

Program EVALPLOT
(Version 2015-2)

by

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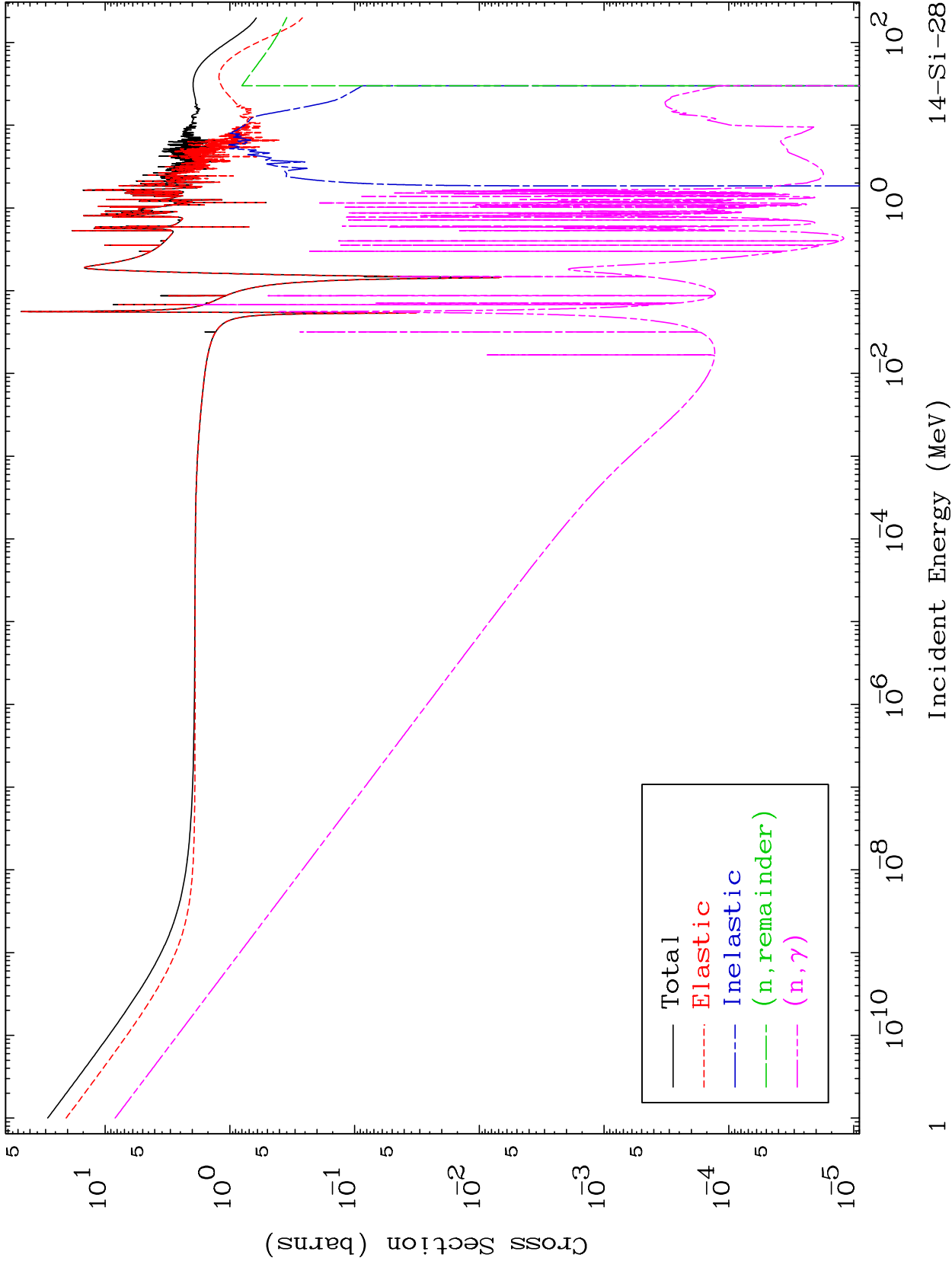
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 1425

Major
293 Kelvin Cross Sections

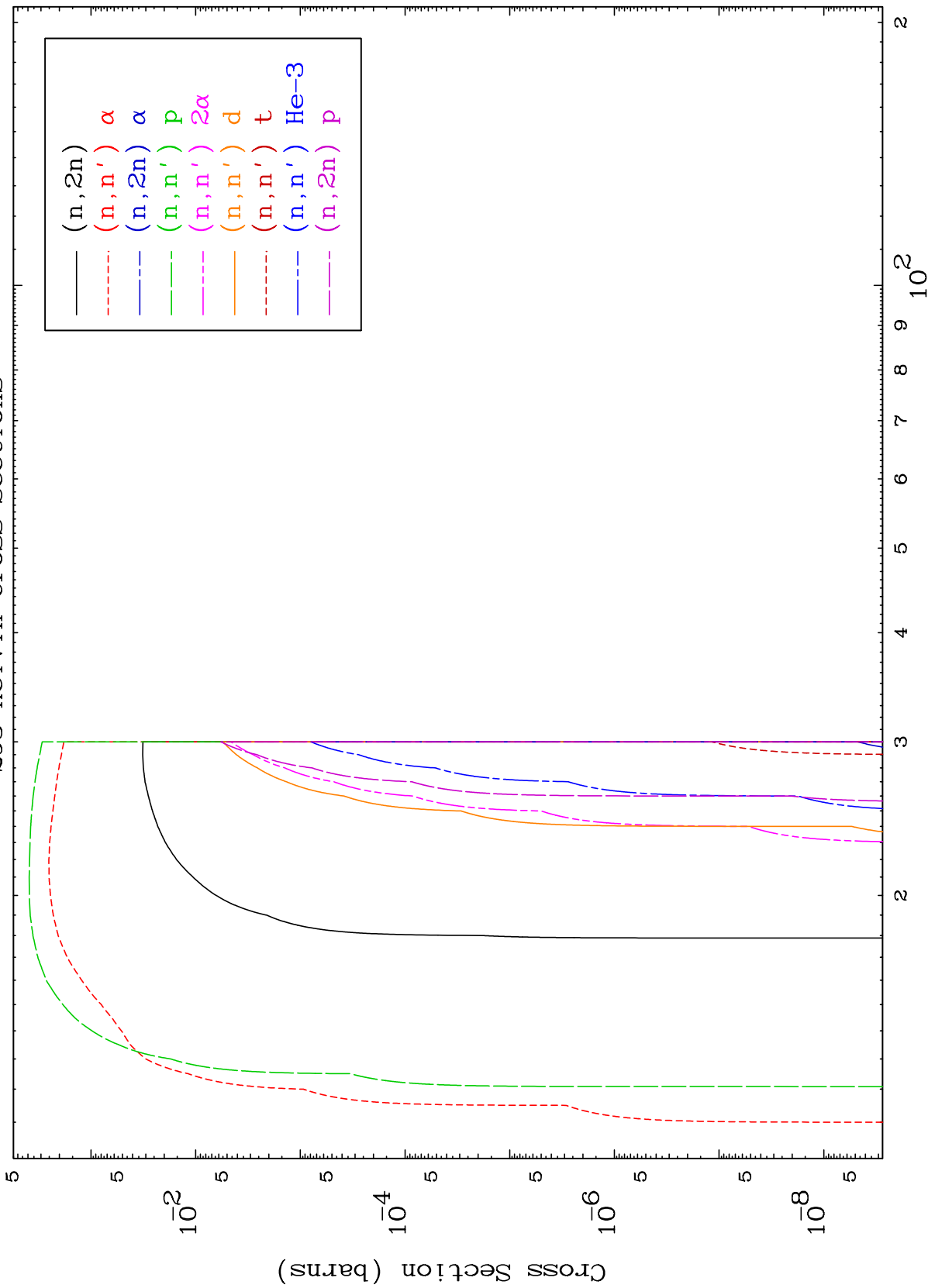
¹⁴Si-28



MAT 1425

Neutron Production
293 Kelvin Cross Sections

14-Si-28



2

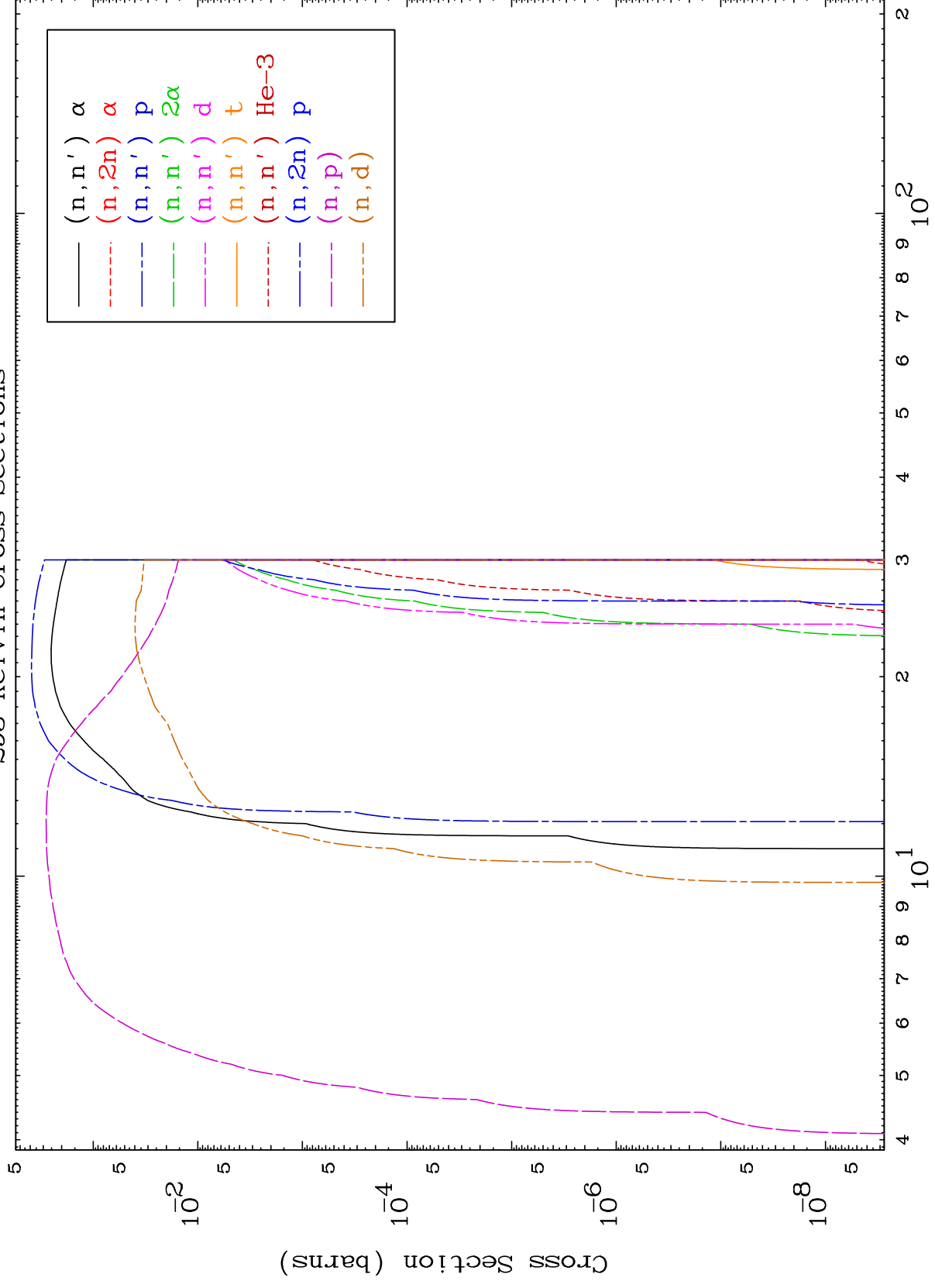
Incident Energy (MeV)

14-Si-28

MAT 1425

Charged Particle
293 Kelvin Cross Sections

14-Si-28



3

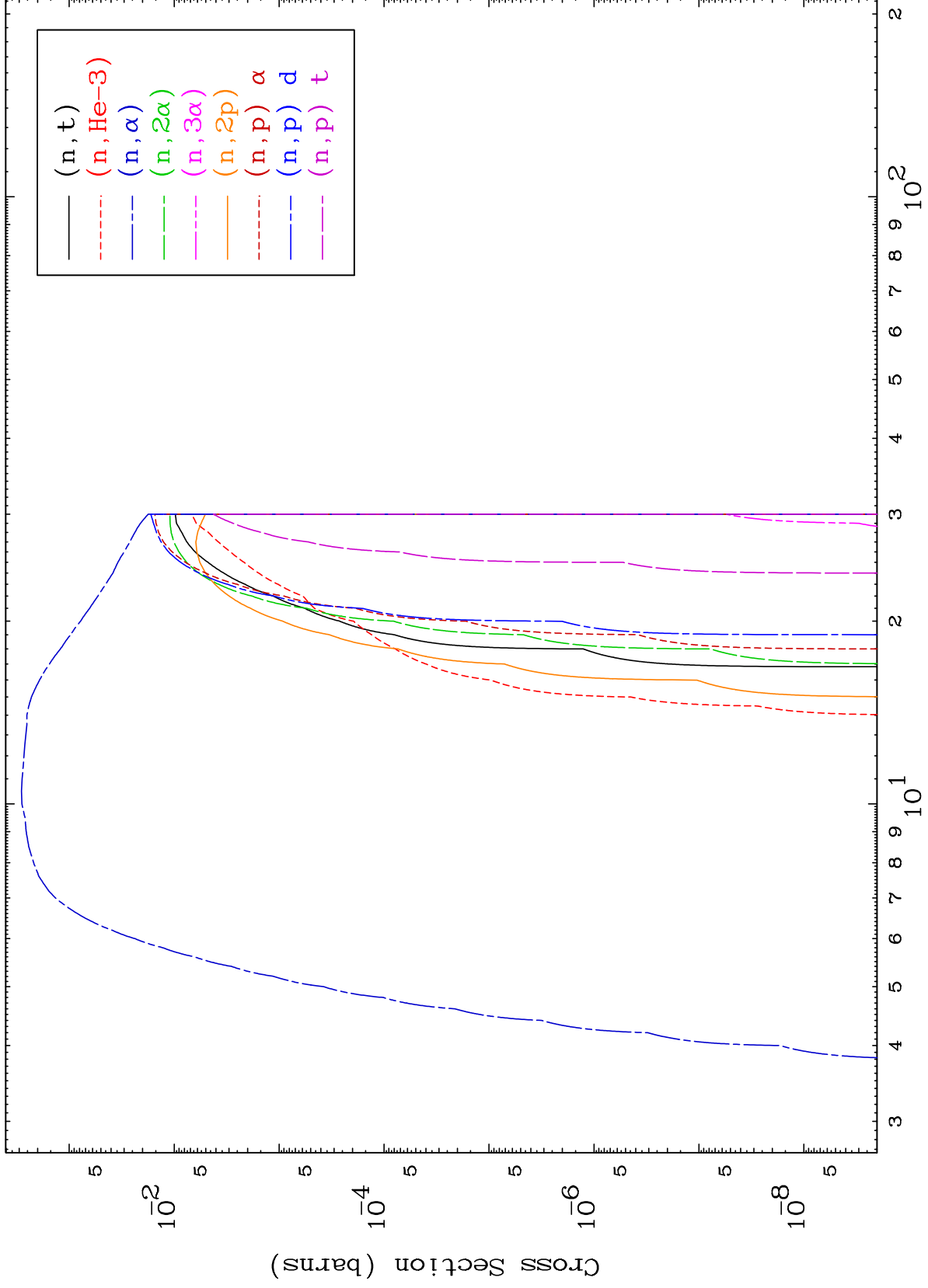
Incident Energy (MeV)

14-Si-28

MAT 1425

Charged Particle
293 Kelvin Cross Sections

14-Si-28



4

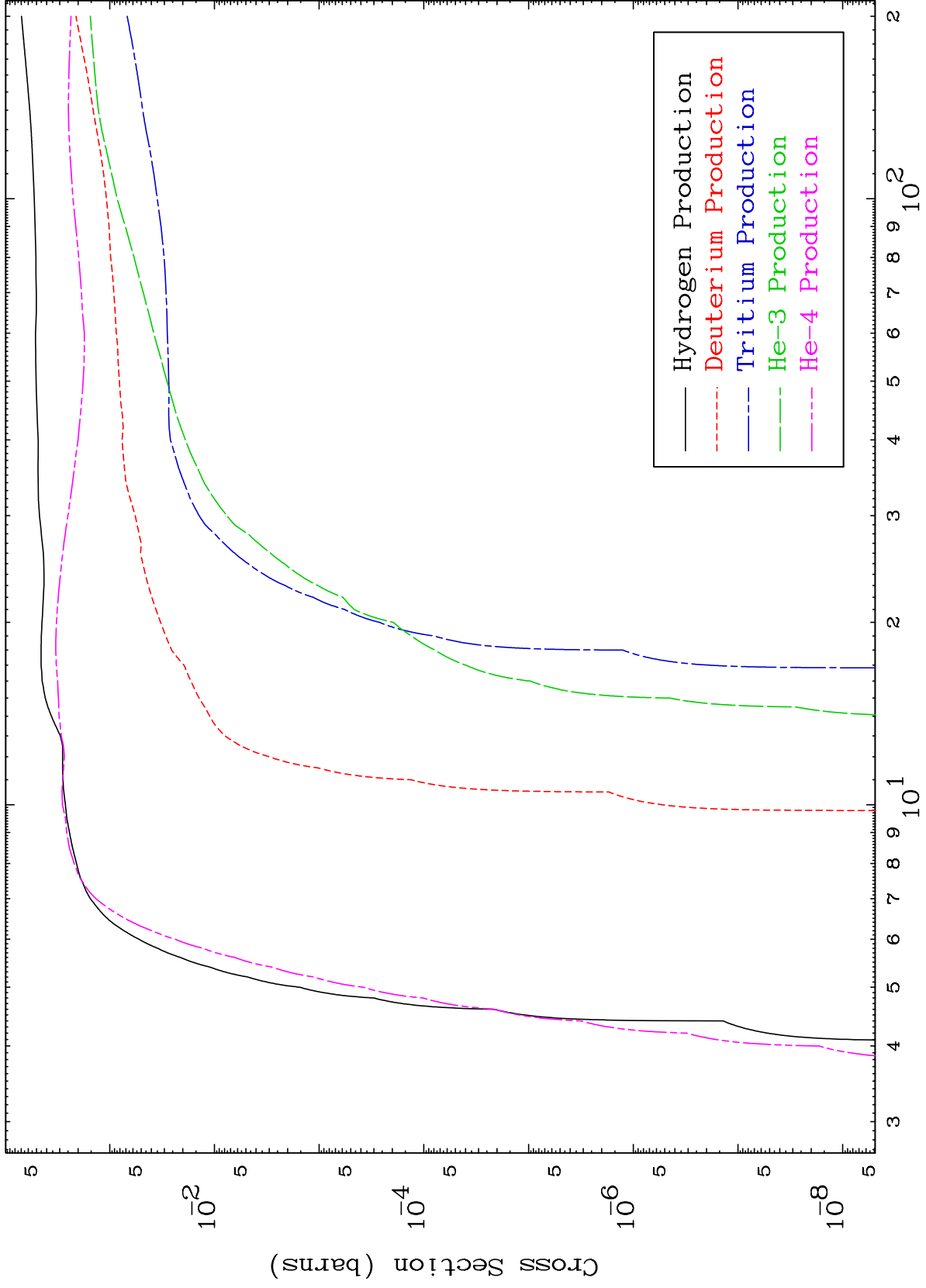
Incident Energy (MeV)

14-Si-28

MAT 1425

Particle Production
293 Kelvin Cross Sections

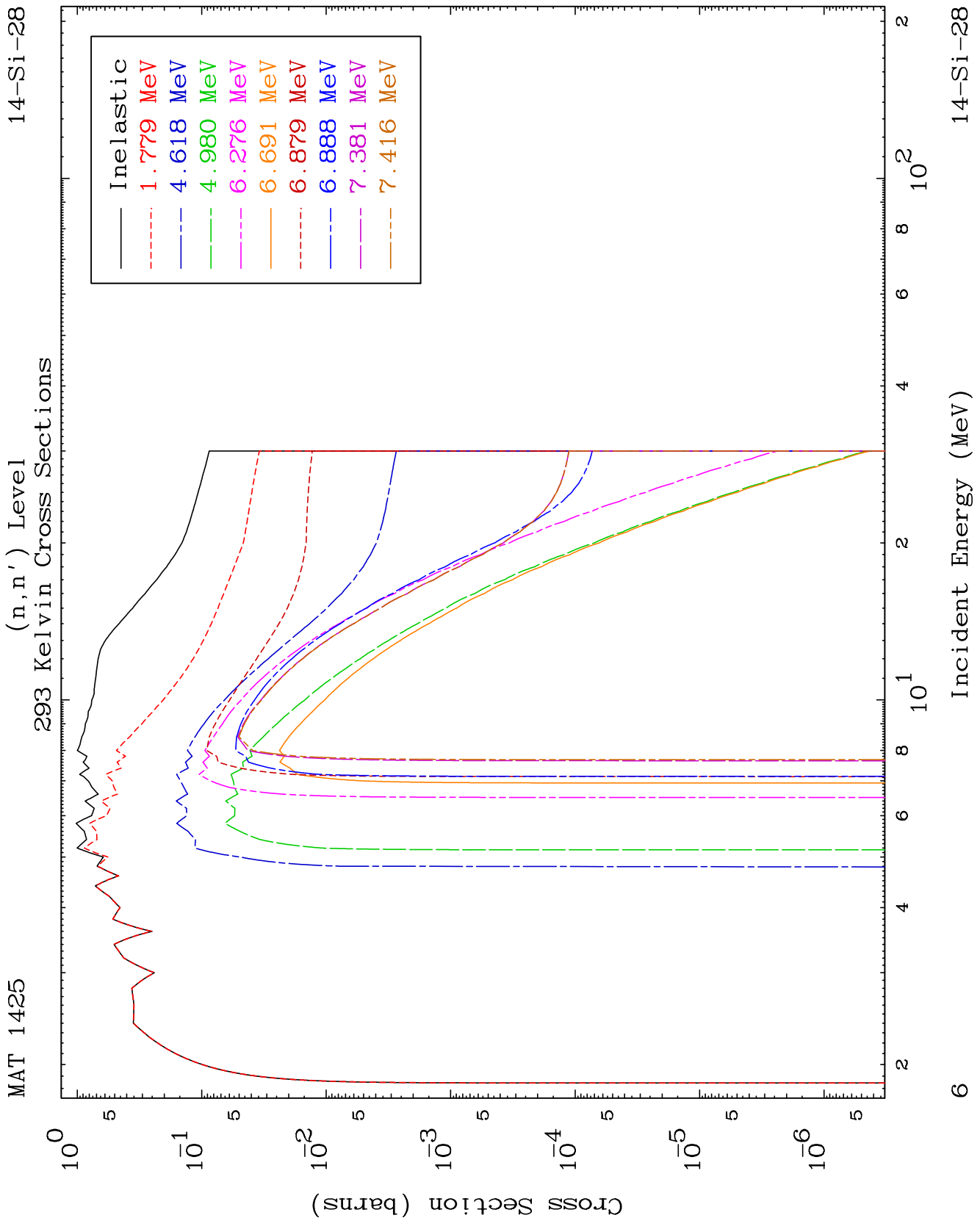
14-Si-28



5

Incident Energy (MeV)

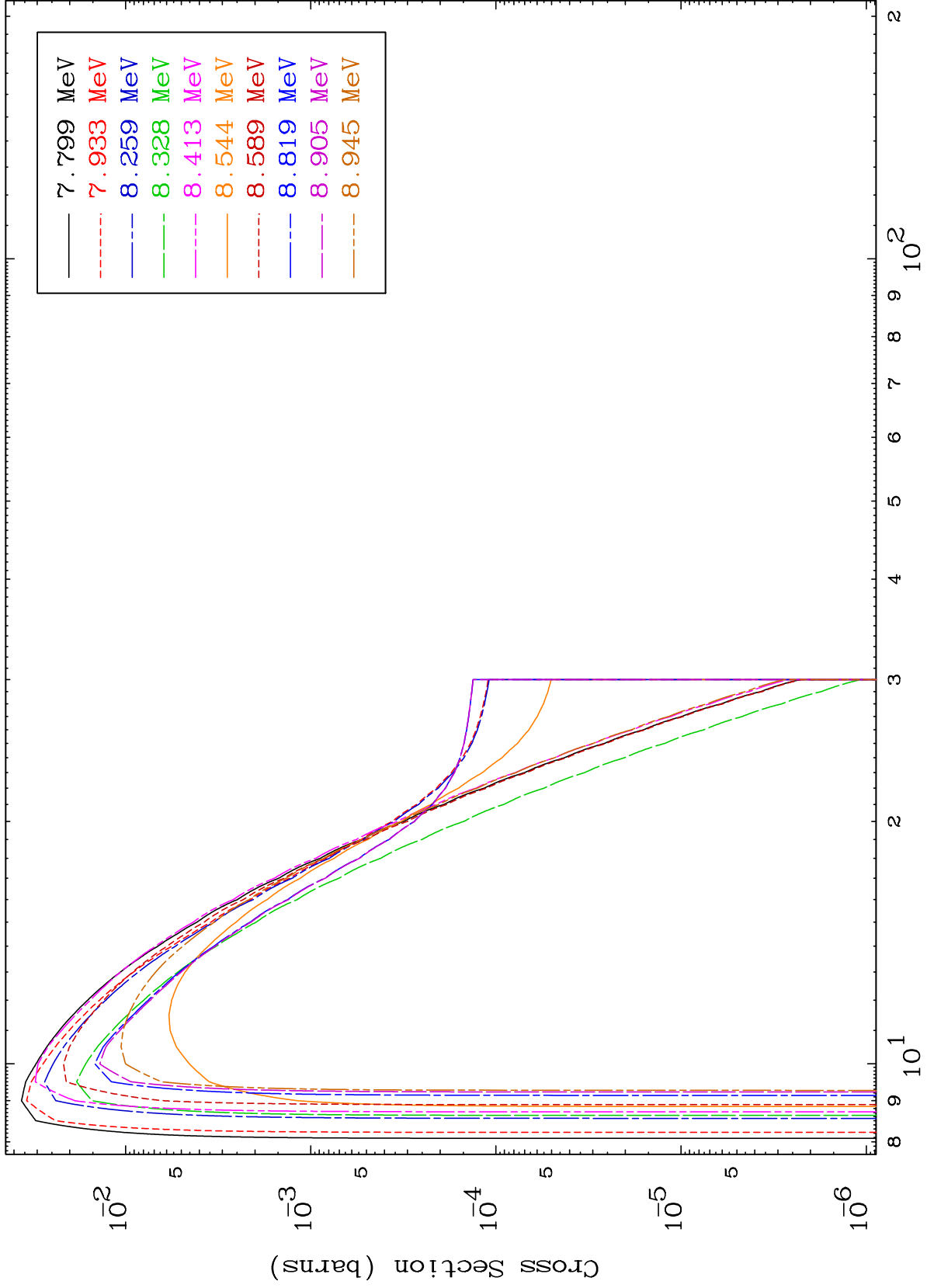
14-Si-28



MAT 1425

(n,n') Level
293 Kelvin Cross Sections

14-Si-28



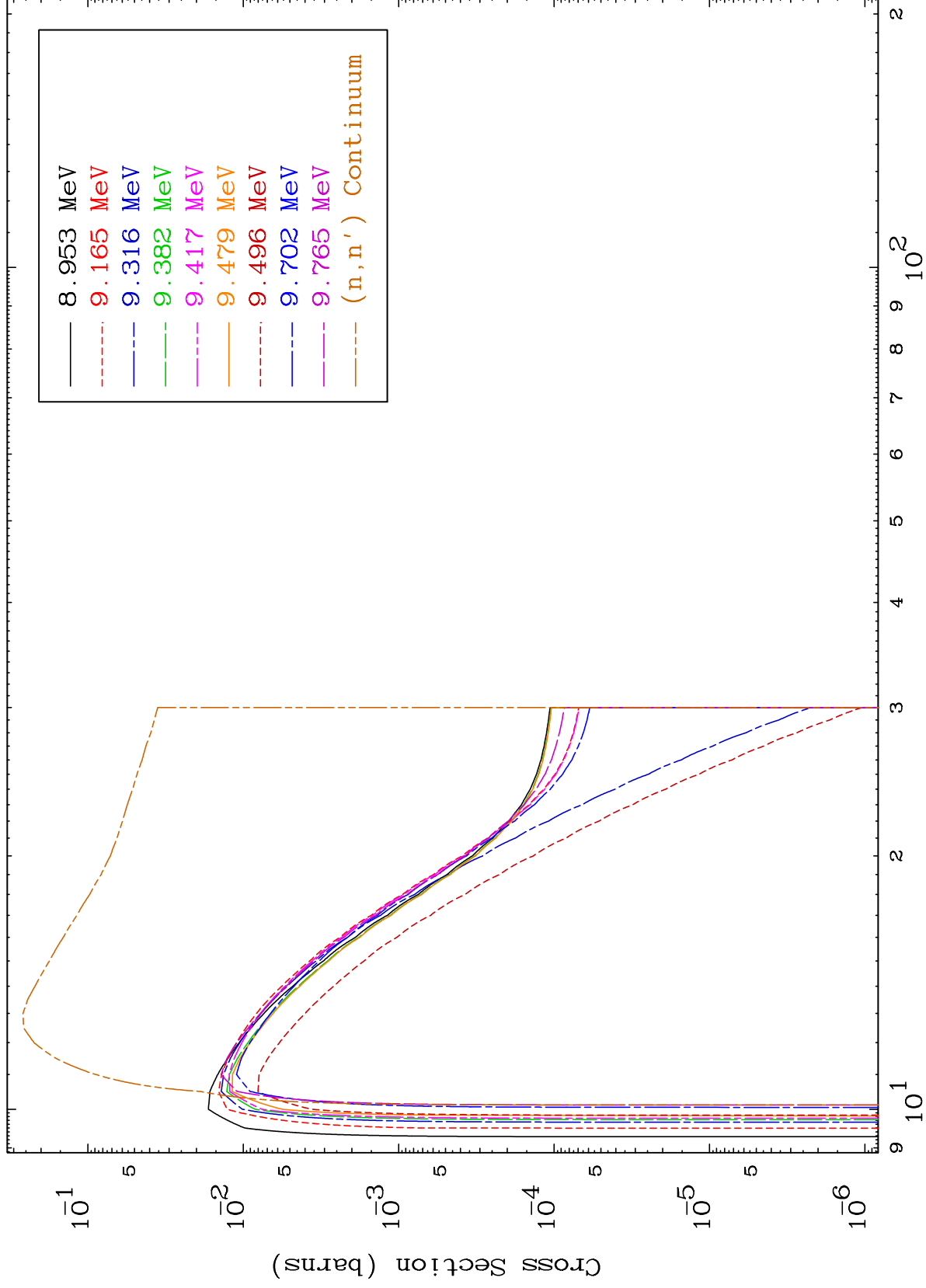
Incident Energy (MeV)

14-Si-28

MAT 1425

(n,n') Level
293 Kelvin Cross Sections

14-Si-28



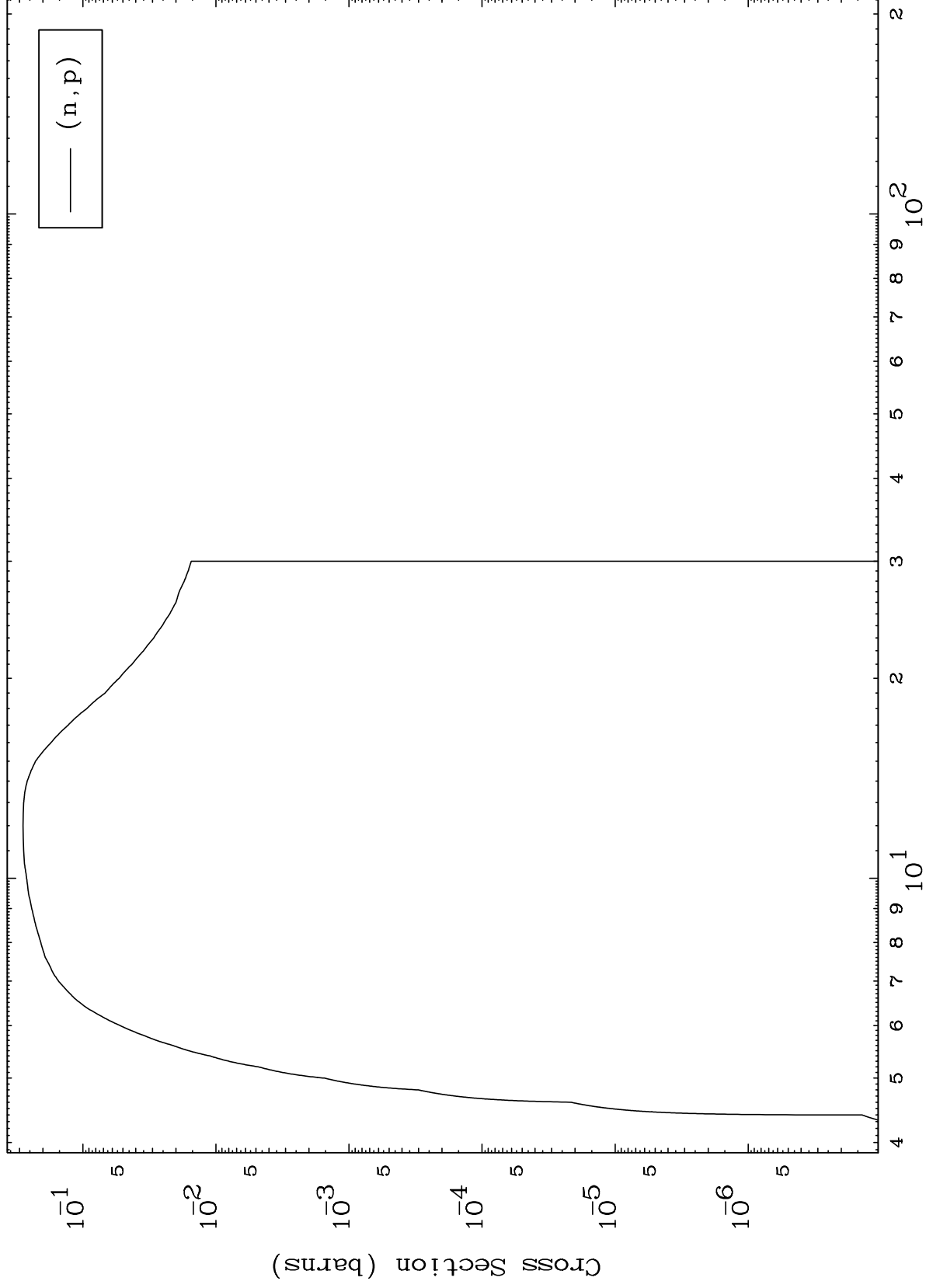
Incident Energy (MeV)

14-Si-28

MAT 1425

(n,p) Levels
293 Kelvin Cross Sections

14-Si-28



9

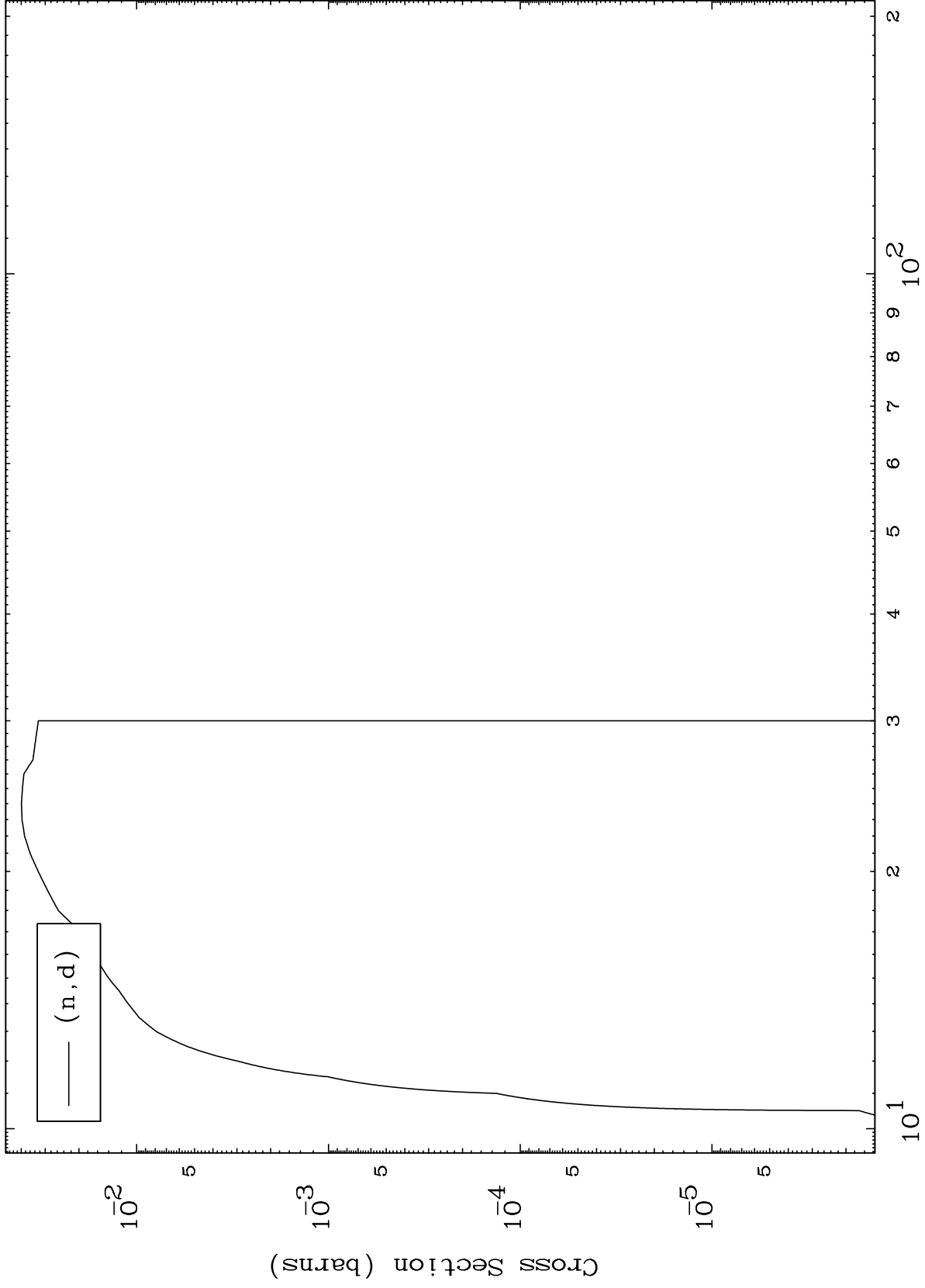
Incident Energy (MeV)

14-Si-28

MAT 1425

(n,d) Levels
293 Kelvin Cross Sections

14-Si-28



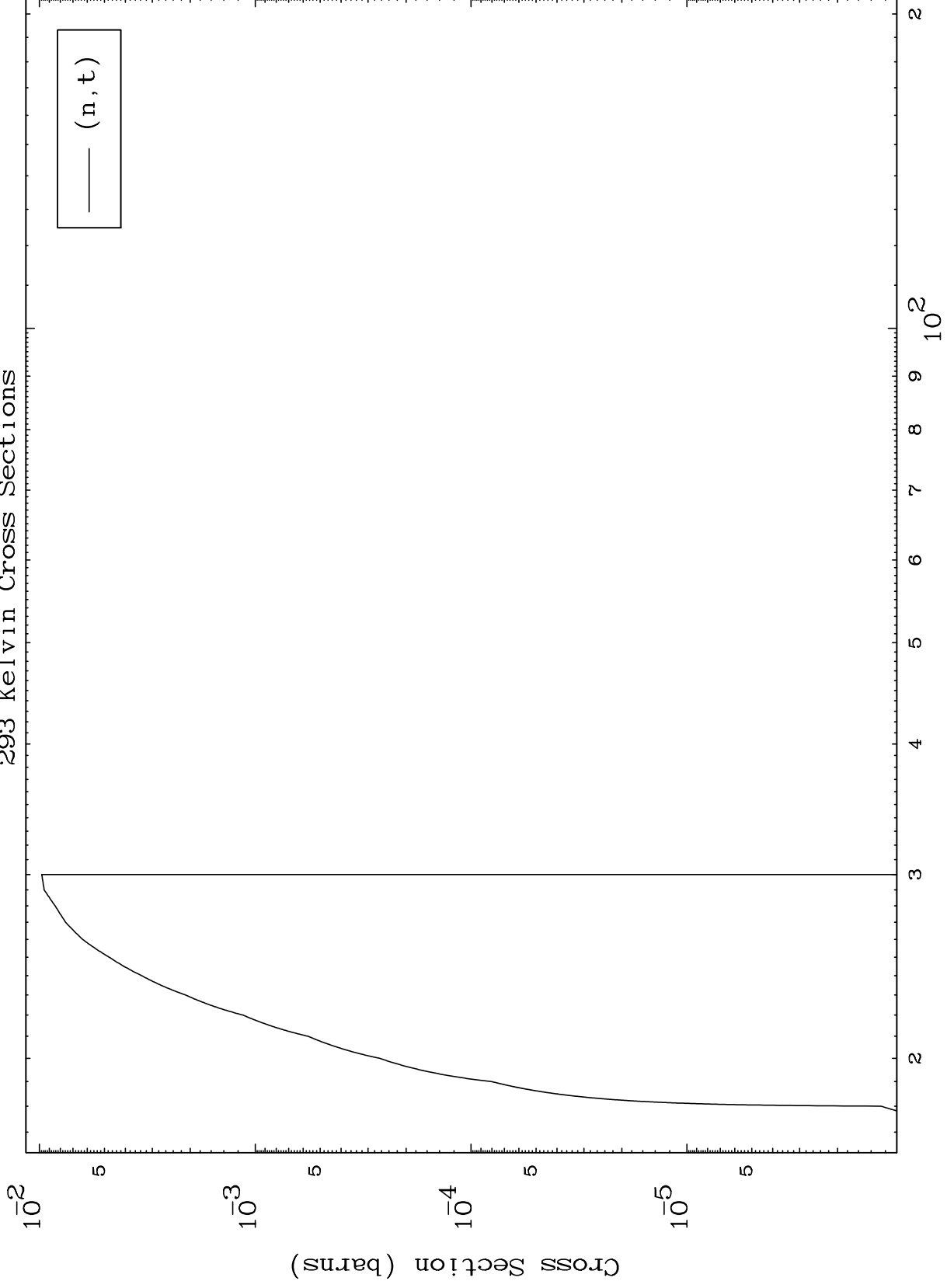
14-Si-28

Incident Energy (MeV)

