

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

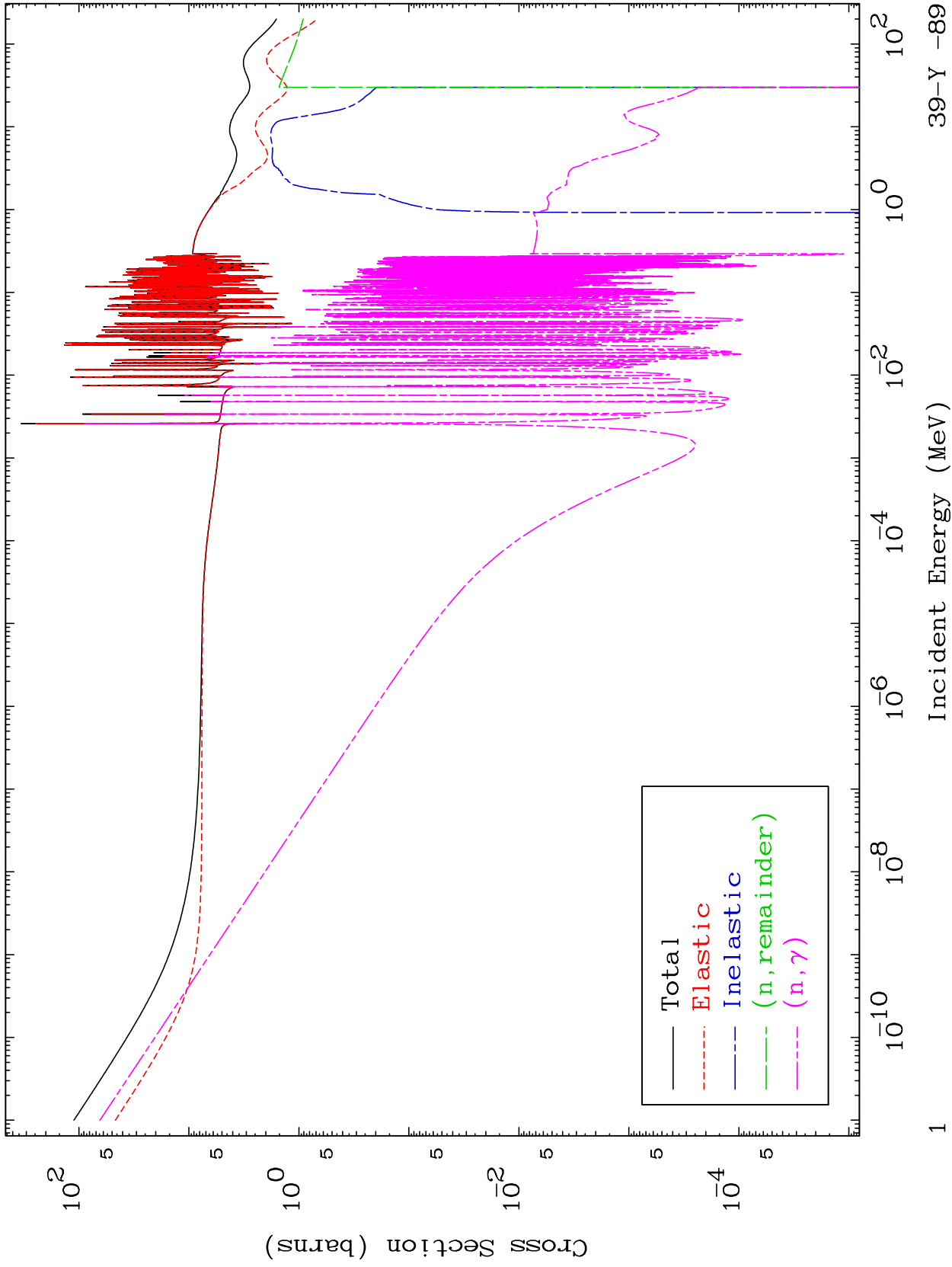
Press Mouse Button to Start

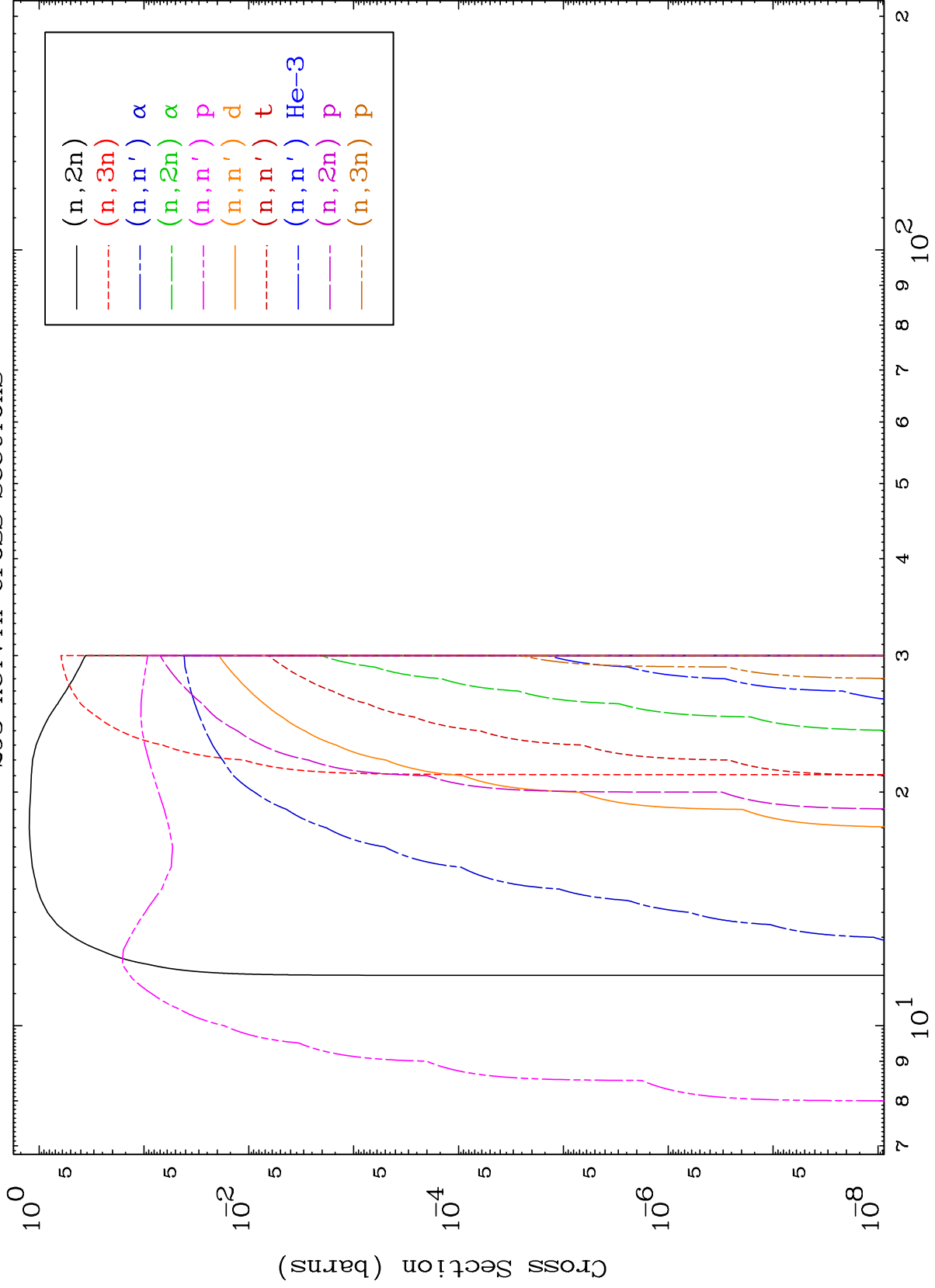
MAT 3925

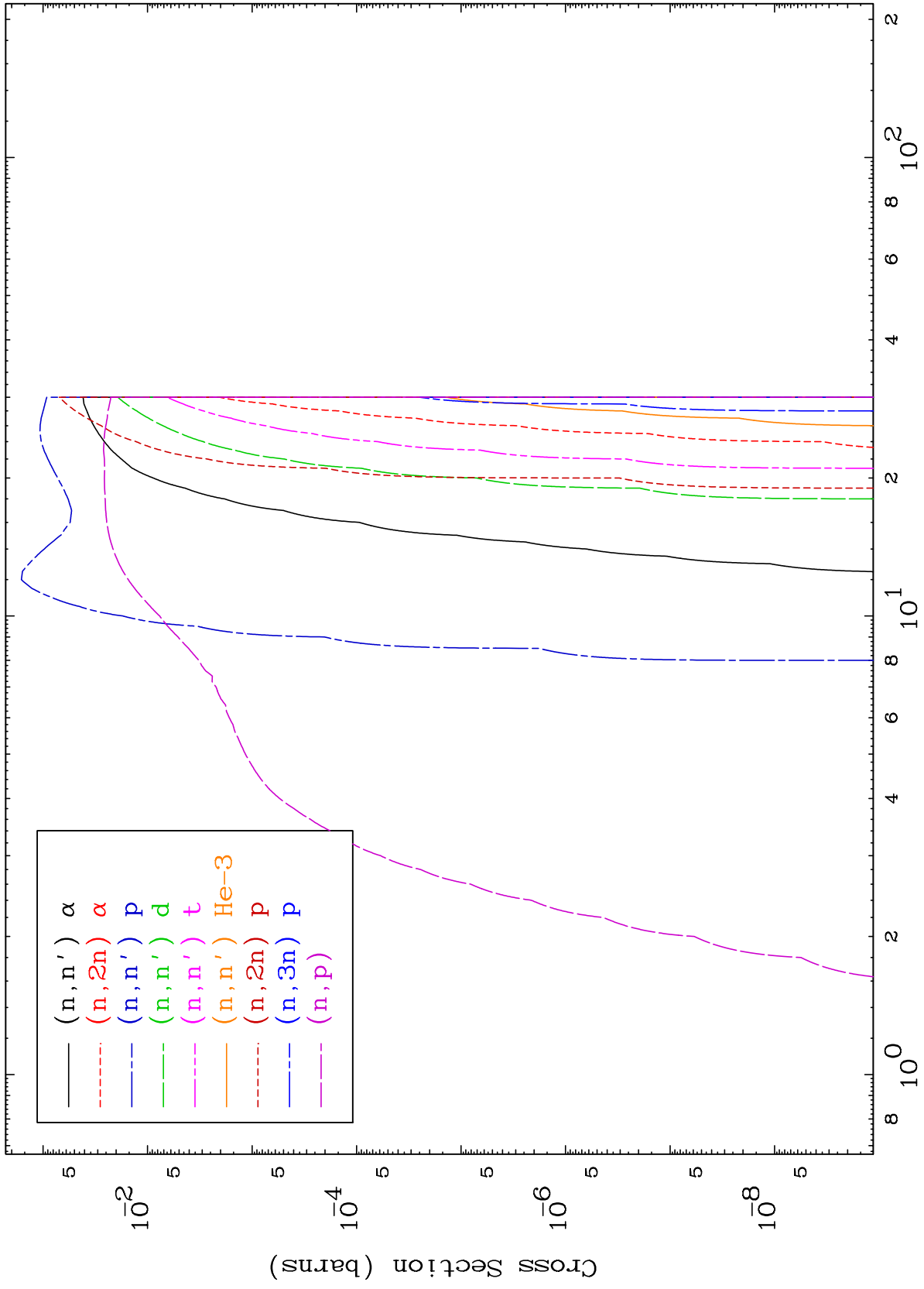
Major

293 Kelvin Cross Sections

39-Y -89



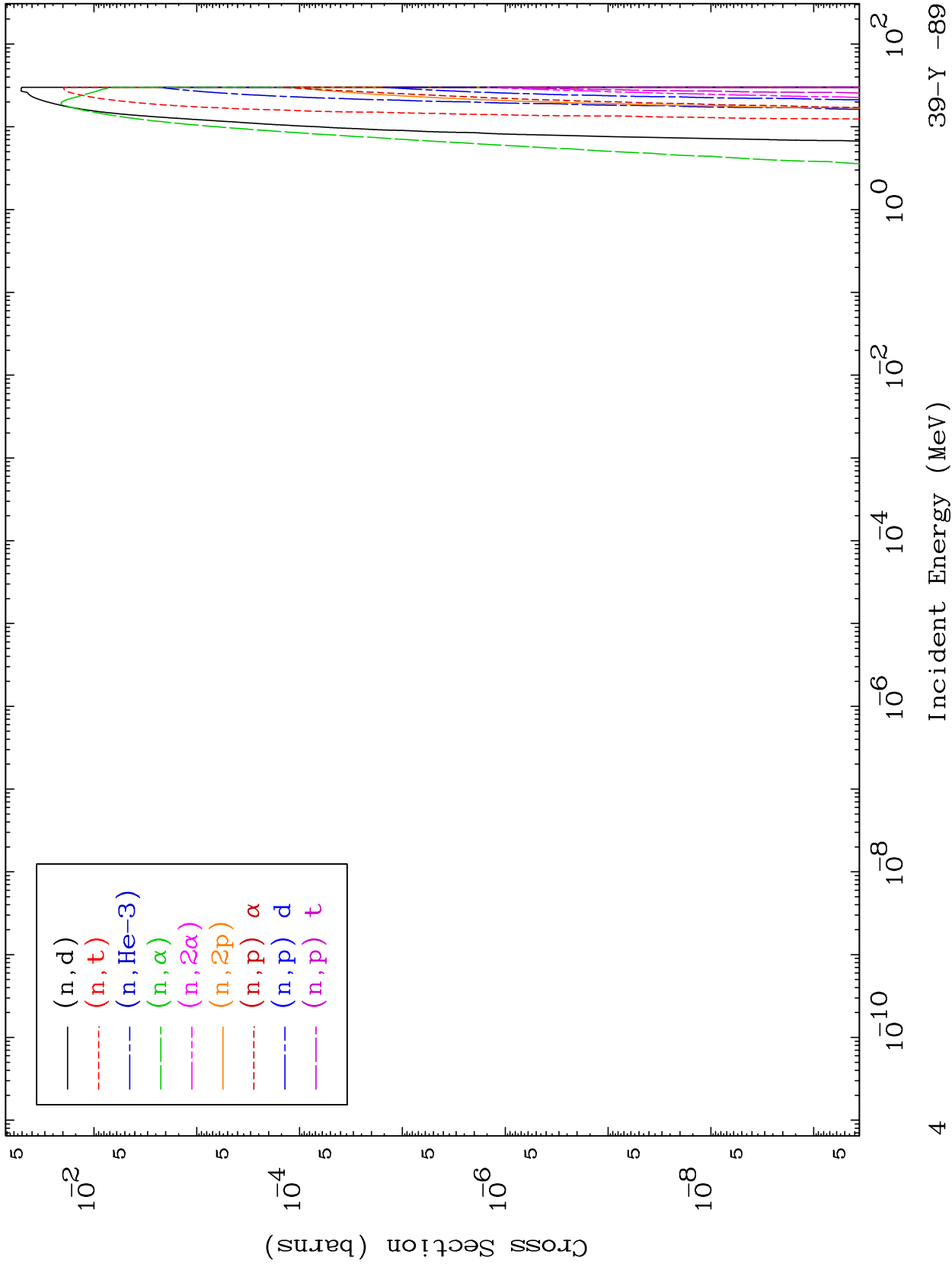


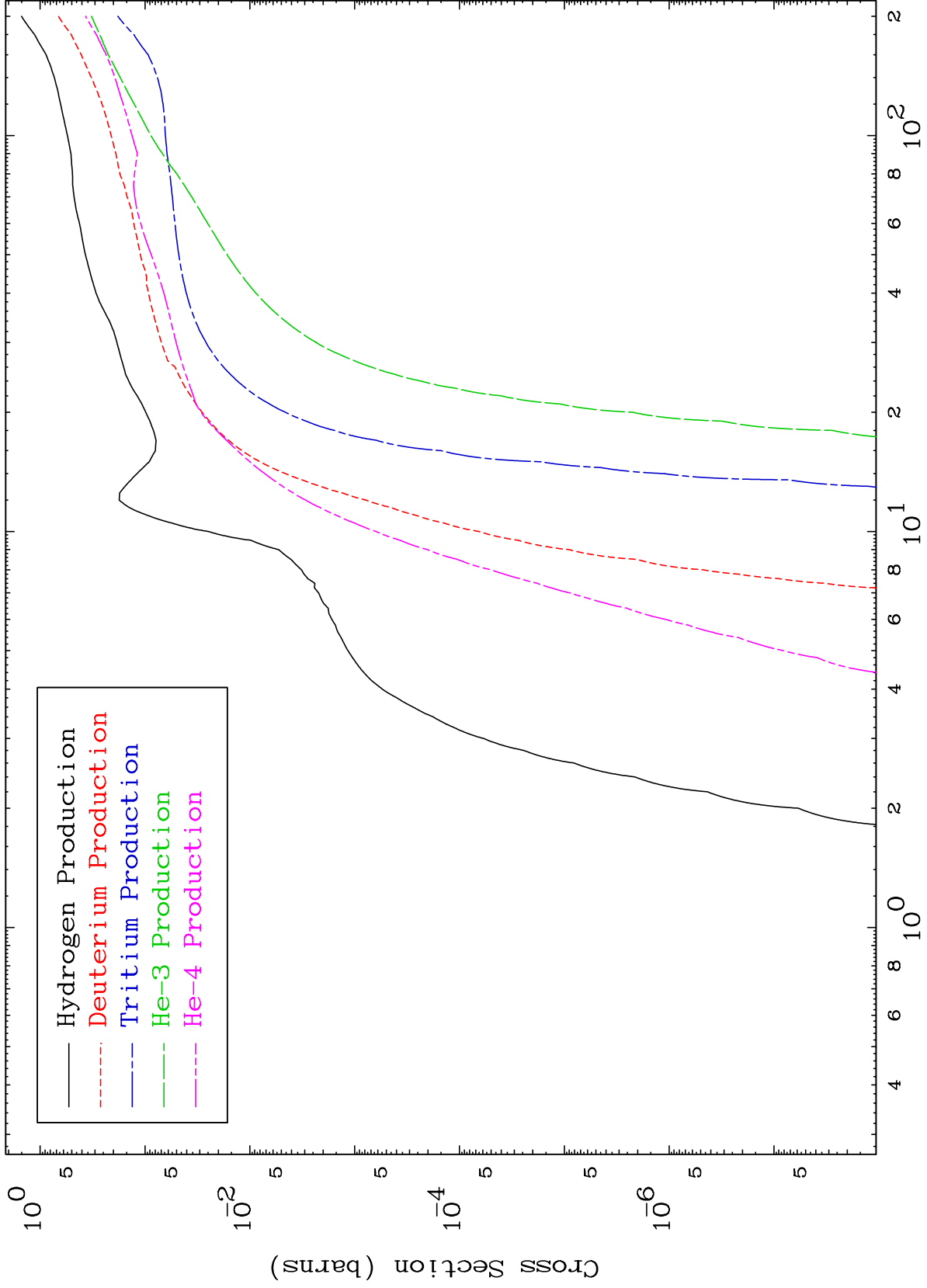


MAT 3925

Charged Particle
293 Kelvin Cross Sections

39-Y -89

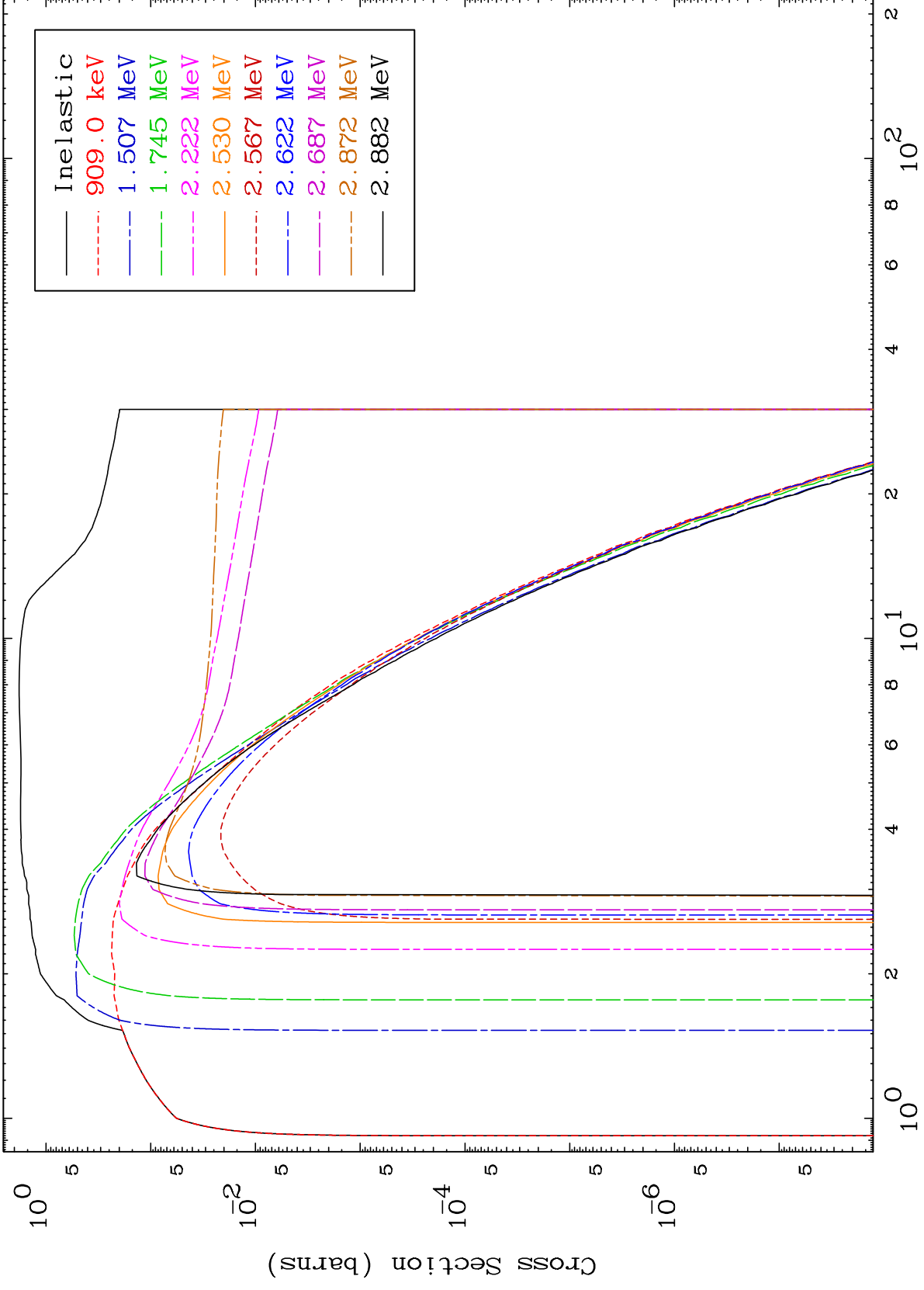




MAT 3925

(n,n') Level
293 Kelvin Cross Sections

39-Y -89



39-Y -89

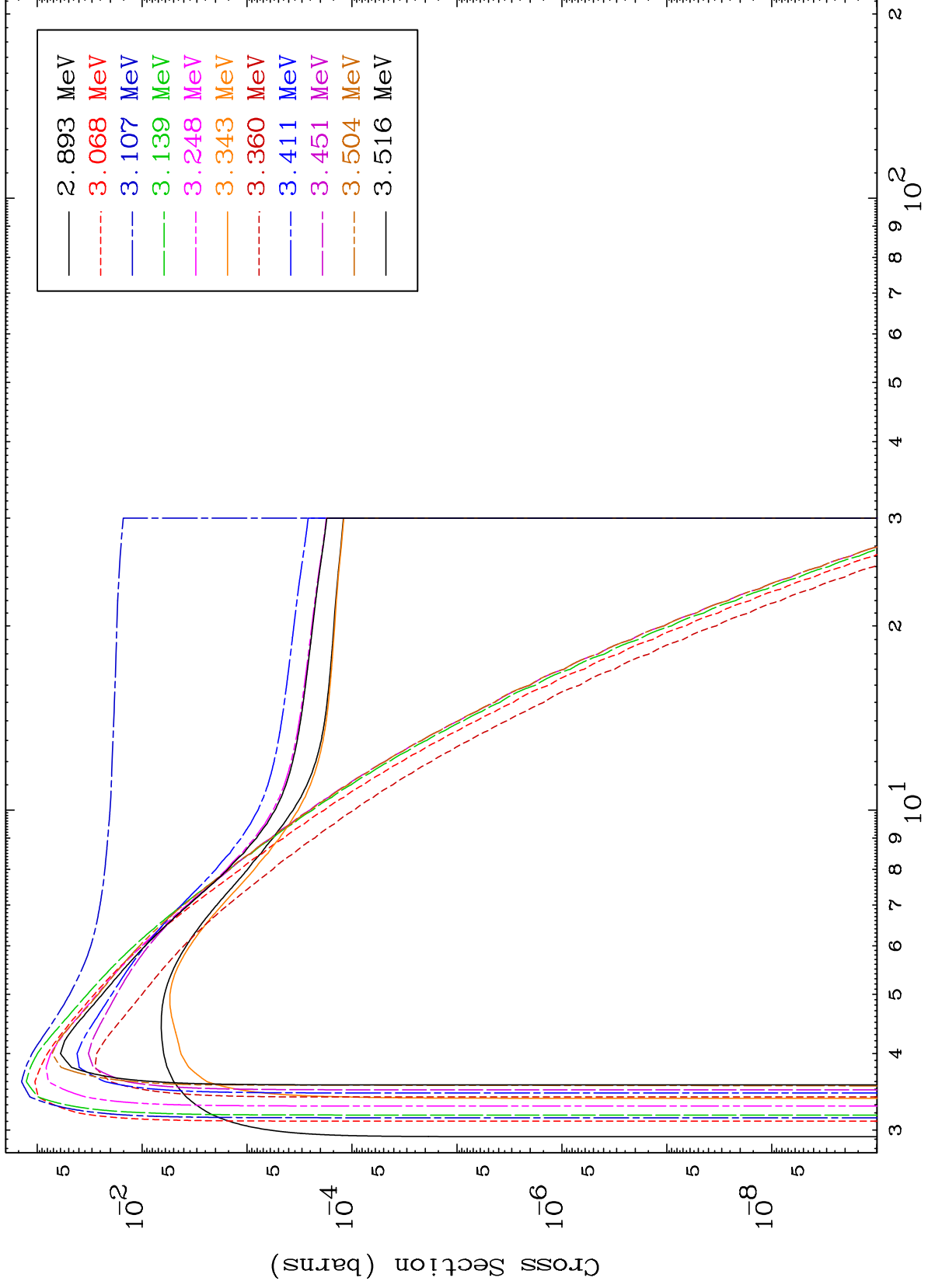
Incident Energy (MeV)

6

MAT 3925

(n,n') Level
293 Kelvin Cross Sections

39-Y -89

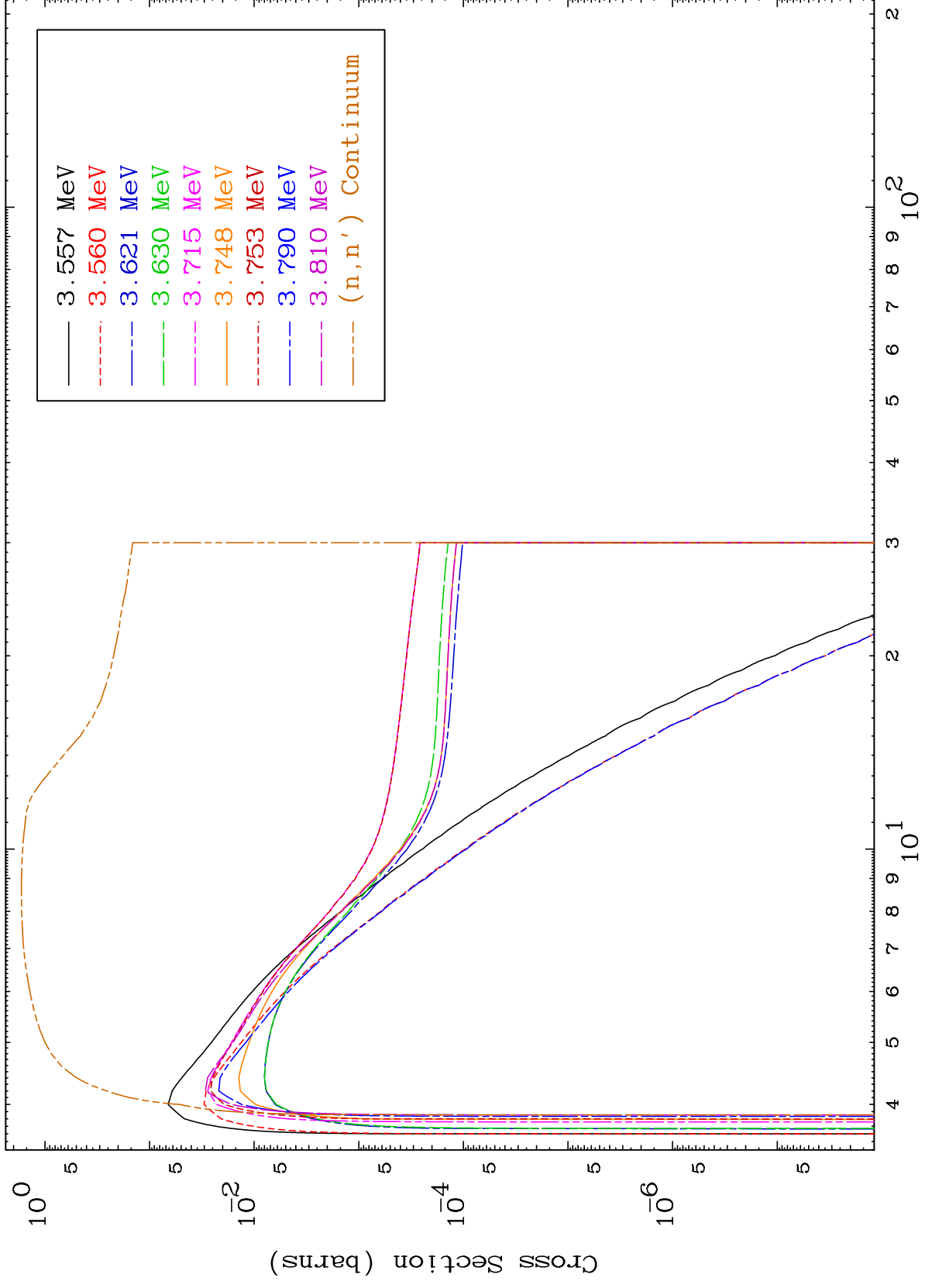


7

Incident Energy (MeV)

39-Y -89

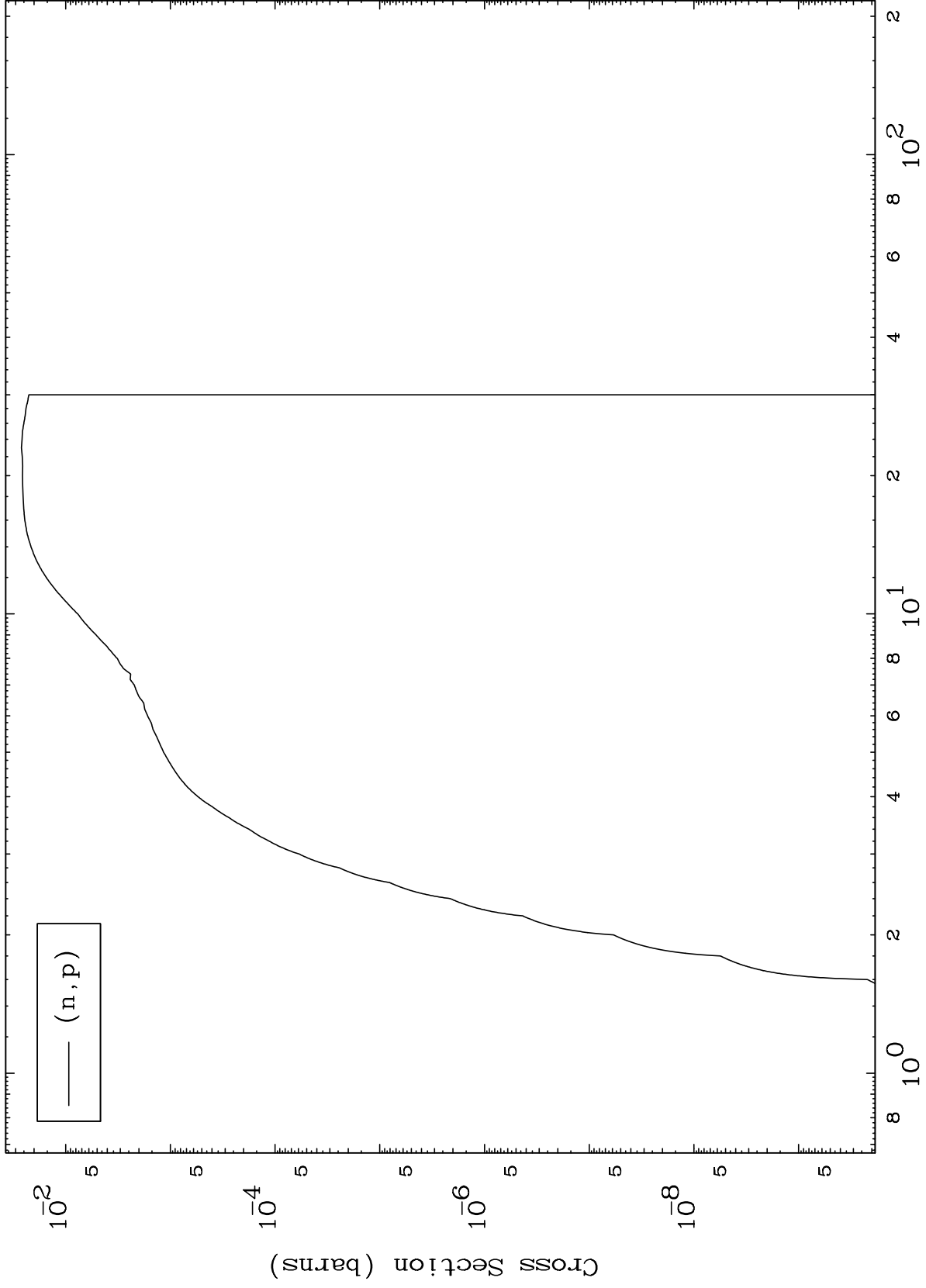
293 Kelvin Cross Sections



MAT 3925

(n,p) Levels
293 Kelvin Cross Sections

39-Y -89



9

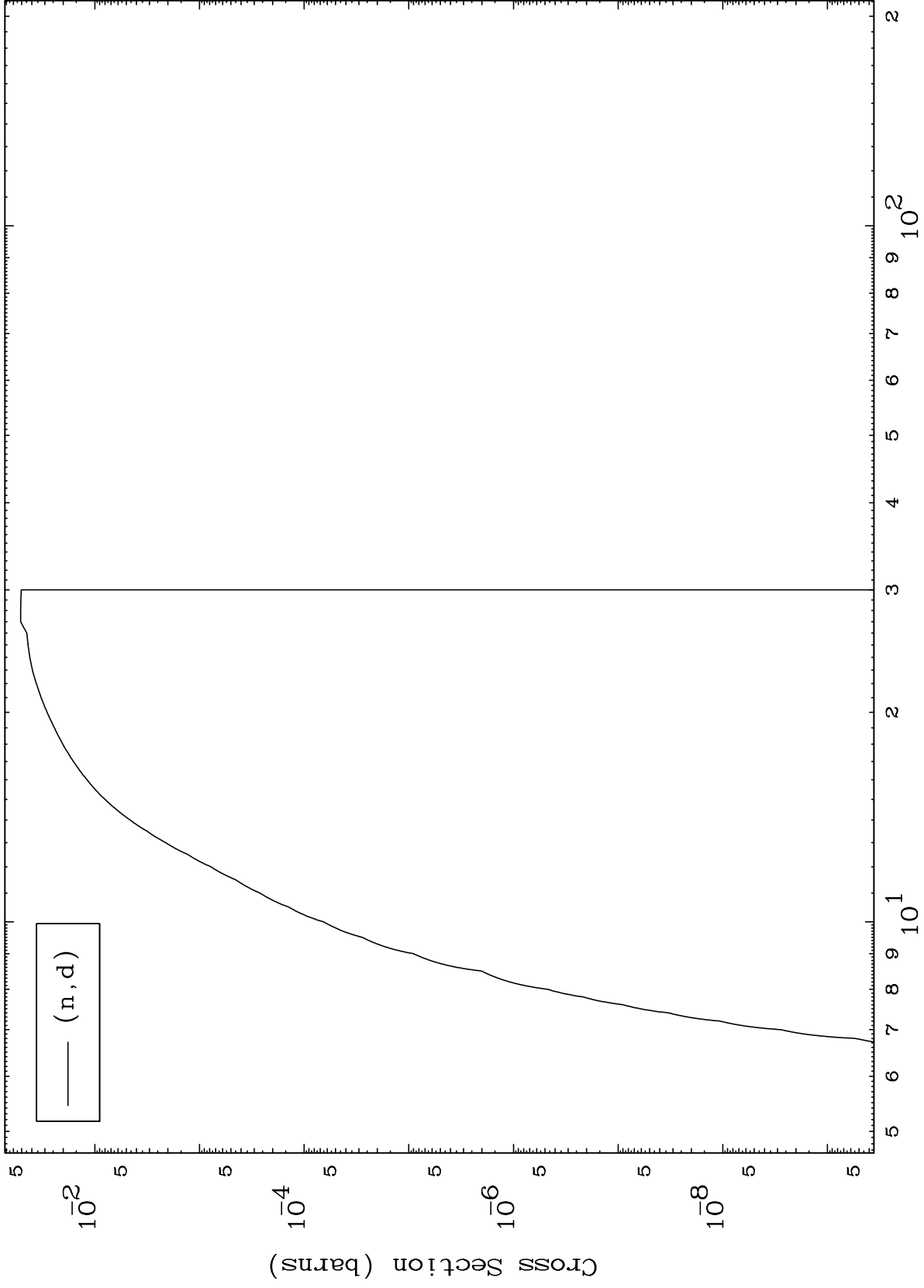
Incident Energy (MeV)

39-Y -89

MAT 3925

(n,d) Levels
293 Kelvin Cross Sections

39-Y -89



10

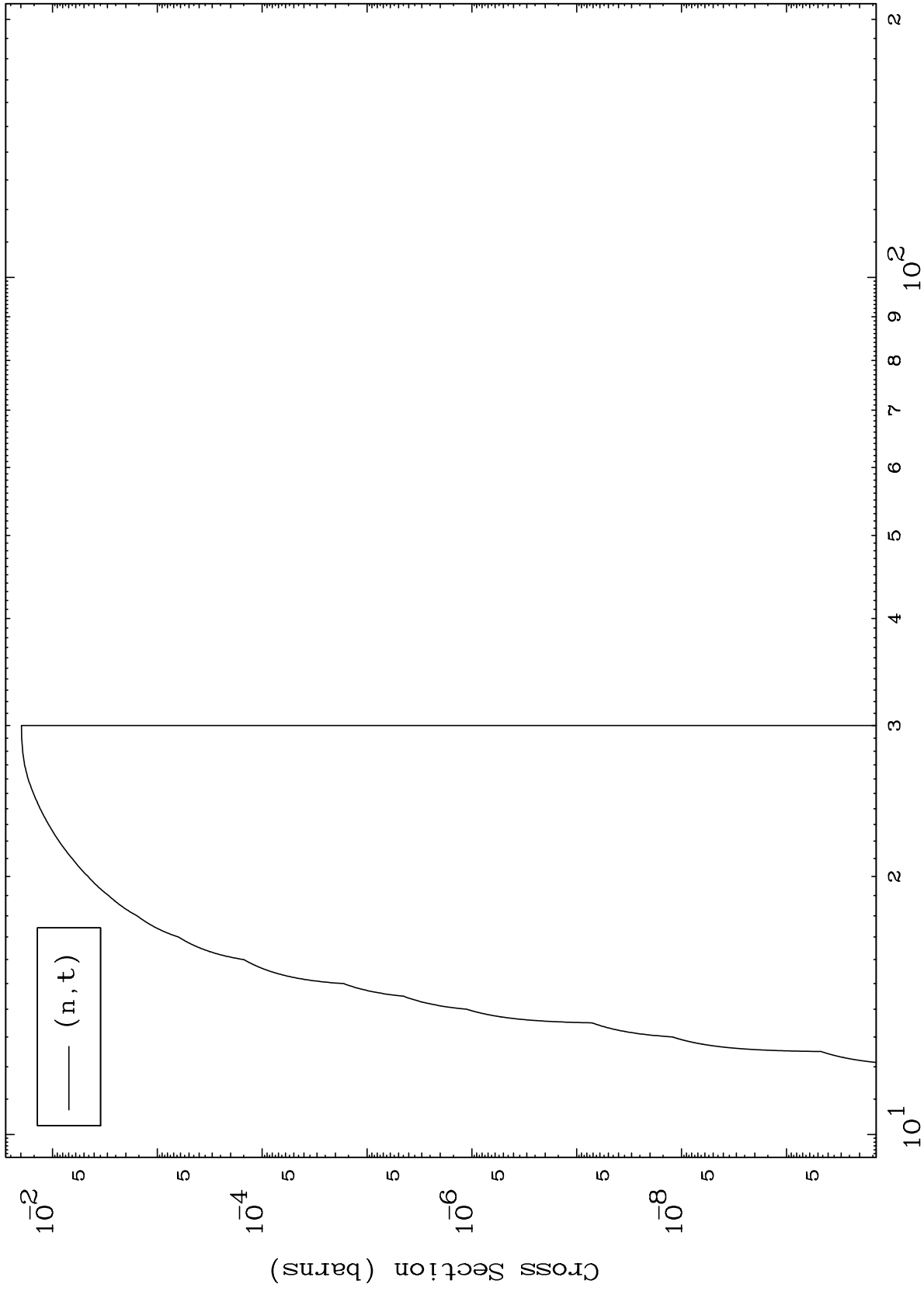
Incident Energy (MeV)

