

Program EVALPLOT
(Version 2021-1)

by

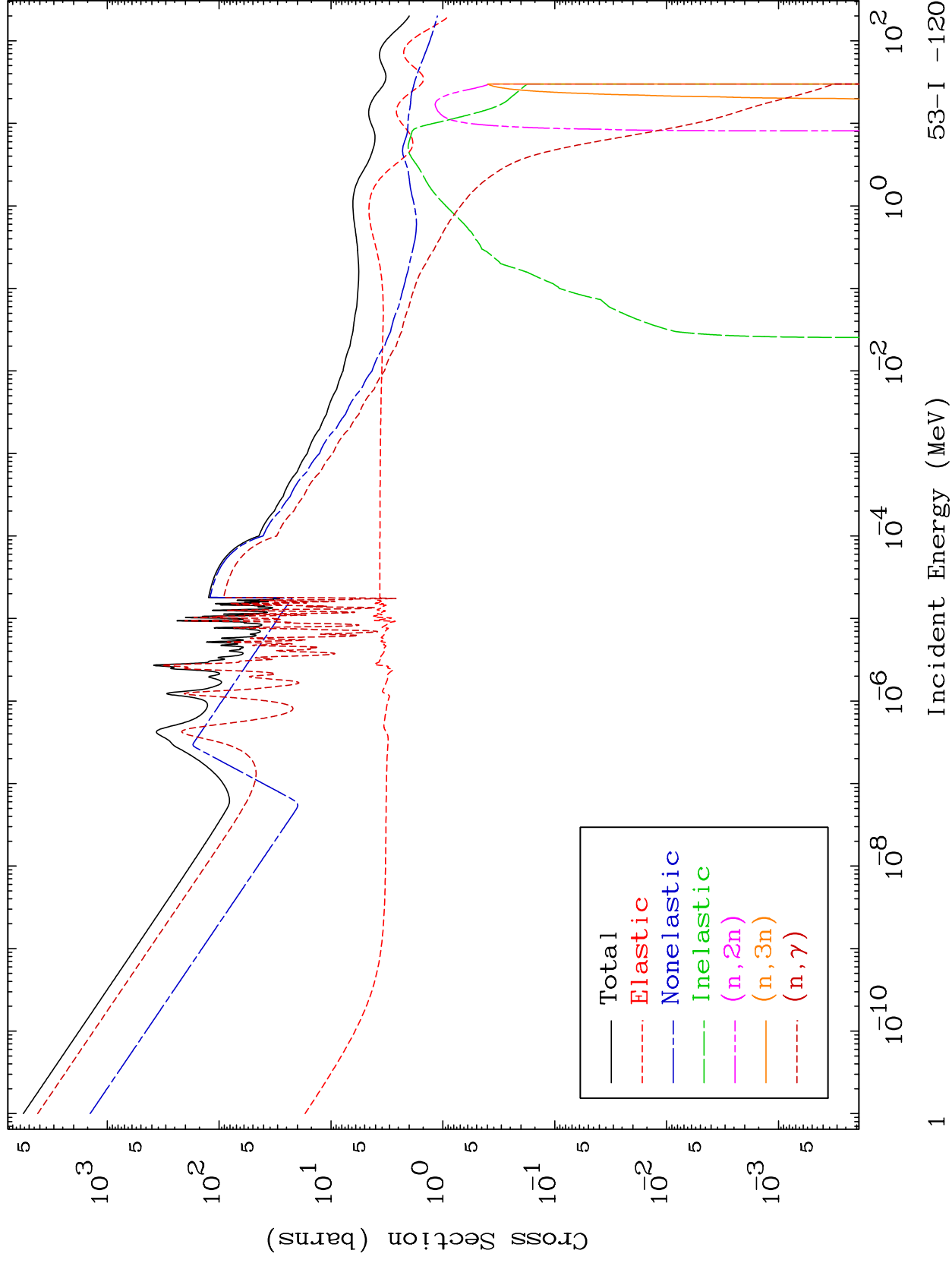
Dermott E. Cullen
(Present Contact Information)

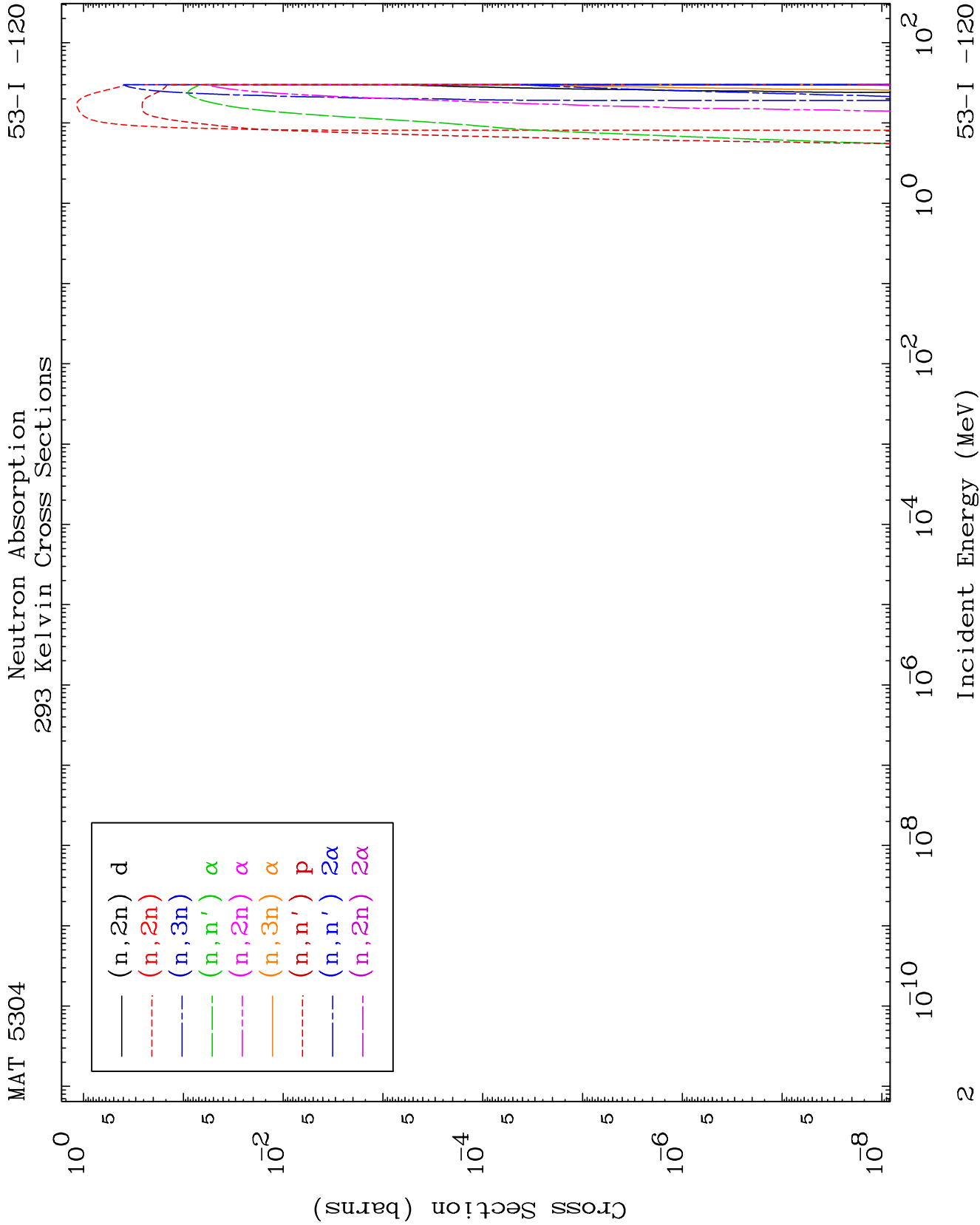
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

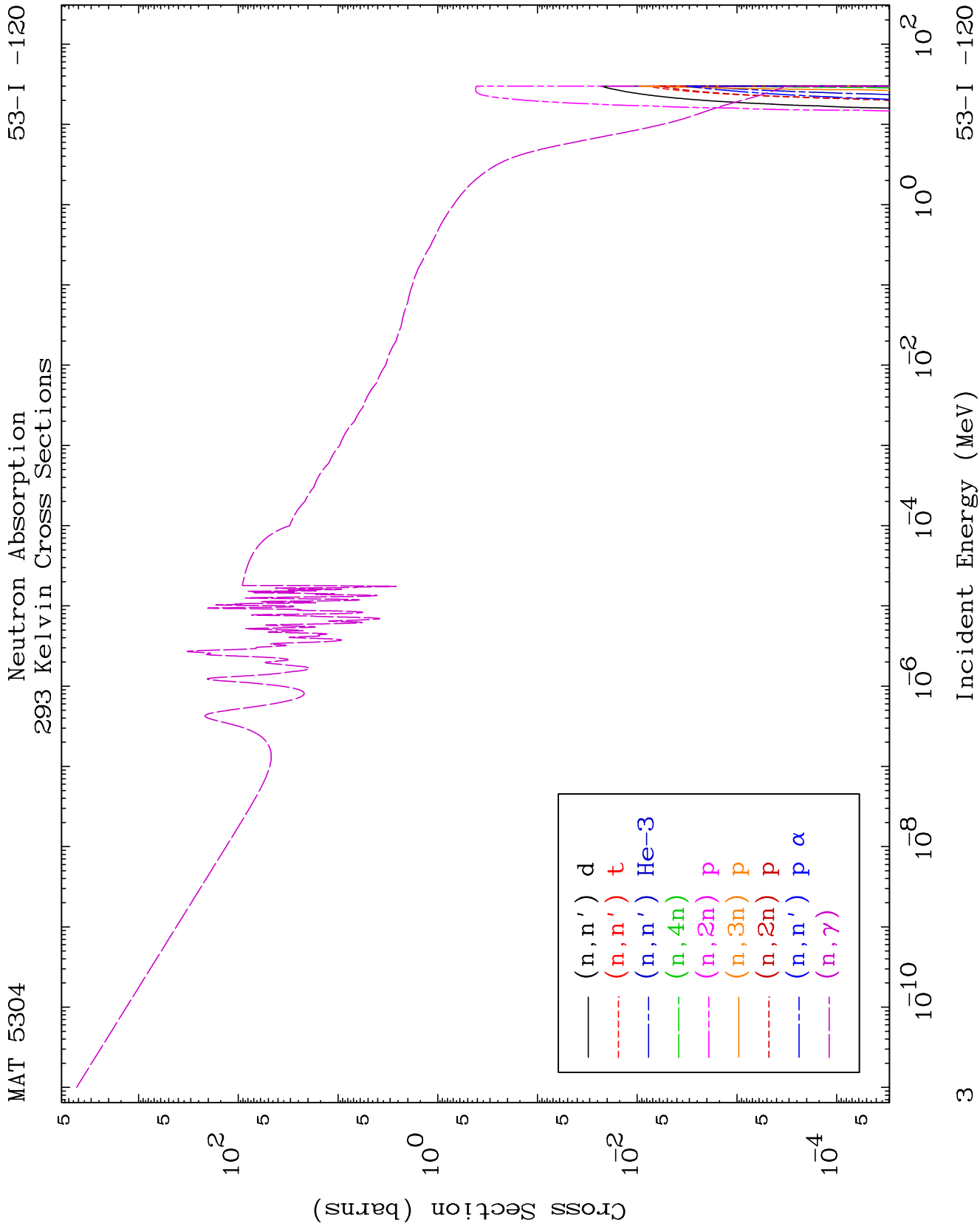
Tele: 925-443-1911

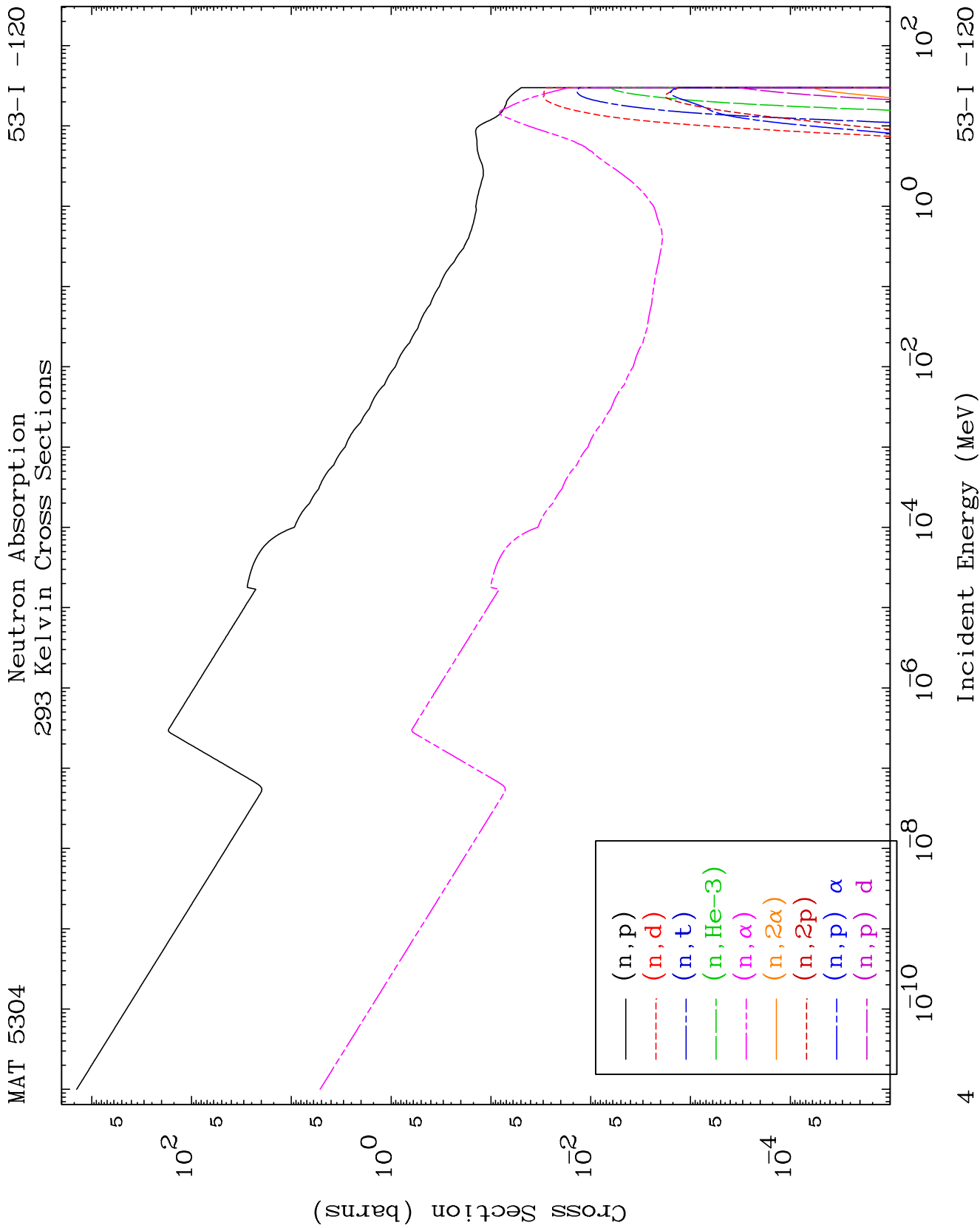
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





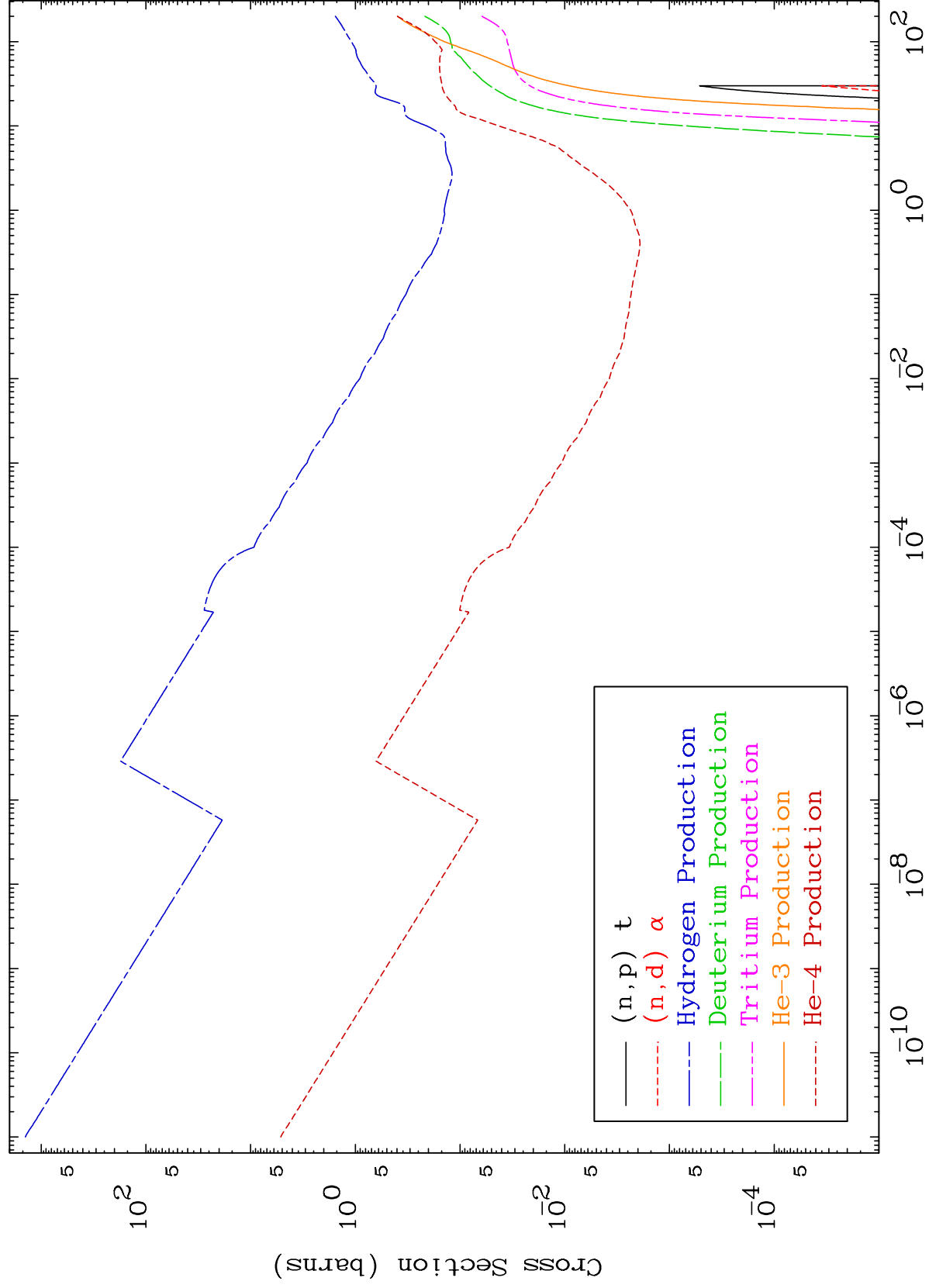




MAT 5304

Neutron Absorption
293 Kelvin Cross Sections

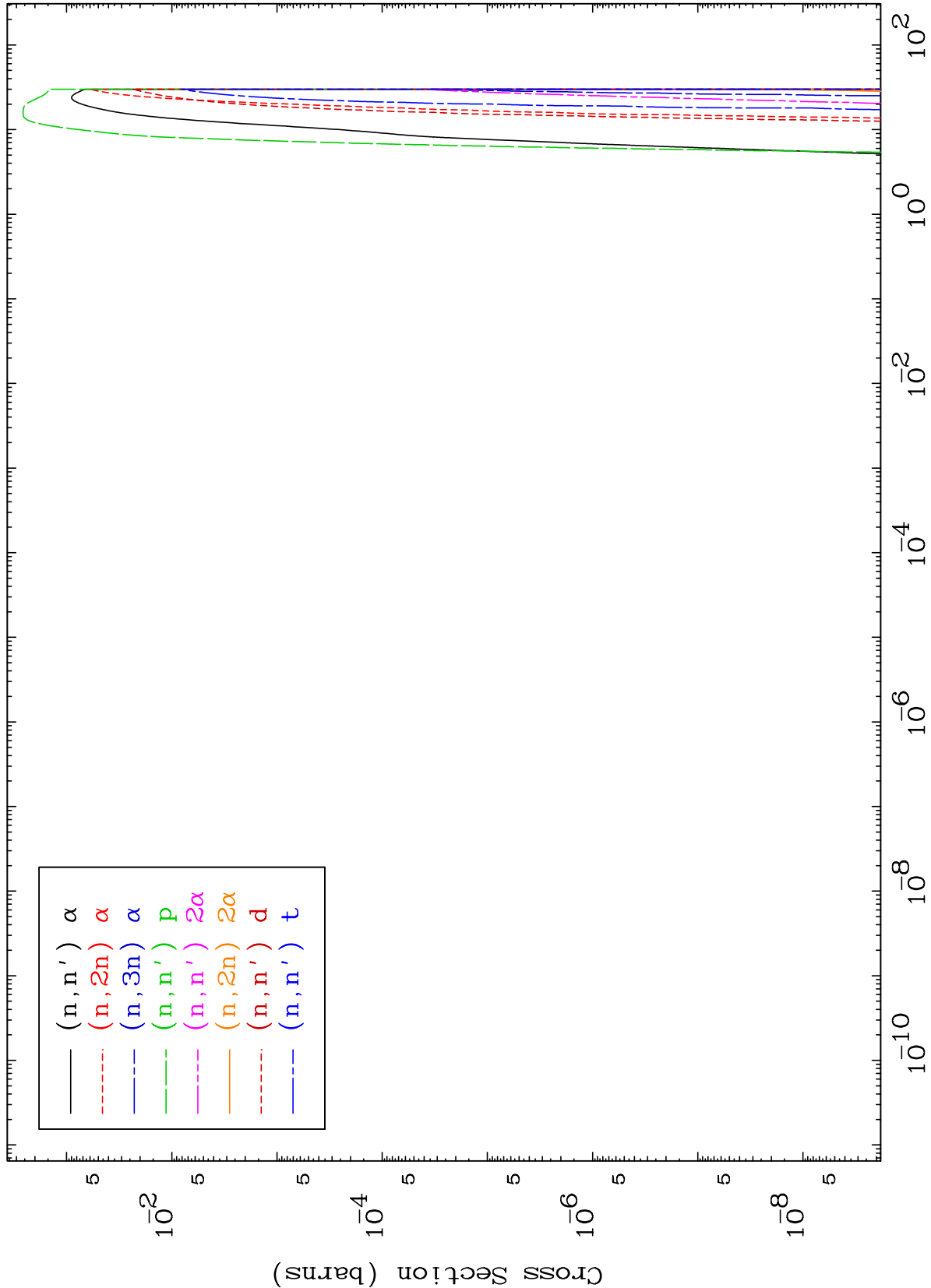
53-I -120

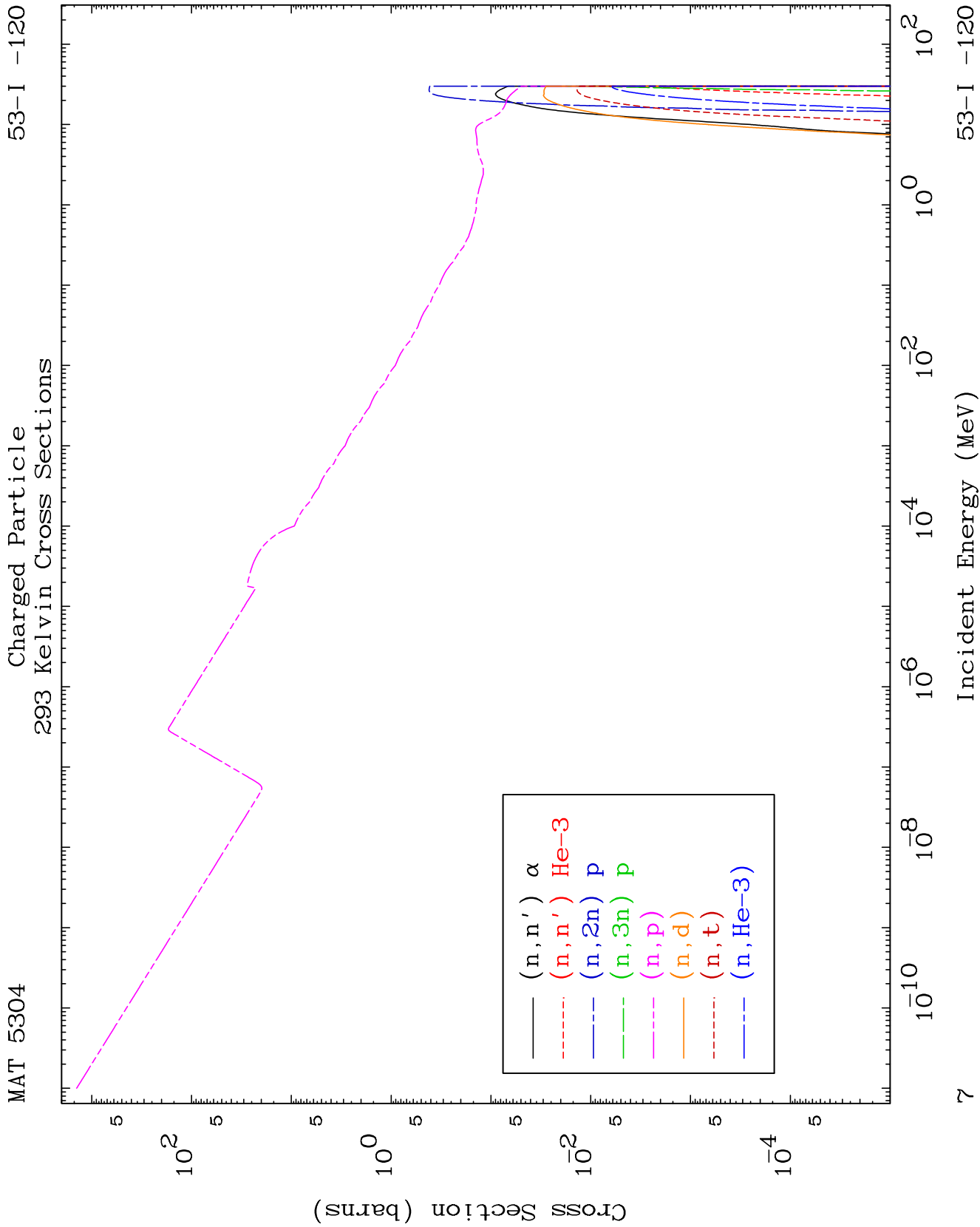


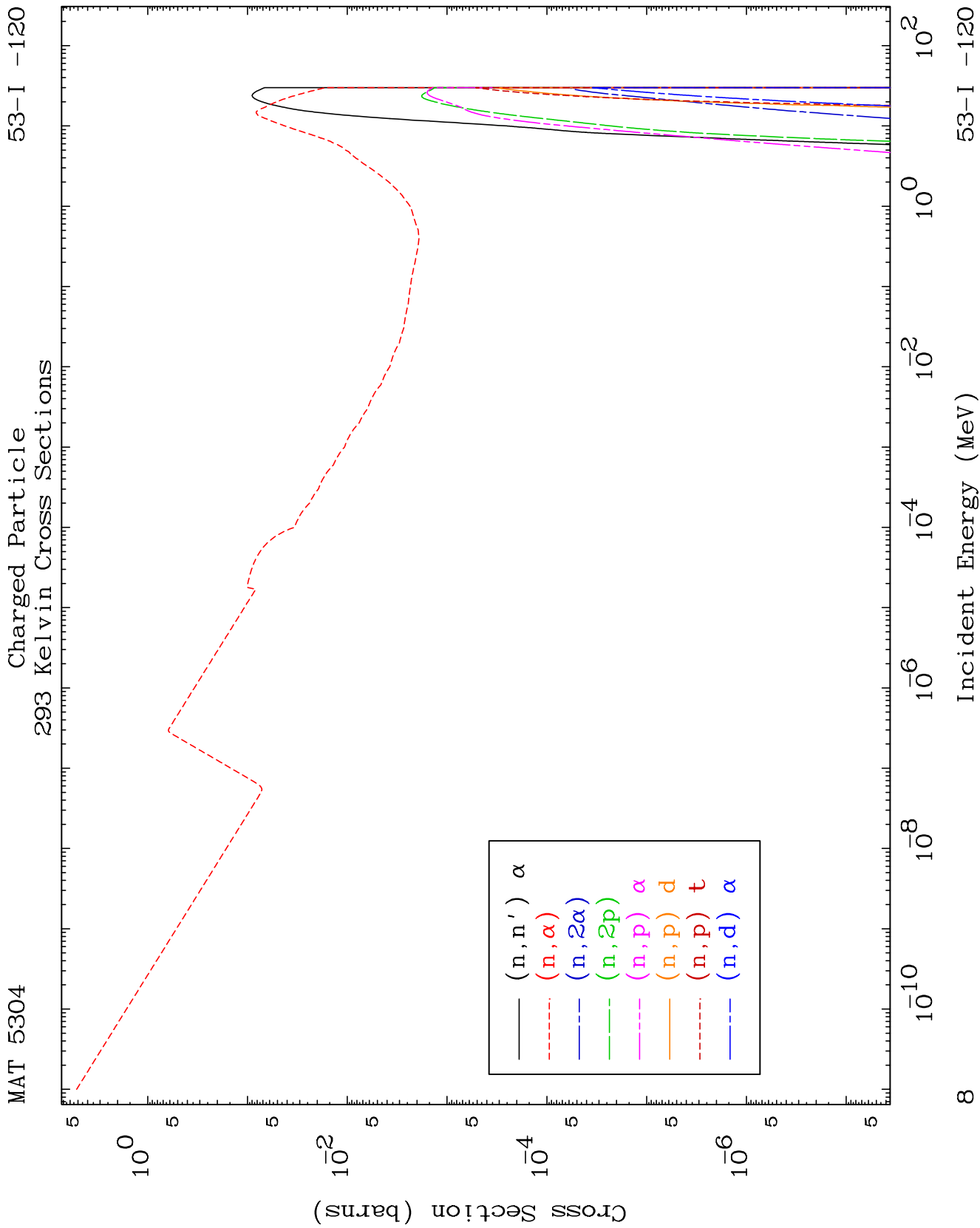
53-I -120

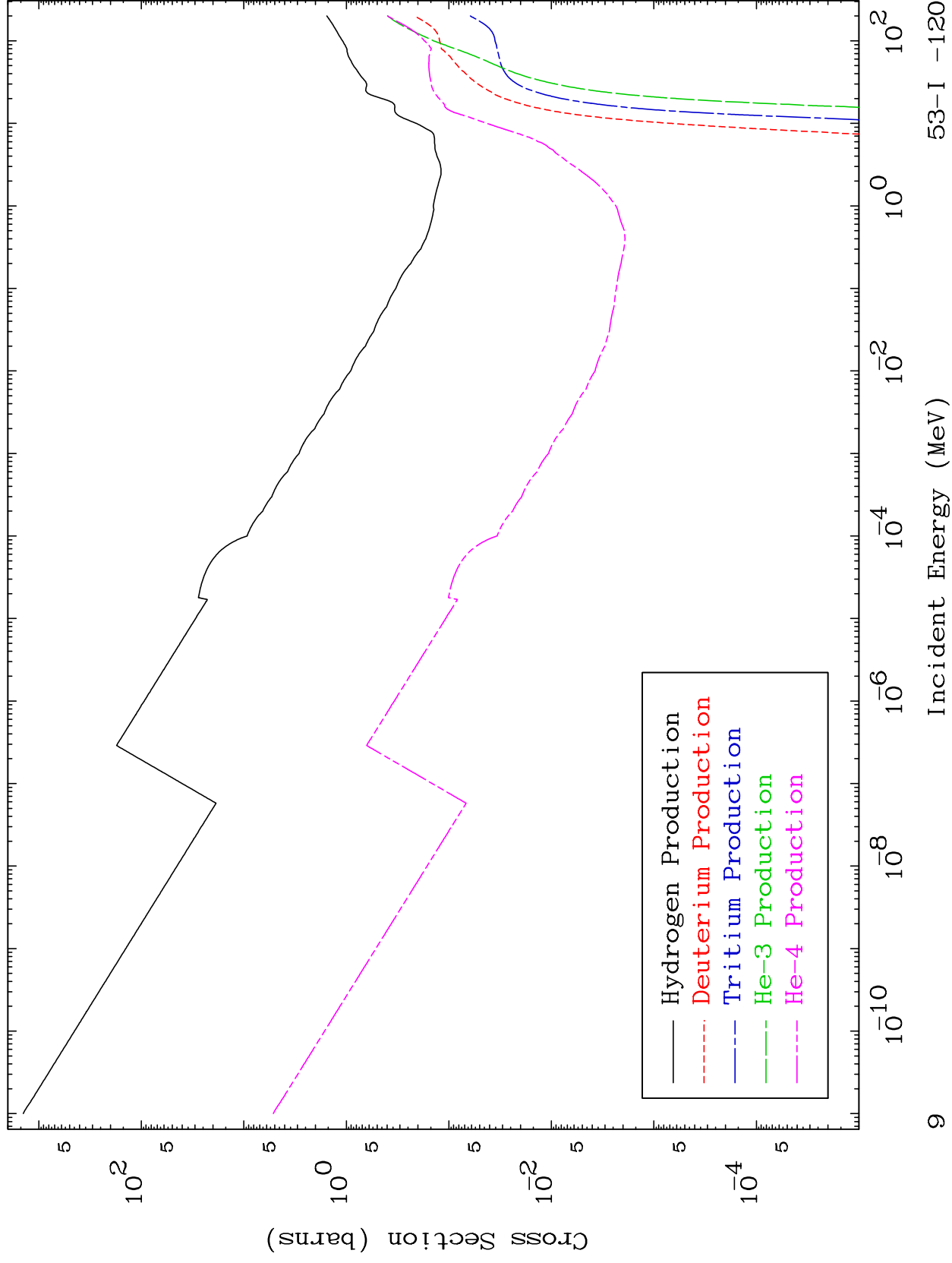
Incident Energy (MeV)

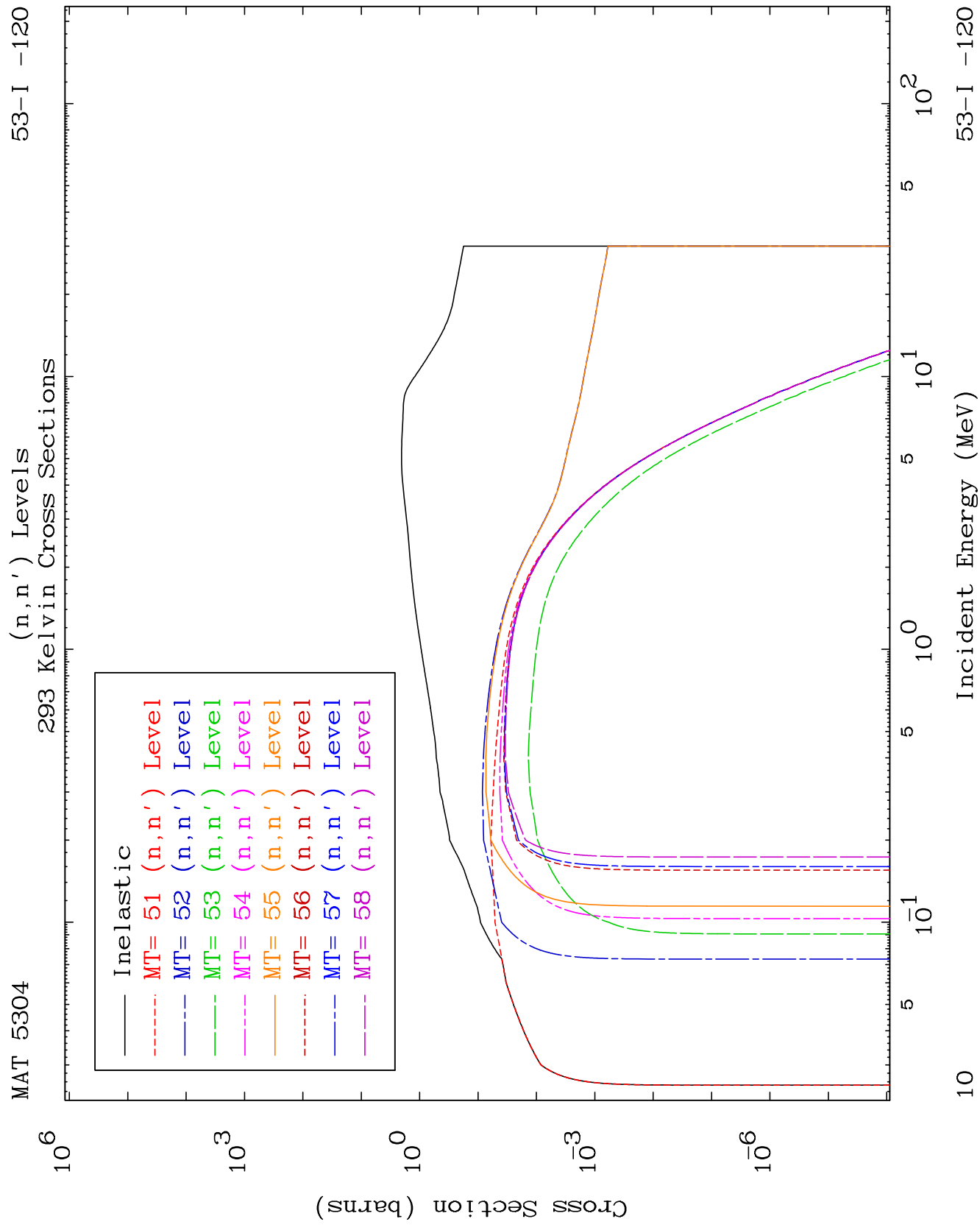
5

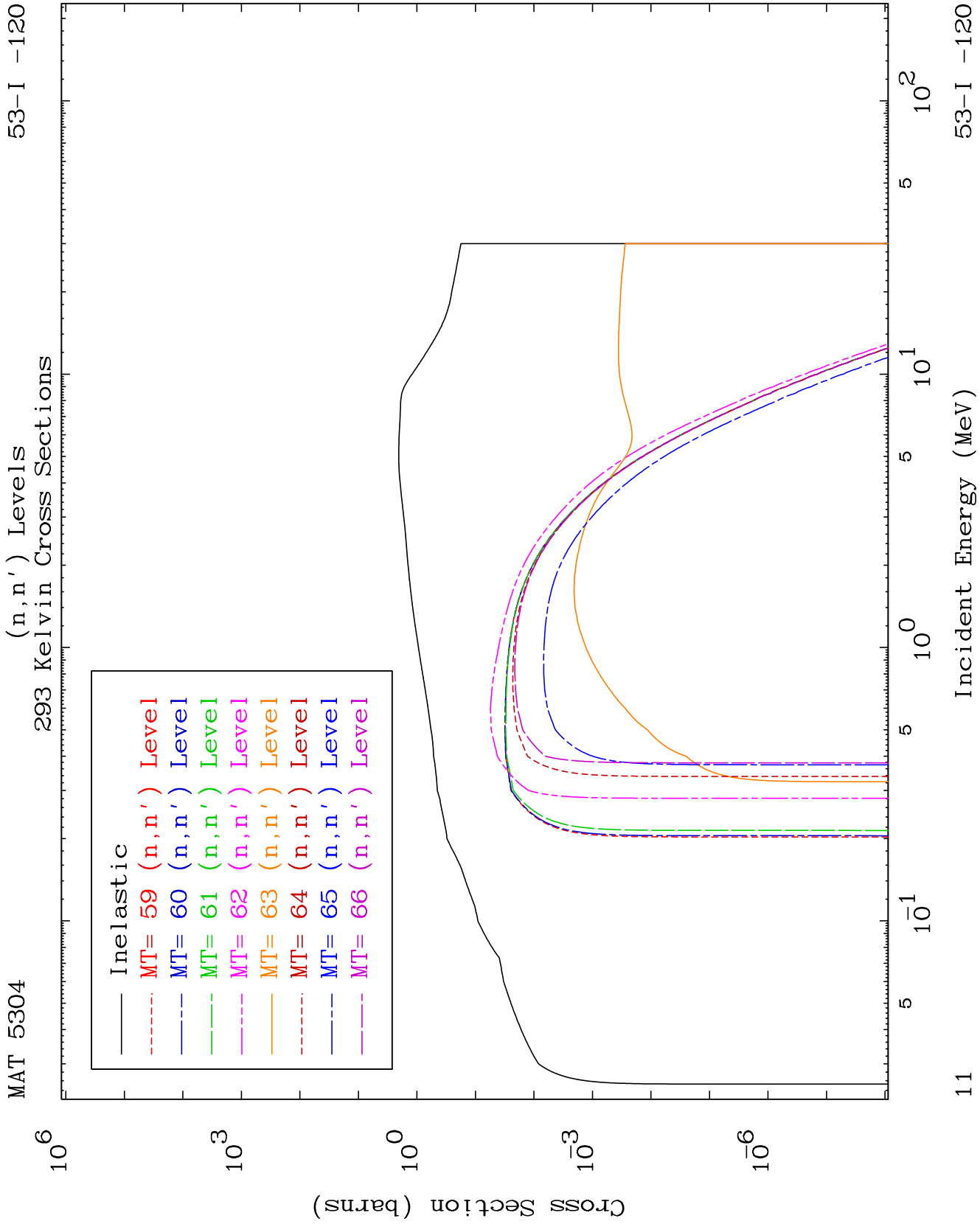








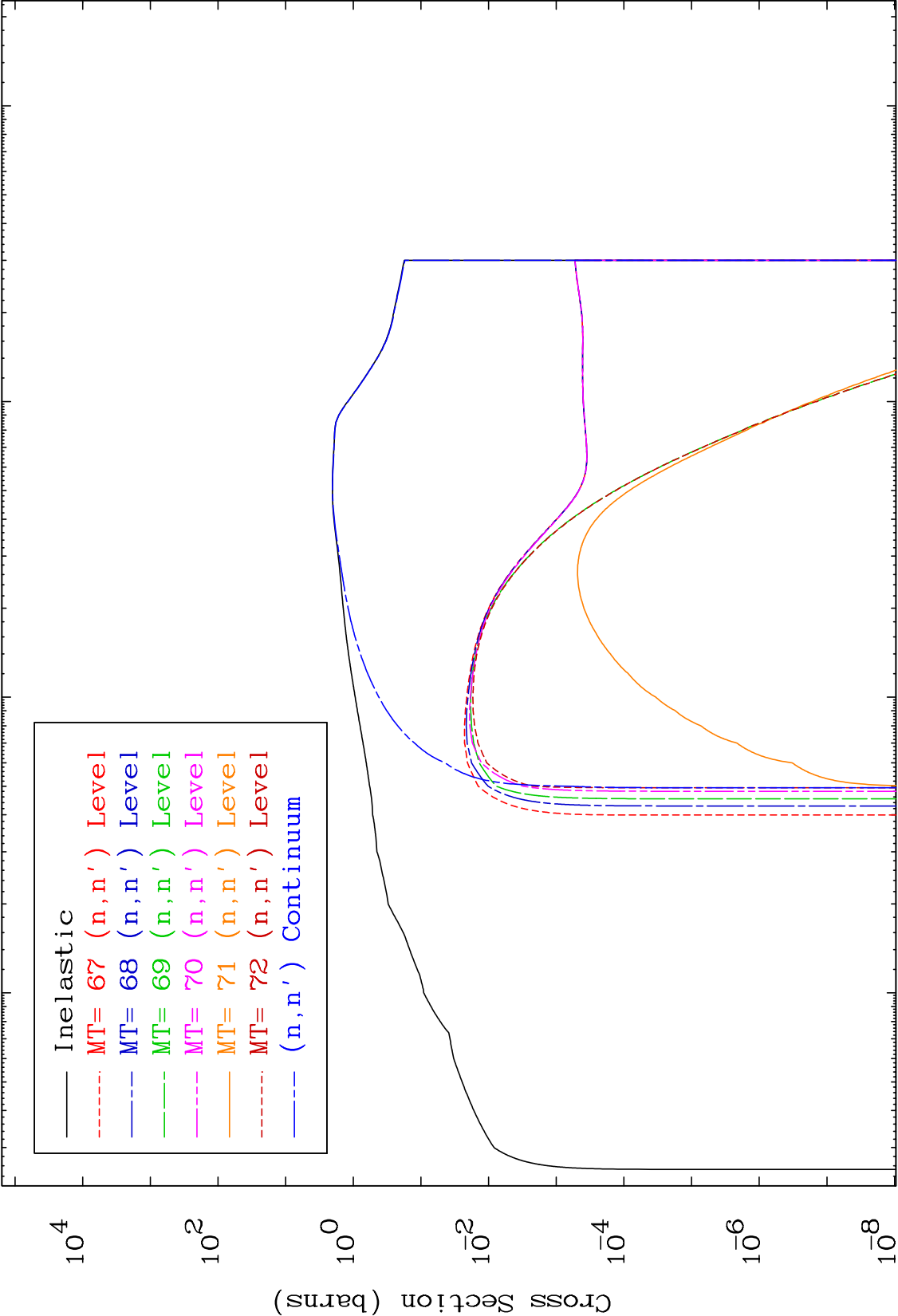




MAT 5304

(n,n') Levels
293 Kelvin Cross Sections

53-I -120



12

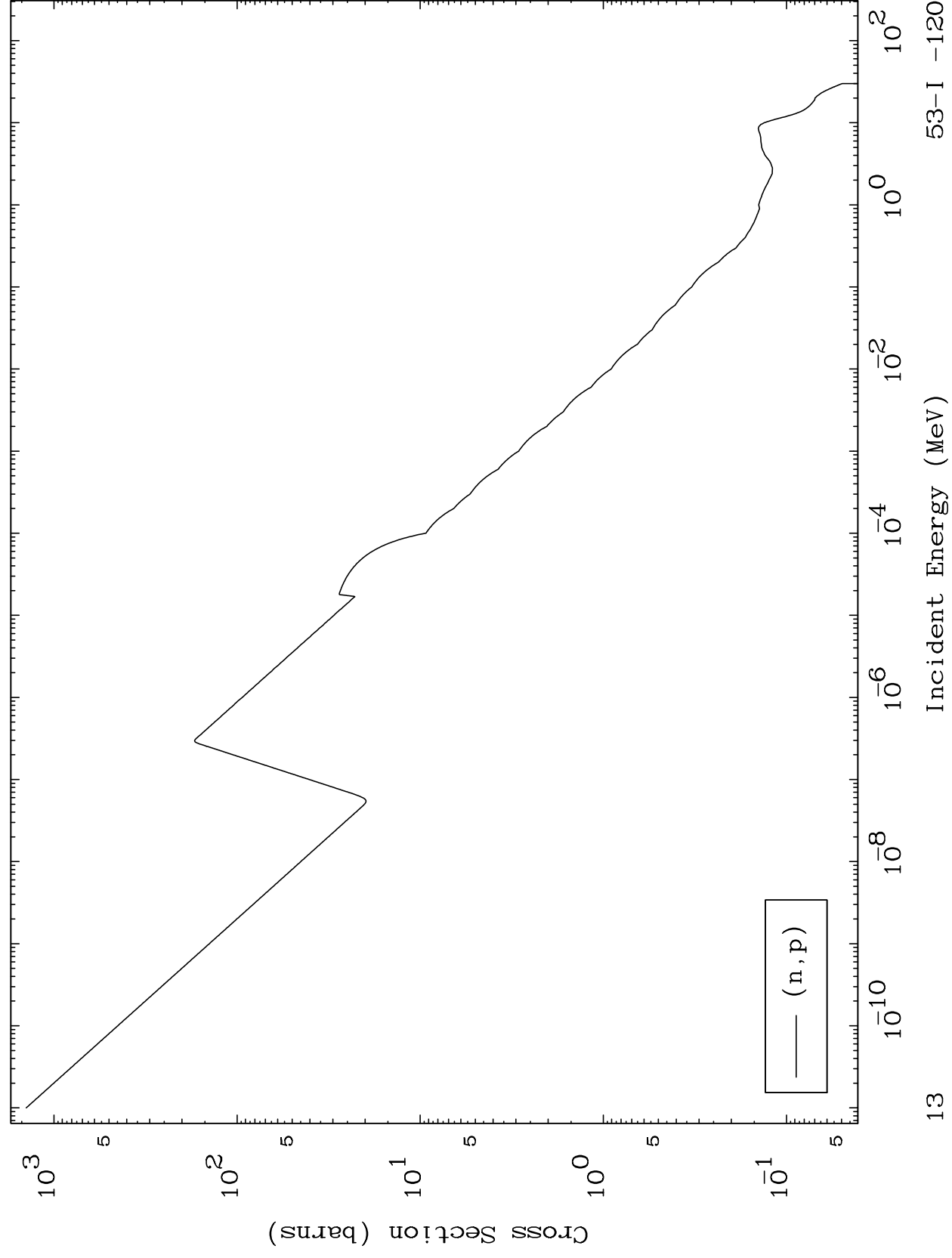
Incident Energy (MeV)