MAT 1425

(n,t) Levels
293 Kelvin Cross Sections

14-Si-28



11

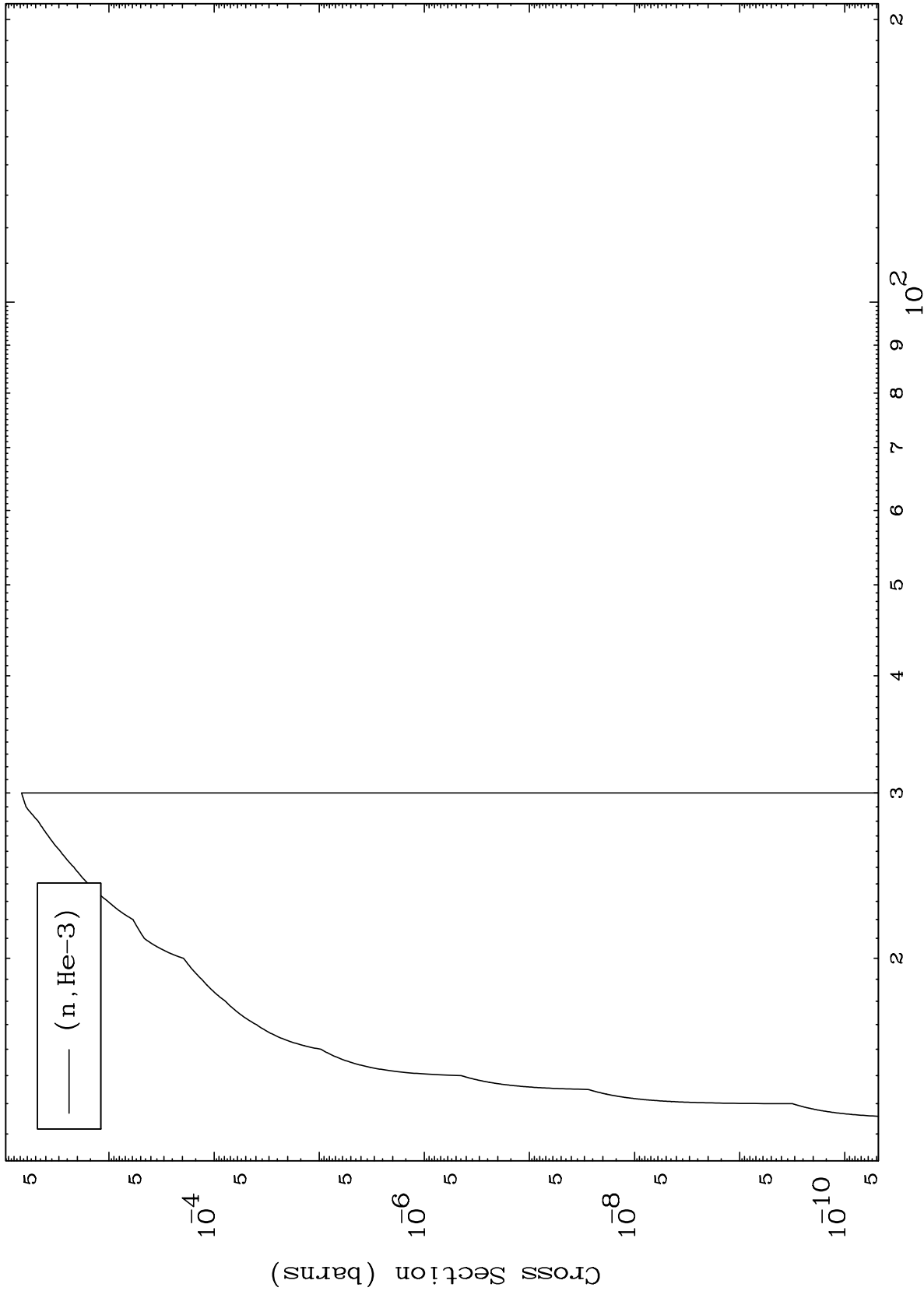
Incident Energy (MeV)

14-Si-28

MAT 1425

(n,He3) Levels
293 Kelvin Cross Sections

14-Si-28



12

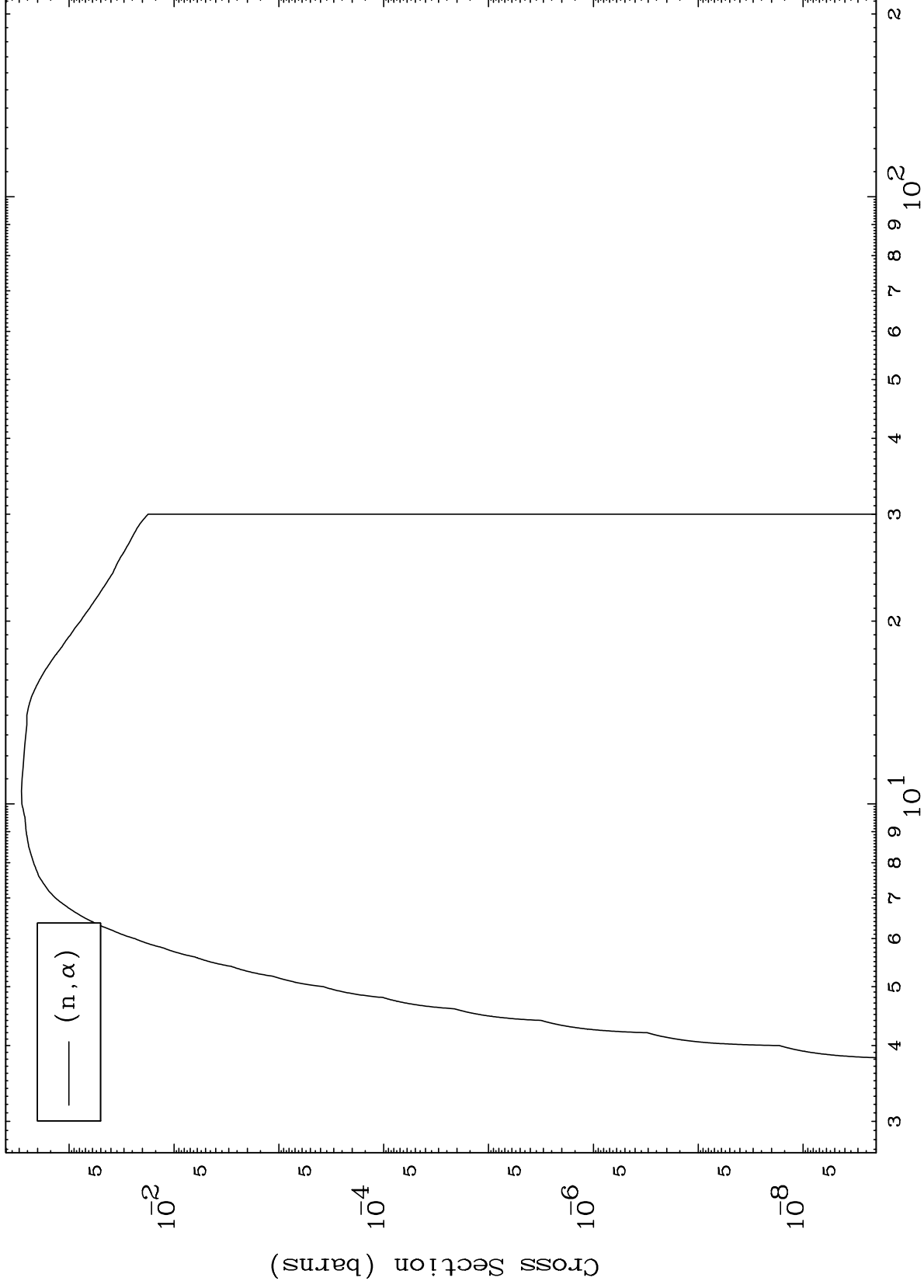
Incident Energy (MeV)

14-Si-28

MAT 1425

(n, α) Levels
293 Kelvin Cross Sections

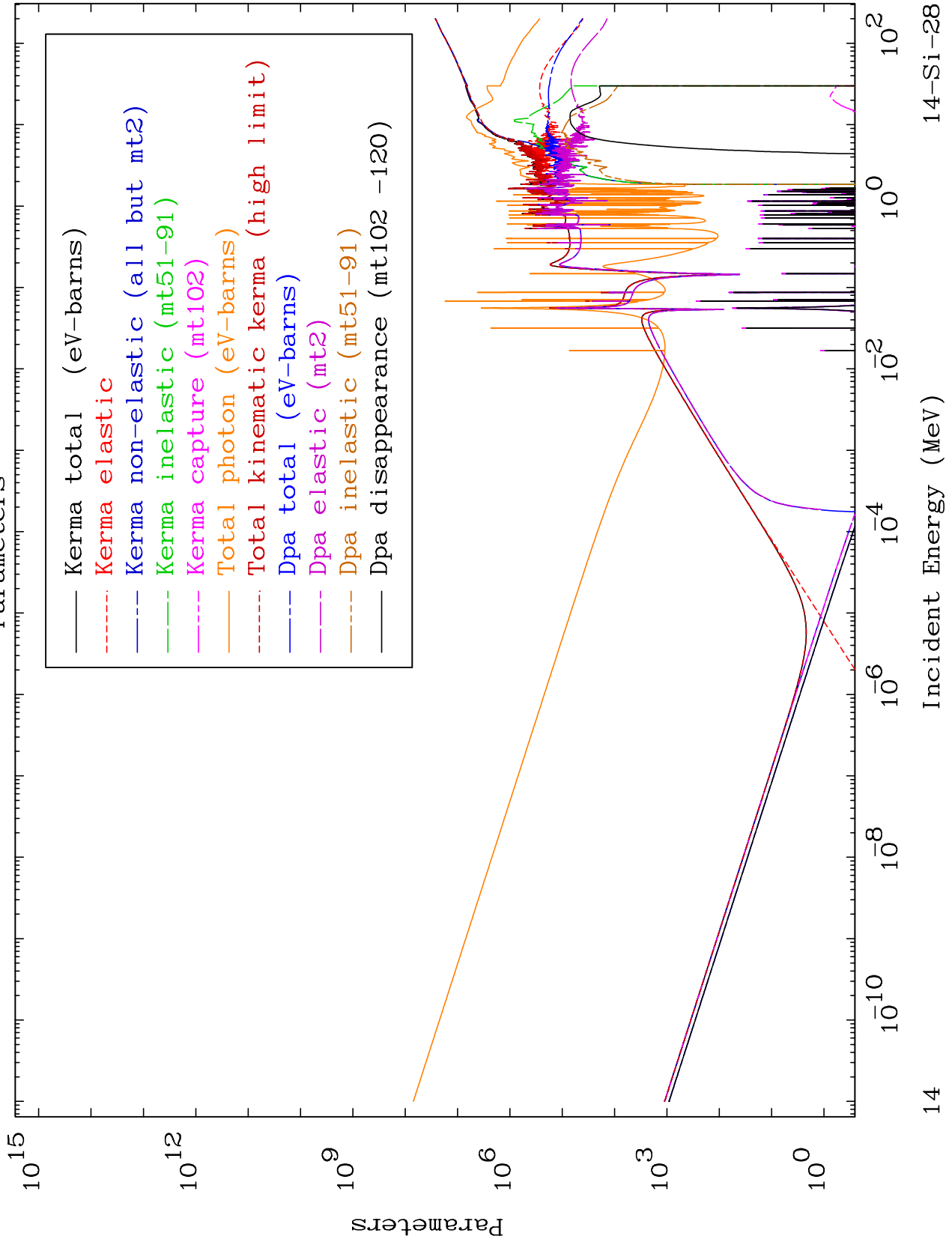
14-Si-28

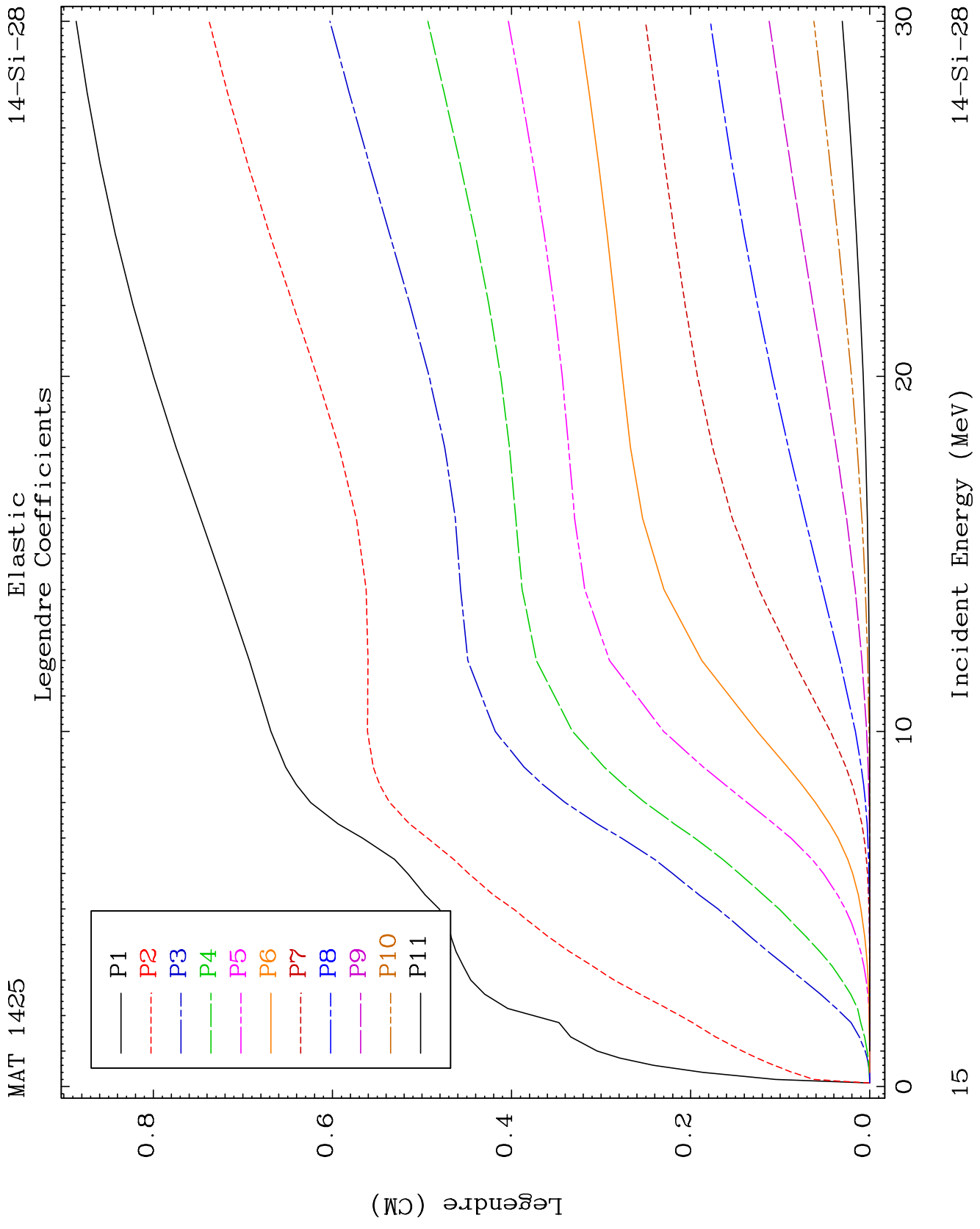


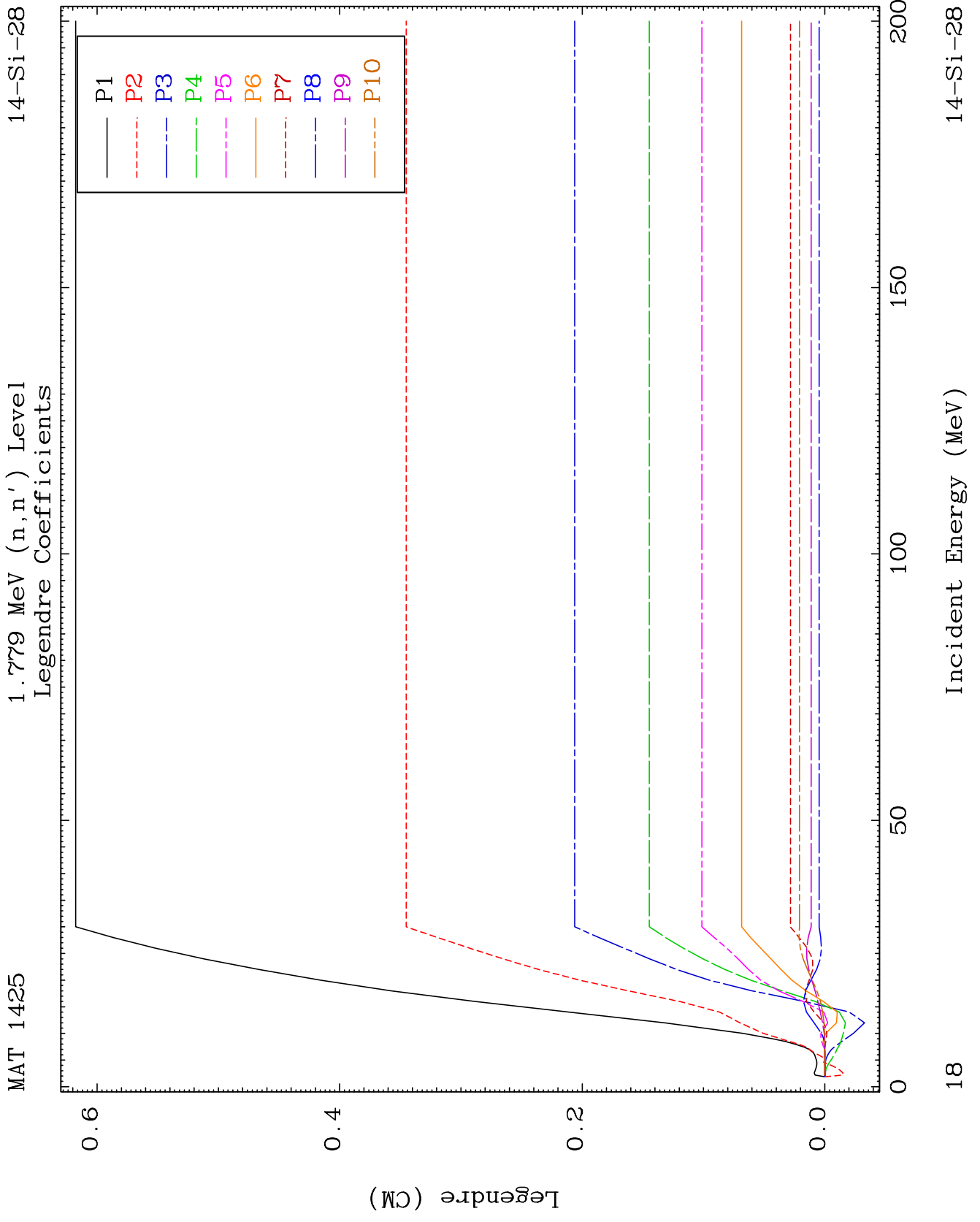
13

Incident Energy (MeV)

14-Si-28



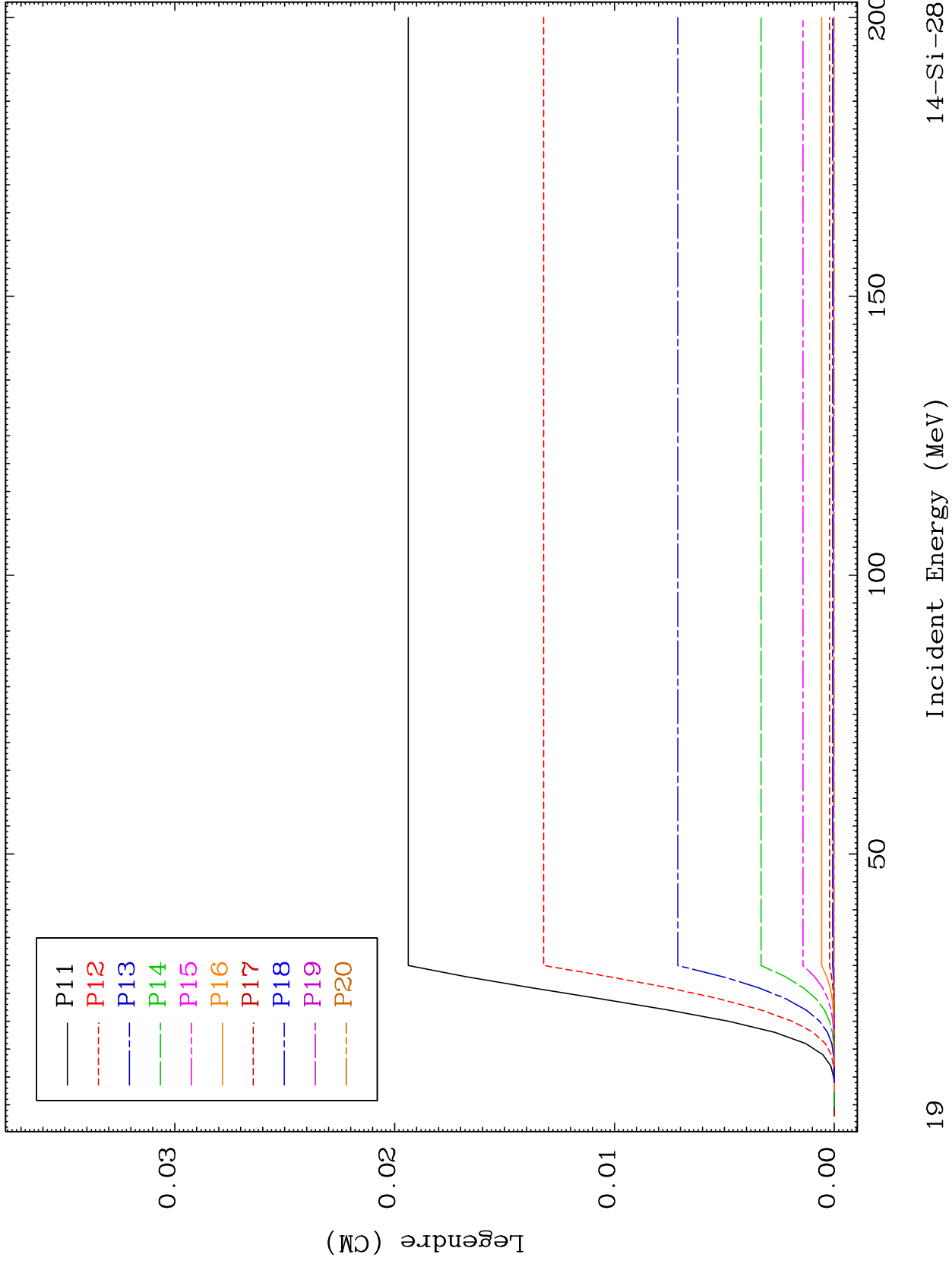




MAT 1425

1.779 MeV (n,n') Level
Legendre Coefficients

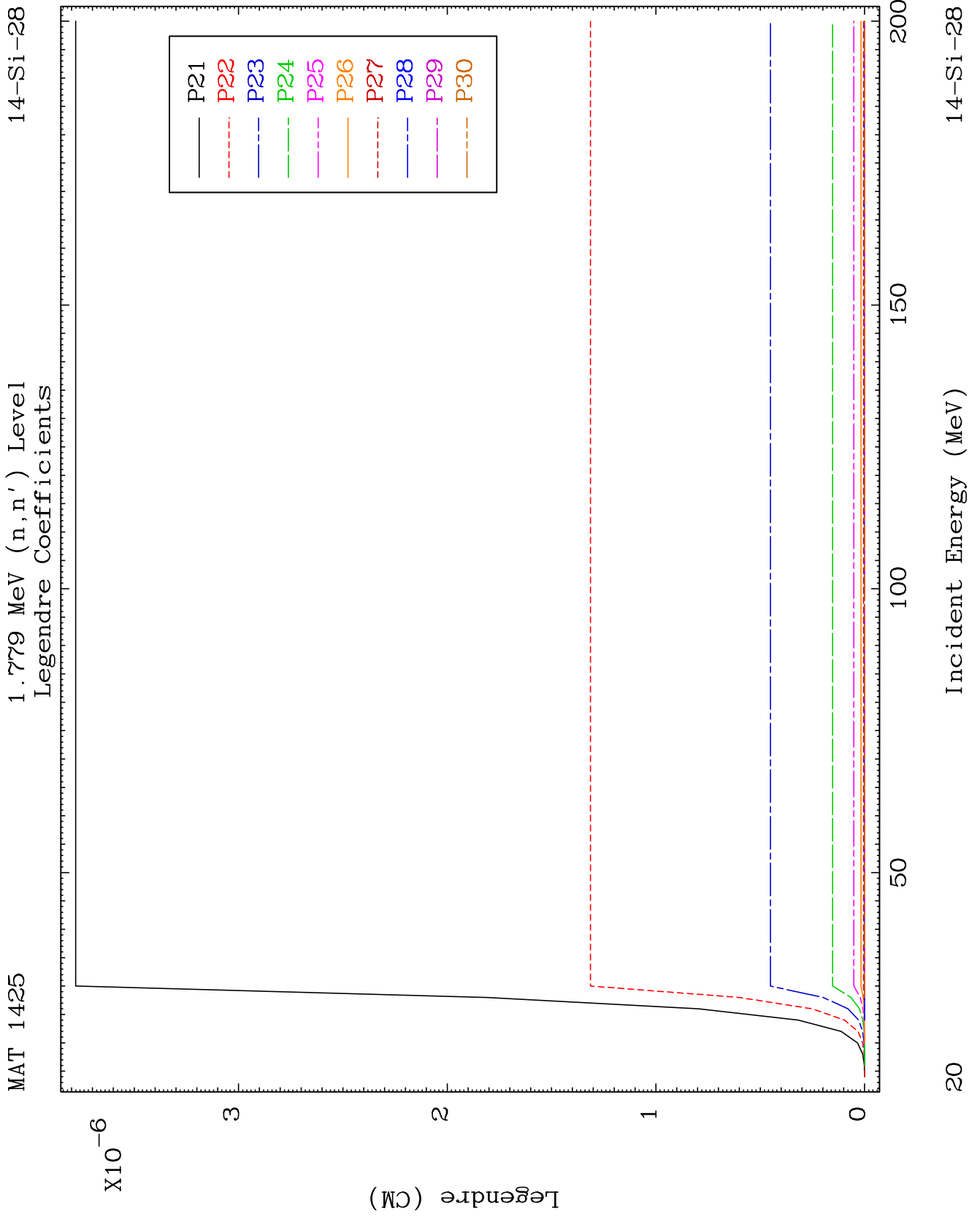
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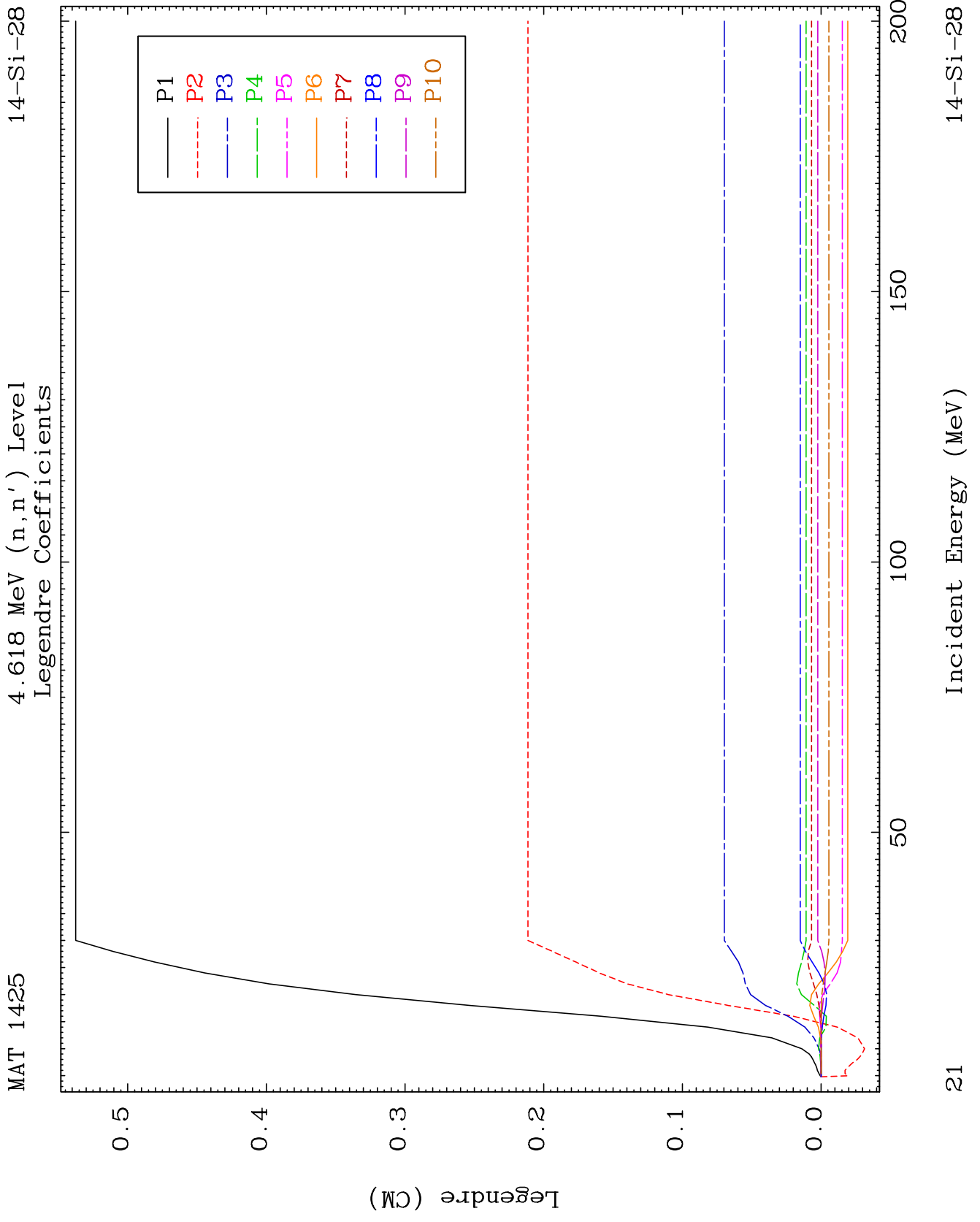


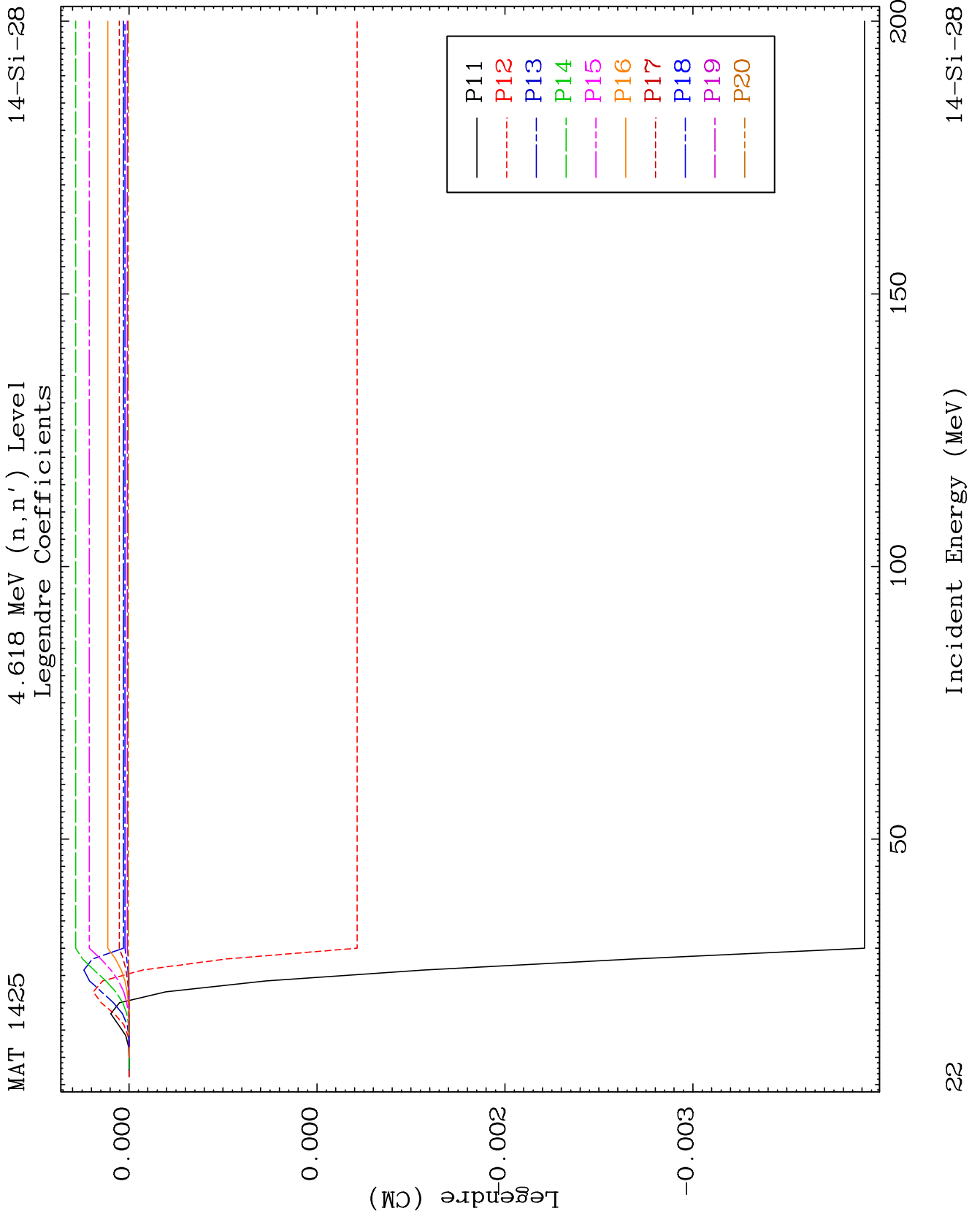
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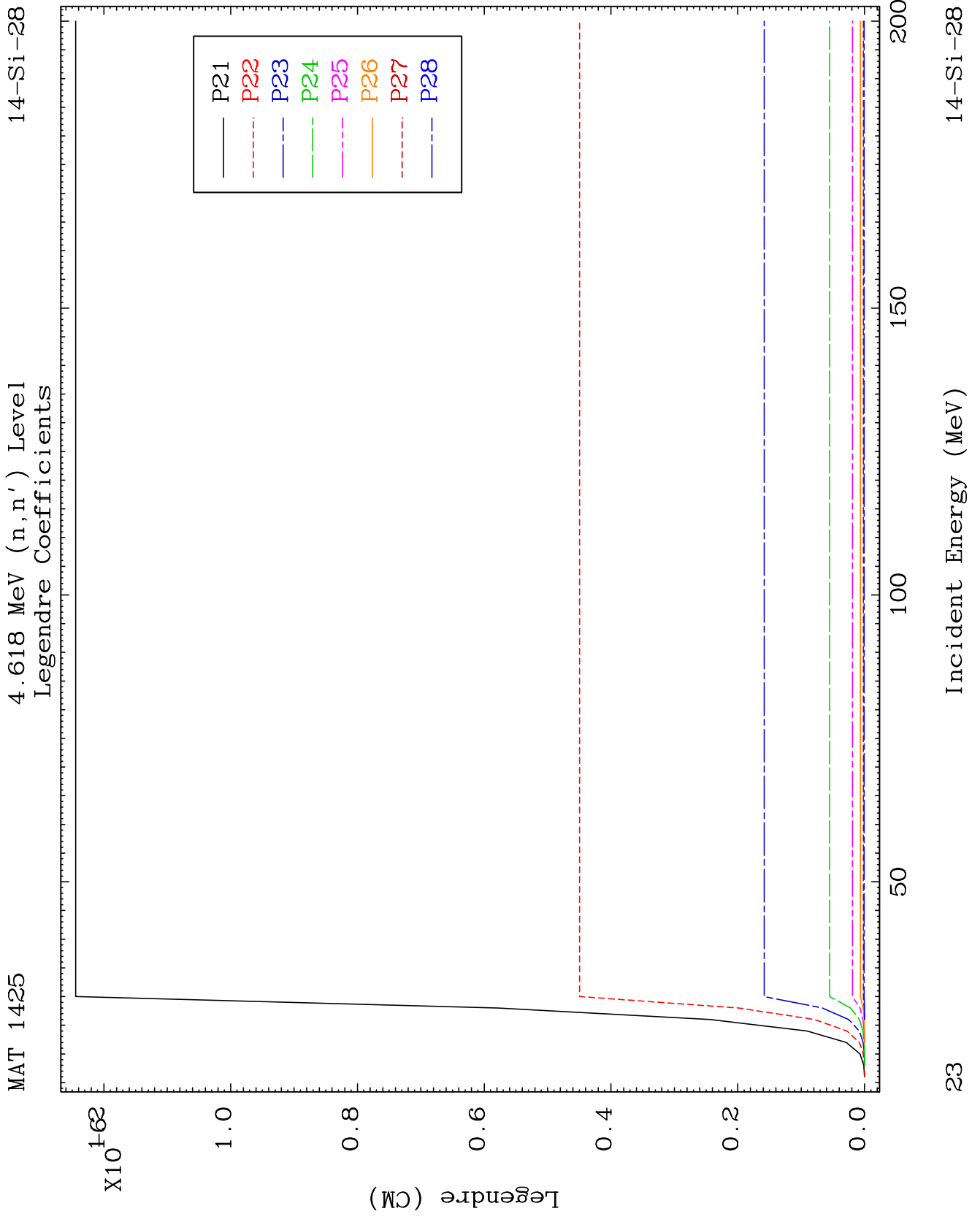
Incident Energy (MeV)

