

Program EVALPLOT
(Version 2015-2)

by

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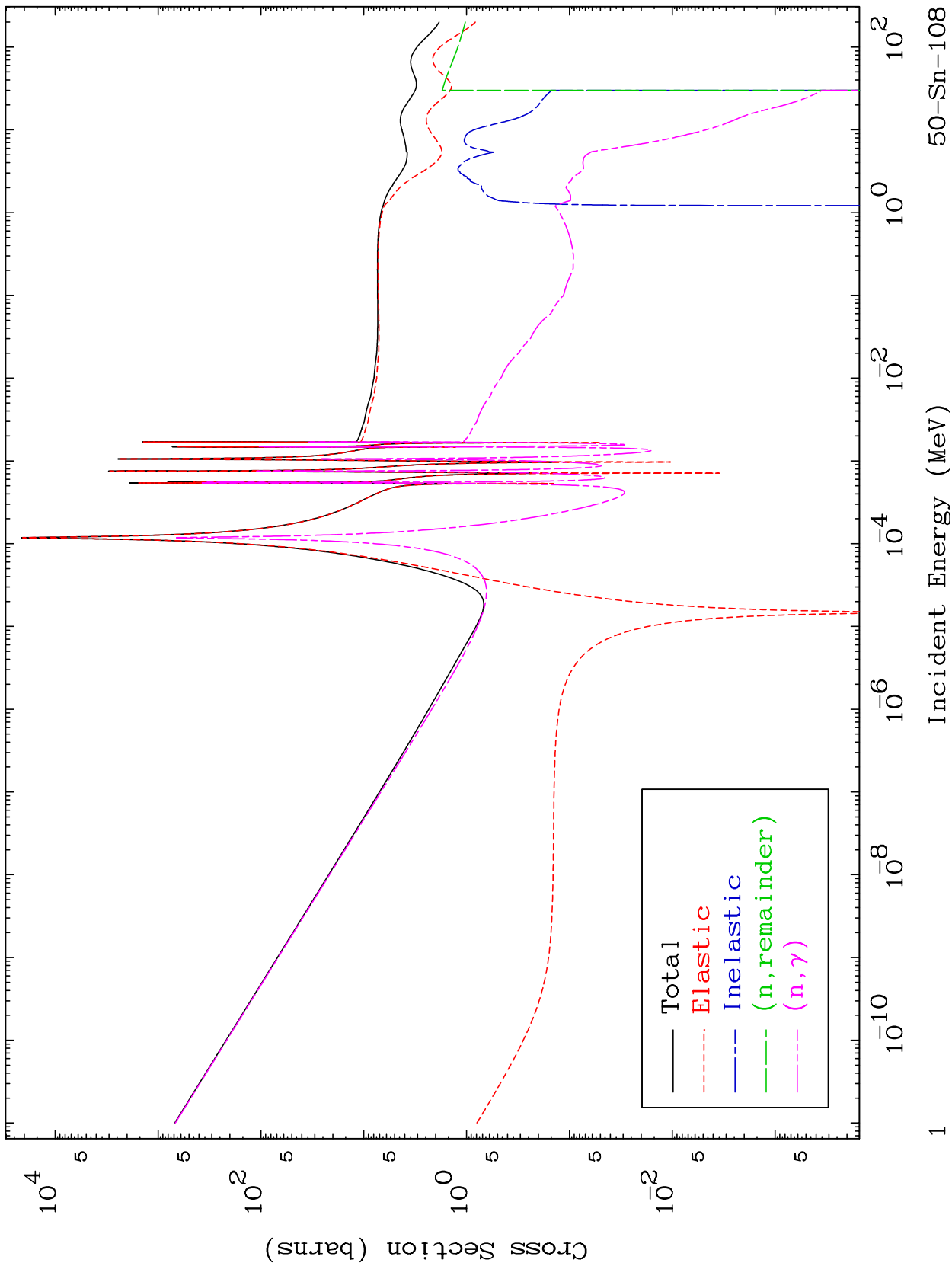
Press Mouse Button to Start

MAT 5013

Major

293 Kelvin Cross Sections

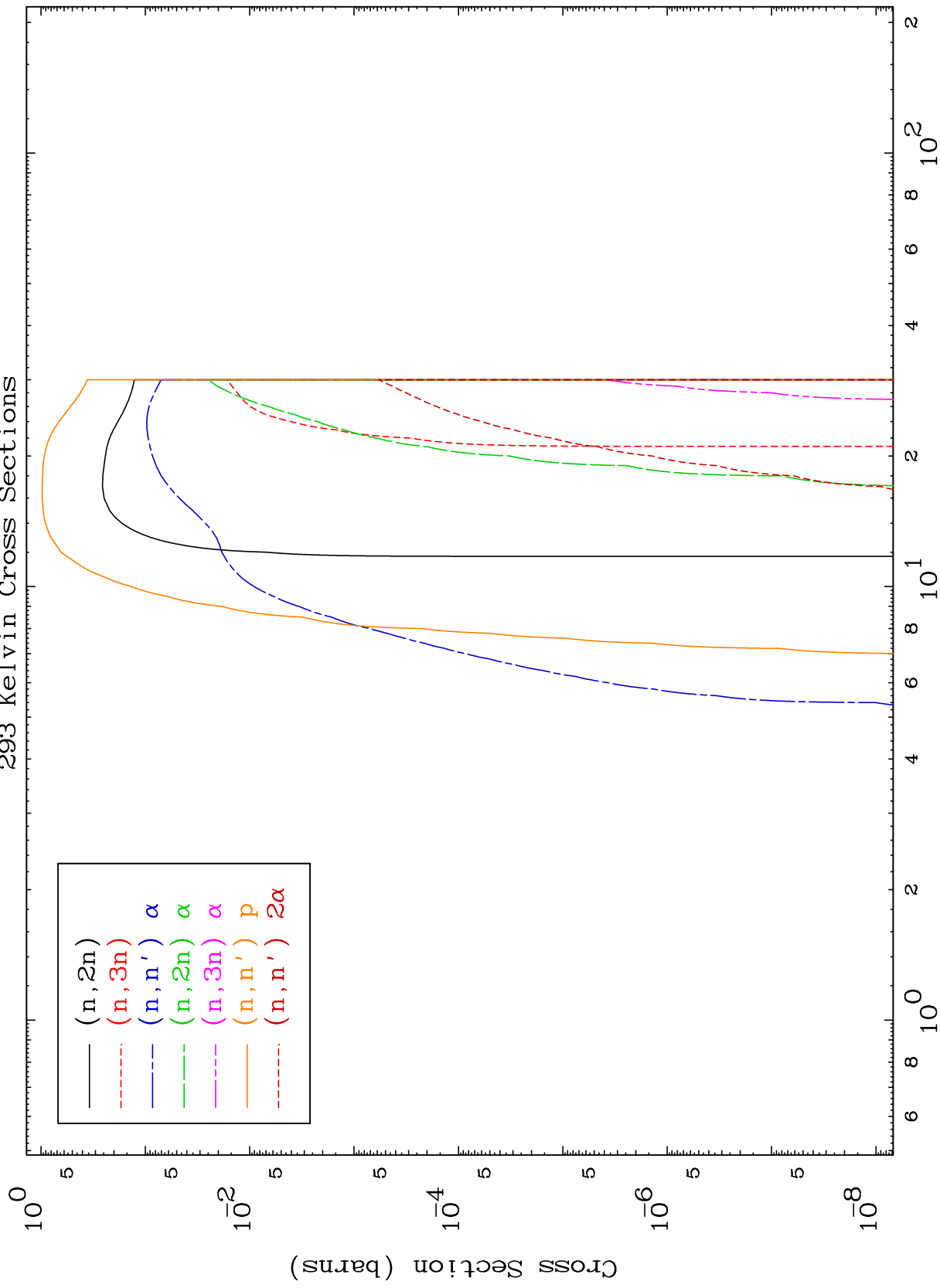
50-Sn-108



MAT 5013

Neutron Production
293 Kelvin Cross Sections

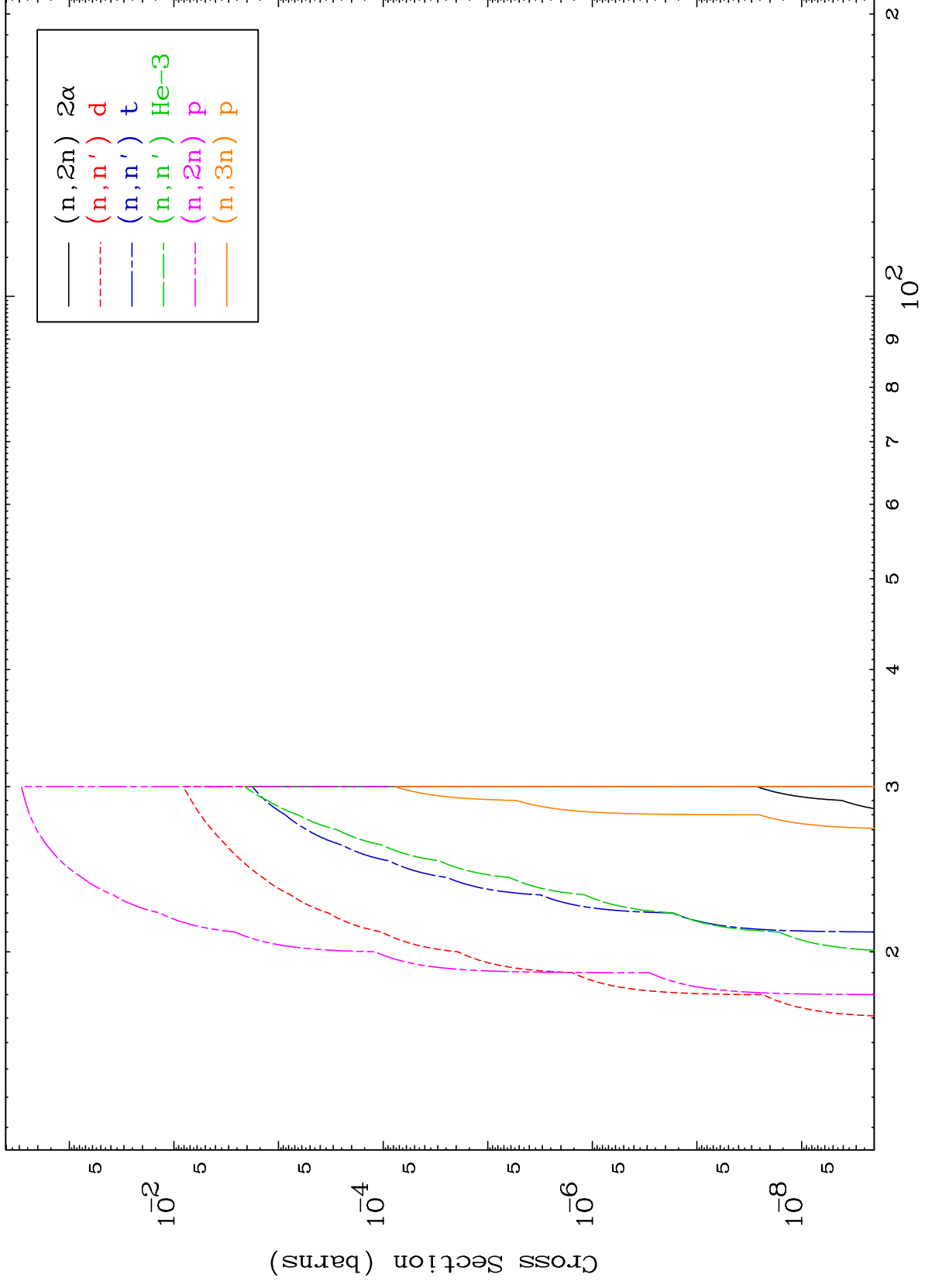
50-Sn-108

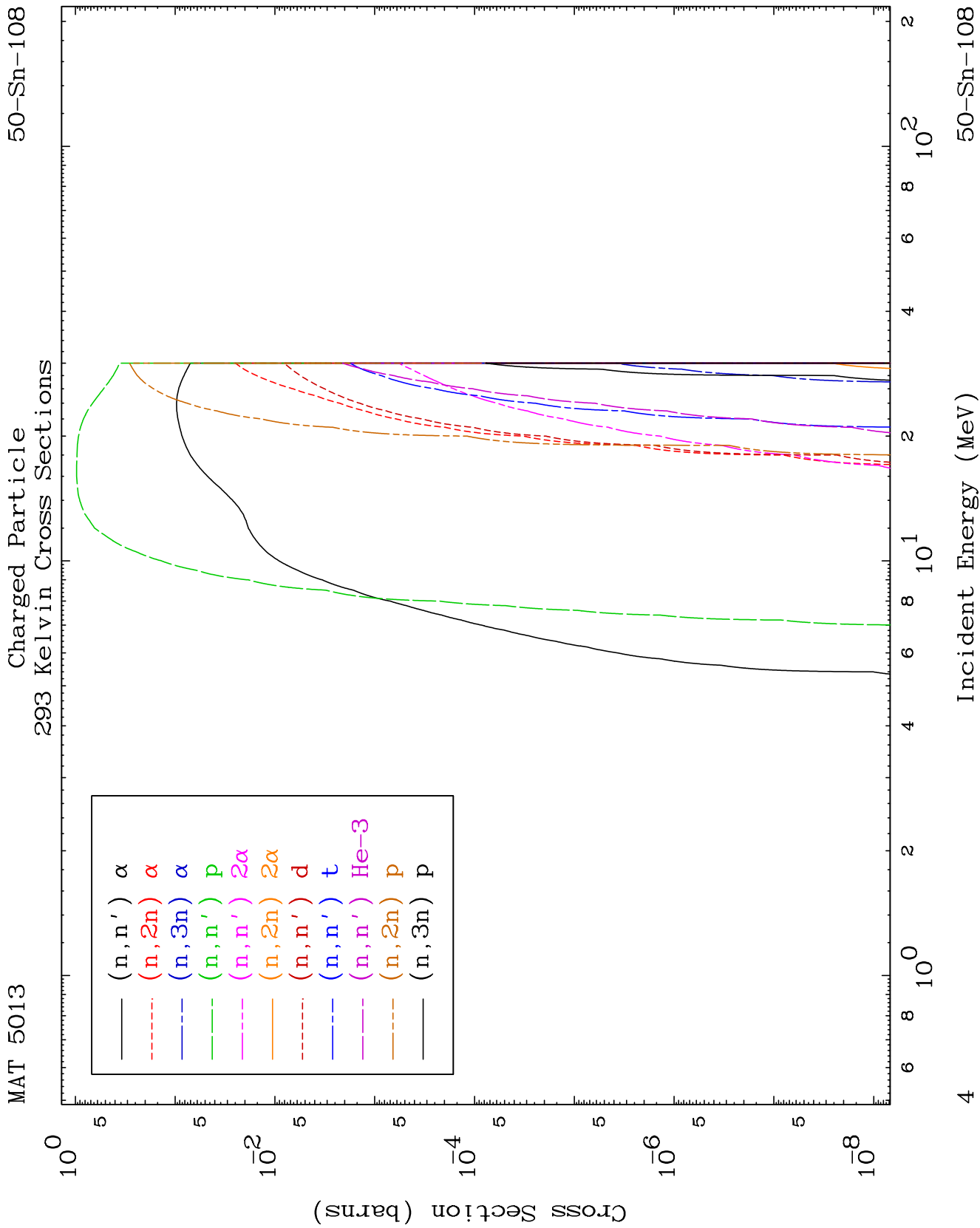


2

Incident Energy (MeV)

50-Sn-108

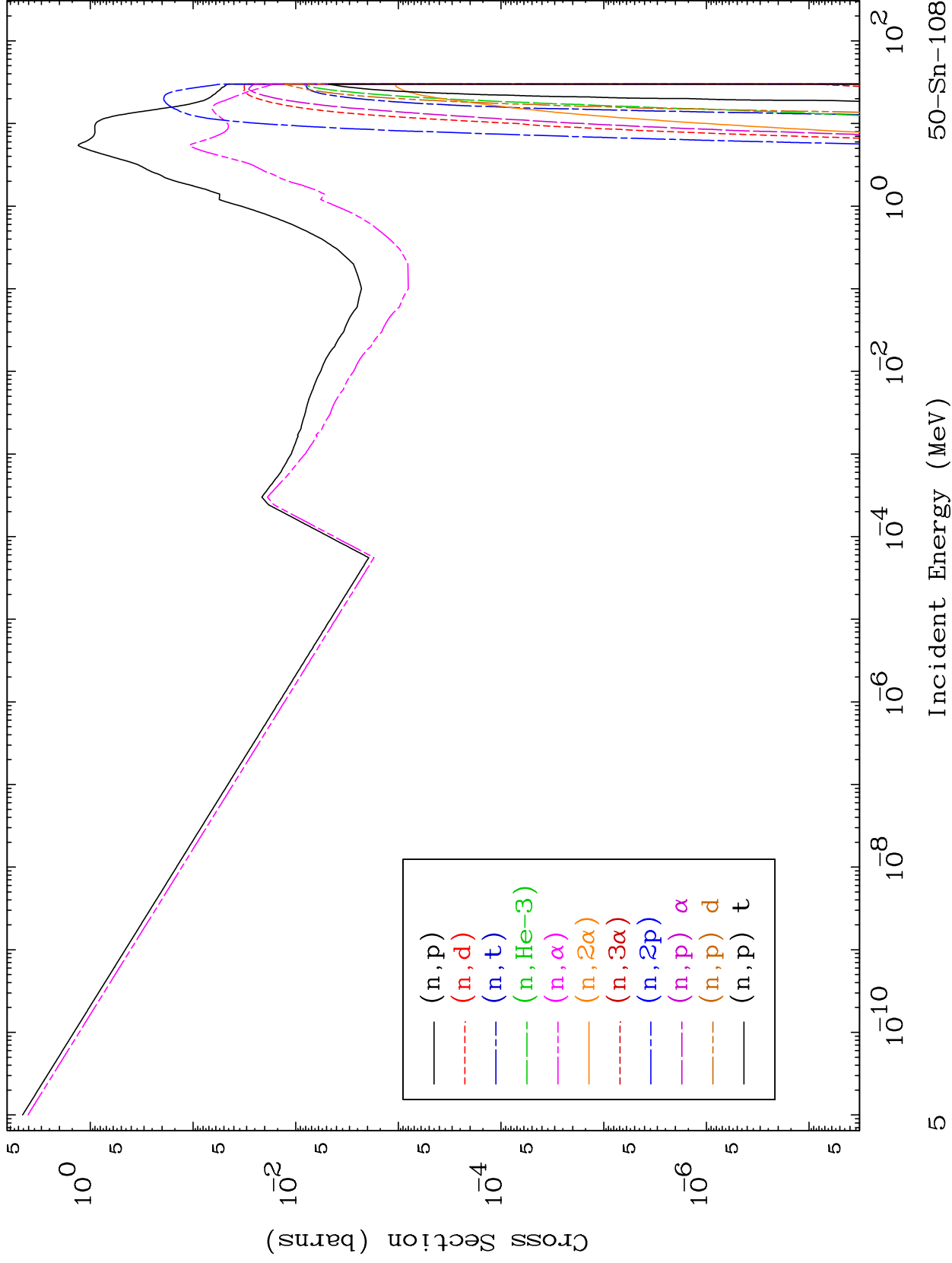




MAT 5013

Charged Particle
293 Kelvin Cross Sections

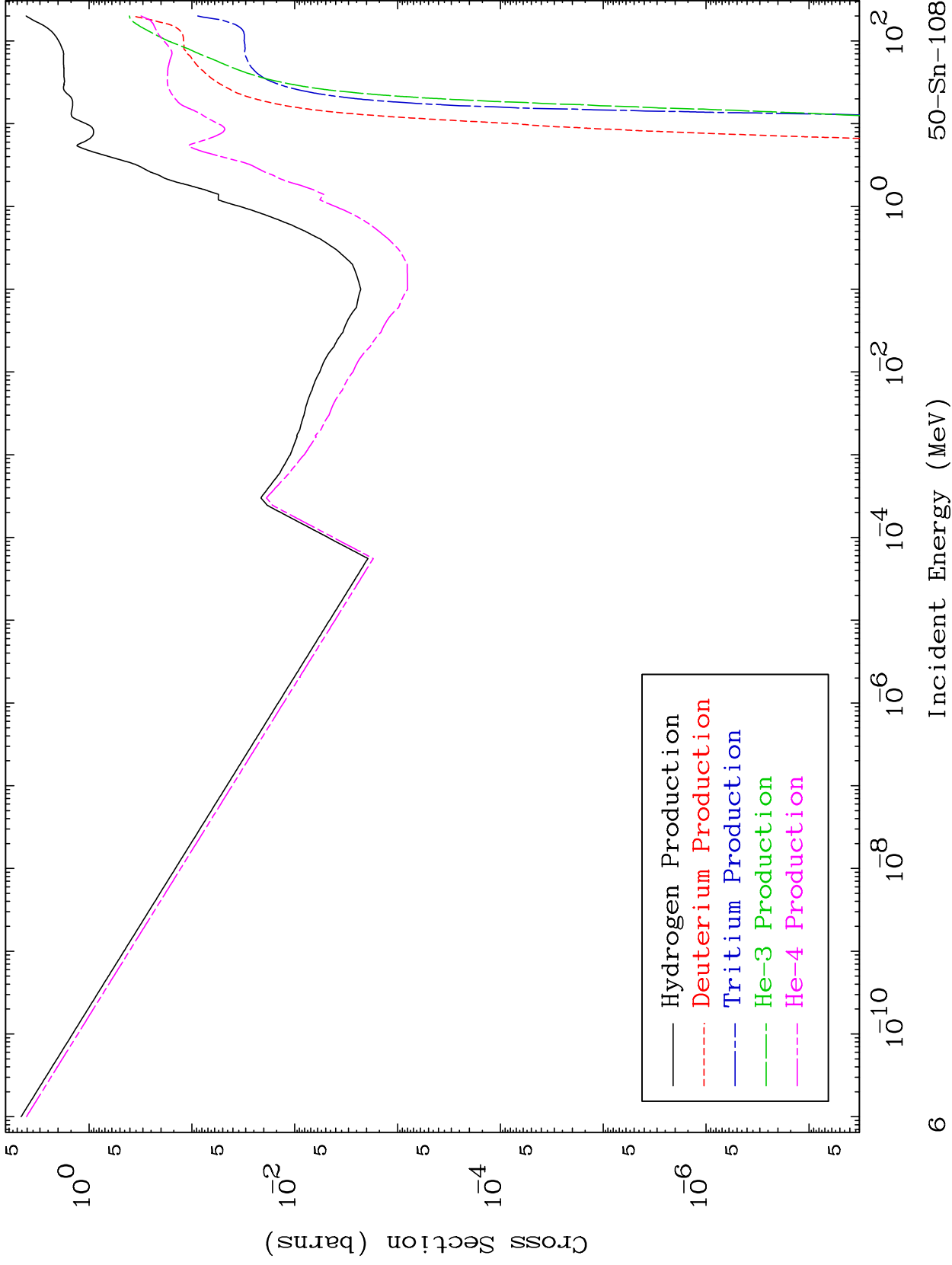
50-Sn-108



MAT 5013

Particle Production
293 Kelvin Cross Sections

50-Sn-108

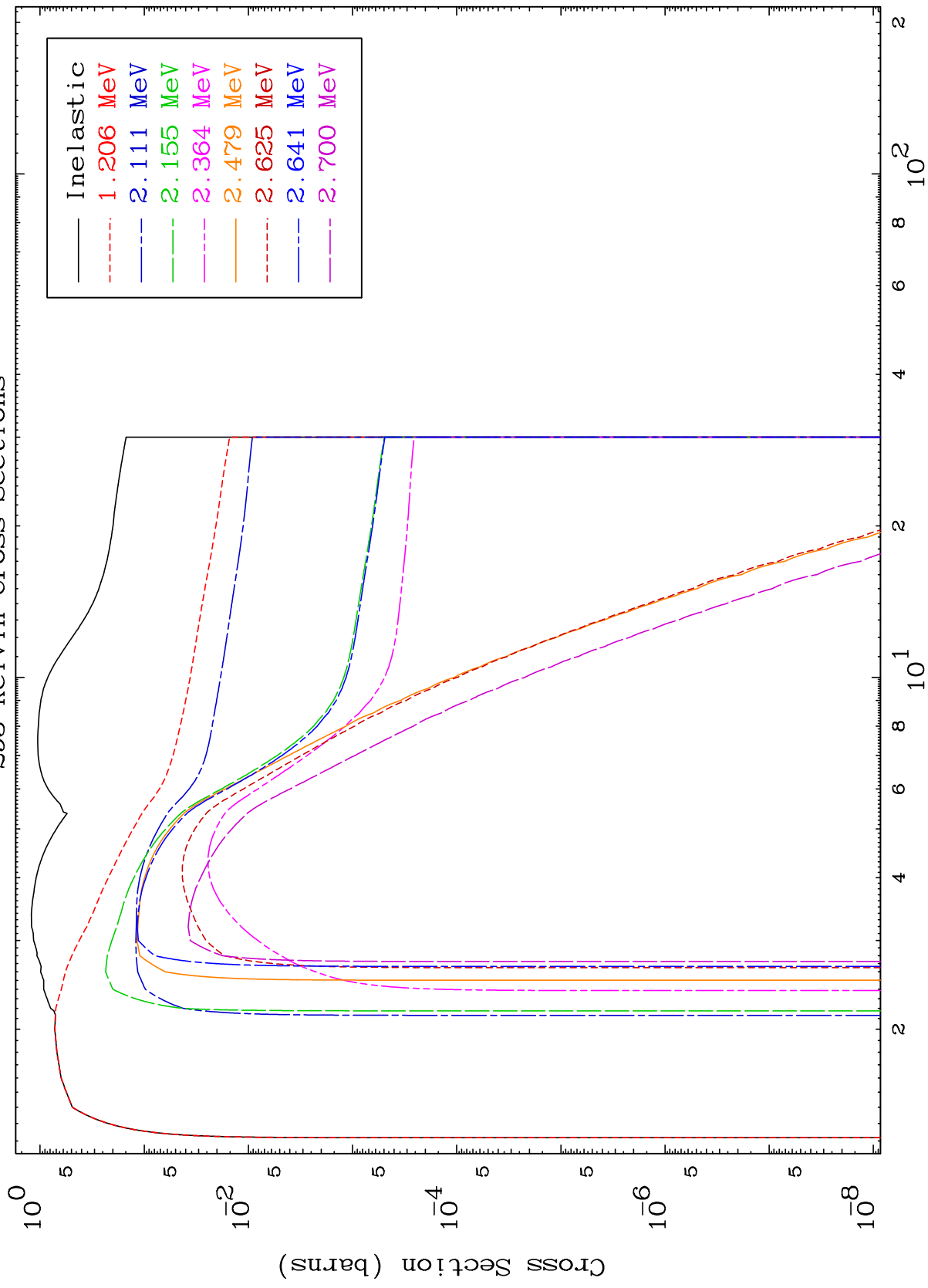


MAT 5013

(n,n') Level

50-Sn-108

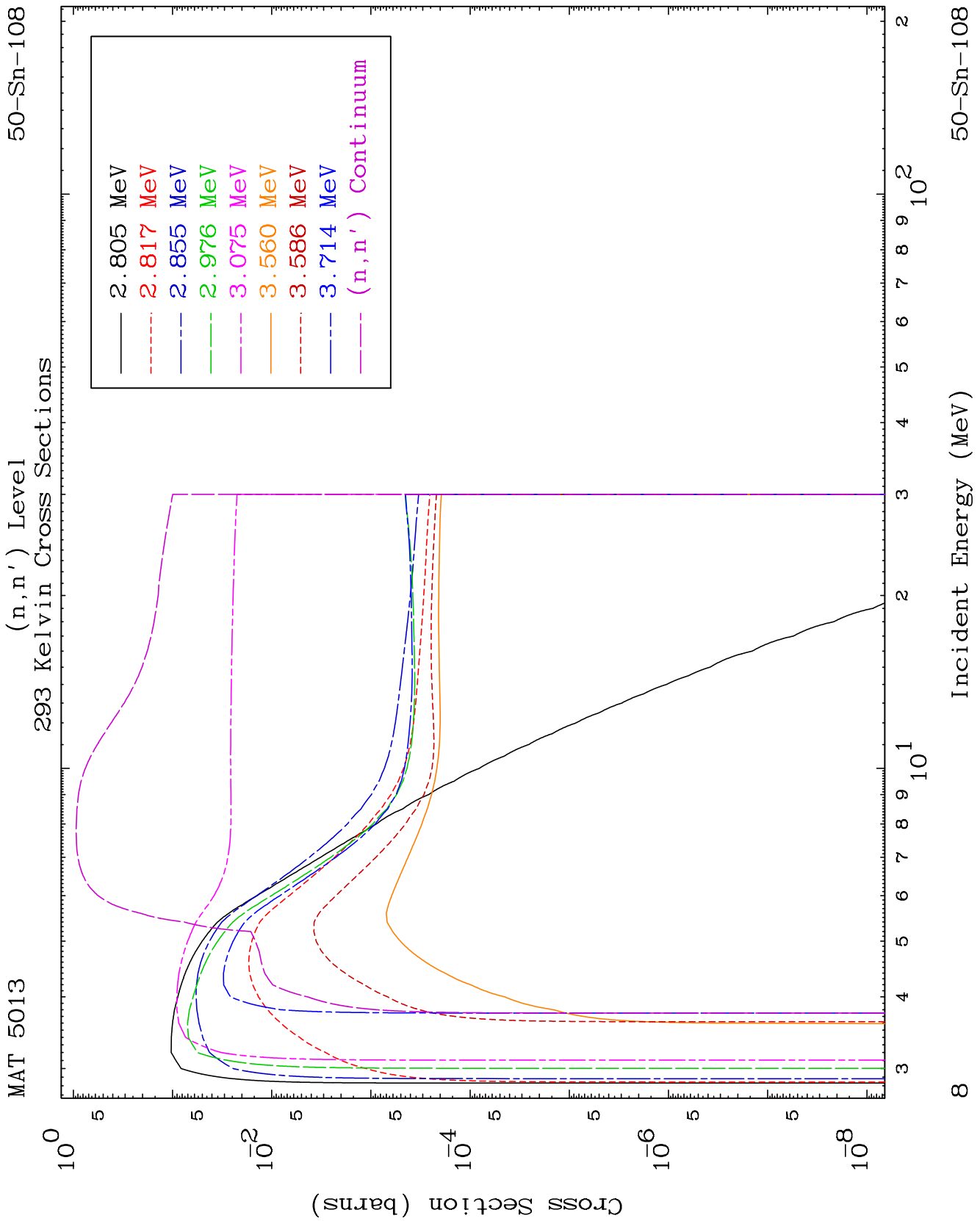
293 Kelvin Cross Sections



7

Incident Energy (MeV)

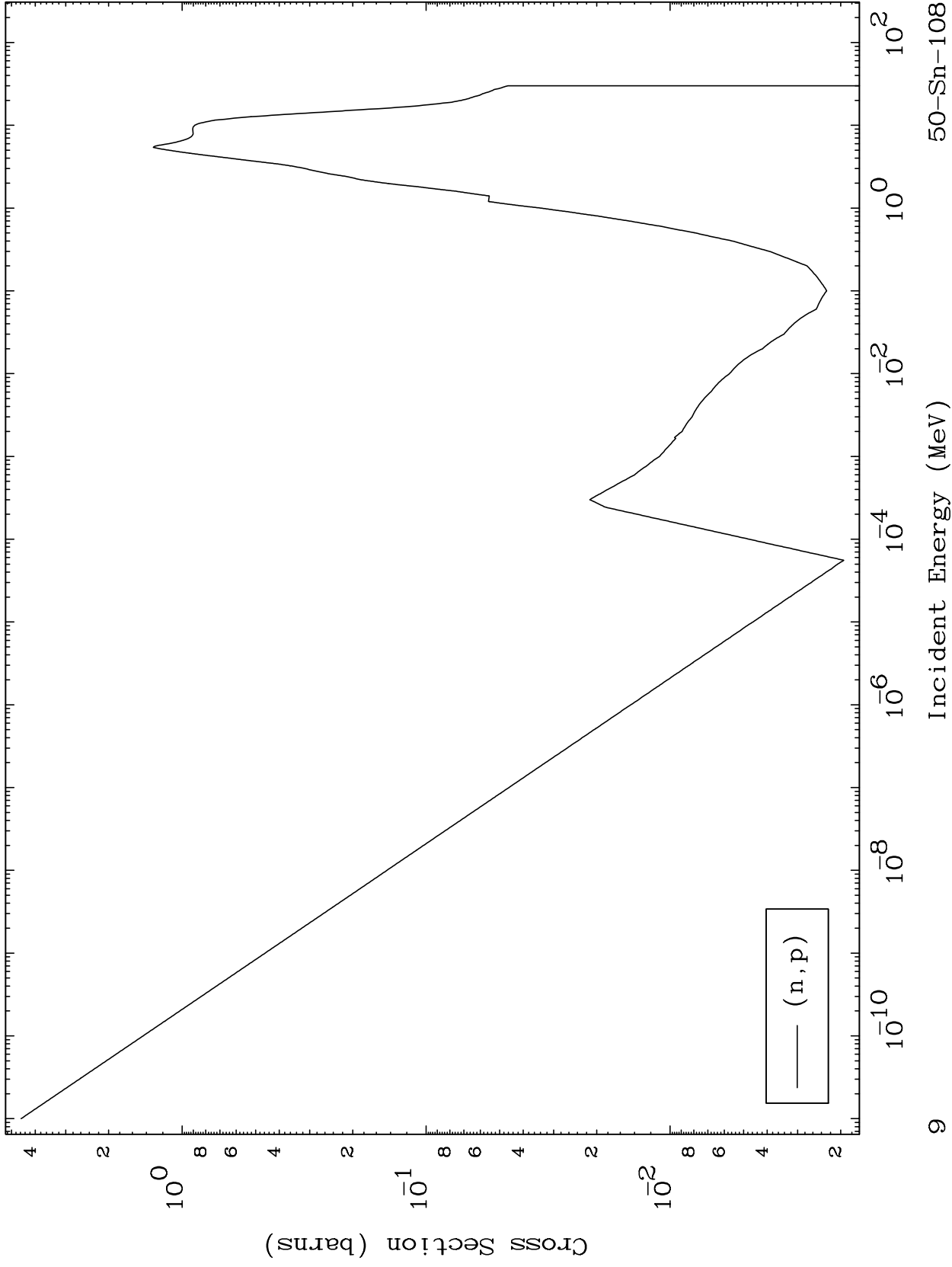
50-Sn-108



MAT 5013

(n,p) Levels
293 Kelvin Cross Sections

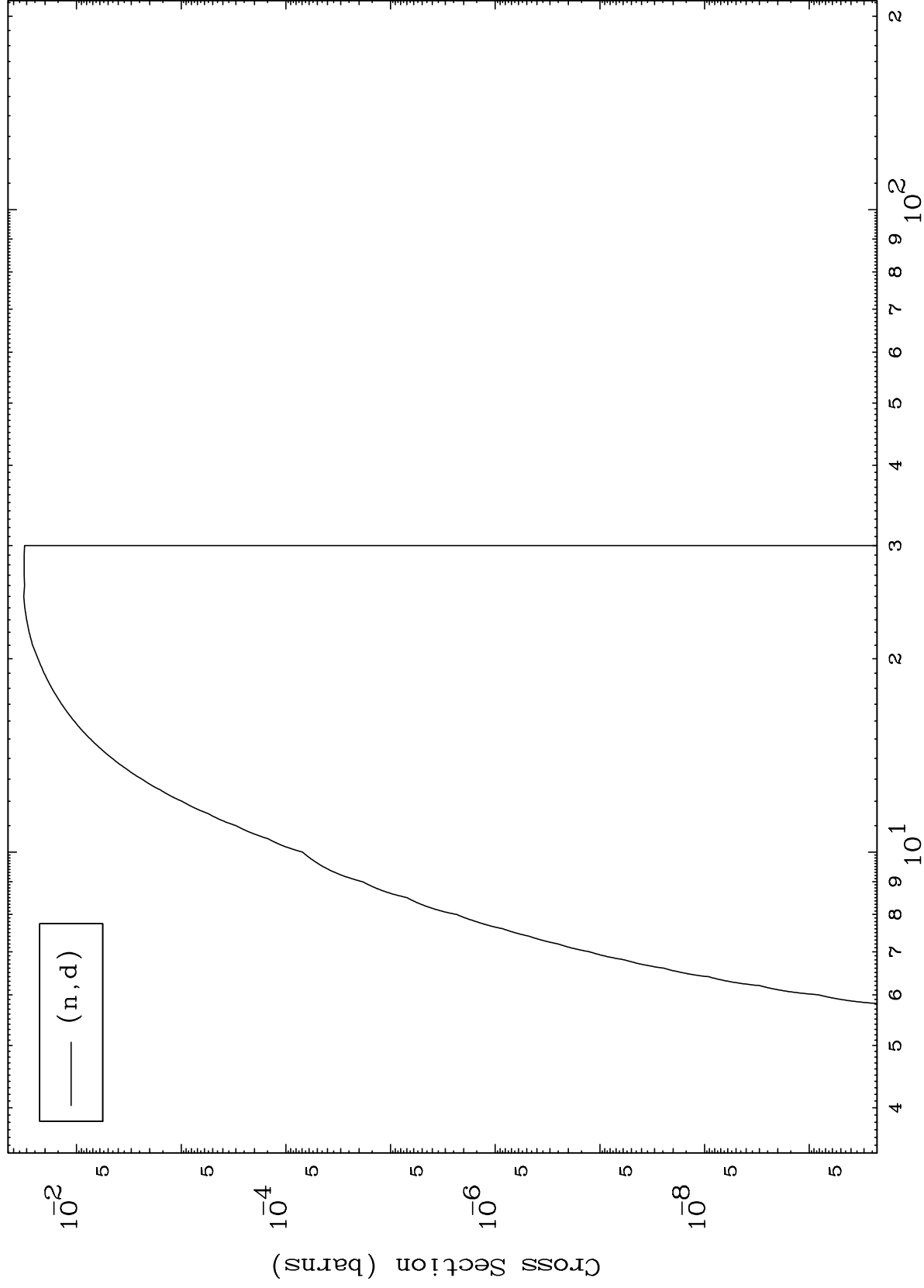
50-Sn-108



MAT 5013

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-108



50-Sn-108

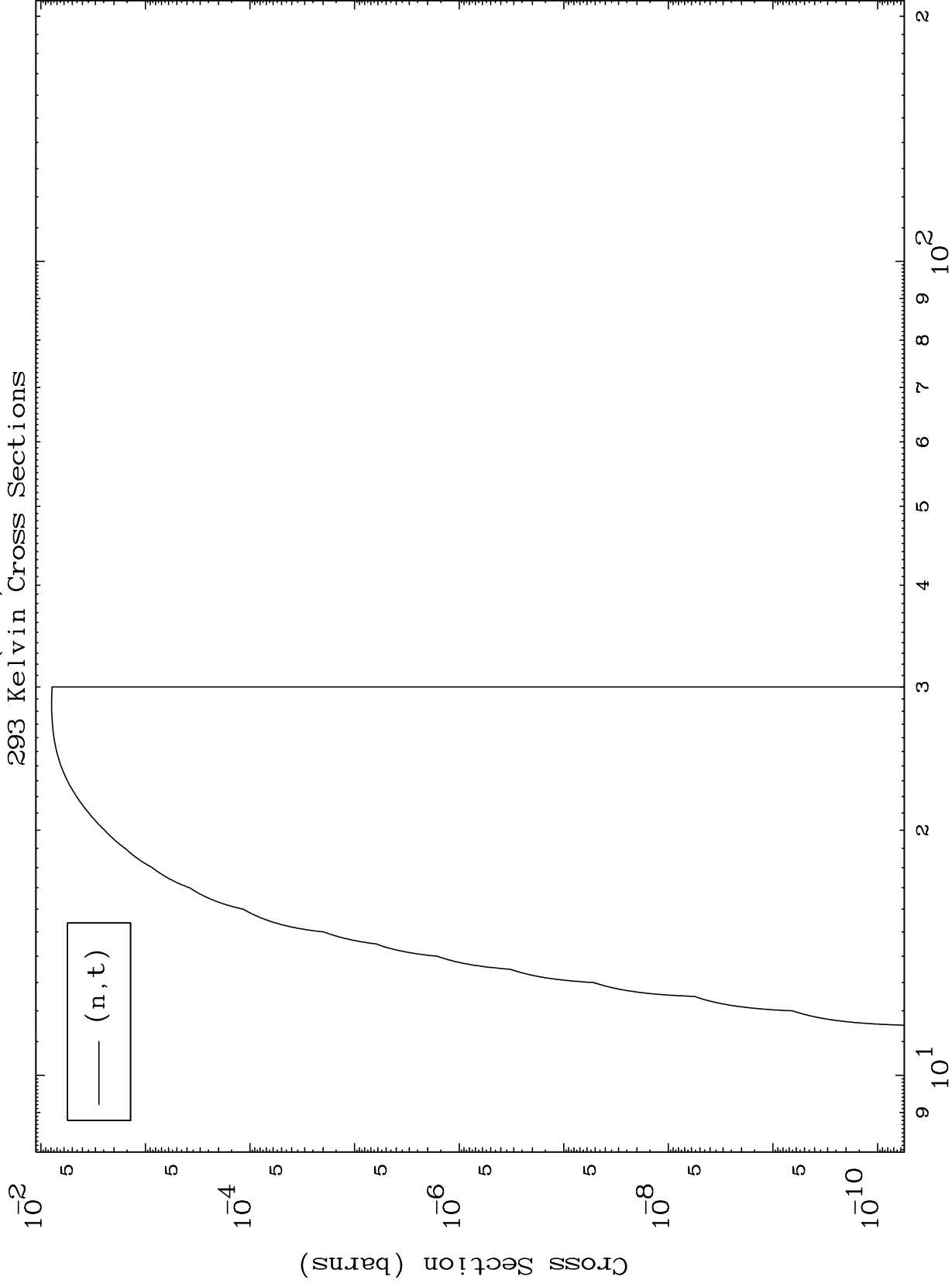
Incident Energy (MeV)

