

Program EVALPLOT  
(Version 2021-1)

by

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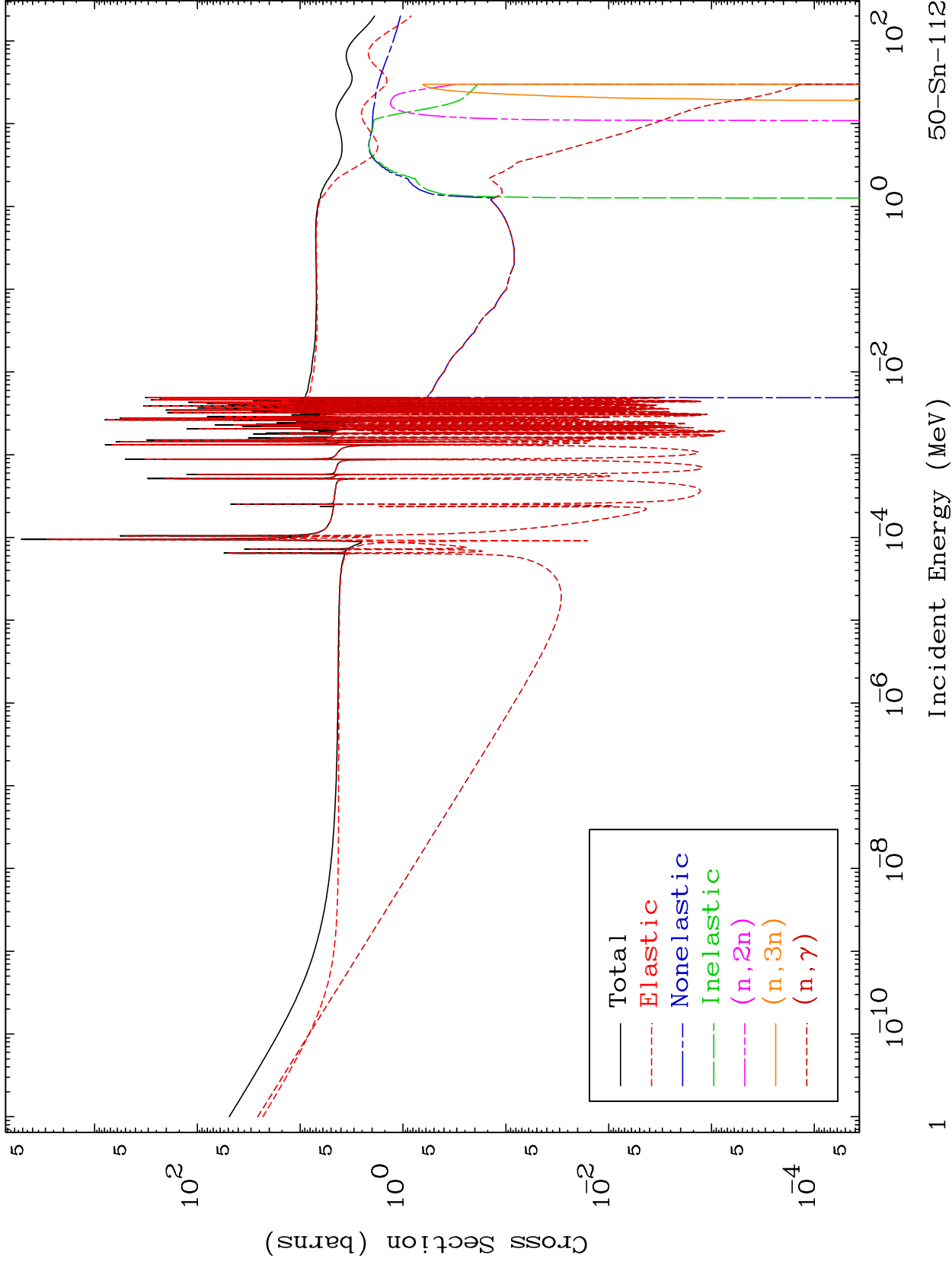
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Press Mouse Button to Start

MAT 5025

Neutron Major  
293 Kelvin Cross Sections

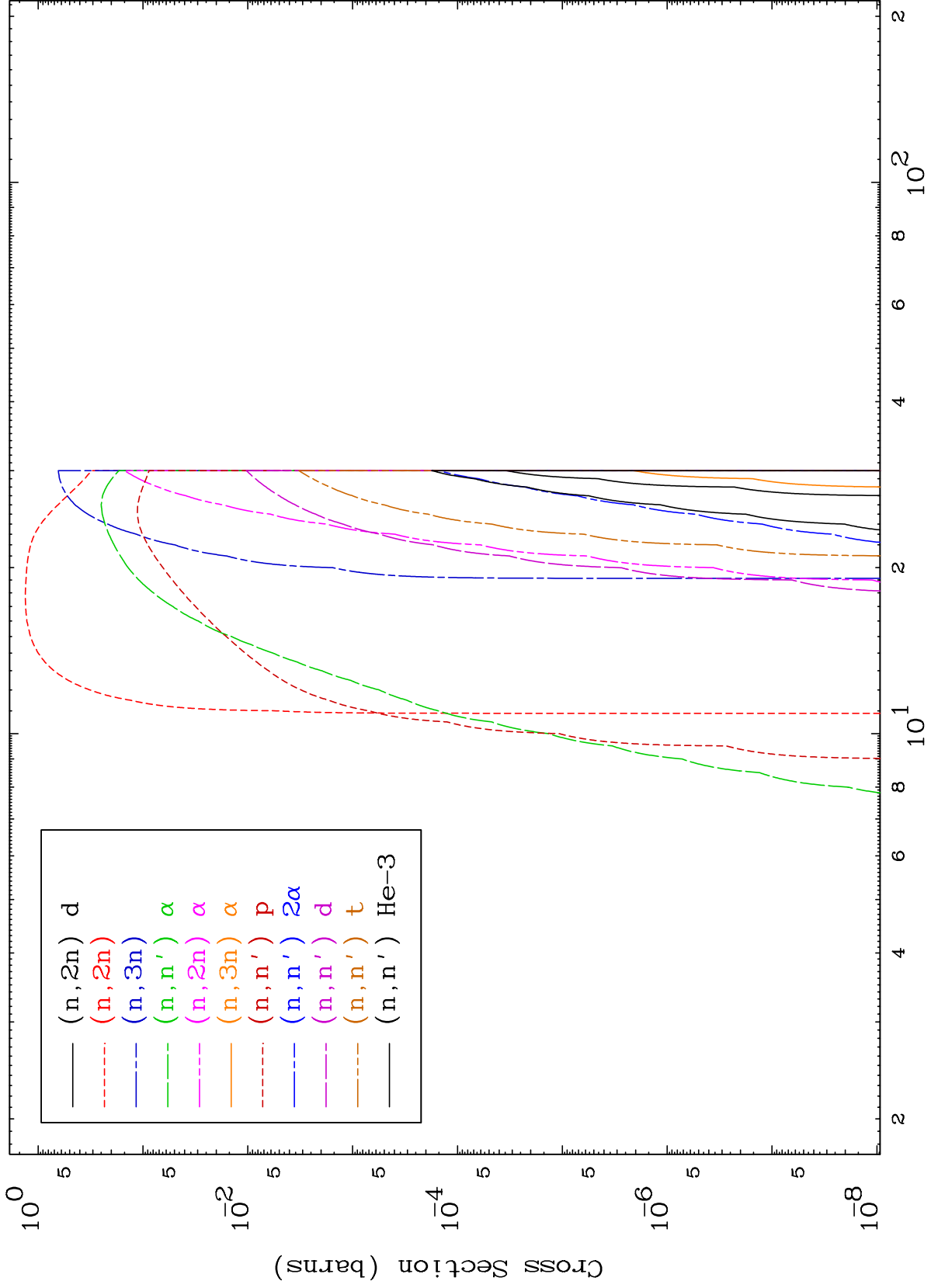
50-Sn-112



MAT 5025

Neutron Absorption  
293 Kelvin Cross Sections

50-Sn-112



50-Sn-112

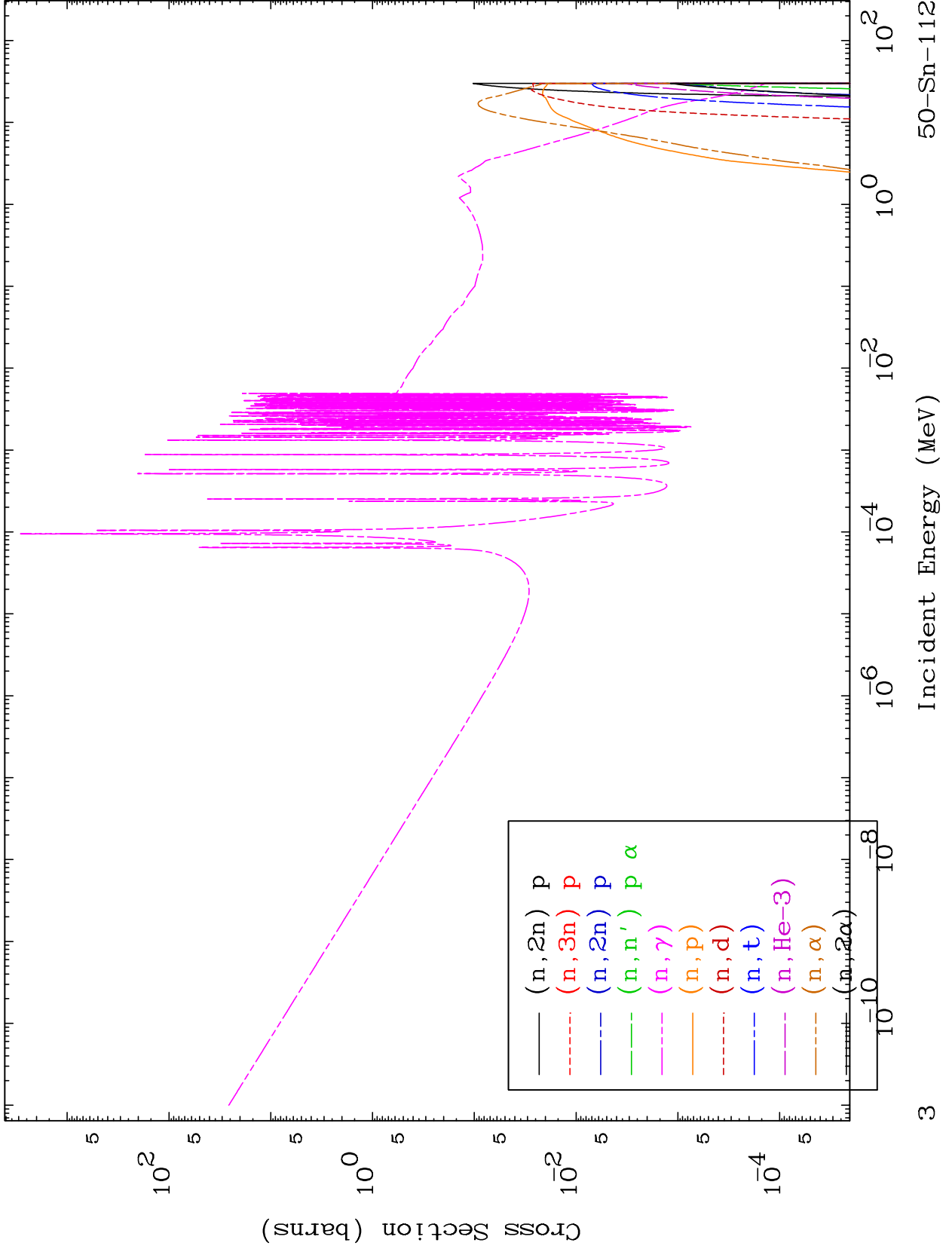
Incident Energy (MeV)

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MAT 5025

Neutron Absorption  
293 Kelvin Cross Sections

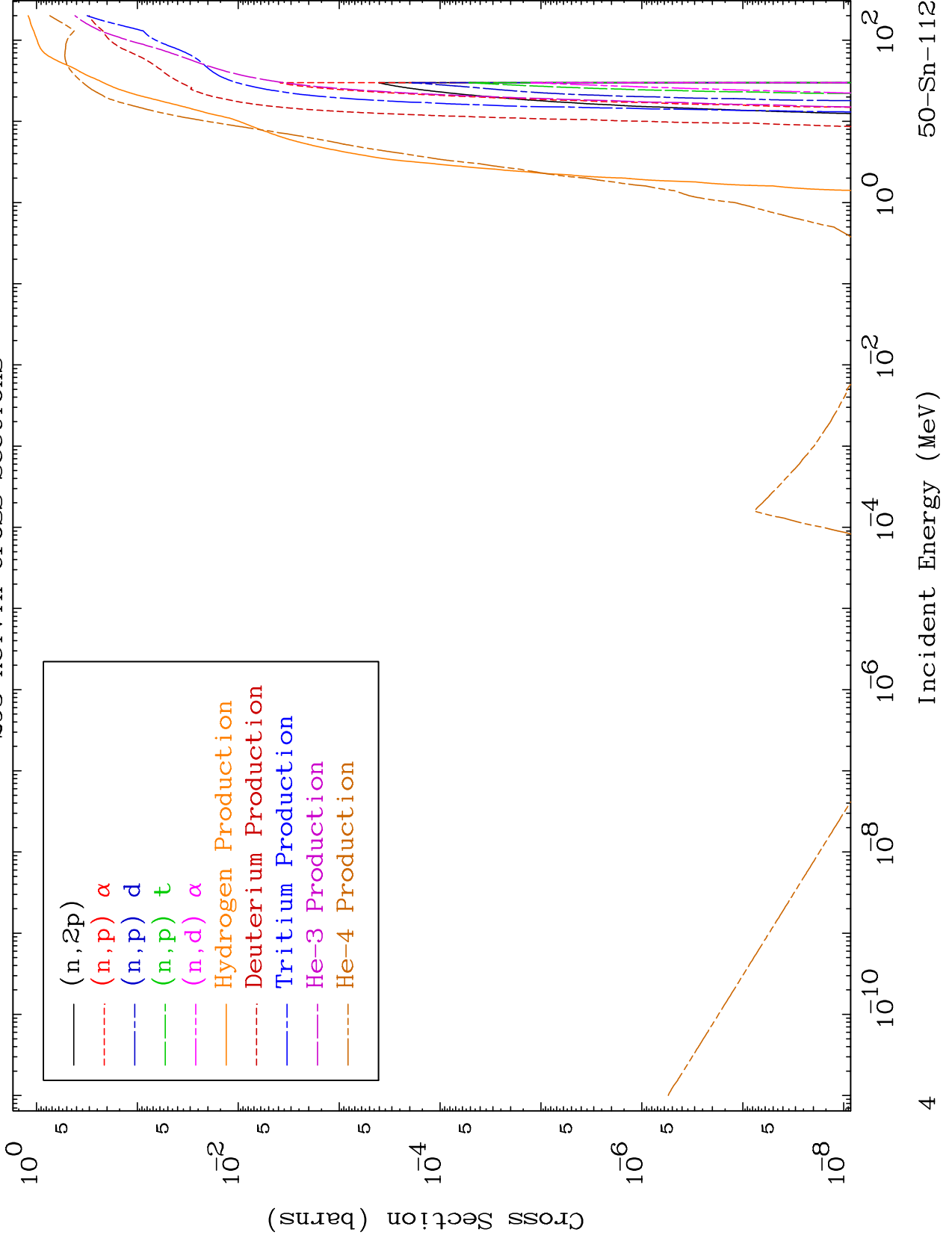
50-Sn-112



MAT 5025

Neutron Absorption  
293 Kelvin Cross Sections

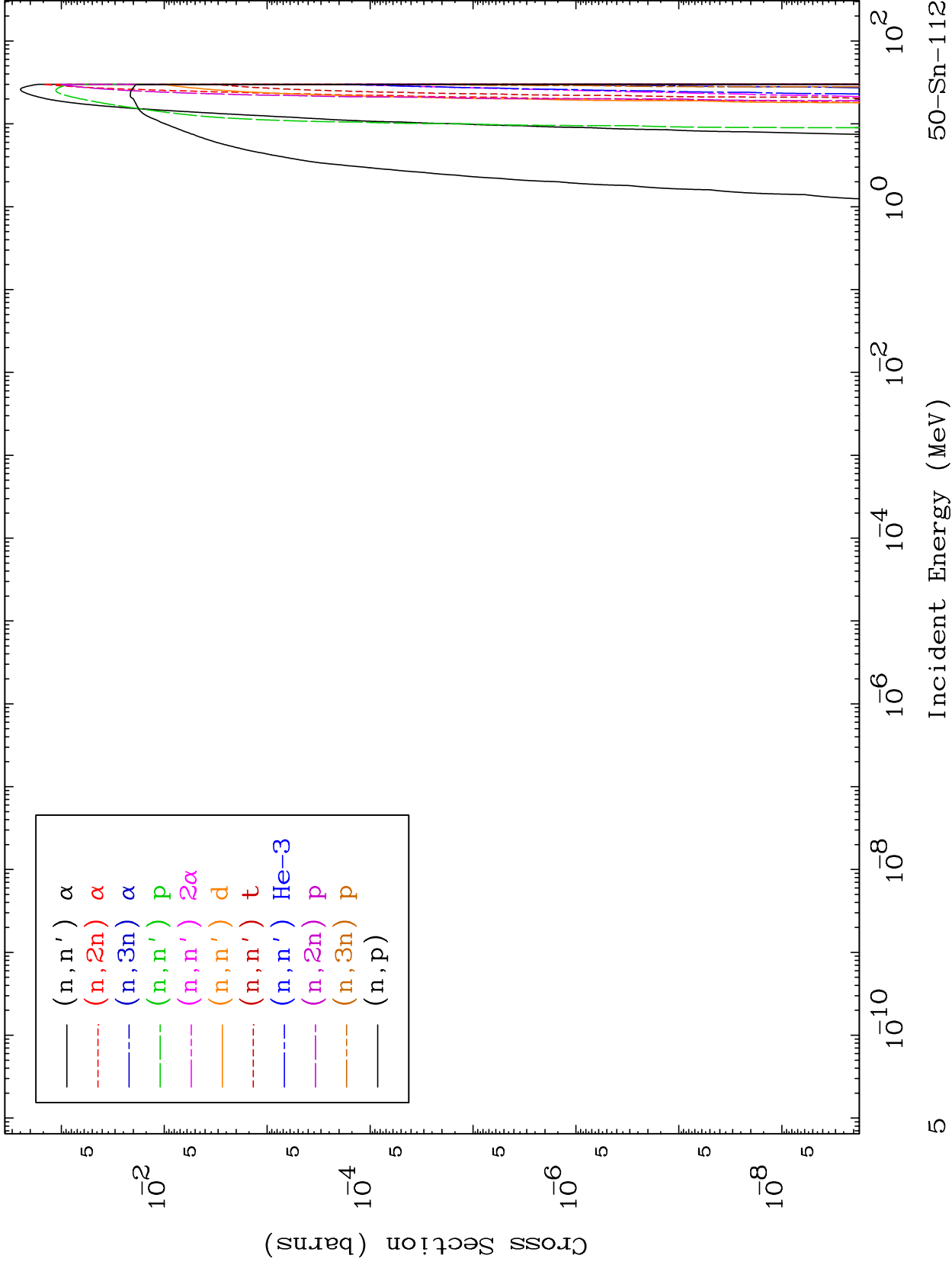
50-Sn-112



MAT 5025

Charged Particle  
293 Kelvin Cross Sections

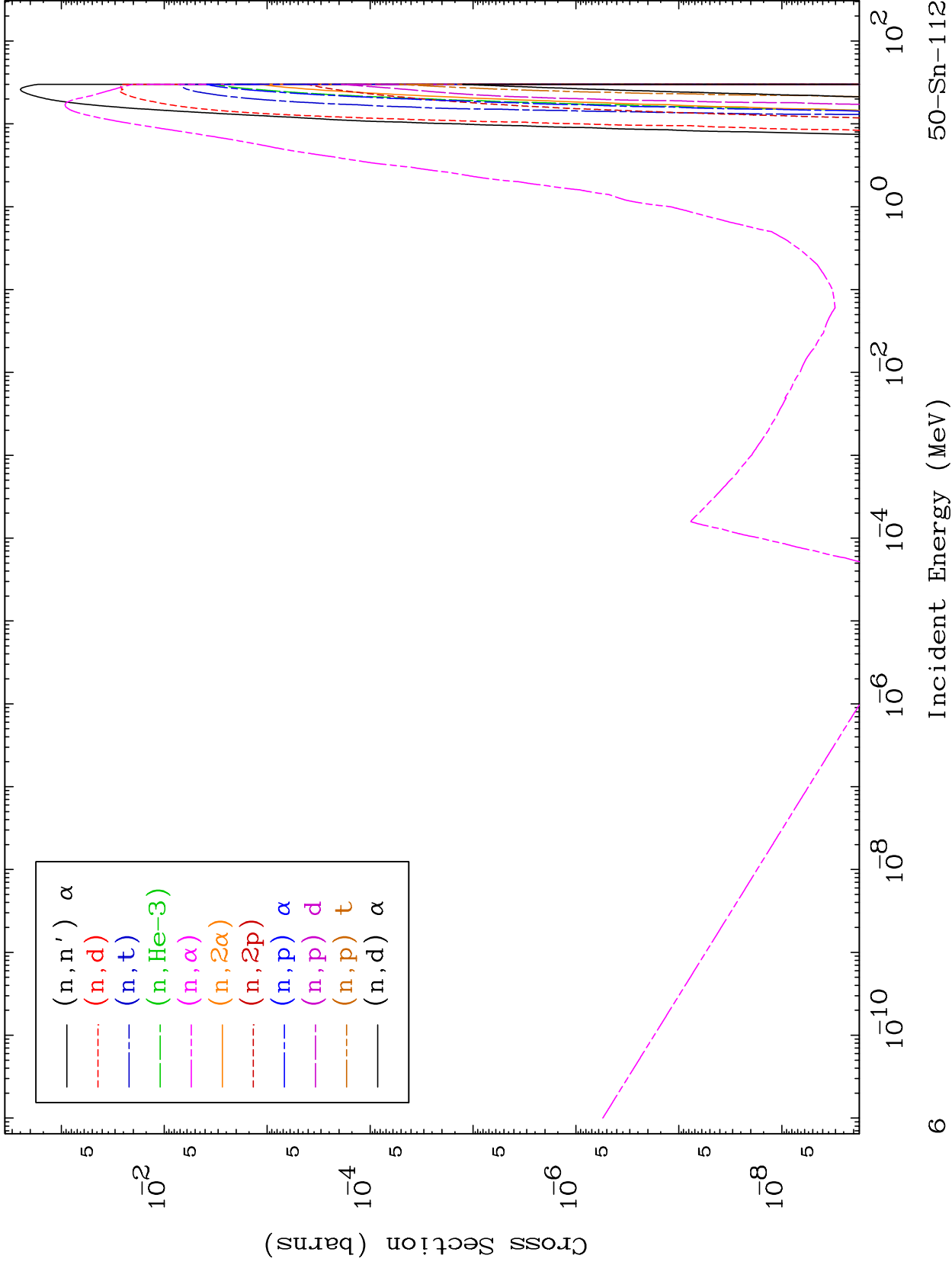
50-Sn-112



MAT 5025

Charged Particle  
293 Kelvin Cross Sections

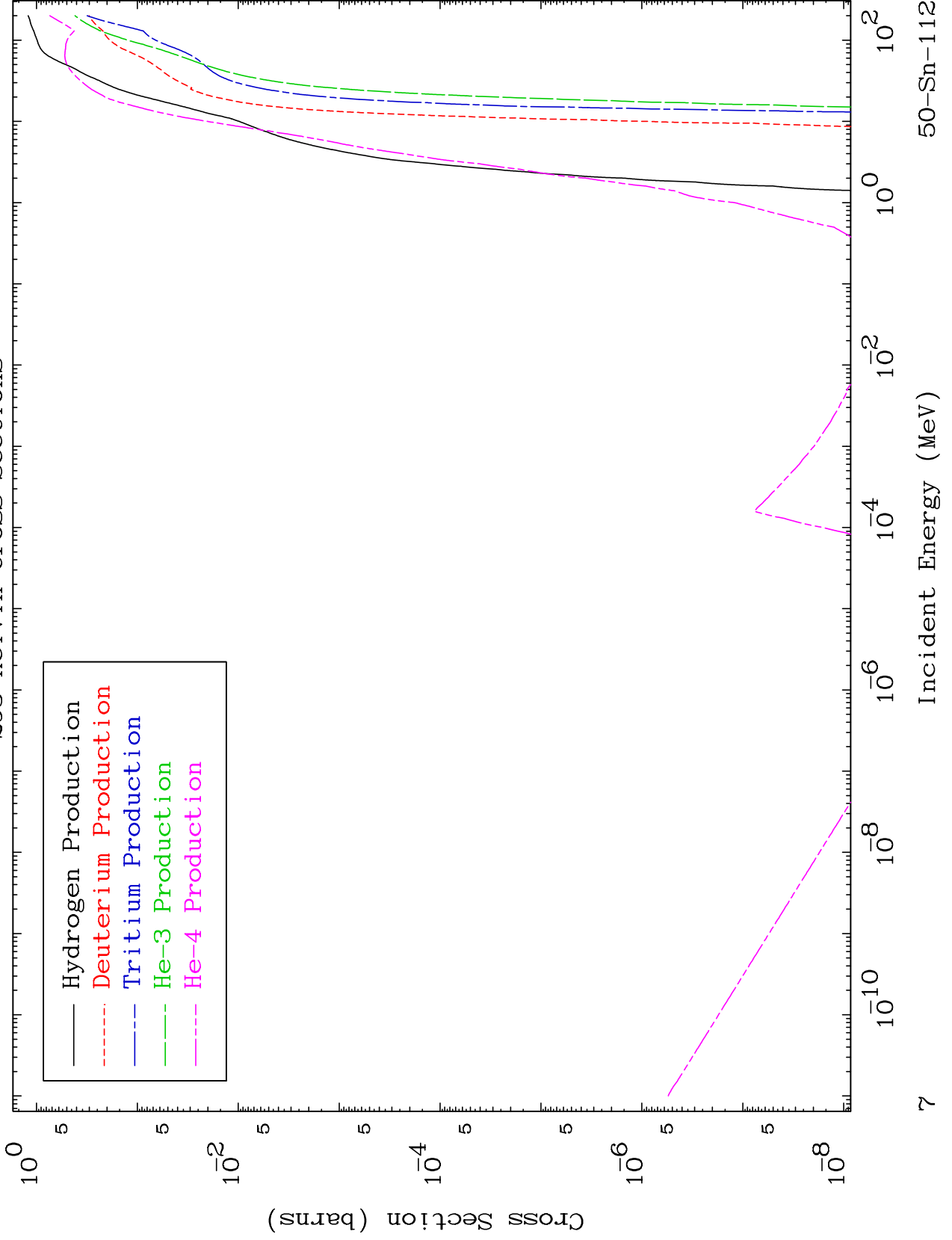
50-Sn-112



MAT 5025

Particle Production  
293 Kelvin Cross Sections

50-Sn-112



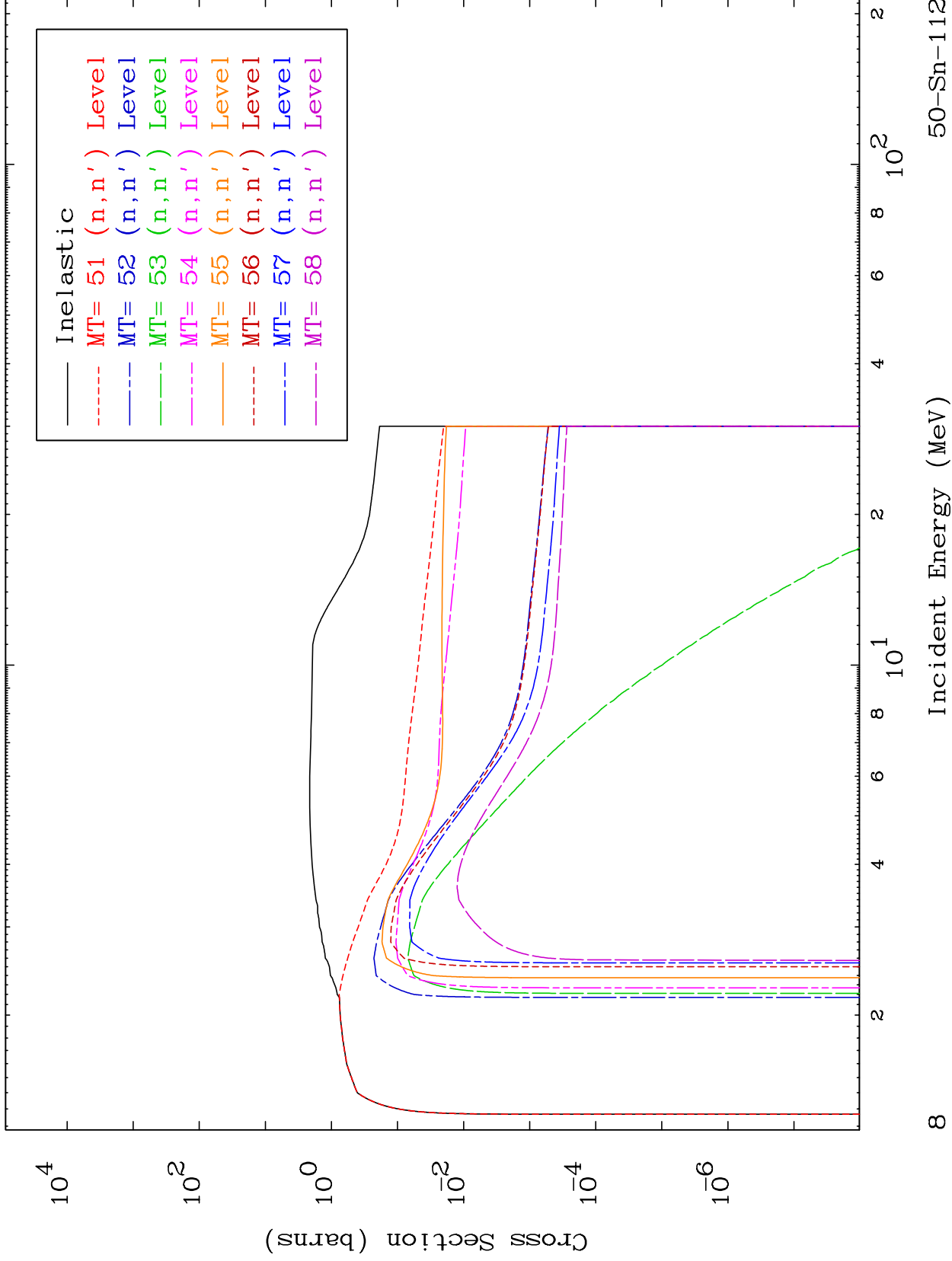


MAT 5025

(n,n') Levels

50-Sn-112

293 Kelvin Cross Sections



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Incident Energy (MeV)

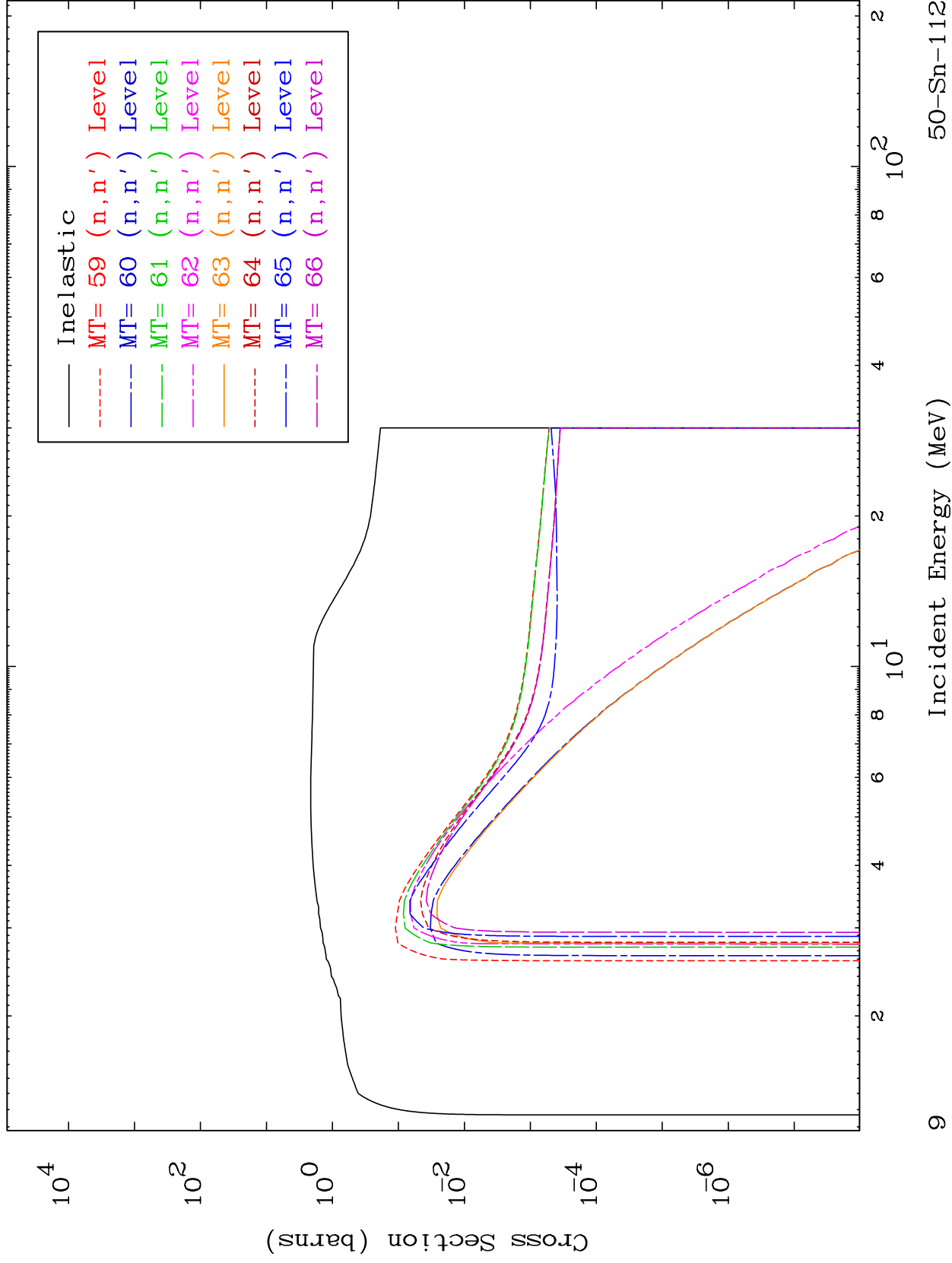
50-Sn-112

MAT 5025

(n,n') Levels

293 Kelvin Cross Sections

50-Sn-112

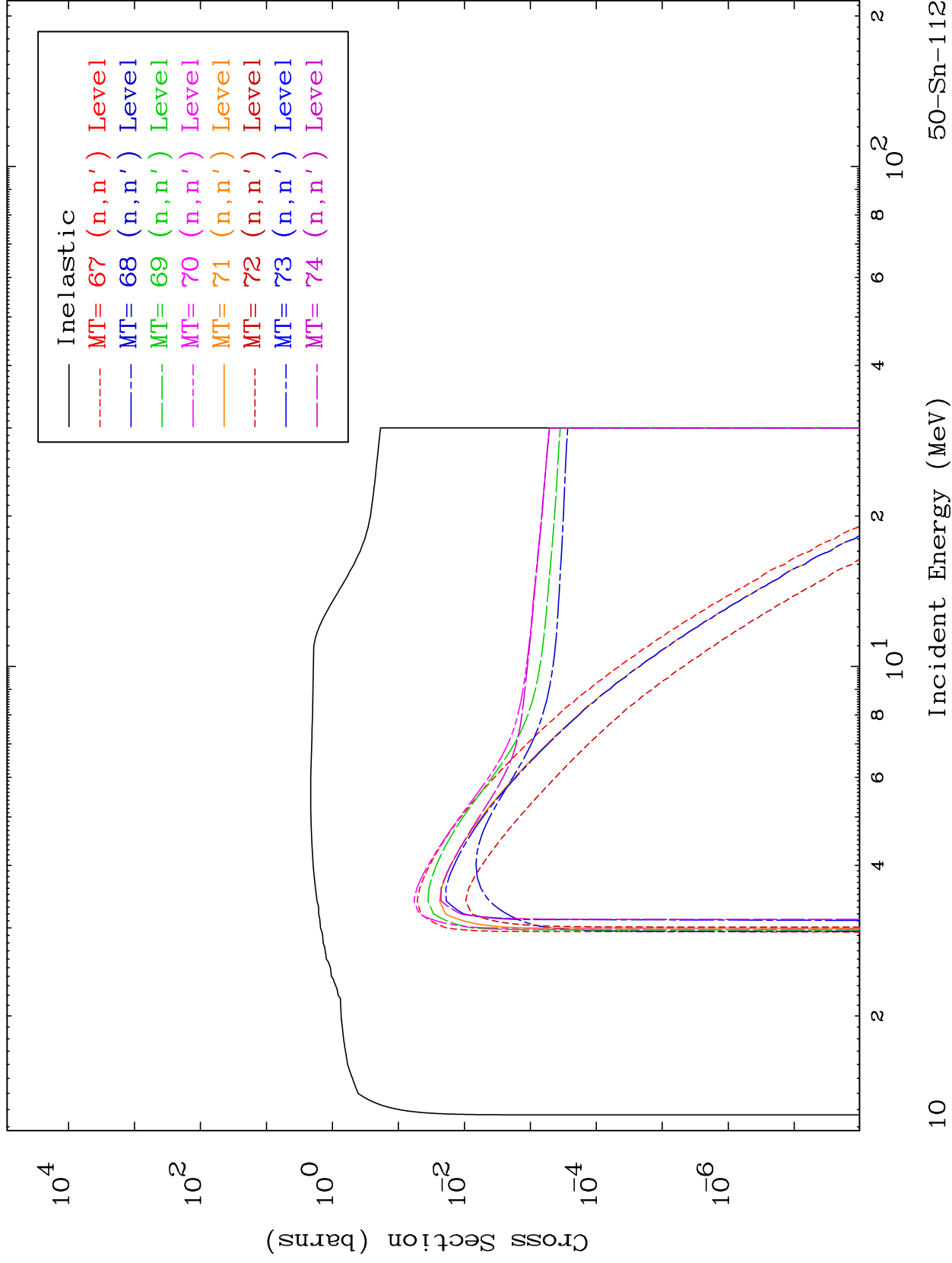


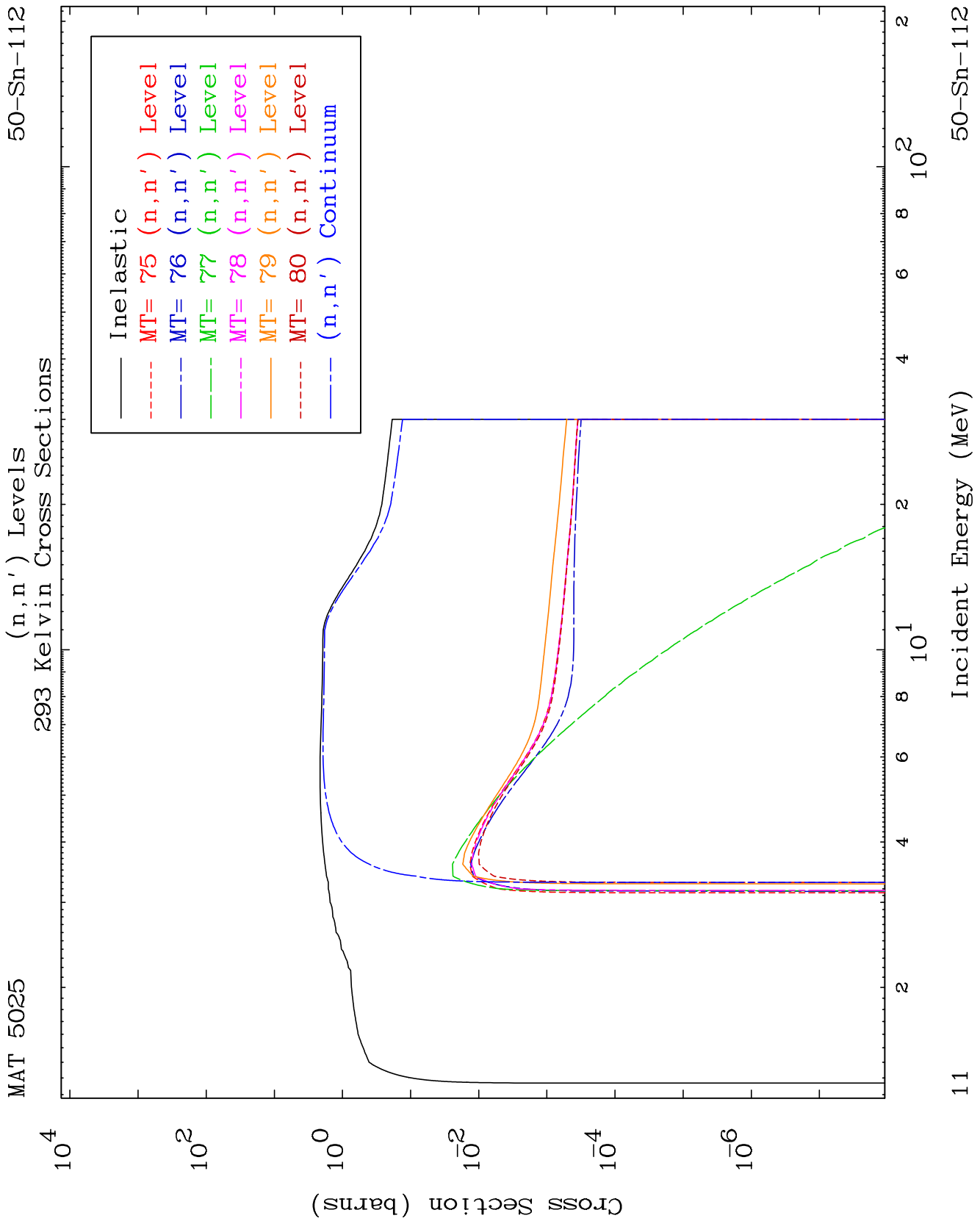
MAT 5025

(n,n') Levels

293 Kelvin Cross Sections

50-Sn-112

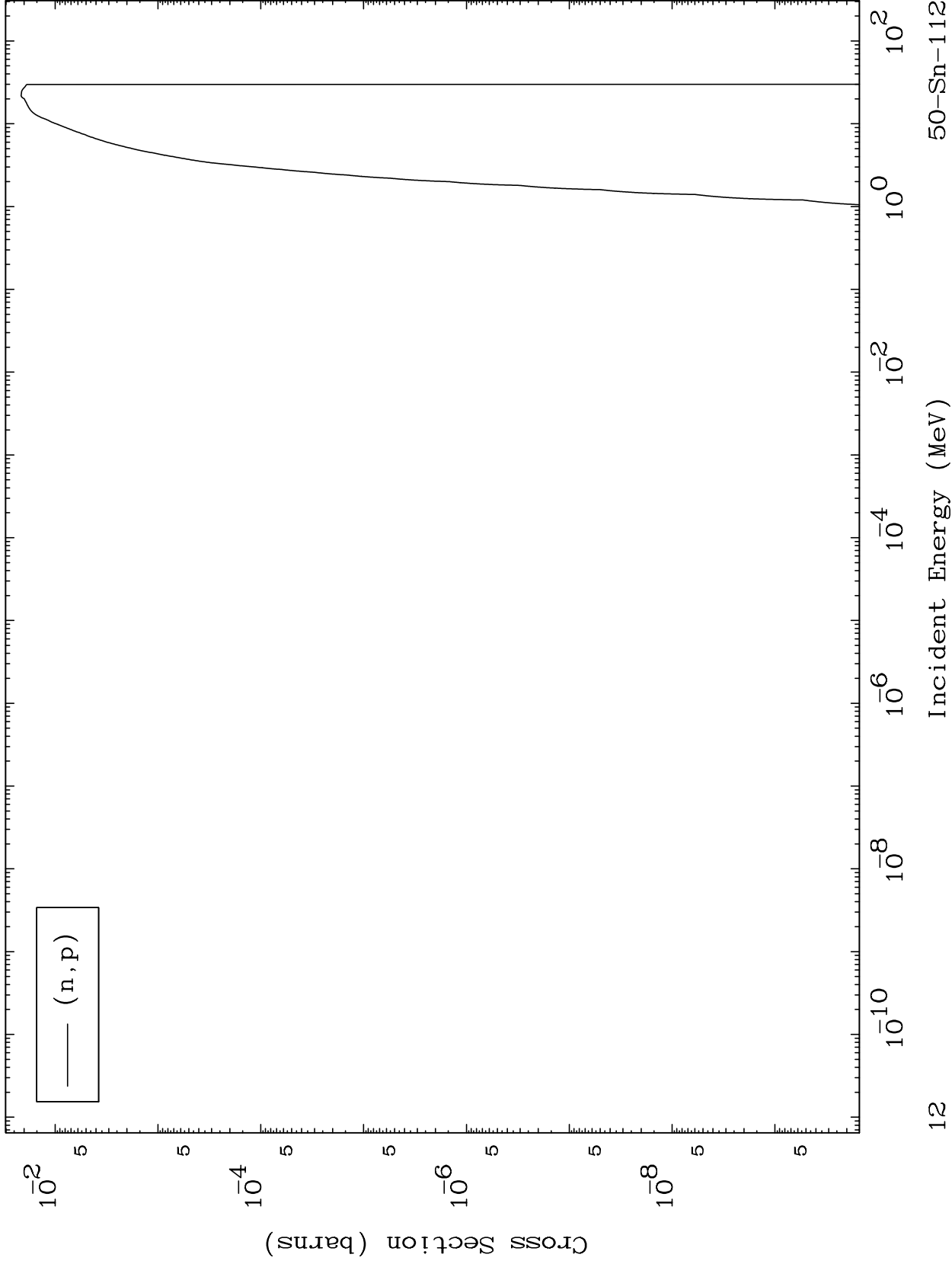




MAT 5025

(n,p) Levels  
293 Kelvin Cross Sections

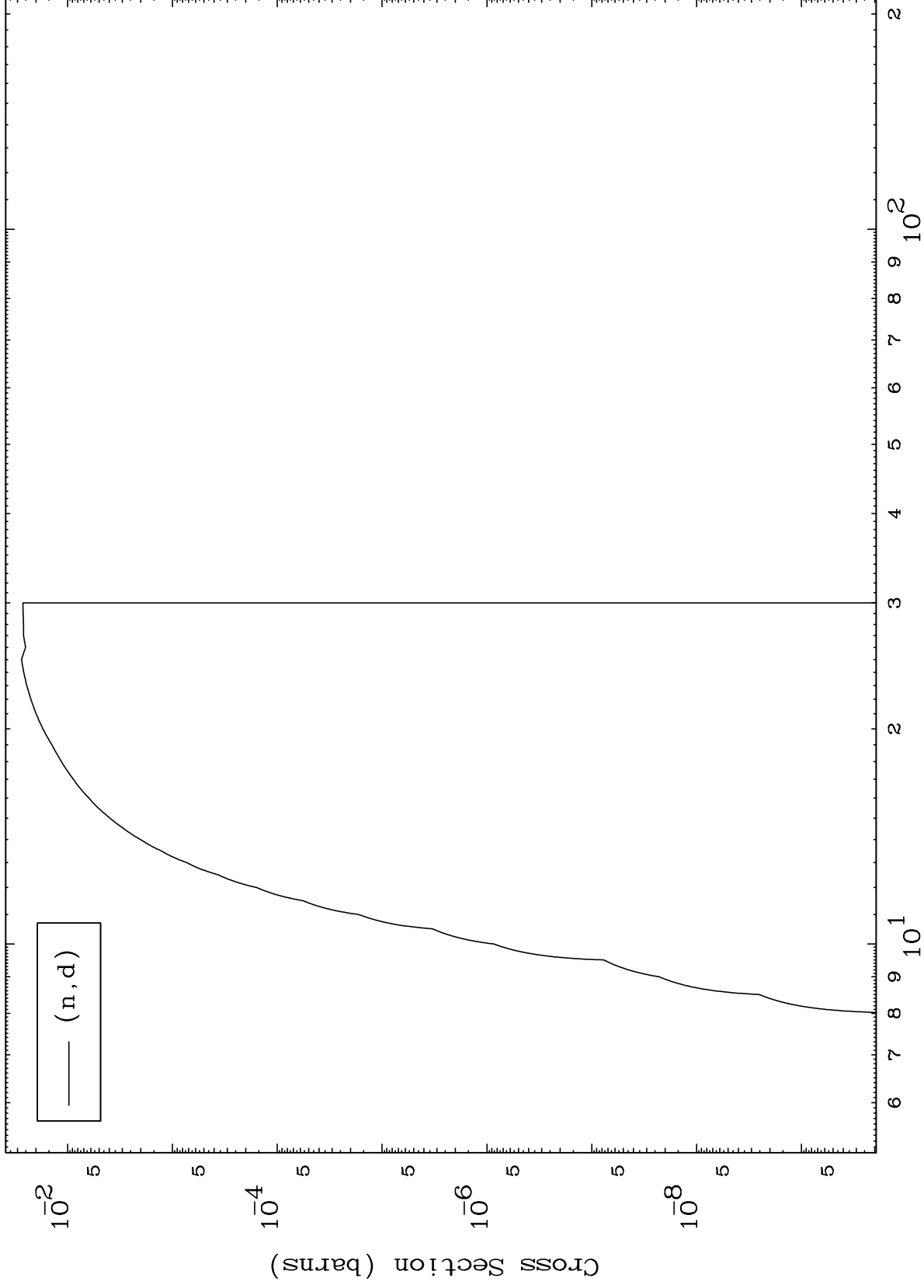
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MAT 5025

(n,d) Levels  
293 Kelvin Cross Sections

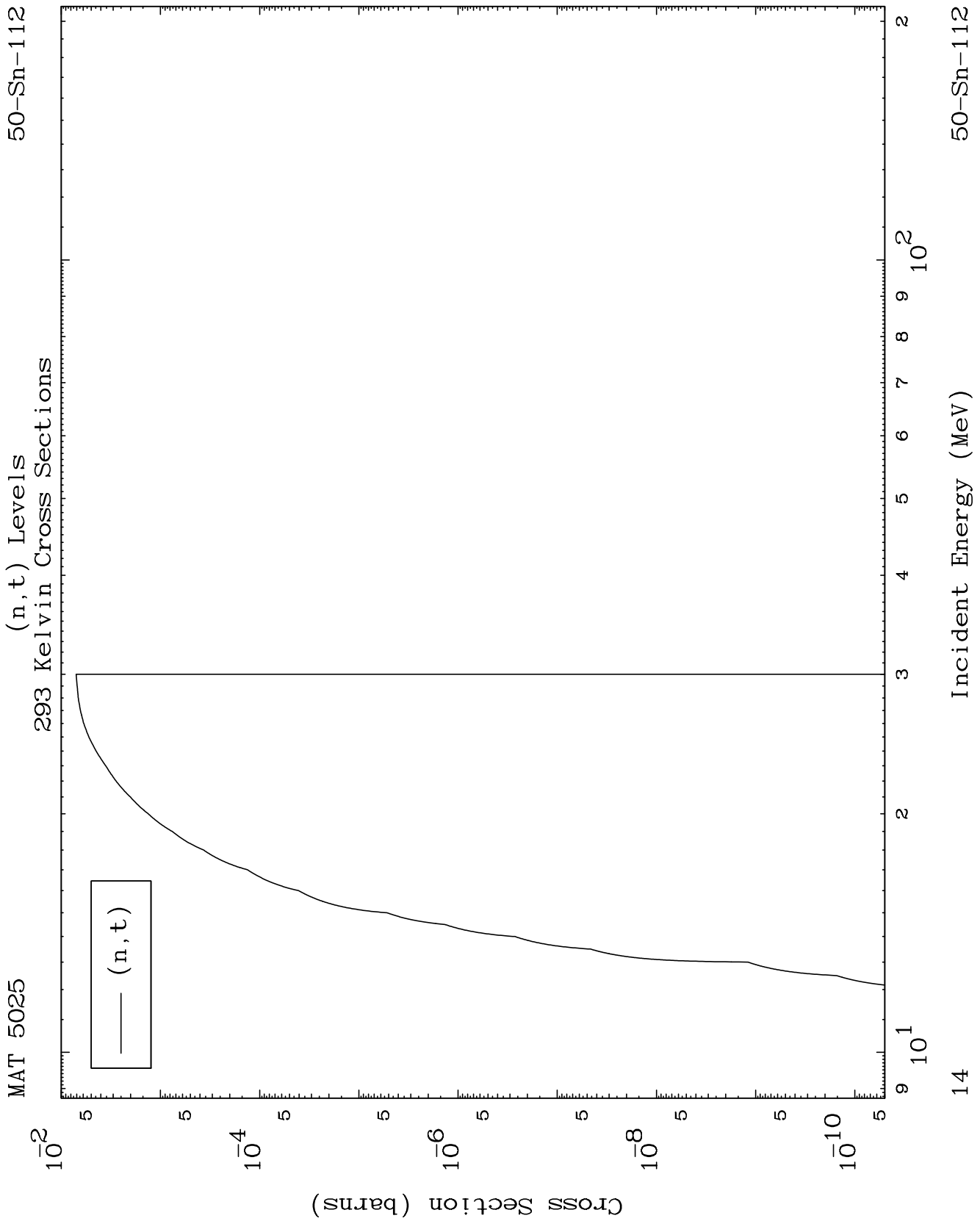
50-Sn-112



13

Incident Energy (MeV)

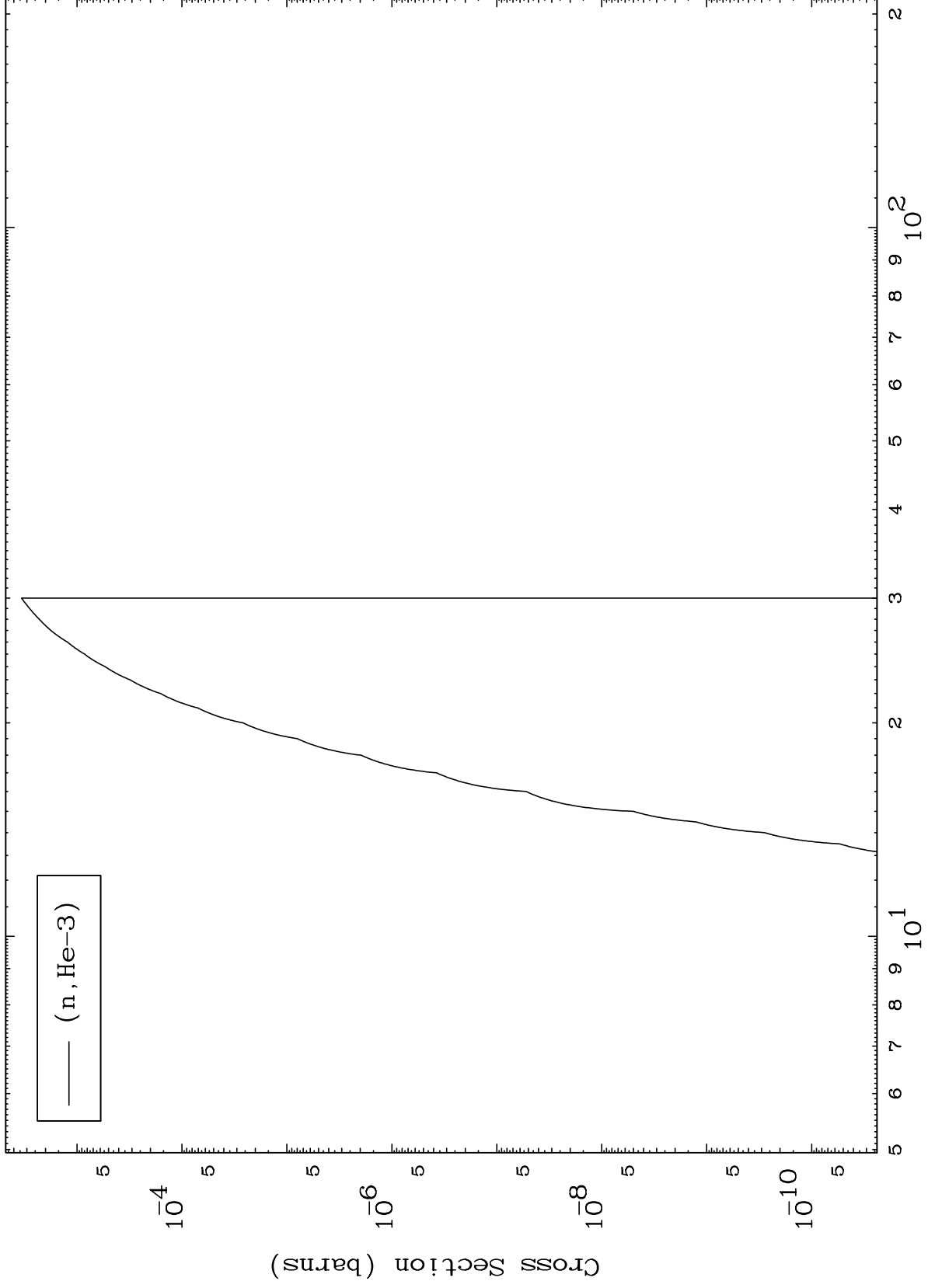
50-Sn-112



MAT 5025

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-112



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Incident Energy (MeV)

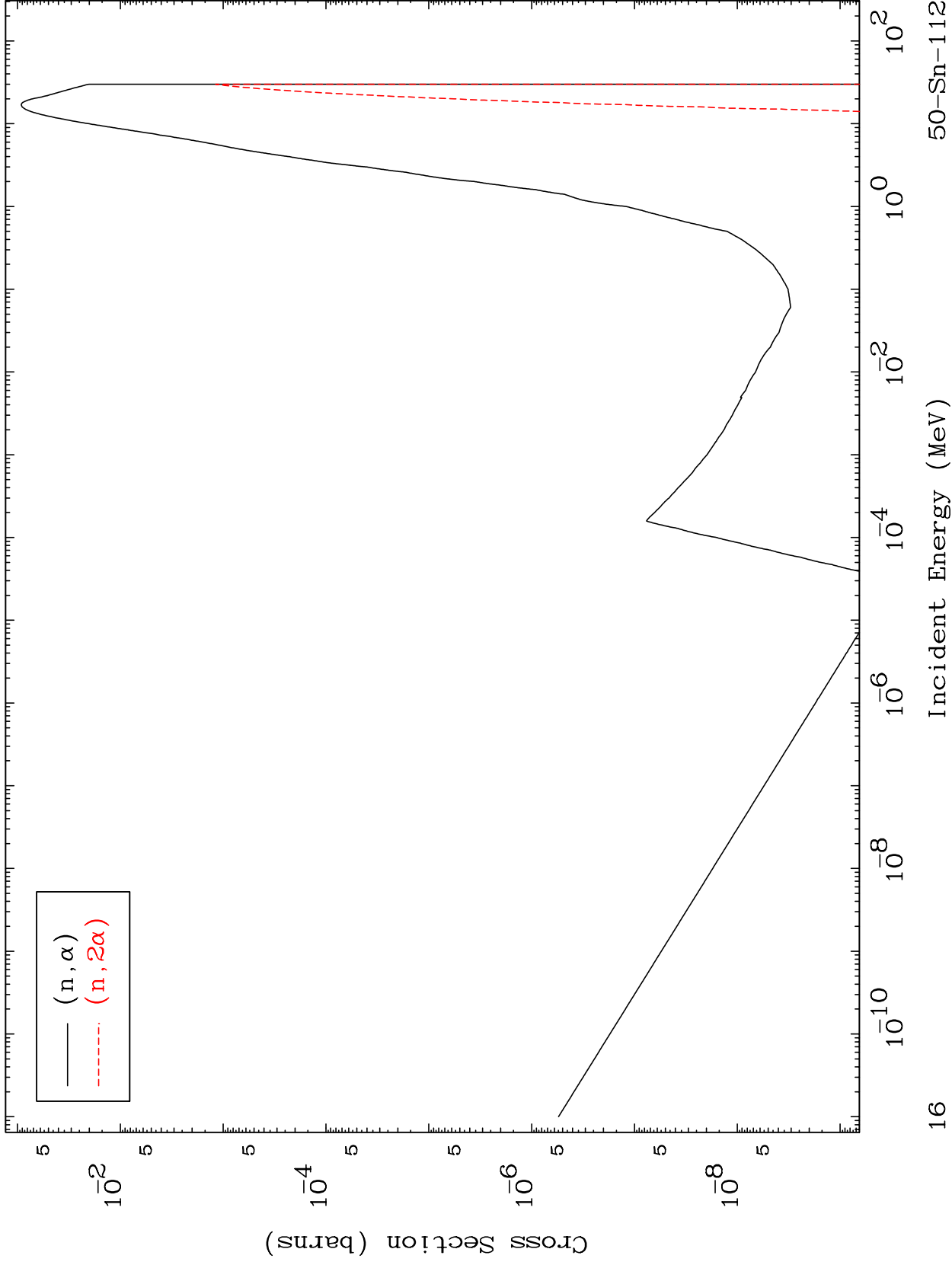
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MAT 5025

