

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

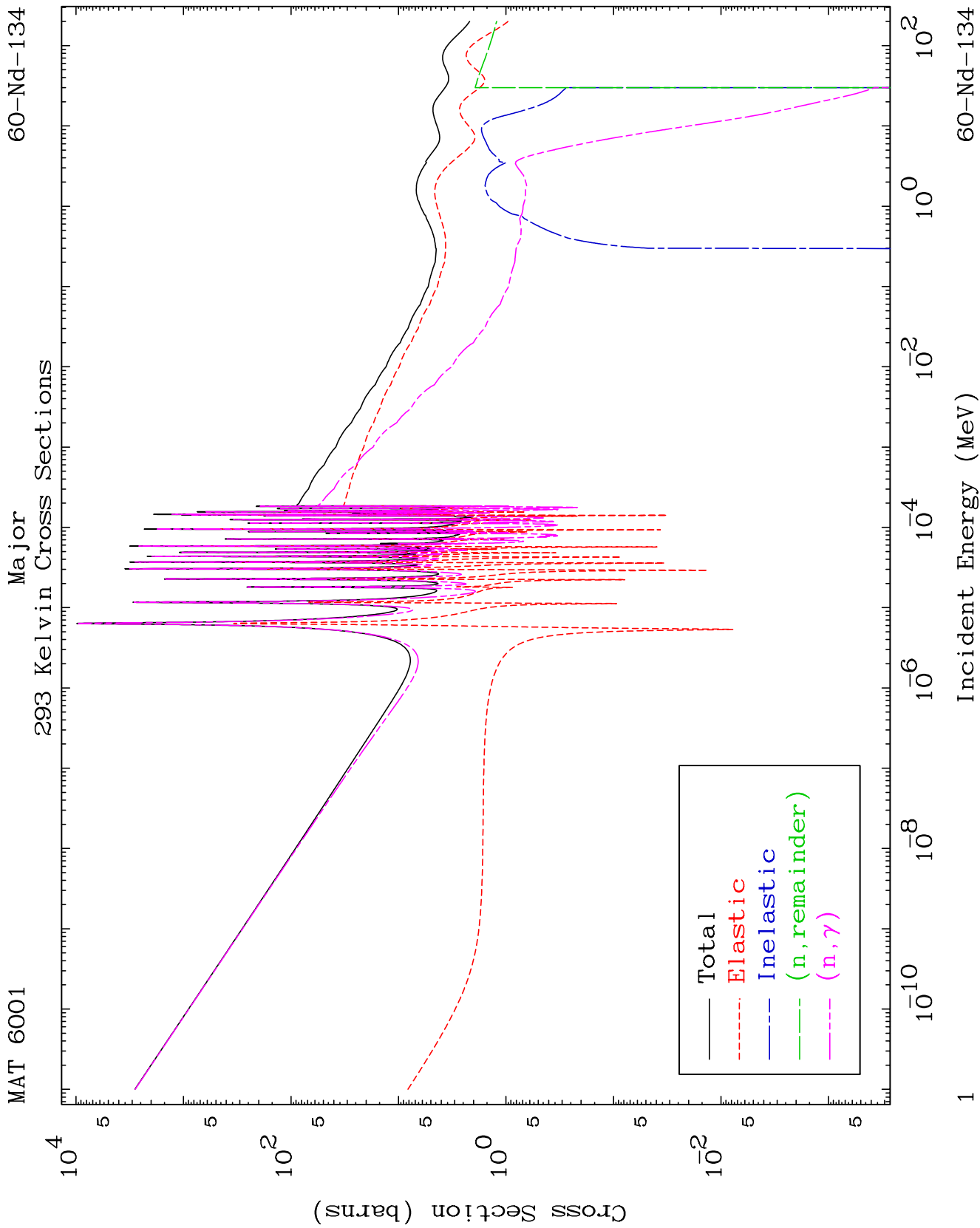
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
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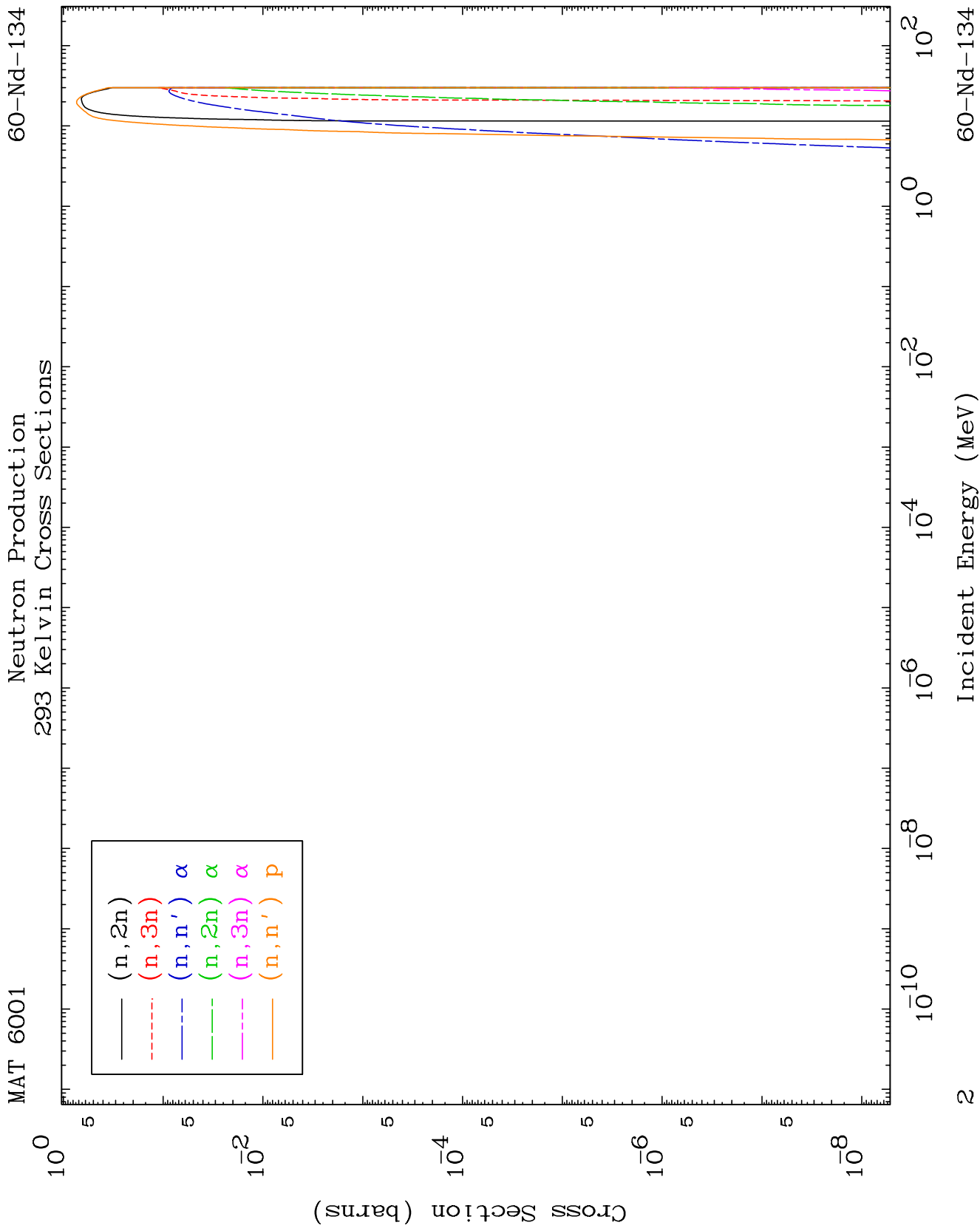
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

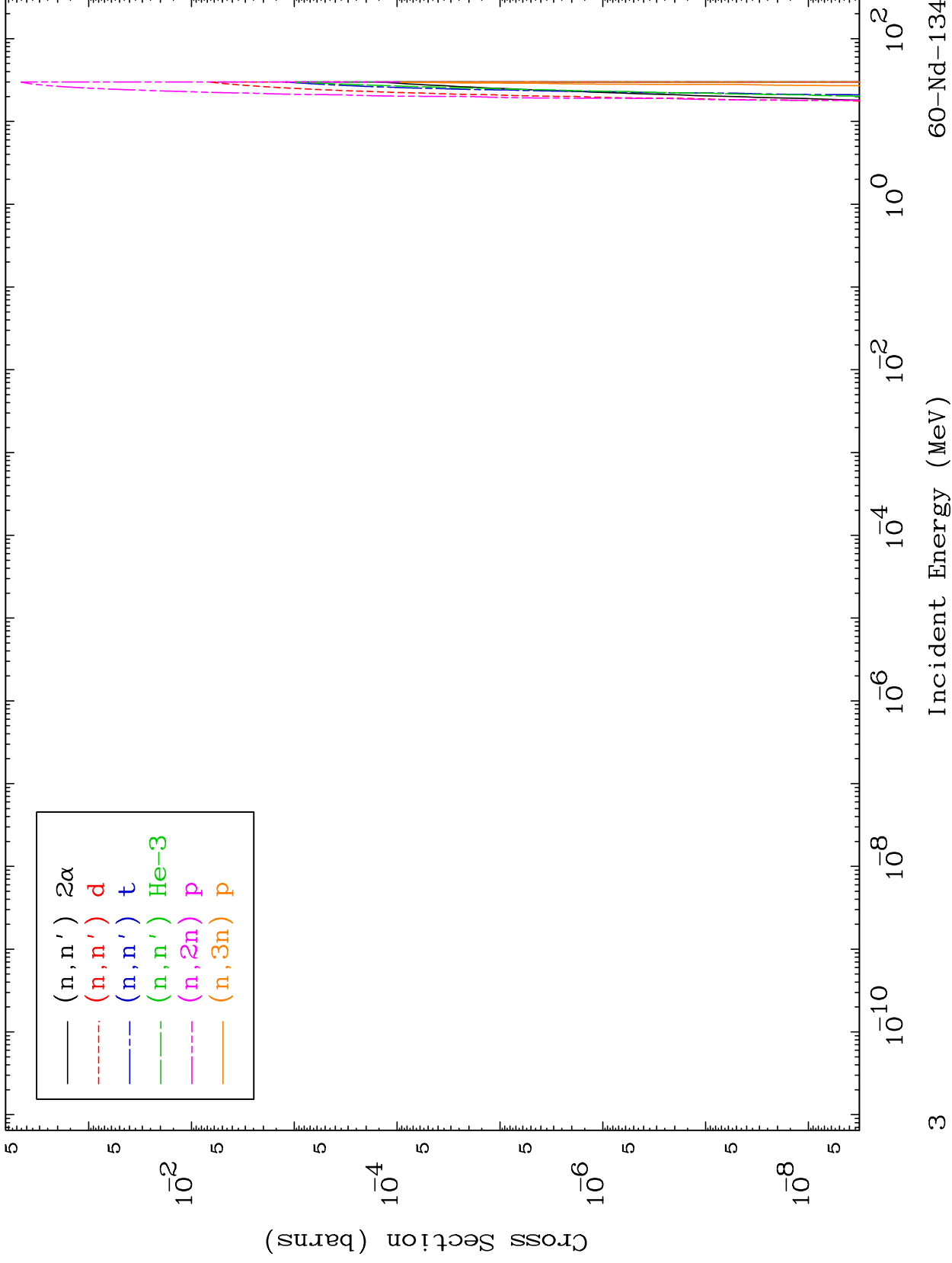


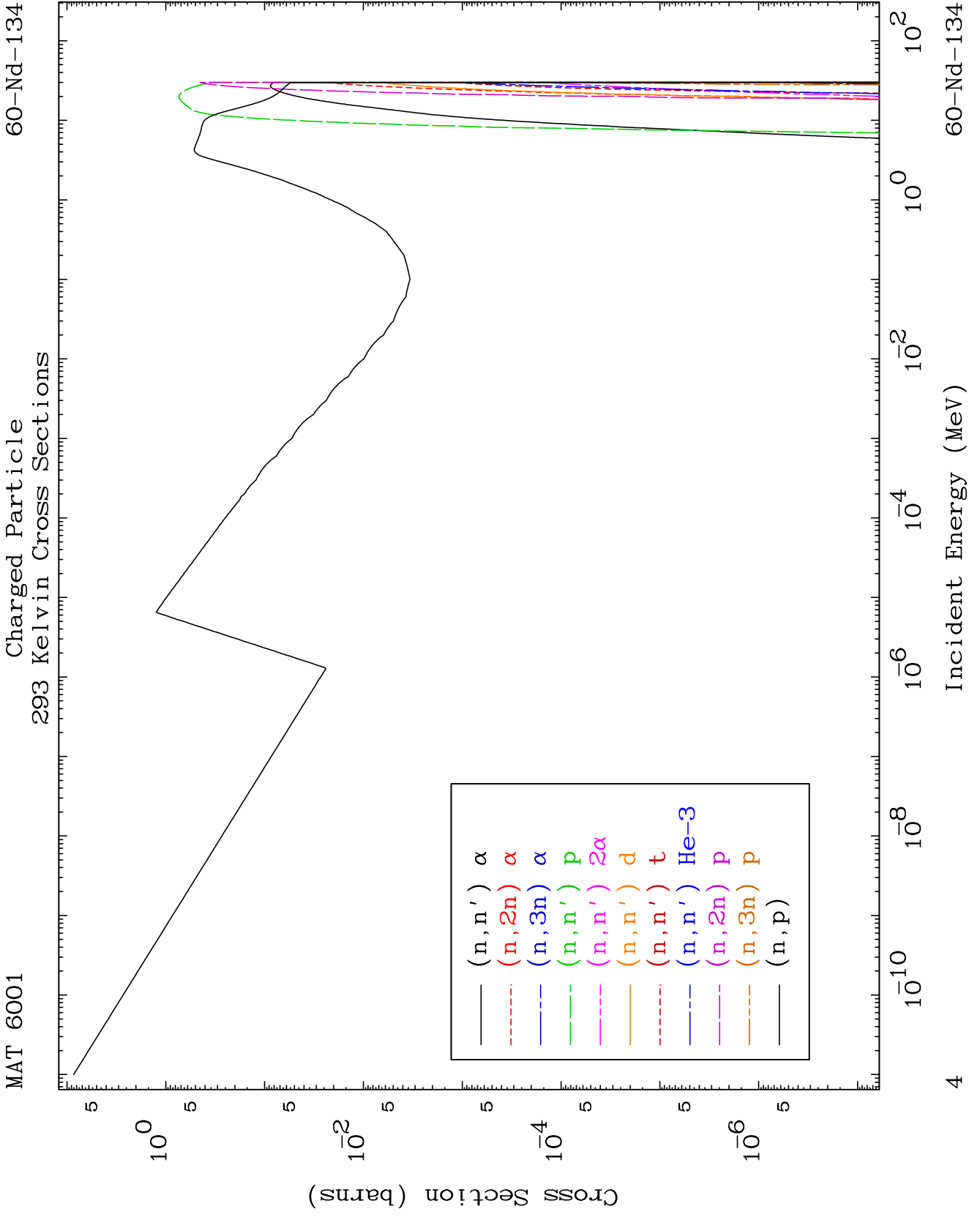


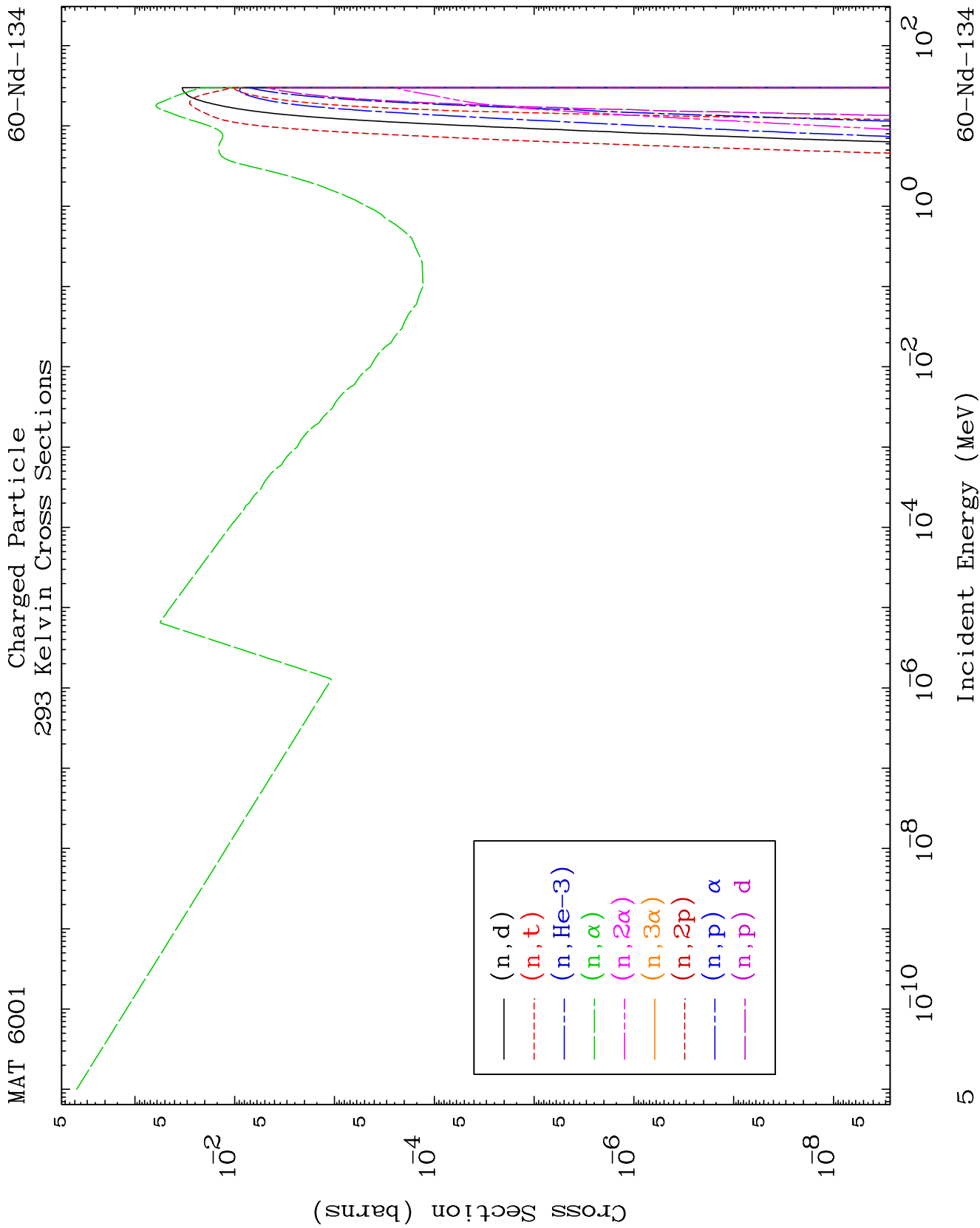
MAT 6001

Neutron Production
293 Kelvin Cross Sections

60-Nd-134







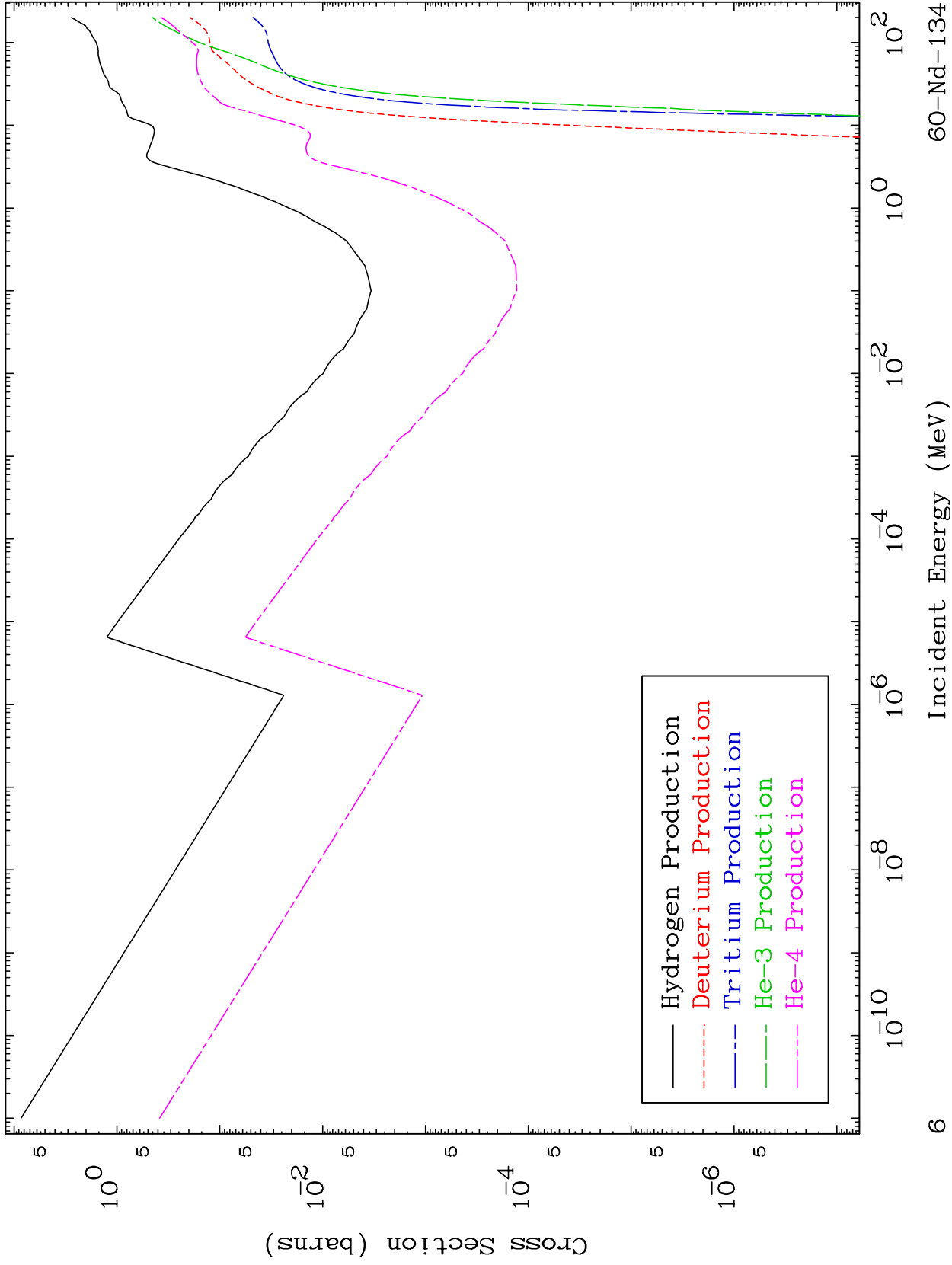
MAT 6001

60-Nd-134

MAT 6001

Particle Production
293 Kelvin Cross Sections

60-Nd-134

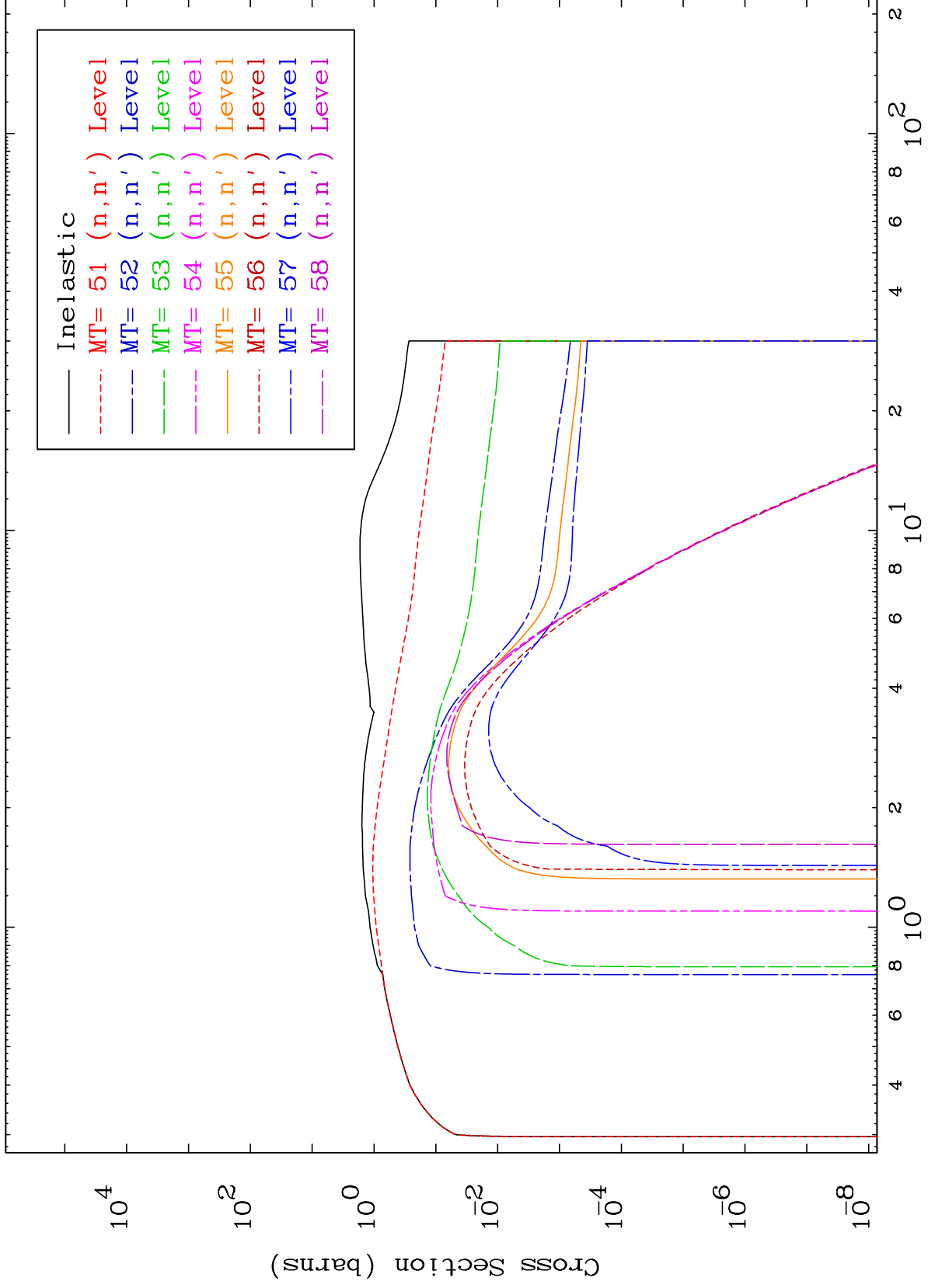


MAT 6001

(n,n') Level

60-Nd-134

293 Kelvin Cross Sections

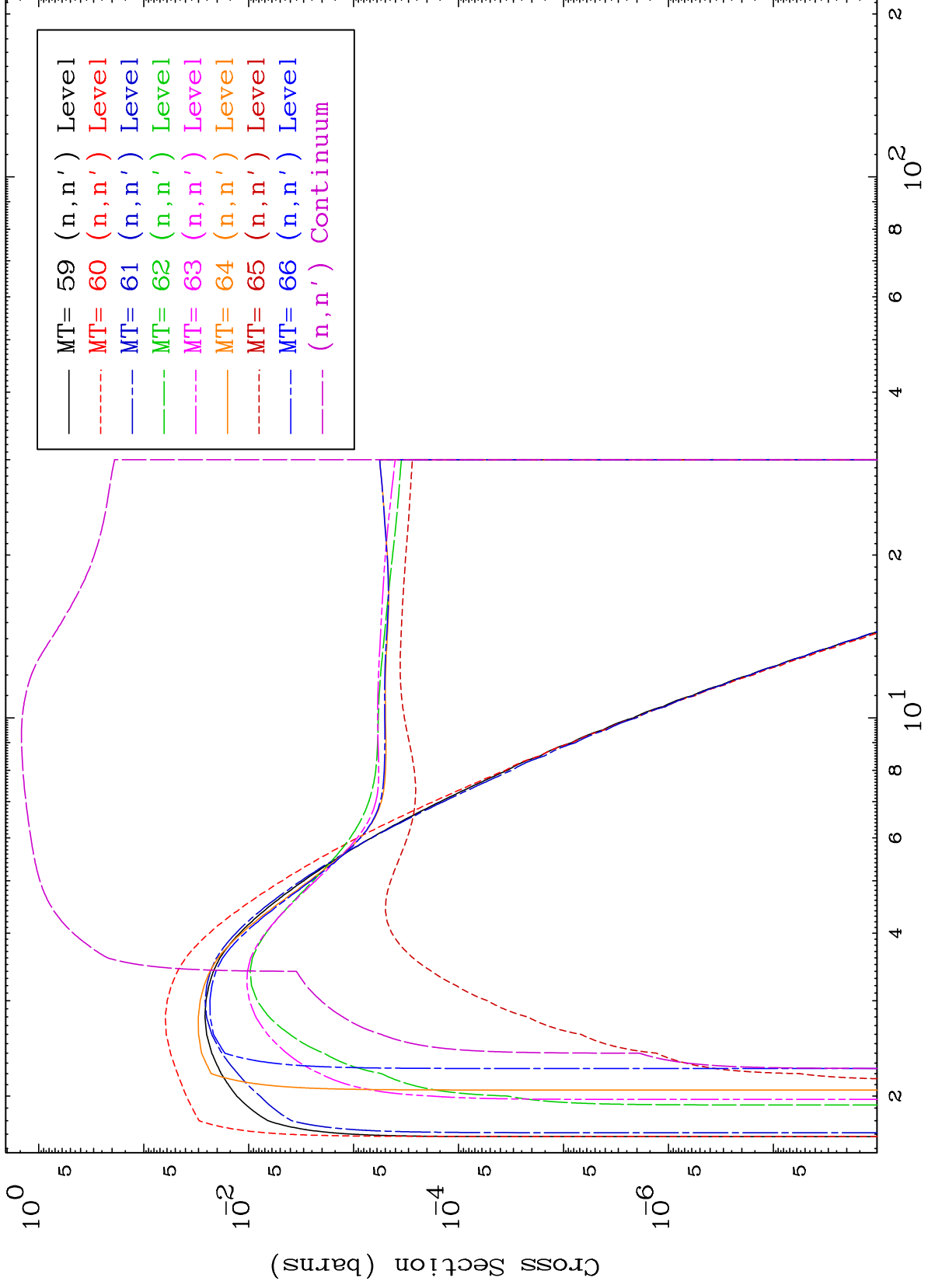


MAT 6001

(n,n') Level

60-Nd-134

293 Kelvin Cross Sections



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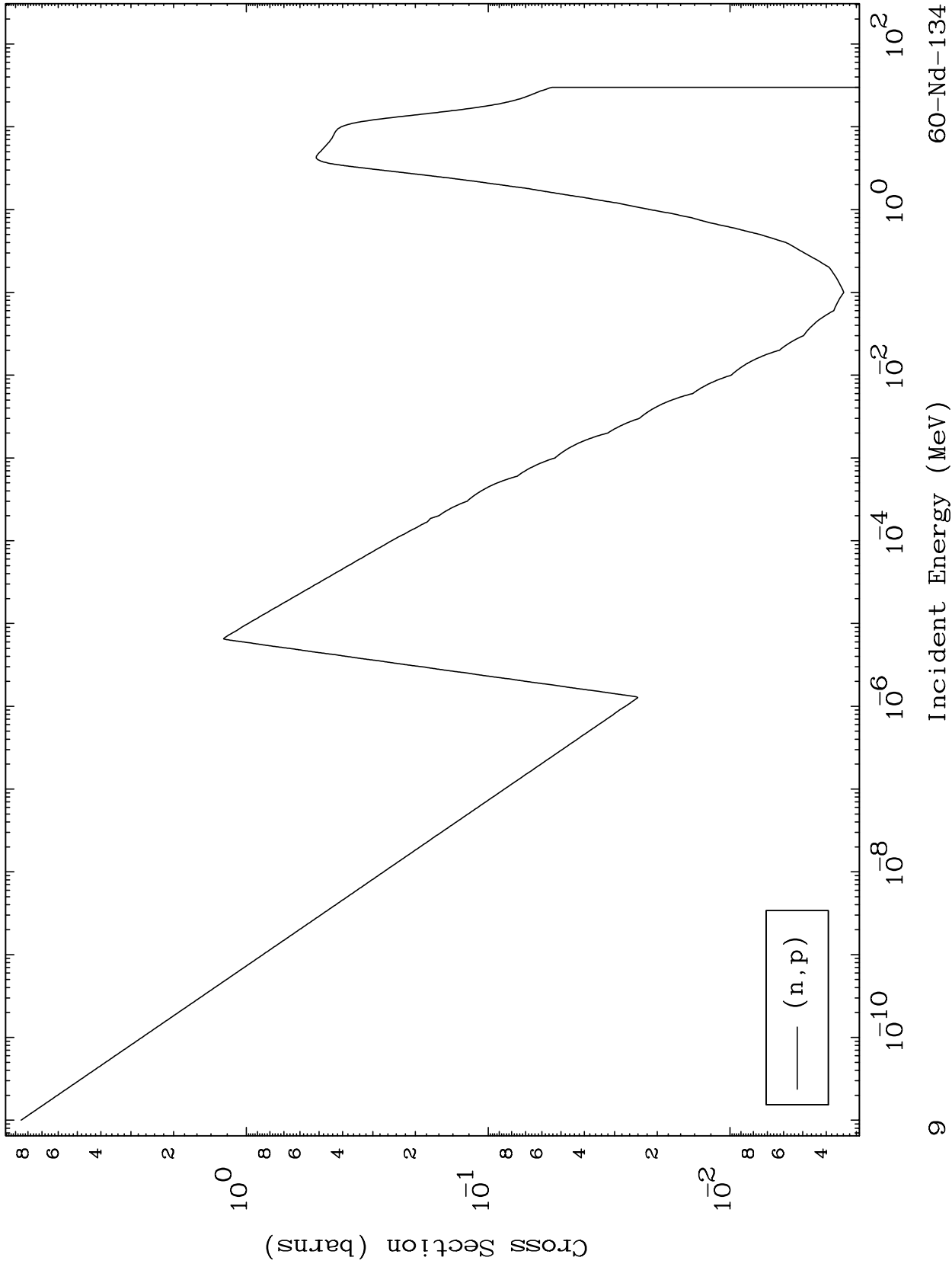
Incident Energy (MeV)