10

MAT 5013

(n,t) Levels
293 Kelvin Cross Sections

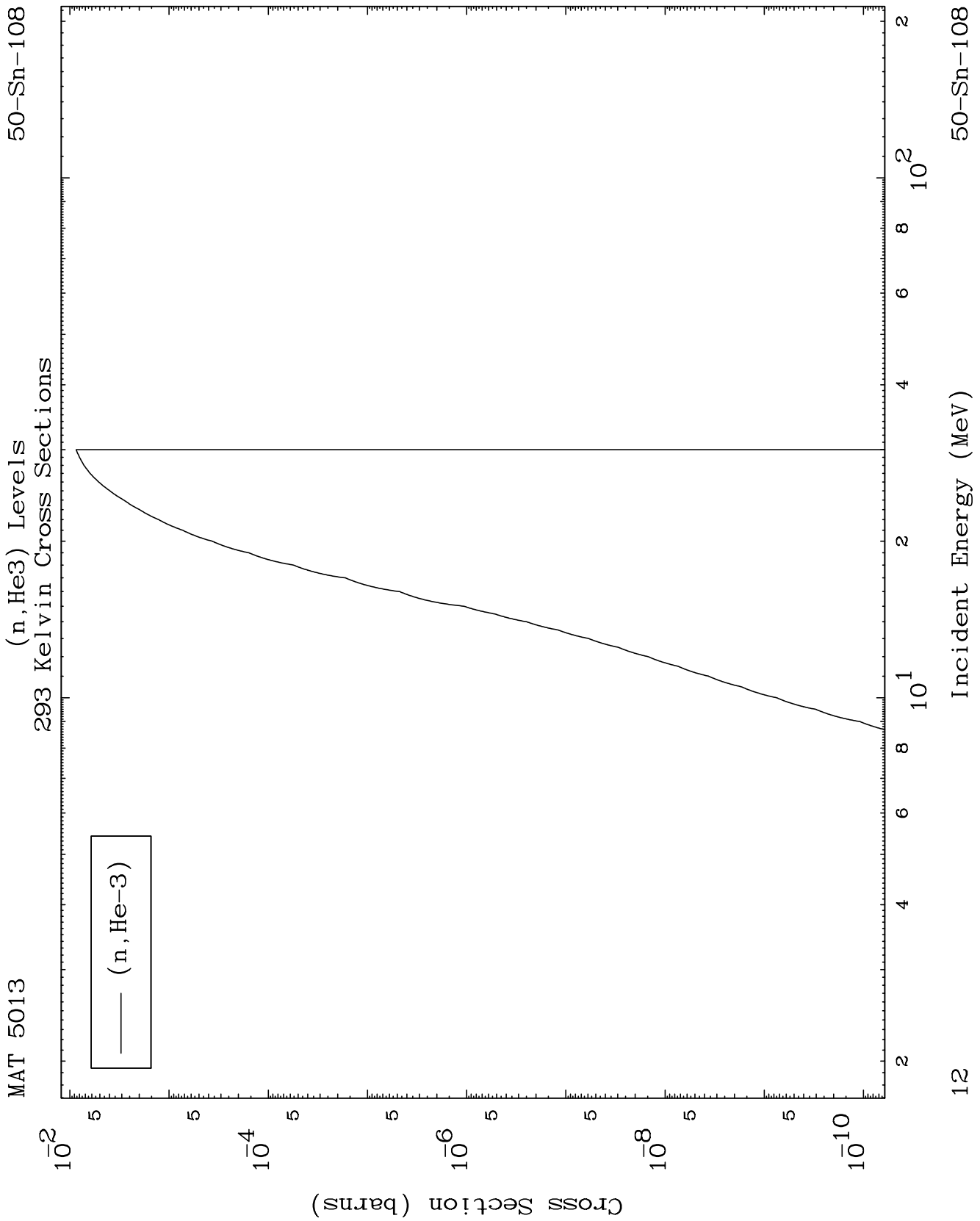
50-Sn-108



11

Incident Energy (MeV)

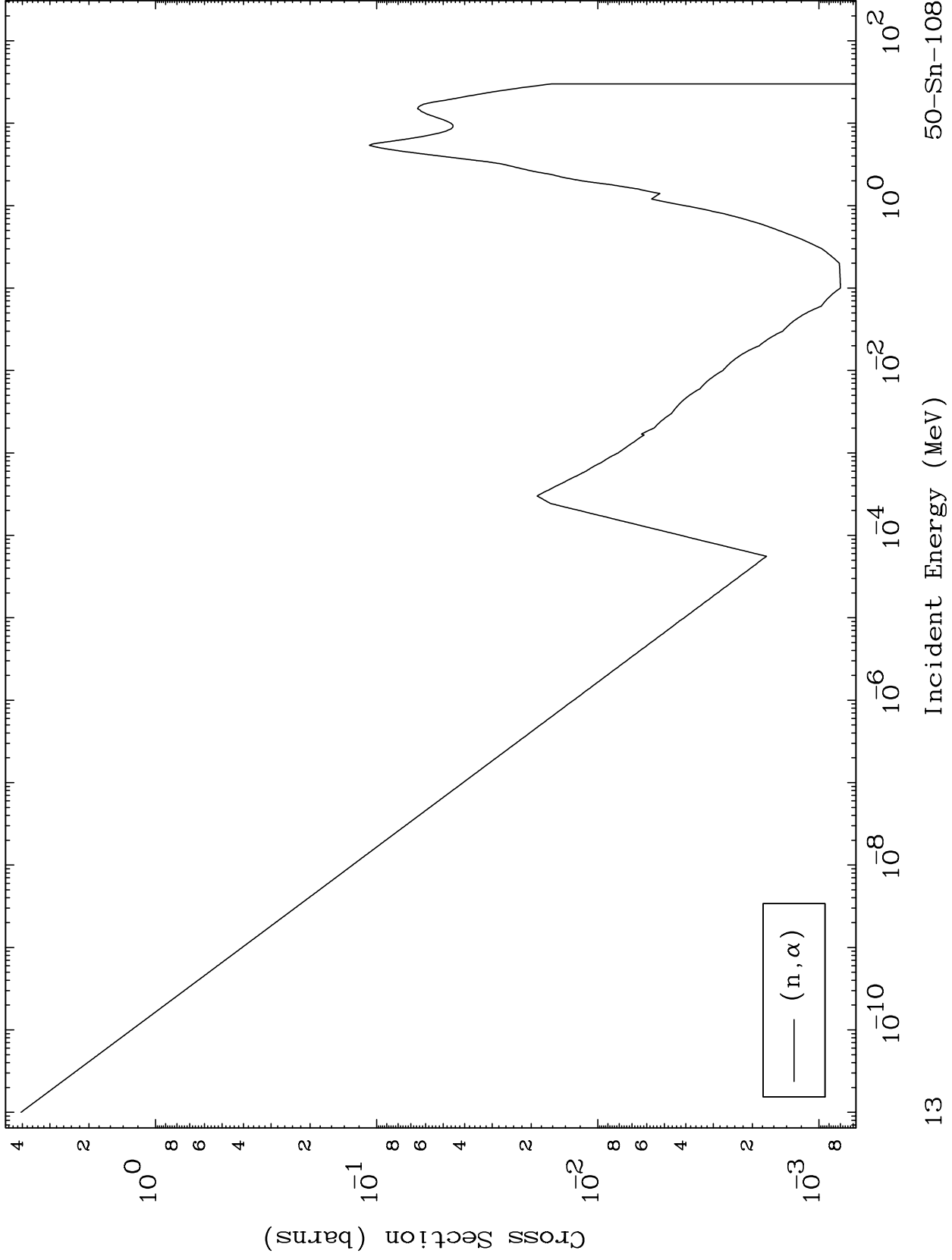
50-Sn-108

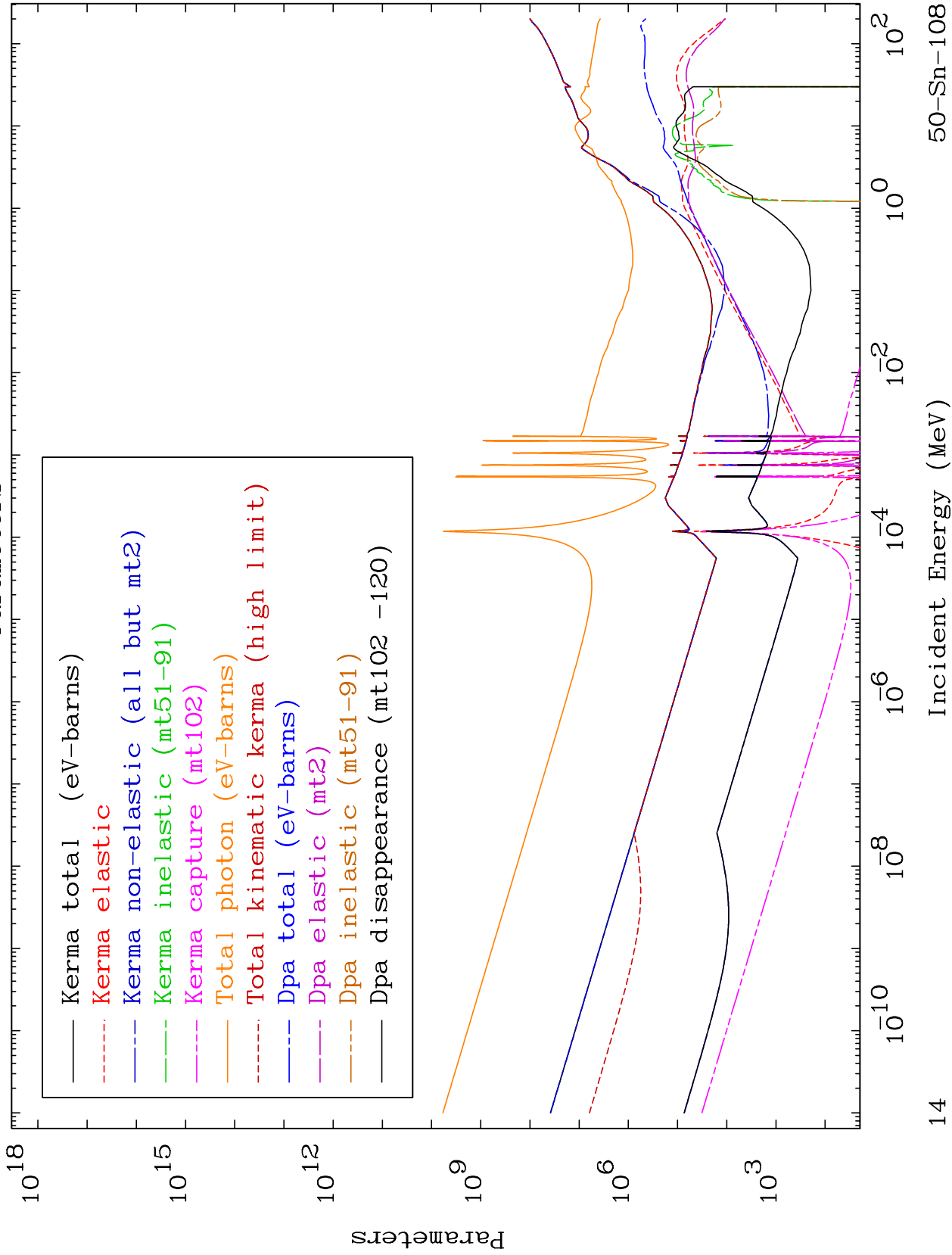


MAT 5013

(n,α) Levels
293 Kelvin Cross Sections

50-Sn-108

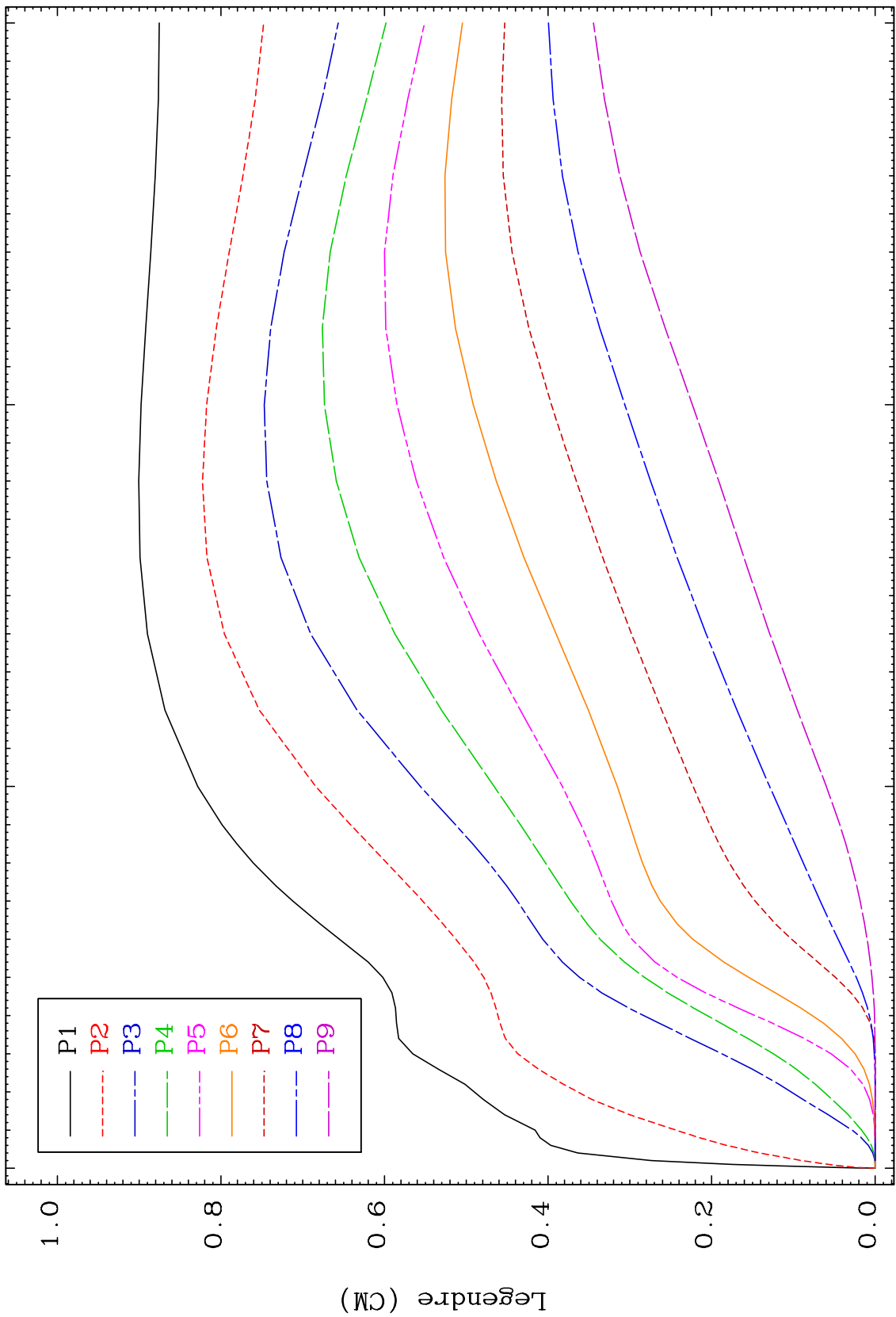




MAT 5013

Elastic Legendre Coefficients

50-Sn-108



15

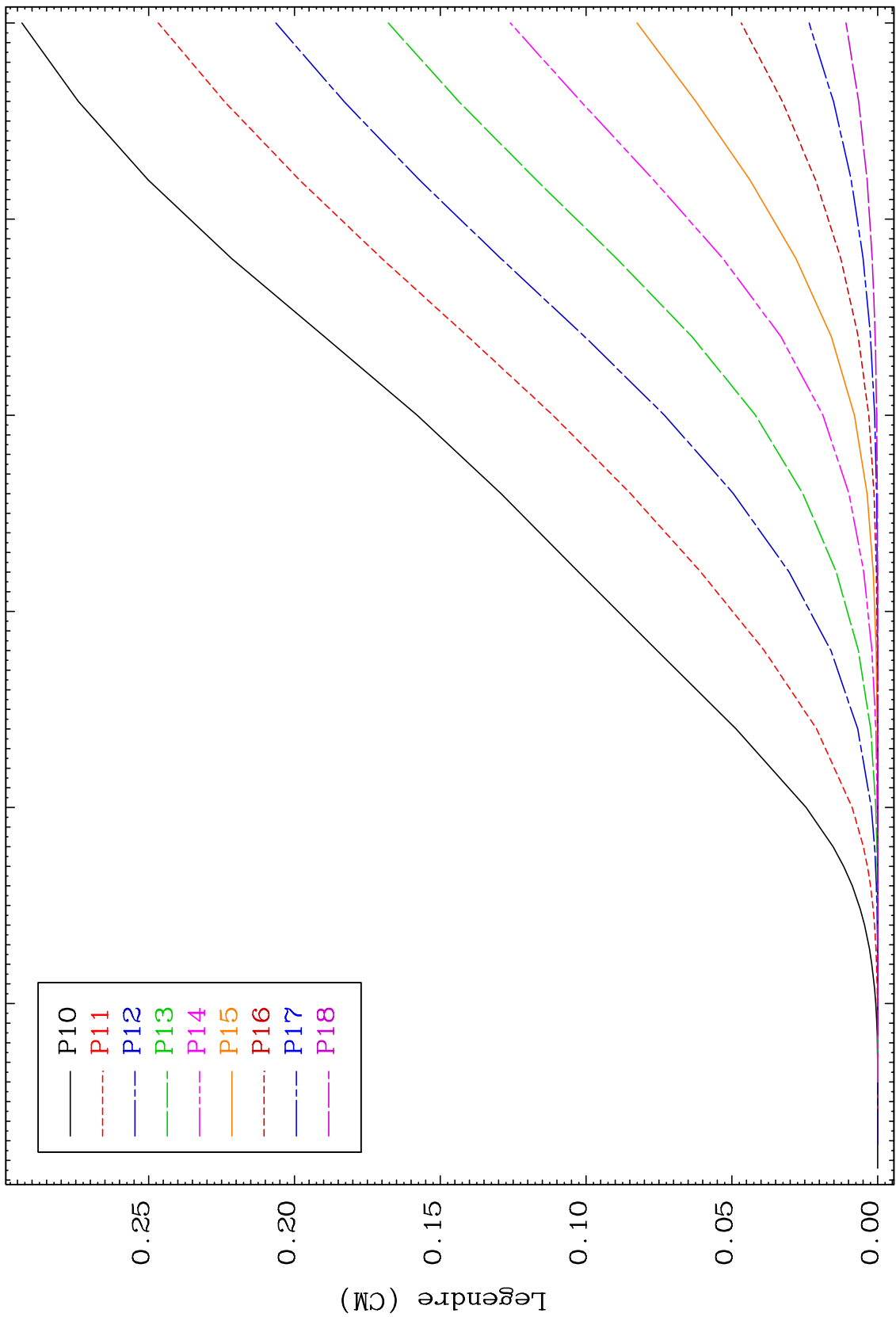
Incident Energy (MeV)

50-Sn-108

MAT 5013

Elastic Legendre Coefficients

50-Sn-108



16

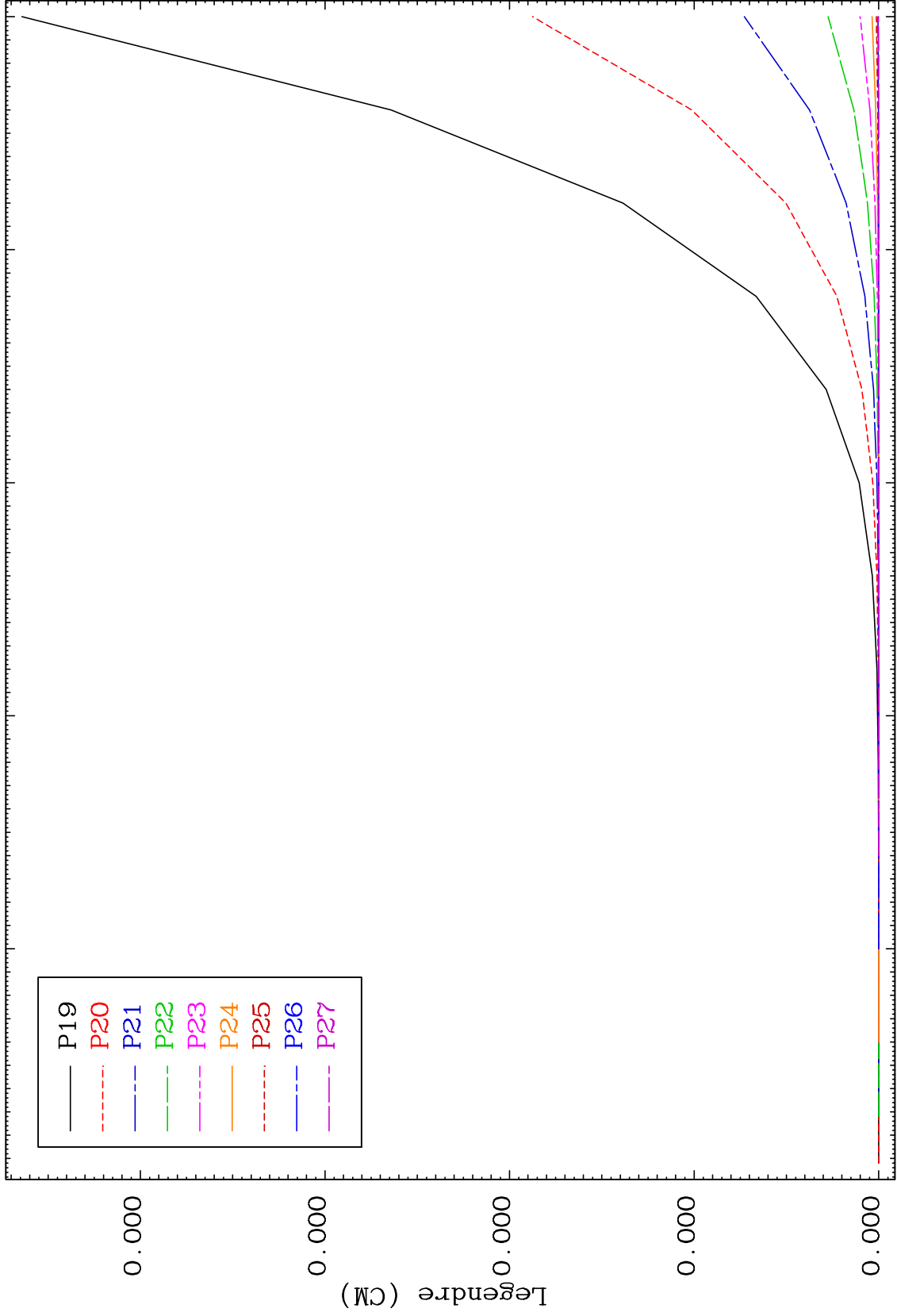
Incident Energy (MeV)

50-Sn-108

MAT 5013

Elastic Legendre Coefficients

50-Sn-108



17

Incident Energy (MeV)

50-Sn-108

MAT 5013

Elastic Legendre Coefficients

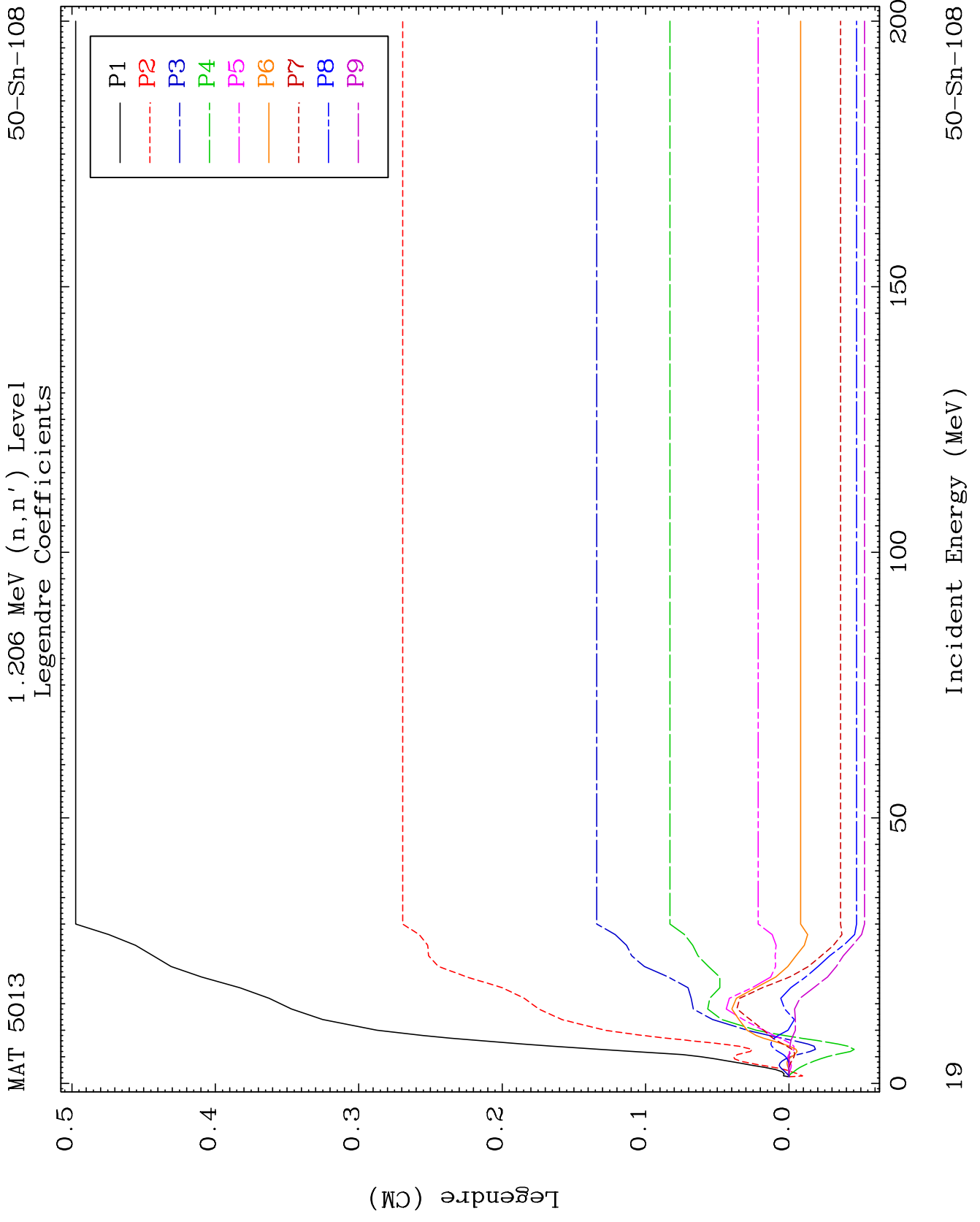
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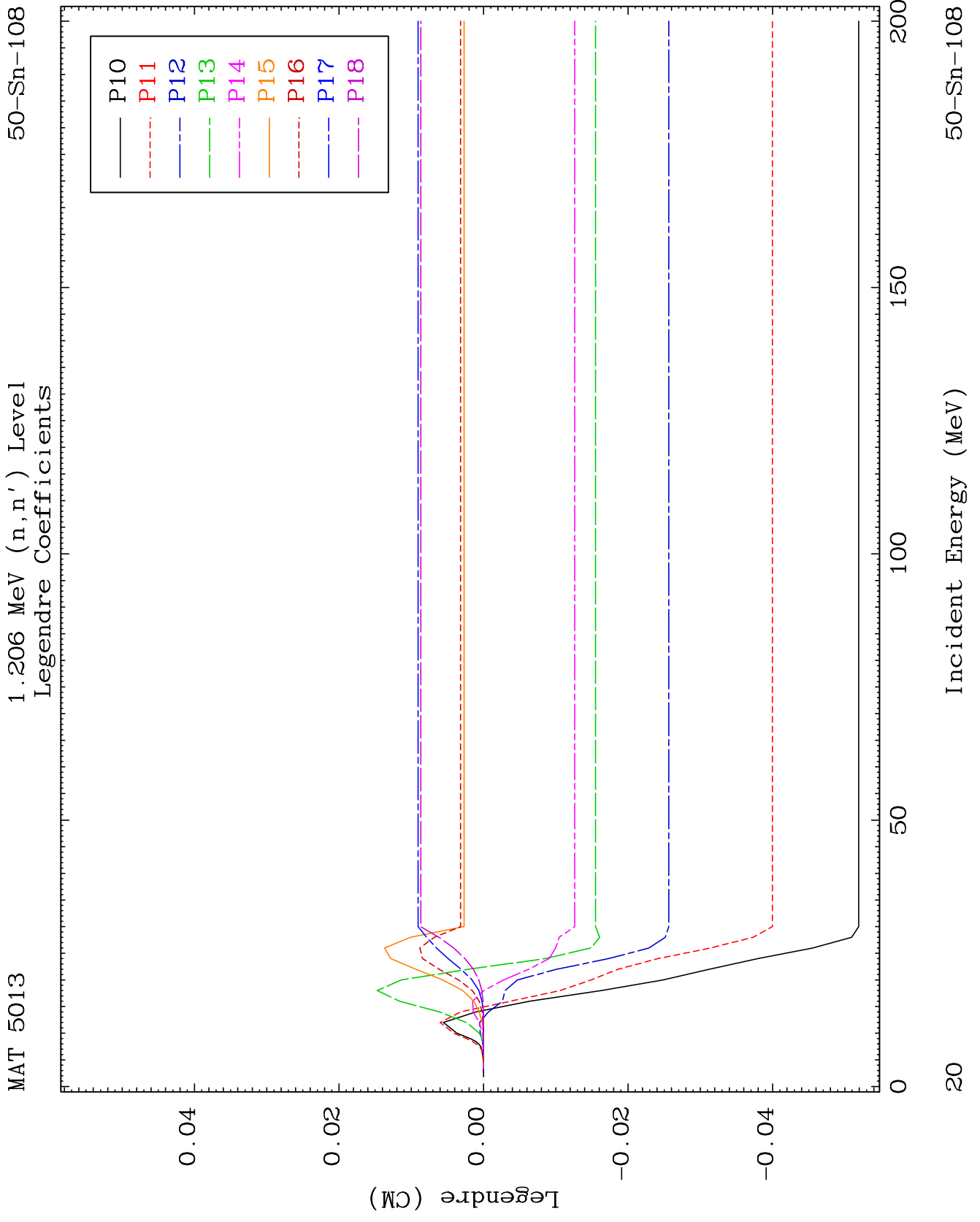


