

Program EVALPLOT
(Version 2015-2)

by

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(Present Contact Information)

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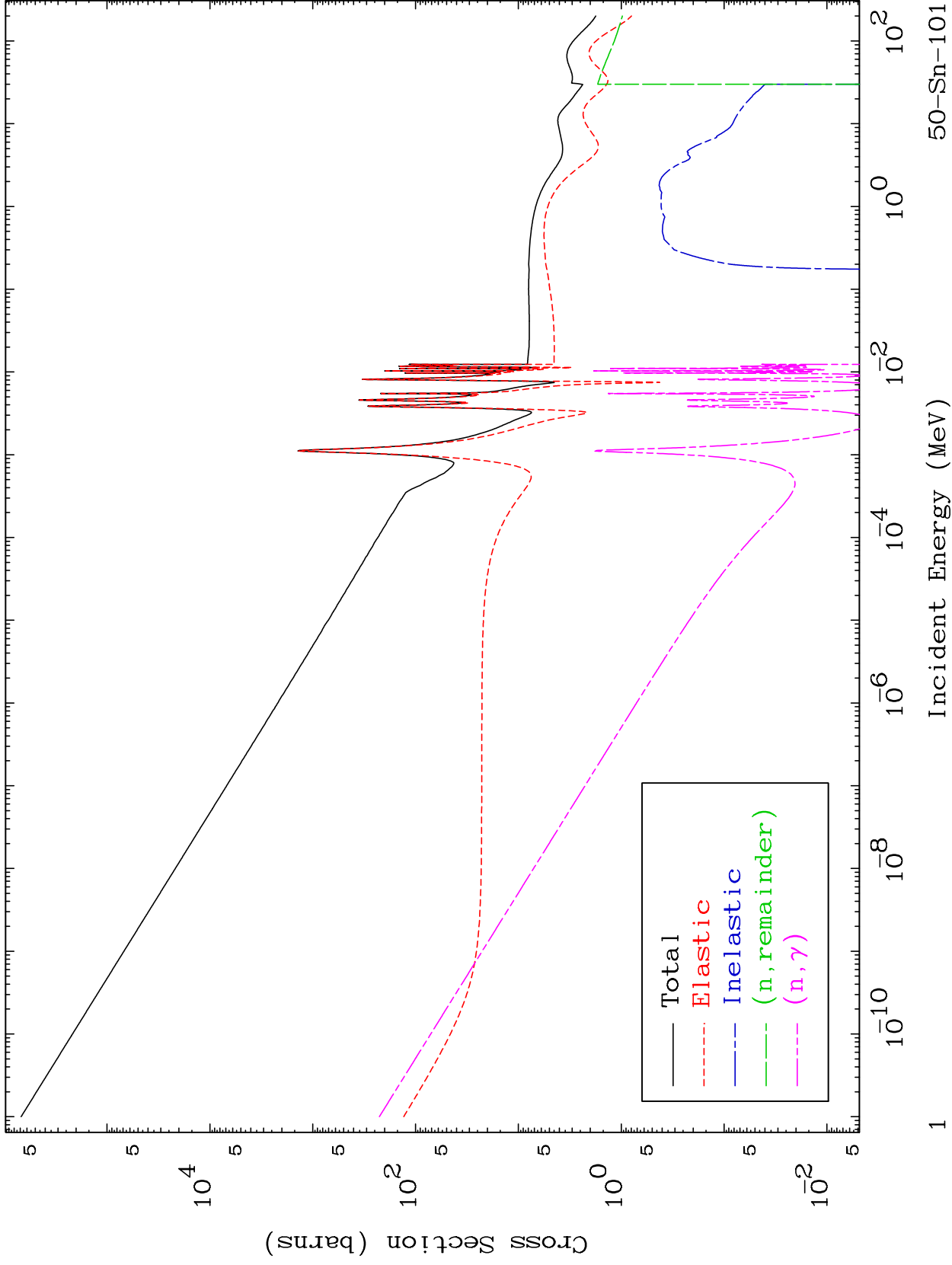
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

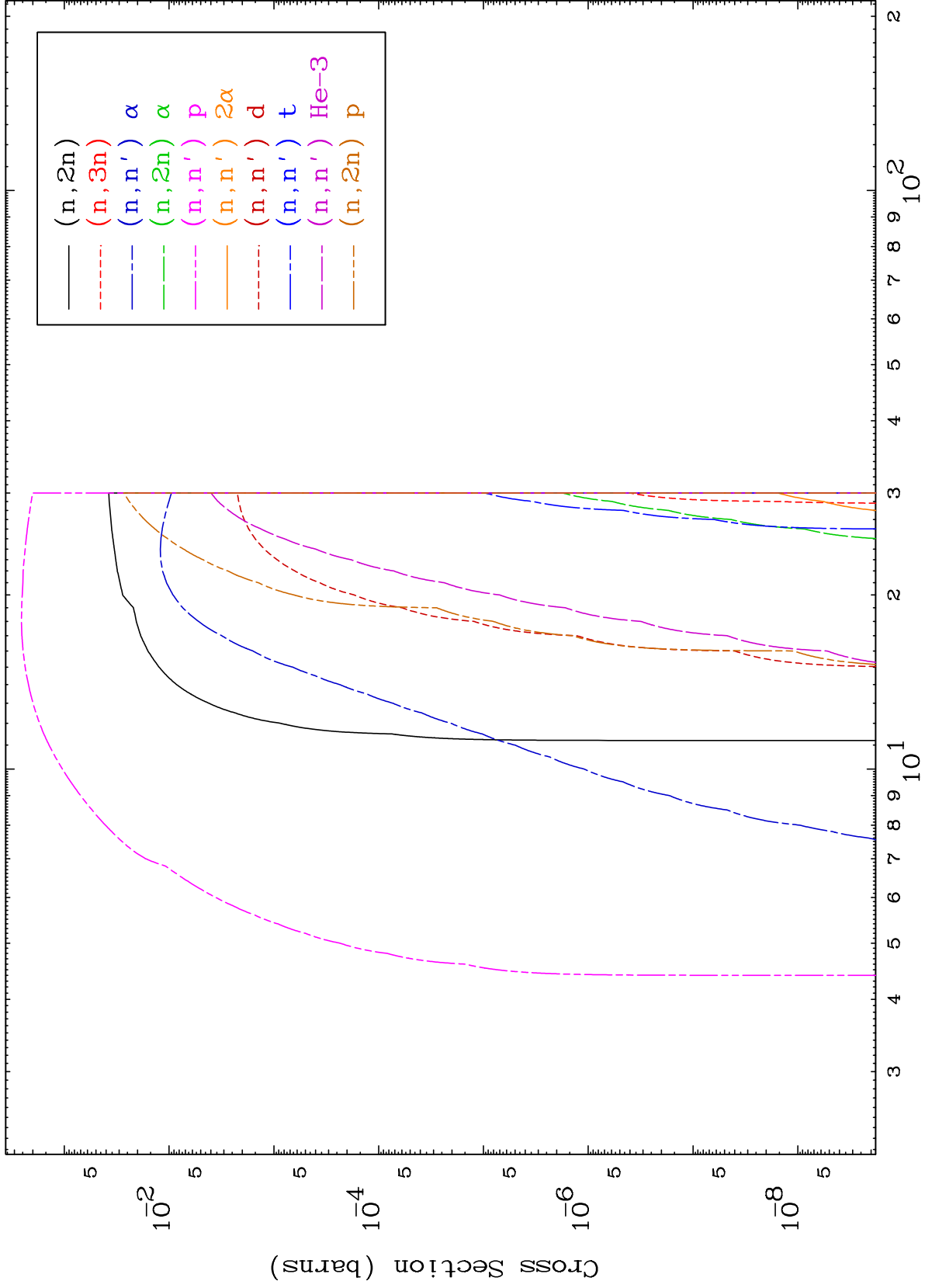
MAT 4992

Major
293 Kelvin Cross Sections

50-Sn-101



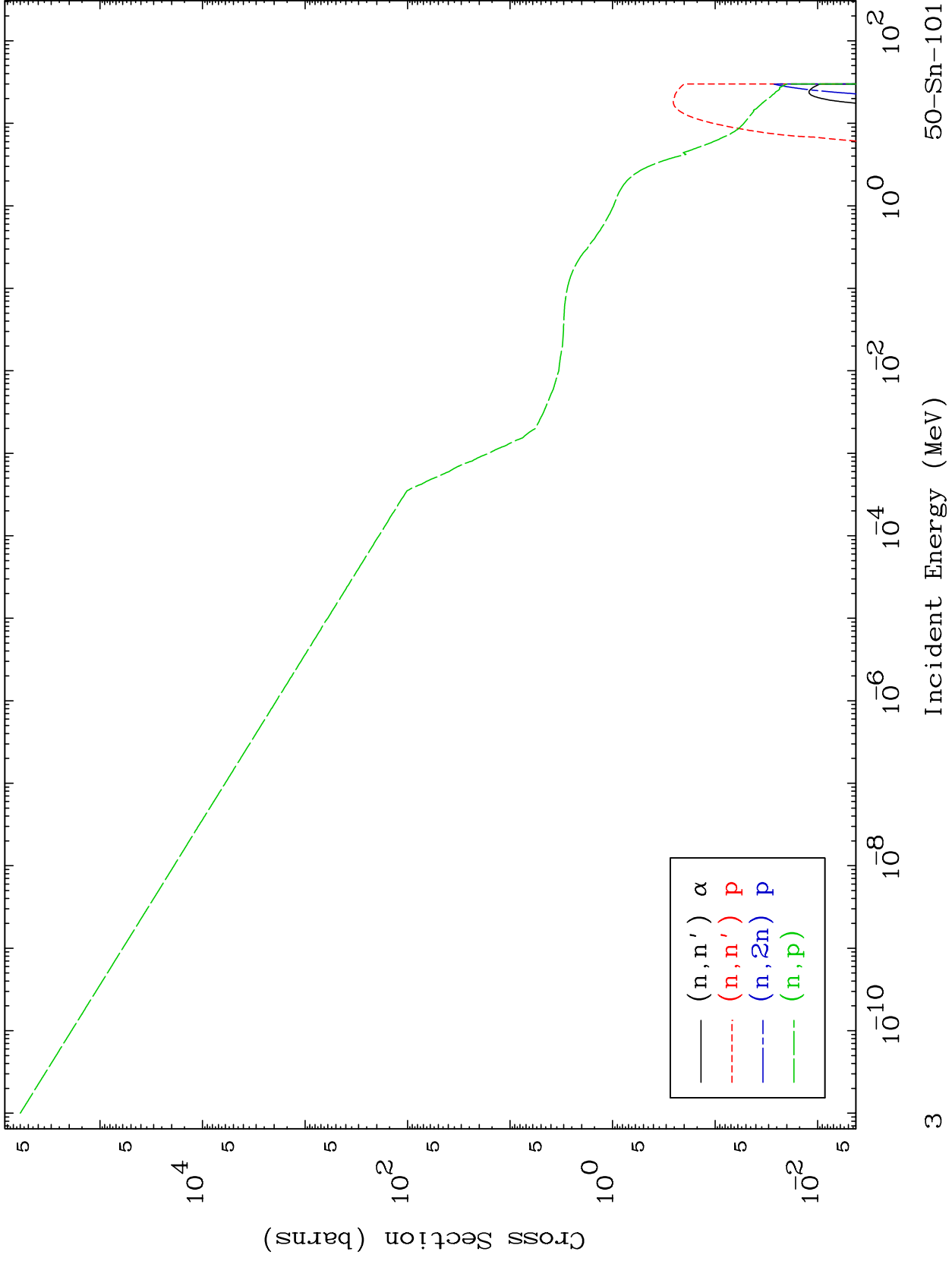
Neutron Production
293 Kelvin Cross Sections



MAT 4992

Charged Particle
293 Kelvin Cross Sections

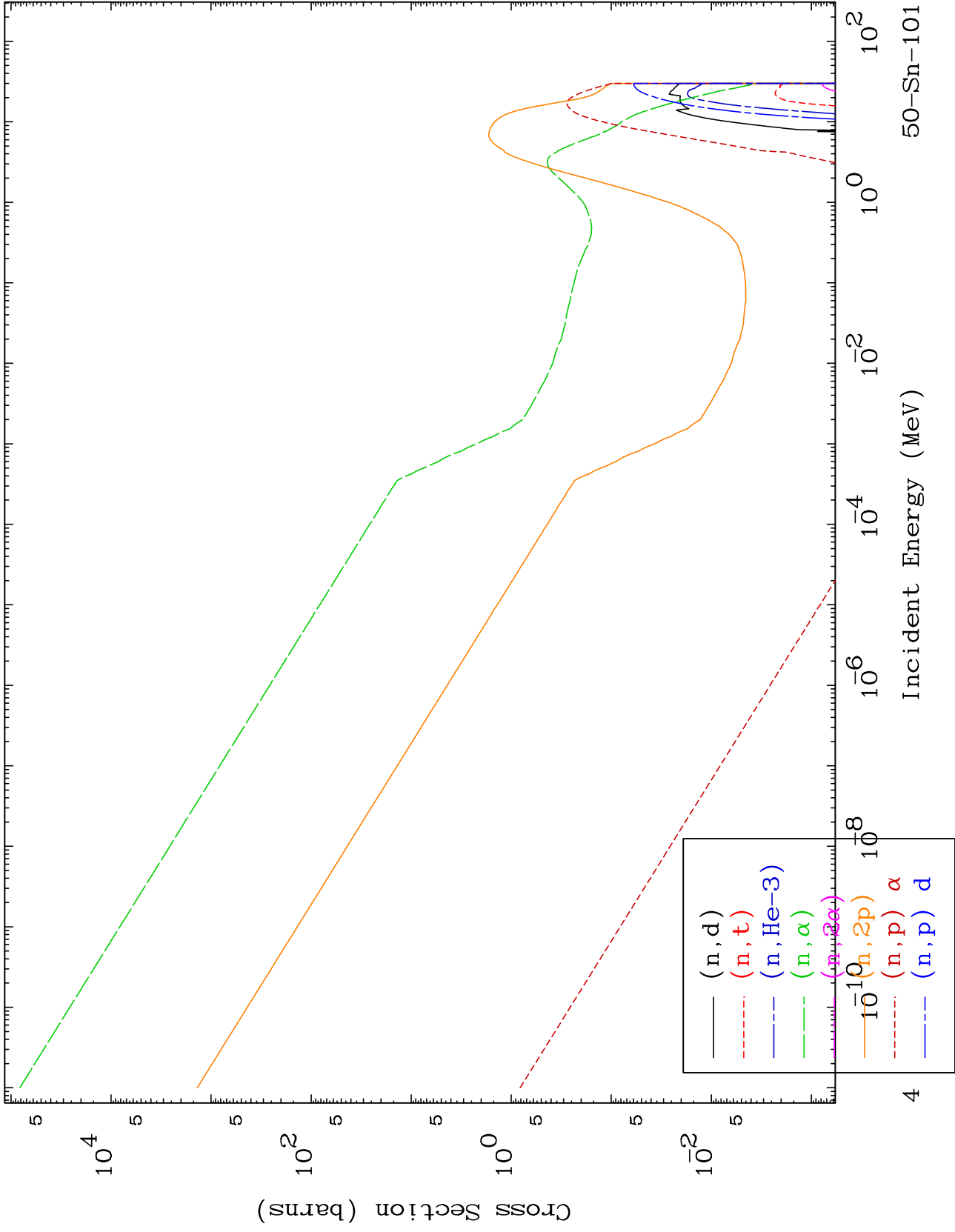
50-Sn-101



MAT 4992

Charged Particle
293 Kelvin Cross Sections

50-Sn-101

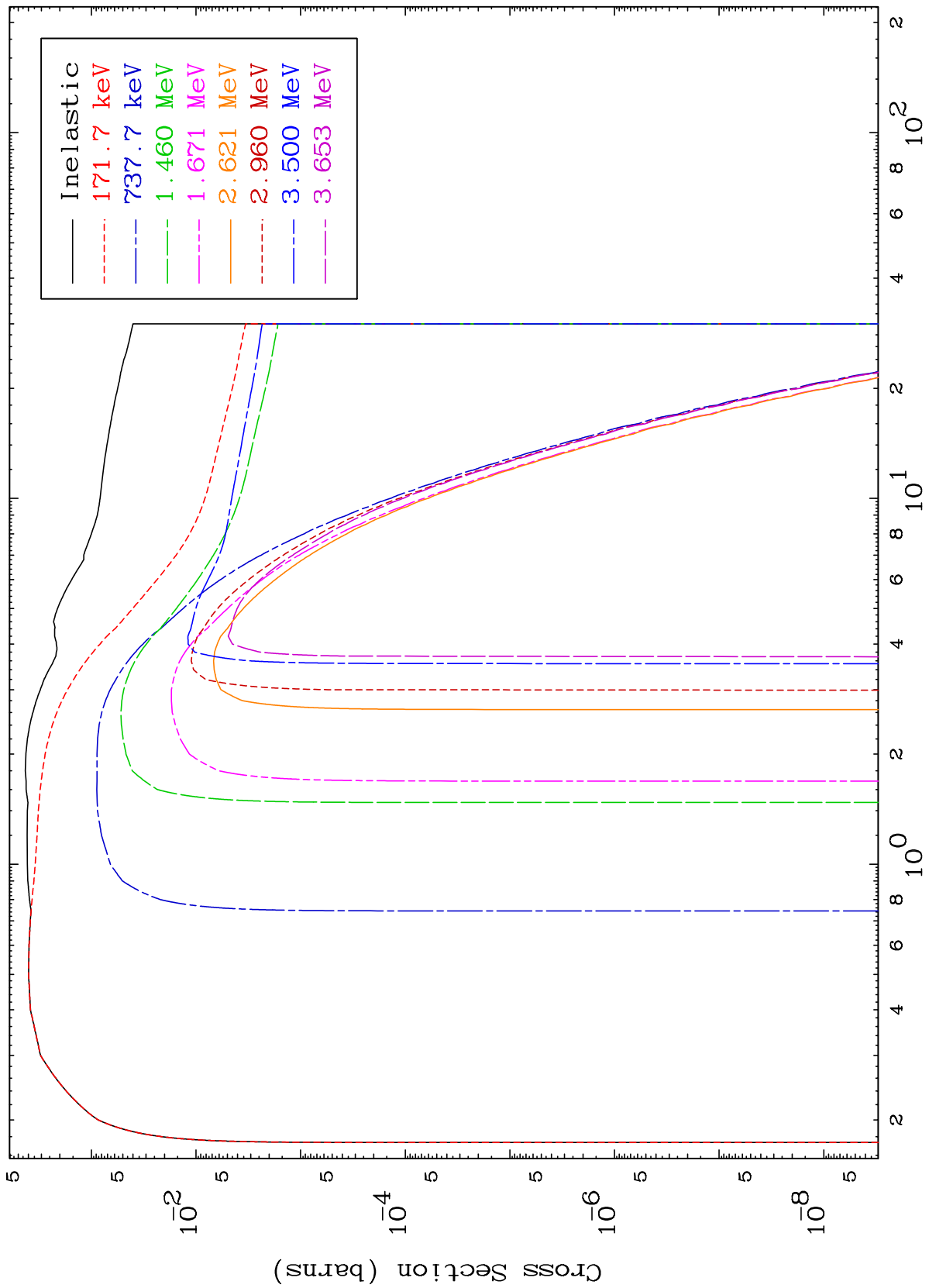


MAT 4992

(n,n') Level

50-Sn-101

293 Kelvin Cross Sections



6

Incident Energy (MeV)

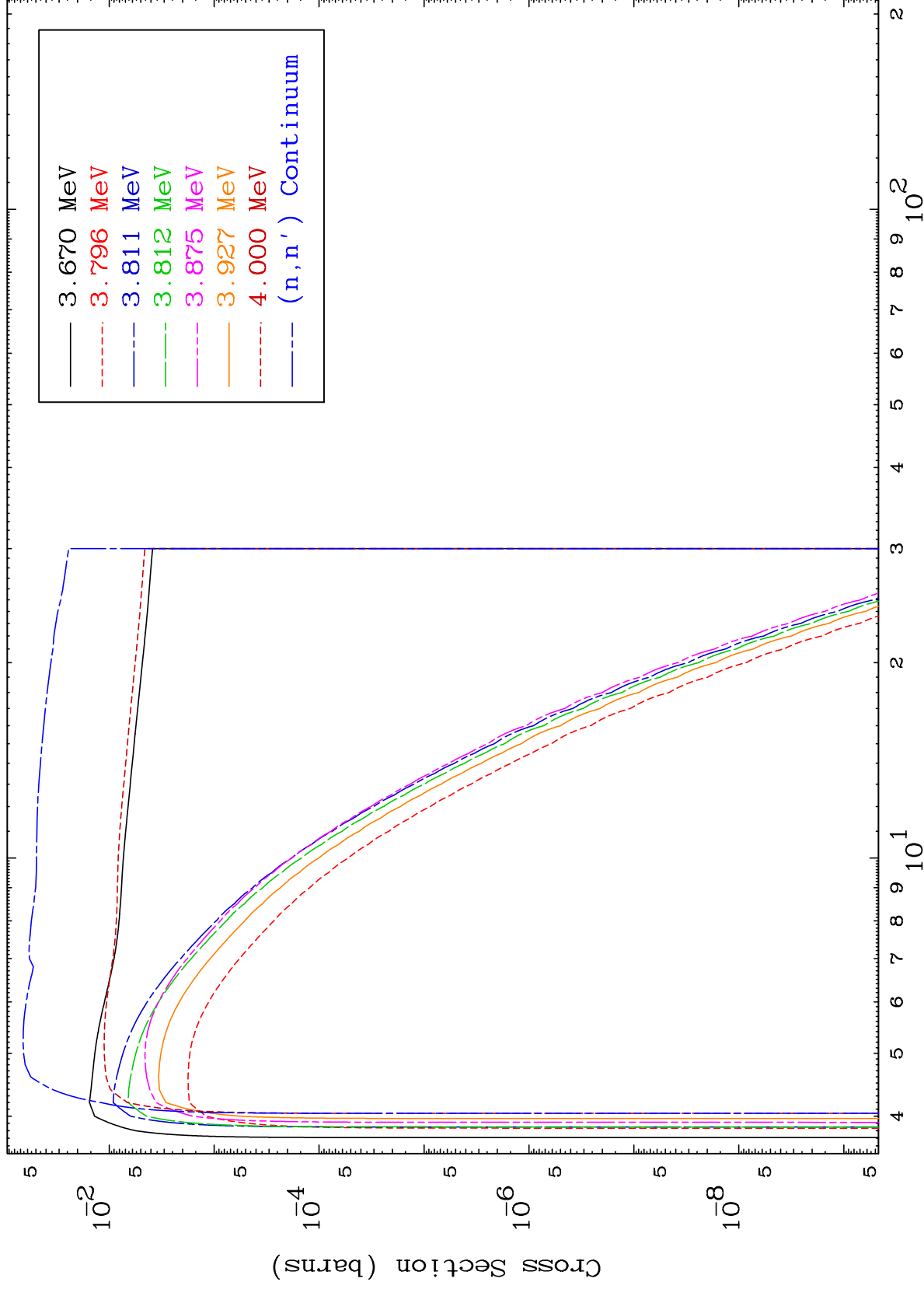
50-Sn-101

MAT 4992

(n,n') Level

293 Kelvin Cross Sections

50-Sn-101



7

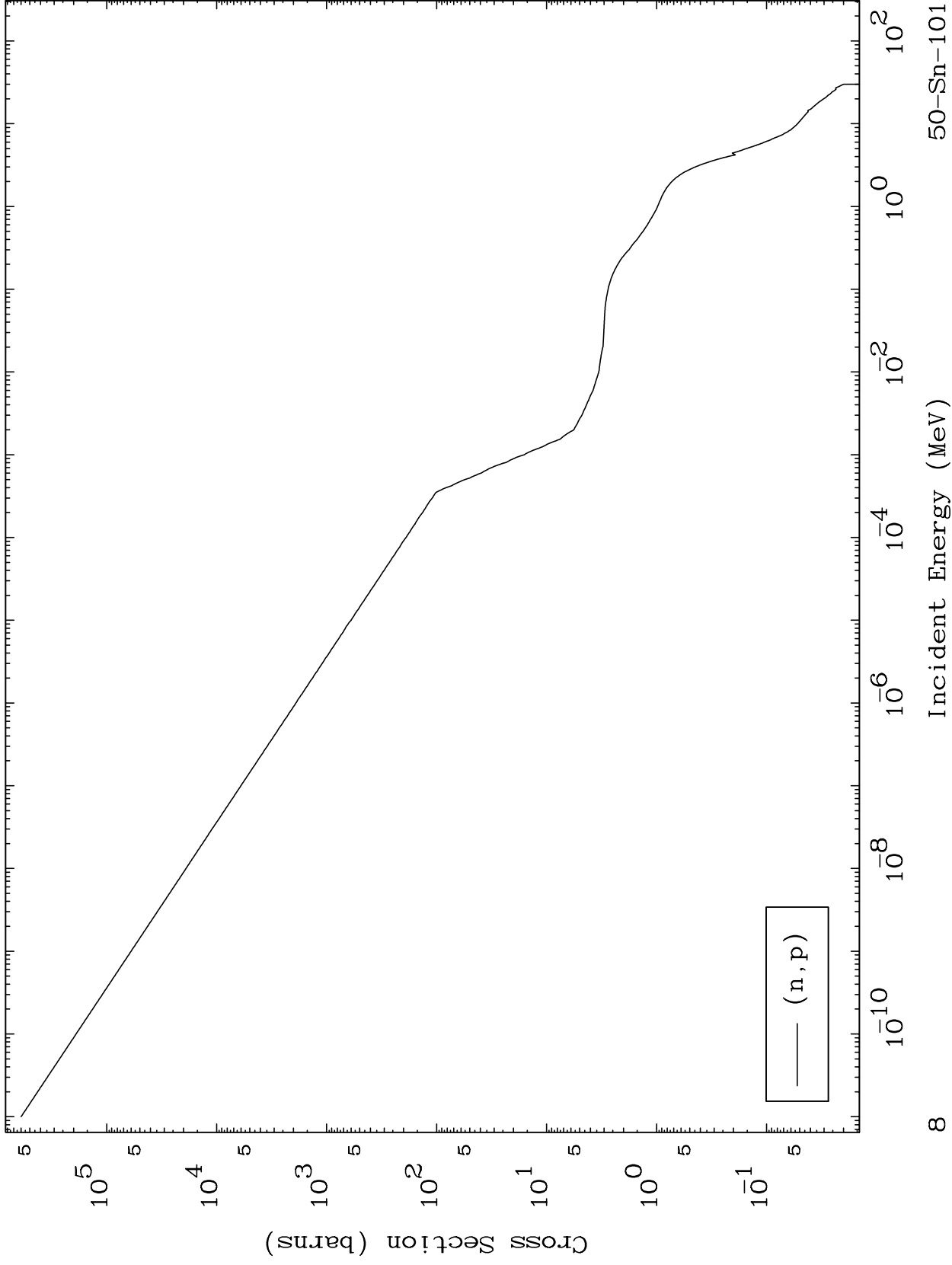
Incident Energy (MeV)