53-I -120

MAT 5304

(n, p) Levels
293 Kelvin Cross Sections

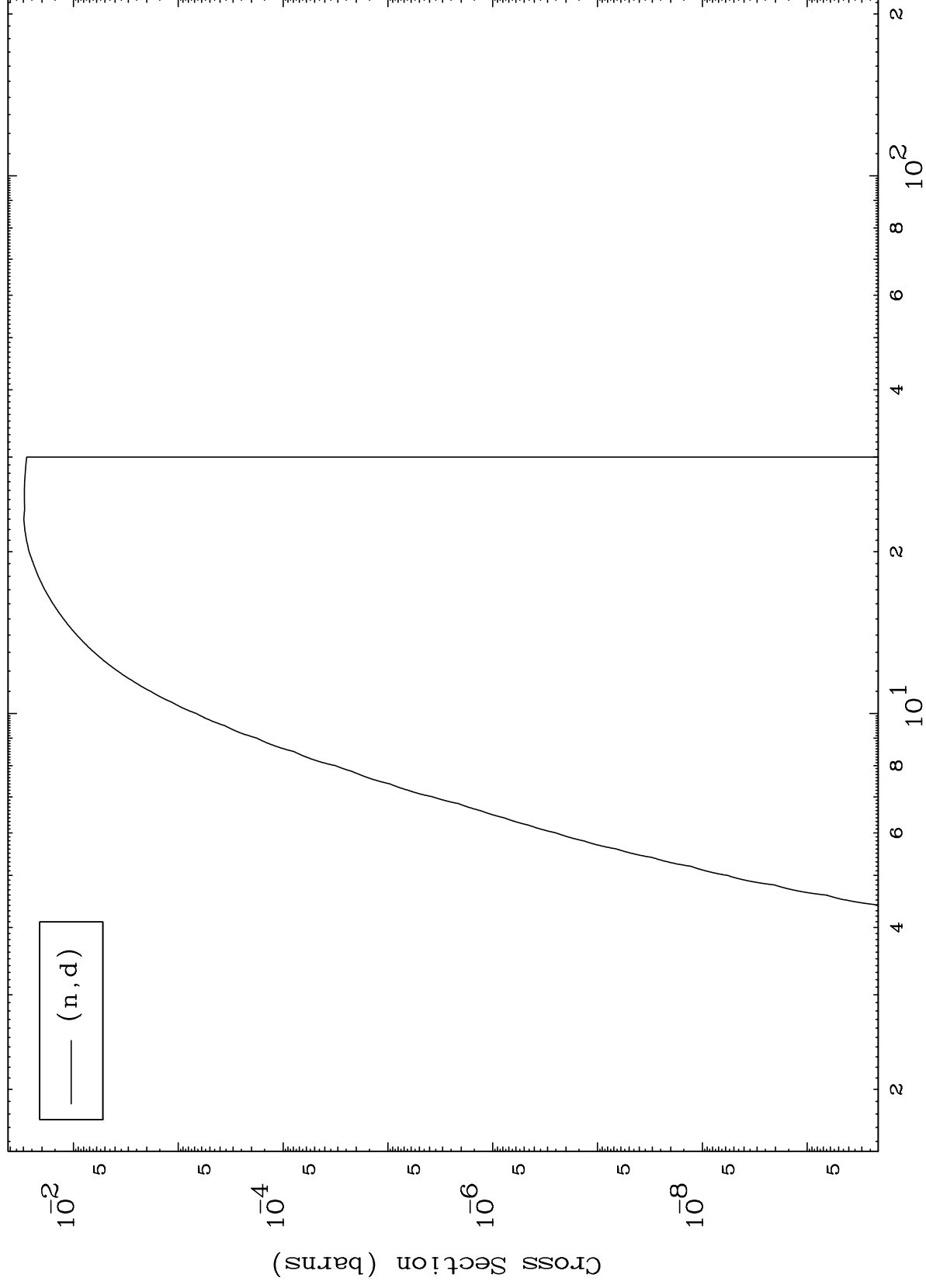
53-I -120



MAT 5304

(n,d) Levels
293 Kelvin Cross Sections

53-I -120



14

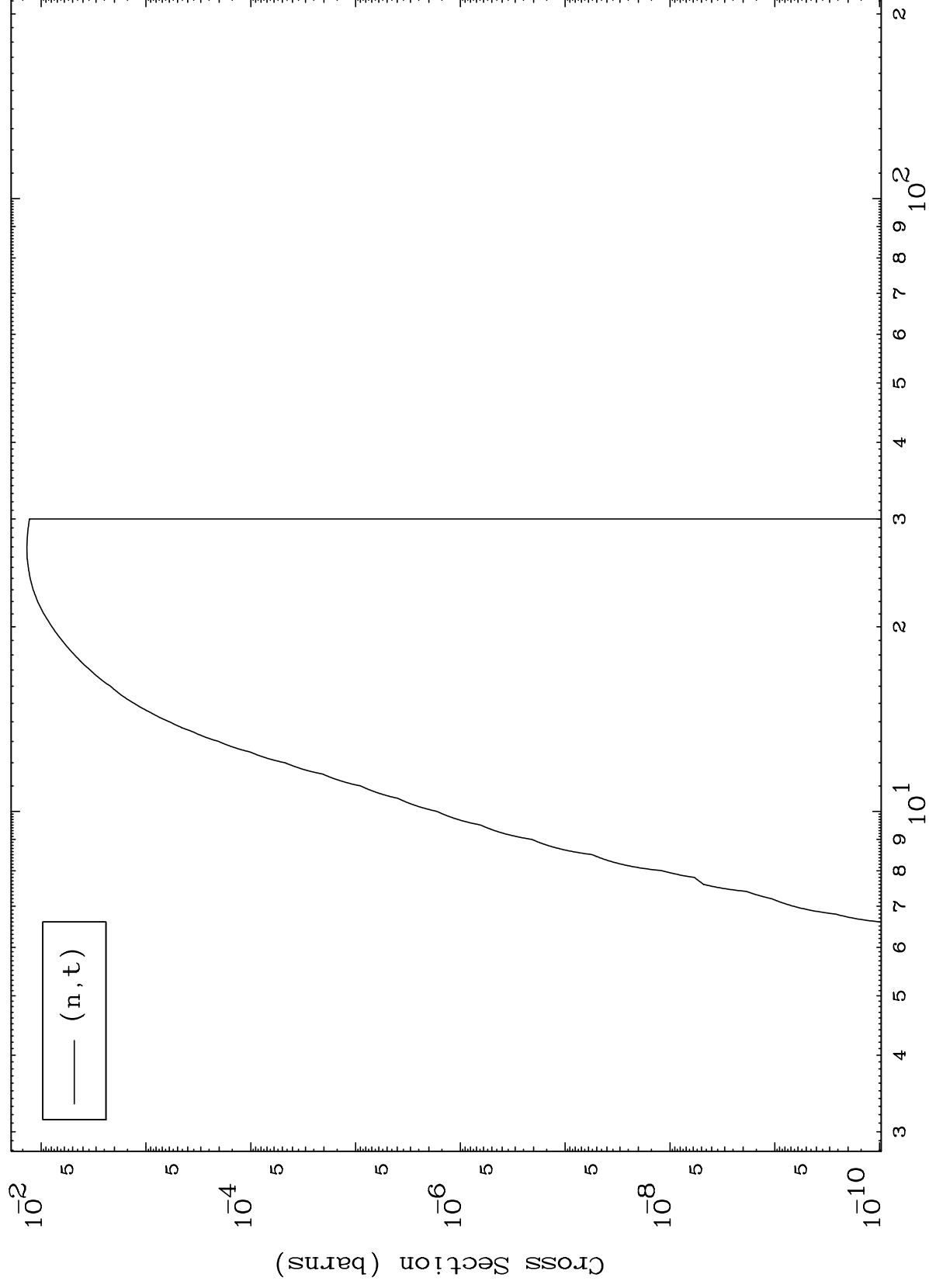
Incident Energy (MeV)

53-I -120

MAT 5304

(n,t) Levels
293 Kelvin Cross Sections

53-I -120



Incident Energy (MeV)

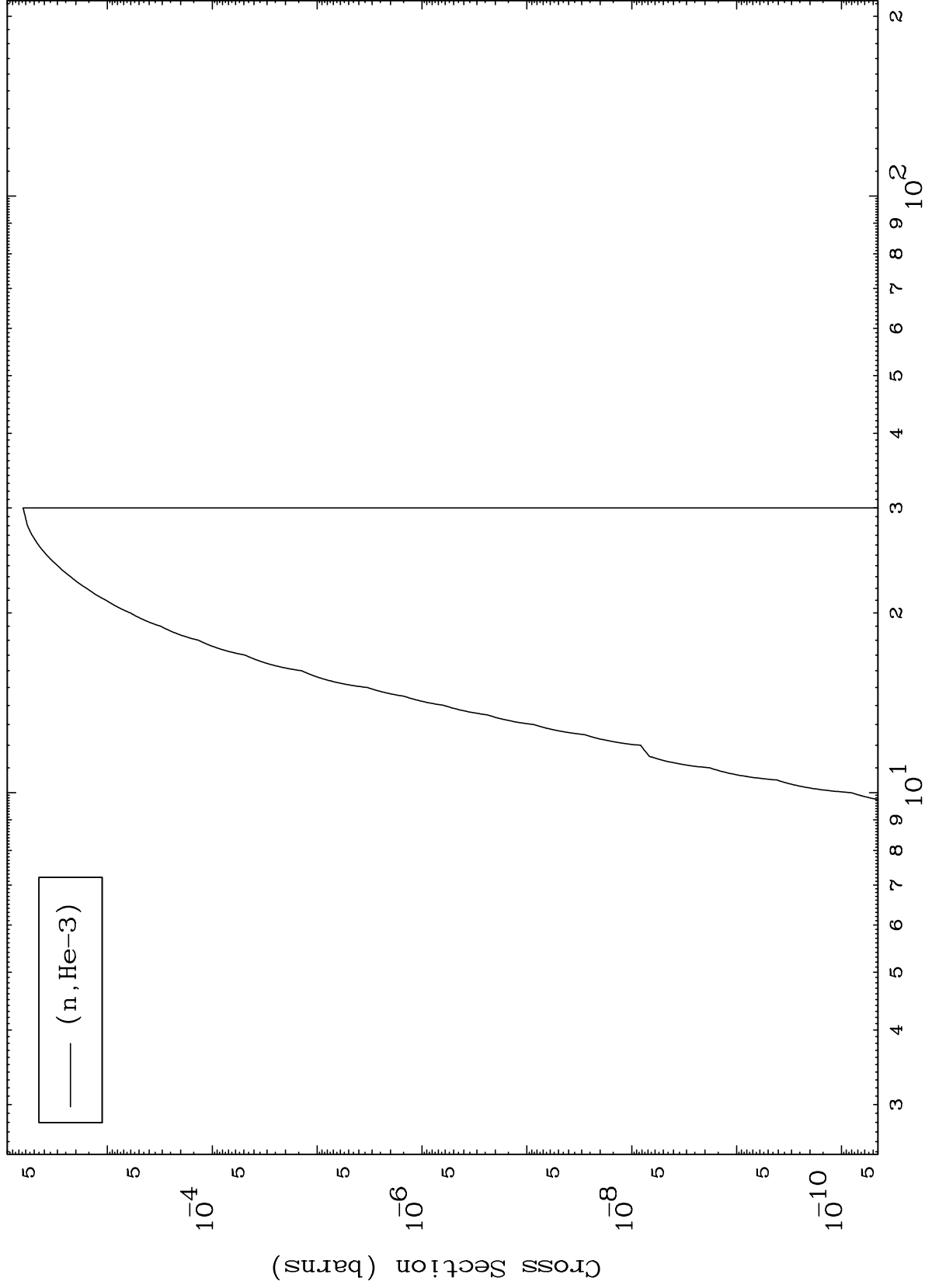
53-I -120

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MAT 5304

(n,He3) Levels
293 Kelvin Cross Sections

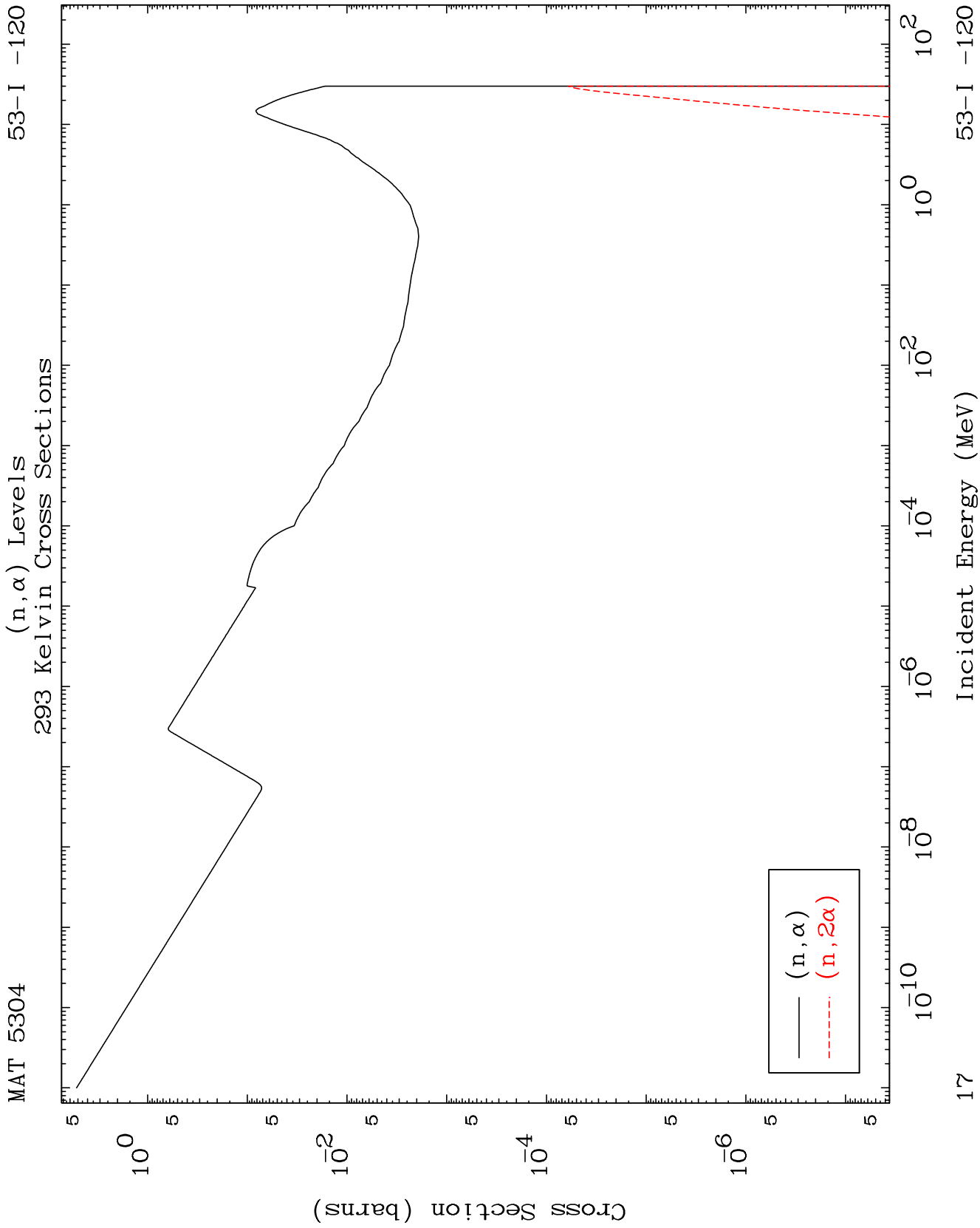
53-I -120

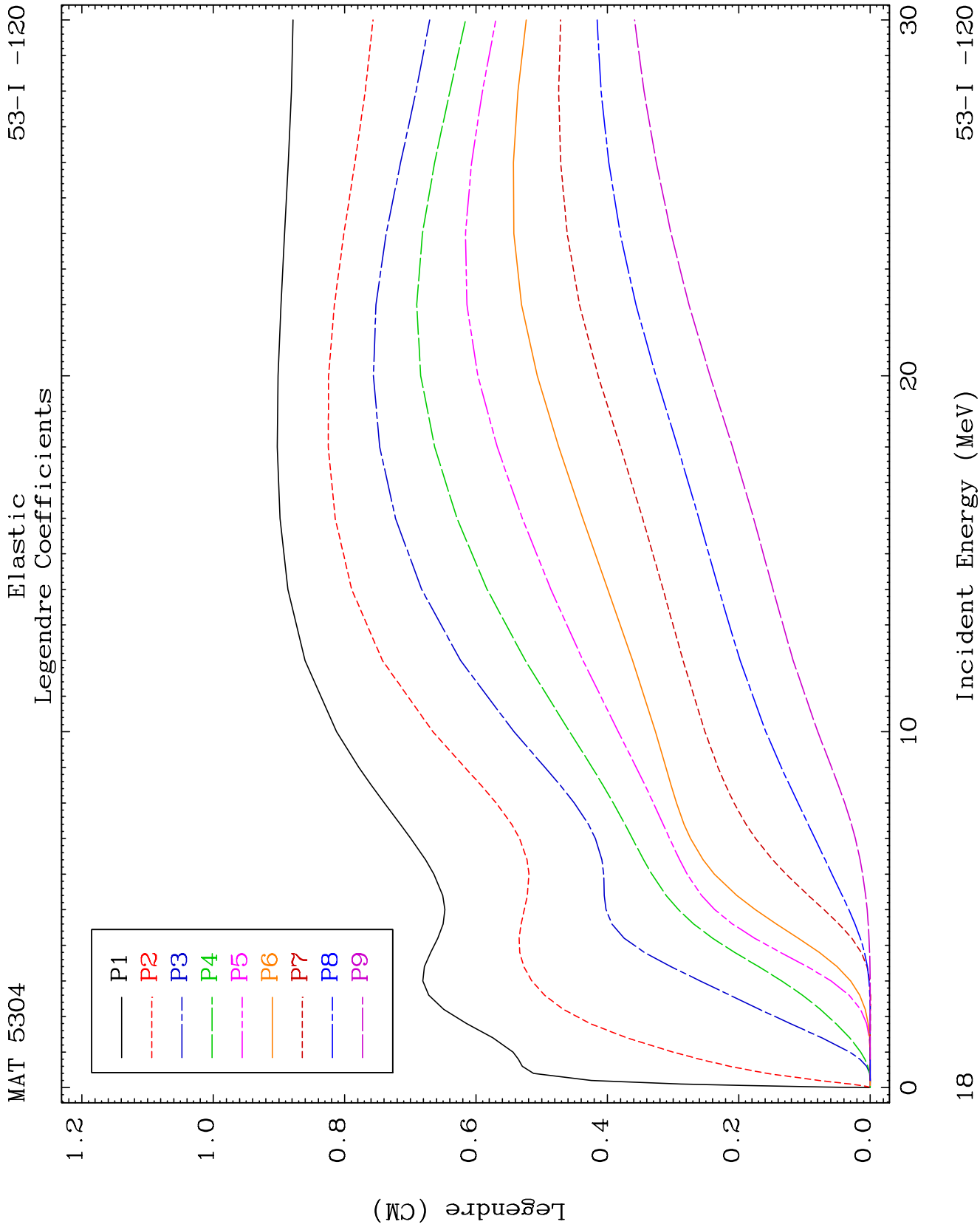


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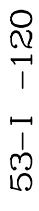
Incident Energy (MeV)

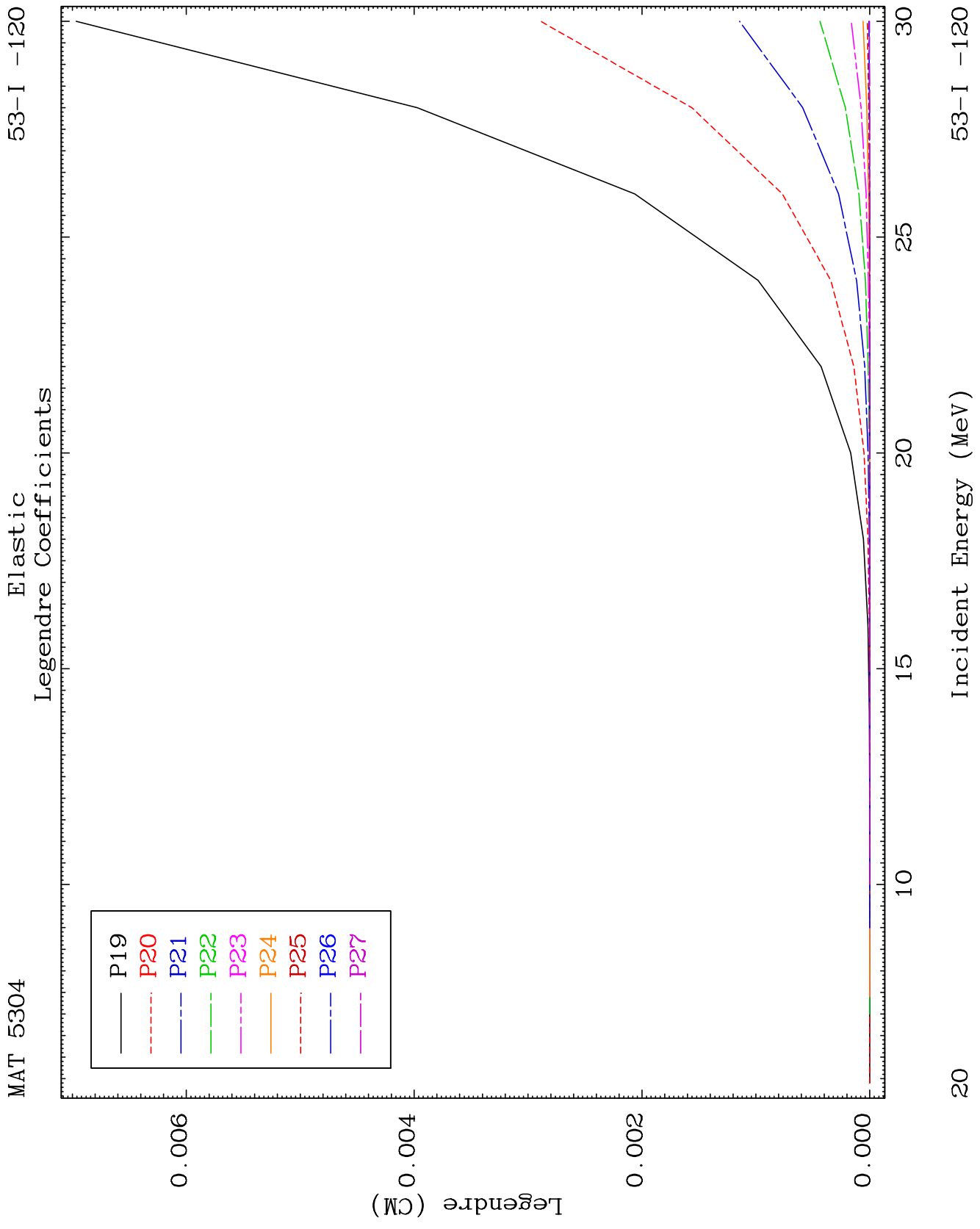
53-I -120

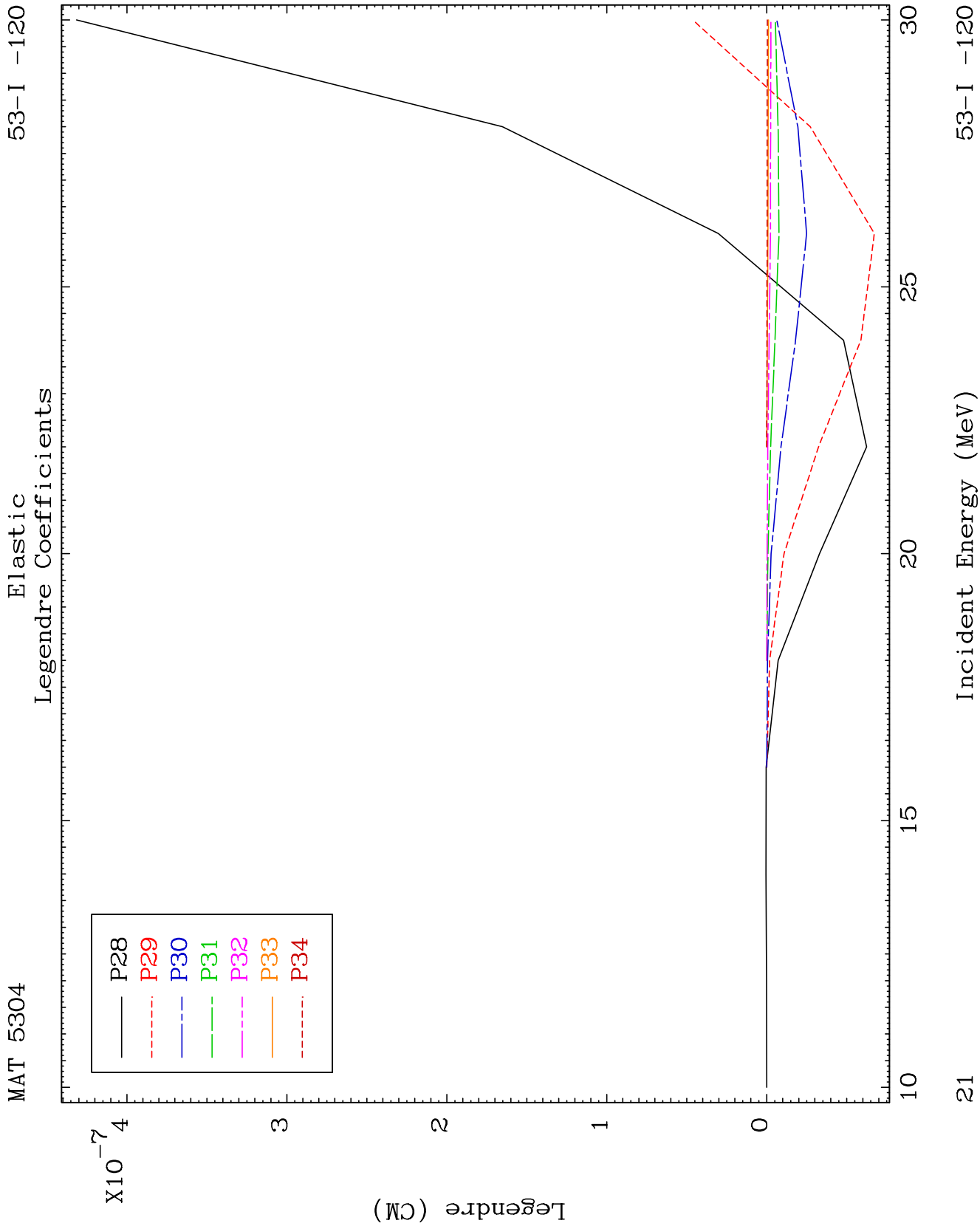




53-I -120



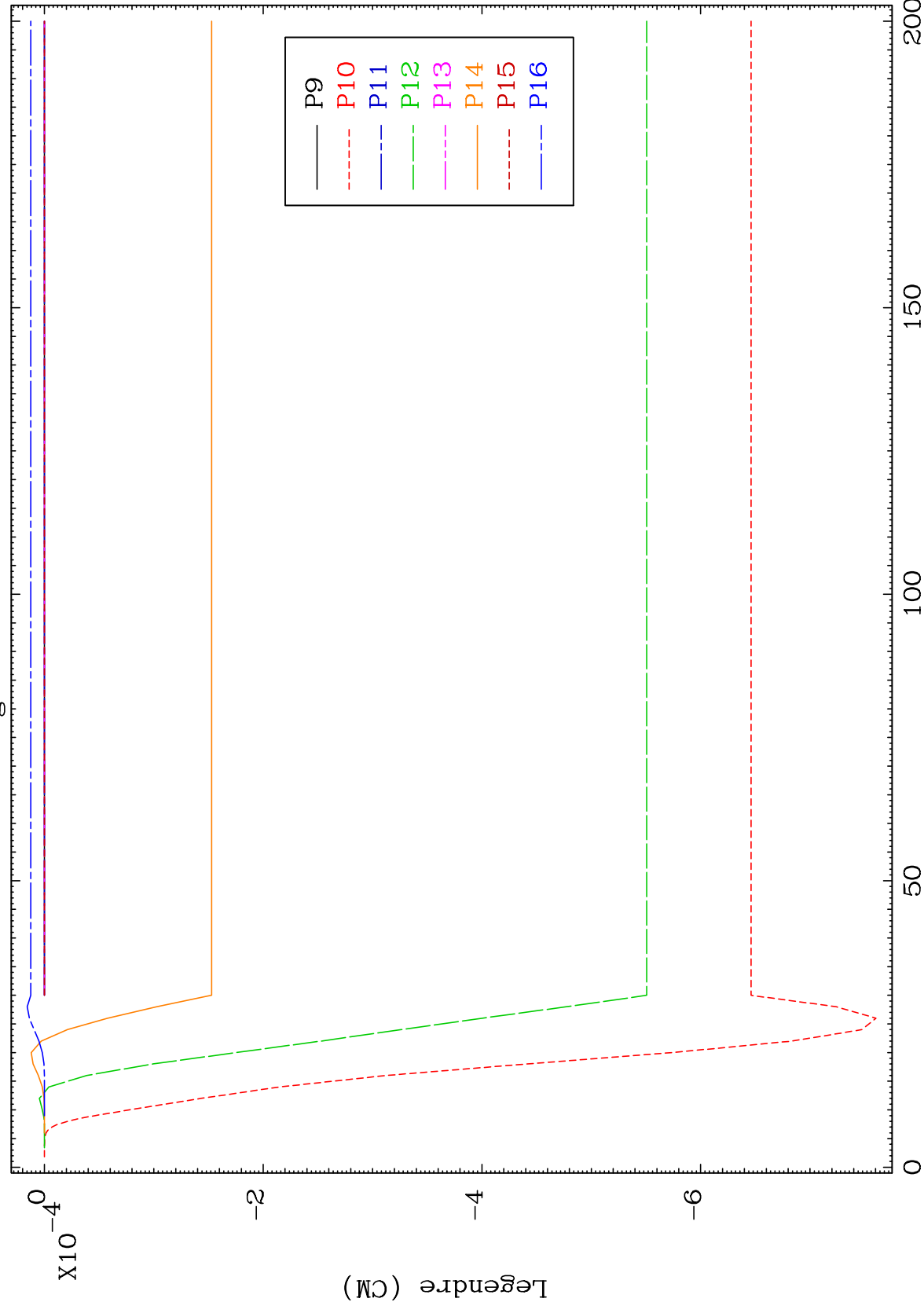




MAT 5304

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

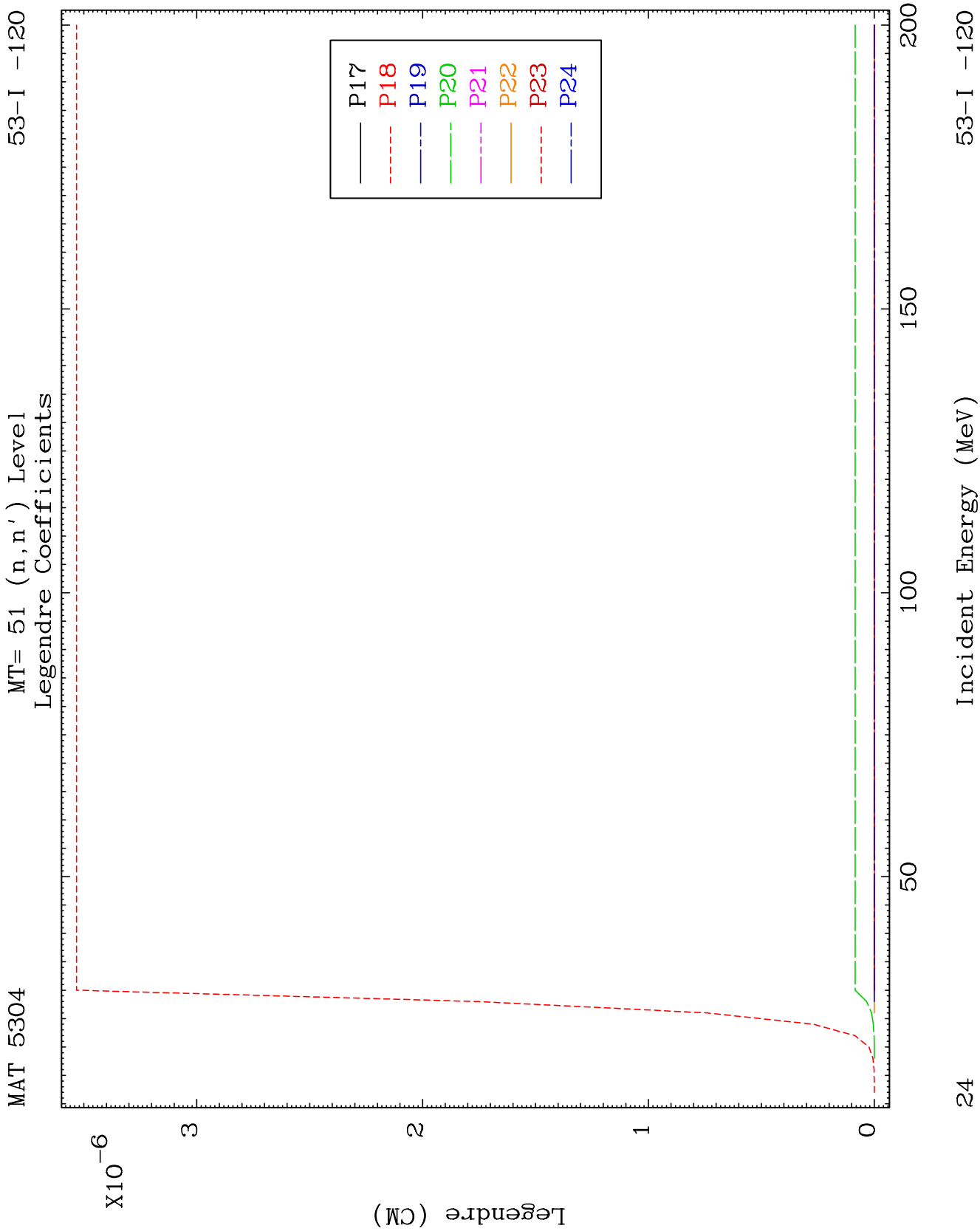
53-I -120

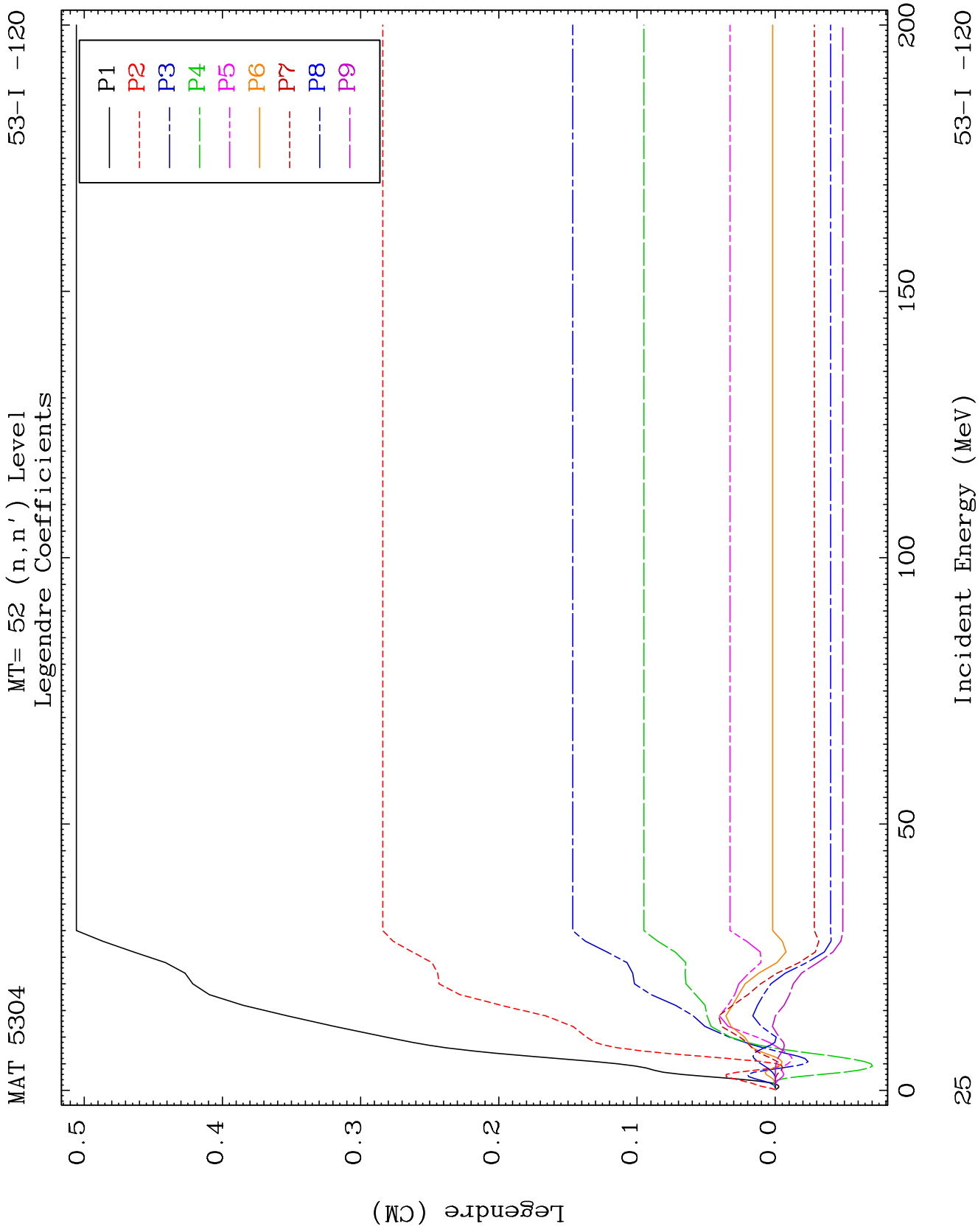


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Incident Energy (MeV)

