

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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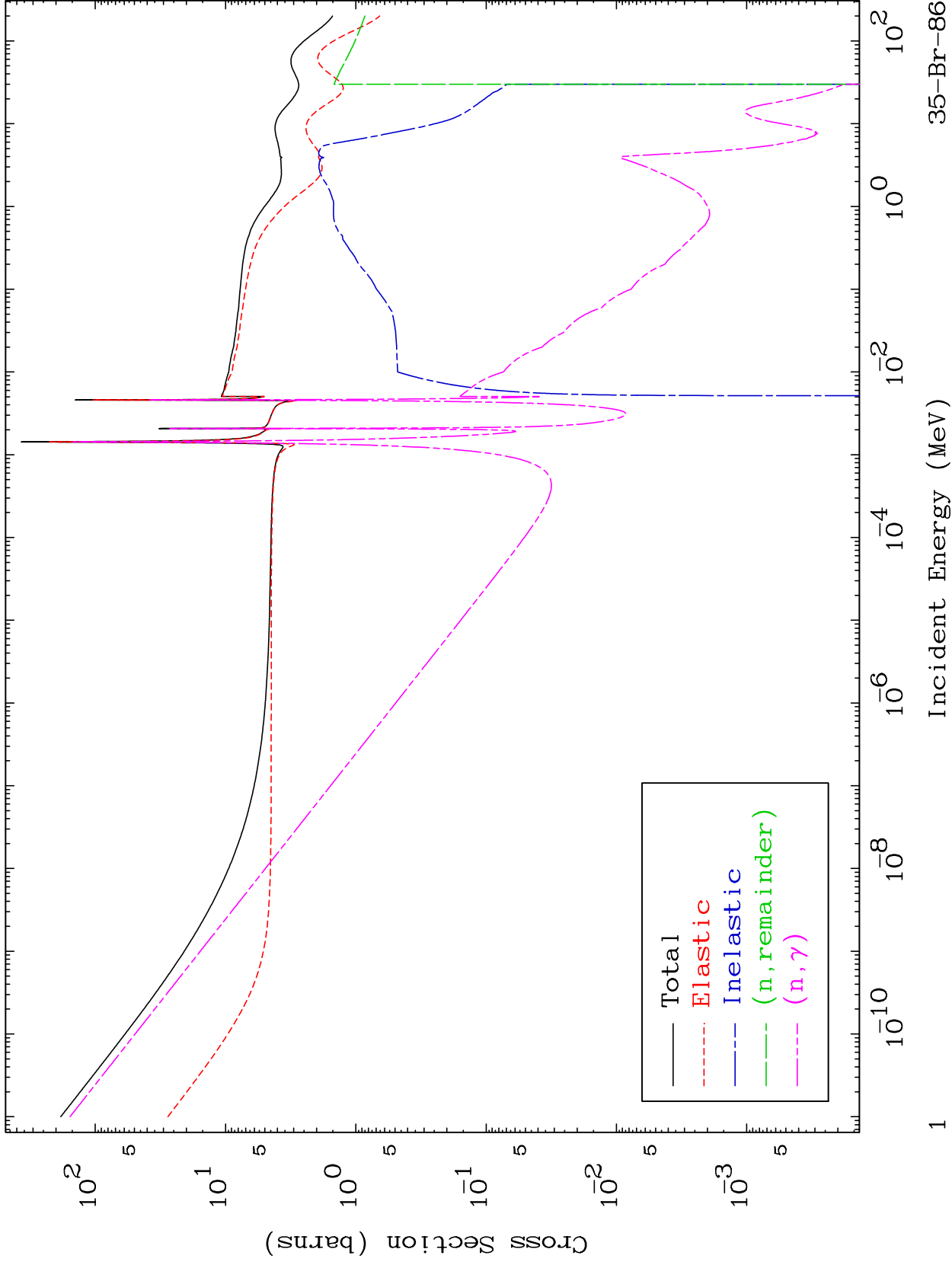
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

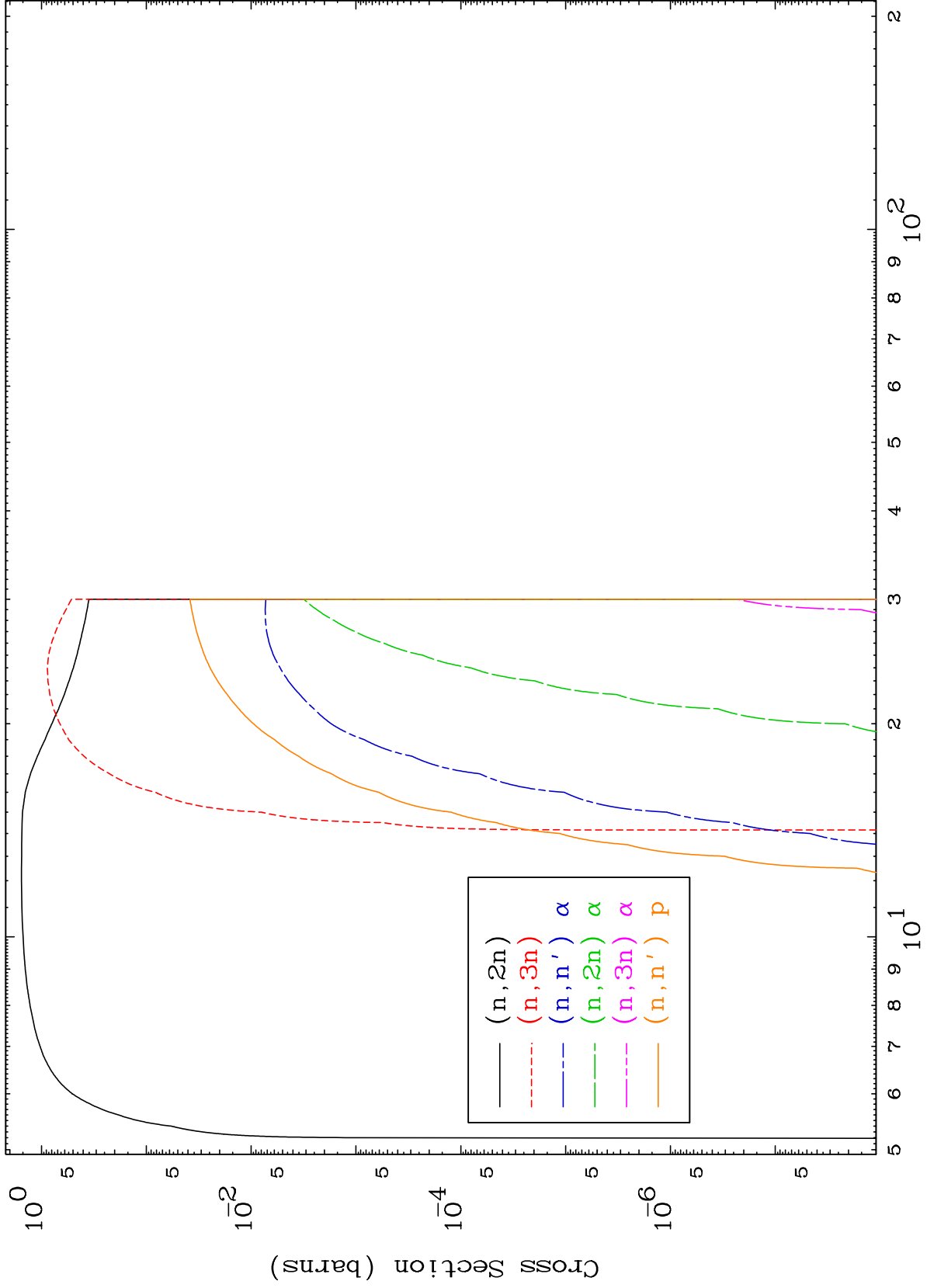
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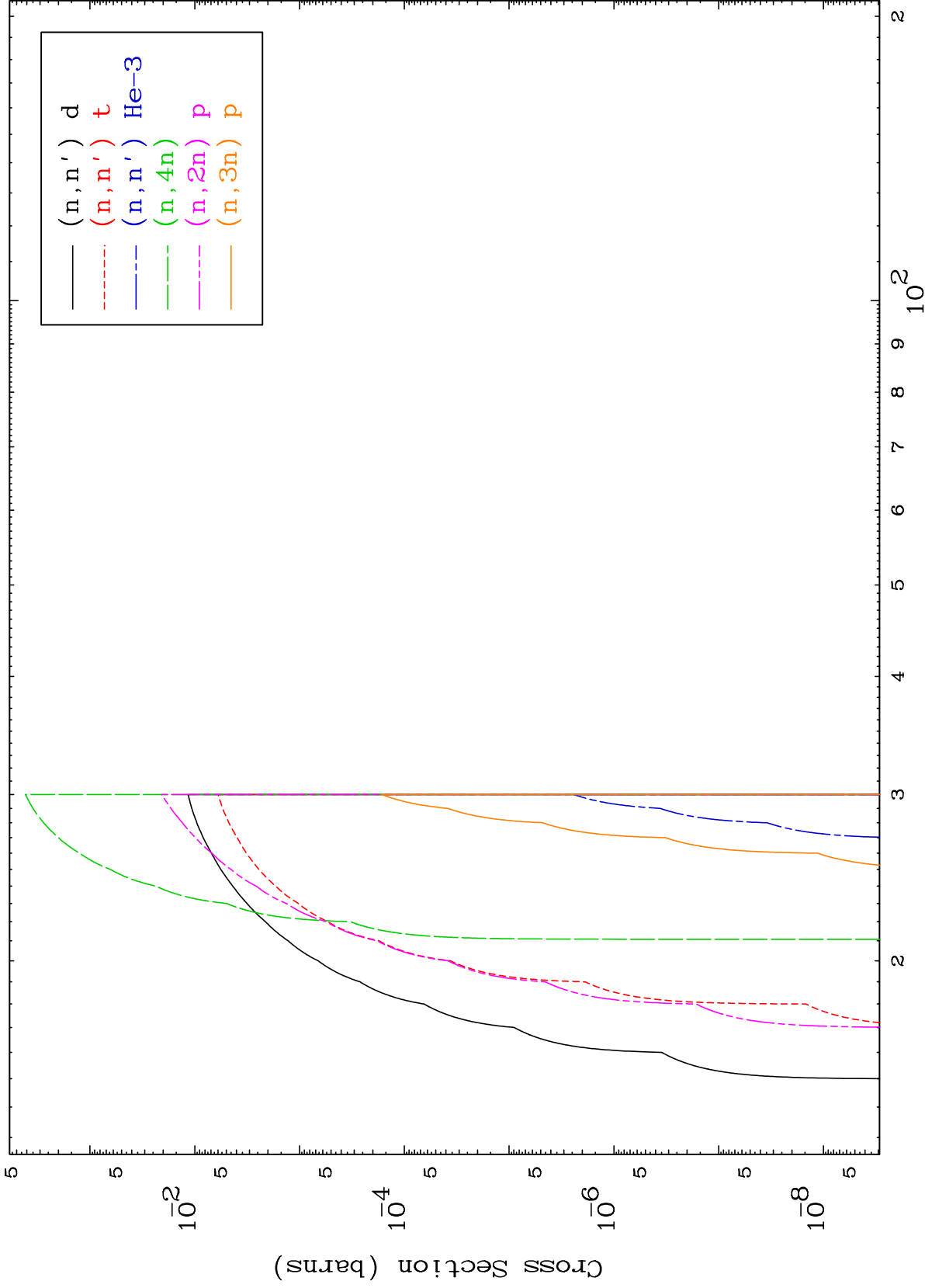
MAT 3546

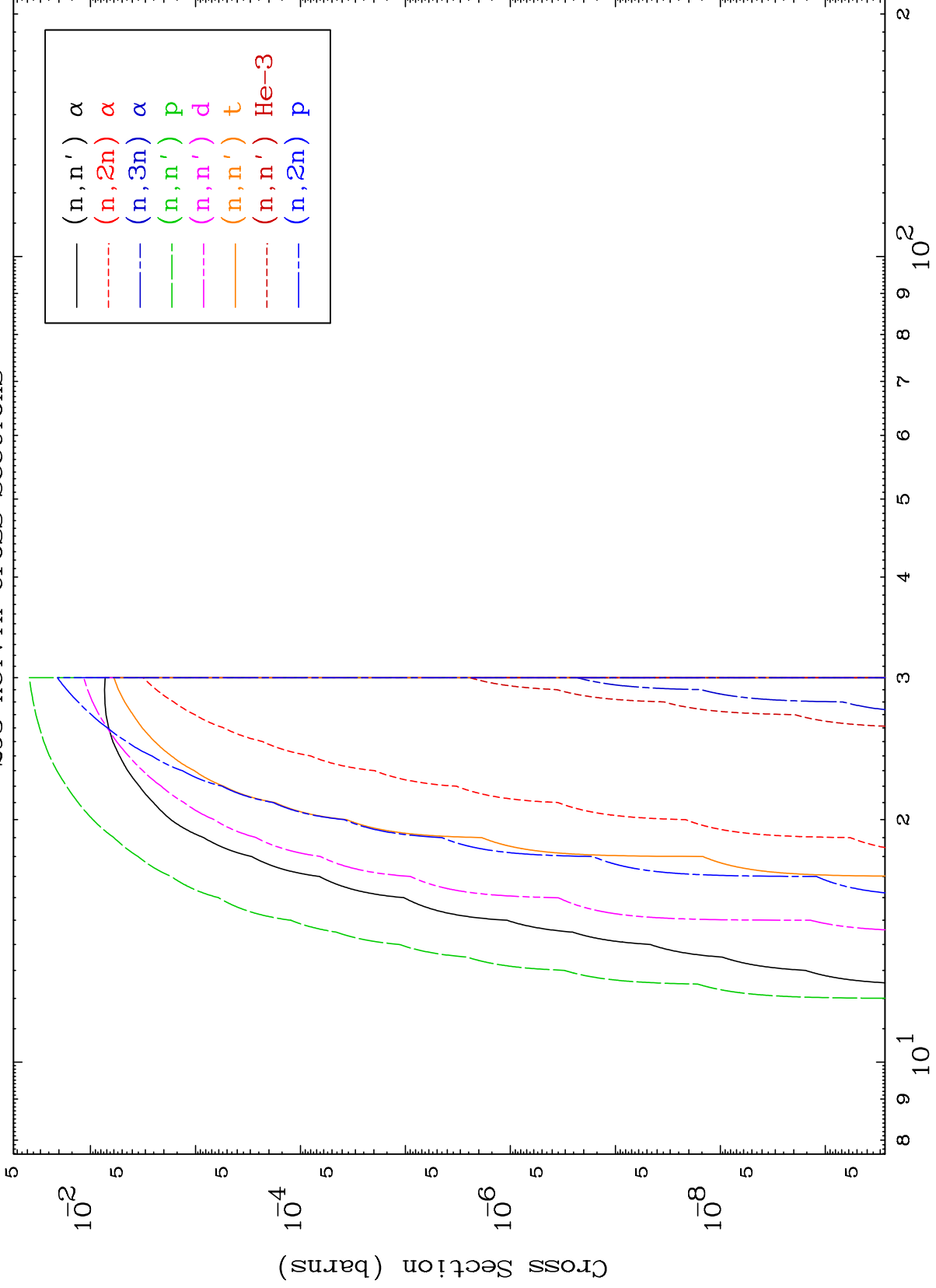
Major  
293 Kelvin Cross Sections

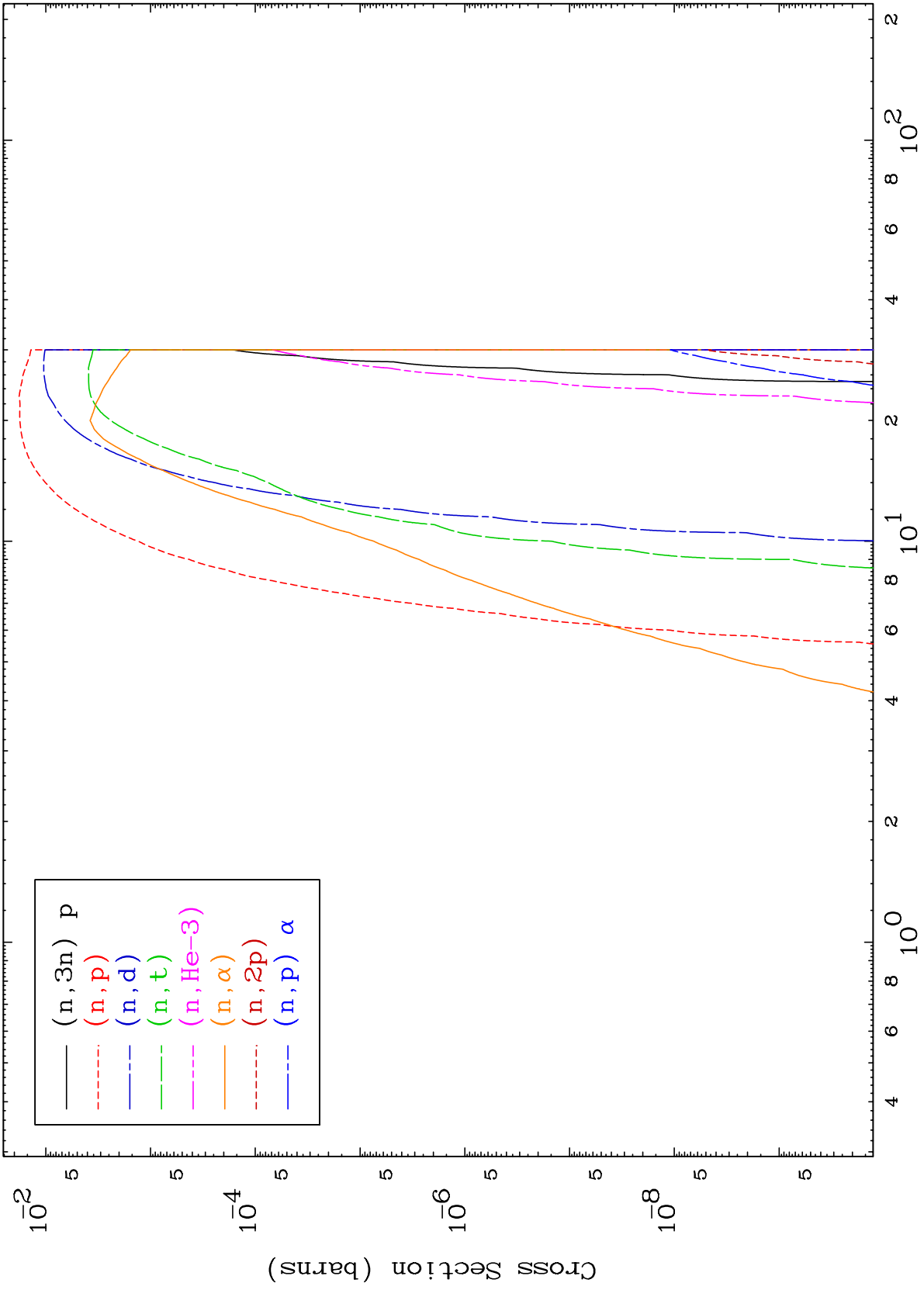
35-Br-86







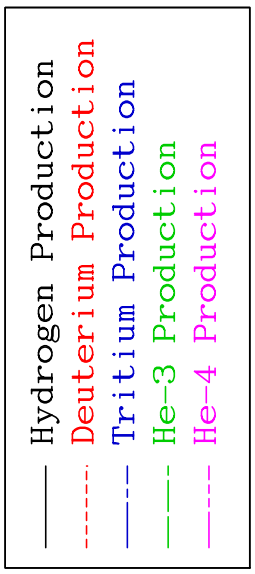
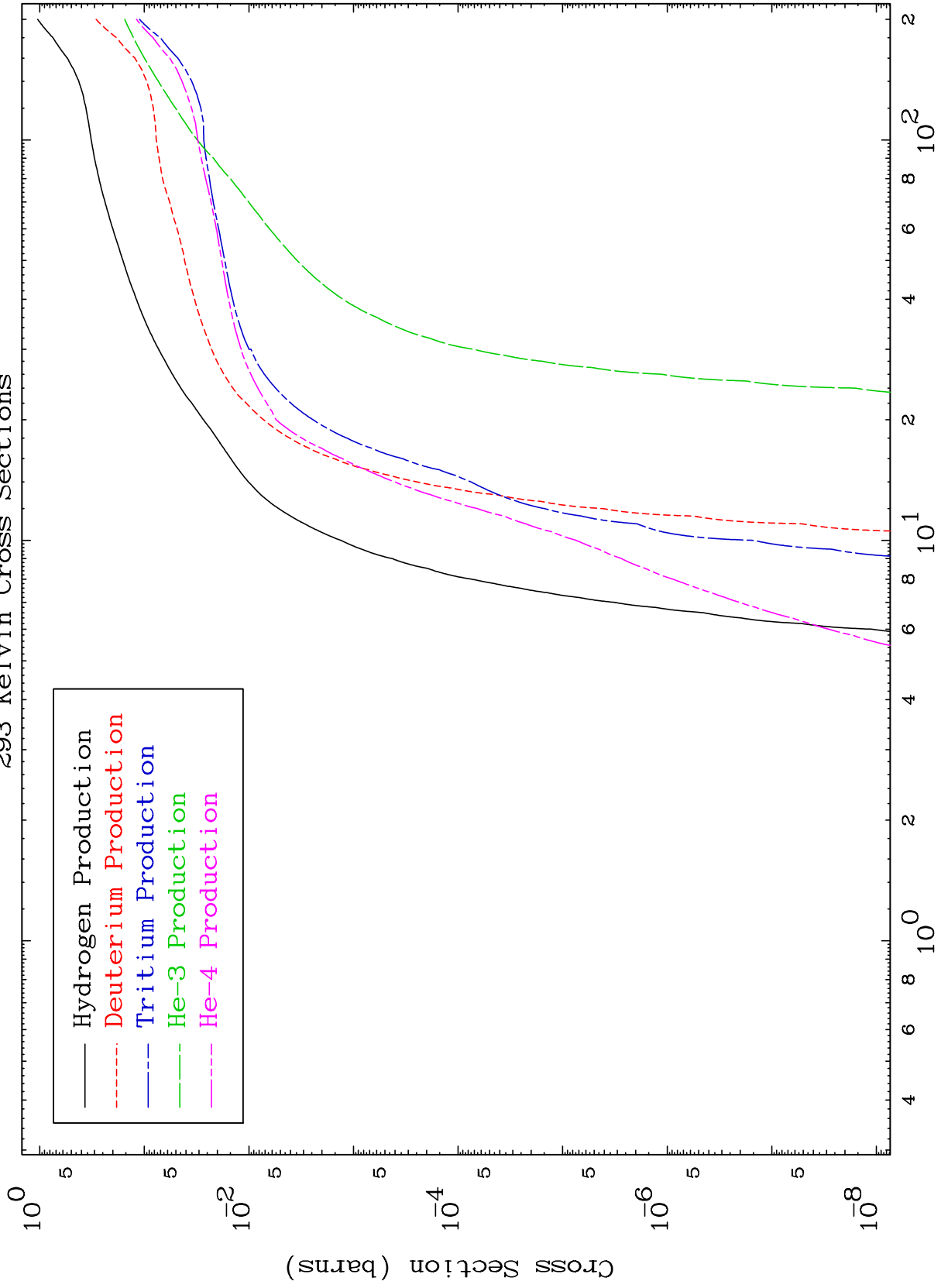




MAT 3546

Particle Production  
293 Kelvin Cross Sections

35-Br-86



6

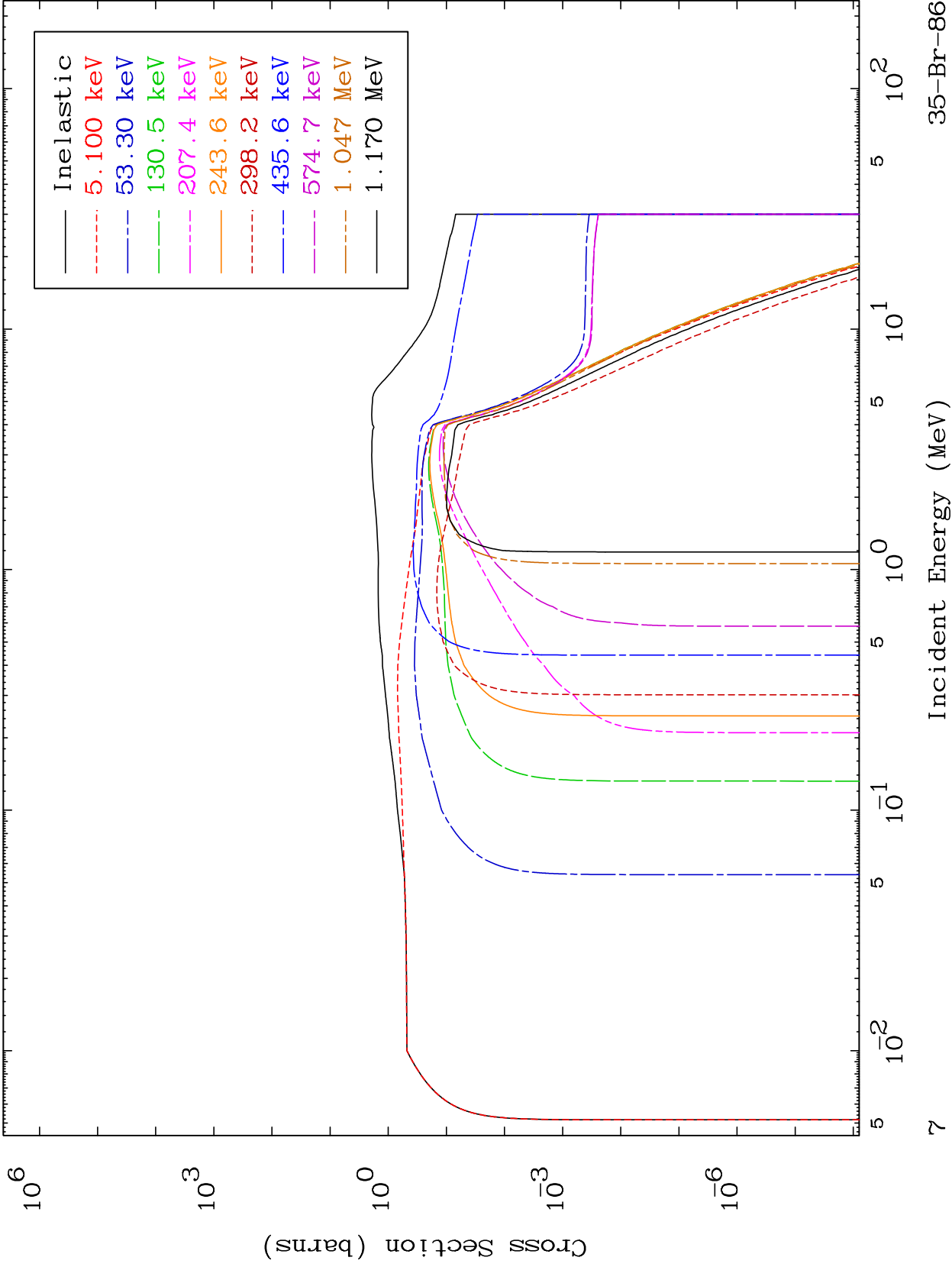
Incident Energy (MeV)

35-Br-86

MAT 3546

(n,n') Level  
293 Kelvin Cross Sections

35-Br-86



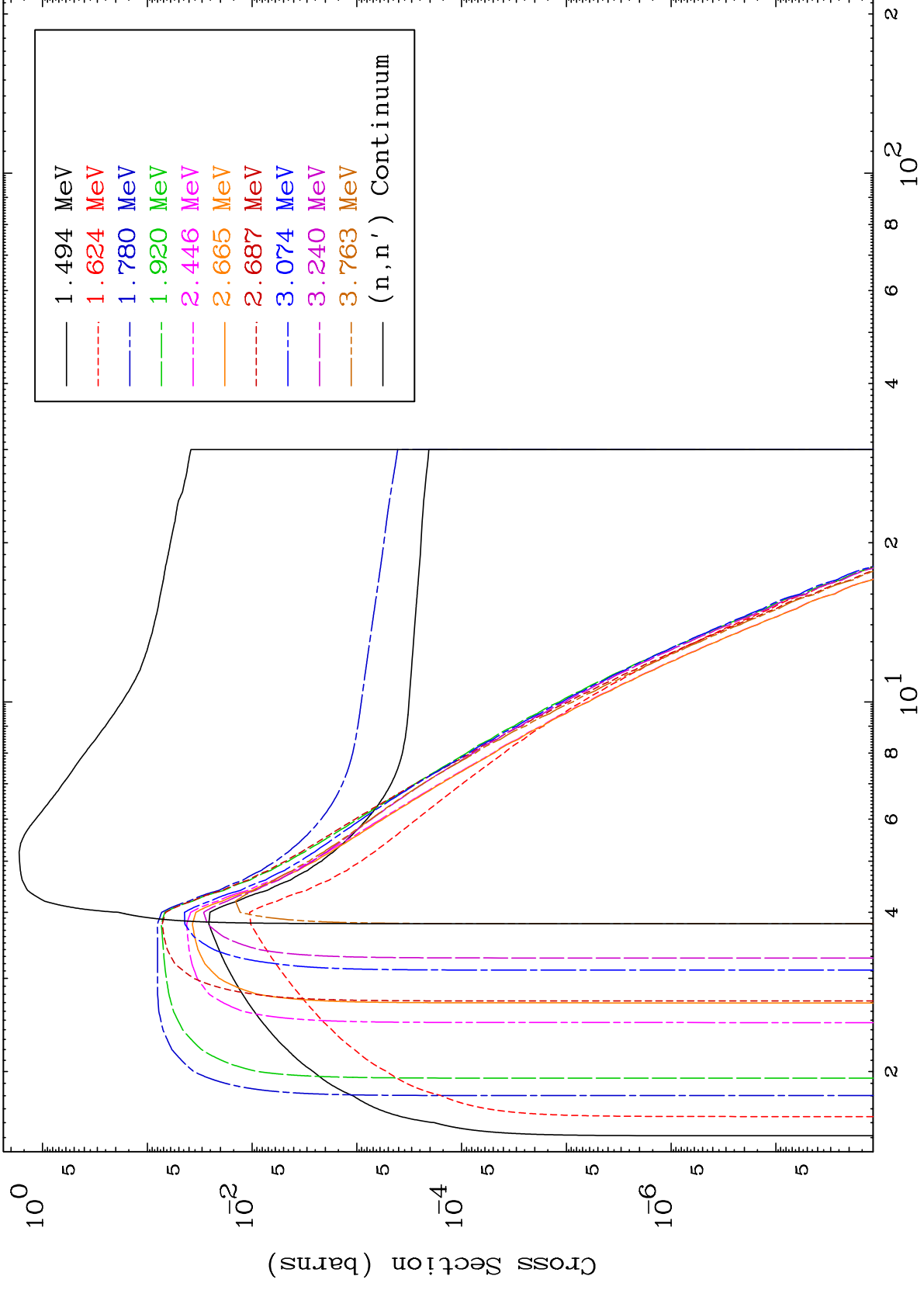


MAT 3546

(n,n') Level

35-Br-86

293 Kelvin Cross Sections



8

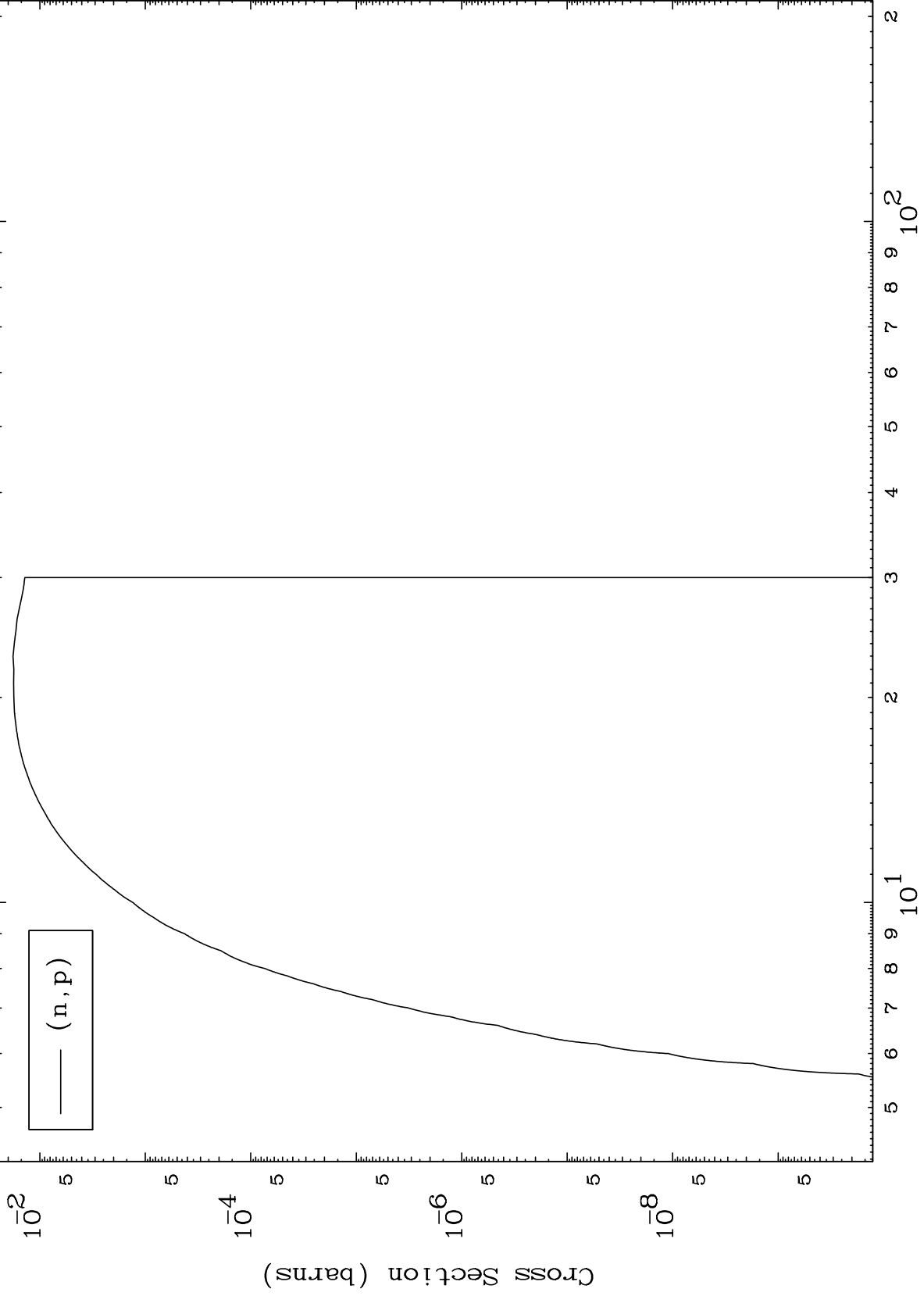
Incident Energy (MeV)