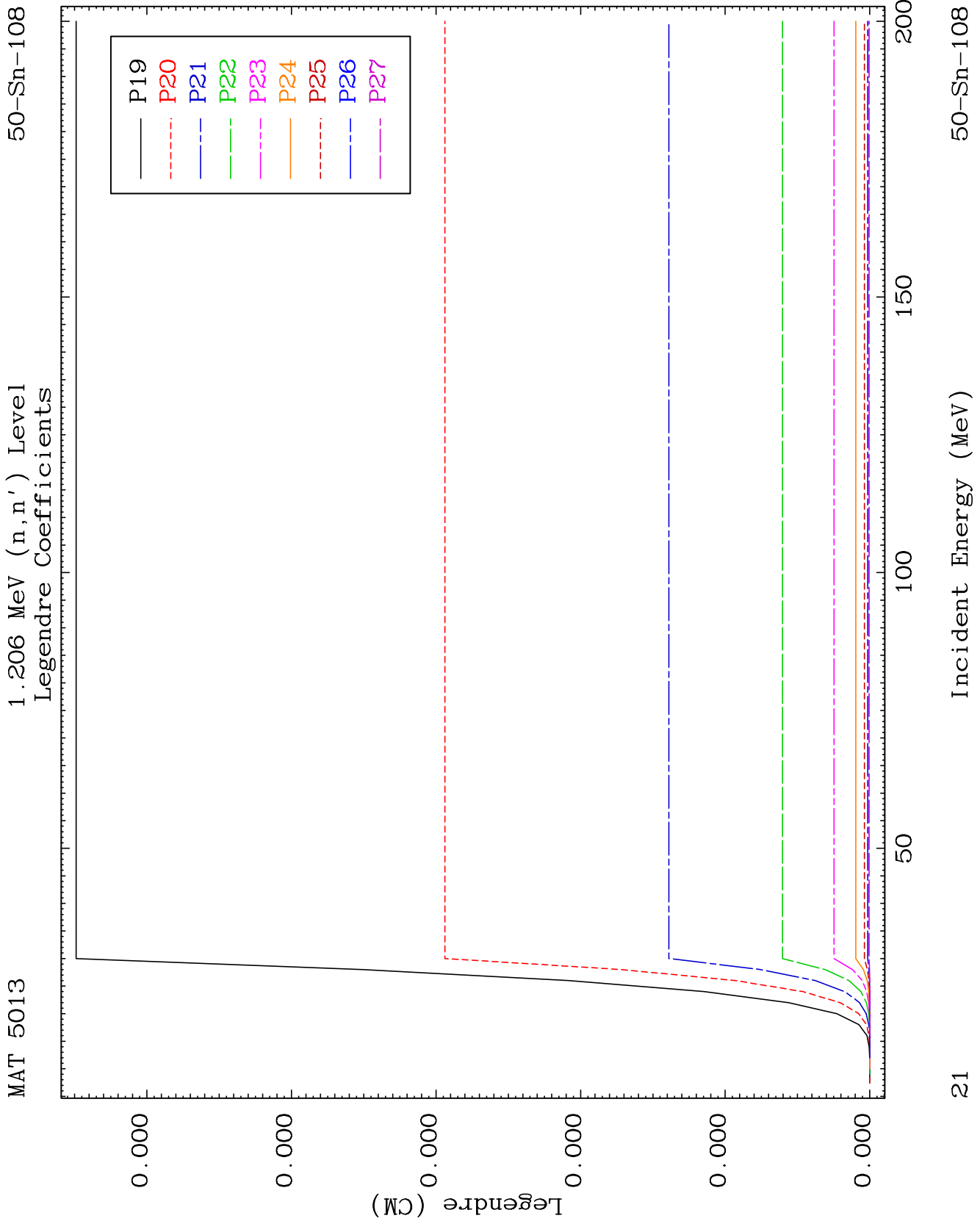
18

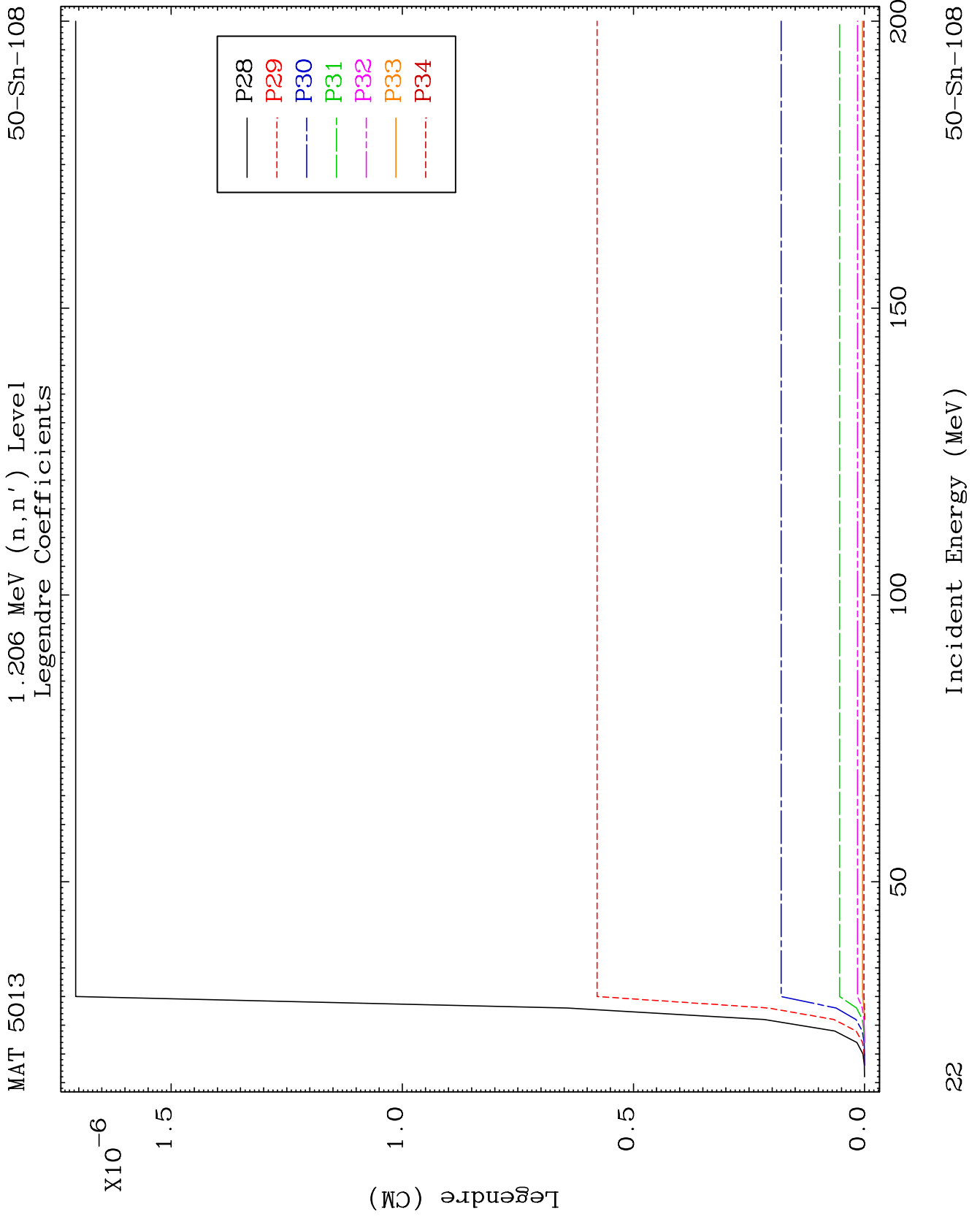
Incident Energy (MeV)

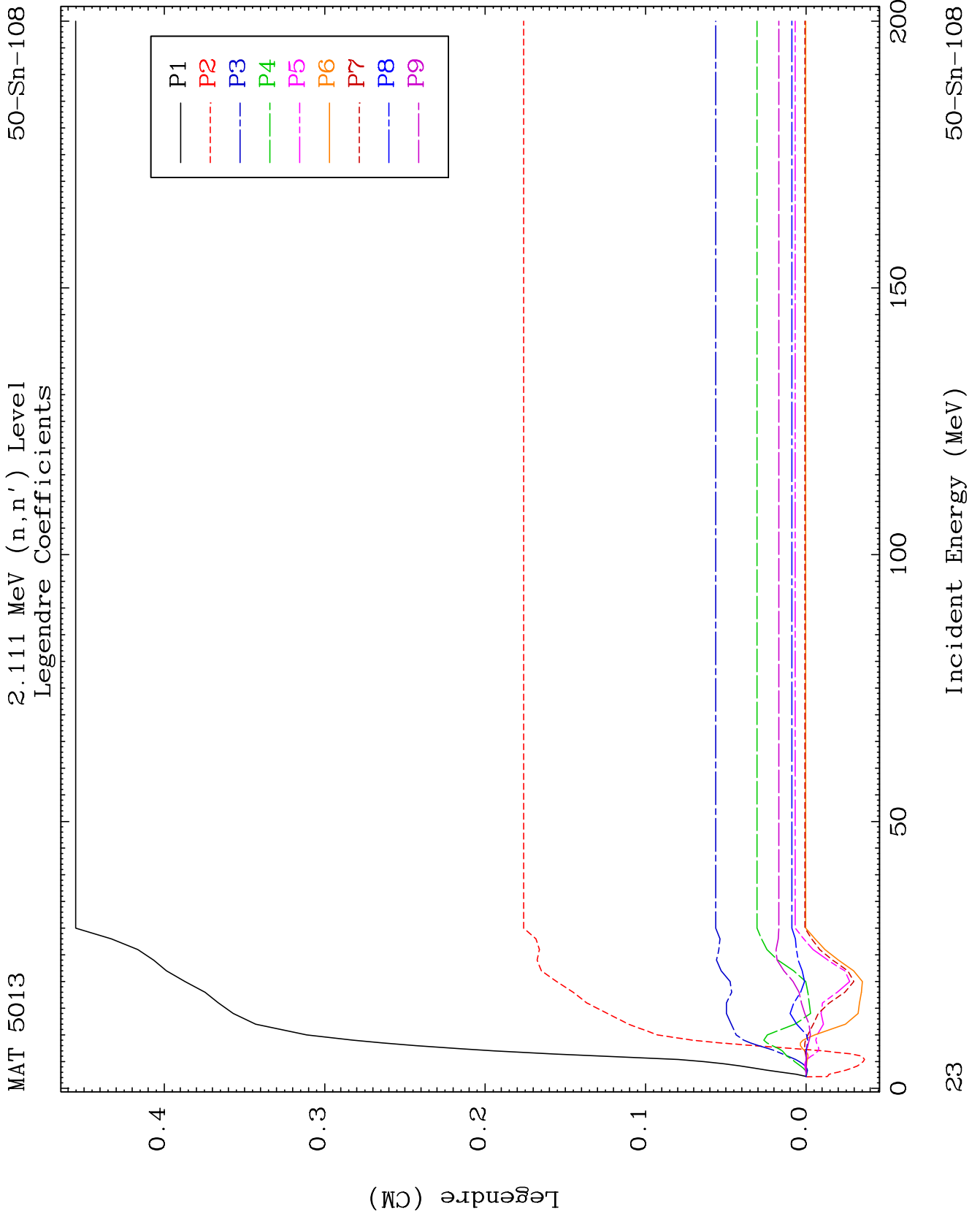
50-Sn-108

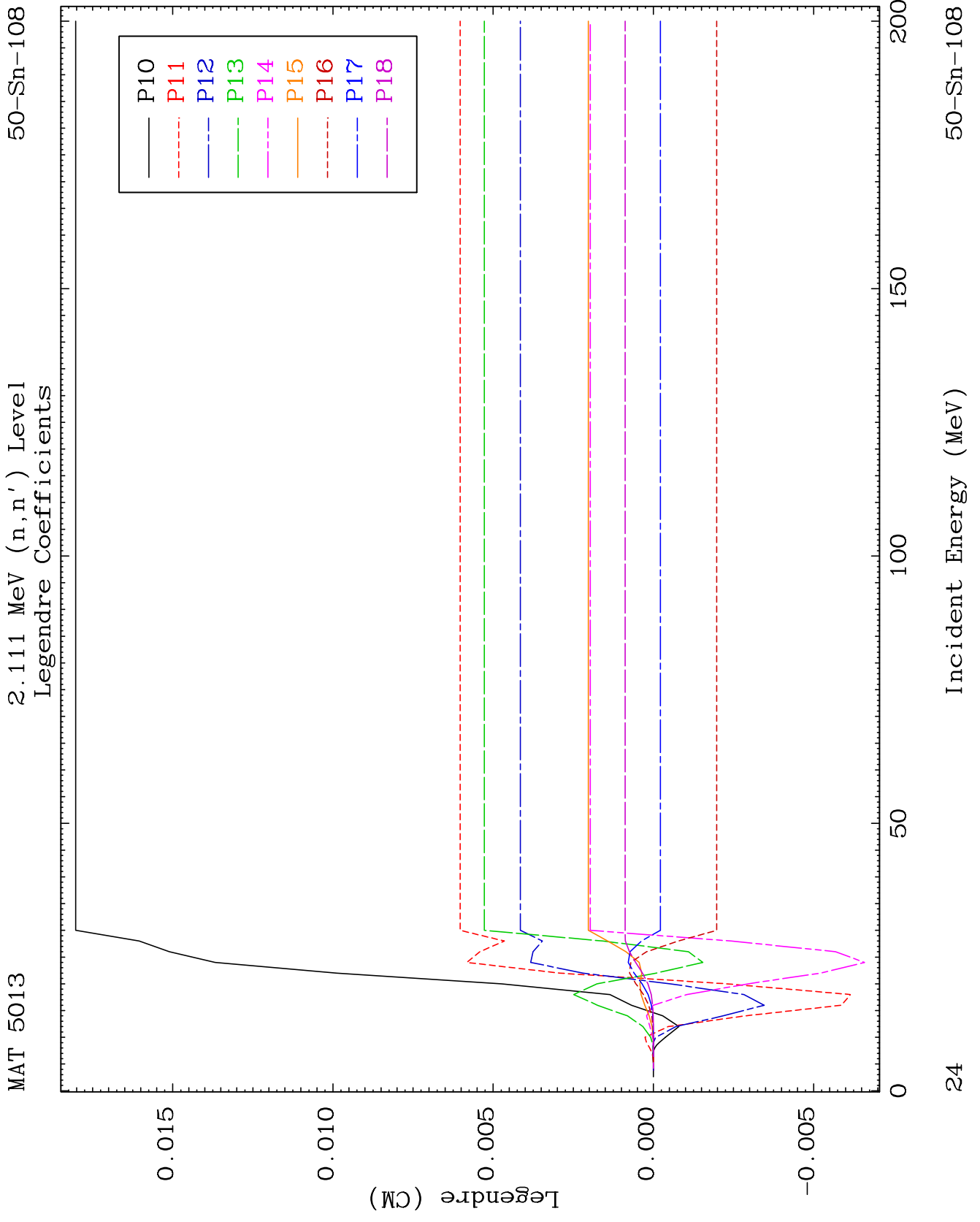








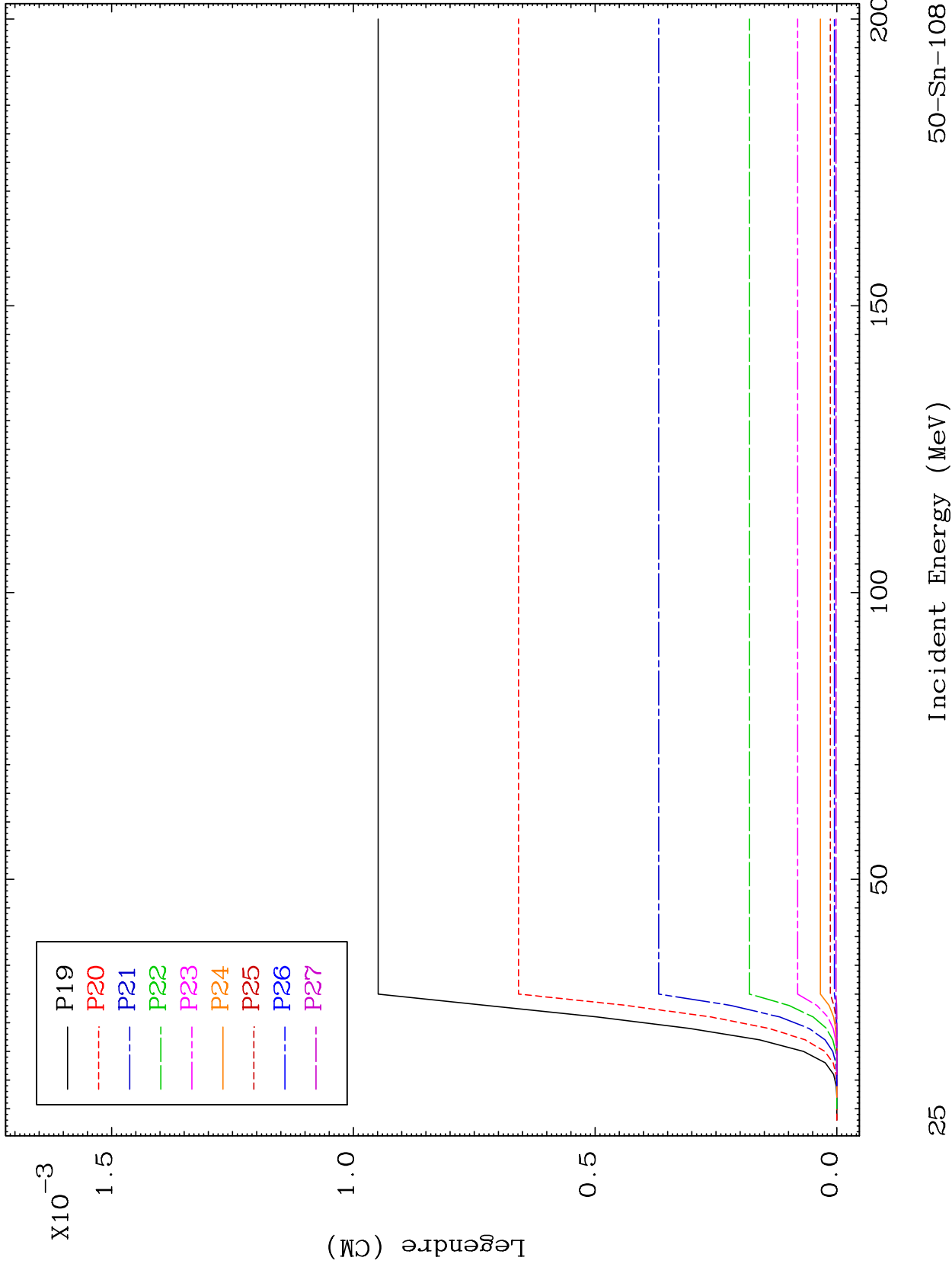


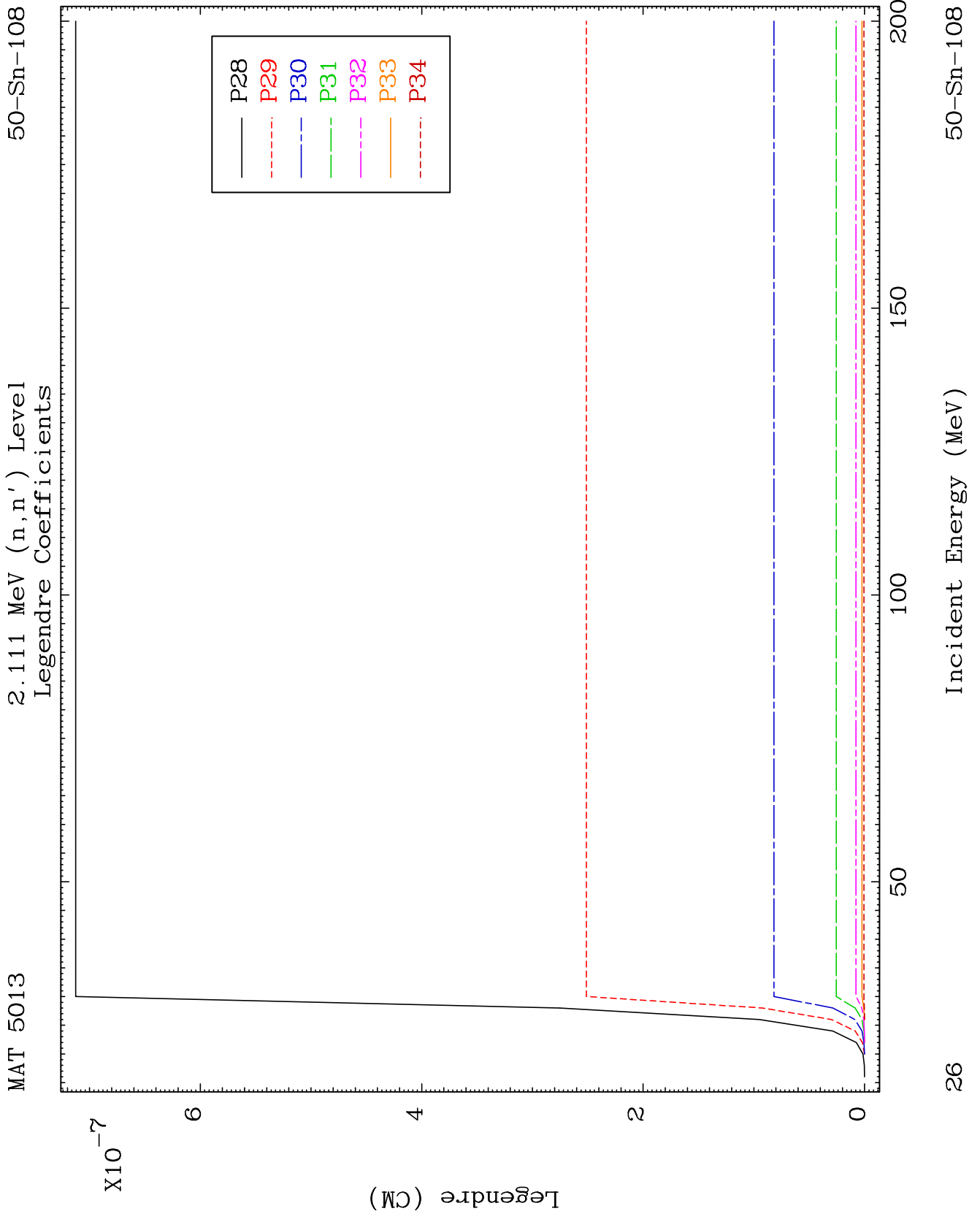


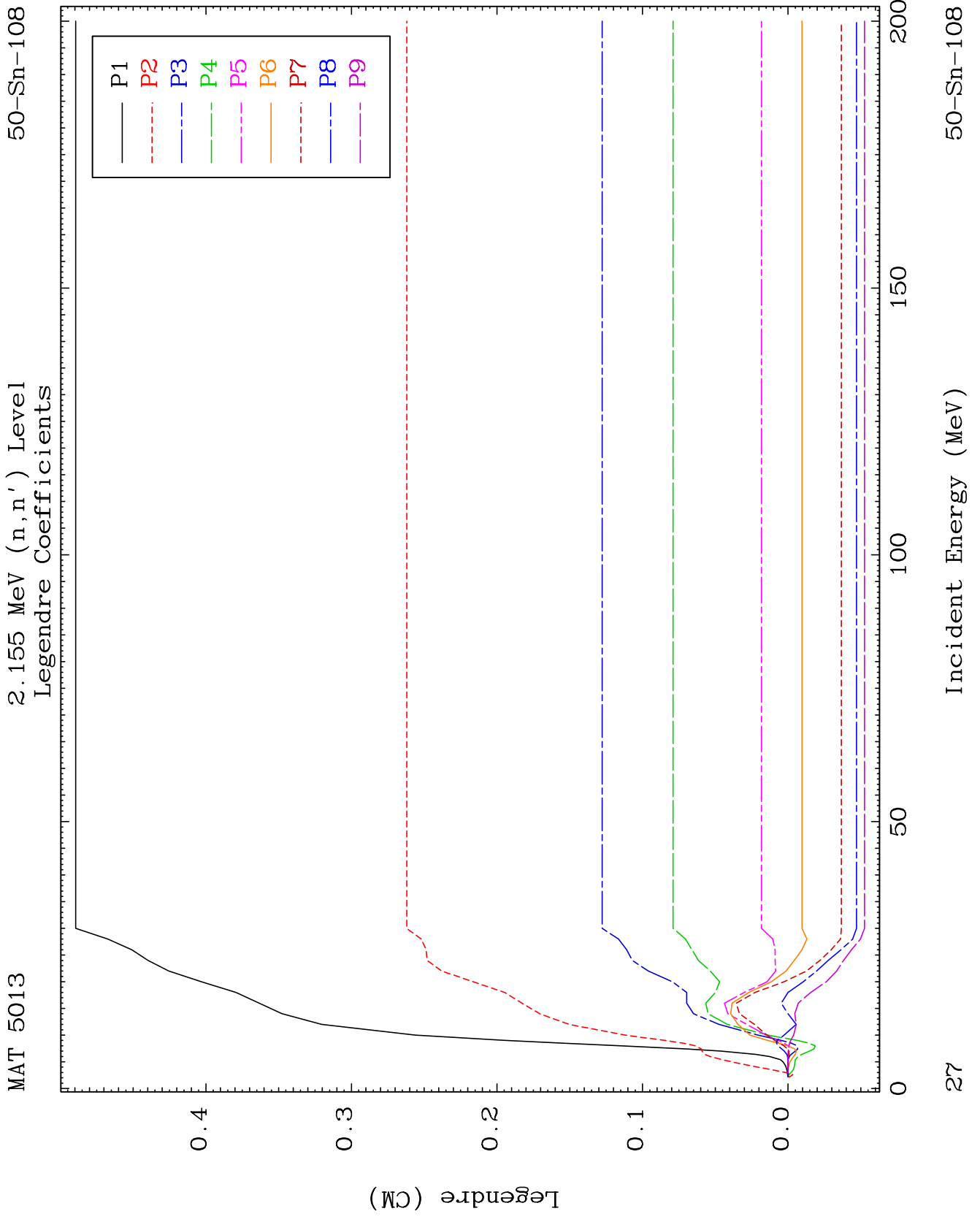
MAT 5013

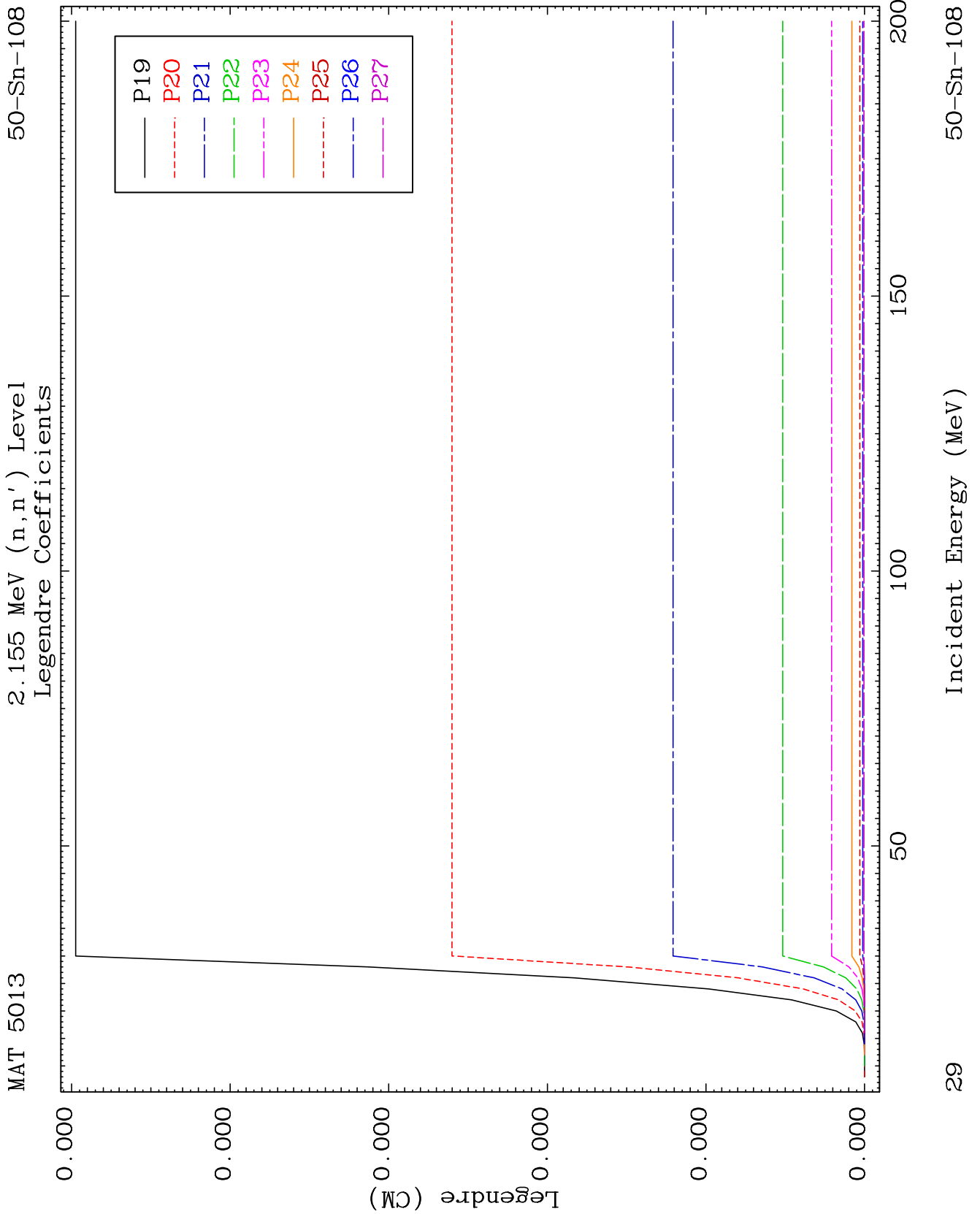
2.111 MeV (n,n') Level
Legendre Coefficients