53-I -120

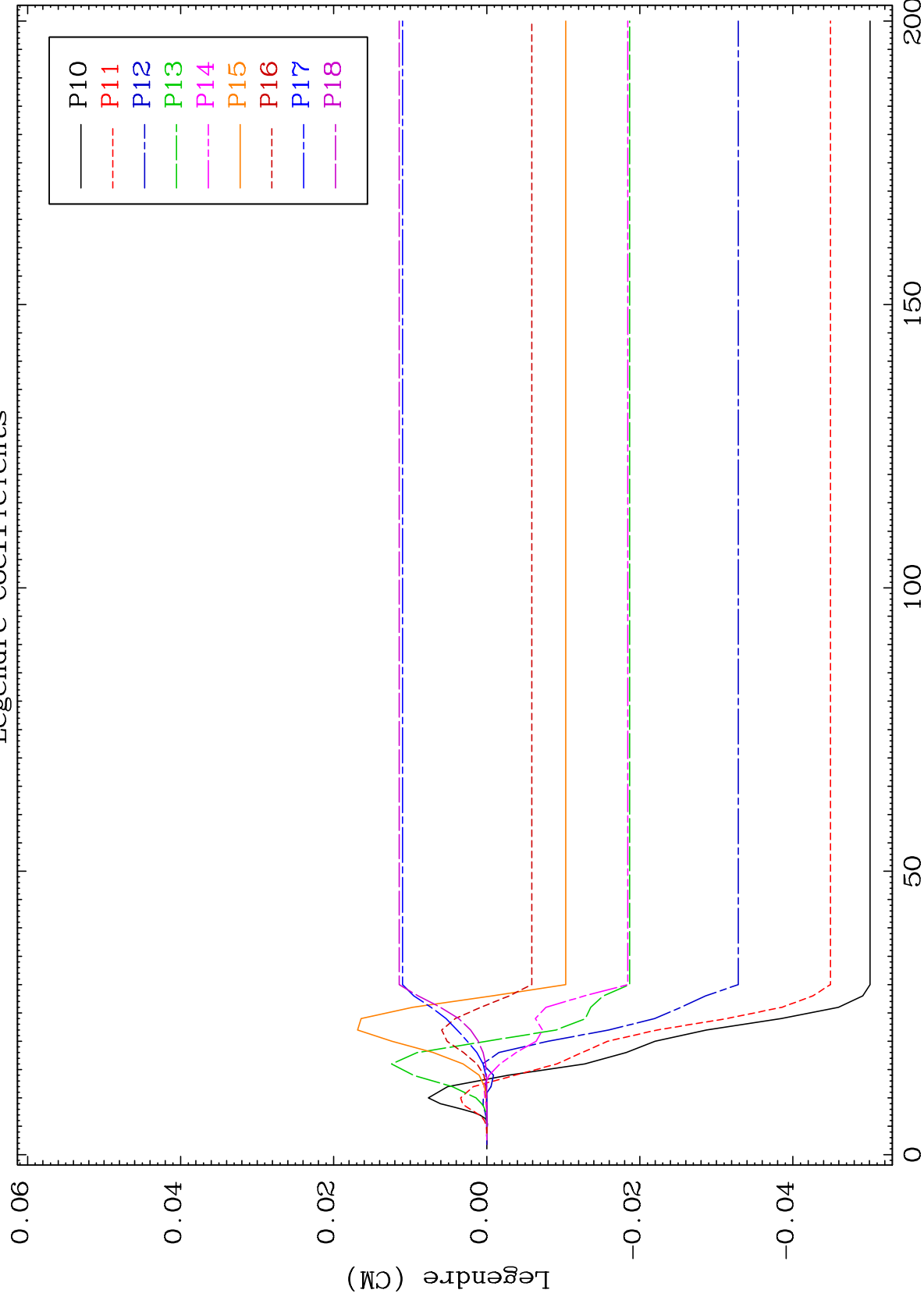




MAT 5304

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

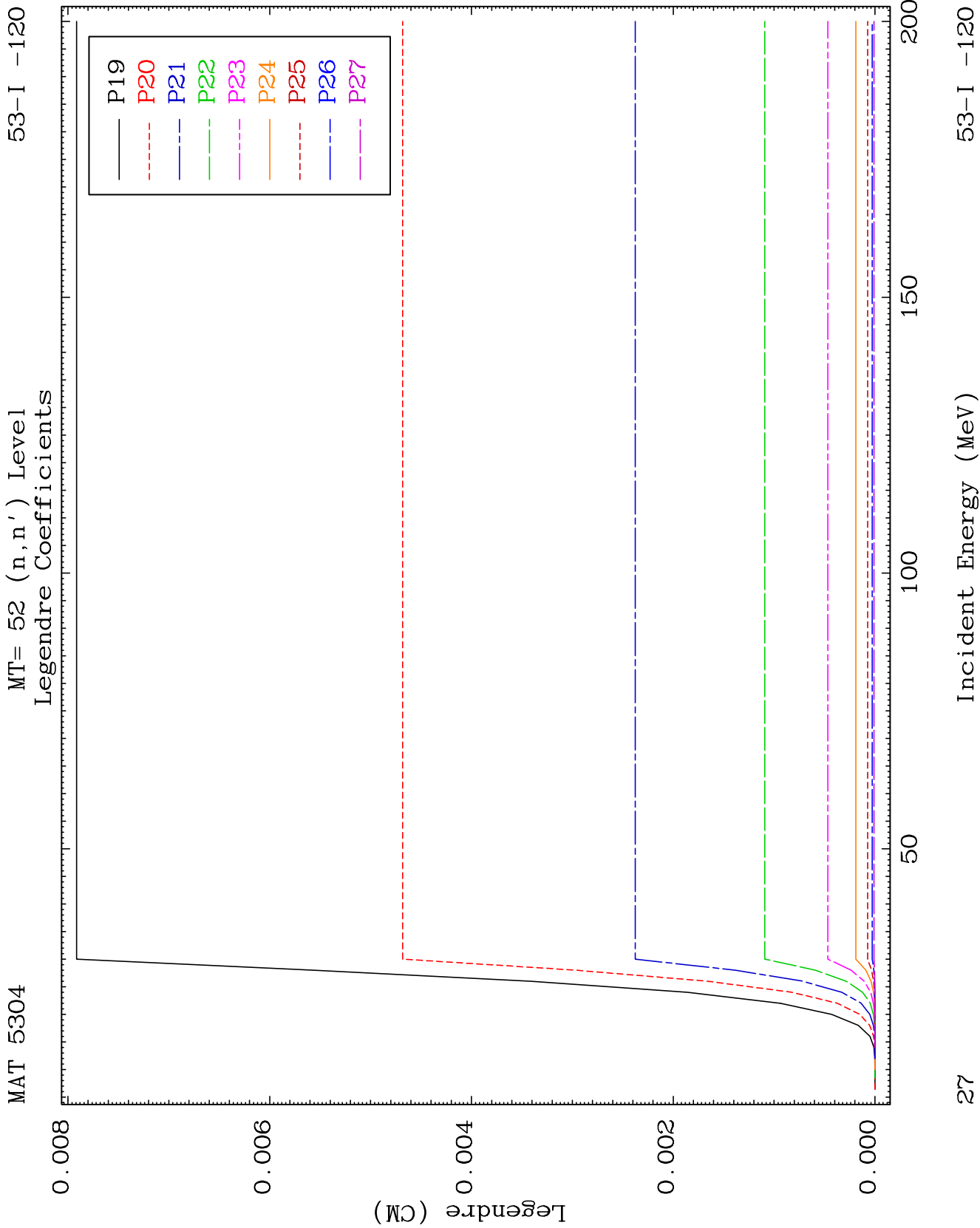
53-I -120

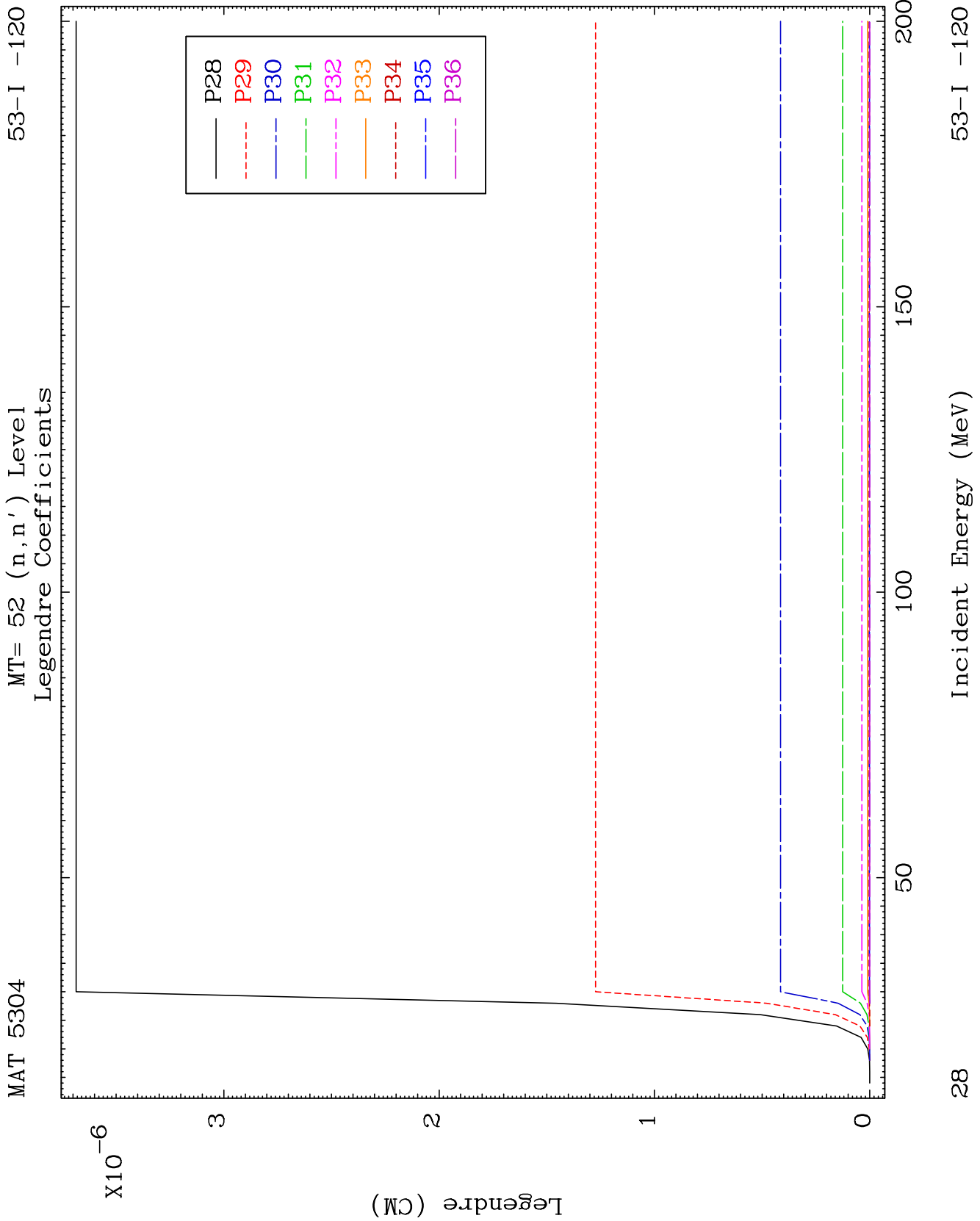


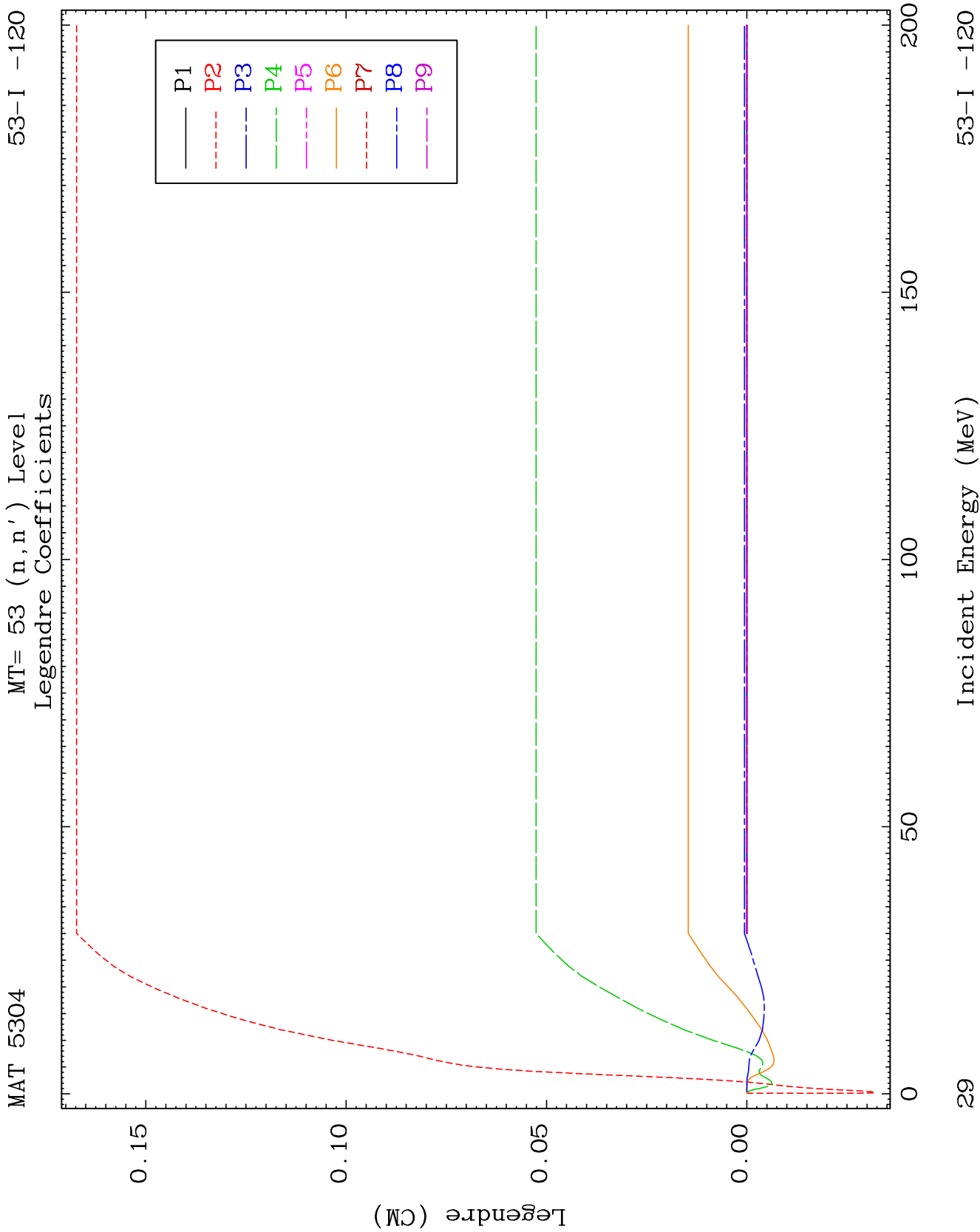
26

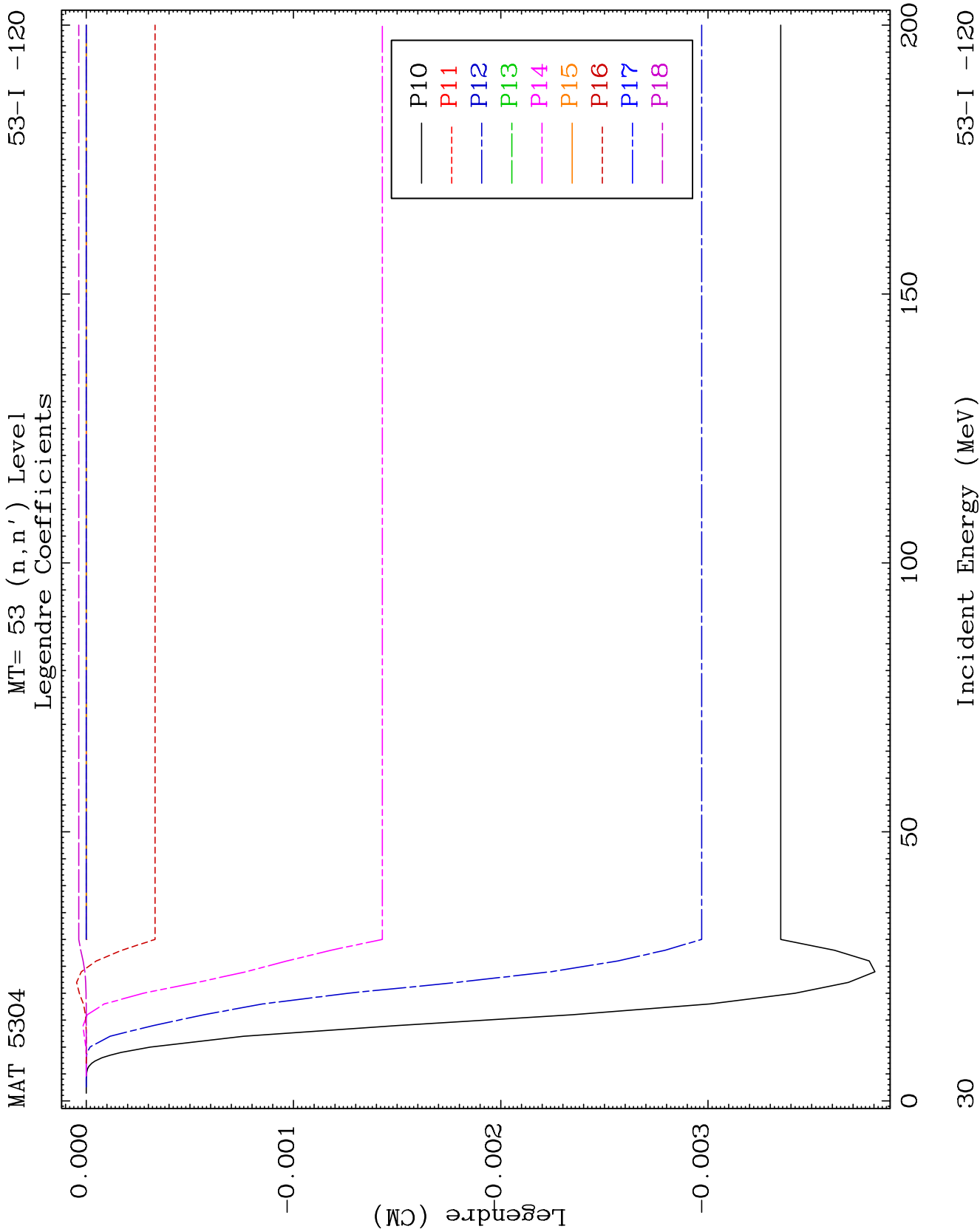
Incident Energy (MeV)

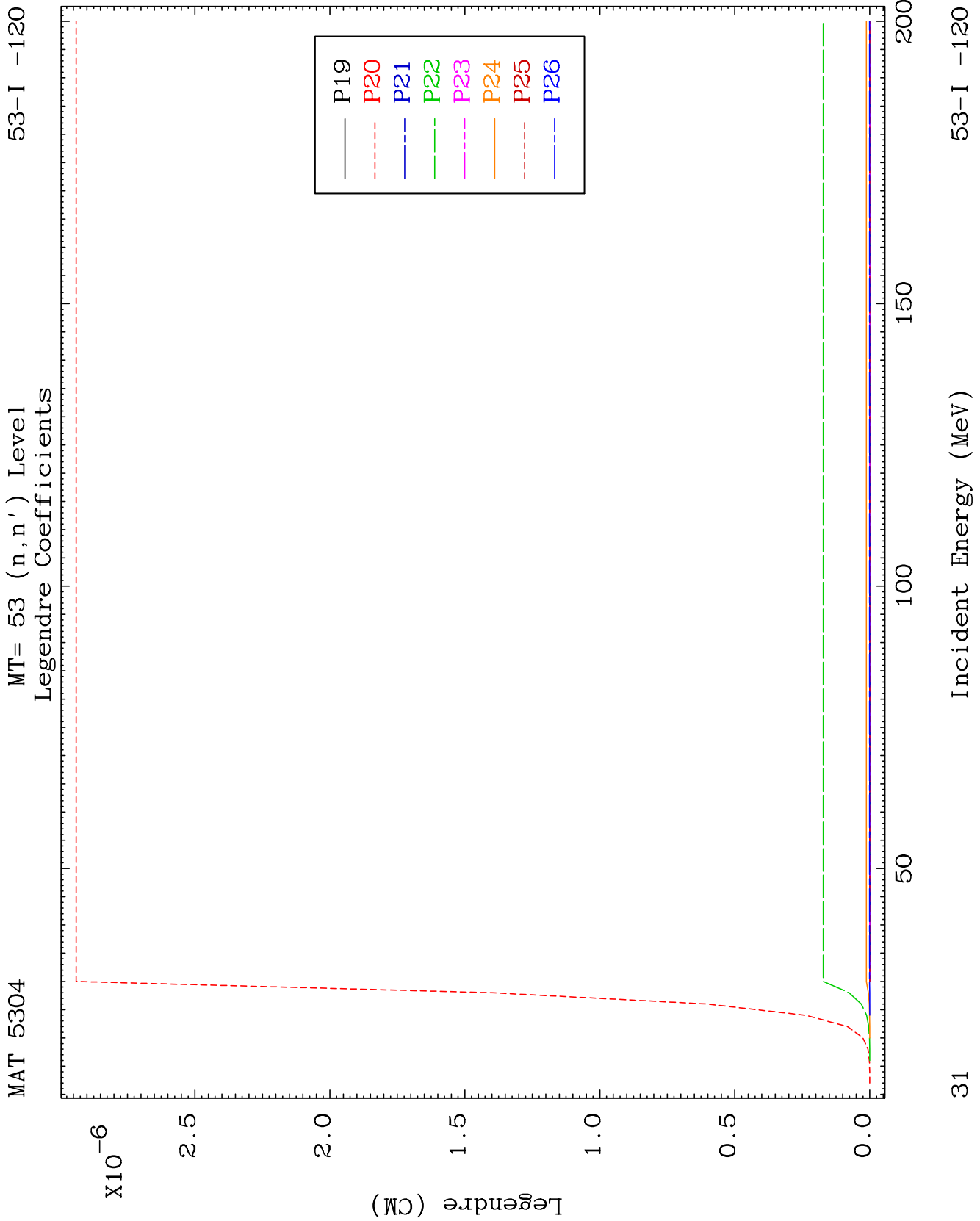
53-I -120







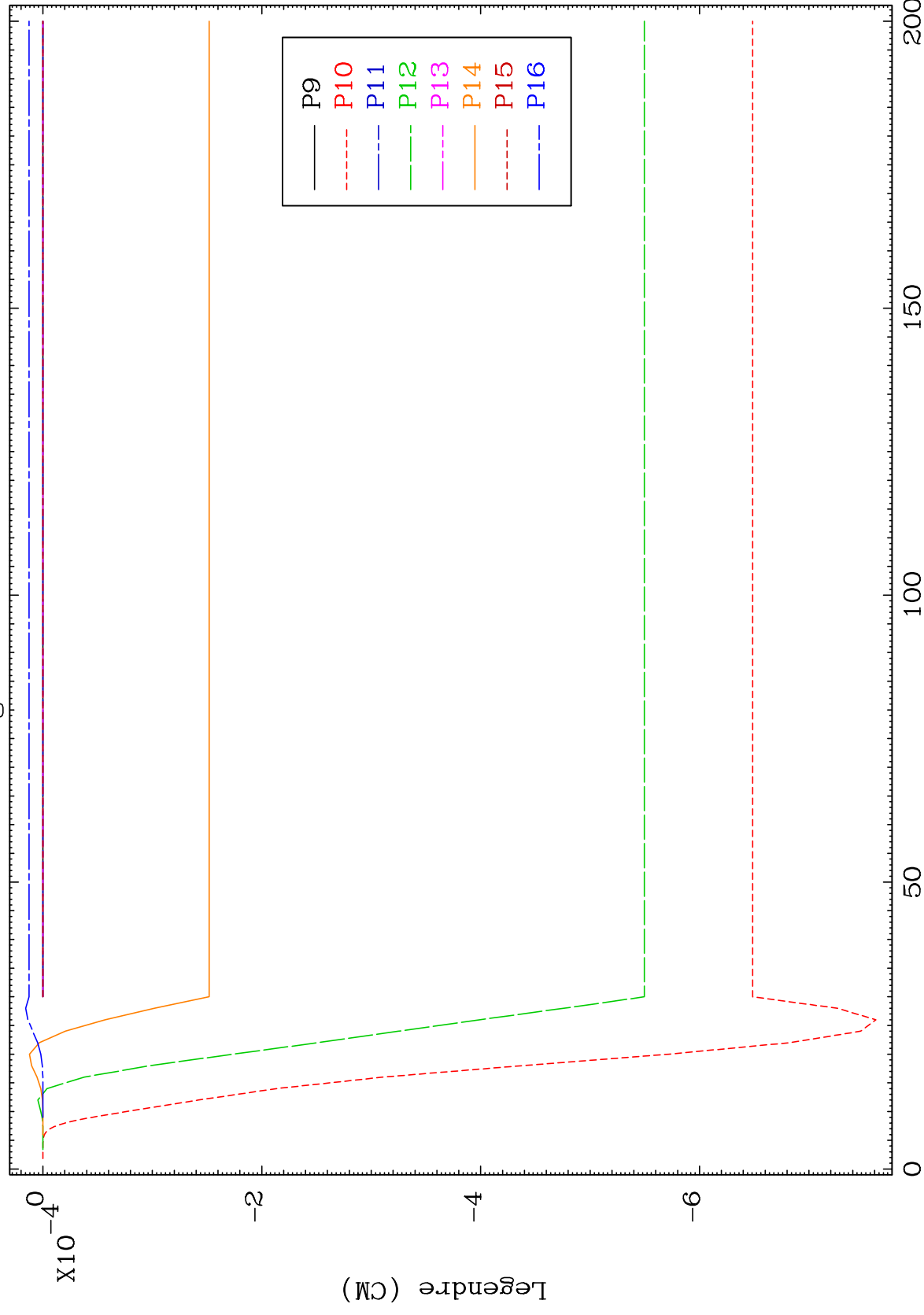




MAT 5304

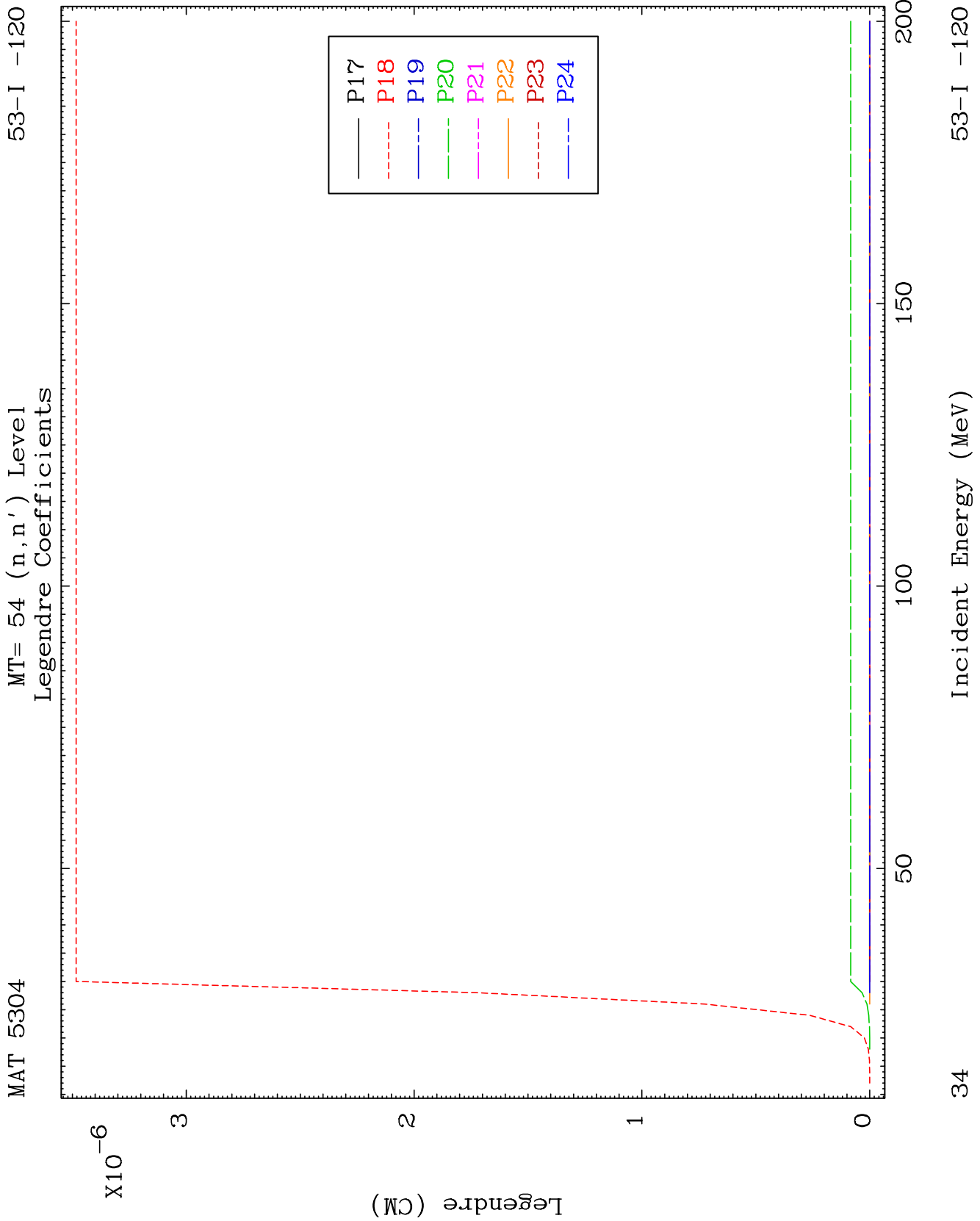
MT= 54 (n, n') Level
Legendre Coefficients

53-I -120



53-I -120

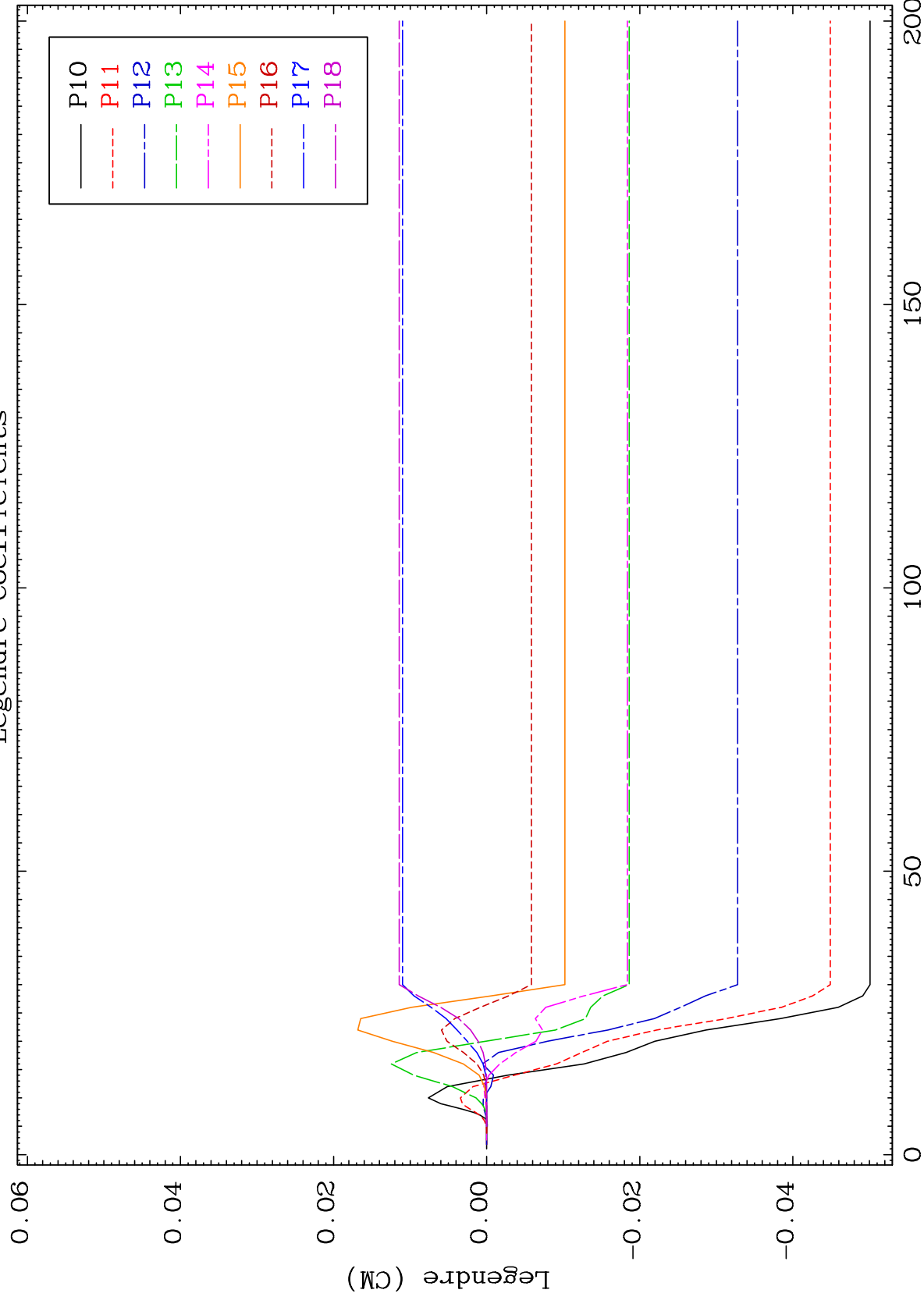
Incident Energy (MeV)



MAT 5304

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

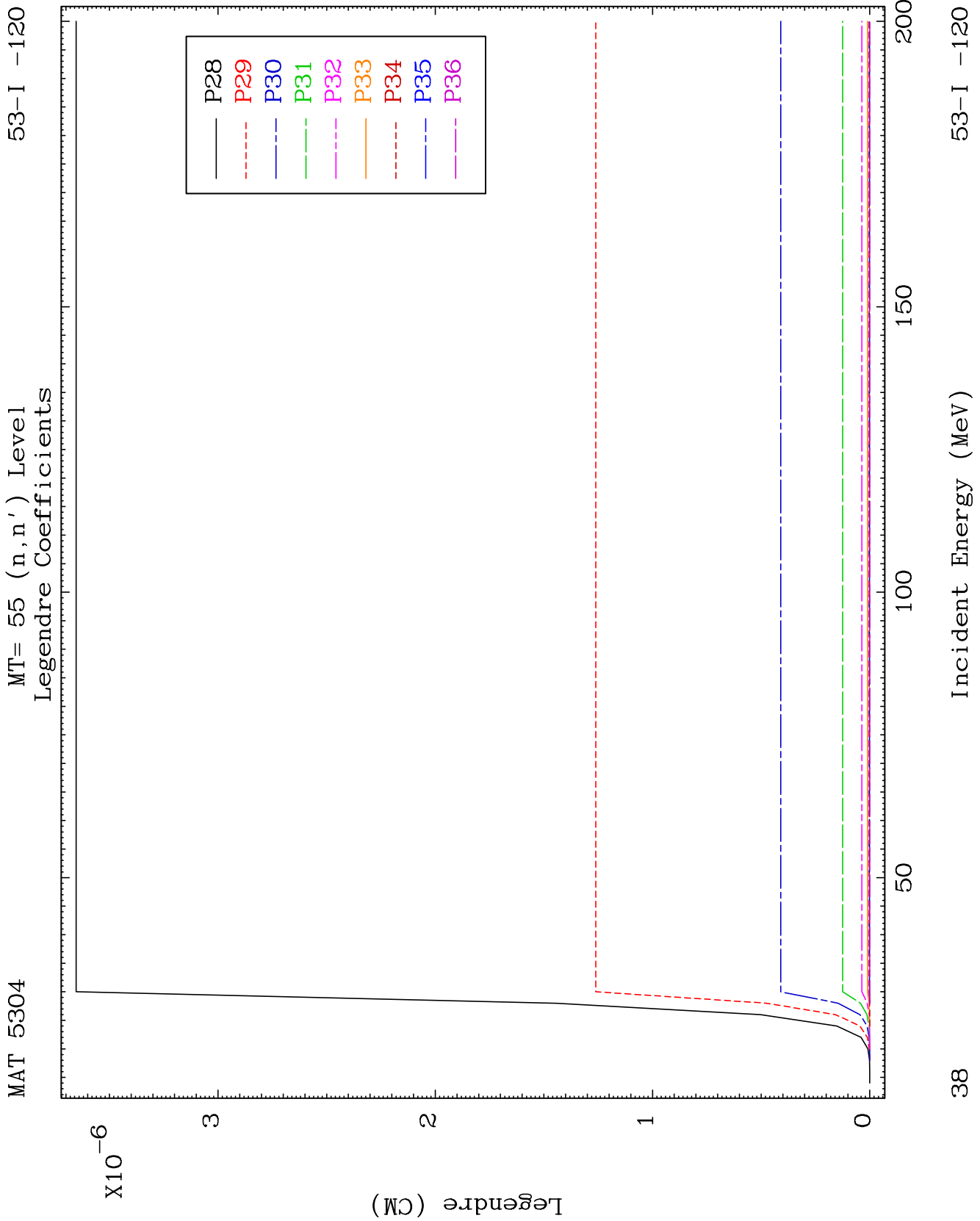
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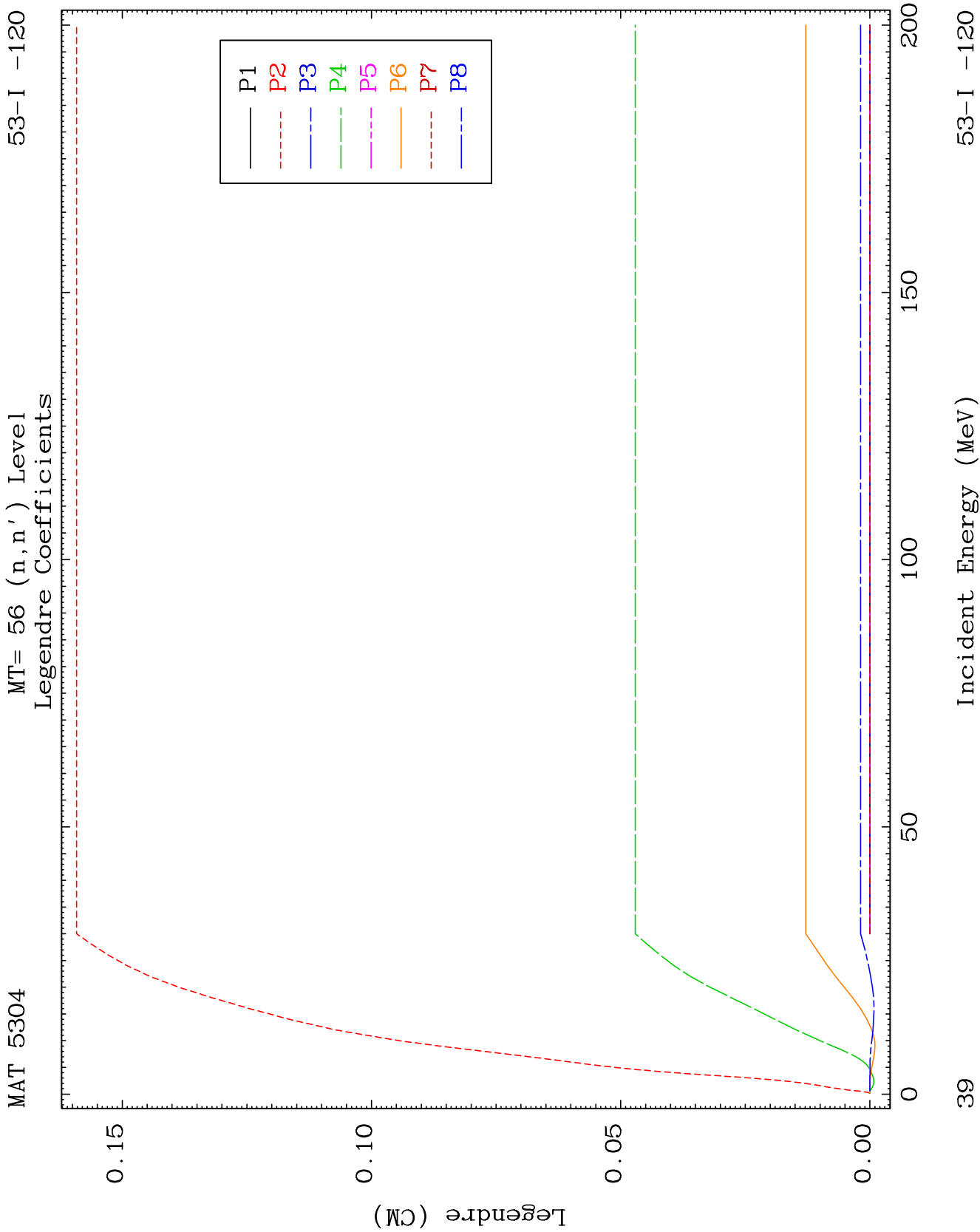


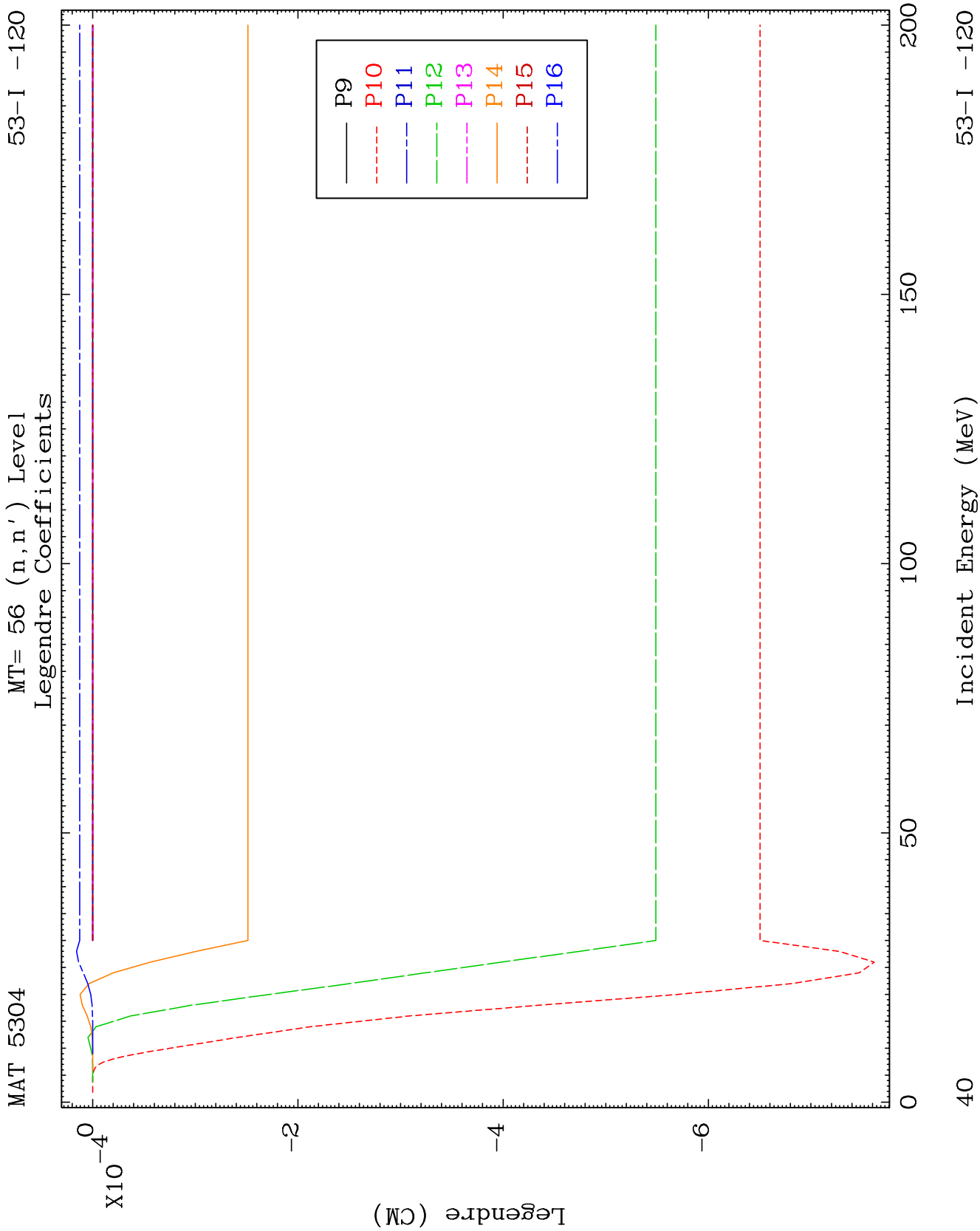
36

Incident Energy (MeV)