35-Br-86

MAT 3546

(n,p) Levels  
293 Kelvin Cross Sections

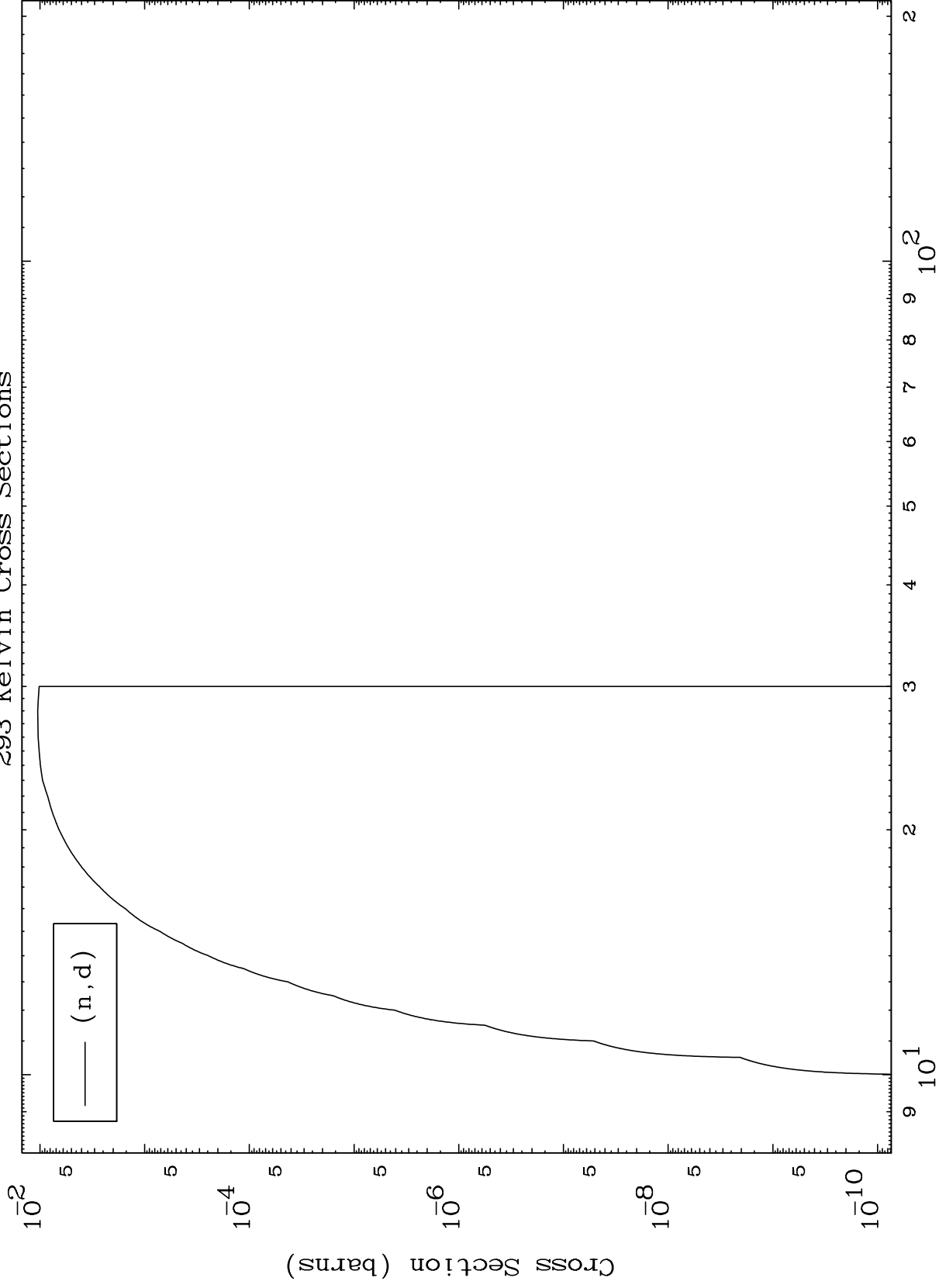
35-Br-86



MAT 3546

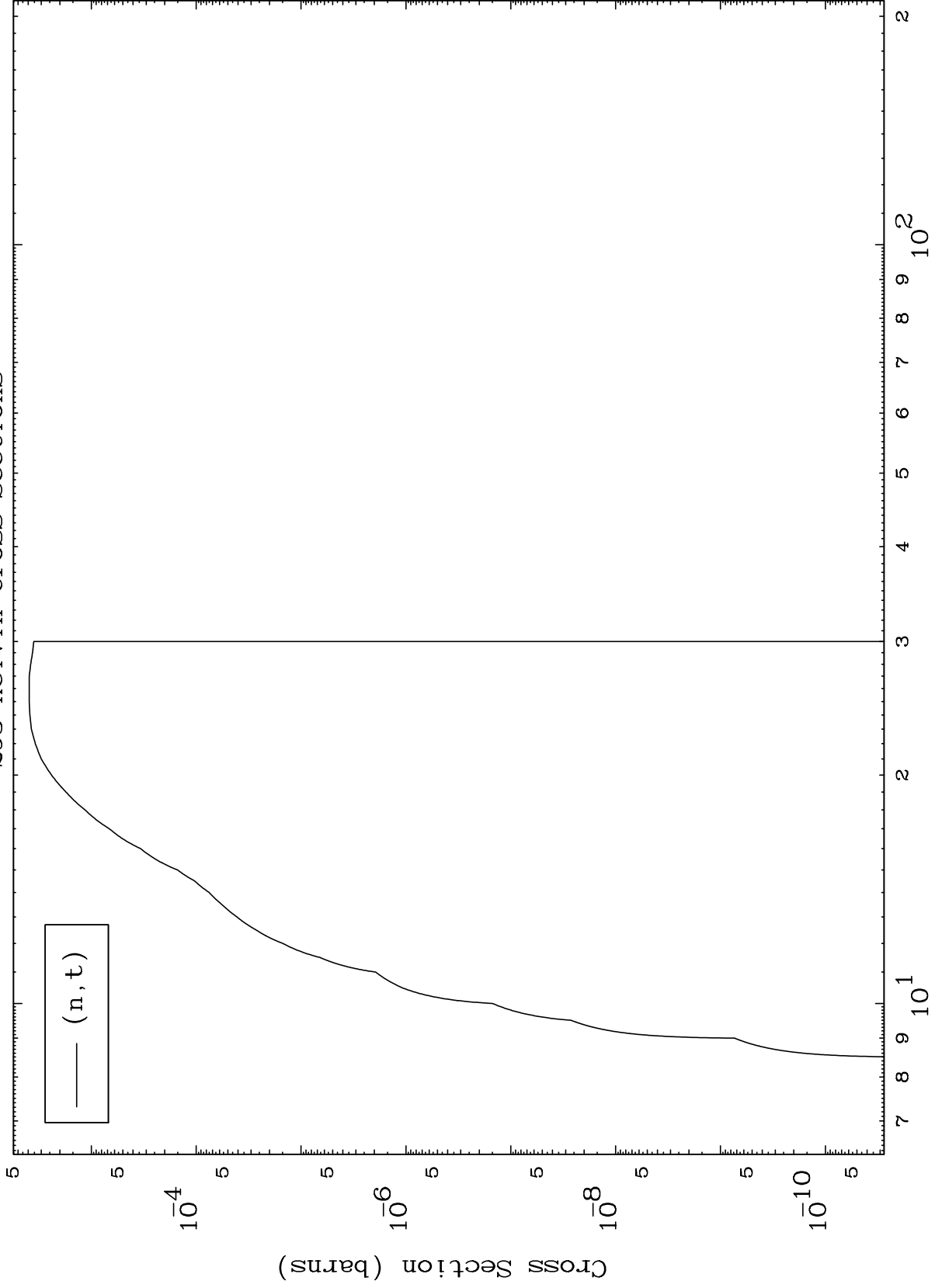
(n,d) Levels  
293 Kelvin Cross Sections

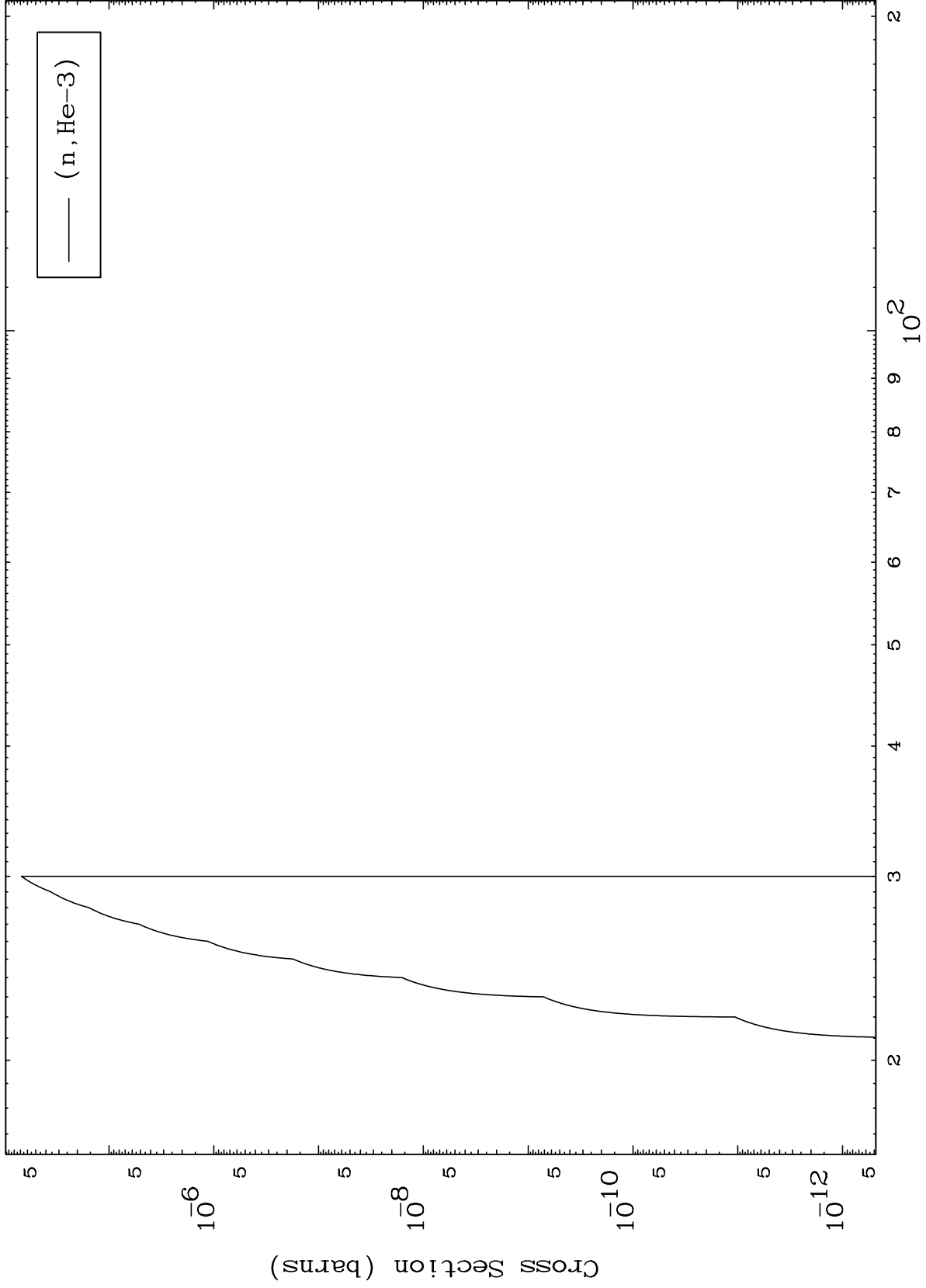
35-Br-86



Incident Energy (MeV)

35-Br-86

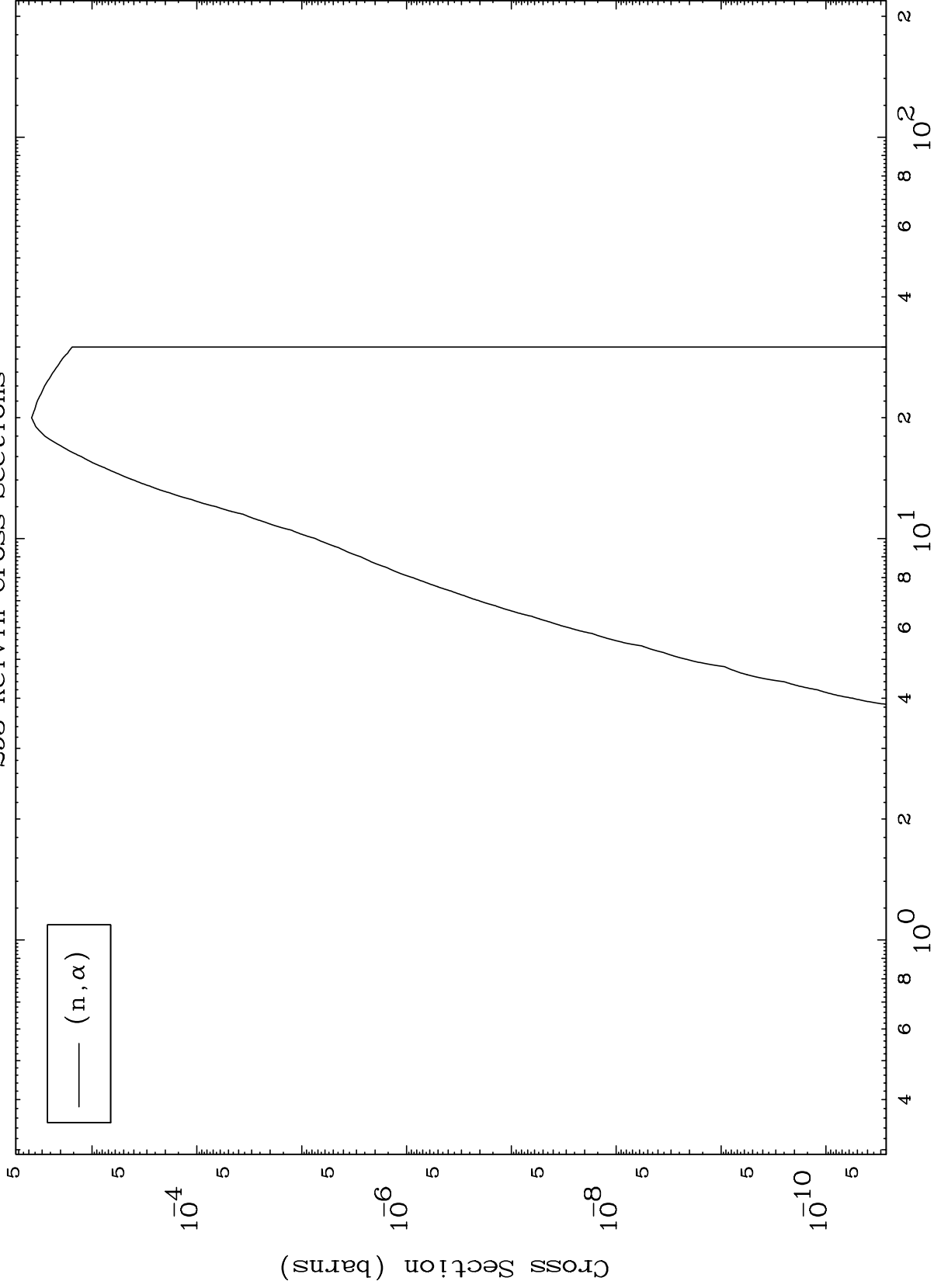




MAT 3546

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

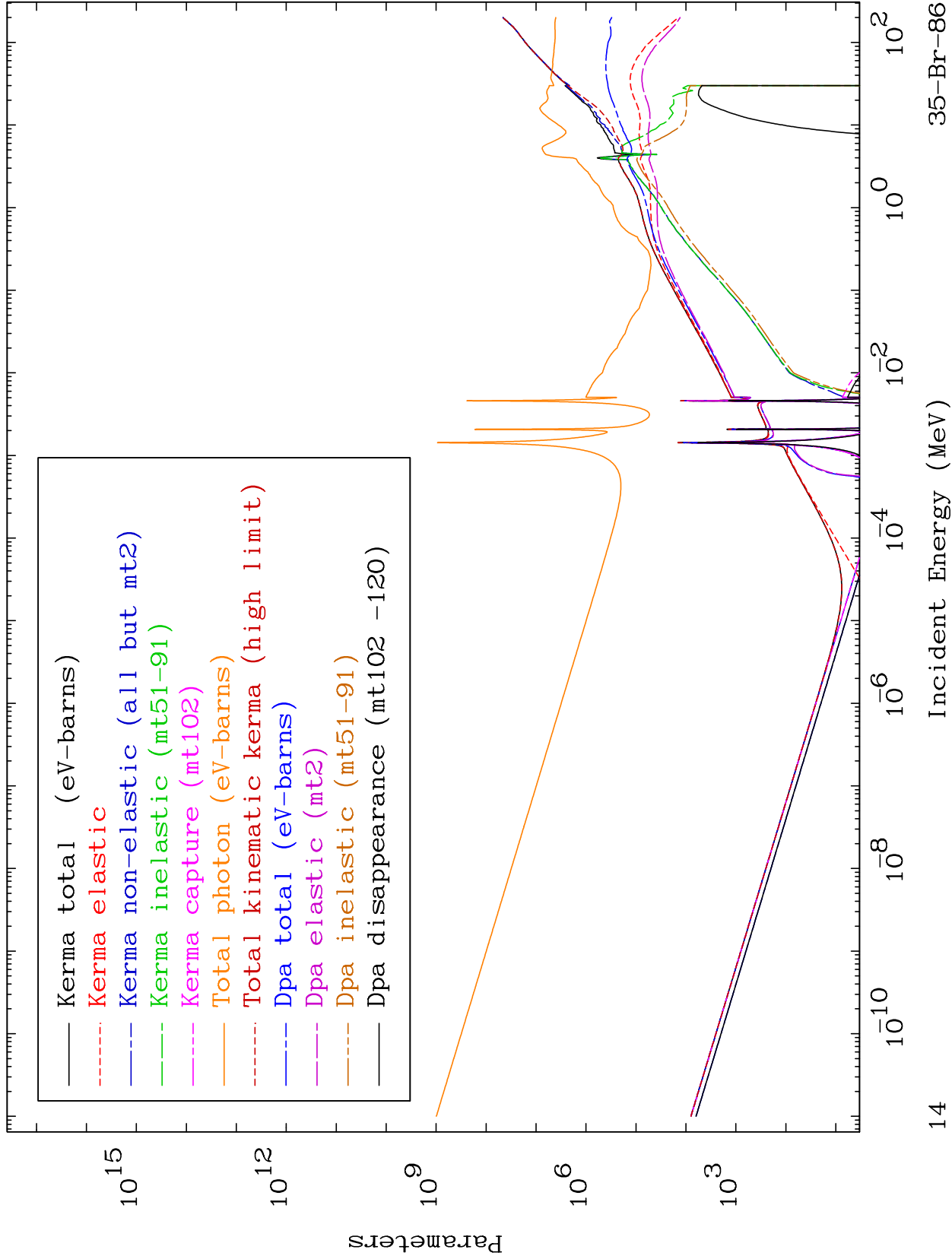
35-Br-86



13

Incident Energy (MeV)

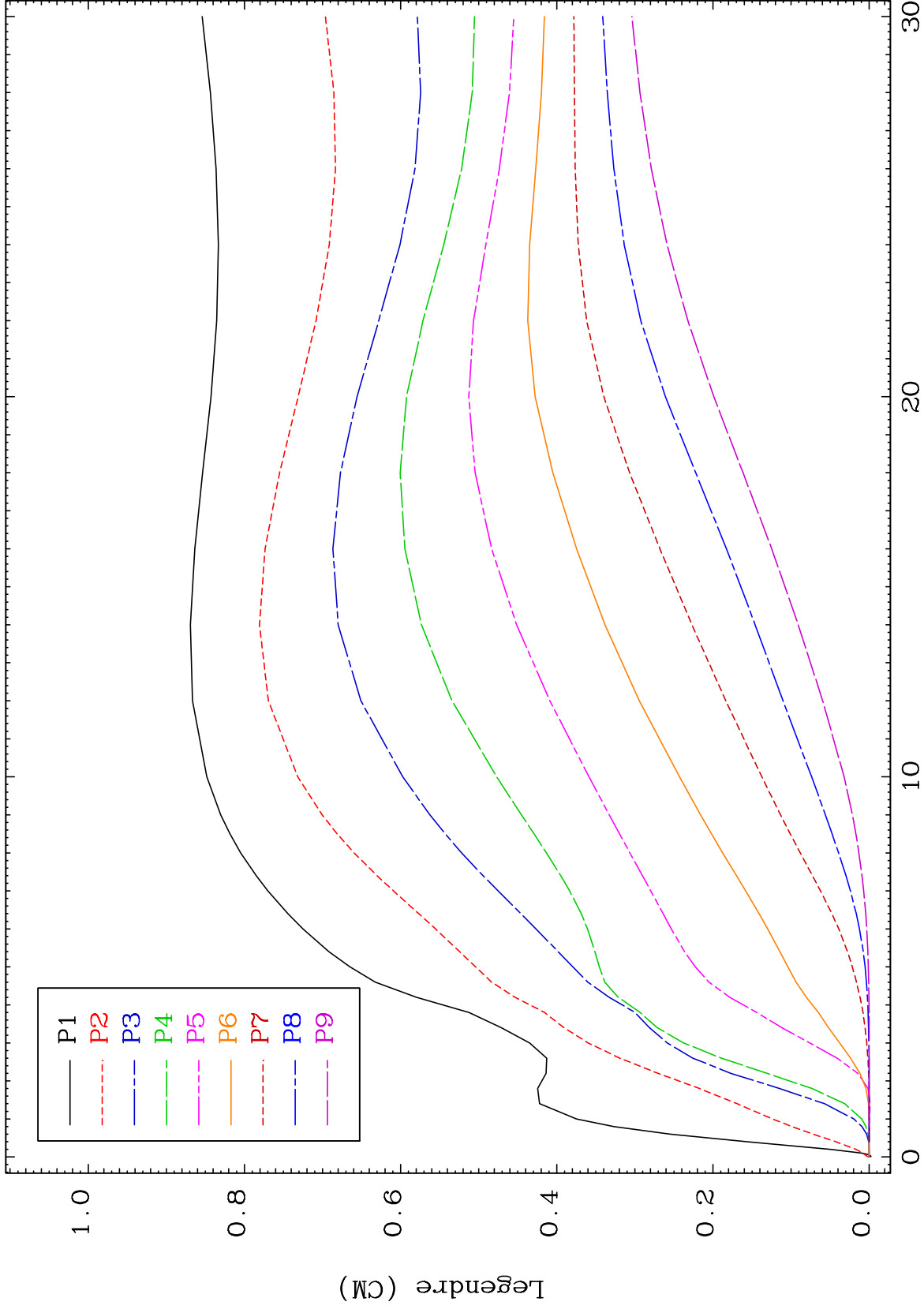
35-Br-86



MAT 3546

Elastic Legendre Coefficients

<sup>35</sup>Br-86



15

Incident Energy (MeV)

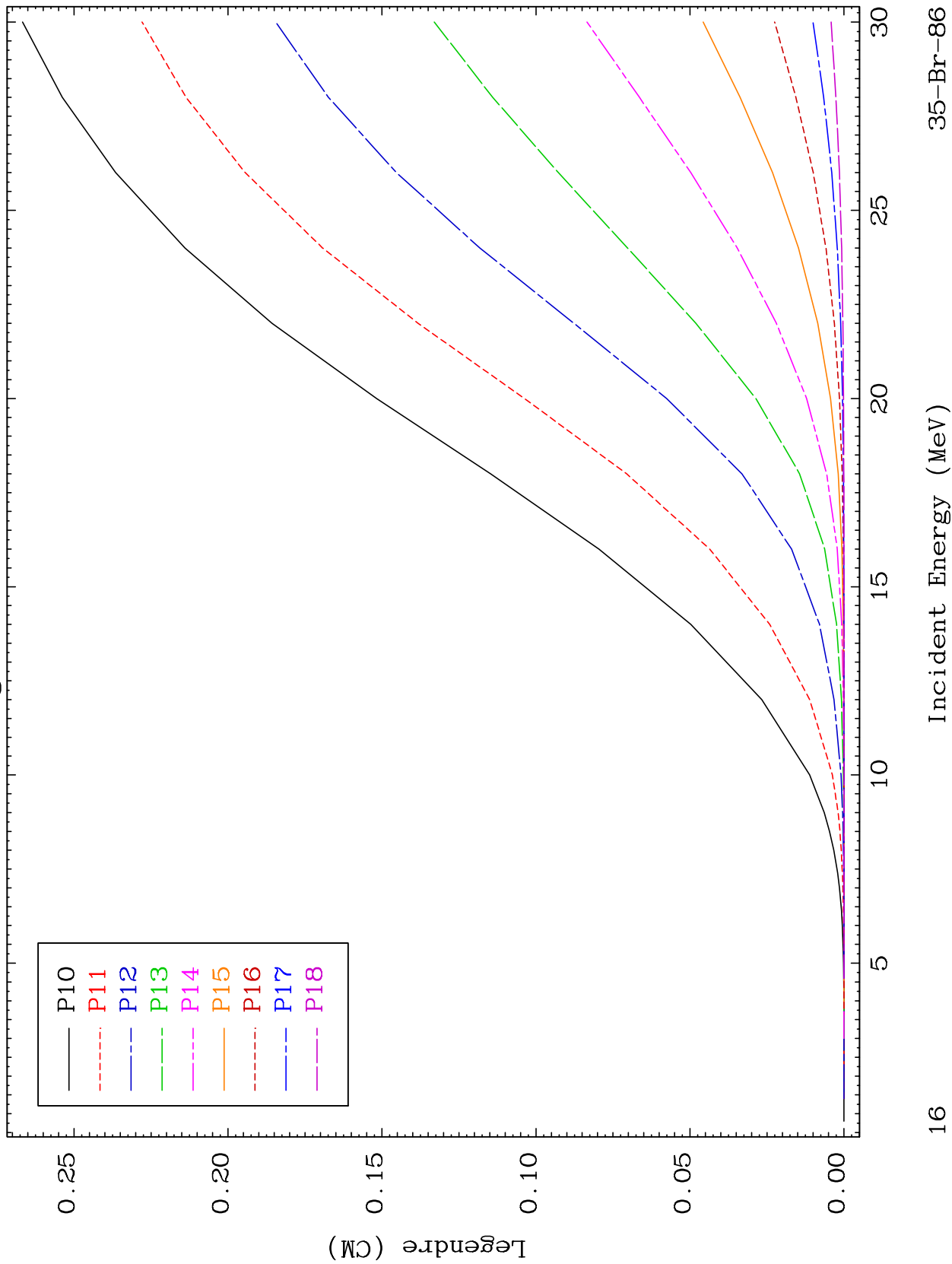
<sup>35</sup>Br-86



MAT 3546

Elastic Legendre Coefficients

<sup>35</sup>Br-86



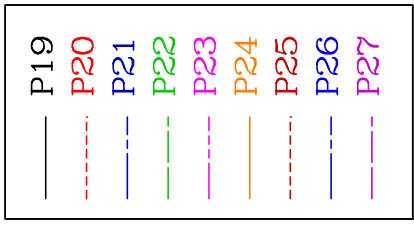
16

<sup>35</sup>Br-86

MAT 3546

Elastic Legendre Coefficients

<sup>35</sup>Br-86



$\times 10^{-3}$

Legendre (CM)

1.5

1.0

0.5

0.0

10

15

20

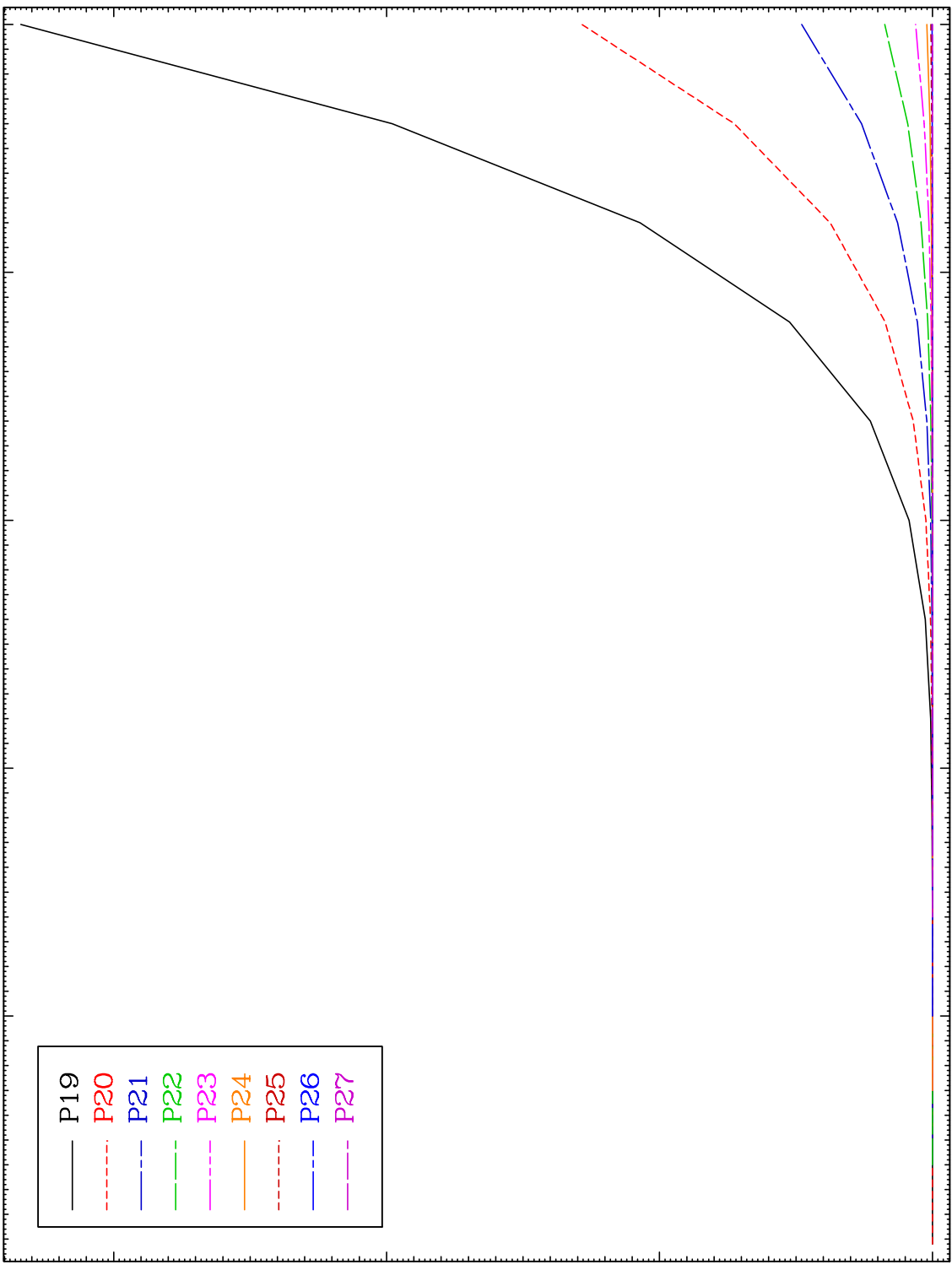
25

30

17

Incident Energy (MeV)