60-Nd-134

MAT 6001

(n,p) Levels
293 Kelvin Cross Sections

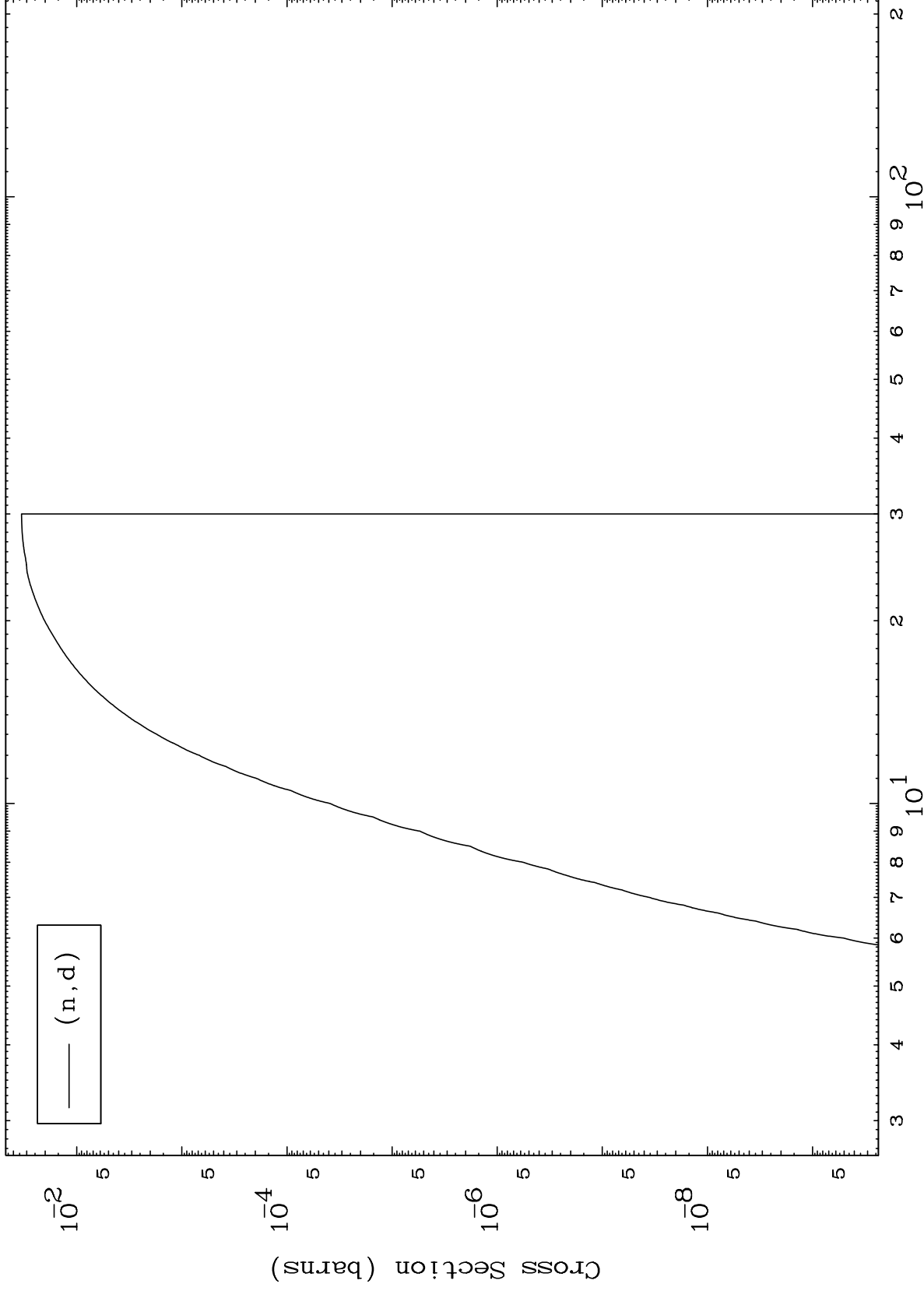
60-Nd-134



MAT 6001

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-134



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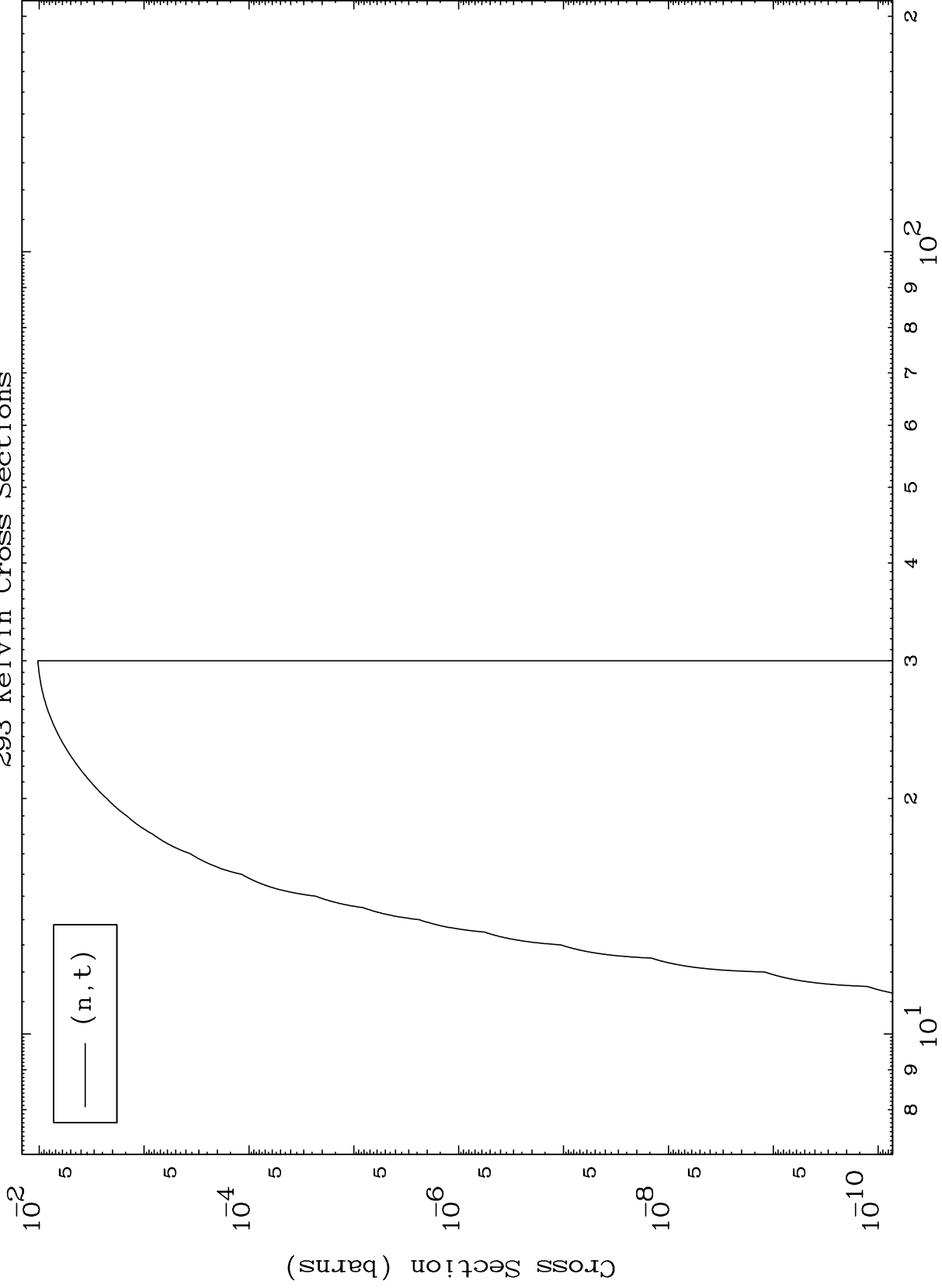
Incident Energy (MeV)

60-Nd-134

MAT 6001

(n,t) Levels
293 Kelvin Cross Sections

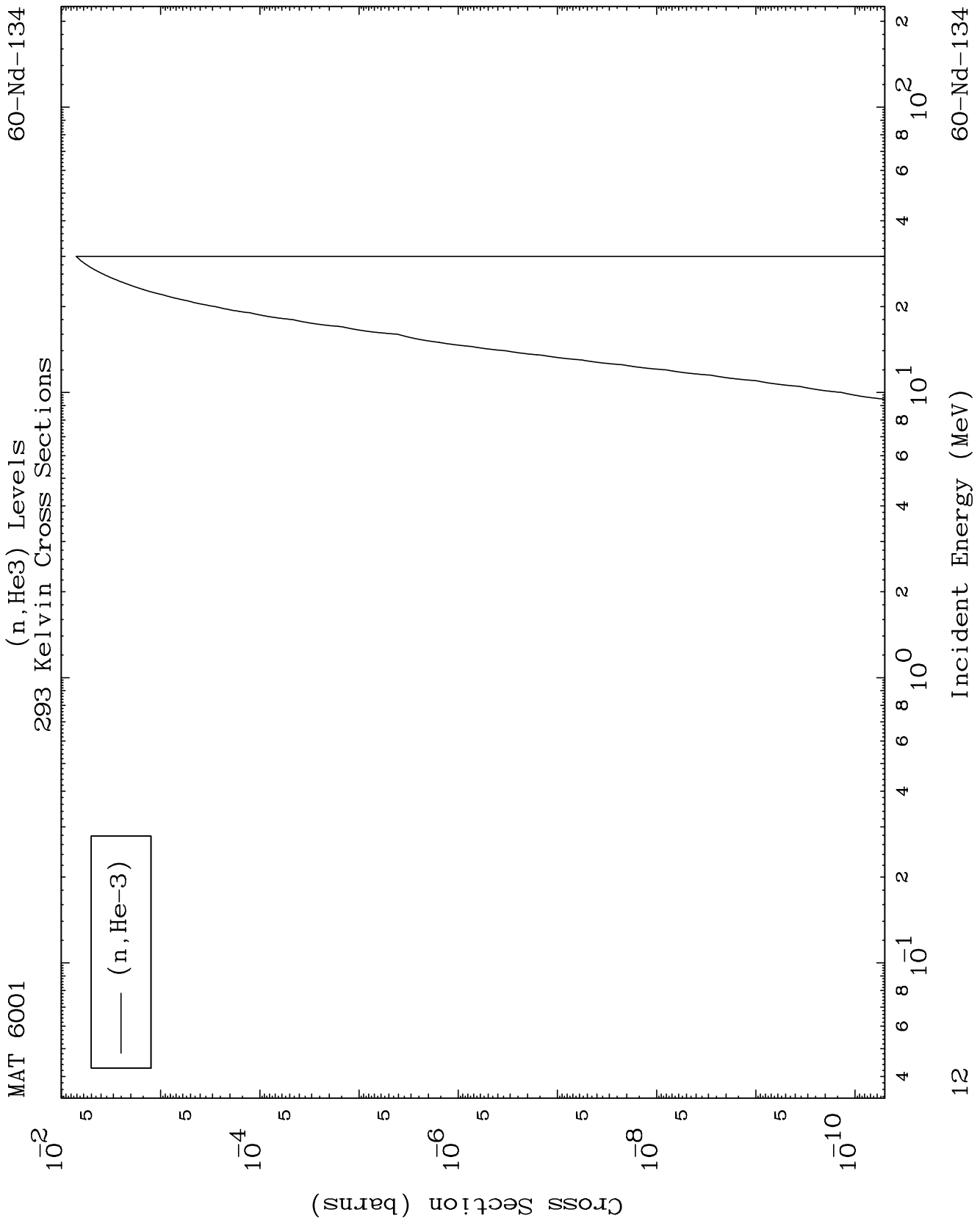
60-Nd-134

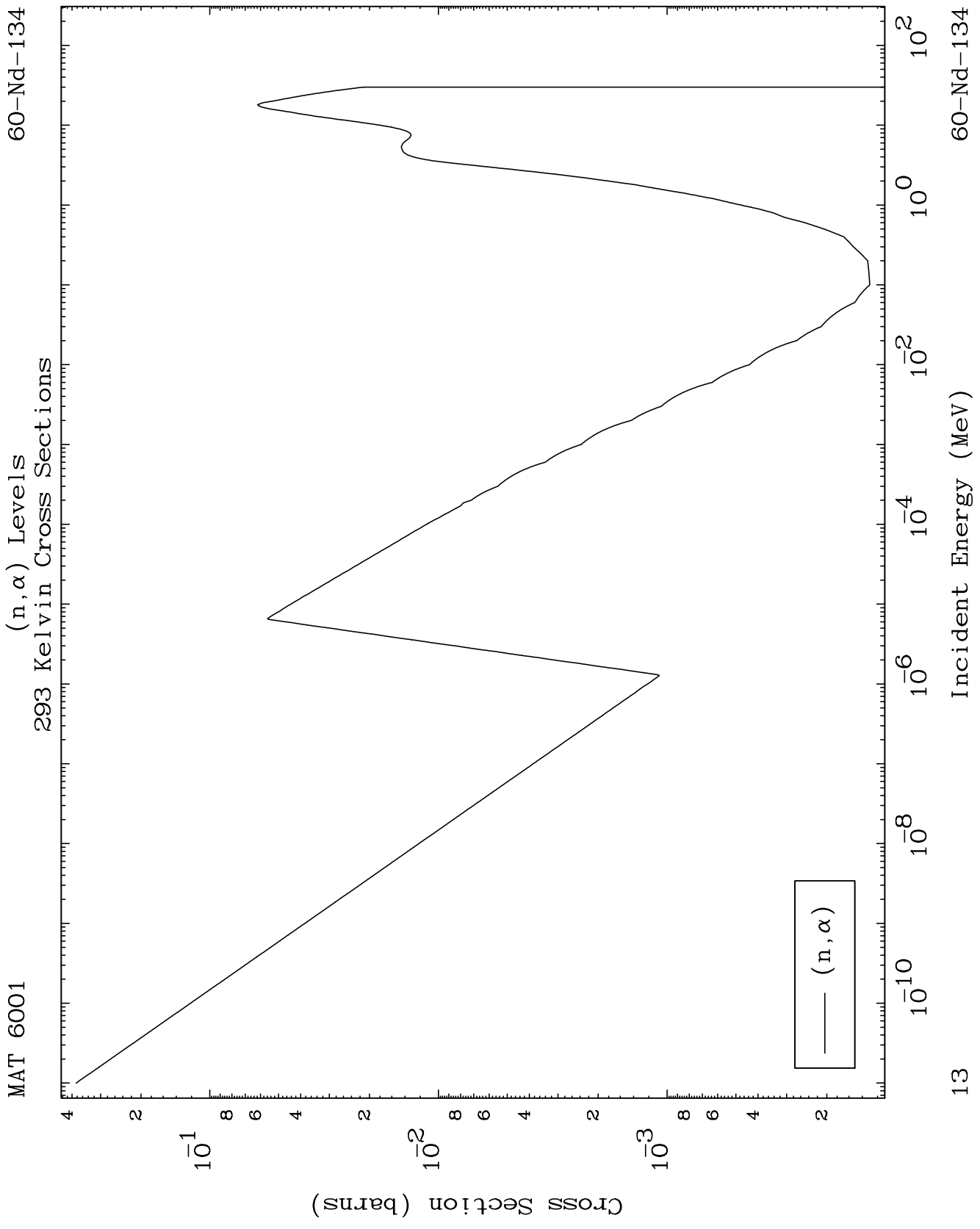


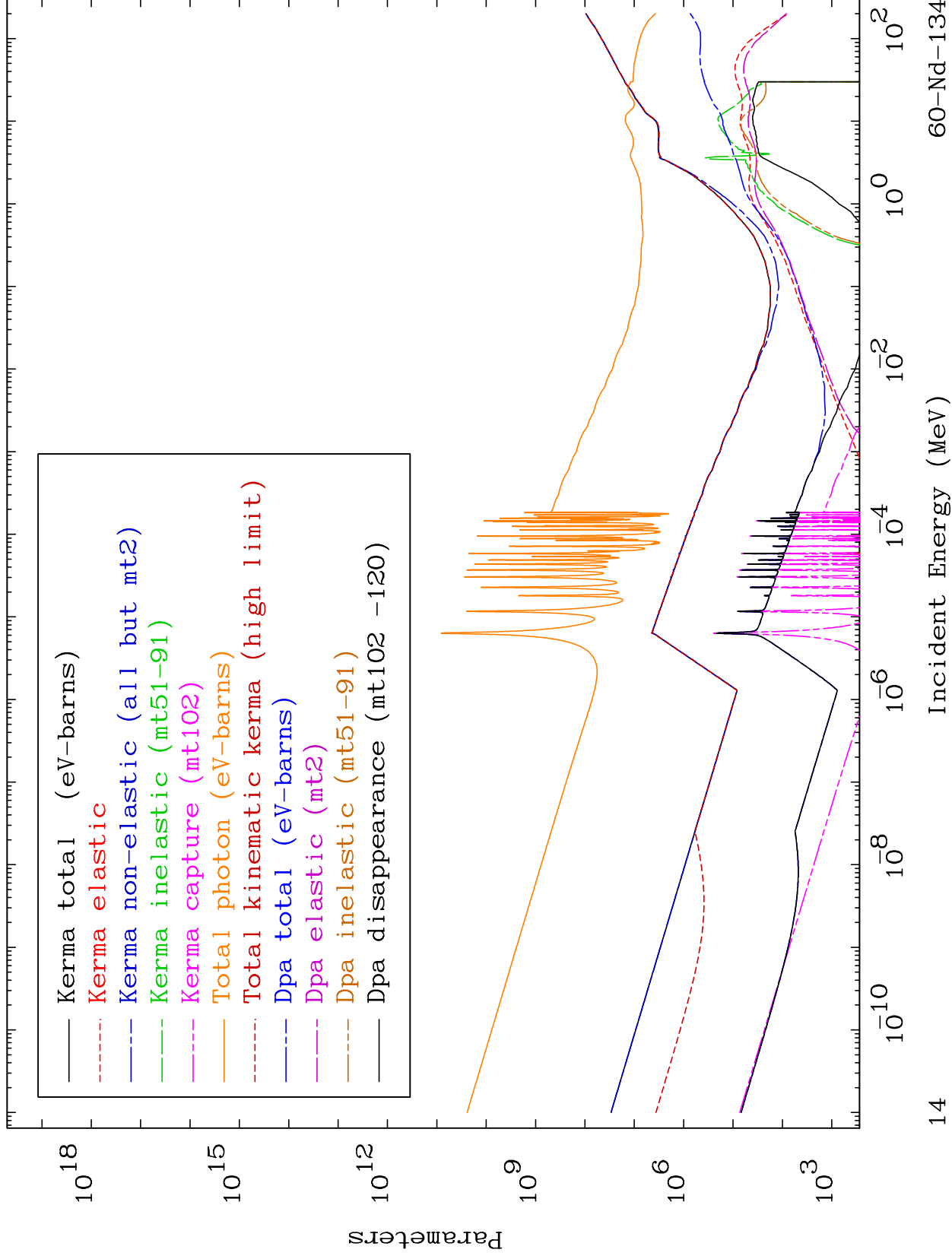
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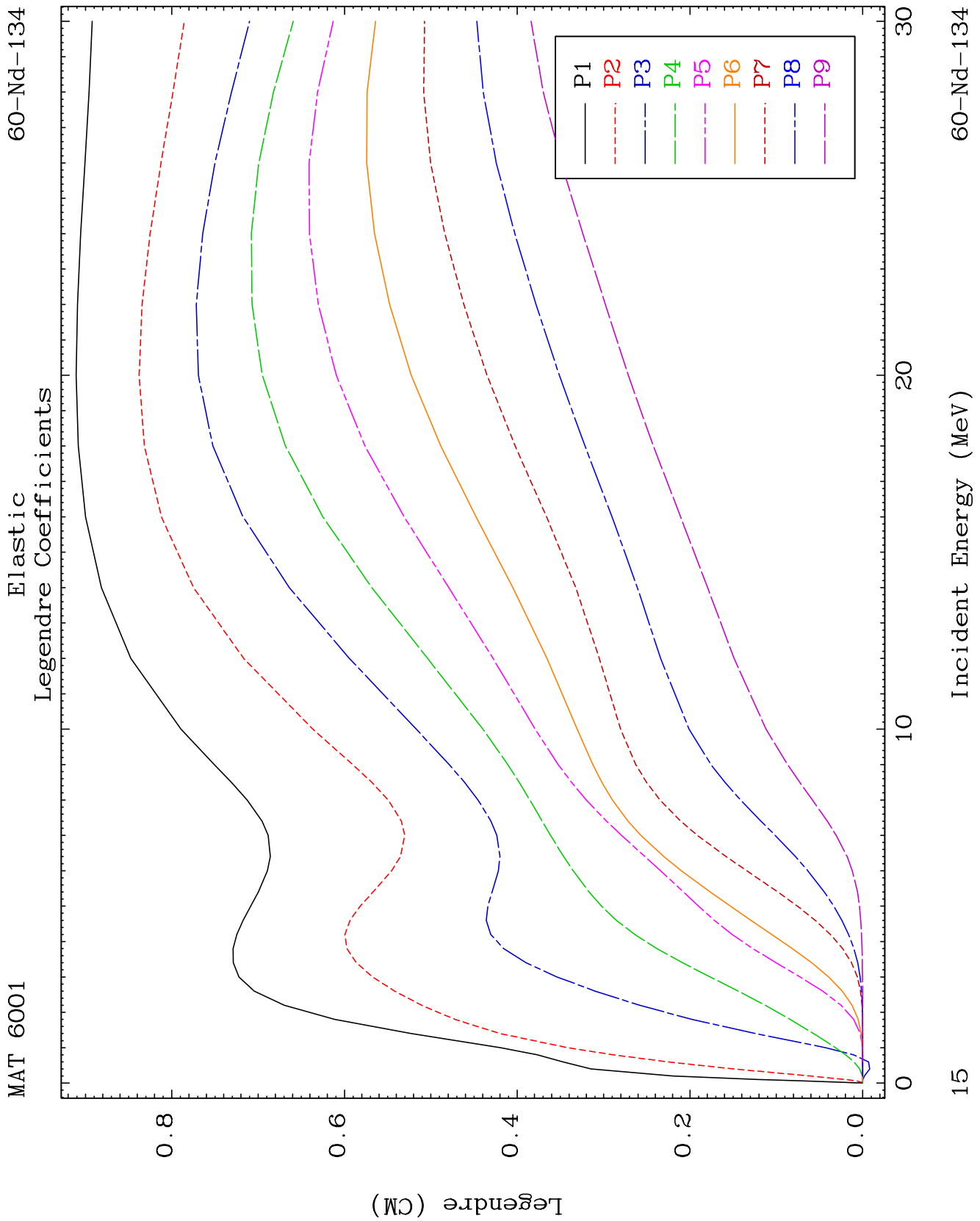
Incident Energy (MeV)

