

Program EVALPLOT
(Version 2018-1)

by

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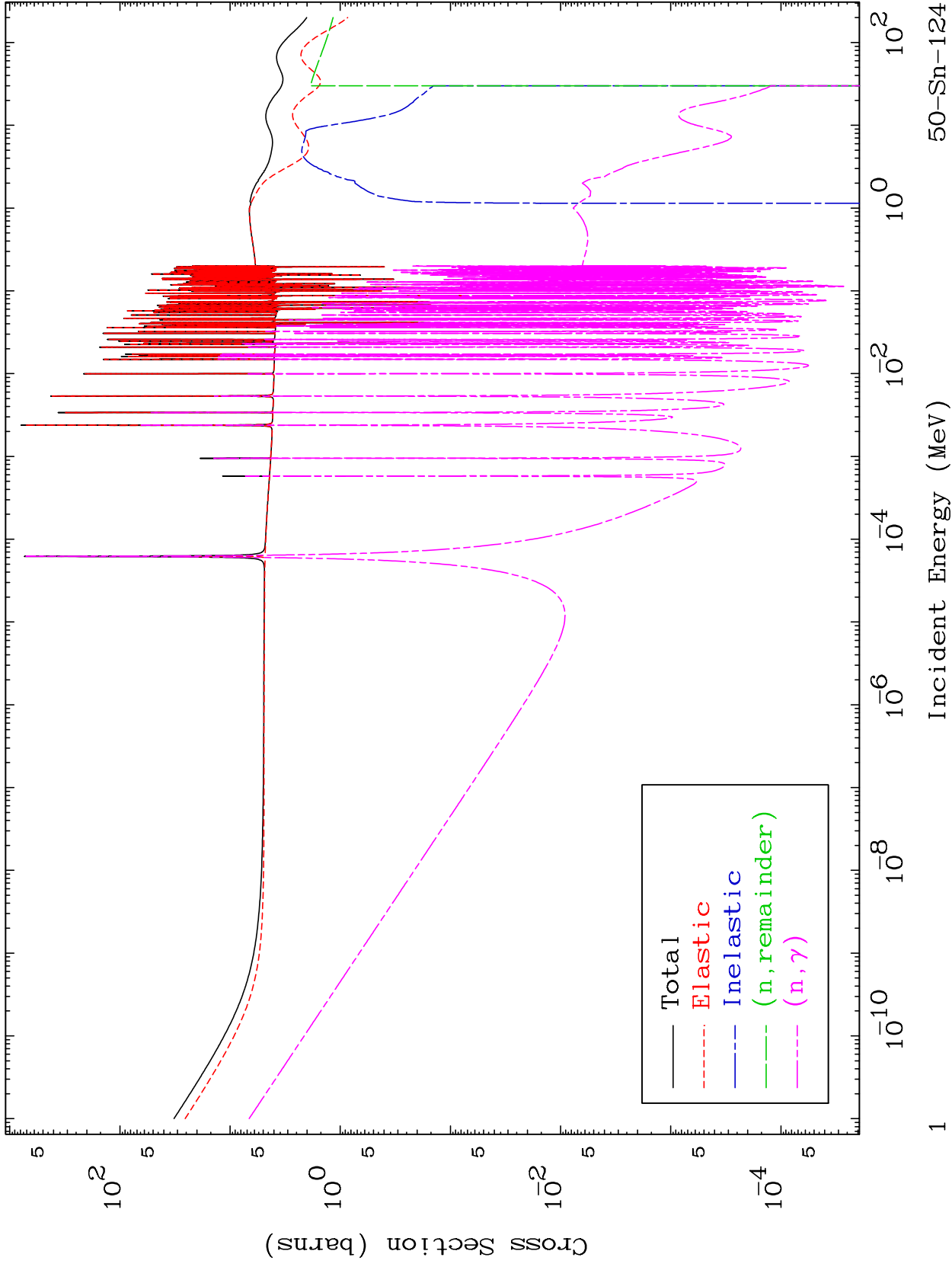
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Press Mouse Button to Start

MAT 5061

Major
293 Kelvin Cross Sections

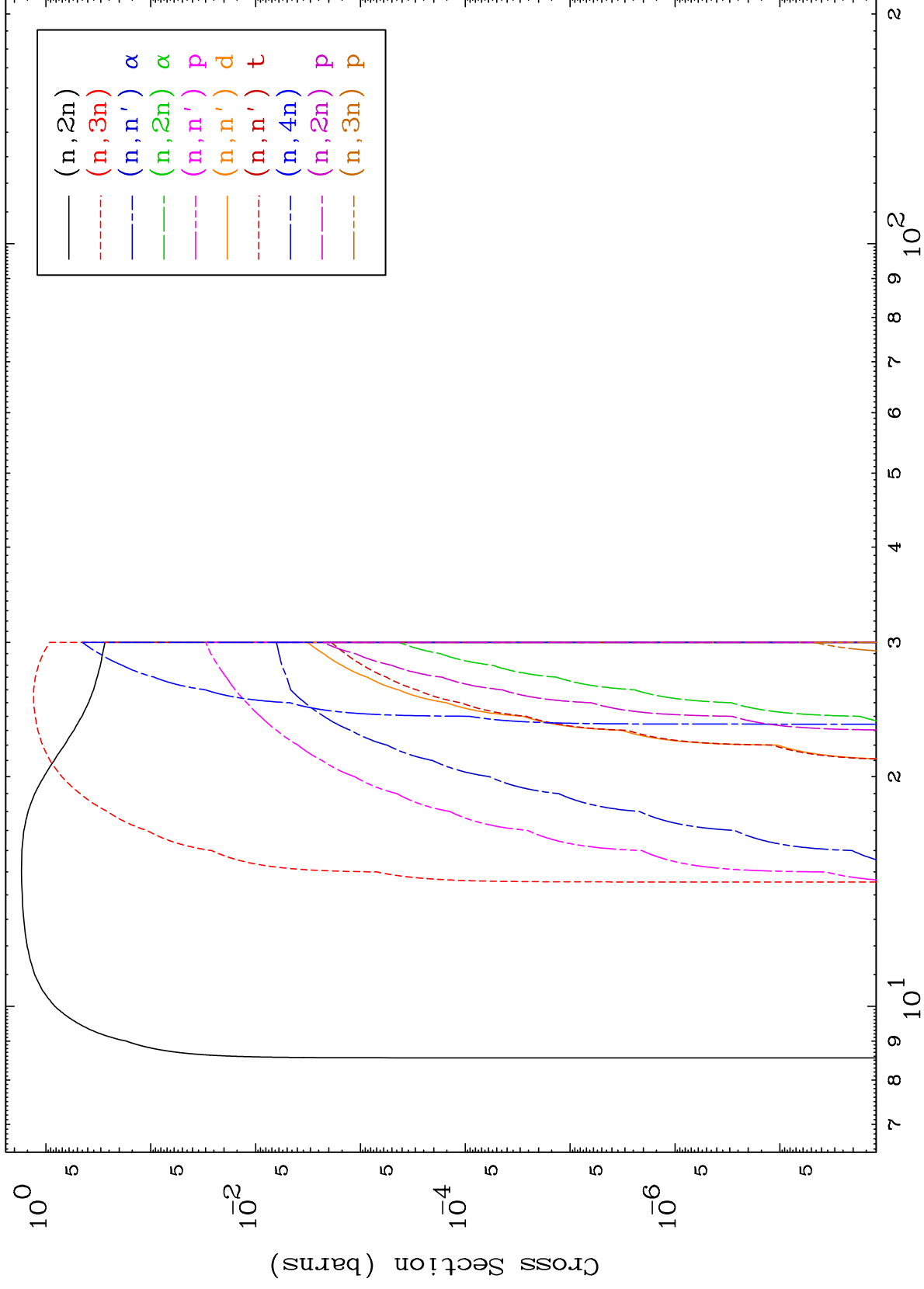
50-Sn-124



MAT 5061

Neutron Production
293 Kelvin Cross Sections

50-Sn-124



2

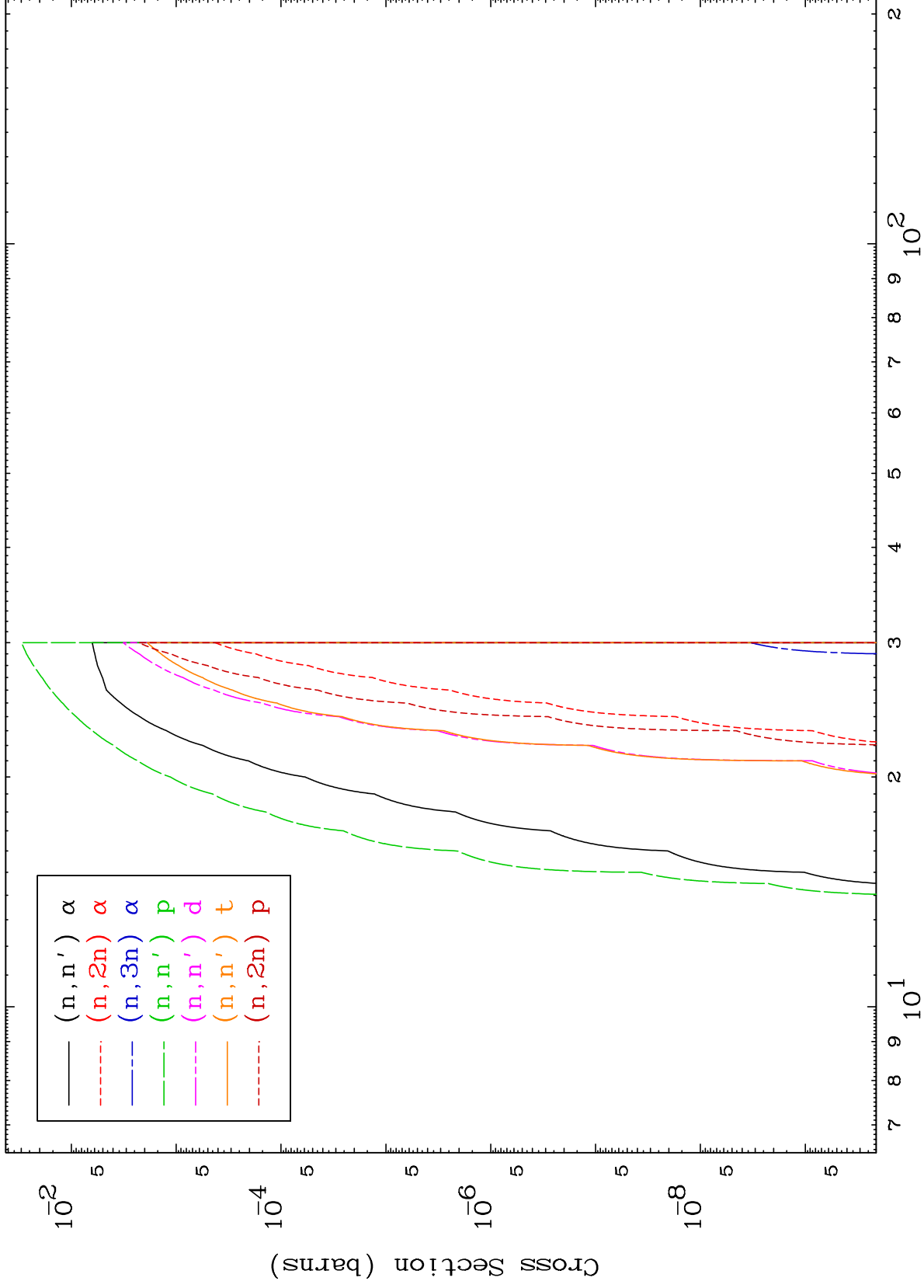
Incident Energy (MeV)

50-Sn-124

MAT 5061

Charged Particle
293 Kelvin Cross Sections

50-Sn-124



3

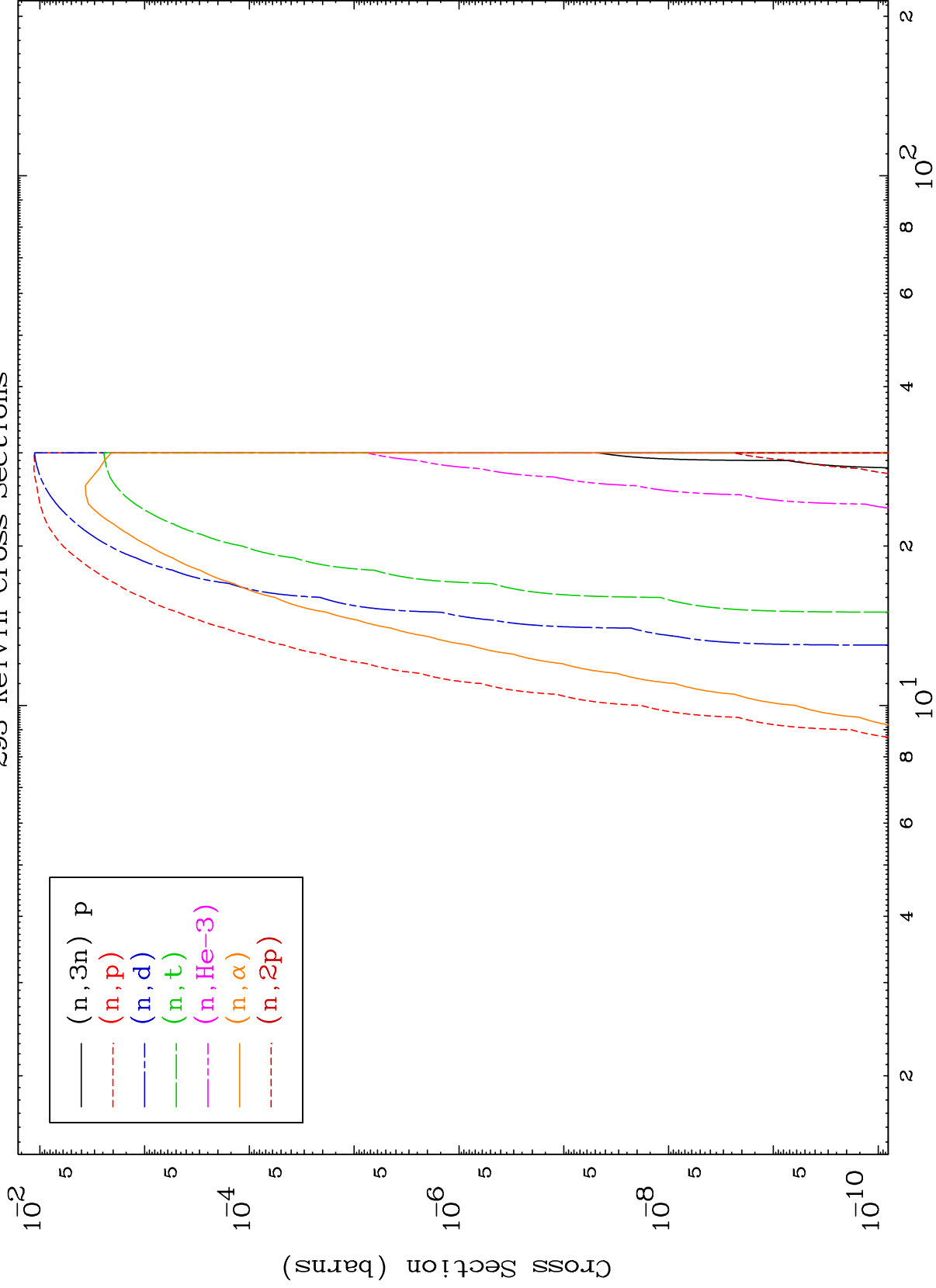
Incident Energy (MeV)

50-Sn-124

MAT 5061

Charged Particle
293 Kelvin Cross Sections

50-Sn-124



4

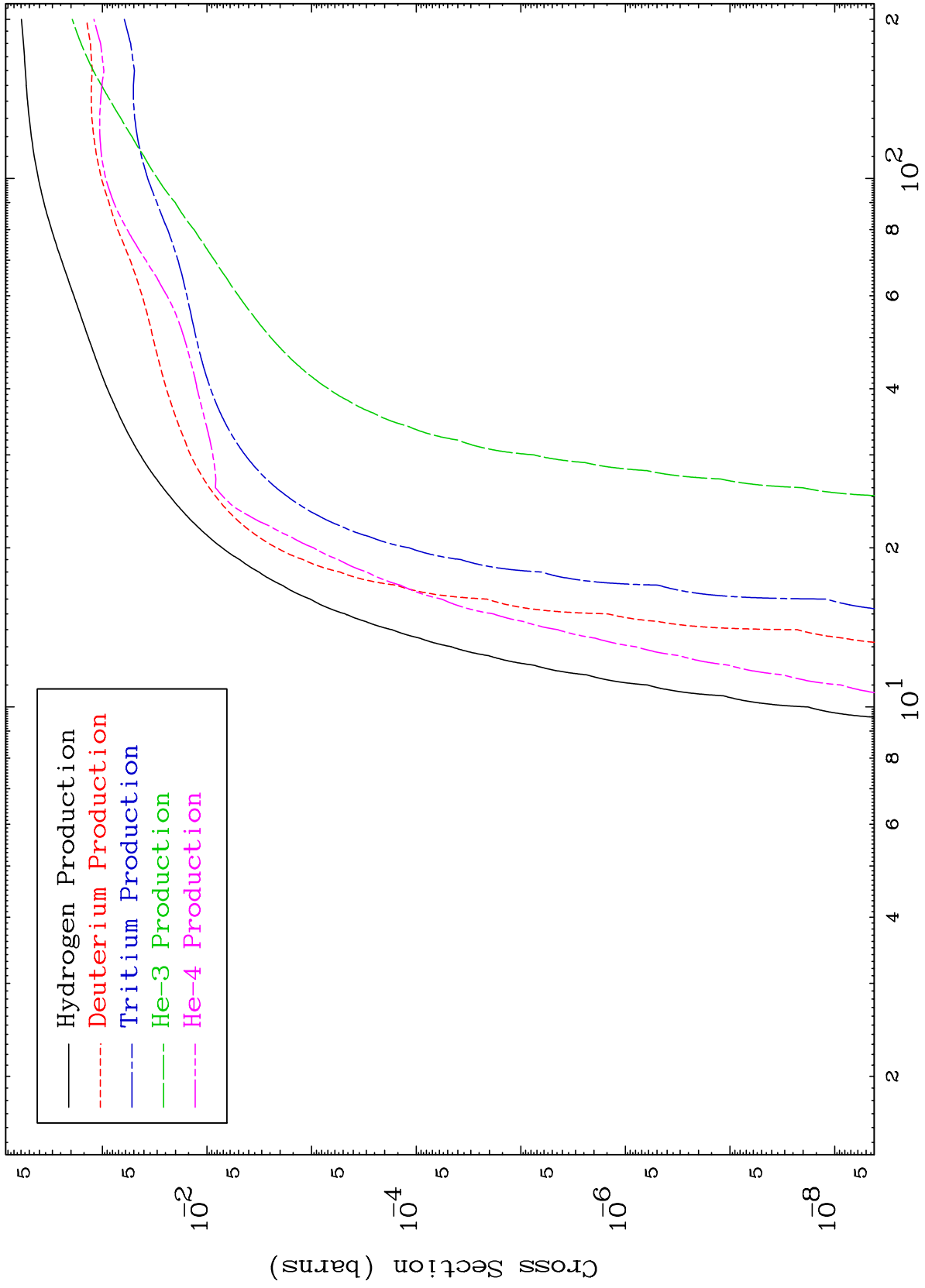
Incident Energy (MeV)

50-Sn-124

MAT 5061

Particle Production
293 Kelvin Cross Sections

50-Sn-124



5

Incident Energy (MeV)

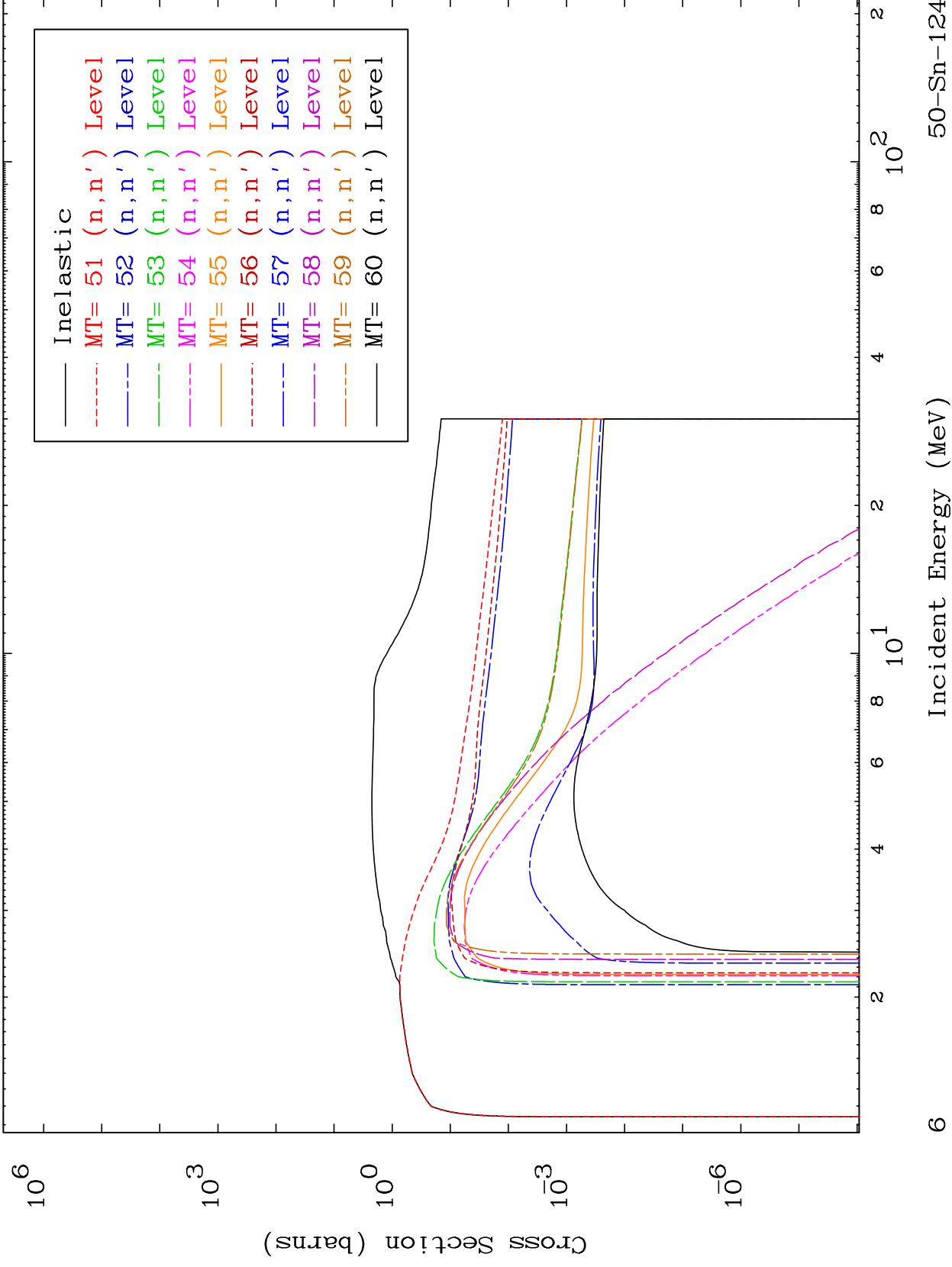
50-Sn-124

MAT 5061

(n,n') Level

50-Sn-124

293 Kelvin Cross Sections



6

Incident Energy (MeV)

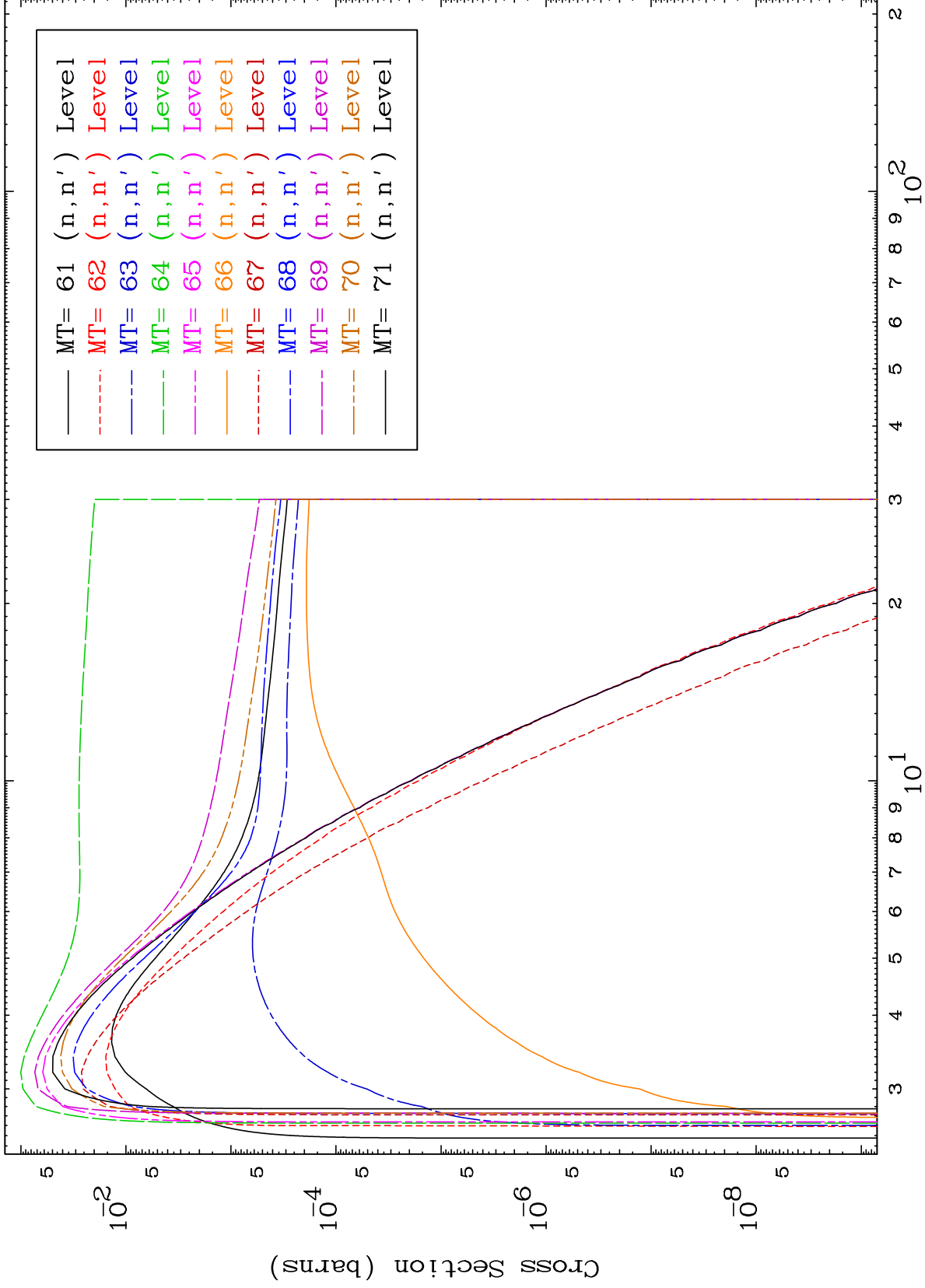
50-Sn-124

MAT 5061

(n,n') Level

50-Sn-124

293 Kelvin Cross Sections



7

Incident Energy (MeV)

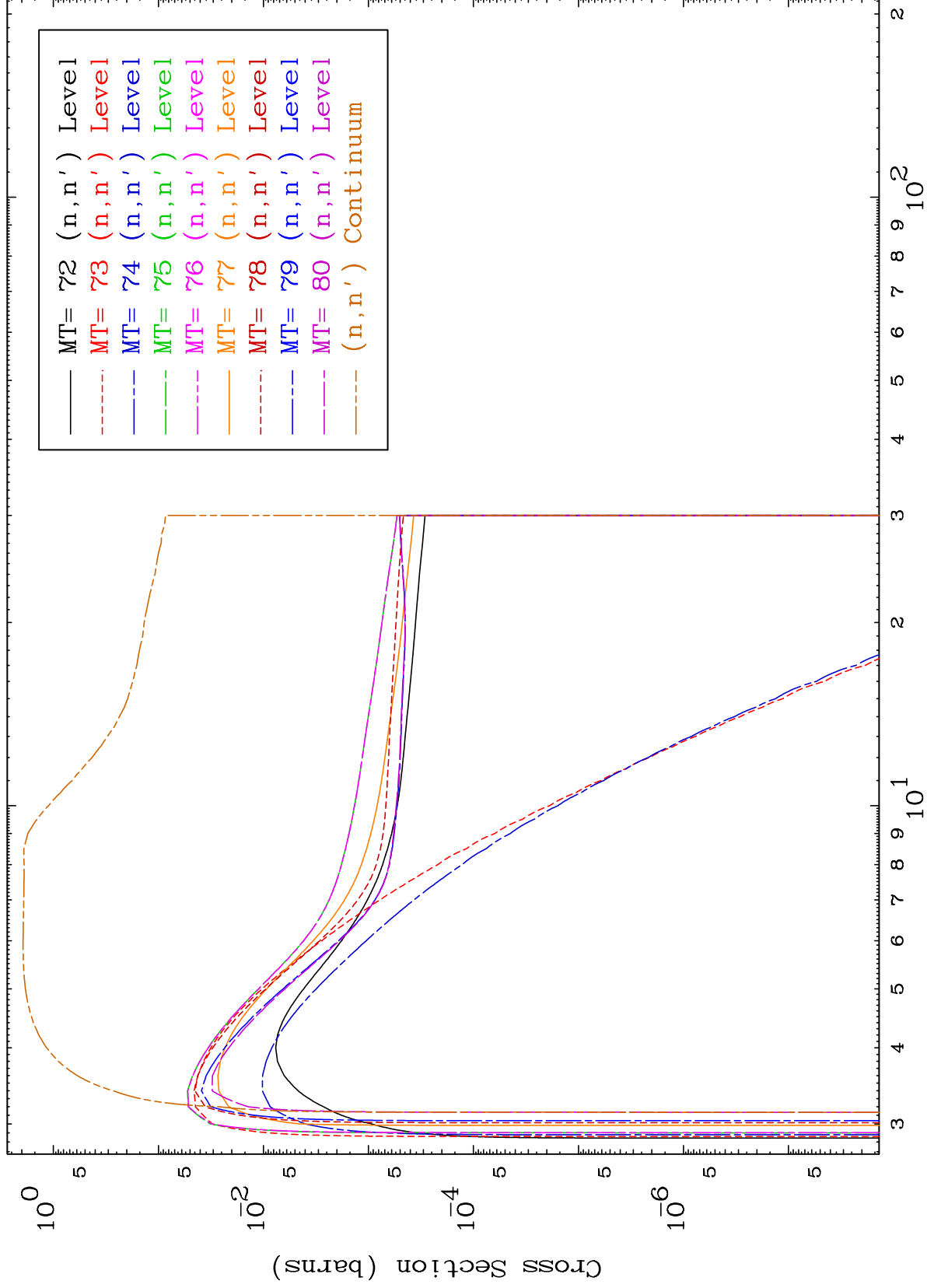
50-Sn-124

MAT 5061

(n,n') Level

50-Sn-124

293 Kelvin Cross Sections



8

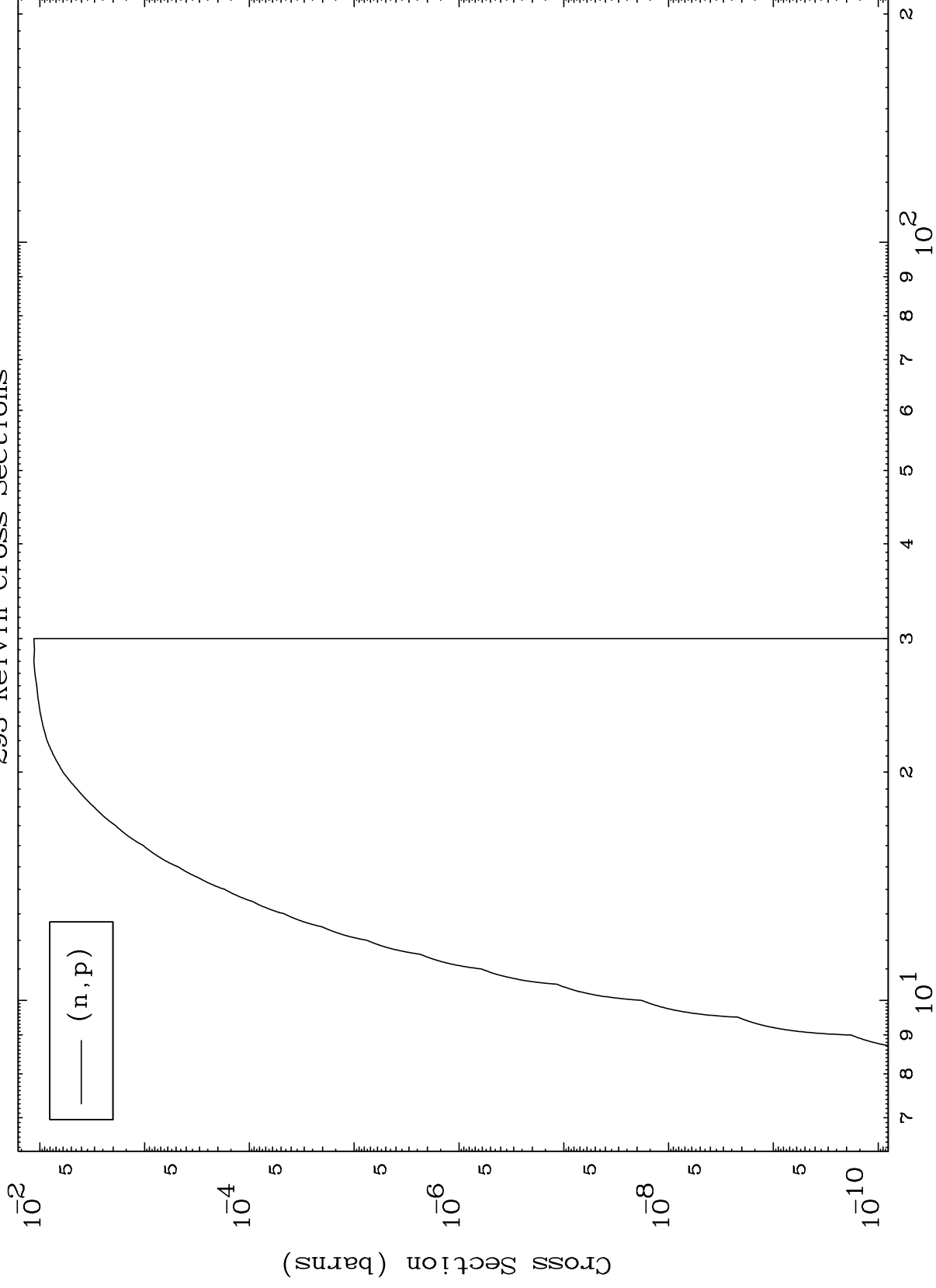
Incident Energy (MeV)

50-Sn-124

MAT 5061

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-124



9

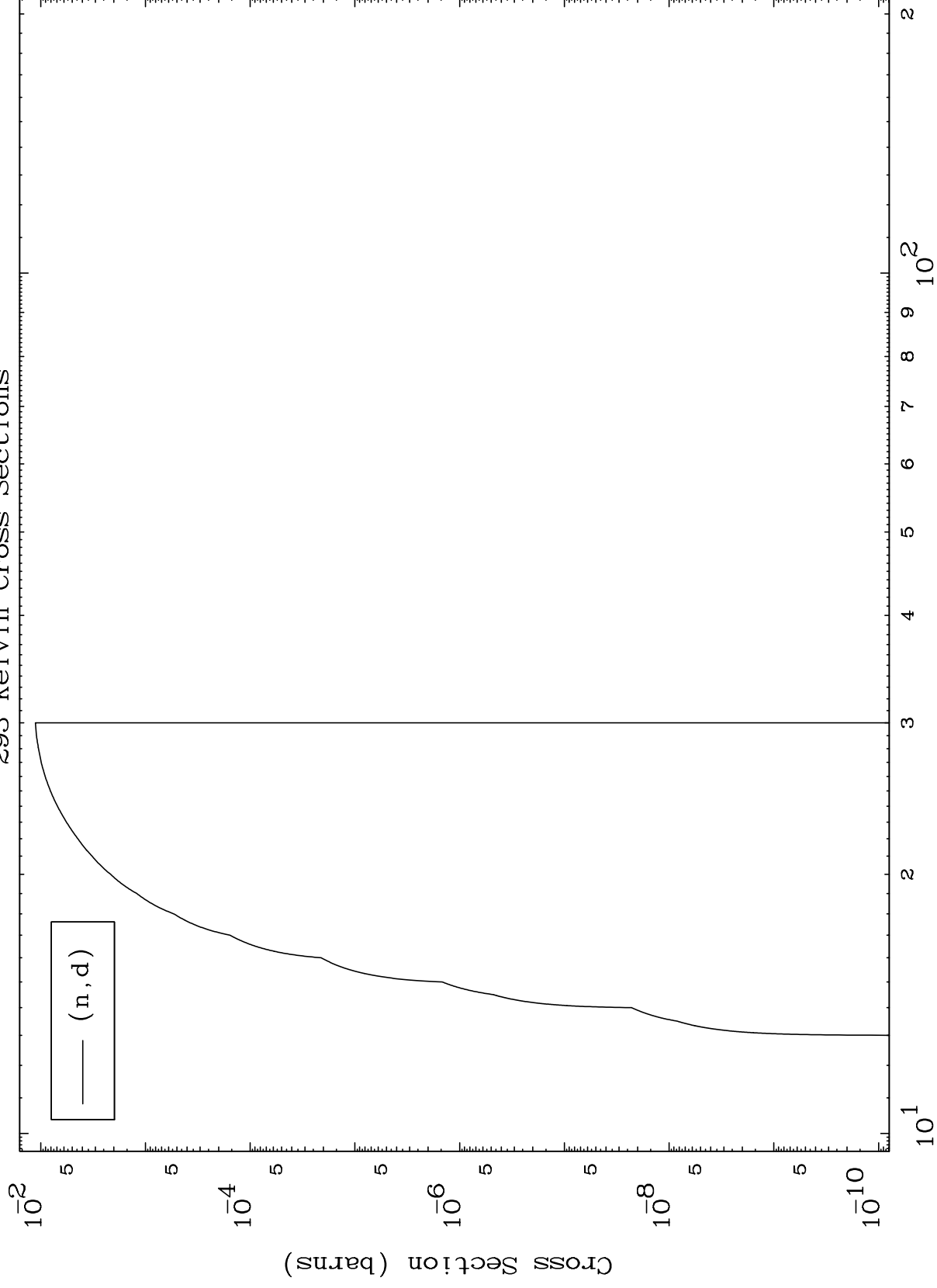
Incident Energy (MeV)

50-Sn-124

MAT 5061

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-124



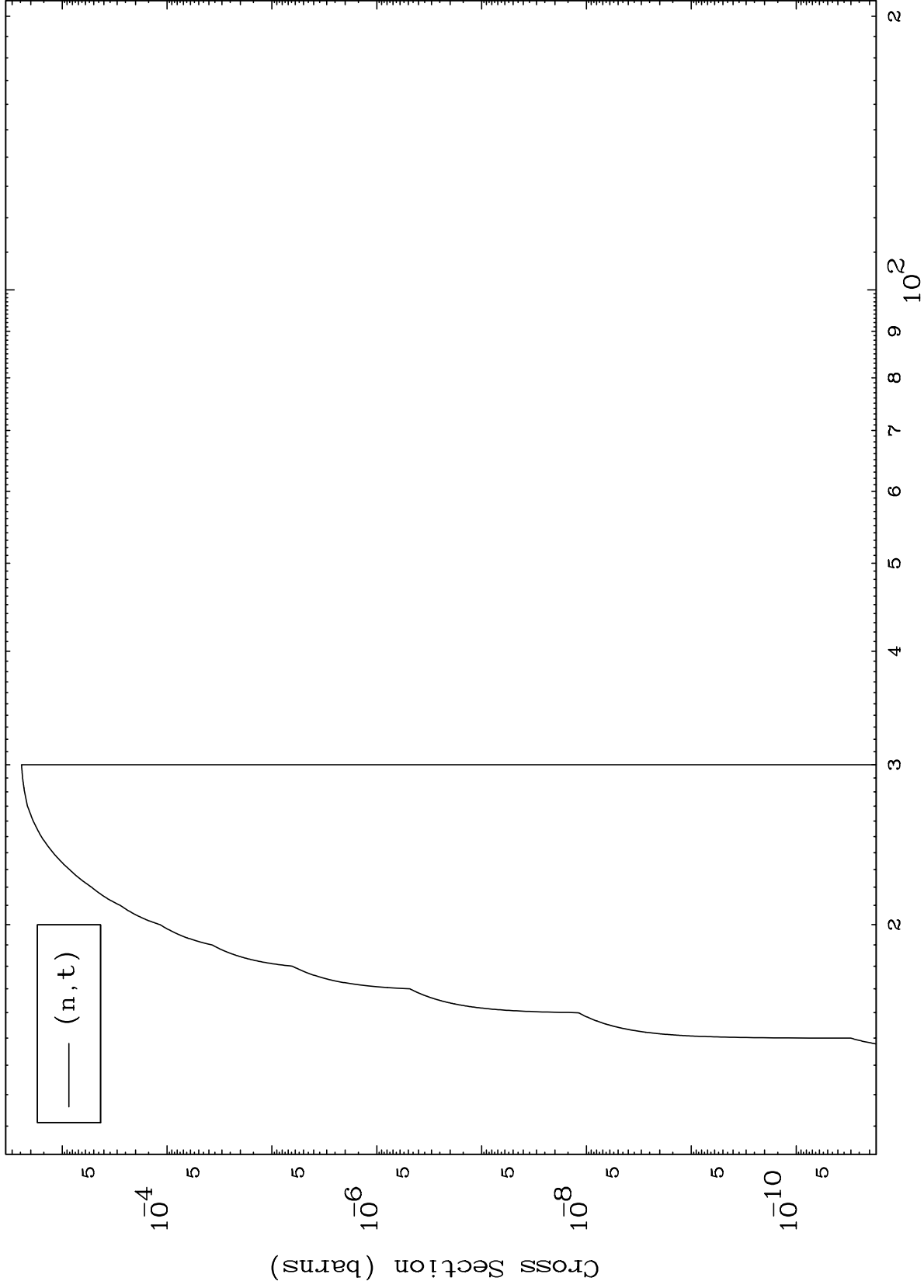
Incident Energy (MeV)

50-Sn-124

MAT 5061

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-124



11

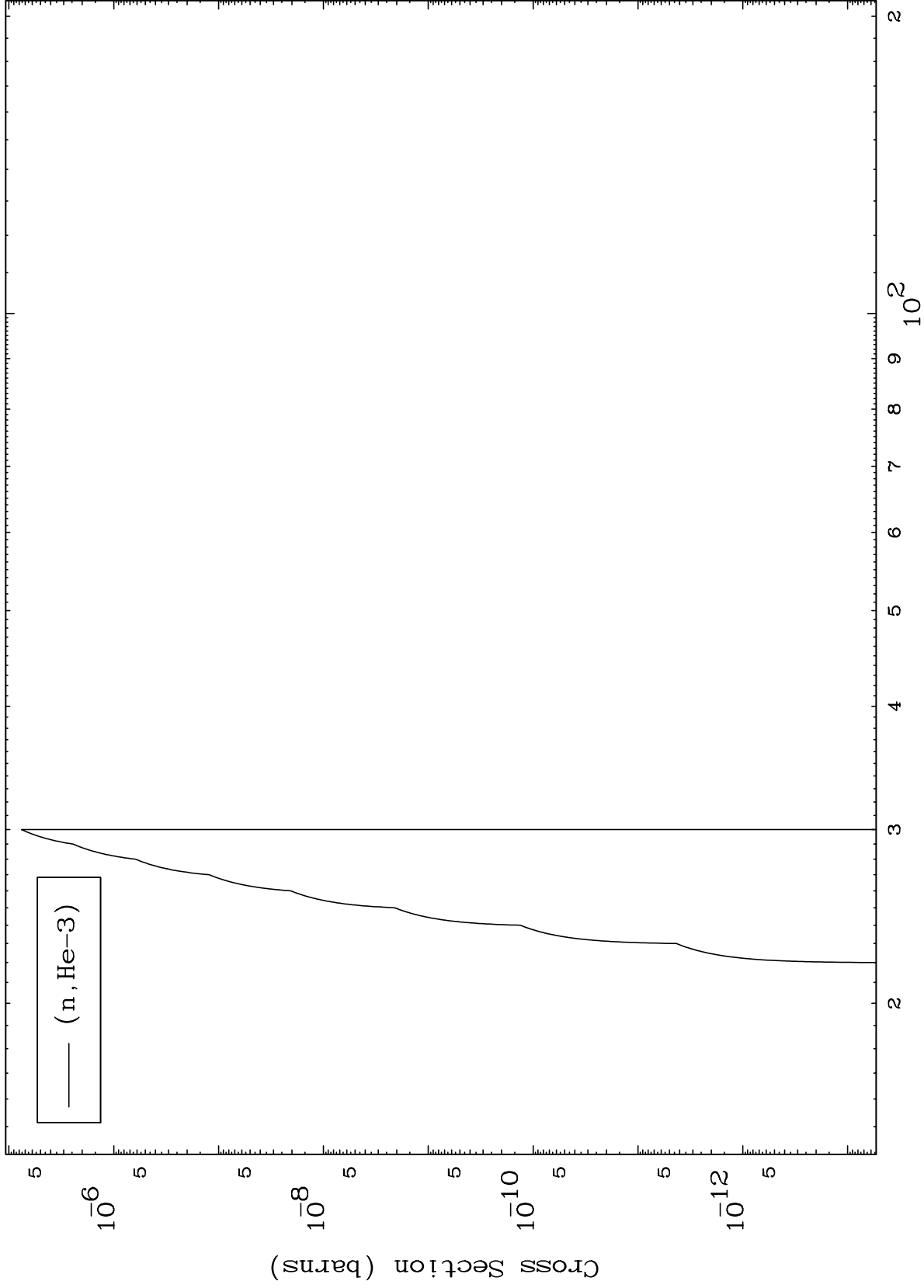
Incident Energy (MeV)

50-Sn-124

MAT 5061

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-124



12

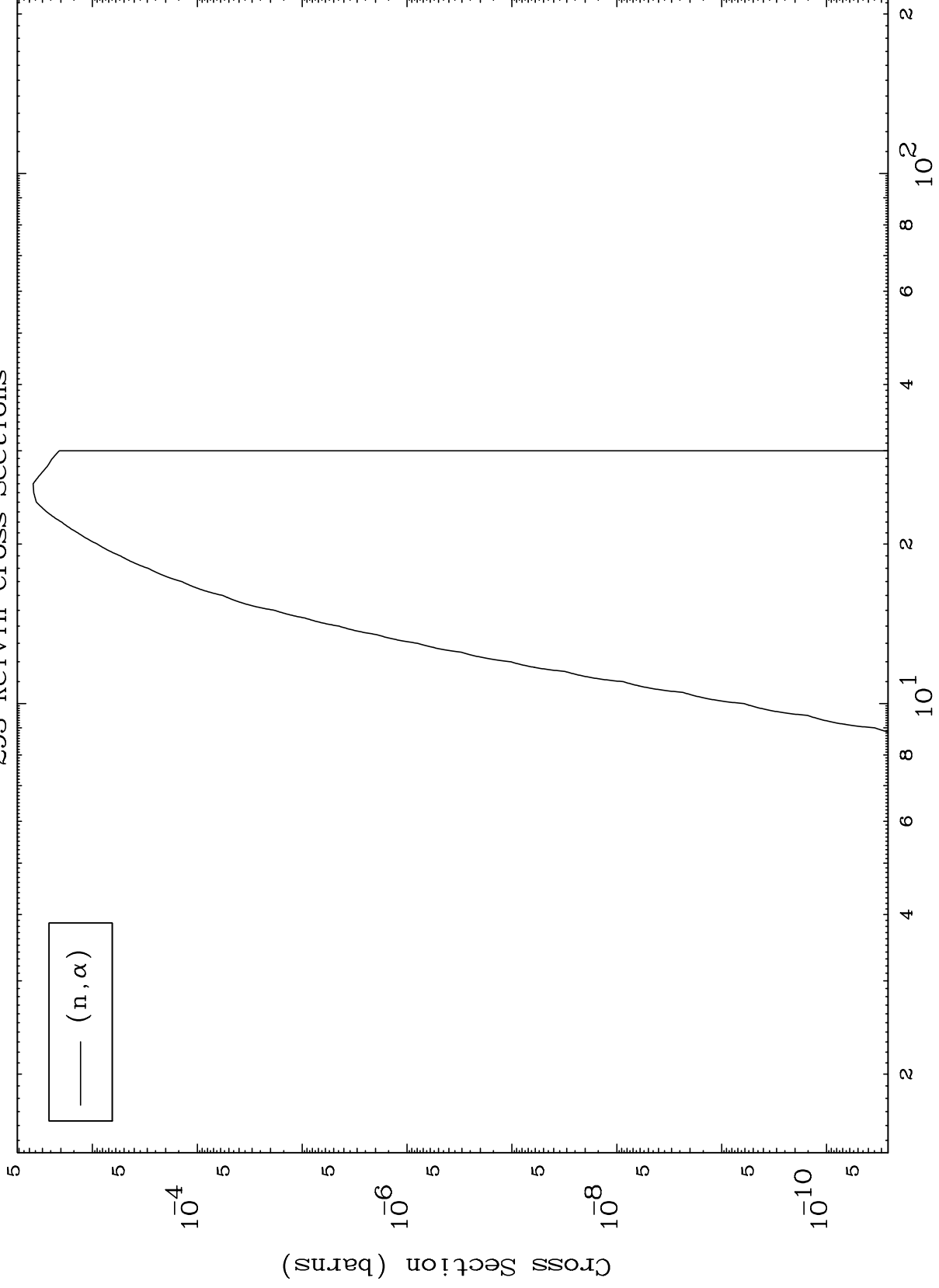
Incident Energy (MeV)

50-Sn-124

MAT 5061

(n, α) Levels
293 Kelvin Cross Sections

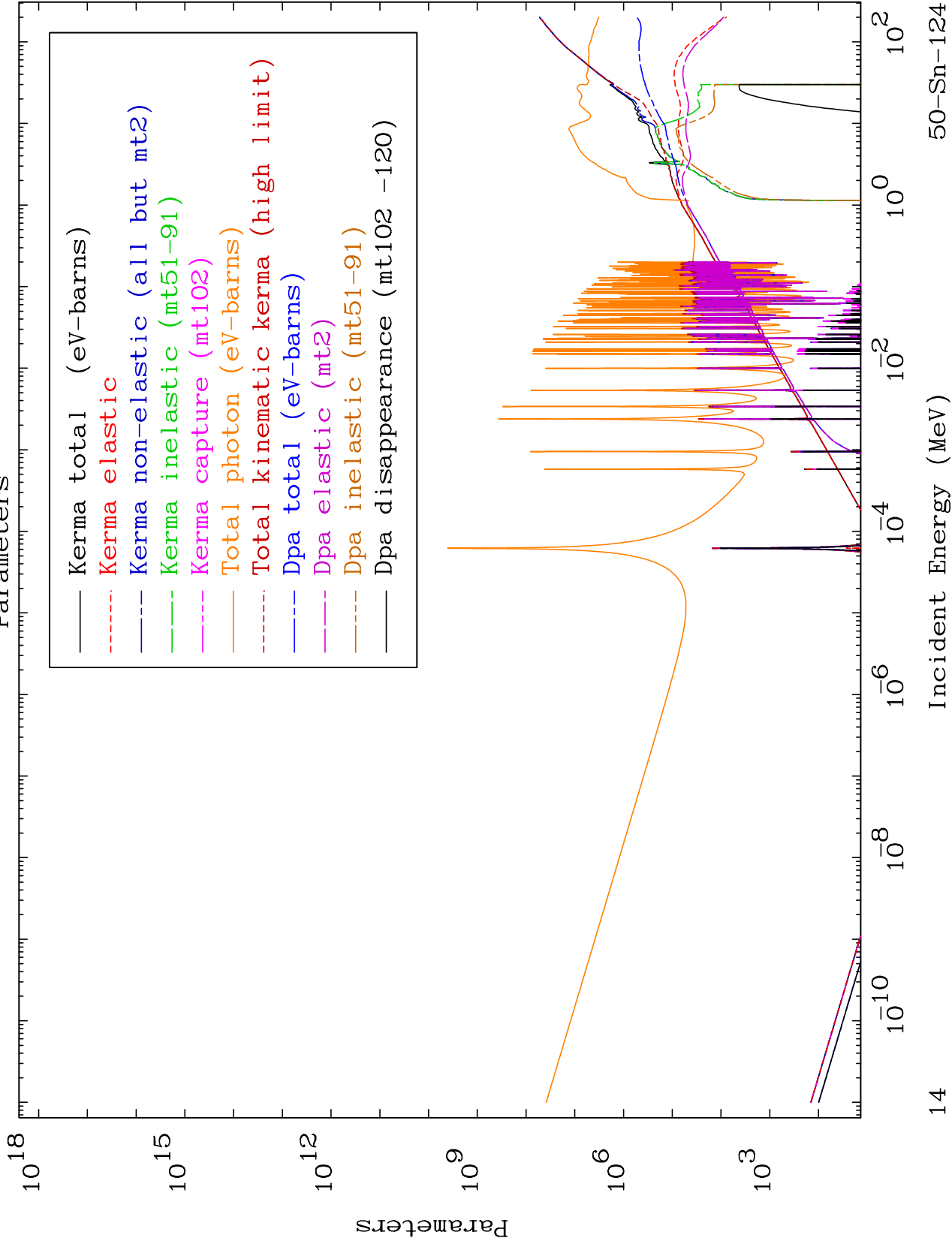
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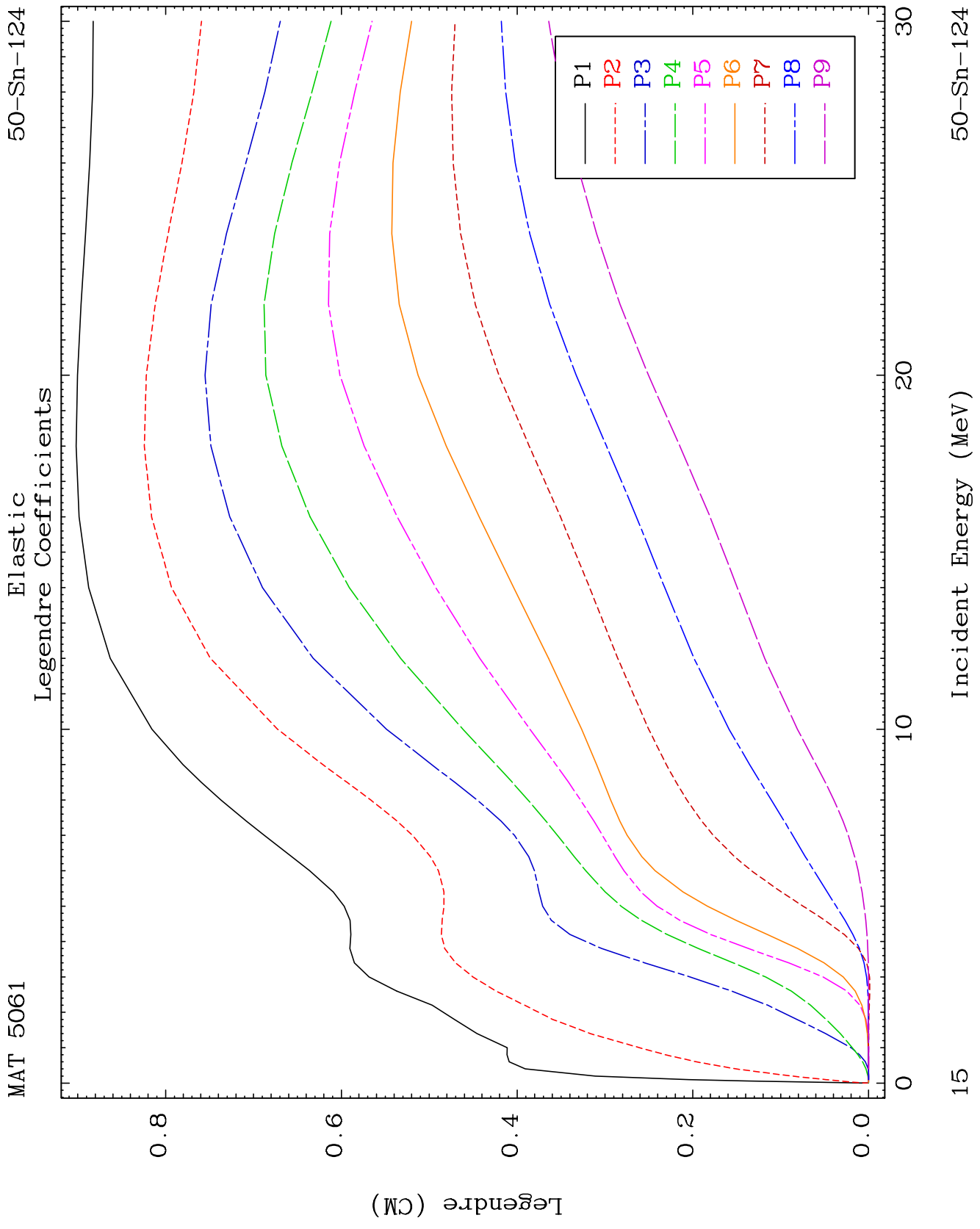