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

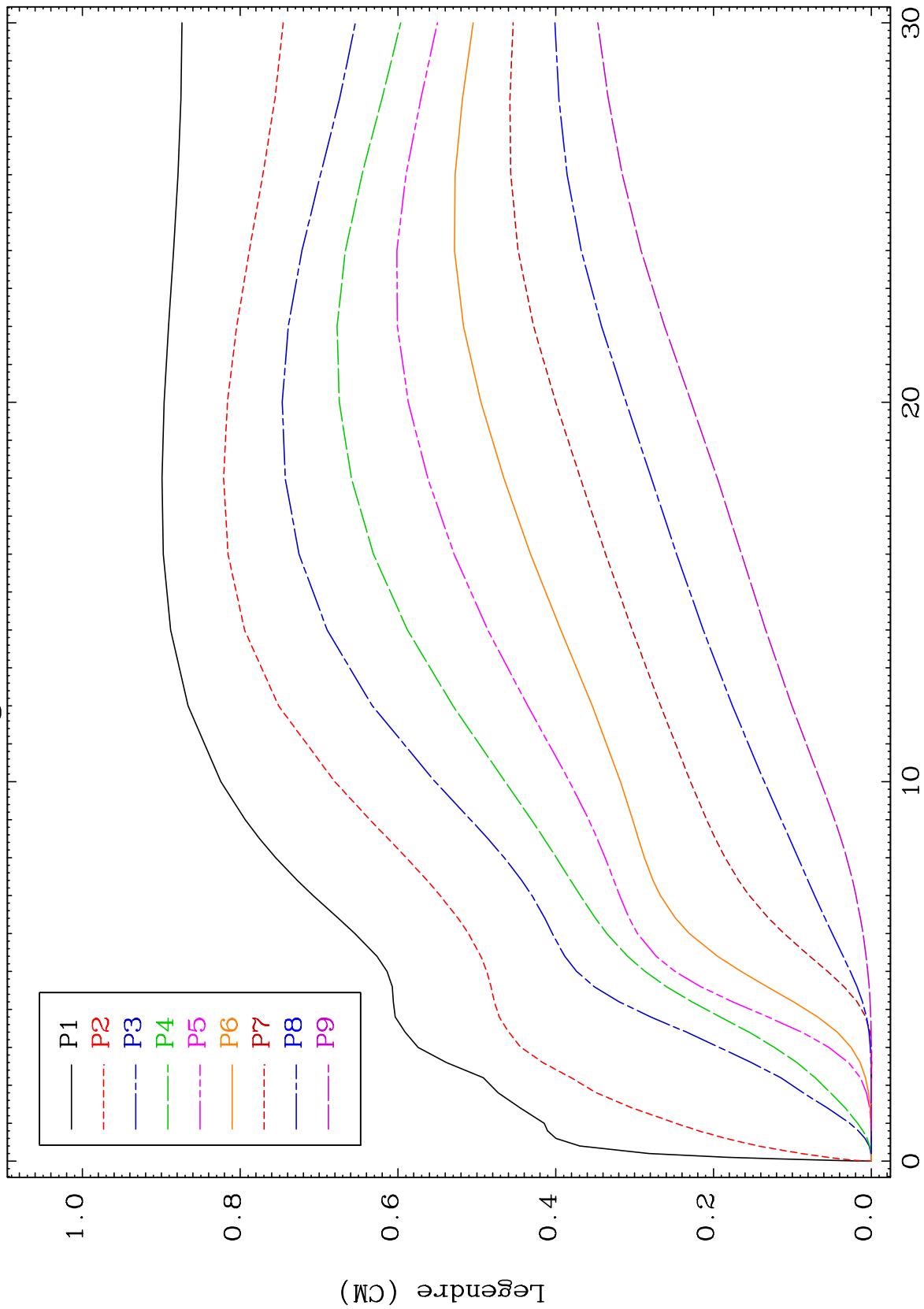
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MAT 5025

Elastic Legendre Coefficients

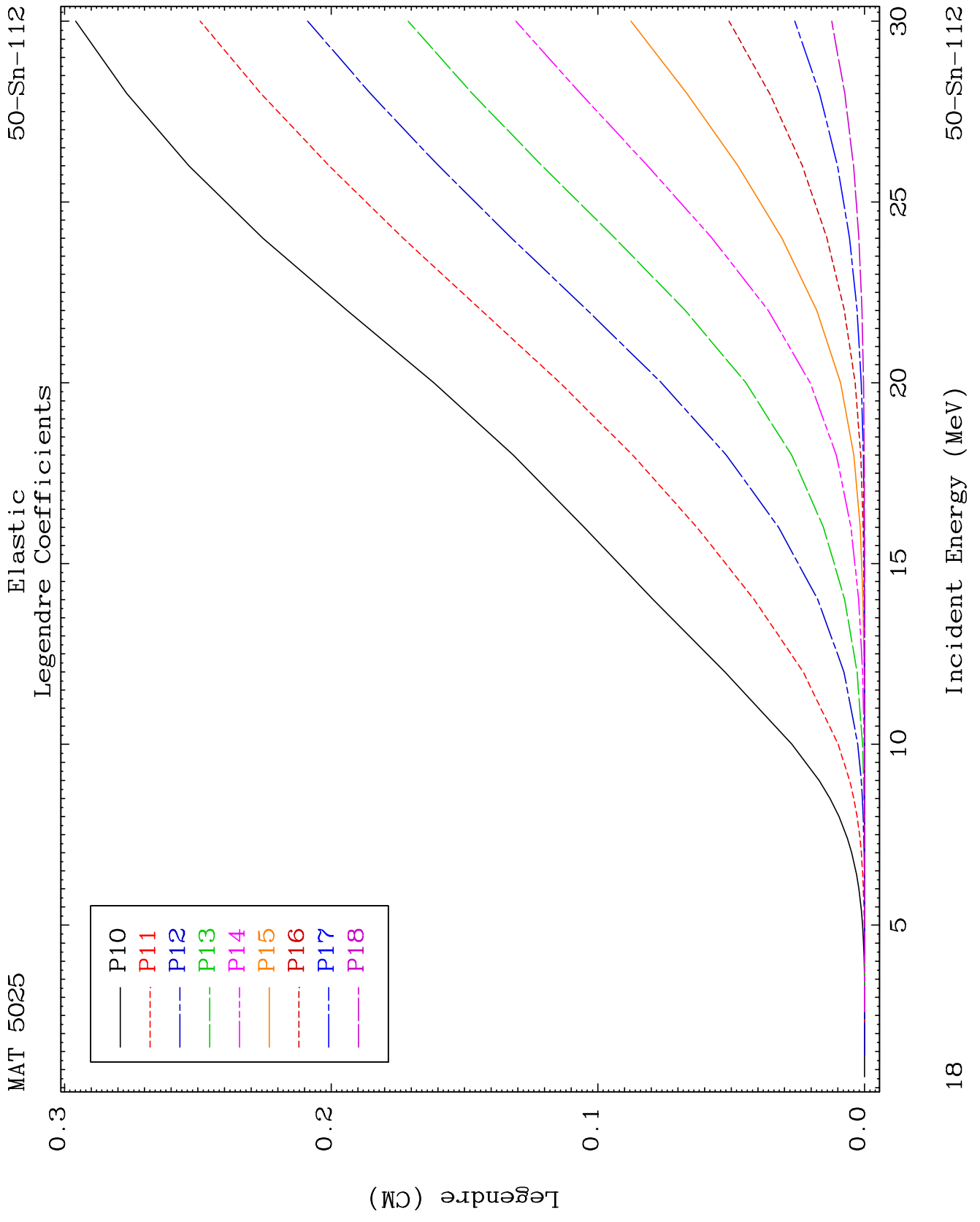
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Incident Energy (MeV)

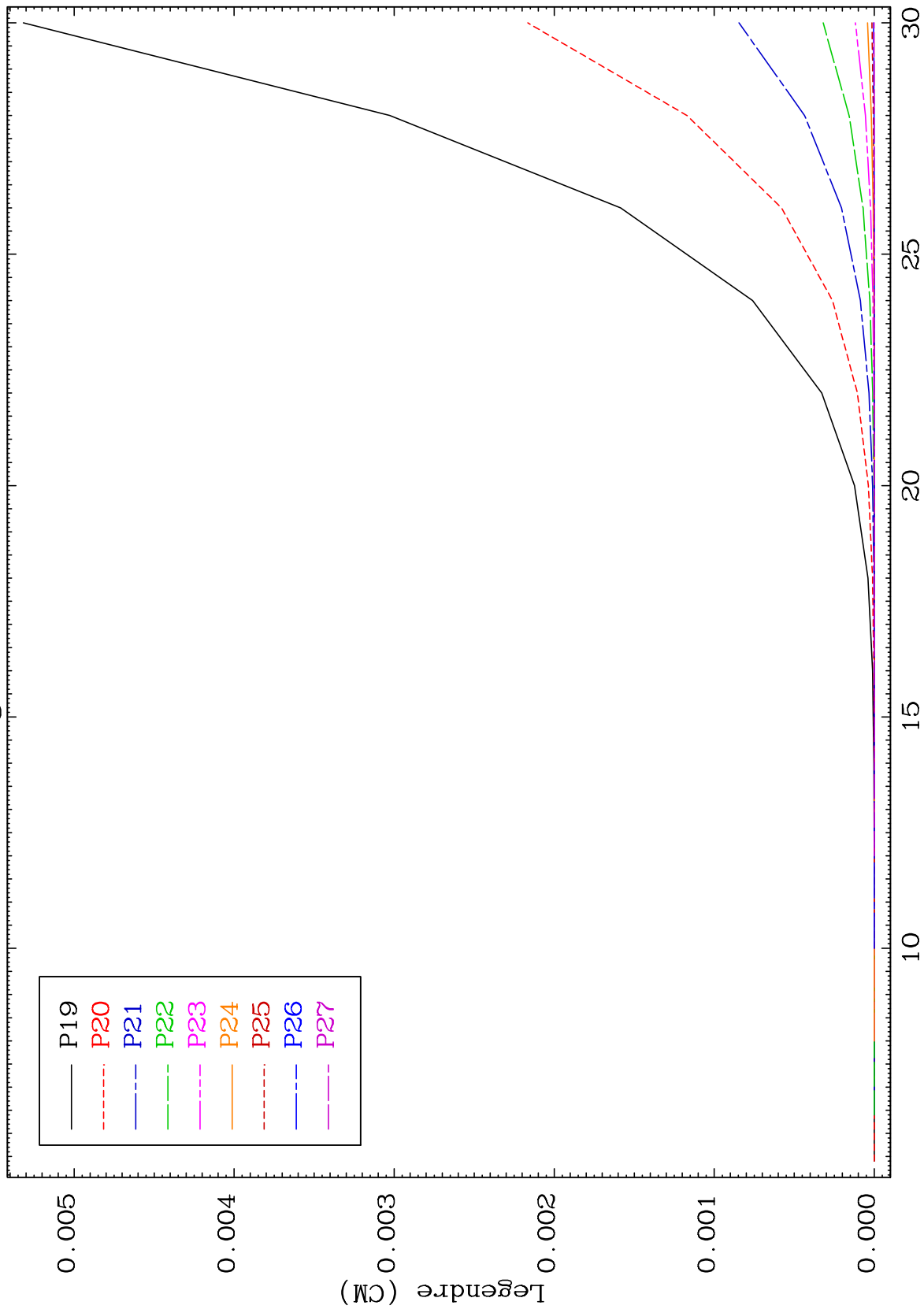
50-Sn-112



MAT 5025

Elastic  
Legendre Coefficients

50-Sn-112



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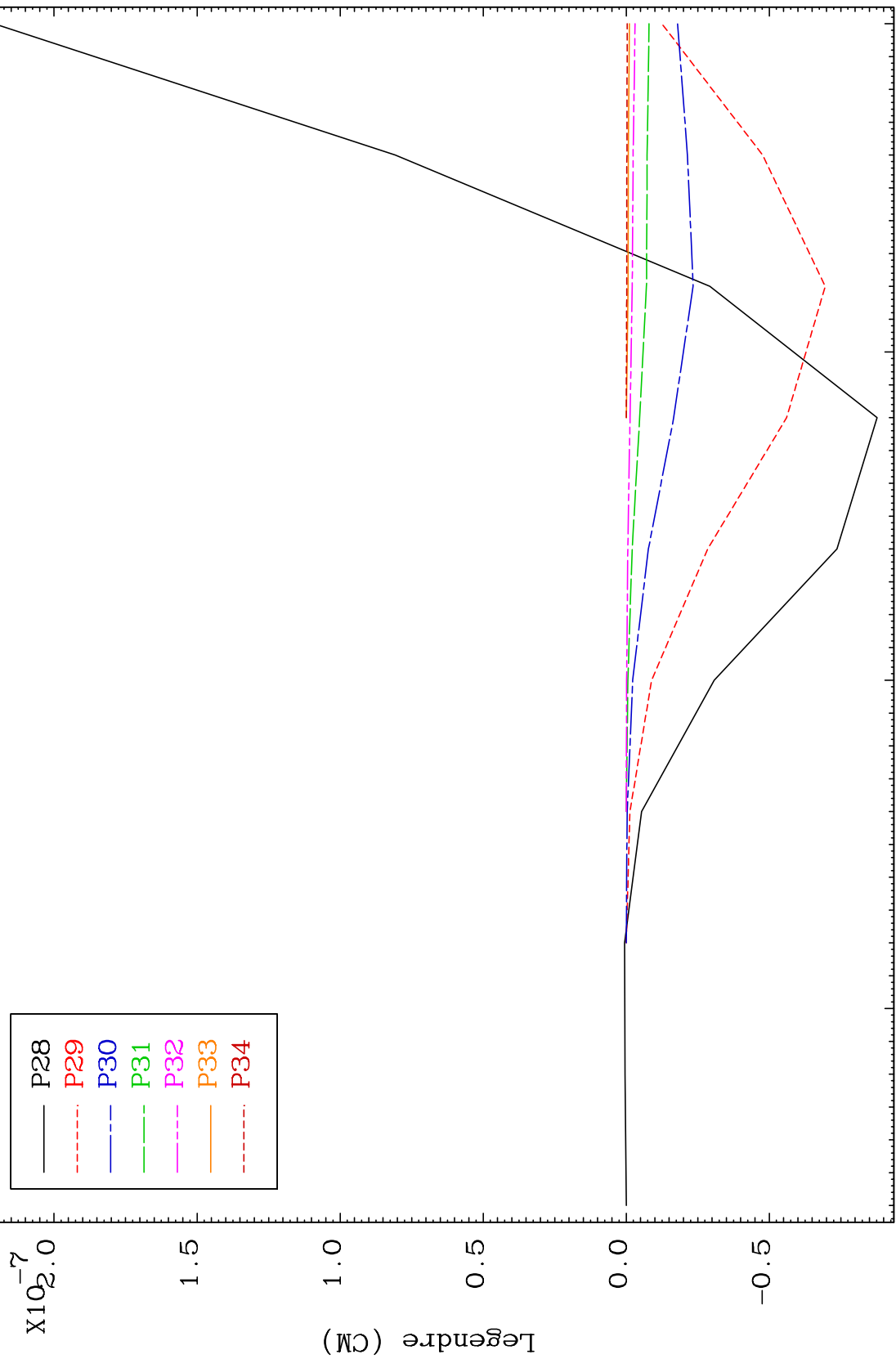
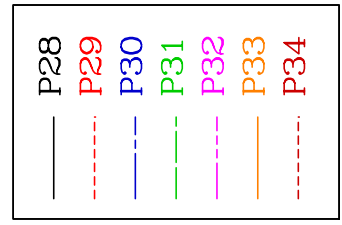
Incident Energy (MeV)

50-Sn-112

MAT 5025

Elastic Legendre Coefficients

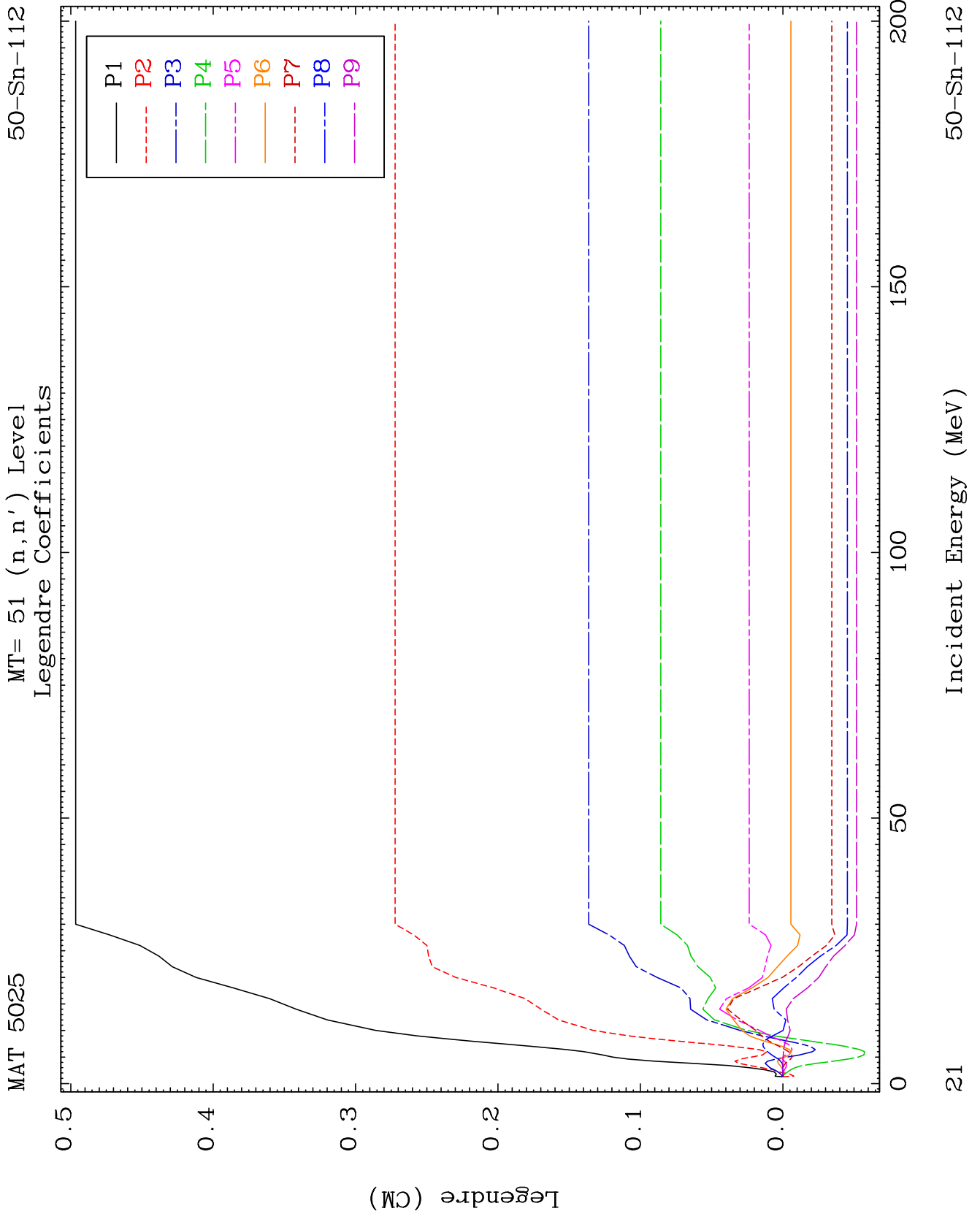
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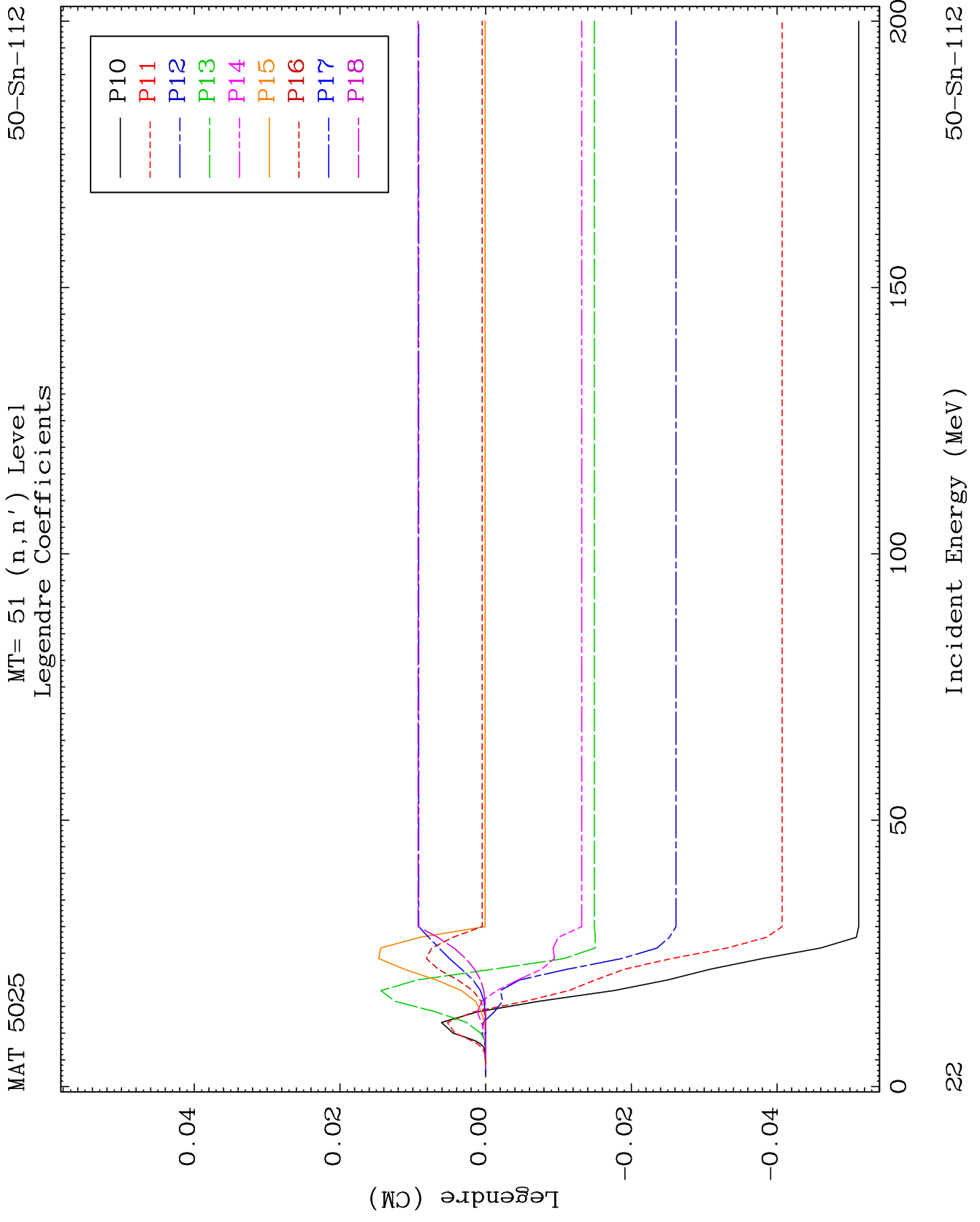


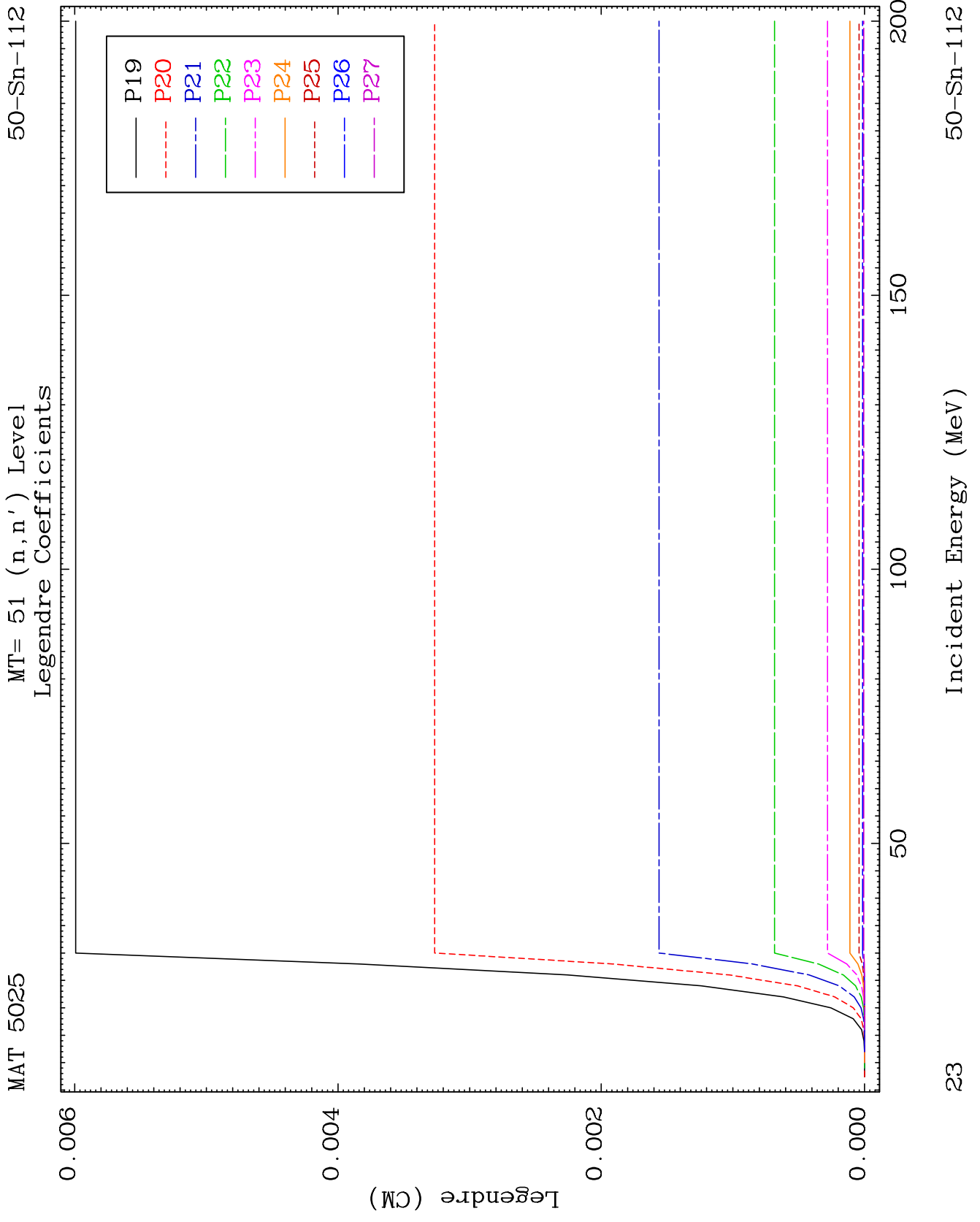
Incident Energy (MeV)

50-Sn-112

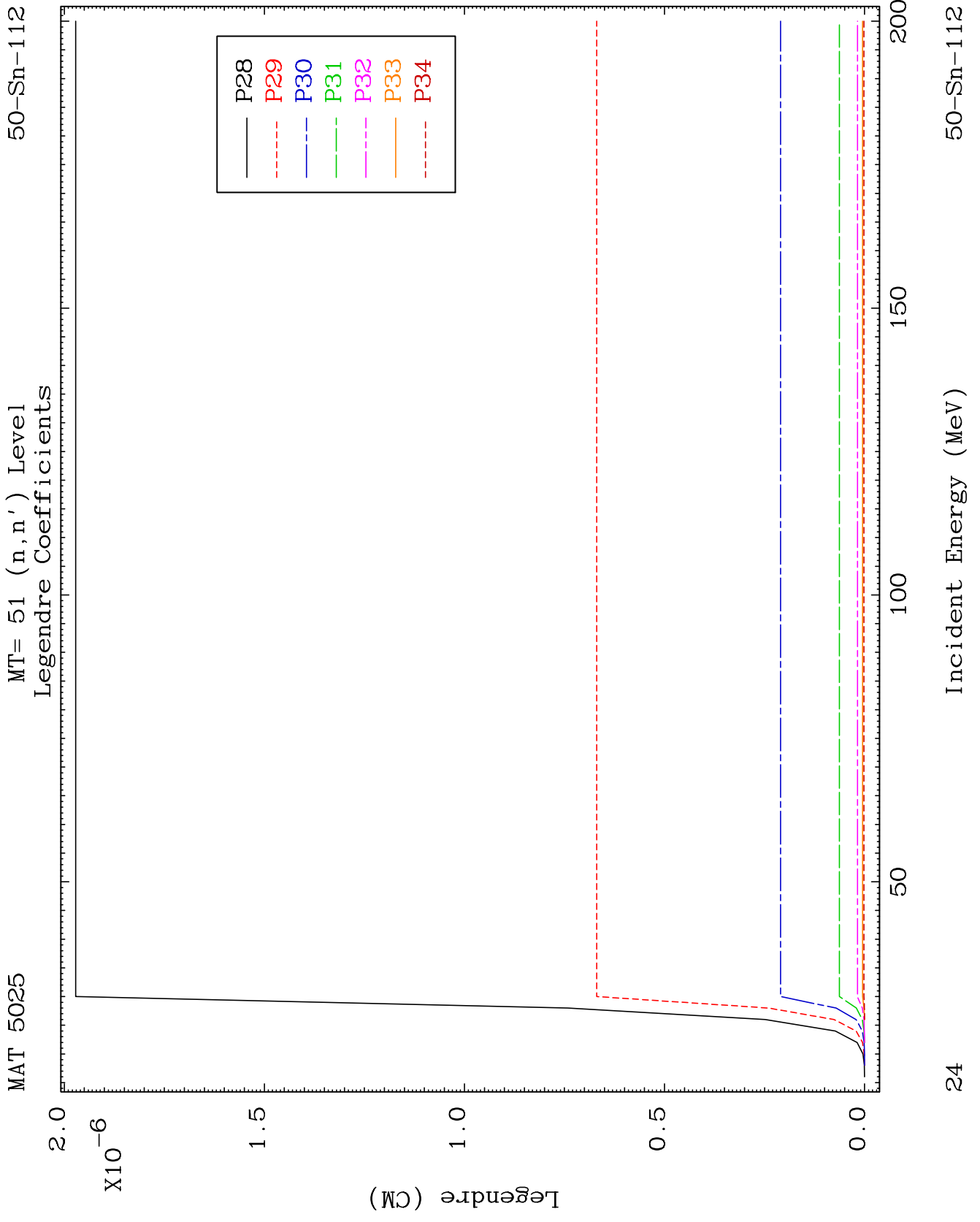
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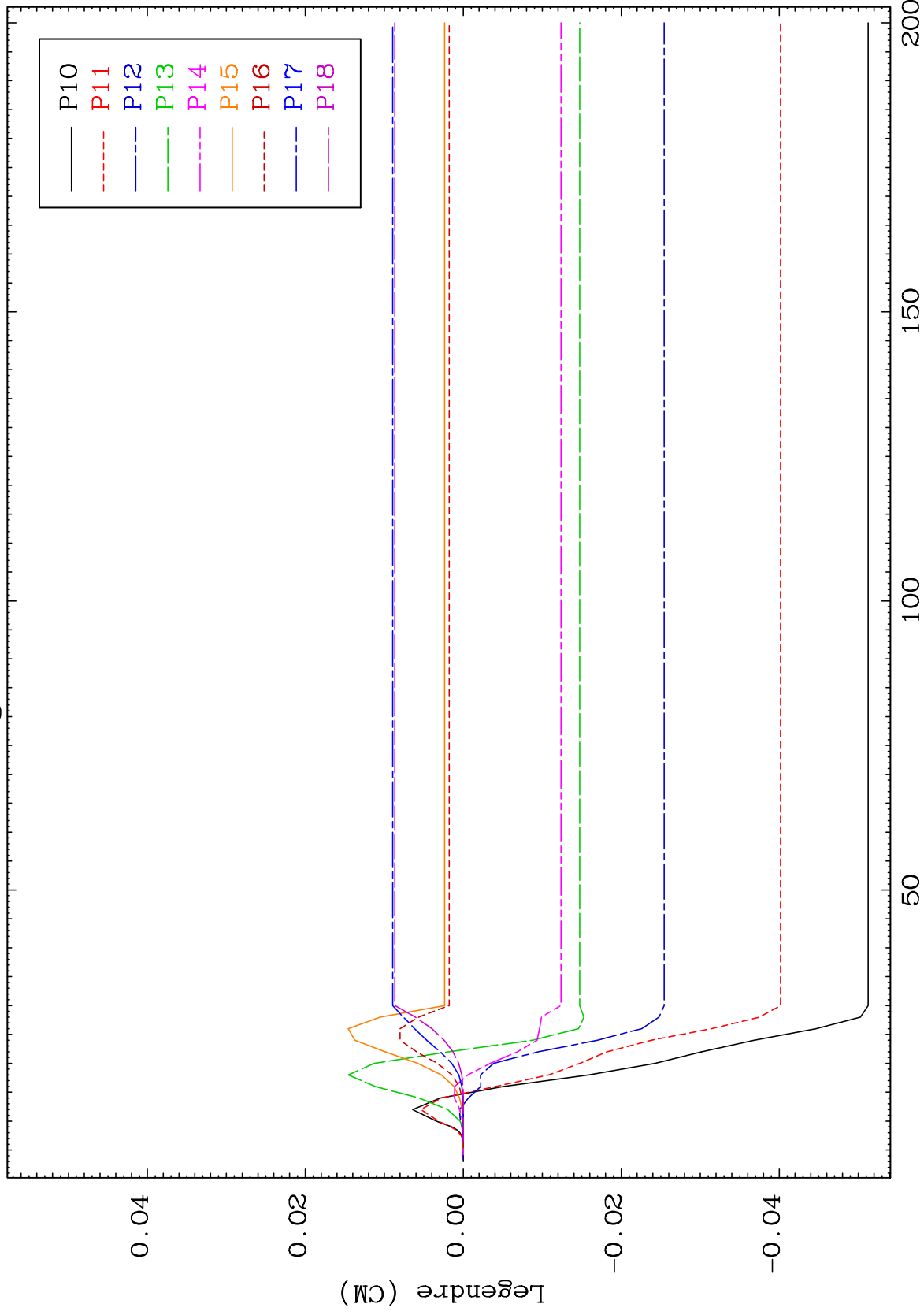




MAT 5025

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

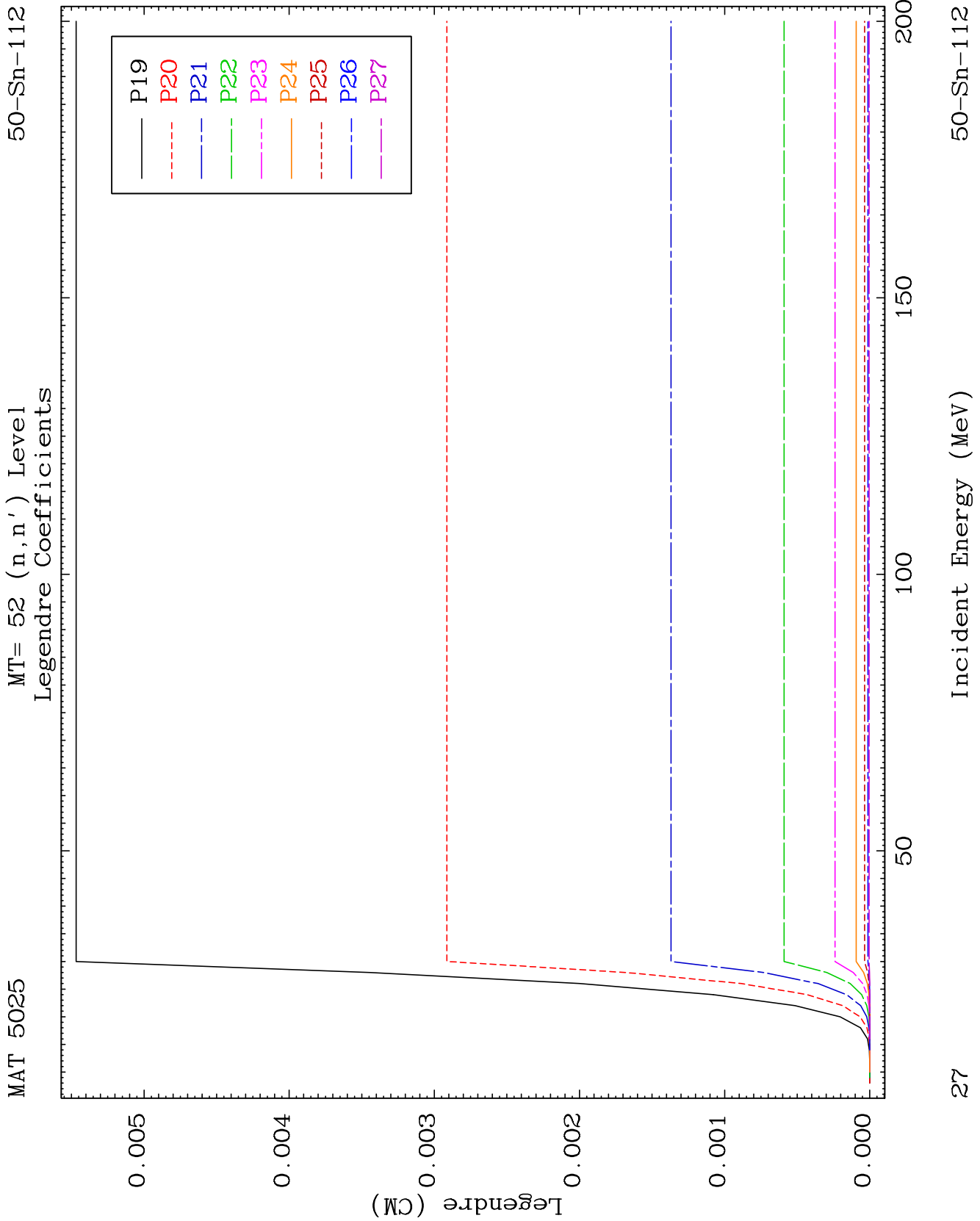
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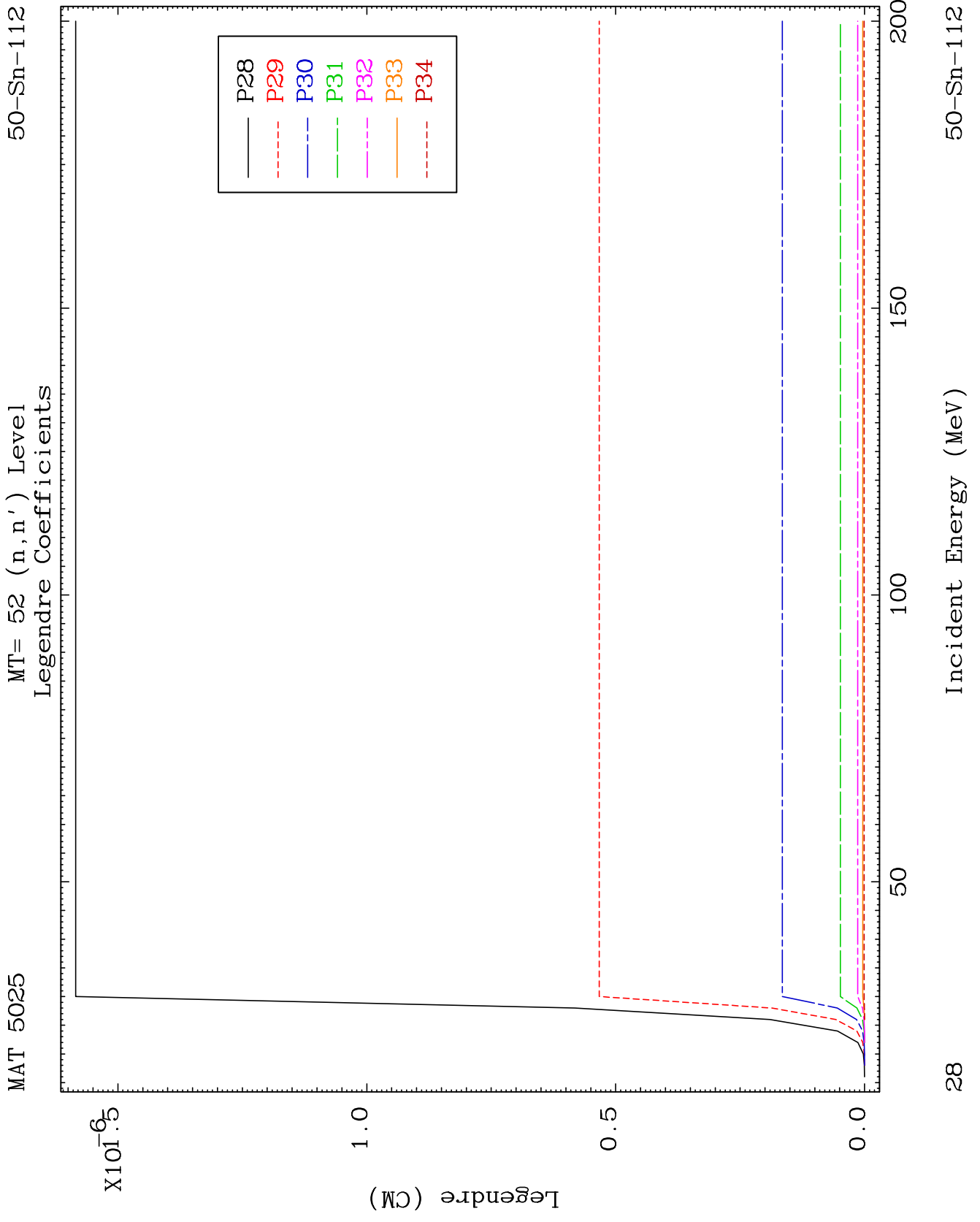


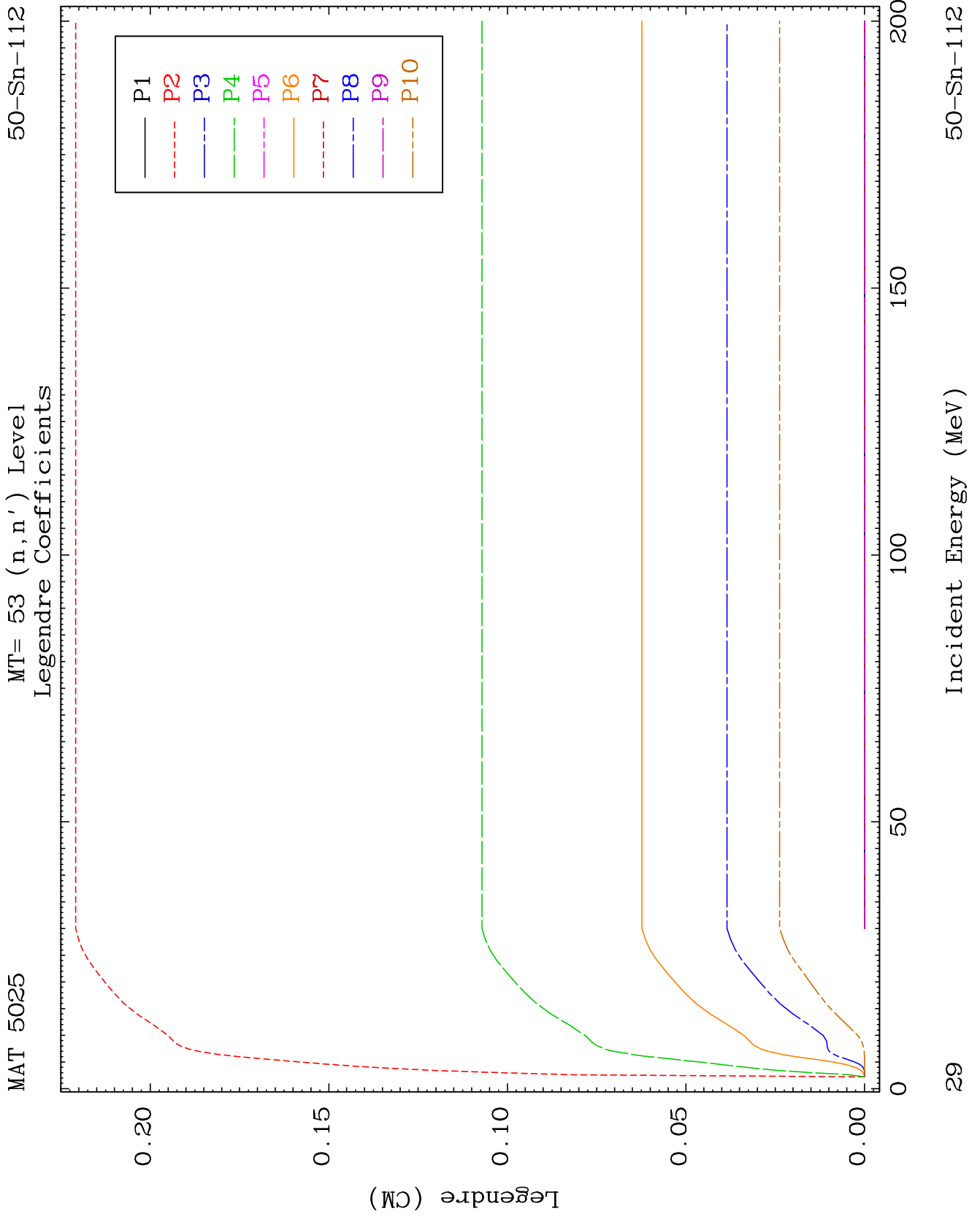
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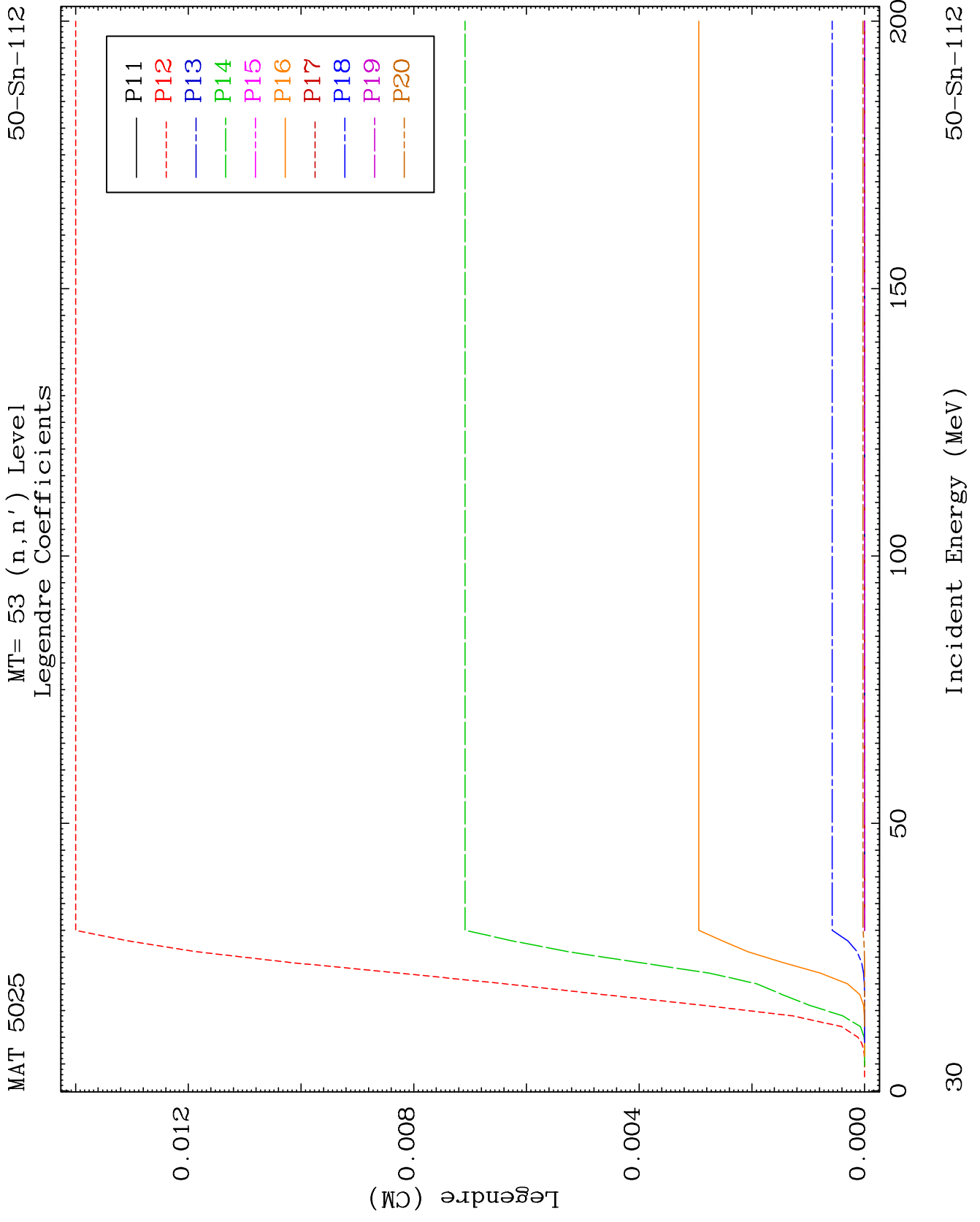
Incident Energy (MeV)

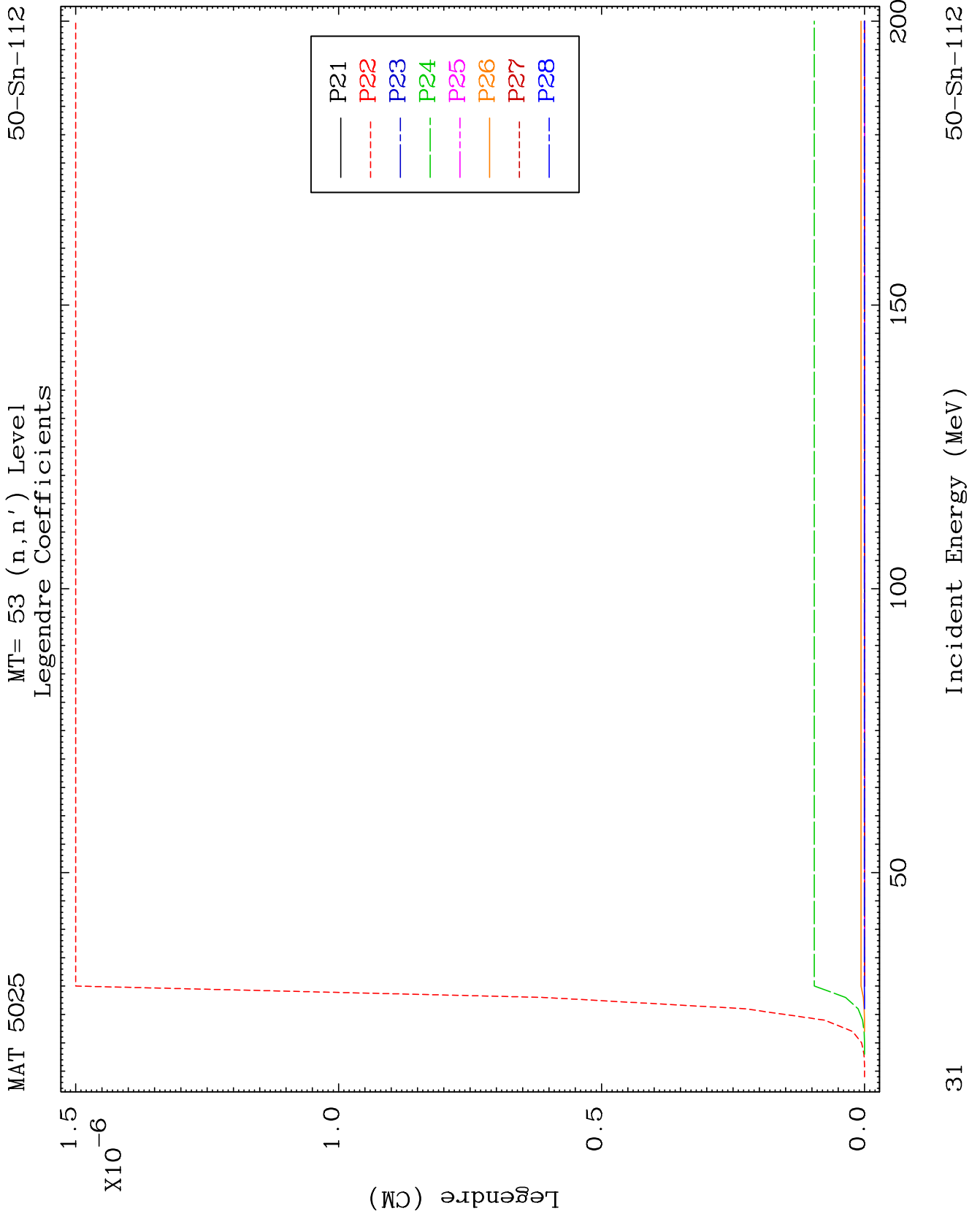
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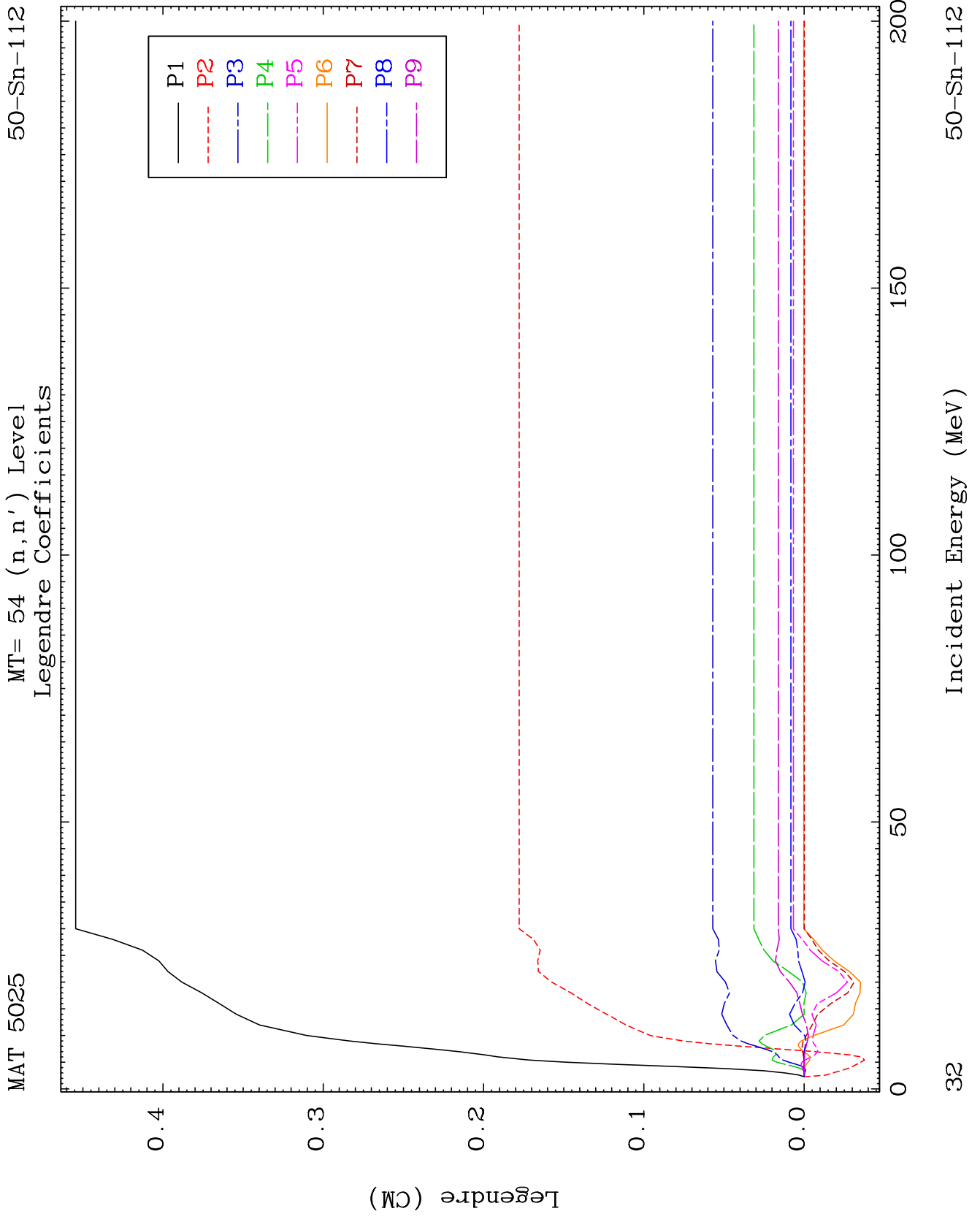