53-I -120



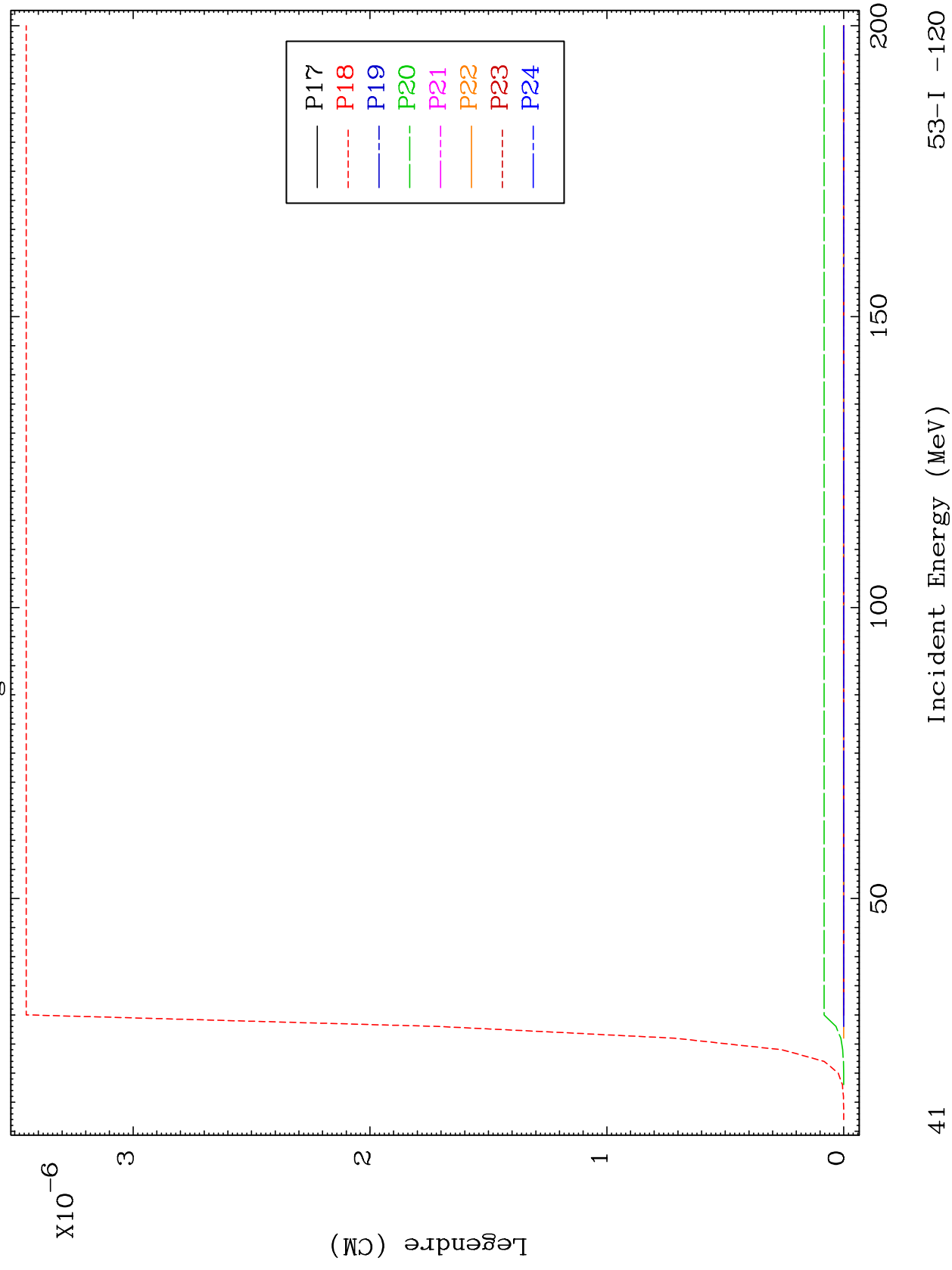




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MT= 56 (n, n') Level
Legendre Coefficients

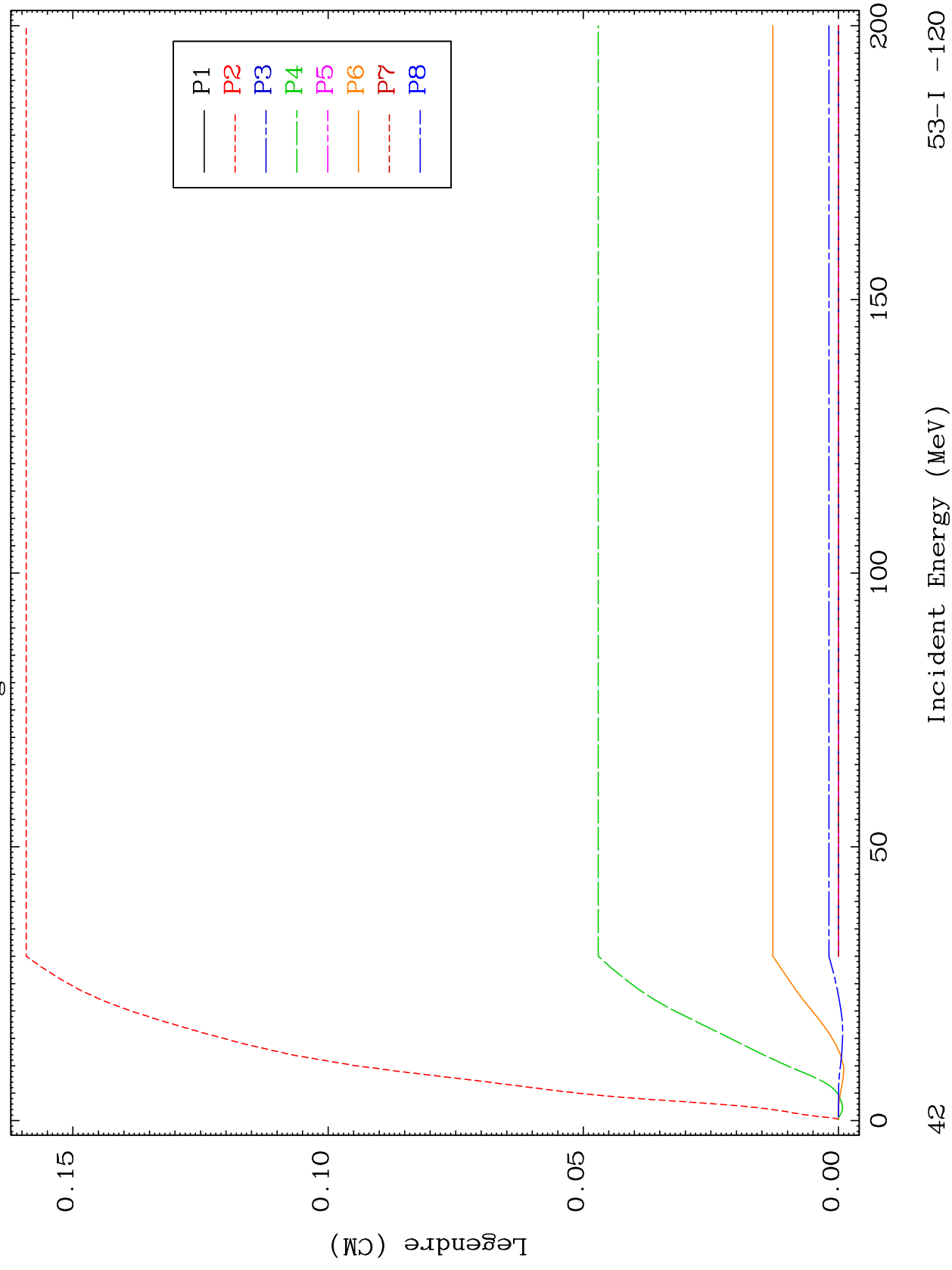
53-I -120



MAT 5304

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

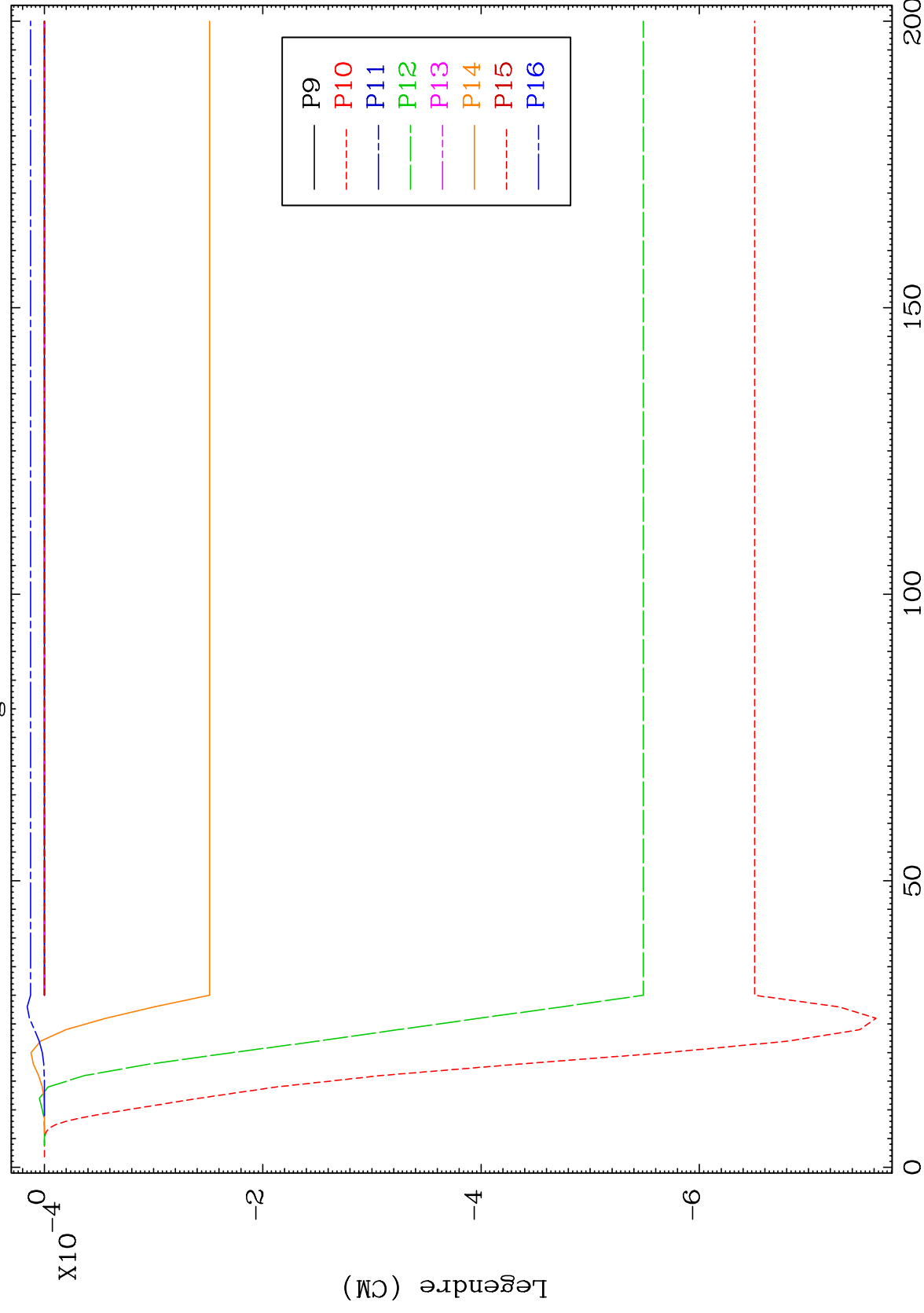
53-I -120



MAT 5304

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

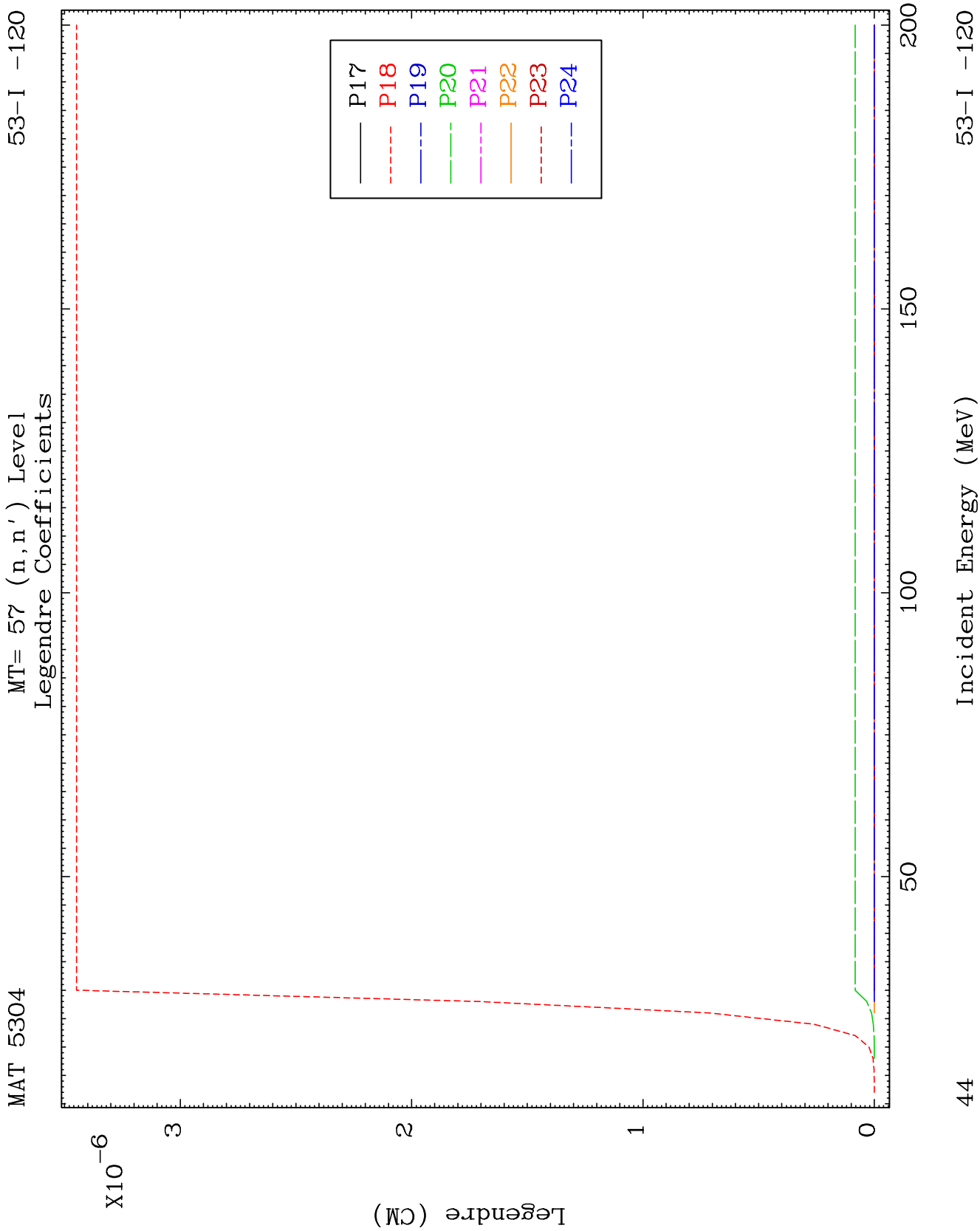
53-I -120

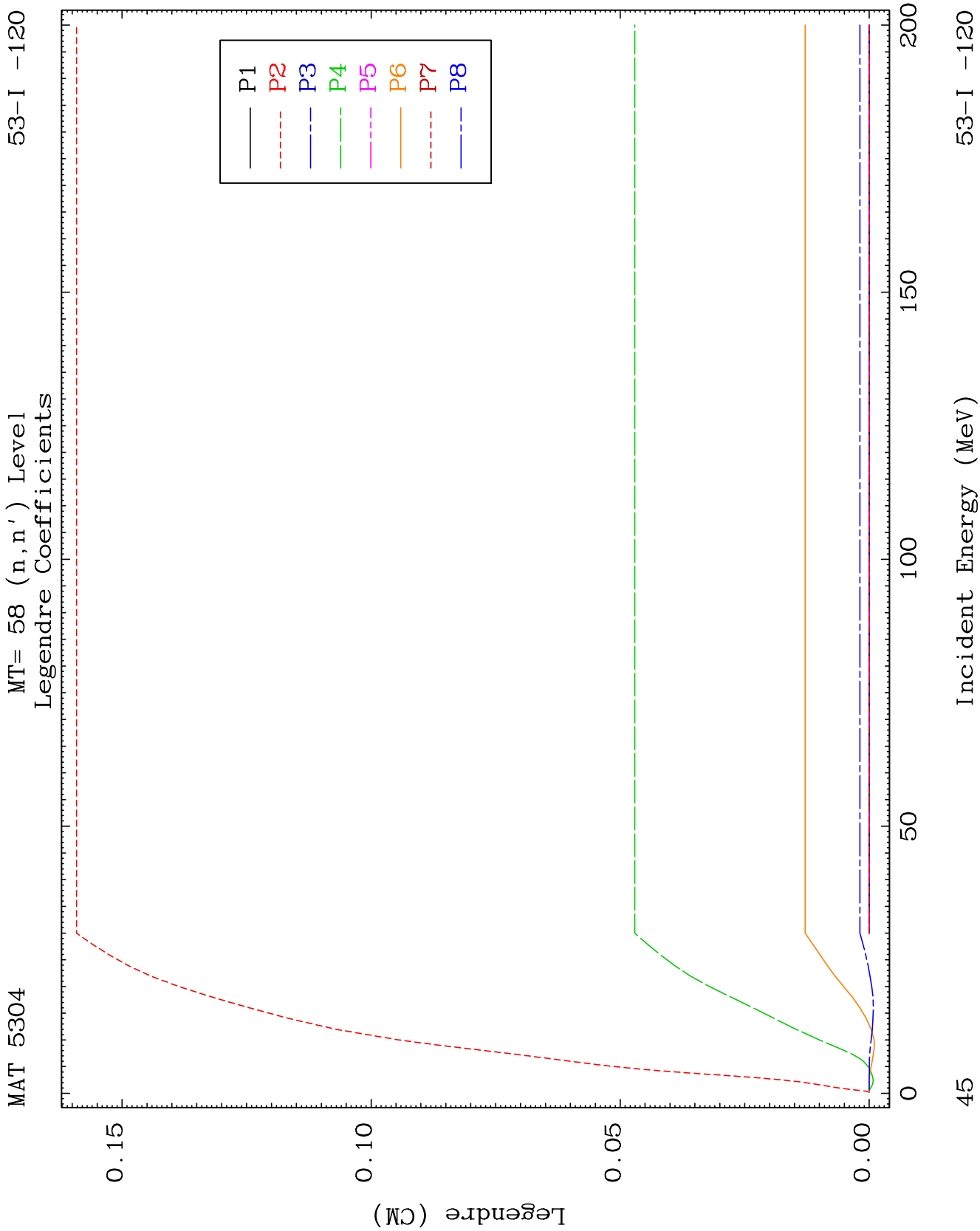


43

Incident Energy (MeV)

53-I -120

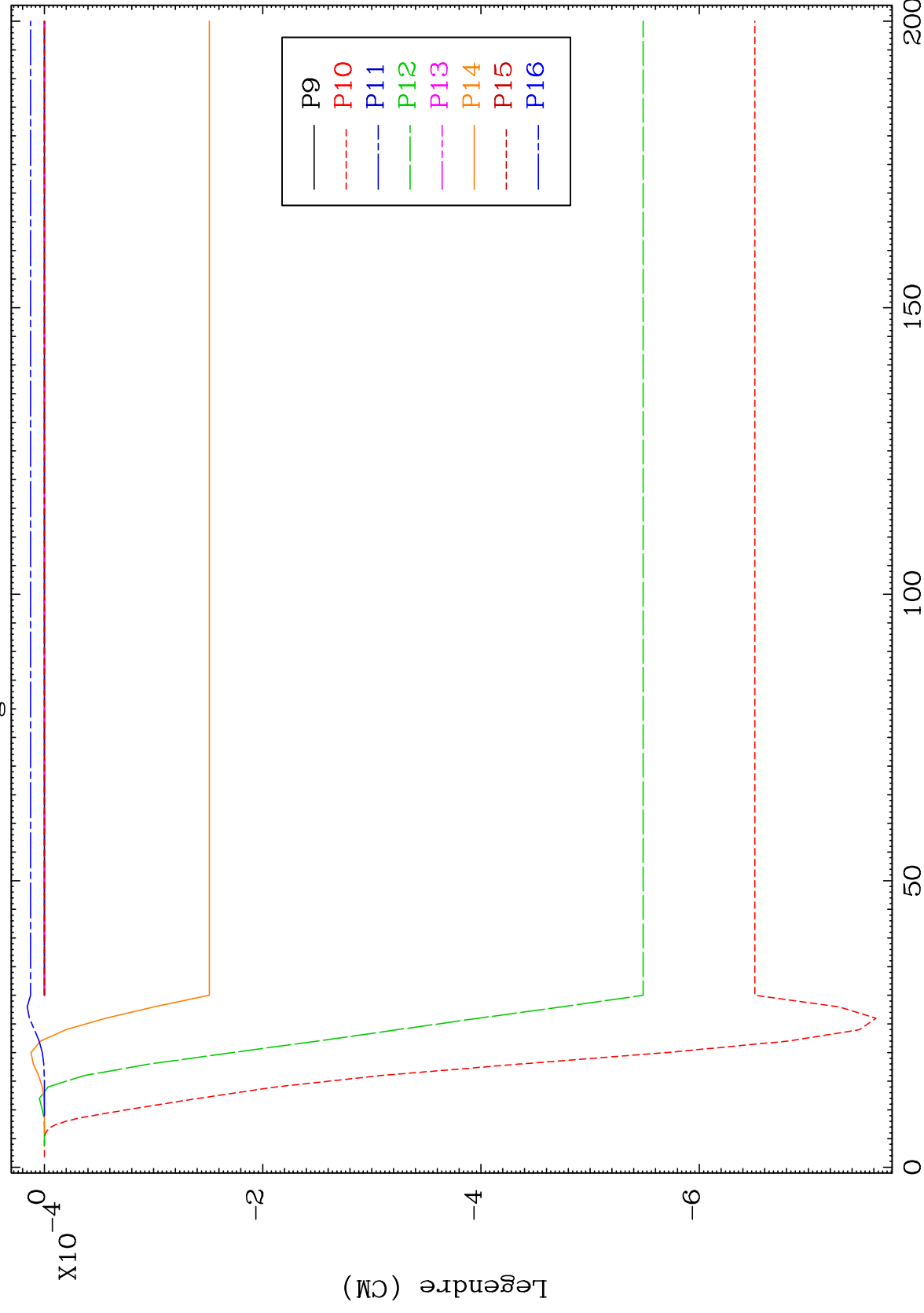




MAT 5304

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

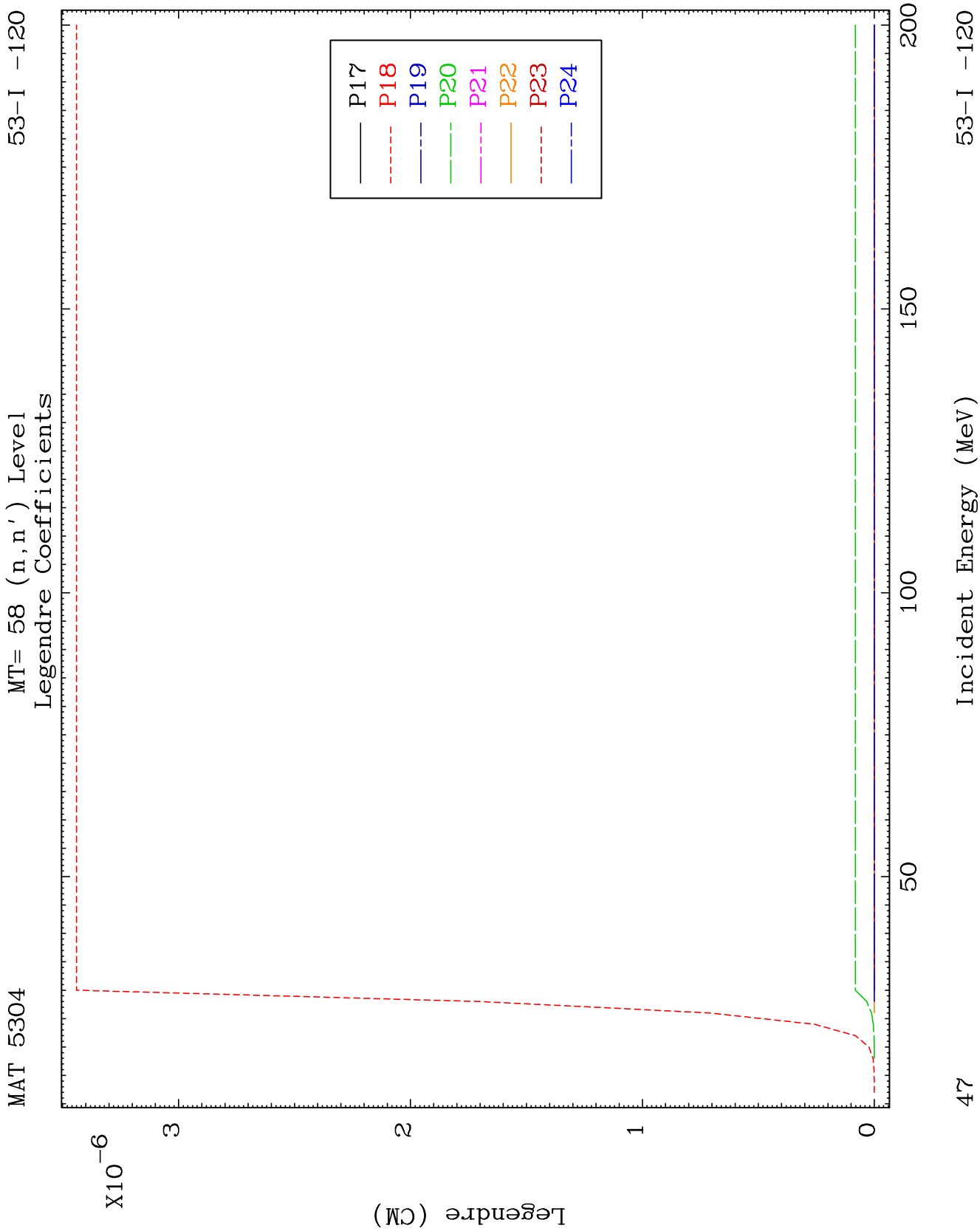
53-I -120

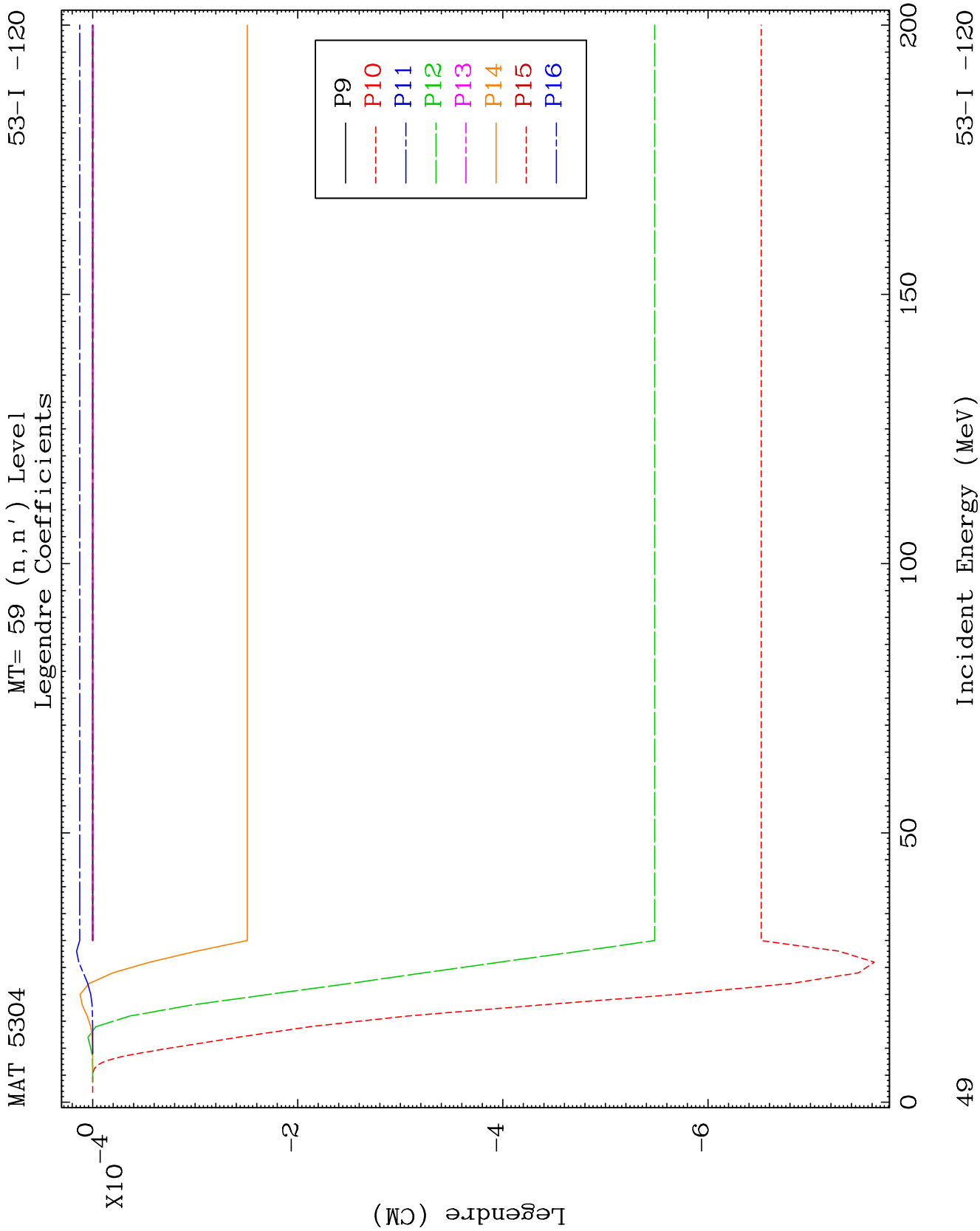


46

Incident Energy (MeV)

53-I -120

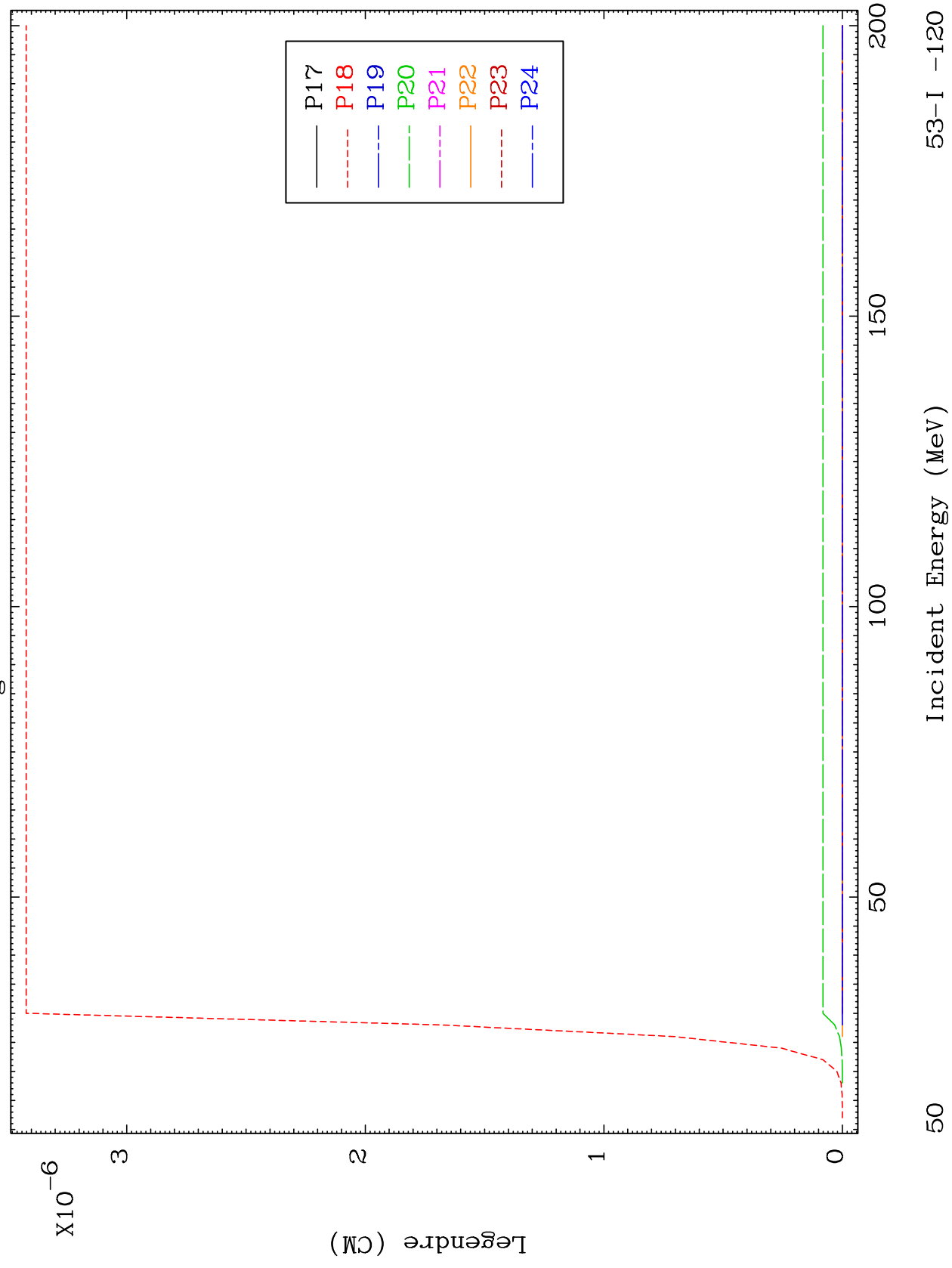


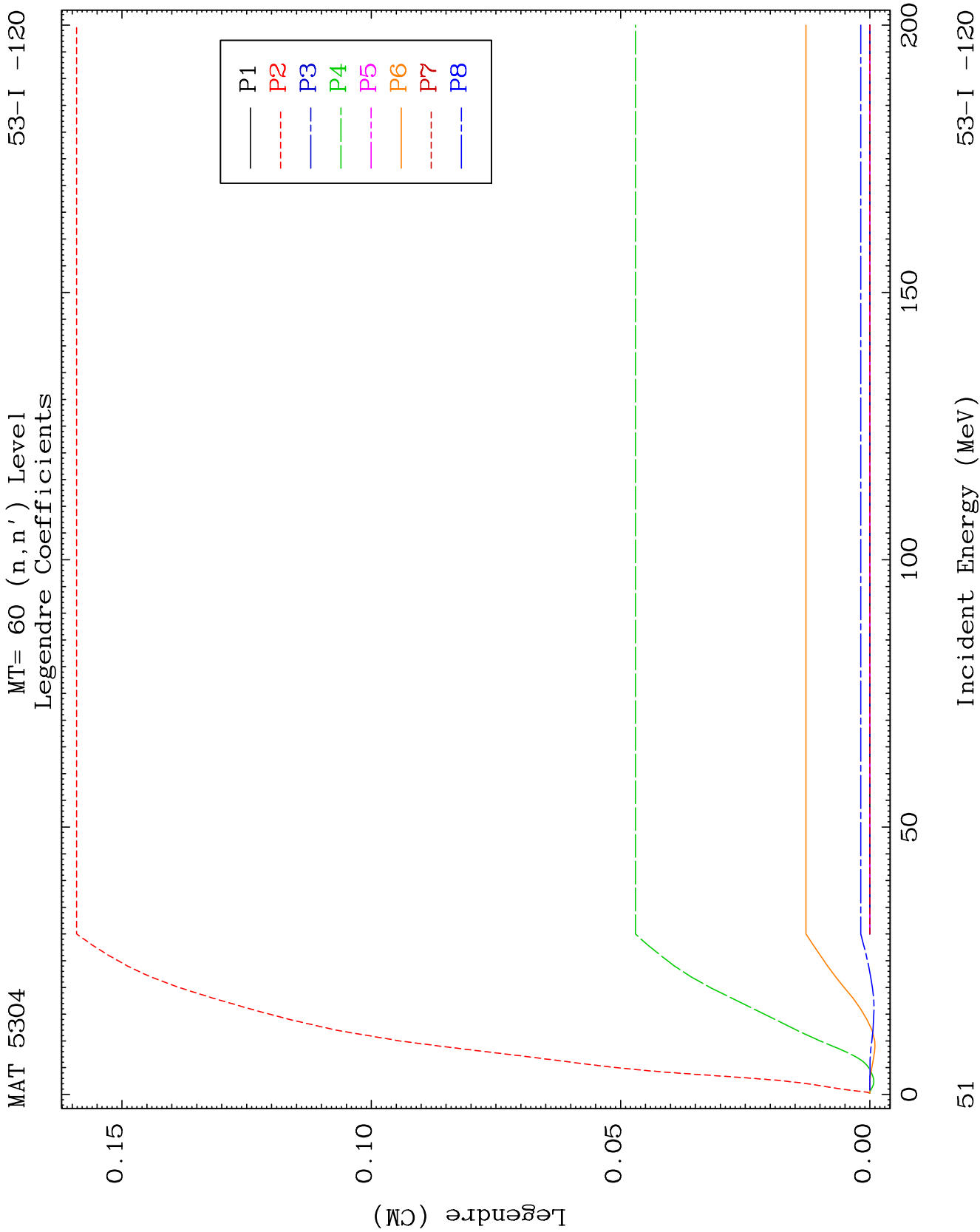


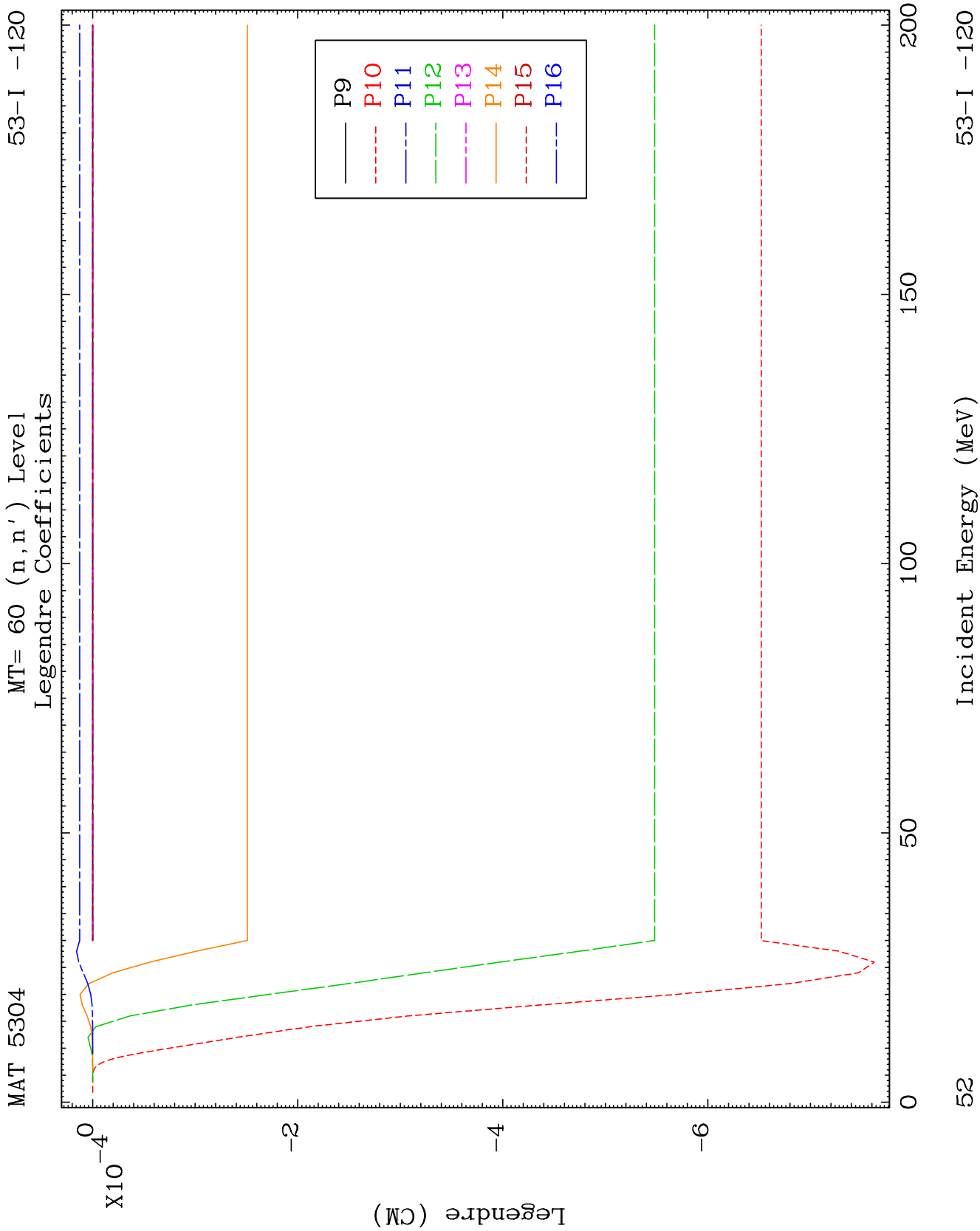
MAT 5304

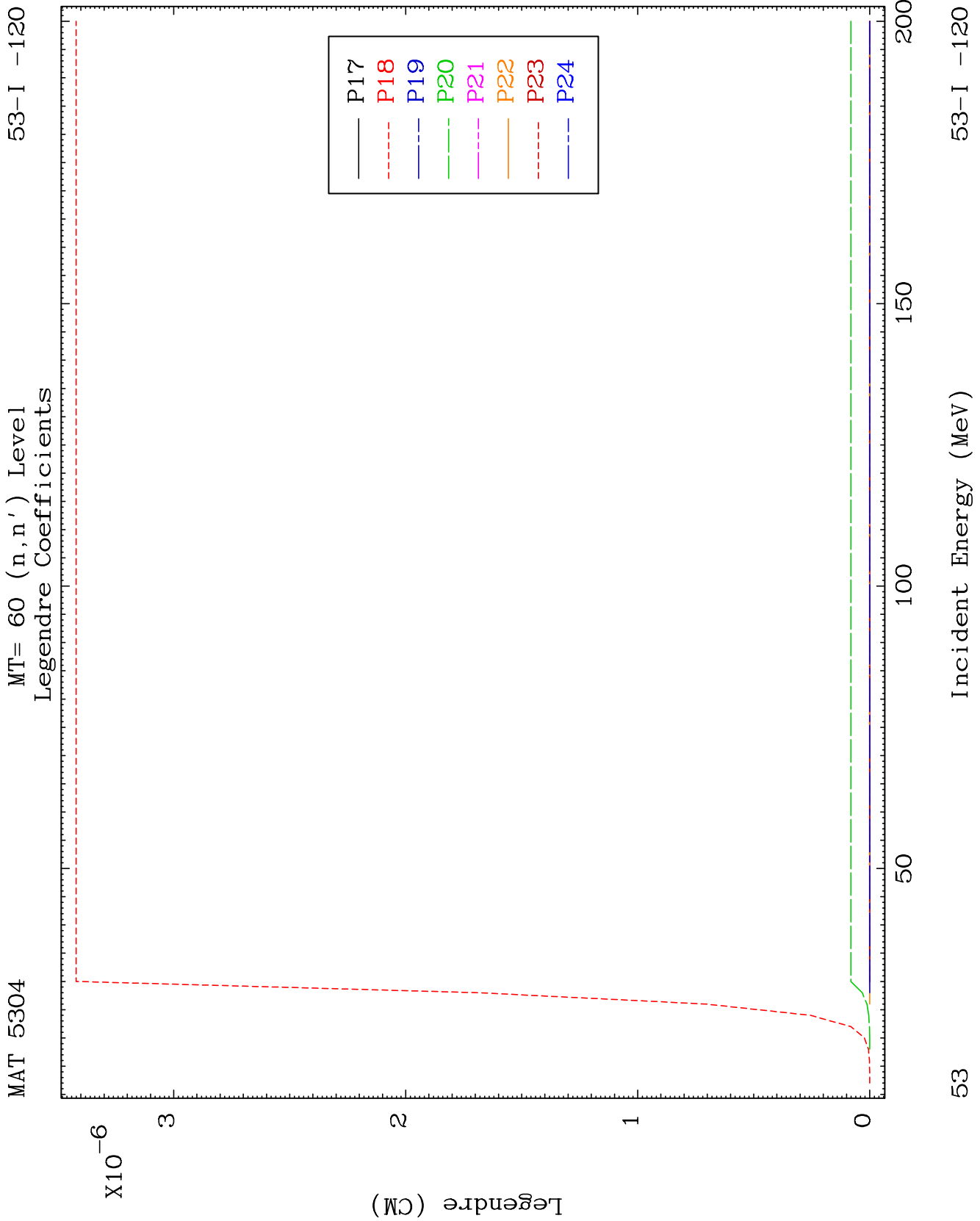
MT= 59 (n, n') Level
Legendre Coefficients

