

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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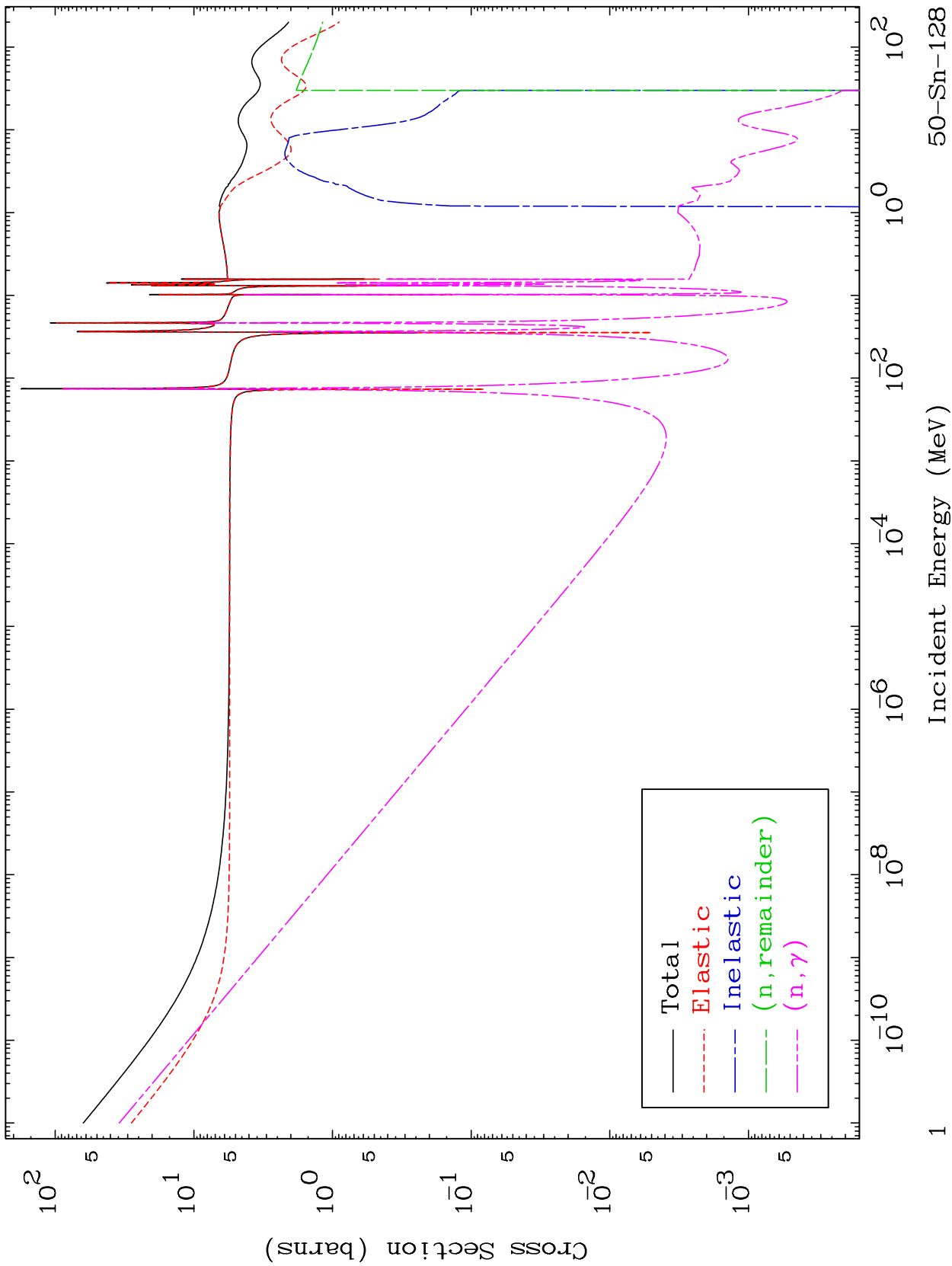
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5073

Major  
293 Kelvin Cross Sections

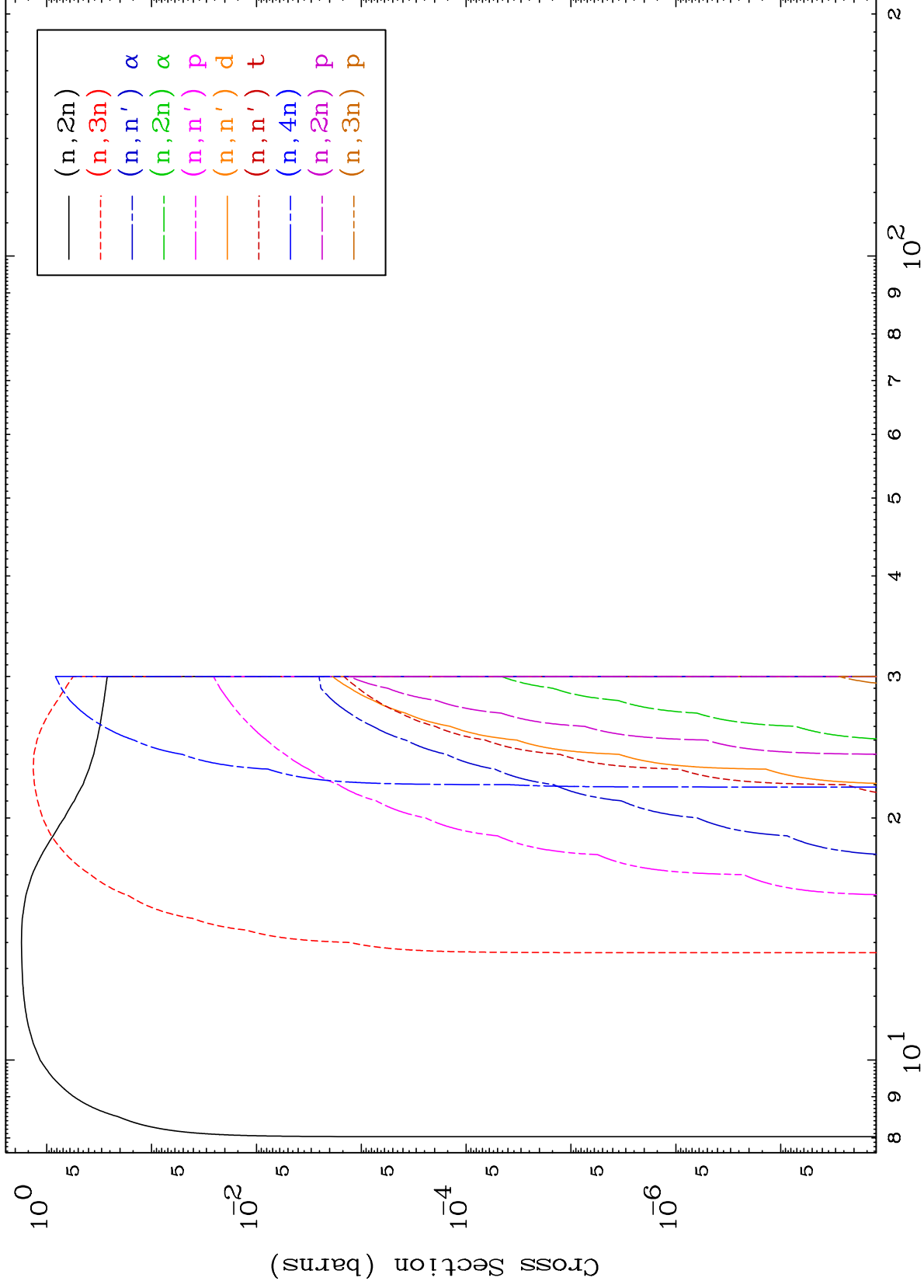
50-Sn-128



MAT 5073

Neutron Production  
293 Kelvin Cross Sections

50-Sn-128



2

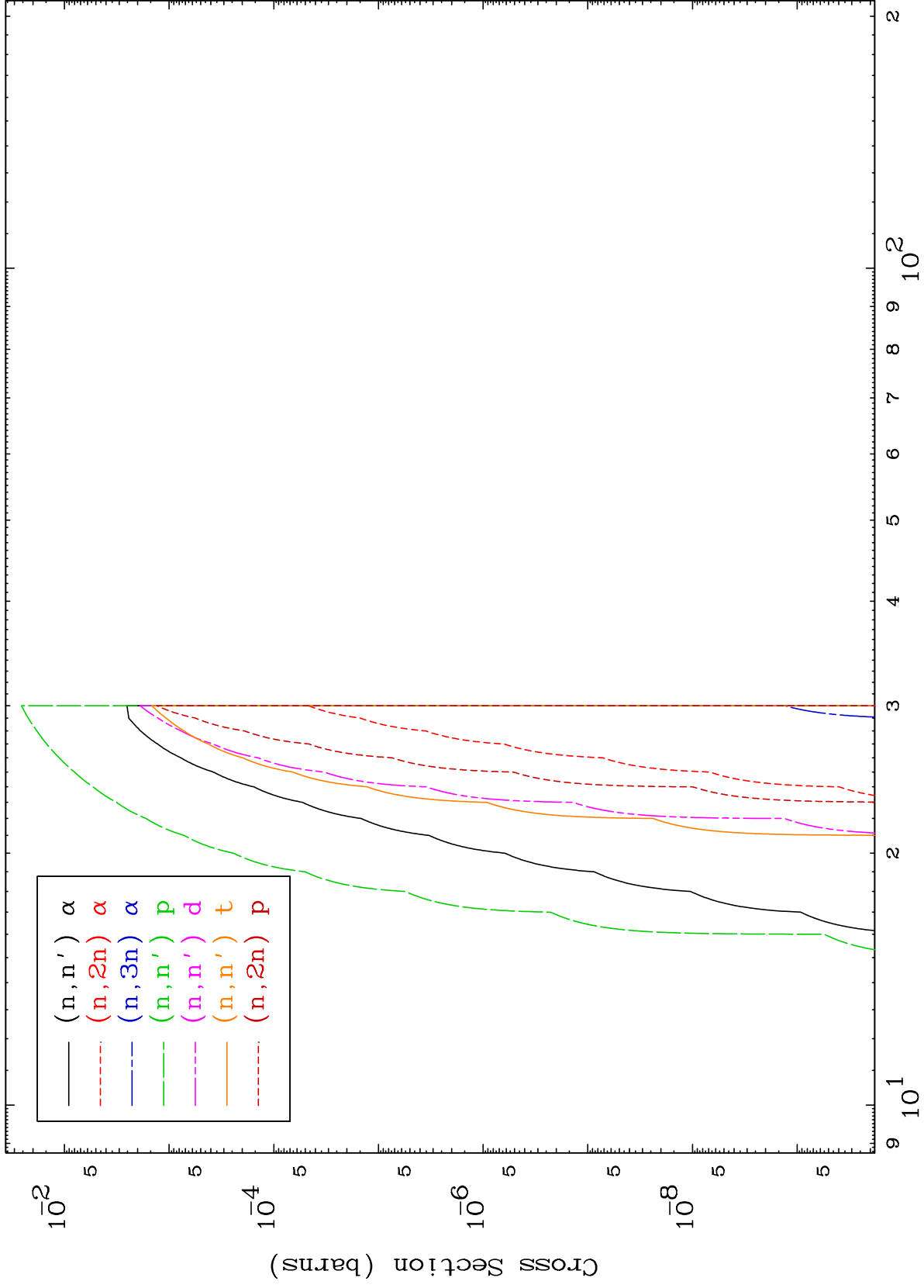
Incident Energy (MeV)

50-Sn-128

MAT 5073

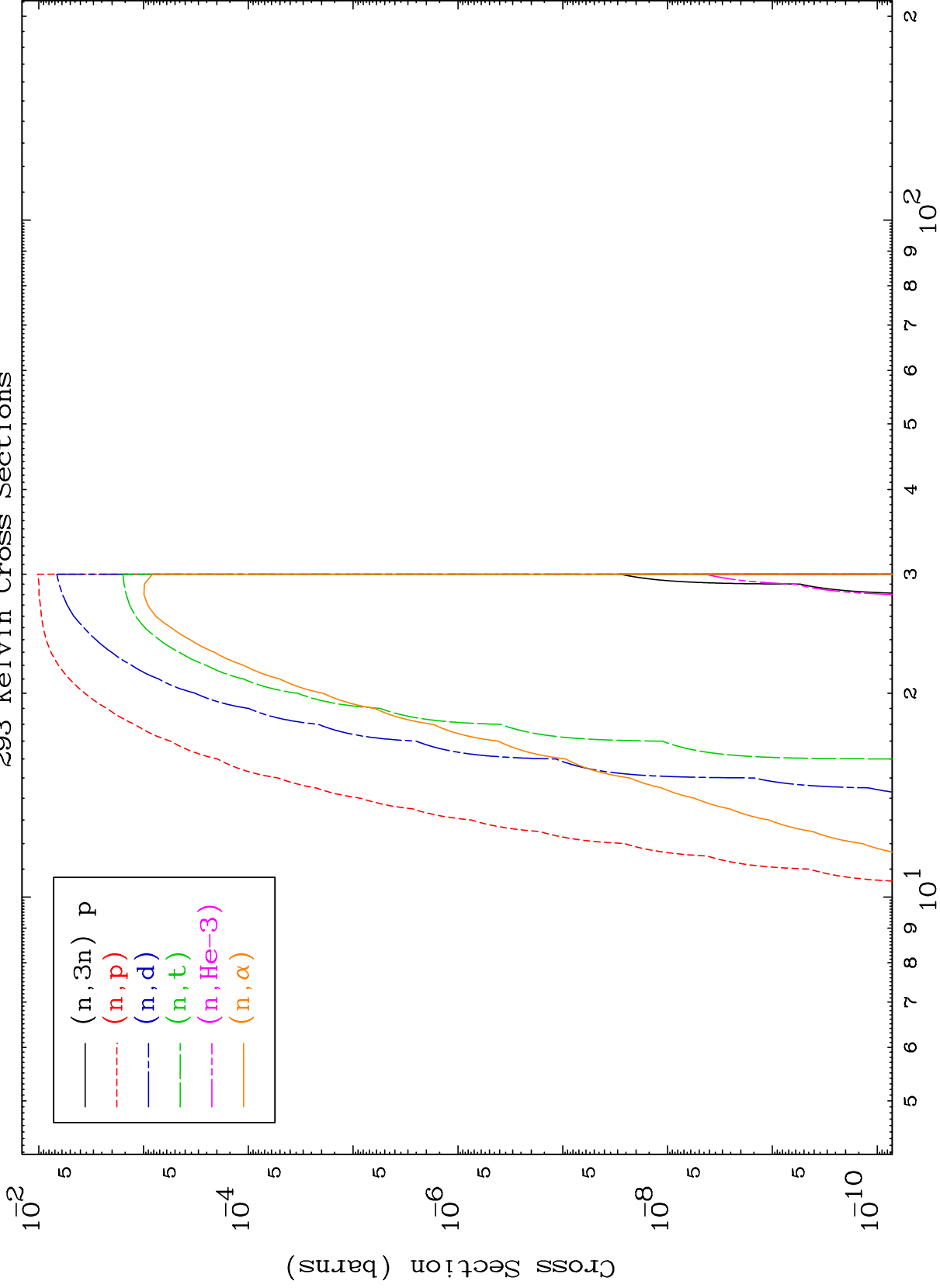
Charged Particle  
293 Kelvin Cross Sections

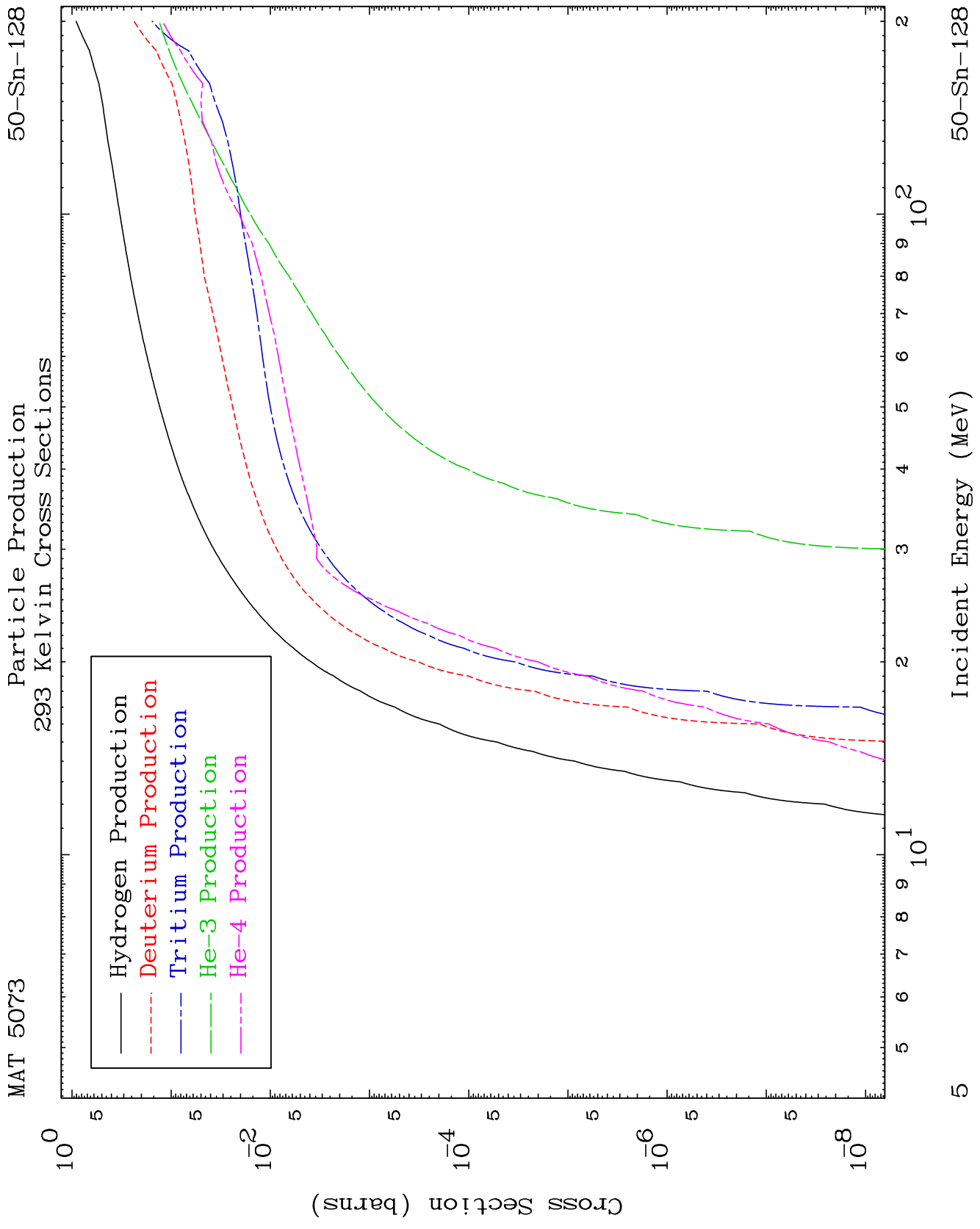
50-Sn-128



Incident Energy (MeV)

50-Sn-128

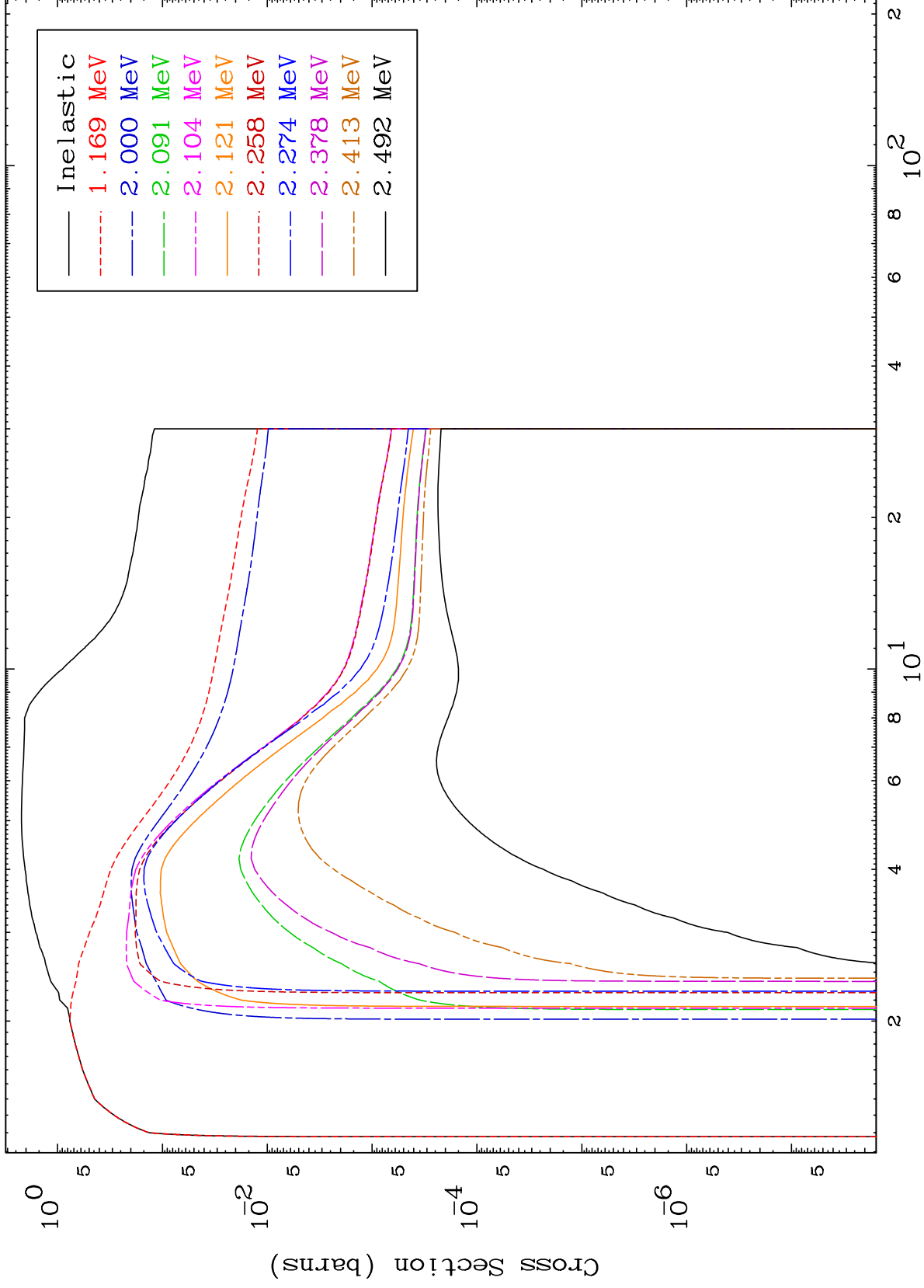




MAT 5073

(n,n') Level  
293 Kelvin Cross Sections

50-Sn-128



6

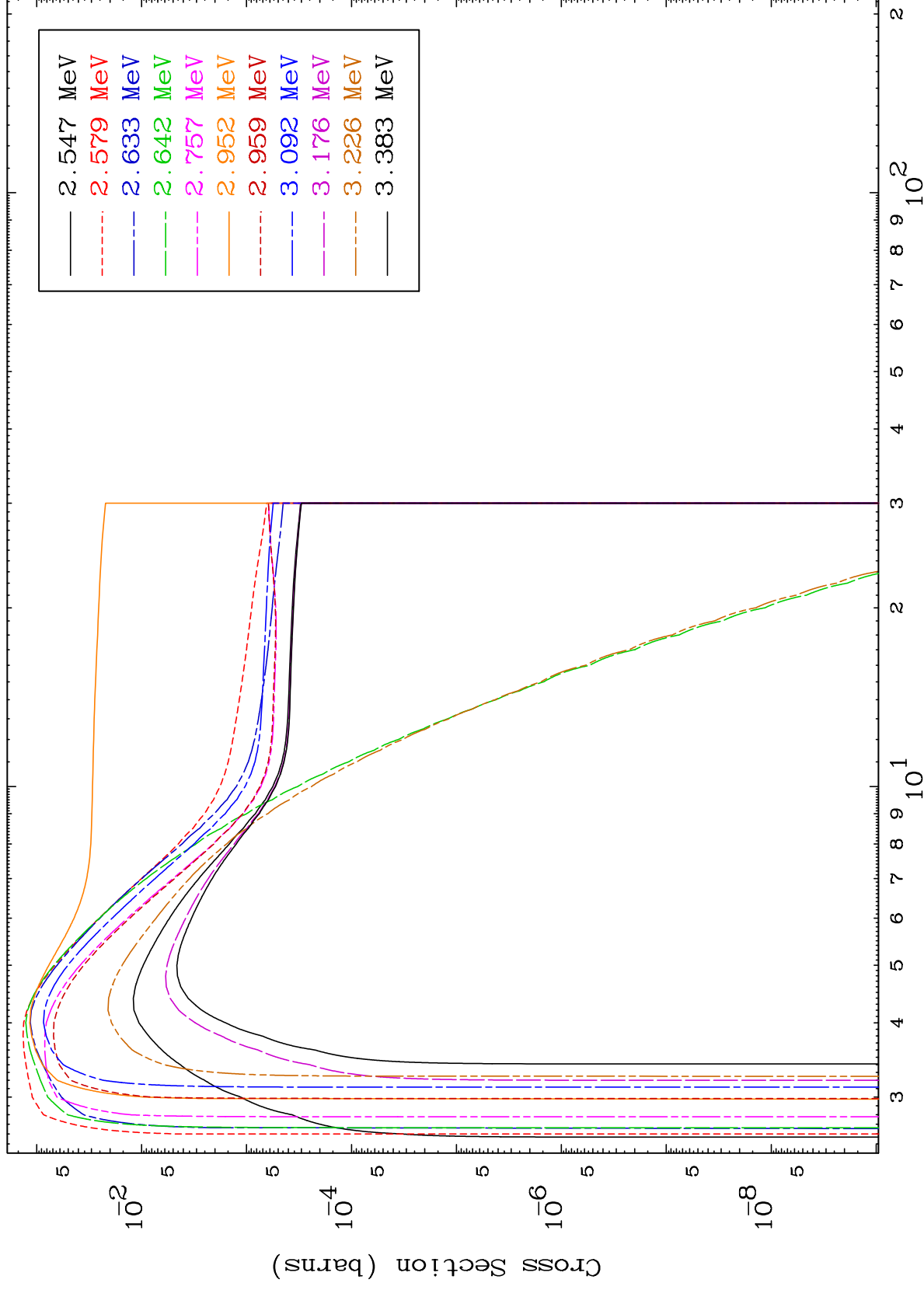
Incident Energy (MeV)

50-Sn-128

MAT 5073

(n,n') Level  
293 Kelvin Cross Sections

50-Sn-128



7

Incident Energy (MeV)

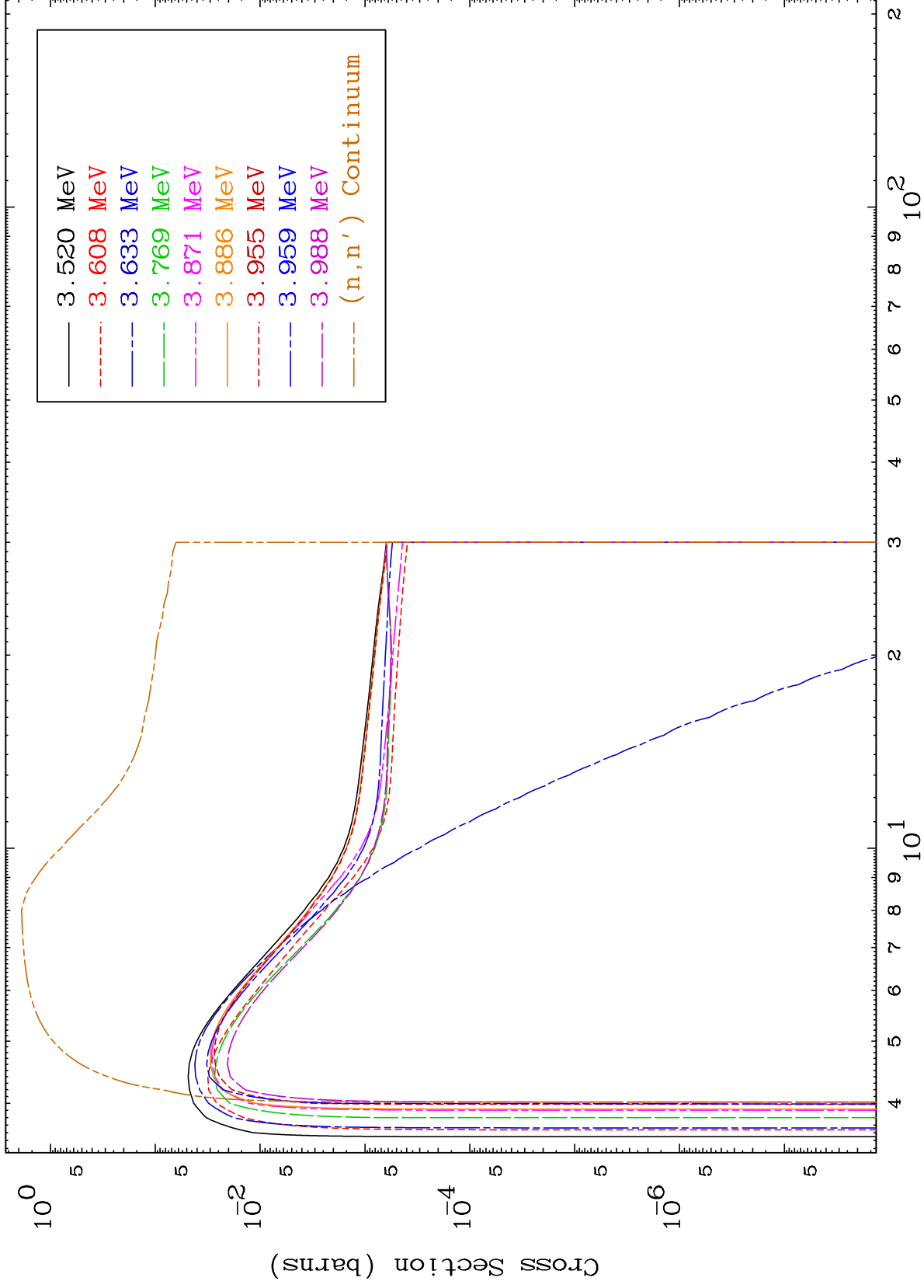
50-Sn-128



MAT 5073

(n,n') Level  
293 Kelvin Cross Sections

50-Sn-128



8

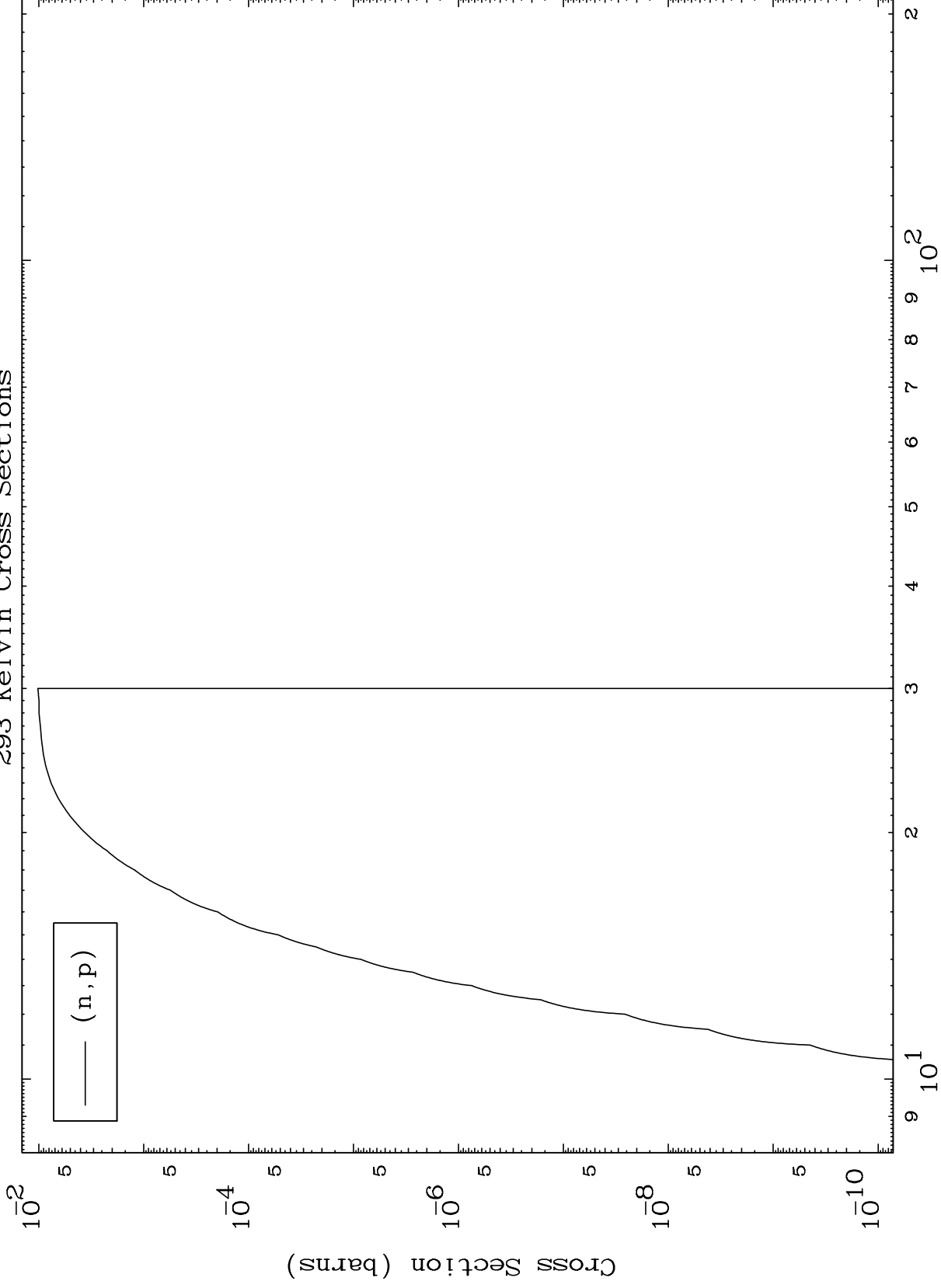
Incident Energy (MeV)

50-Sn-128

MAT 5073

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-128



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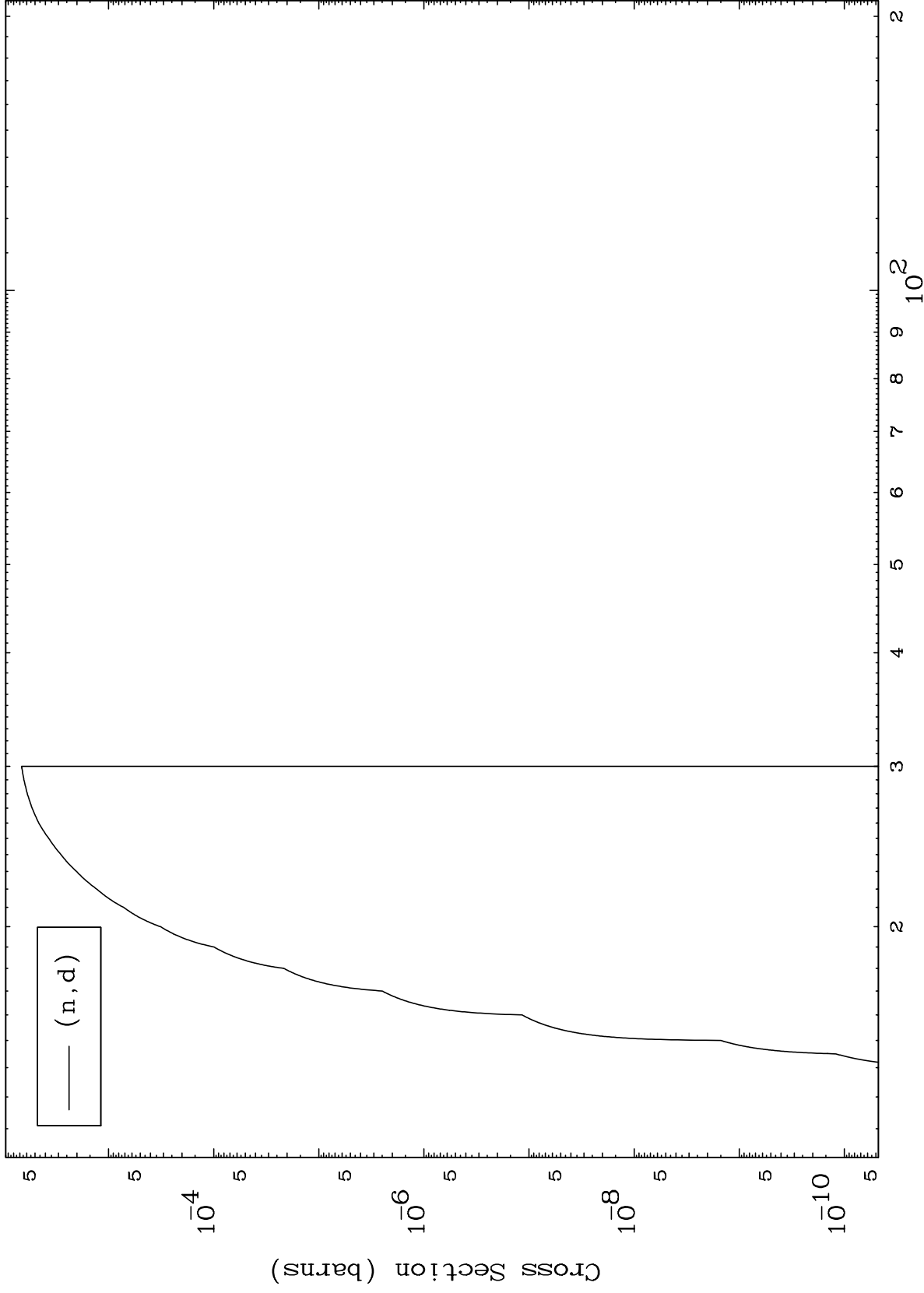
Incident Energy (MeV)

50-Sn-128

MAT 5073

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-128



10

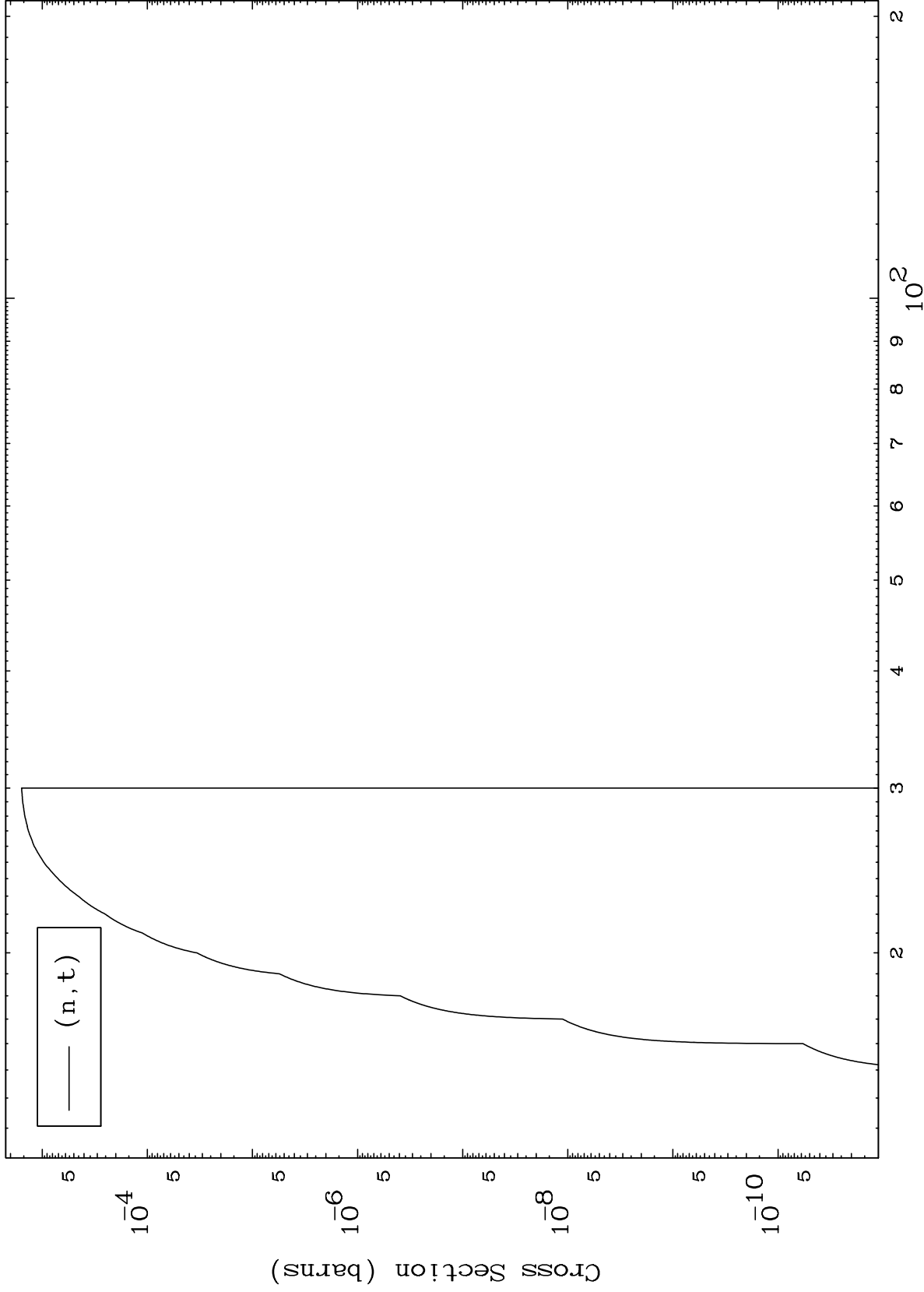
Incident Energy (MeV)

50-Sn-128

MAT 5073

(n,t) Levels  
293 Kelvin Cross Sections

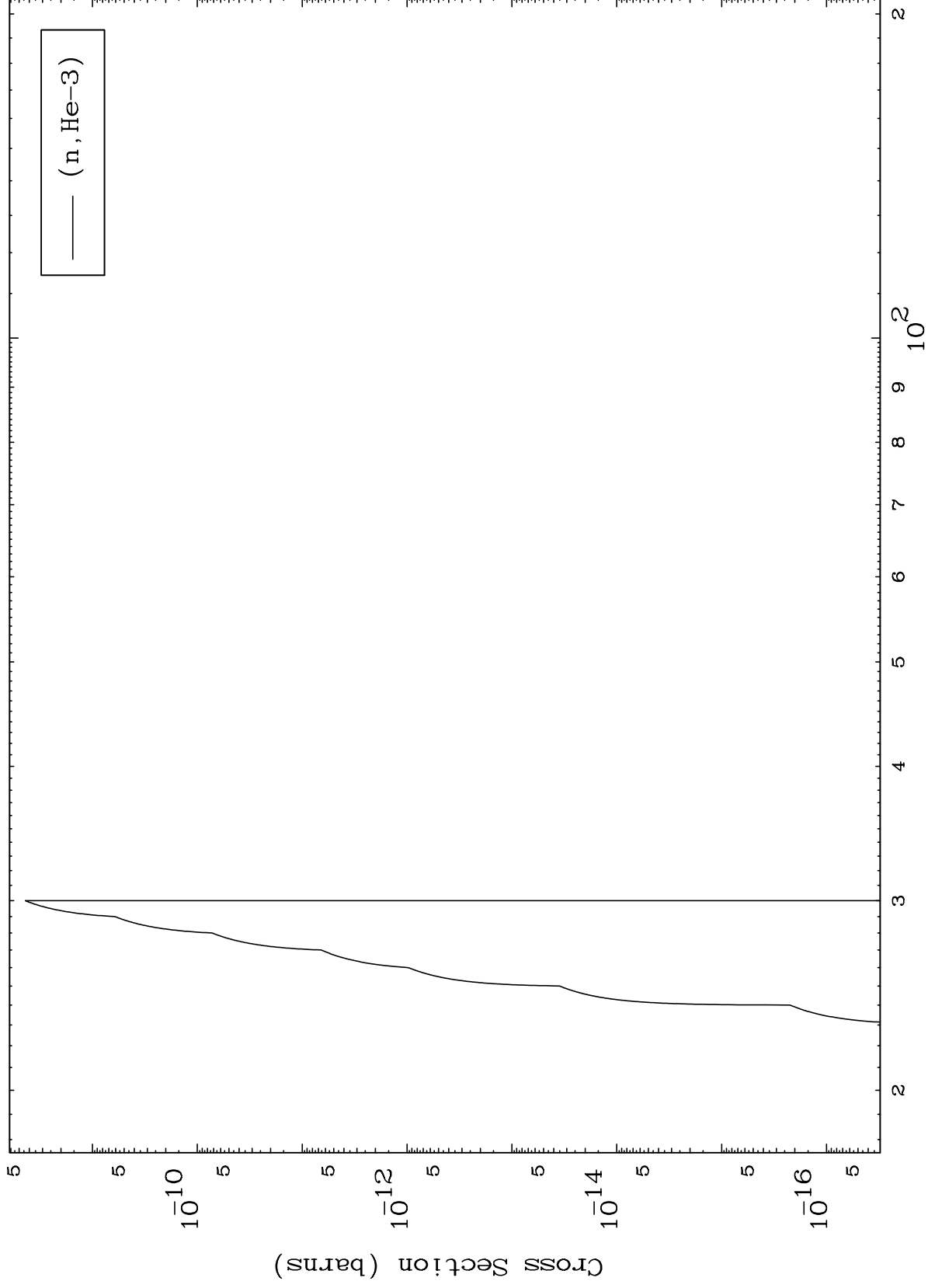
50-Sn-128



MAT 5073

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-128



12

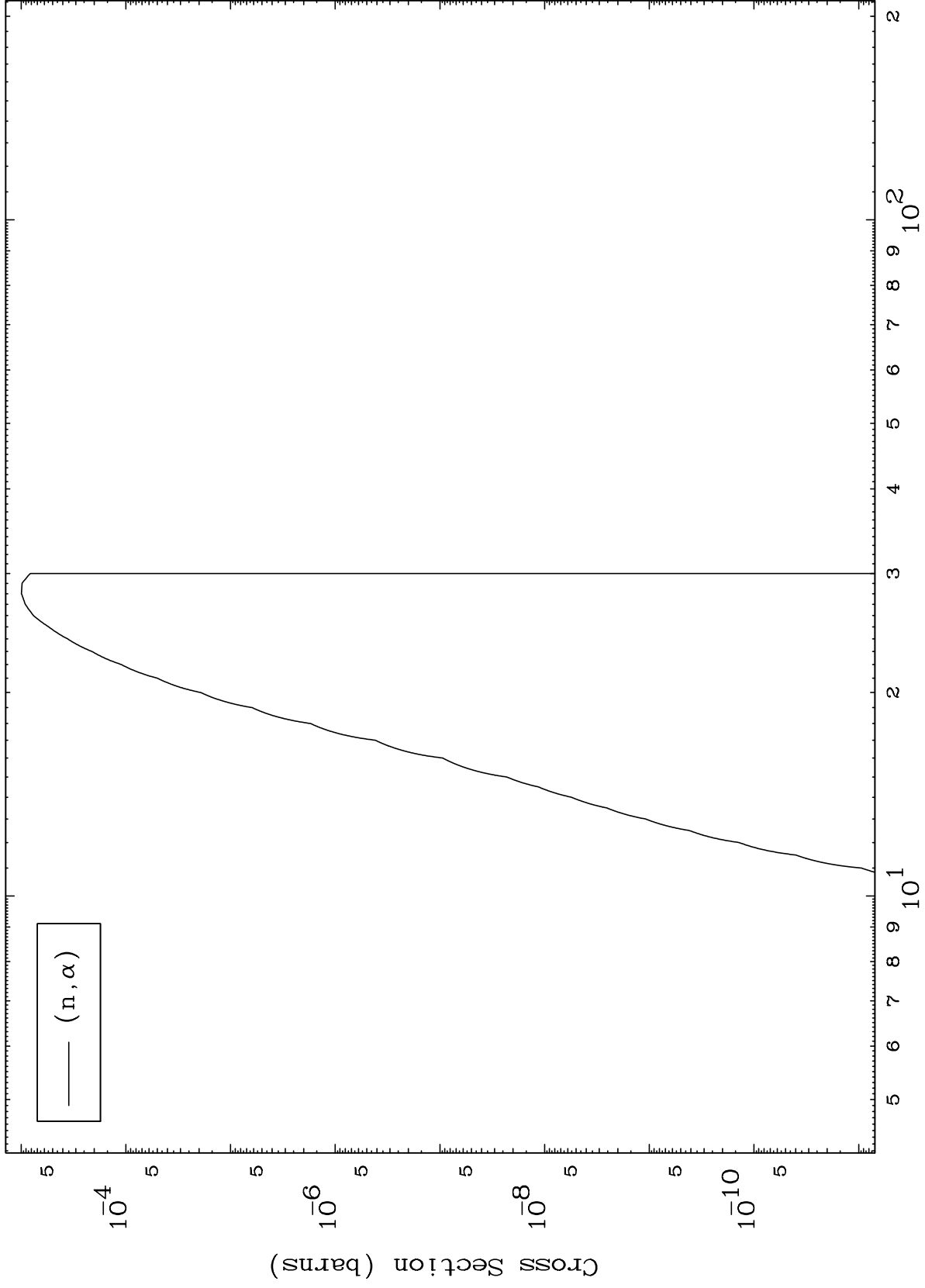
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

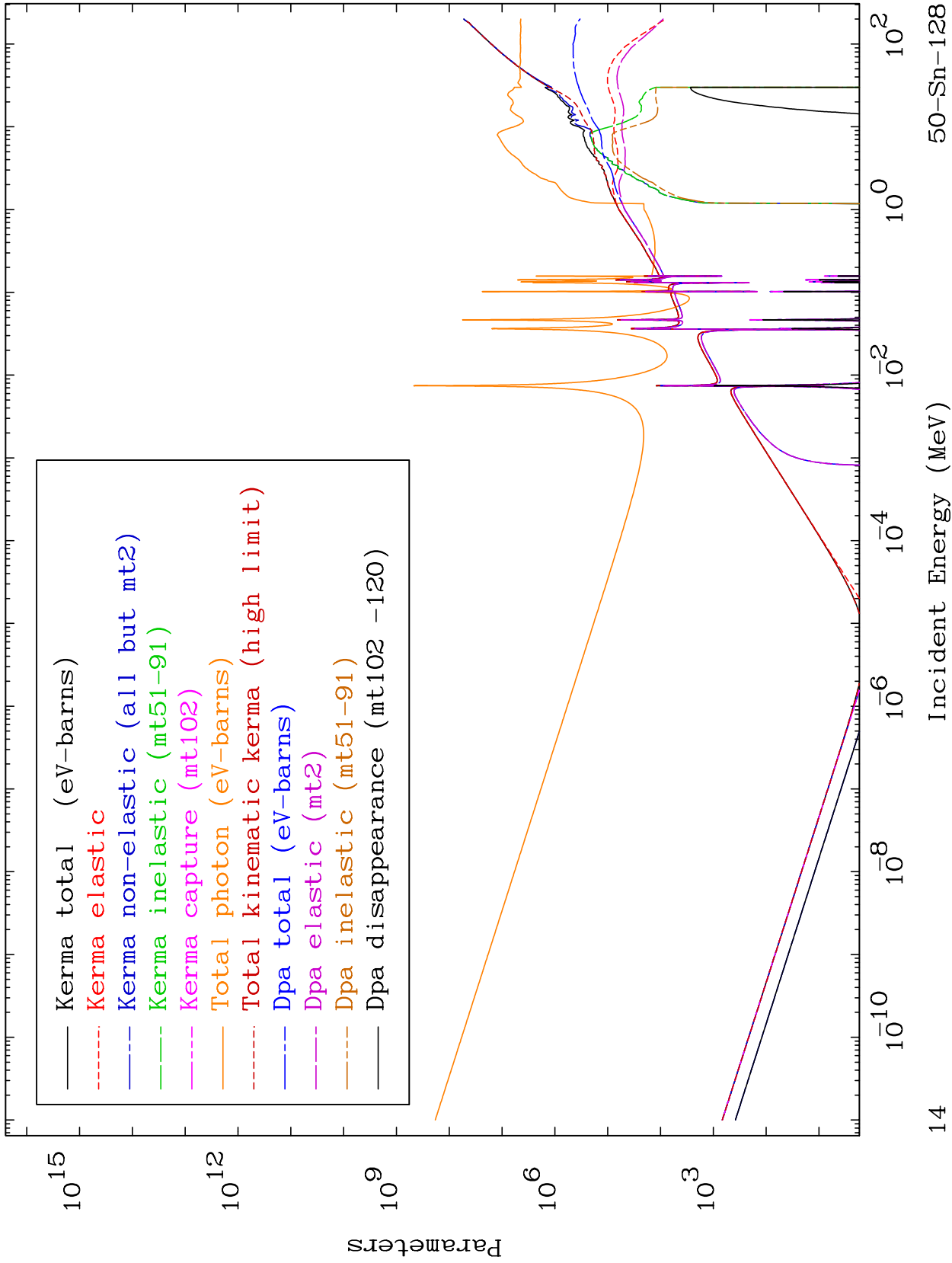
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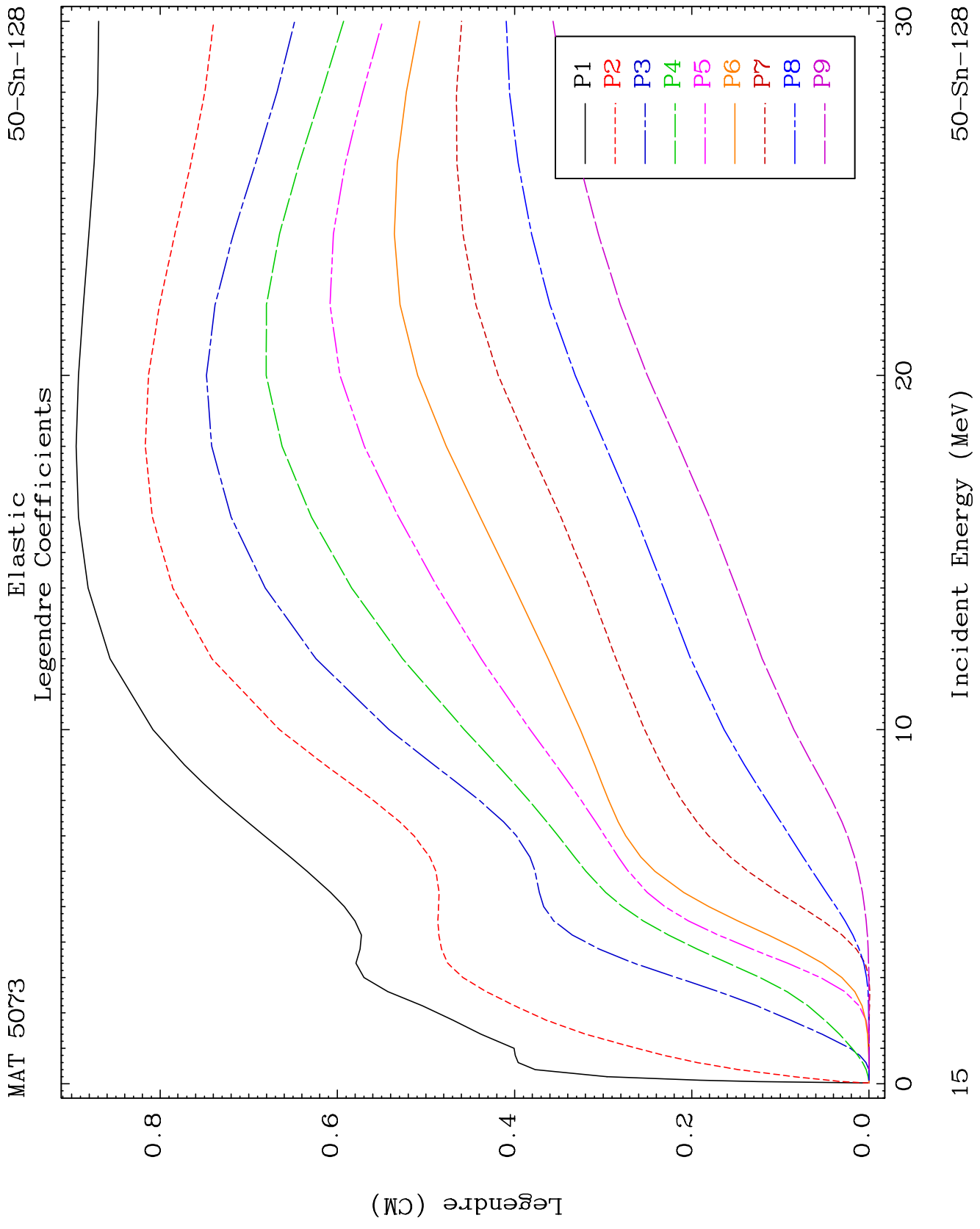


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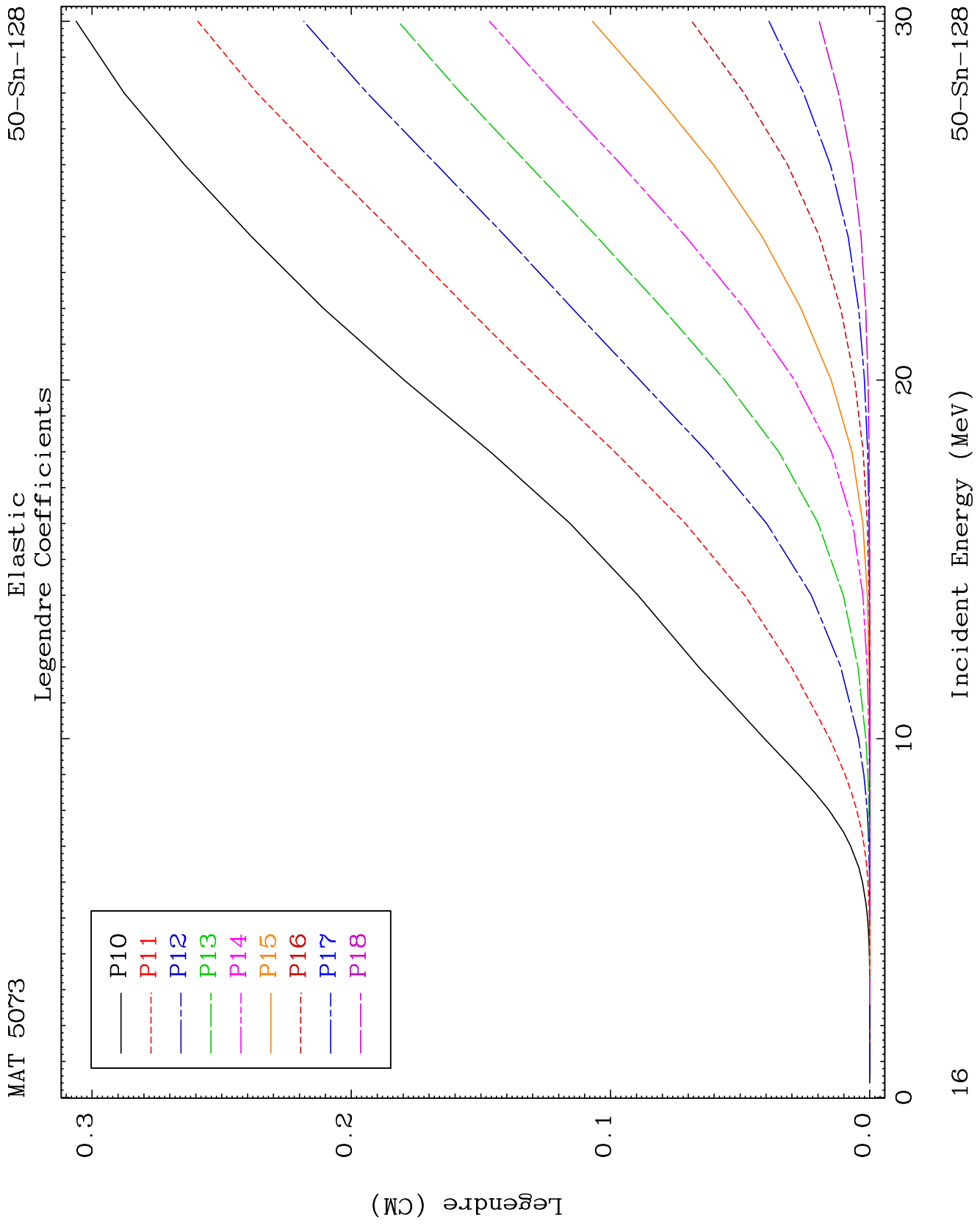
Incident Energy (MeV)