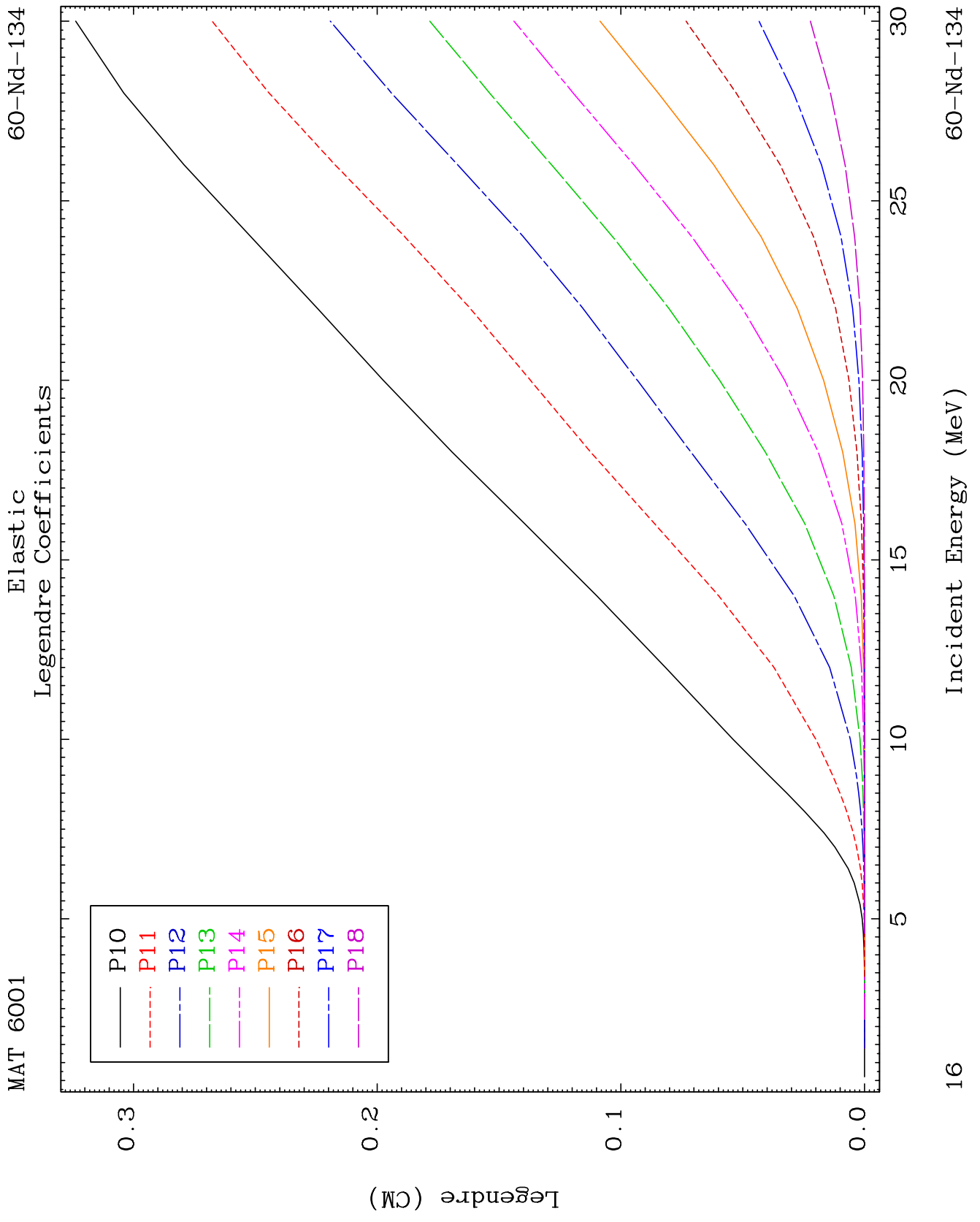
60-Nd-134

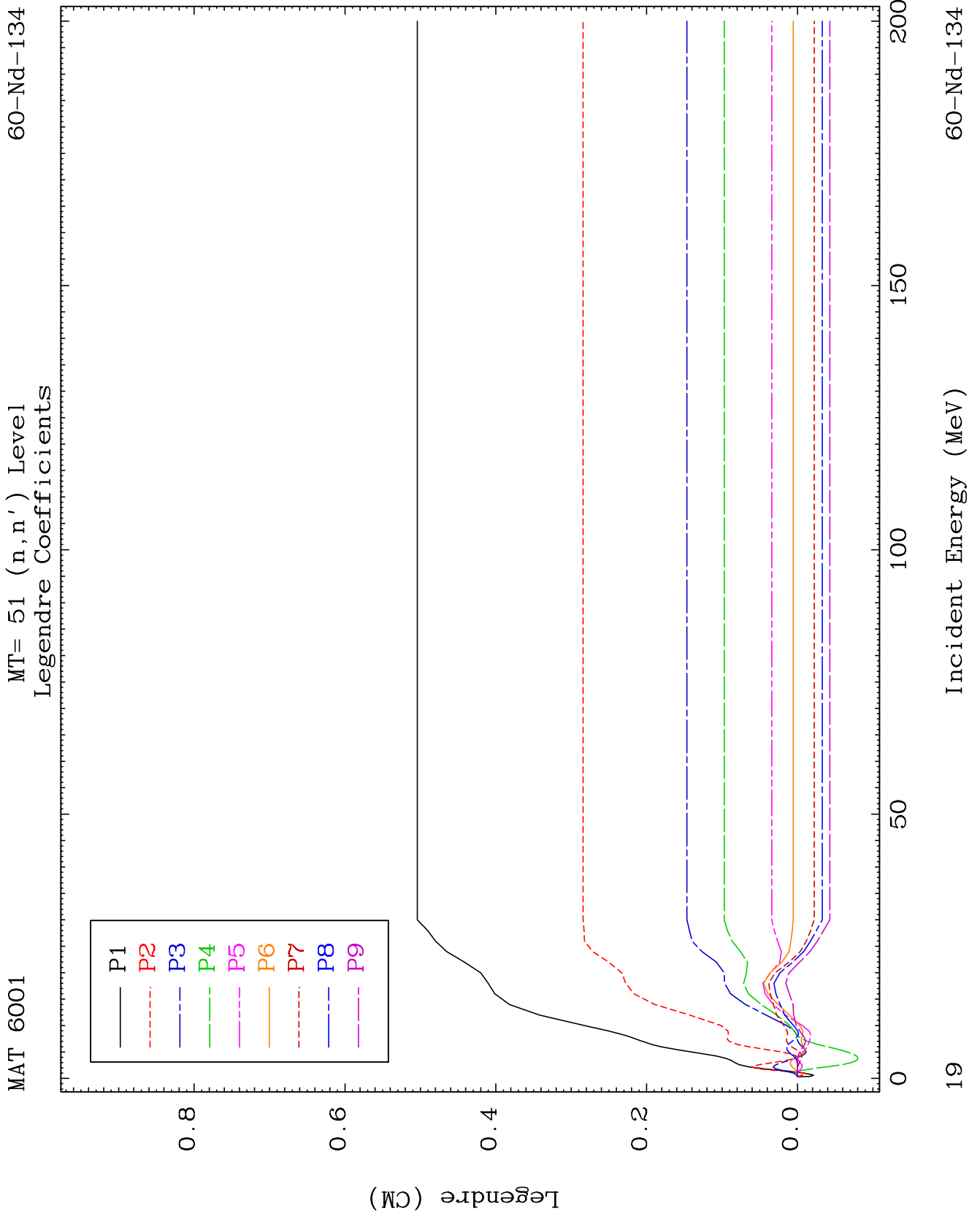


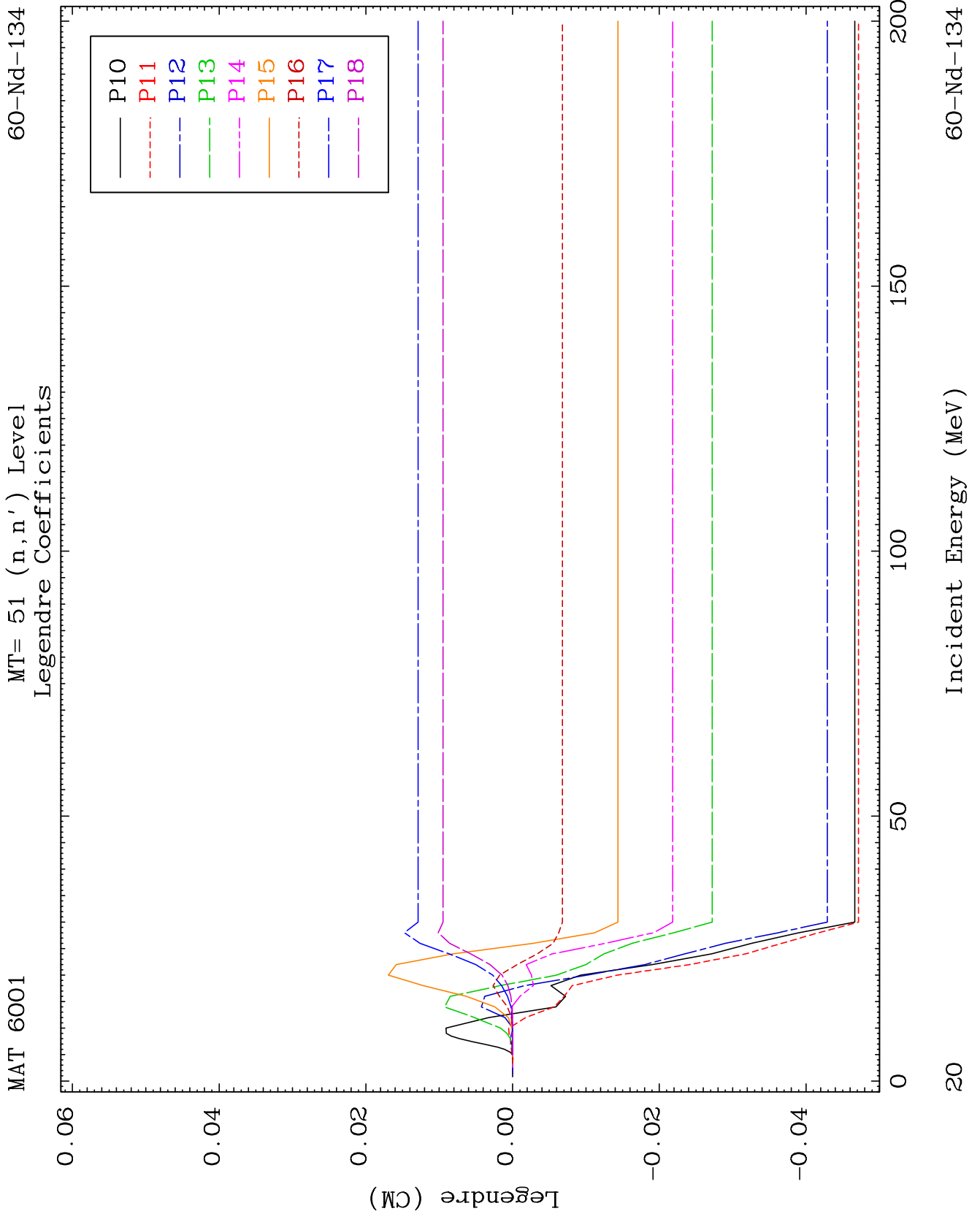


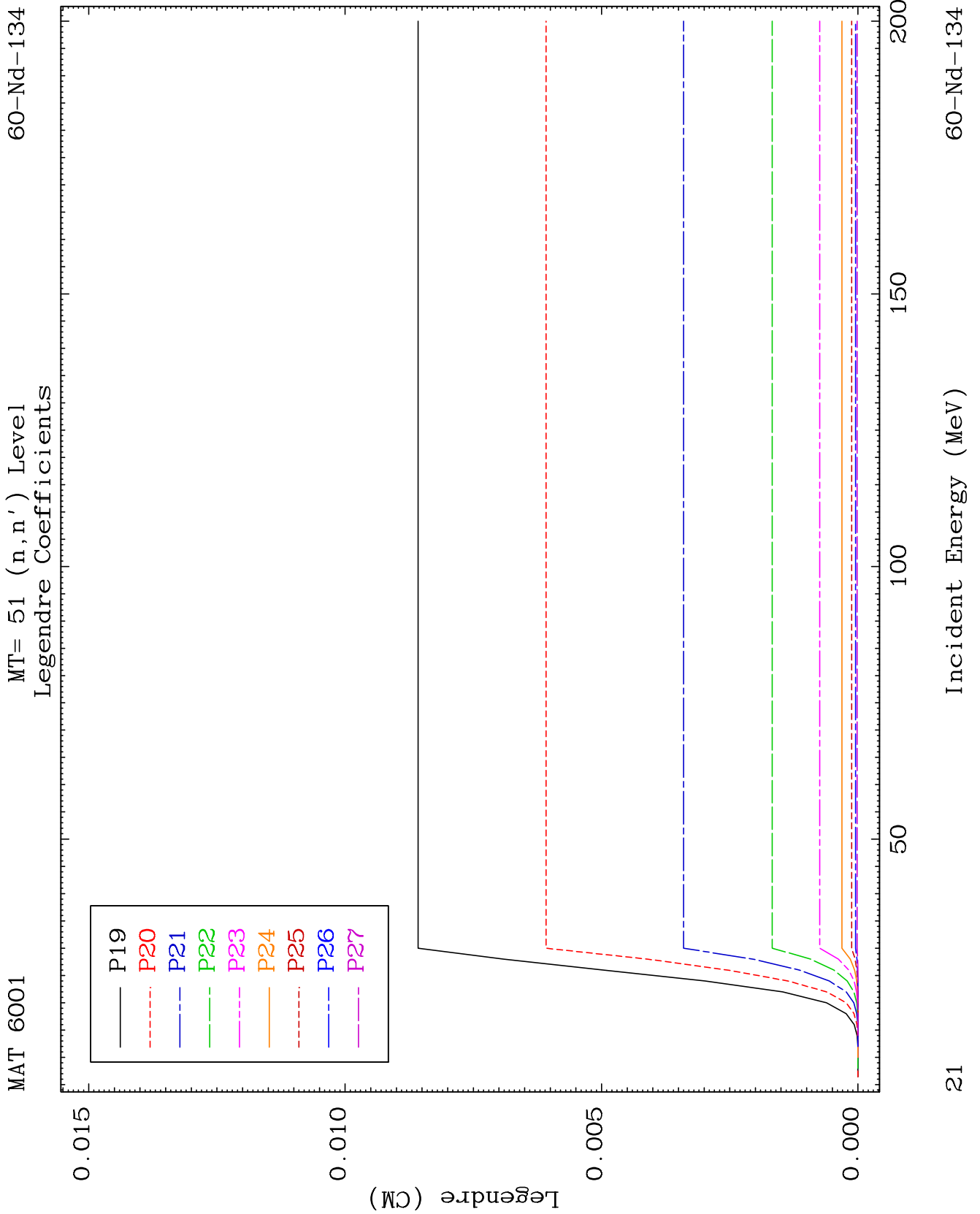


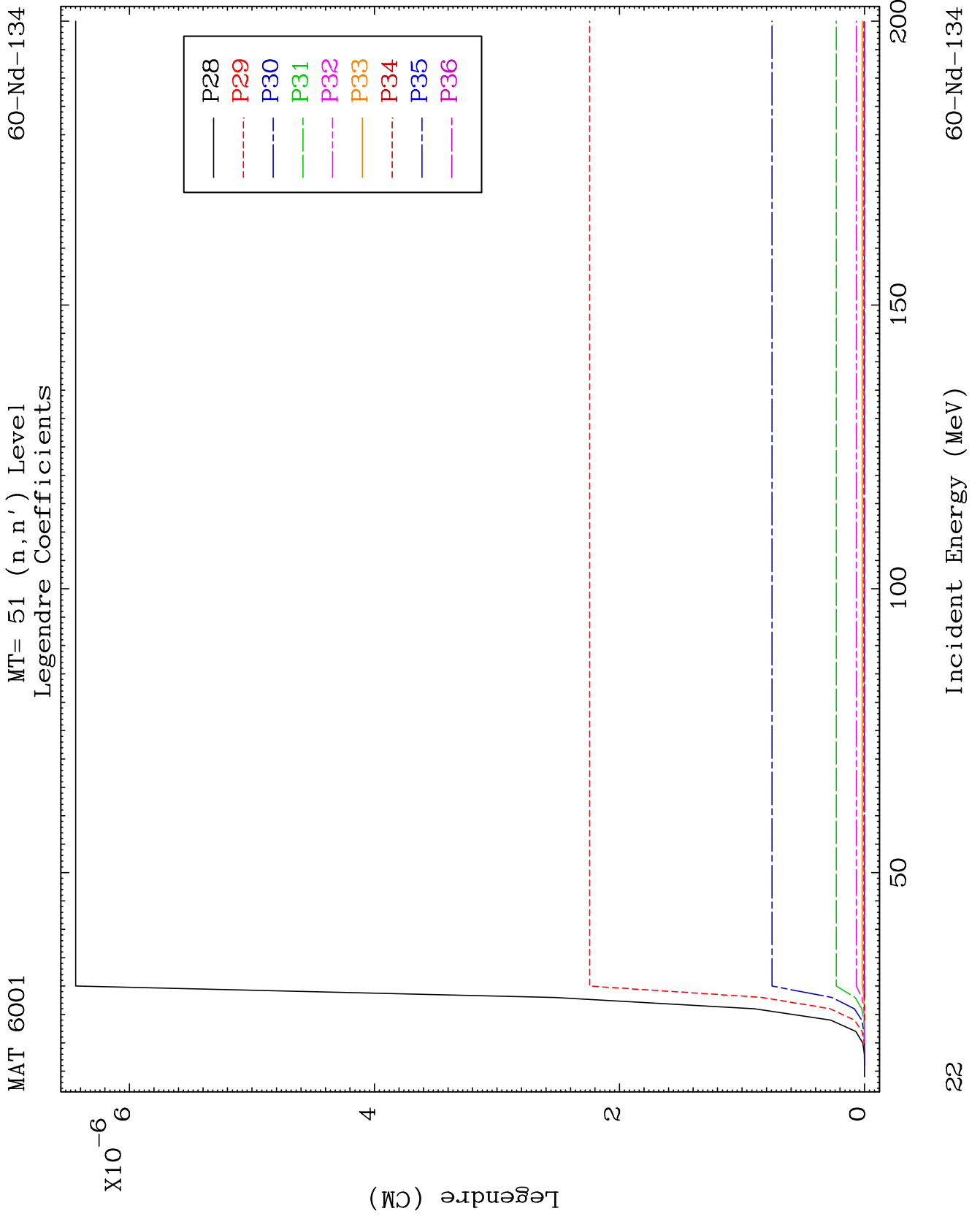


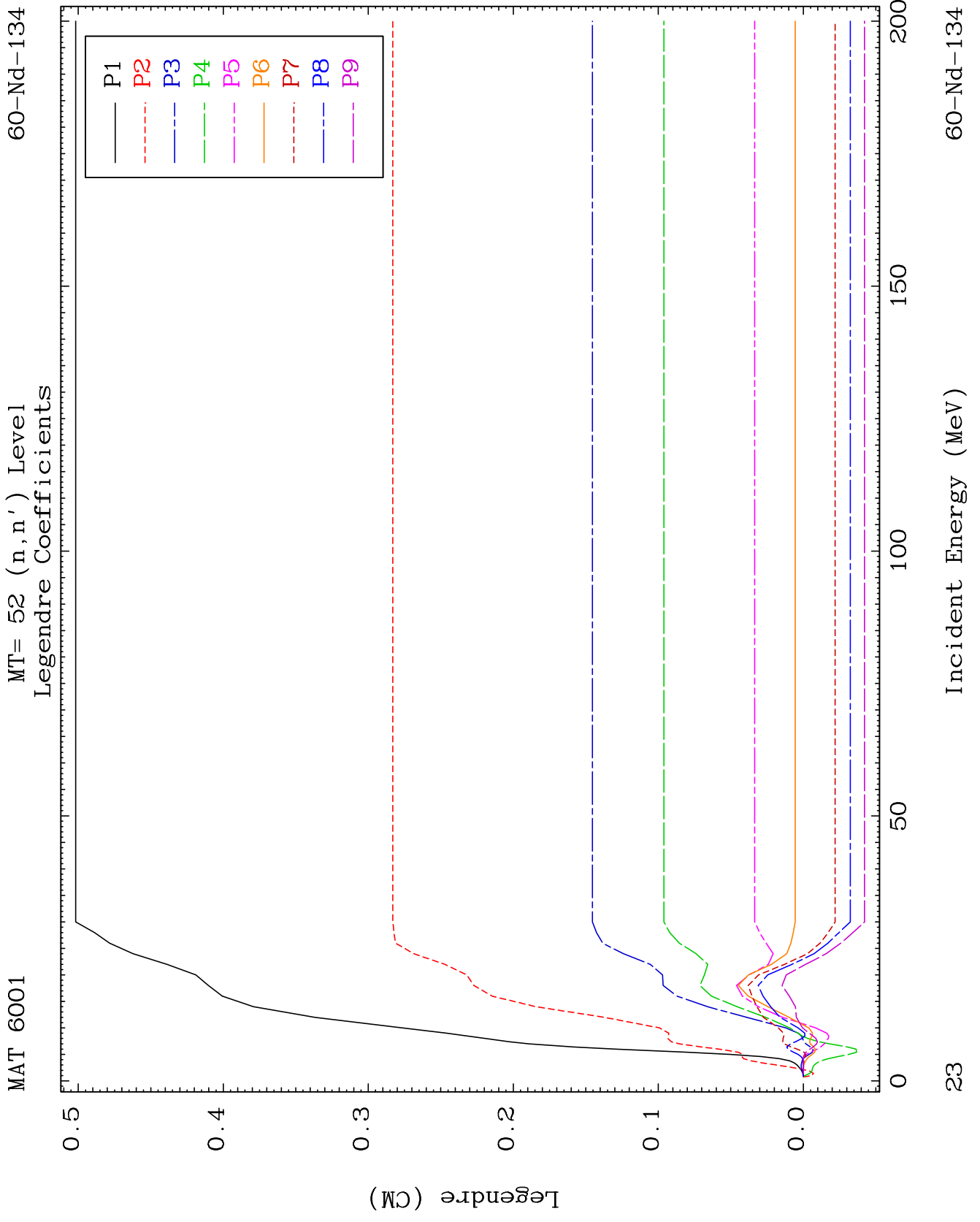


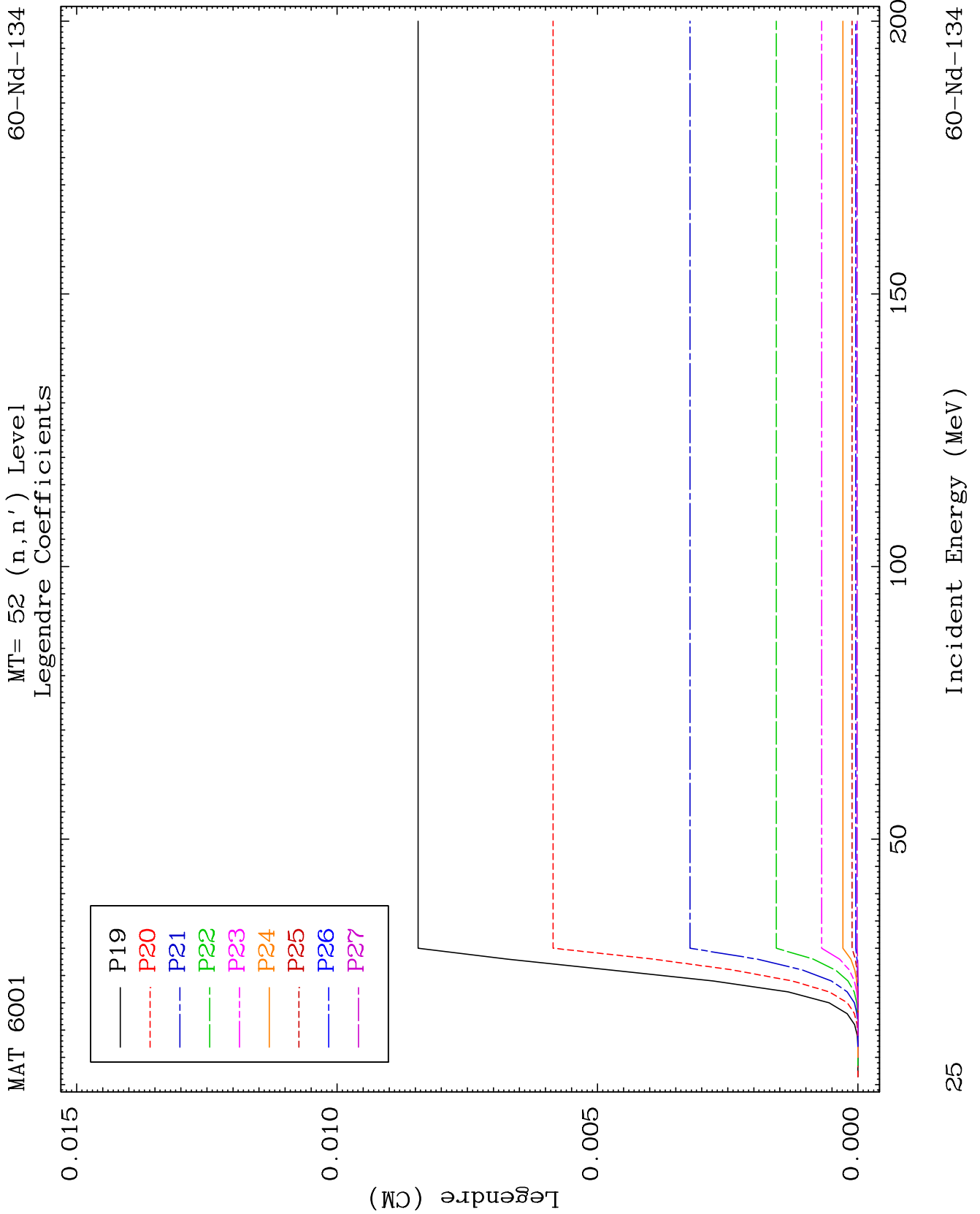


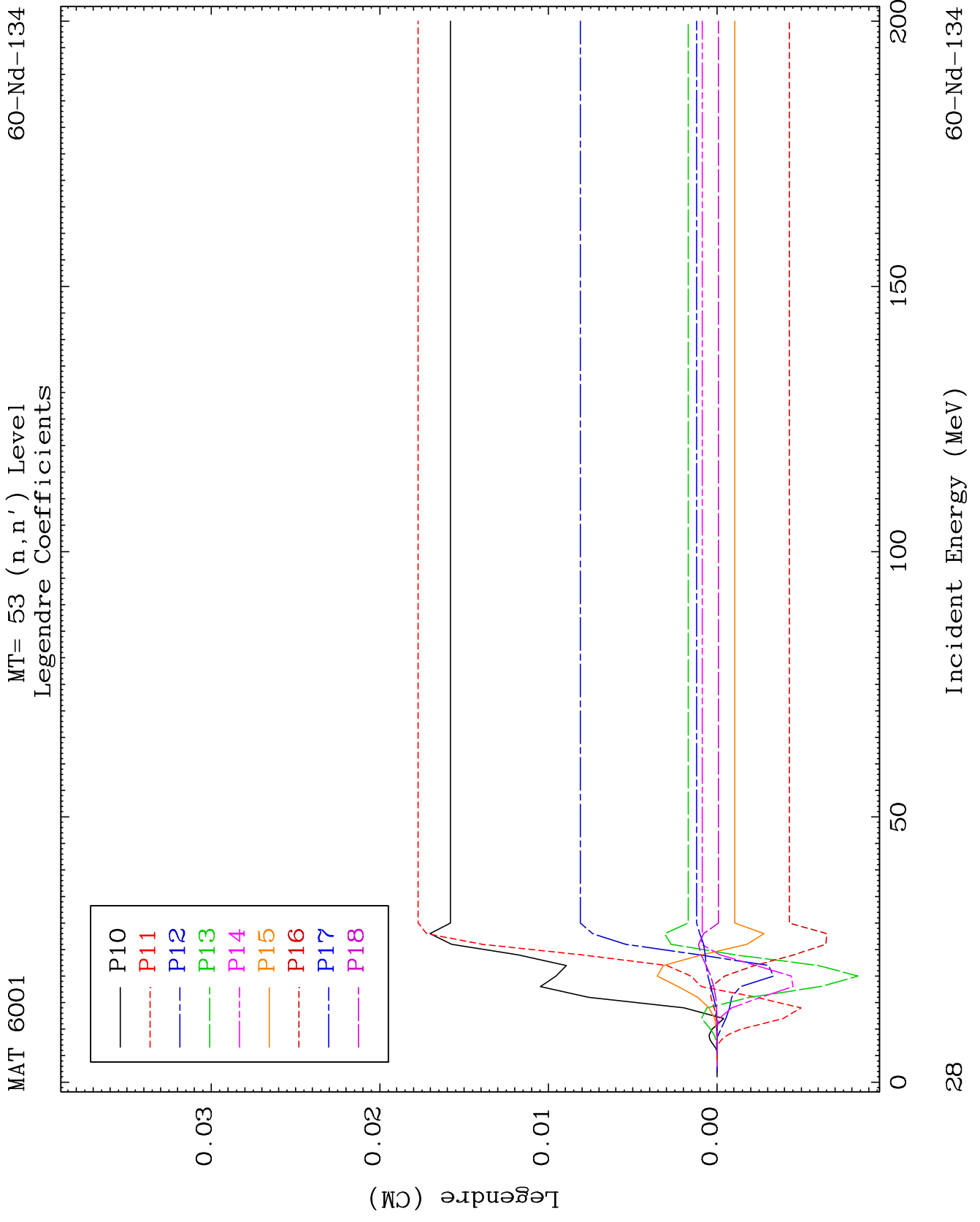








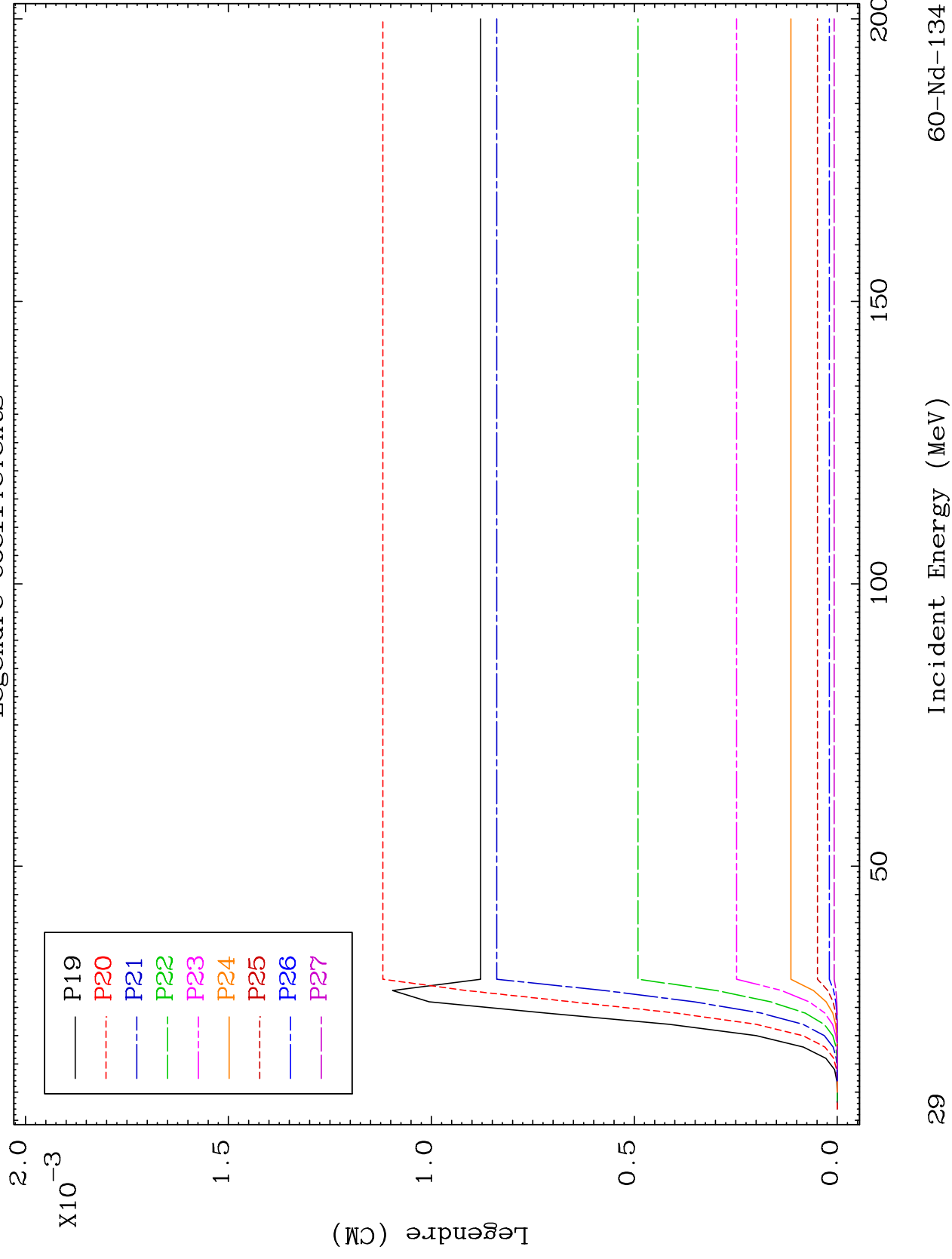




MAT 6001

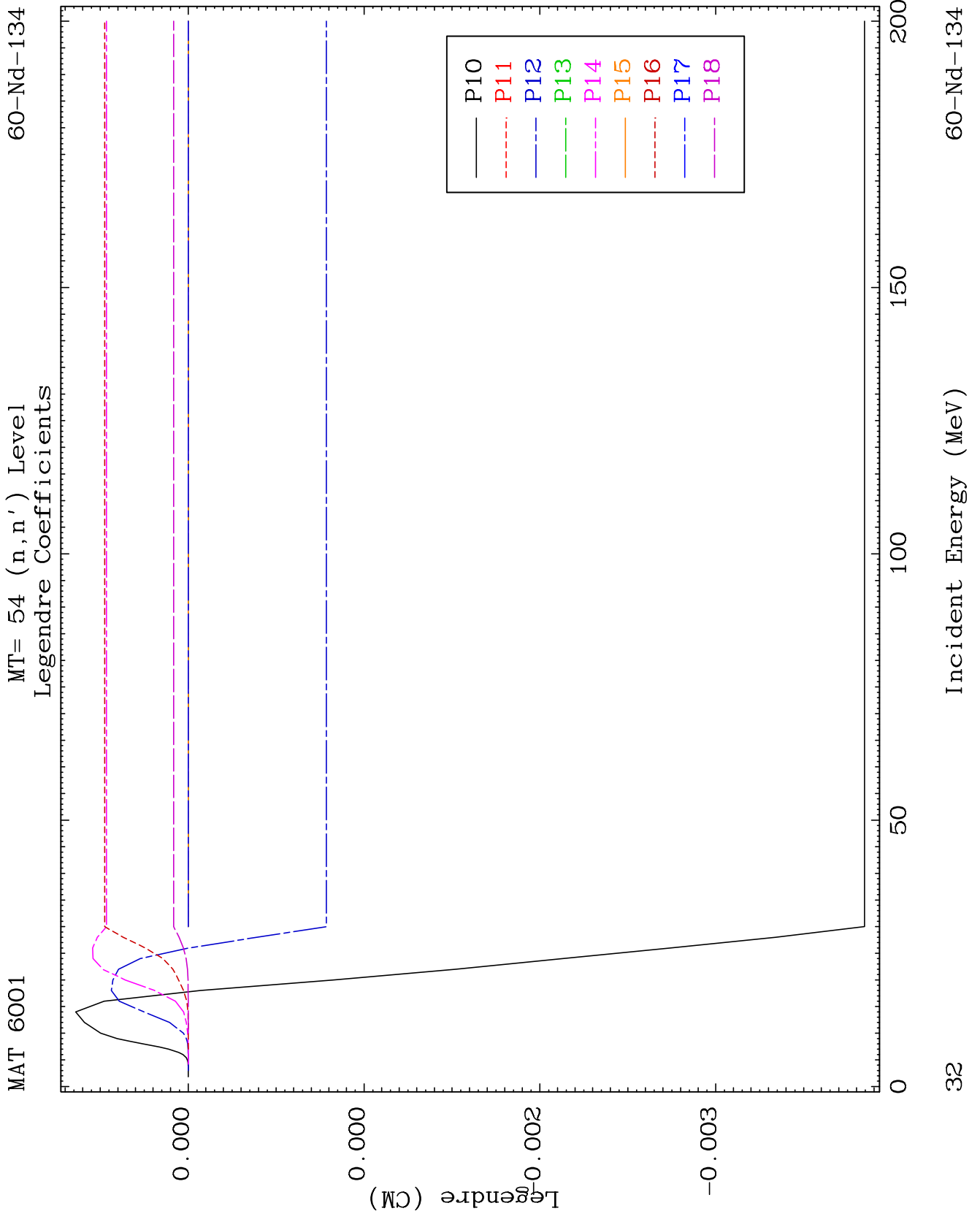
MT= 53 (n,n') Level
Legendre Coefficients