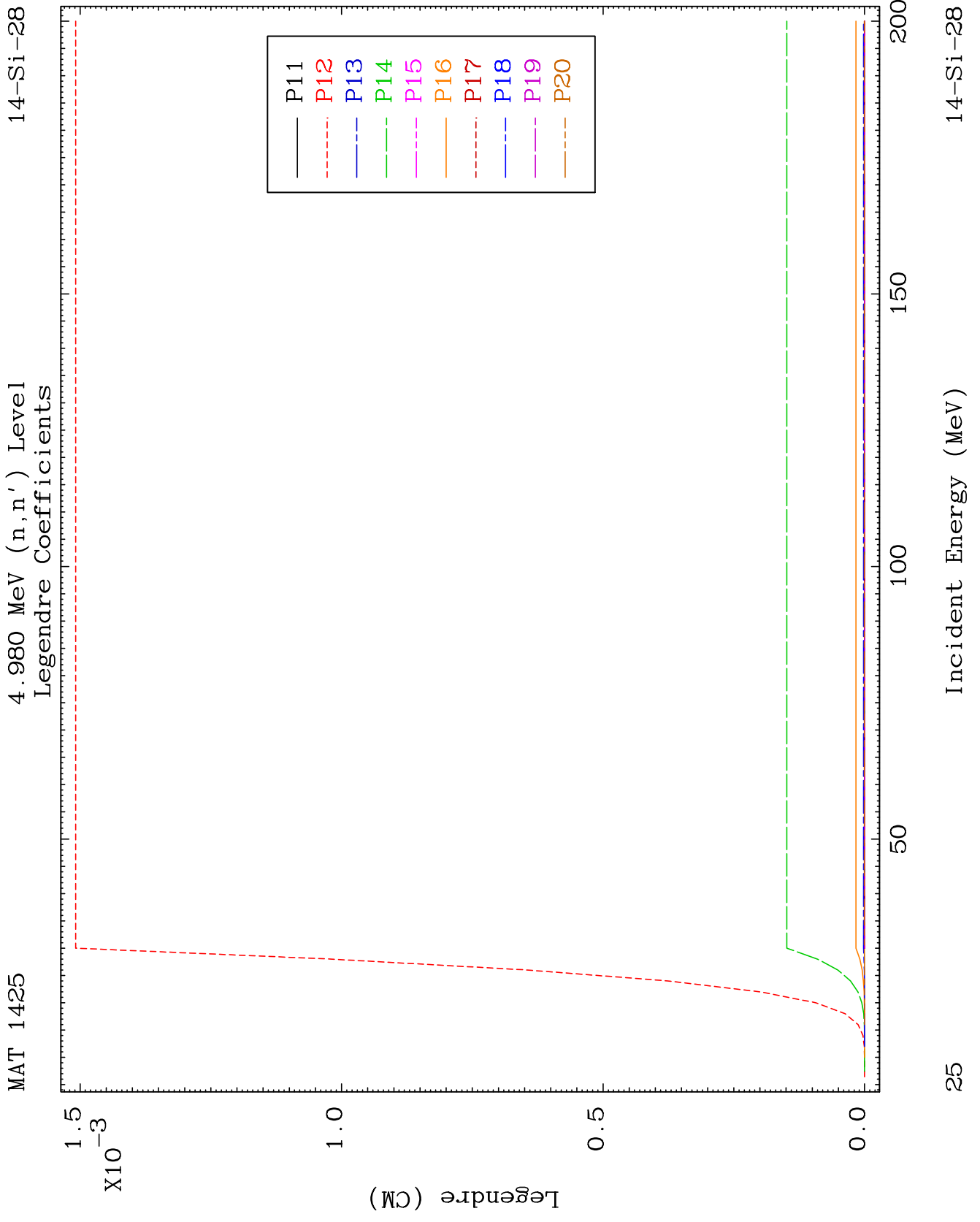
14-Si-28

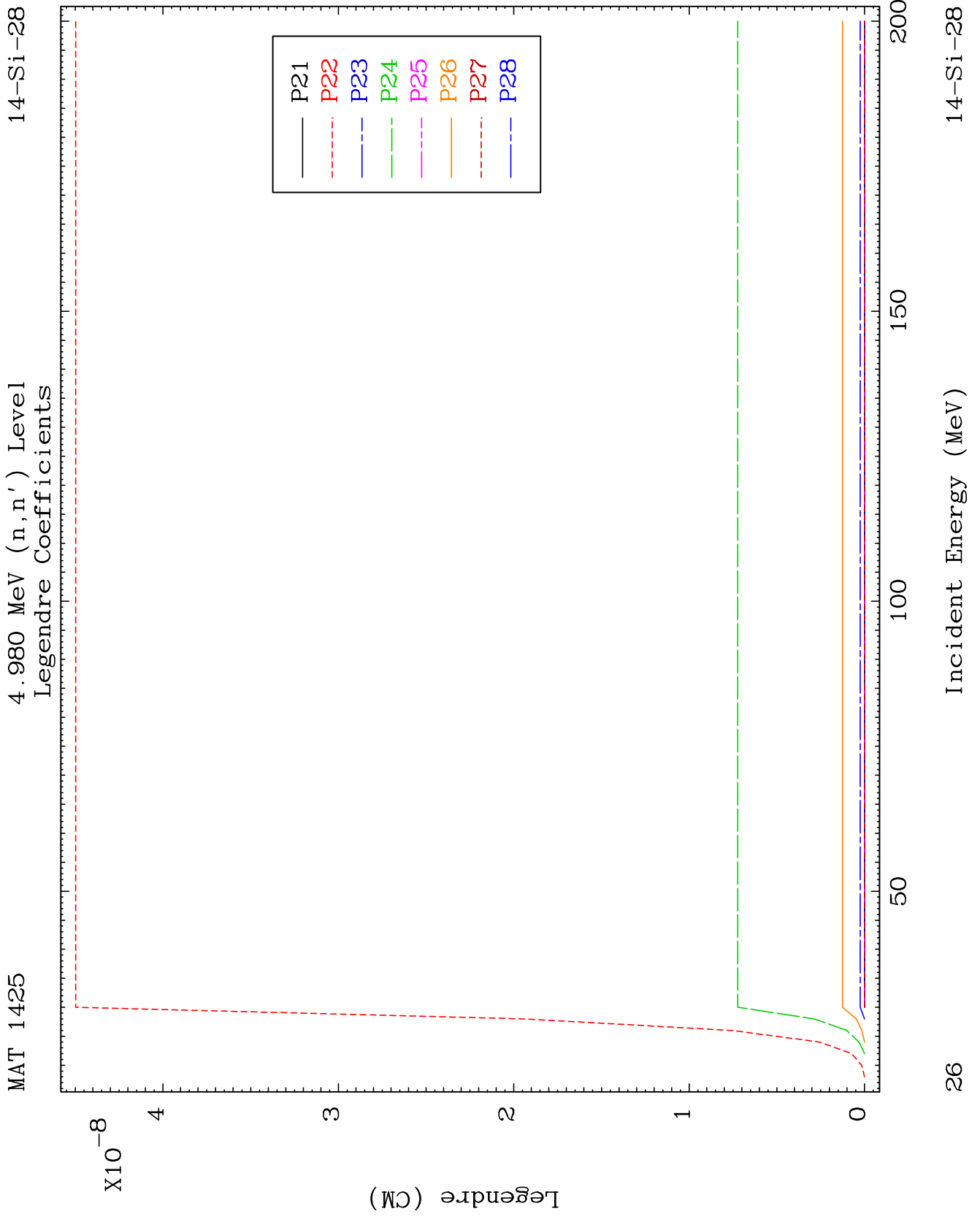


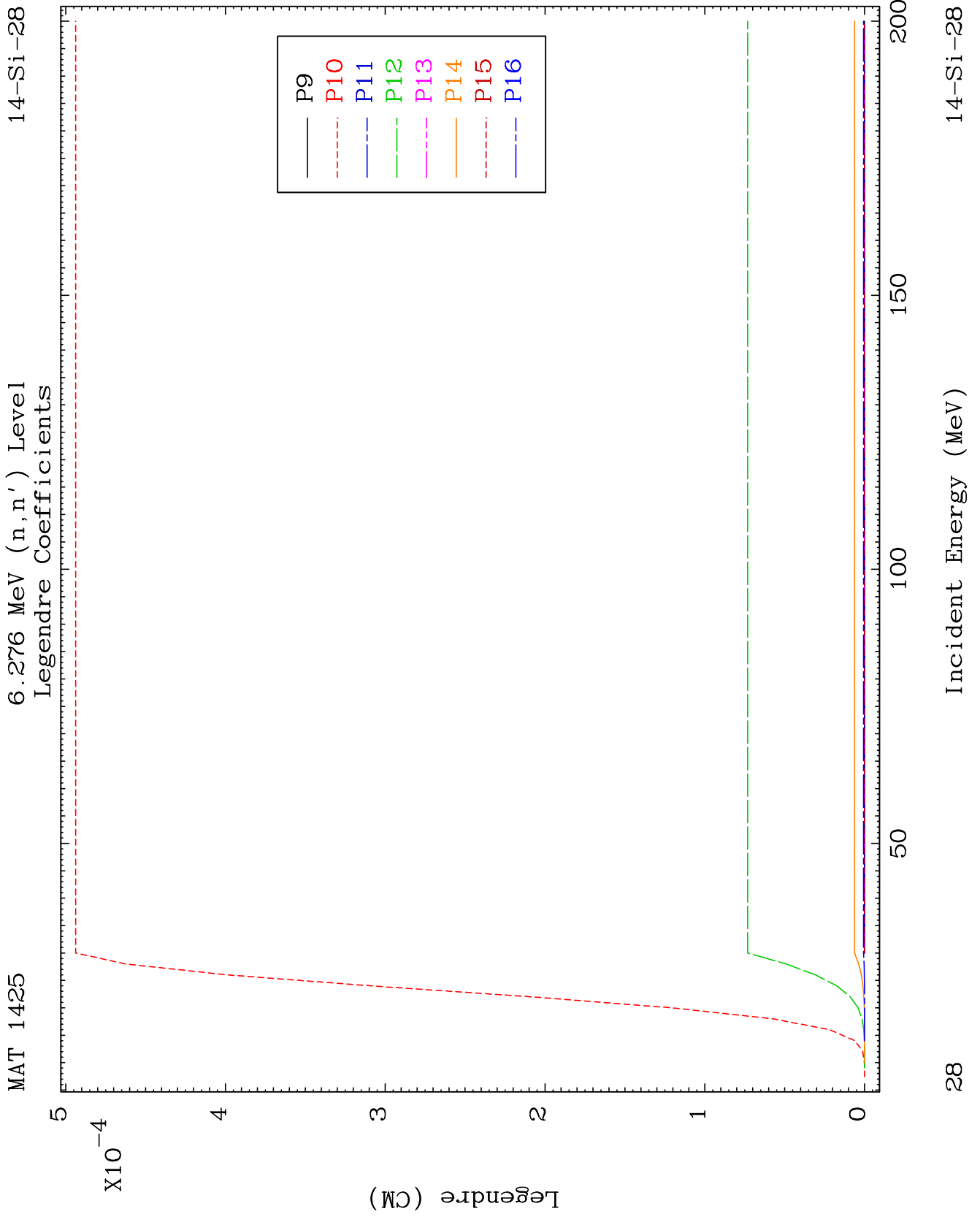


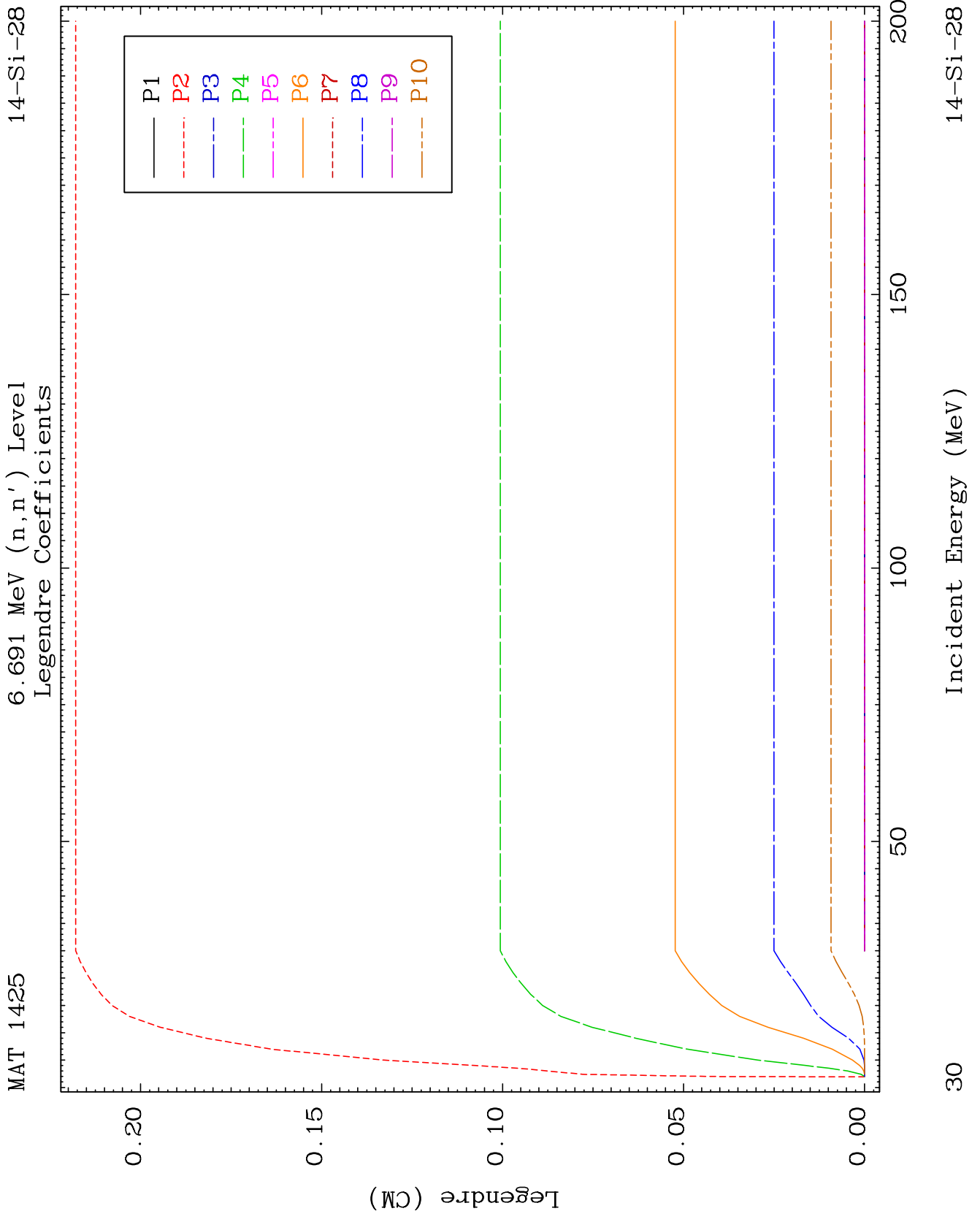


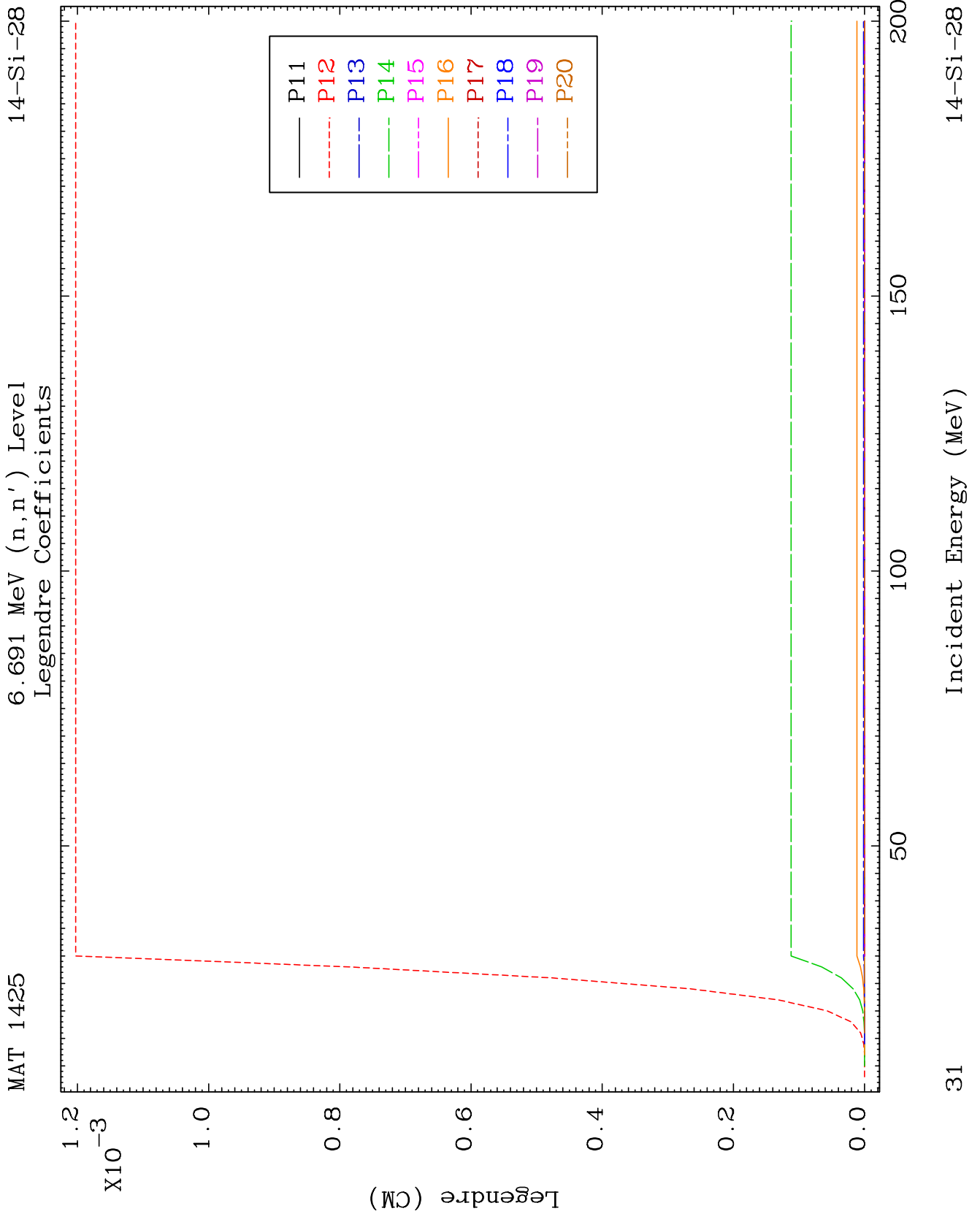


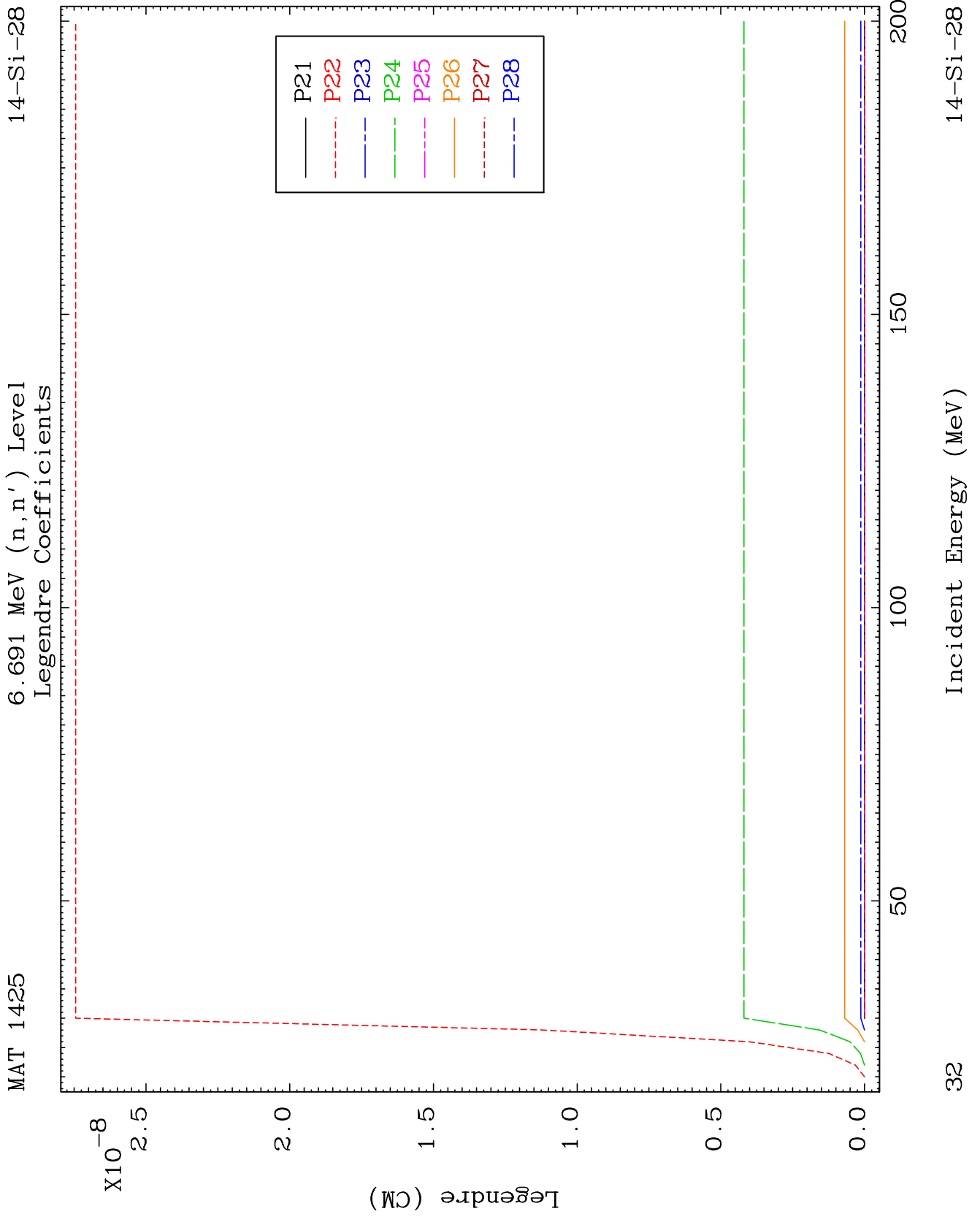


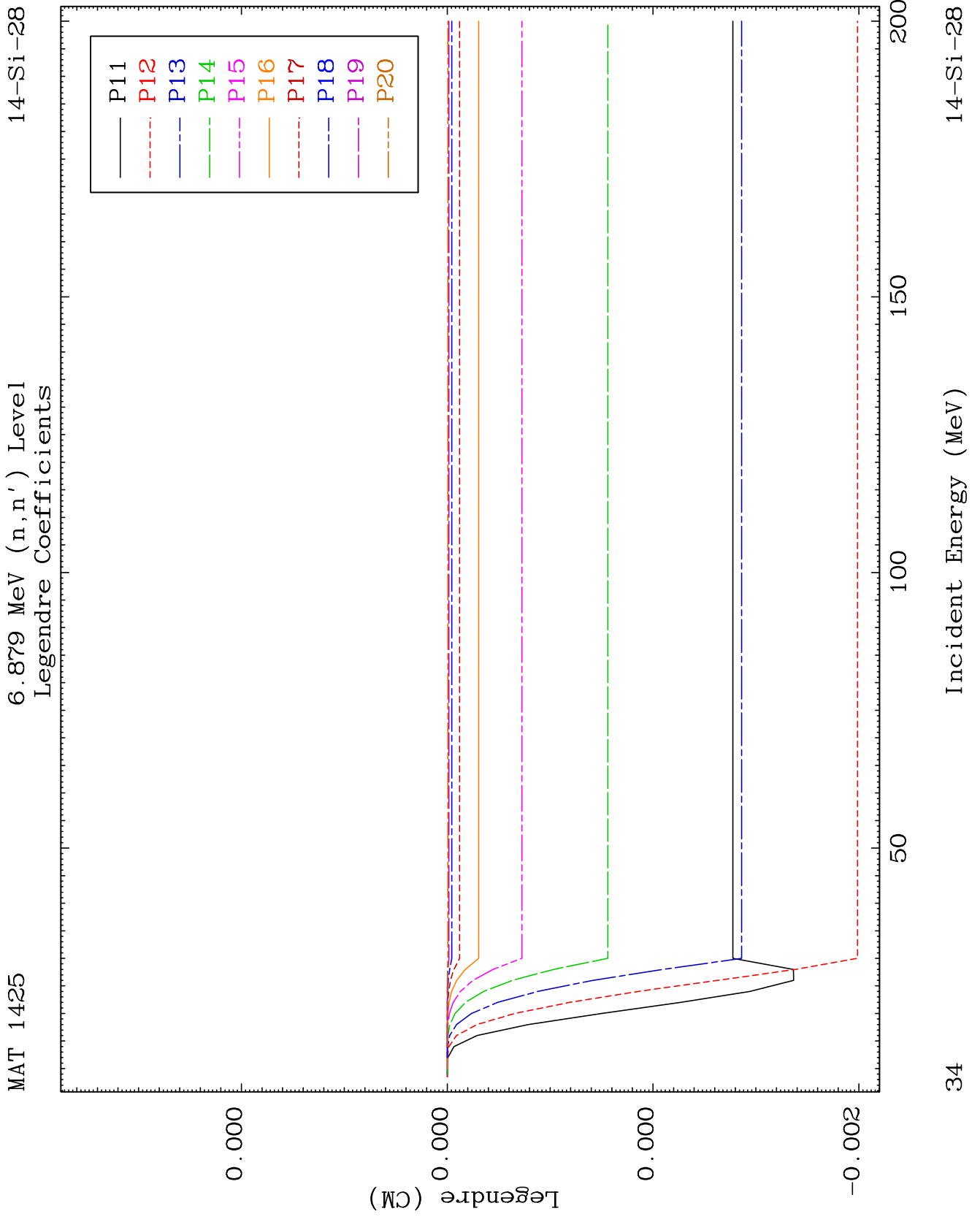


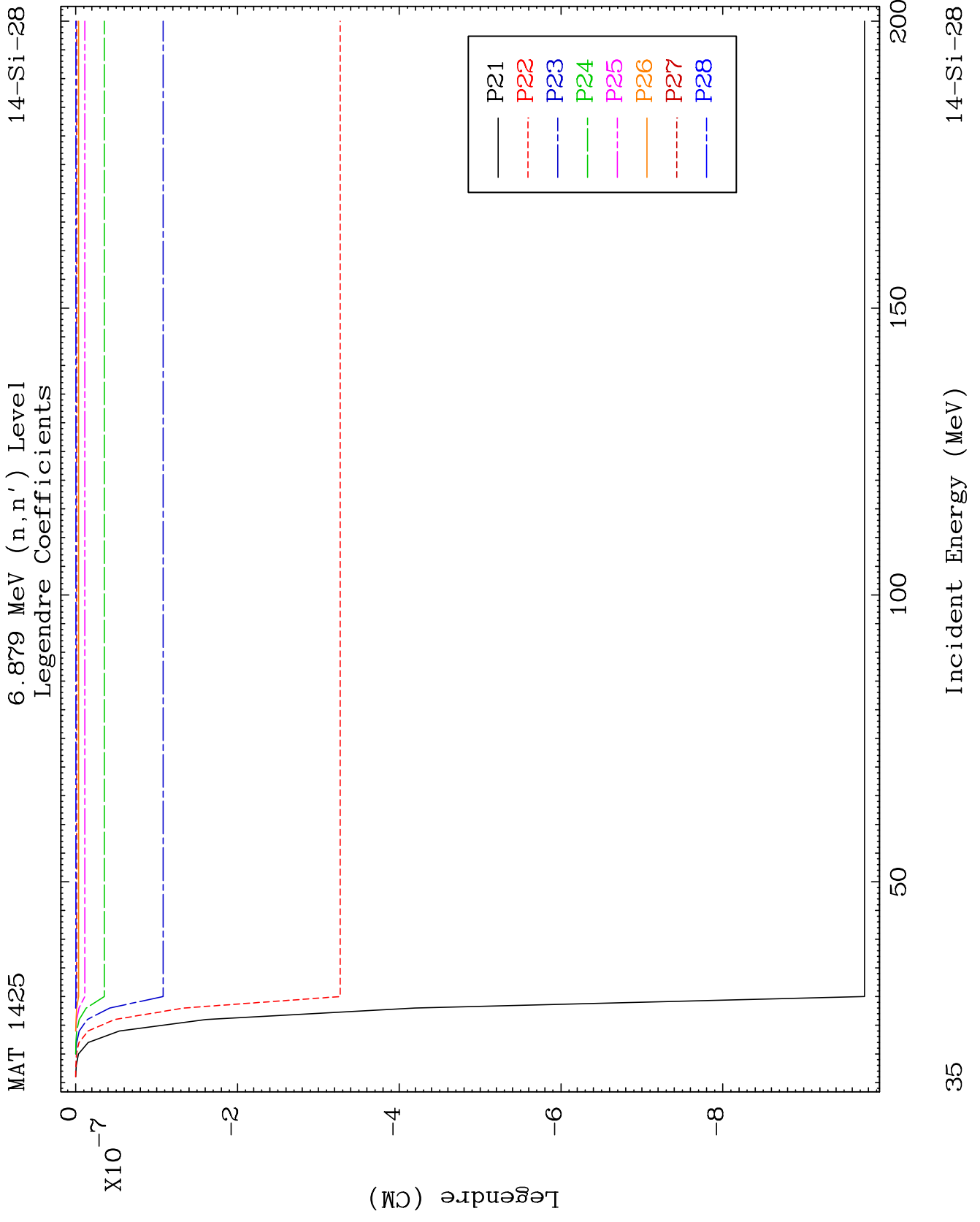


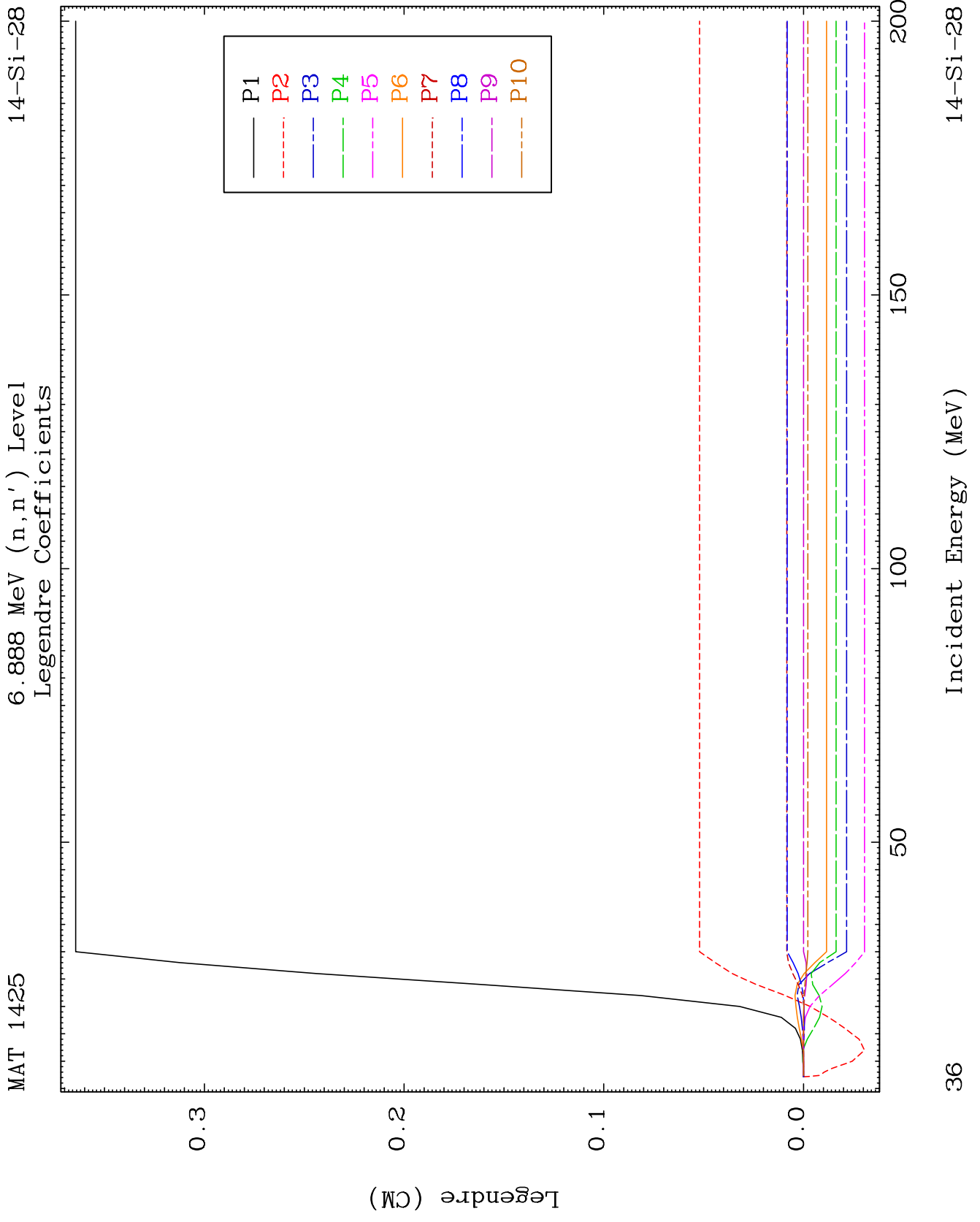


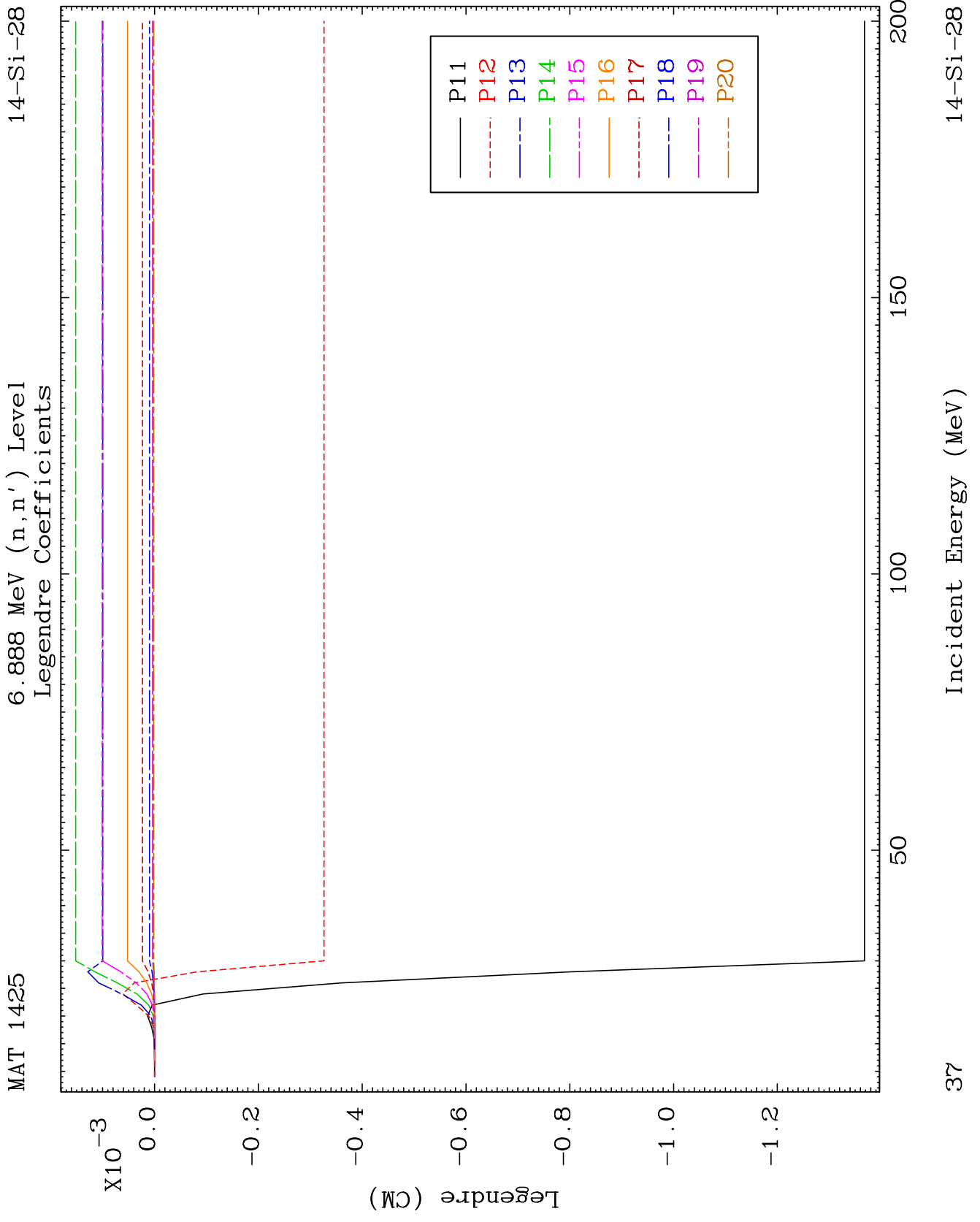


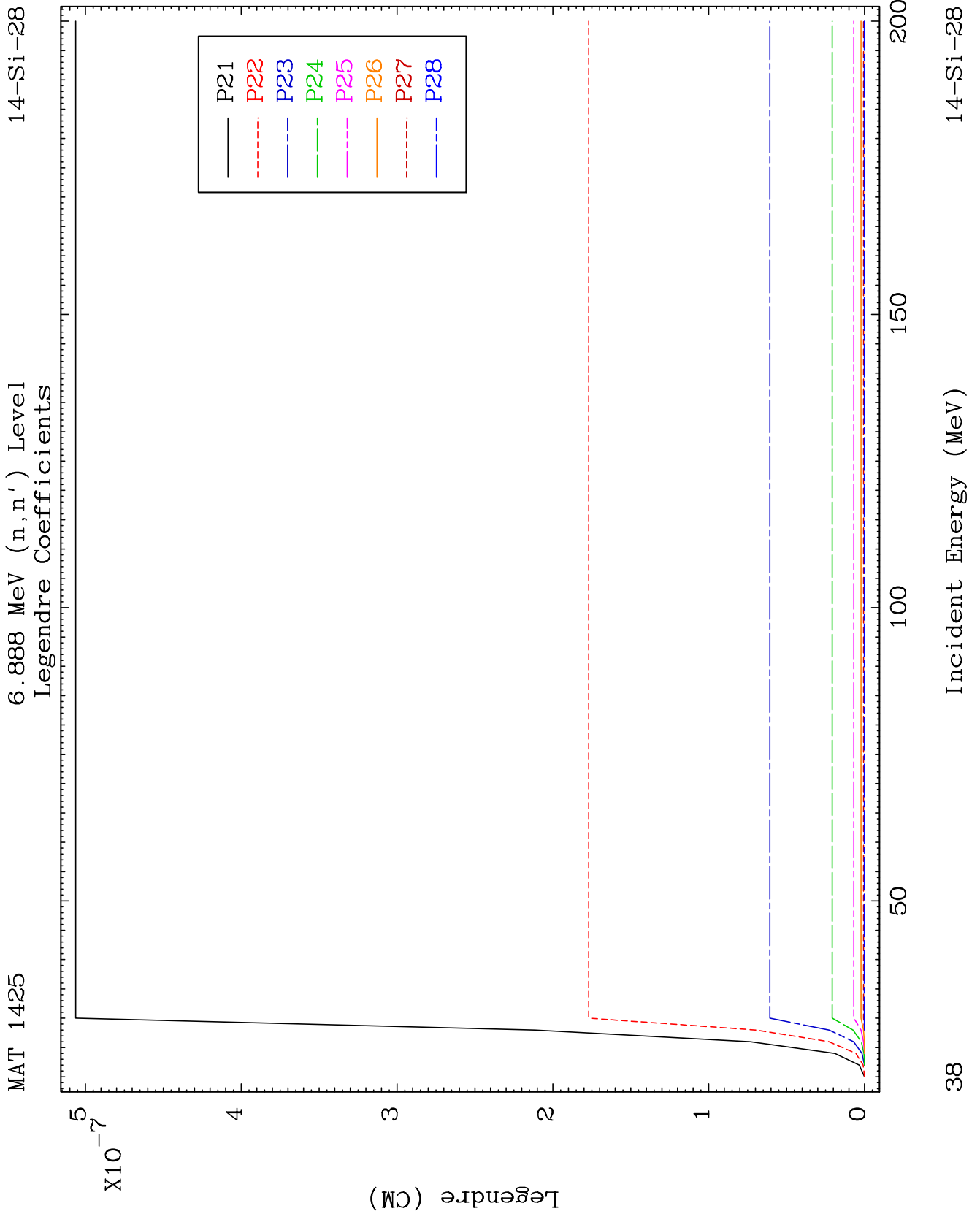


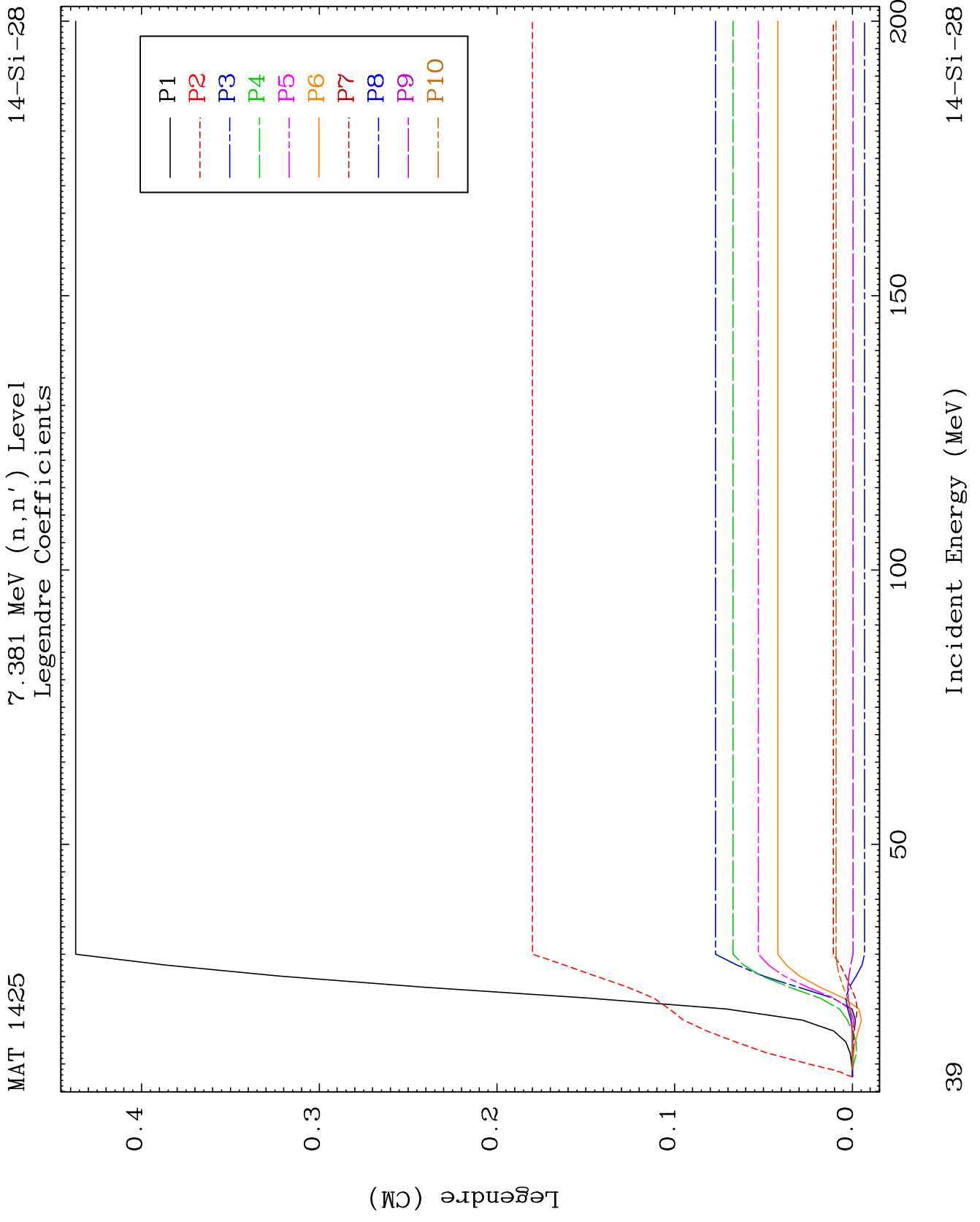


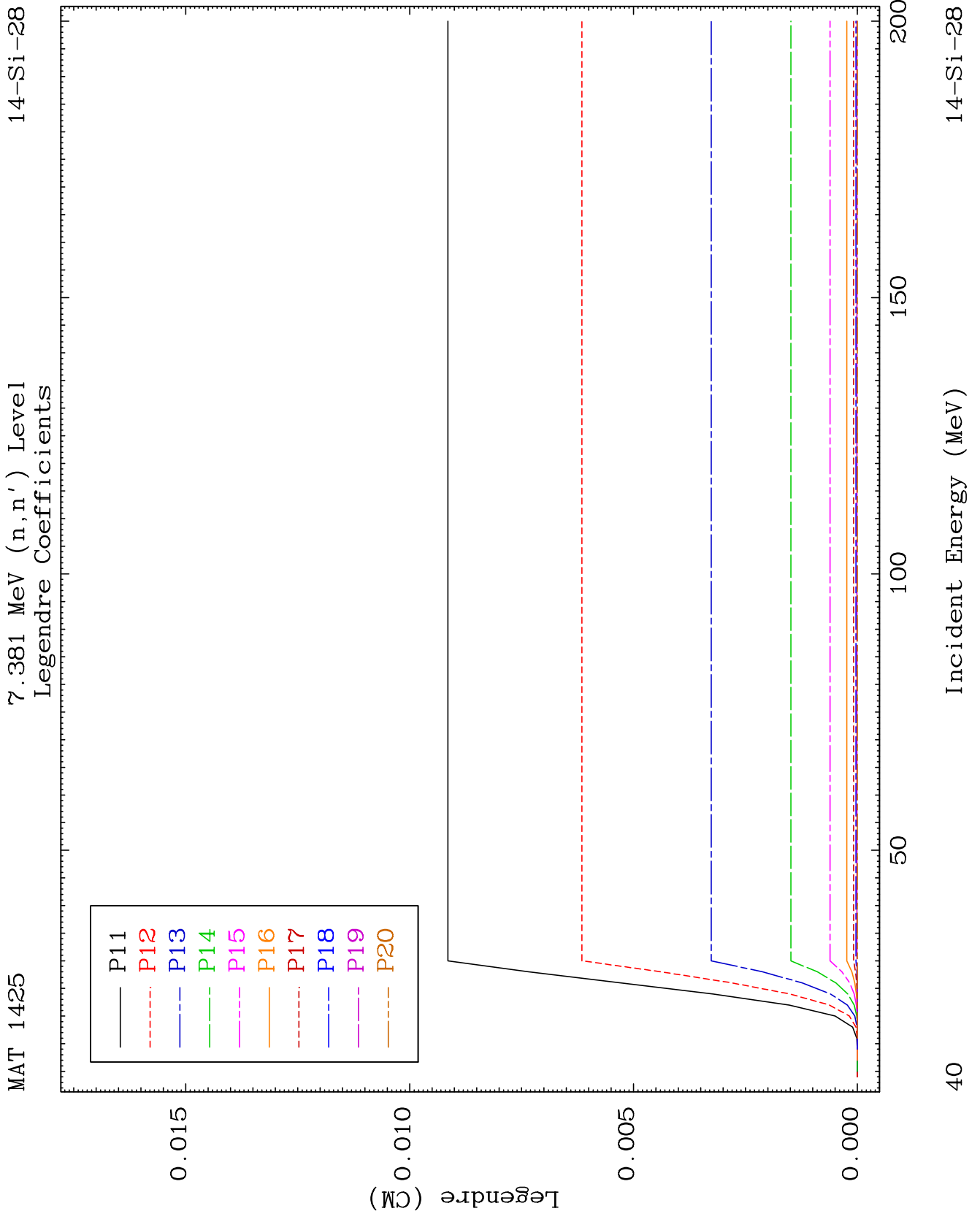


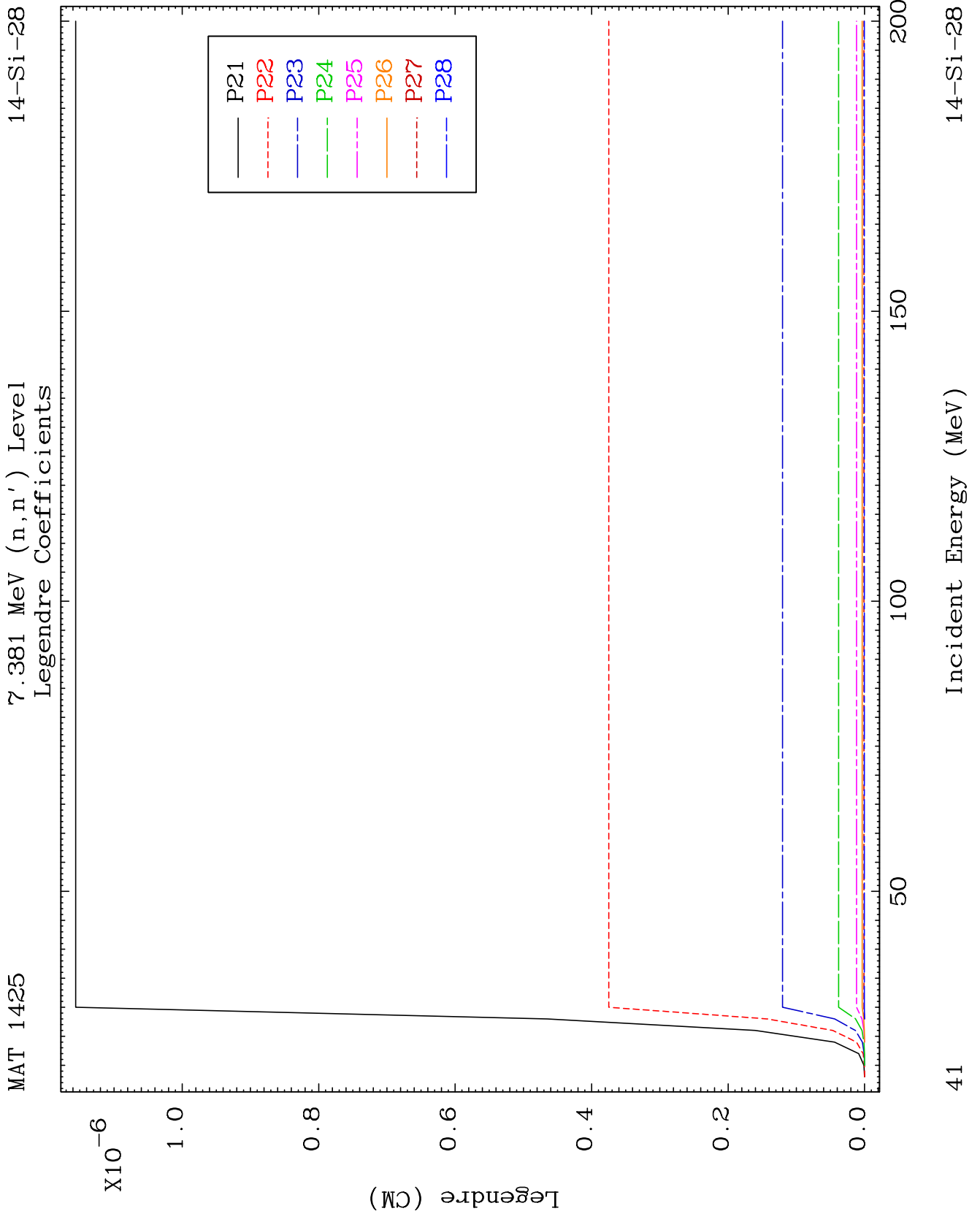


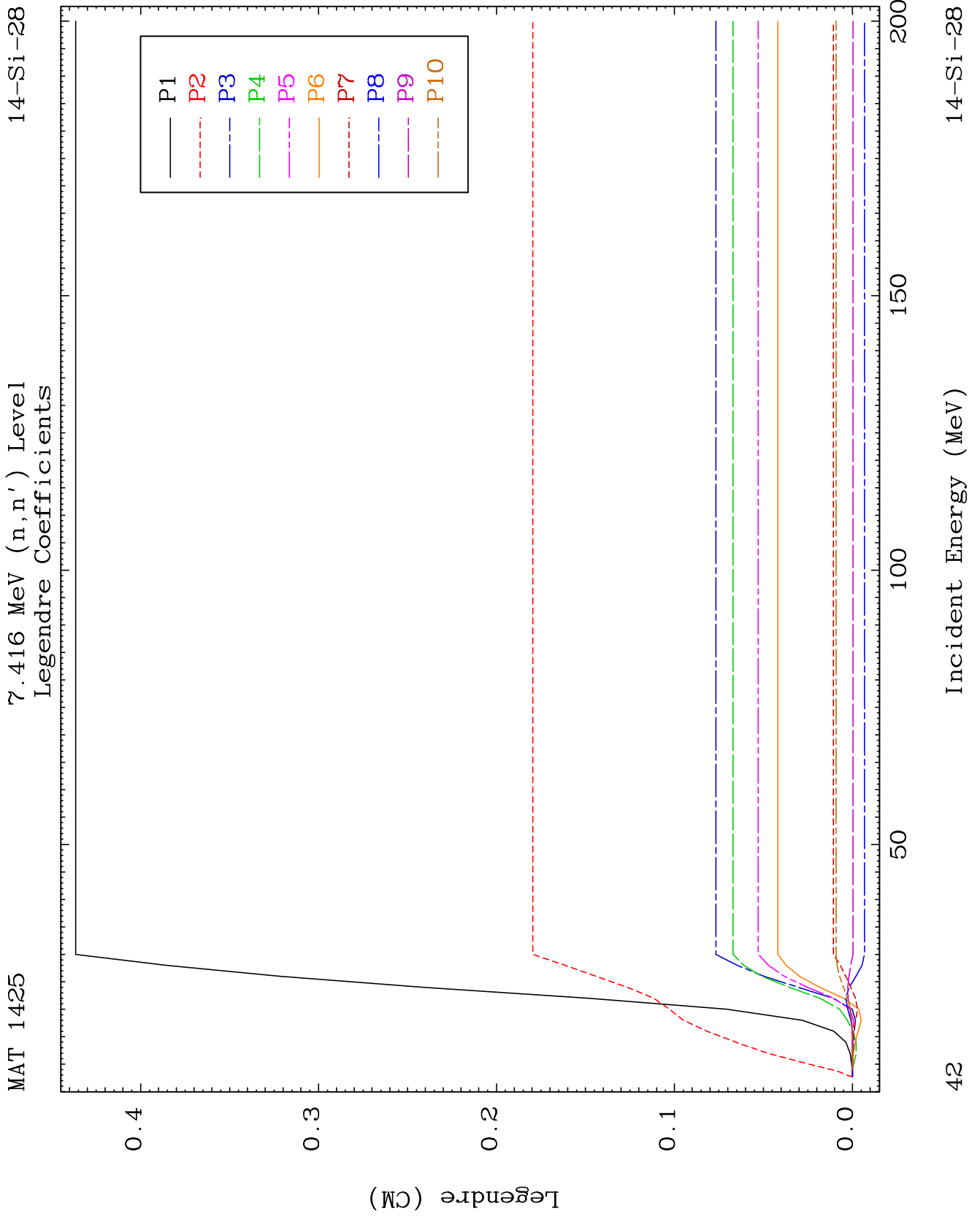