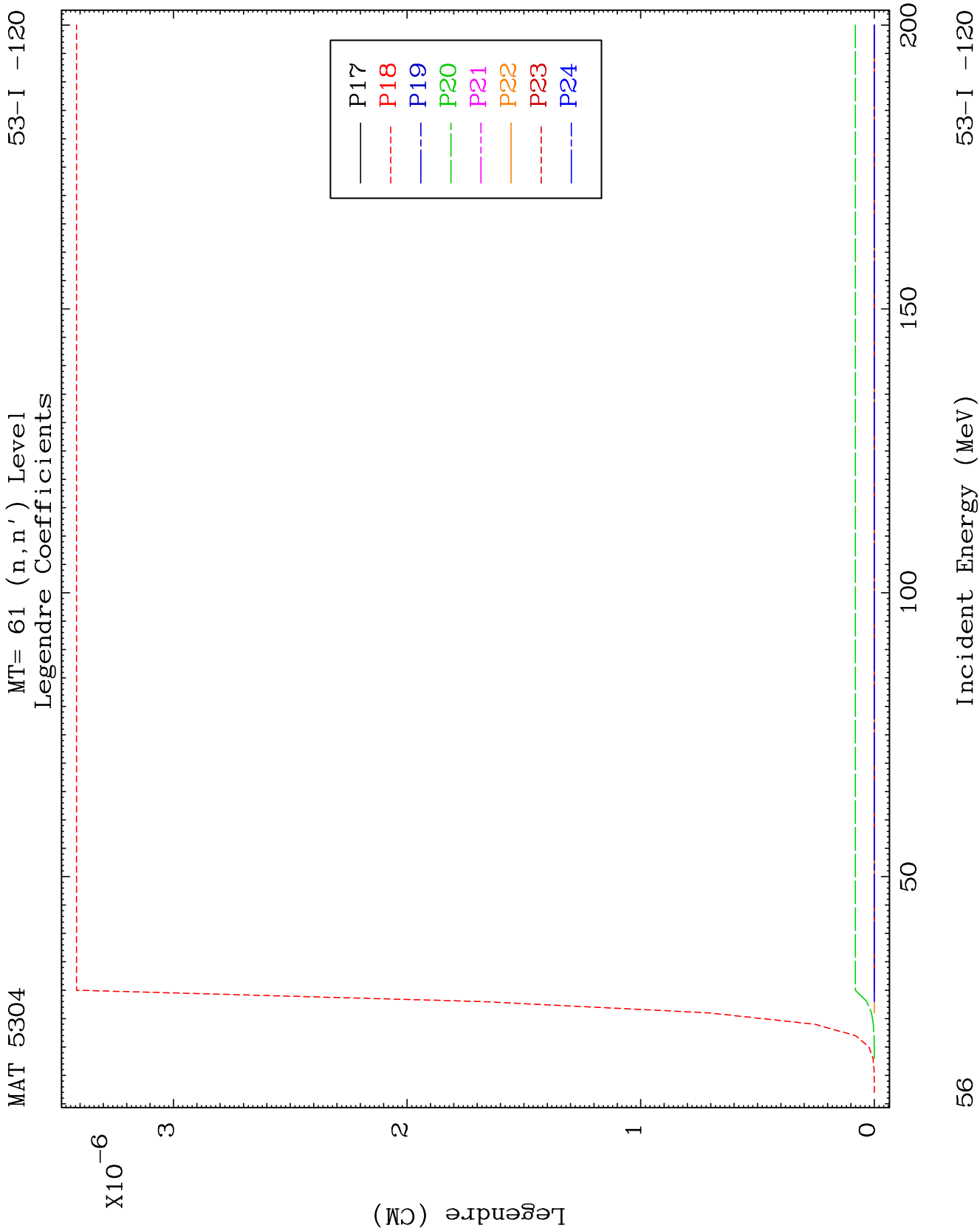
53-I -120

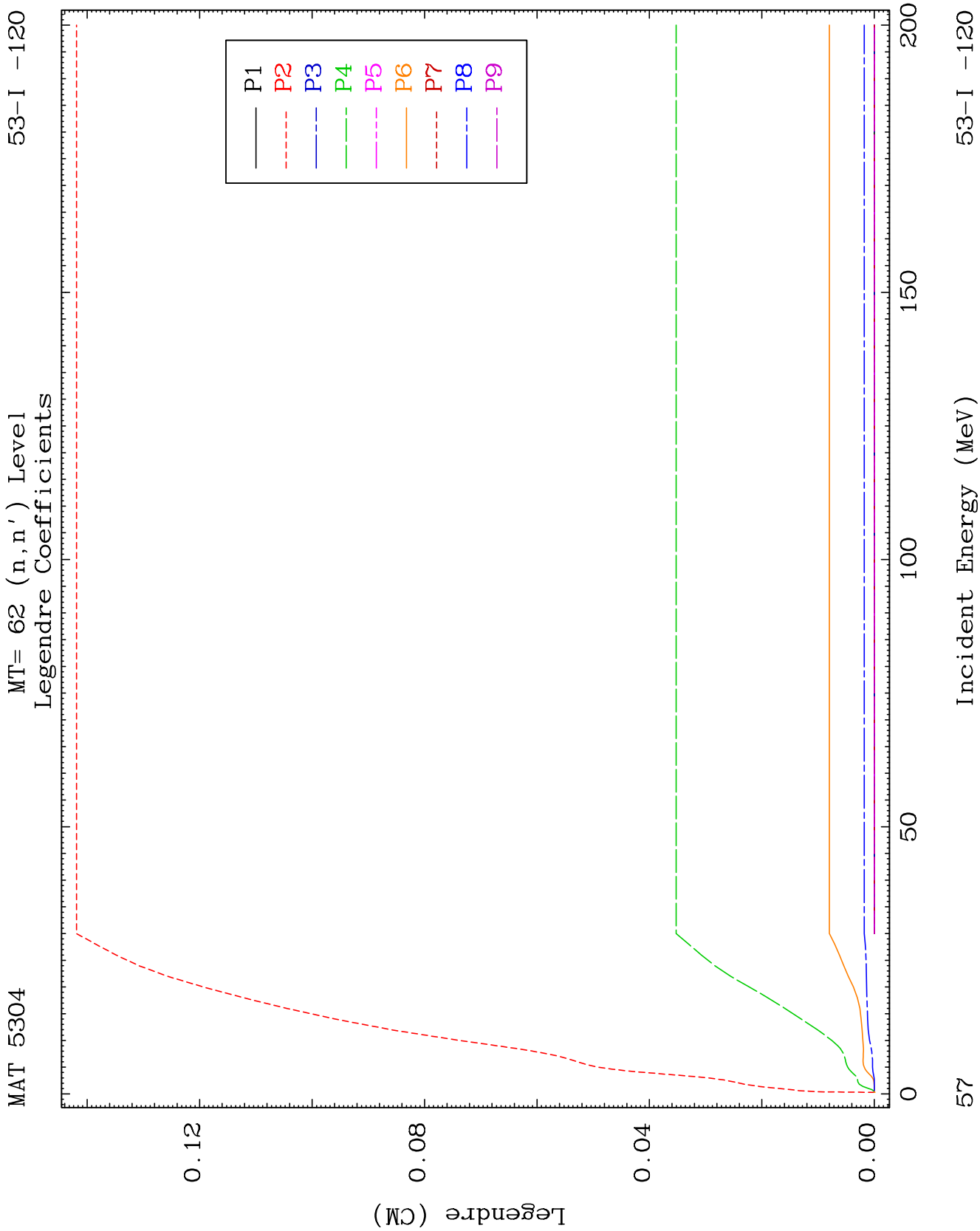


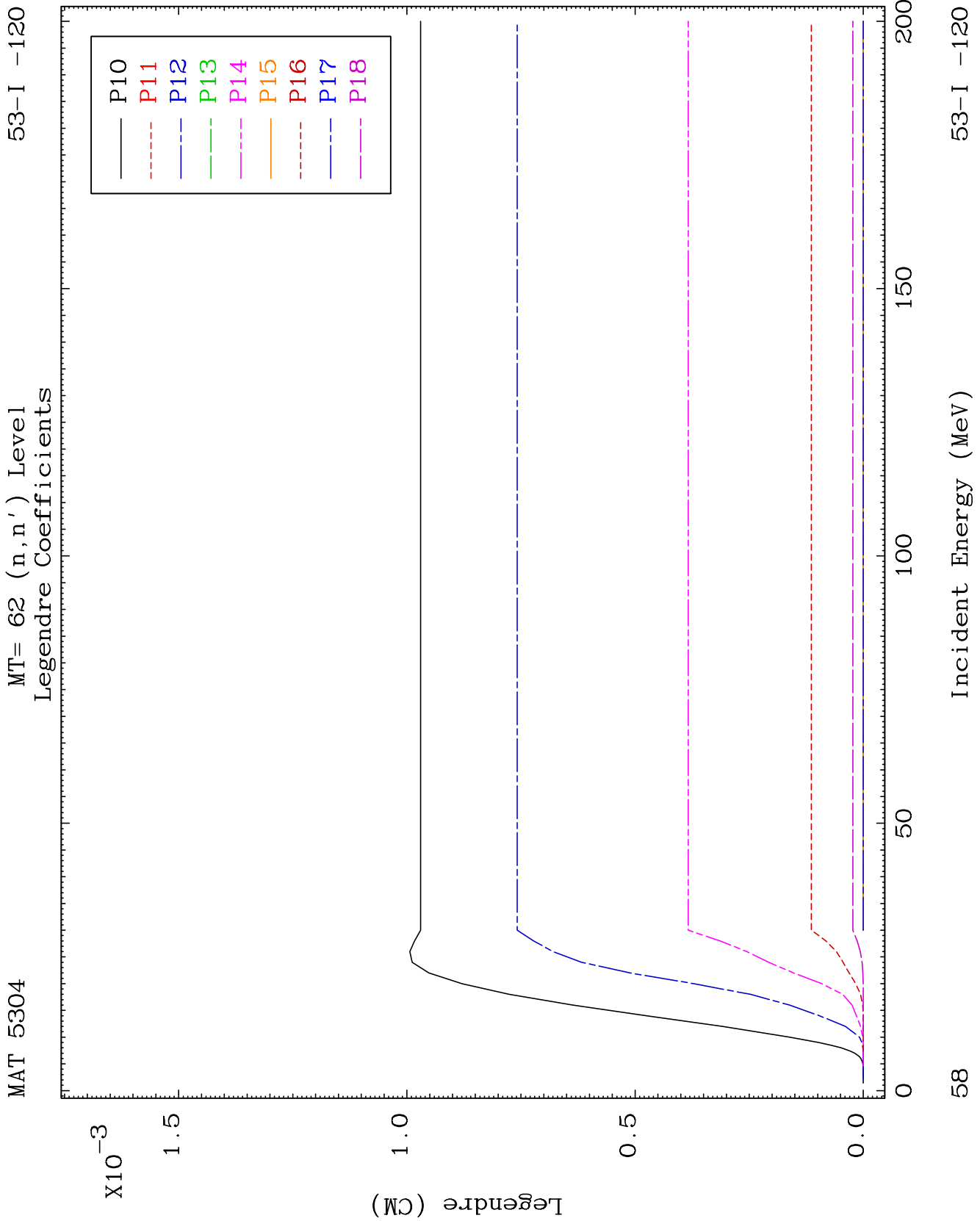


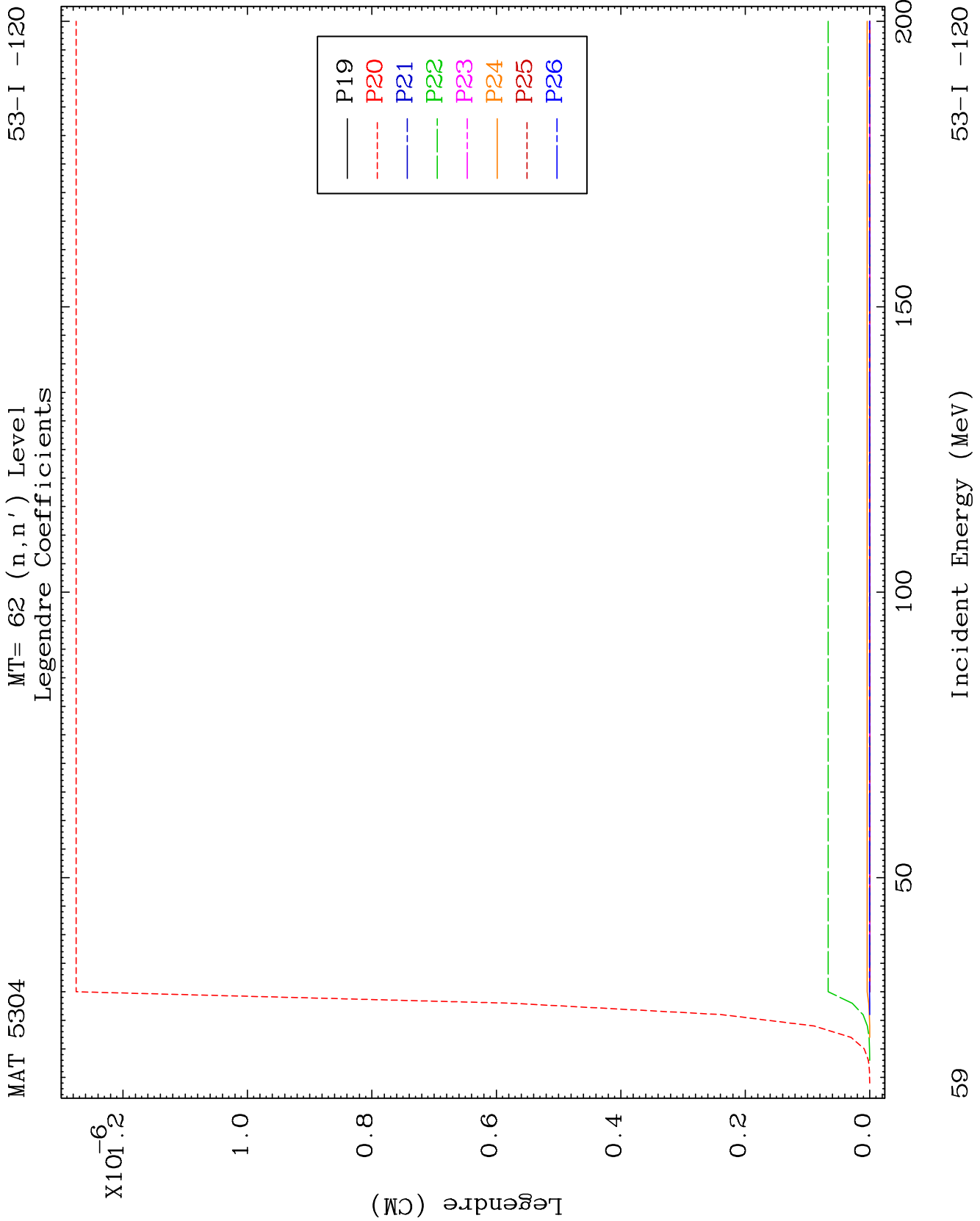








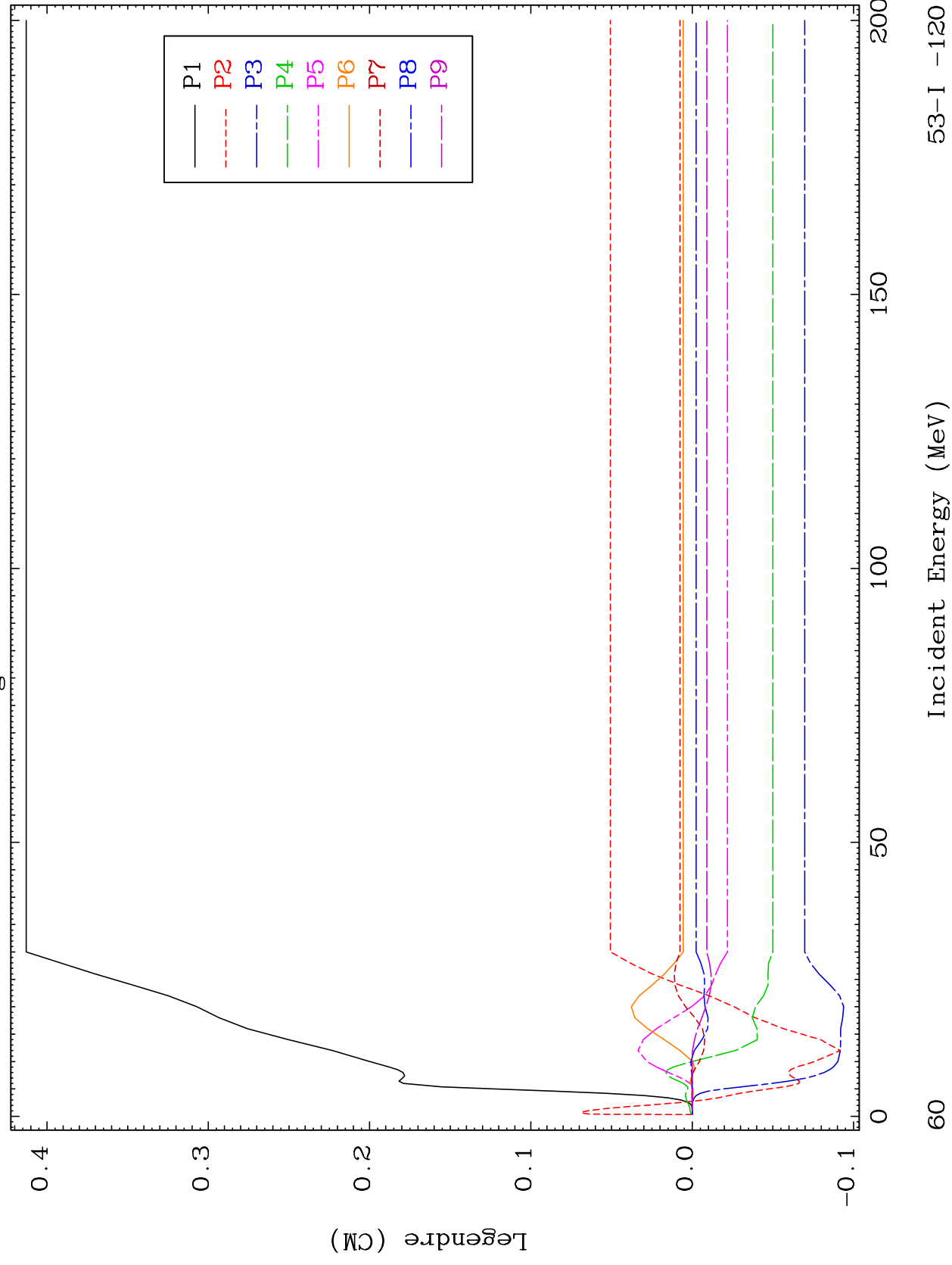




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MT= 63 (n, n') Level
Legendre Coefficients

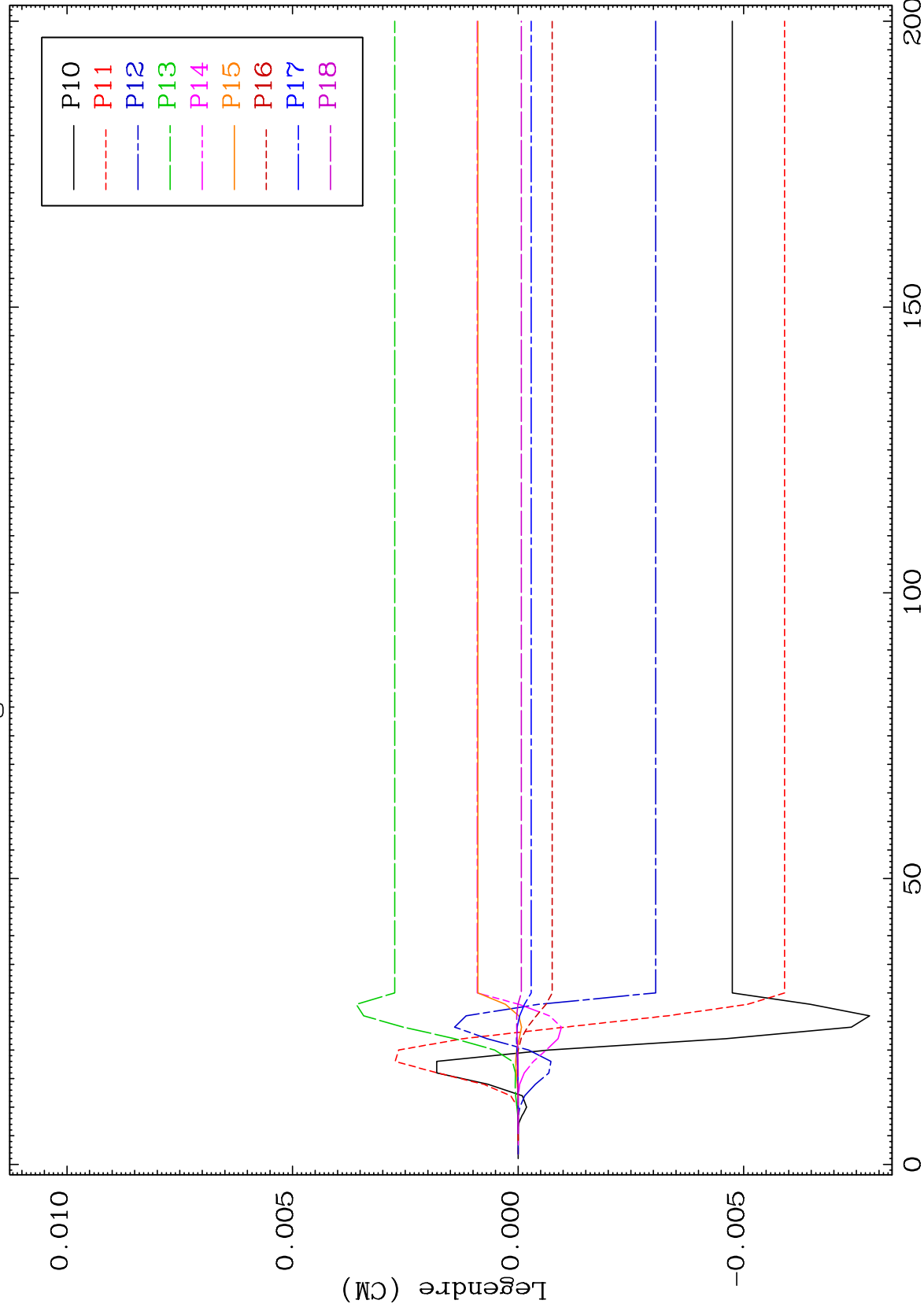
53-I -120



MAT 5304

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

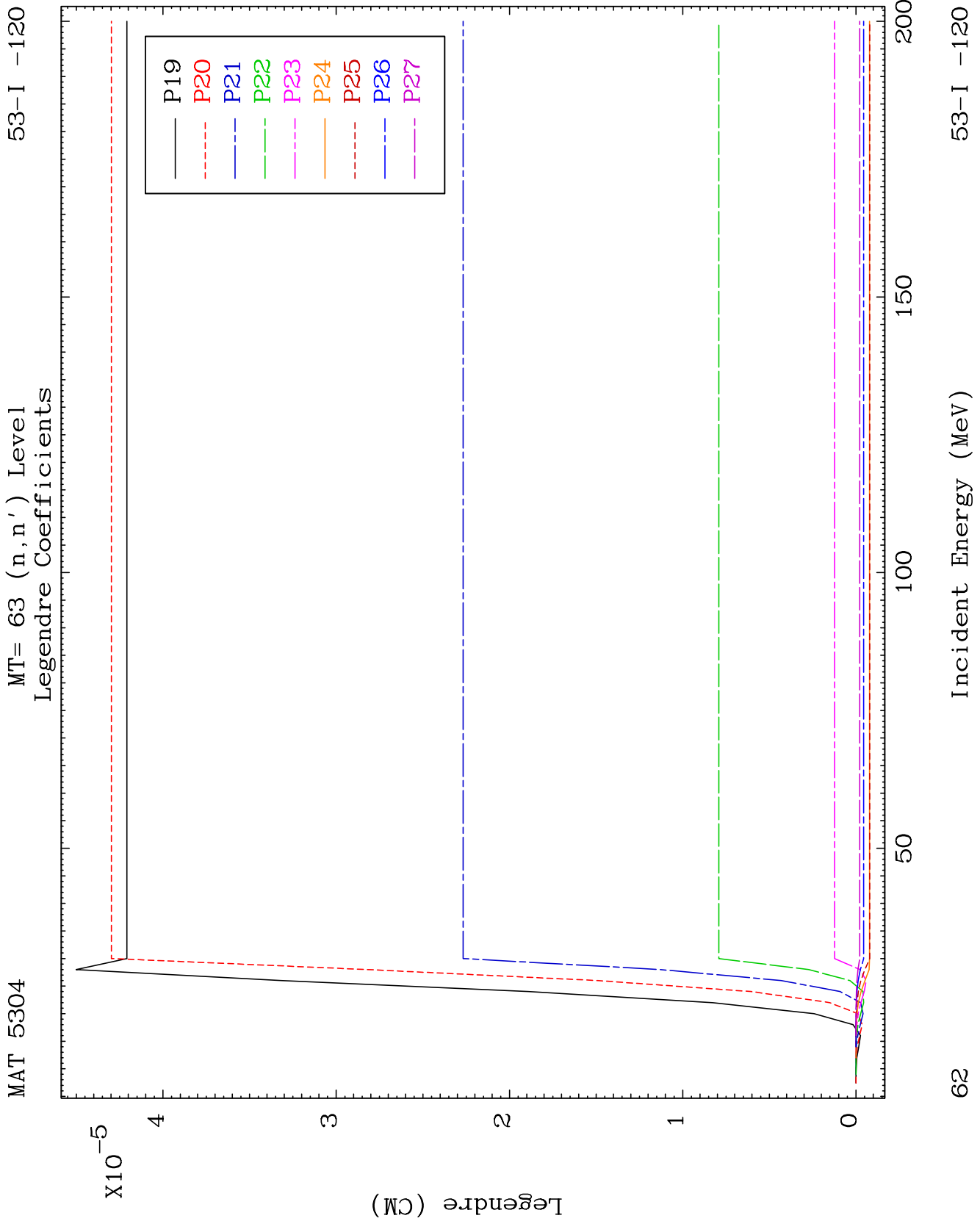
53-I -120



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Incident Energy (MeV)

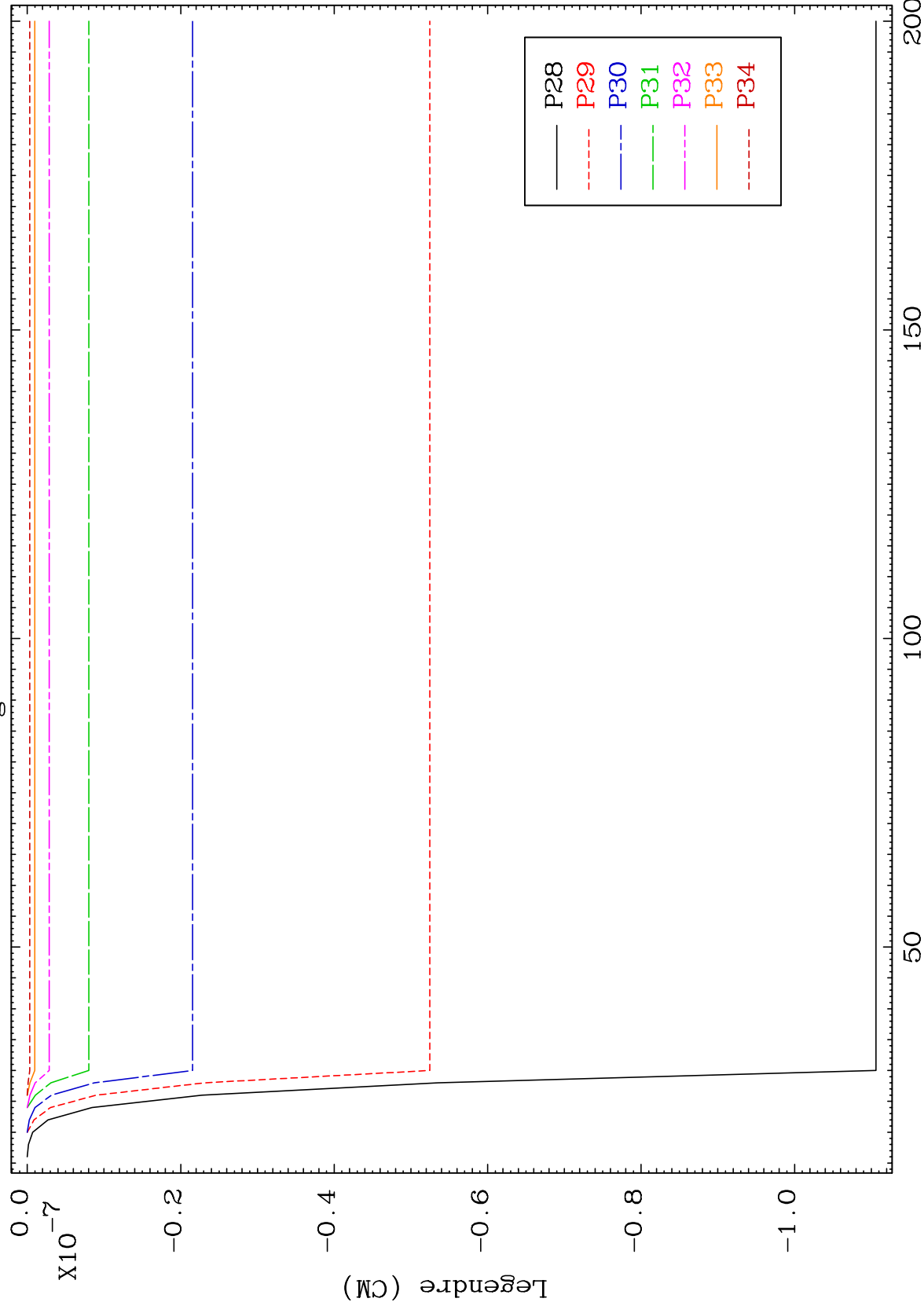
53-I -120



MAT 5304

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

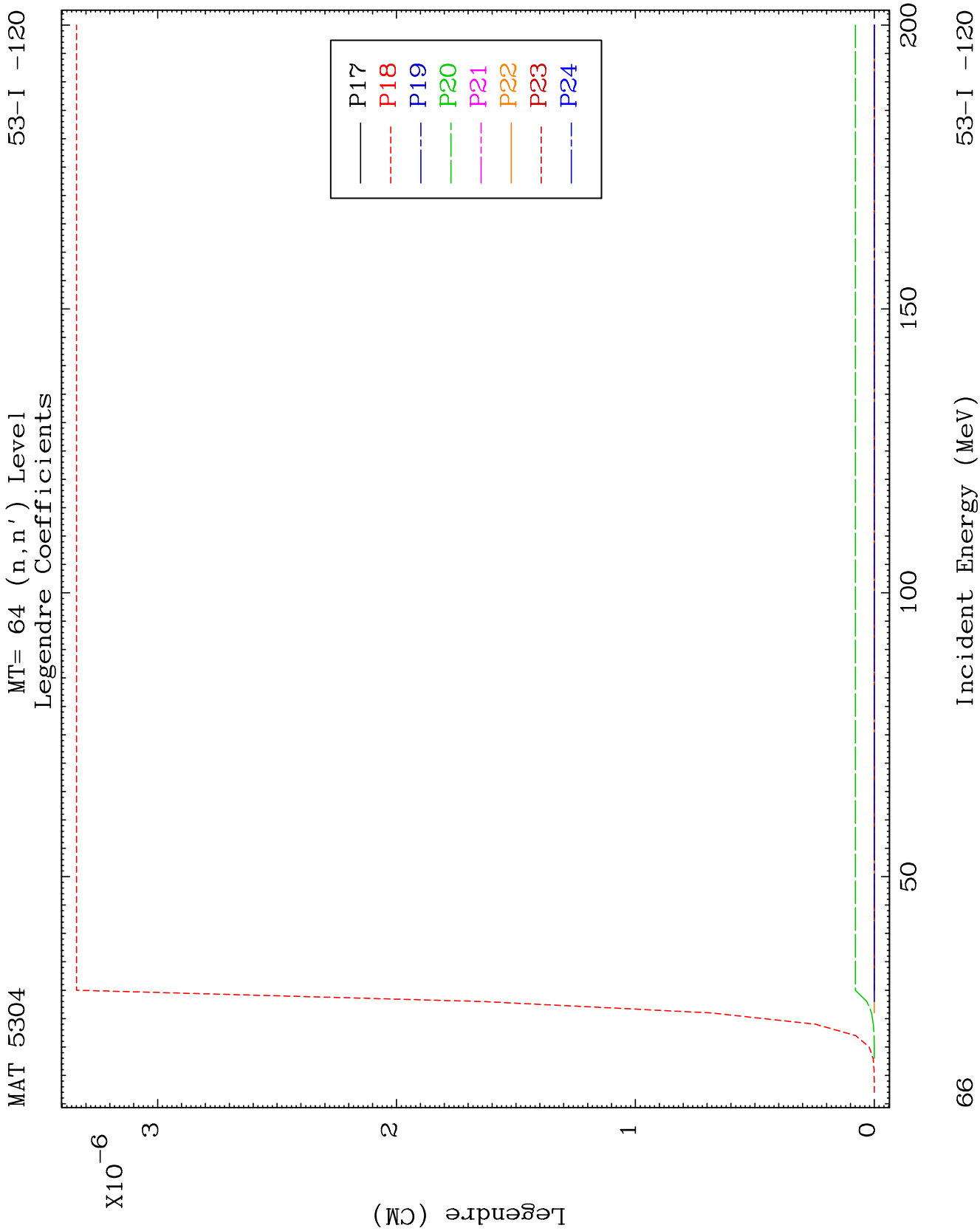
53-I -120

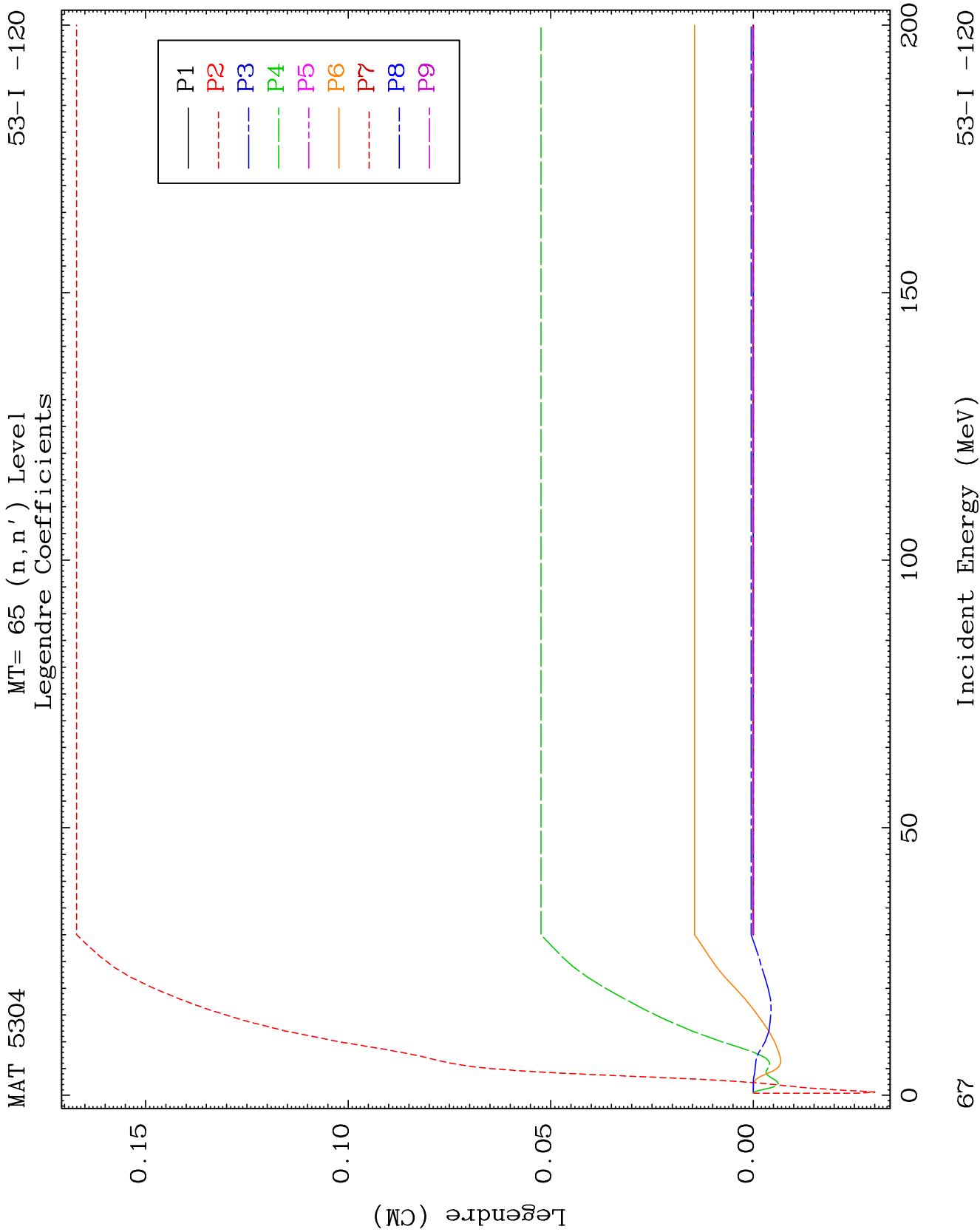


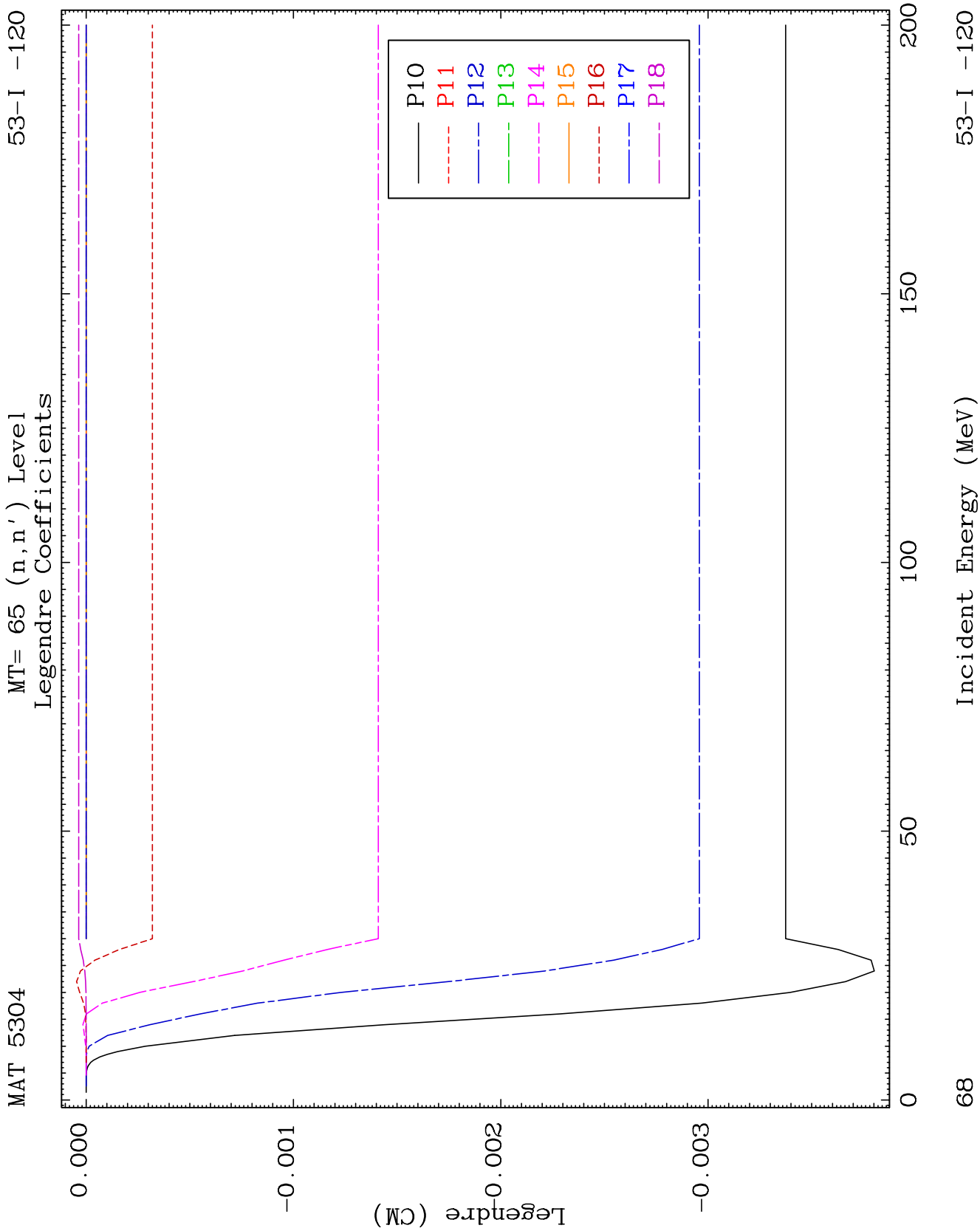
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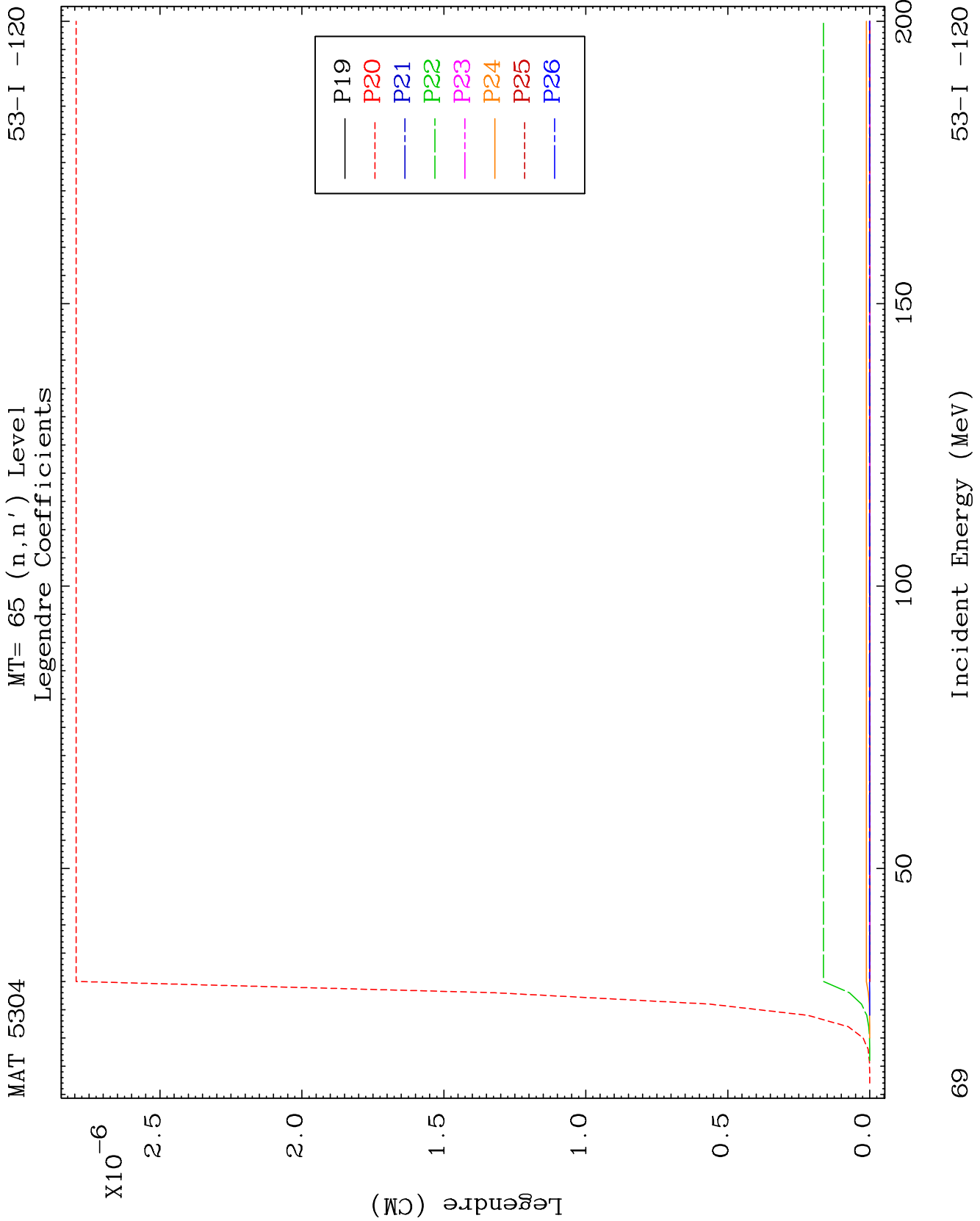
Incident Energy (MeV)