50-Sn-101

MAT 4992

(n,p) Levels
293 Kelvin Cross Sections

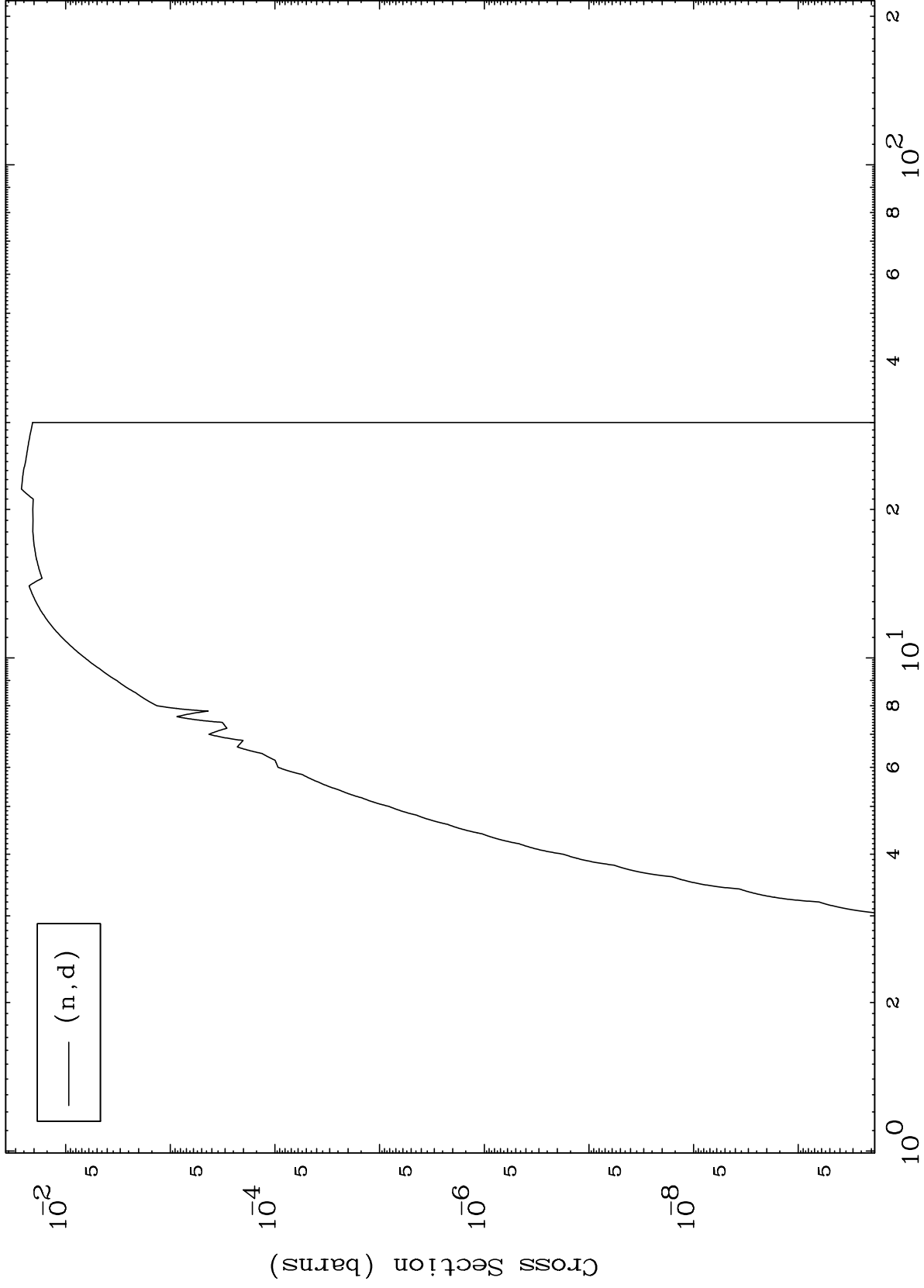
50-Sn-101



MAT 4992

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-101



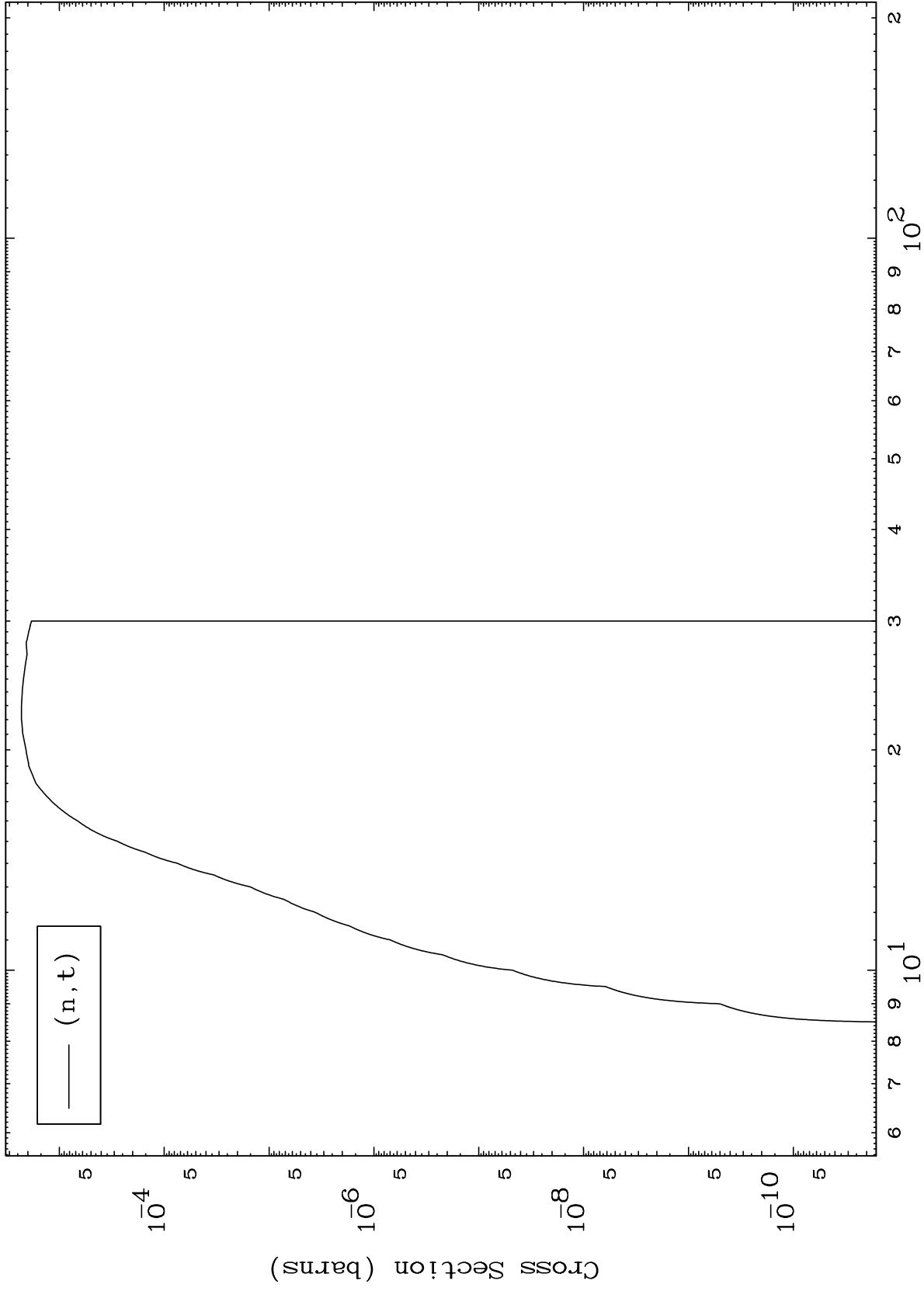
Incident Energy (MeV)

50-Sn-101

MAT 4992

(n, t) Levels
293 Kelvin Cross Sections

50-Sn-101



10

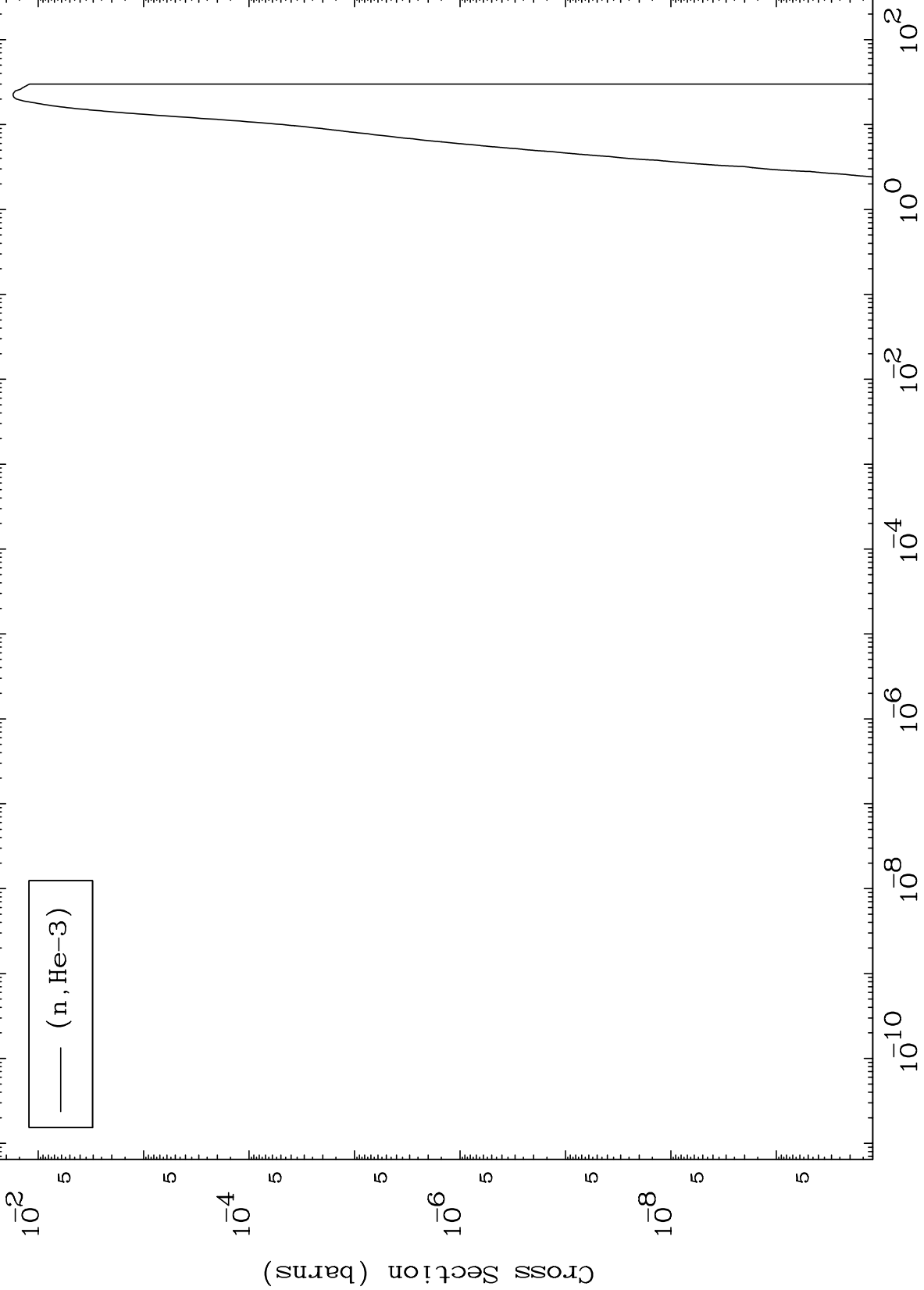
Incident Energy (MeV)

50-Sn-101

MAT 4992

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-101



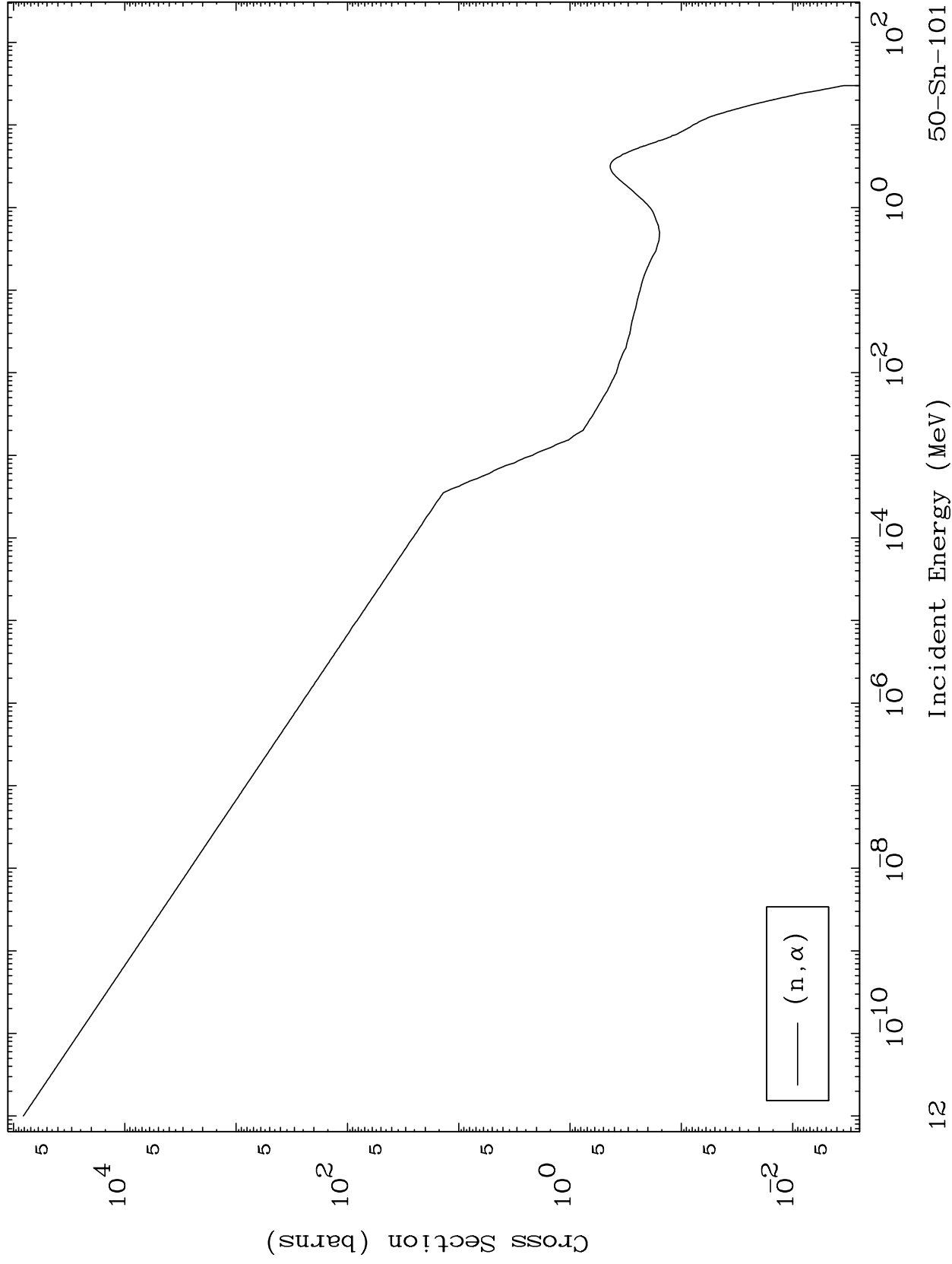
50-Sn-101

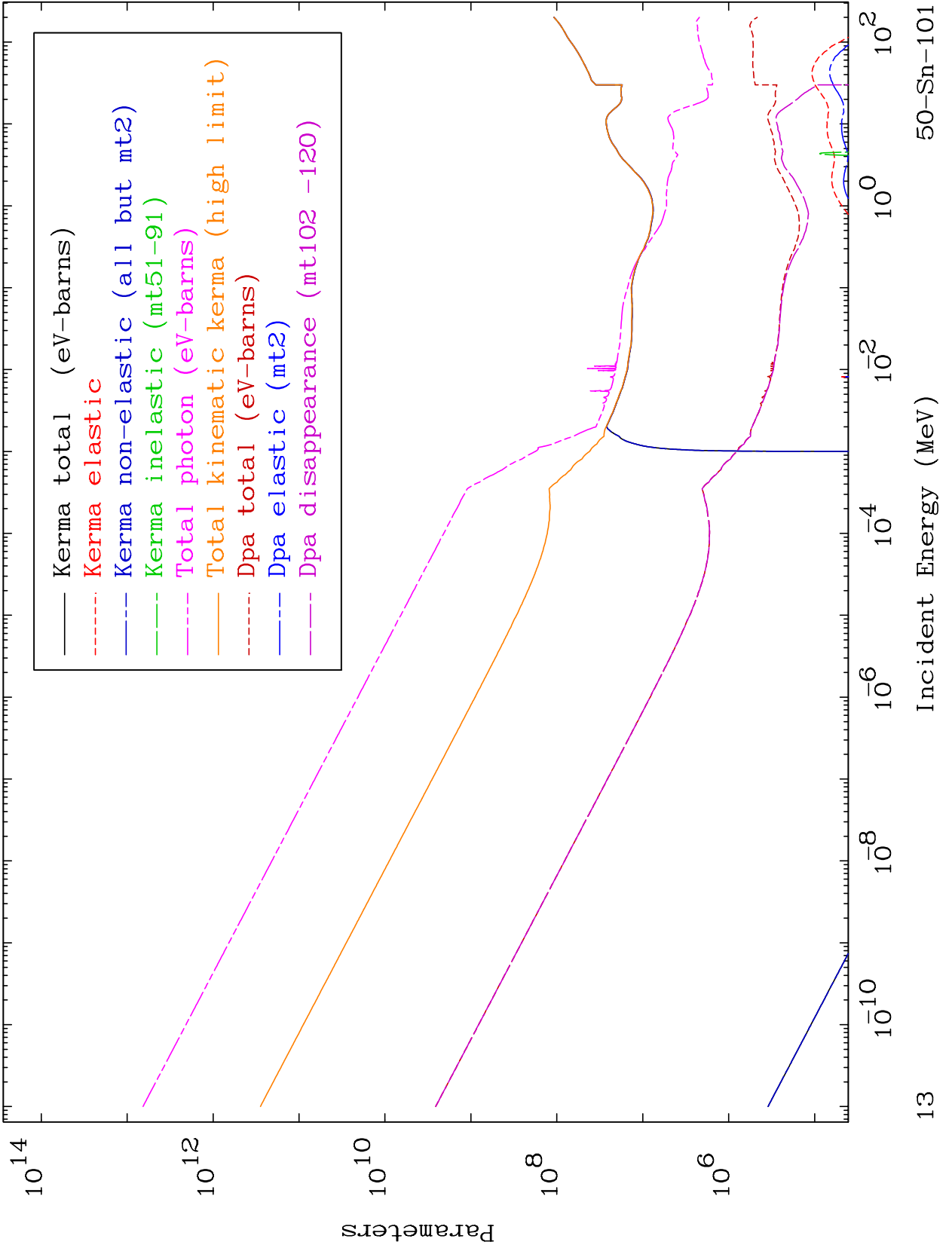
Incident Energy (MeV)

MAT 4992

(n,α) Levels
293 Kelvin Cross Sections

50-Sn-101

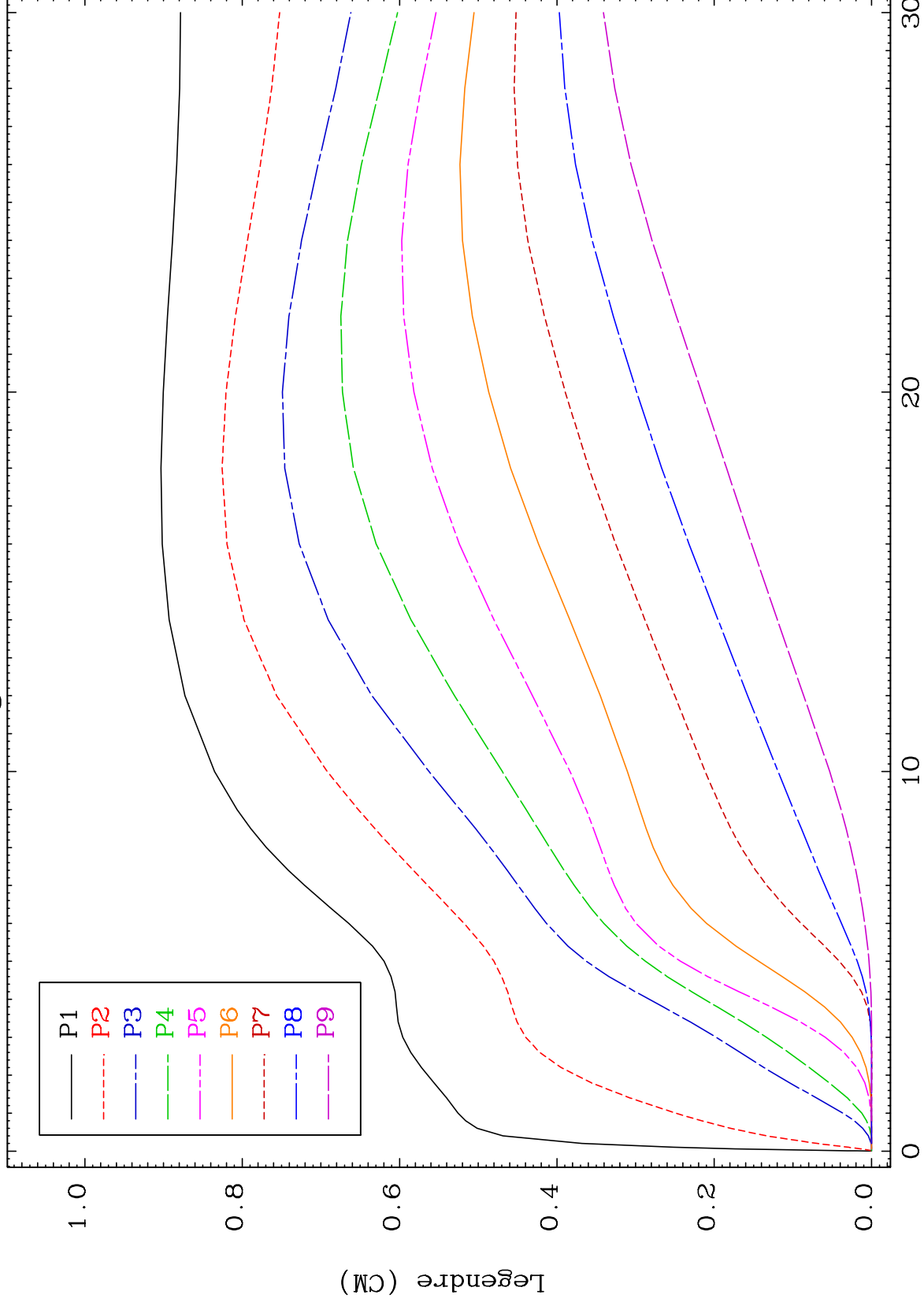




MAT 4992

Elastic Legendre Coefficients

50-Sn-101



14

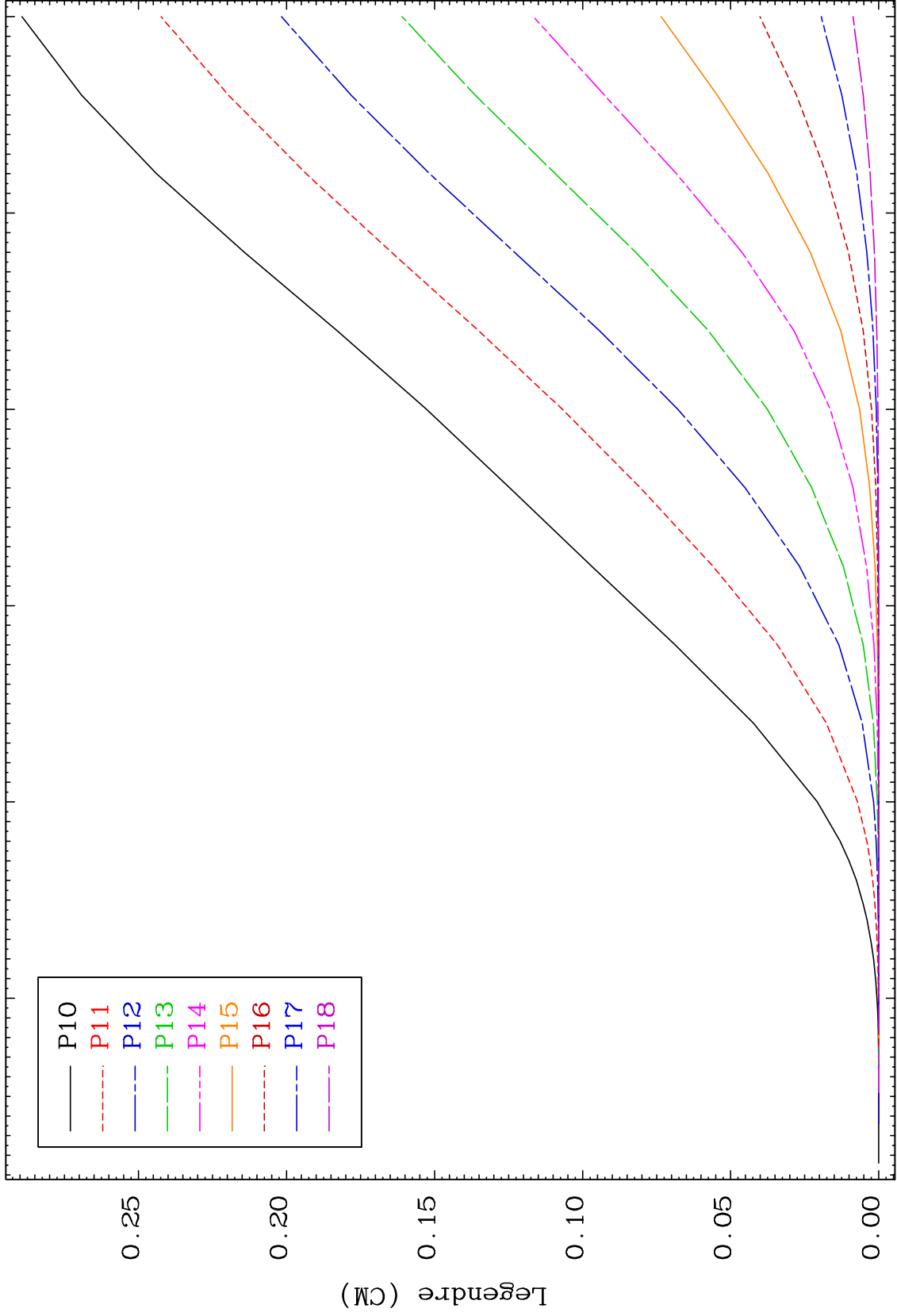
Incident Energy (MeV)

50-Sn-101

MAT 4992

Elastic
Legendre Coefficients

50-Sn-101



15

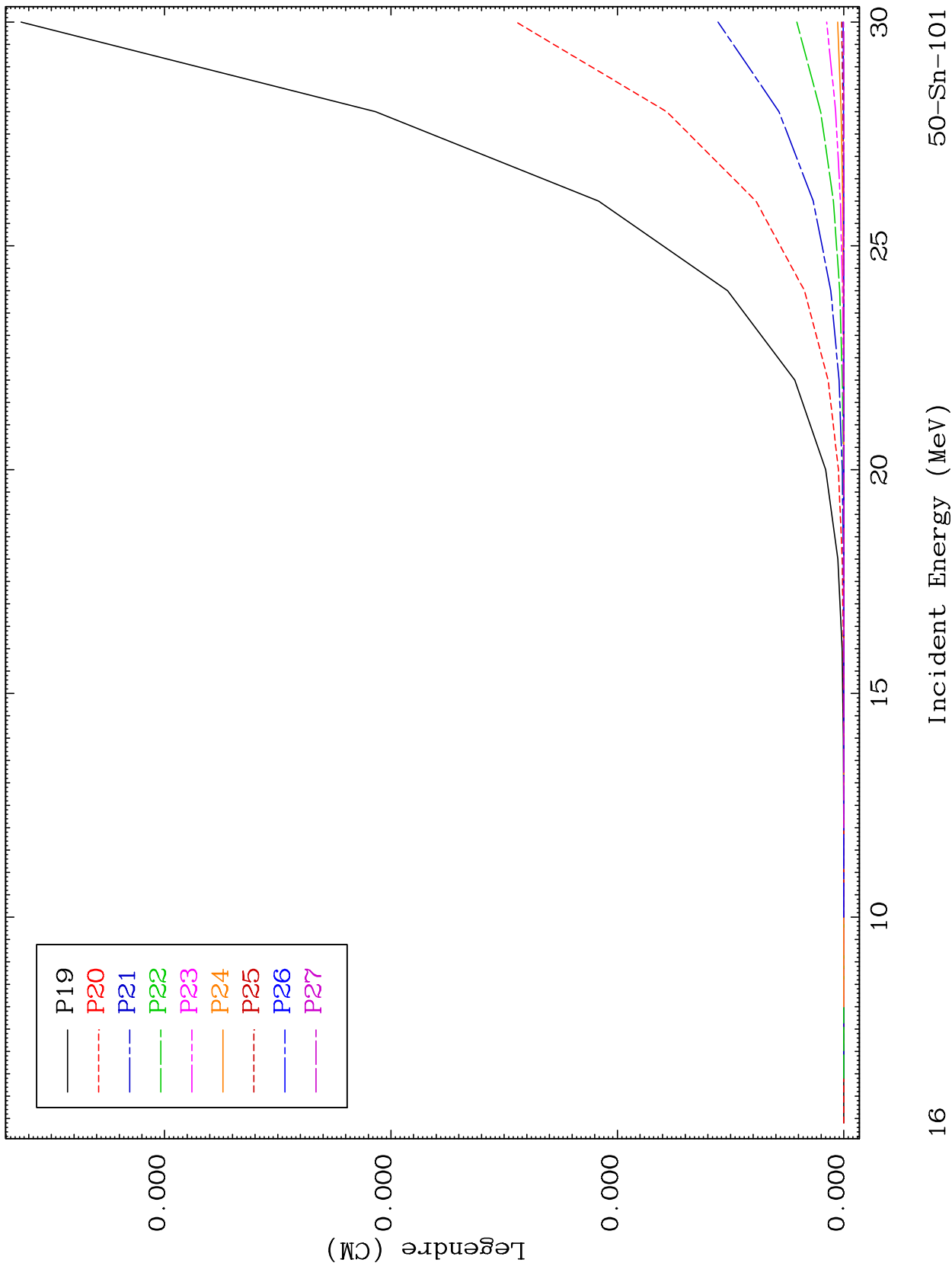
Incident Energy (MeV)

50-Sn-101

MAT 4992

Elastic Legendre Coefficients

50-Sn-101



16

Incident Energy (MeV)