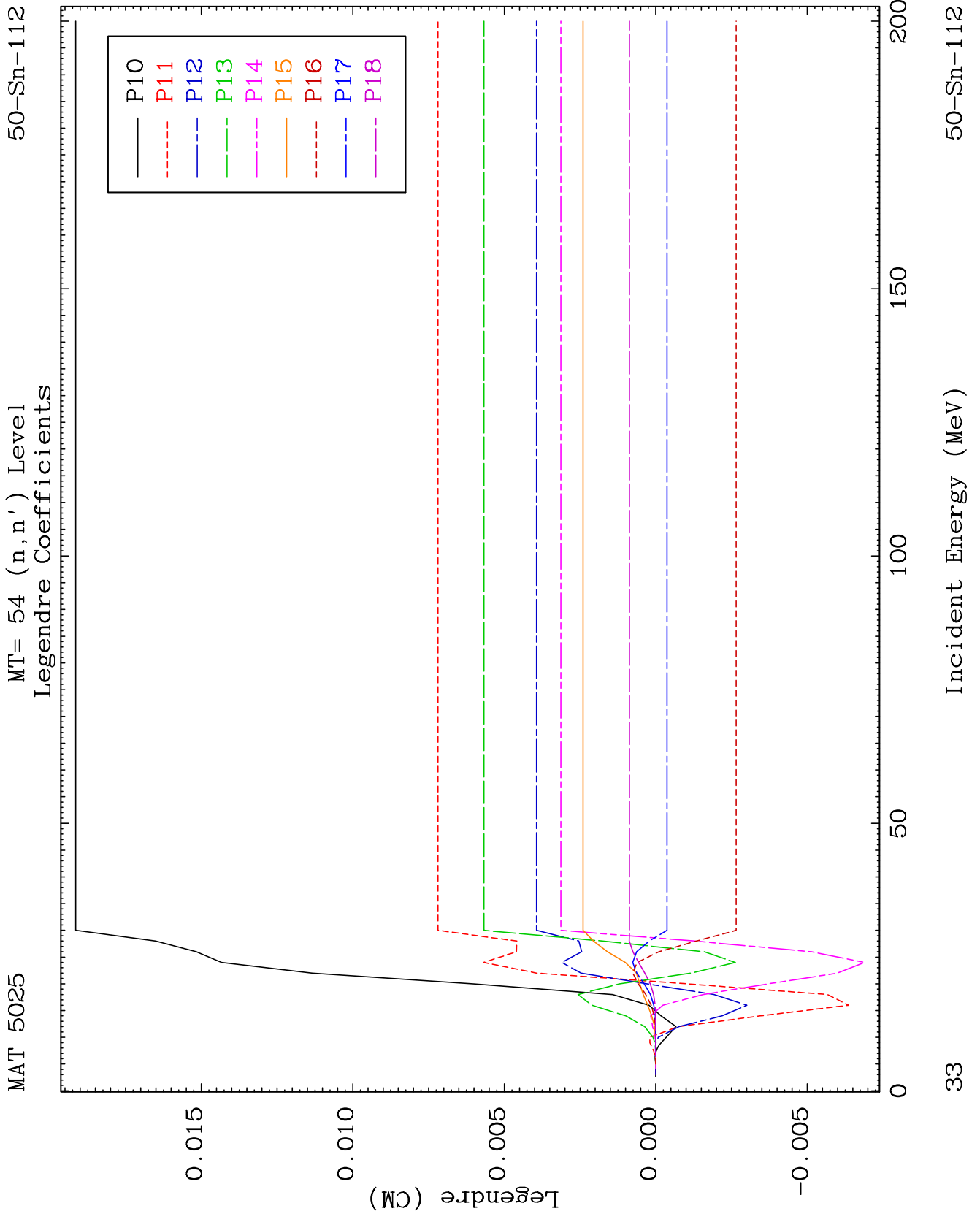








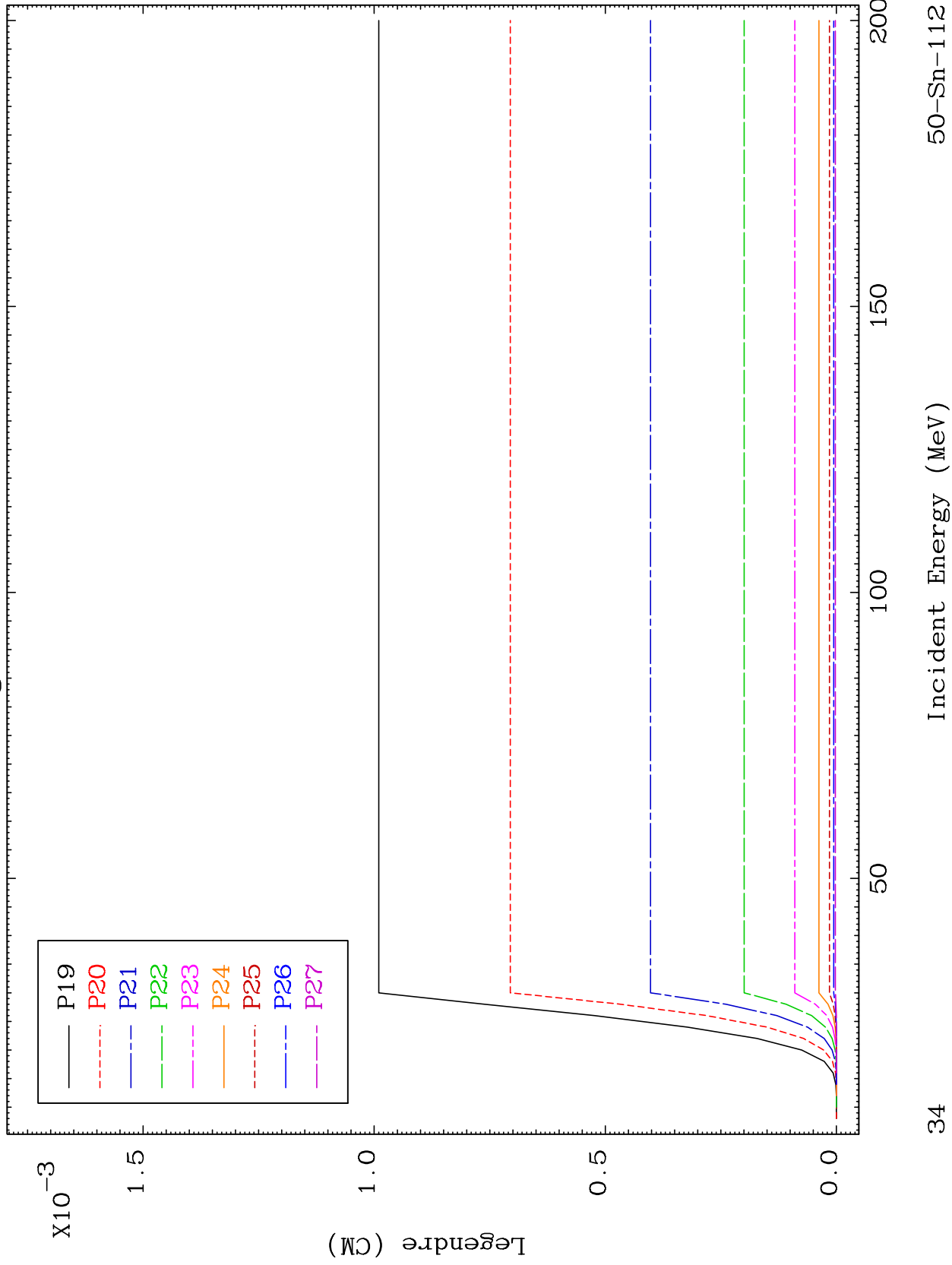


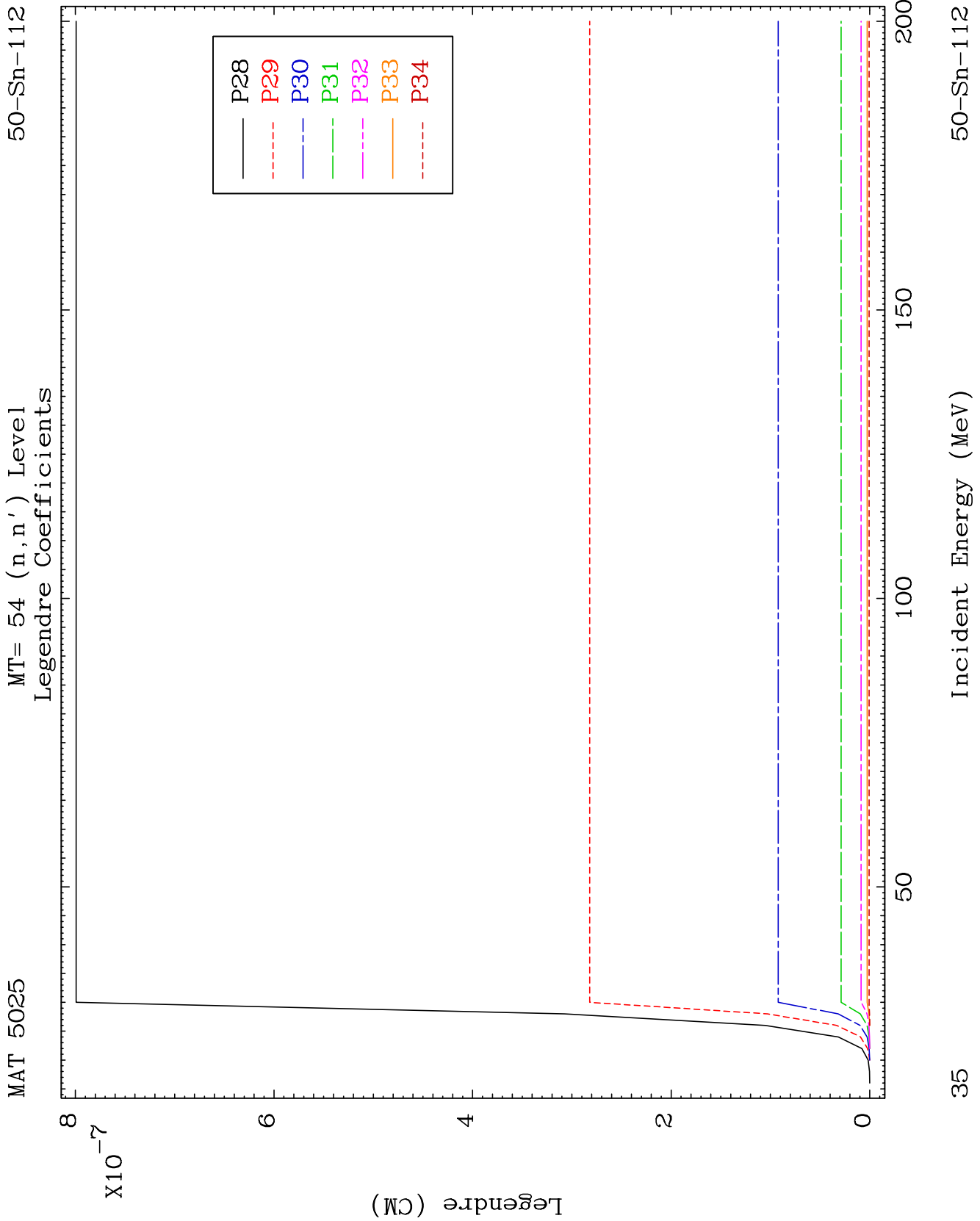


MAT 5025

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

50-Sn-112

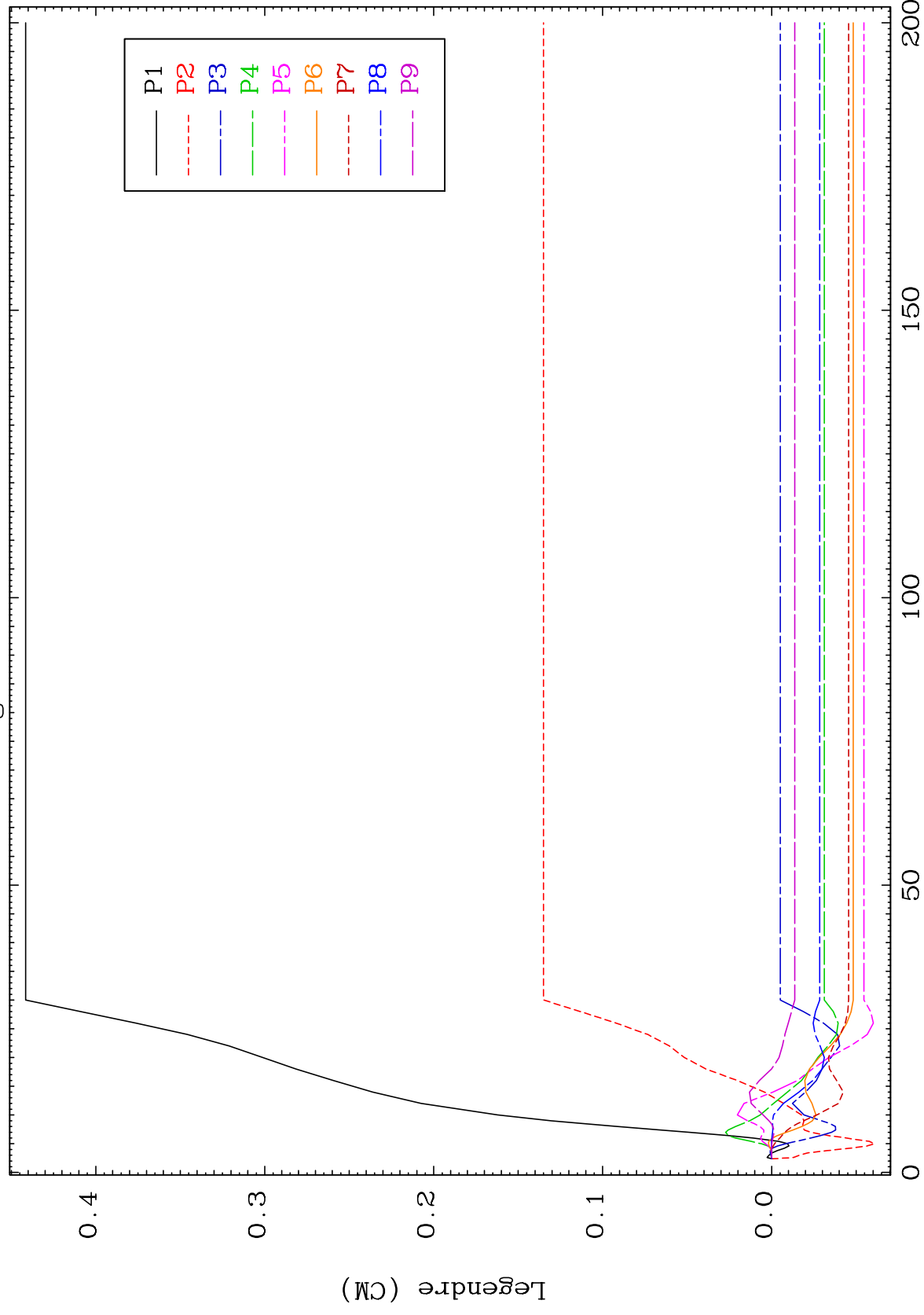




MAT 5025

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

50-Sn-112

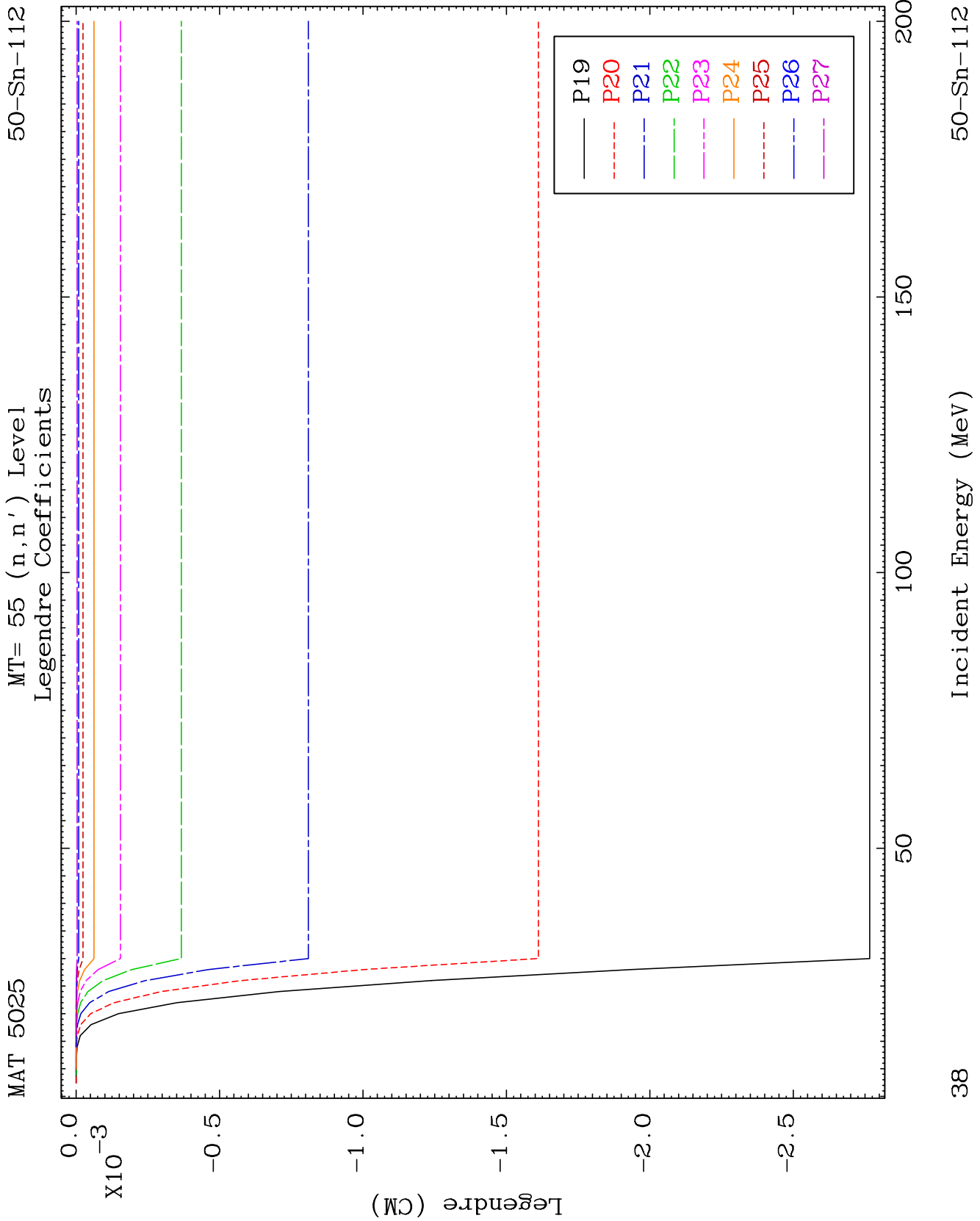


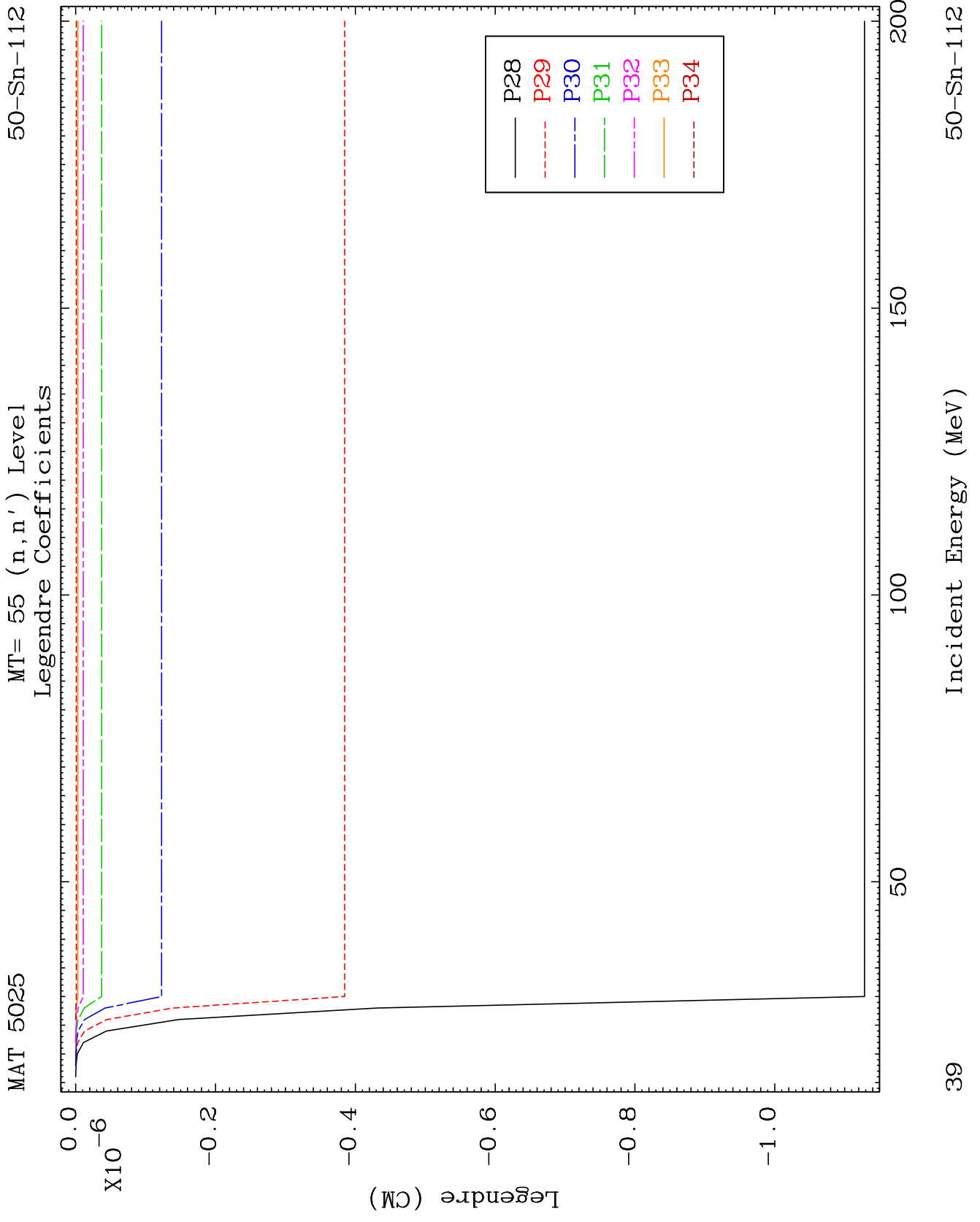
36

Incident Energy (MeV)

50-Sn-112

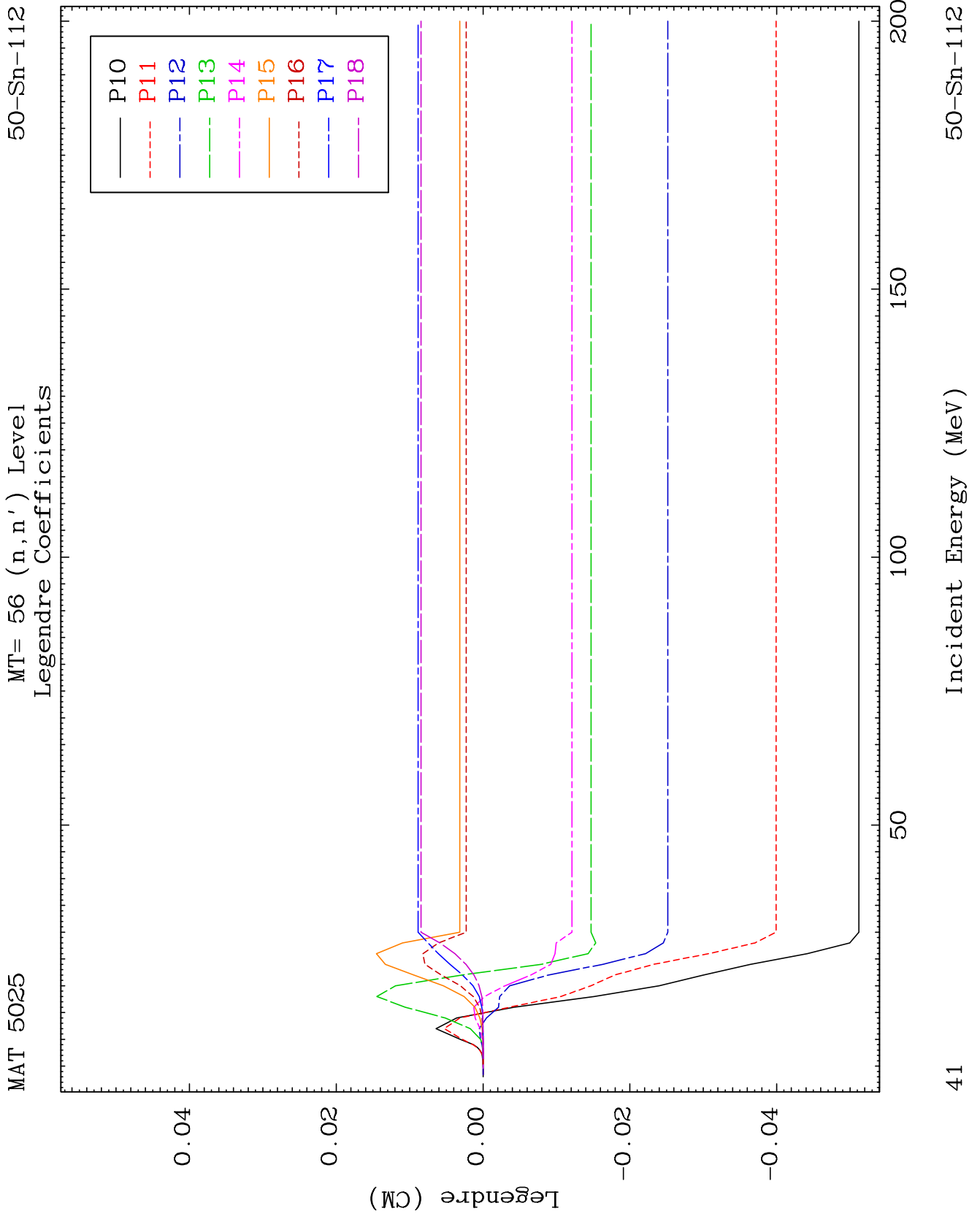


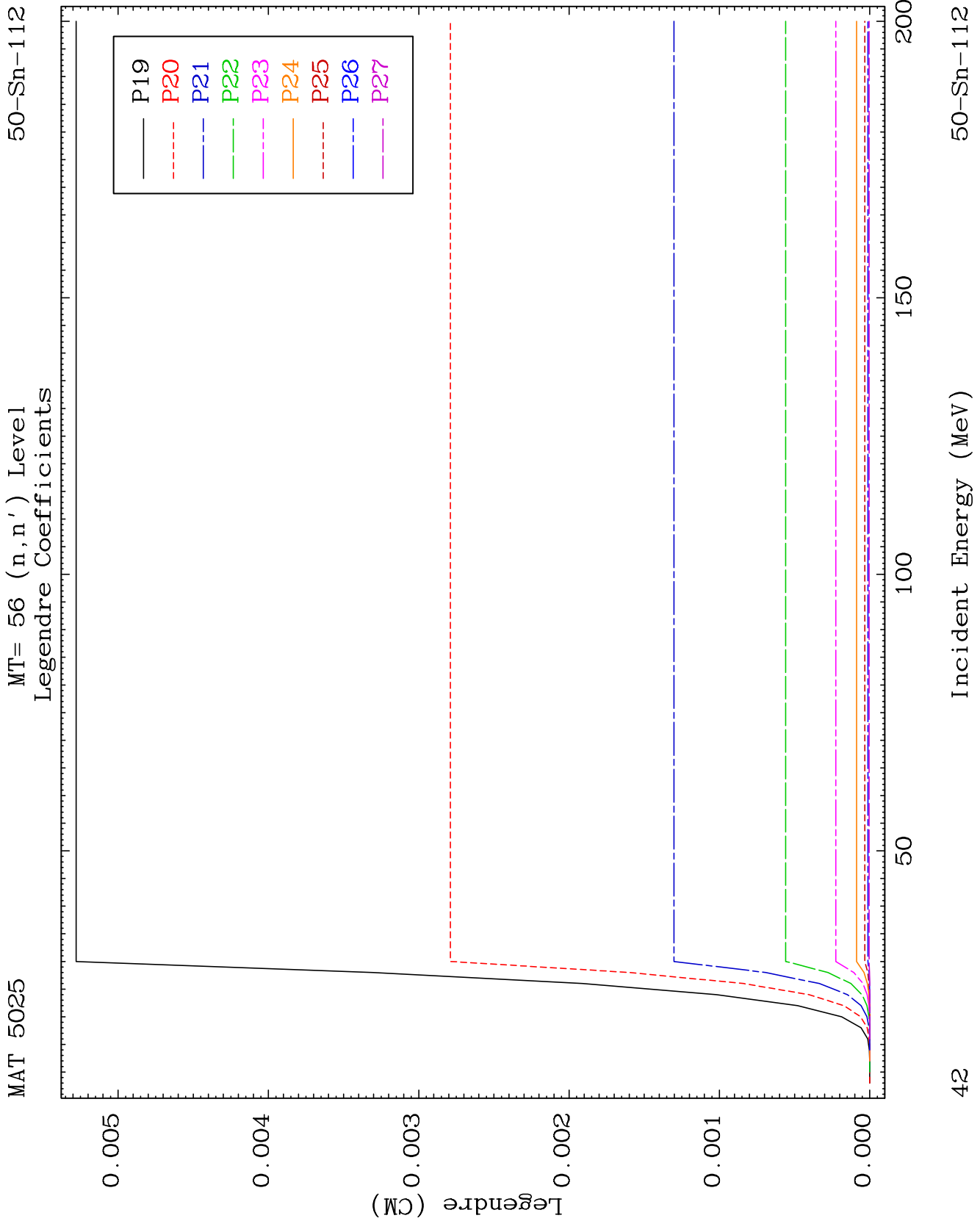








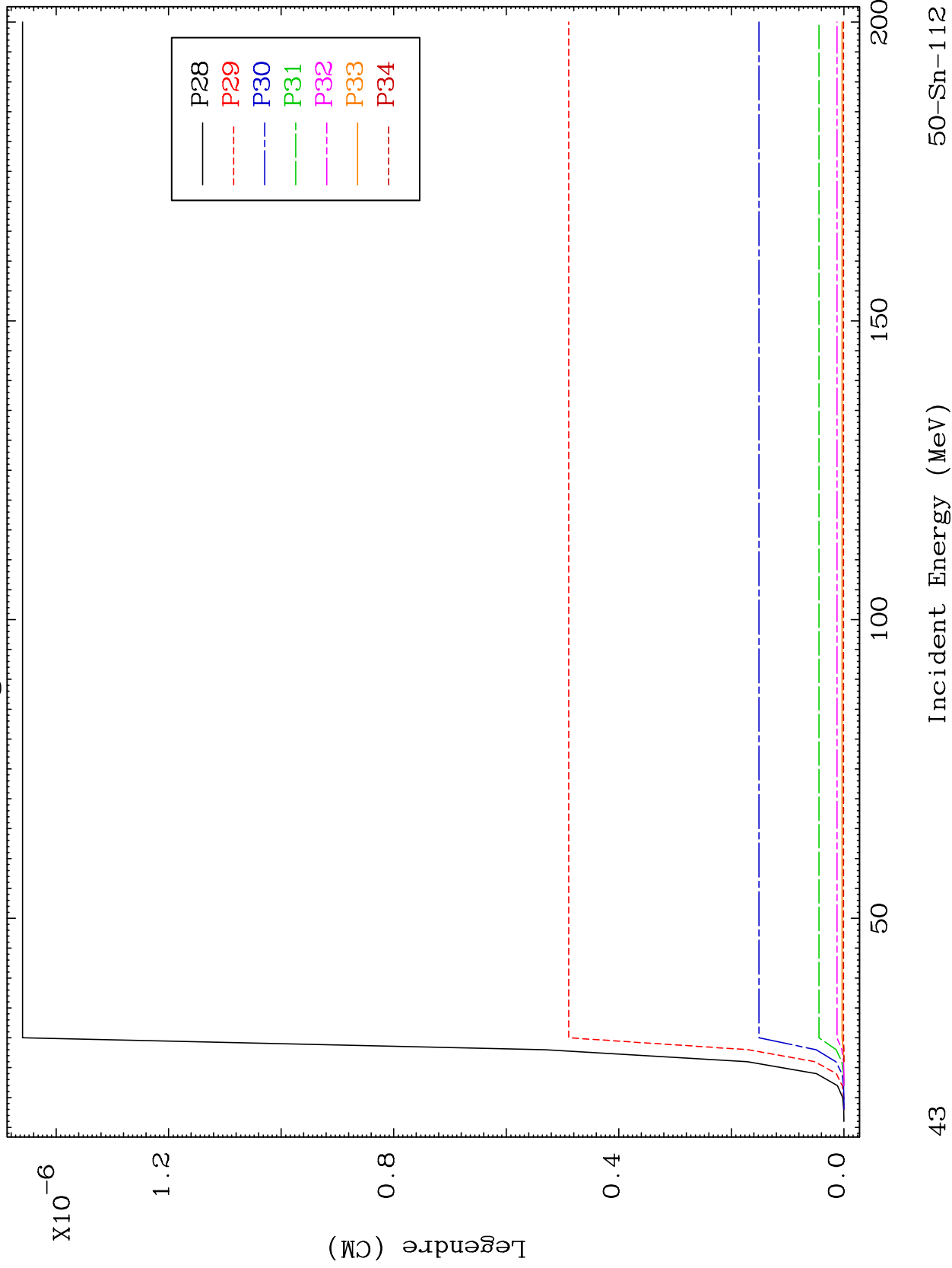




MAT 5025

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Legendre Coefficients

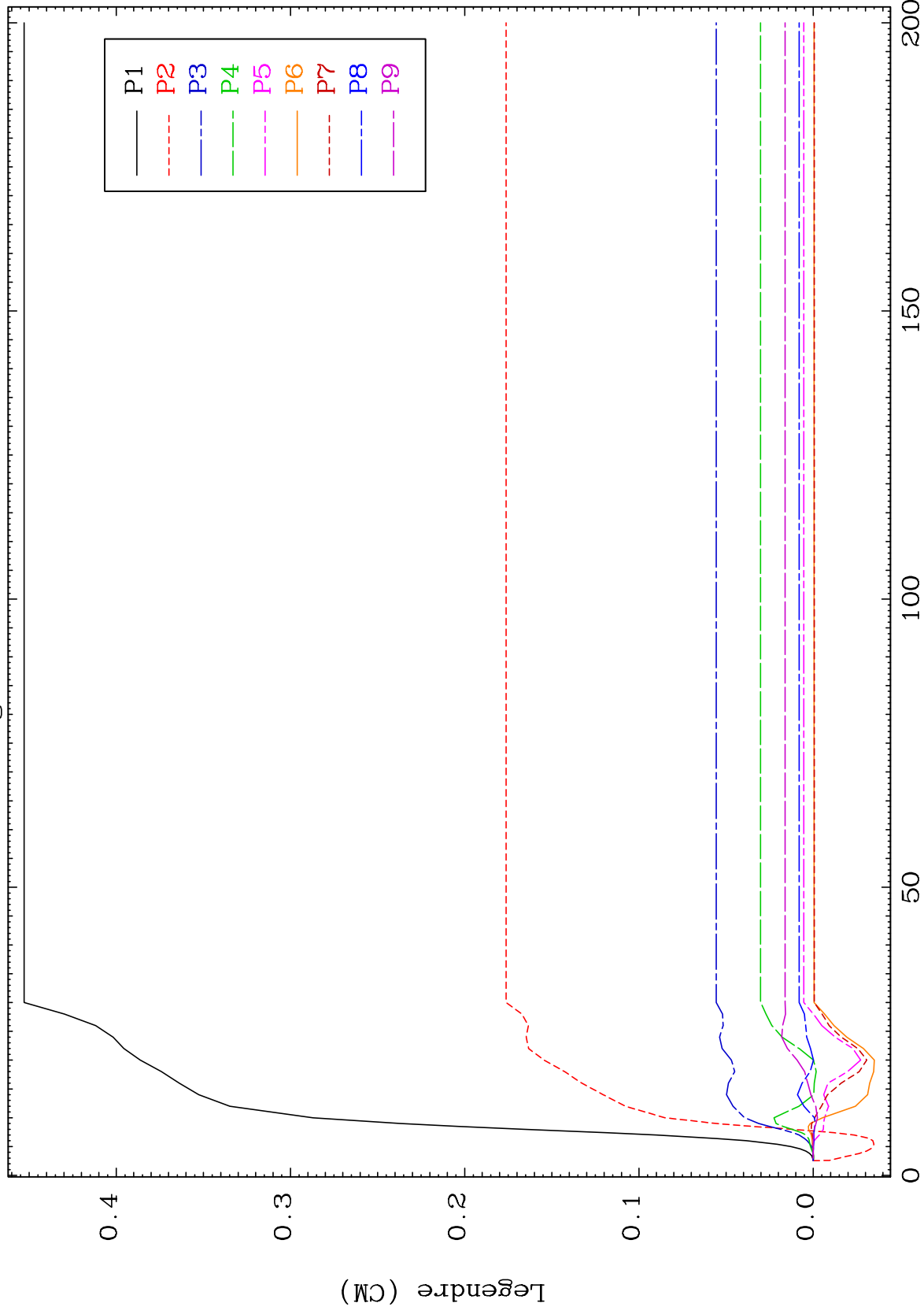
50-Sn-112



MAT 5025

MT= 57 (n,n') Level  
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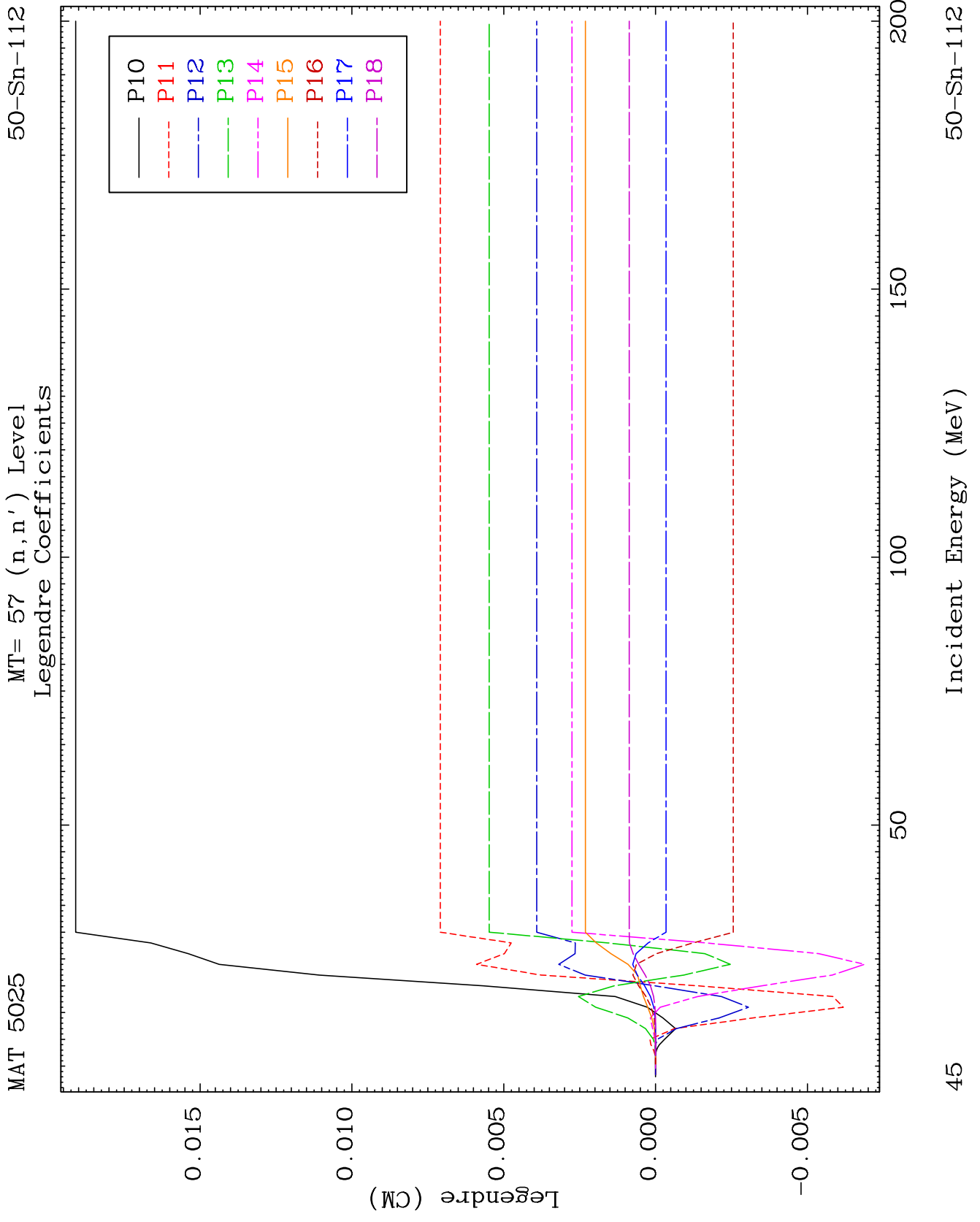
50-Sn-112



44

Incident Energy (MeV)

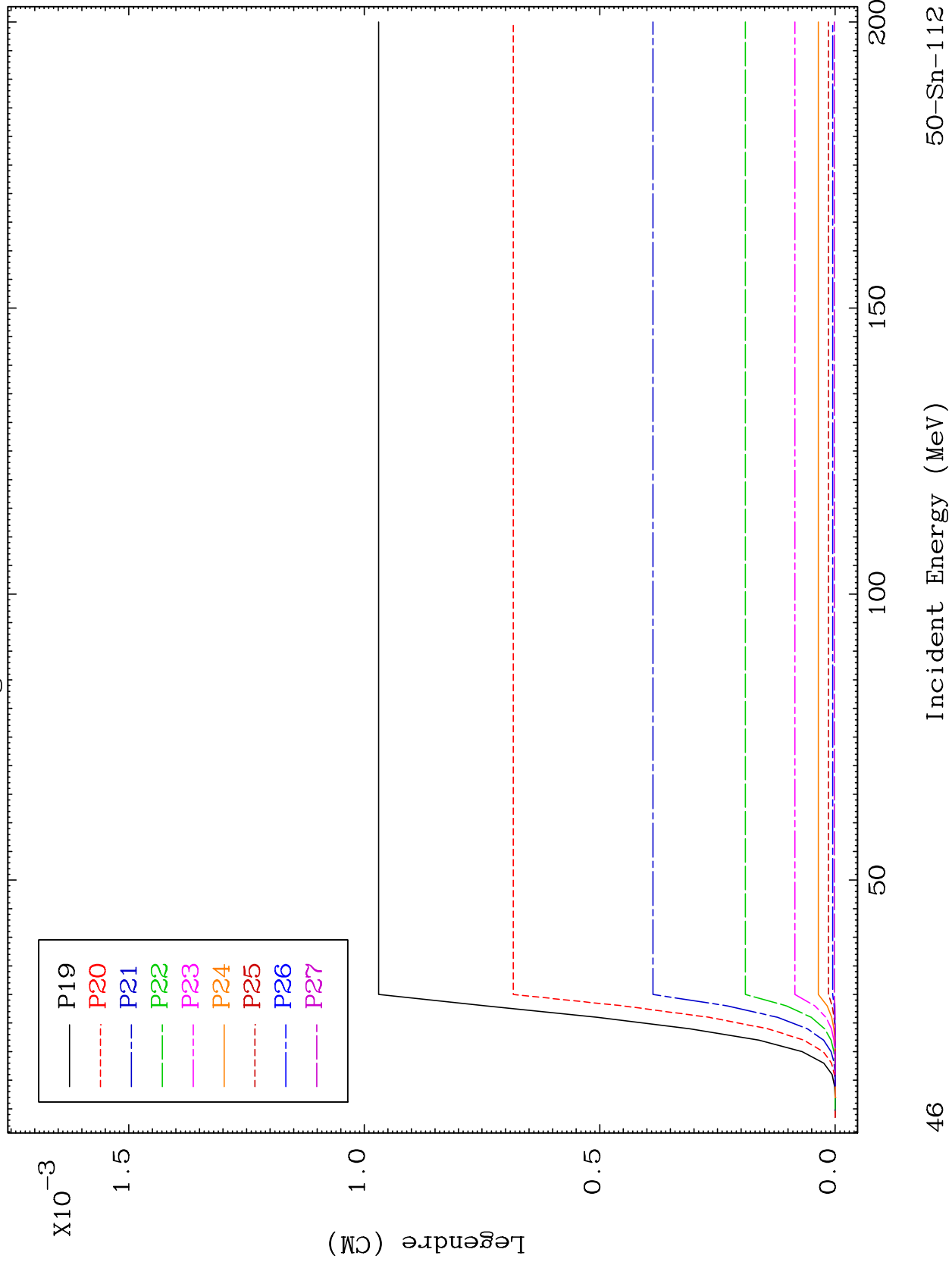
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MAT 5025

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

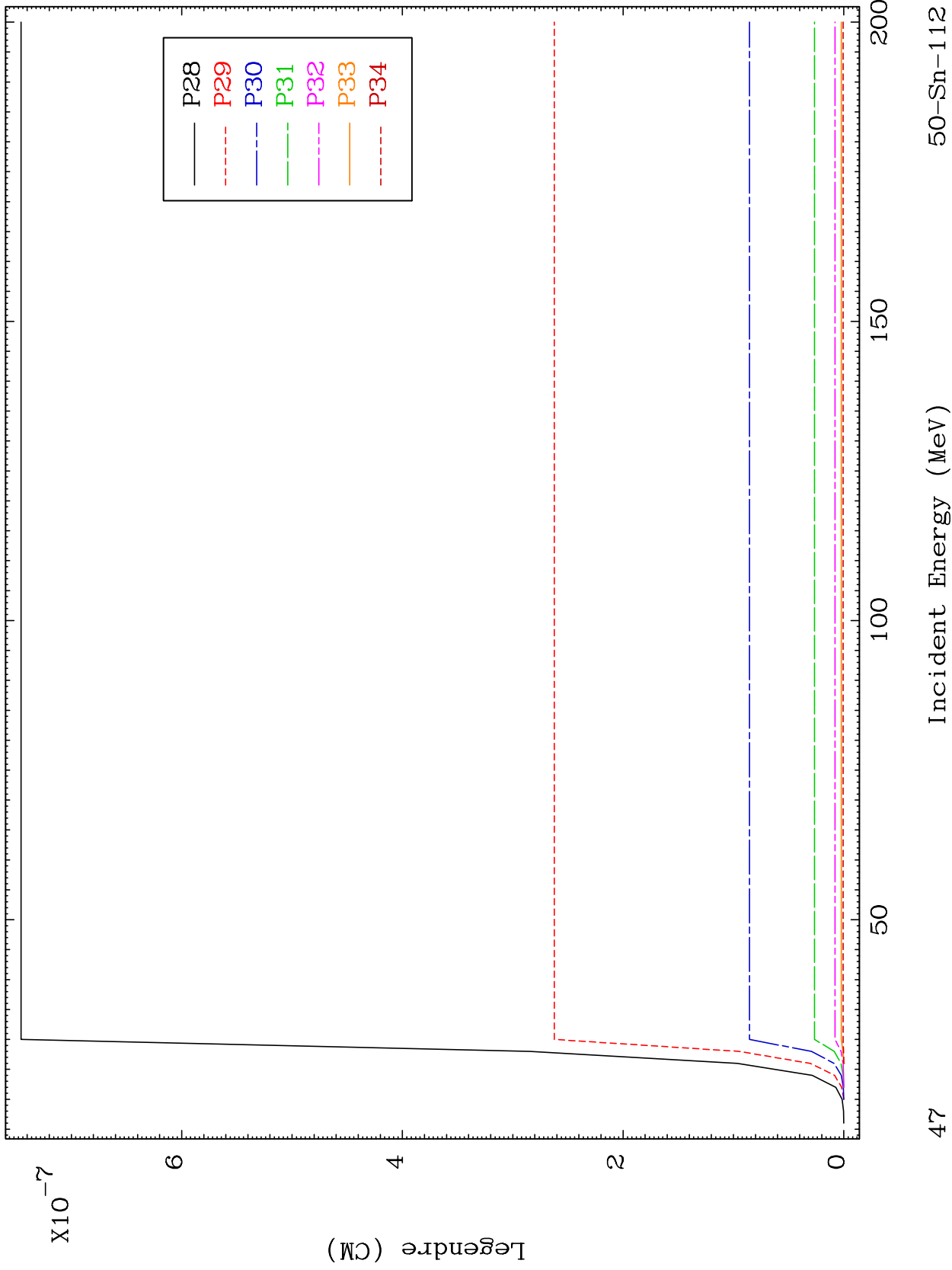
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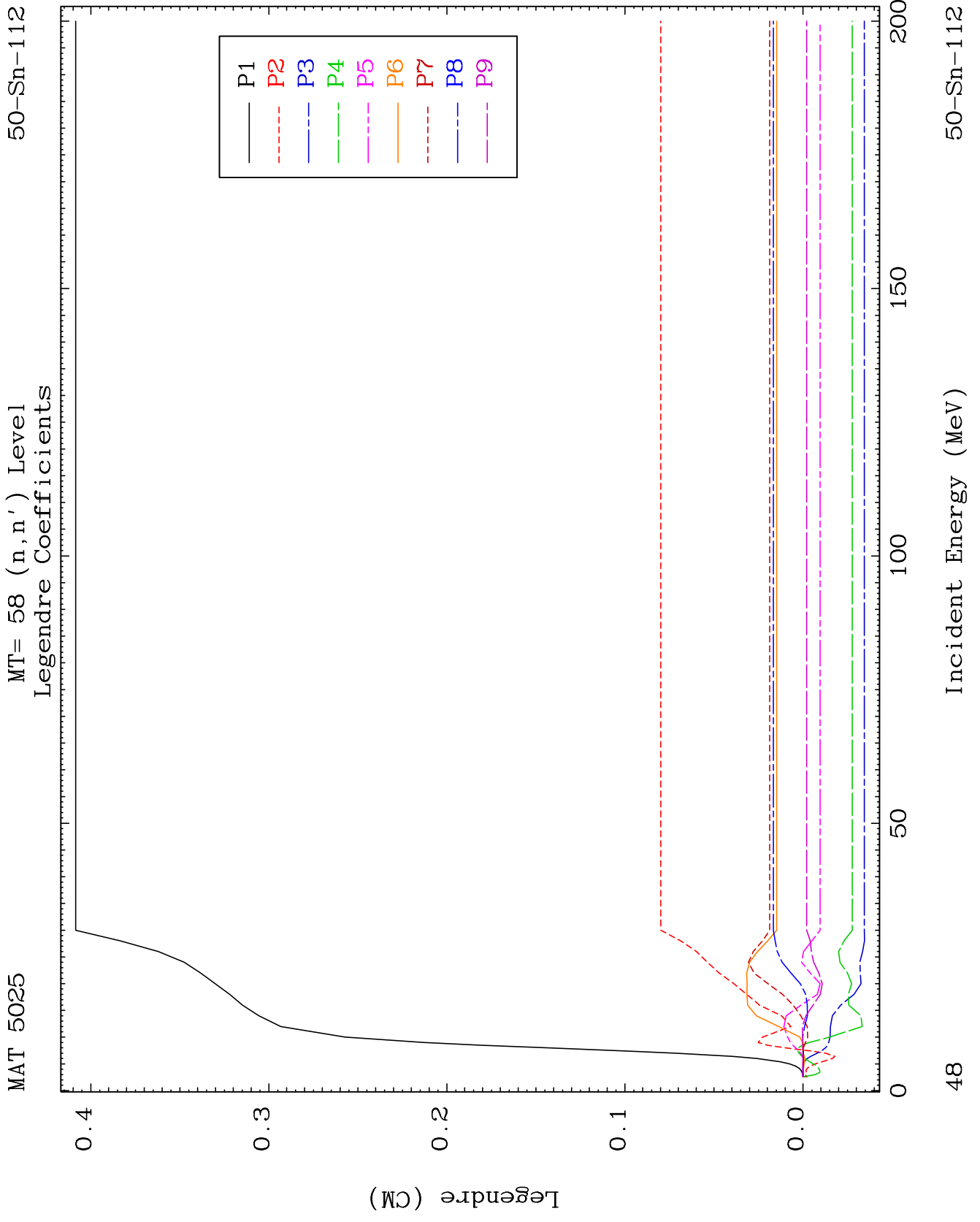
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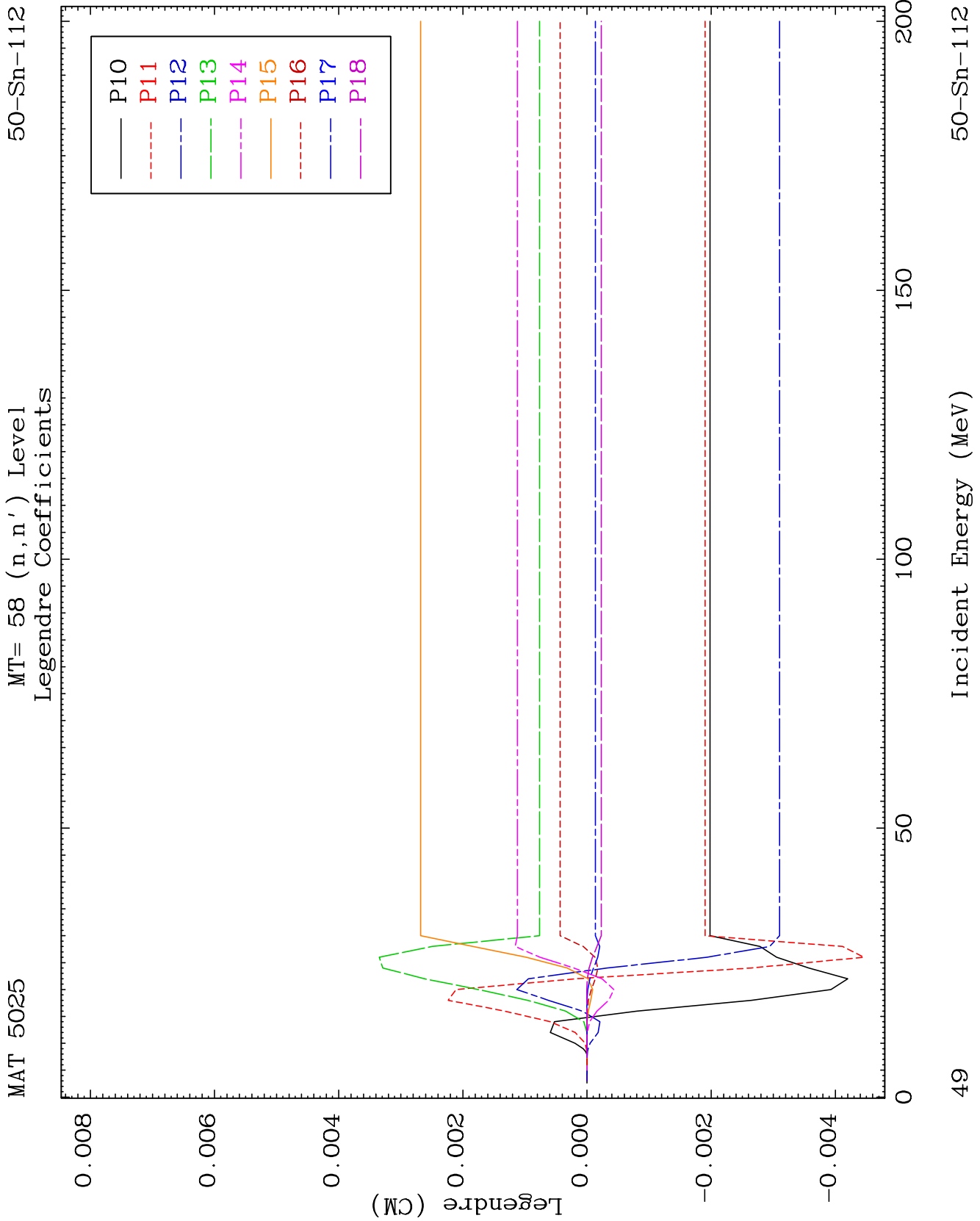
MT= 57 (n,n') Level  
Legendre Coefficients

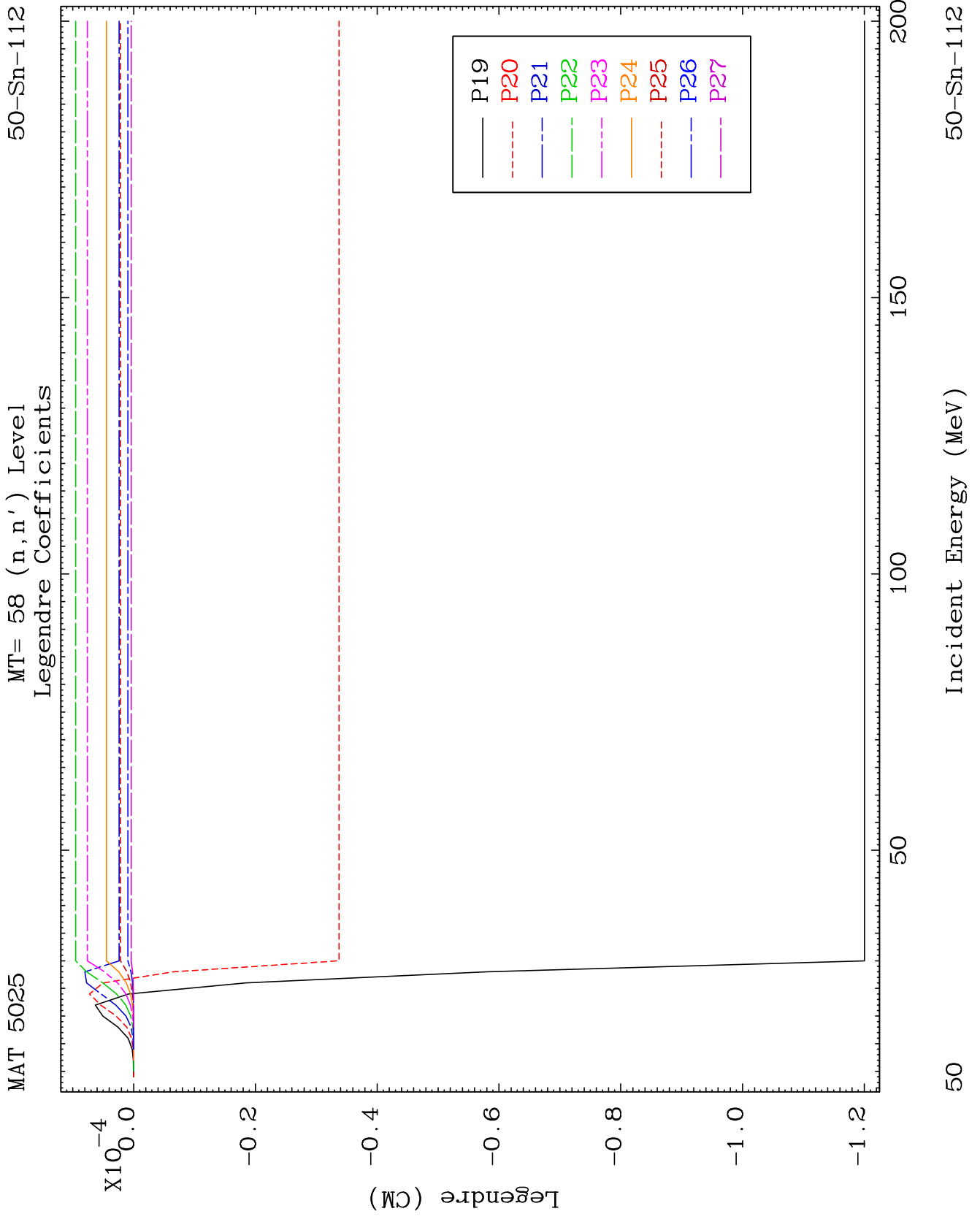
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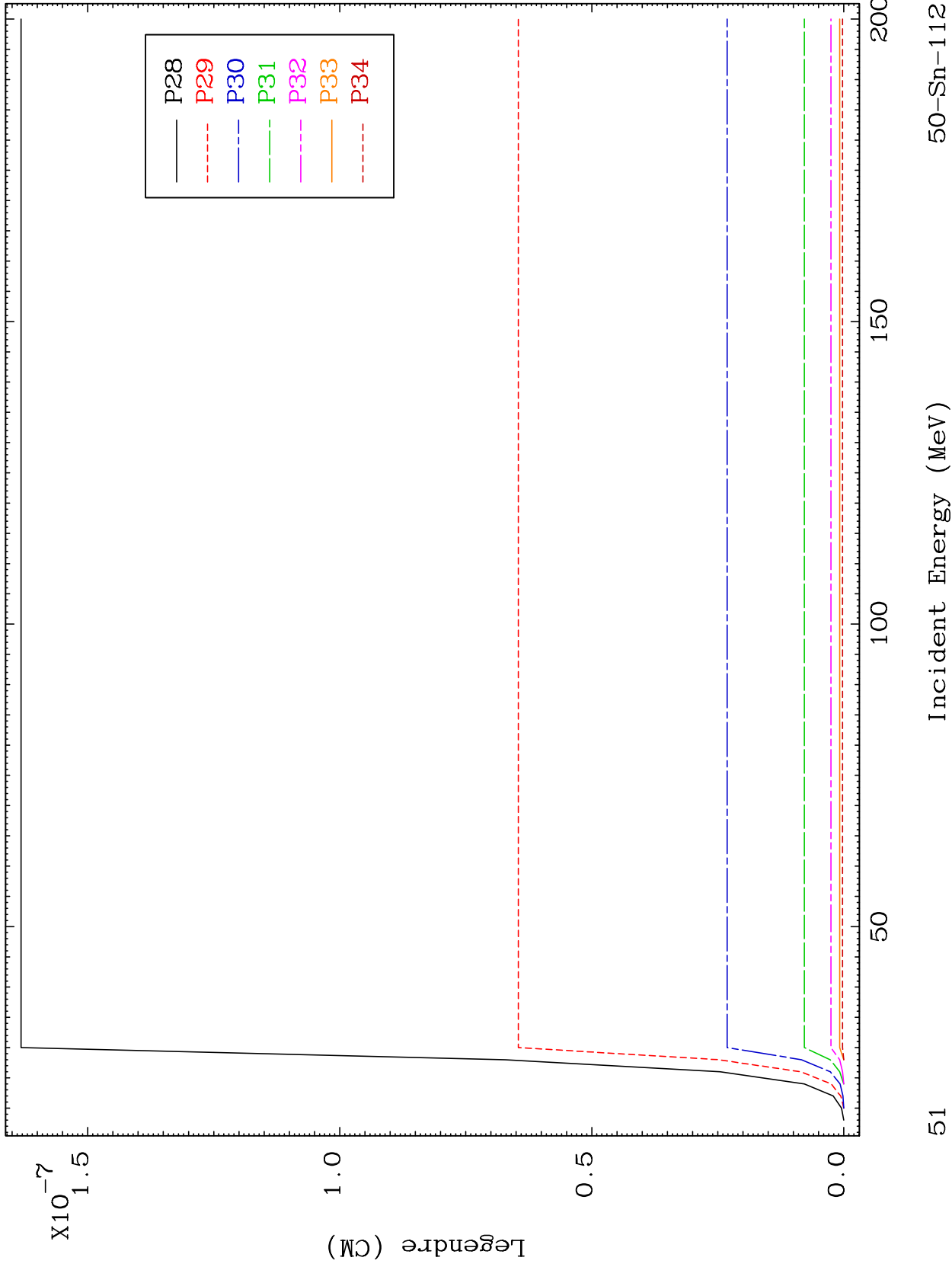