39-Y -89

MAT 3925

(n,t) Levels
293 Kelvin Cross Sections

39-Y -89



11

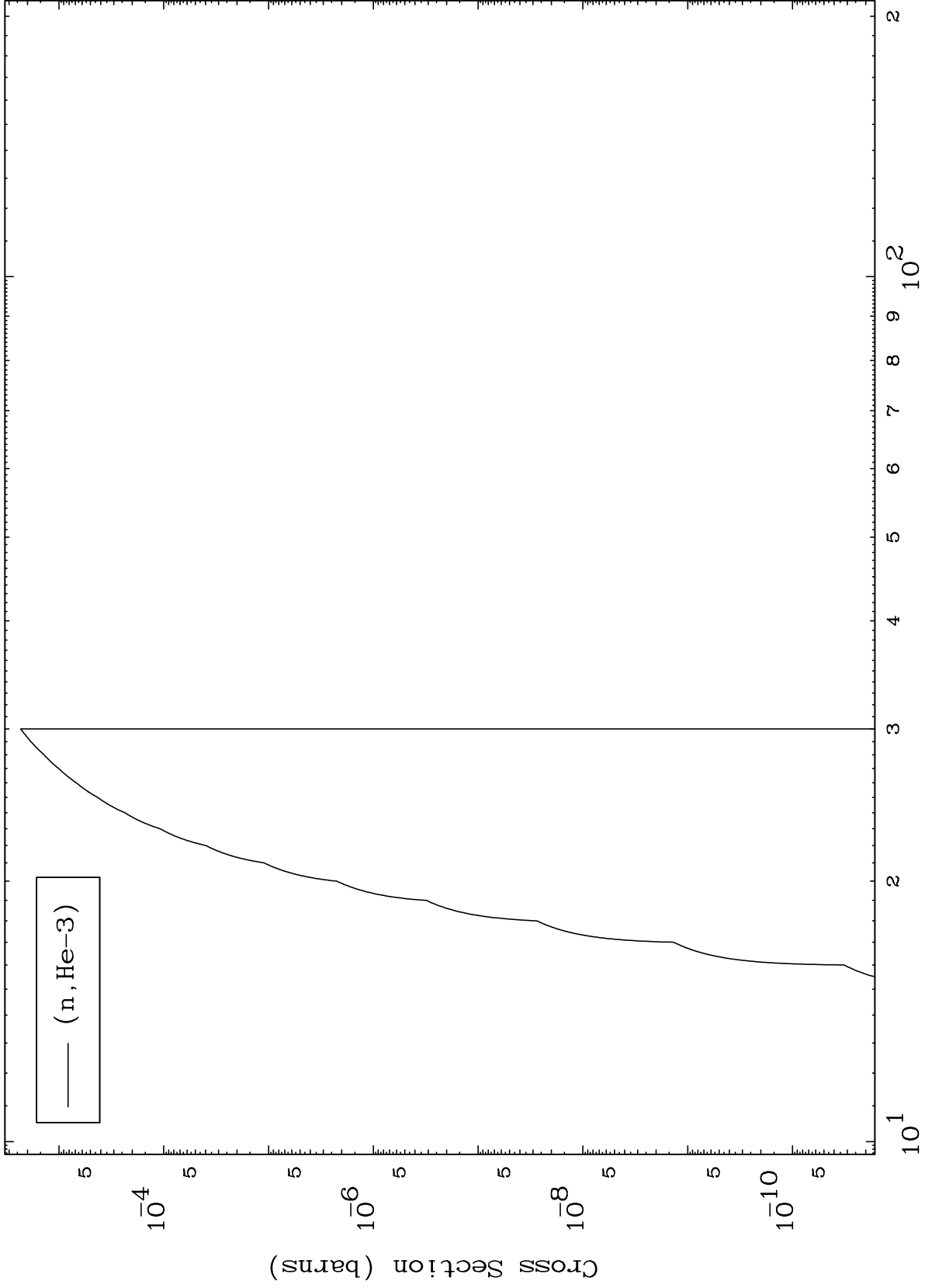
Incident Energy (MeV)

39-Y -89

MAT 3925

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -89



12

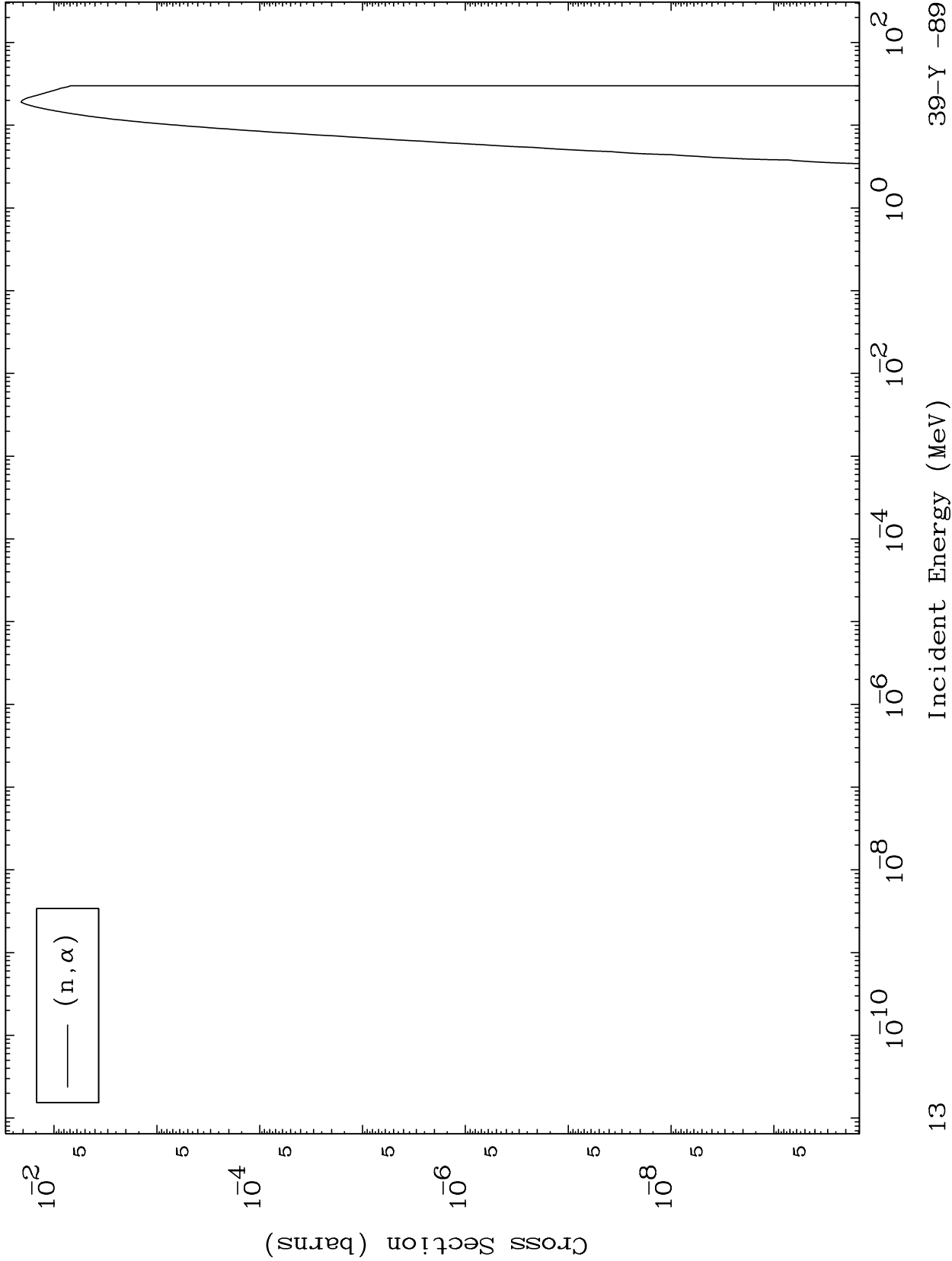
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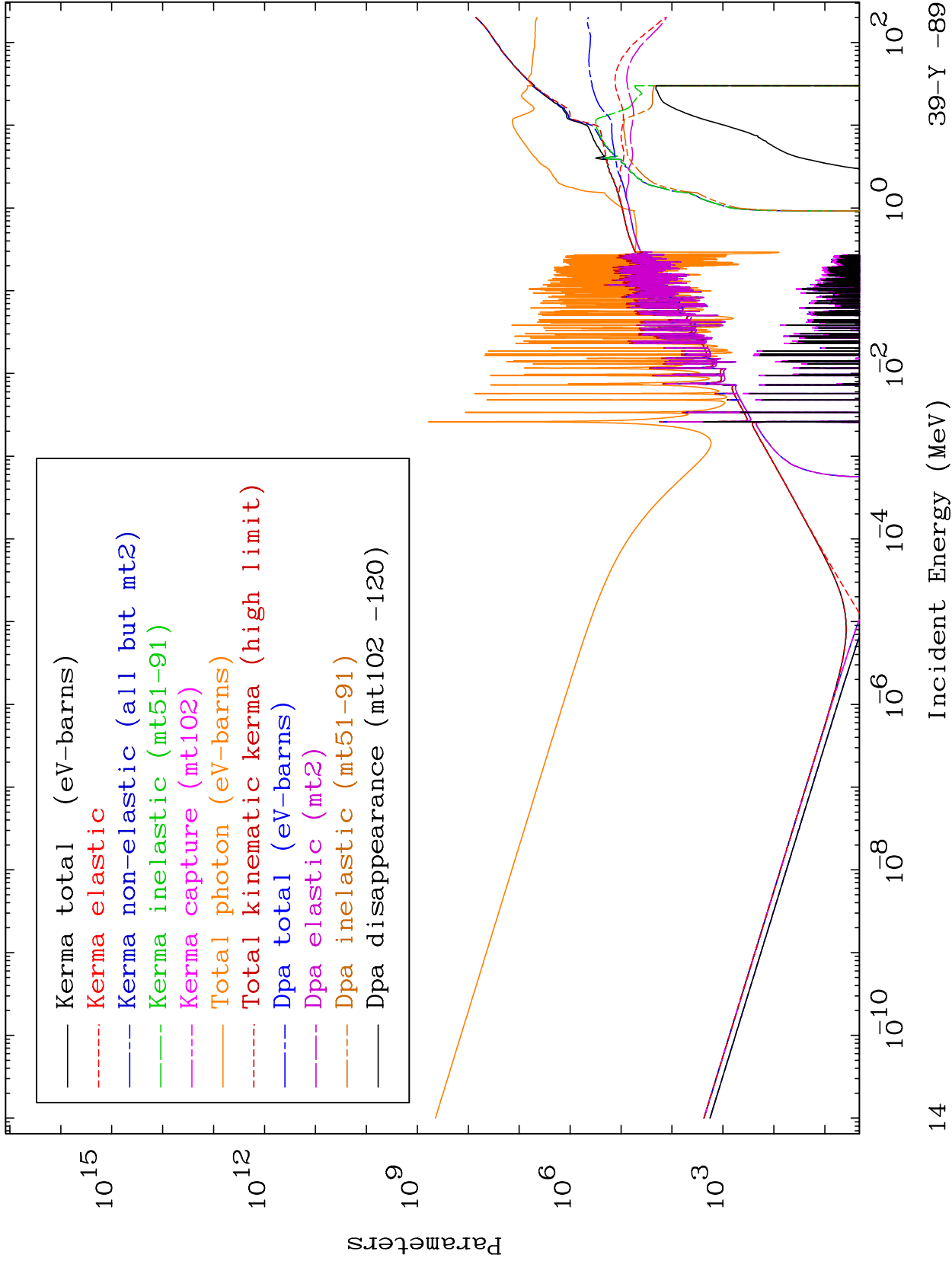
39-Y -89

MAT 3925

(n, α) Levels
293 Kelvin Cross Sections

39-Y -89

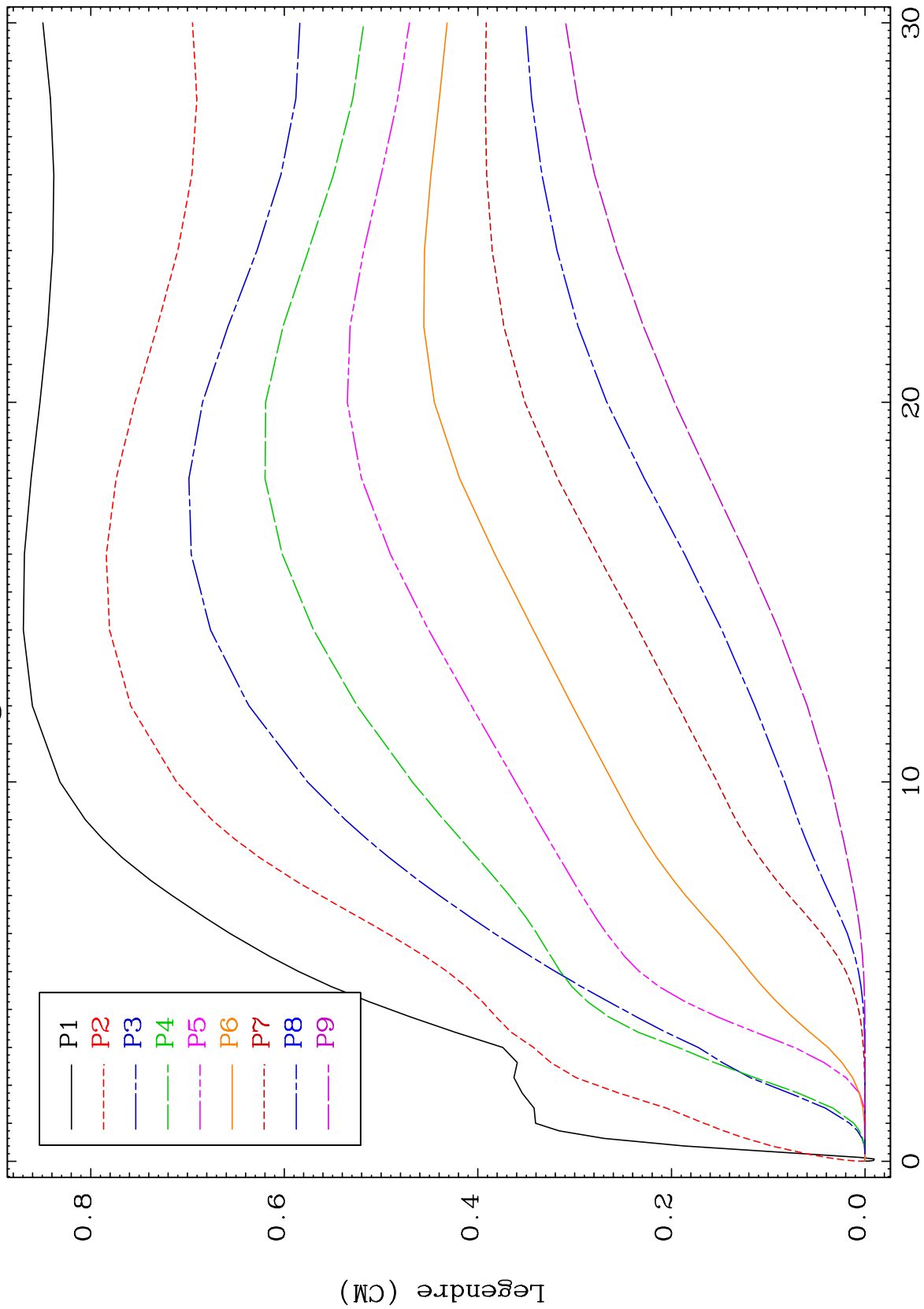




MAT 3925

Elastic Legendre Coefficients

39-Y -89



15

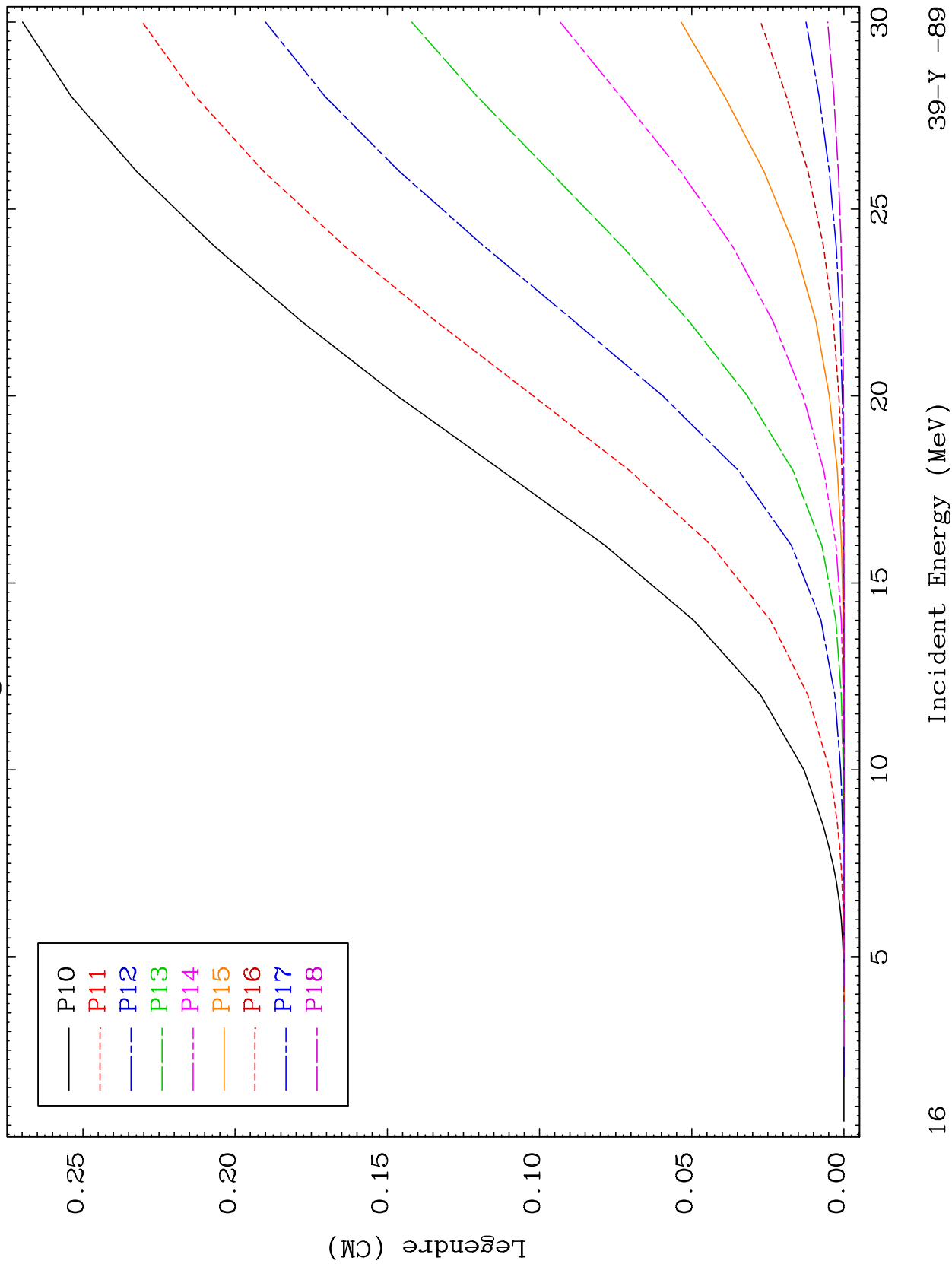
Incident Energy (MeV)

39-Y -89

MAT 3925

Elastic Legendre Coefficients

39-Y -89



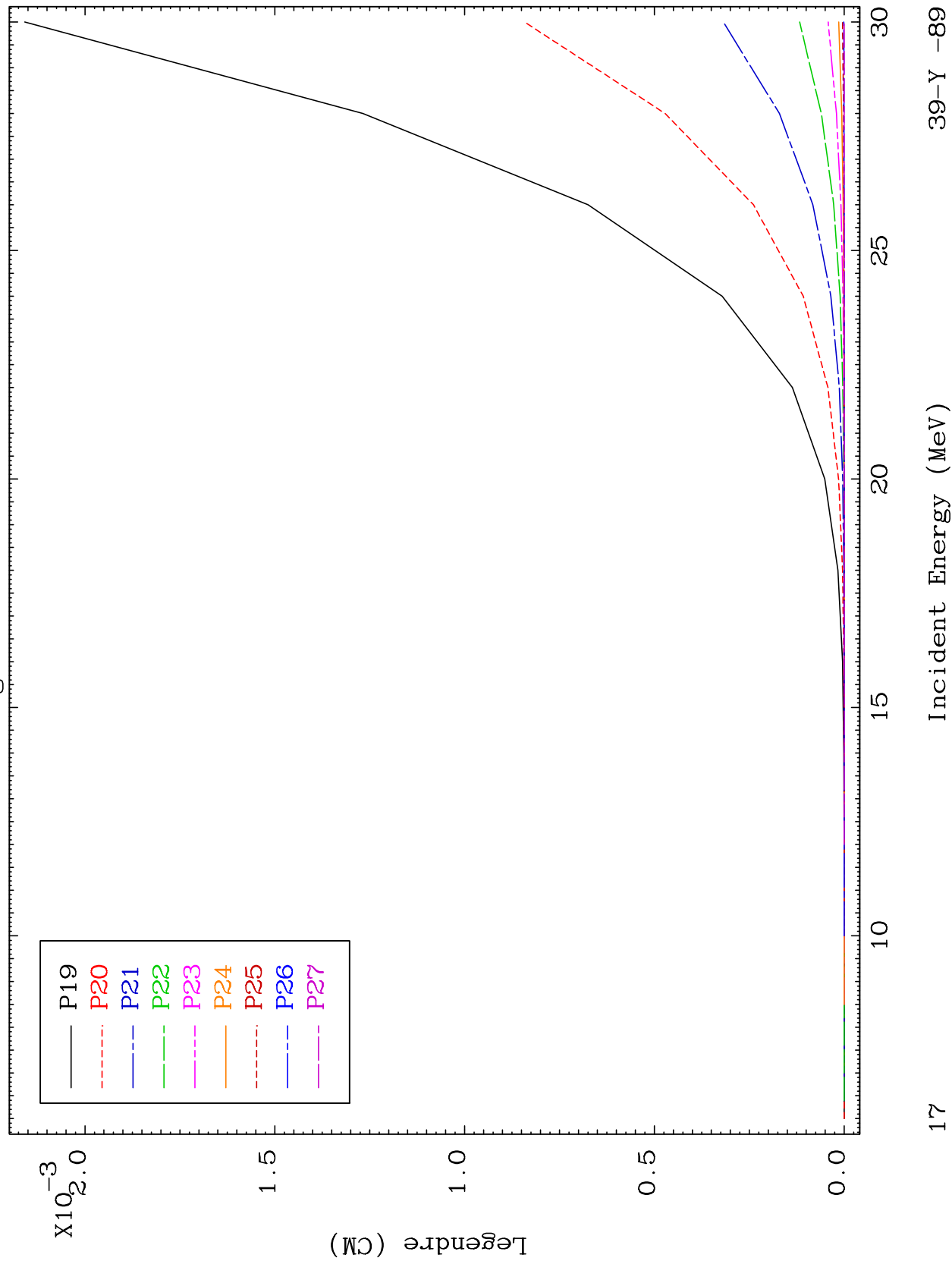
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39-Y -89

MAT 3925

Elastic Legendre Coefficients

39-Y -89



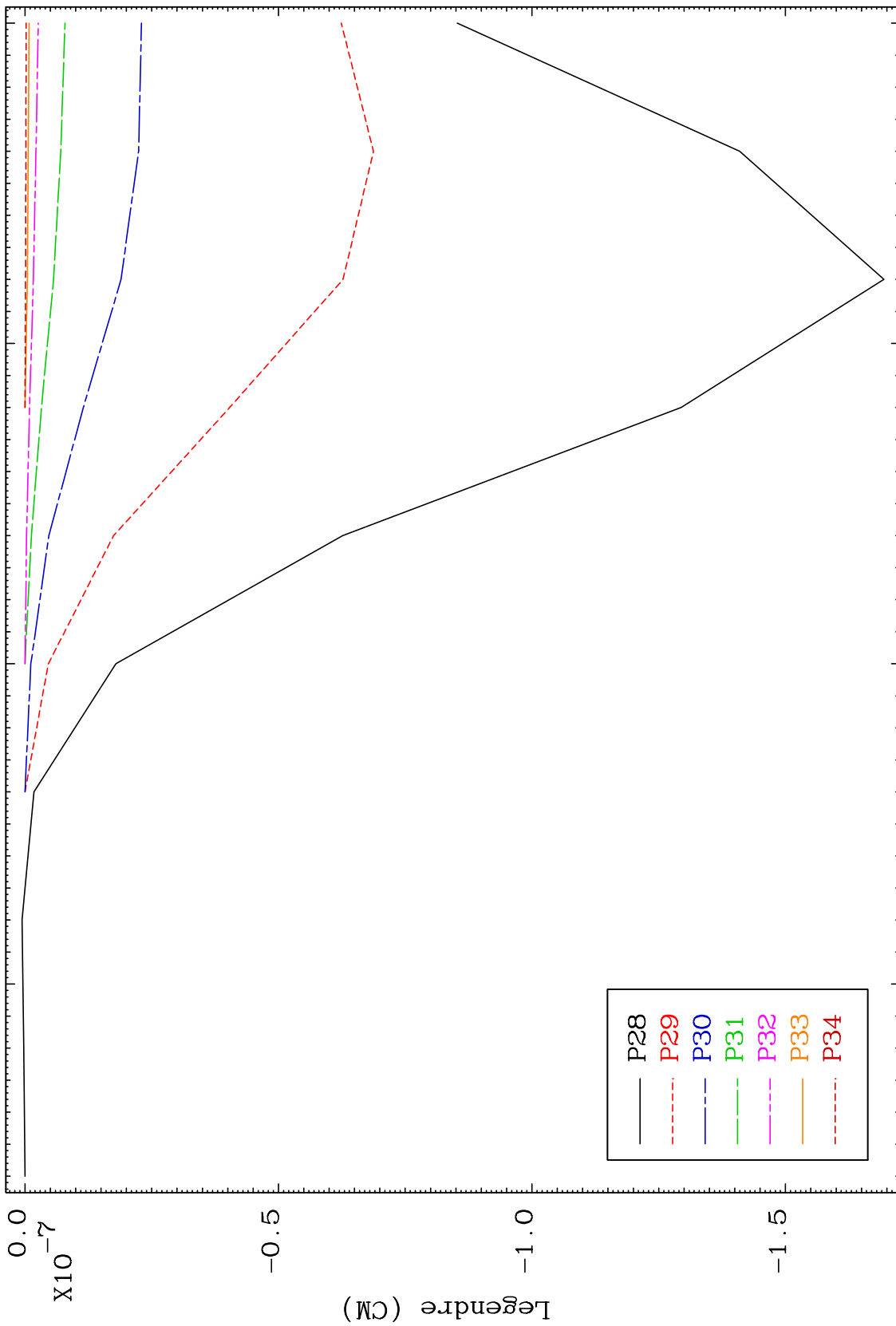
- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

17

MAT 3925

39-Y -89

Elastic Legendre Coefficients



10^{-7}

-0.5

-1.0

-1.5

15

20

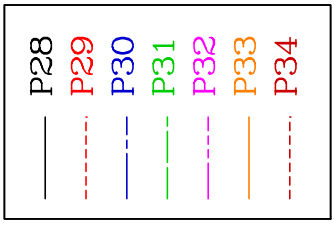
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30

18

Incident Energy (MeV)

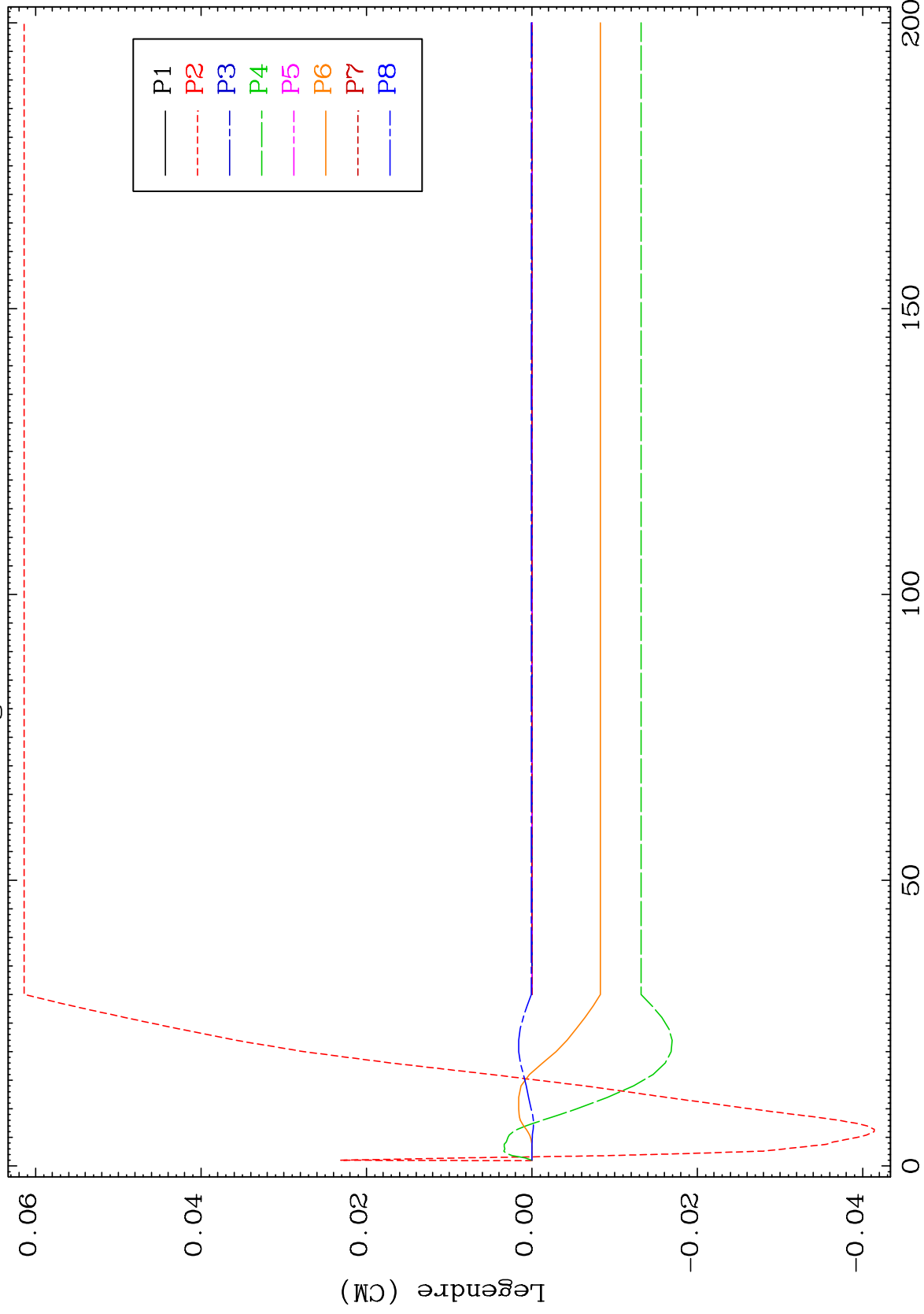
39-Y -89



MAT 3925

909.0 keV (n,n') Level
Legendre Coefficients

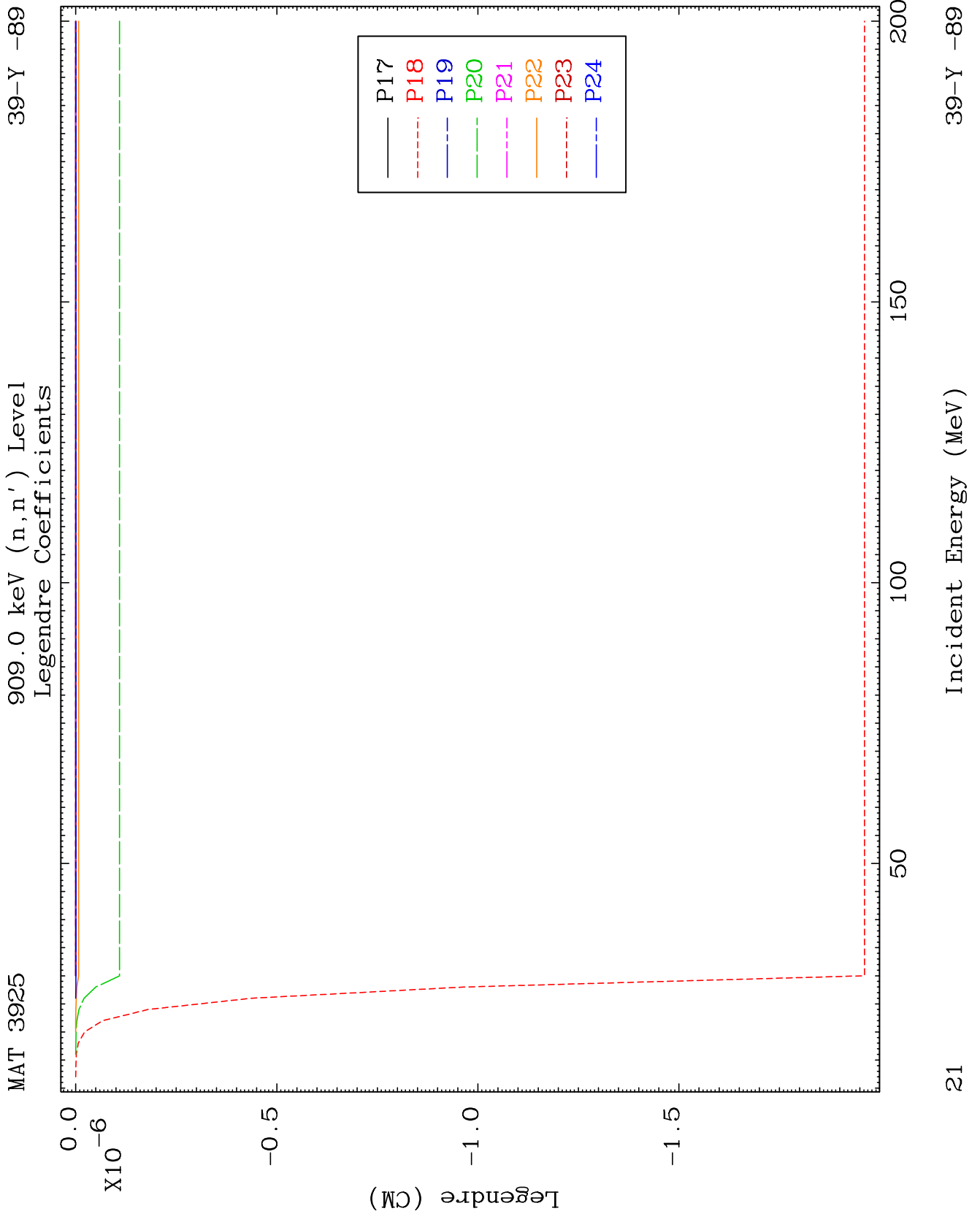
39-Y -89

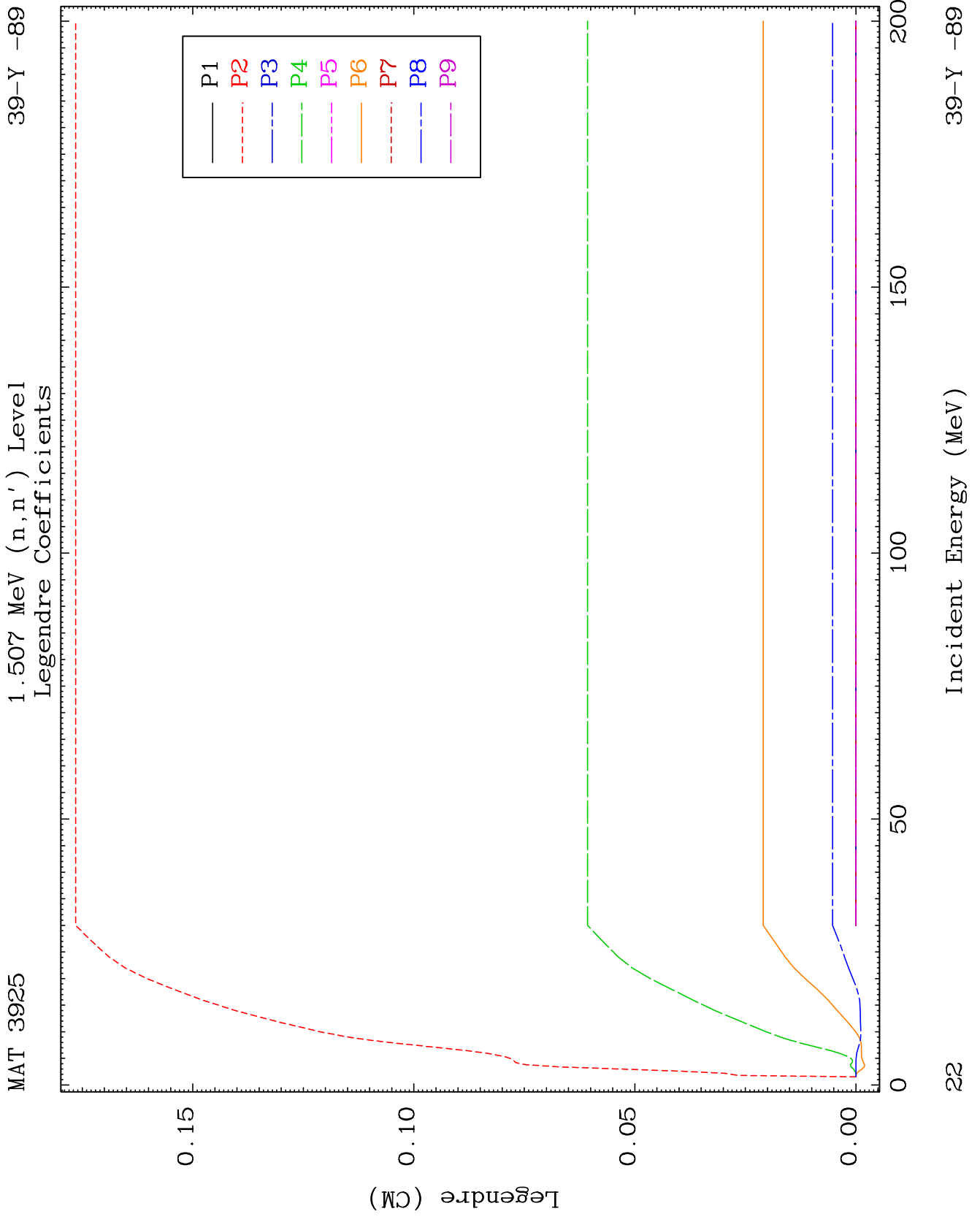


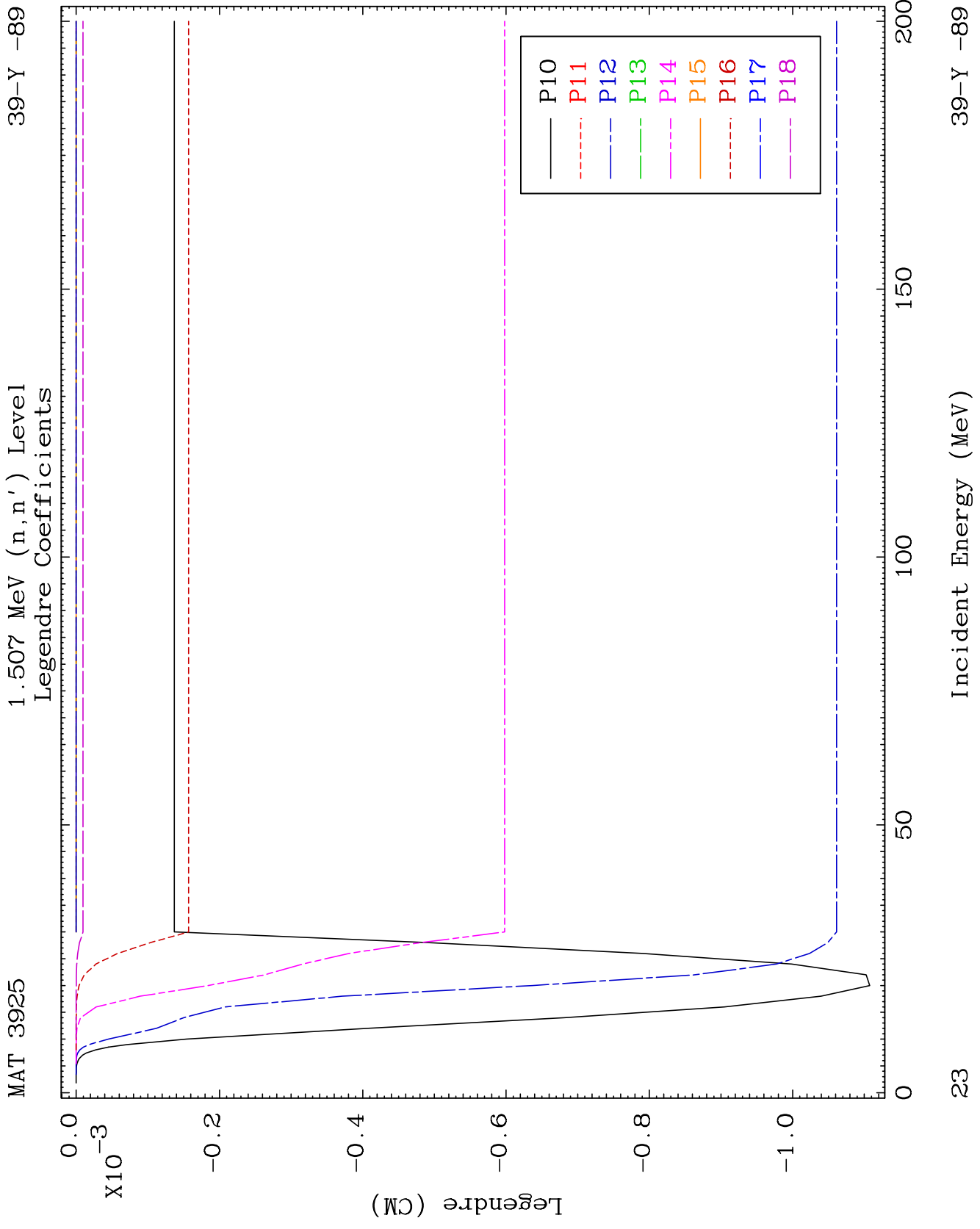
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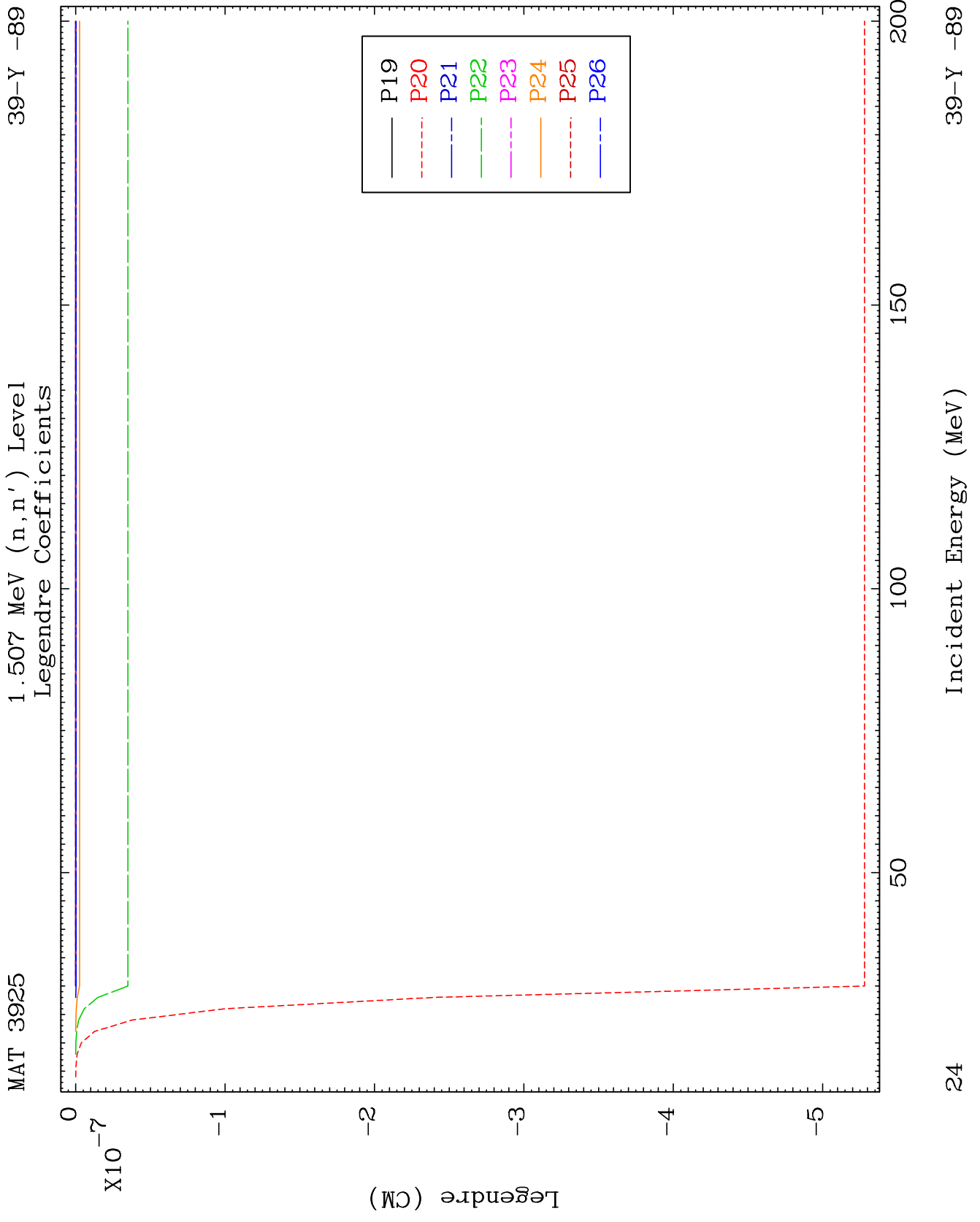
Incident Energy (MeV)