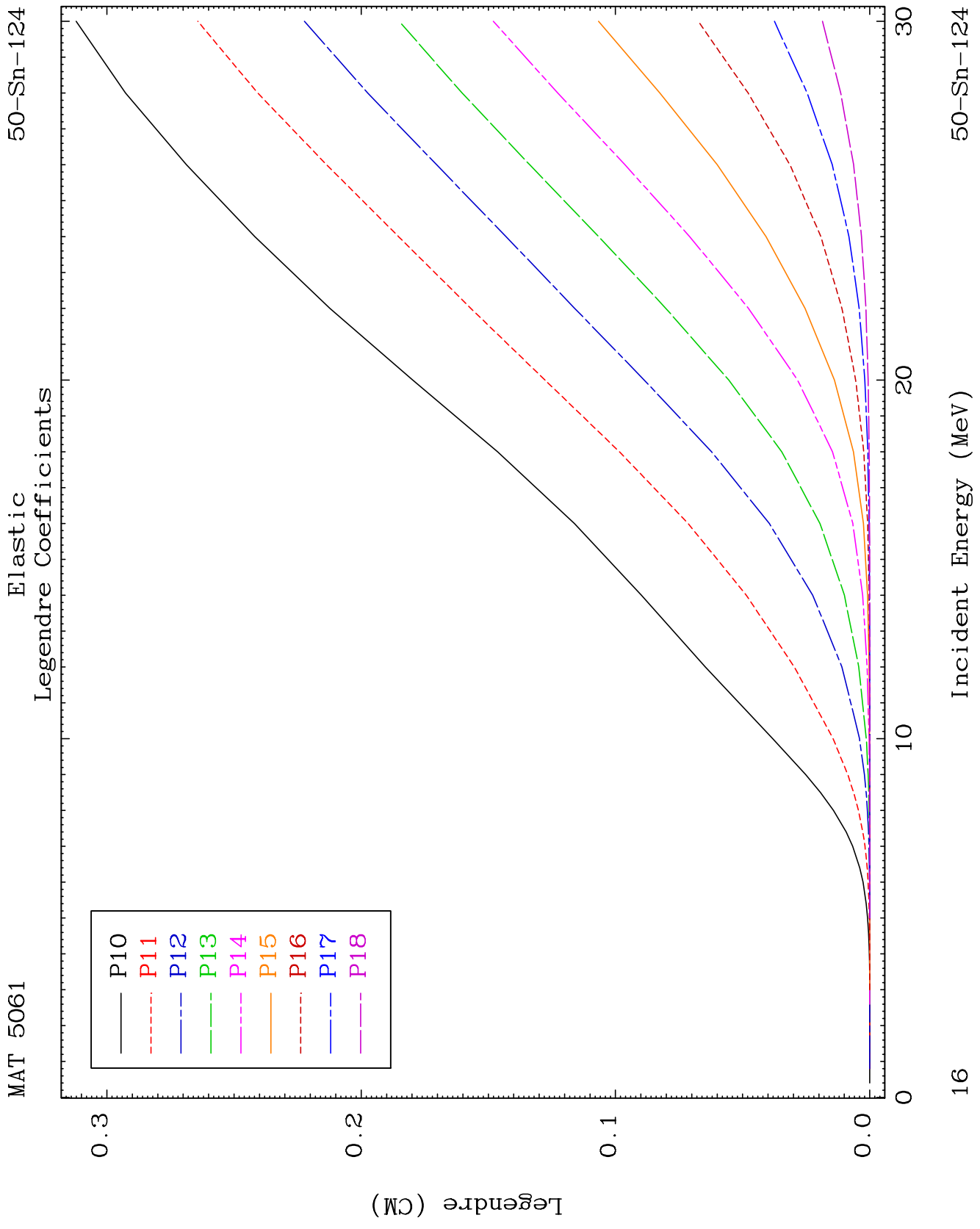
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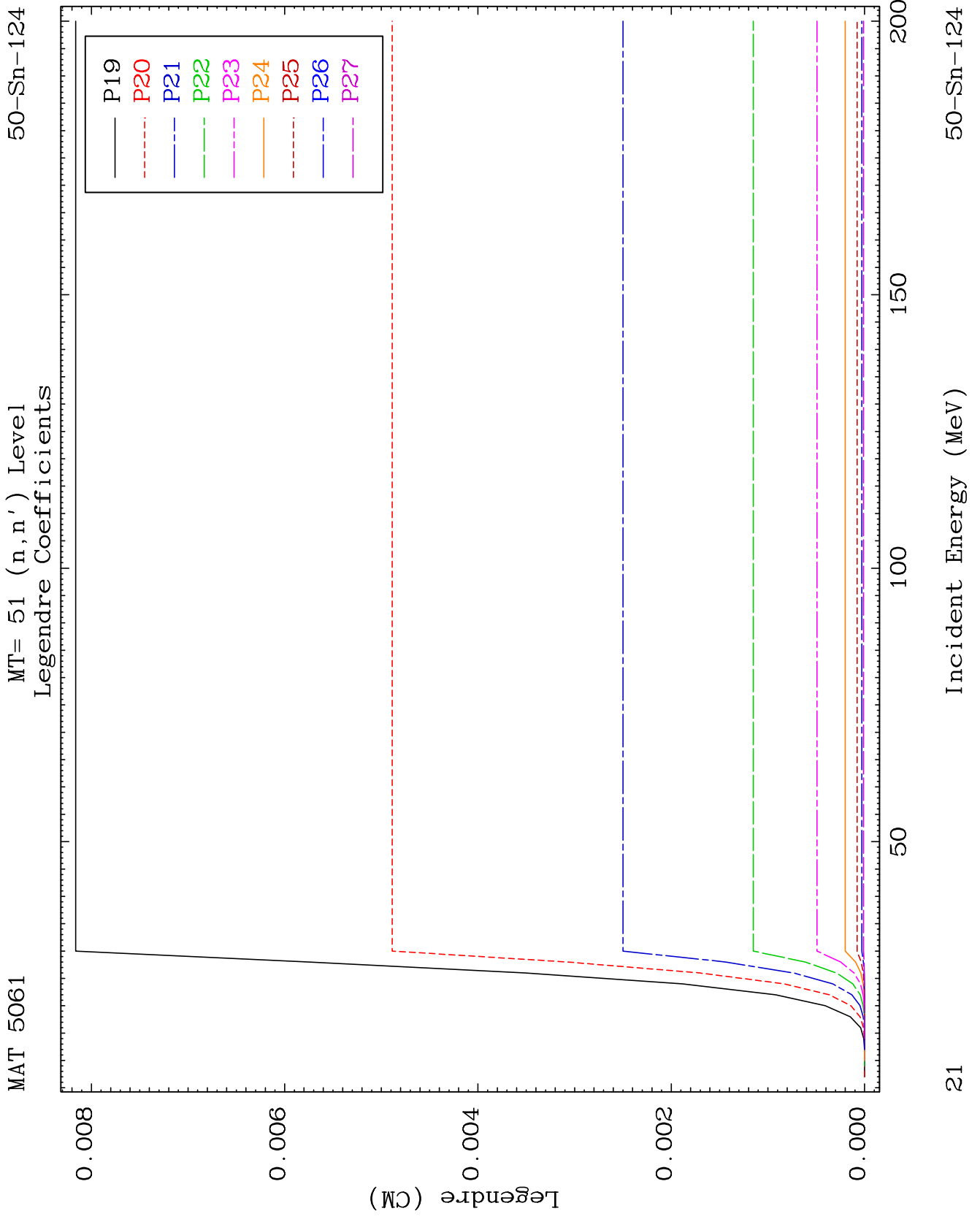
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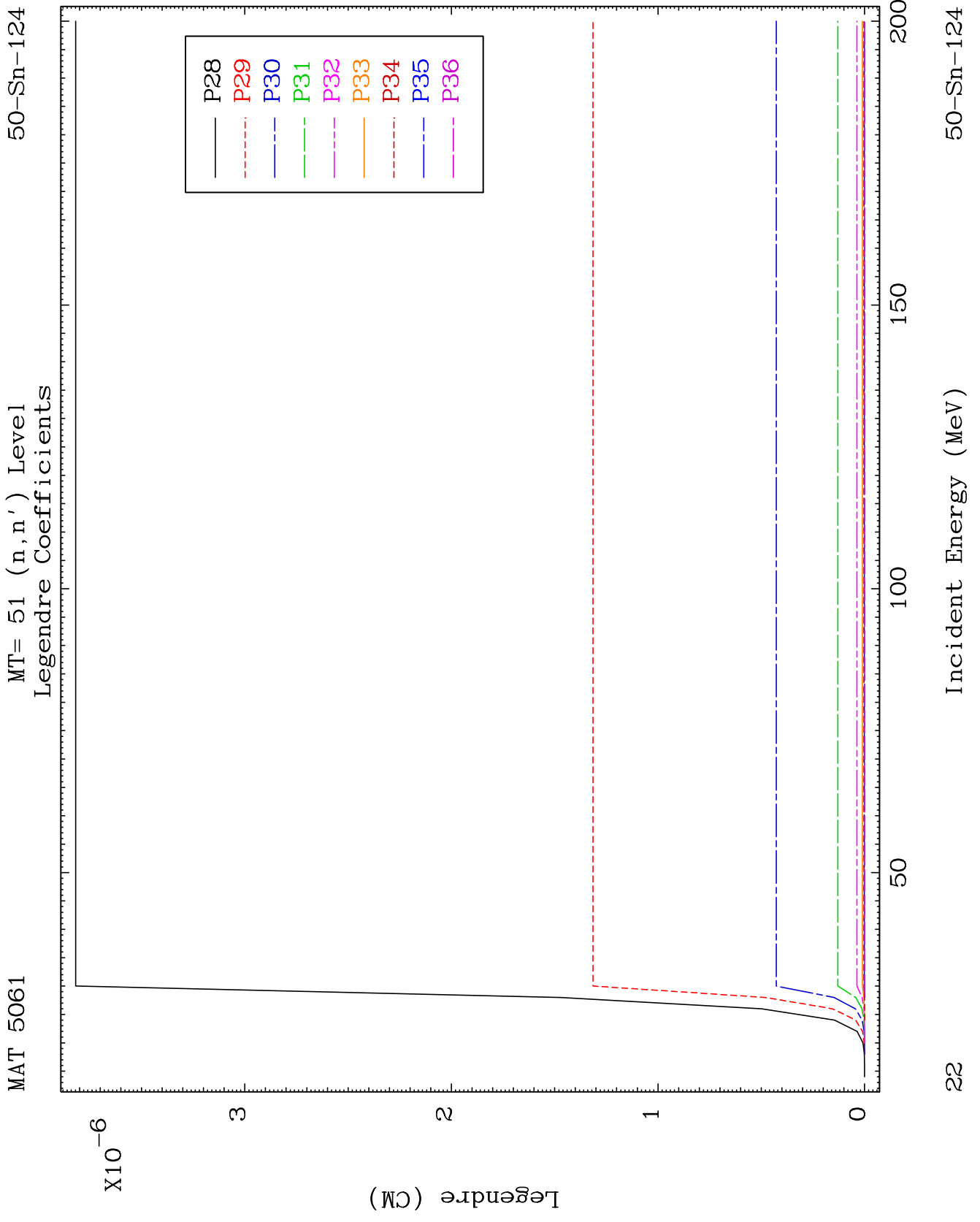
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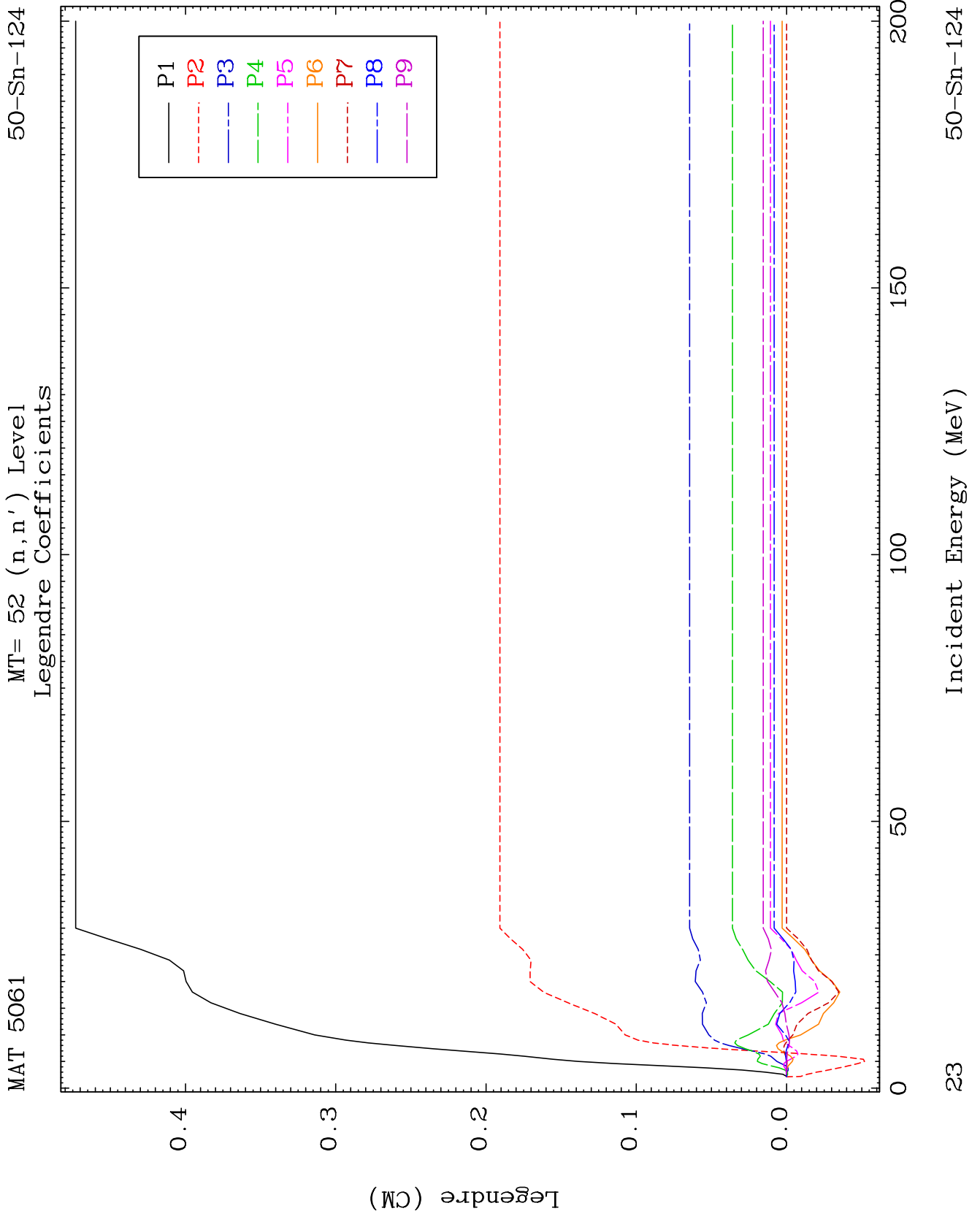








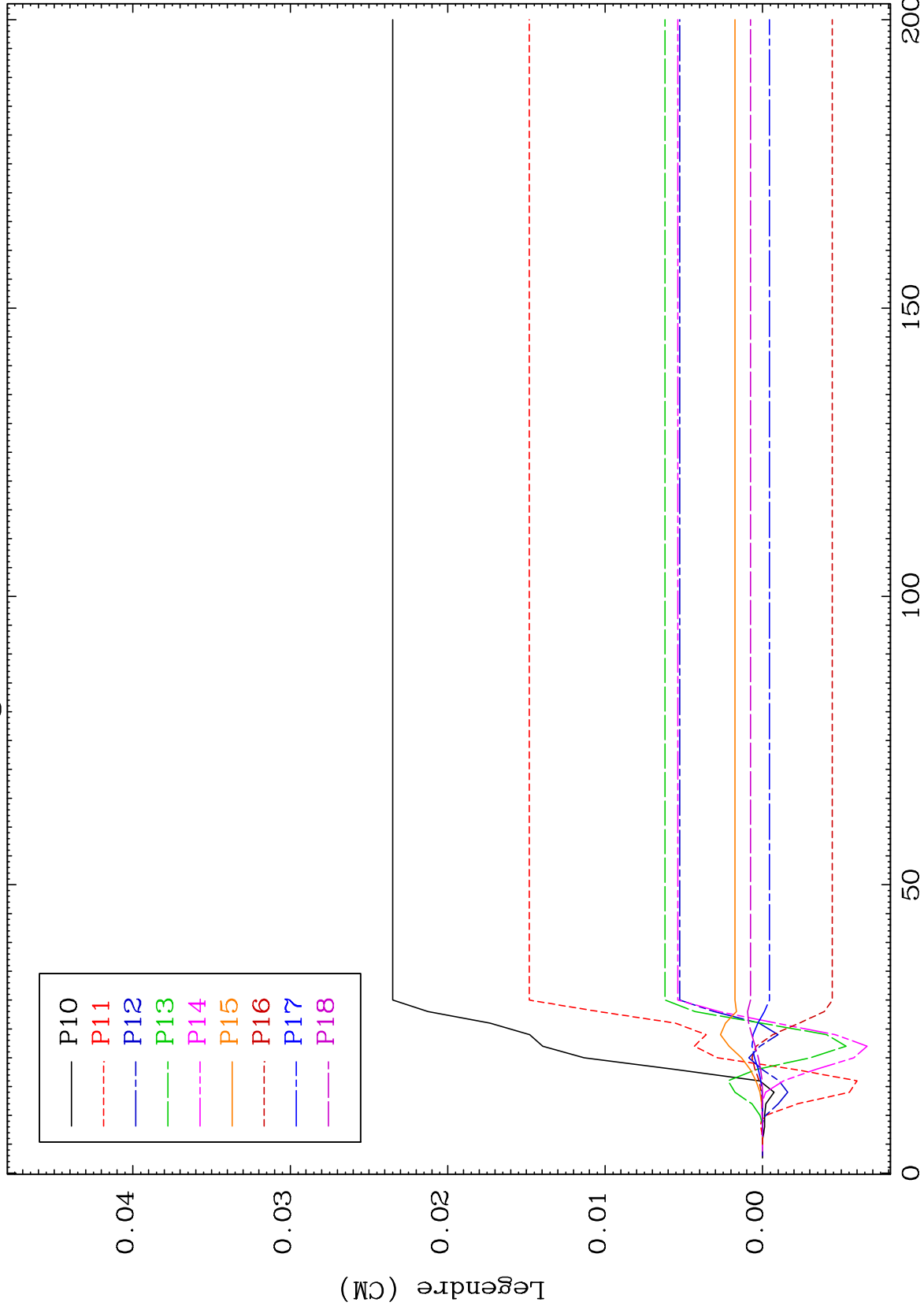




MAT 5061

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

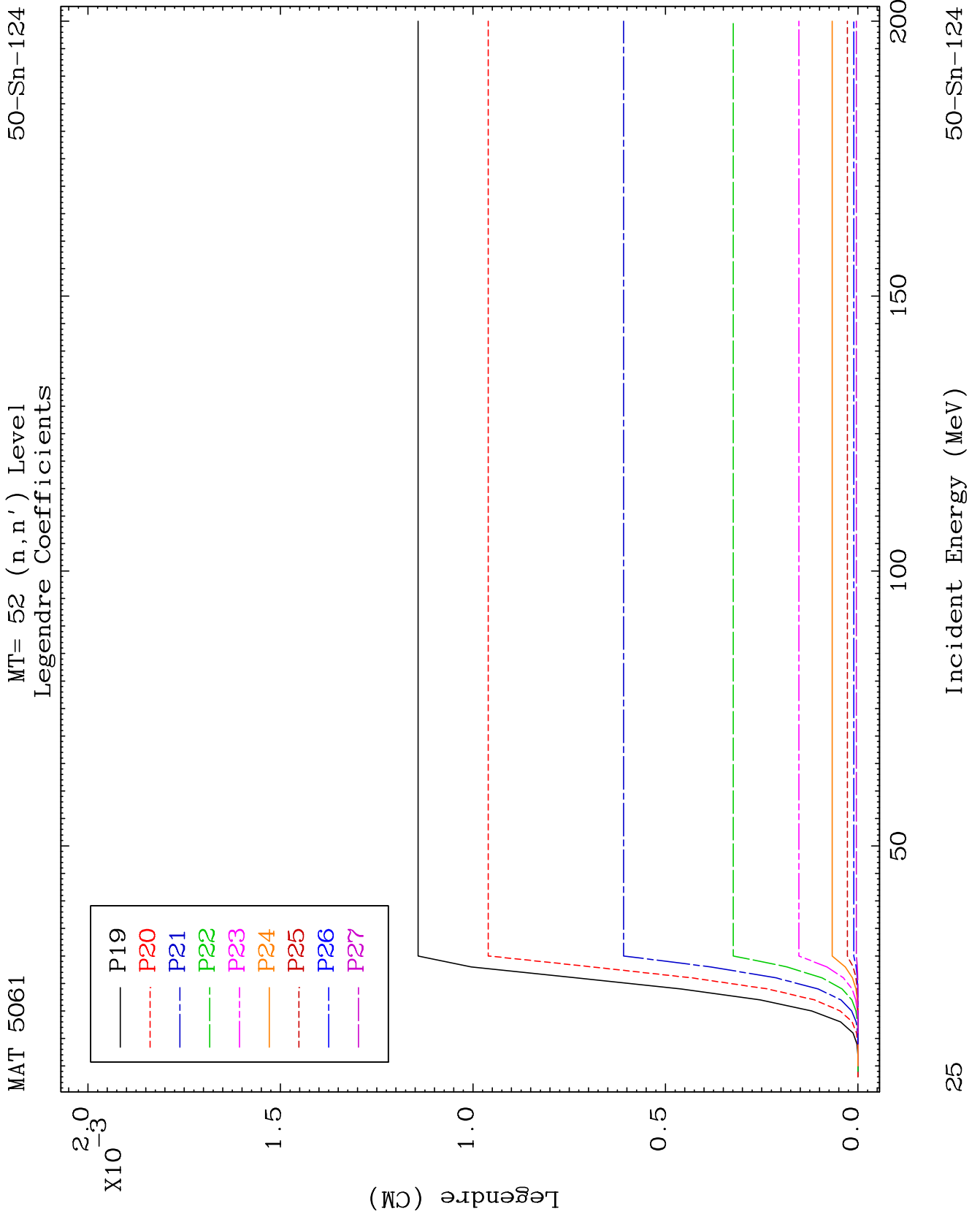
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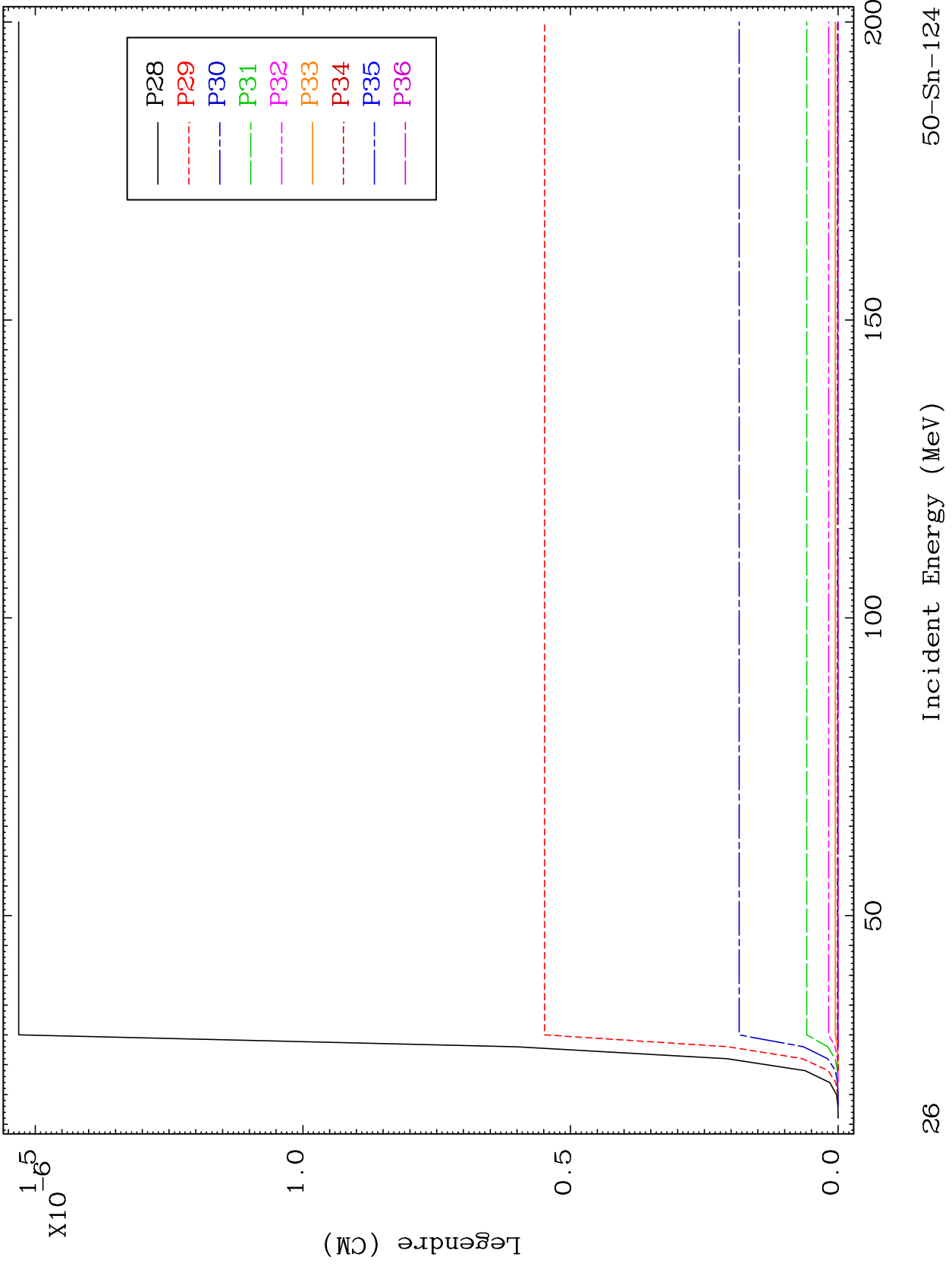
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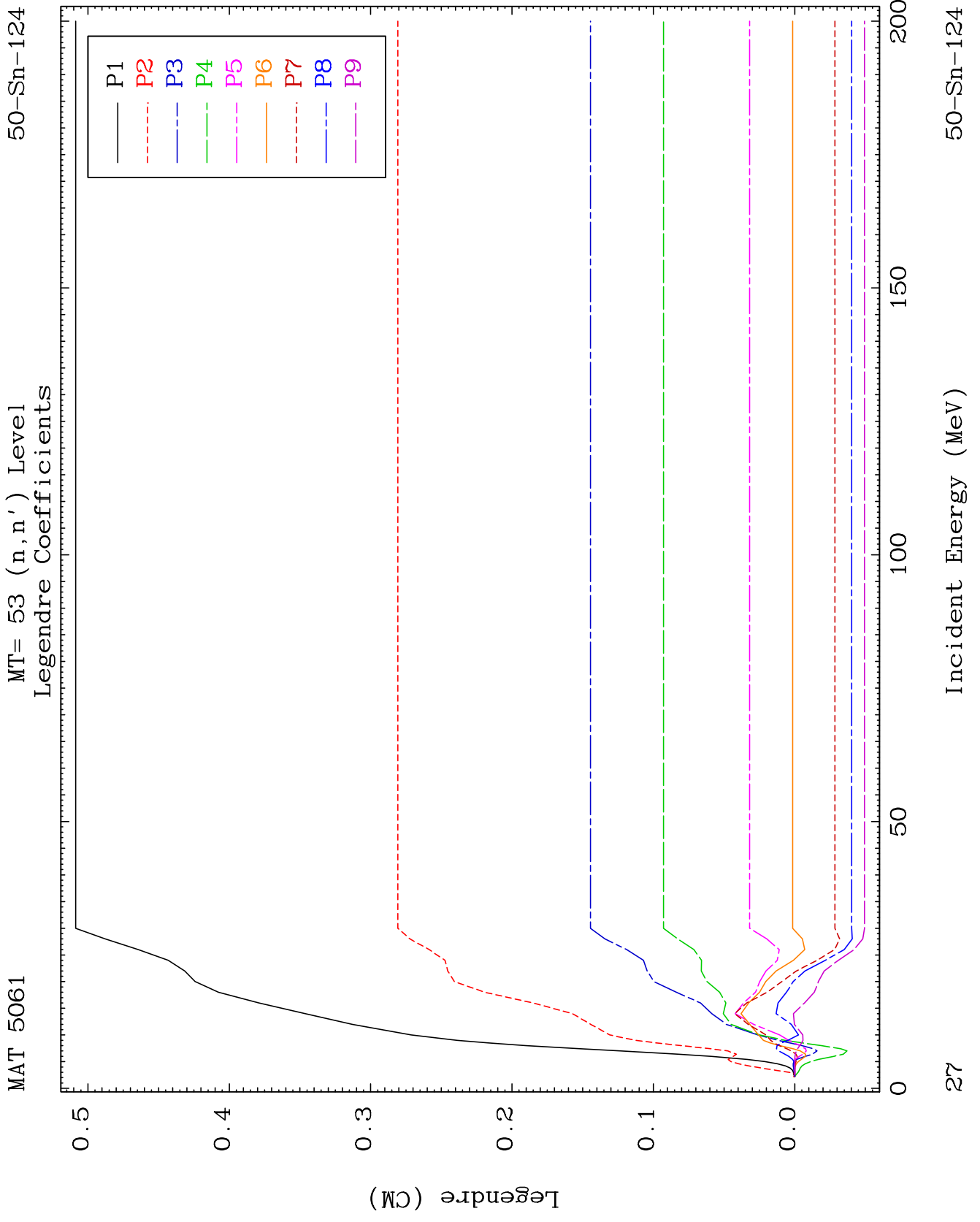
Incident Energy (MeV)

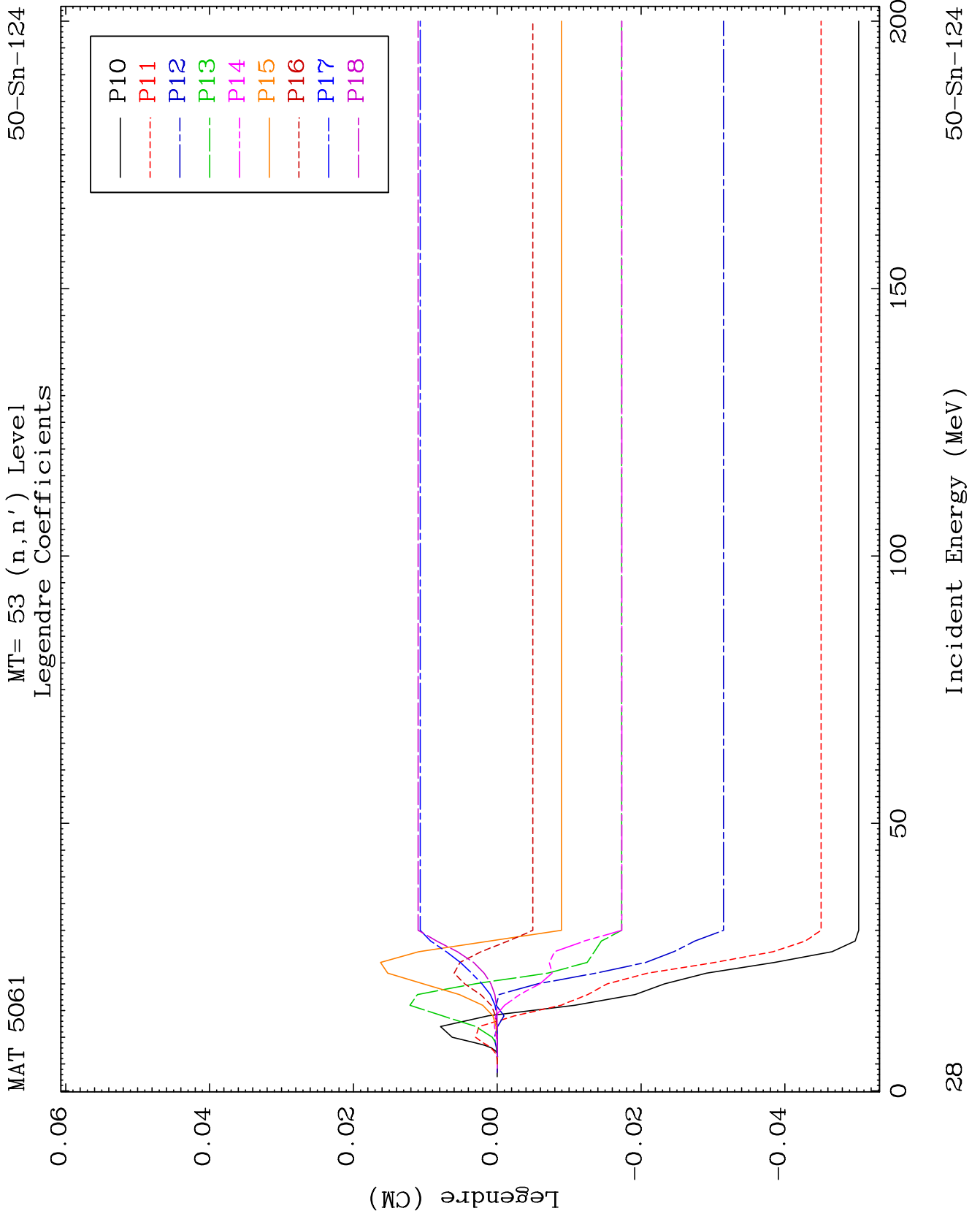
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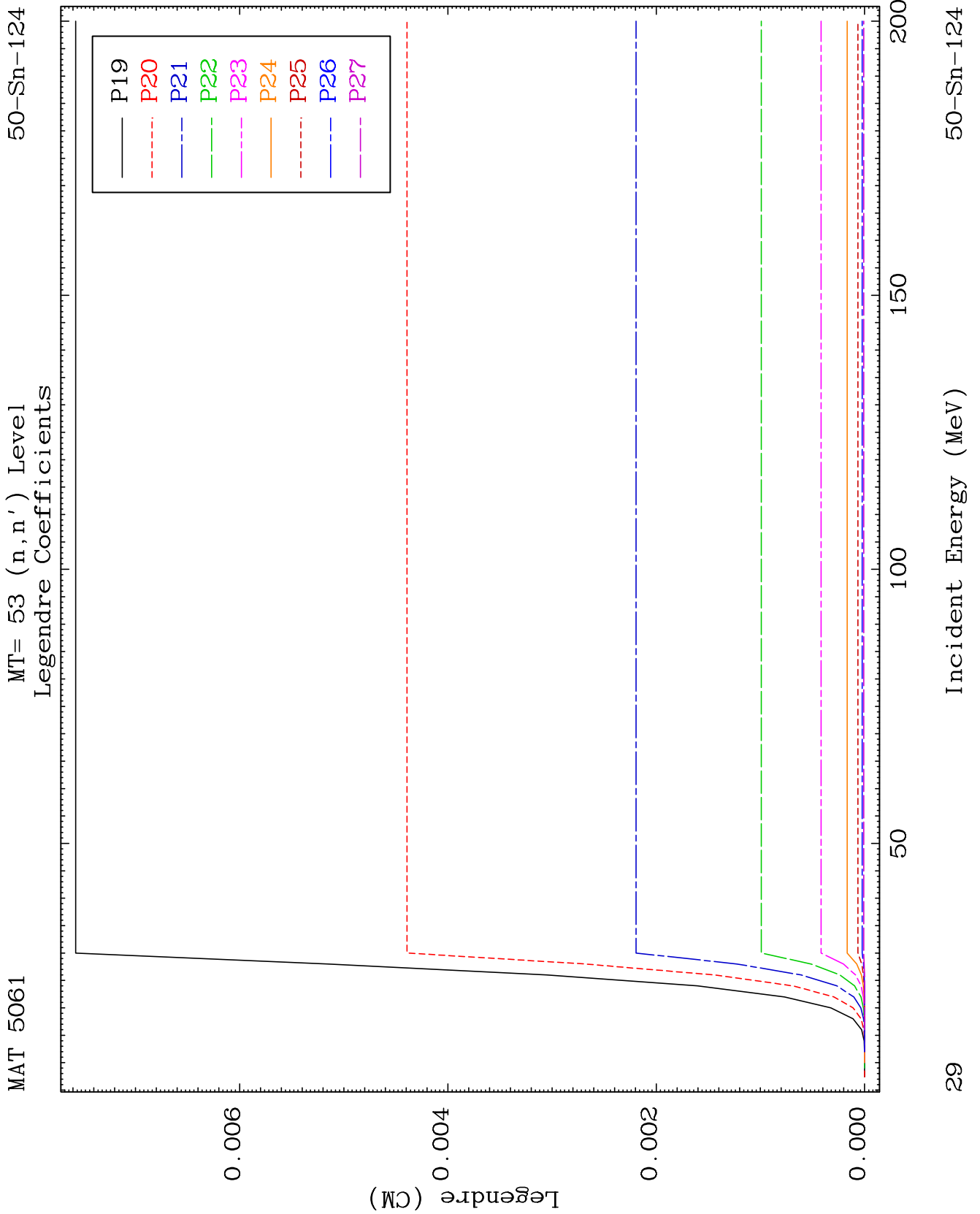


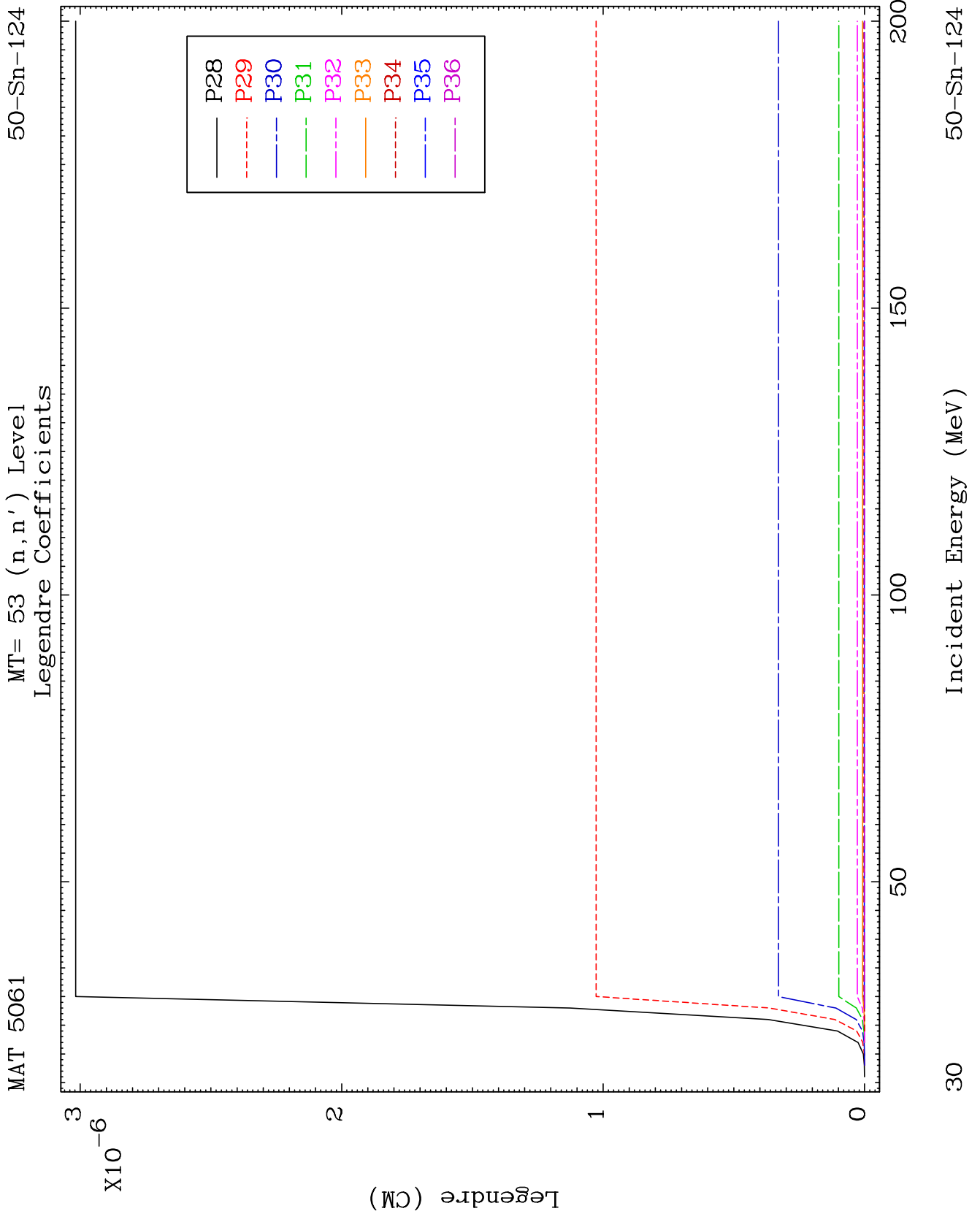
MAT 5061 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-124

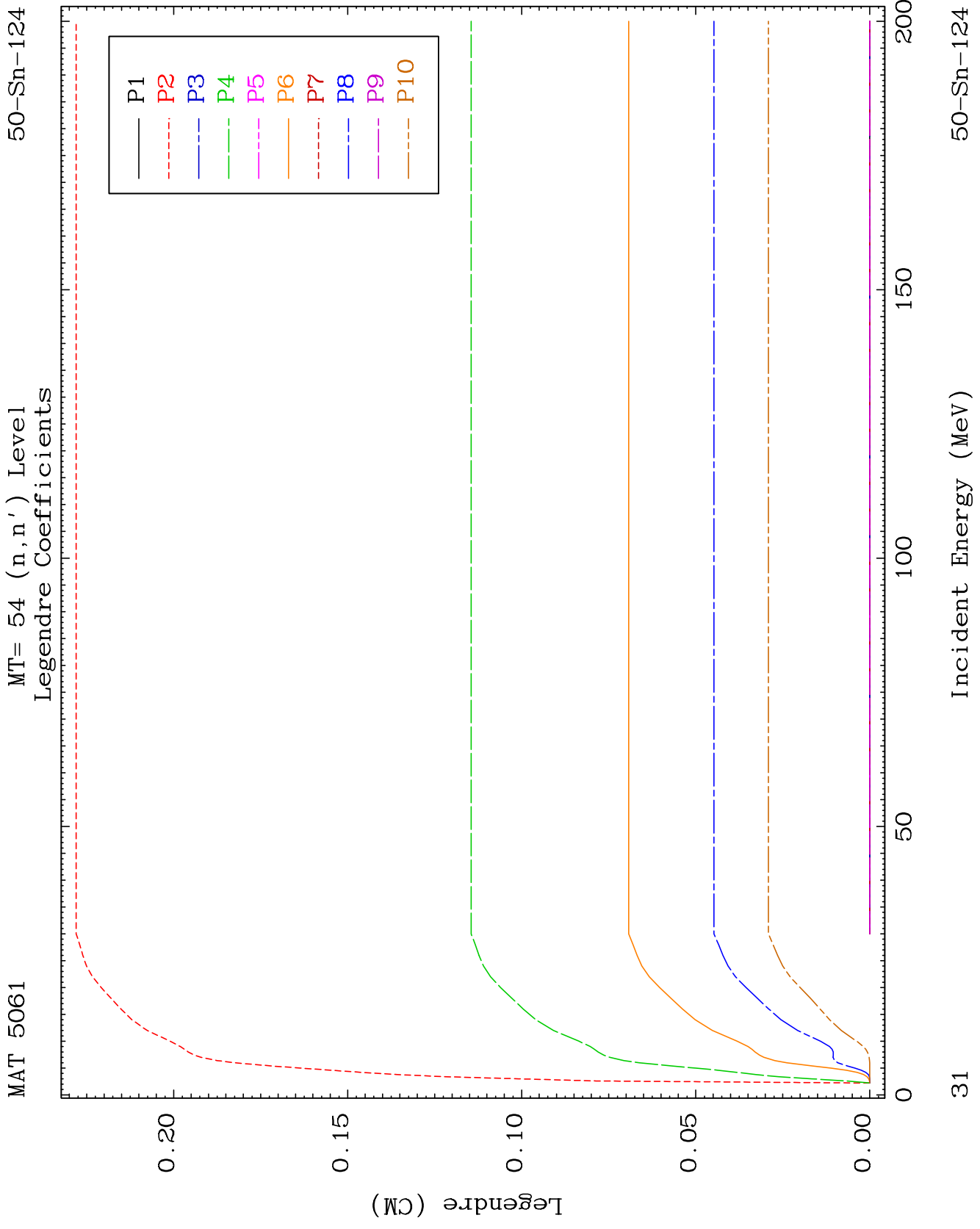


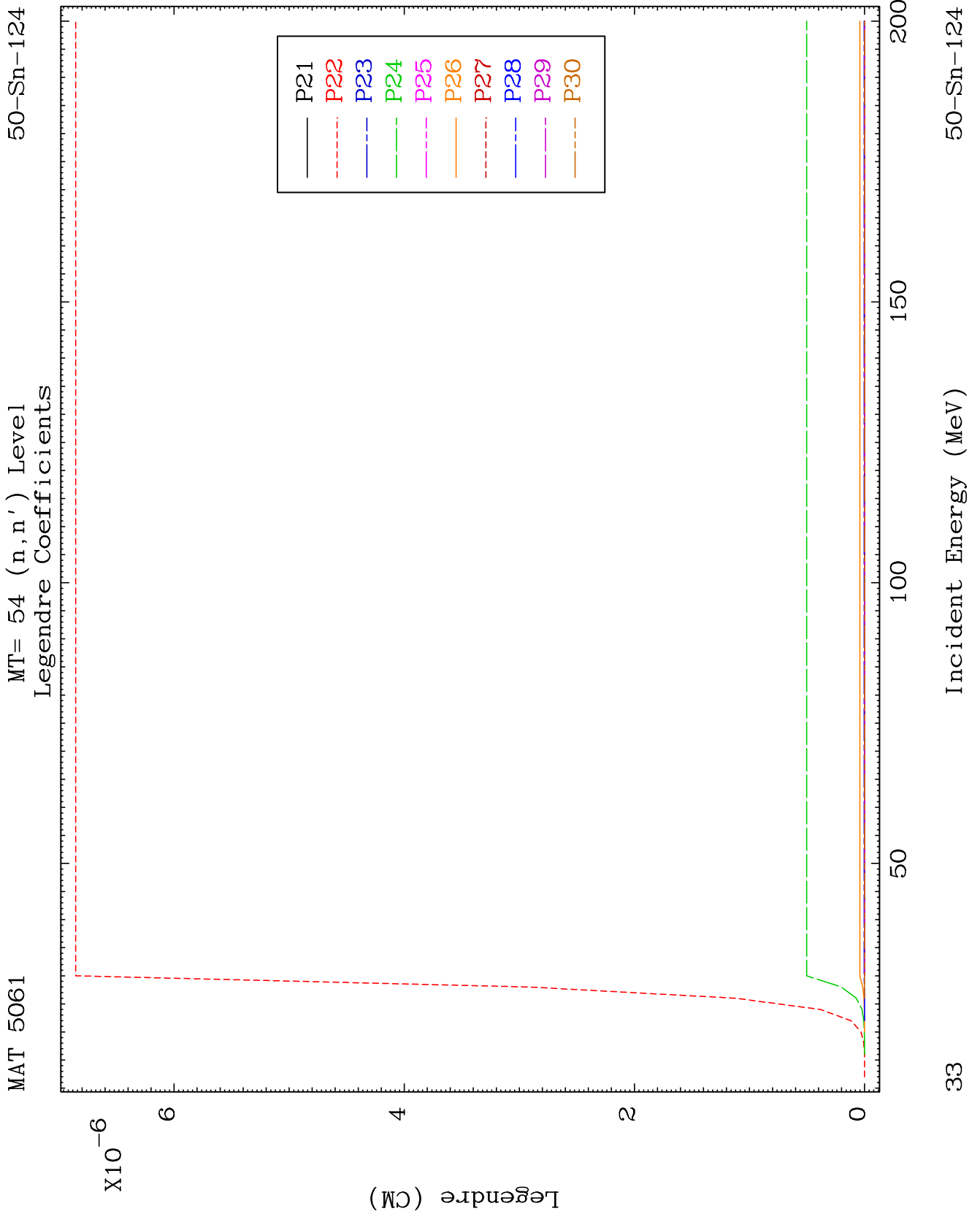


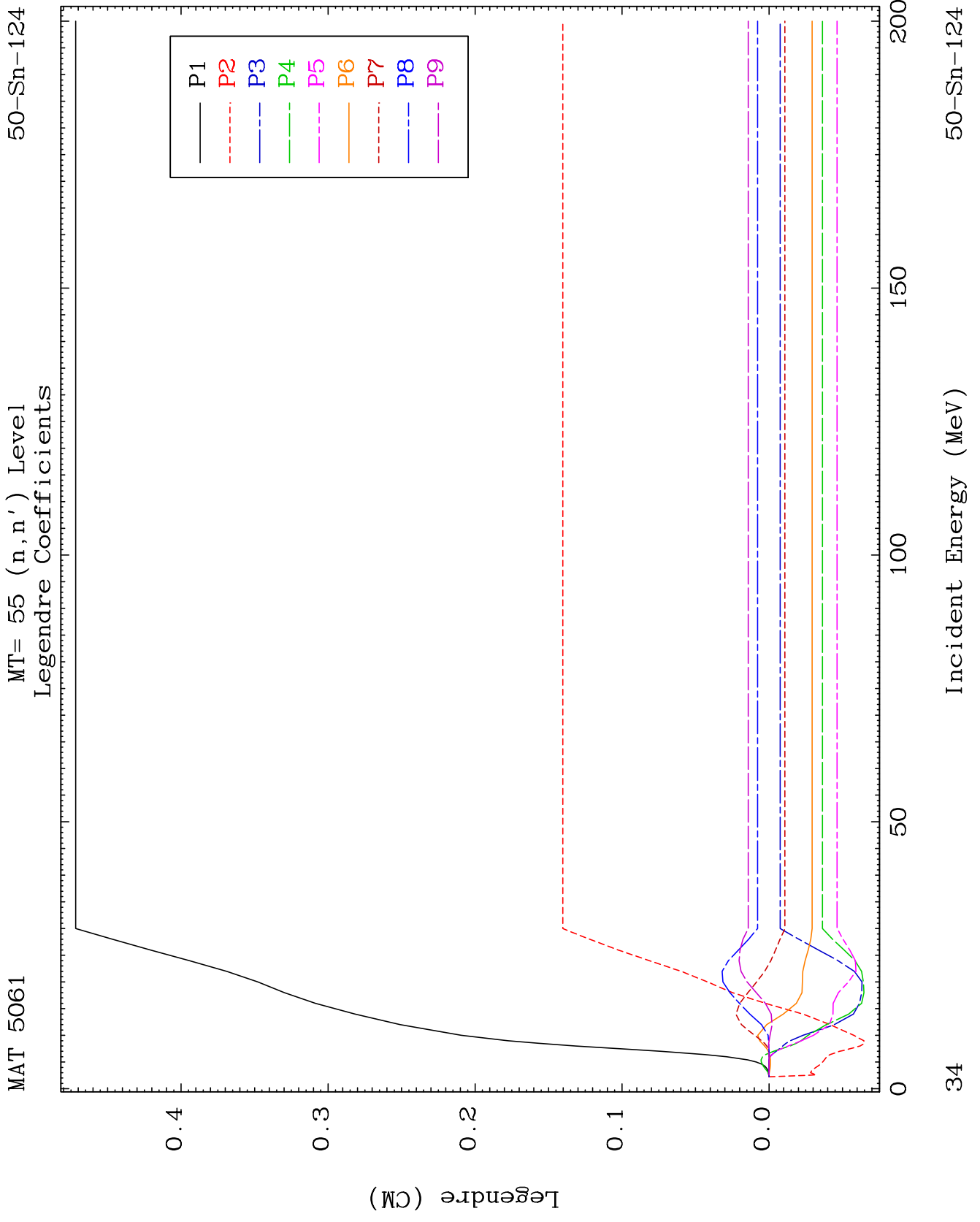








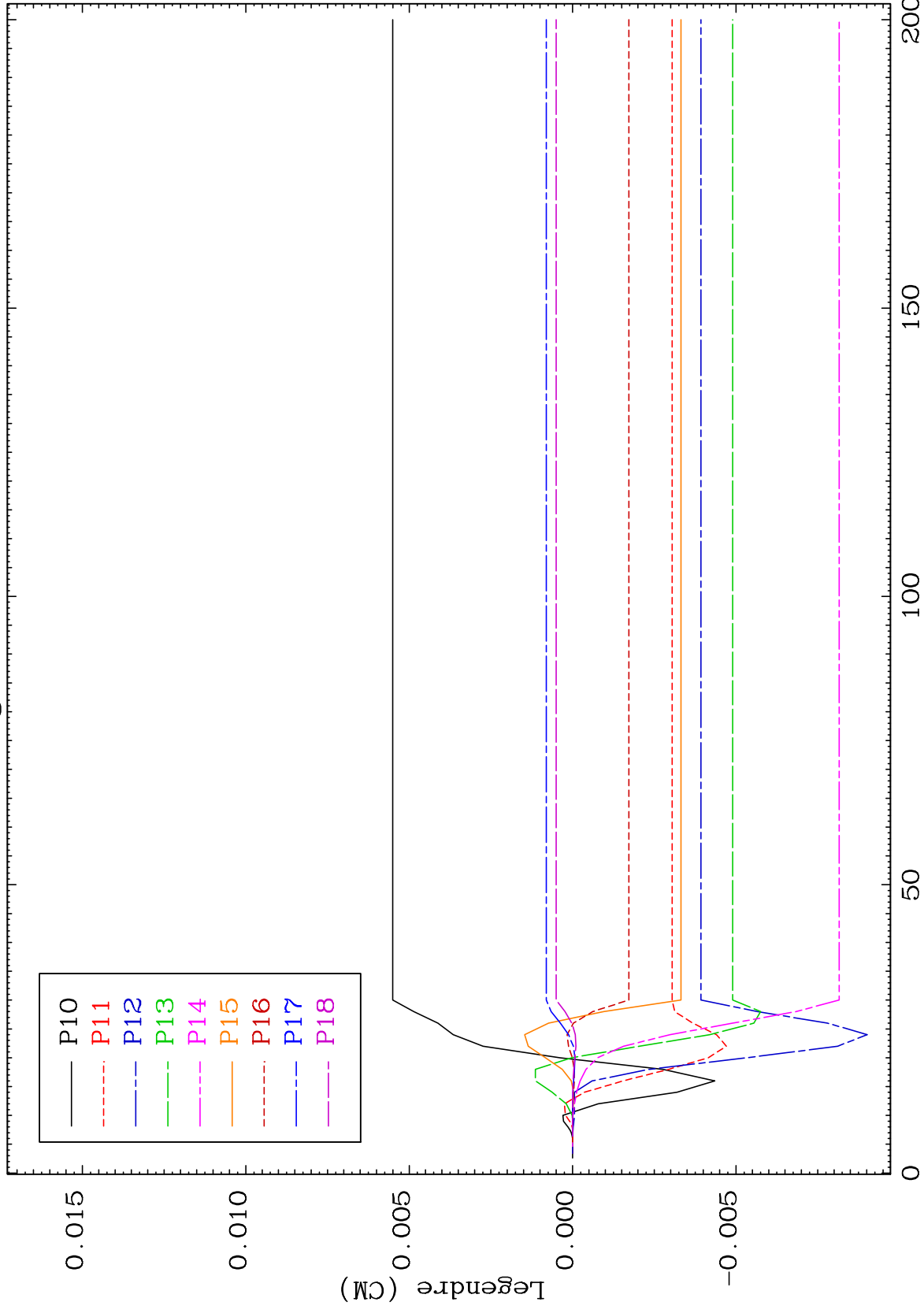




MAT 5061

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

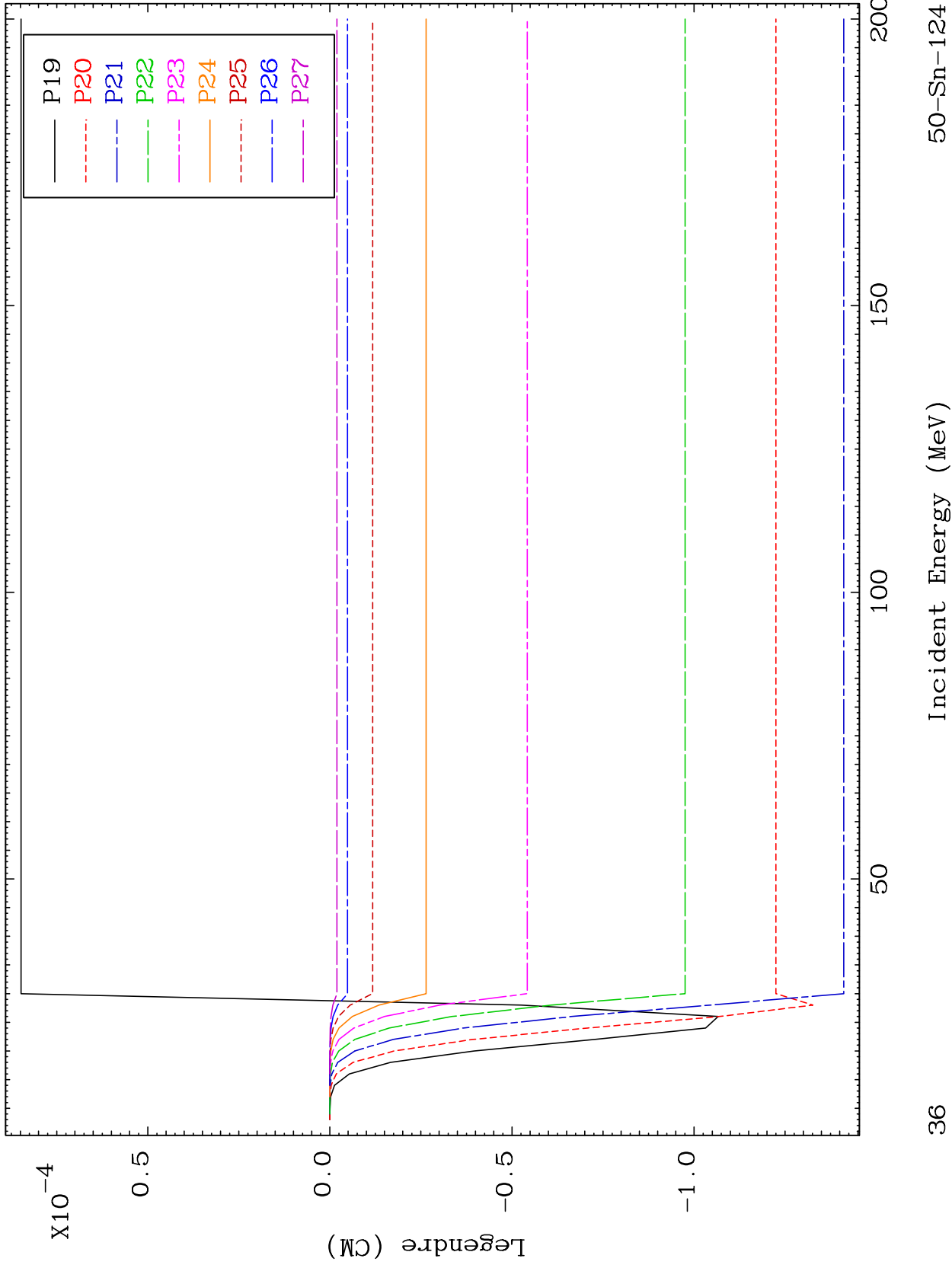
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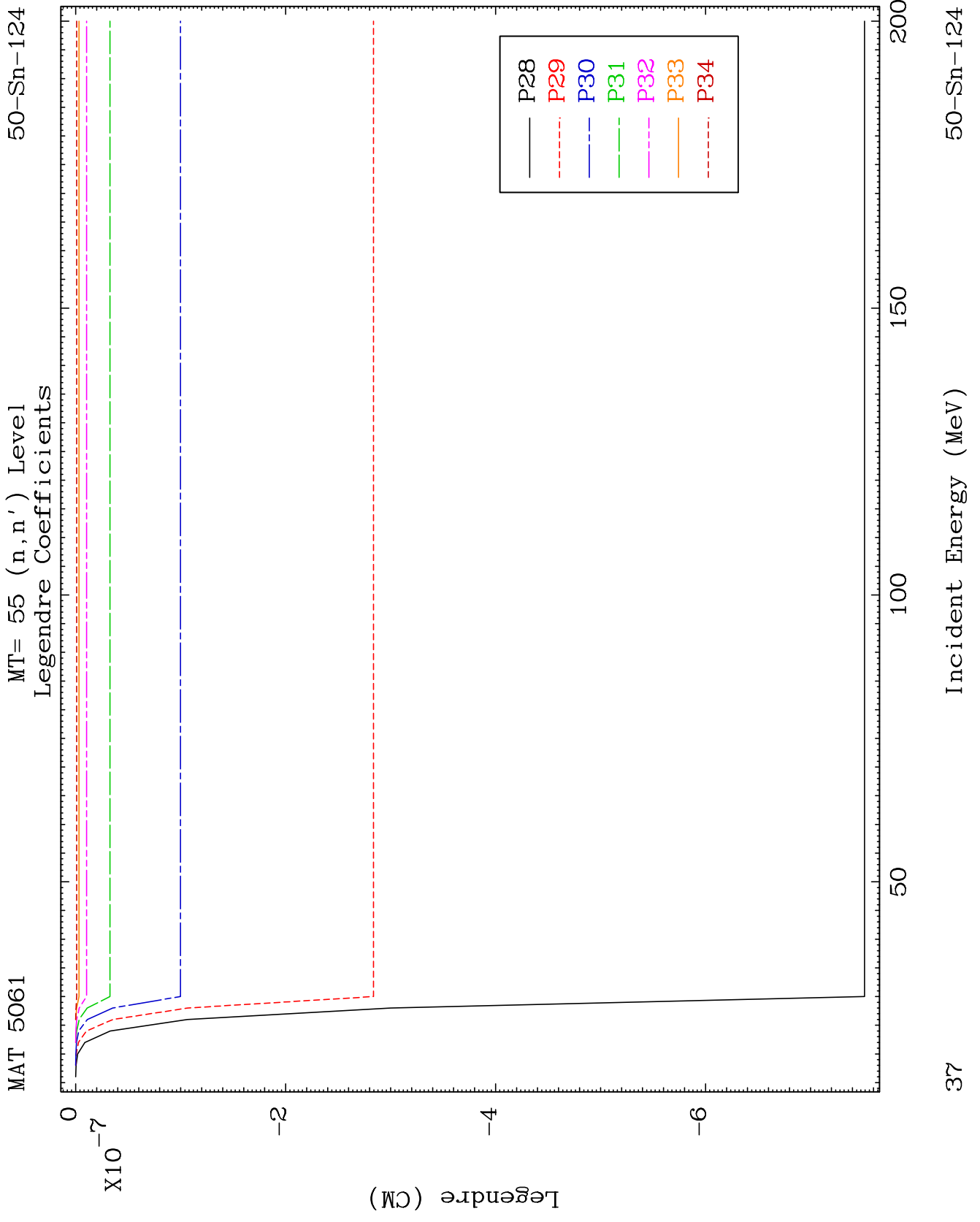