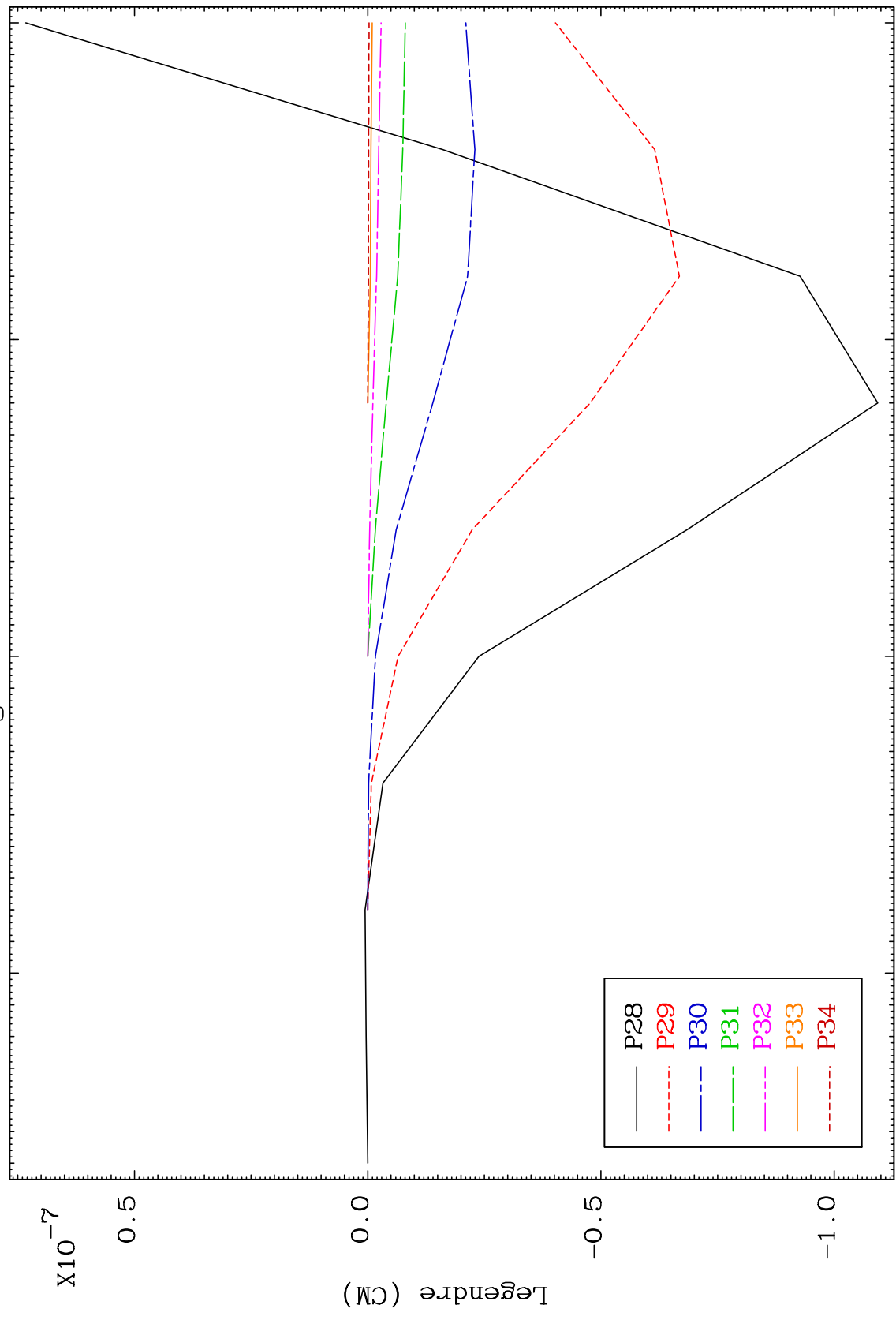
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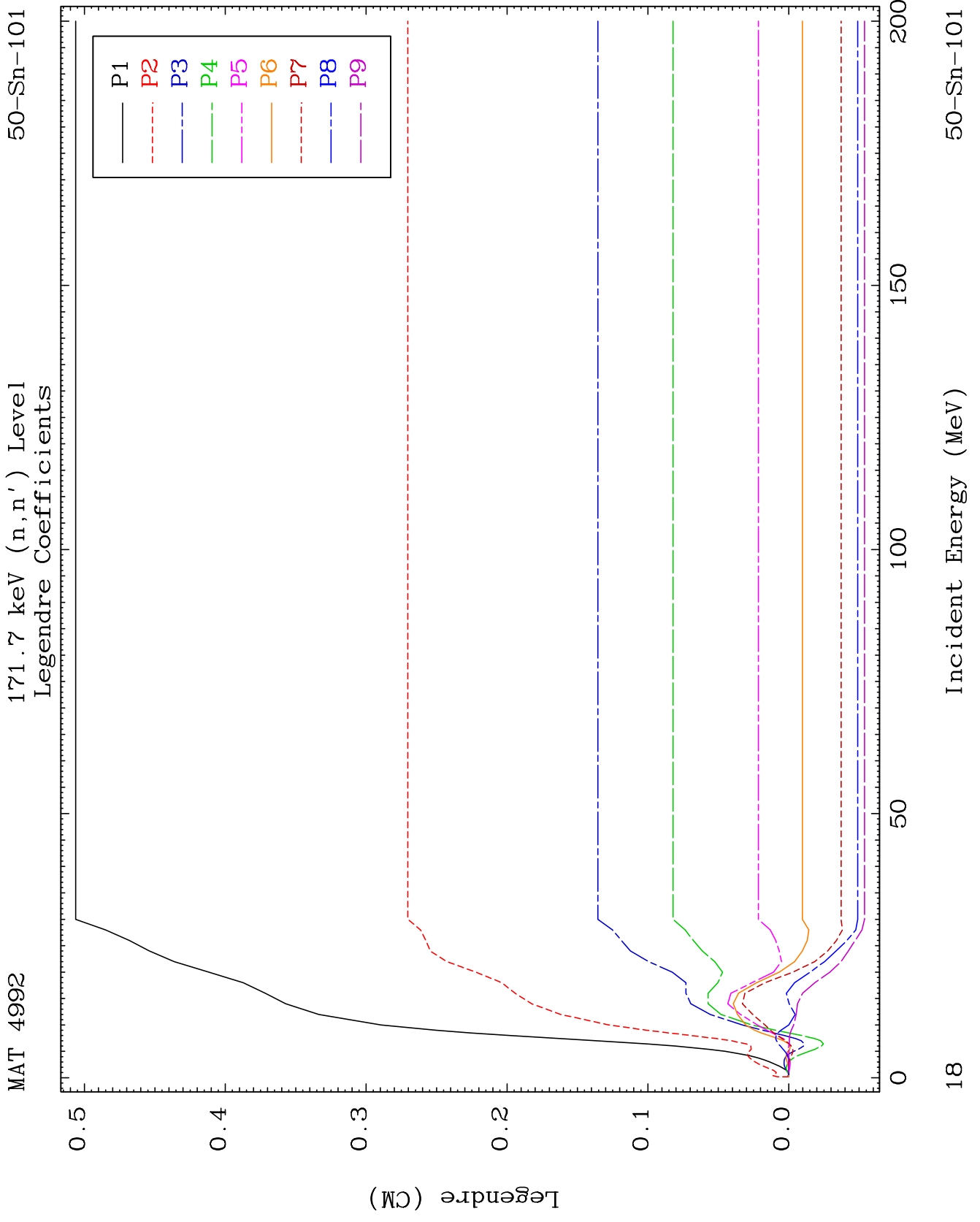
MAT 4992

Elastic Legendre Coefficients

50-Sn-101

$\times 10^{-7}$

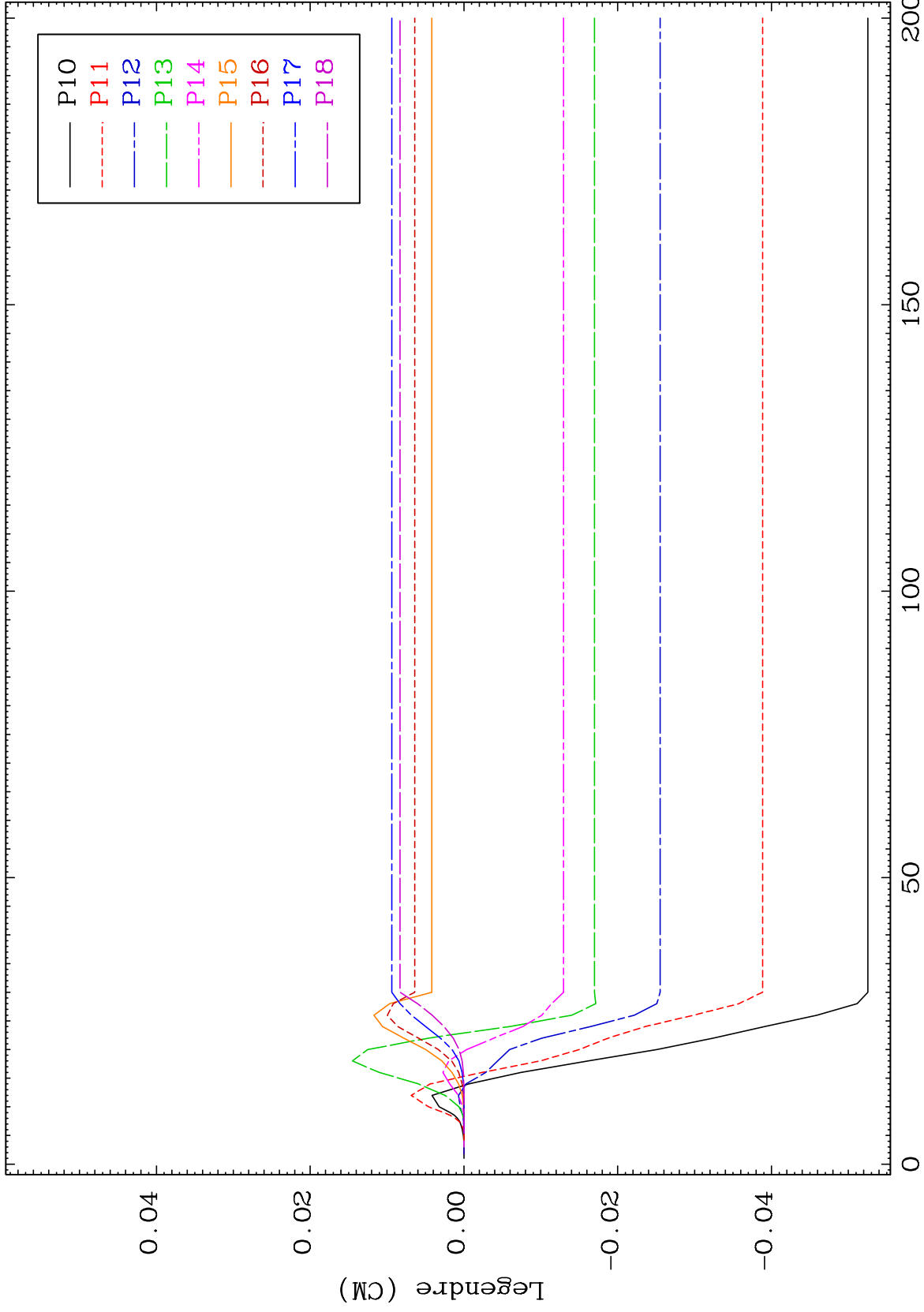




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171.7 keV (n,n') Level
Legendre Coefficients

50-Sn-101



0

50

100

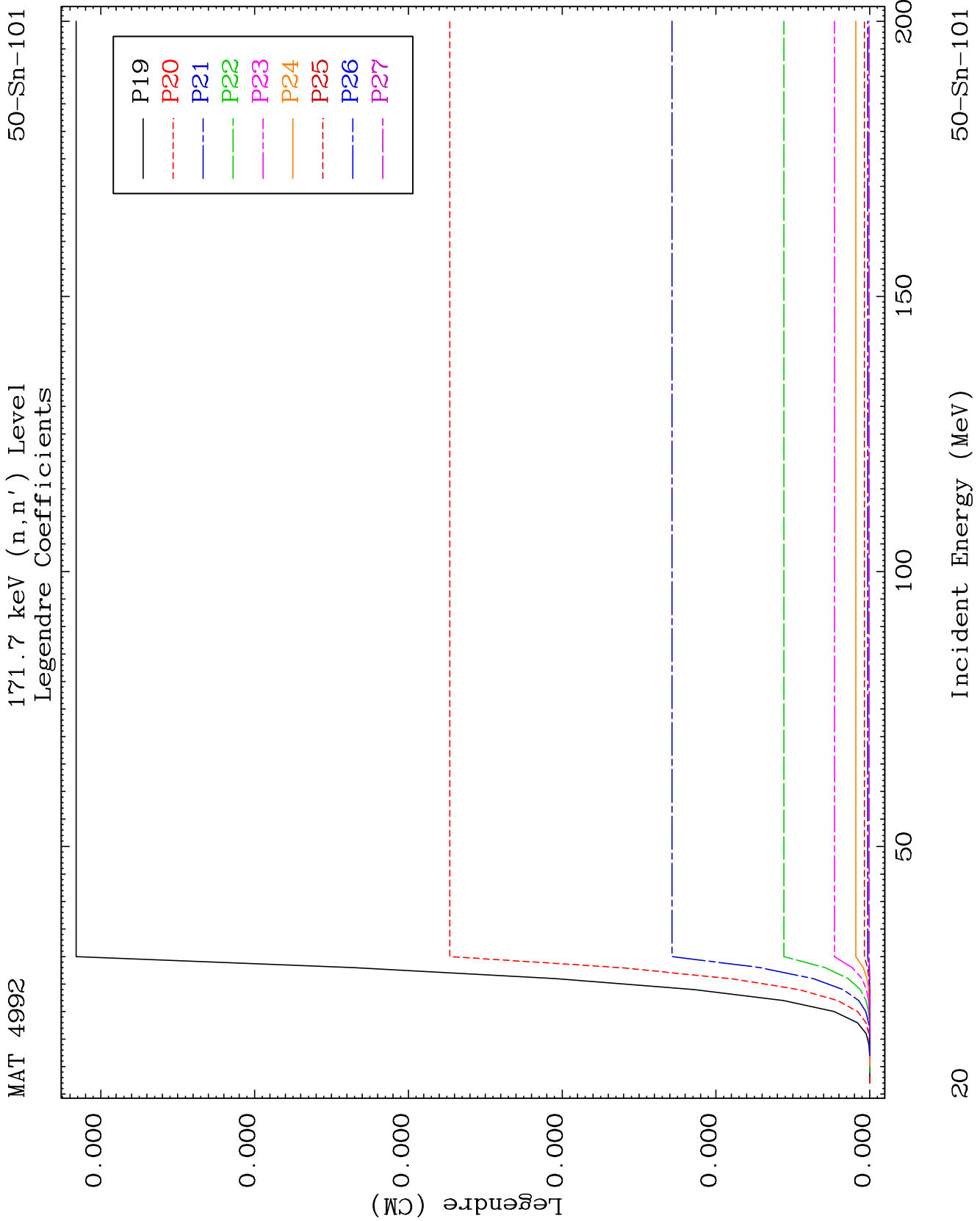
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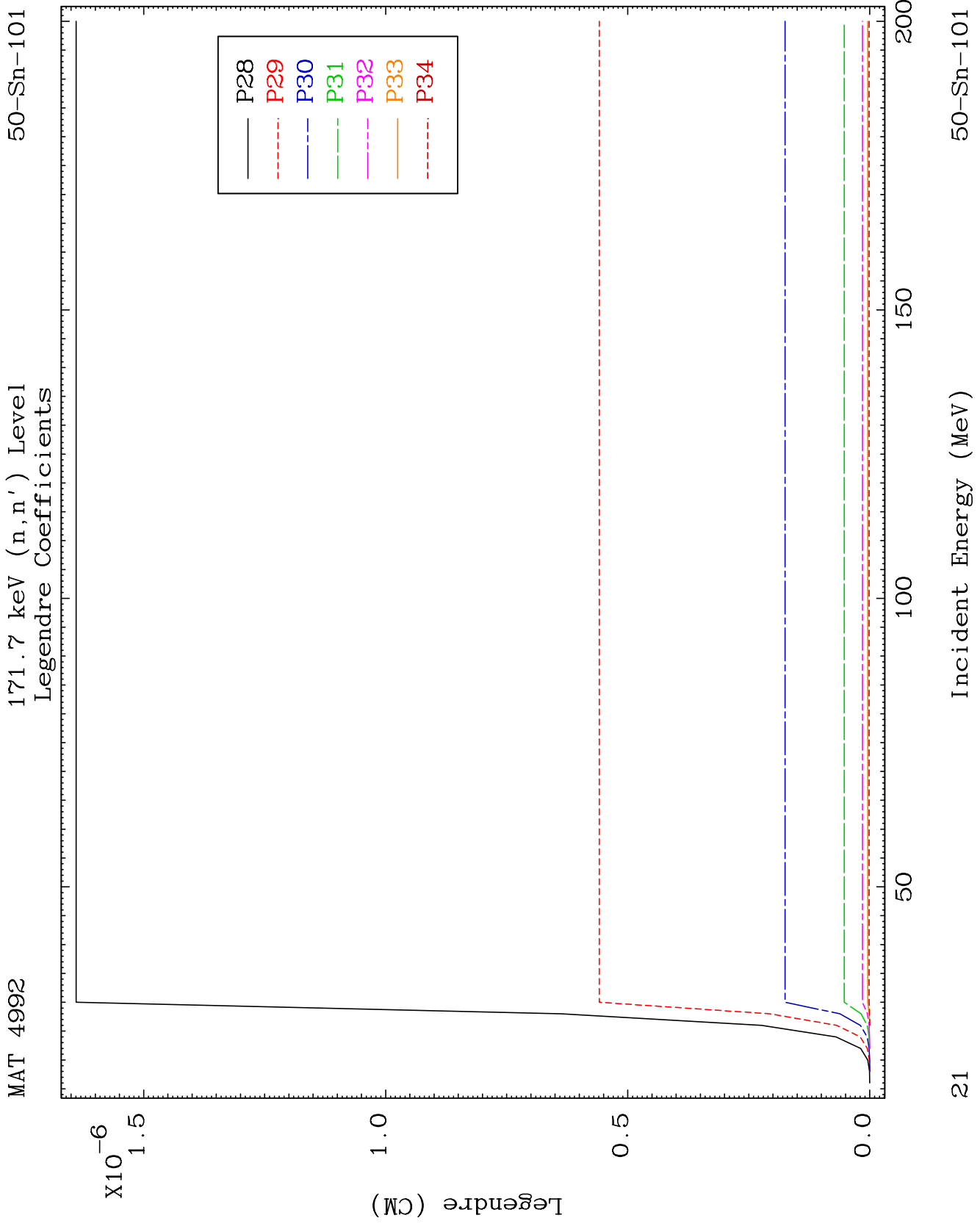
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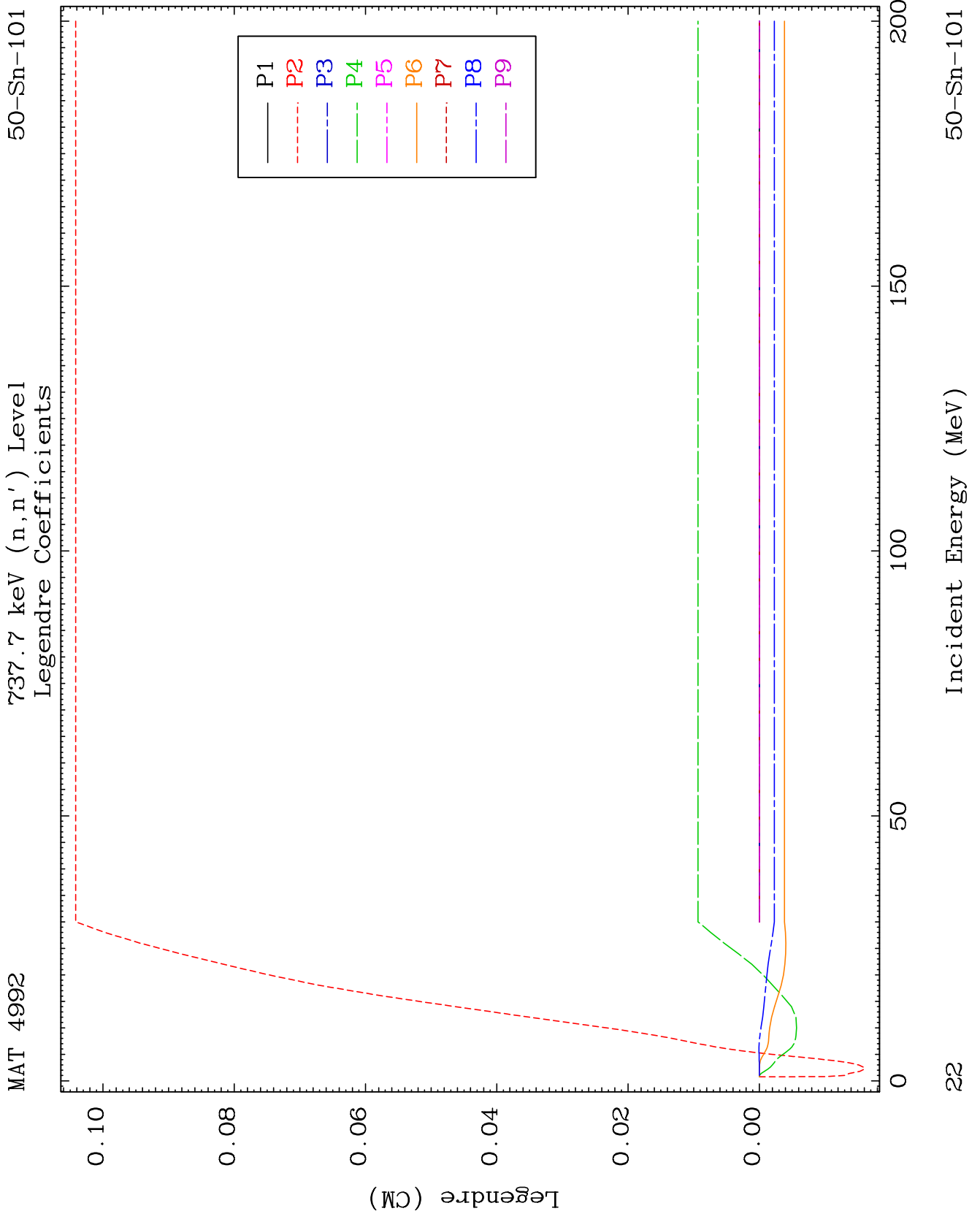
Incident Energy (MeV)

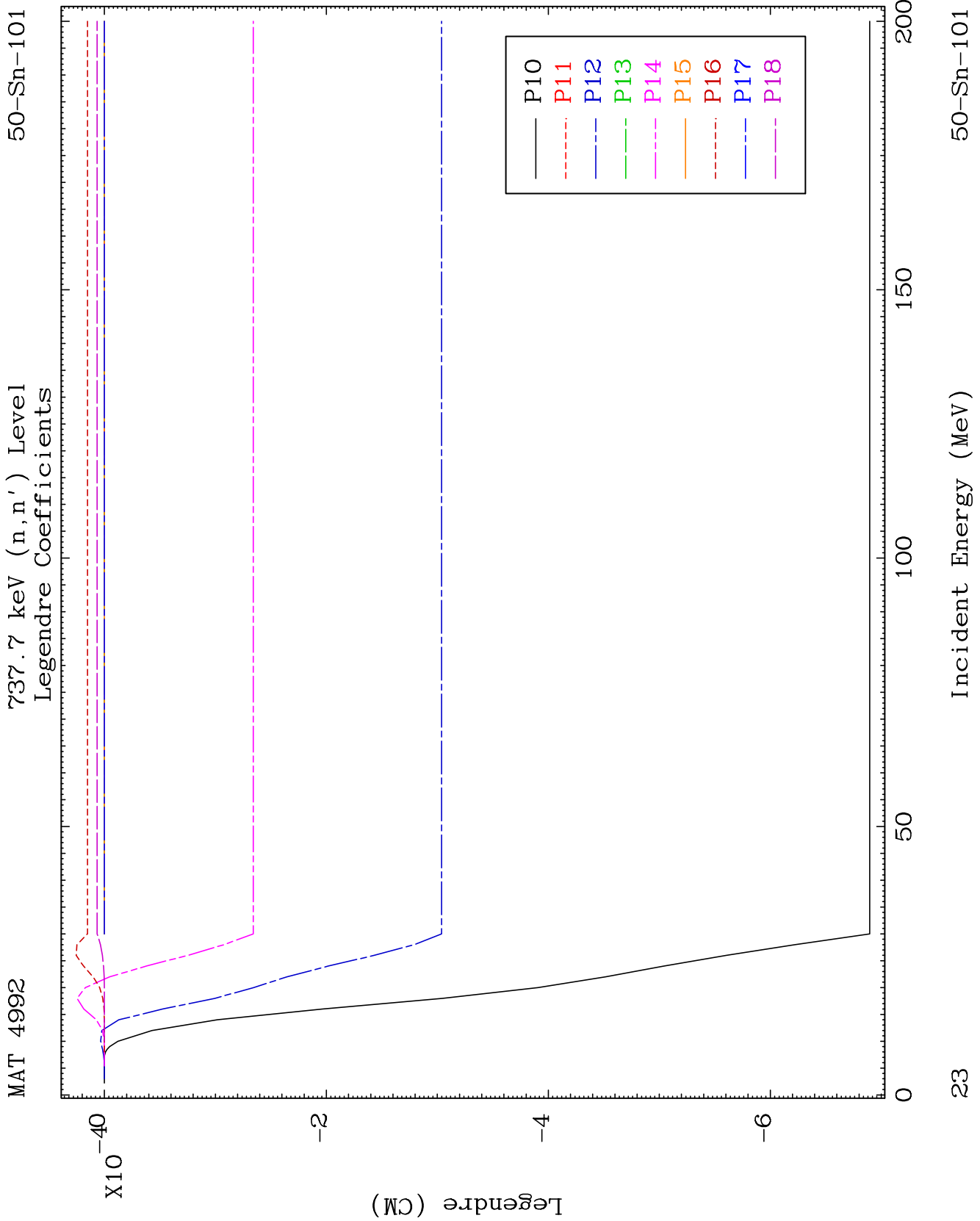
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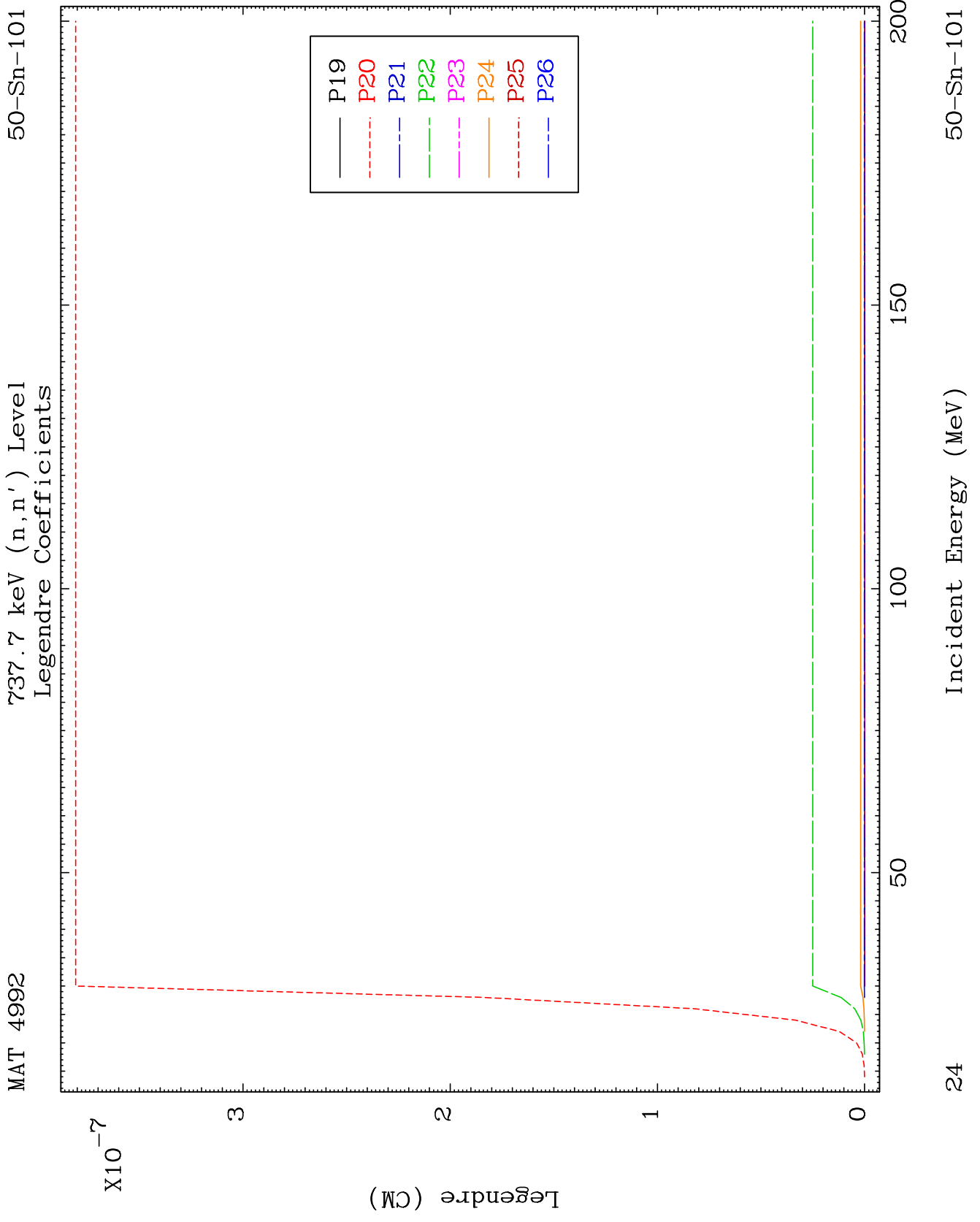
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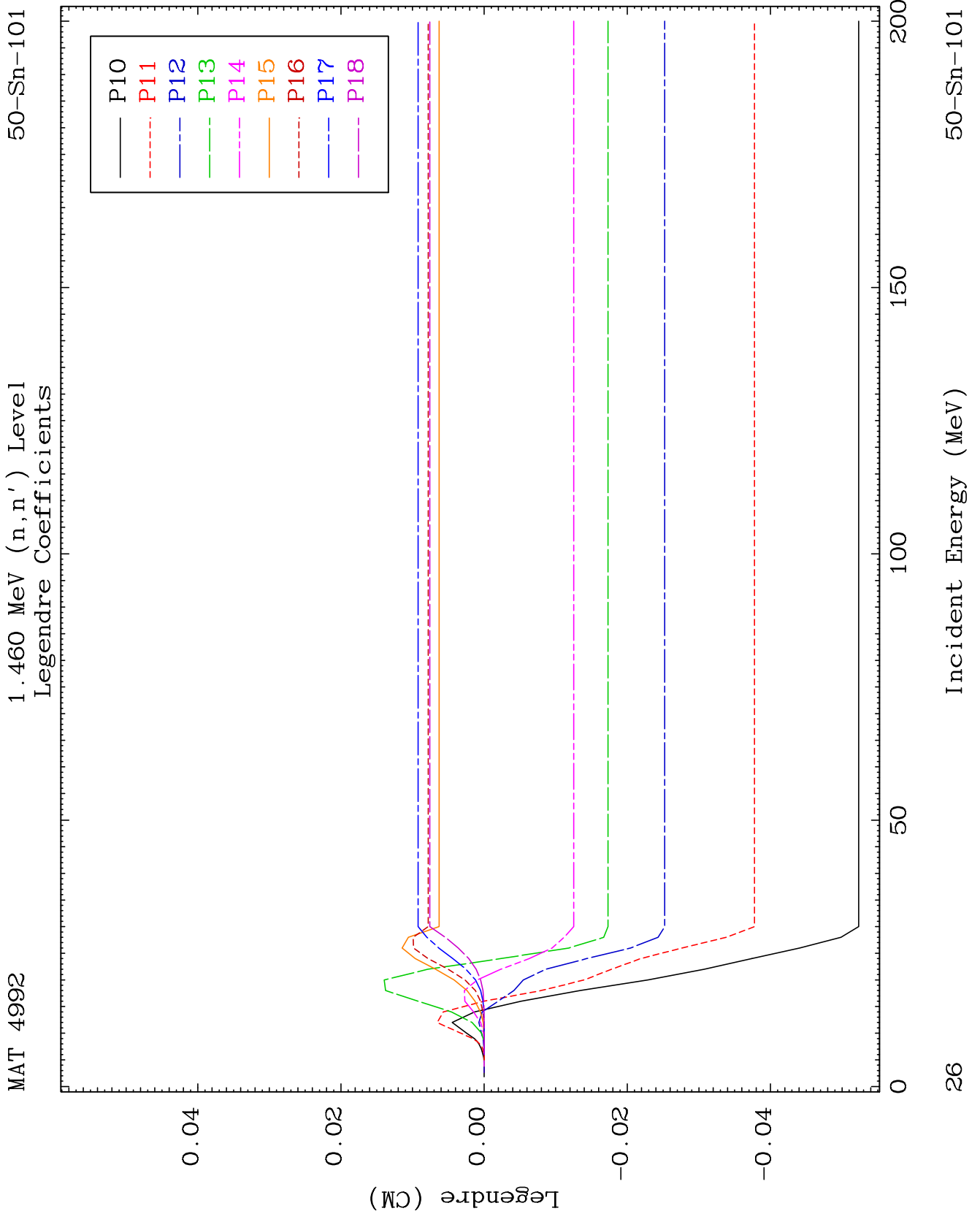