53-I -120





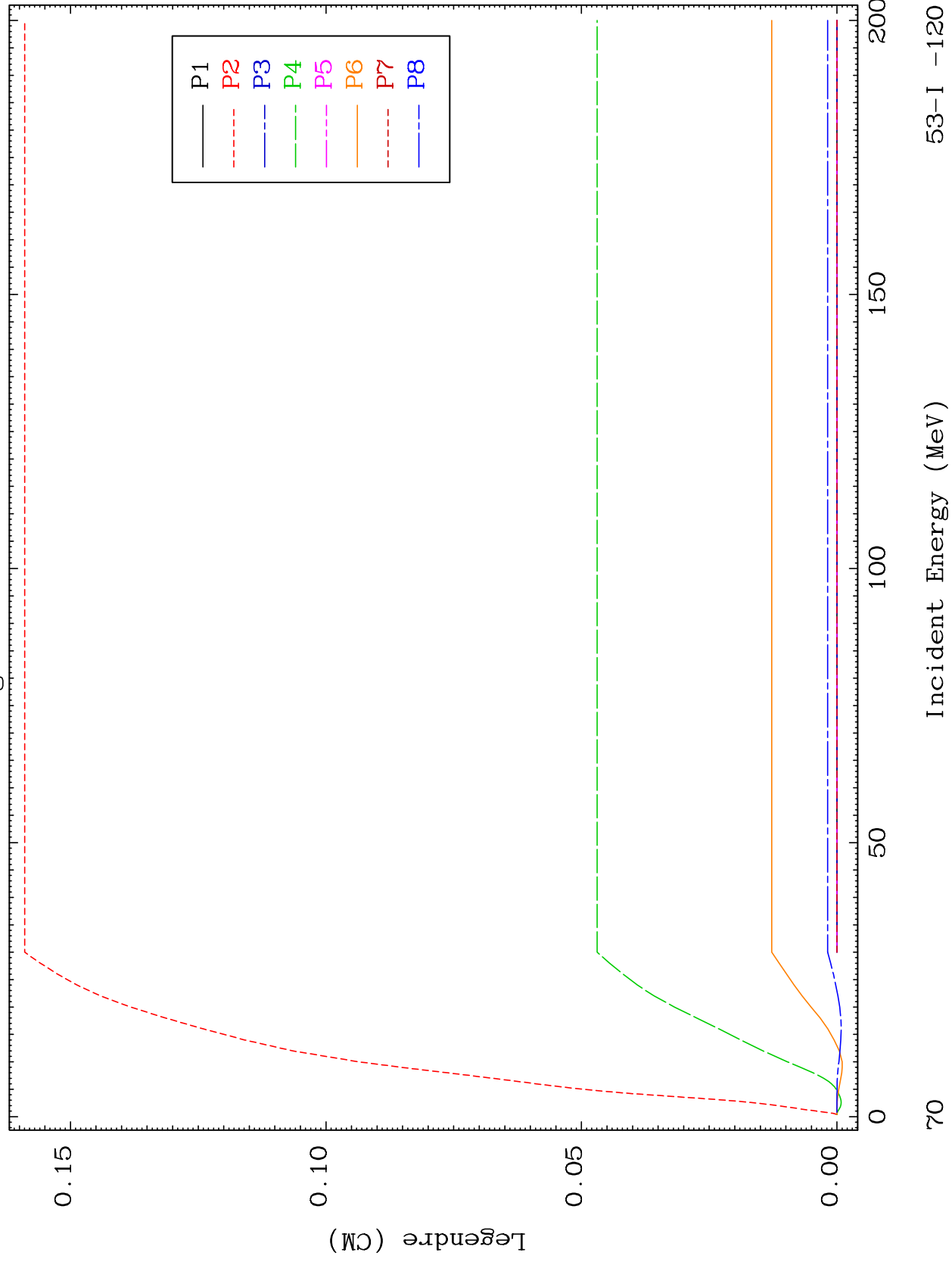


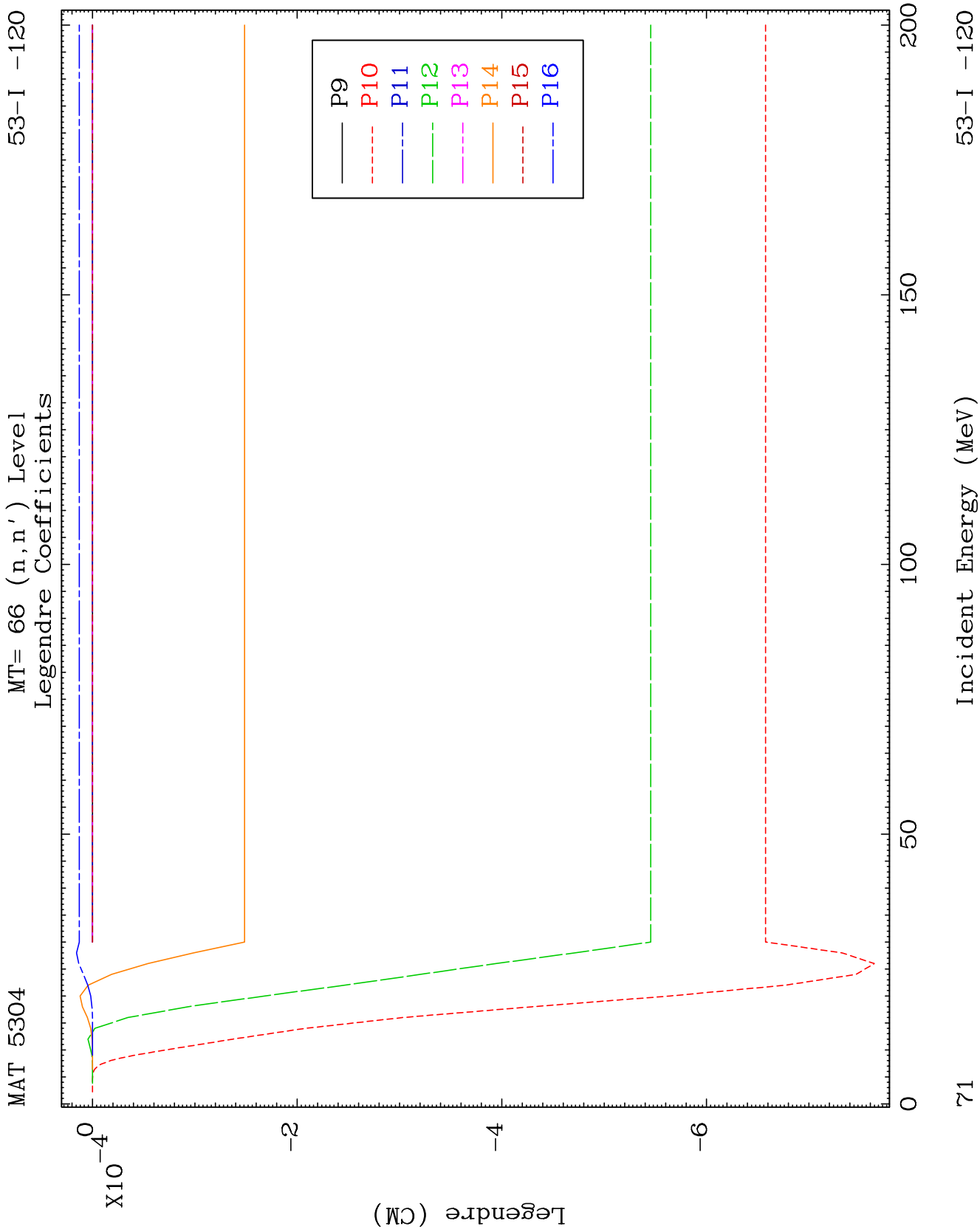


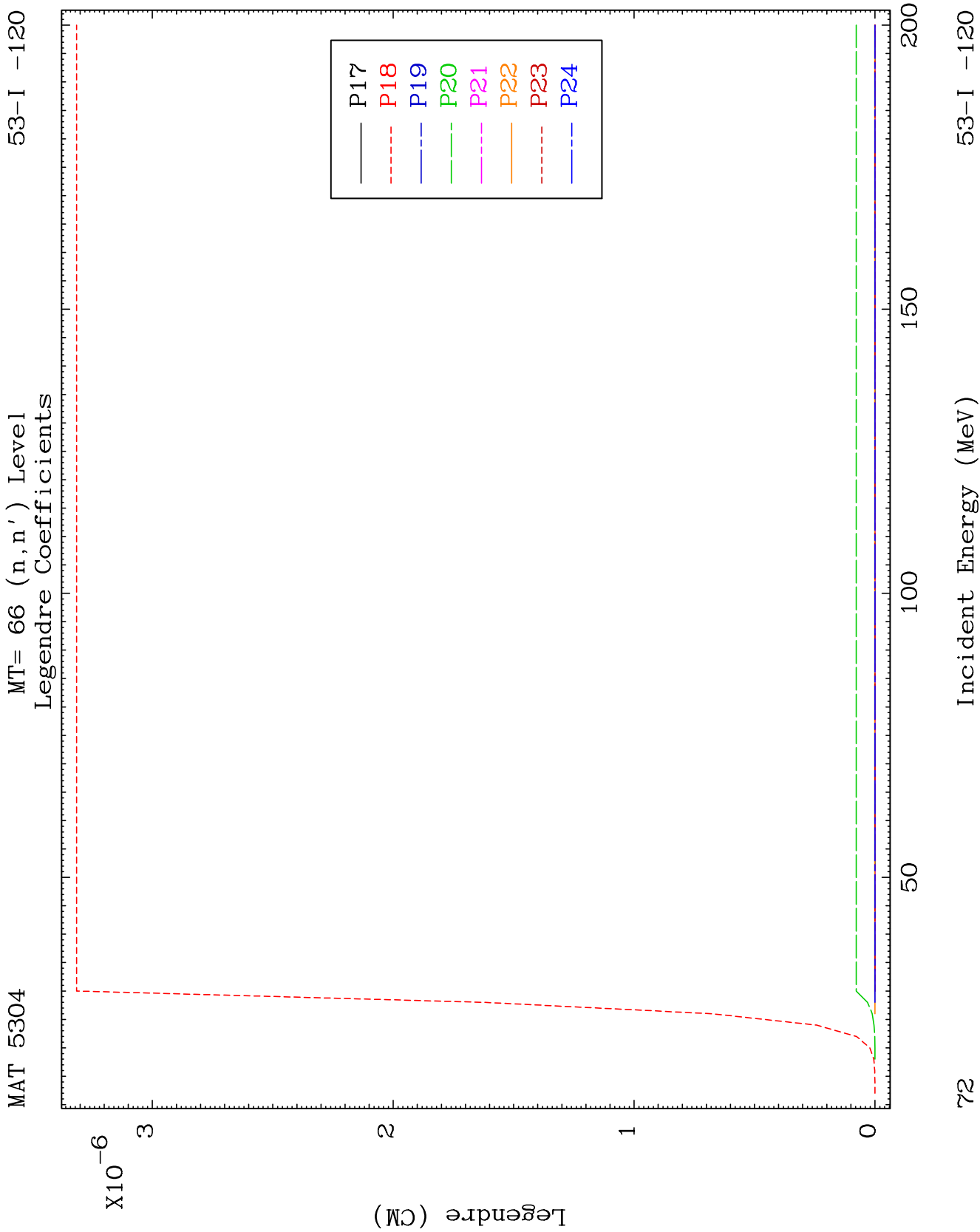
MAT 5304

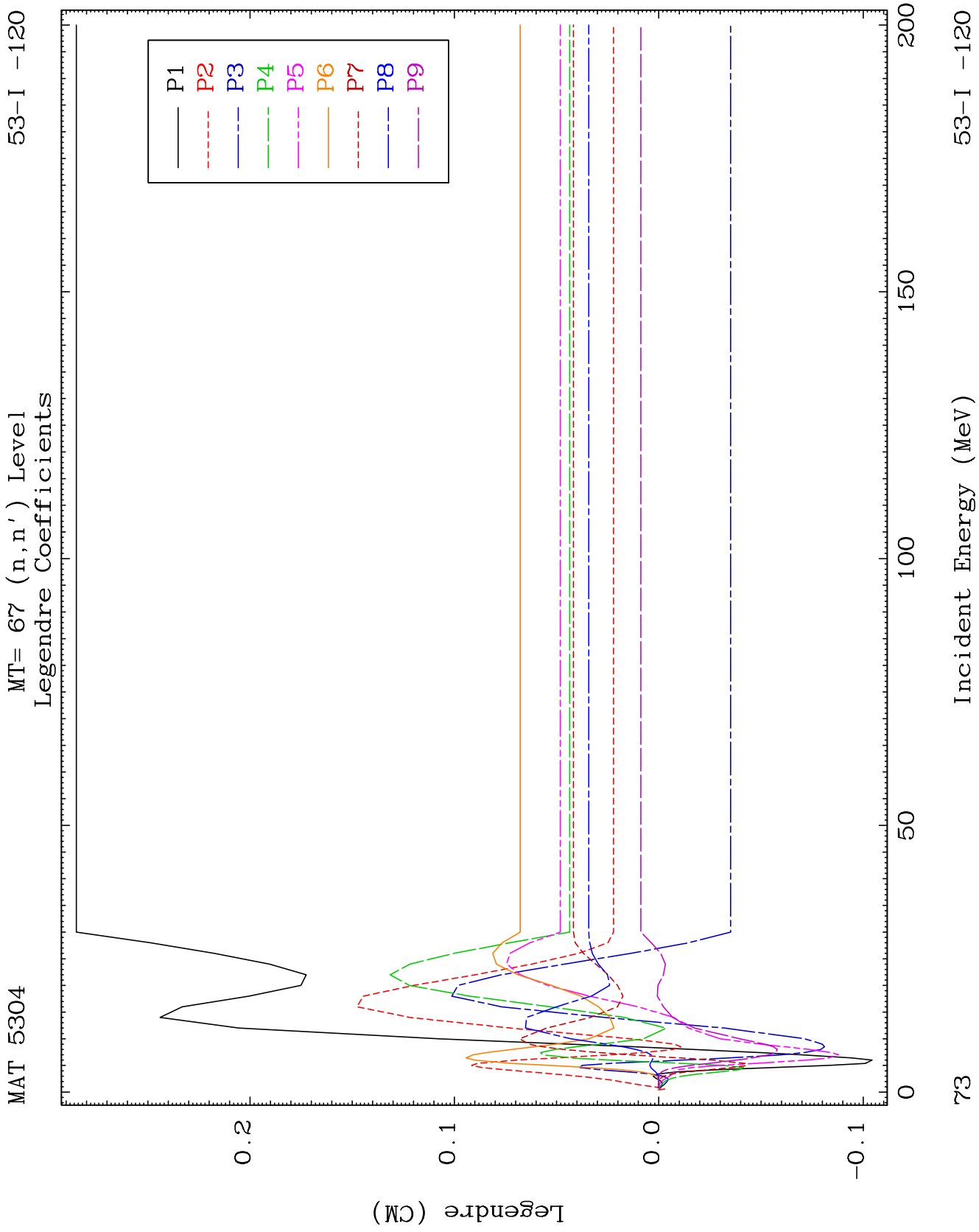
MT= 66 (n, n') Level
Legendre Coefficients

53-I -120





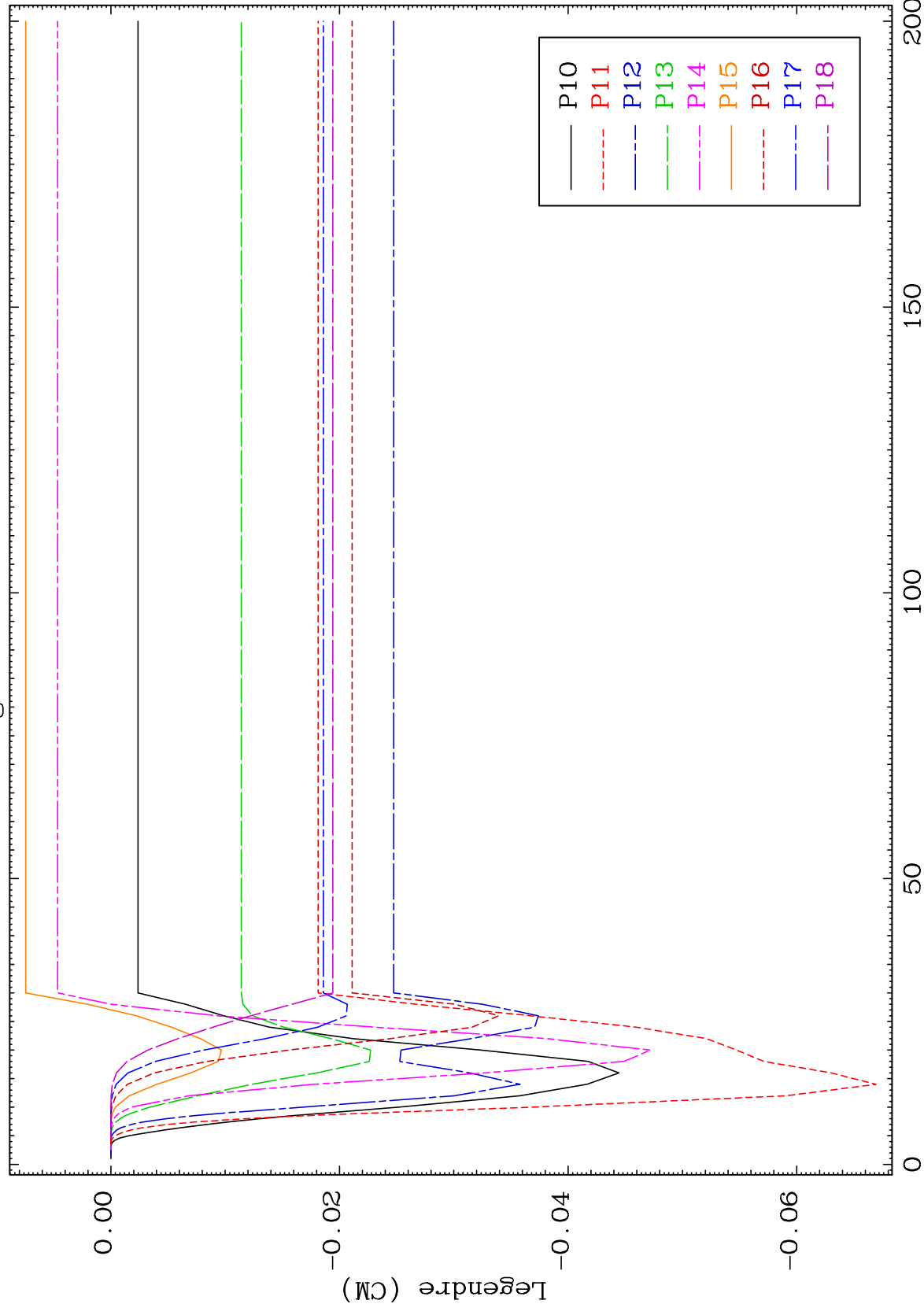




MAT 5304

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

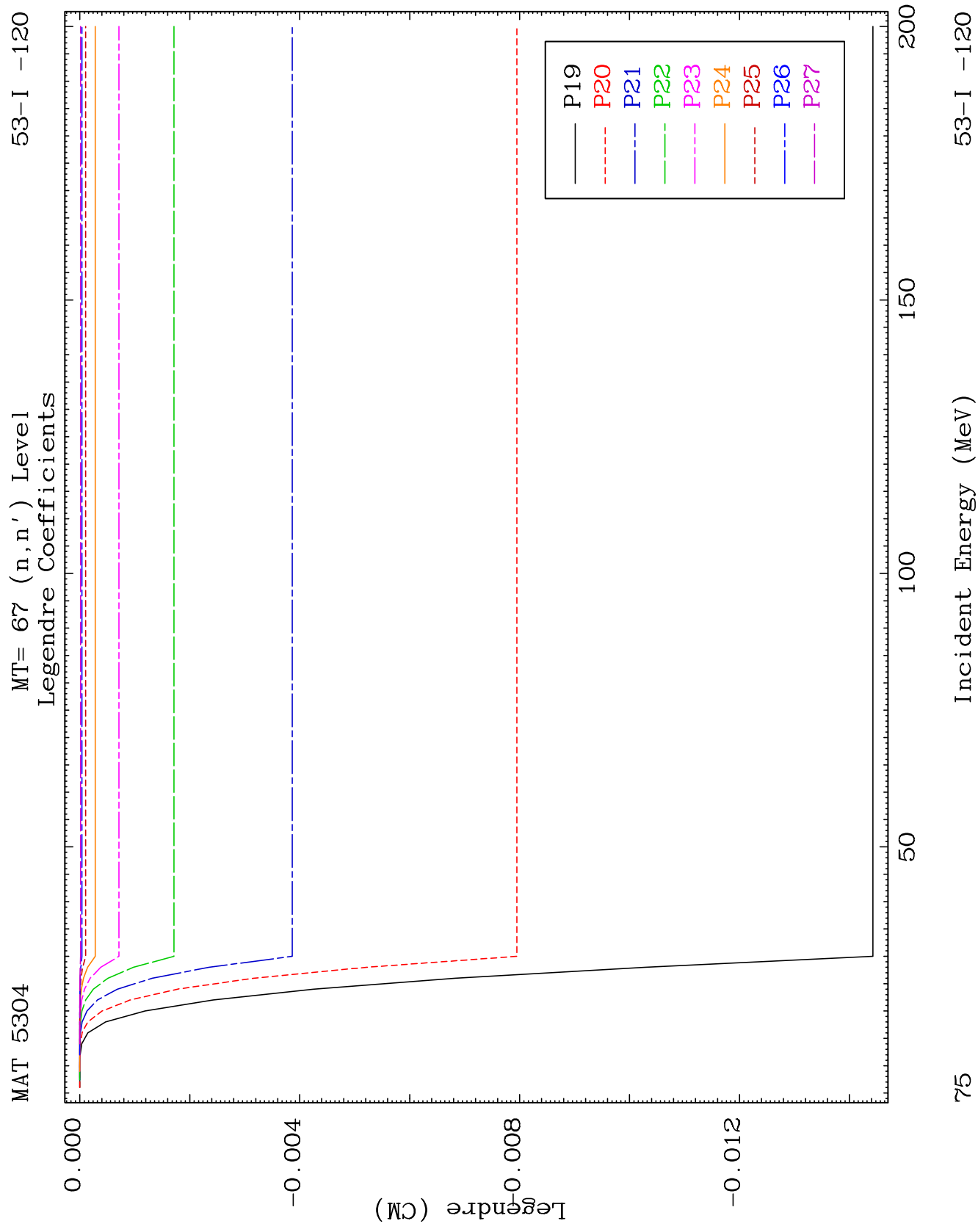
53-I -120

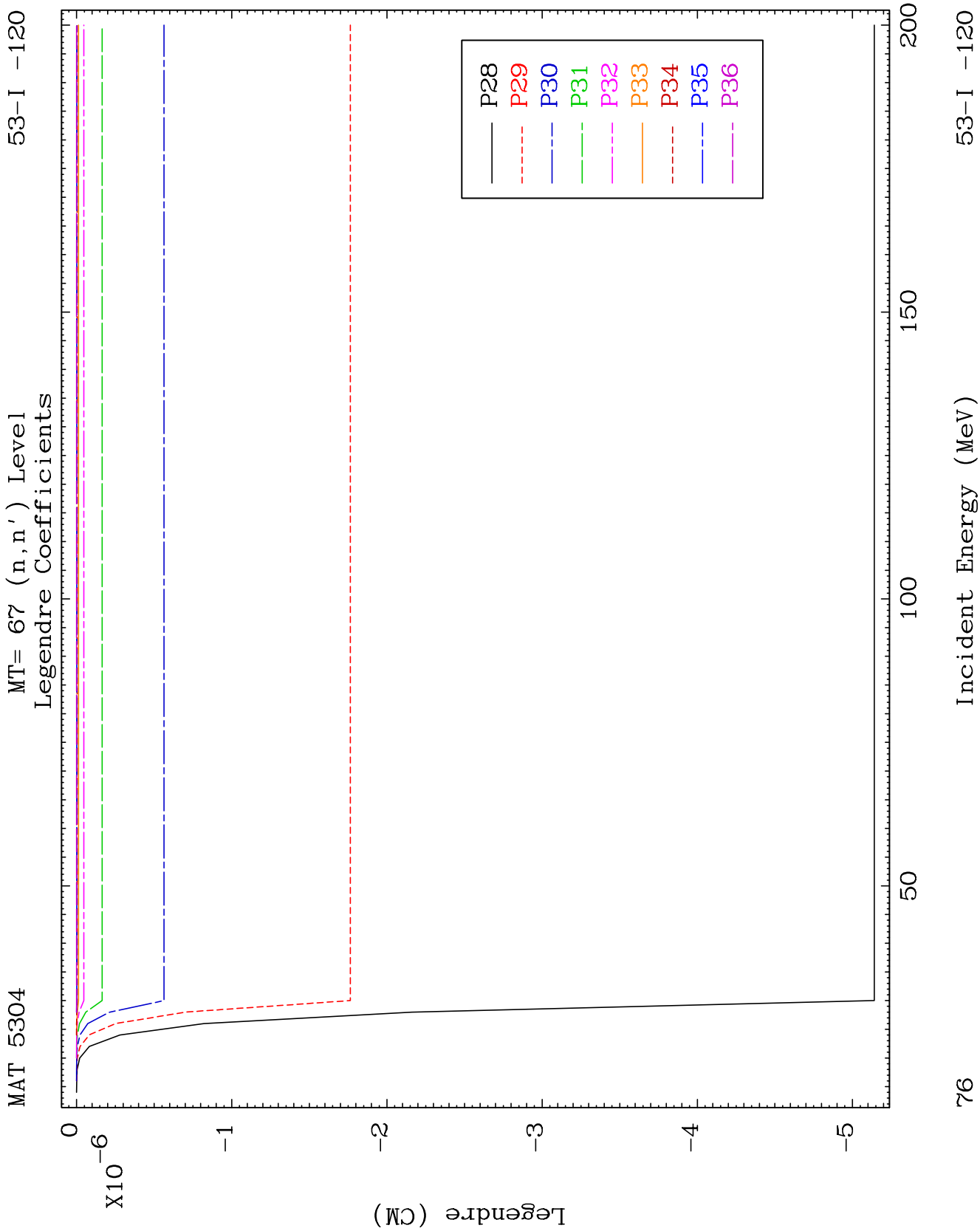


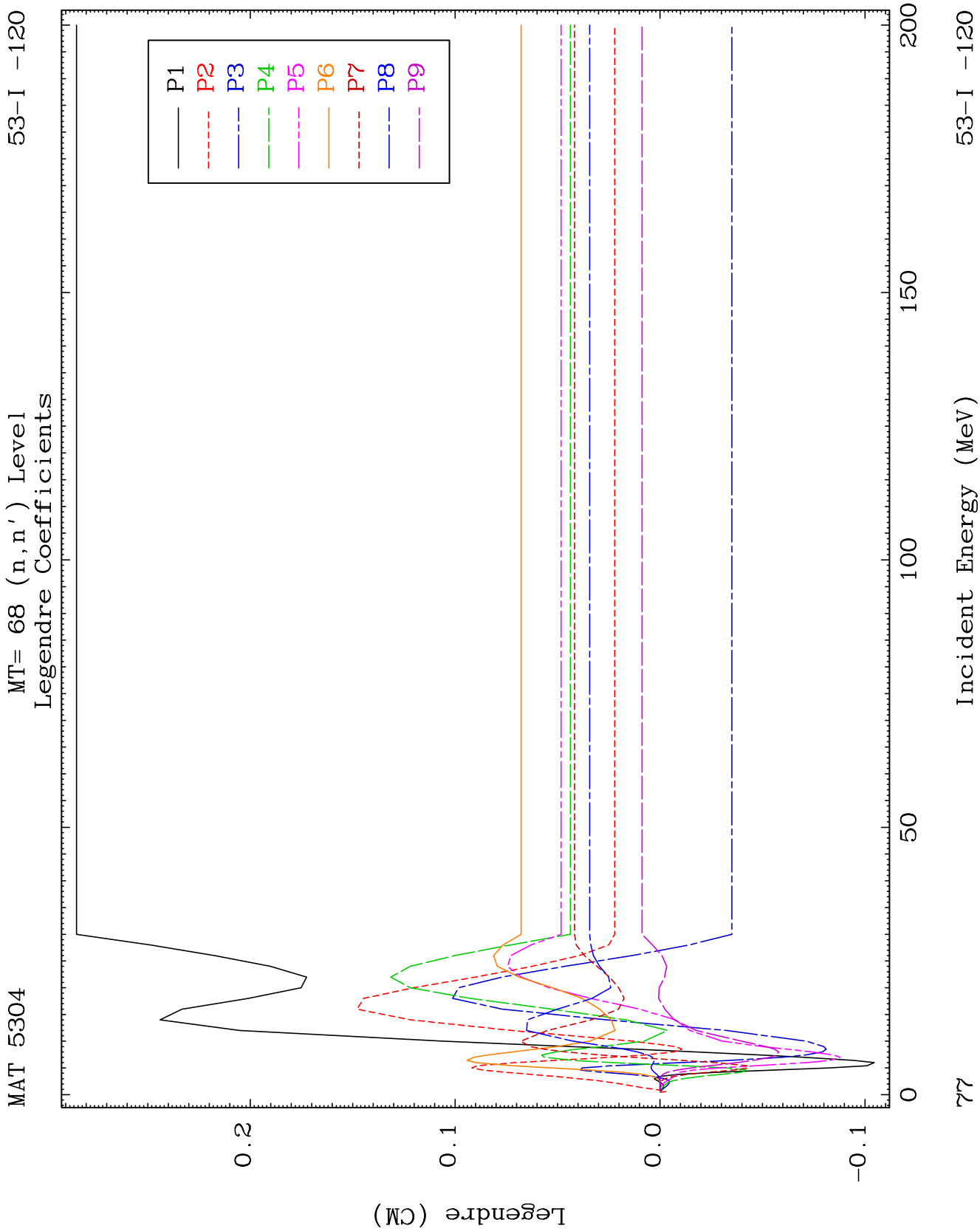
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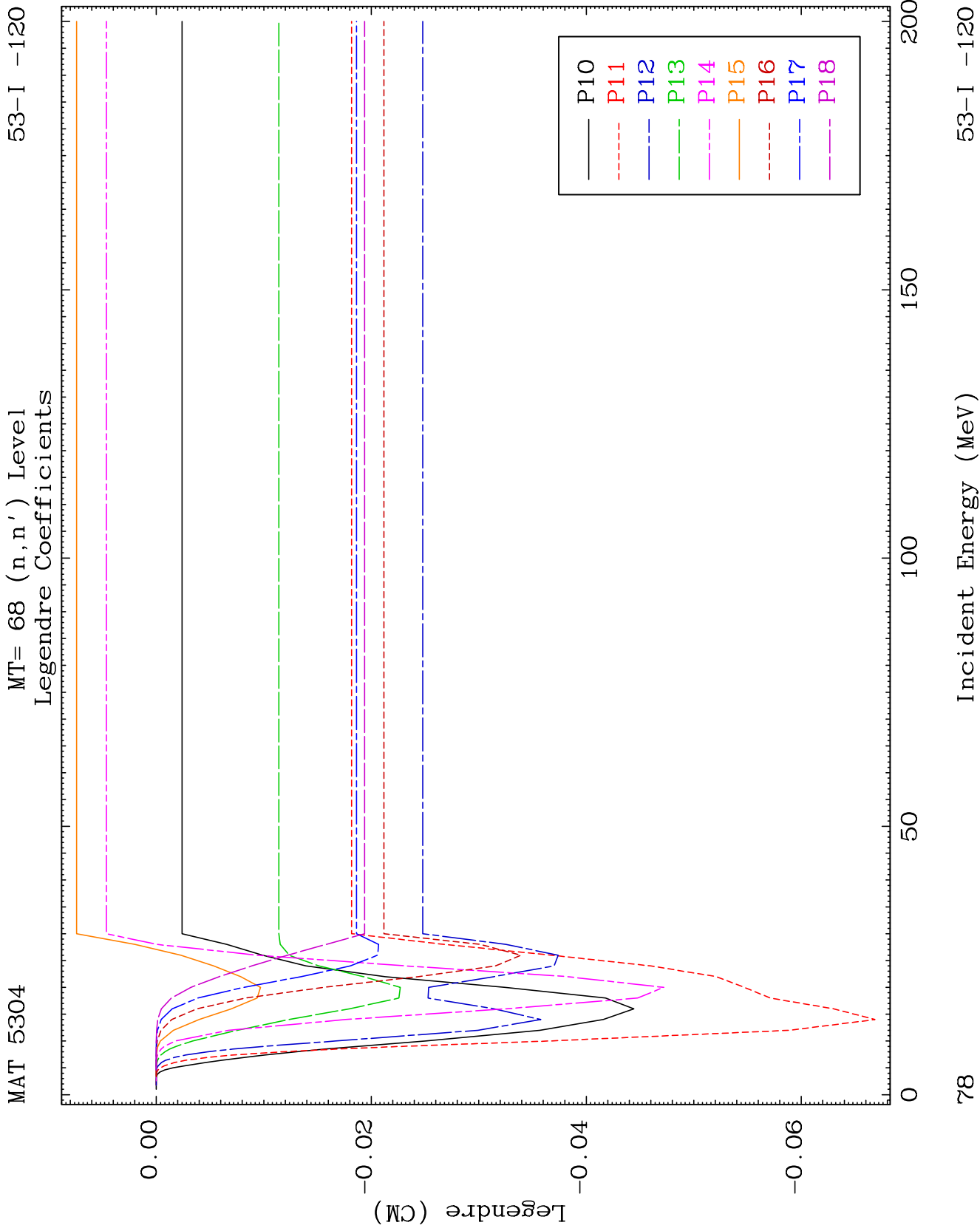
Incident Energy (MeV)