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Incident Energy (MeV)

50-Sn-124

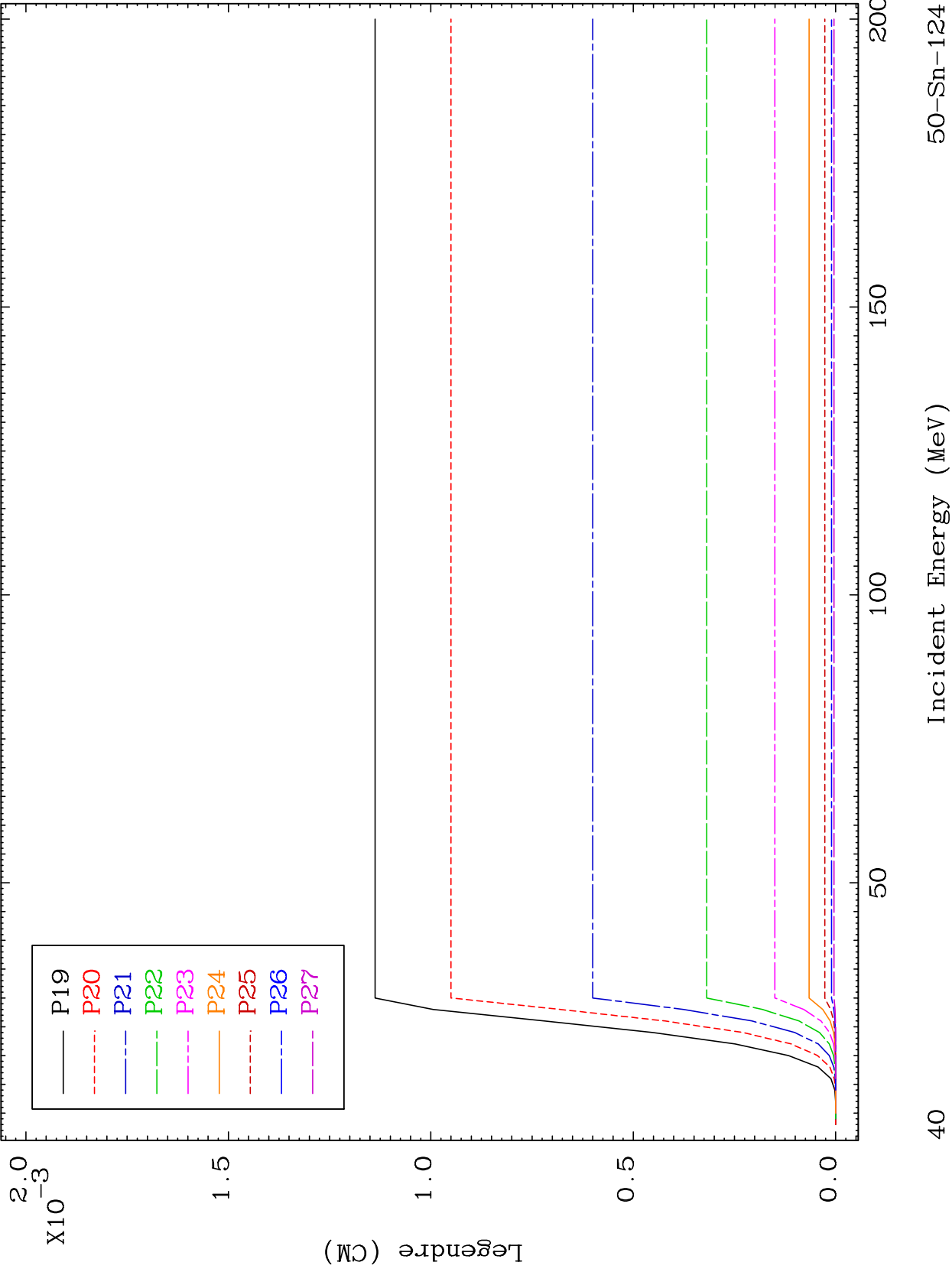


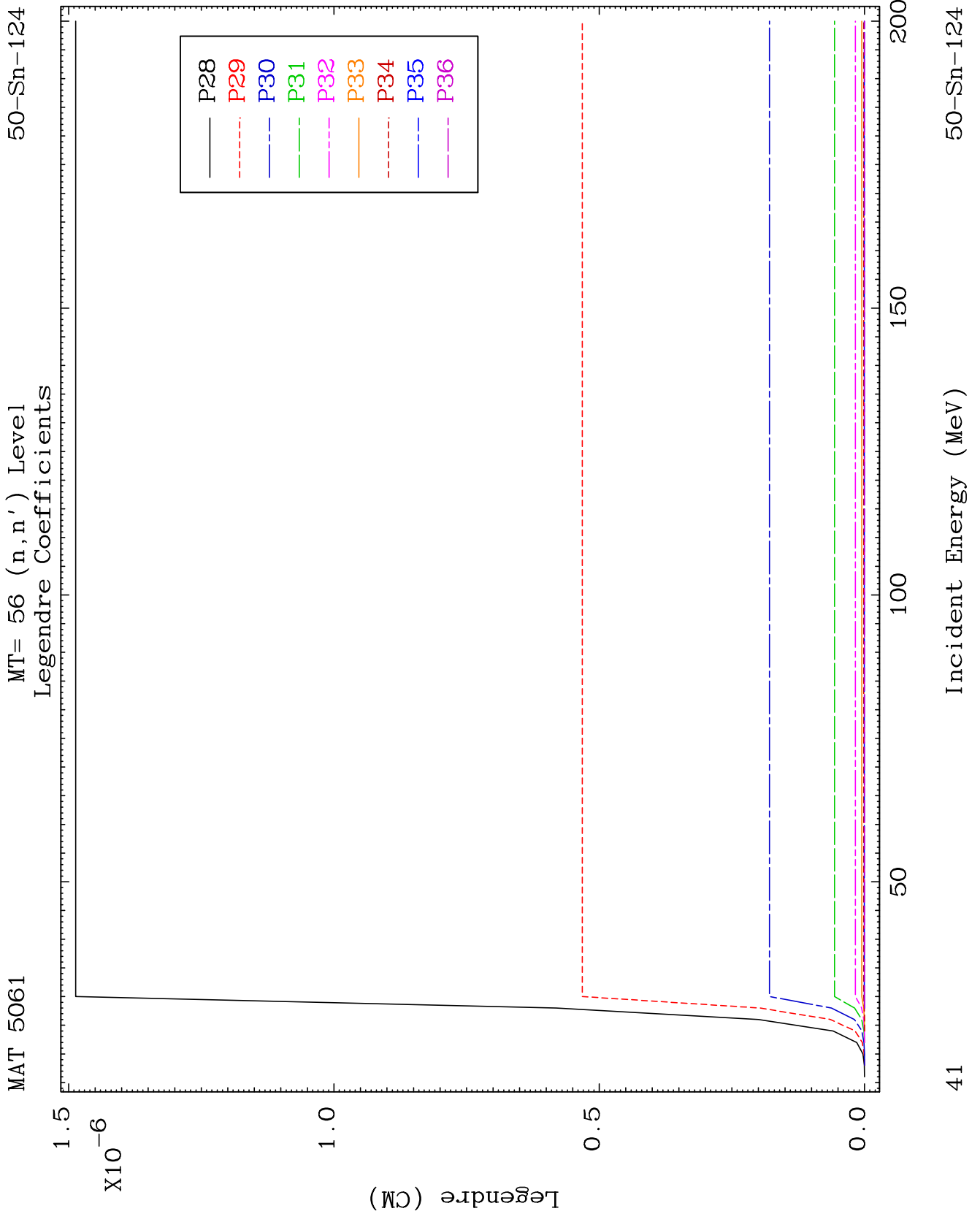


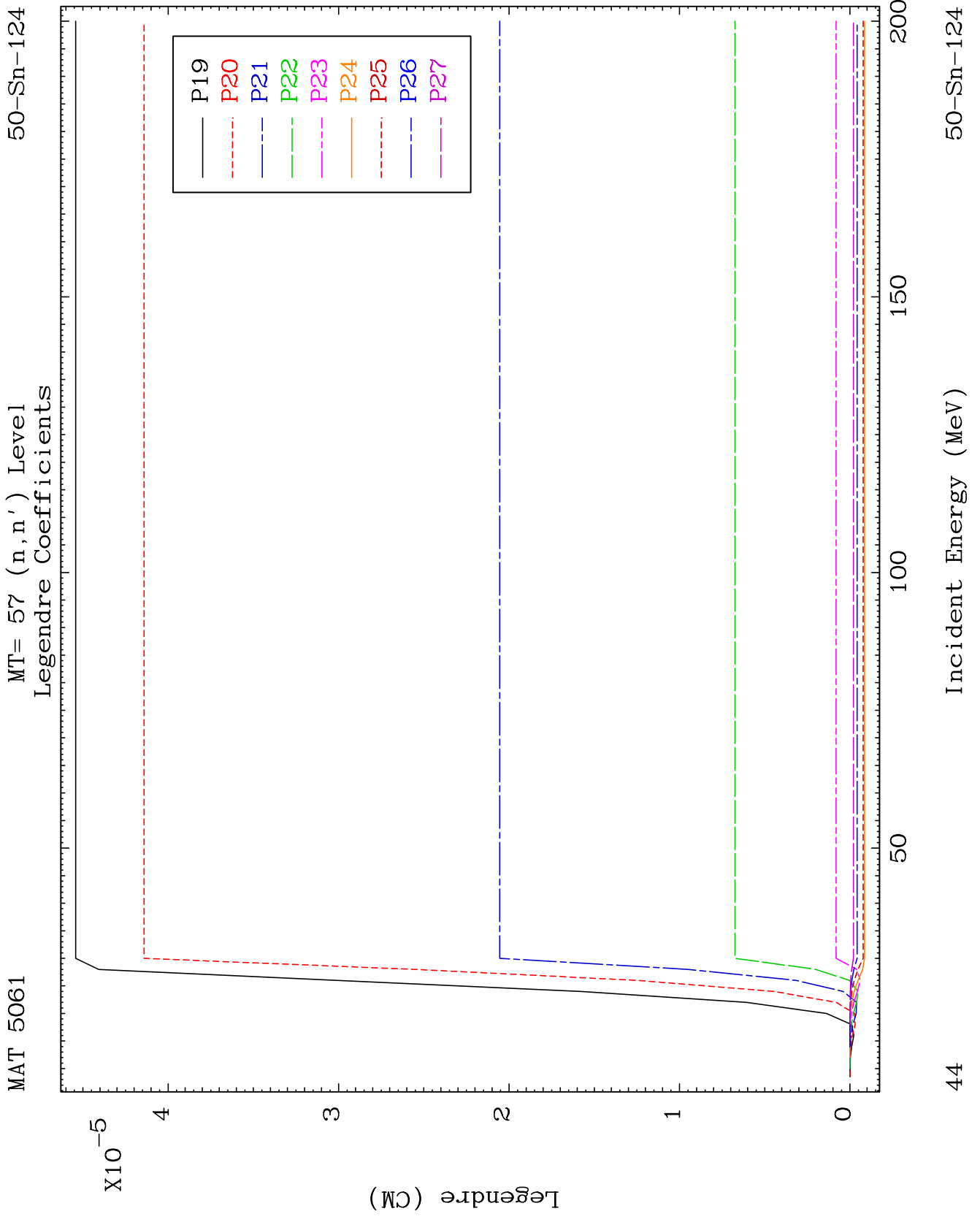
MAT 5061

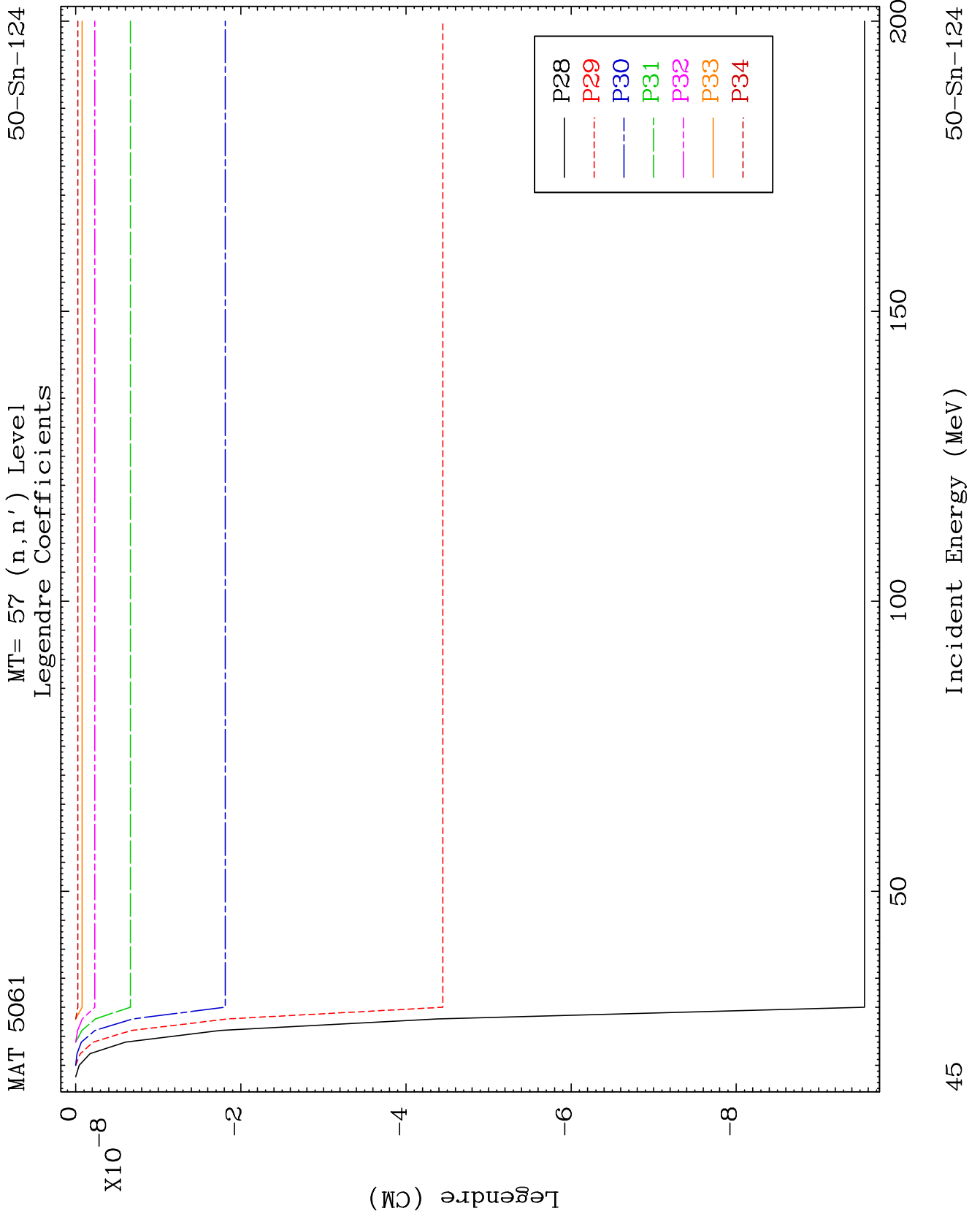
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Legendre Coefficients

50-Sn-124





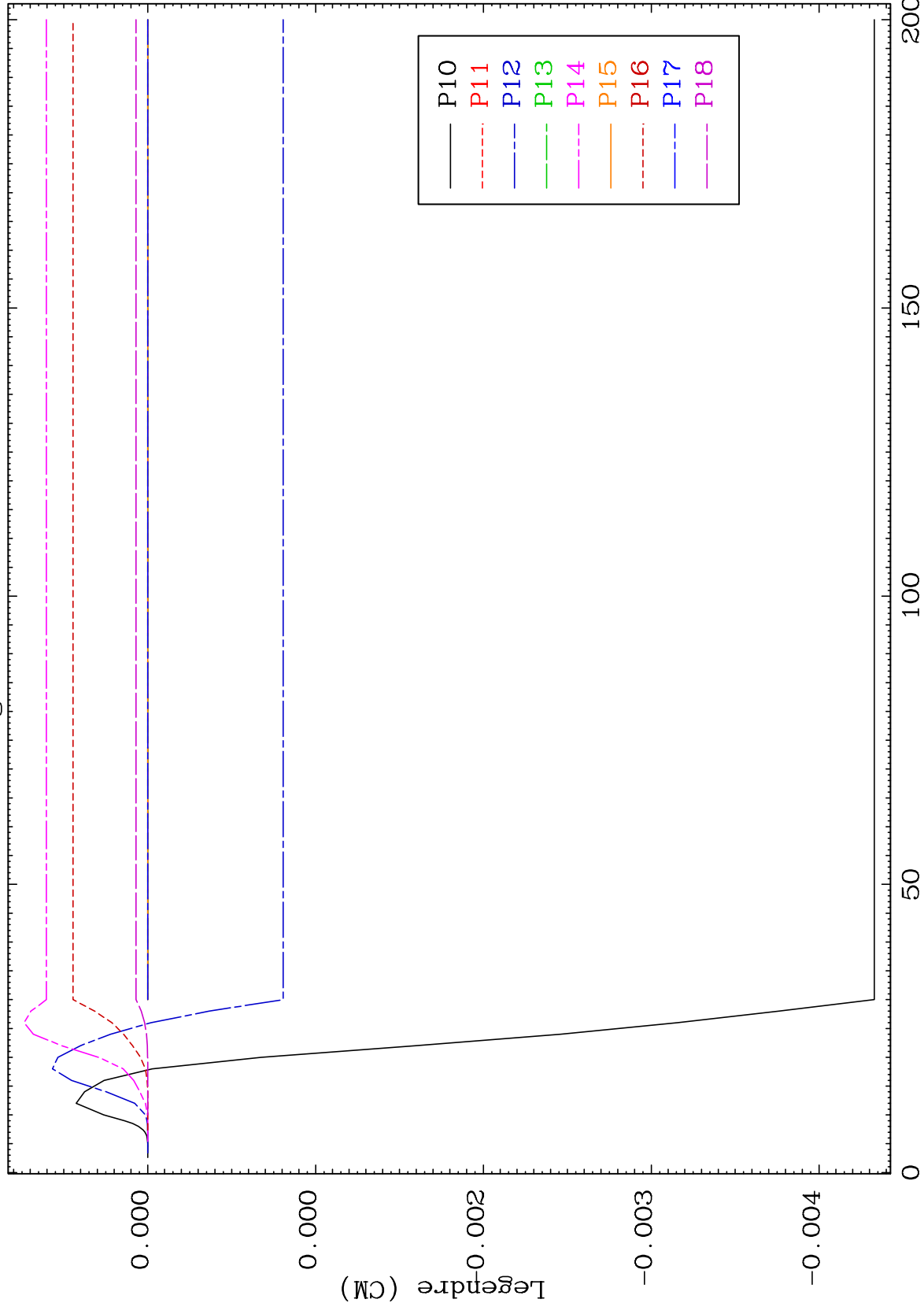




MAT 5061

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

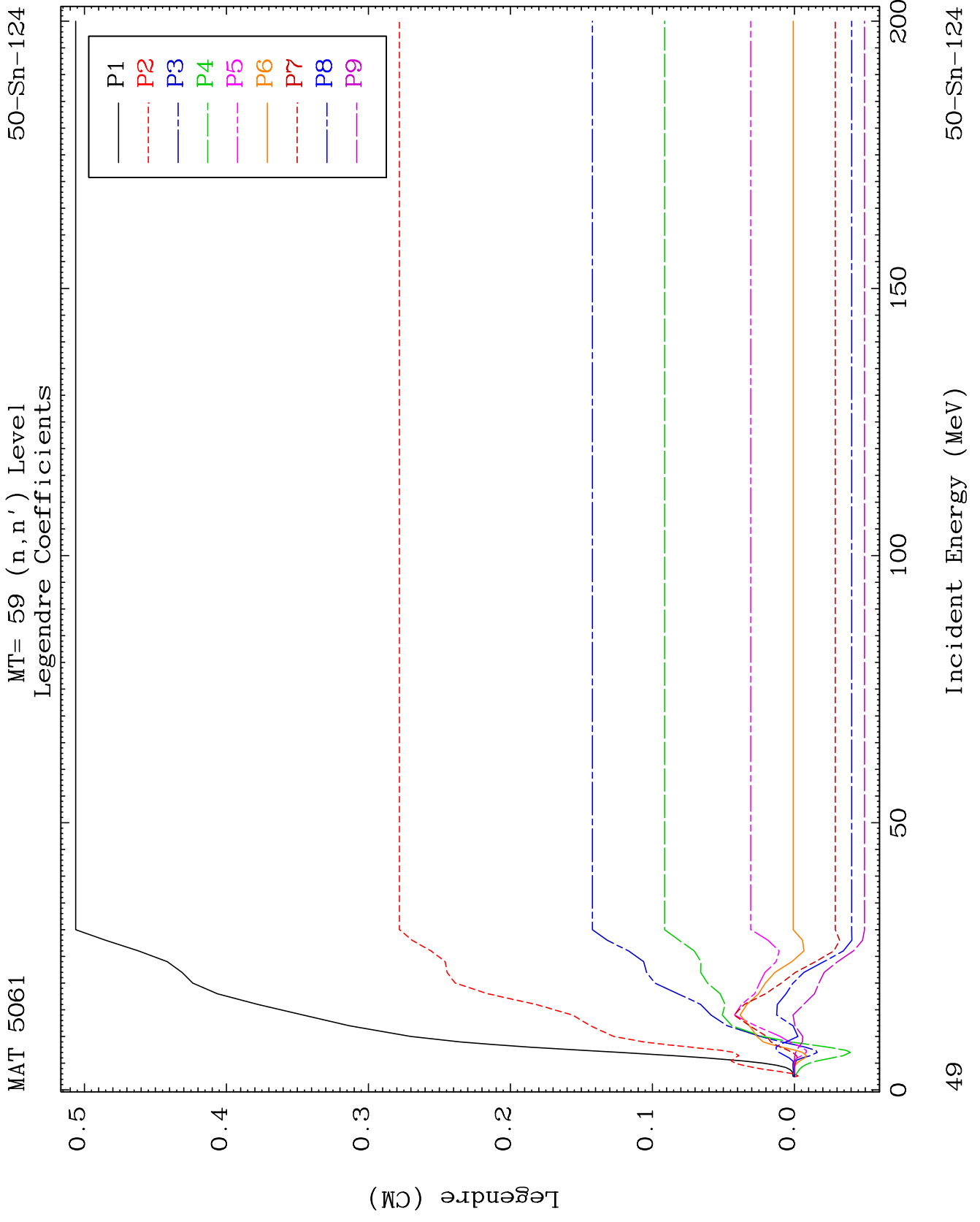
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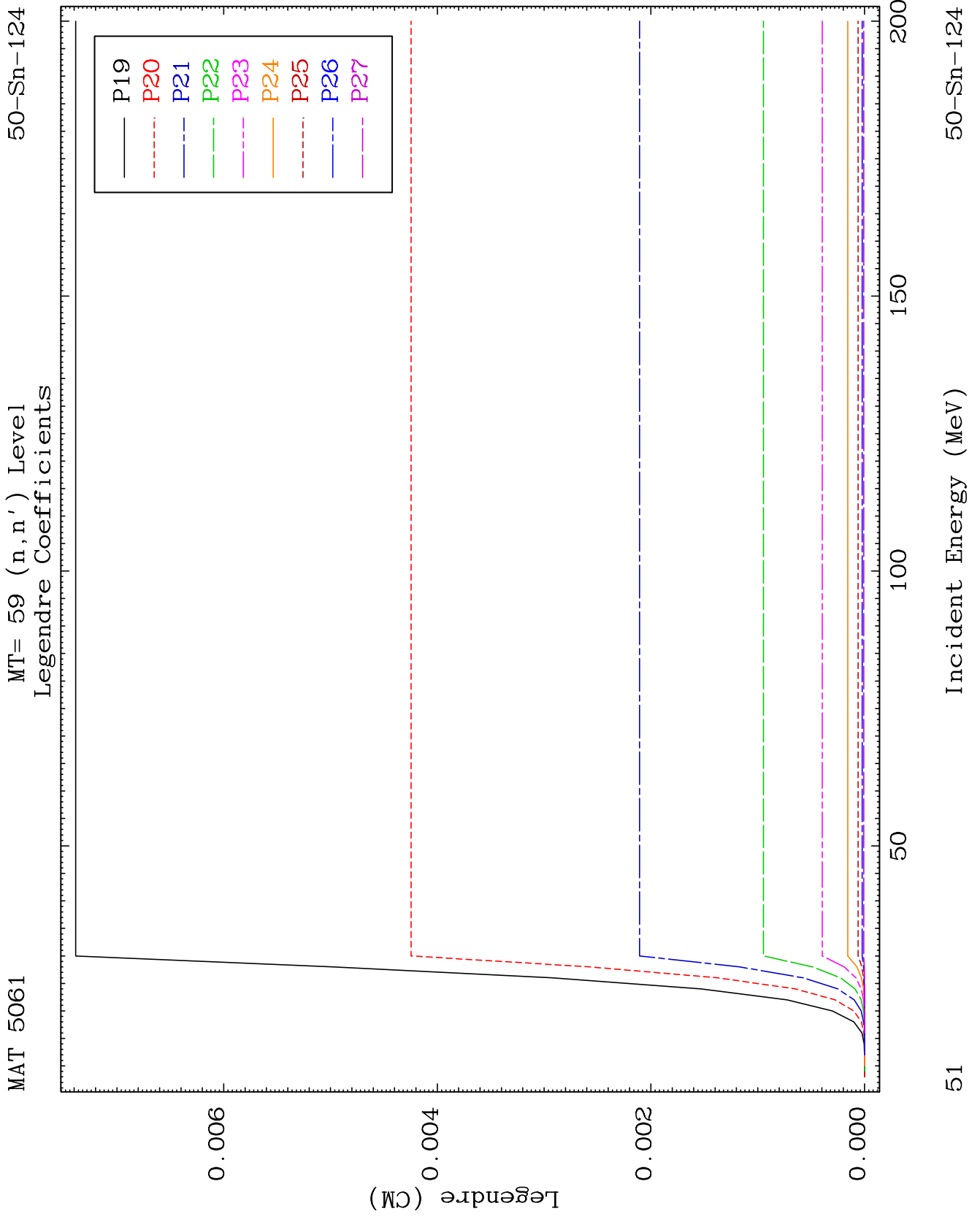


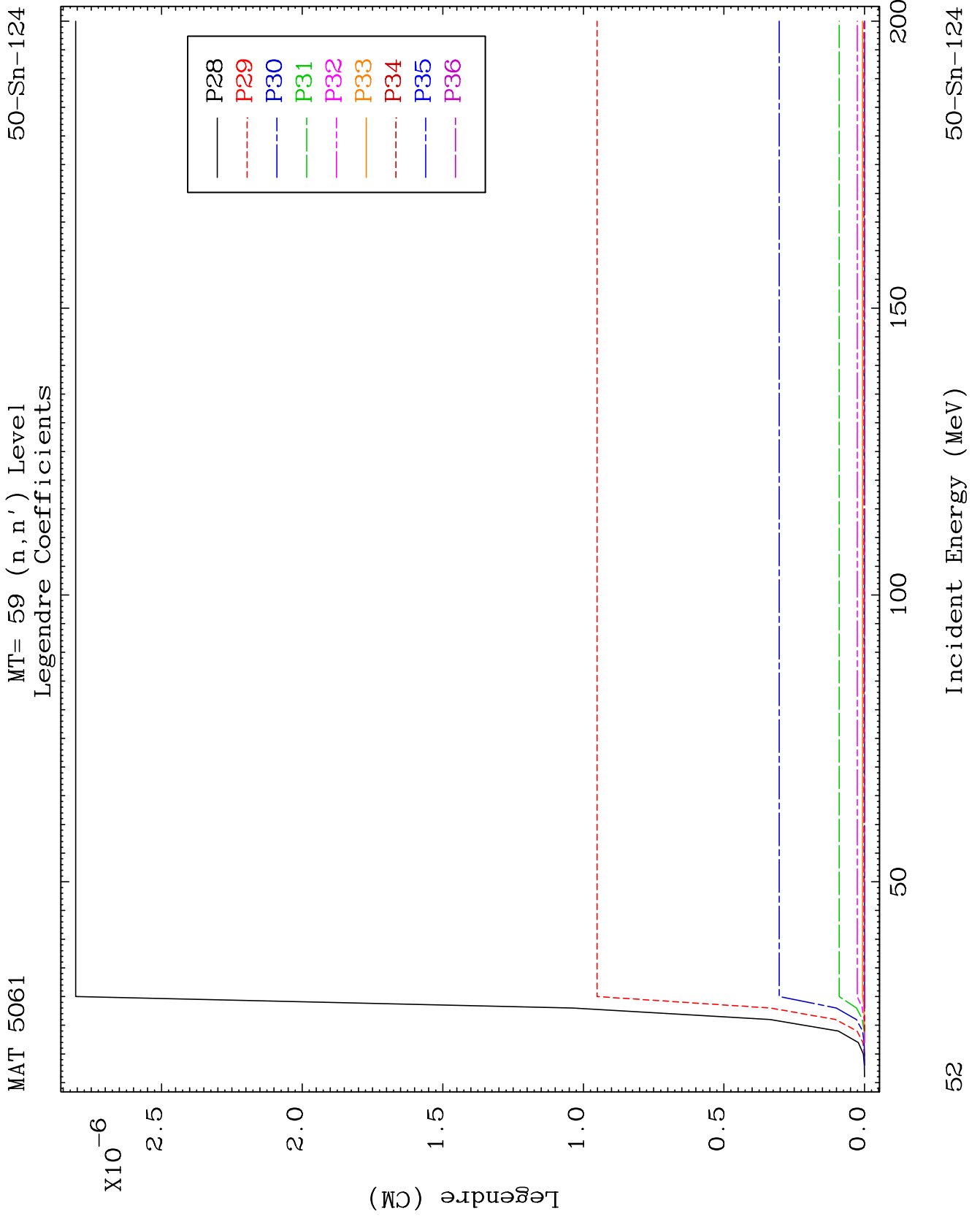
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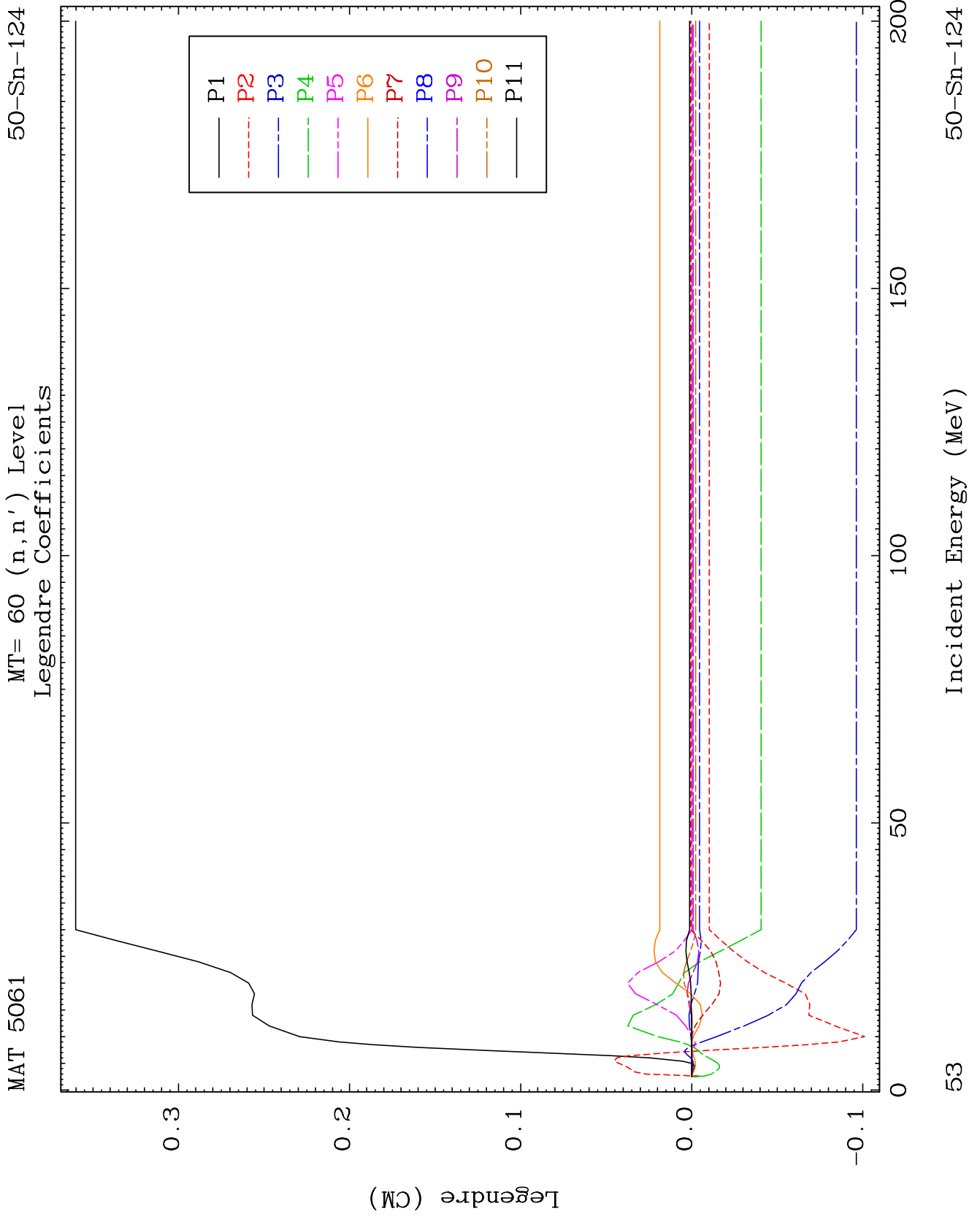
Incident Energy (MeV)

50-Sn-124





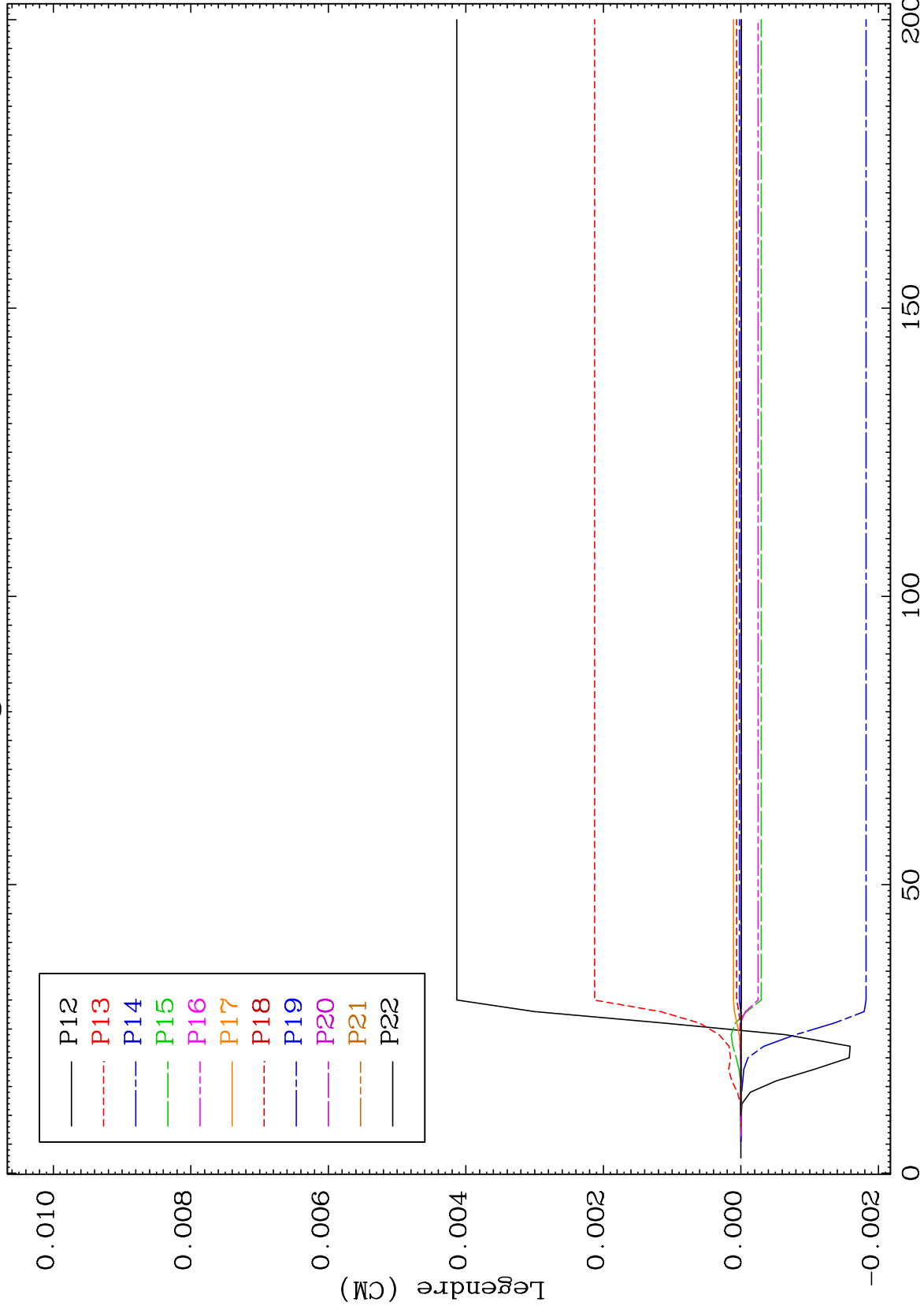




MAT 5061

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

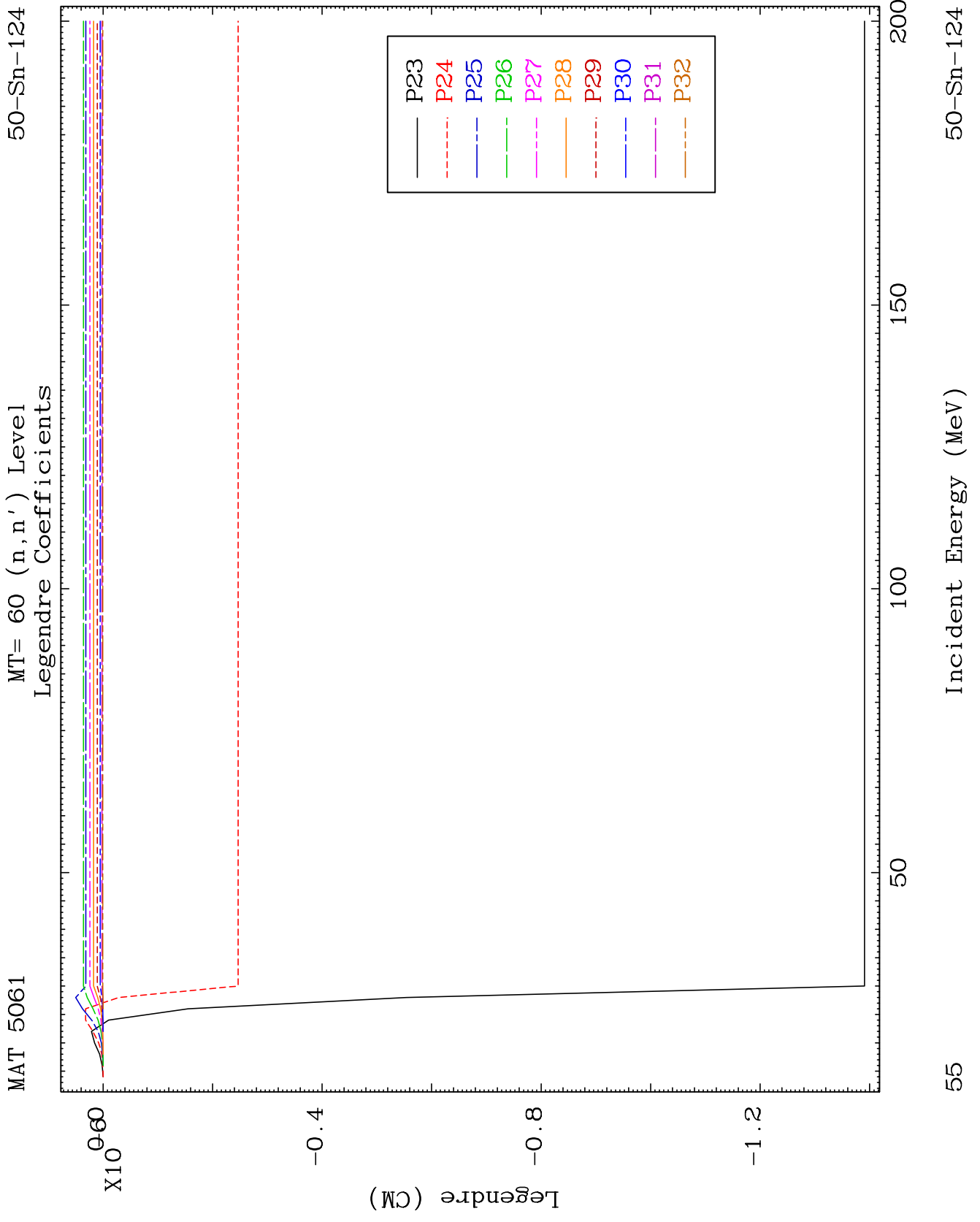
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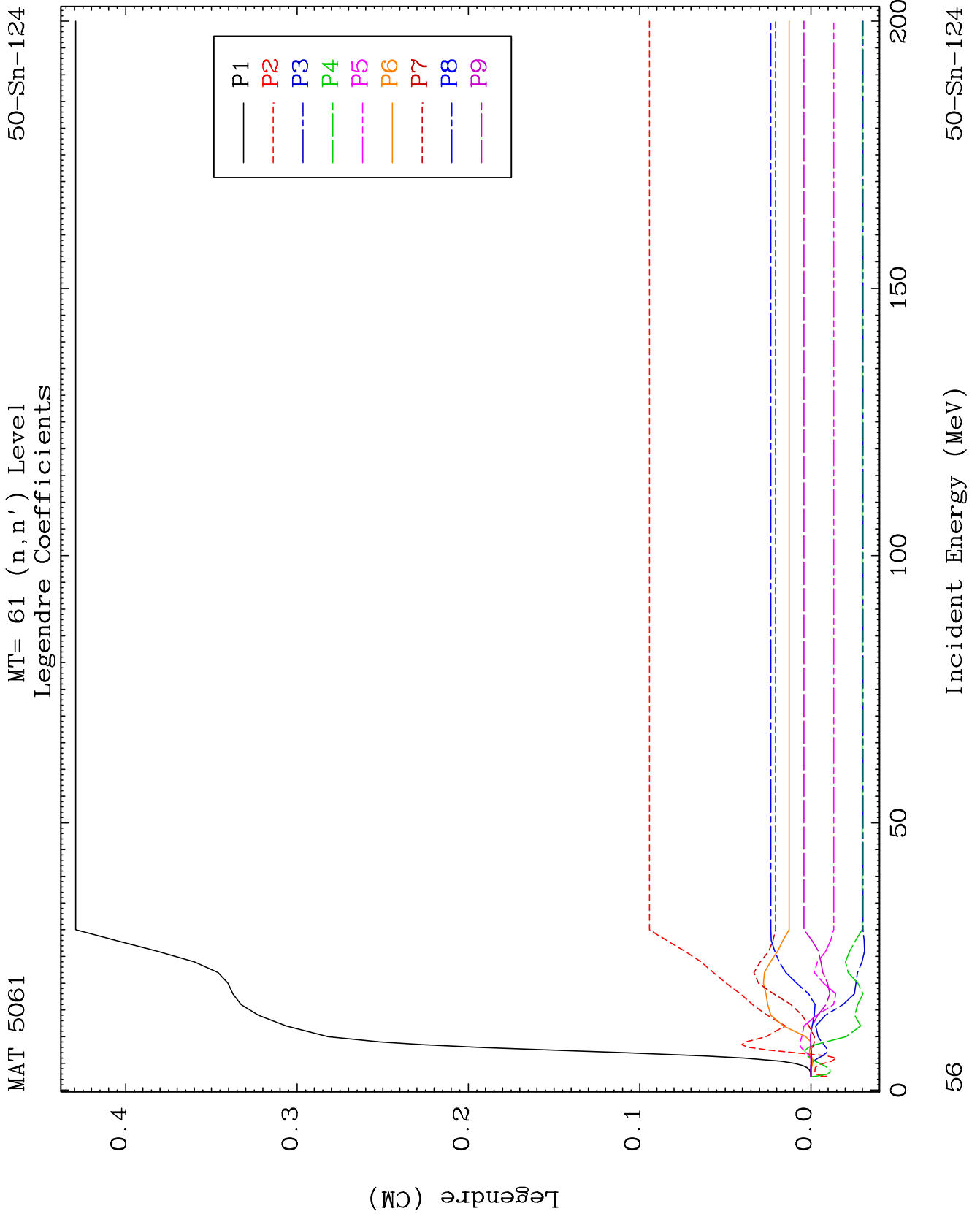


54

Incident Energy (MeV)