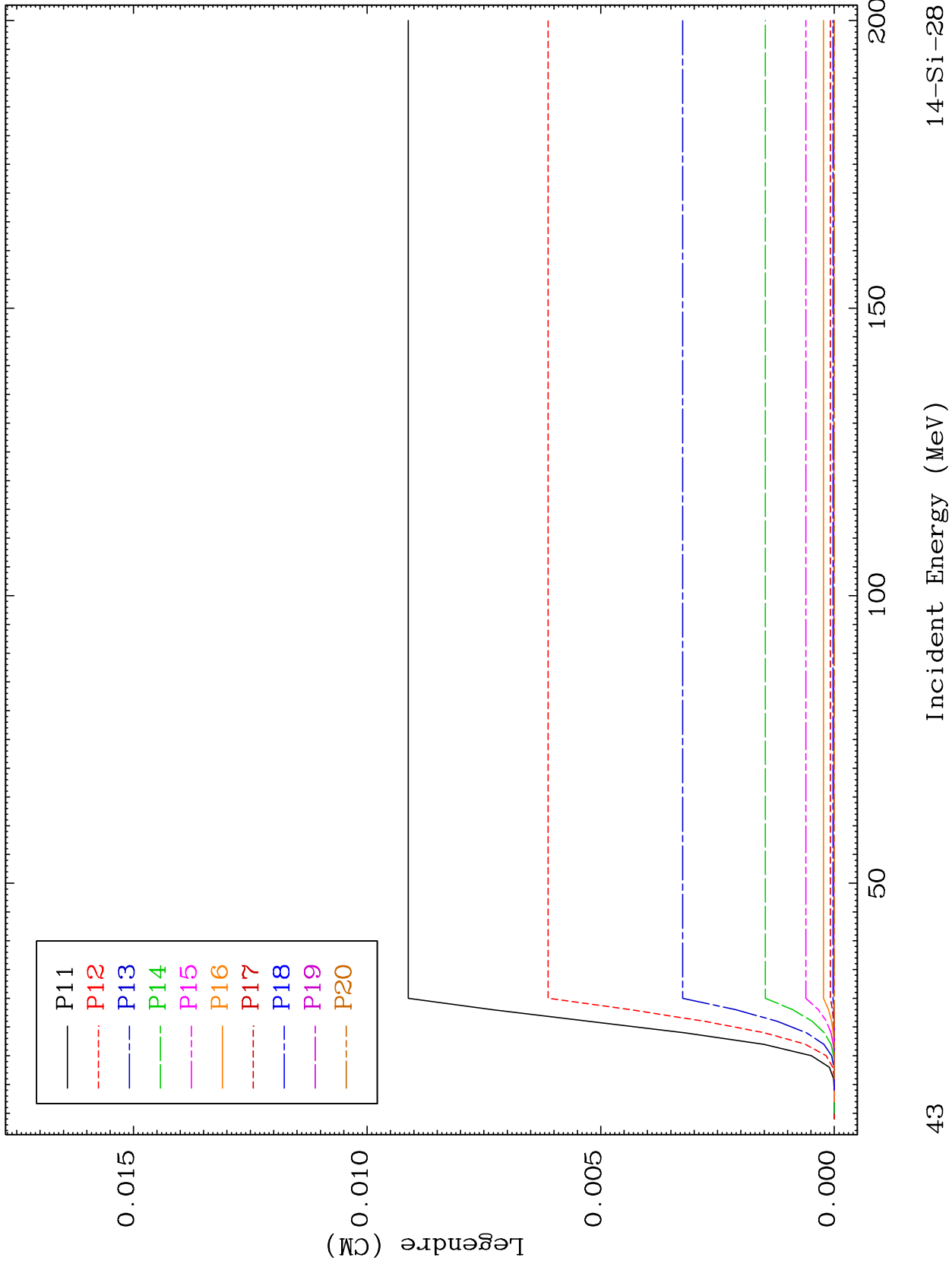




MAT 1425

7.416 MeV (n,n') Level
Legendre Coefficients

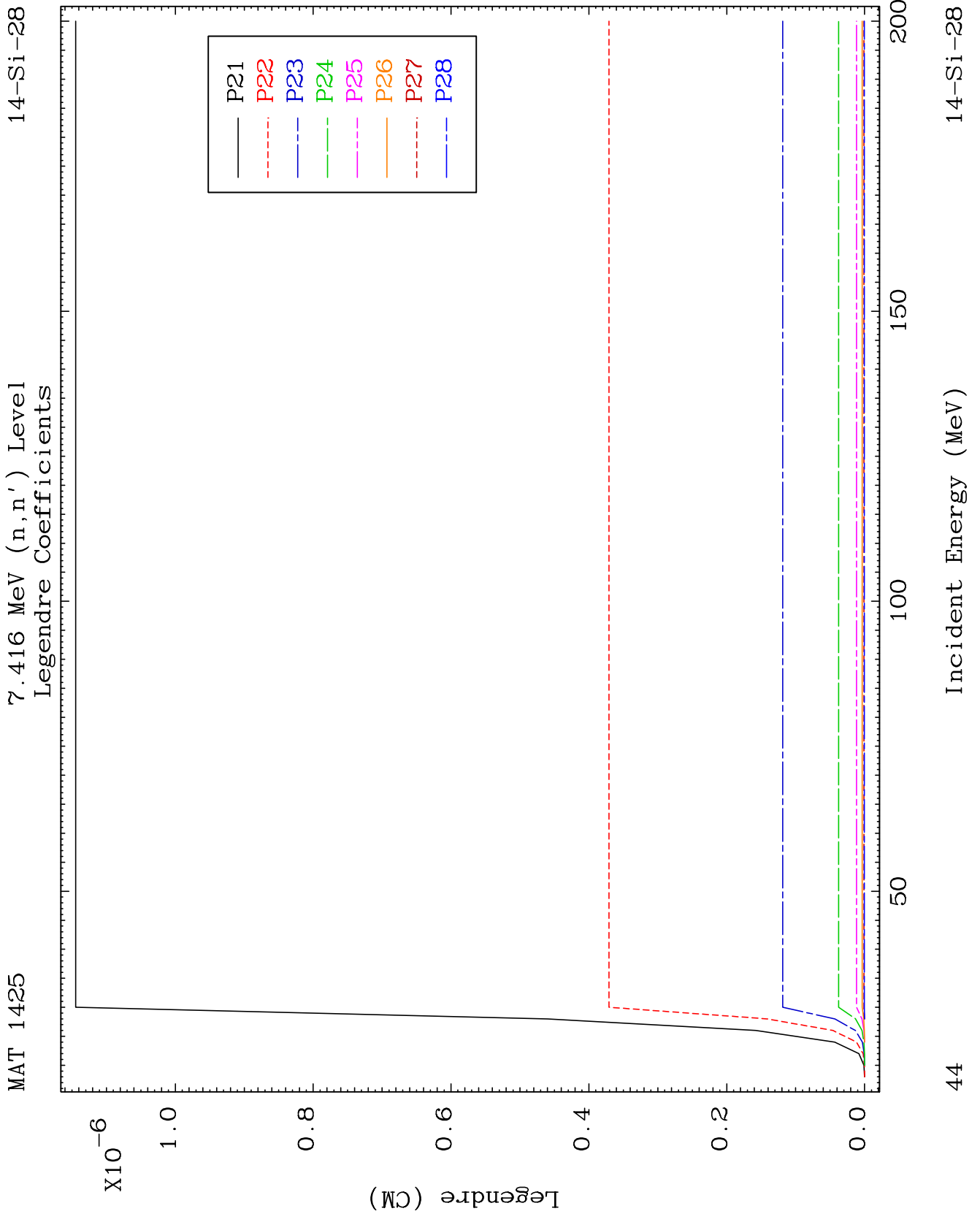
14-Si-28



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Incident Energy (MeV)

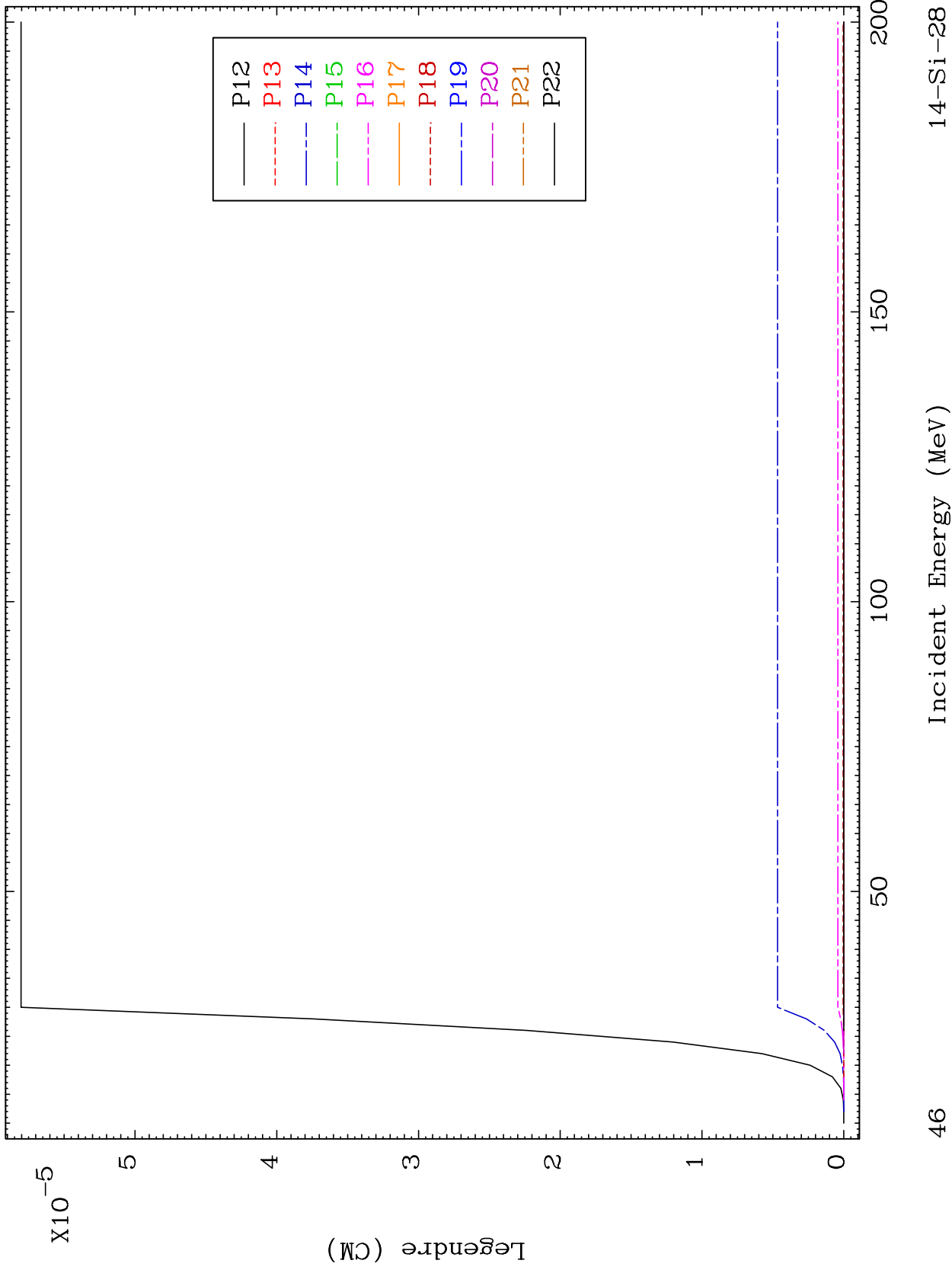
14-Si-28



MAT 1425

7.799 MeV (n,n') Level
Legendre Coefficients

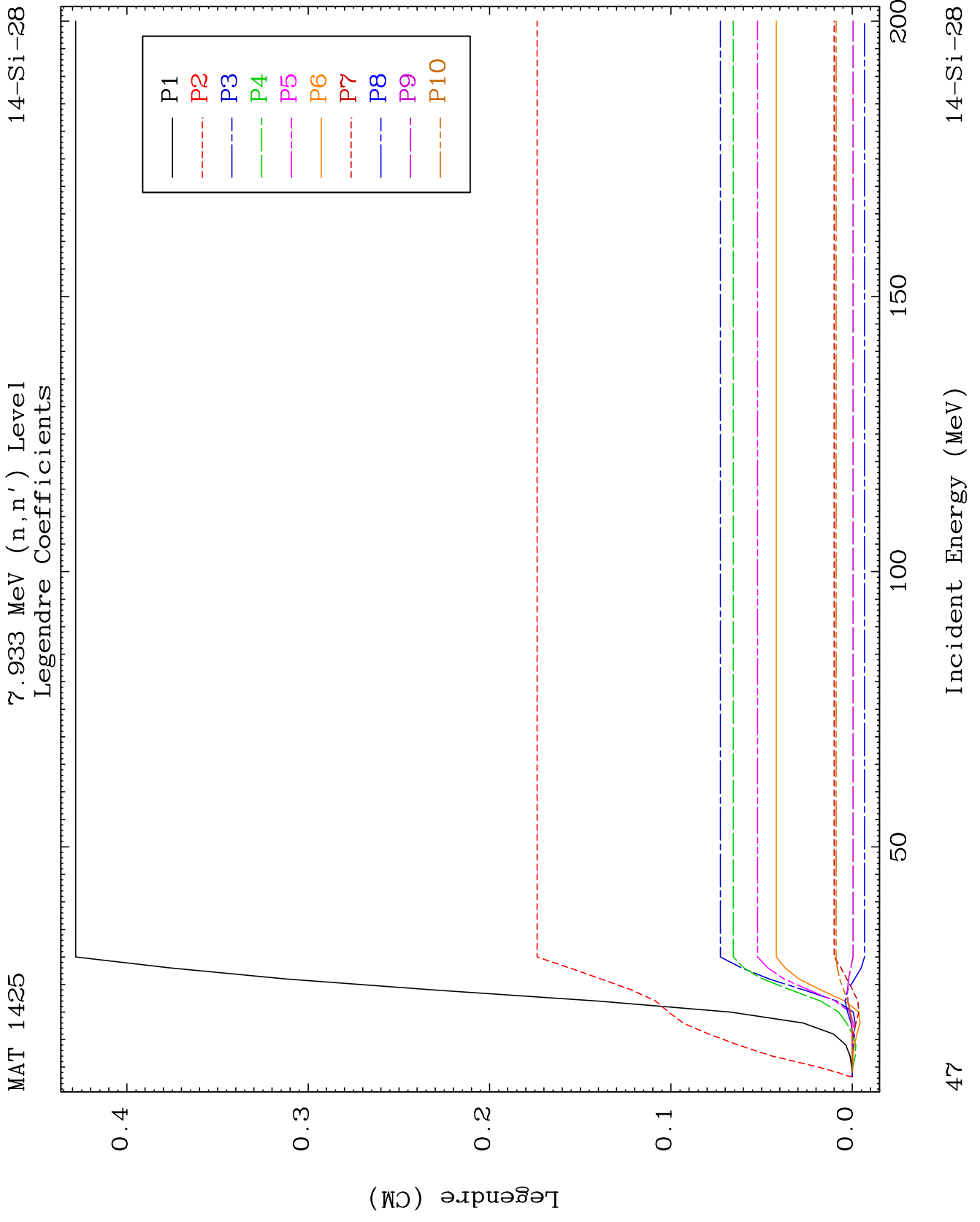
14-Si-28



14-Si-28

Incident Energy (MeV)

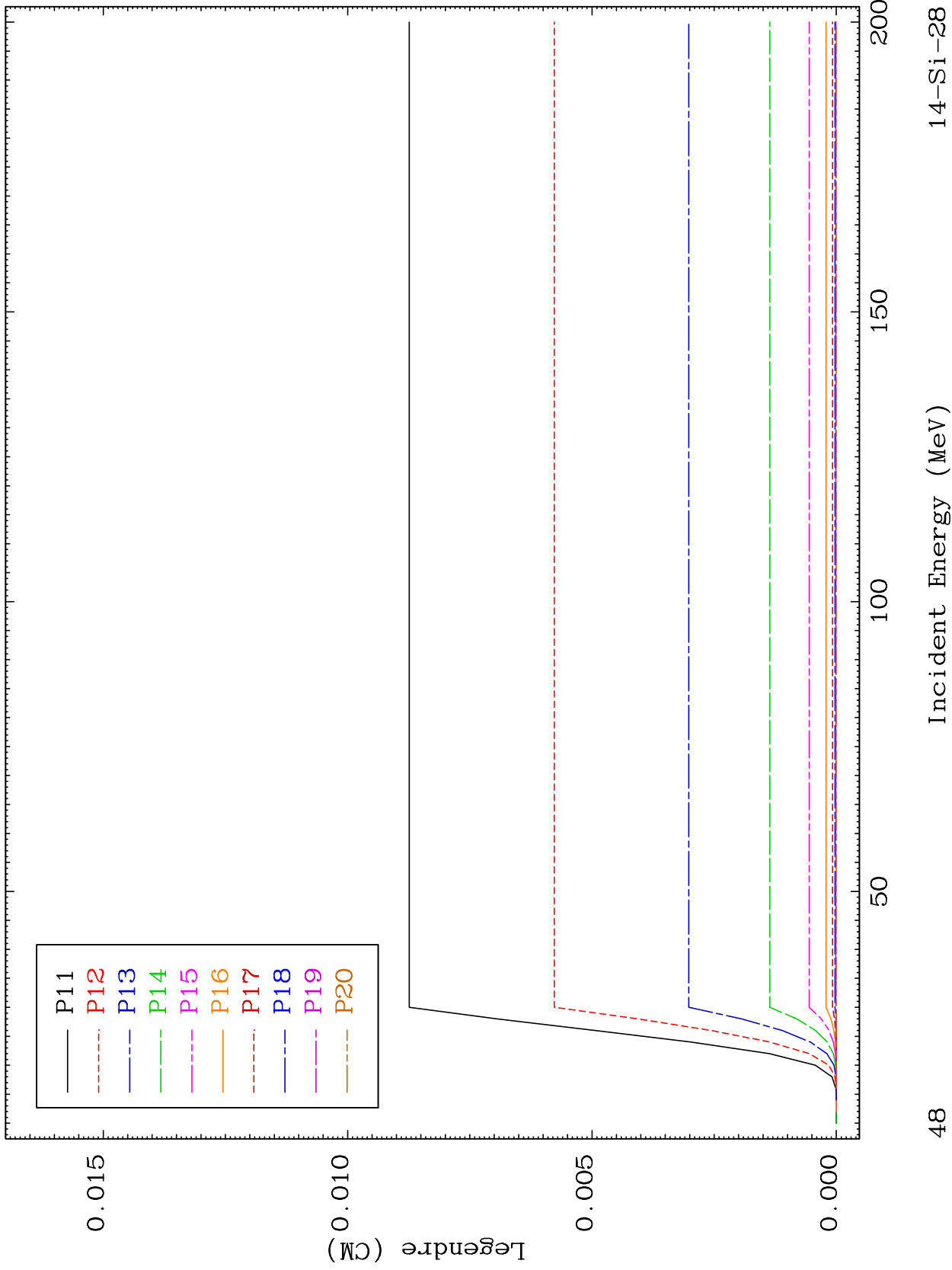
46



MAT 1425

7.933 MeV (n,n') Level
Legendre Coefficients

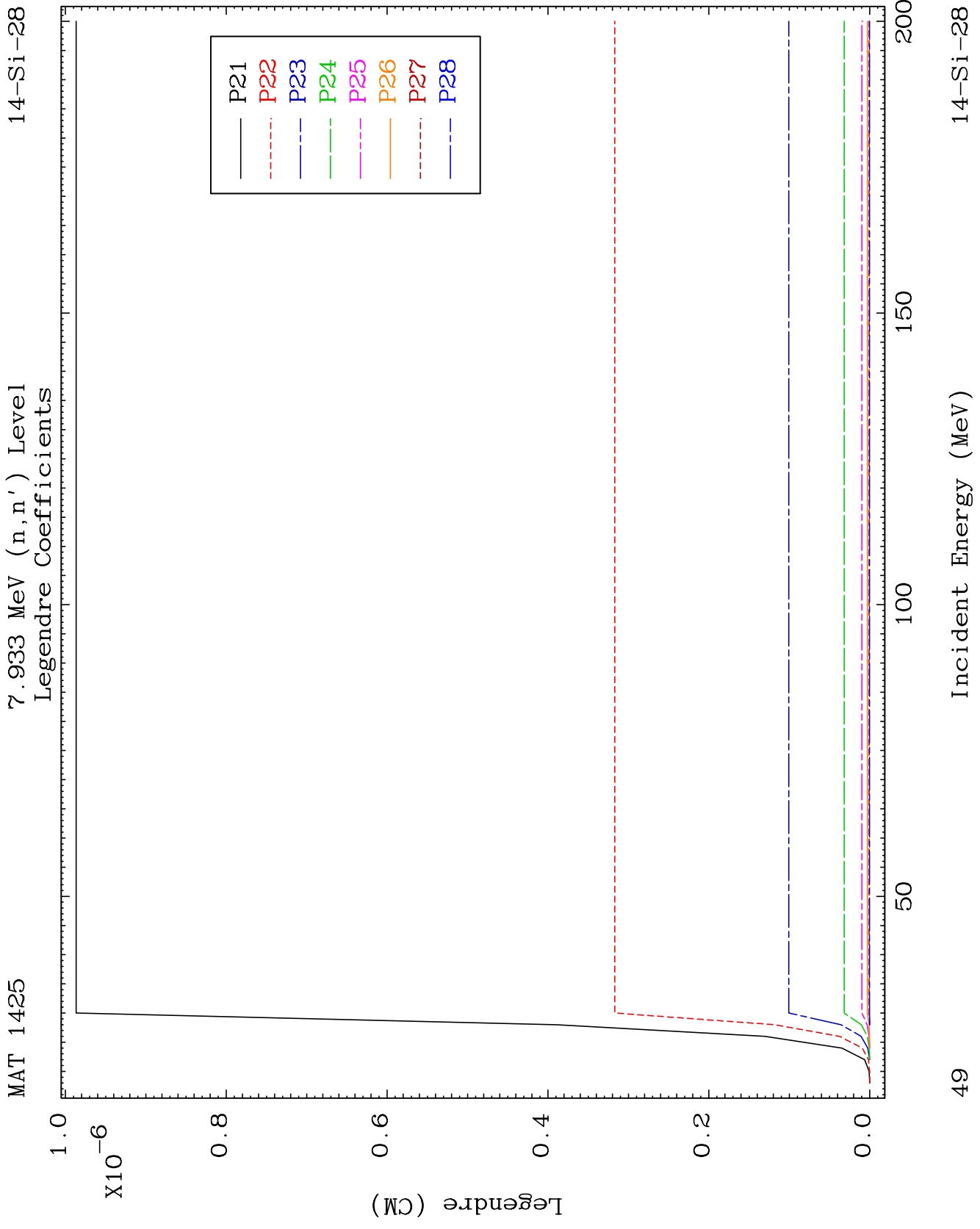
14-Si-28

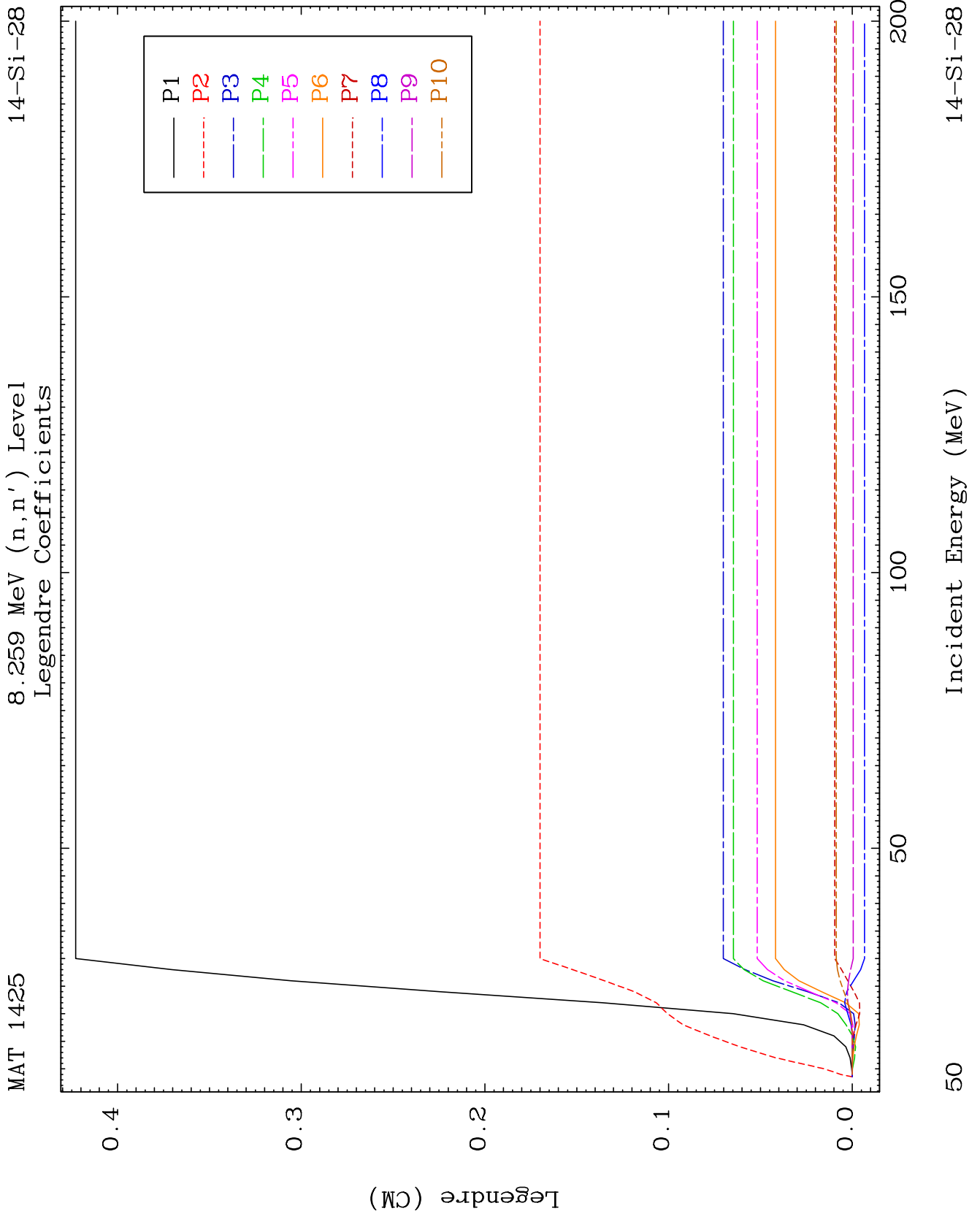


48

Incident Energy (MeV)