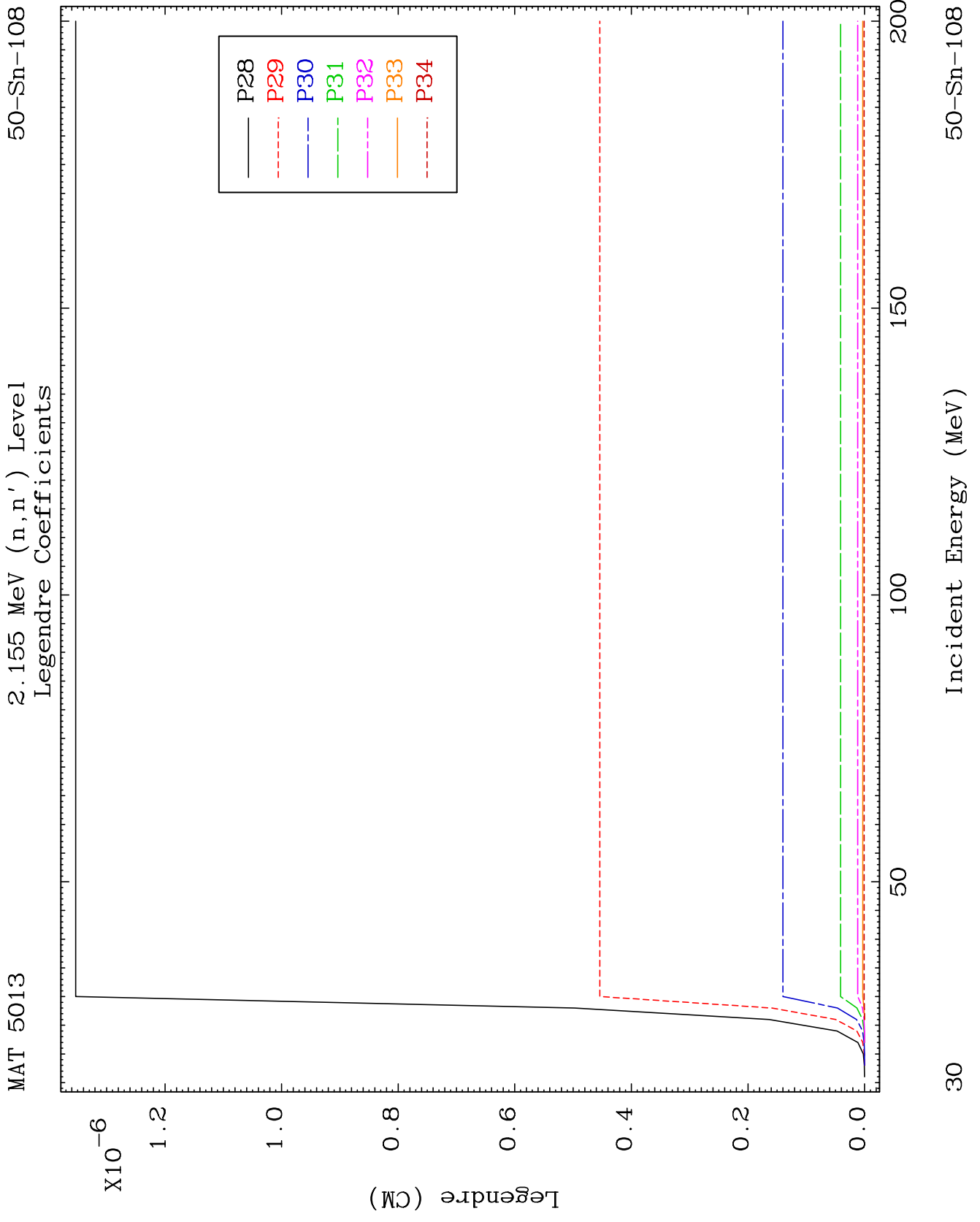
50-Sn-108

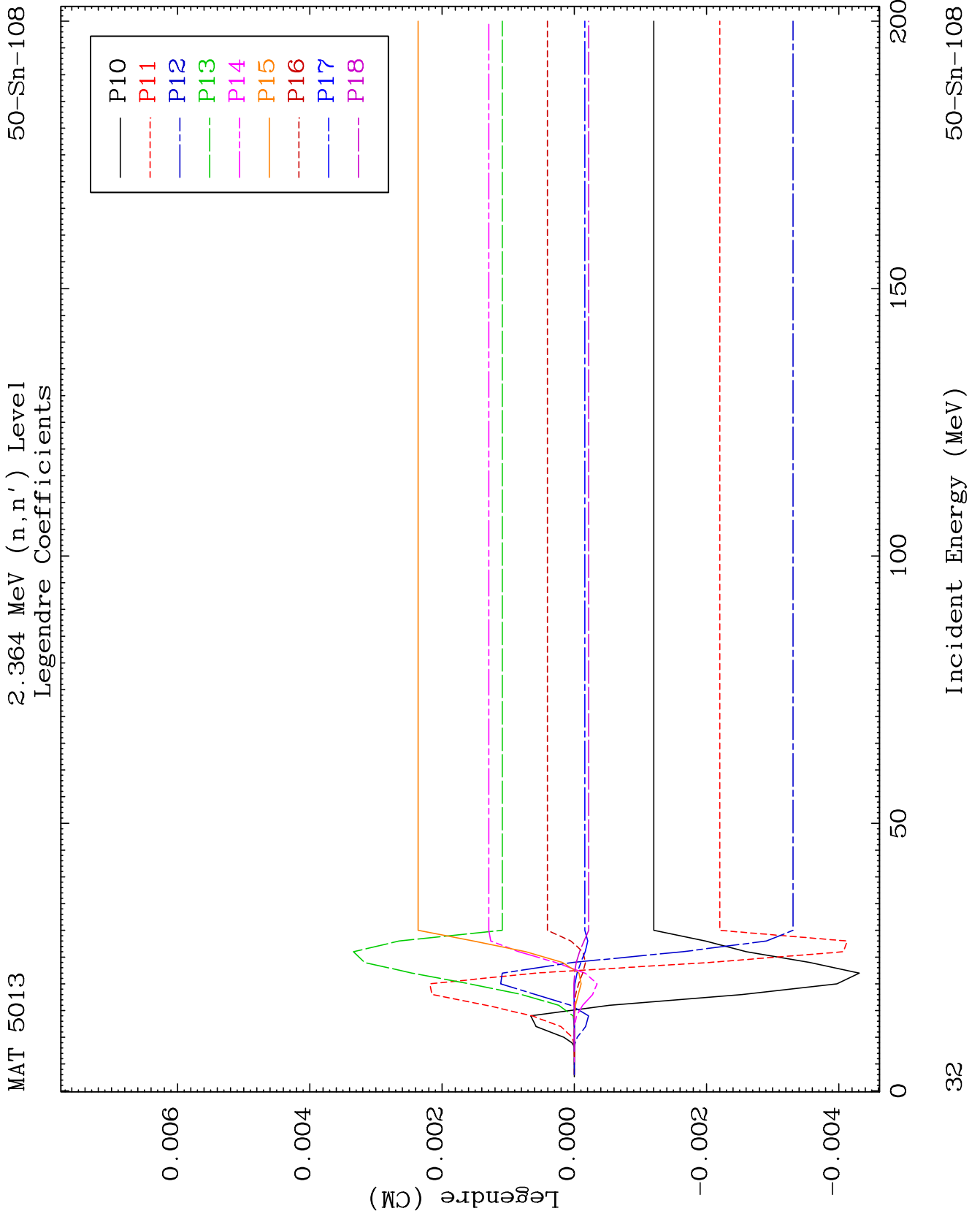


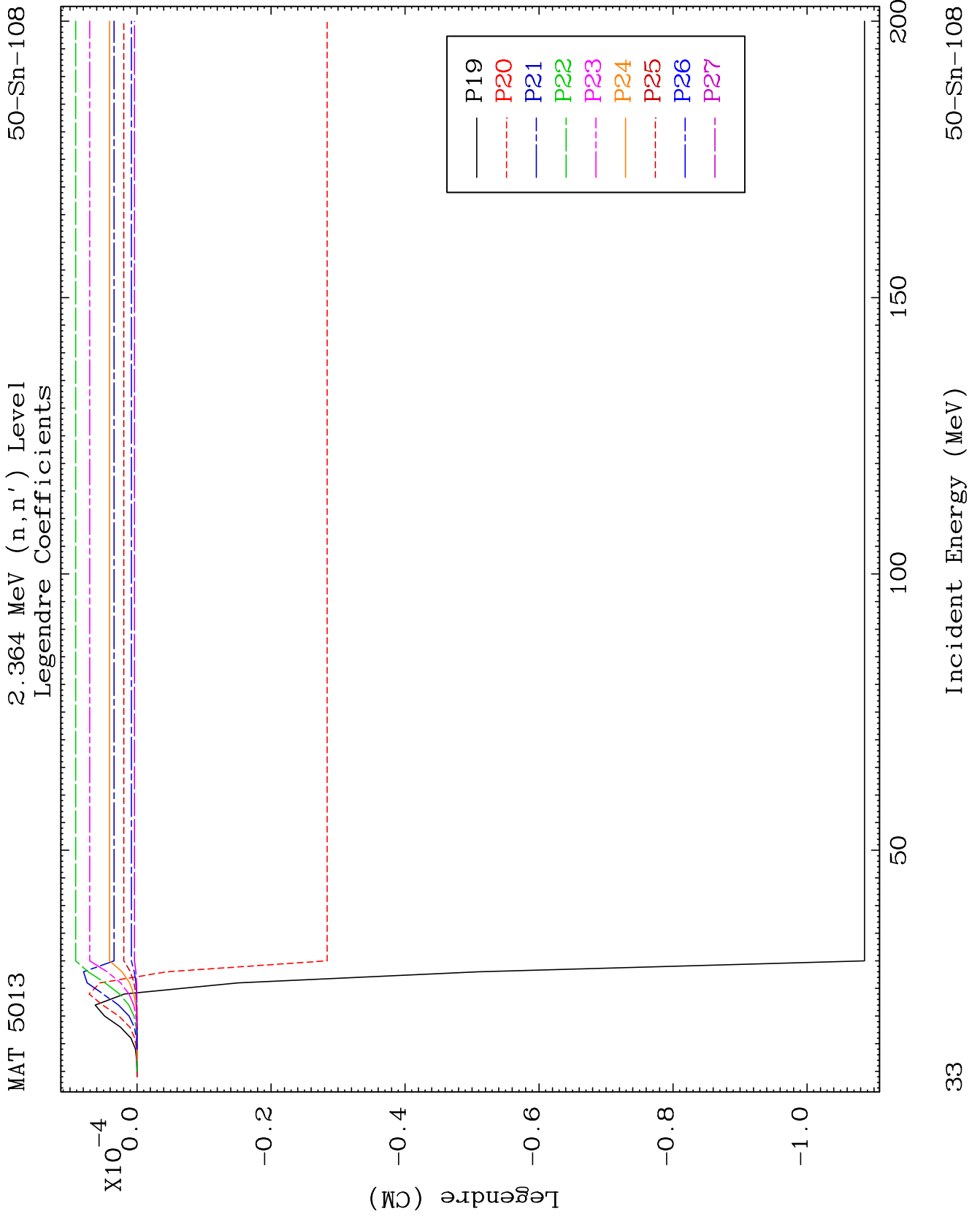


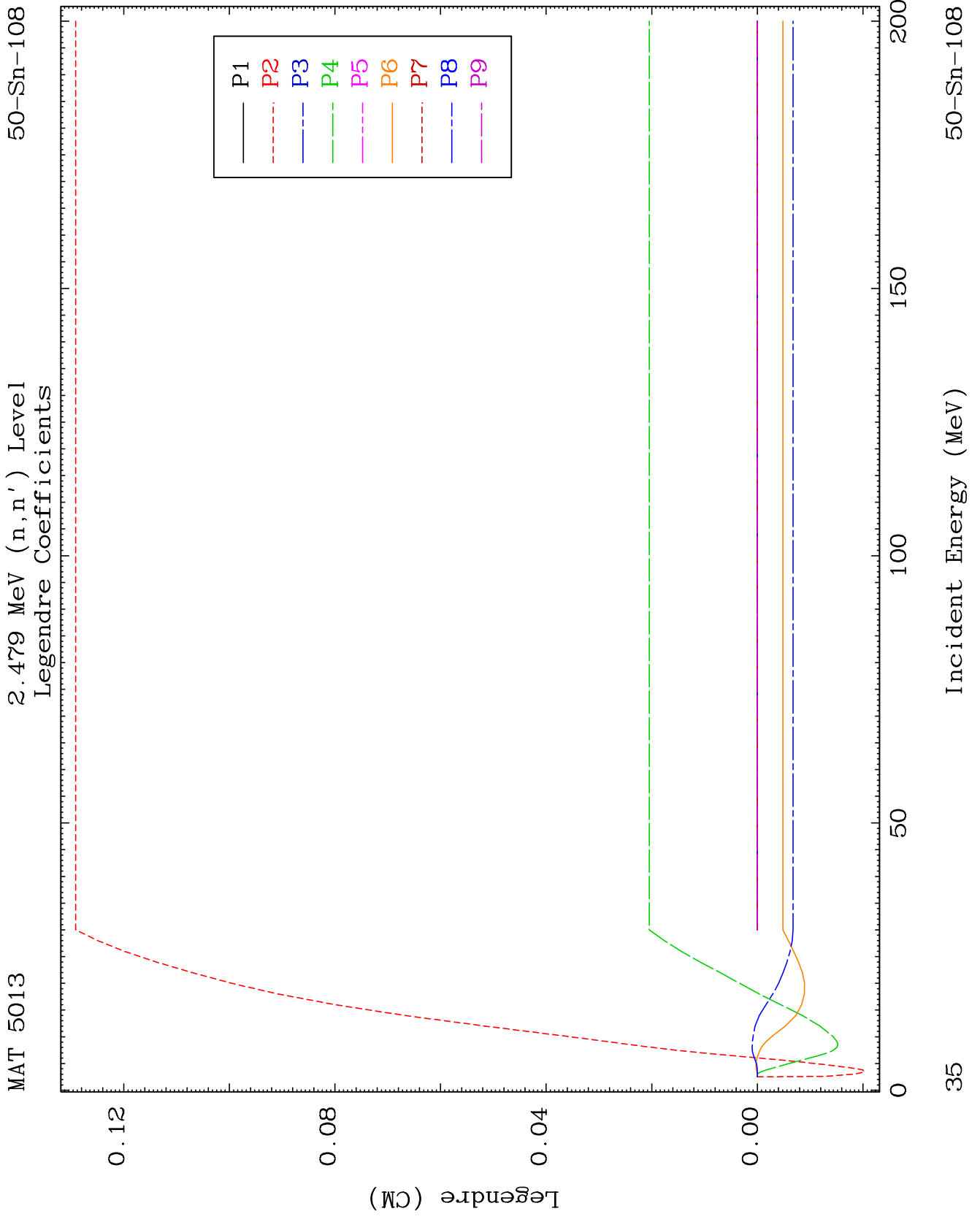


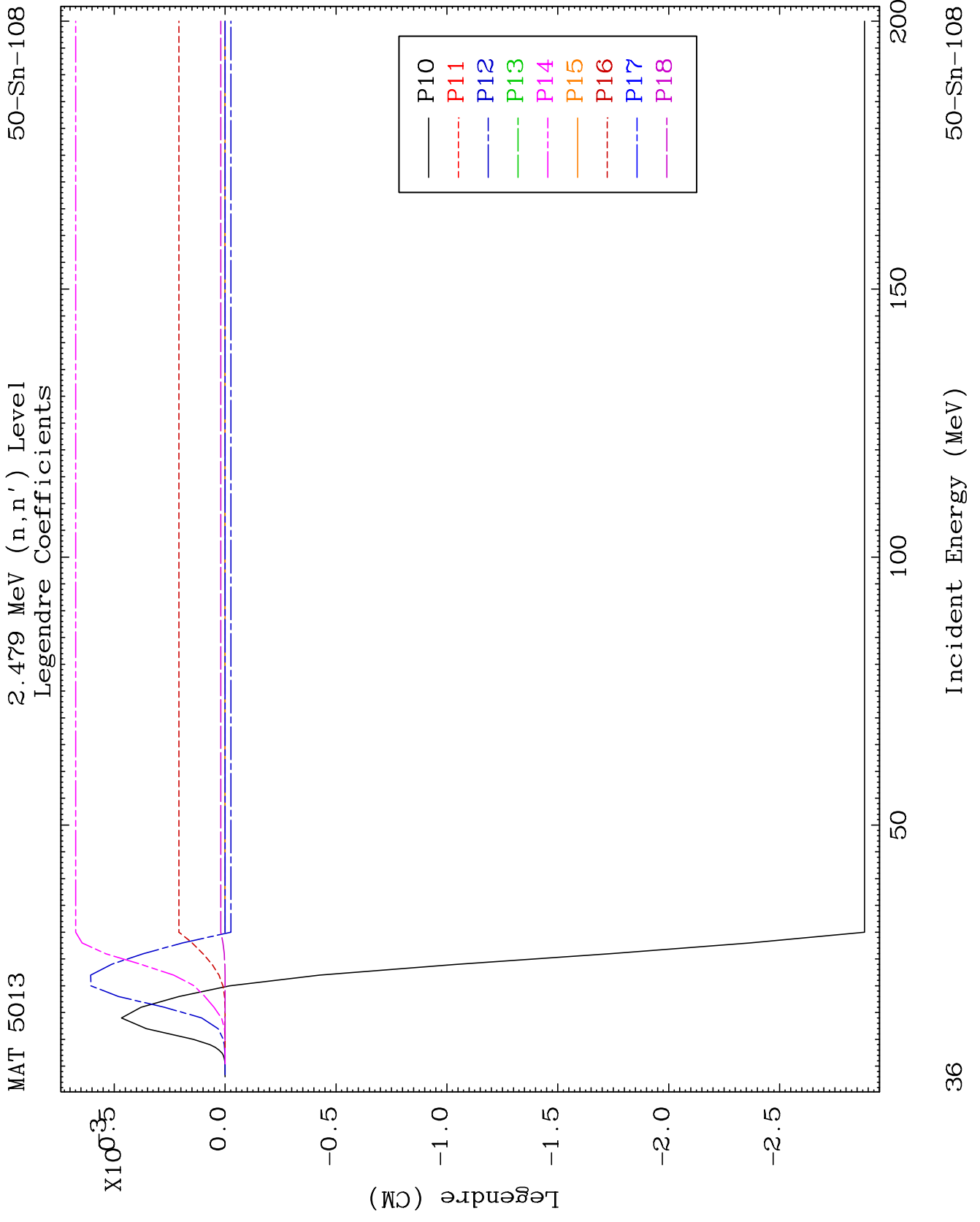


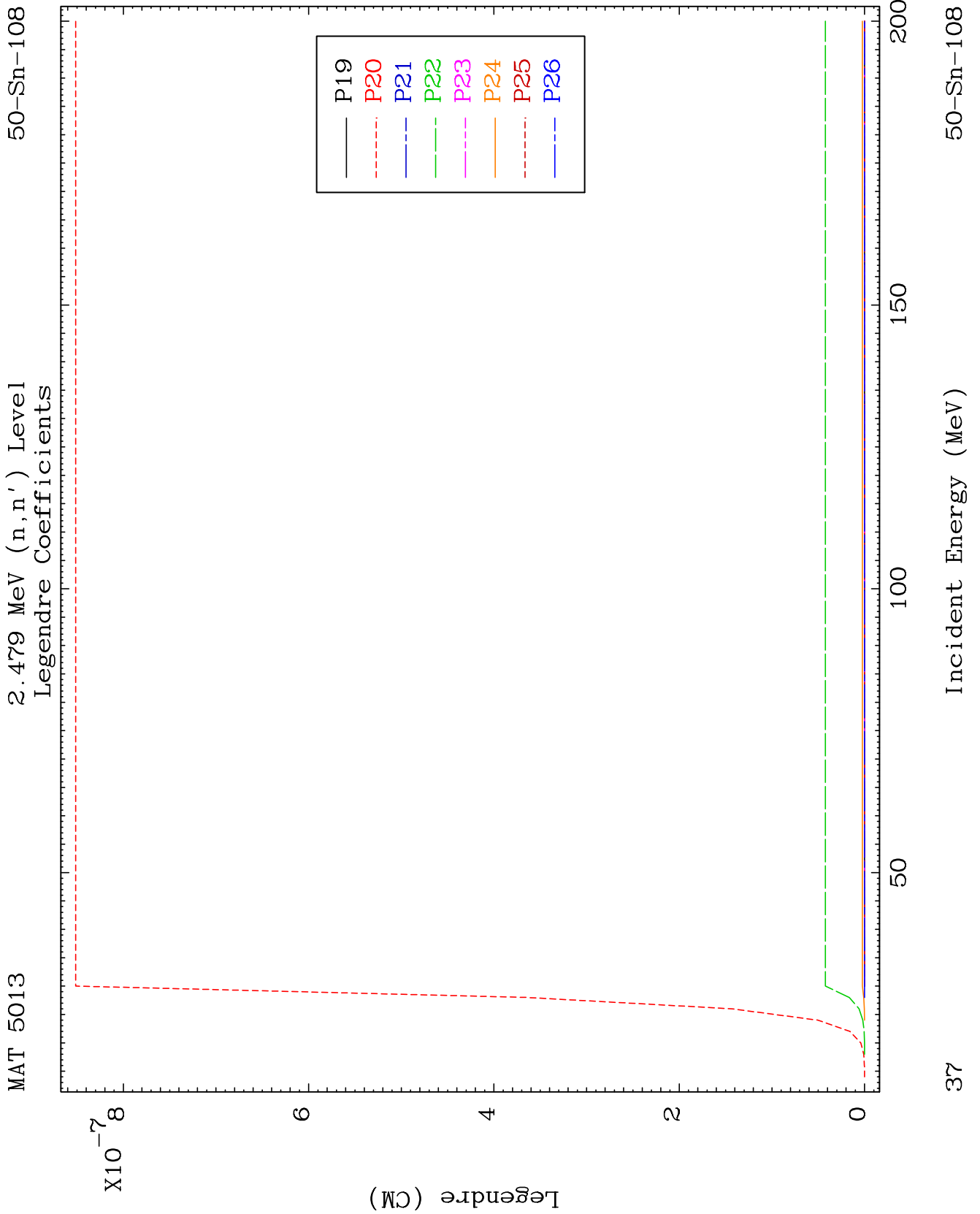


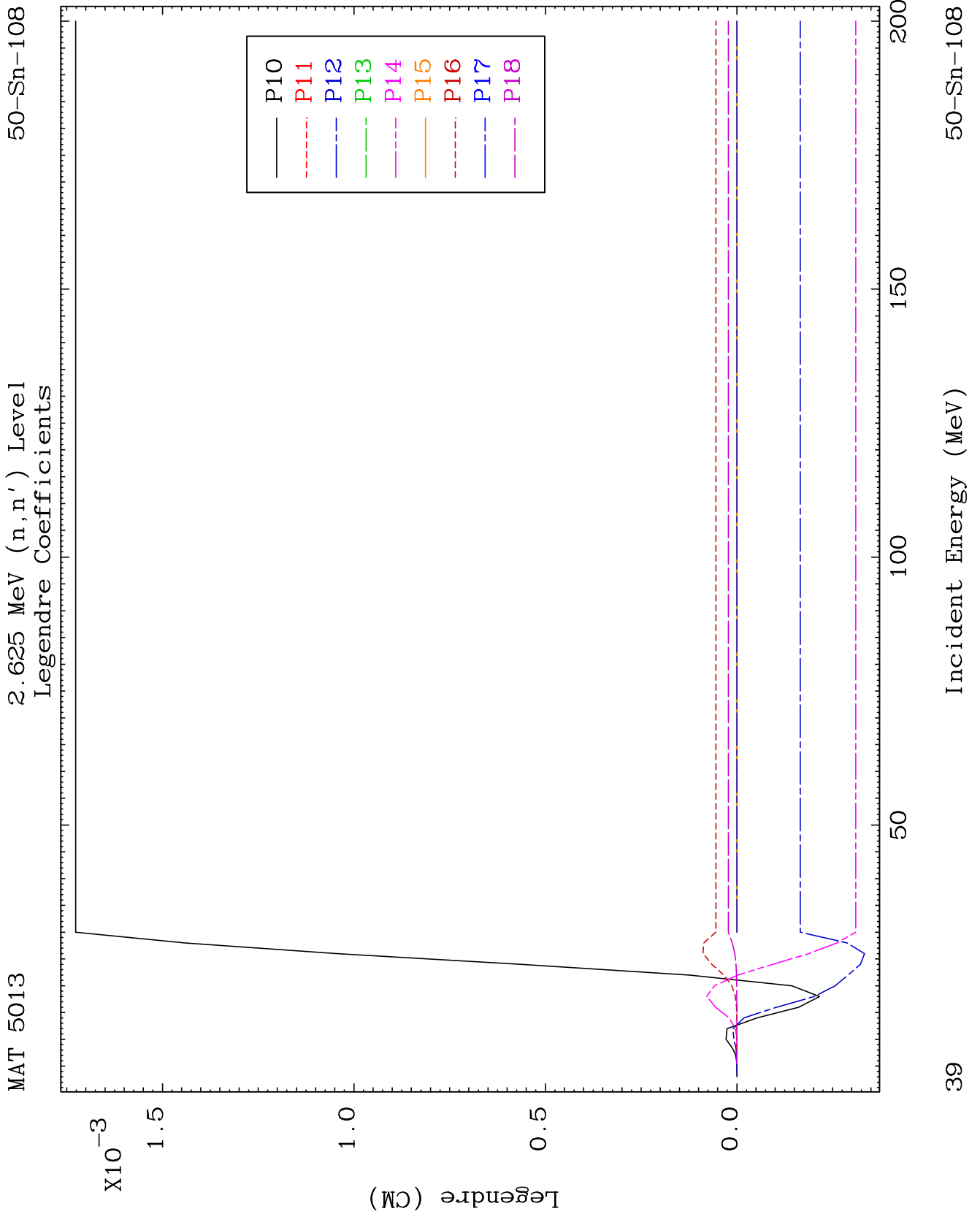


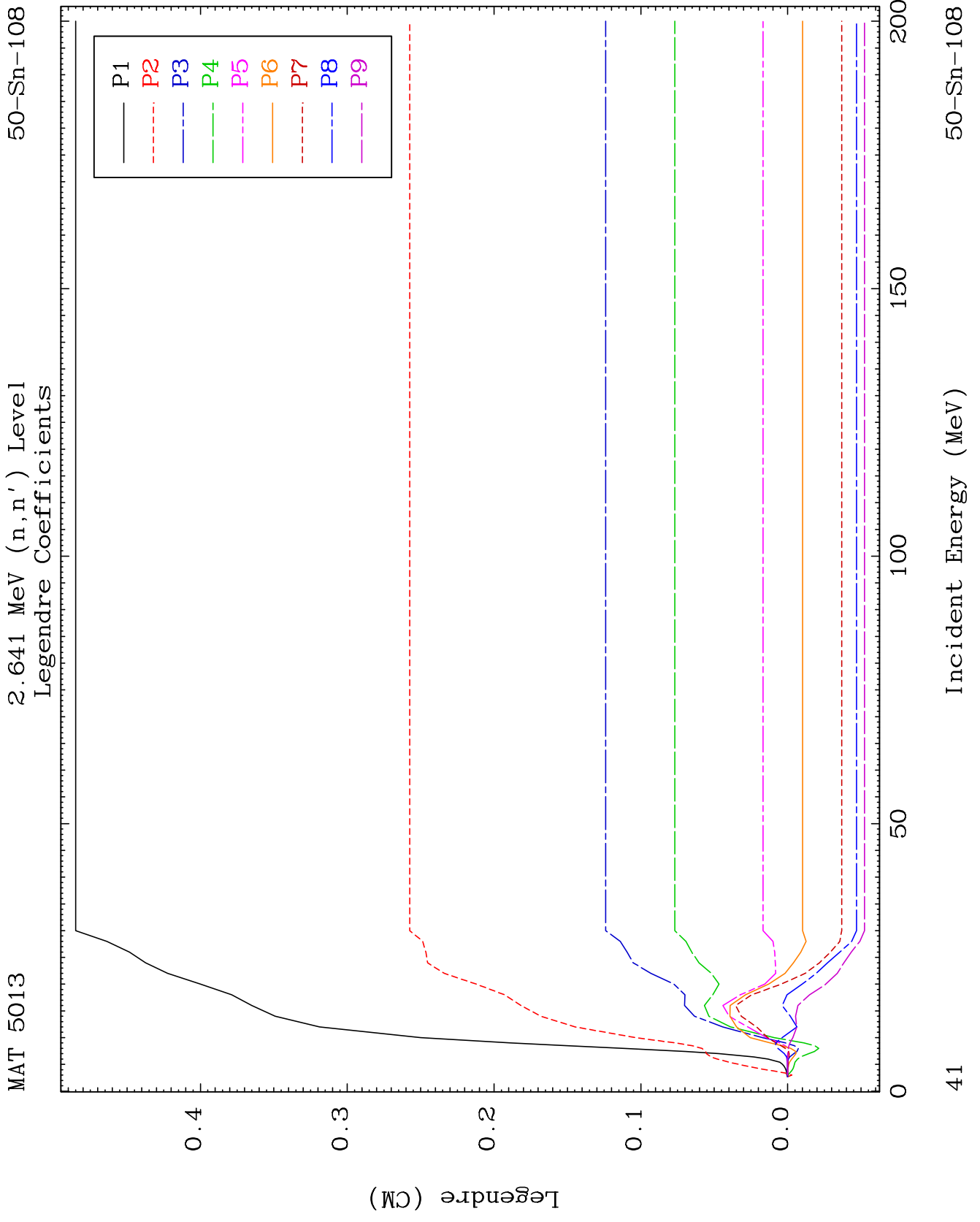


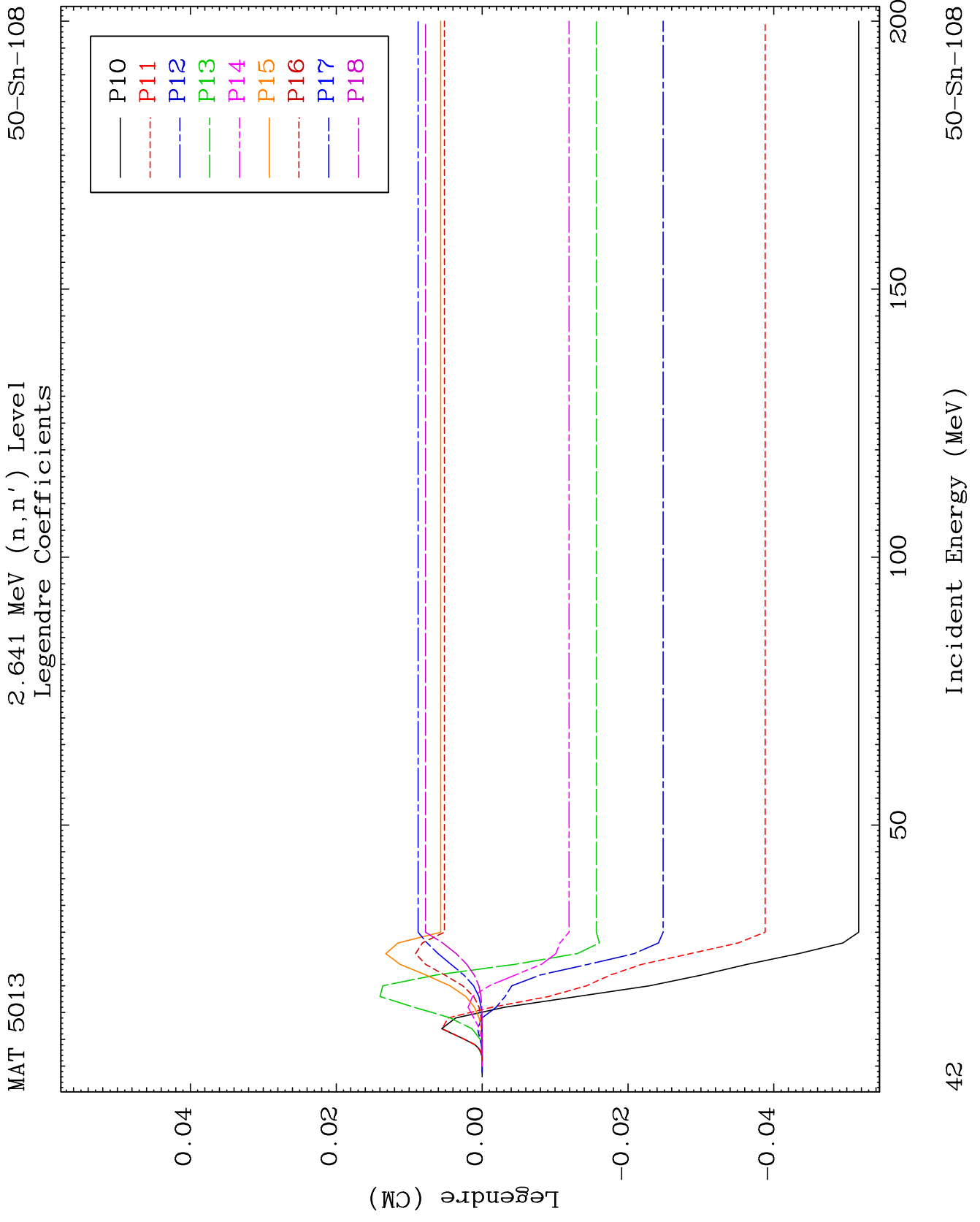


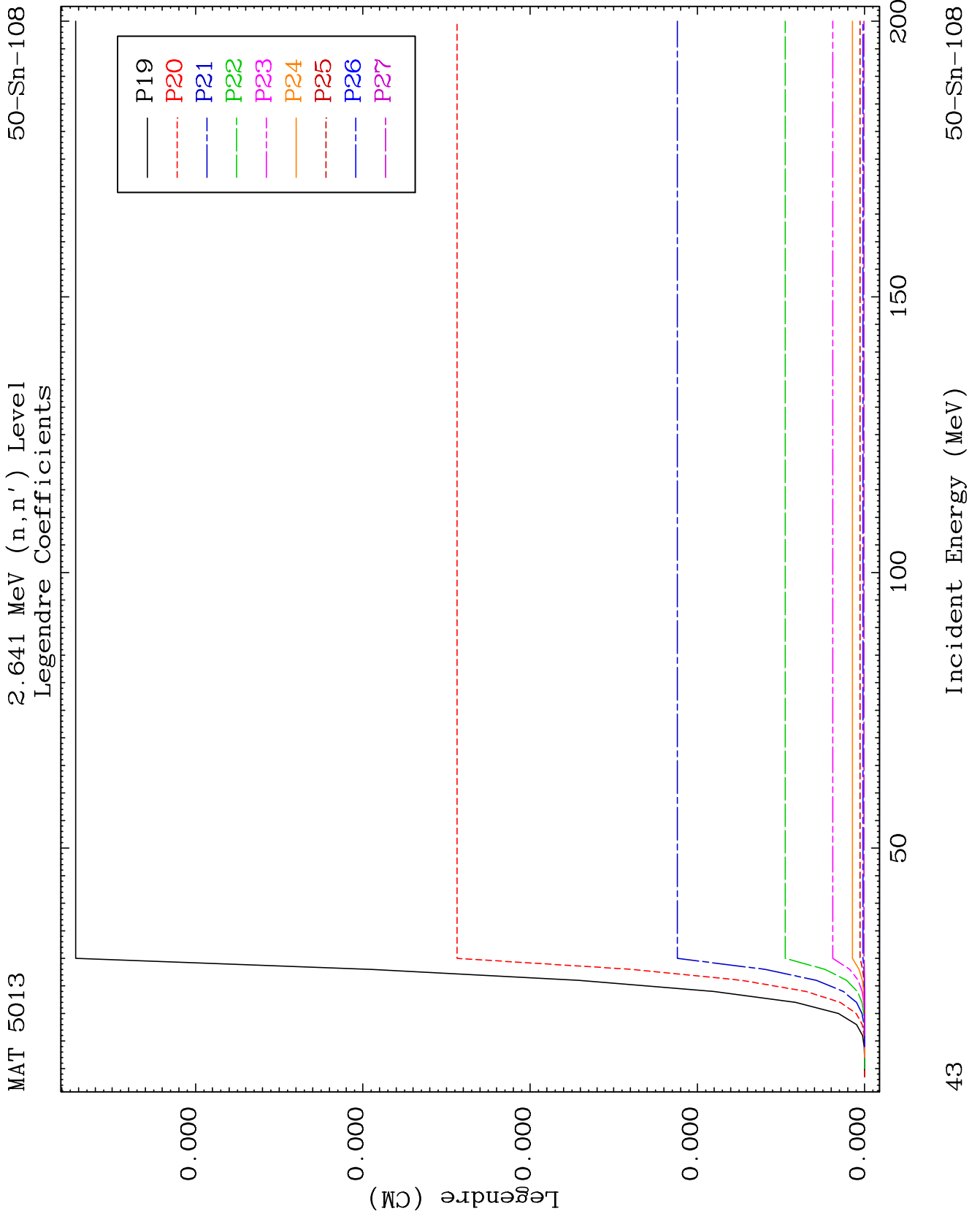


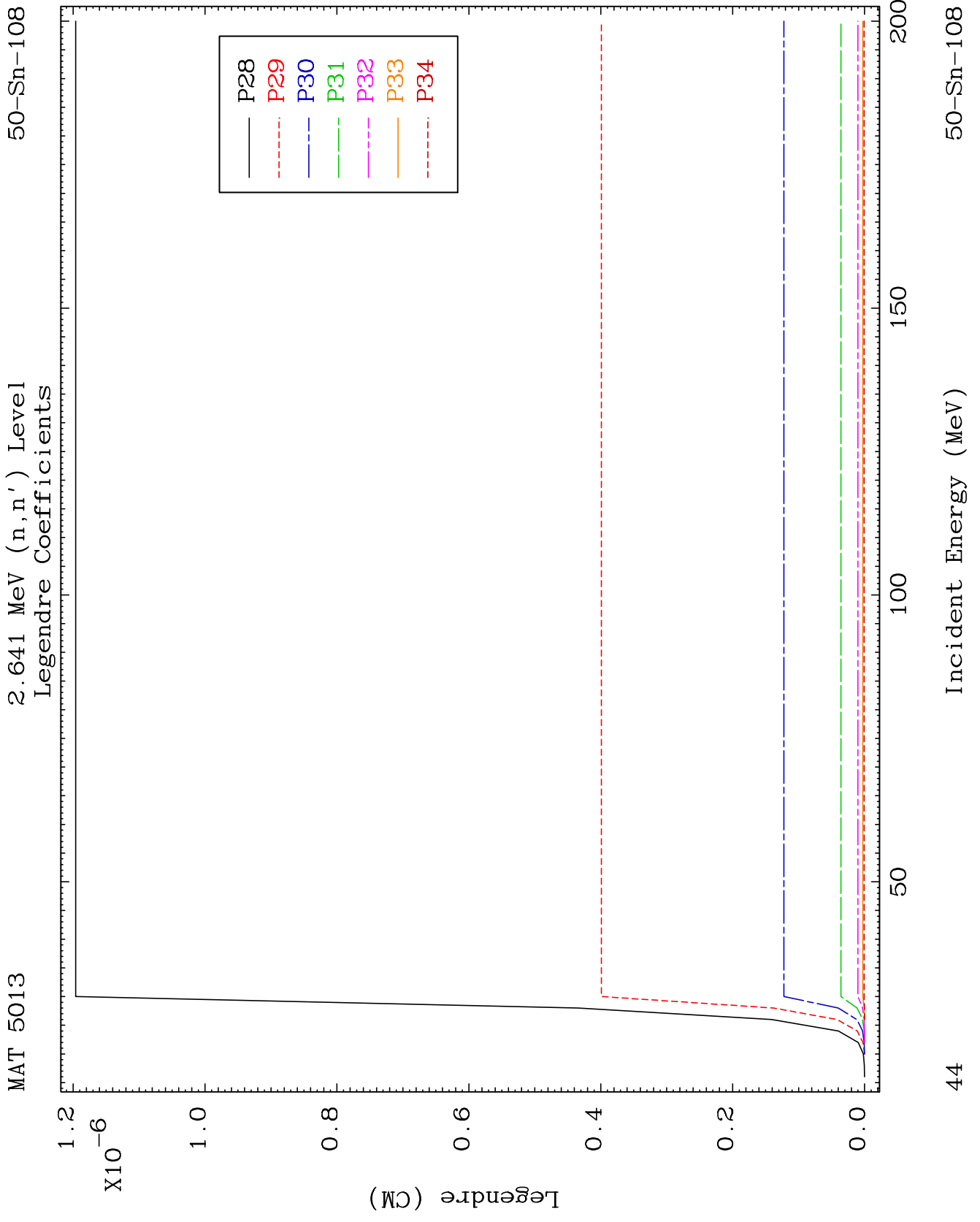


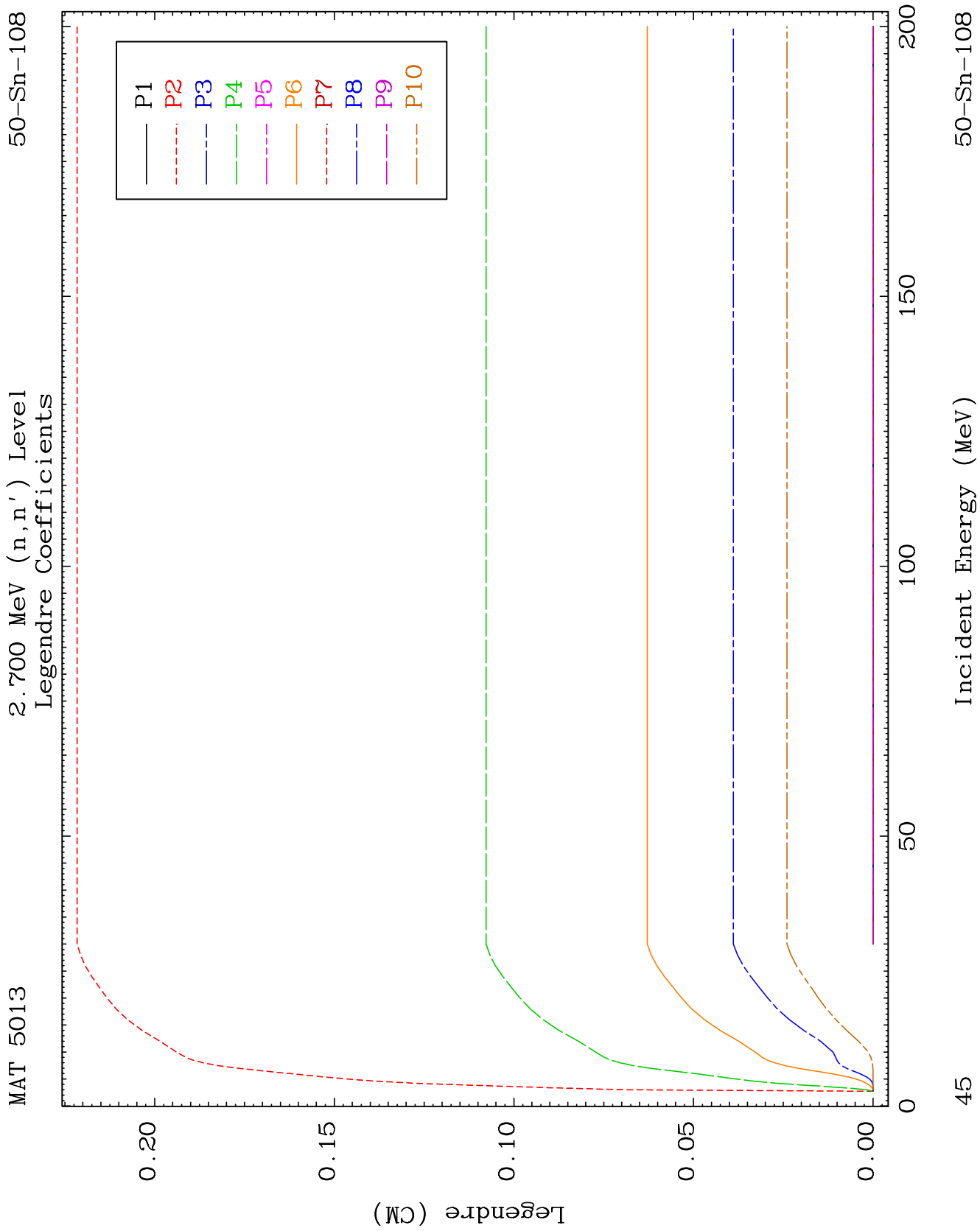


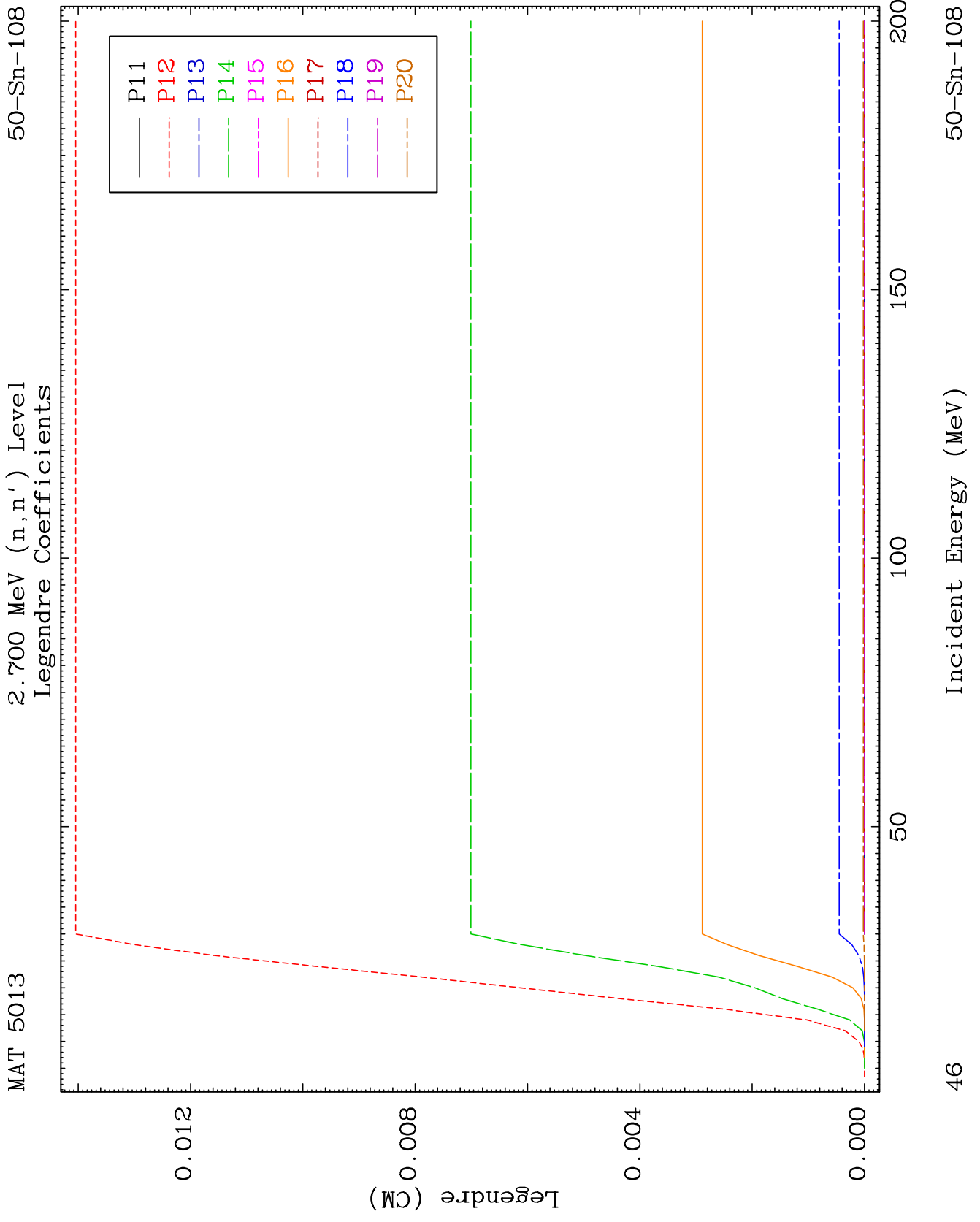












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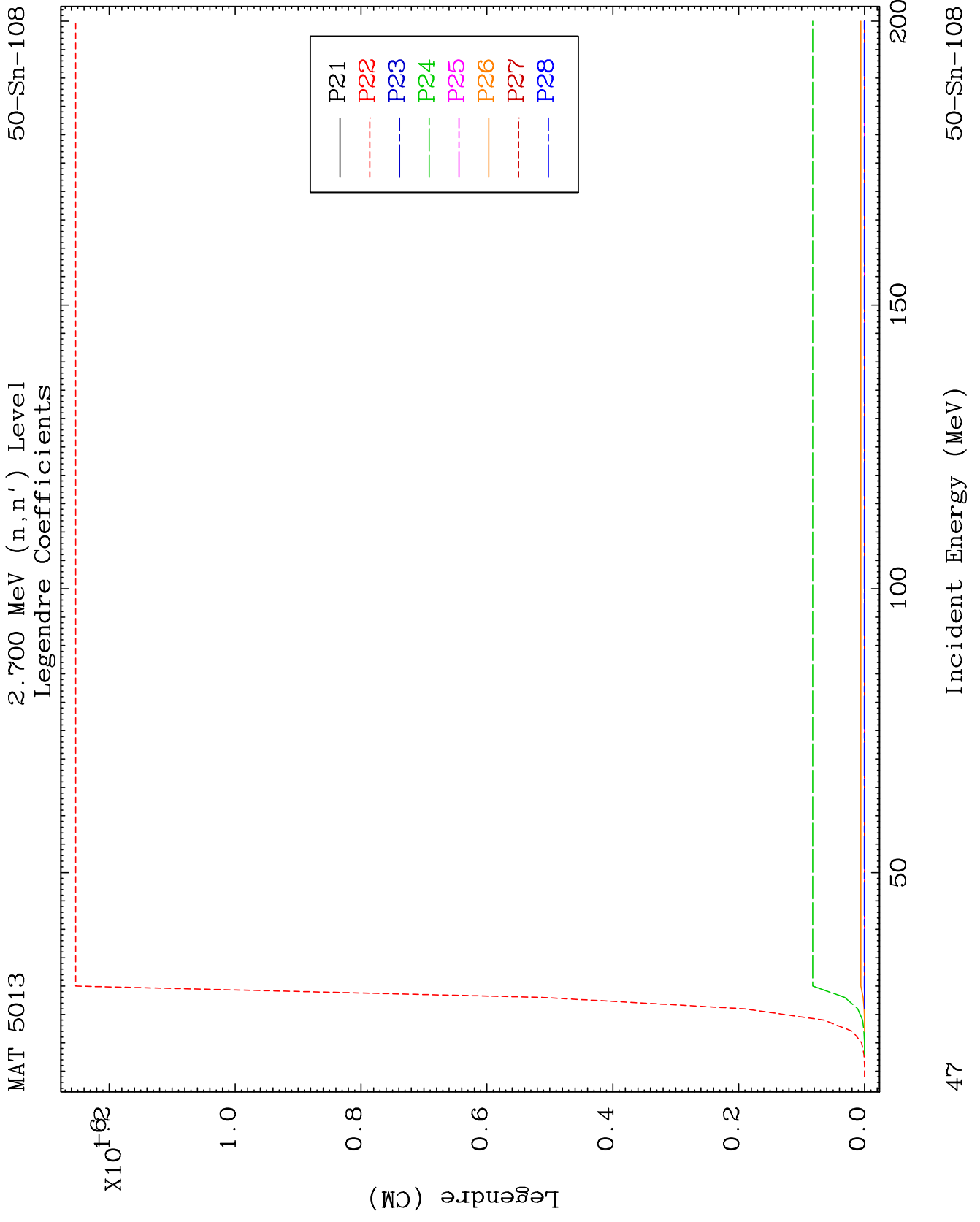
2.700 MeV (n,n') Level