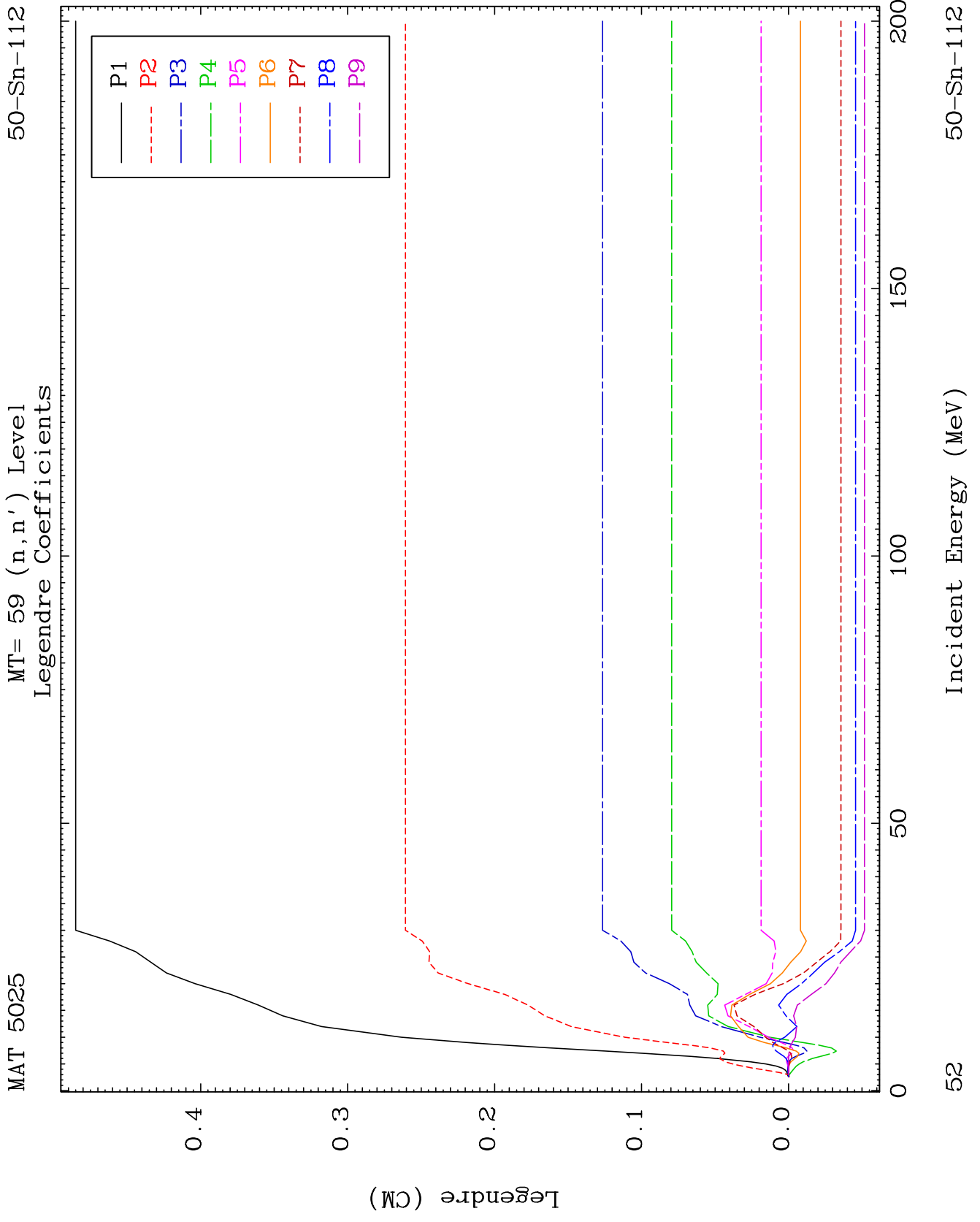
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Legendre Coefficients

50-Sn-112



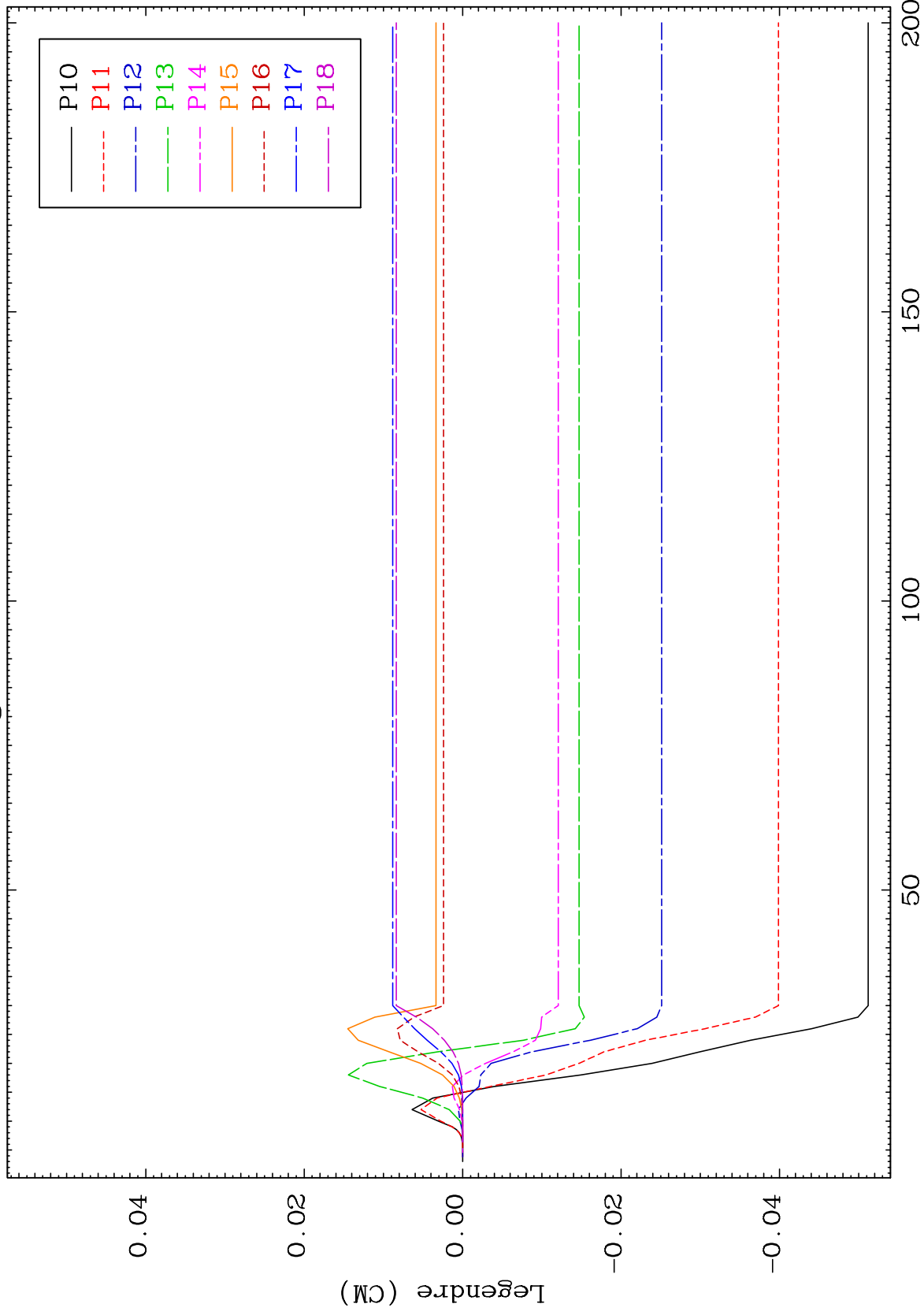
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MAT 5025

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

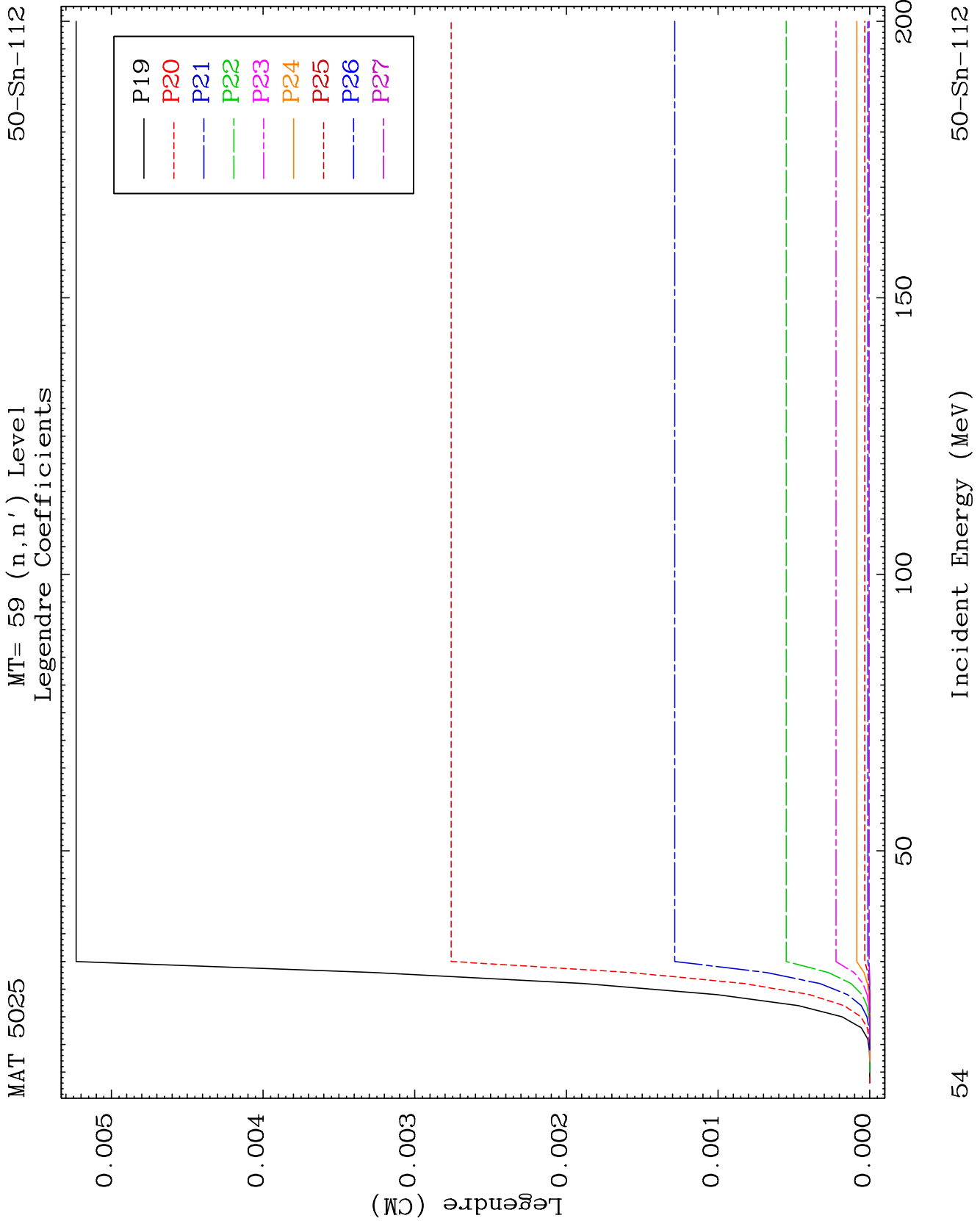
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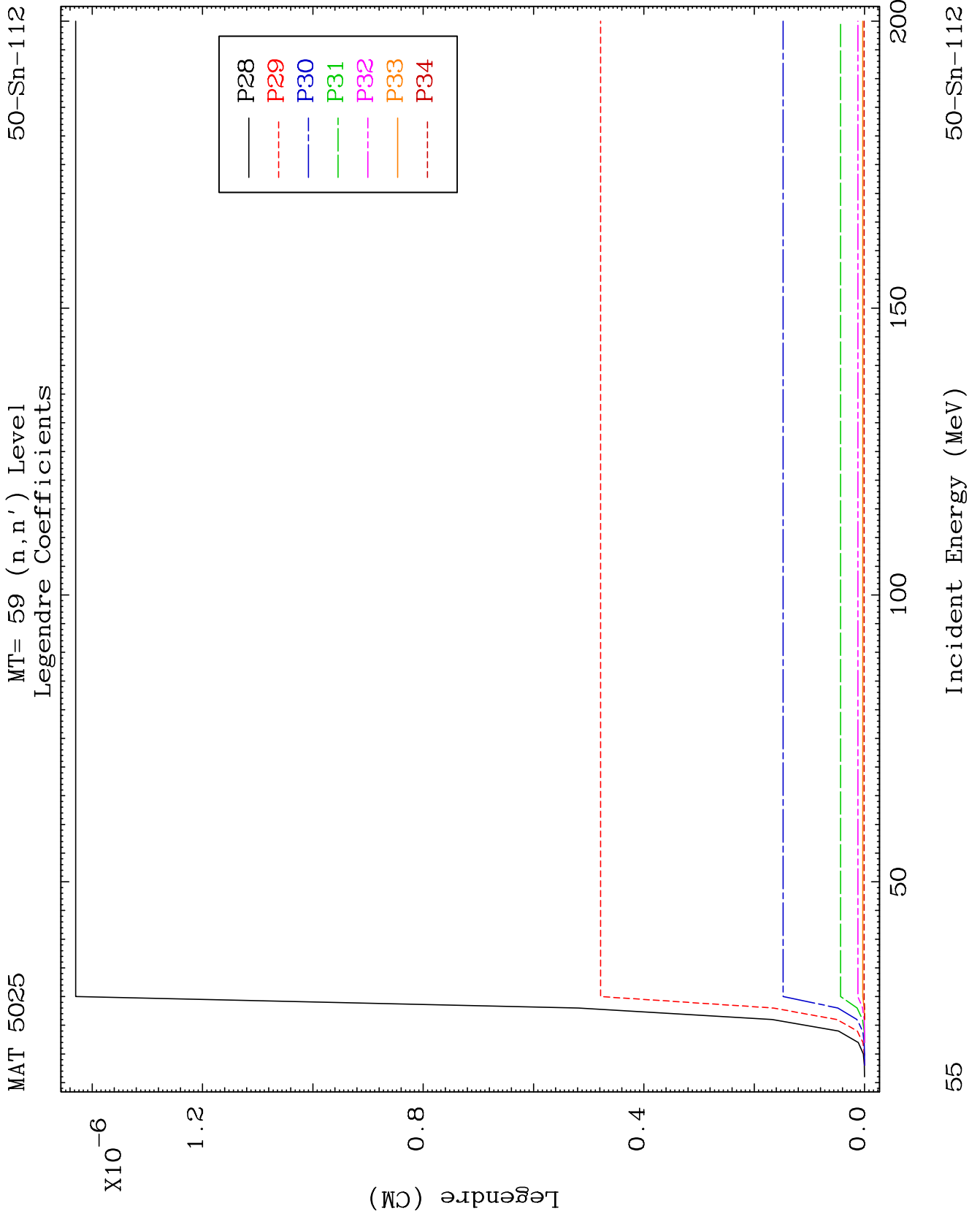


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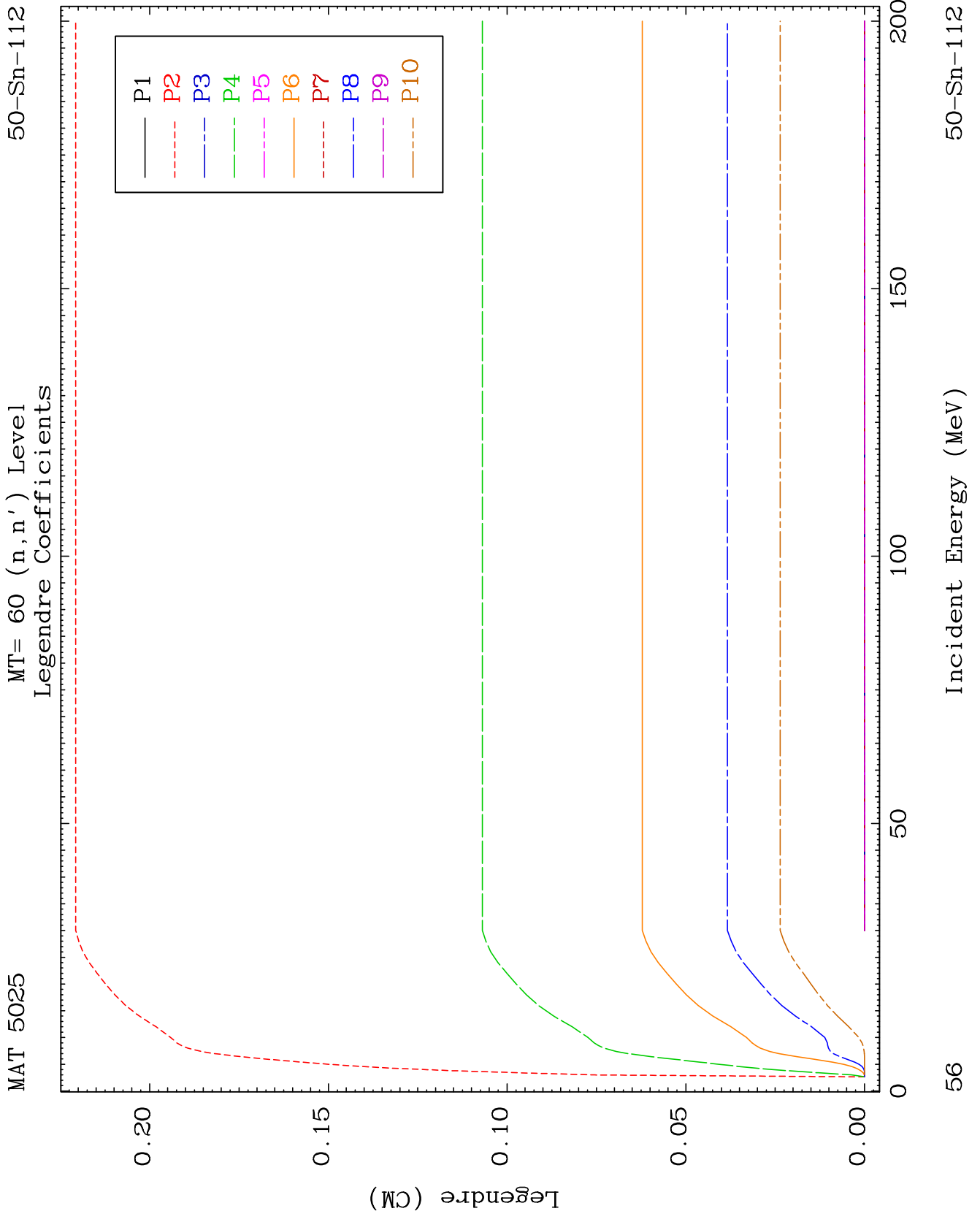
Incident Energy (MeV)

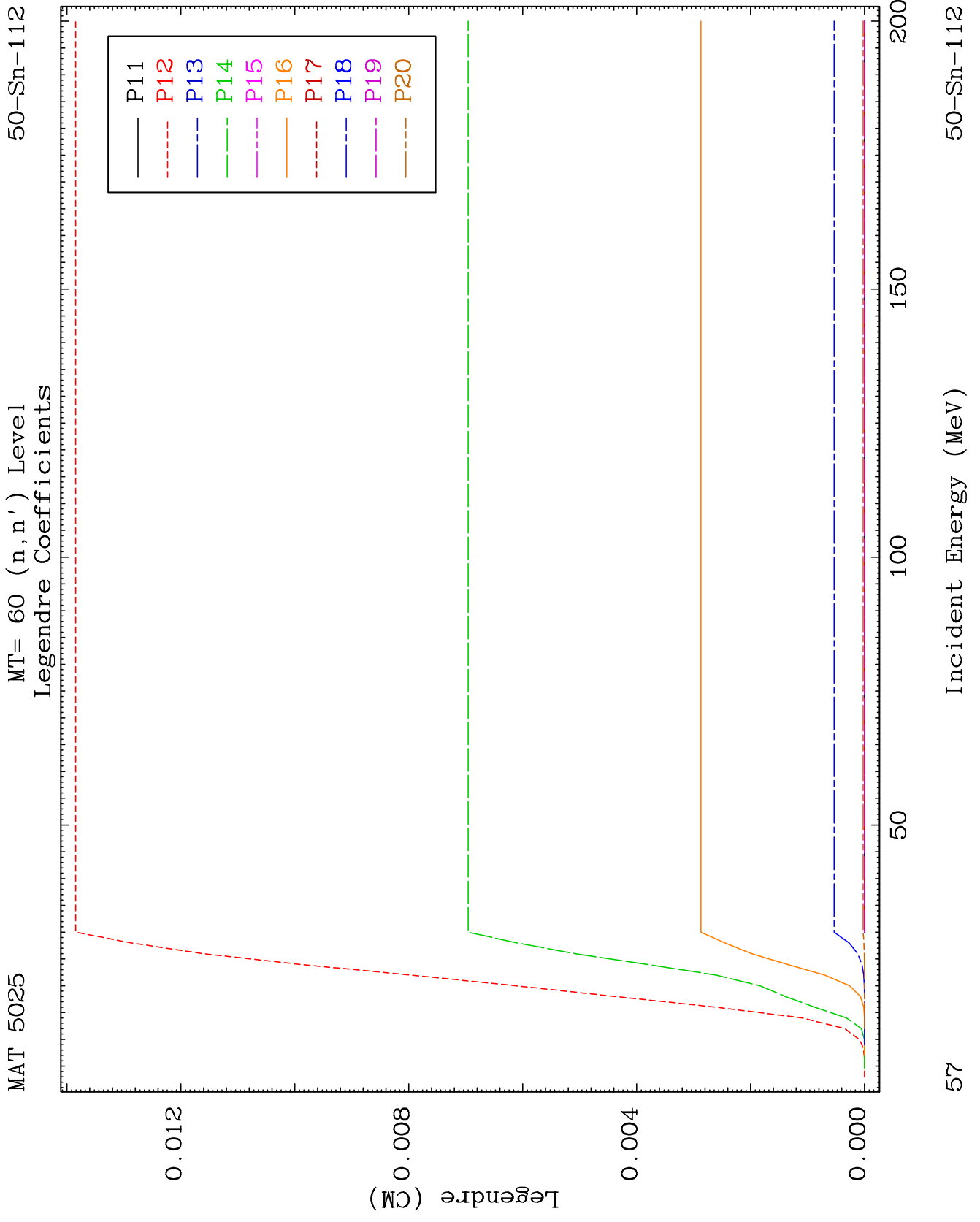
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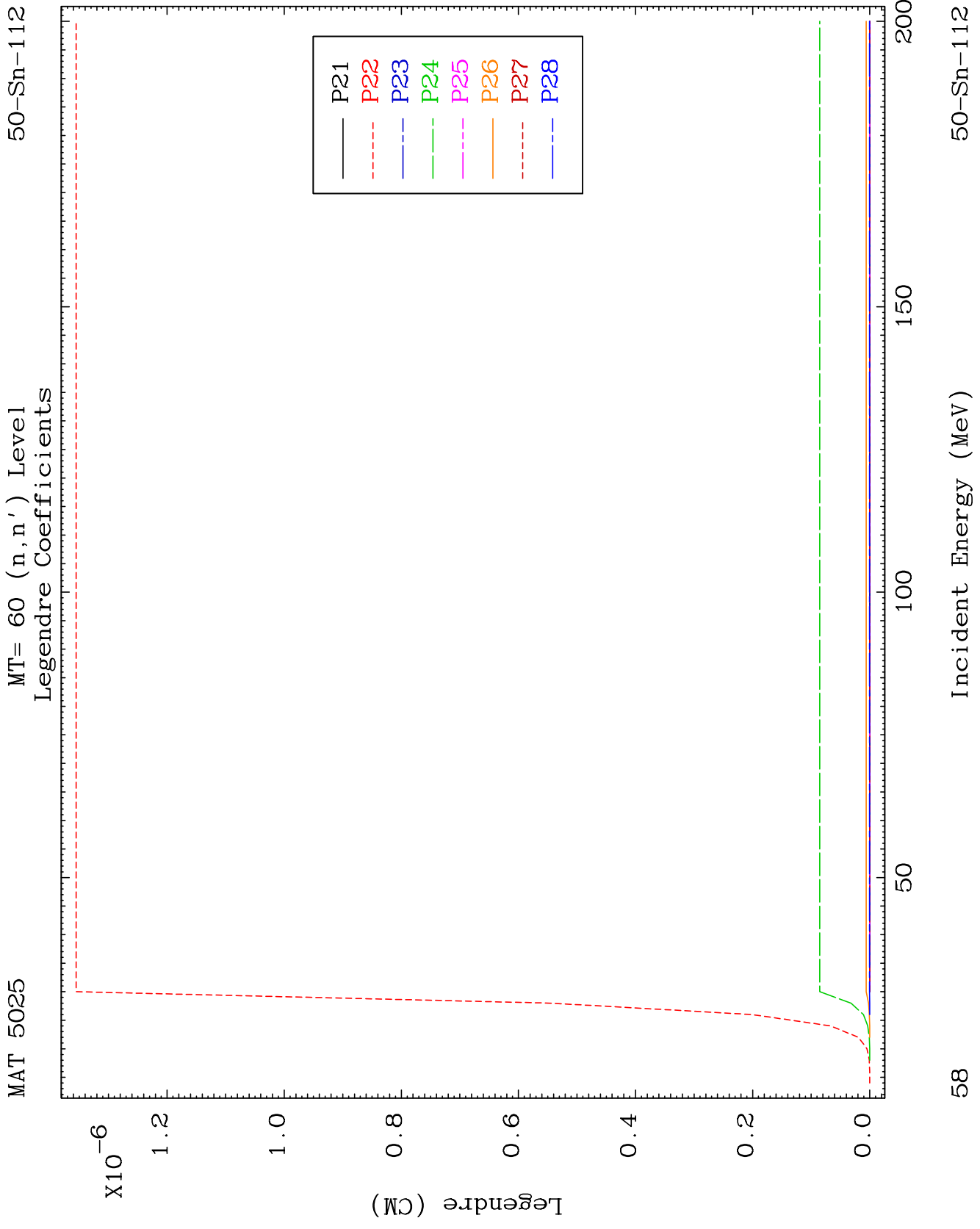


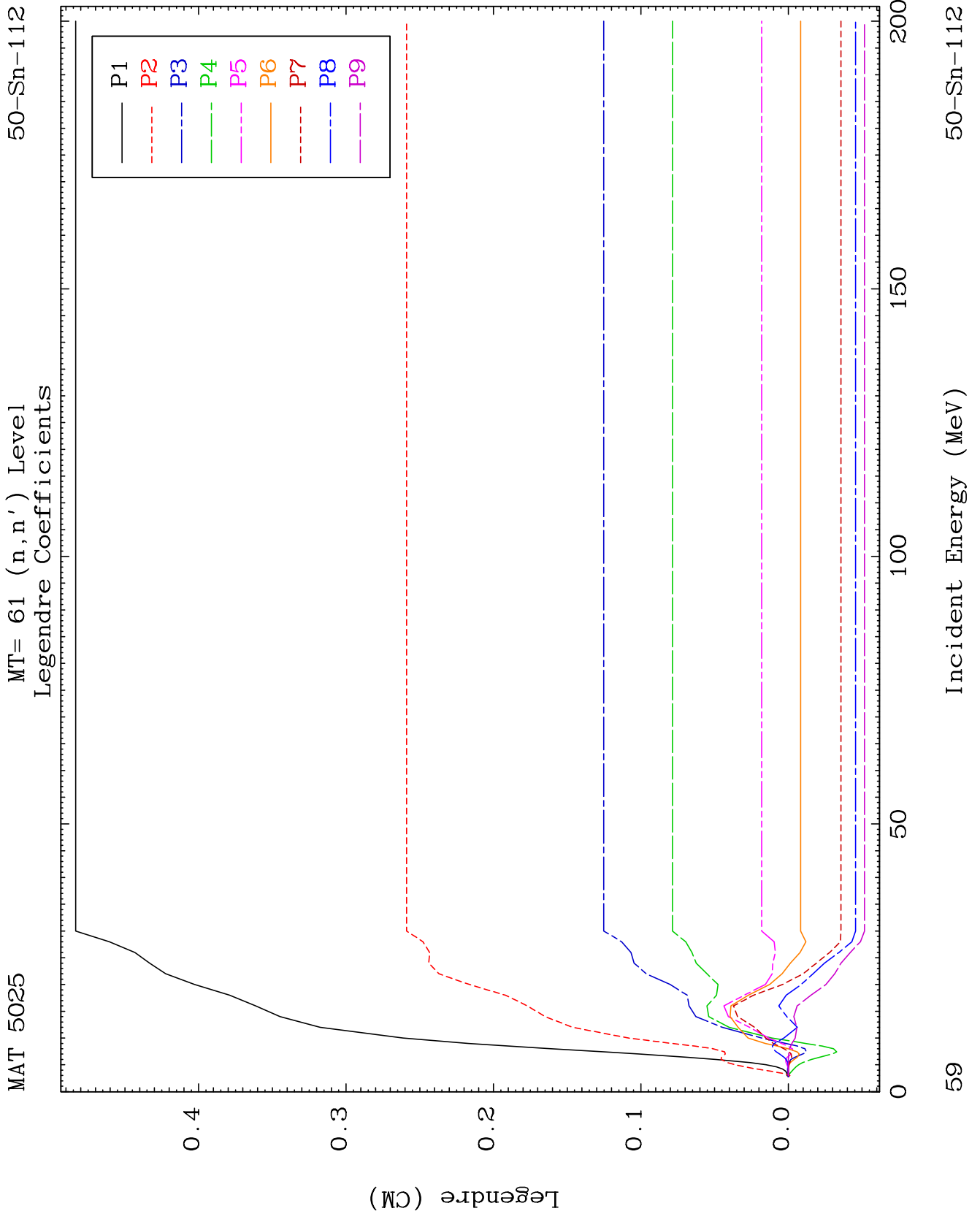




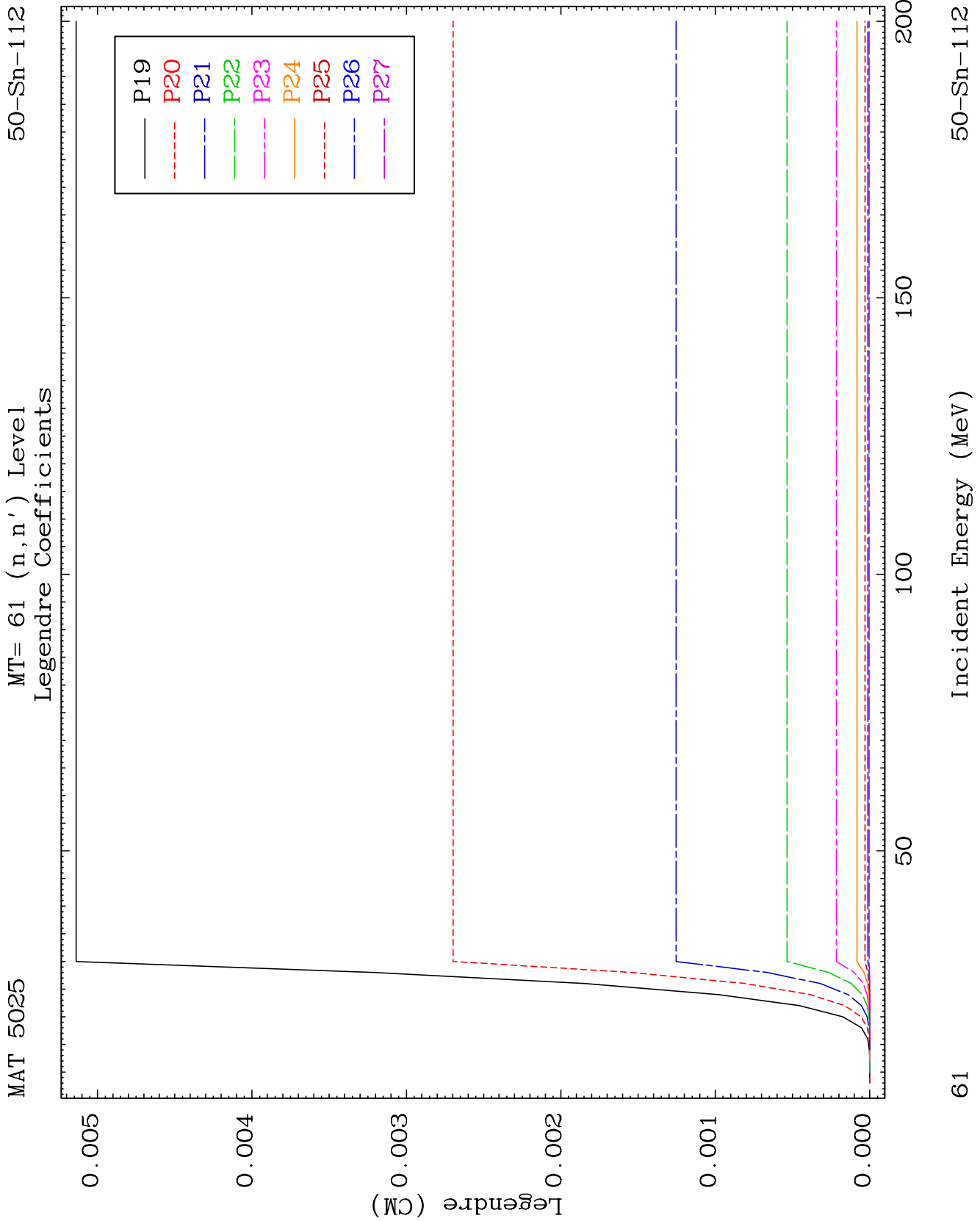




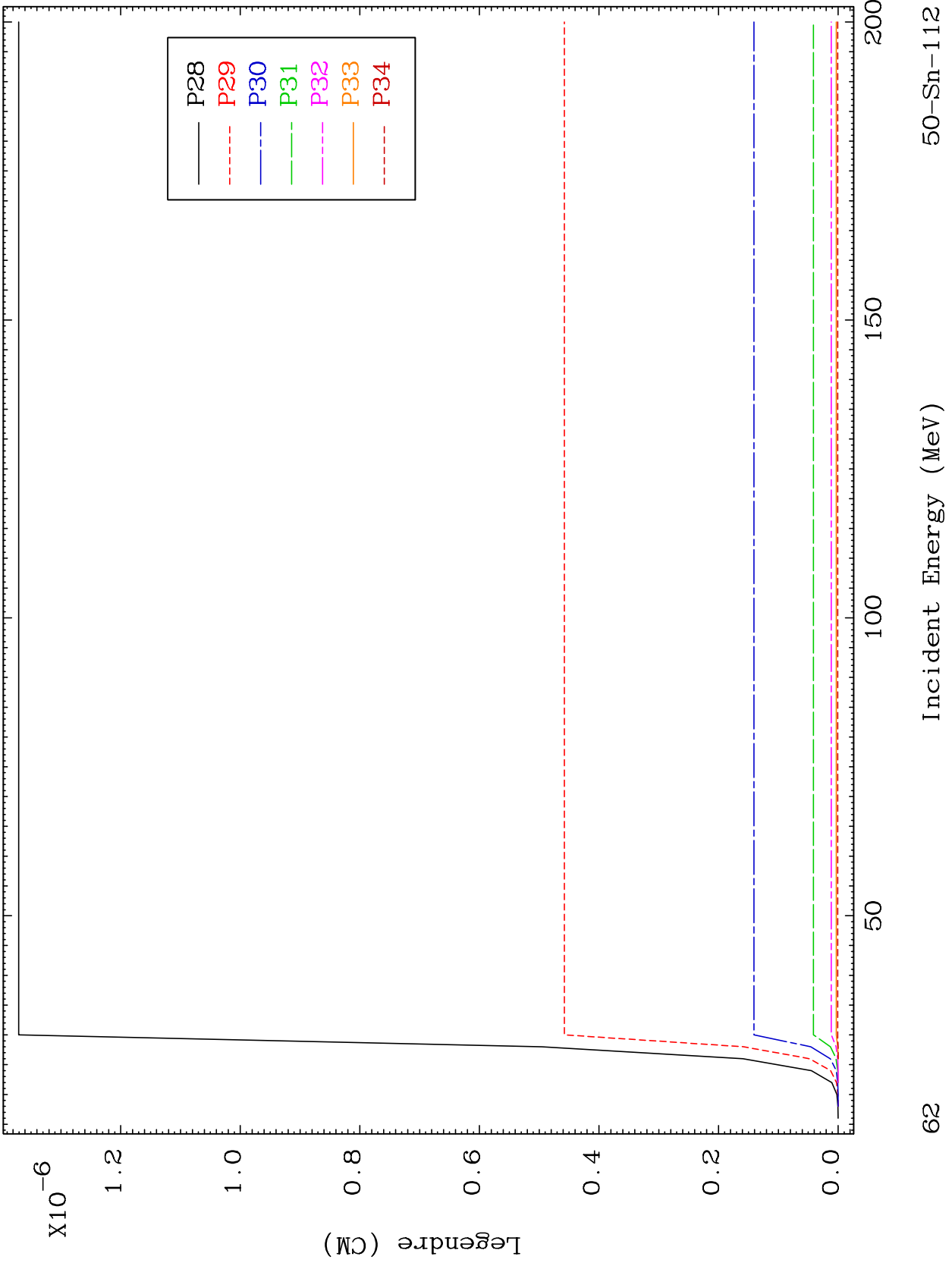


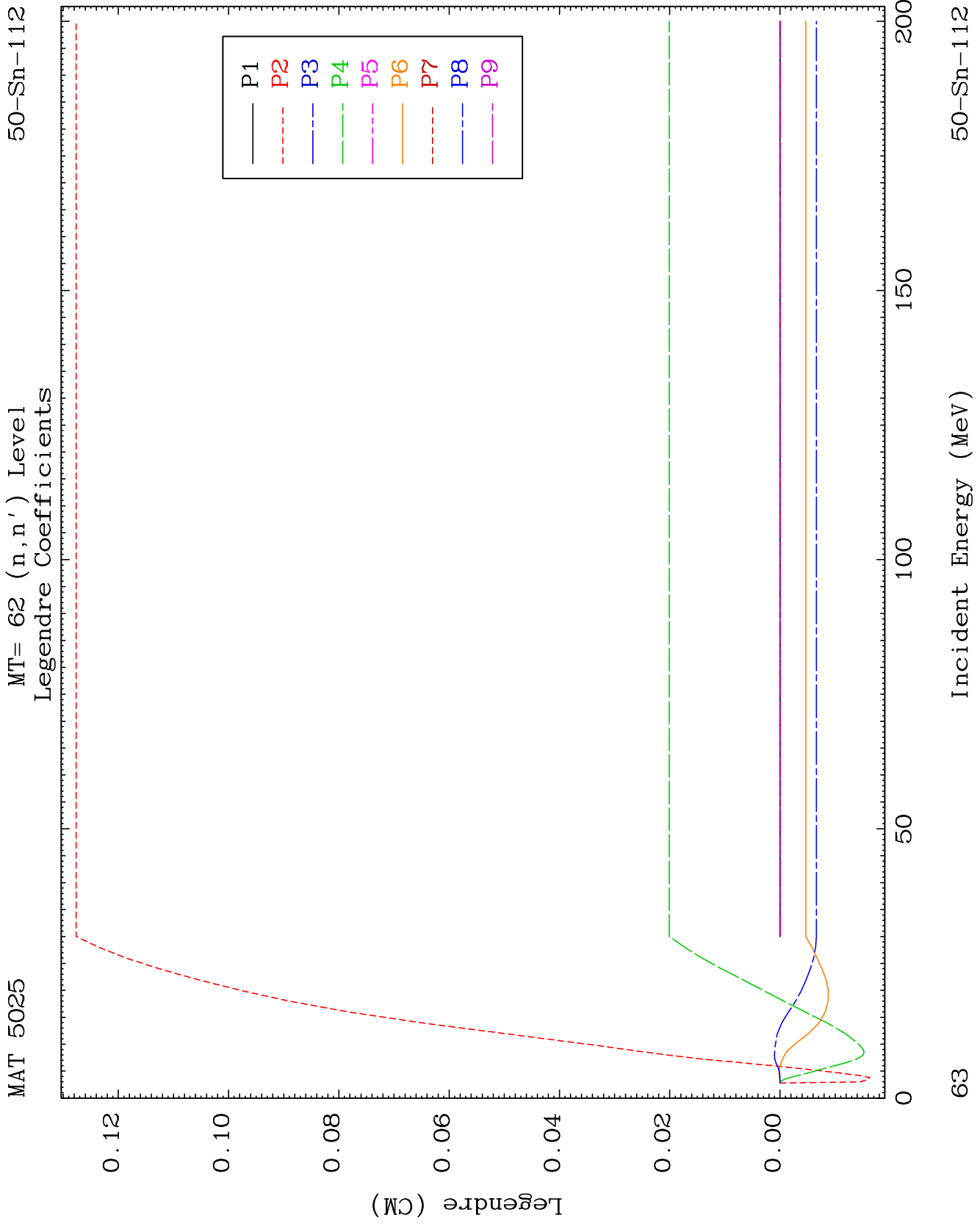






MAT 5025 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-112





50-Sn-112

Incident Energy (MeV)

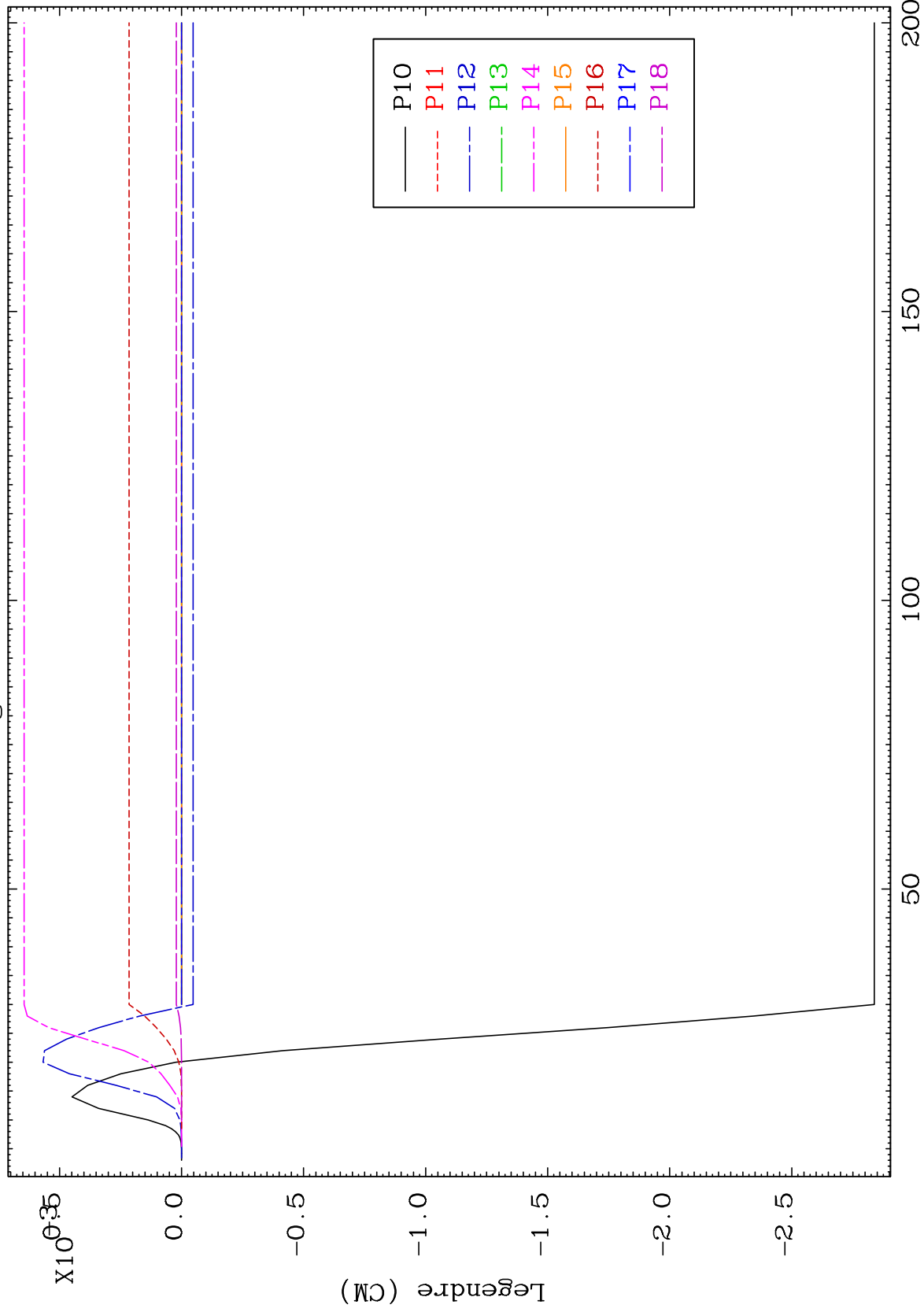
63



MAT 5025

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

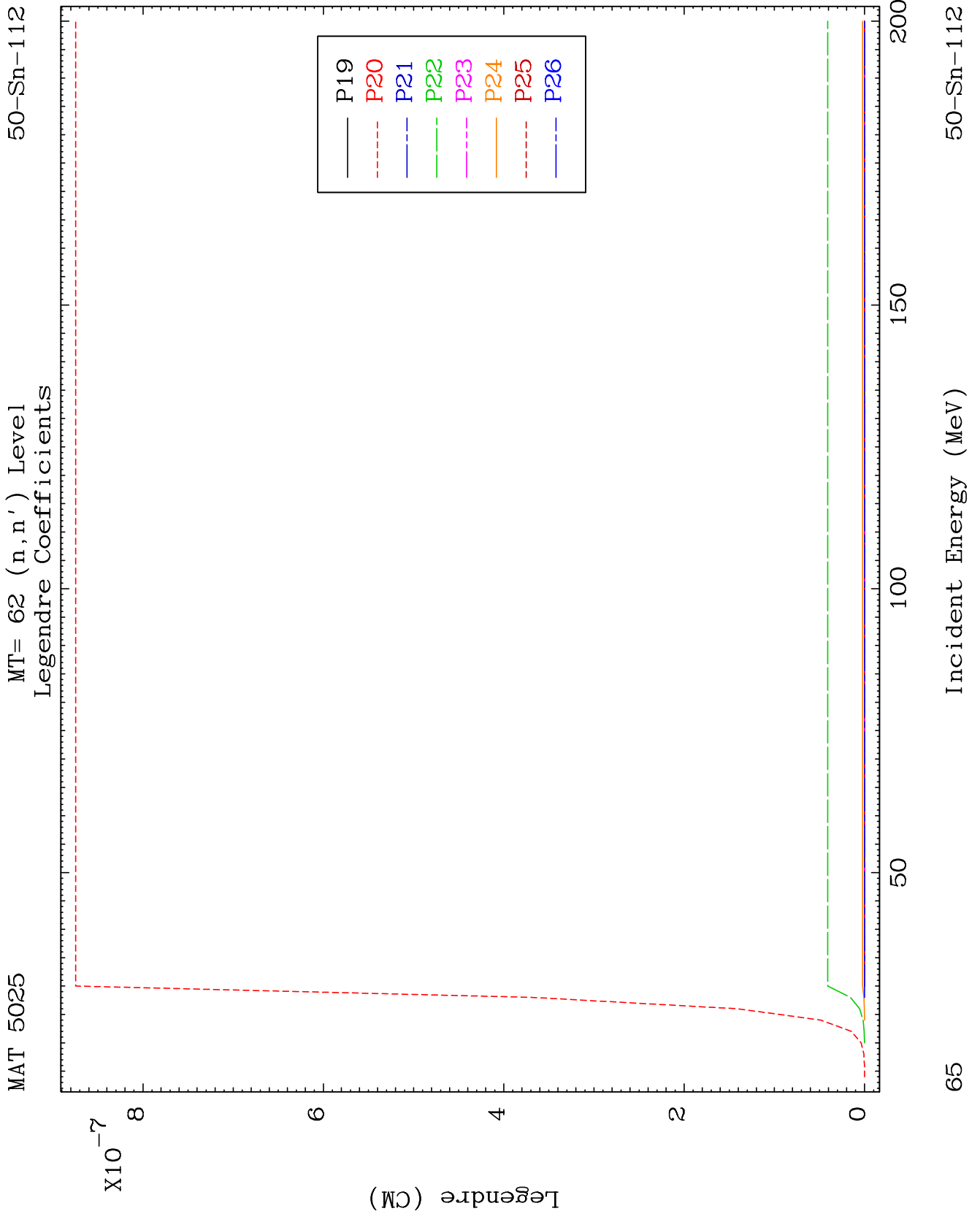
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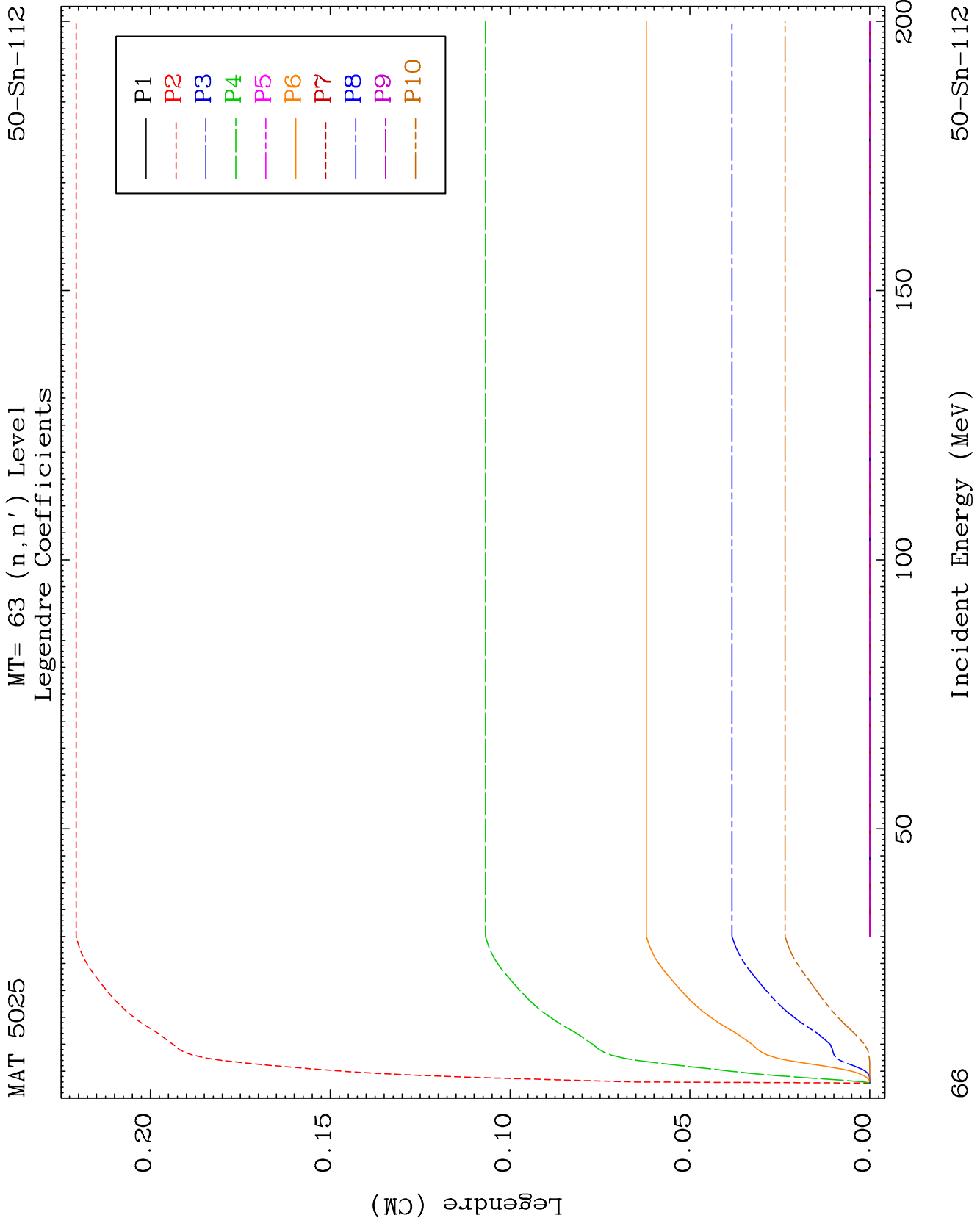


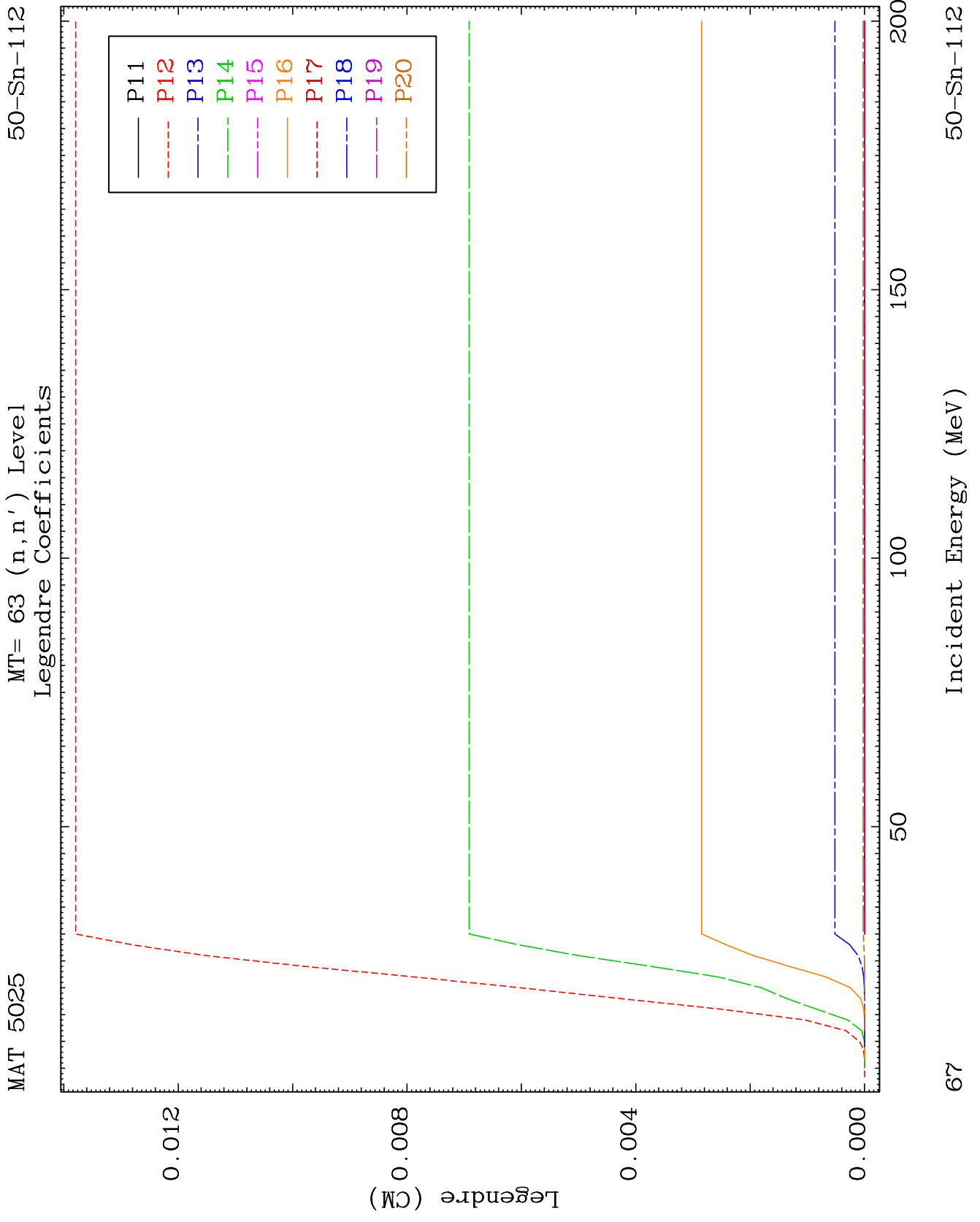
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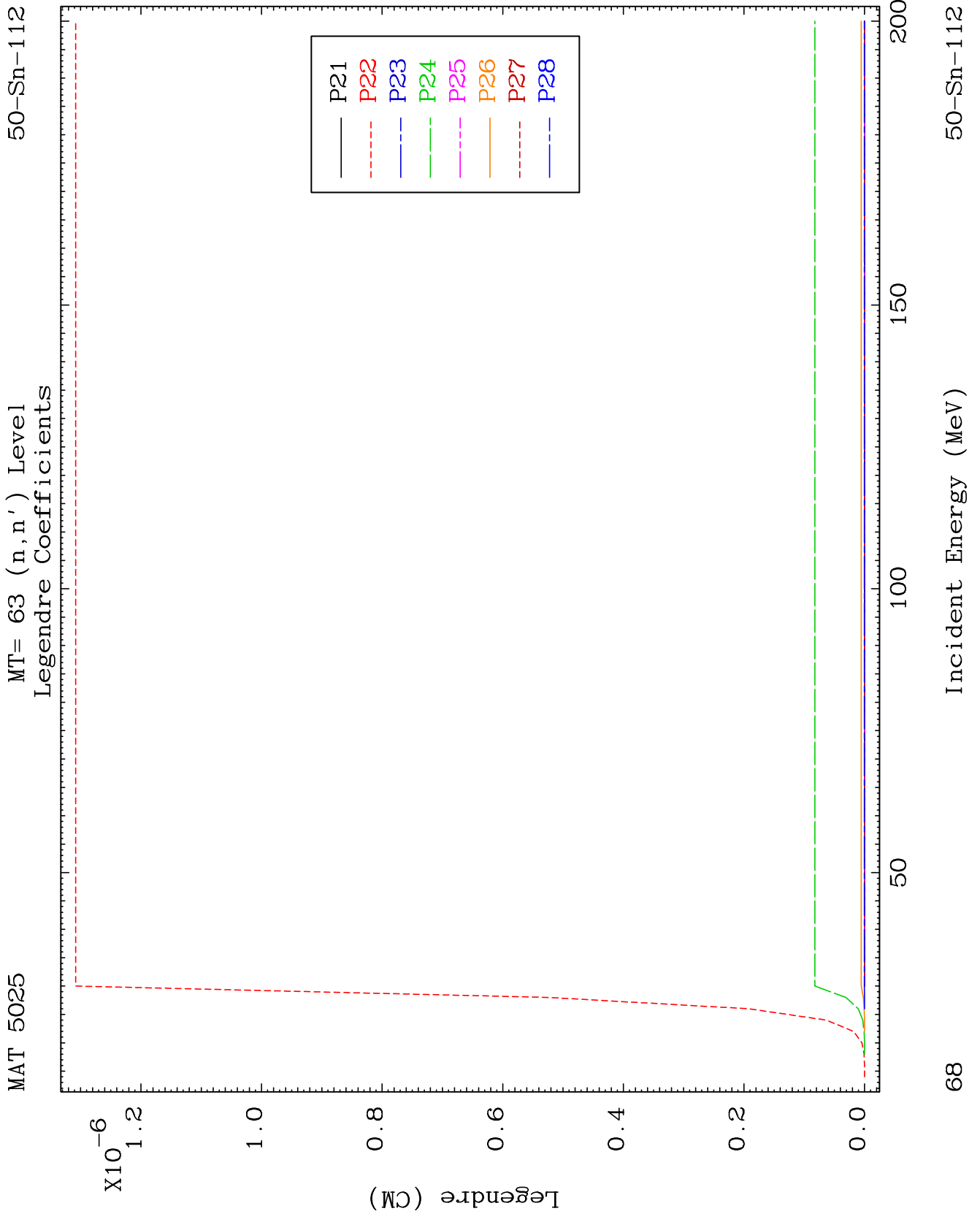
Incident Energy (MeV)