50-Sn-128





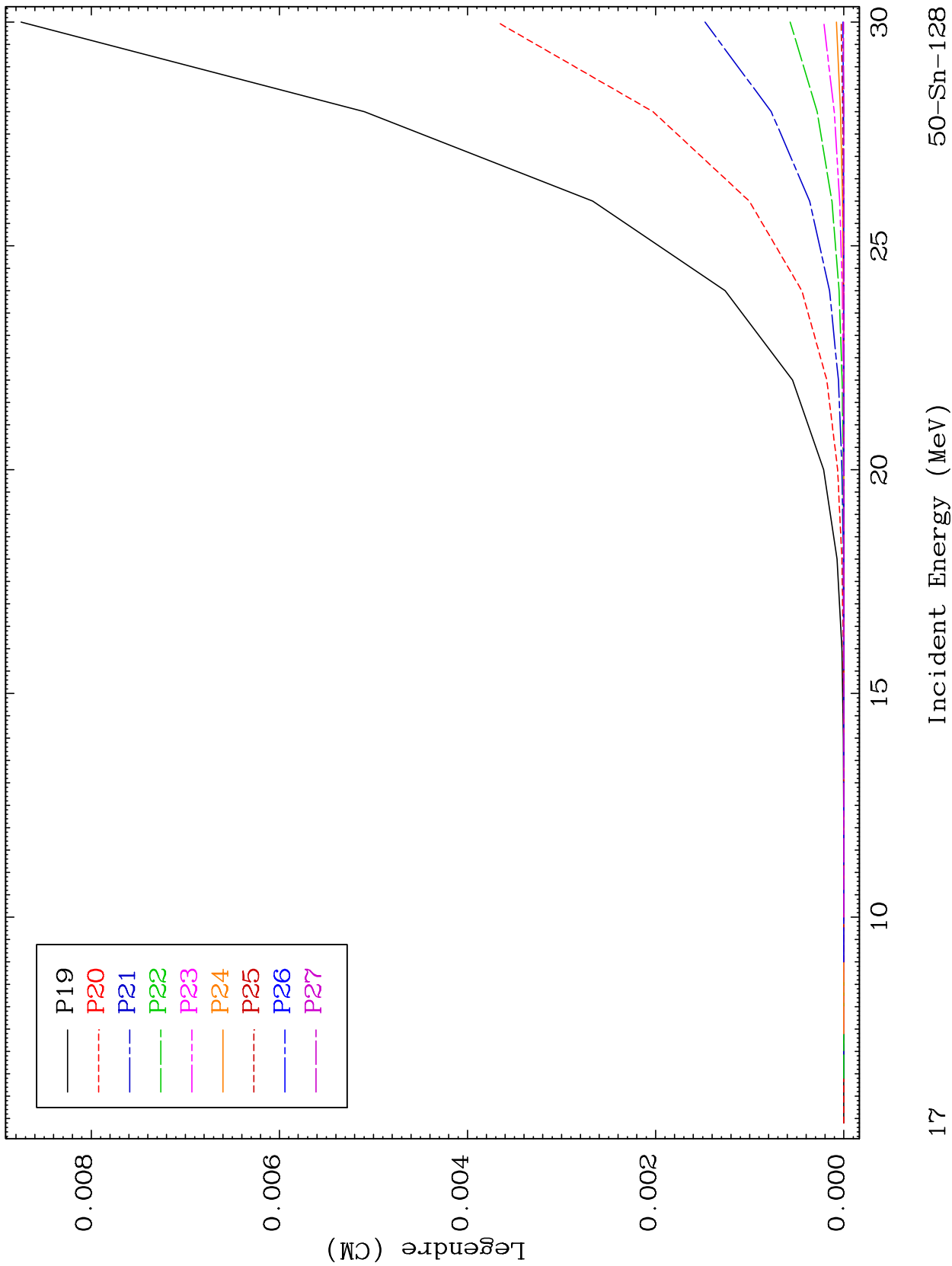




MAT 5073

### Elastic Legendre Coefficients

50-Sn-128

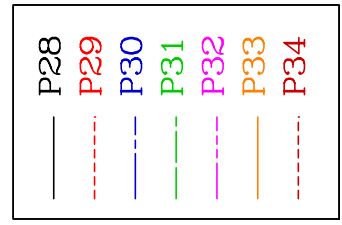


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MAT 5073

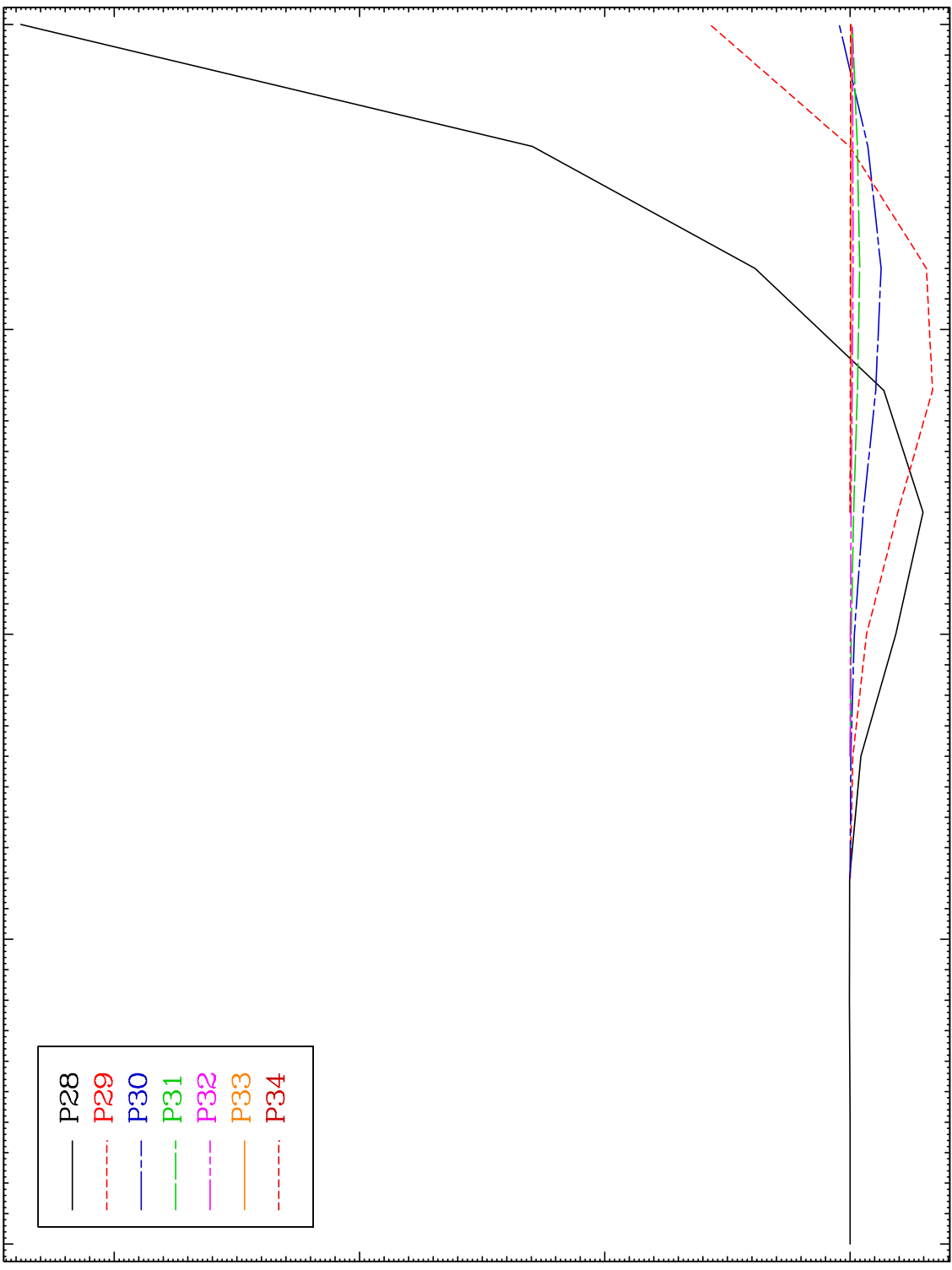
Elastic Legendre Coefficients

50-Sn-128



$\times 10^{-7}$

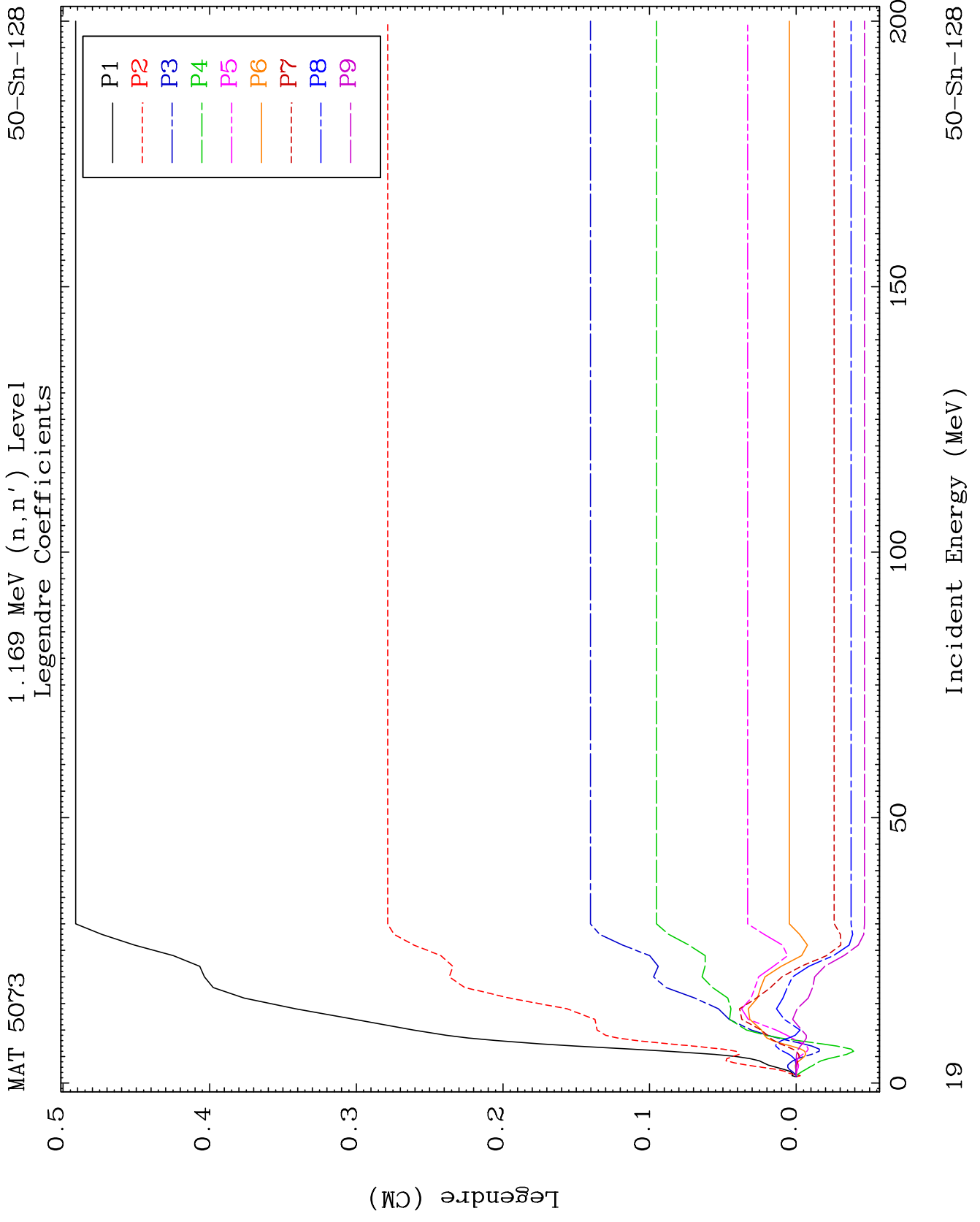
Legendre (CM)

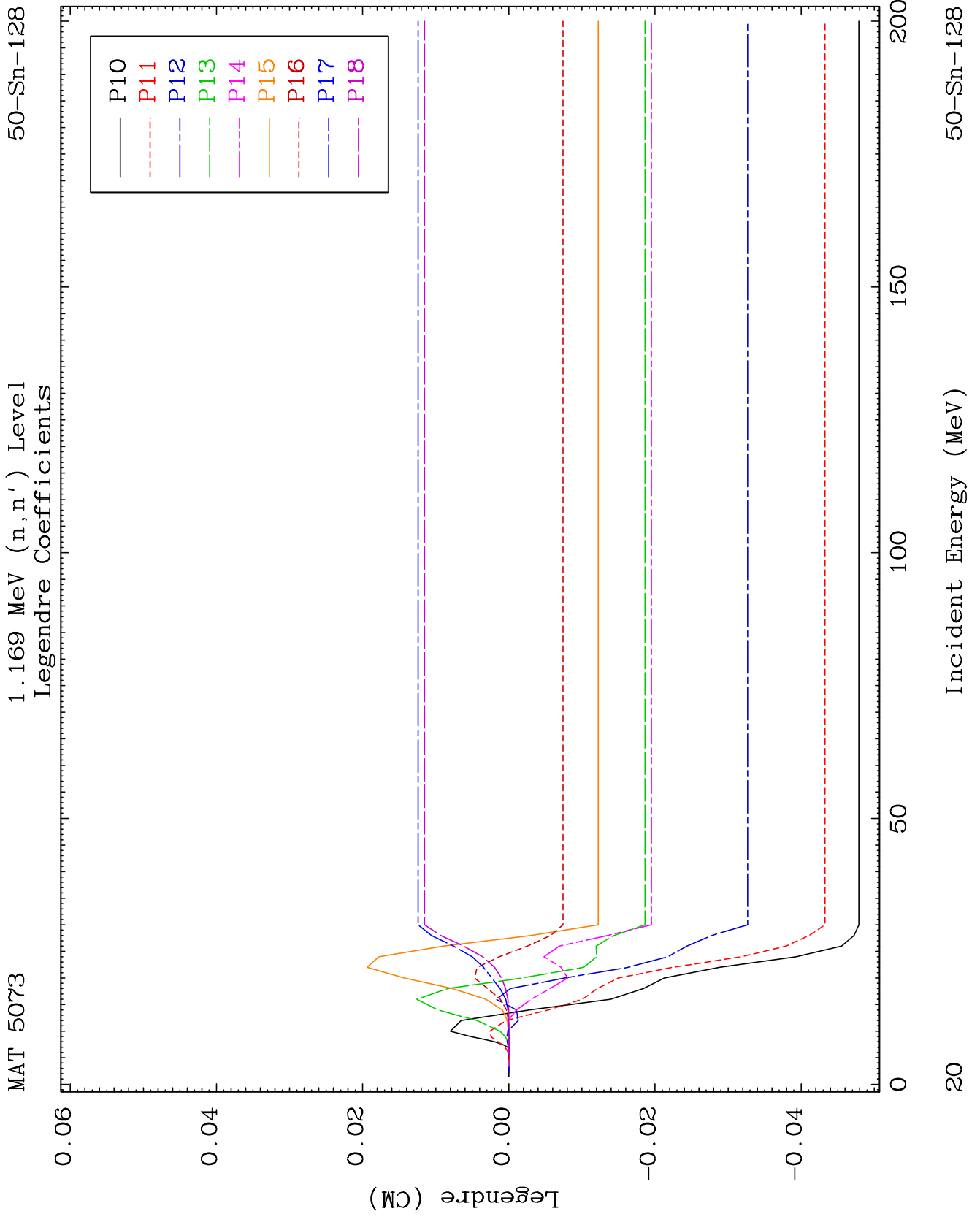


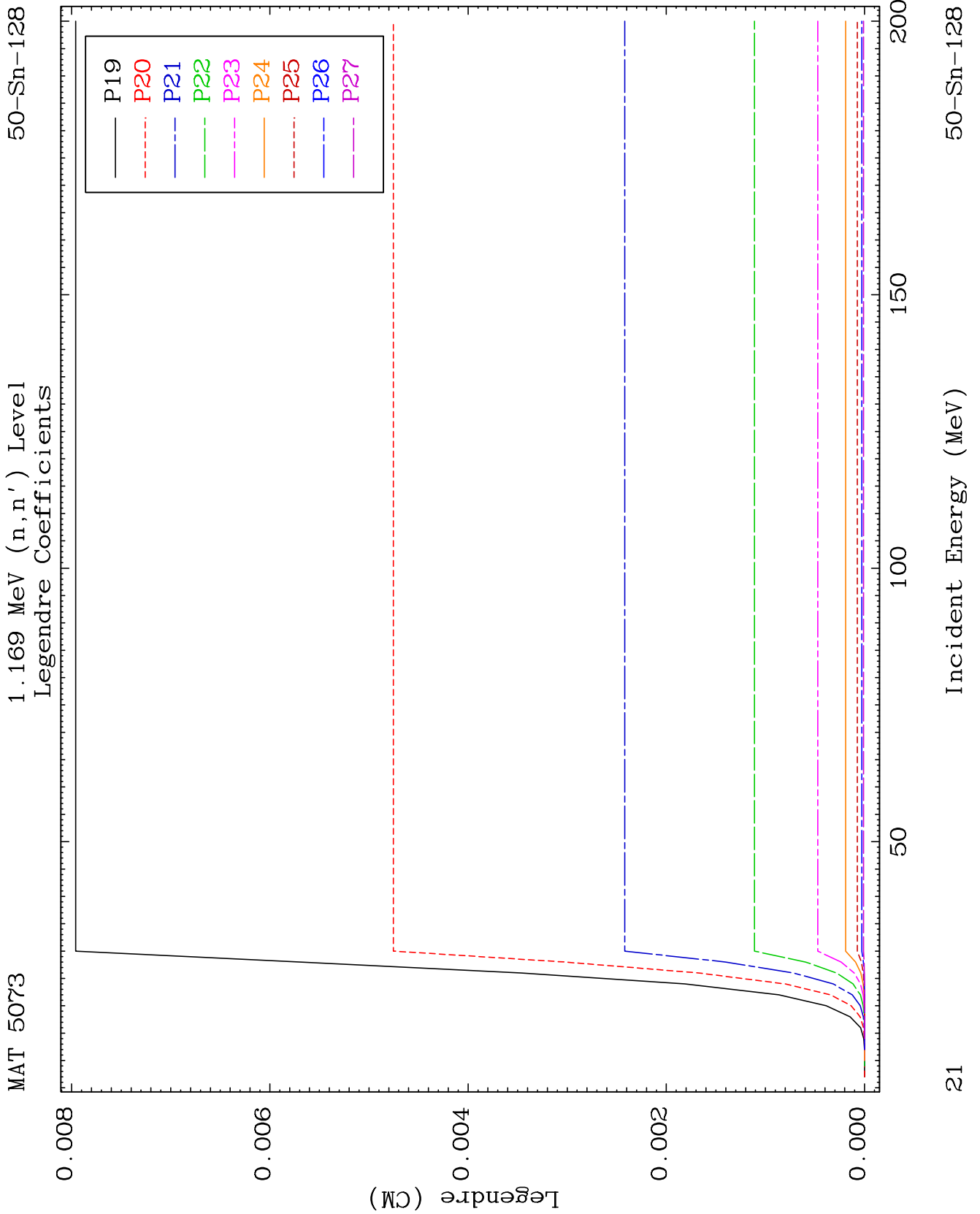
18

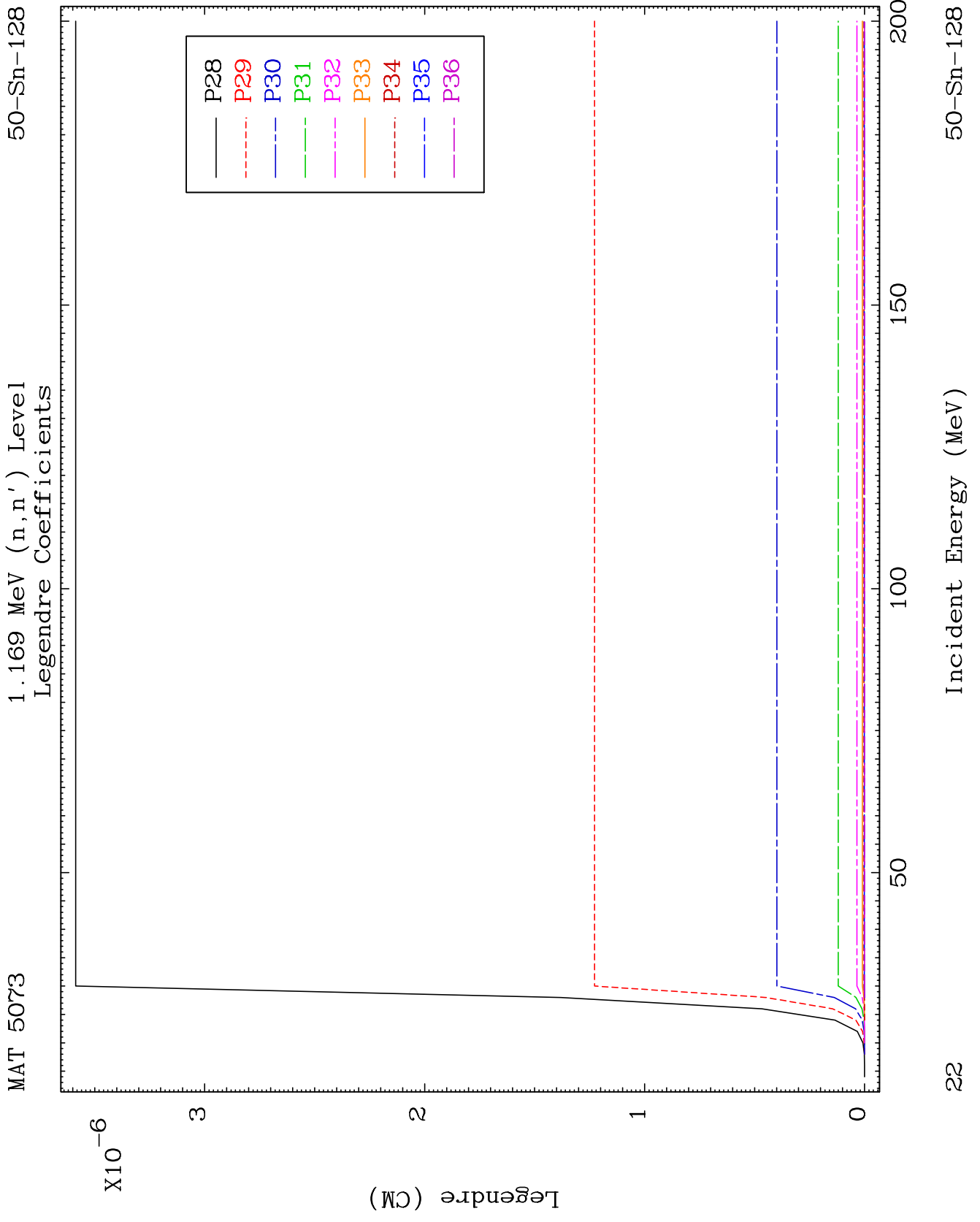
Incident Energy (MeV)

50-Sn-128









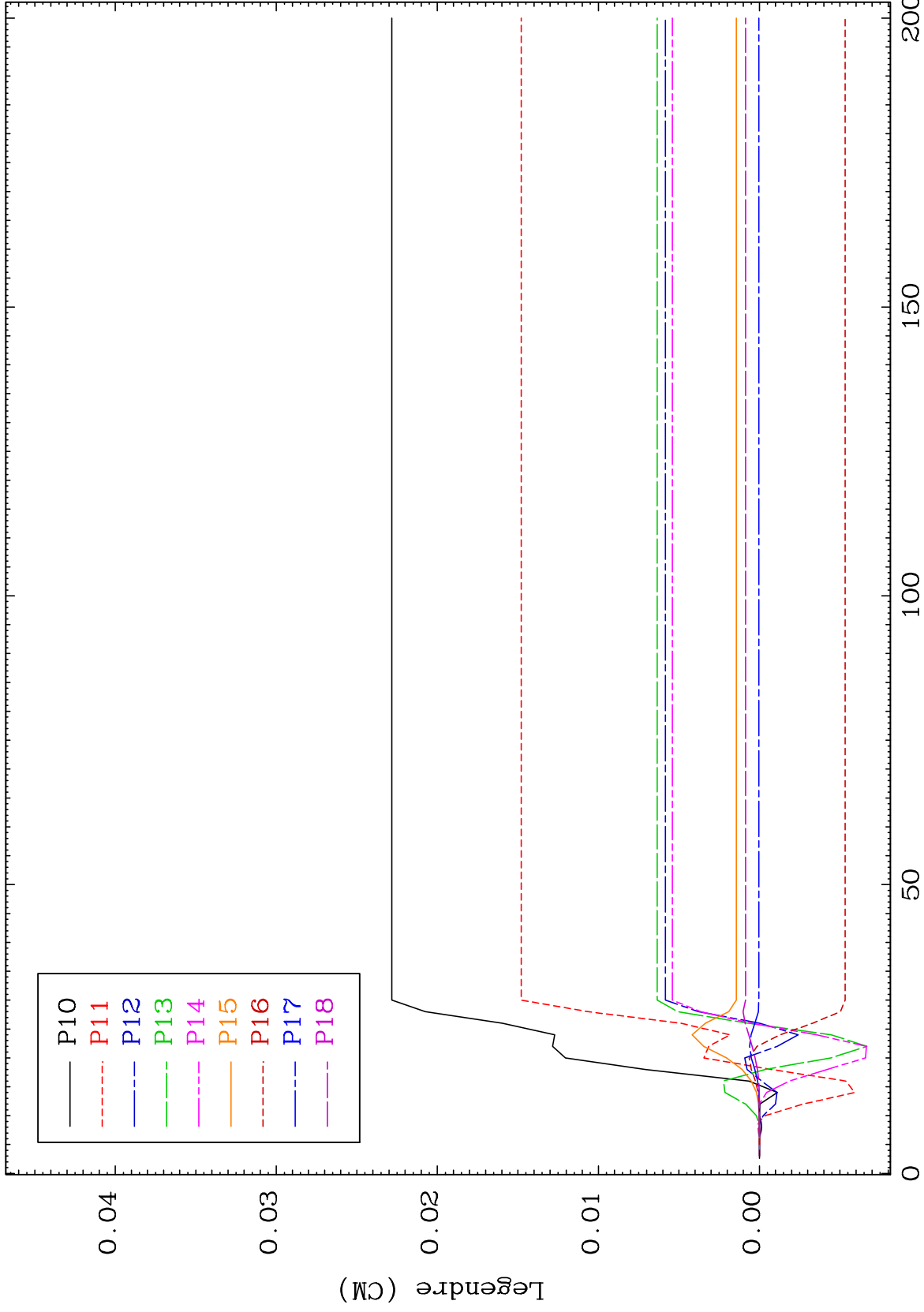




MAT 5073

2.000 MeV (n,n') Level  
Legendre Coefficients

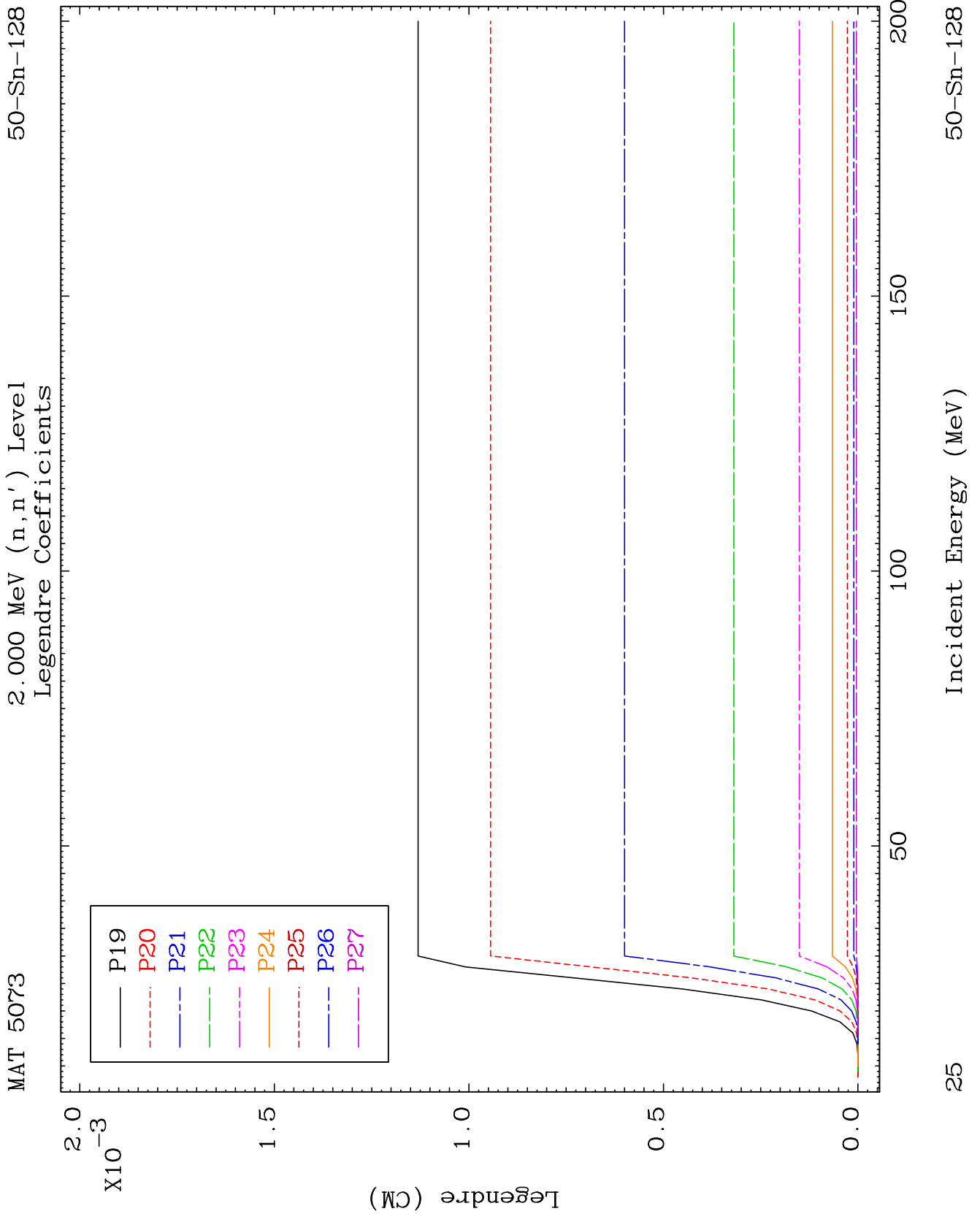
50-Sn-128

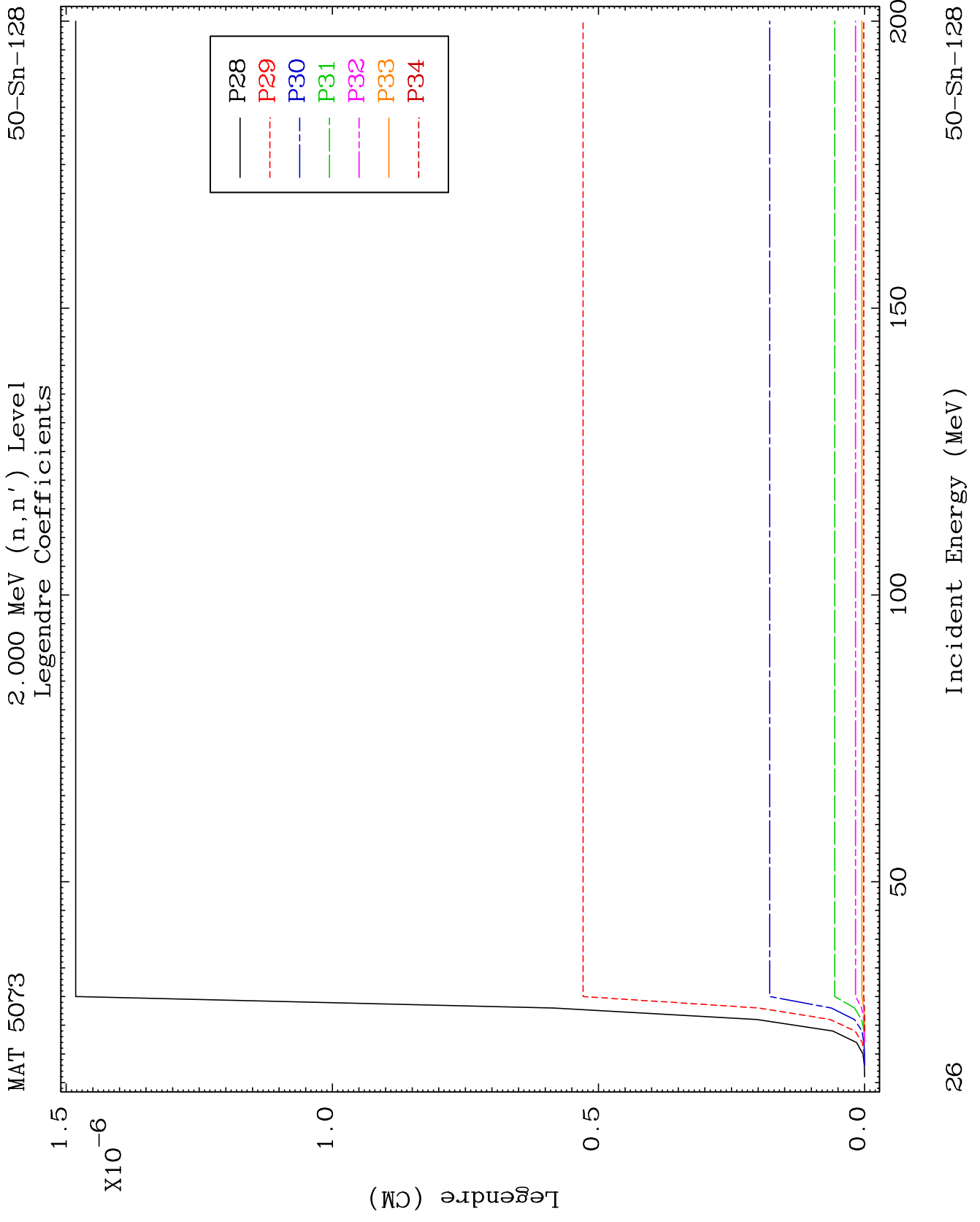


24

Incident Energy (MeV)