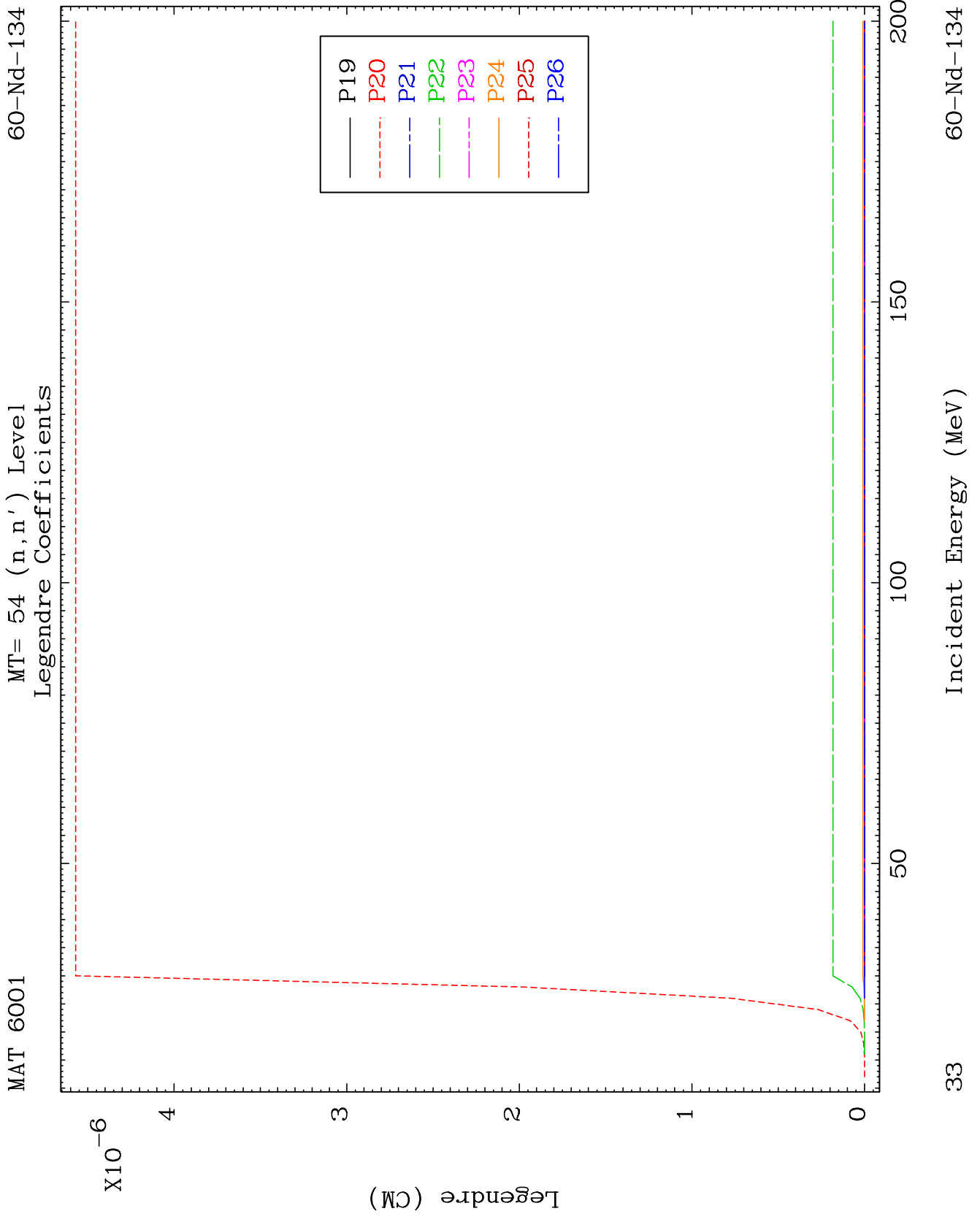
60-Nd-134



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60-Nd-134

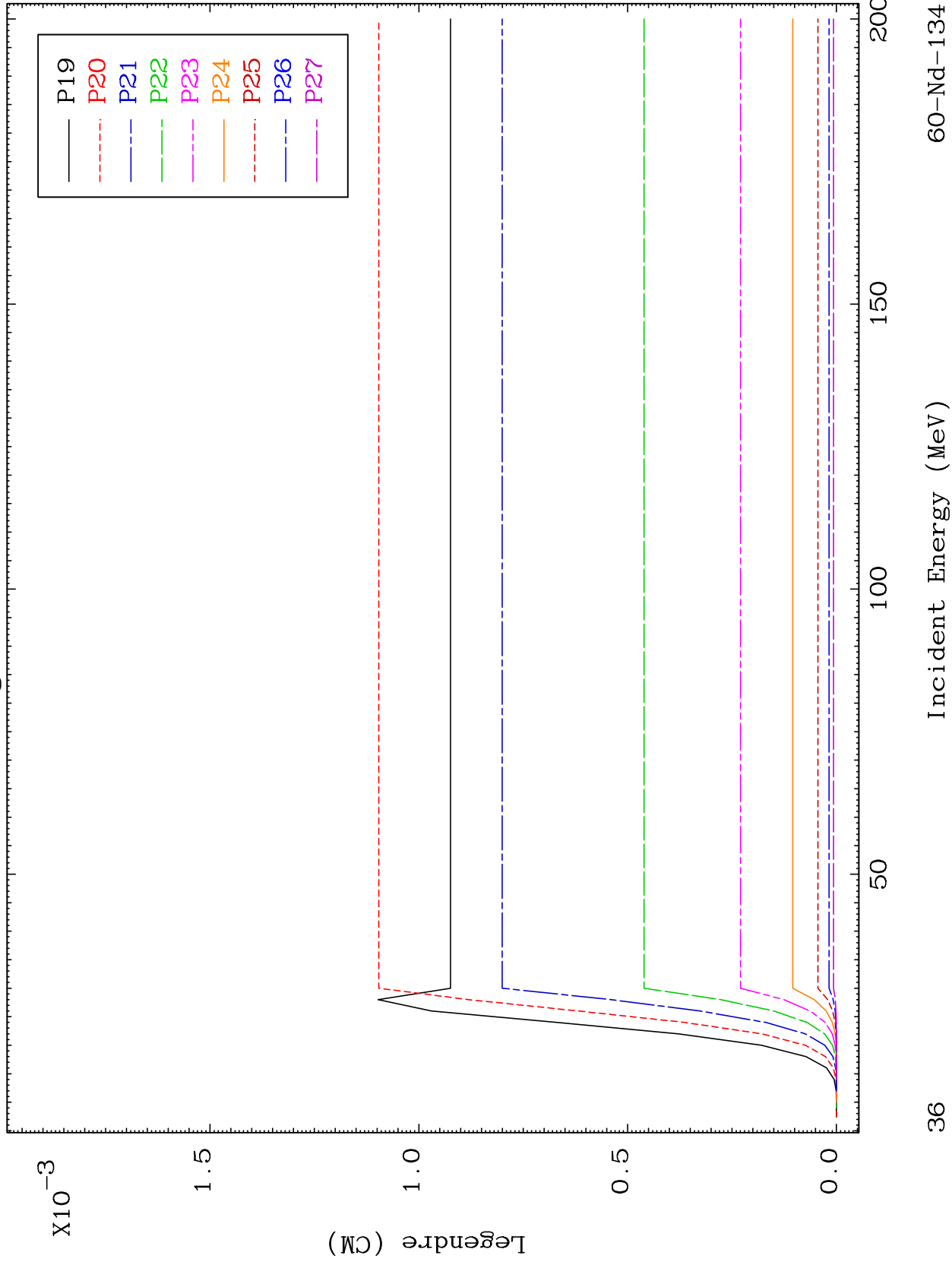




MAT 6001

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

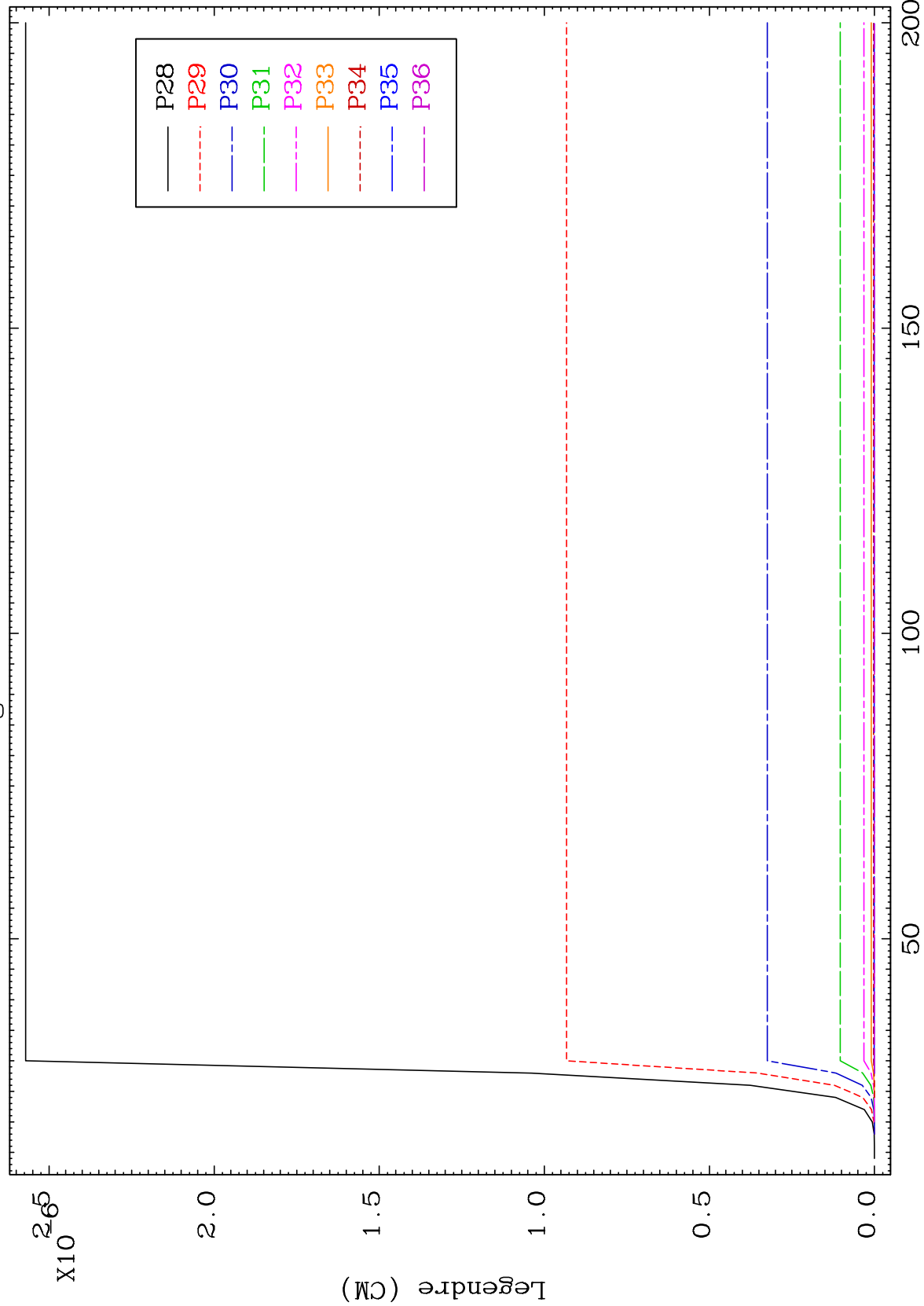
60-Nd-134



MAT 6001

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

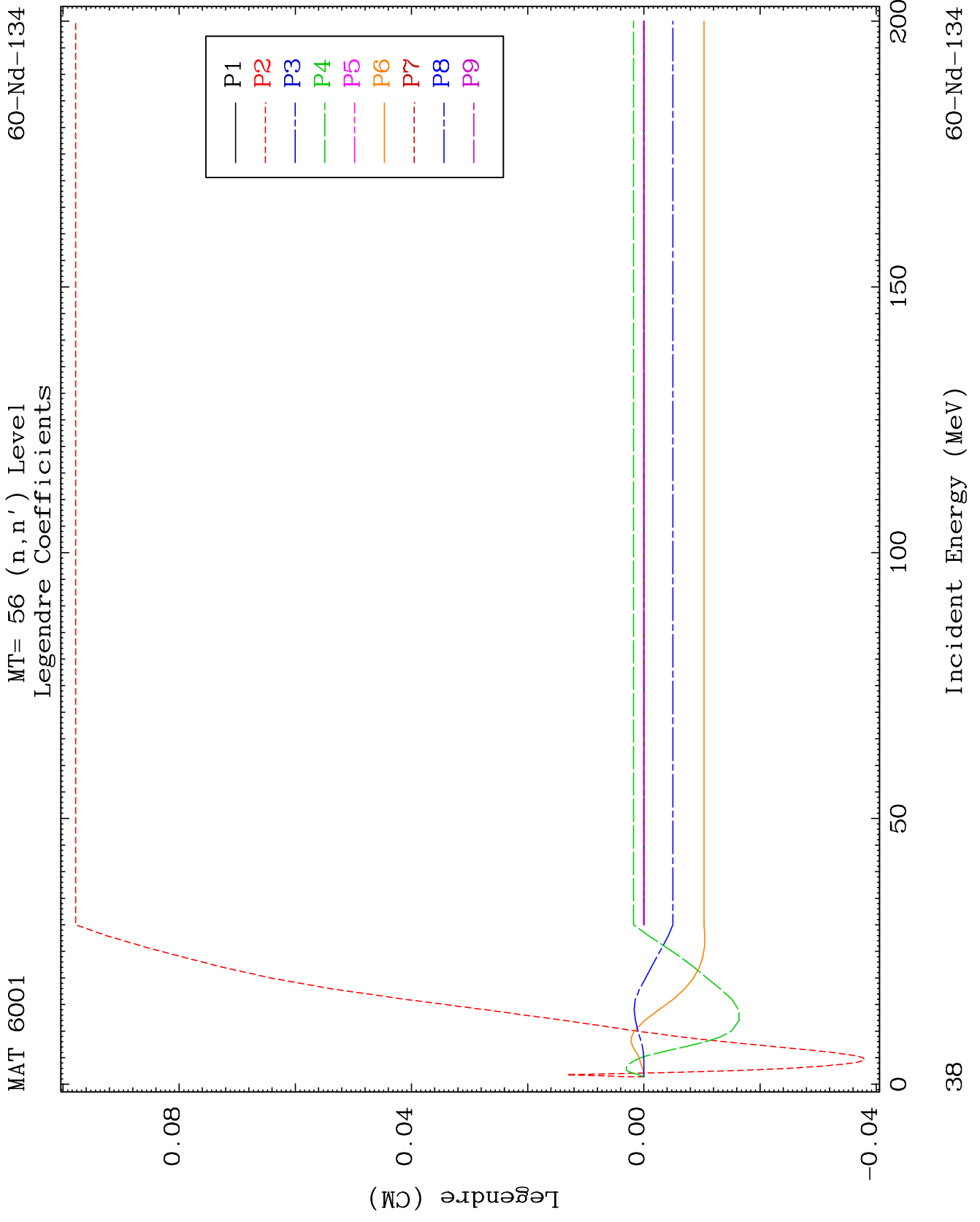
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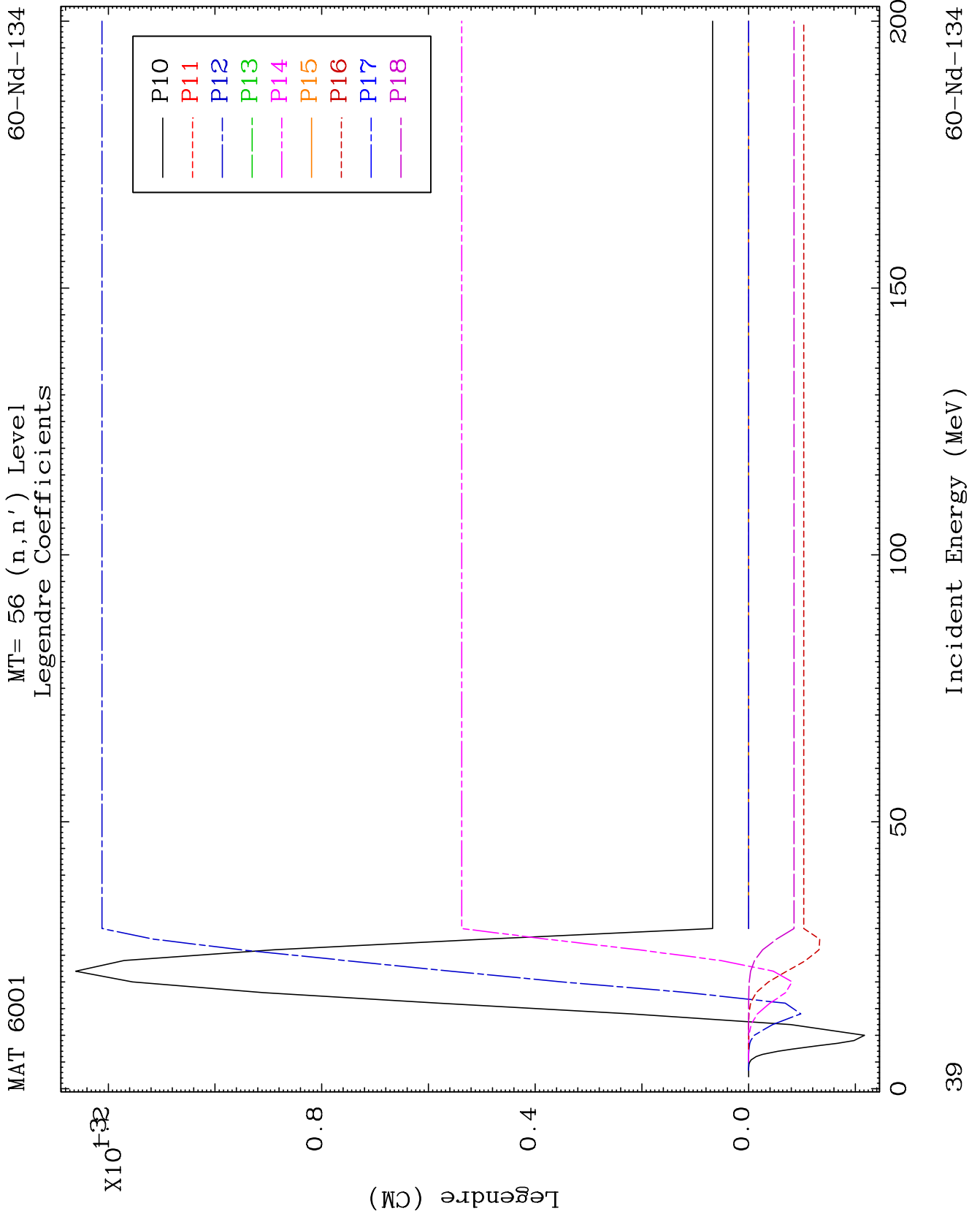


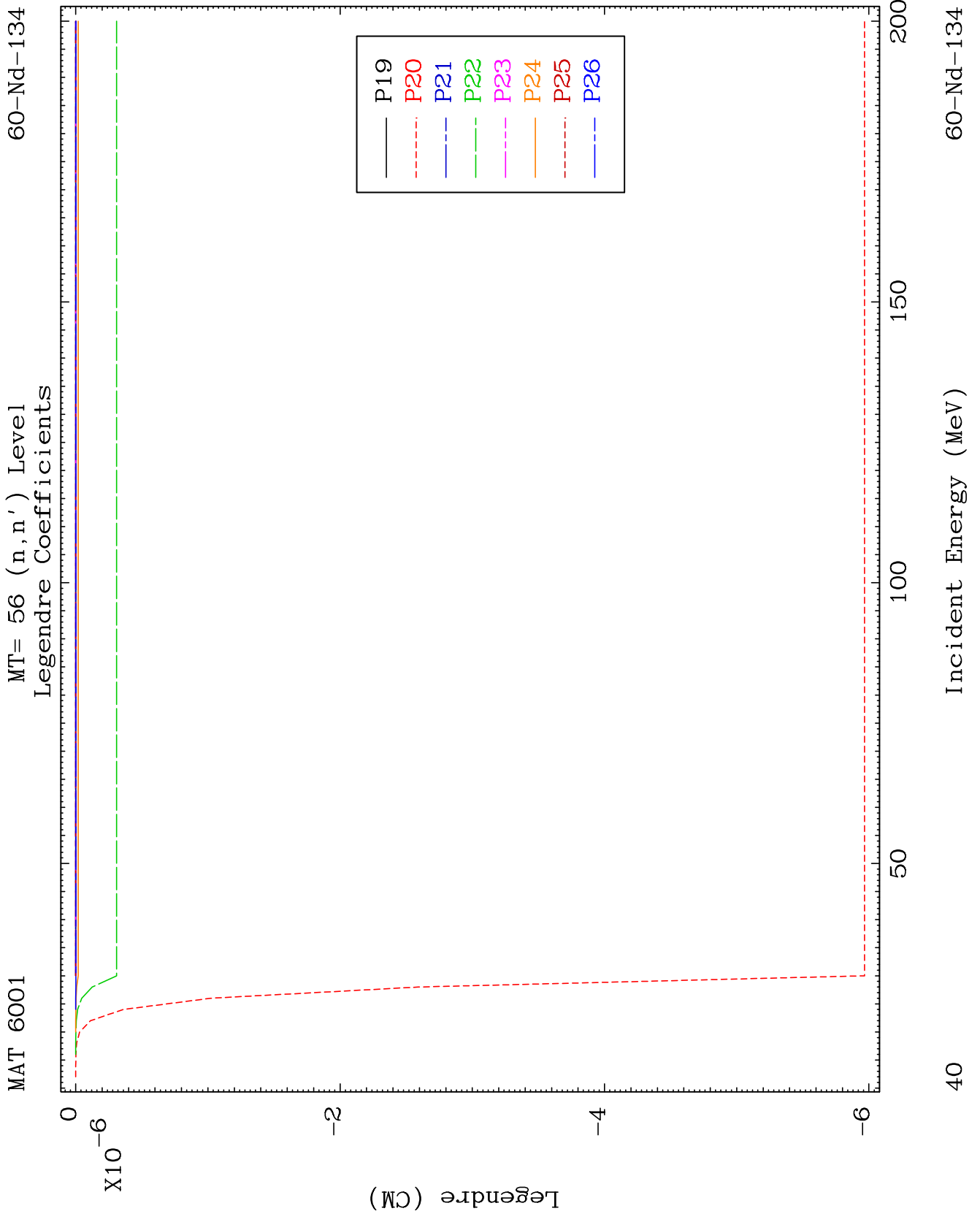
60-Nd-134

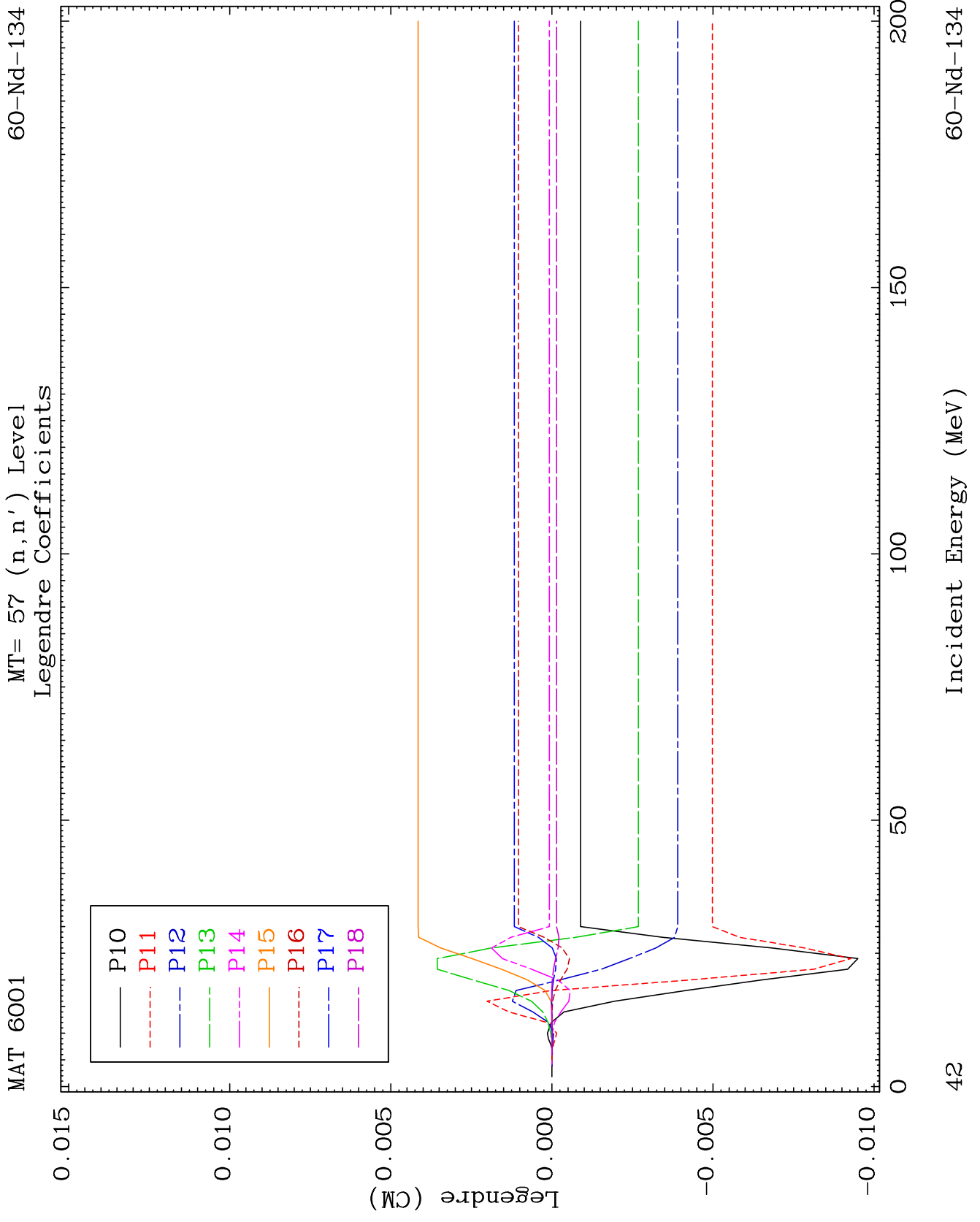
Incident Energy (MeV)

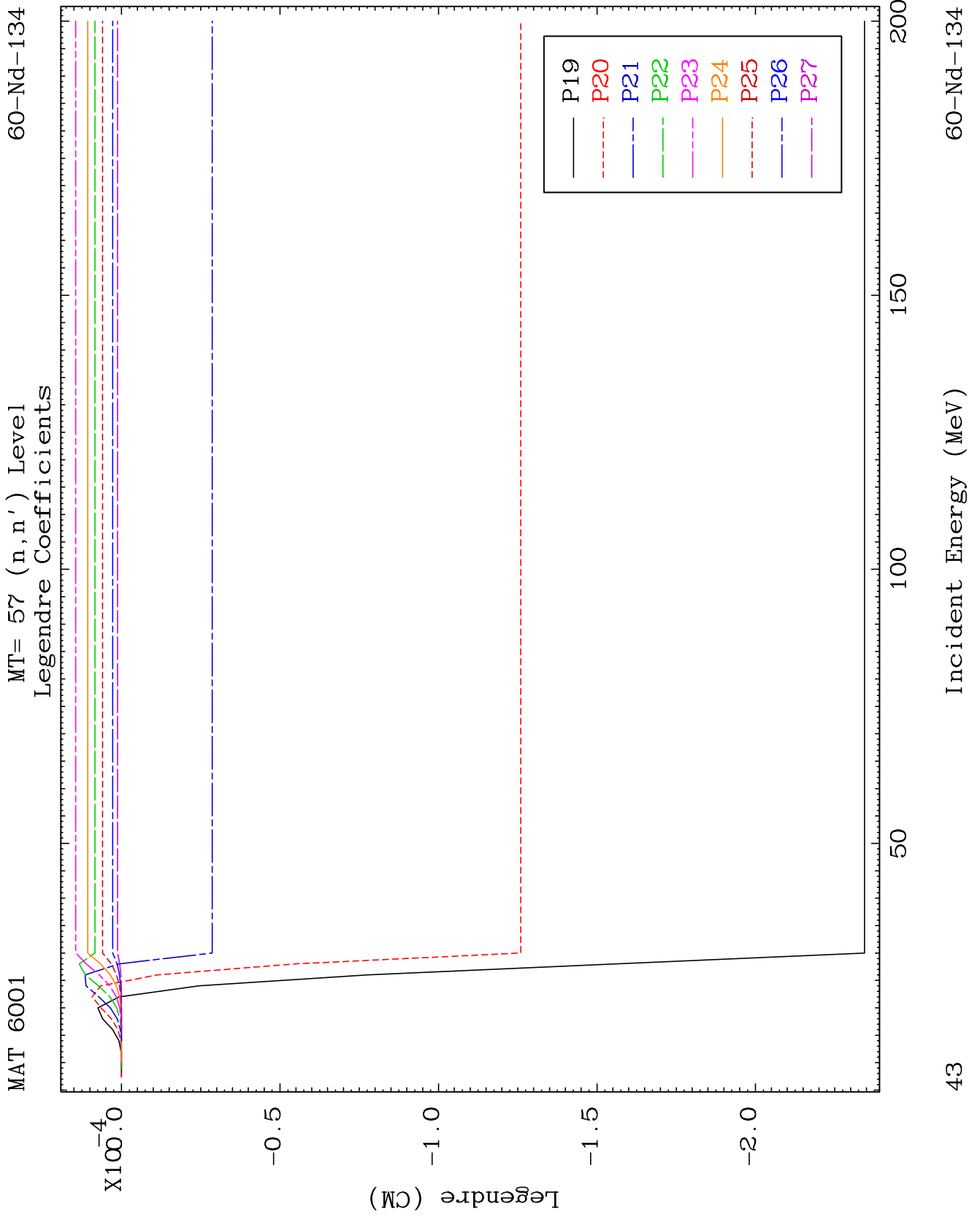
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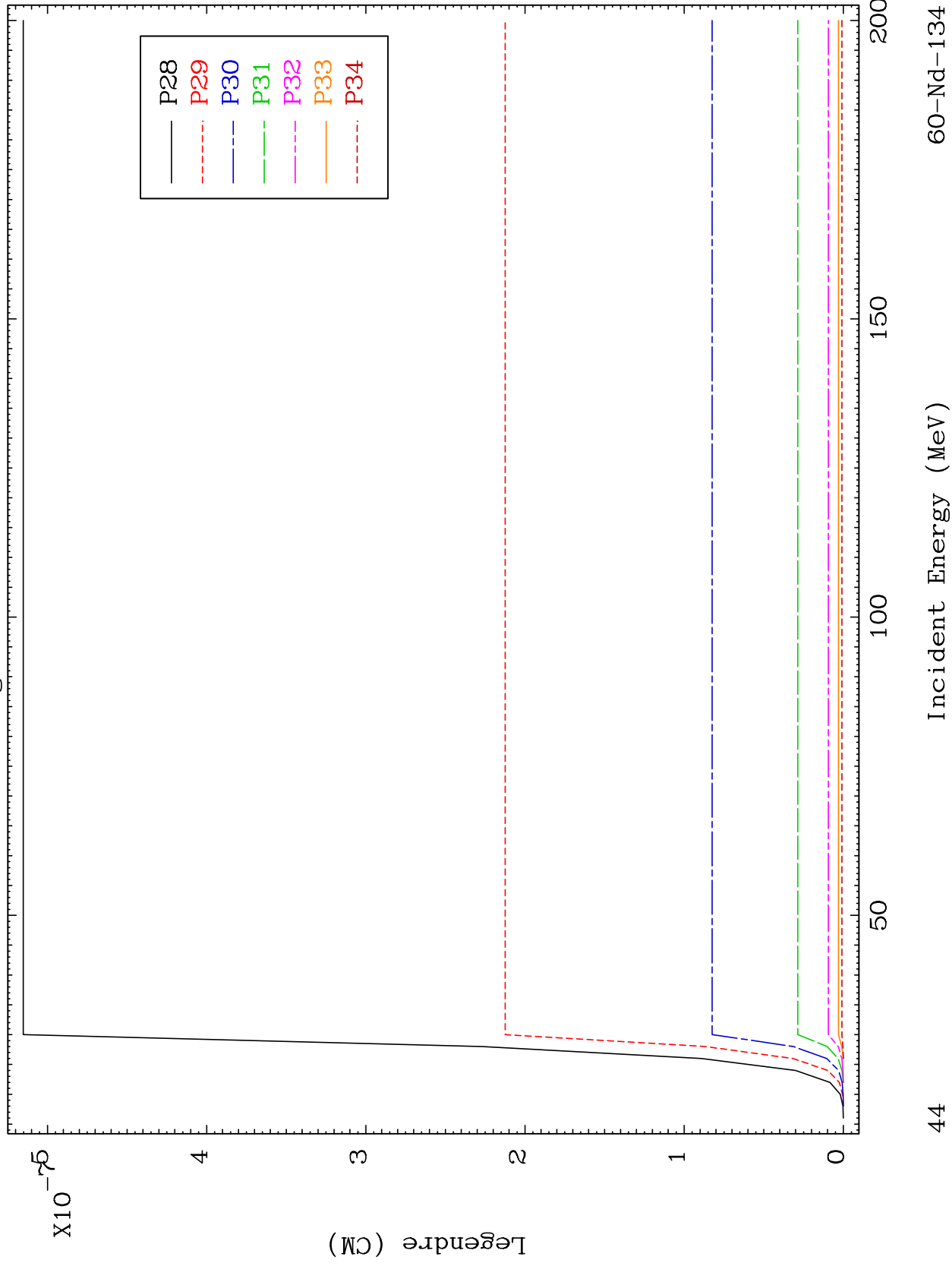