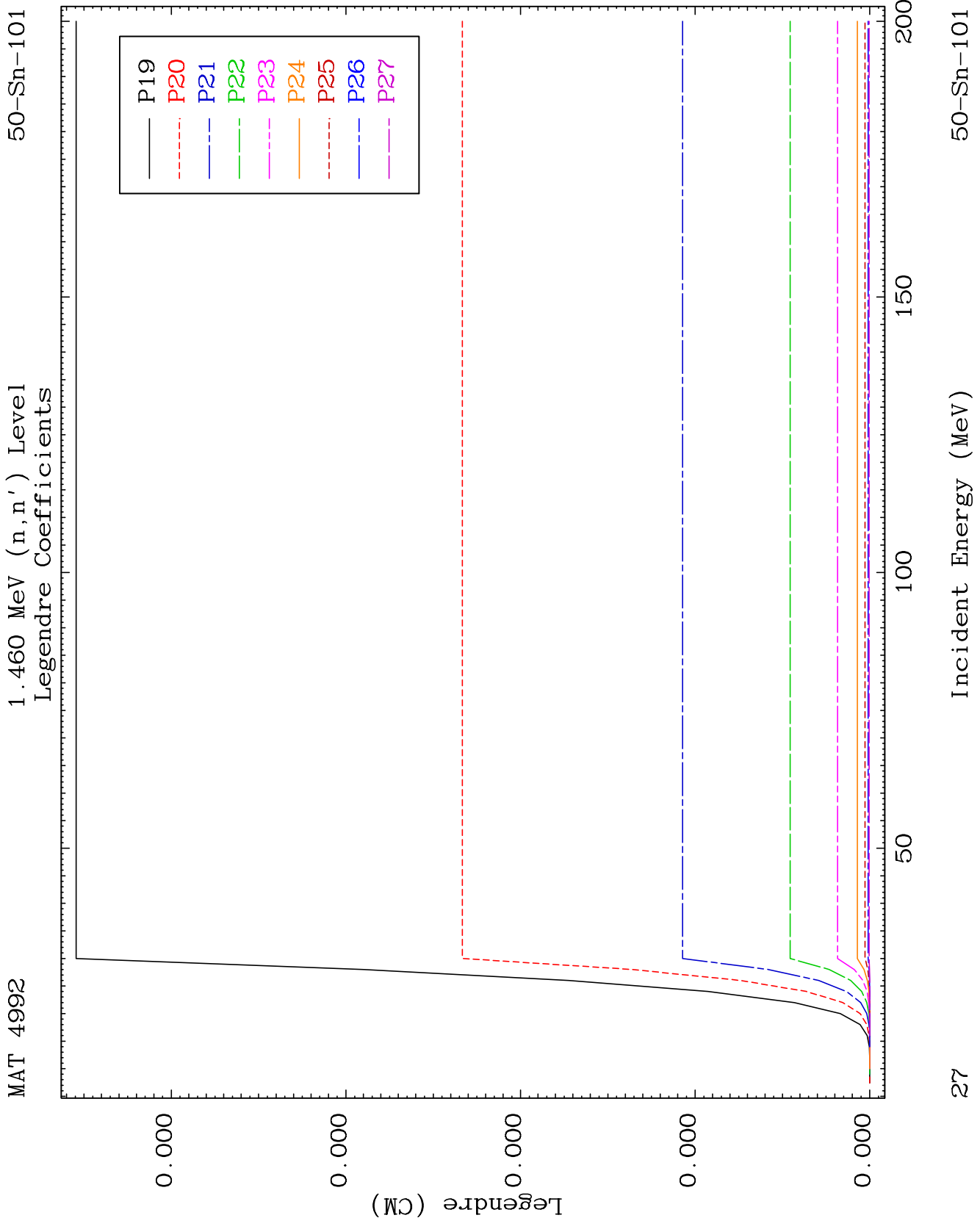


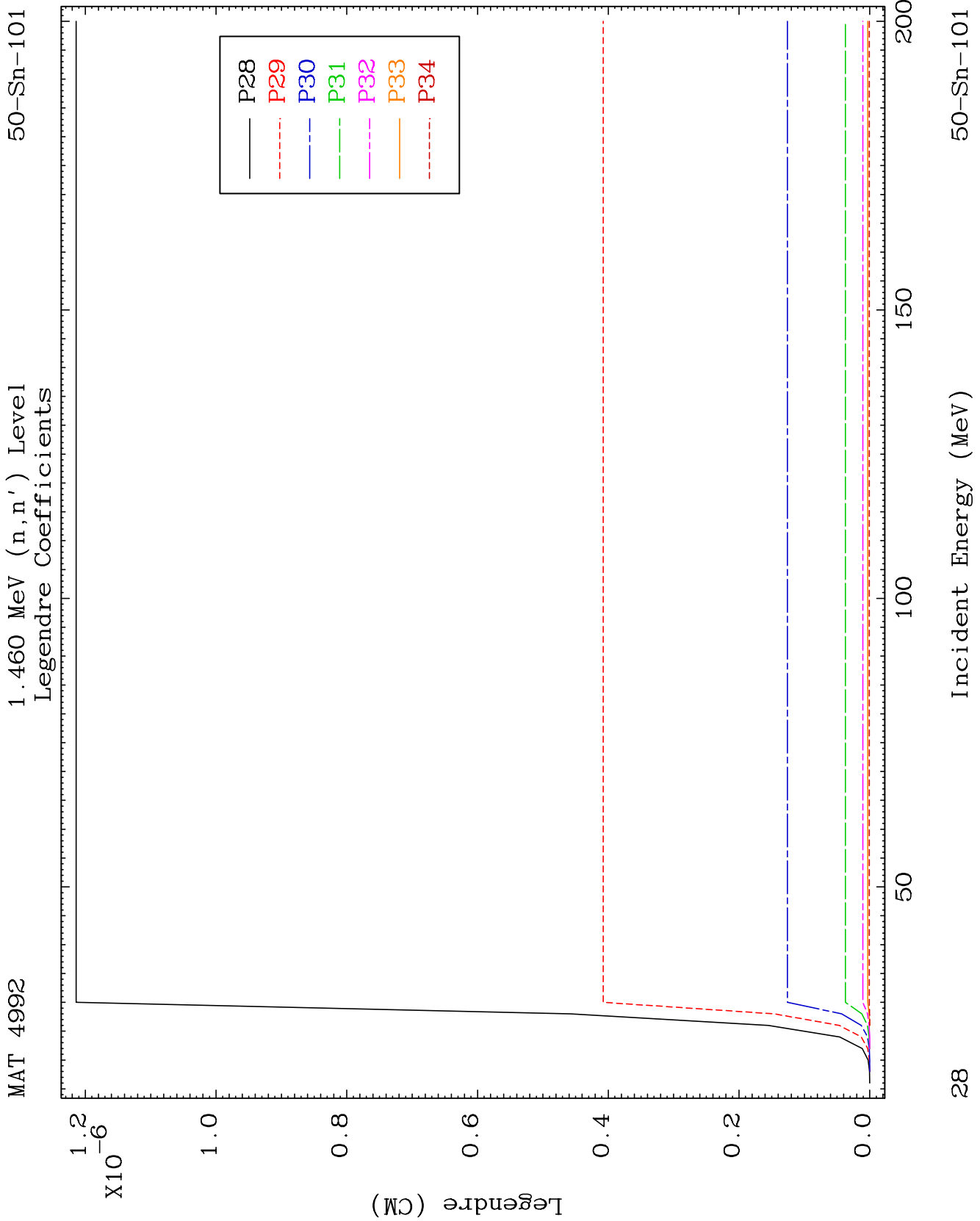


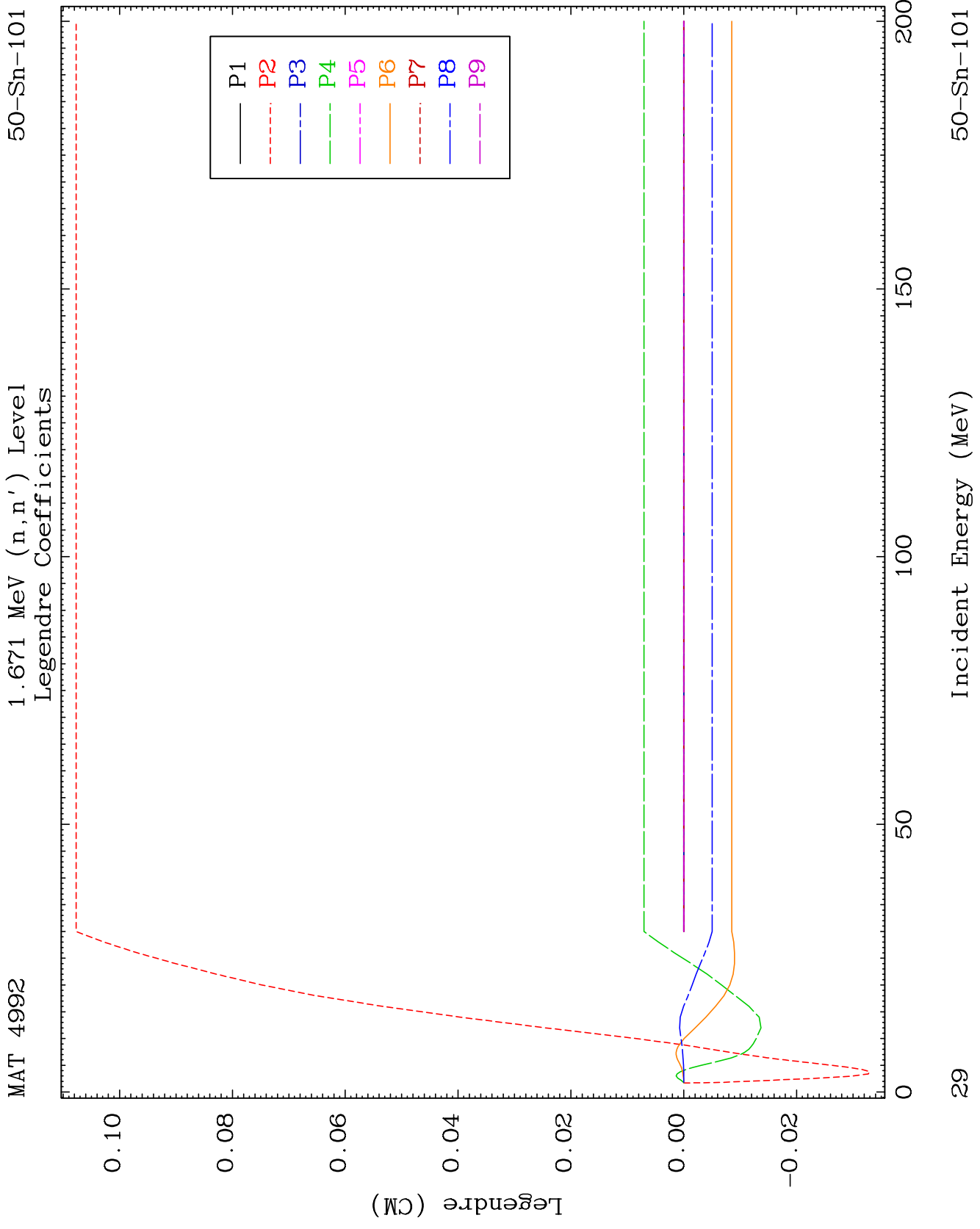


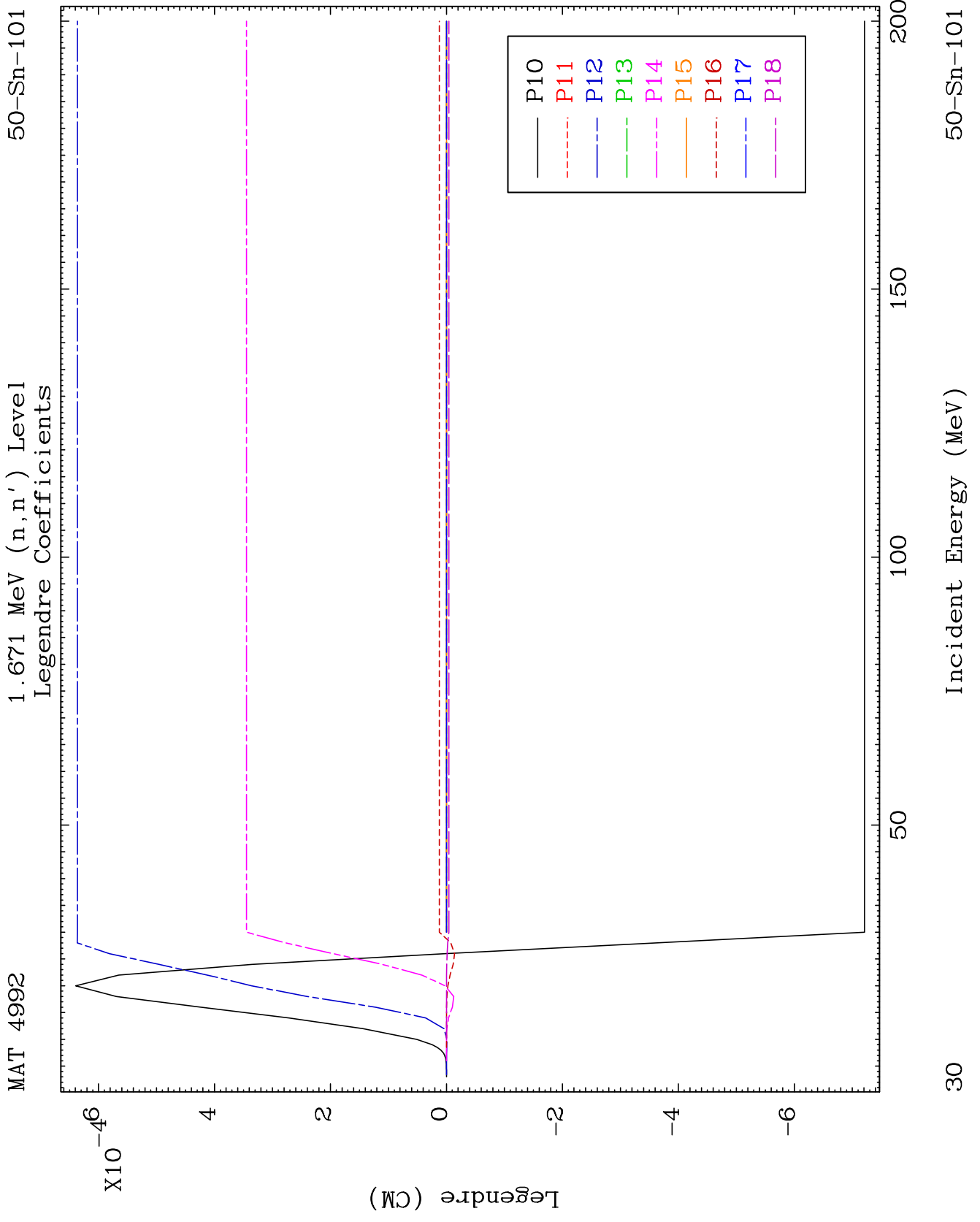


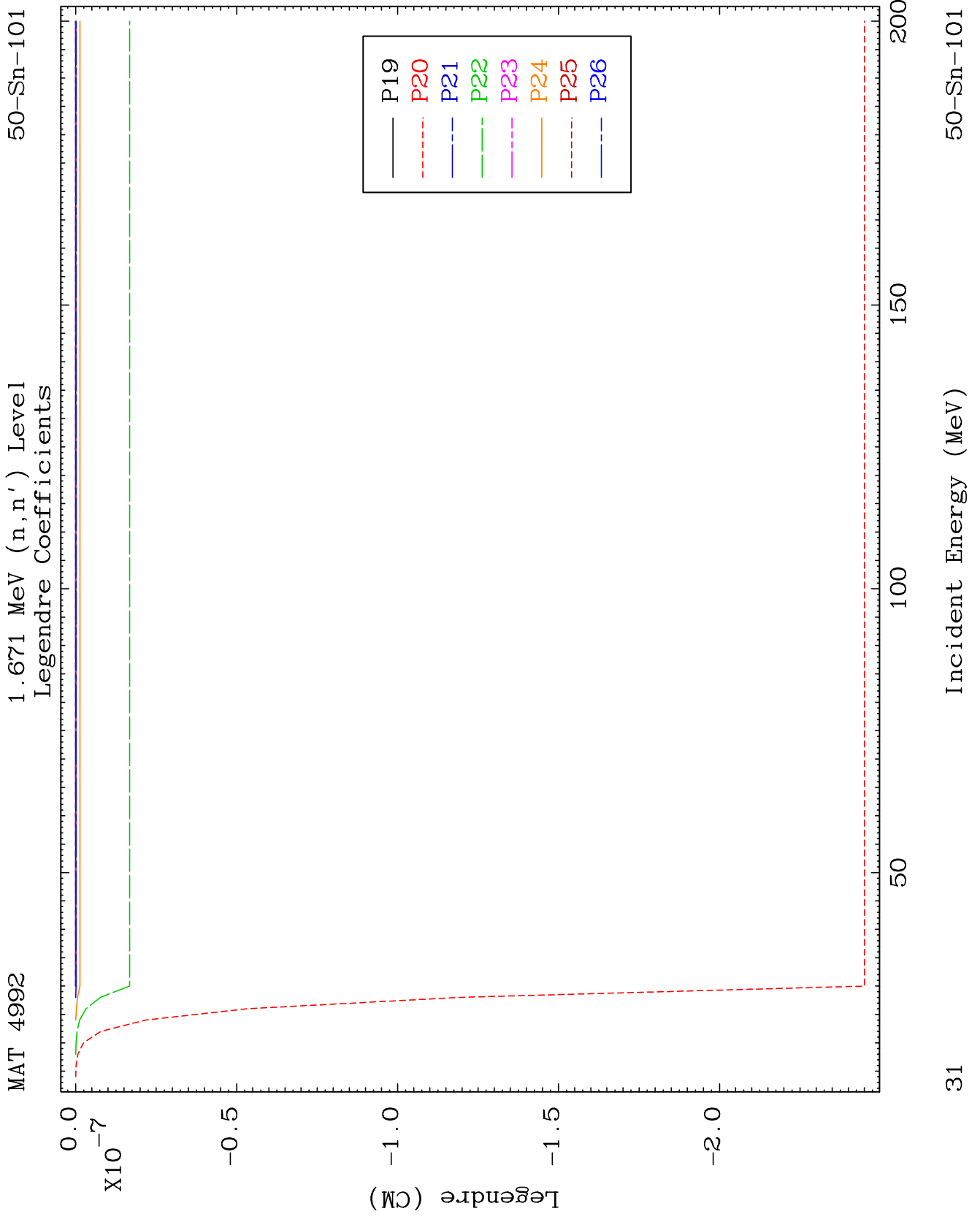


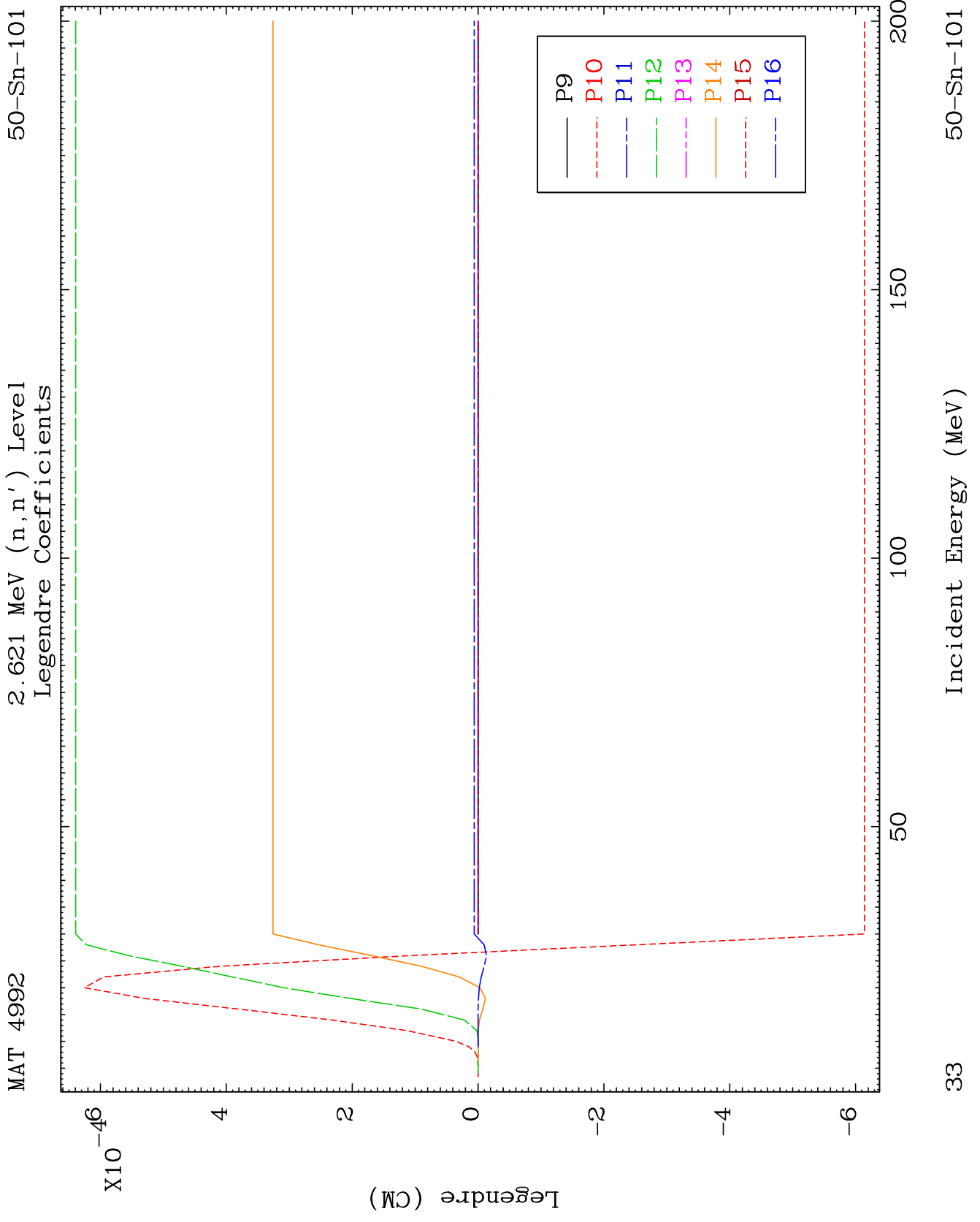


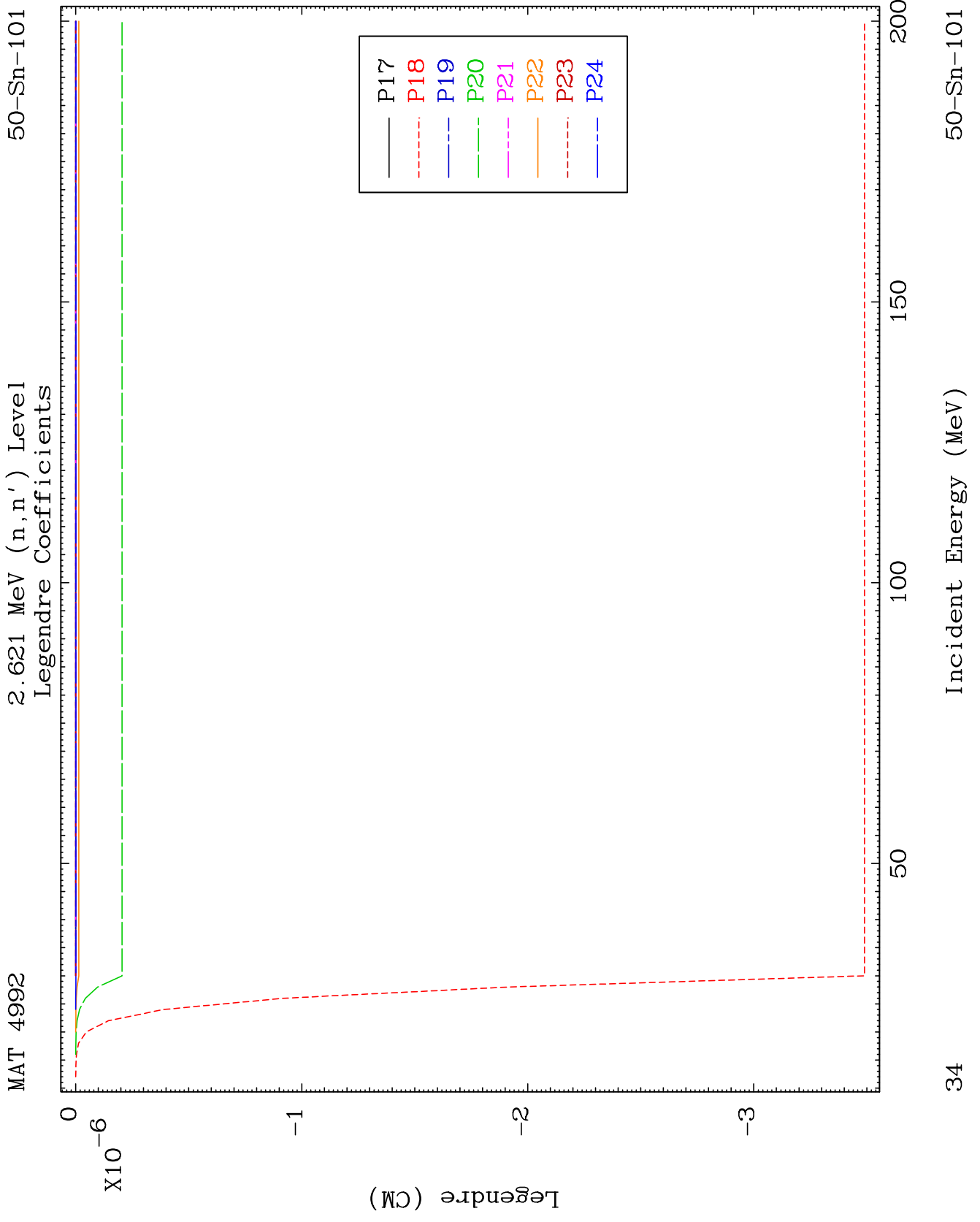


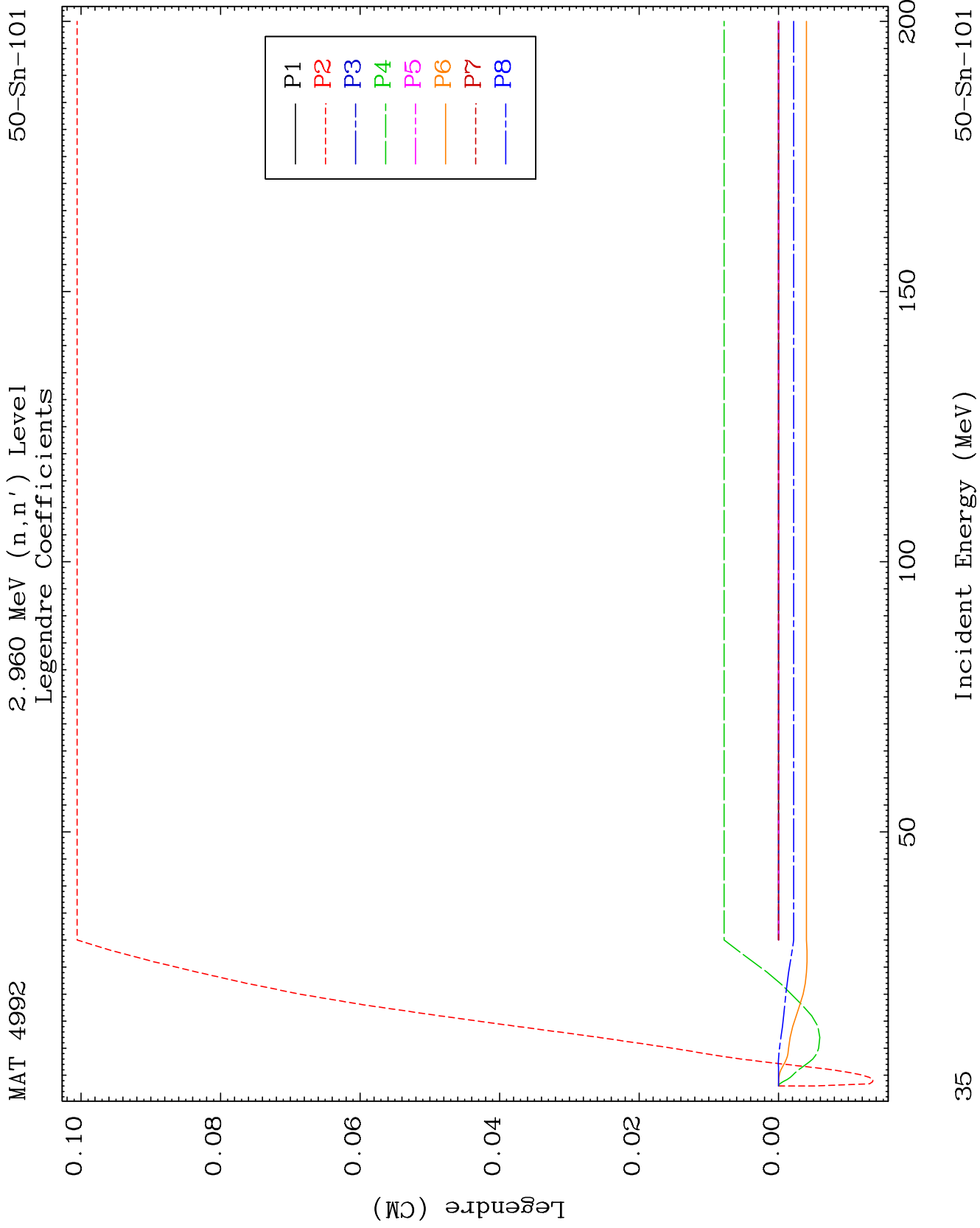