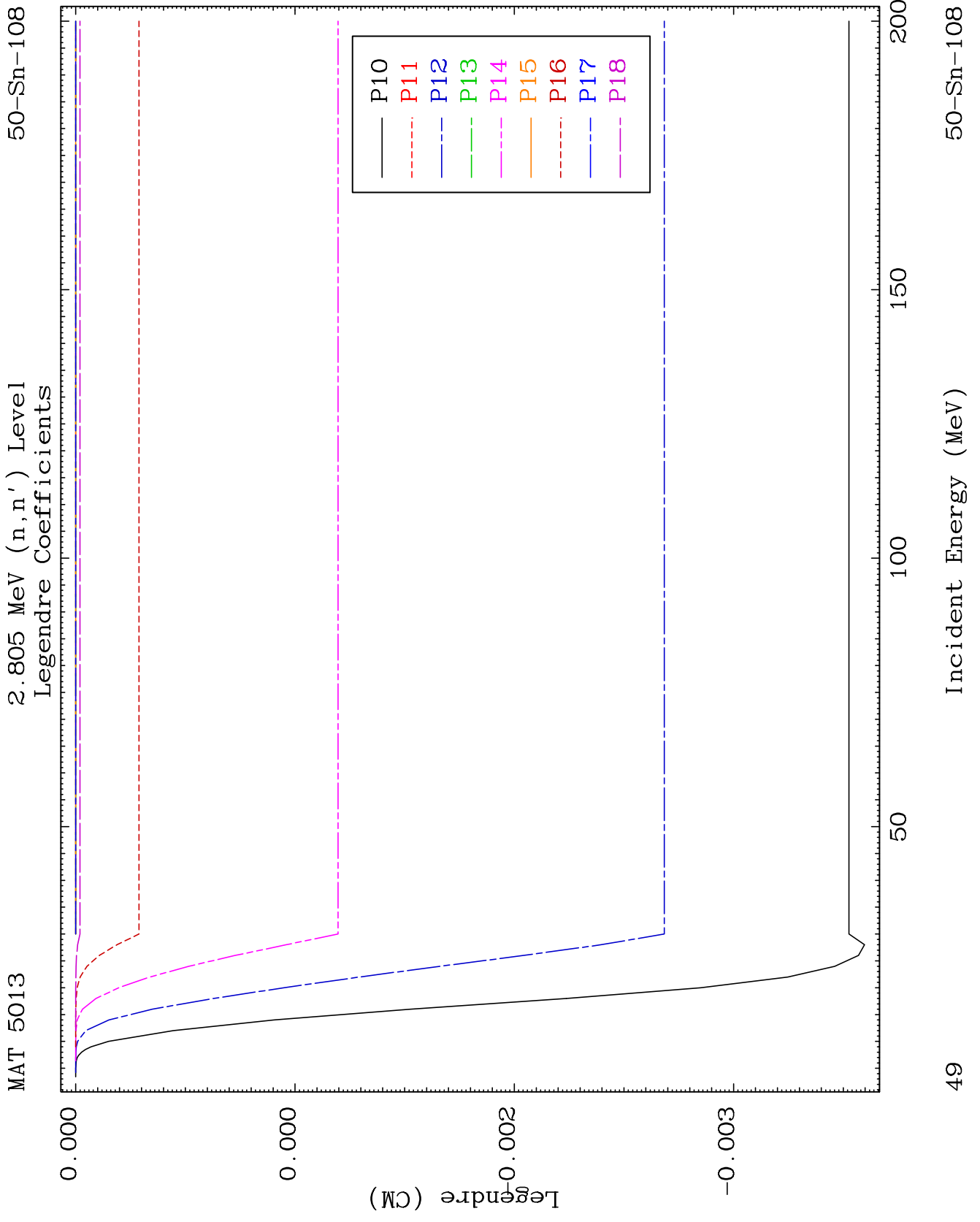
50-Sn-108

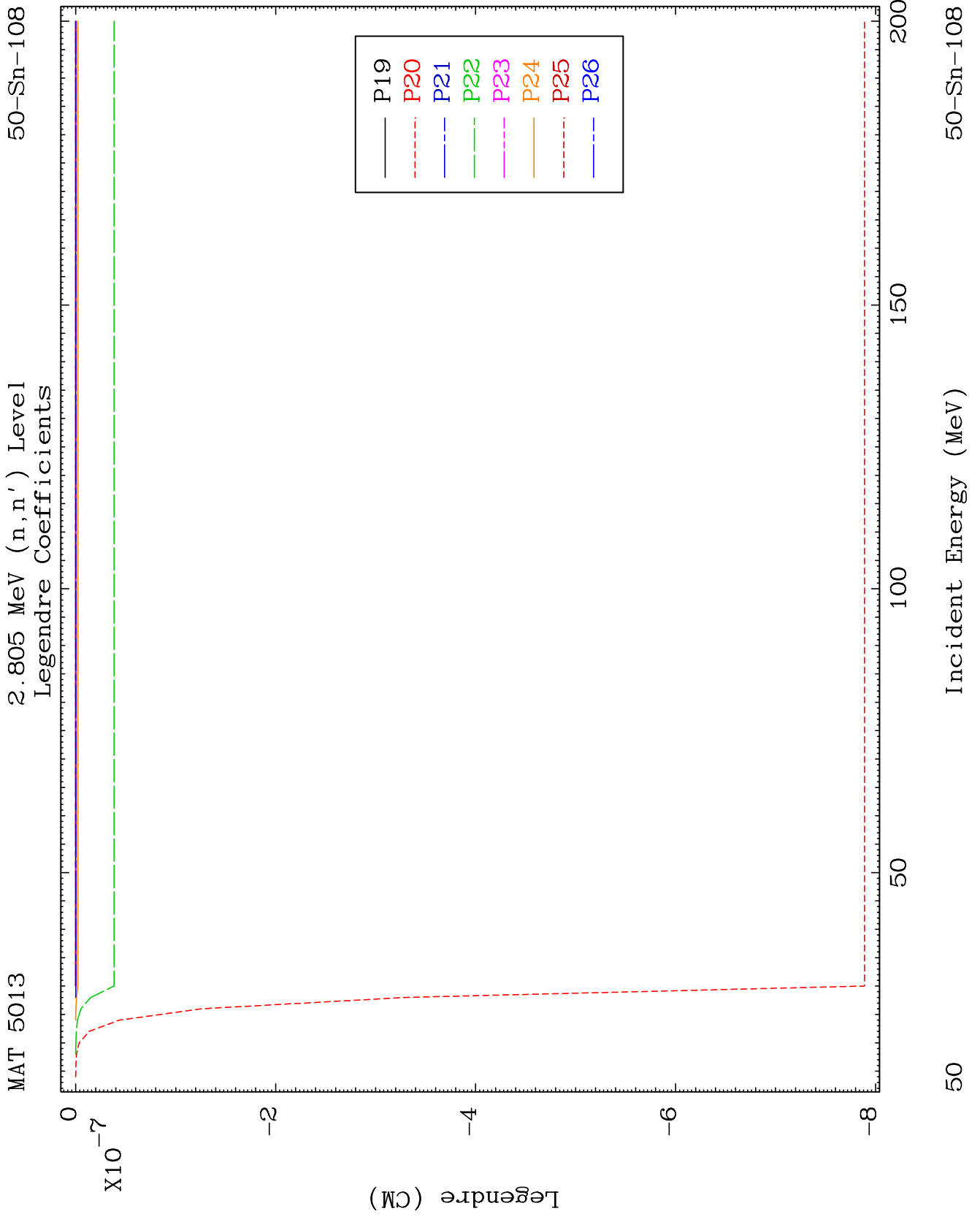
46

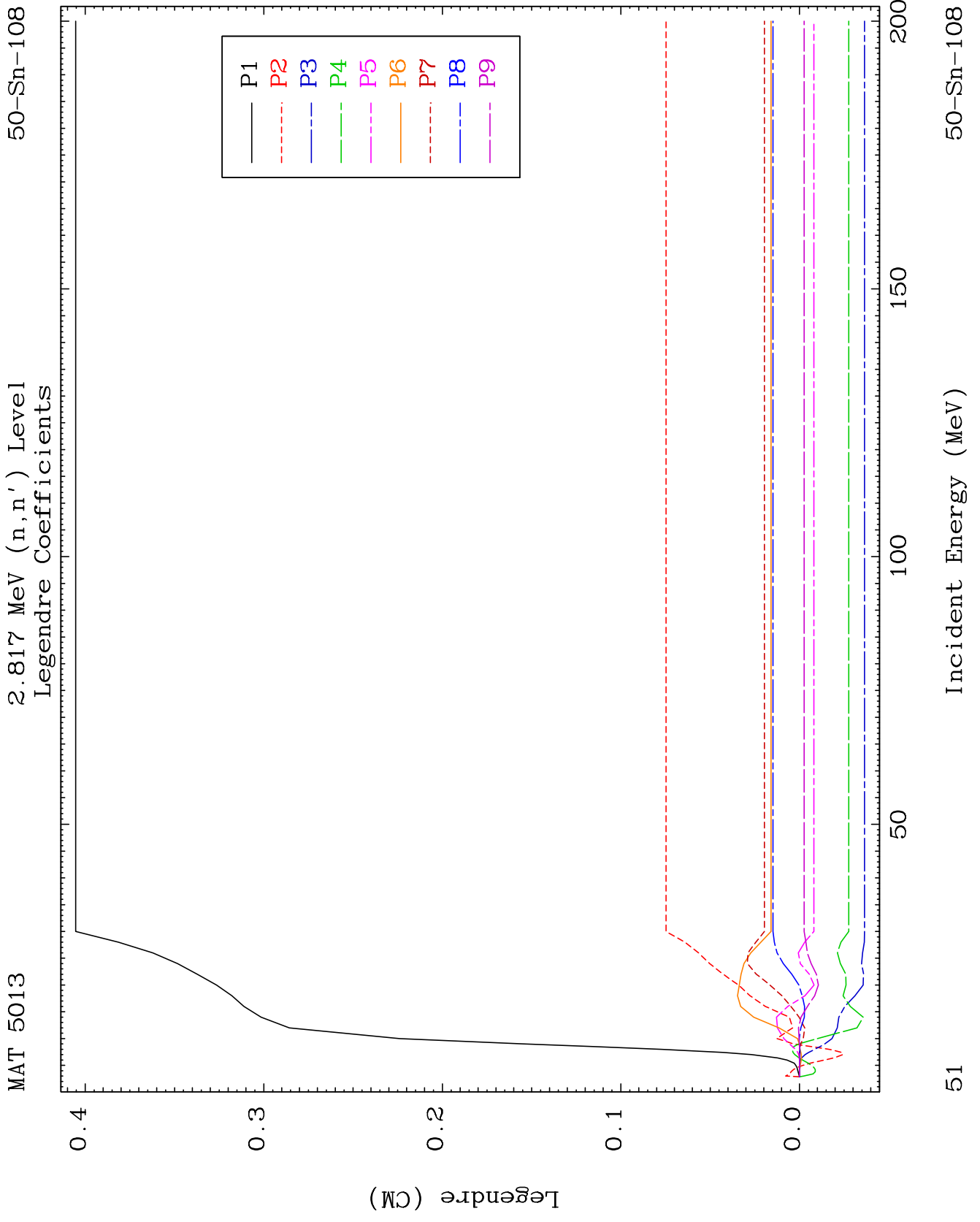
Incident Energy (MeV)

50-Sn-108





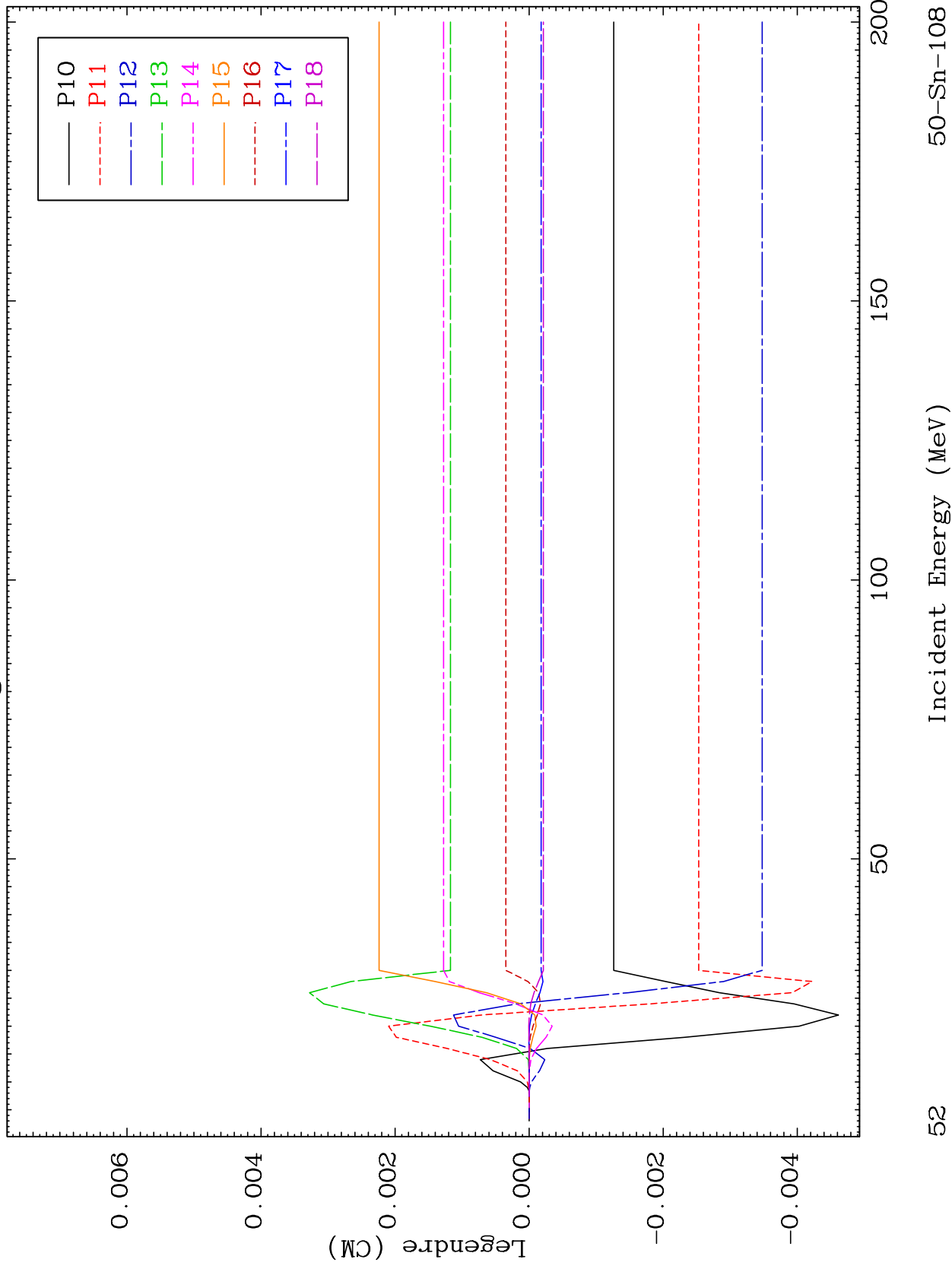




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2.817 MeV (n,n') Level
Legendre Coefficients

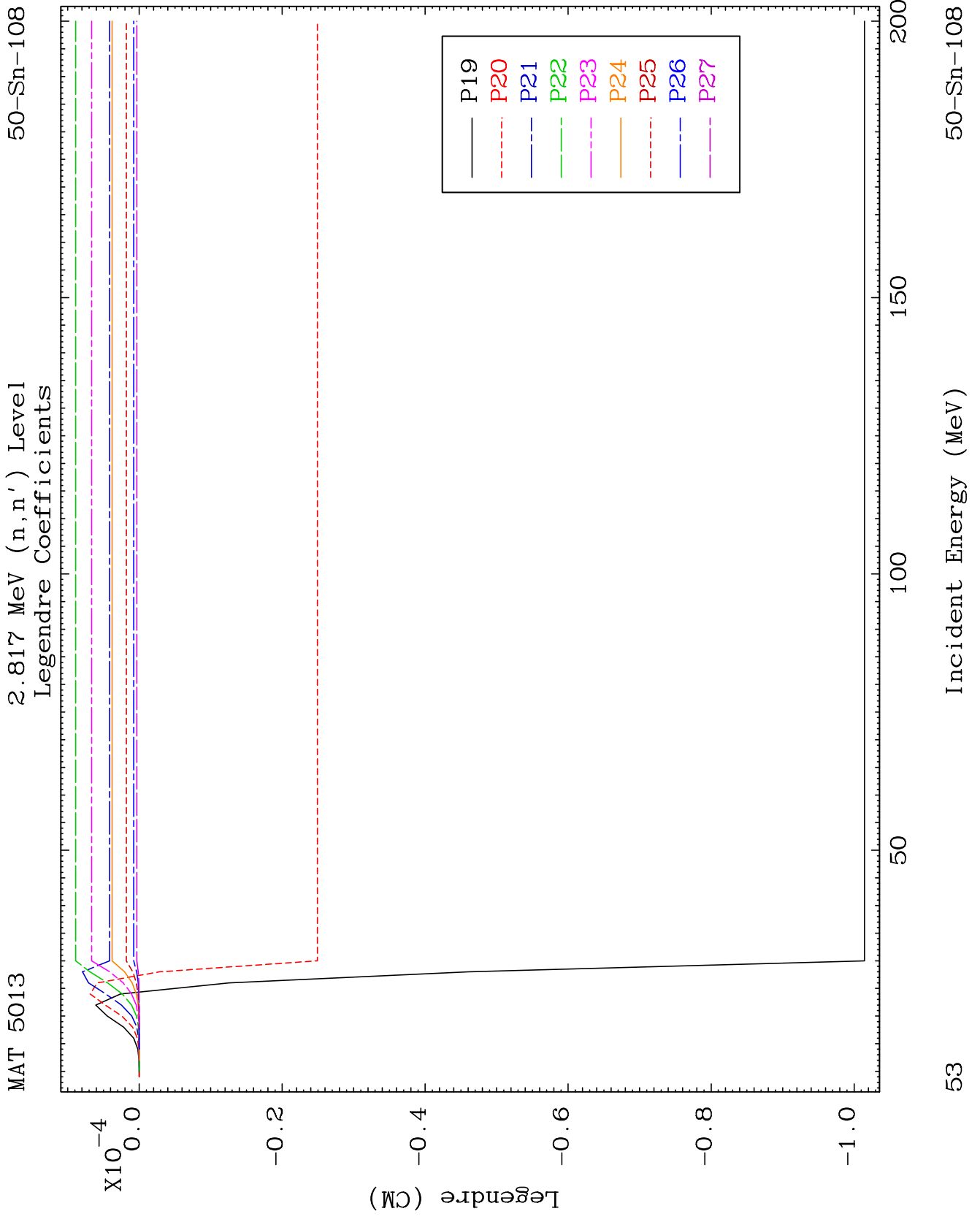
50-Sn-108

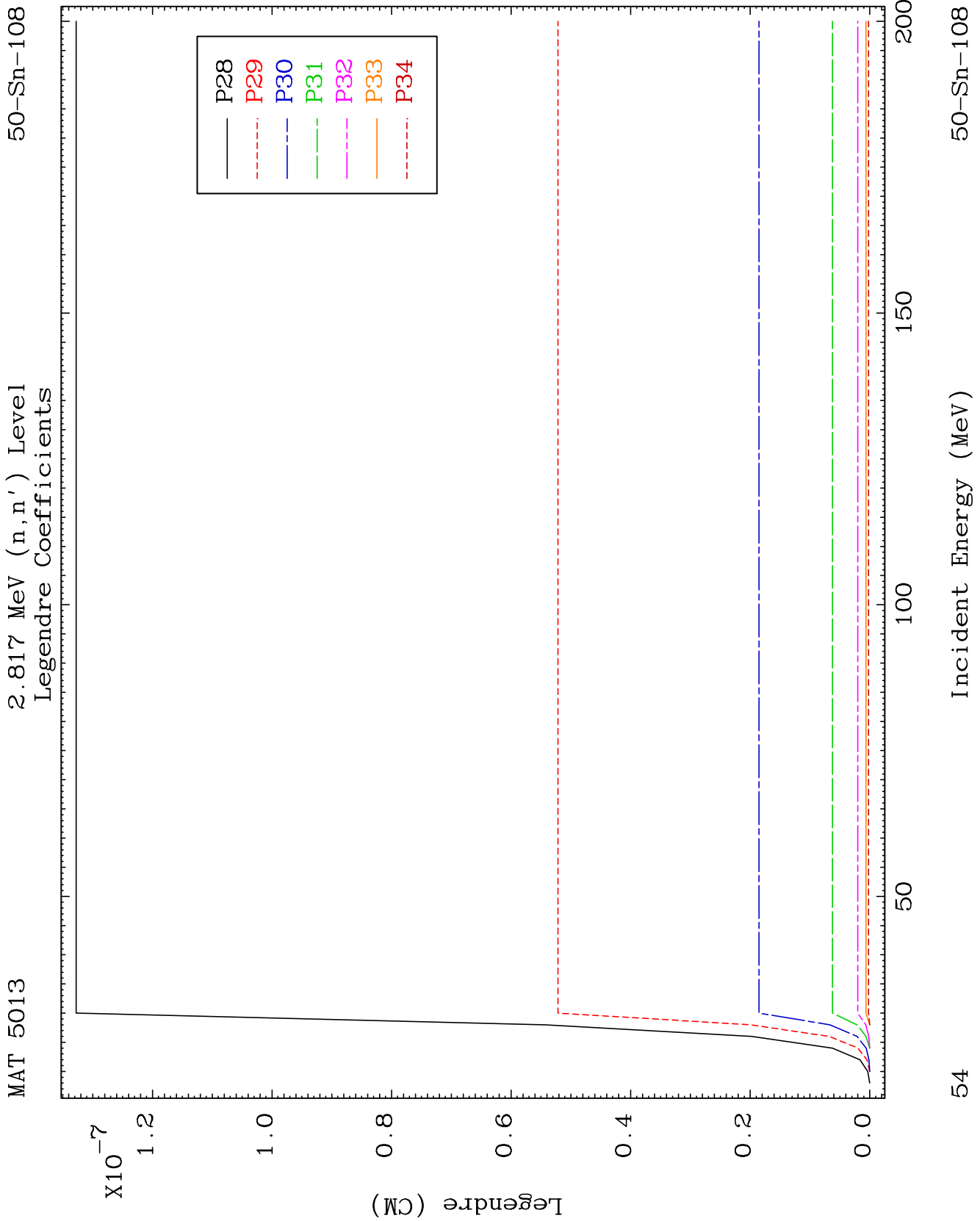


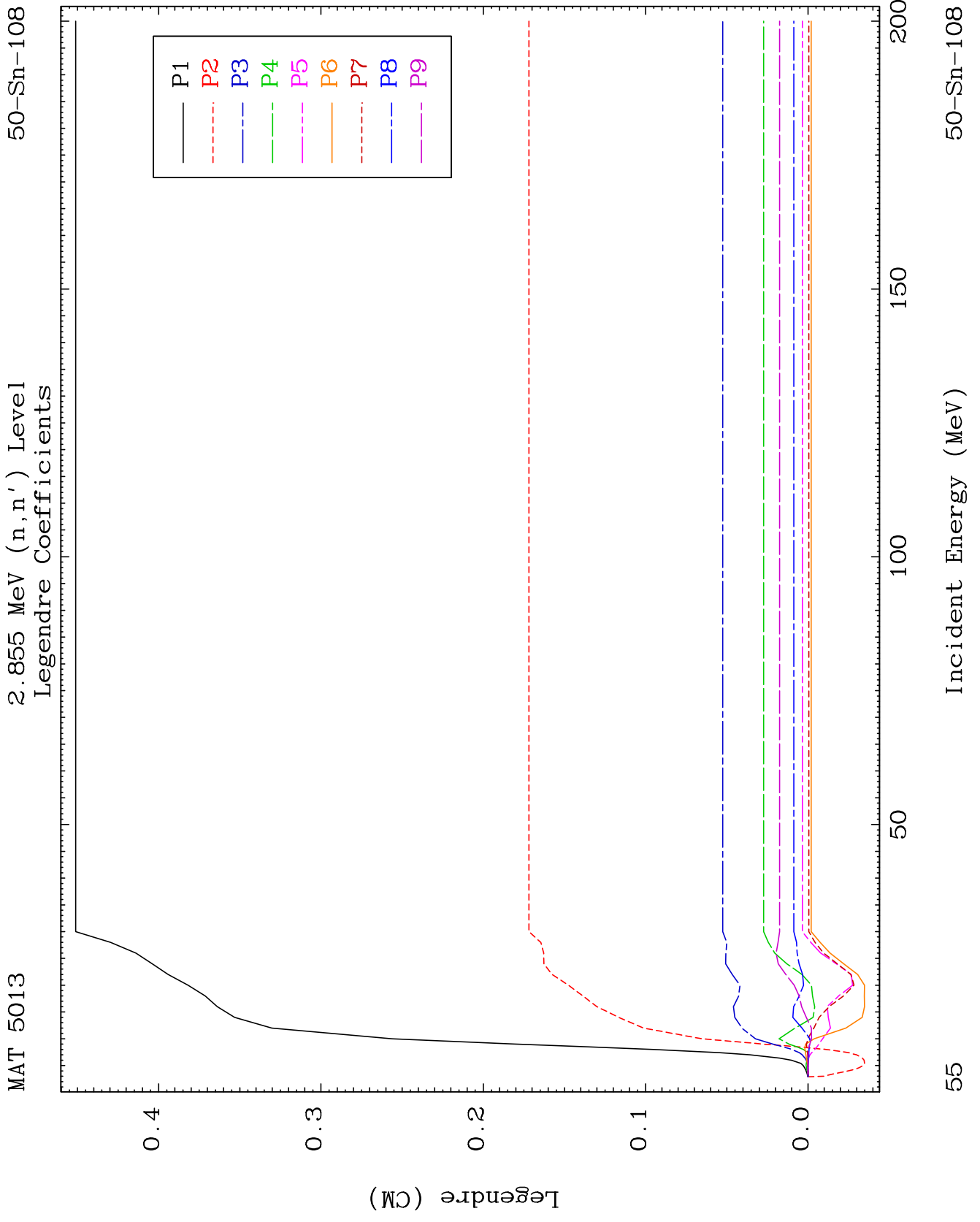
52

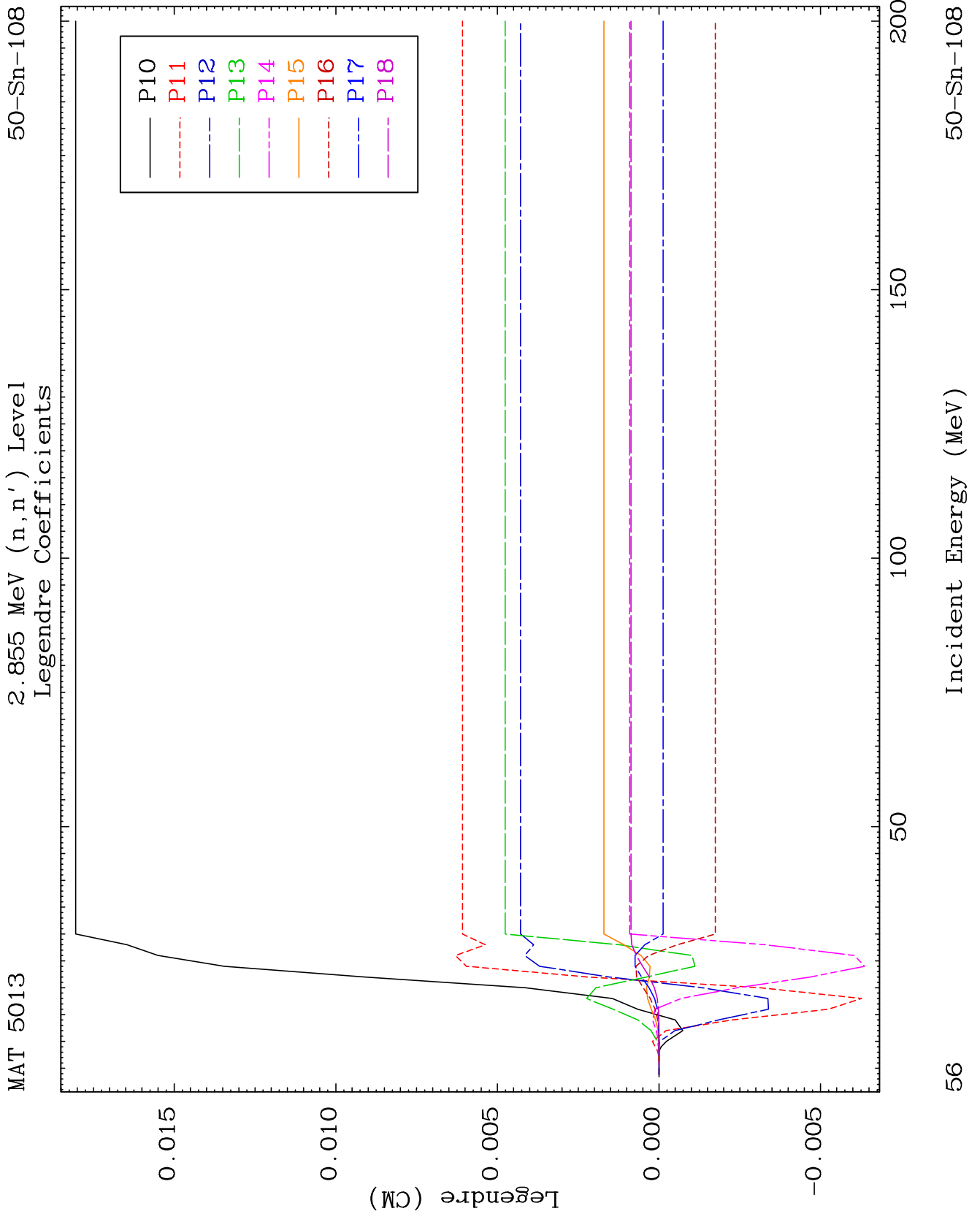
Incident Energy (MeV)