14-Si-28

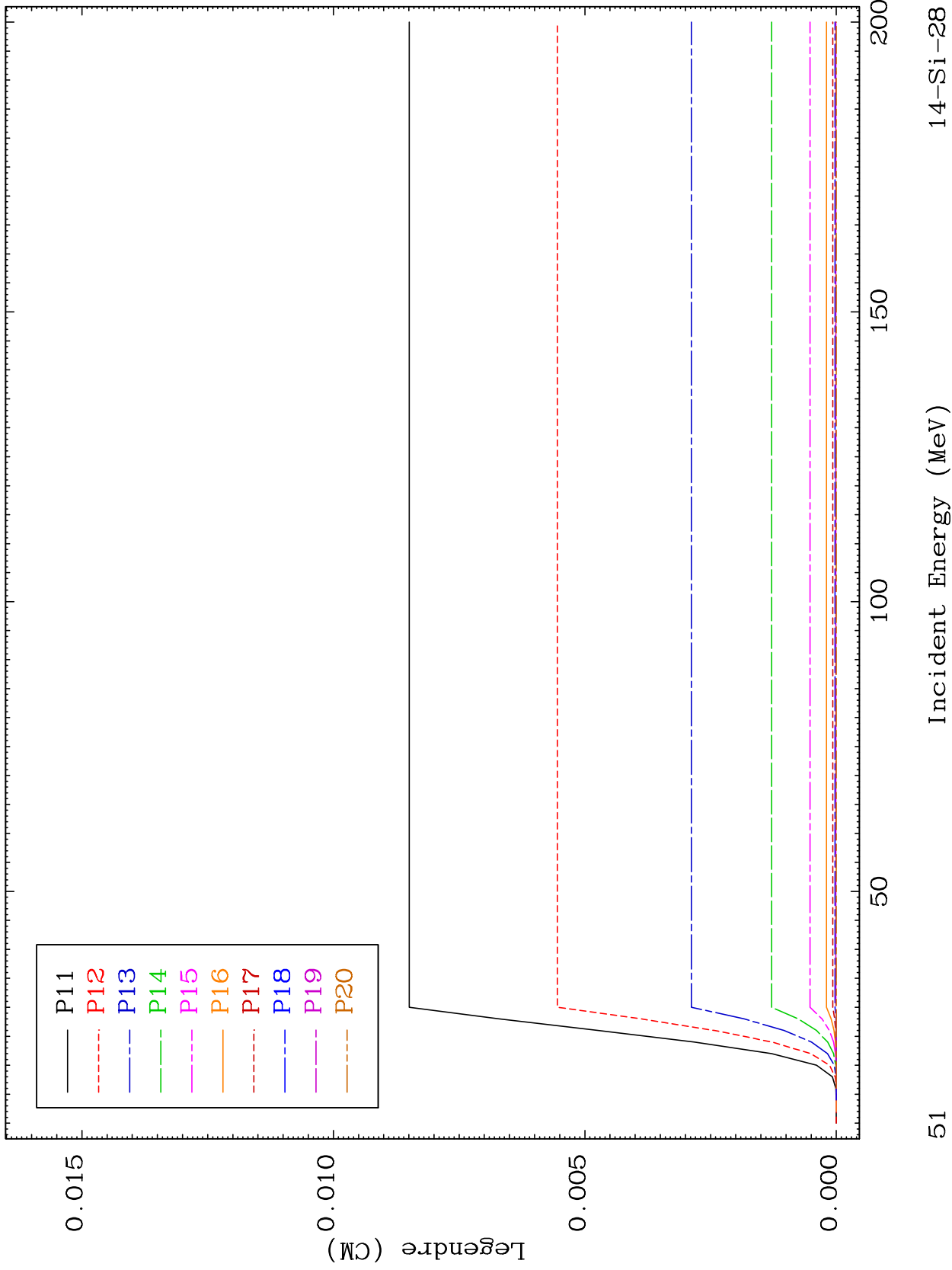




MAT 1425

8.259 MeV (n,n') Level
Legendre Coefficients

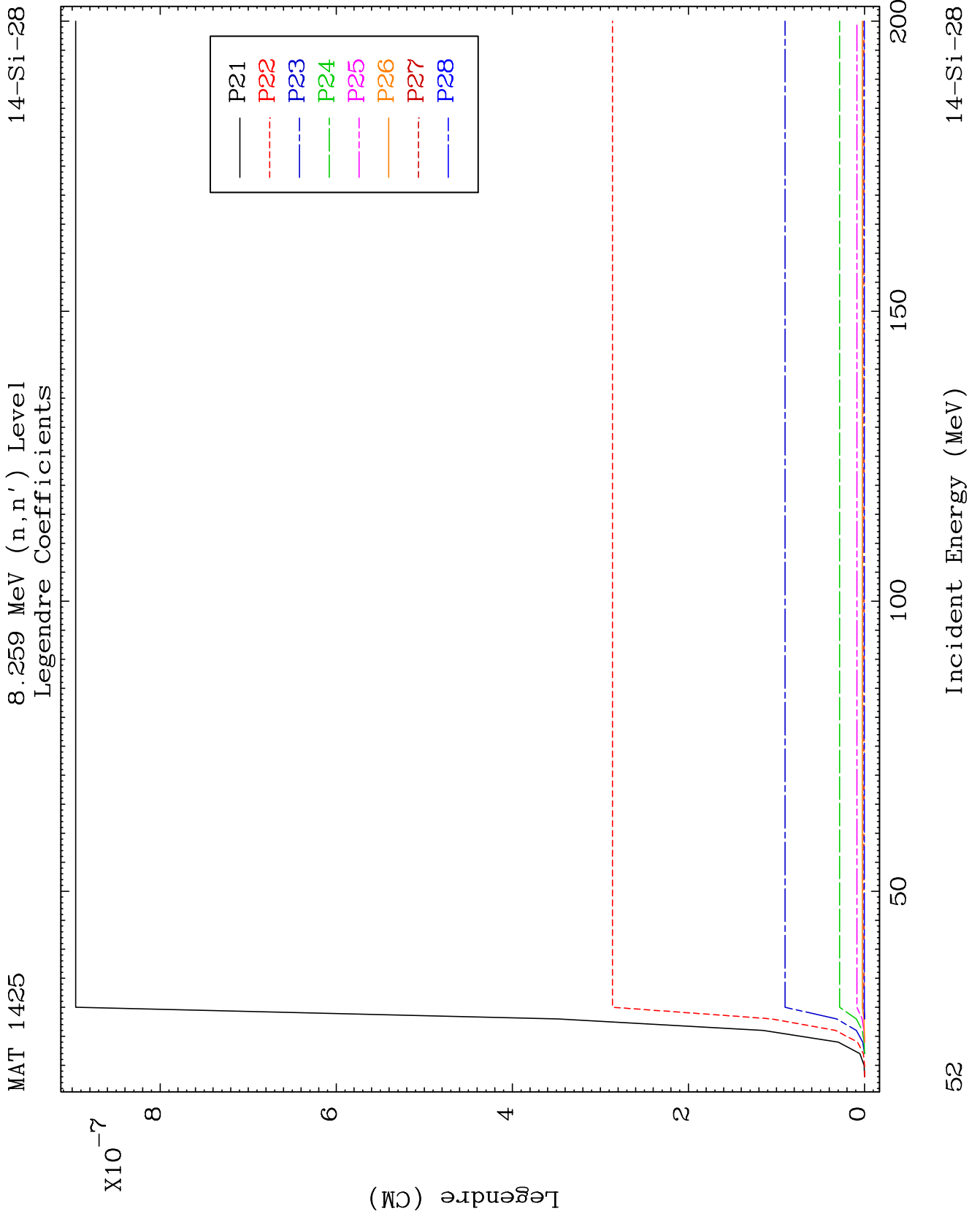
14-Si-28

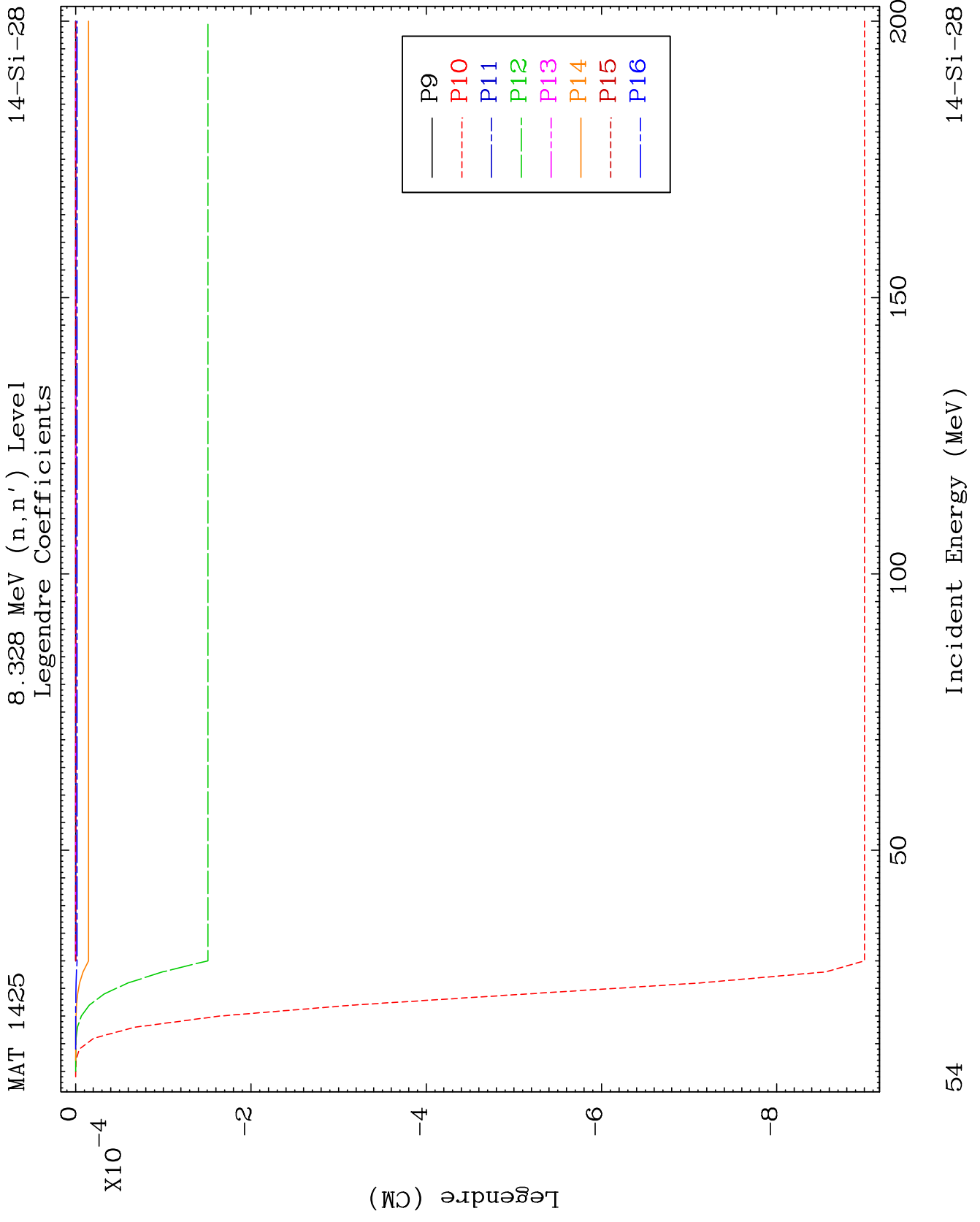


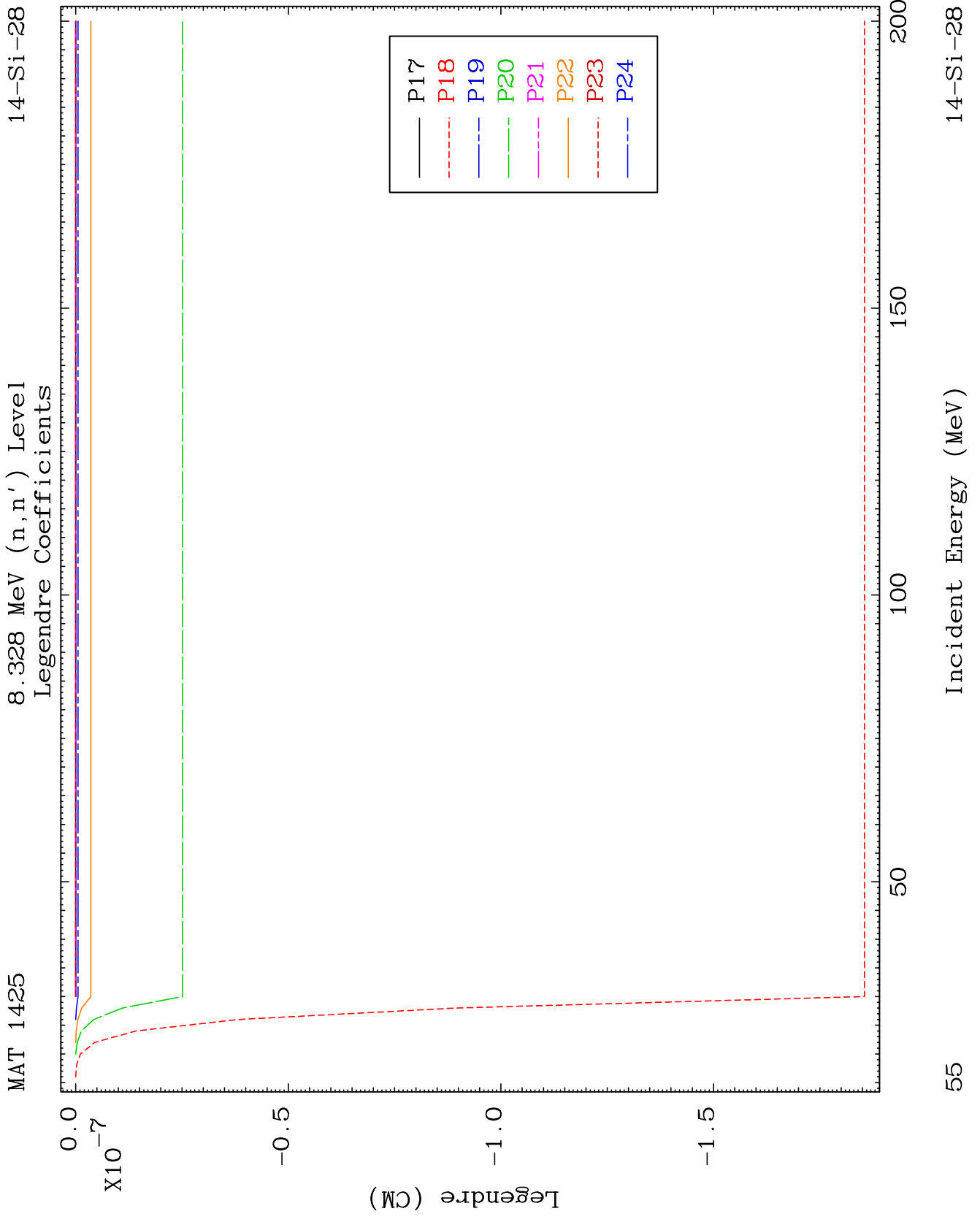
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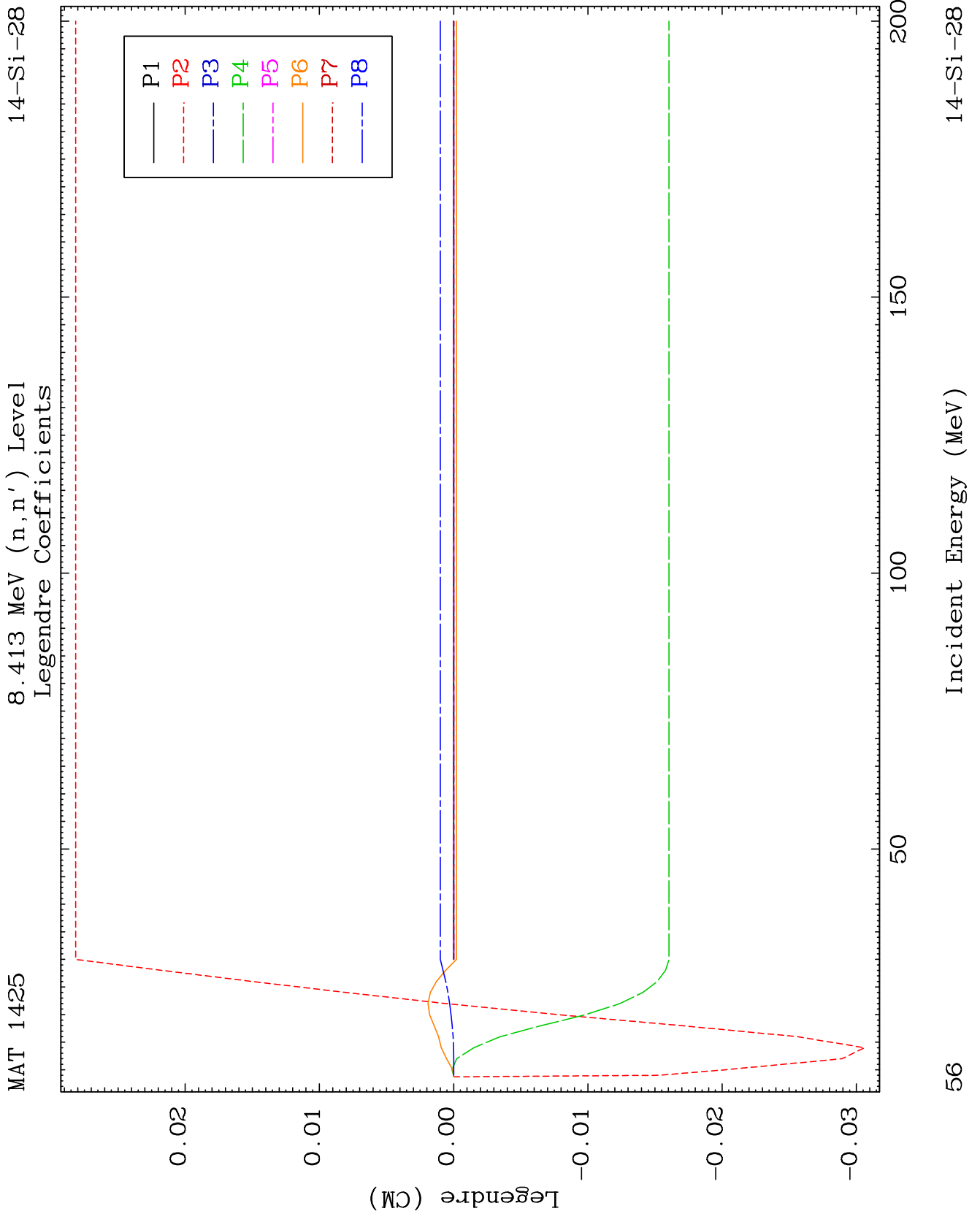
Incident Energy (MeV)