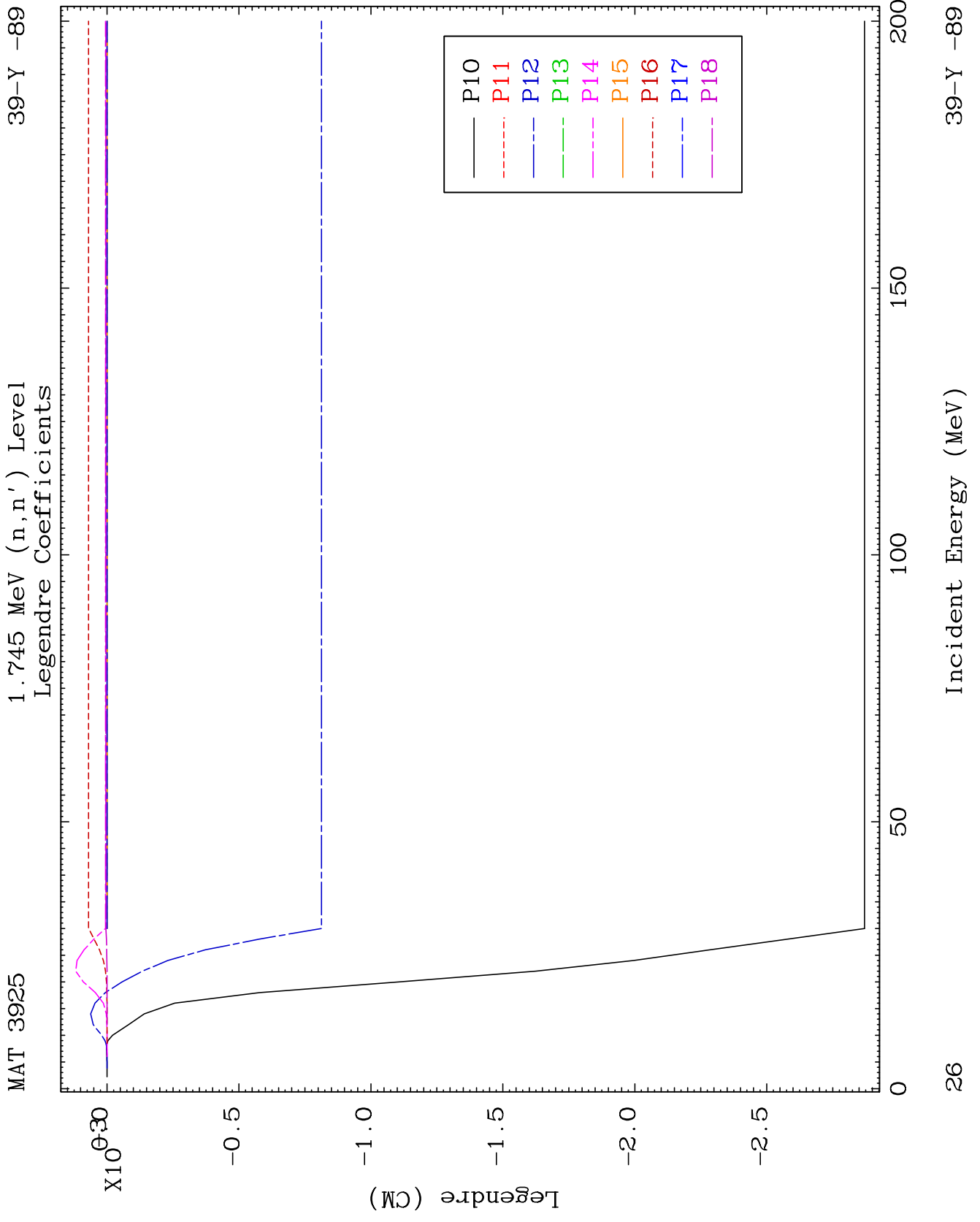
39-Y -89

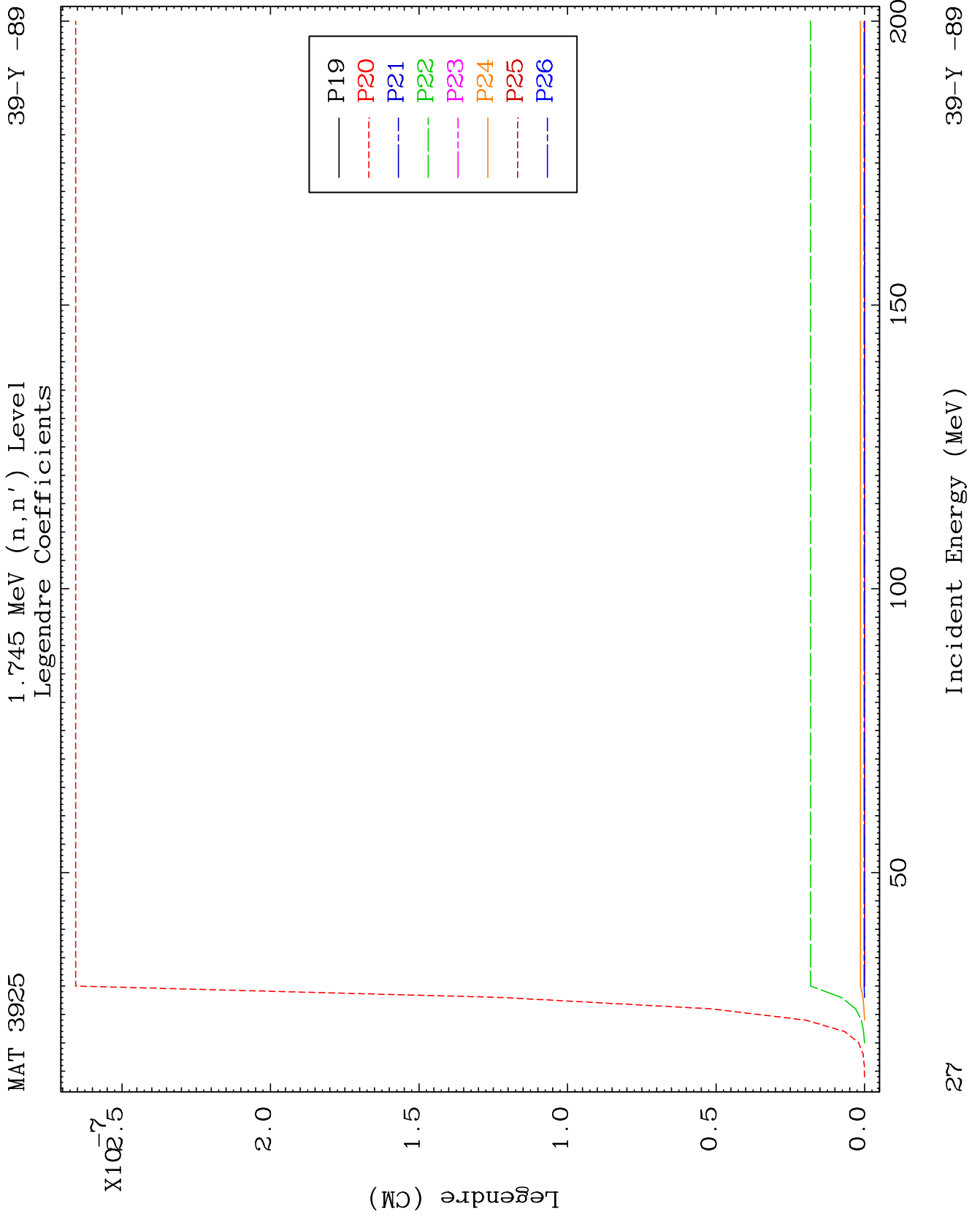








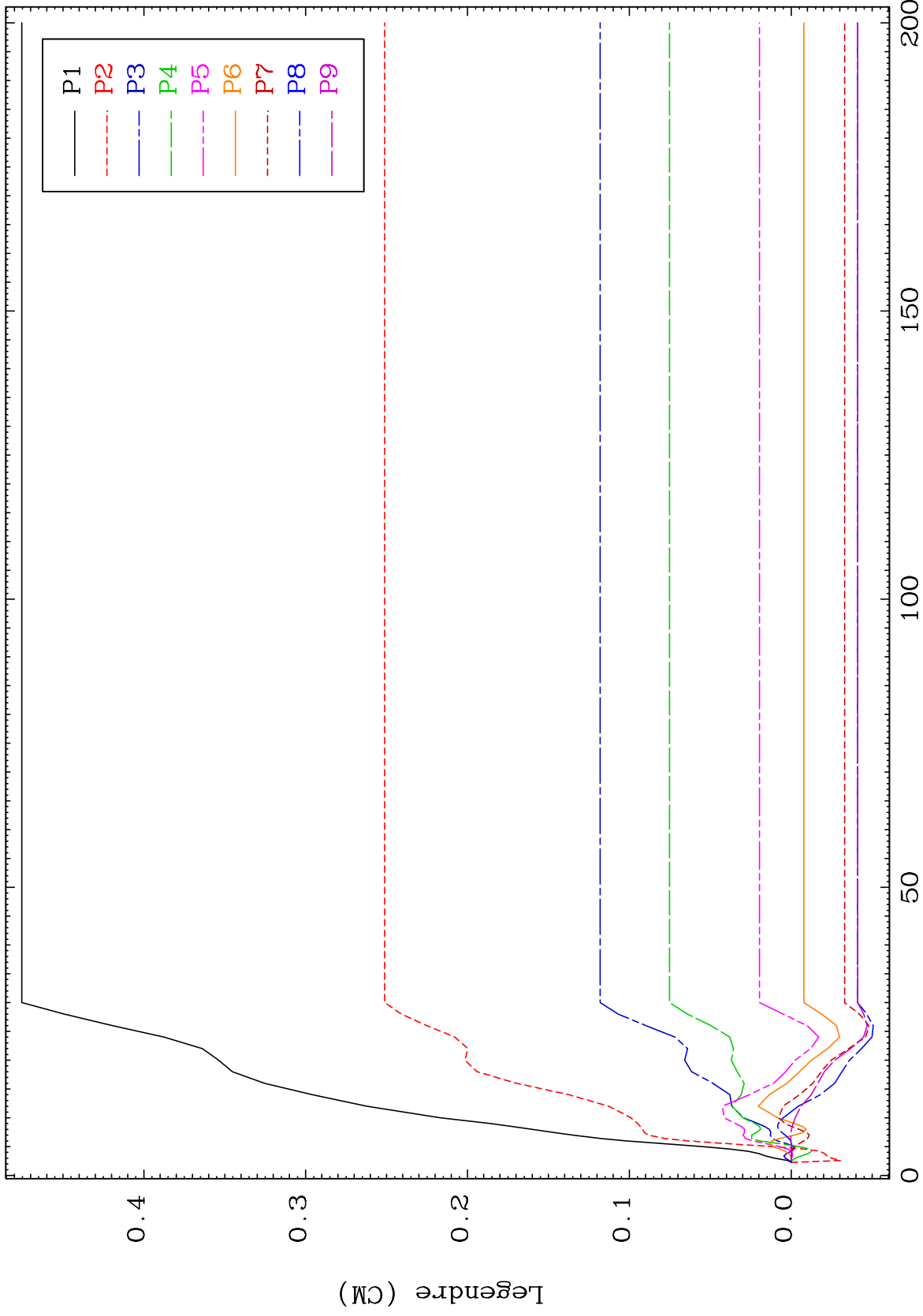




MAT 3925

2.222 MeV (n,n') Level
Legendre Coefficients

39-Y -89



28

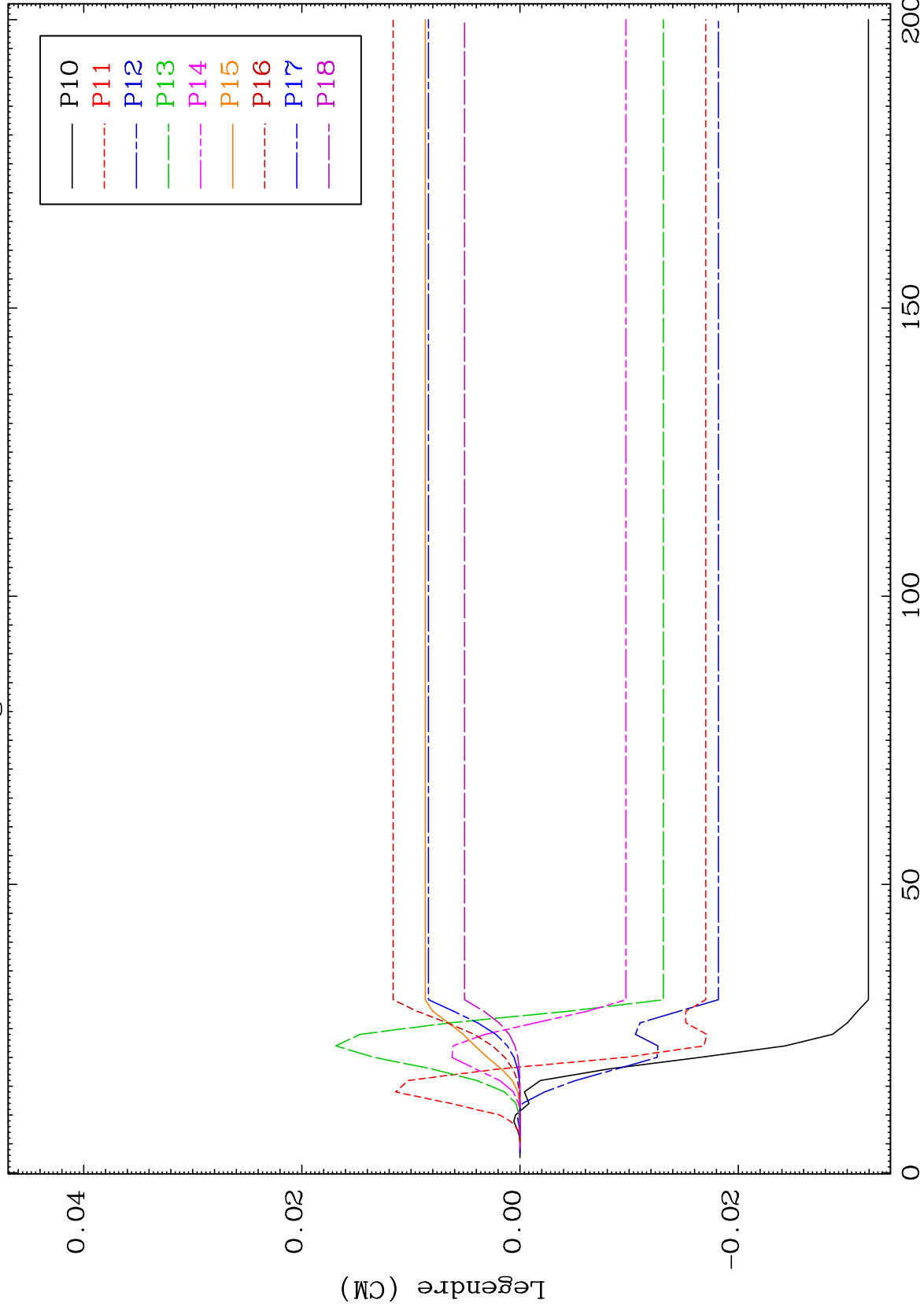
Incident Energy (MeV)

39-Y -89

MAT 3925

2.222 MeV (n,n') Level
Legendre Coefficients

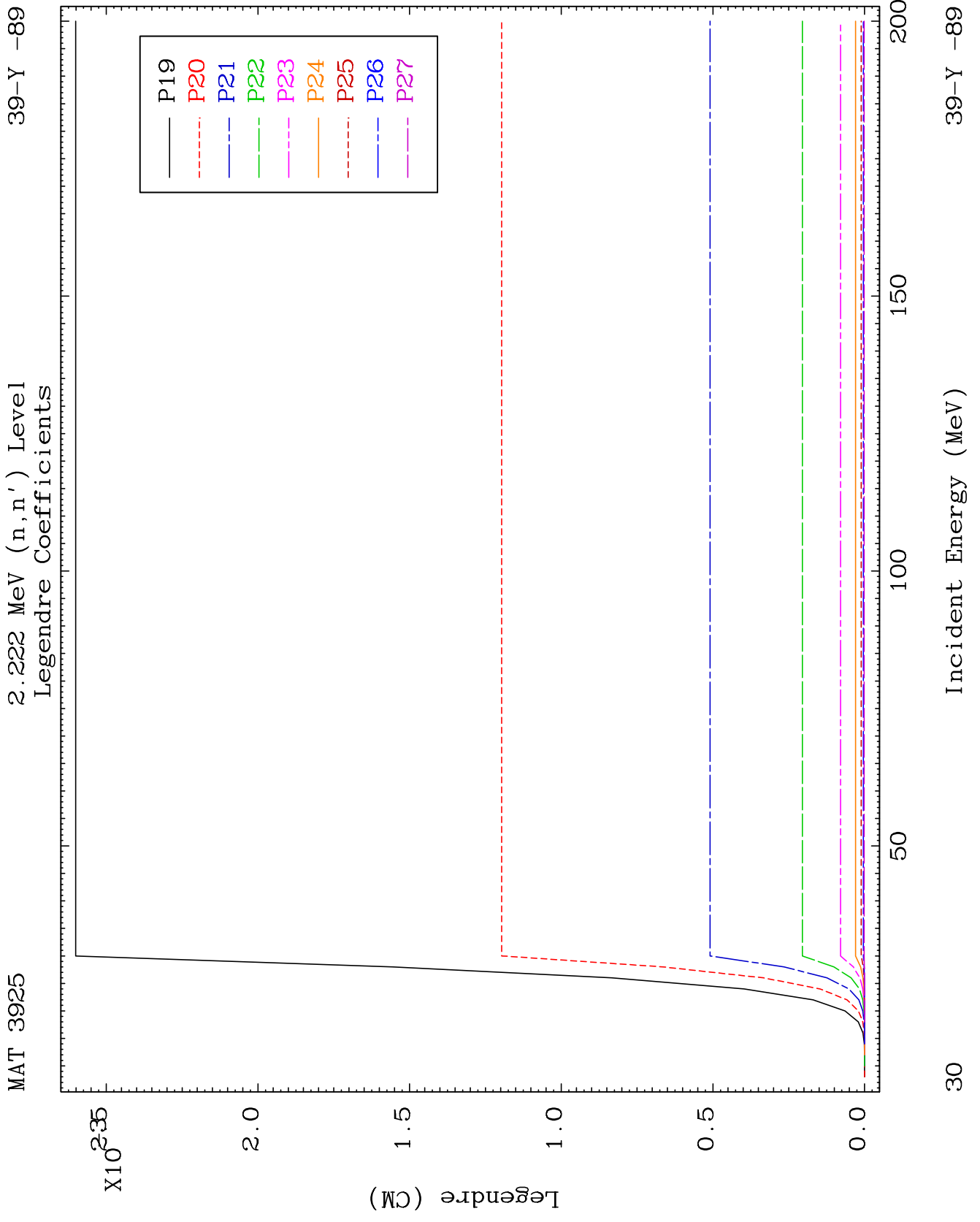
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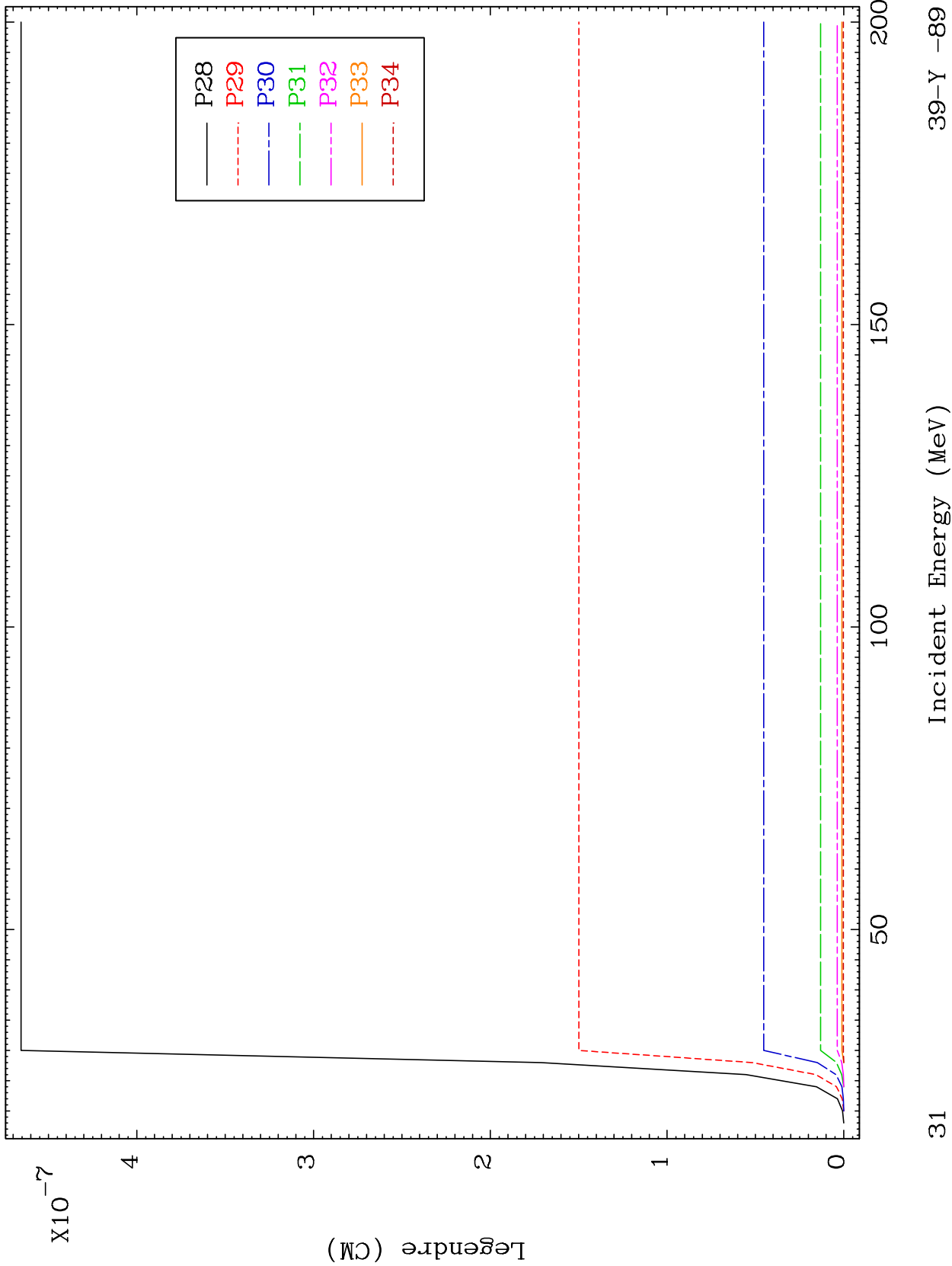


29

Incident Energy (MeV)

39-Y -89

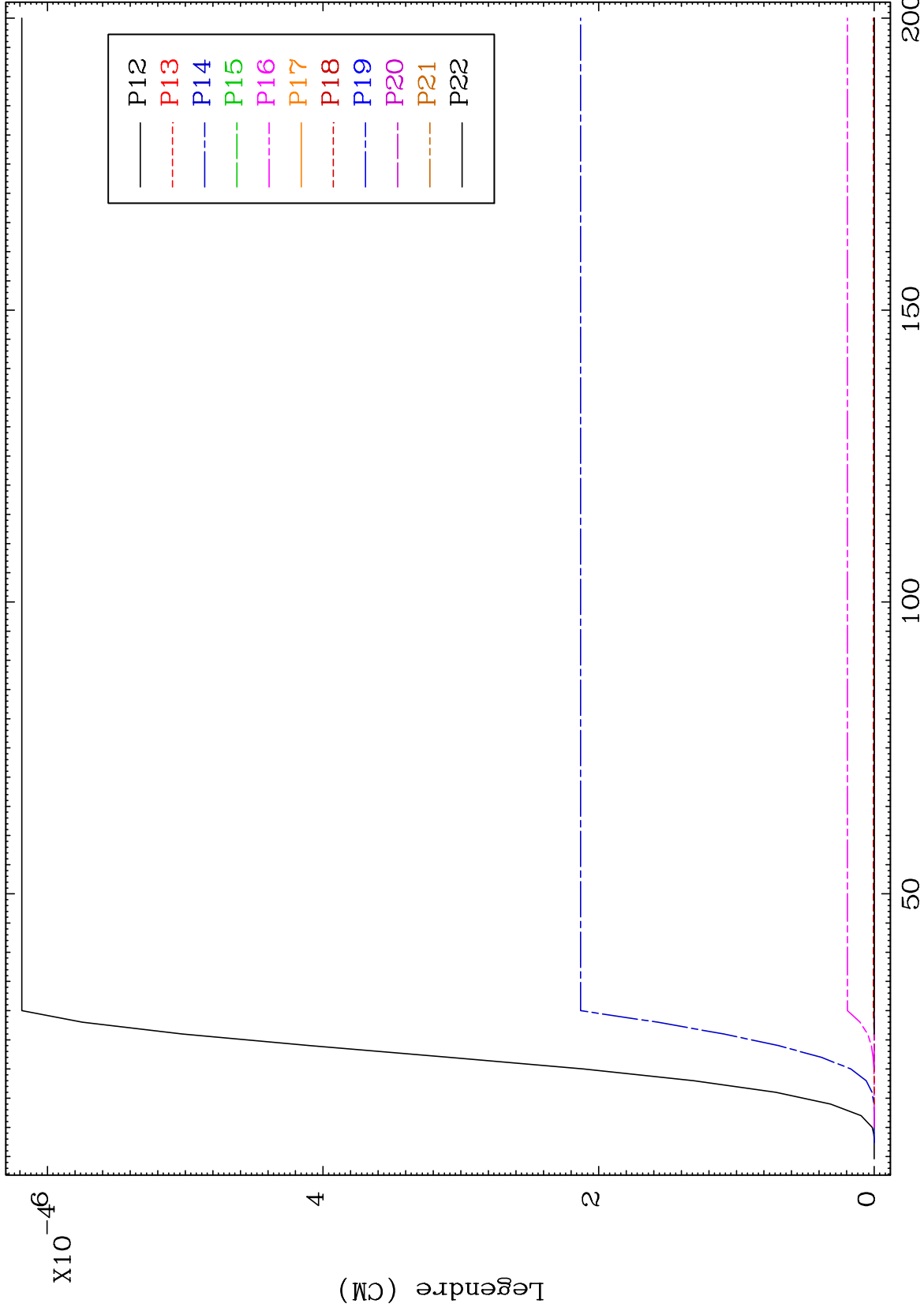




MAT 3925

2.530 MeV (n,n') Level
Legendre Coefficients

39-Y -89



33

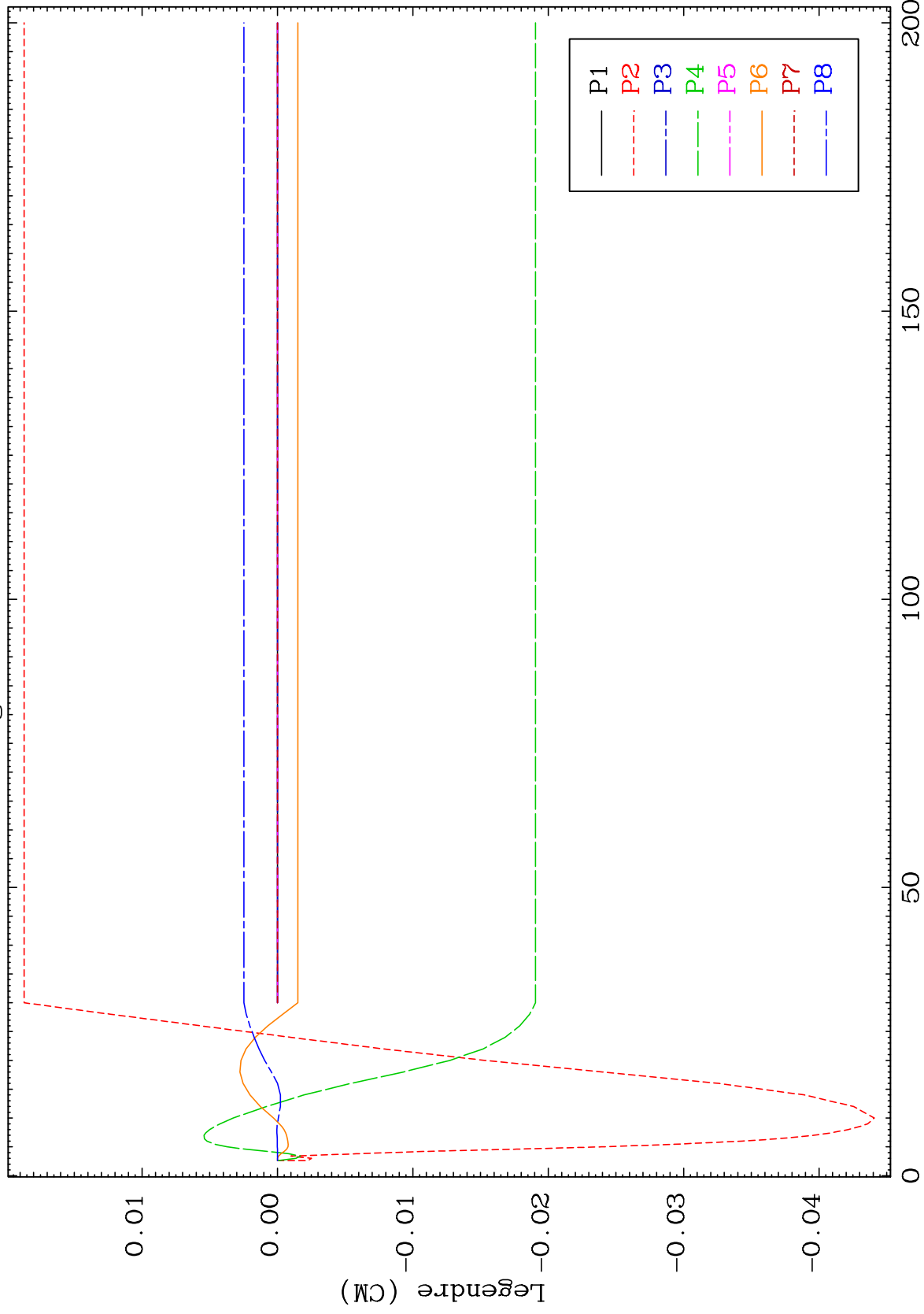
Incident Energy (MeV)

39-Y -89

MAT 3925

2.567 MeV (n,n') Level
Legendre Coefficients

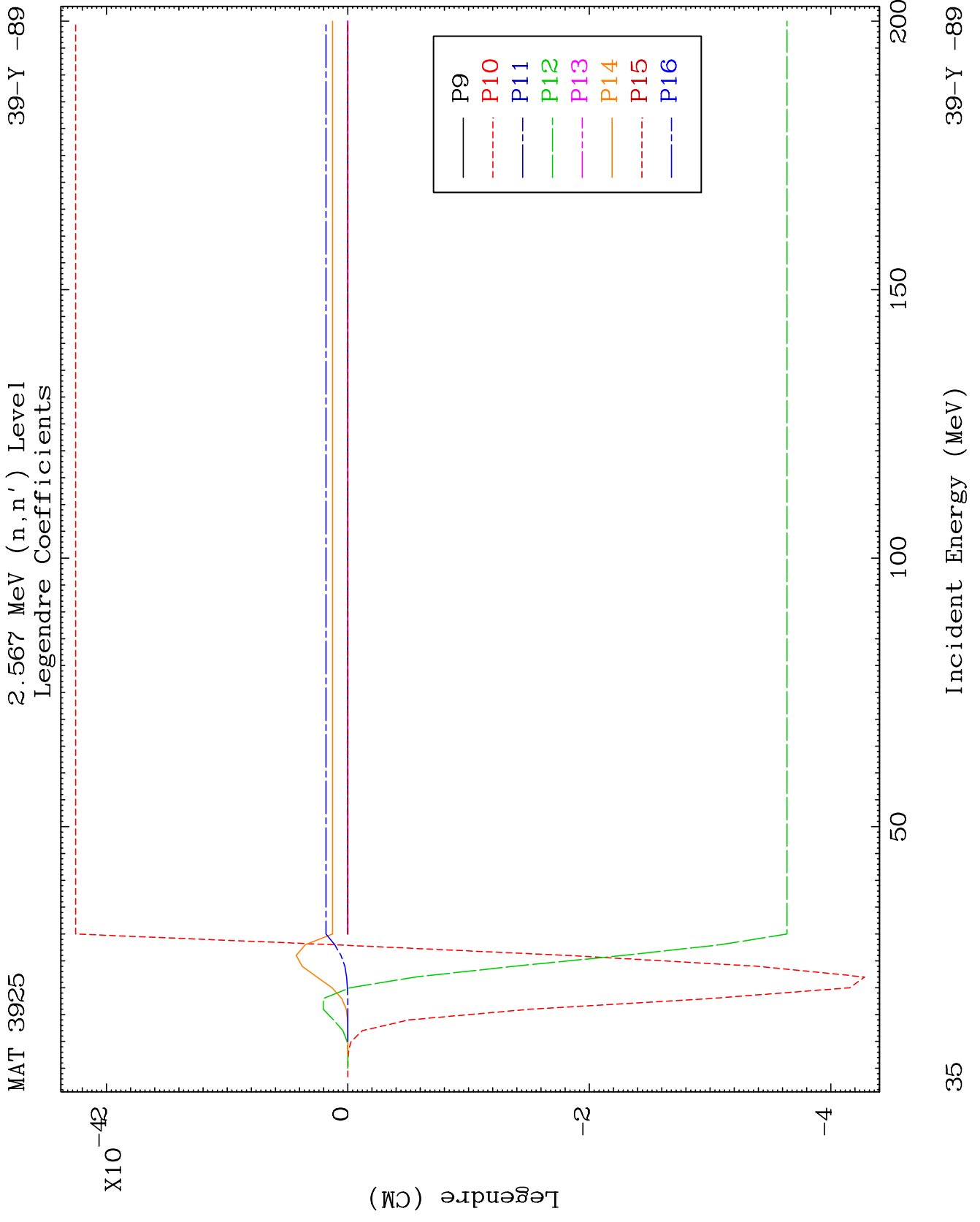
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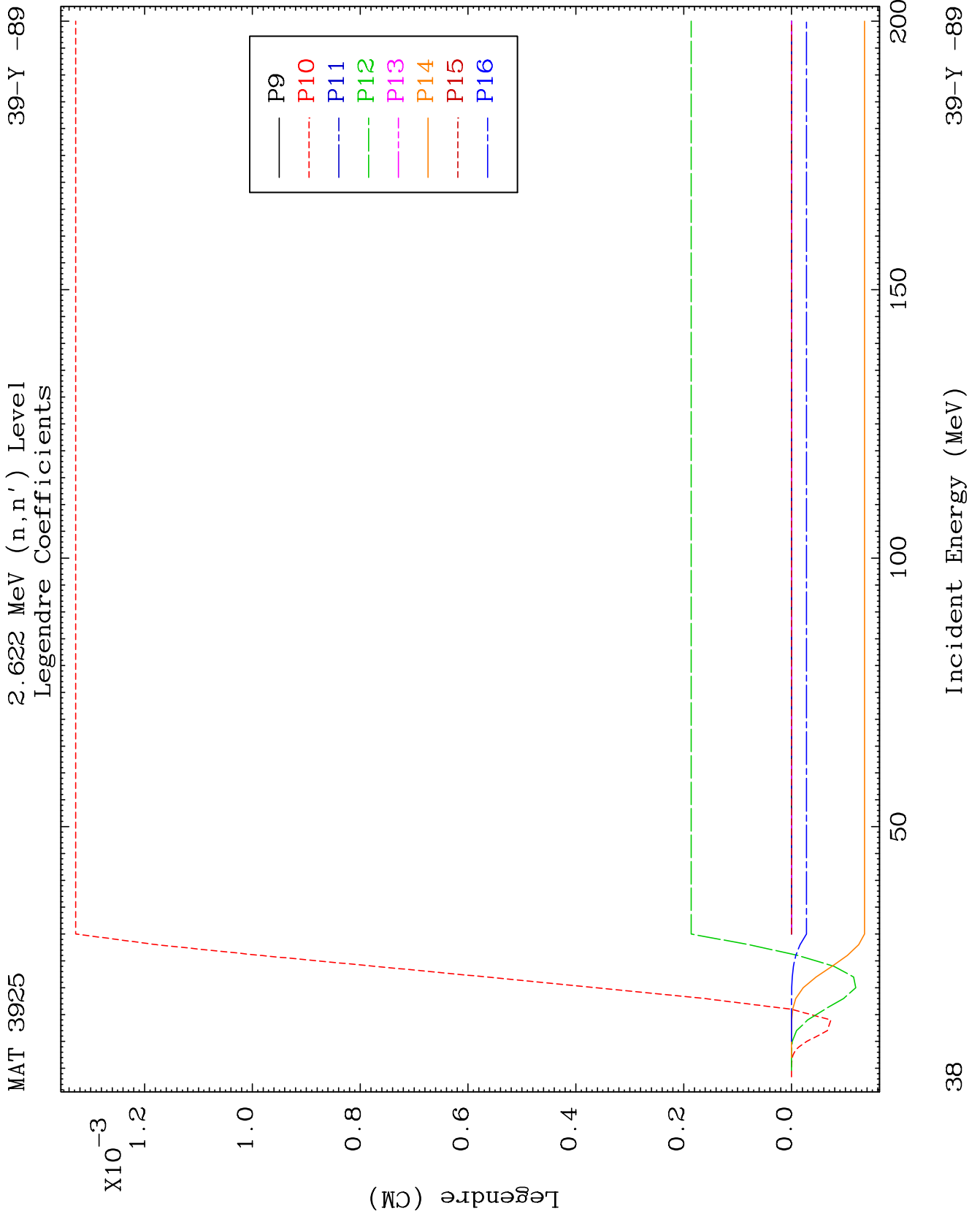