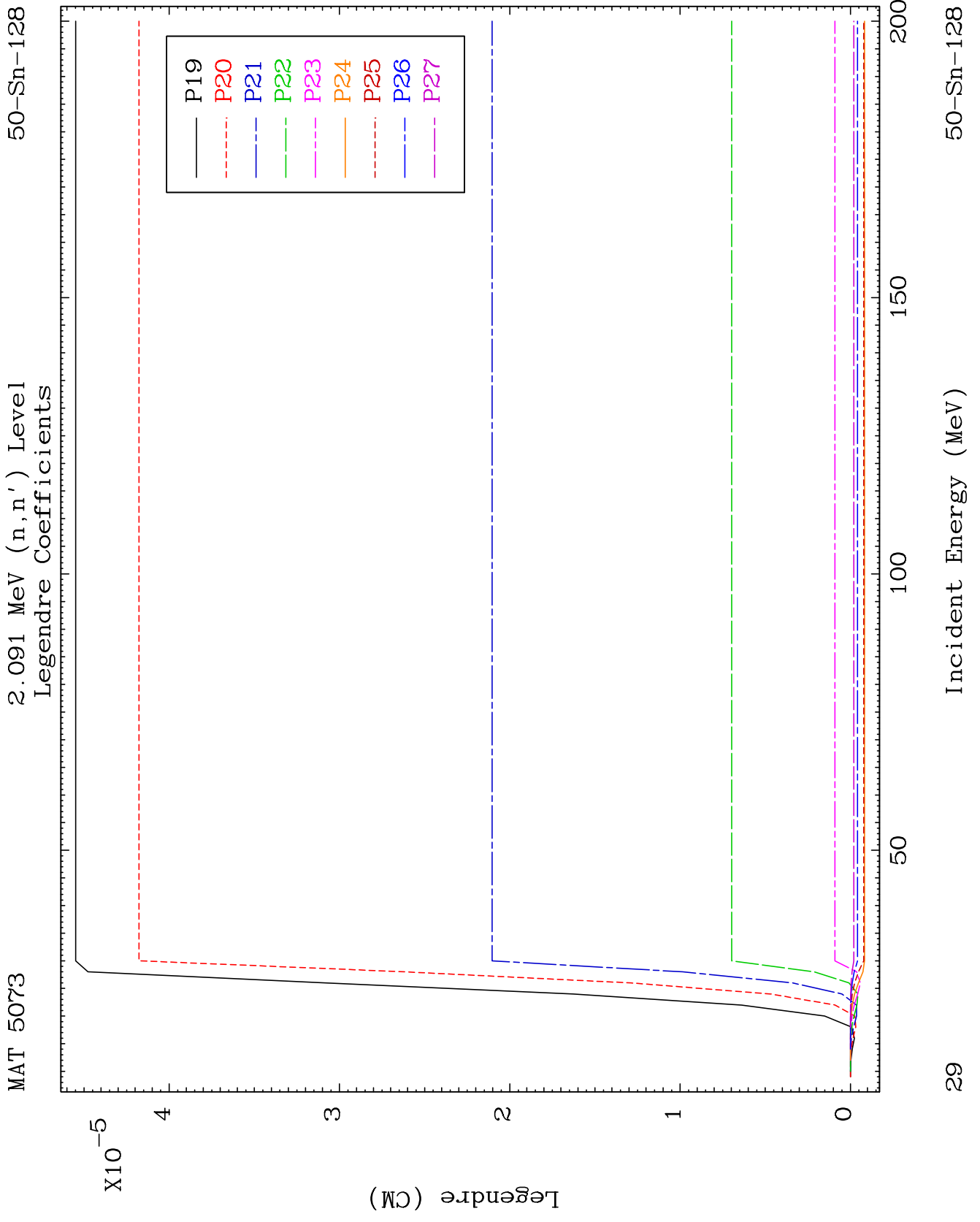
50-Sn-128

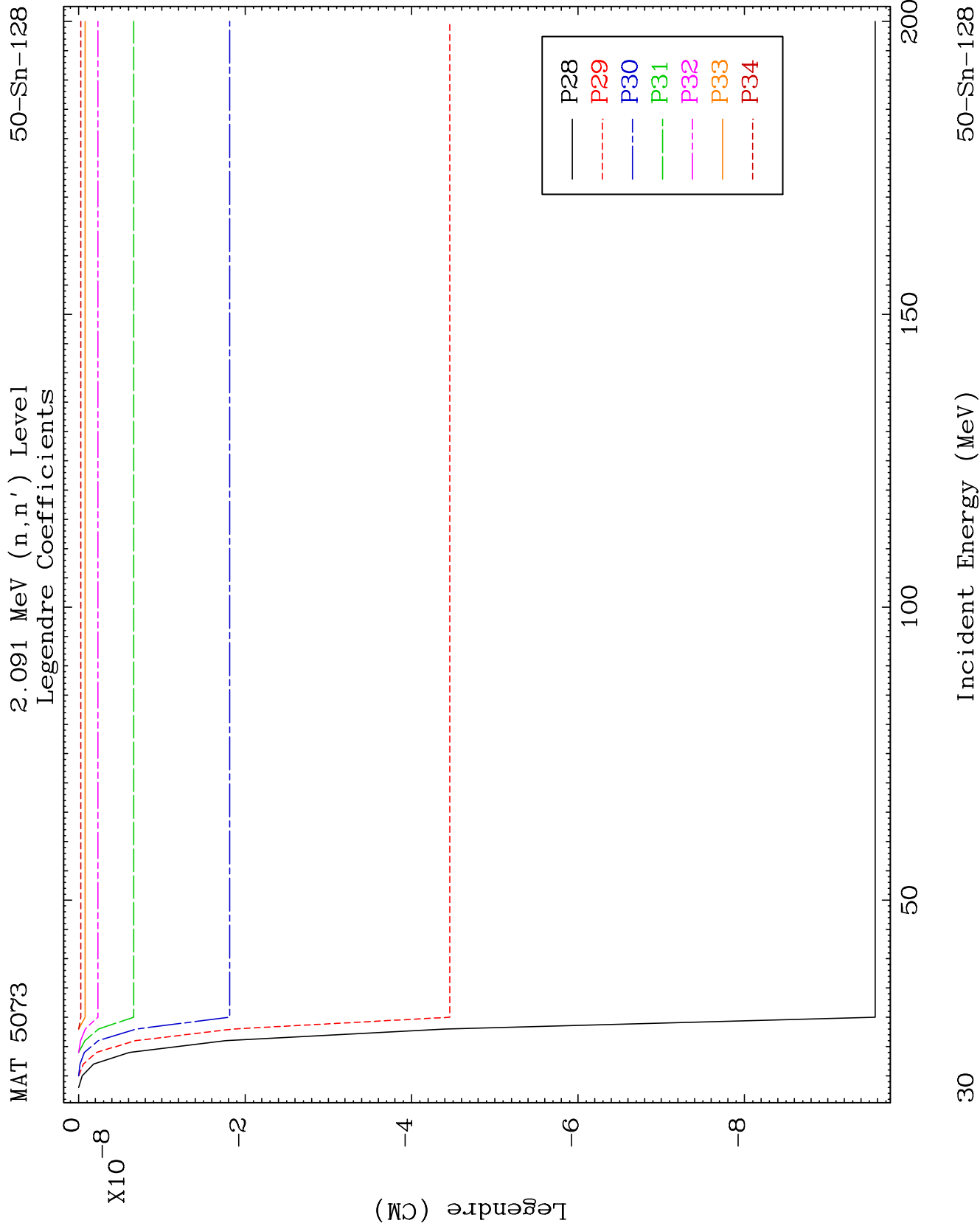


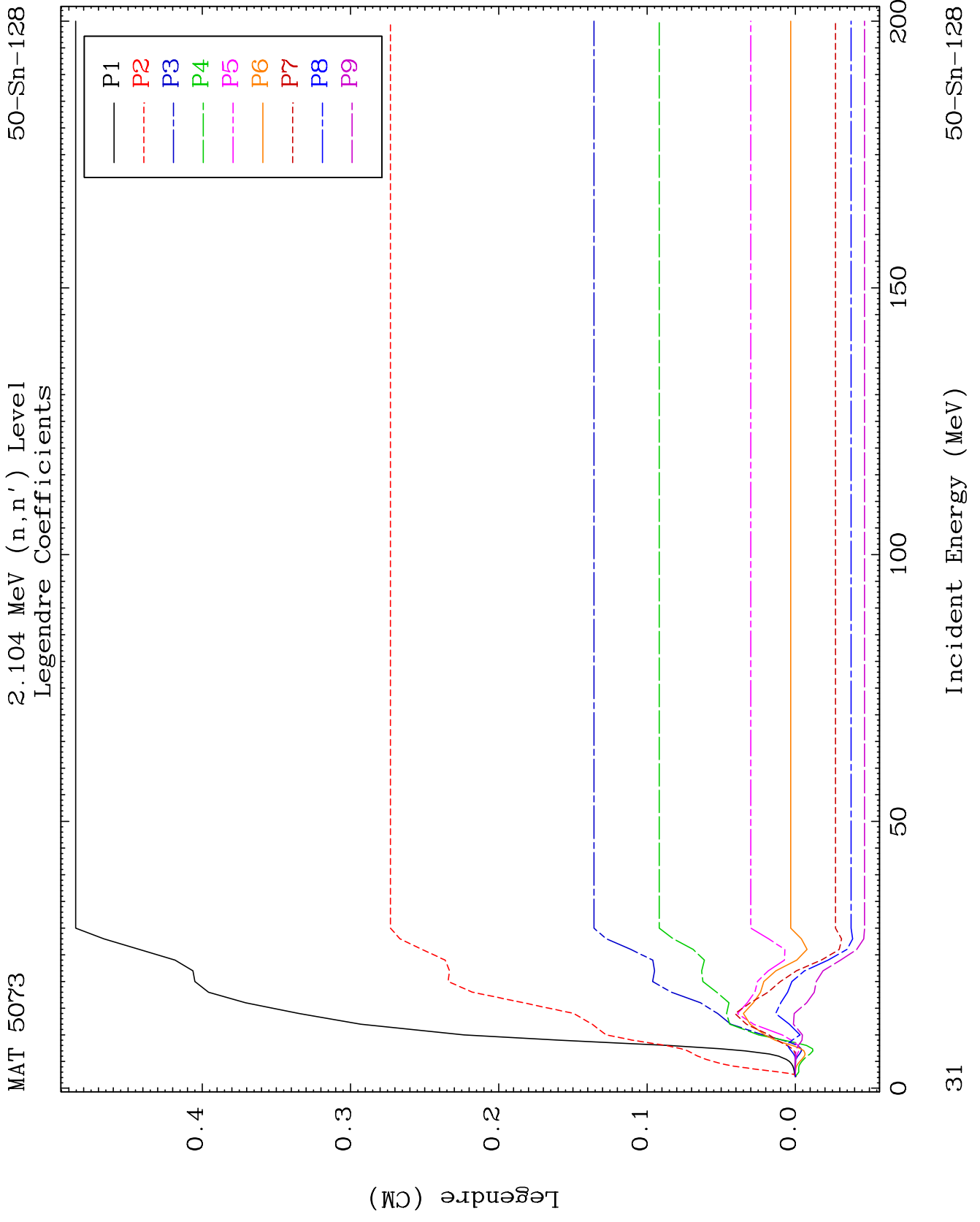




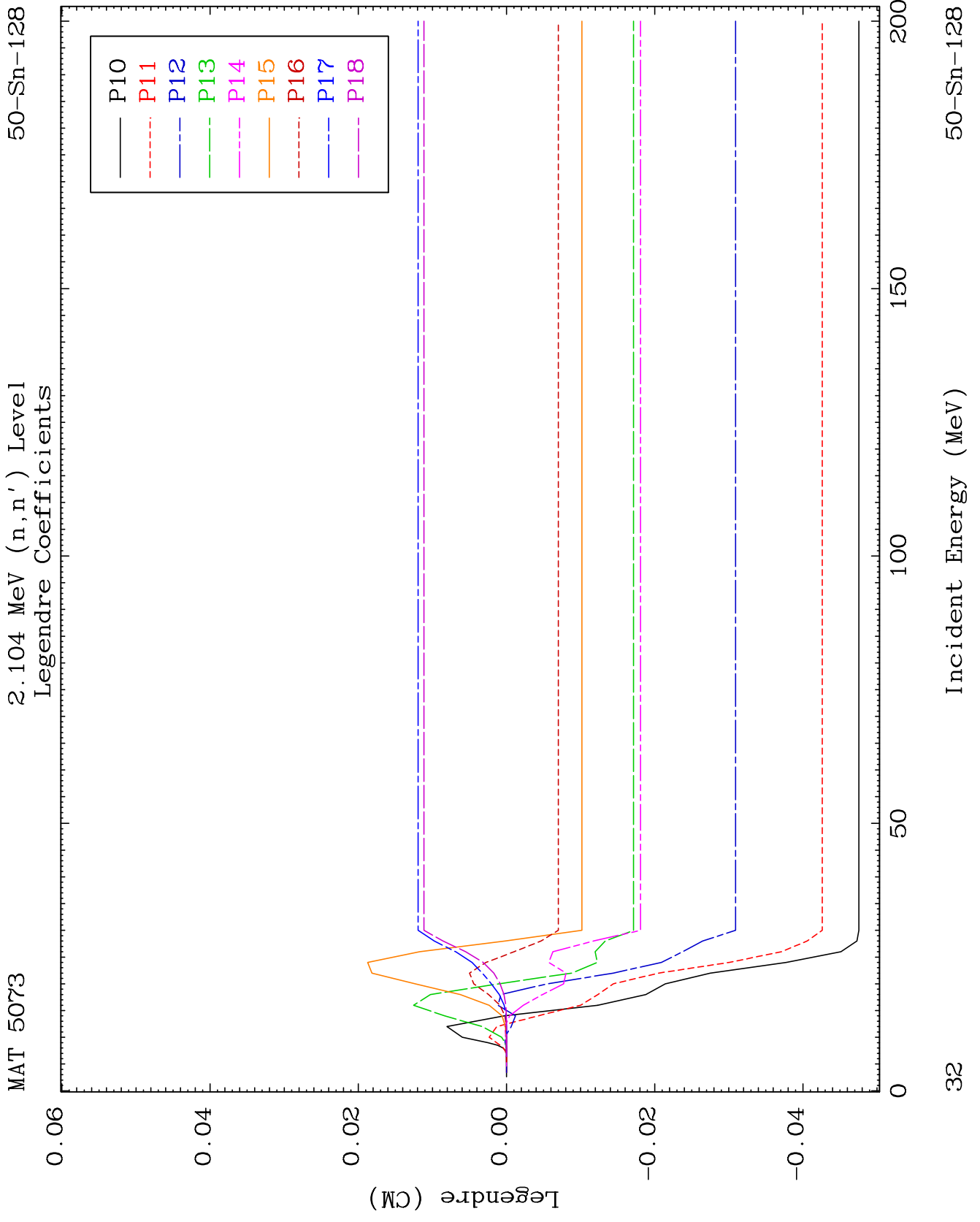


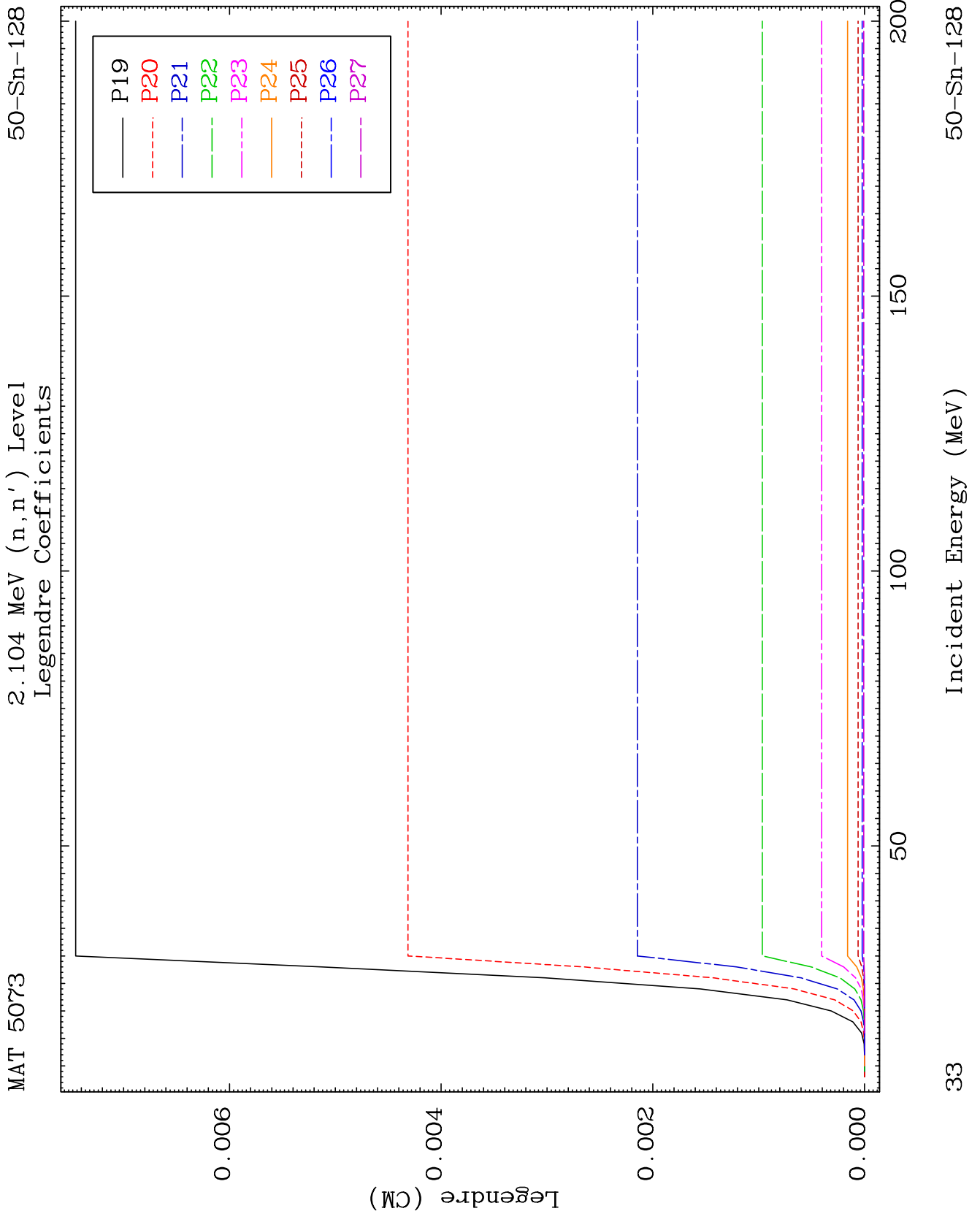


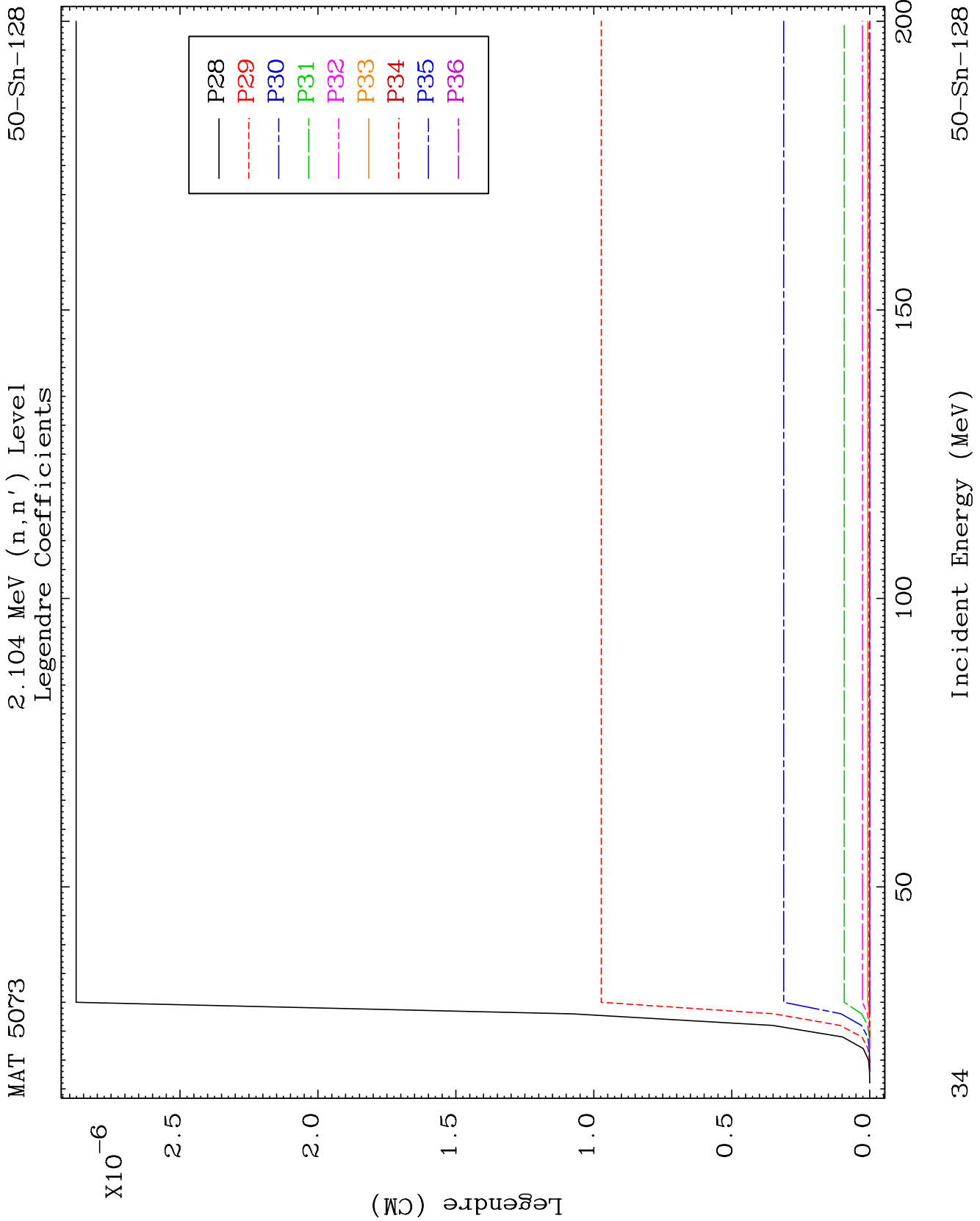


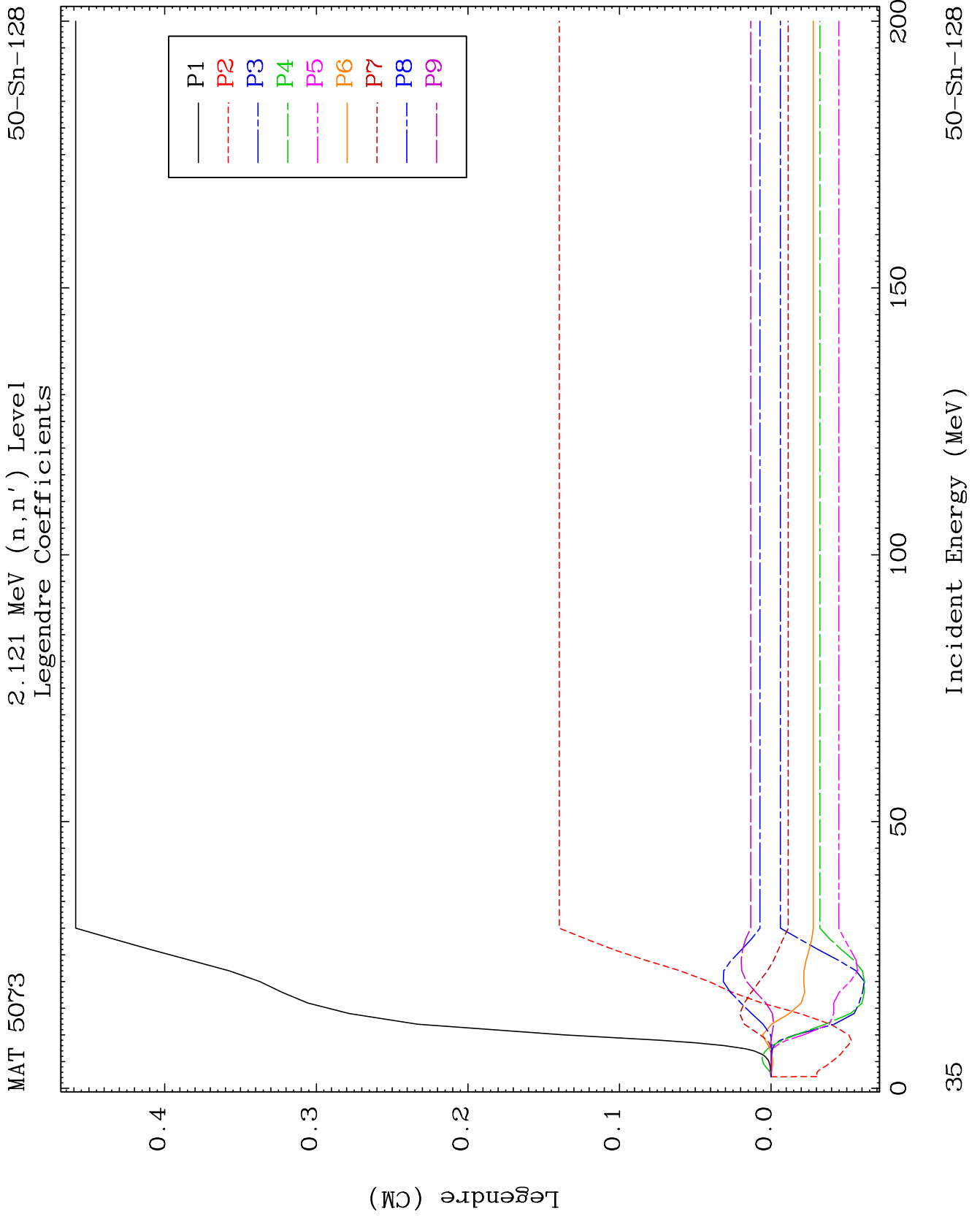








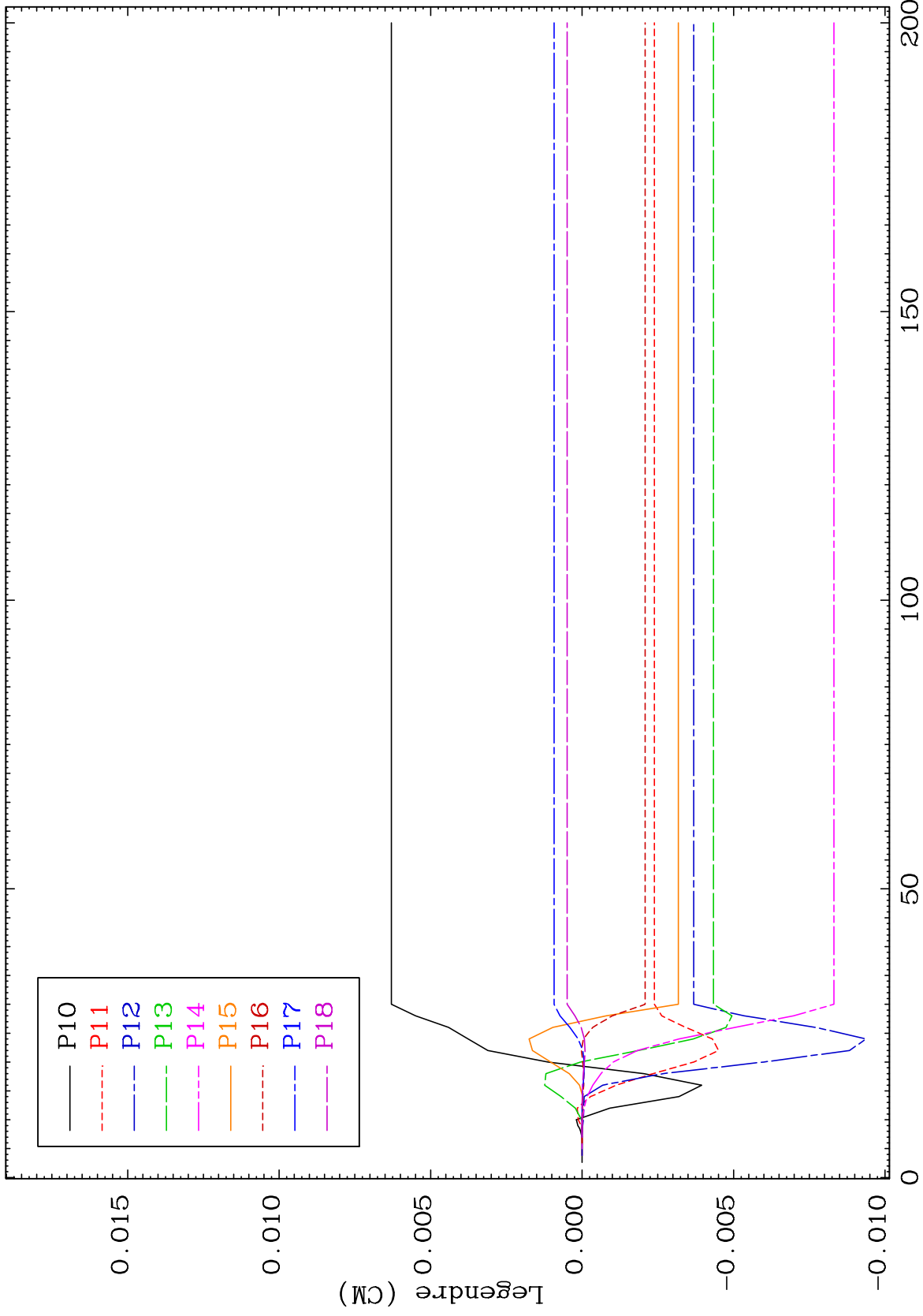




MAT 5073

2.121 MeV (n,n') Level  
Legendre Coefficients

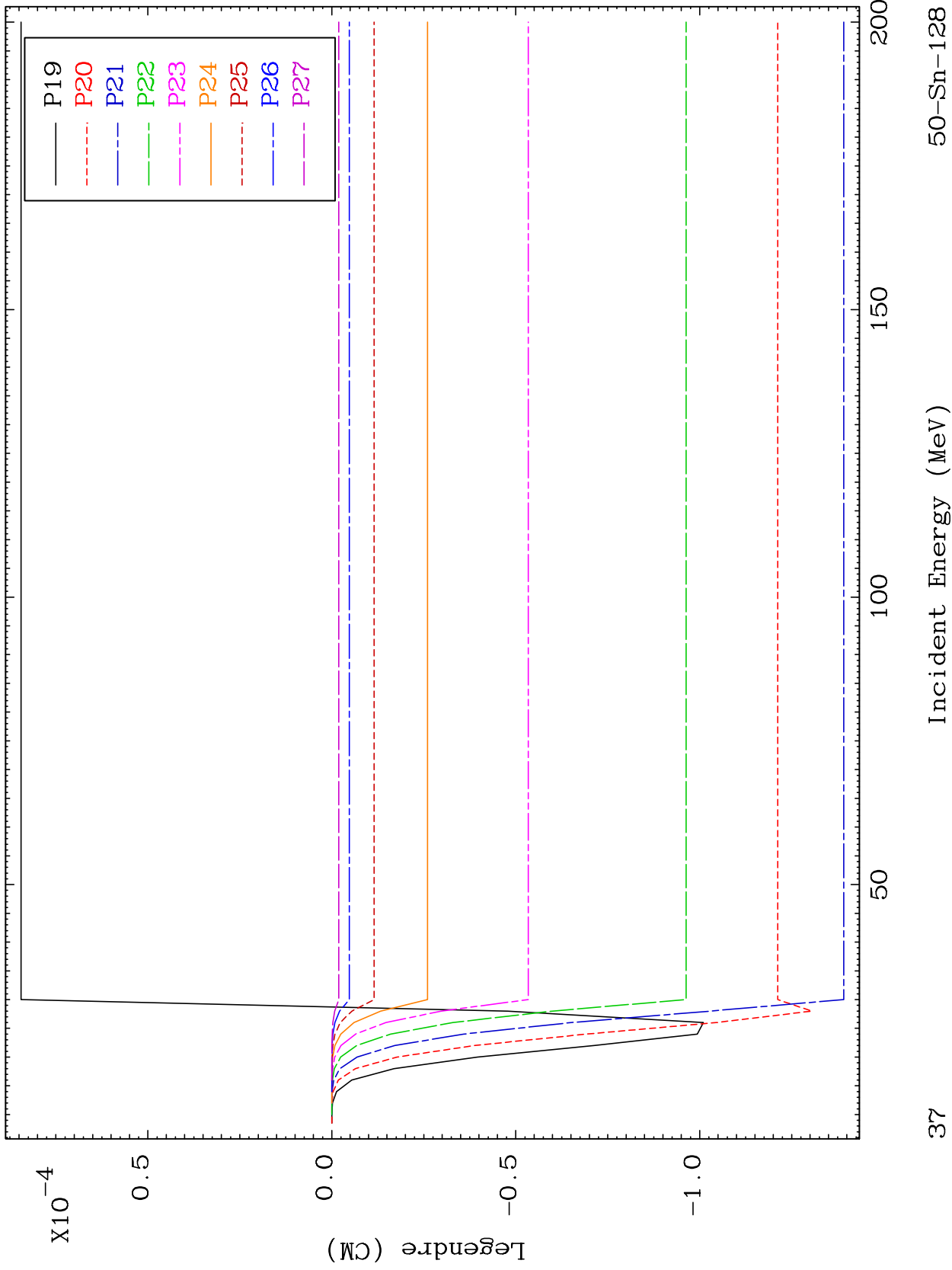
50-Sn-128

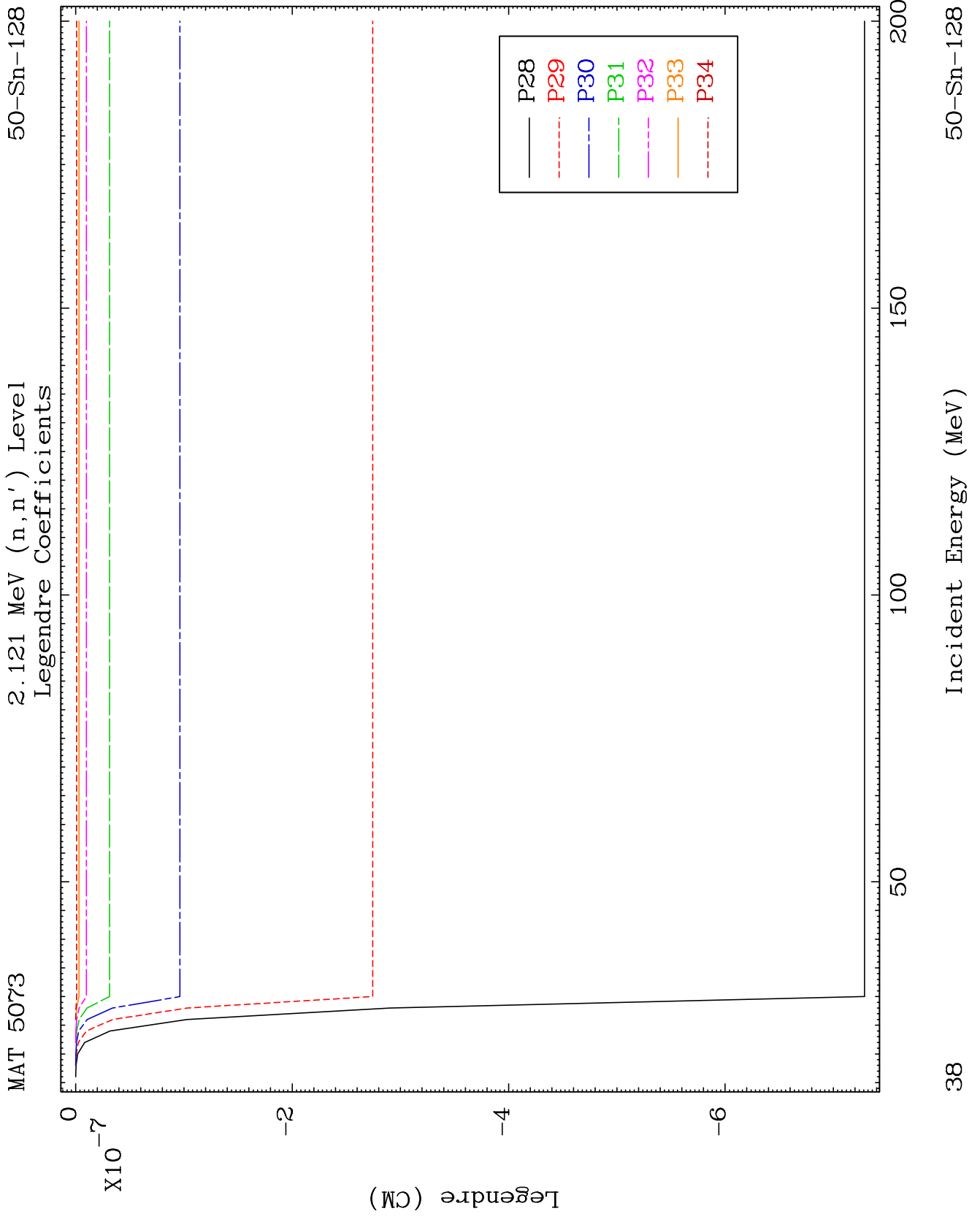


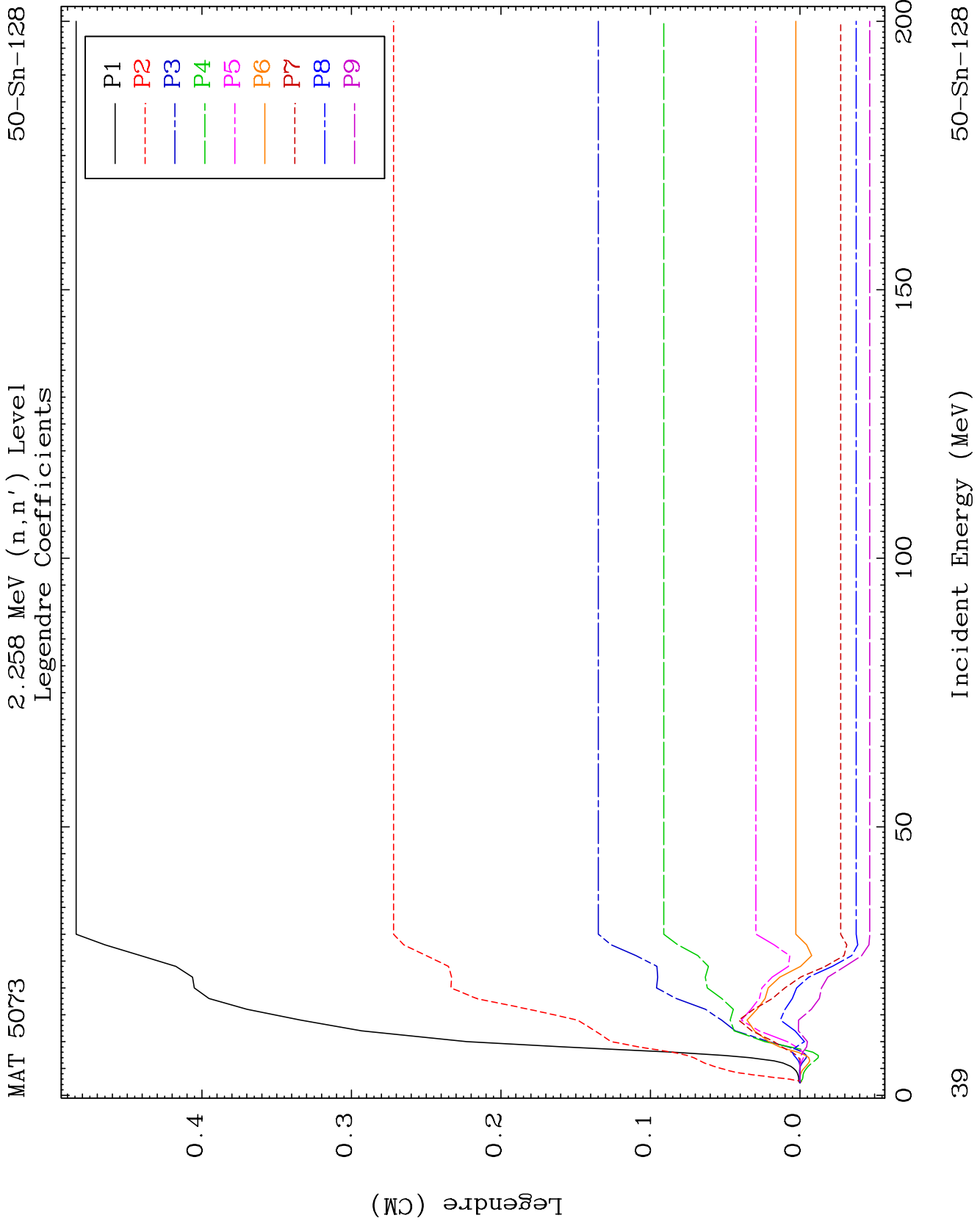
MAT 5073

2.121 MeV (n,n') Level  
Legendre Coefficients

50-Sn-128

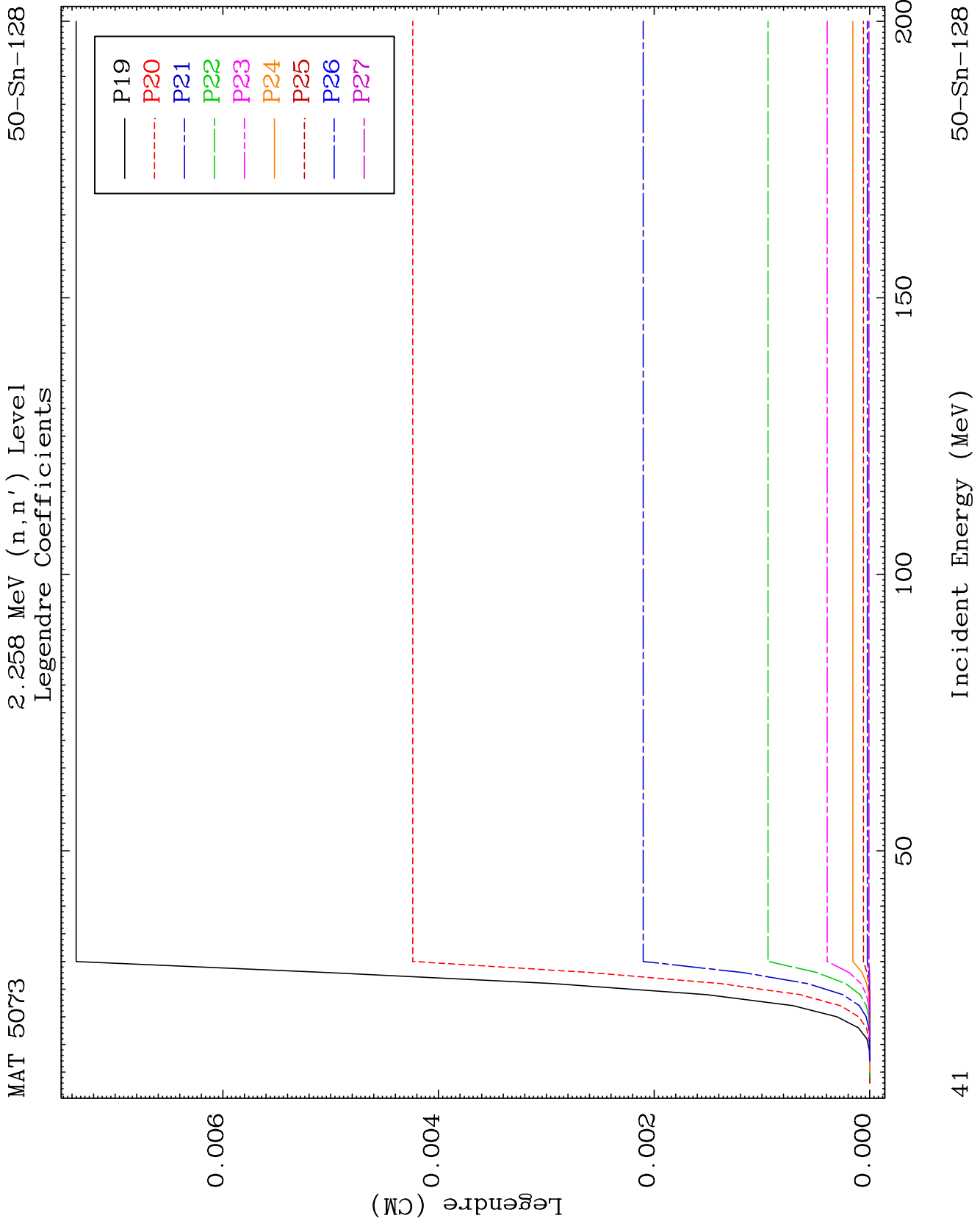


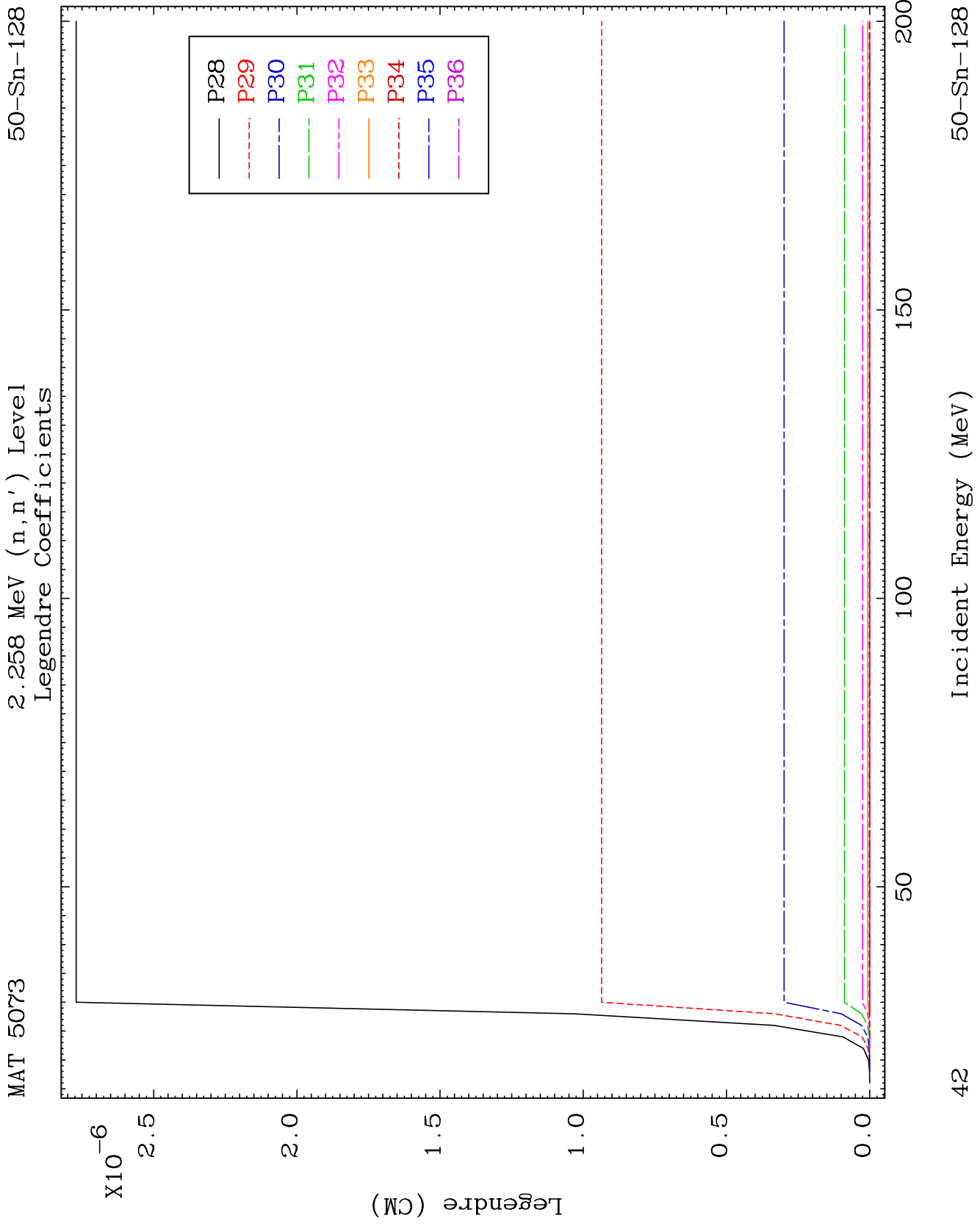


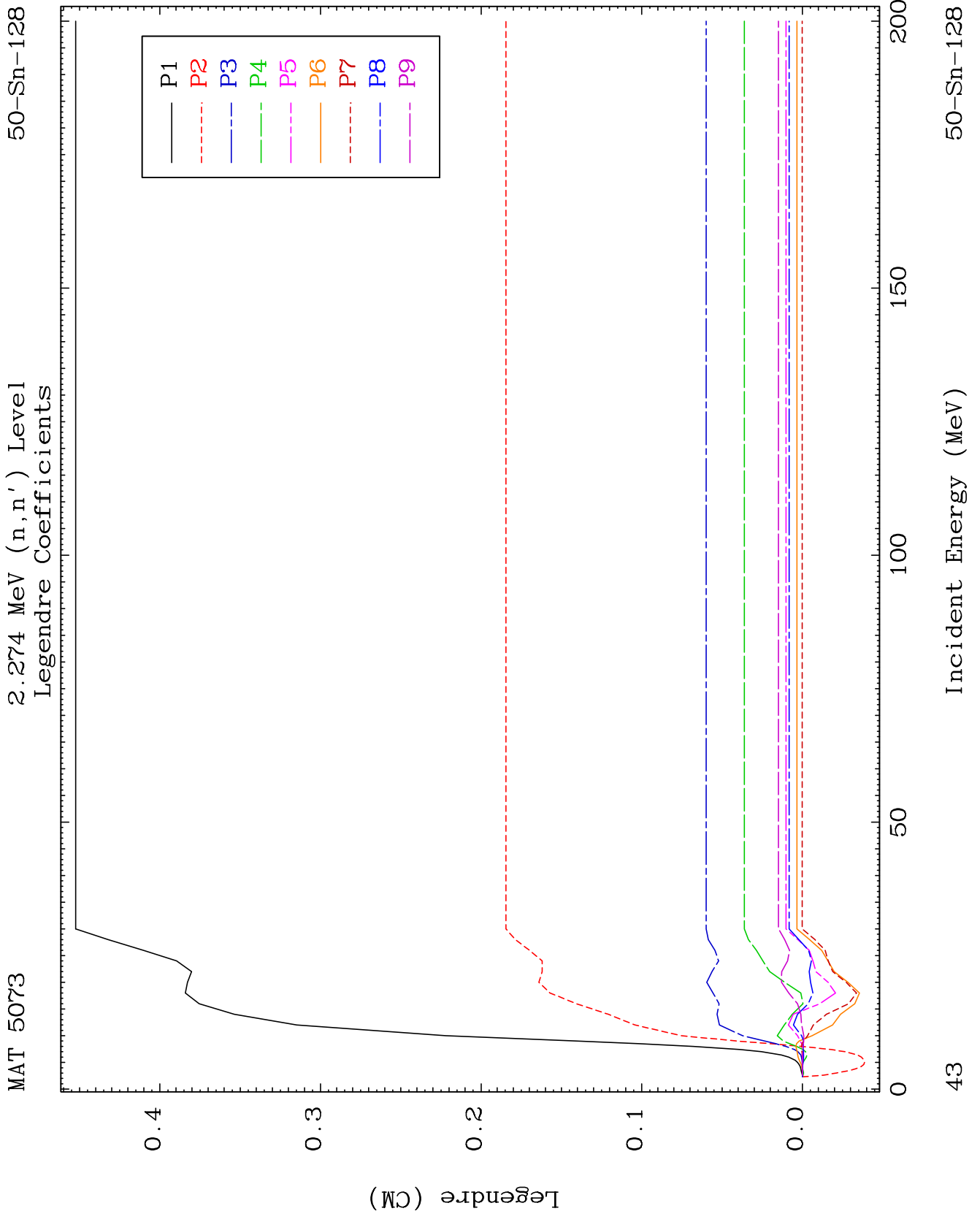








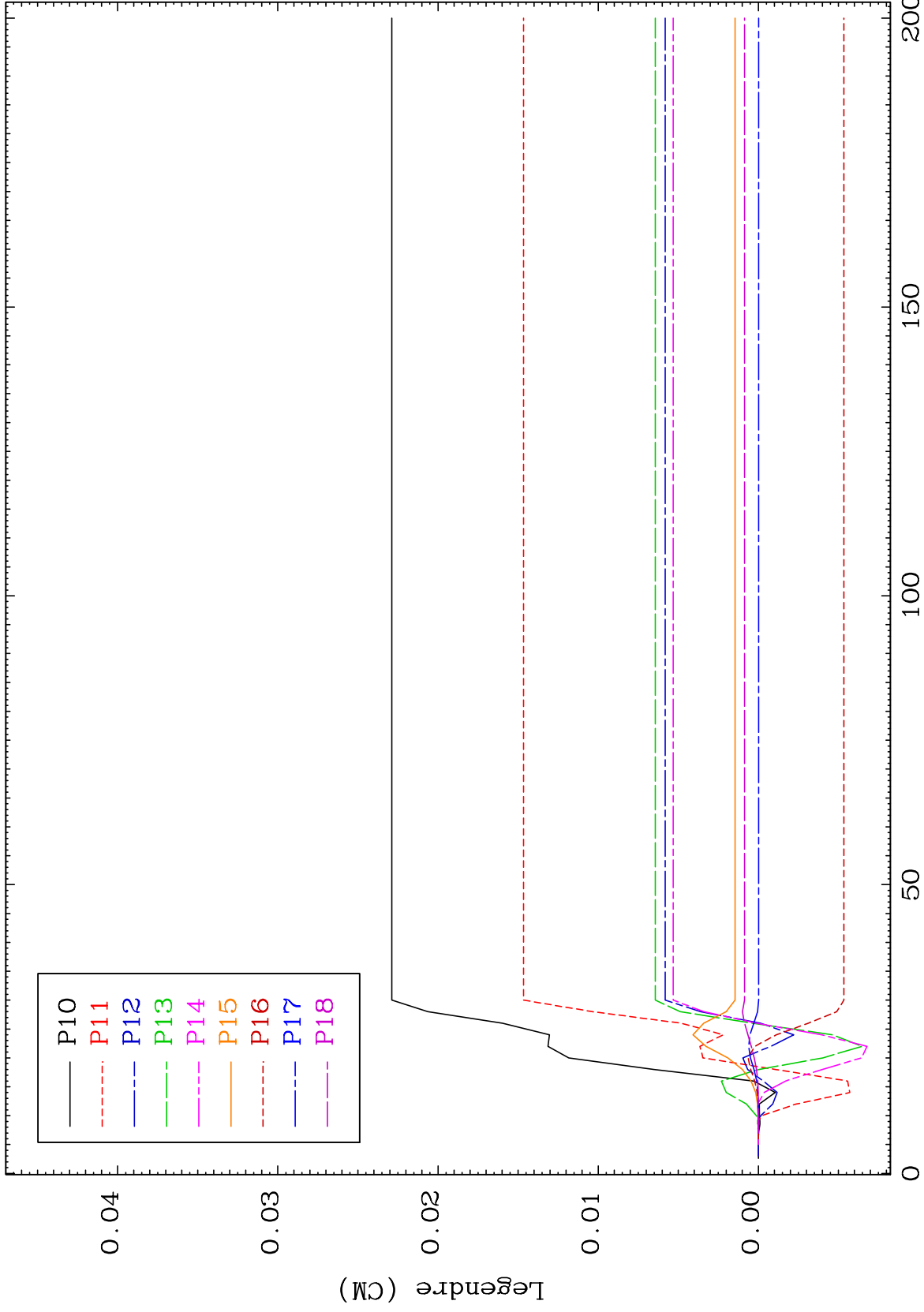




MAT 5073

2.274 MeV (n,n') Level  
Legendre Coefficients

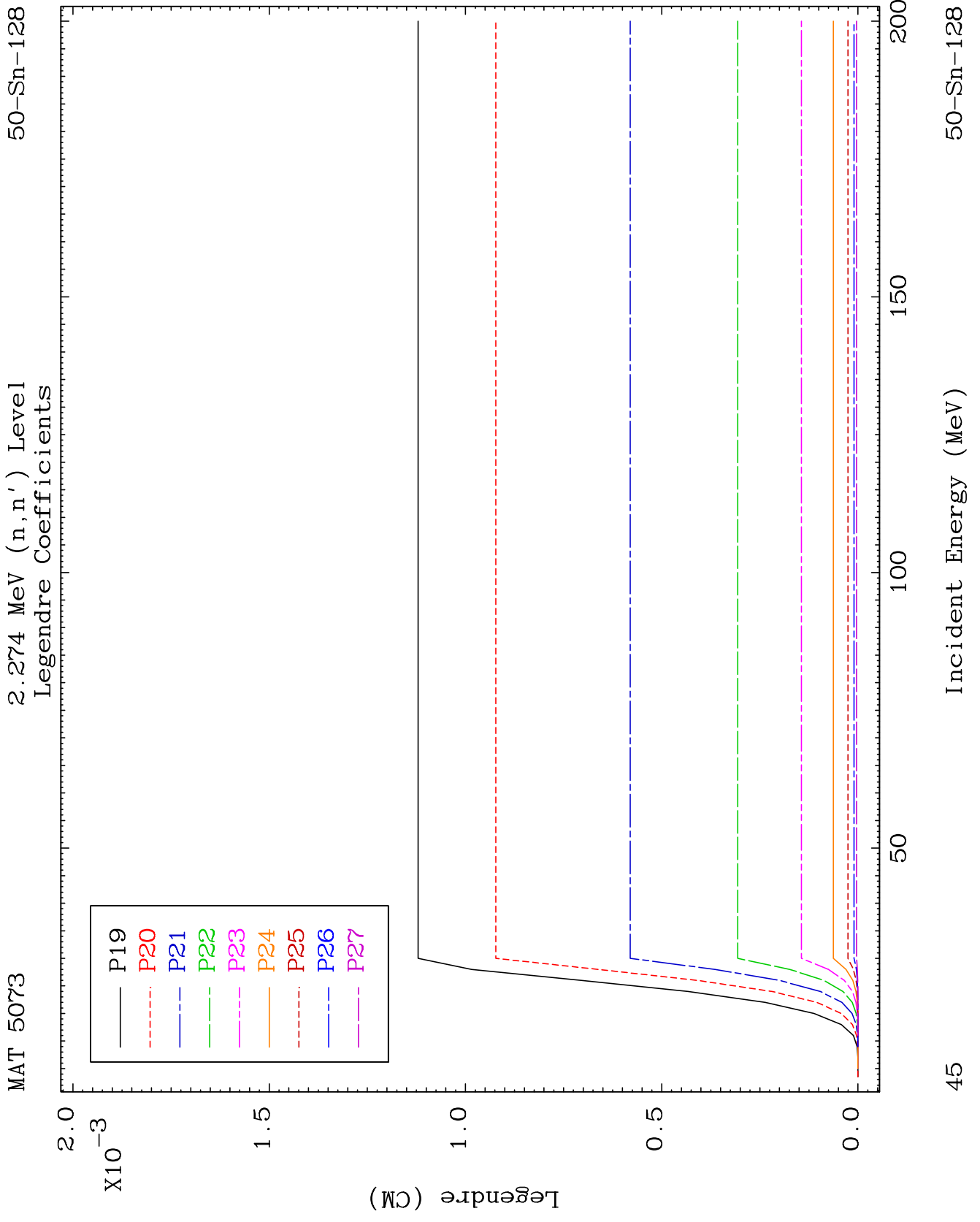
50-Sn-128

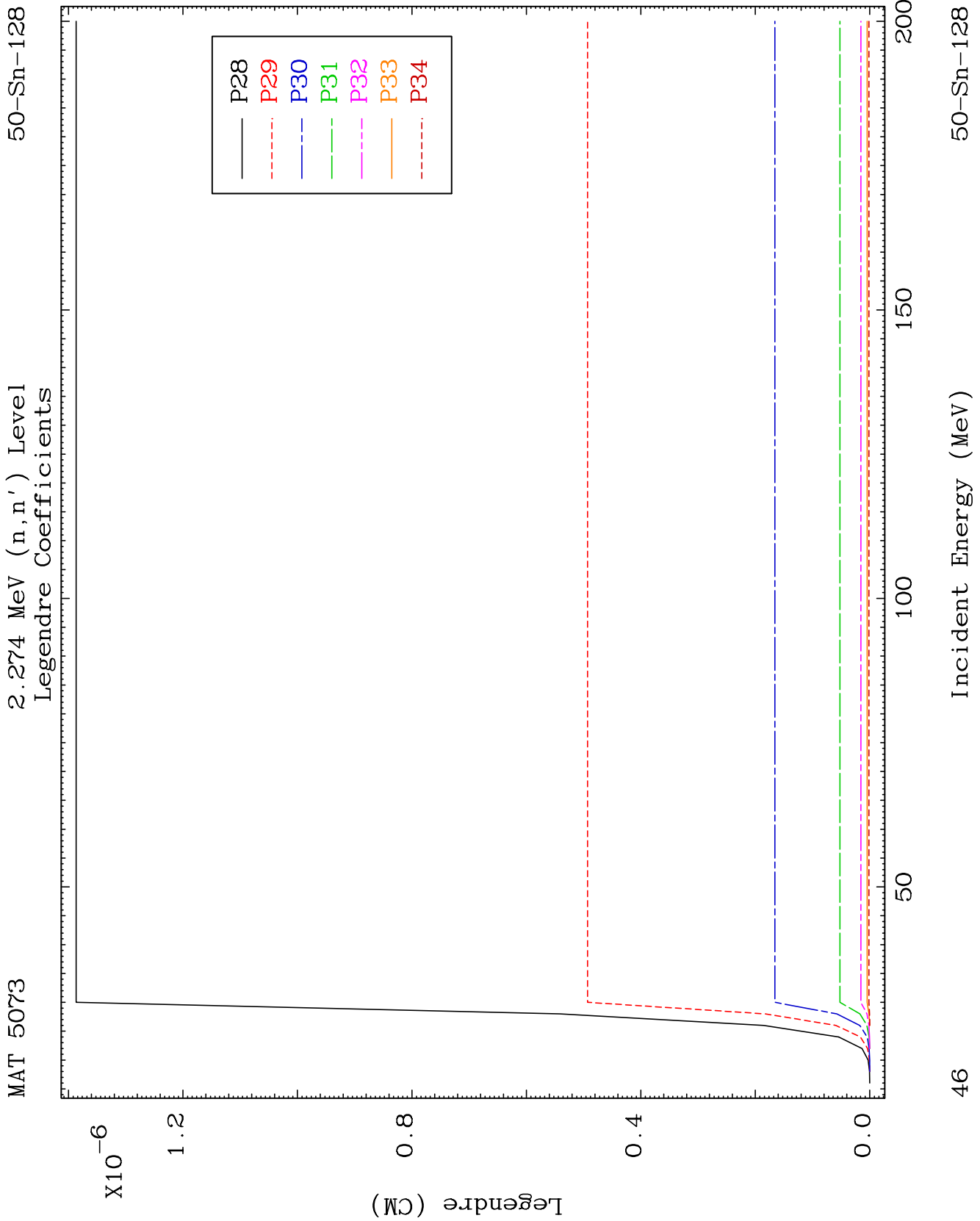


44

Incident Energy (MeV)

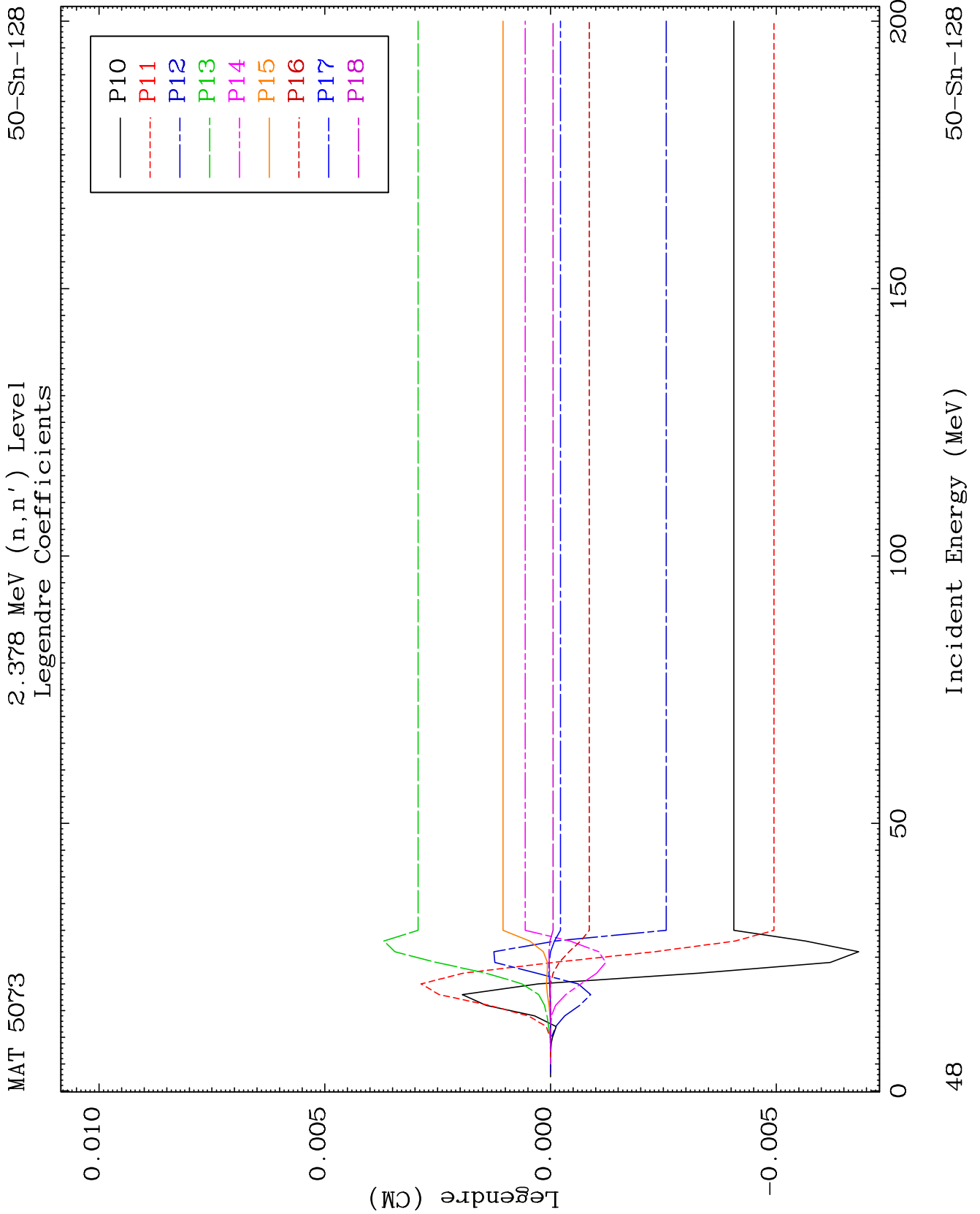
50-Sn-128

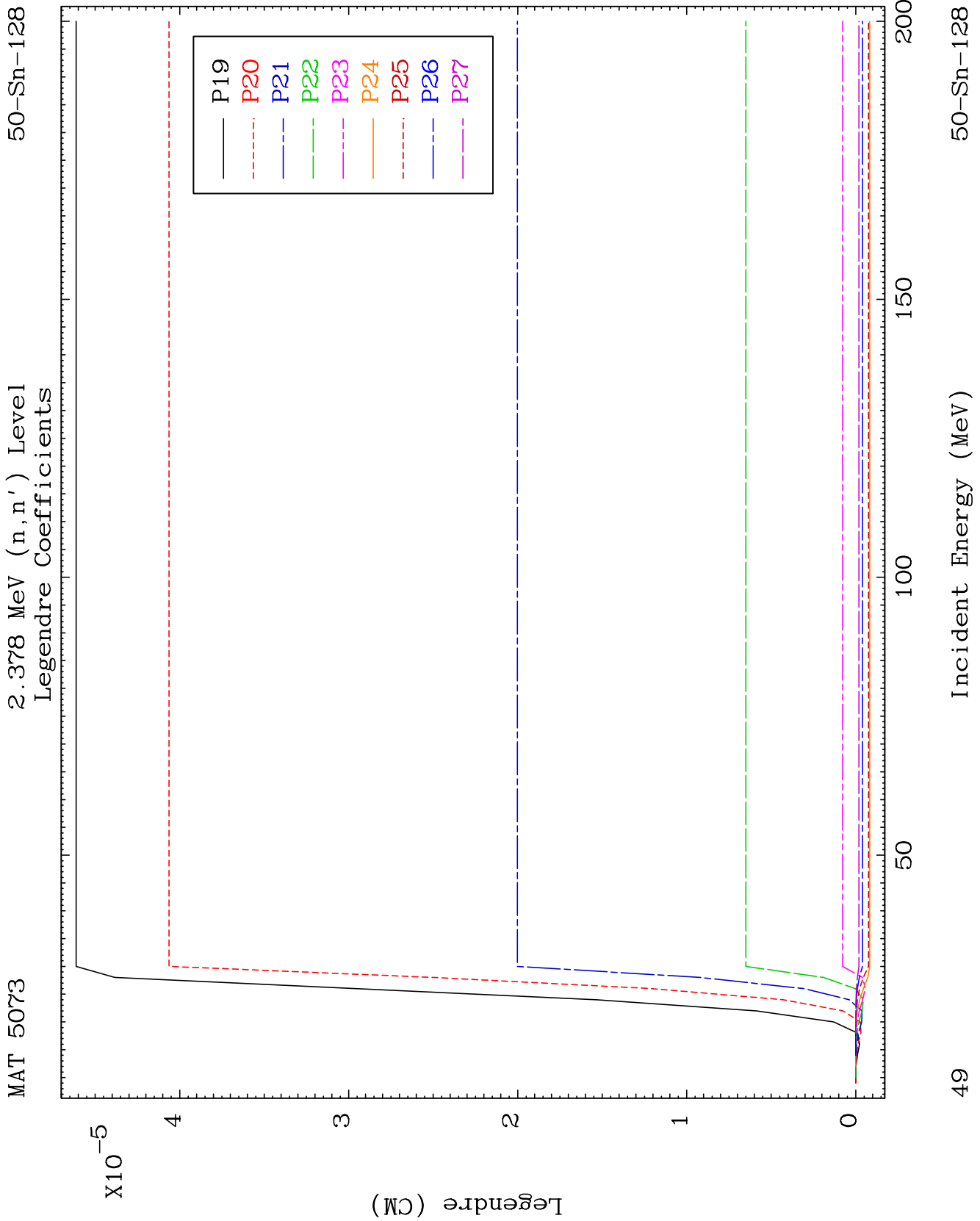




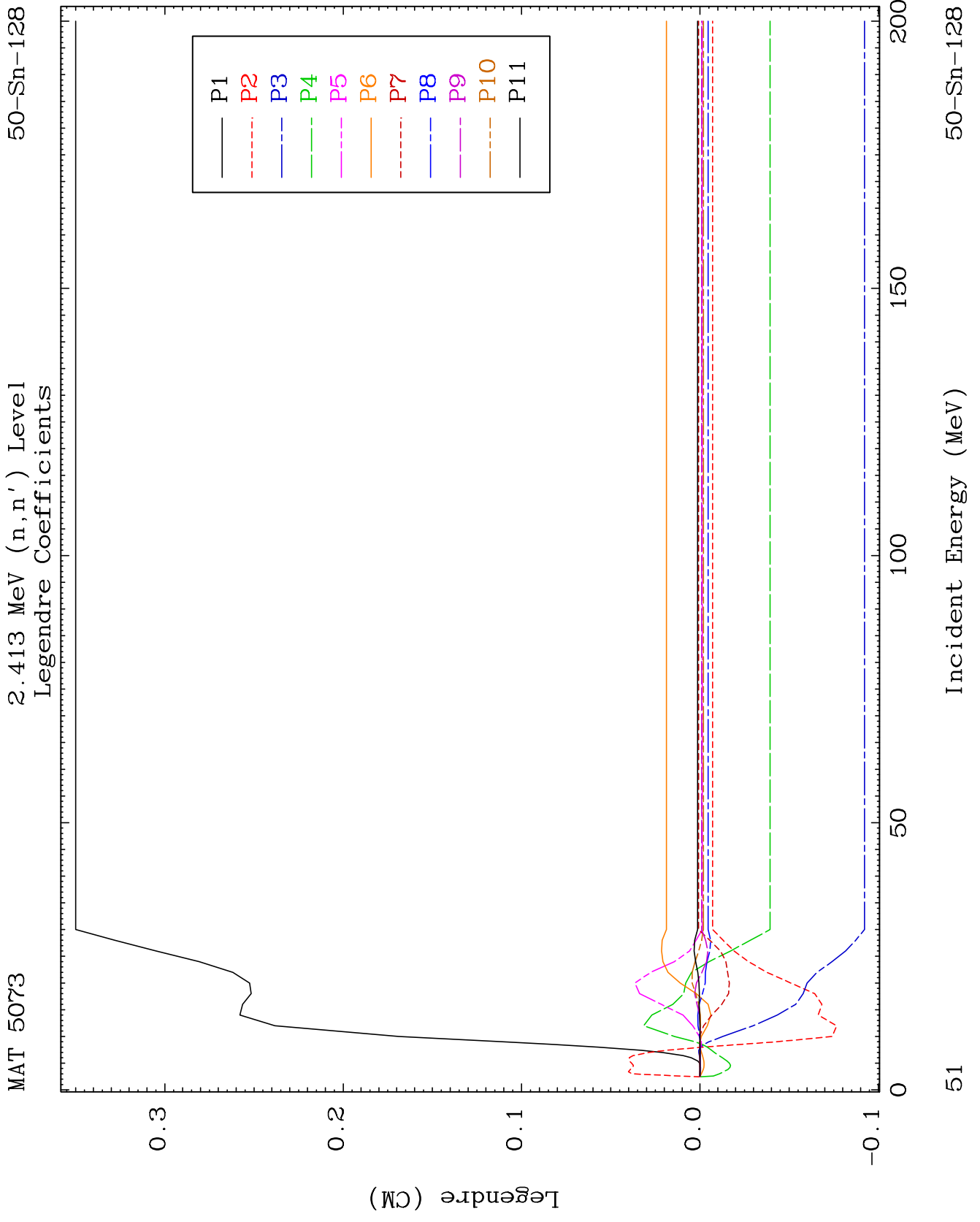








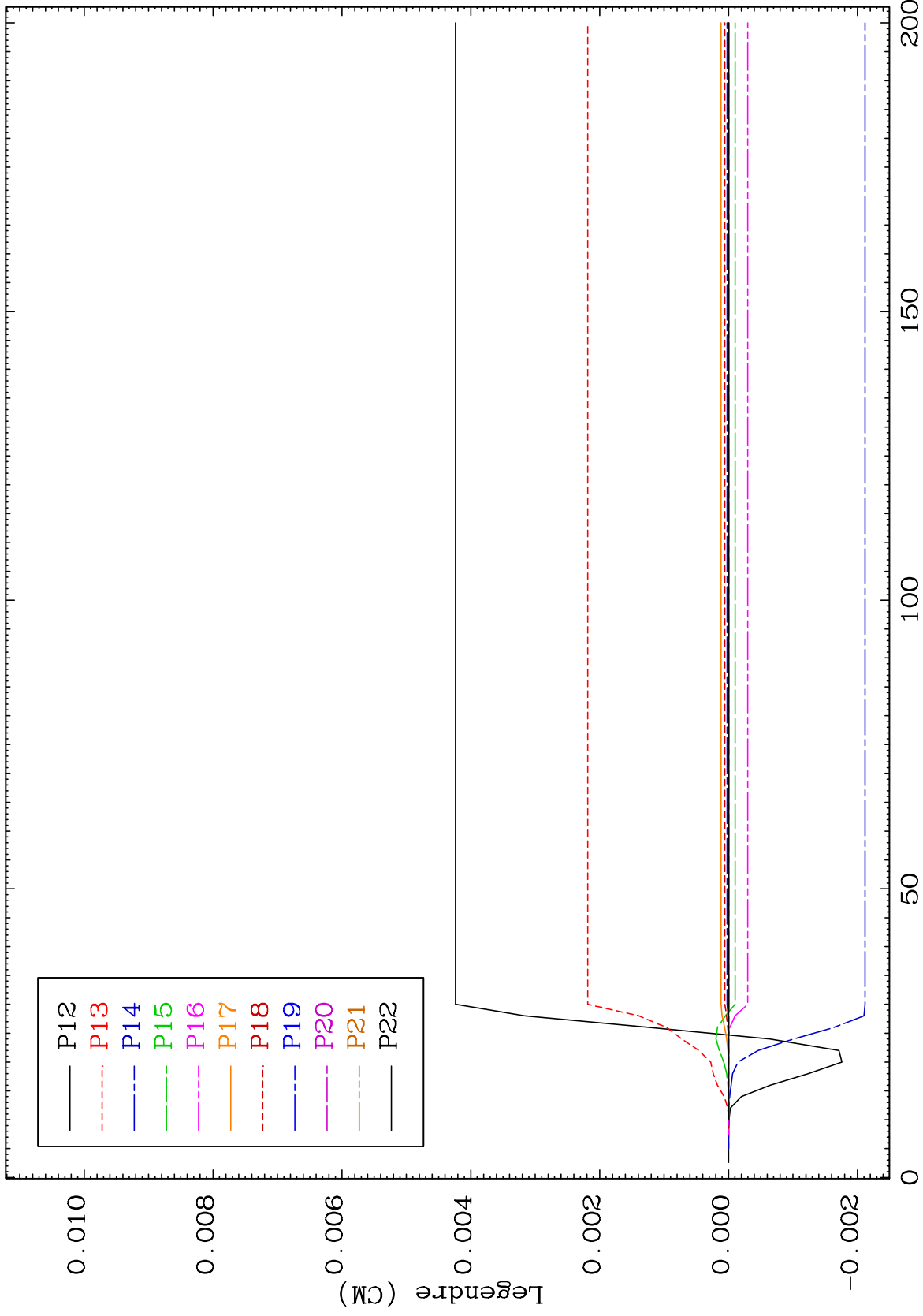




MAT 5073

2.413 MeV (n,n') Level  
Legendre Coefficients

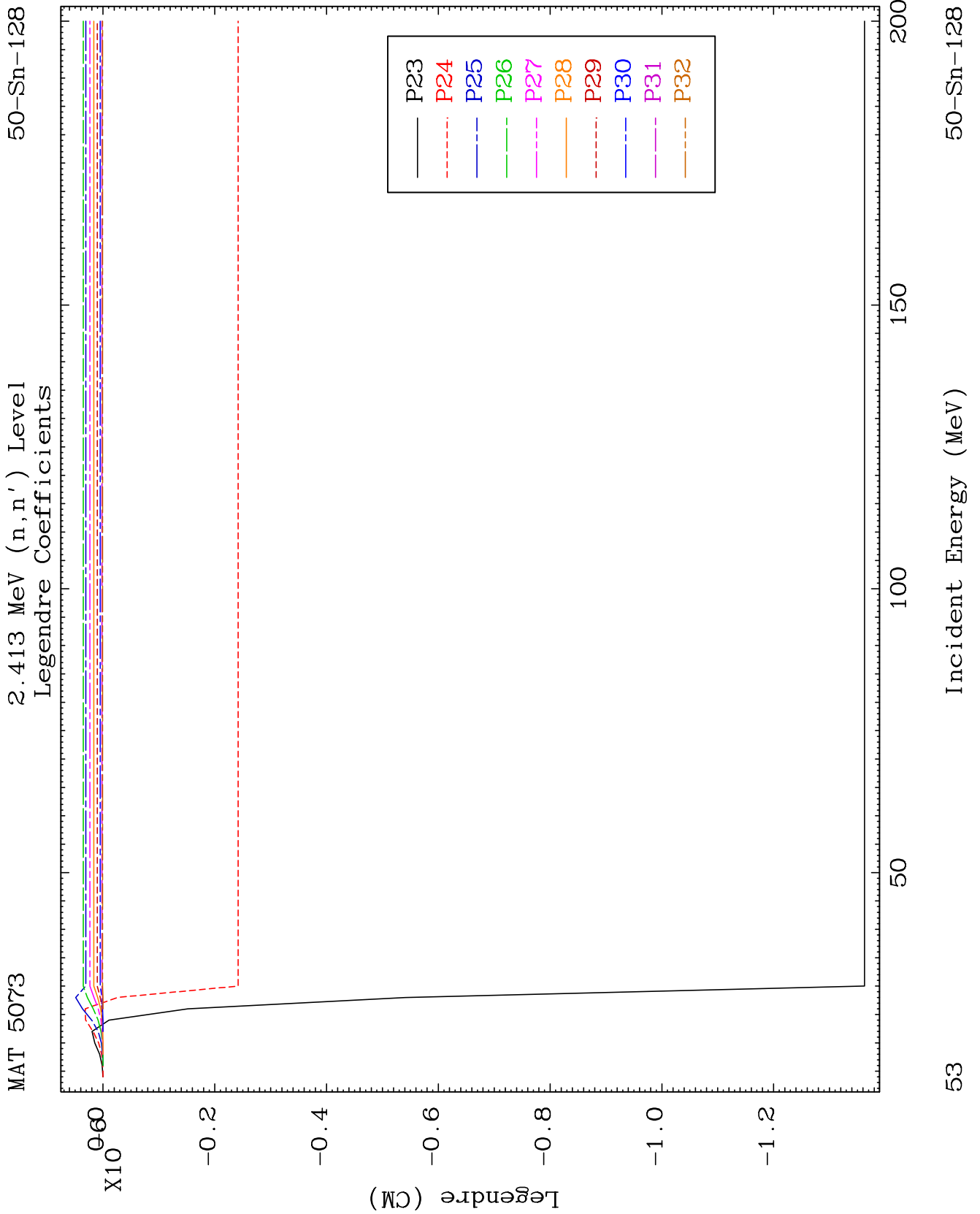
50-Sn-128



52

Incident Energy (MeV)

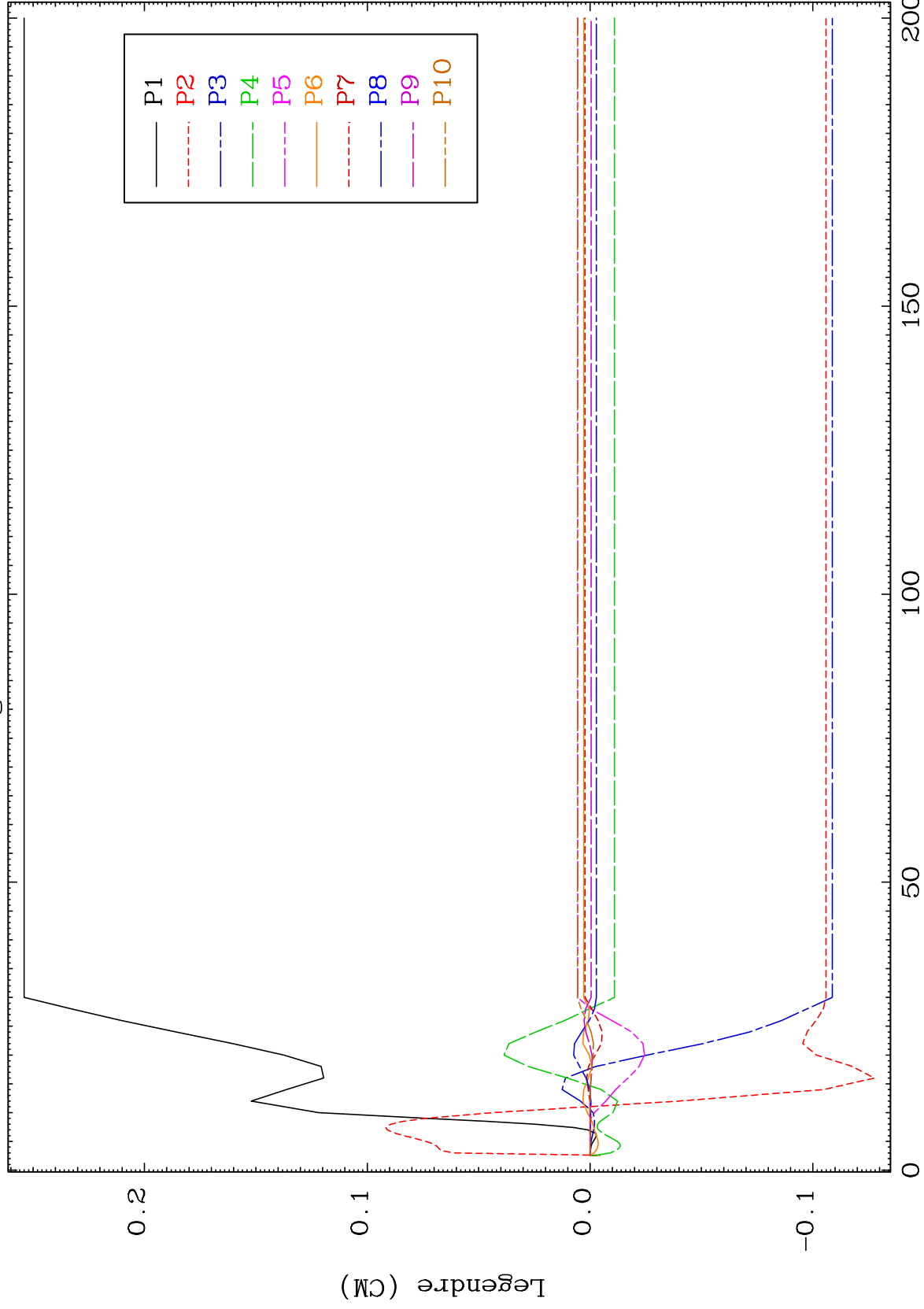
50-Sn-128



MAT 5073

2.492 MeV (n,n') Level  
Legendre Coefficients

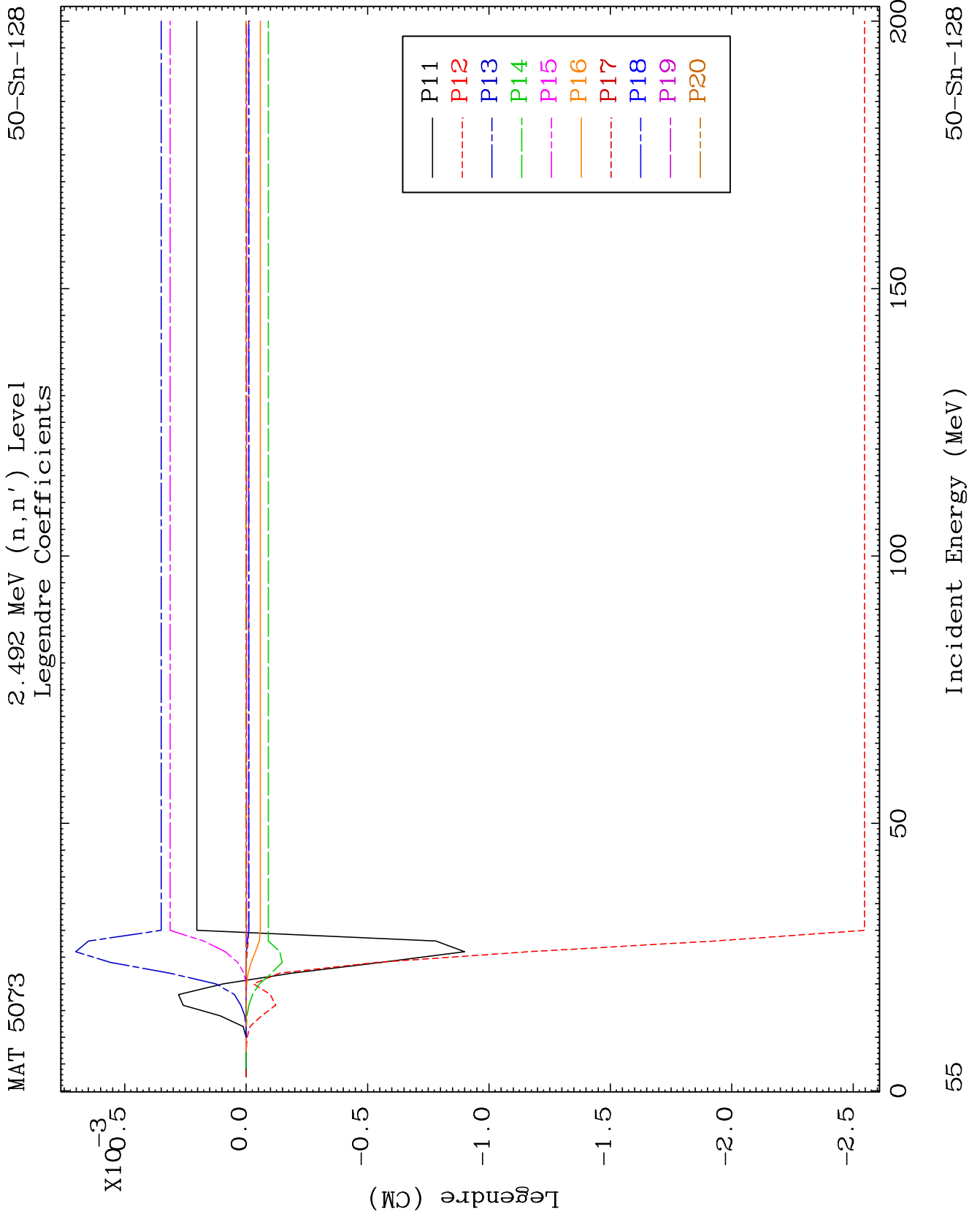
50-Sn-128



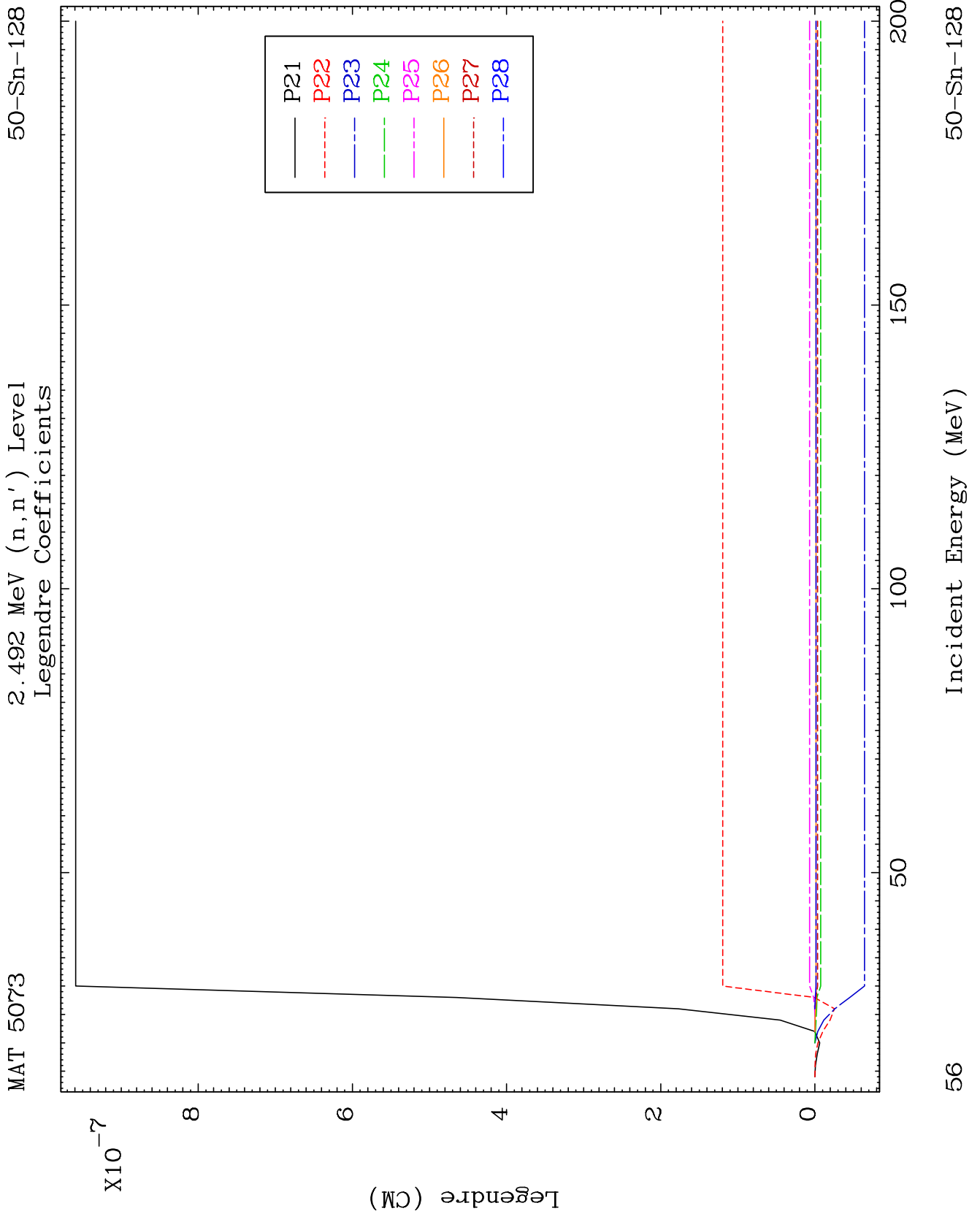
54

Incident Energy (MeV)