50-Sn-124

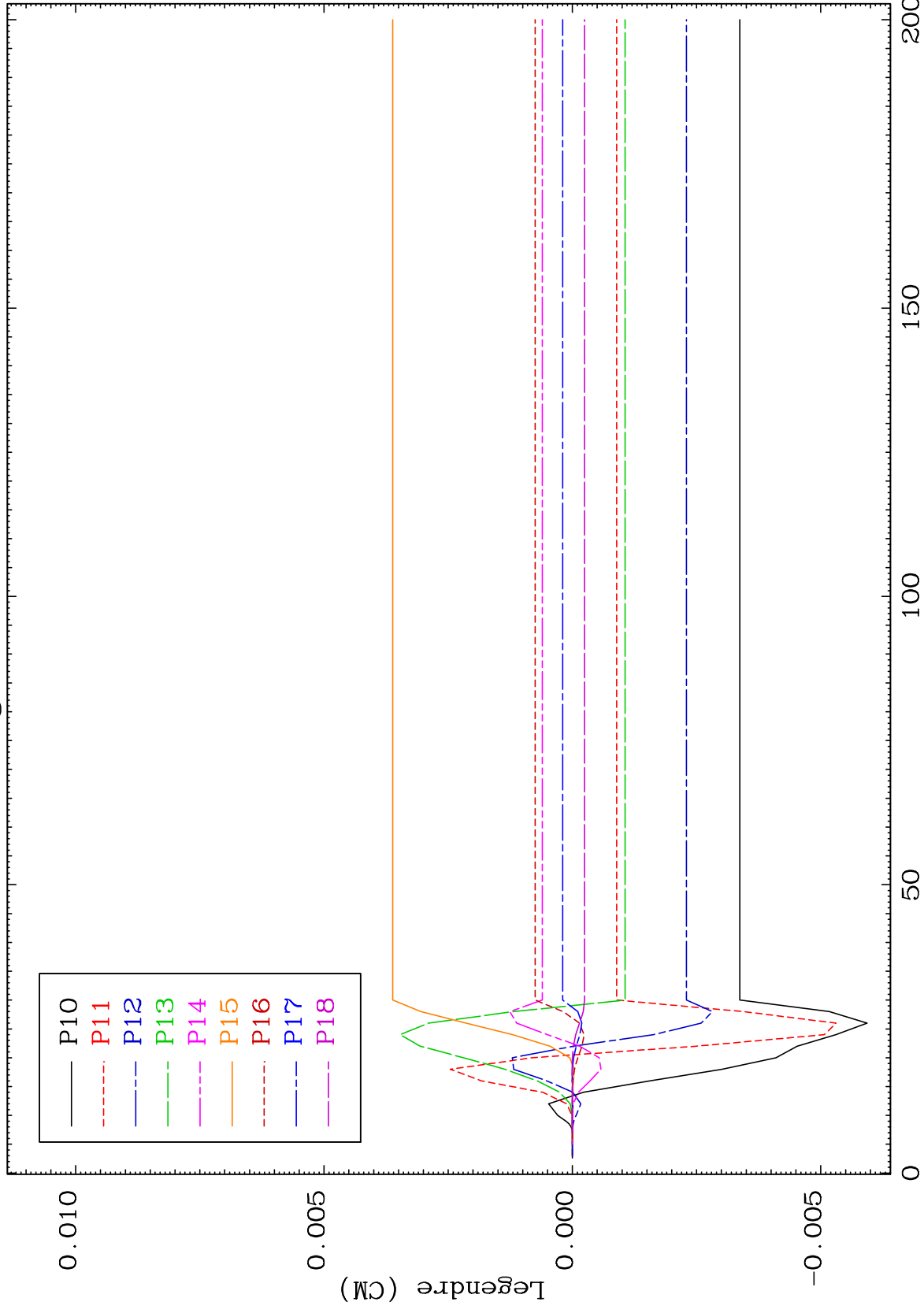




MAT 5061

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

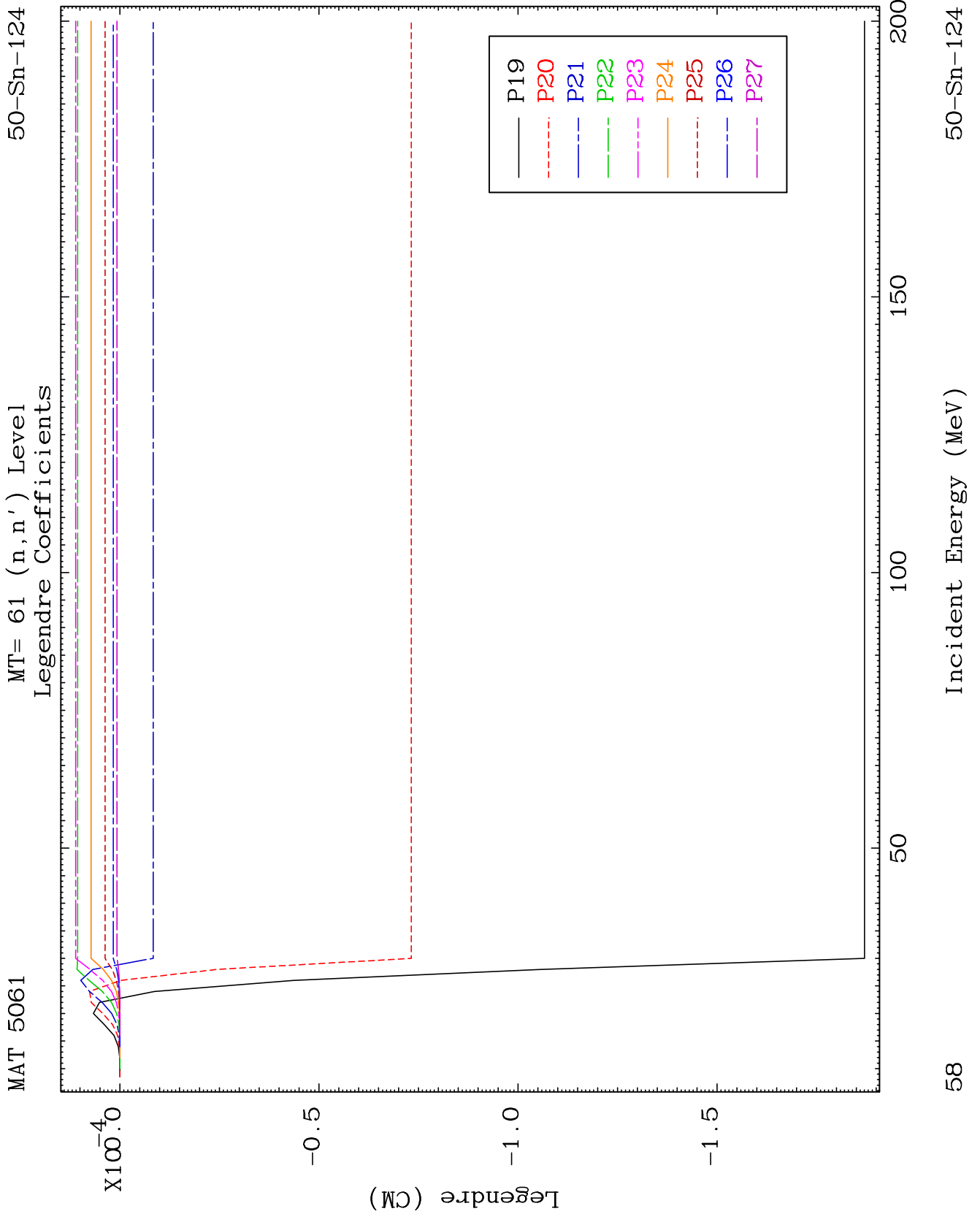
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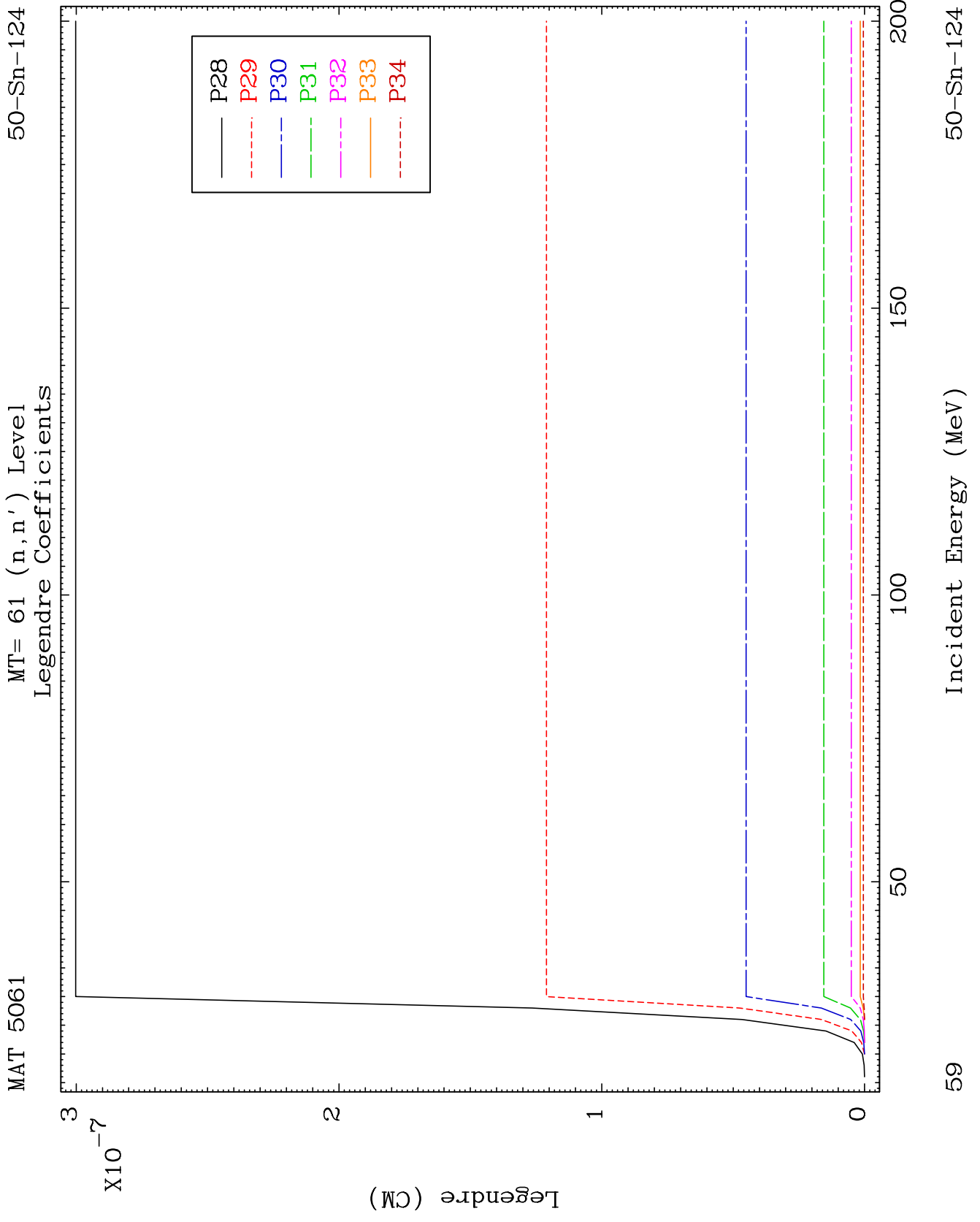


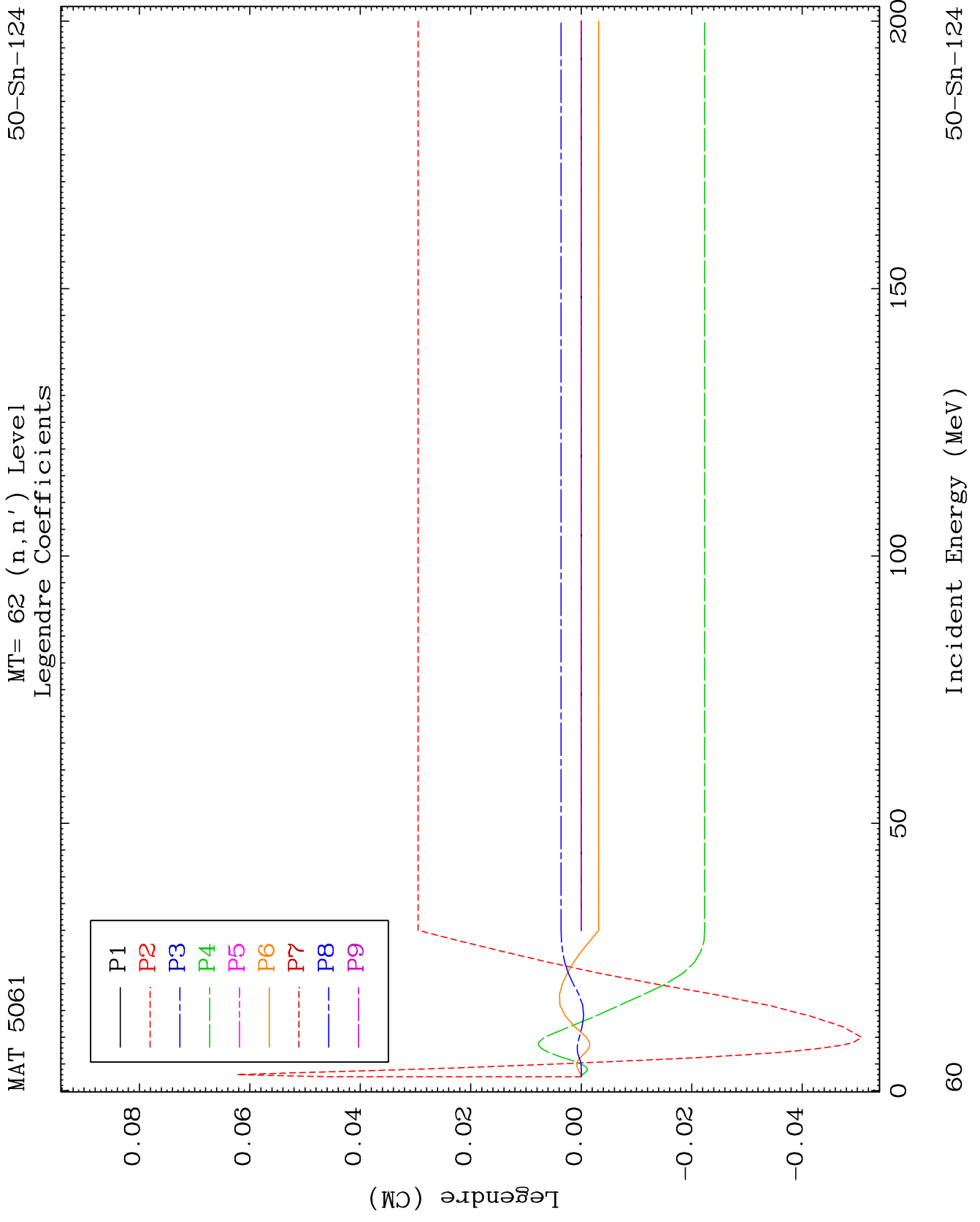
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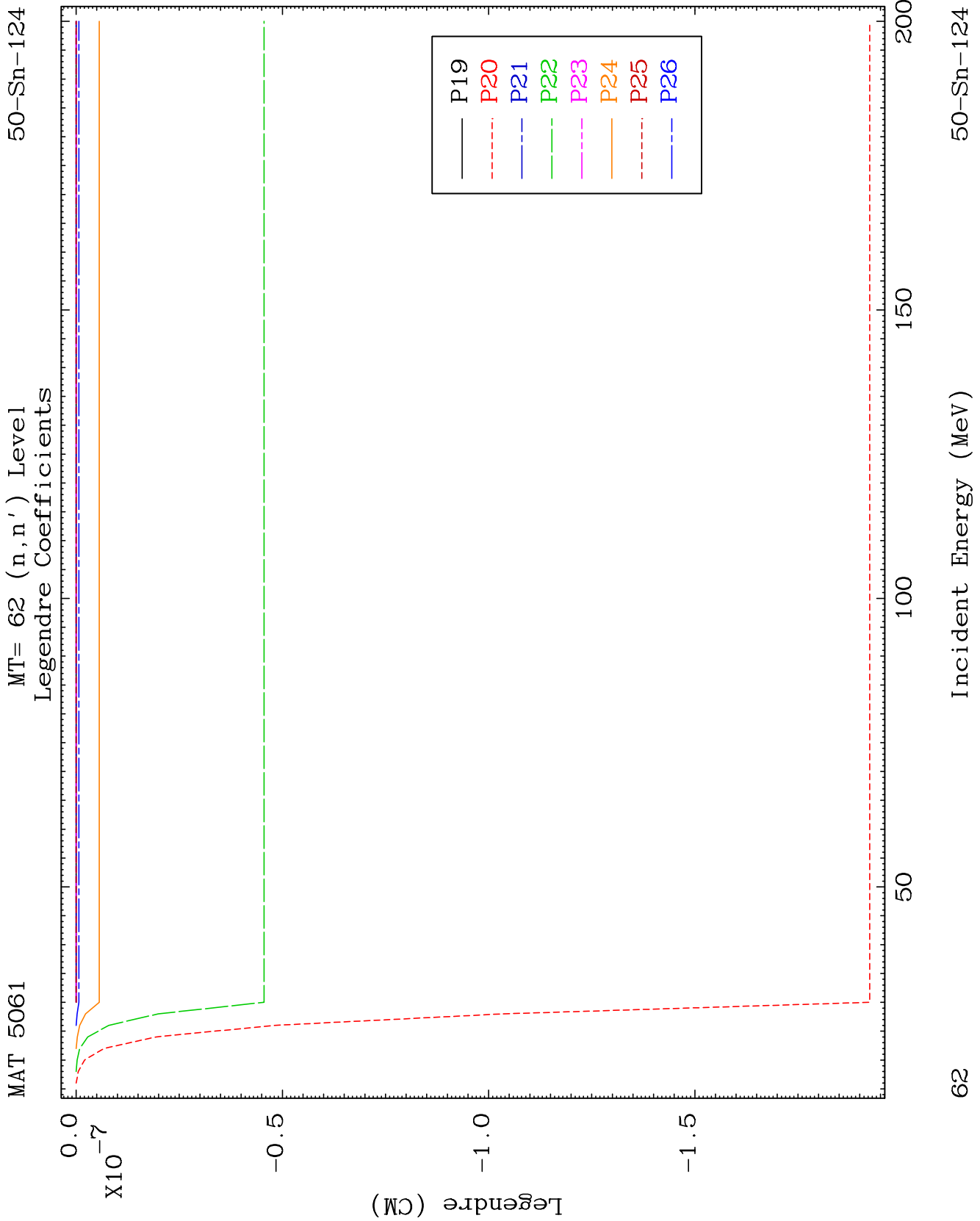
Incident Energy (MeV)

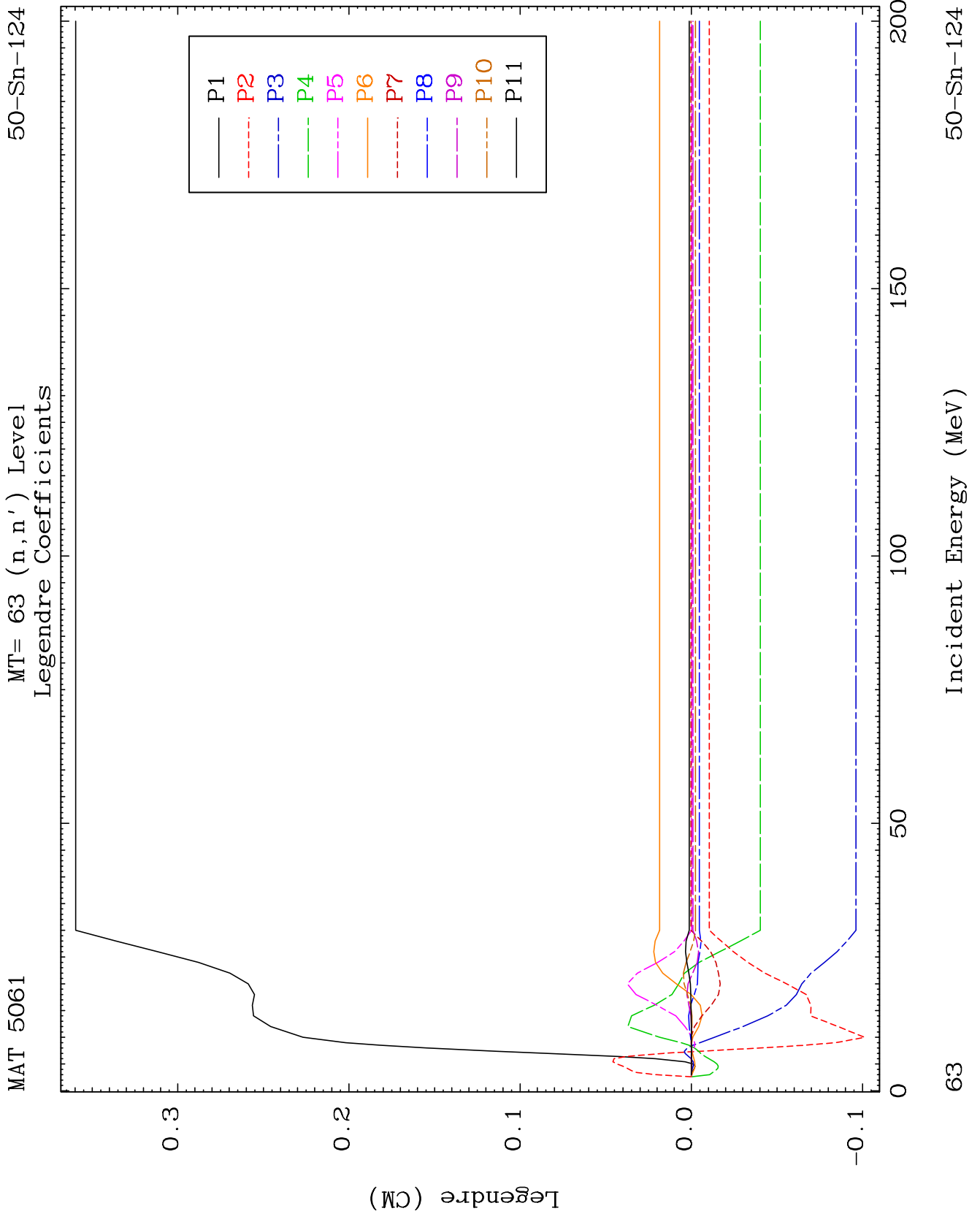
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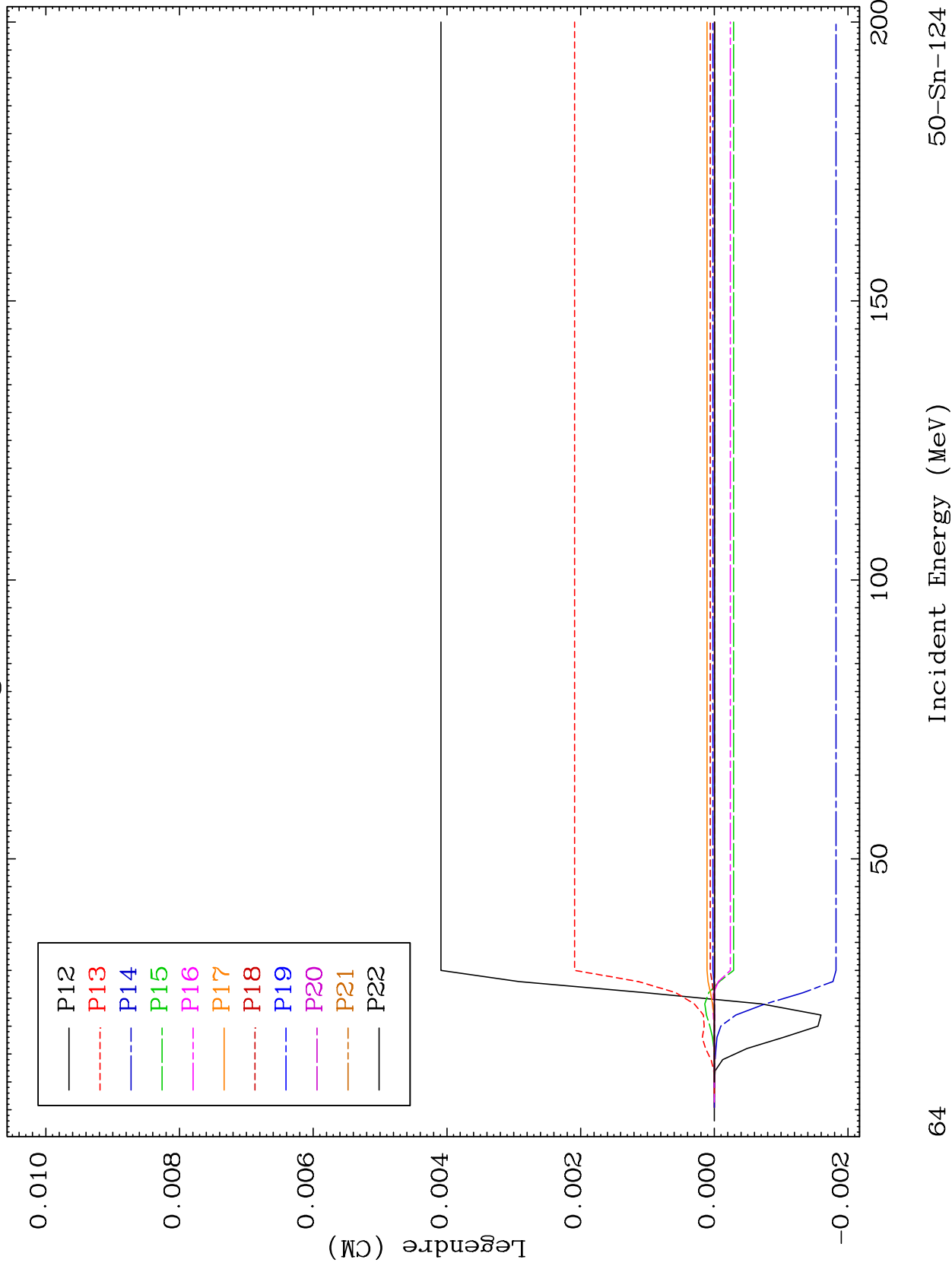




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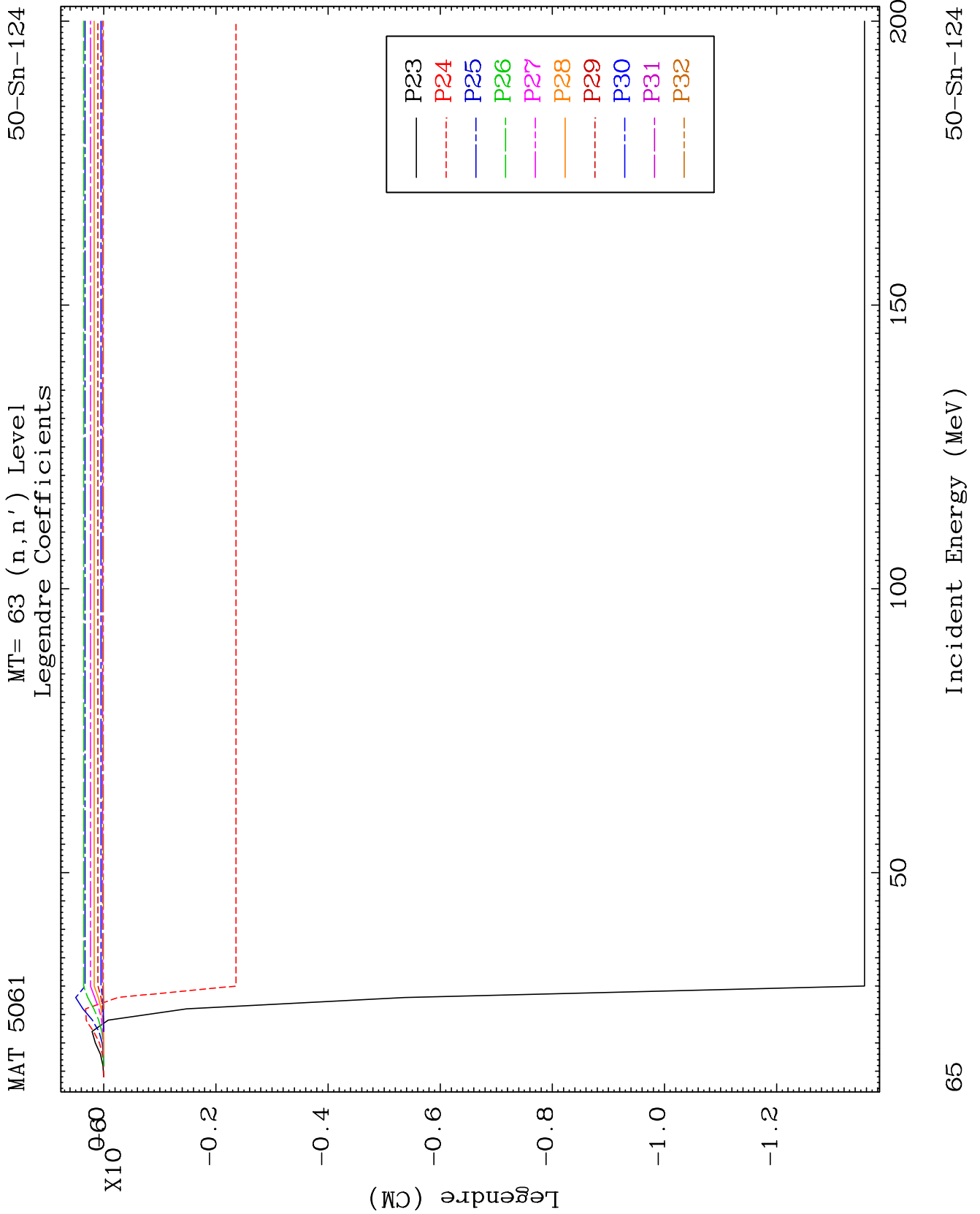
MT= 63 (n,n') Level
Legendre Coefficients

50-Sn-124



64

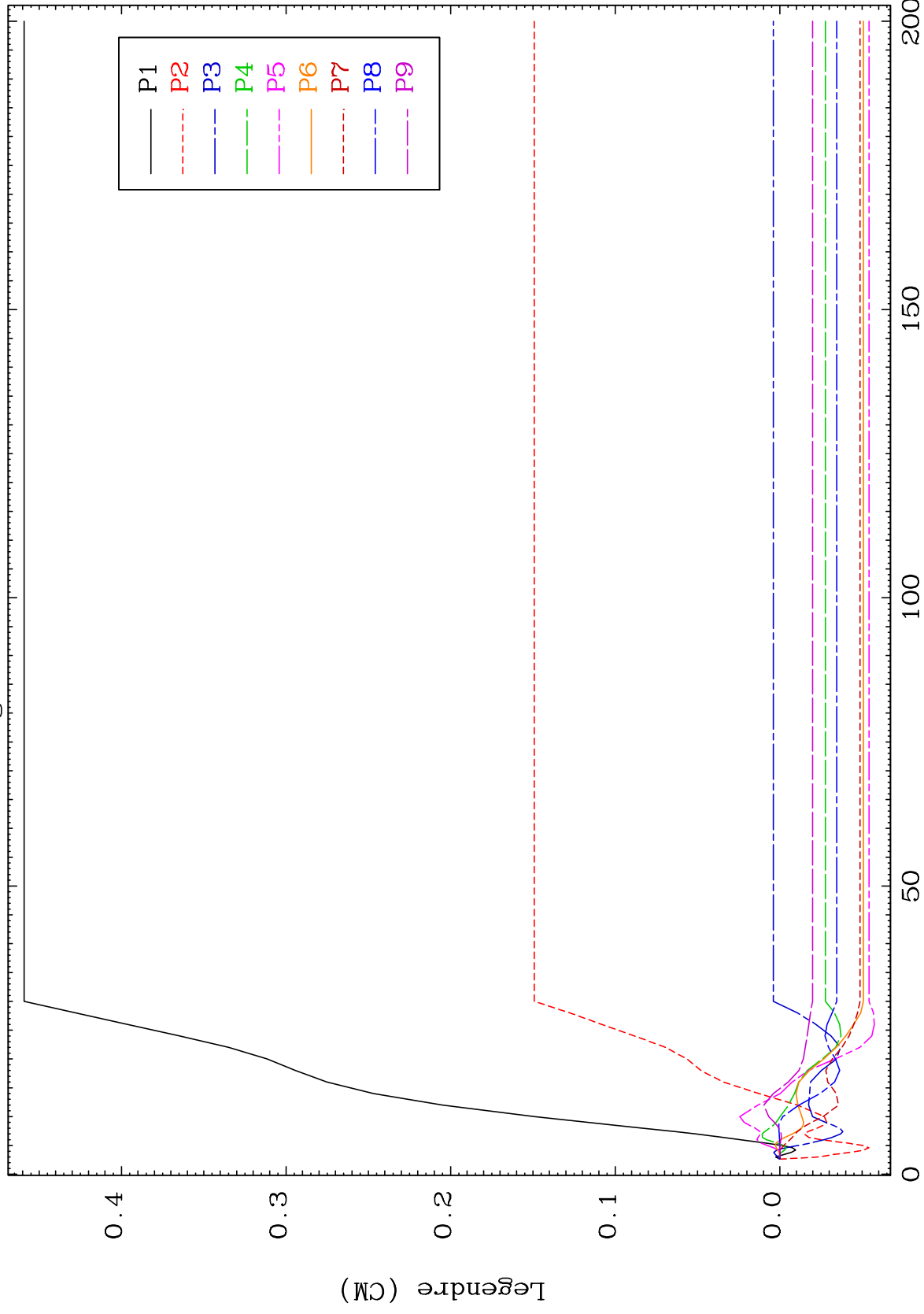
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MAT 5061

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

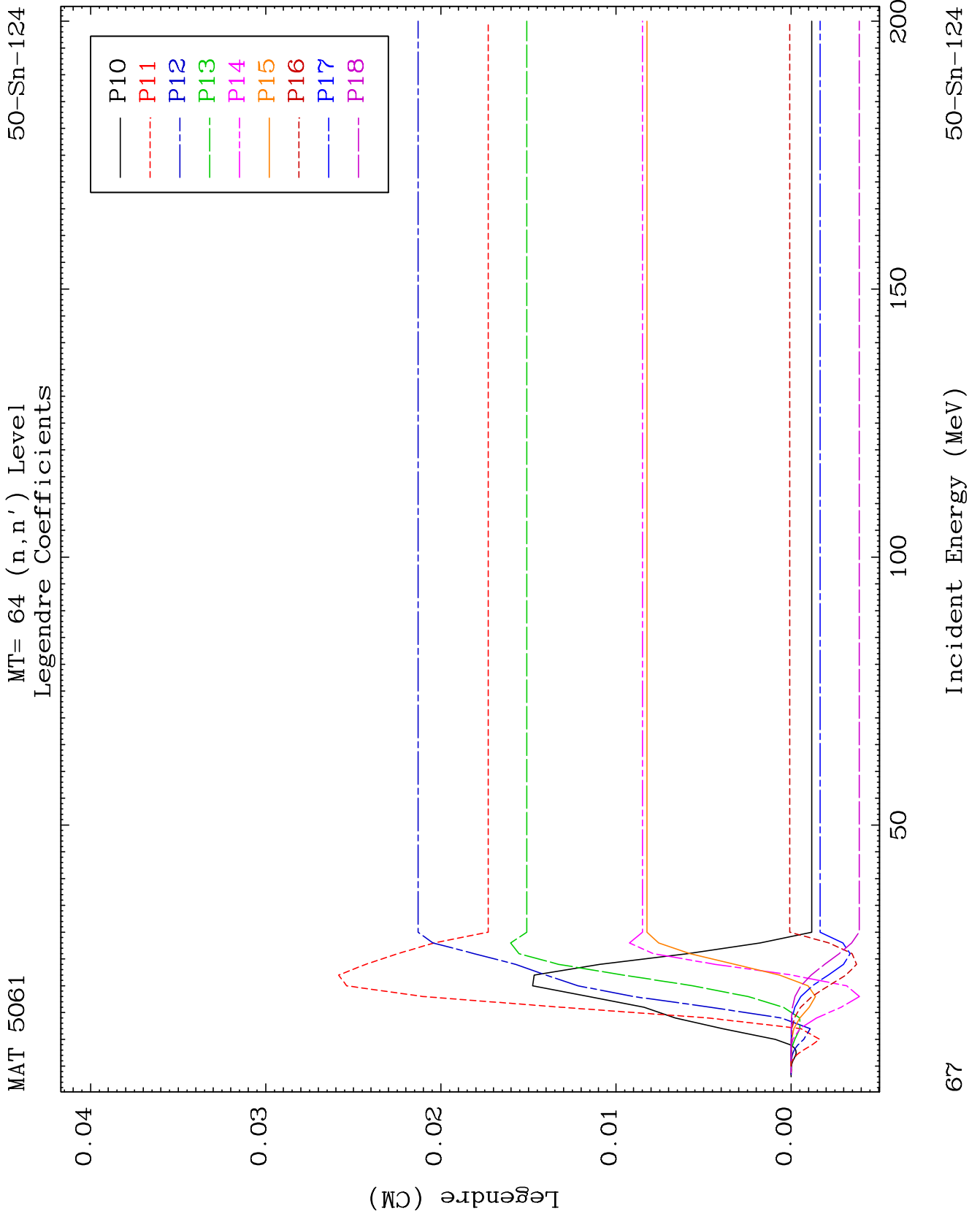
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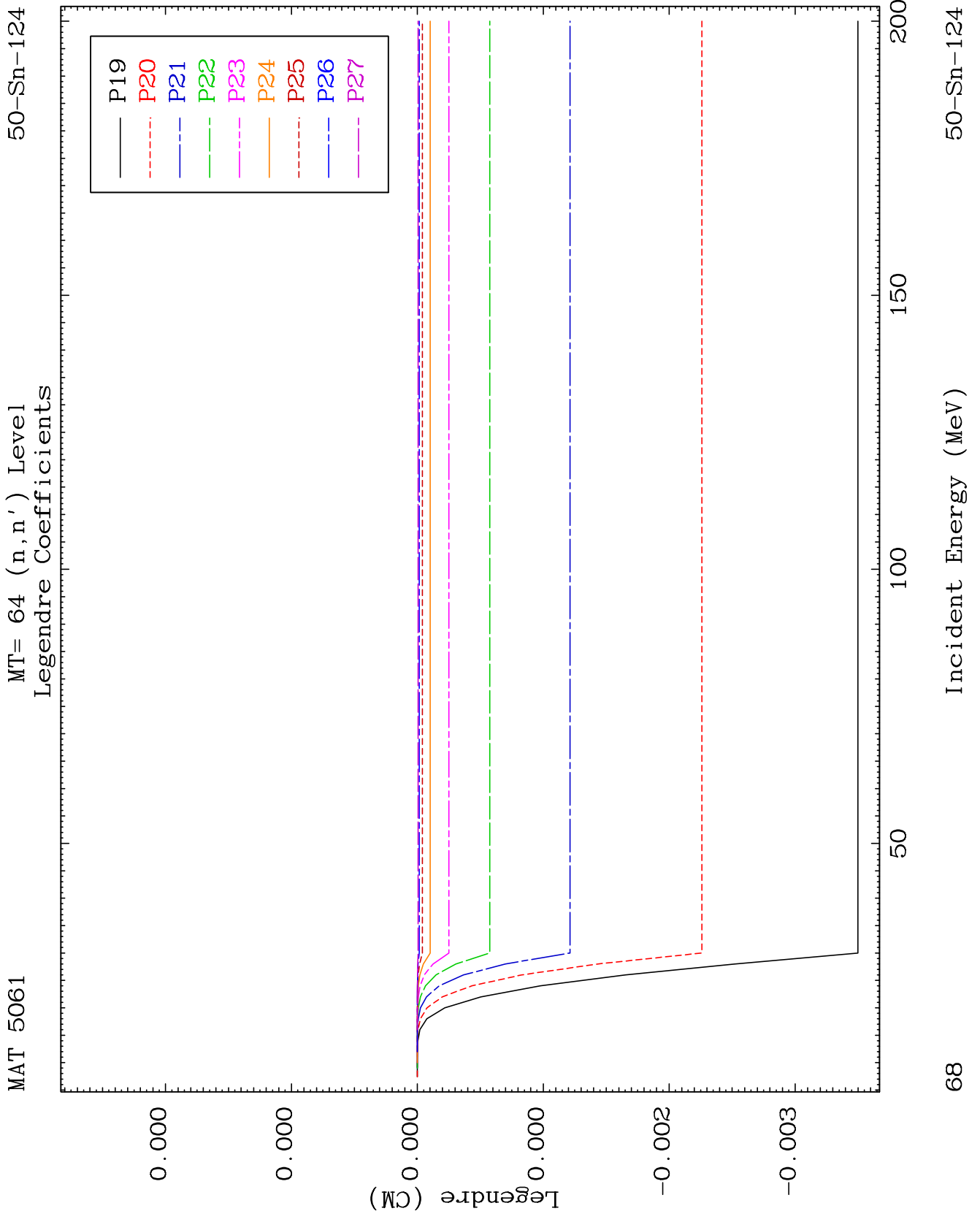


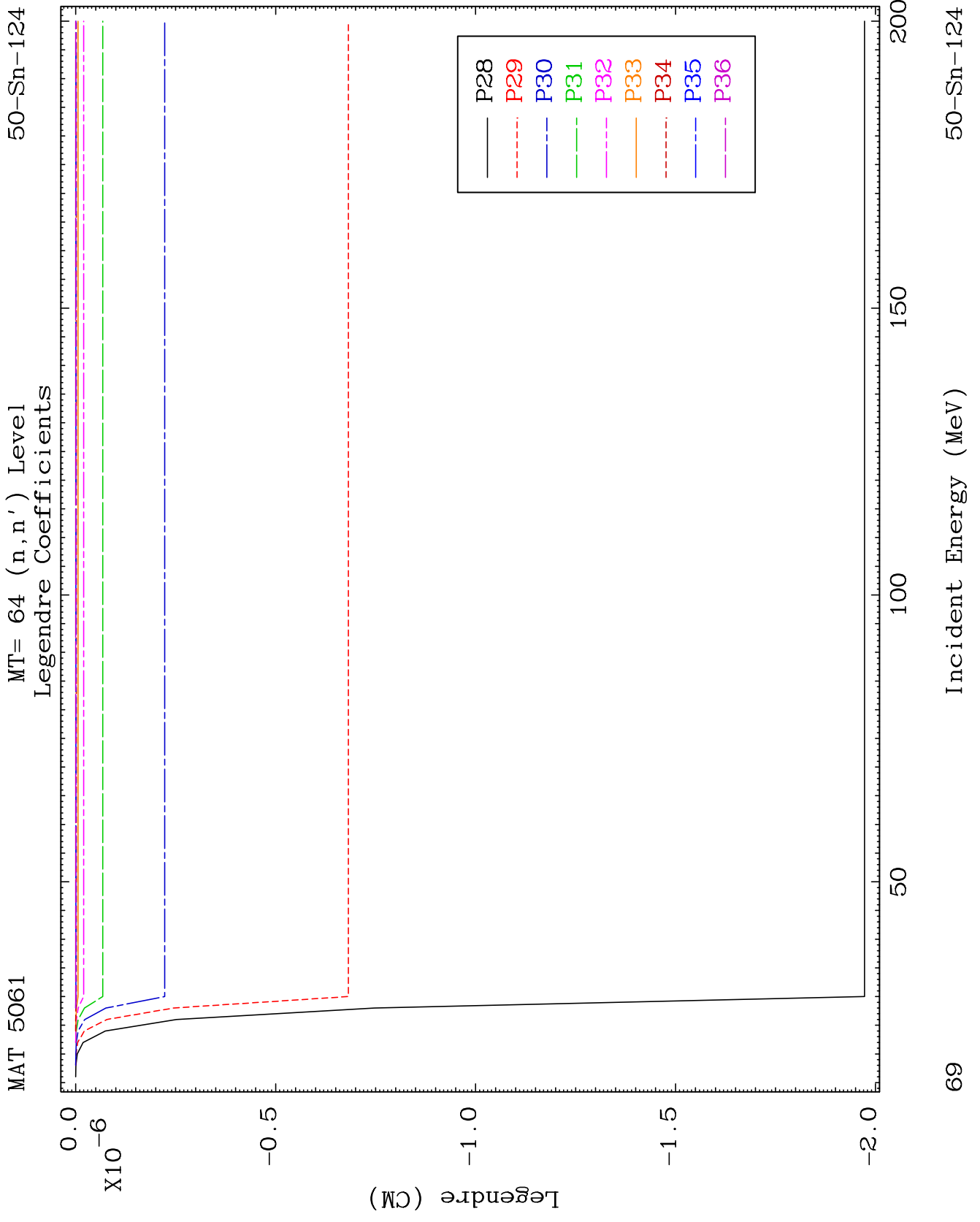
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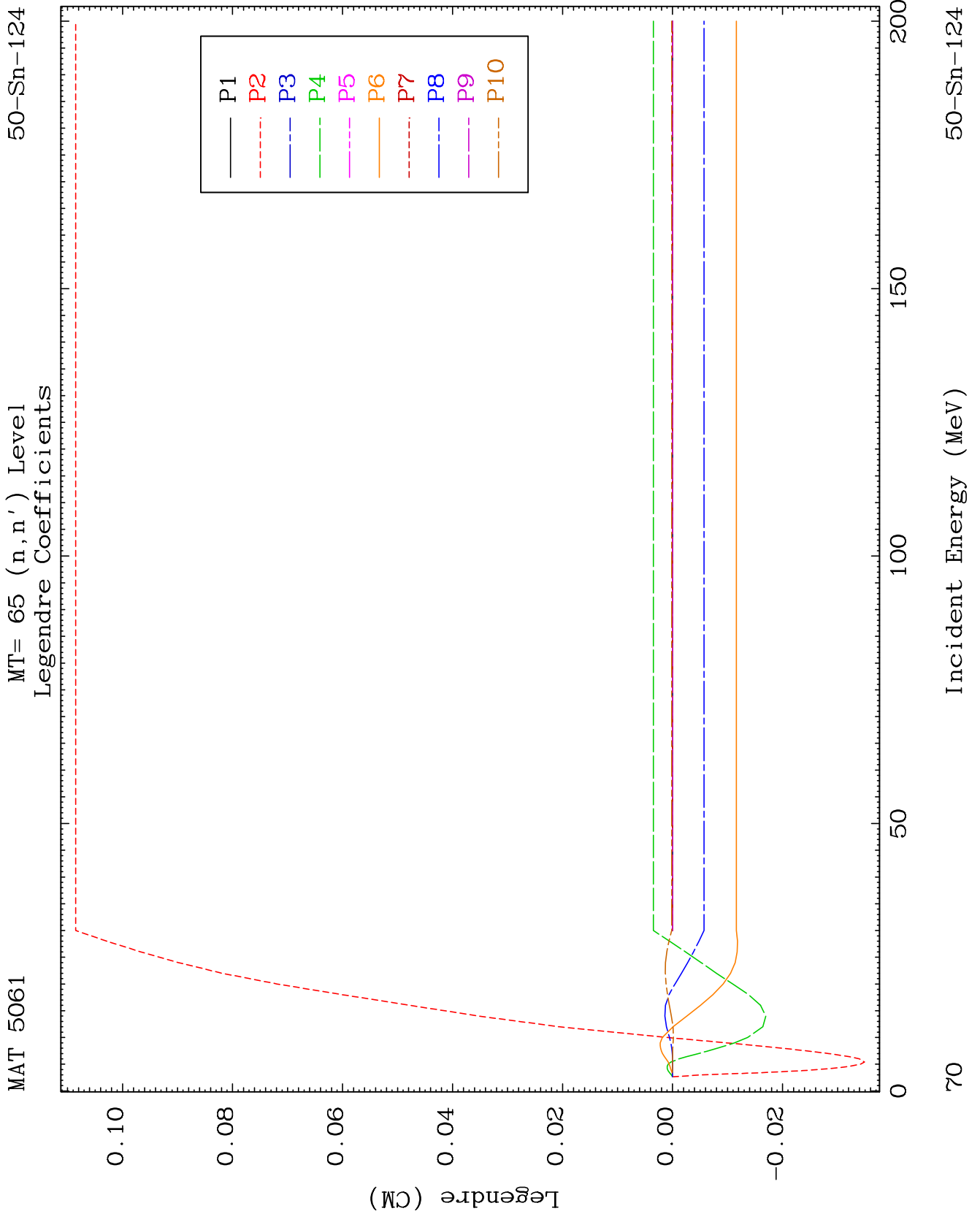
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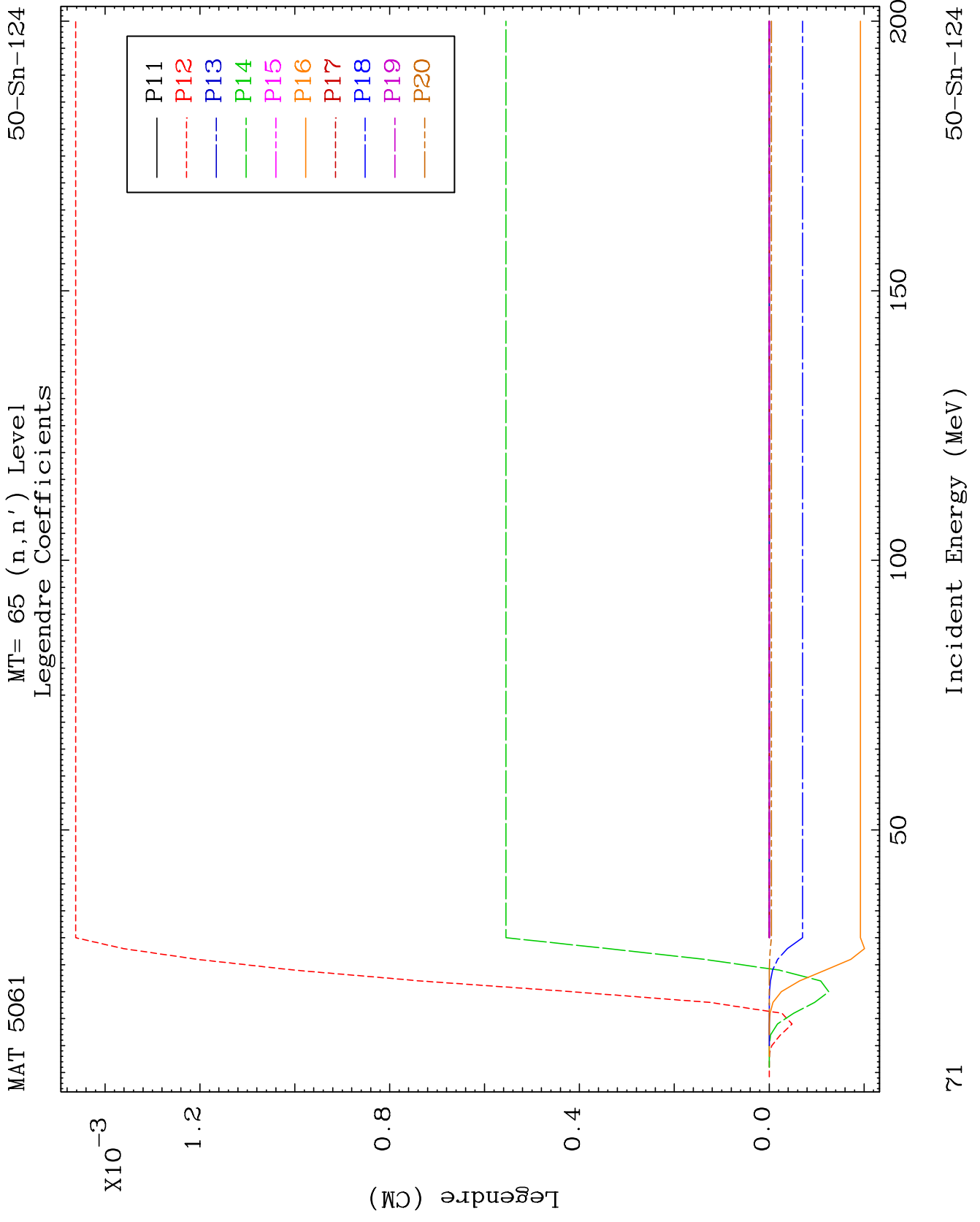
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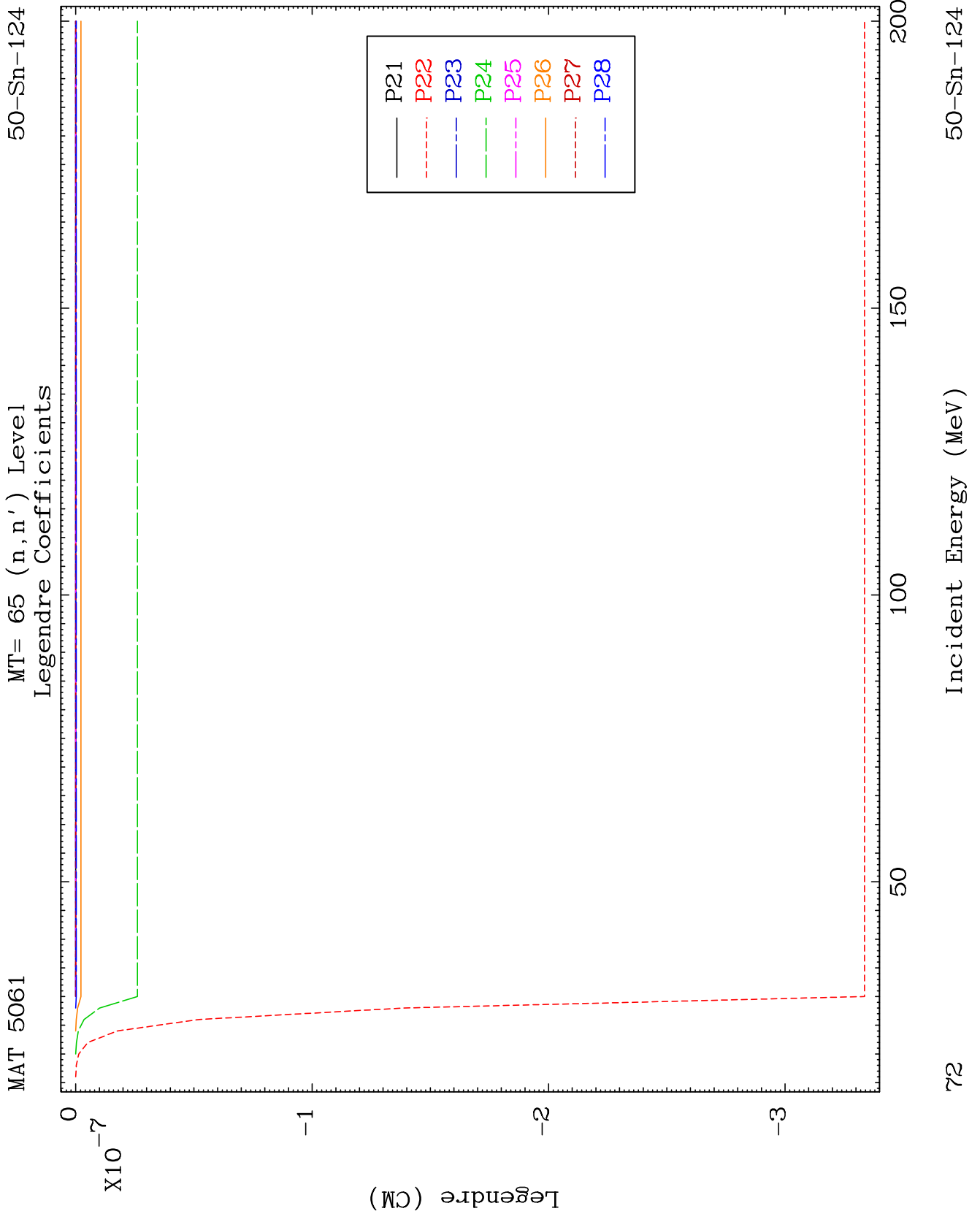








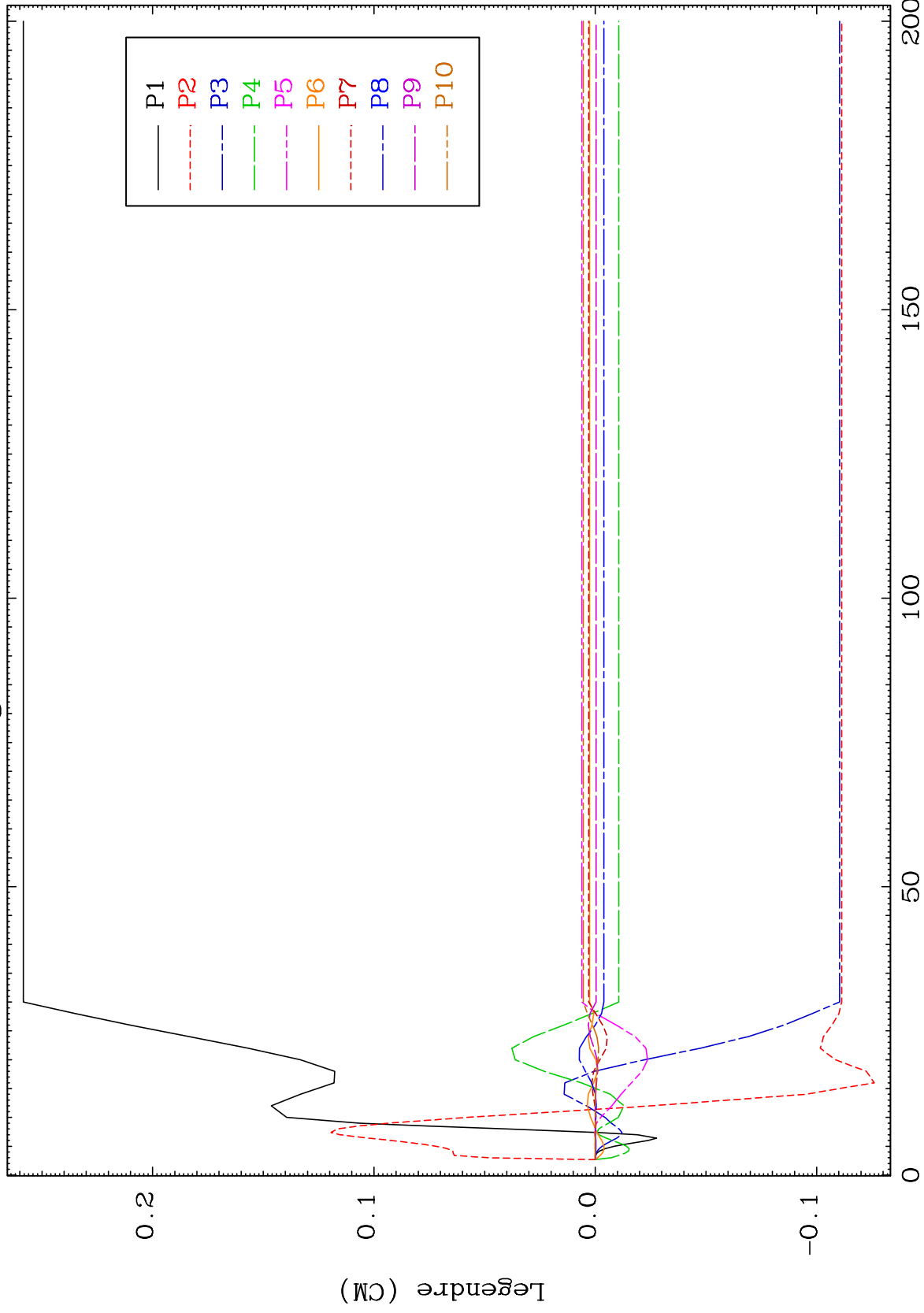




MAT 5061

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

50-Sn-124



73

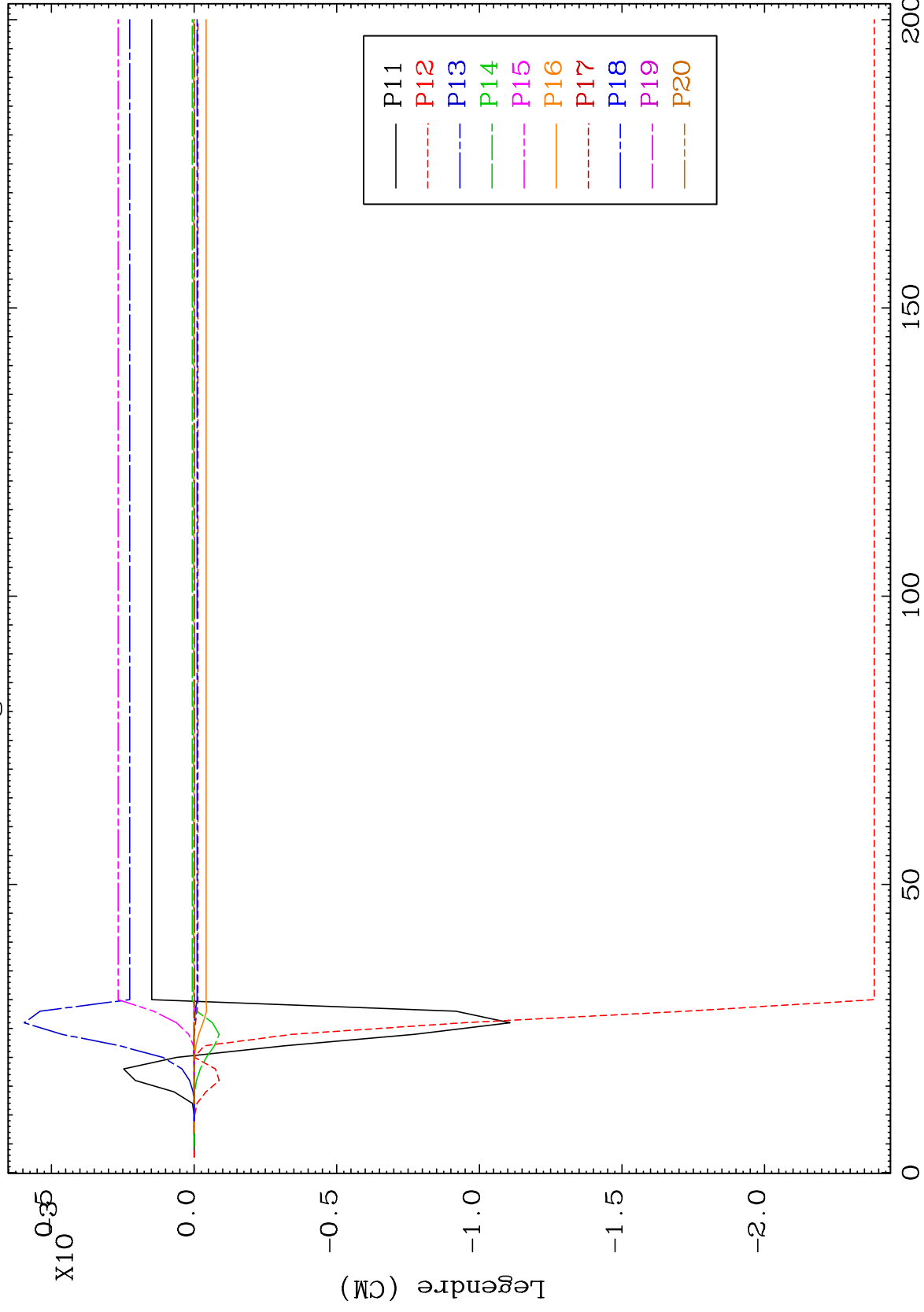
Incident Energy (MeV)