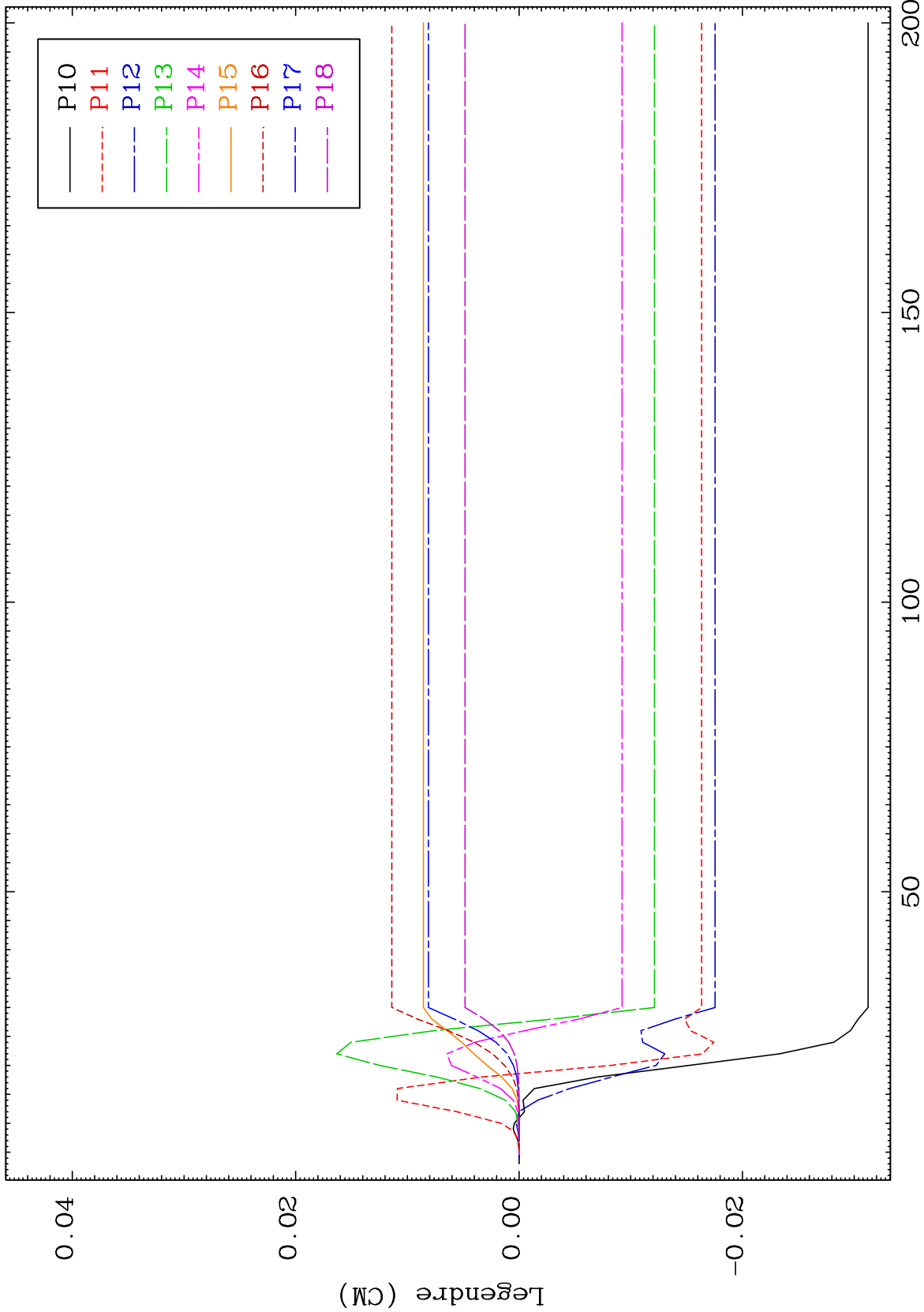
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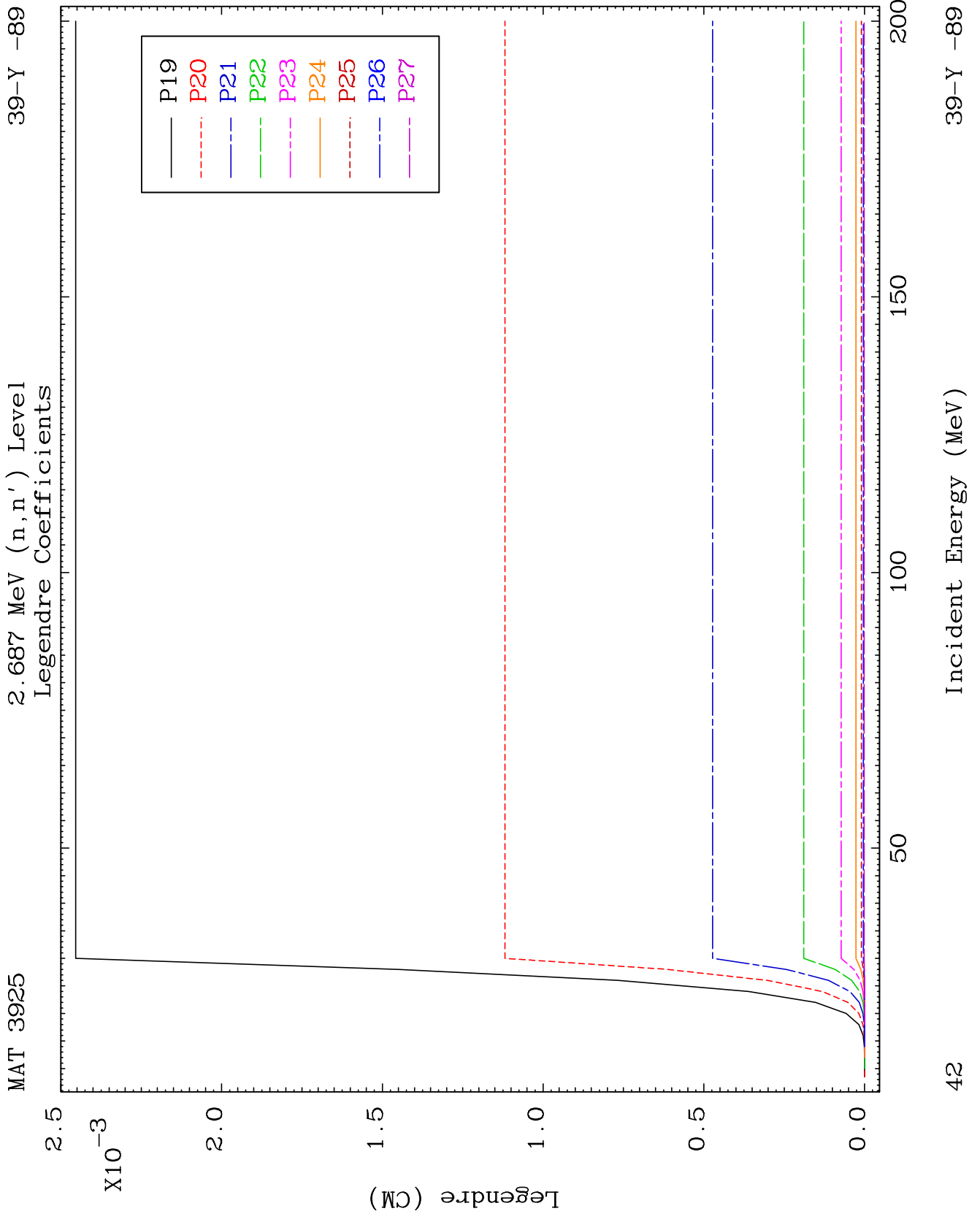
Incident Energy (MeV)

39-Y -89





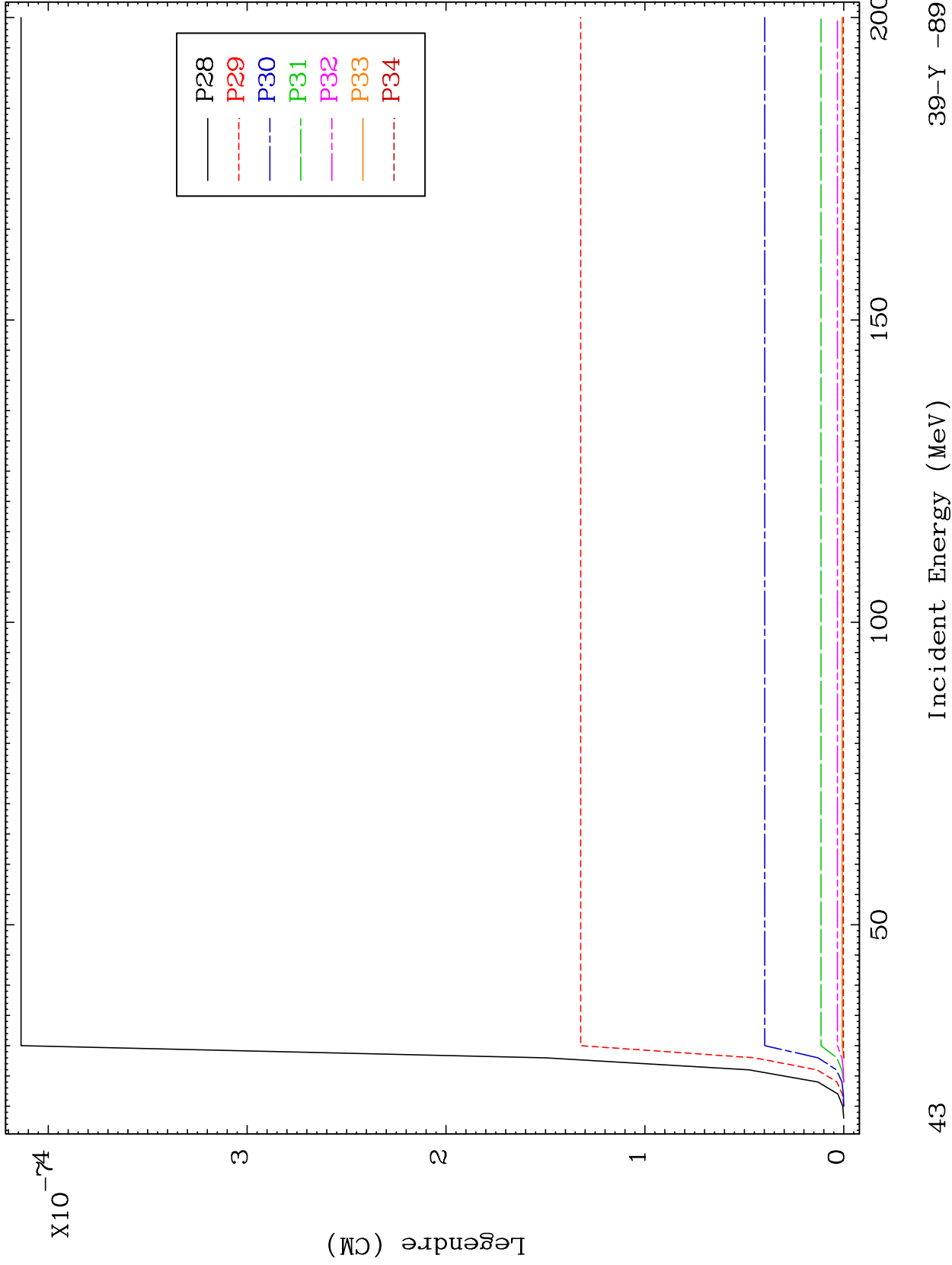


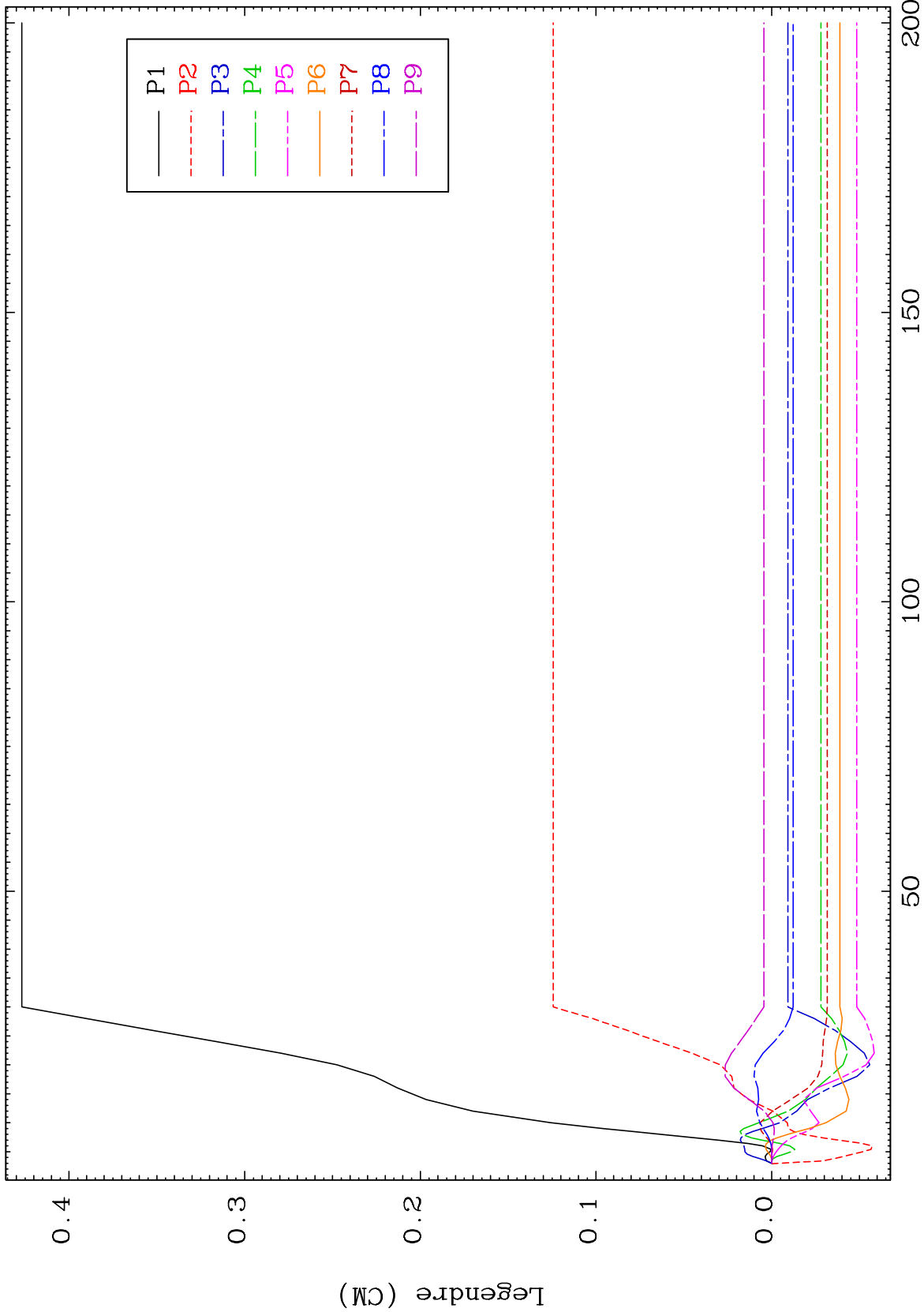


MAT 3925

2.687 MeV (n,n') Level
Legendre Coefficients

39-Y -89

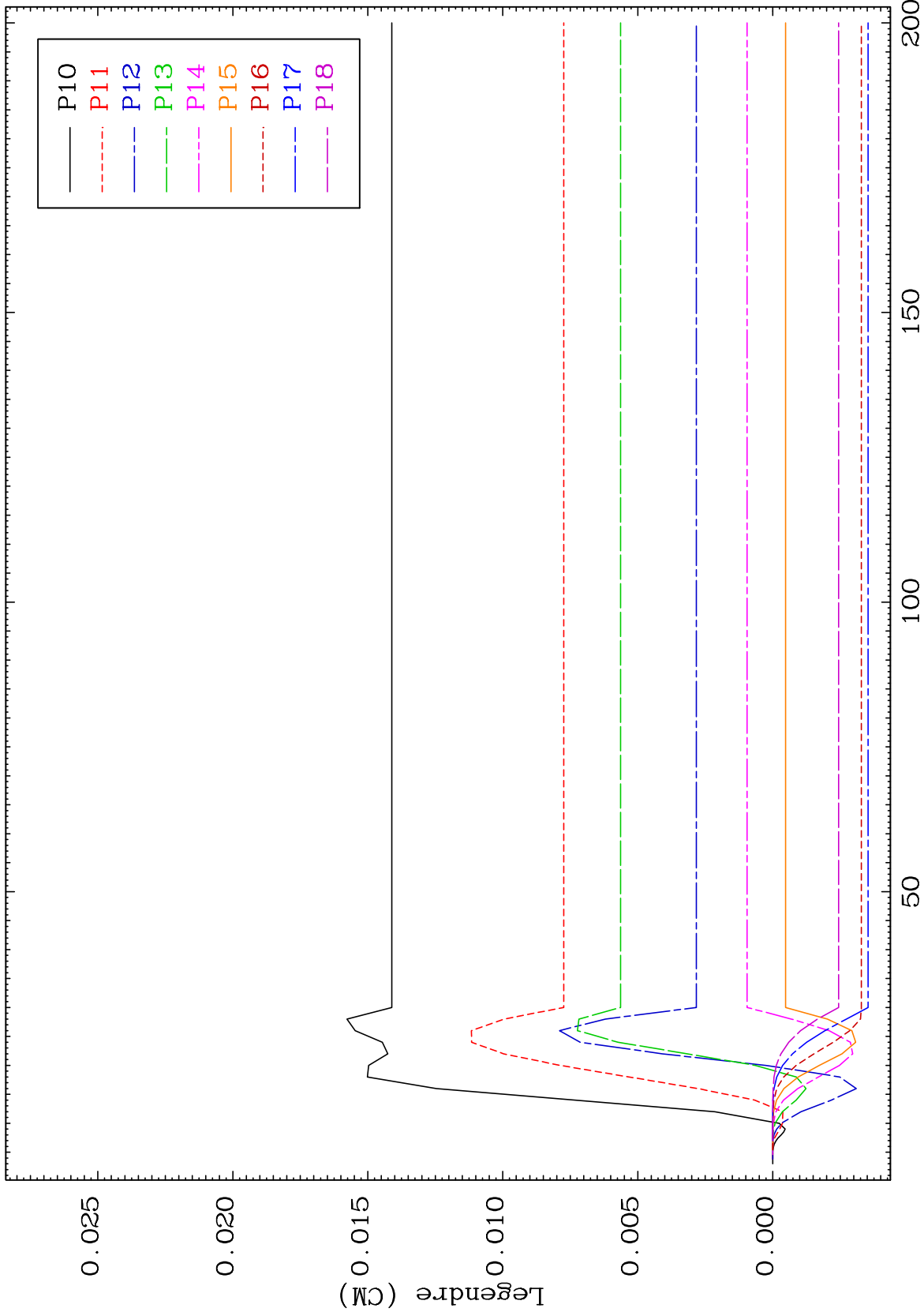




MAT 3925

2.872 MeV (n,n') Level
Legendre Coefficients

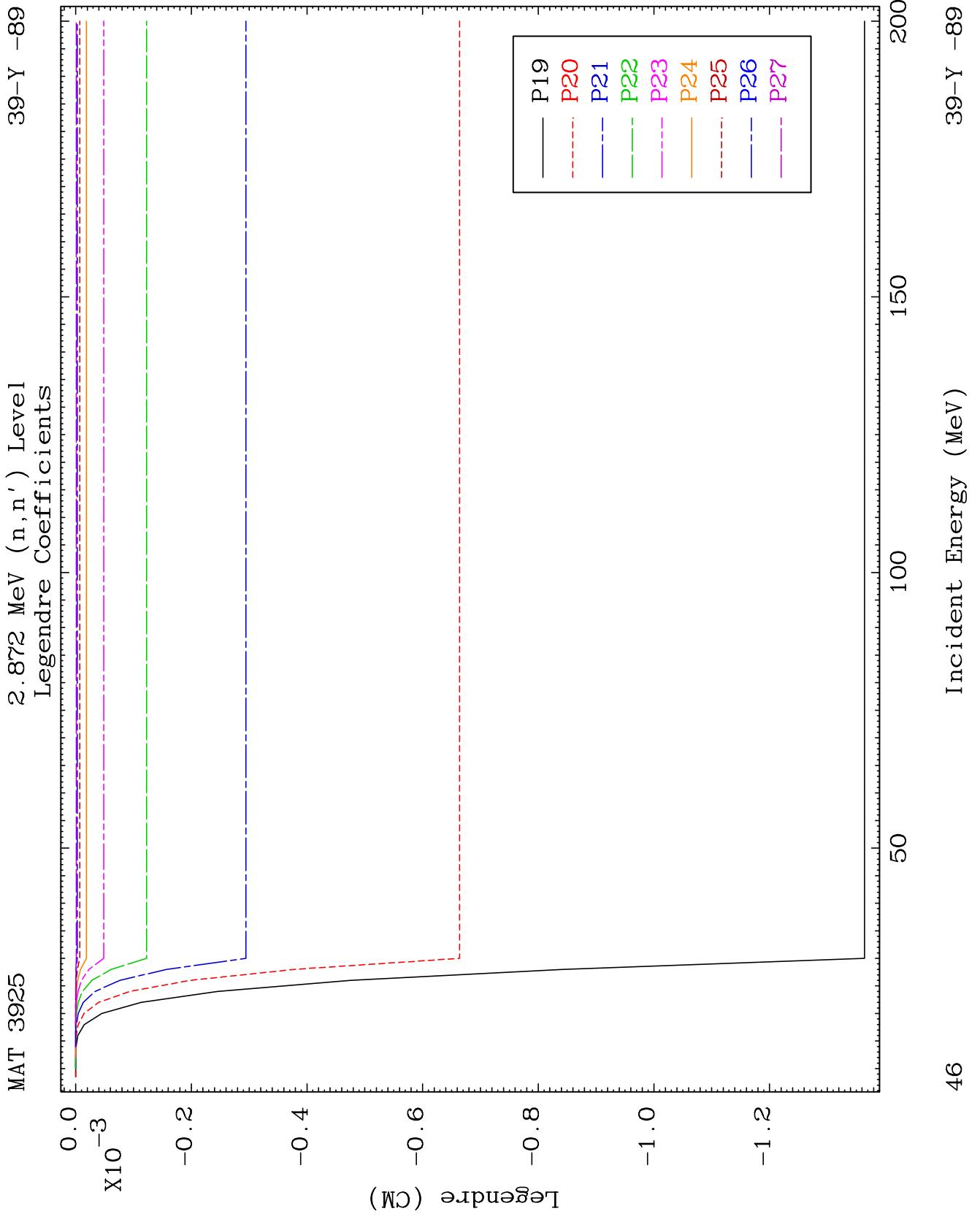
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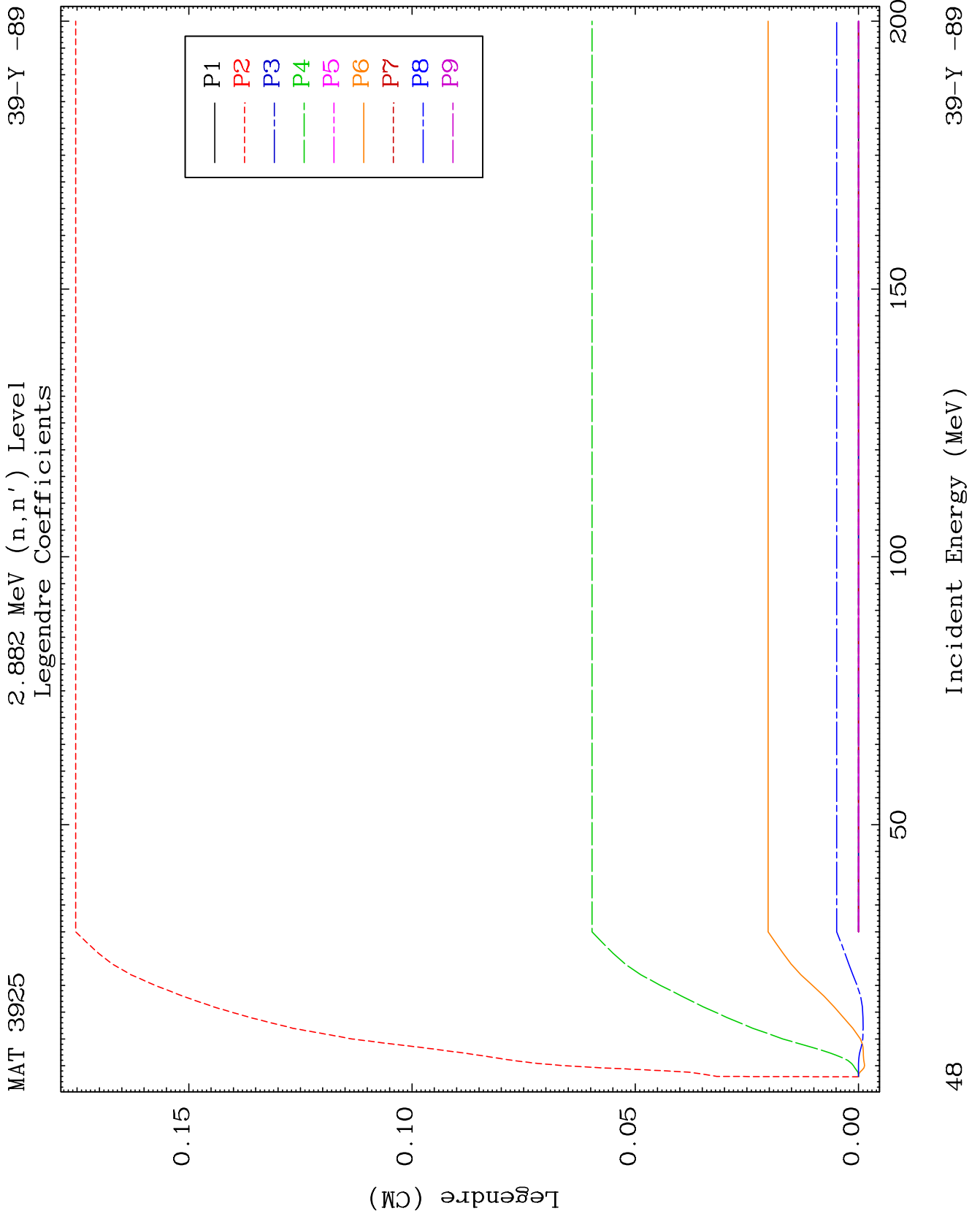


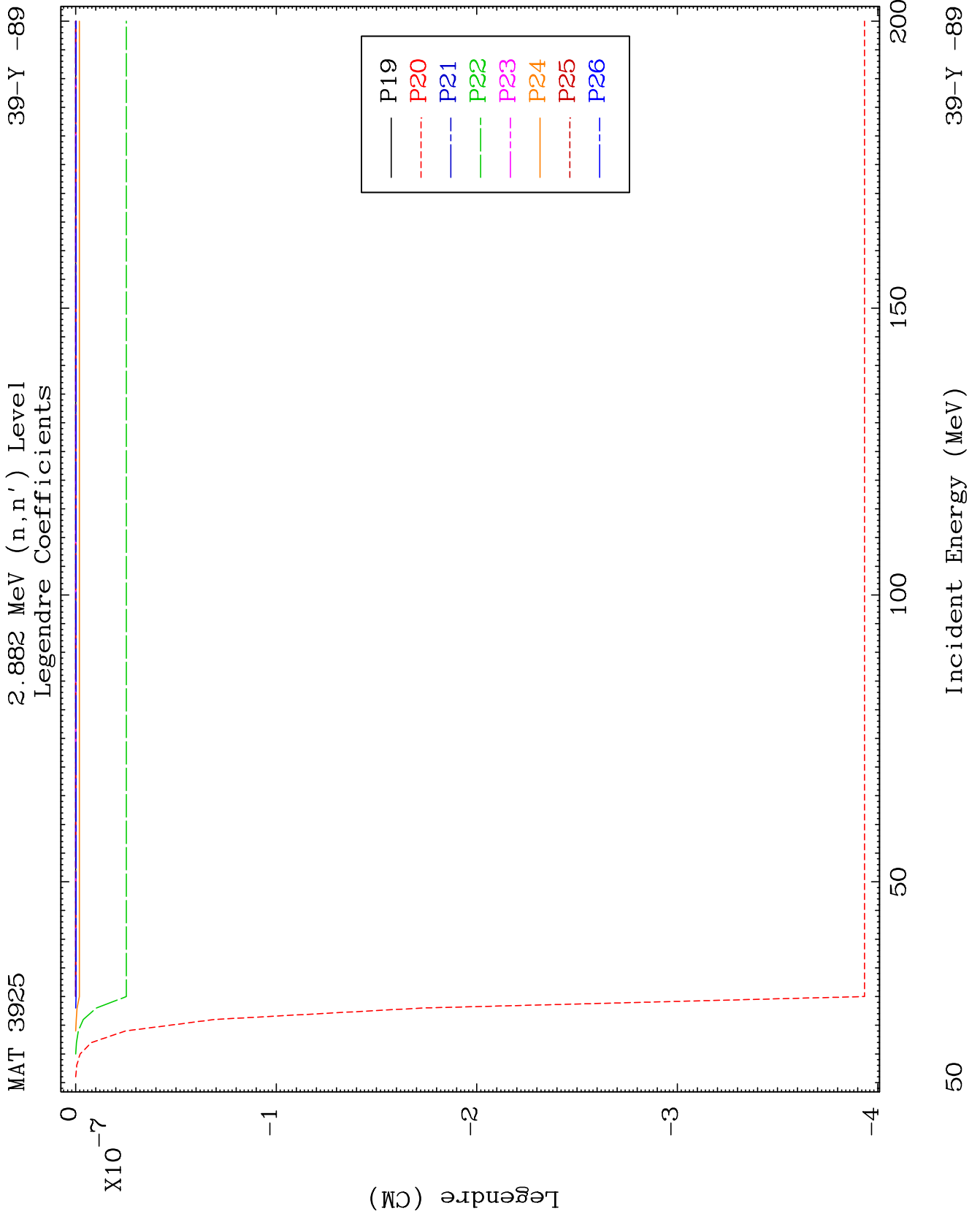
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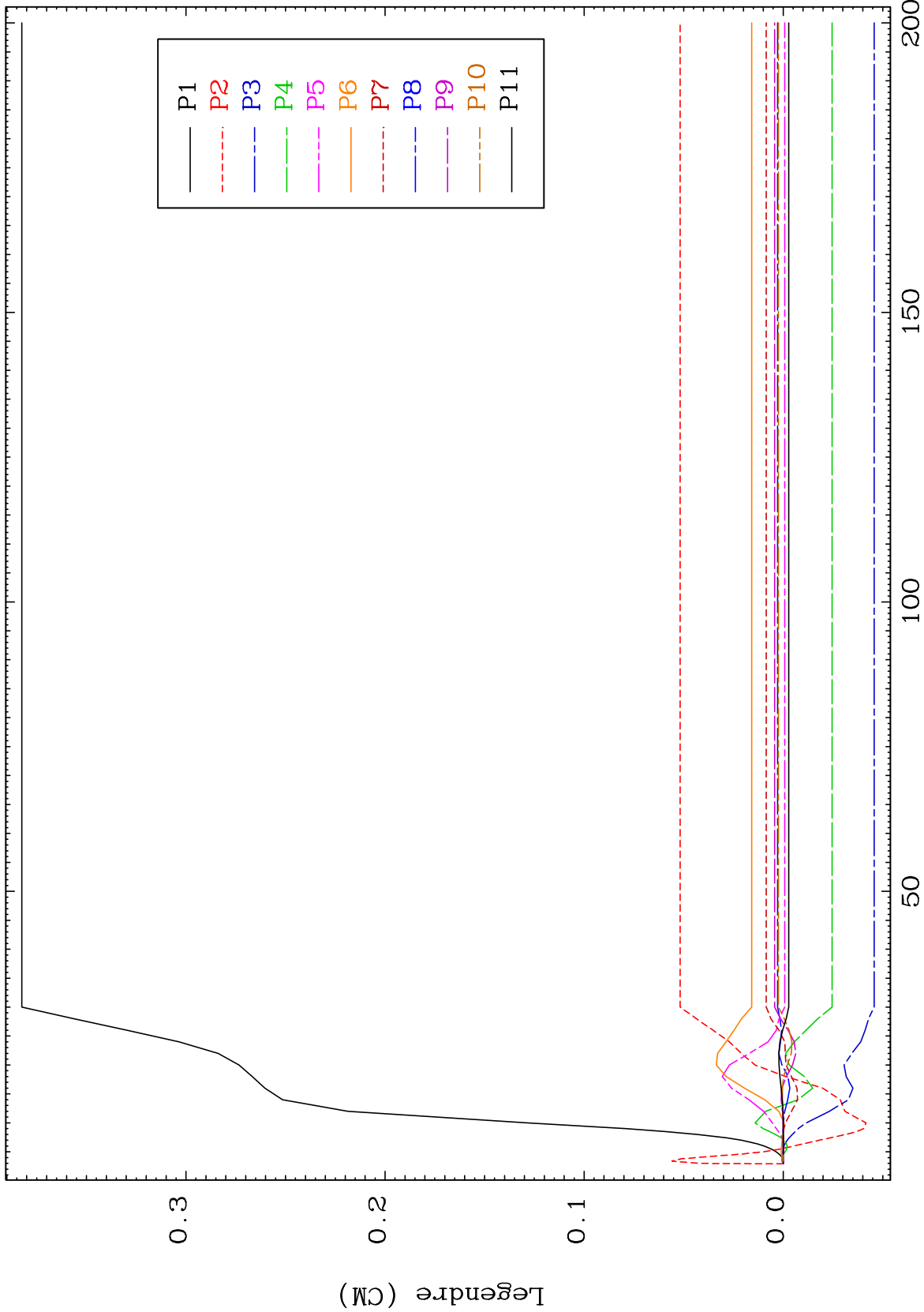
Incident Energy (MeV)

39-Y -89





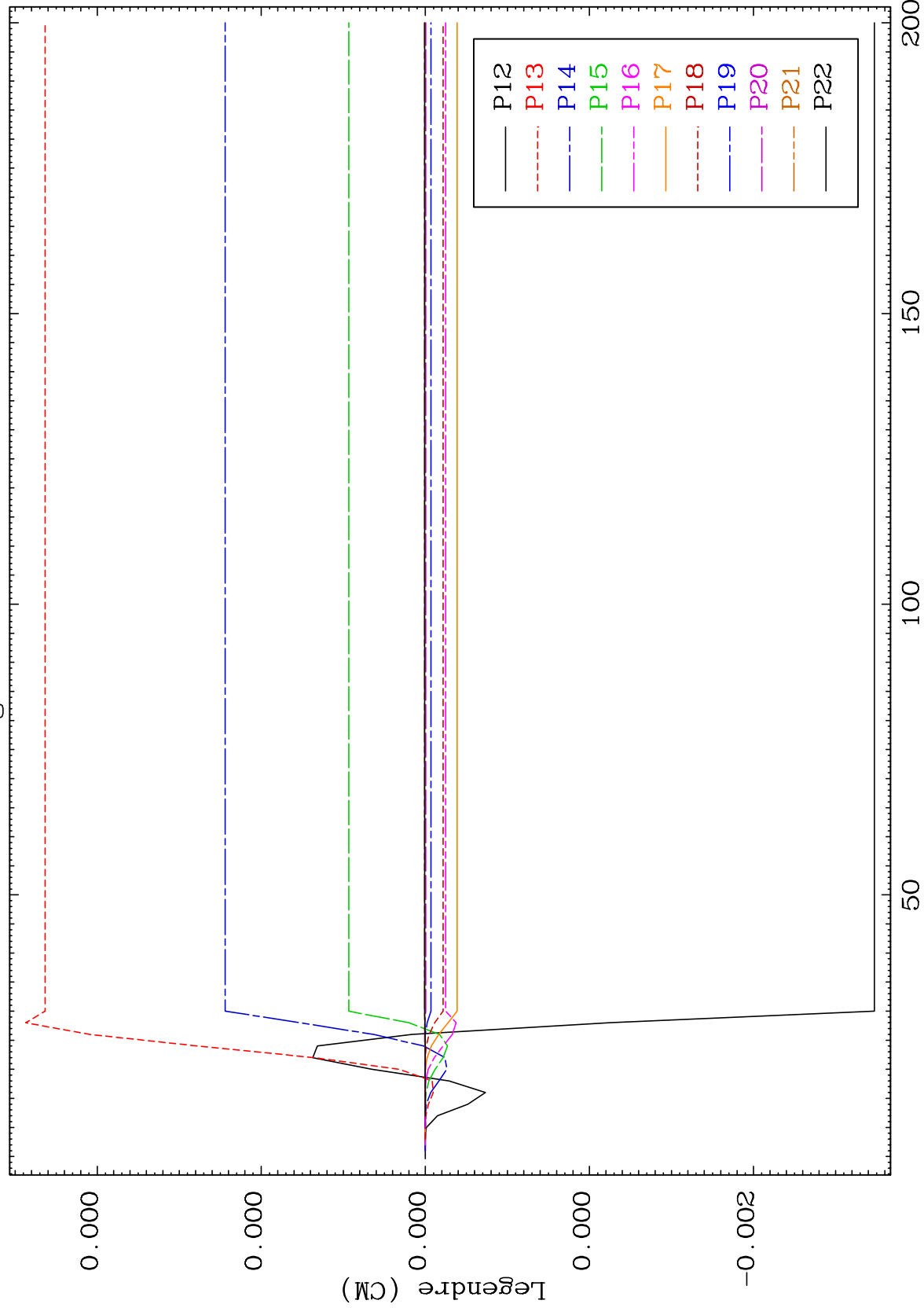




MAT 3925

2.893 MeV (n,n') Level
Legendre Coefficients

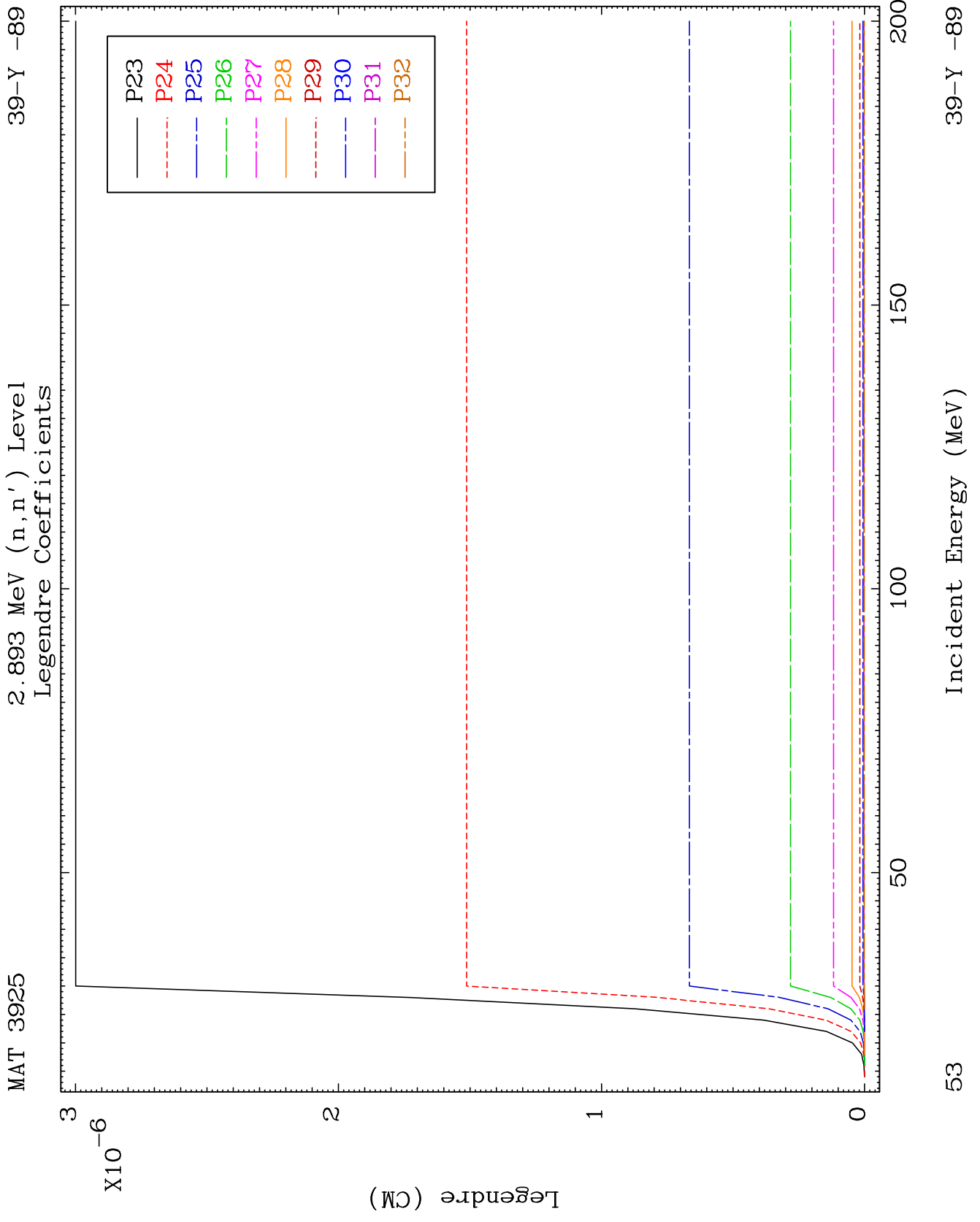
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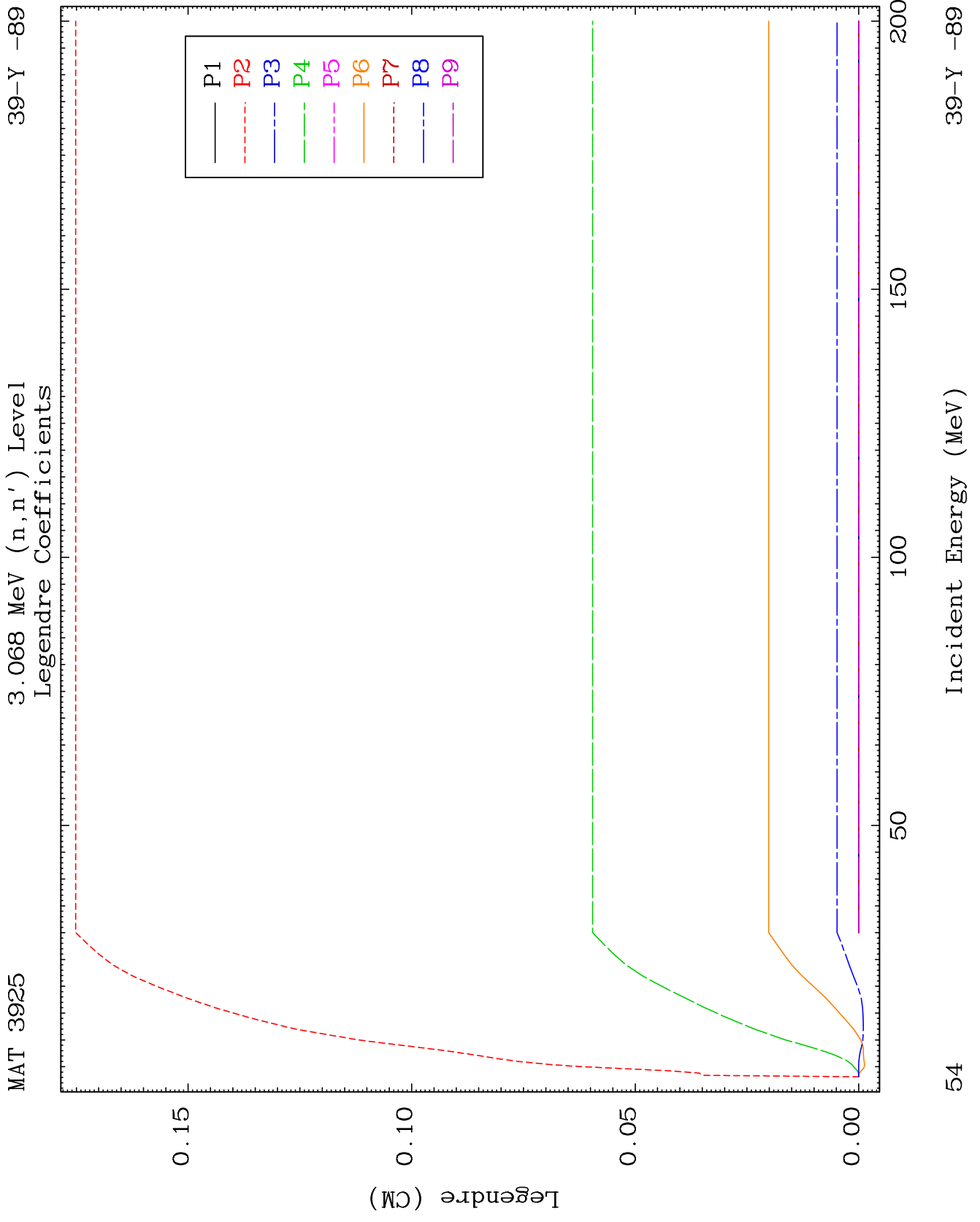