MAT 6001

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

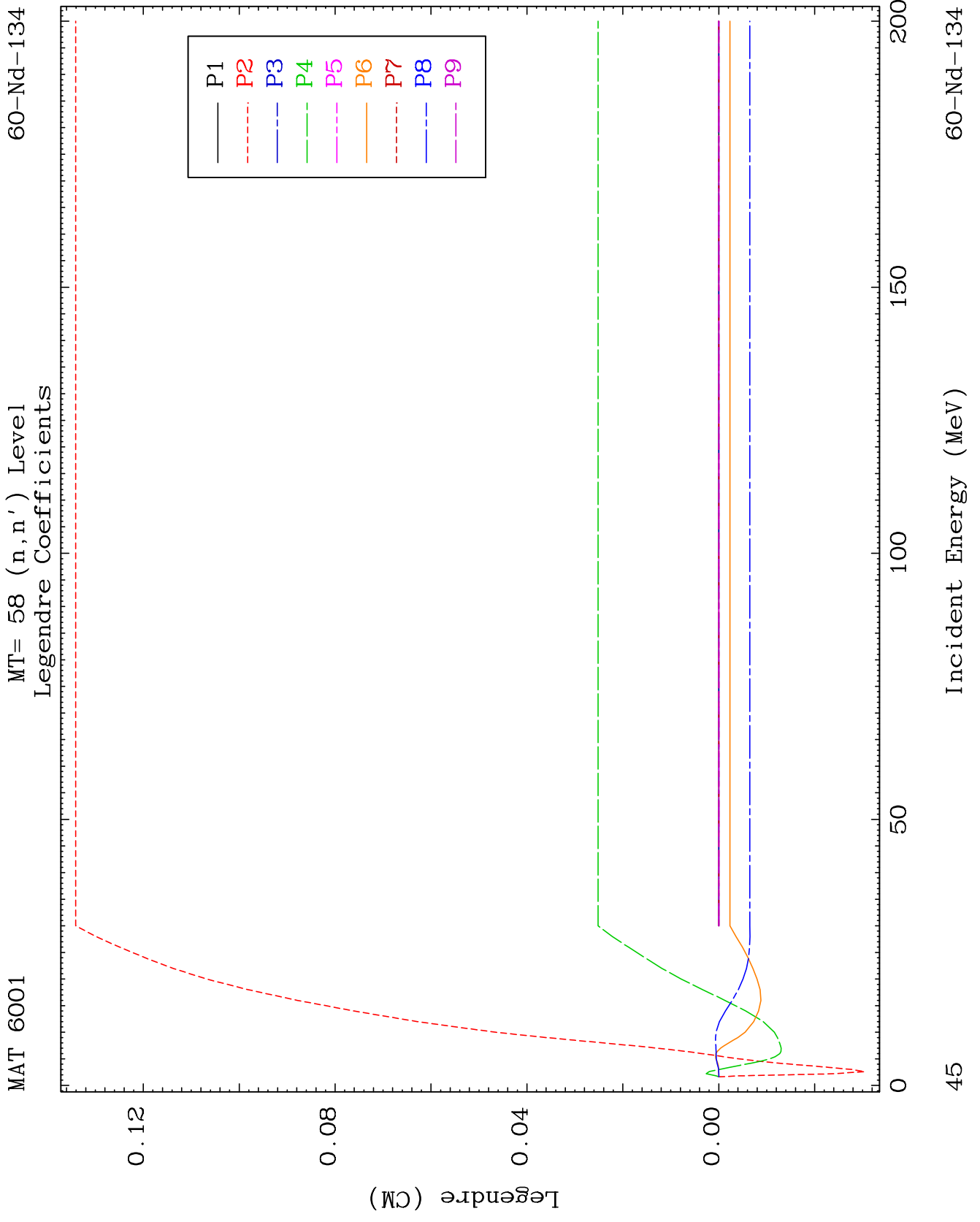
60-Nd-134

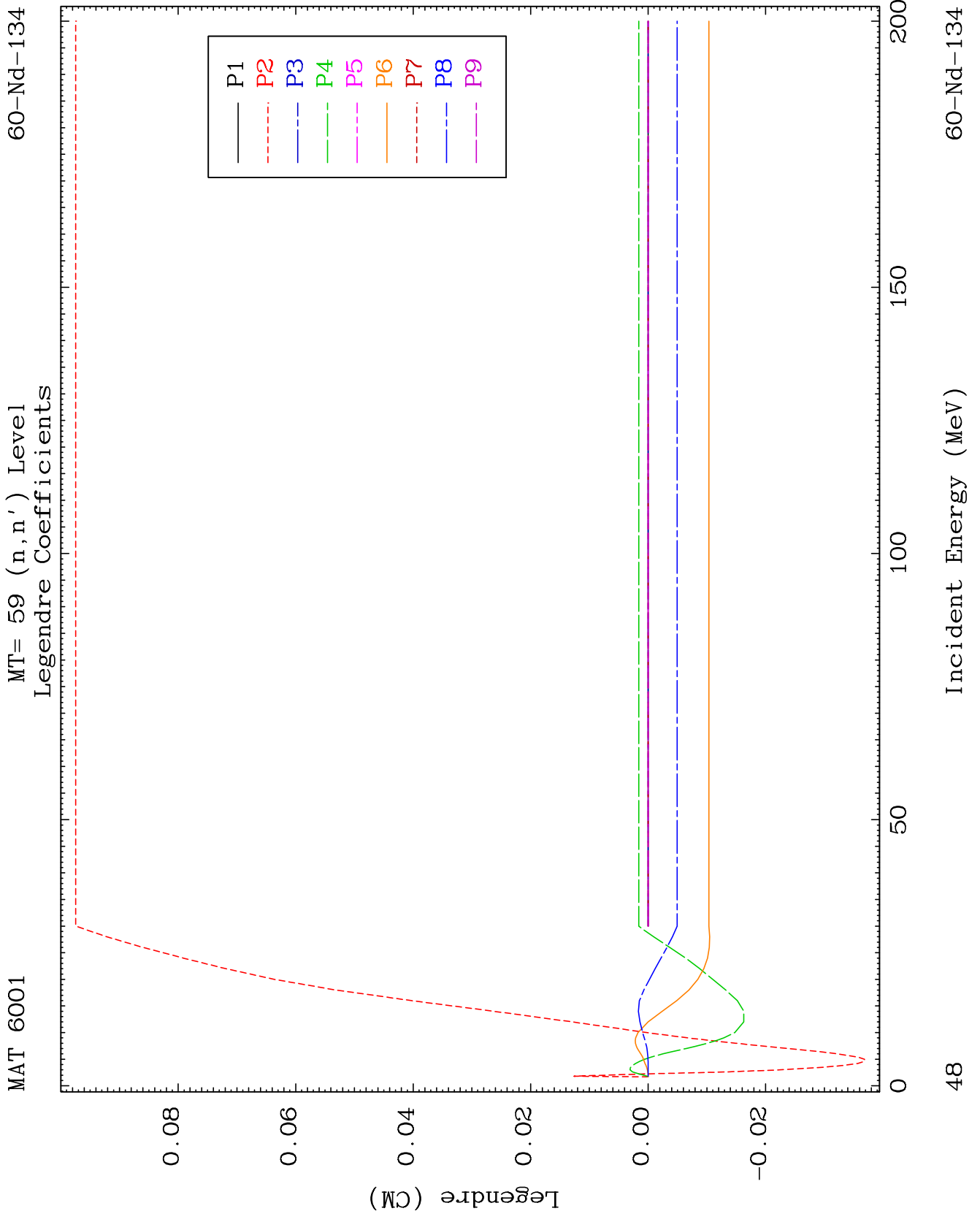


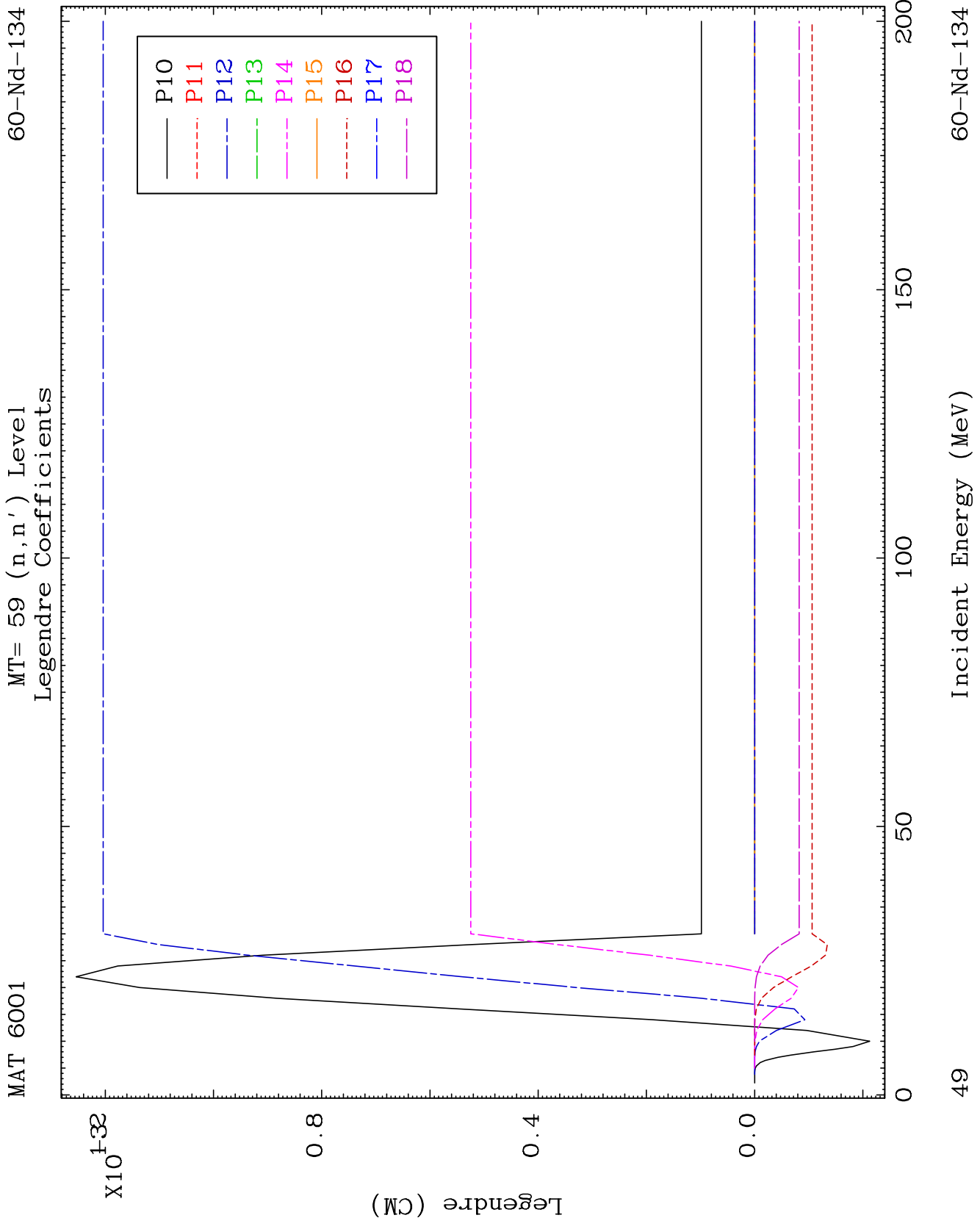
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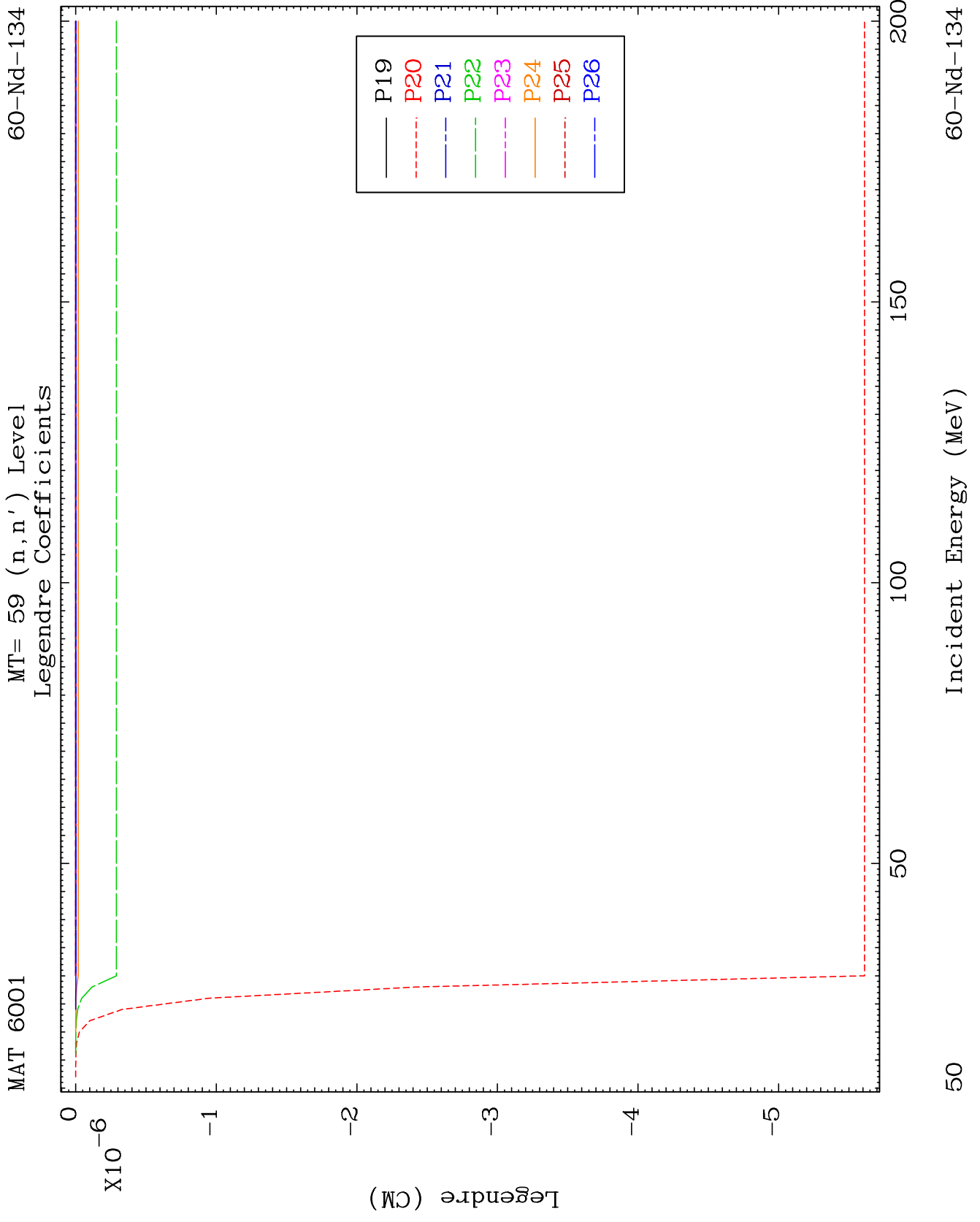
Incident Energy (MeV)