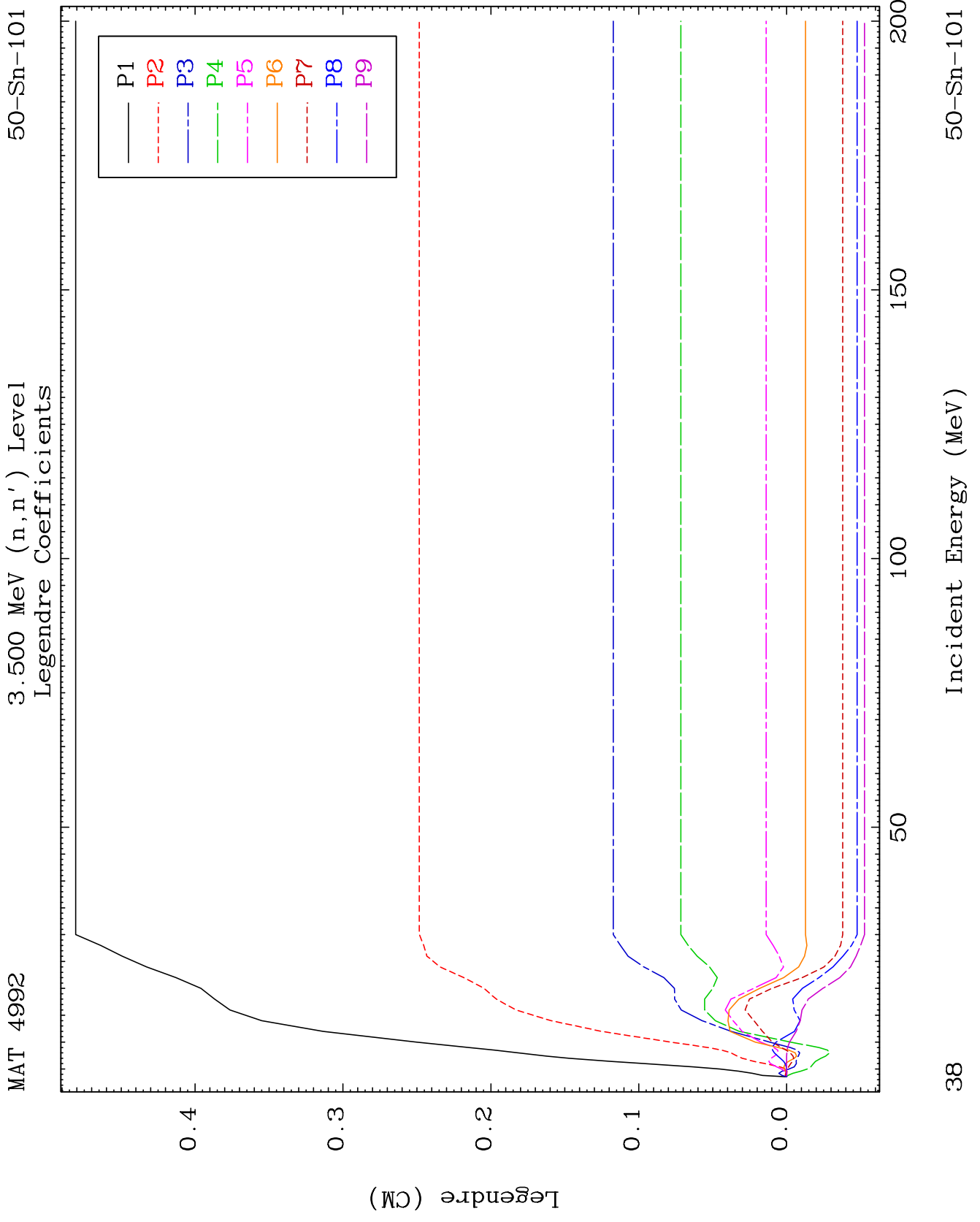


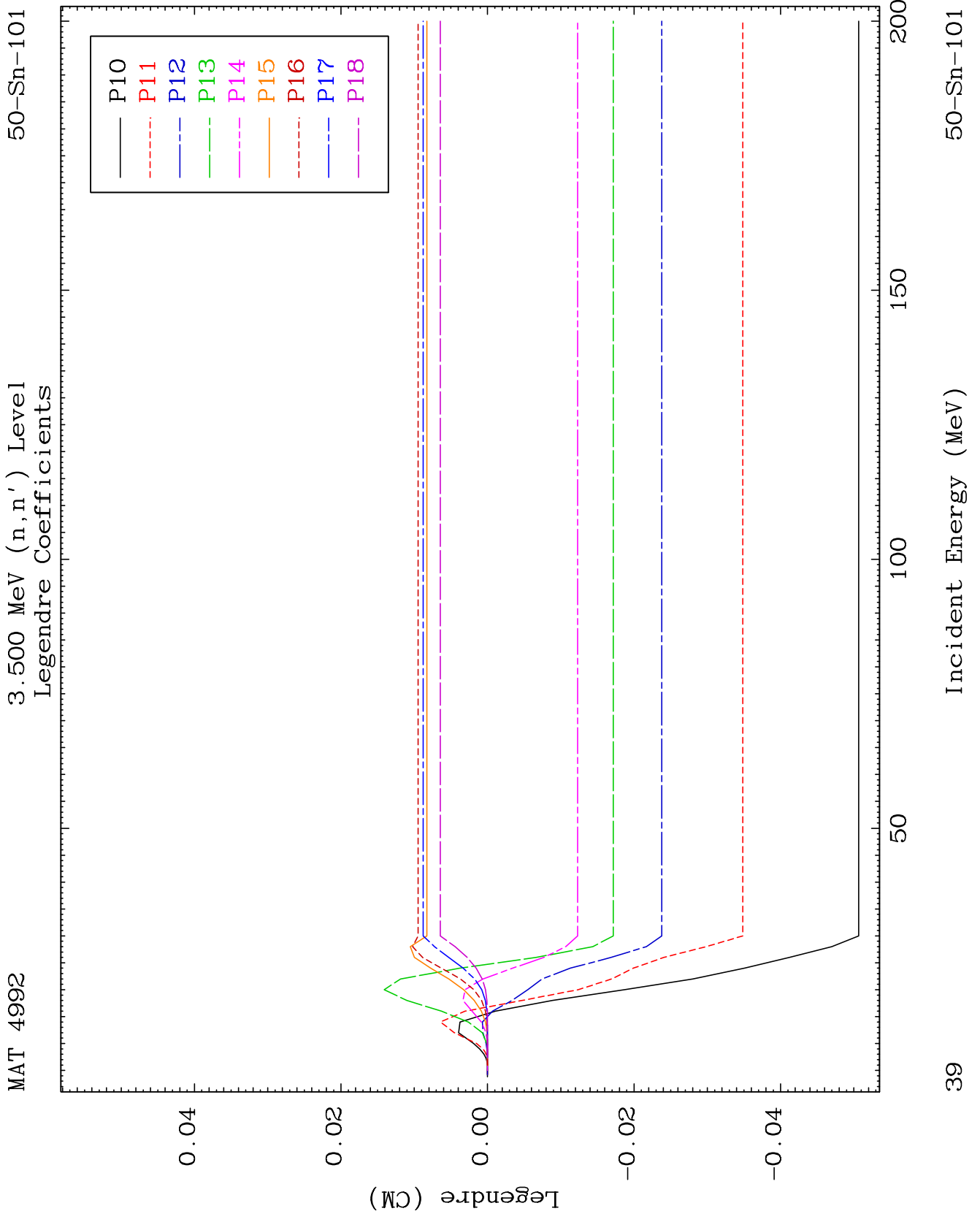


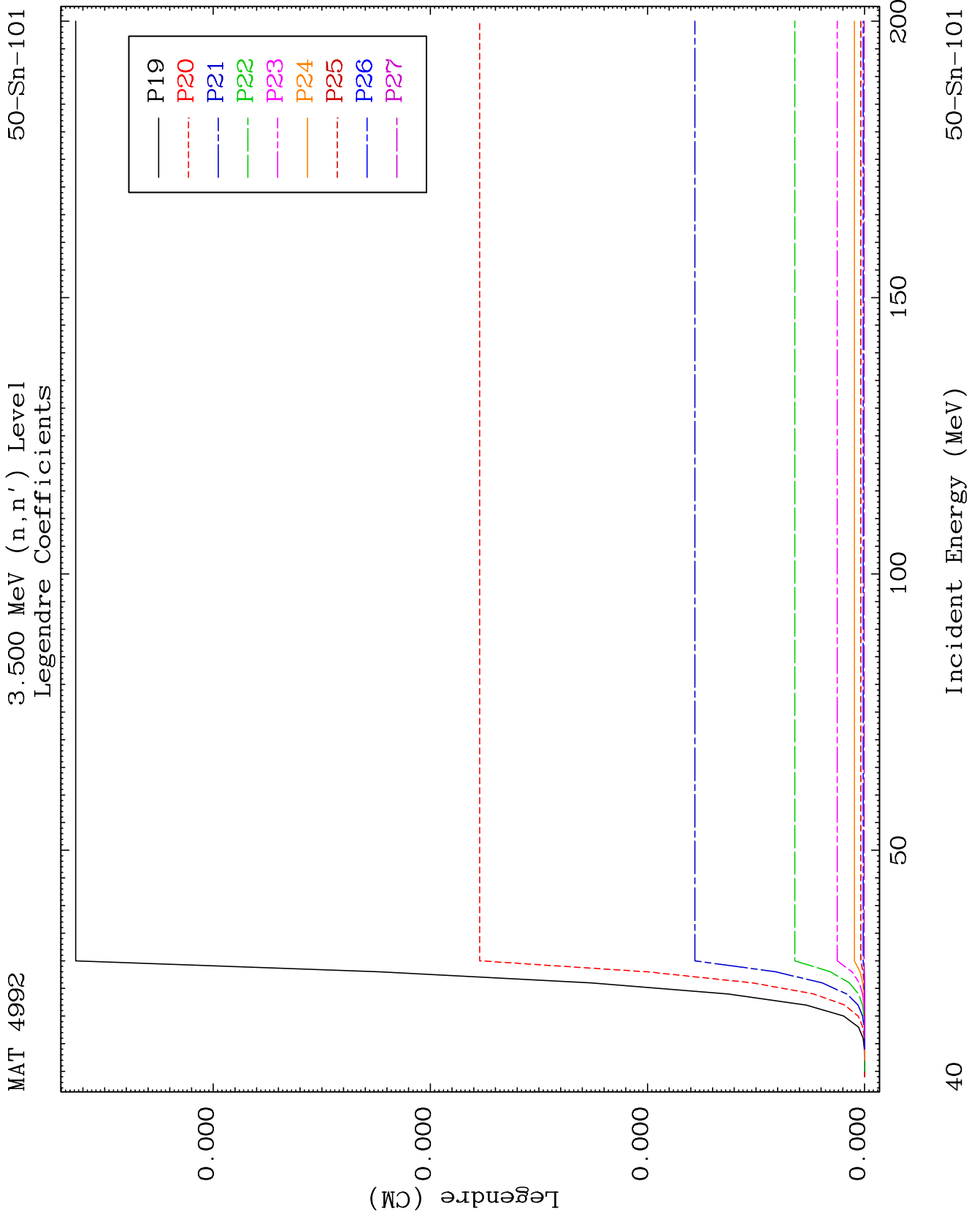


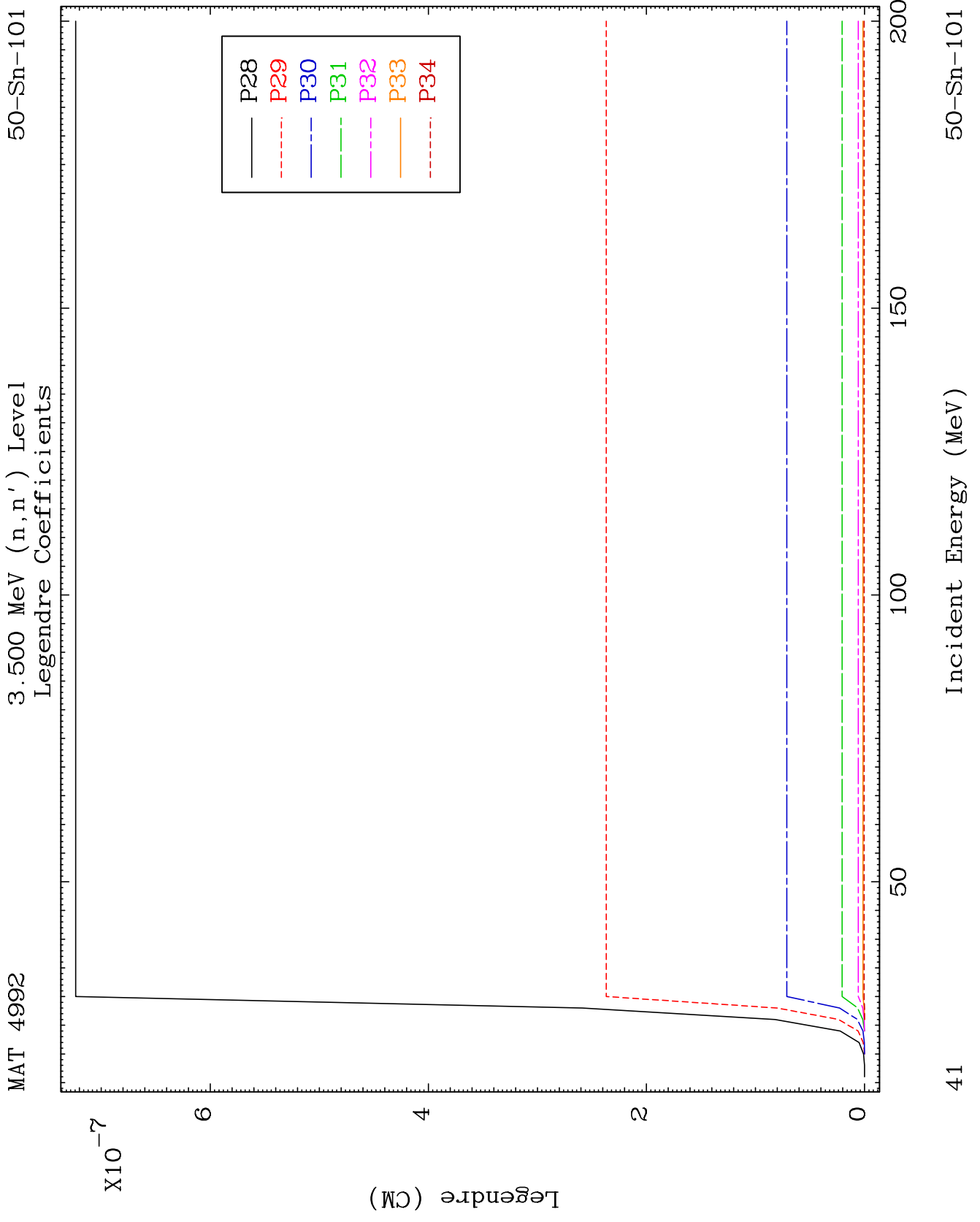


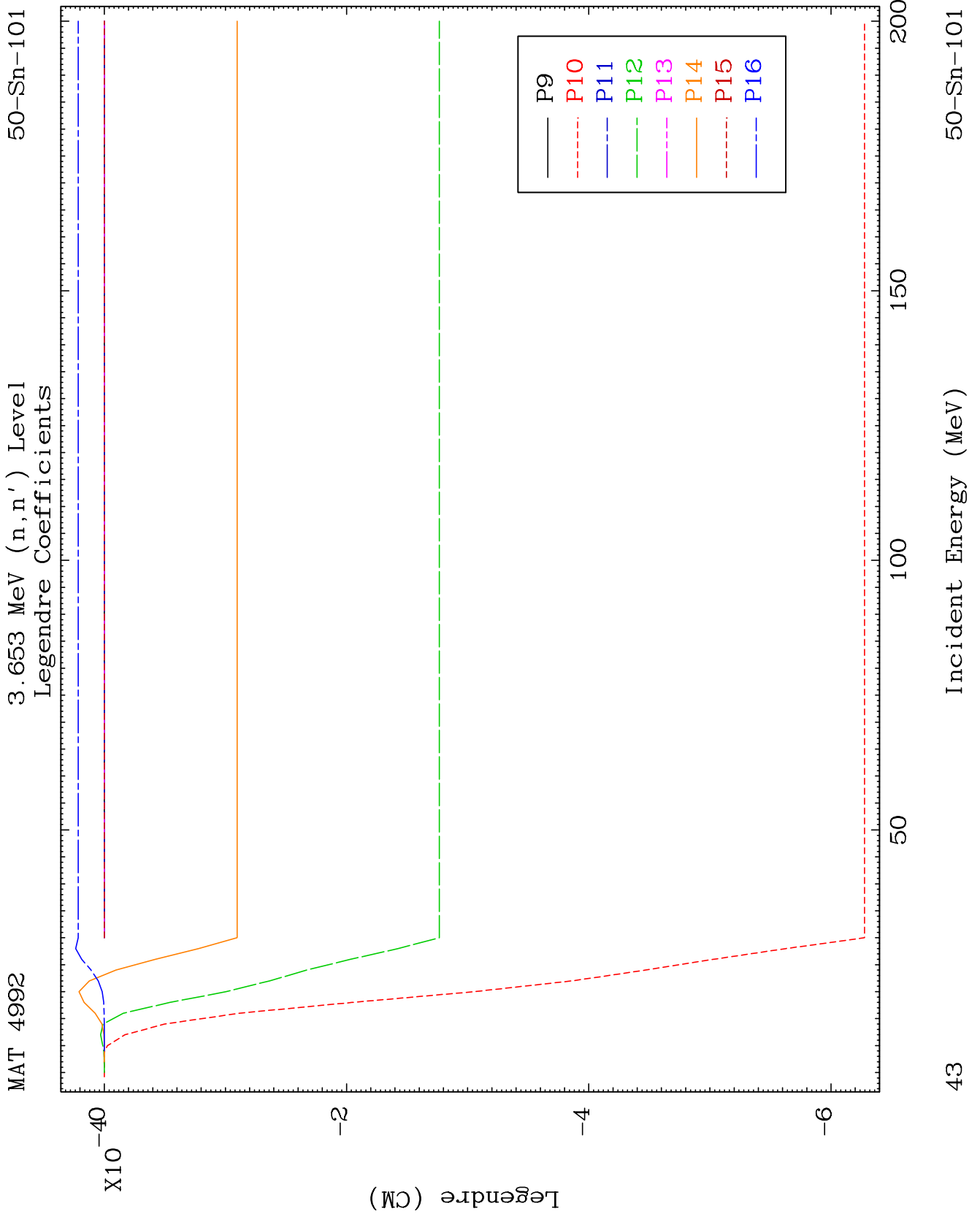


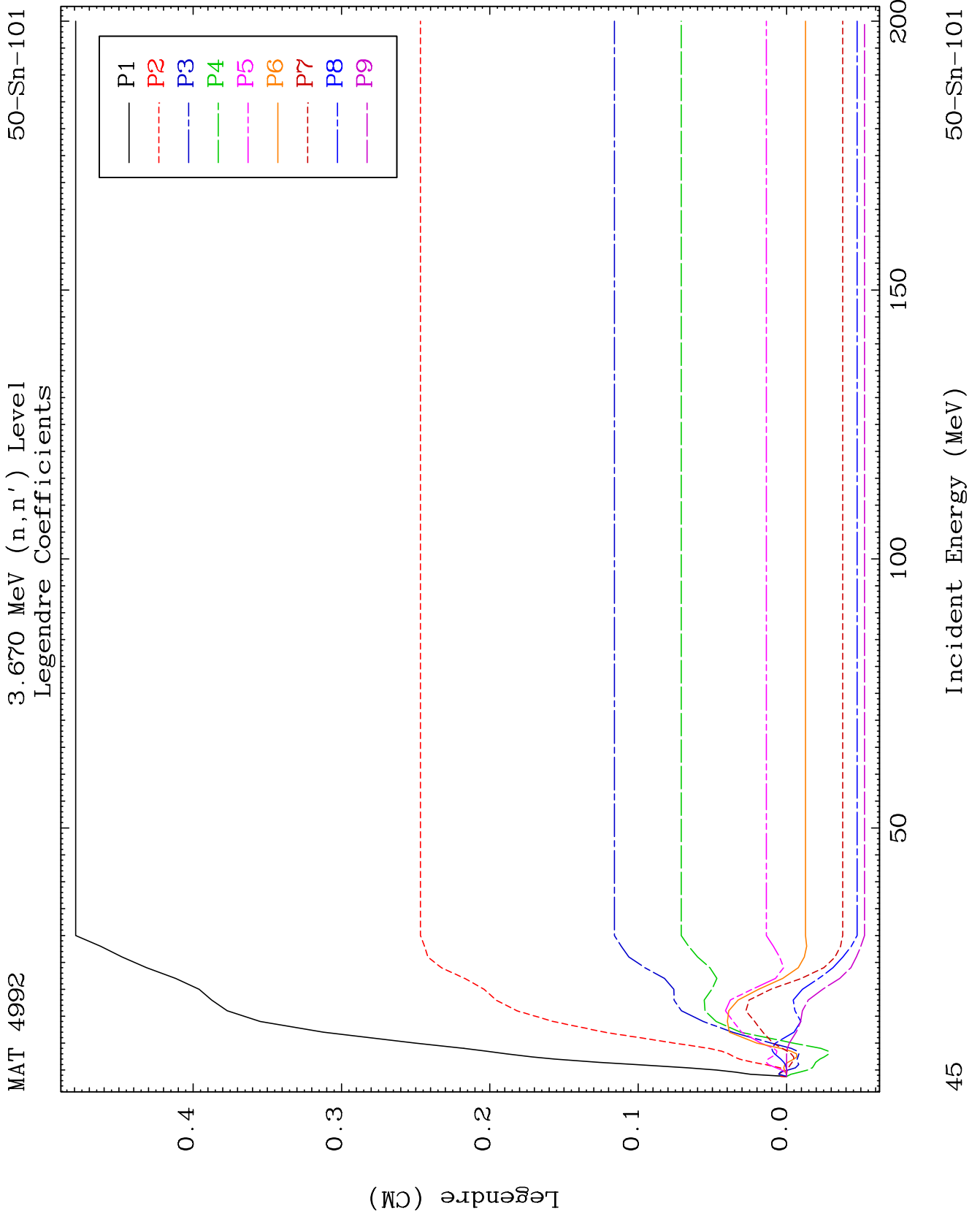


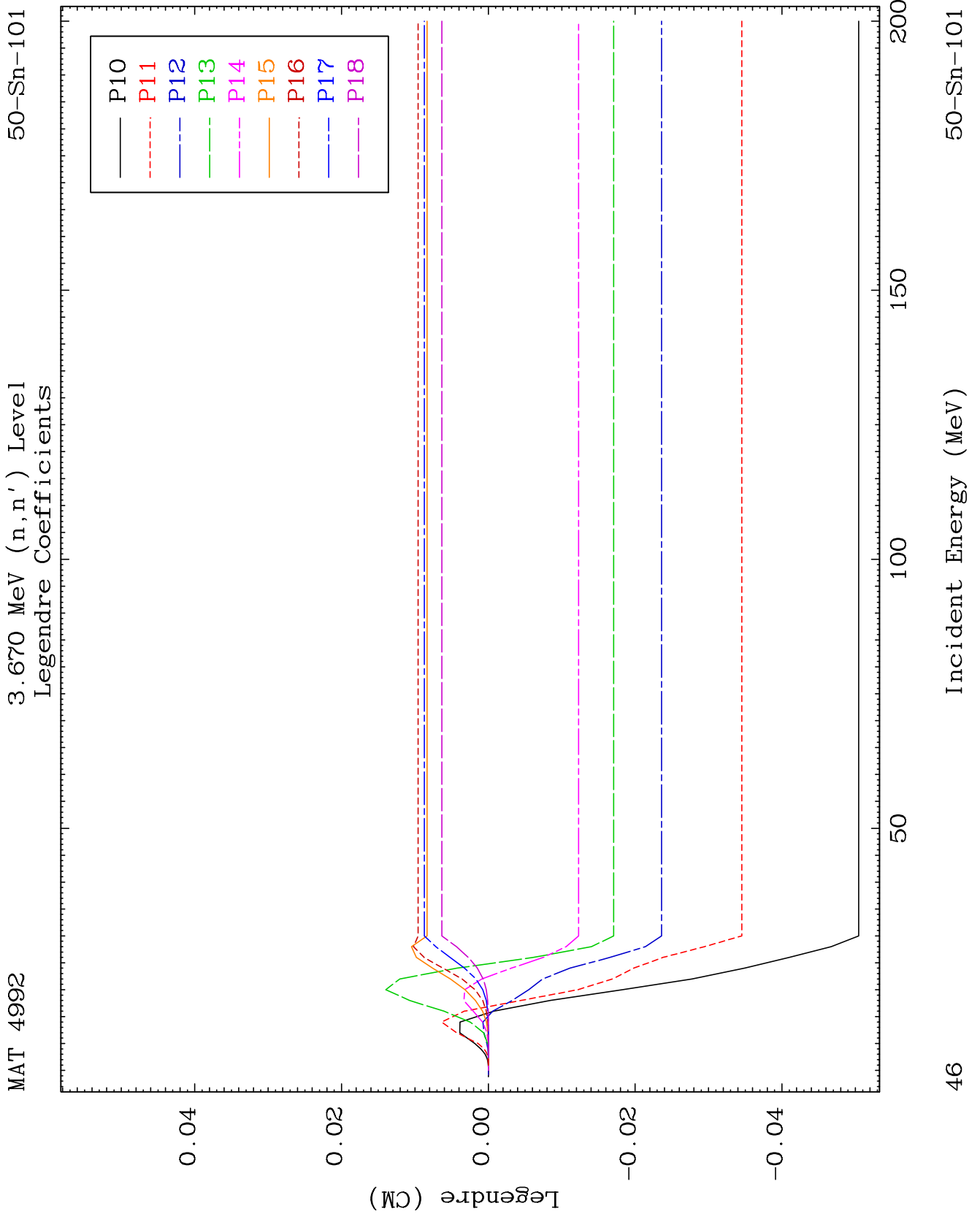


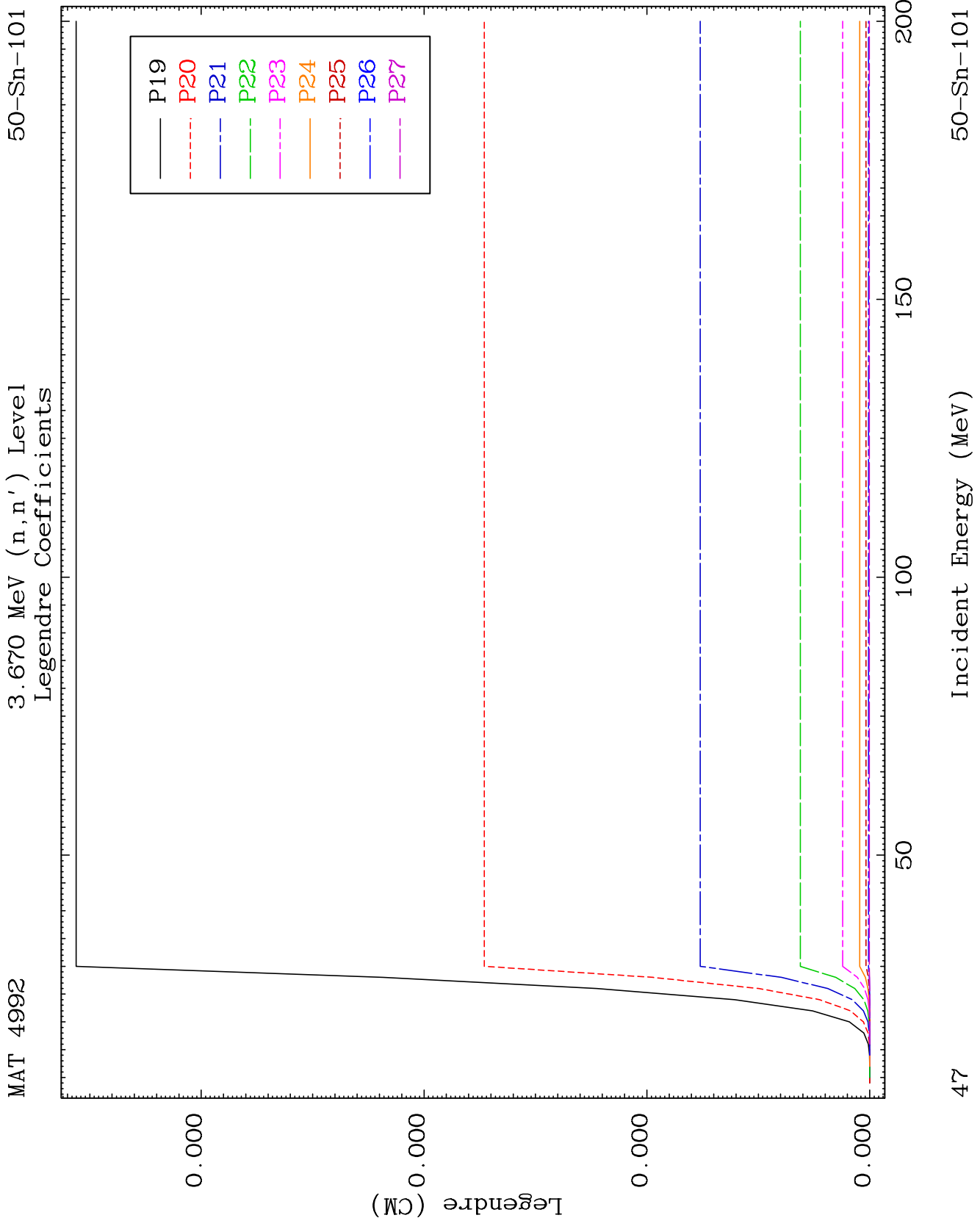


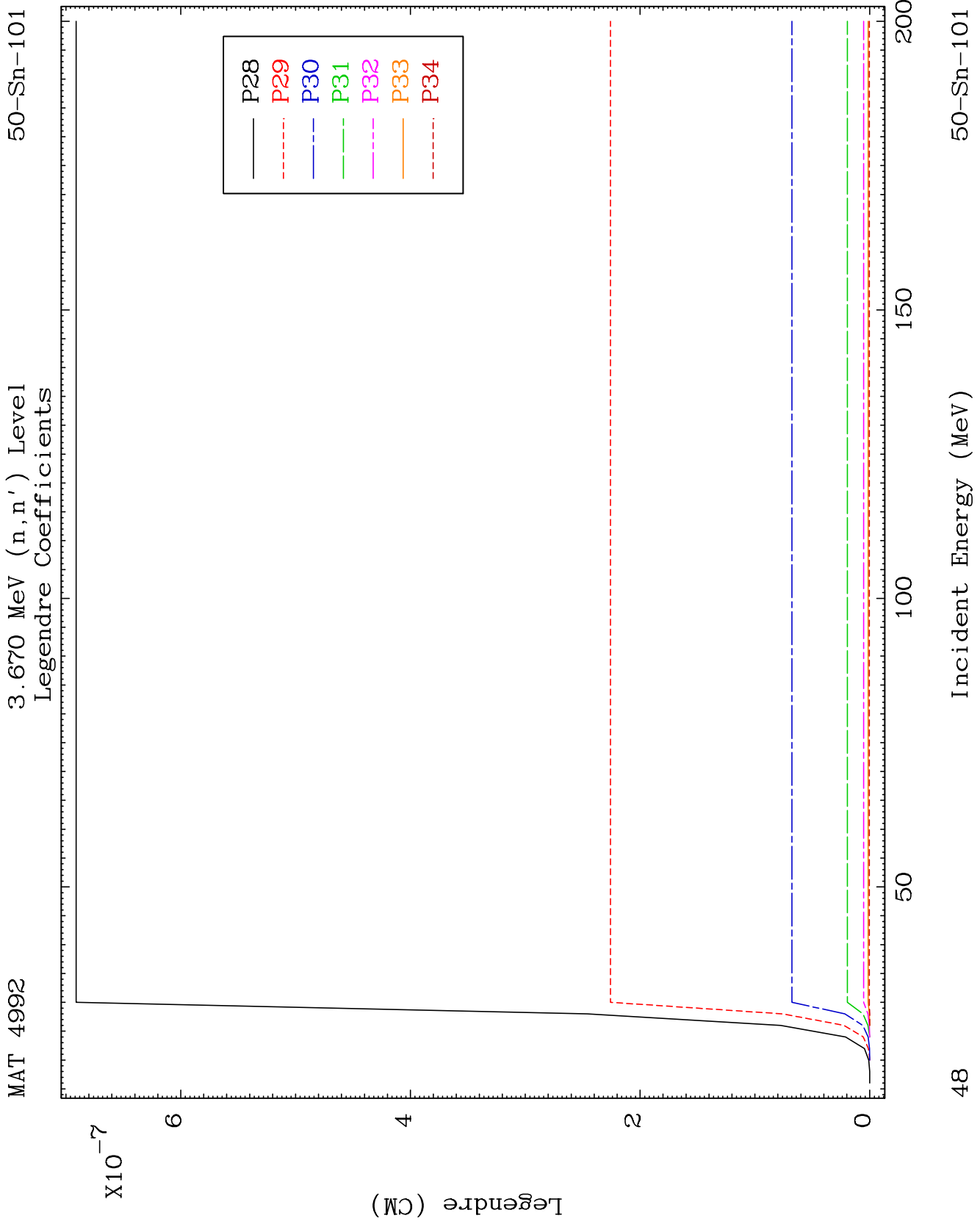