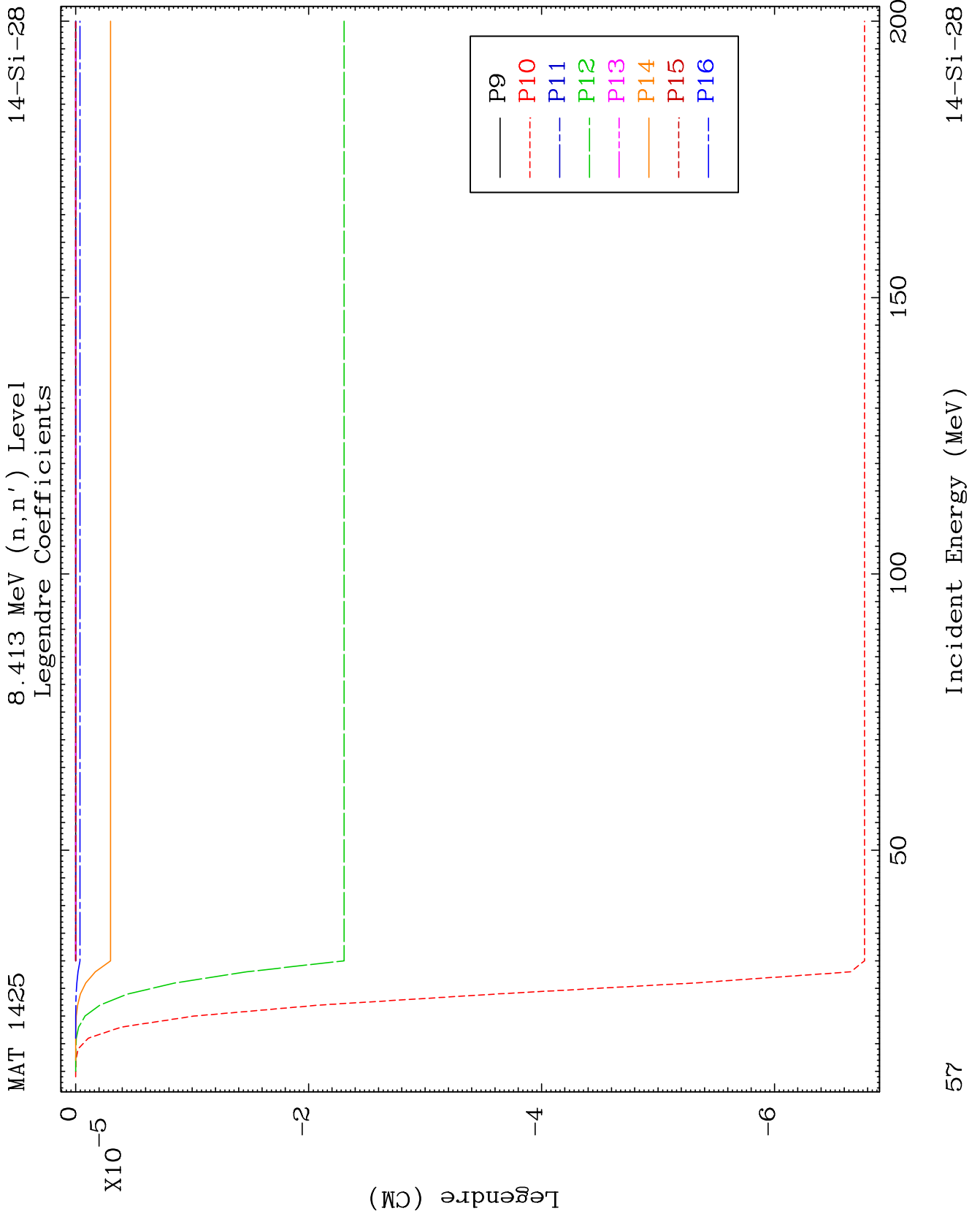
14-Si-28

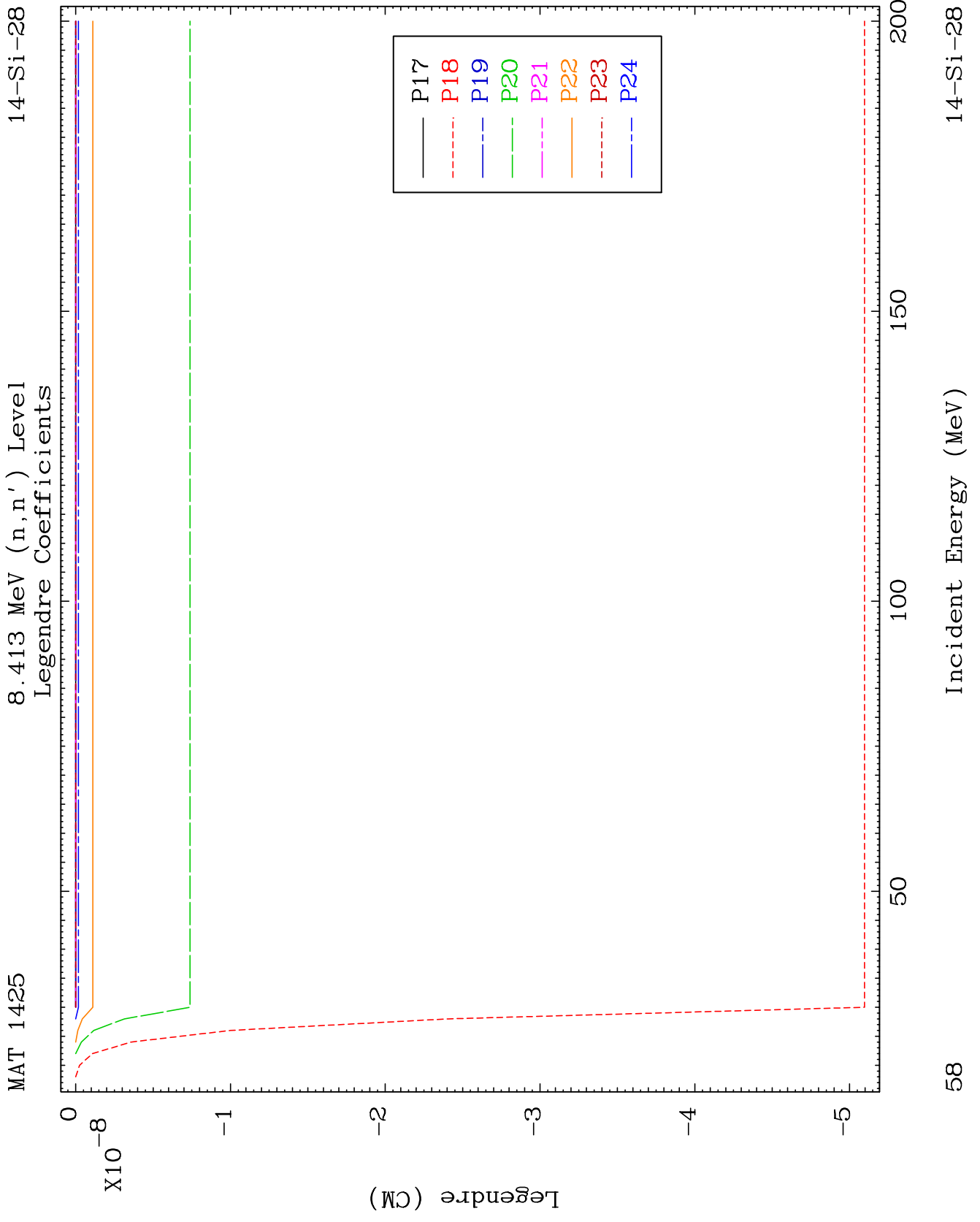


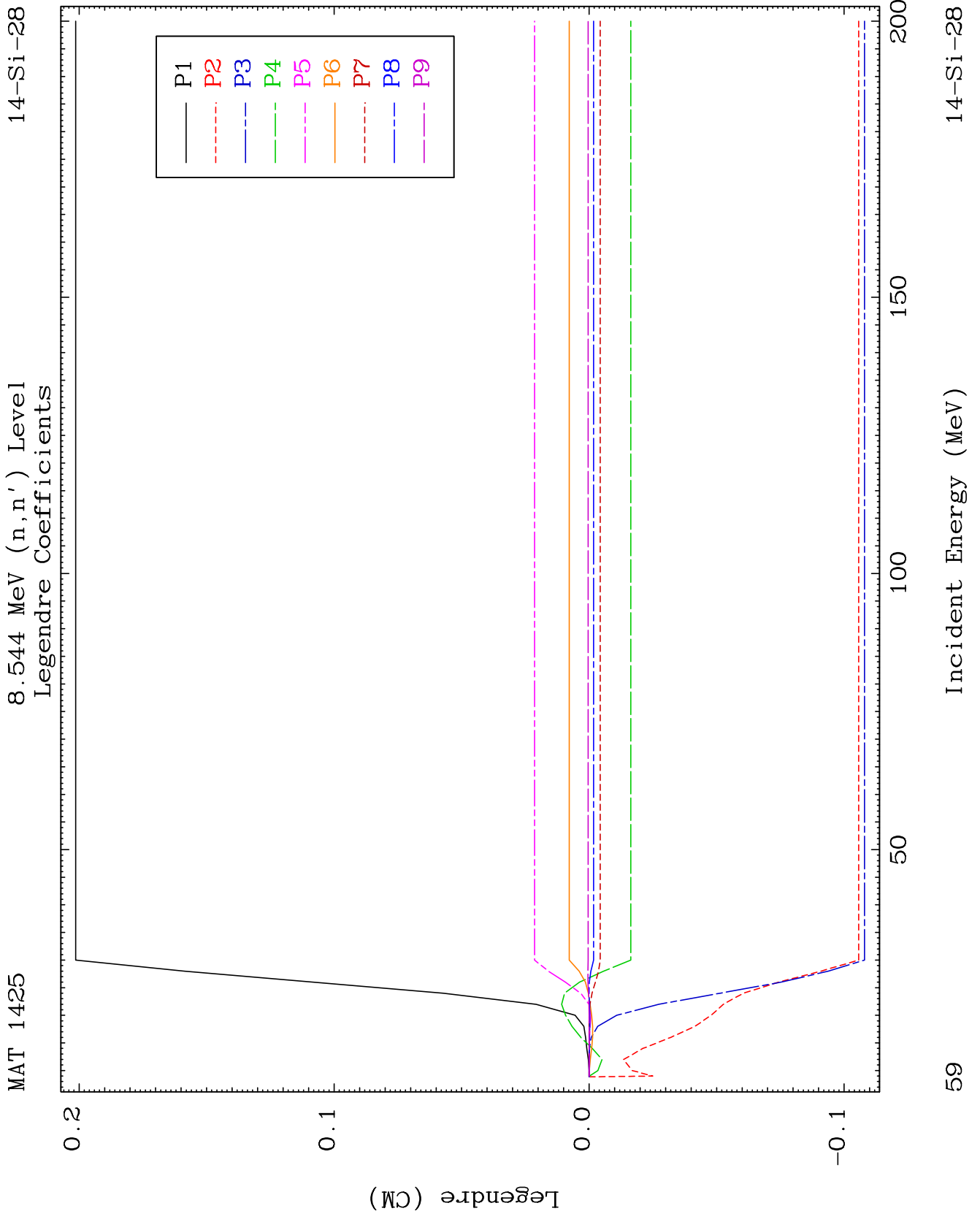


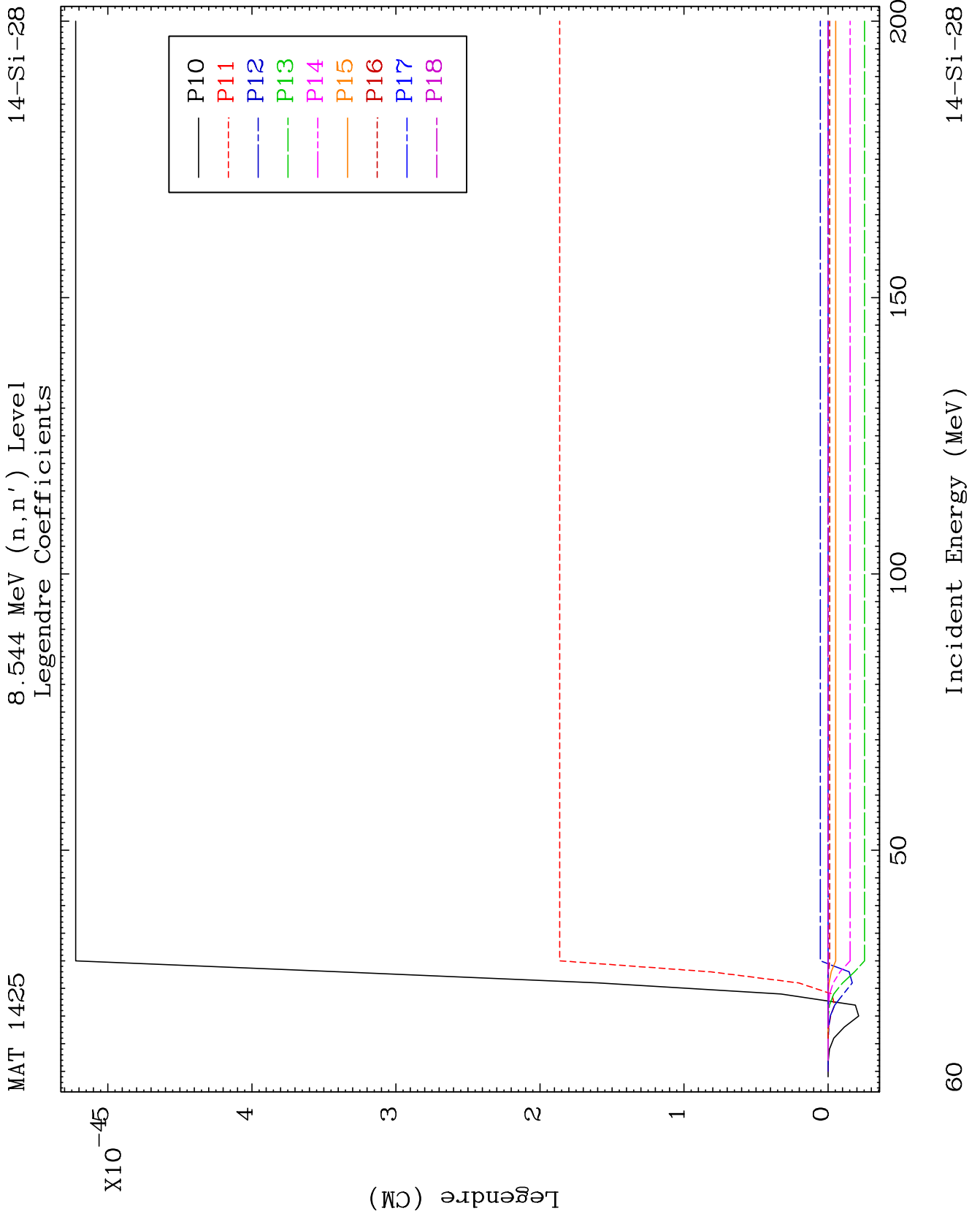


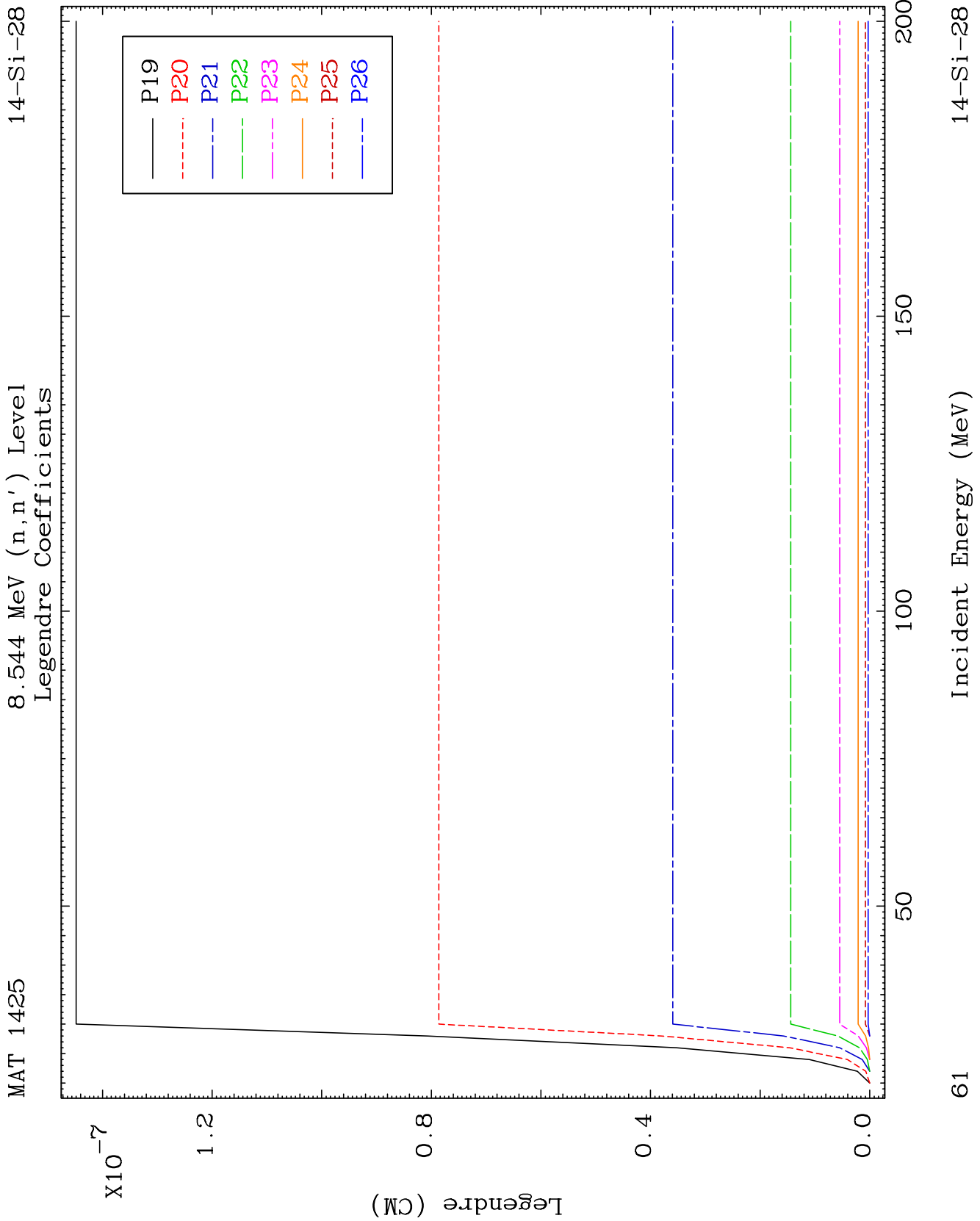


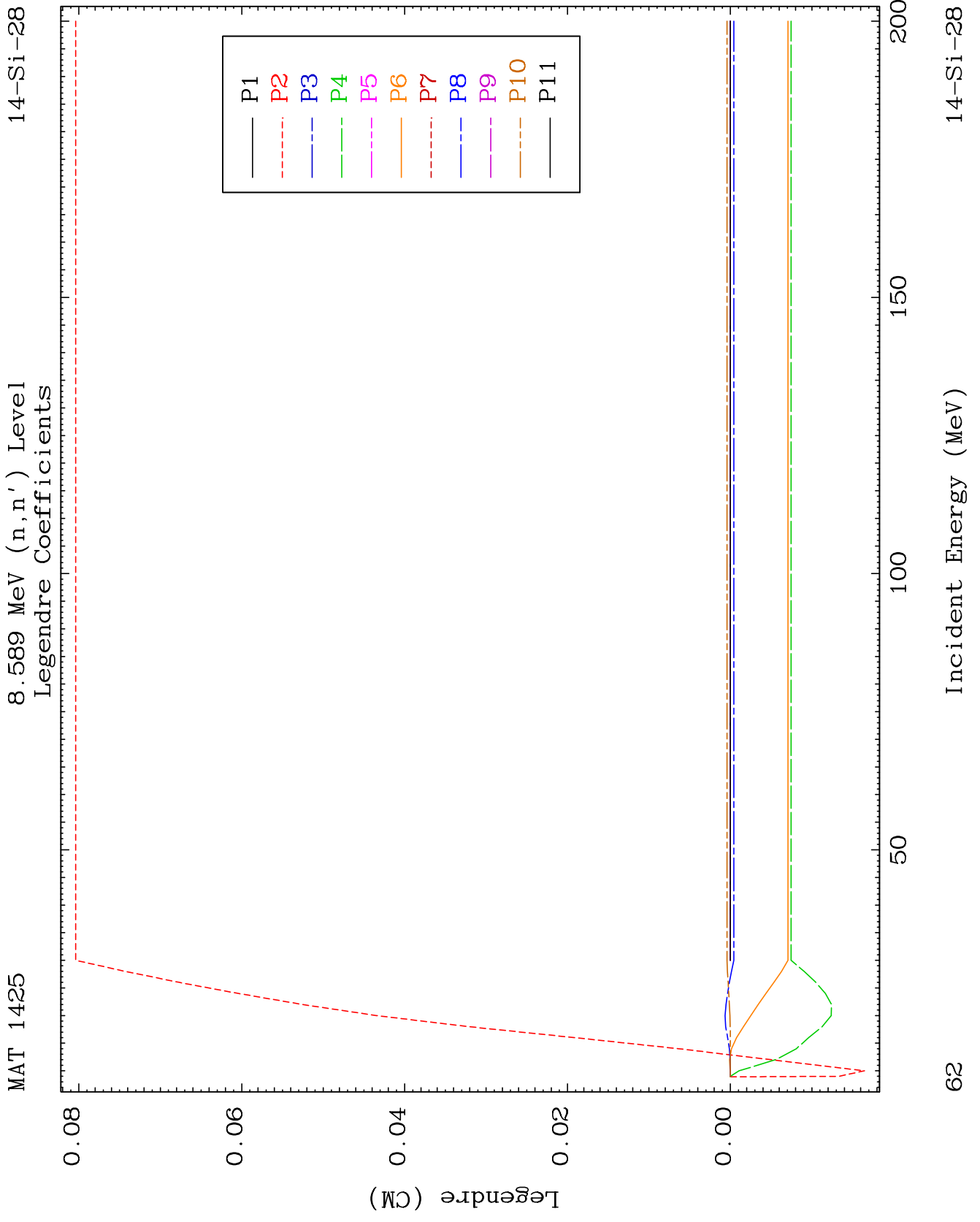


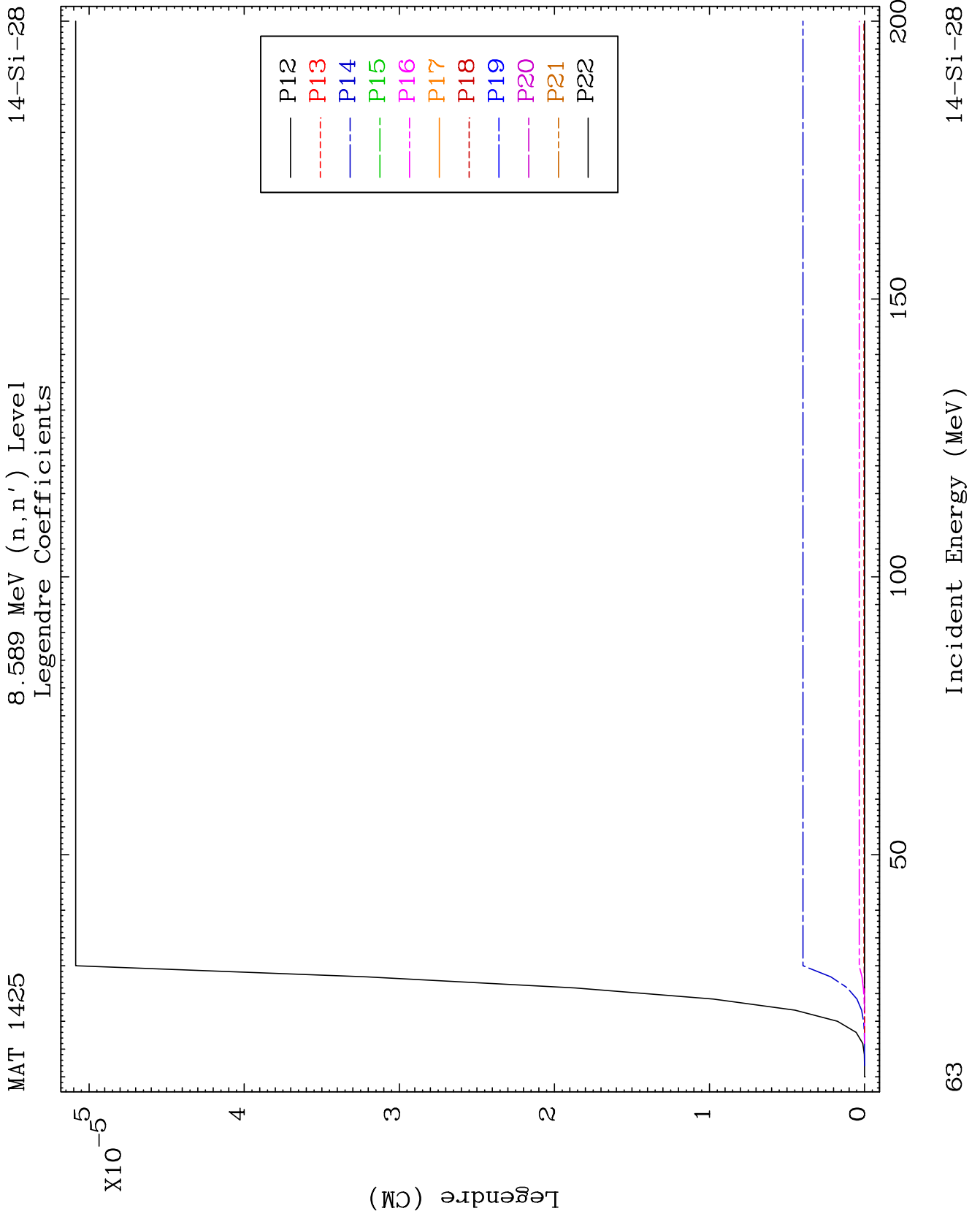


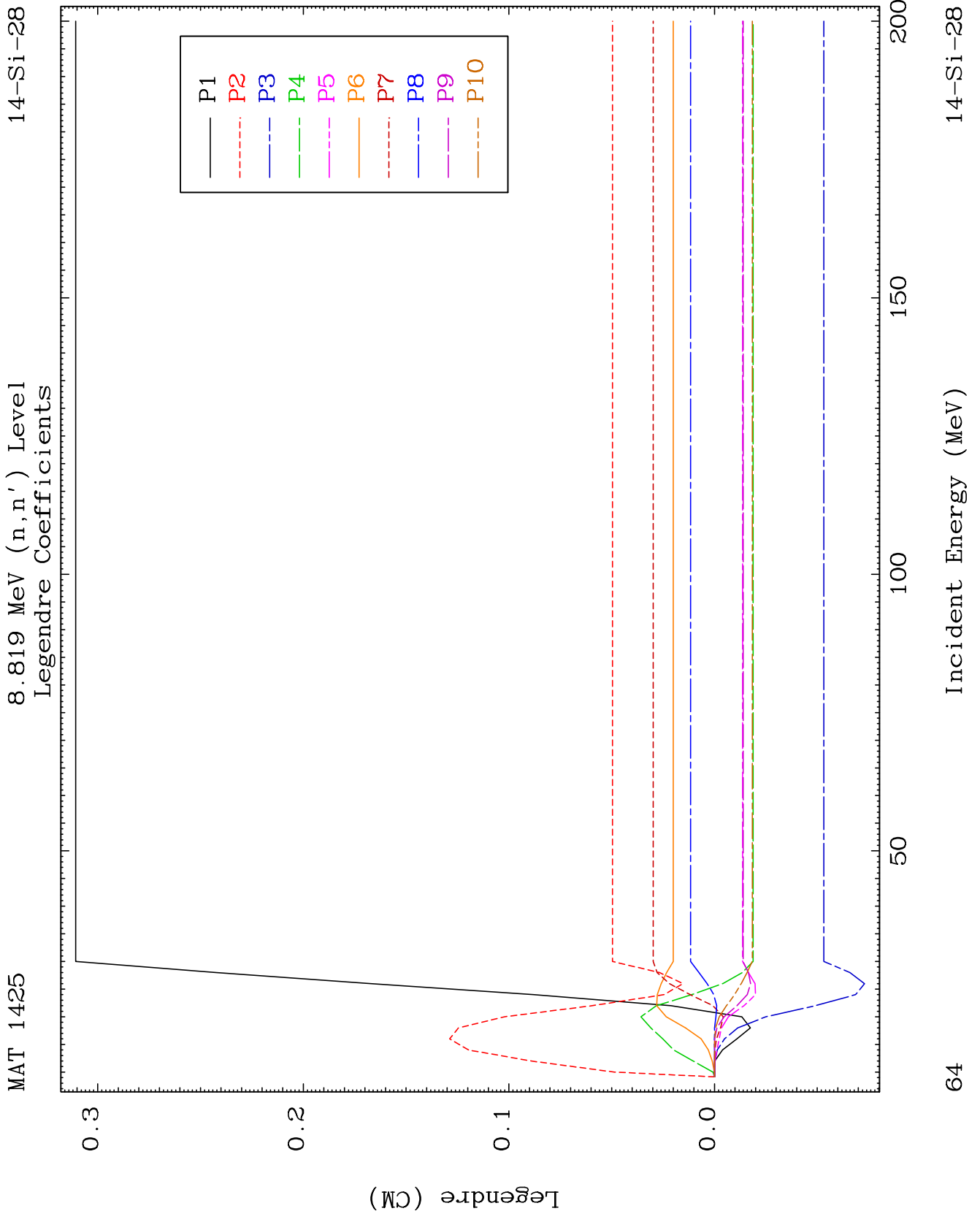


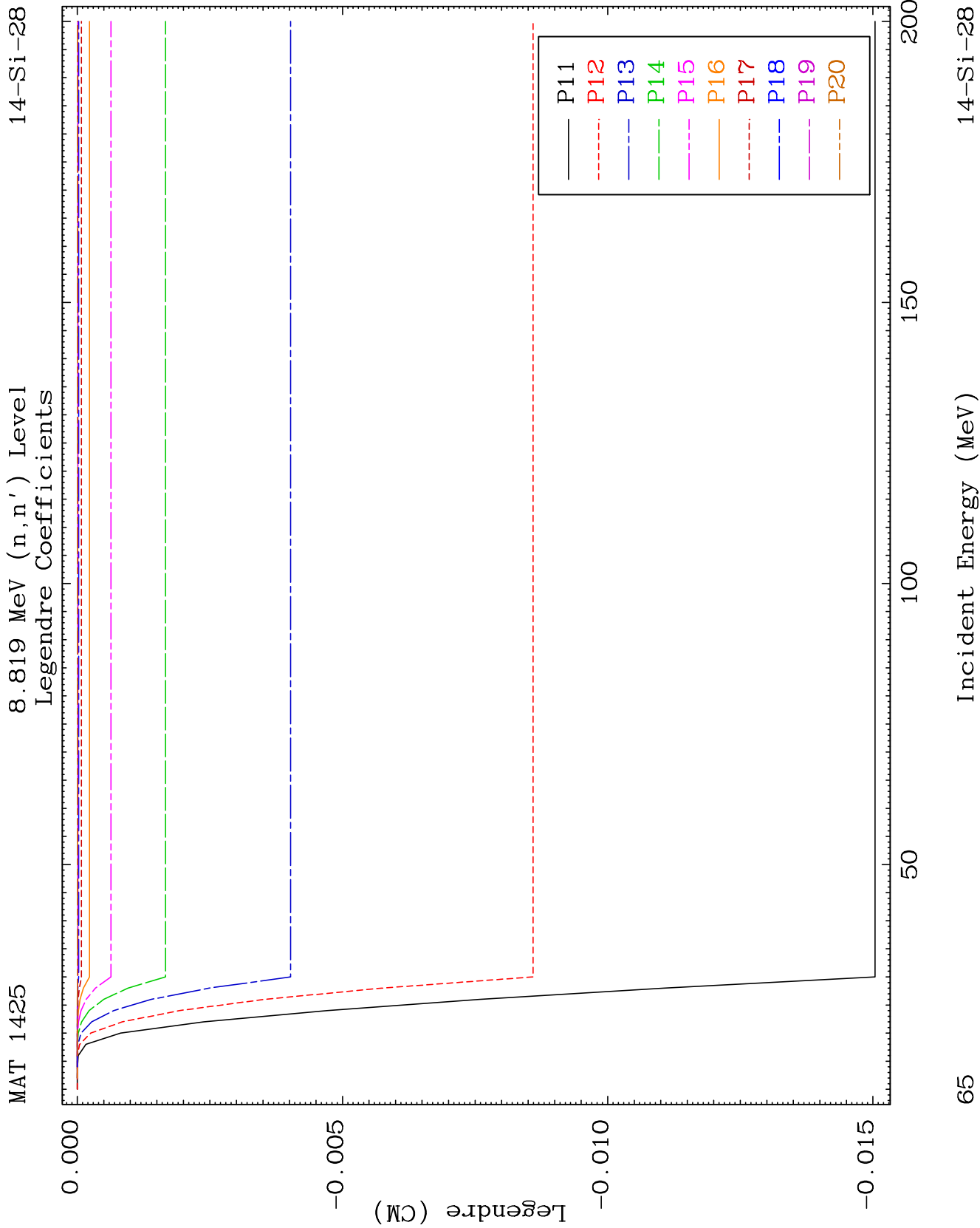


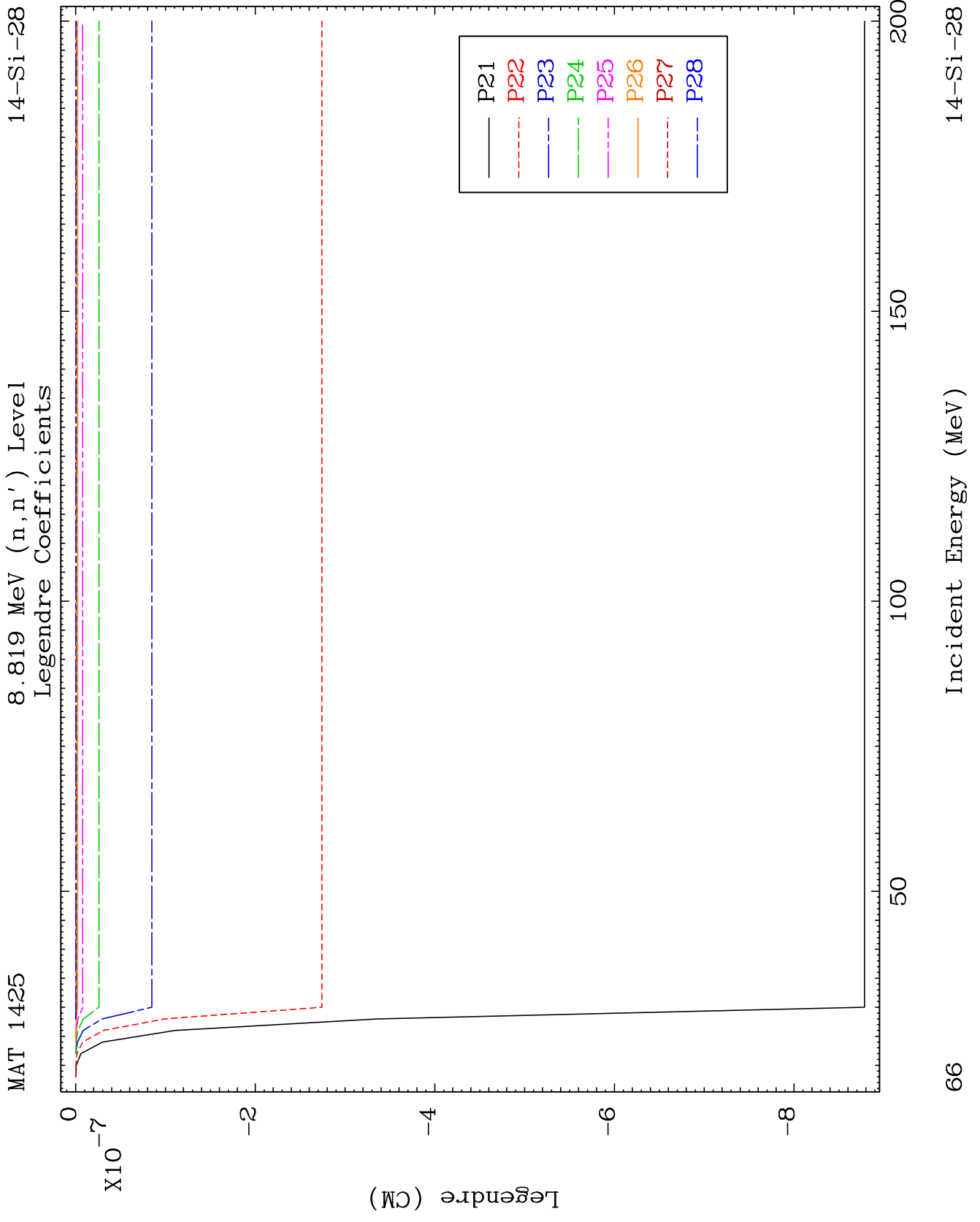


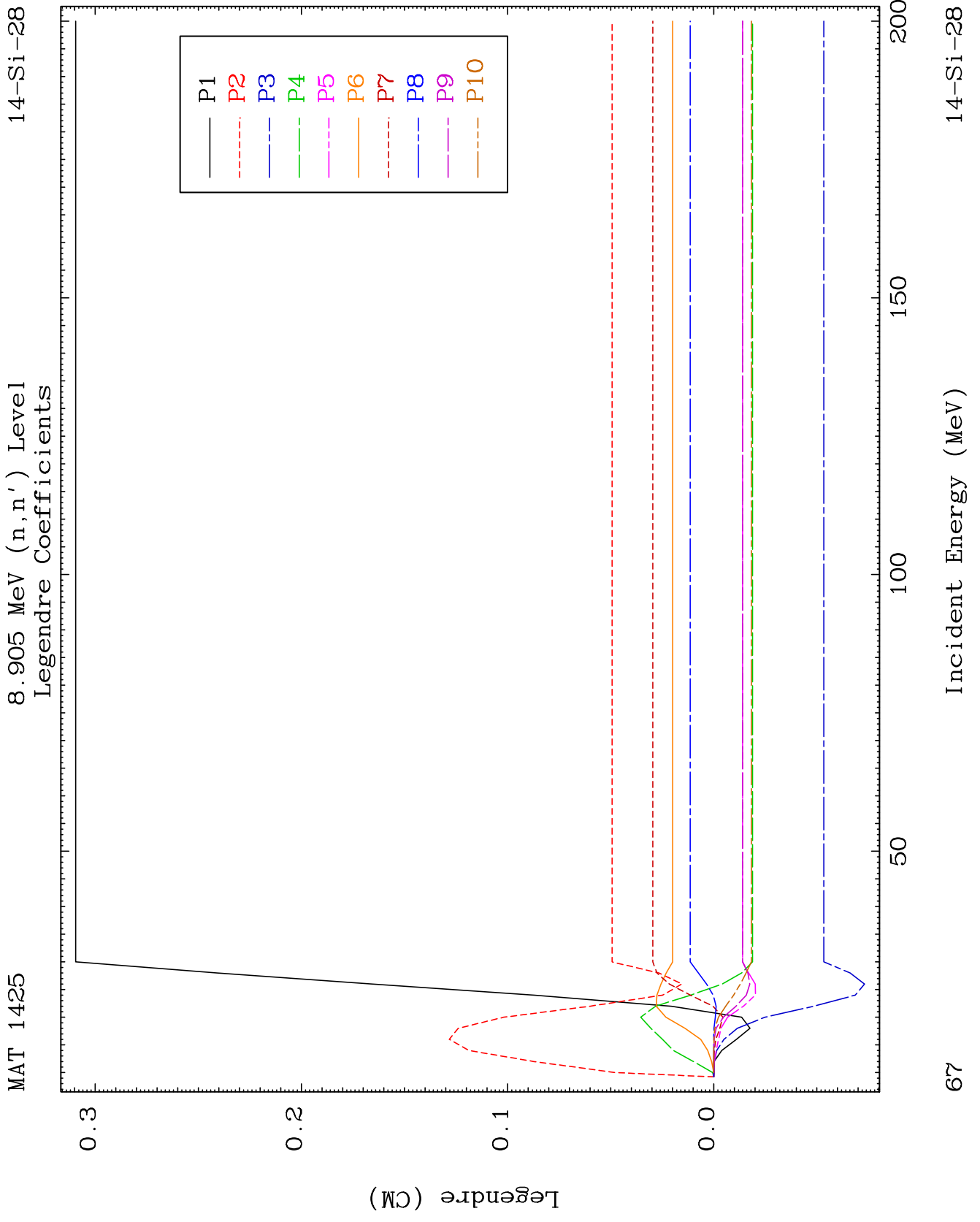


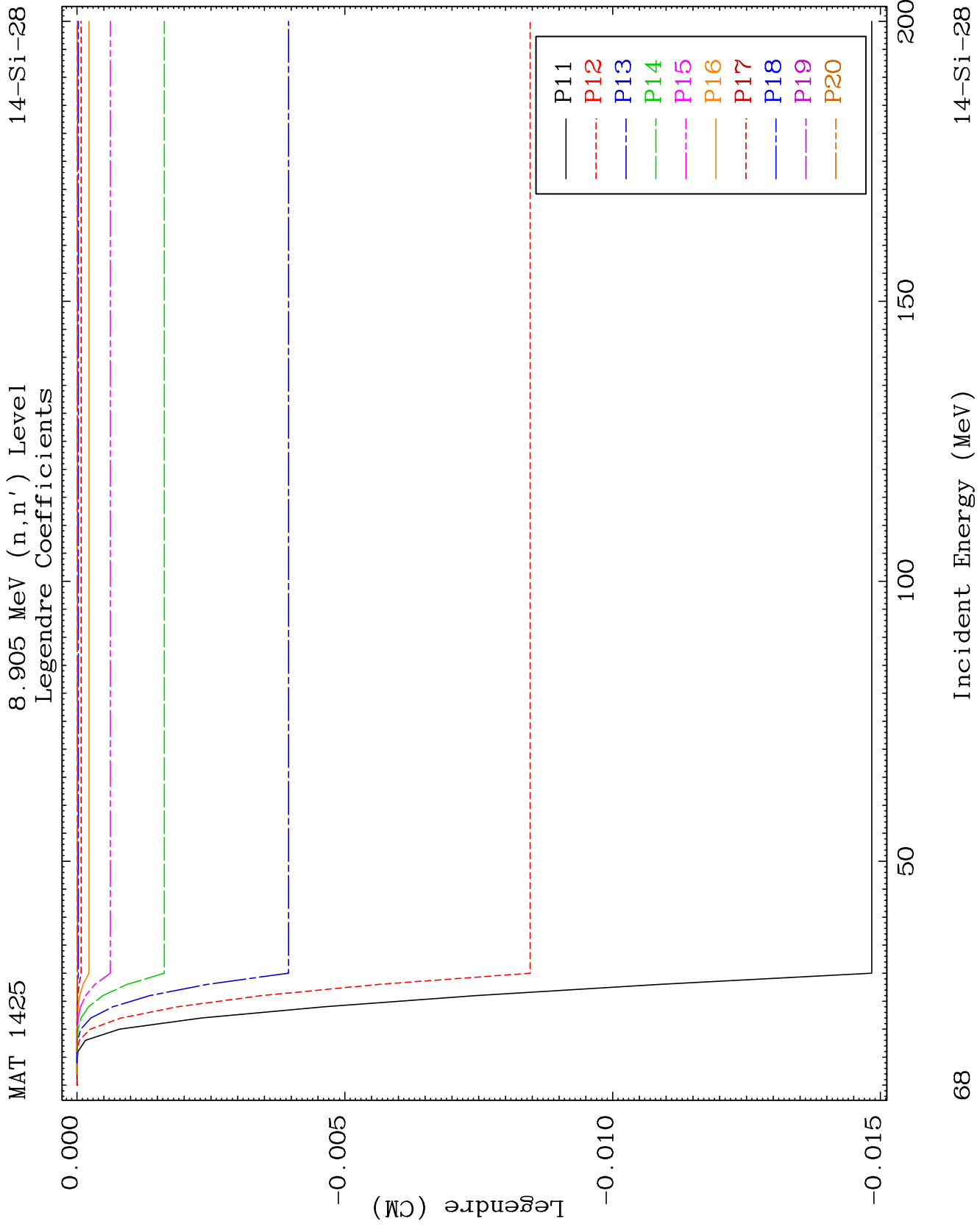


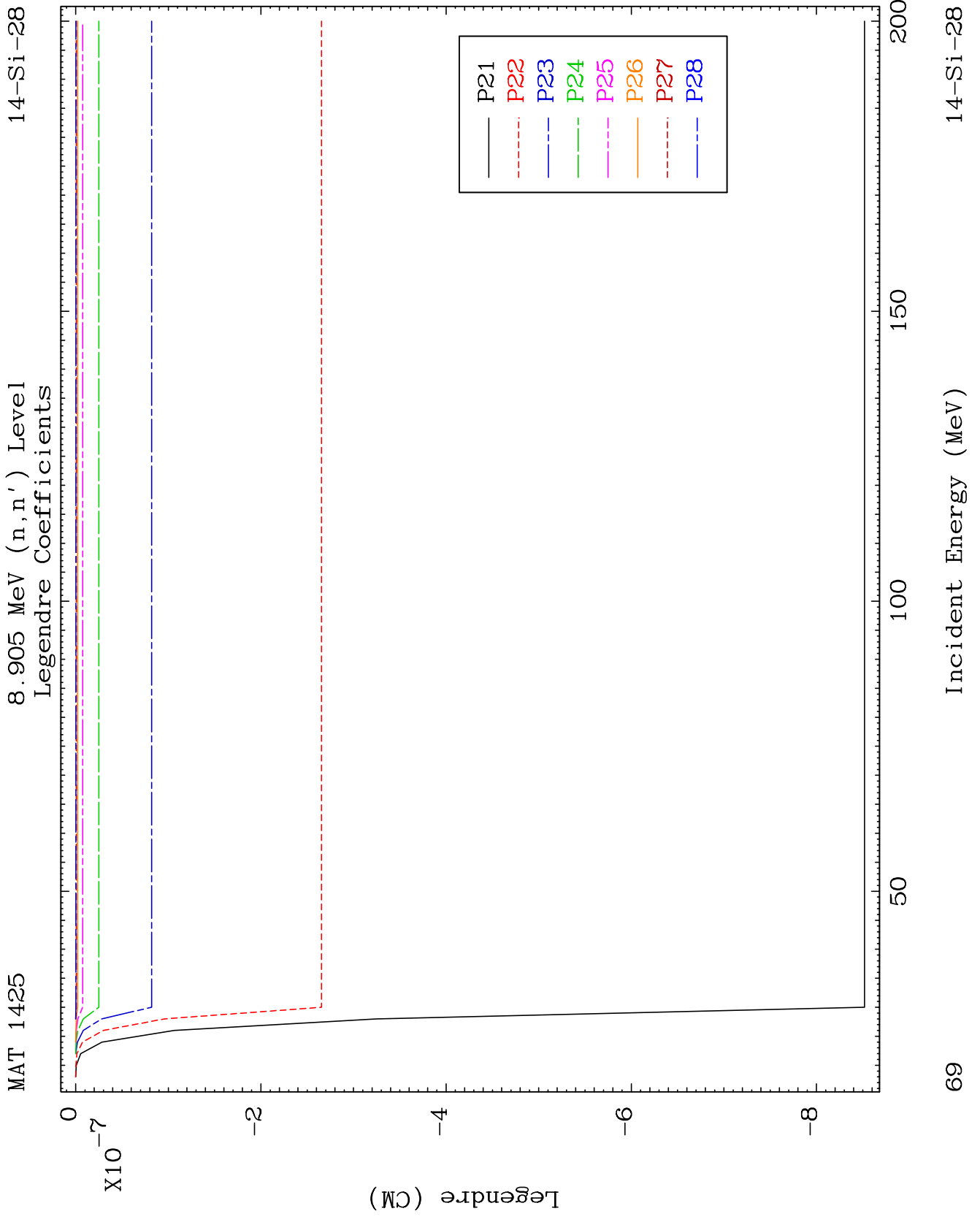


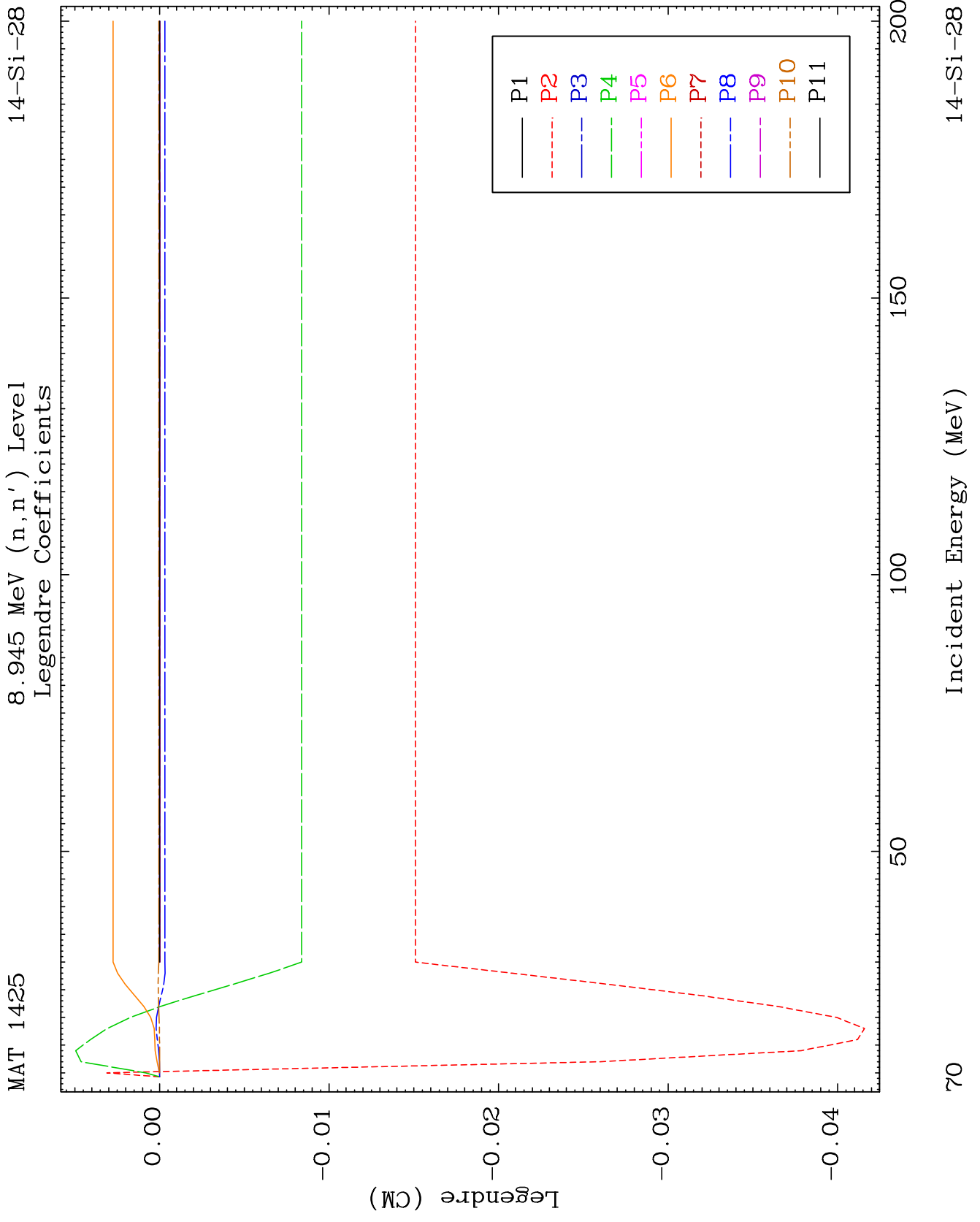


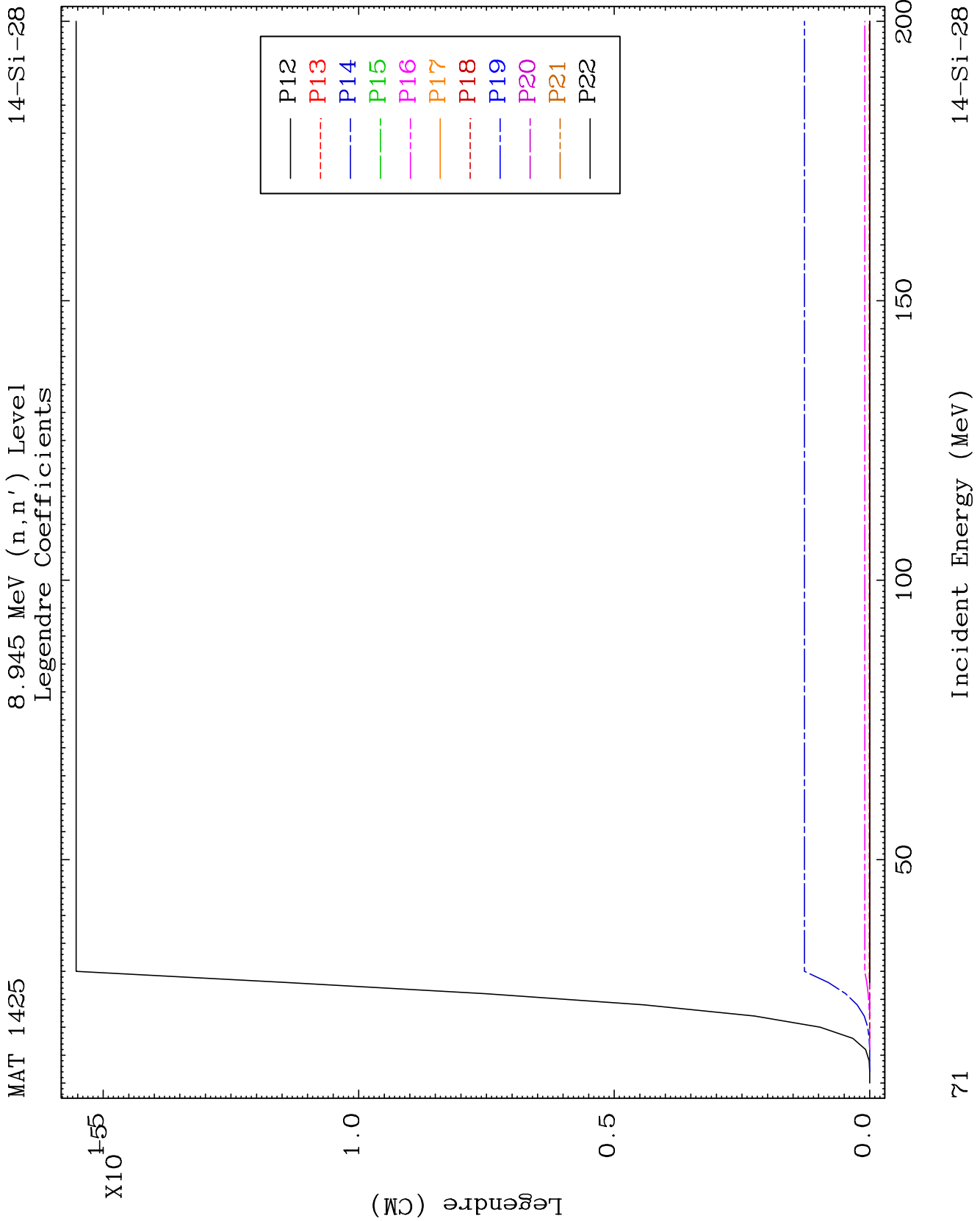


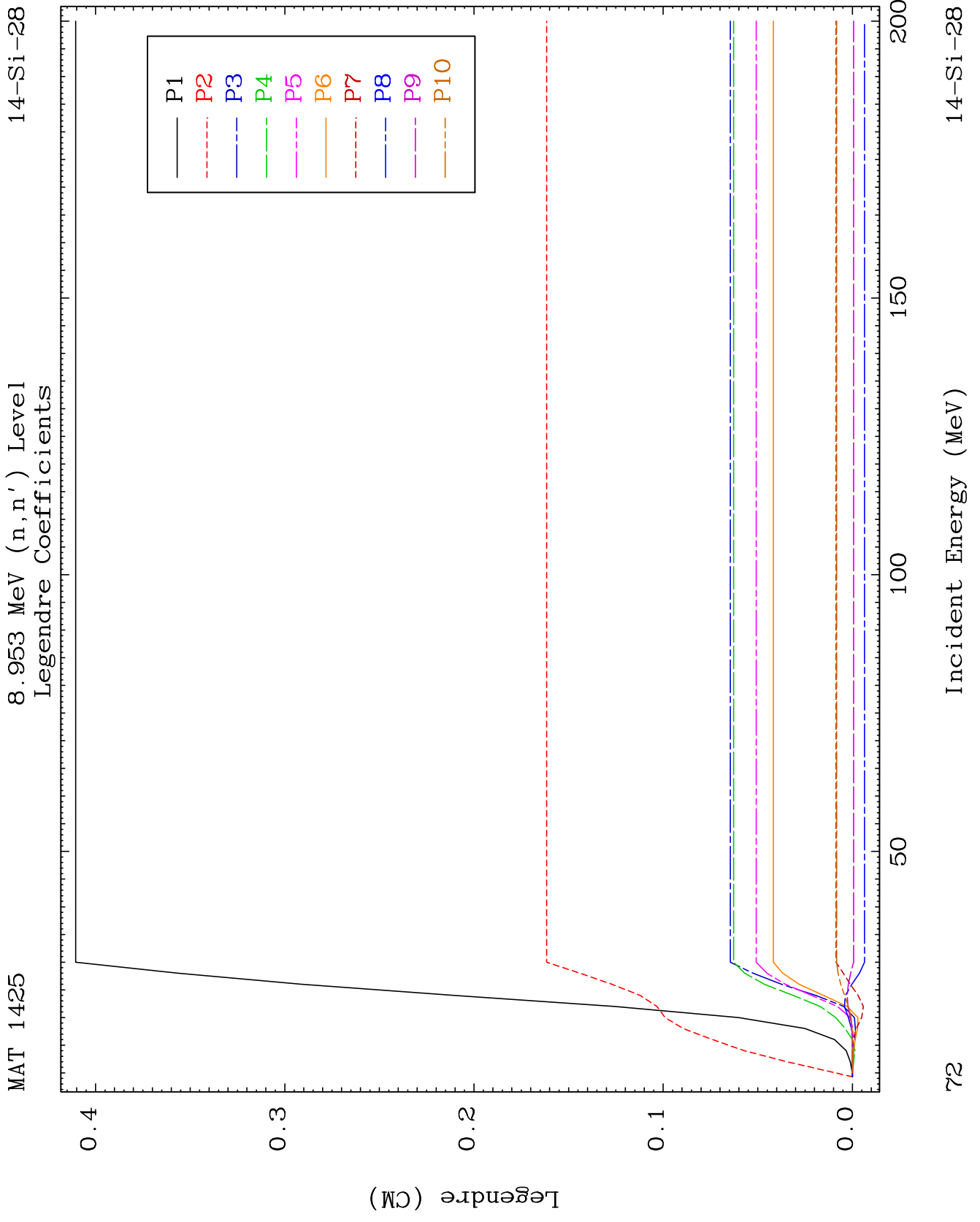