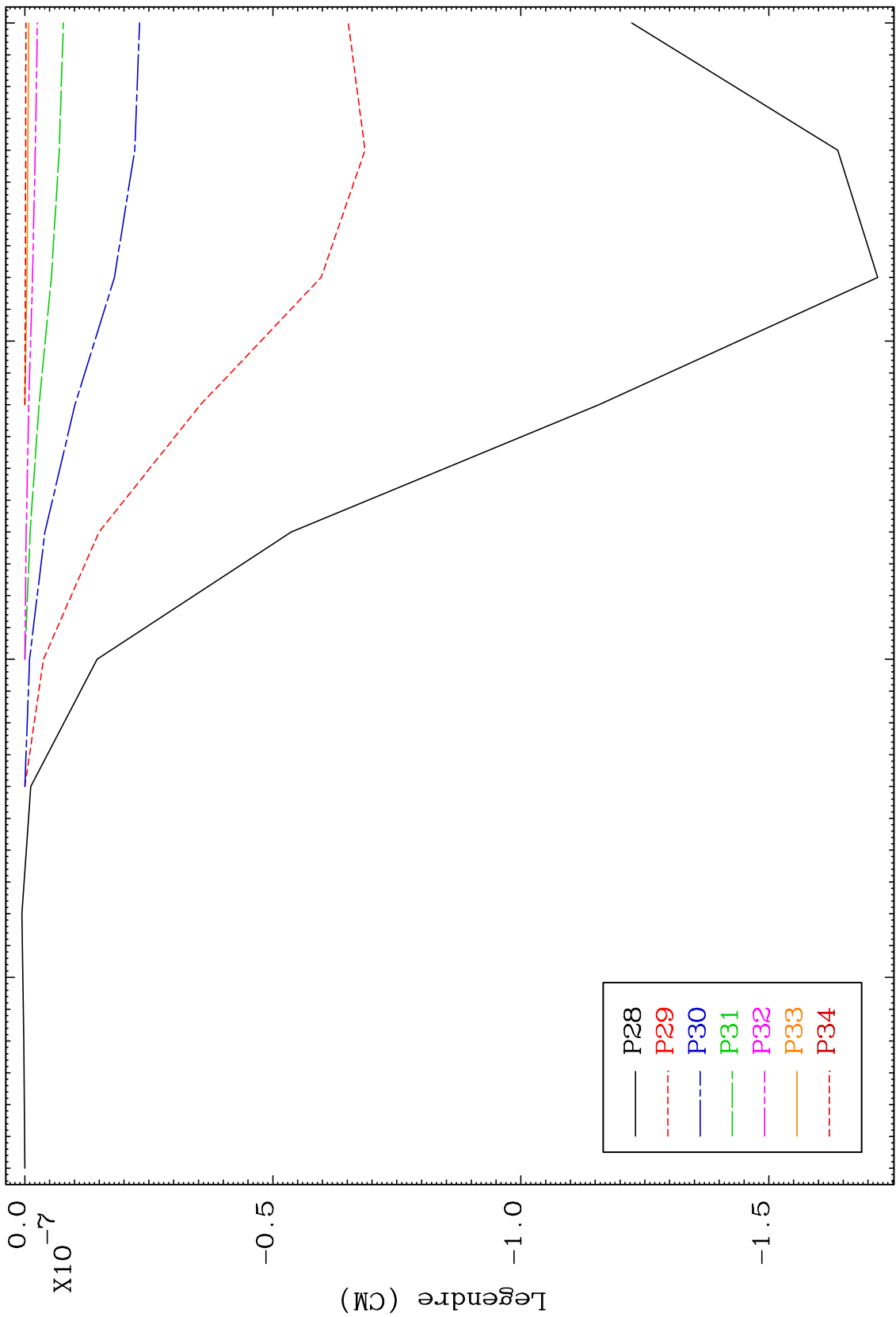
<sup>35</sup>Br-86



MAT 3546

35-Br-86

Elastic Legendre Coefficients

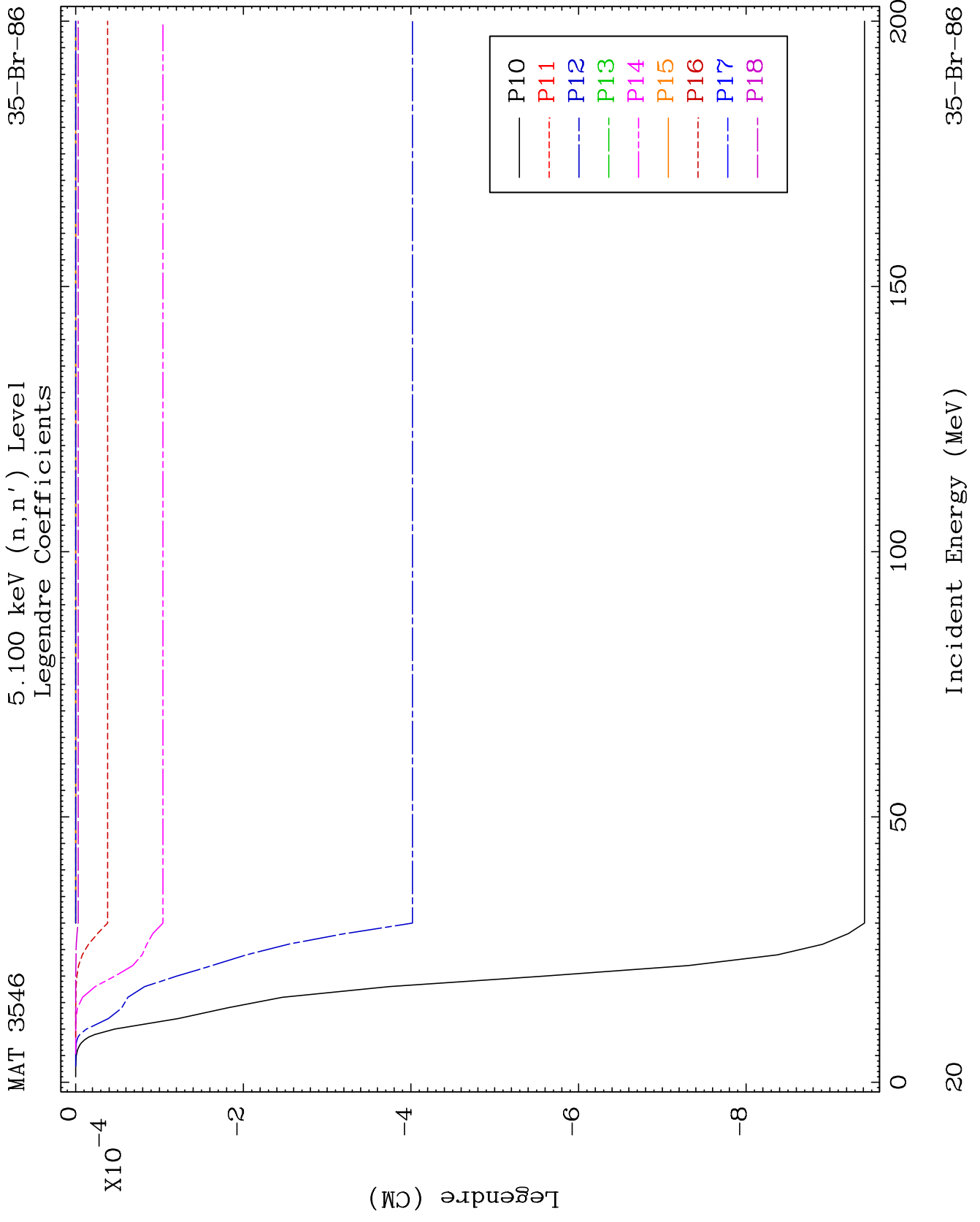


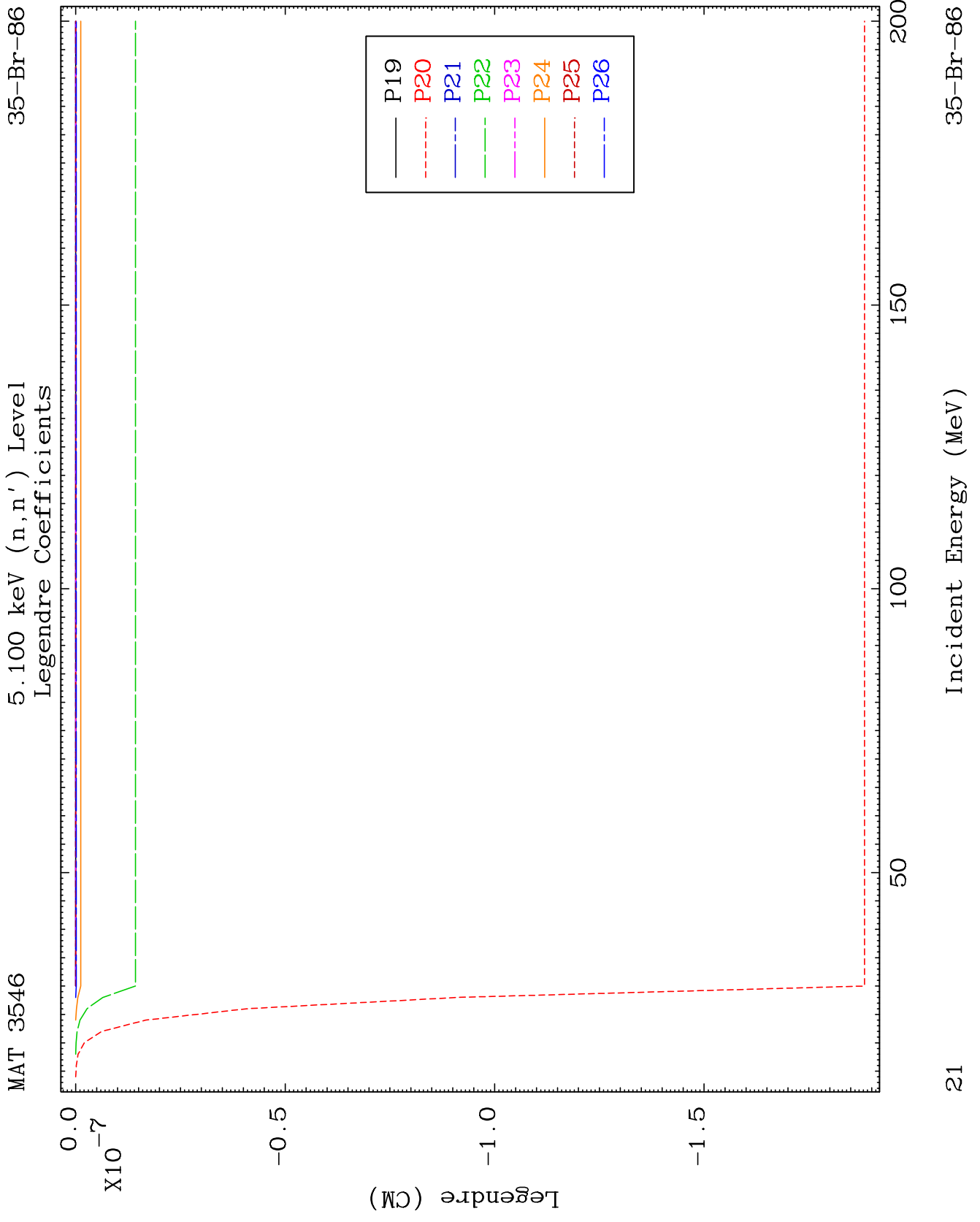
18

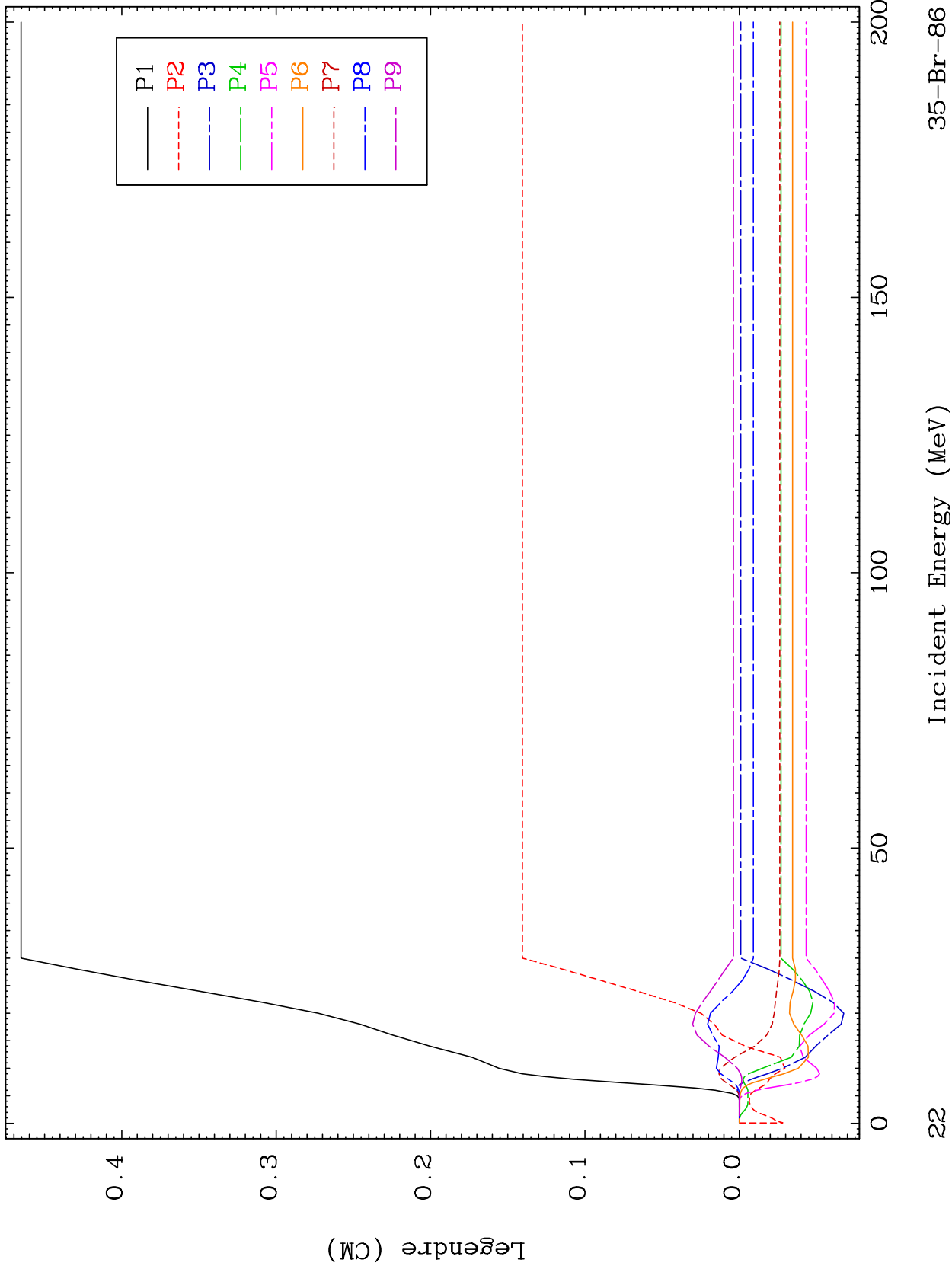
Incident Energy (MeV)

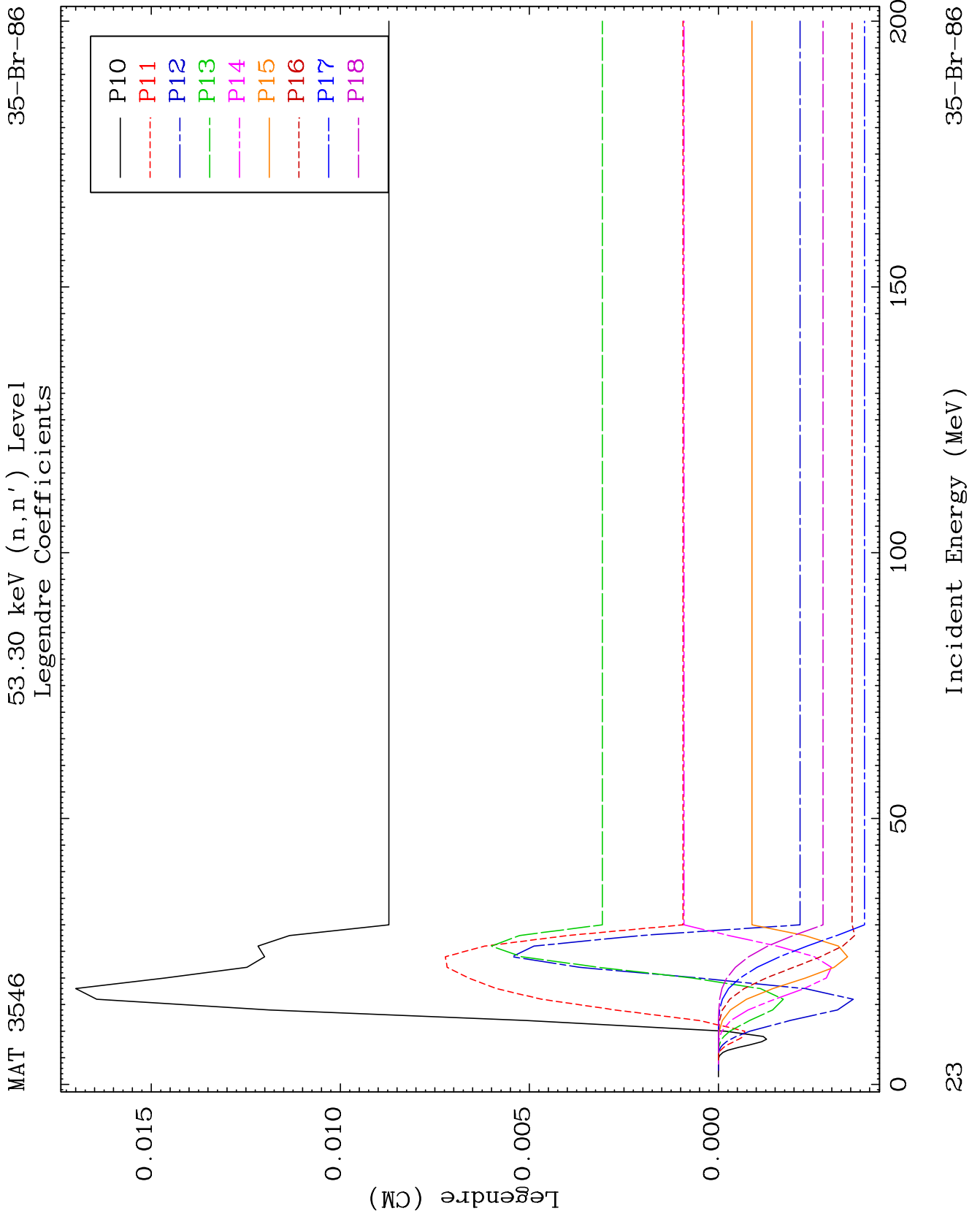
35-Br-86



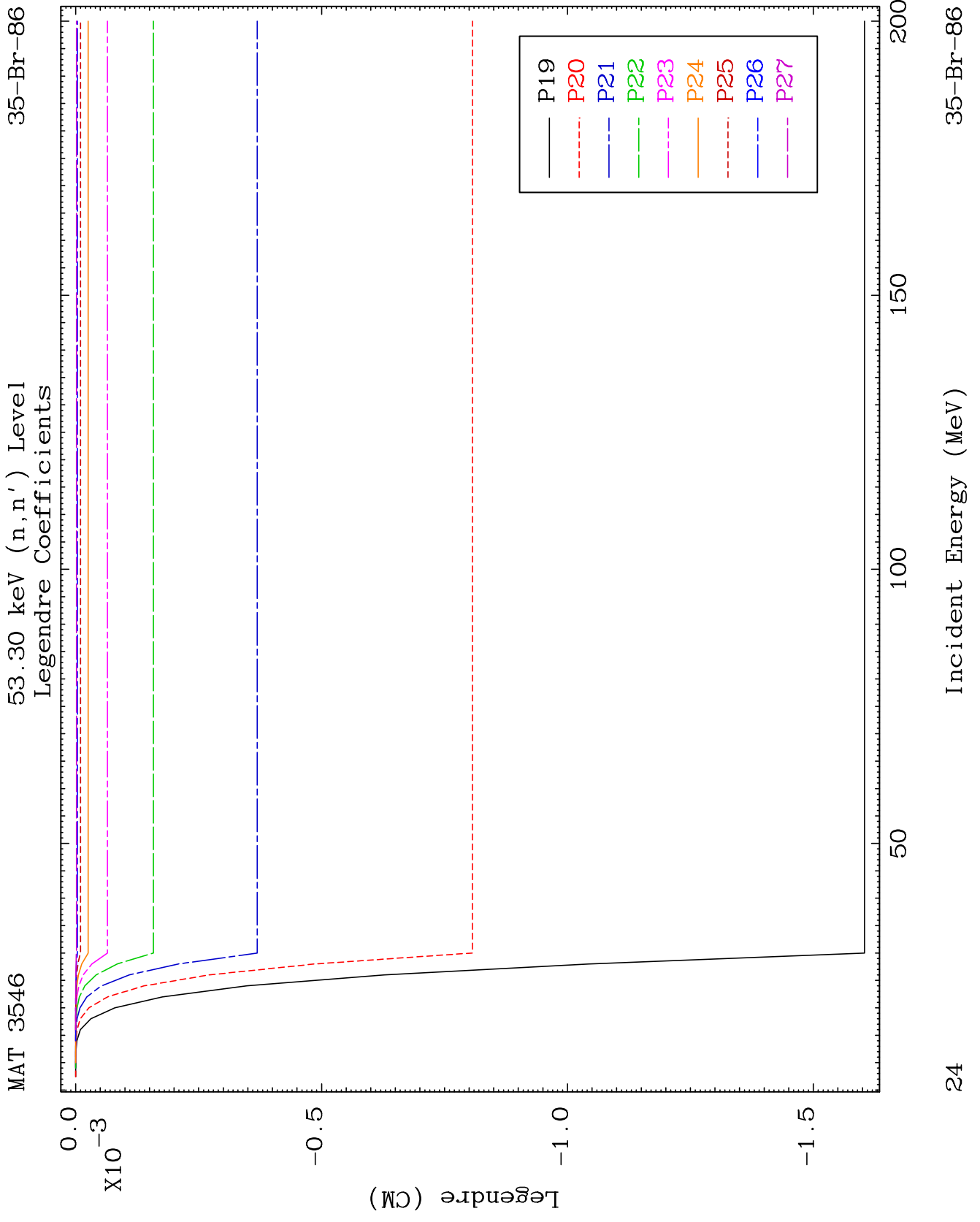


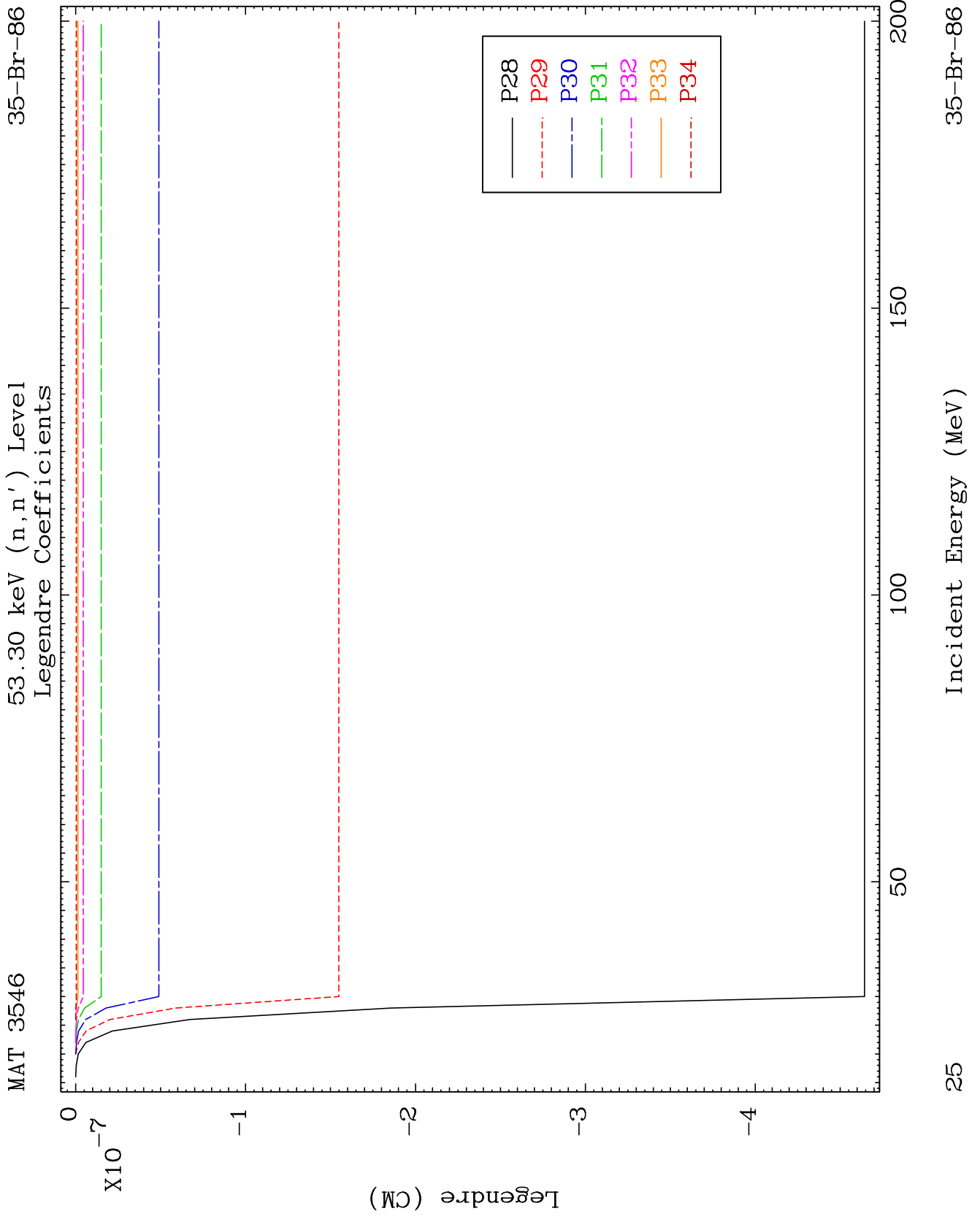


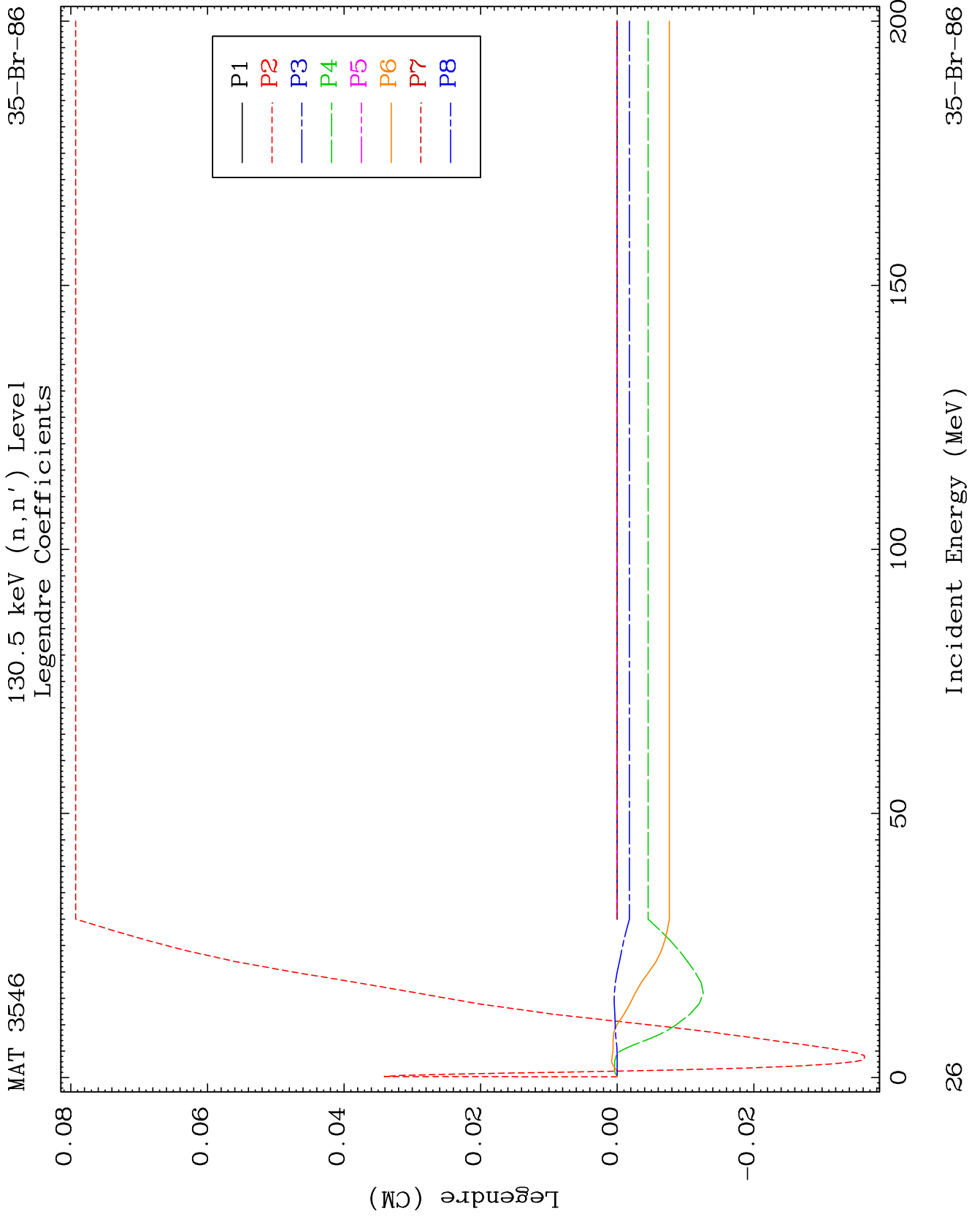


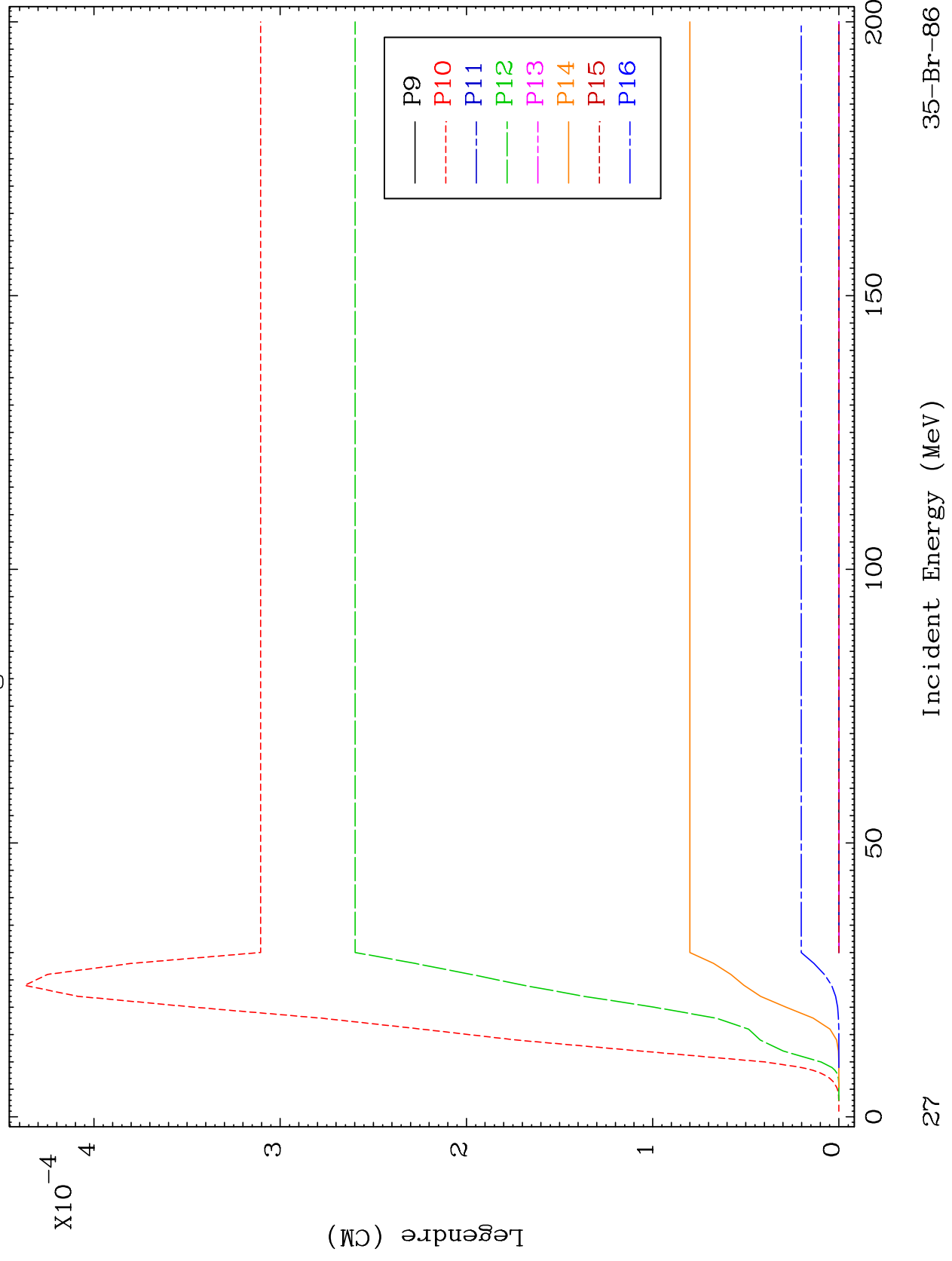










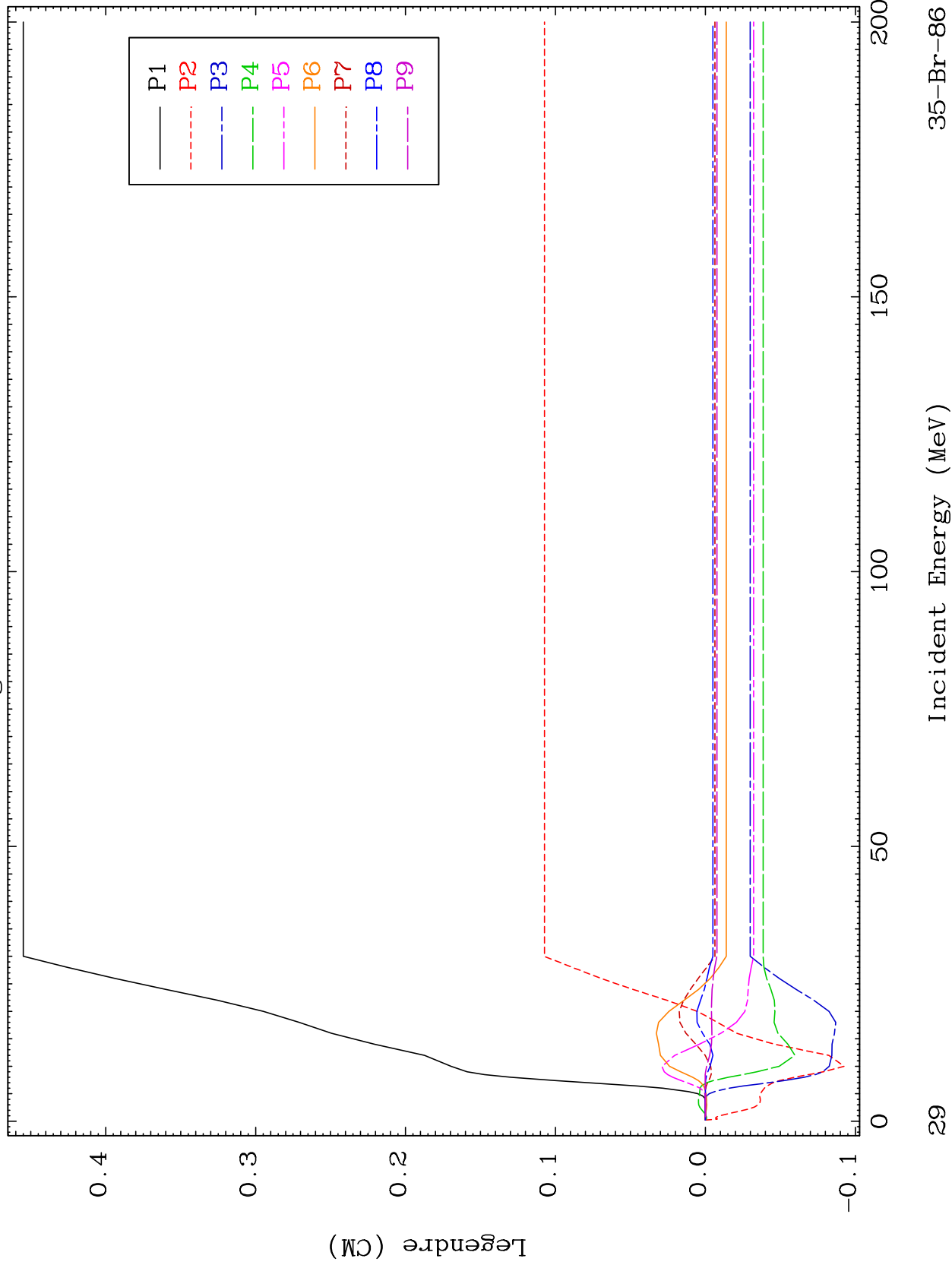




MAT 3546

207.4 keV (n,n') Level  
Legendre Coefficients

35-Br-86

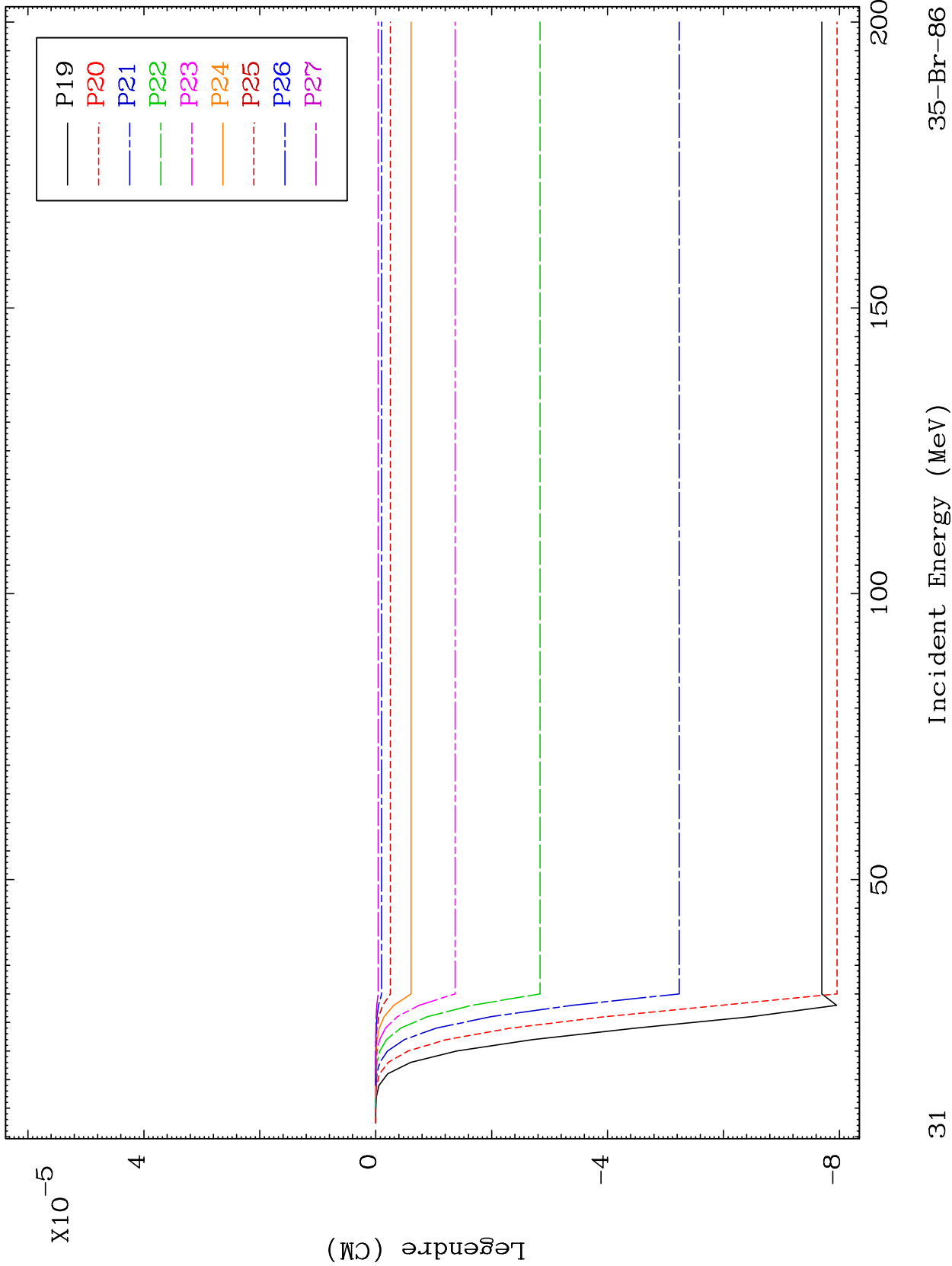


29

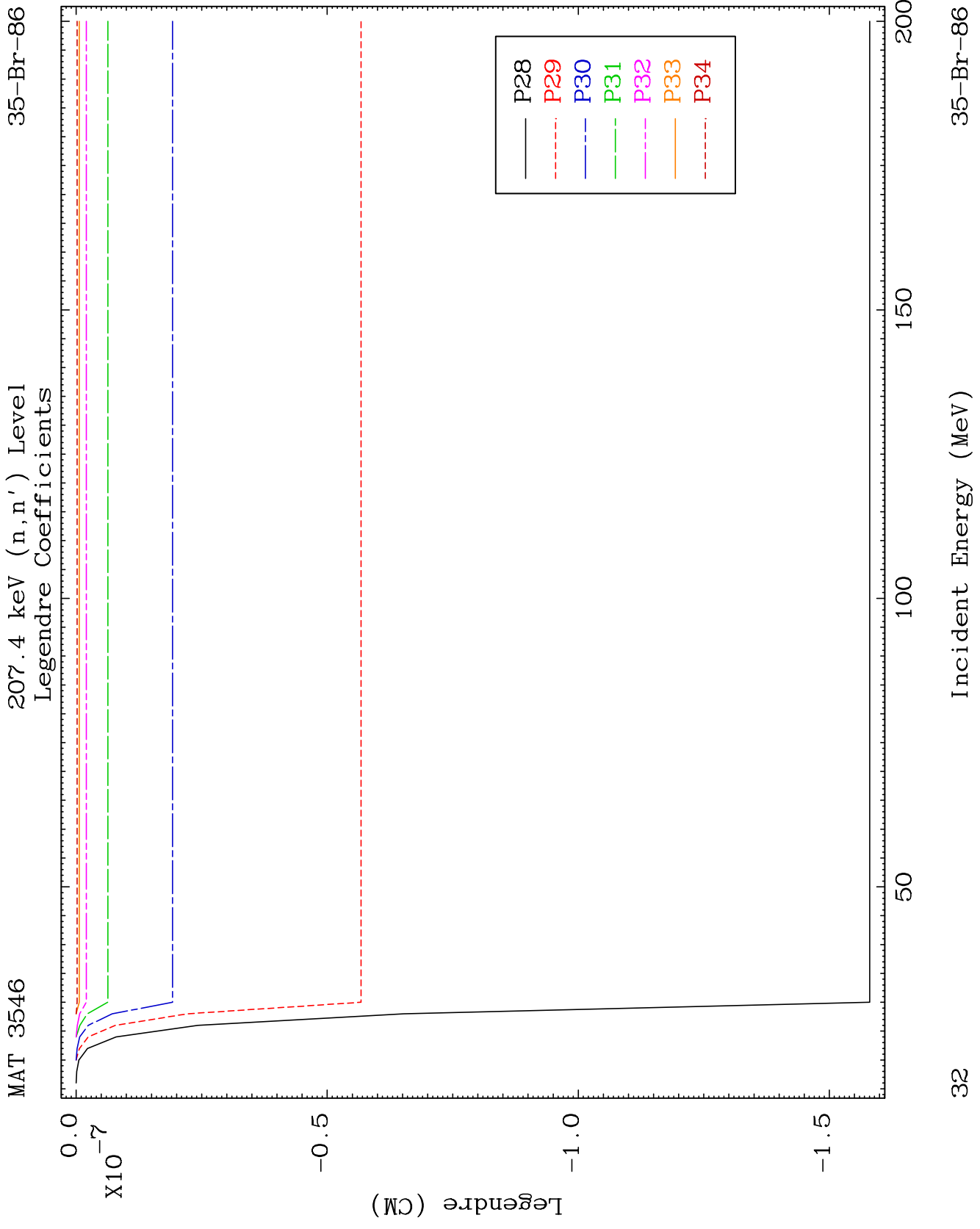
Incident Energy (MeV)