50-Sn-124

MAT 5061

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

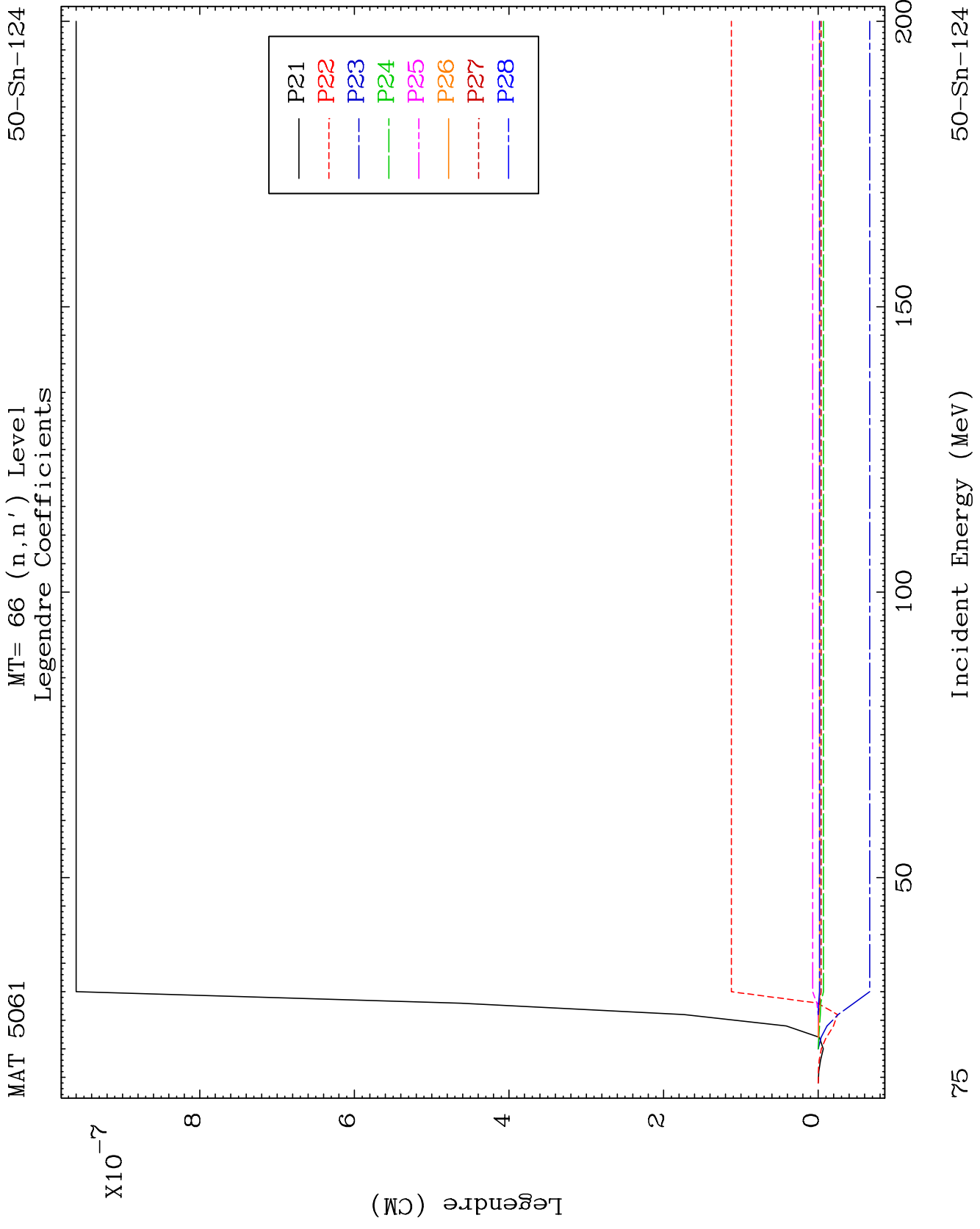
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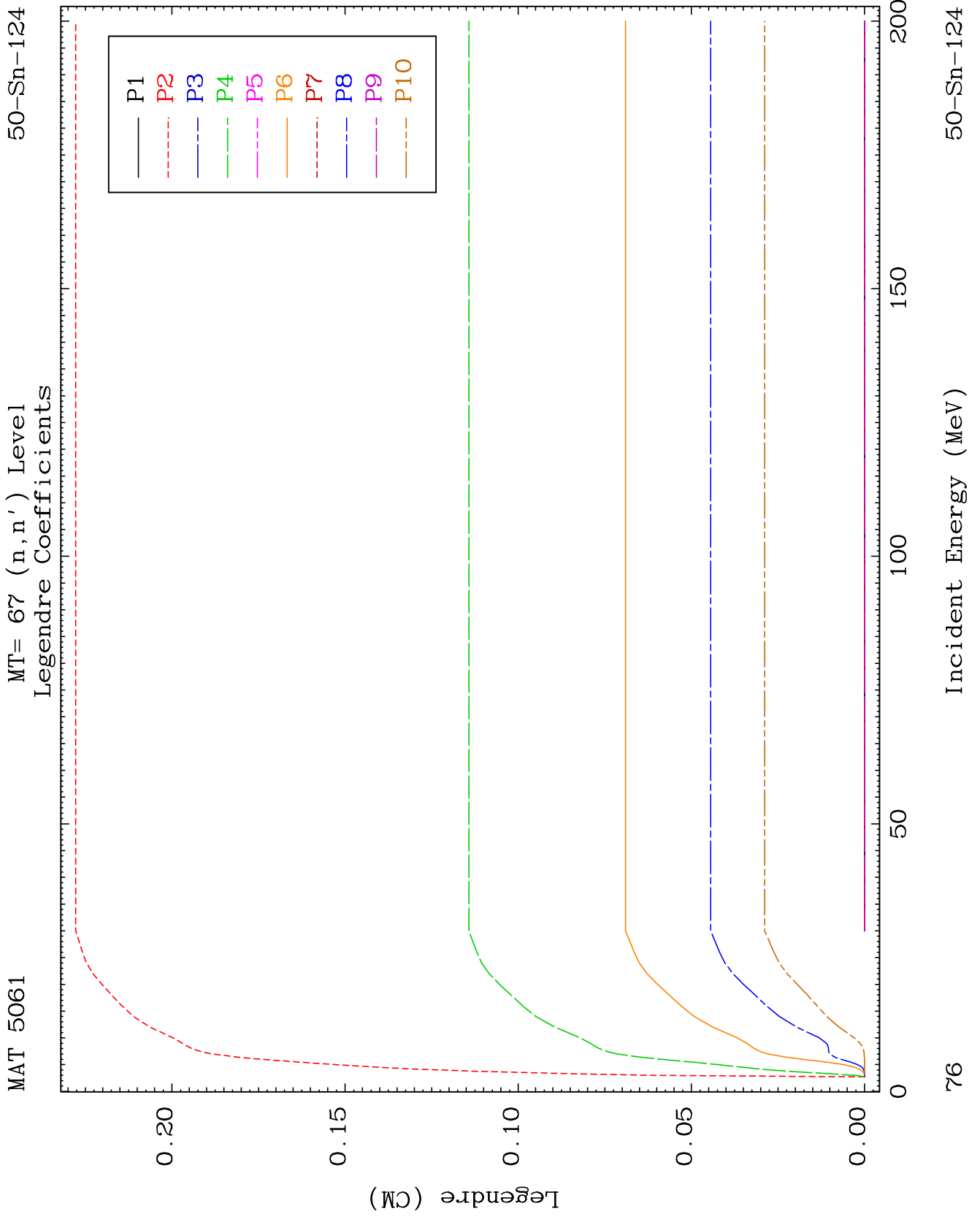


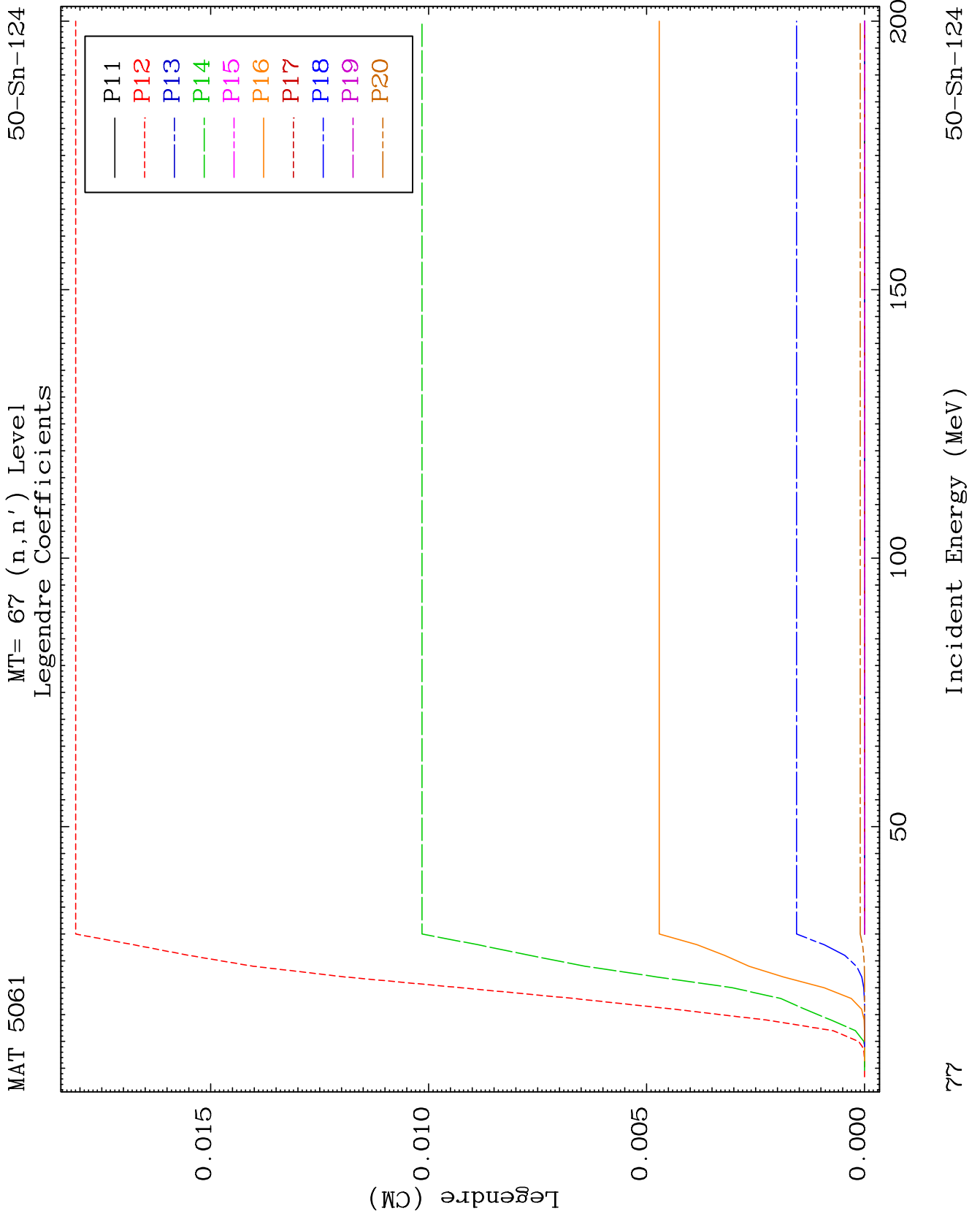
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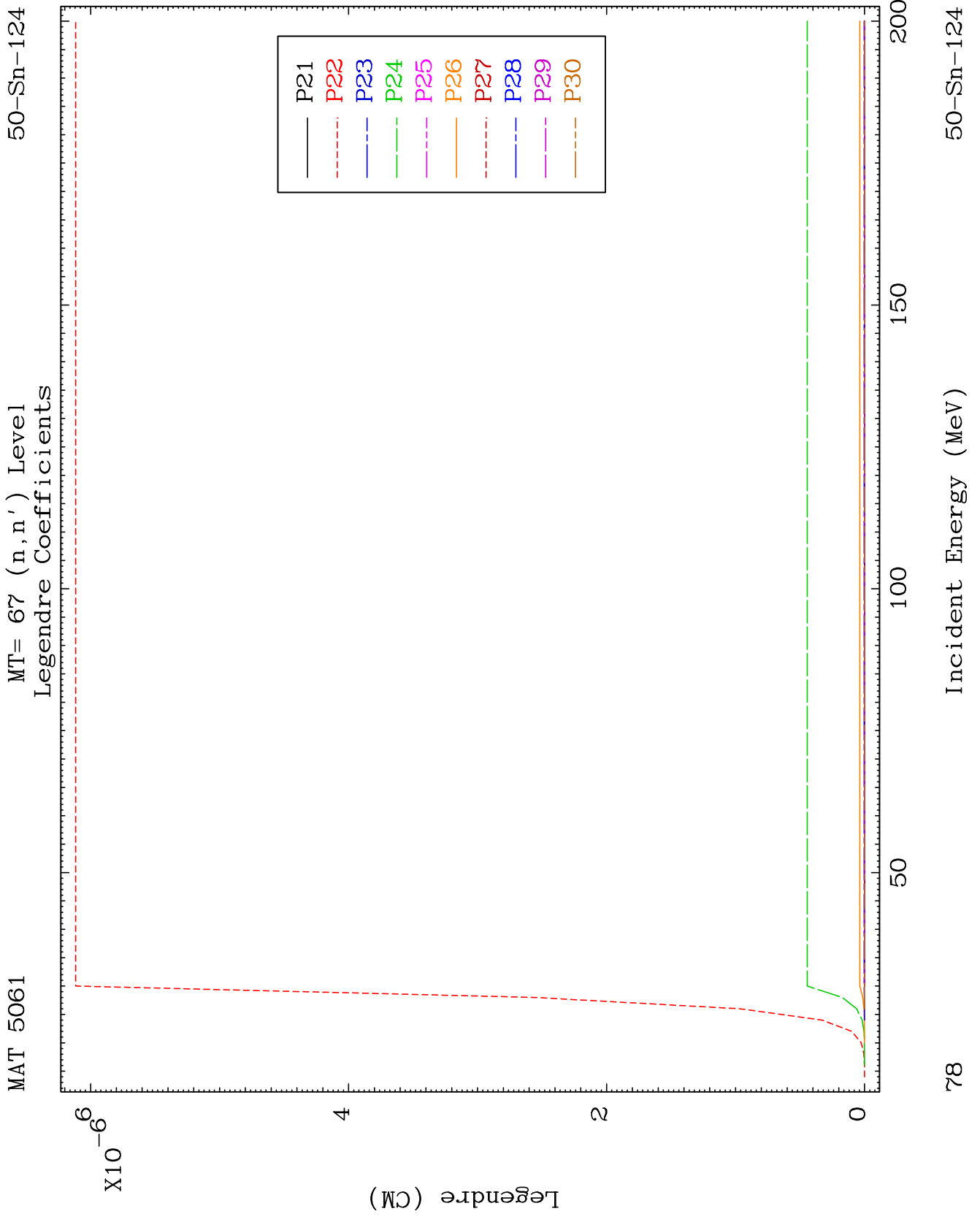
Incident Energy (MeV)

50-Sn-124





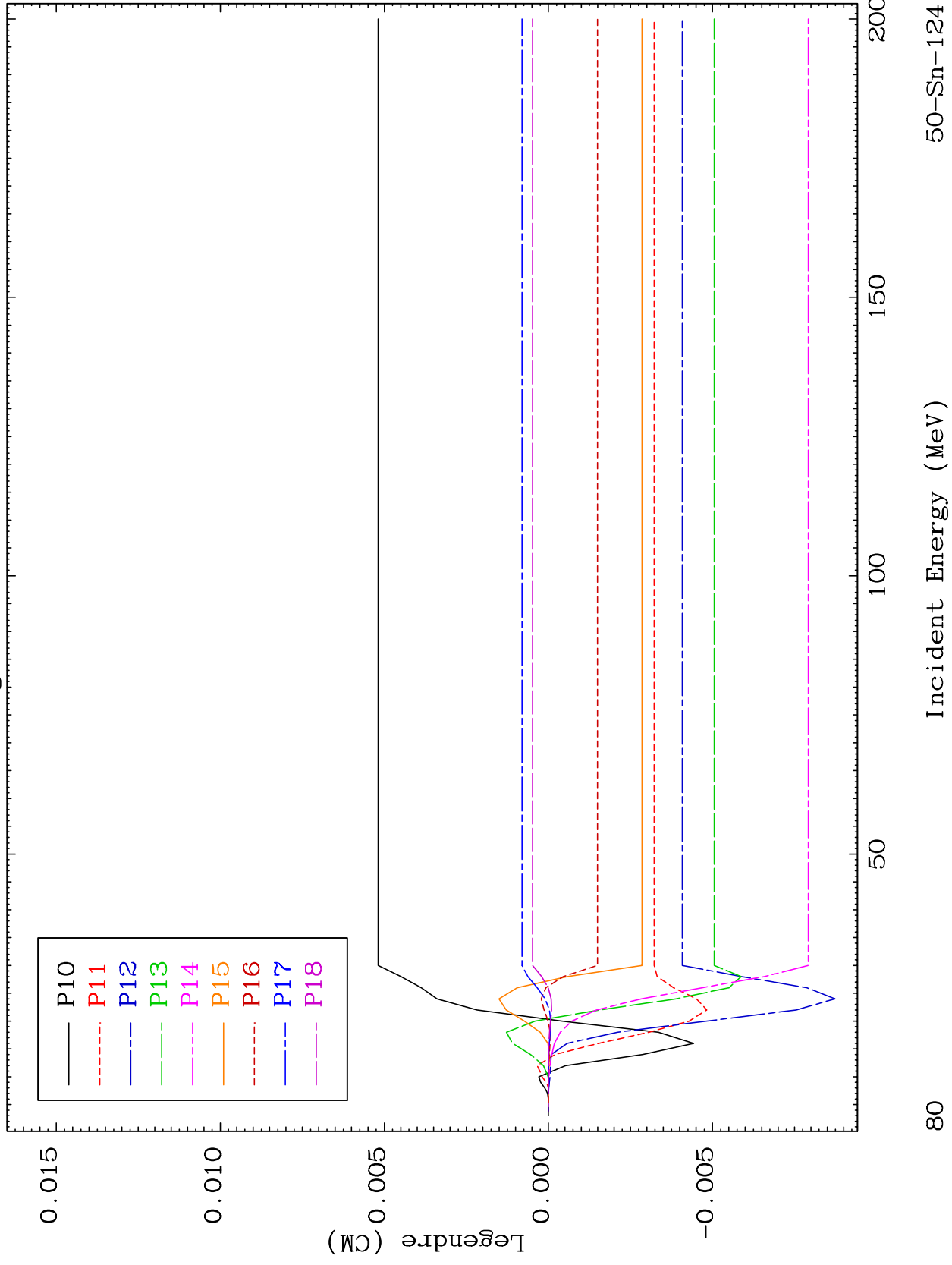




MAT 5061

MT= 68 (n,n') Level
Legendre Coefficients

50-Sn-124



80

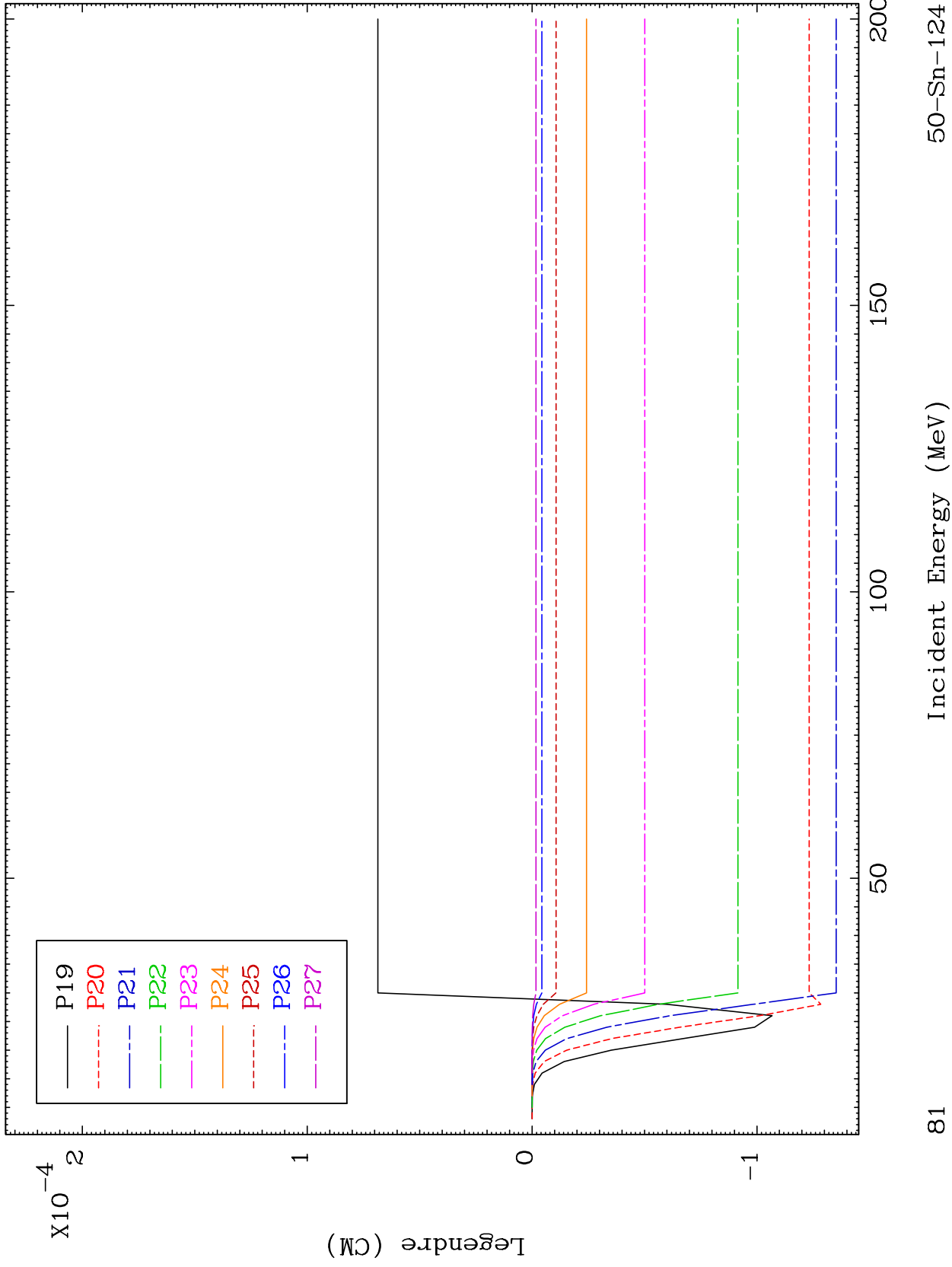
Incident Energy (MeV)

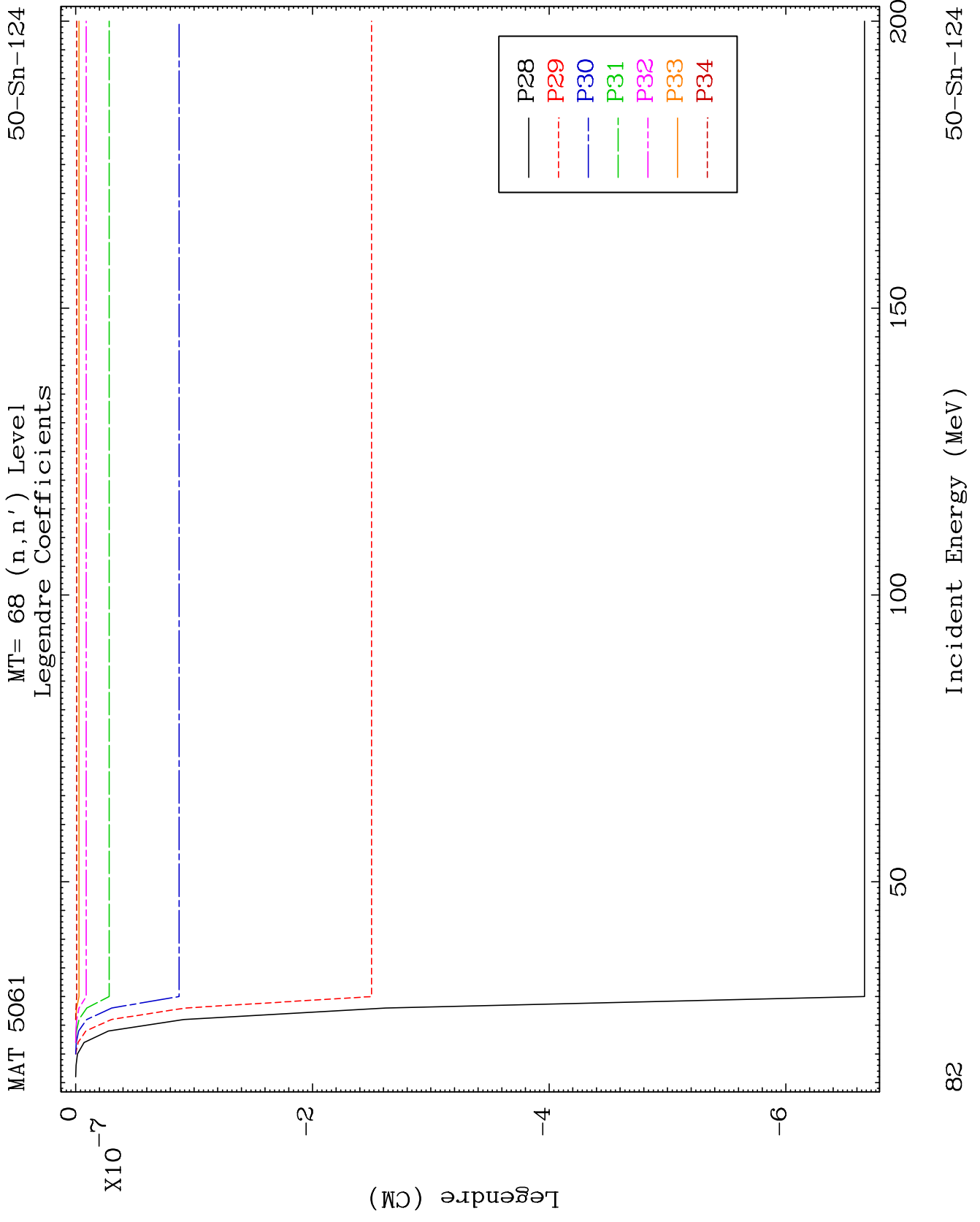
50-Sn-124

MAT 5061

MT= 68 (n,n') Level
Legendre Coefficients

50-Sn-124

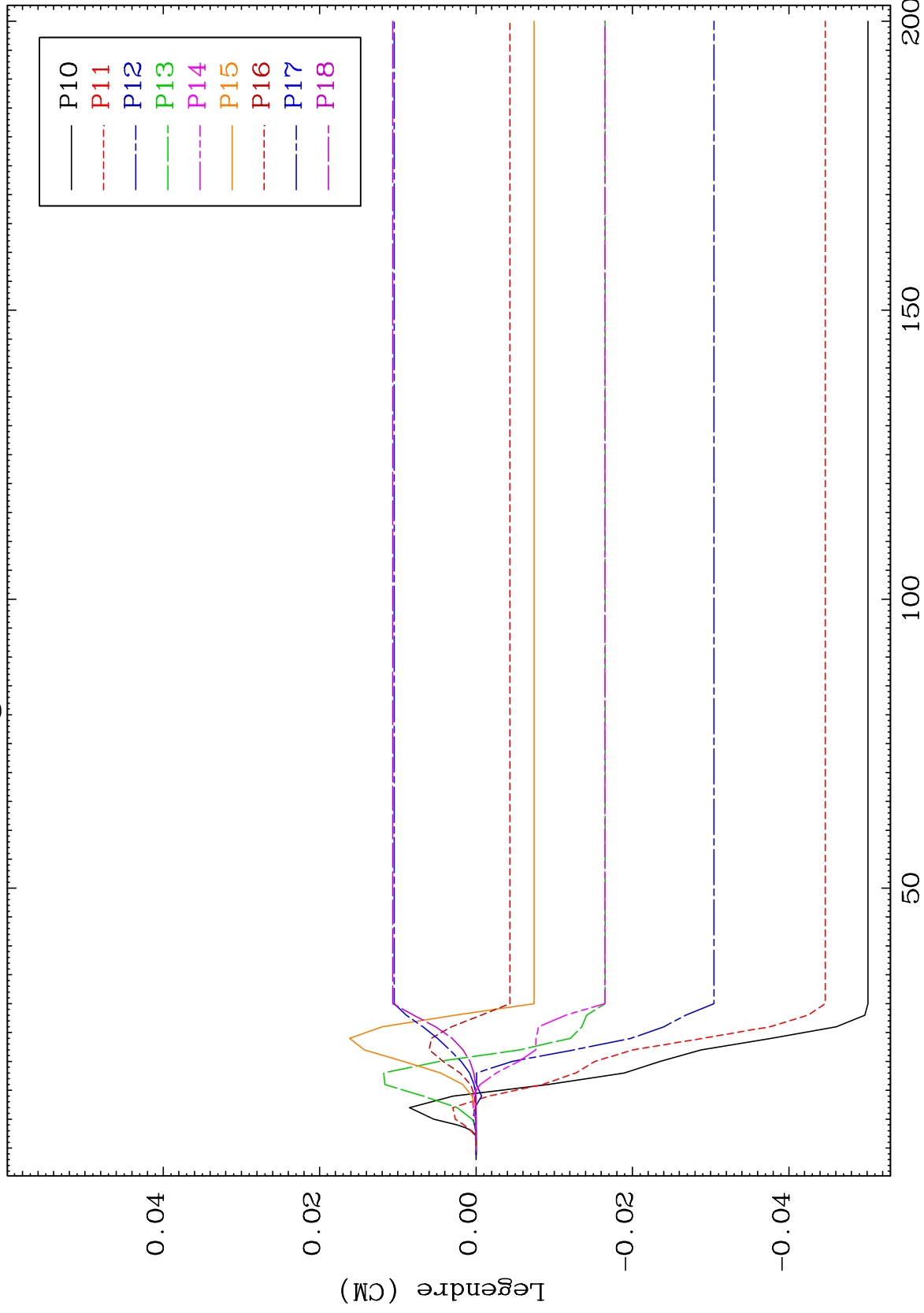




MAT 5061

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

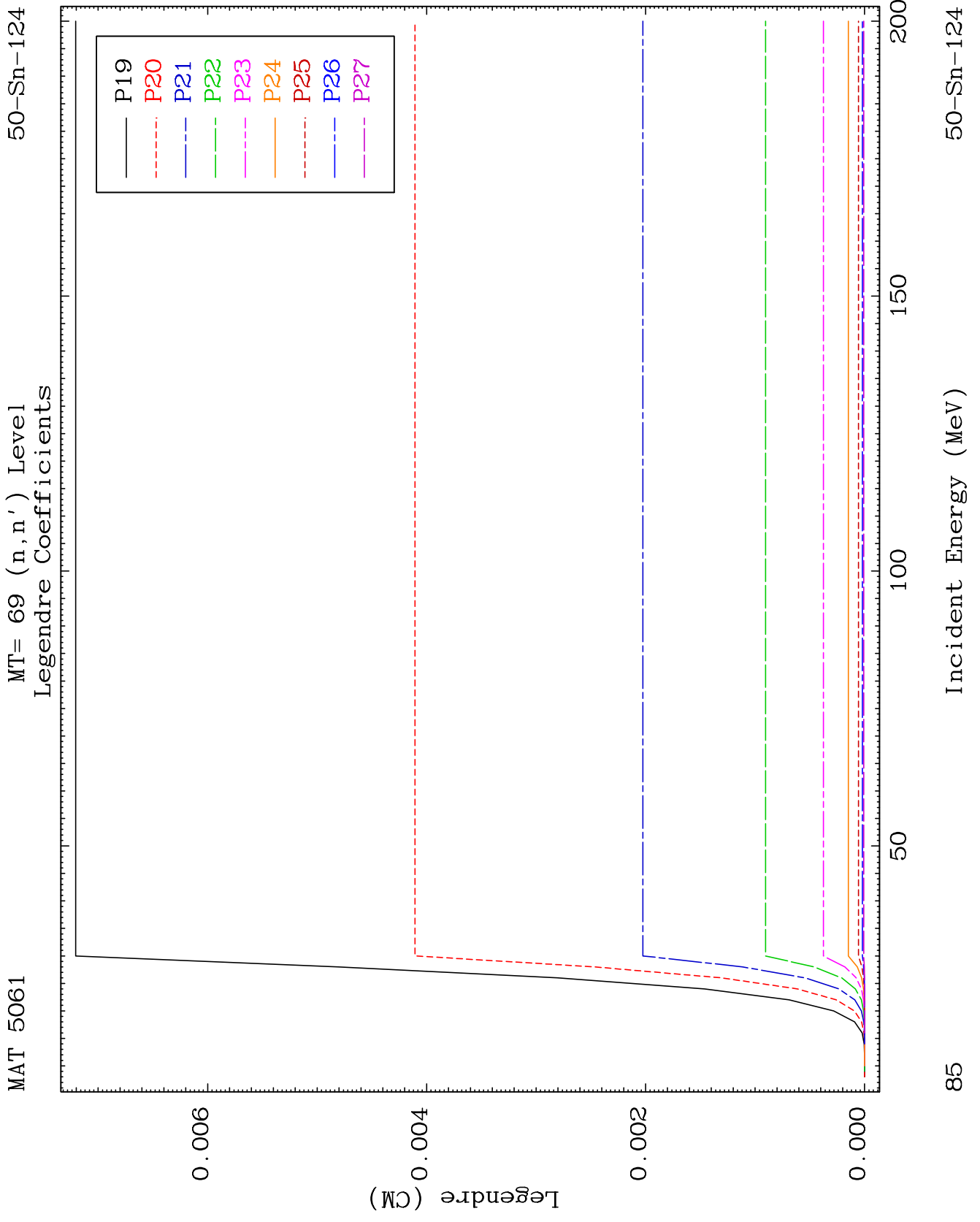
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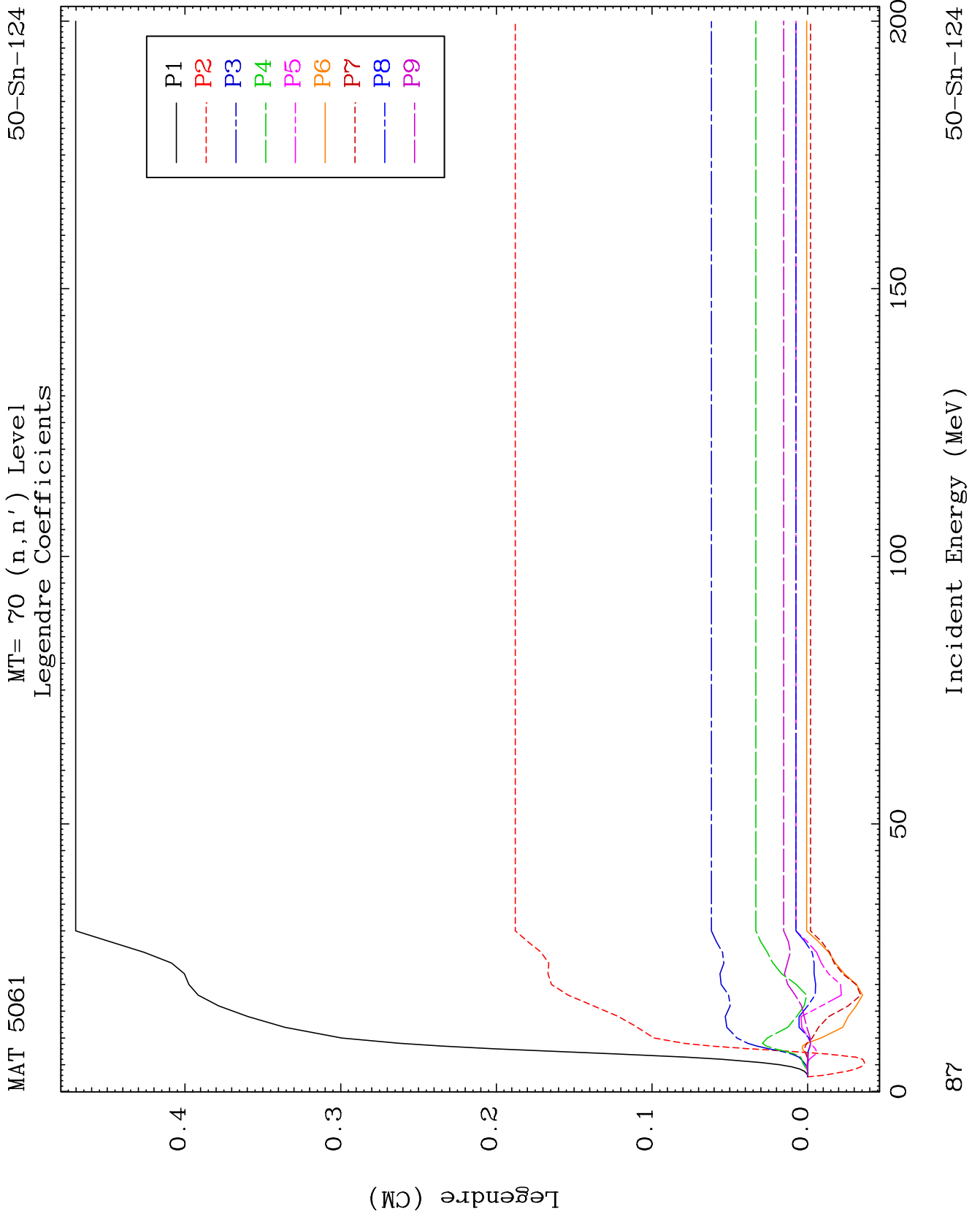


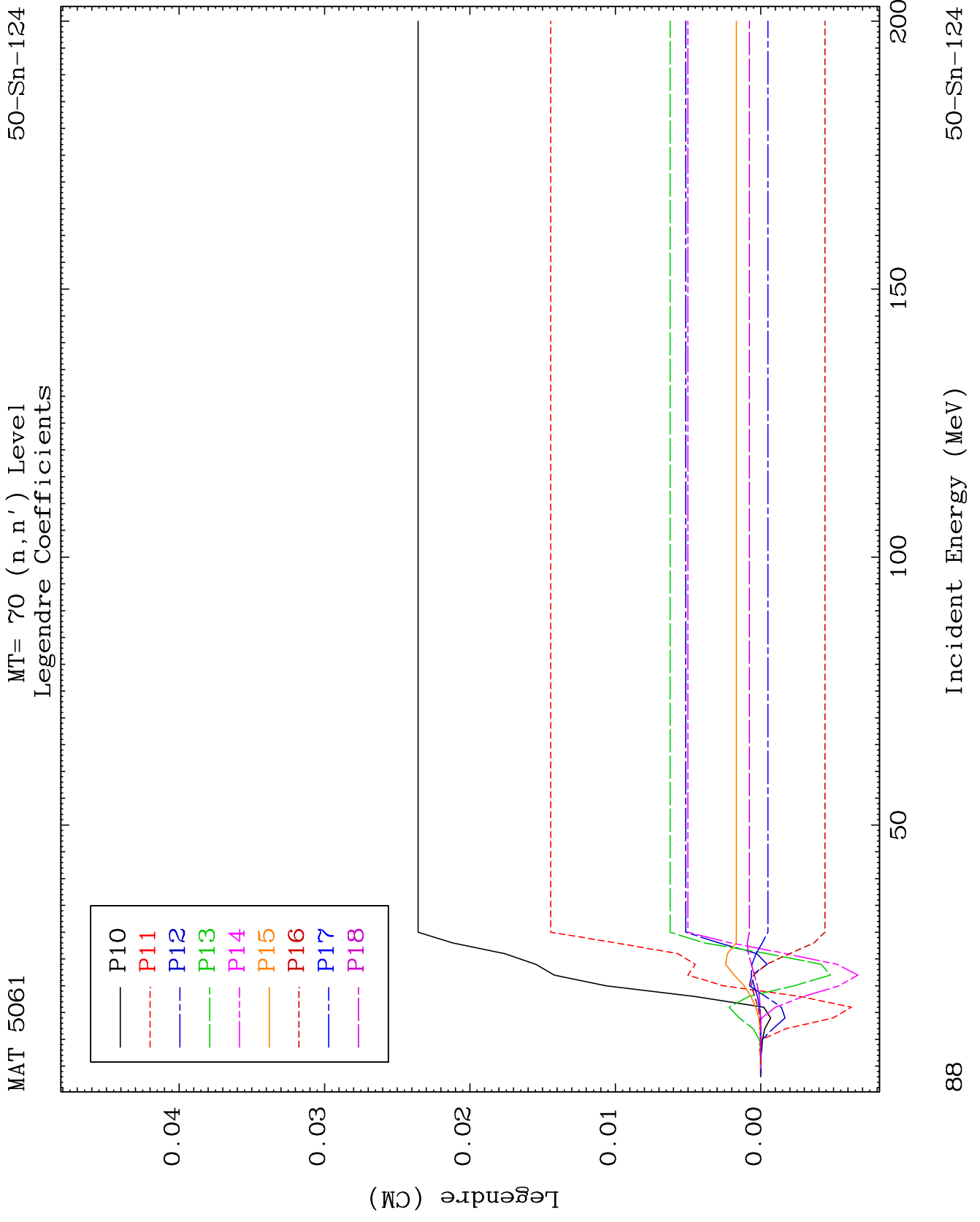
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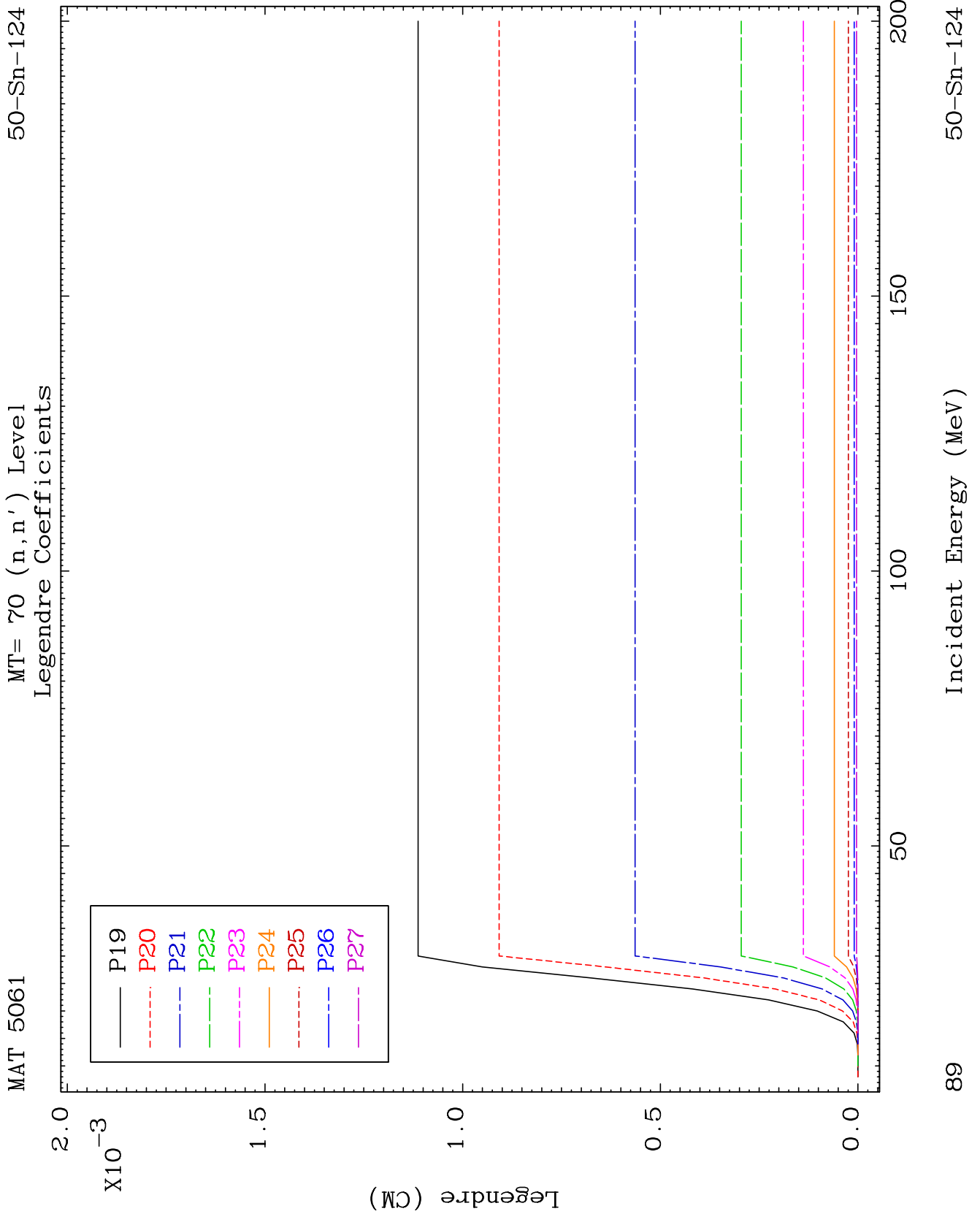
Incident Energy (MeV)

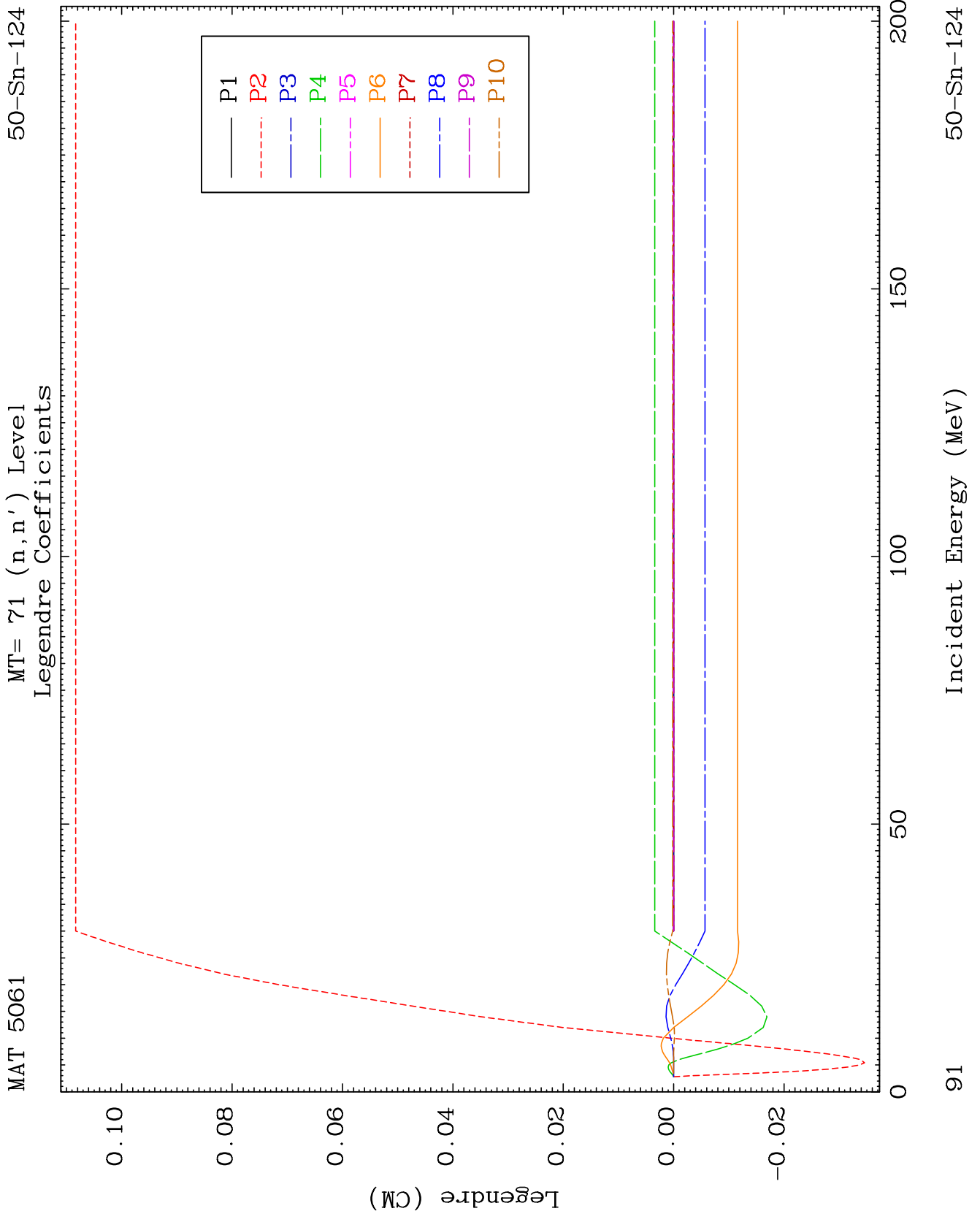
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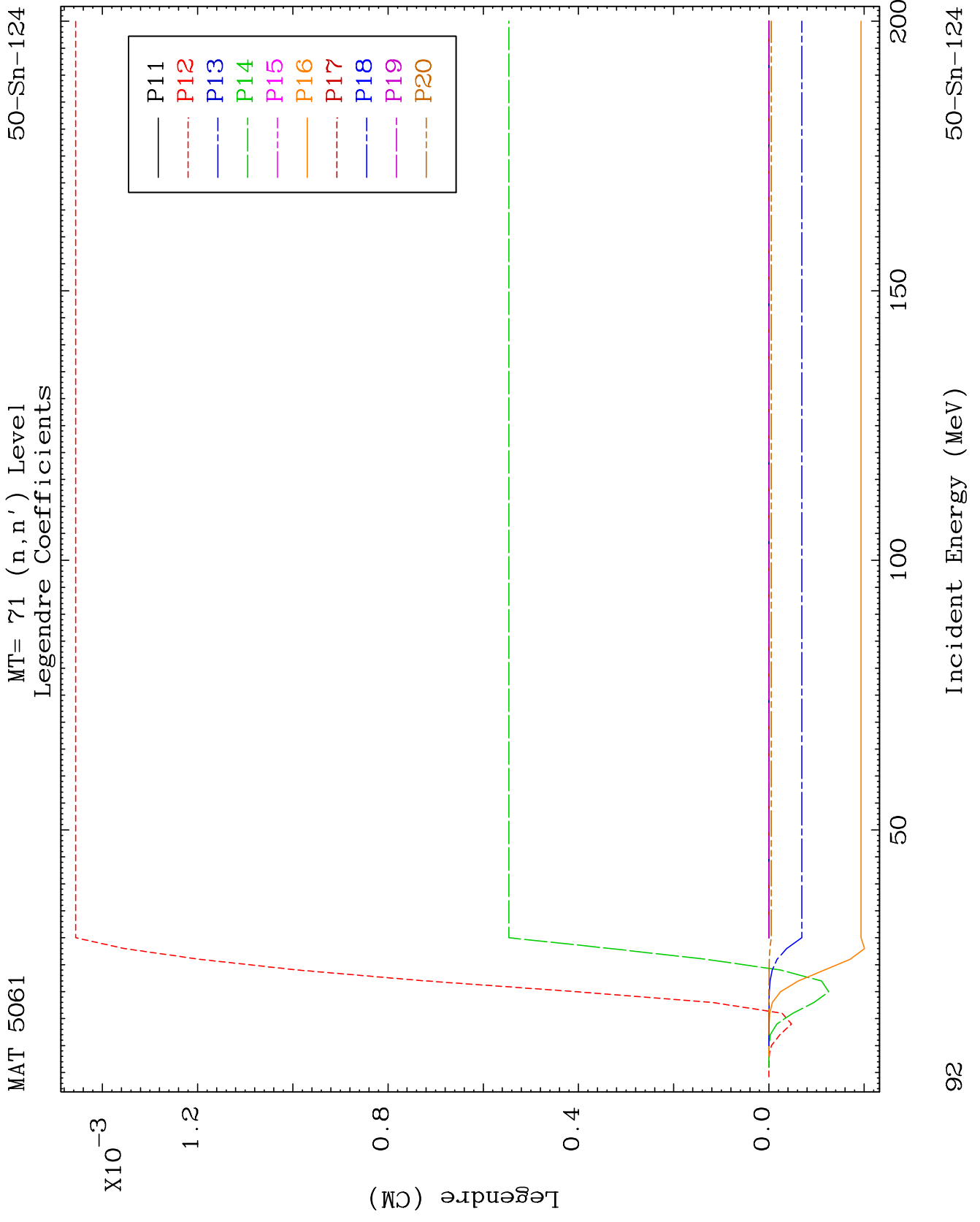