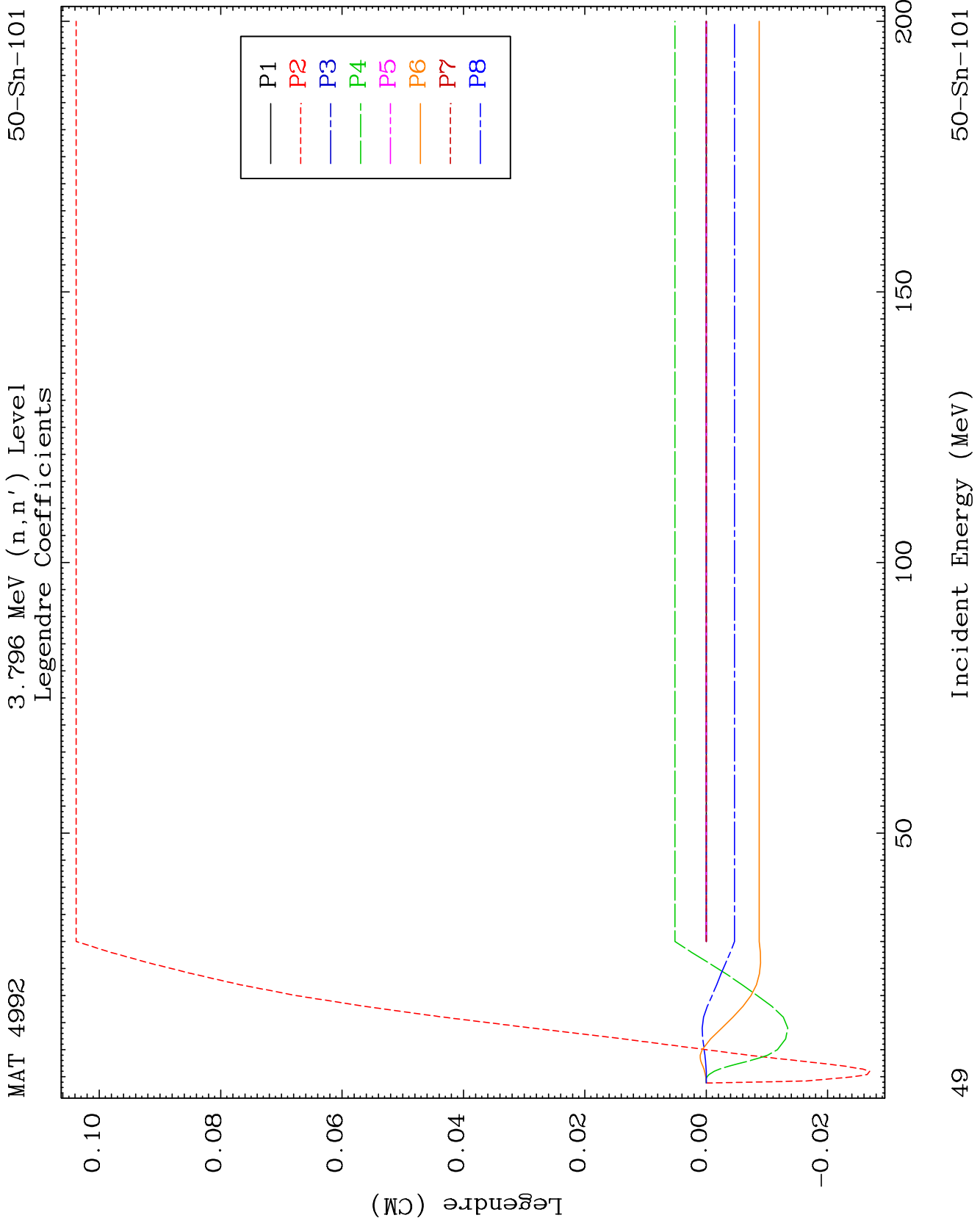


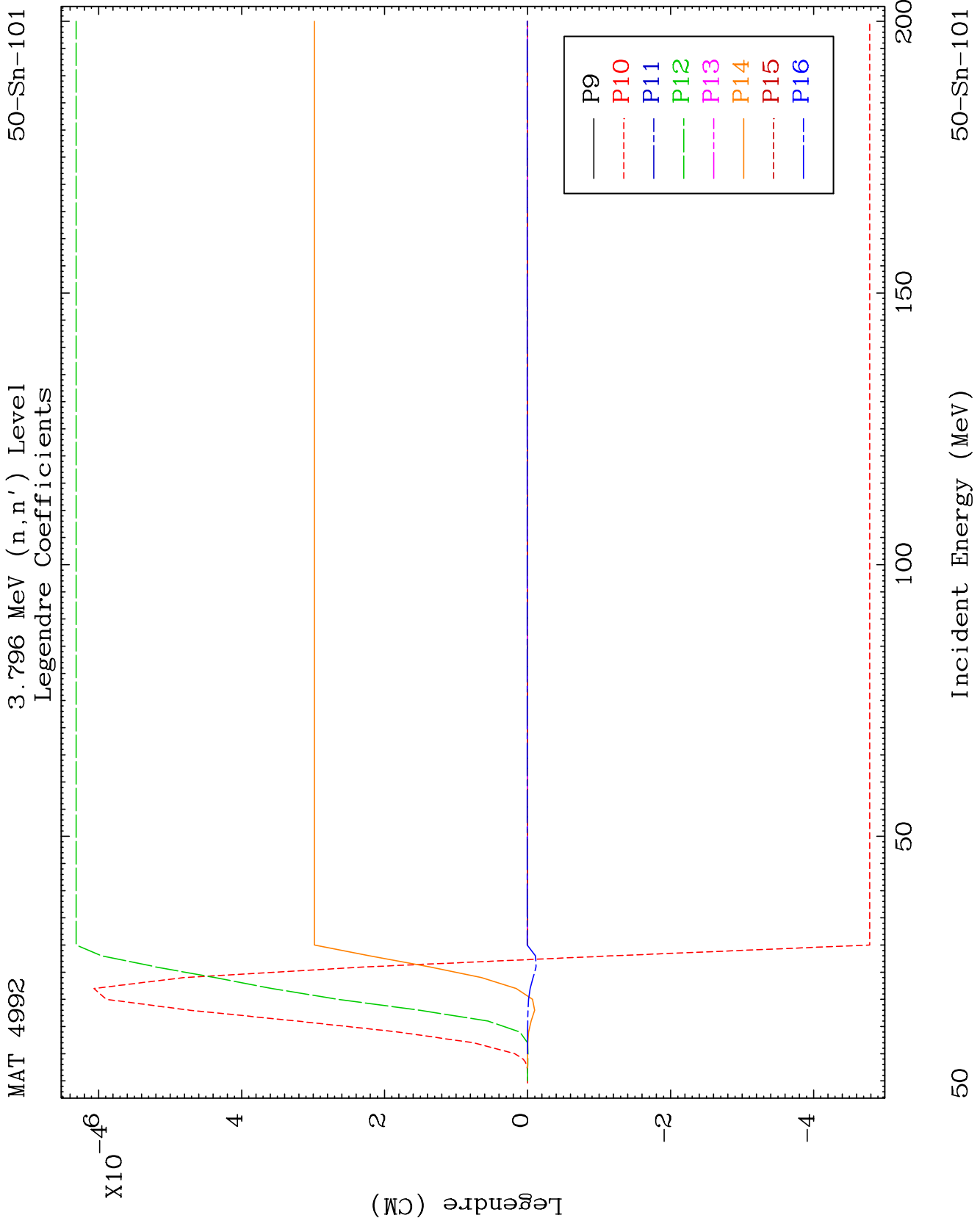


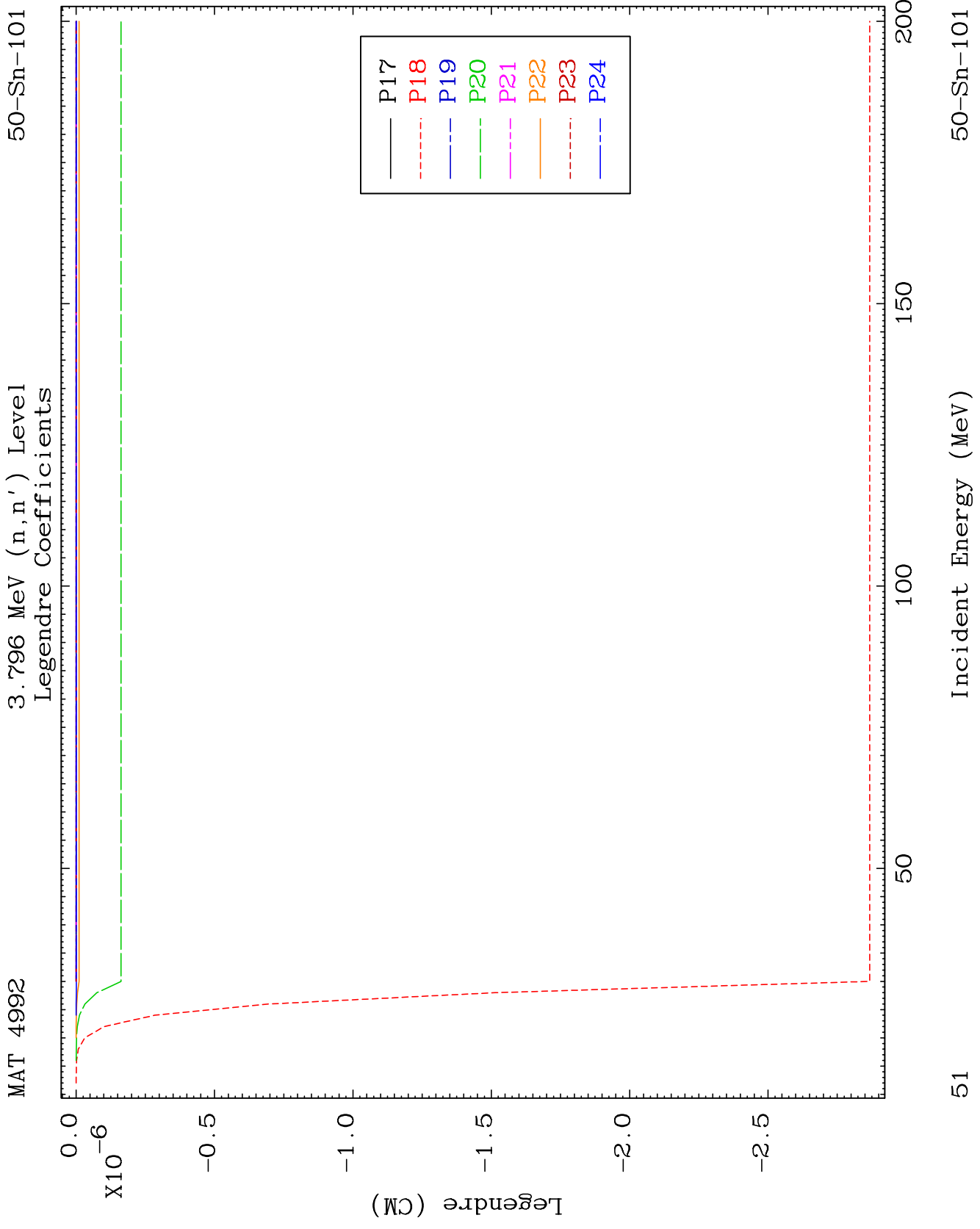


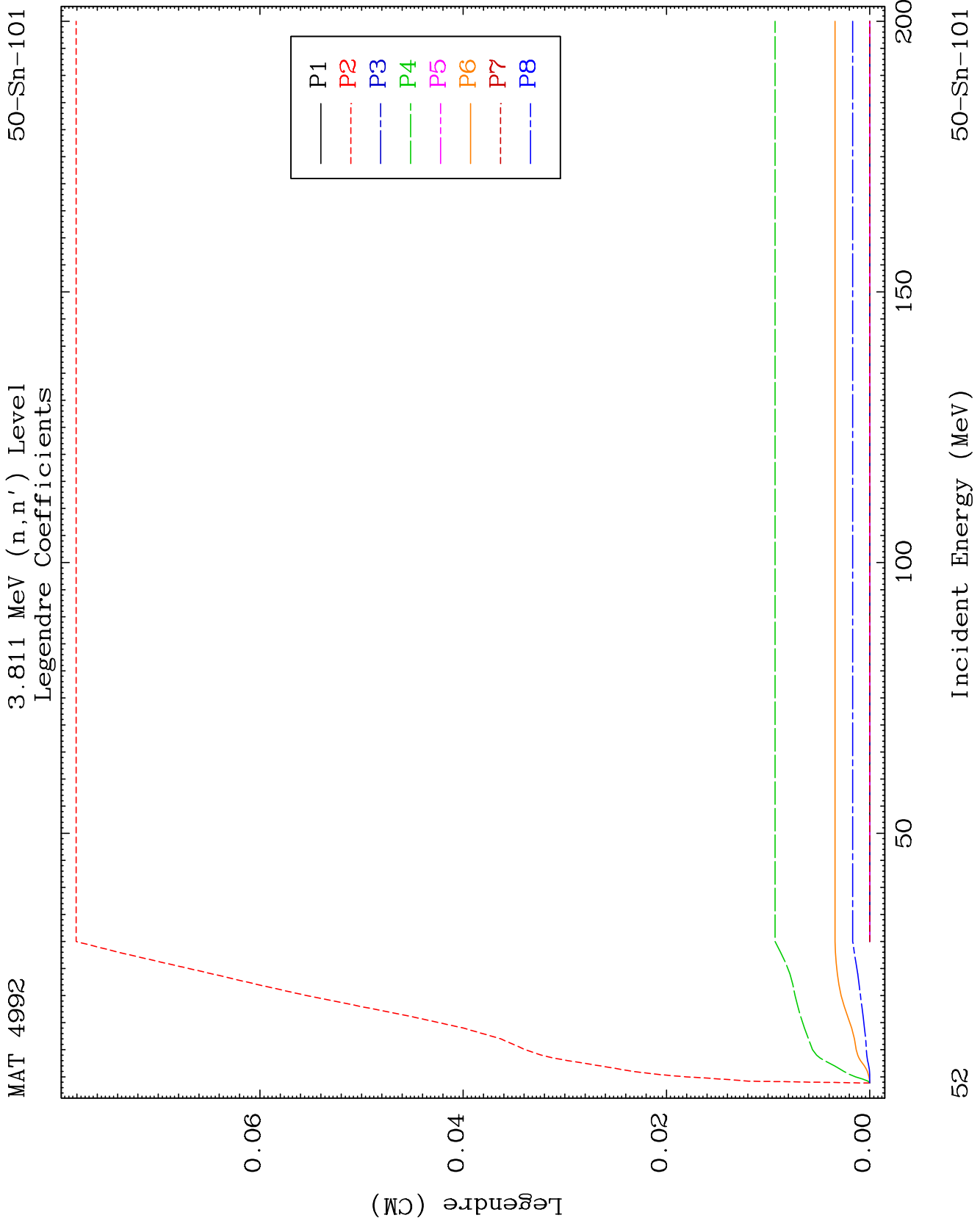


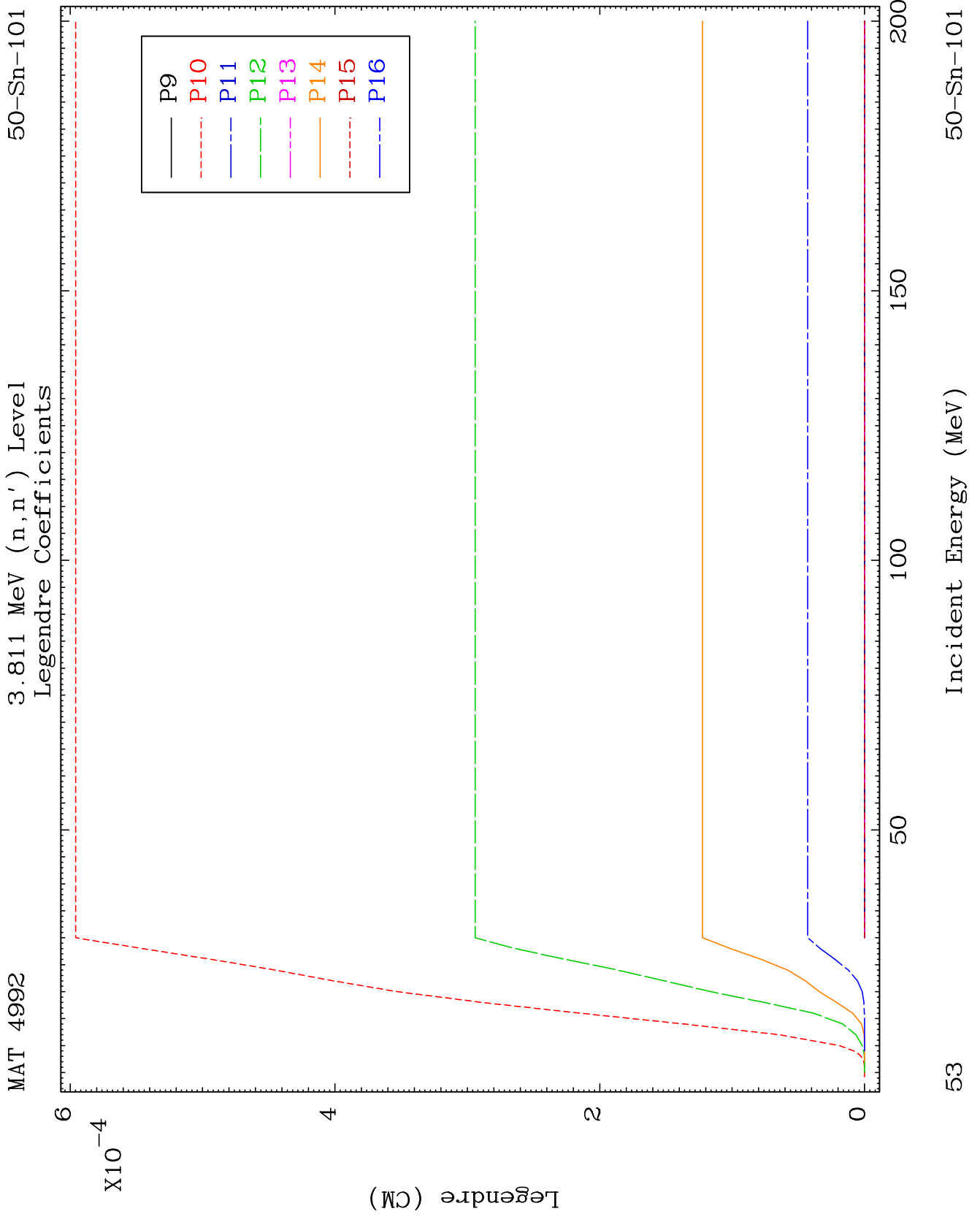


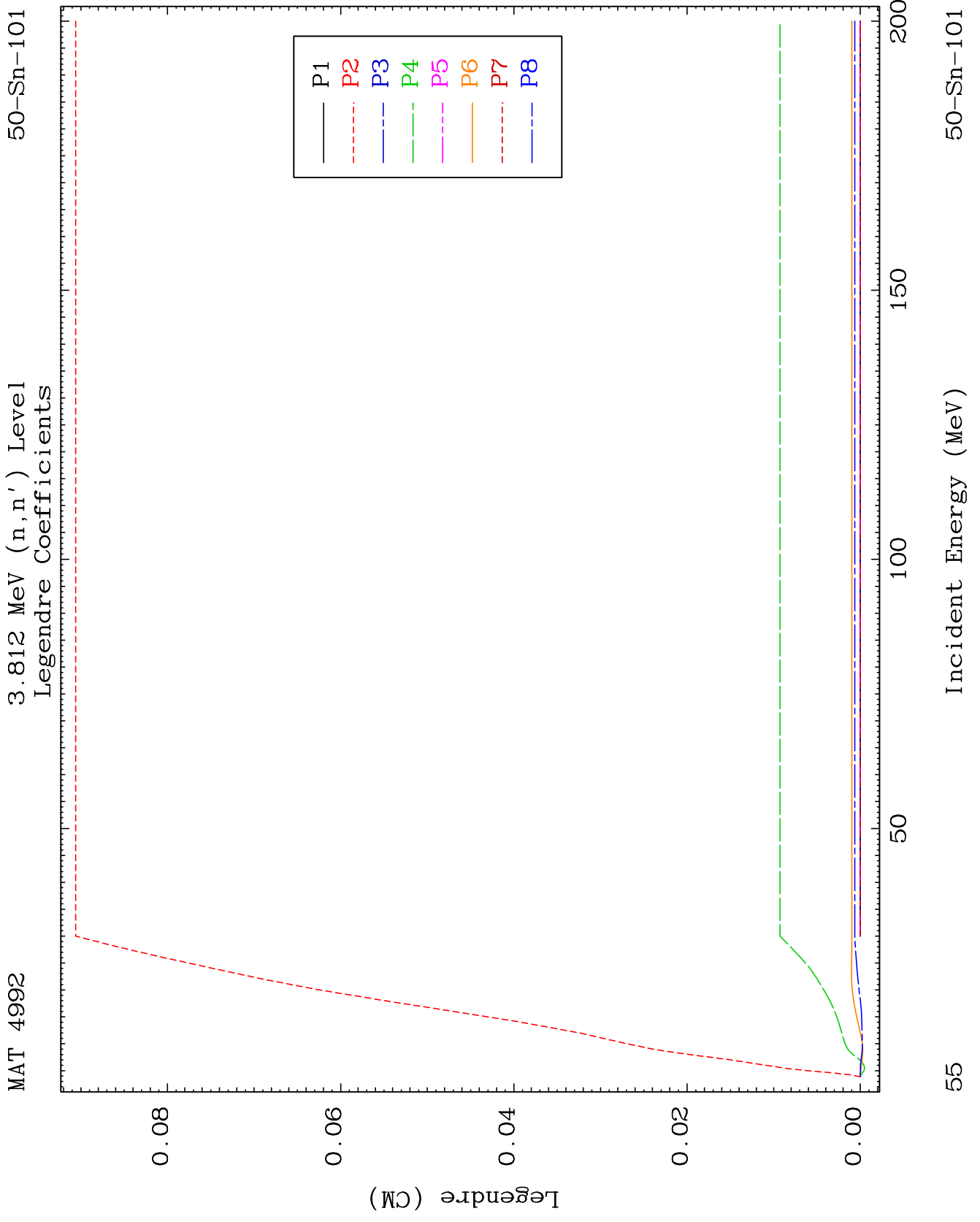


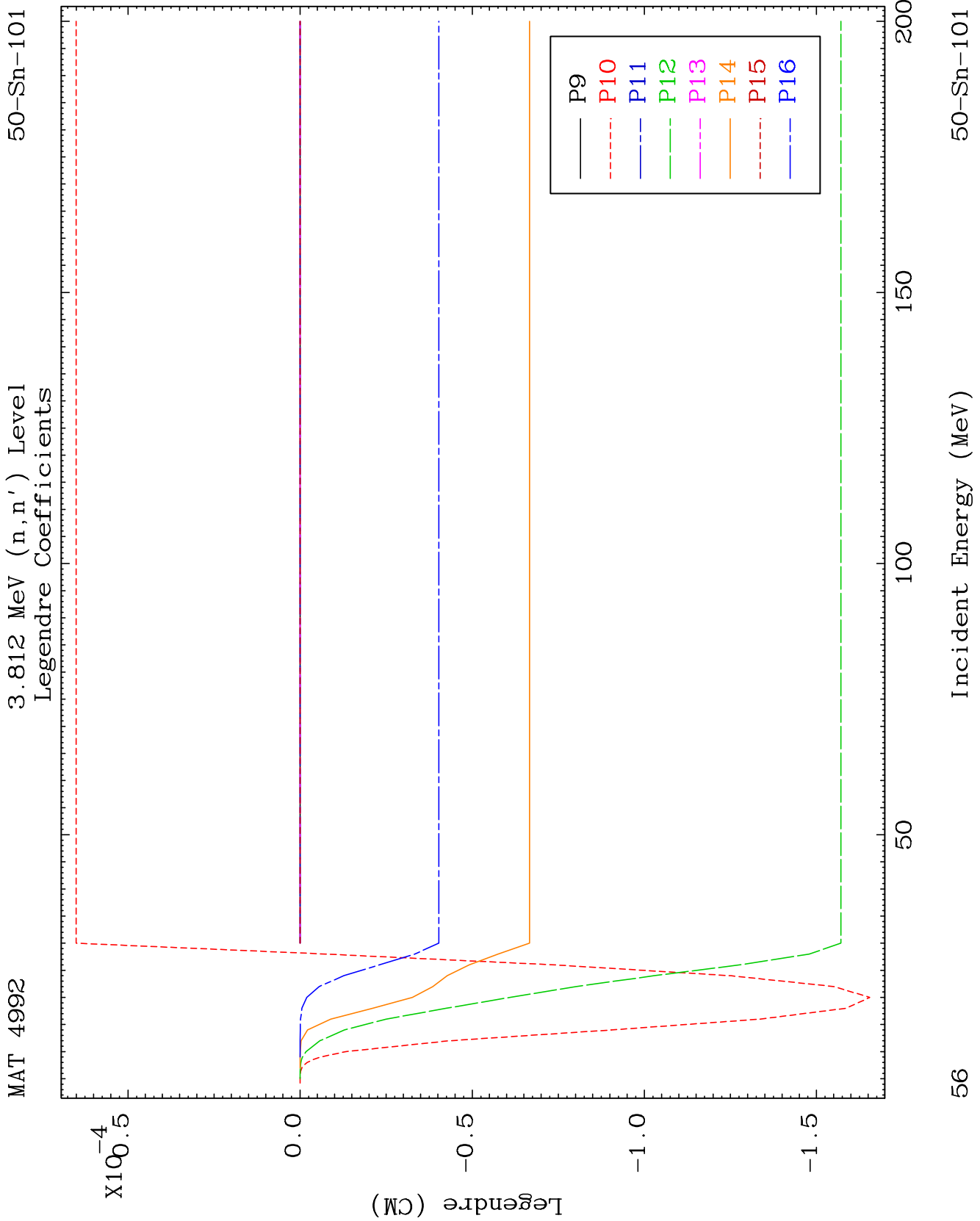


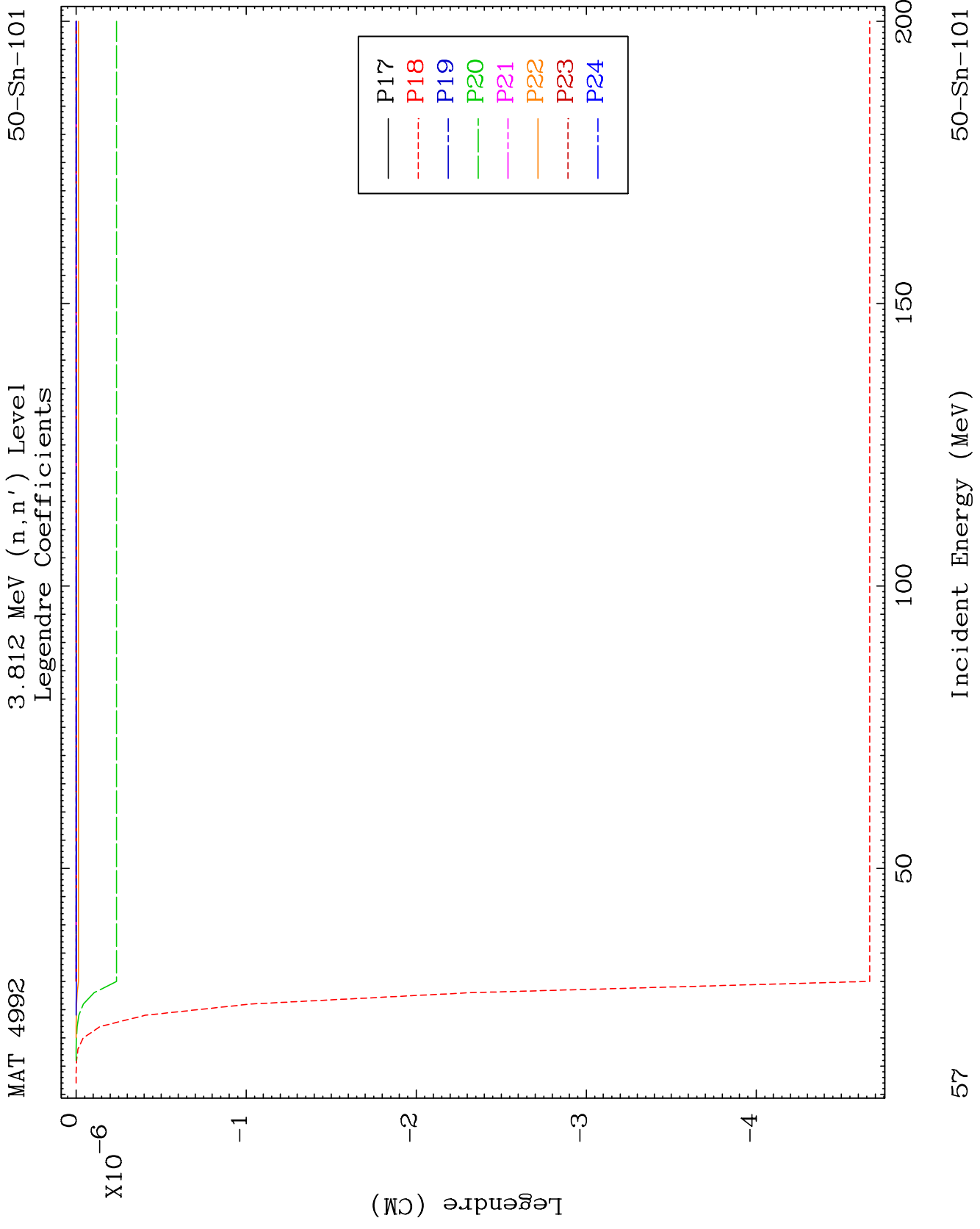