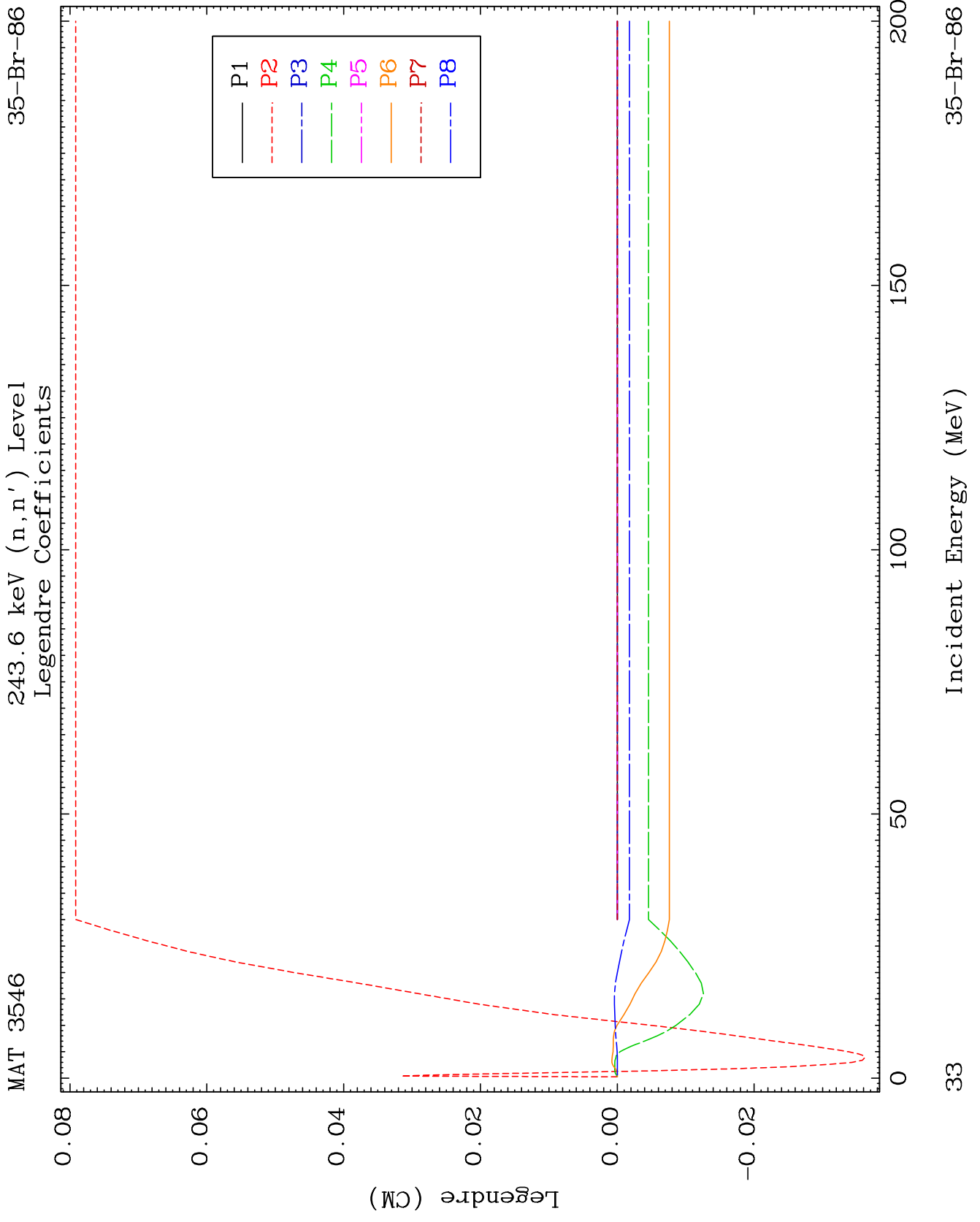
35-Br-86

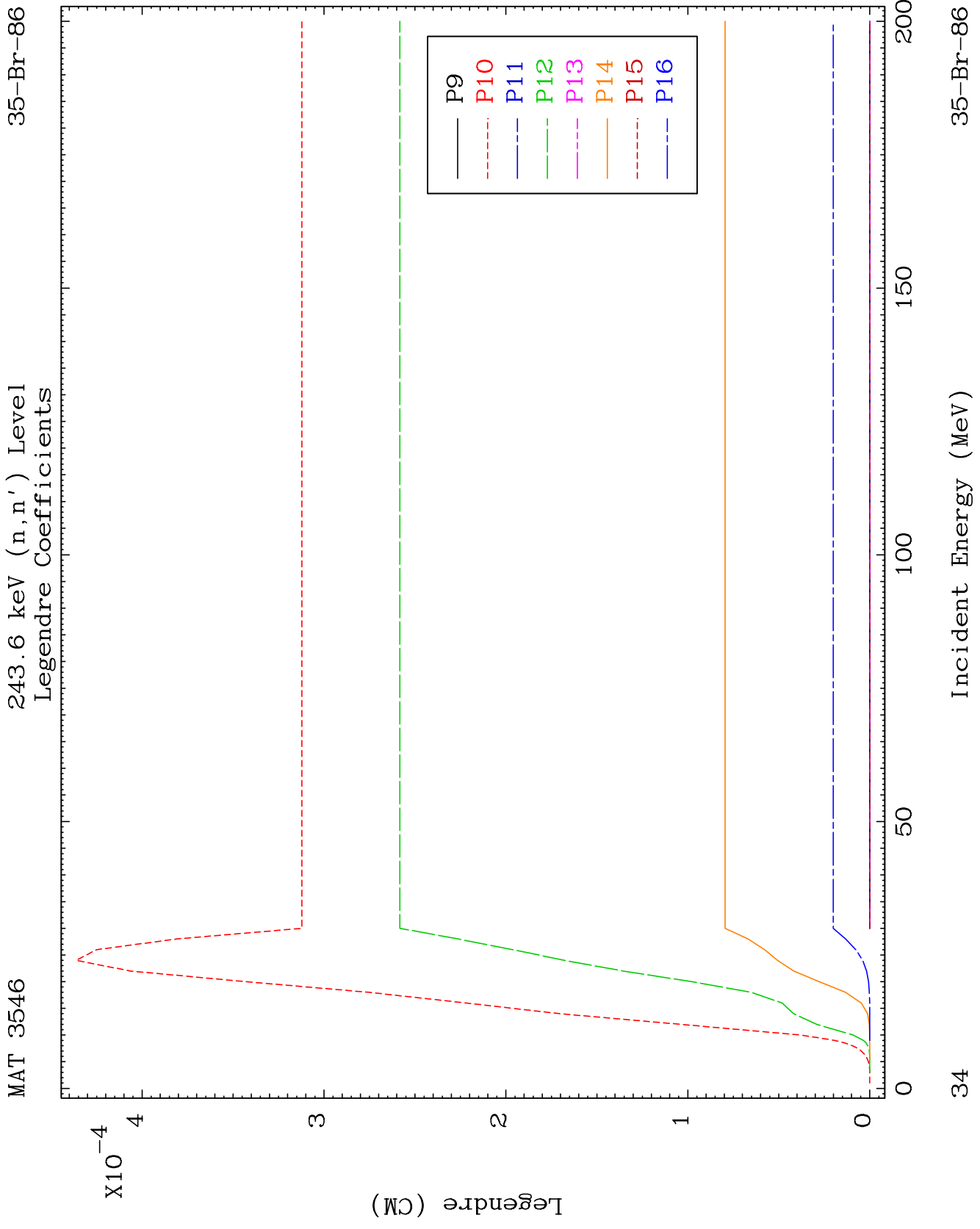








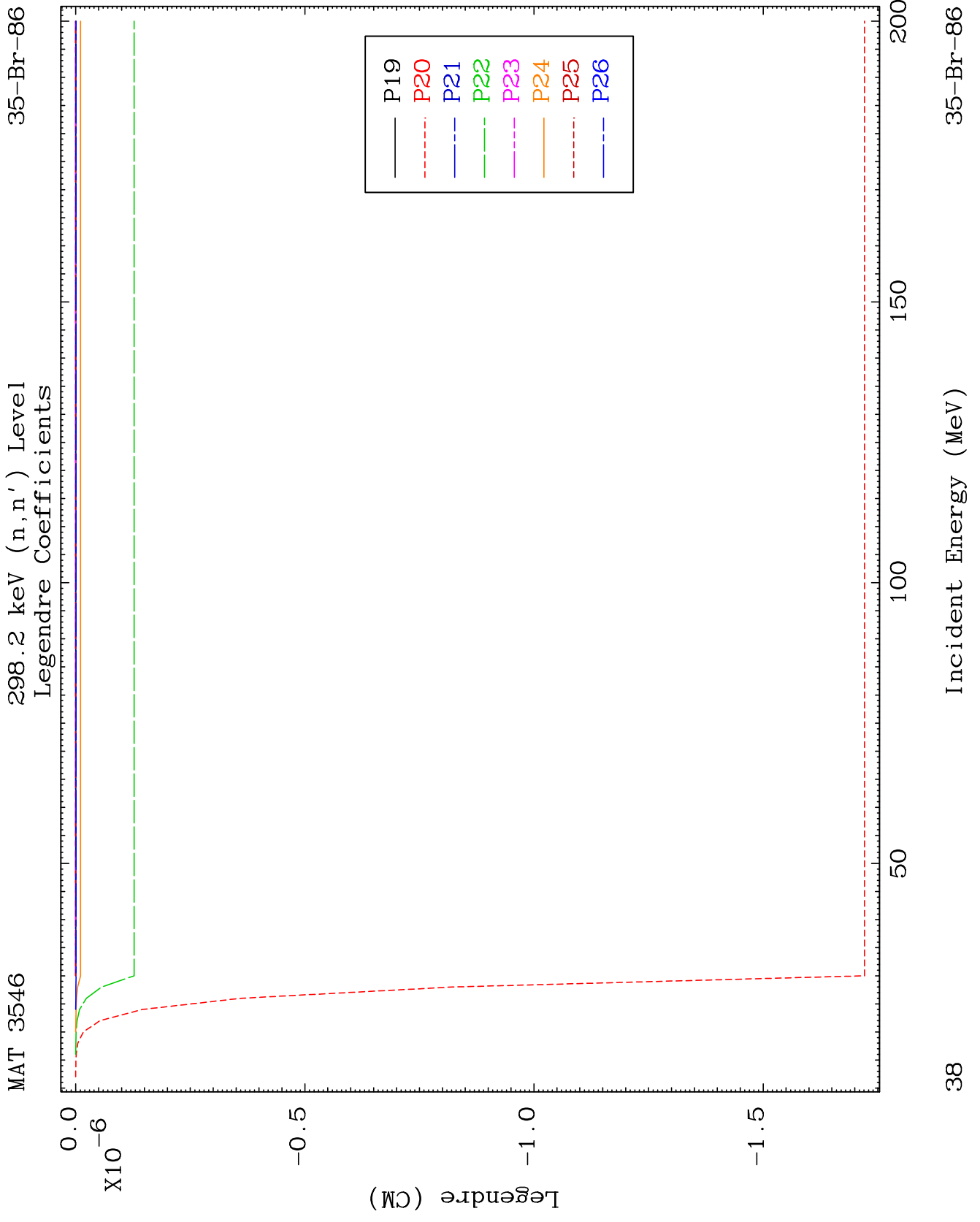












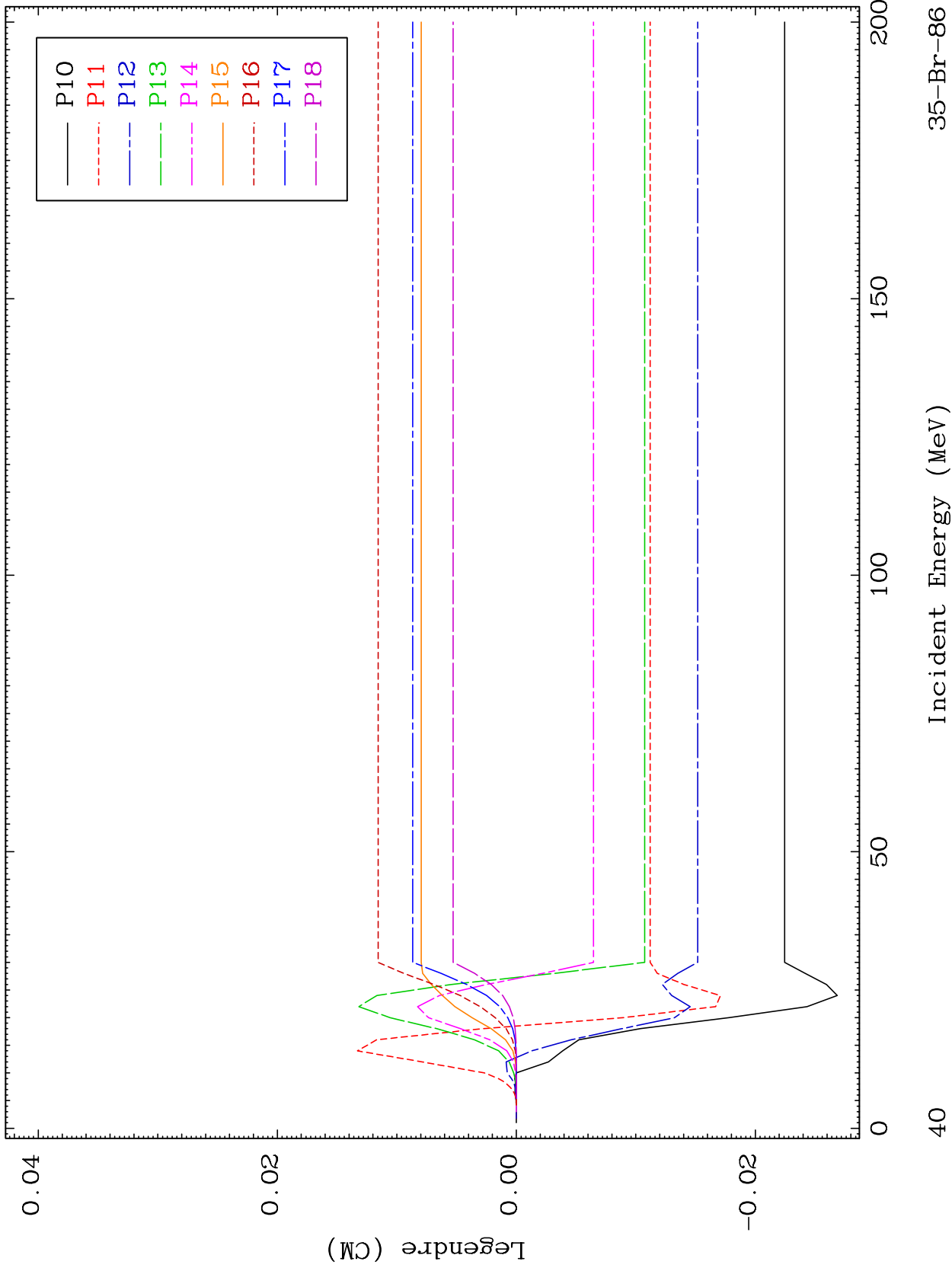


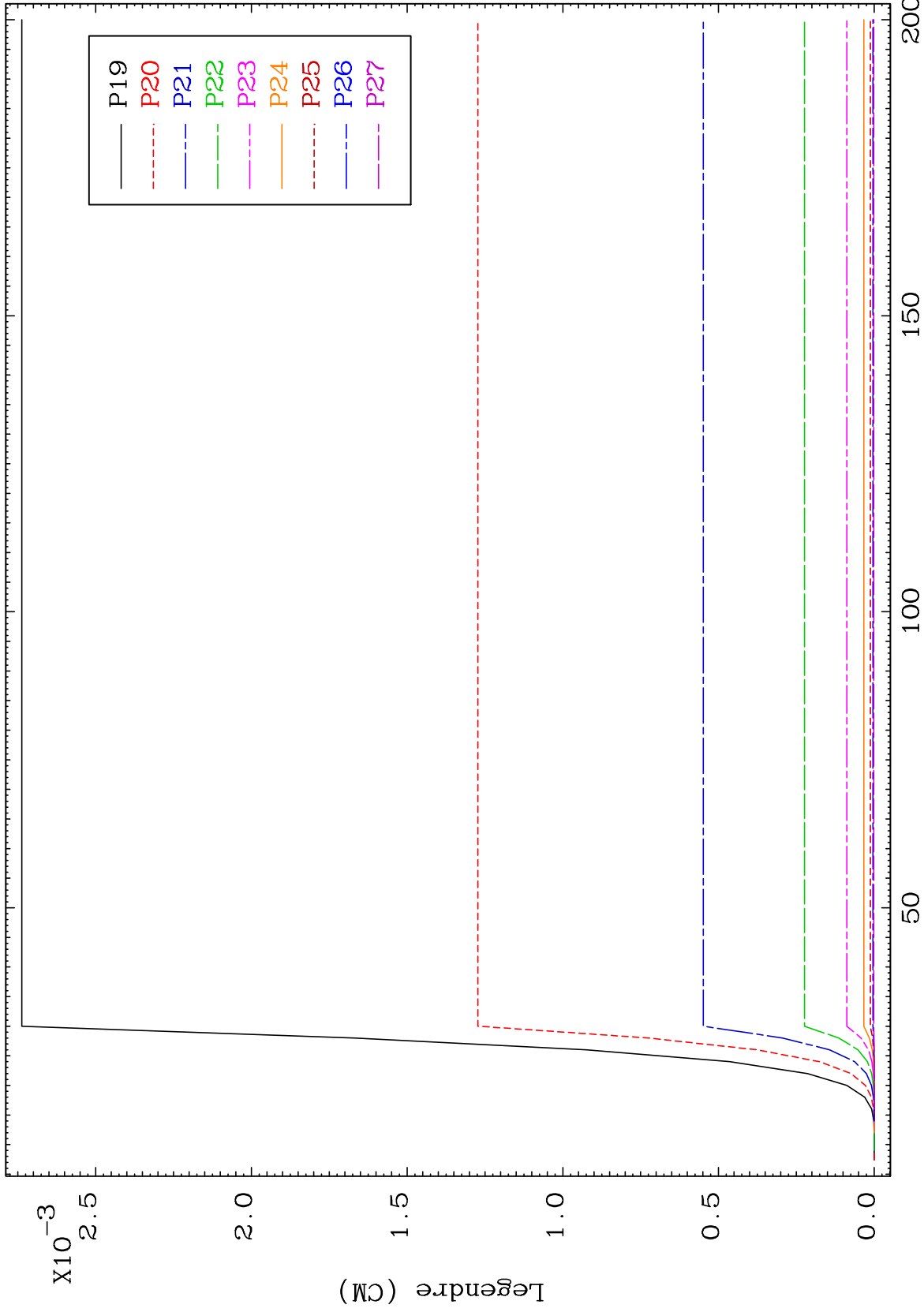


MAT 3546

435.6 keV (n,n') Level  
Legendre Coefficients

35-Br-86

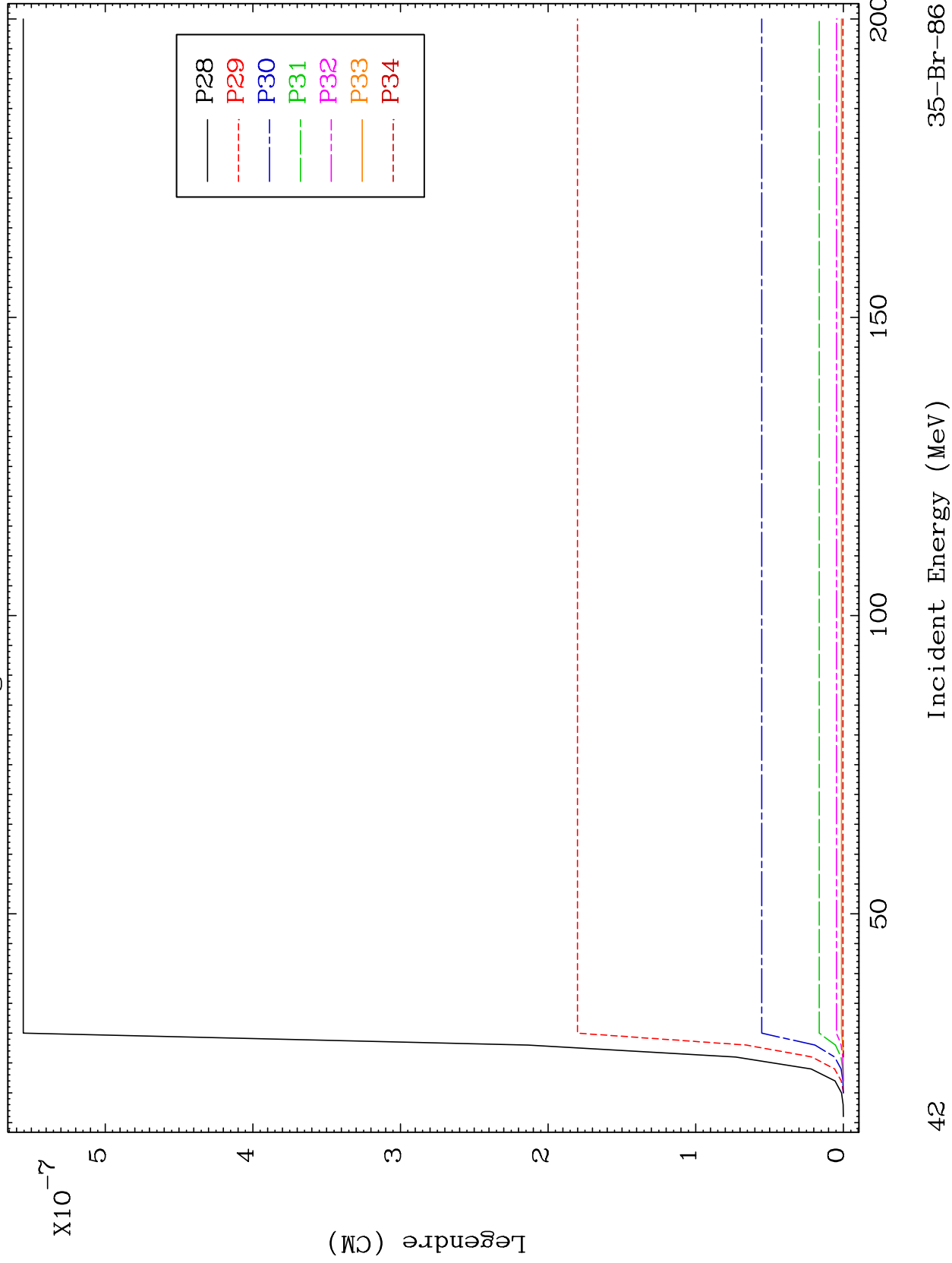




MAT 3546

435.6 keV (n,n') Level  
Legendre Coefficients

35-Br-86



42

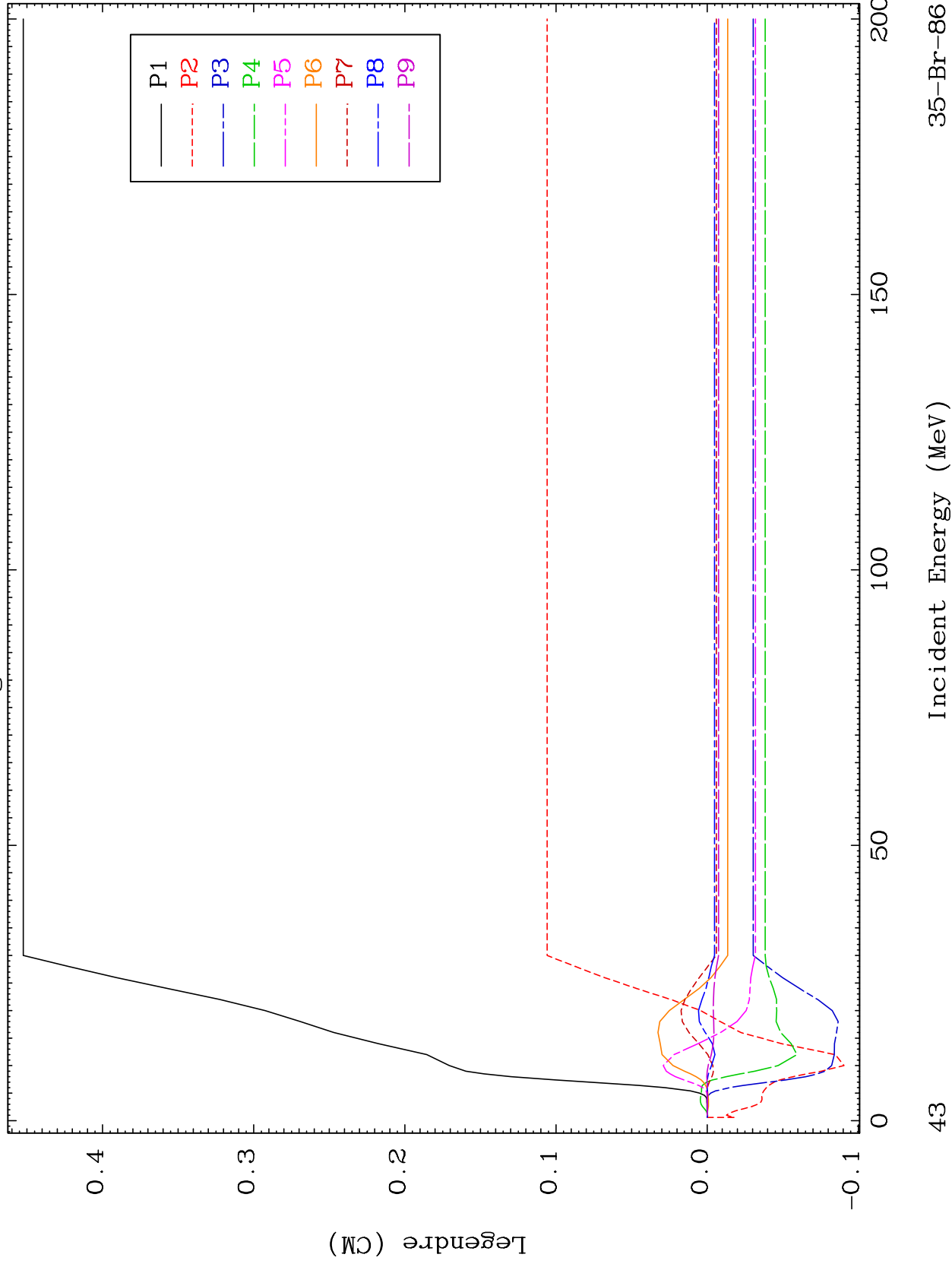
Incident Energy (MeV)

35-Br-86

MAT 3546

574.7 keV (n,n') Level  
Legendre Coefficients

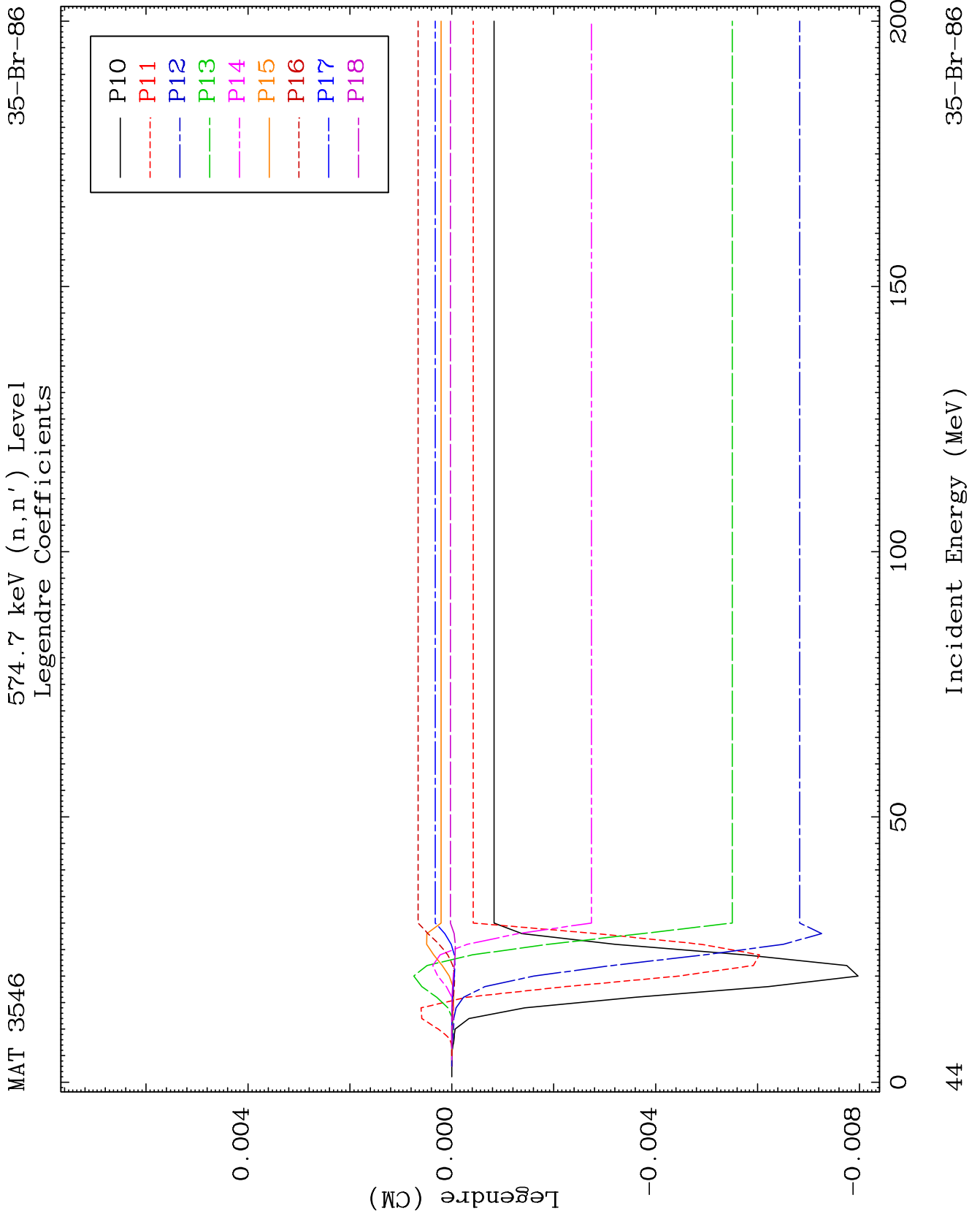
35-Br-86



35-Br-86

Incident Energy (MeV)