50-Sn-112









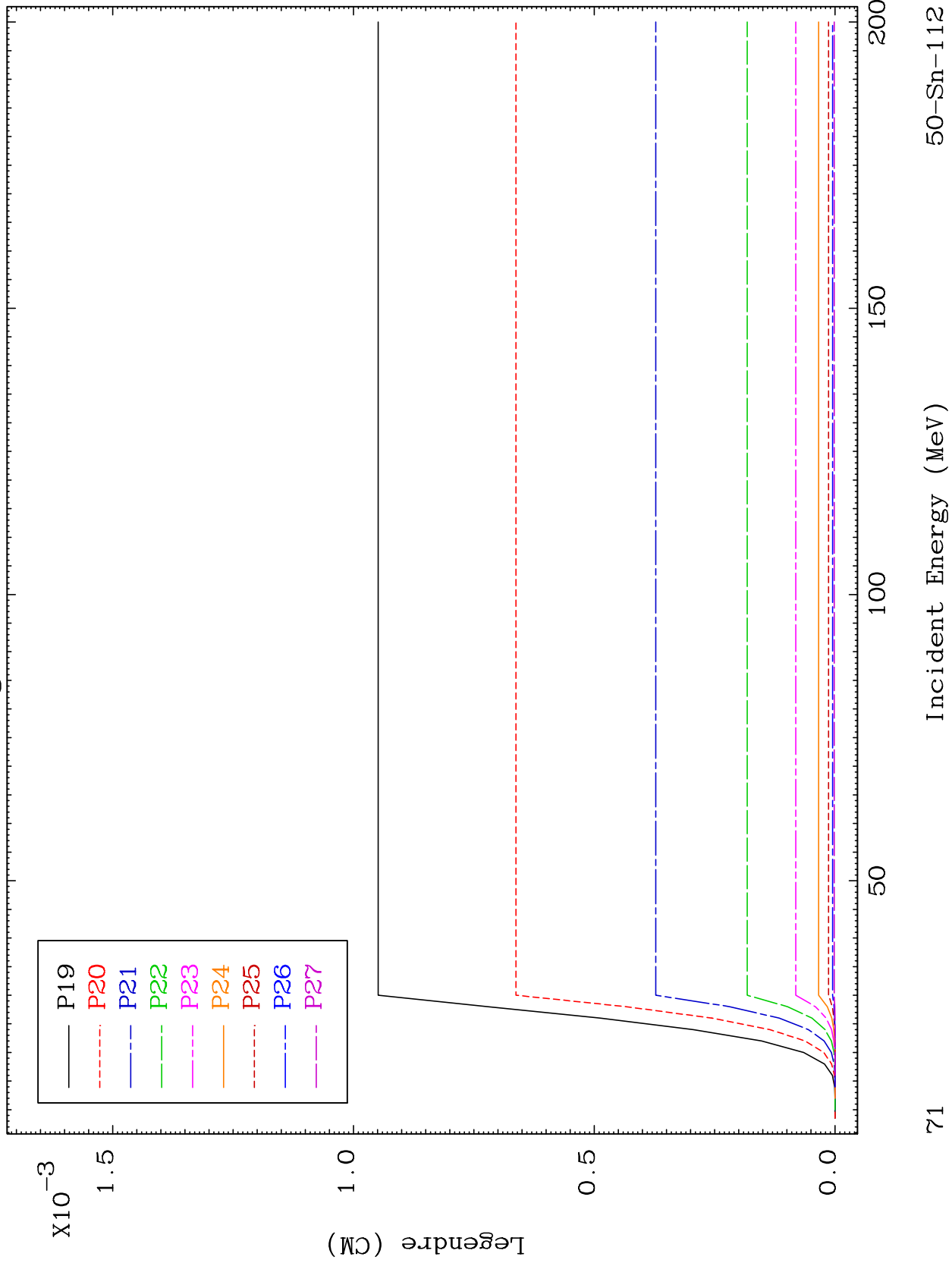




MAT 5025

MT= 64 (n,n') Level  
Legendre Coefficients

50-Sn-112

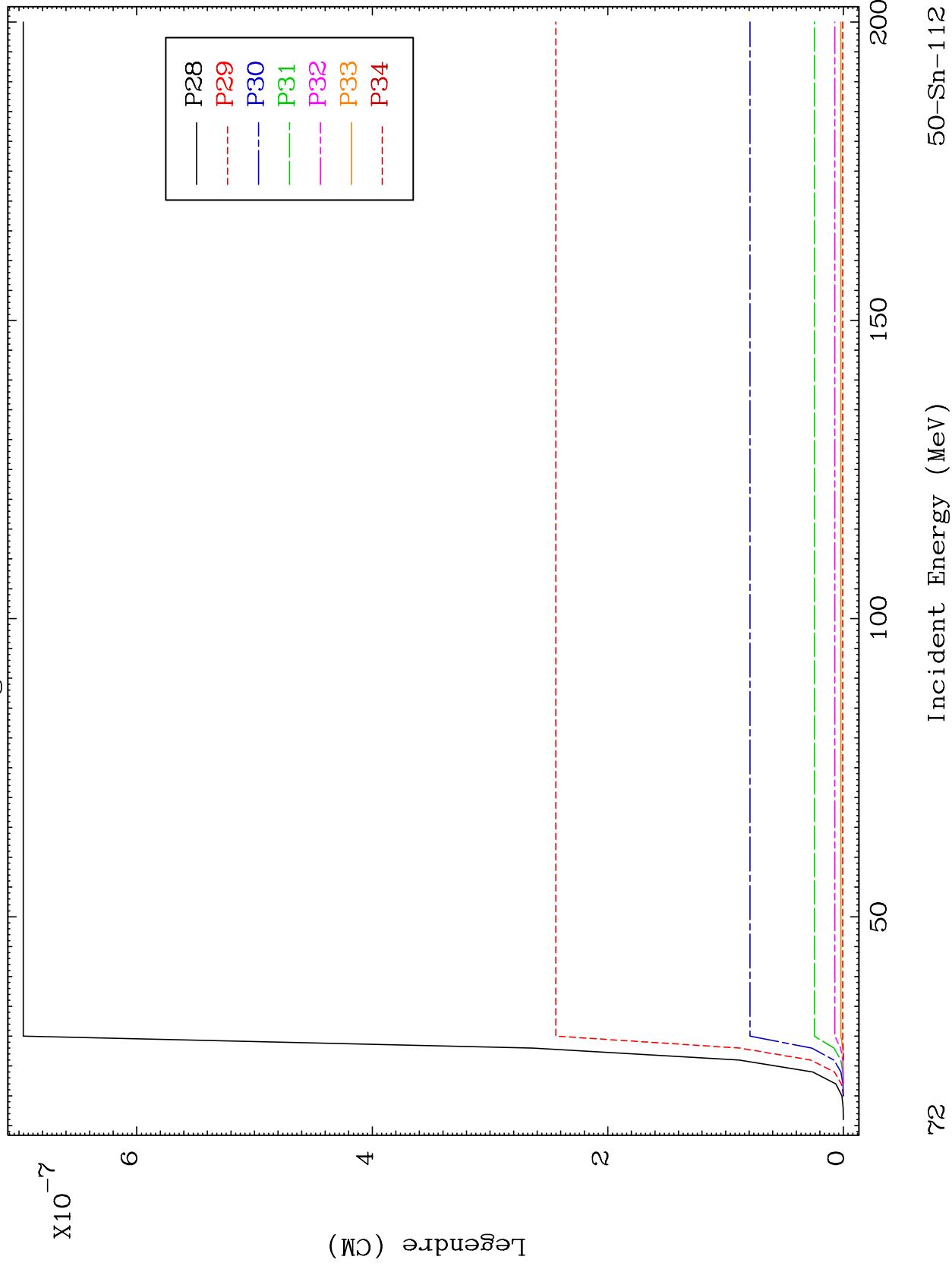




MAT 5025

MT= 64 (n,n') Level  
Legendre Coefficients

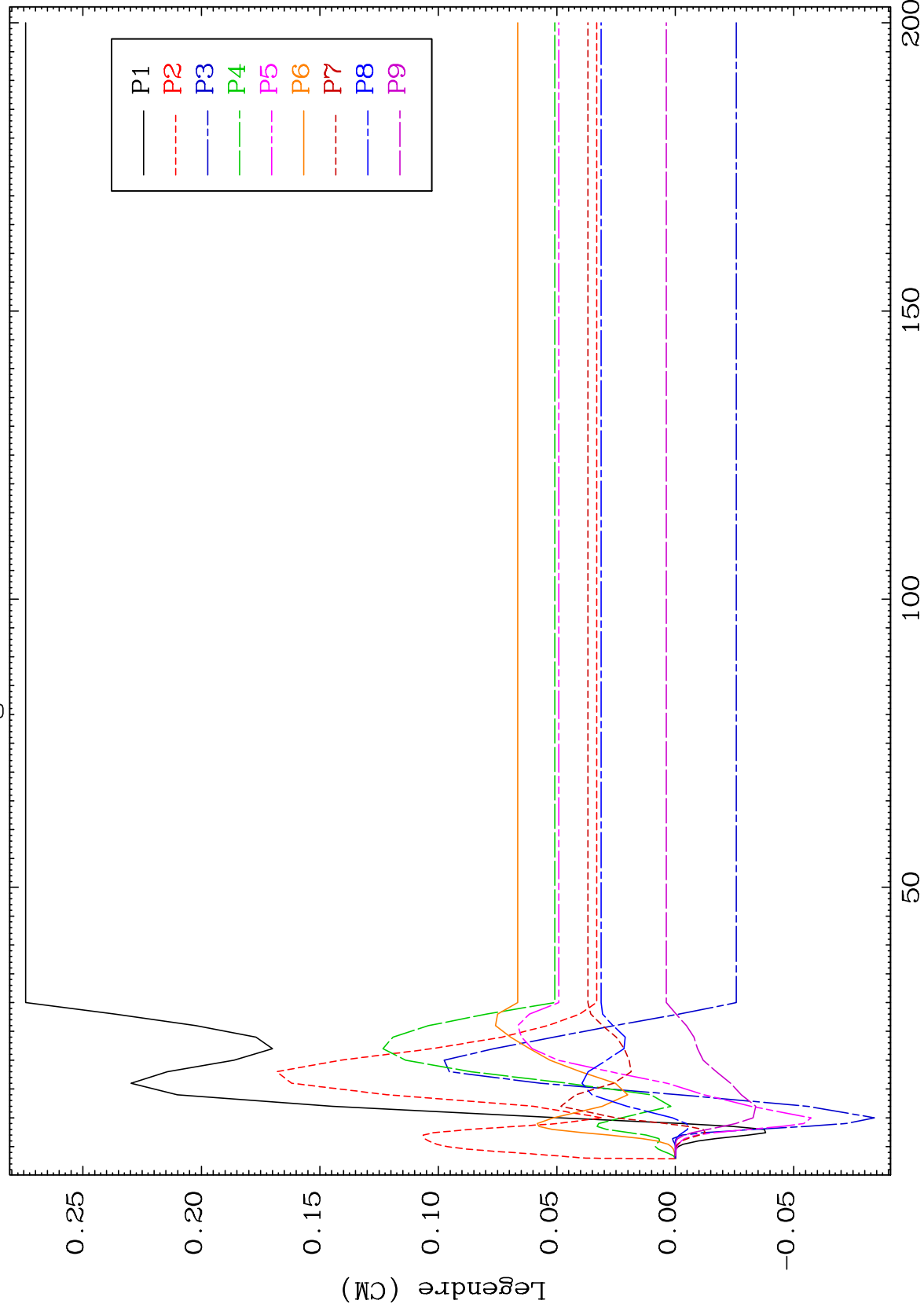
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MAT 5025

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

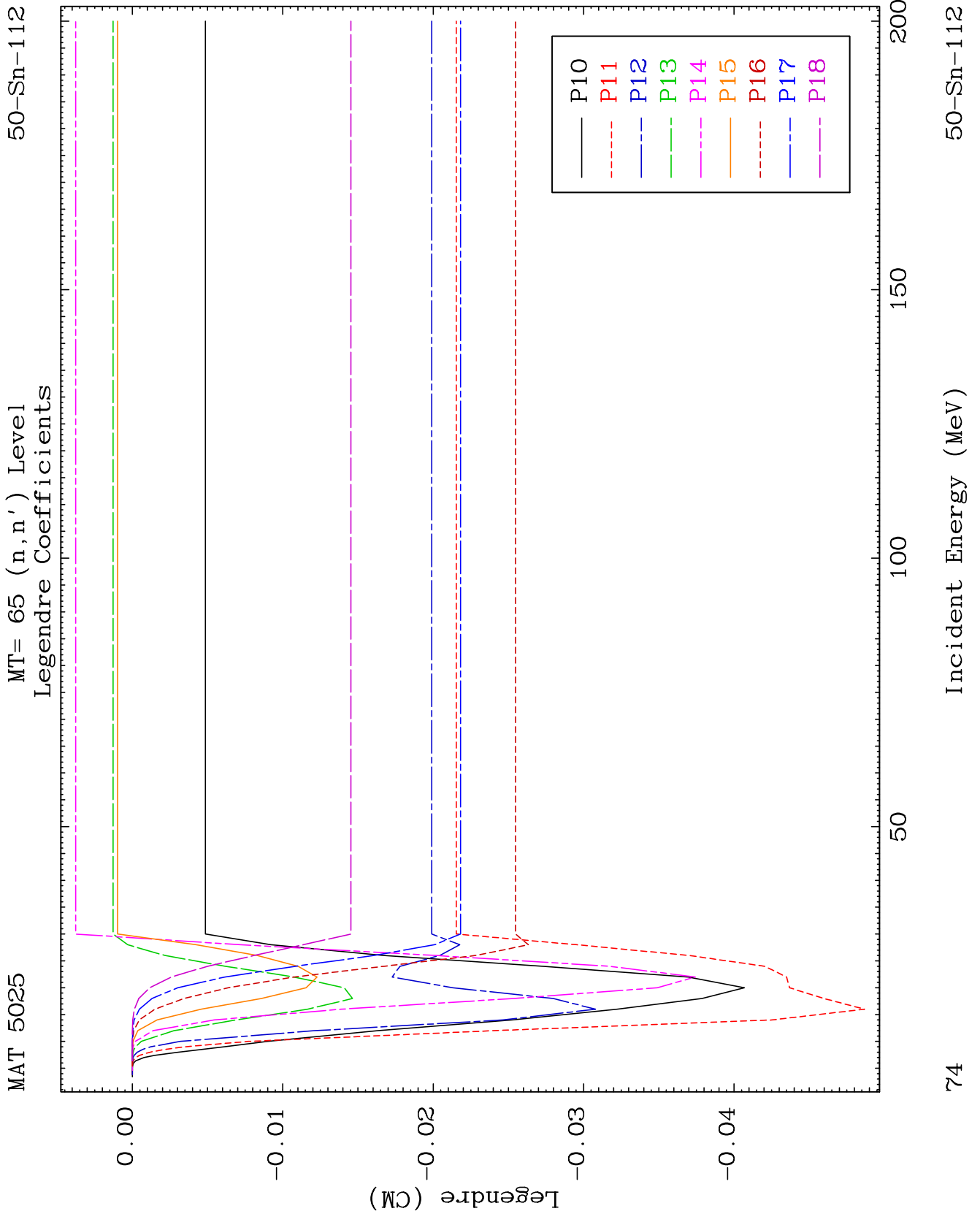
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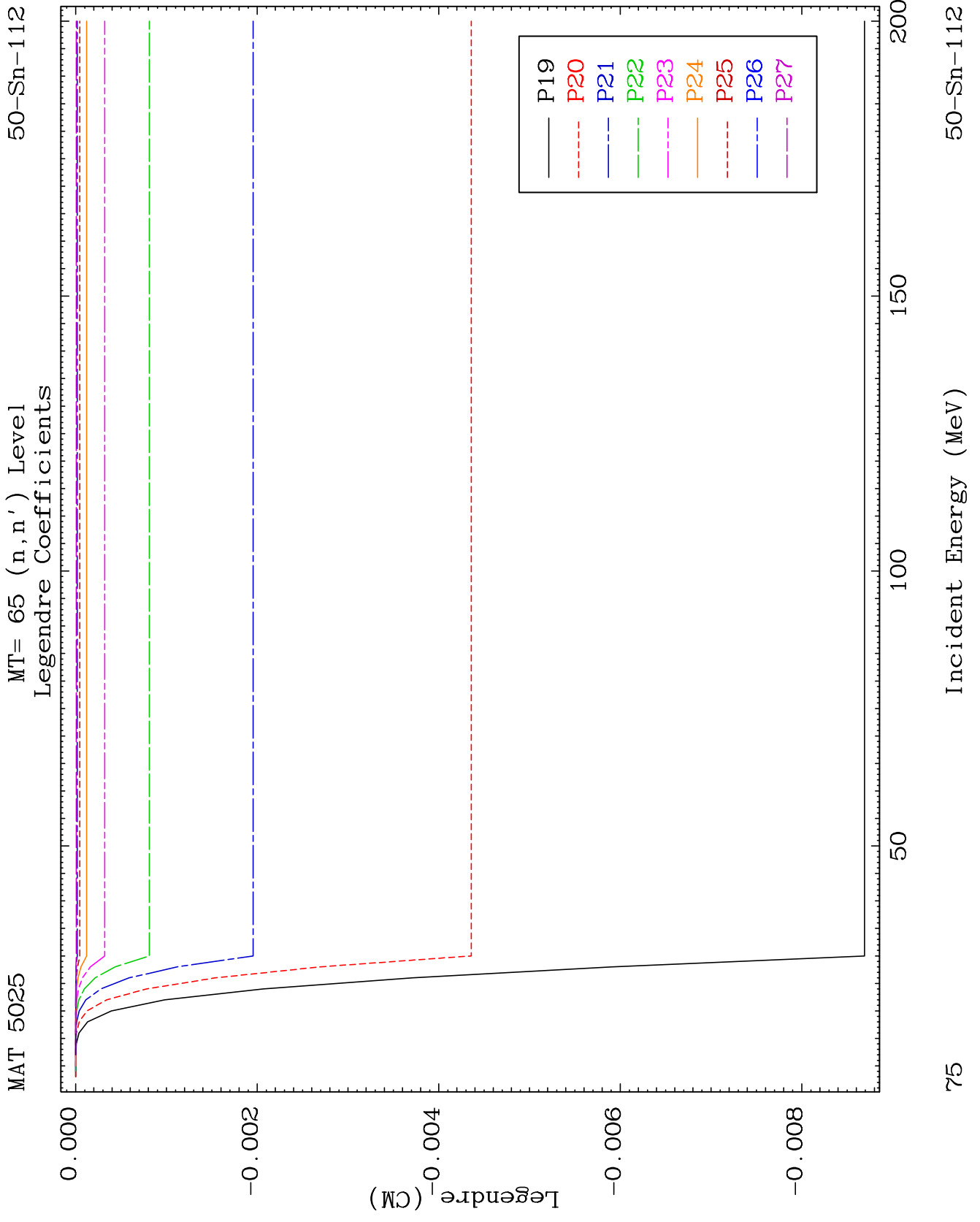


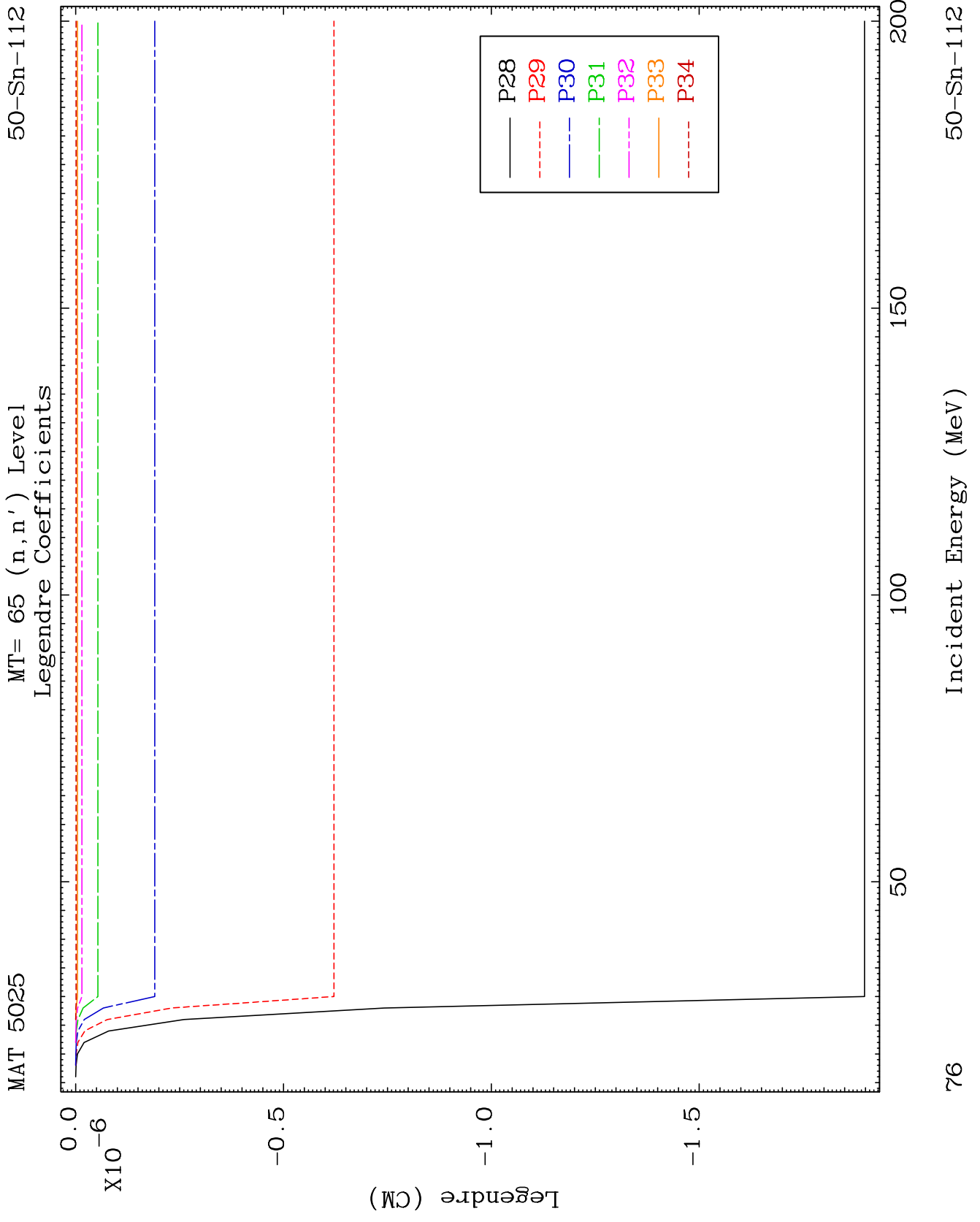
73

Incident Energy (MeV)

50-Sn-112



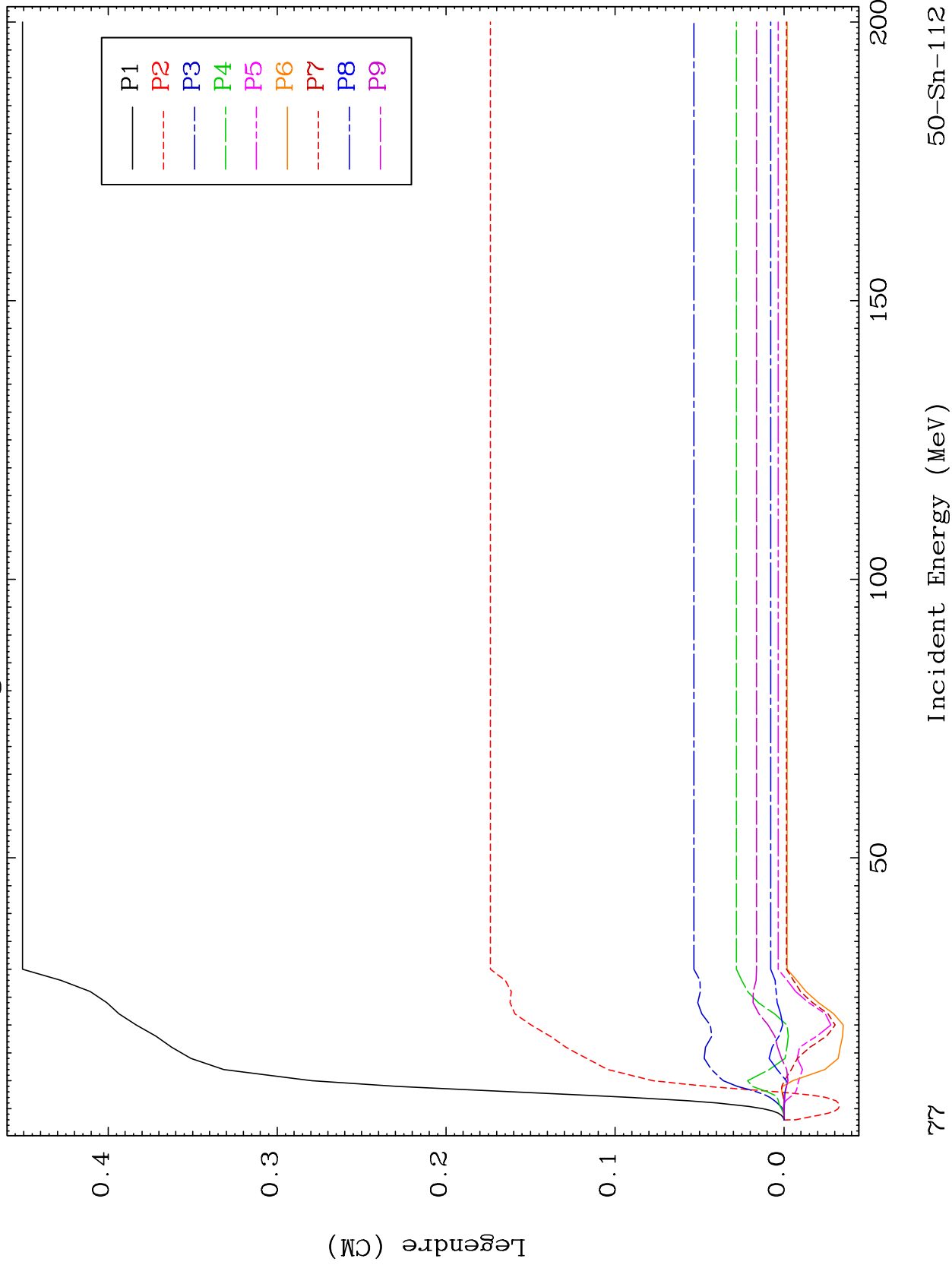




MAT 5025

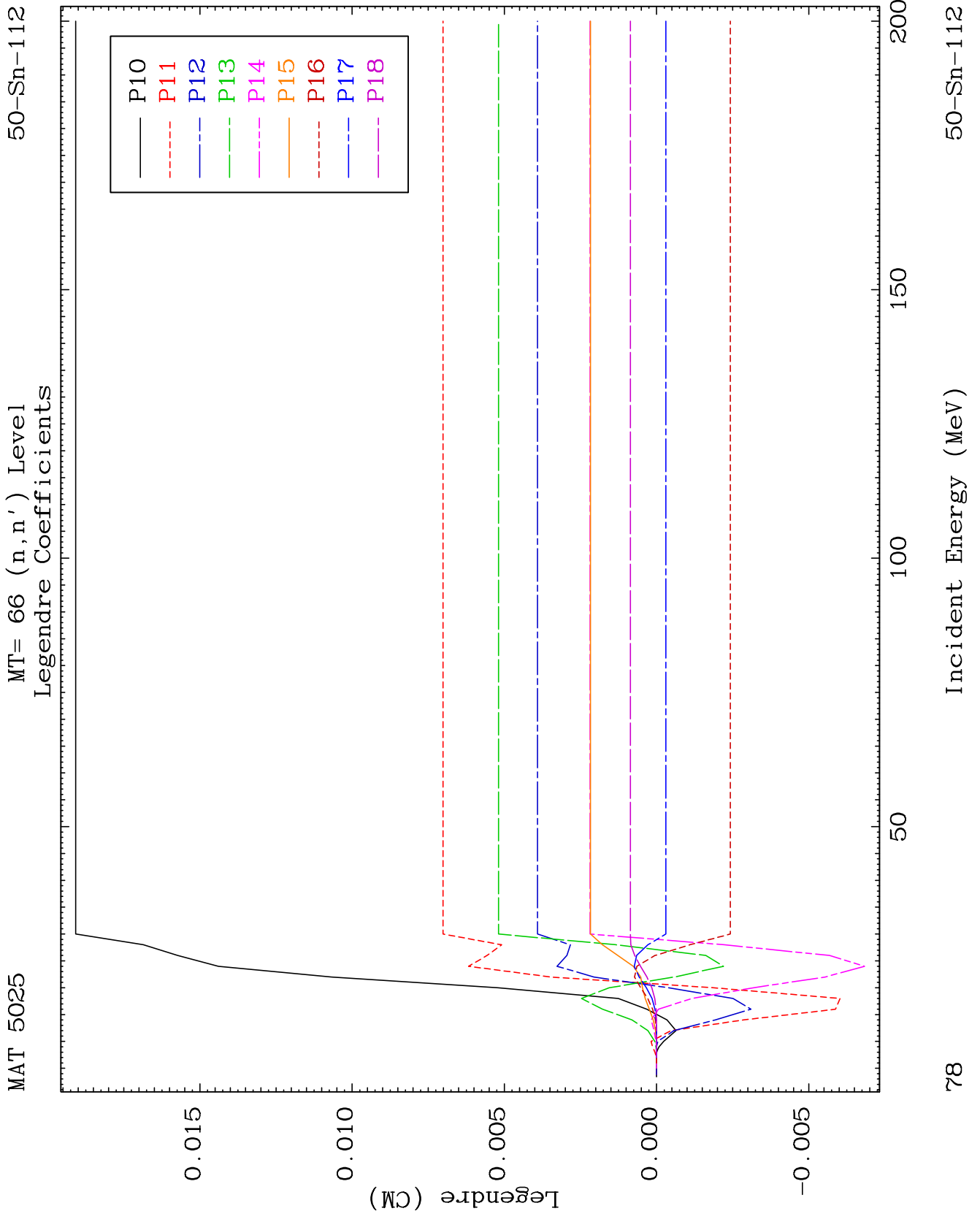
MT= 66 (n,n') Level  
Legendre Coefficients

50-Sn-112



77

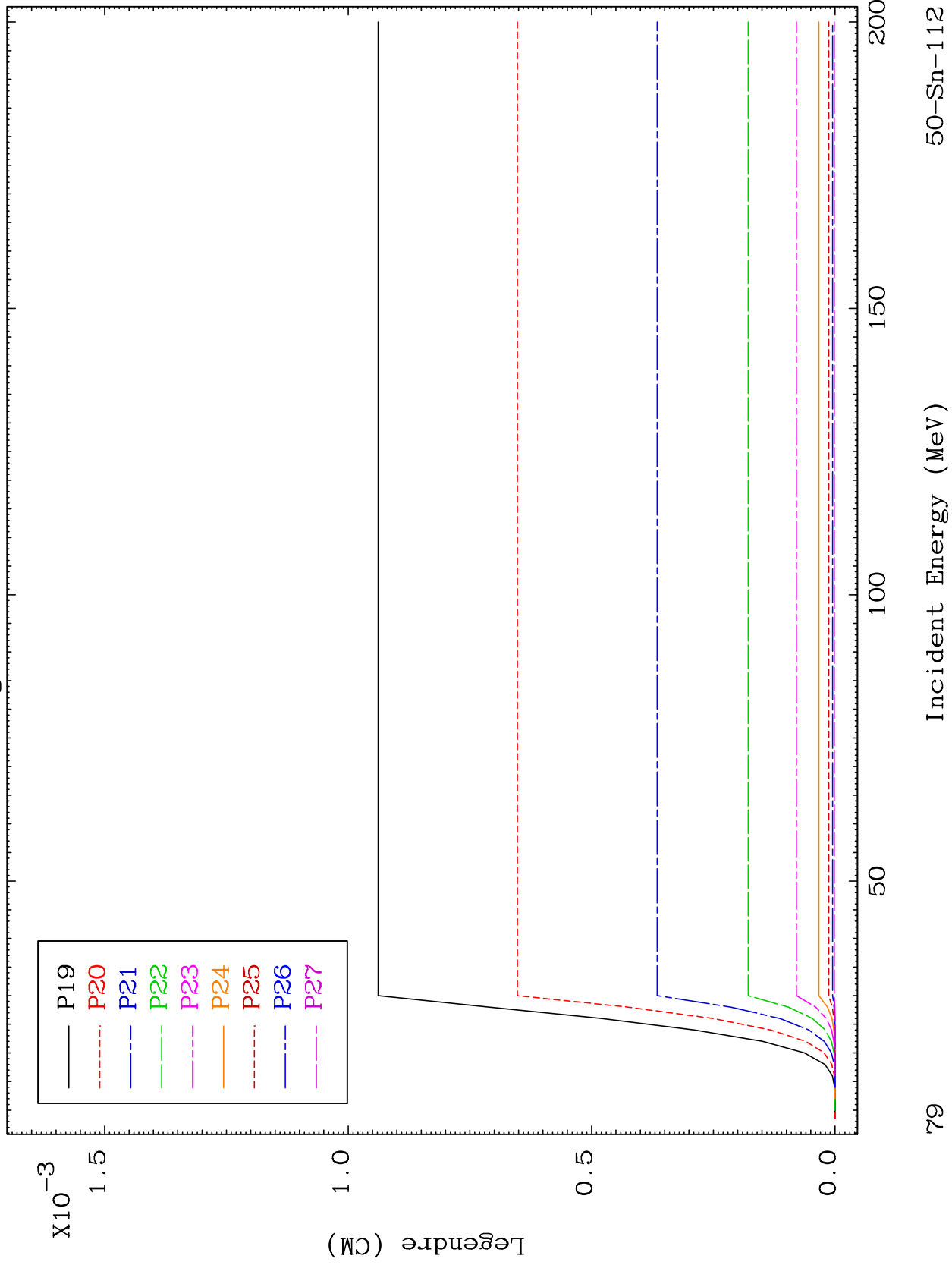
50-Sn-112



MAT 5025

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

50-Sn-112



79

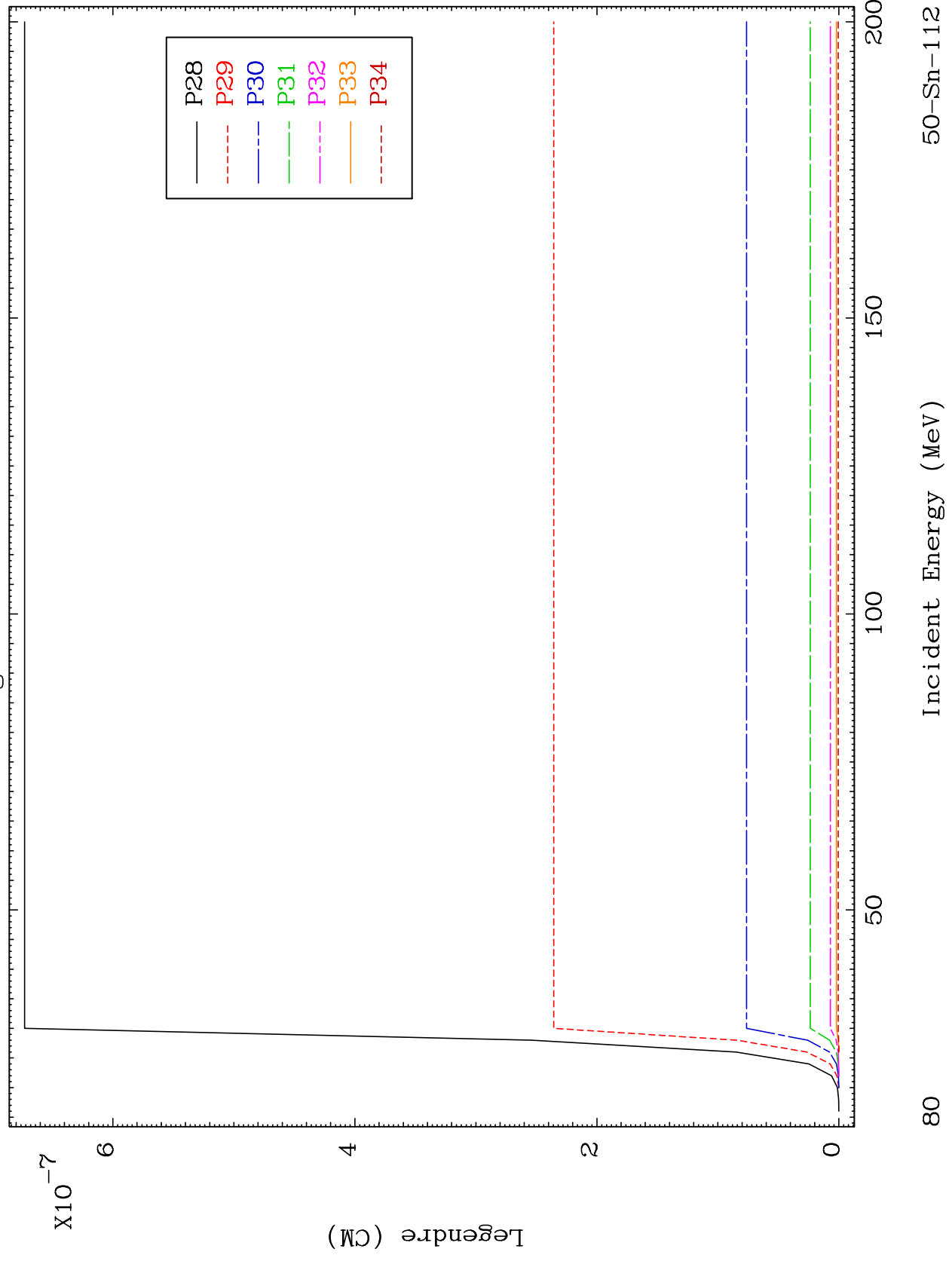
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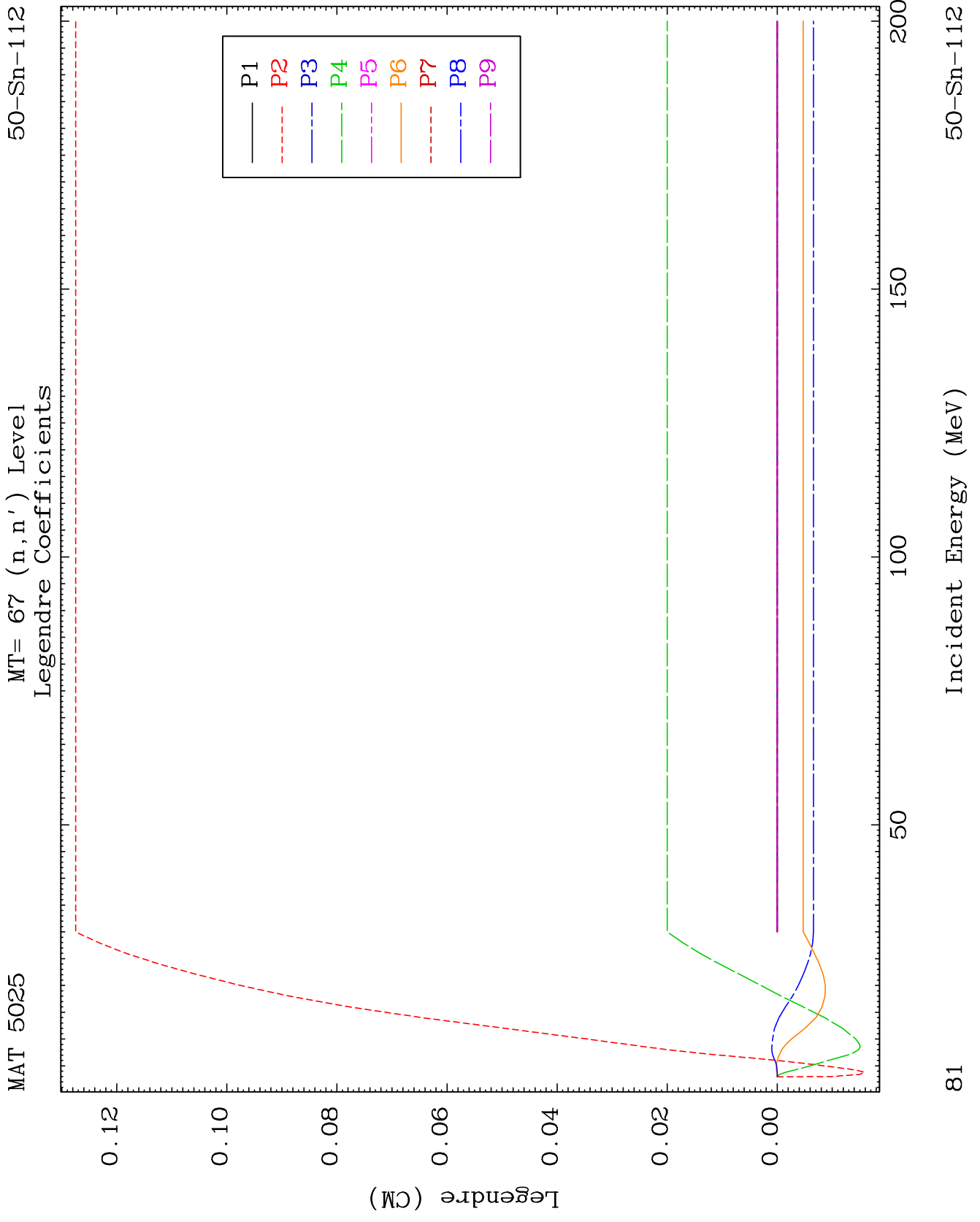