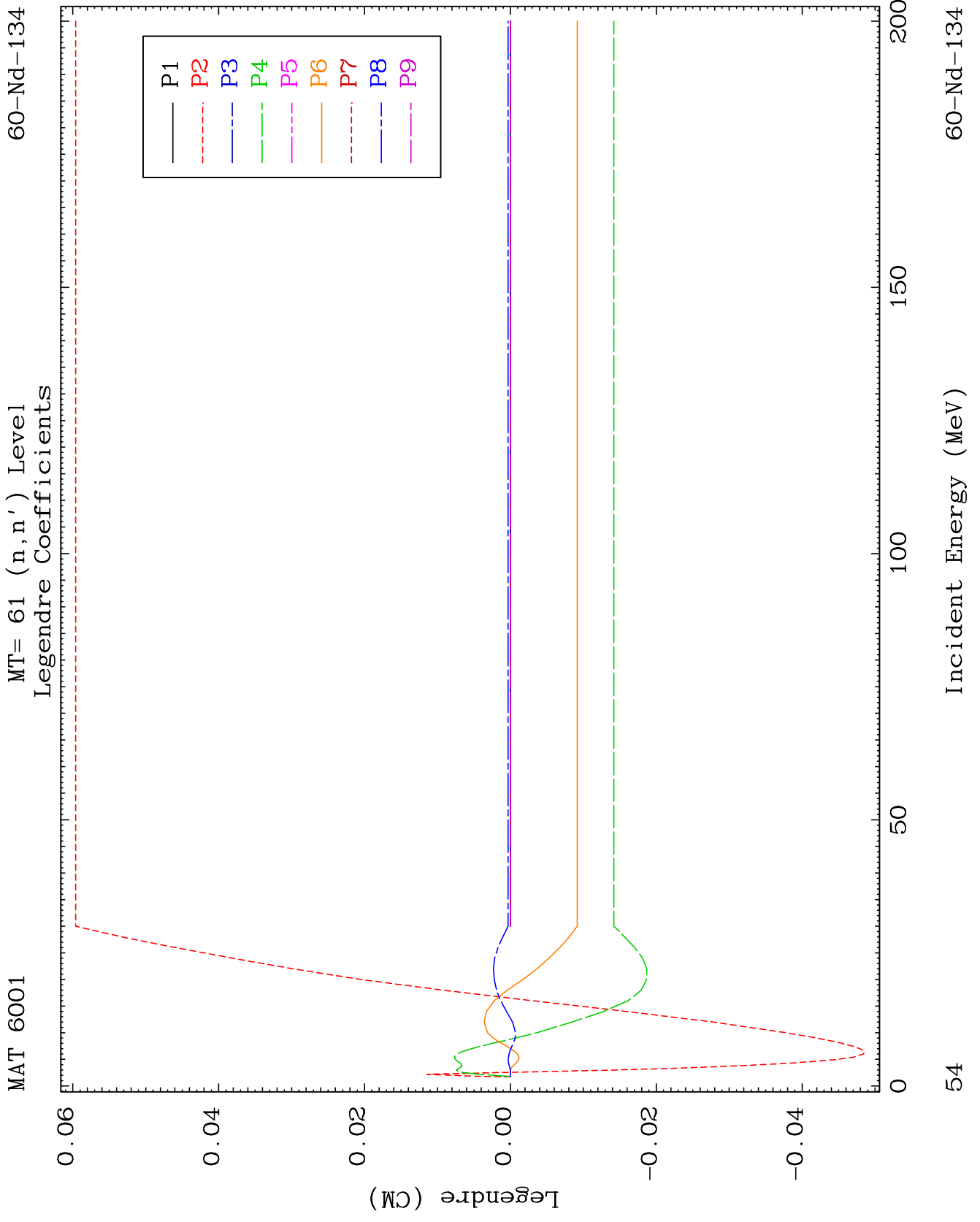
60-Nd-134







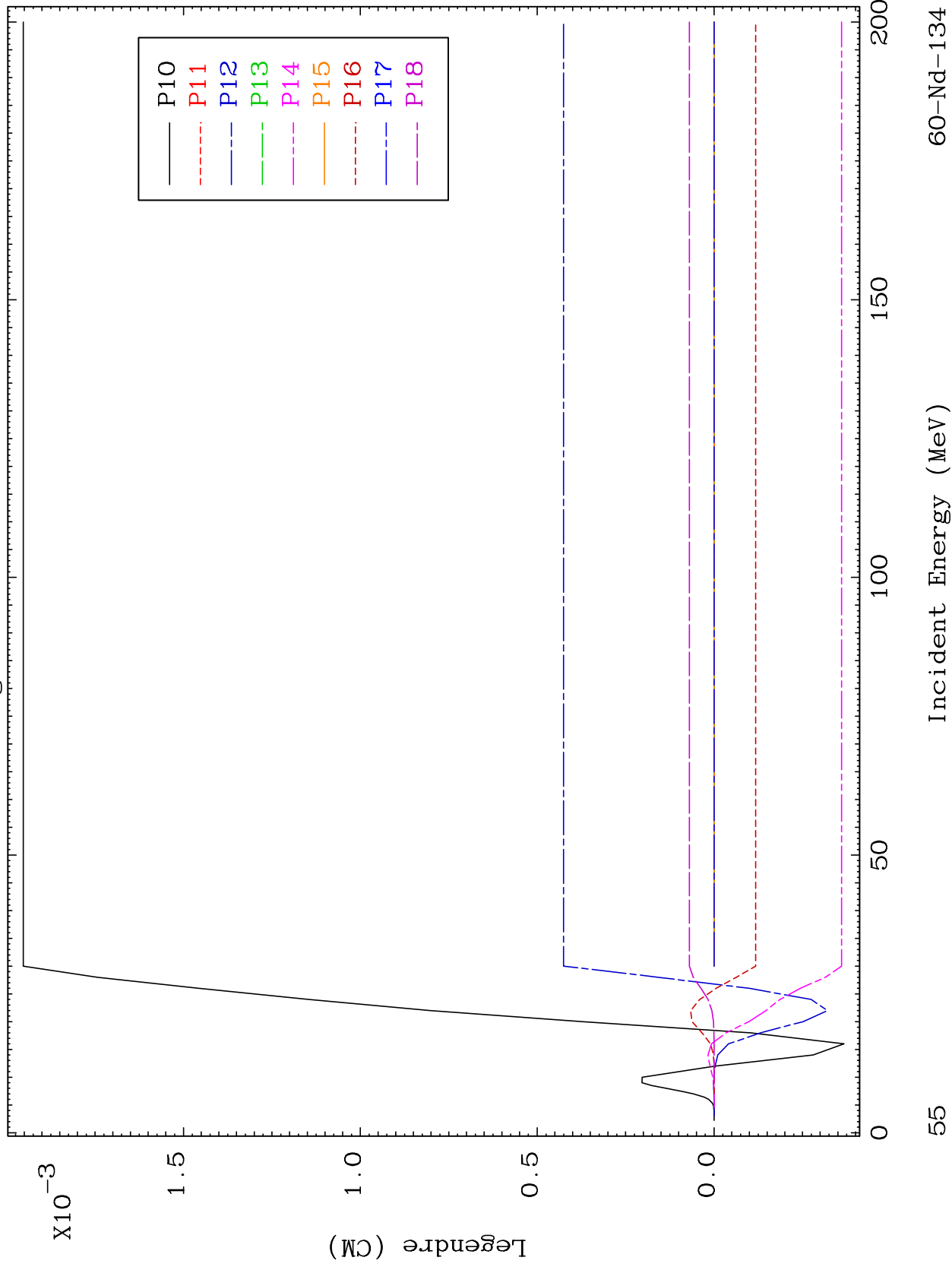




MAT 6001

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

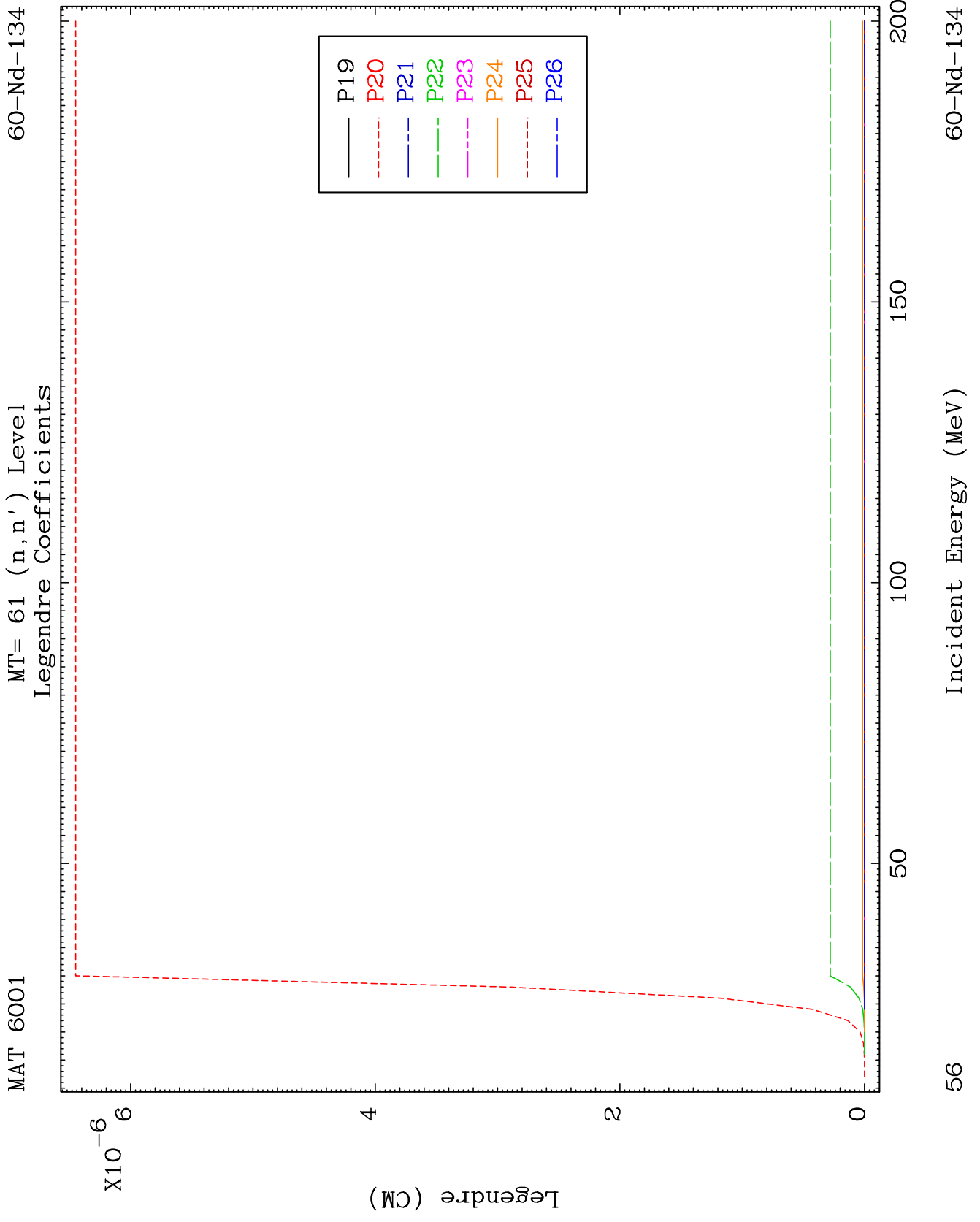
60-Nd-134

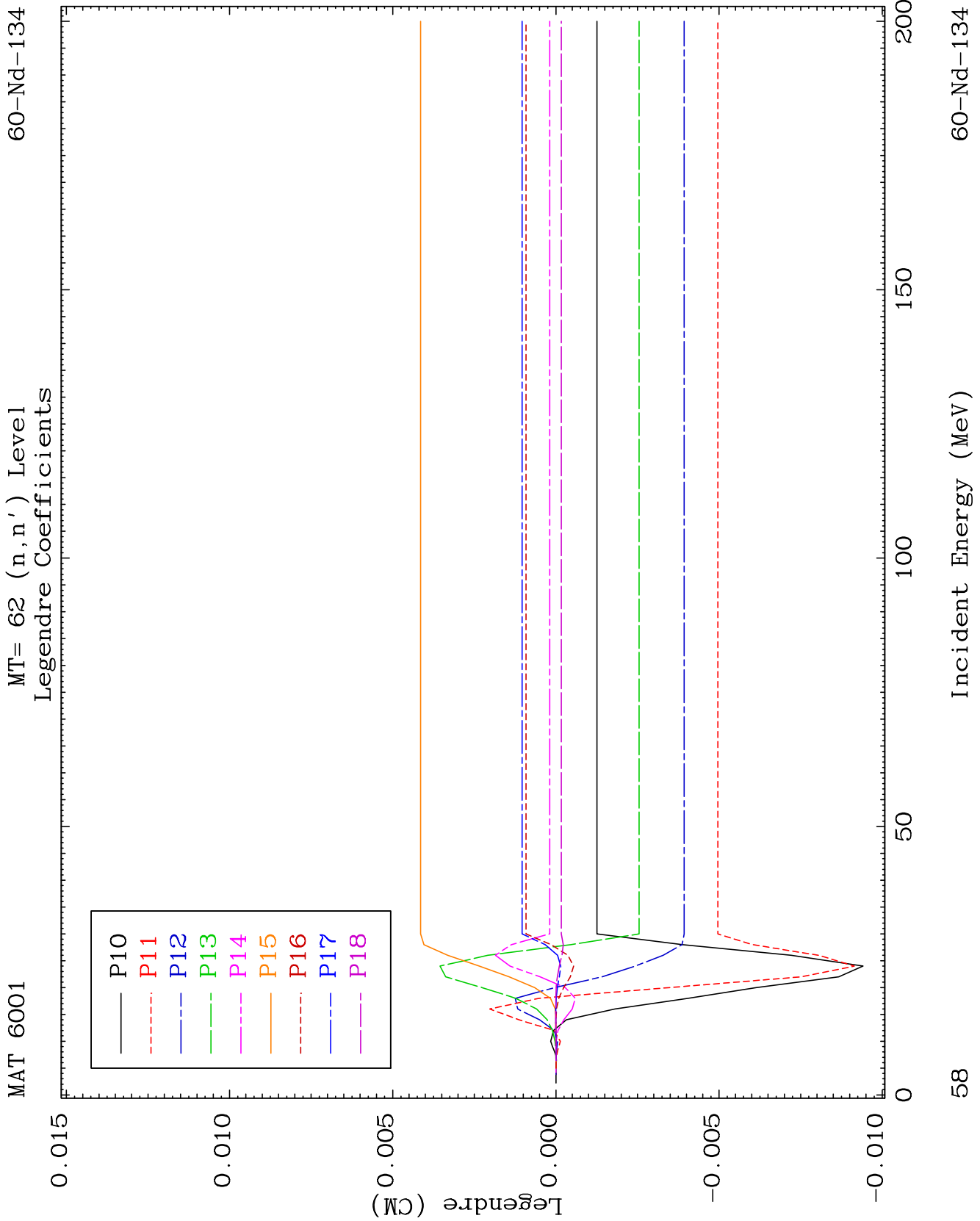


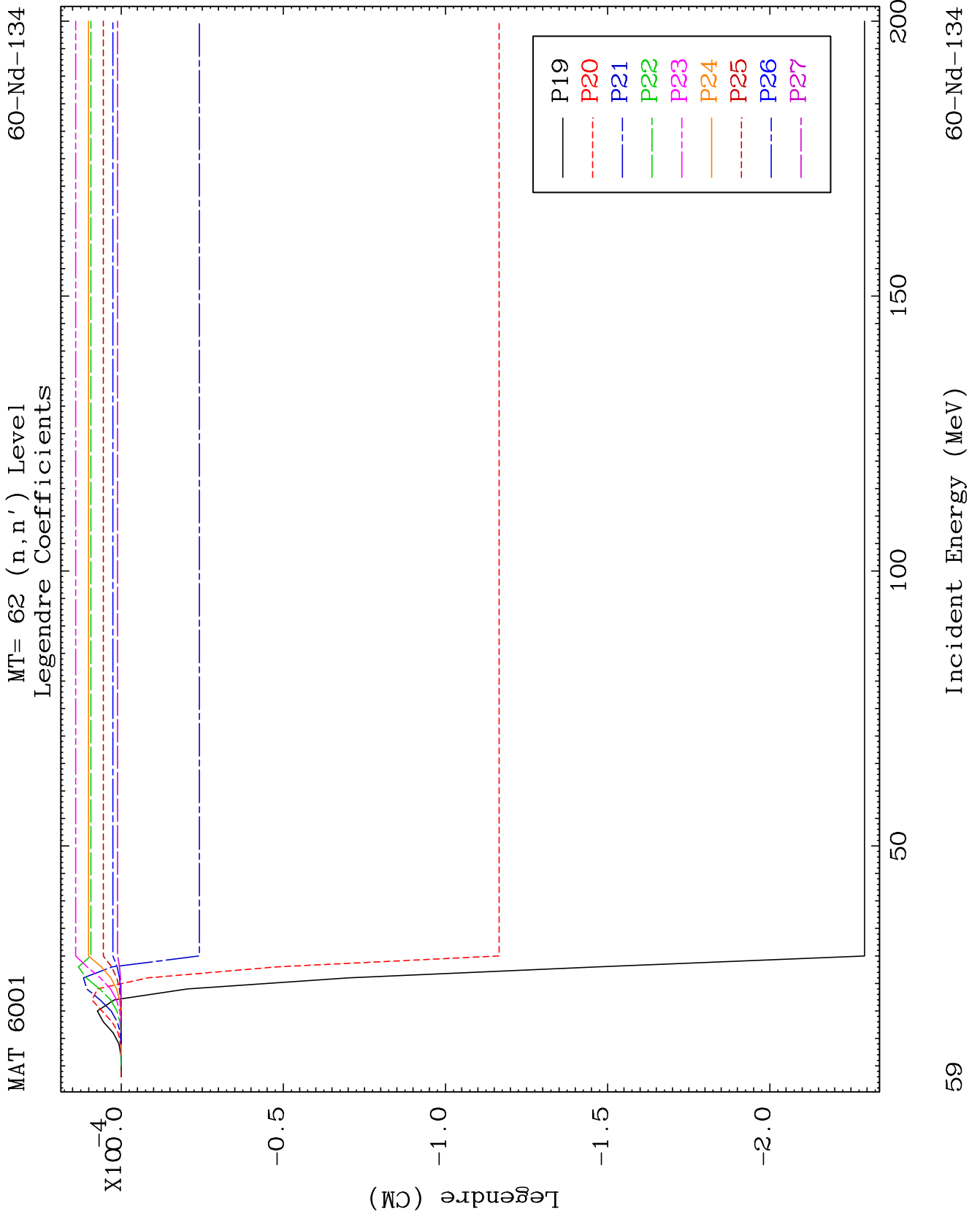
60-Nd-134

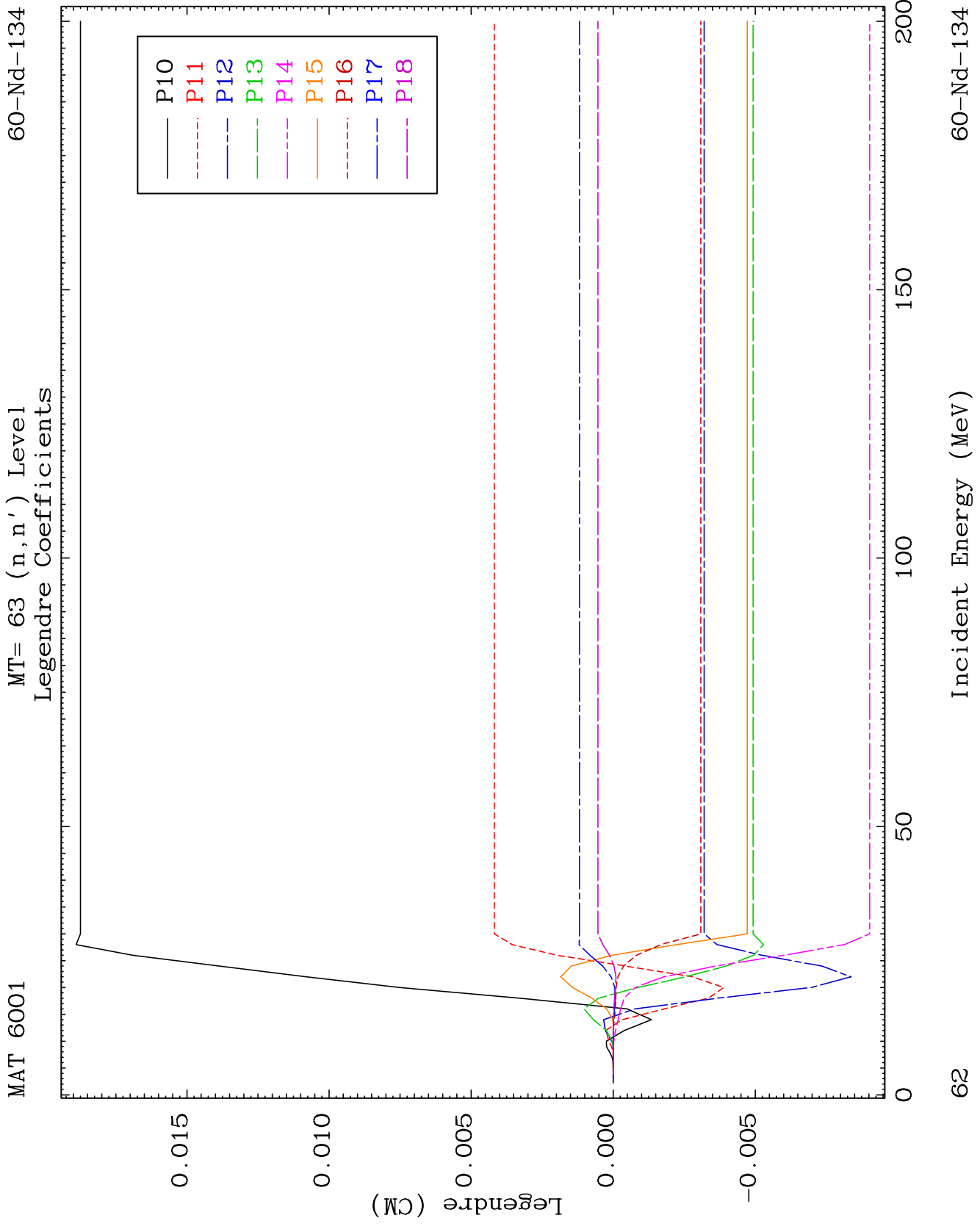
Incident Energy (MeV)

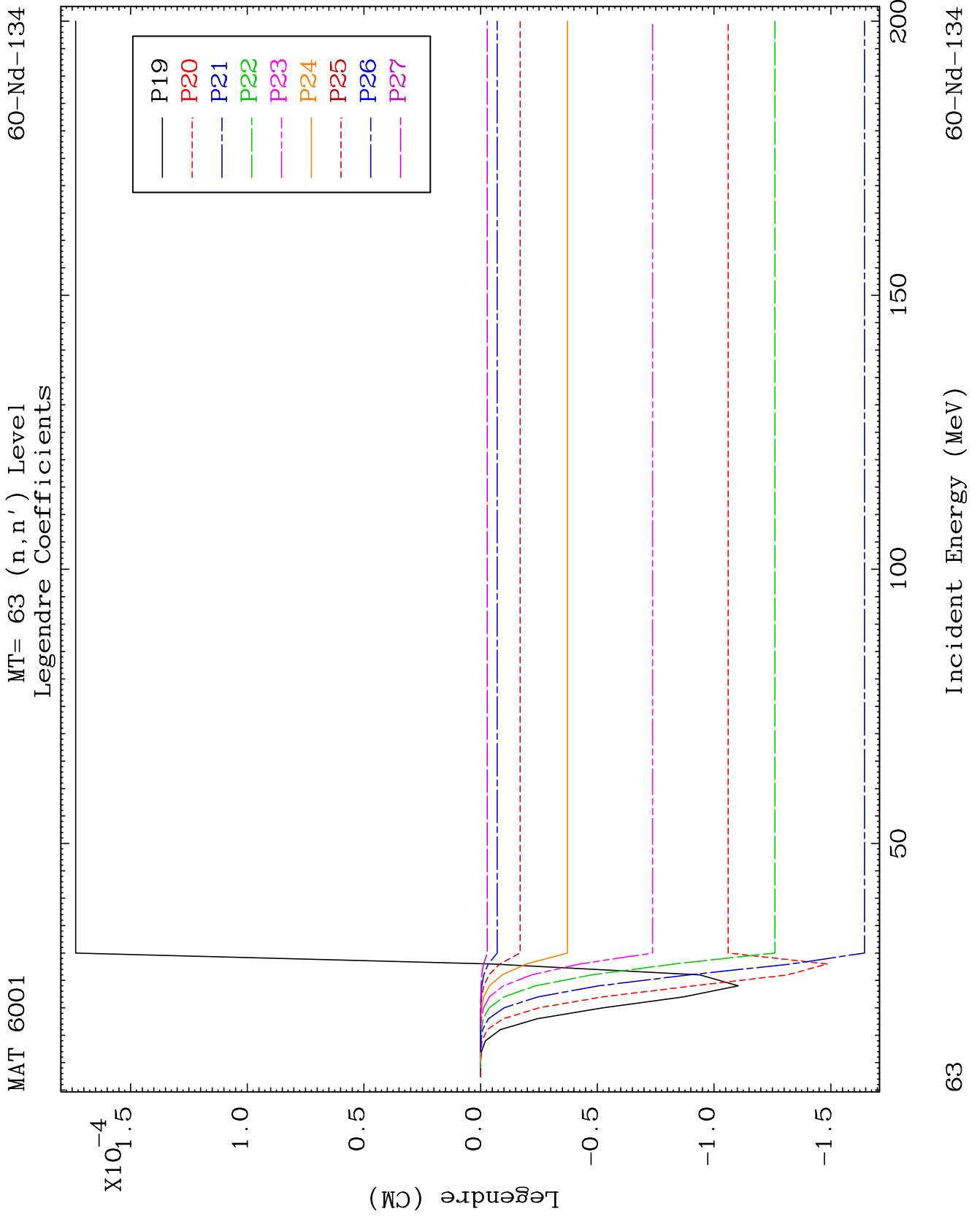
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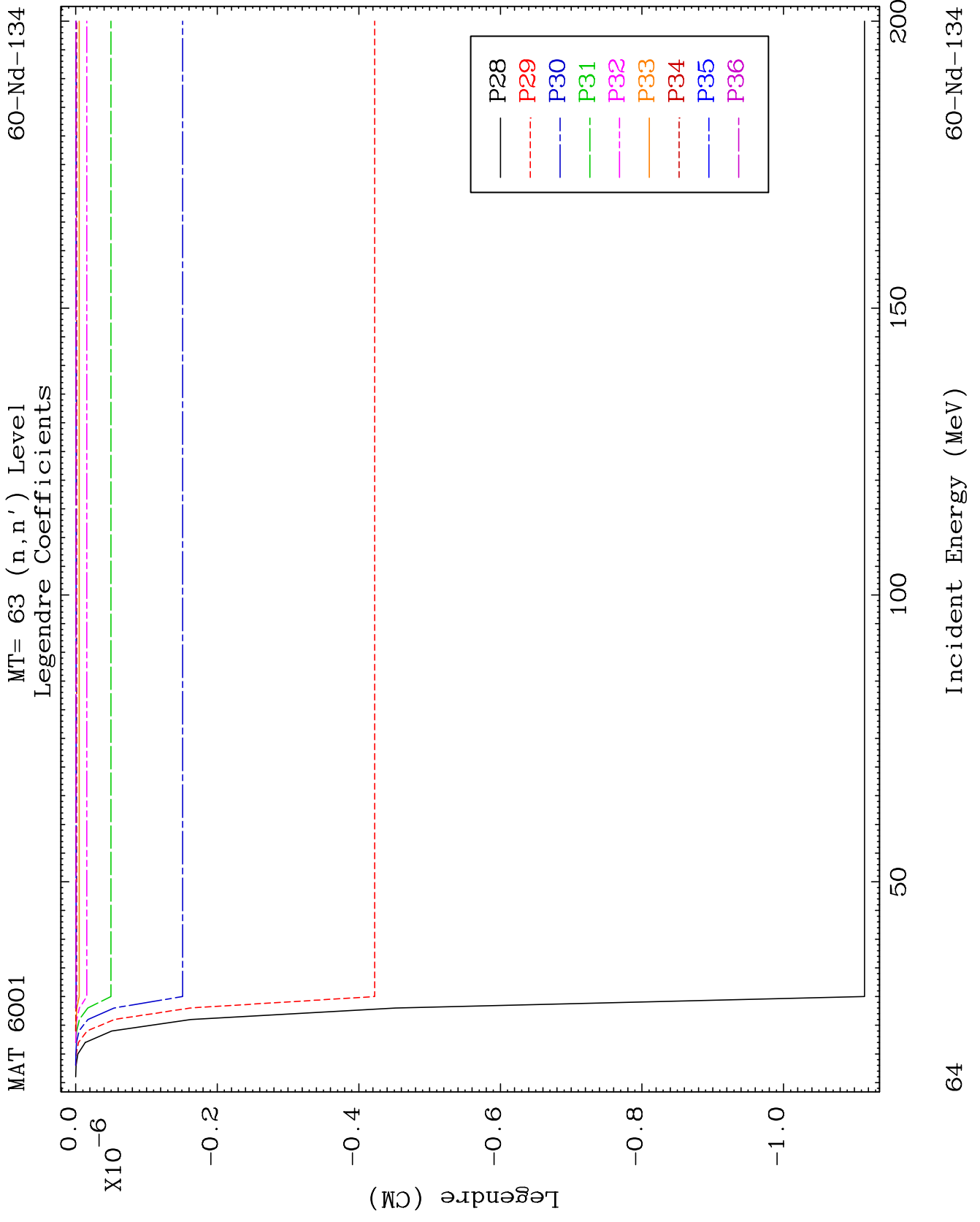