50-Sn-128

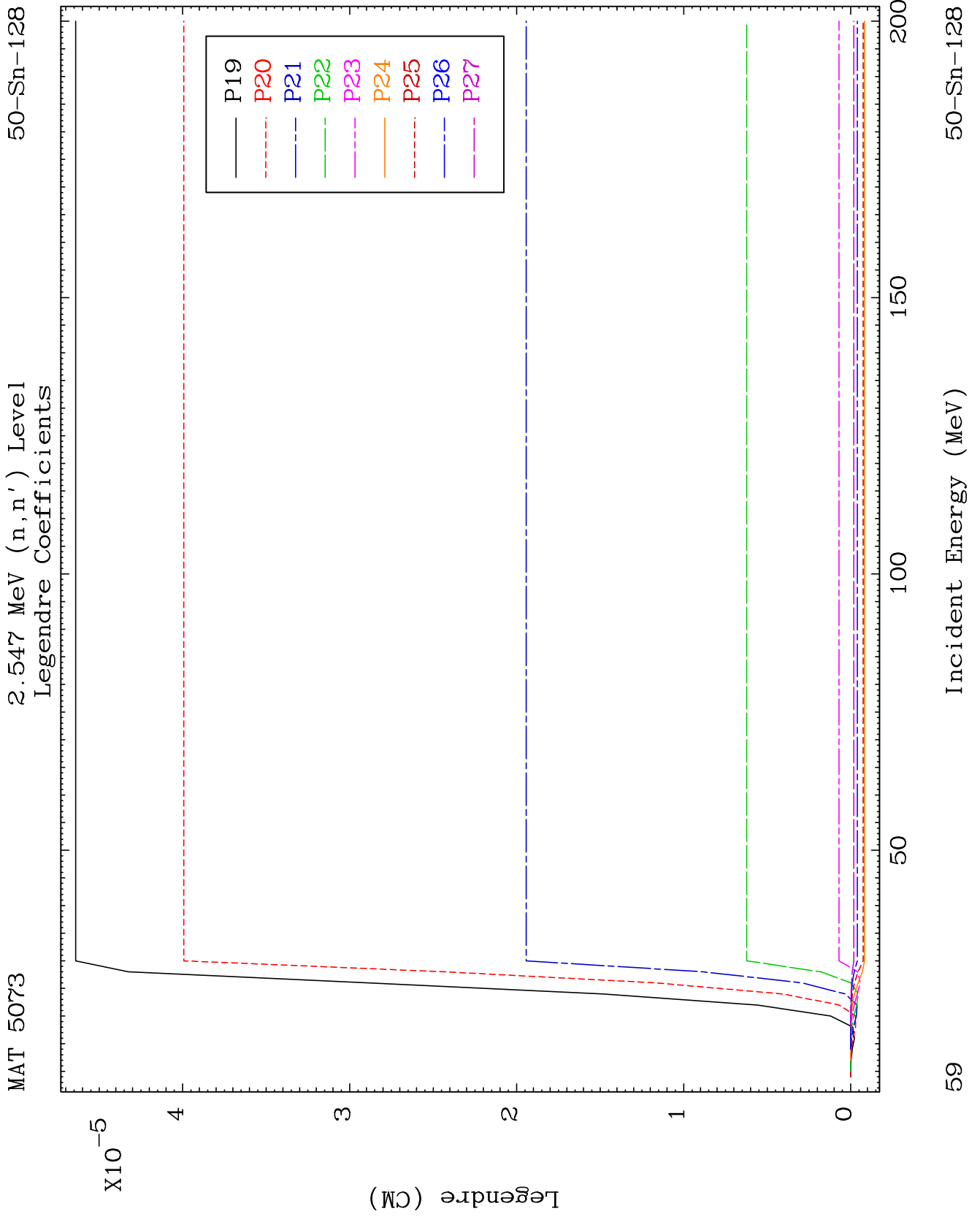


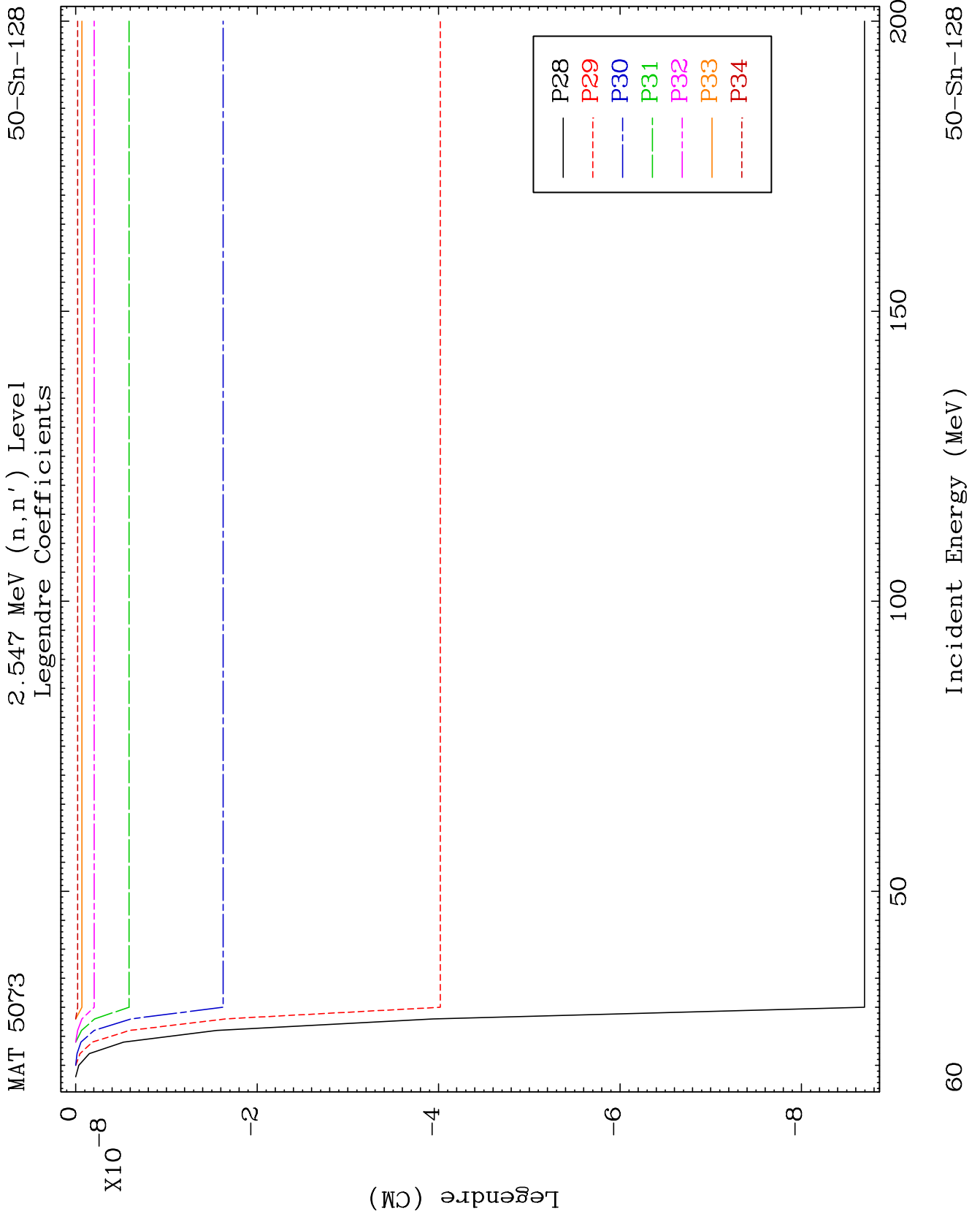


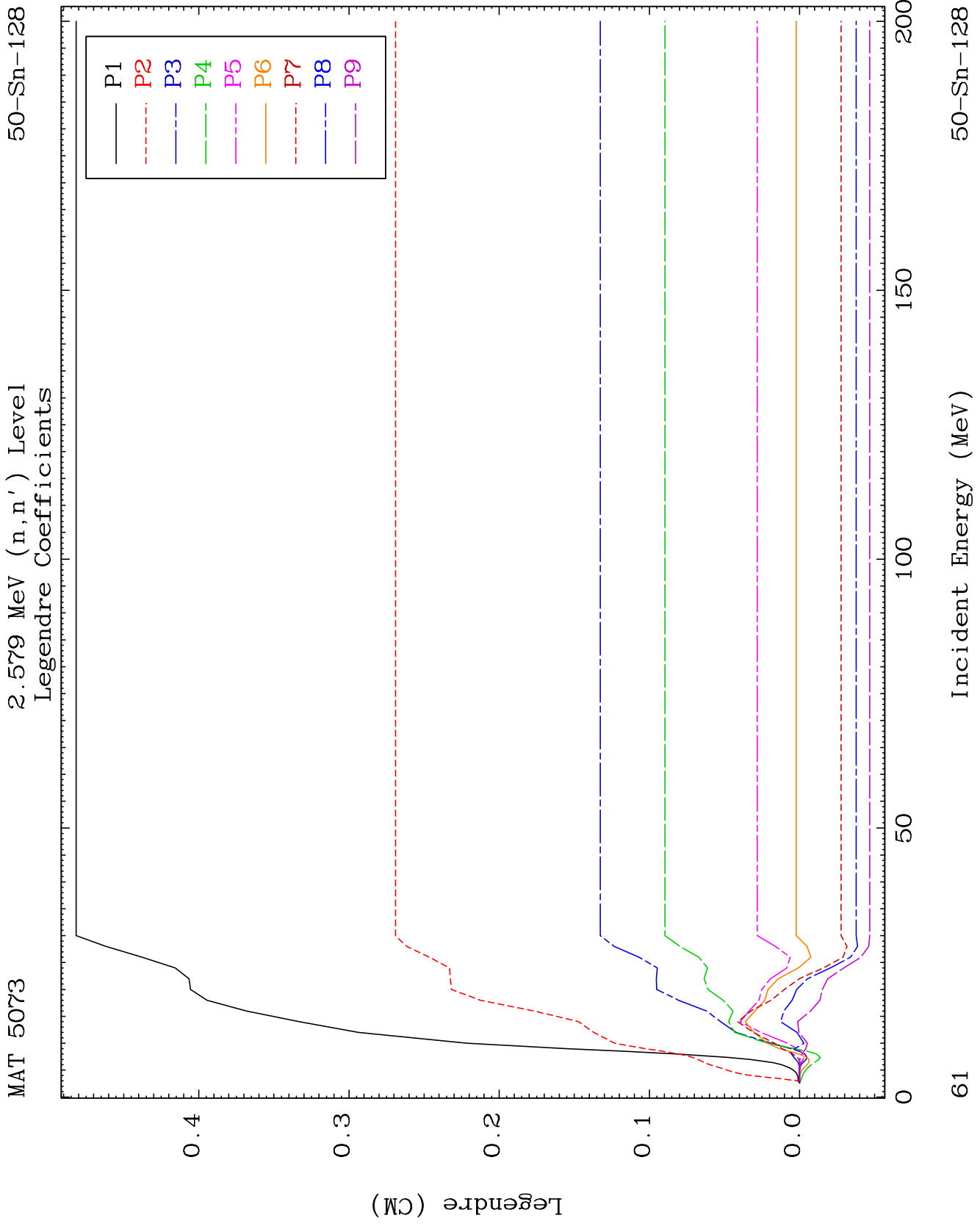


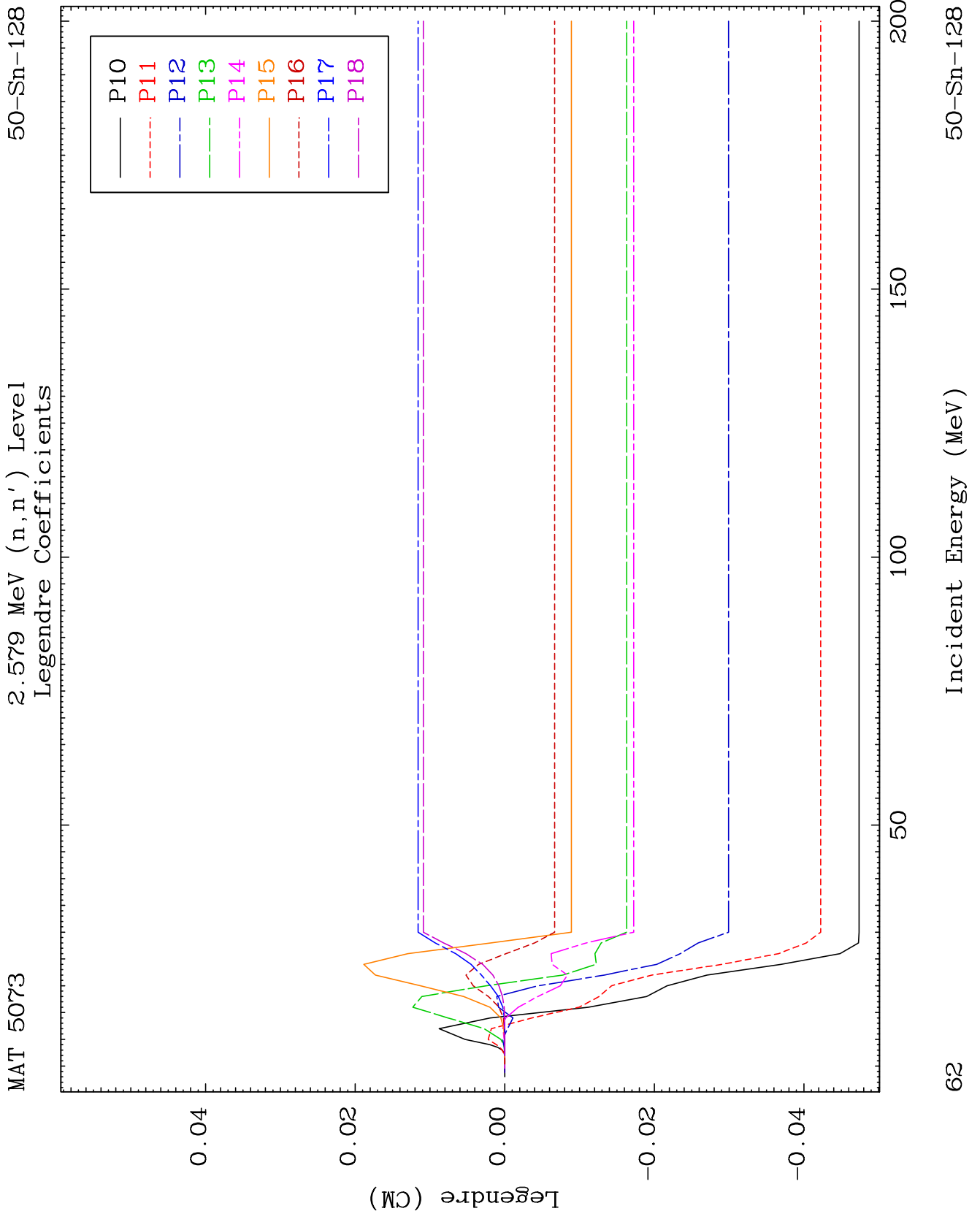


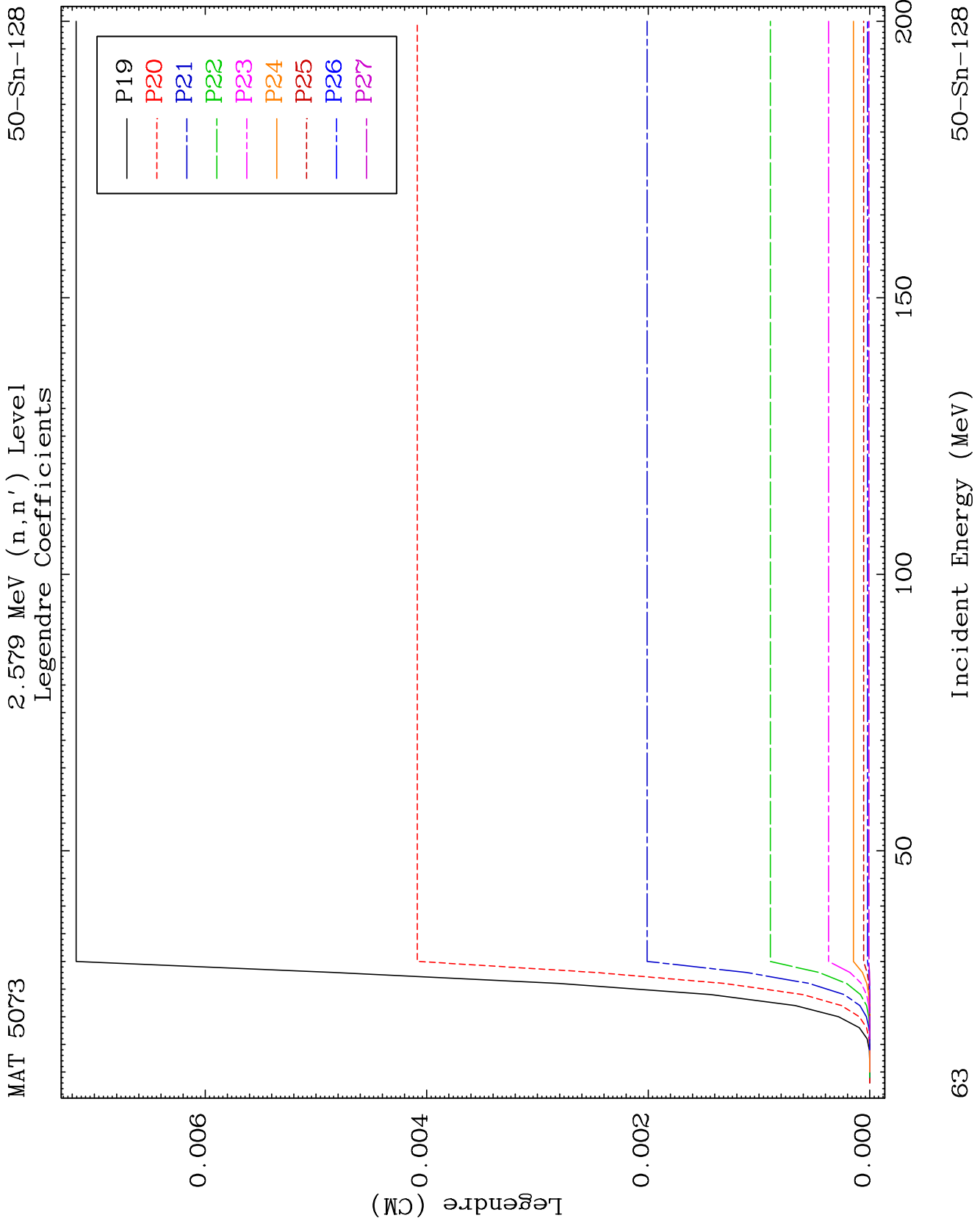




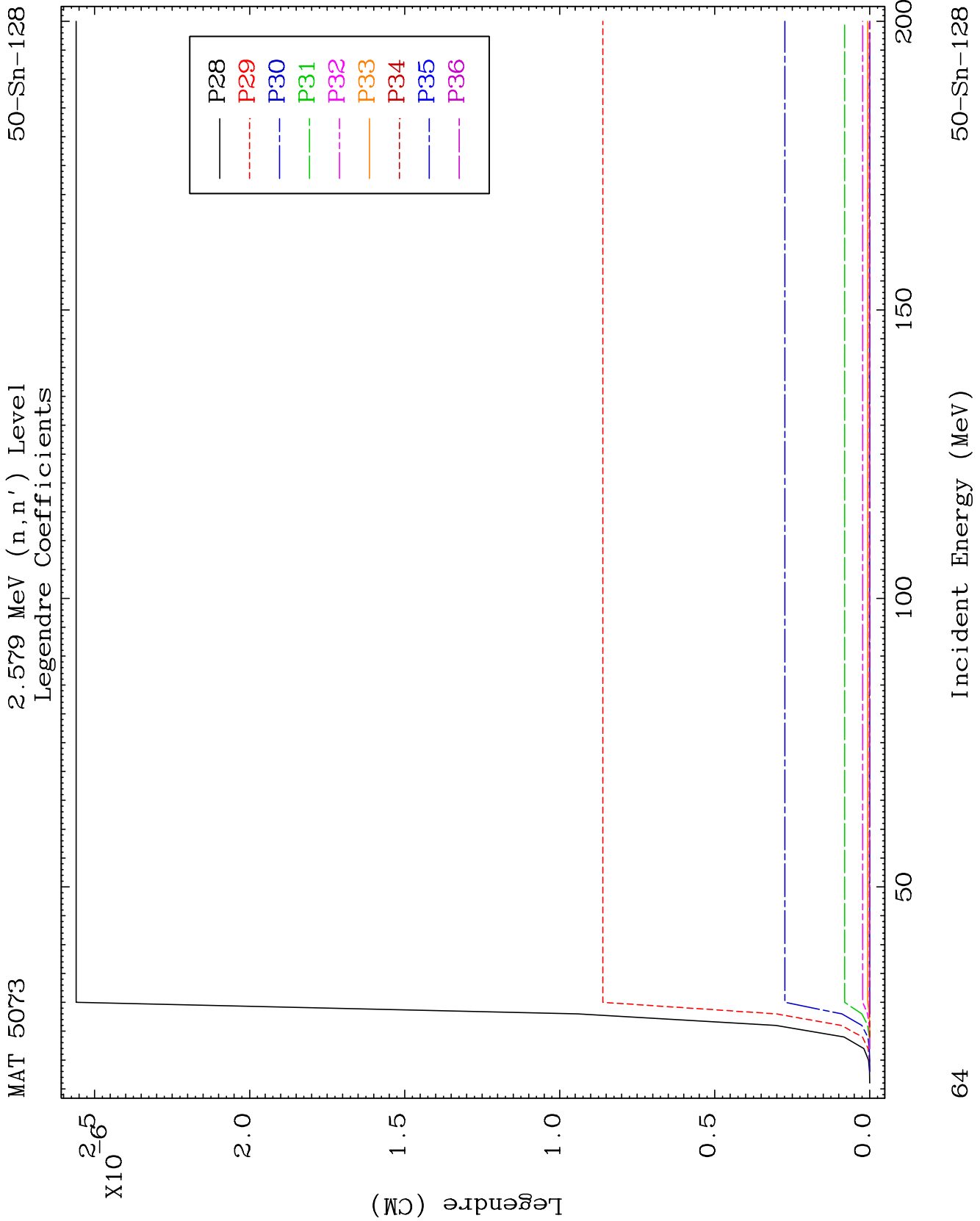


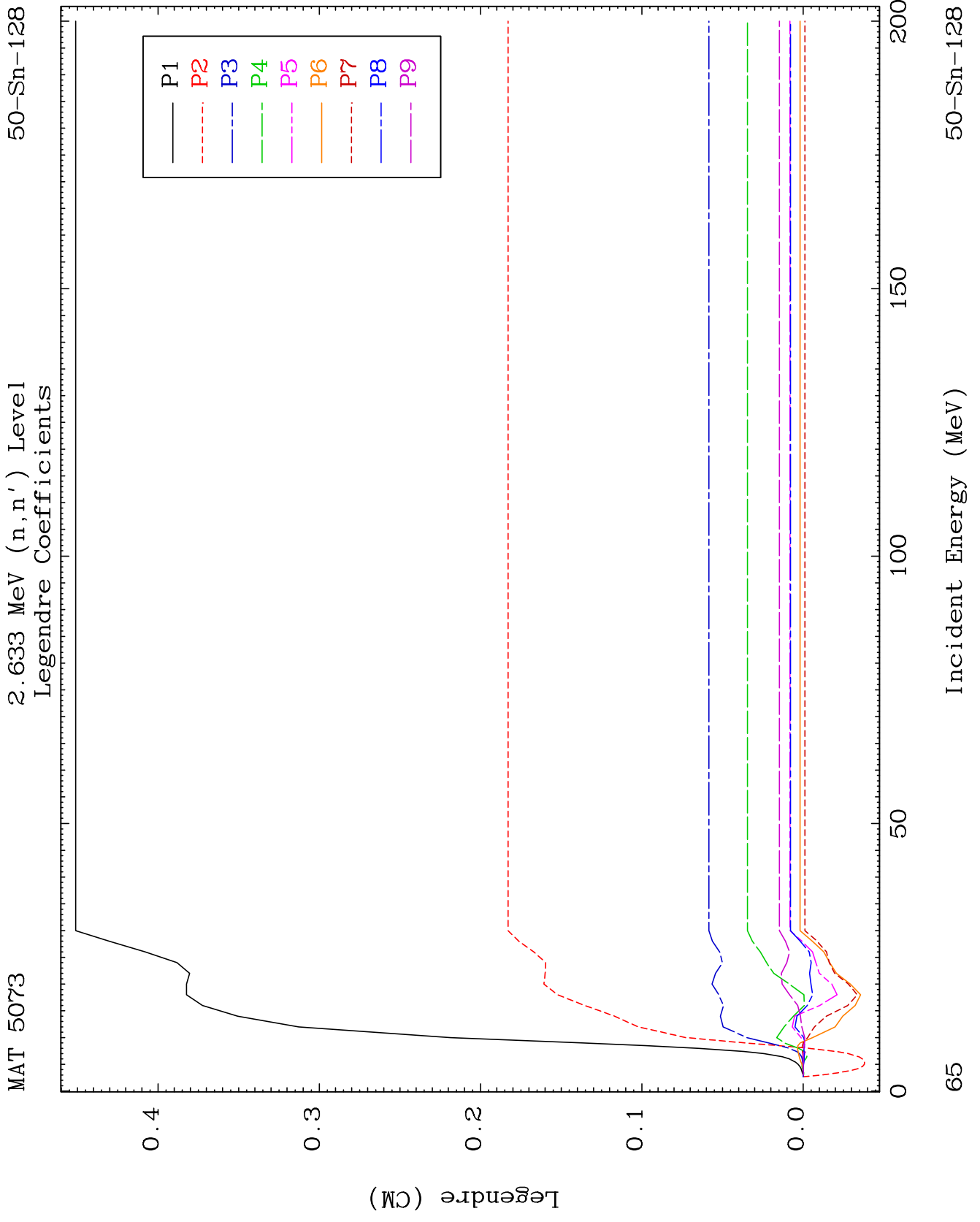








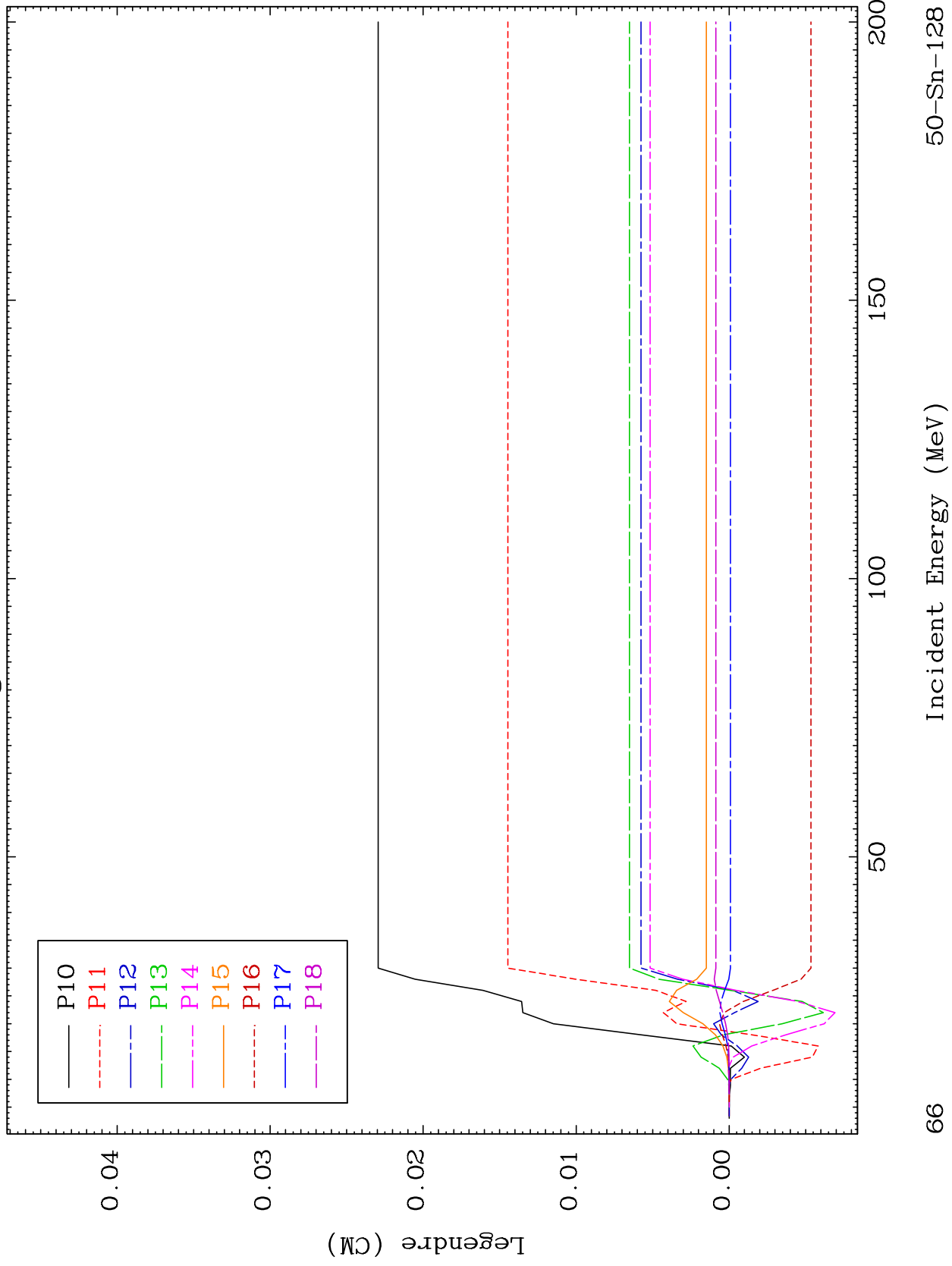




MAT 5073

2.633 MeV (n,n') Level  
Legendre Coefficients

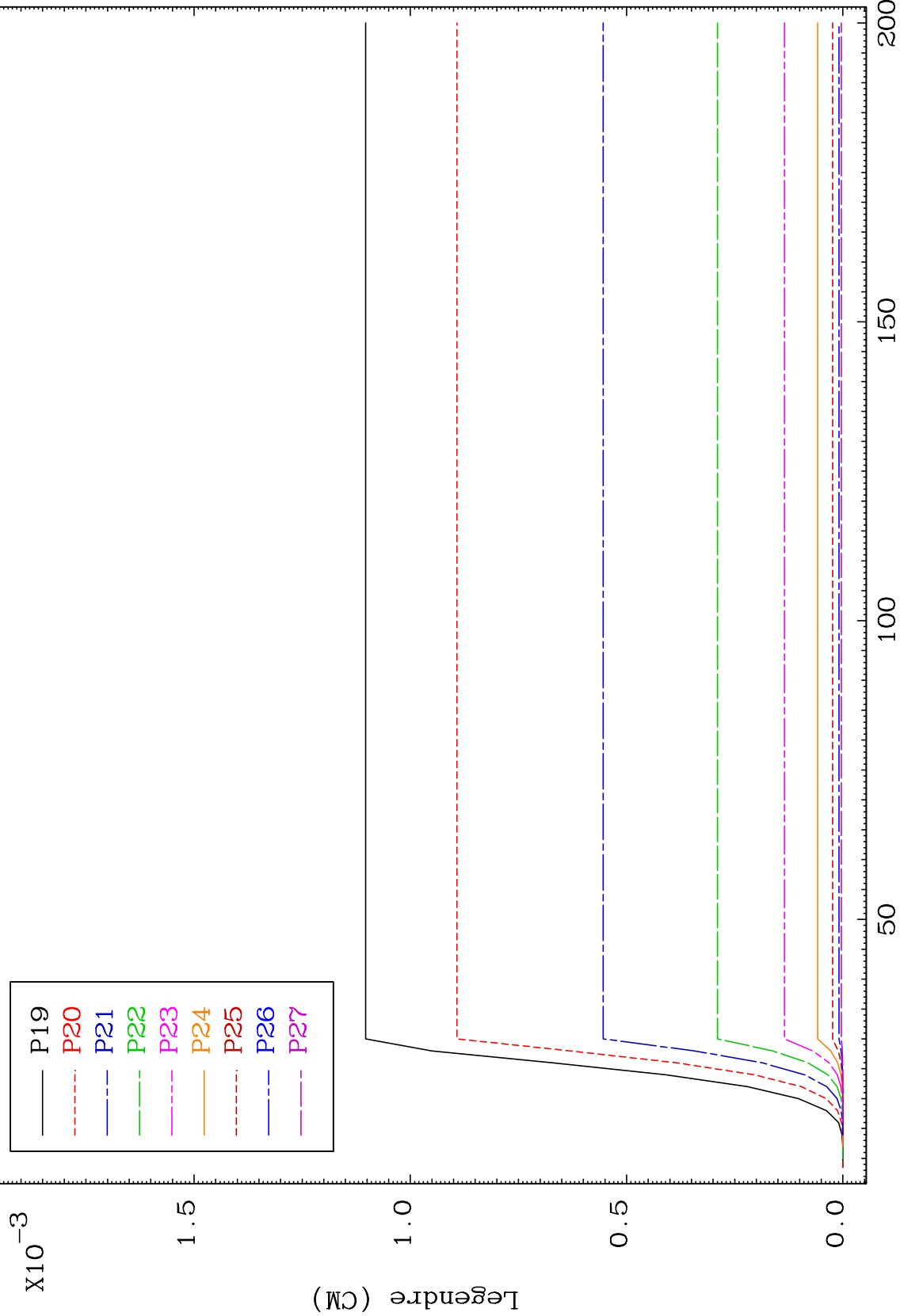
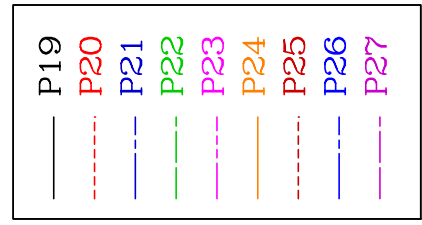
50-Sn-128



MAT 5073

2.633 MeV (n,n') Level  
Legendre Coefficients

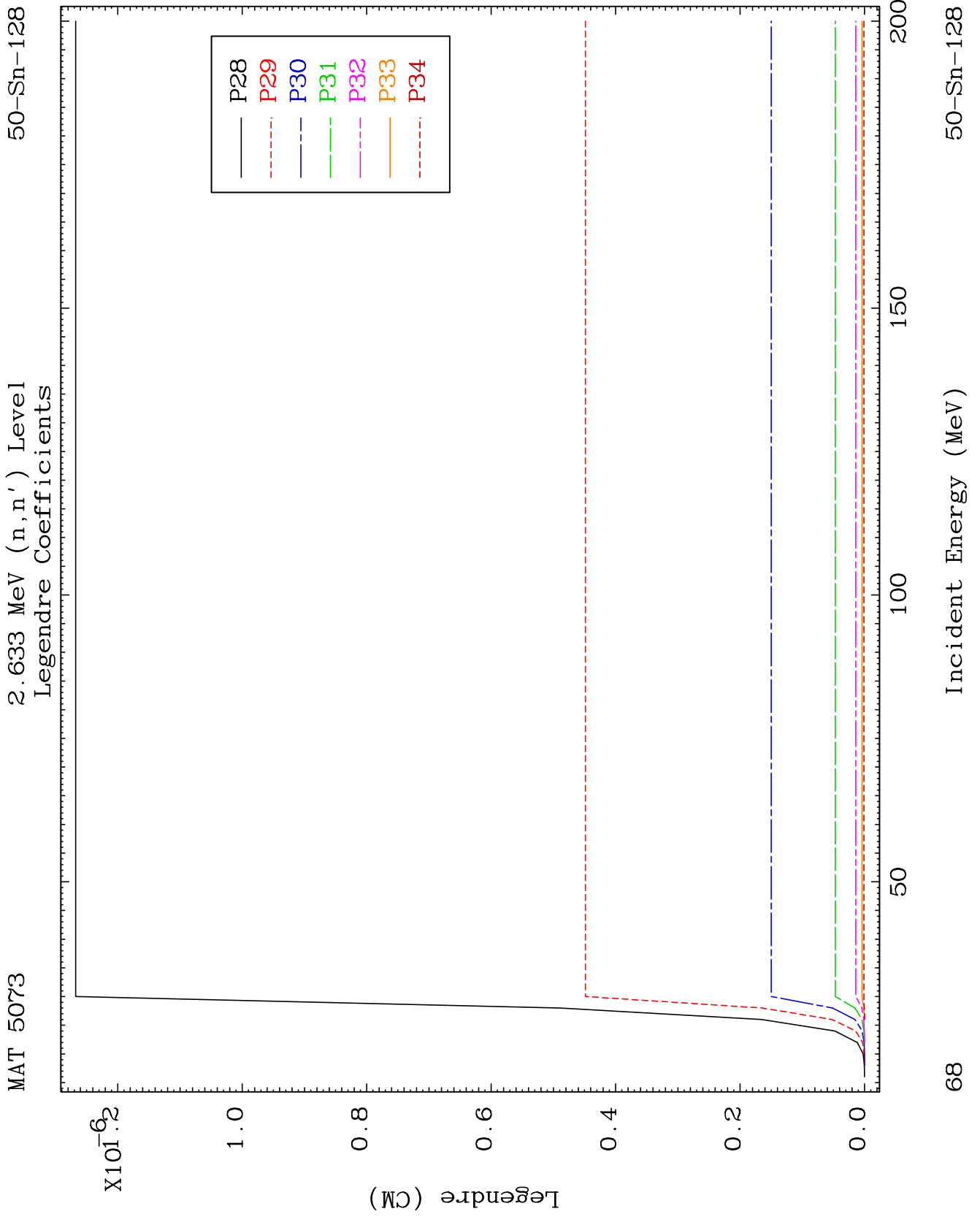
50-Sn-128



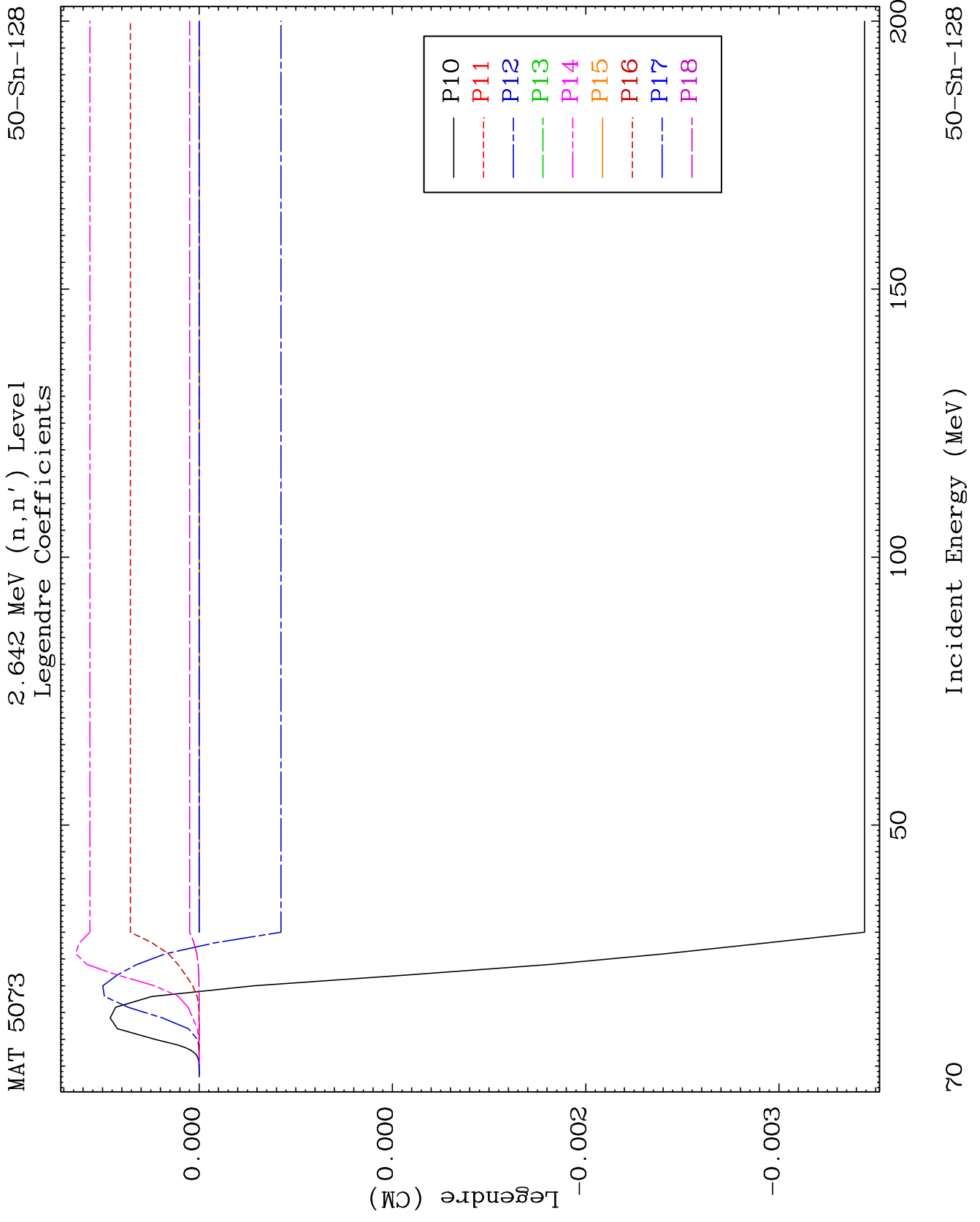
67

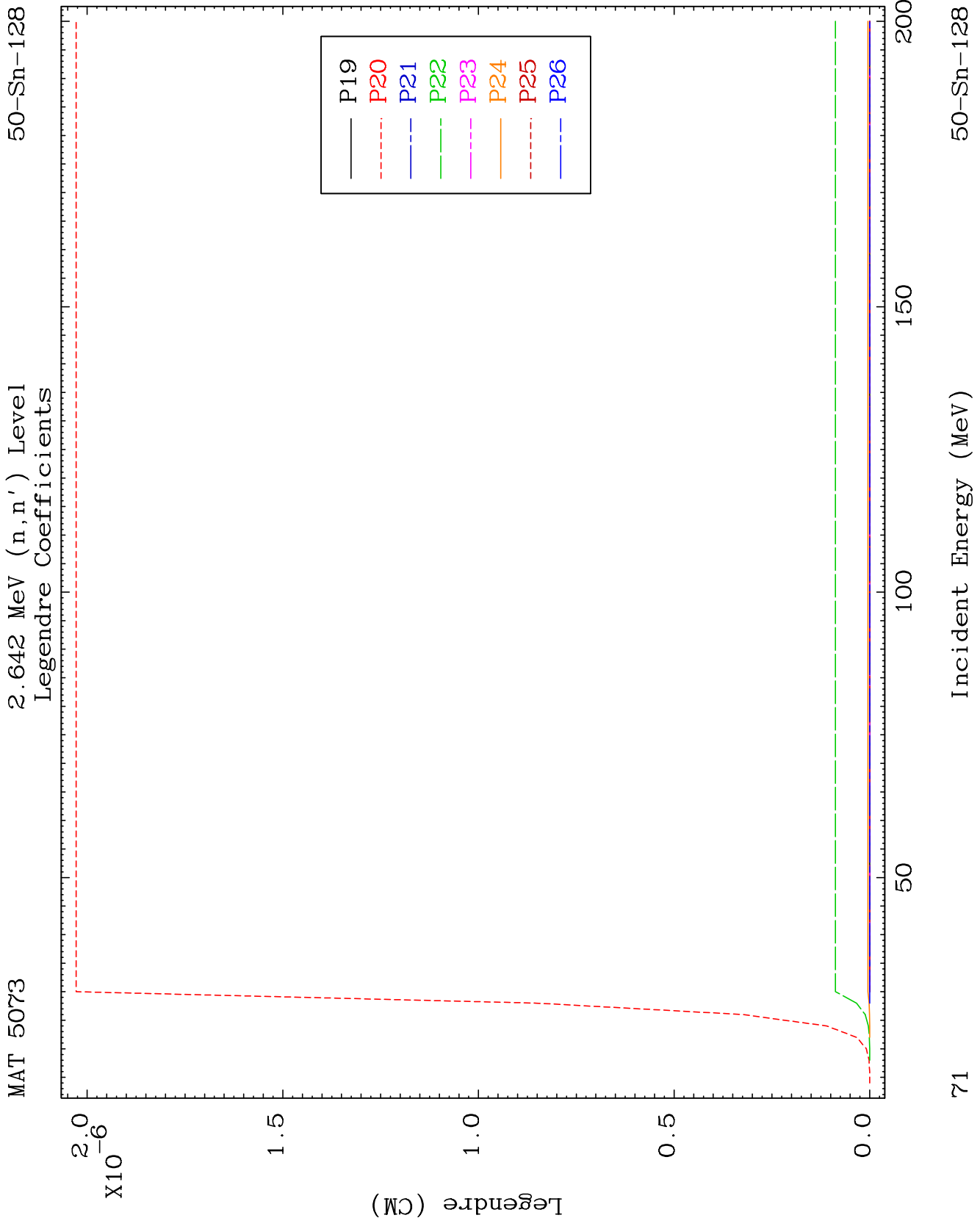
Incident Energy (MeV)

