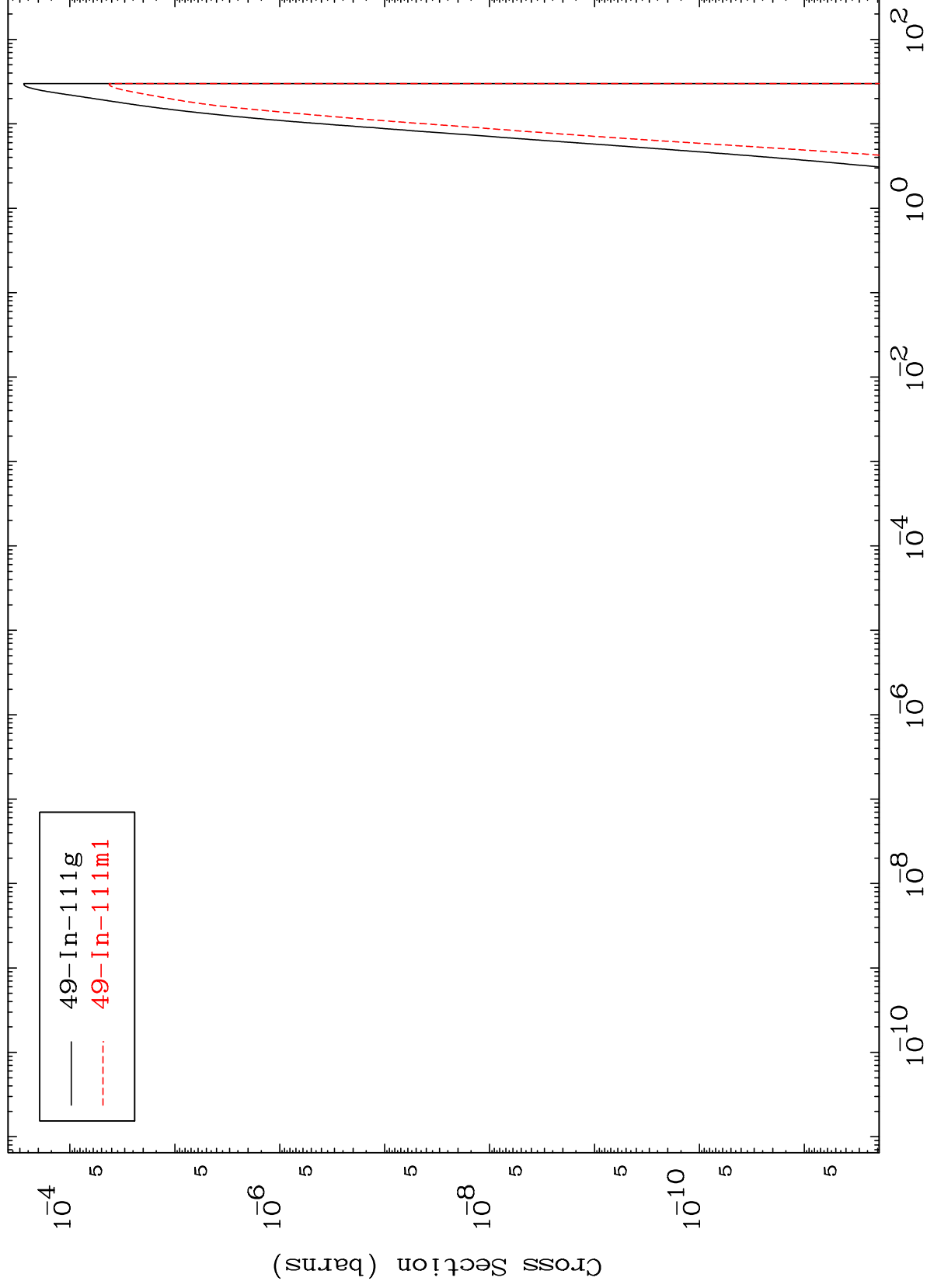
Incident Energy (MeV)