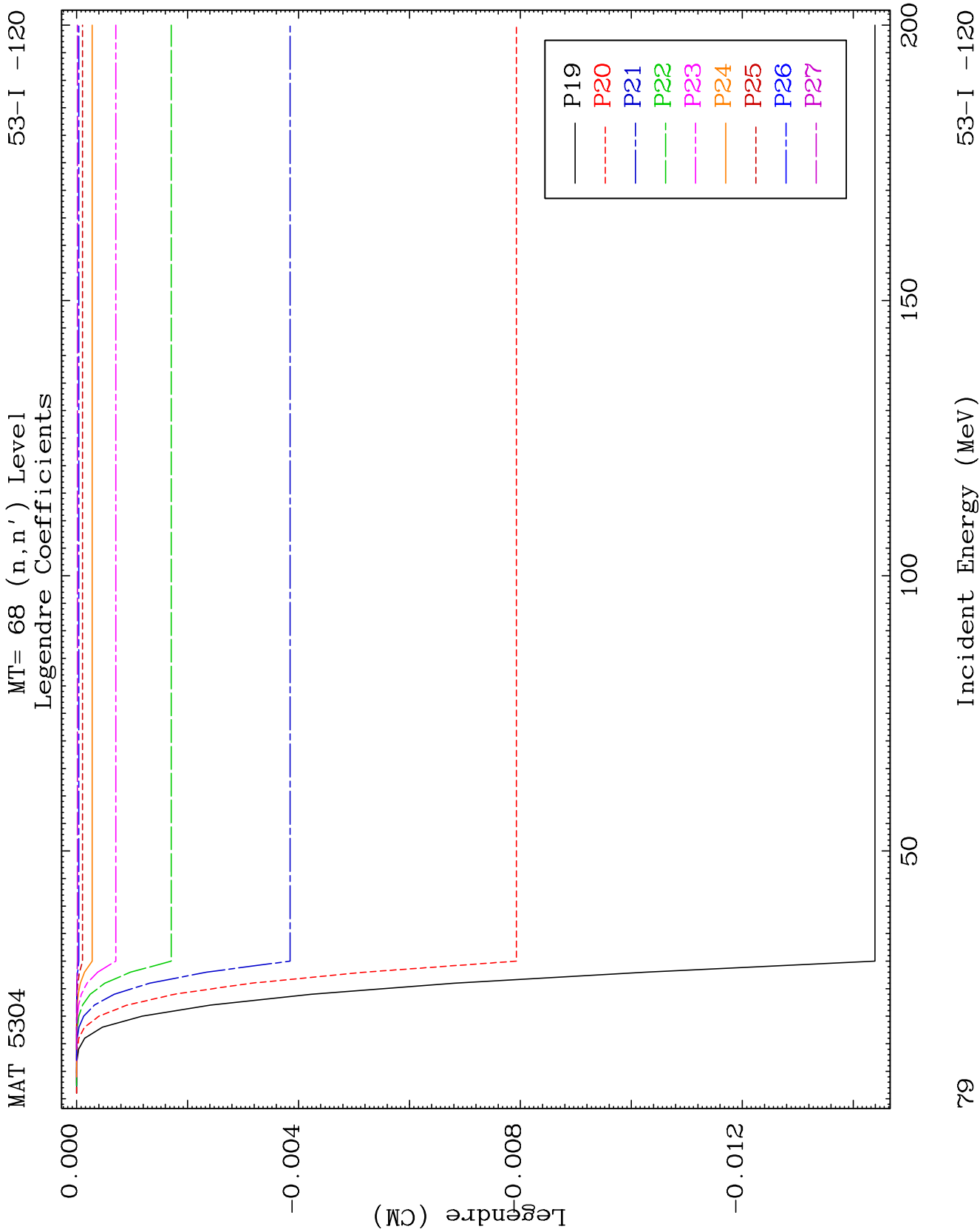
53-I -120

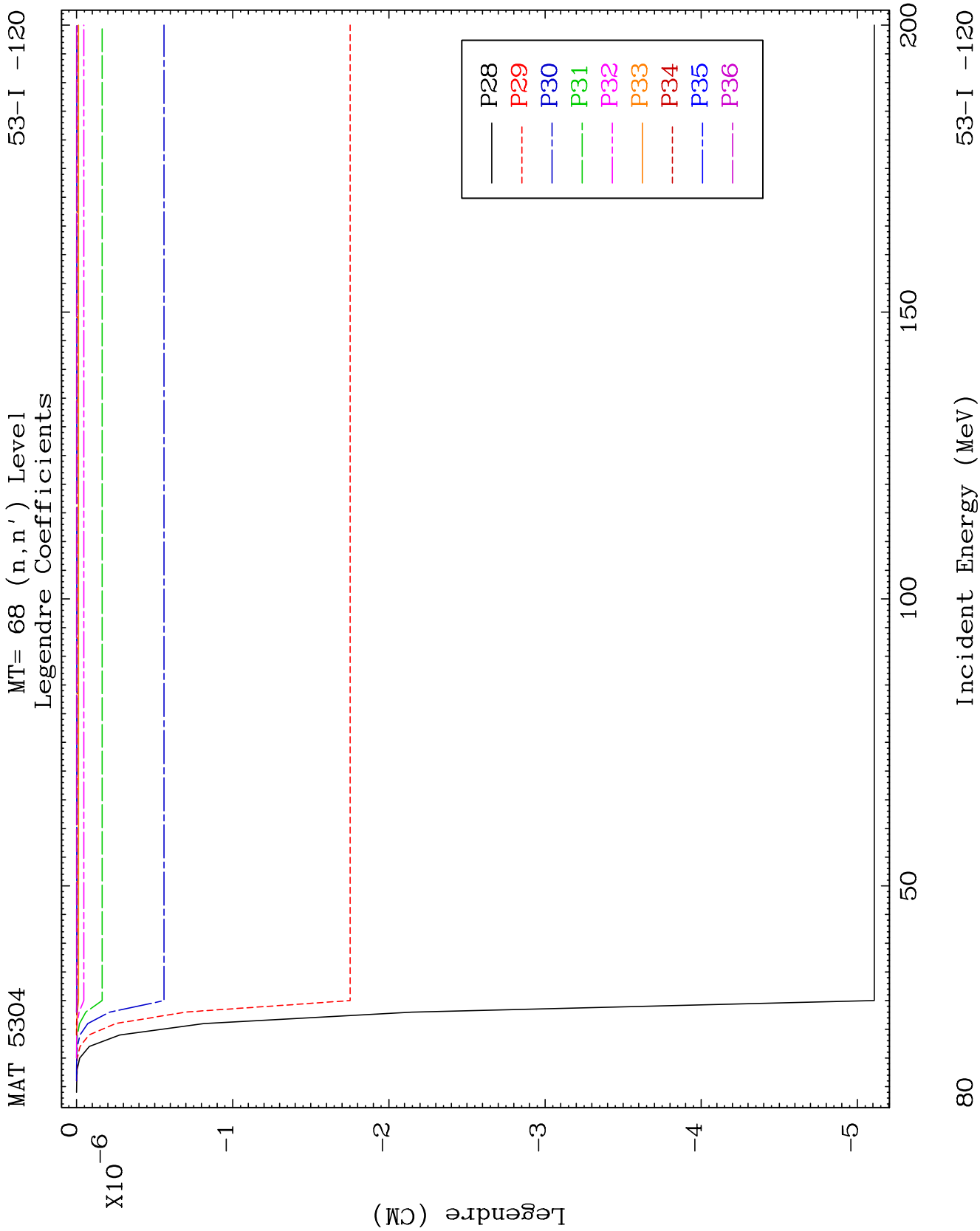










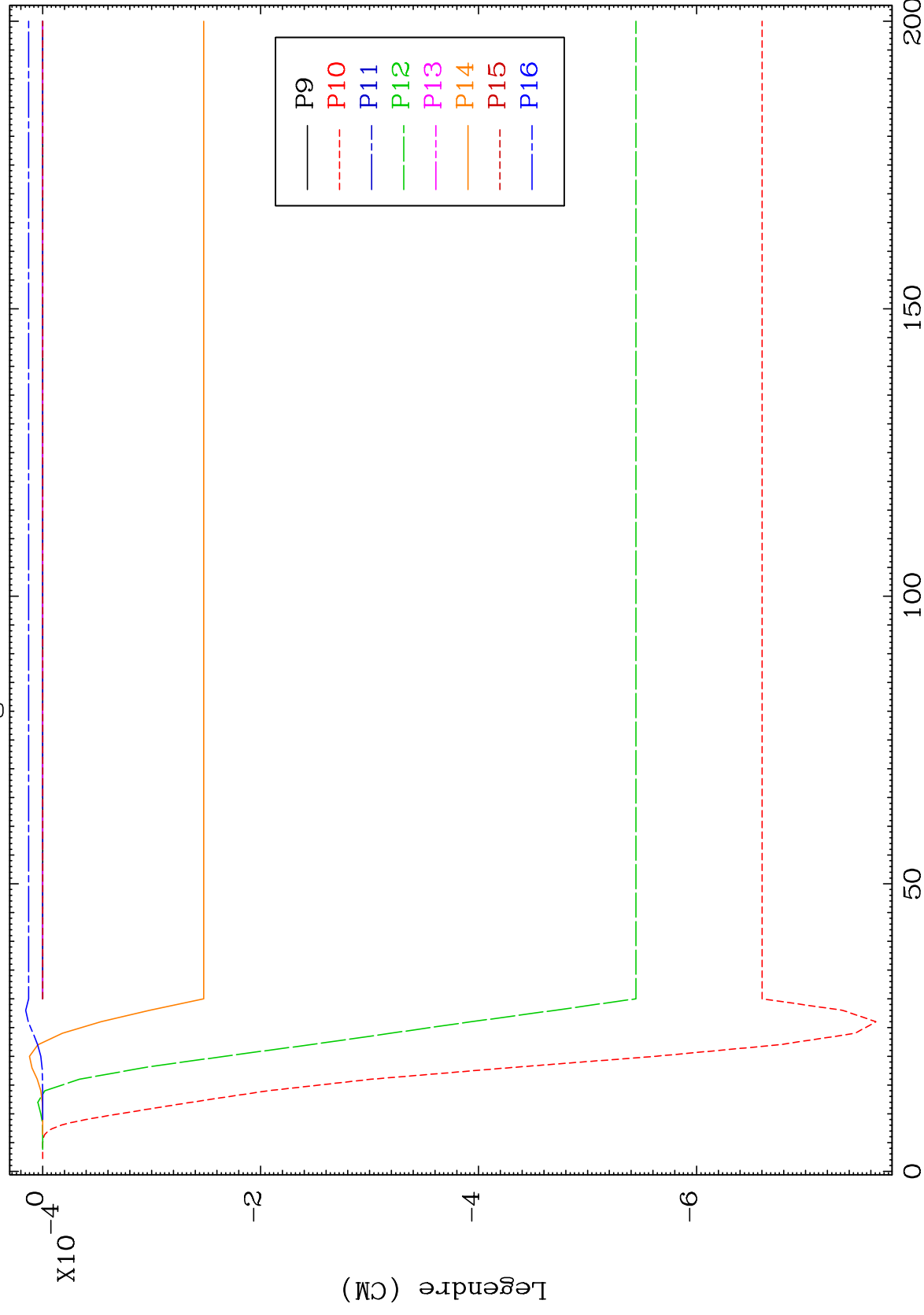


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MT= 69 (n, n') Level

53-I -120

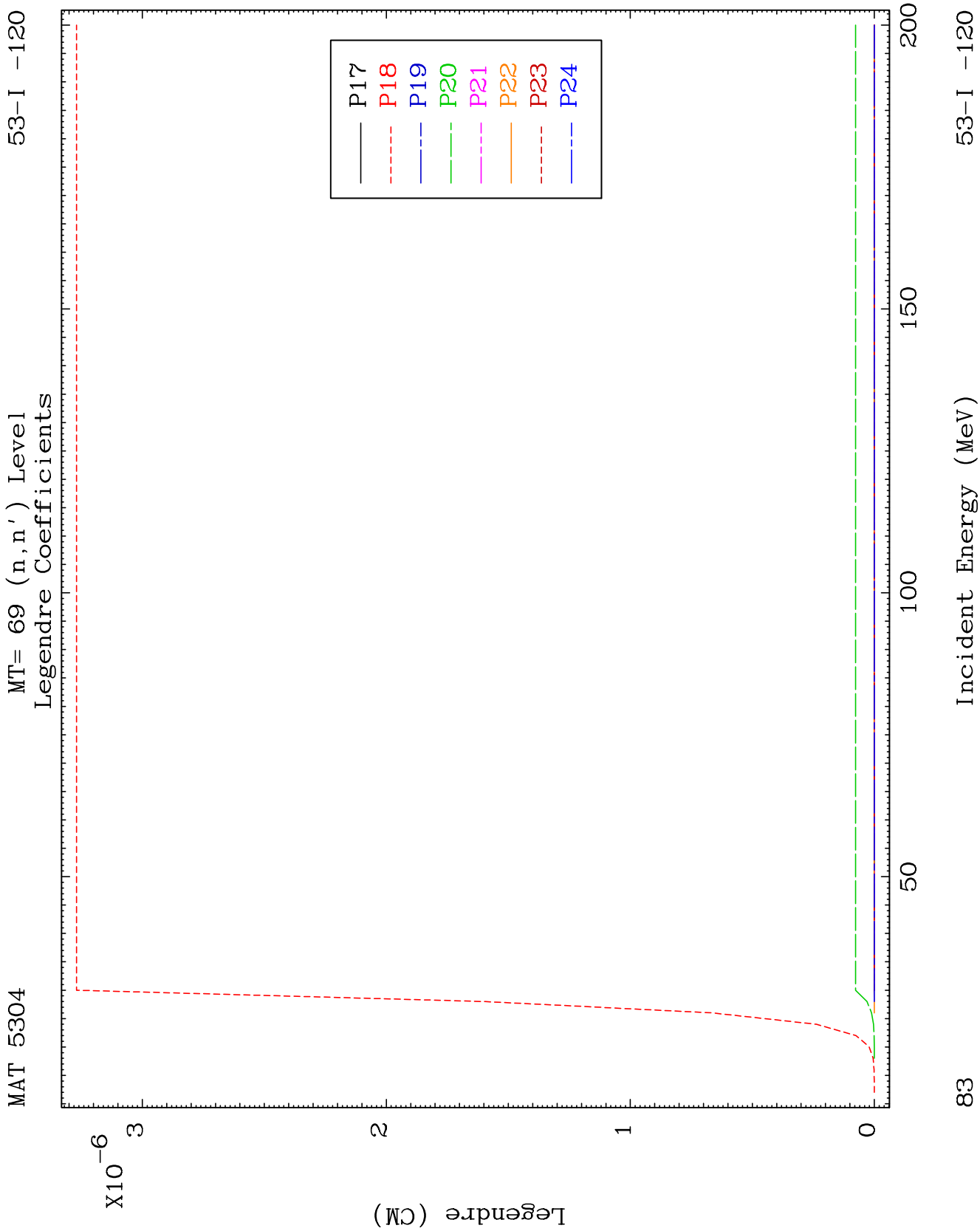
Legendre Coefficients

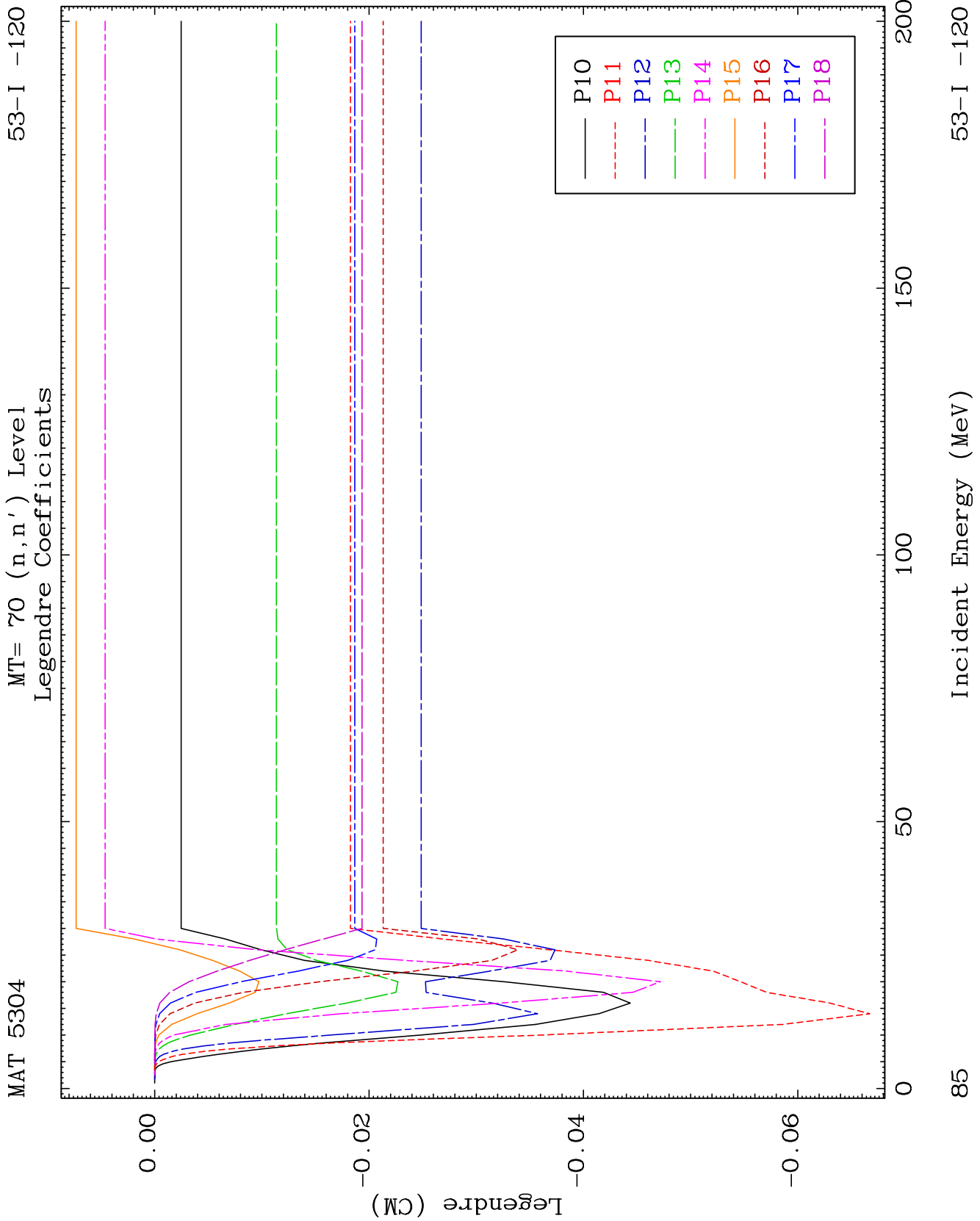


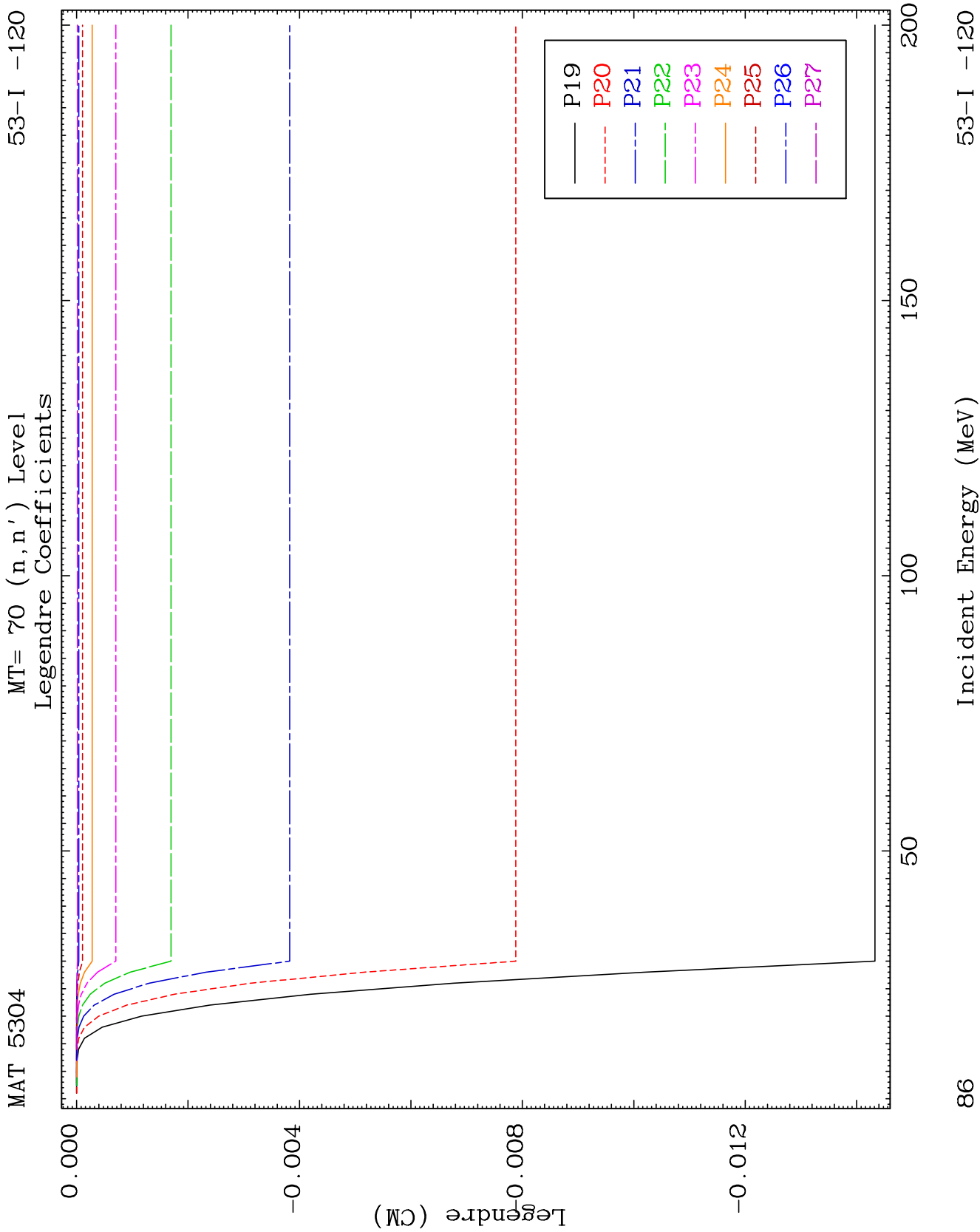
28

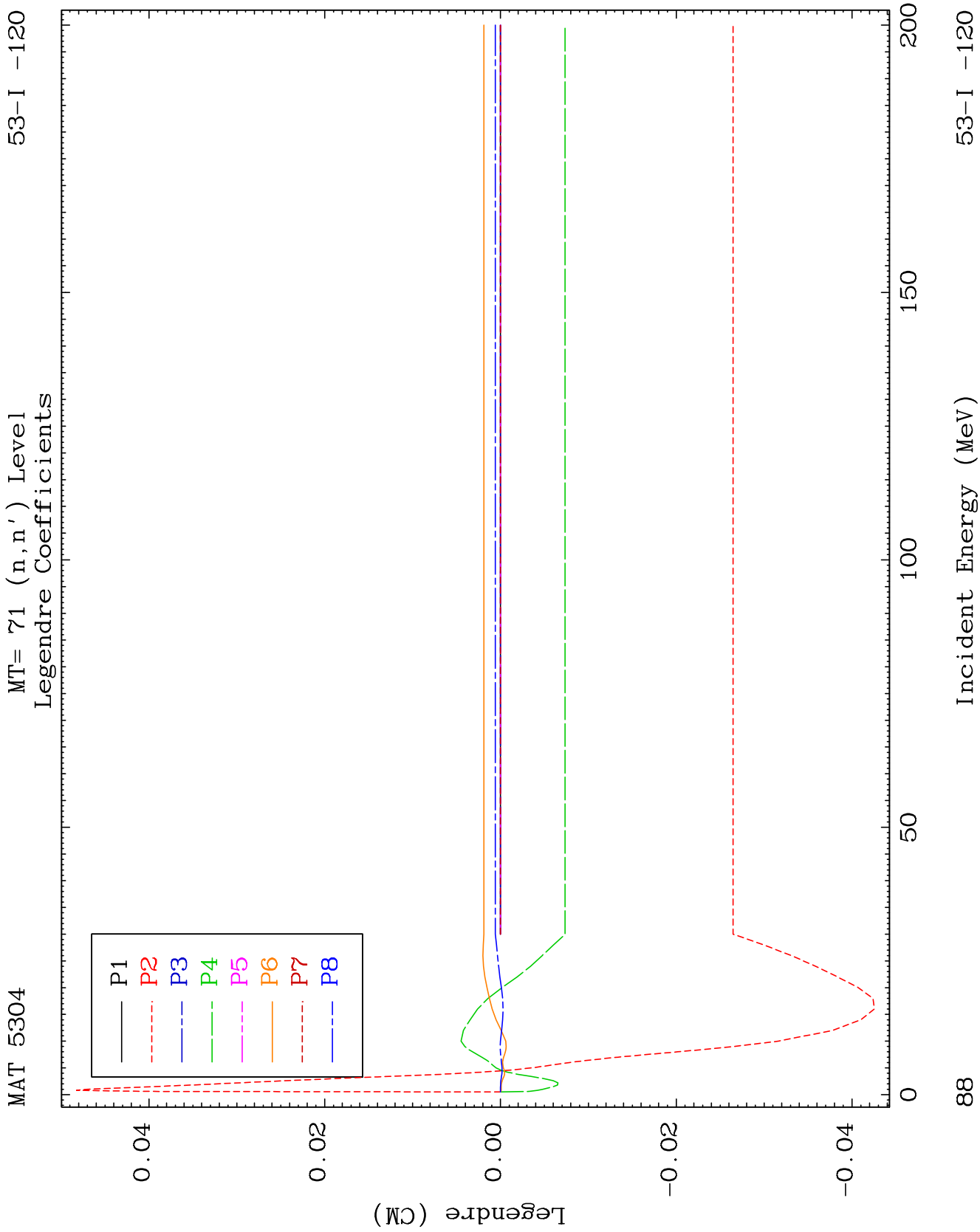
Incident Energy (MeV)

53-I -120





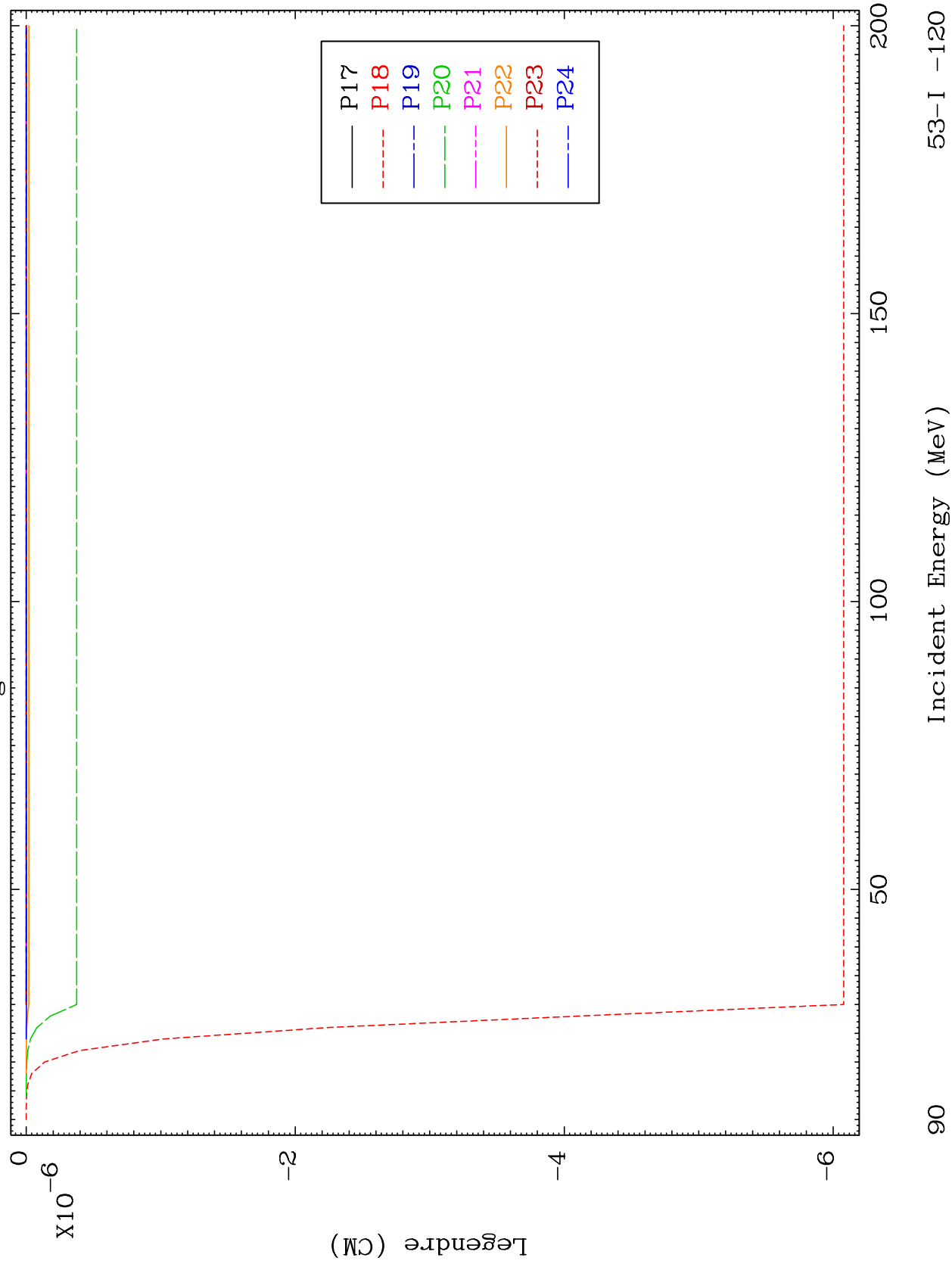




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MT= 71 (n, n') Level
Legendre Coefficients

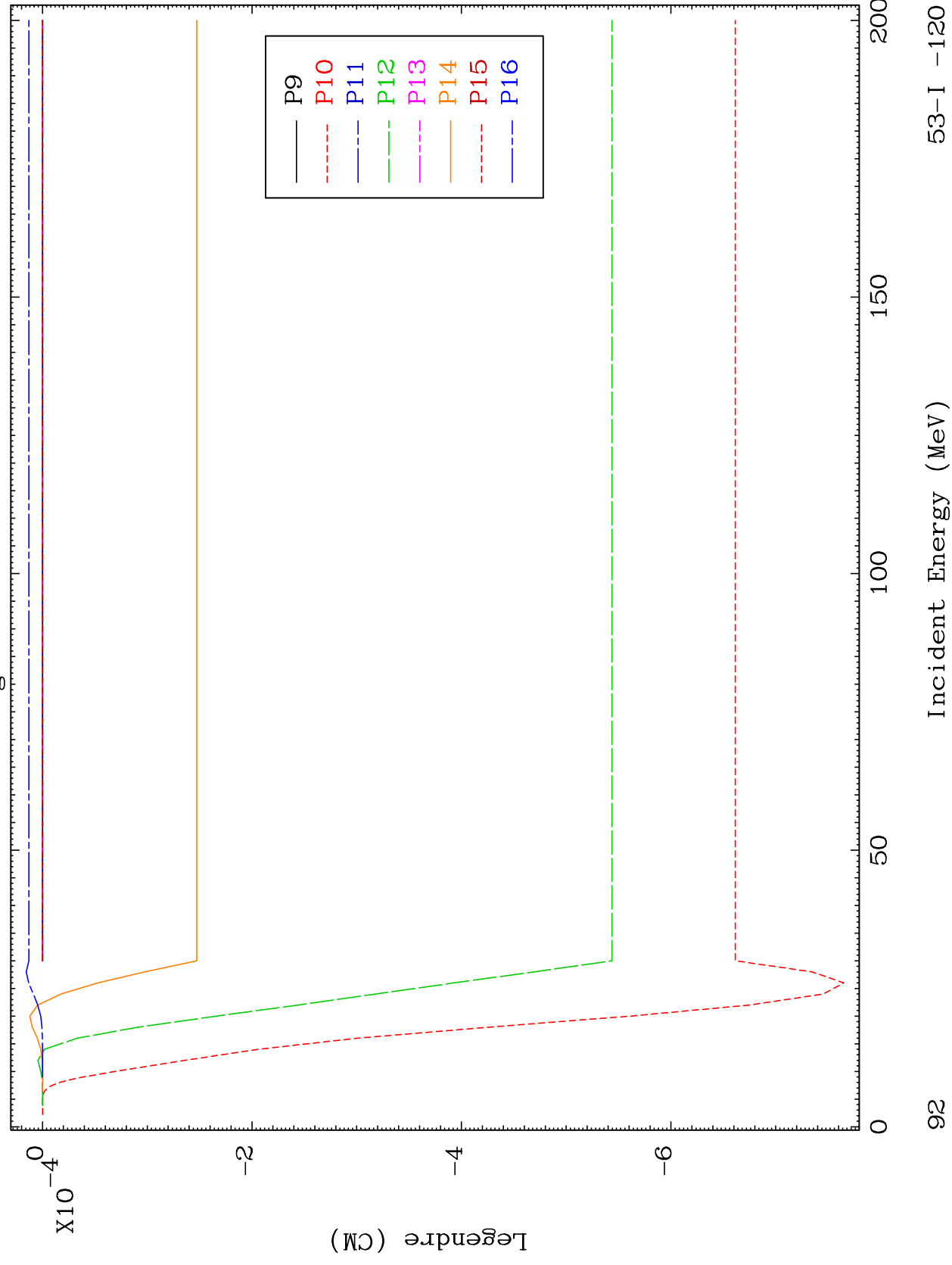
53-I -120

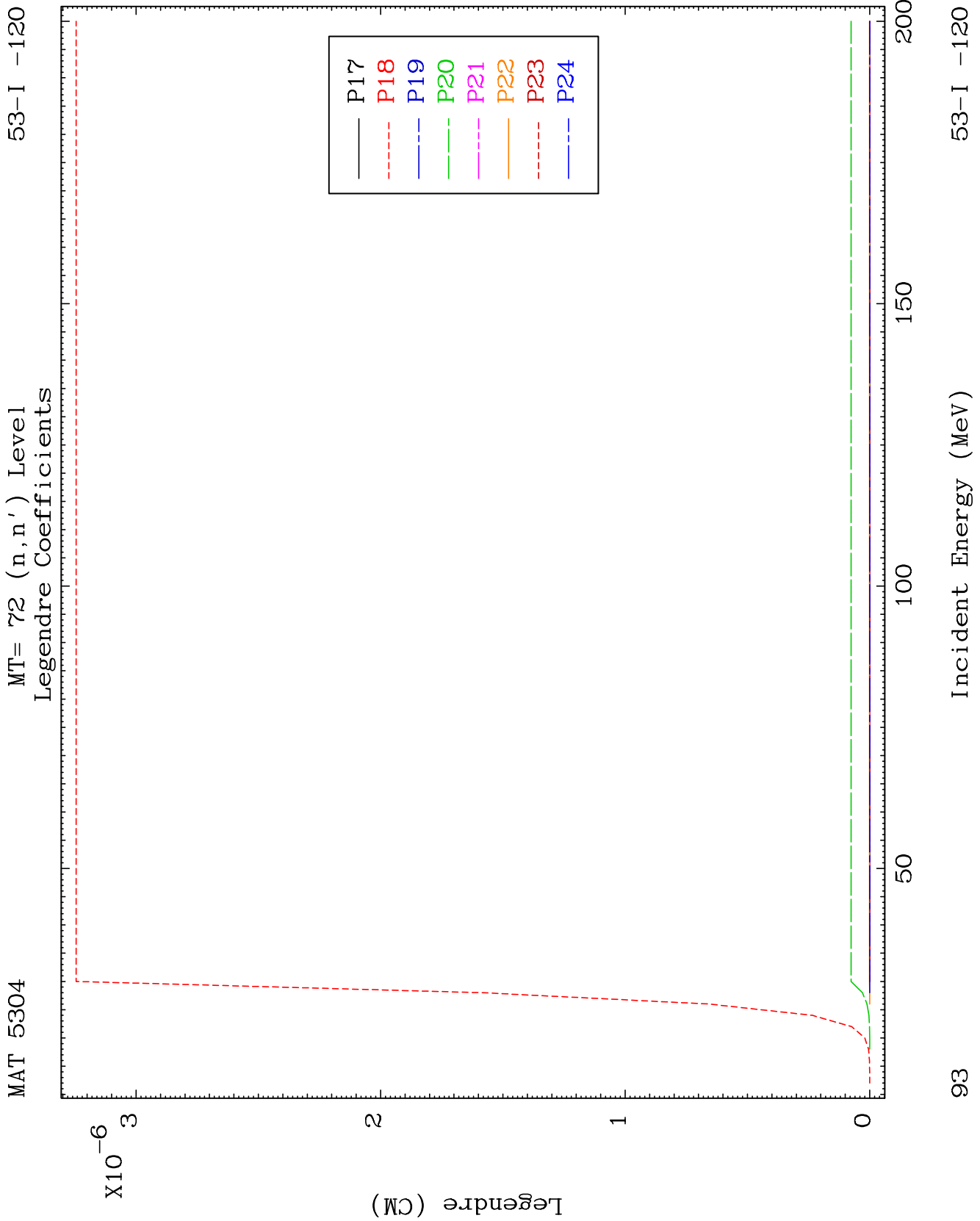


MAT 5304

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

53-I -120



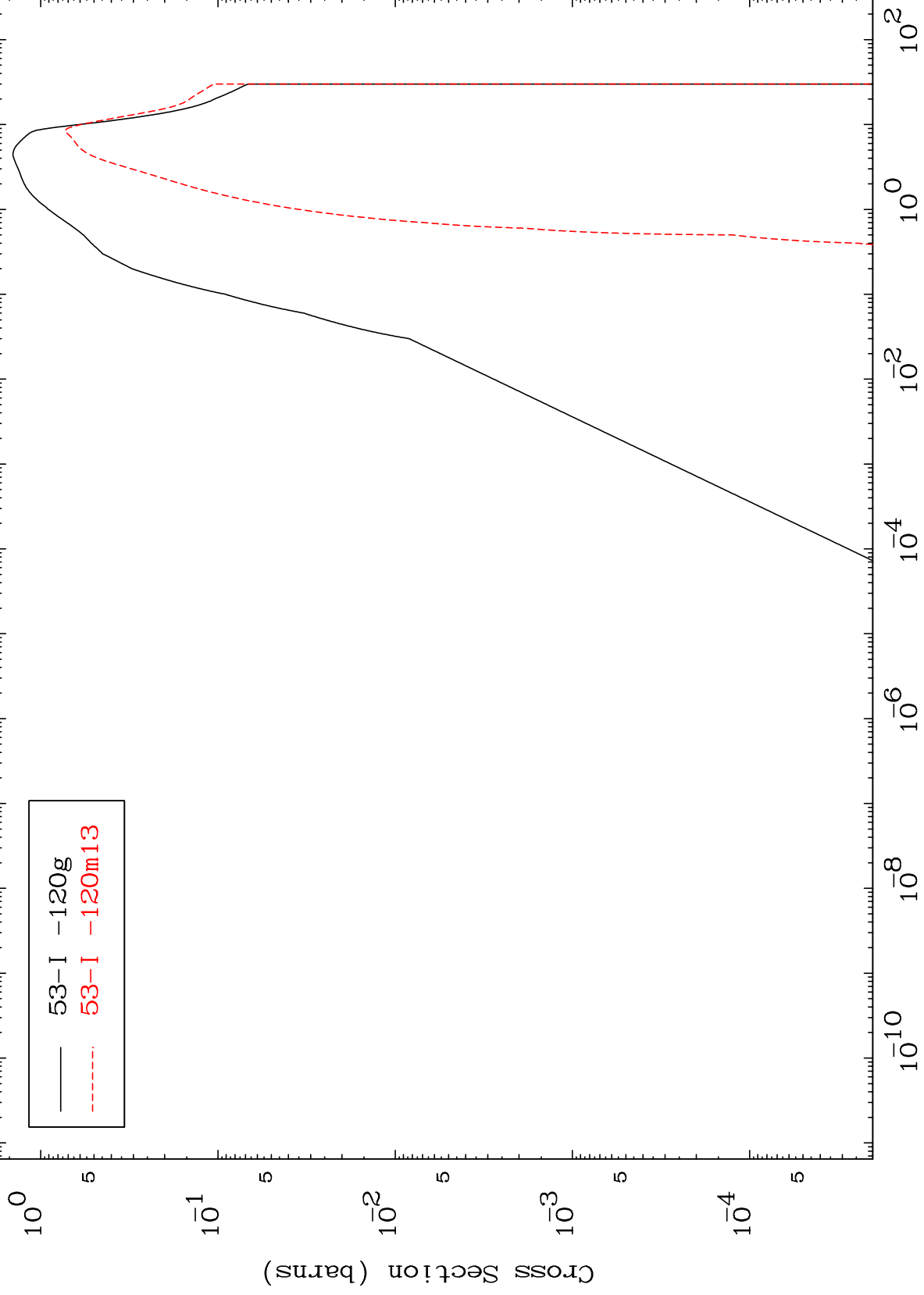


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Inelastic

53-I -120

Radionuclide Production Cross Section



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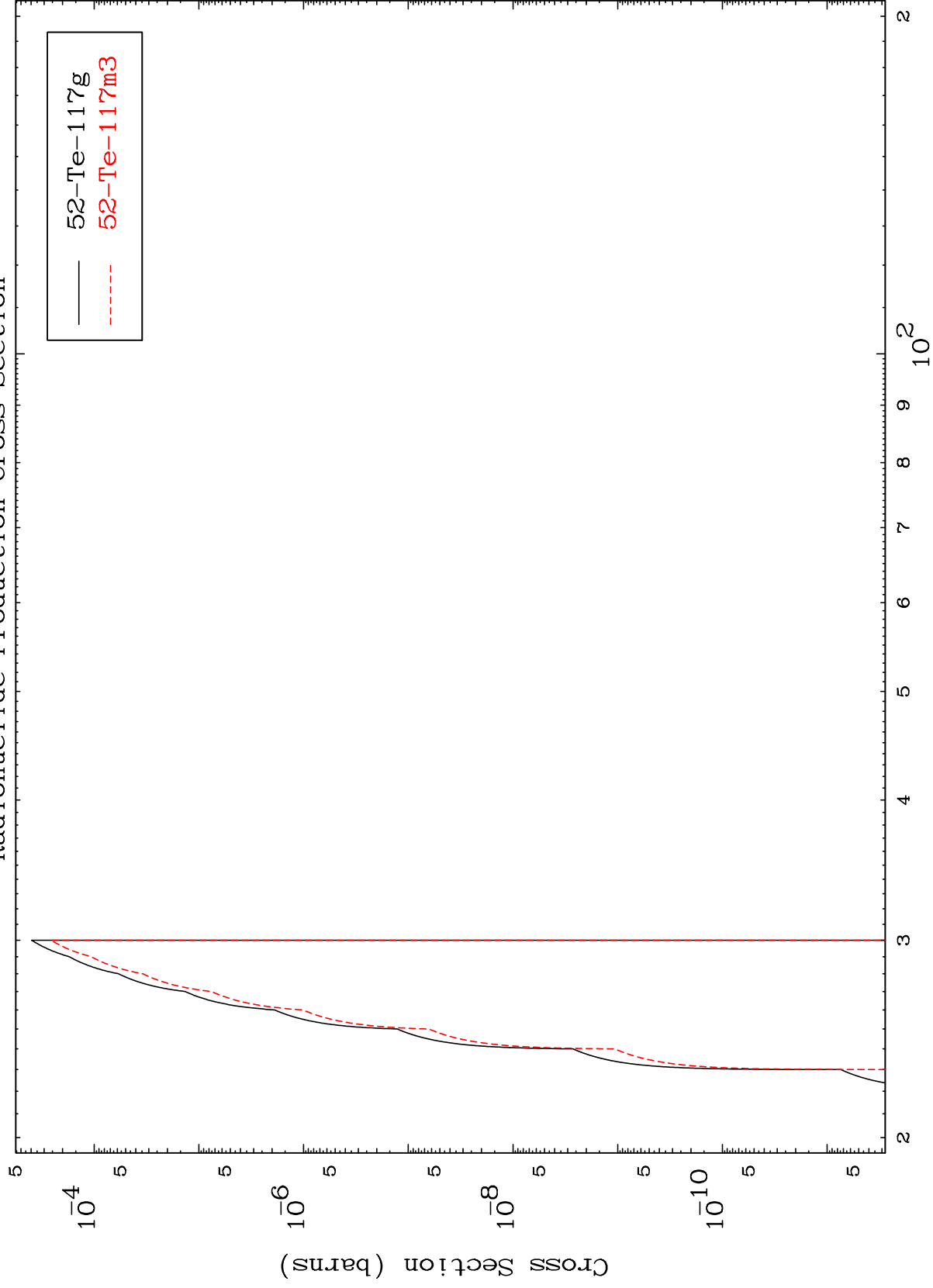
Incident Energy (MeV)

53-I -120

MAT 5304

53-I -120

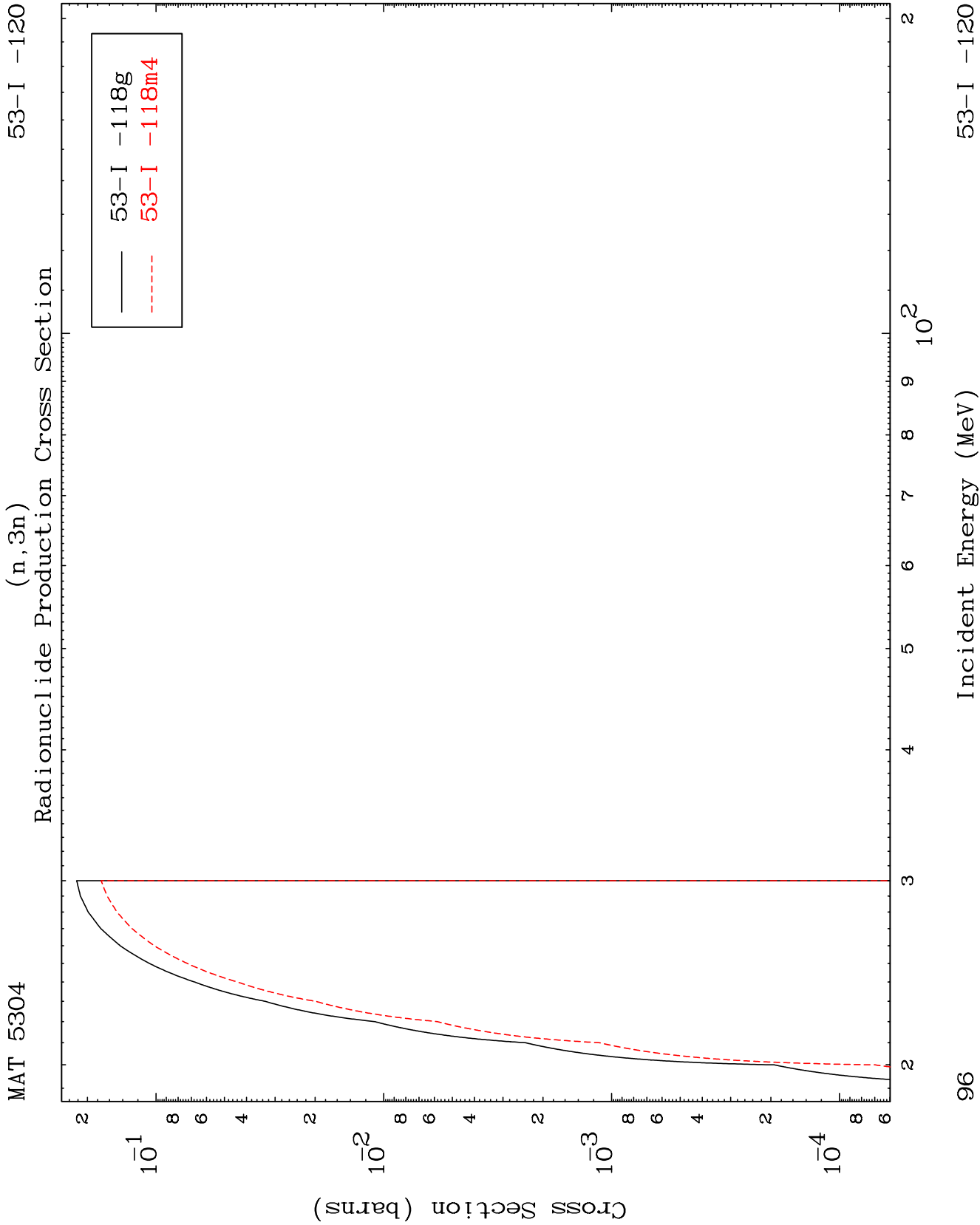
(n,2n) d
Radionuclide Production Cross Section