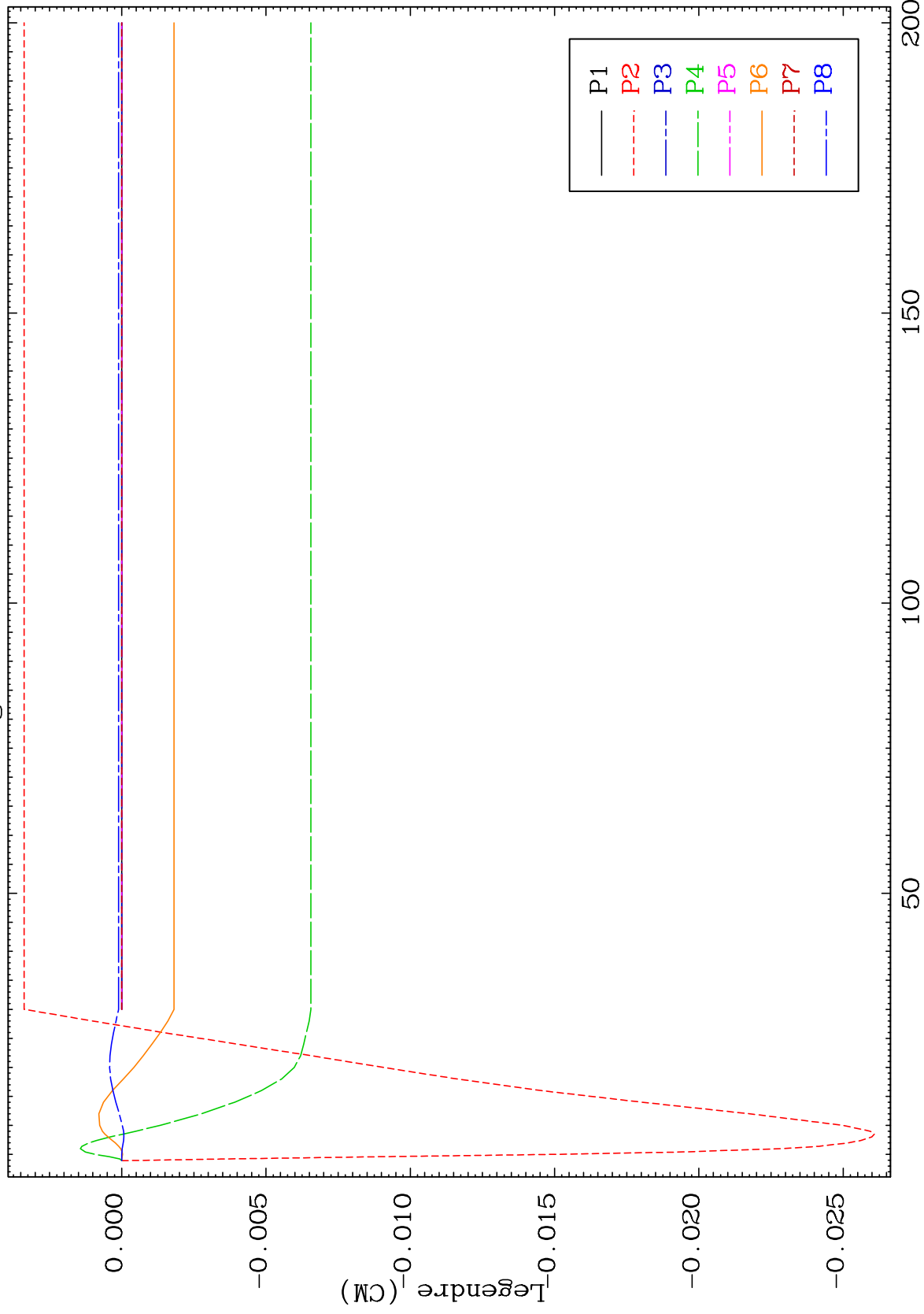




MAT 4992

3.875 MeV (n,n') Level
Legendre Coefficients

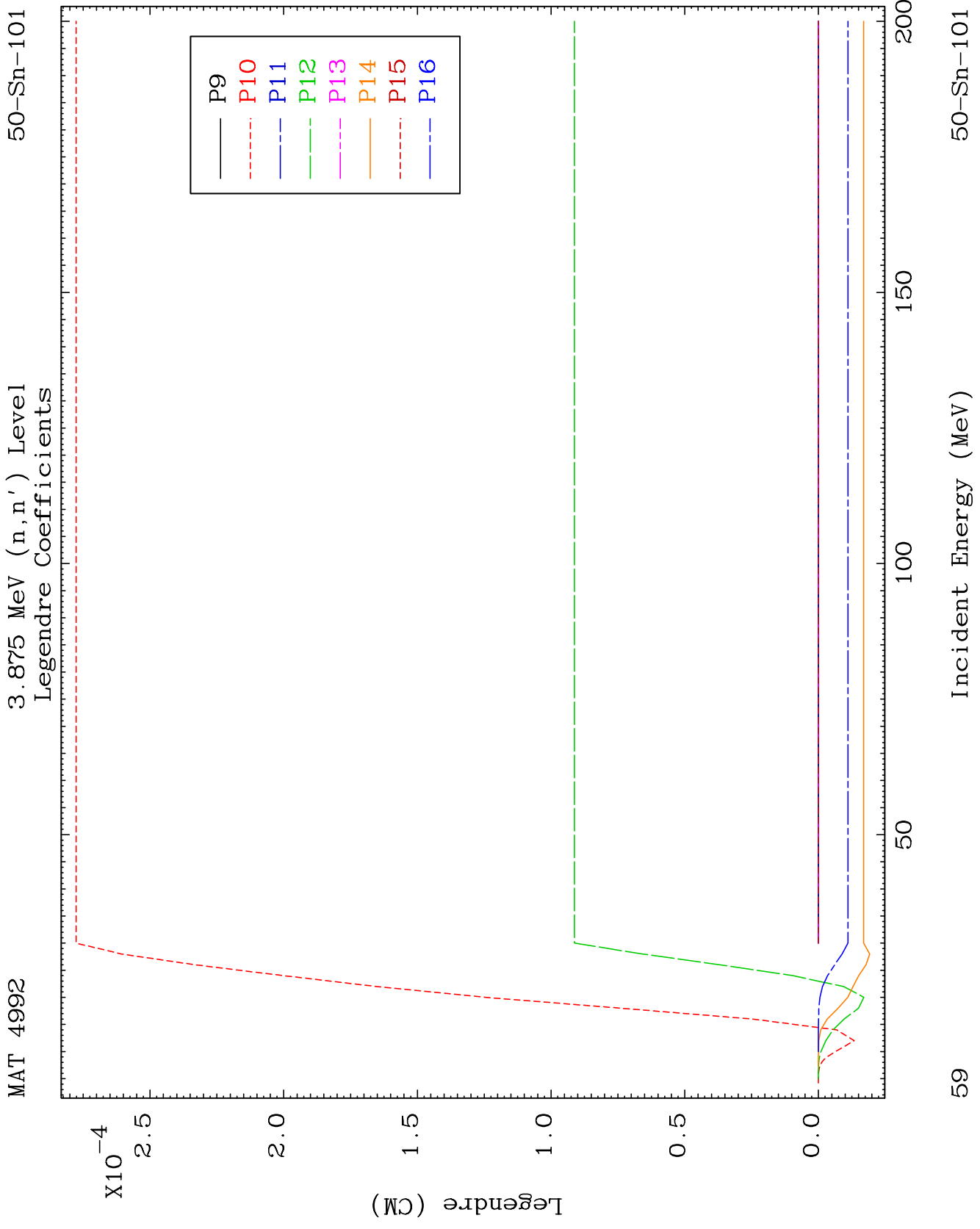
50-Sn-101

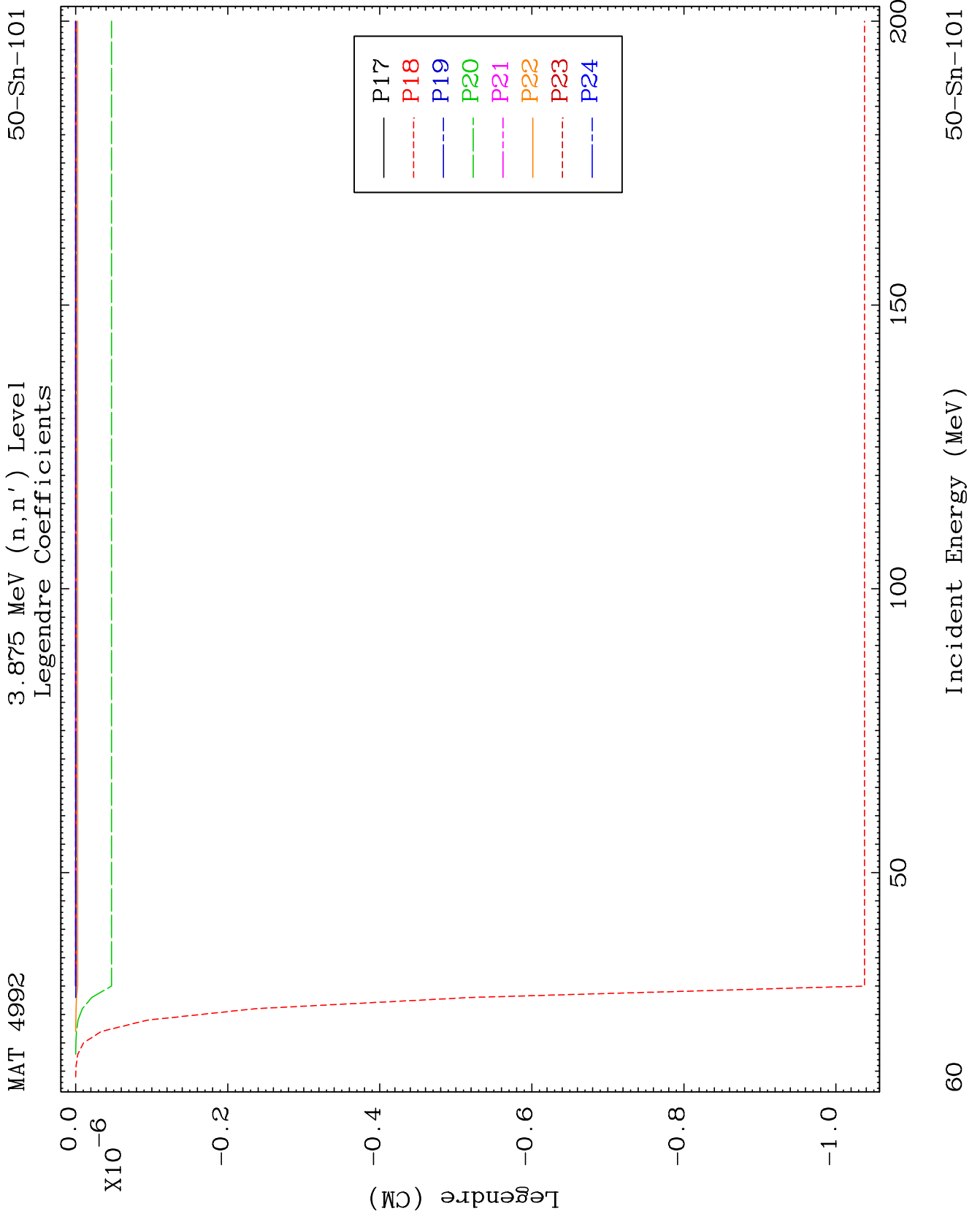


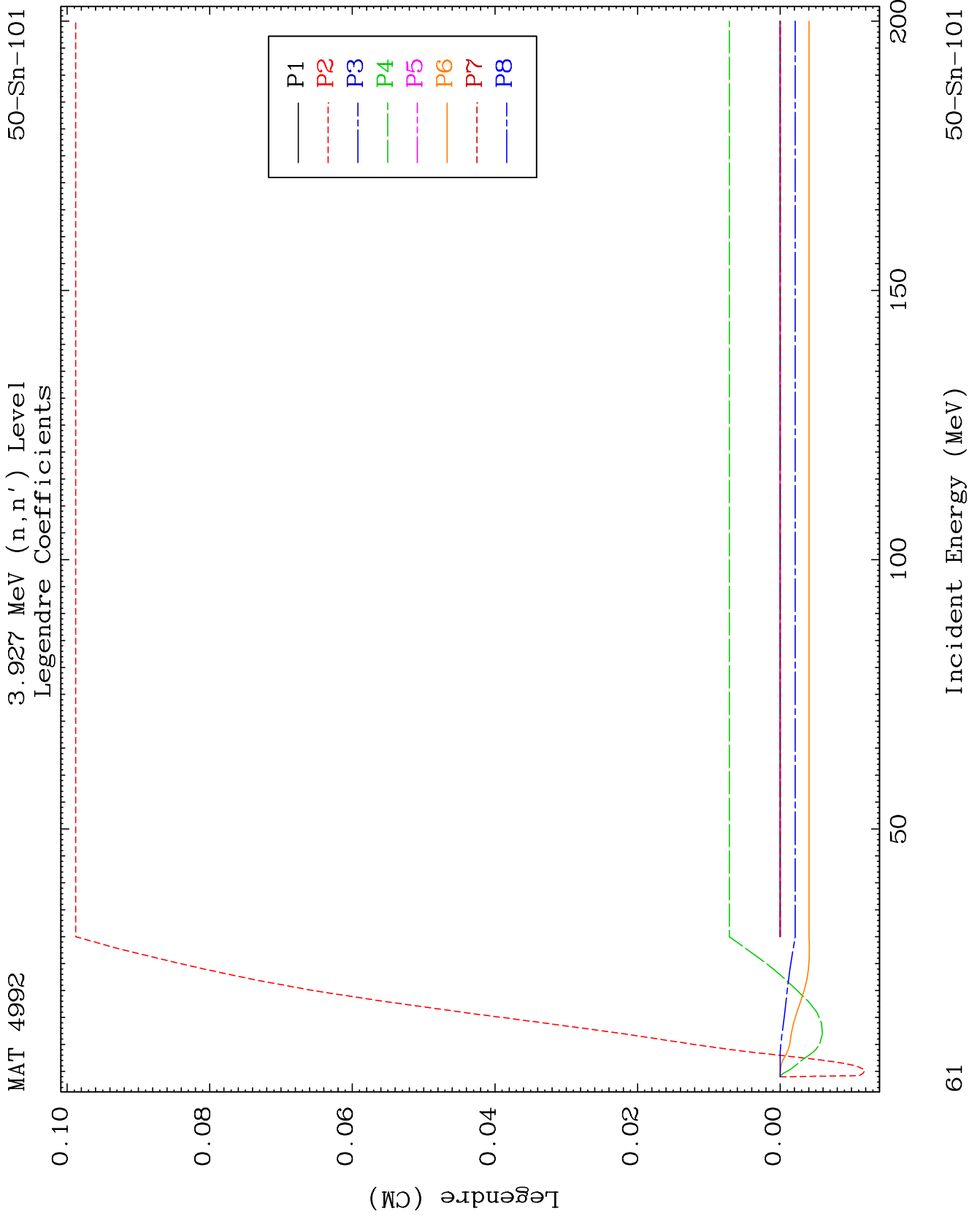
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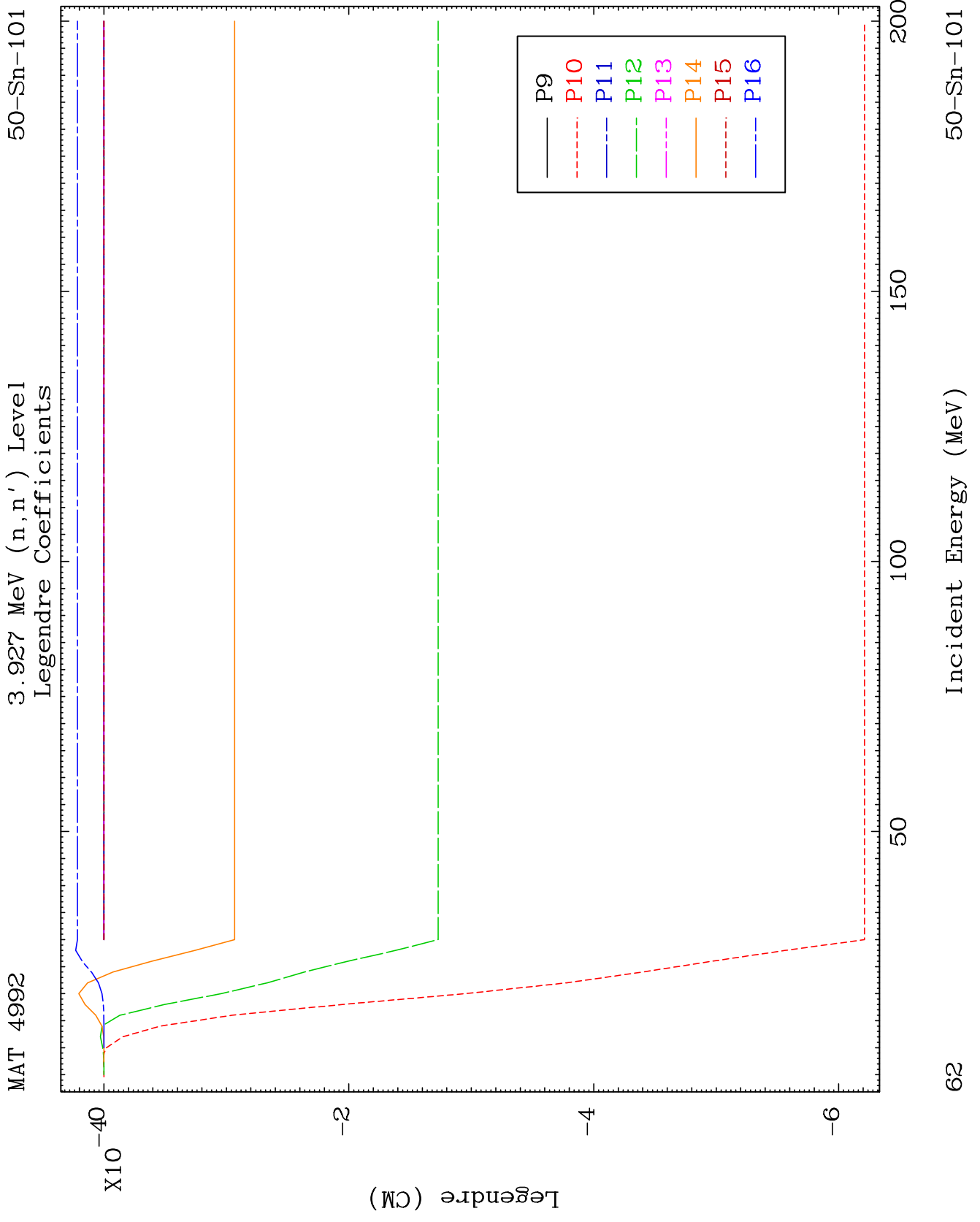
Incident Energy (MeV)