71

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53-I -118

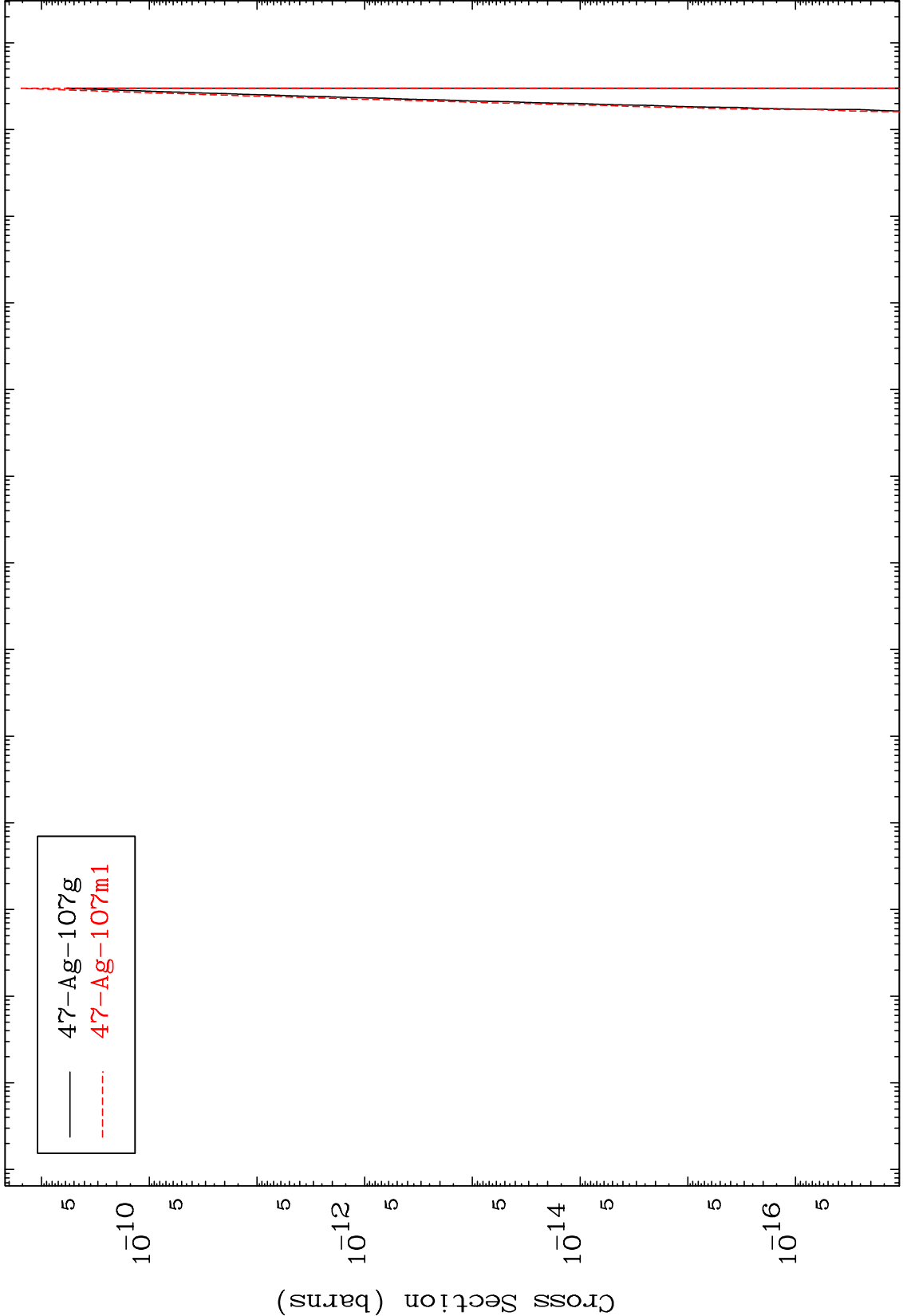
Radionuclide Production Cross Section
(n,2 α)