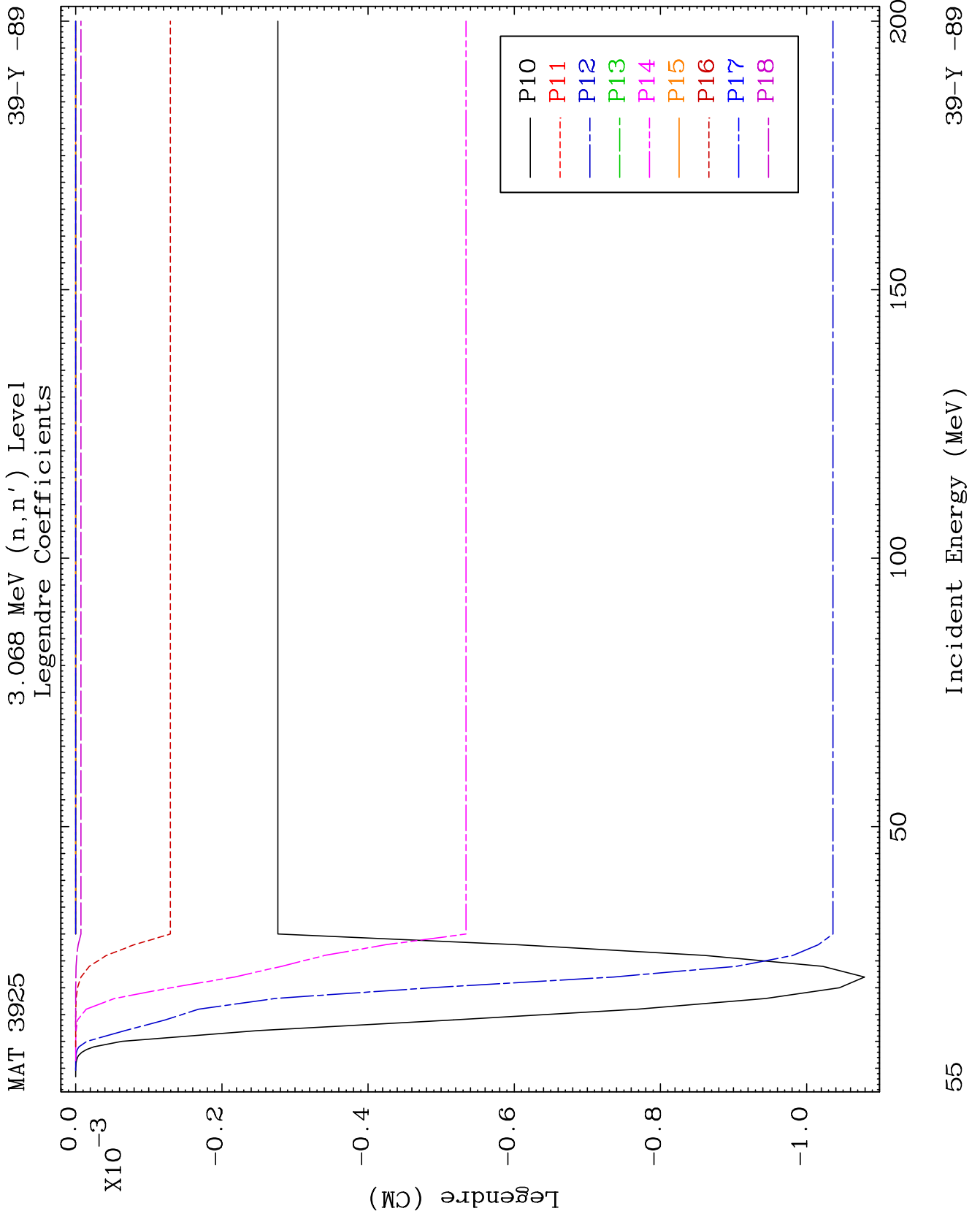
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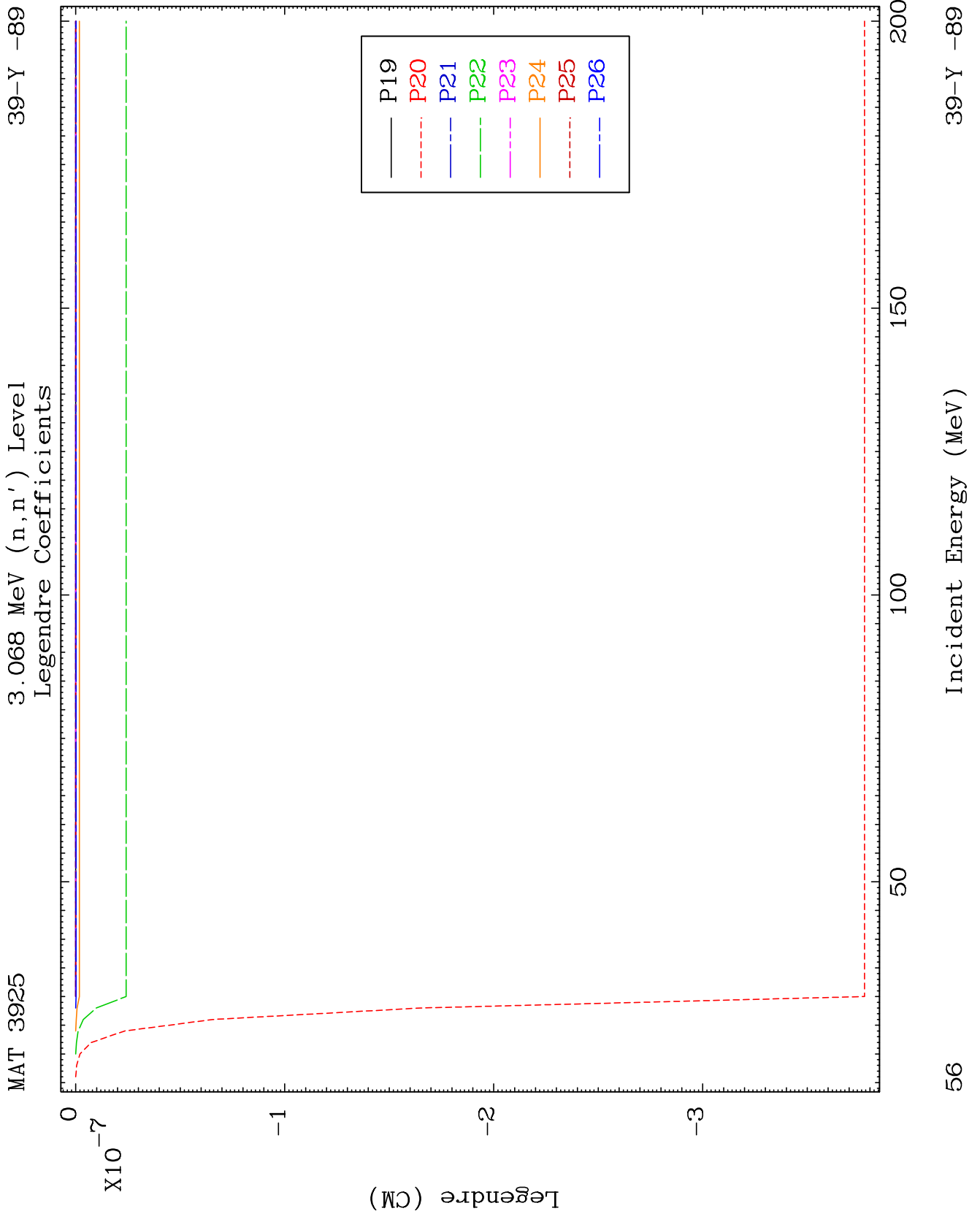
Incident Energy (MeV)

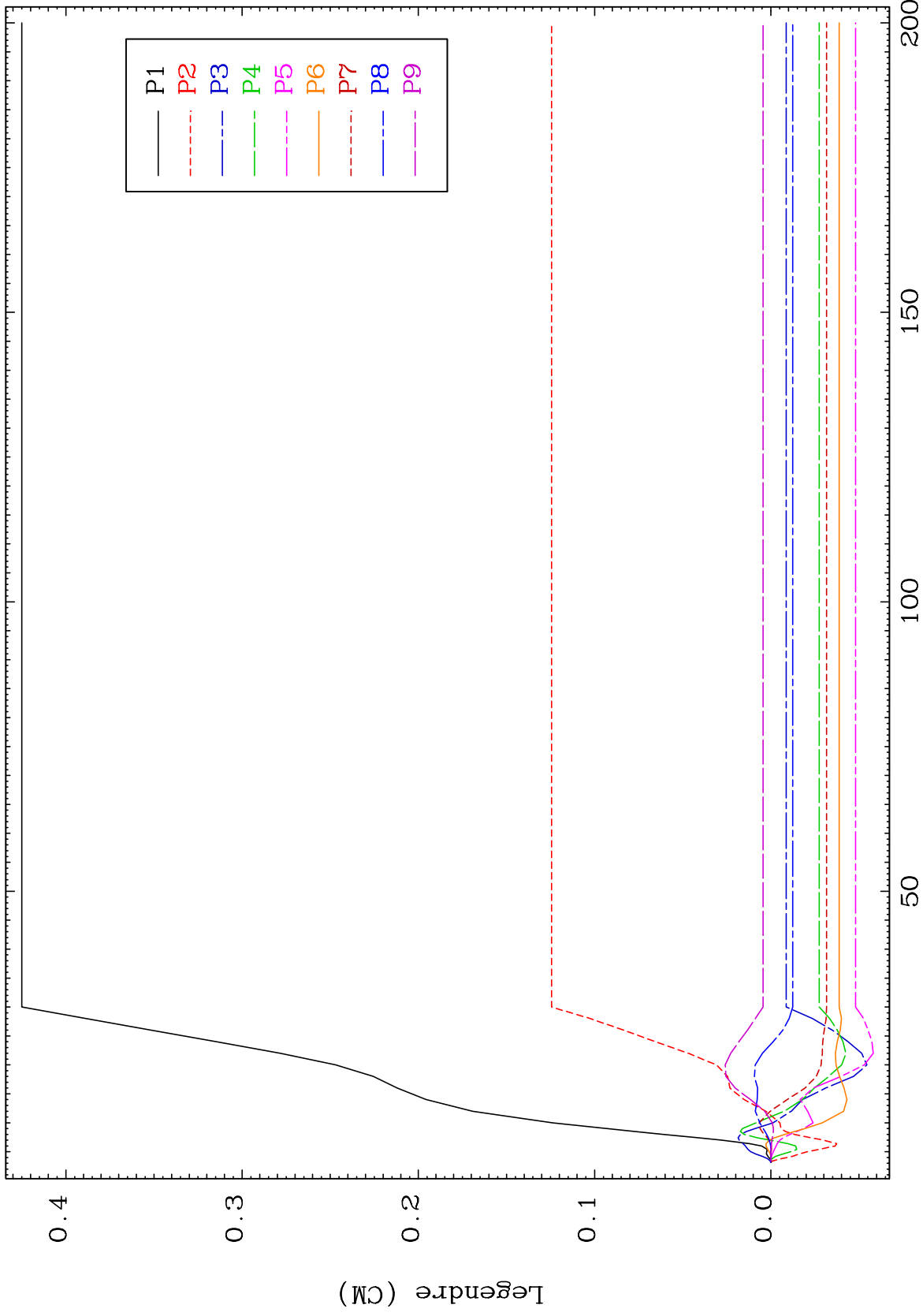
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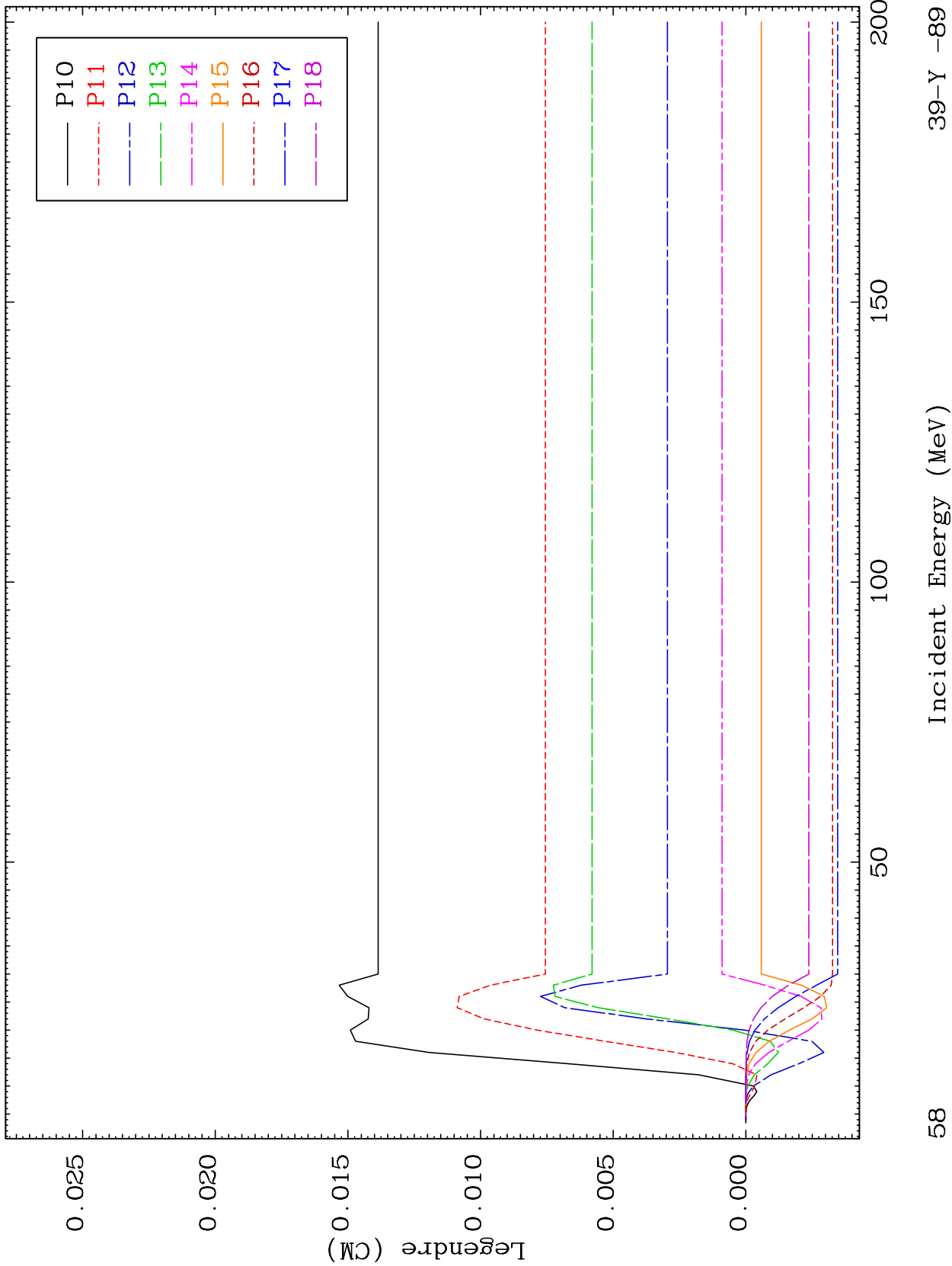