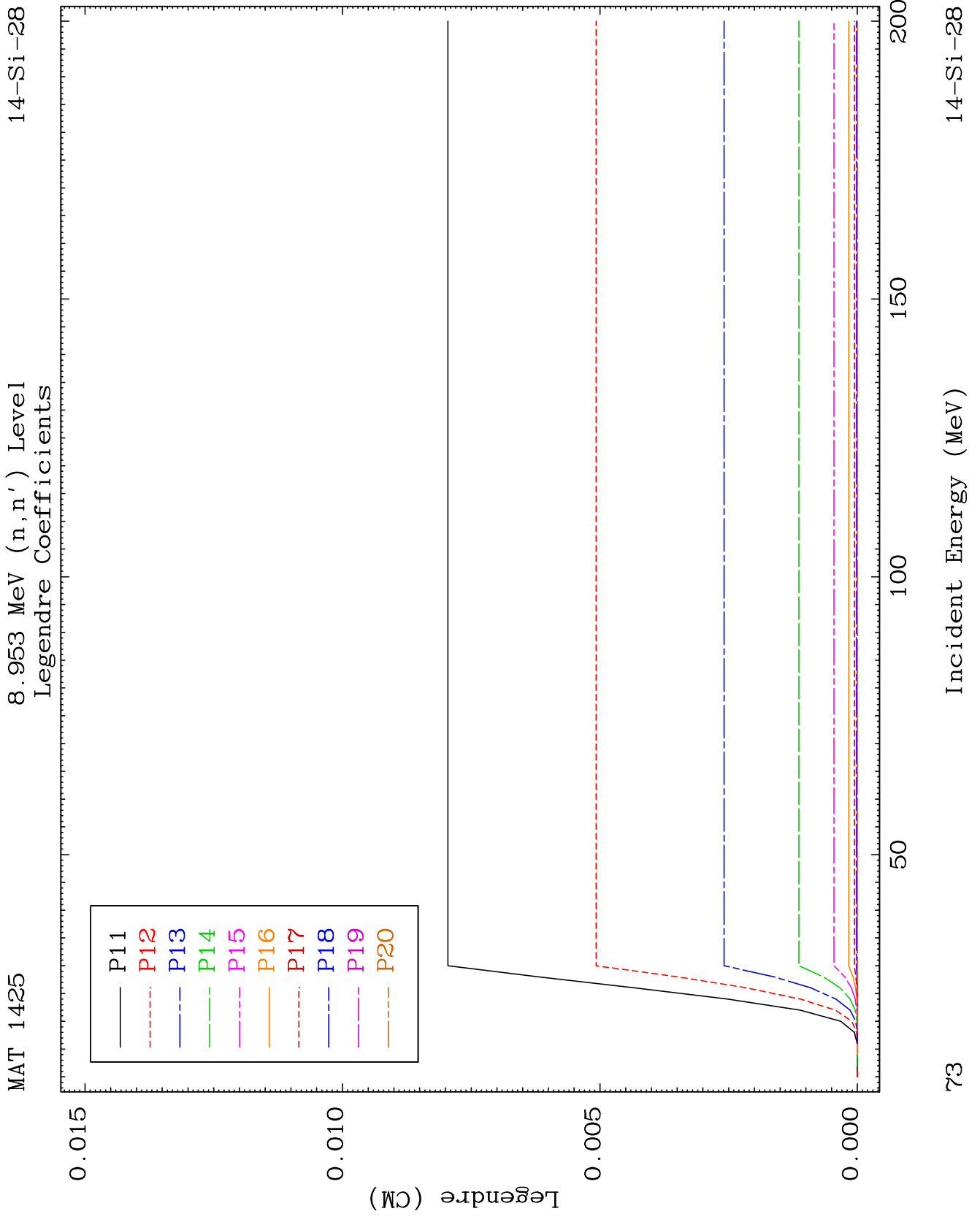


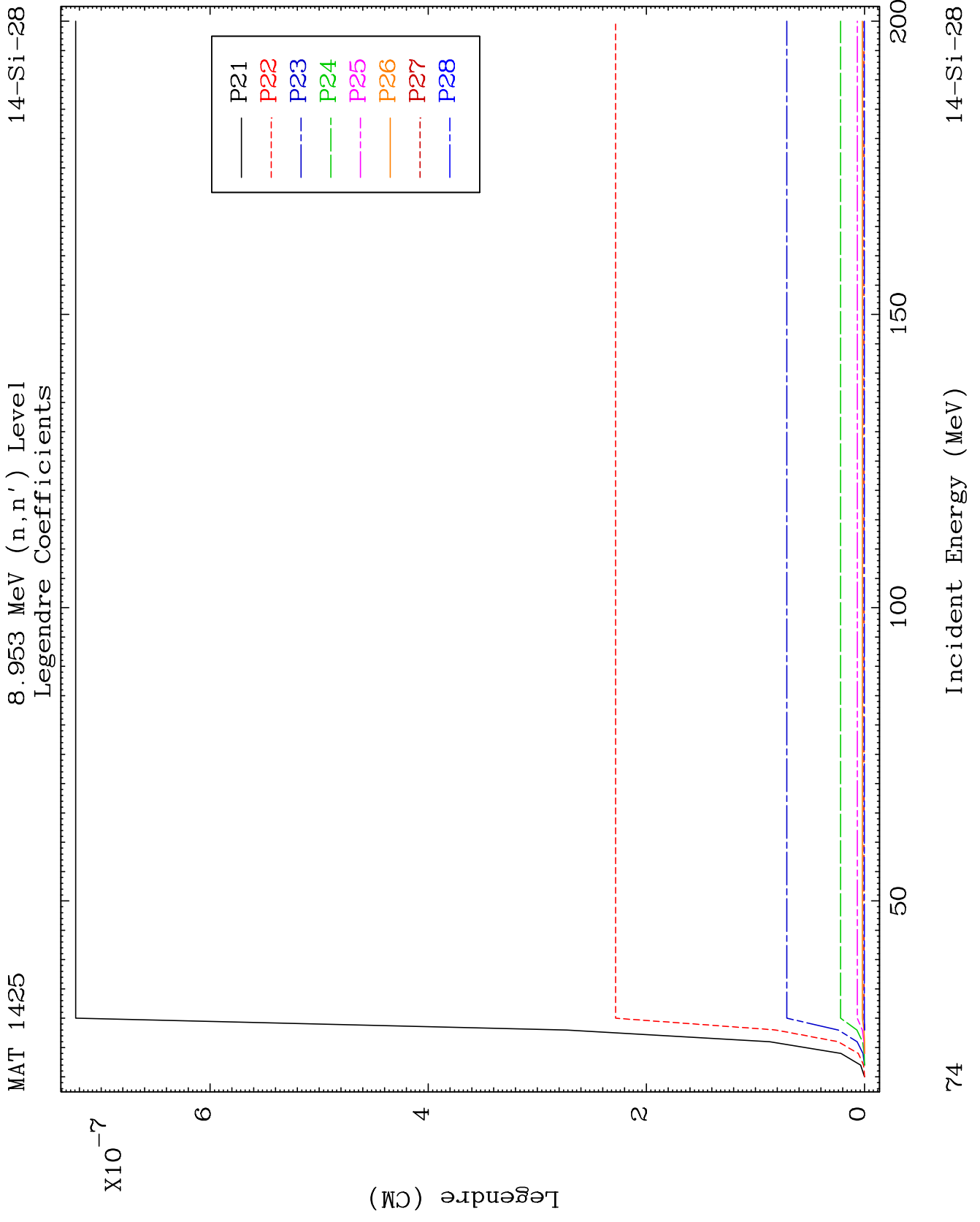


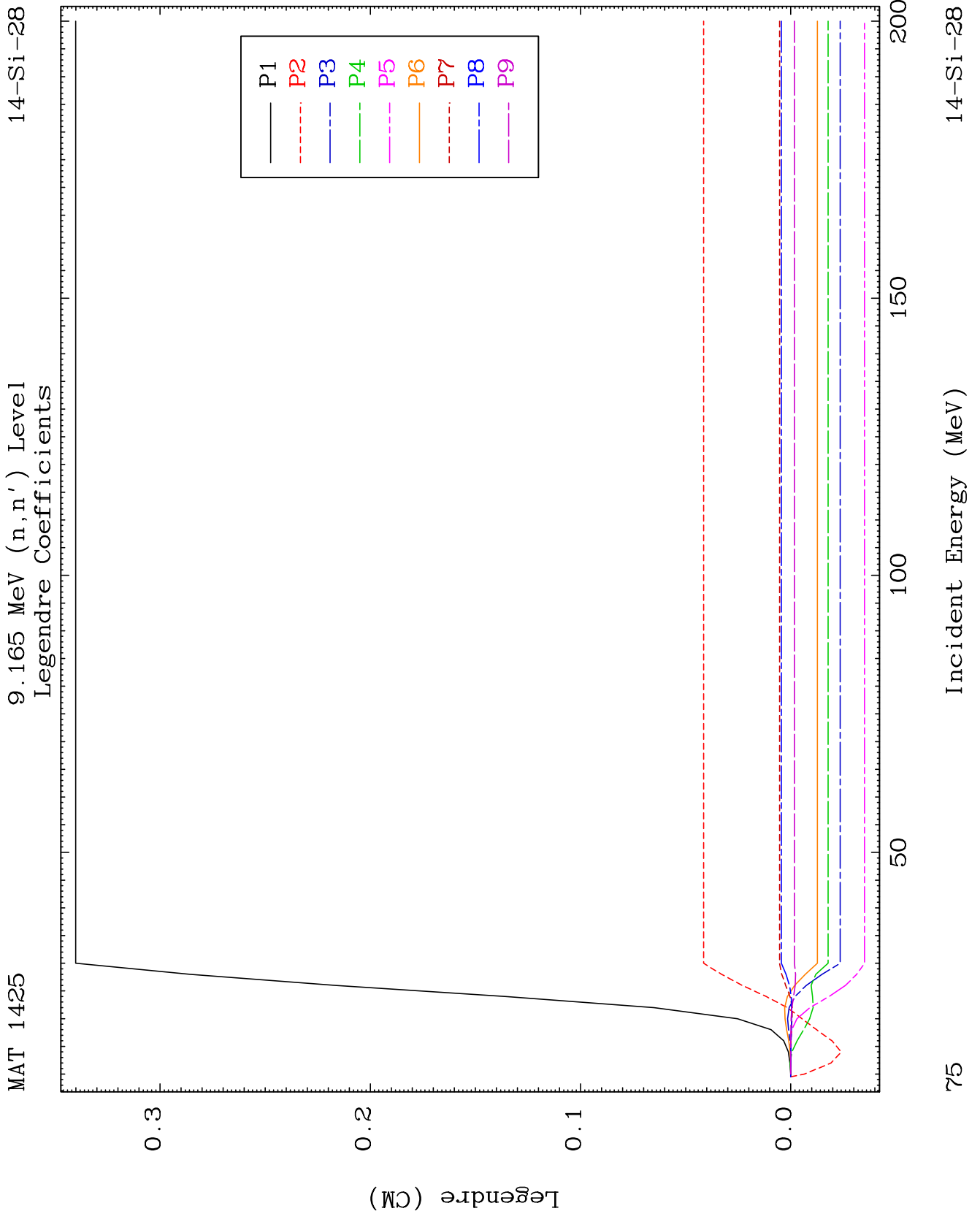


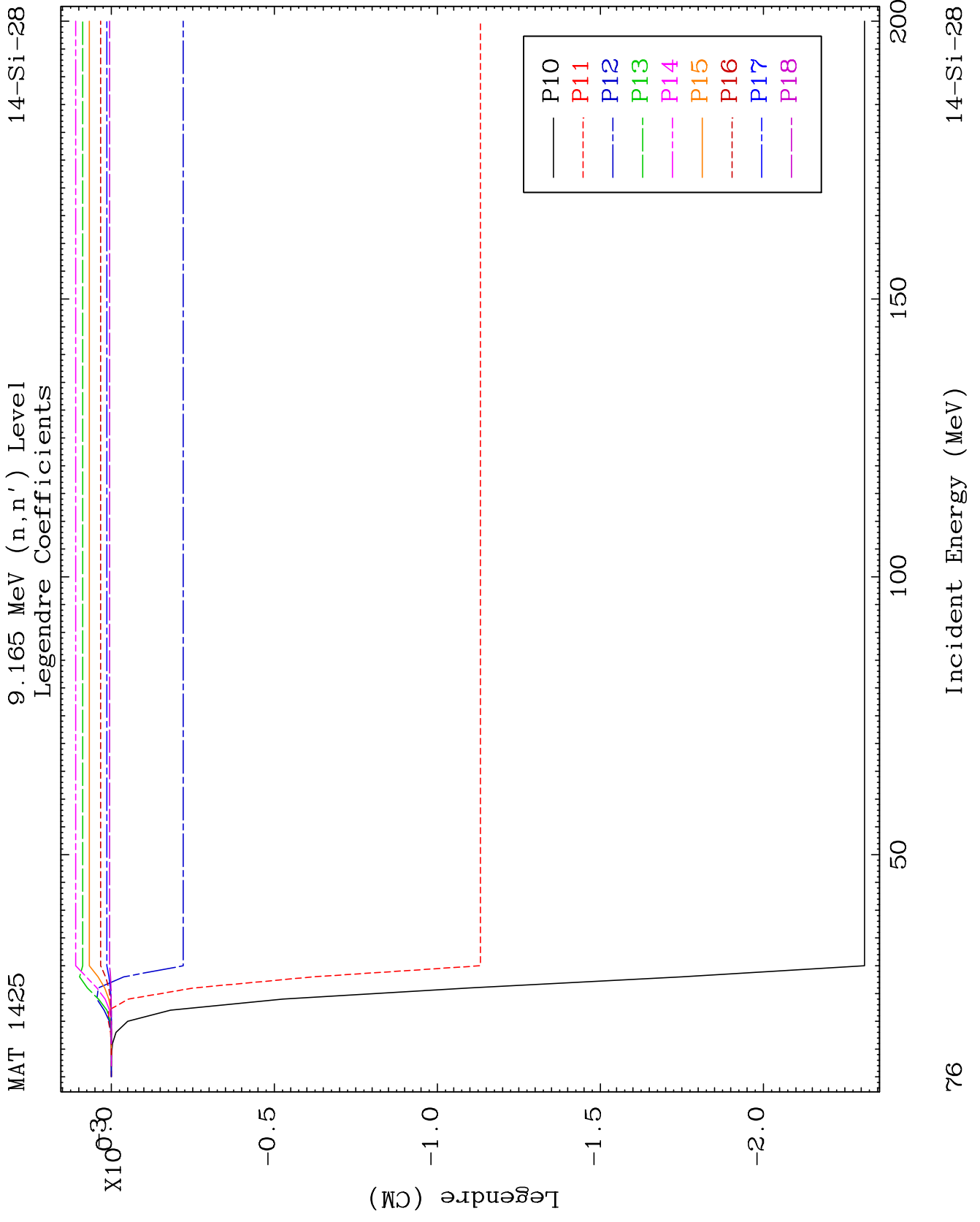


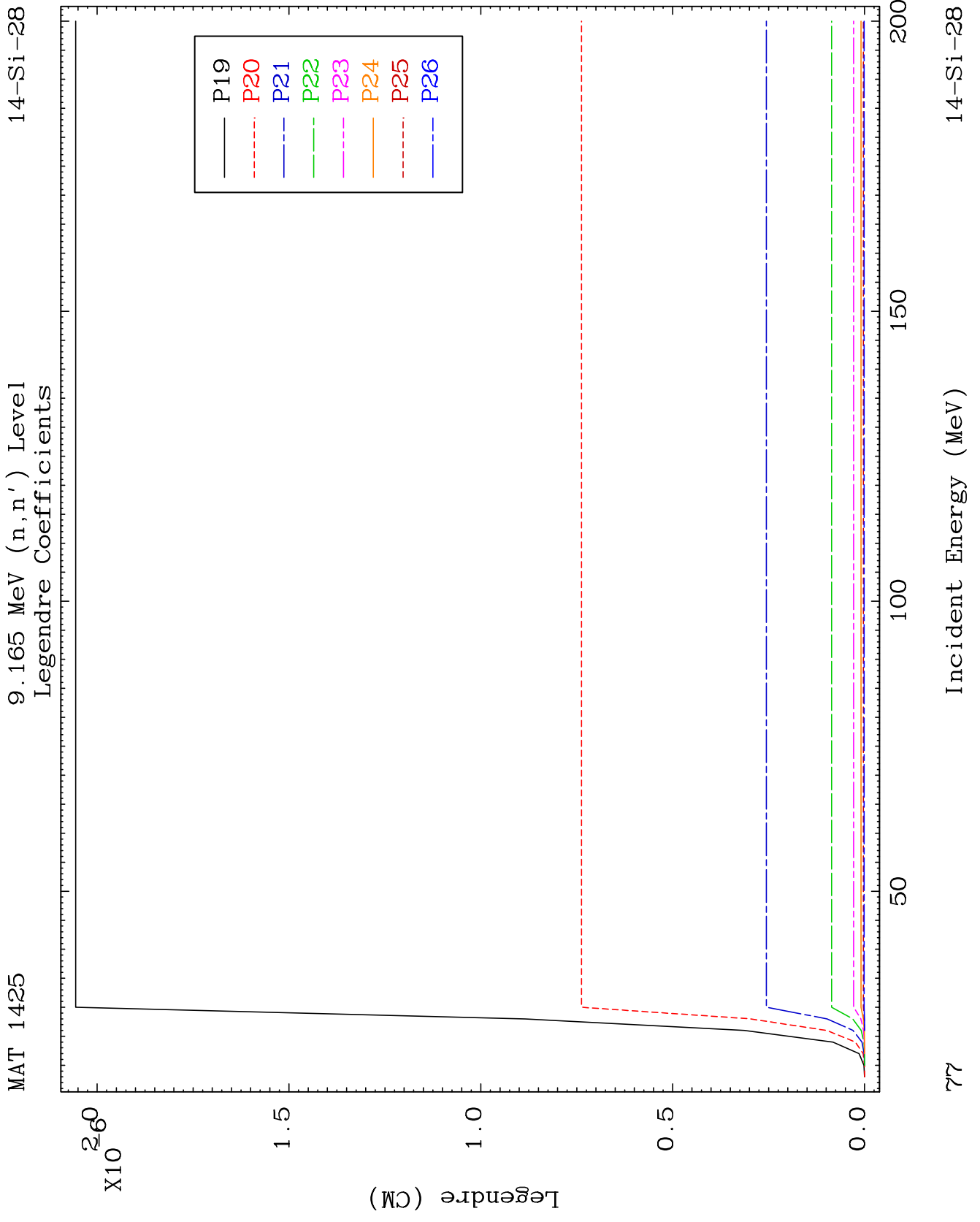


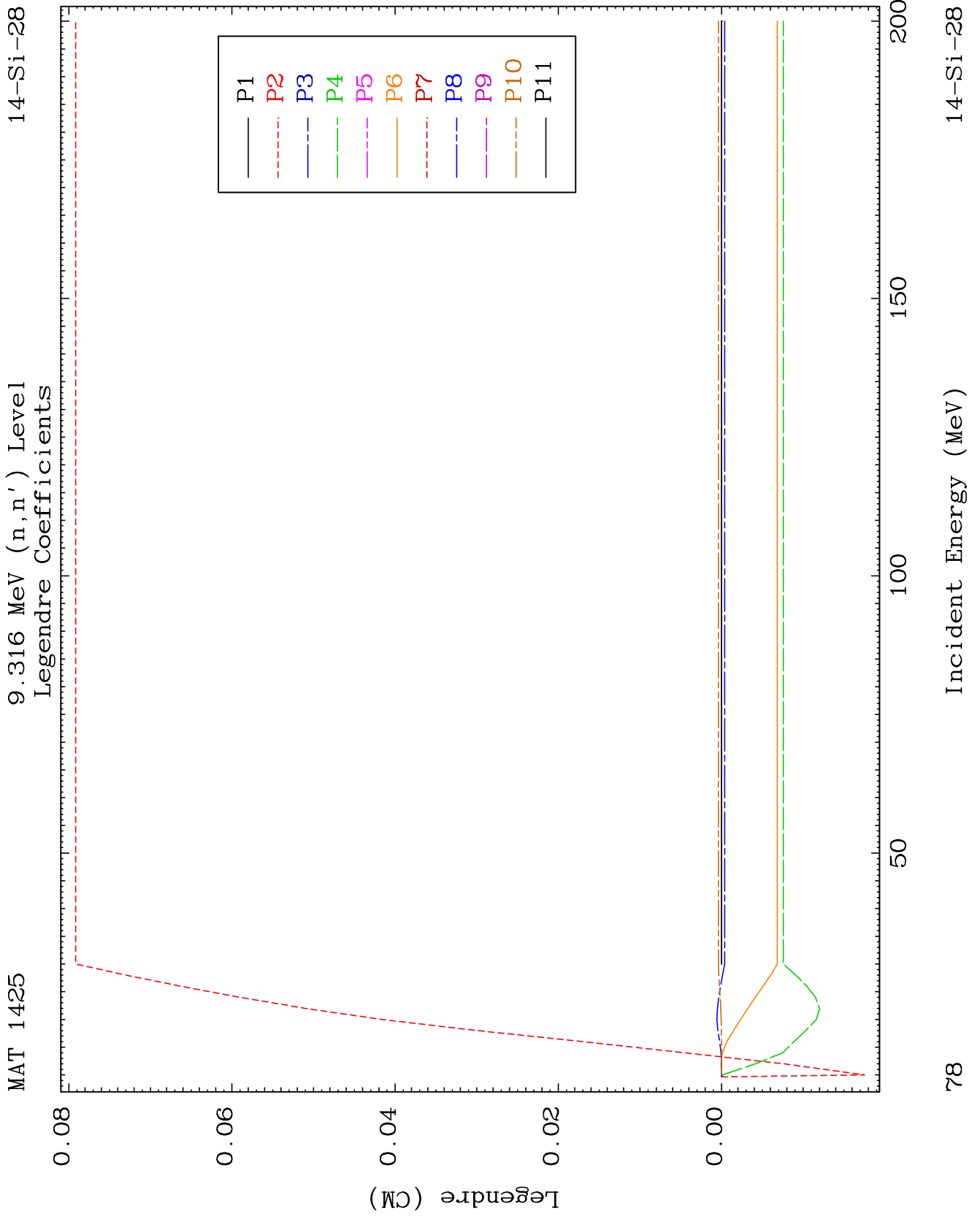


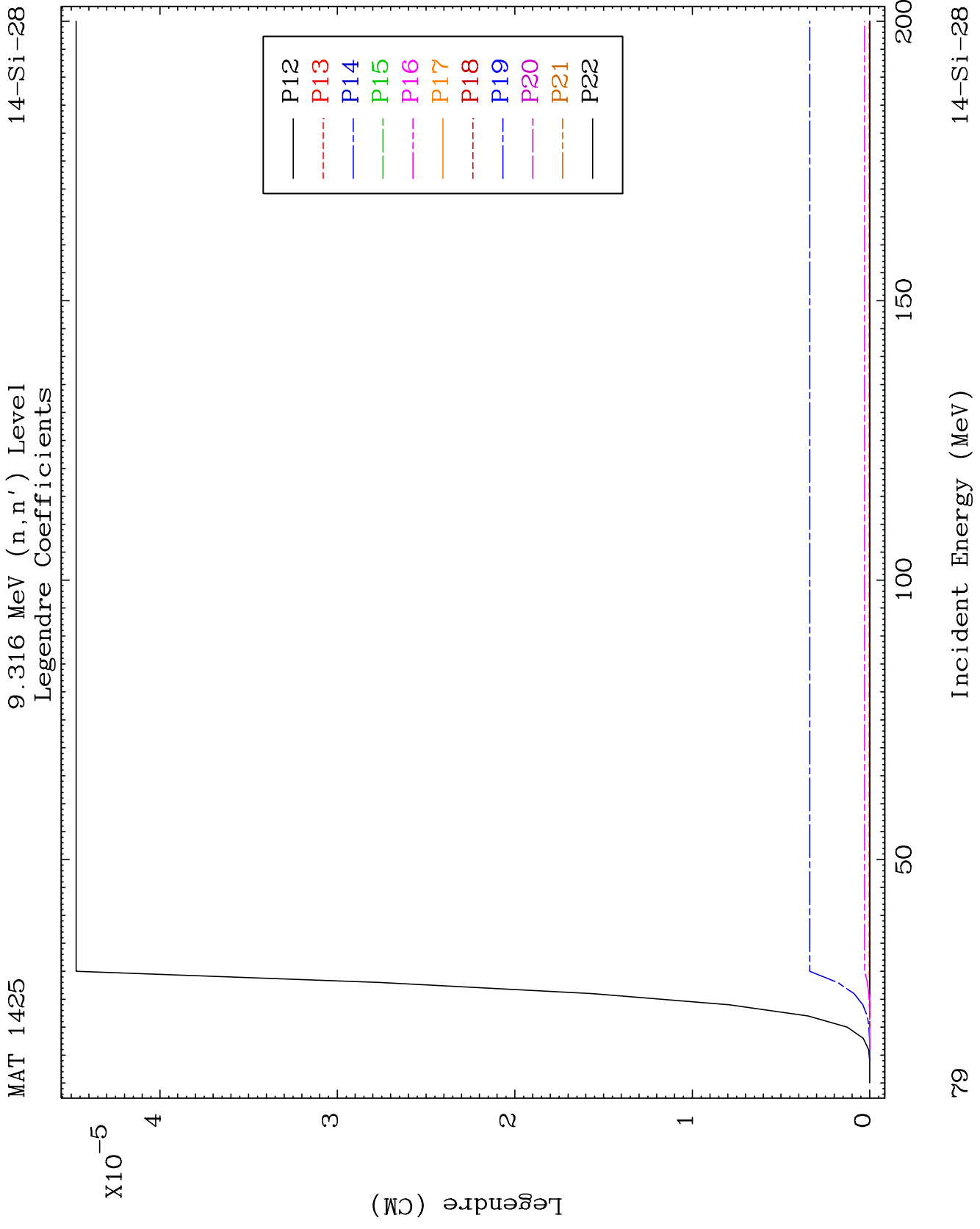


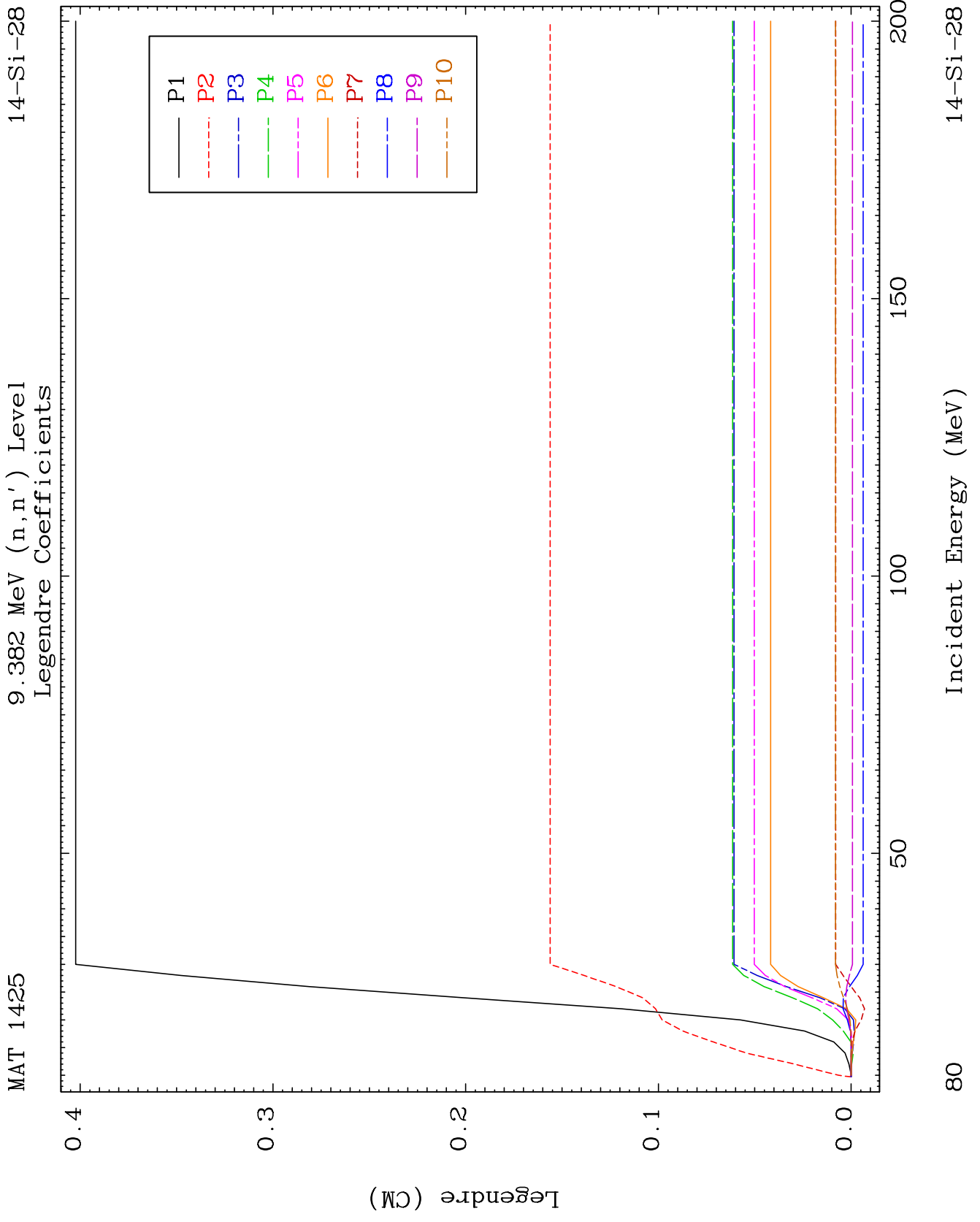








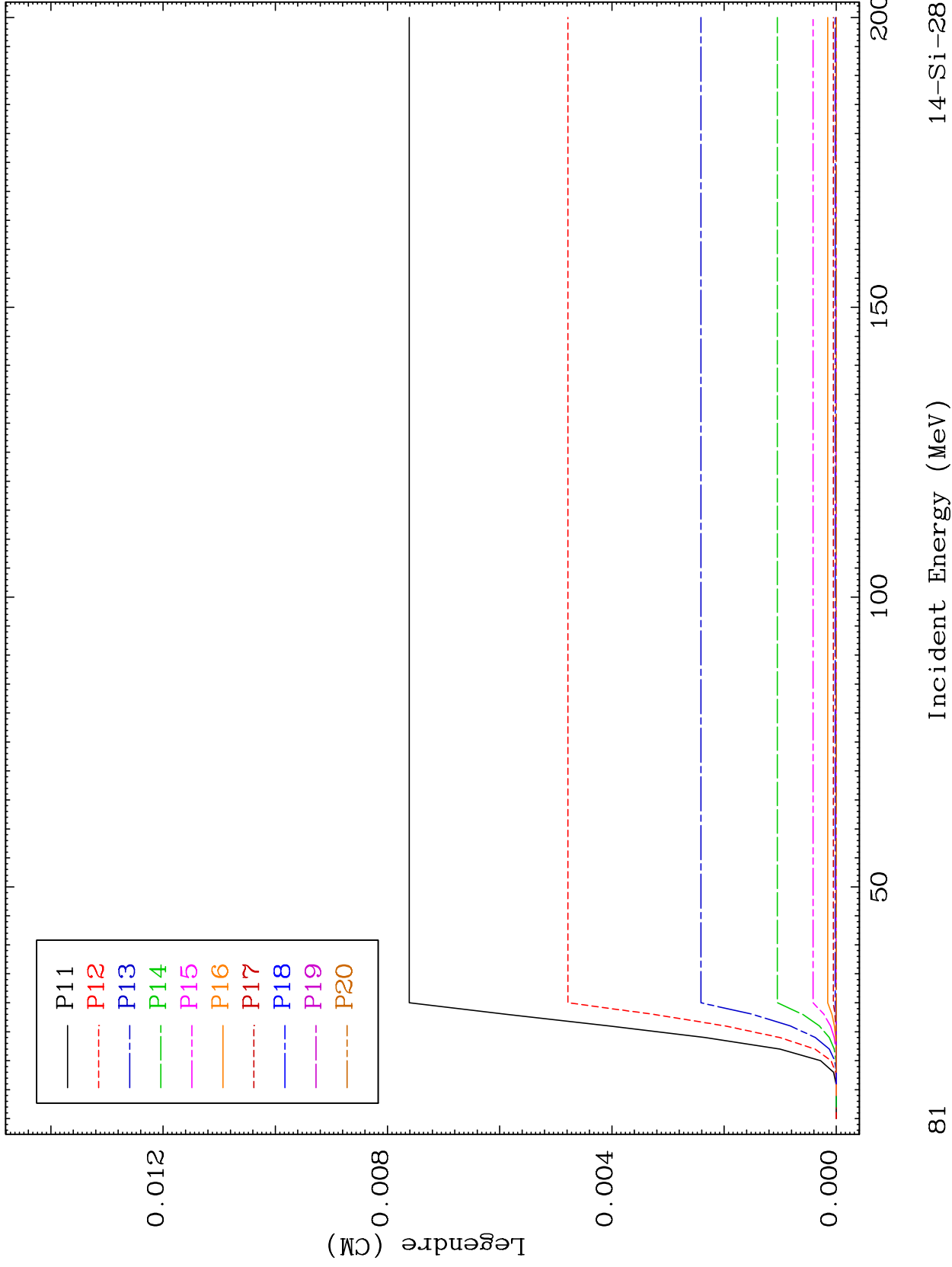




MAT 1425

9.382 MeV (n,n') Level
Legendre Coefficients

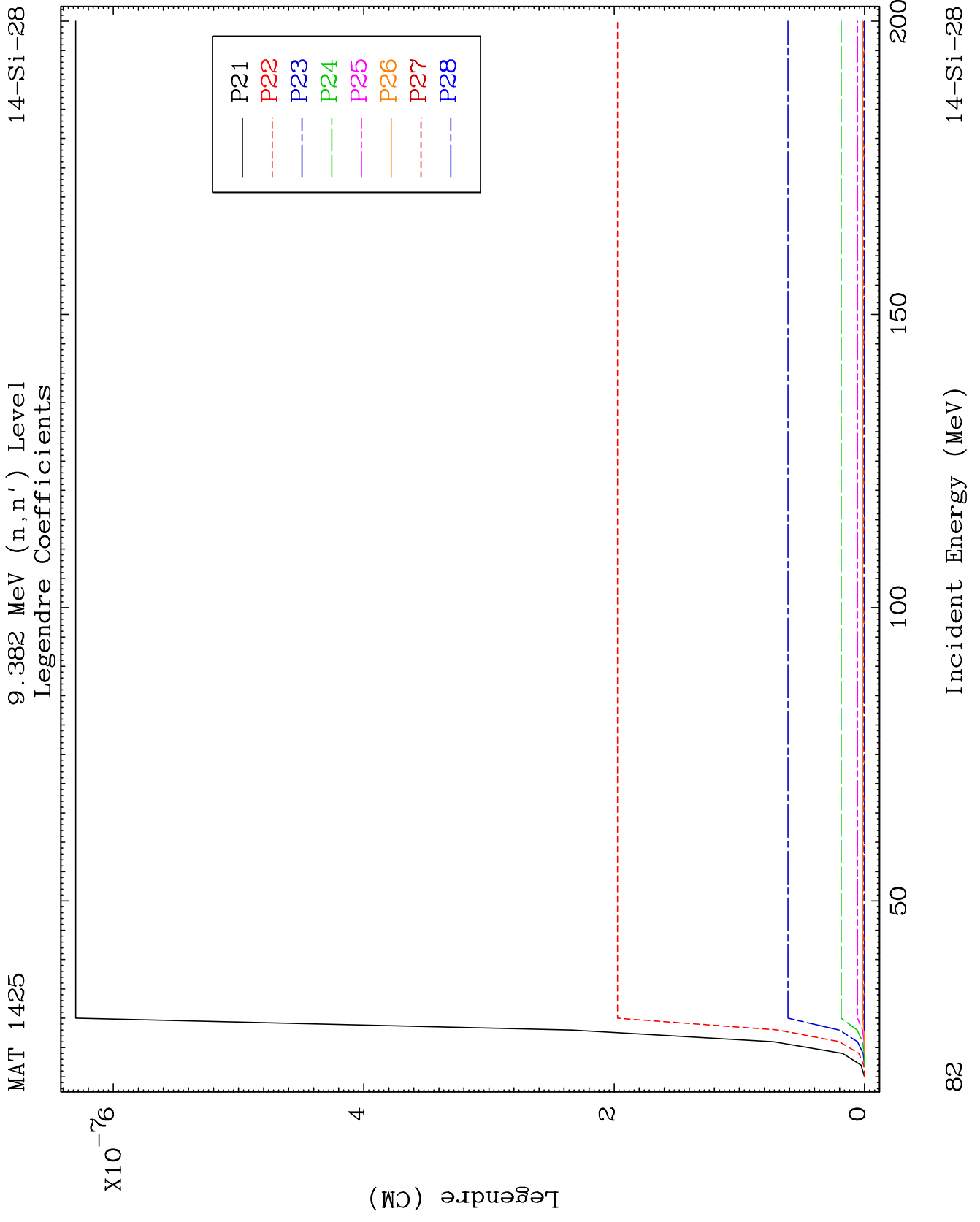
14-Si-28

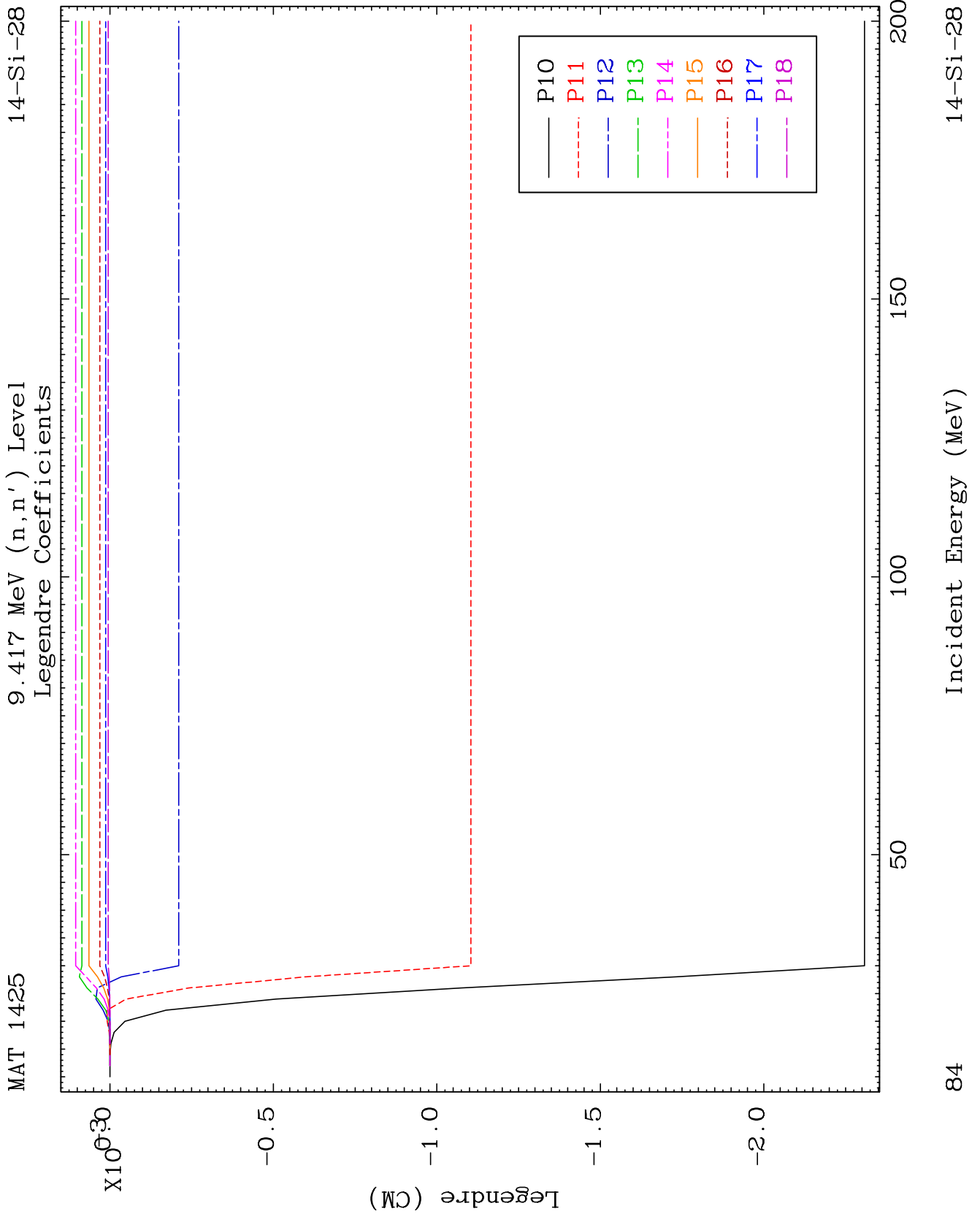


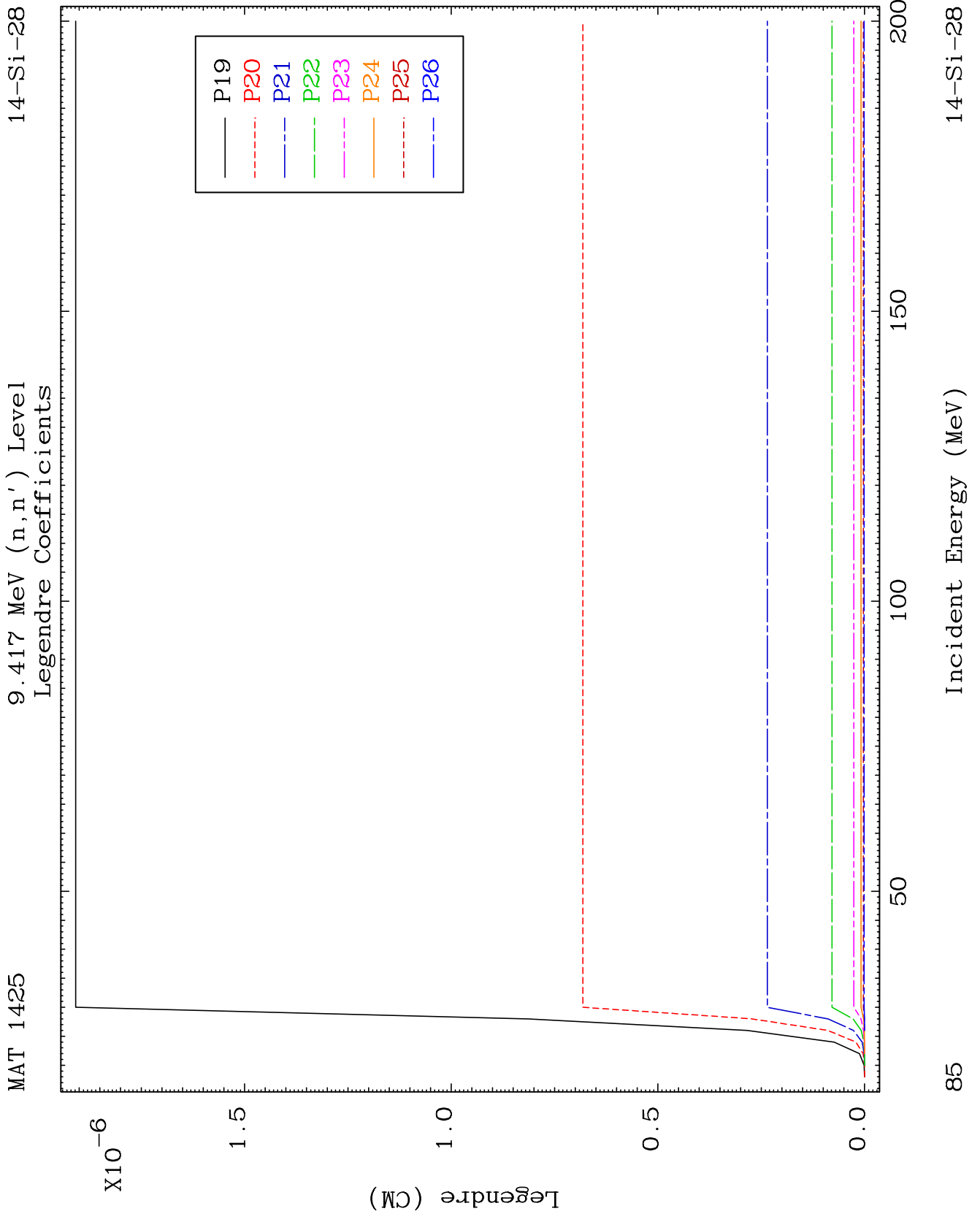
81

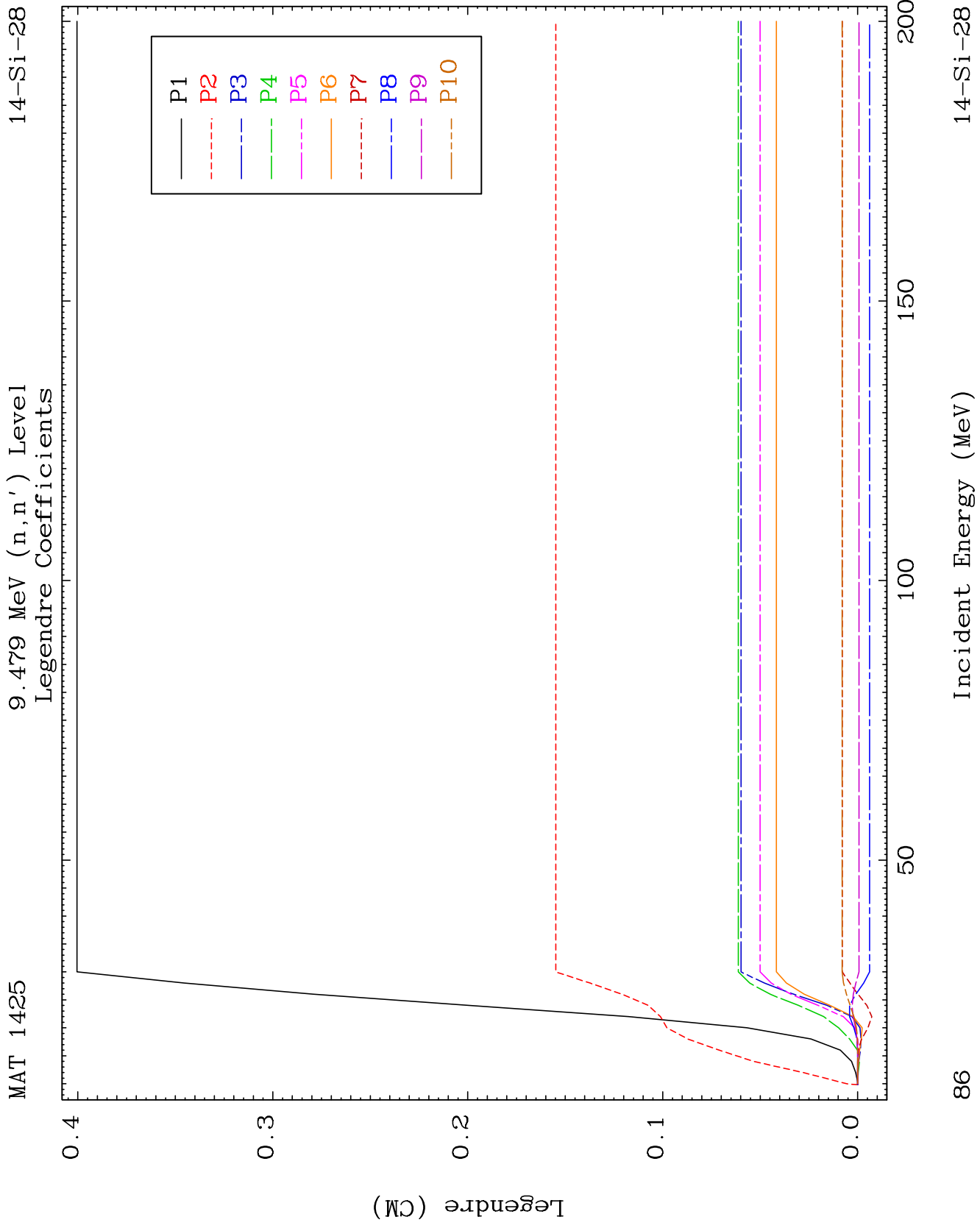
Incident Energy (MeV)