72

53-I -118

Radionuclide Production Cross Section

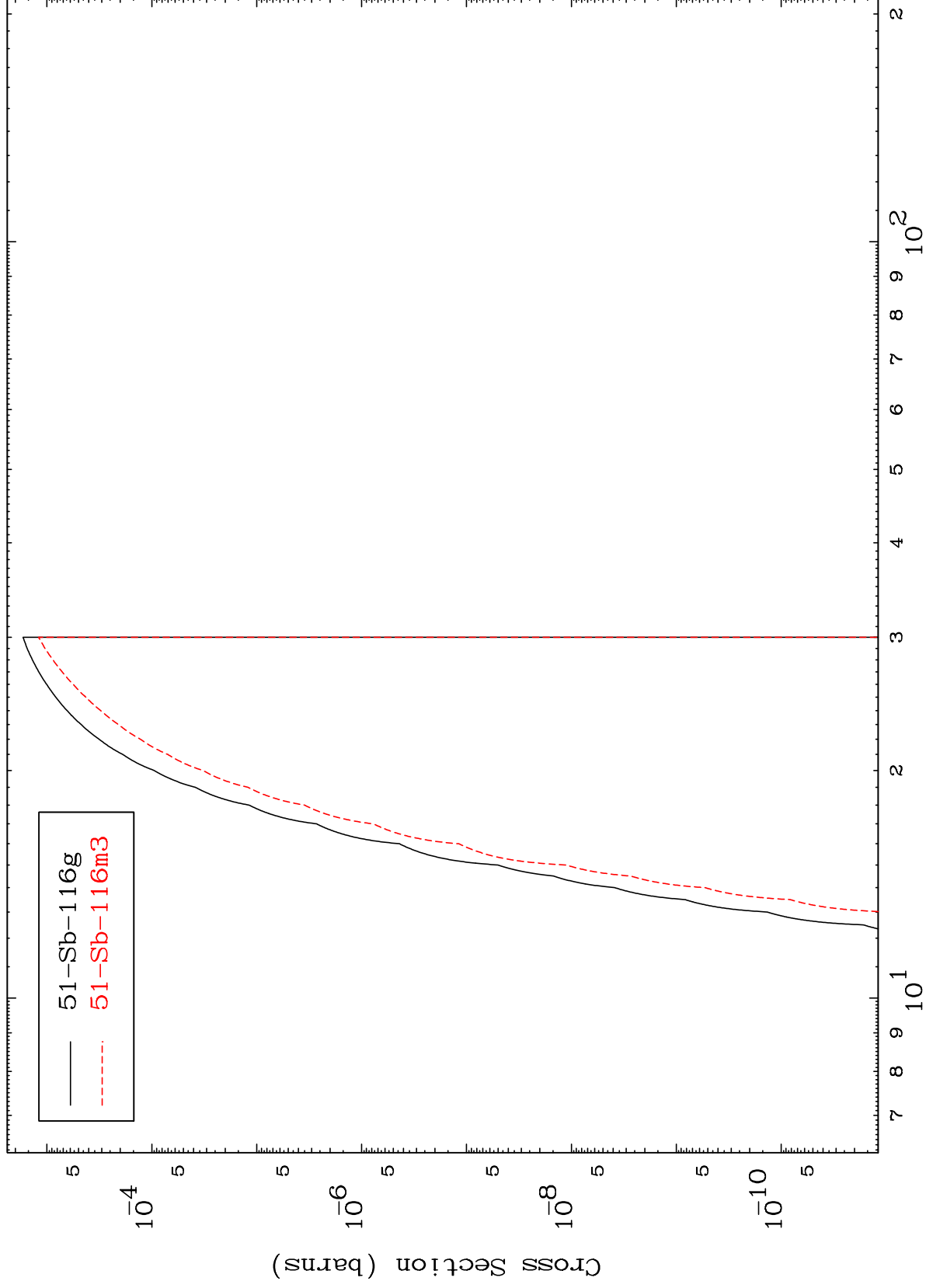


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(n,p) d

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Radionuclide Production Cross Section



74

Incident Energy (MeV)