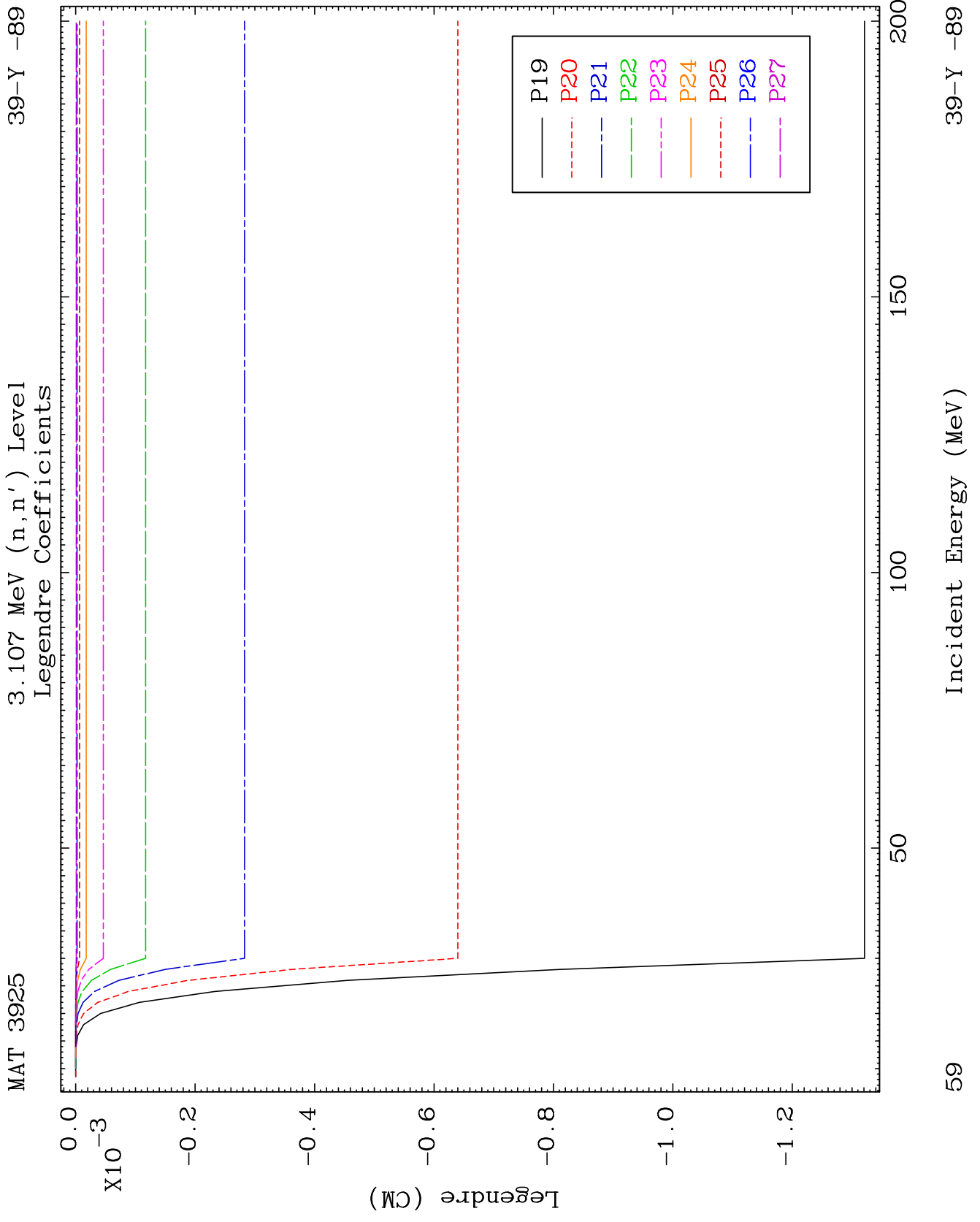


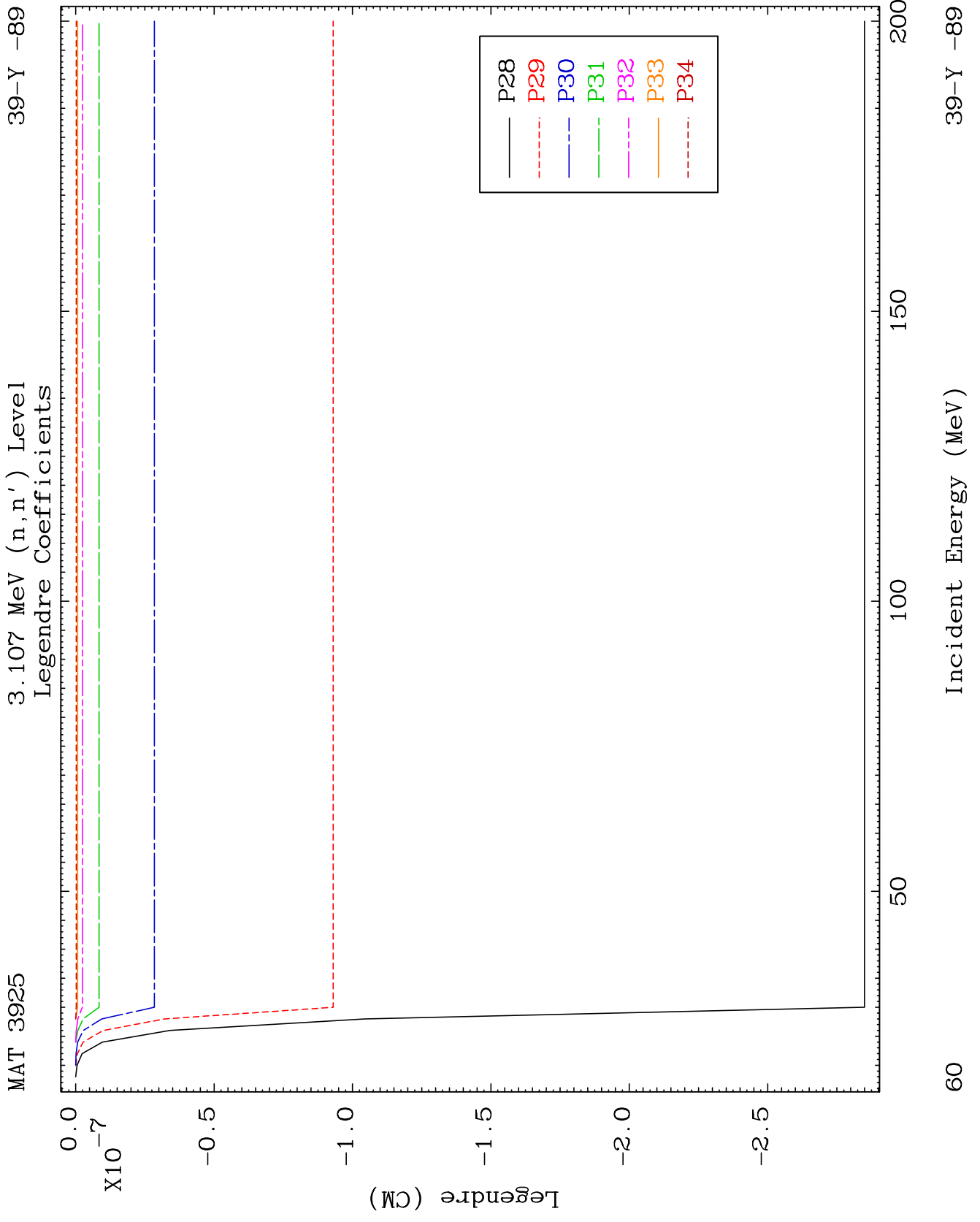


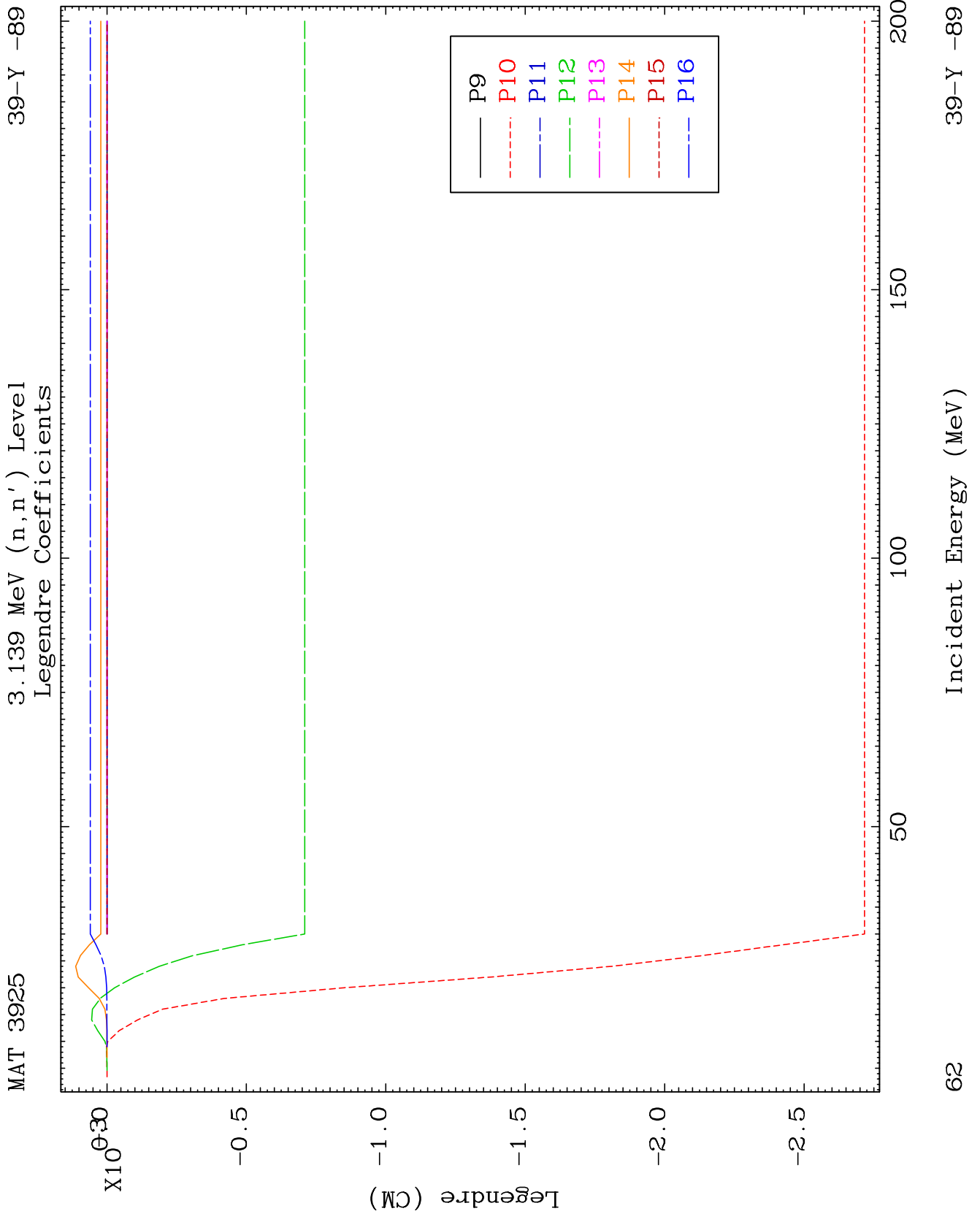


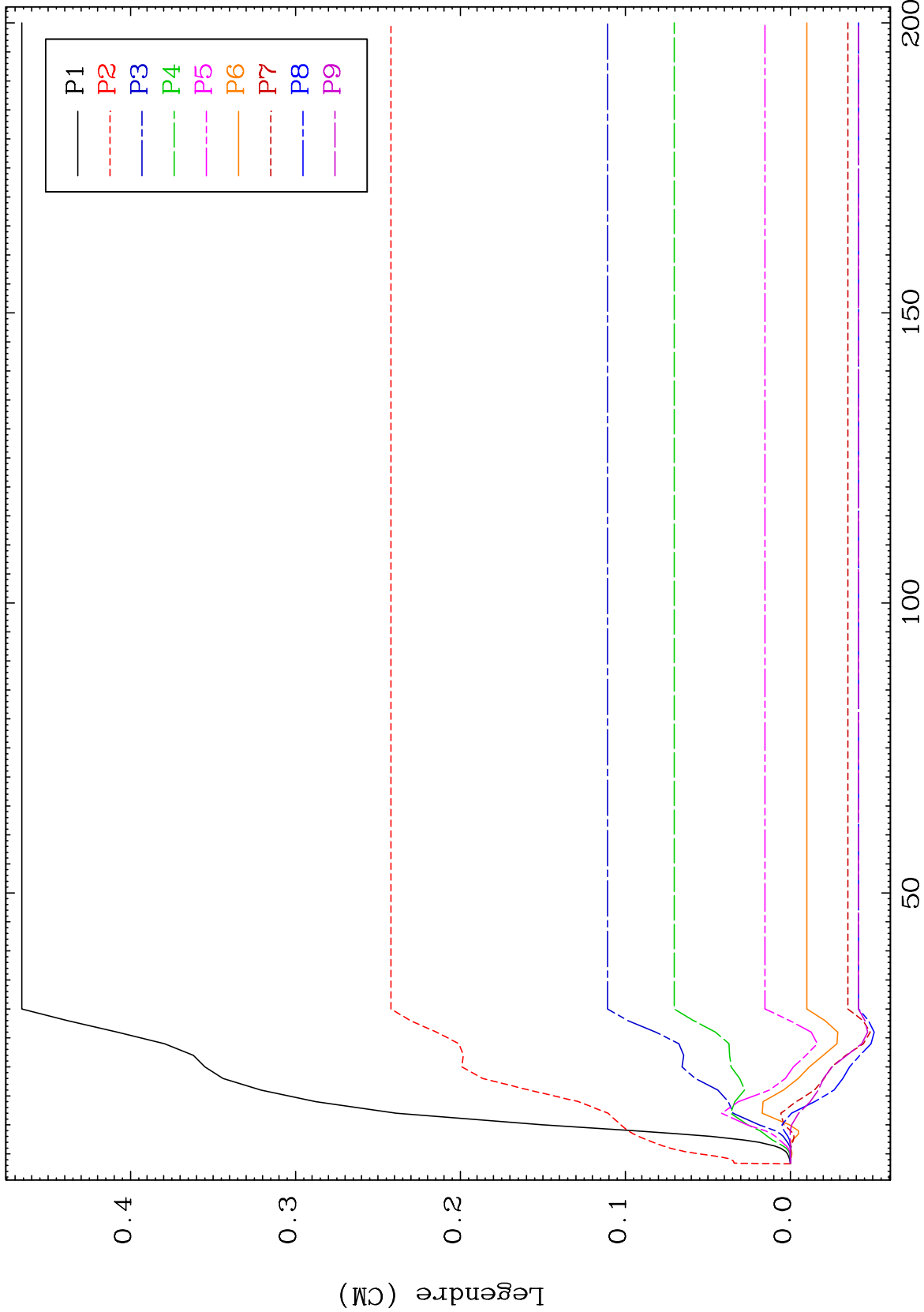


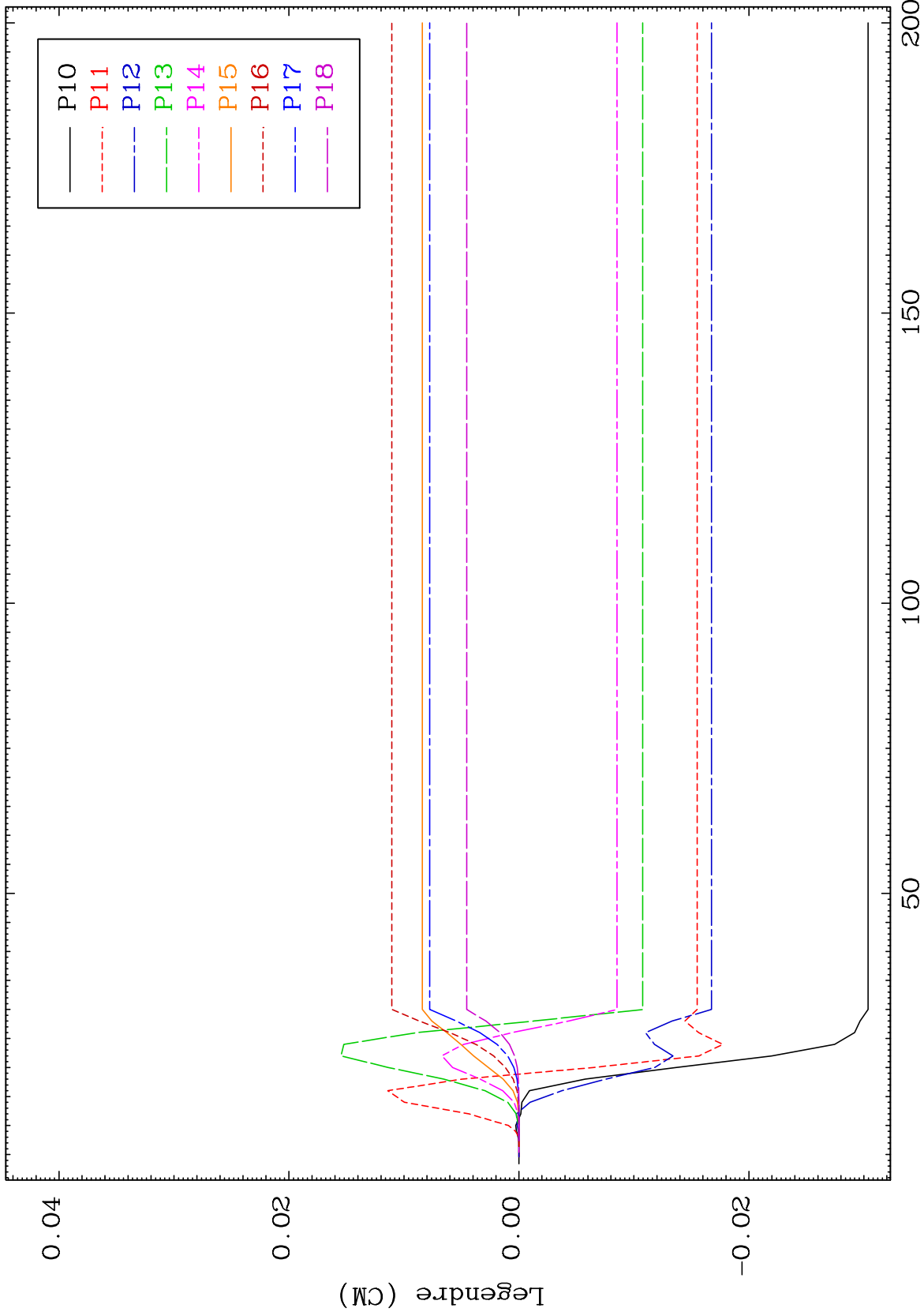


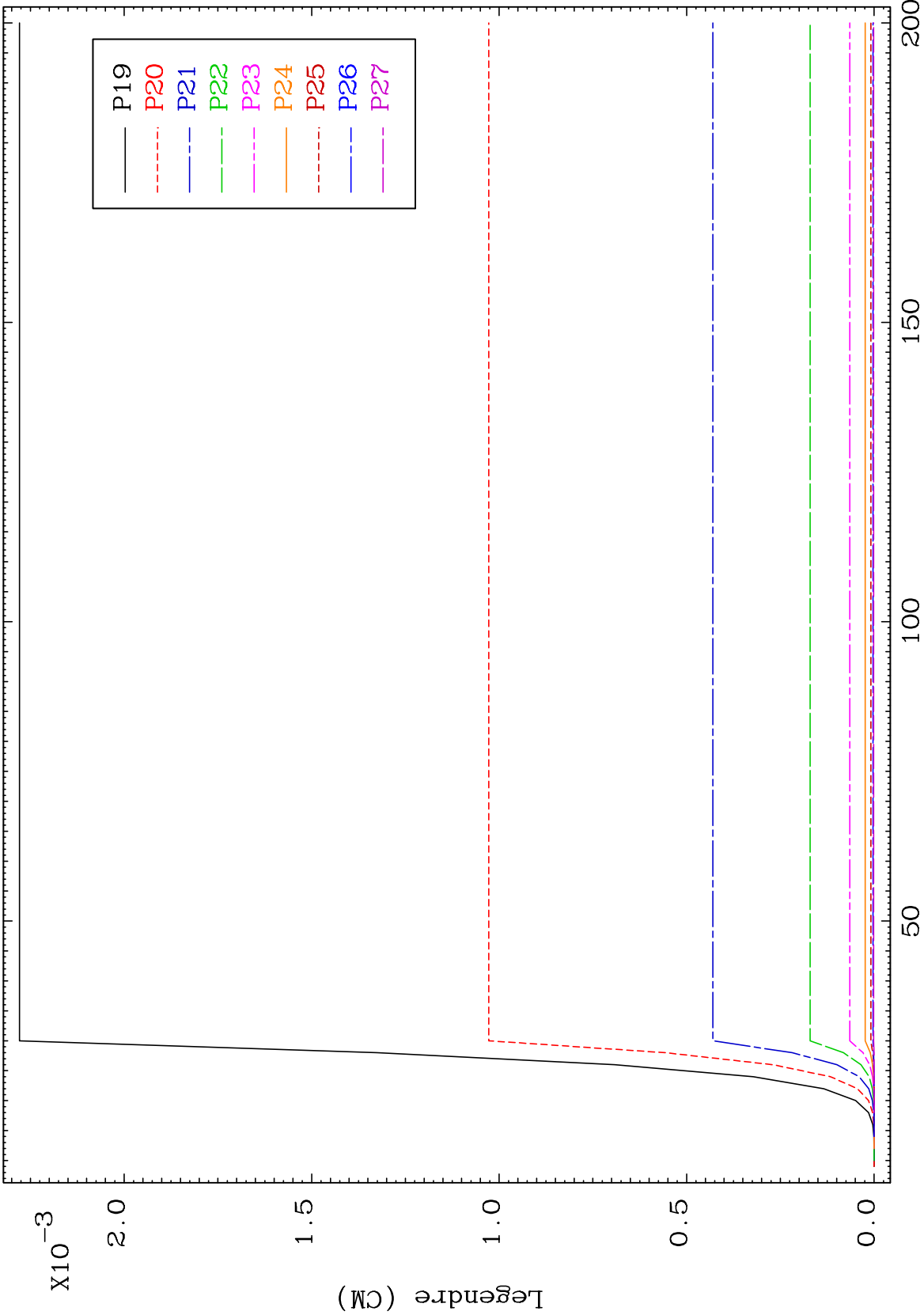








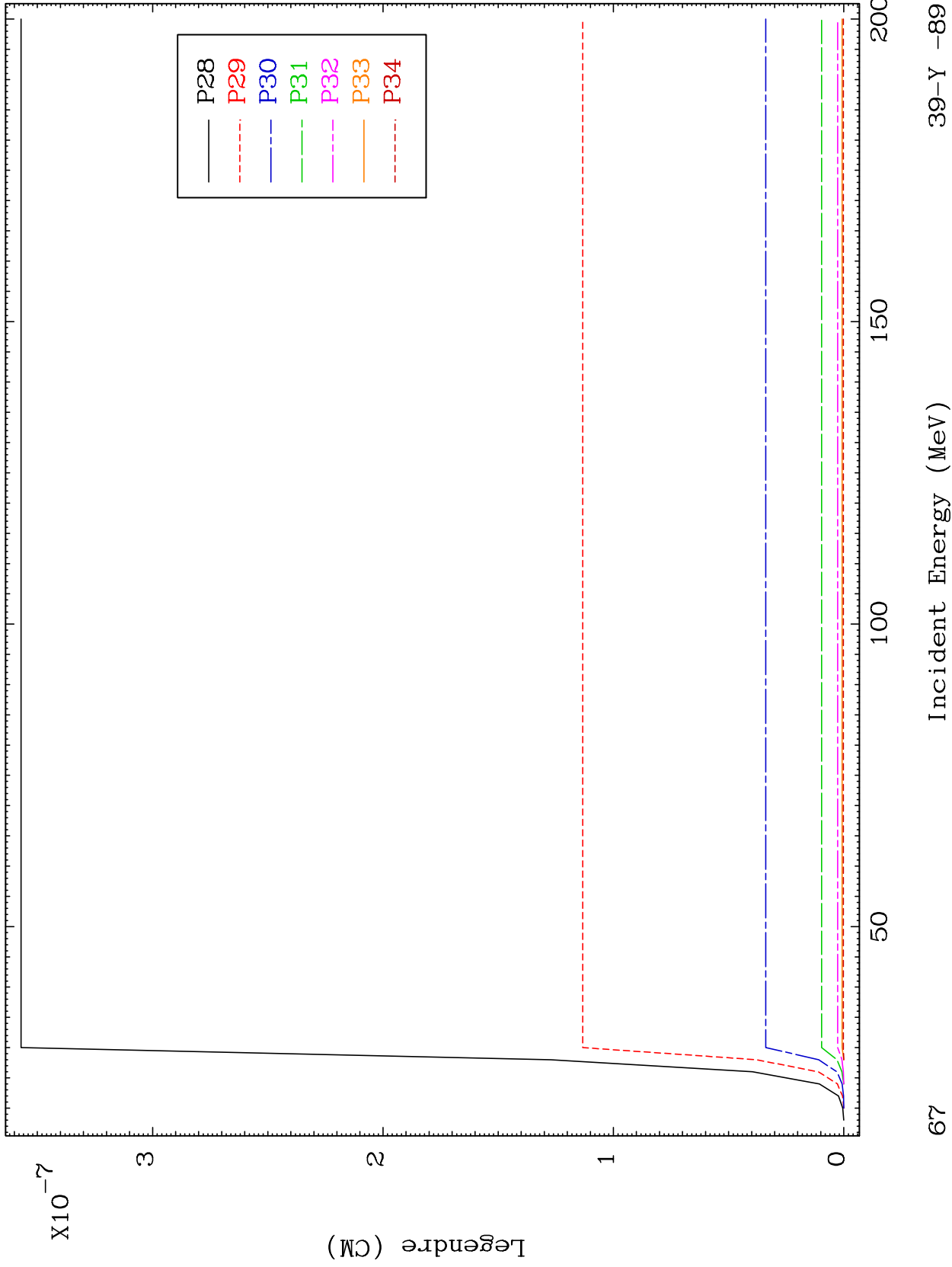


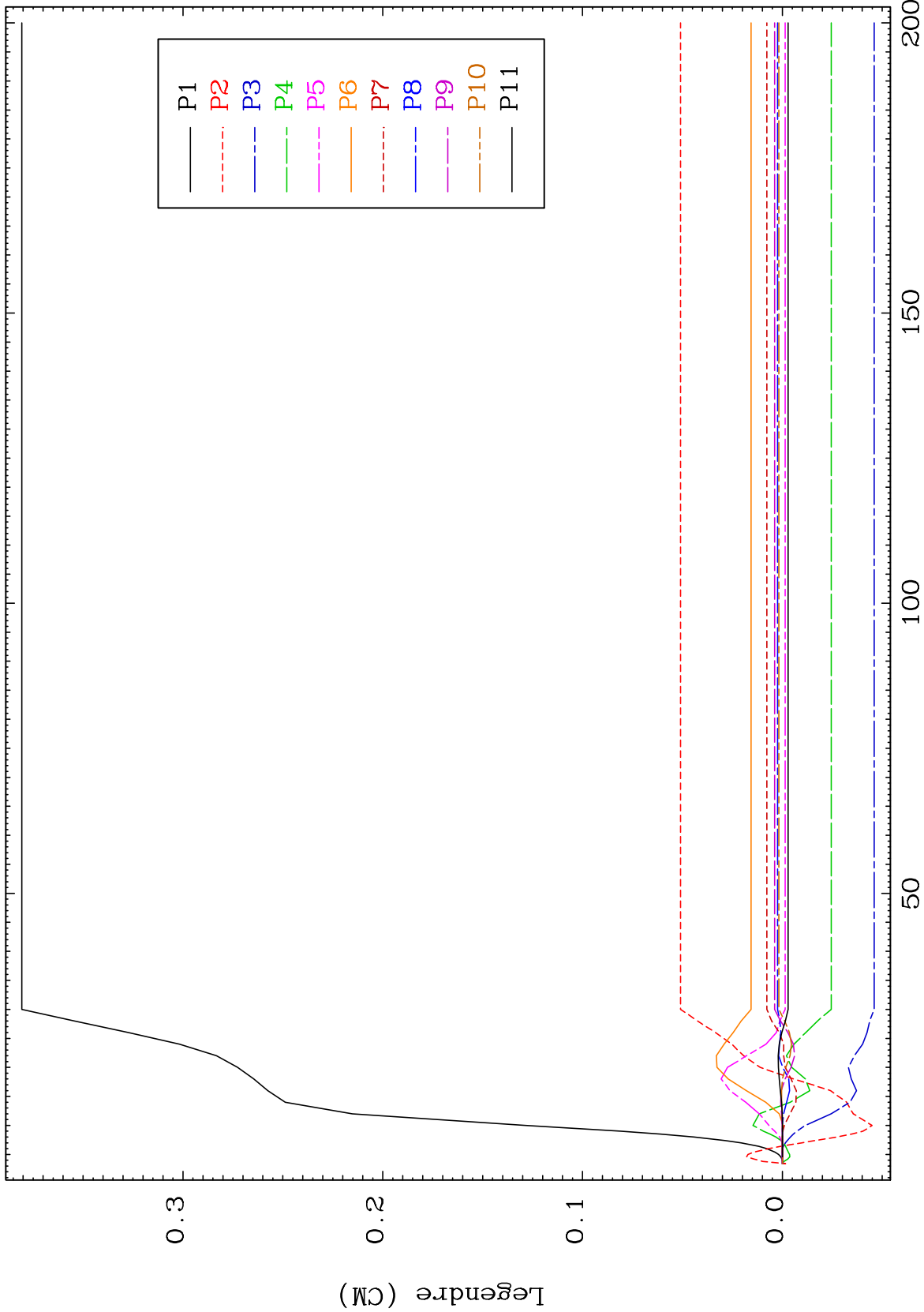


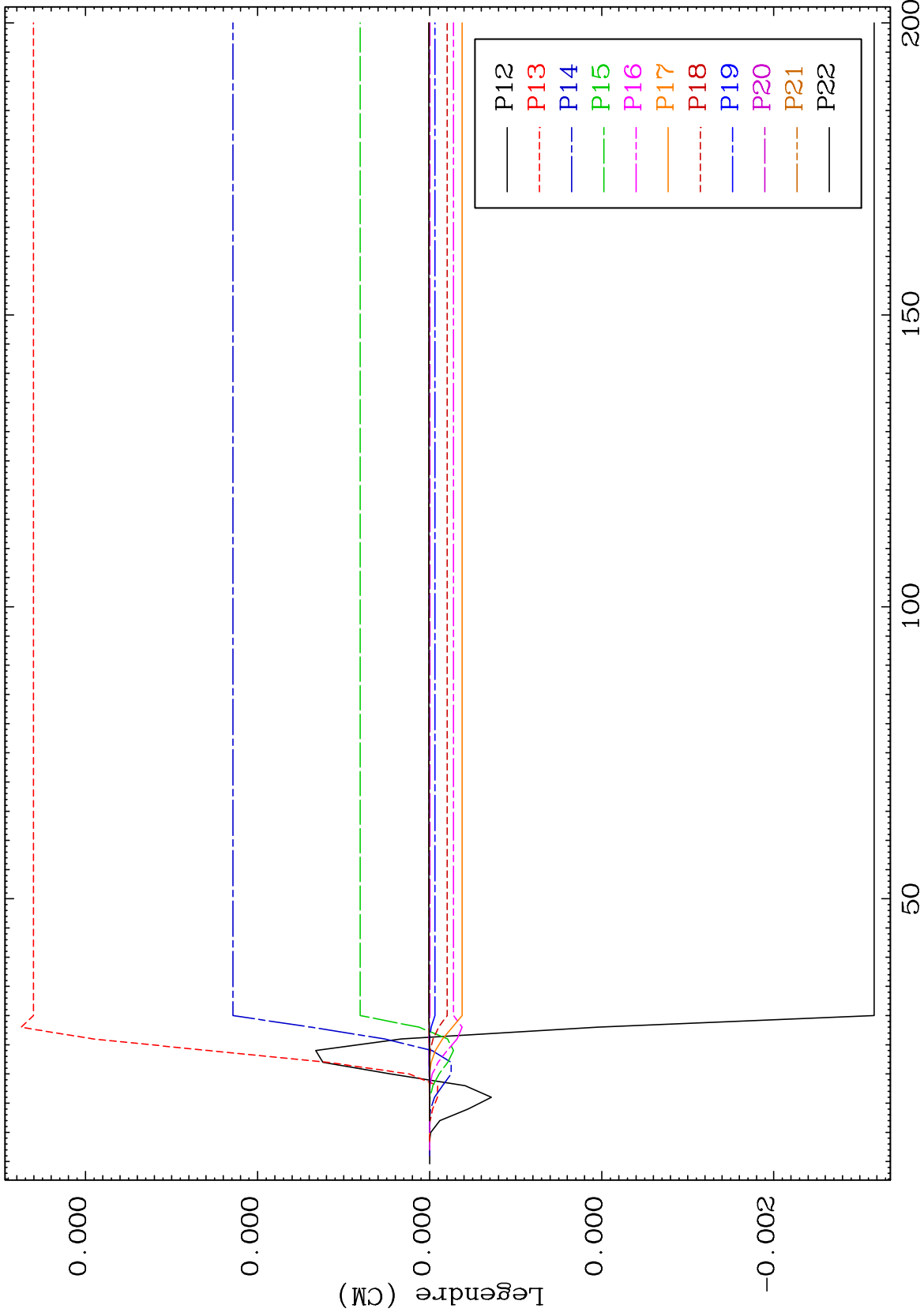
MAT 3925

3.248 MeV (n,n') Level
Legendre Coefficients

39-Y -89



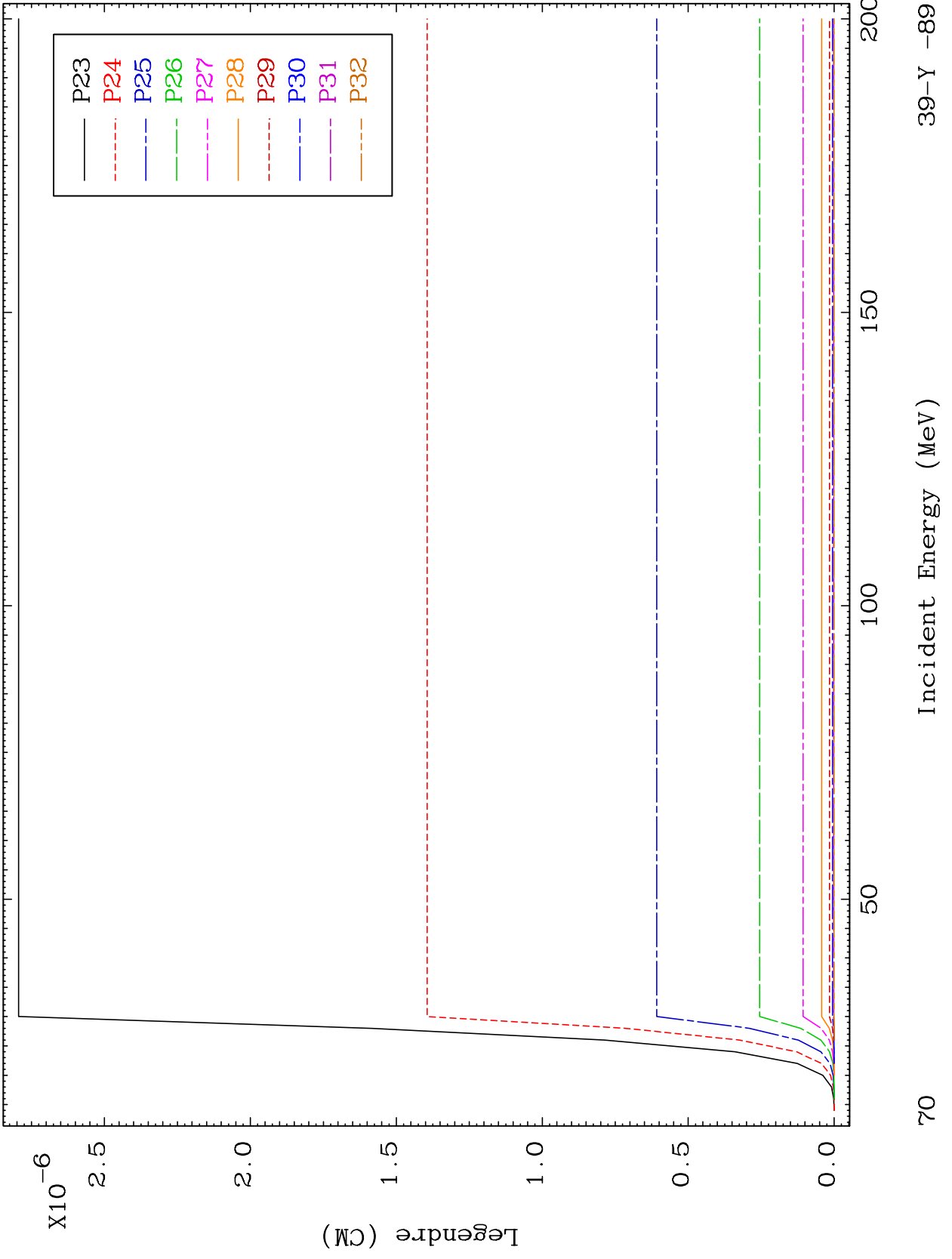


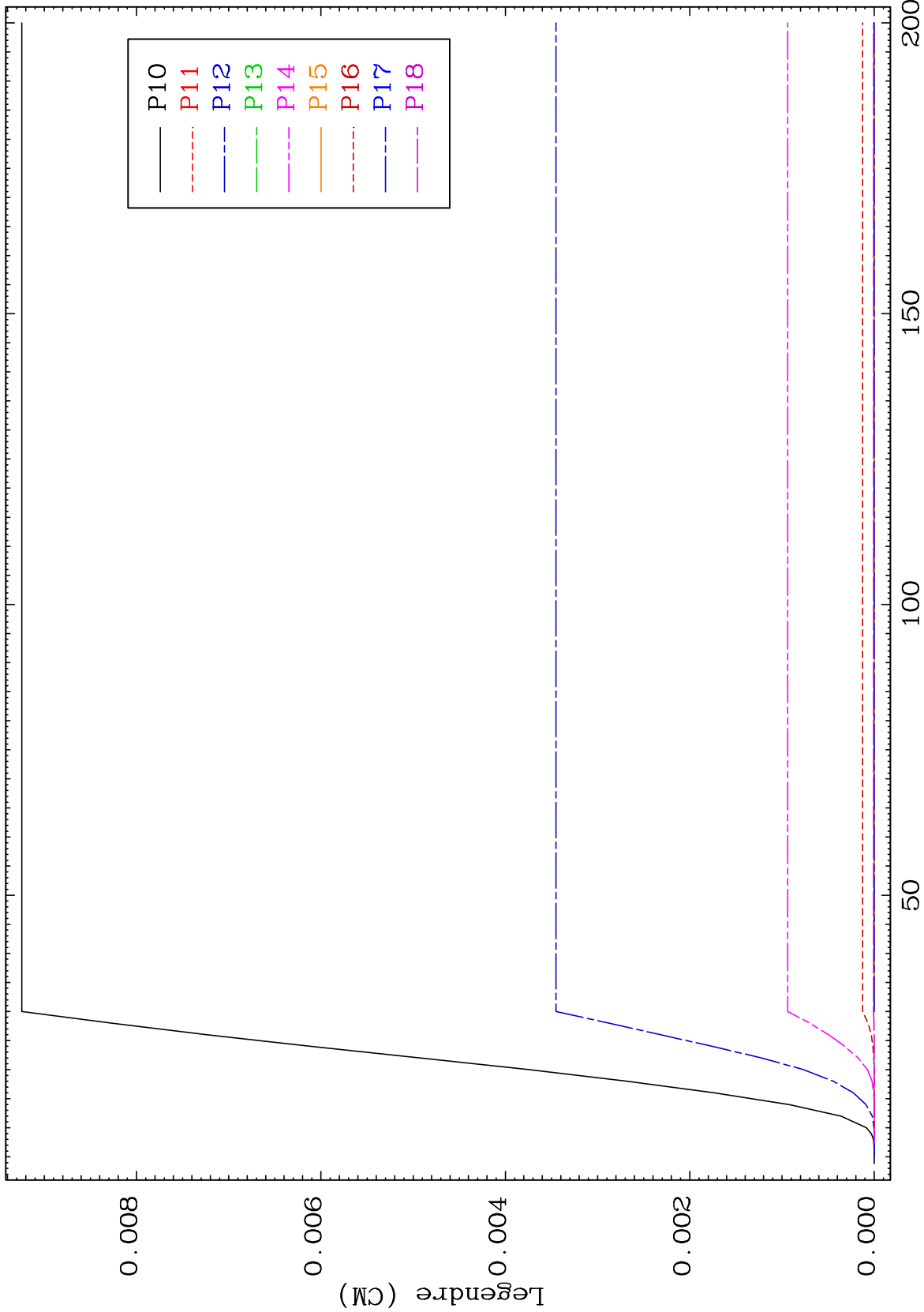


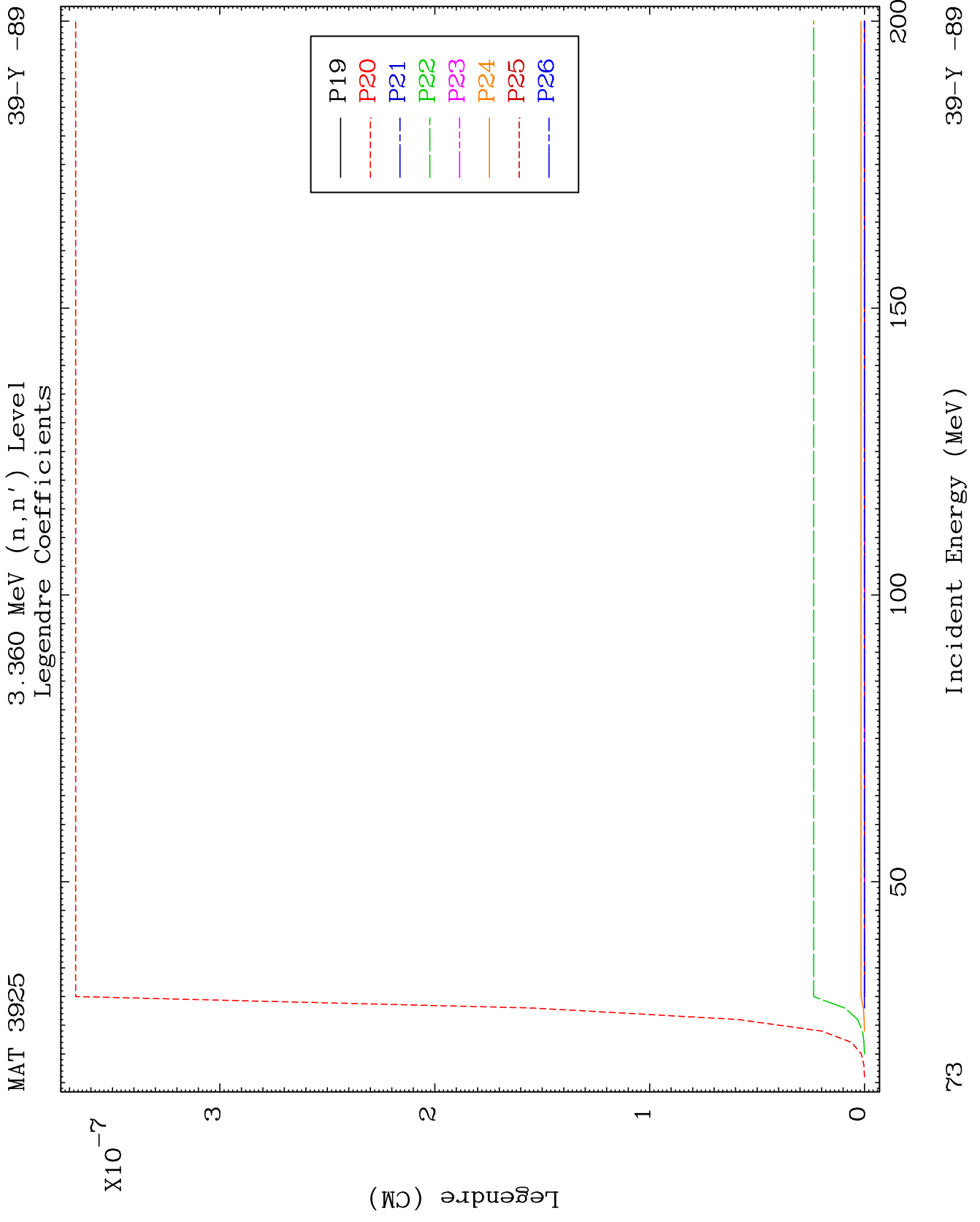
MAT 3925

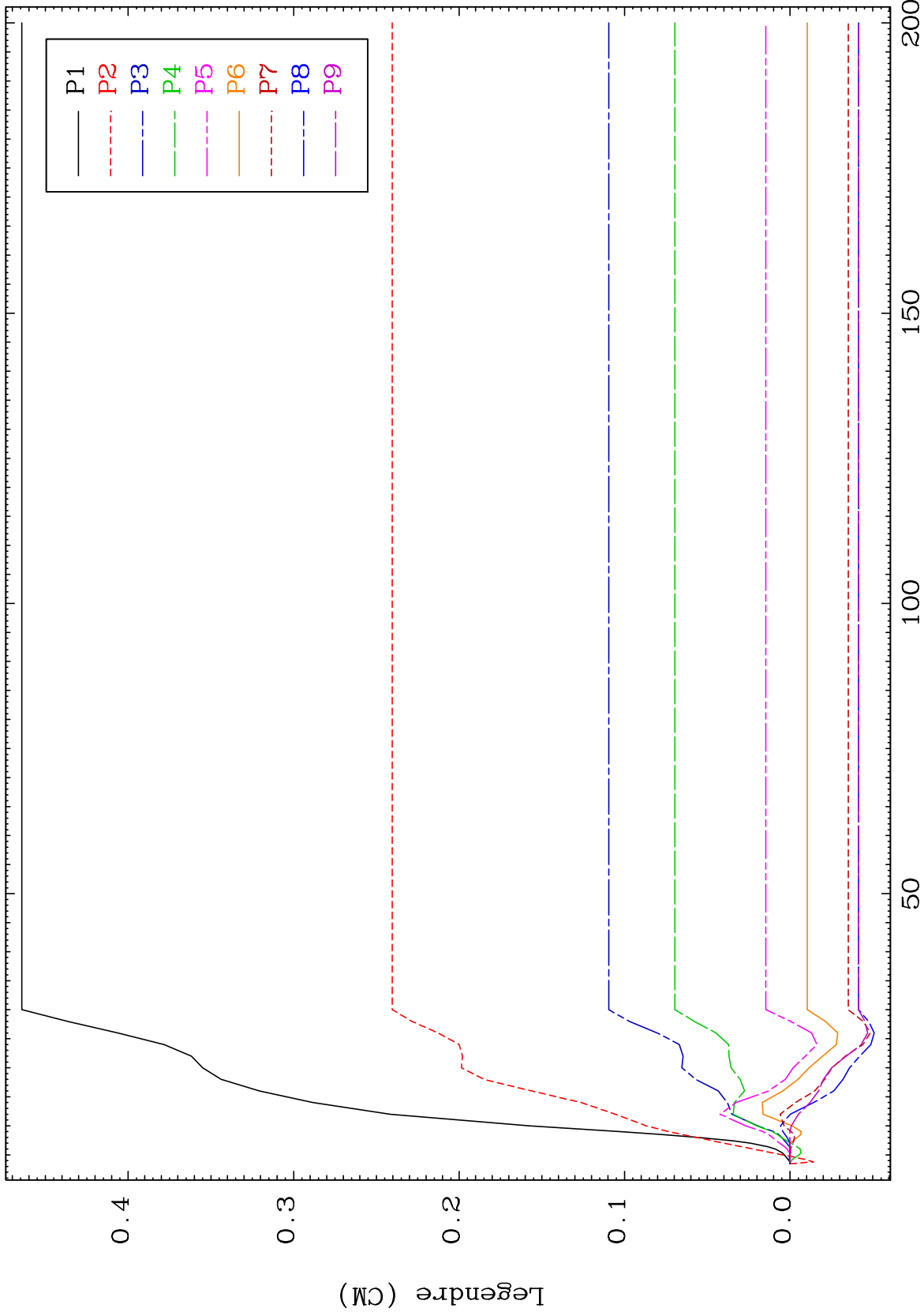
3.343 MeV (n,n') Level
Legendre Coefficients

39-Y -89





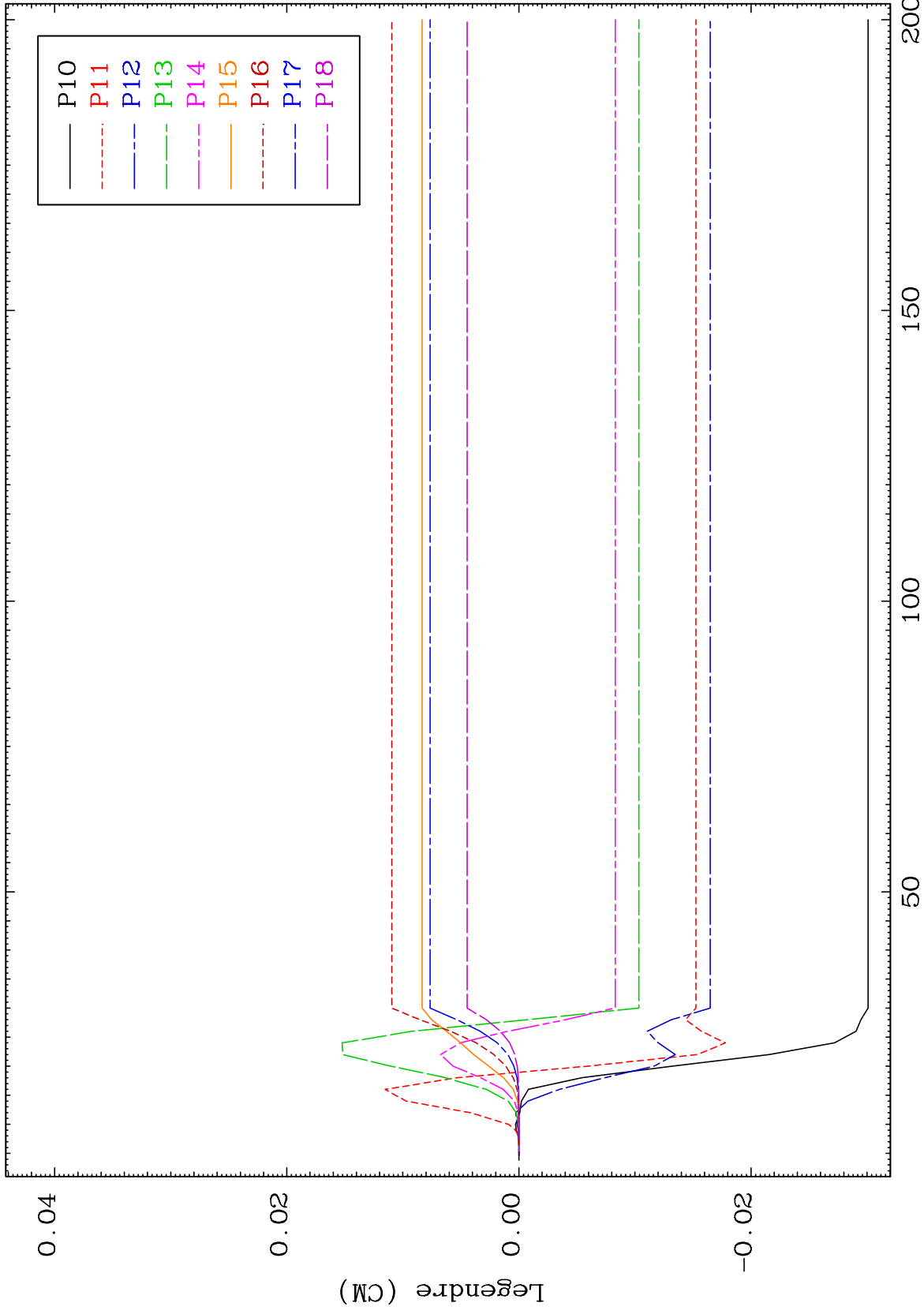




MAT 3925

3.411 MeV (n,n') Level
Legendre Coefficients

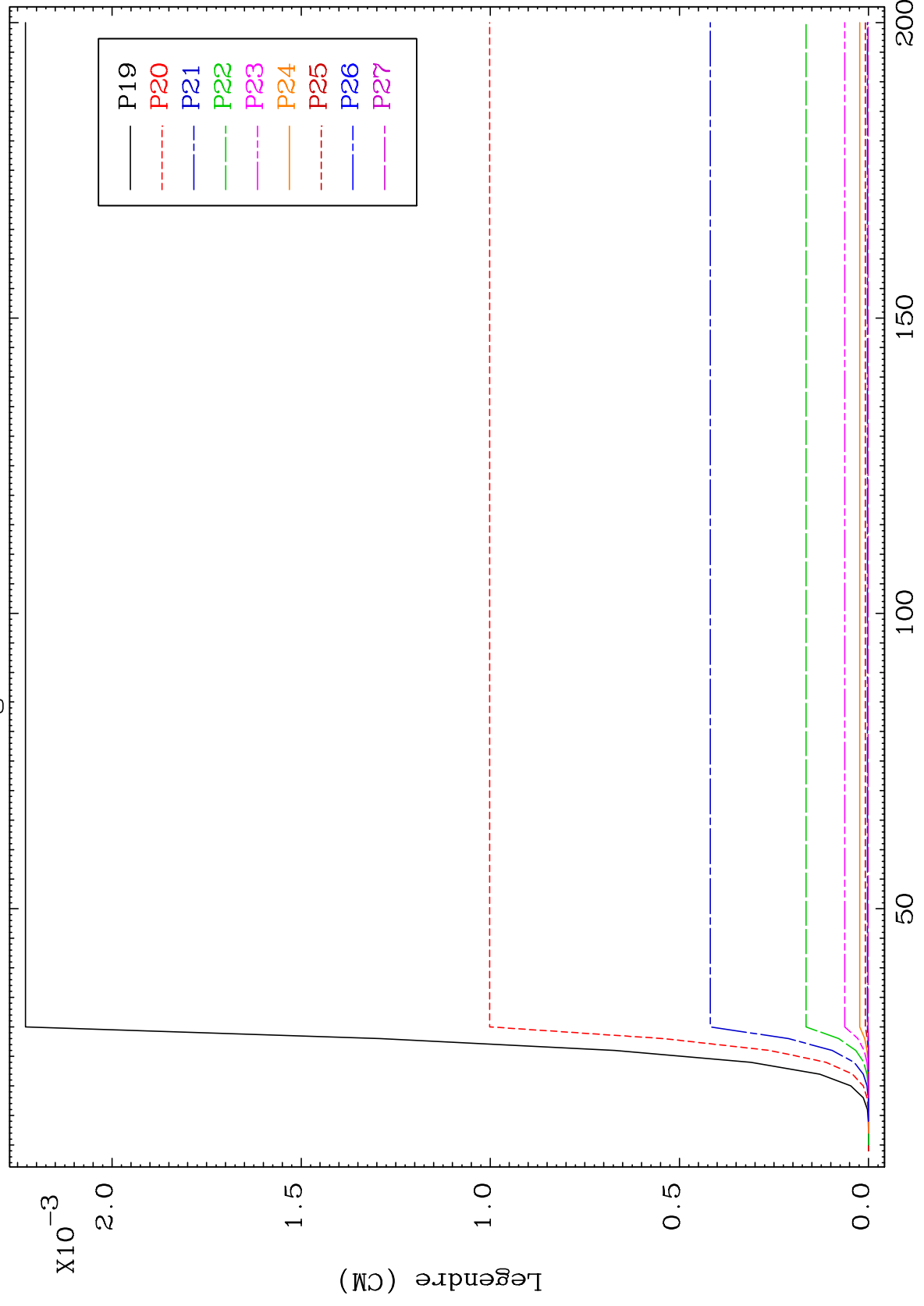
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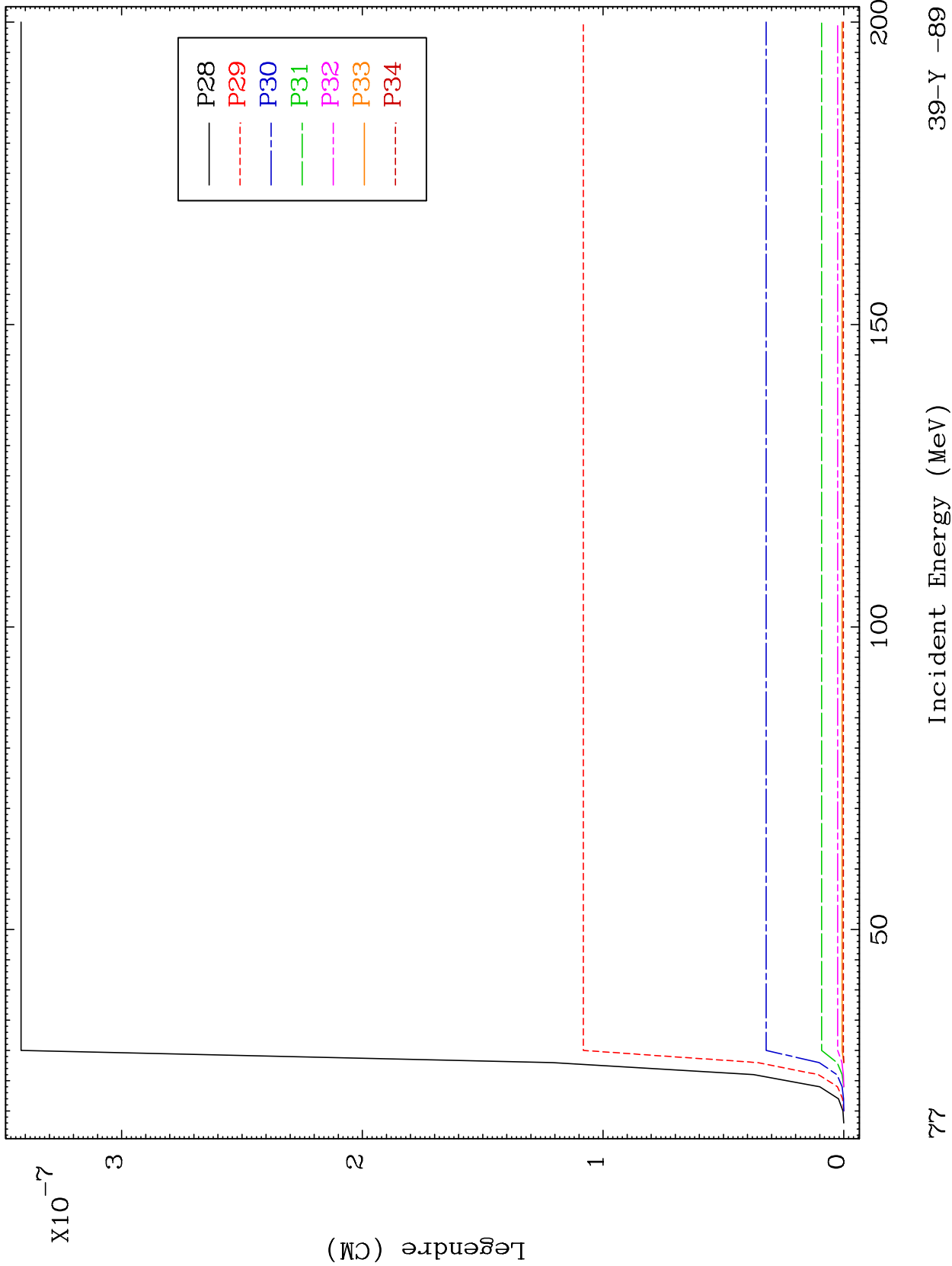


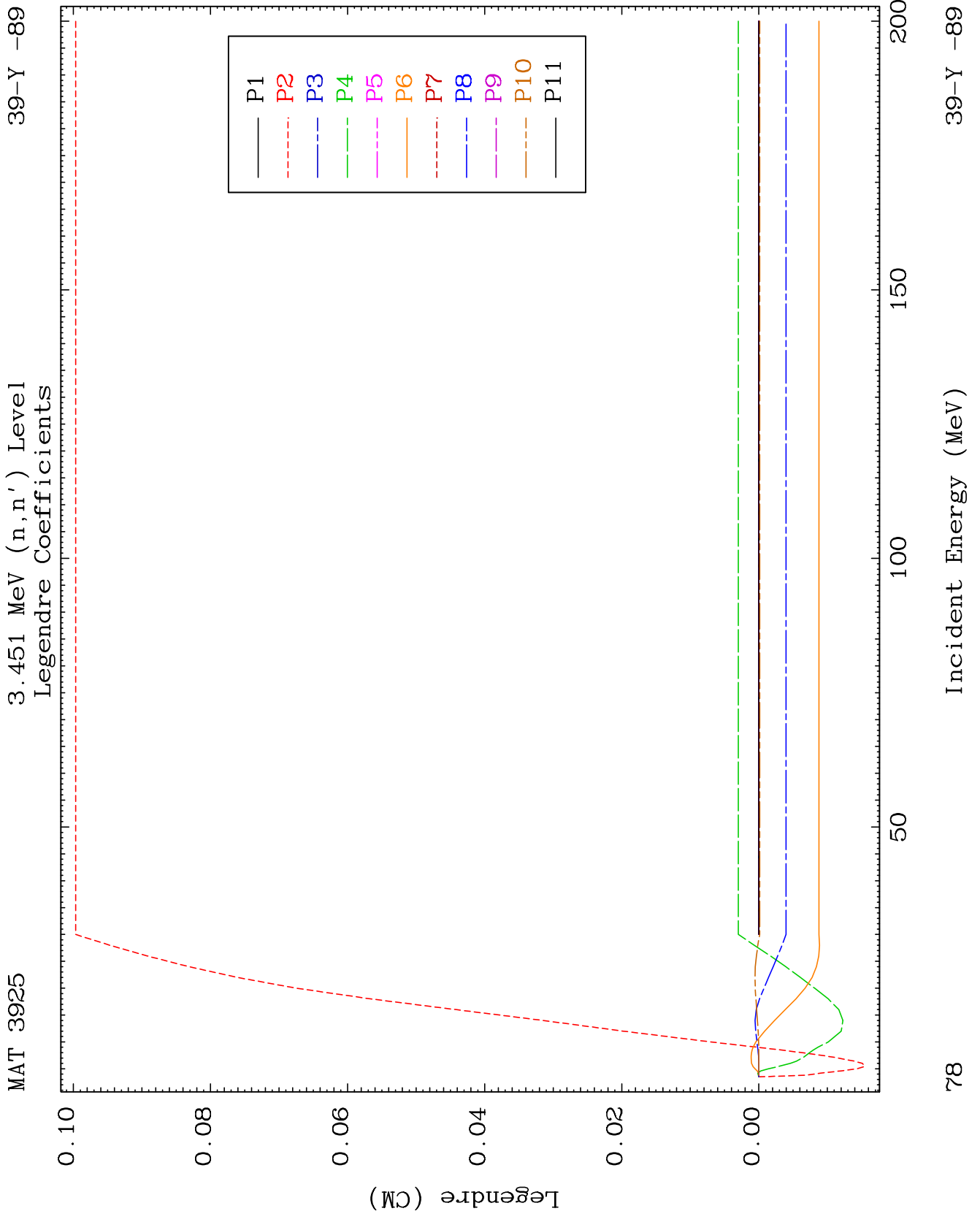
75

Incident Energy (MeV)