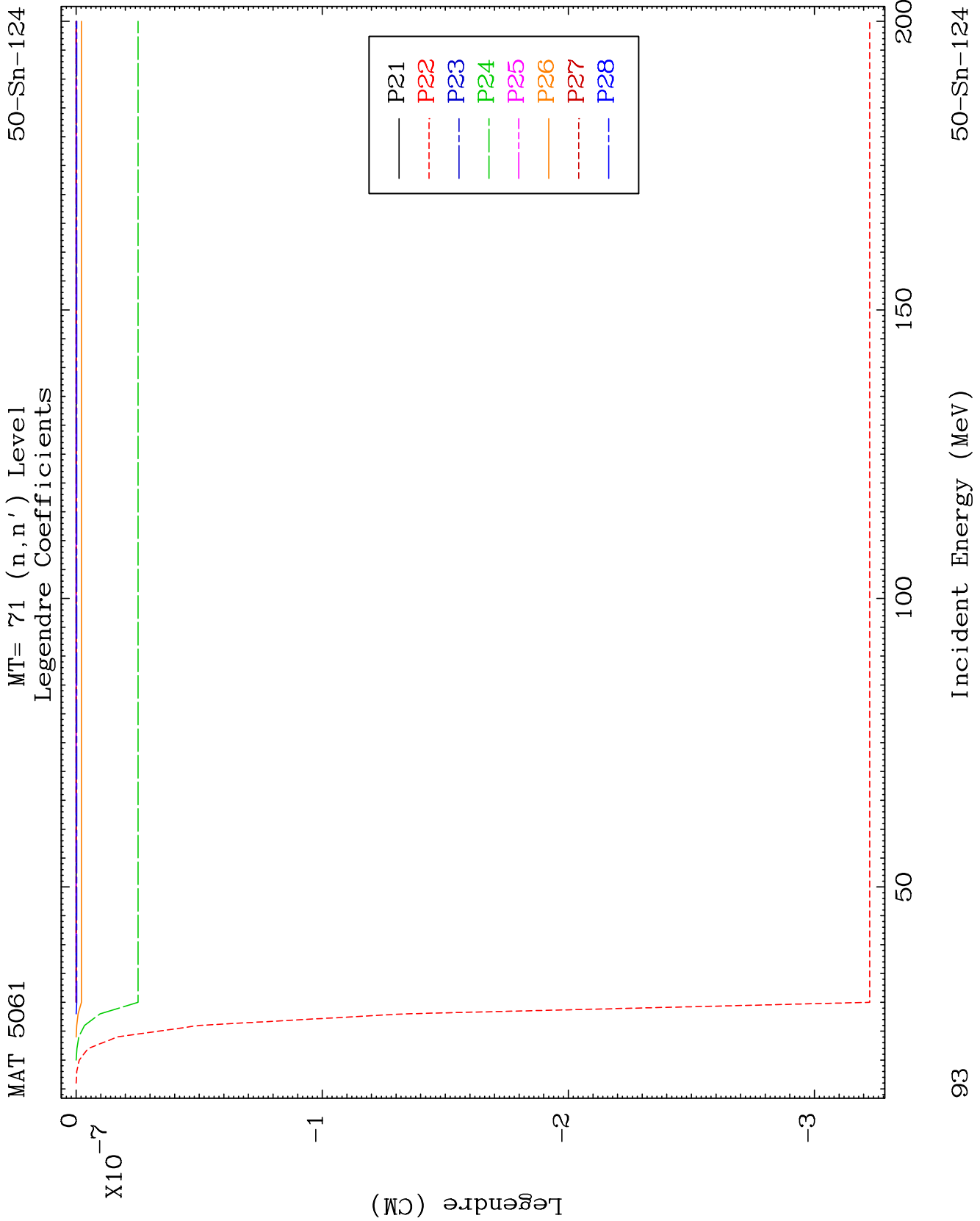


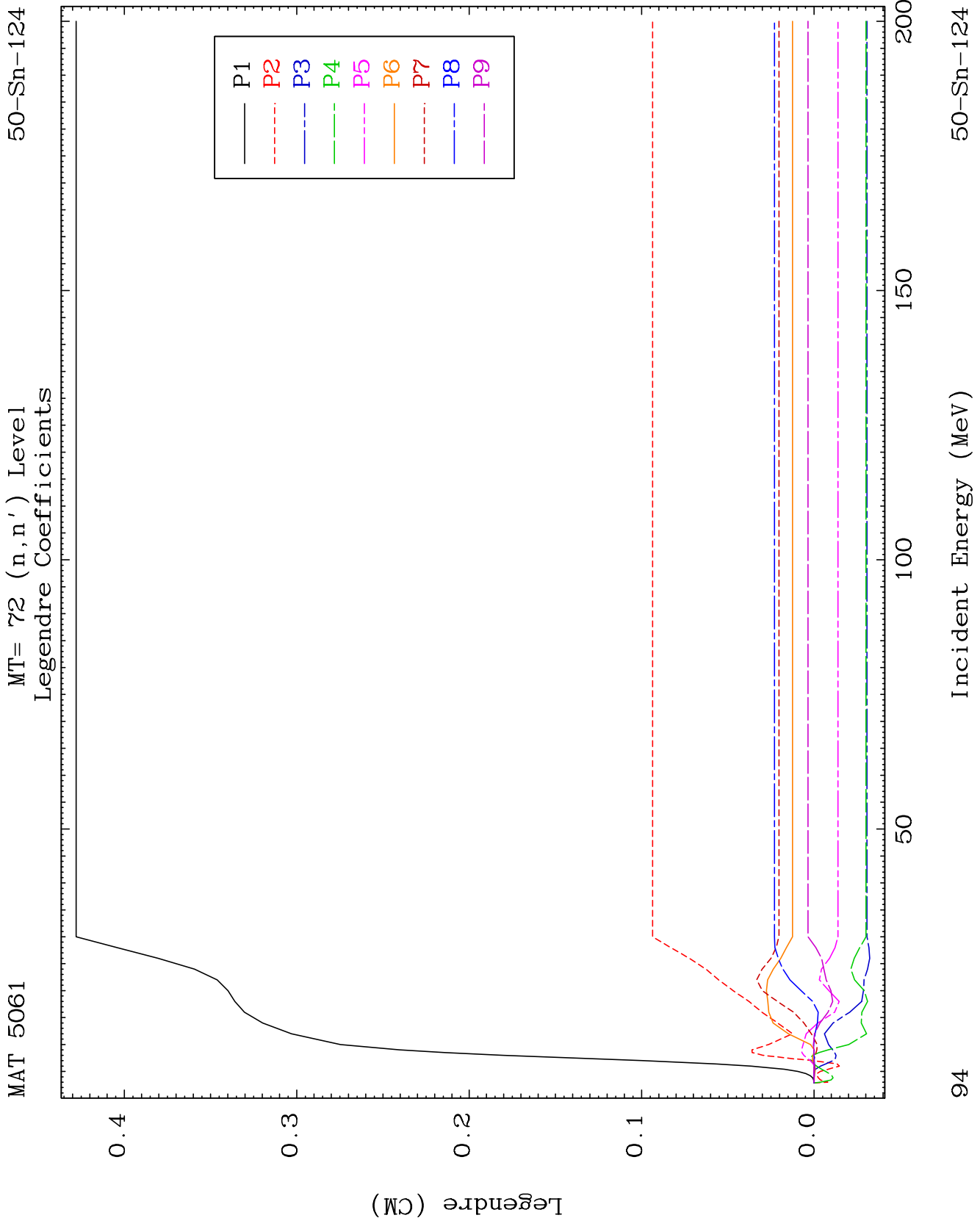








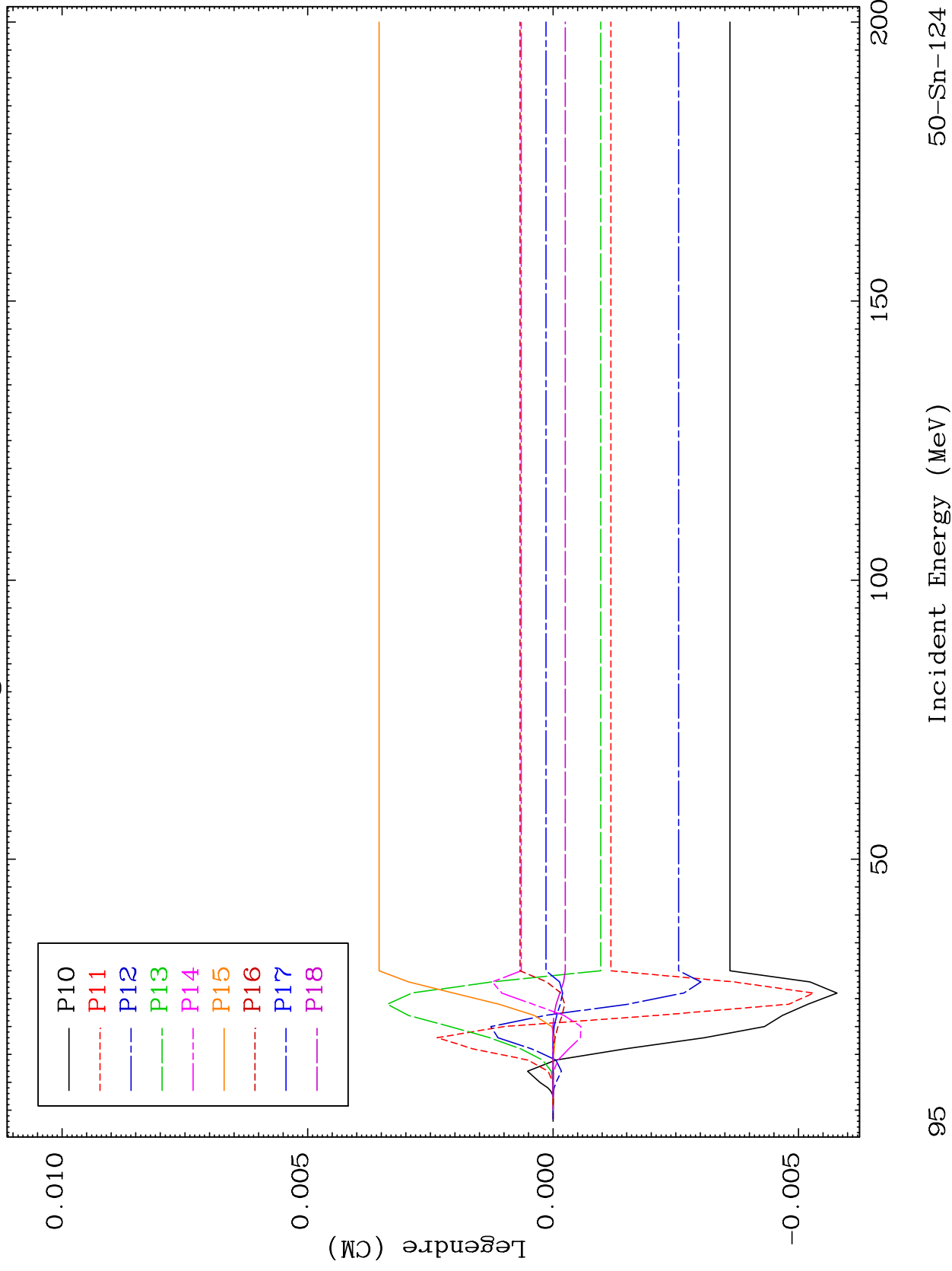




MAT 5061

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

50-Sn-124



95

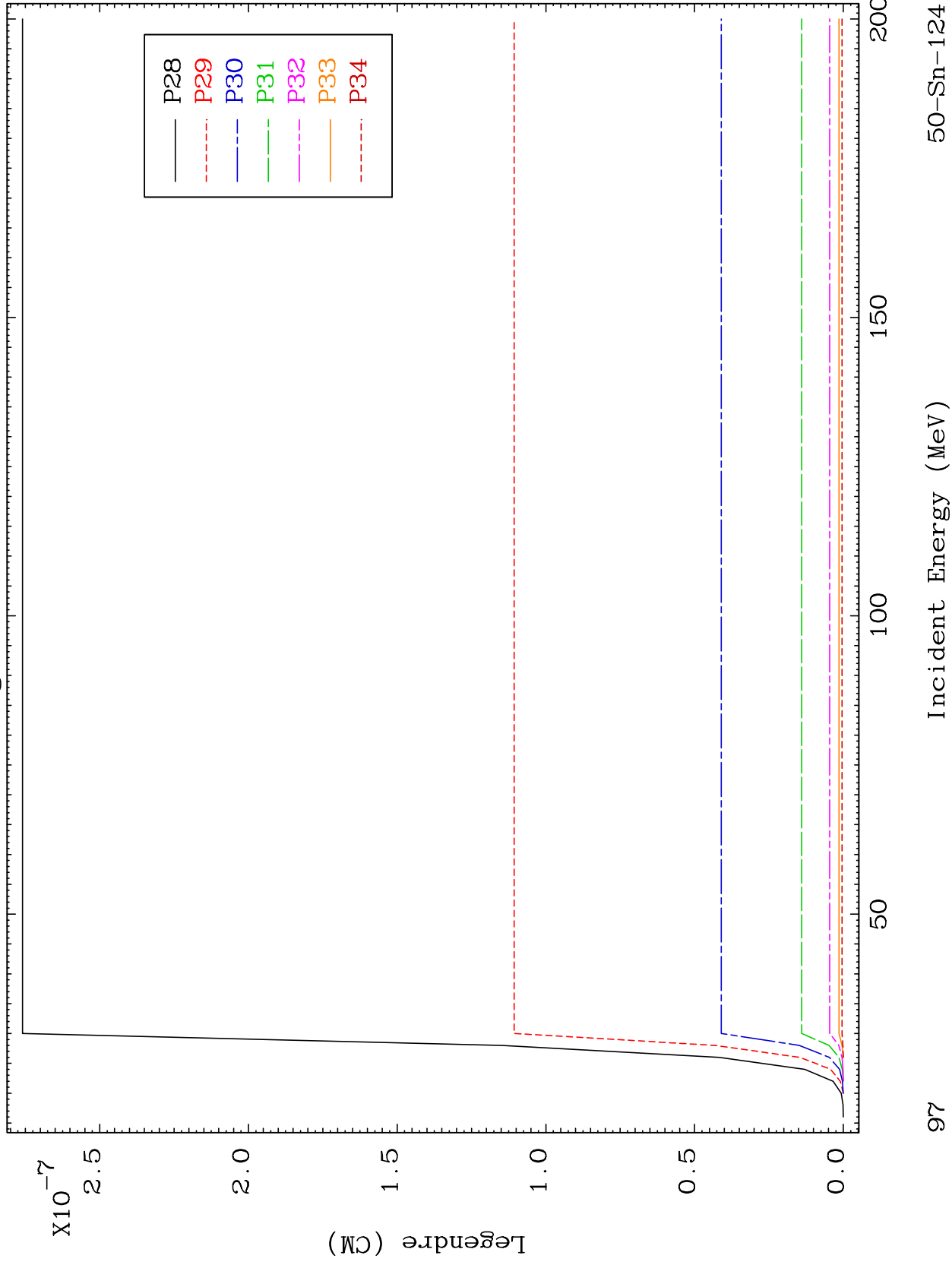
Incident Energy (MeV)

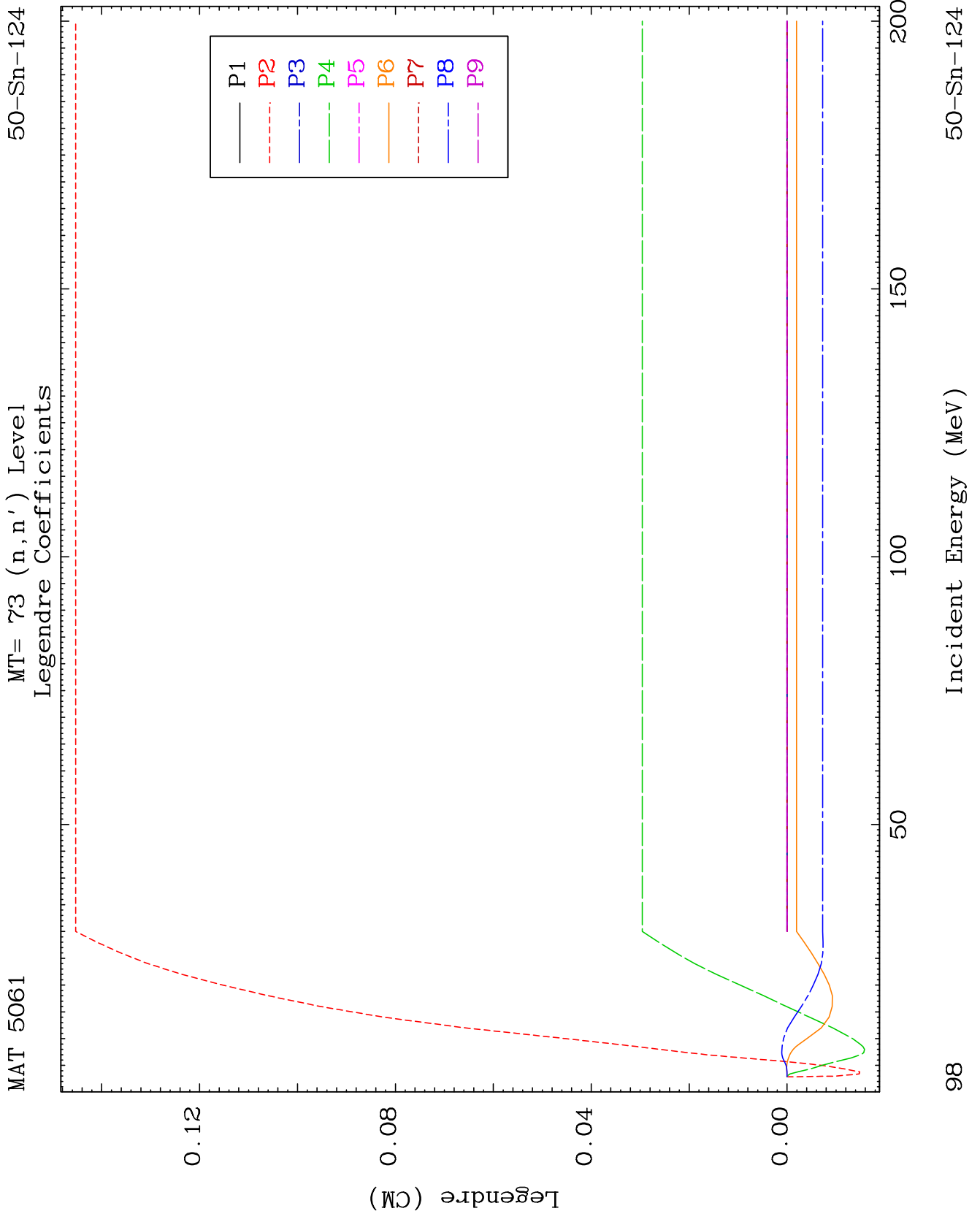
50-Sn-124

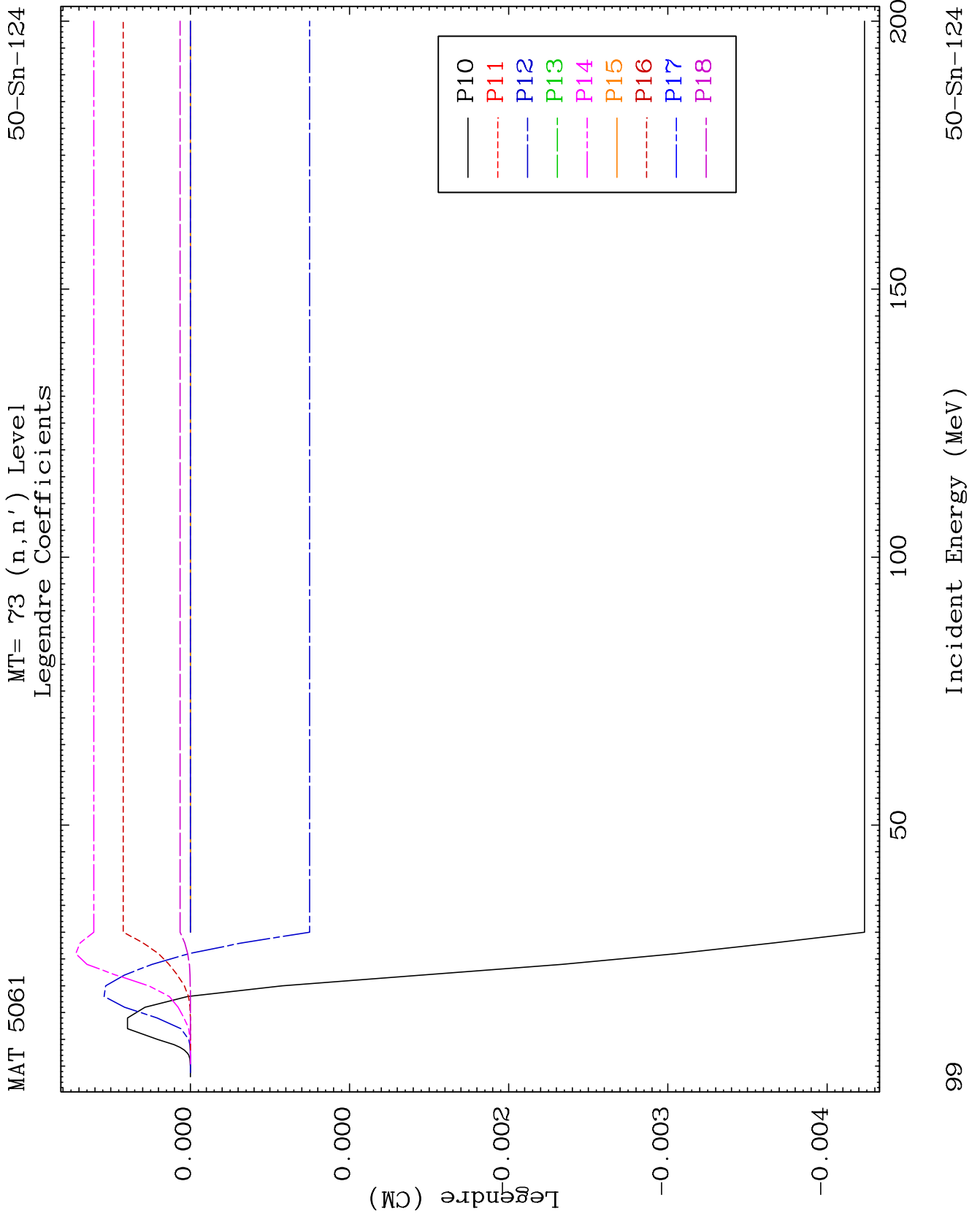
MAT 5061

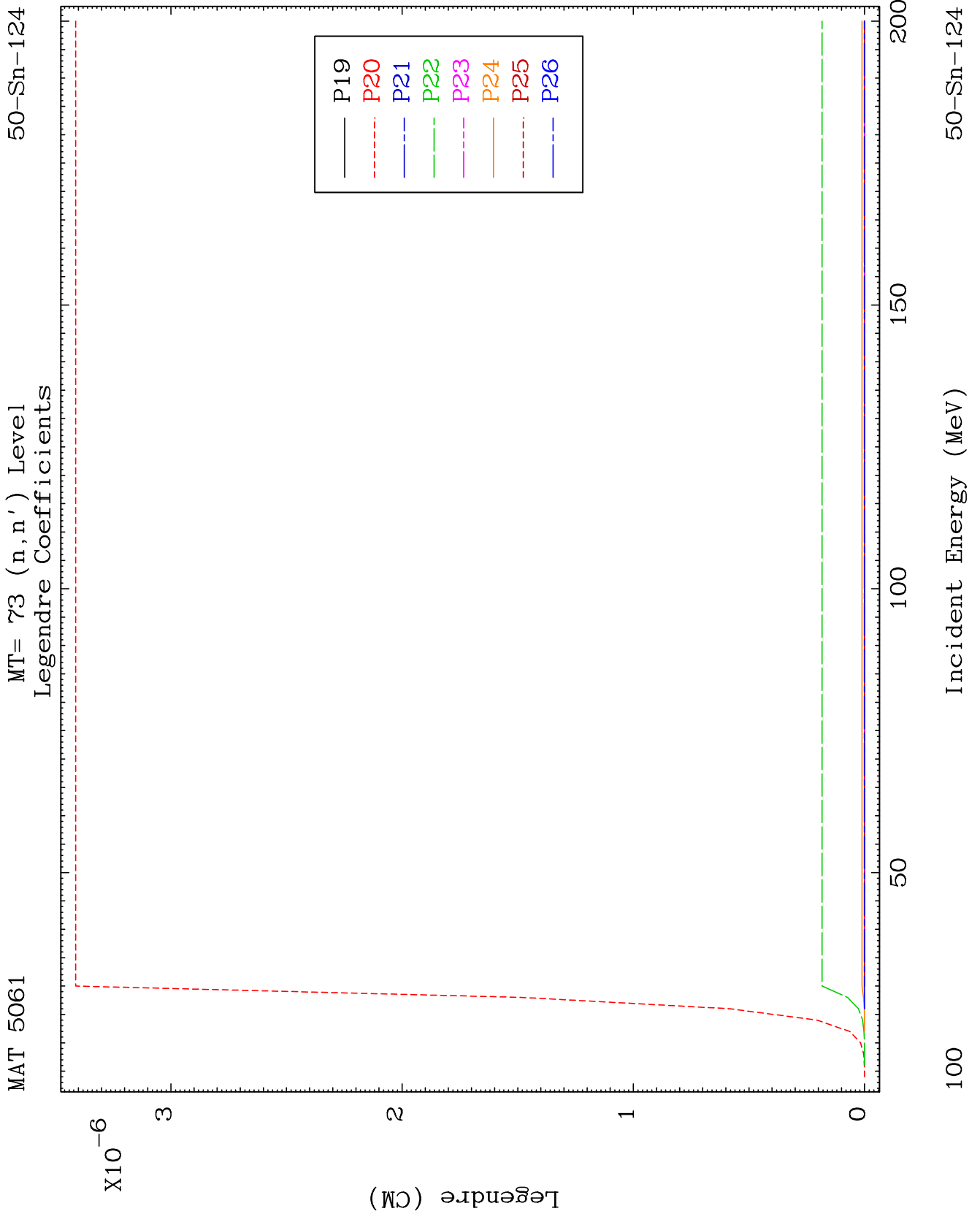
MT= 72 (n,n') Level
Legendre Coefficients

50-Sn-124





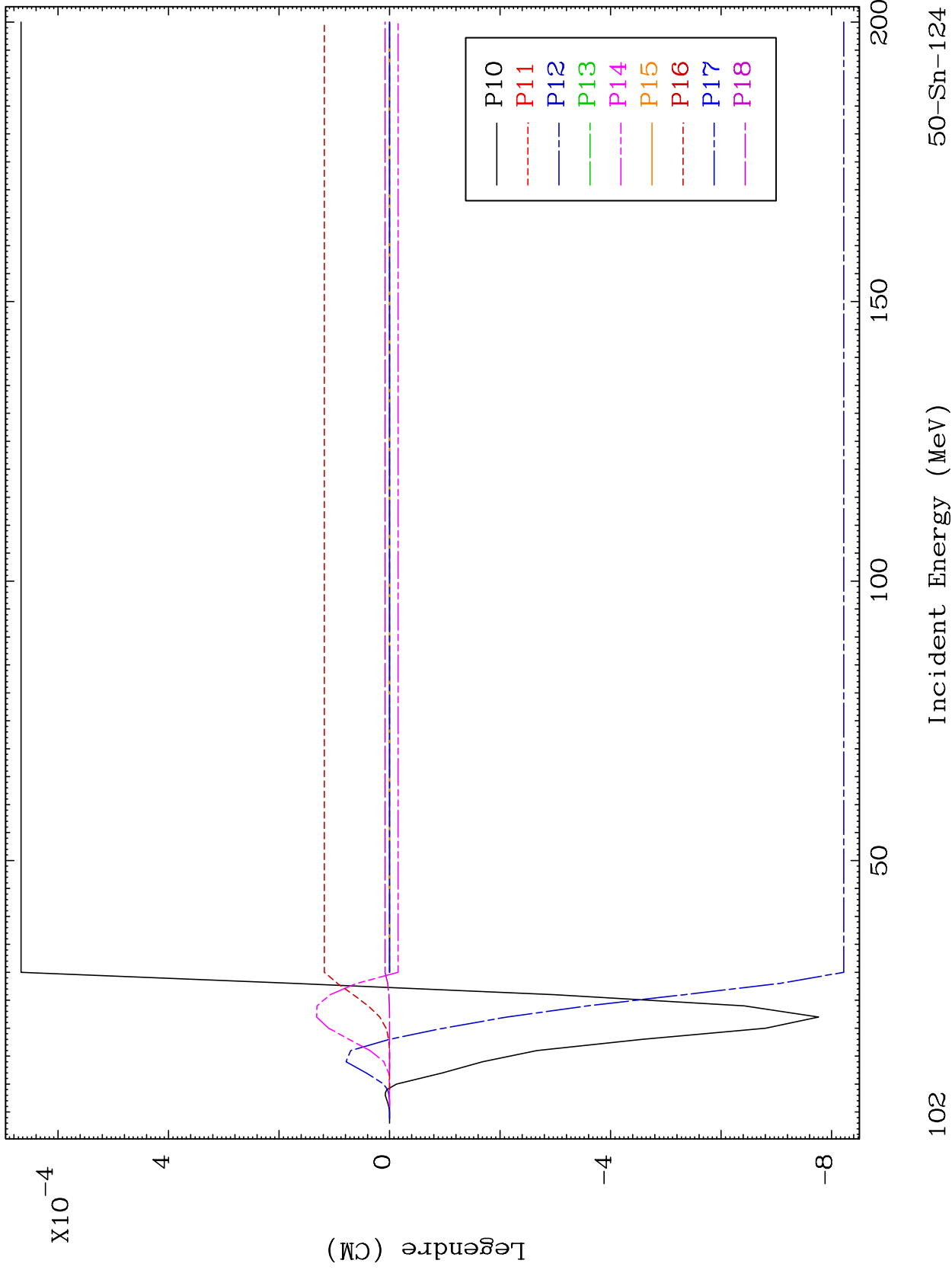




MAT 5061

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

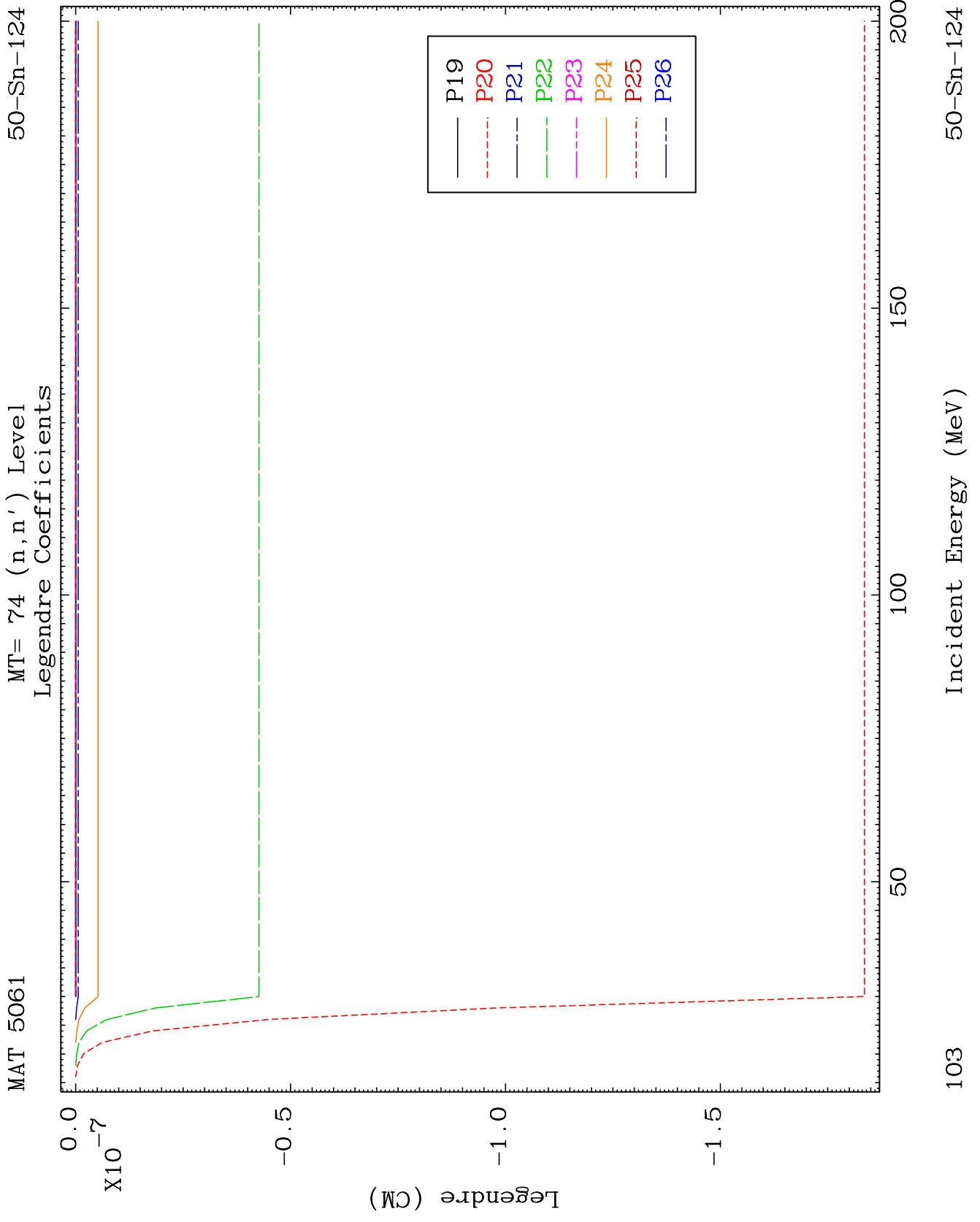
50-Sn-124

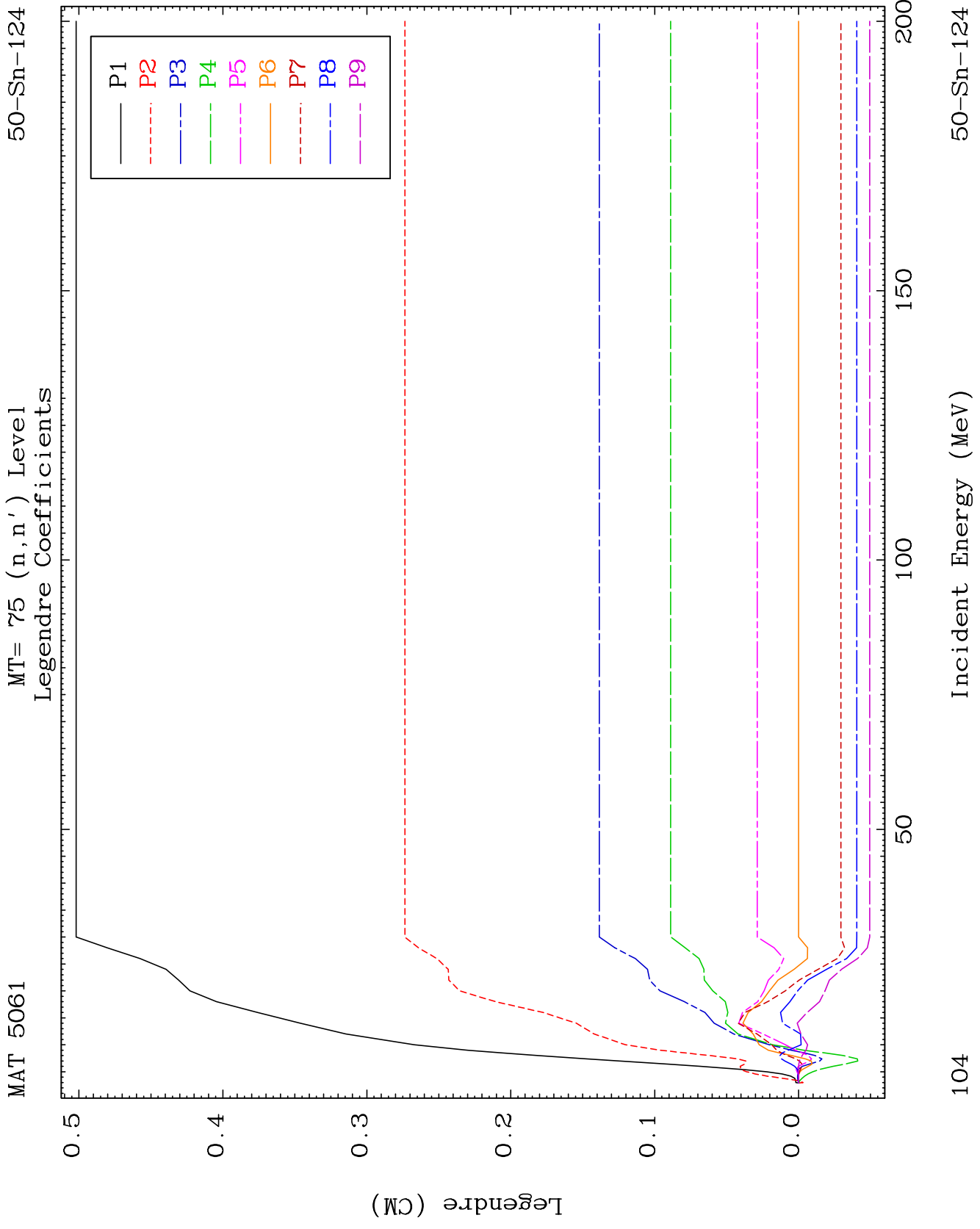


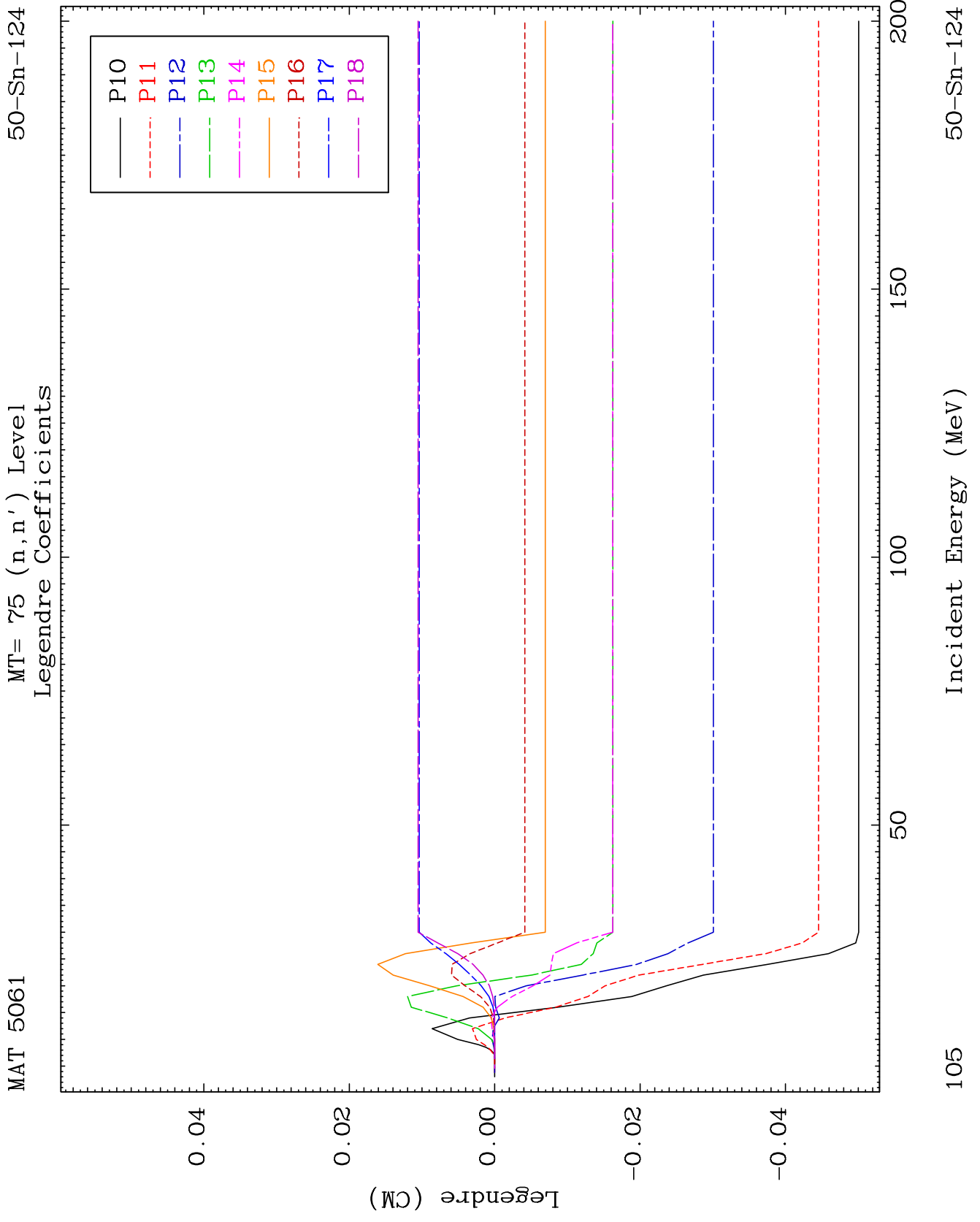
102

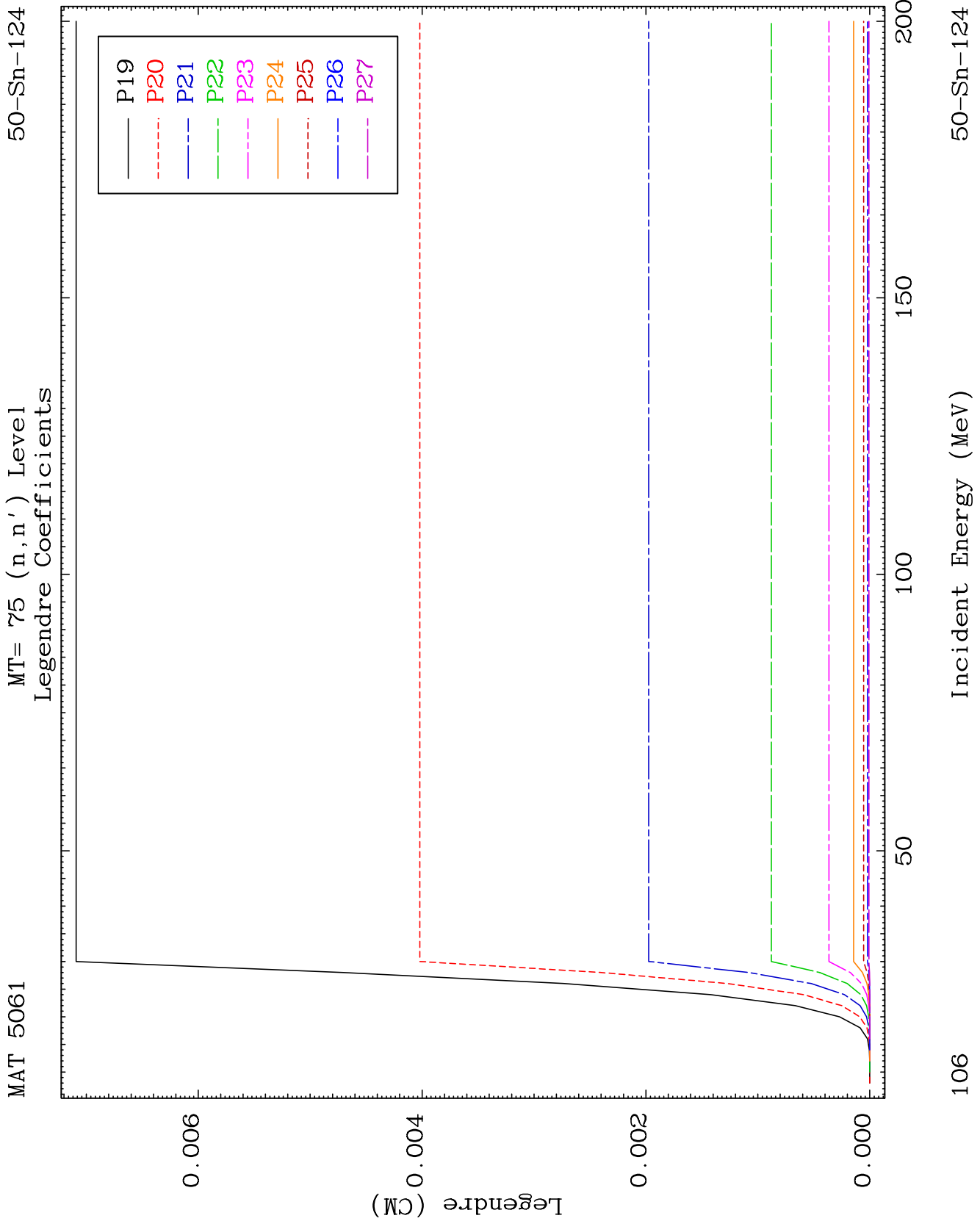
Incident Energy (MeV)

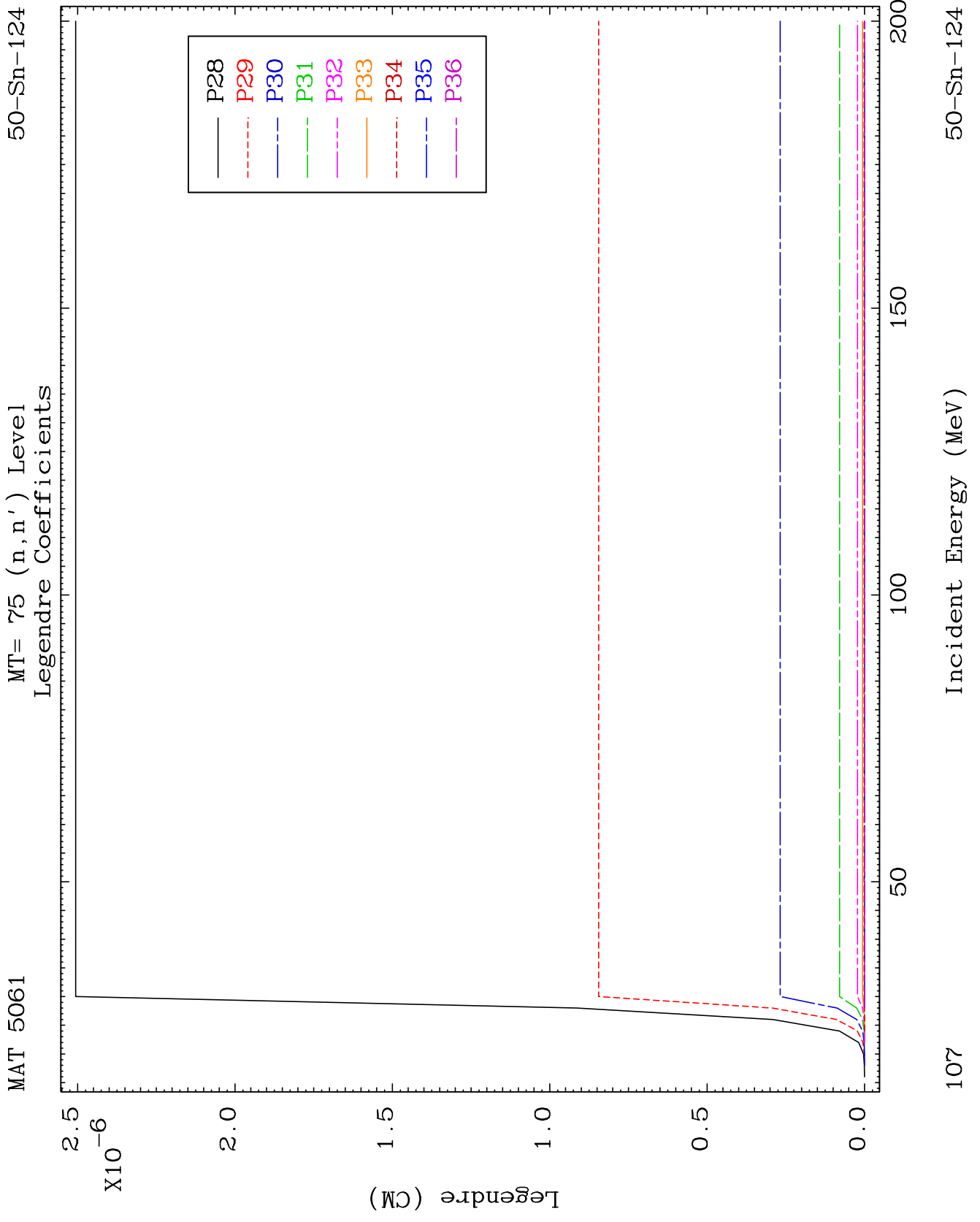
50-Sn-124







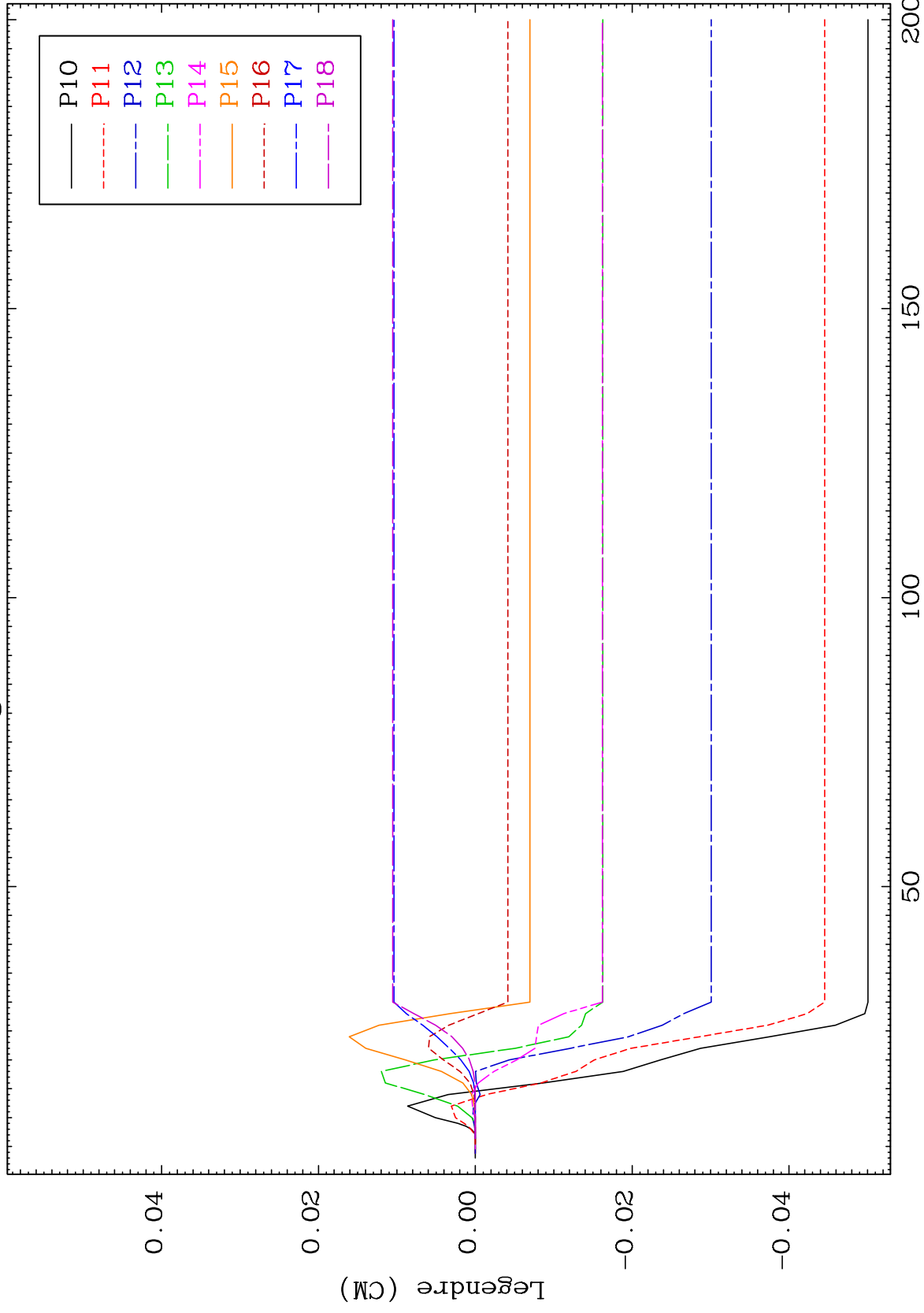




MAT 5061

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

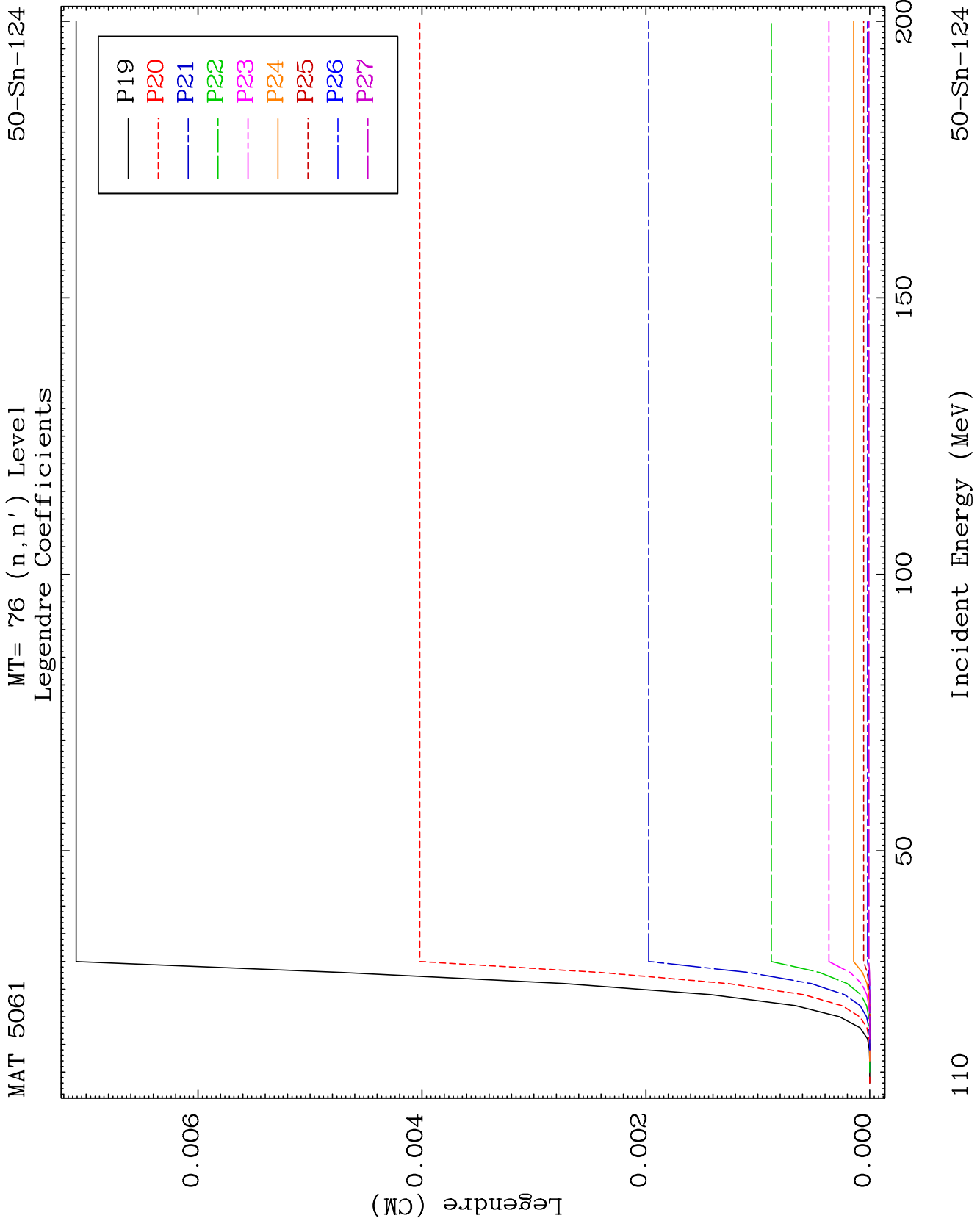
50-Sn-124

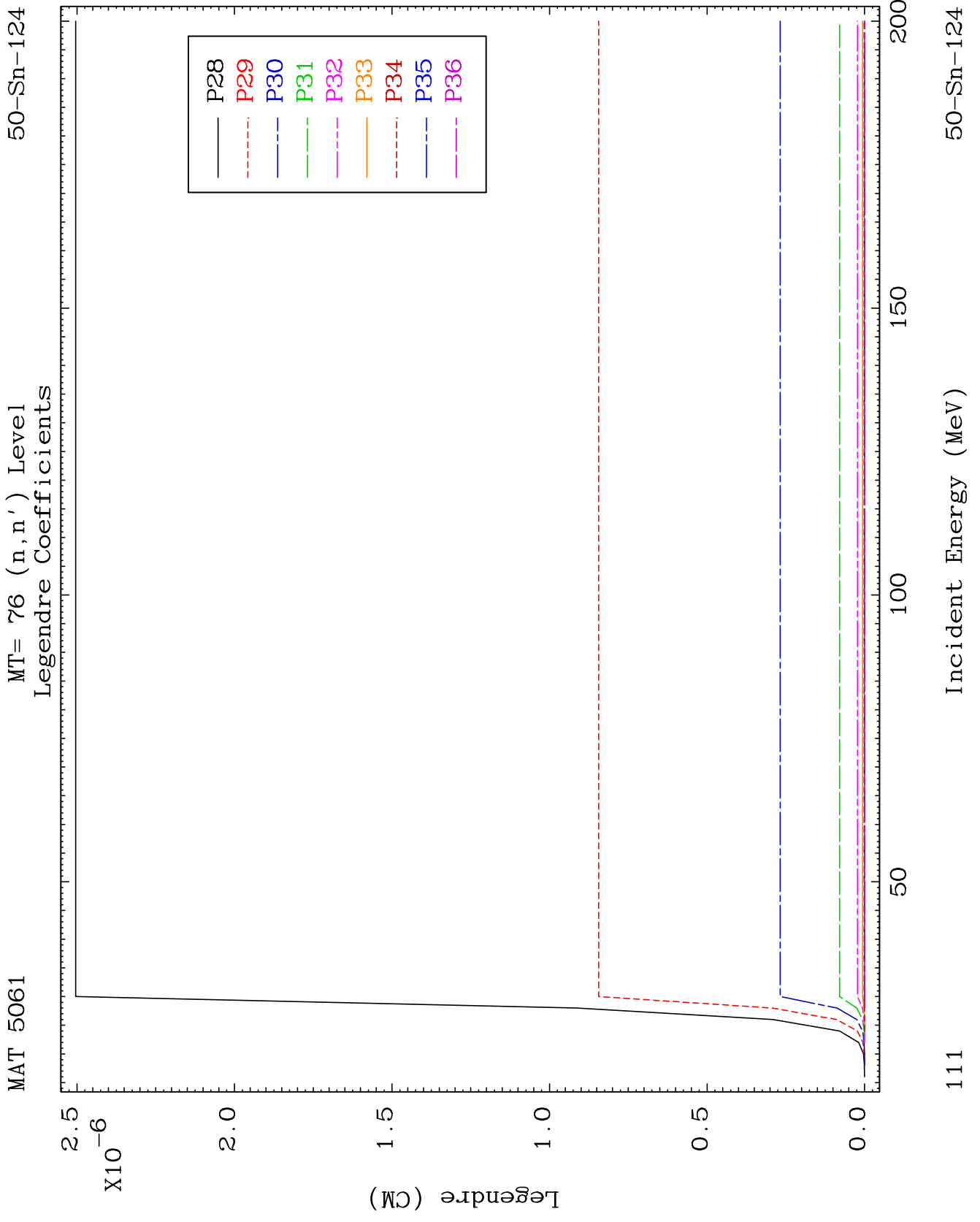


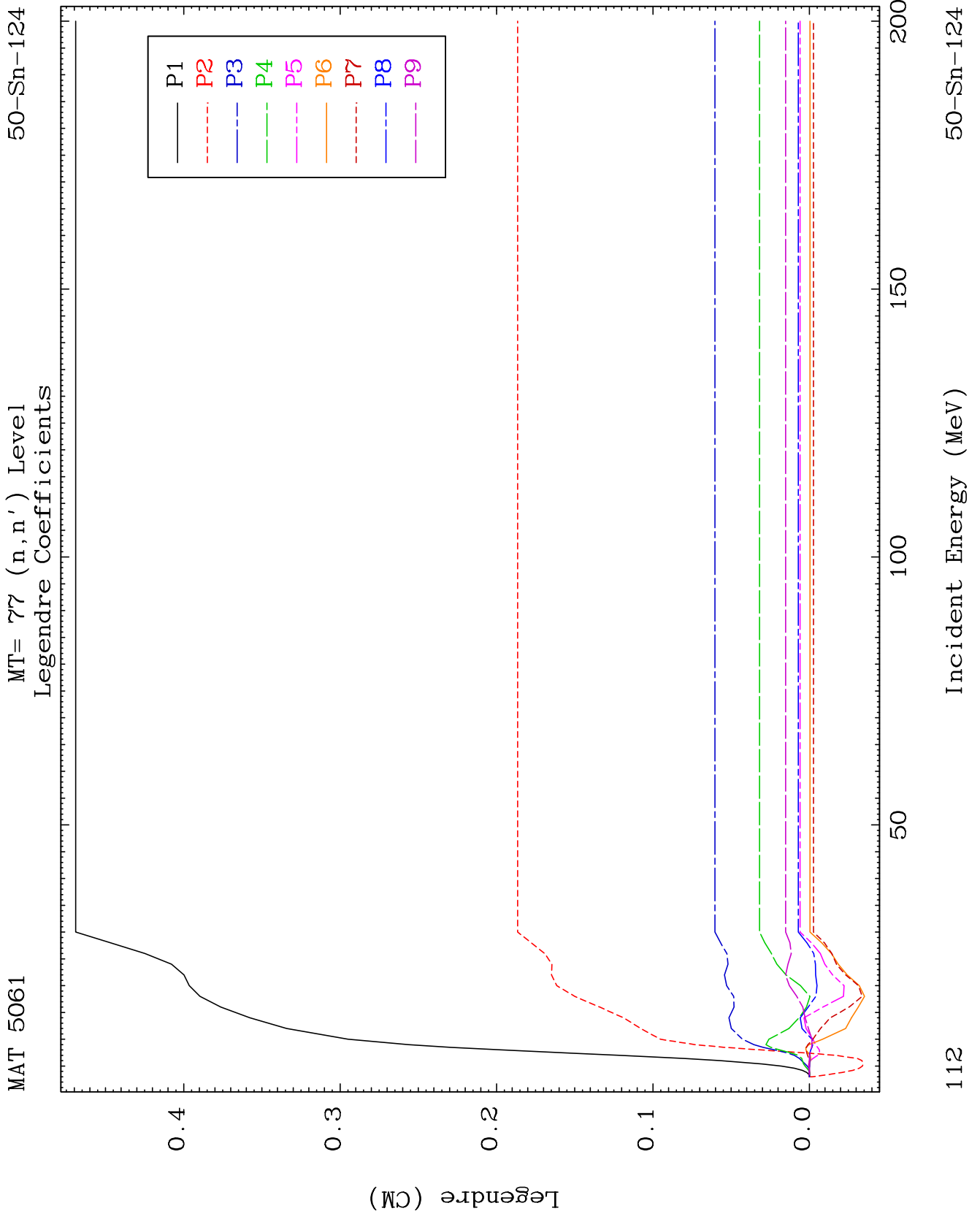
109

Incident Energy (MeV)