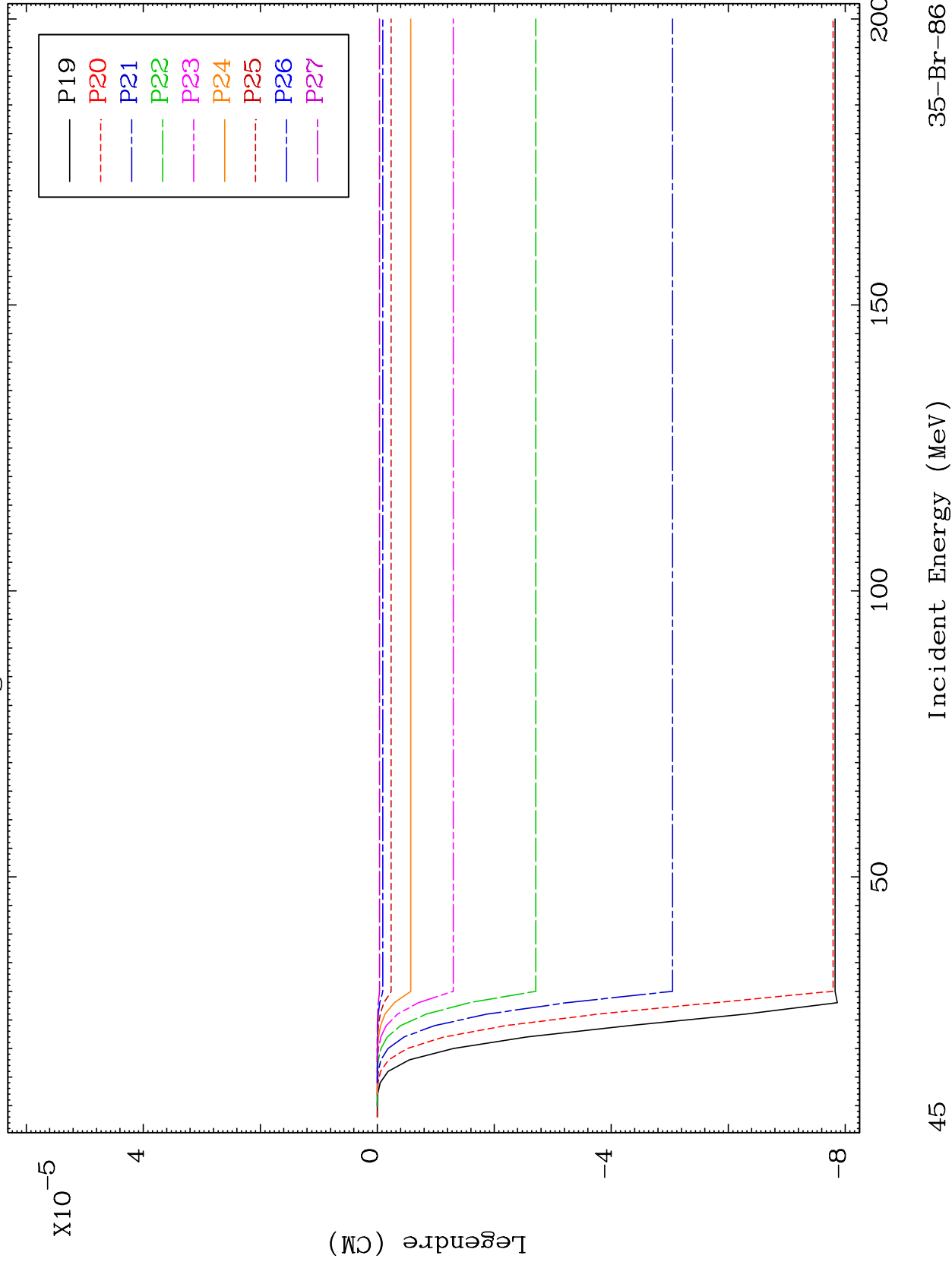
43

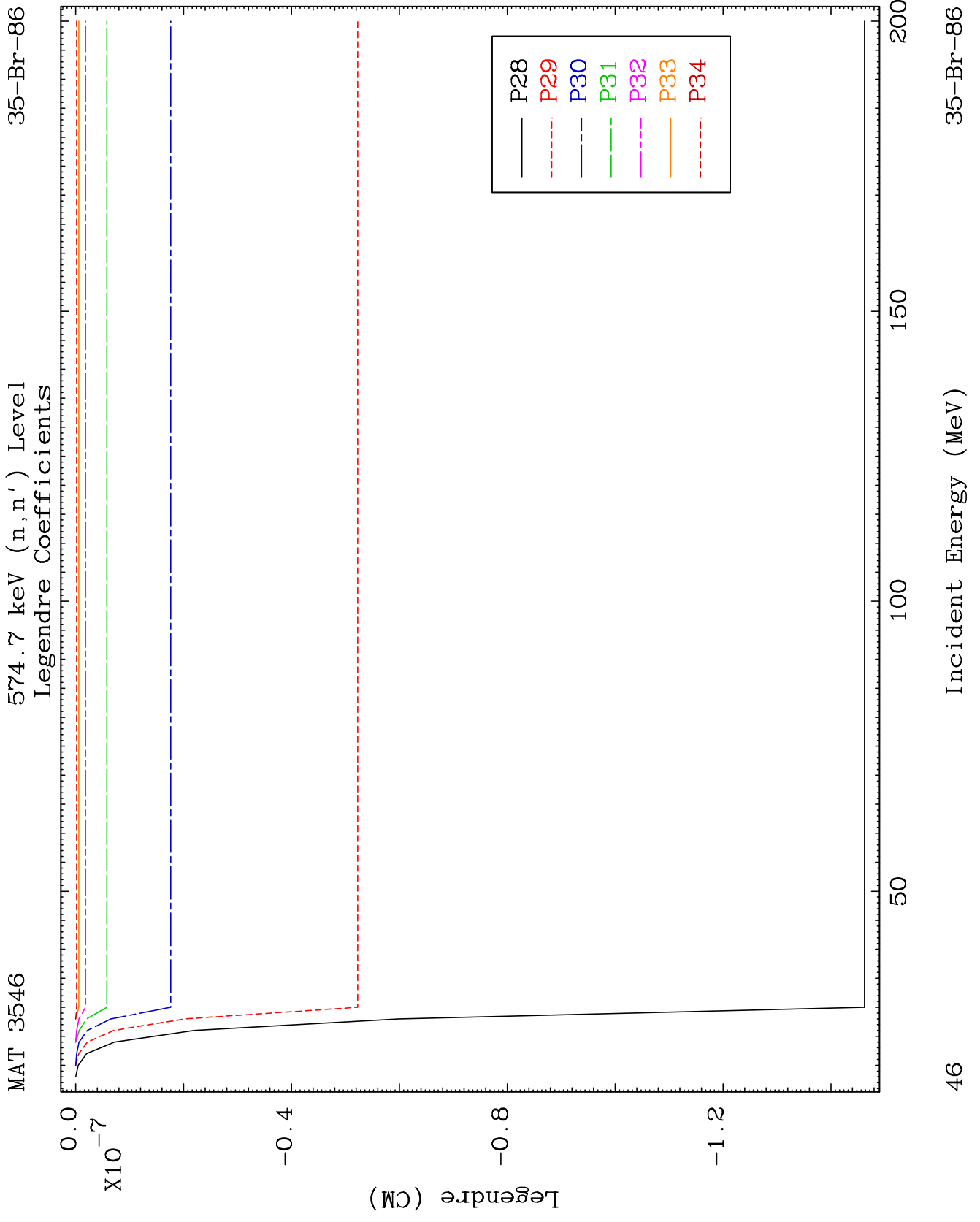


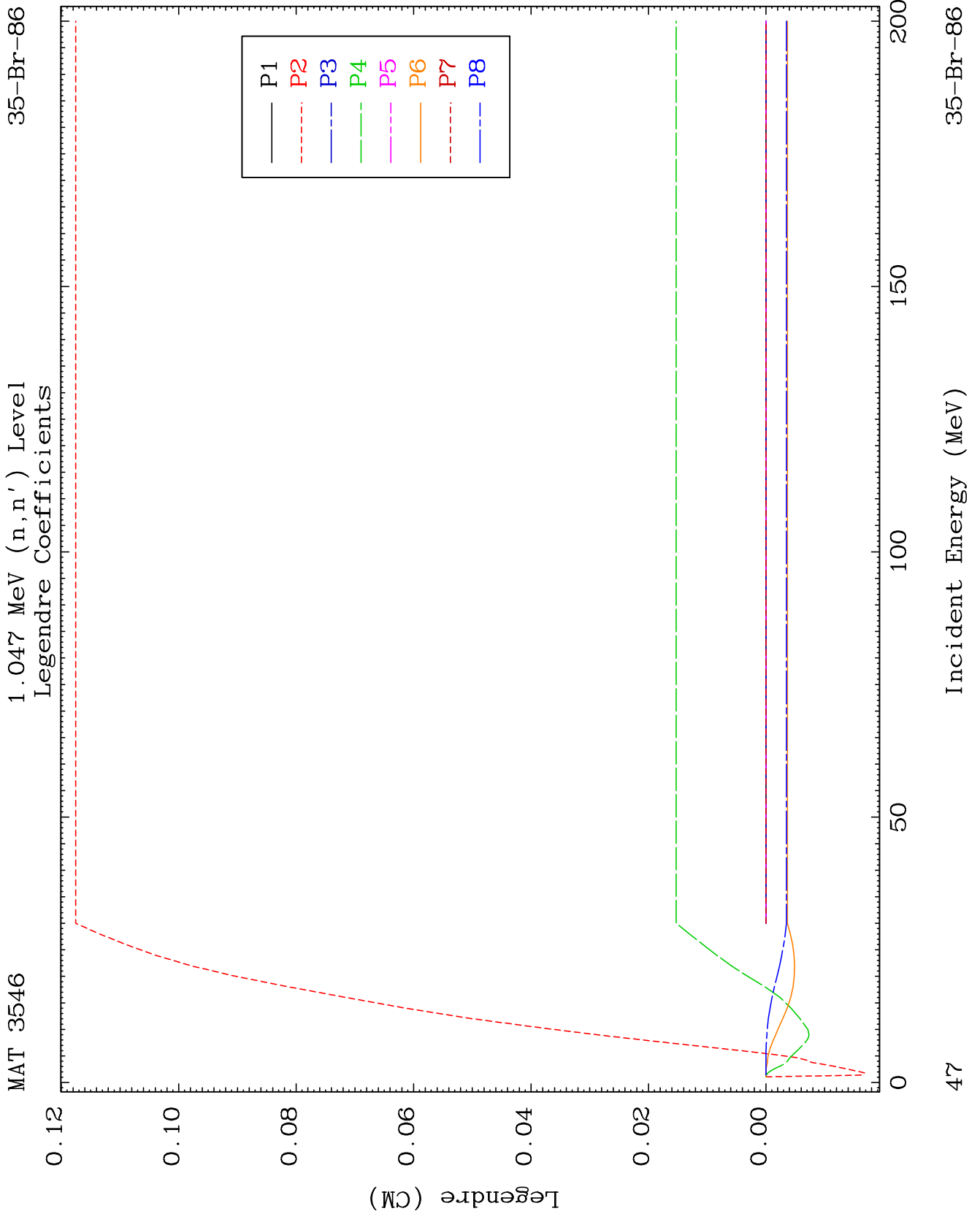
MAT 3546

574.7 keV (n,n') Level  
Legendre Coefficients

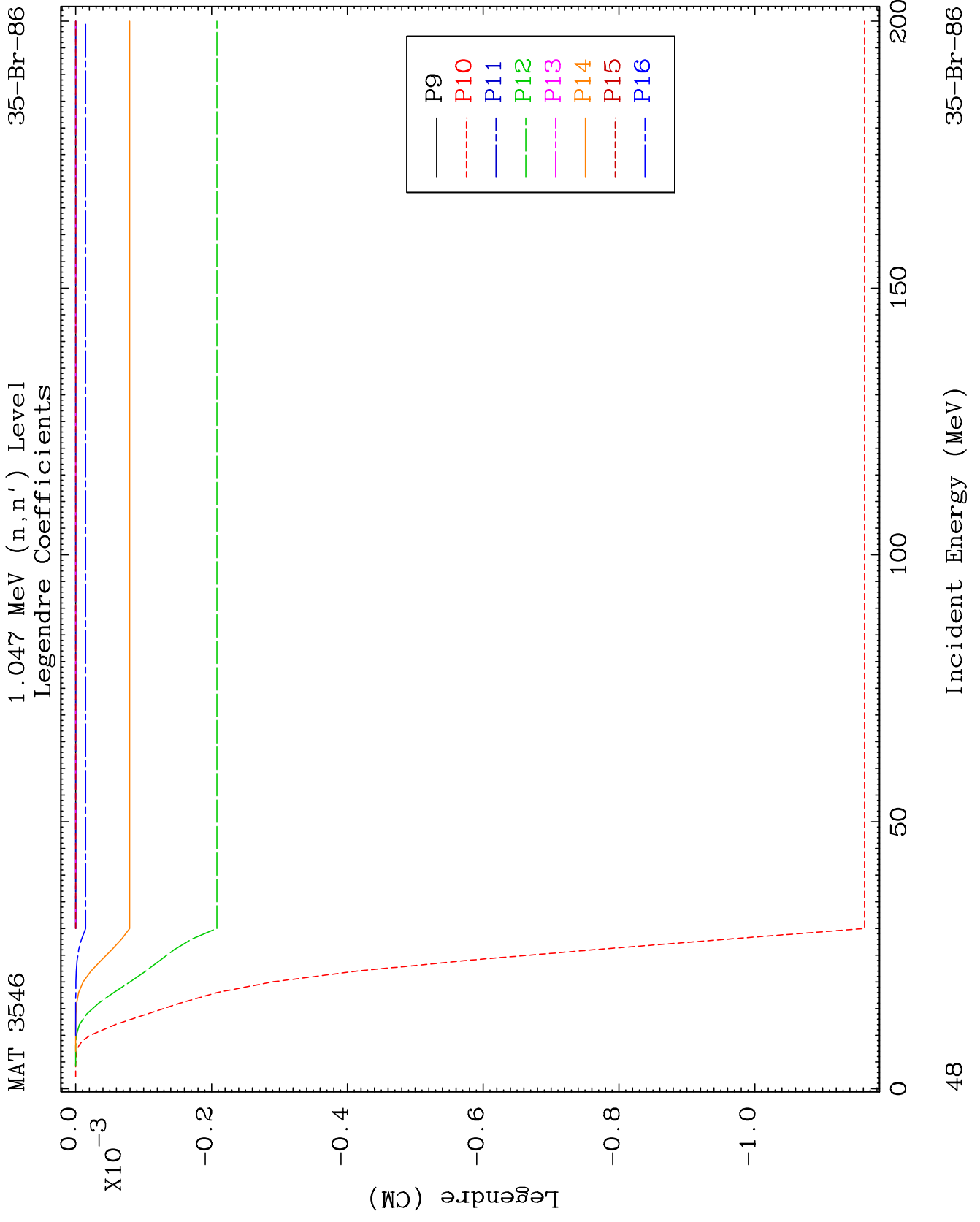
35-Br-86

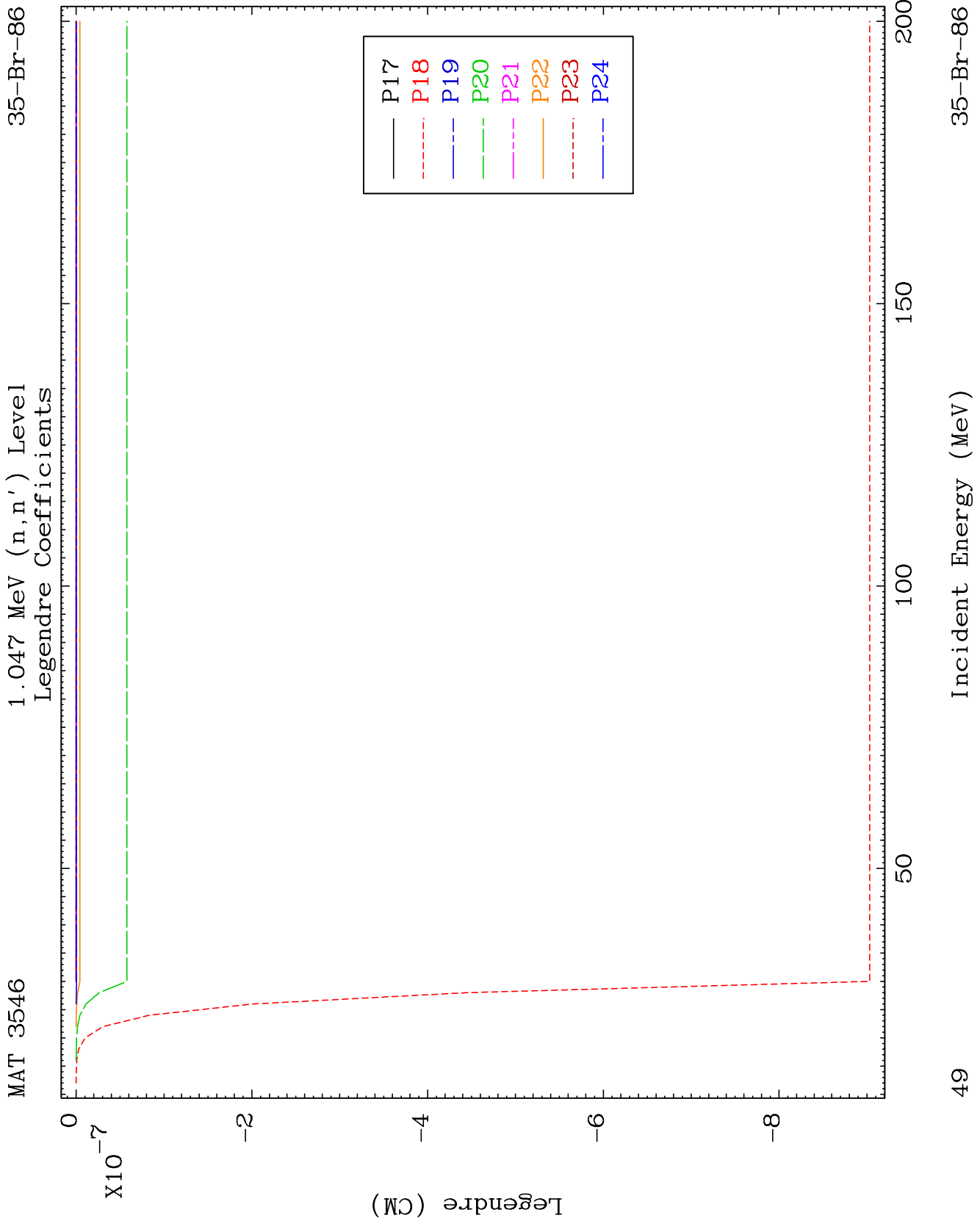


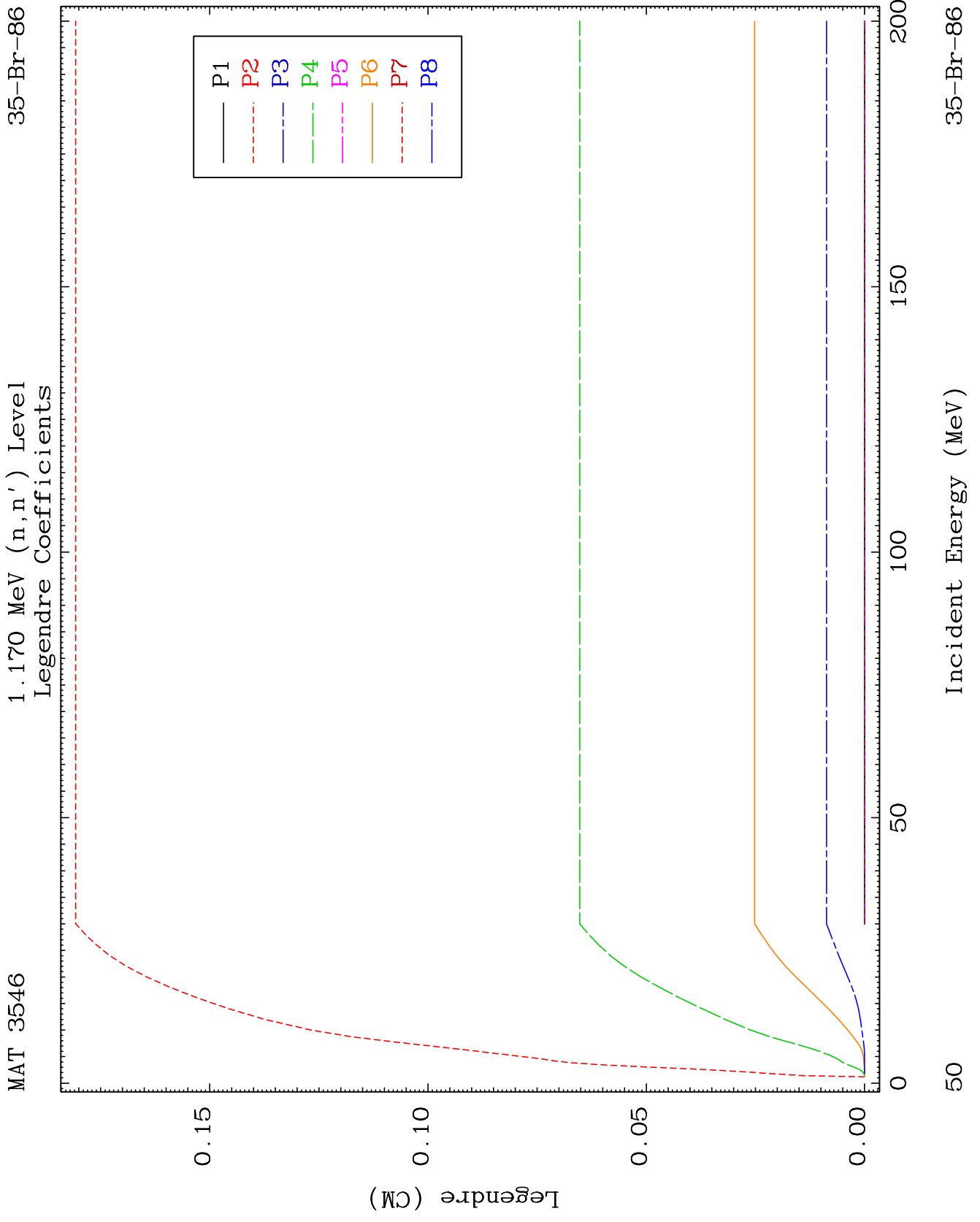


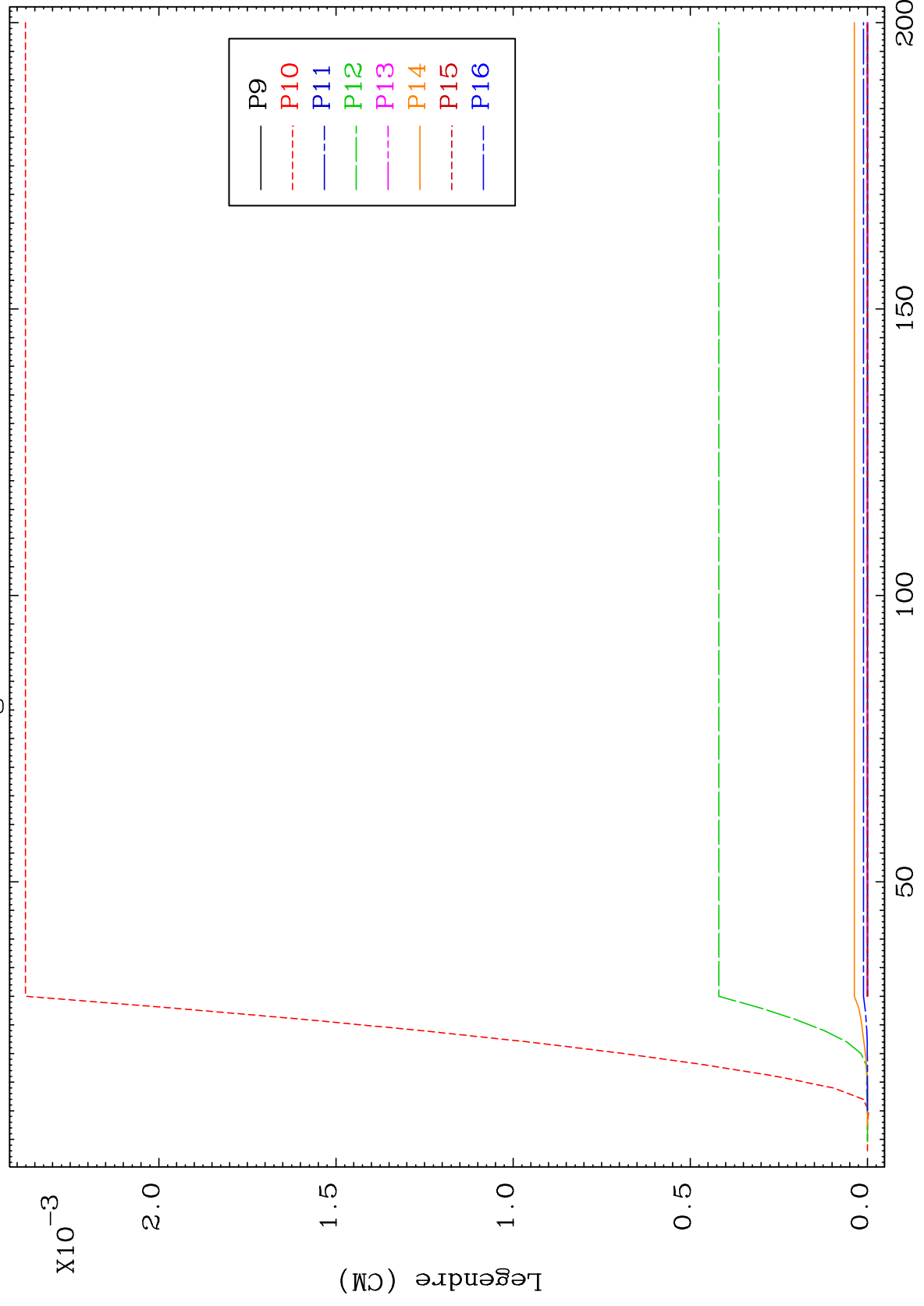


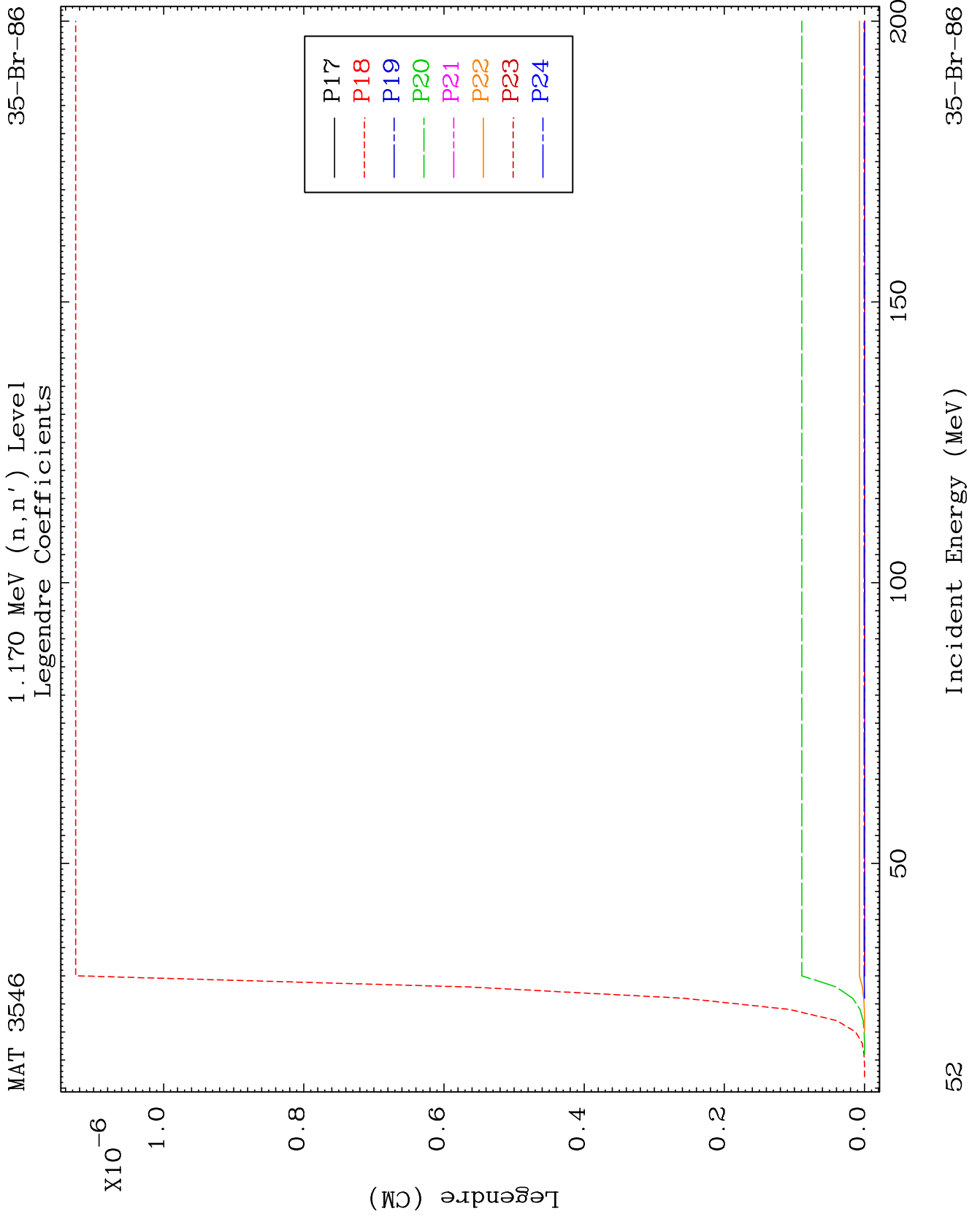








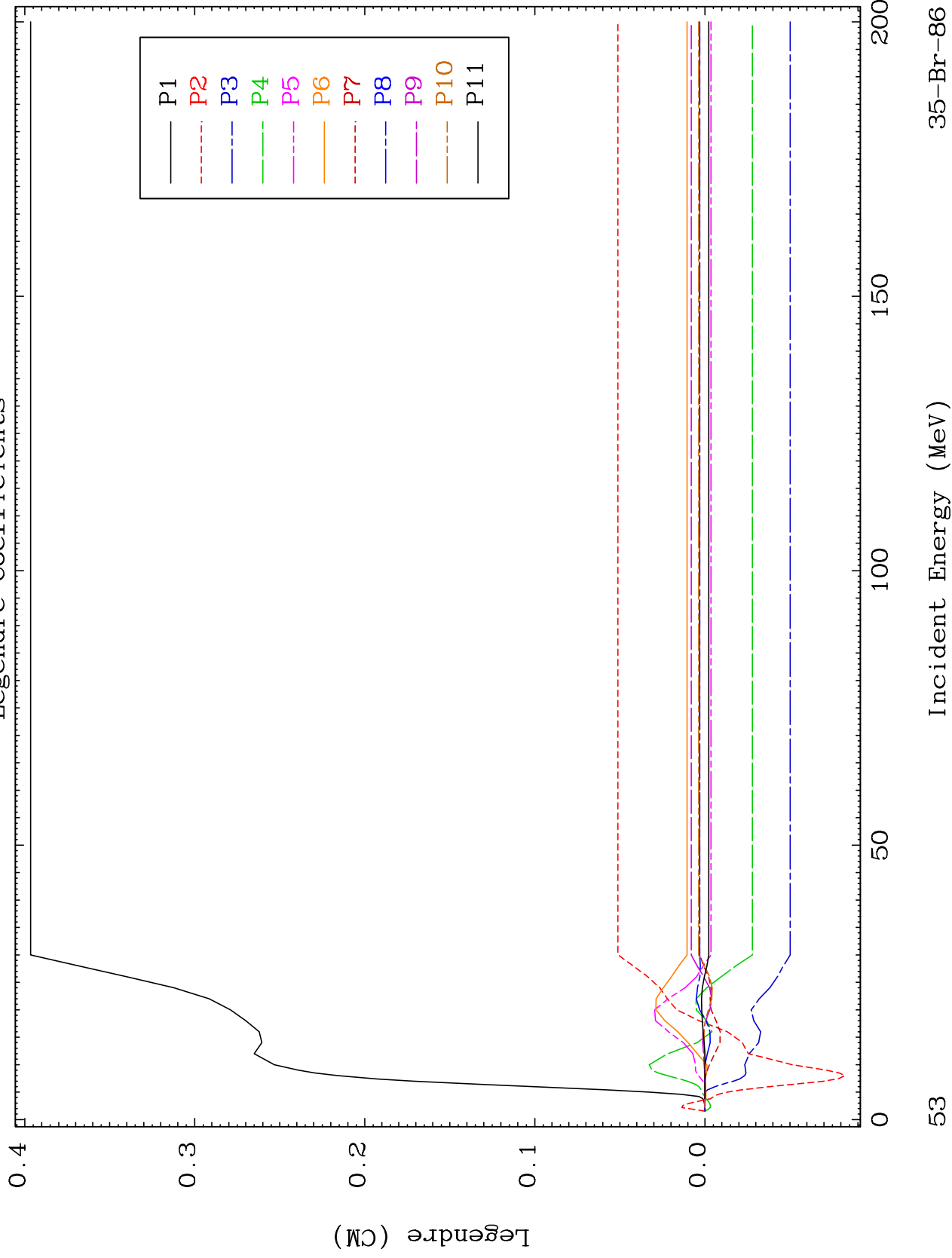




MAT 3546

1.494 MeV (n,n') Level  
Legendre Coefficients

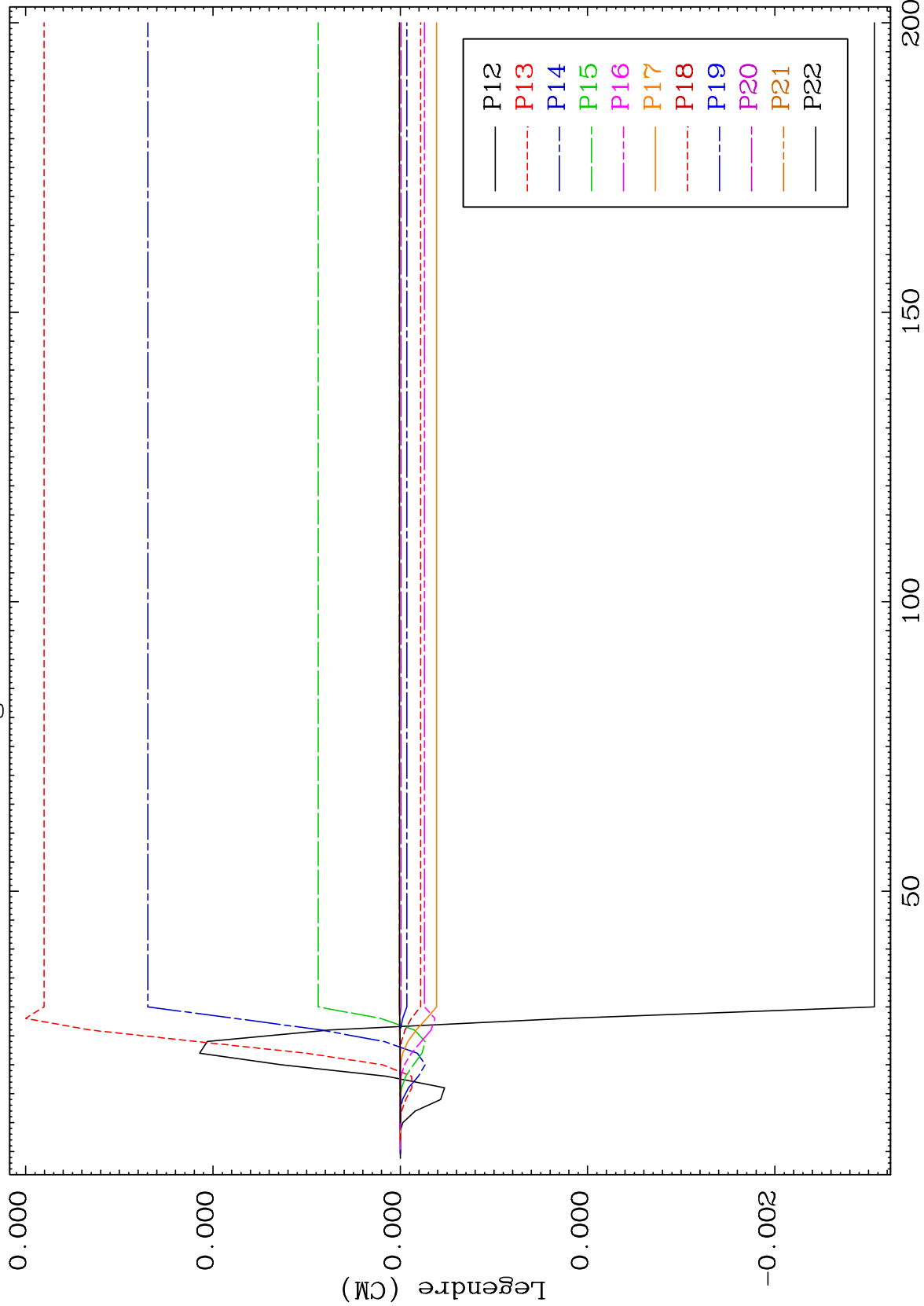
35-Br-86



35-Br-86

Incident Energy (MeV)