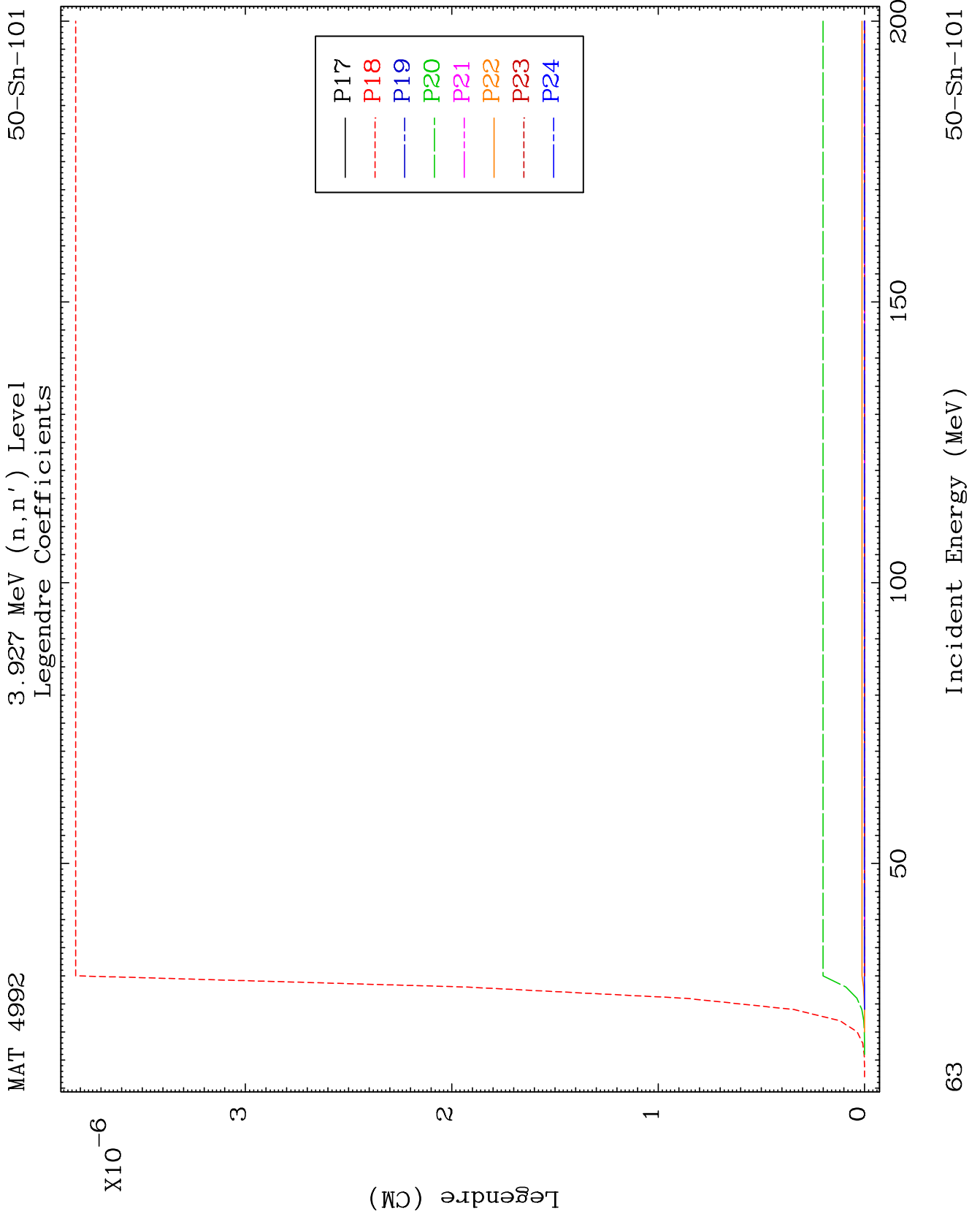
50-Sn-101

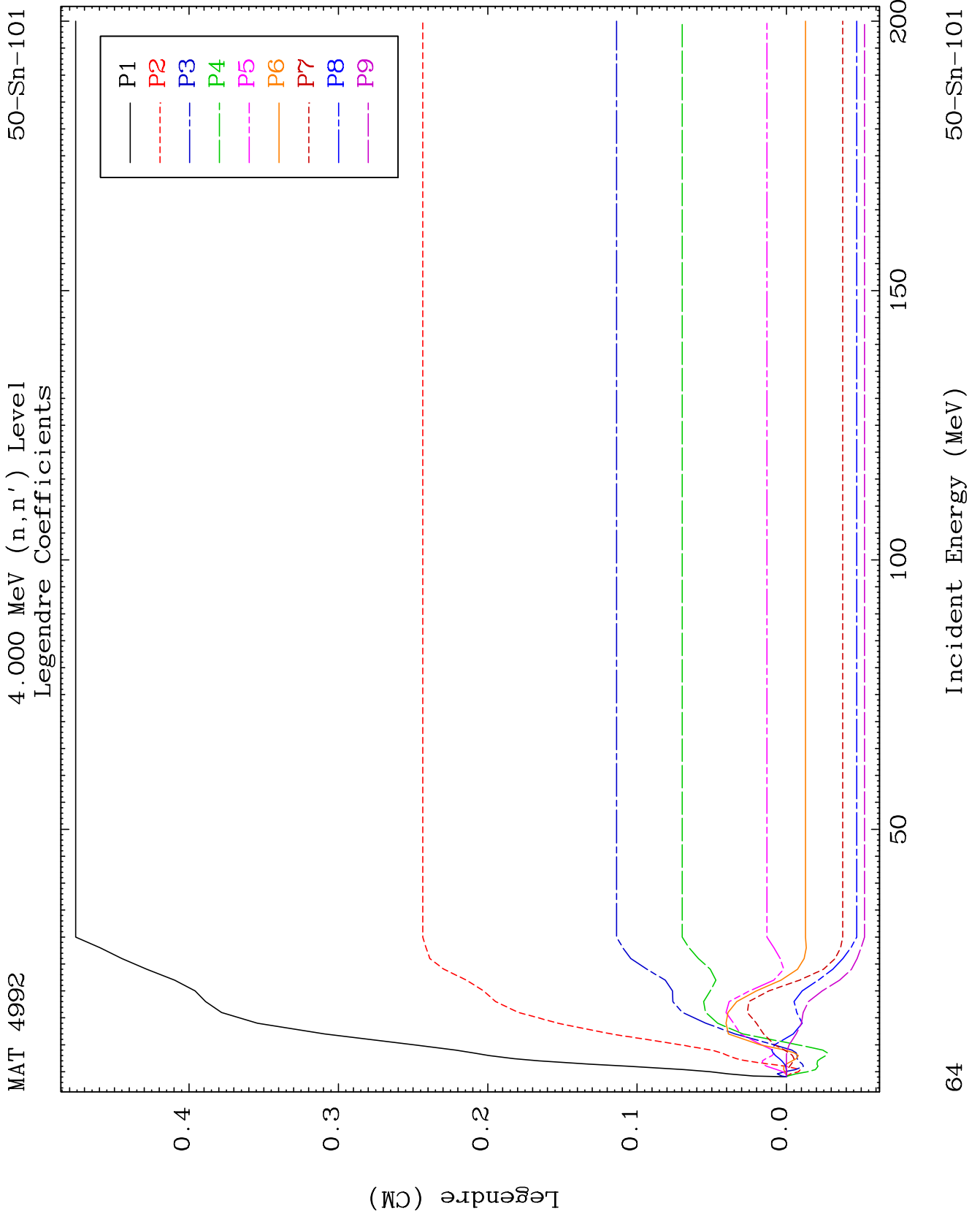


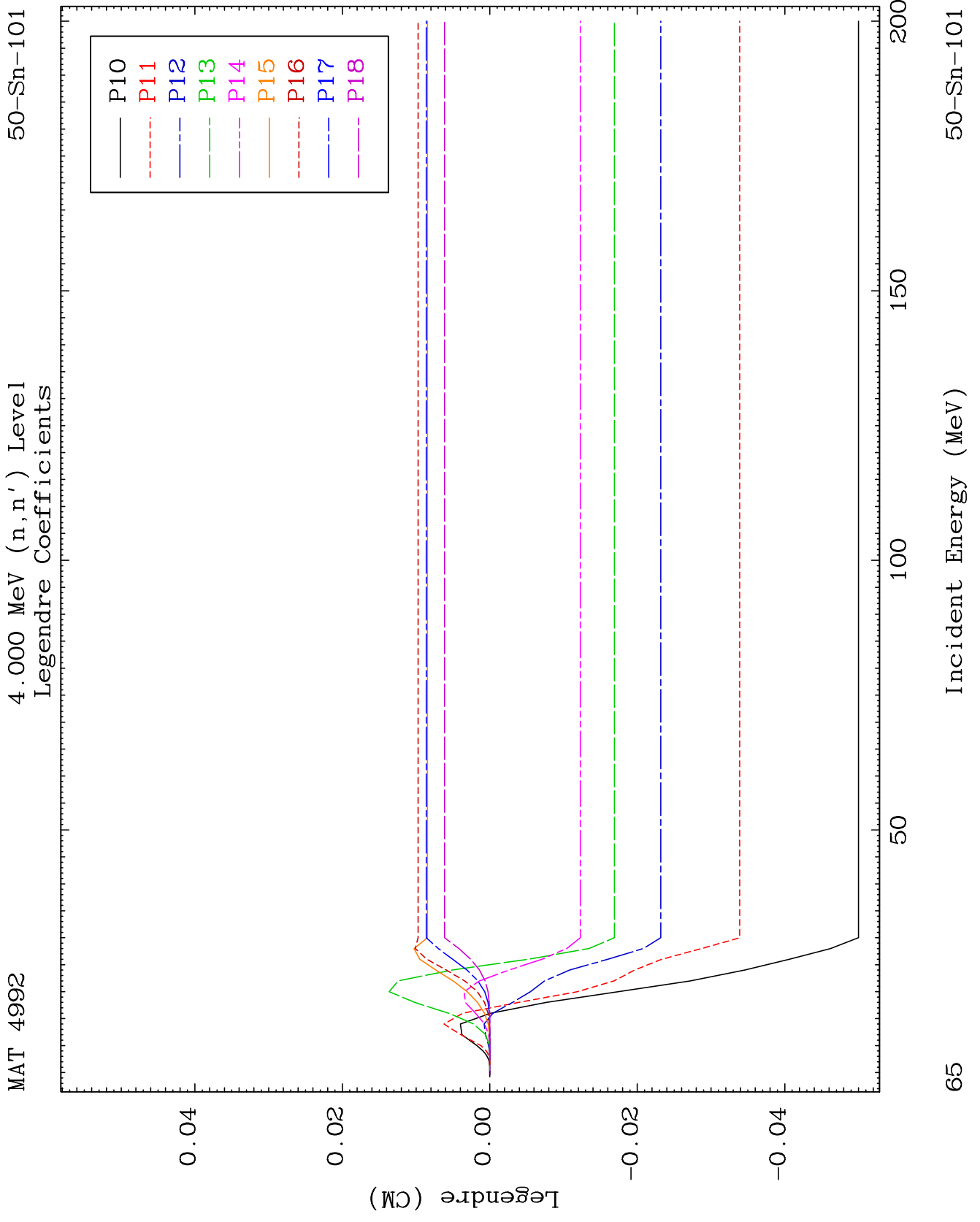


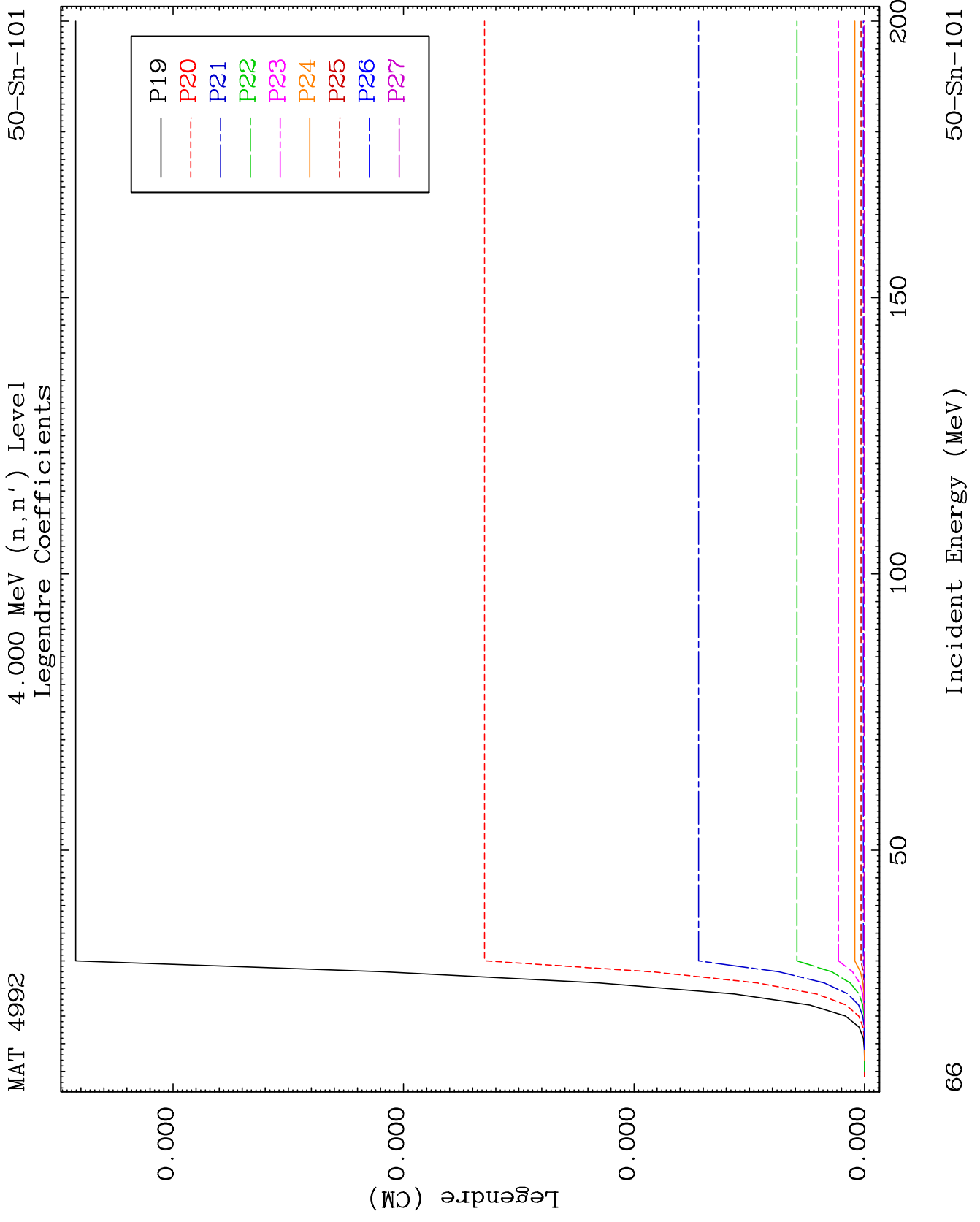


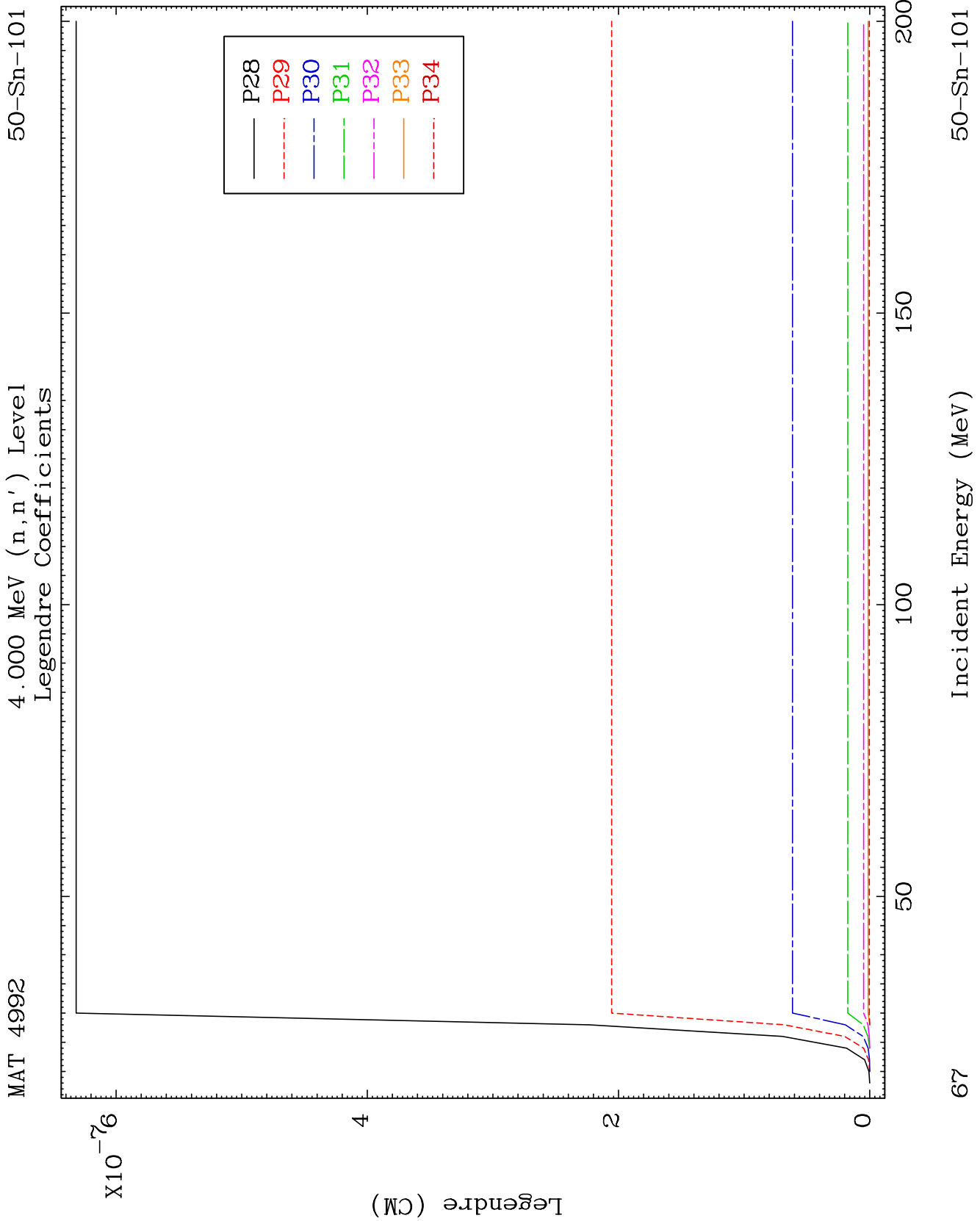










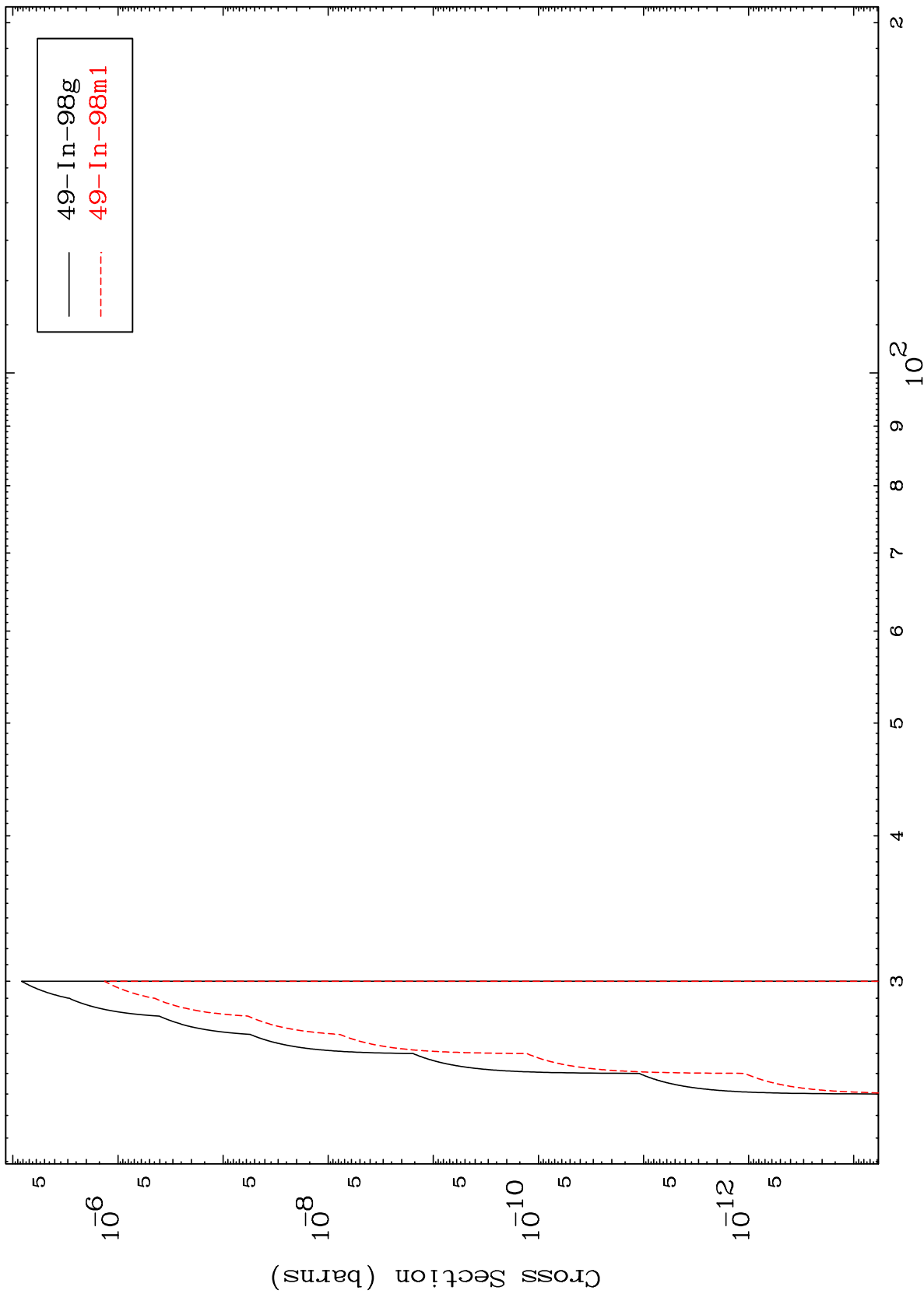


MAT 4992

(n,n') t

50-Sn-101

Radionuclide Production Cross Section



68

Incident Energy (MeV)

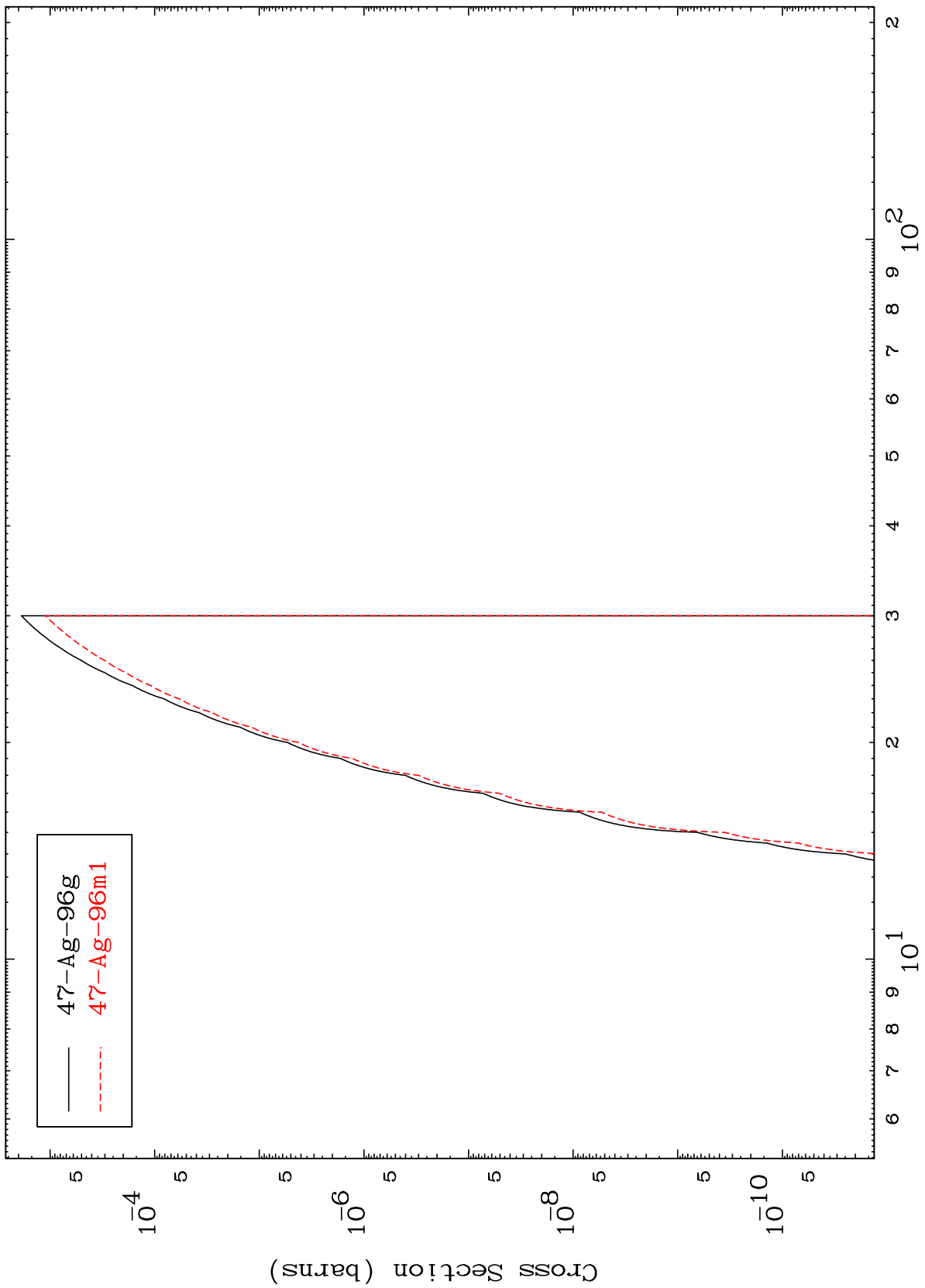
50-Sn-101

MAT 4992

(n,n') p α

50-Sn-101

Radionuclide Production Cross Section



69

Incident Energy (MeV)

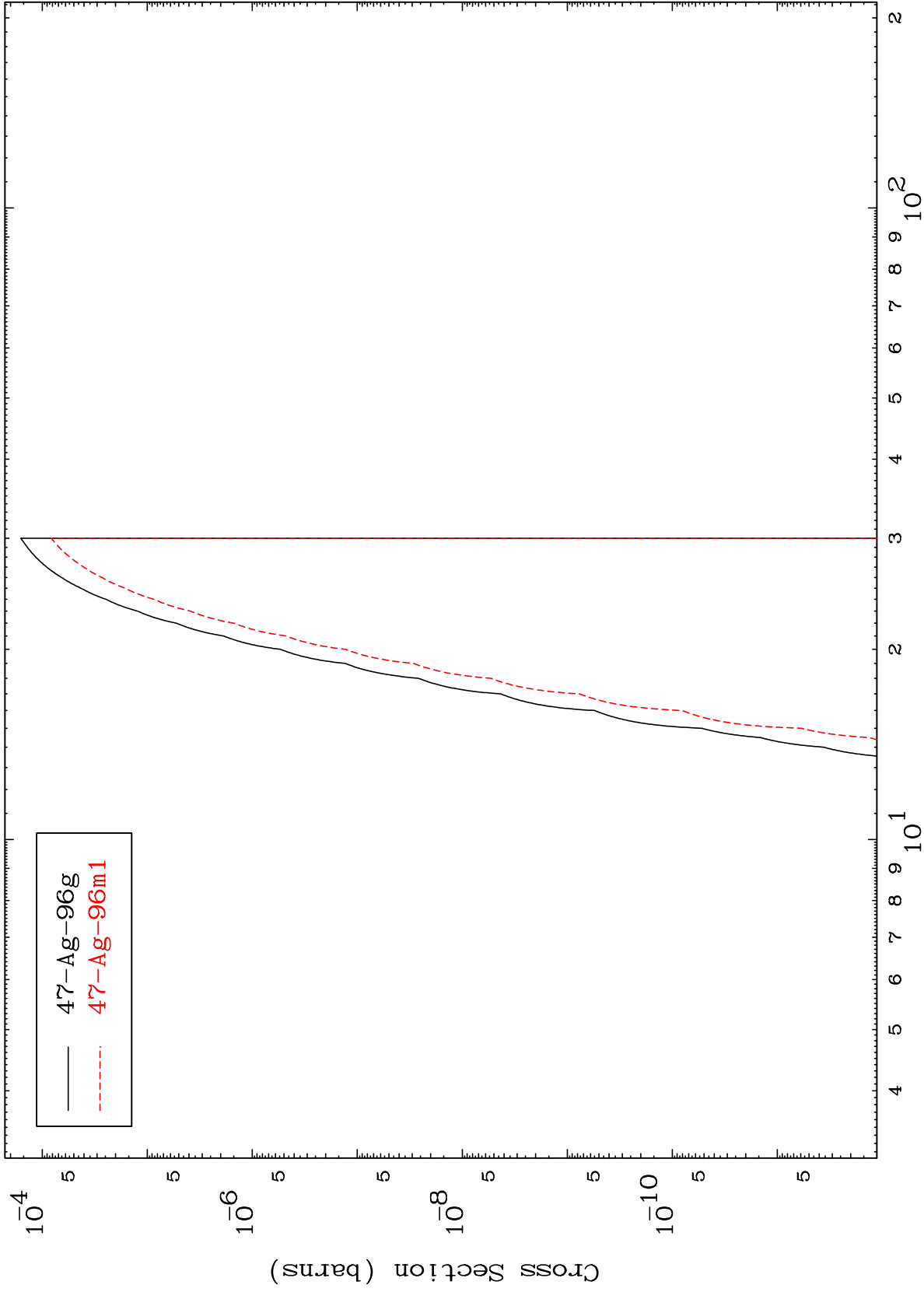
50-Sn-101

MAT 4992

50-Sn-101

(n,d) α

Radionuclide Production Cross Section



70

Incident Energy (MeV)

50-Sn-101