50-Sn-128

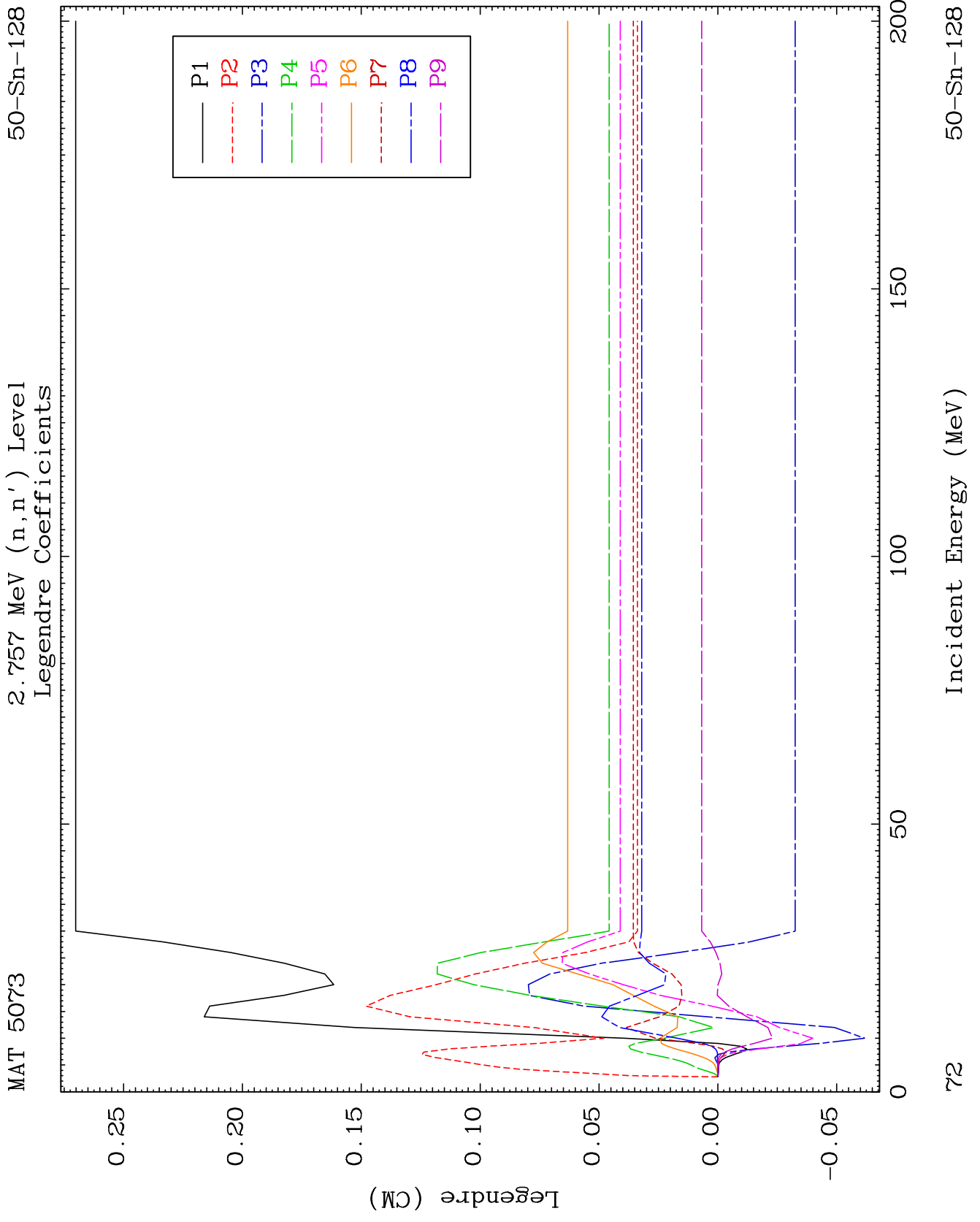


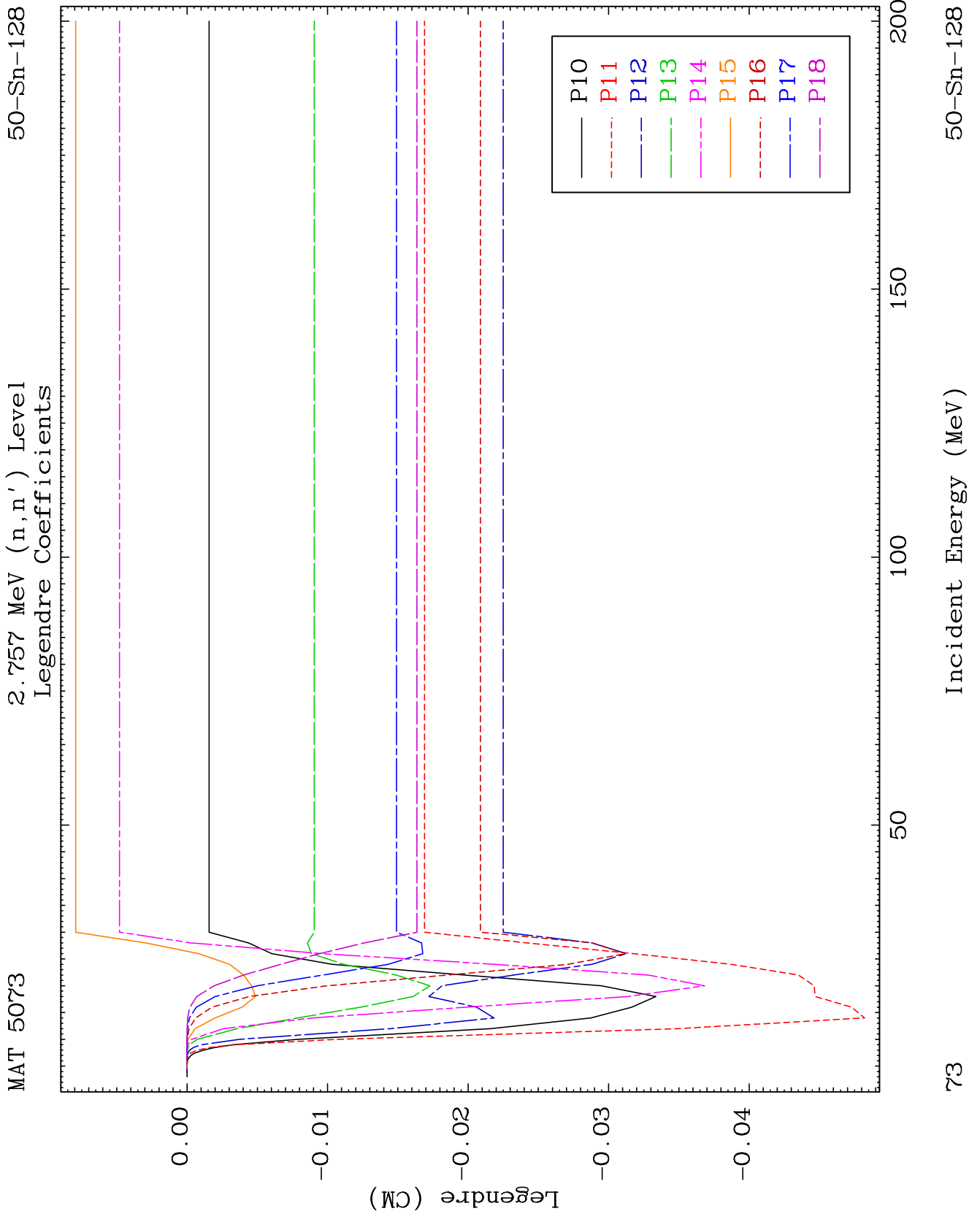


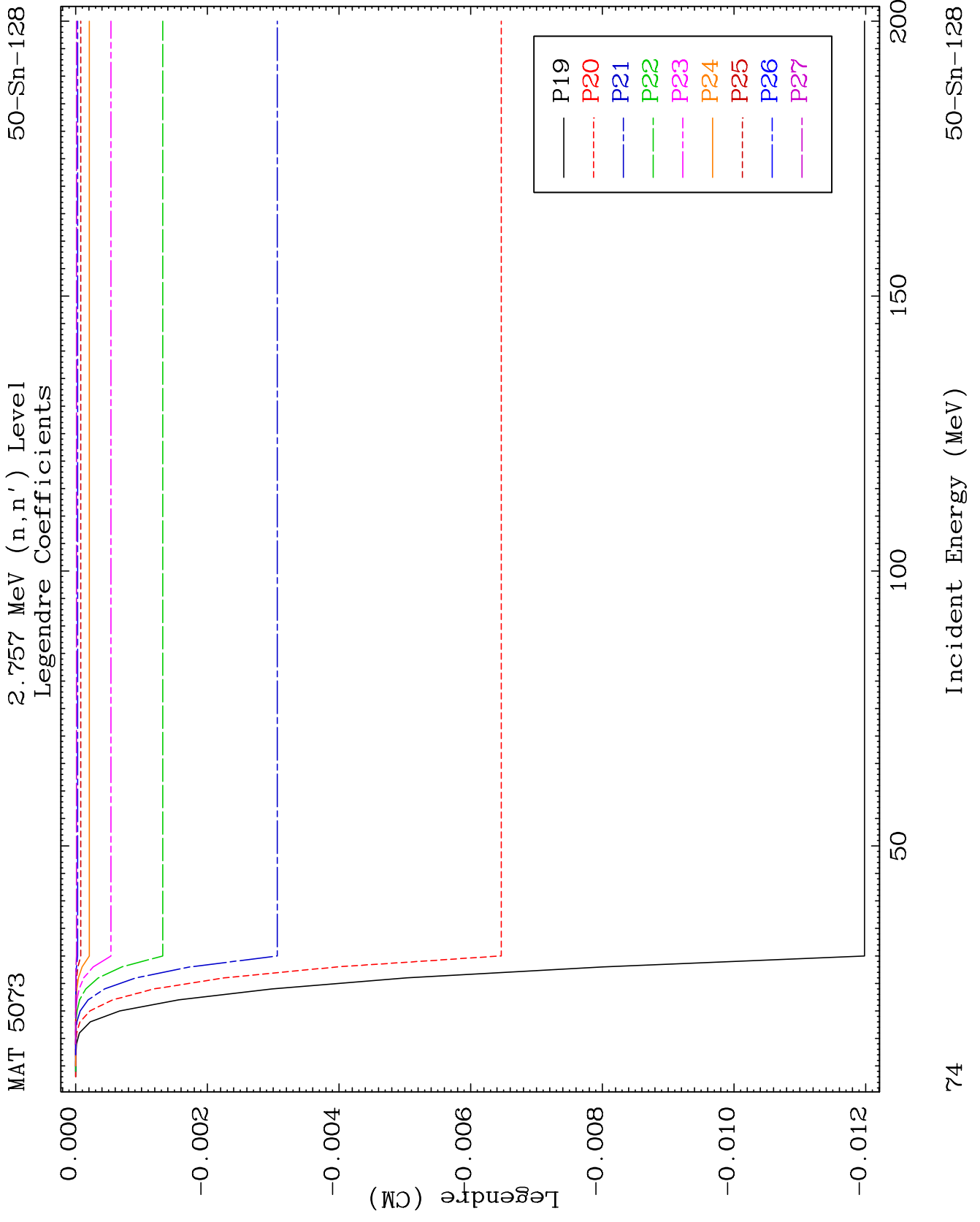


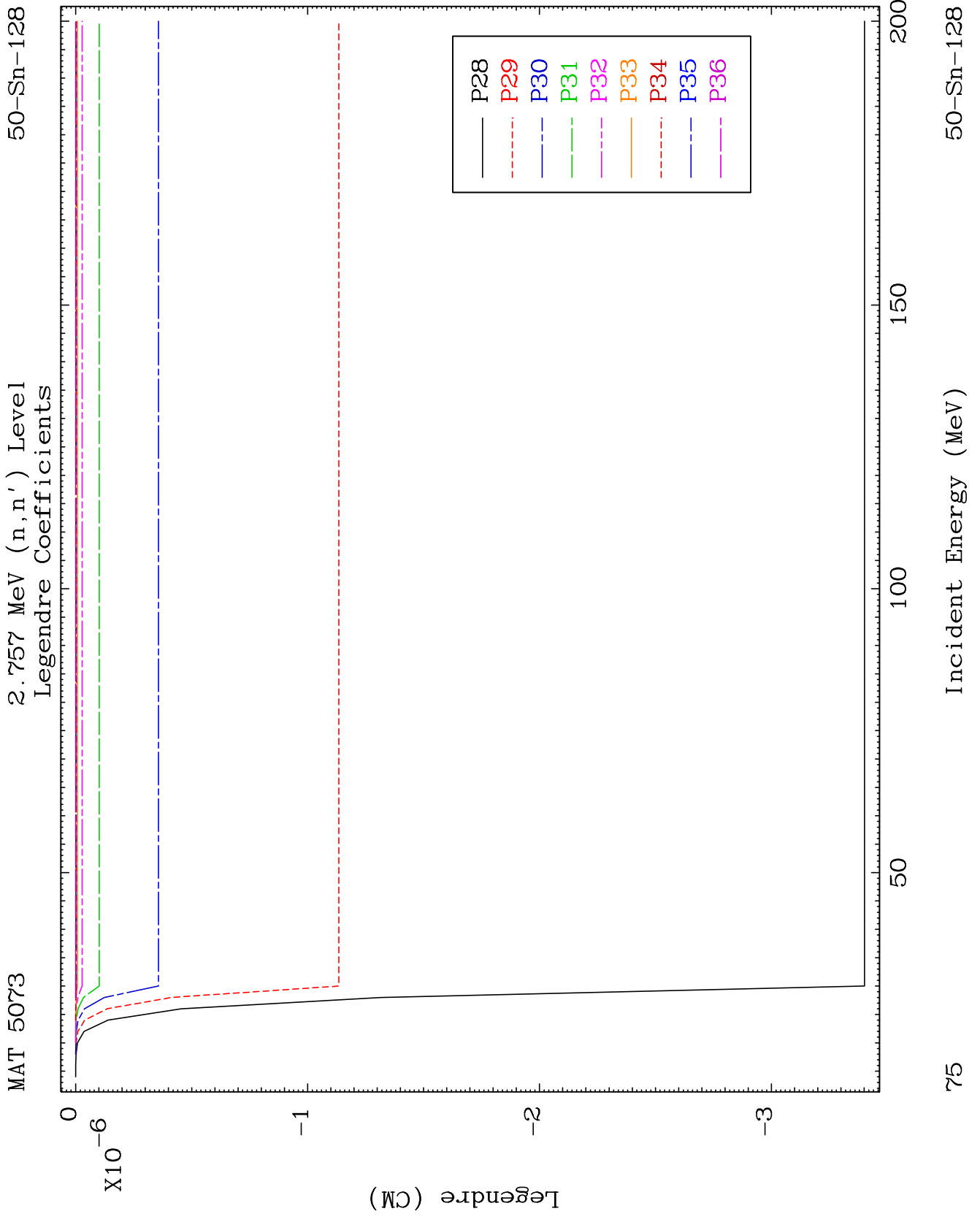


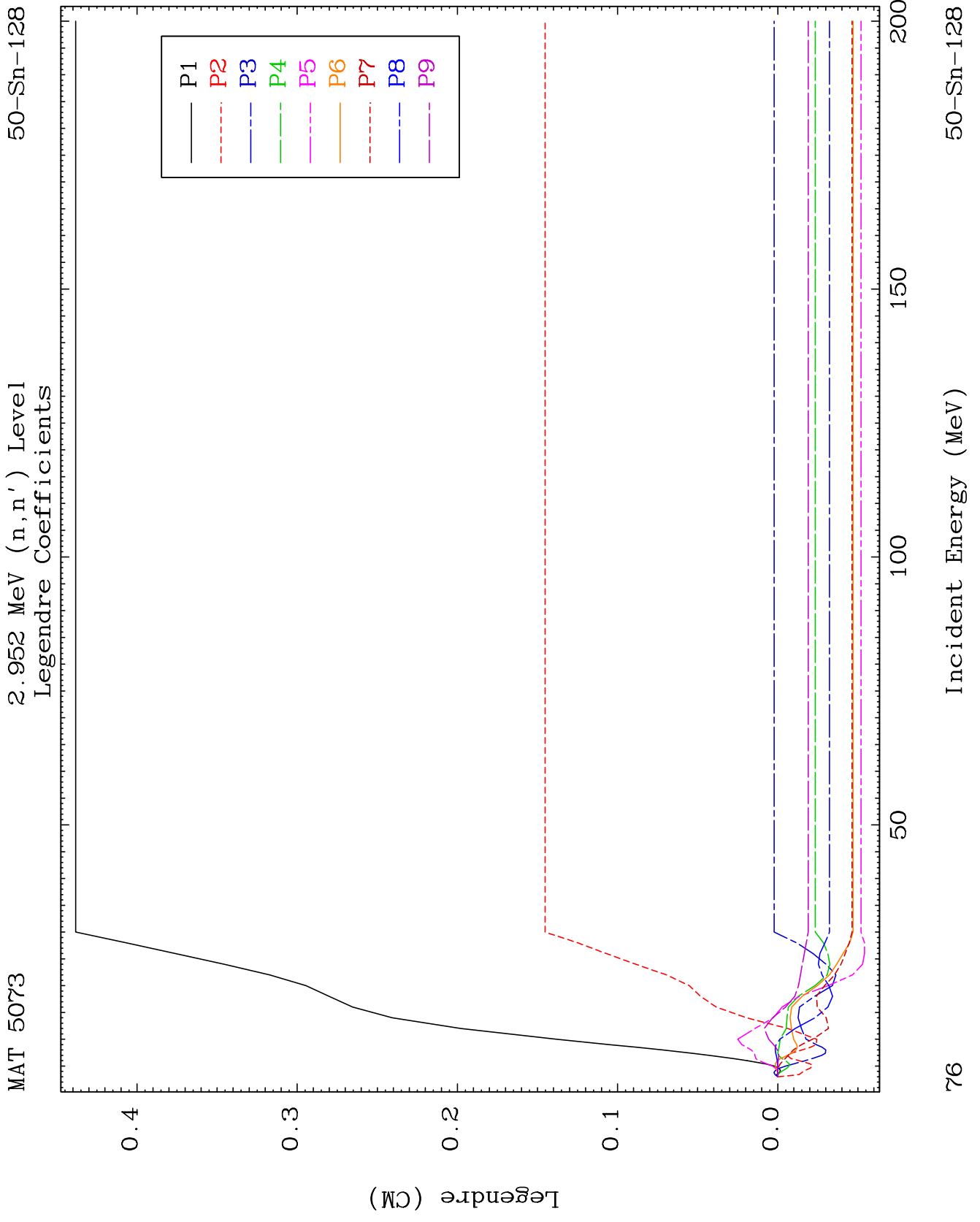




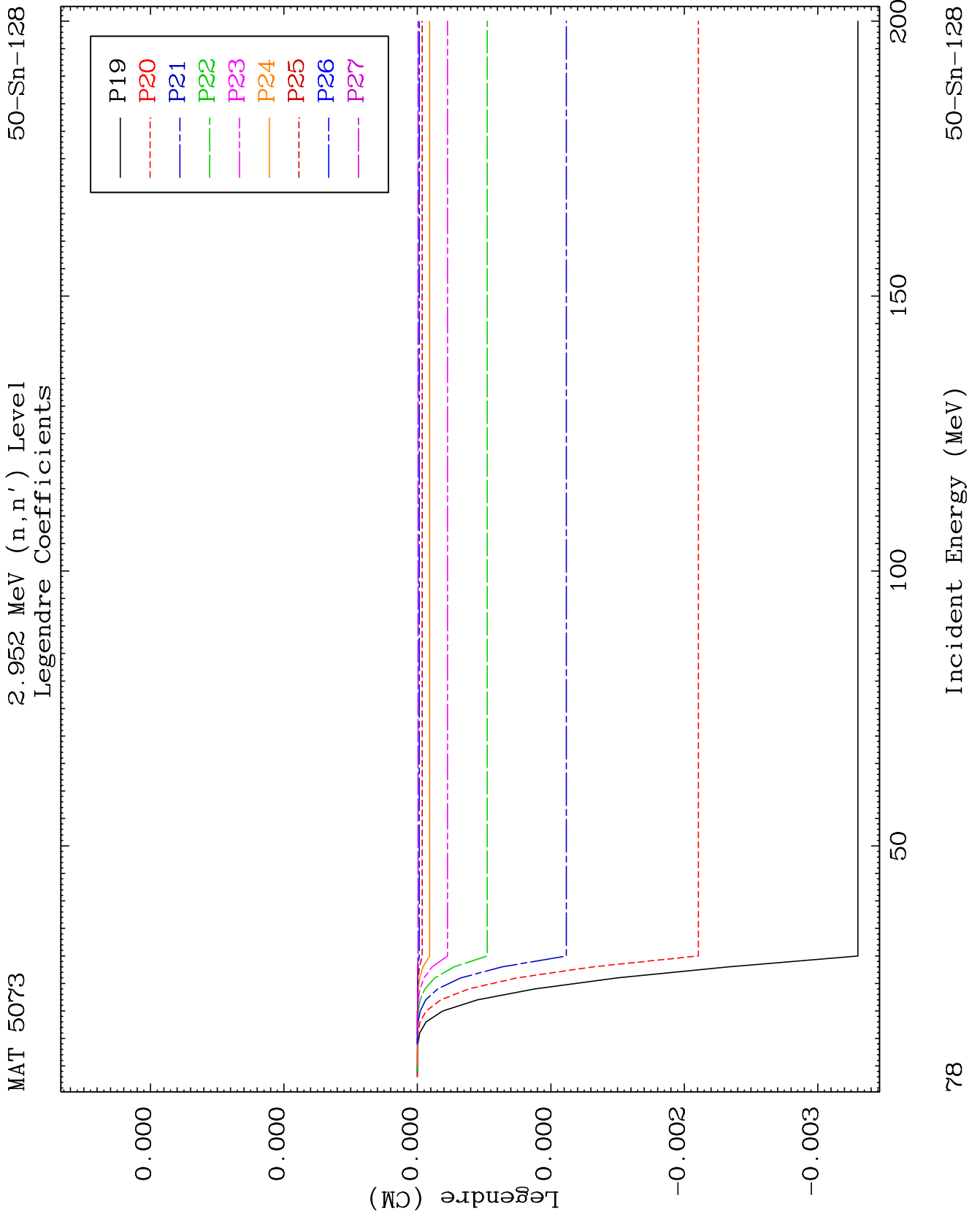


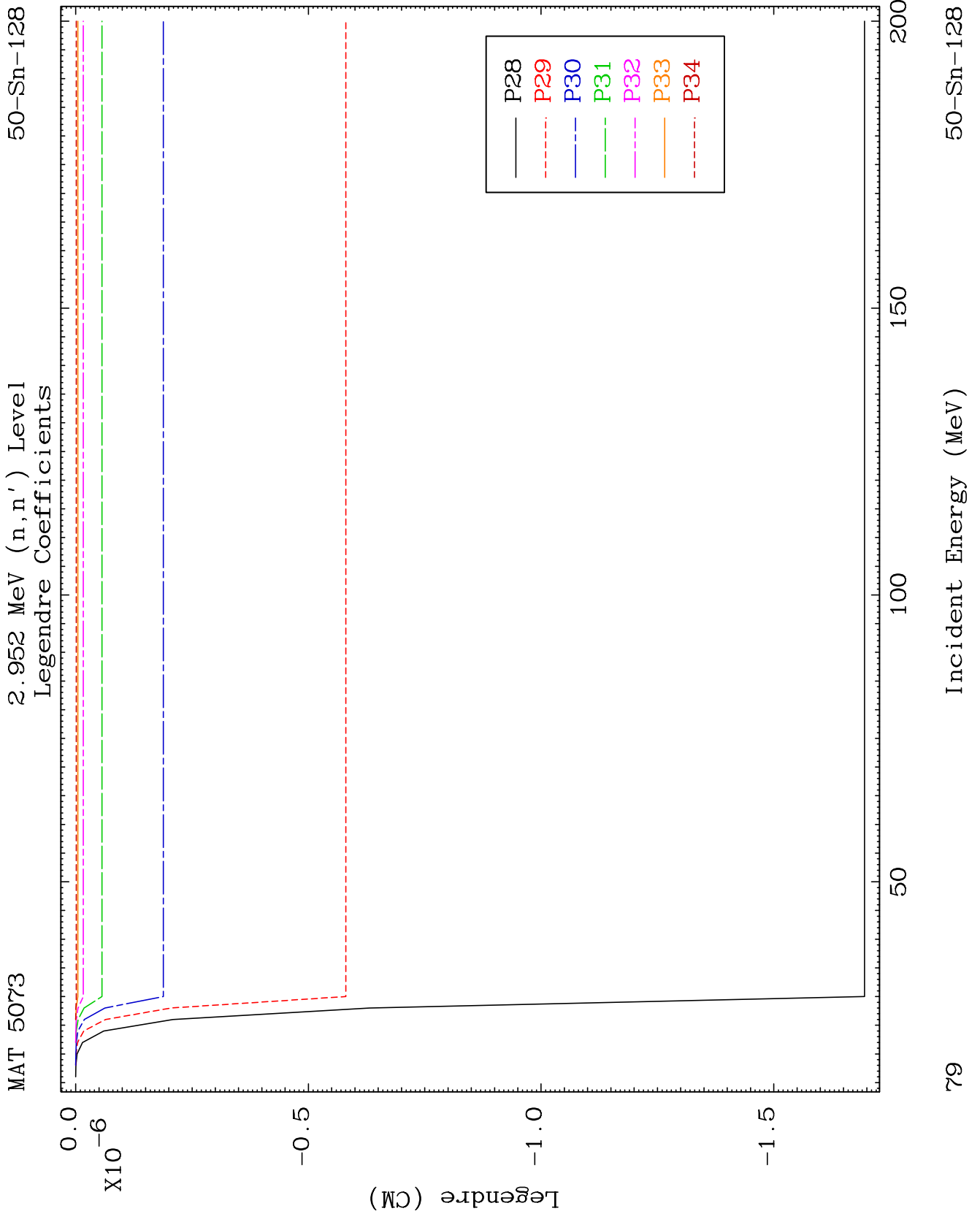




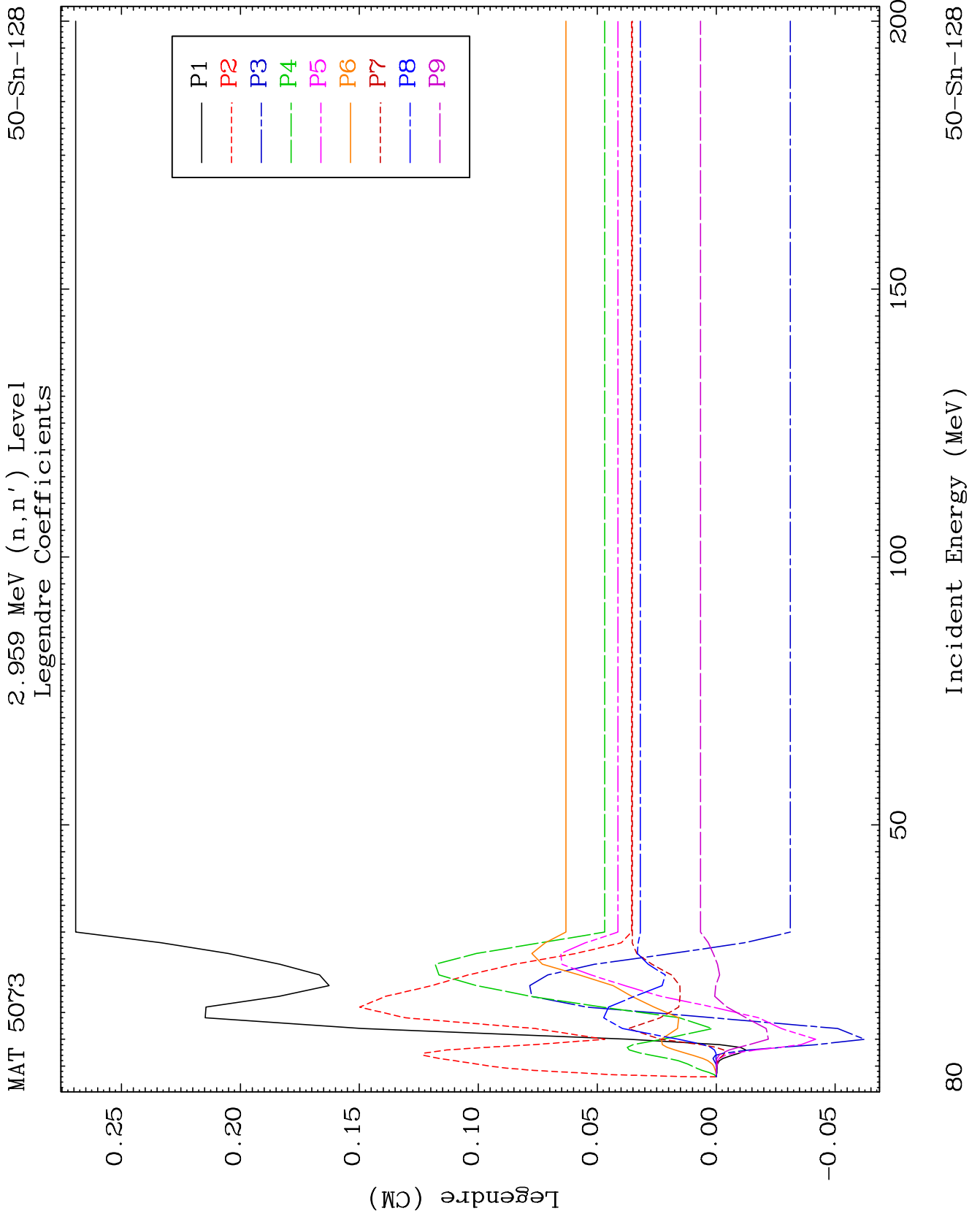


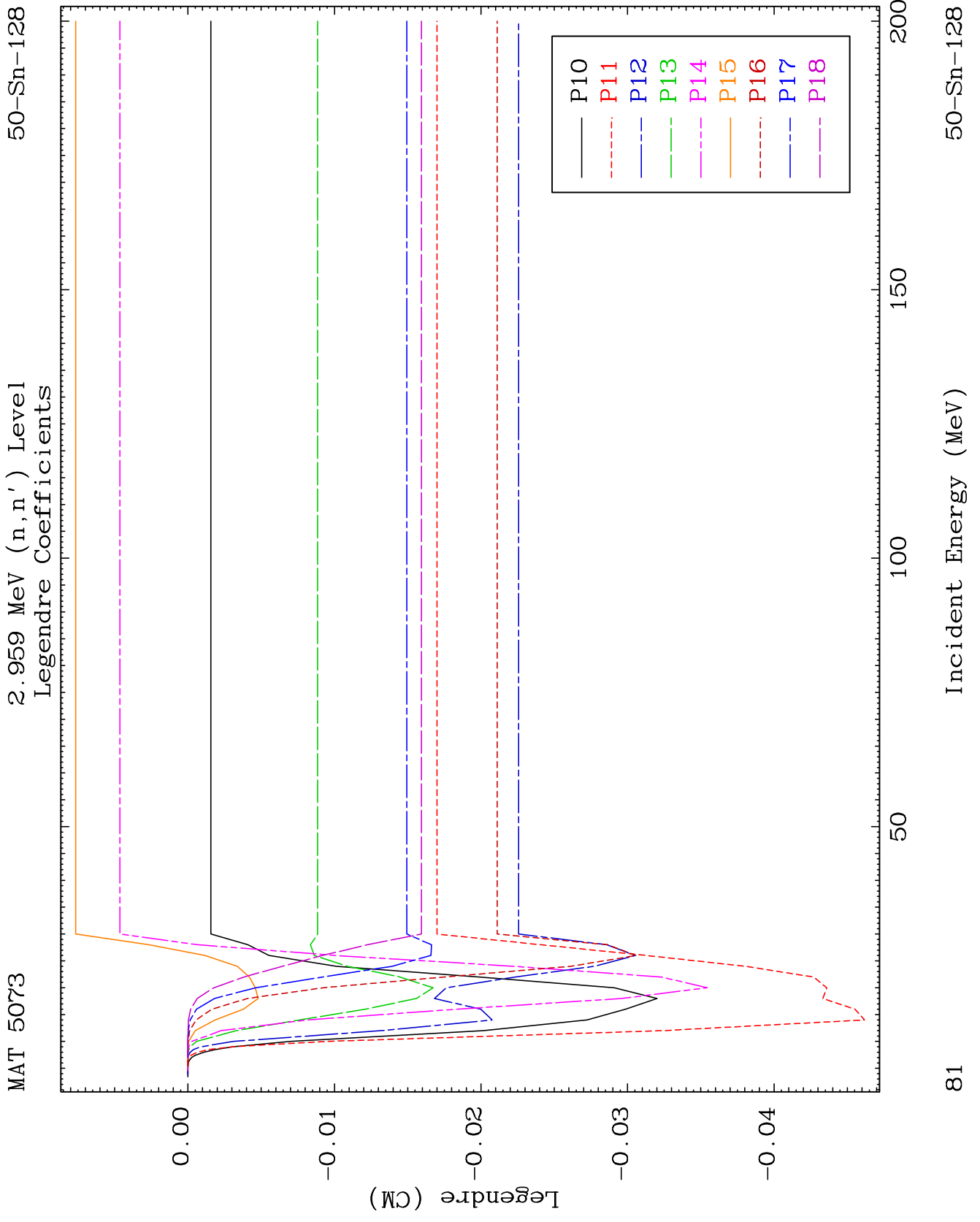


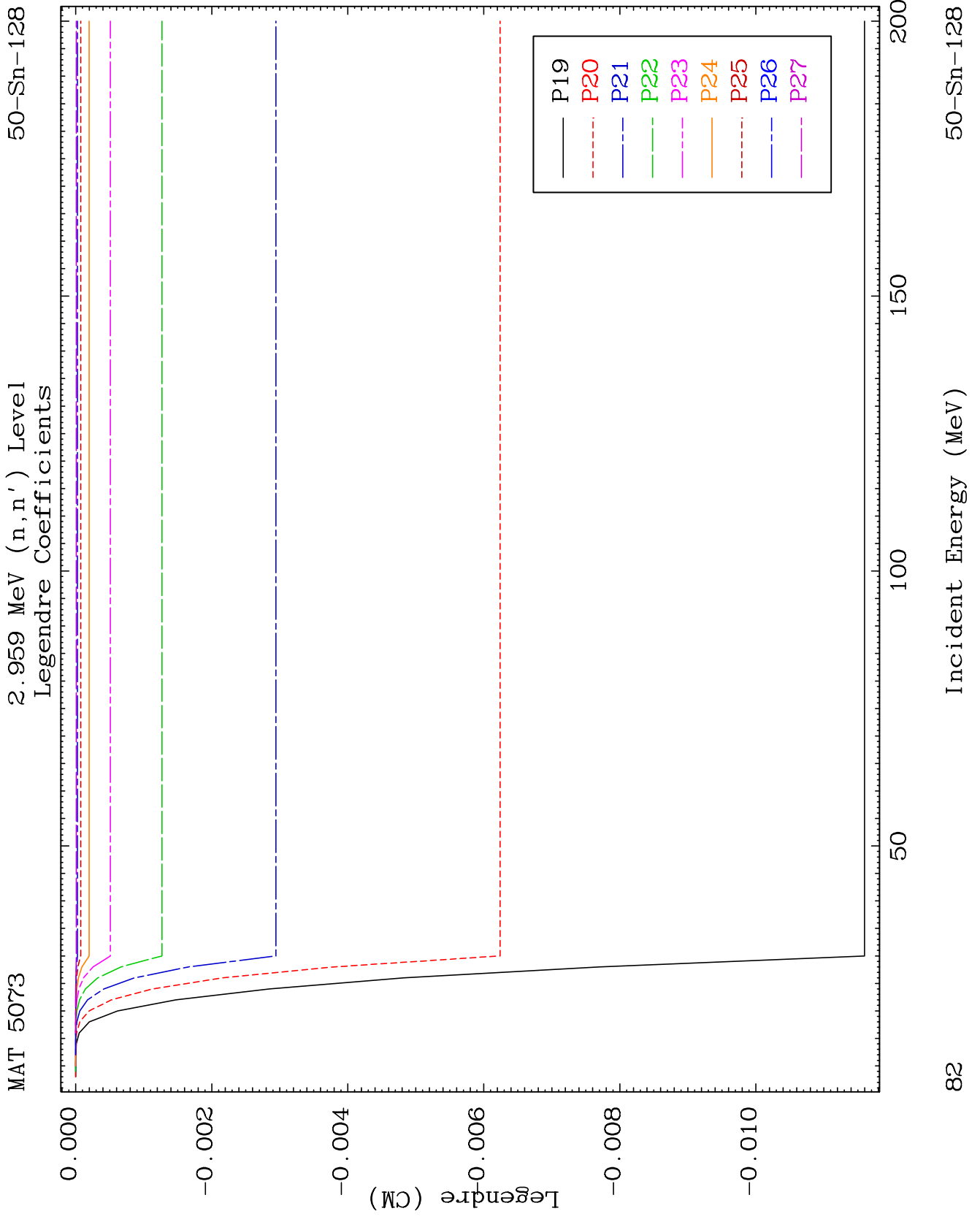


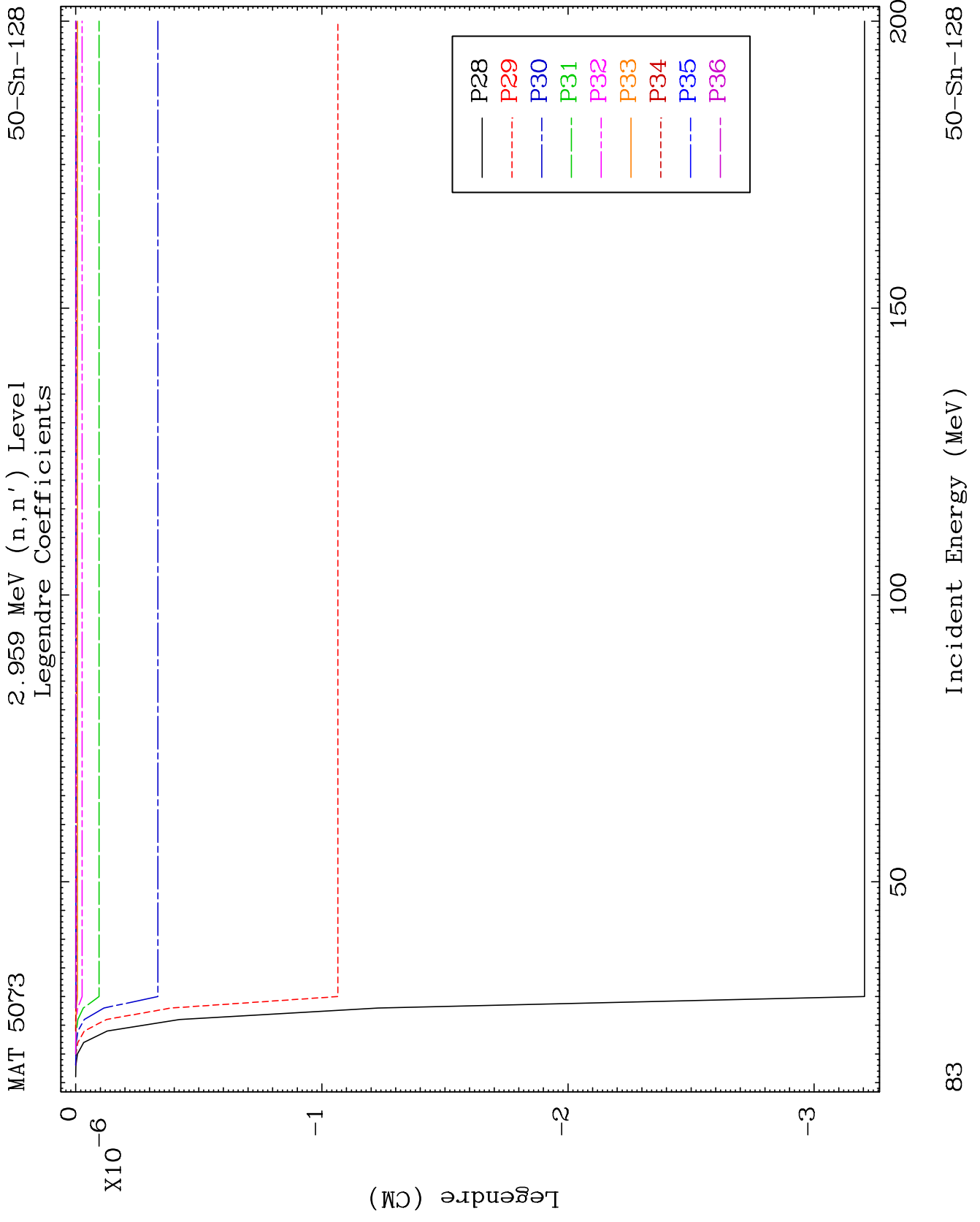








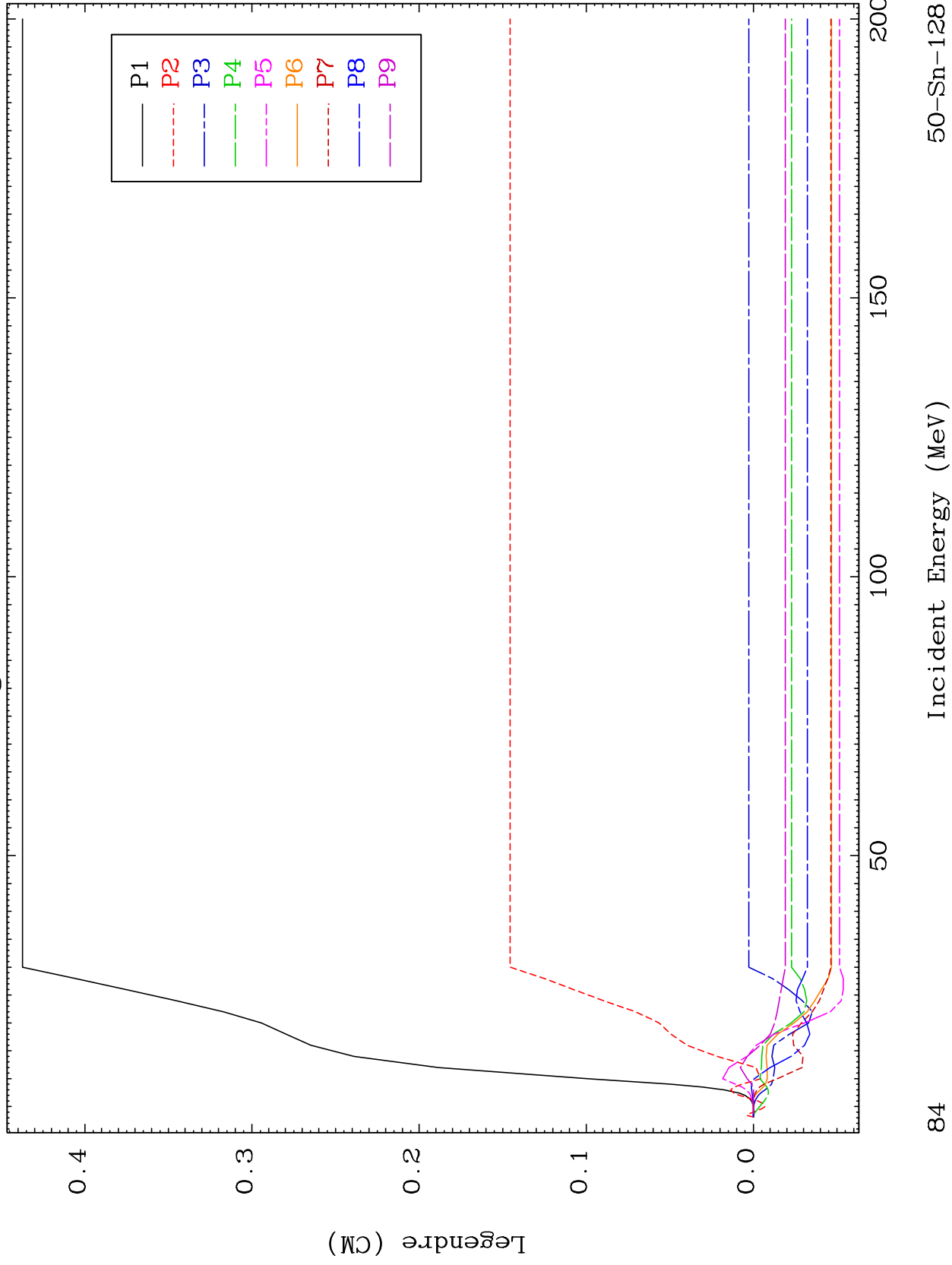




MAT 5073

3.092 MeV (n,n') Level  
Legendre Coefficients

50-Sn-128



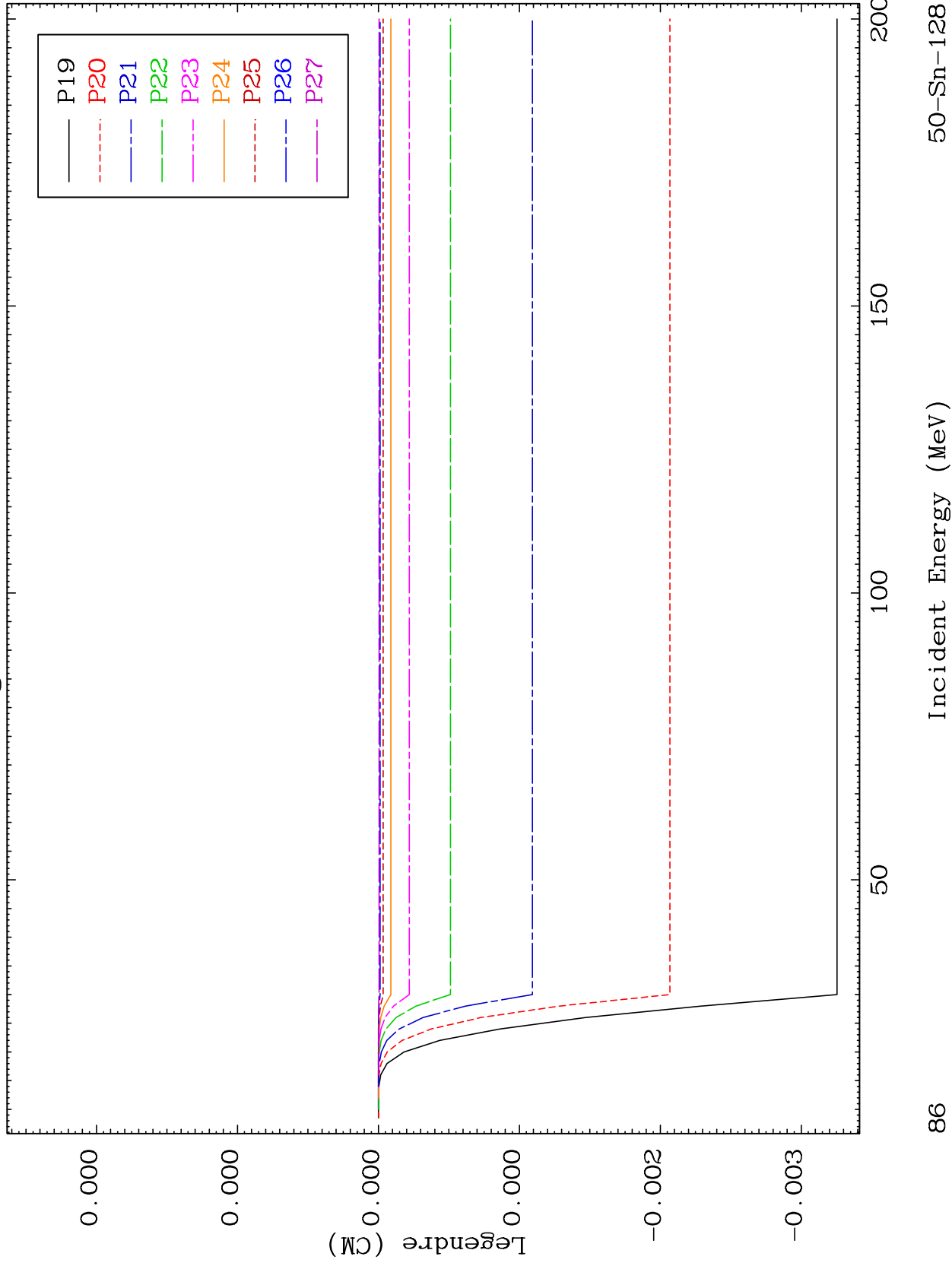
84



MAT 5073

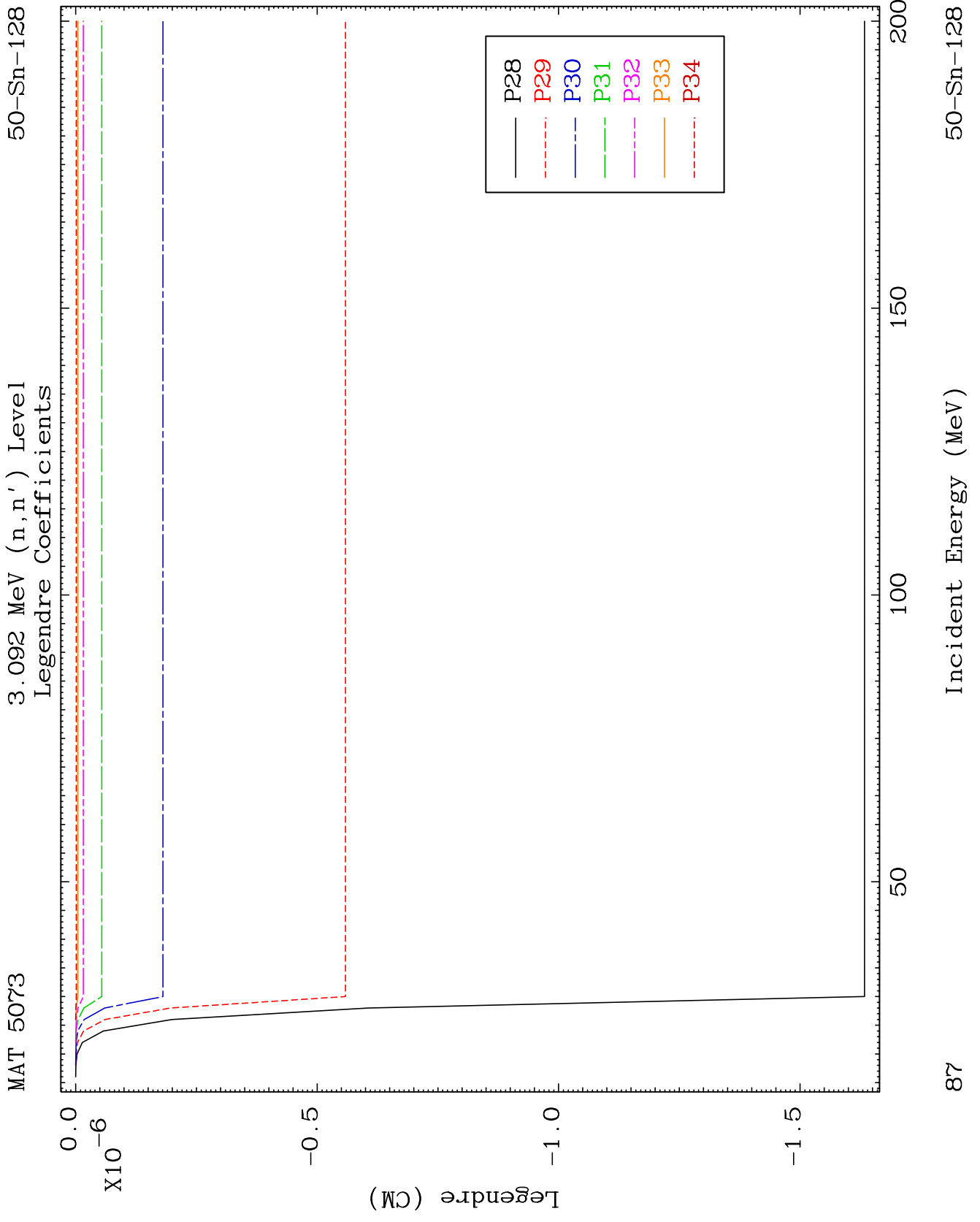
3.092 MeV (n,n') Level  
Legendre Coefficients

50-Sn-128

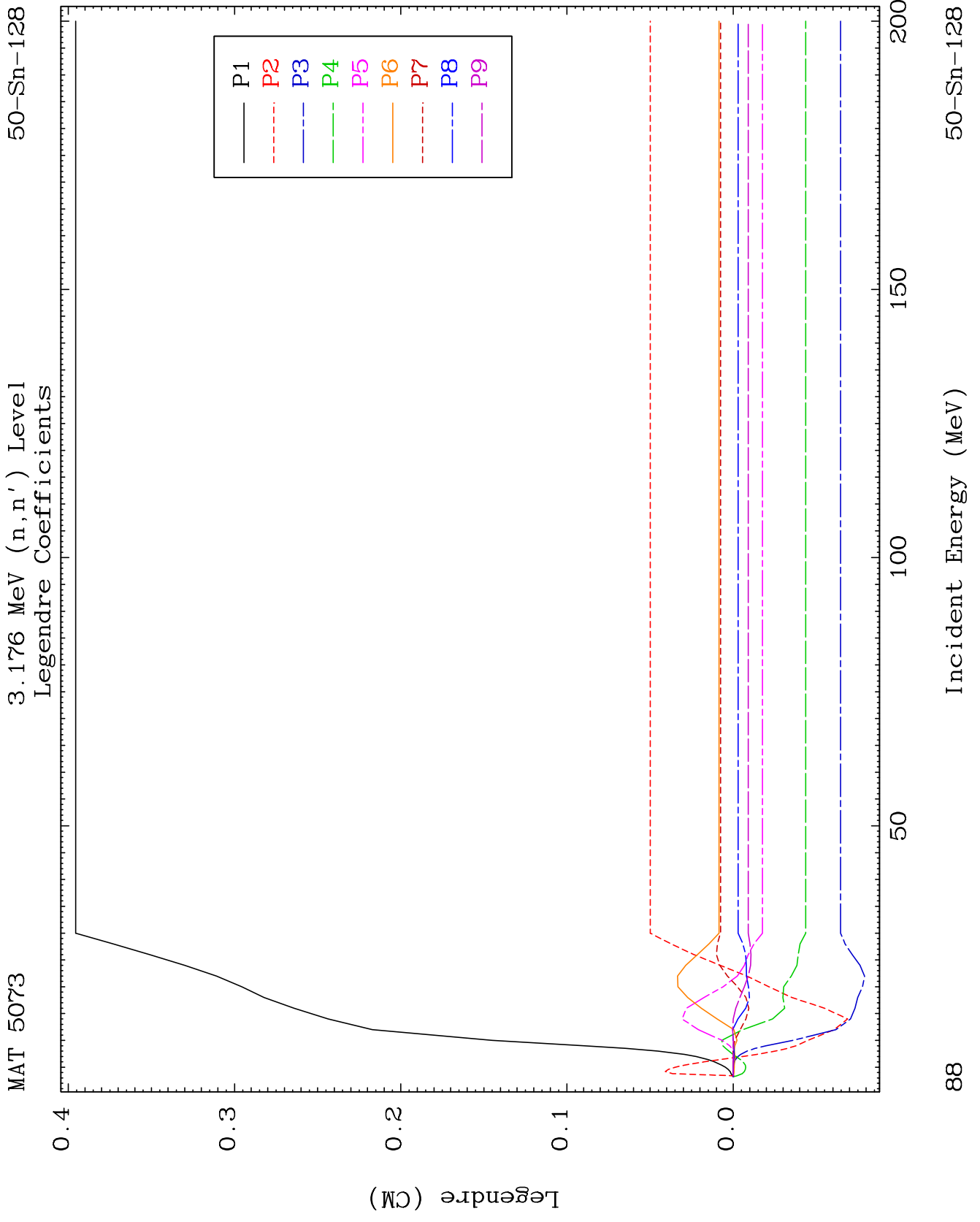


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50-Sn-128



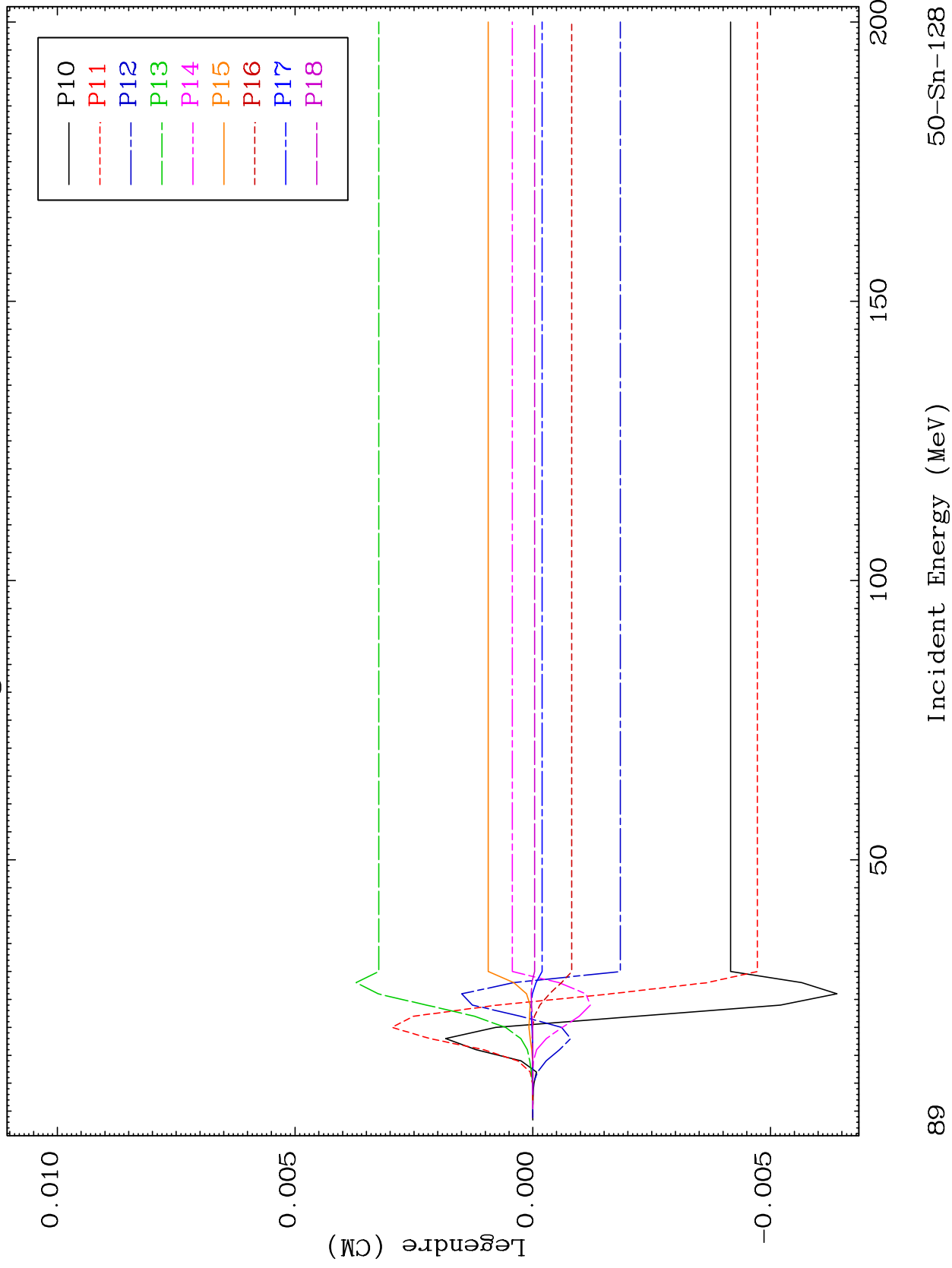


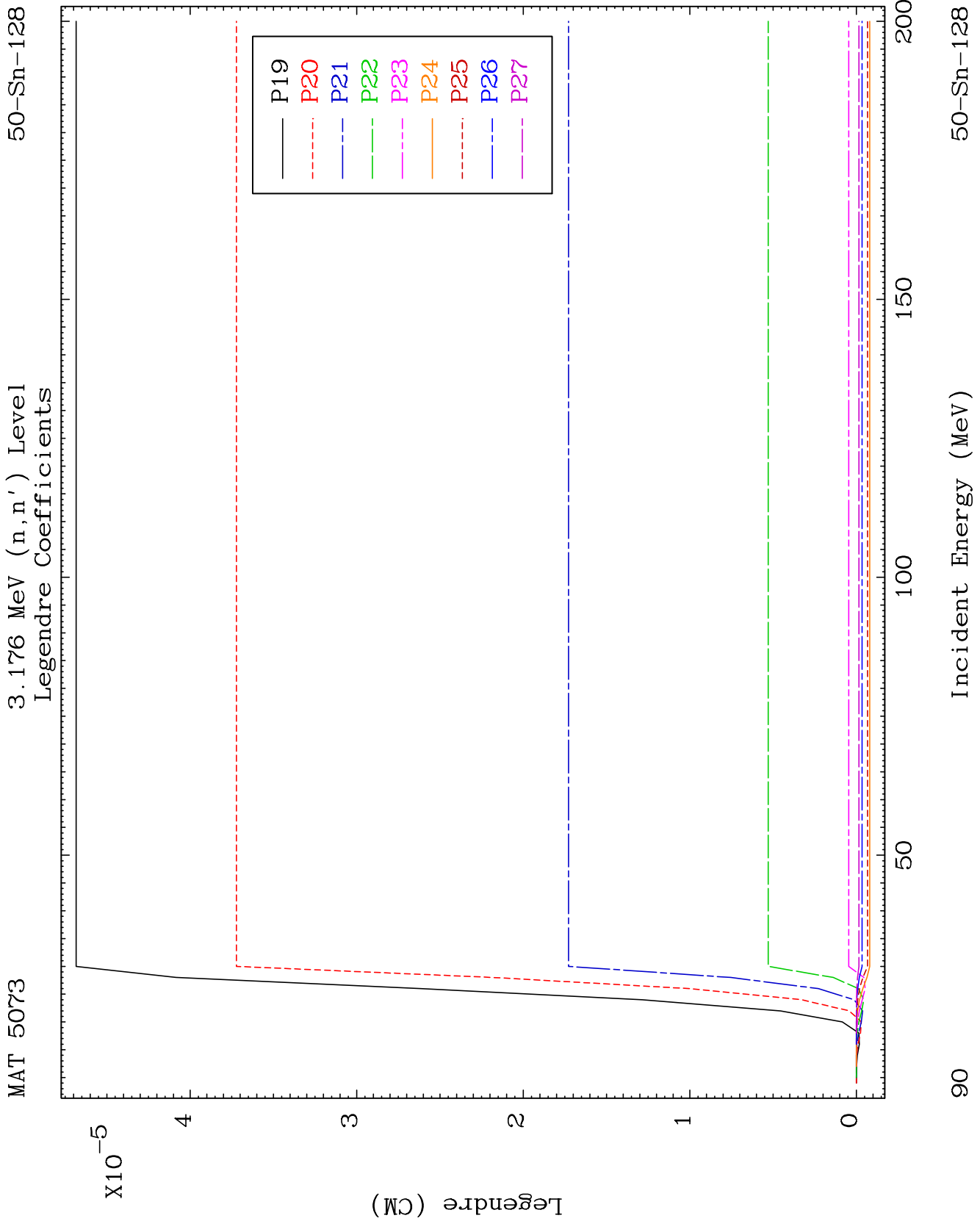


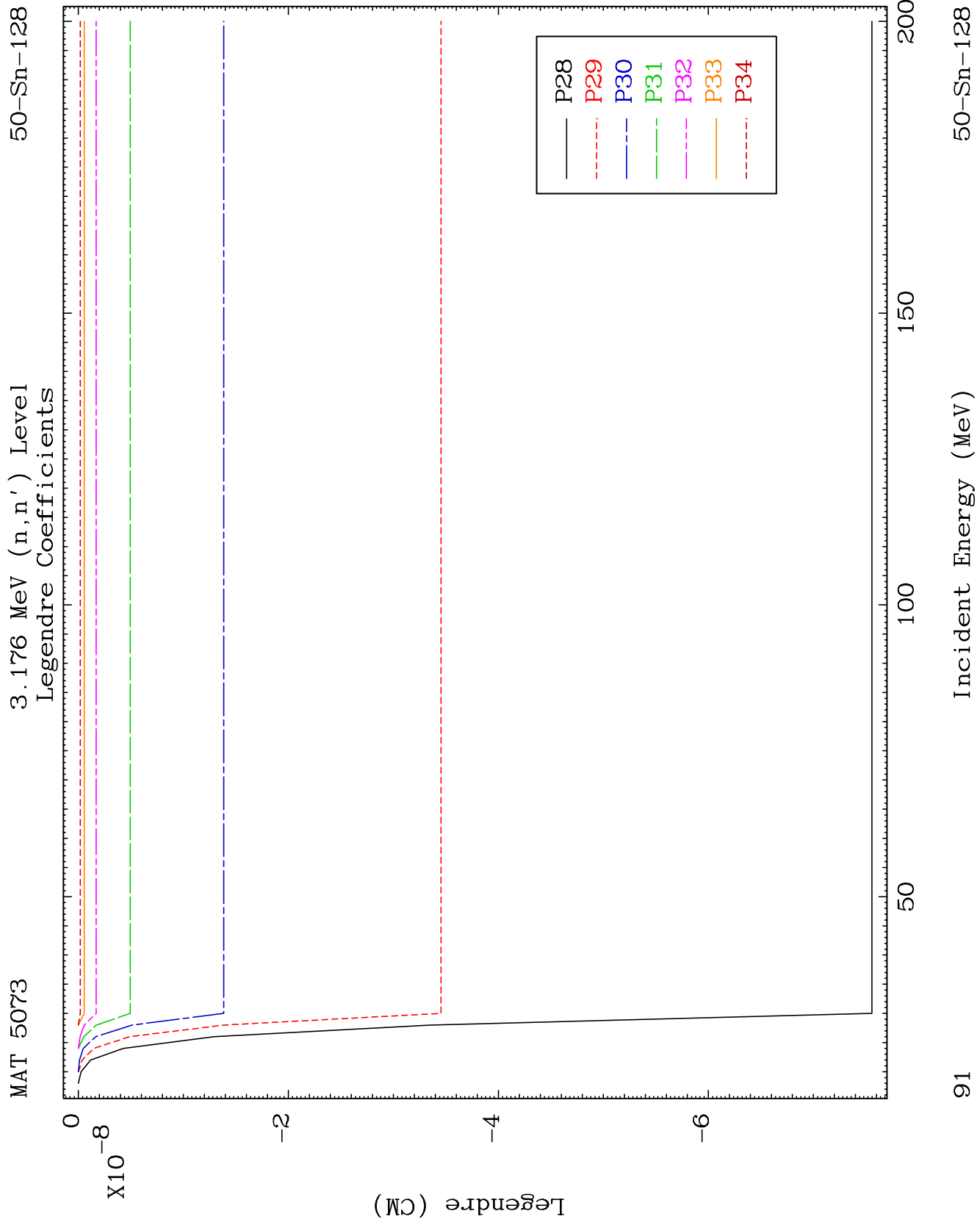
MAT 5073

3.176 MeV (n,n') Level  
Legendre Coefficients

50-Sn-128



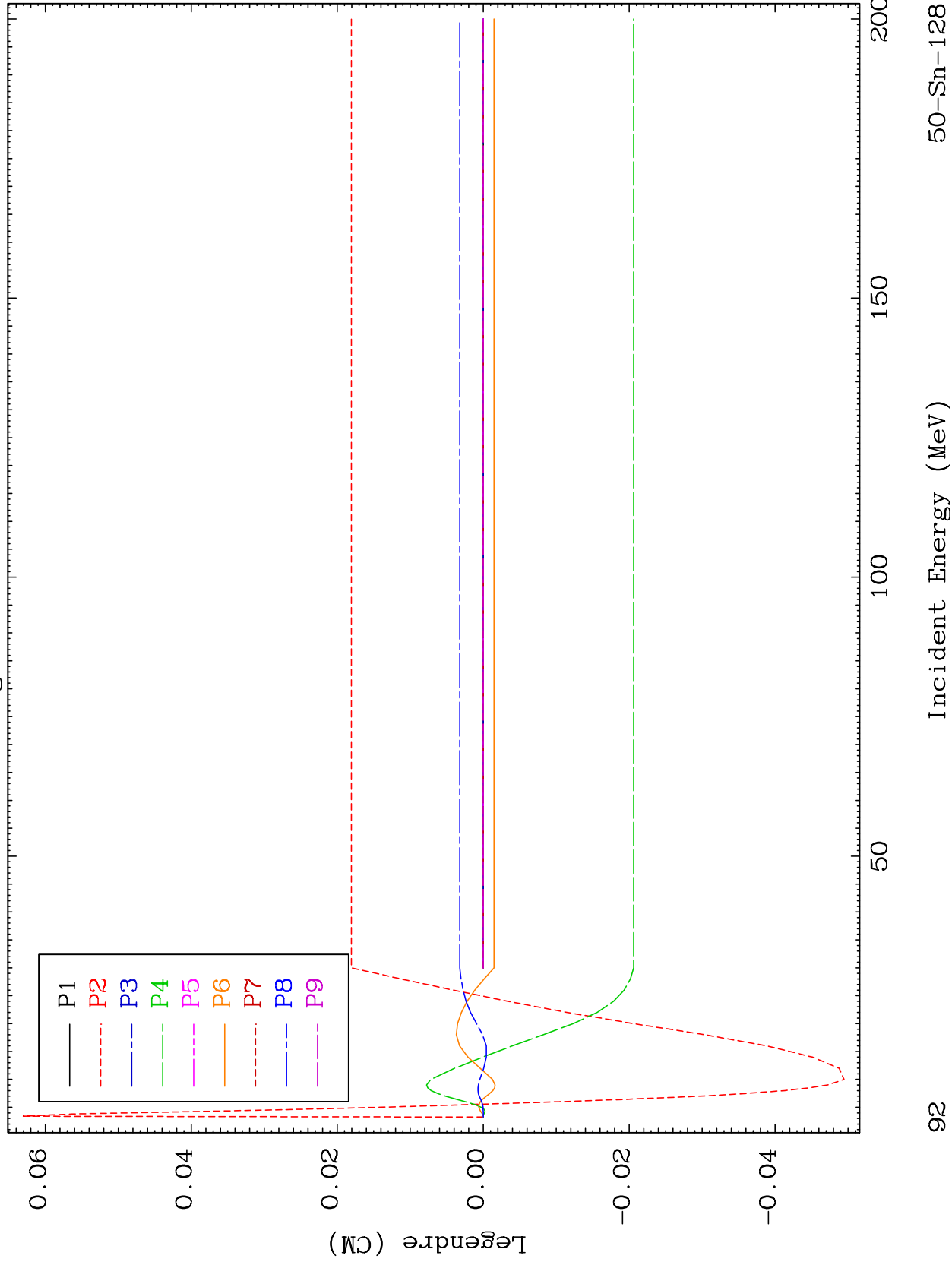




MAT 5073

3.226 MeV (n,n') Level  
Legendre Coefficients

50-Sn-128



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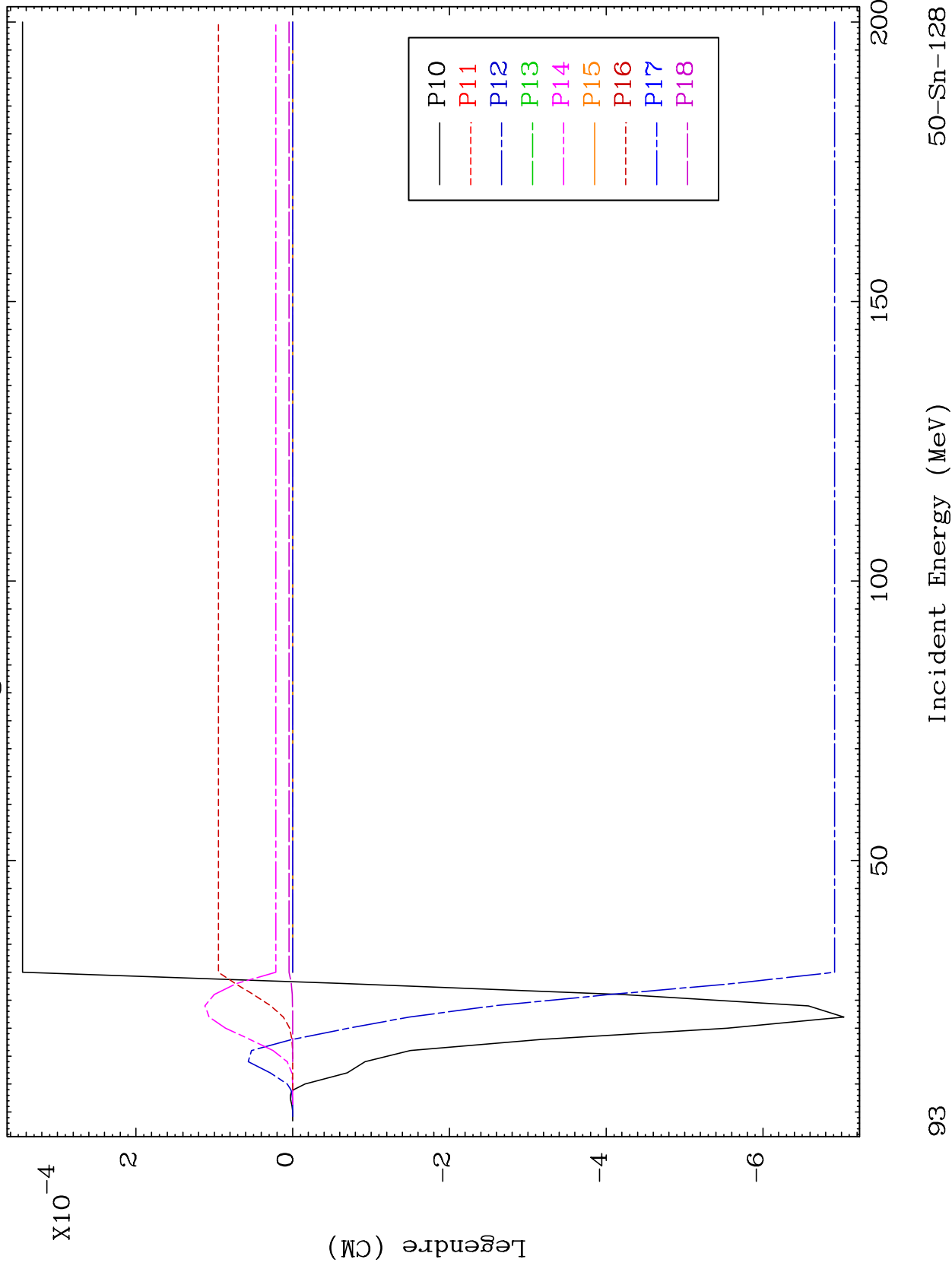
Incident Energy (MeV)