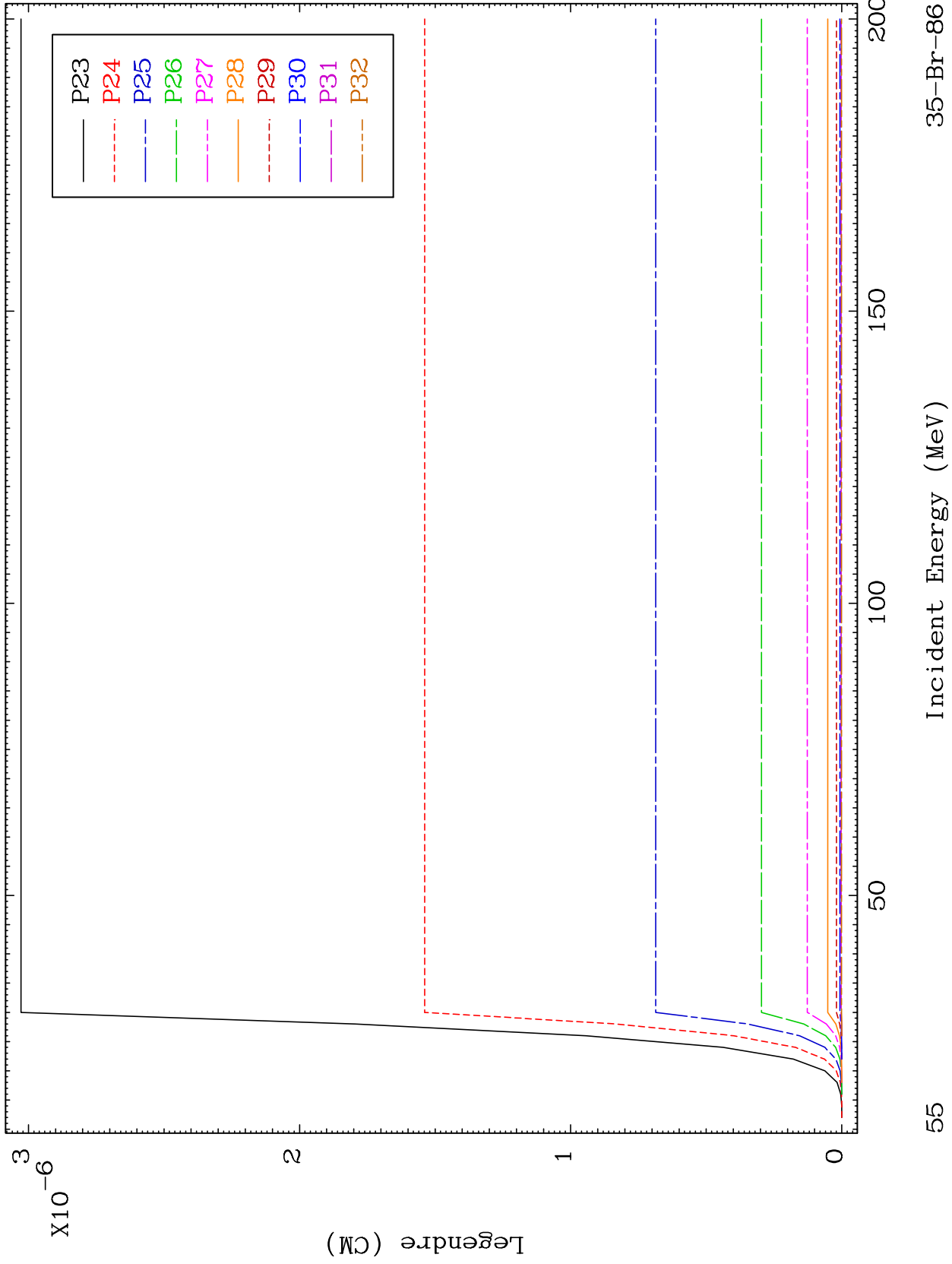
53



MAT 3546

1.494 MeV (n,n') Level  
Legendre Coefficients

35-Br-86



55

Incident Energy (MeV)

50

100

150

200

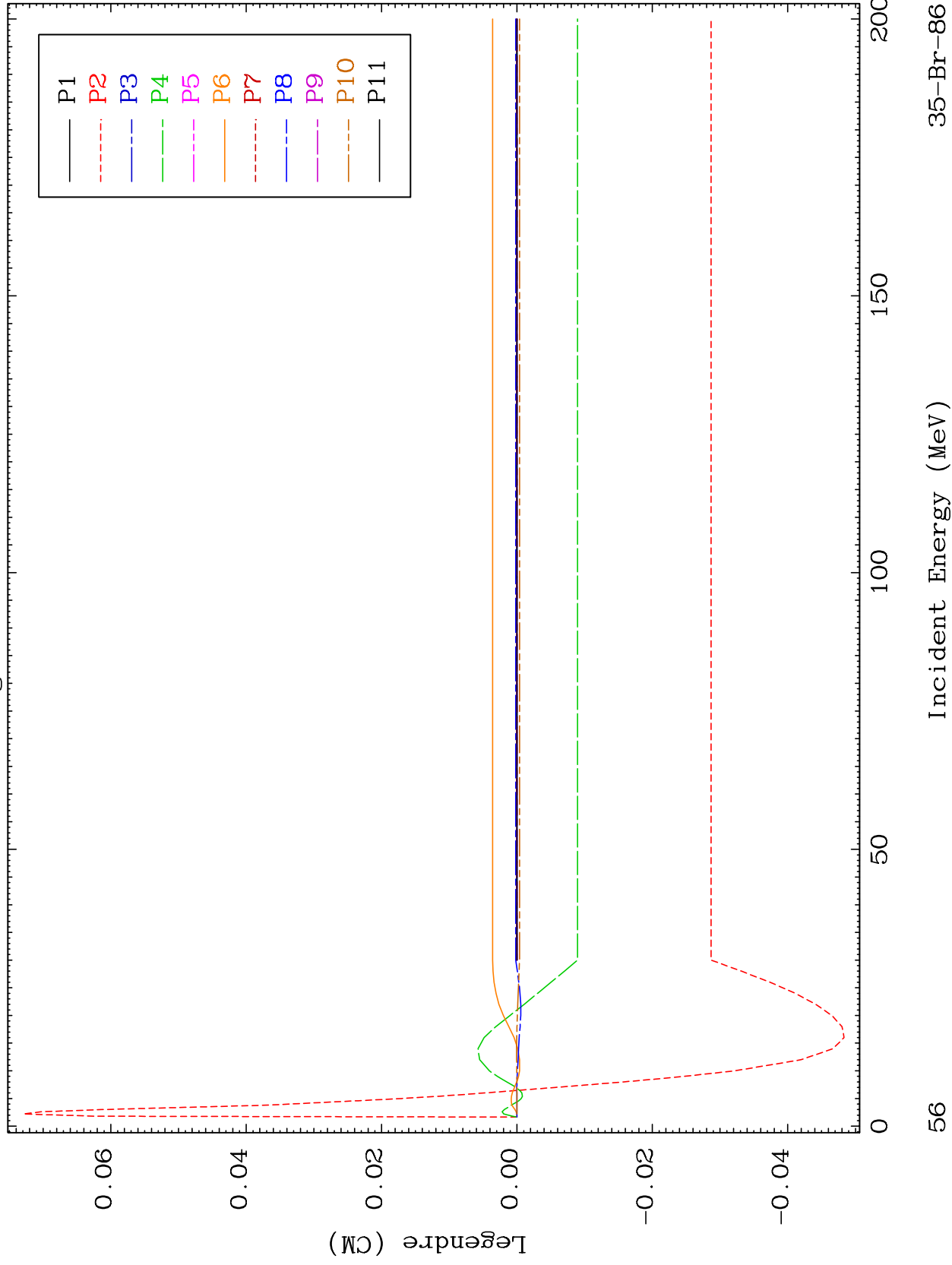
35-Br-86



MAT 3546

1.624 MeV (n,n') Level  
Legendre Coefficients

35-Br-86



56

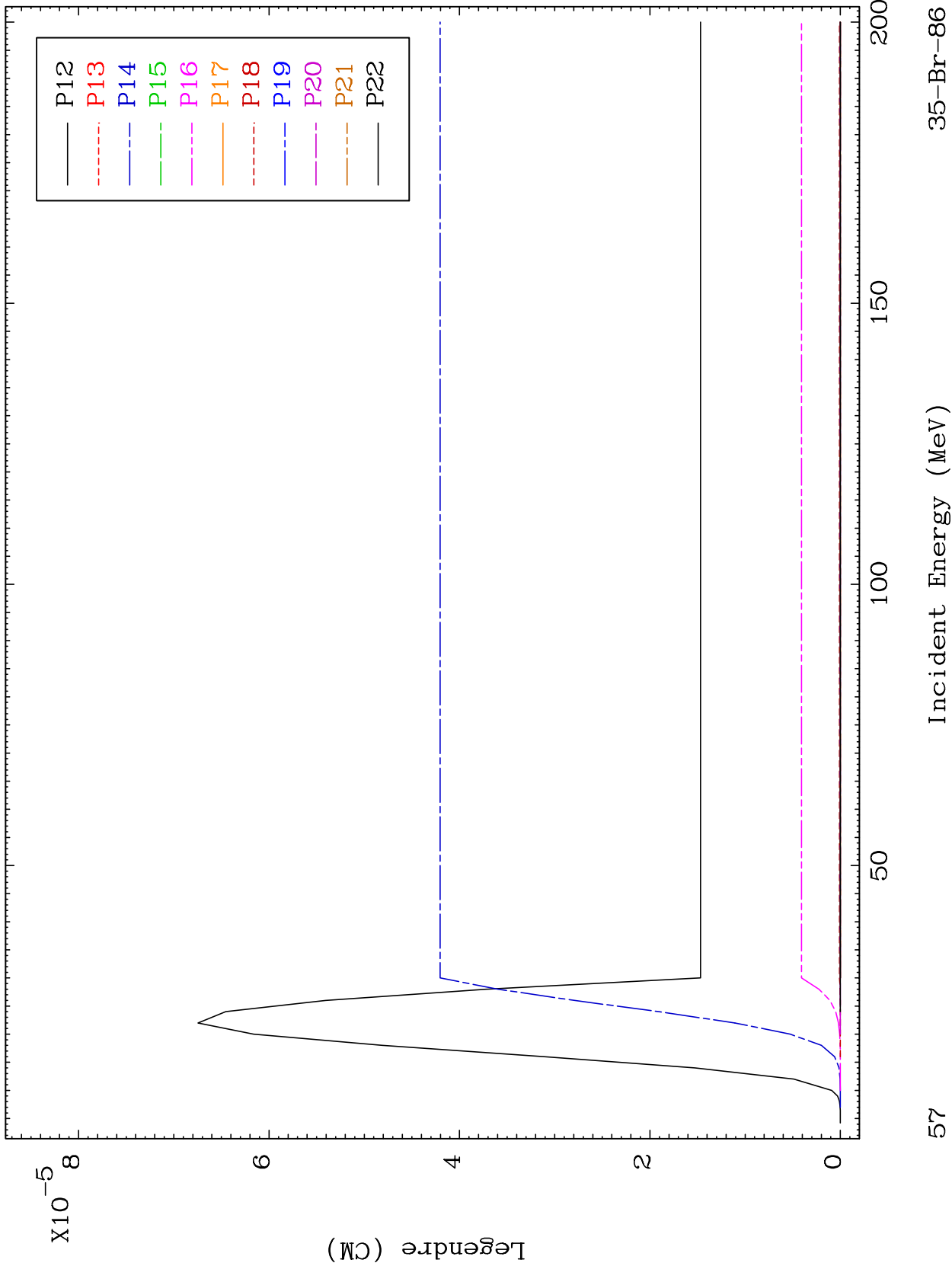
Incident Energy (MeV)

35-Br-86

MAT 3546

1.624 MeV (n,n') Level  
Legendre Coefficients

35-Br-86

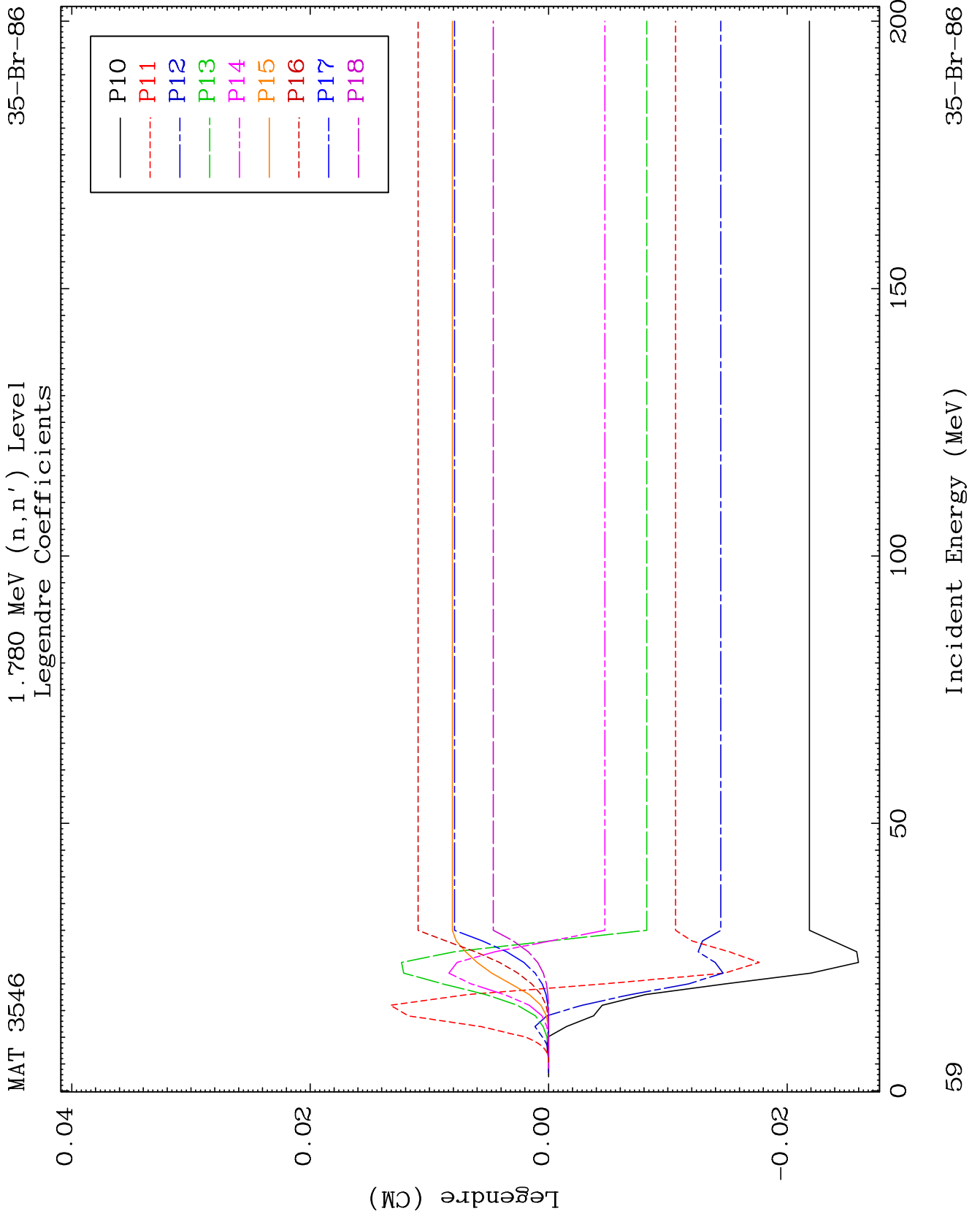


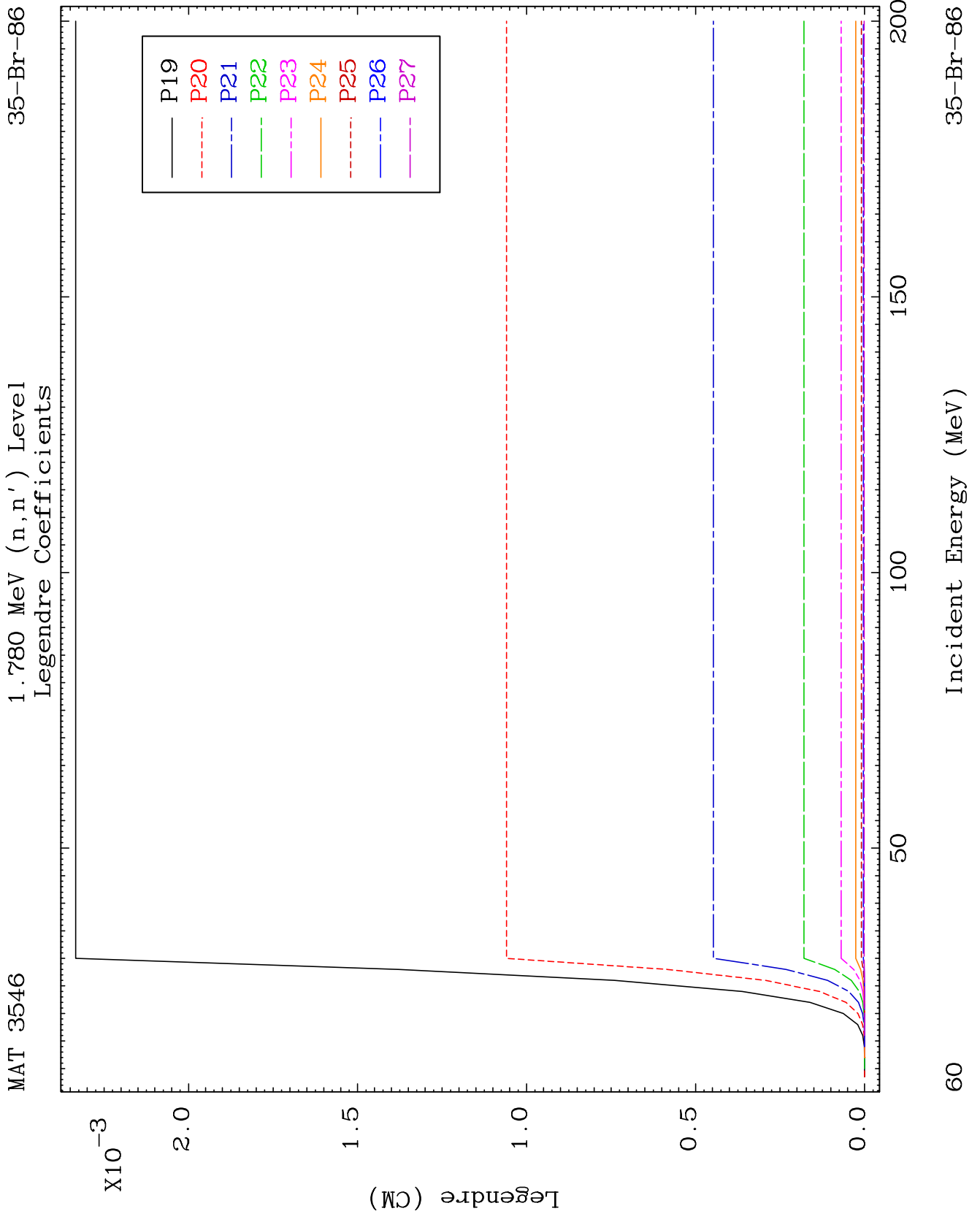
57

Incident Energy (MeV)

35-Br-86



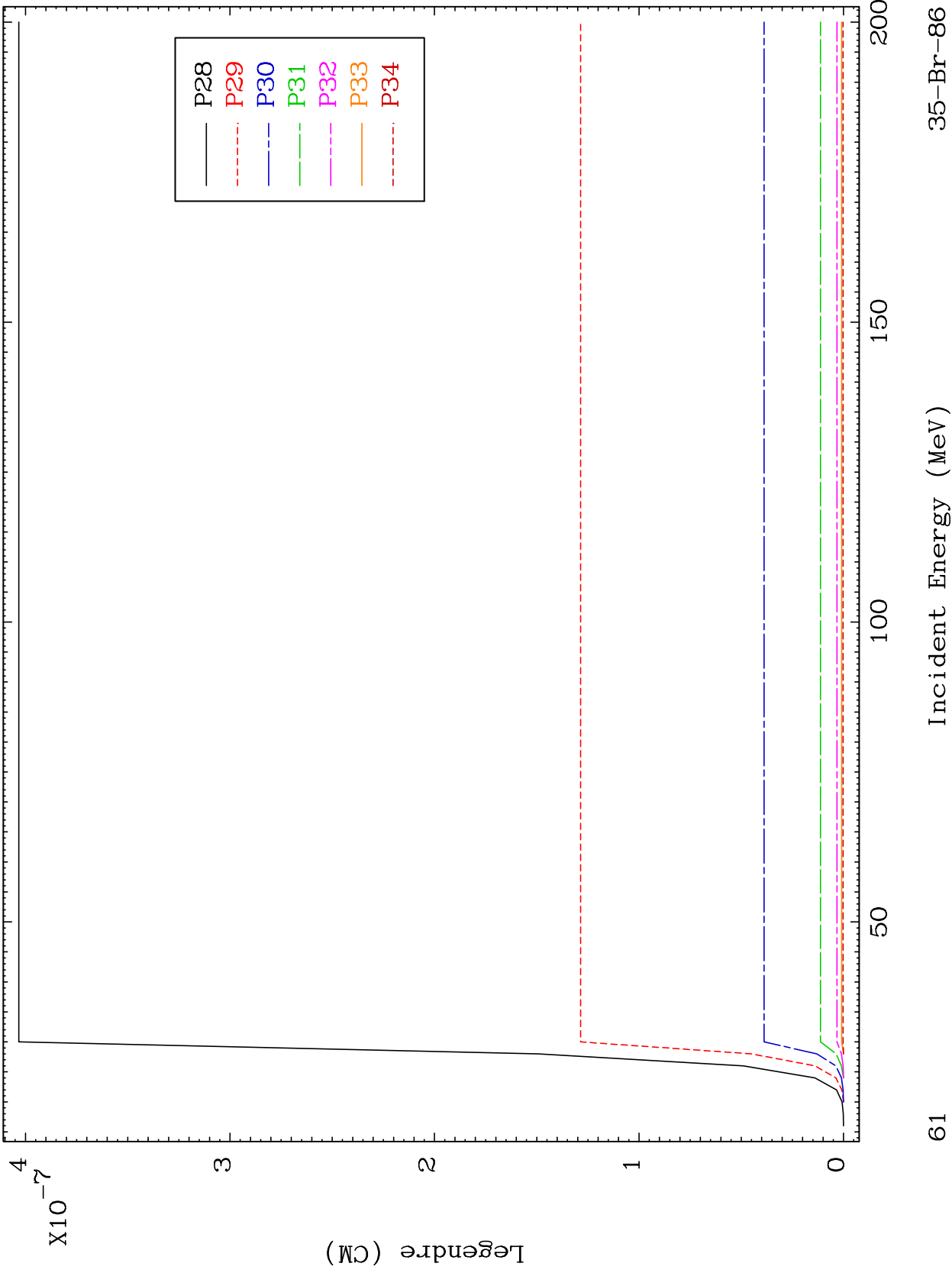




MAT 3546

1.780 MeV (n,n') Level  
Legendre Coefficients

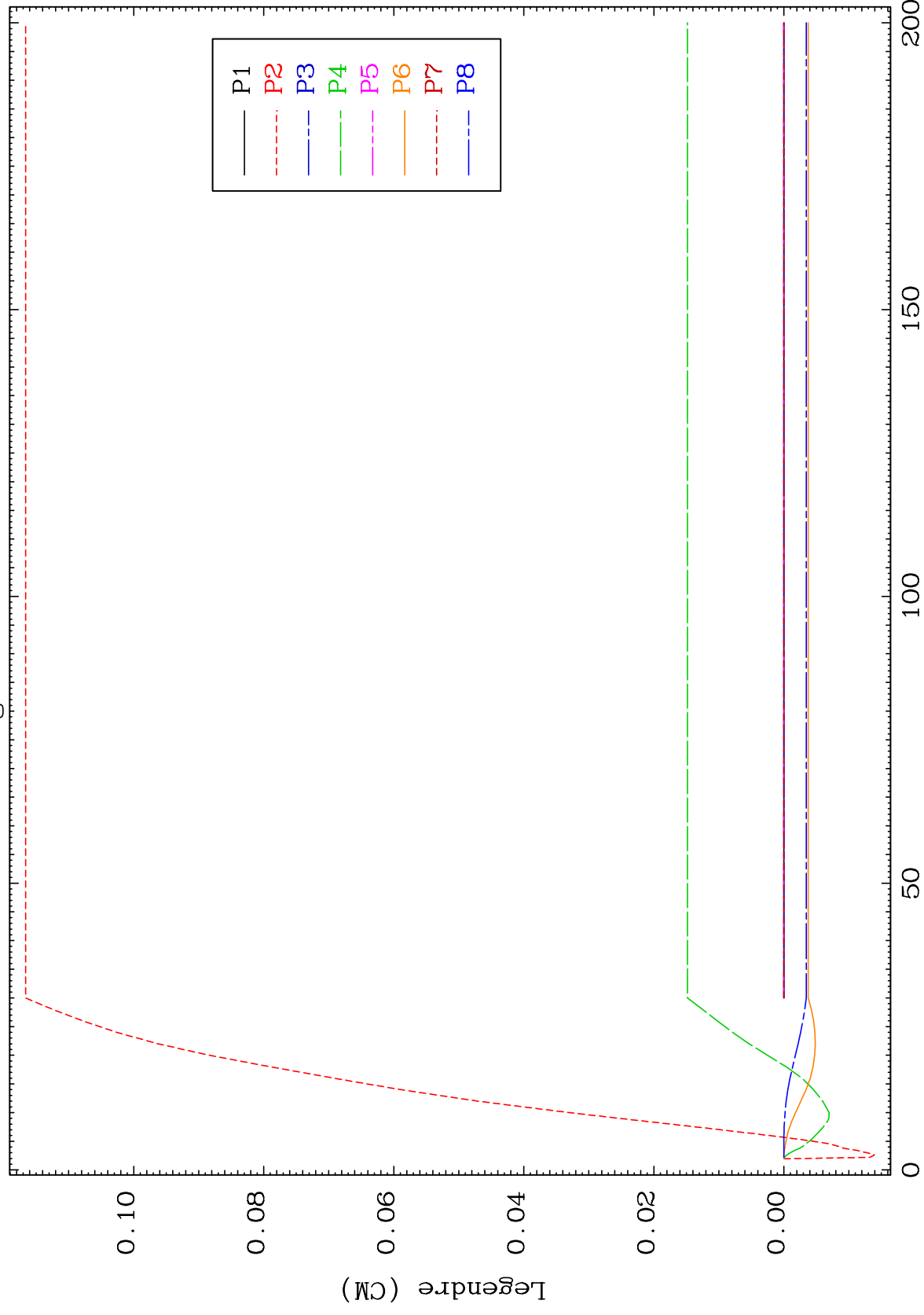
35-Br-86



MAT 3546

1.920 MeV (n,n') Level  
Legendre Coefficients

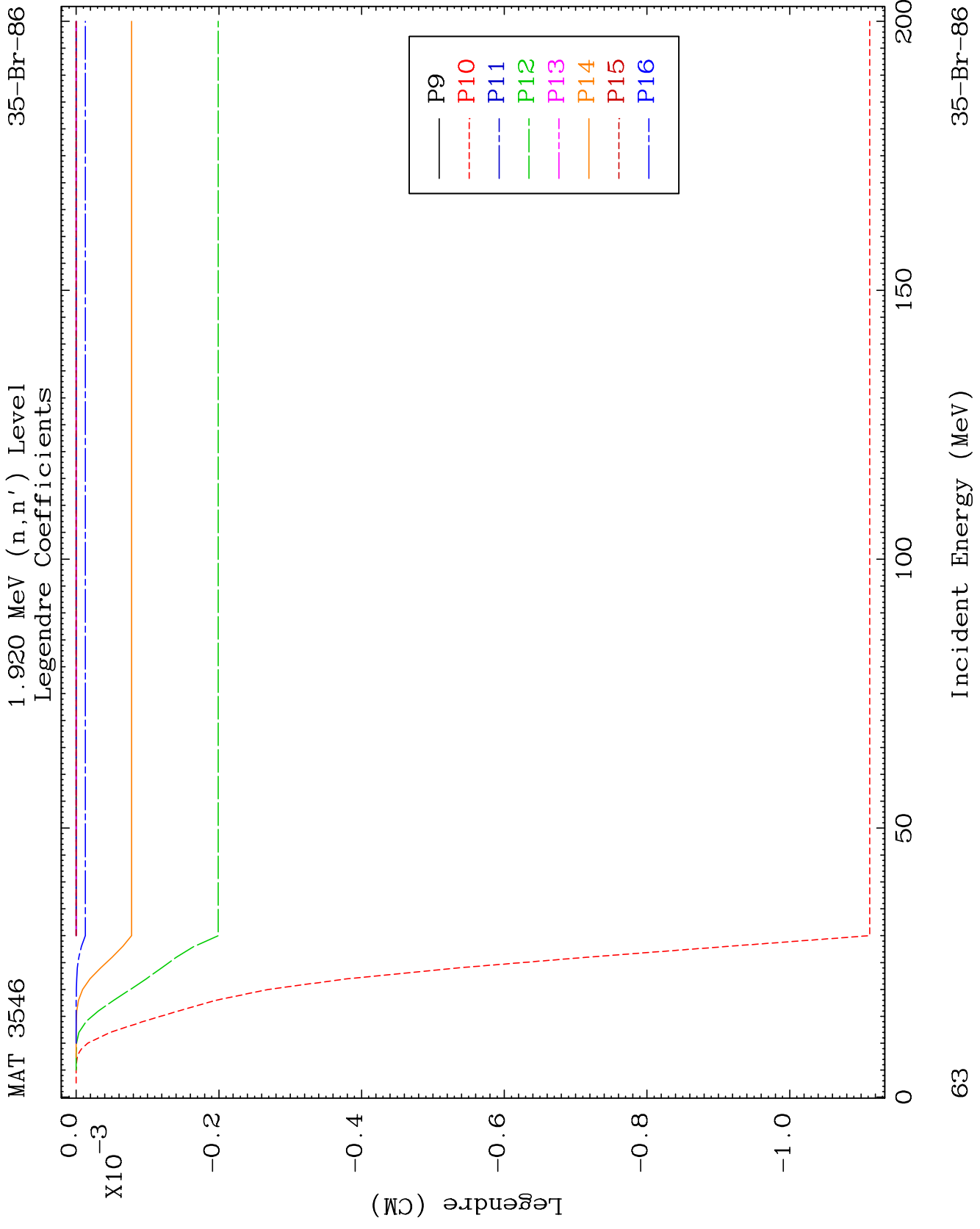
35-Br-86



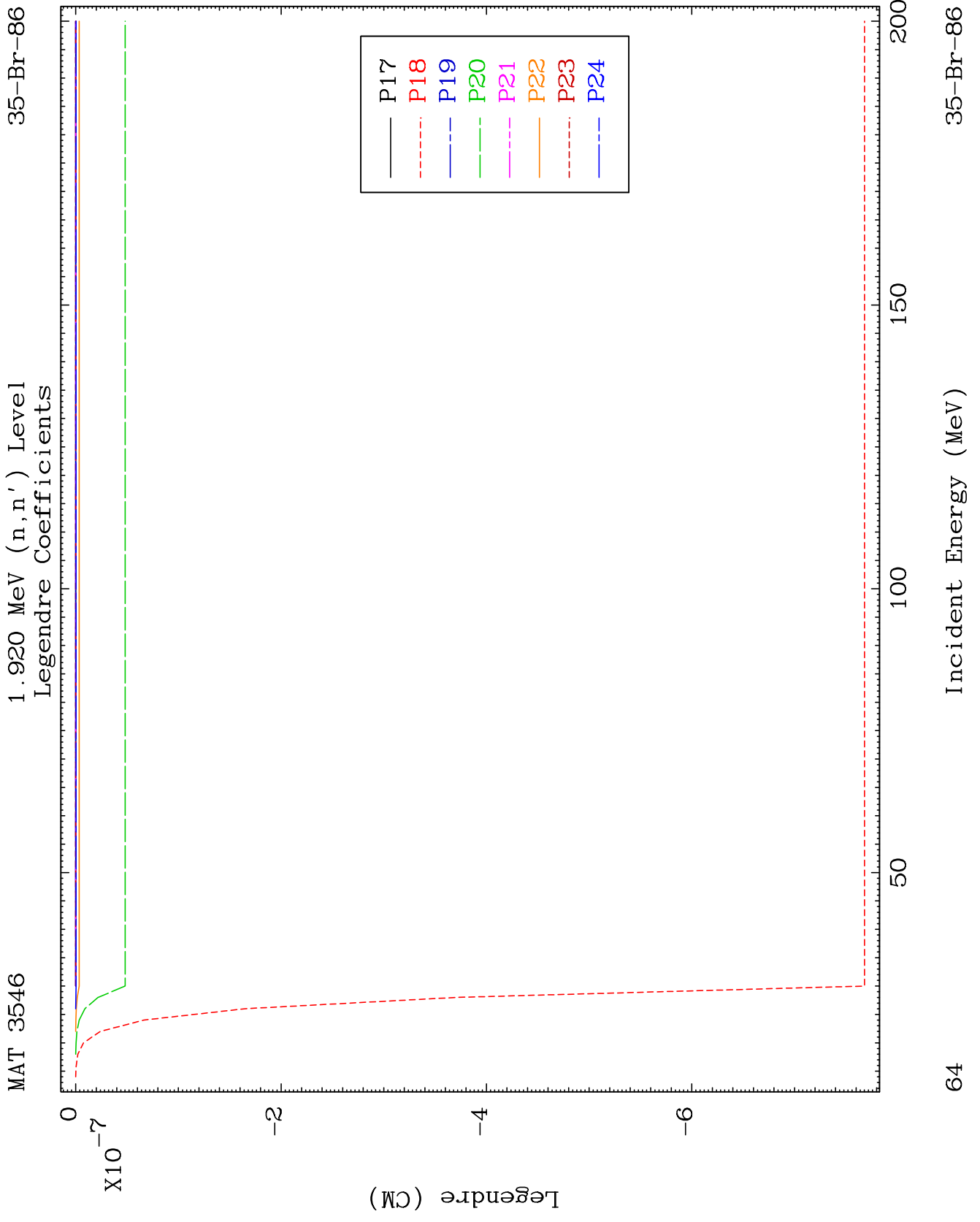
35-Br-86

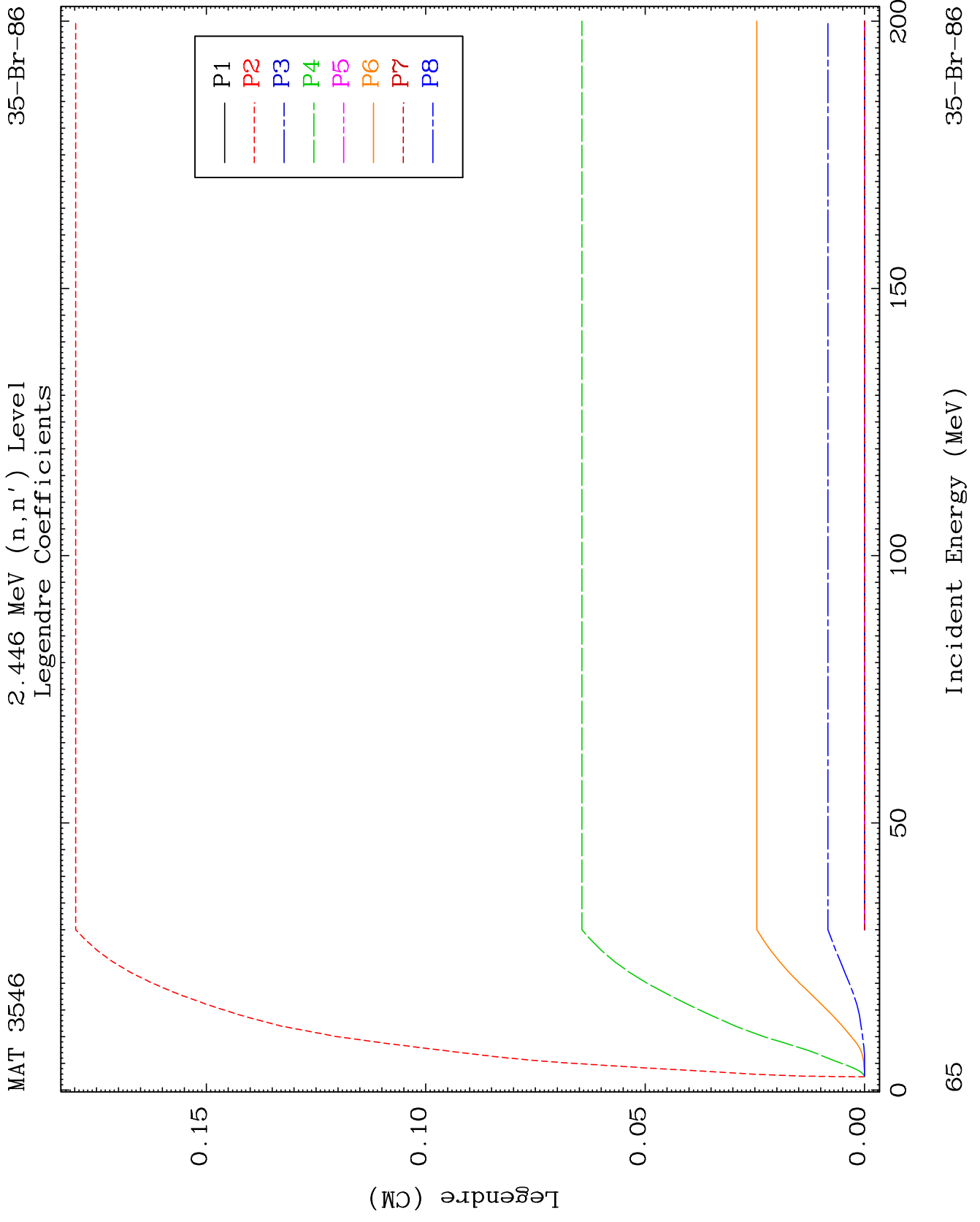
Incident Energy (MeV)