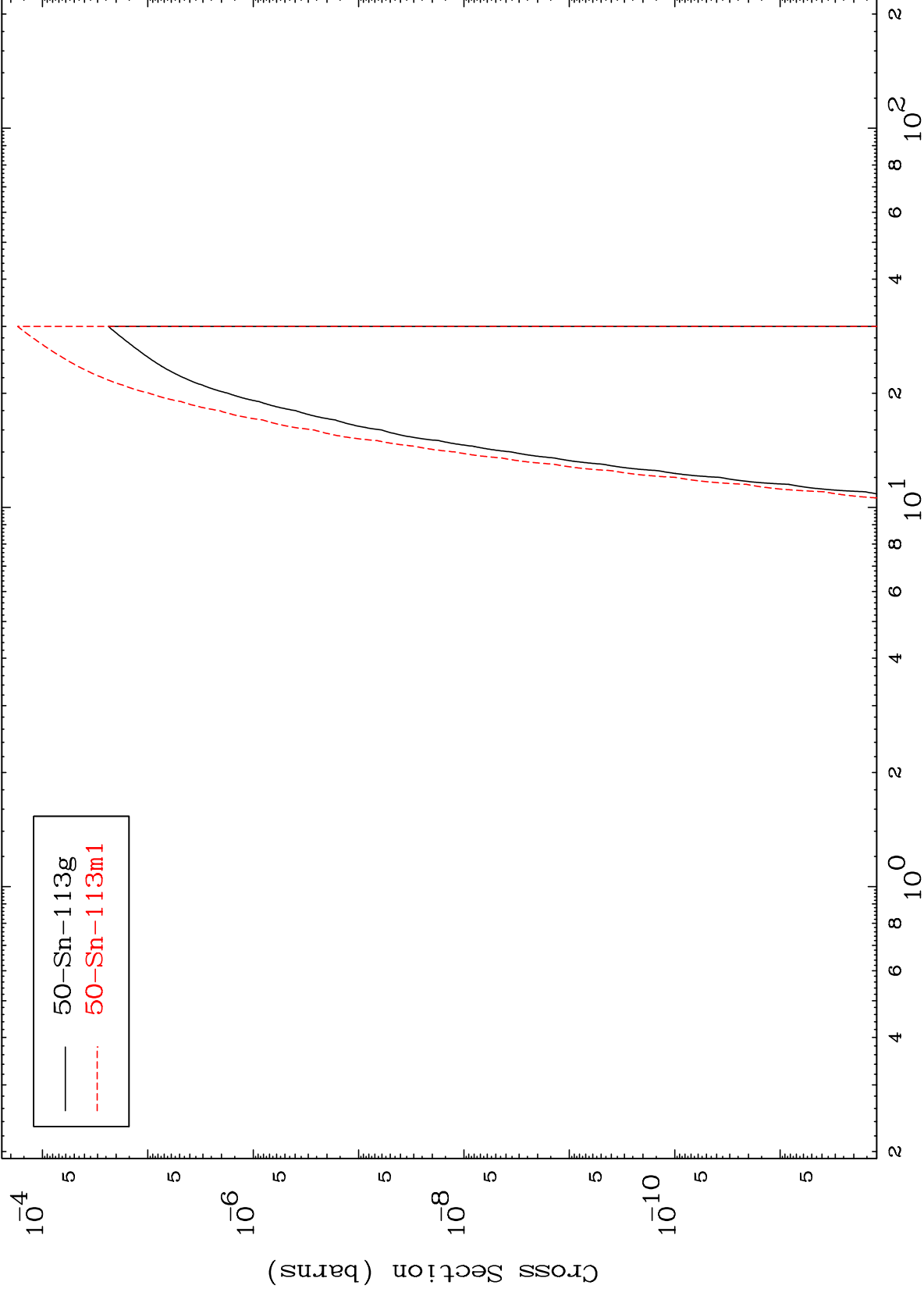
53-I -118

MAT 5298

(n,d) α

53-I -118

Radionuclide Production Cross Section



75

Incident Energy (MeV)

53-I -118