50-Sn-124



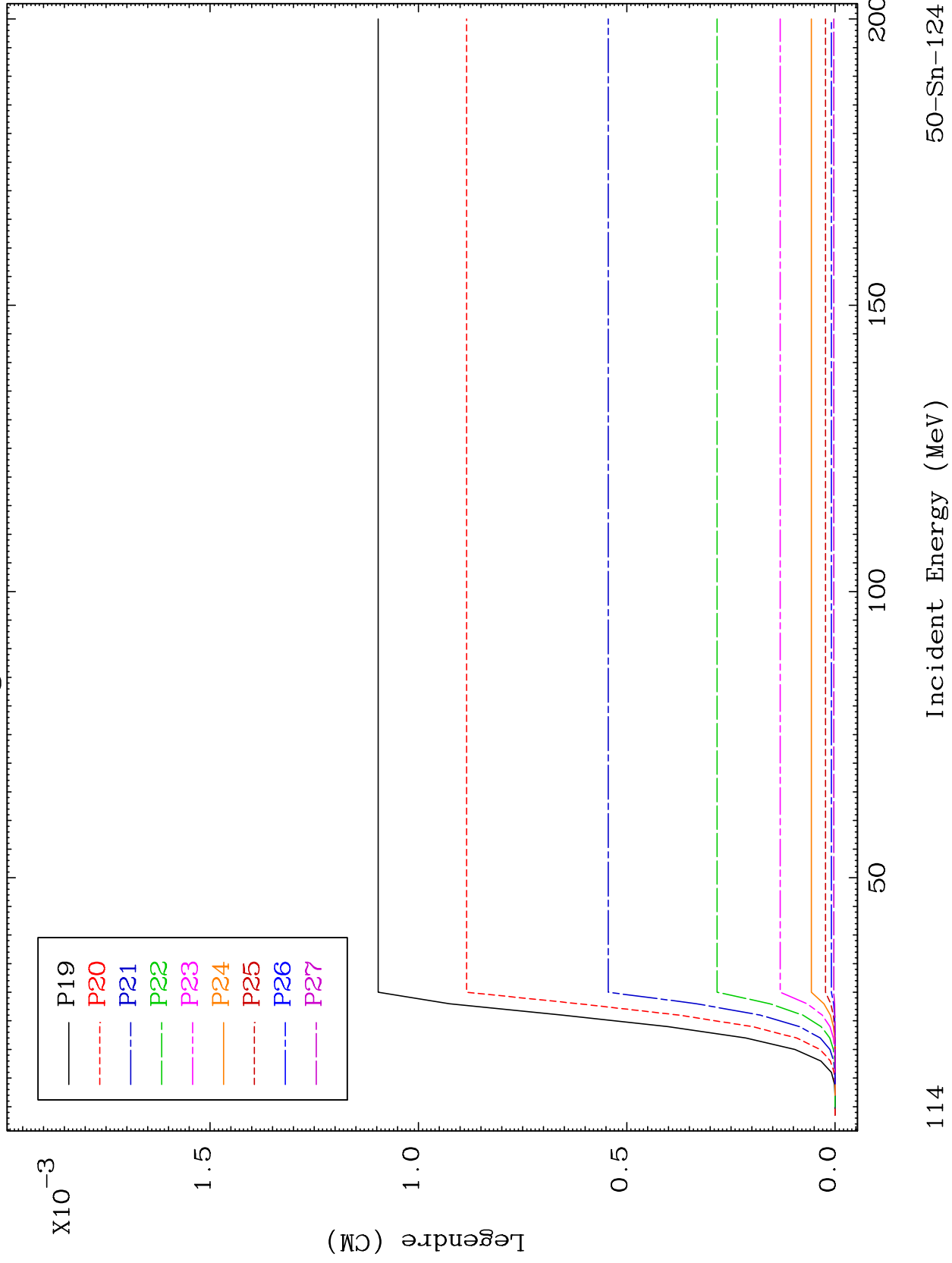




MAT 5061

MT= 77 (n,n') Level
Legendre Coefficients

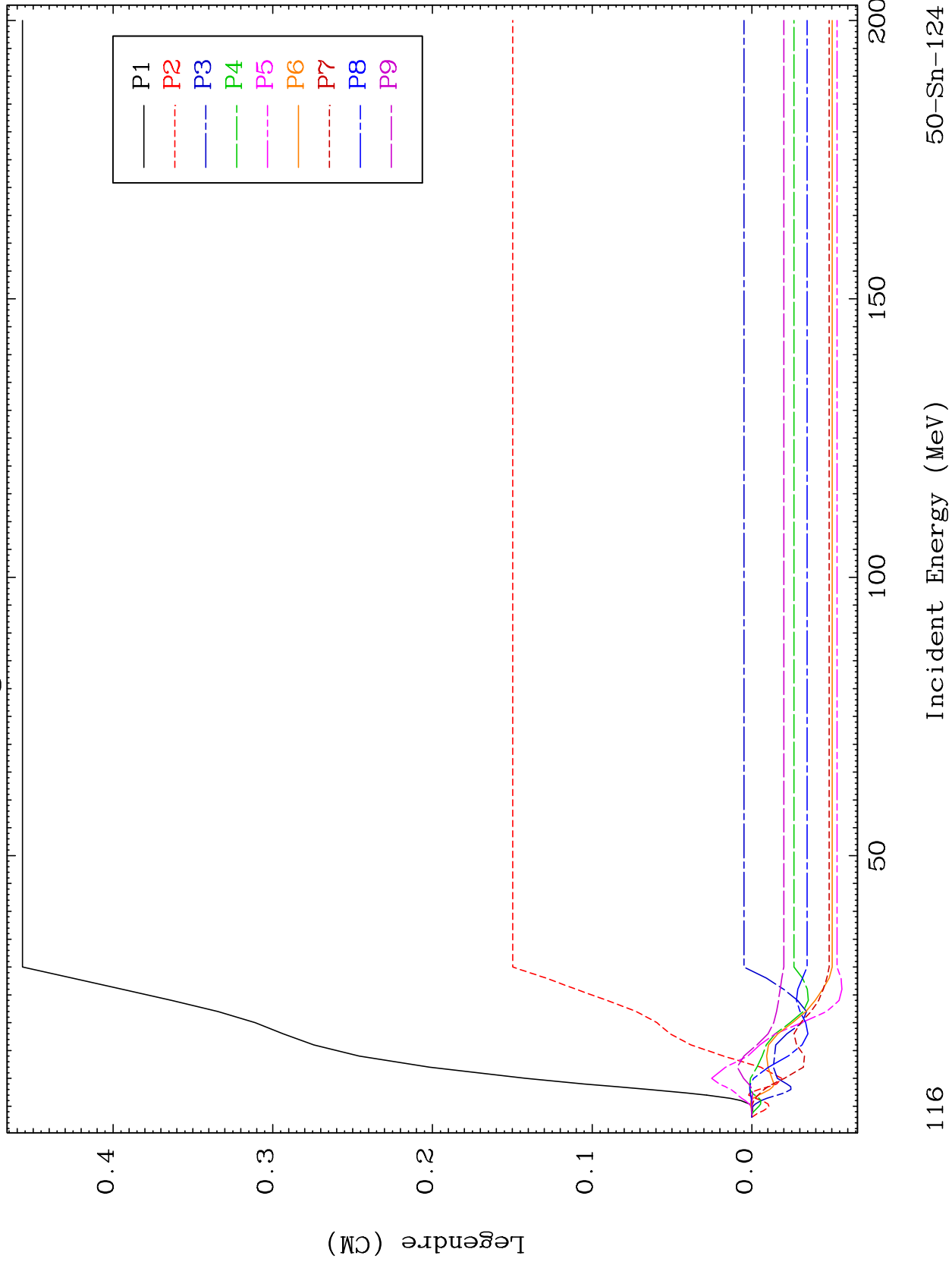
50-Sn-124



MAT 5061

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

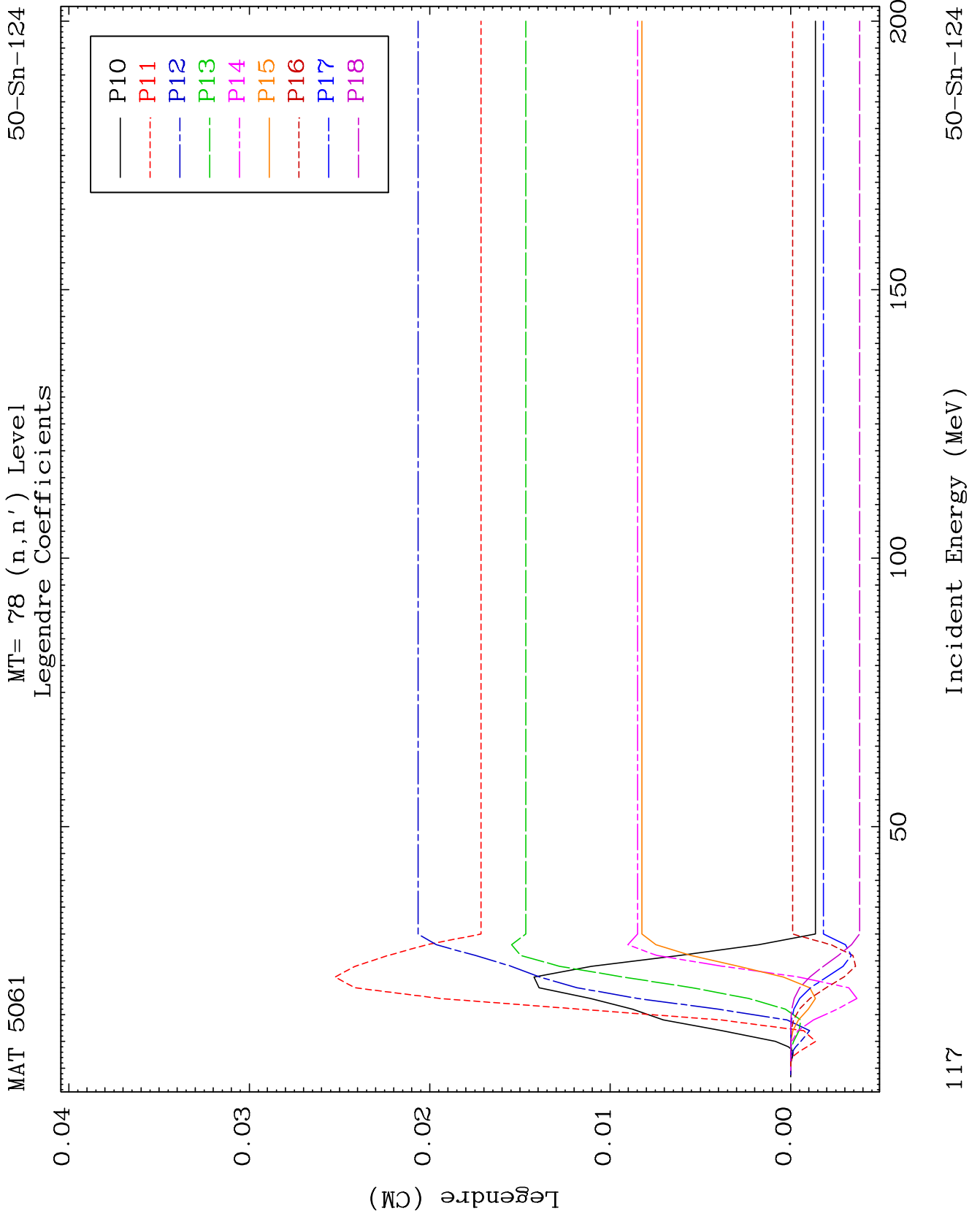
50-Sn-124

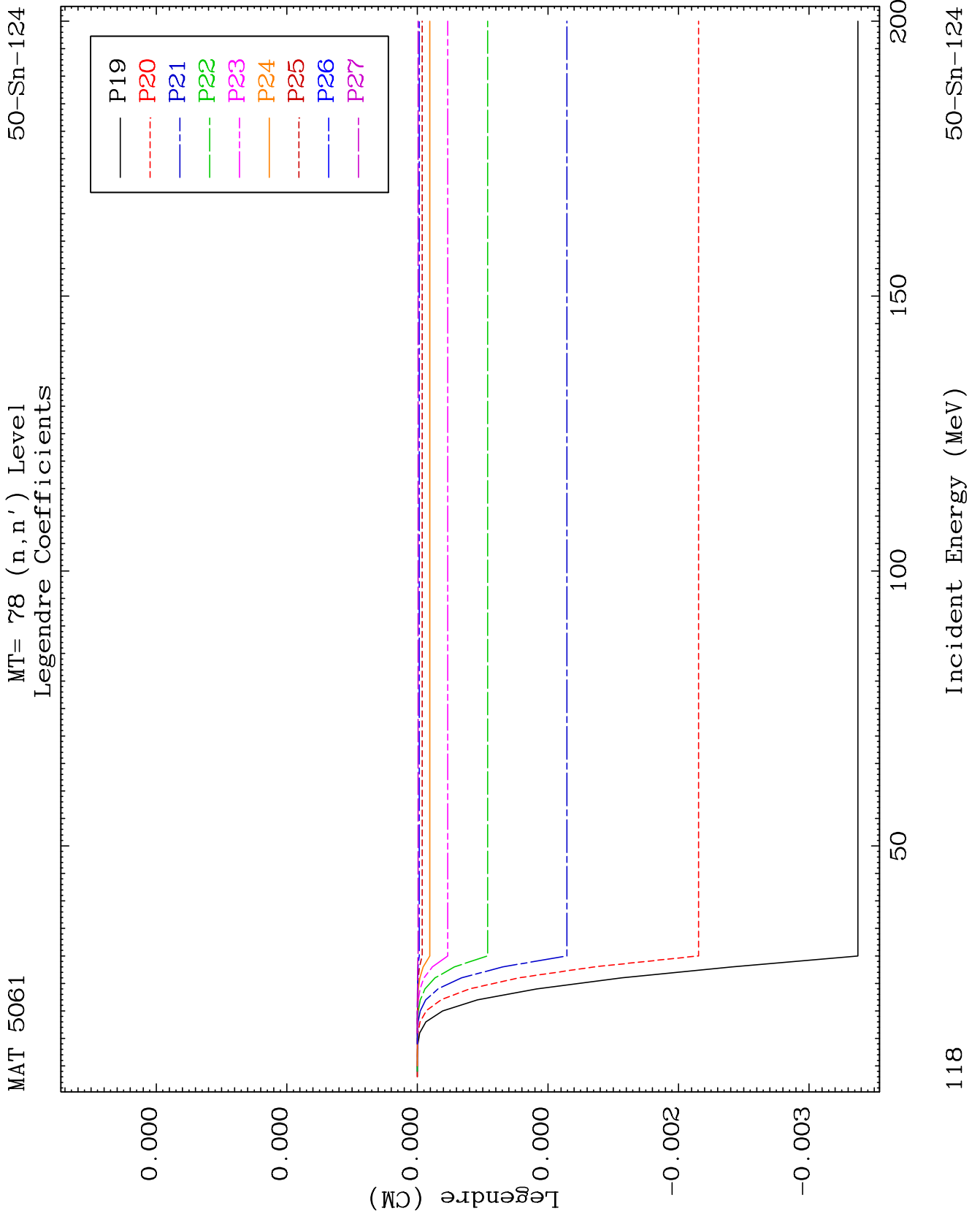


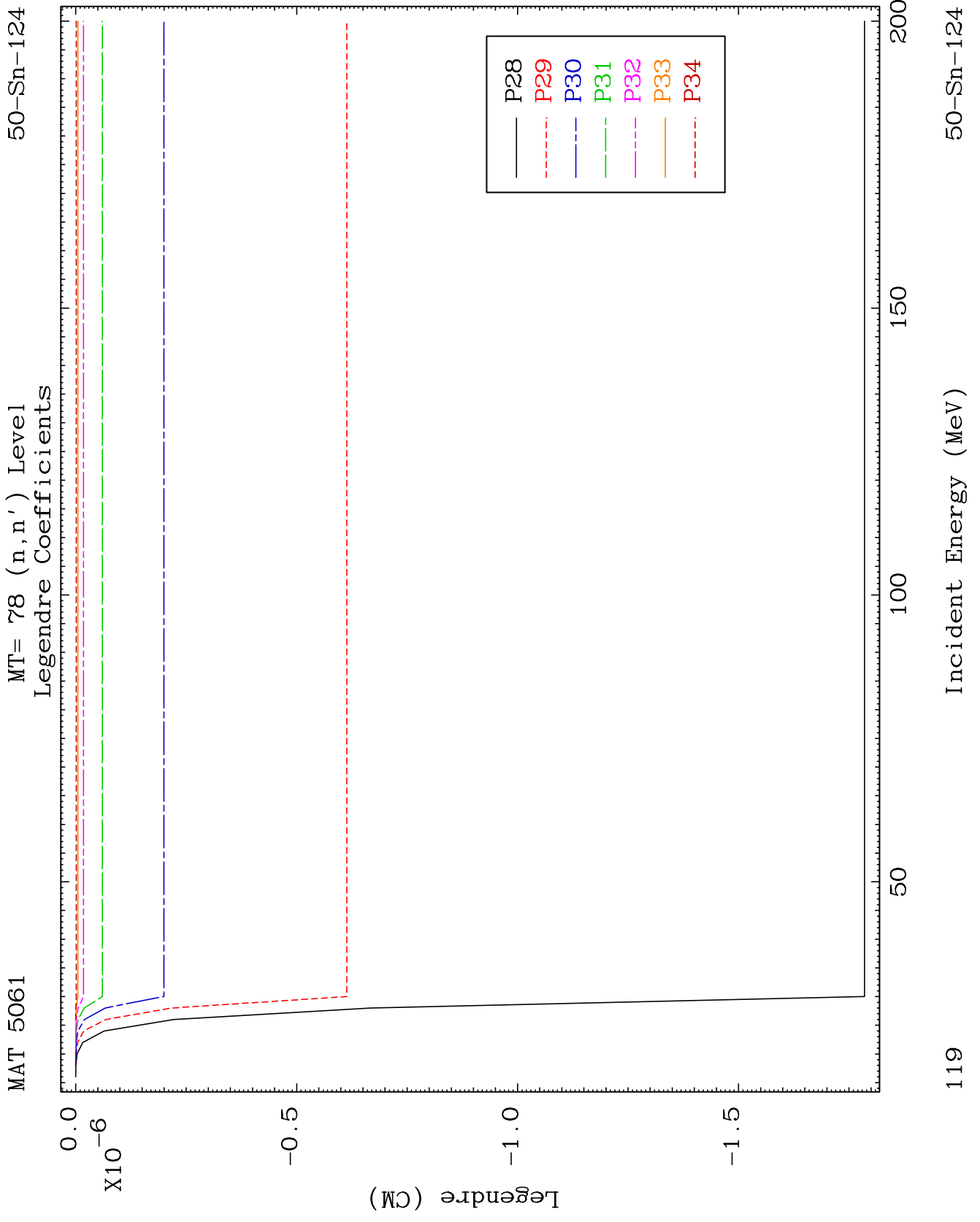
116

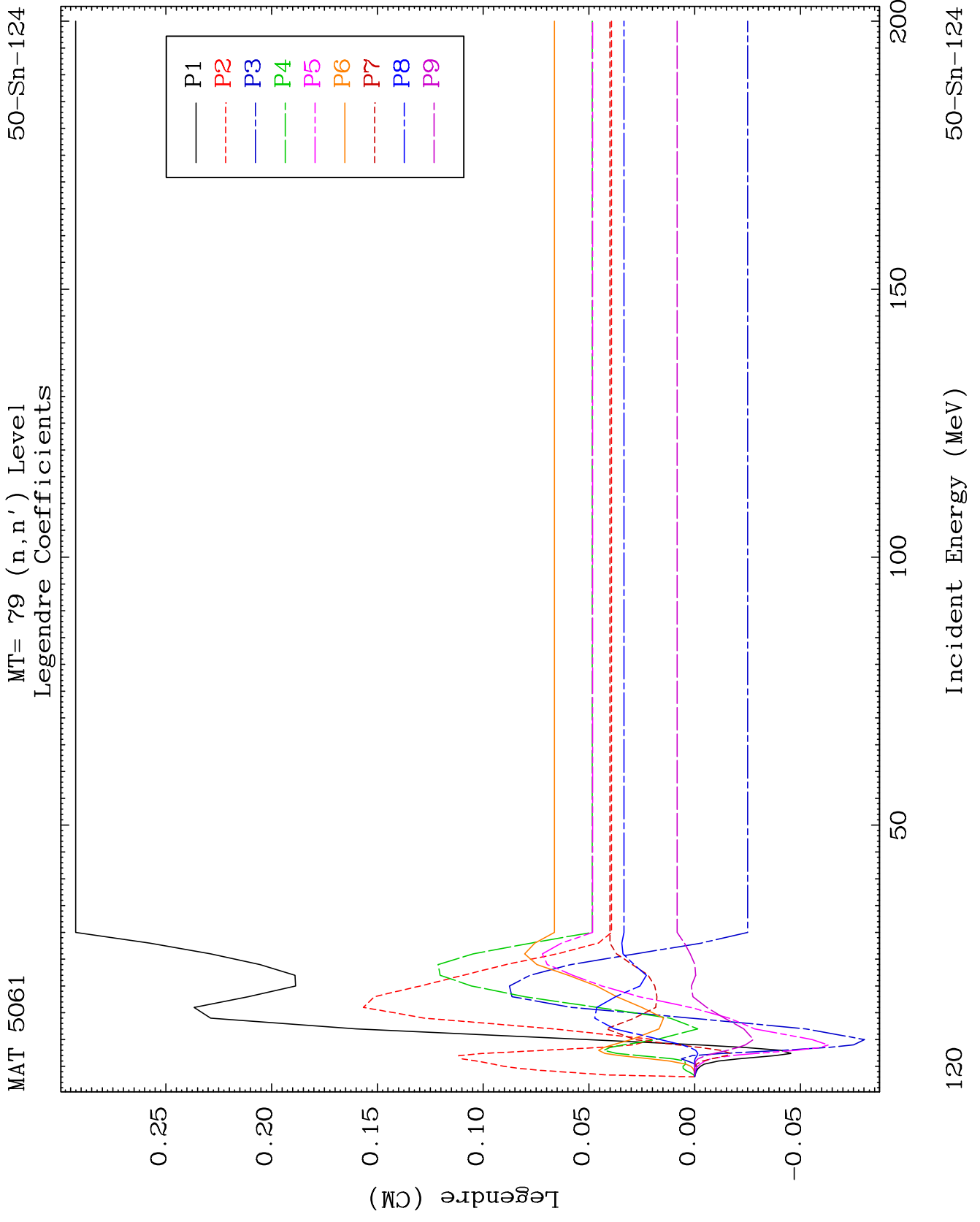
Incident Energy (MeV)