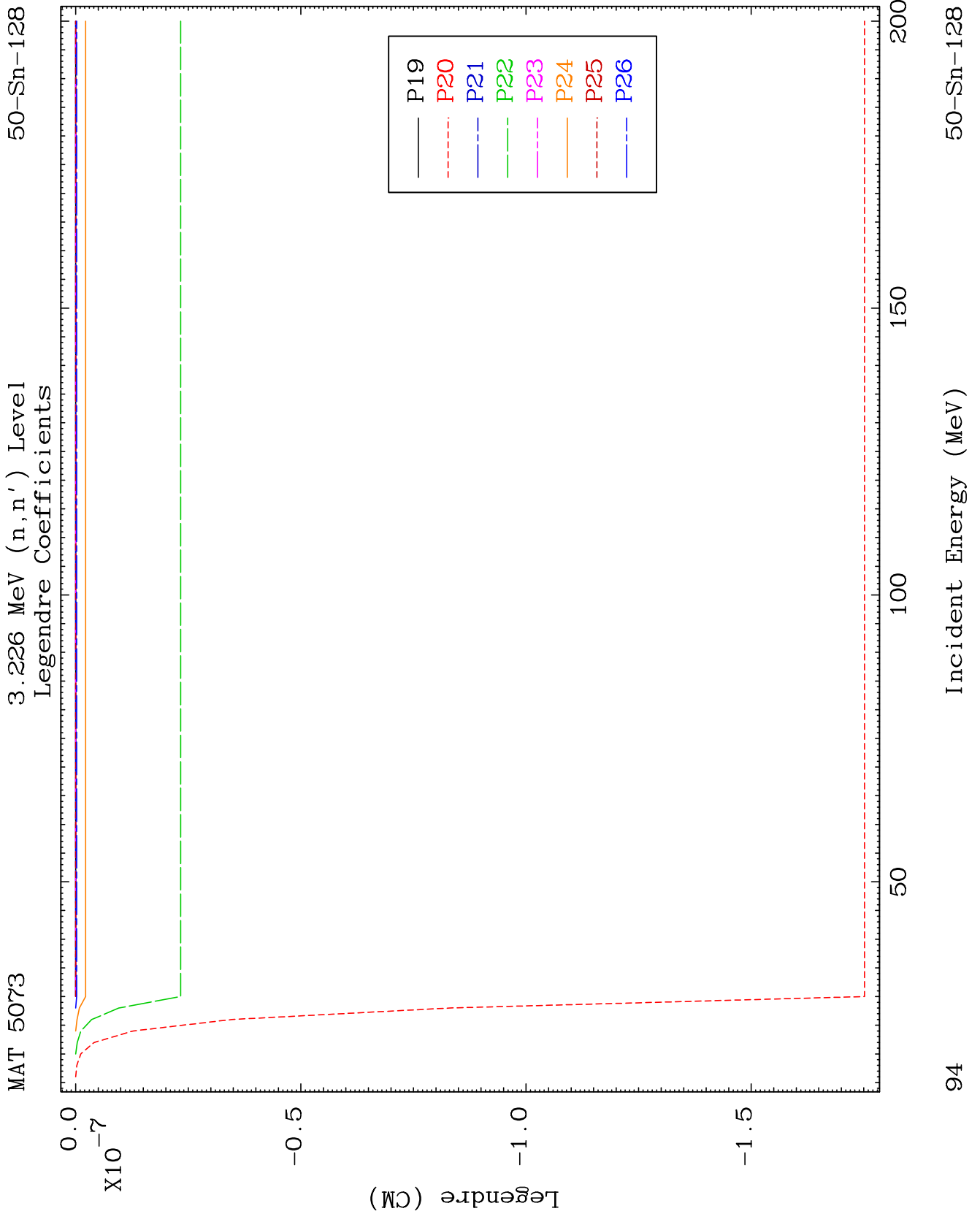
50-Sn-128

MAT 5073

3.226 MeV (n,n') Level  
Legendre Coefficients

50-Sn-128





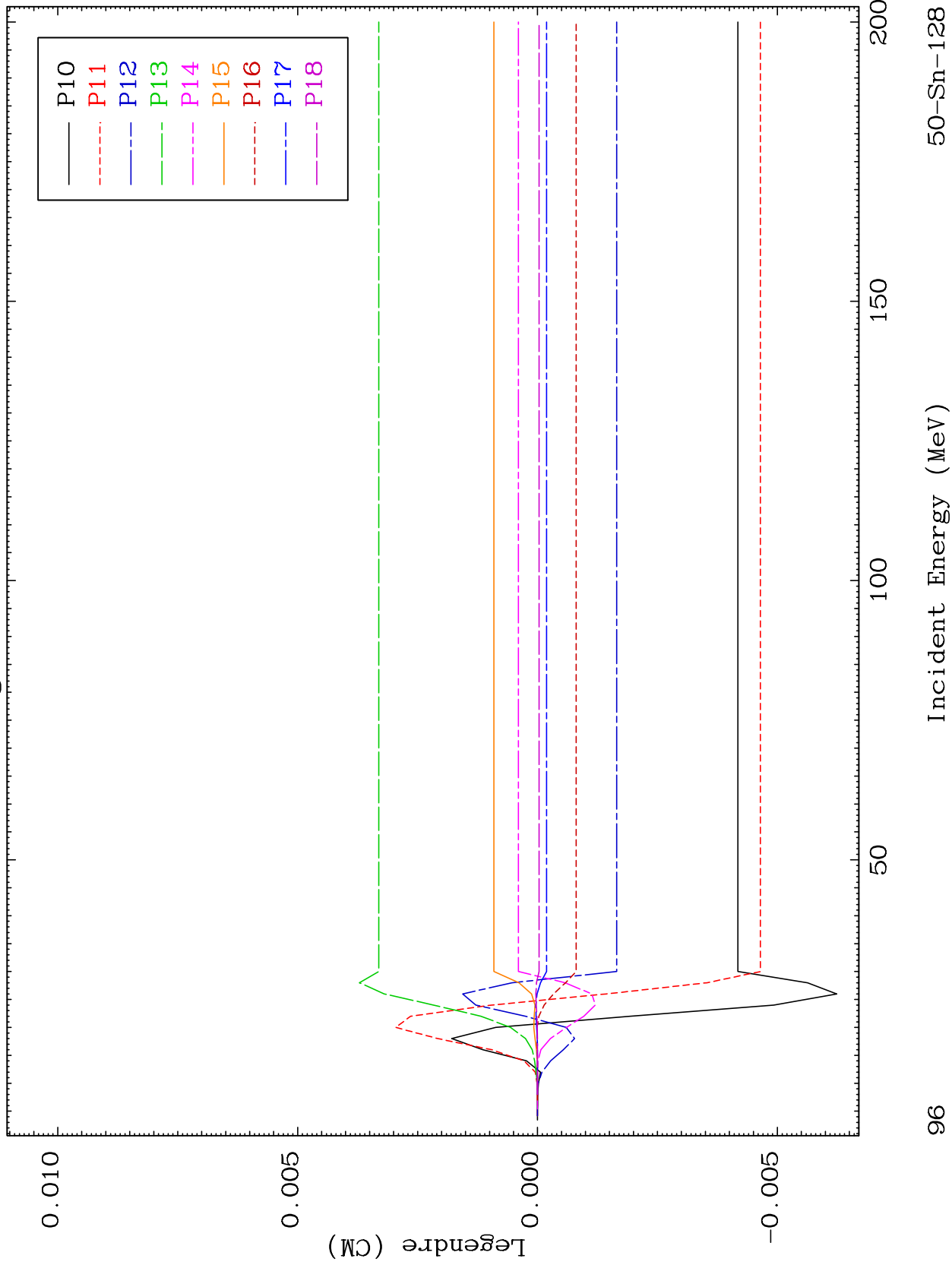




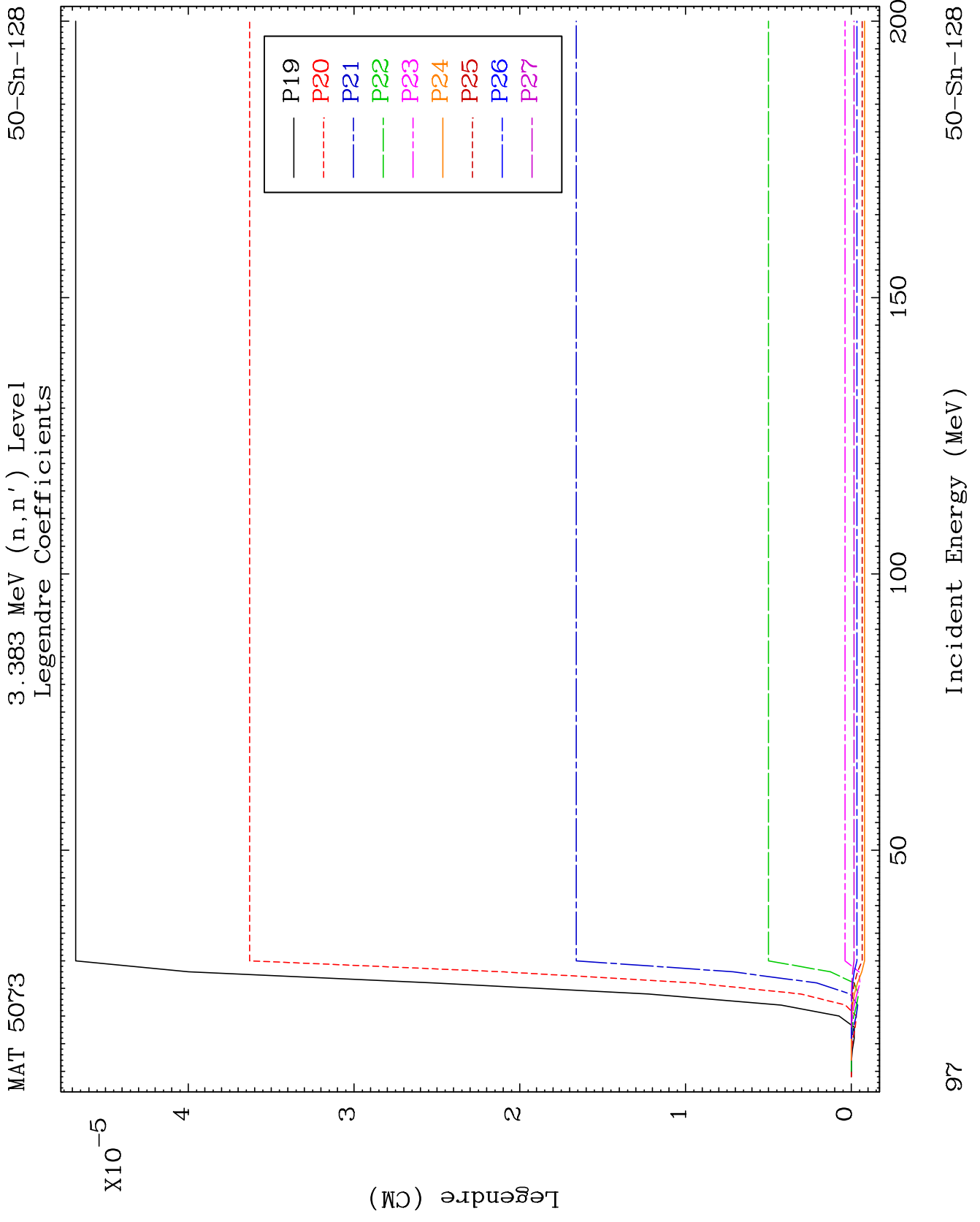
MAT 5073

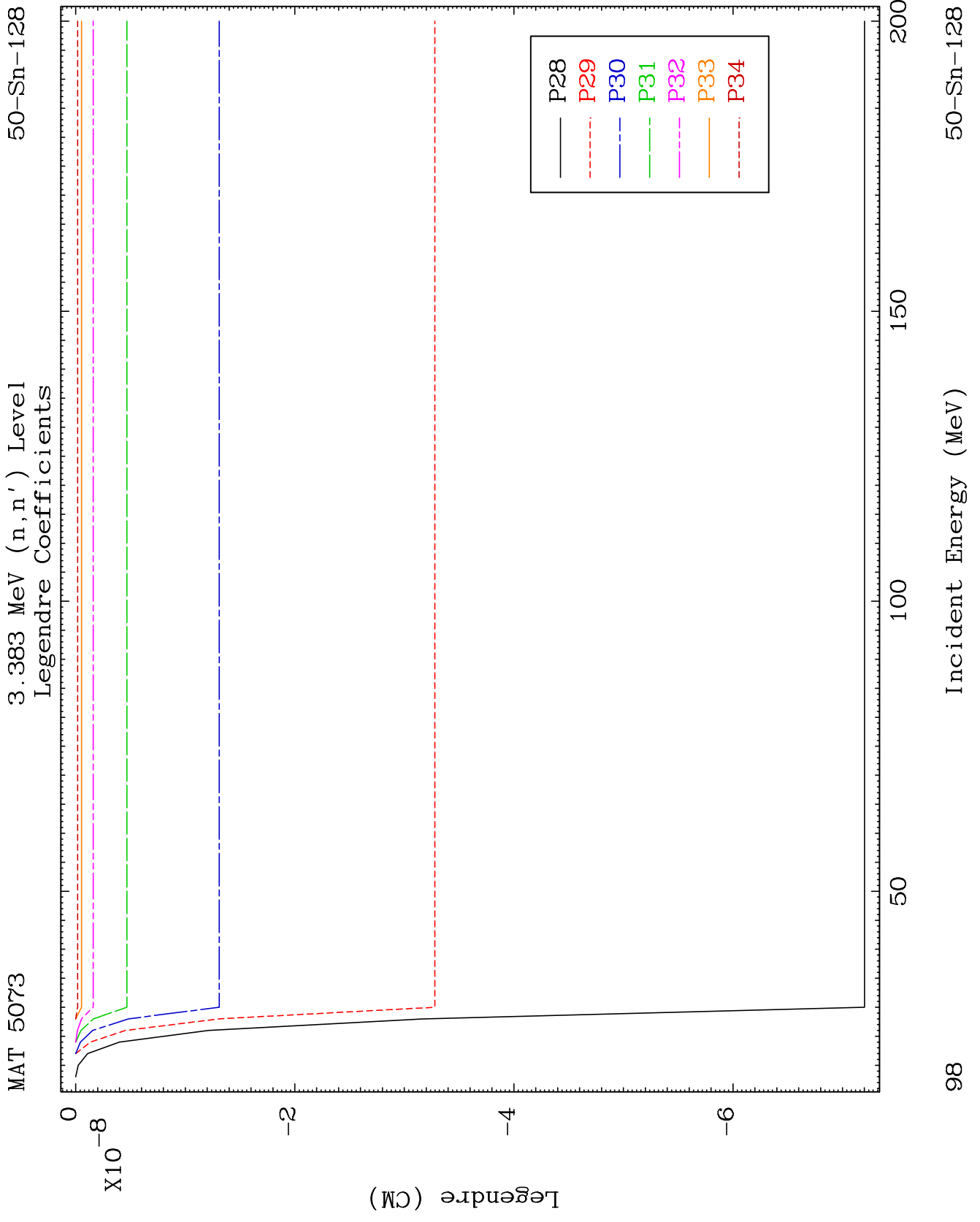
3.383 MeV (n,n') Level  
Legendre Coefficients

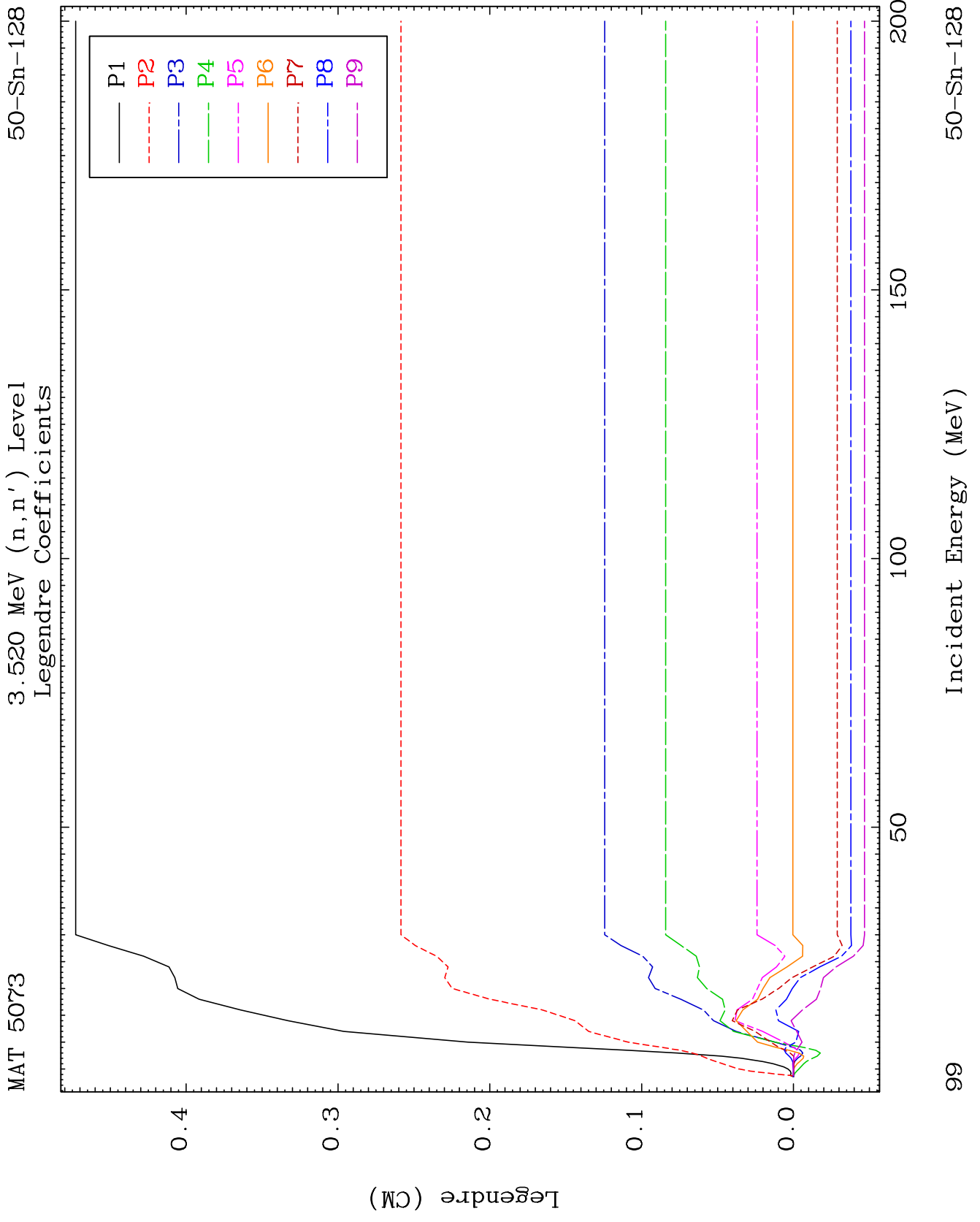
50-Sn-128



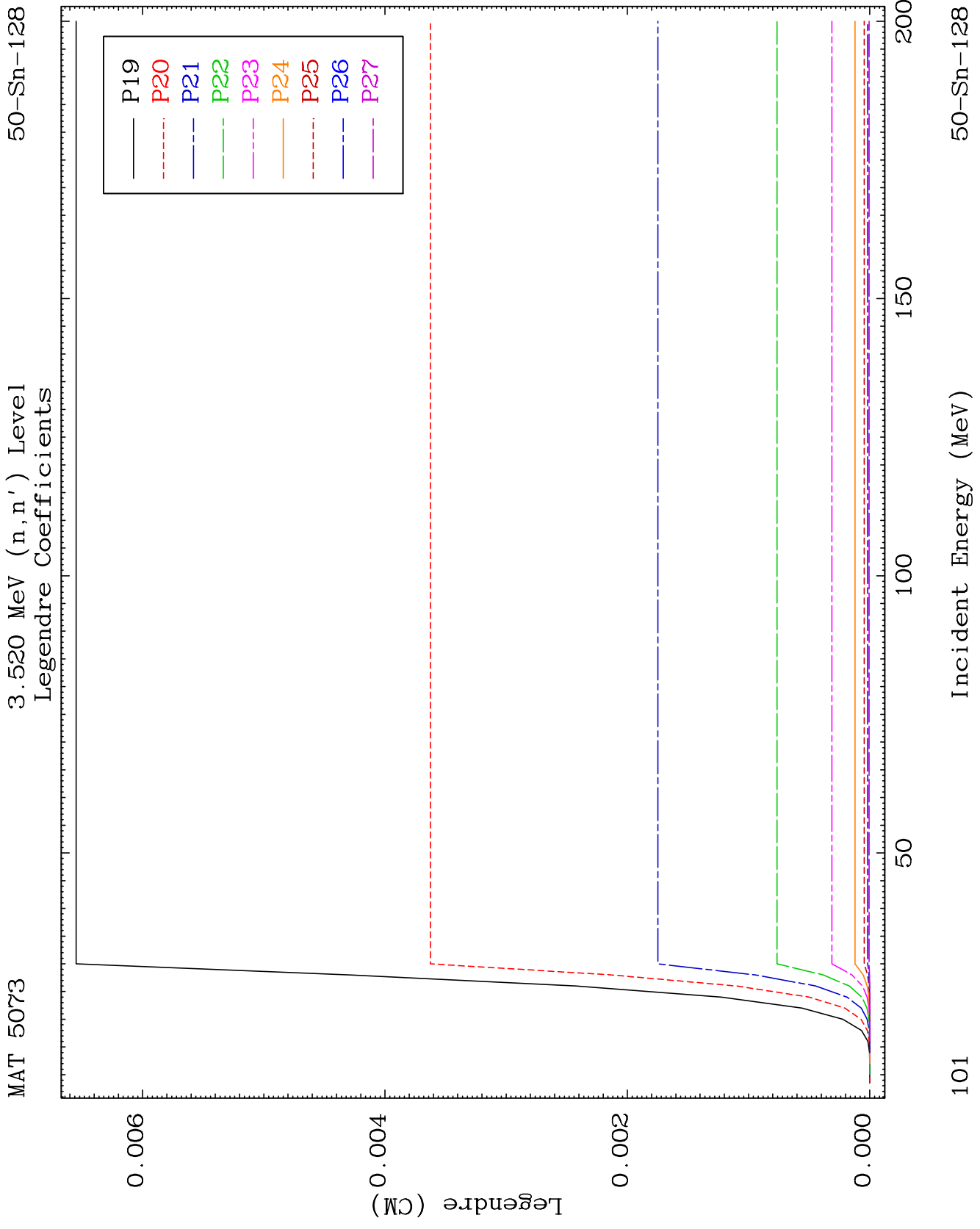
96

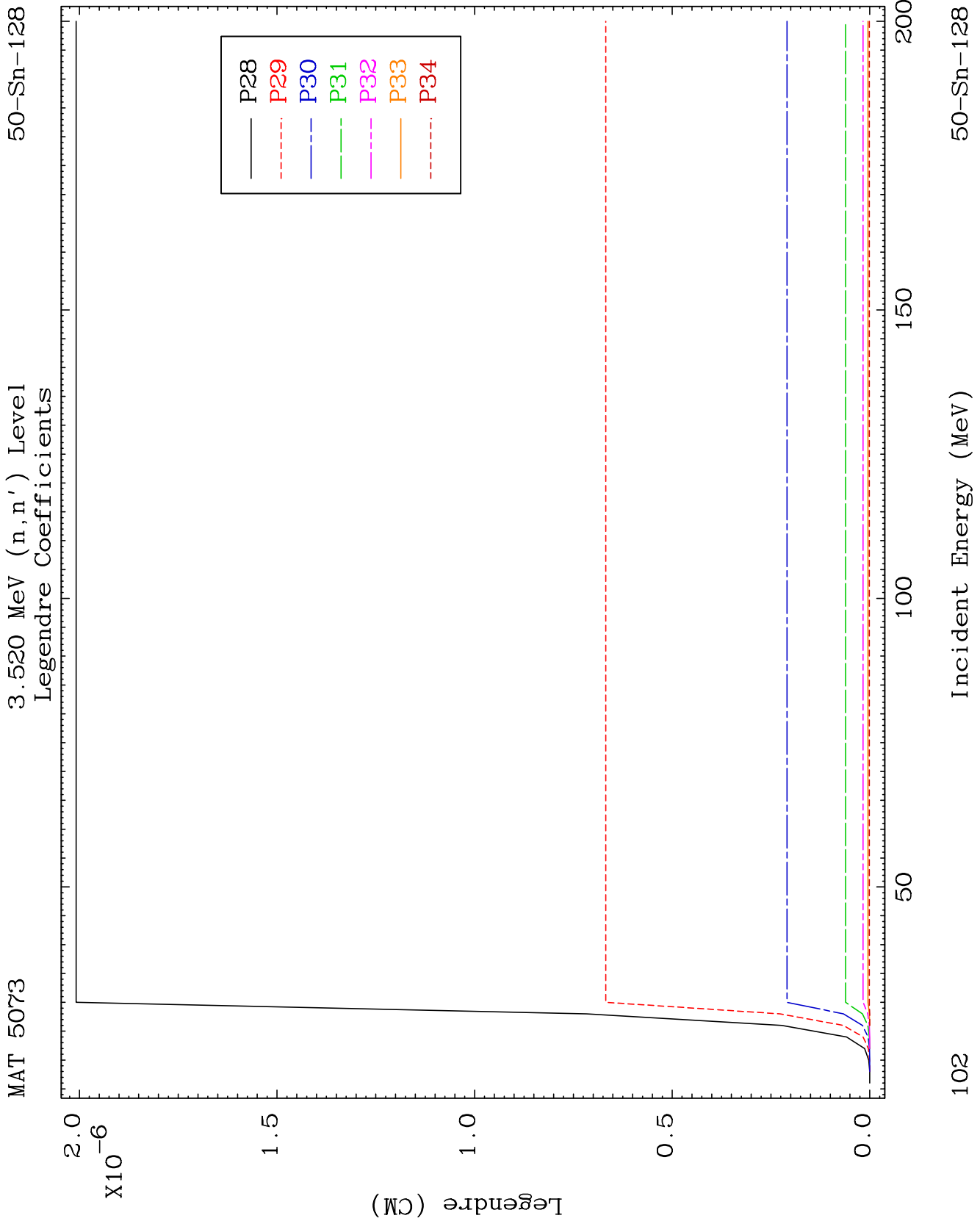


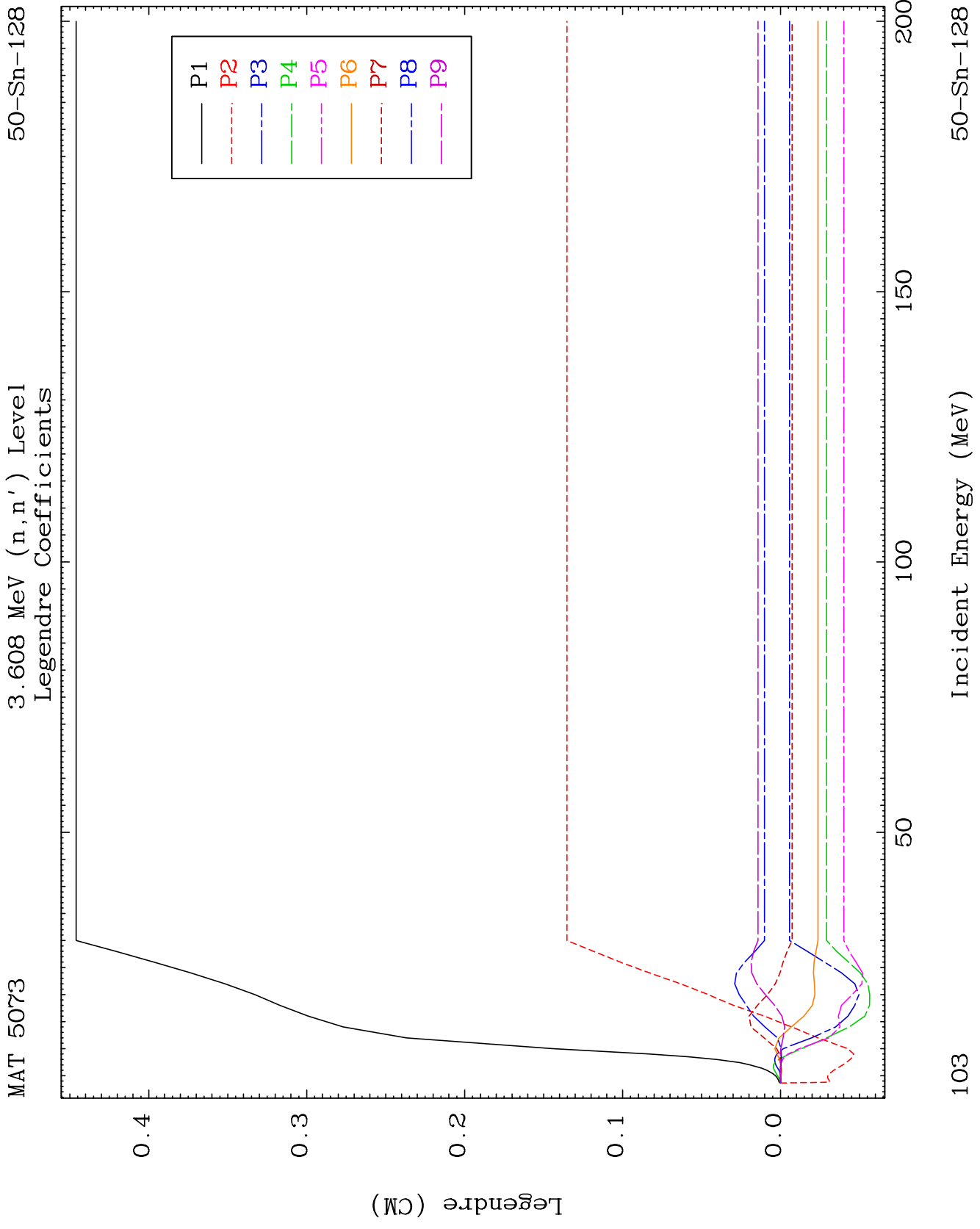










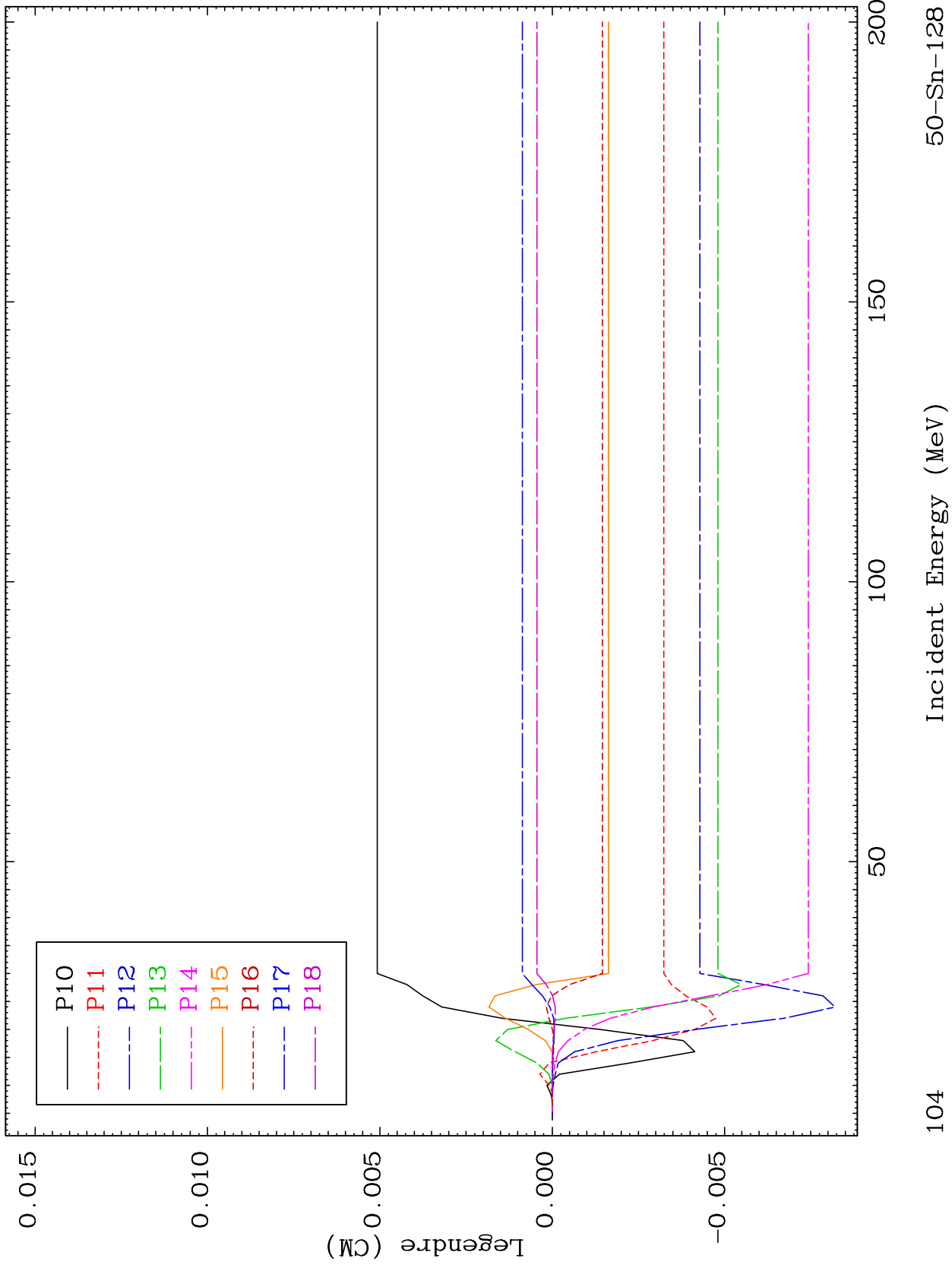




MAT 5073

3.608 MeV (n,n') Level  
Legendre Coefficients

50-Sn-128



104

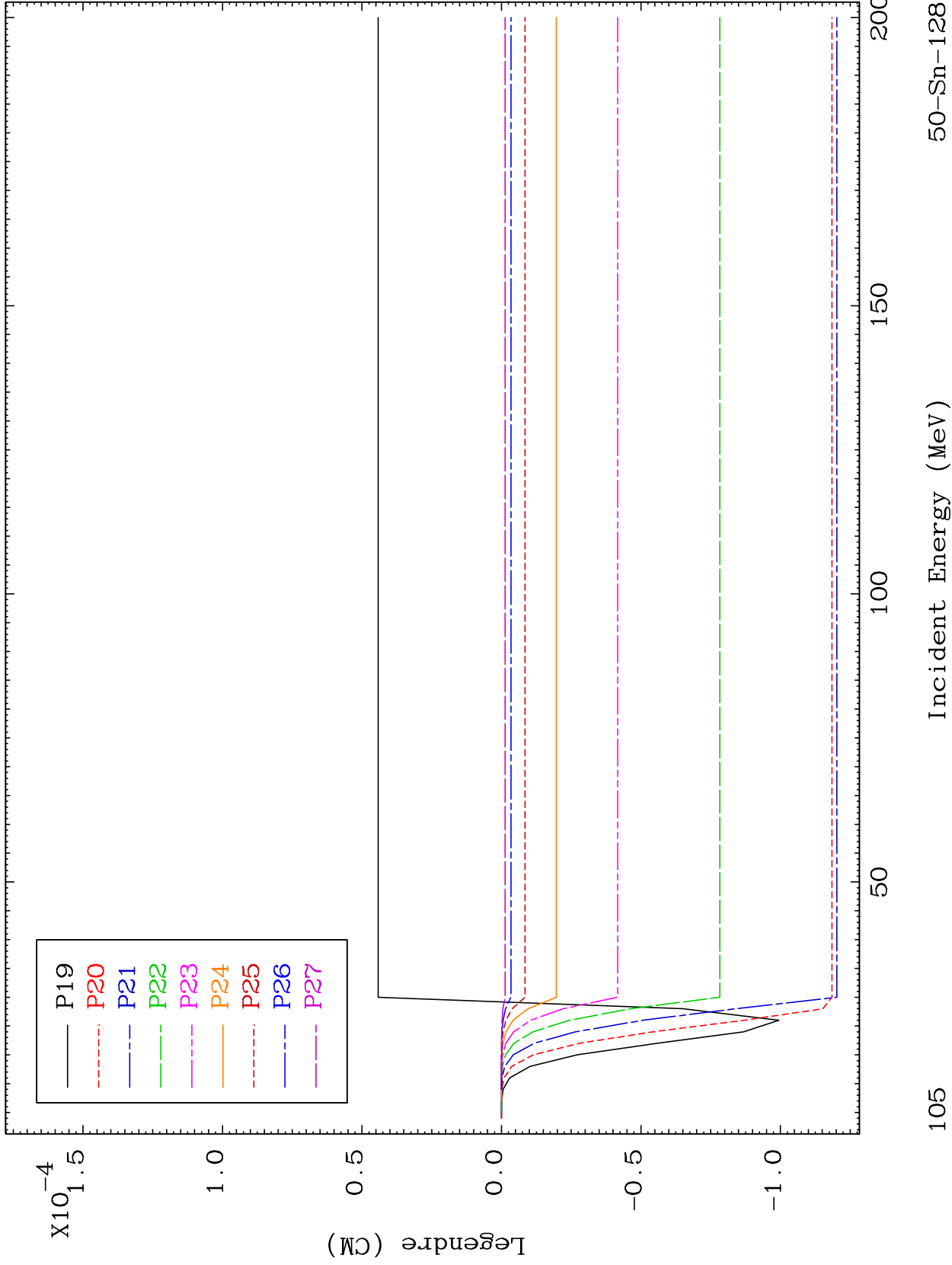
Incident Energy (MeV)

50-Sn-128

MAT 5073

3.608 MeV (n,n') Level  
Legendre Coefficients

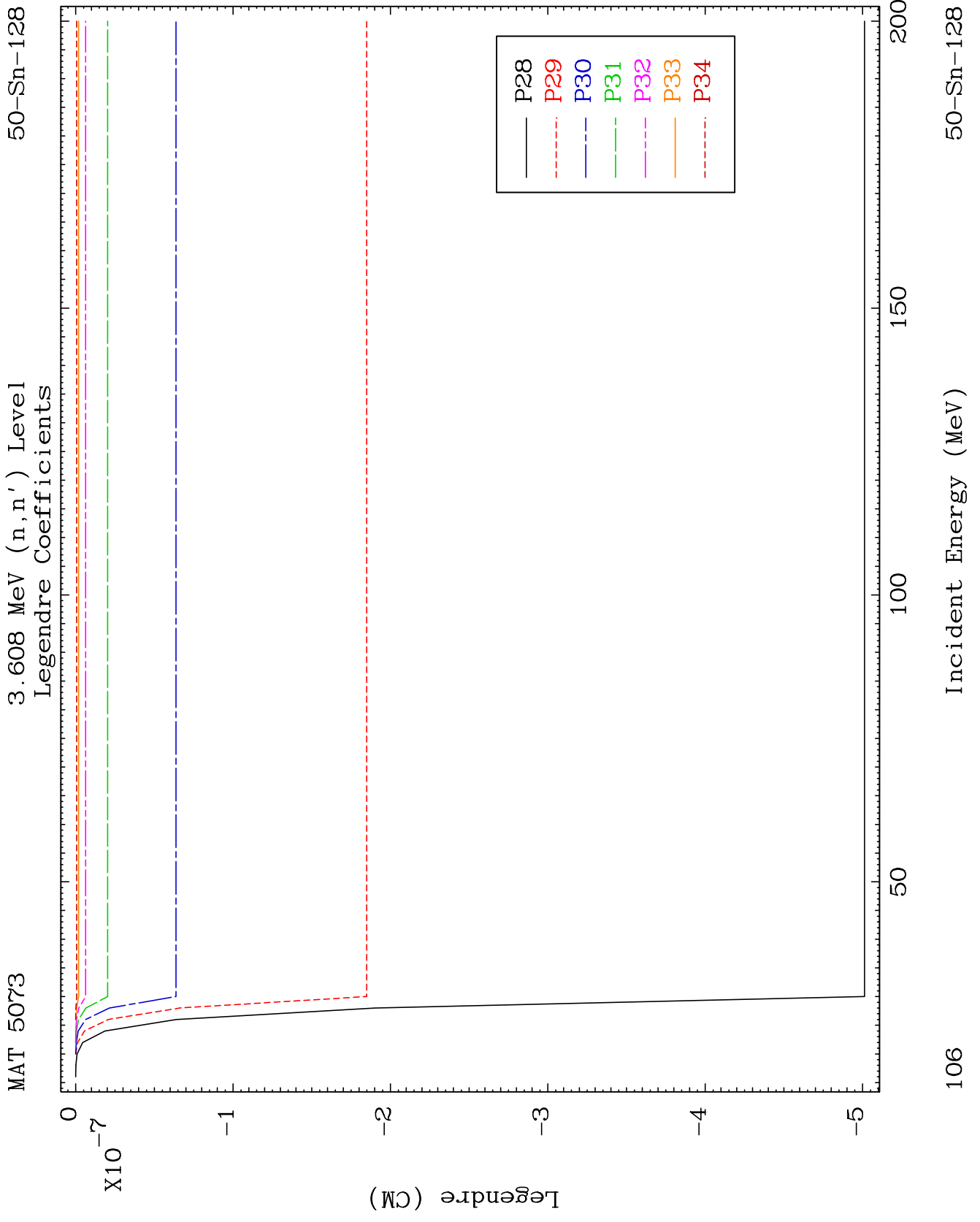
50-Sn-128

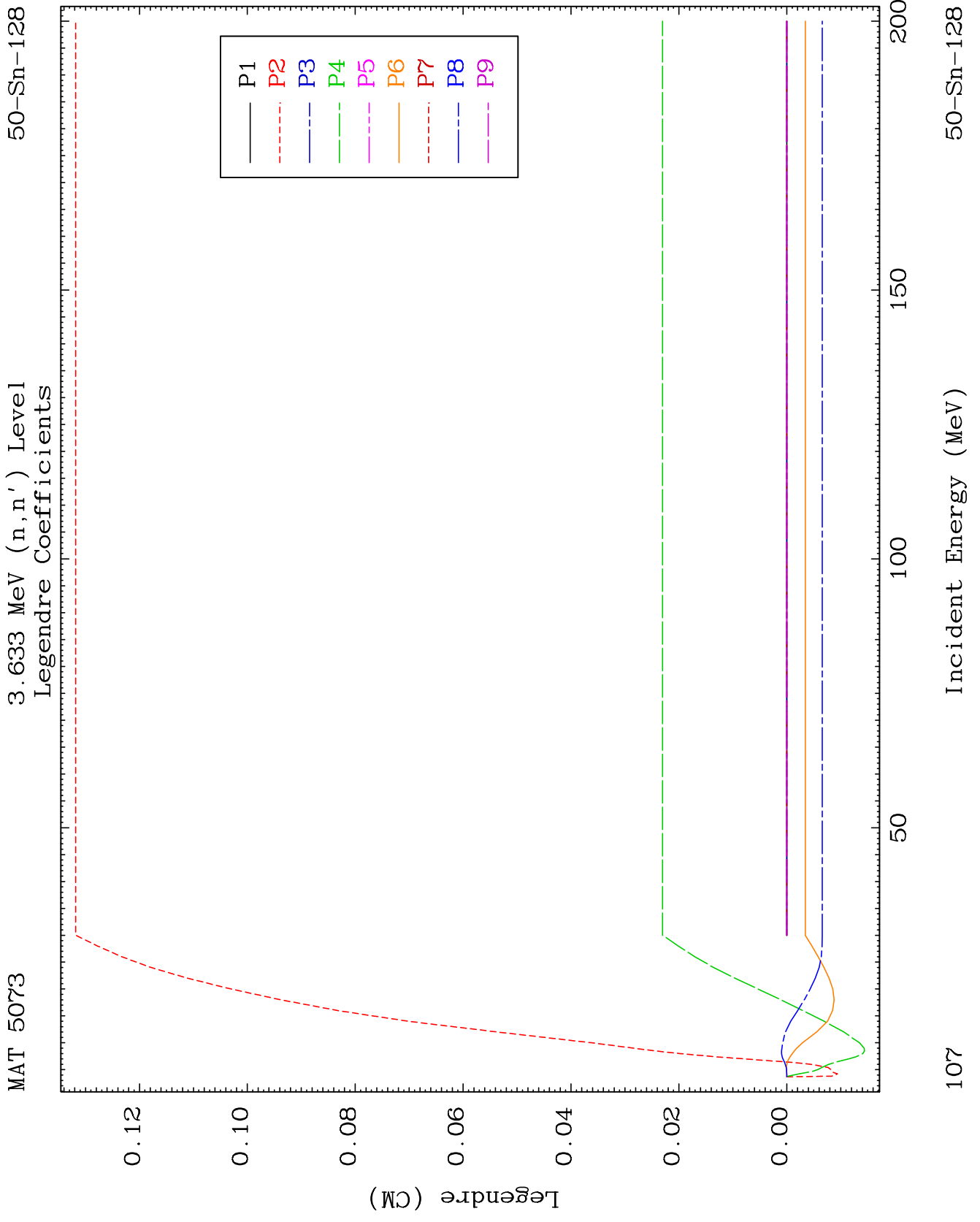


105

Incident Energy (MeV)

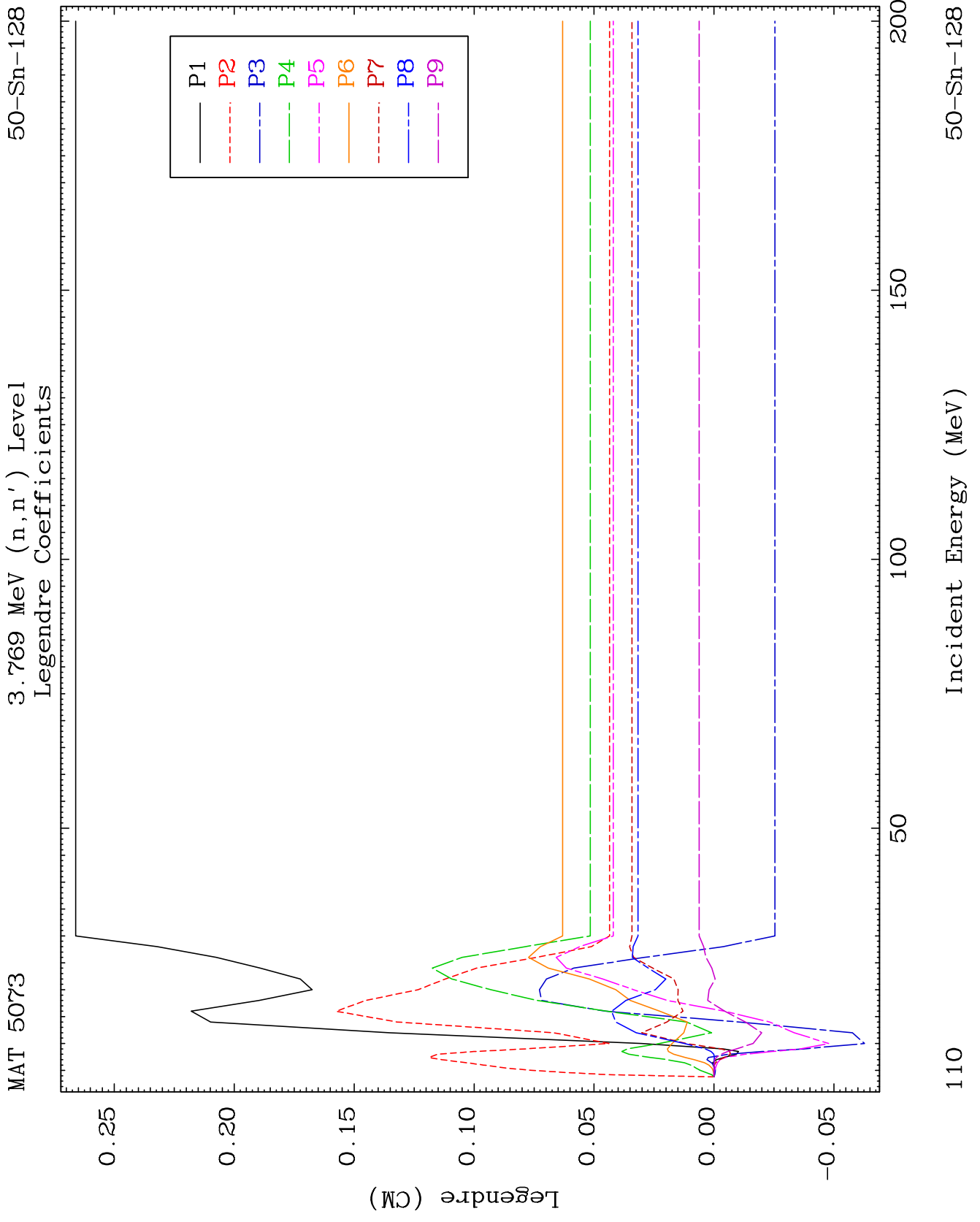
50-Sn-128

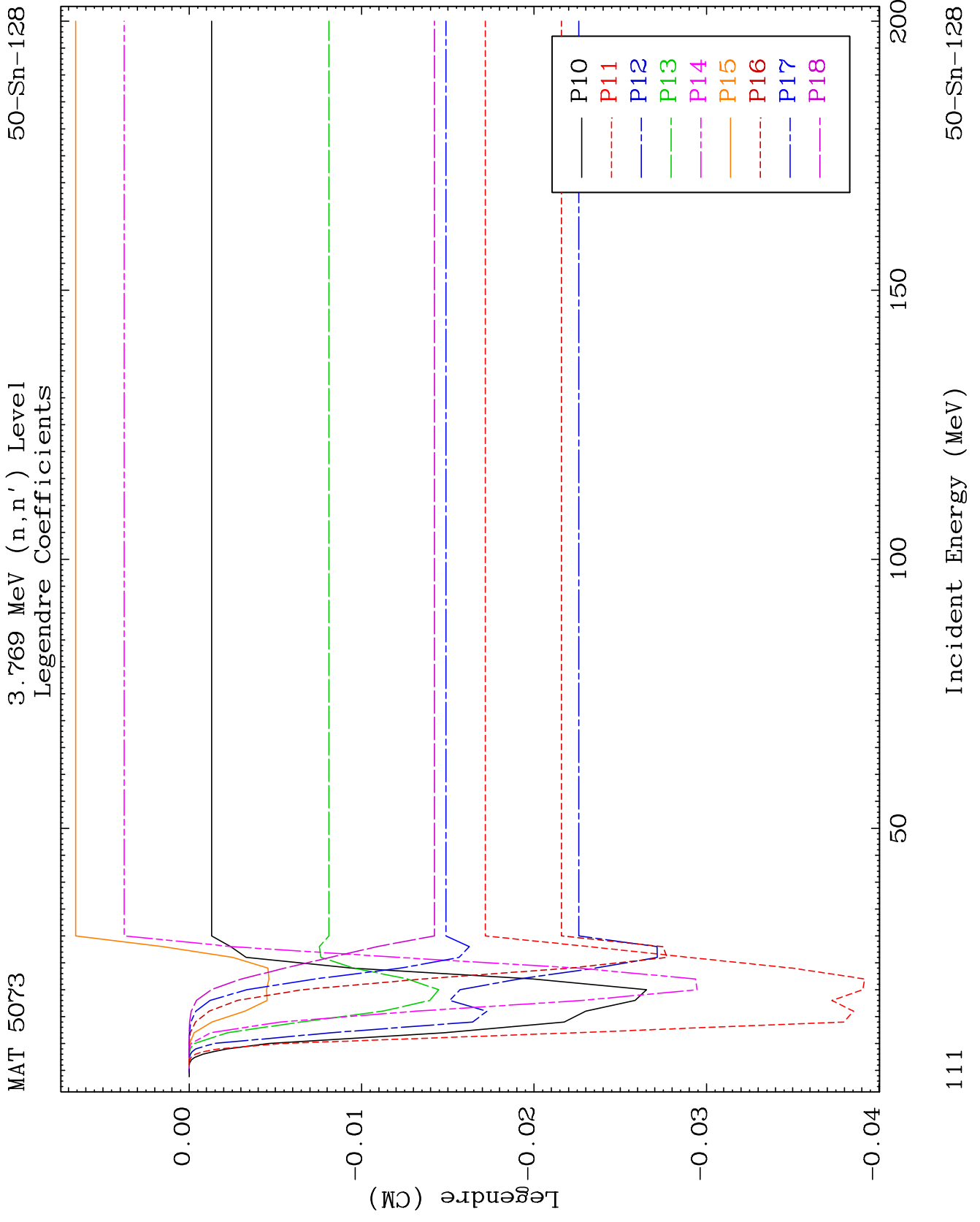




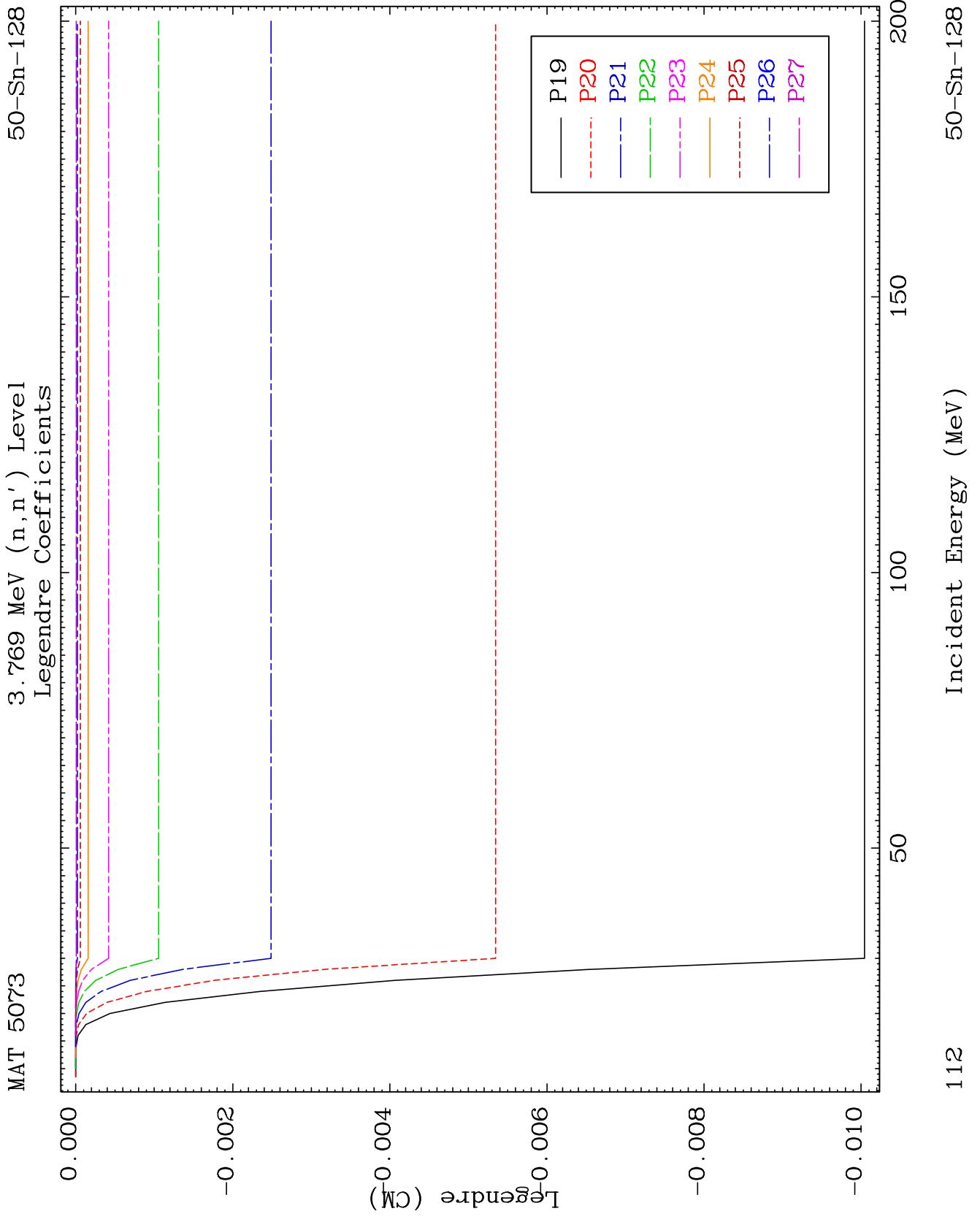


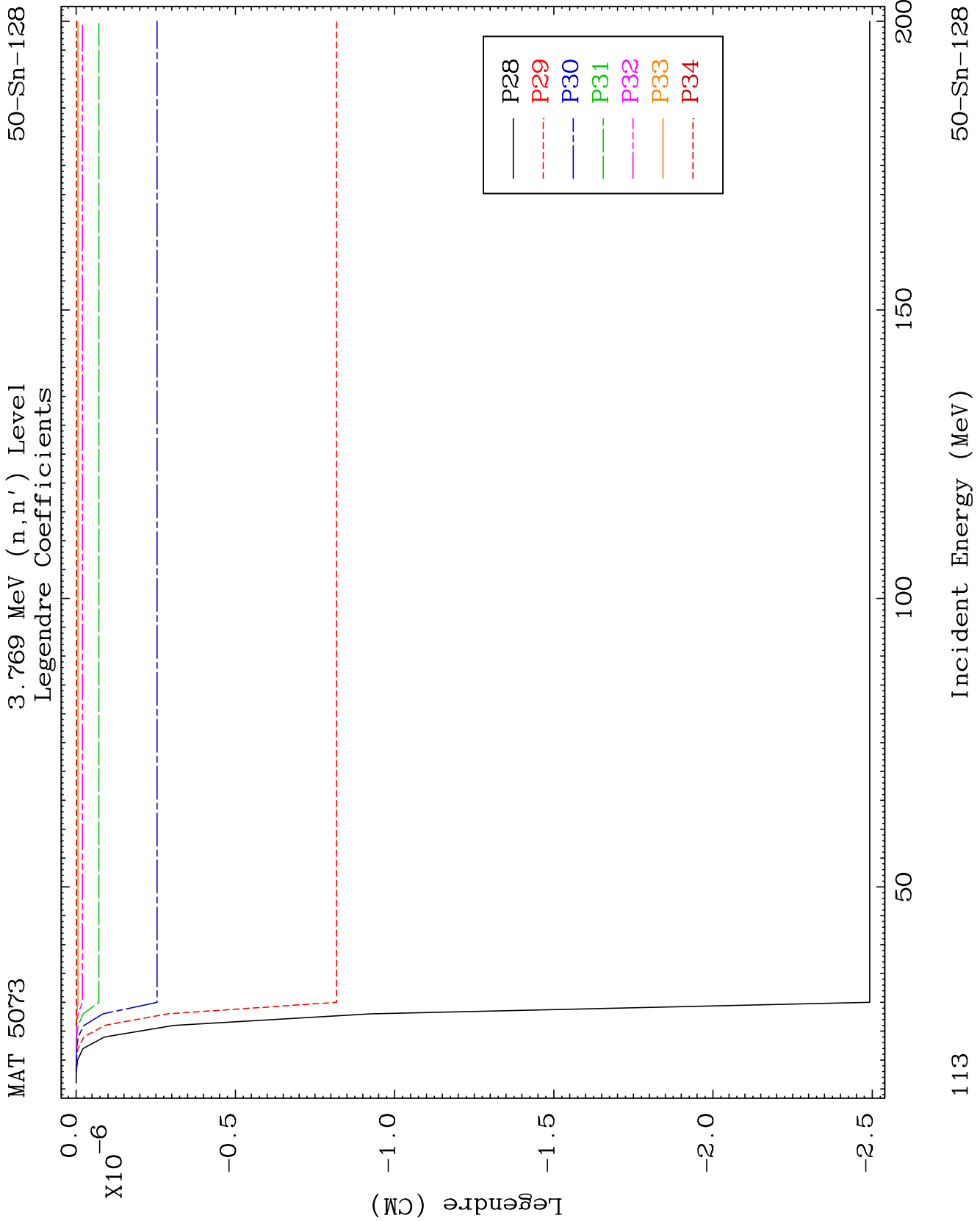










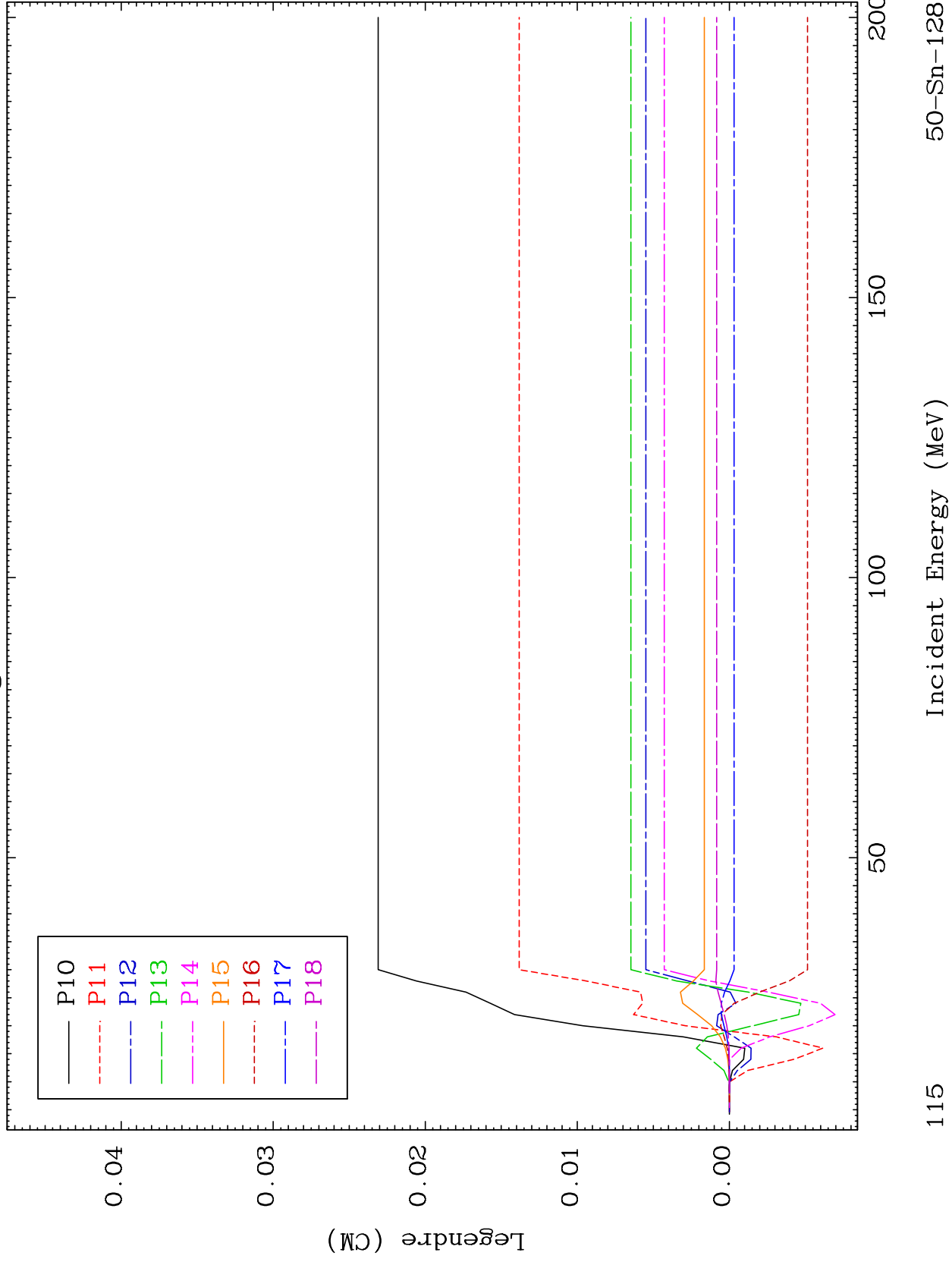




MAT 5073

3.871 MeV (n,n') Level  
Legendre Coefficients

50-Sn-128



115

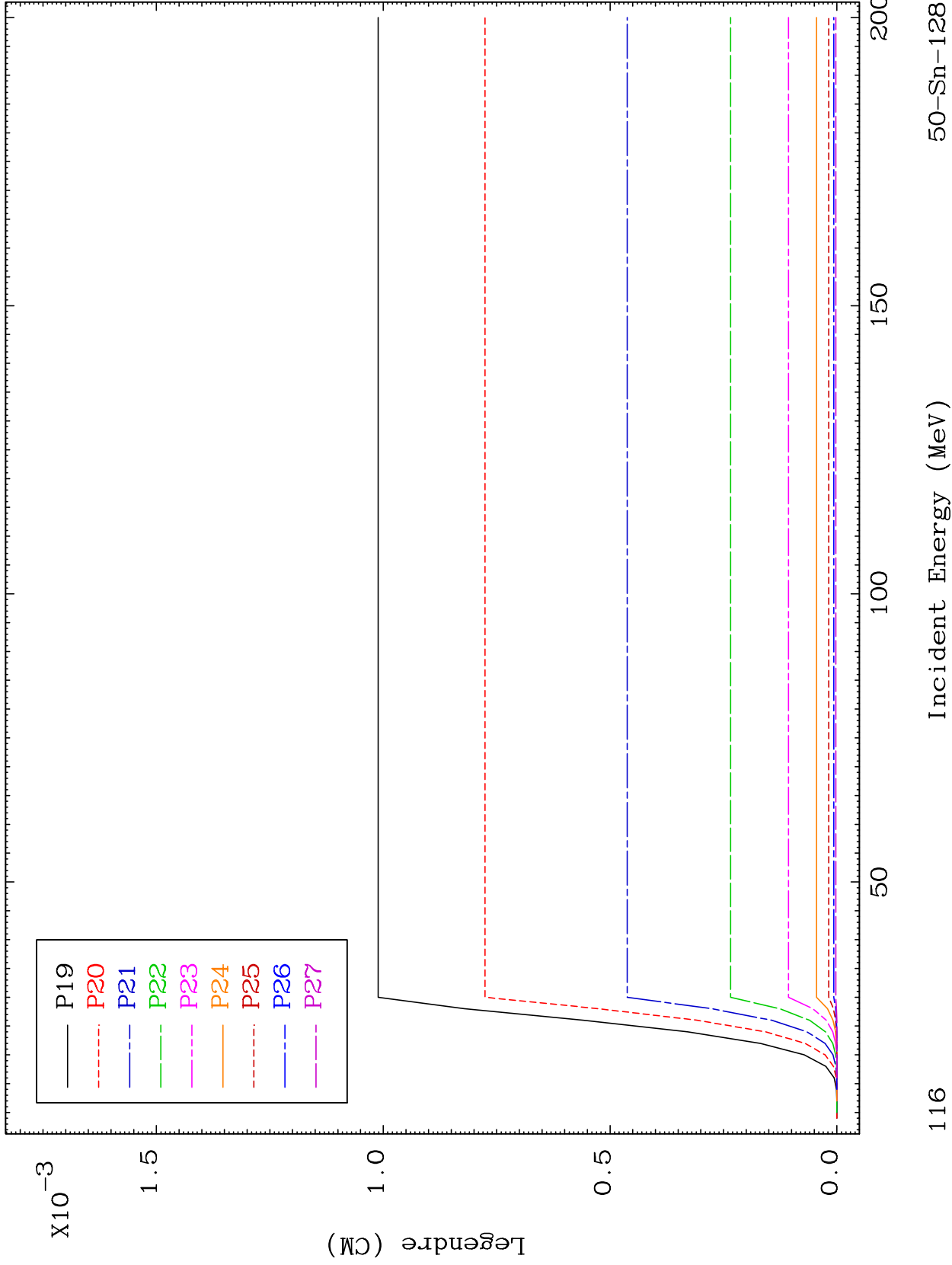
Incident Energy (MeV)