MAT 5025

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

50-Sn-112

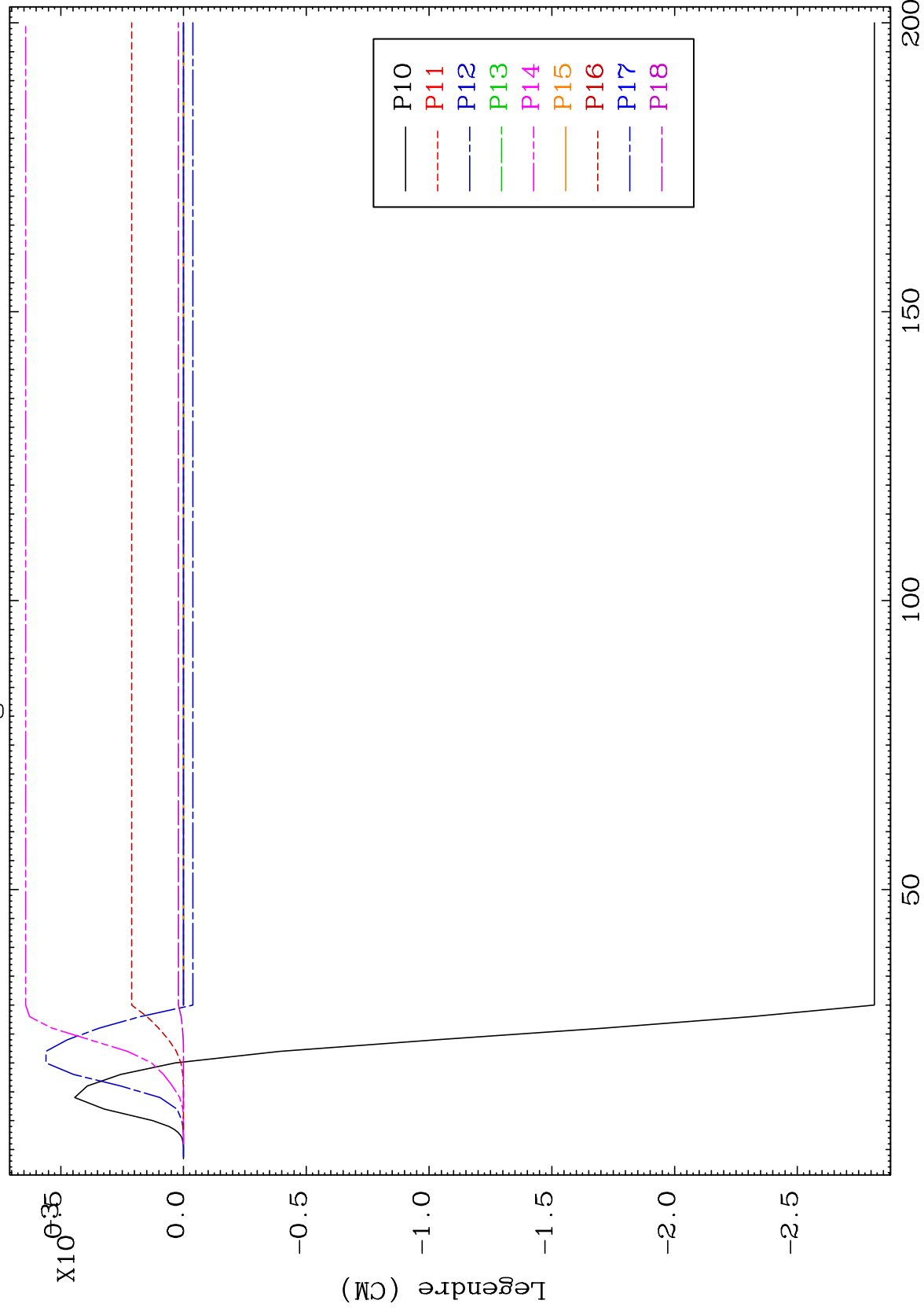




MAT 5025

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

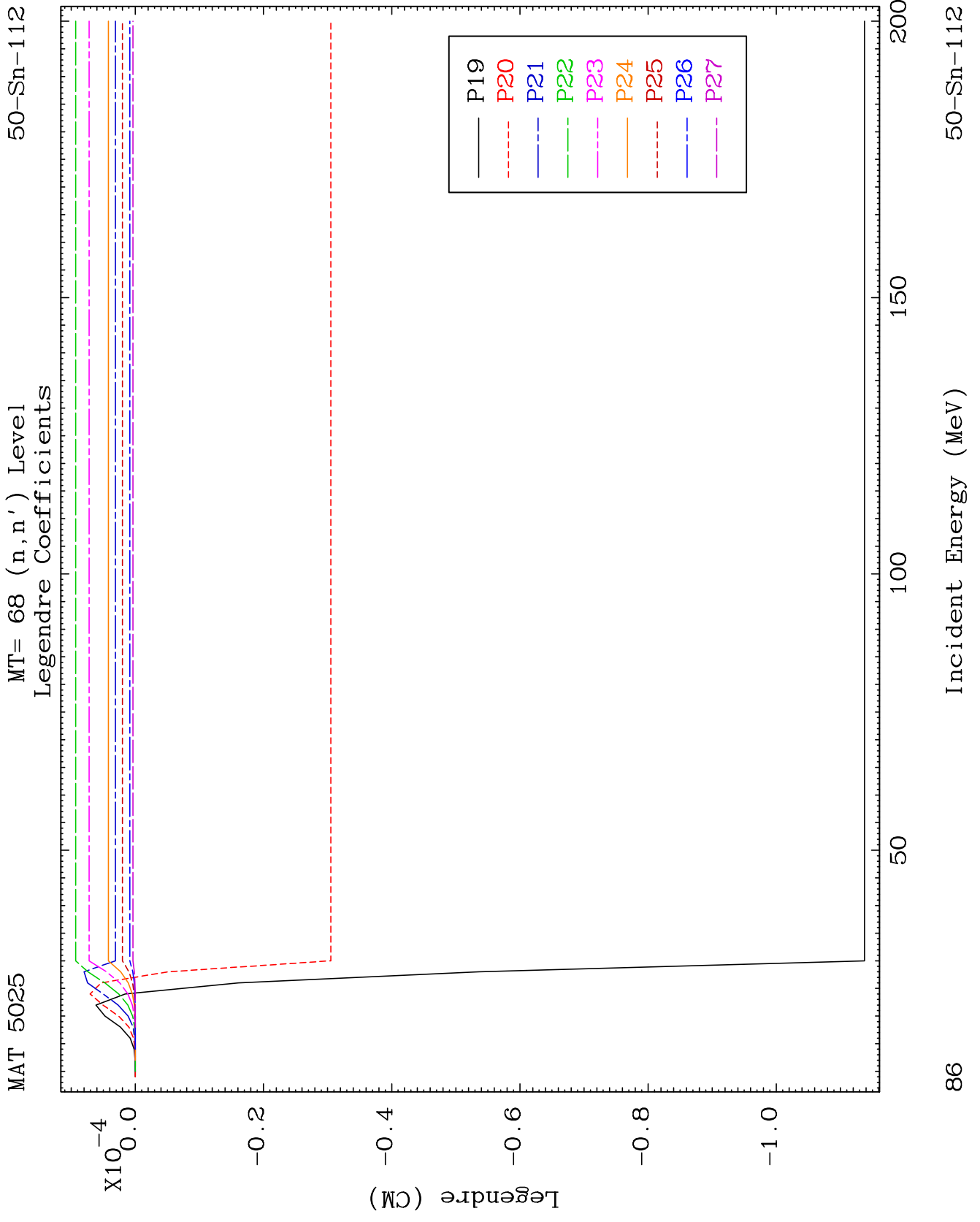
50-Sn-112











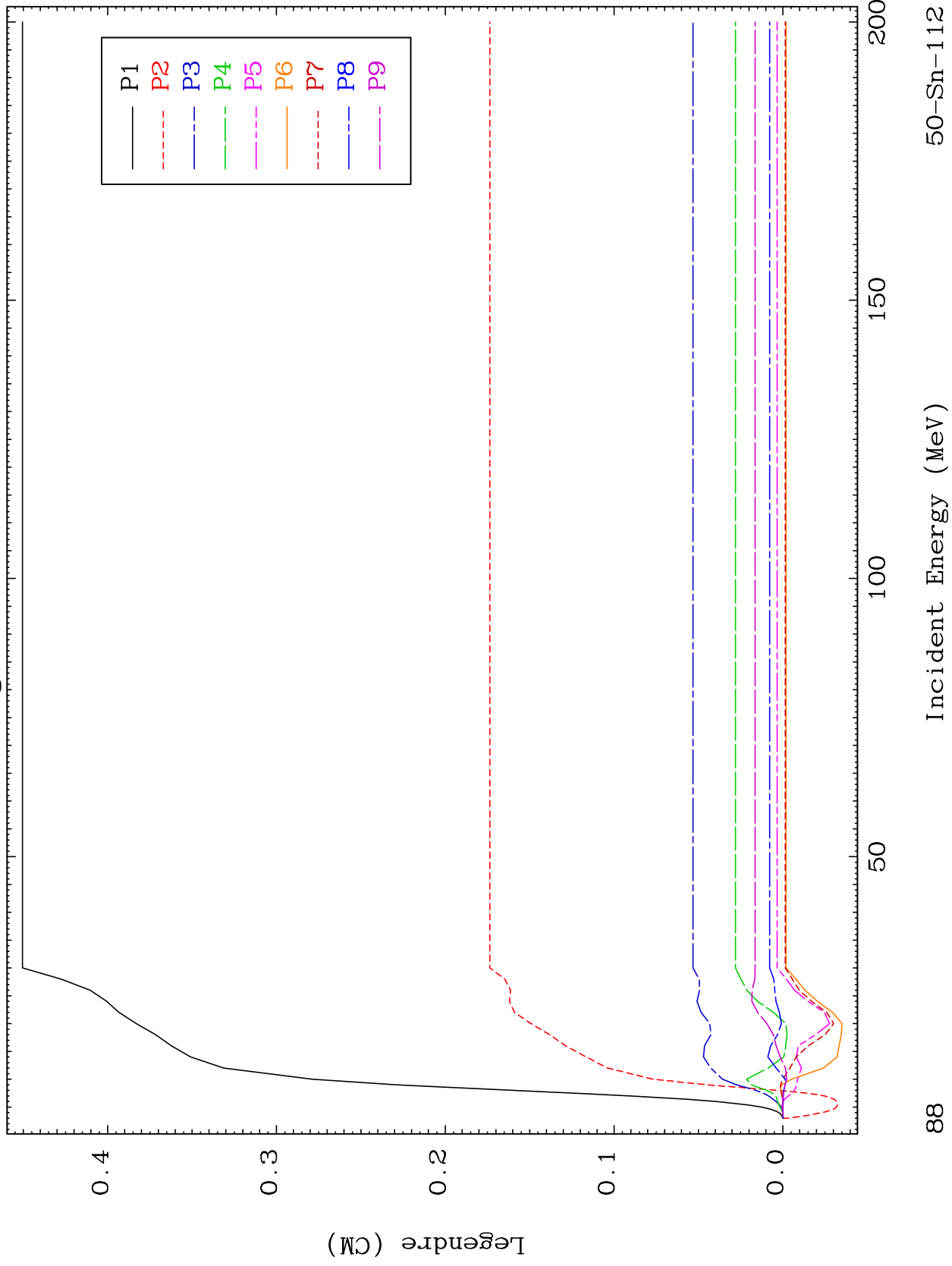




MAT 5025

MT= 69 (n,n') Level  
Legendre Coefficients

50-Sn-112



88

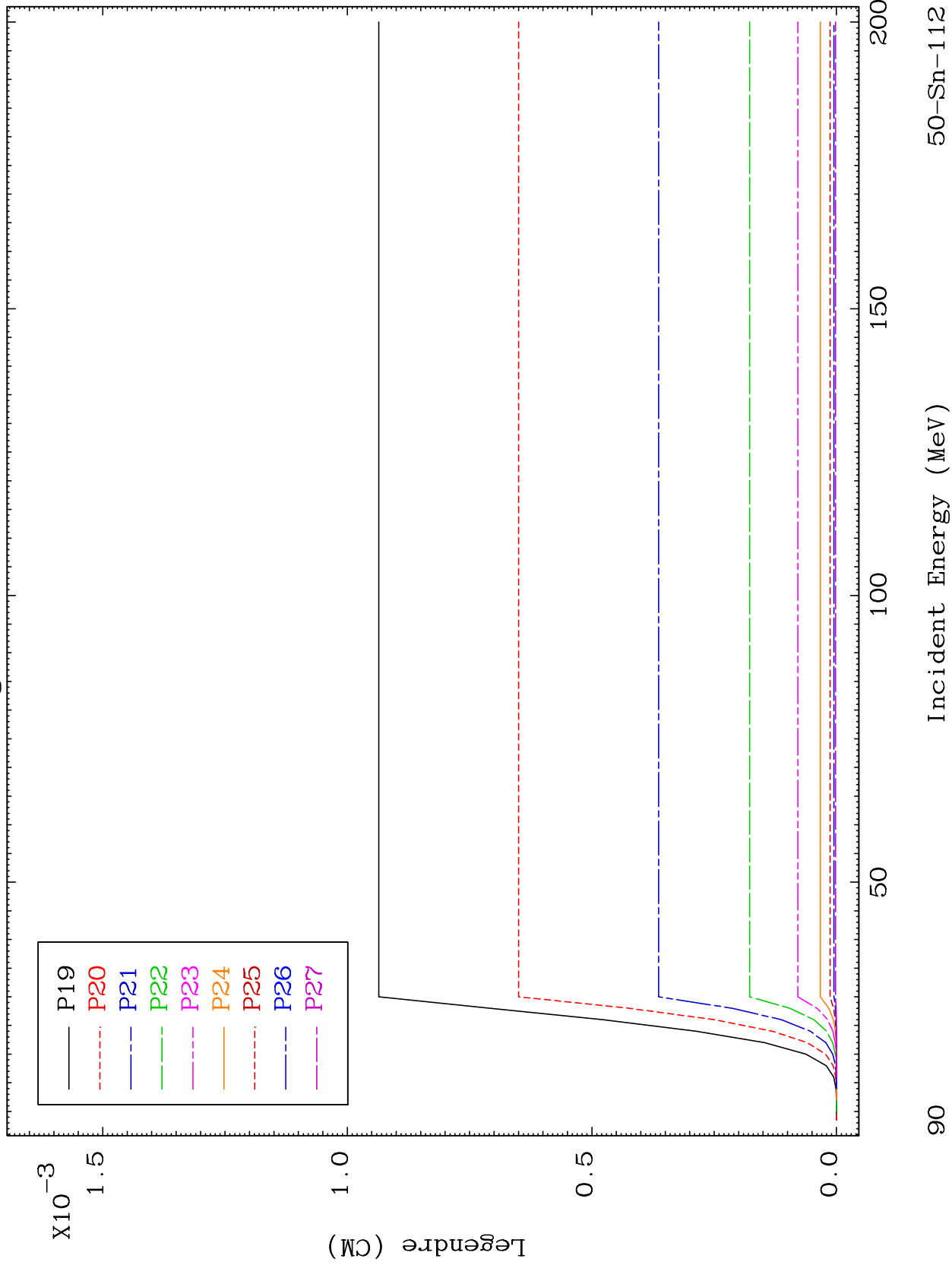
50-Sn-112



MAT 5025

MT= 69 (n,n') Level  
Legendre Coefficients

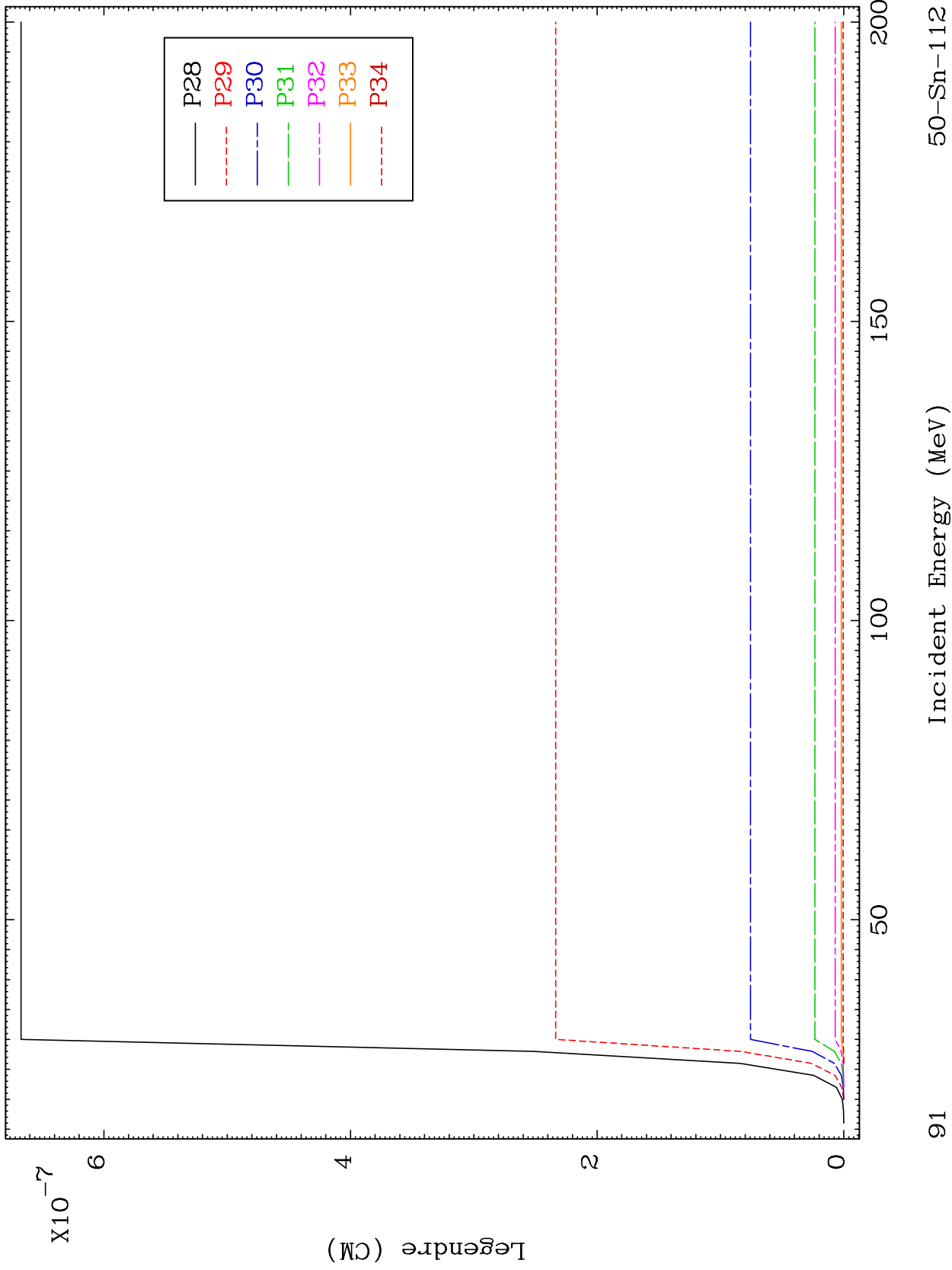
50-Sn-112

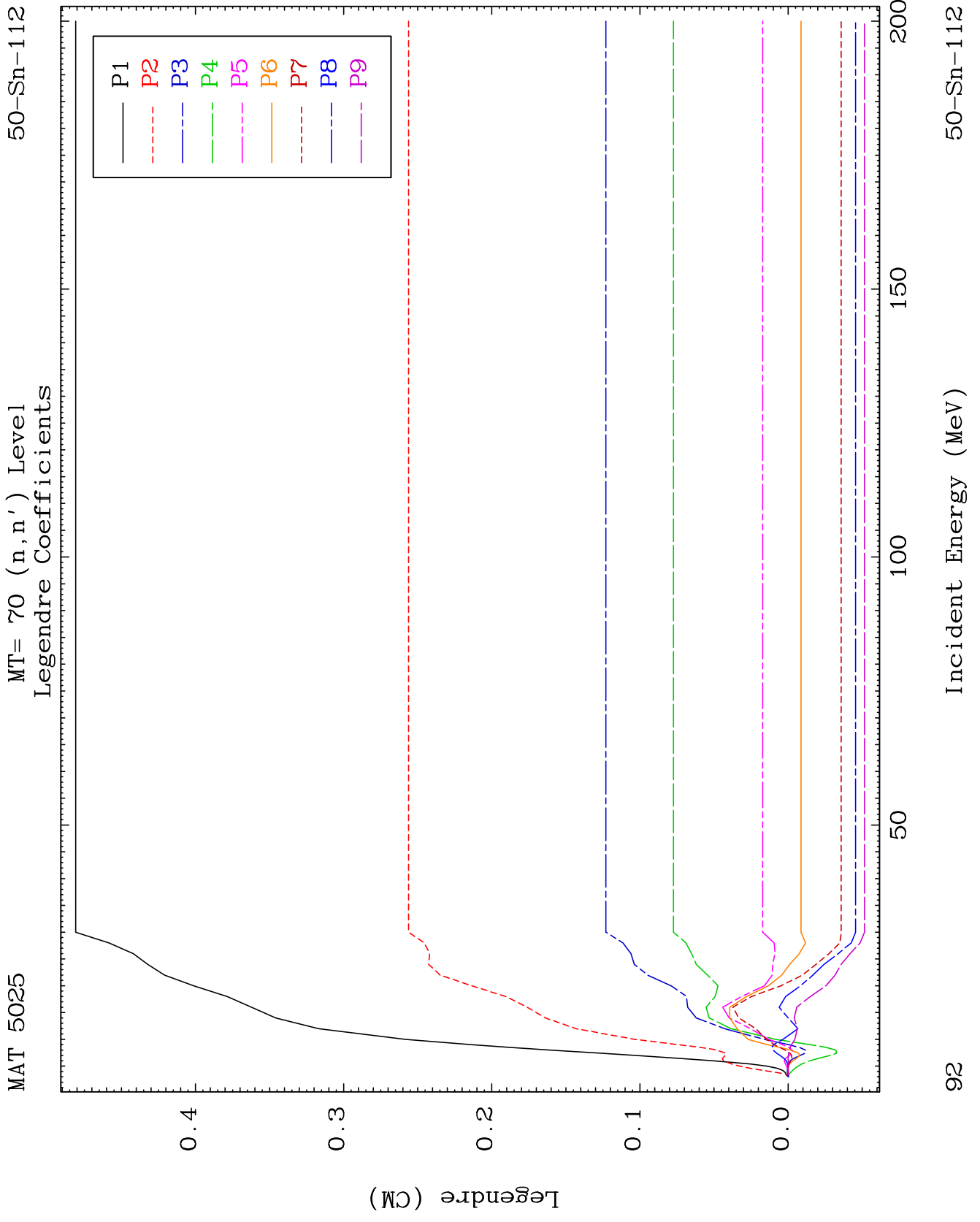


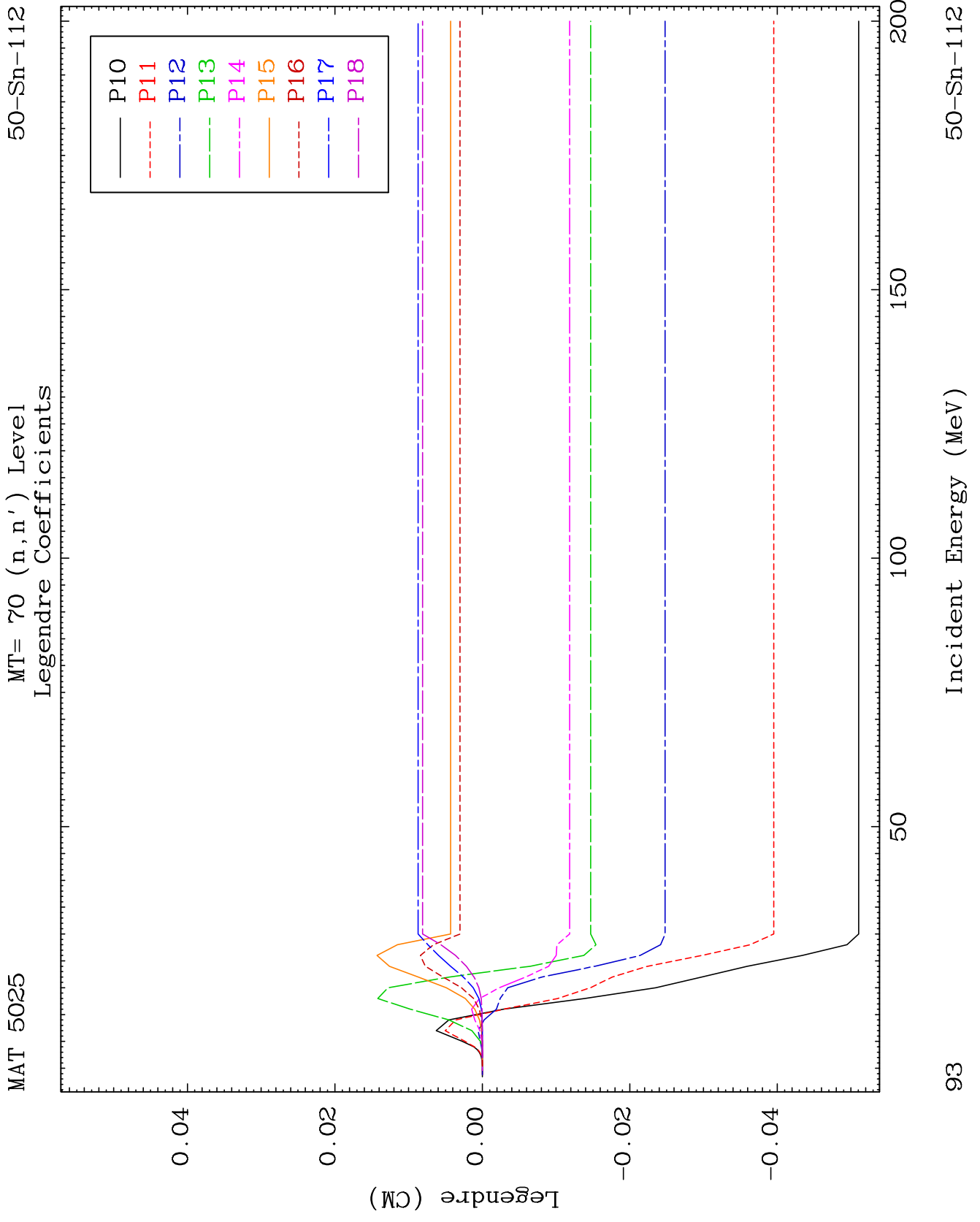
MAT 5025

MT= 69 (n,n') Level  
Legendre Coefficients

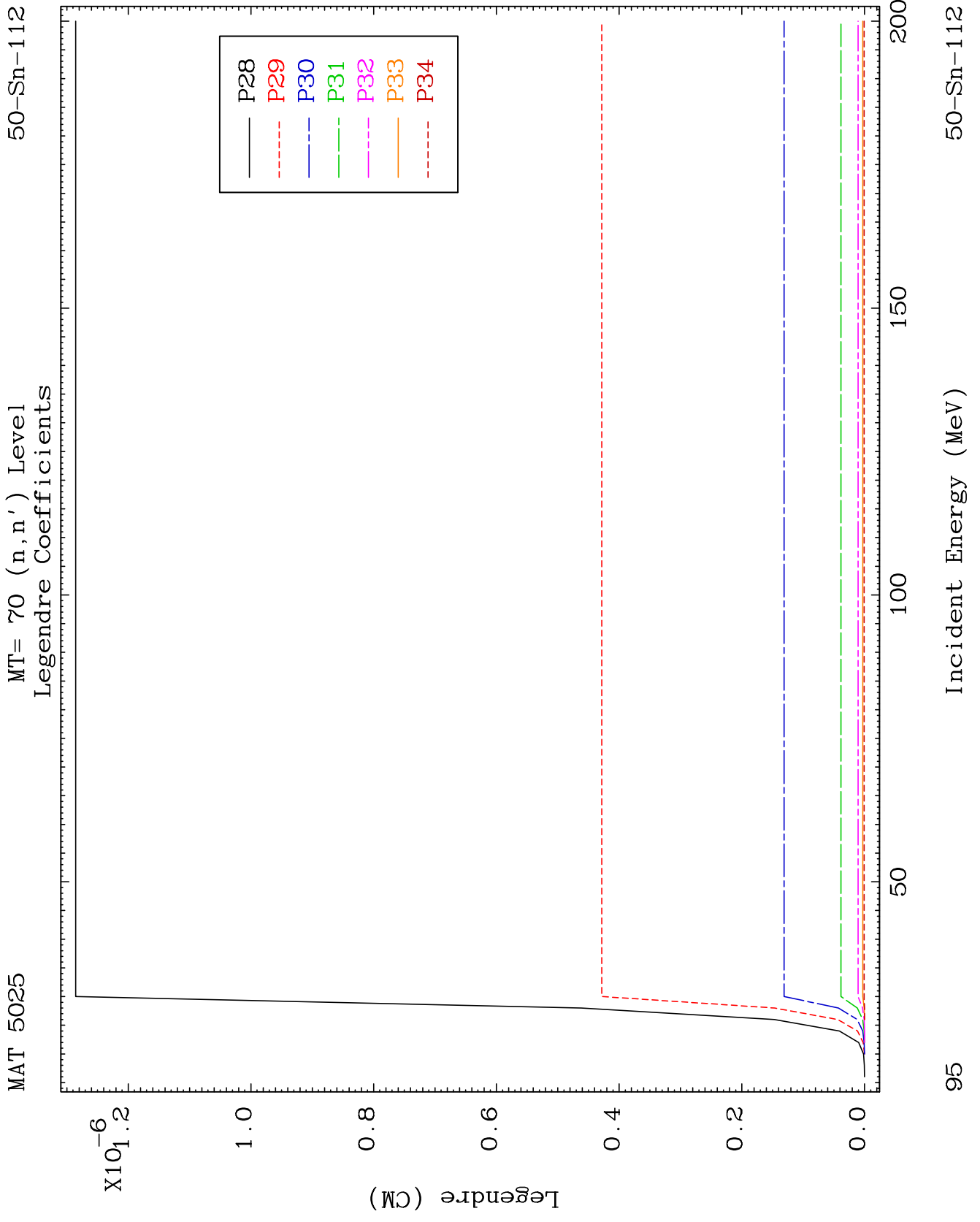
50-Sn-112



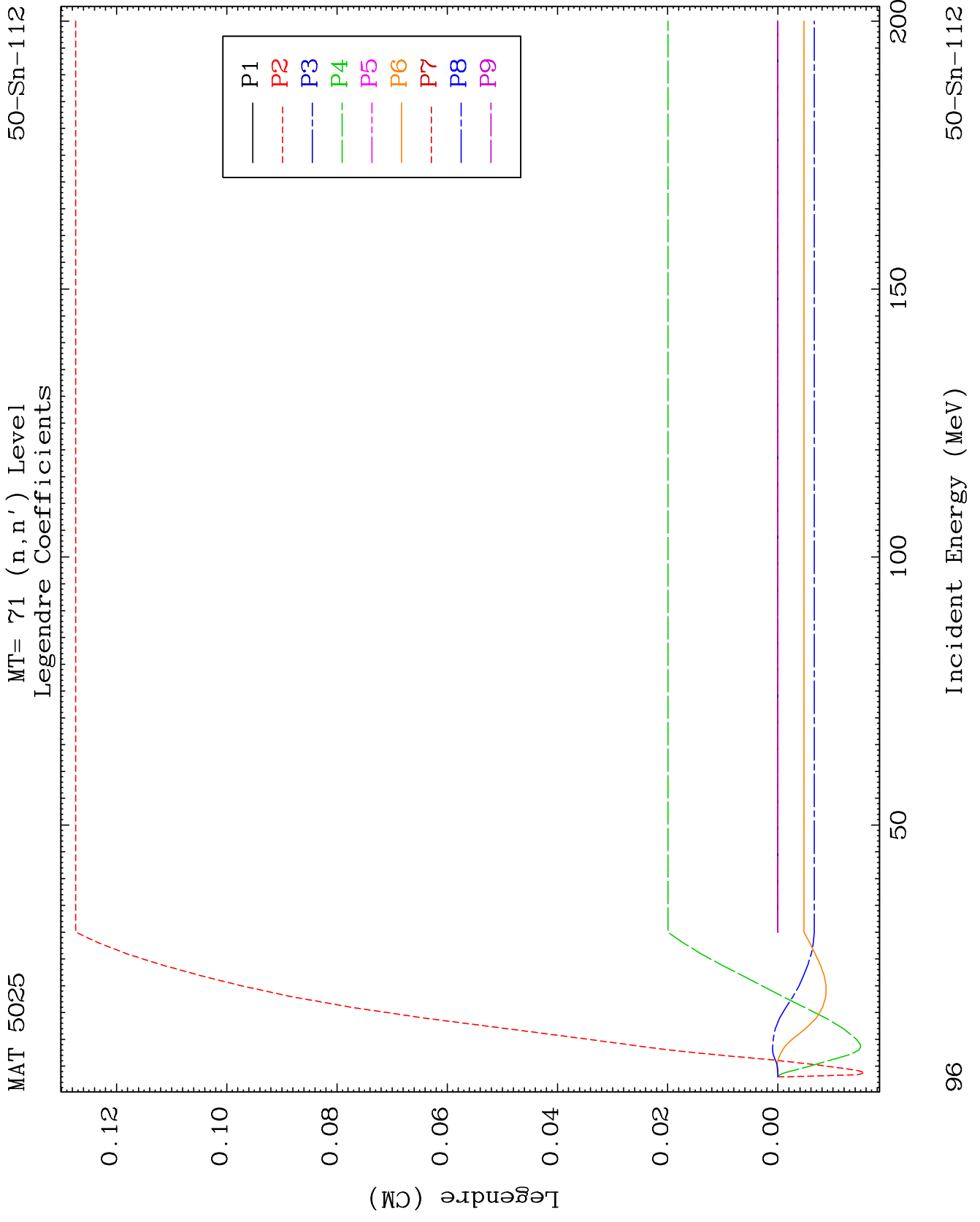


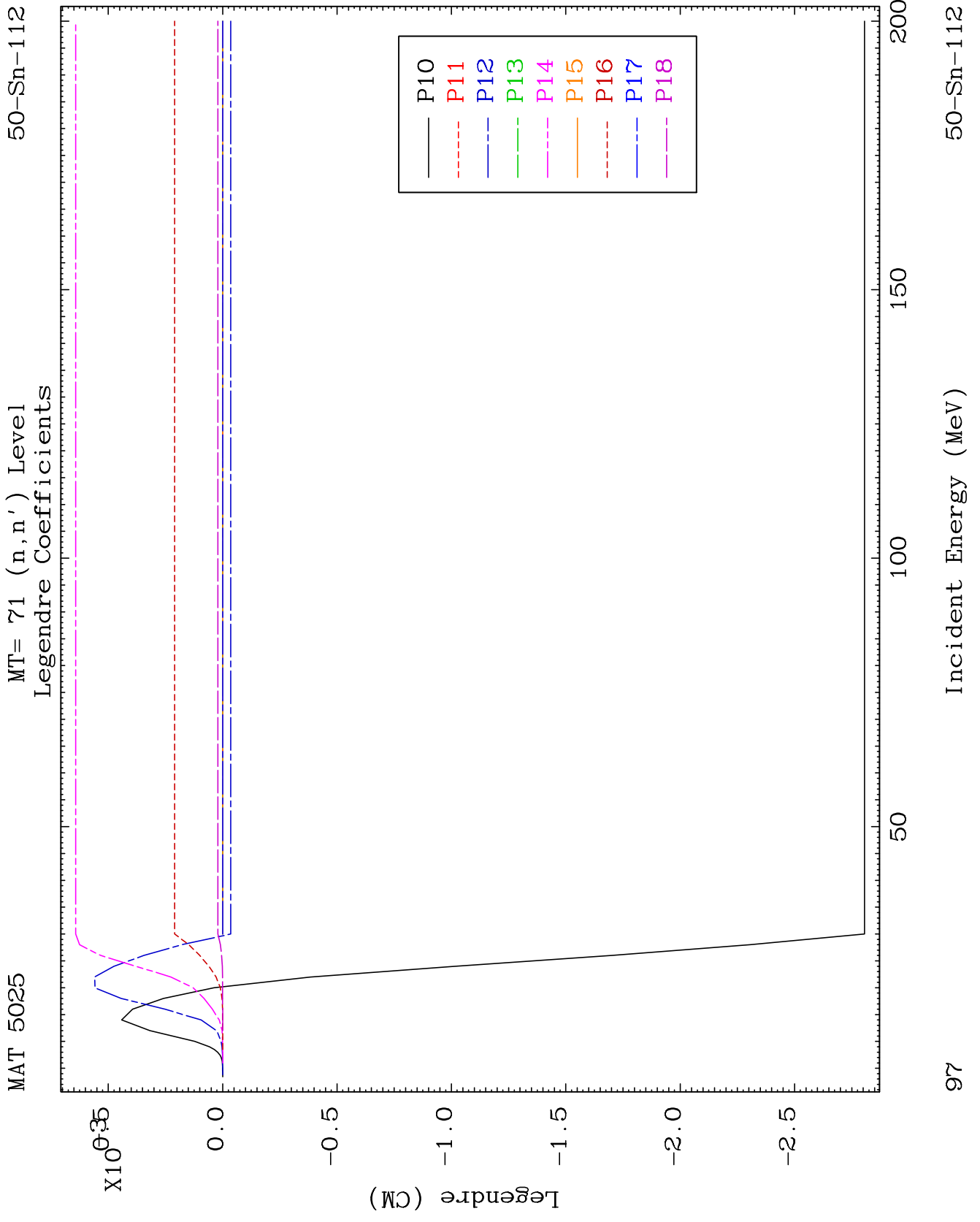




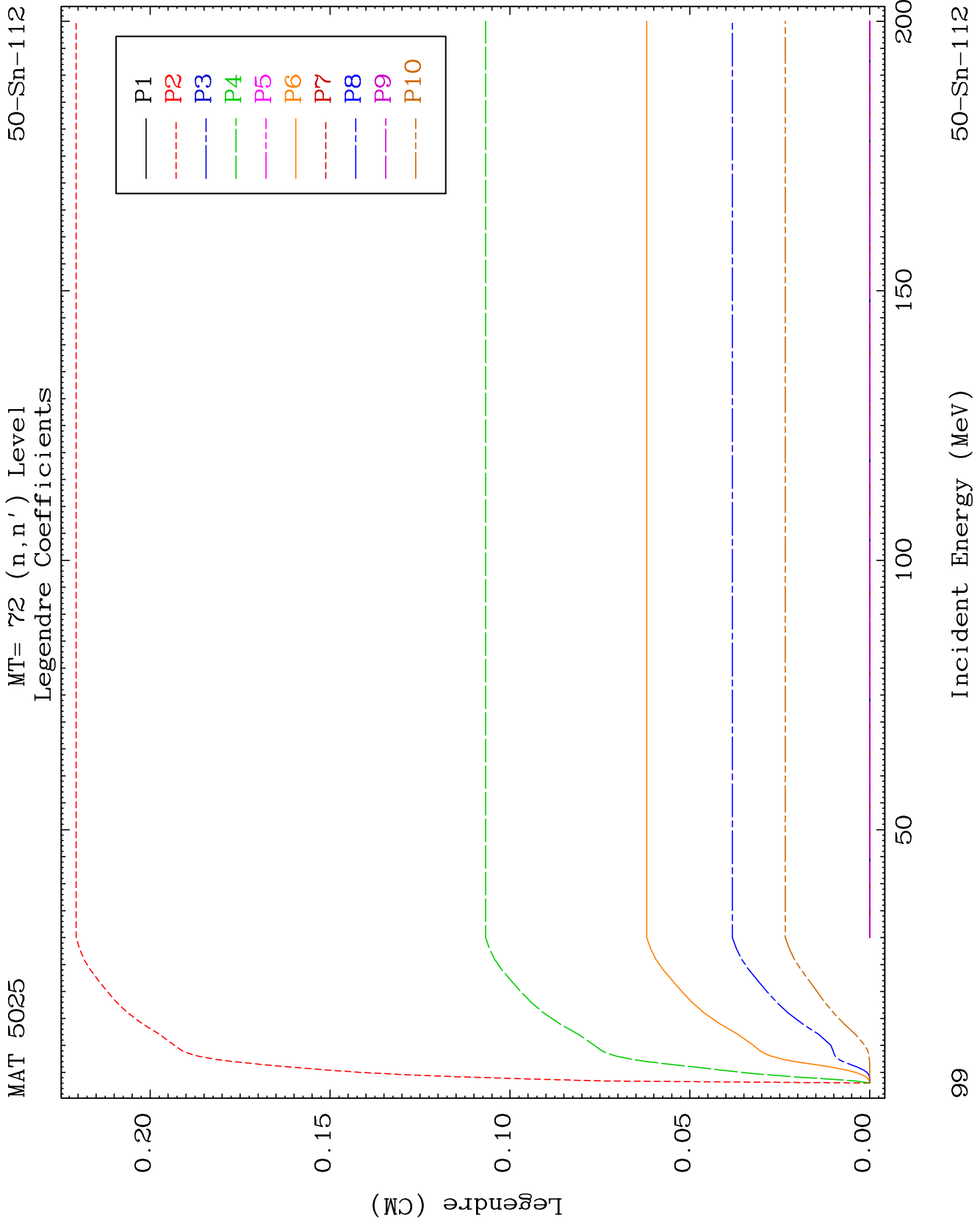


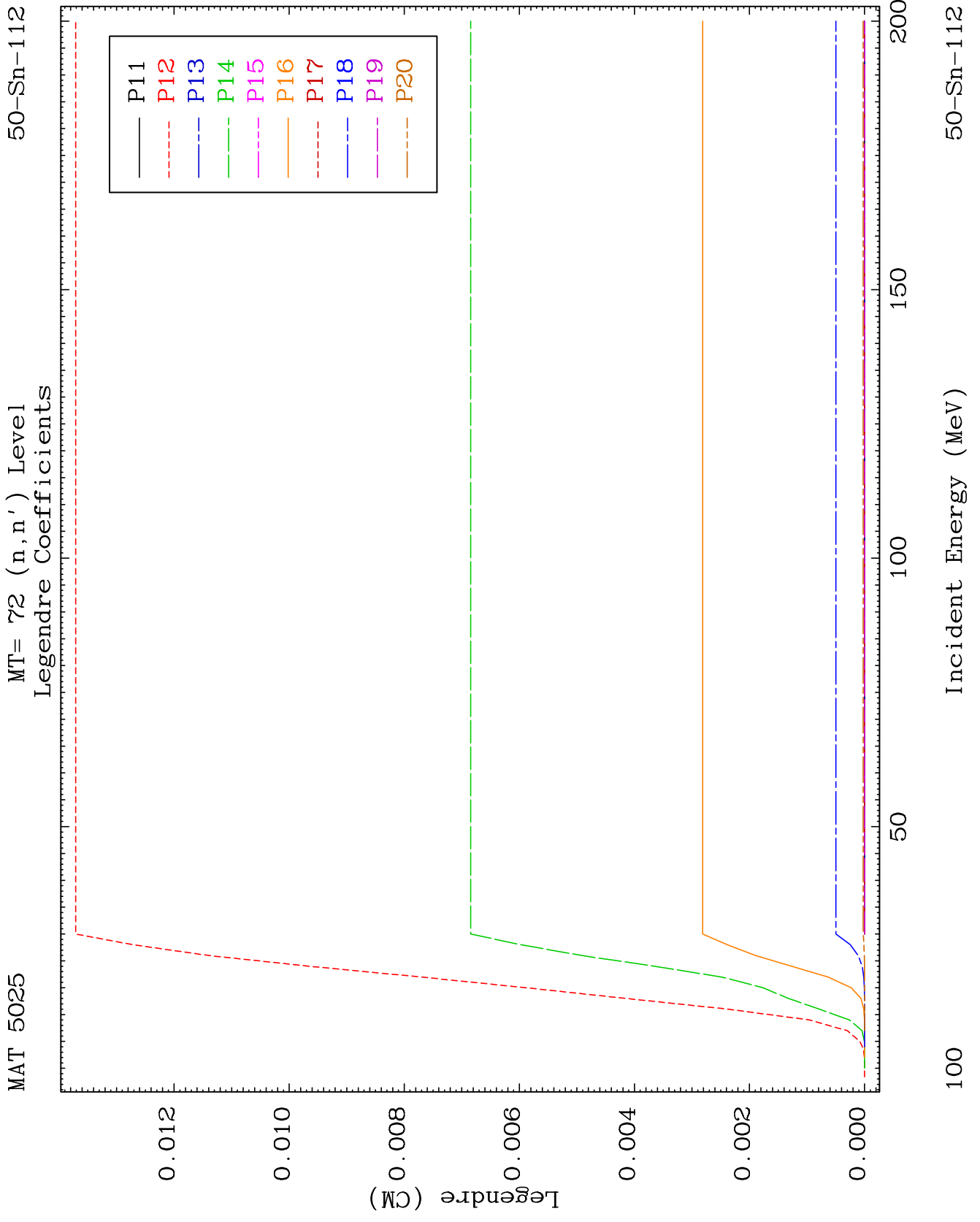


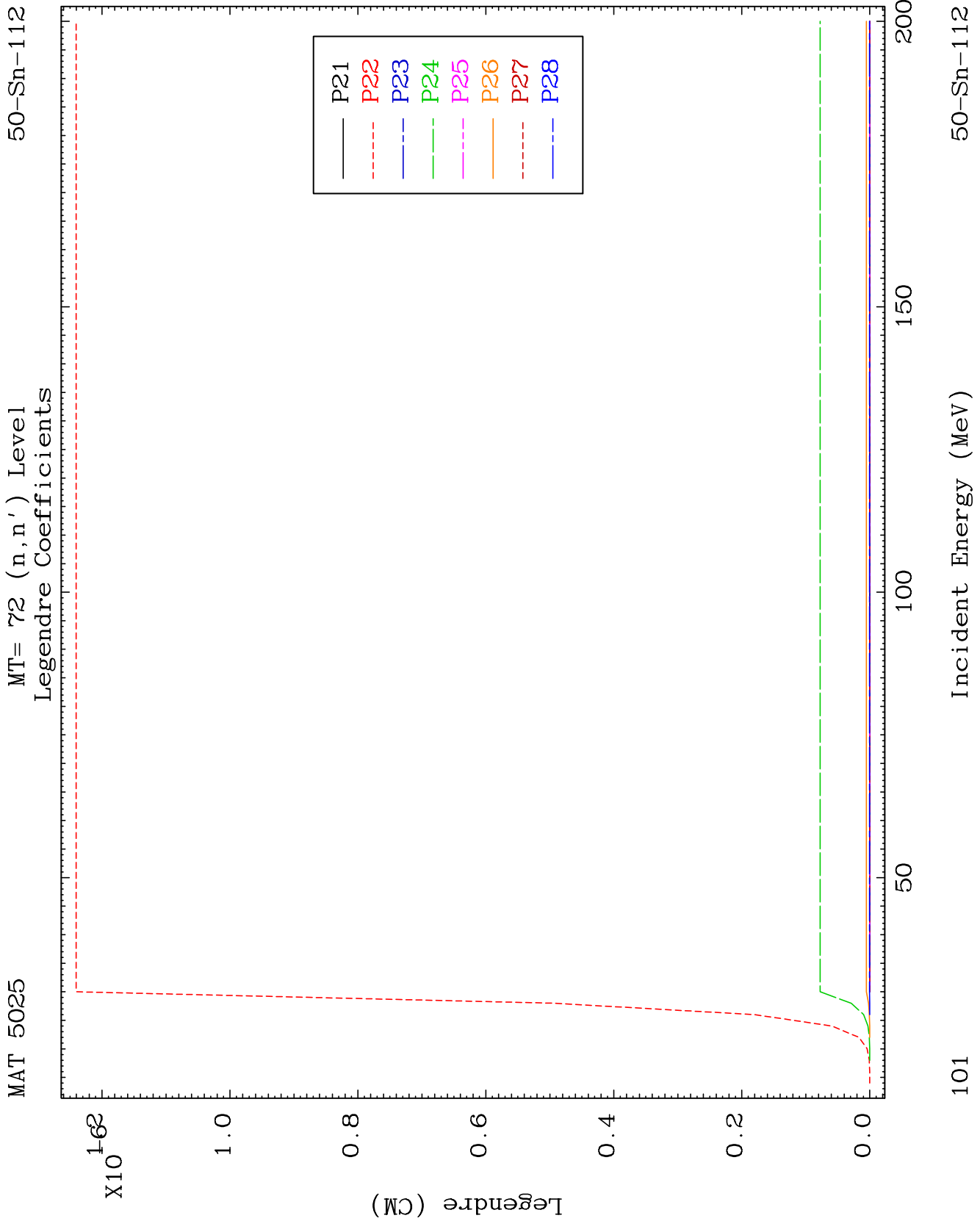


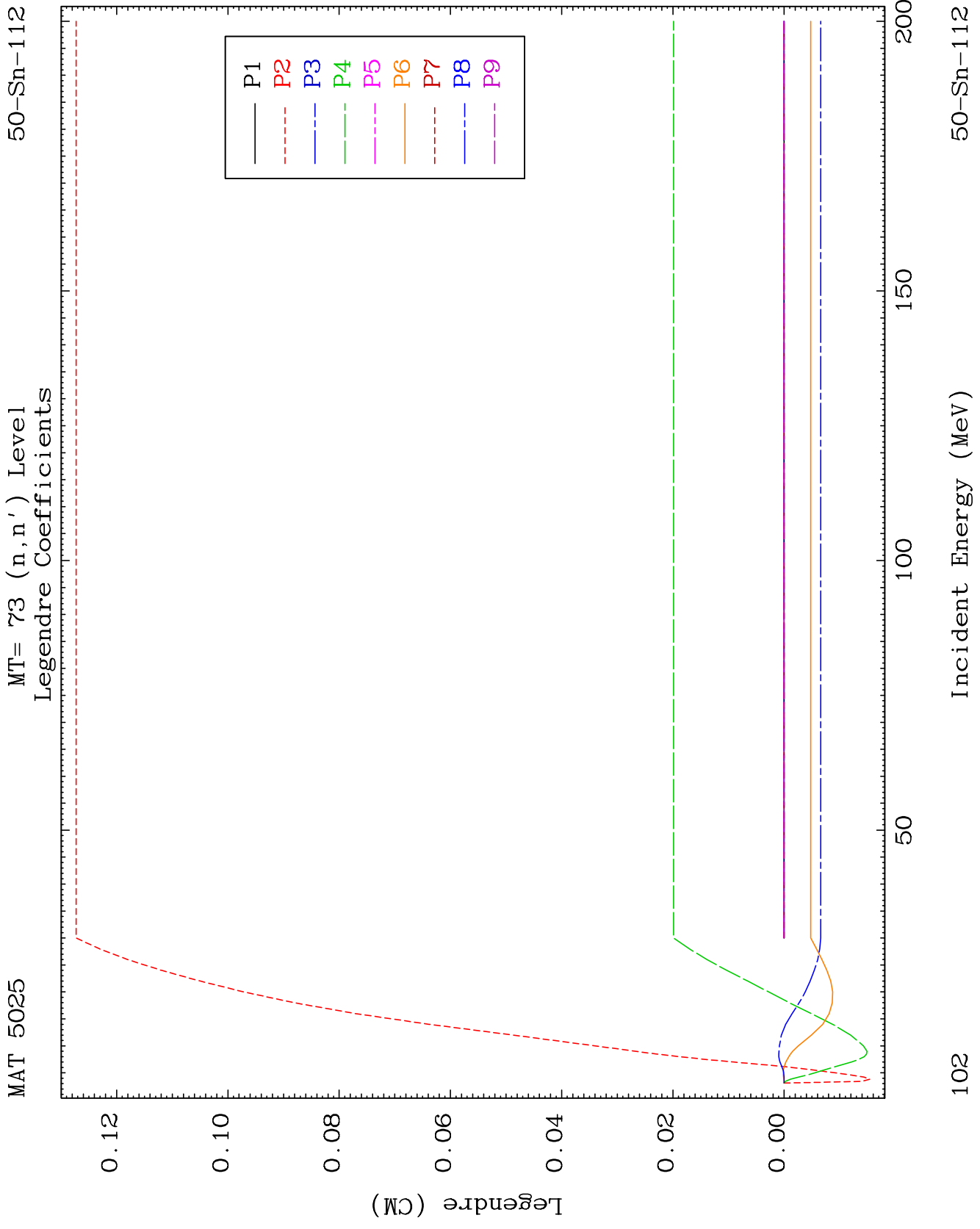








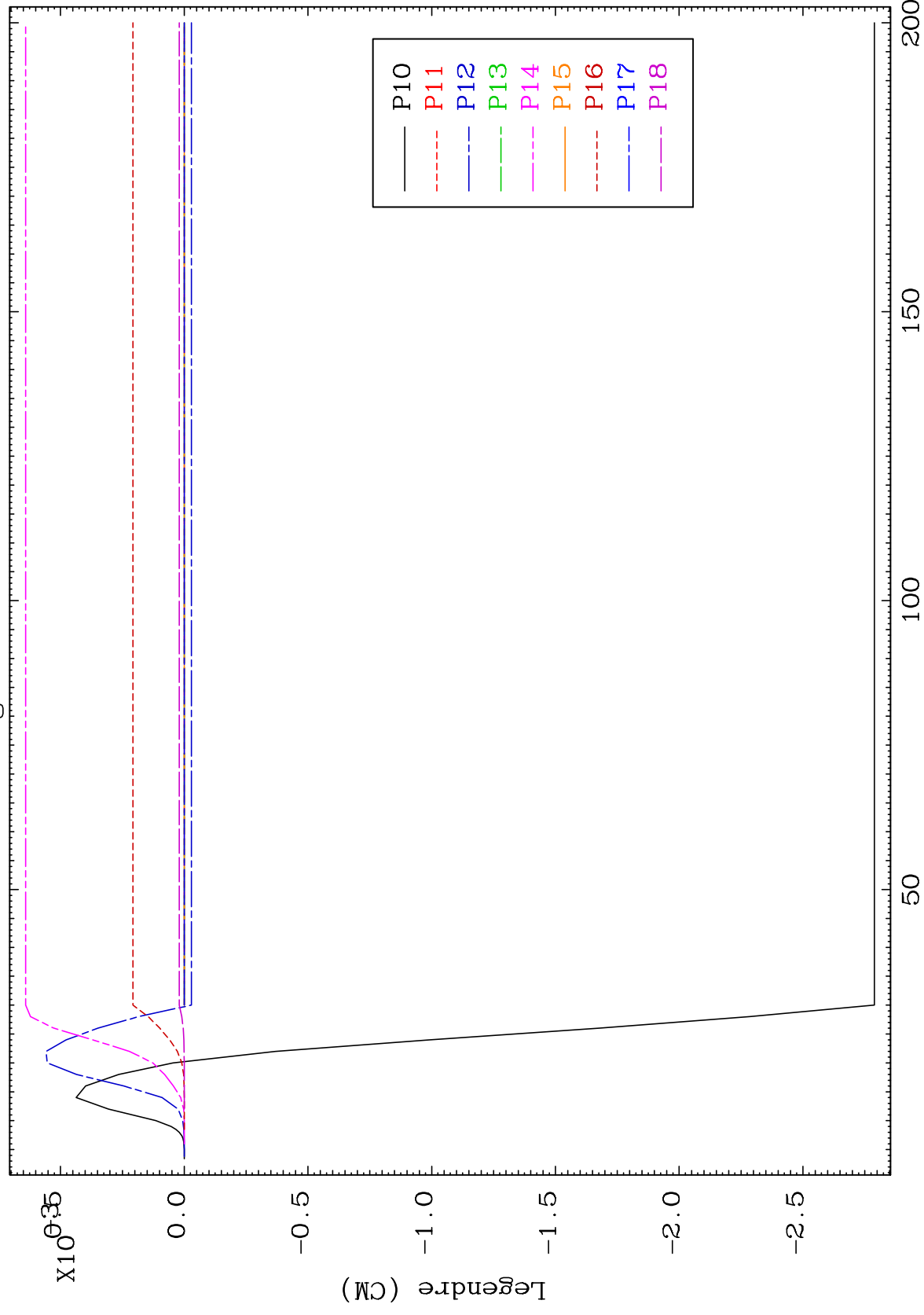




MAT 5025

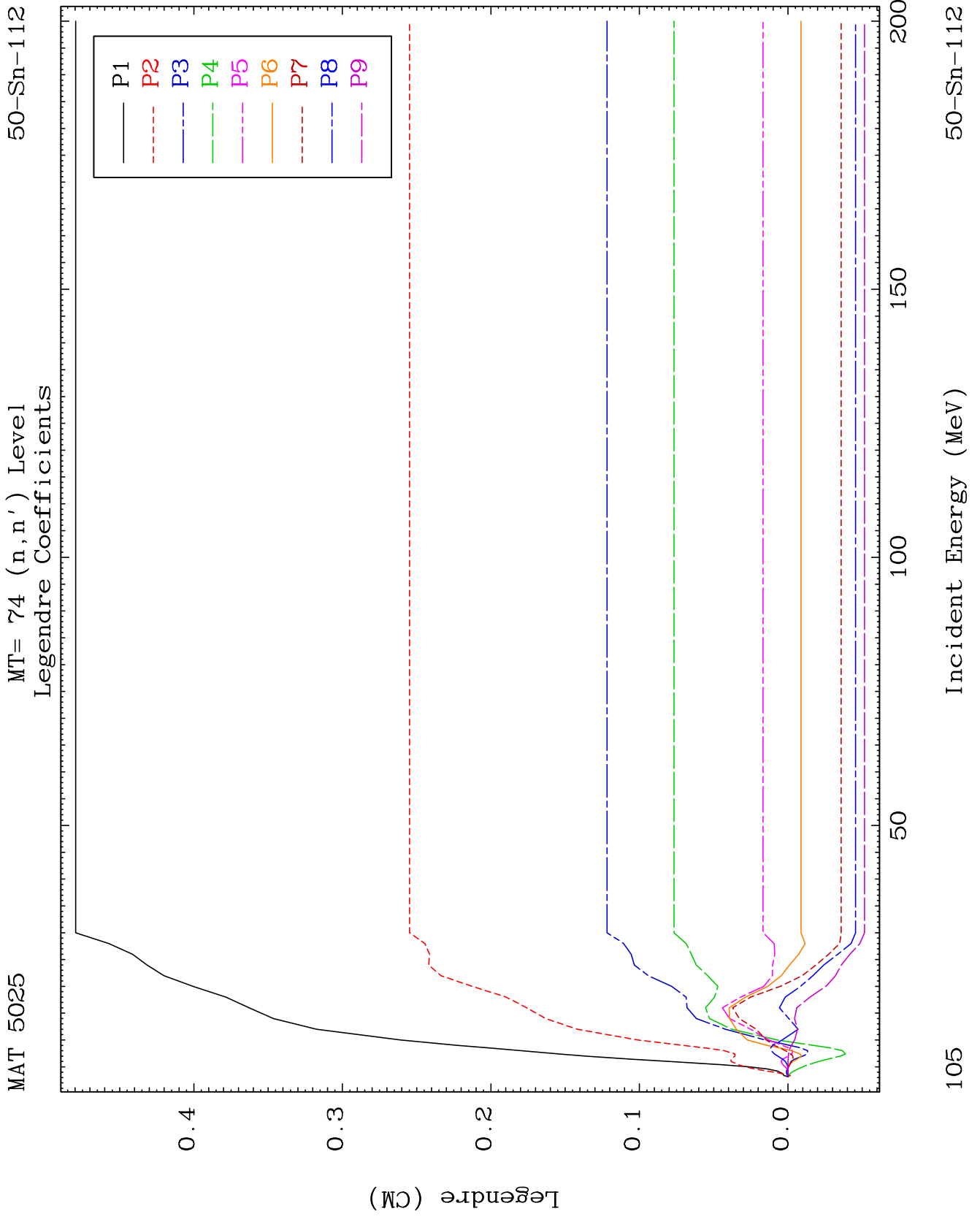
MT= 73 (n,n') Level  
Legendre Coefficients

50-Sn-112





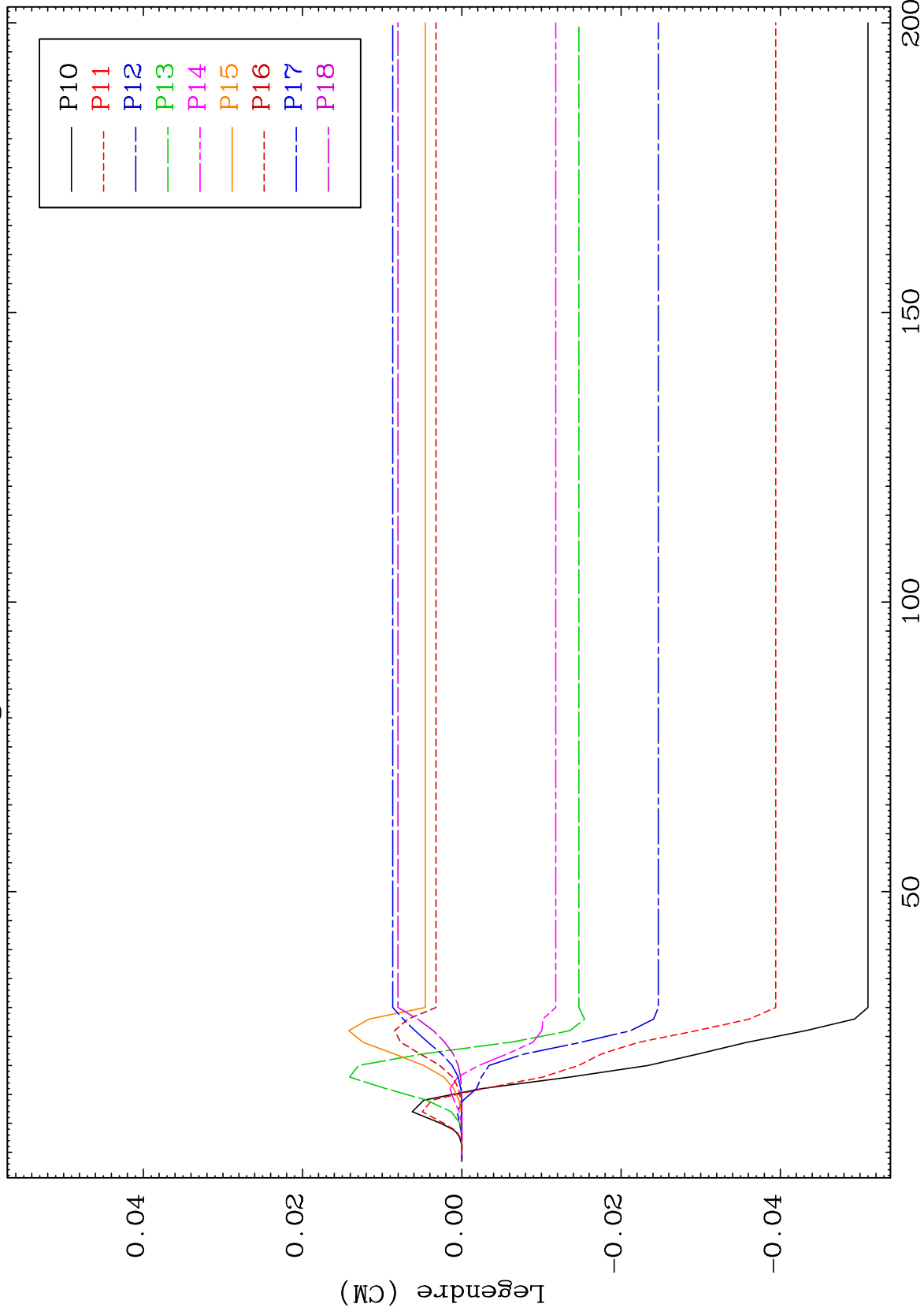




MAT 5025

MT= 74 (n,n') Level  
Legendre Coefficients

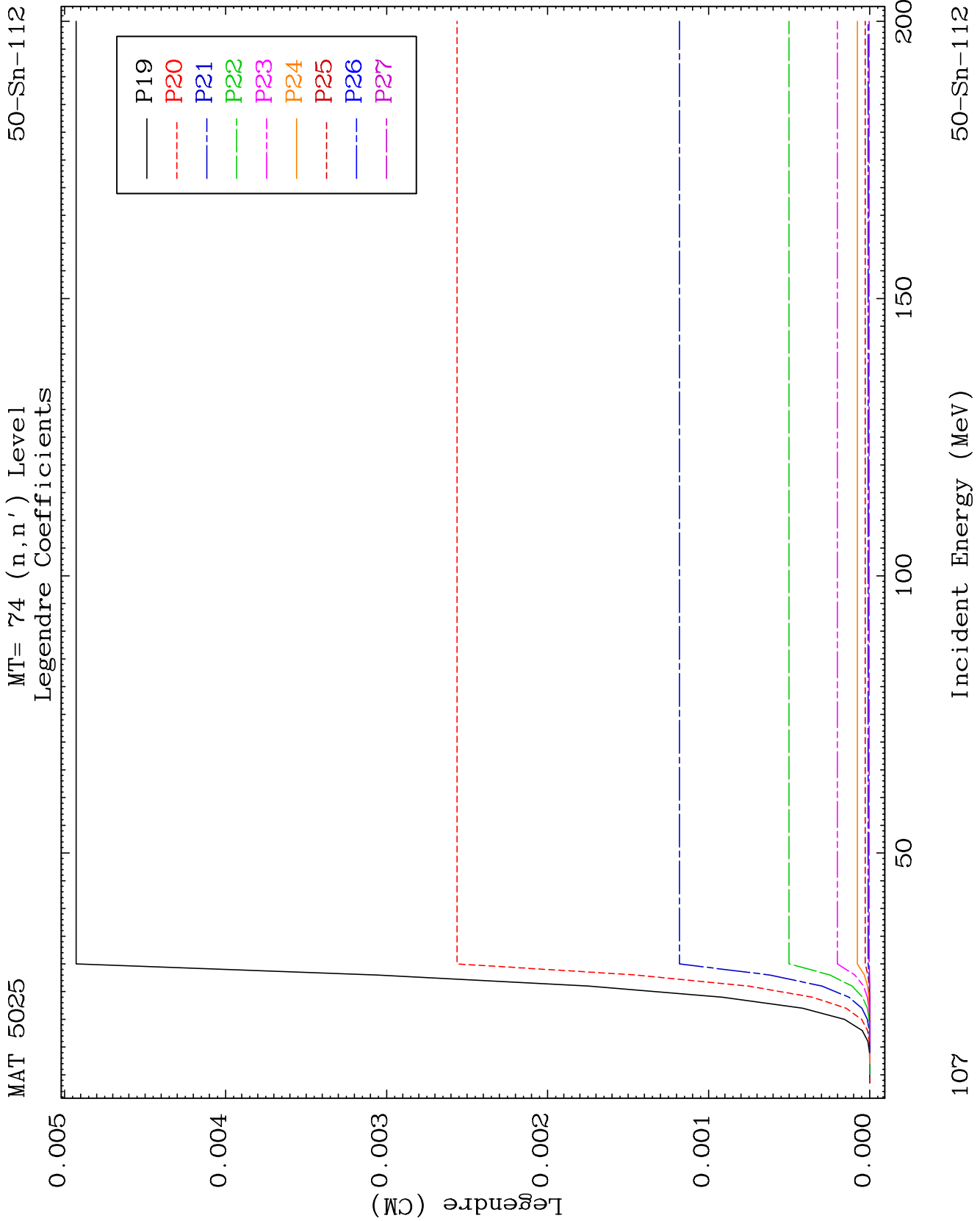
50-Sn-112



106

Incident Energy (MeV)

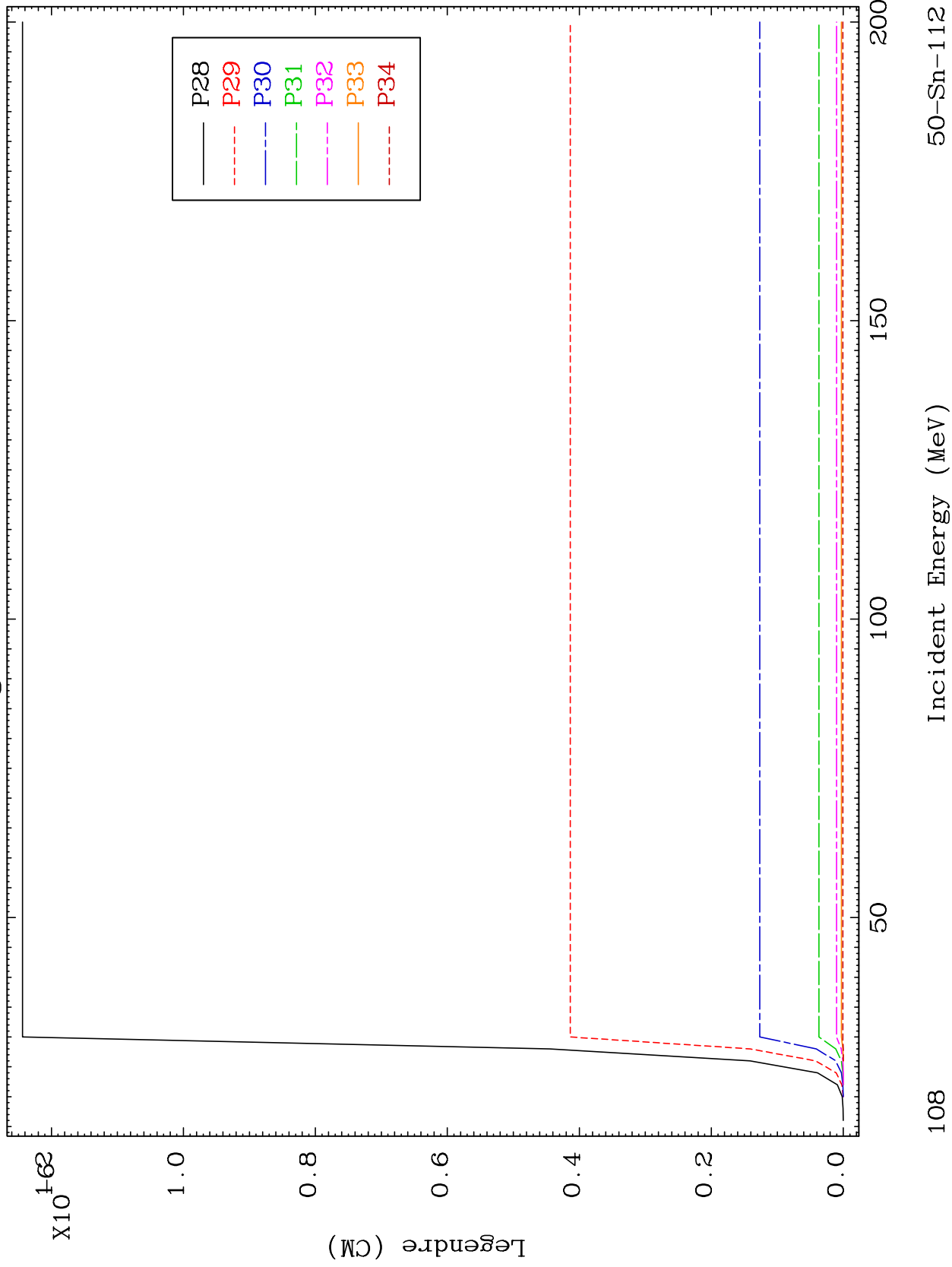
50-Sn-112



MAT 5025

MT= 74 (n,n') Level  
Legendre Coefficients

50-Sn-112

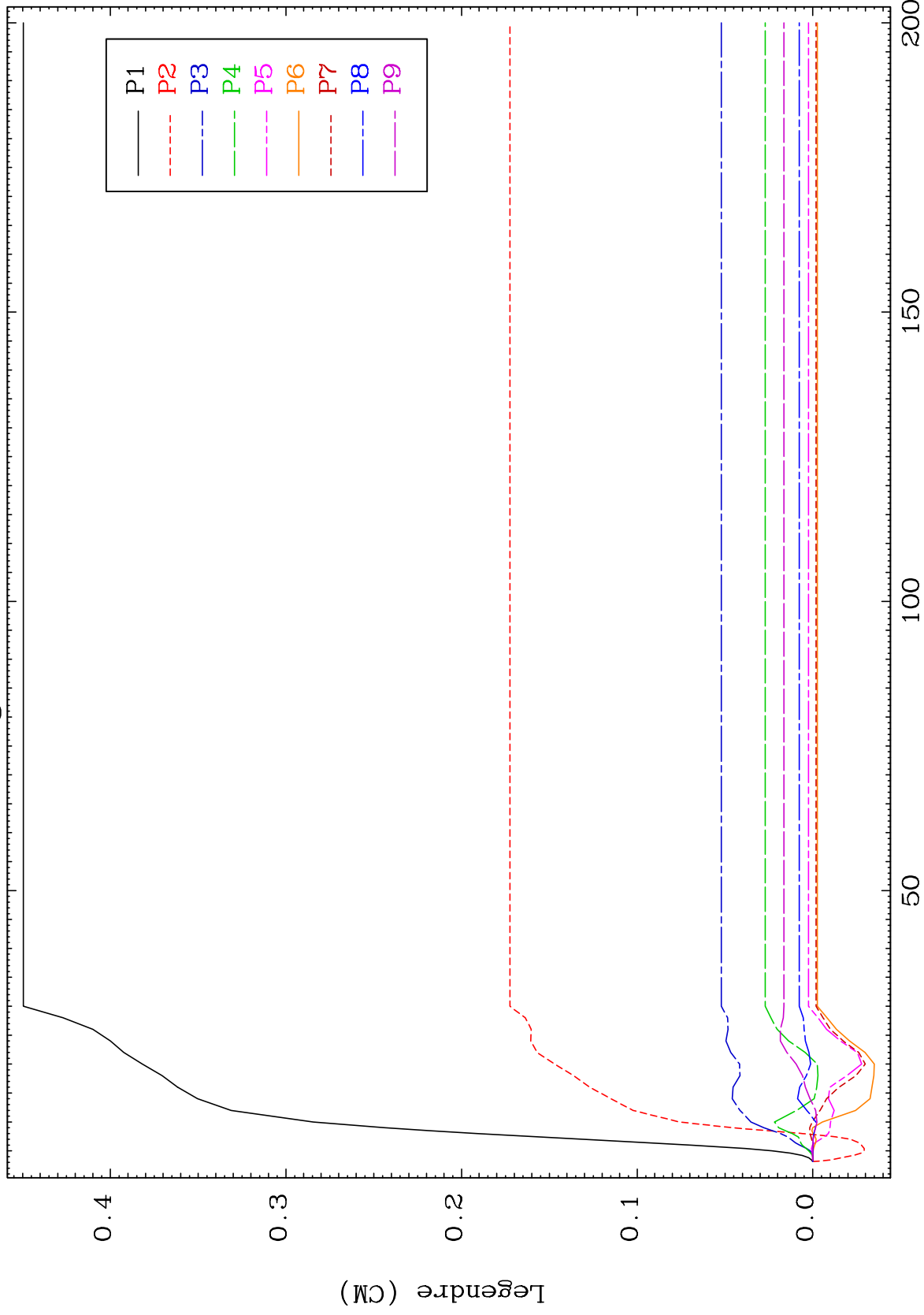


108

MAT 5025

MT= 75 (n,n') Level  
Legendre Coefficients

50-Sn-112



109

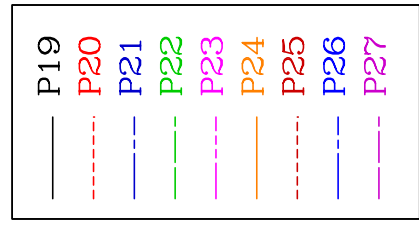
50-Sn-112



MAT 5025

MT= 75 (n,n') Level  
Legendre Coefficients

50-Sn-112



$\times 10^{-3}$   
1.5  
1.0

Legendre (CM)

0.5

0.0

50

100

150

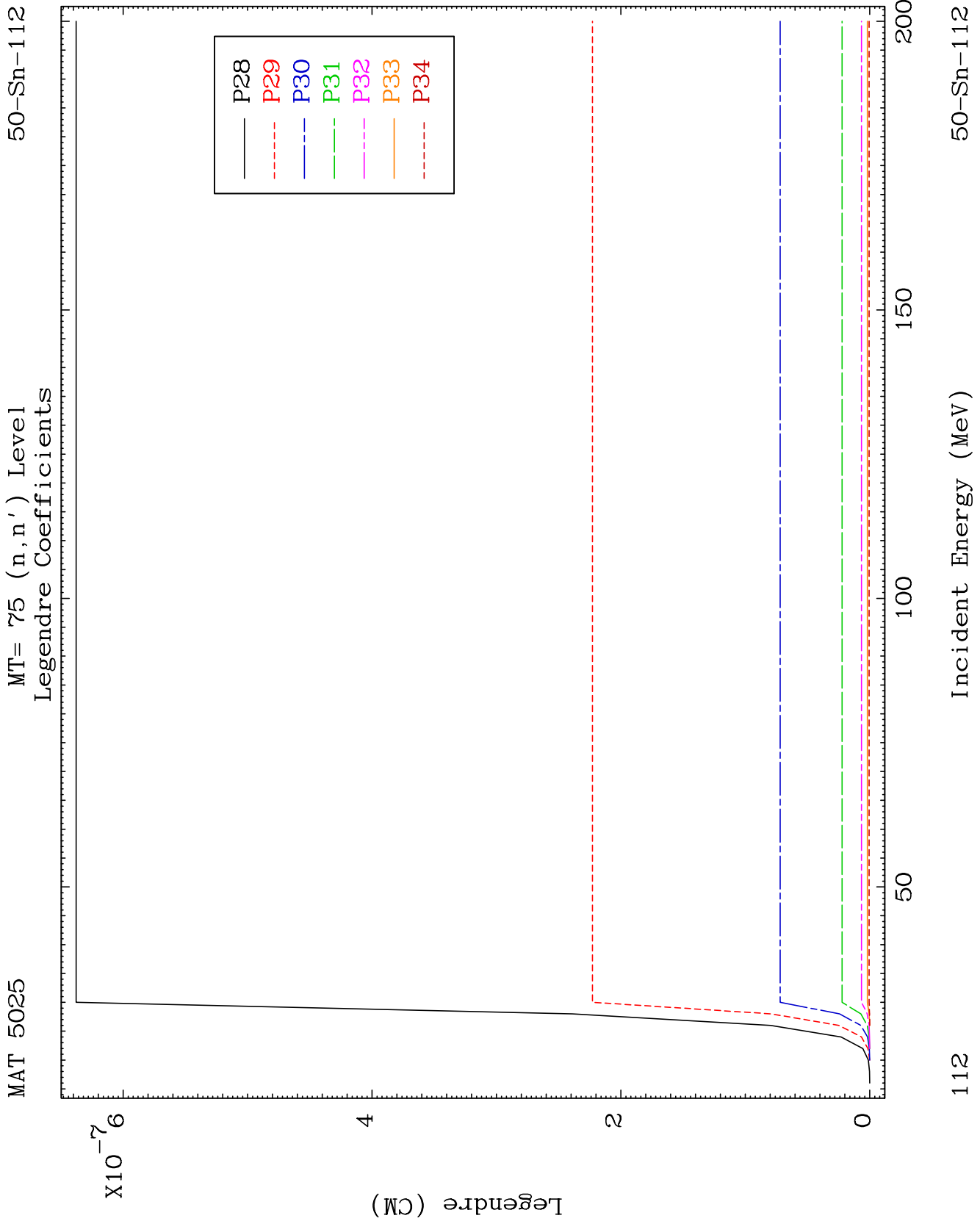
200

111

Incident Energy (MeV)