14-Si-28





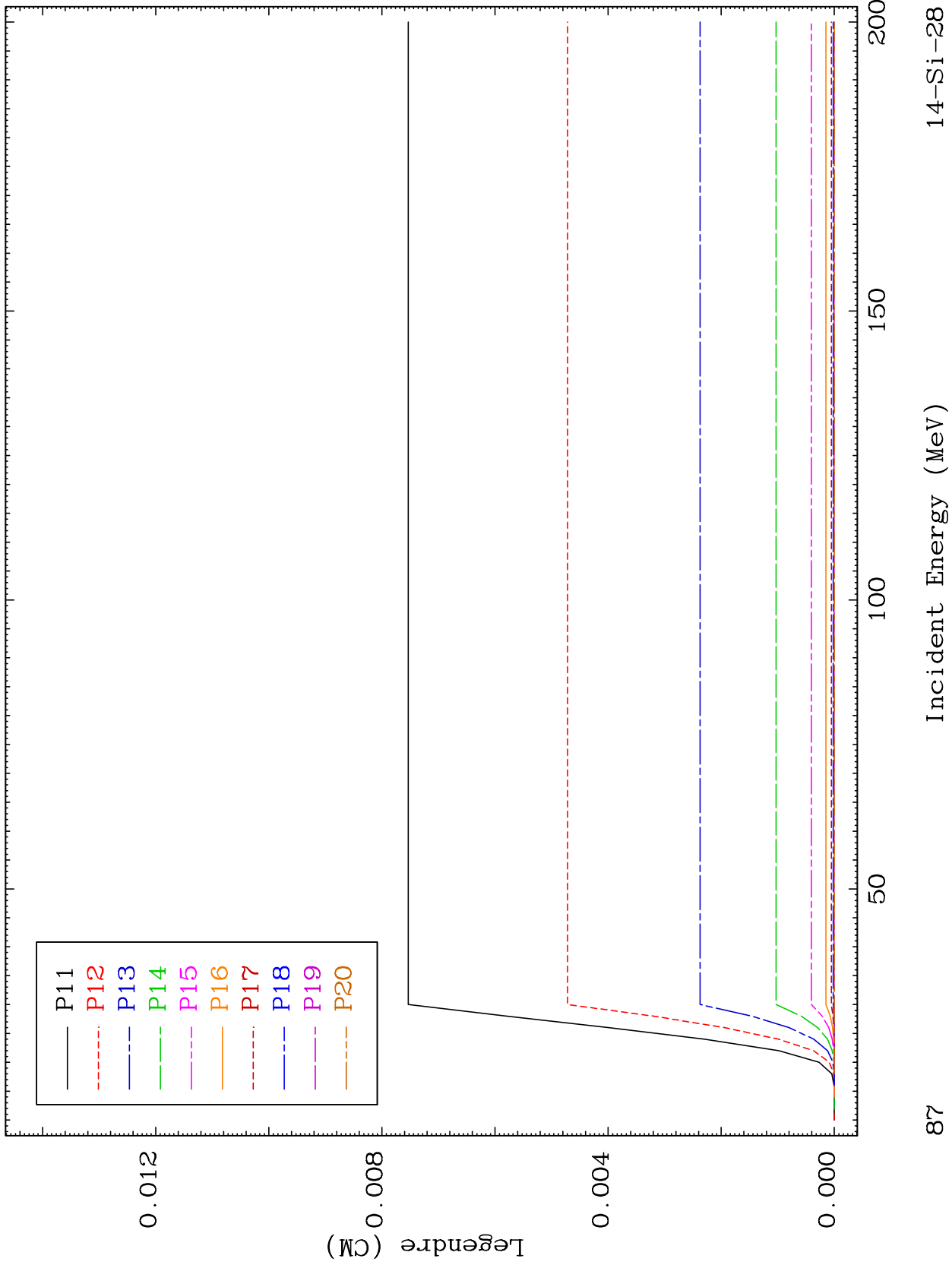




MAT 1425

9.479 MeV (n,n') Level
Legendre Coefficients

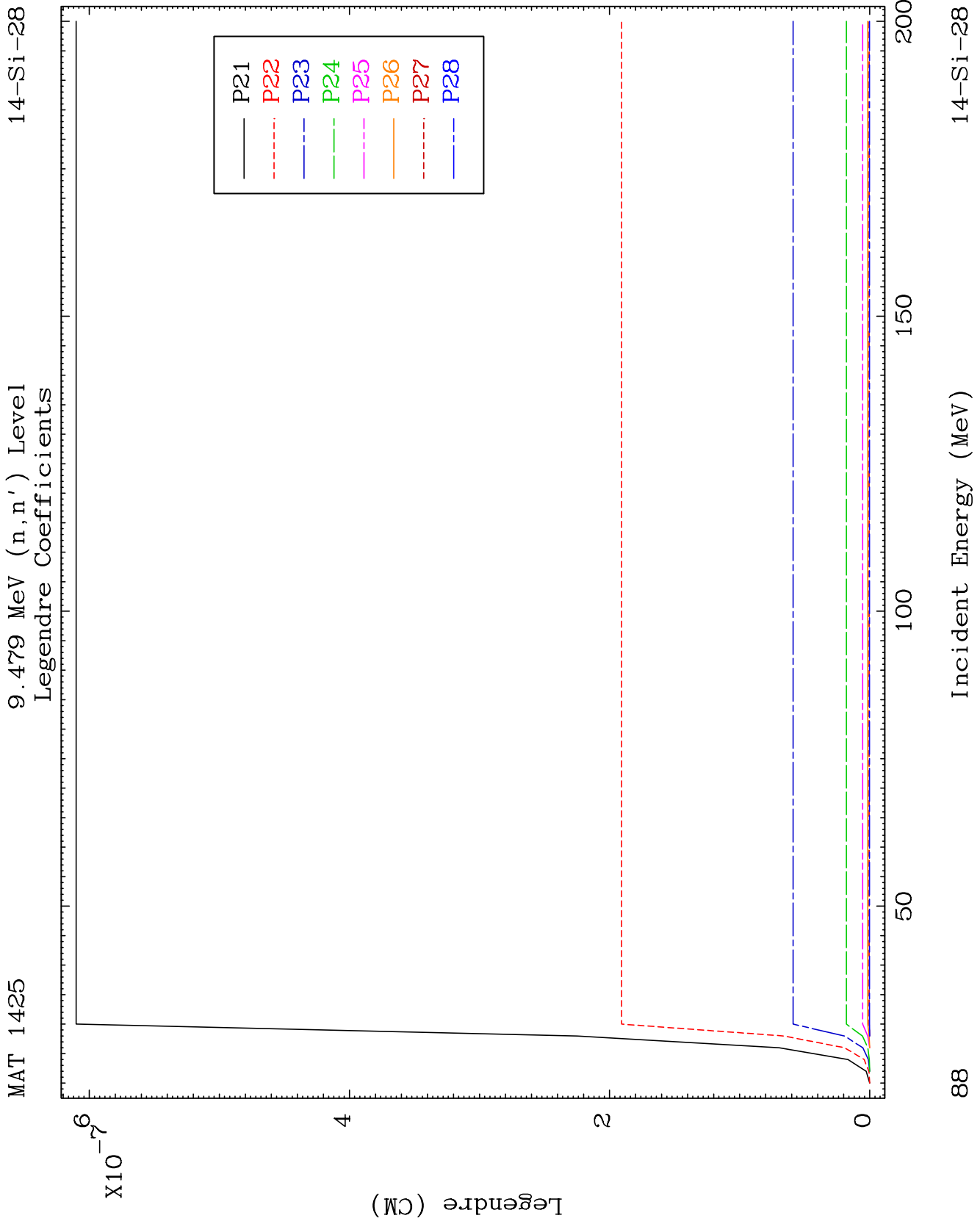
14-Si-28

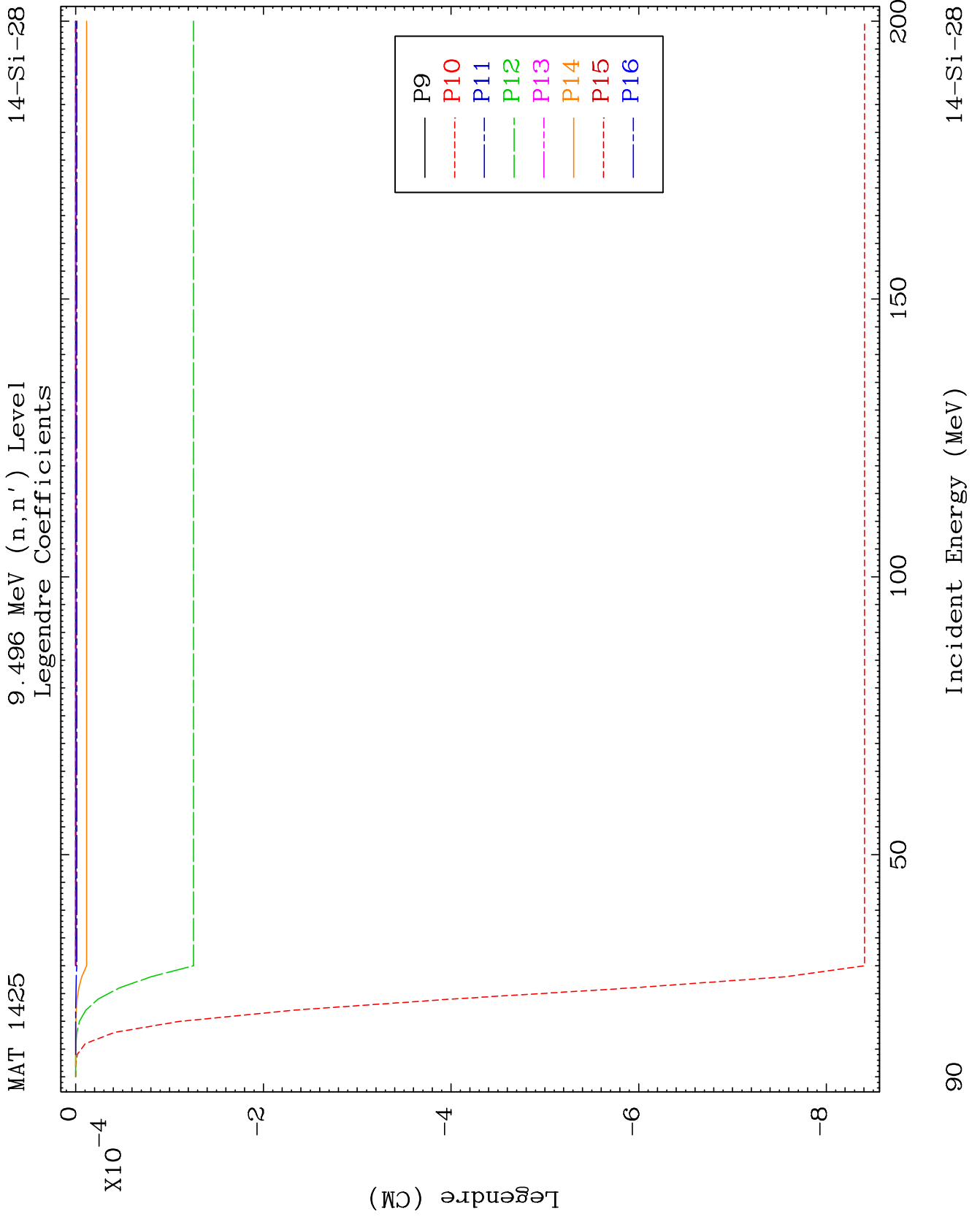


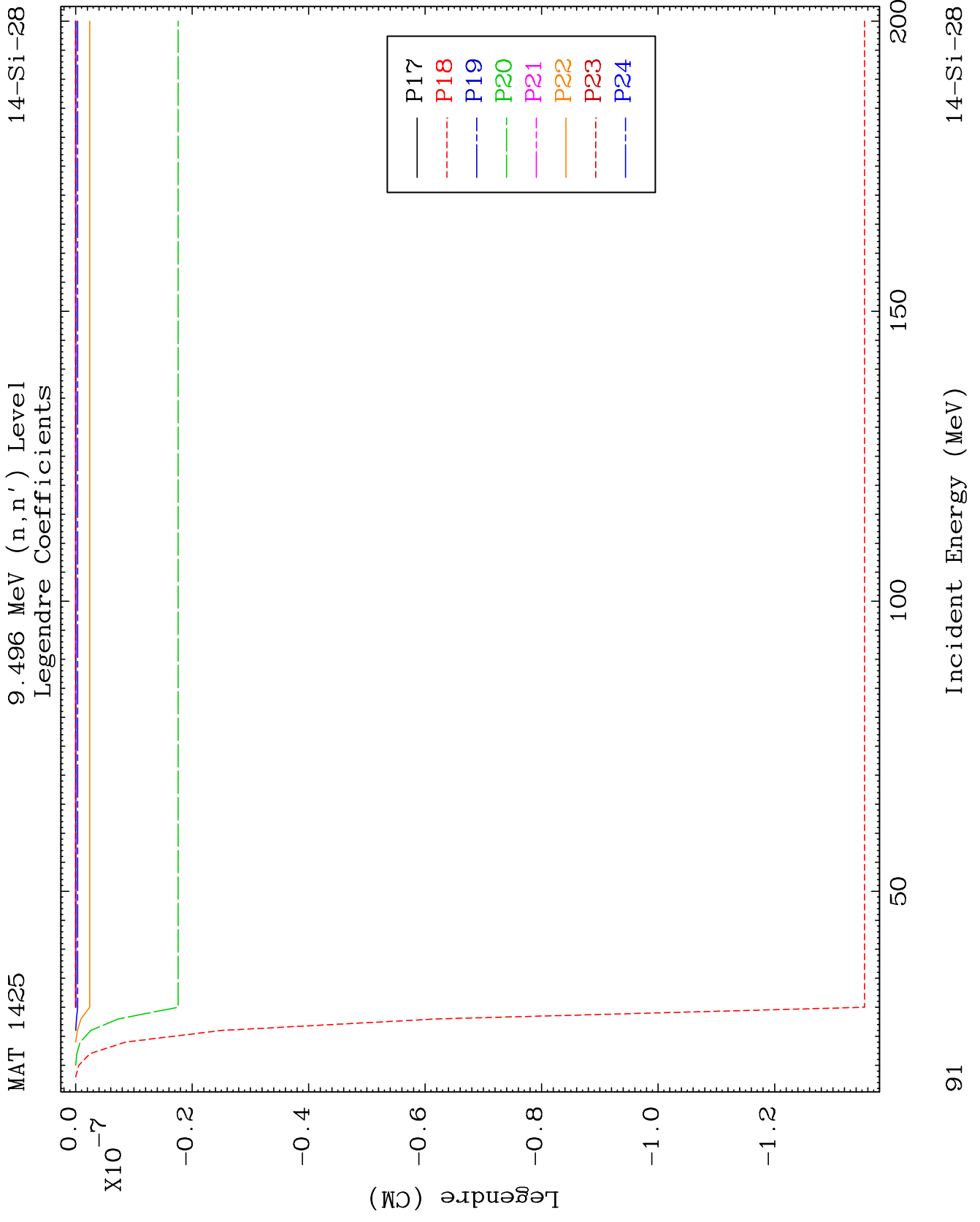
87

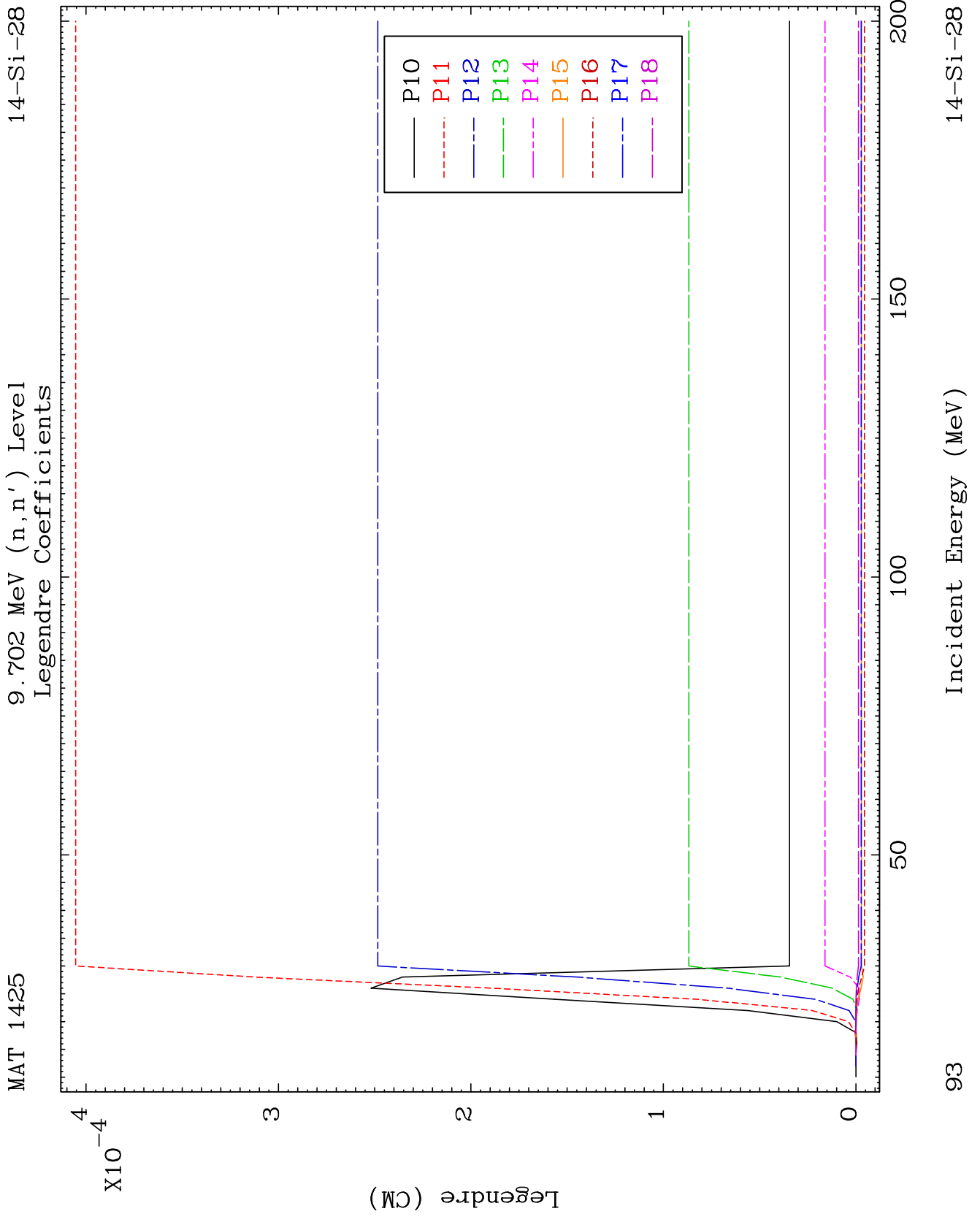
Incident Energy (MeV)

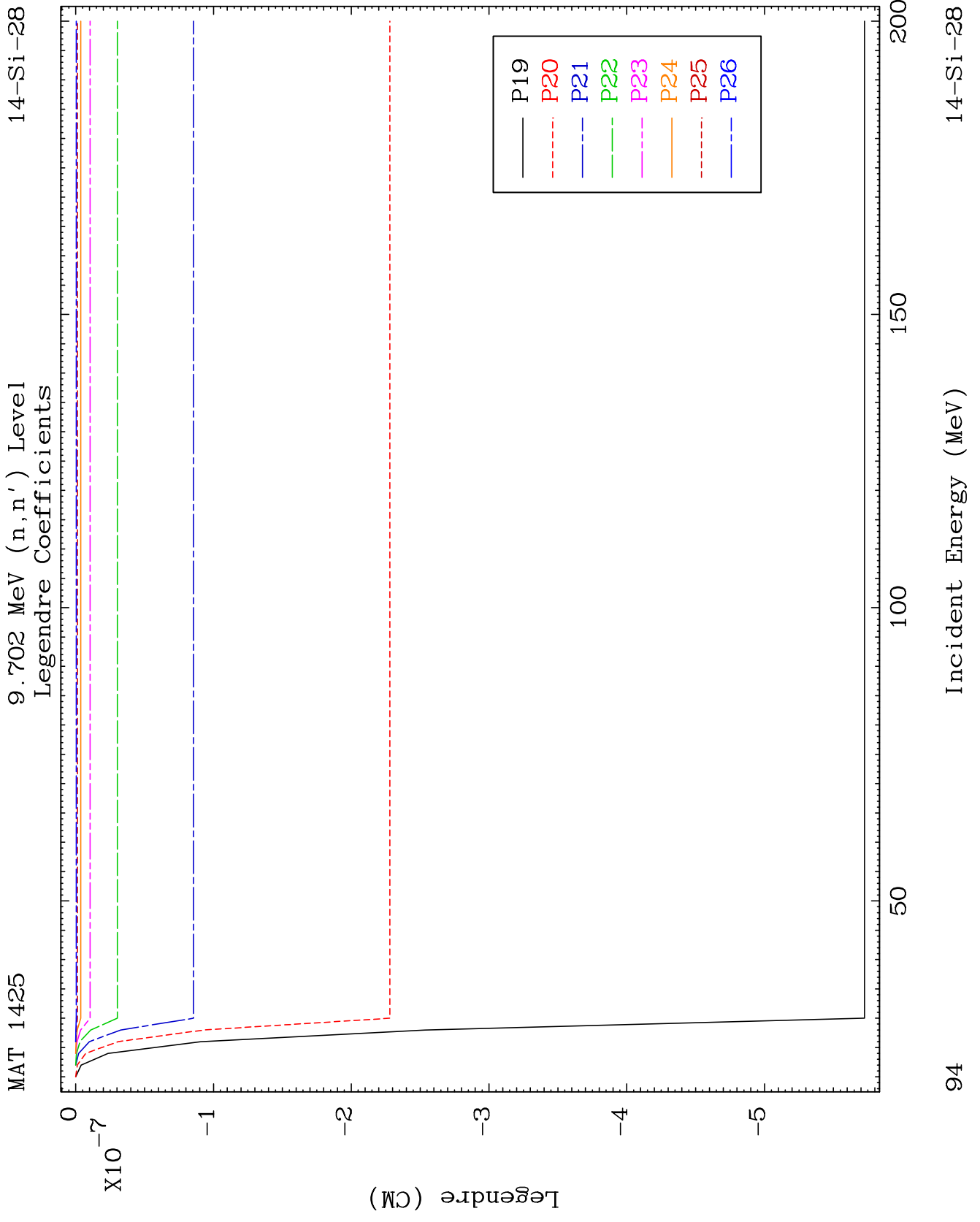
14-Si-28

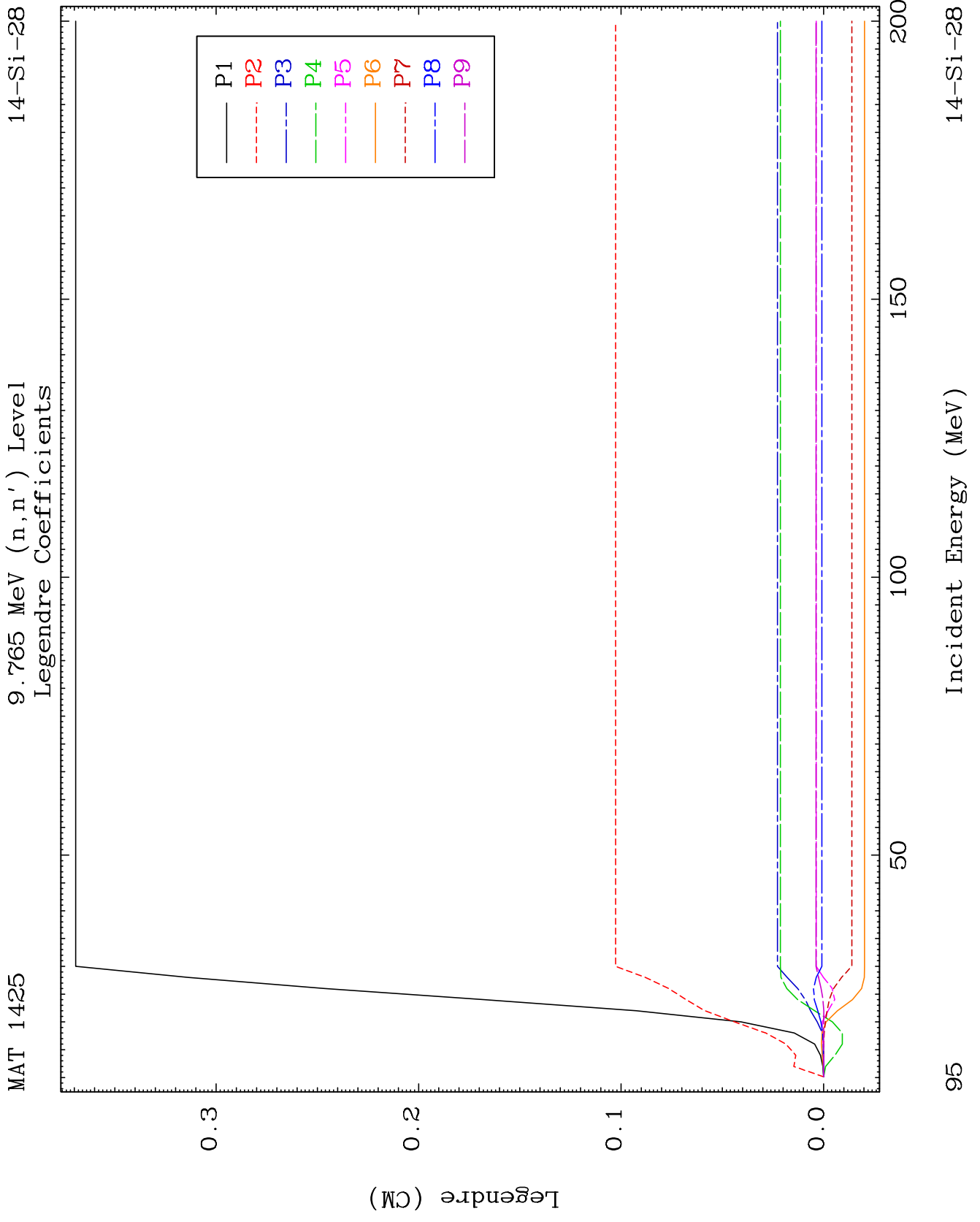


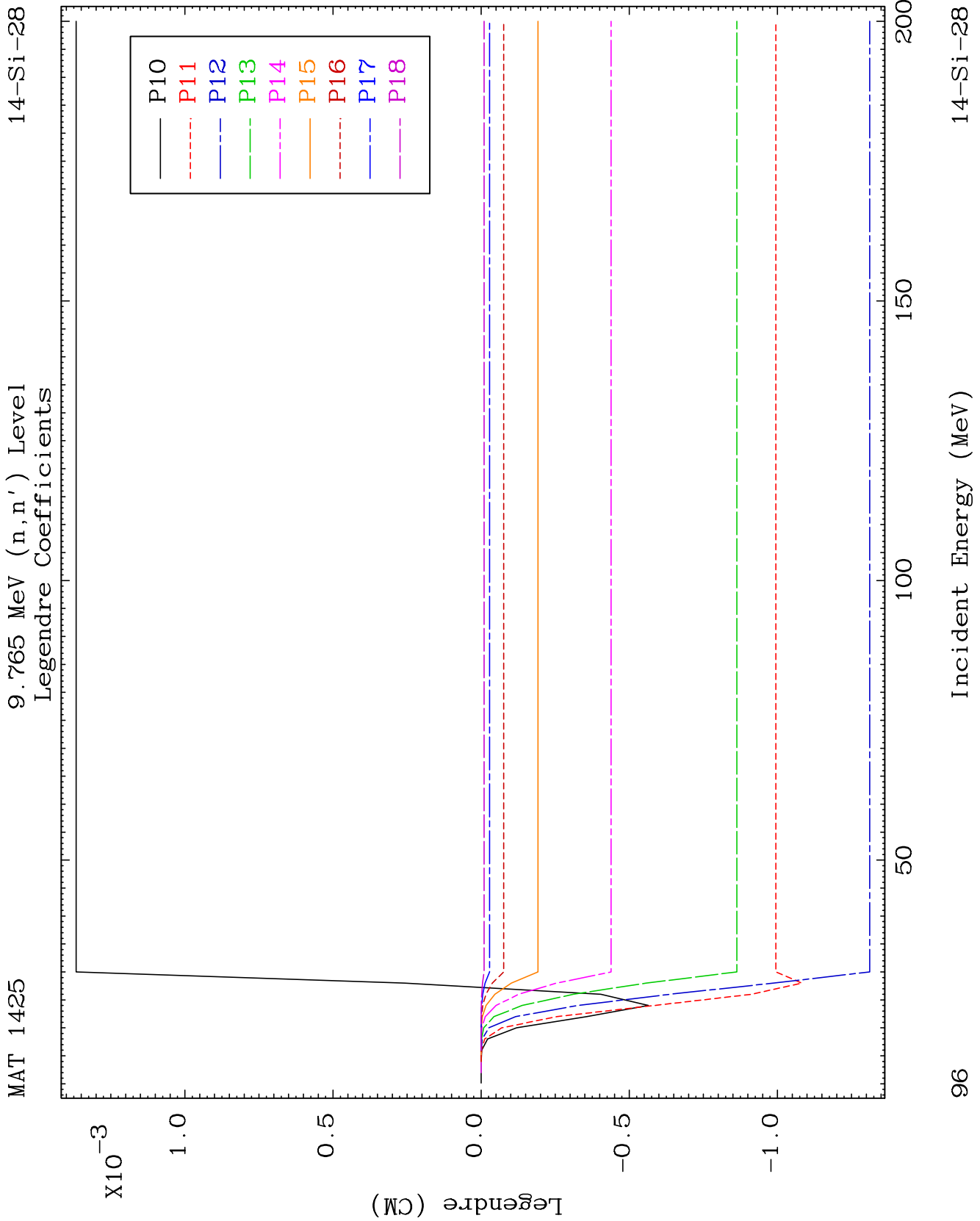


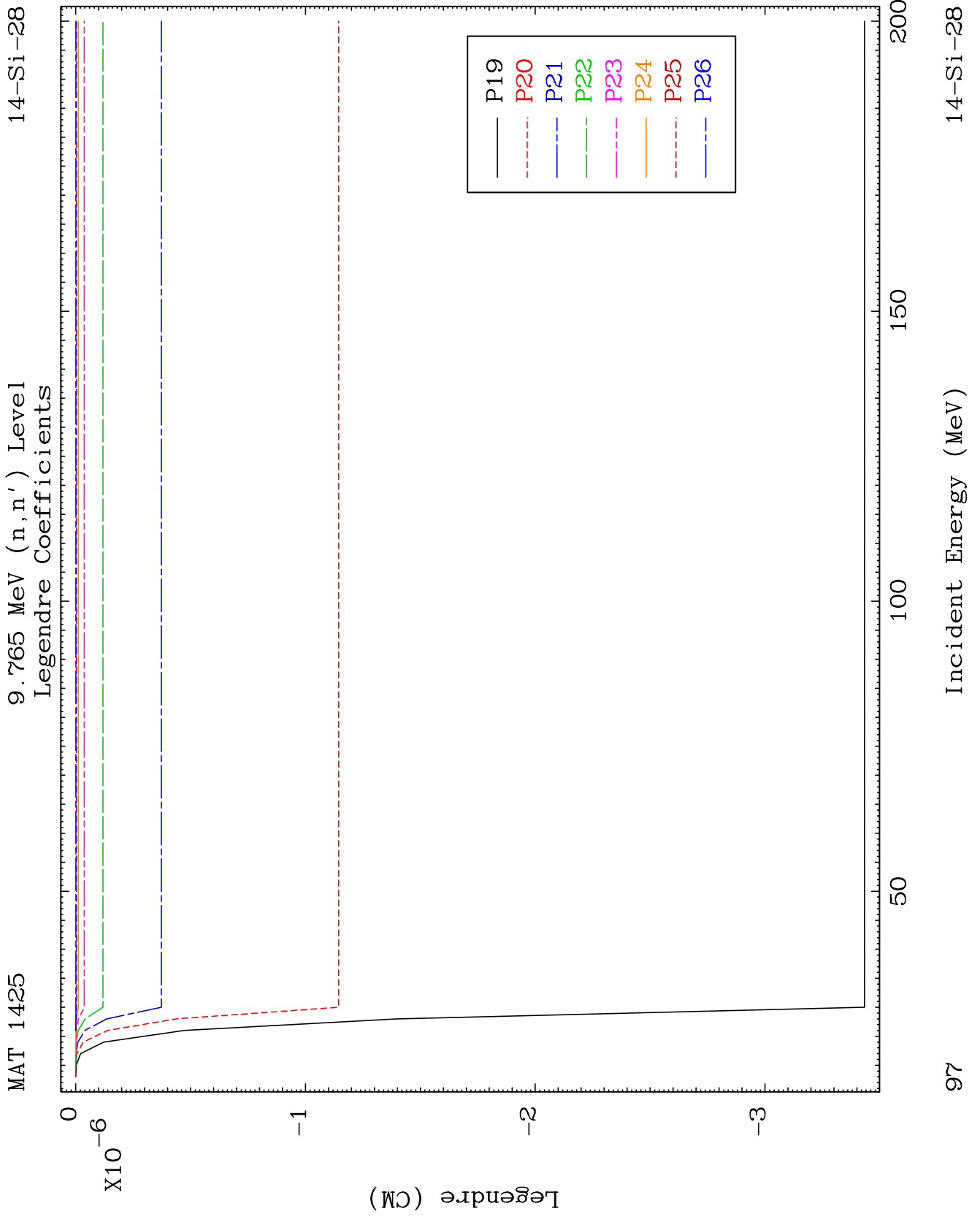










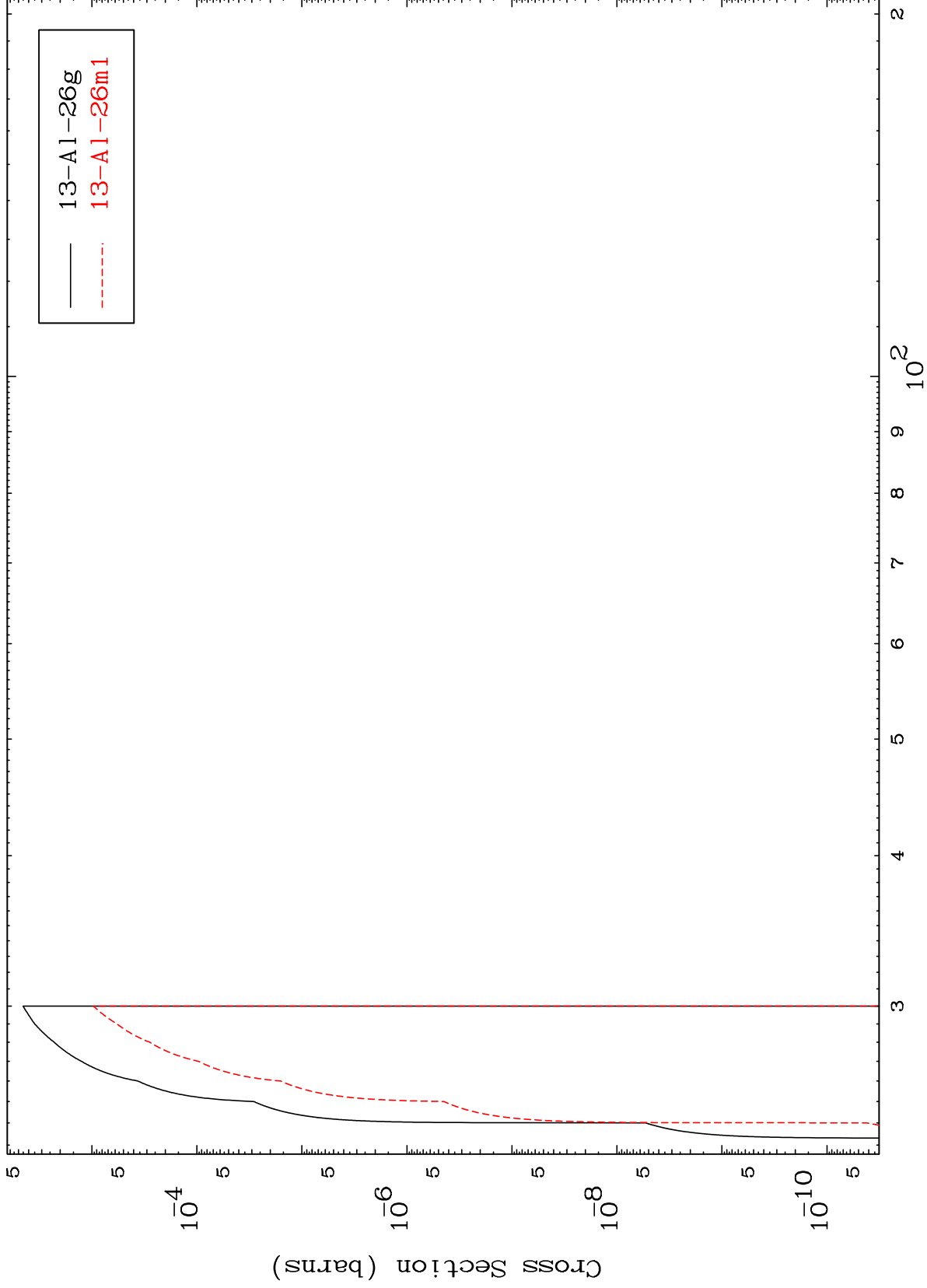


MAT 1425

(n,n') d

14-Si-28

Radionuclide Production Cross Section



98

Incident Energy (MeV)

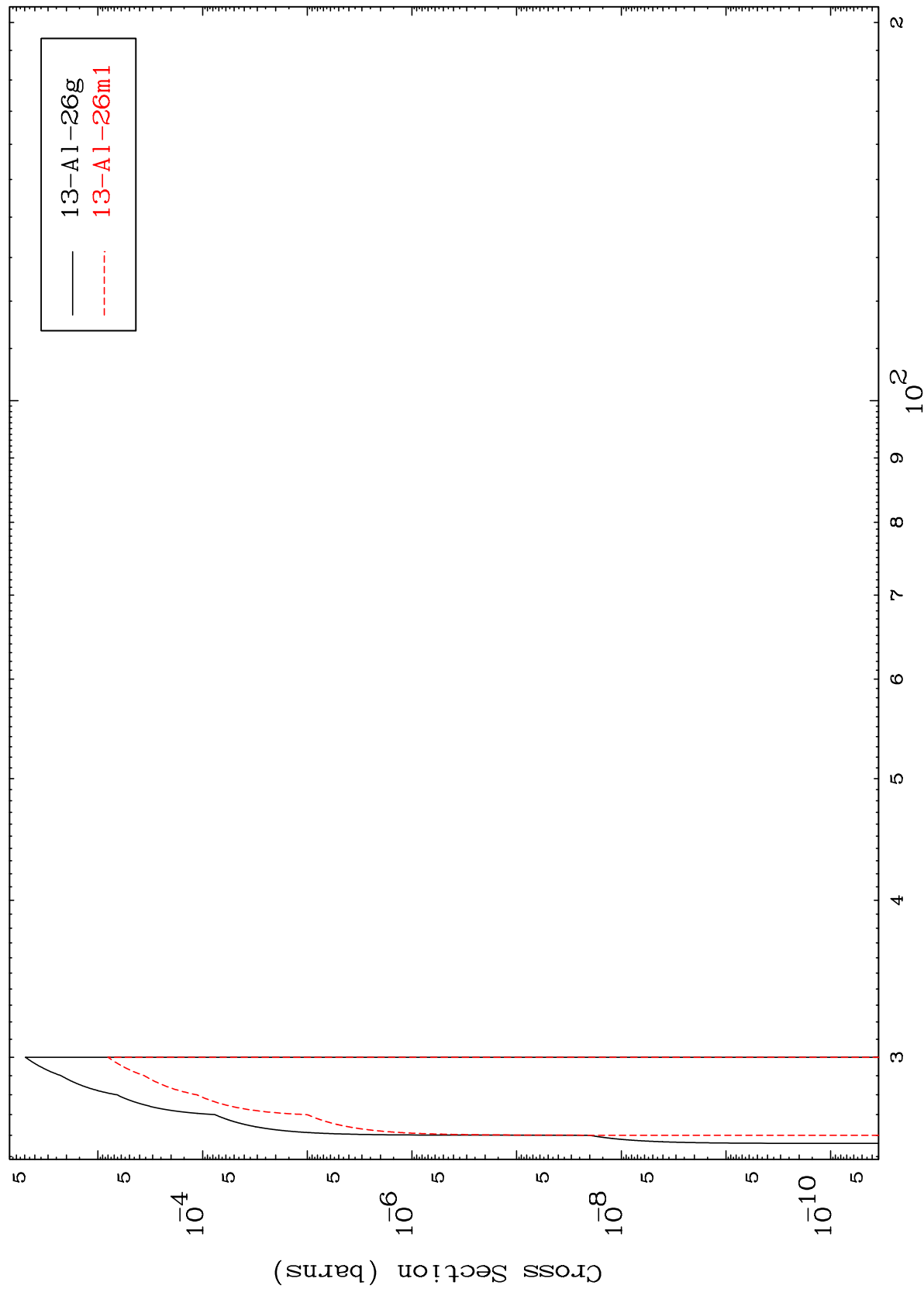
14-Si-28

MAT 1425

(n,2n) p

14-Si-28

Radionuclide Production Cross Section



99

Incident Energy (MeV)

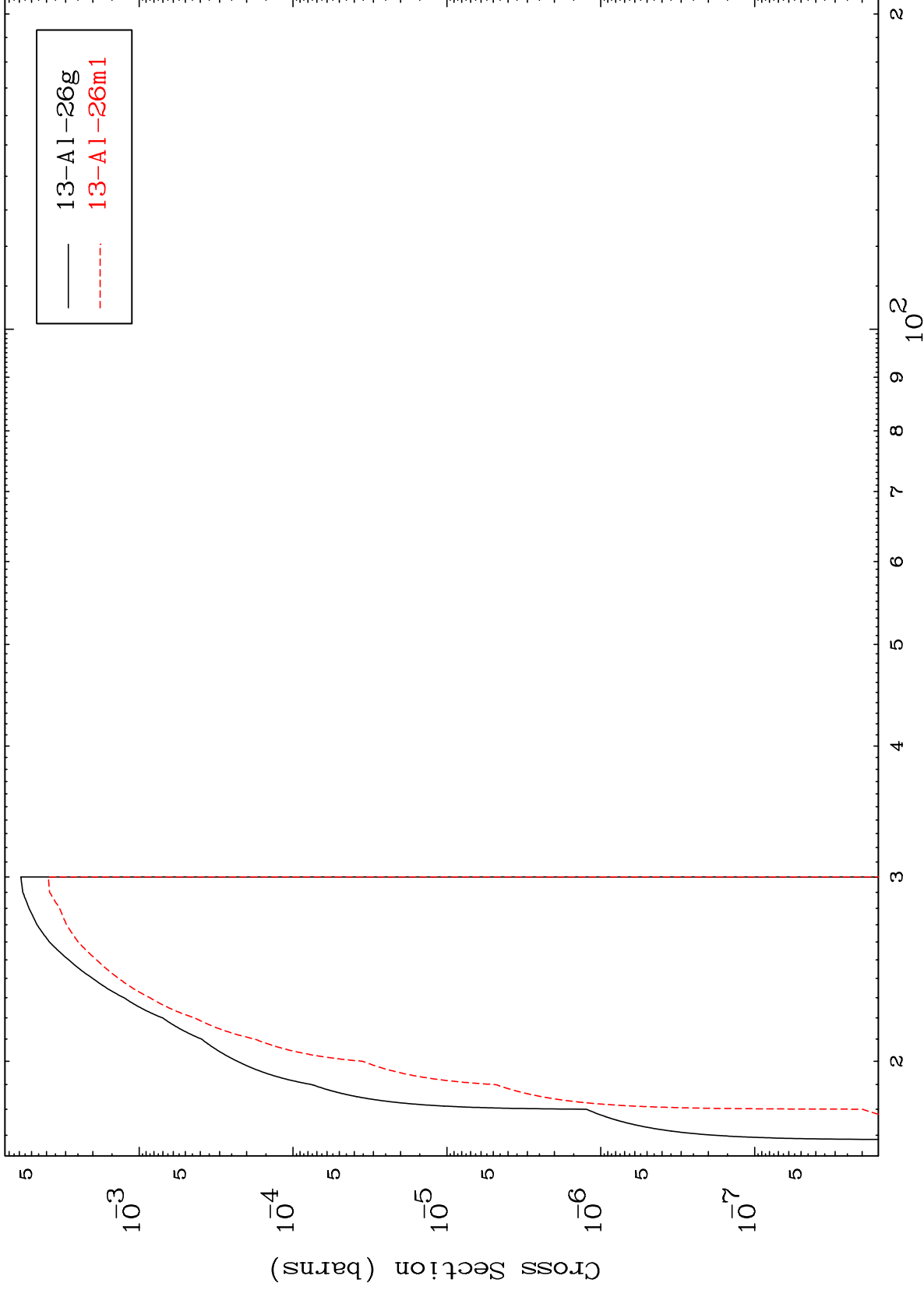
14-Si-28

MAT 1425

(n, t)

14-Si-28

Radionuclide Production Cross Section



100

Incident Energy (MeV)

14-Si-28