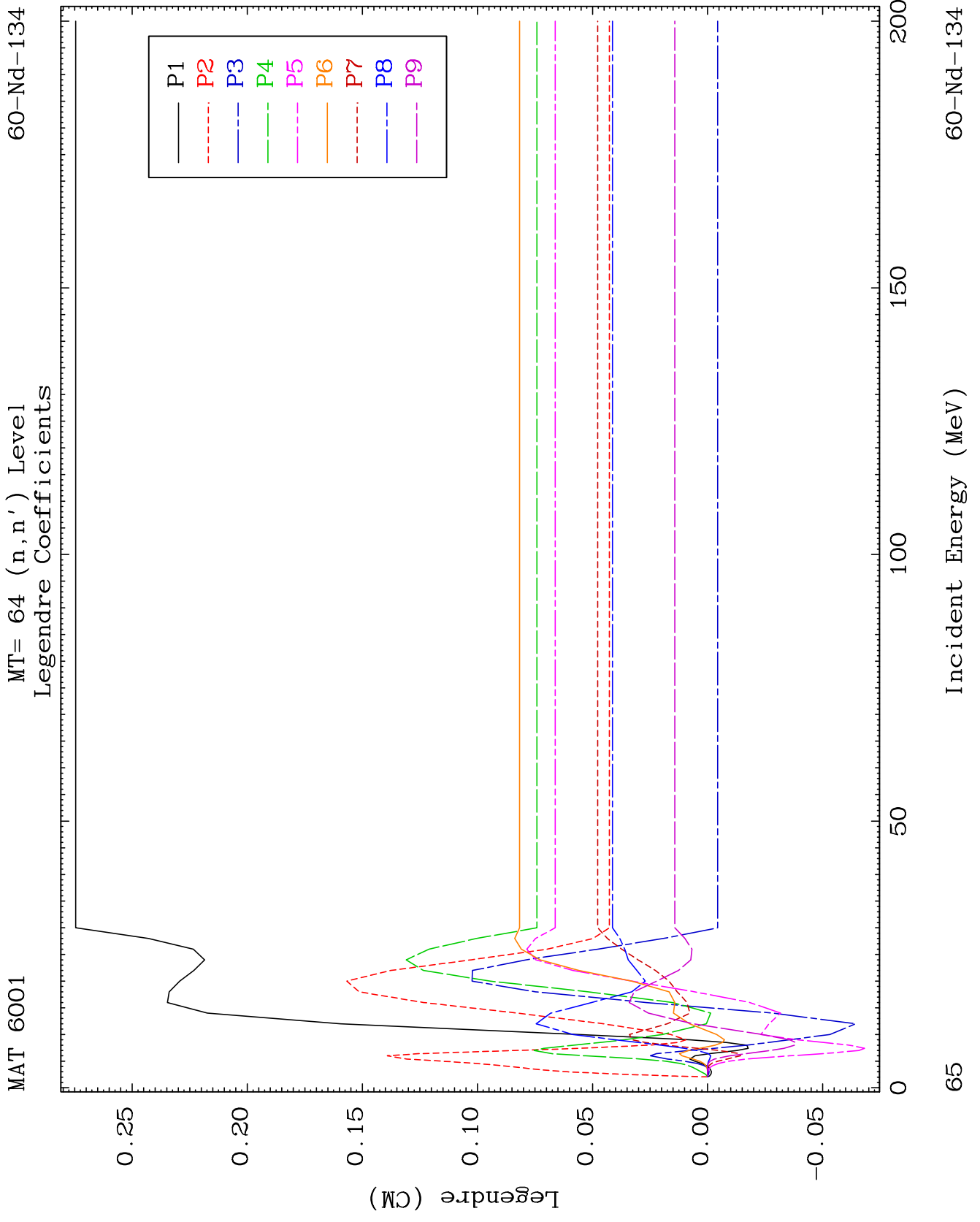


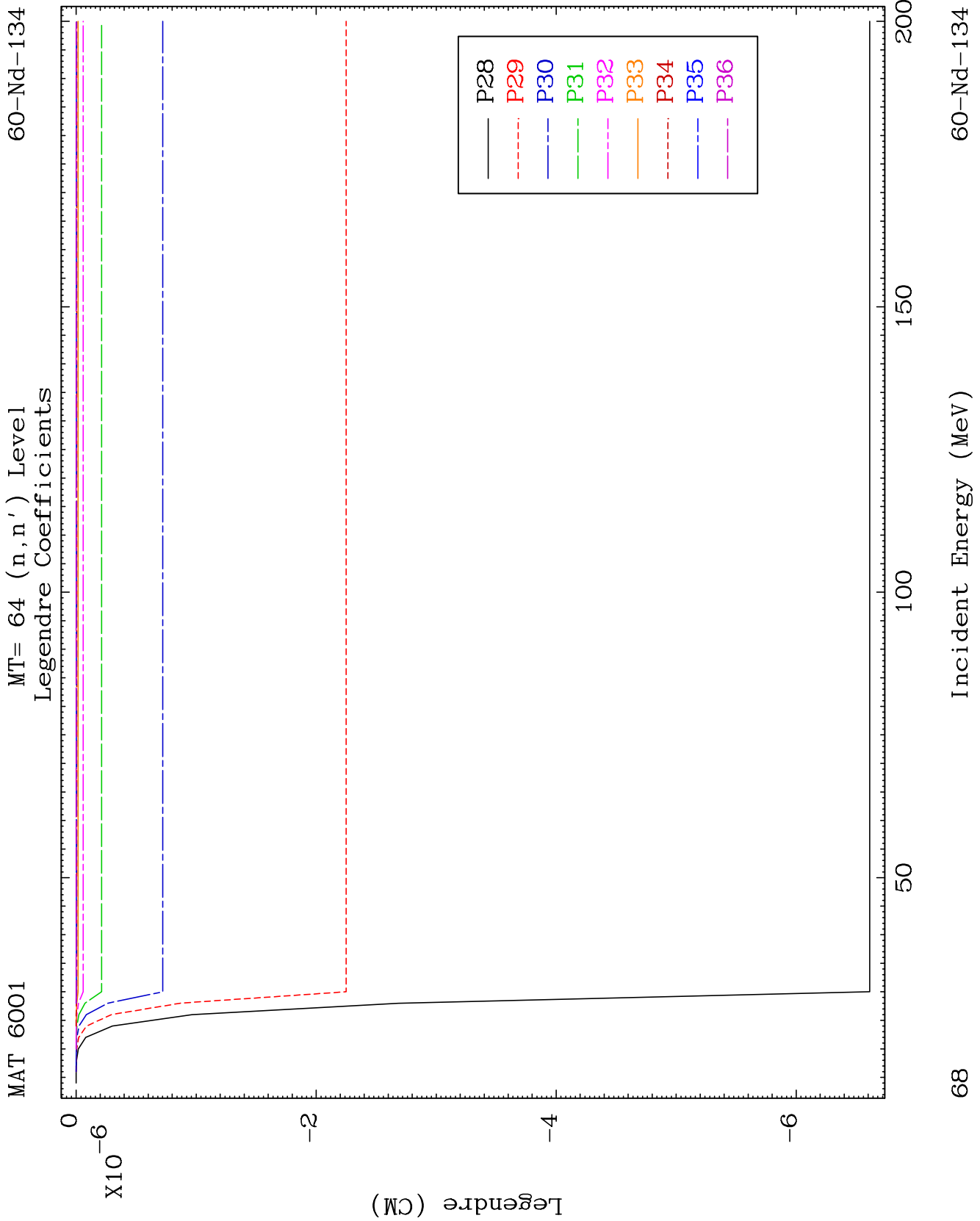








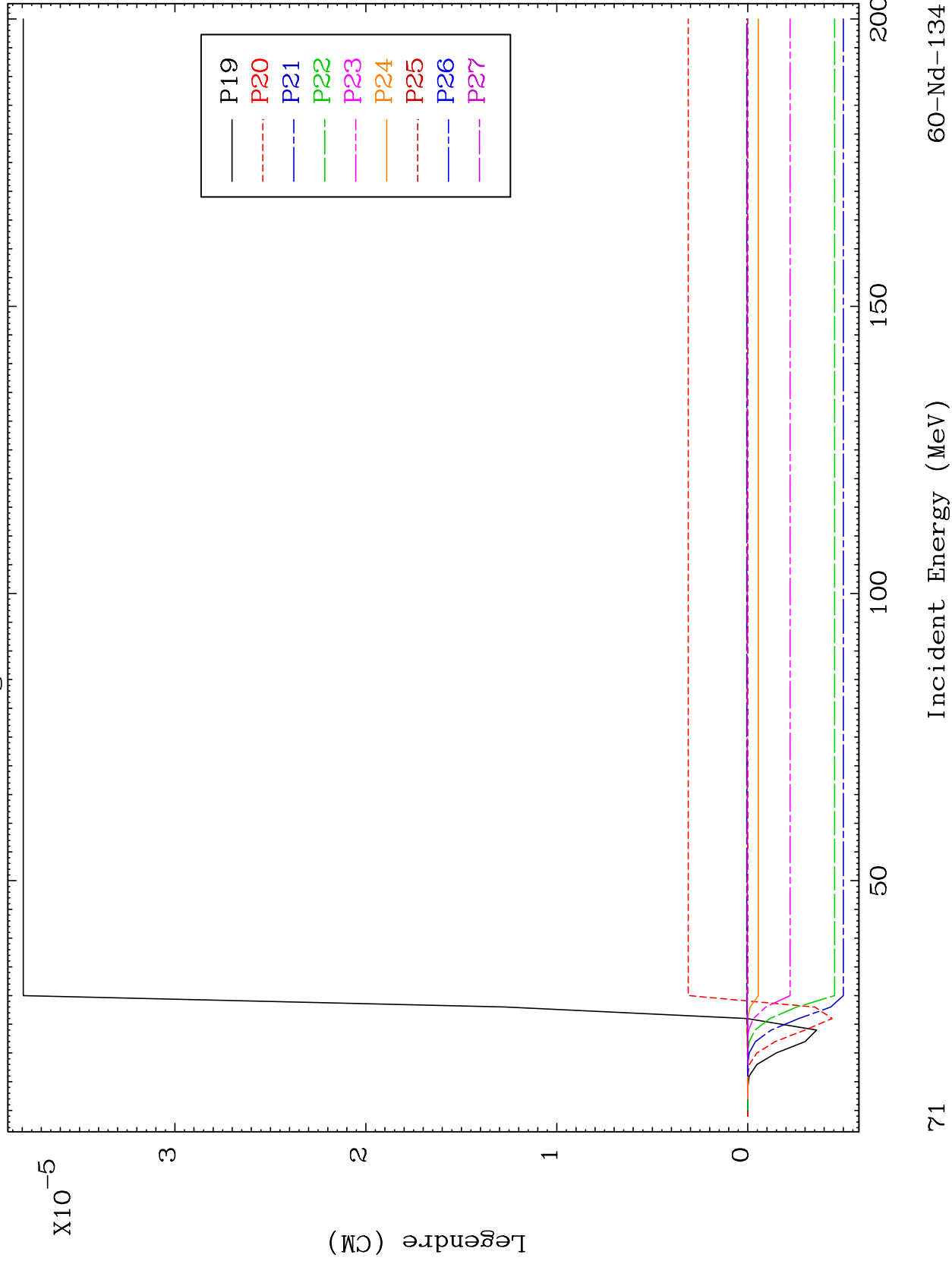


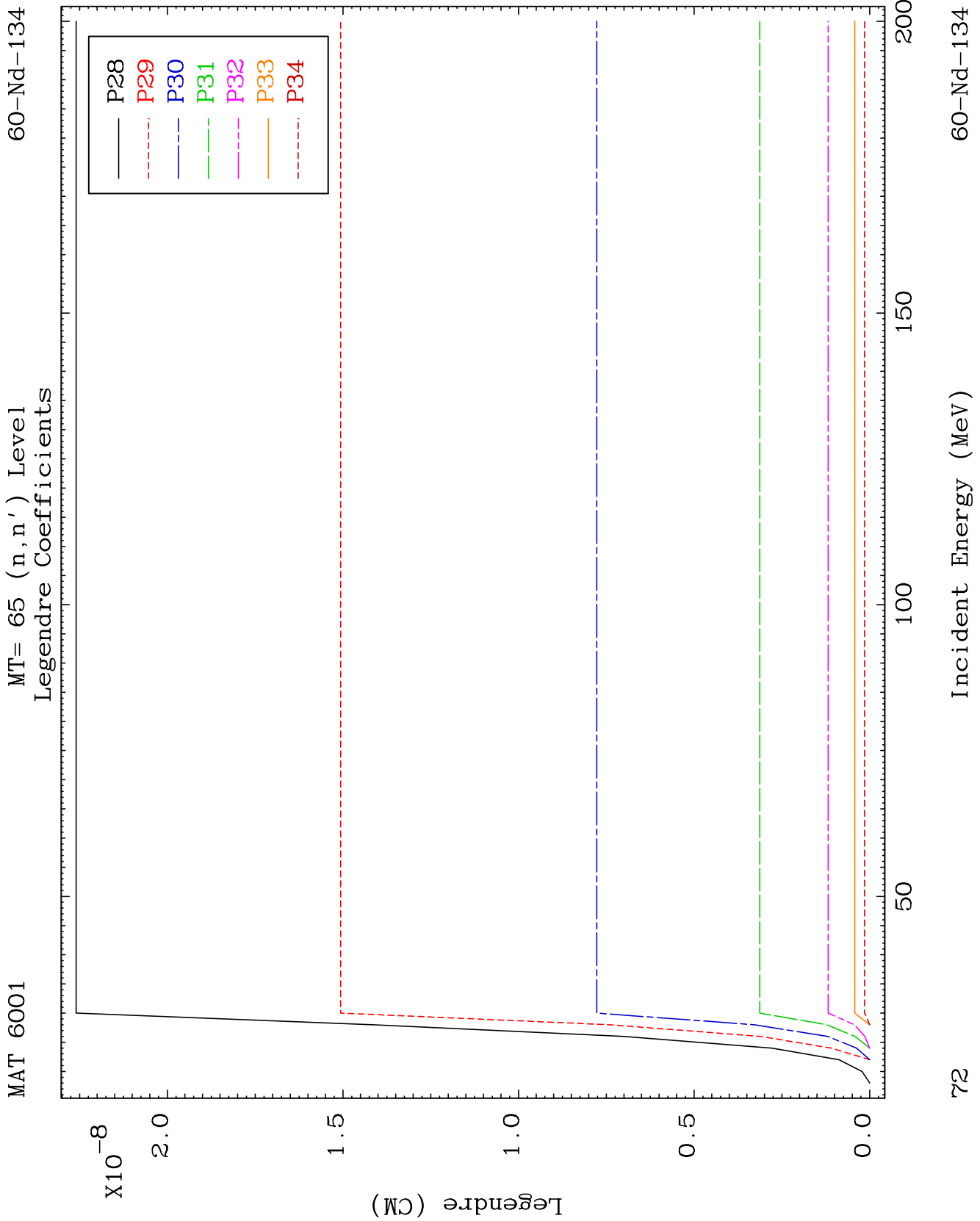


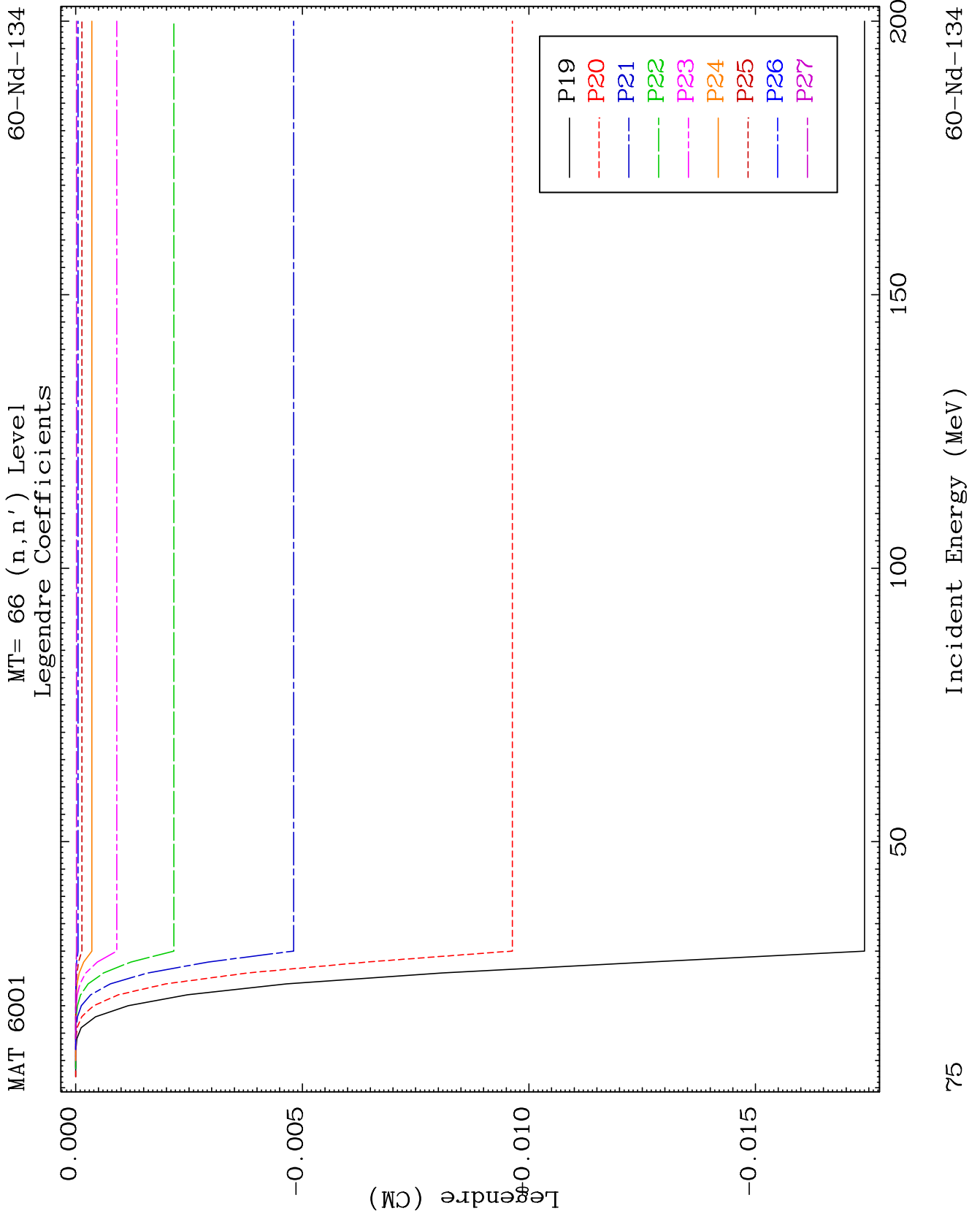
MAT 6001

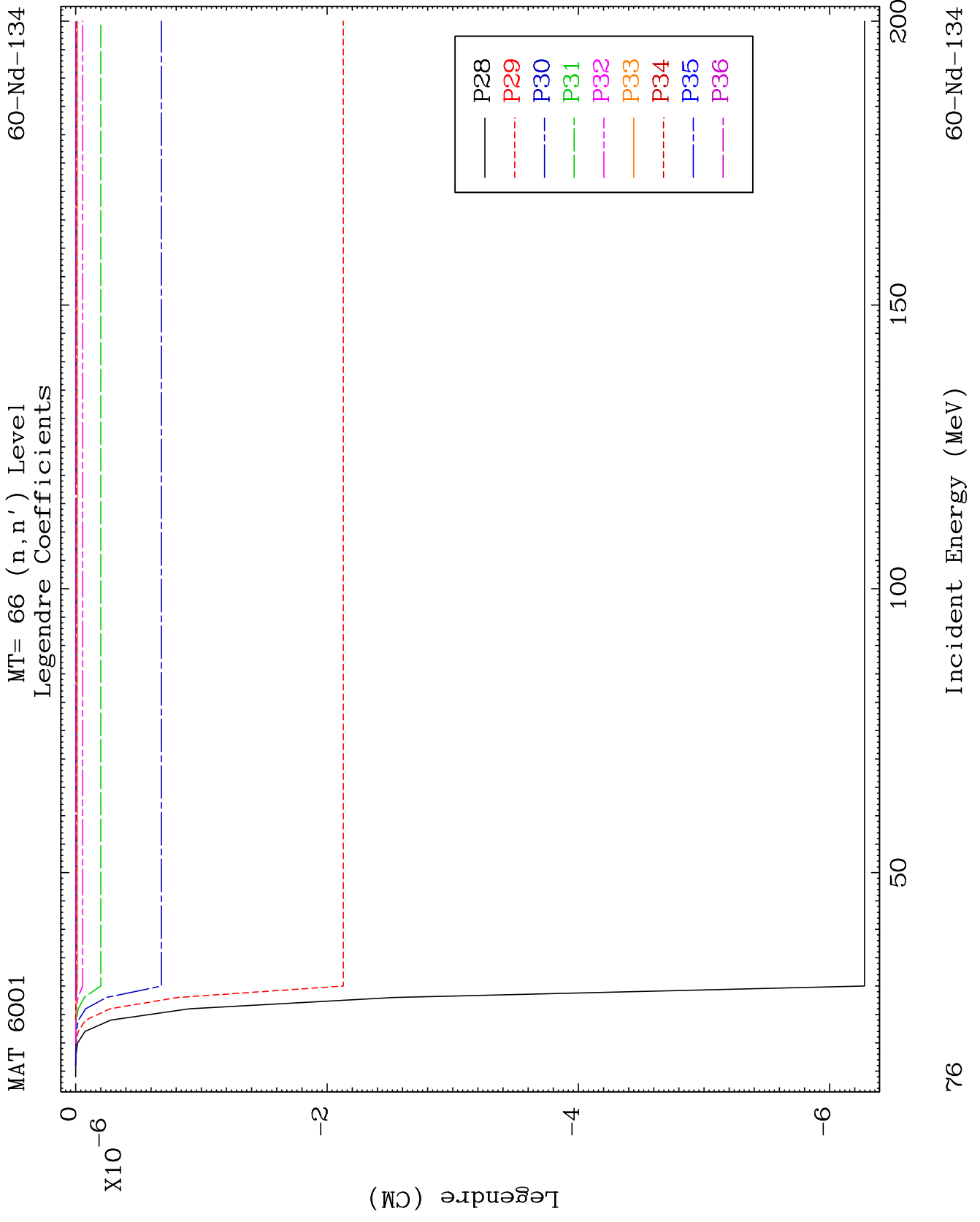
MT= 65 (n,n') Level
Legendre Coefficients

60-Nd-134







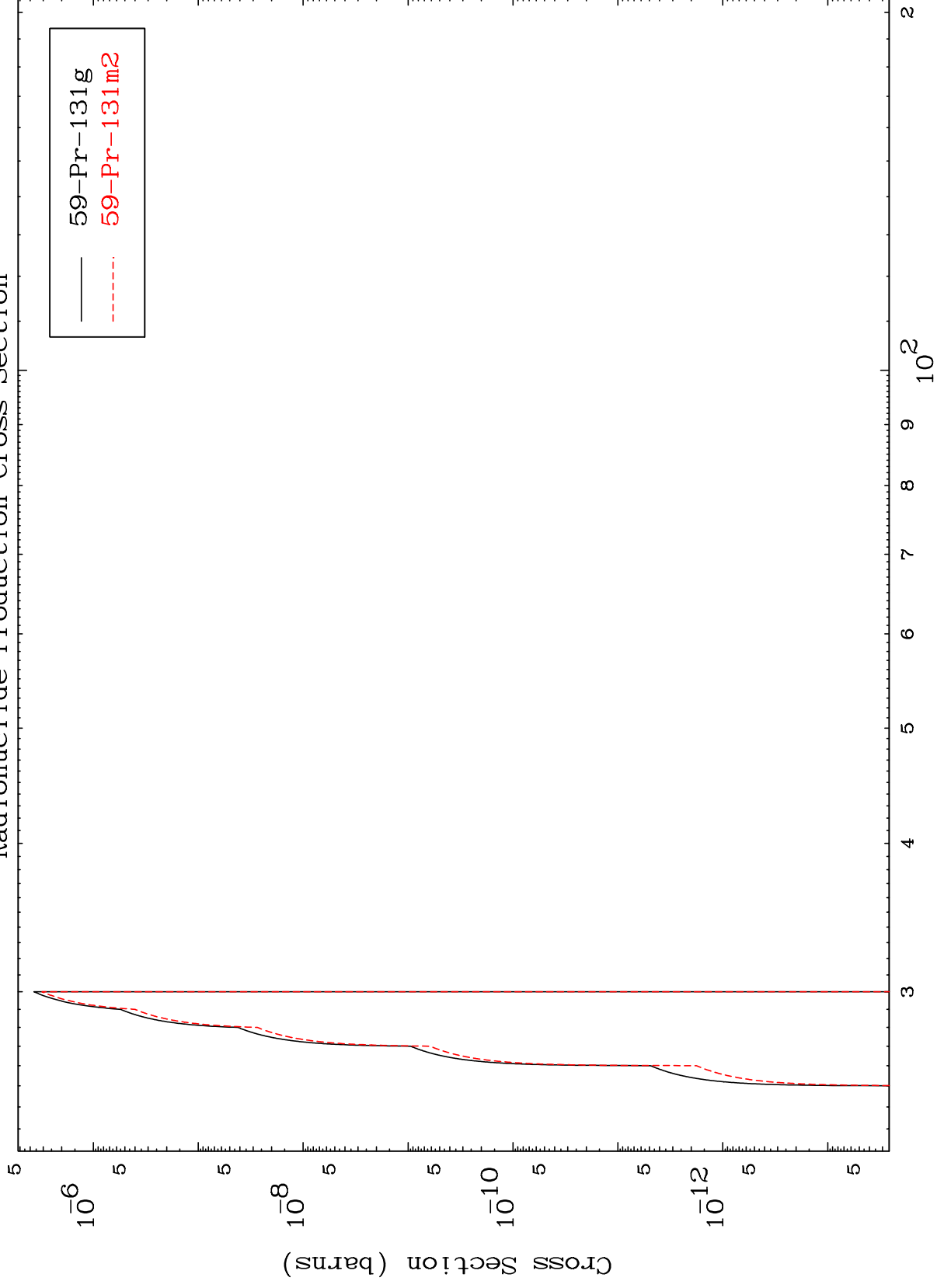


MAT 6001

(n,2n) d

60-Nd-134

Radionuclide Production Cross Section



77

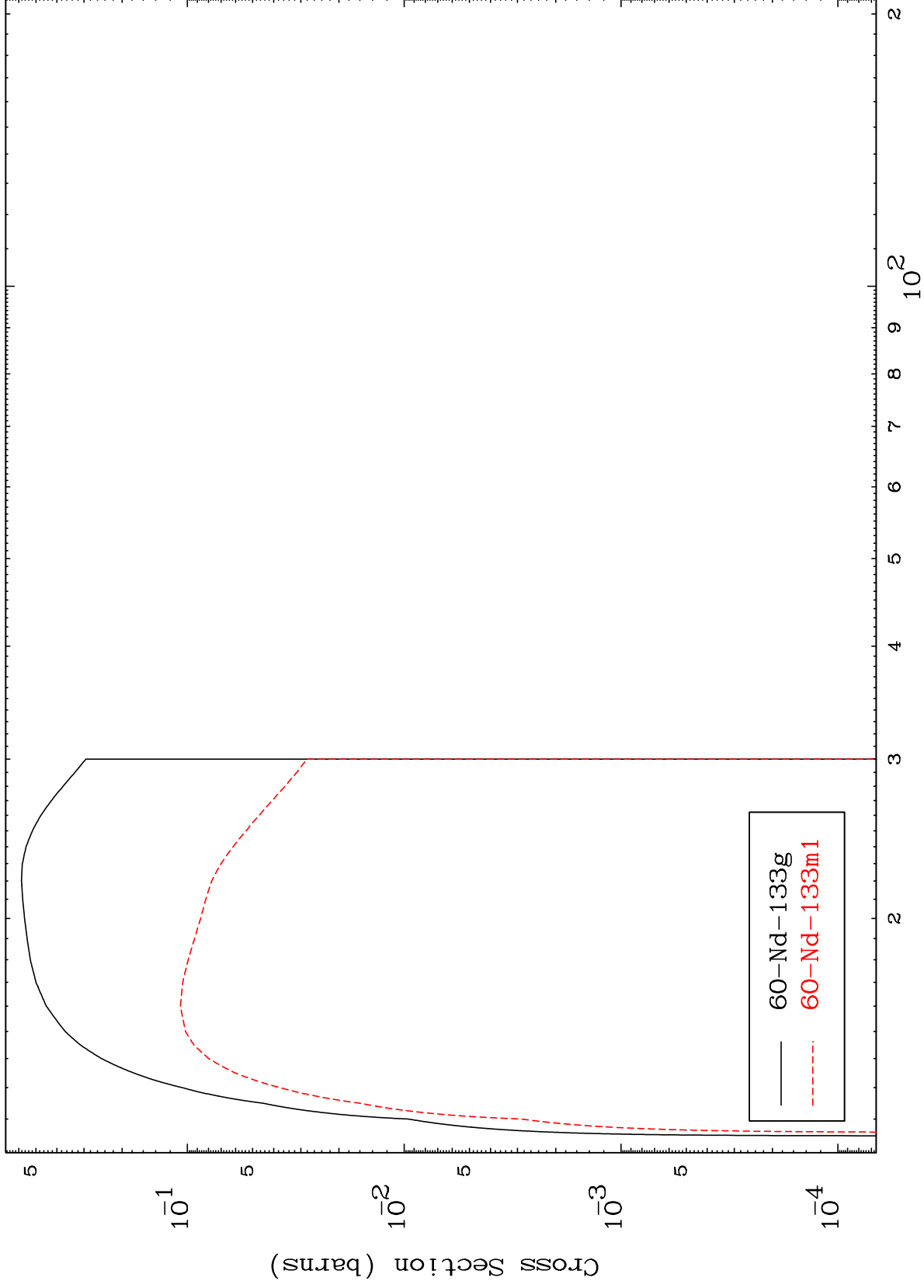
Incident Energy (MeV)

60-Nd-134

MAT 6001

60-Nd-134

(n,2n)
Radionuclide Production Cross Section



78

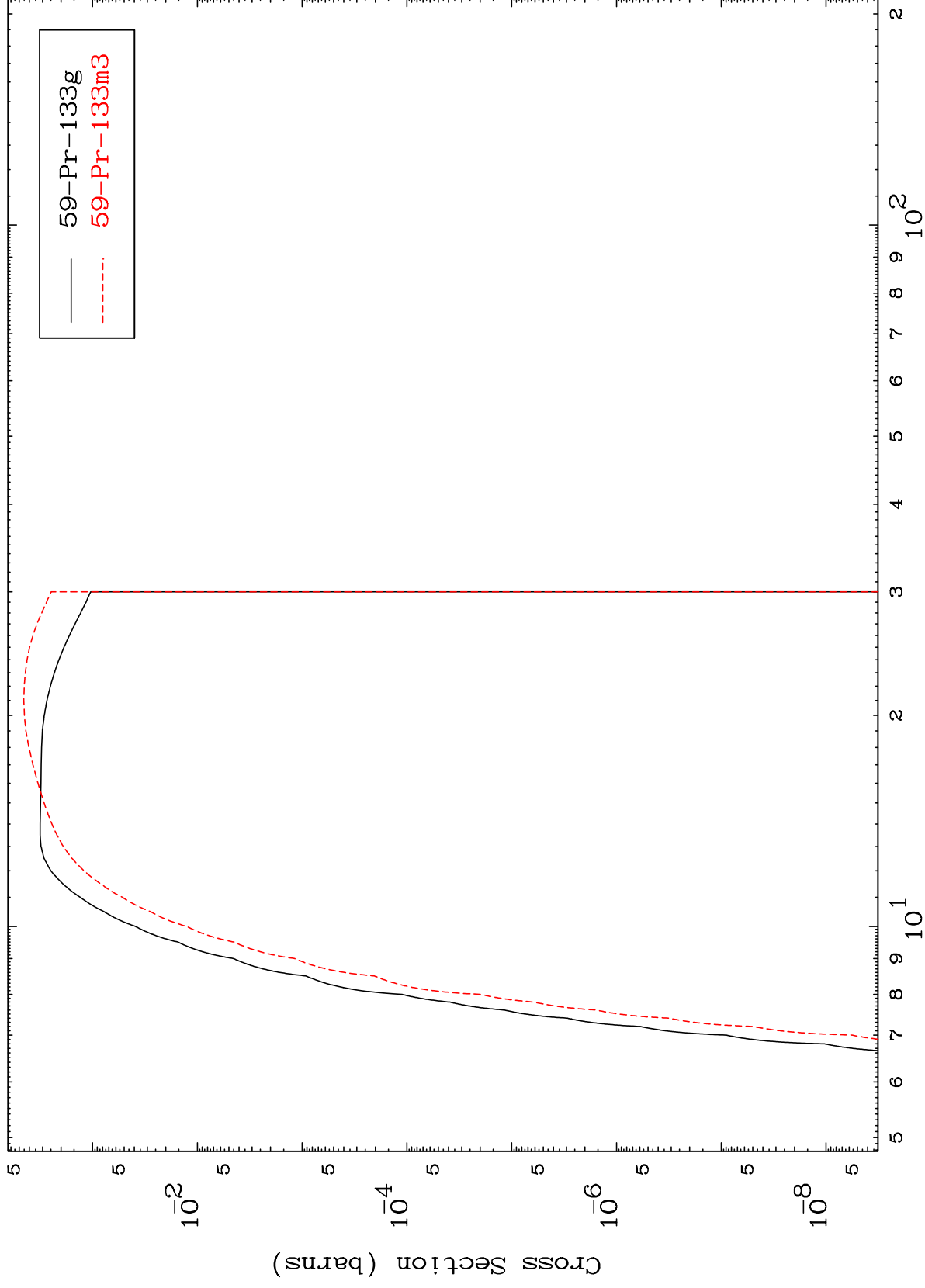
Incident Energy (MeV)

60-Nd-134

MAT 6001

60-Nd-134

(n, n') p
Radionuclide Production Cross Section



79

Incident Energy (MeV)

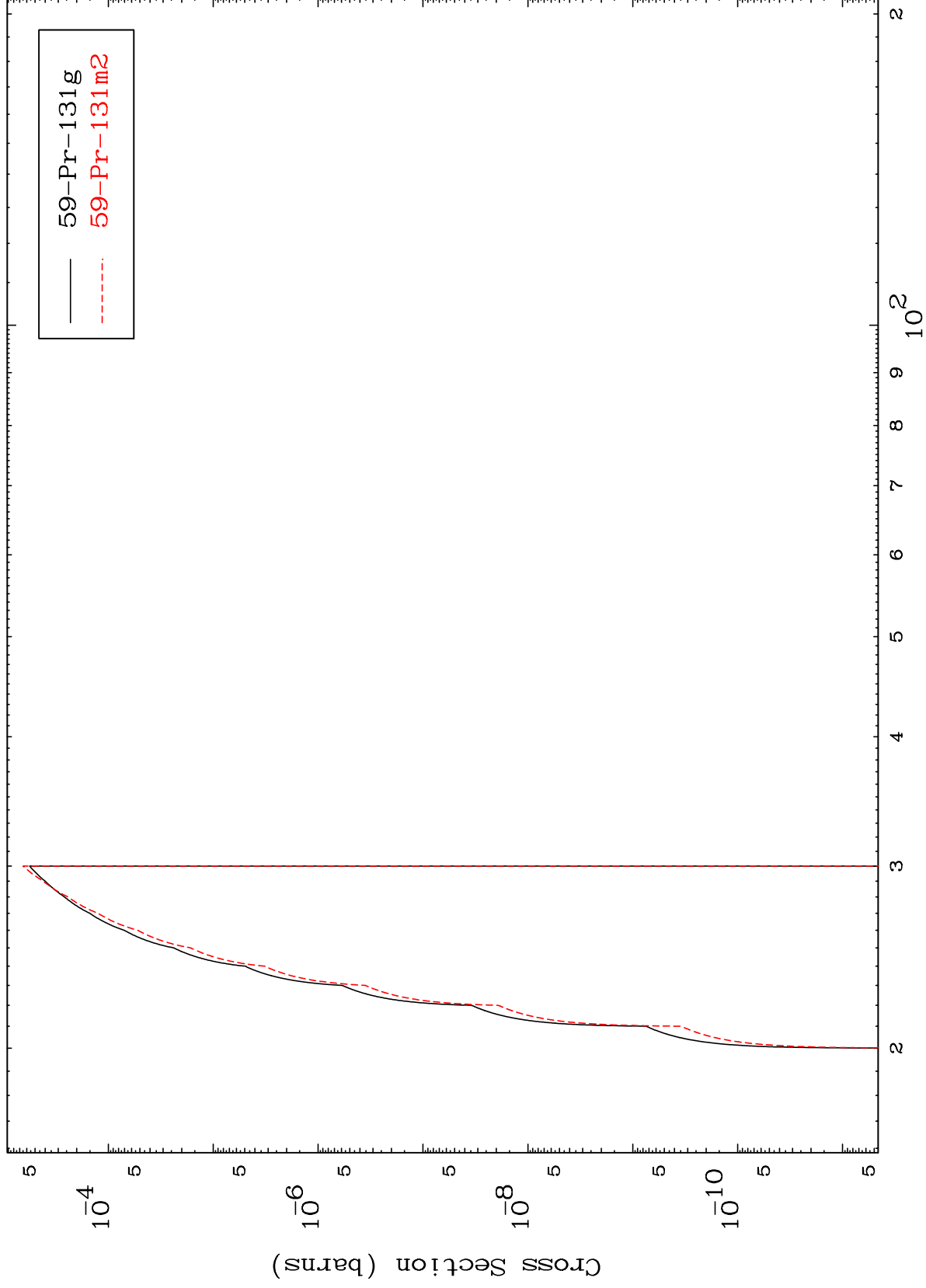
60-Nd-134

MAT 6001

(n,n') t

60-Nd-134

Radionuclide Production Cross Section



80

Incident Energy (MeV)

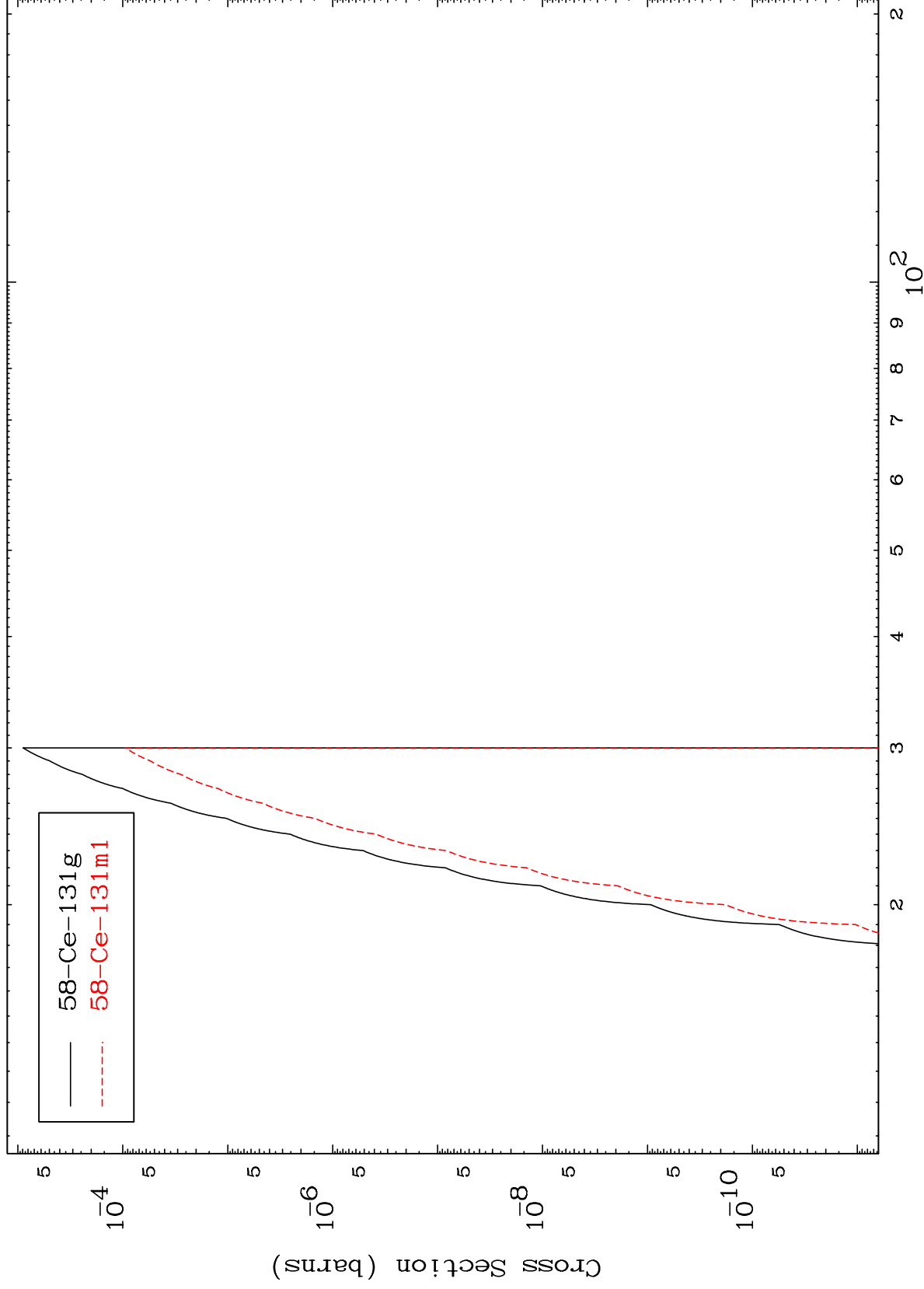
60-Nd-134

MAT 6001

(n,n') He-3

60-Nd-134

Radionuclide Production Cross Section



81

Incident Energy (MeV)

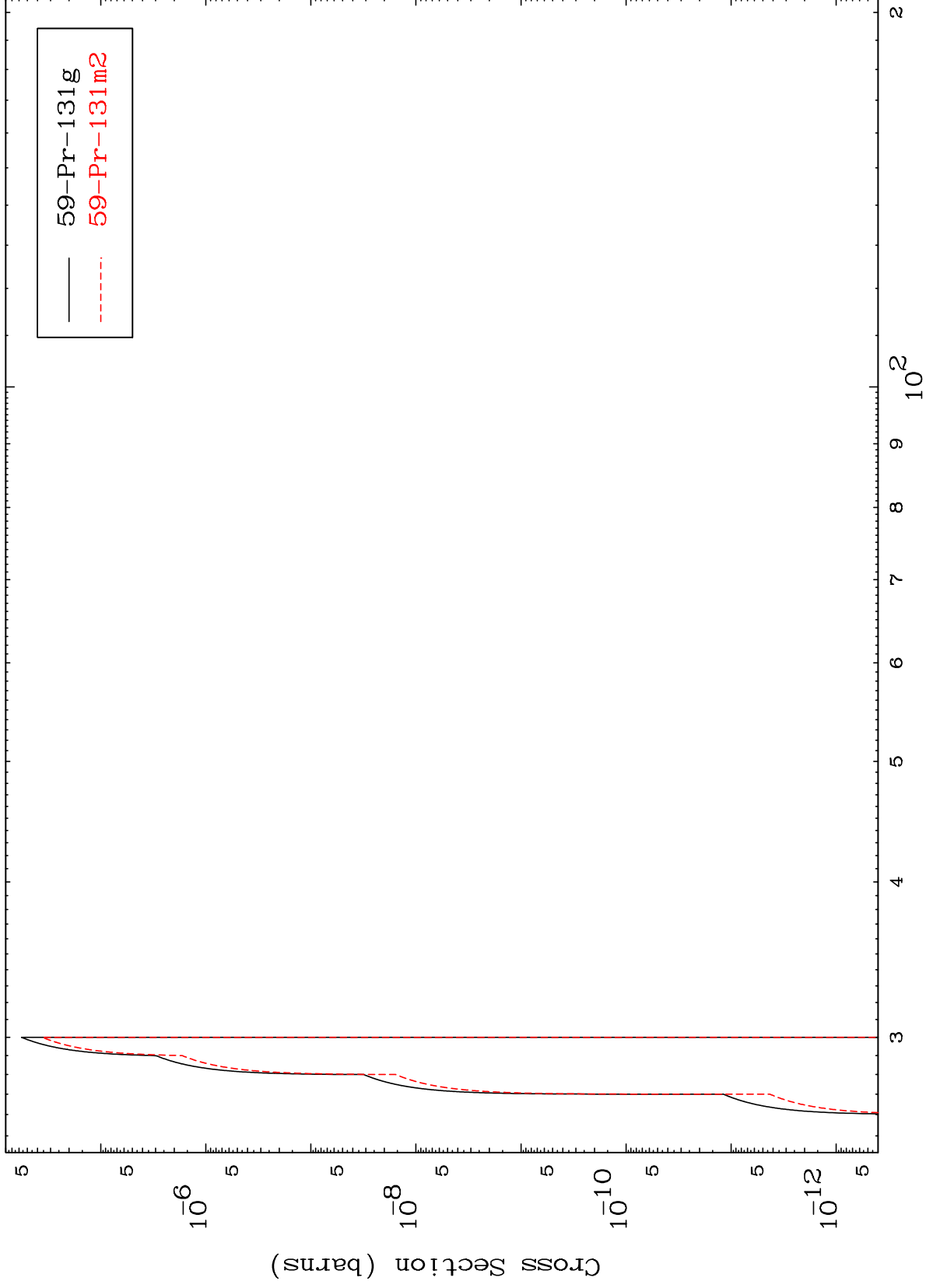
60-Nd-134

MAT 6001

(n,3n) p

60-Nd-134

Radionuclide Production Cross Section



82

Incident Energy (MeV)