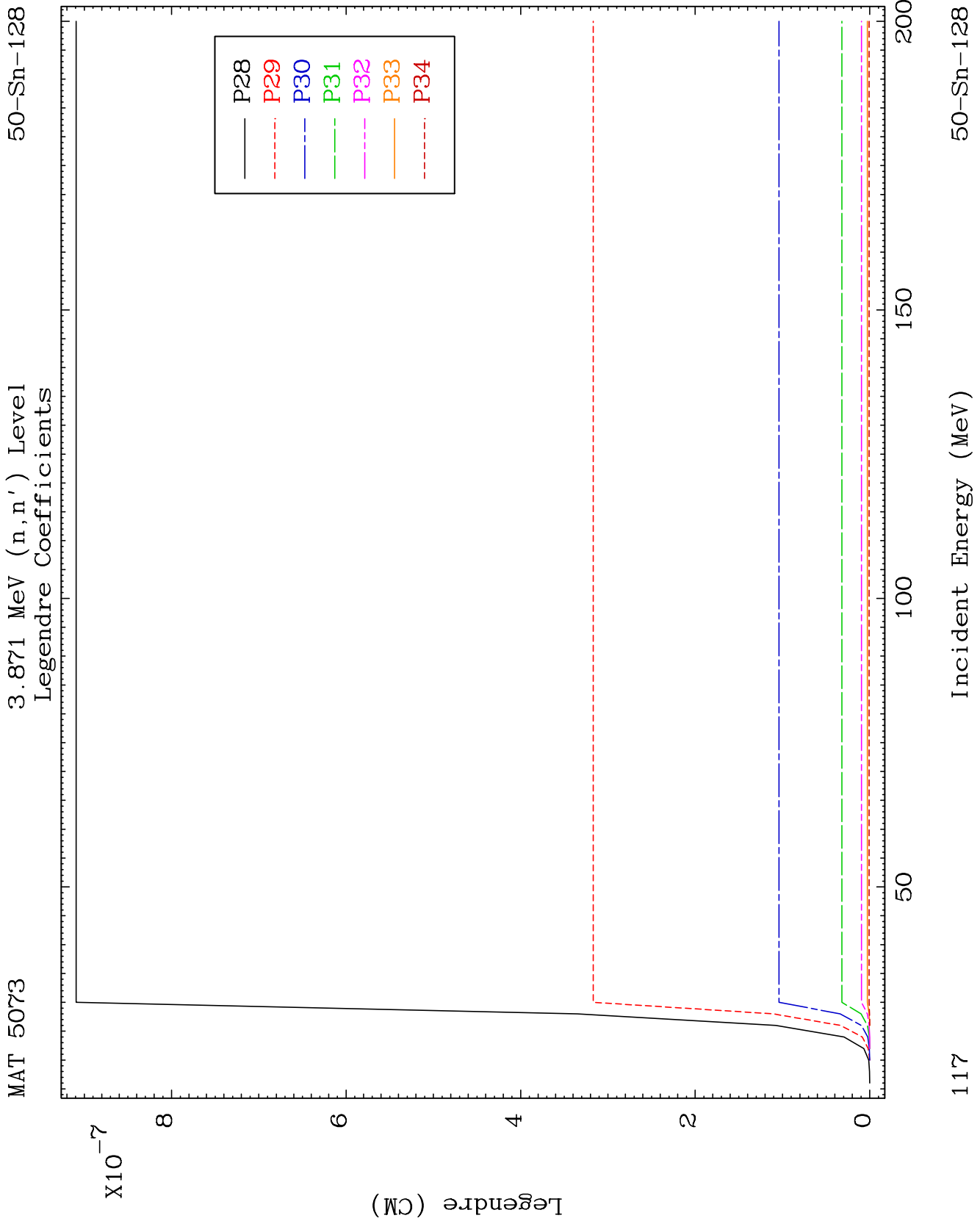
50-Sn-128

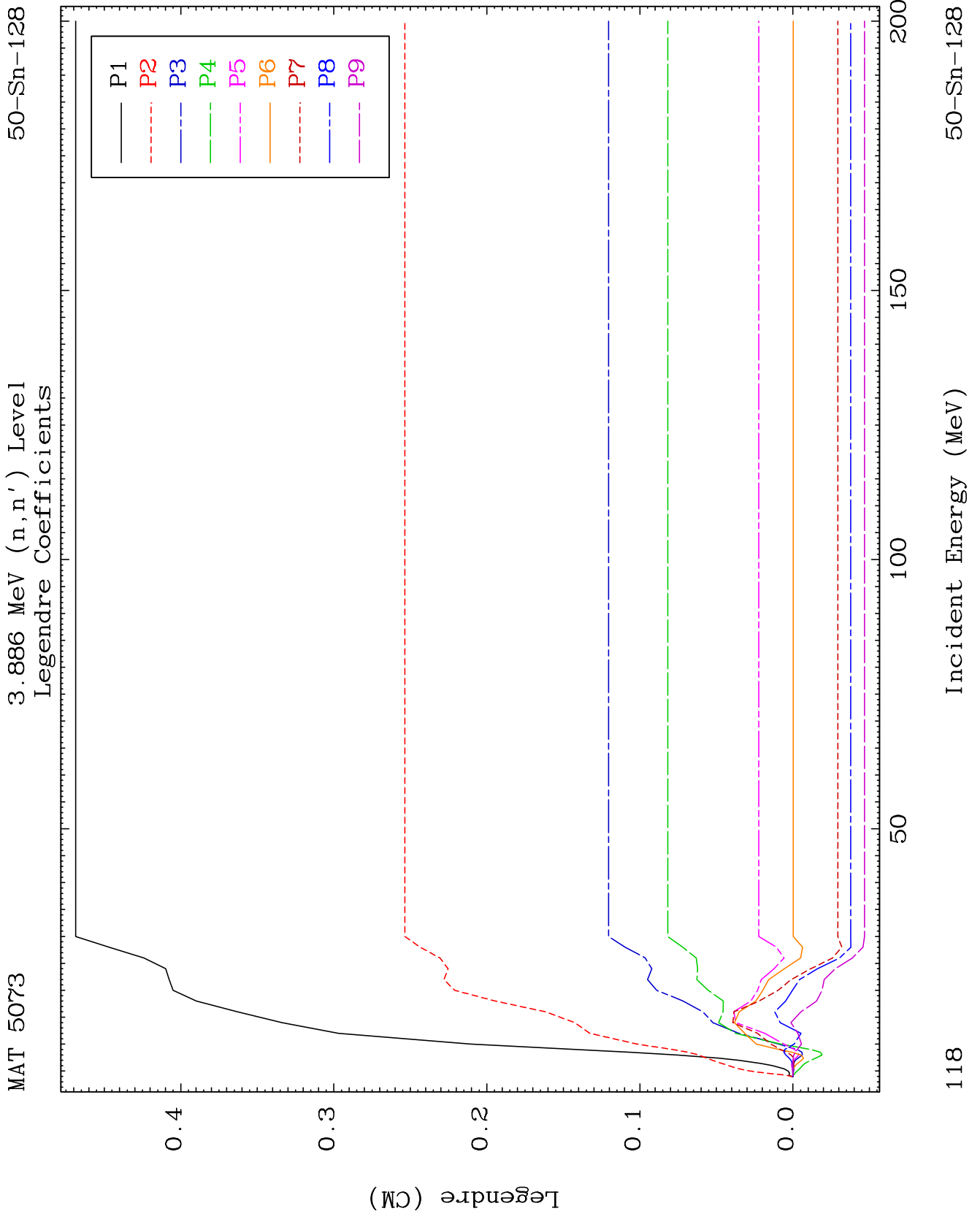
MAT 5073

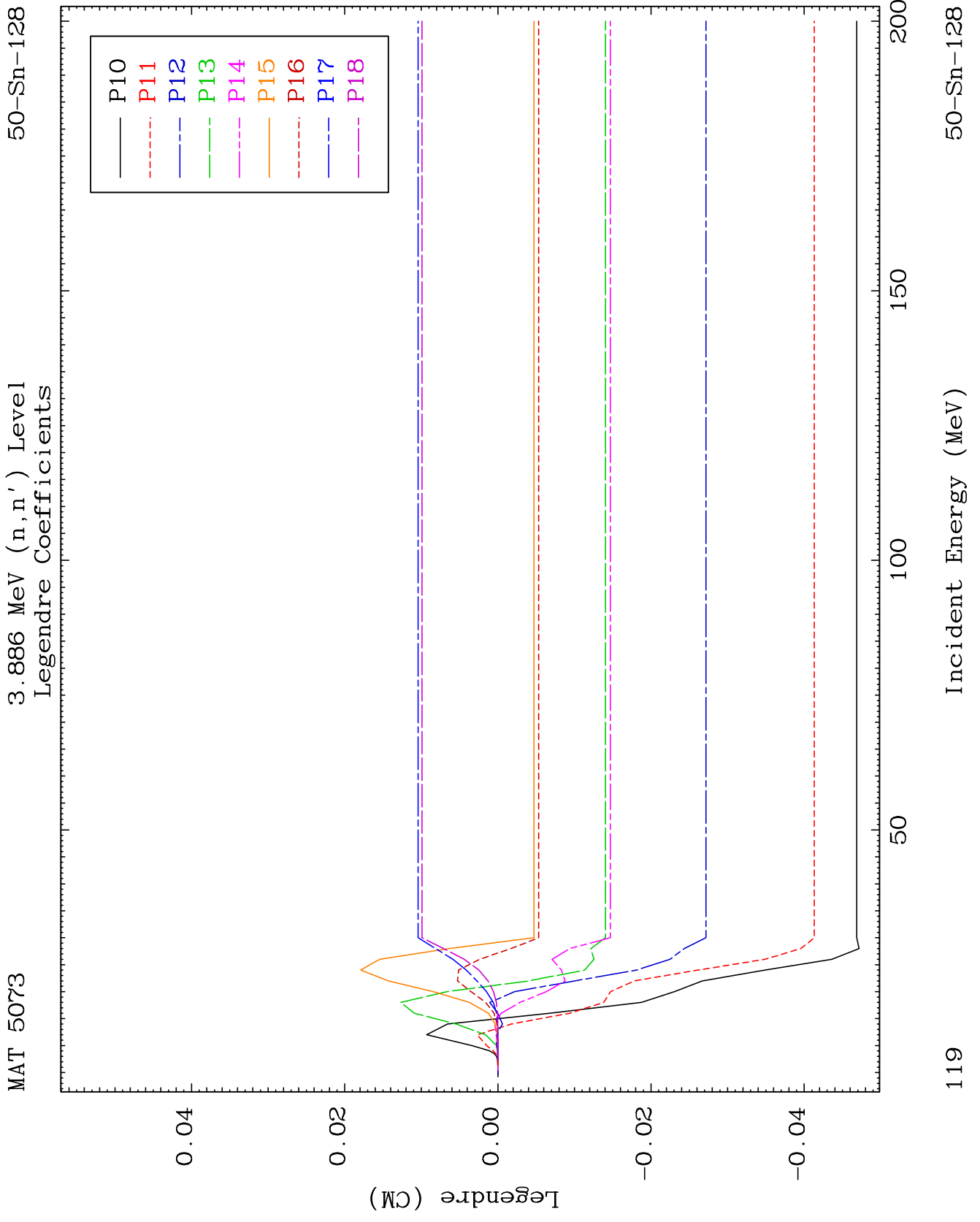
3.871 MeV (n,n') Level  
Legendre Coefficients

50-Sn-128

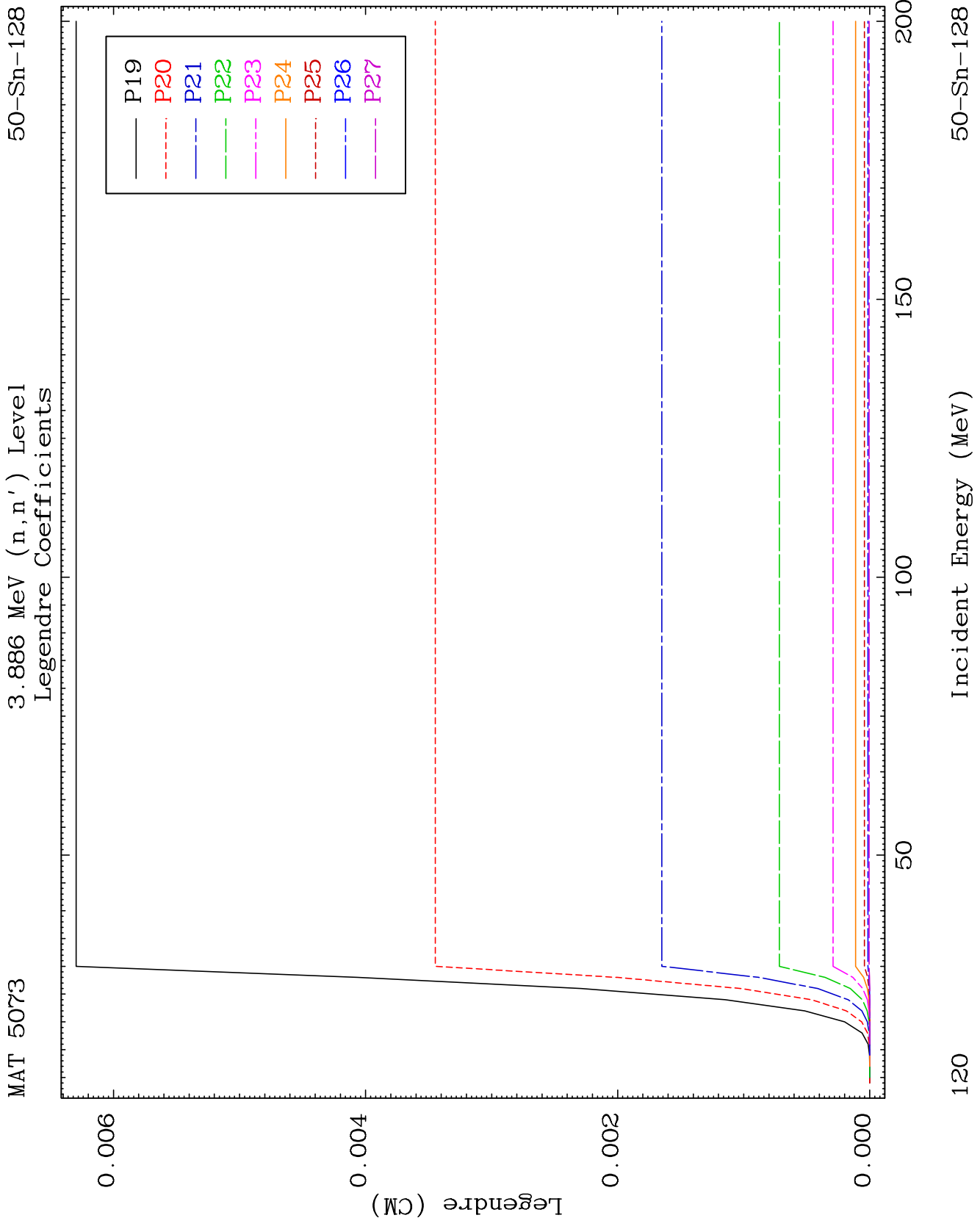


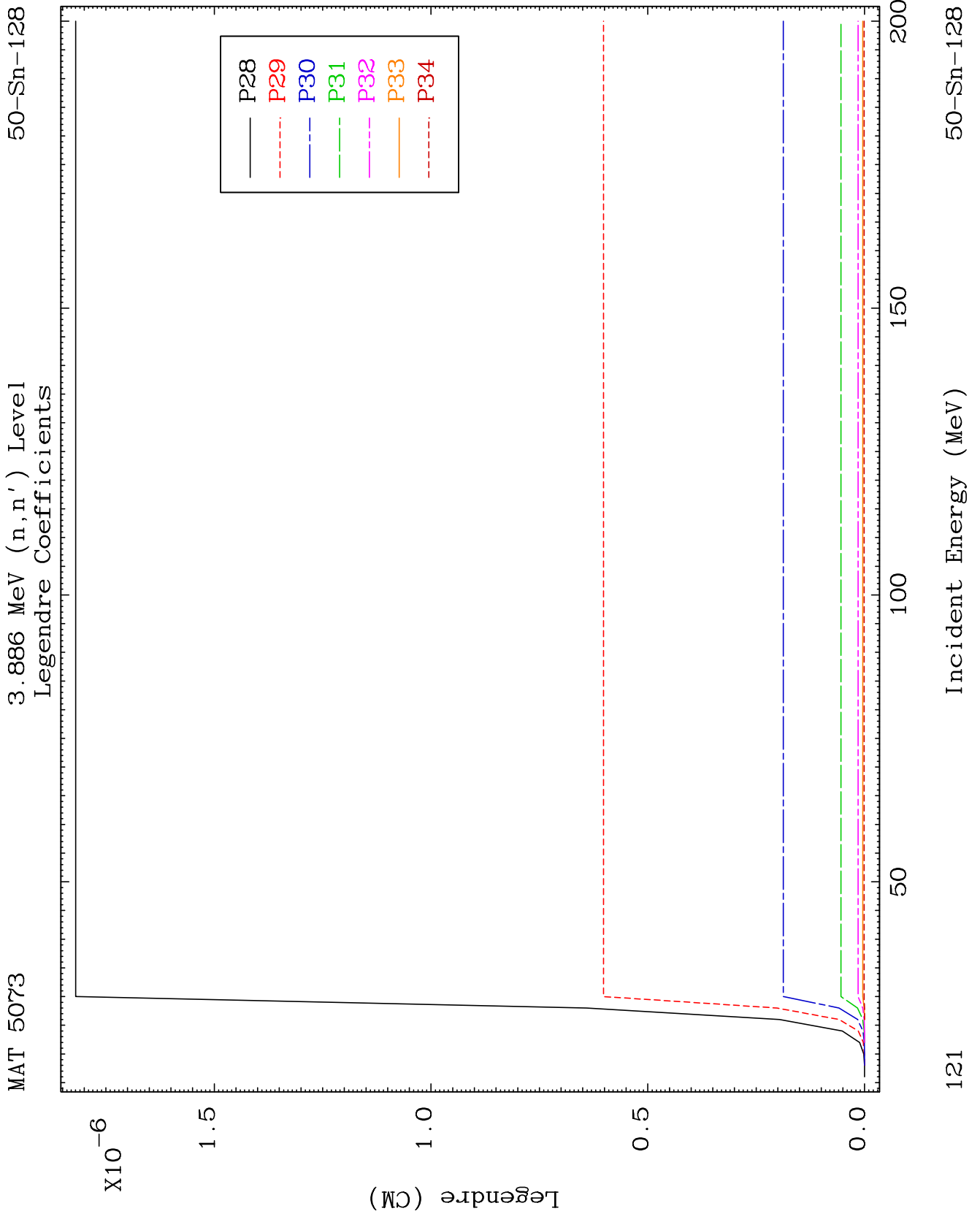


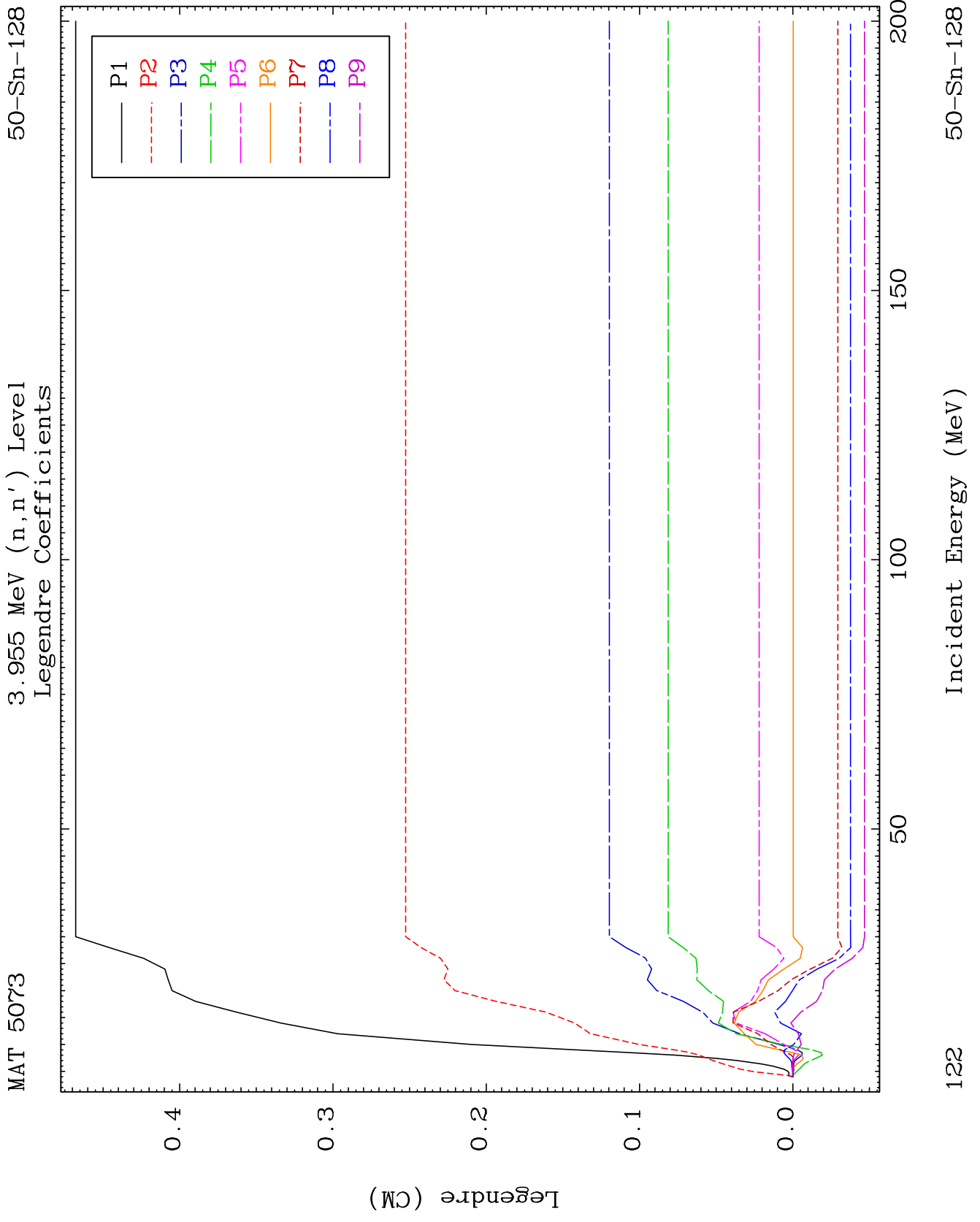


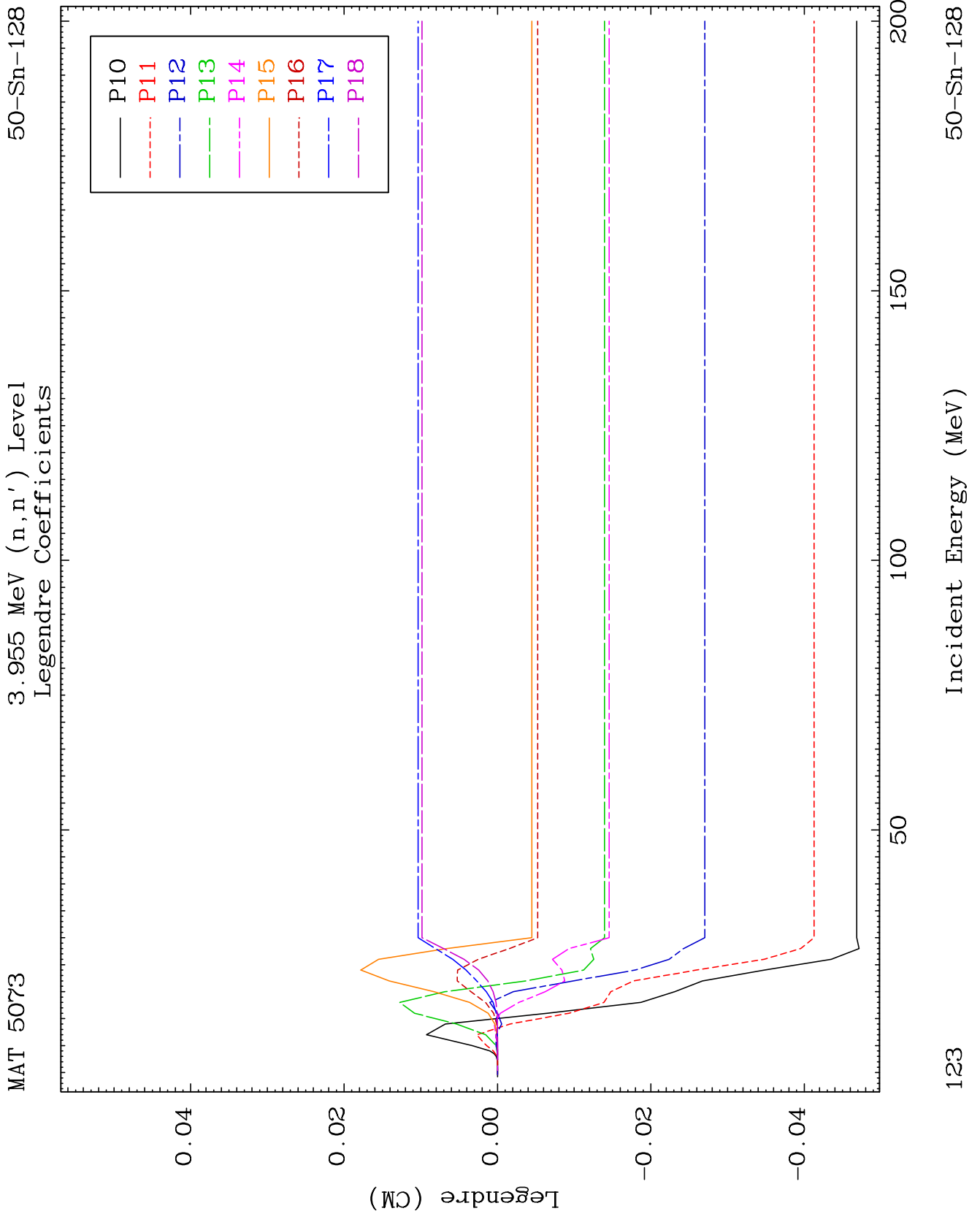


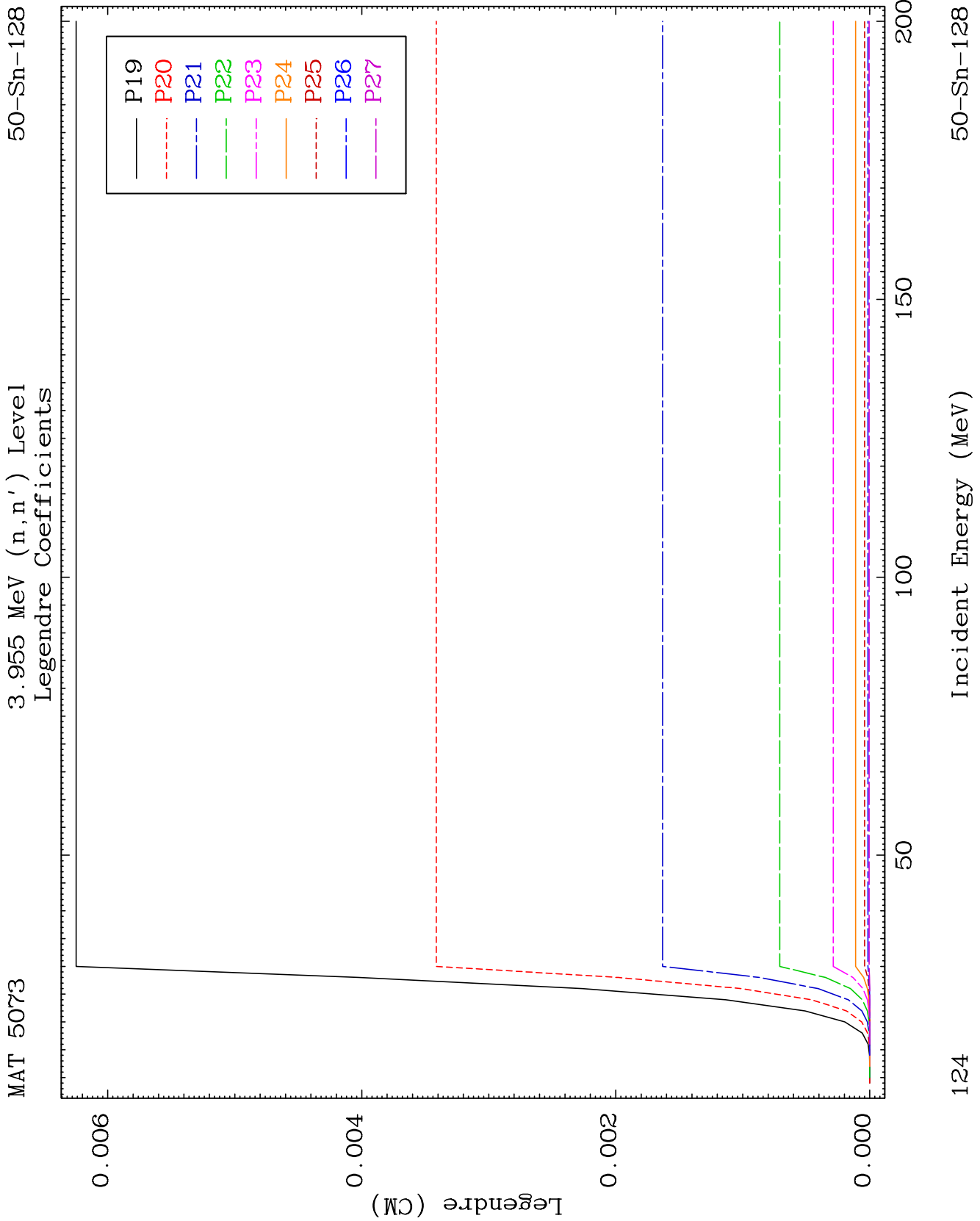


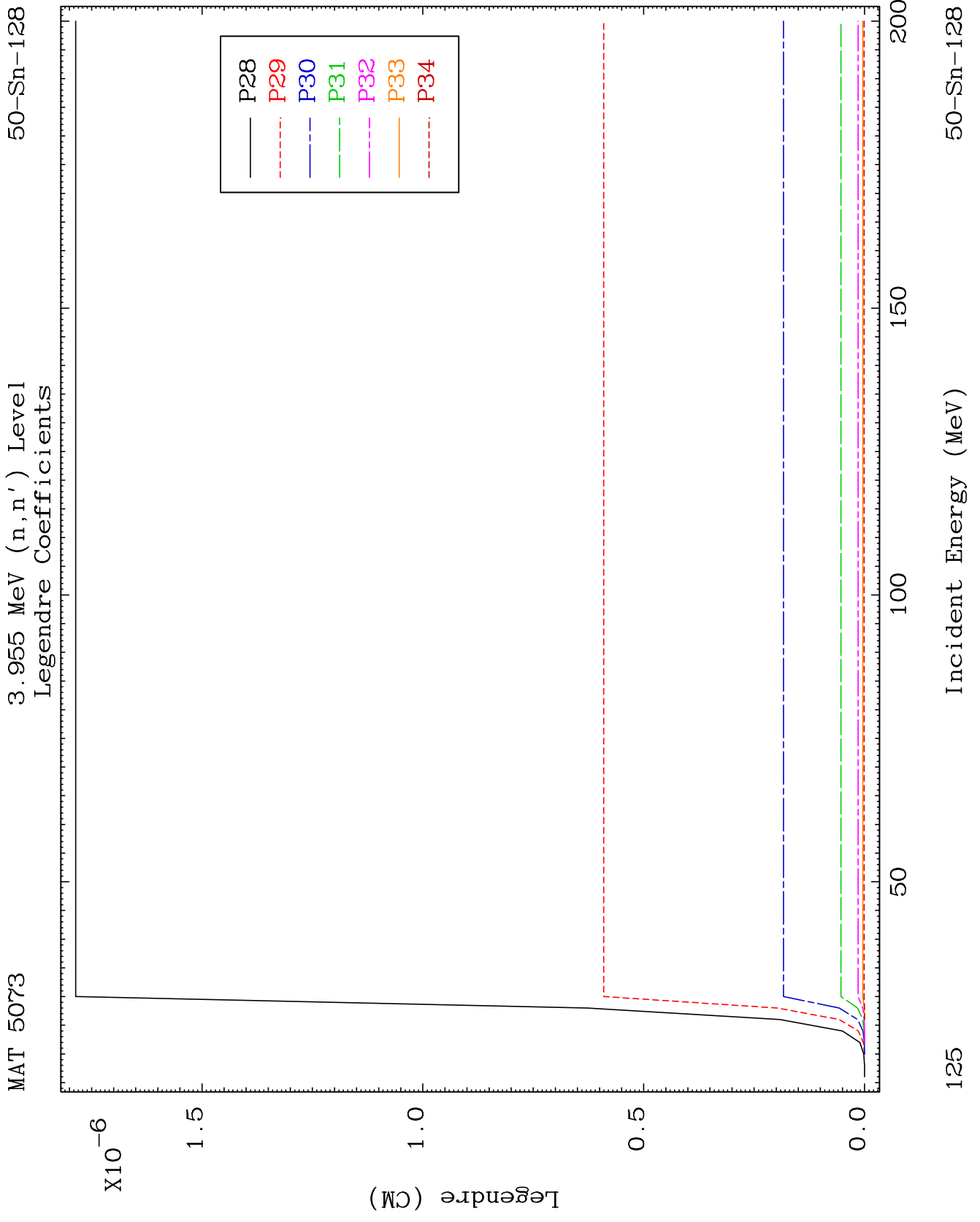


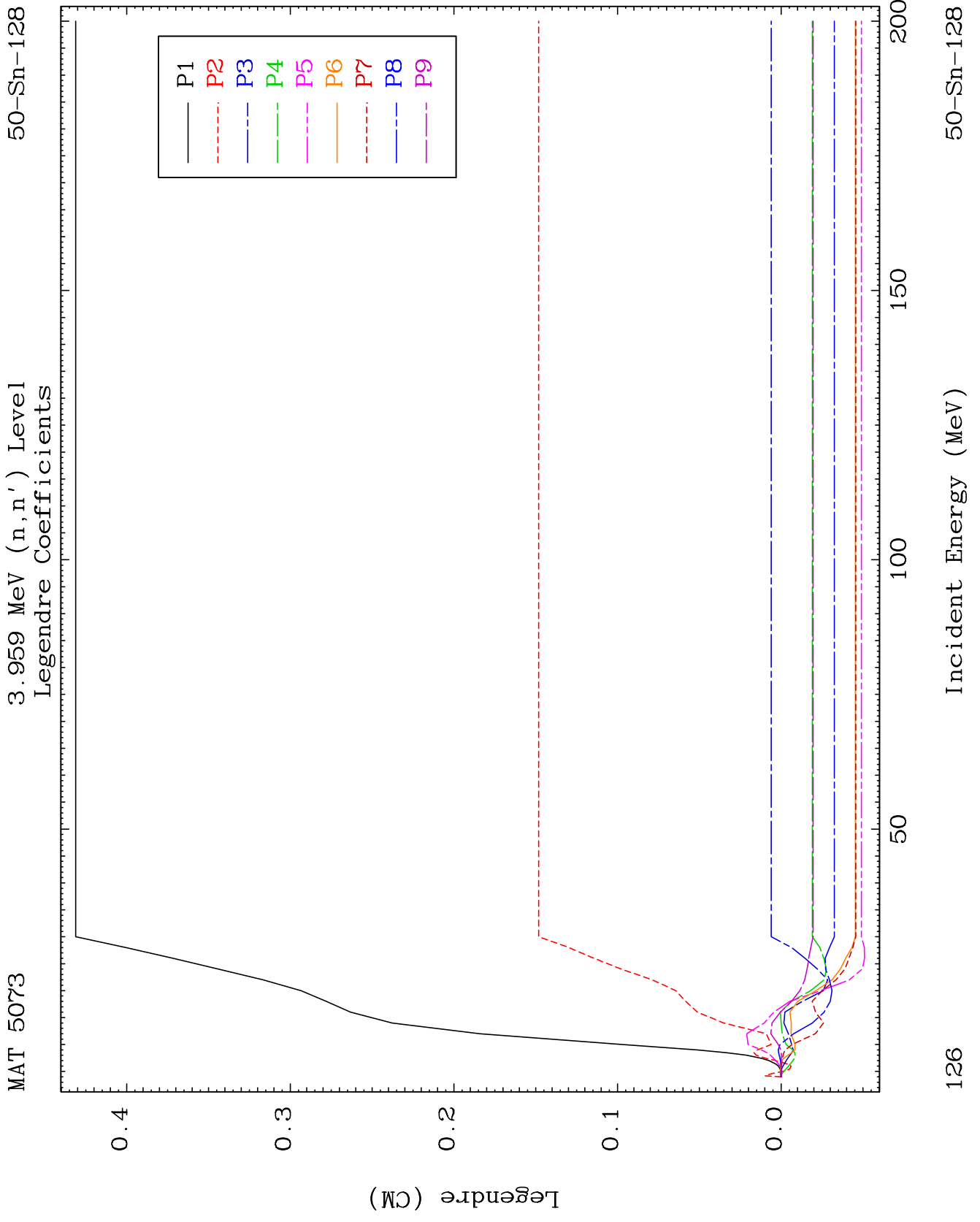


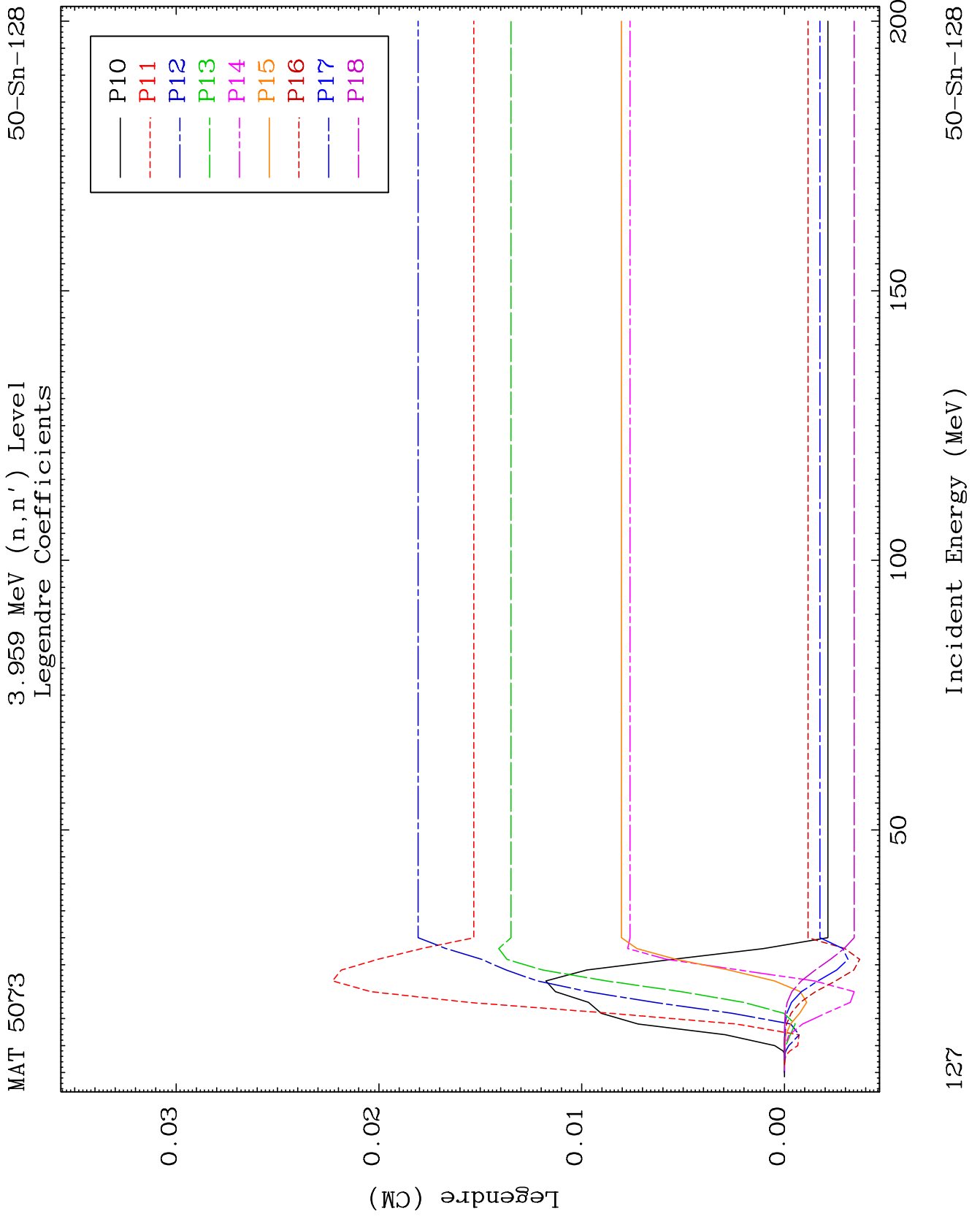




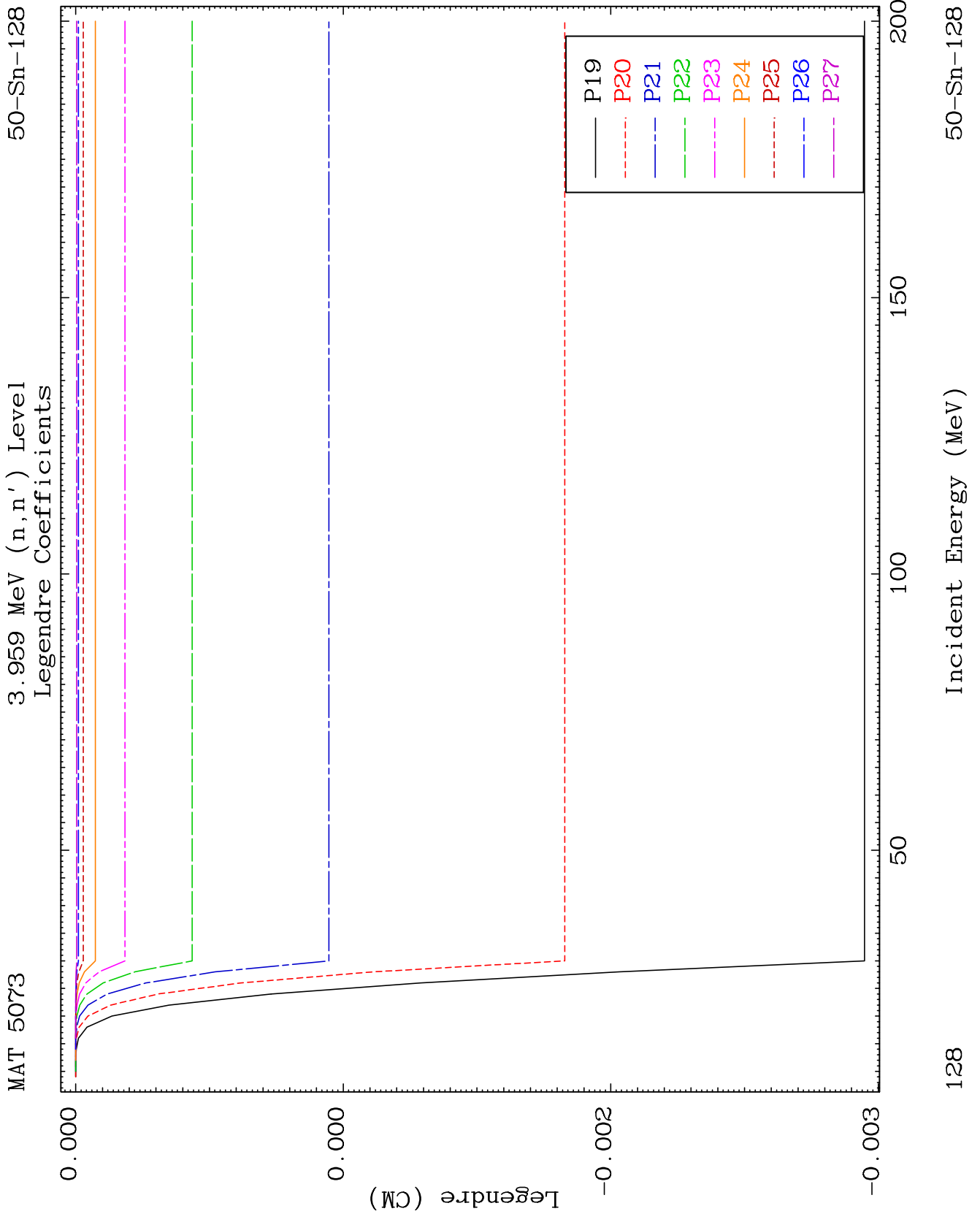


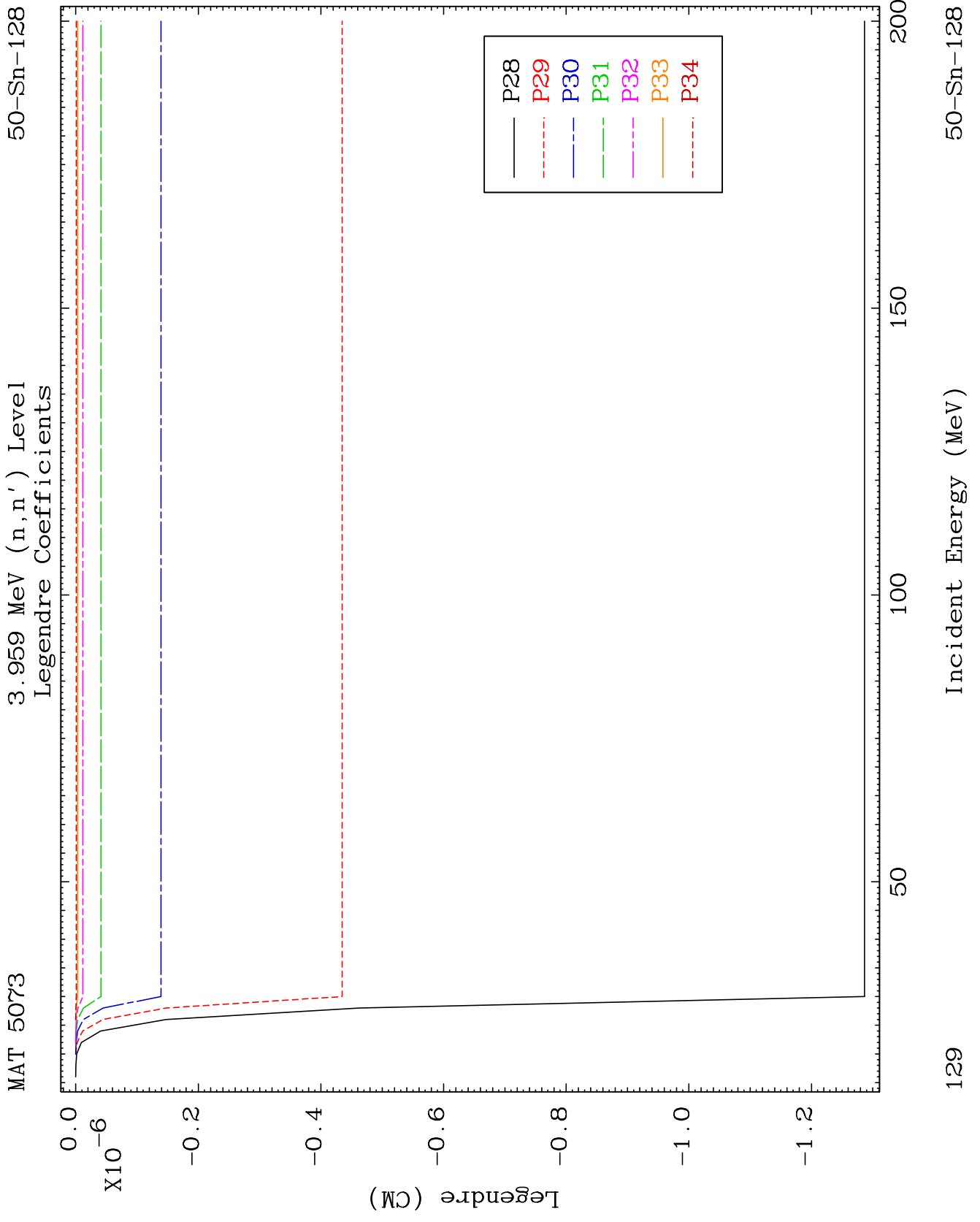










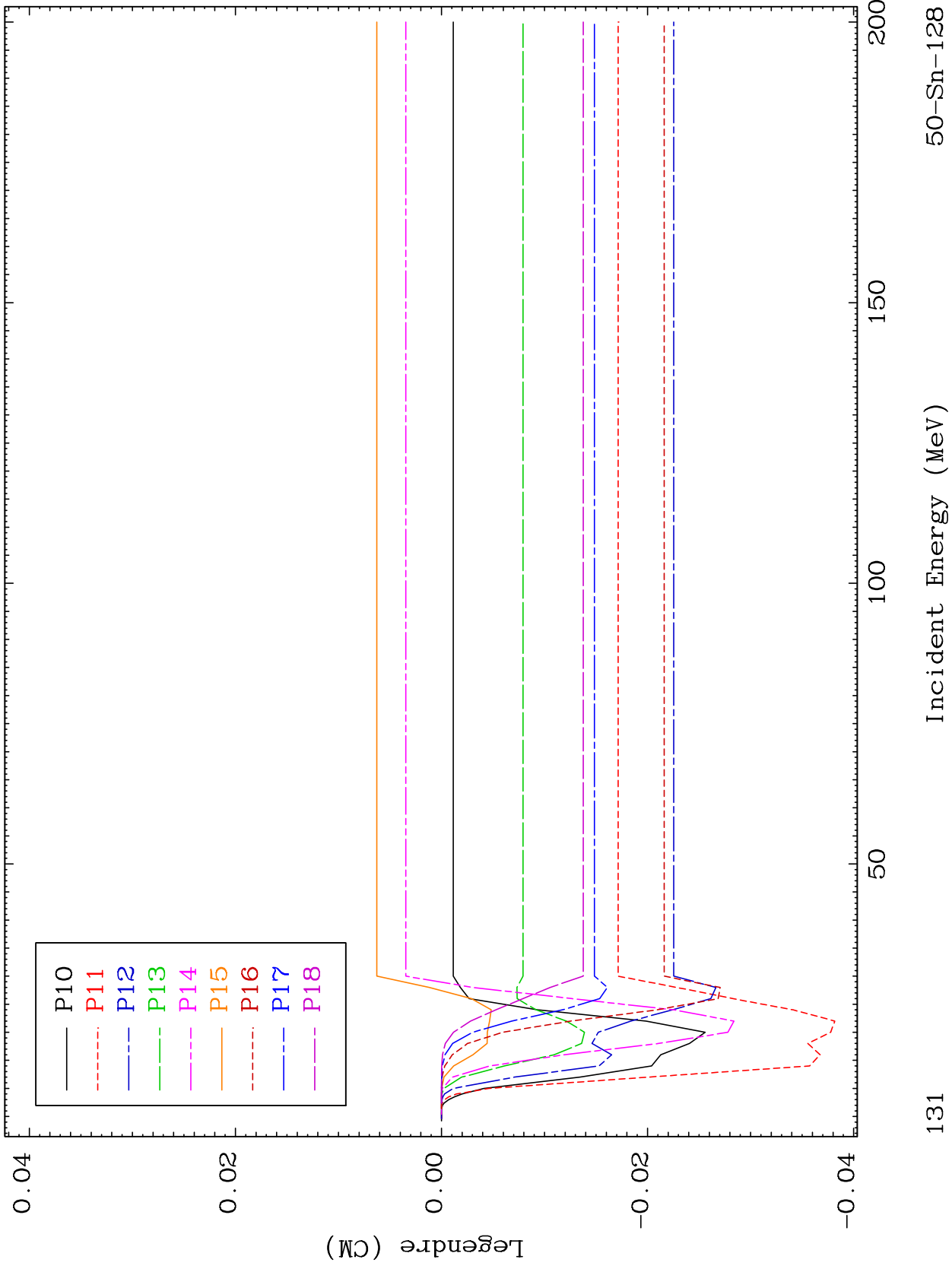




MAT 5073

3.988 MeV (n,n') Level  
Legendre Coefficients

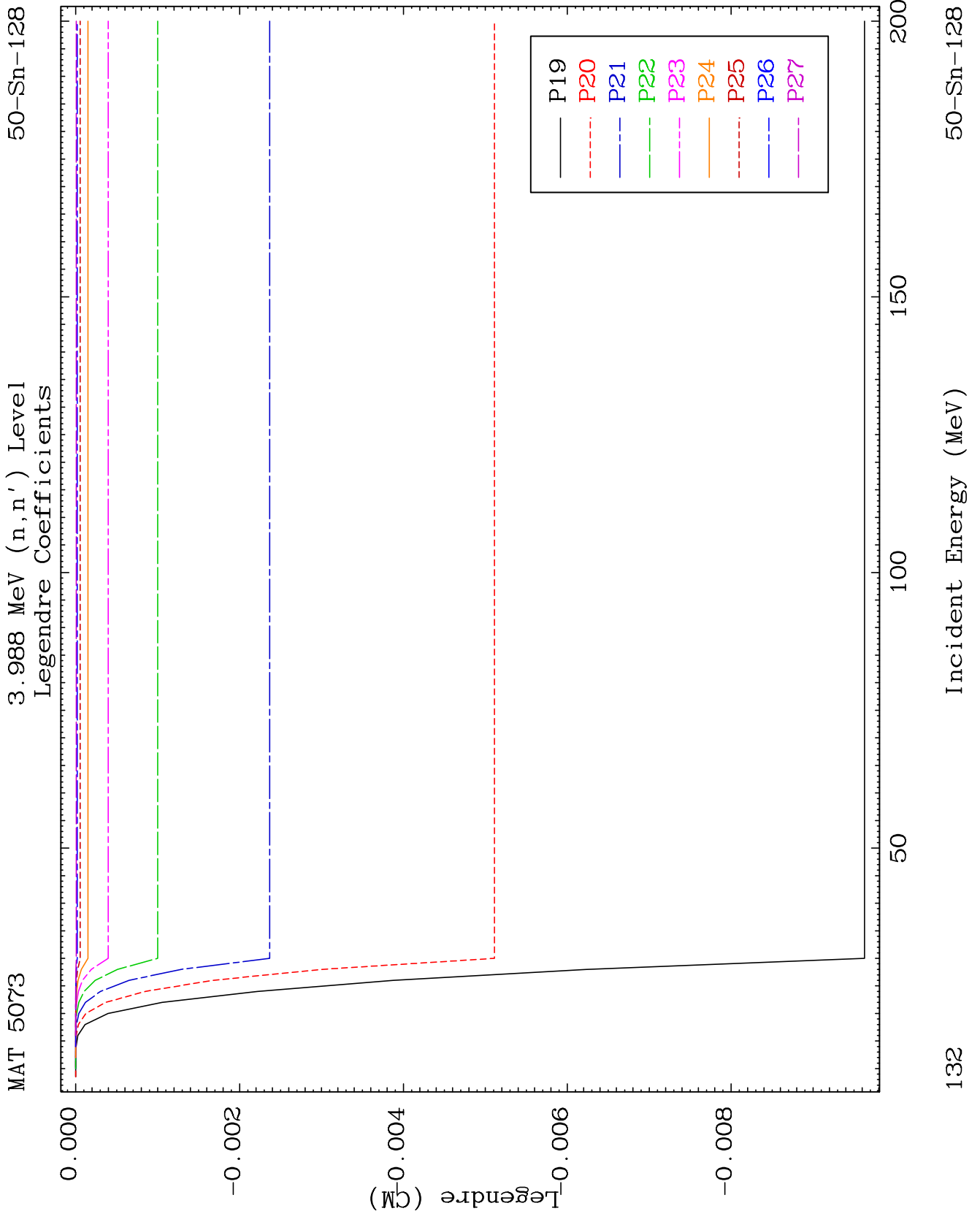
50-Sn-128

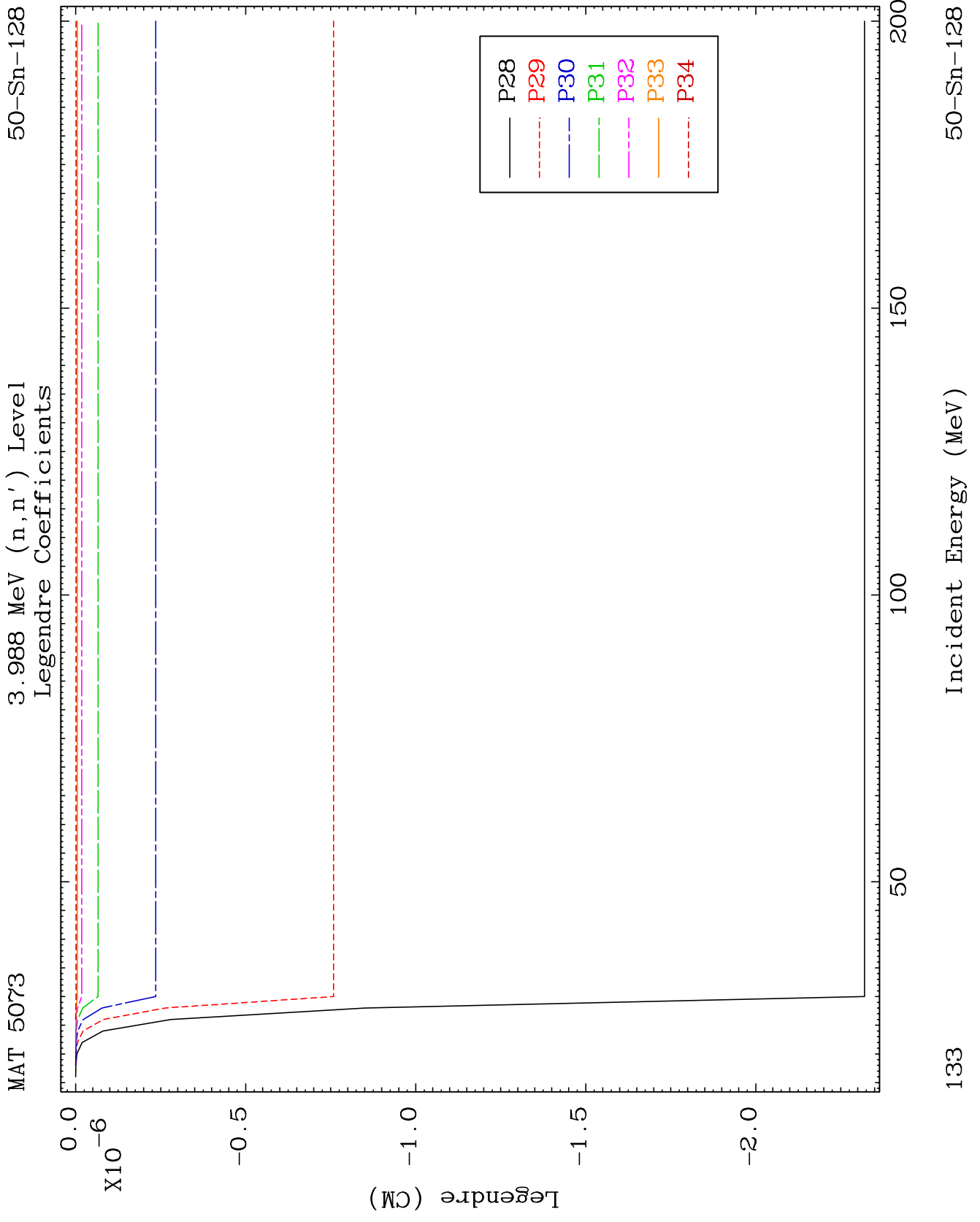


131

Incident Energy (MeV)