39-Y -89



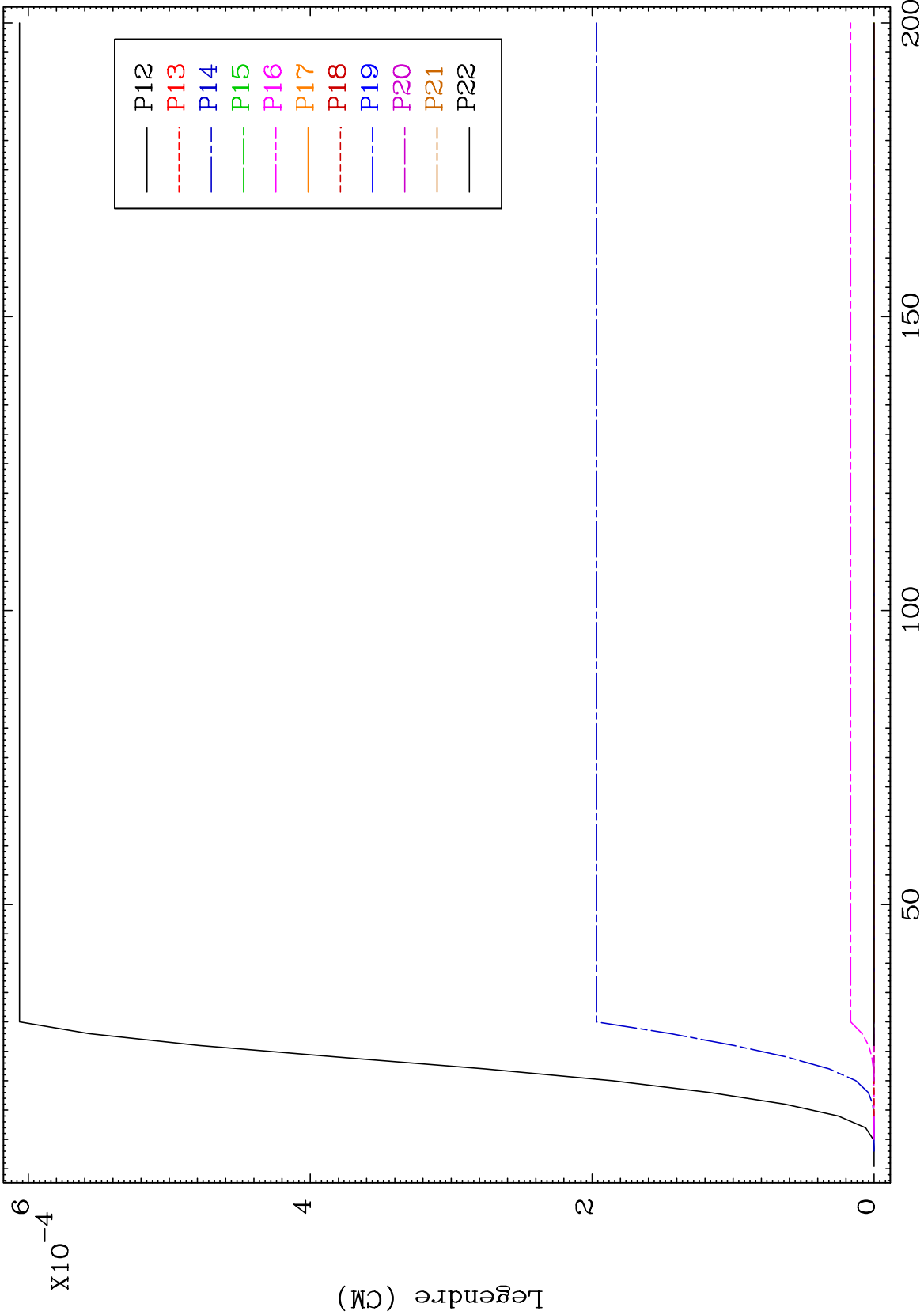




MAT 3925

3.451 MeV (n,n') Level
Legendre Coefficients

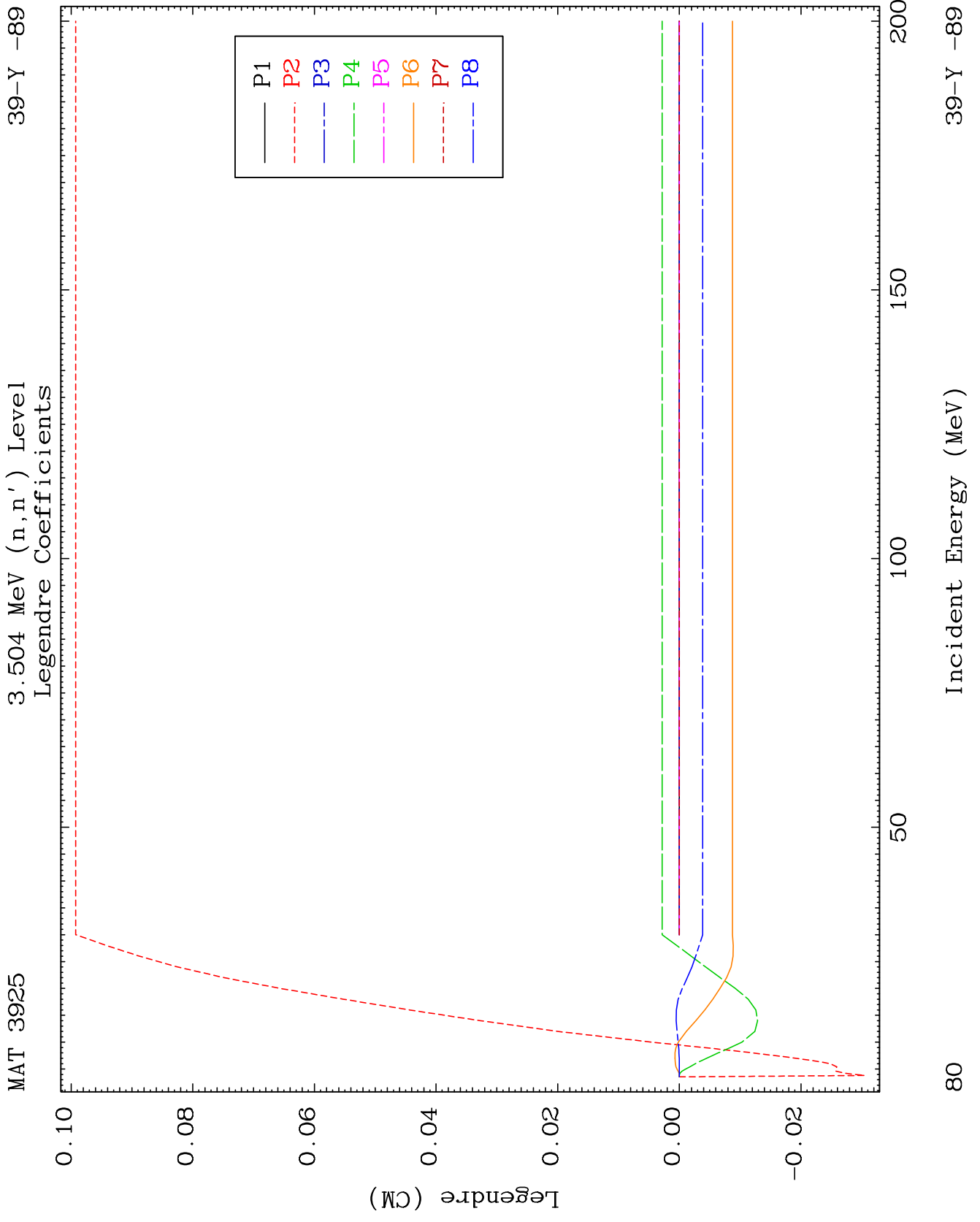
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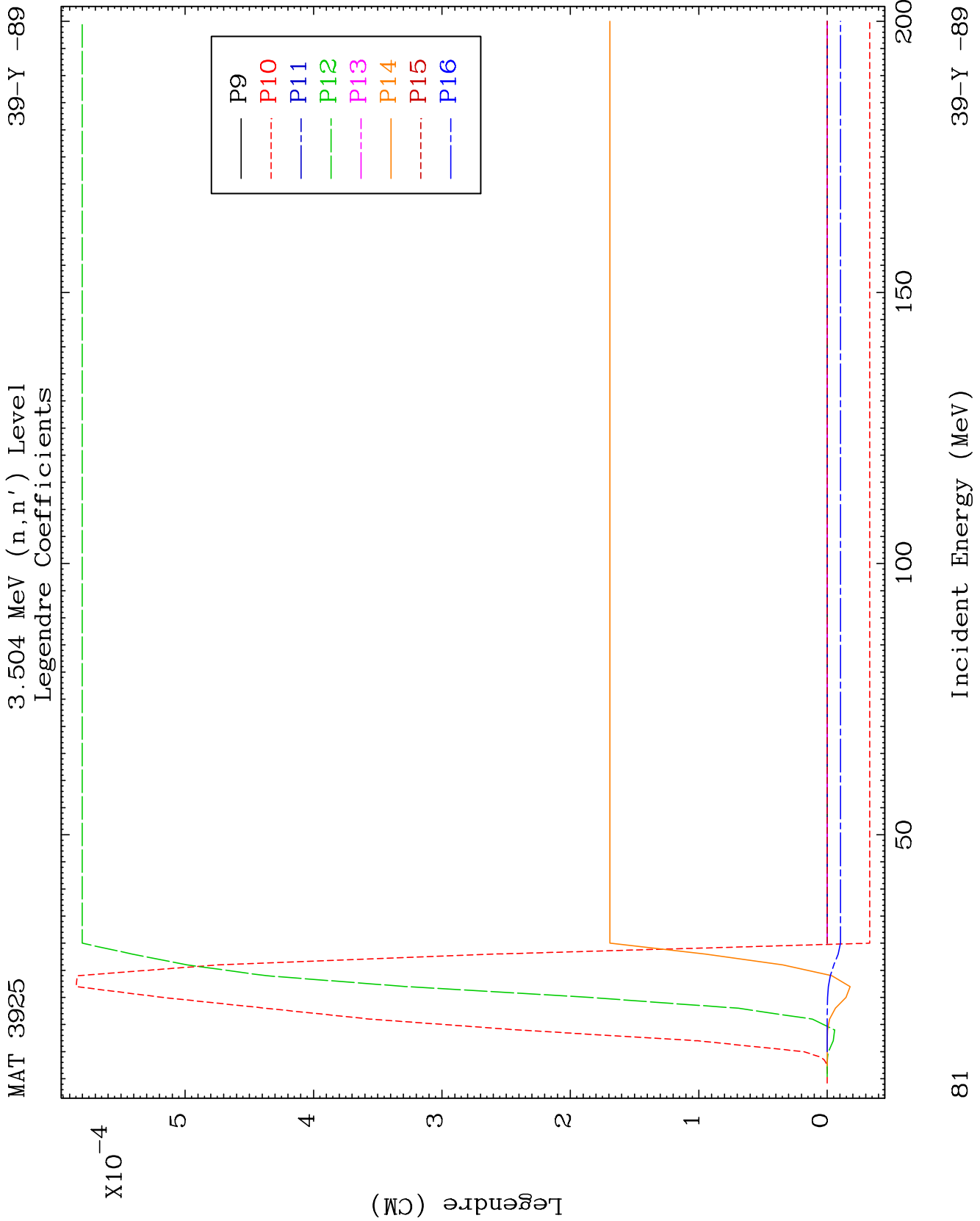


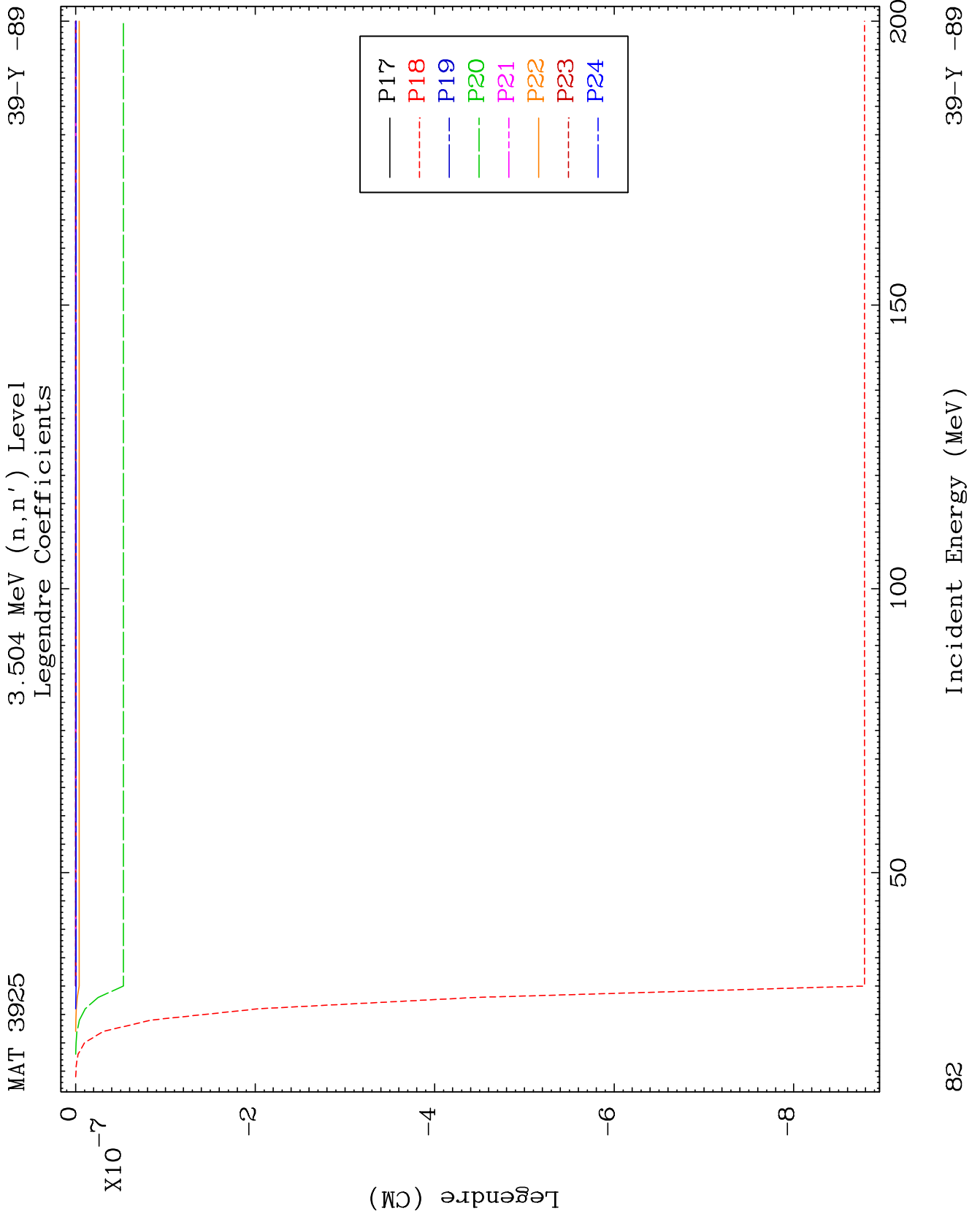
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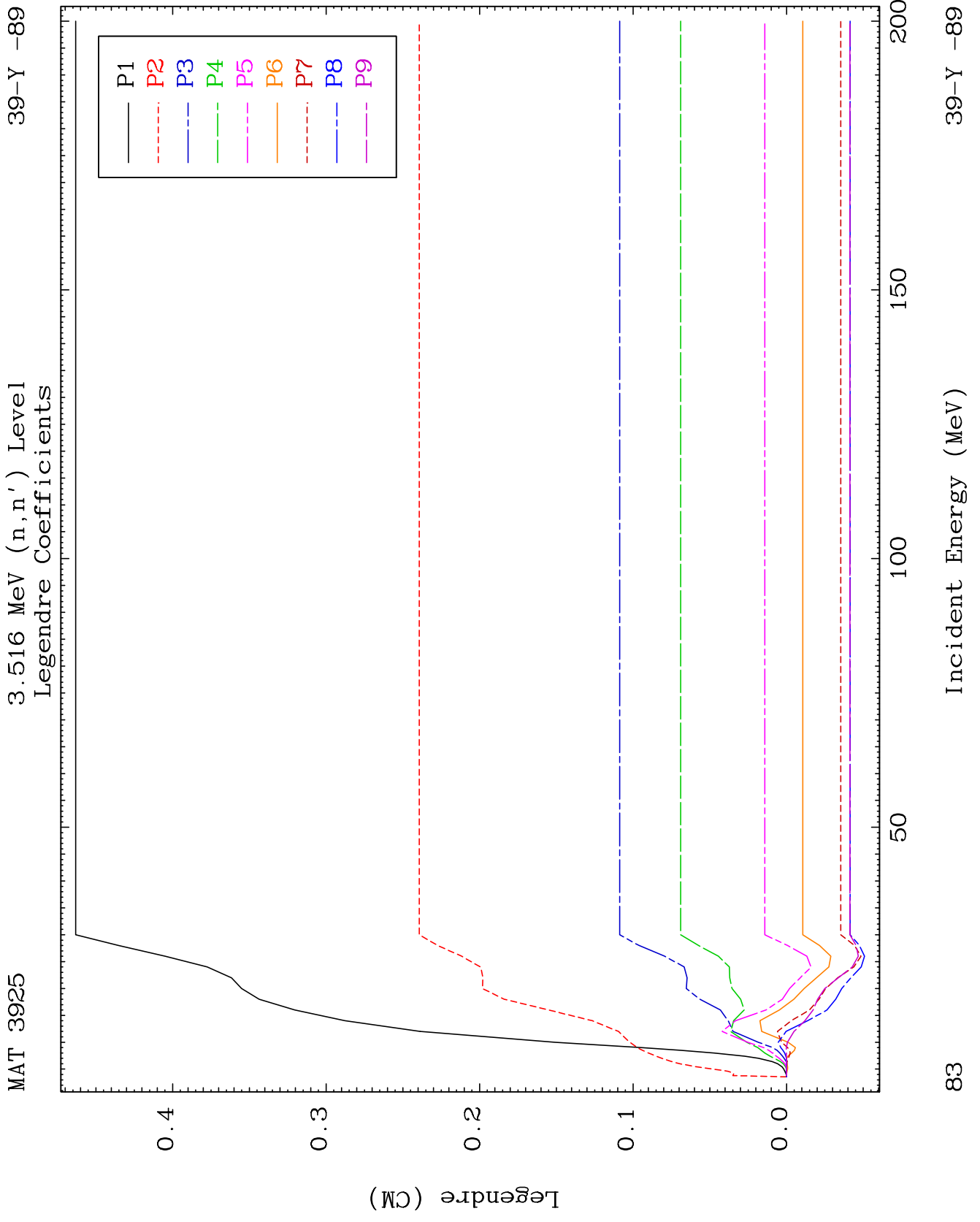
Incident Energy (MeV)

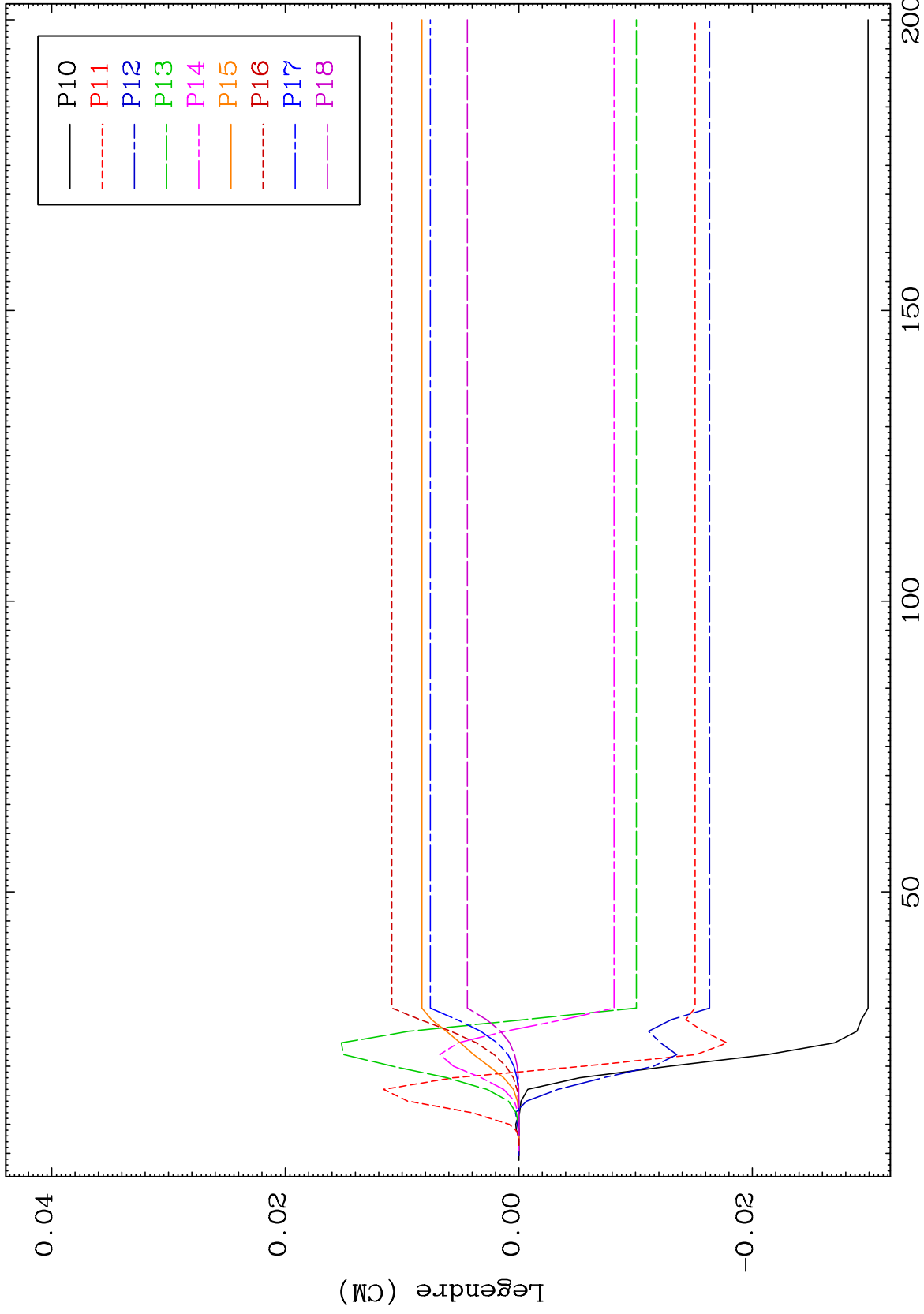
39-Y -89







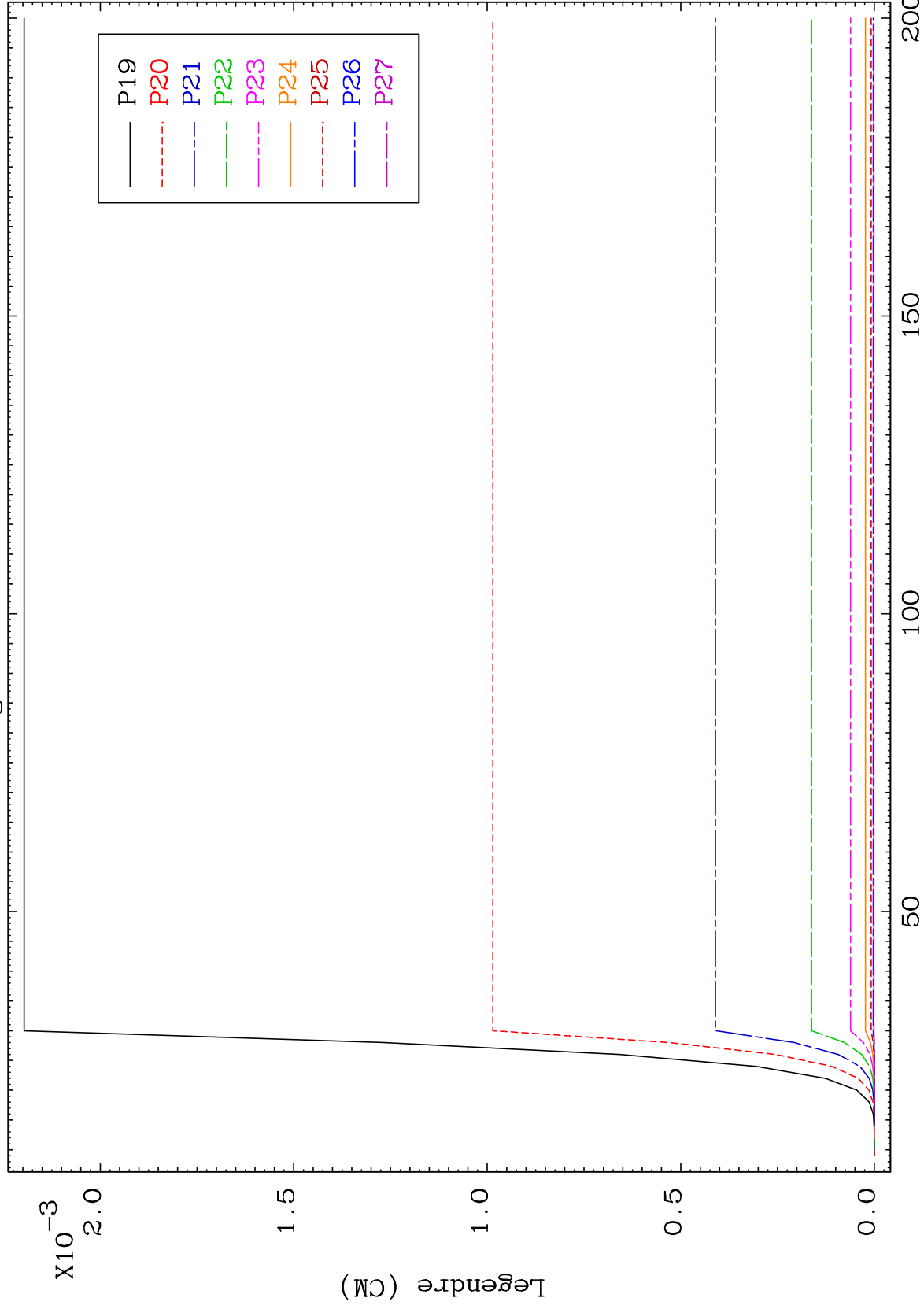




MAT 3925

3.516 MeV (n,n') Level Legendre Coefficients

39-Y -89



85

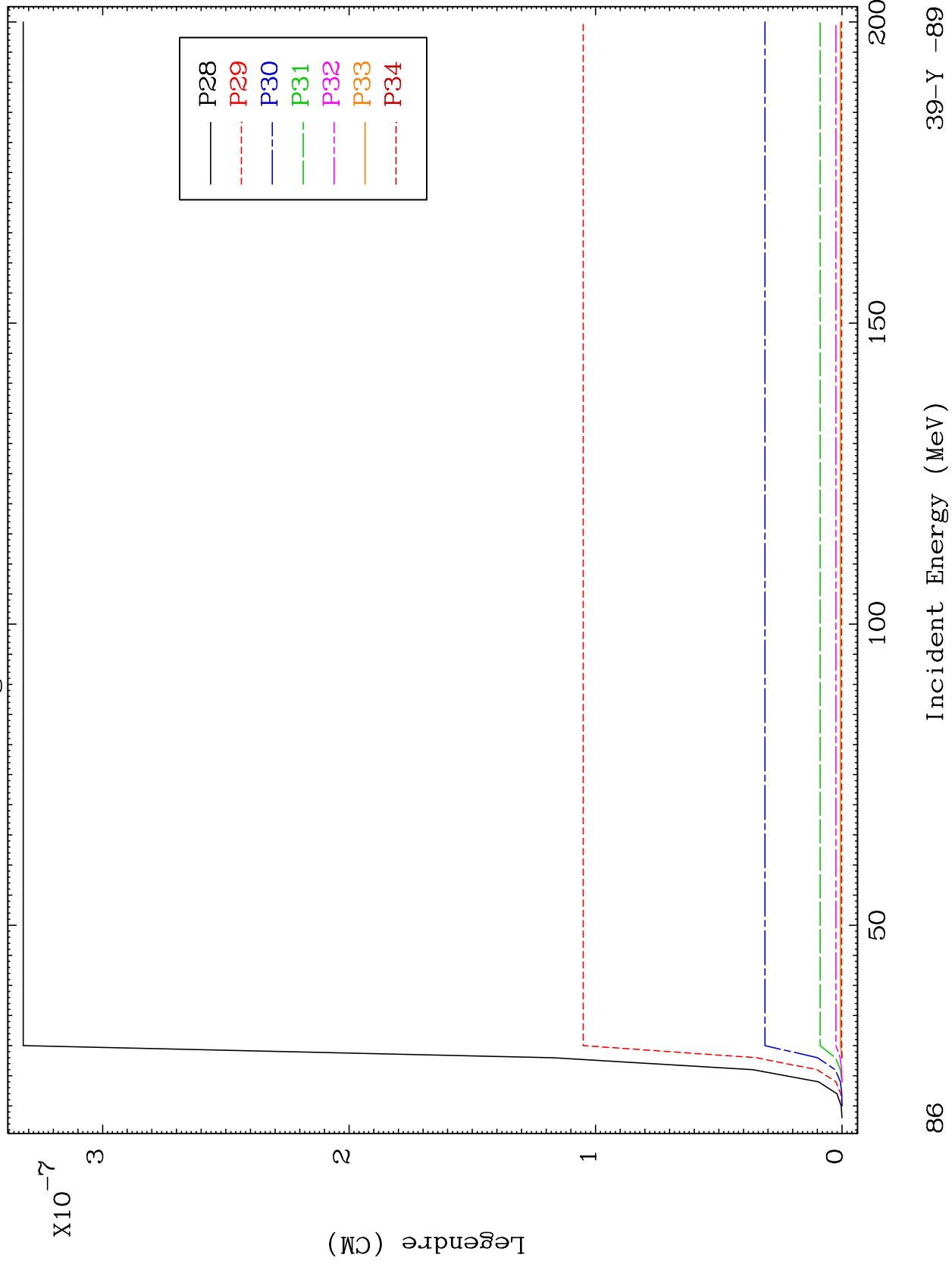
Incident Energy (MeV)

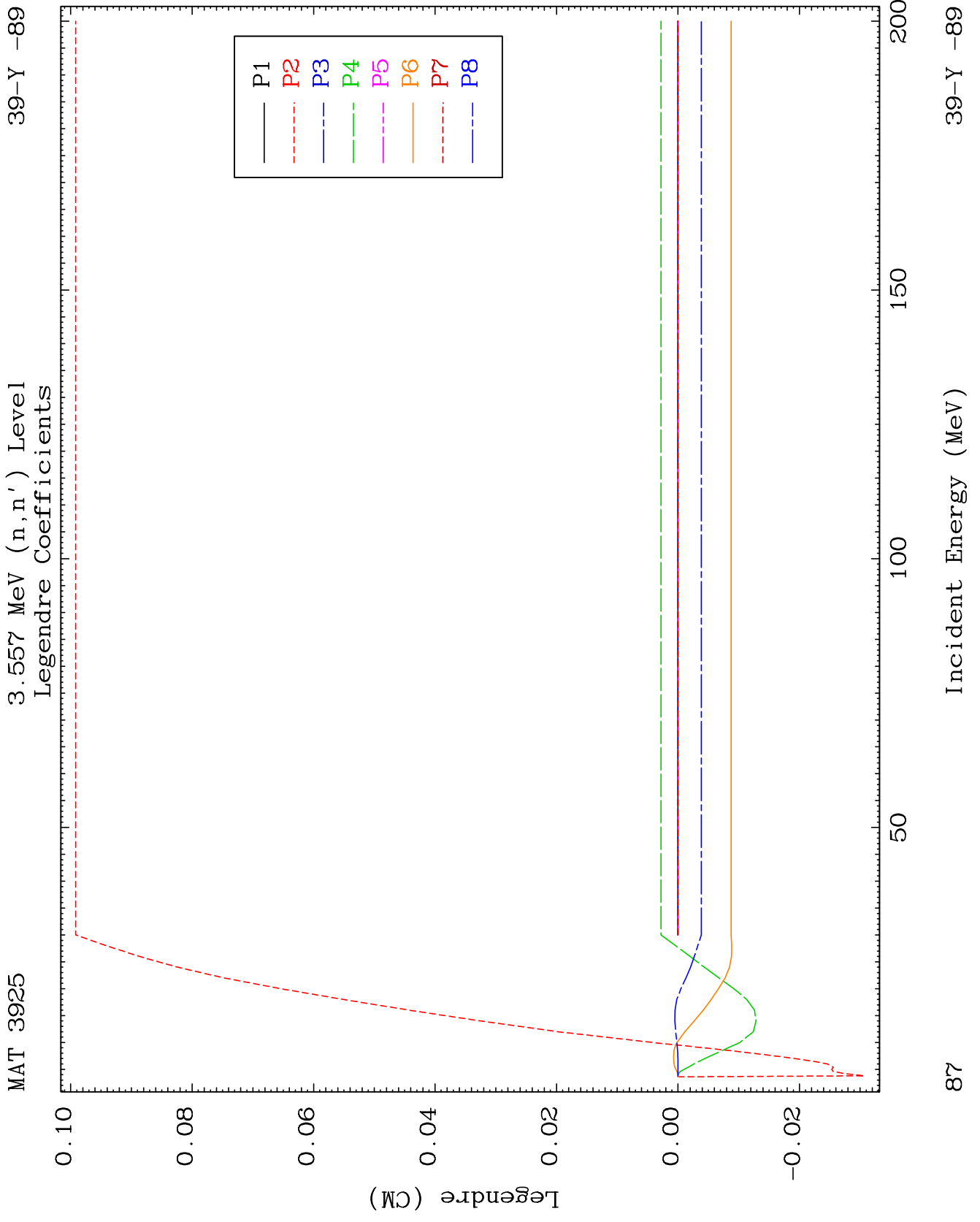
39-Y -89

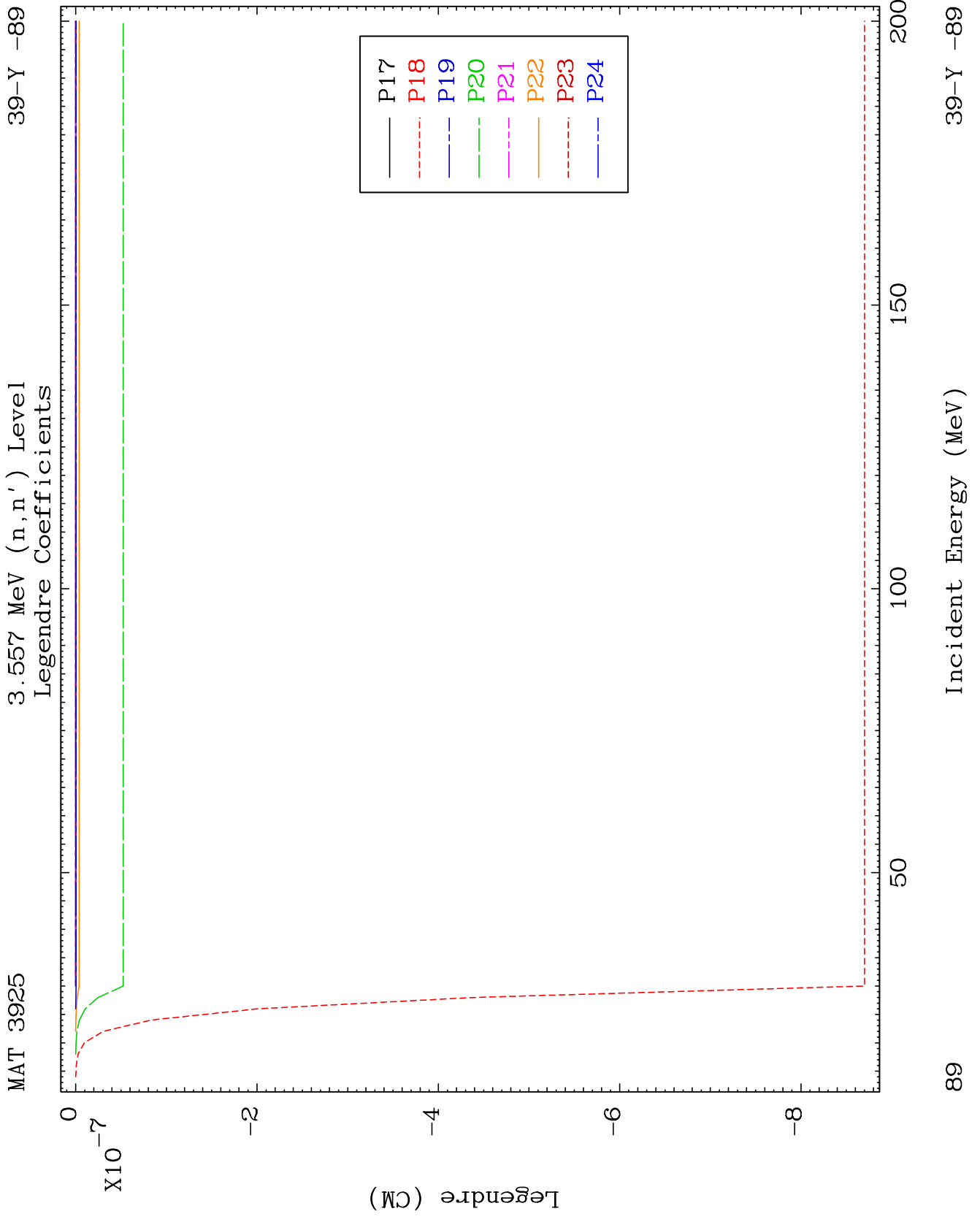
MAT 3925

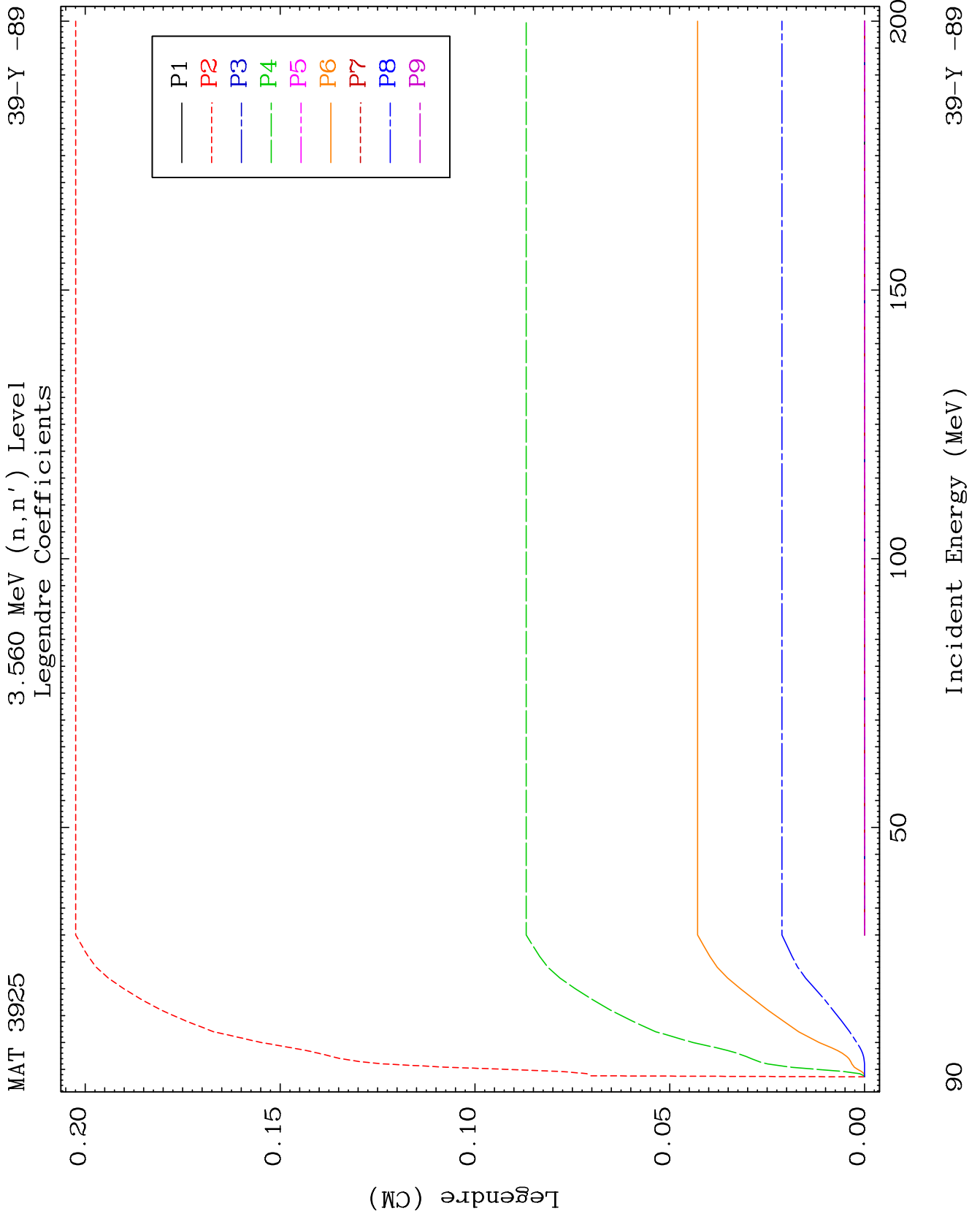
3.516 MeV (n,n') Level
Legendre Coefficients