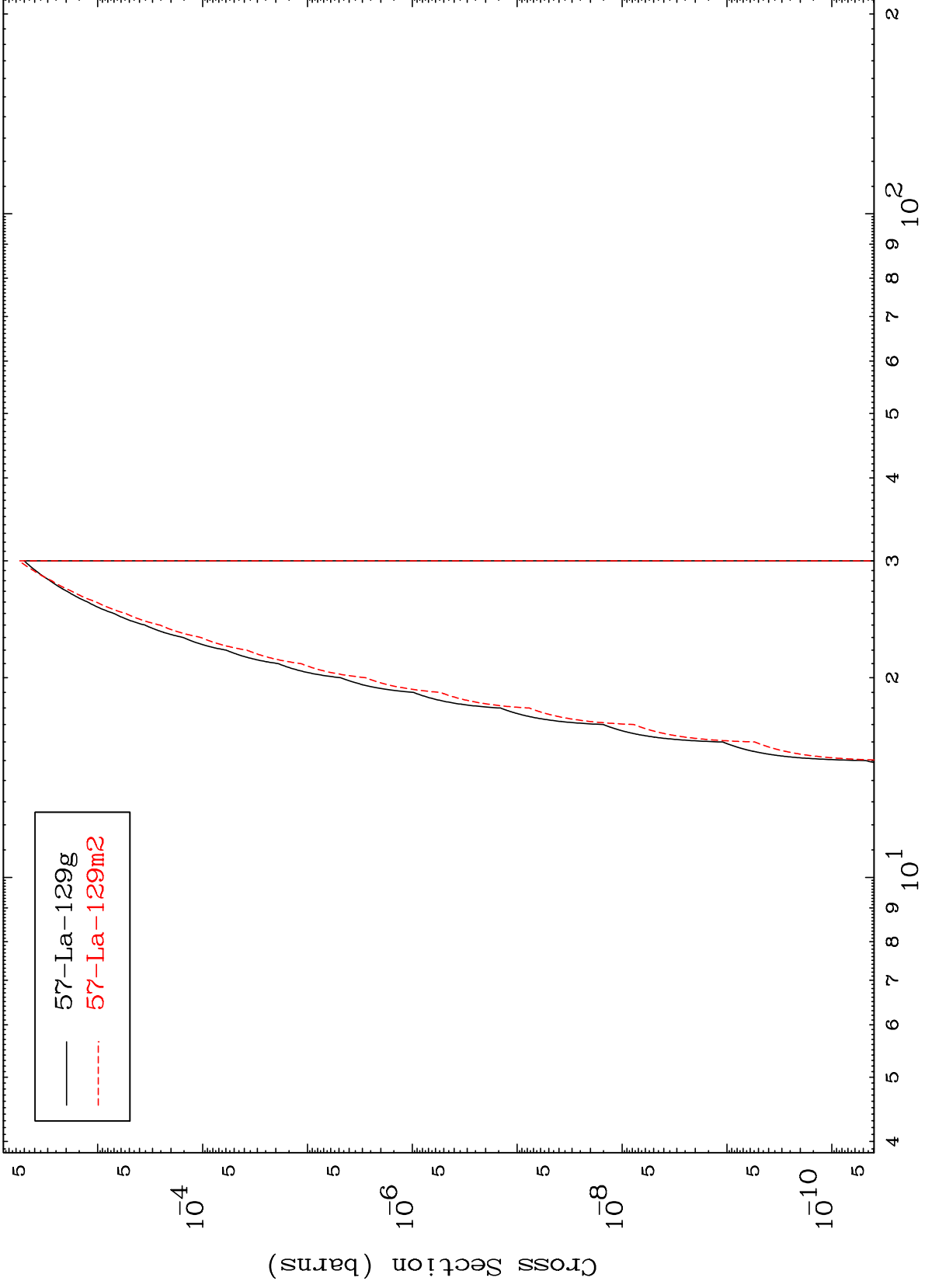
60-Nd-134

MAT 6001

(n,n') p α

60-Nd-134

Radionuclide Production Cross Section



83

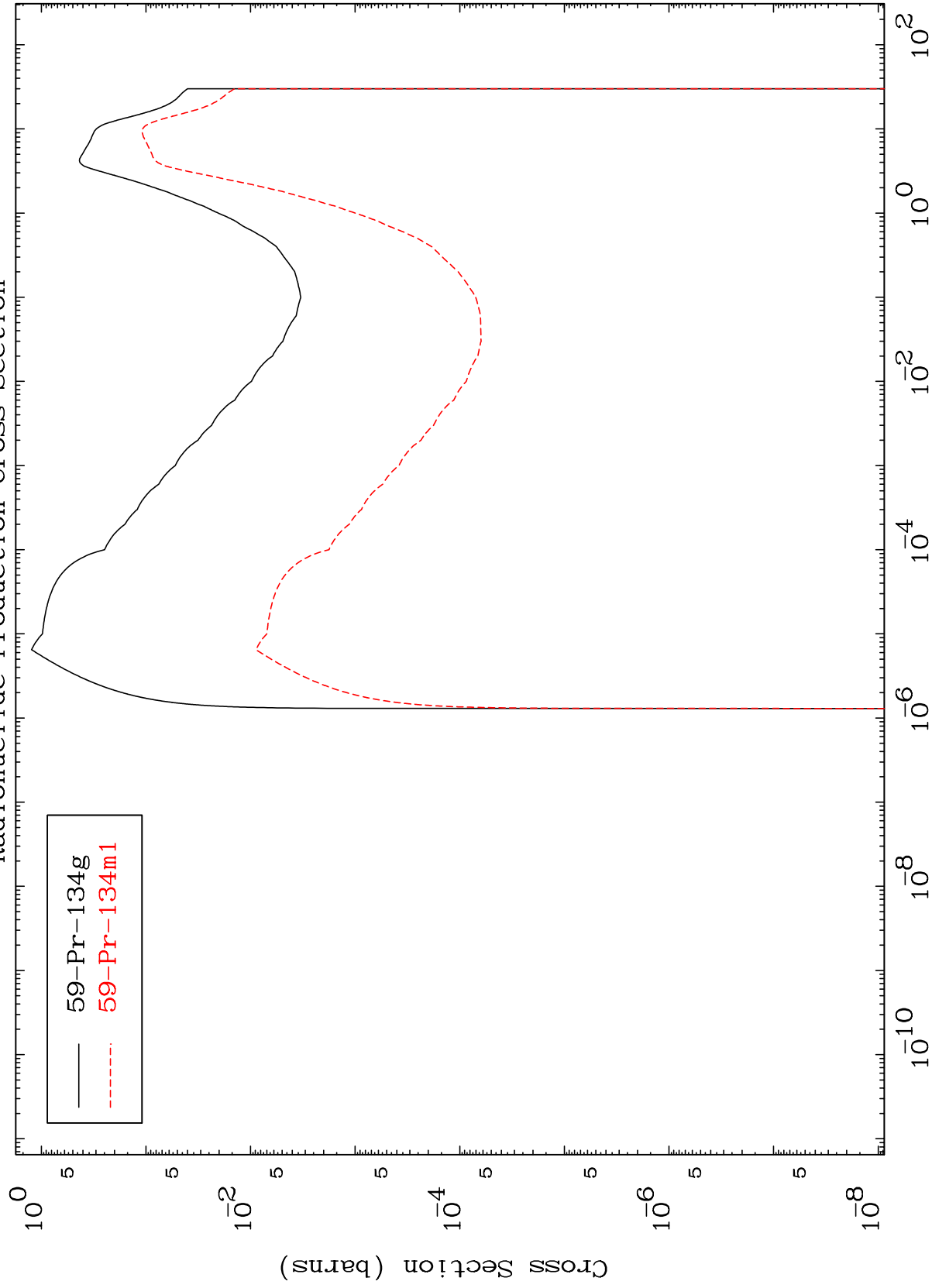
Incident Energy (MeV)

60-Nd-134

MAT 6001

60-Nd-134

(n,p)
Radionuclide Production Cross Section



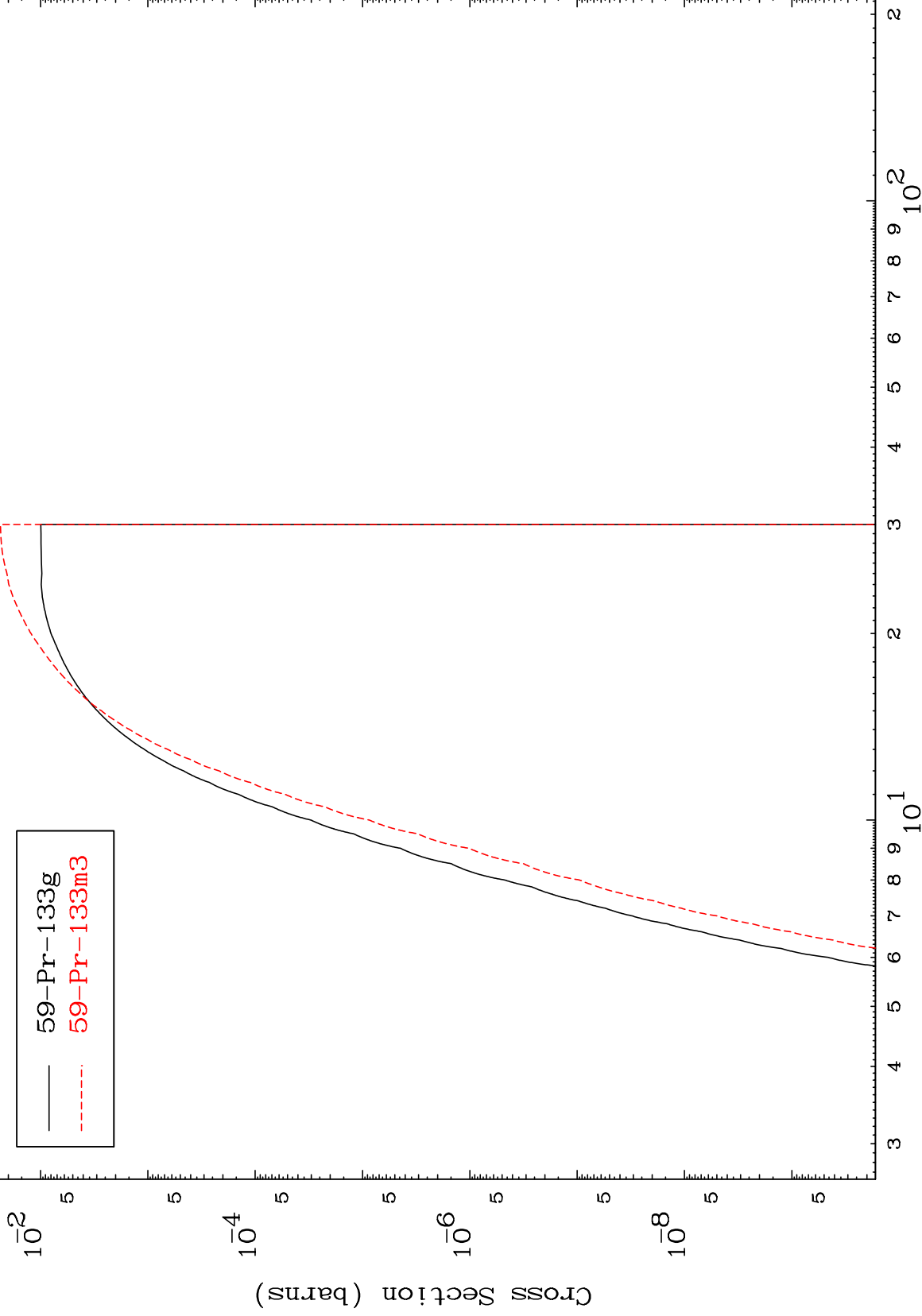
— 59-Pr-134g
- - - 59-Pr-134m1

MAT 6001

(n,d)

⁶⁰Nd-134

Radionuclide Production Cross Section



85

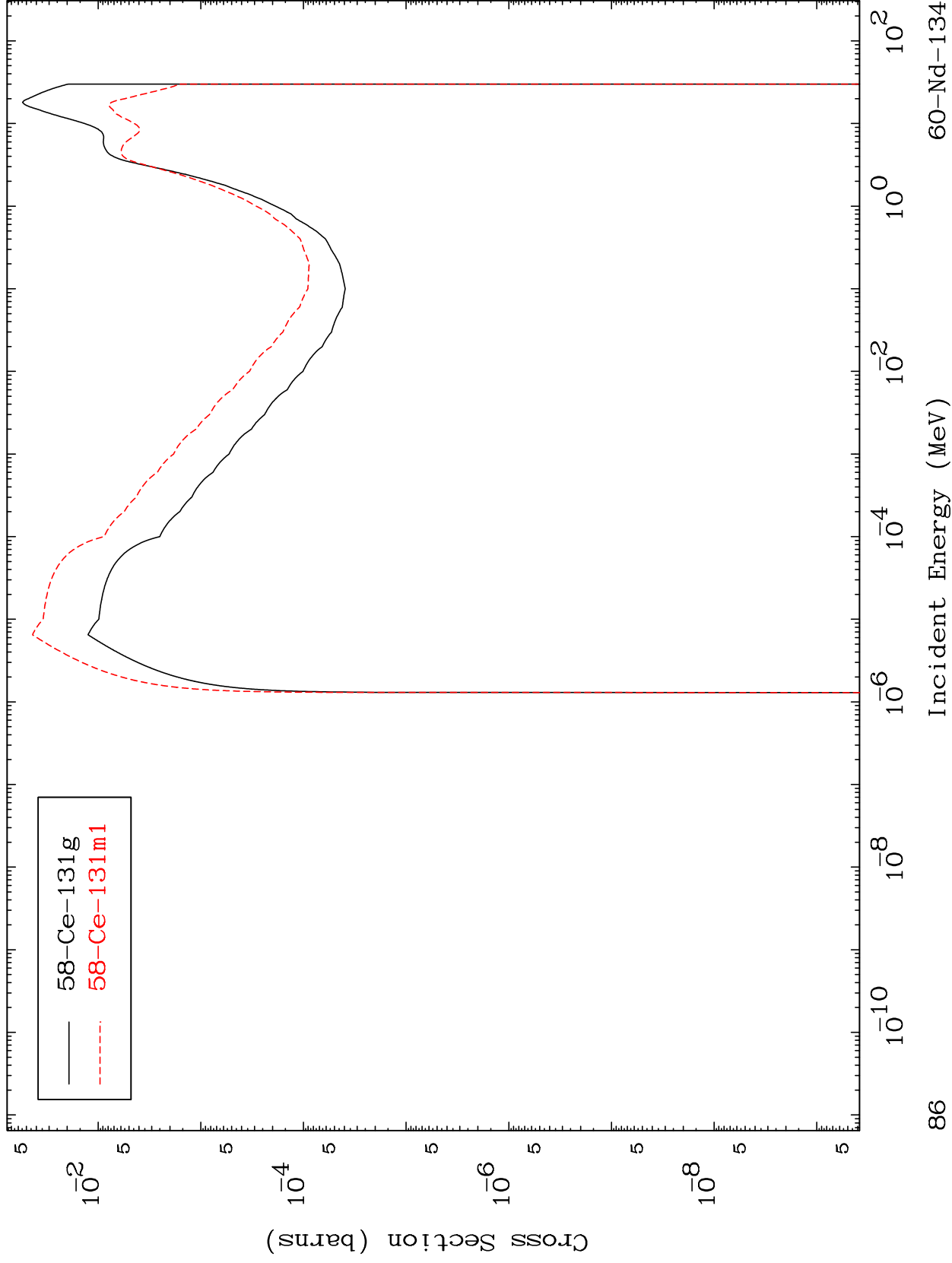
Incident Energy (MeV)

⁶⁰Nd-134

MAT 6001

60-Nd-134

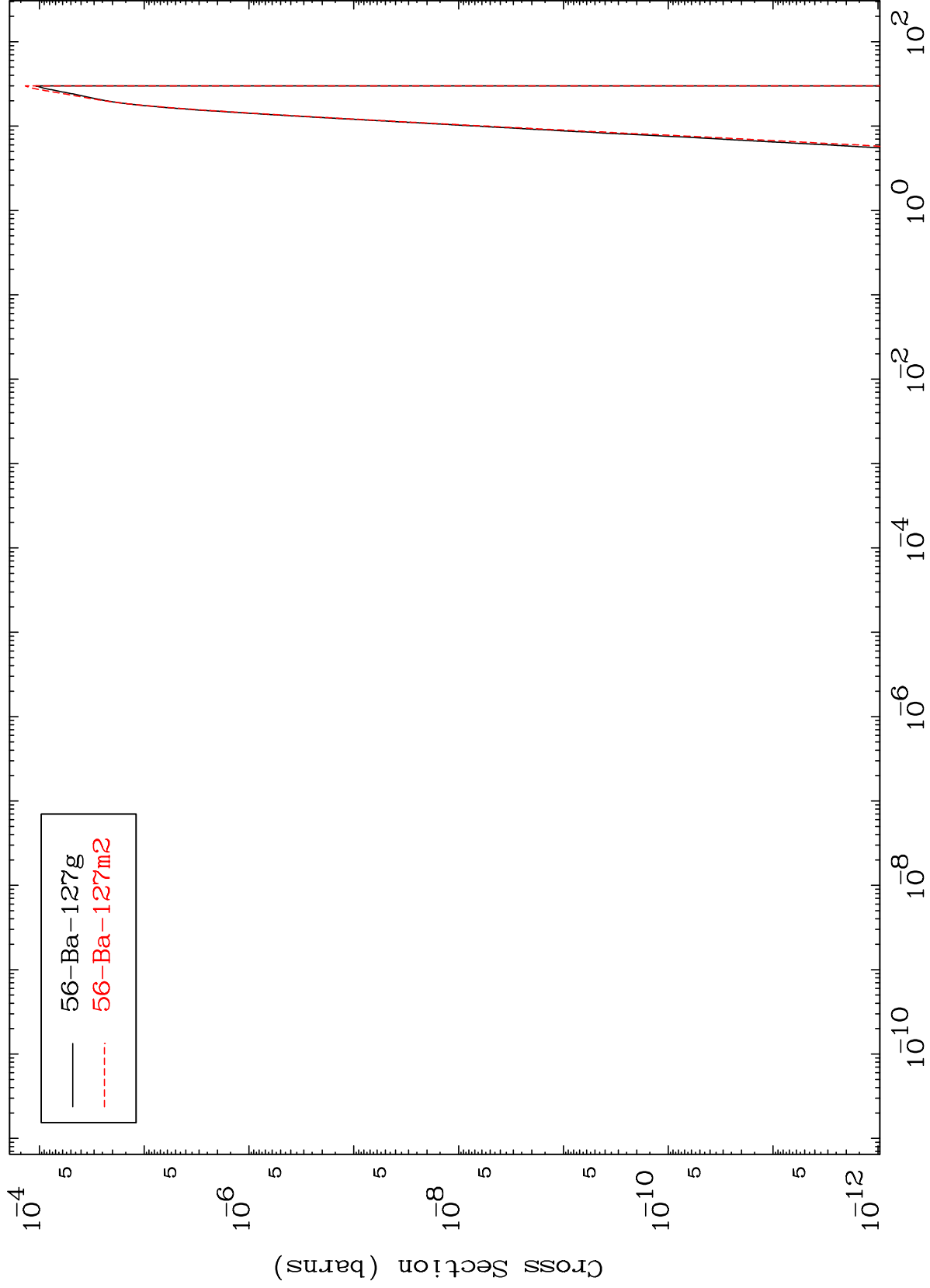
Radionuclide Production Cross Section
(n, α)



MAT 6001

60-Nd-134

Radionuclide Production Cross Section
(n,2α)



87

Incident Energy (MeV)

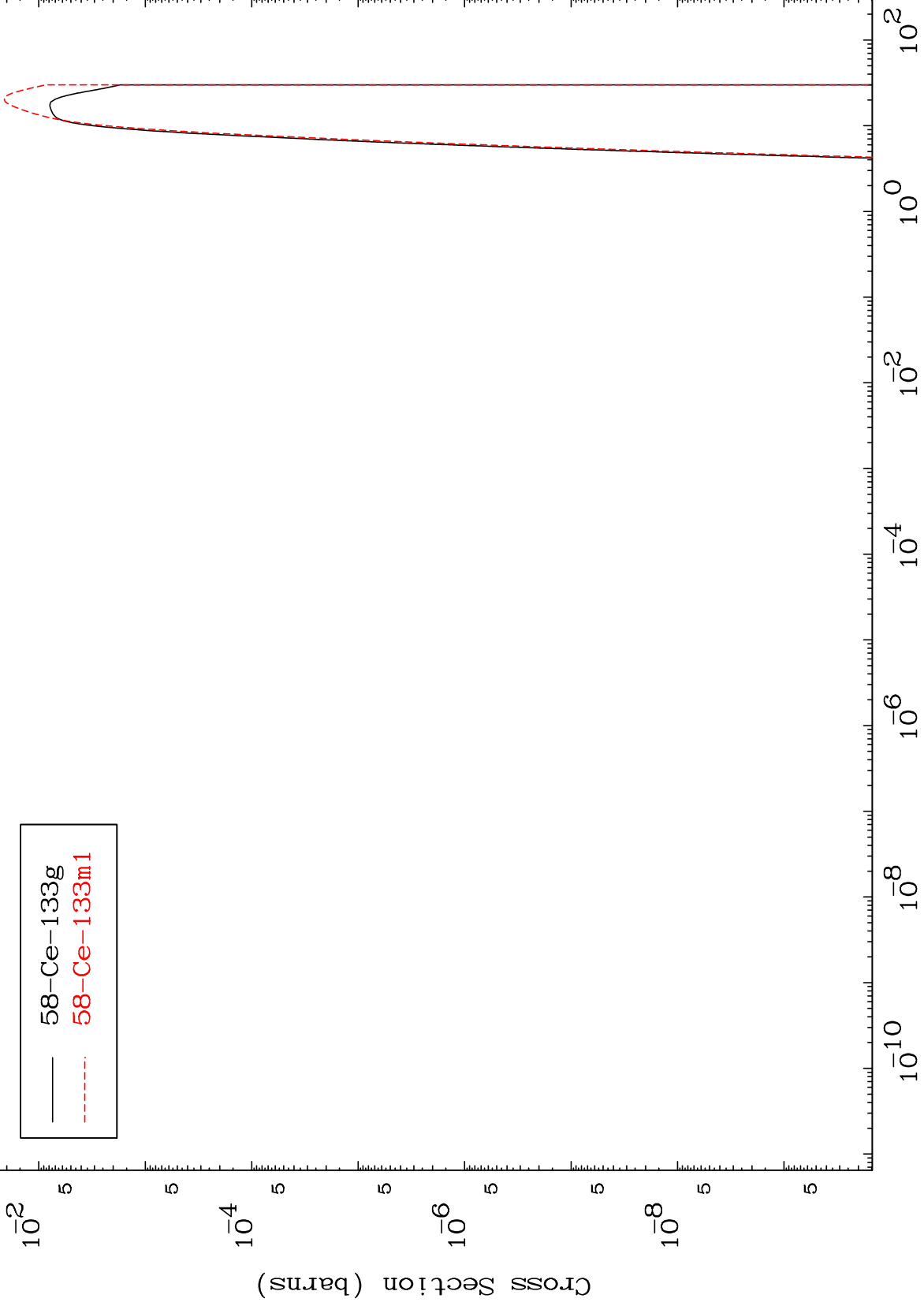
60-Nd-134

MAT 6001

(n,2p)

60-Nd-134

Radionuclide Production Cross Section

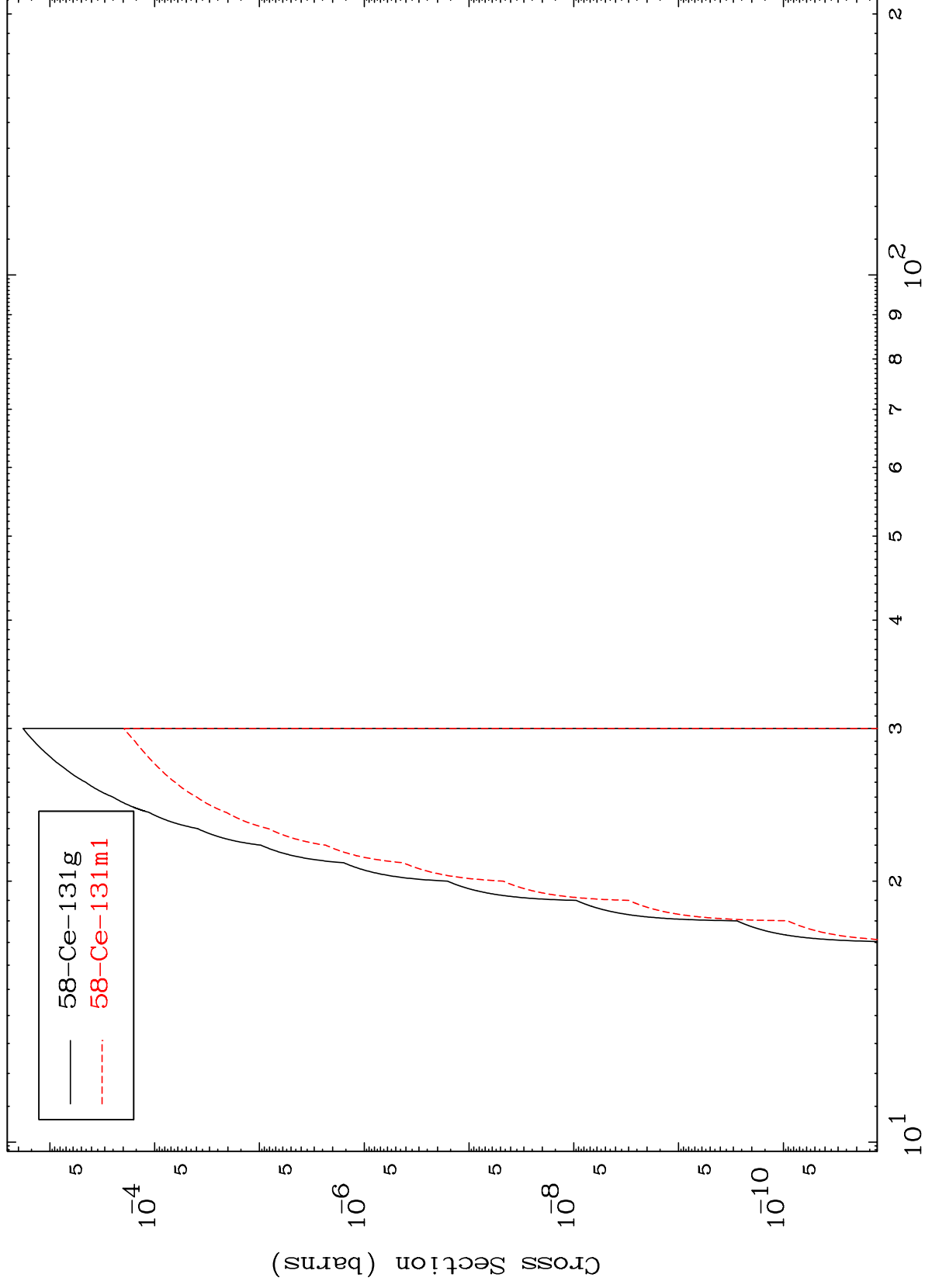


MAT 6001

(n,p) t

⁶⁰Nd-134

Radionuclide Production Cross Section



89

Incident Energy (MeV)

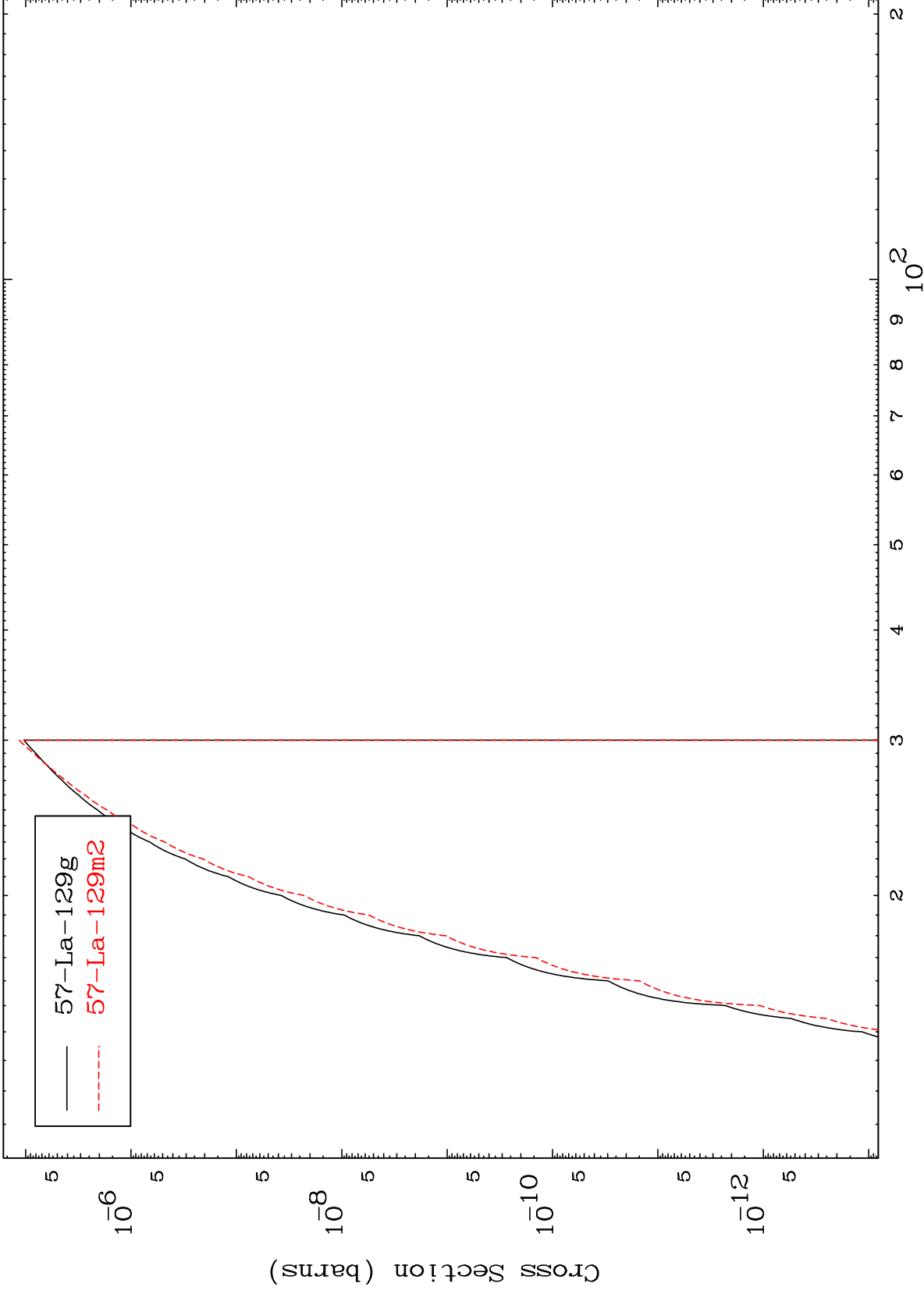
⁶⁰Nd-134

MAT 6001

(n,d) α

$^{60}\text{Nd-134}$

Radionuclide Production Cross Section



90

Incident Energy (MeV)

$^{60}\text{Nd-134}$