50-Sn-108





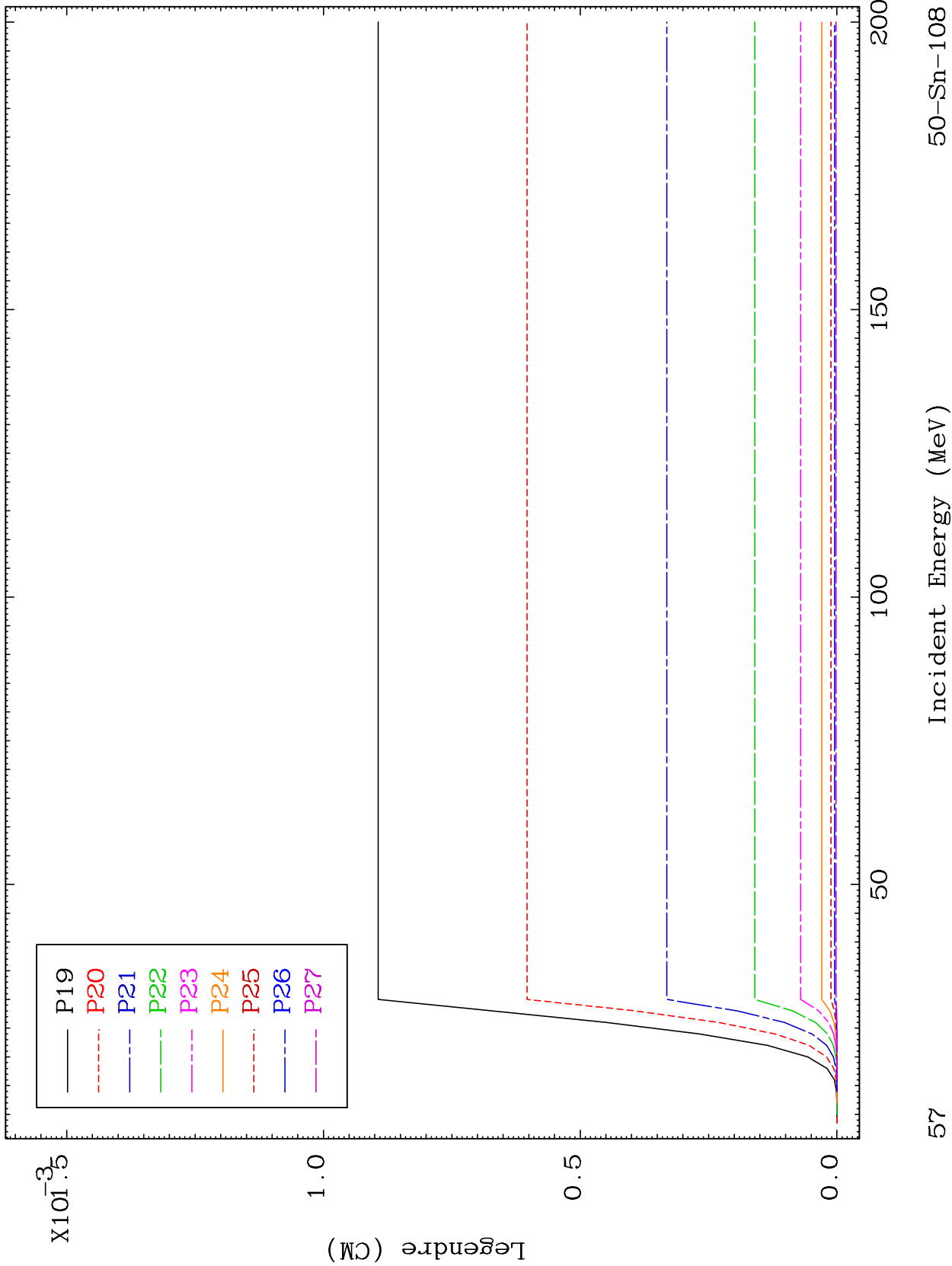


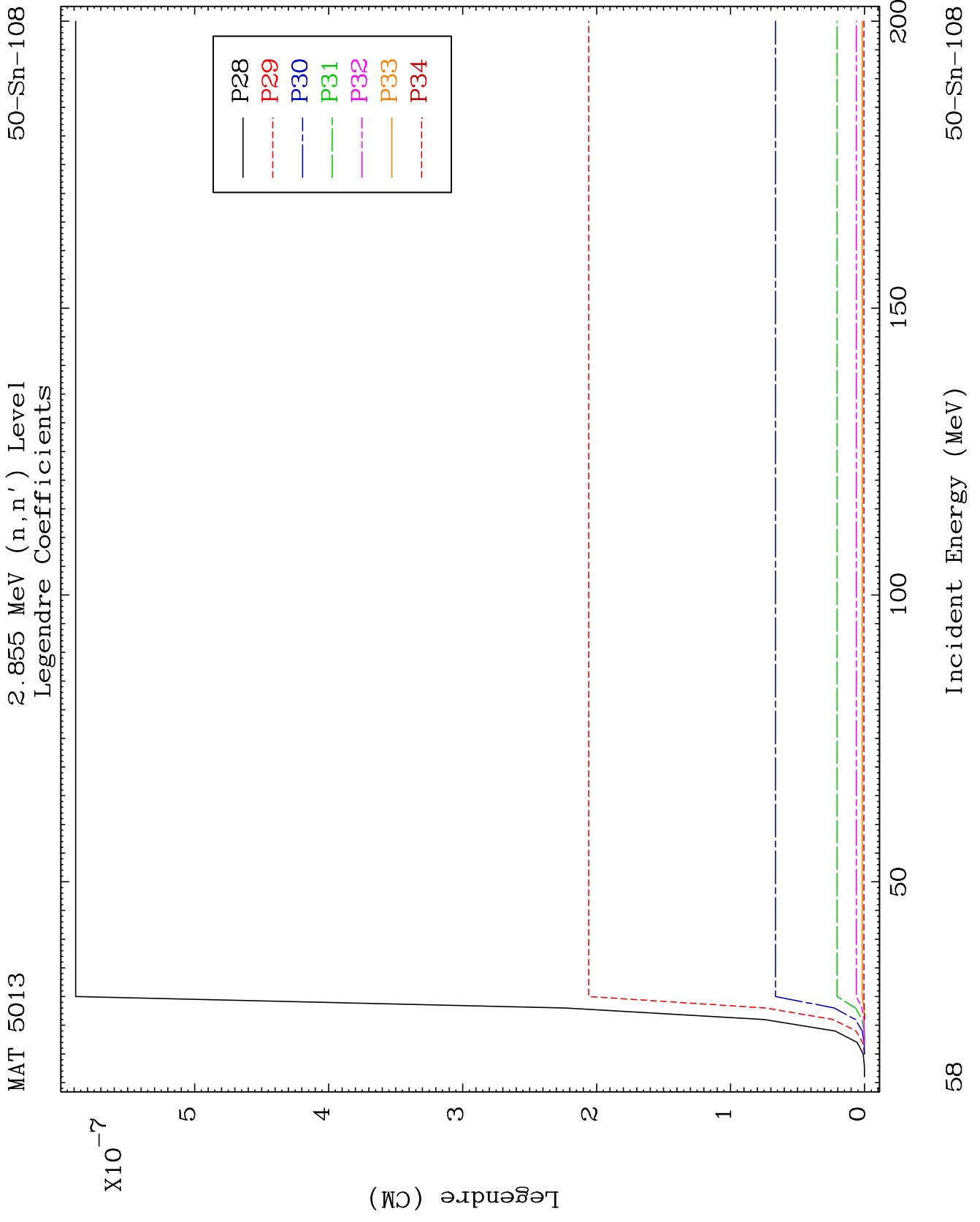


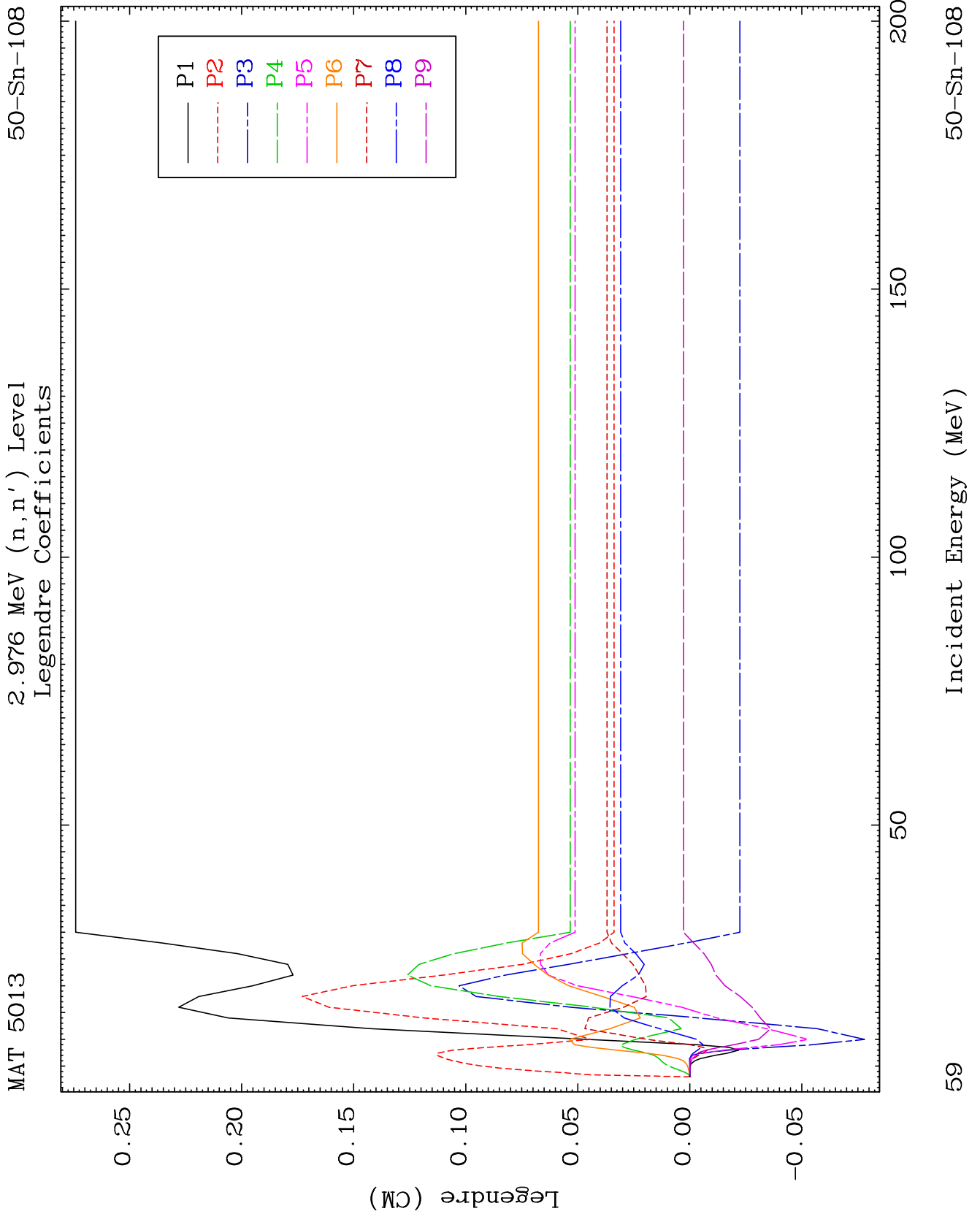
MAT 5013

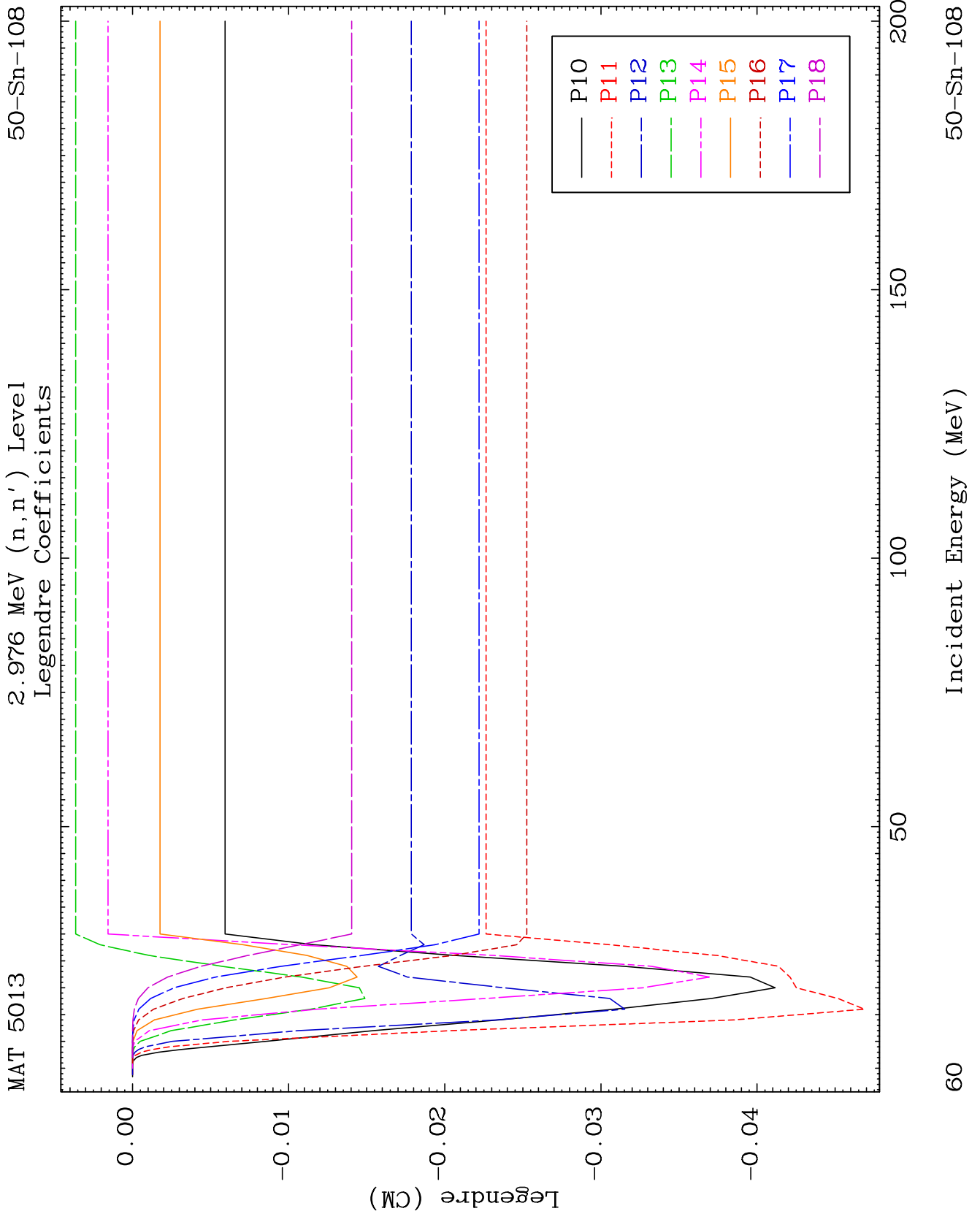
2.855 MeV (n,n') Level
Legendre Coefficients

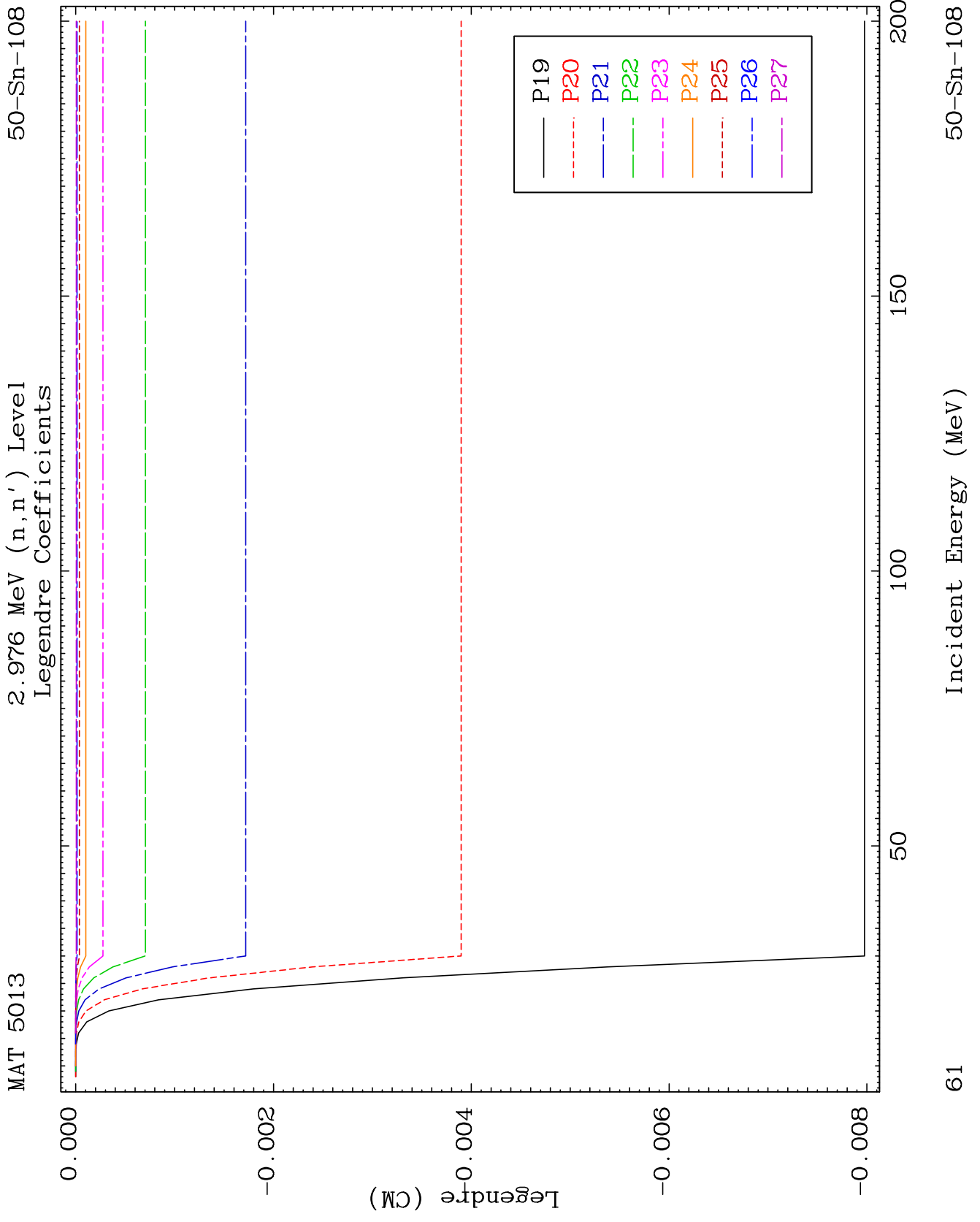
50-Sn-108

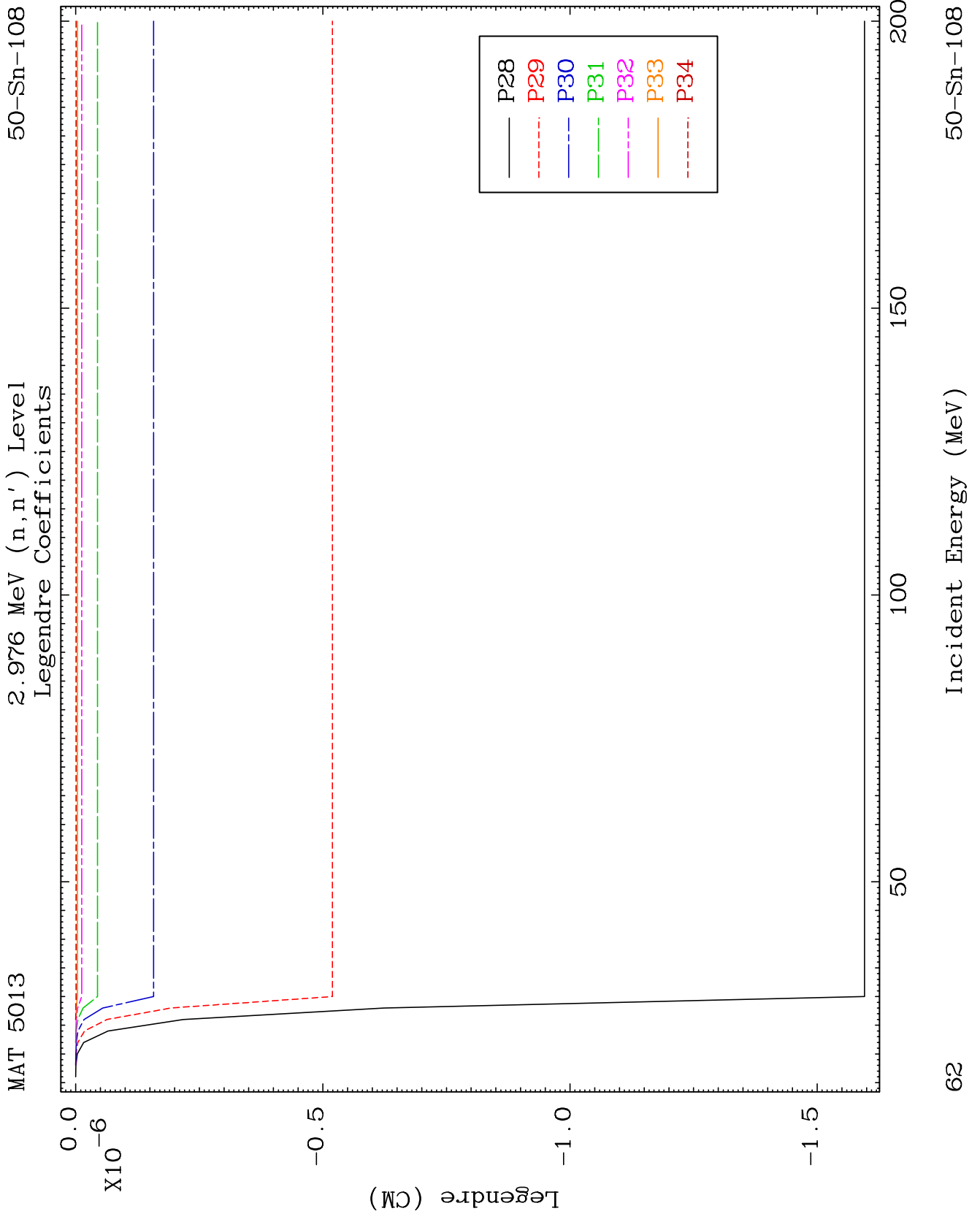












MAT 5013

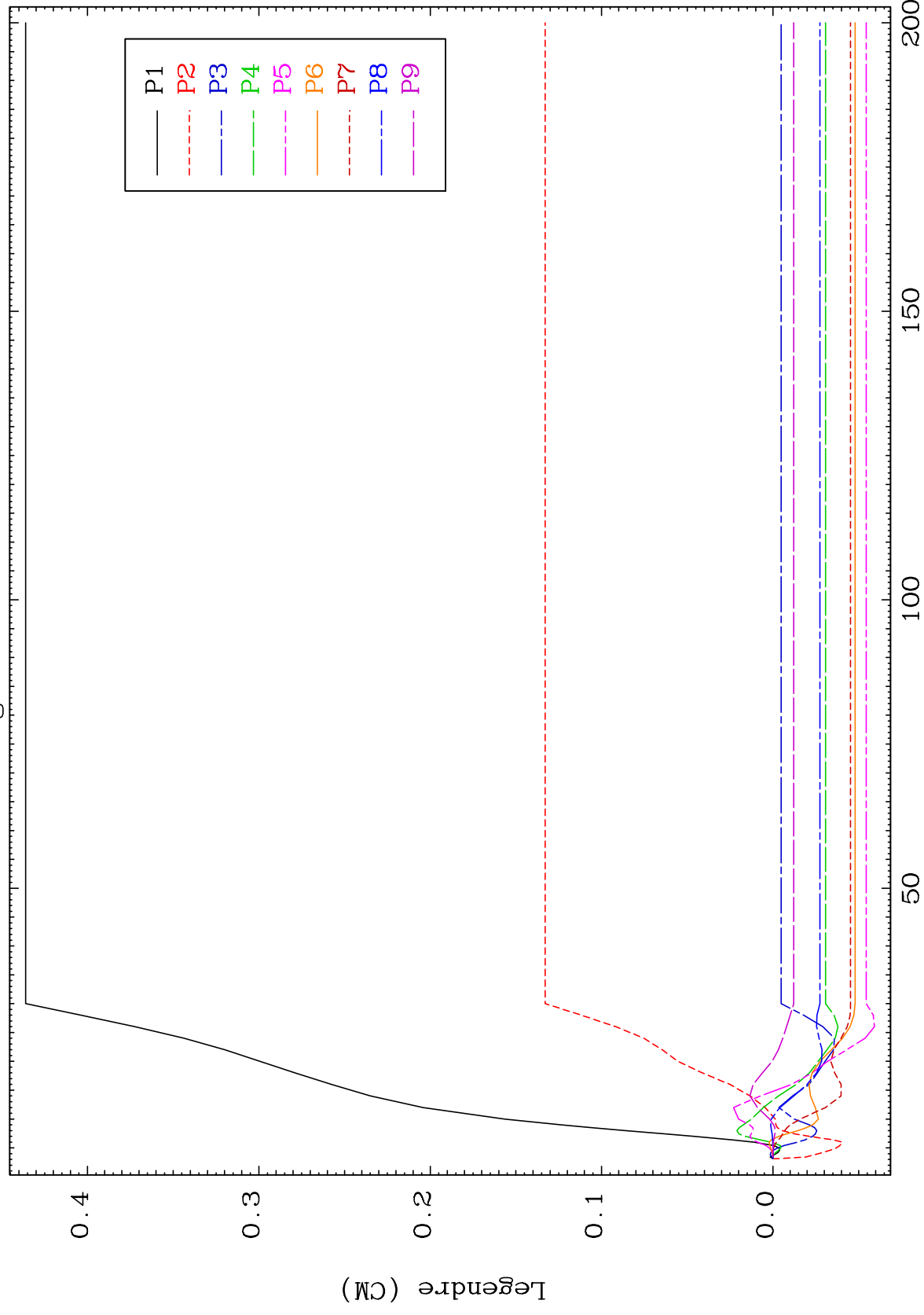
2.976 MeV (n,n') Level

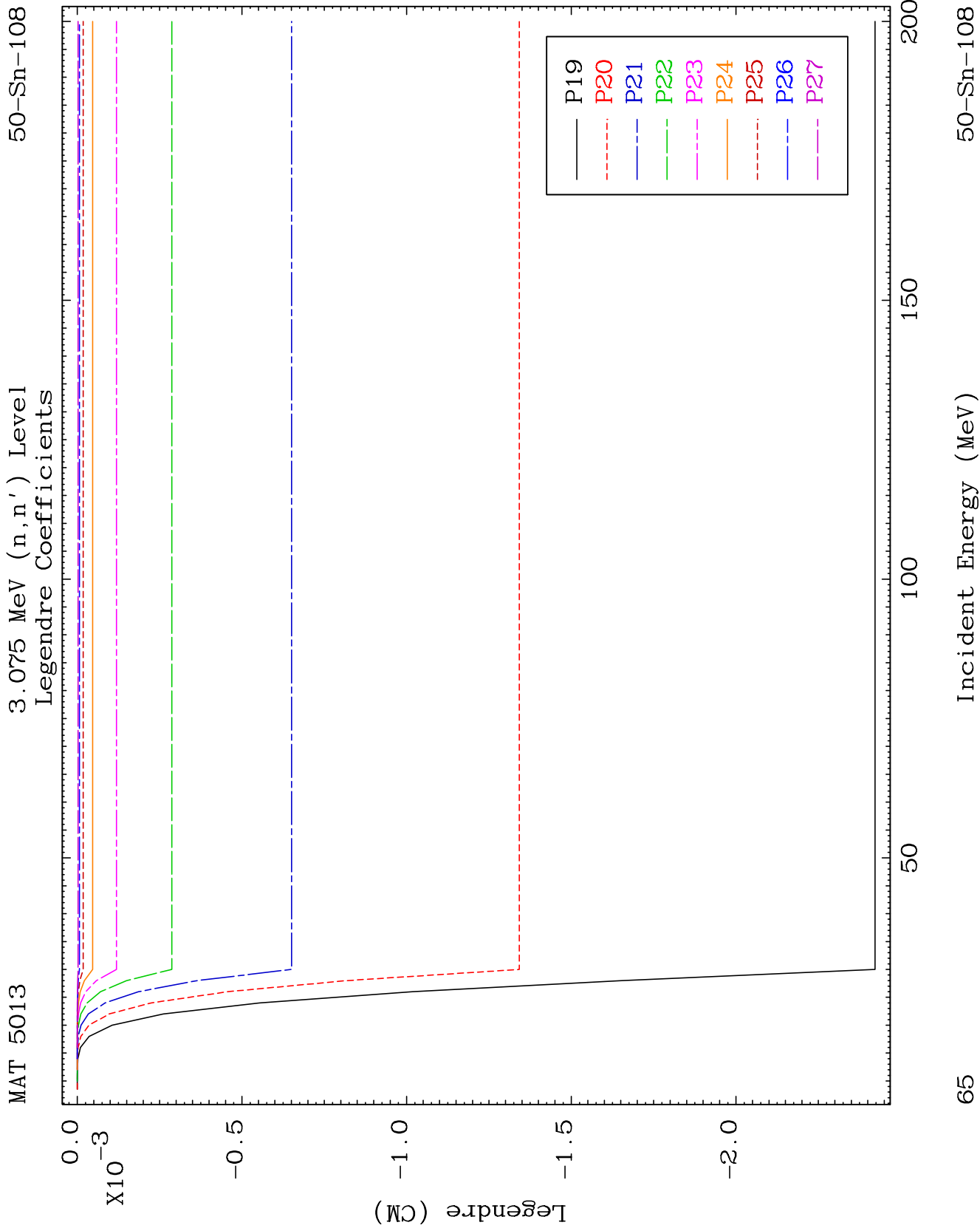
50-Sn-108

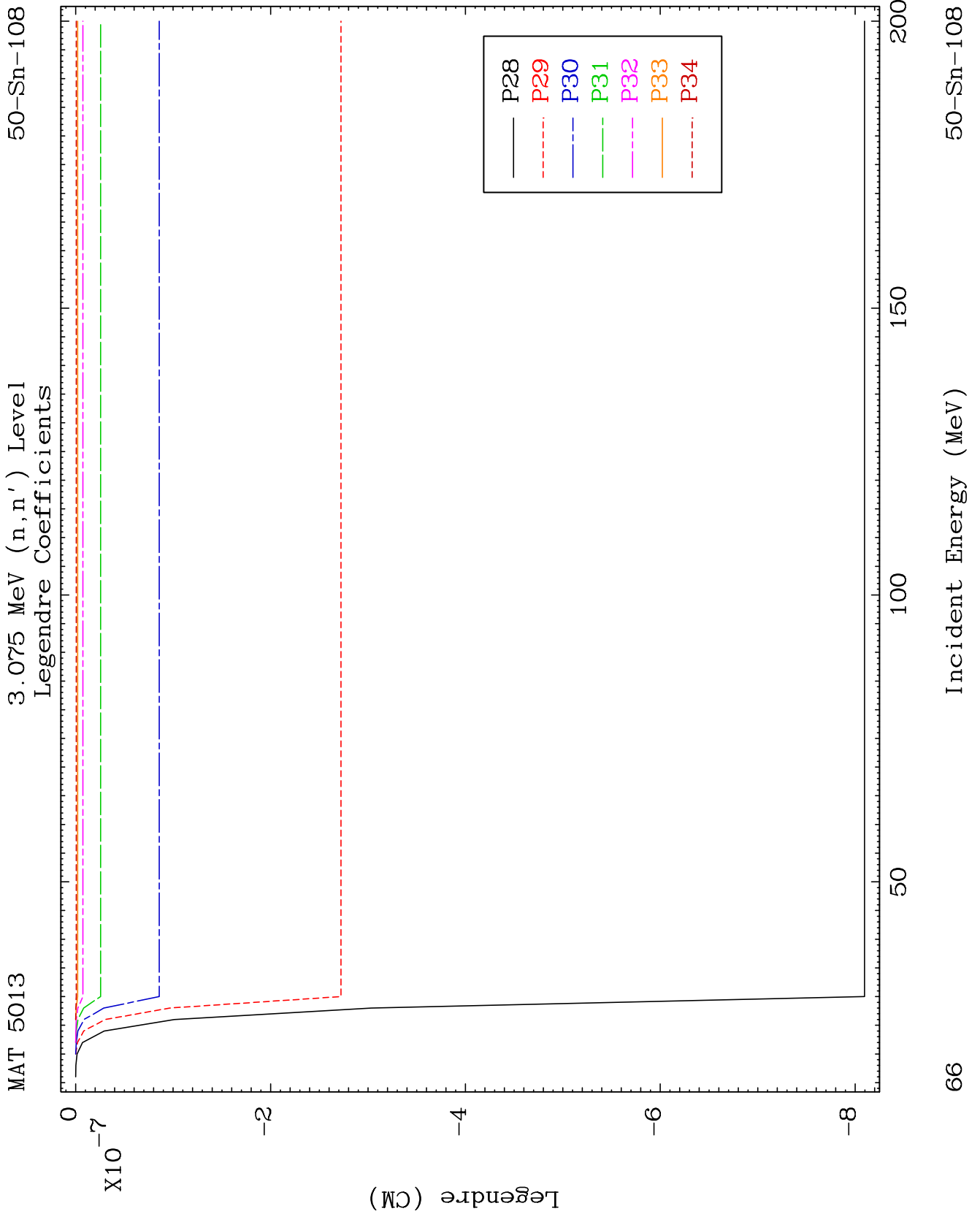
MAT 5013

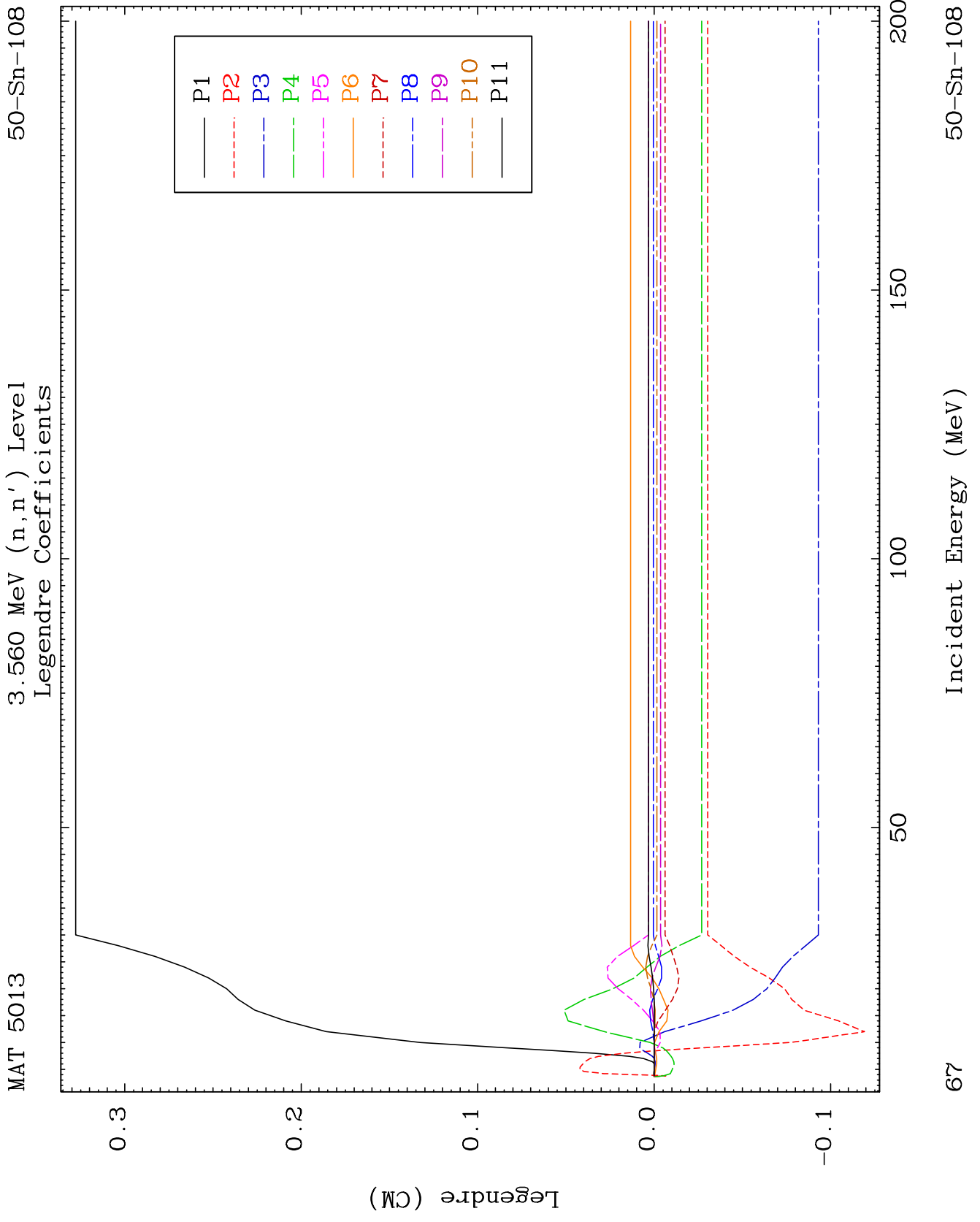
3.075 MeV (n,n') Level Legendre Coefficients