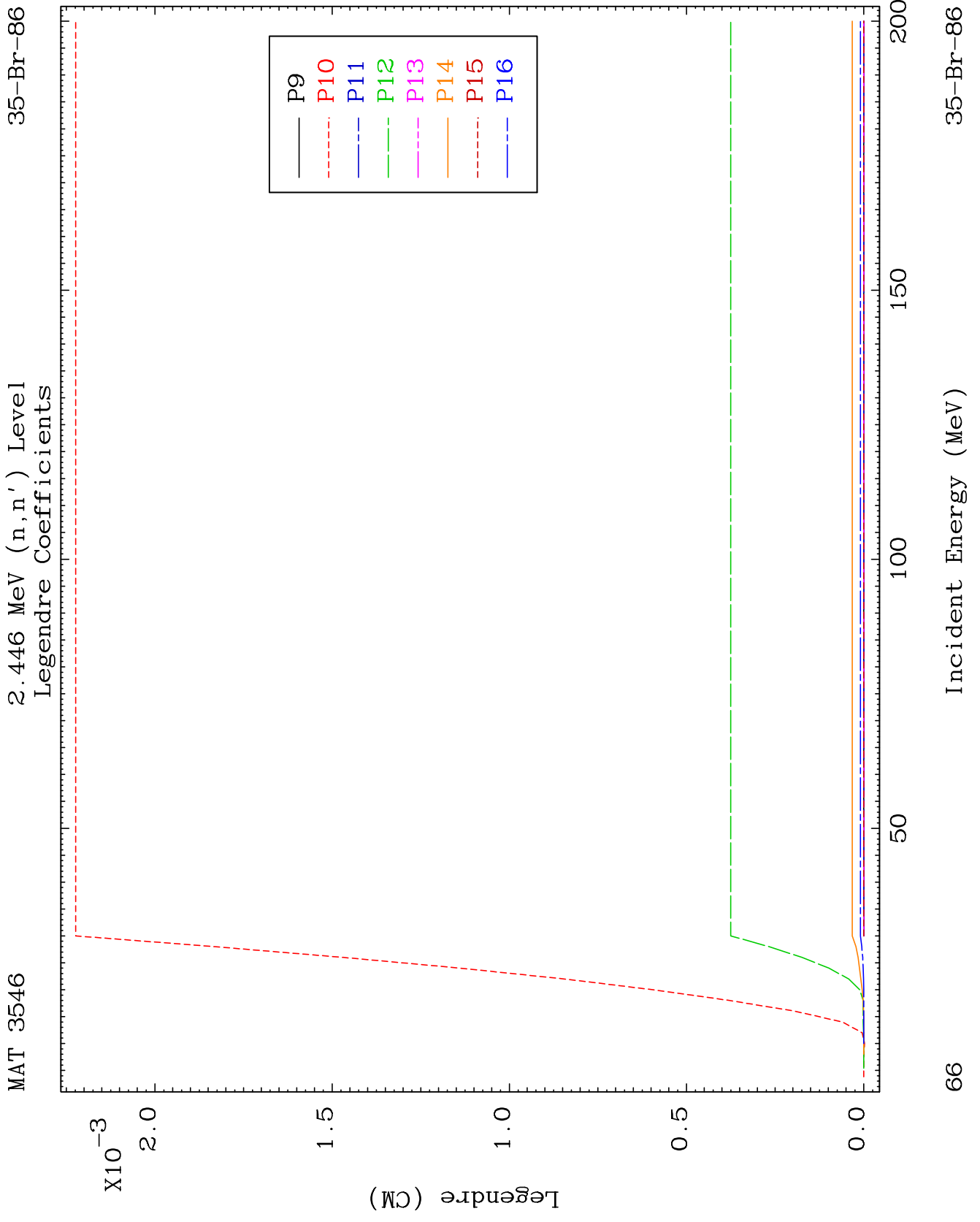
62

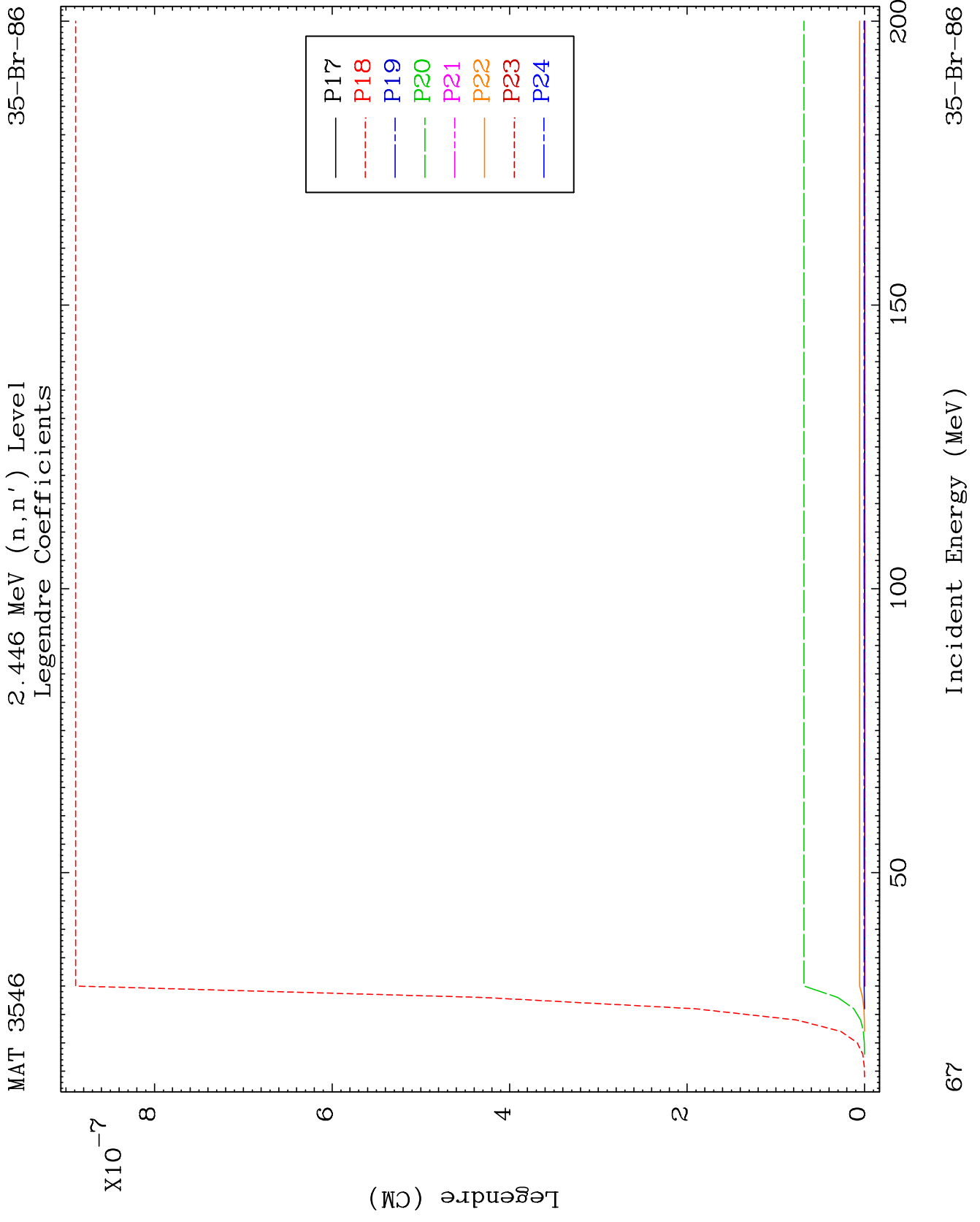


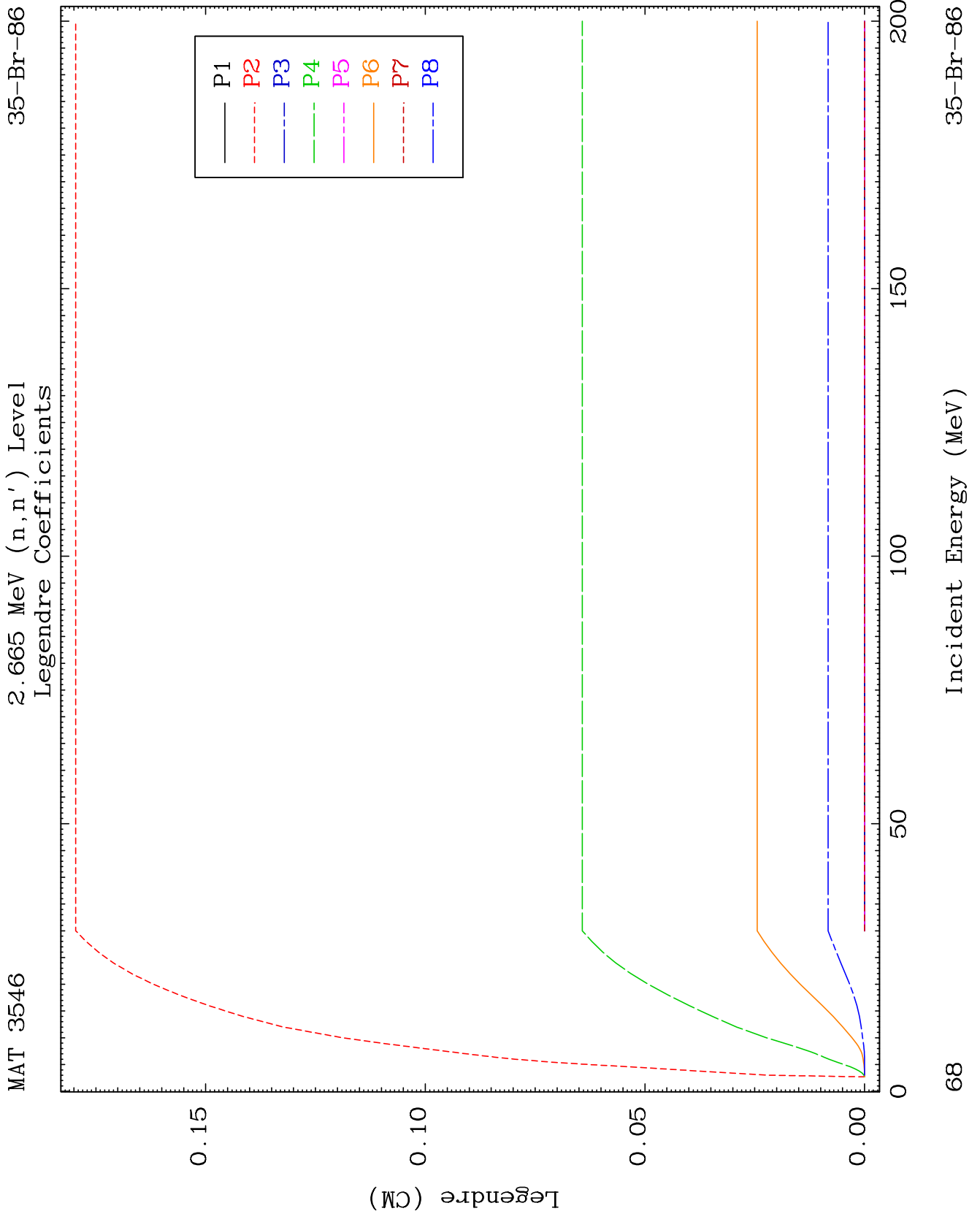


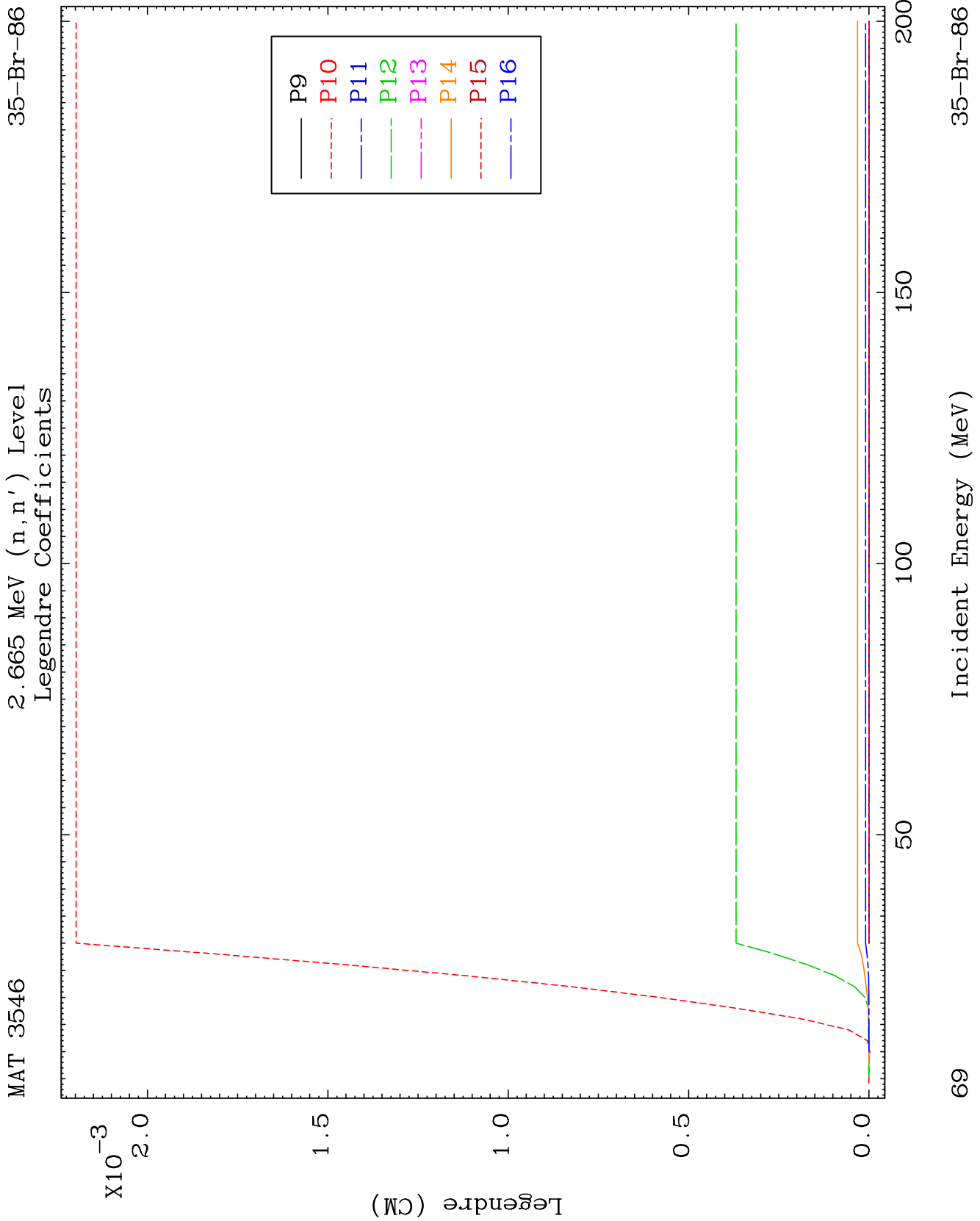


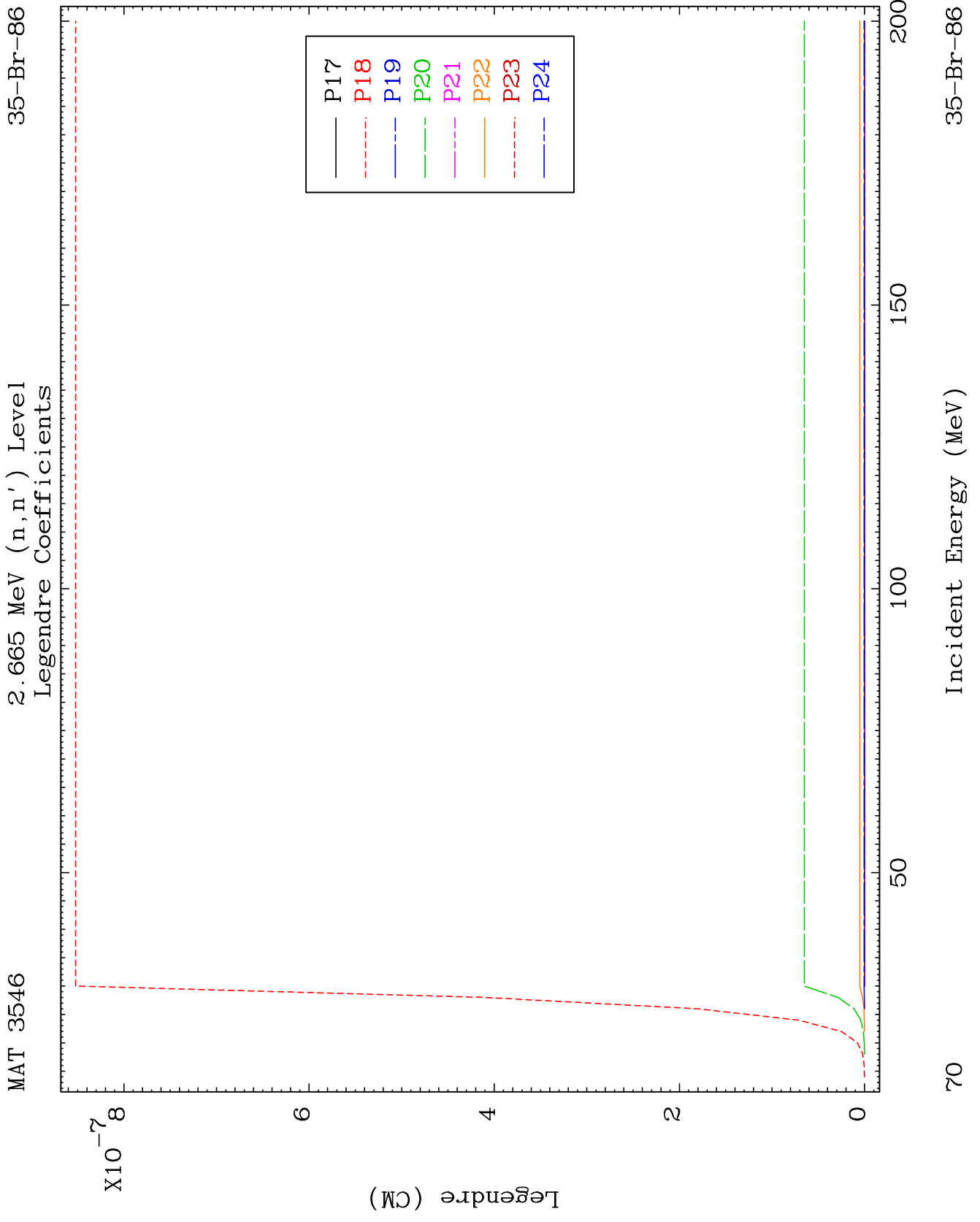


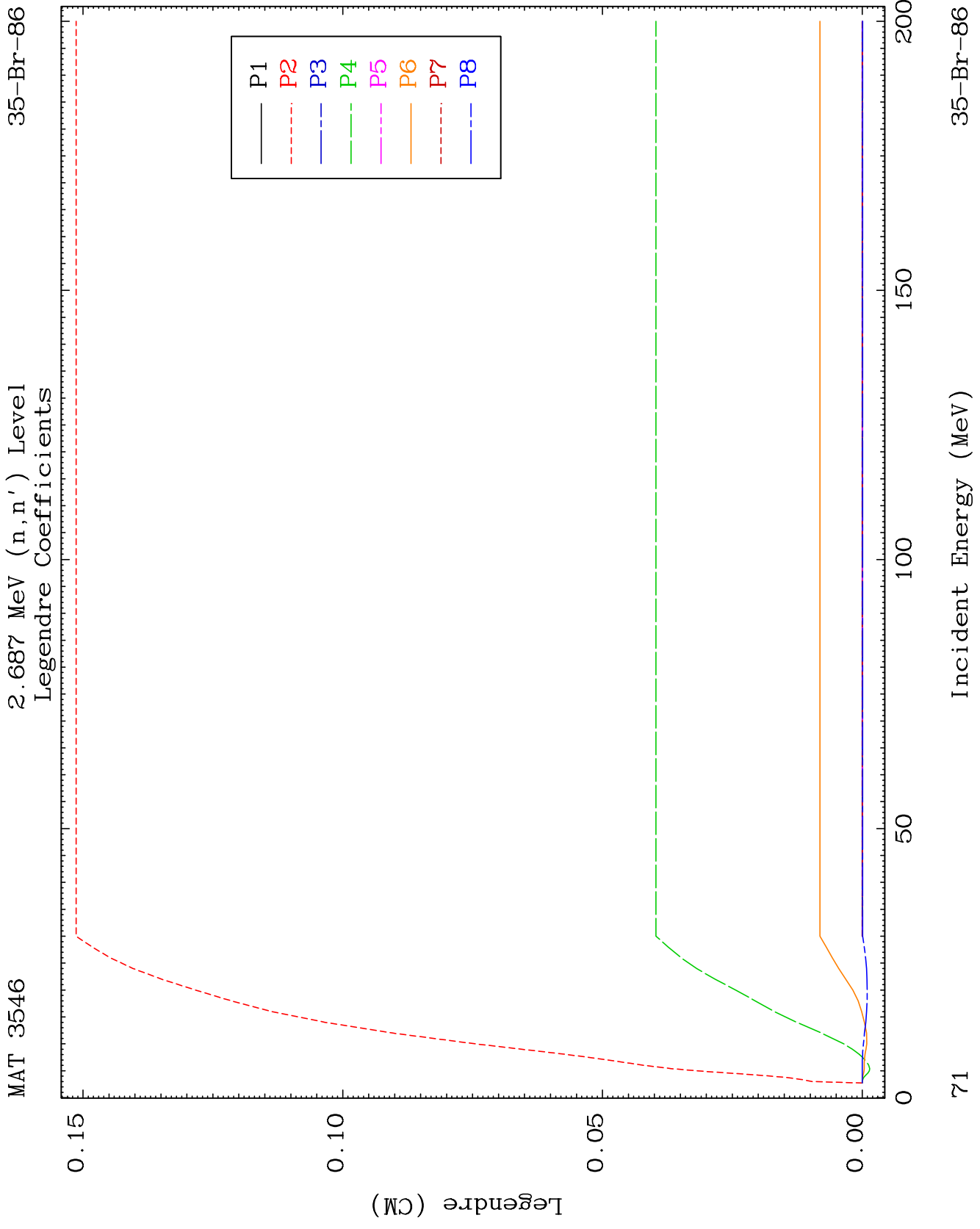




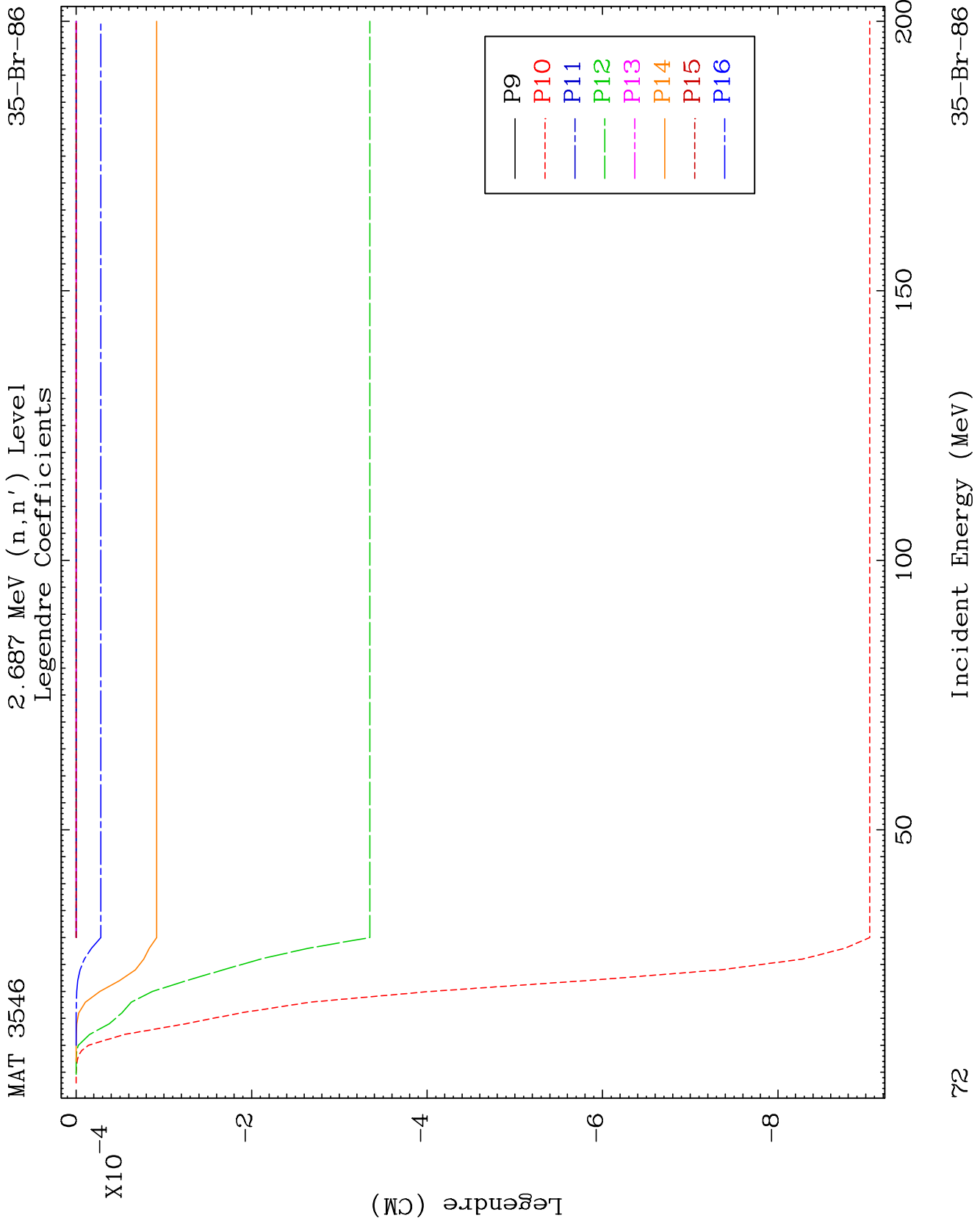


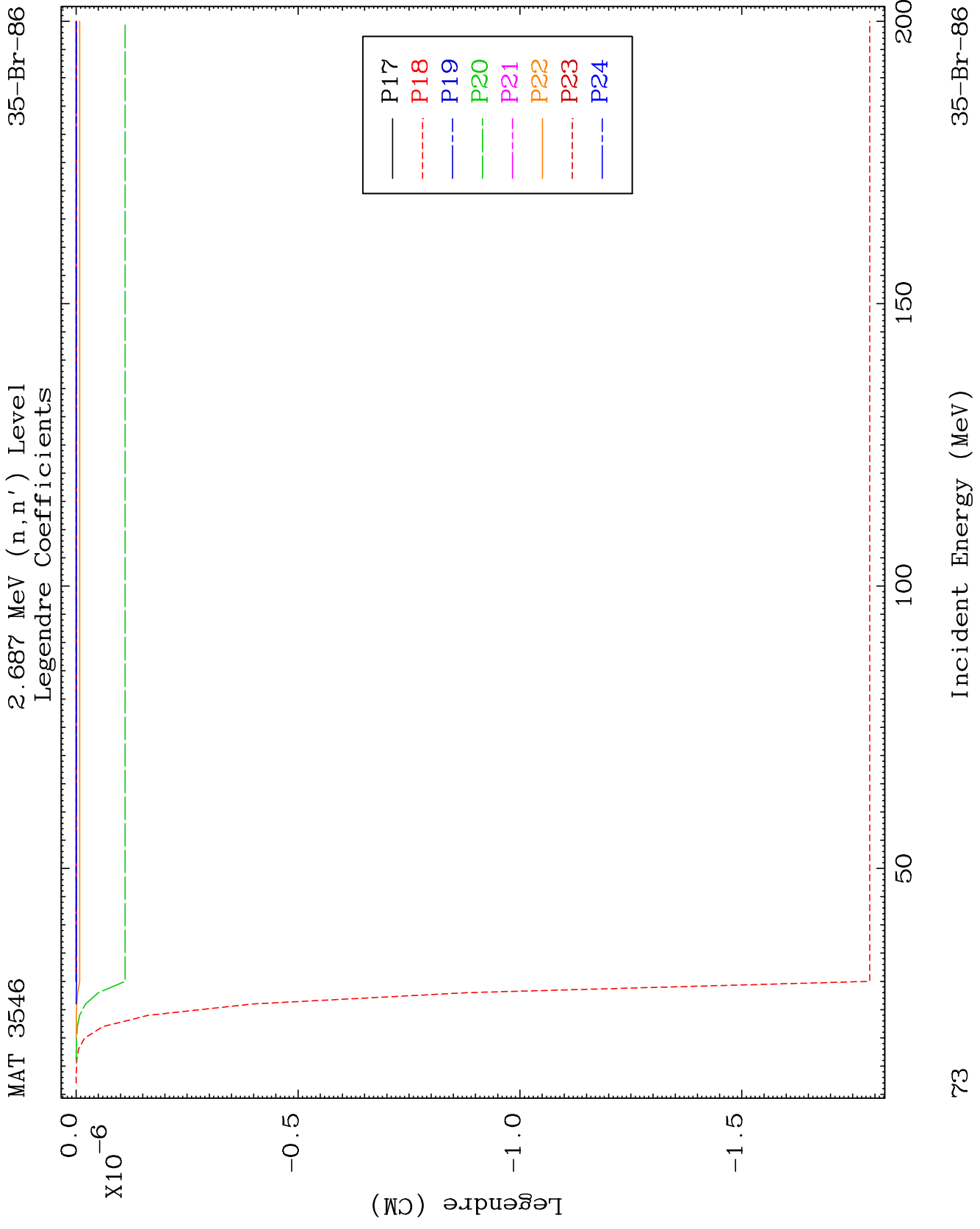


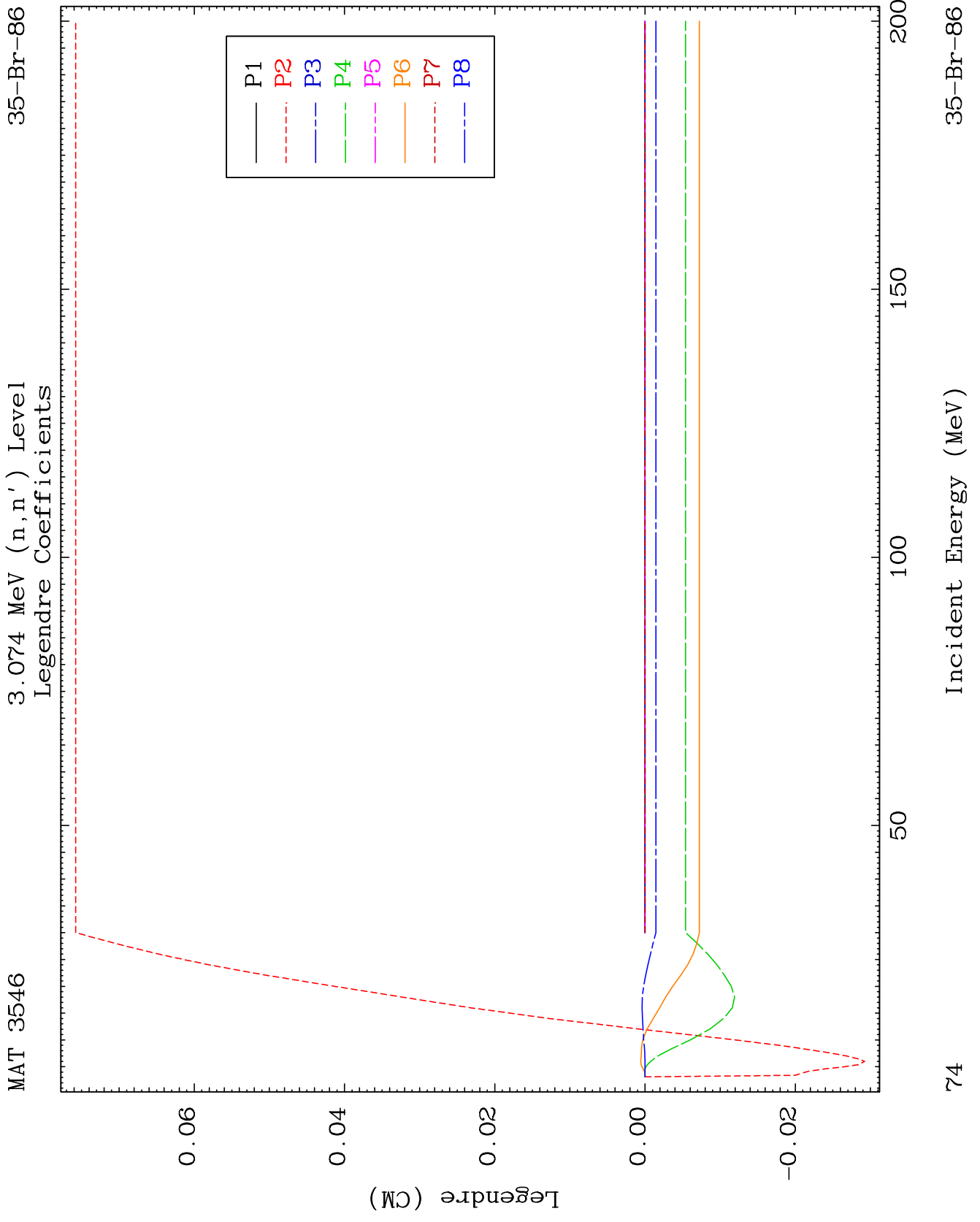


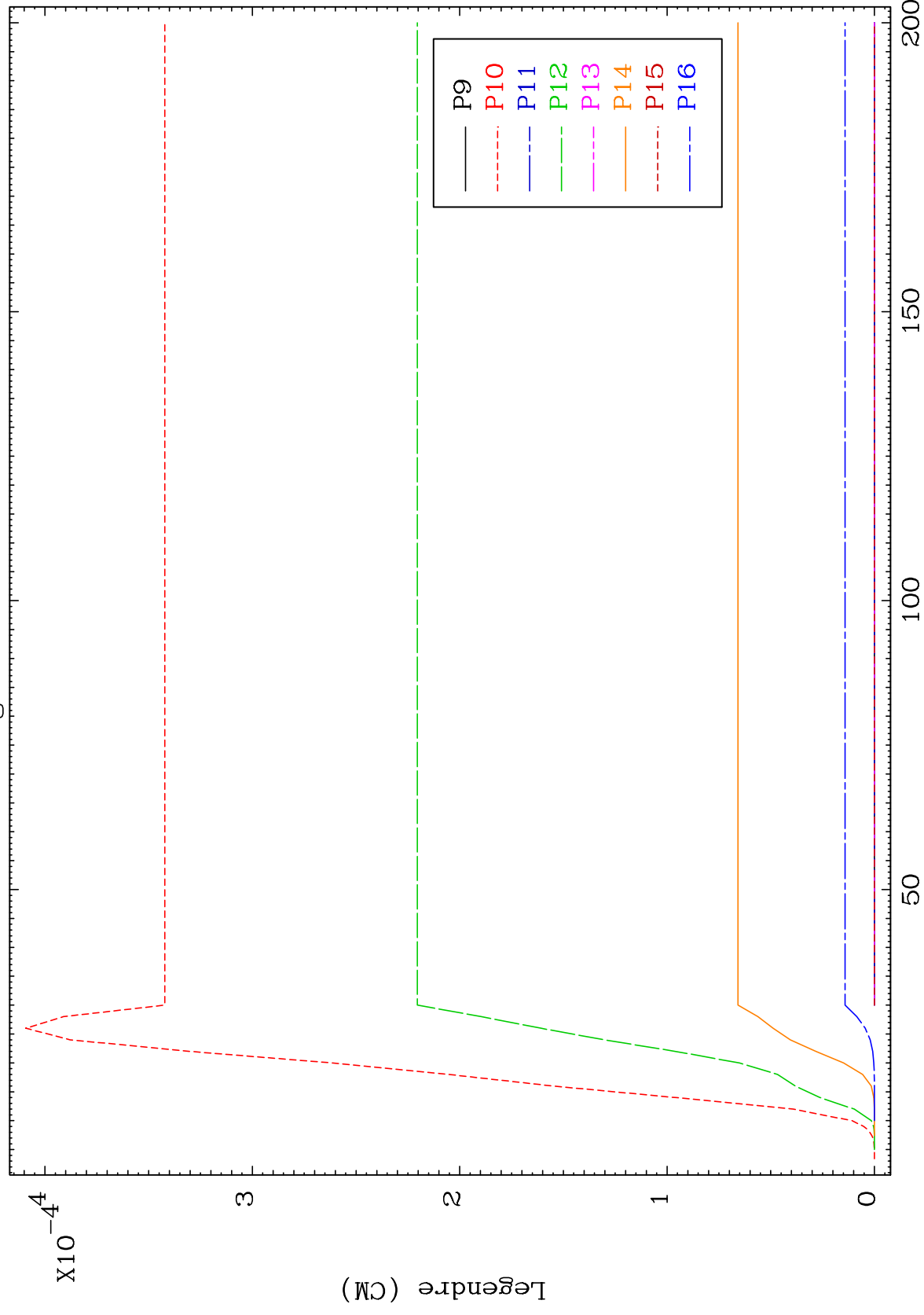


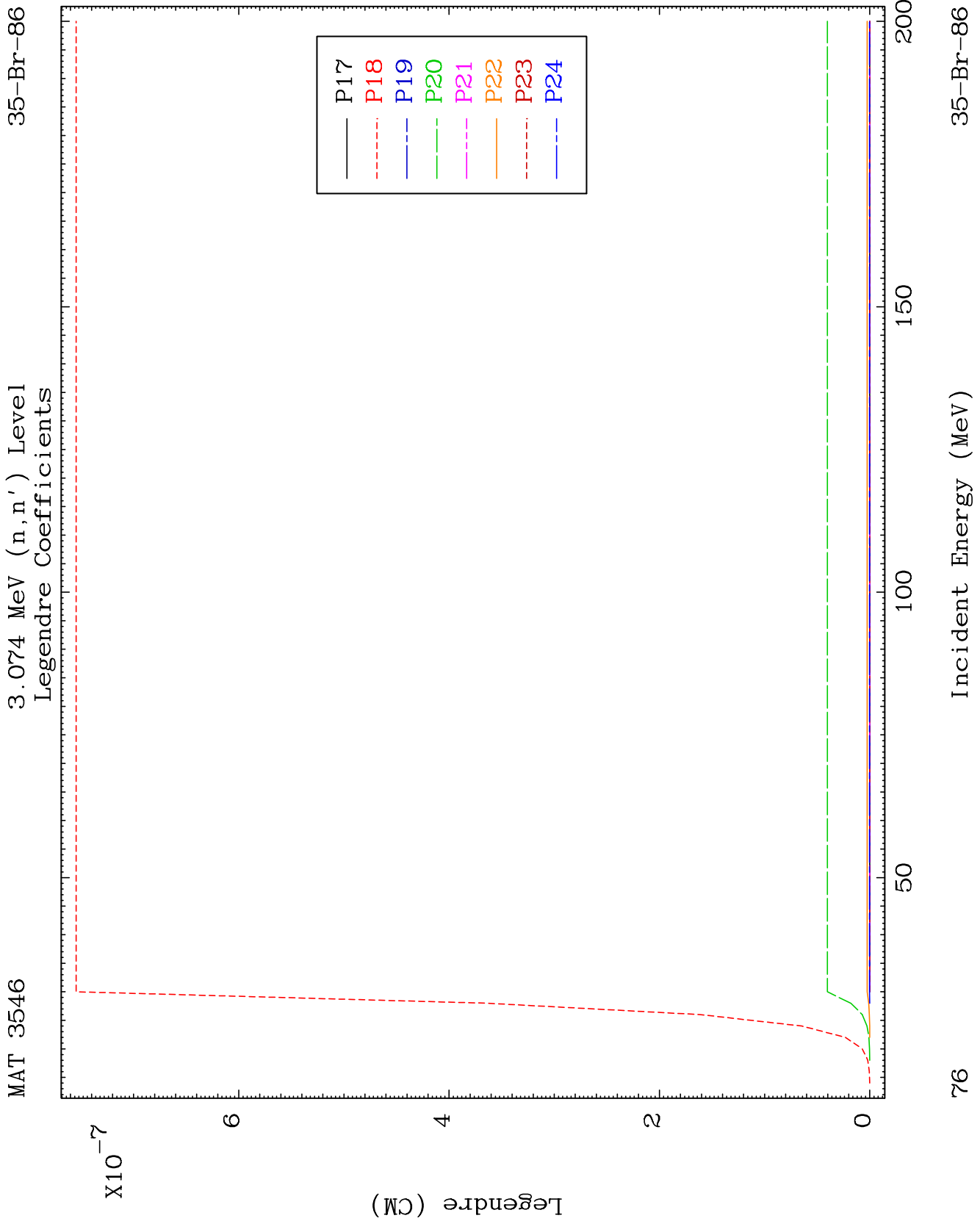


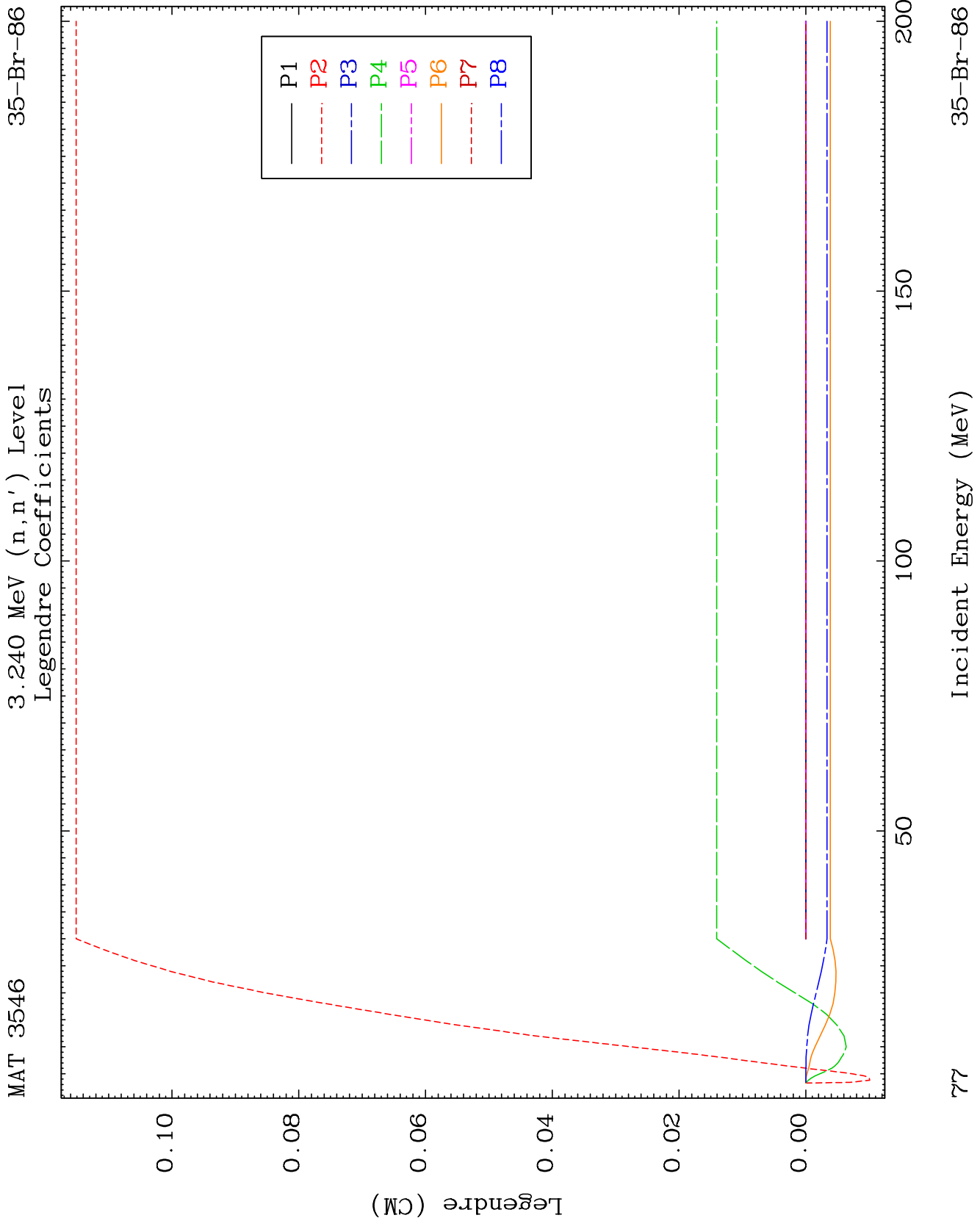


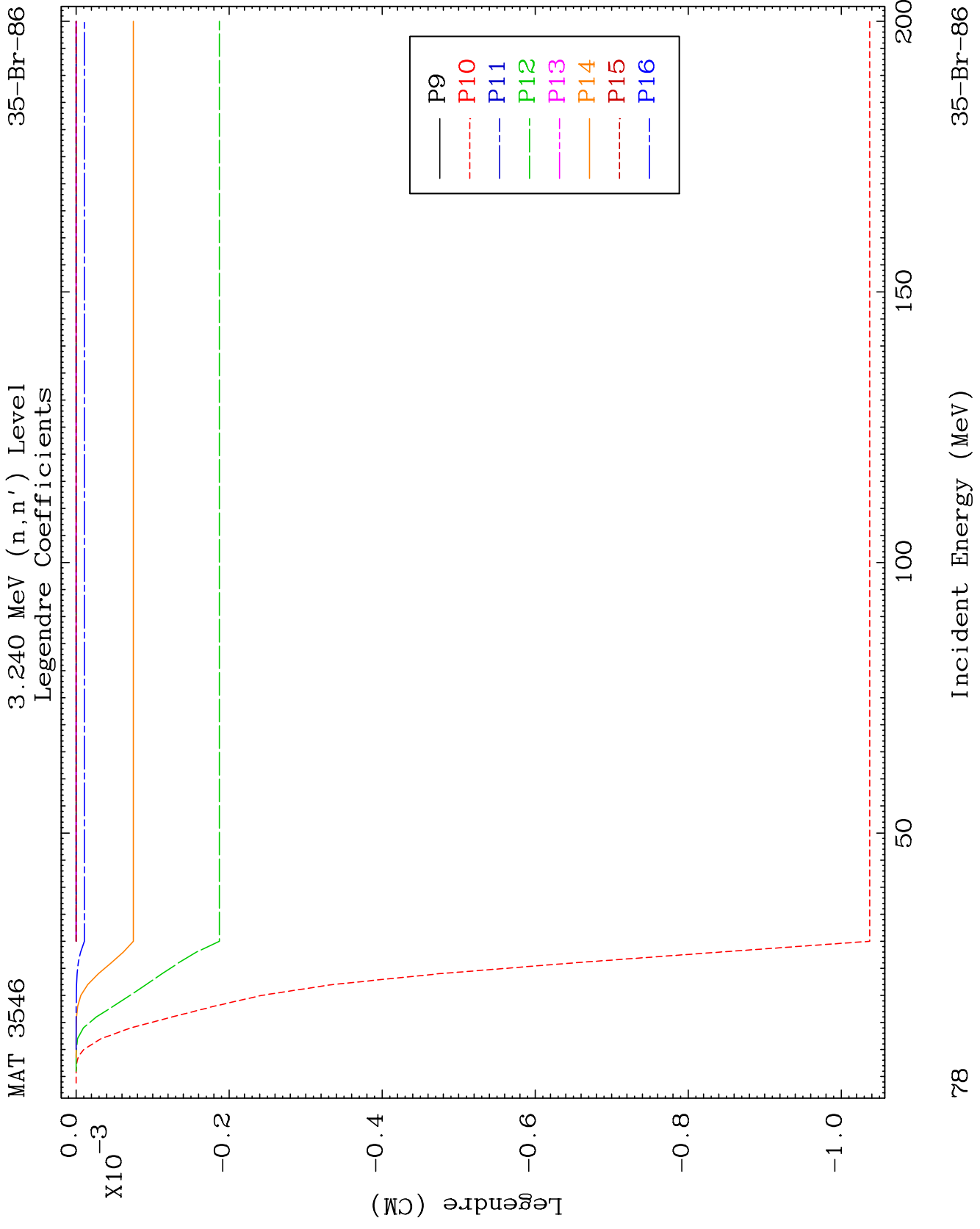


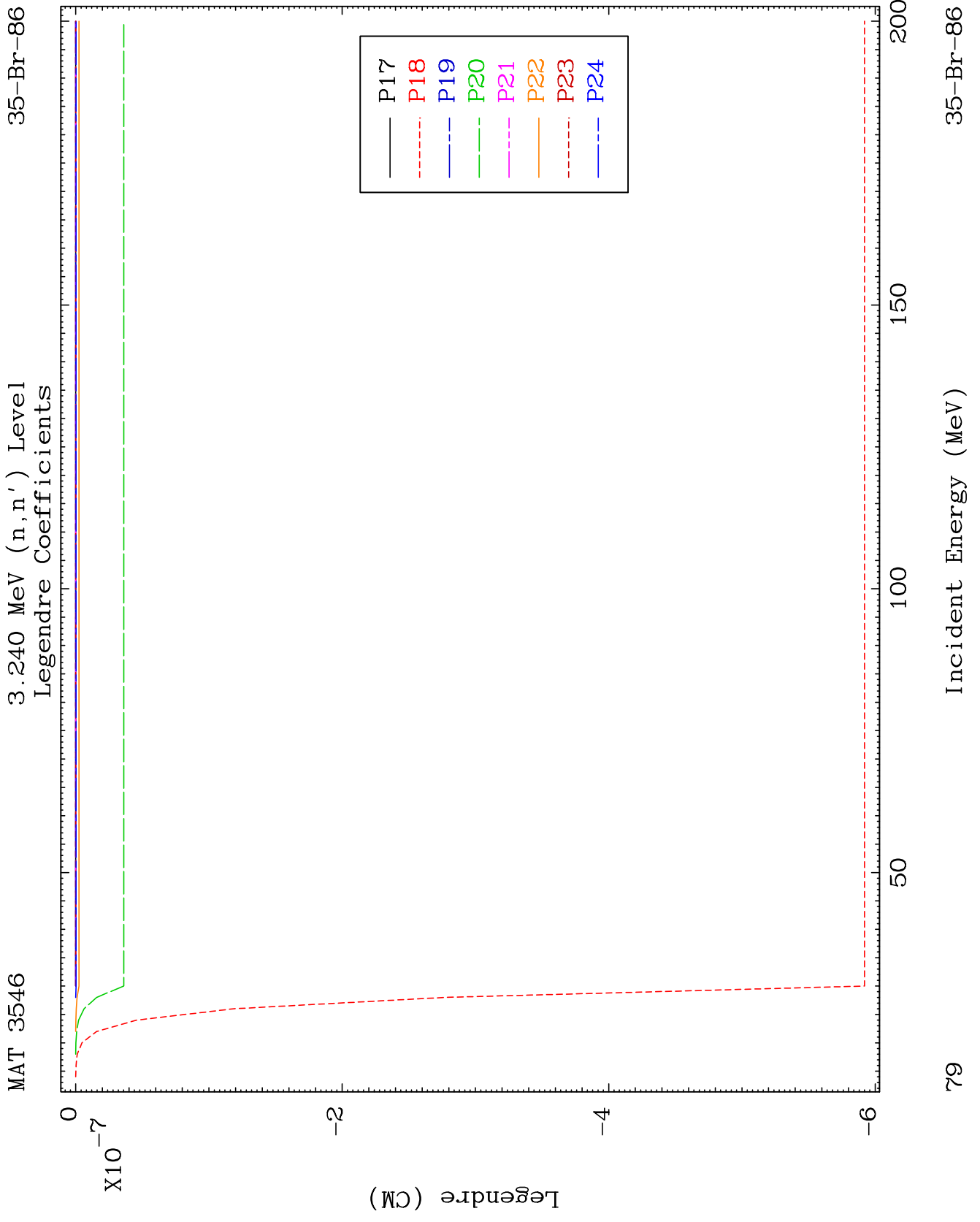


















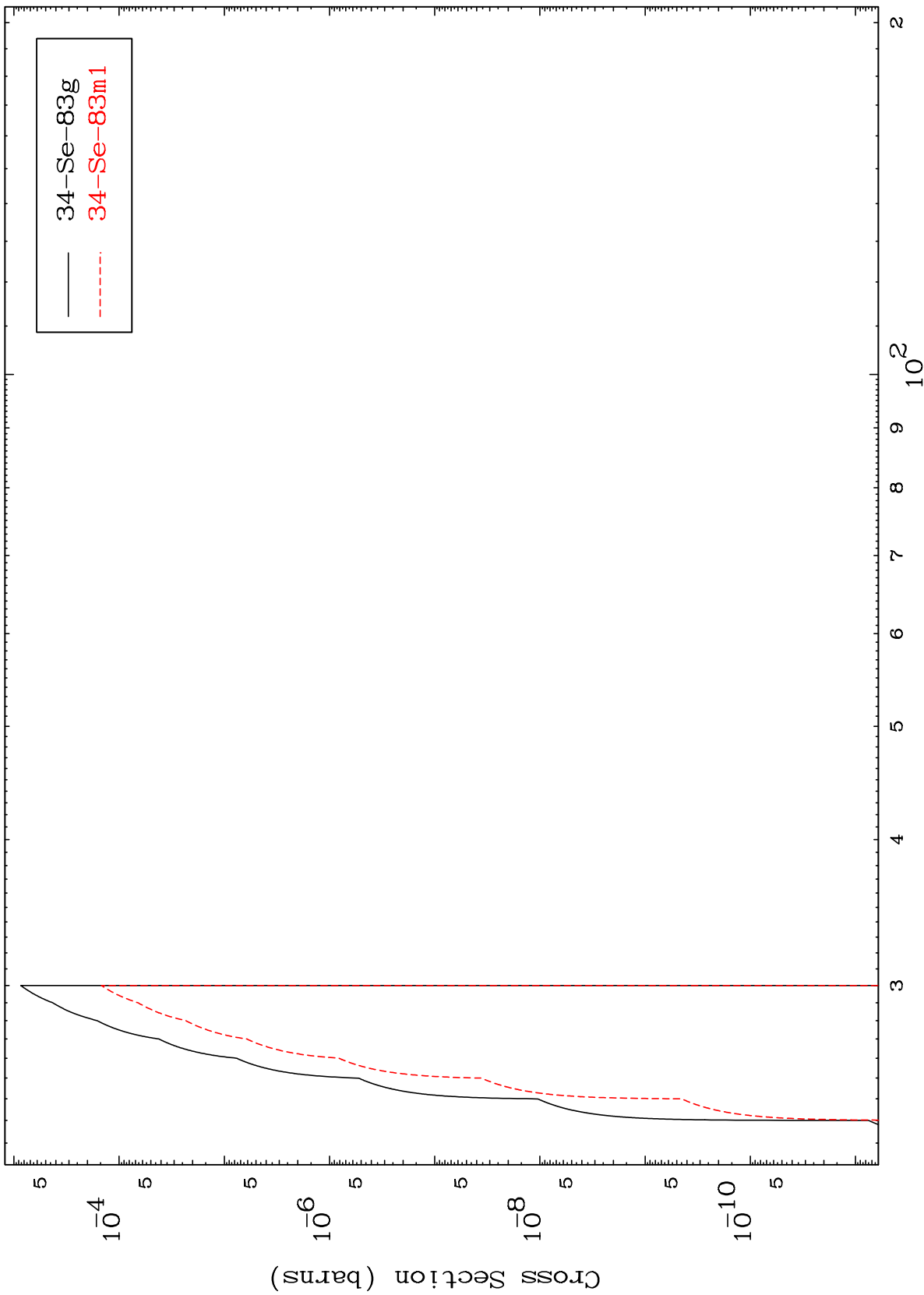