50-Sn-112

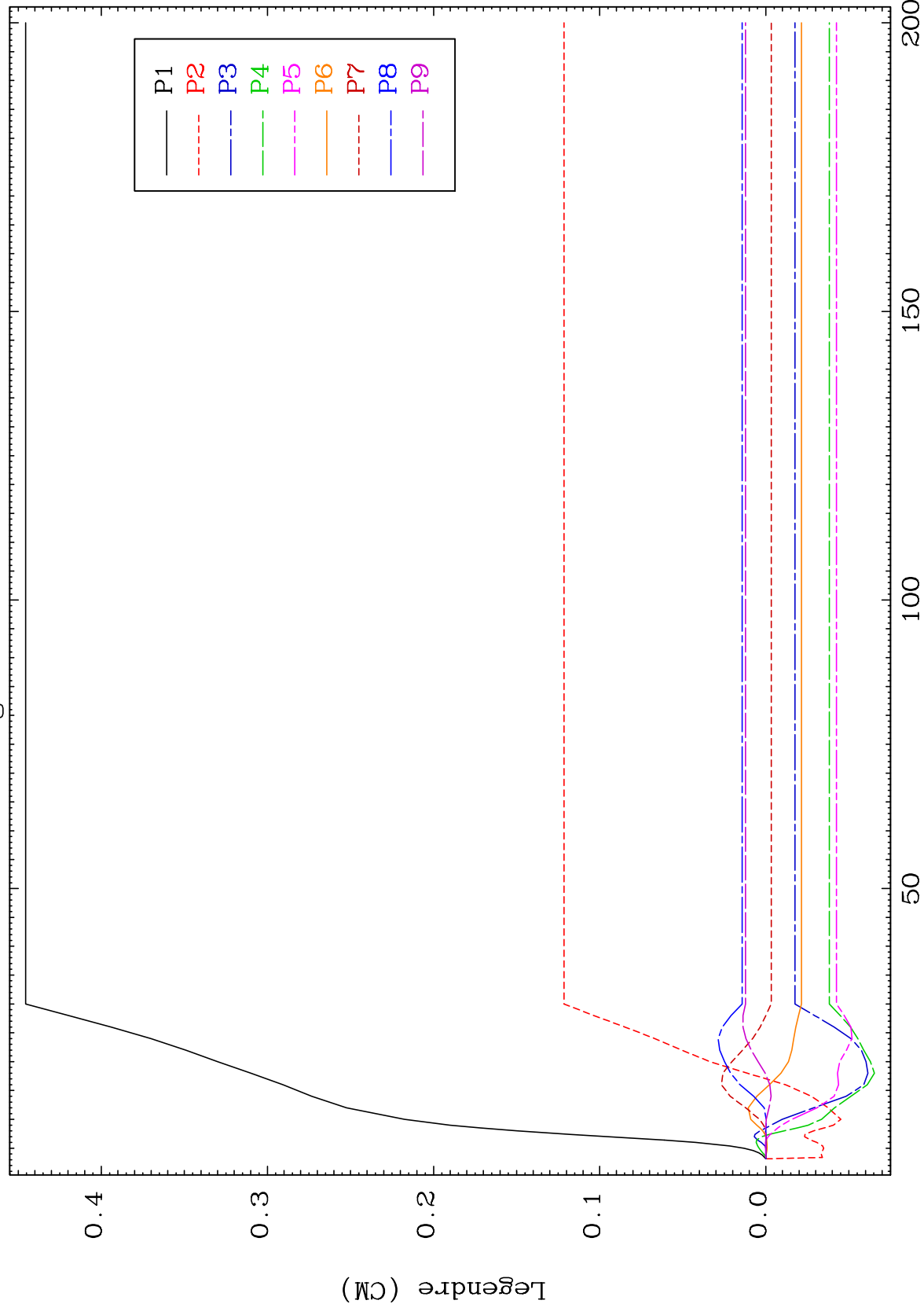




MAT 5025

MT= 76 (n,n') Level  
Legendre Coefficients

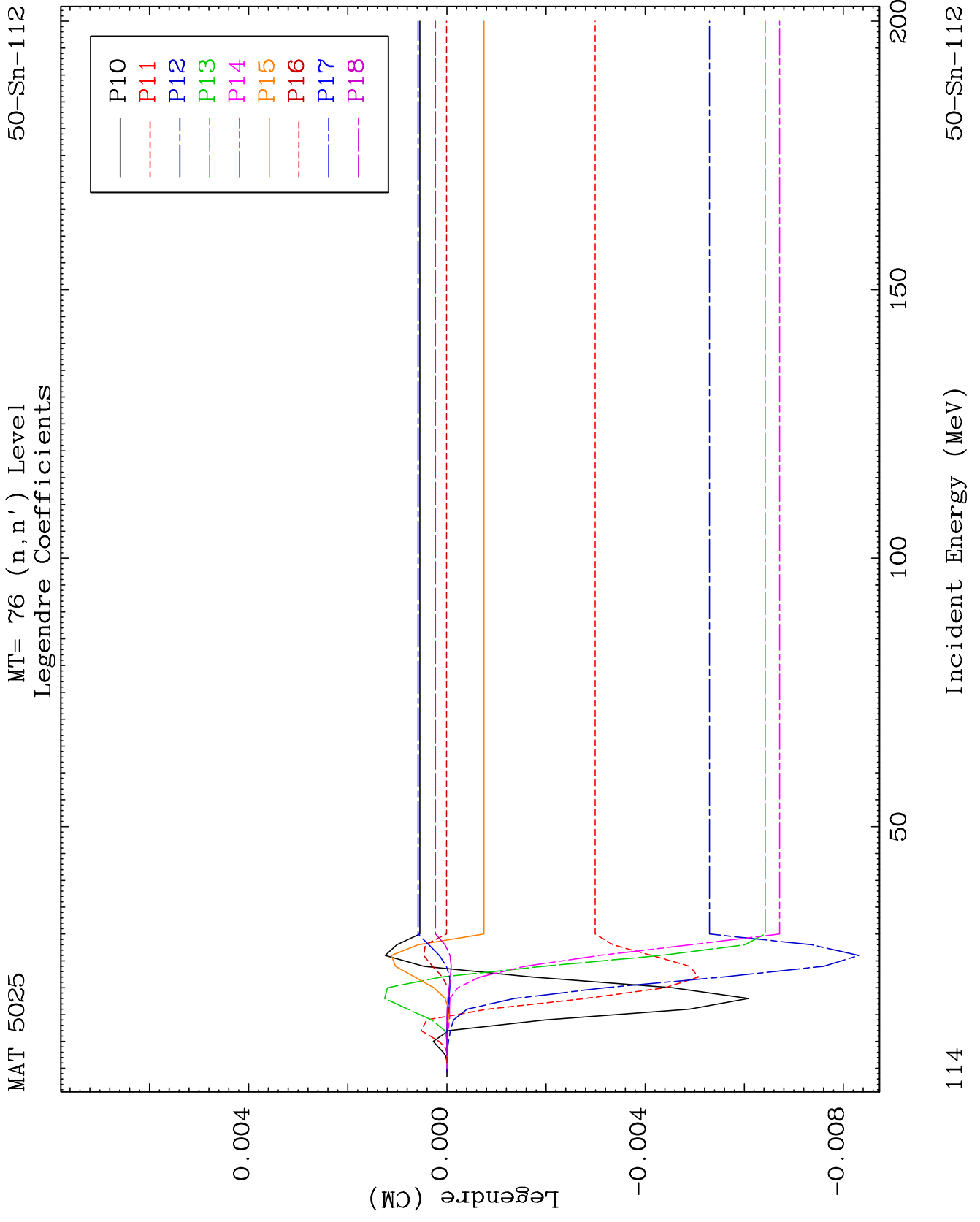
50-Sn-112

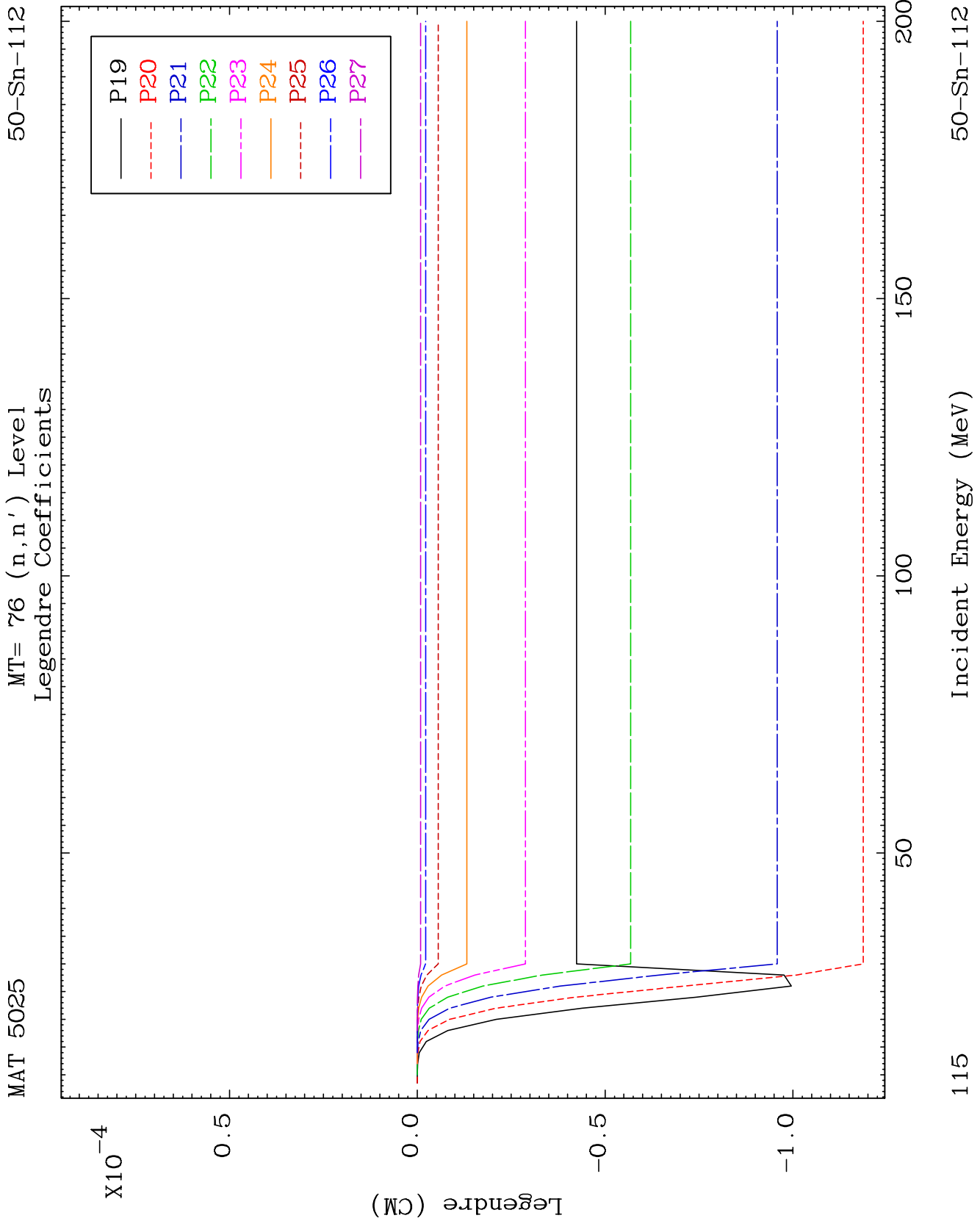


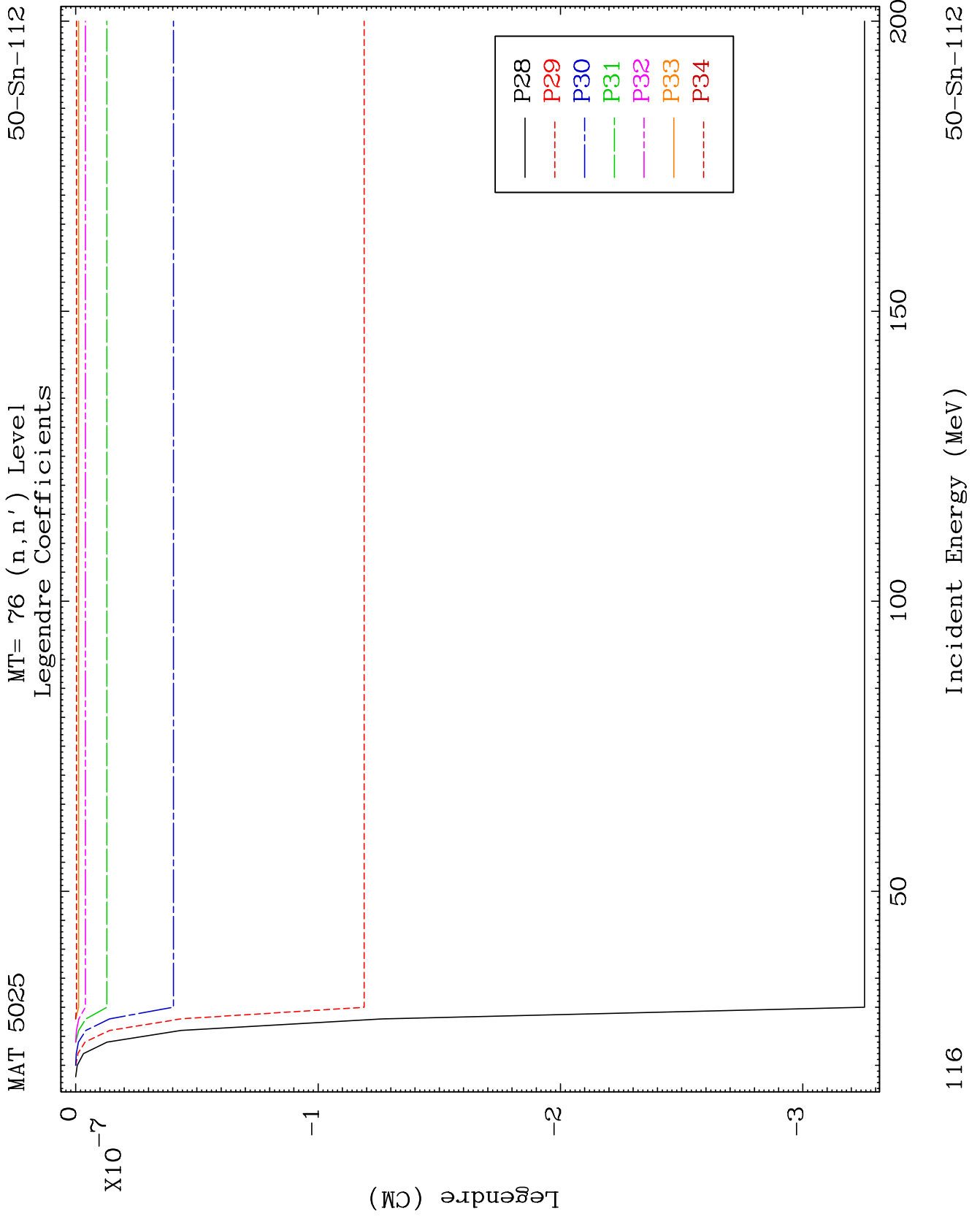
113

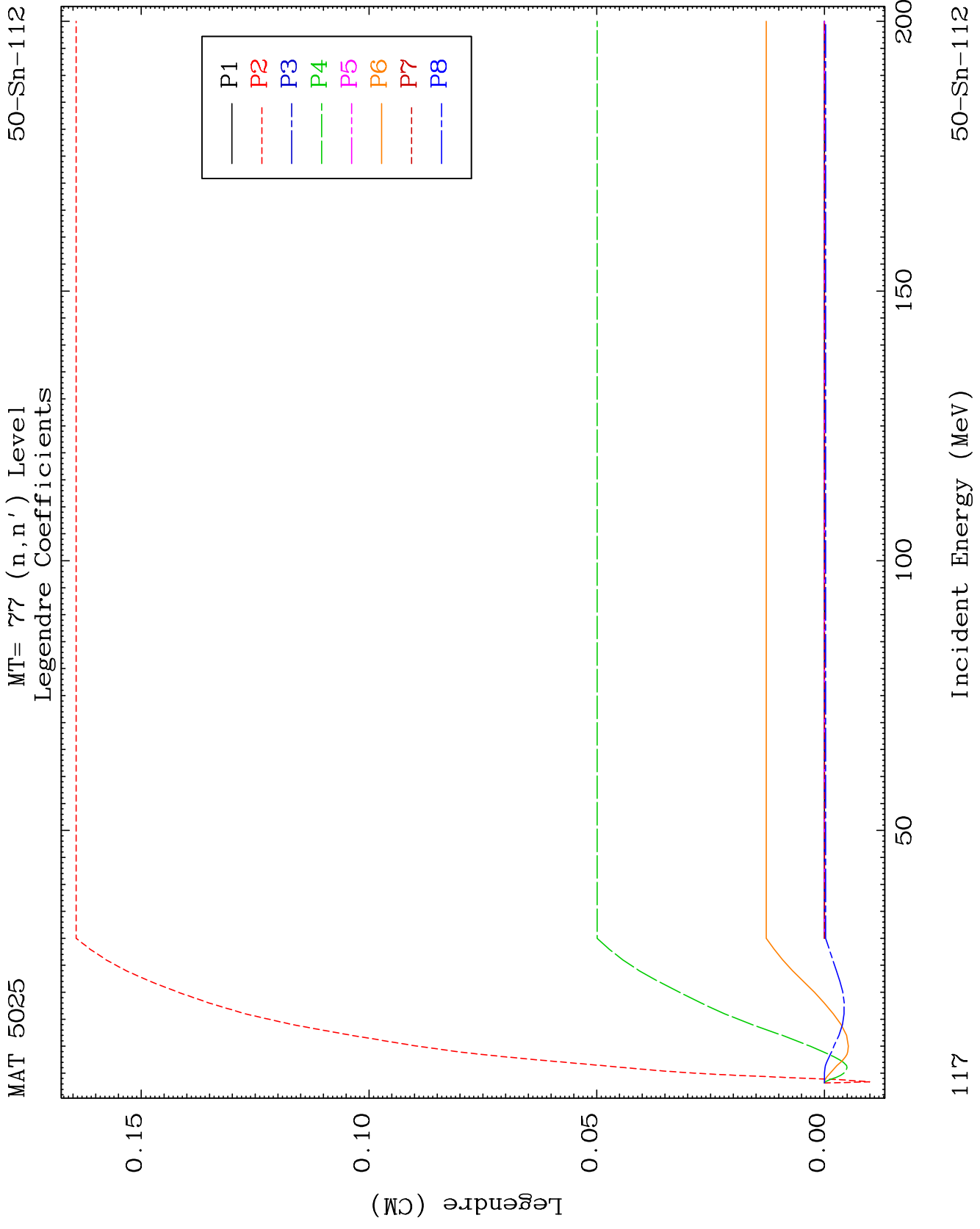
Incident Energy (MeV)

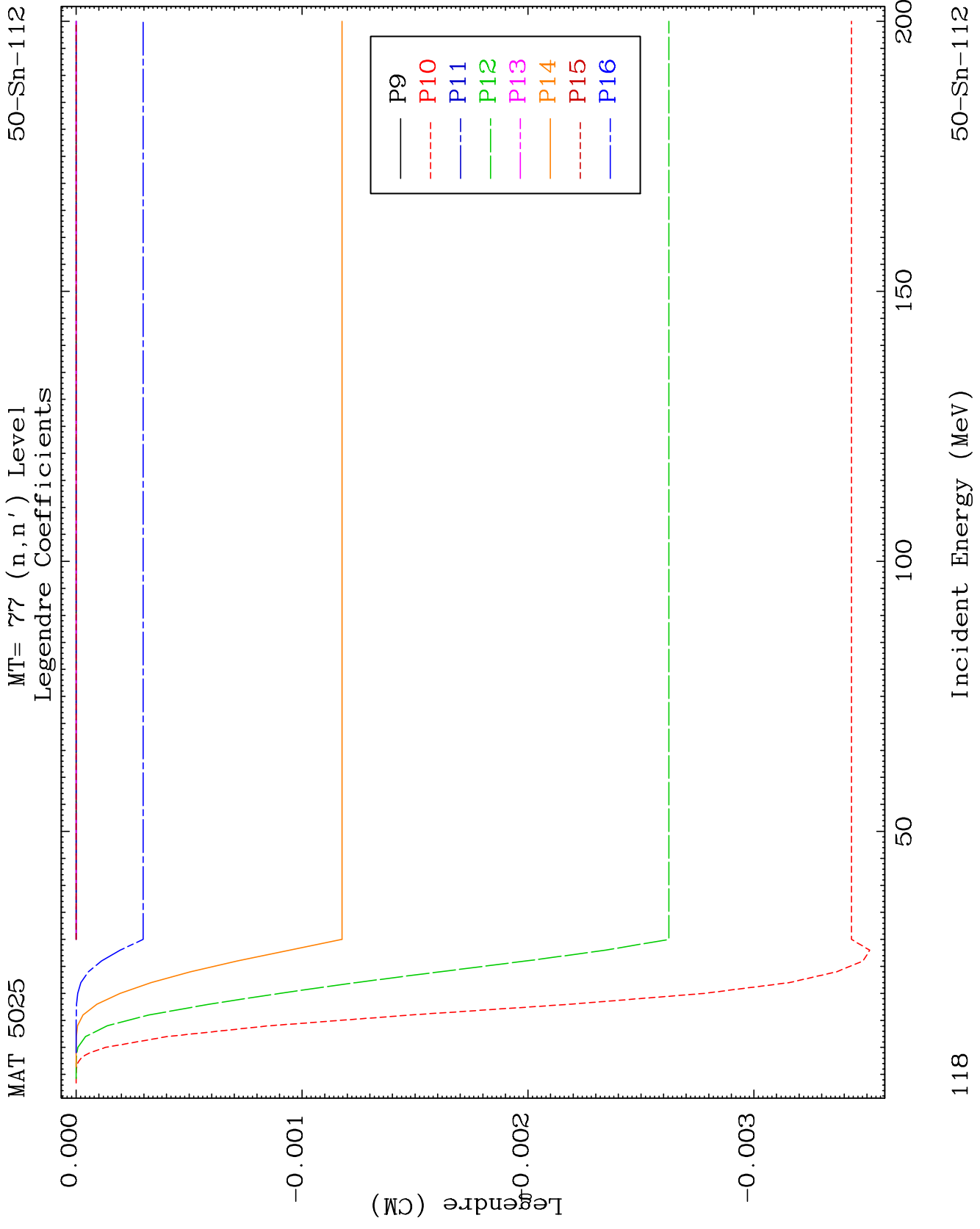
50-Sn-112

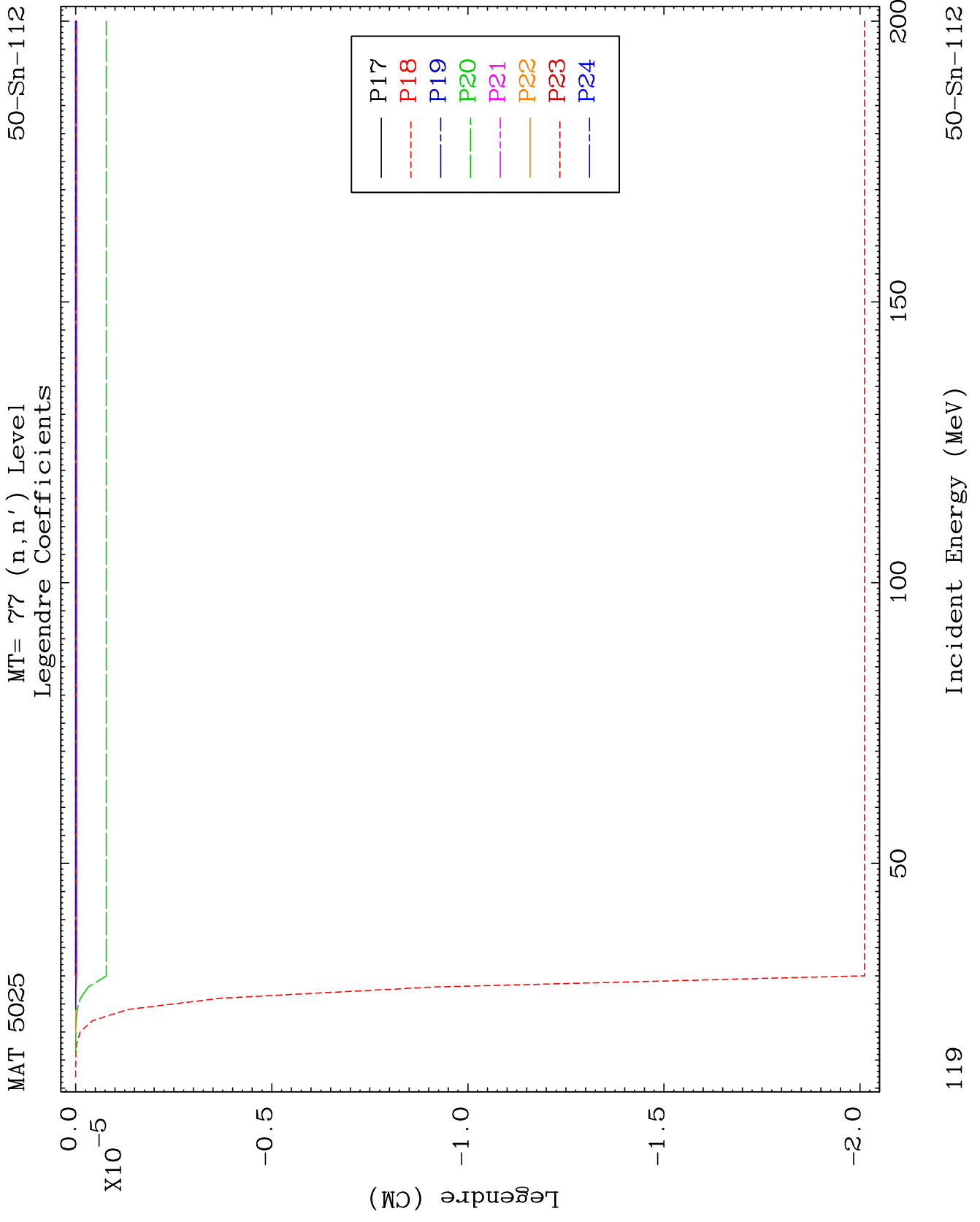




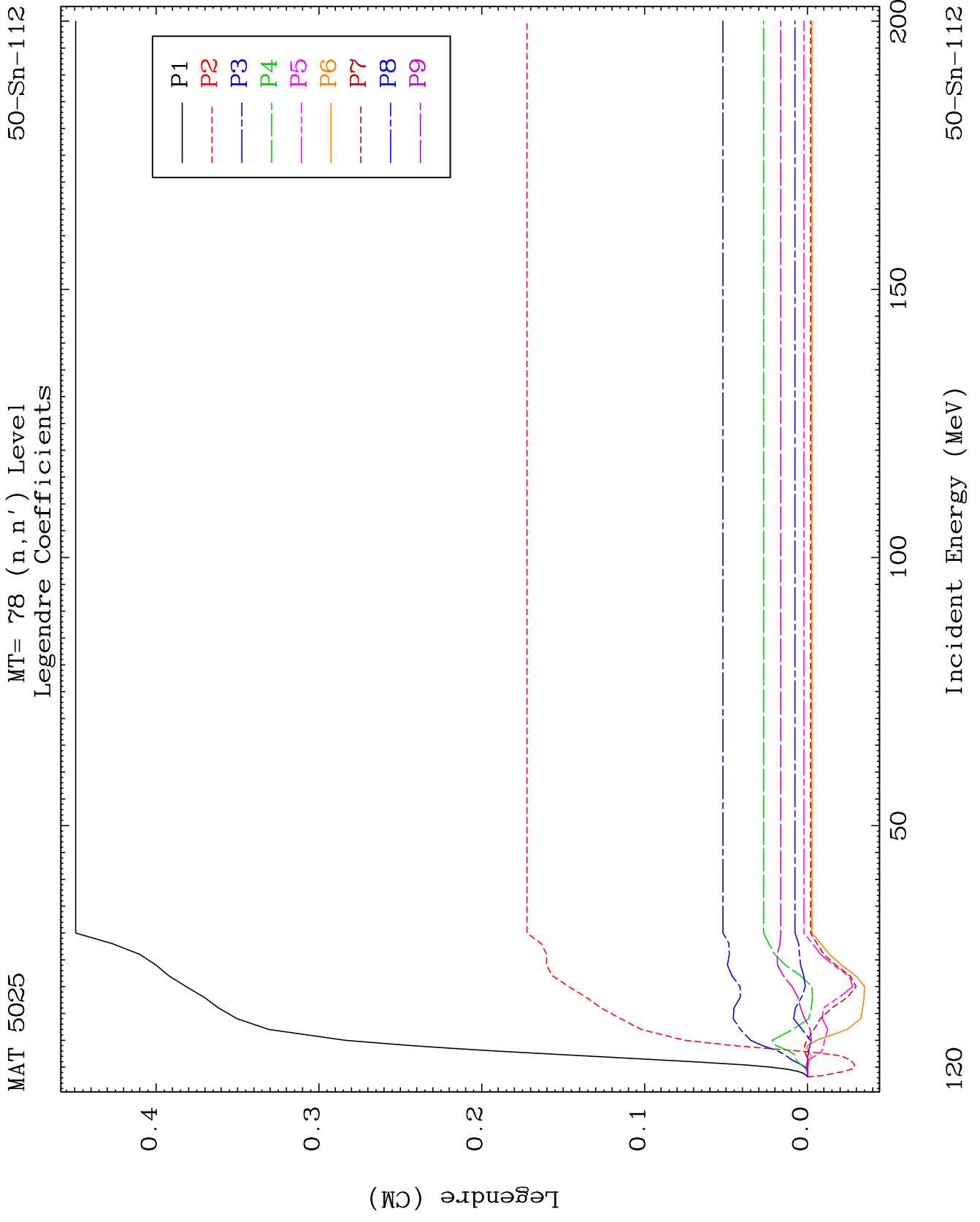










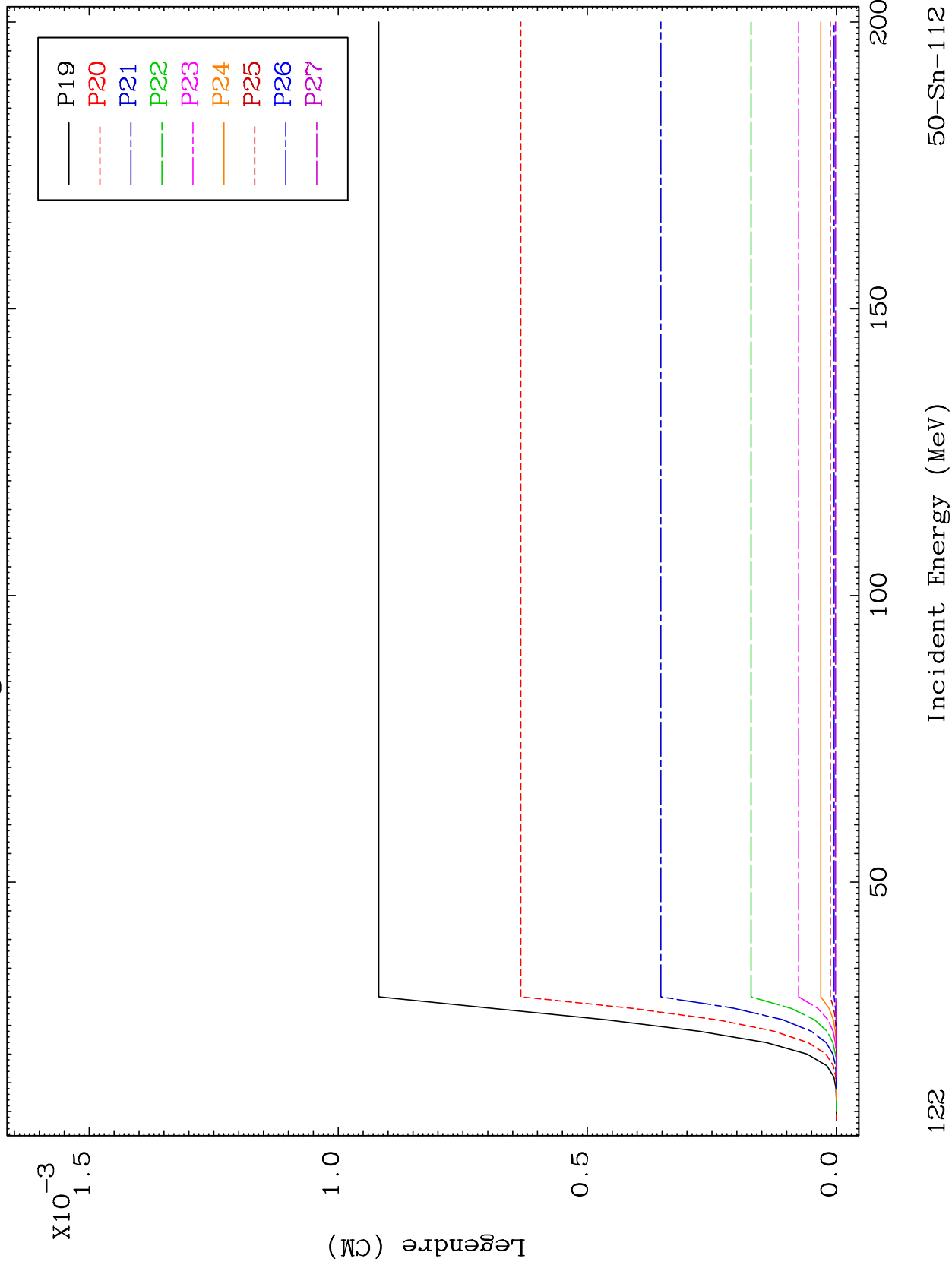




MAT 5025

MT= 78 (n,n') Level  
Legendre Coefficients

50-Sn-112

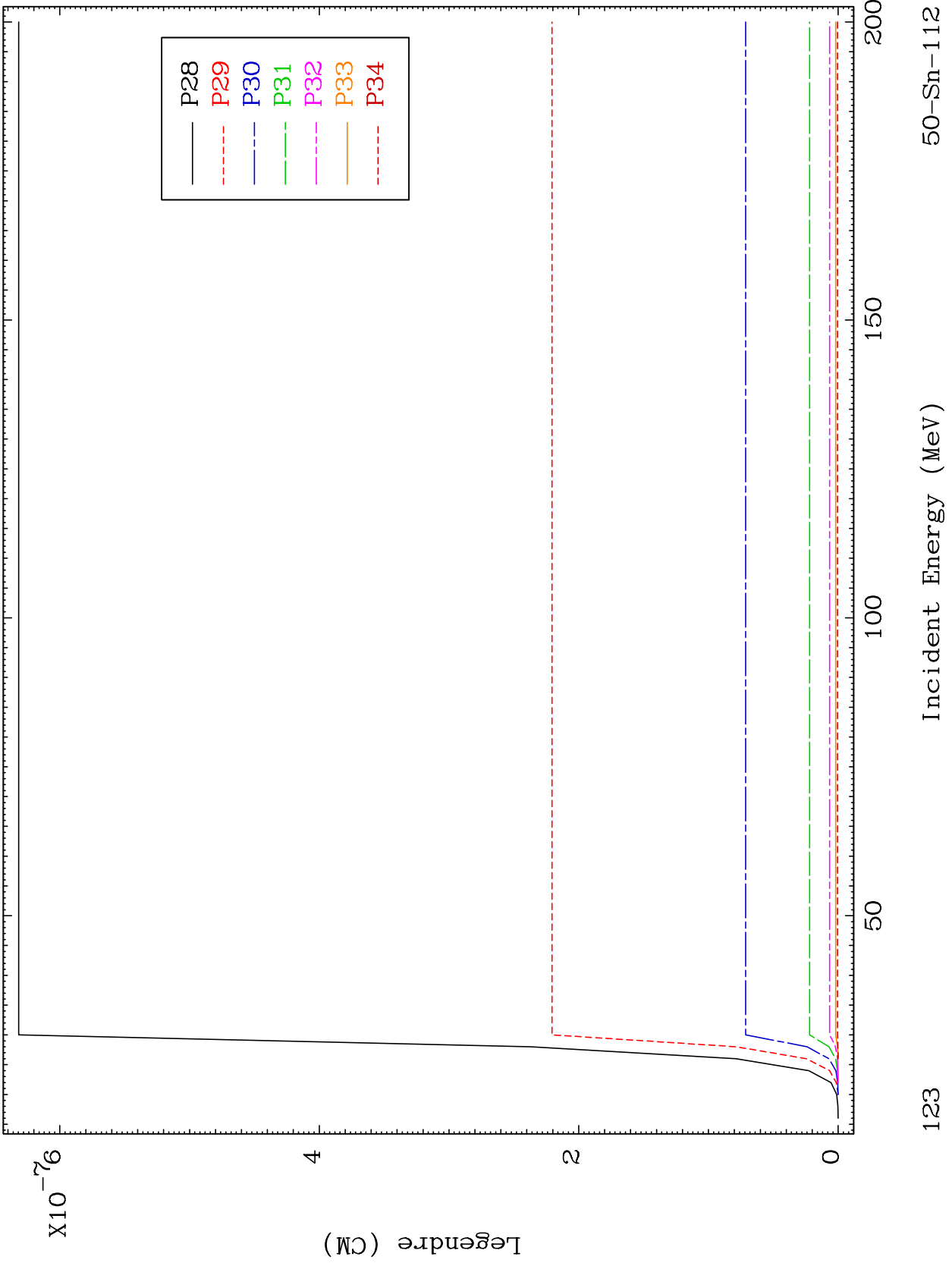


122

MAT 5025

MT= 78 (n,n') Level  
Legendre Coefficients

50-Sn-112



123

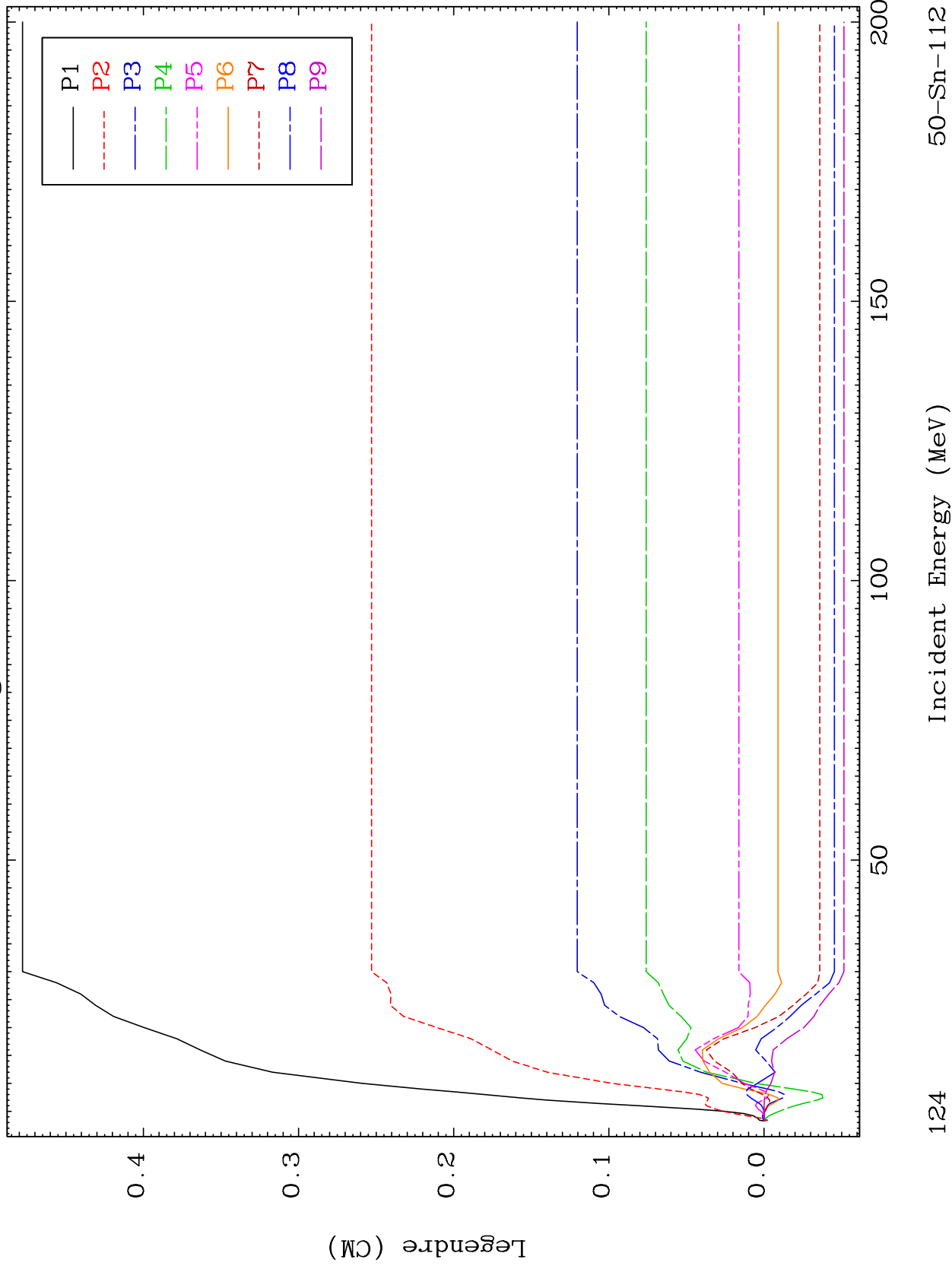
Incident Energy (MeV)