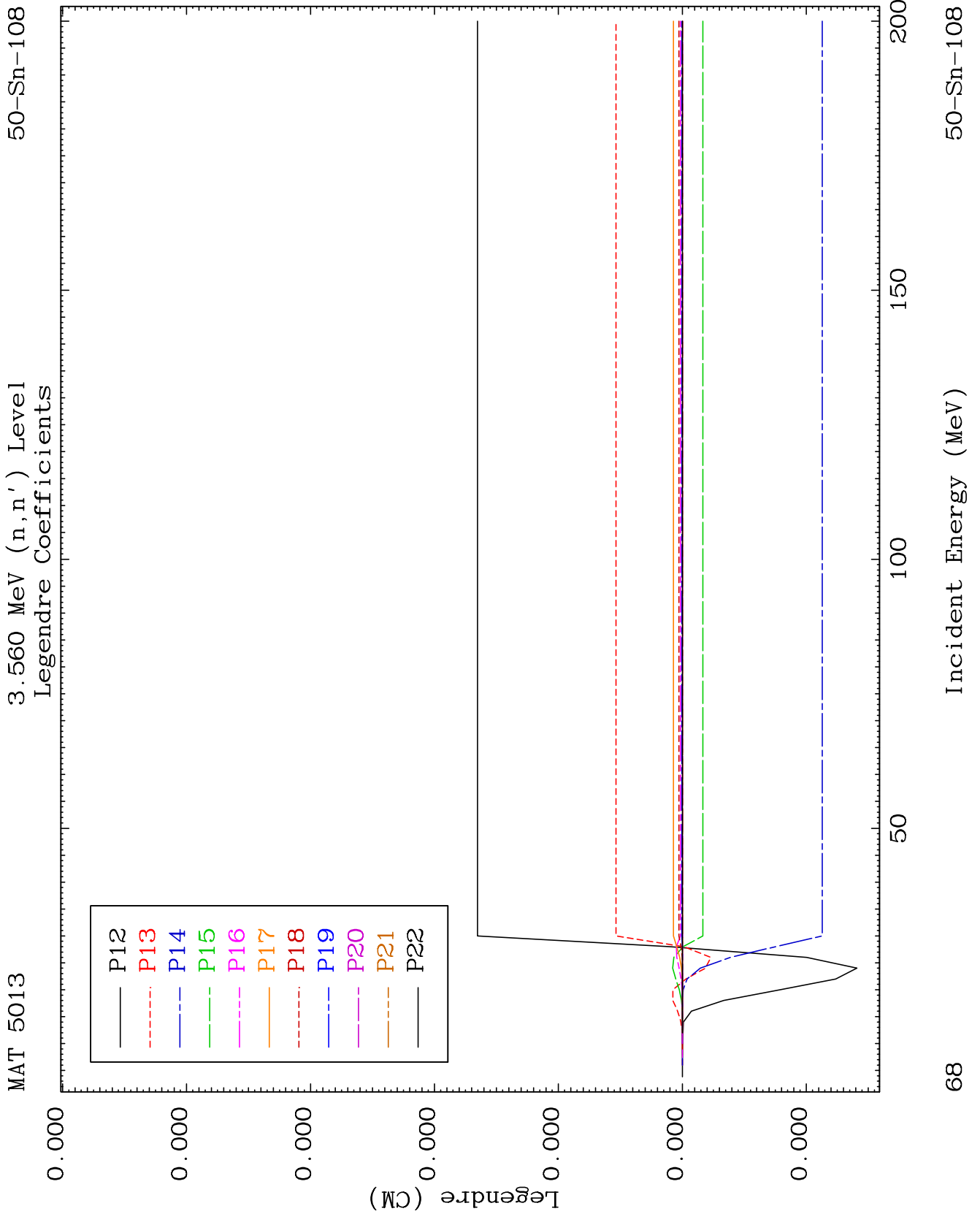
50-Sn-108

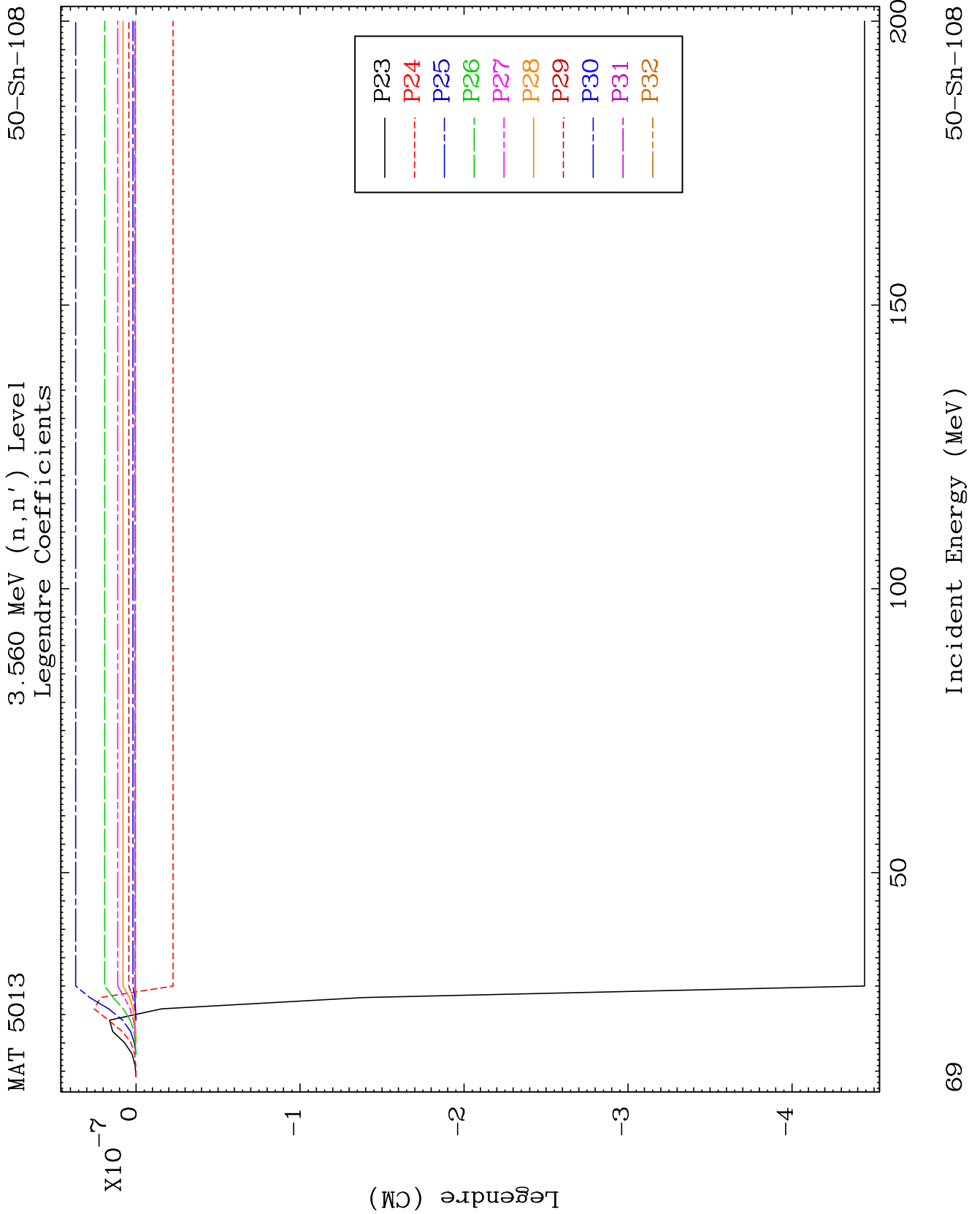


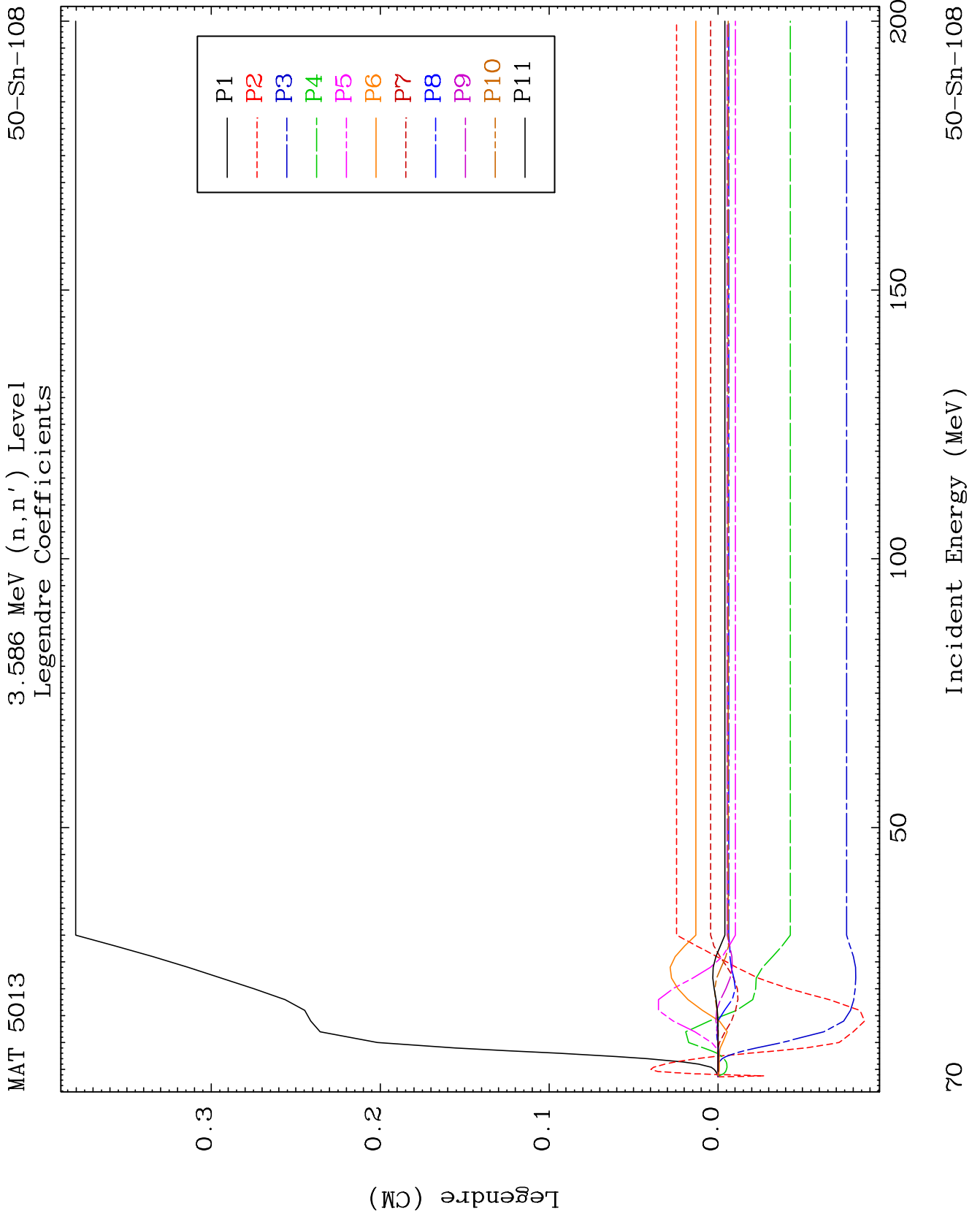


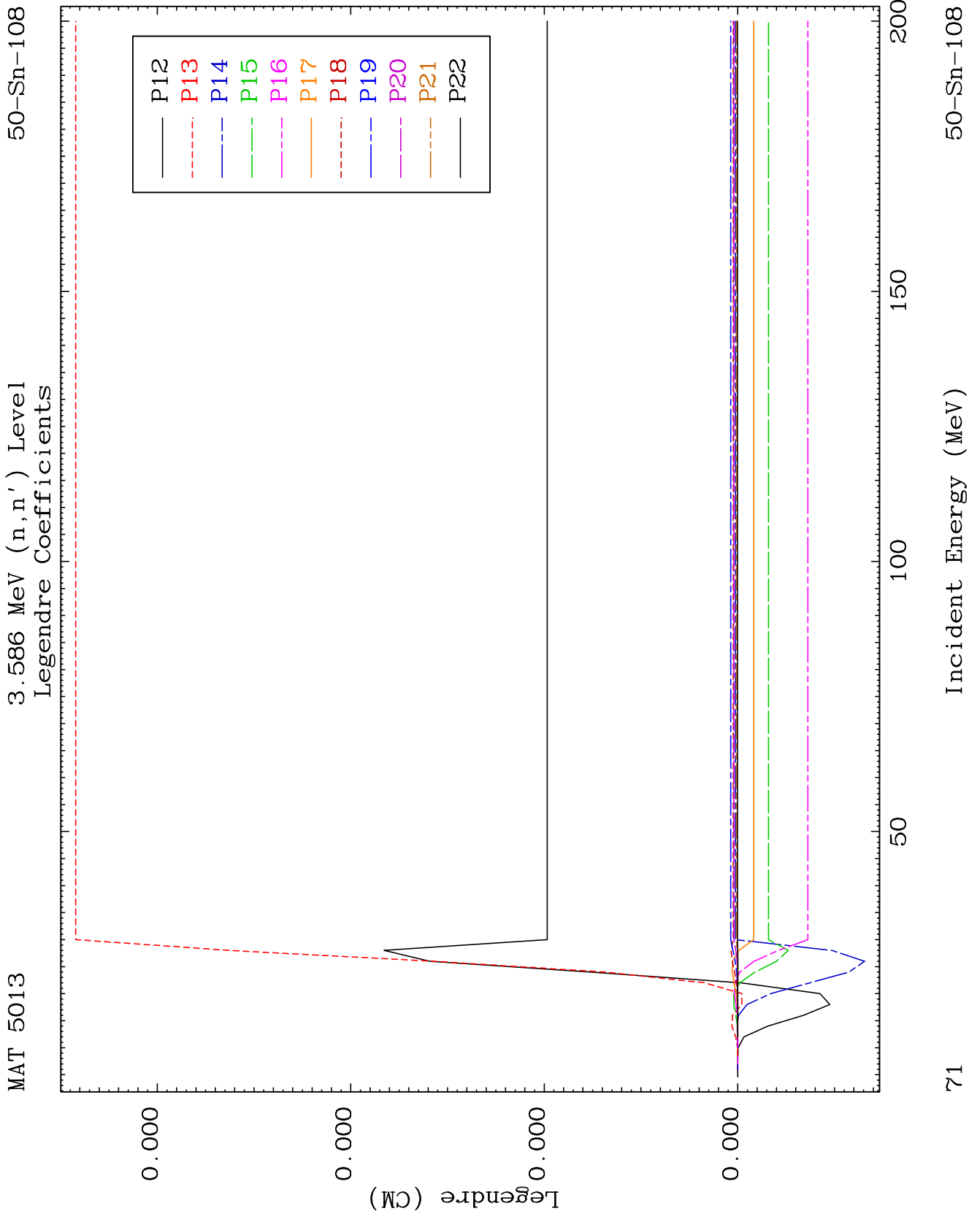


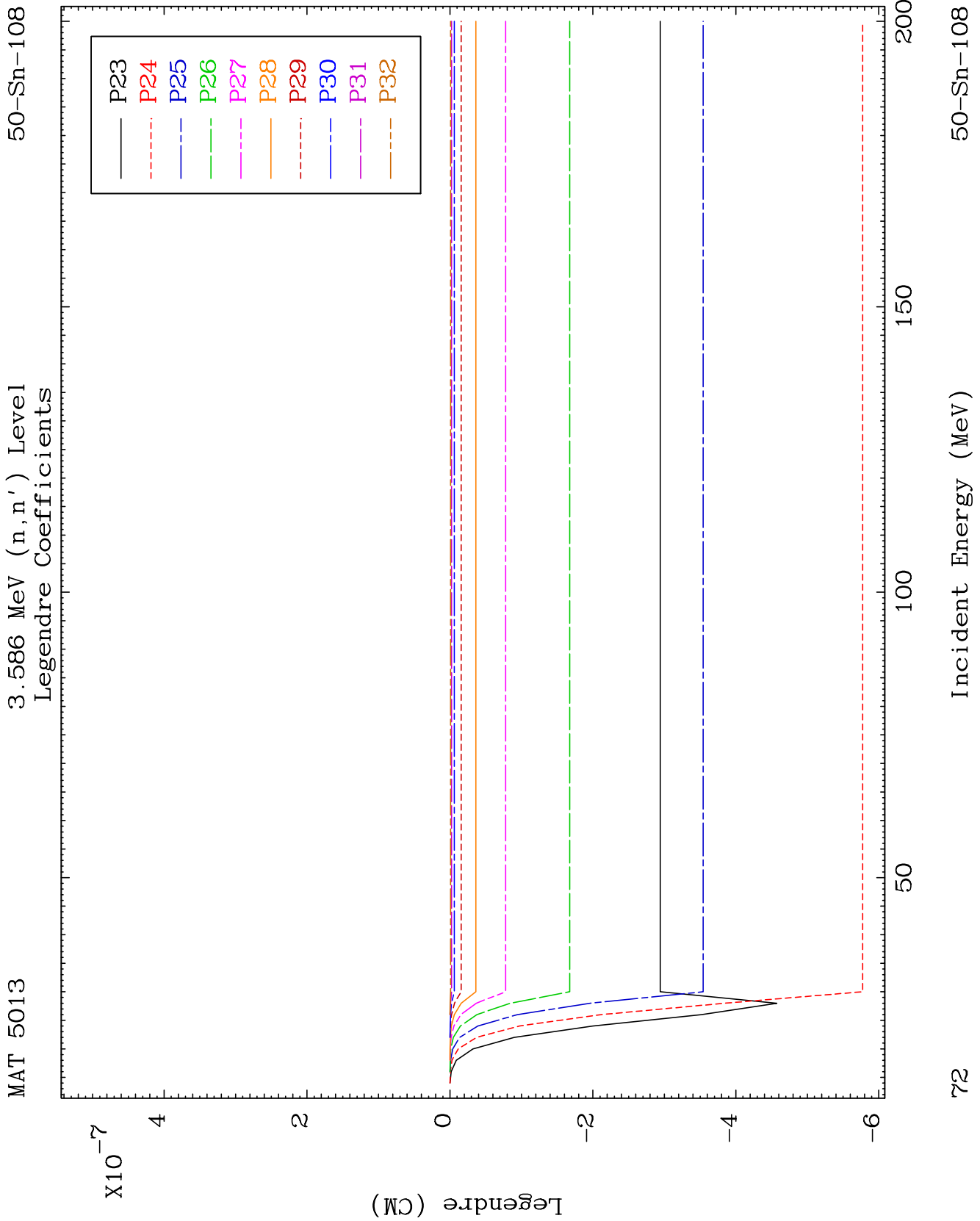


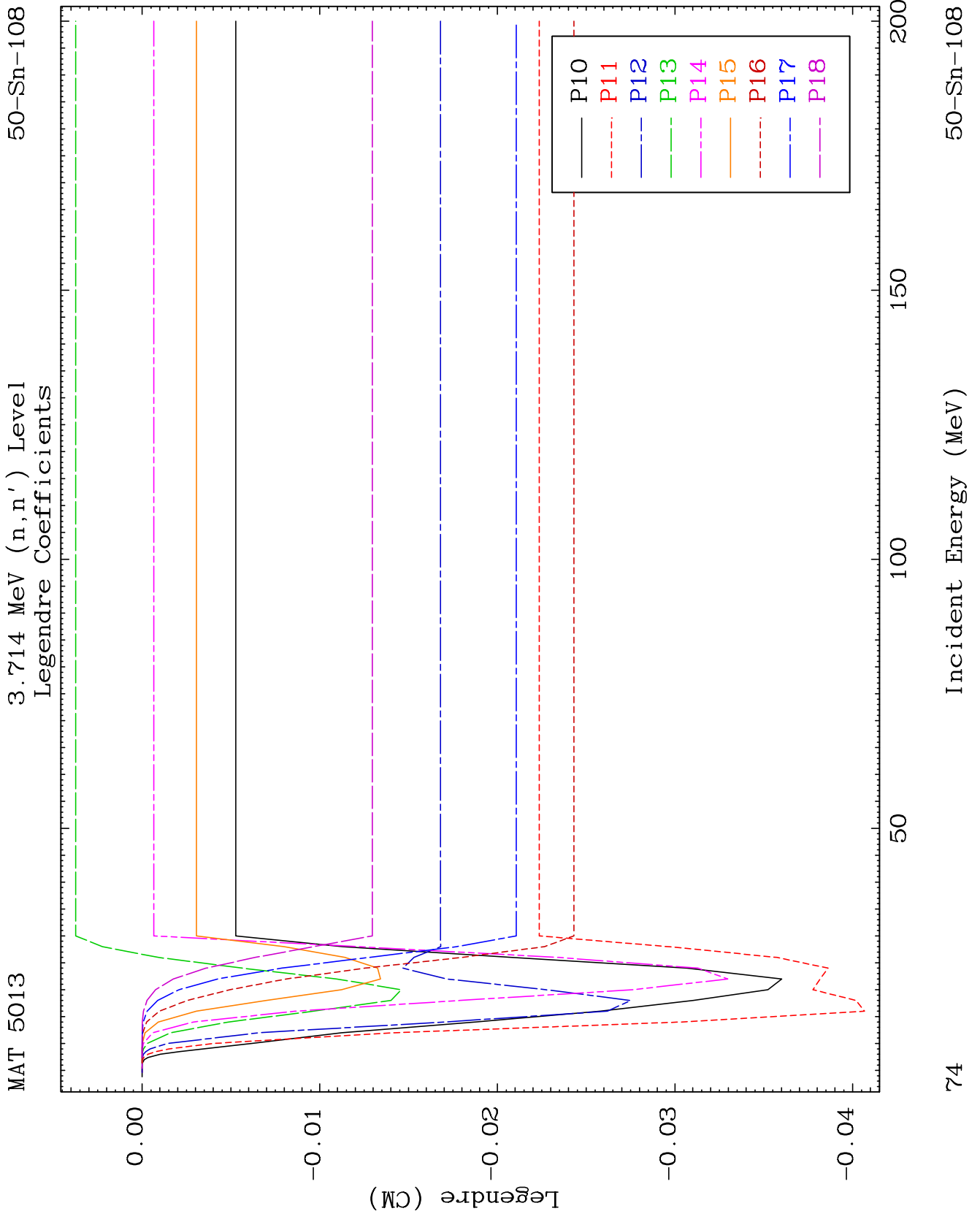


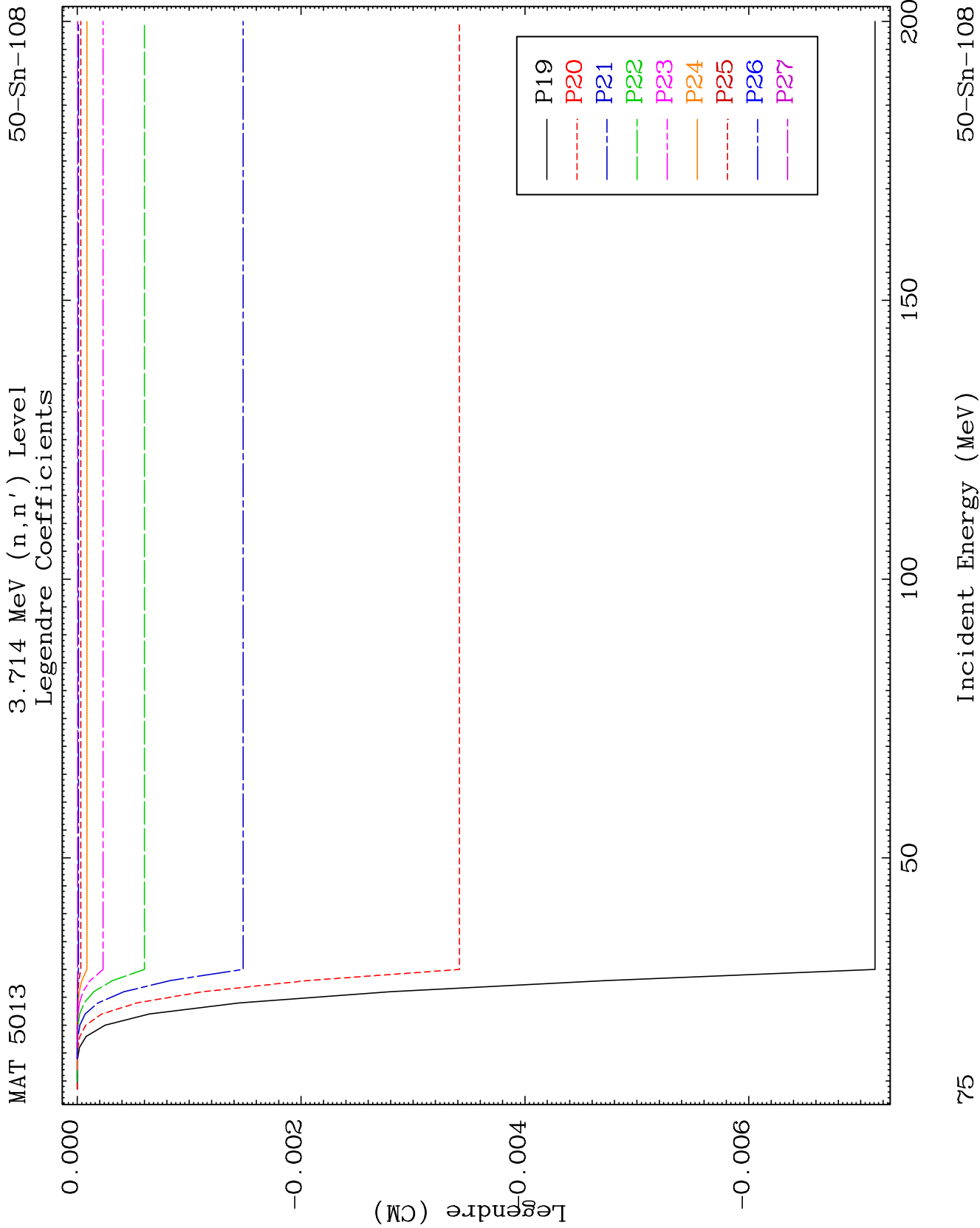


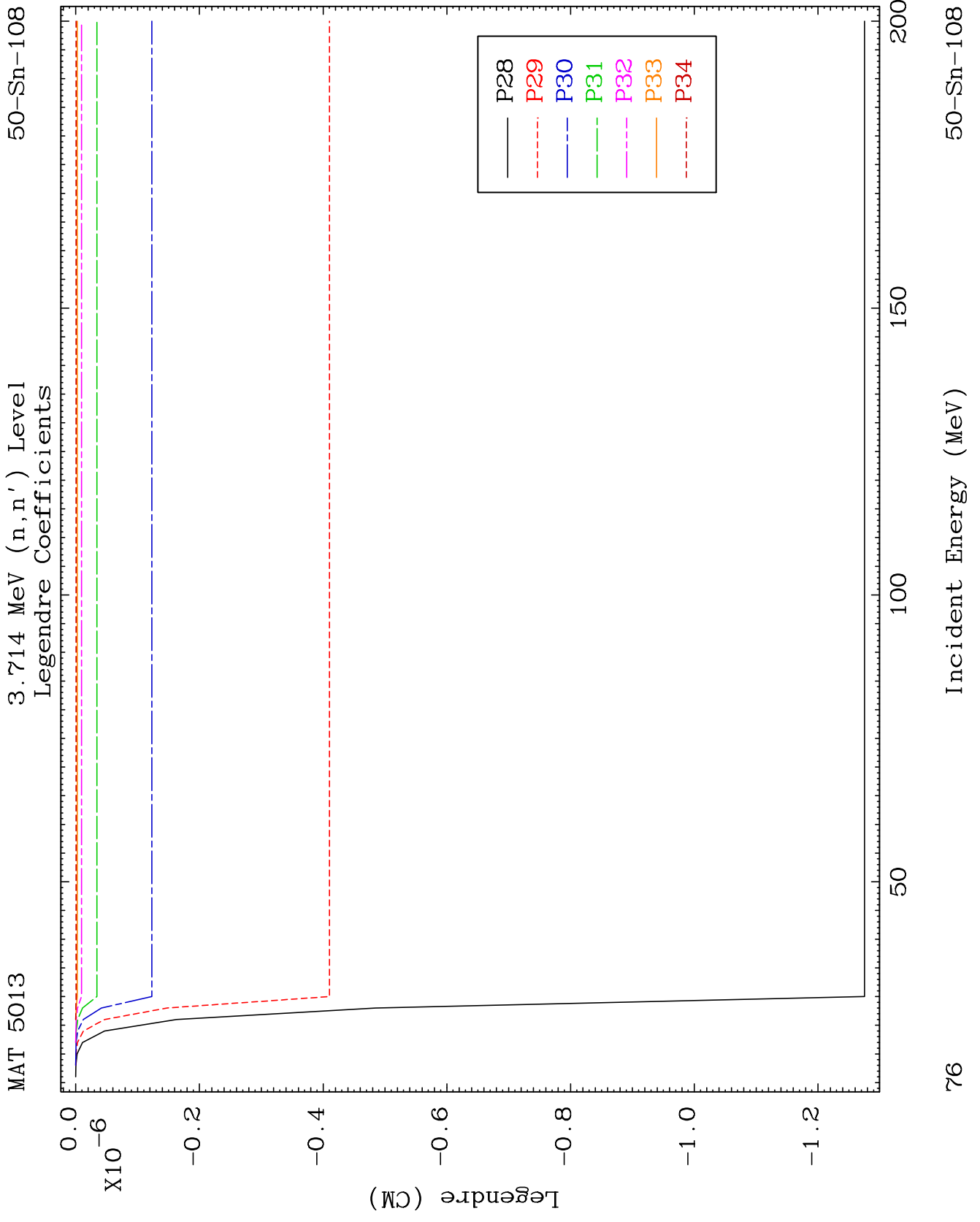










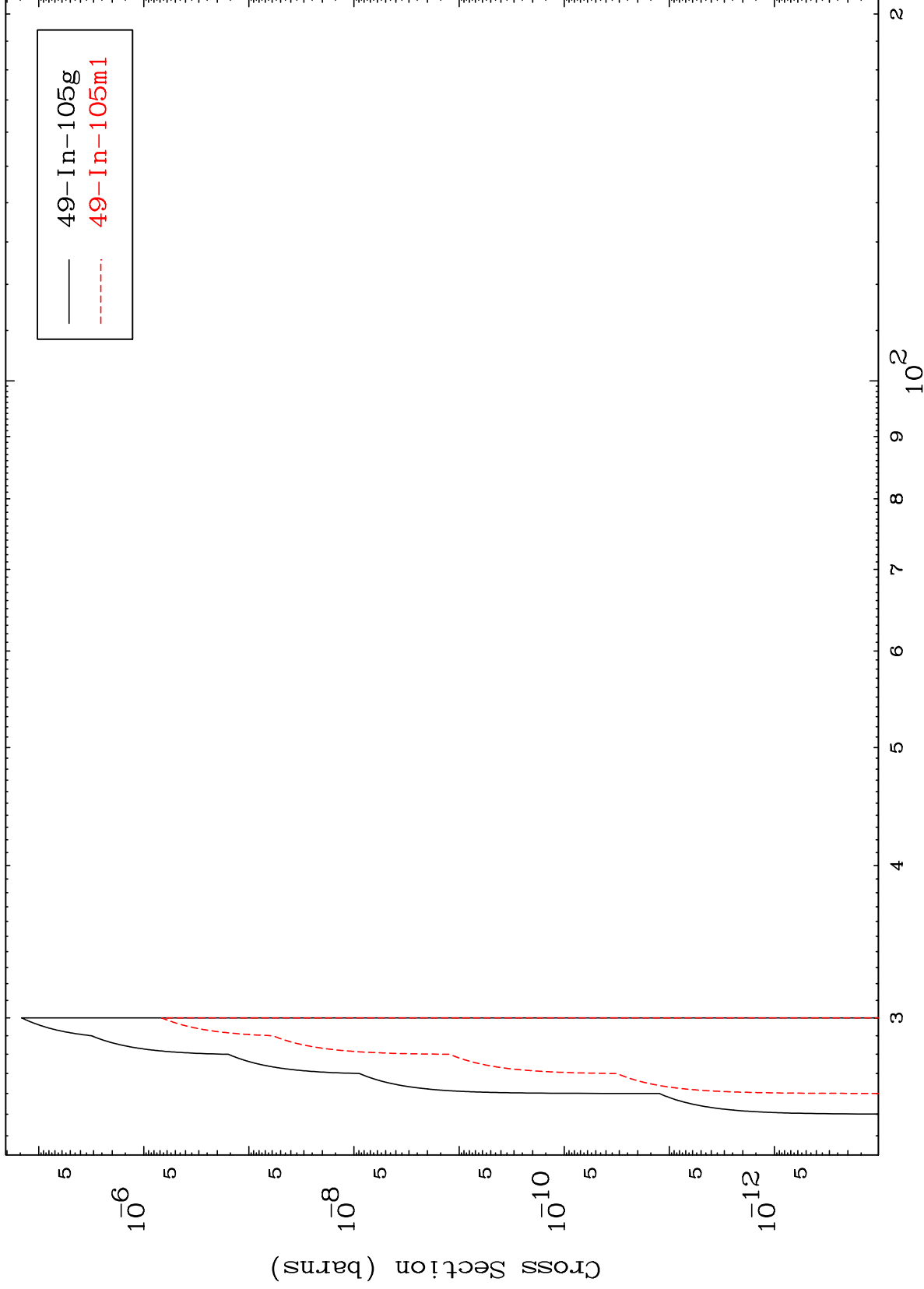


MAT 5013

(n,2n) d

50-Sn-108

Radionuclide Production Cross Section



77

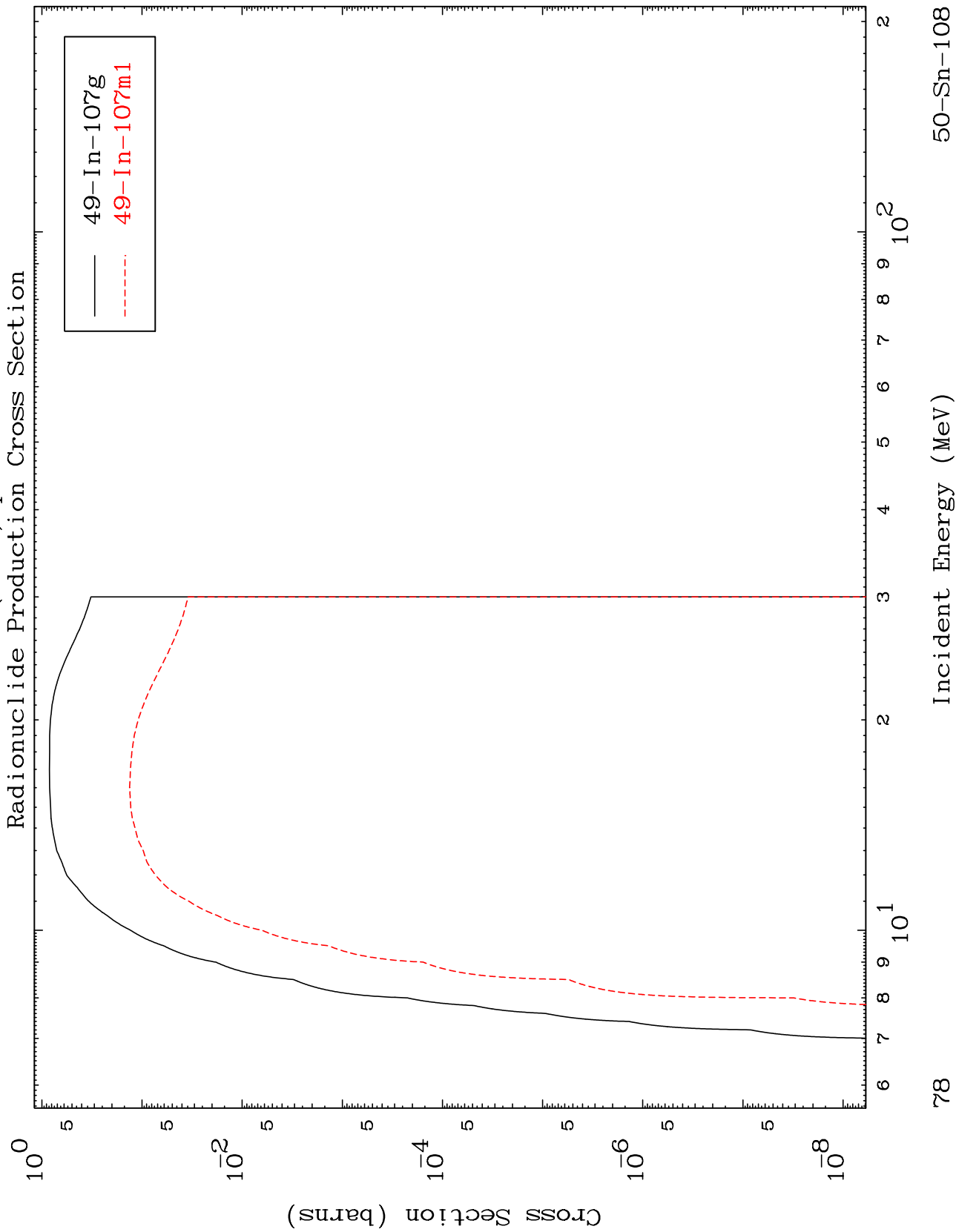
Incident Energy (MeV)