50-Sn-128

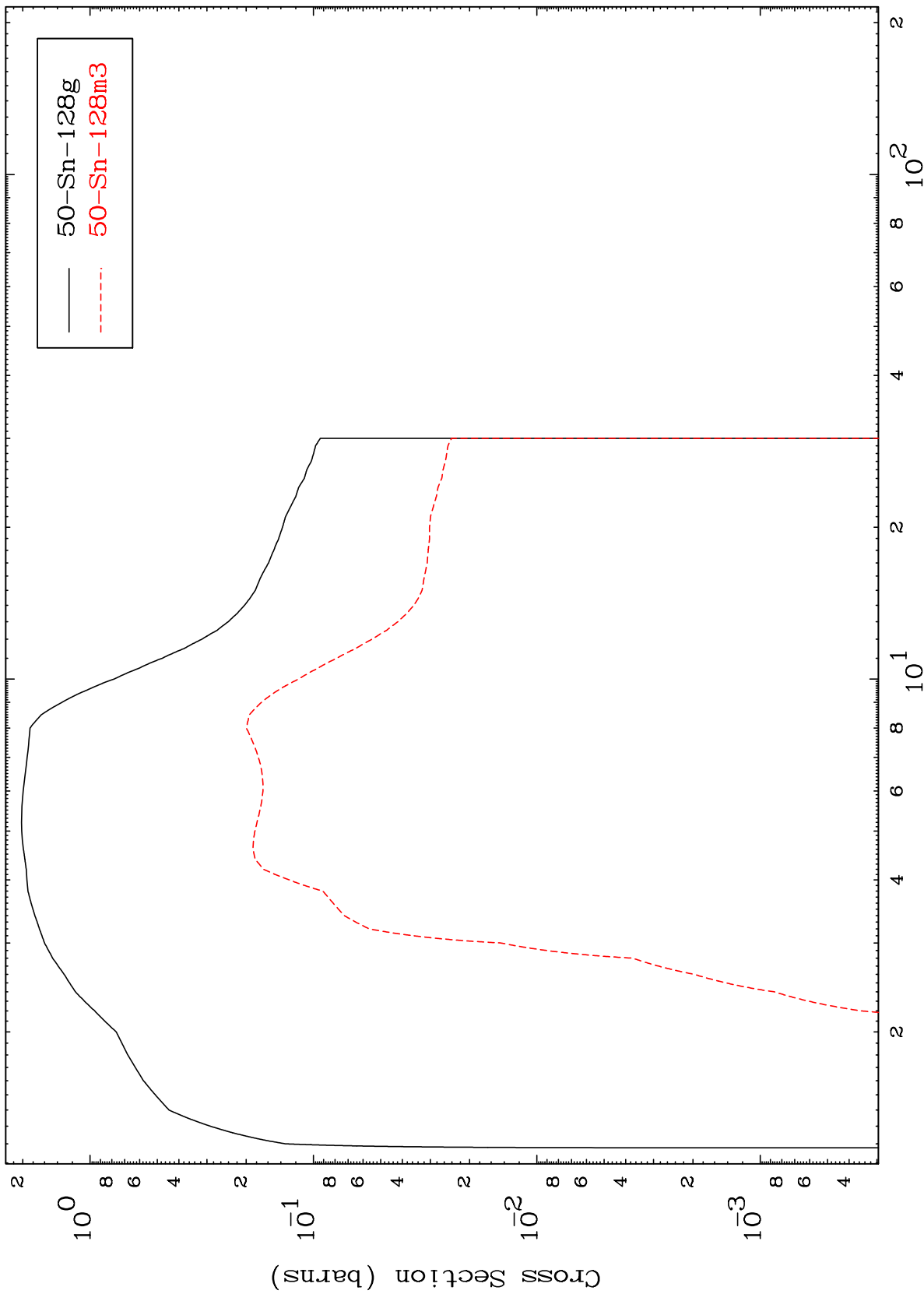




MAT 5073

50-Sn-128

Inelastic  
Radionuclide Production Cross Section



134

Incident Energy (MeV)

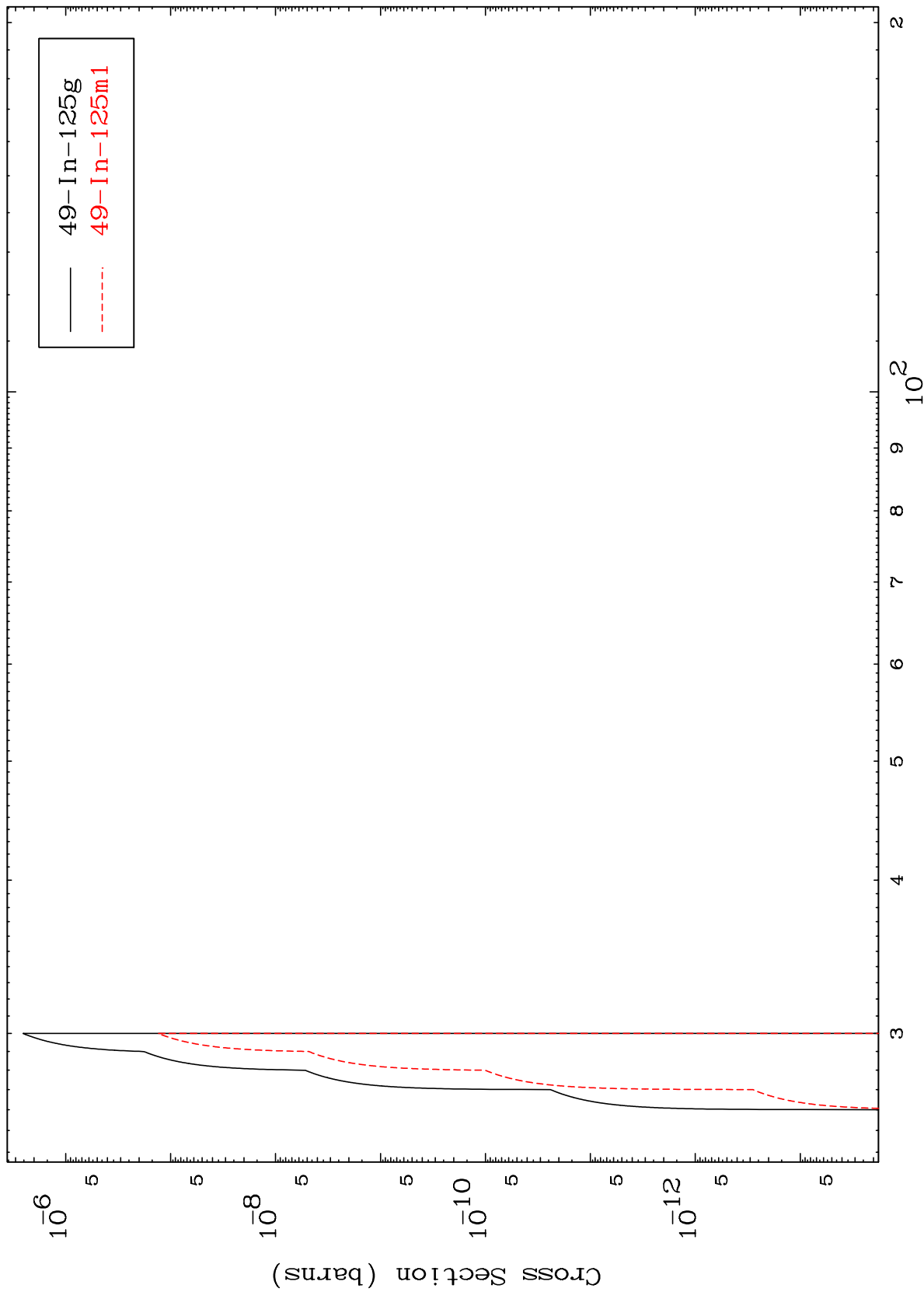
50-Sn-128

MAT 5073

(n,2n) d

50-Sn-128

Radionuclide Production Cross Section



135

Incident Energy (MeV)

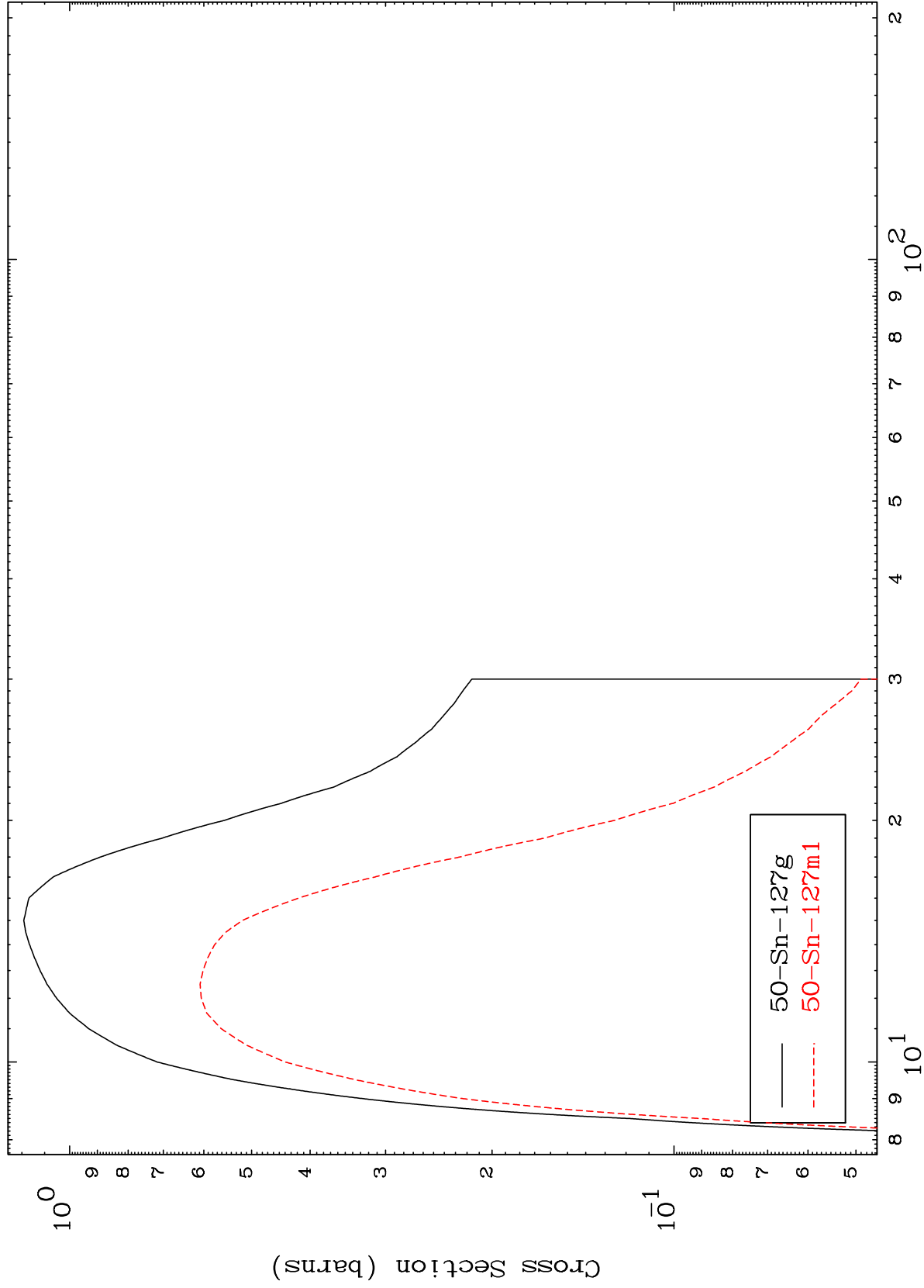
50-Sn-128



MAT 5073

50-Sn-128

(n,2n)  
Radionuclide Production Cross Section



136

Incident Energy (MeV)

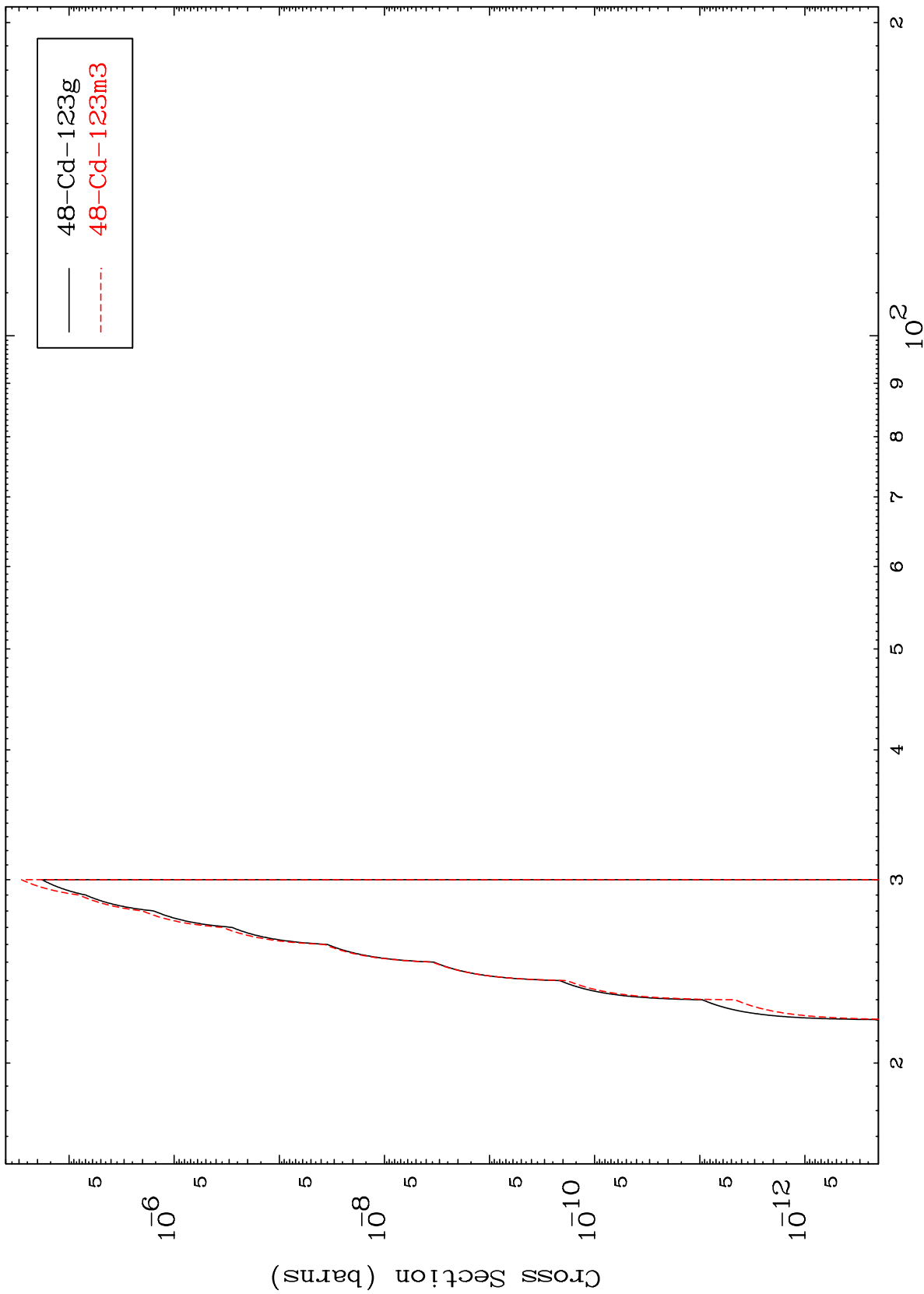
50-Sn-128

MAT 5073

(n,2n)  $\alpha$

50-Sn-128

Radionuclide Production Cross Section

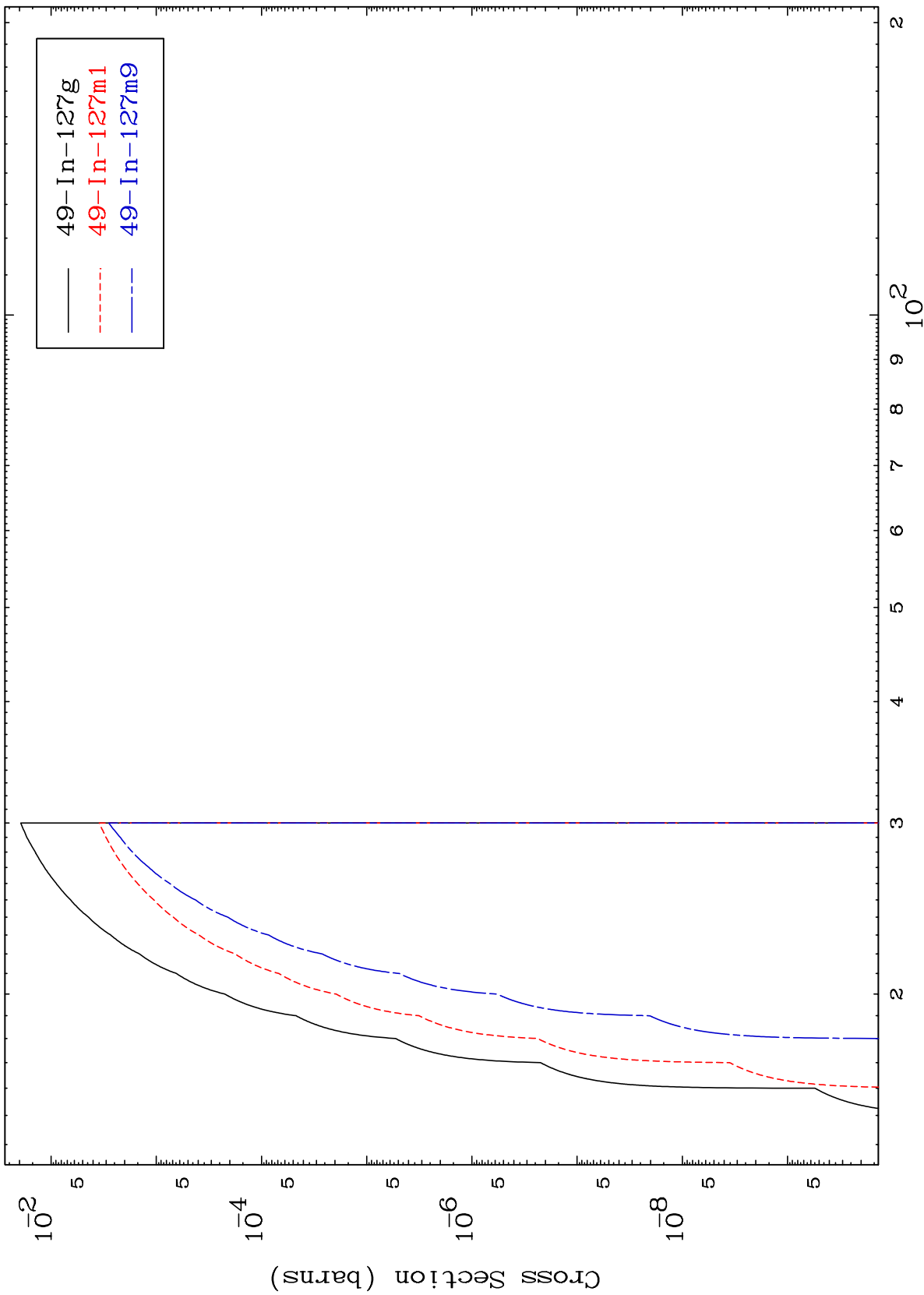


137

Incident Energy (MeV)

50-Sn-128

Radionuclide Production Cross Section

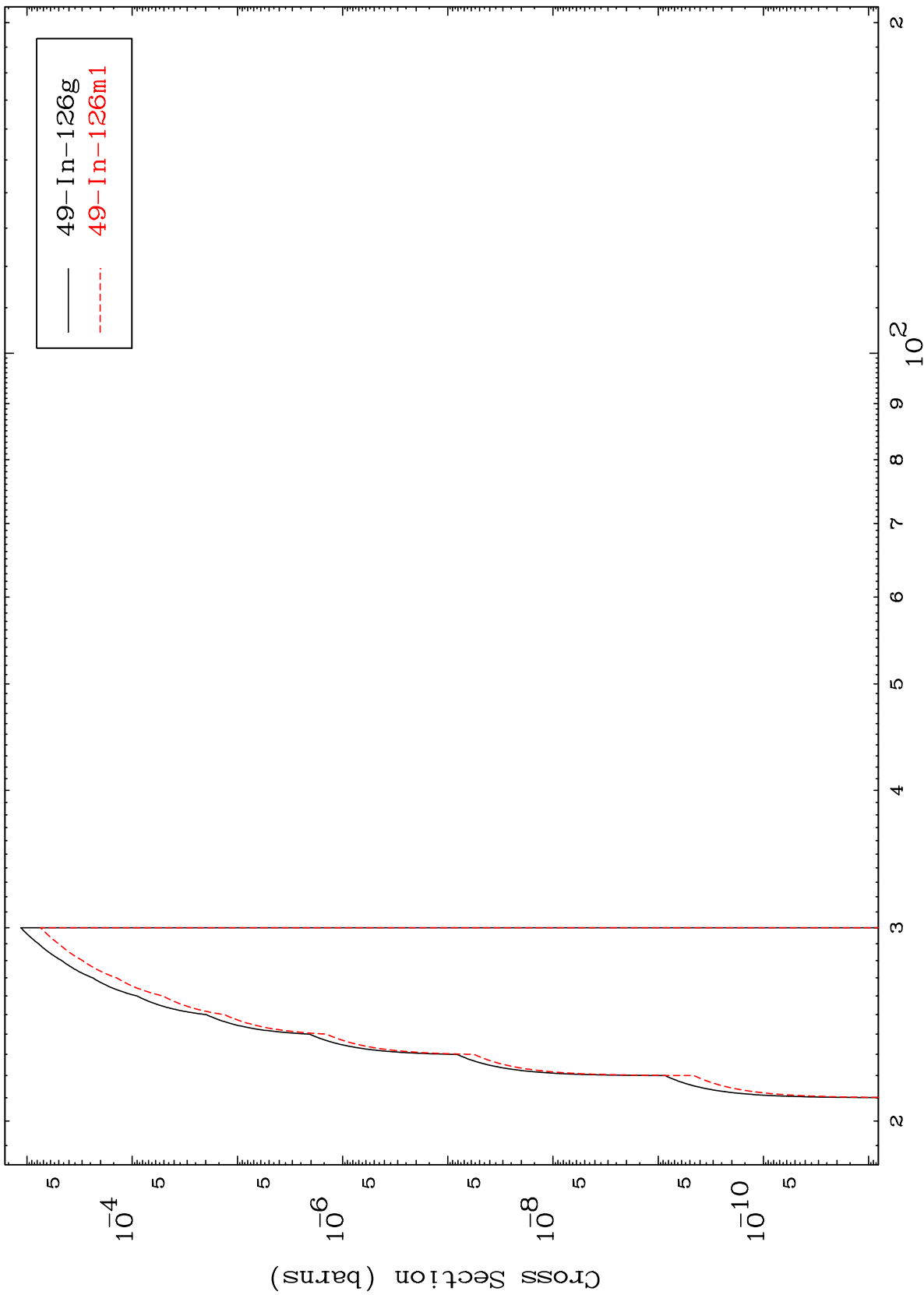


MAT 5073

(n,n') d

50-Sn-128

Radionuclide Production Cross Section



139

Incident Energy (MeV)

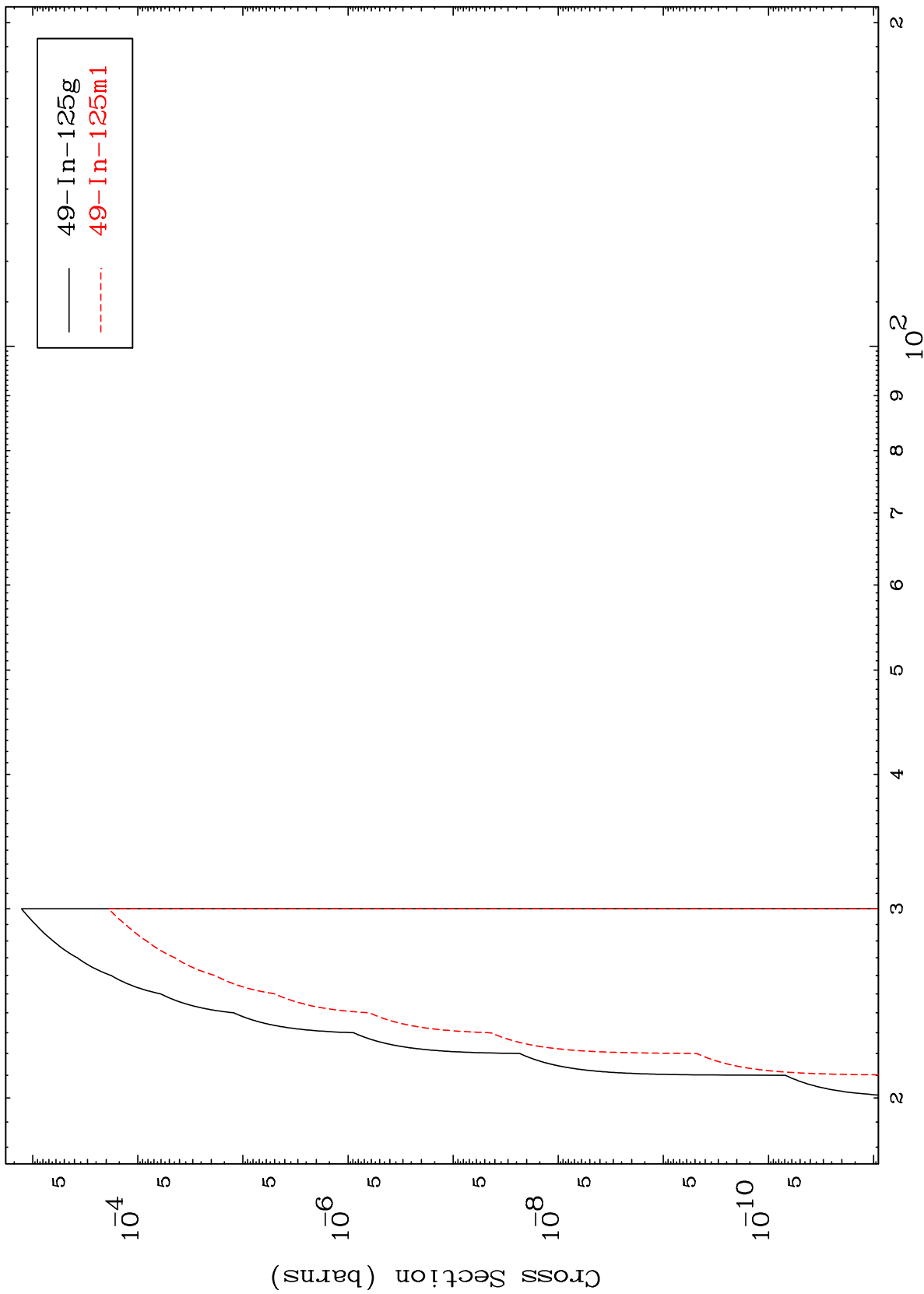
50-Sn-128

MAT 5073

(n,n') t

50-Sn-128

Radionuclide Production Cross Section



140

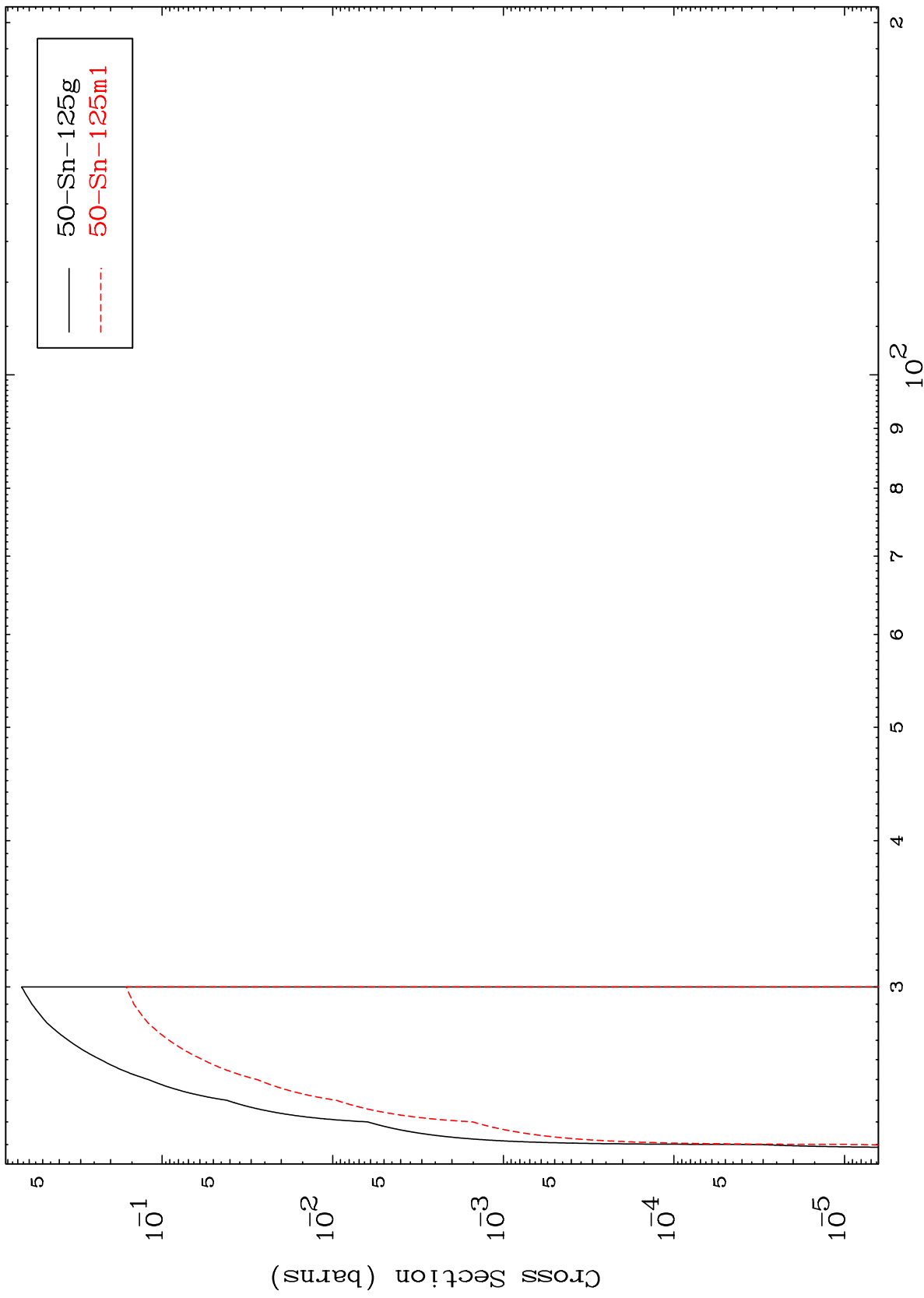
Incident Energy (MeV)

50-Sn-128

MAT 5073

50-Sn-128

(n,4n)  
Radionuclide Production Cross Section



141

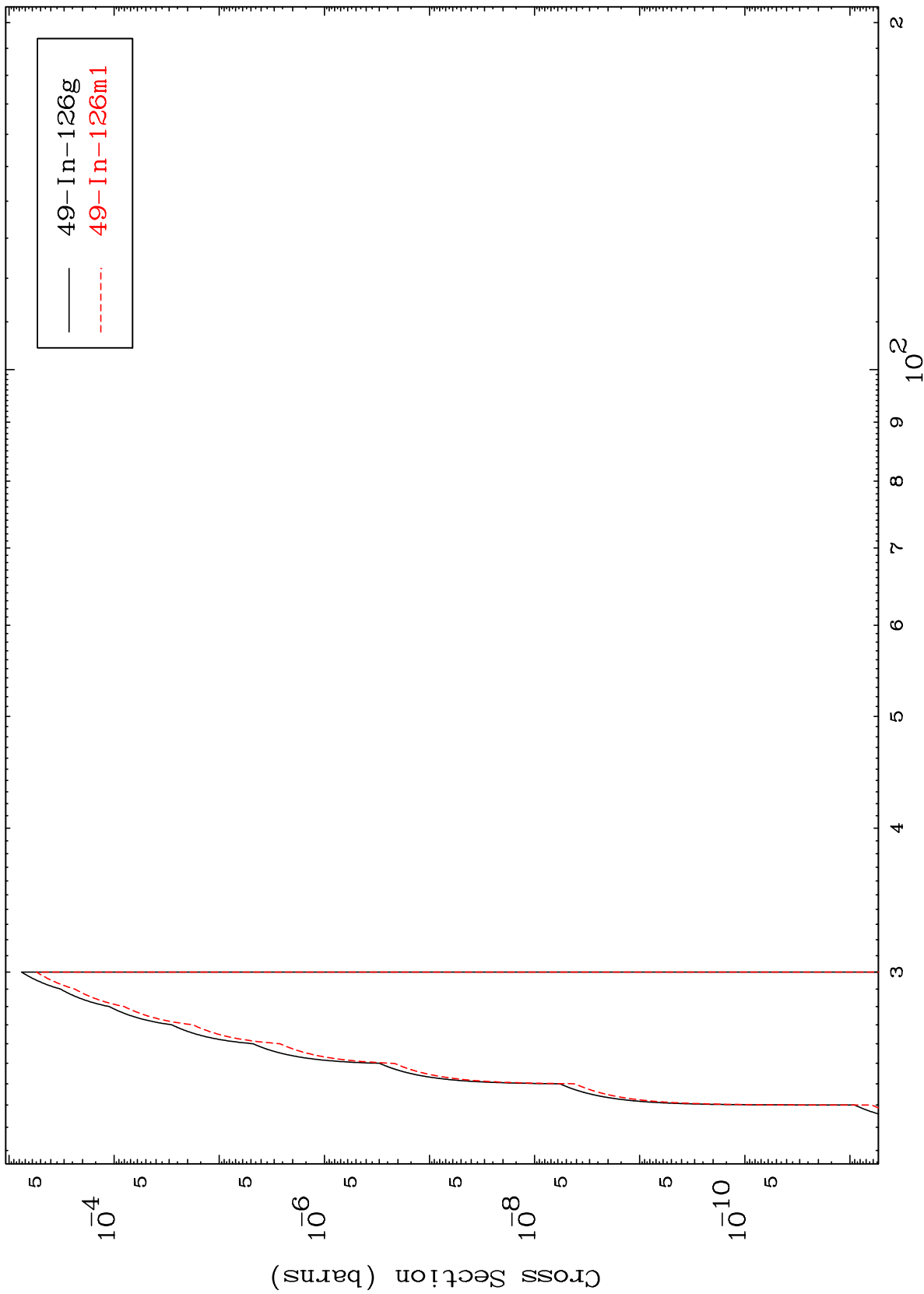
50-Sn-128

Incident Energy (MeV)

MAT 5073

50-Sn-128

(n,2n) p  
Radionuclide Production Cross Section



142

50-Sn-128

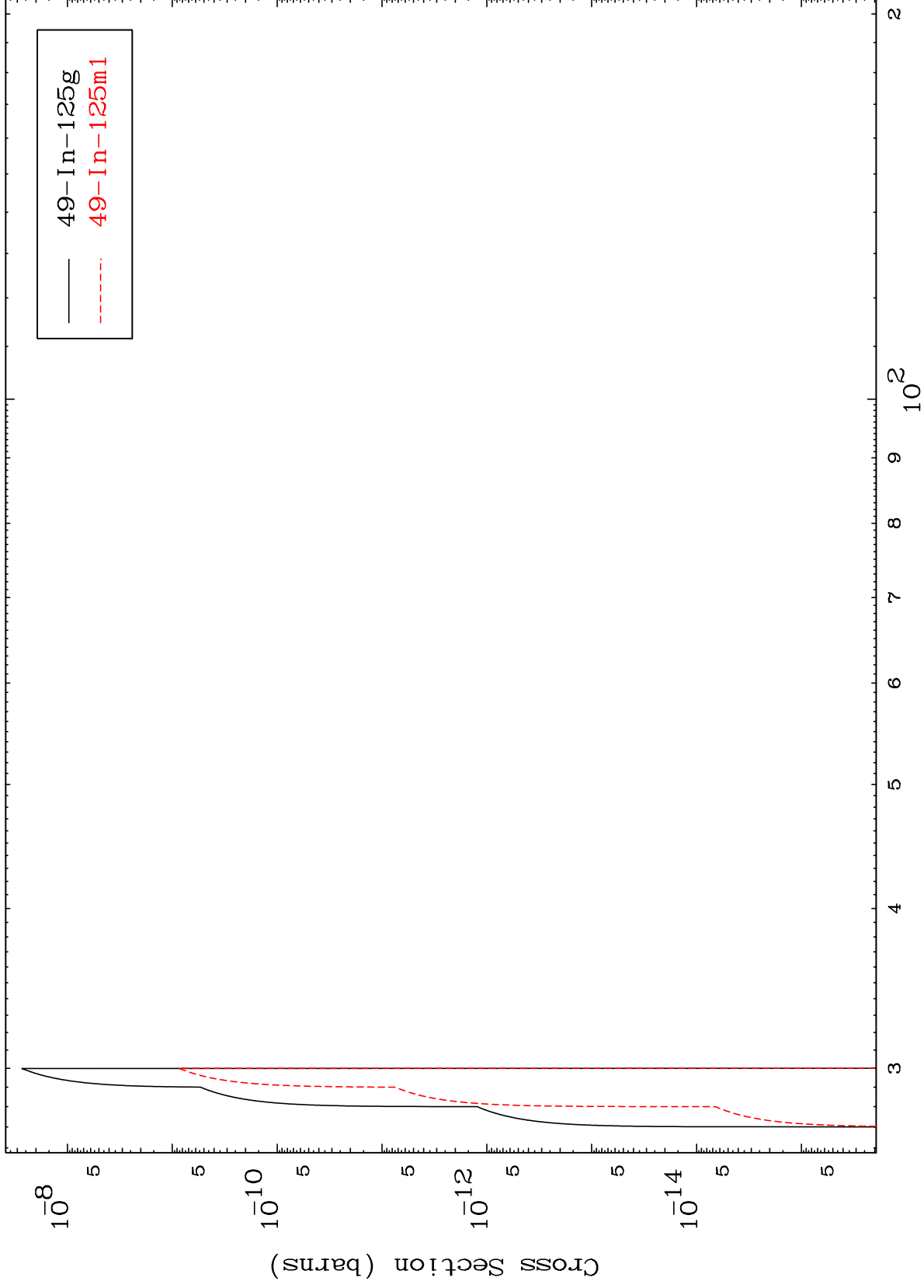
Incident Energy (MeV)

MAT 5073

(n,3n) p

50-Sn-128

Radionuclide Production Cross Section



143

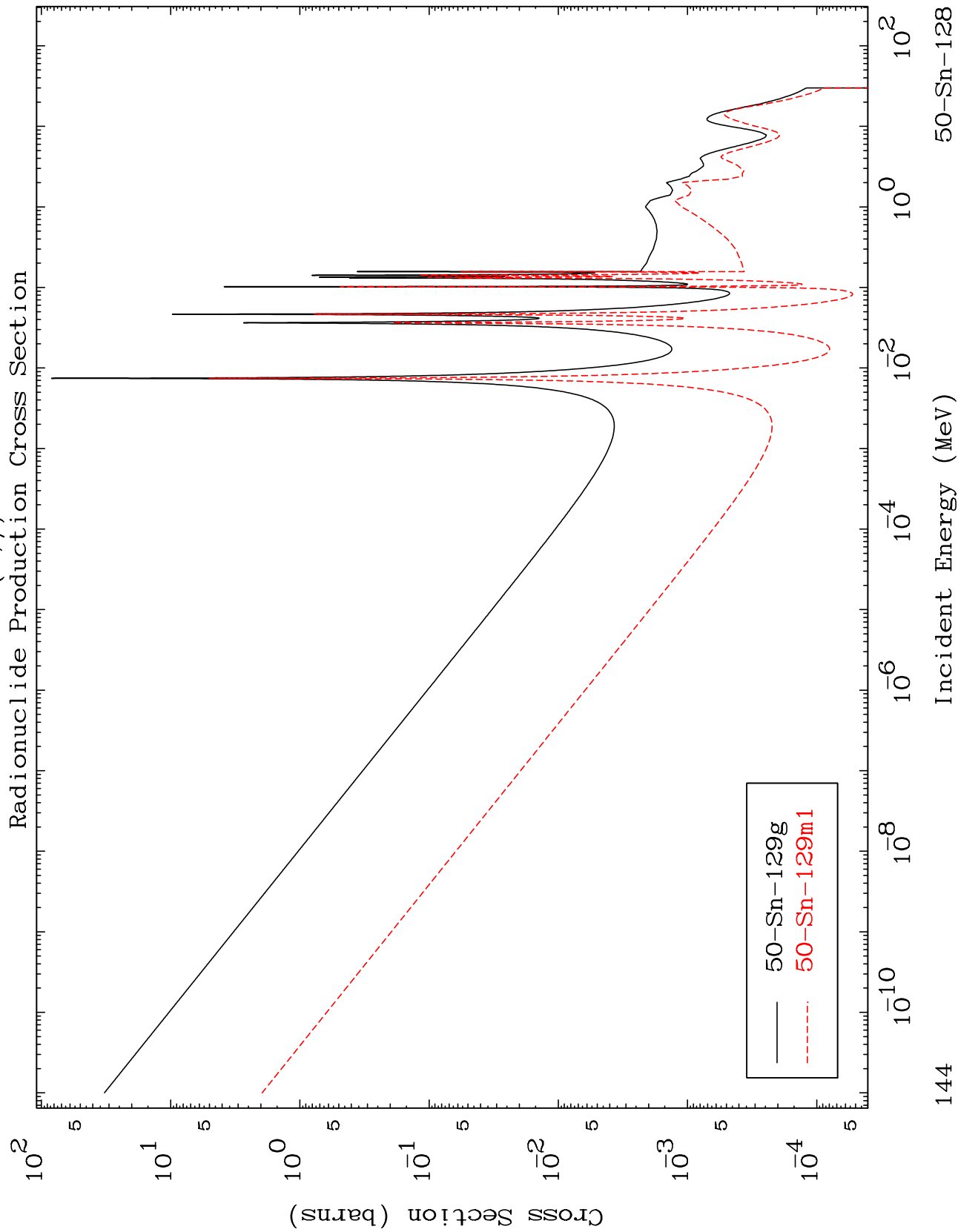
Incident Energy (MeV)

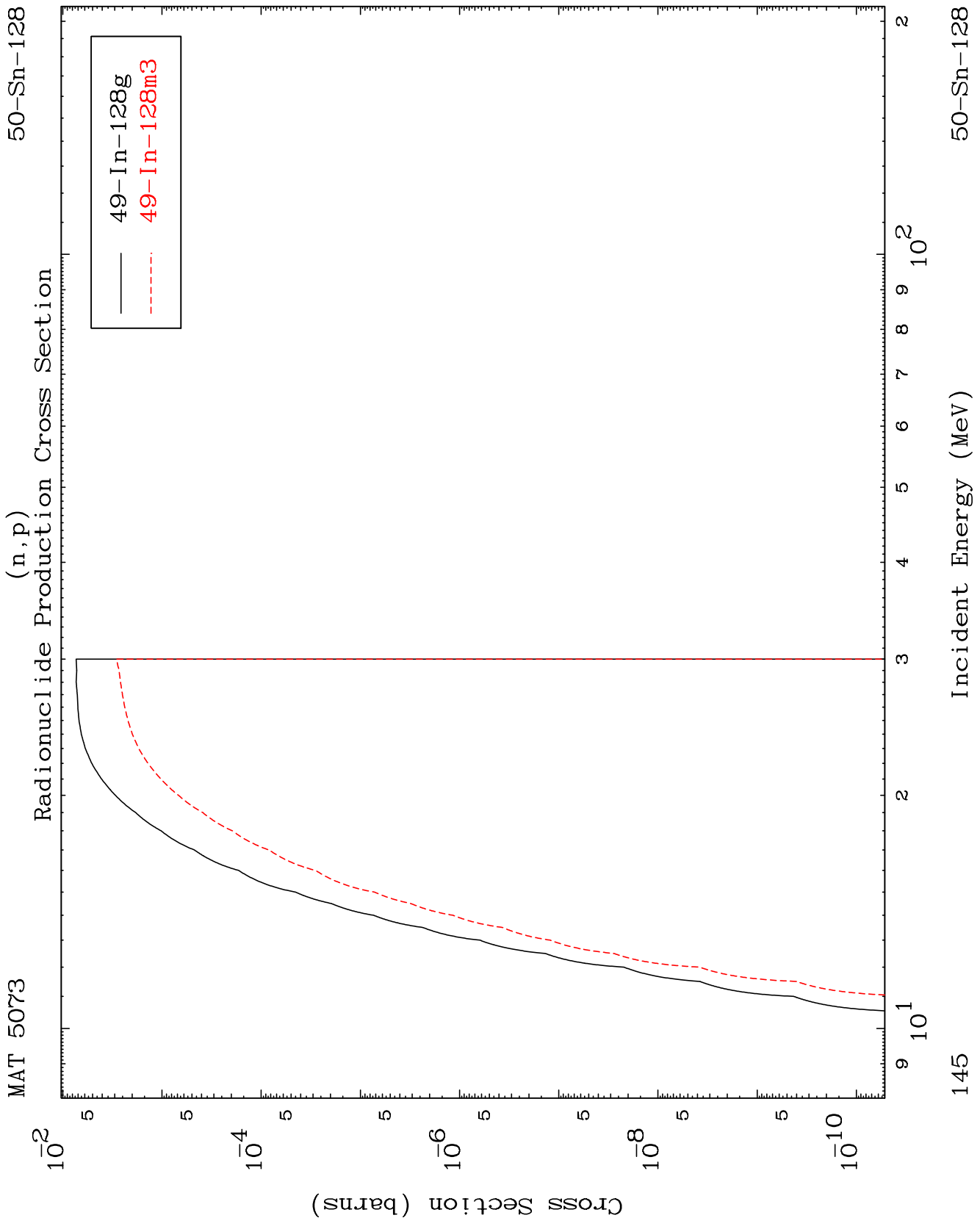
50-Sn-128



MAT 5073

50-Sn-128

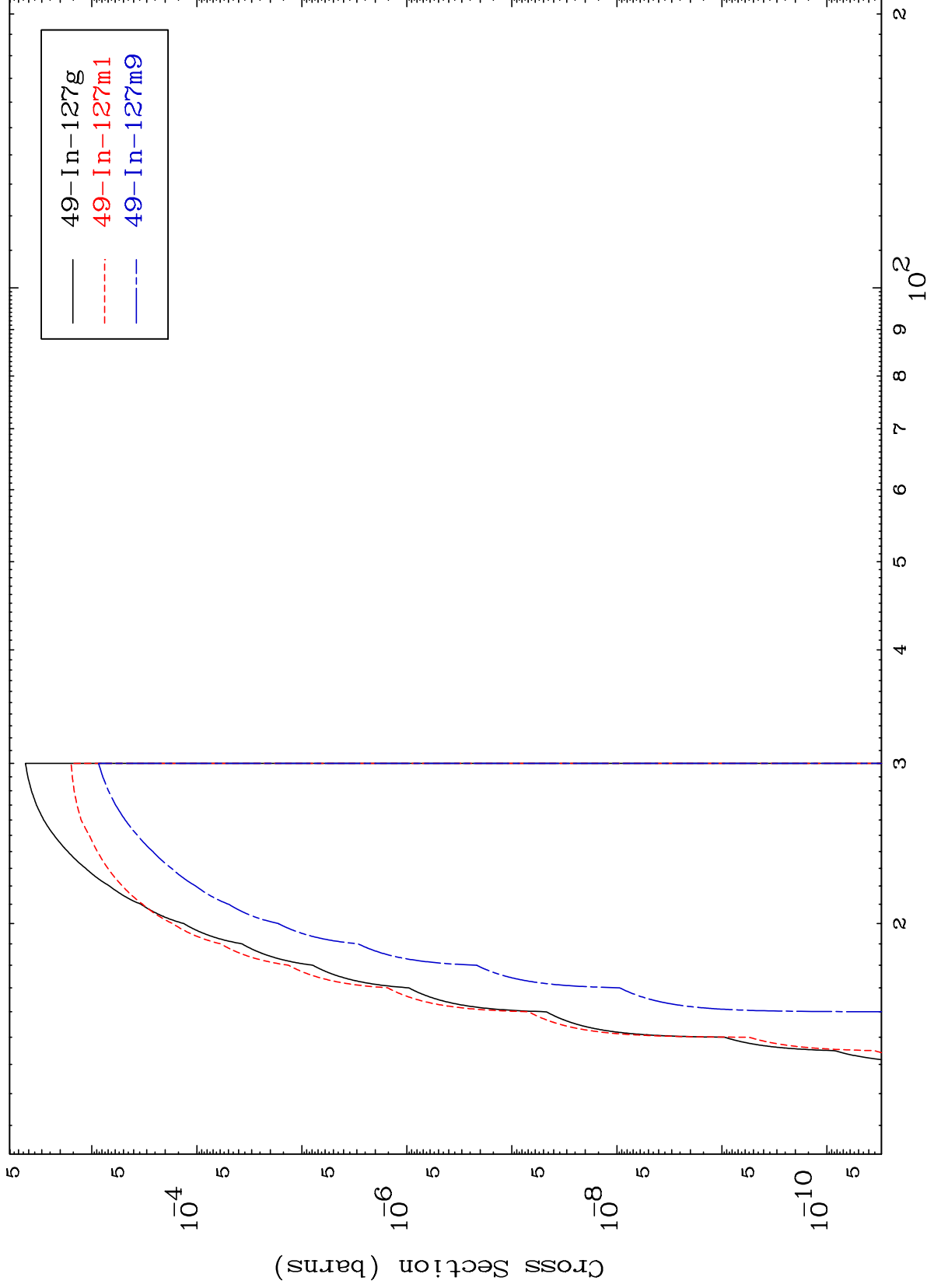




MAT 5073

50-Sn-128

(n,d)  
Radionuclide Production Cross Section



146

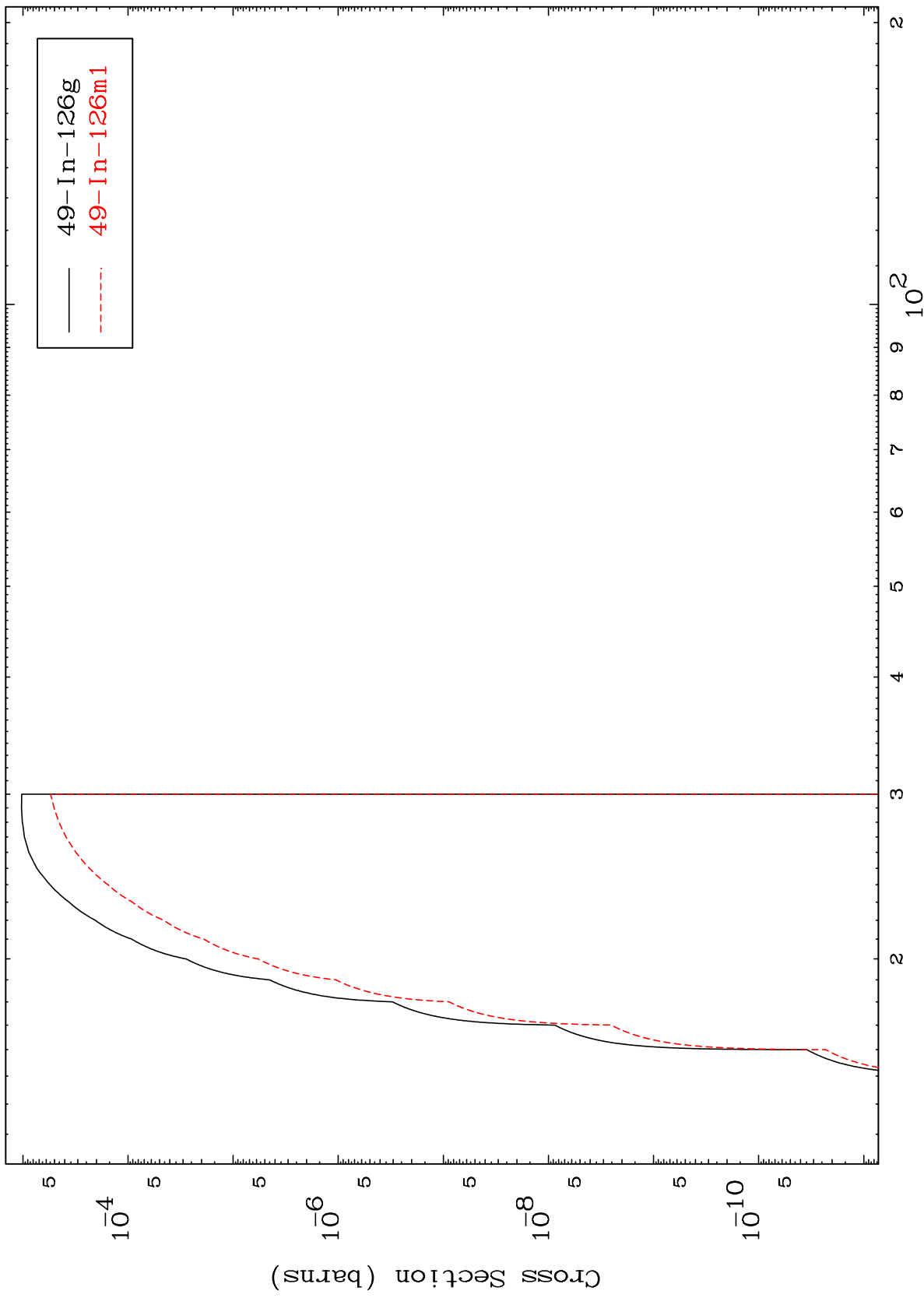
Incident Energy (MeV)

50-Sn-128

MAT 5073

50-Sn-128

(n,t)  
Radionuclide Production Cross Section



147

Incident Energy (MeV)

50-Sn-128