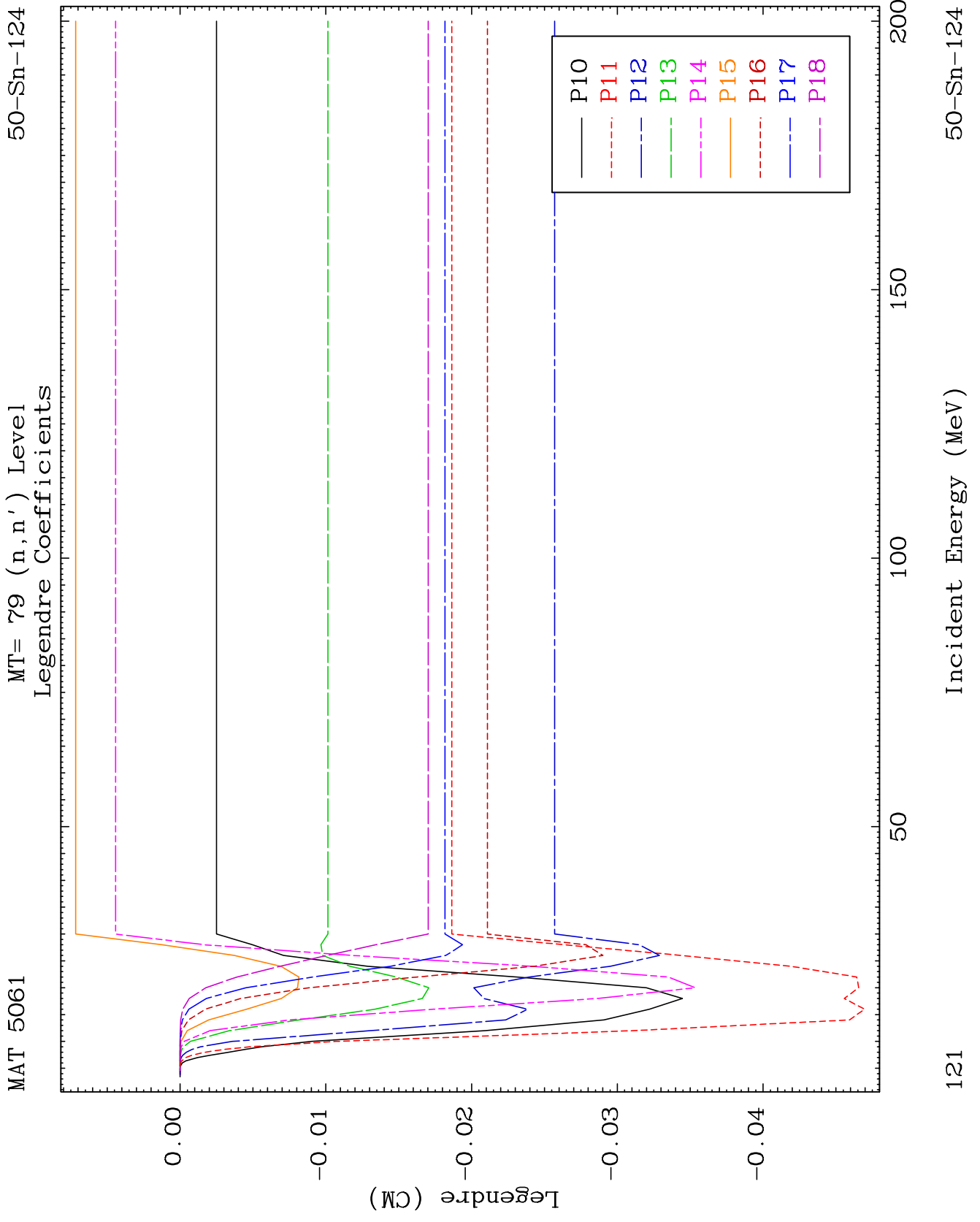
50-Sn-124

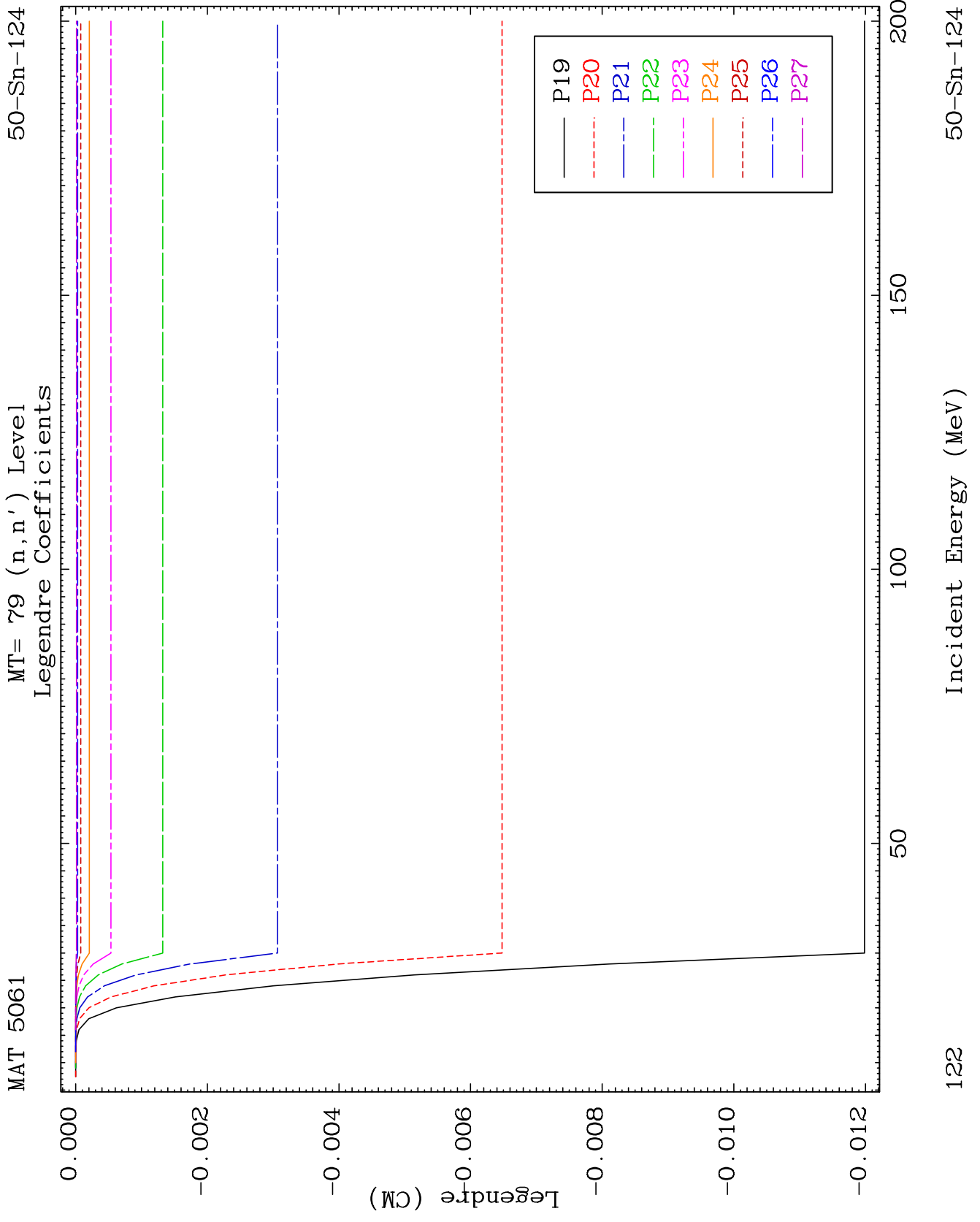


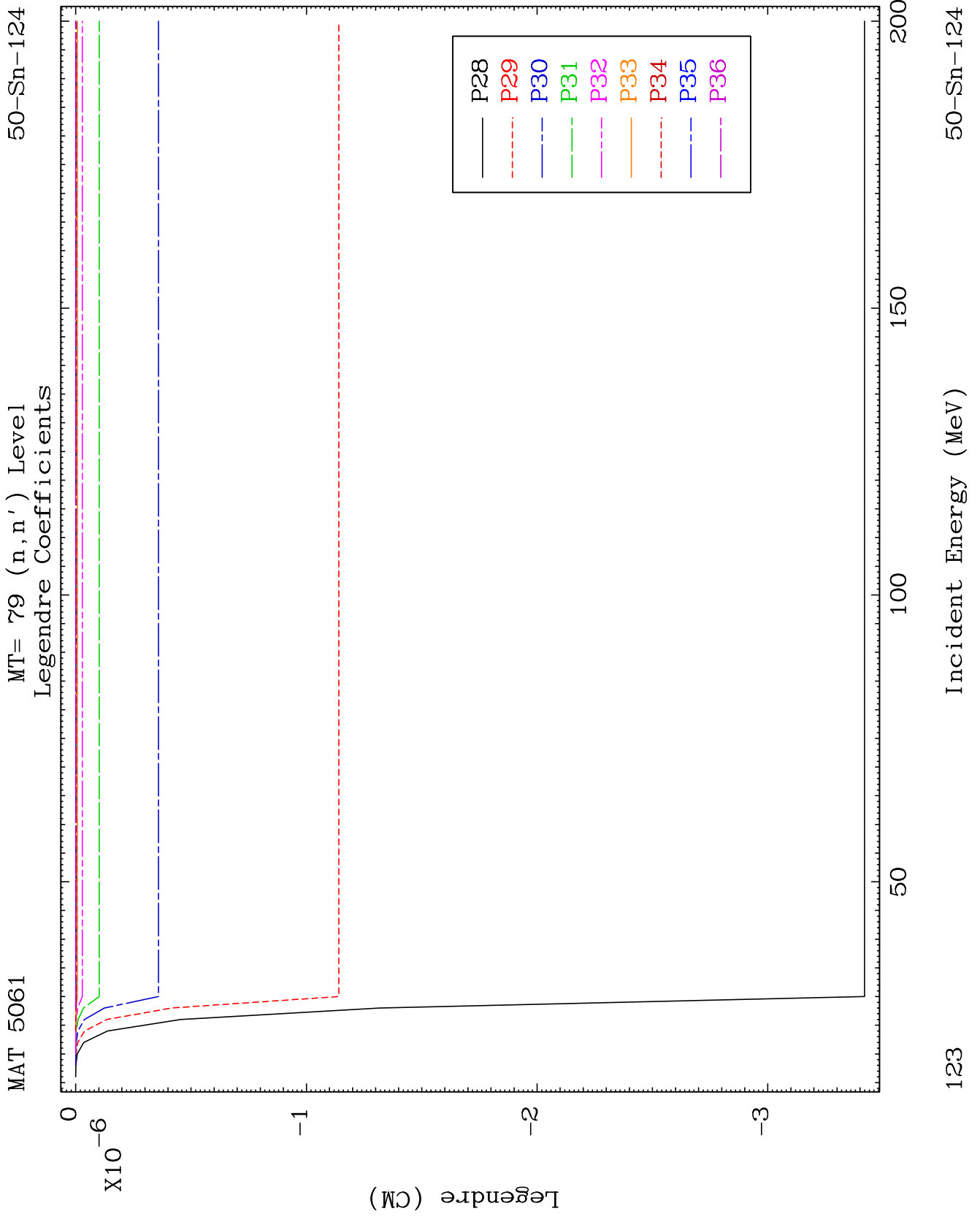


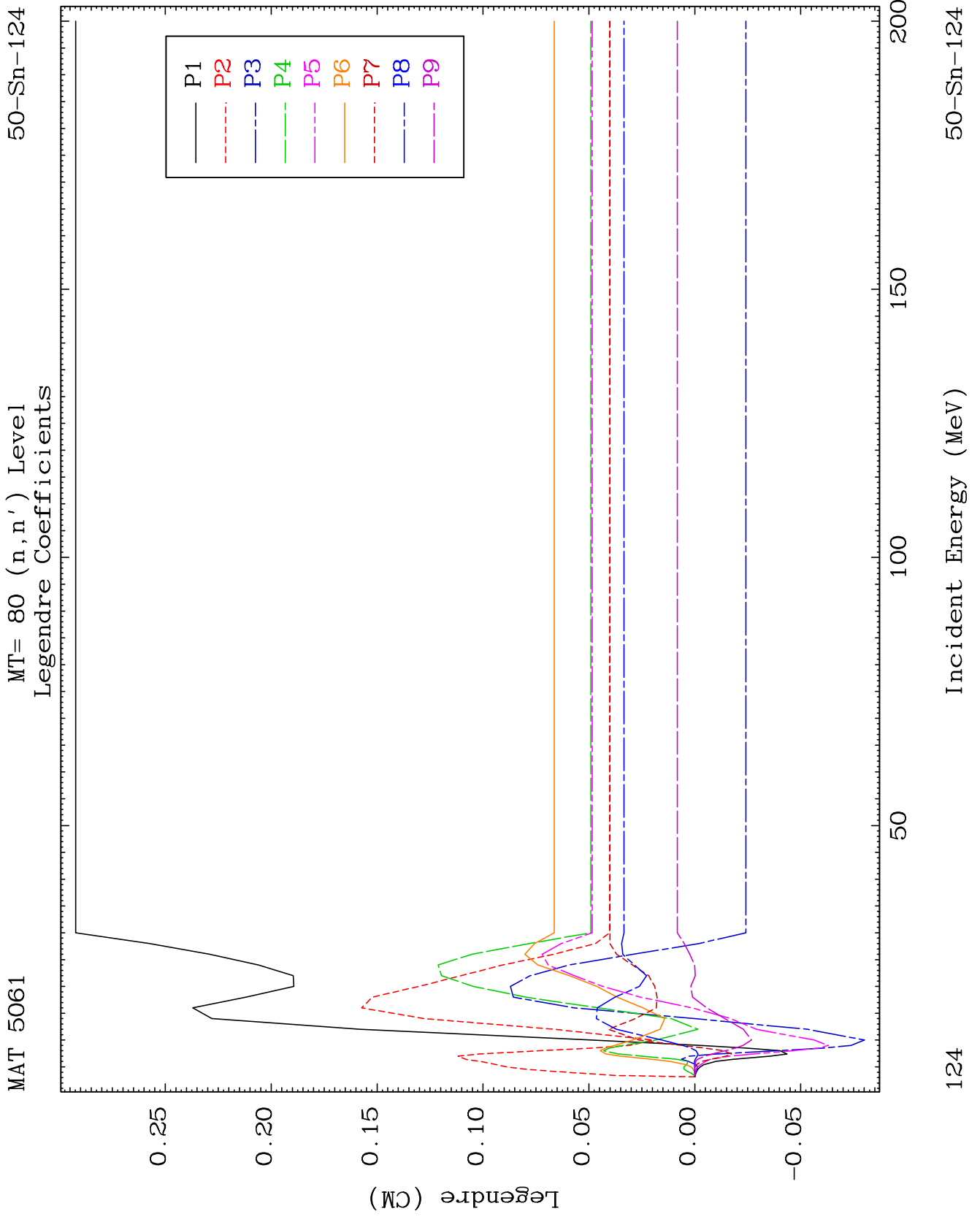


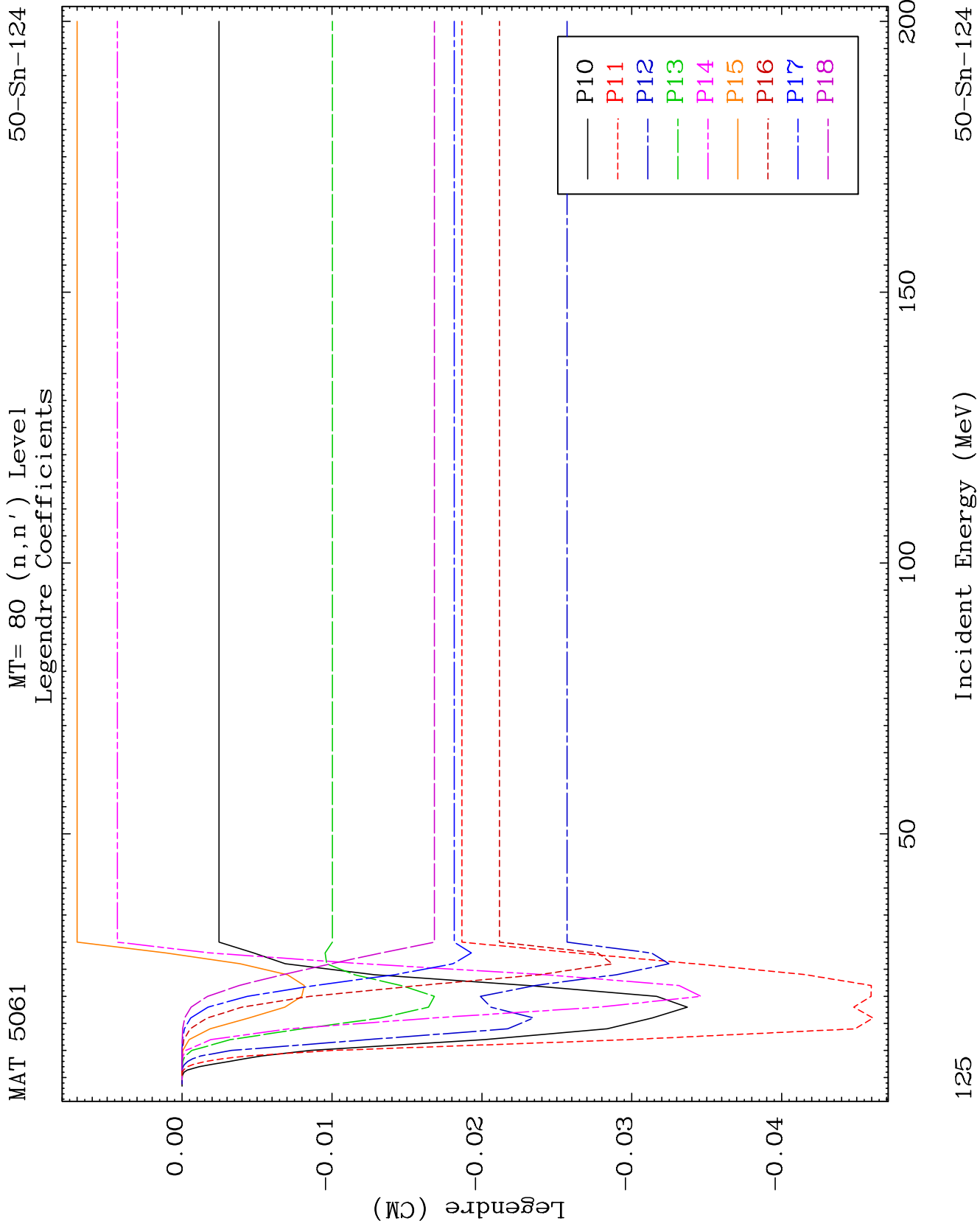


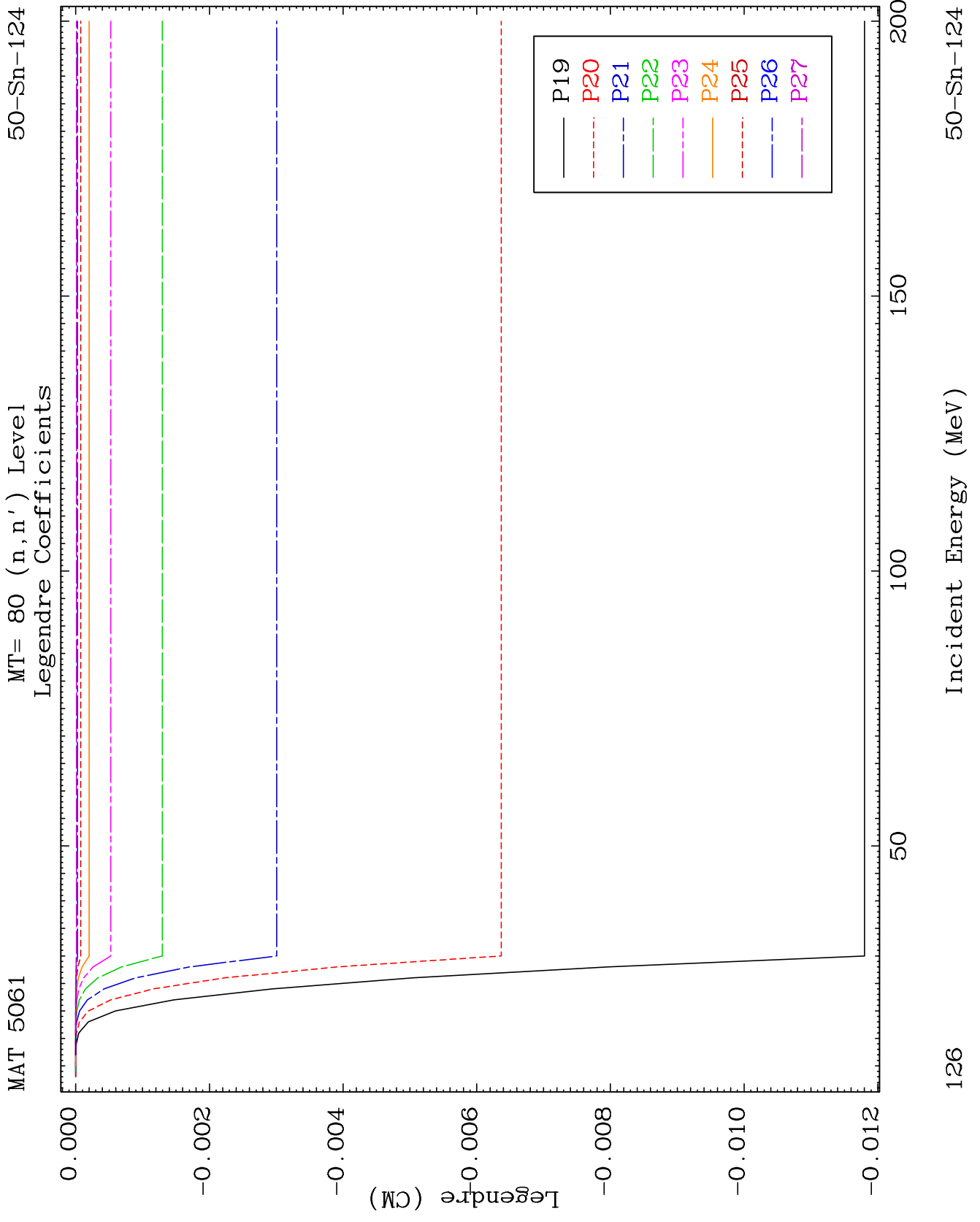


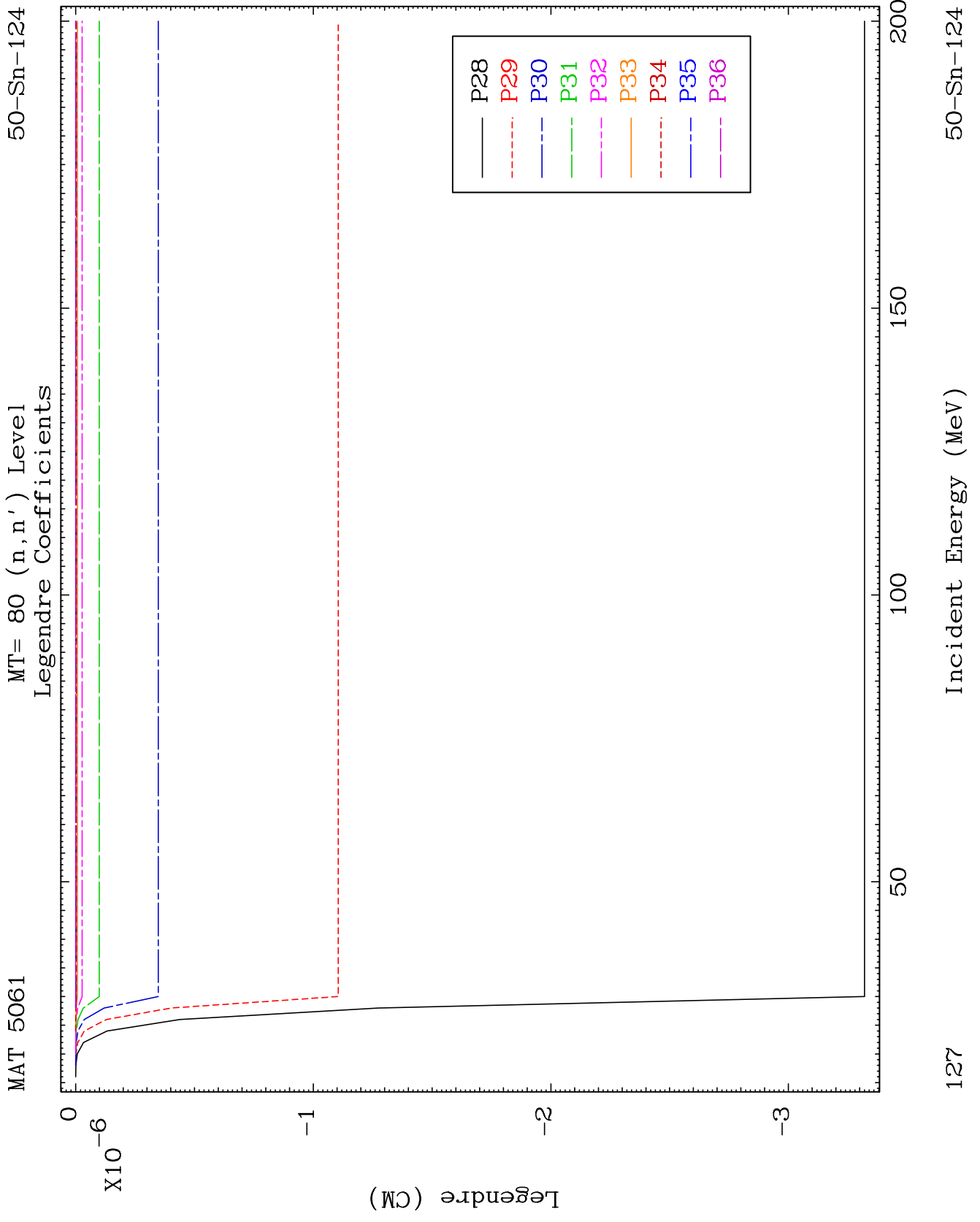




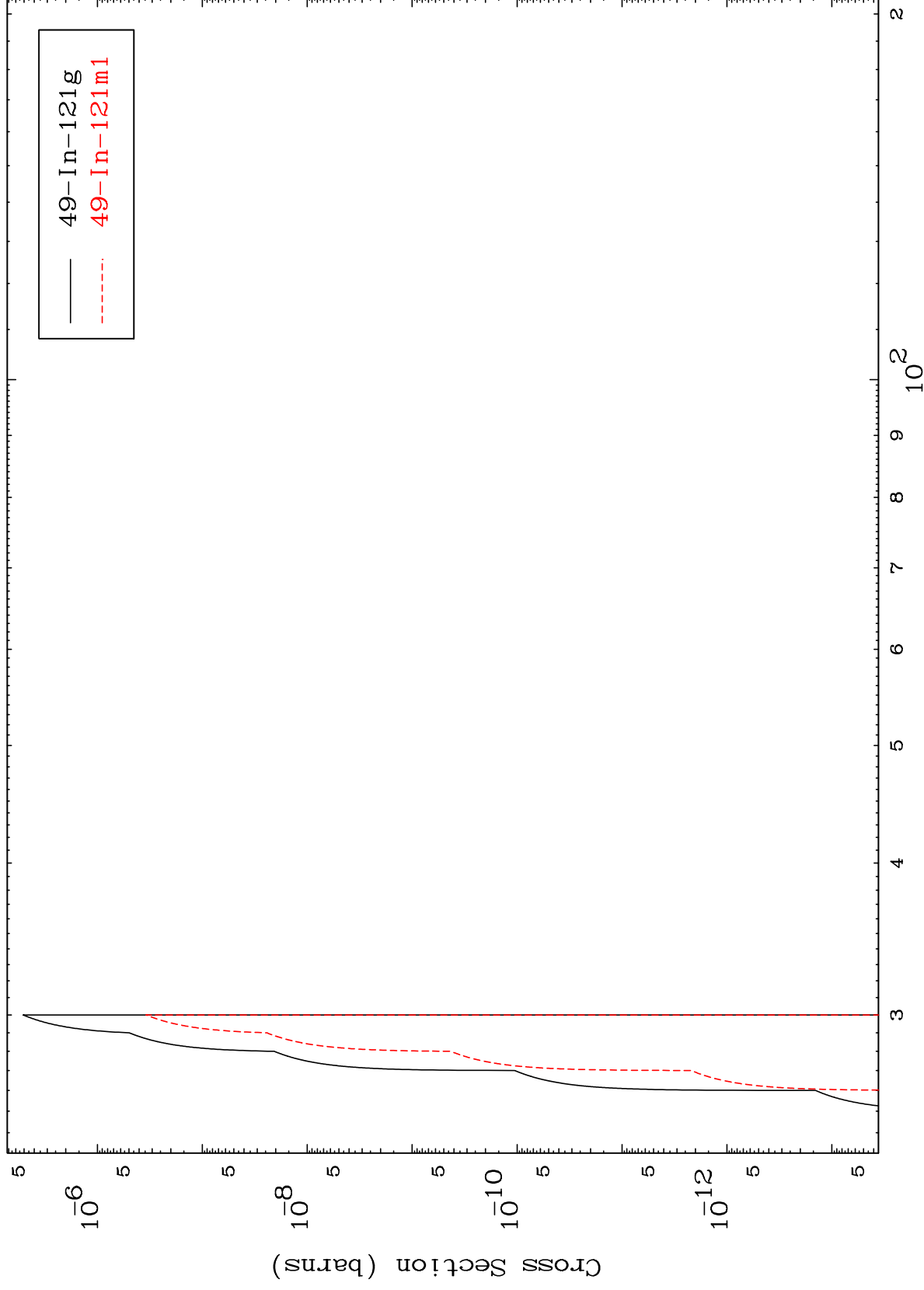


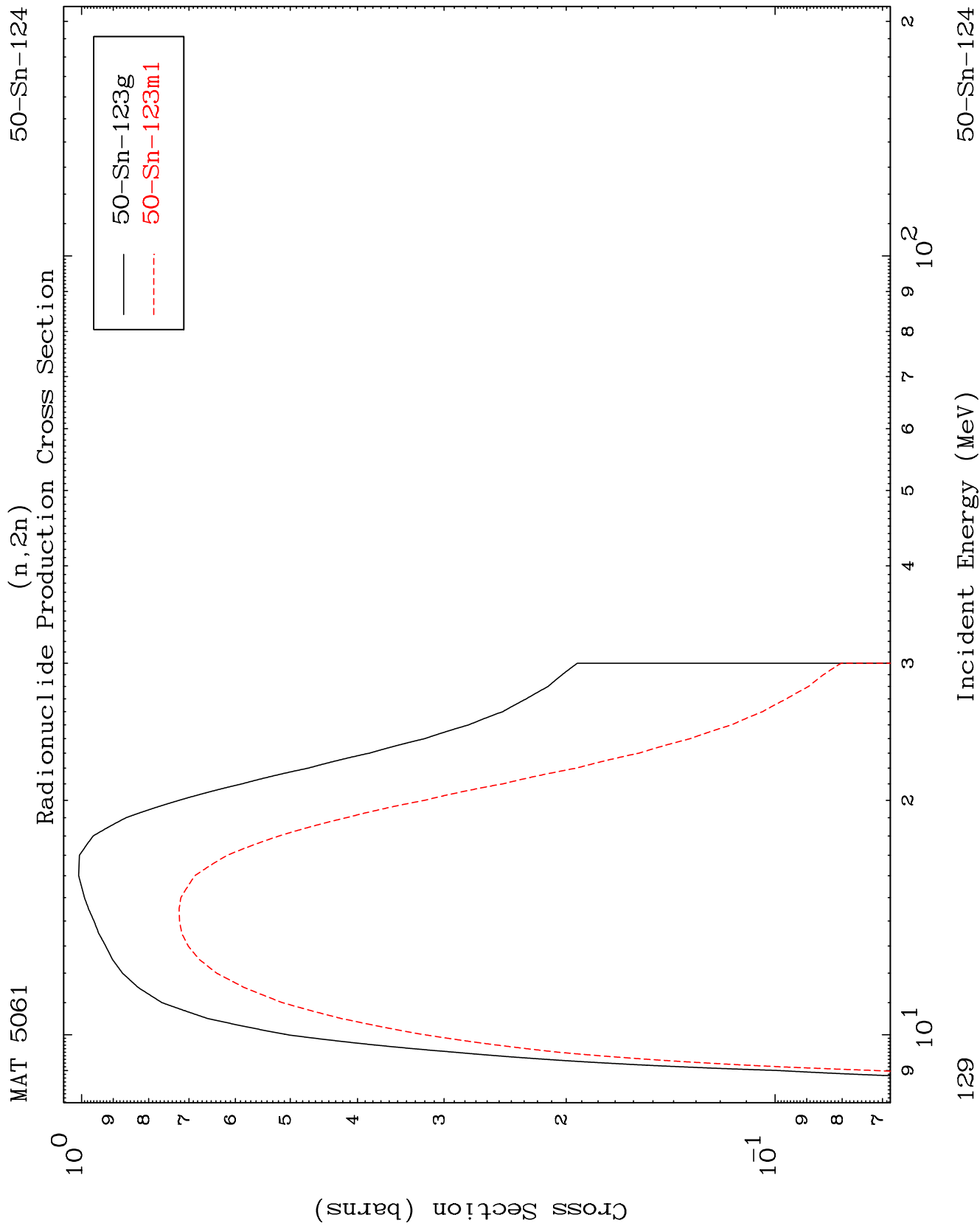






Radionuclide Production Cross Section

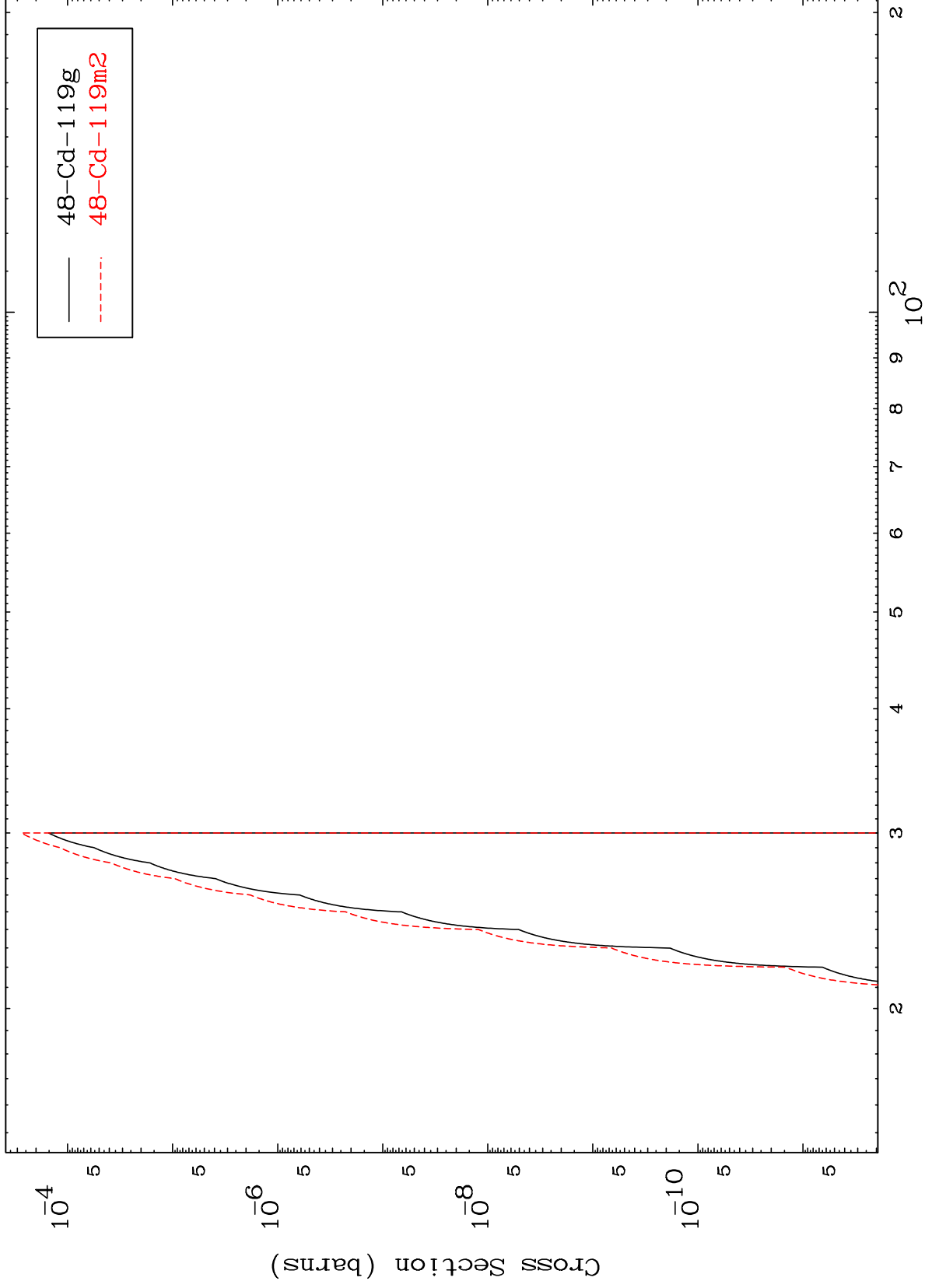




MAT 5061

50-Sn-124

$(n,2n) \alpha$
Radionuclide Production Cross Section



50-Sn-124

Incident Energy (MeV)

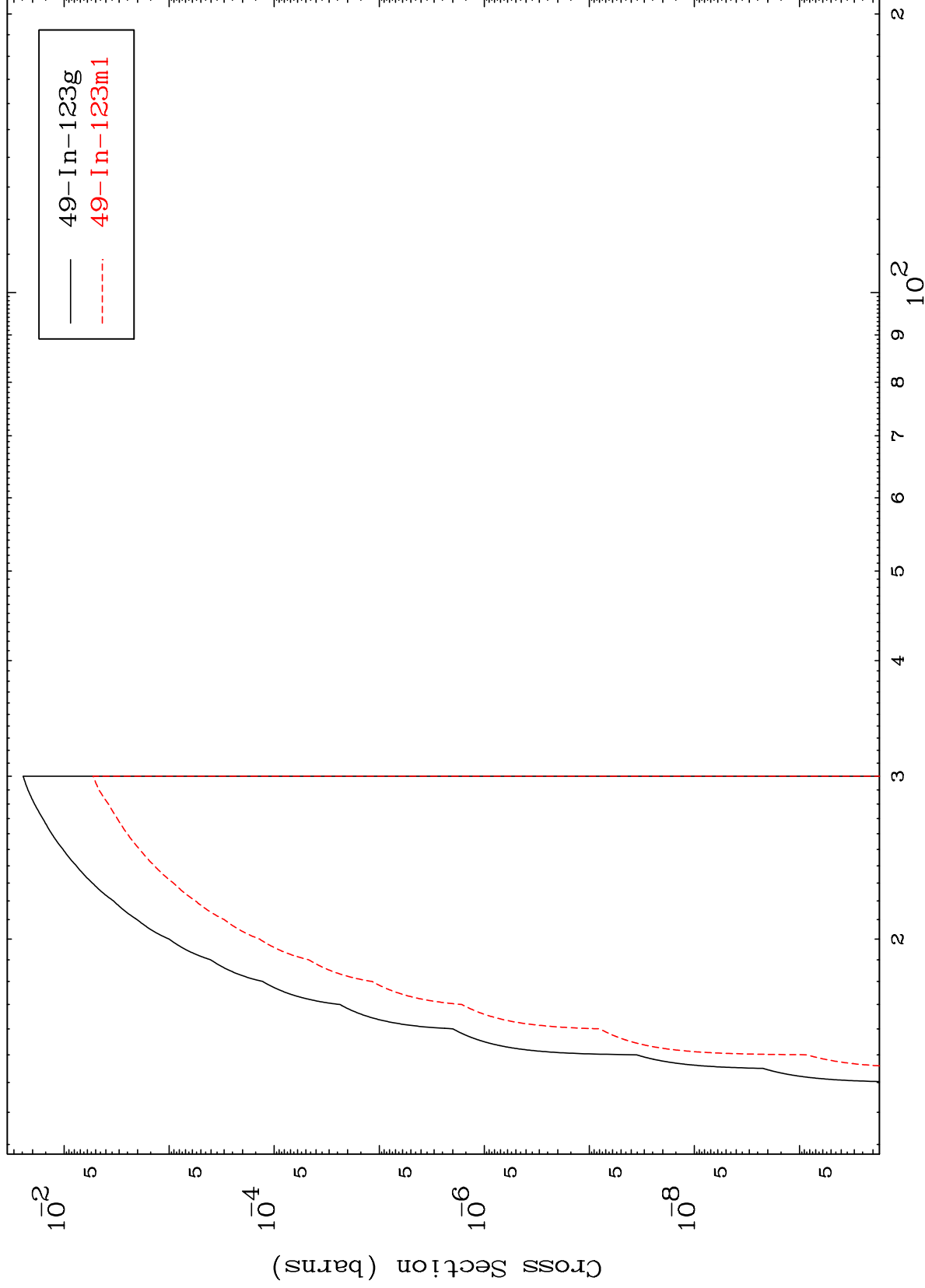
130

MAT 5061

(n,n') p

50-Sn-124

Radionuclide Production Cross Section



131

Incident Energy (MeV)

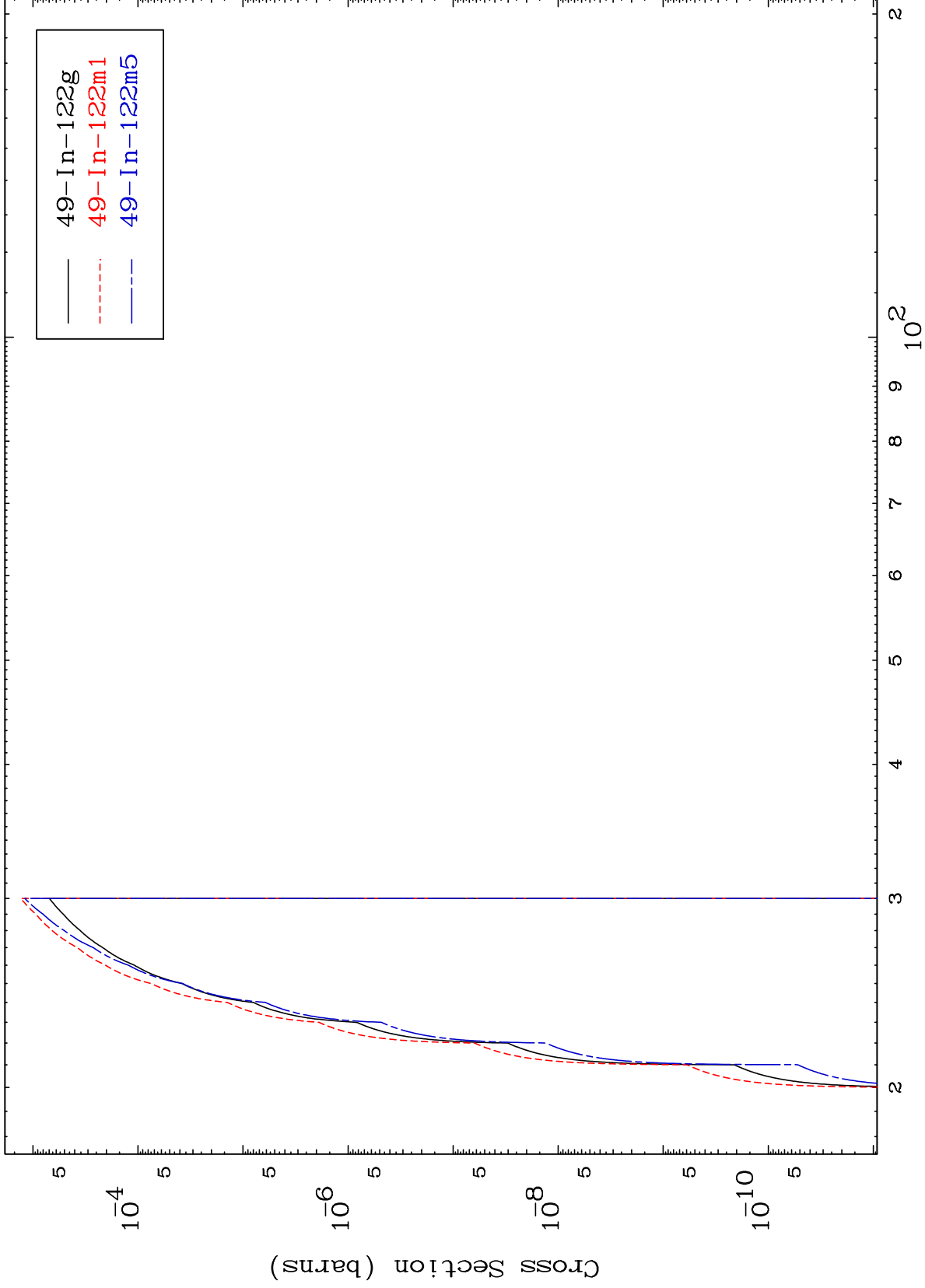
50-Sn-124

MAT 5061

(n,n') d

50-Sn-124

Radionuclide Production Cross Section



132

Incident Energy (MeV)

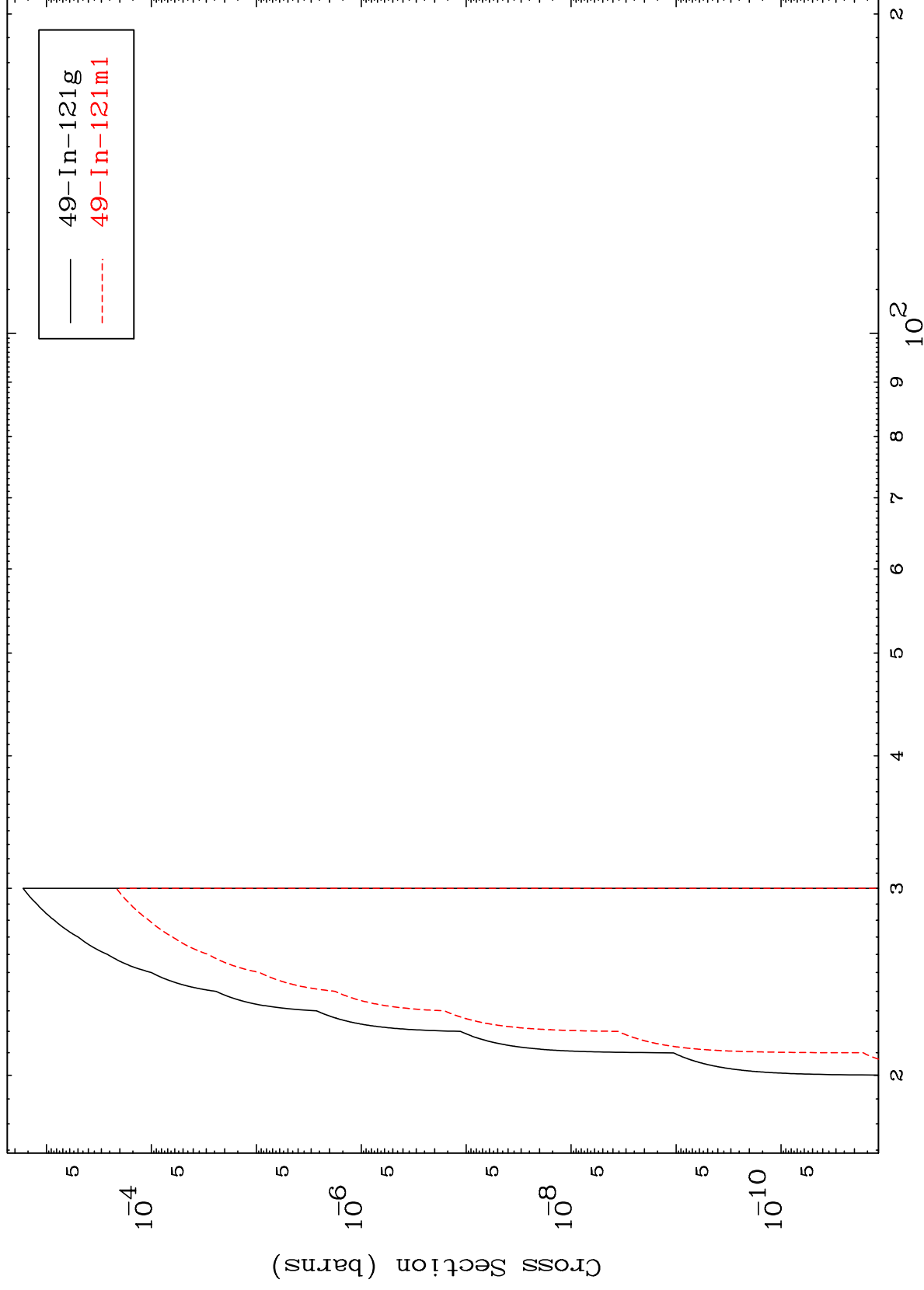
50-Sn-124

MAT 5061

(n,n') t

50-Sn-124

Radionuclide Production Cross Section



133

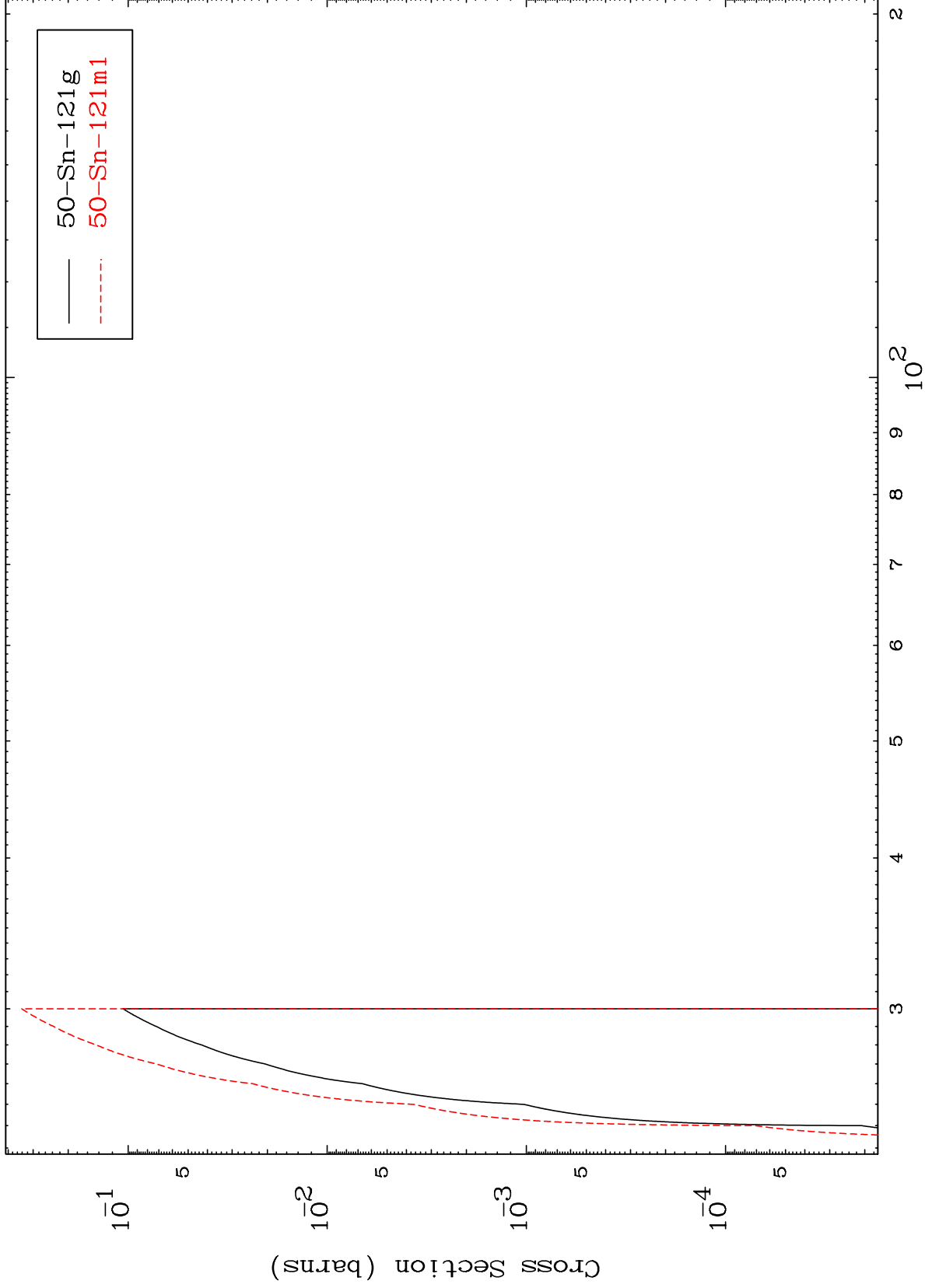
Incident Energy (MeV)

50-Sn-124

MAT 5061

50-Sn-124

(n,4n)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

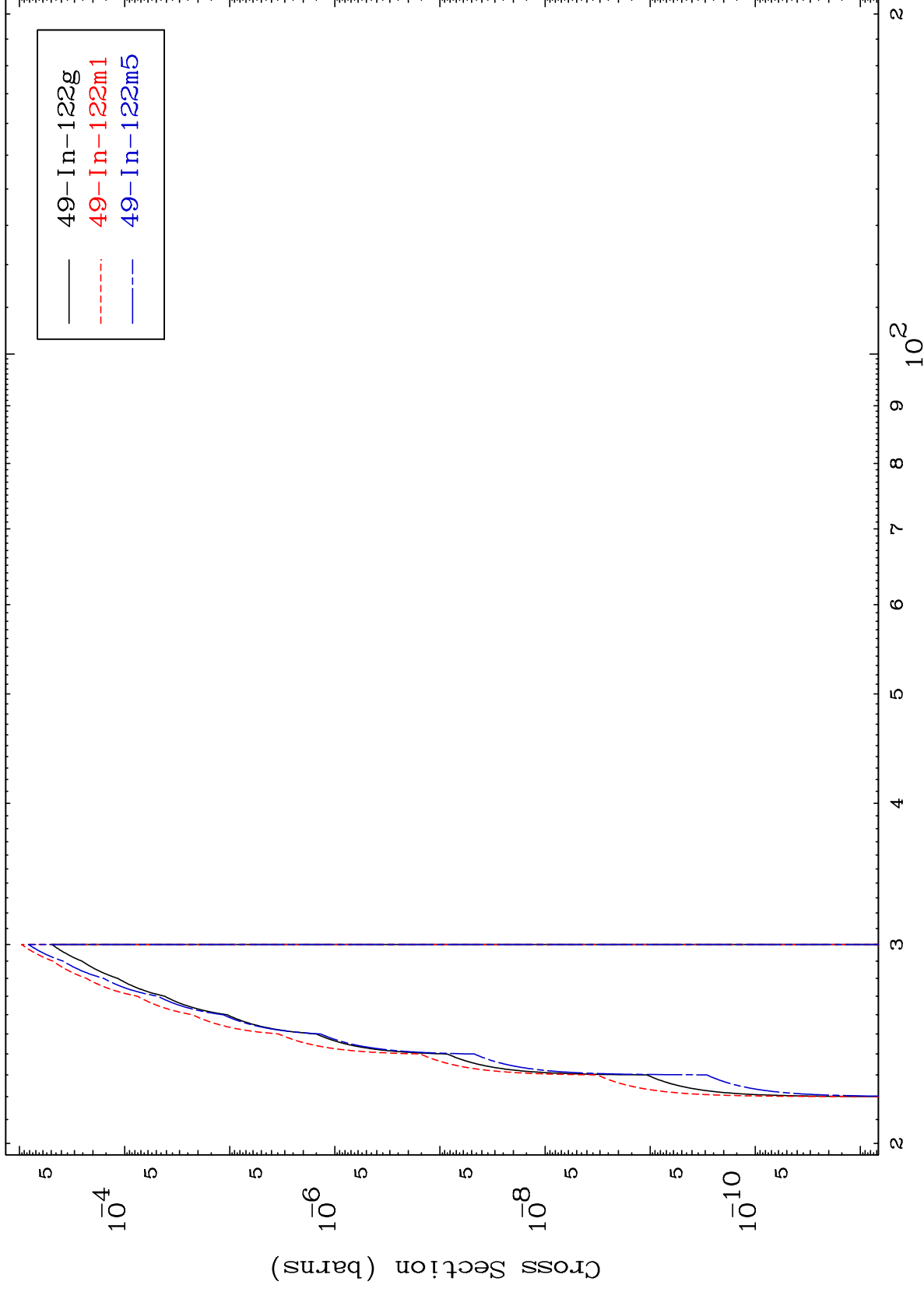
50-Sn-124

MAT 5061

(n,2n) p

50-Sn-124

Radionuclide Production Cross Section



135

Incident Energy (MeV)

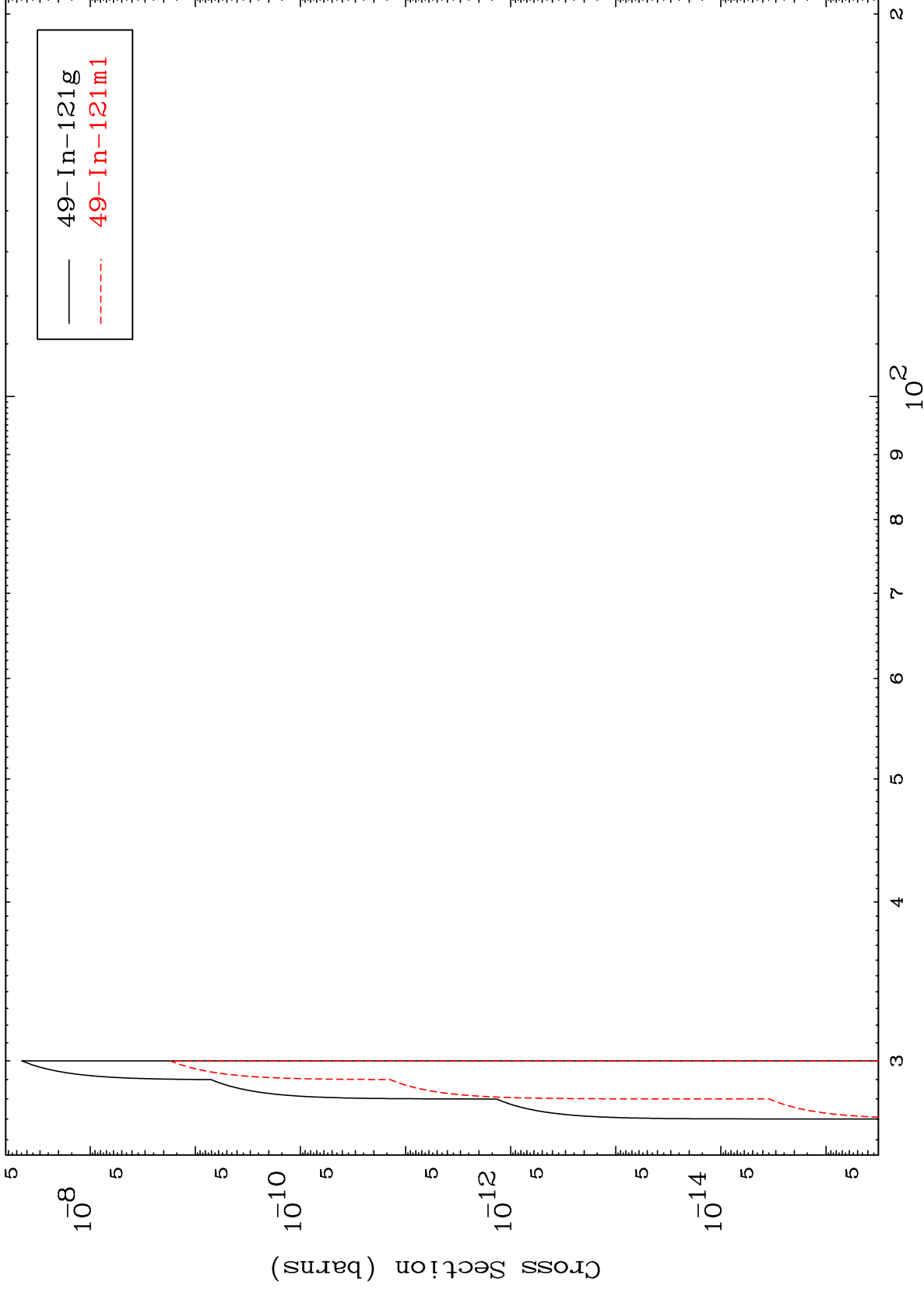
50-Sn-124

MAT 5061

(n,3n) p

50-Sn-124

Radionuclide Production Cross Section



136

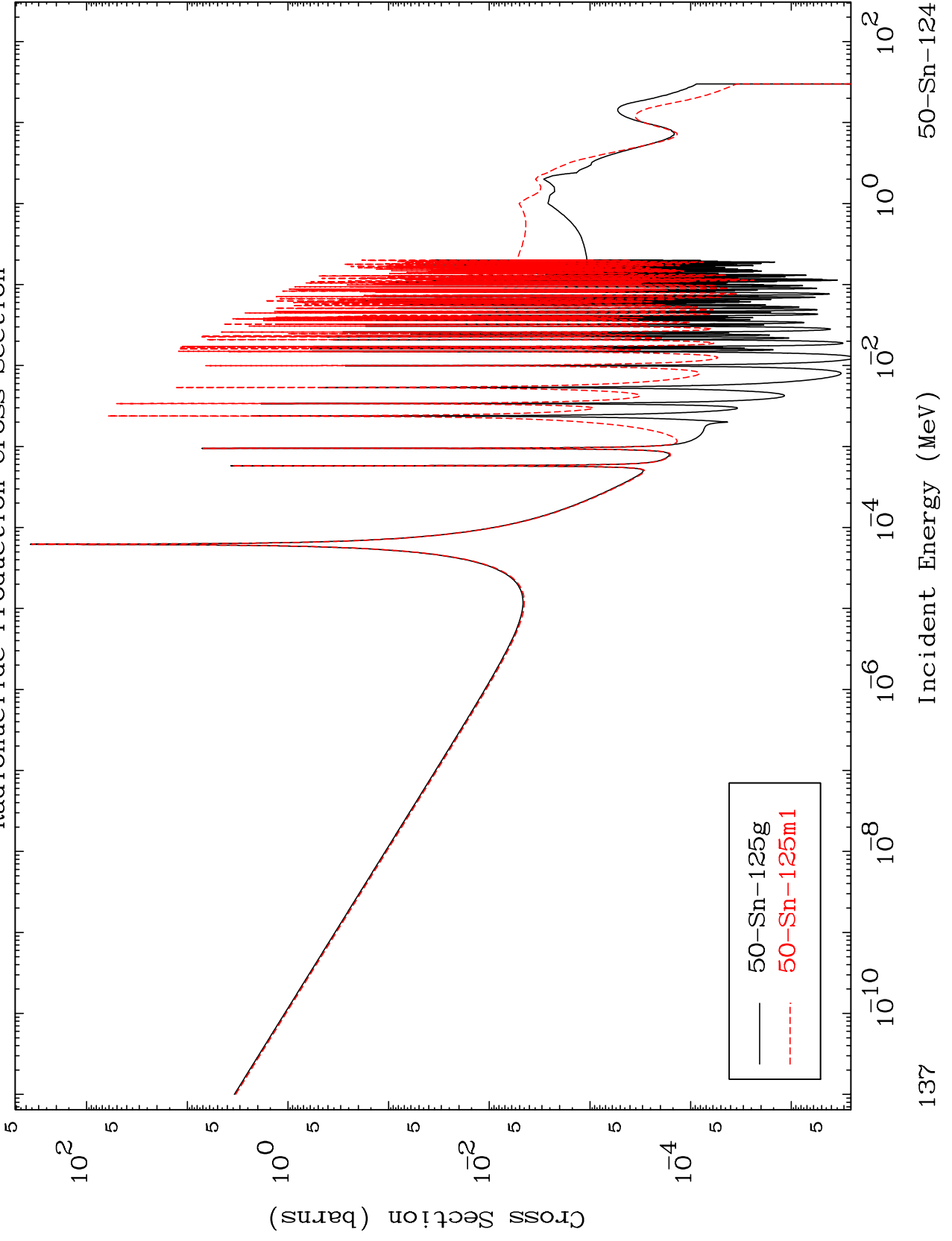
Incident Energy (MeV)

50-Sn-124

MAT 5061

50-Sn-124

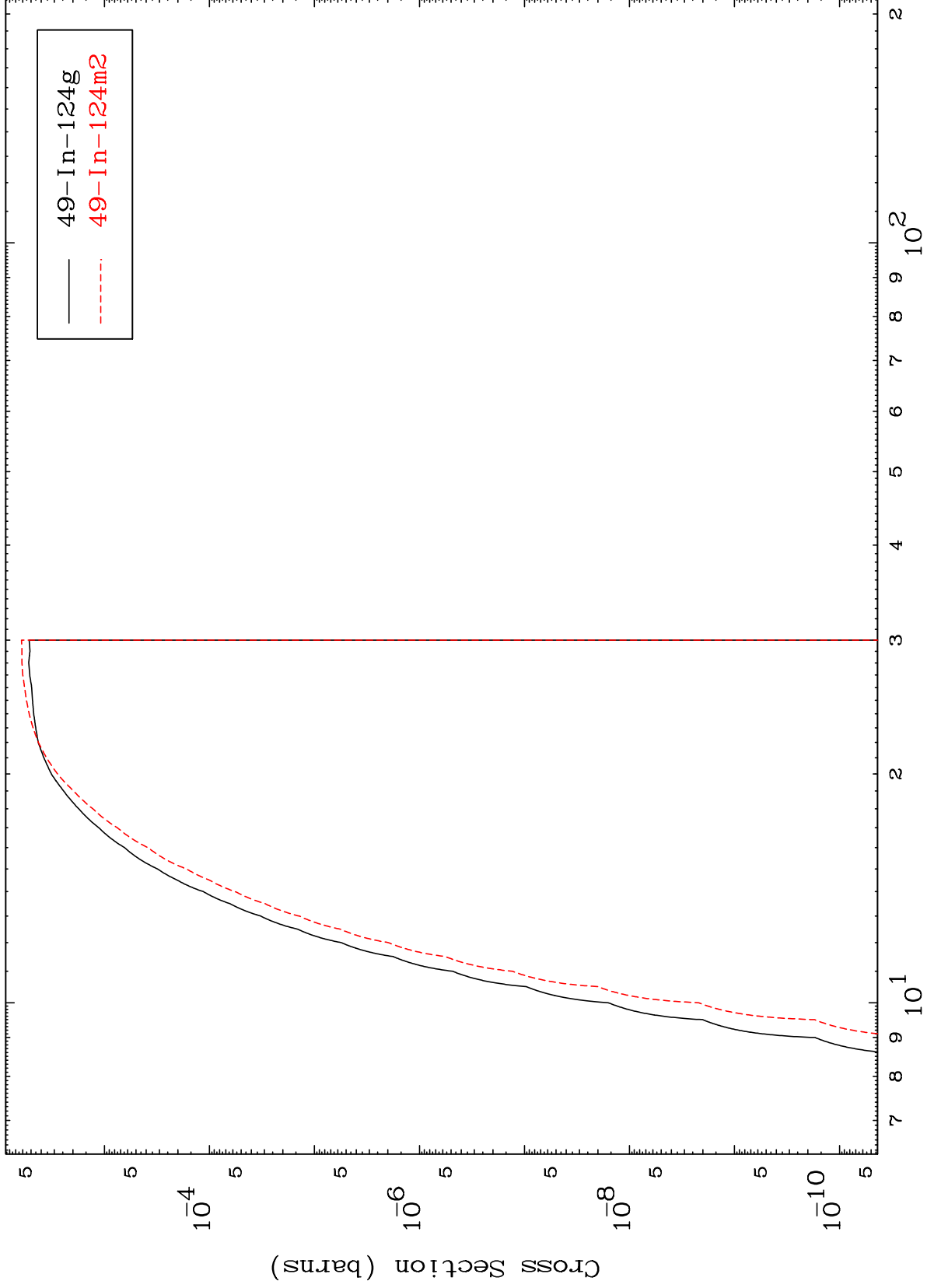
(n, γ)
Radionuclide Production Cross Section



MAT 5061

50-Sn-124

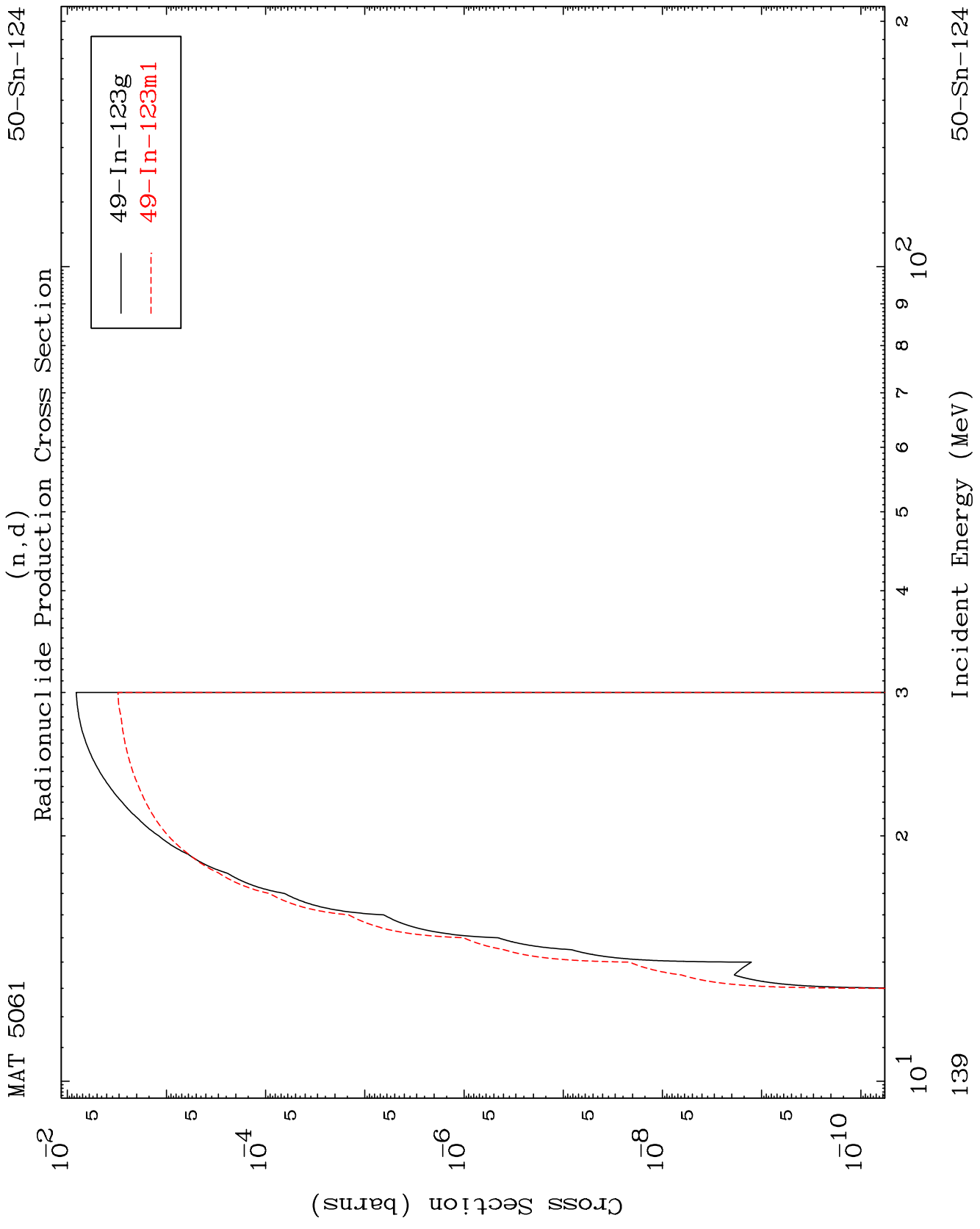
(n,p)
Radionuclide Production Cross Section



50-Sn-124

Incident Energy (MeV)

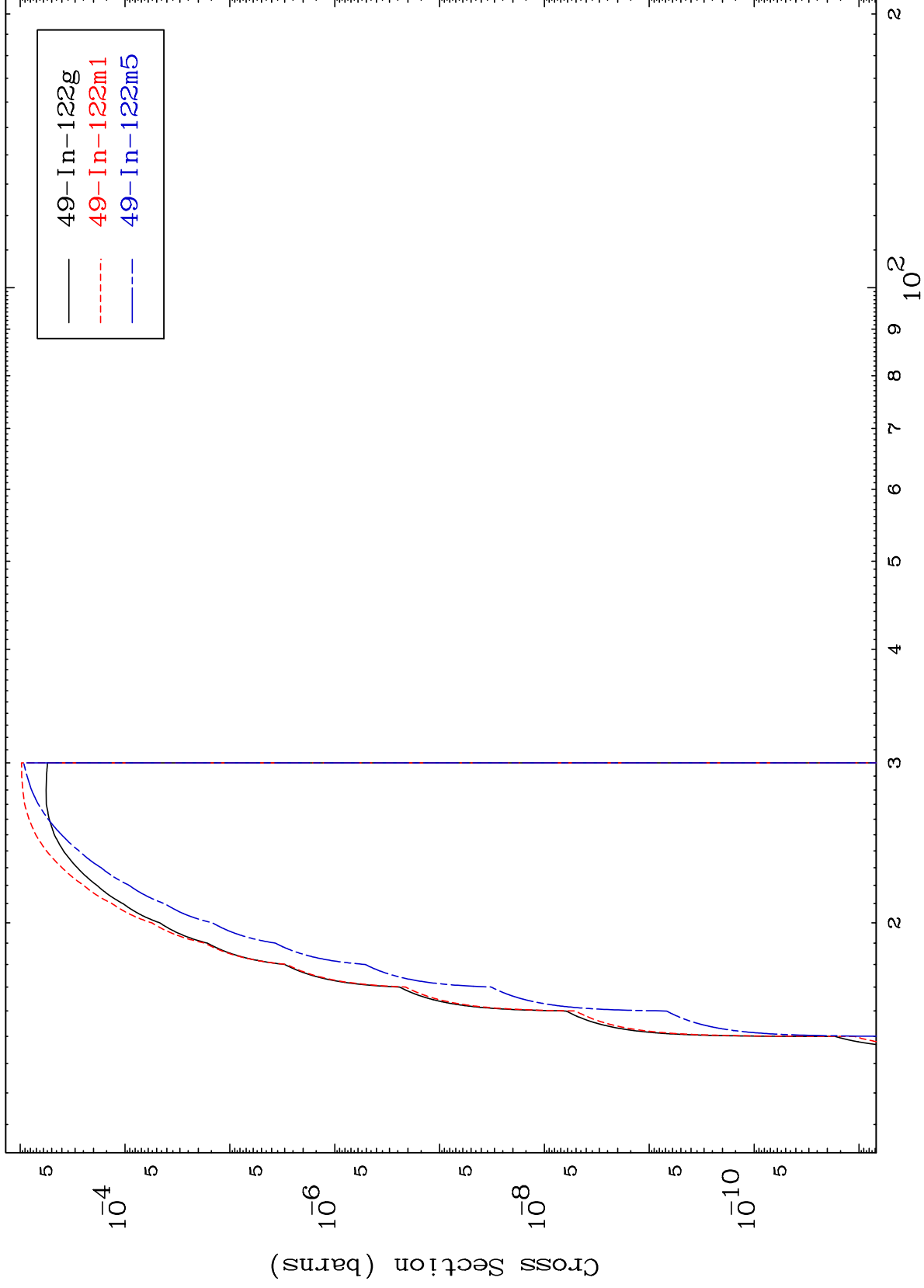
138



MAT 5061

50-Sn-124

(n,t)
Radionuclide Production Cross Section



140

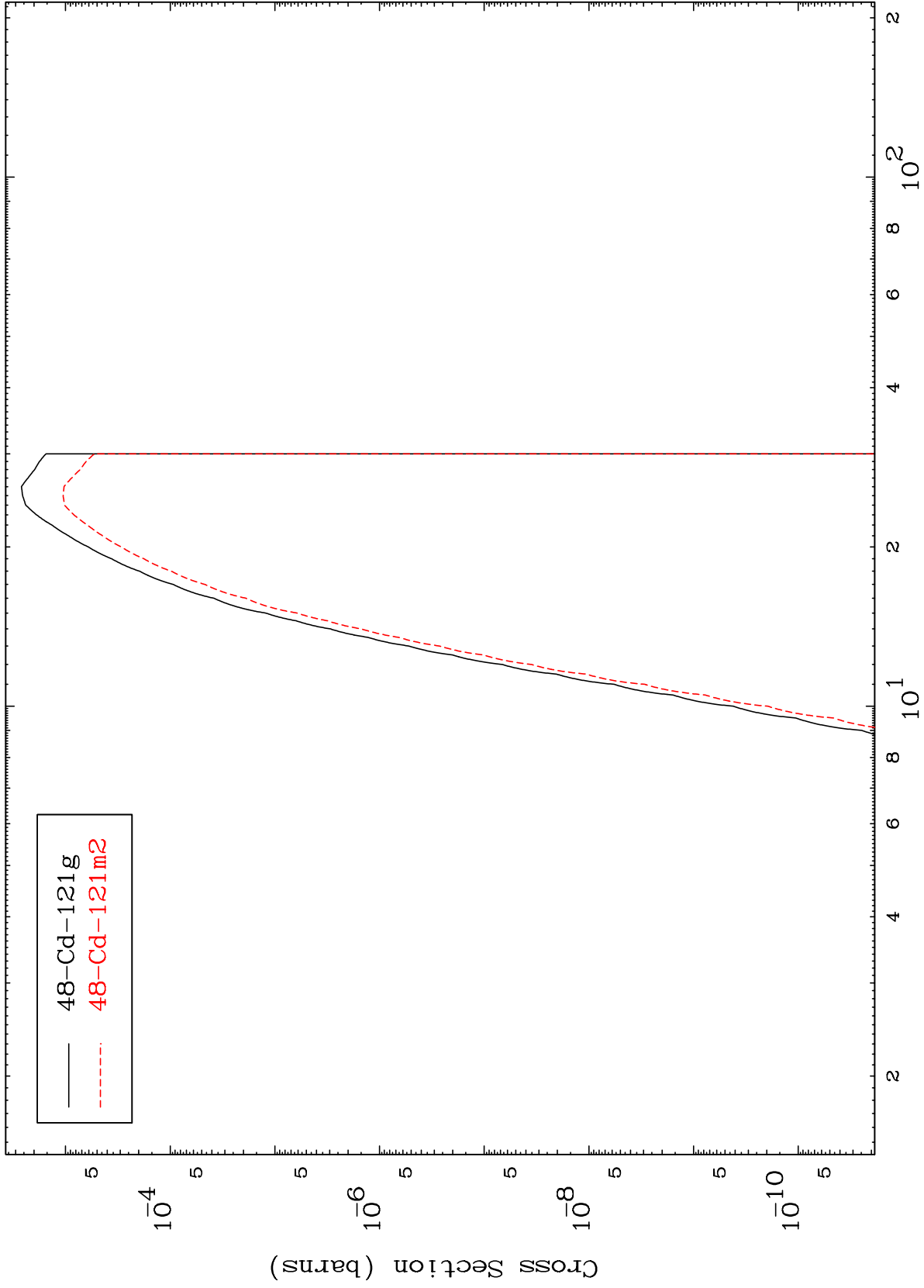
Incident Energy (MeV)

50-Sn-124

MAT 5061

50-Sn-124

(n, α)
Radionuclide Production Cross Section



141

50-Sn-124

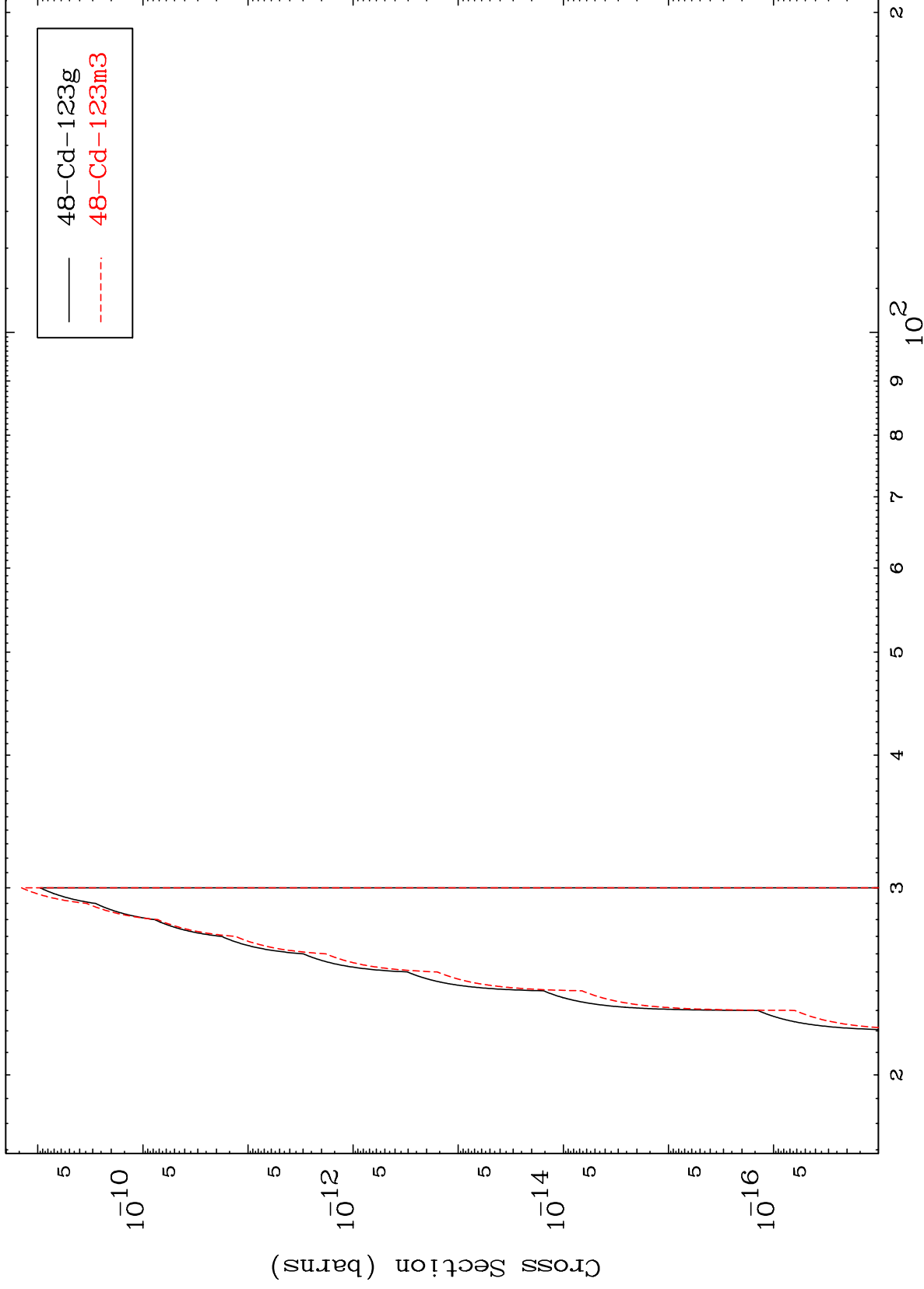
Incident Energy (MeV)

MAT 5061

(n,2p)

50-Sn-124

Radionuclide Production Cross Section



142

Incident Energy (MeV)

50-Sn-124