53-I -120

Incident Energy (MeV)

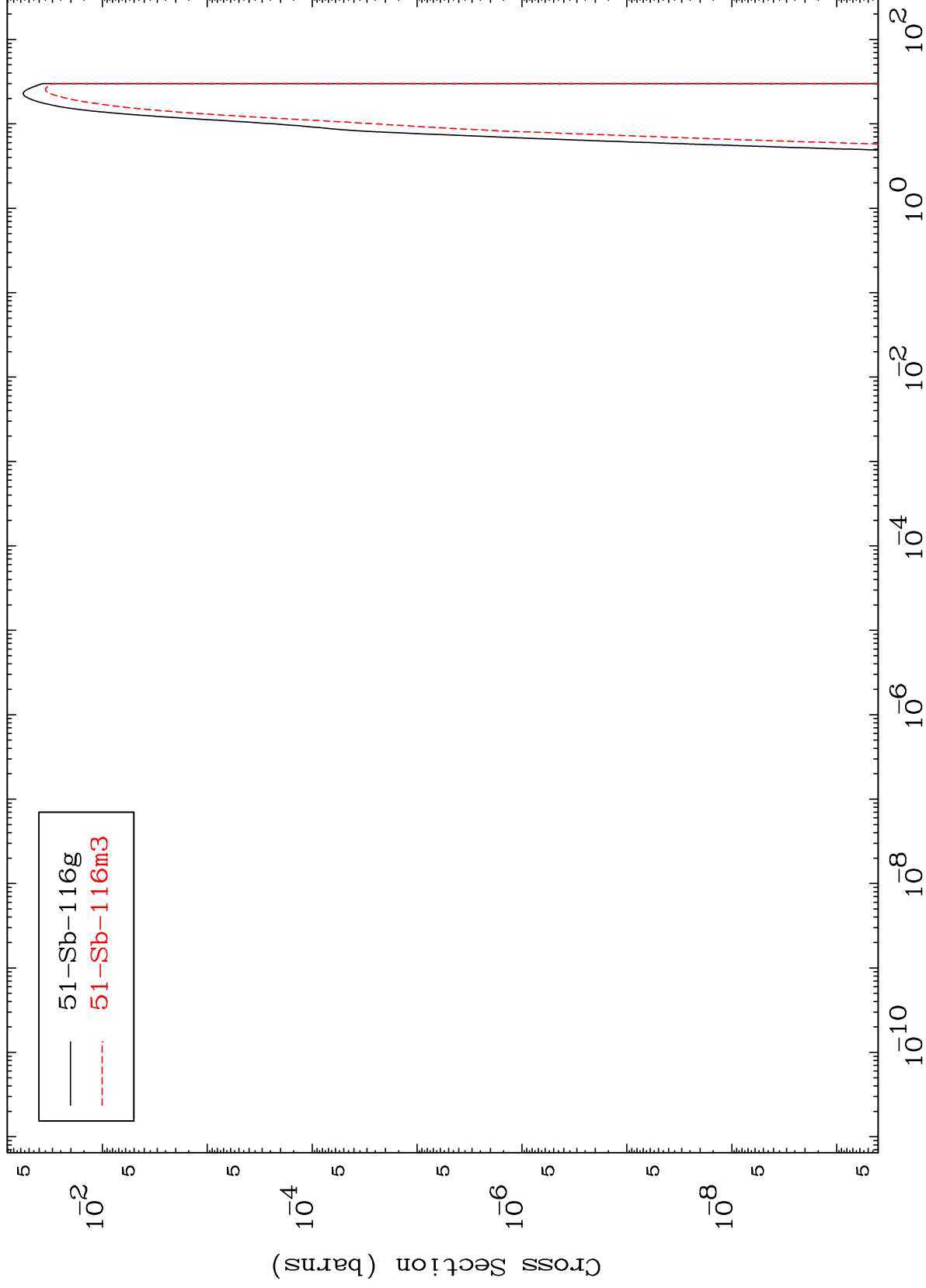
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53-I -120

(n,n') α
Radionuclide Production Cross Section

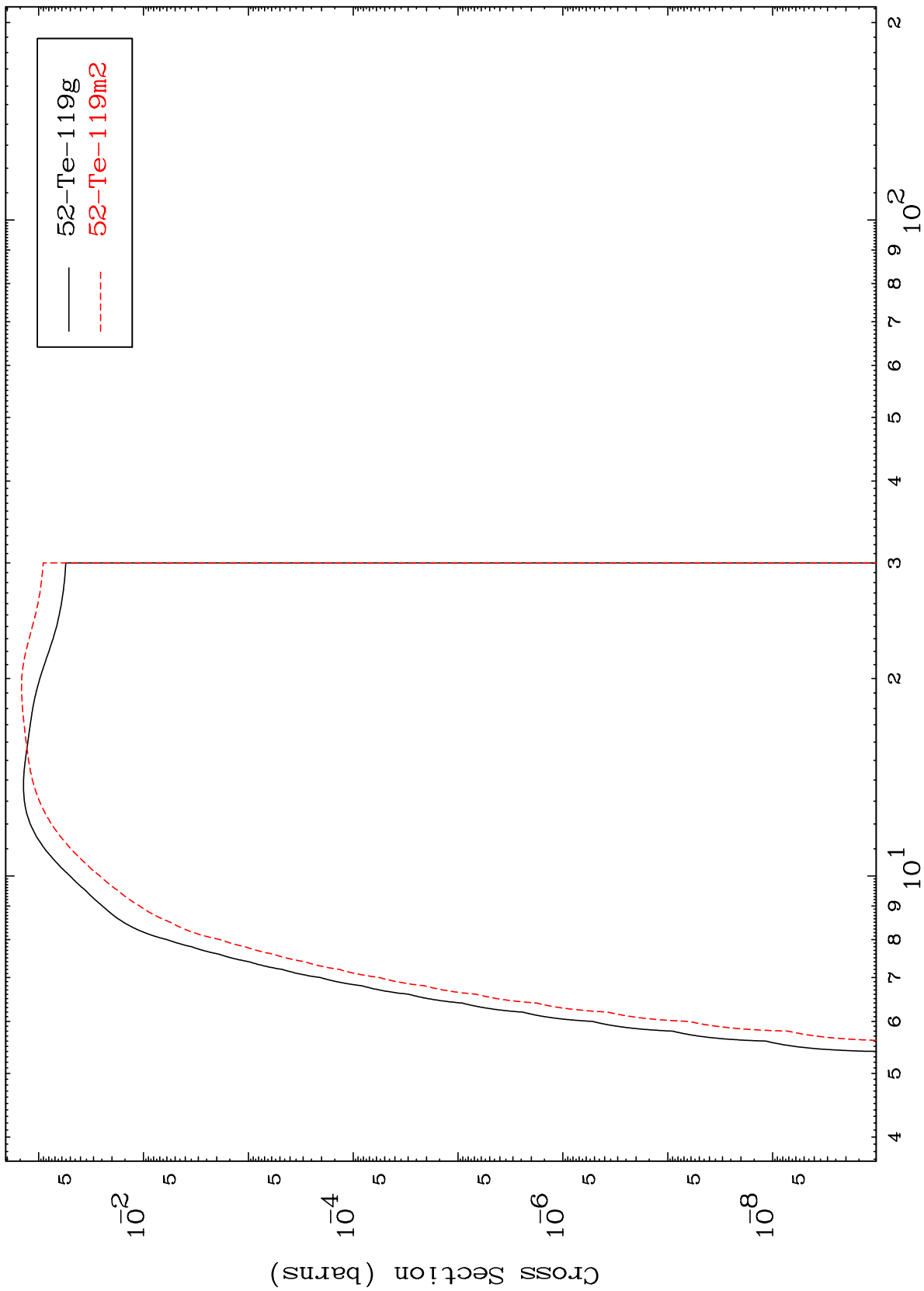


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53-I -120

Incident Energy (MeV)

(n,n') p
Radionuclide Production Cross Section



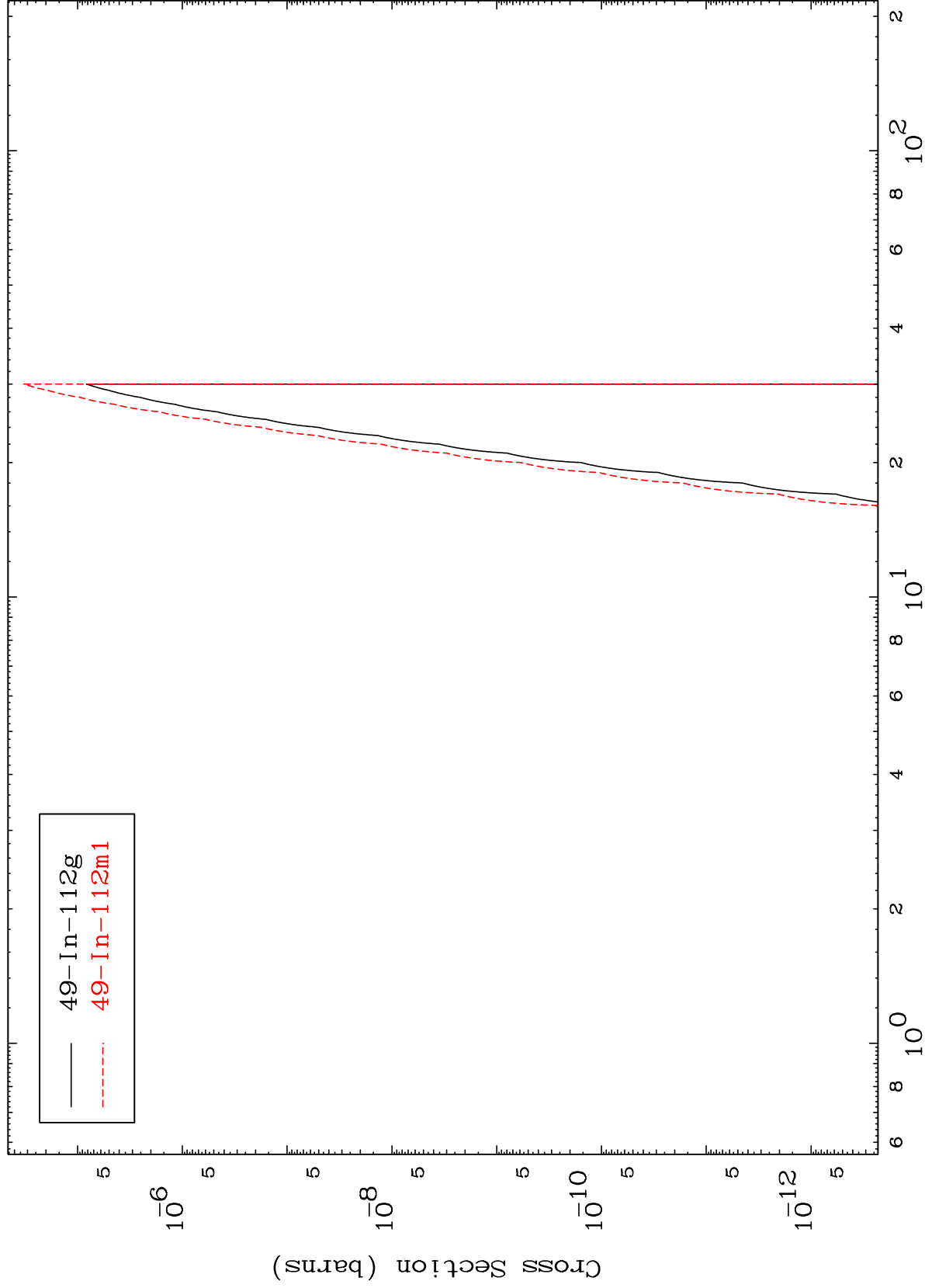
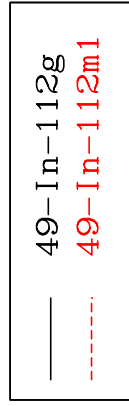
Incident Energy (MeV)

MAT 5304

(n,n') 2α

53-I -120

Radionuclide Production Cross Section



99

Incident Energy (MeV)

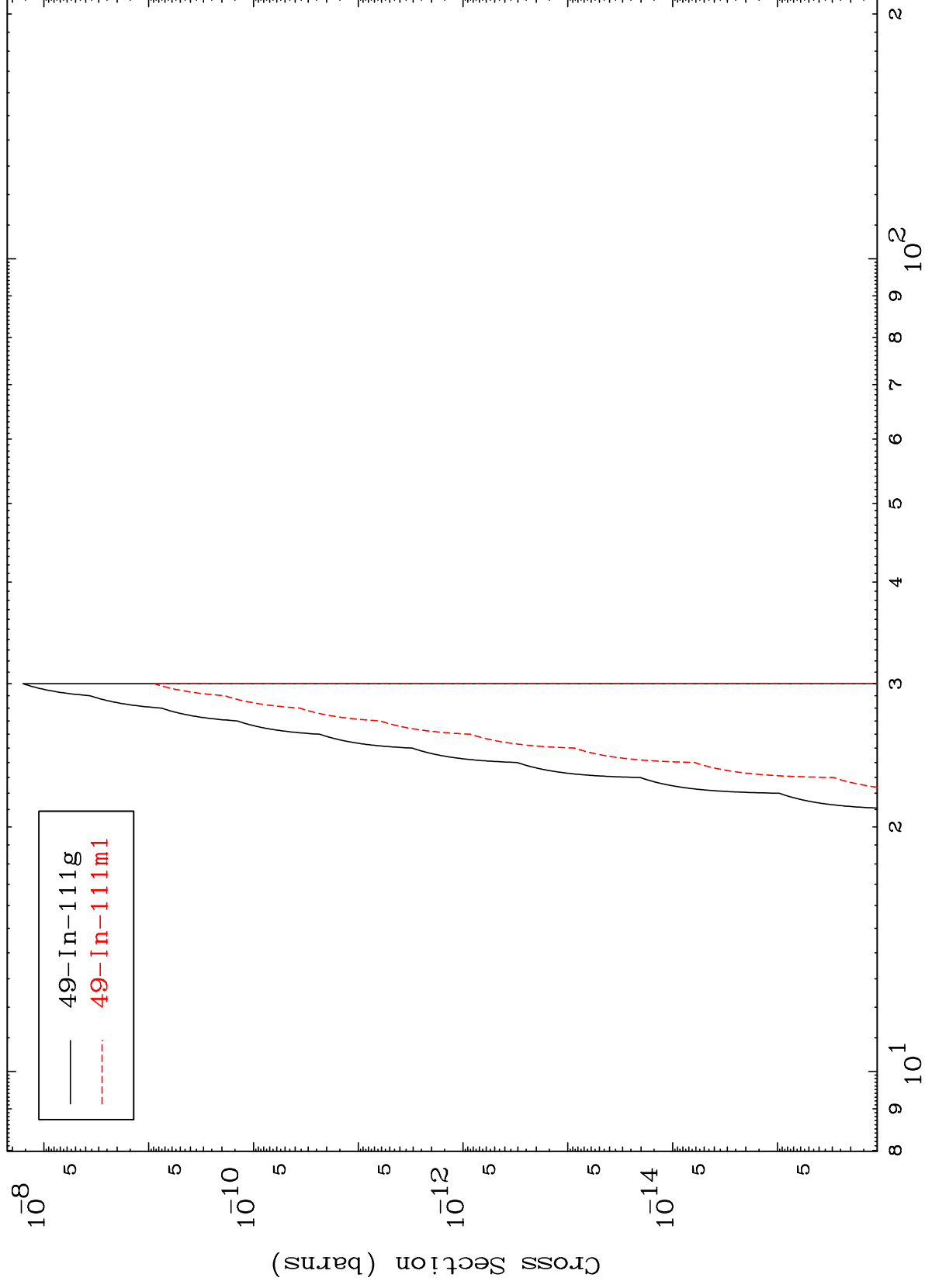
53-I -120

MAT 5304

(n,2n) 2α

53-I -120

Radionuclide Production Cross Section



100

Incident Energy (MeV)

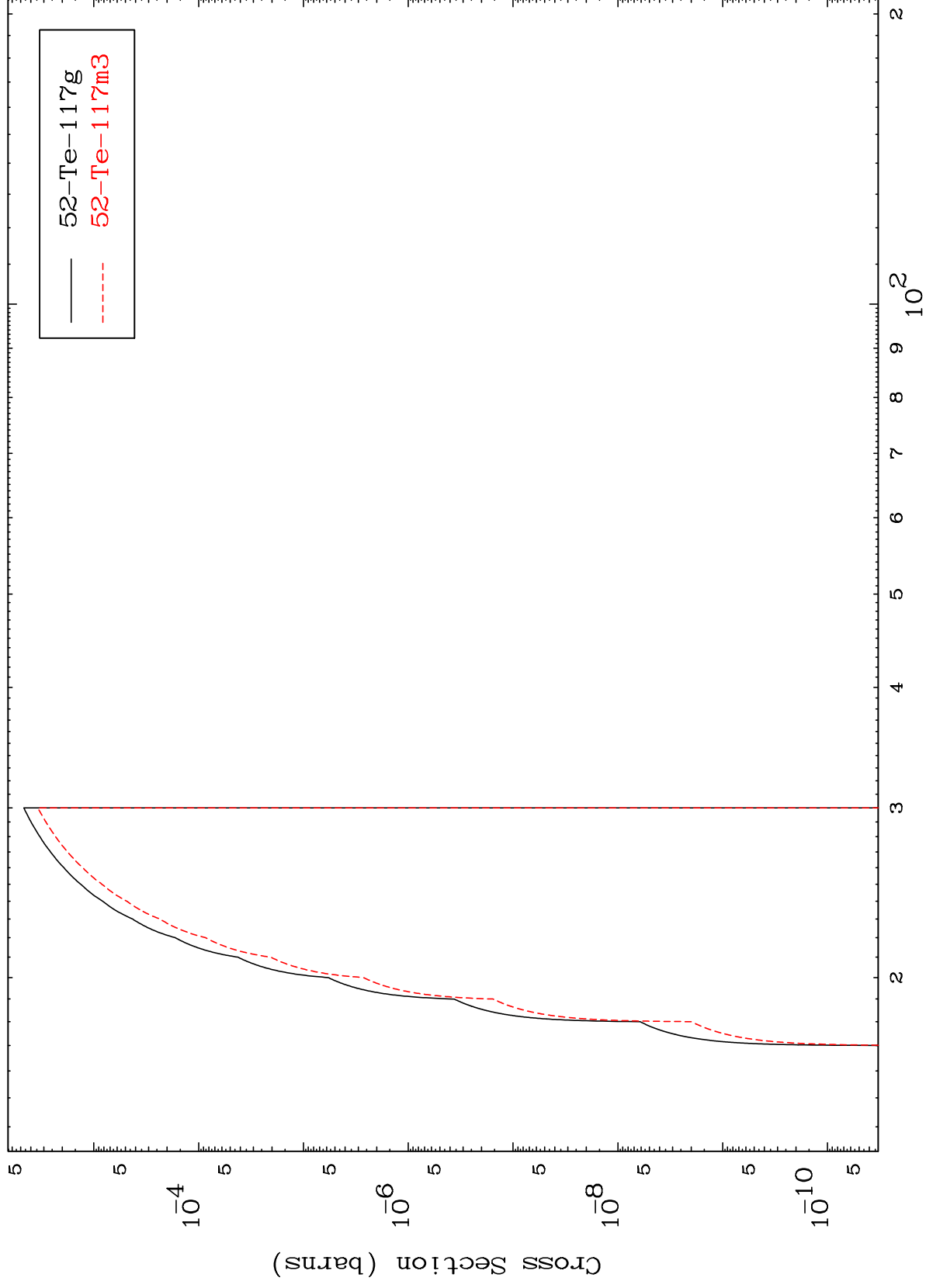
53-I -120

MAT 5304

(n,n') t

53-I -120

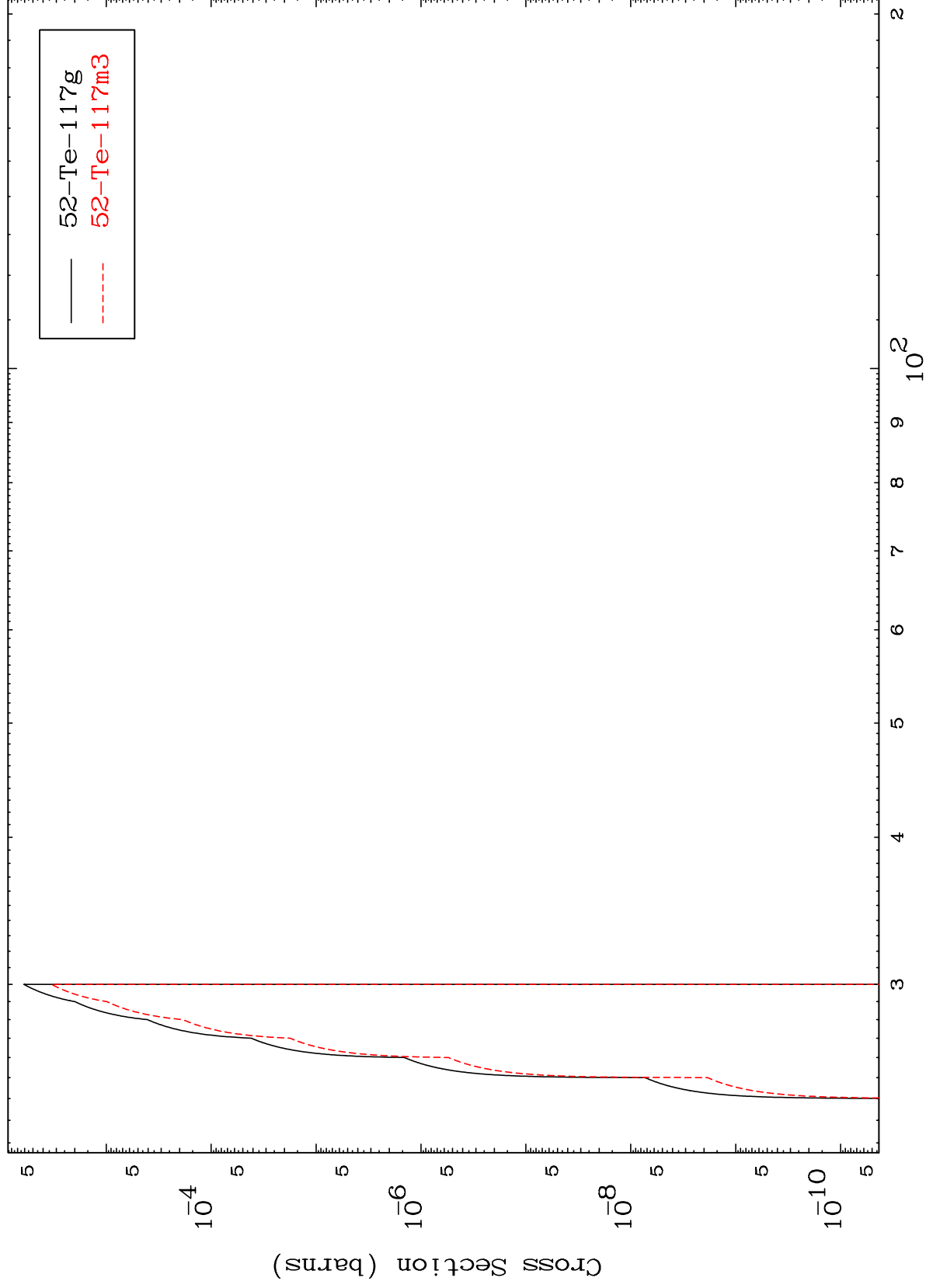
Radionuclide Production Cross Section

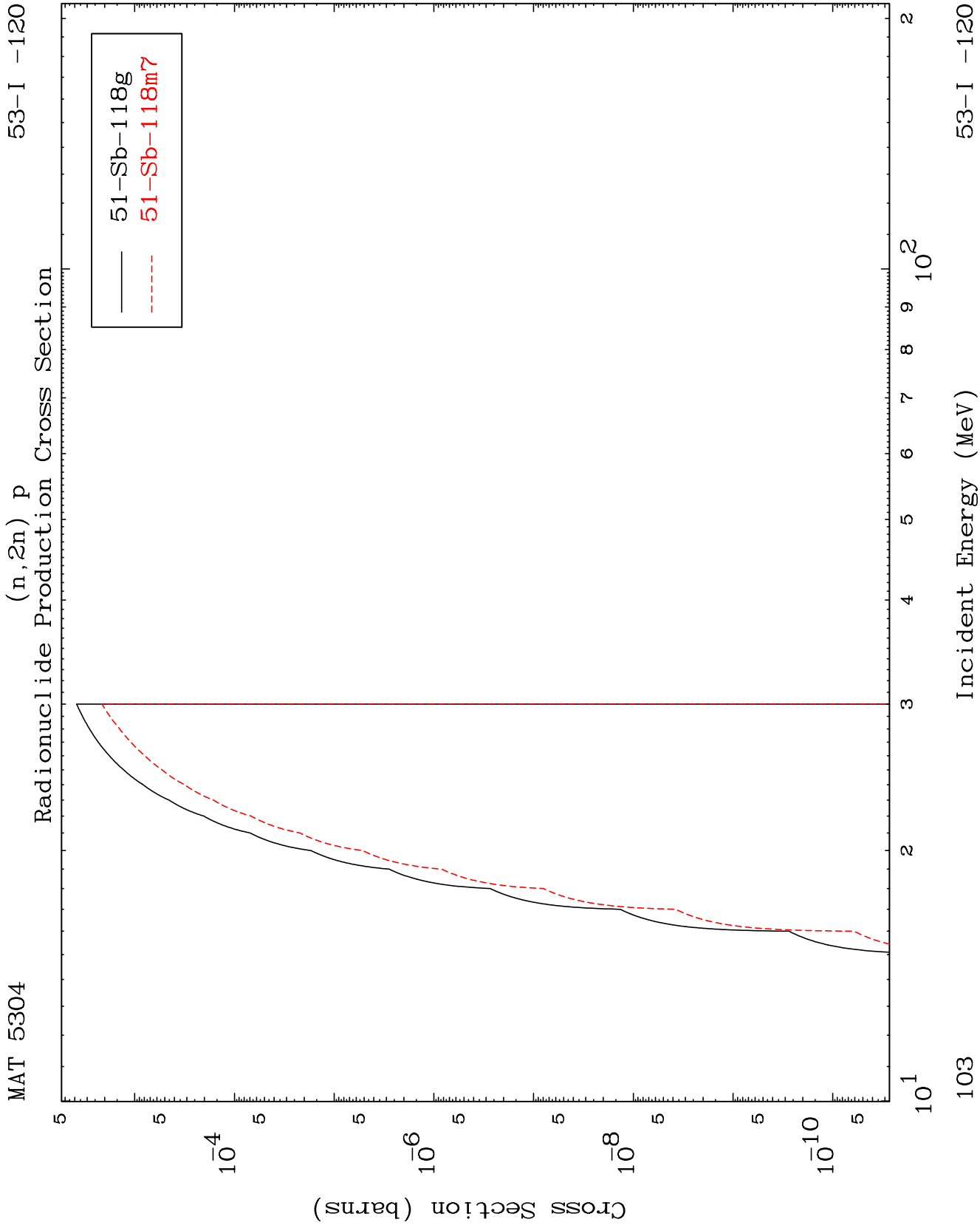


101

Incident Energy (MeV)

53-I -120

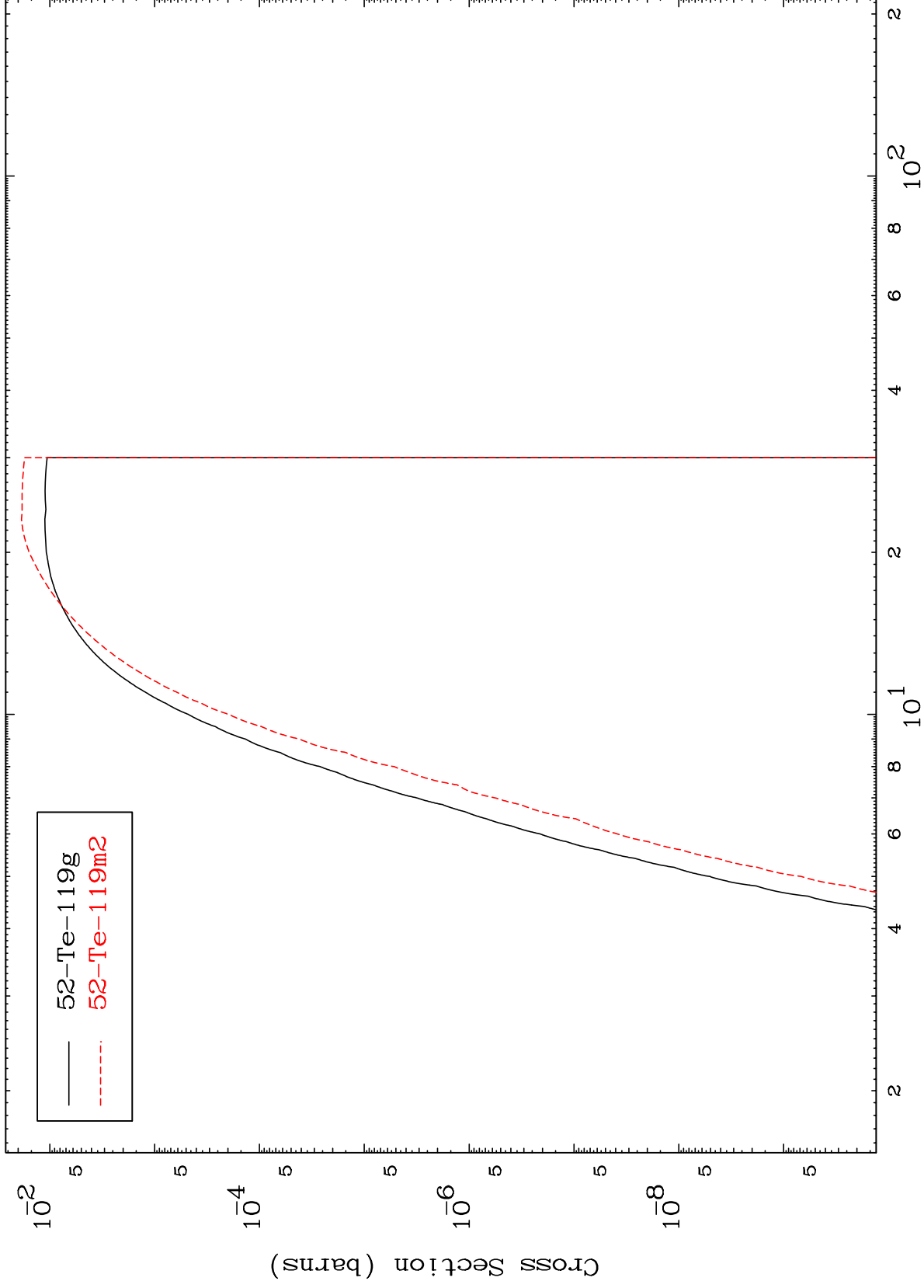
$(n,3n)$ p
Radionuclide Production Cross Section



MAT 5304

53-I -120

(n,d)
Radionuclide Production Cross Section



104

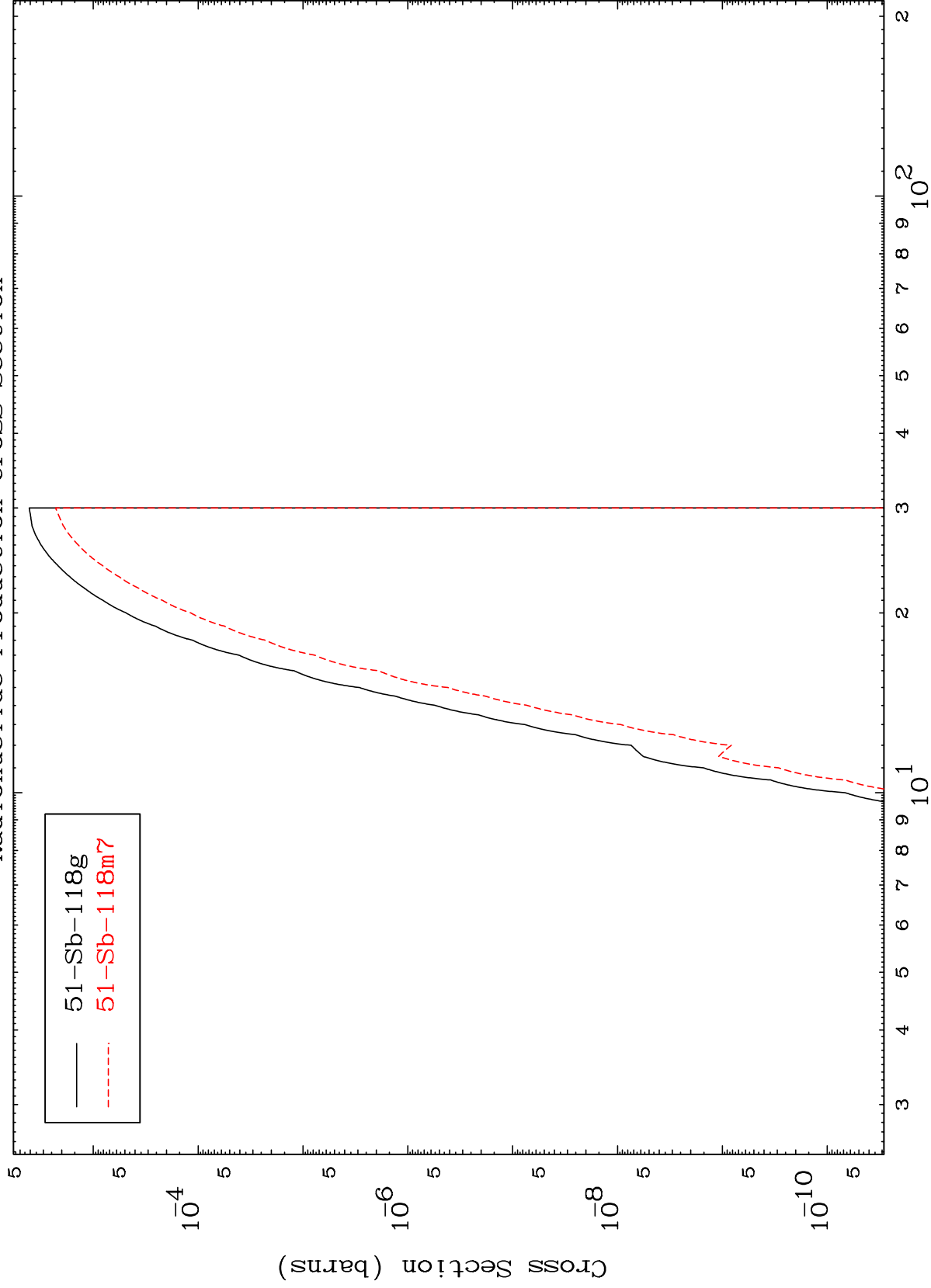
Incident Energy (MeV)

53-I -120

MAT 5304

53-I -120

Radionuclide Production Cross Section



105

Incident Energy (MeV)

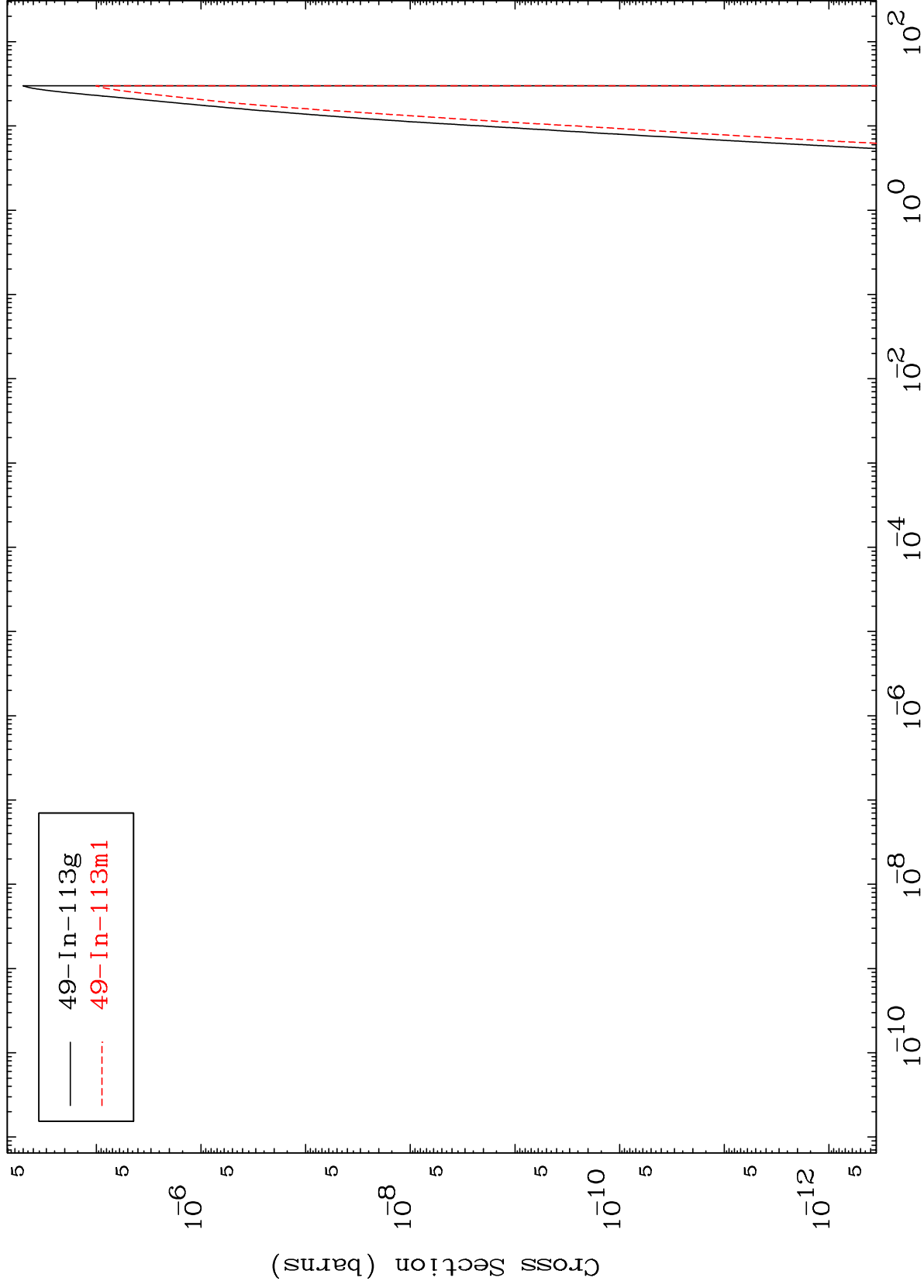
53-I -120

MAT 5304

(n,2α)

53-I -120

Radionuclide Production Cross Section



106

Incident Energy (MeV)

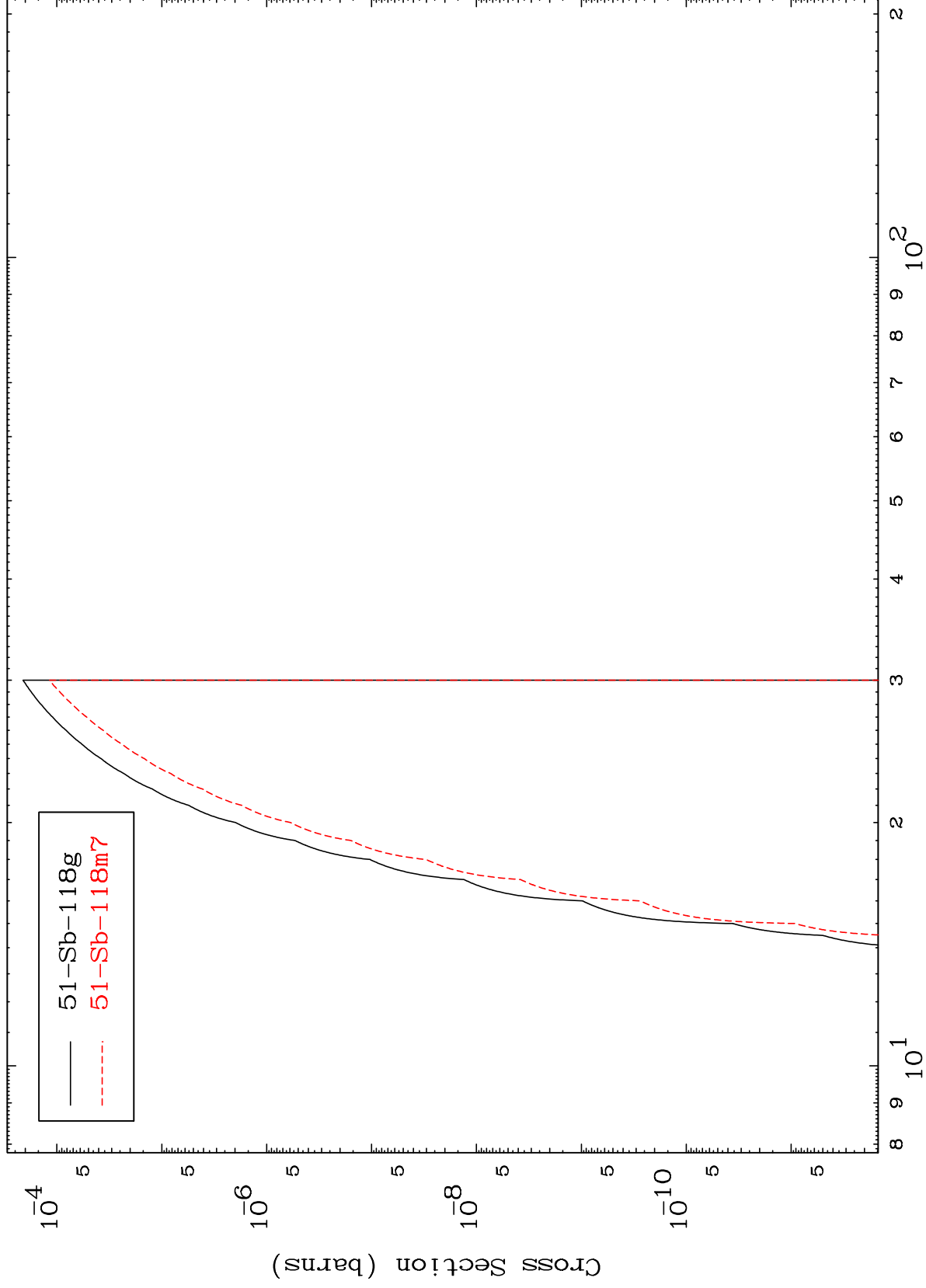
53-I -120

MAT 5304

(n,p) d

53-I -120

Radionuclide Production Cross Section



107

Incident Energy (MeV)

53-I -120