50-Sn-112

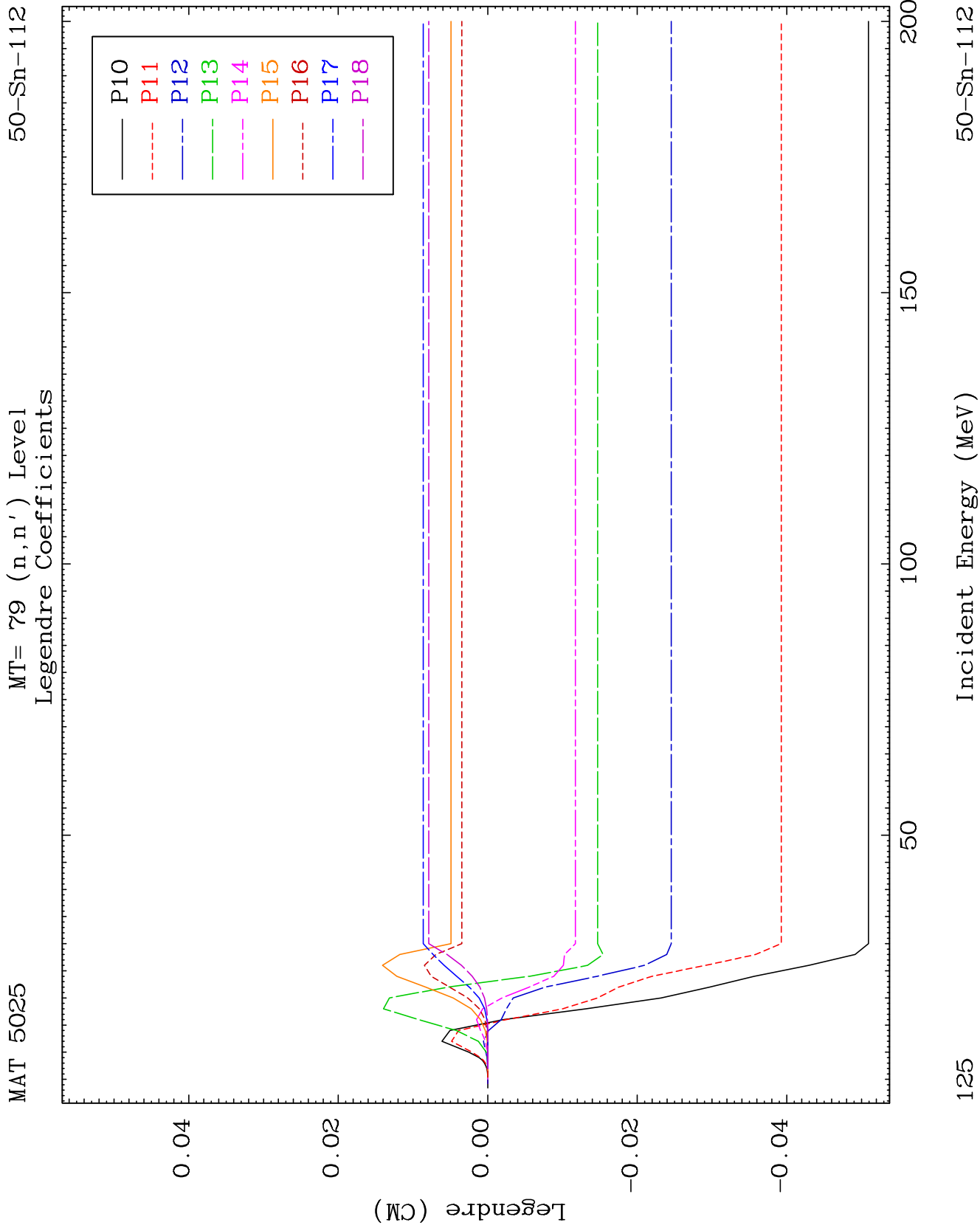
MAT 5025

MT= 79 (n,n') Level  
Legendre Coefficients

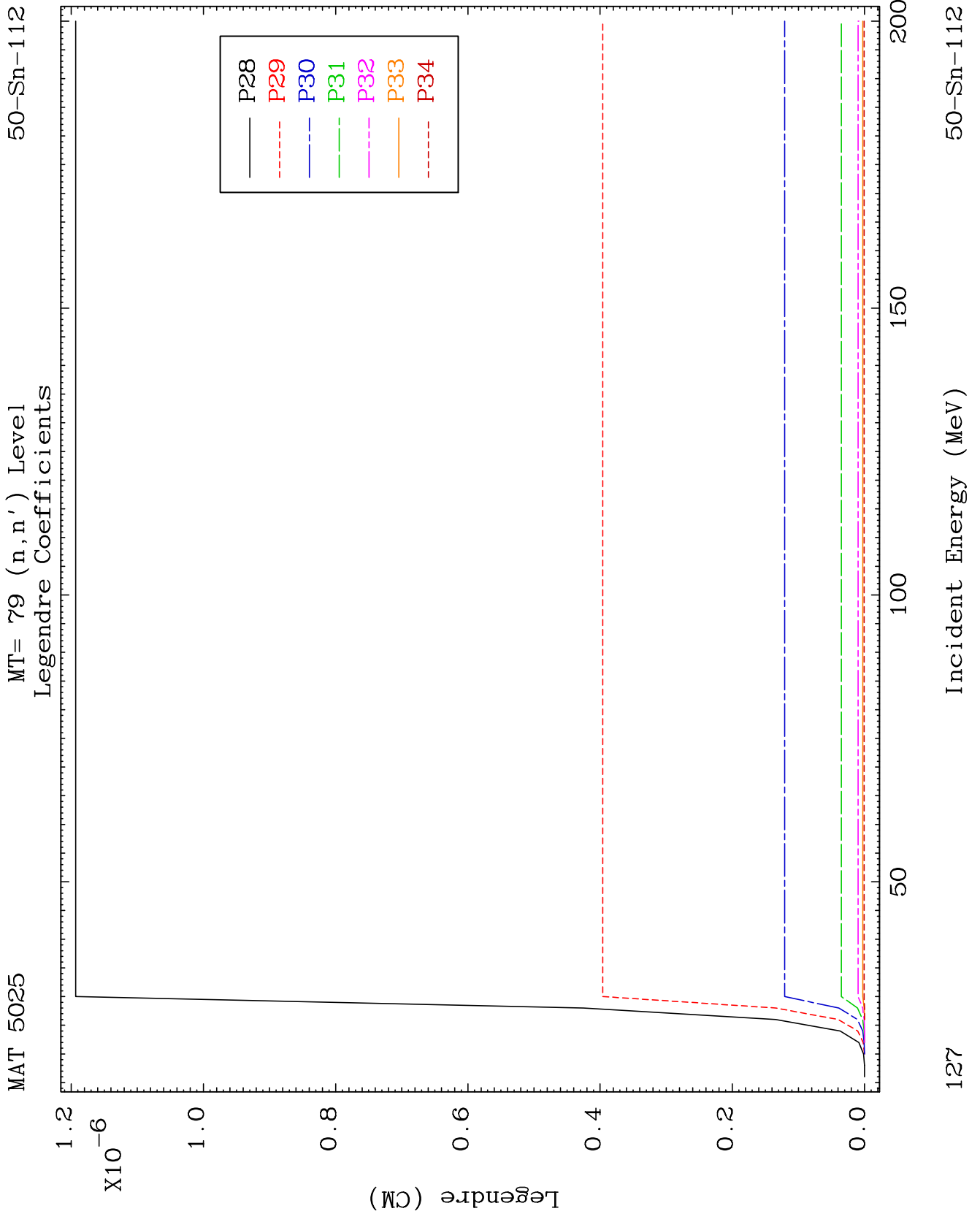
50-Sn-112



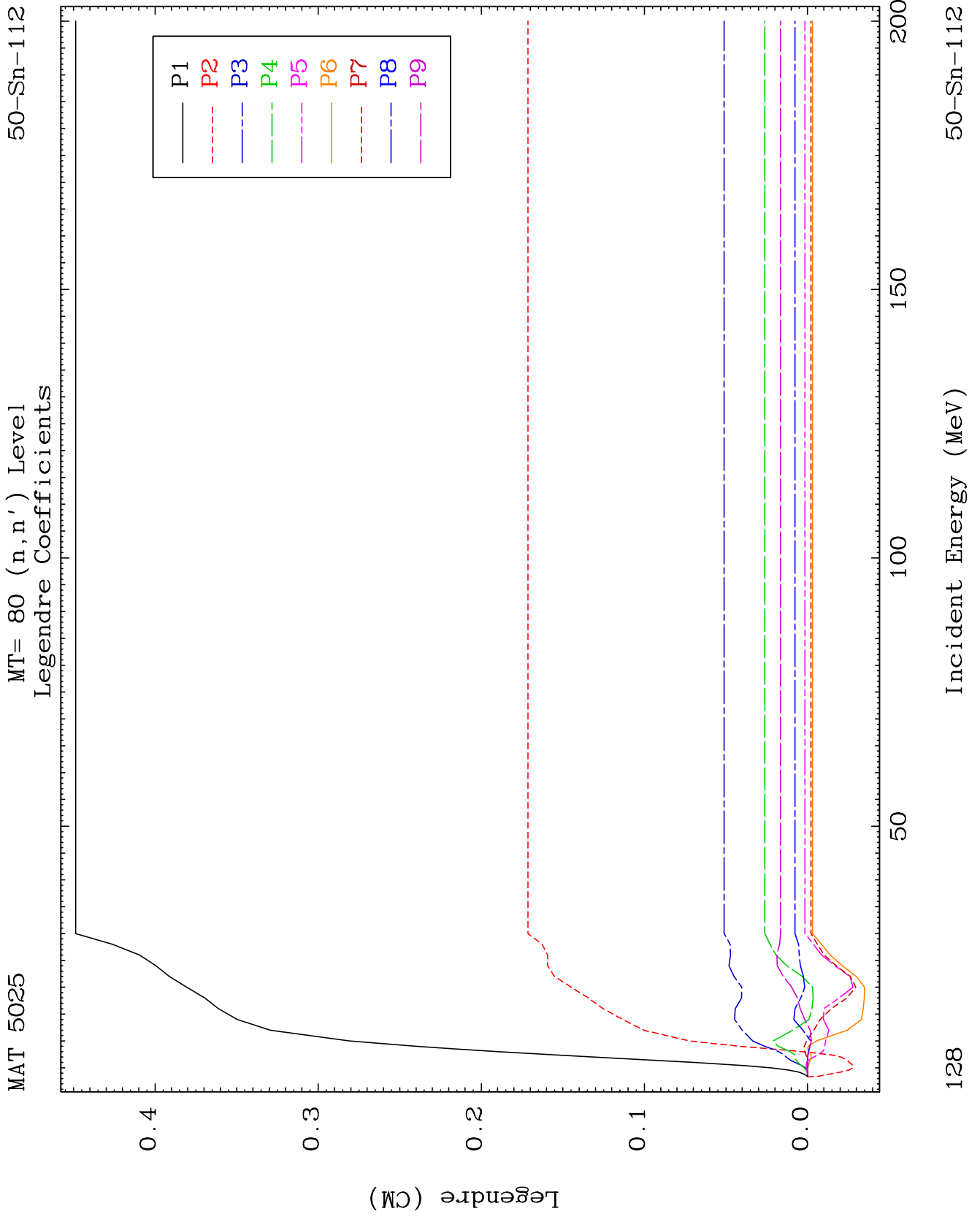
124

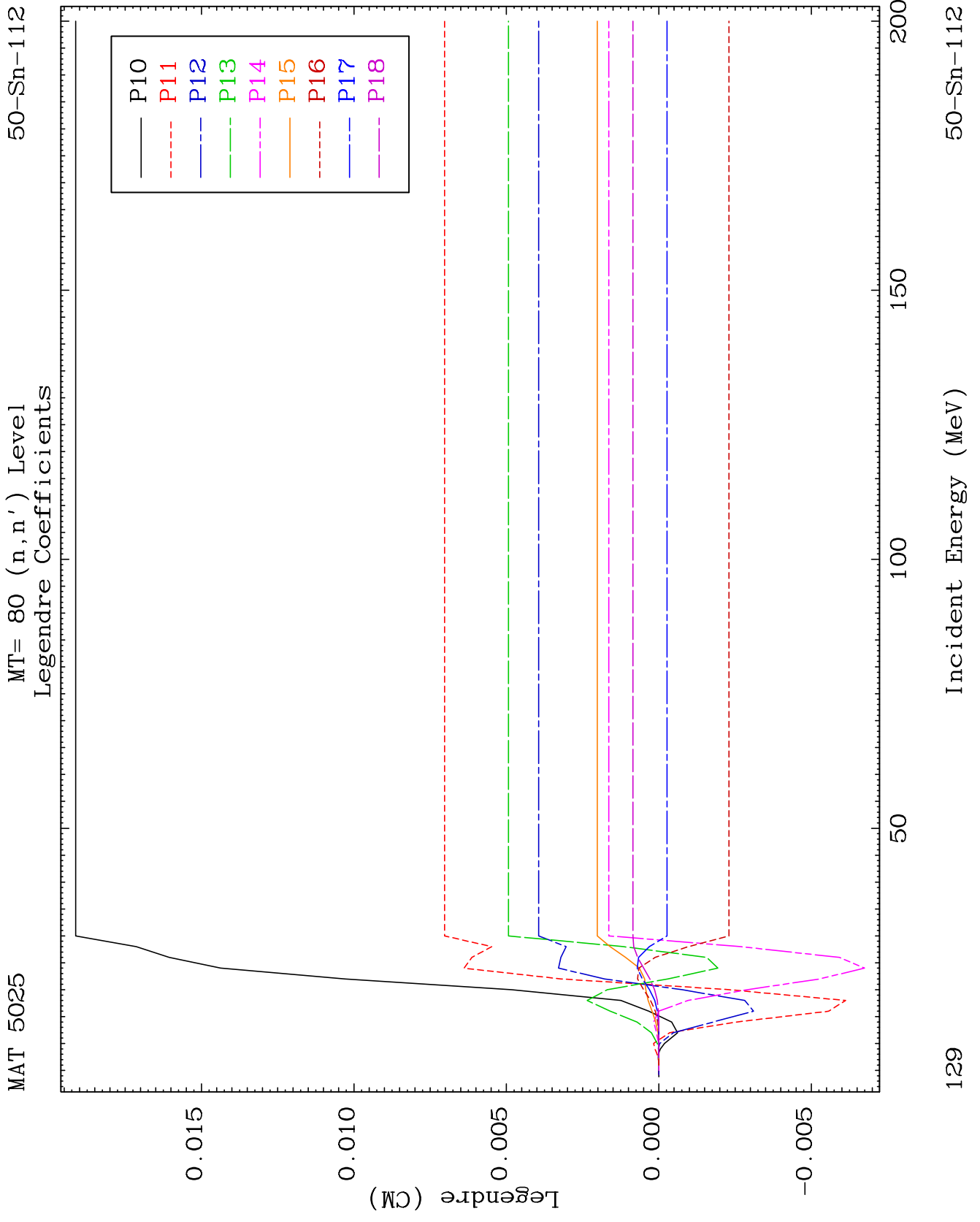








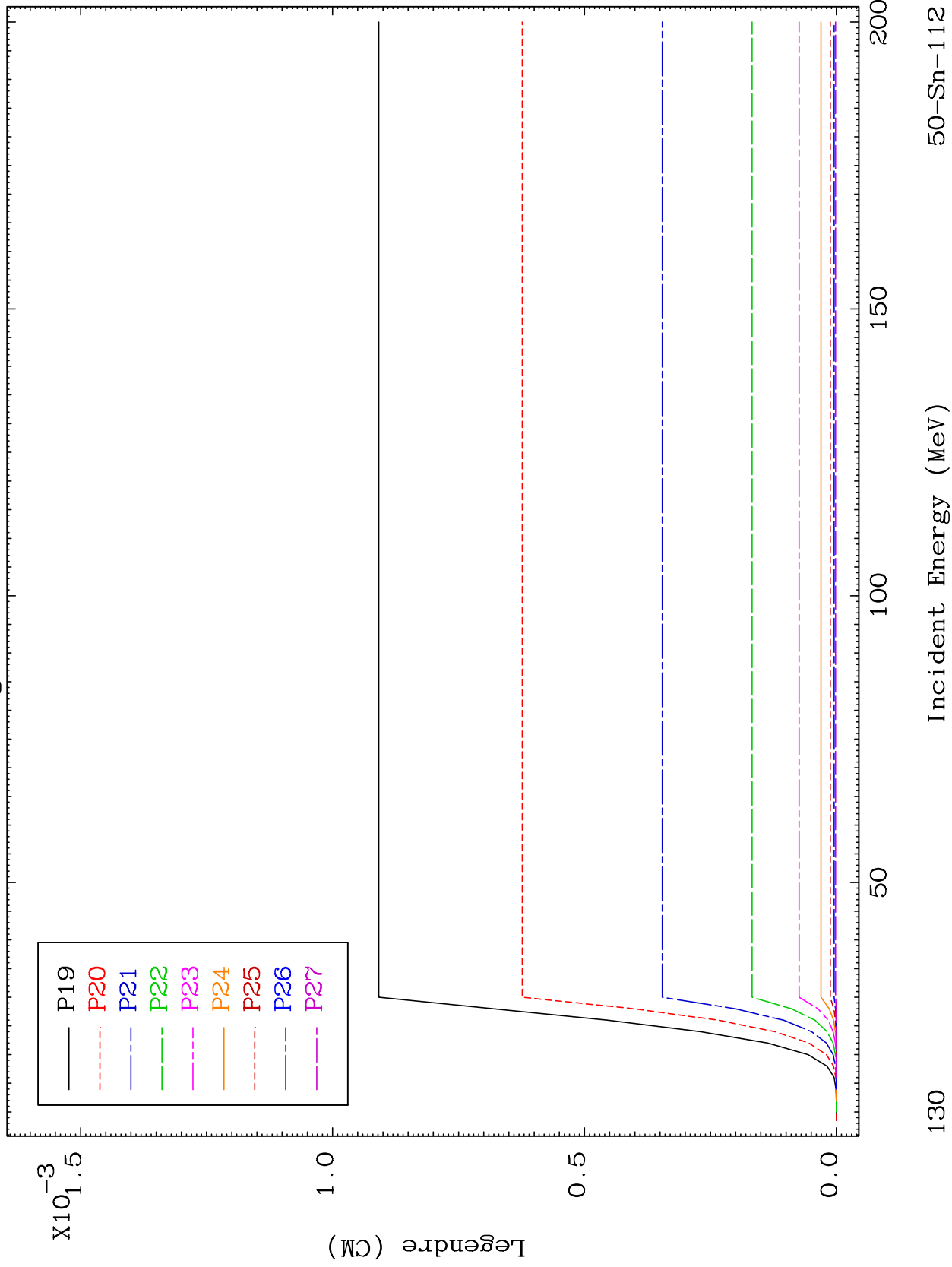




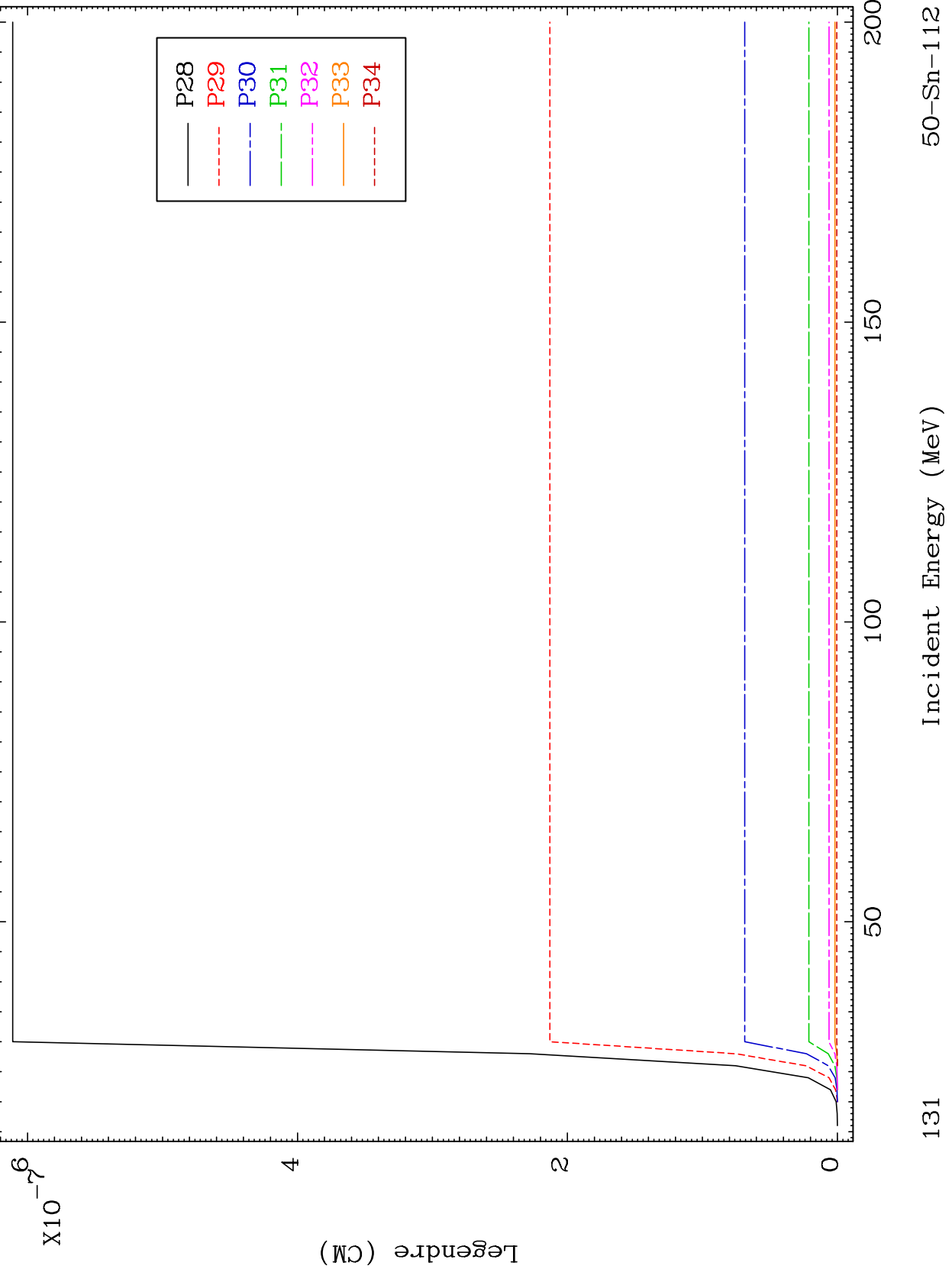
MAT 5025

MT= 80 (n,n') Level  
Legendre Coefficients

50-Sn-112

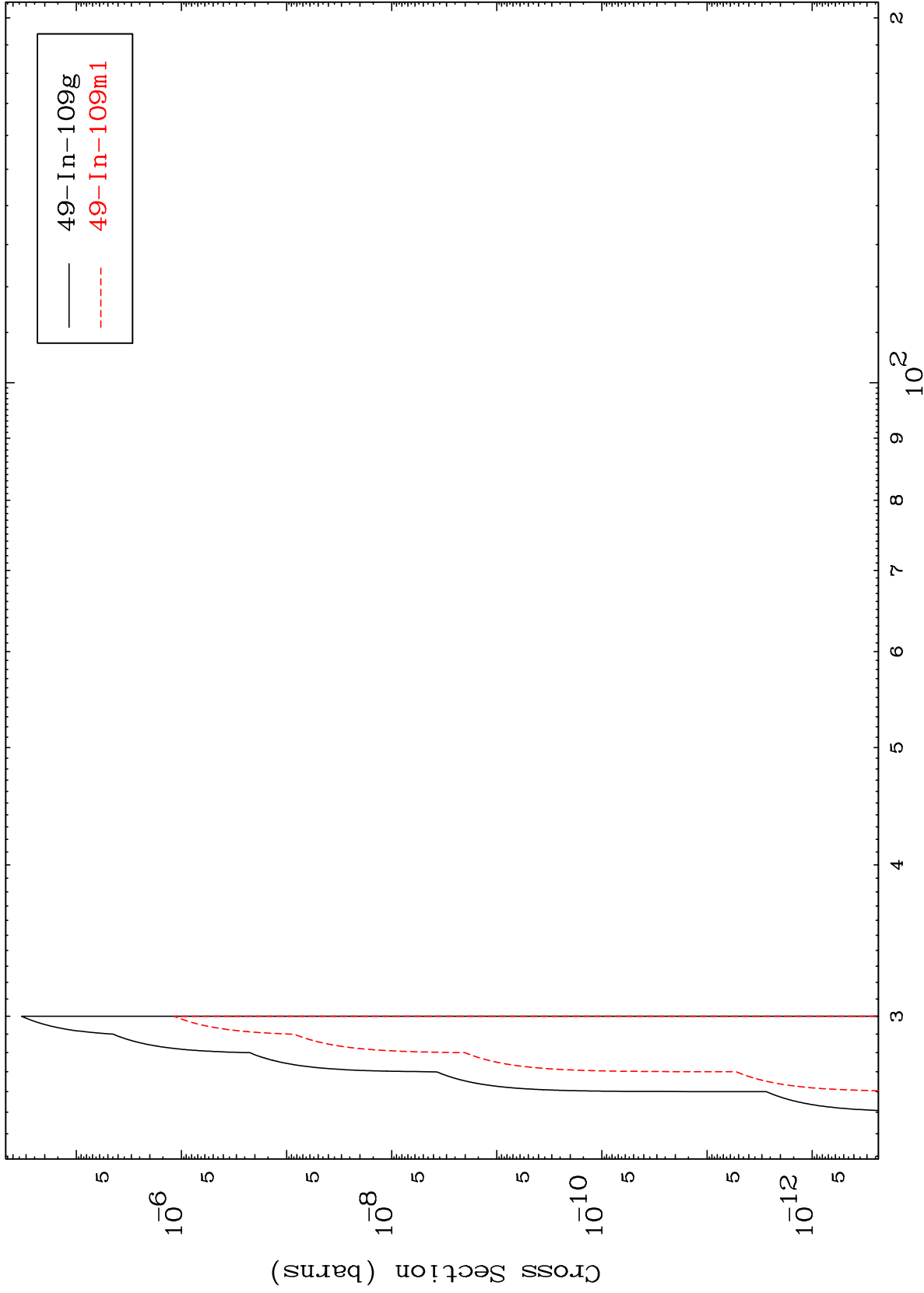


MAT 5025 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-112



131

Radionuclide Production Cross Section

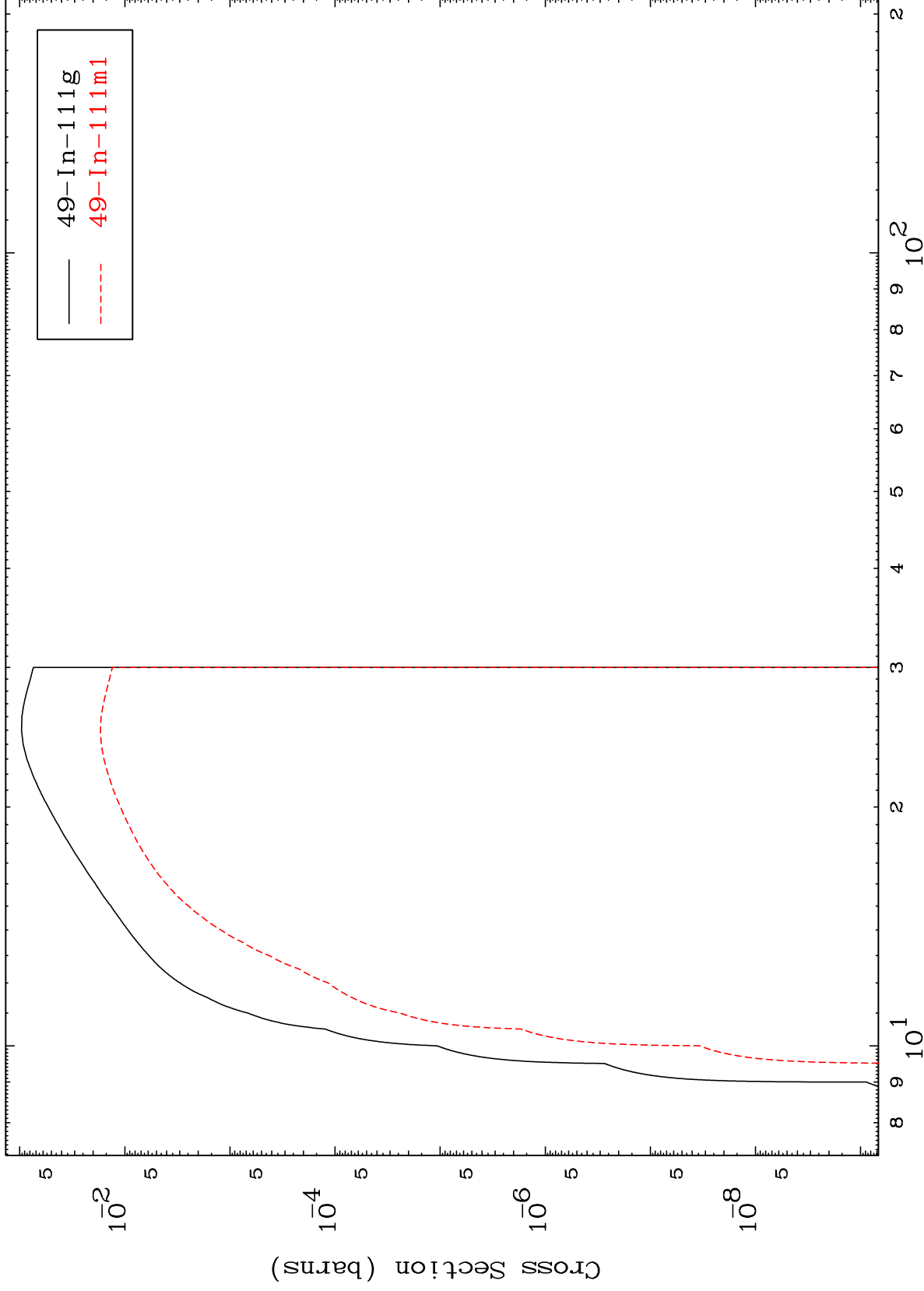


MAT 5025

(n,n') p

50-Sn-112

Radionuclide Production Cross Section



133

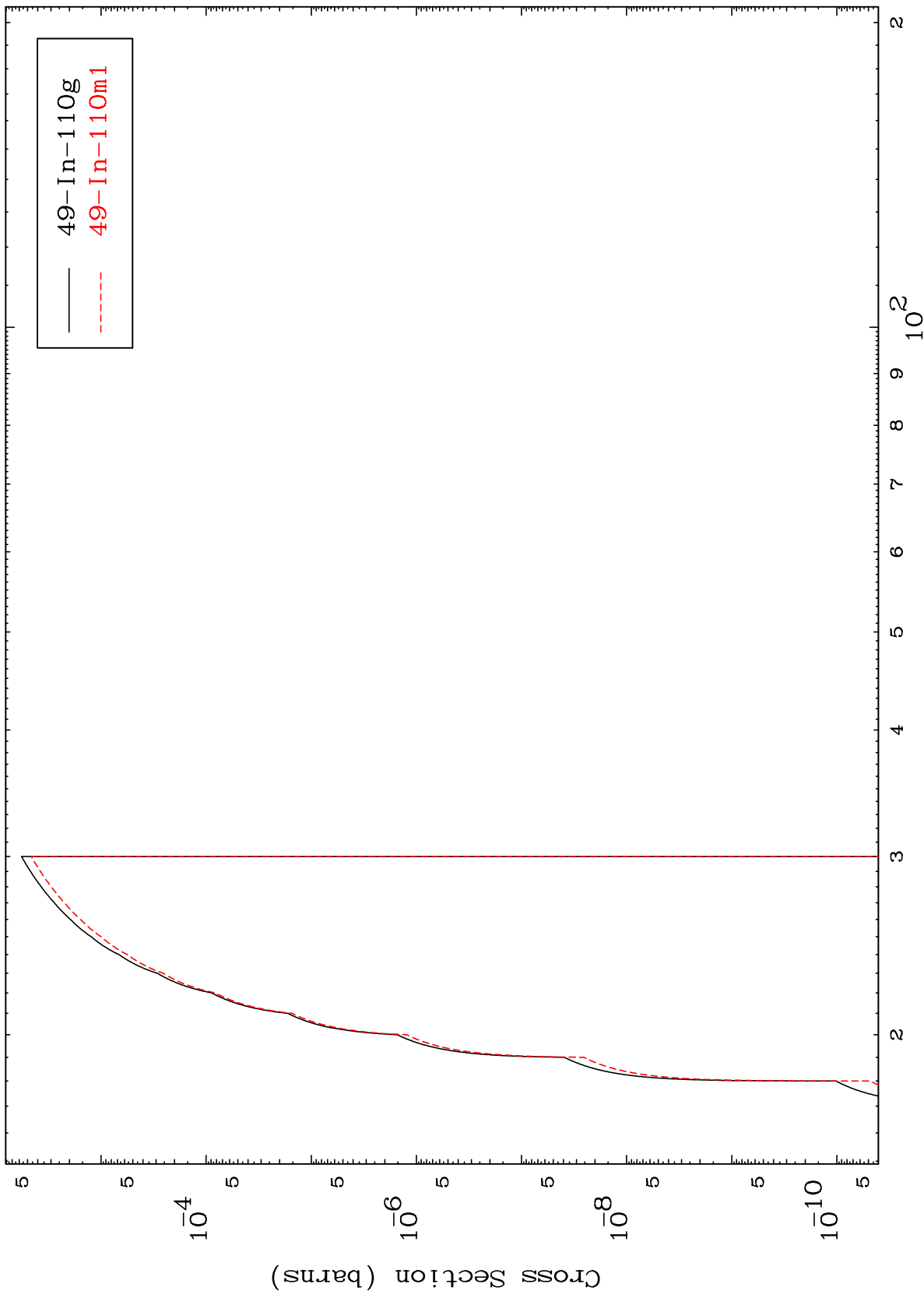
Incident Energy (MeV)

50-Sn-112

MAT 5025

50-Sn-112

(n,n') d  
Radionuclide Production Cross Section



50-Sn-112

Incident Energy (MeV)

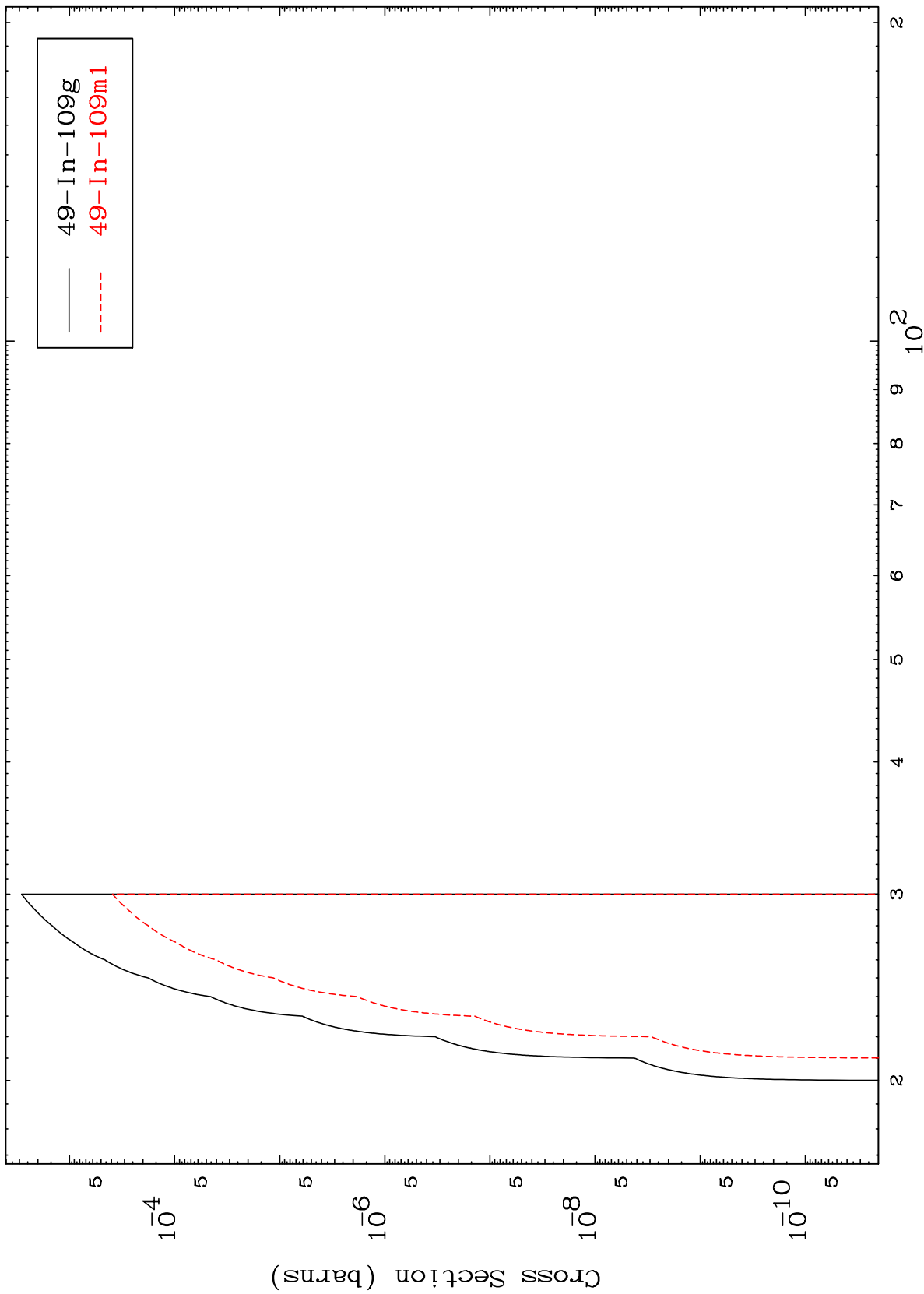
134

MAT 5025

(n,n') t

50-Sn-112

Radionuclide Production Cross Section



135

Incident Energy (MeV)

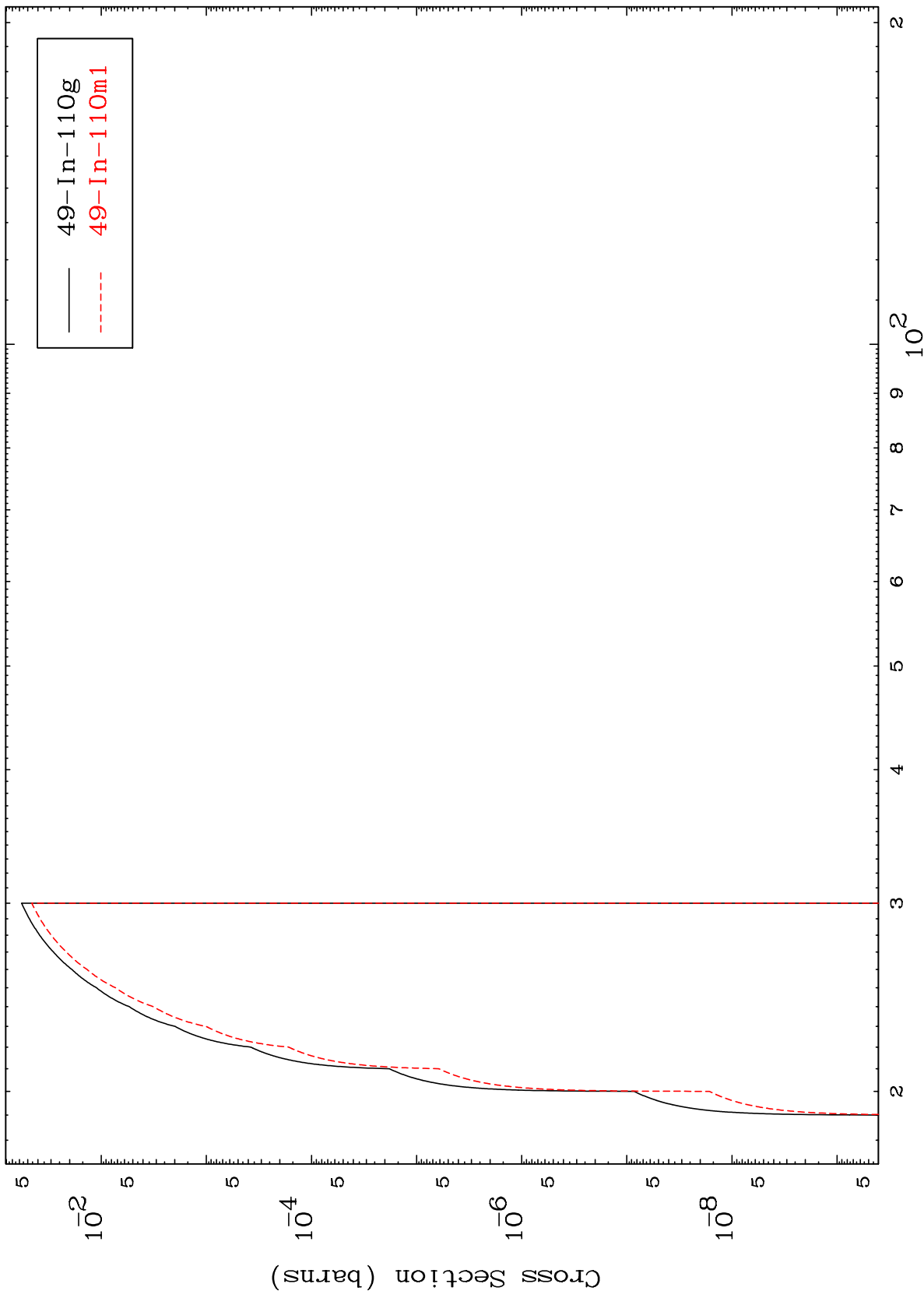
50-Sn-112



MAT 5025

50-Sn-112

(n,2n) p  
Radionuclide Production Cross Section



50-Sn-112

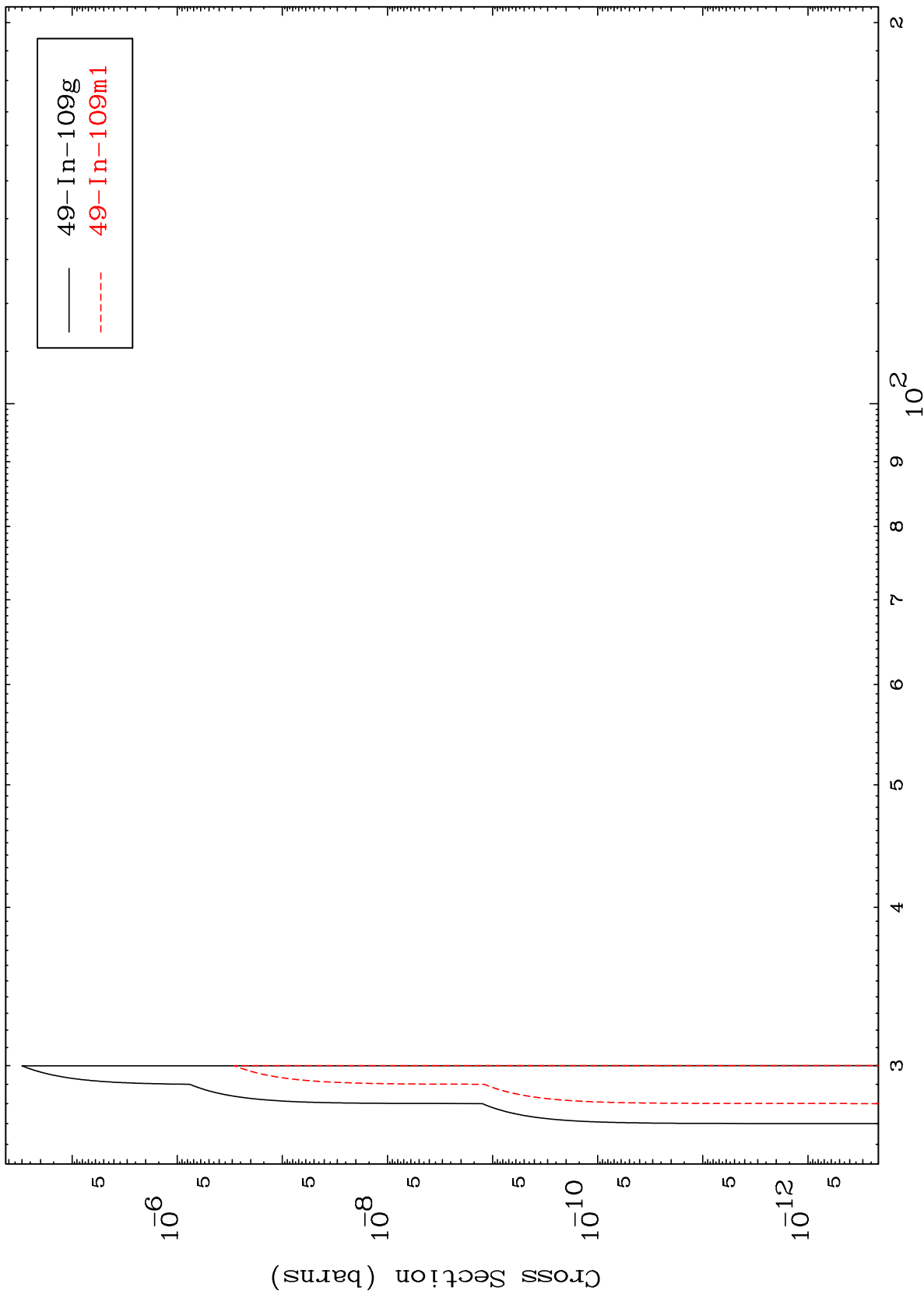
Incident Energy (MeV)

136

MAT 5025

50-Sn-112

(n,3n) p  
Radionuclide Production Cross Section



50-Sn-112

Incident Energy (MeV)

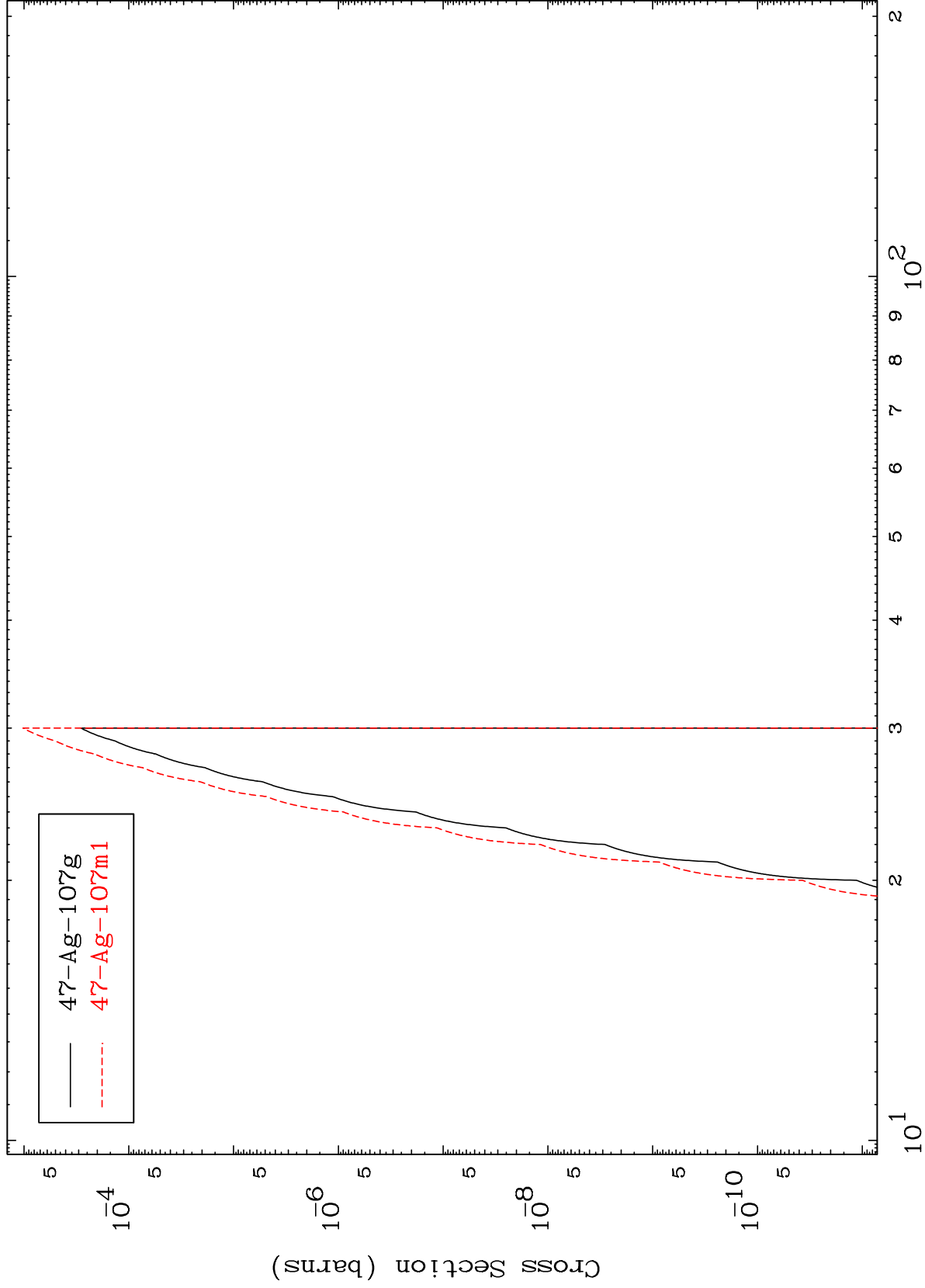
137

MAT 5025

(n,n') p  $\alpha$

50-Sn-112

Radionuclide Production Cross Section



Incident Energy (MeV)

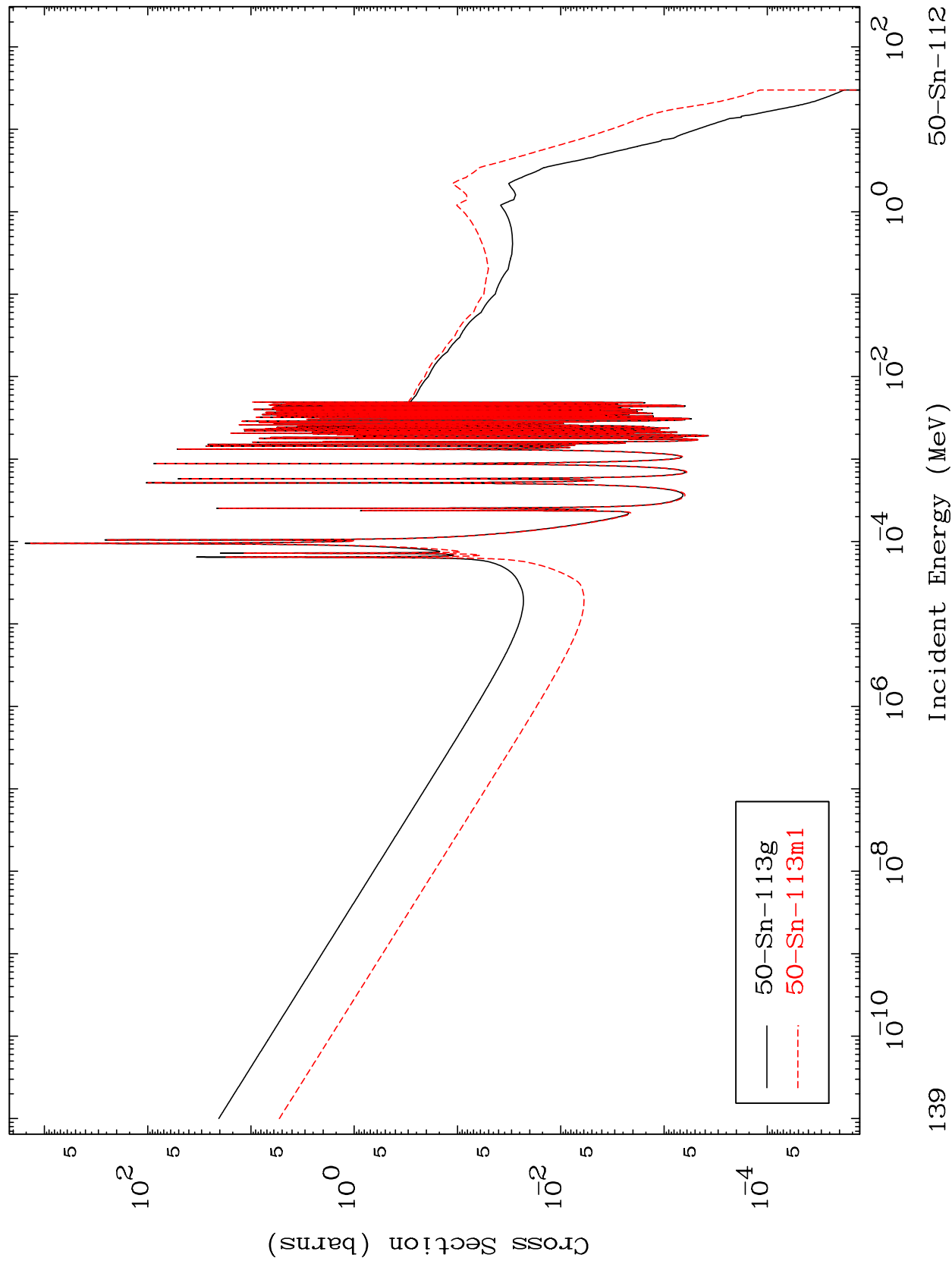
50-Sn-112

138

MAT 5025

50-Sn-112

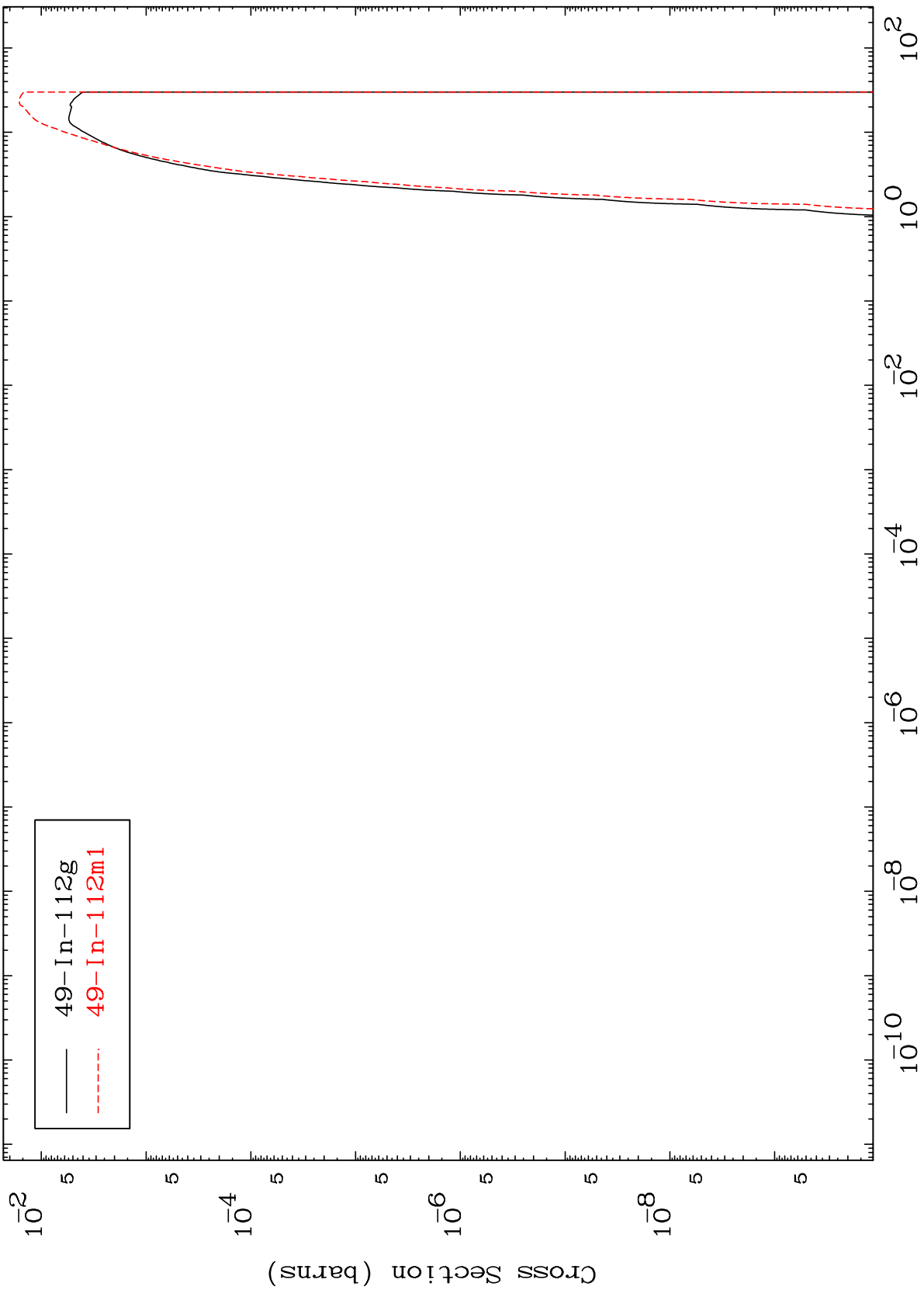
$(n, \gamma)$   
Radionuclide Production Cross Section



MAT 5025

50-Sn-112

(n,p)  
Radionuclide Production Cross Section



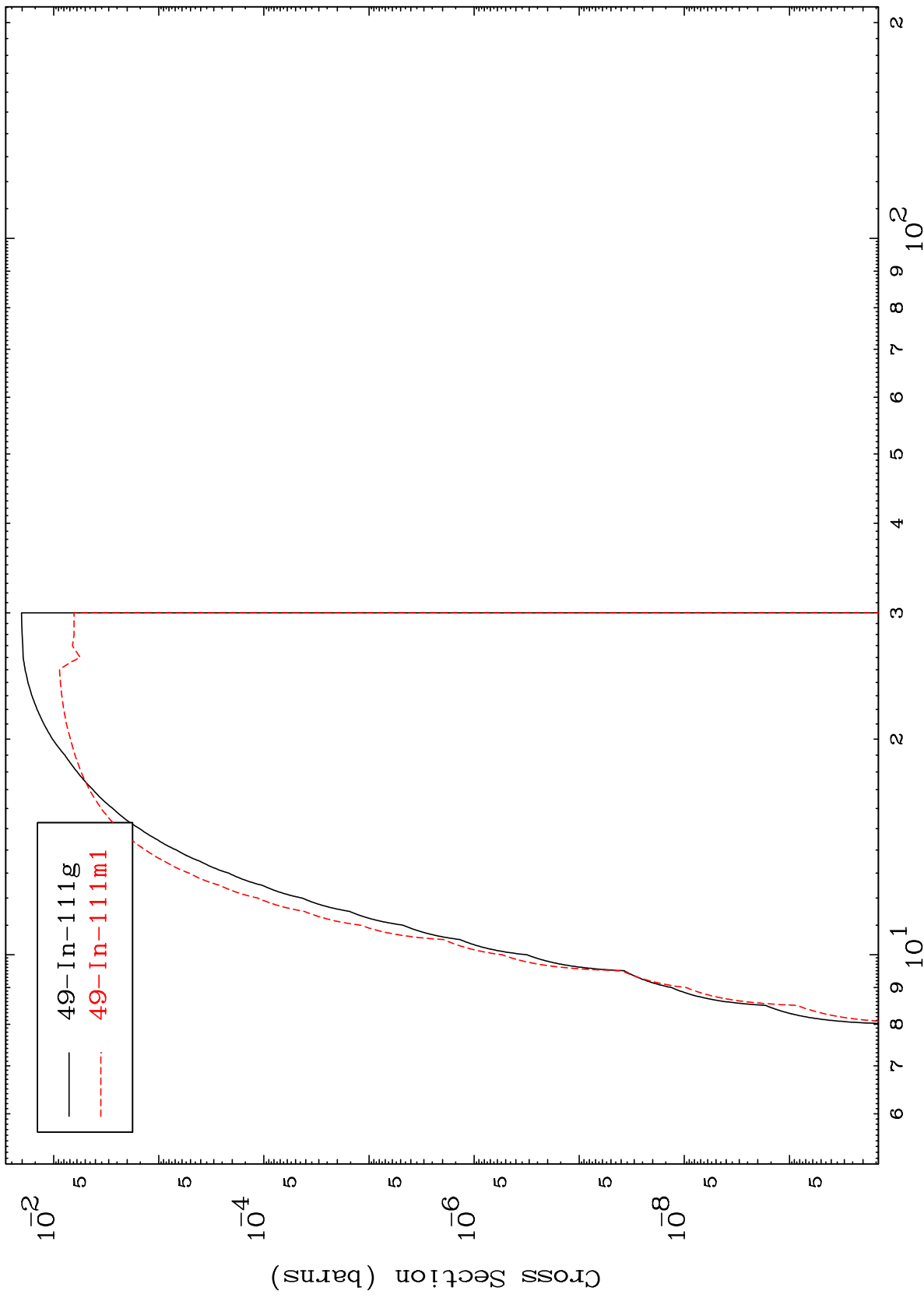
140

50-Sn-112

MAT 5025

50-Sn-112

(n,d)  
Radionuclide Production Cross Section



141

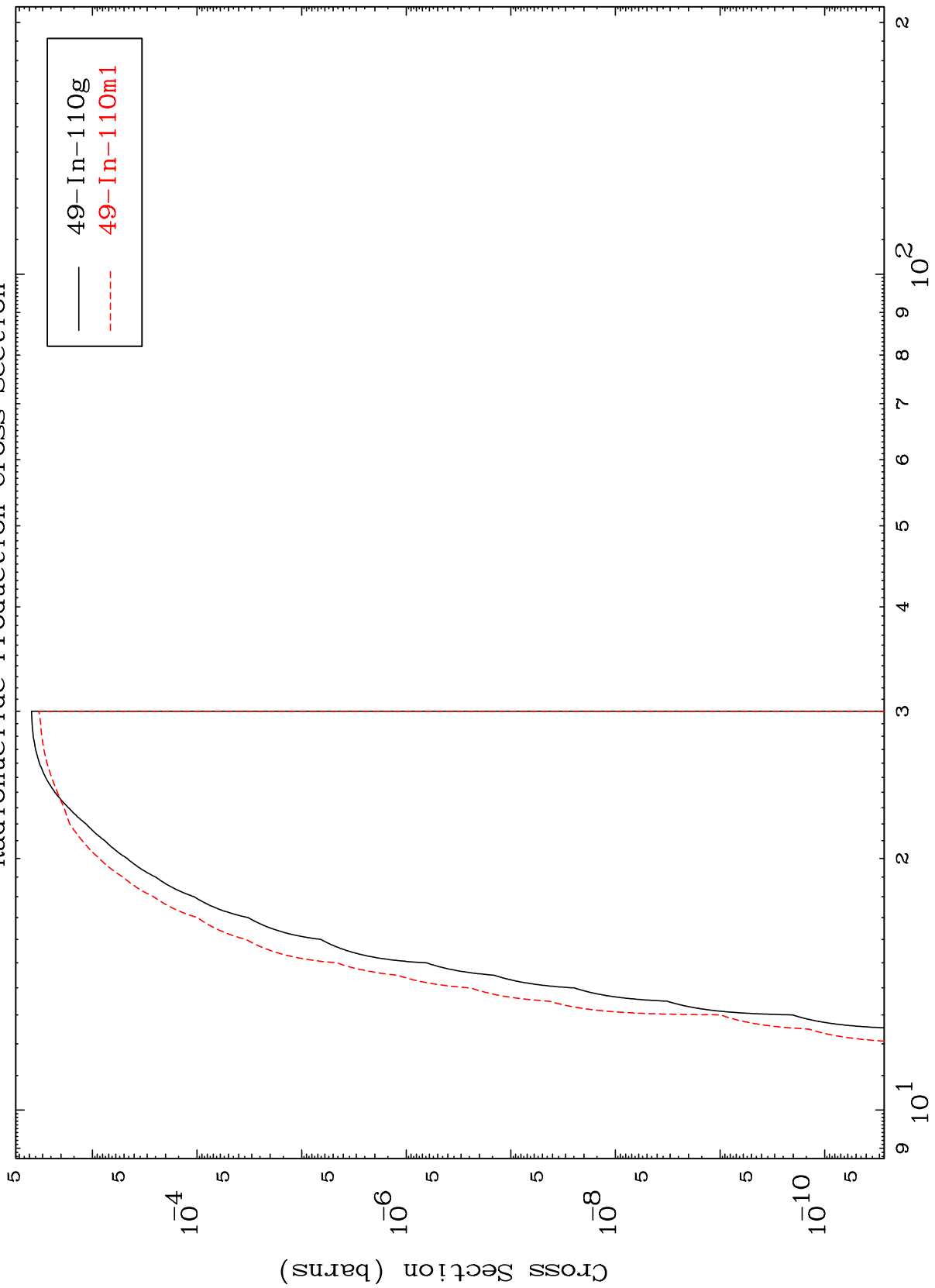
Incident Energy (MeV)

50-Sn-112

MAT 5025

50-Sn-112

(n,t)  
Radionuclide Production Cross Section



50-Sn-112

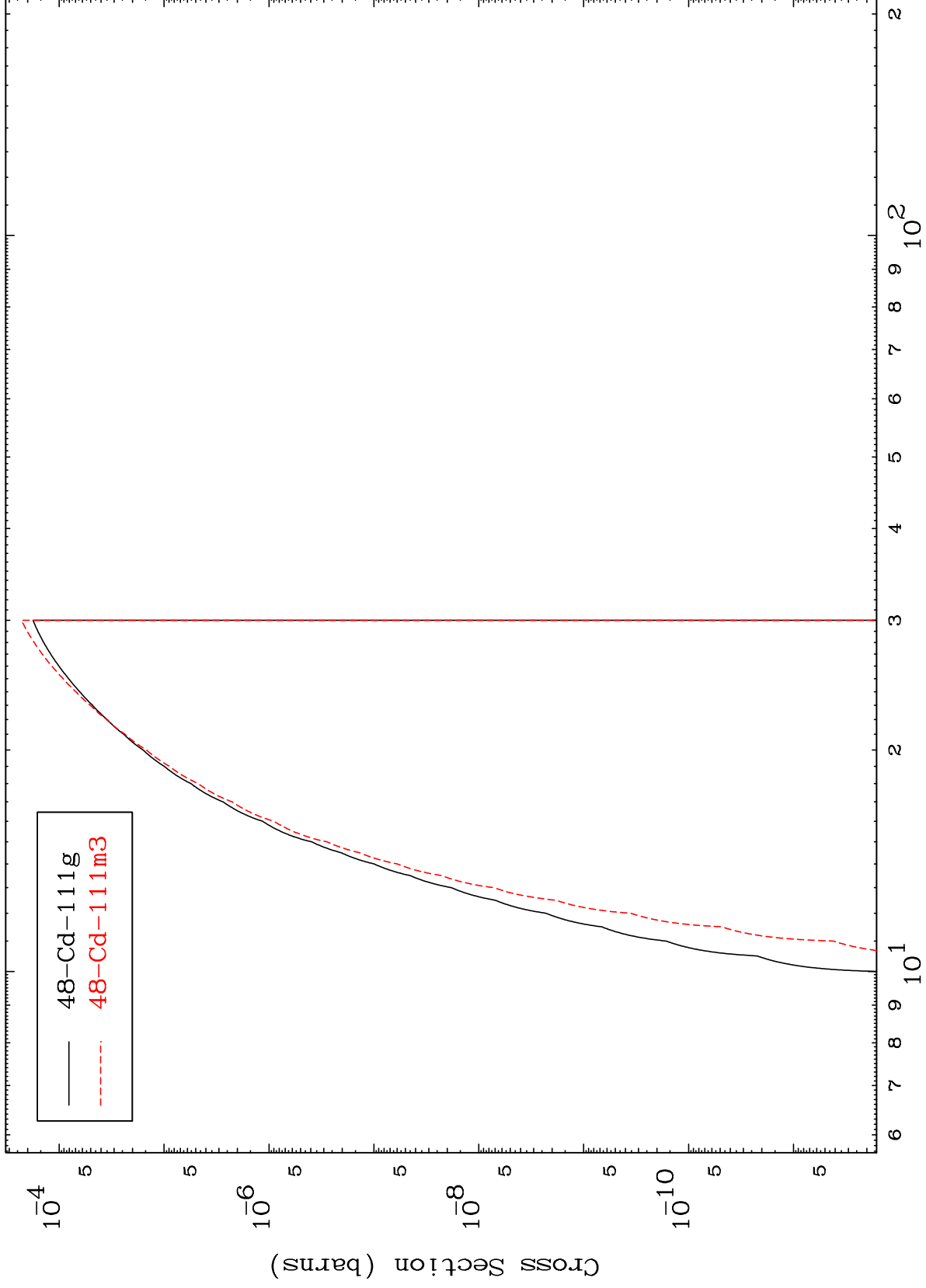
Incident Energy (MeV)

142

MAT 5025

50-Sn-112

(n,2p)  
Radionuclide Production Cross Section



50-Sn-112

Incident Energy (MeV)

143

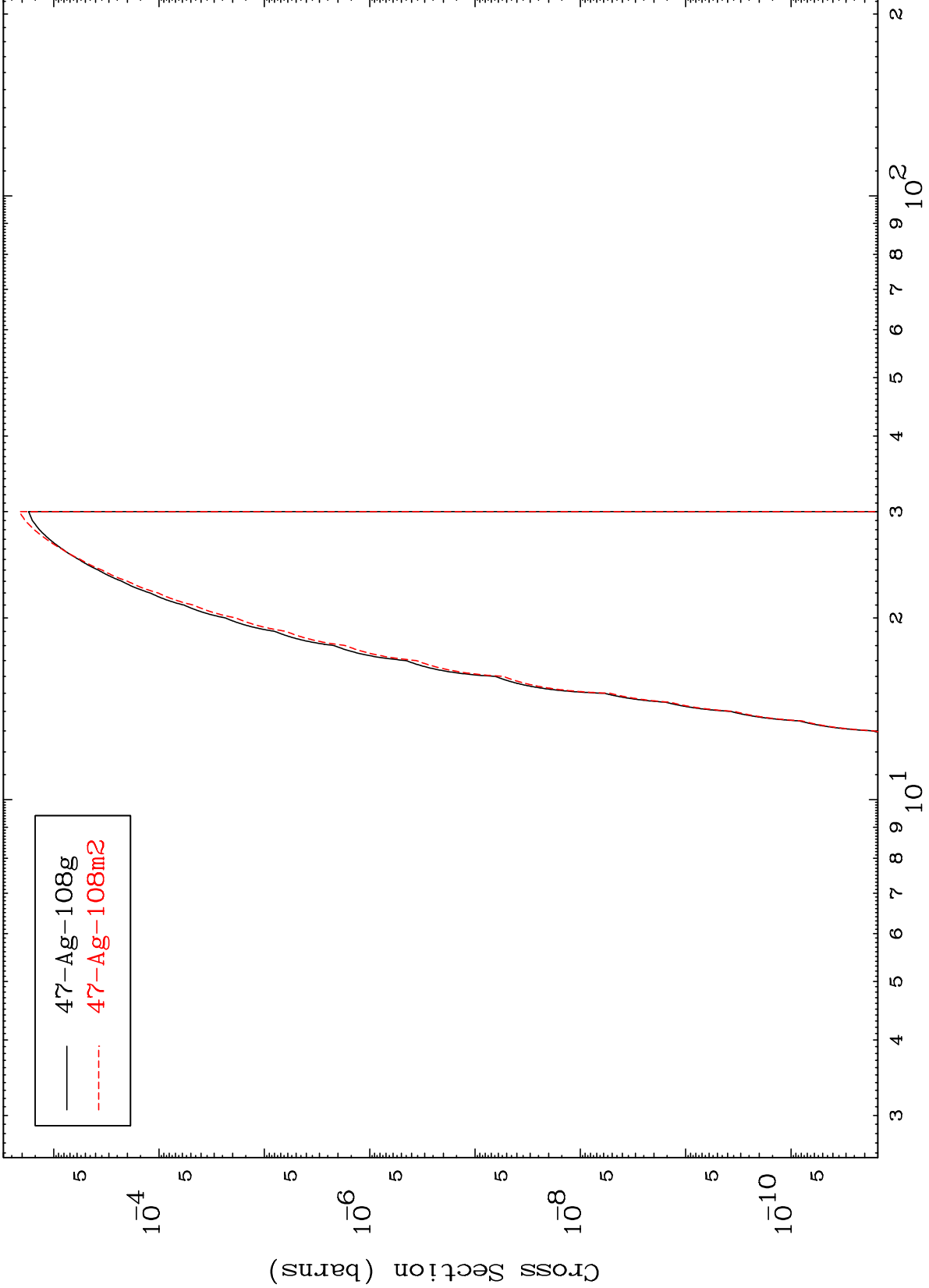


MAT 5025

(n,p)  $\alpha$

50-Sn-112

Radionuclide Production Cross Section



144

Incident Energy (MeV)

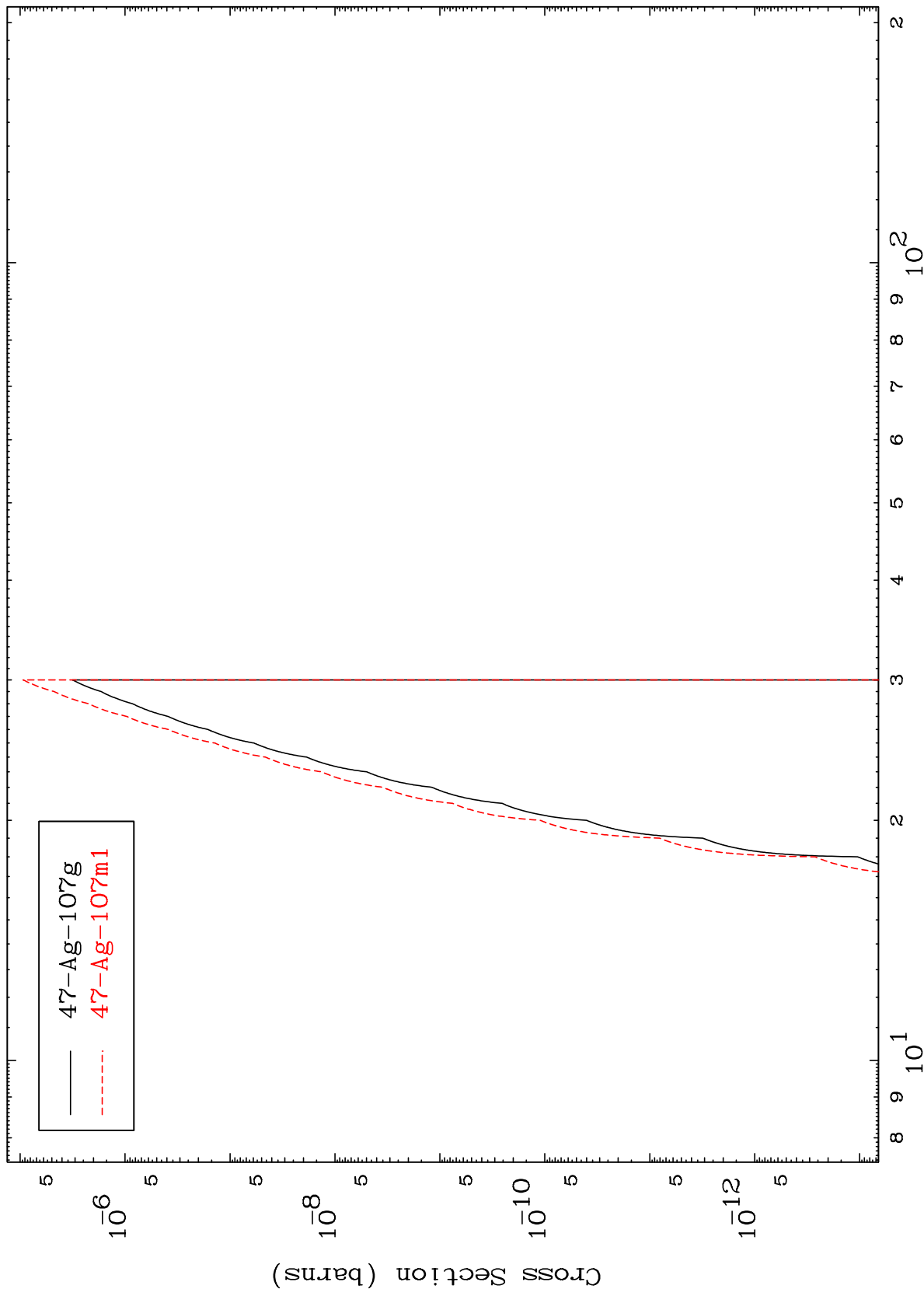
50-Sn-112

MAT 5025

50-Sn-112

(n,d)  $\alpha$

Radionuclide Production Cross Section



145

Incident Energy (MeV)

50-Sn-112