50-Sn-108

MAT 5013

(n,n') p

50-Sn-108

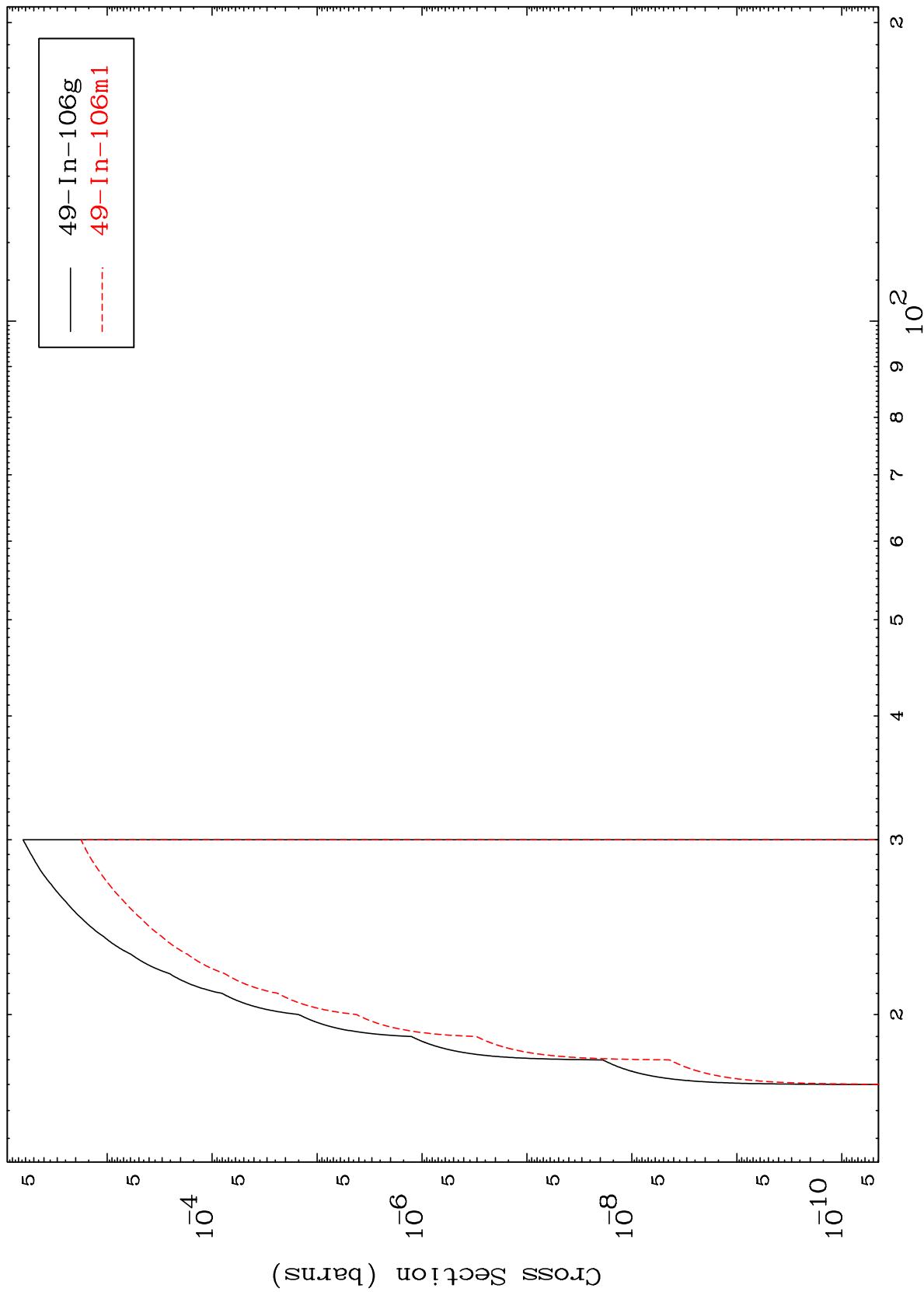


MAT 5013

(n,n') d

50-Sn-108

Radionuclide Production Cross Section



79

Incident Energy (MeV)

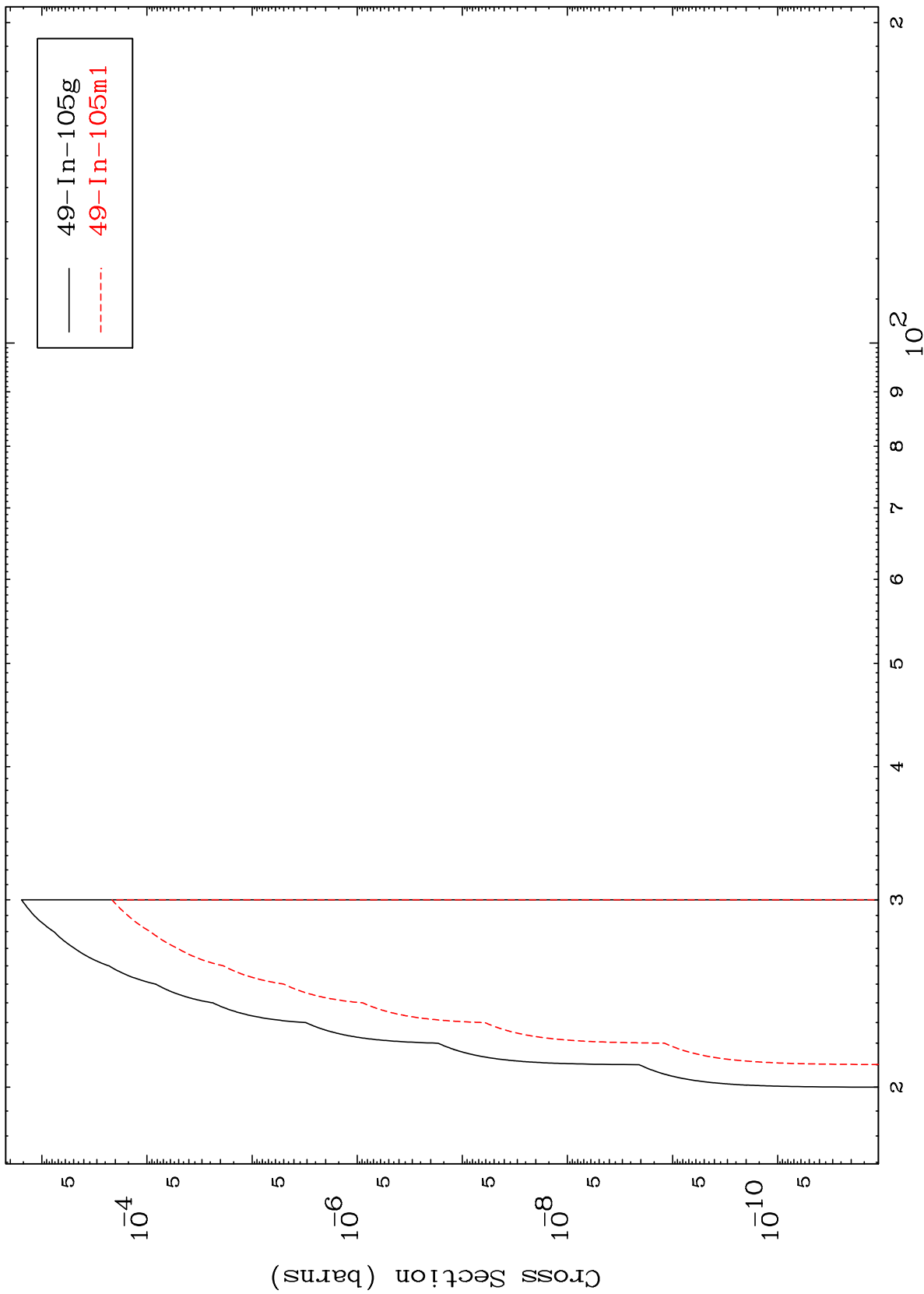
50-Sn-108

MAT 5013

(n,n') t

50-Sn-108

Radionuclide Production Cross Section

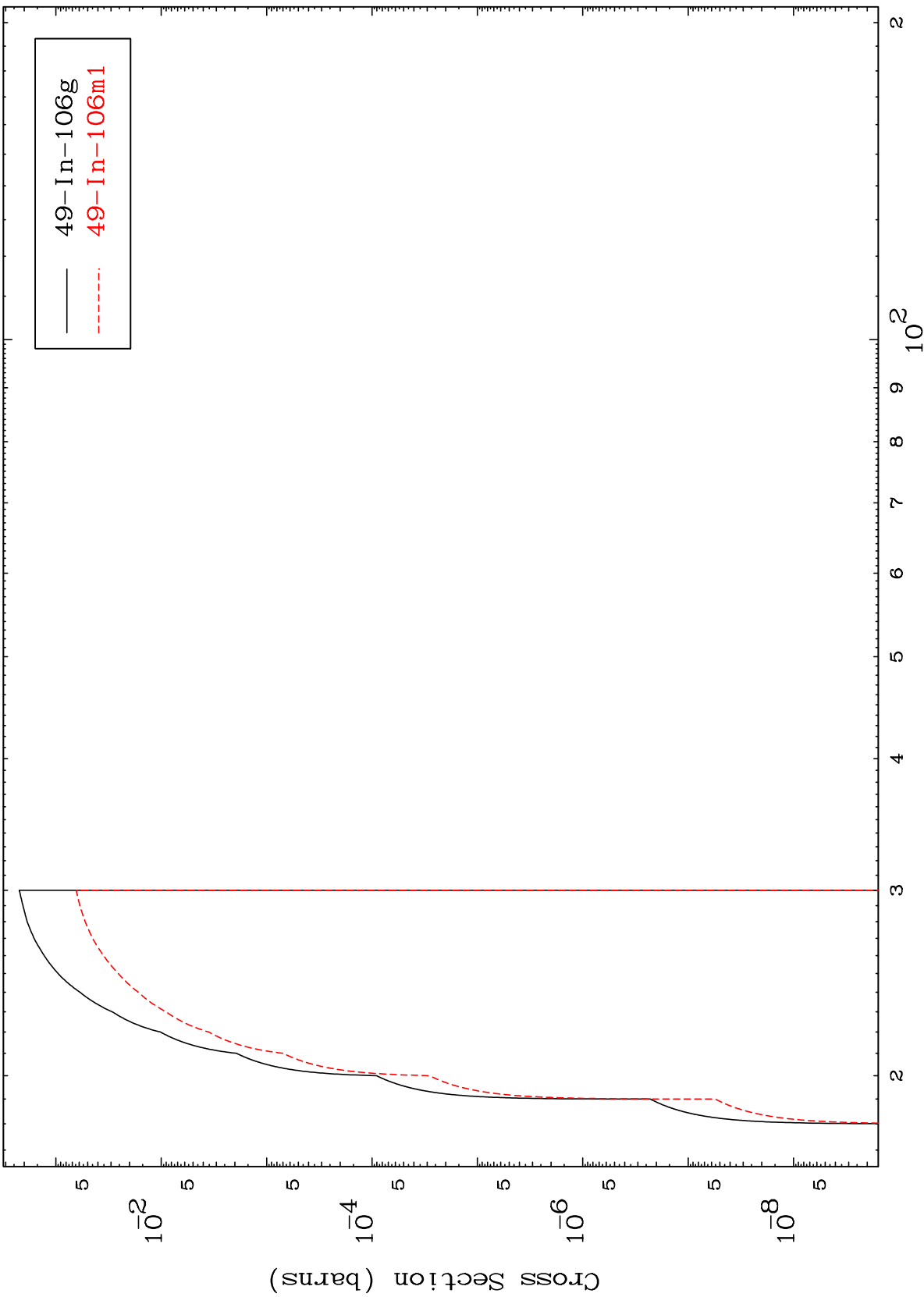


80

Incident Energy (MeV)

50-Sn-108

Radionuclide Production Cross Section

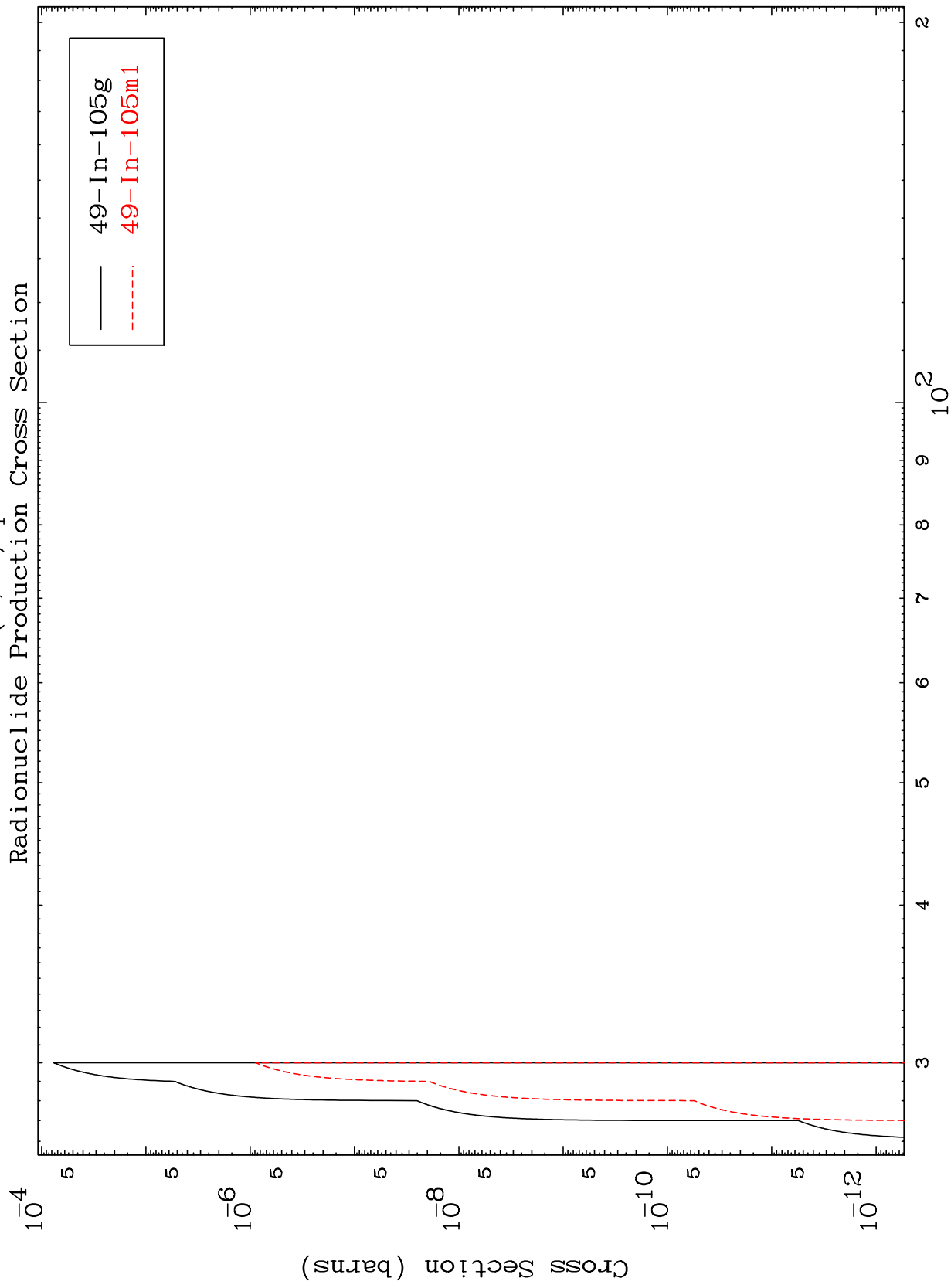


MAT 5013

(n,3n) p

50-Sn-108

Radionuclide Production Cross Section



82

Incident Energy (MeV)

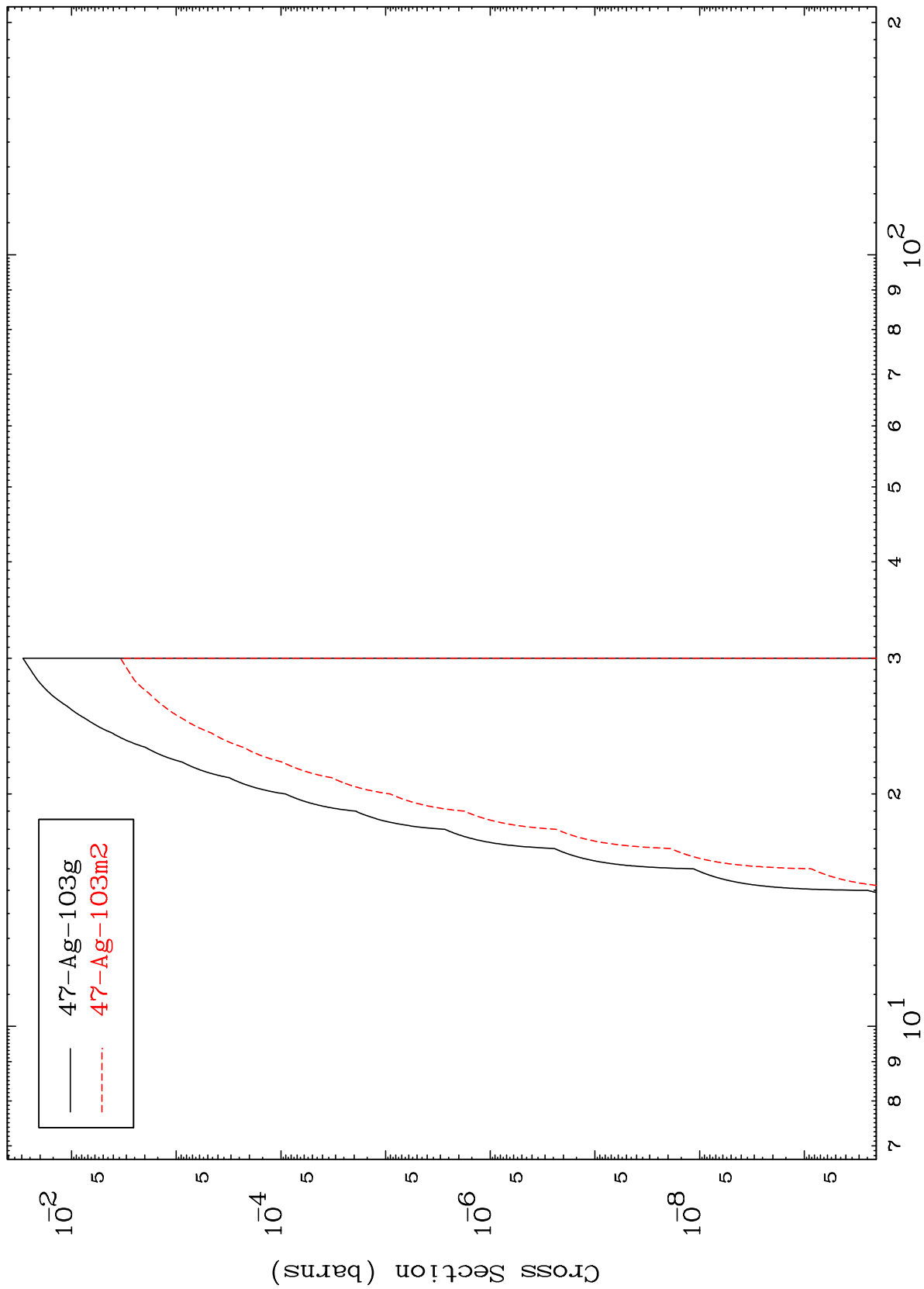
50-Sn-108

MAT 5013

(n,n') p α

50-Sn-108

Radionuclide Production Cross Section



83

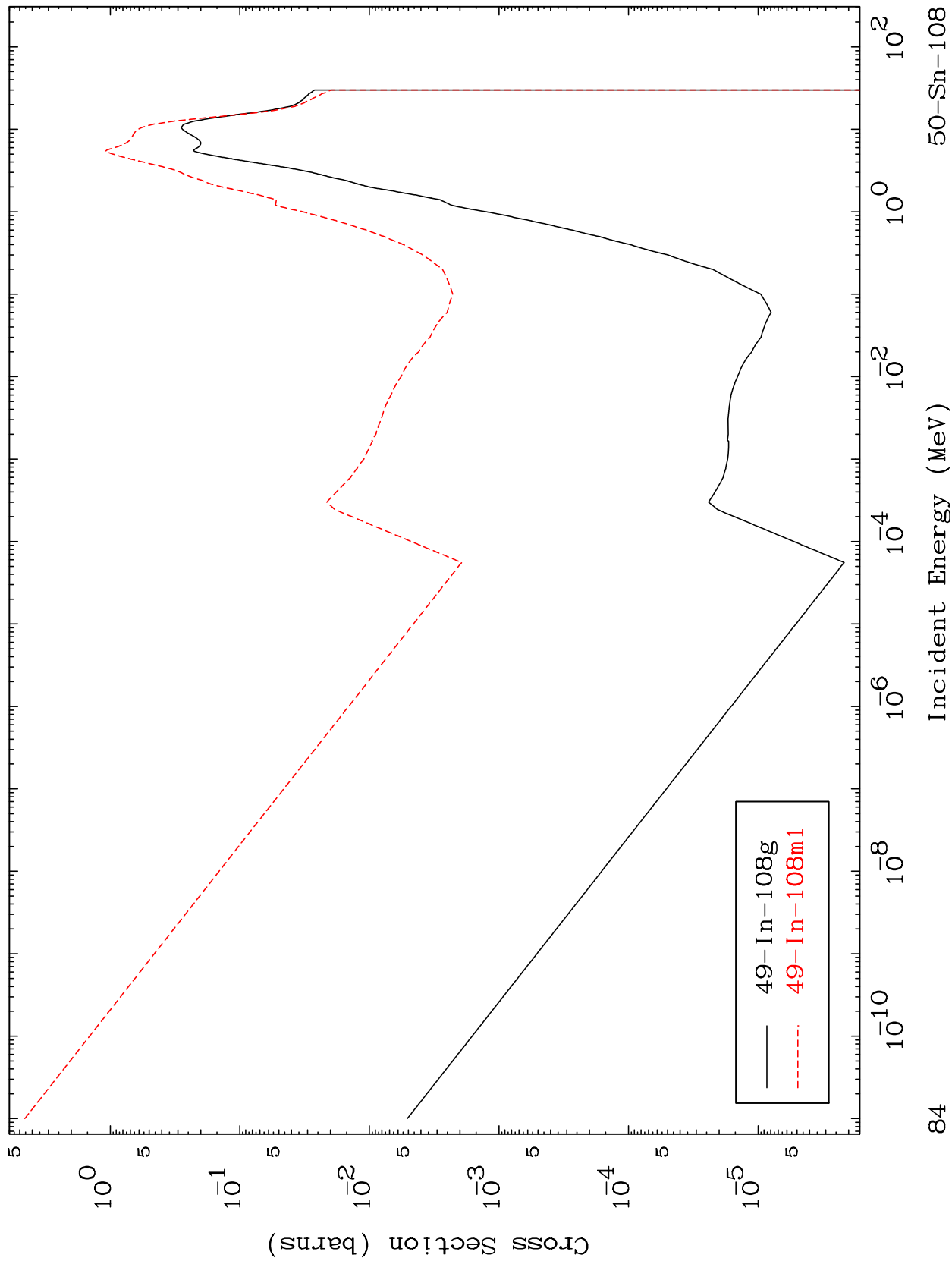
Incident Energy (MeV)

50-Sn-108

MAT 5013

50-Sn-108

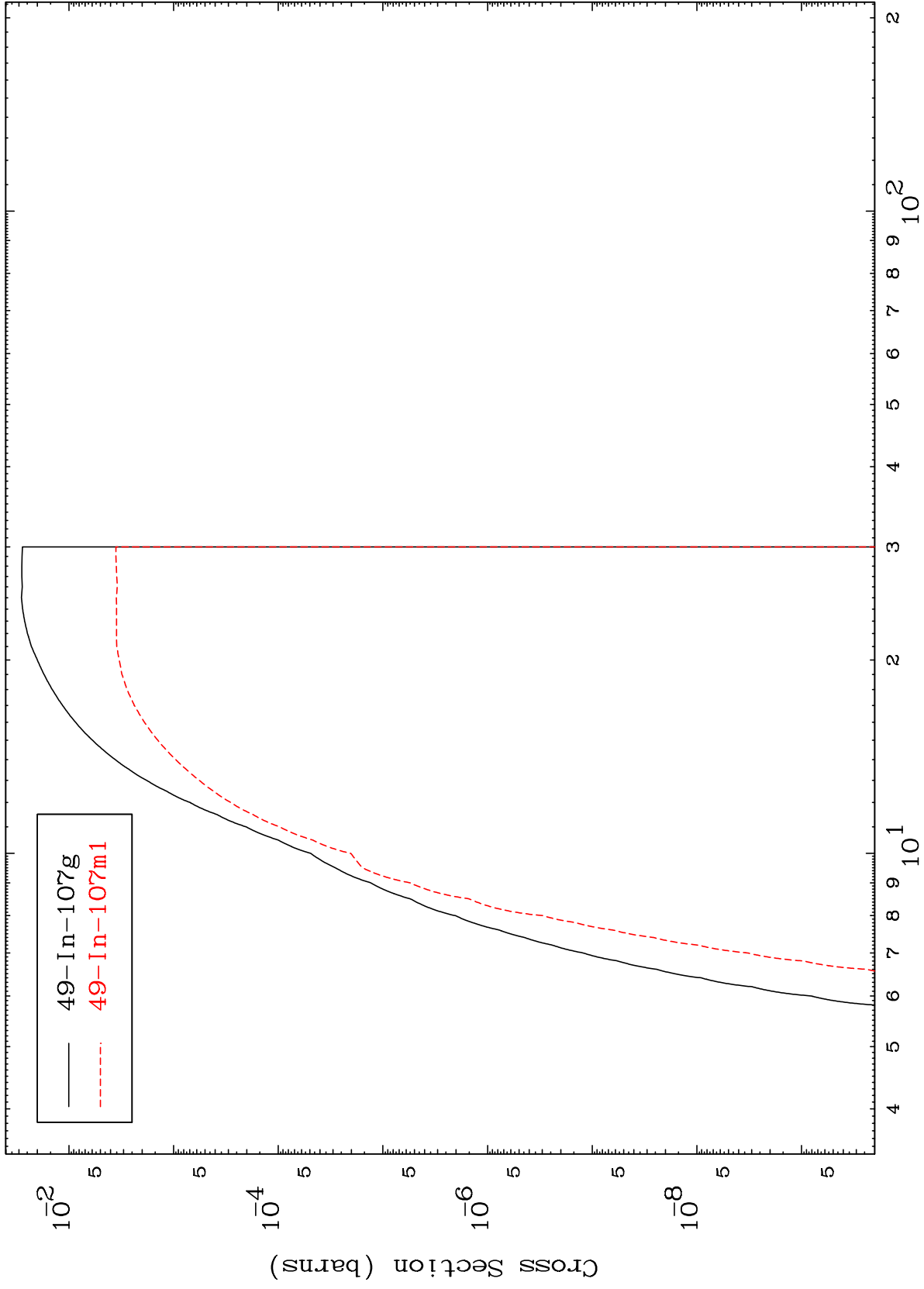
(n,p)
Radionuclide Production Cross Section



MAT 5013

50-Sn-108

(n,d)
Radionuclide Production Cross Section



85

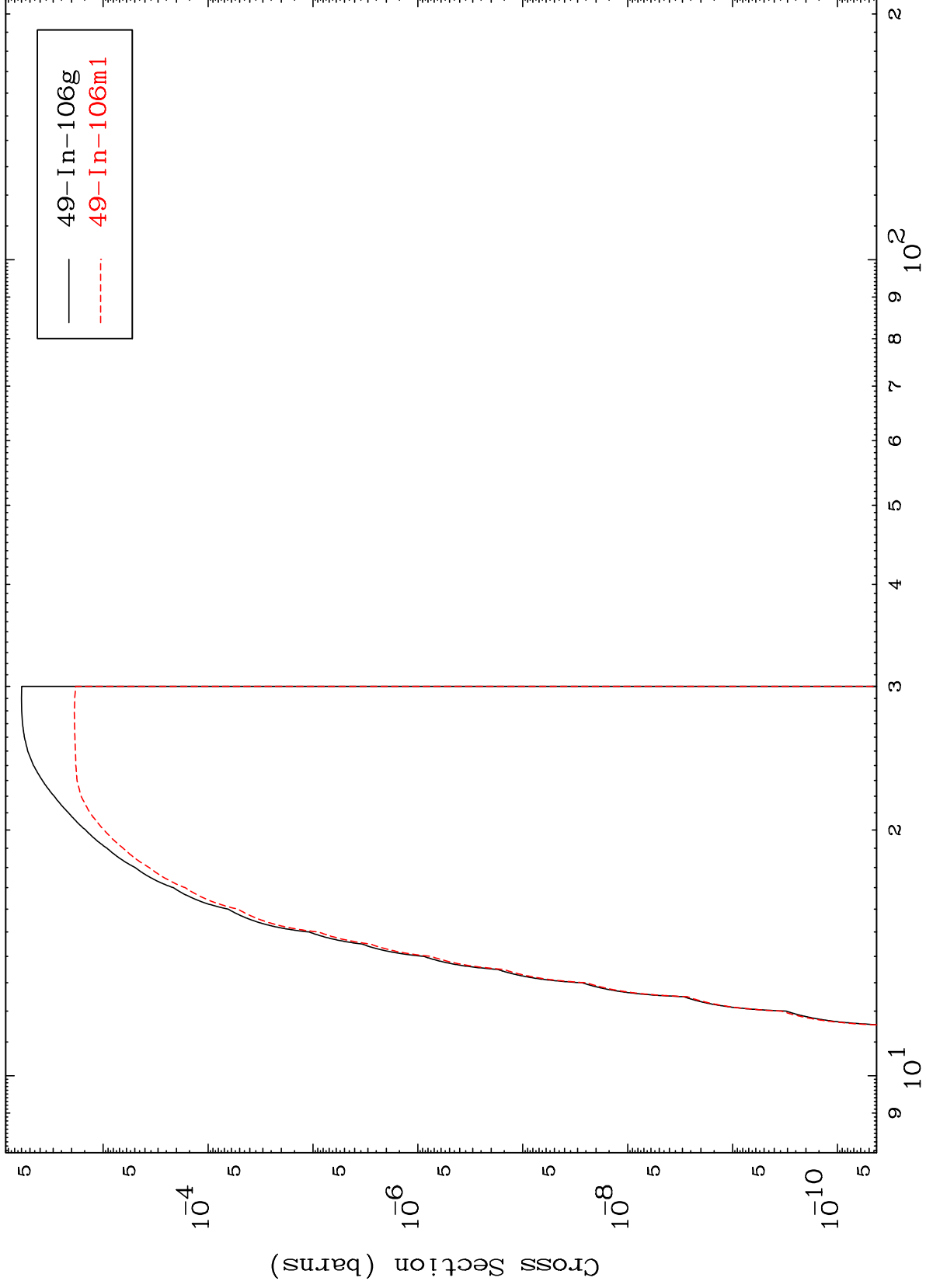
50-Sn-108

Incident Energy (MeV)

MAT 5013

50-Sn-108

(n,t)
Radionuclide Production Cross Section



86

Incident Energy (MeV)

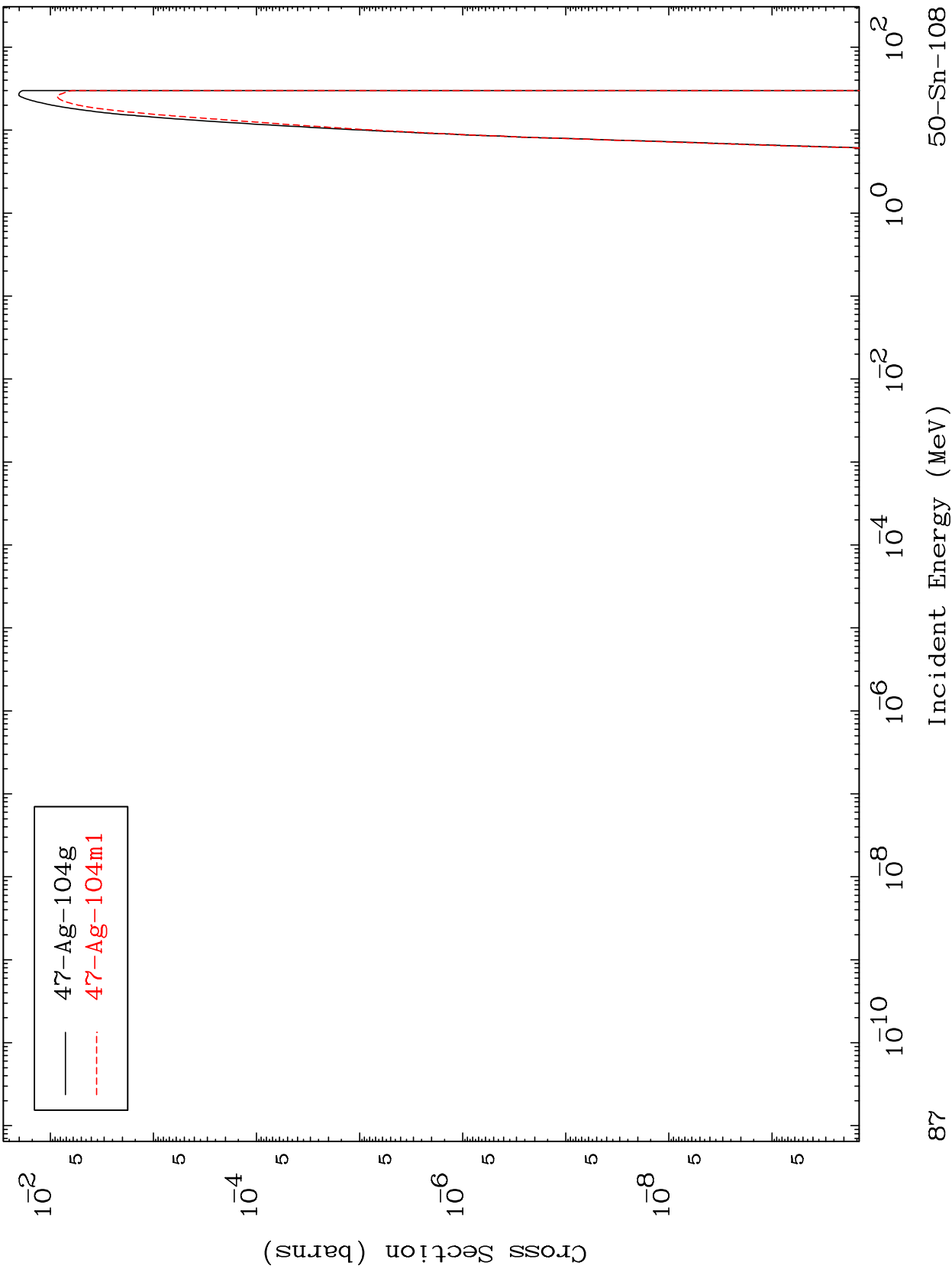
50-Sn-108

MAT 5013

(n,p) α

50-Sn-108

Radionuclide Production Cross Section

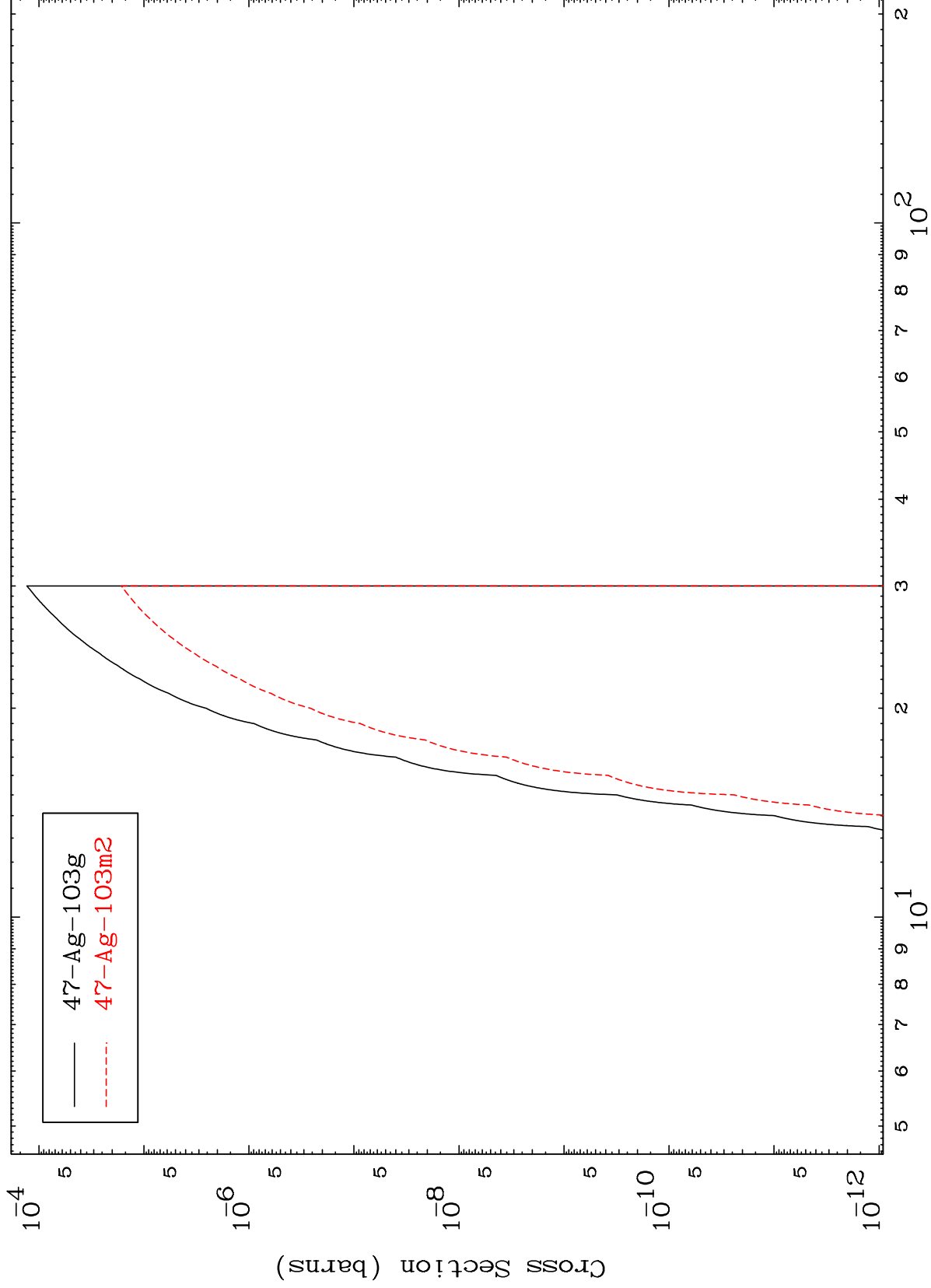


MAT 5013

(n,d) α

50-Sn-108

Radionuclide Production Cross Section



— 47-Ag-103g
- - - 47-Ag-103m2