MAT 3546

(n,2n) d

35-Br-86

Radionuclide Production Cross Section



83

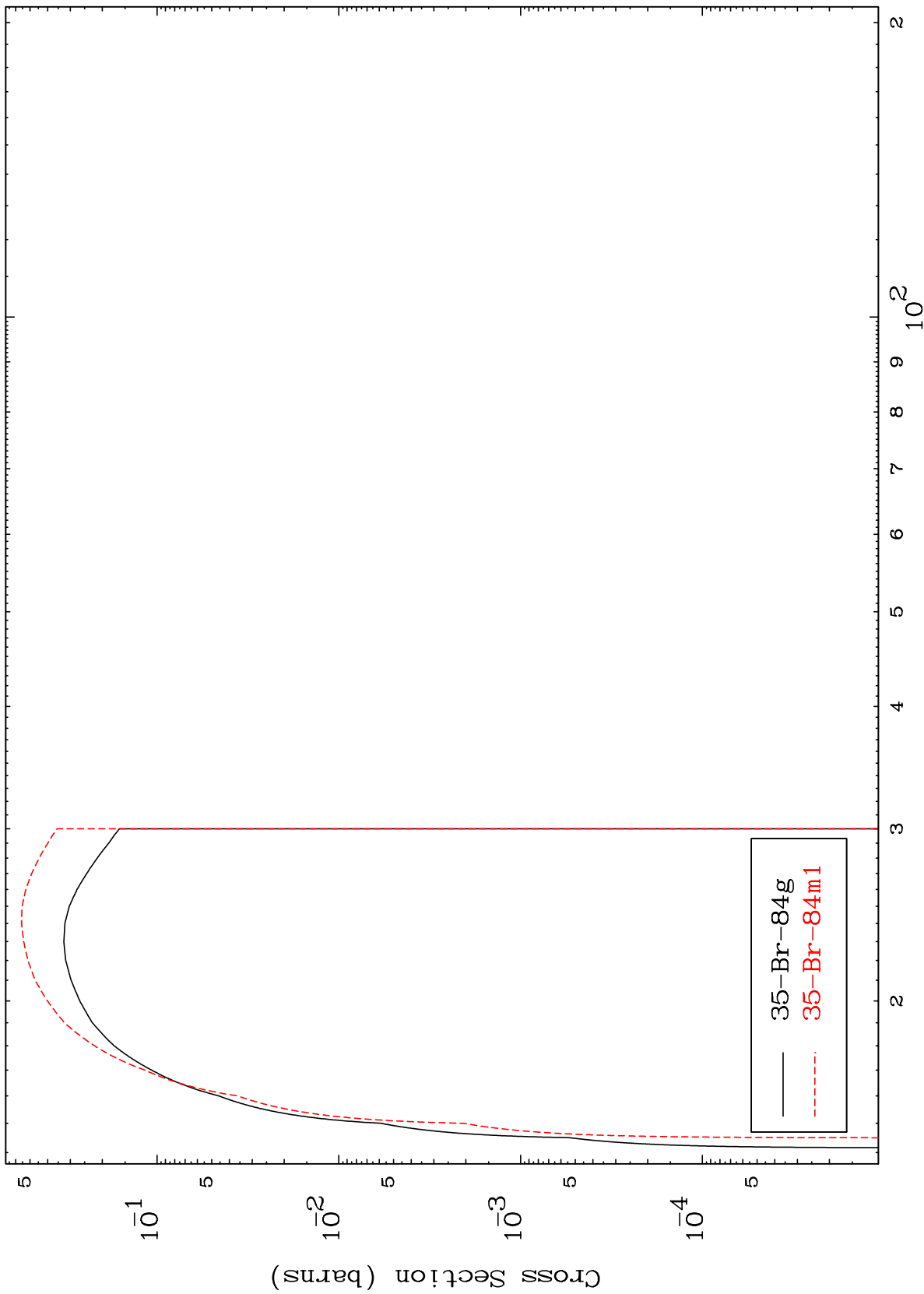
Incident Energy (MeV)

35-Br-86

MAT 3546

35-Br-86

(n,3n)  
Radionuclide Production Cross Section



84

Incident Energy (MeV)

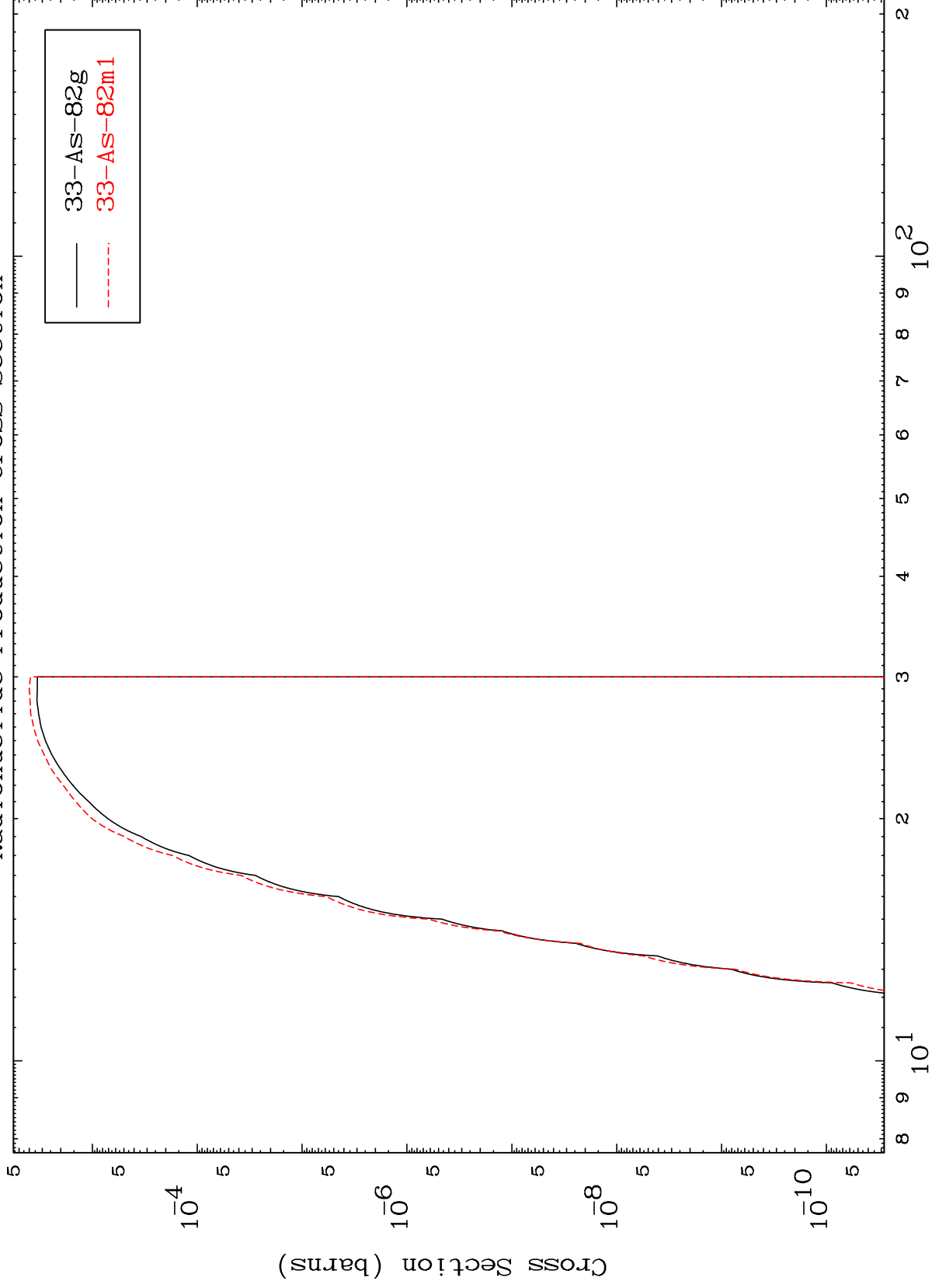
35-Br-86

MAT 3546

$(n, n') \alpha$

35-Br-86

Radionuclide Production Cross Section

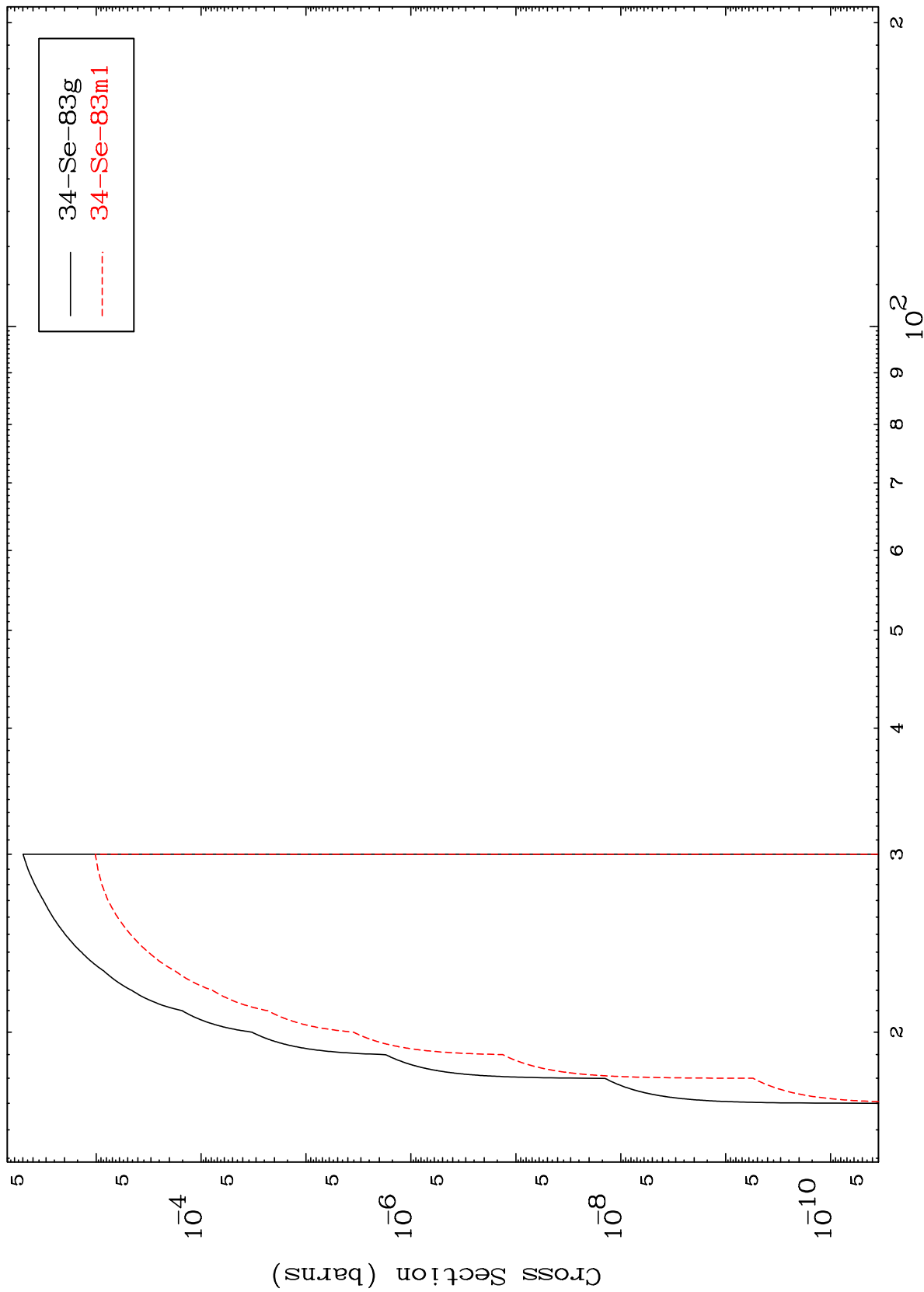


85

Incident Energy (MeV)

35-Br-86

Radionuclide Production Cross Section

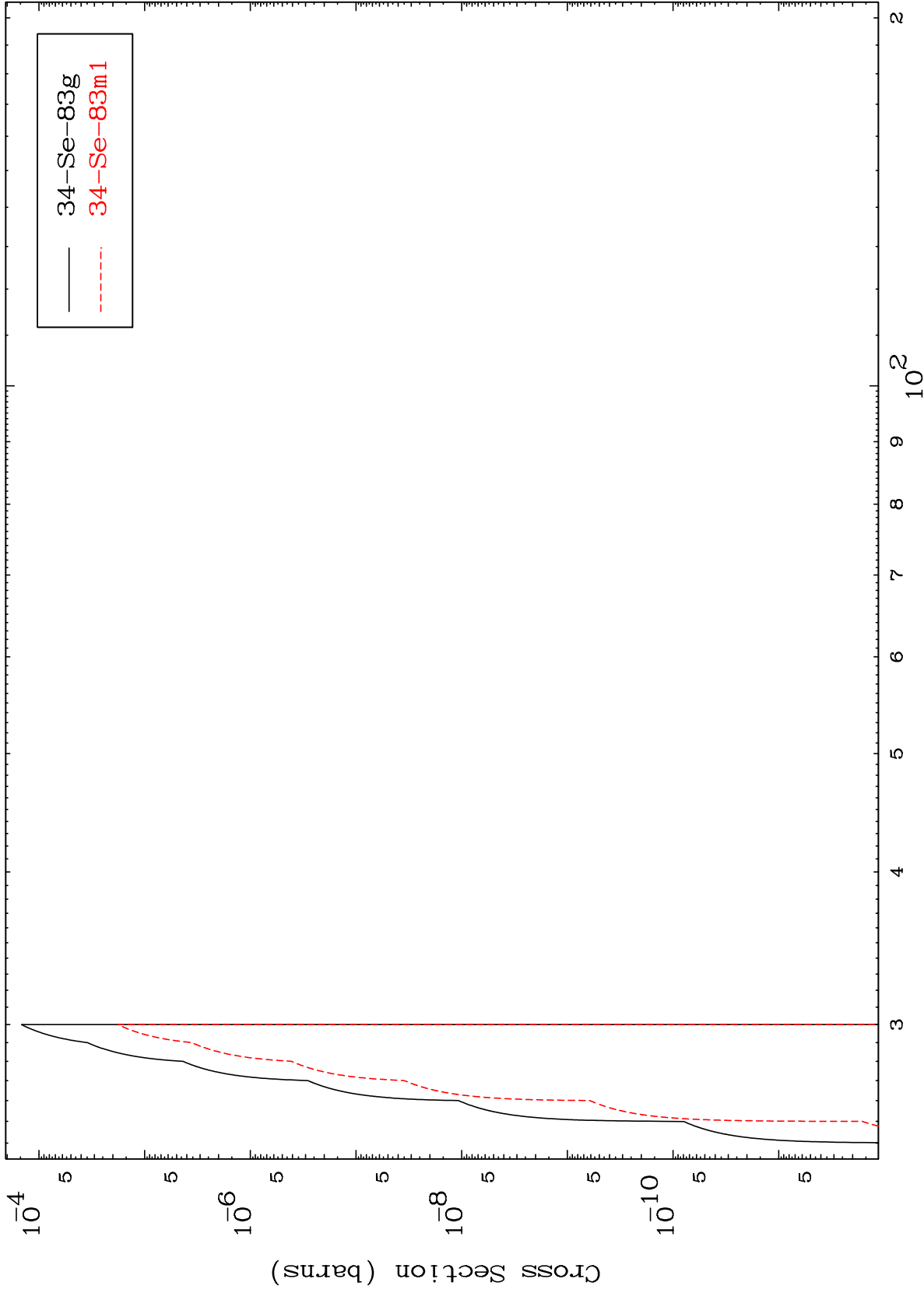


MAT 3546

(n,3n) p

35-Br-86

Radionuclide Production Cross Section



87

Incident Energy (MeV)

35-Br-86