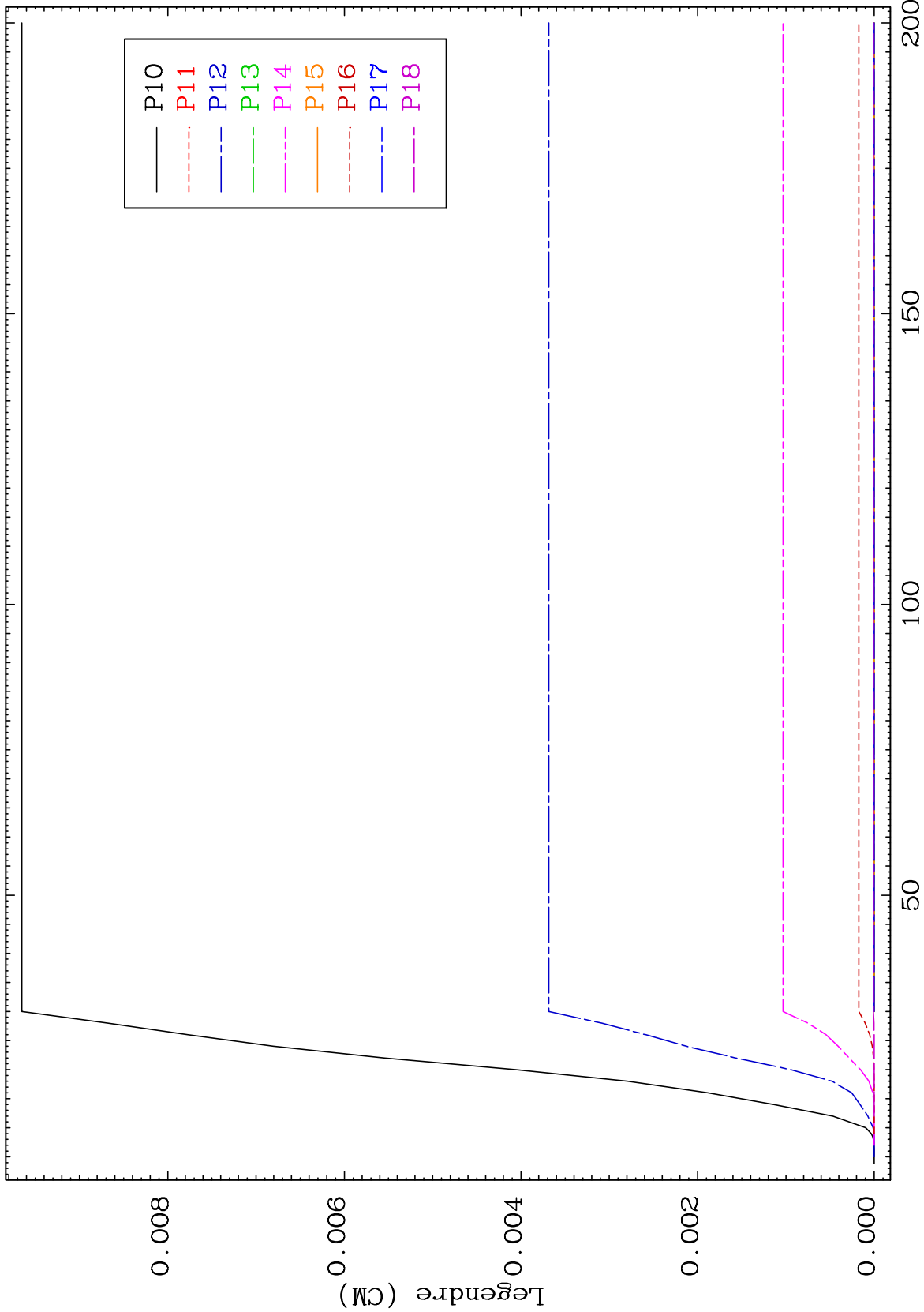
39-Y -89

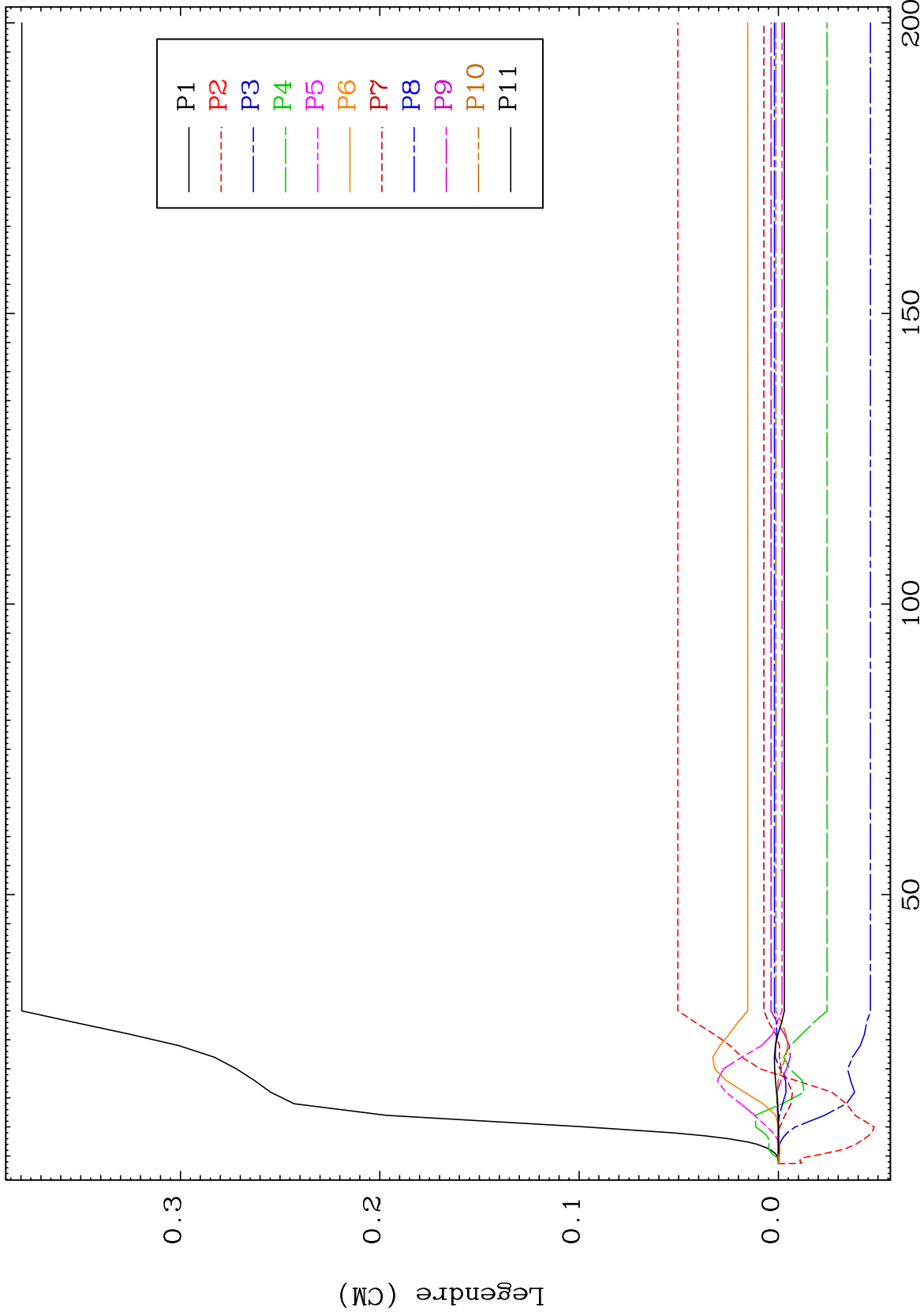


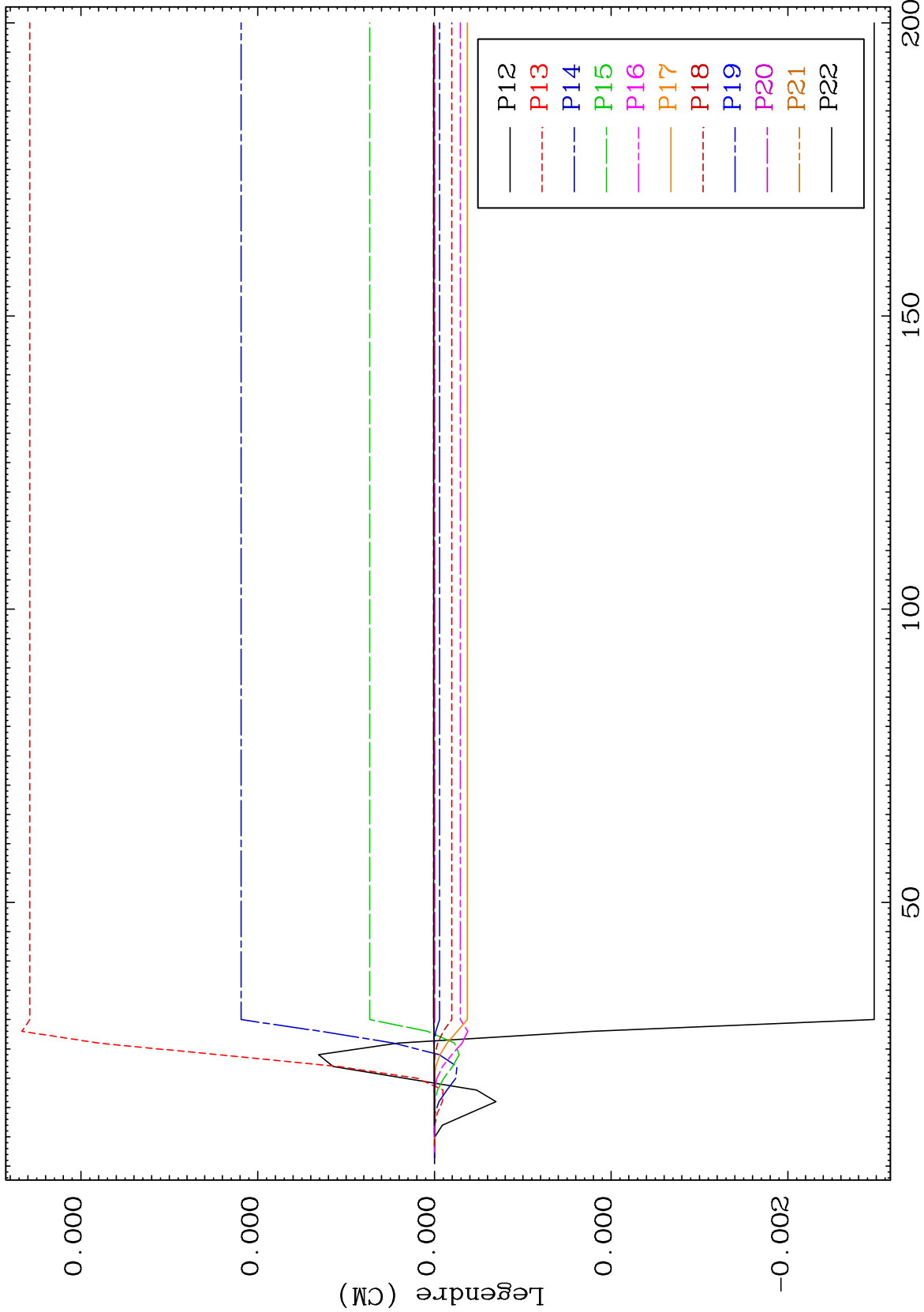


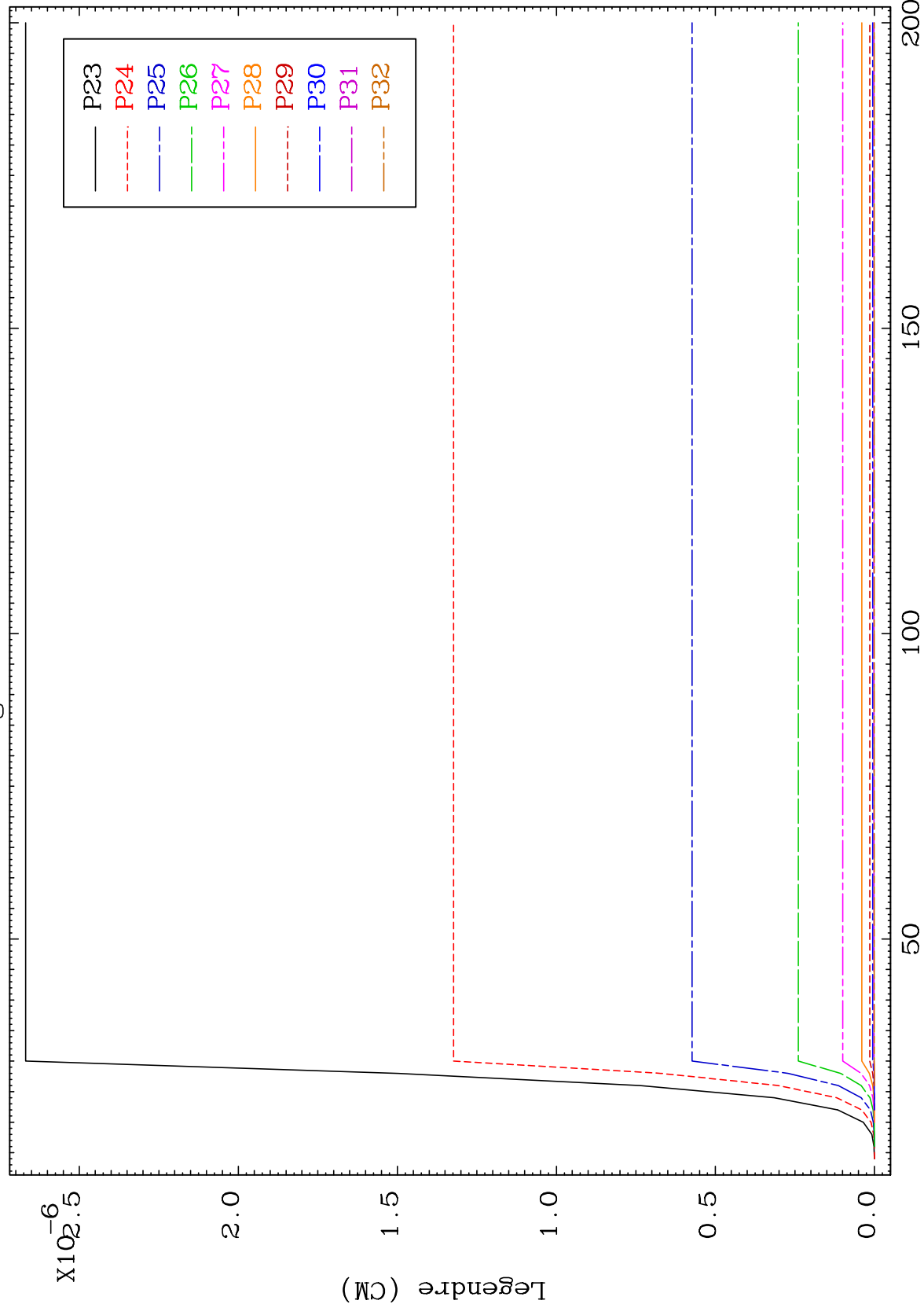








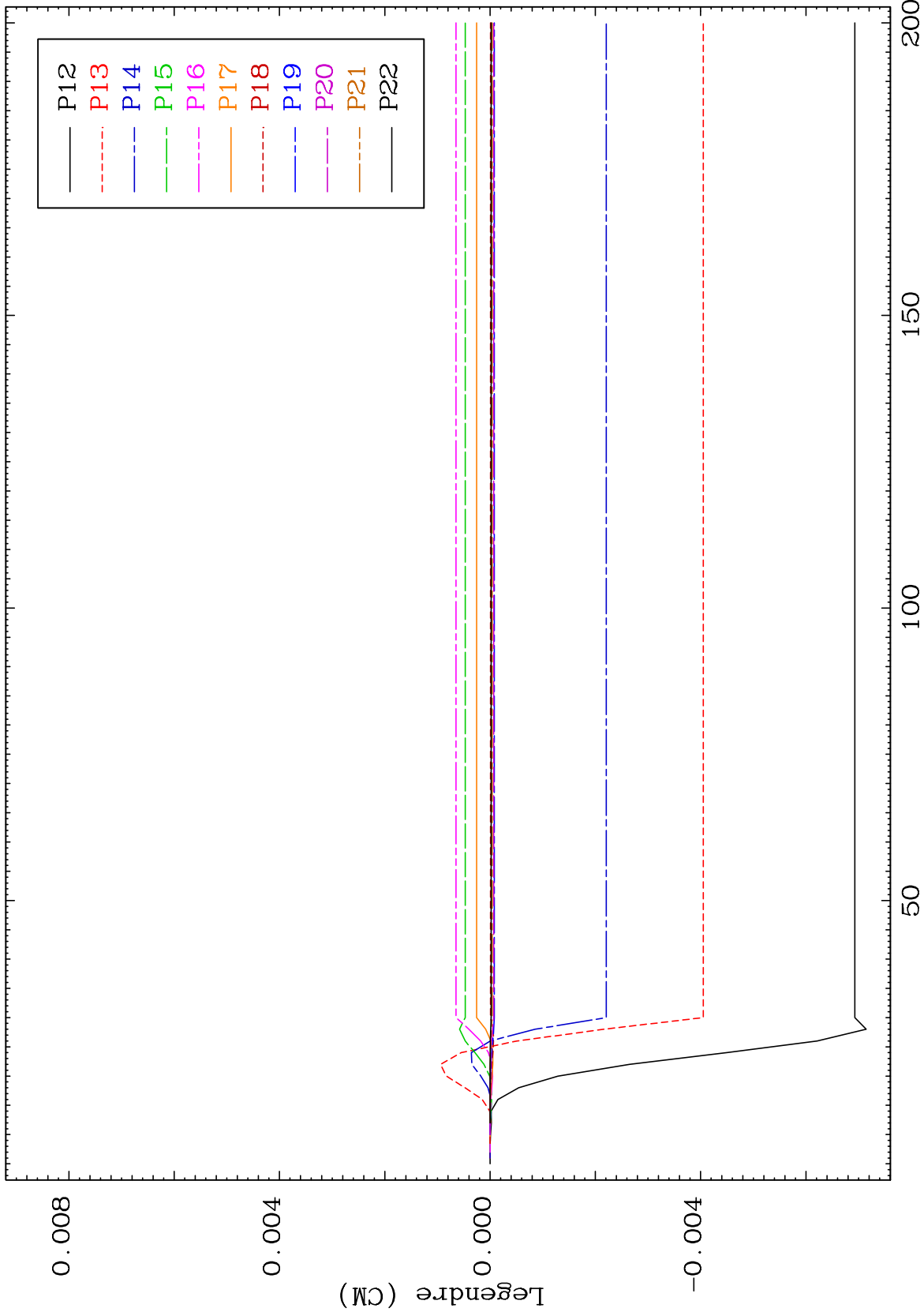




MAT 3925

3.630 MeV (n,n') Level
Legendre Coefficients

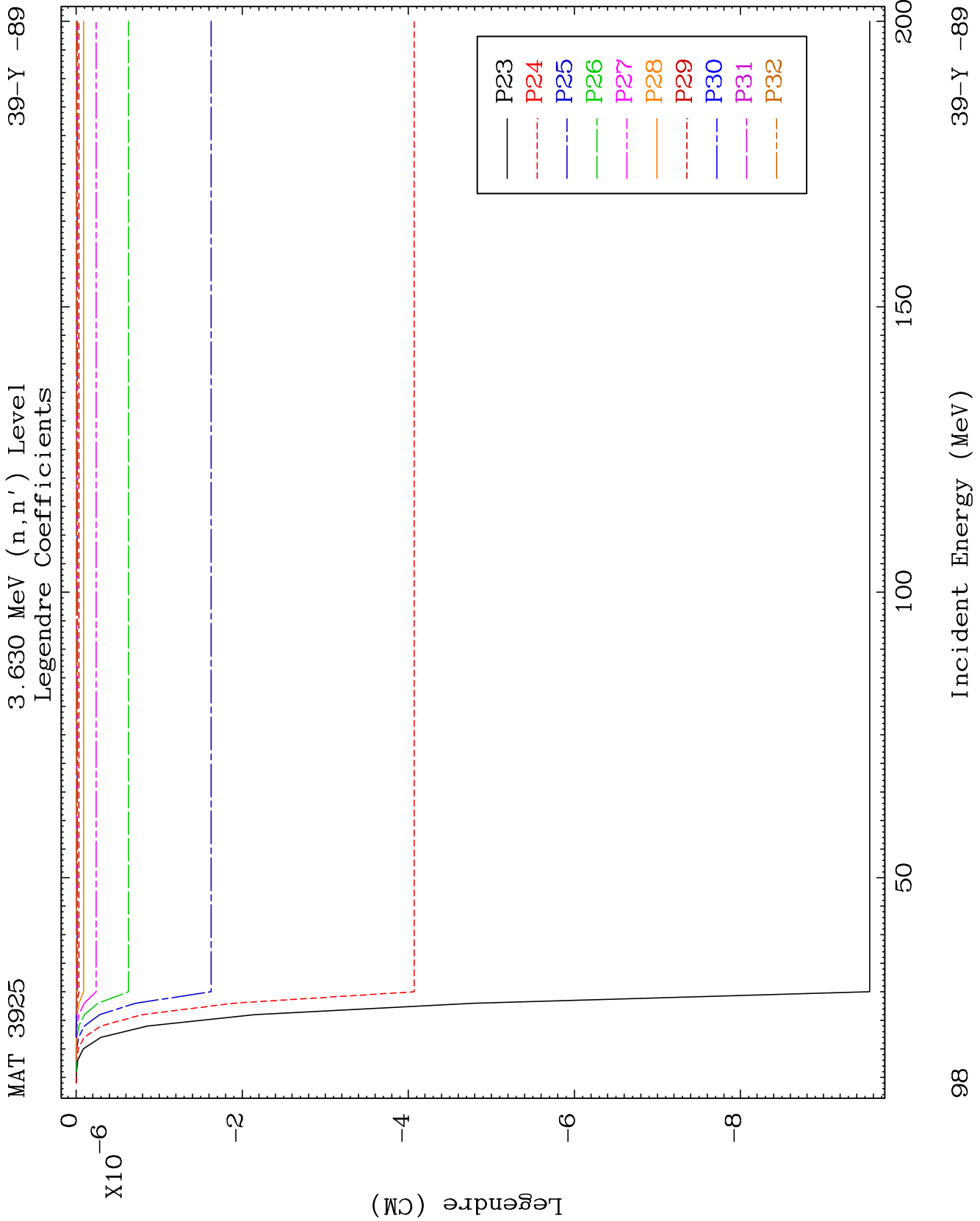
39-Y -89

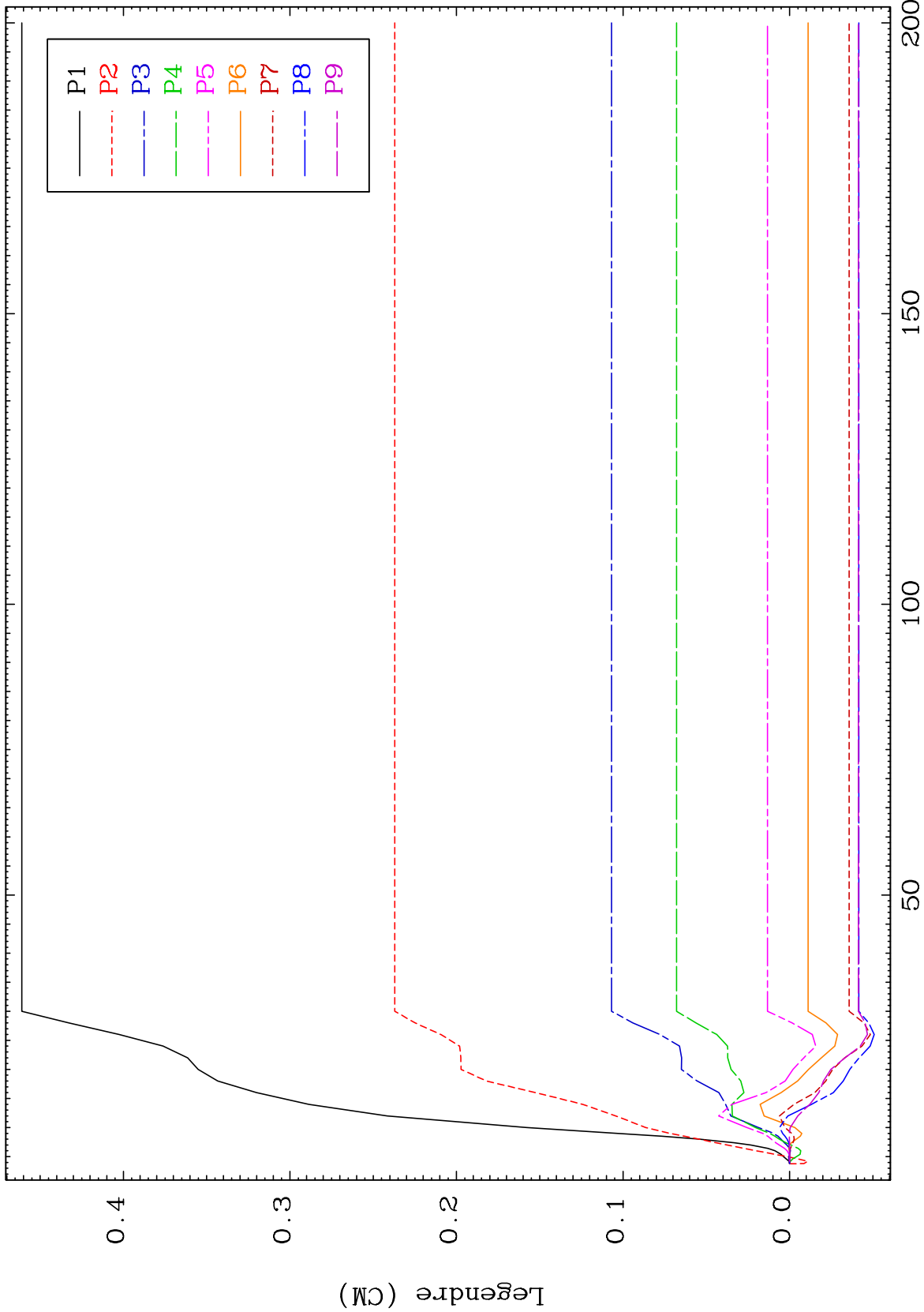


97

Incident Energy (MeV)

39-Y -89

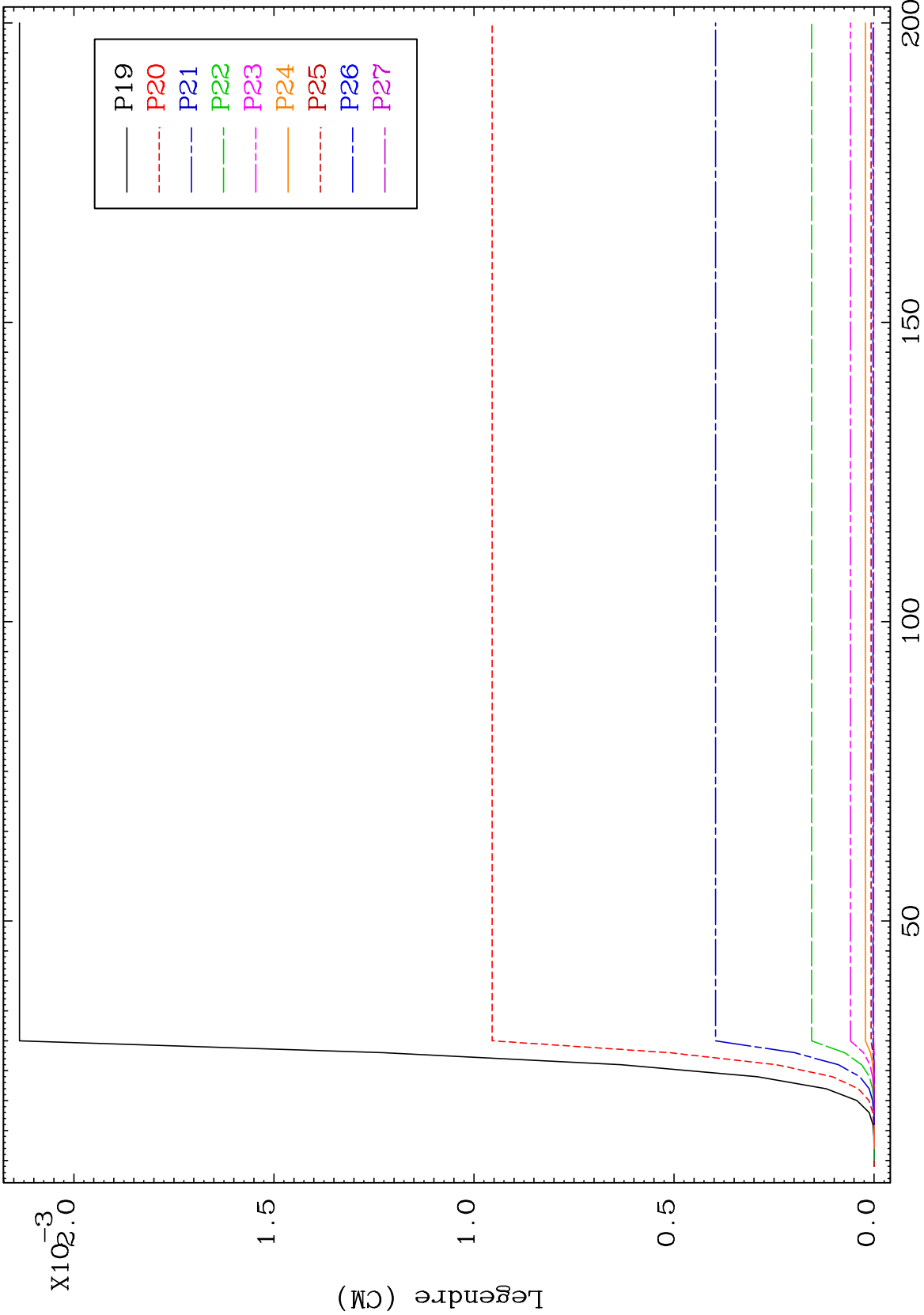




MAT 3925

3.715 MeV (n,n') Level
Legendre Coefficients

39-Y -89



101

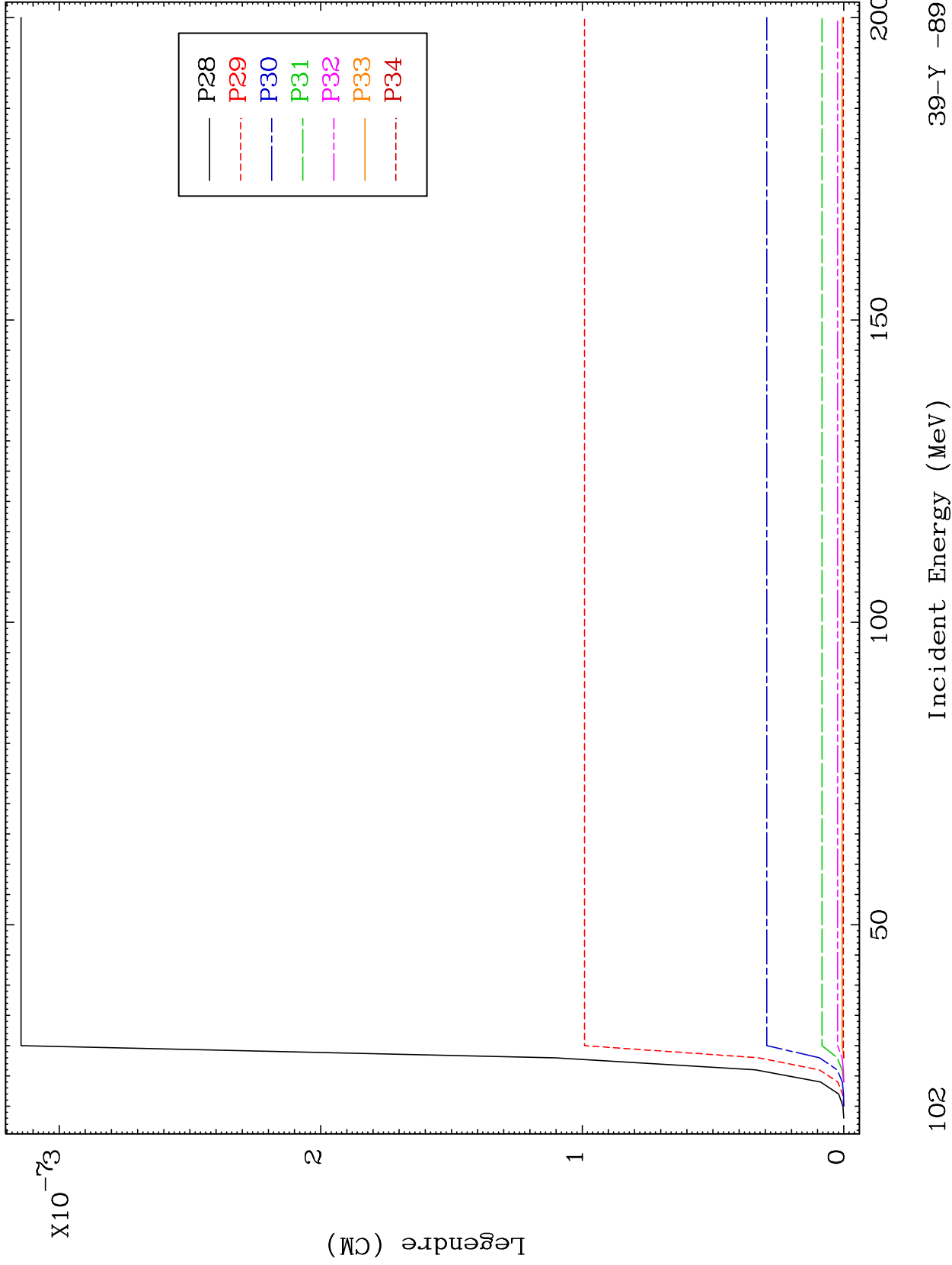
Incident Energy (MeV)

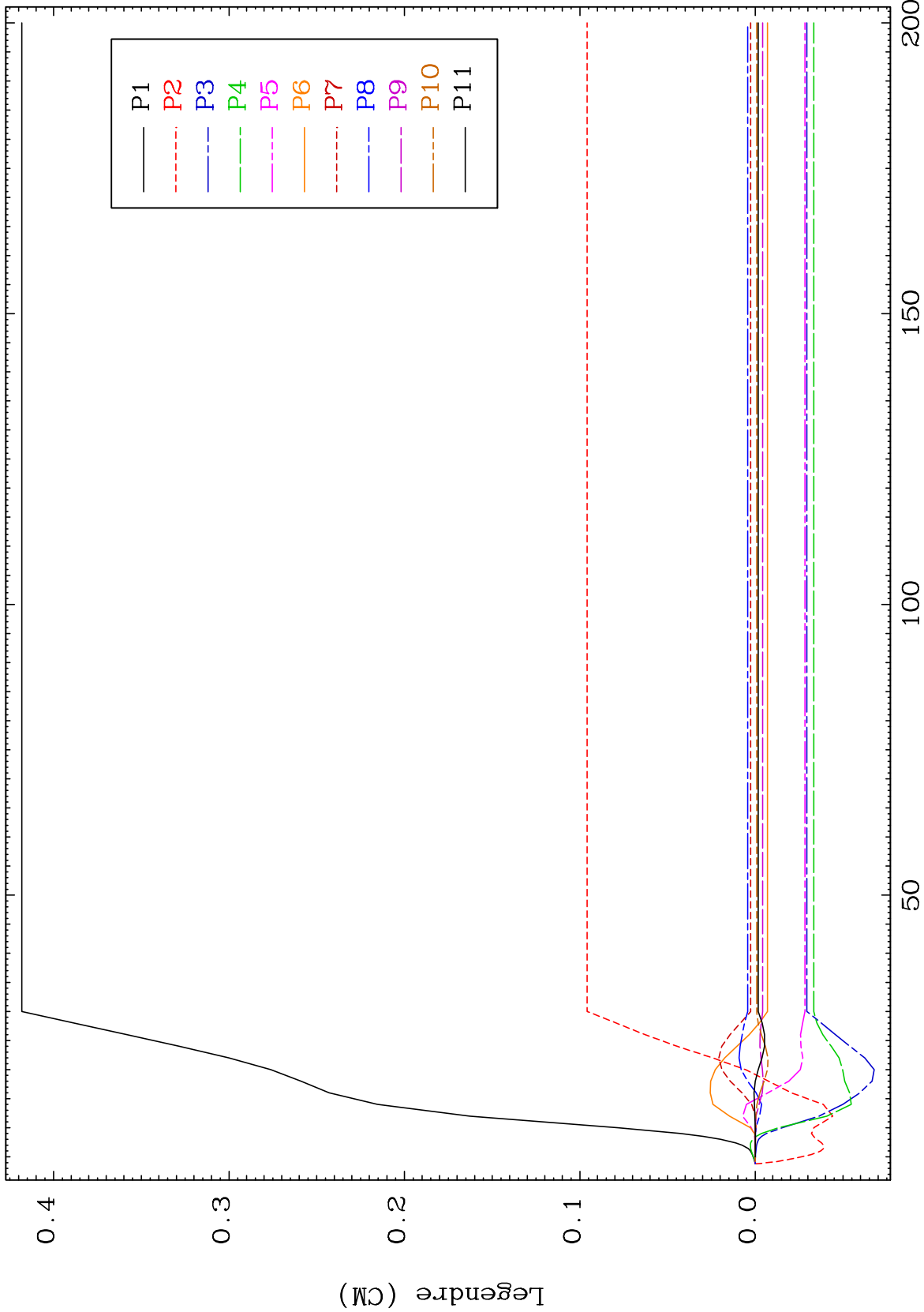
39-Y -89

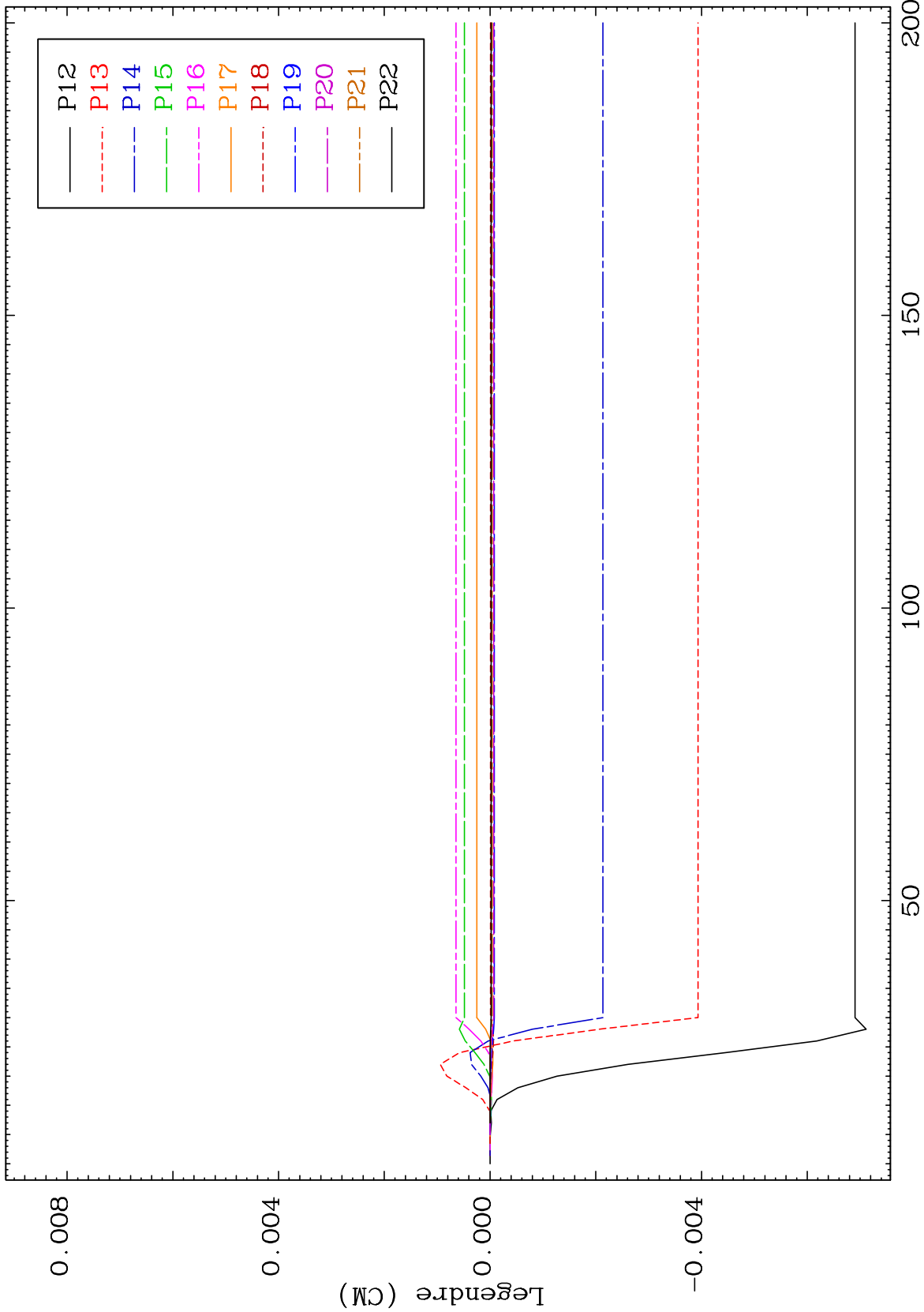
MAT 3925

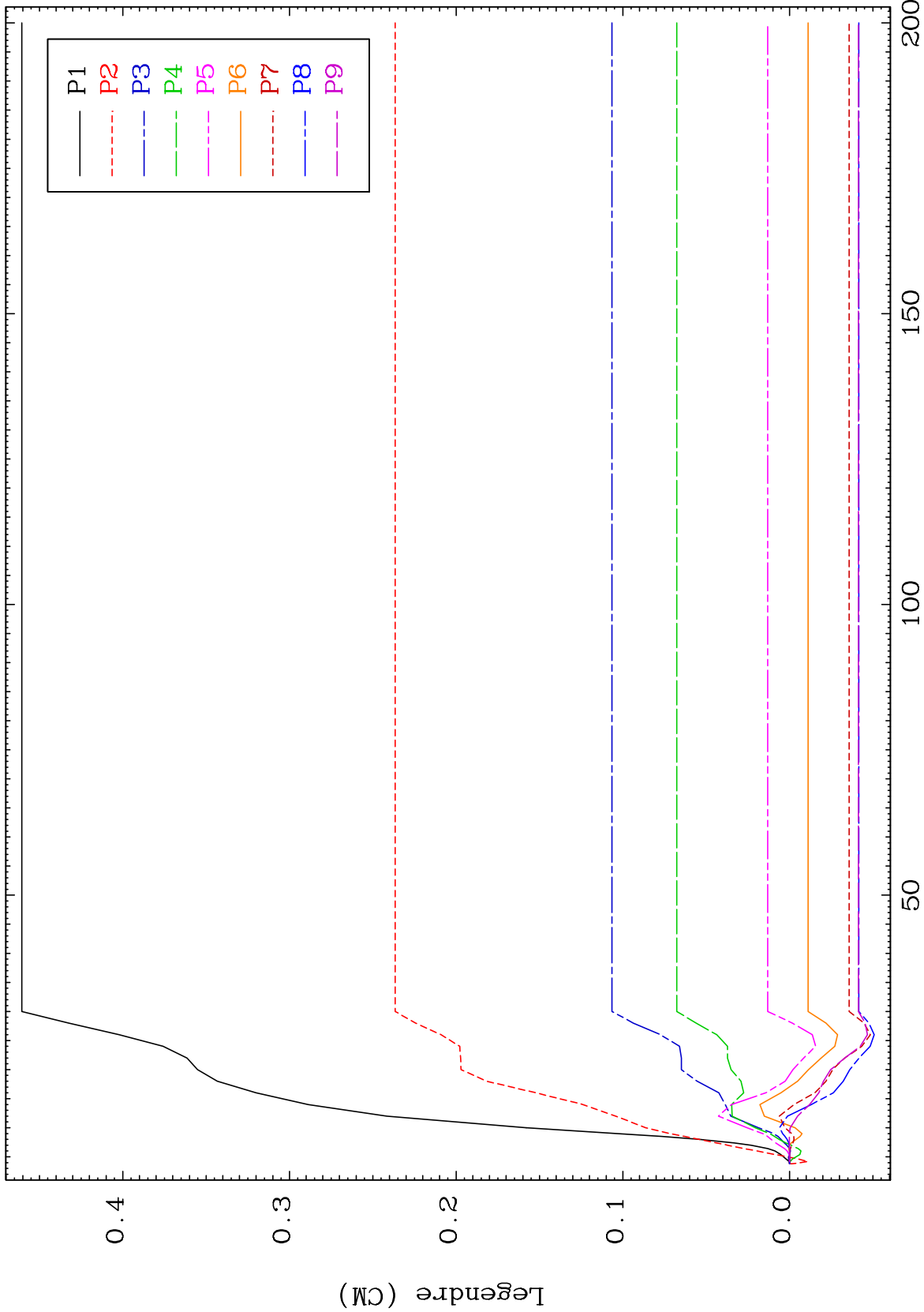
3.715 MeV (n,n') Level
Legendre Coefficients

39-Y -89





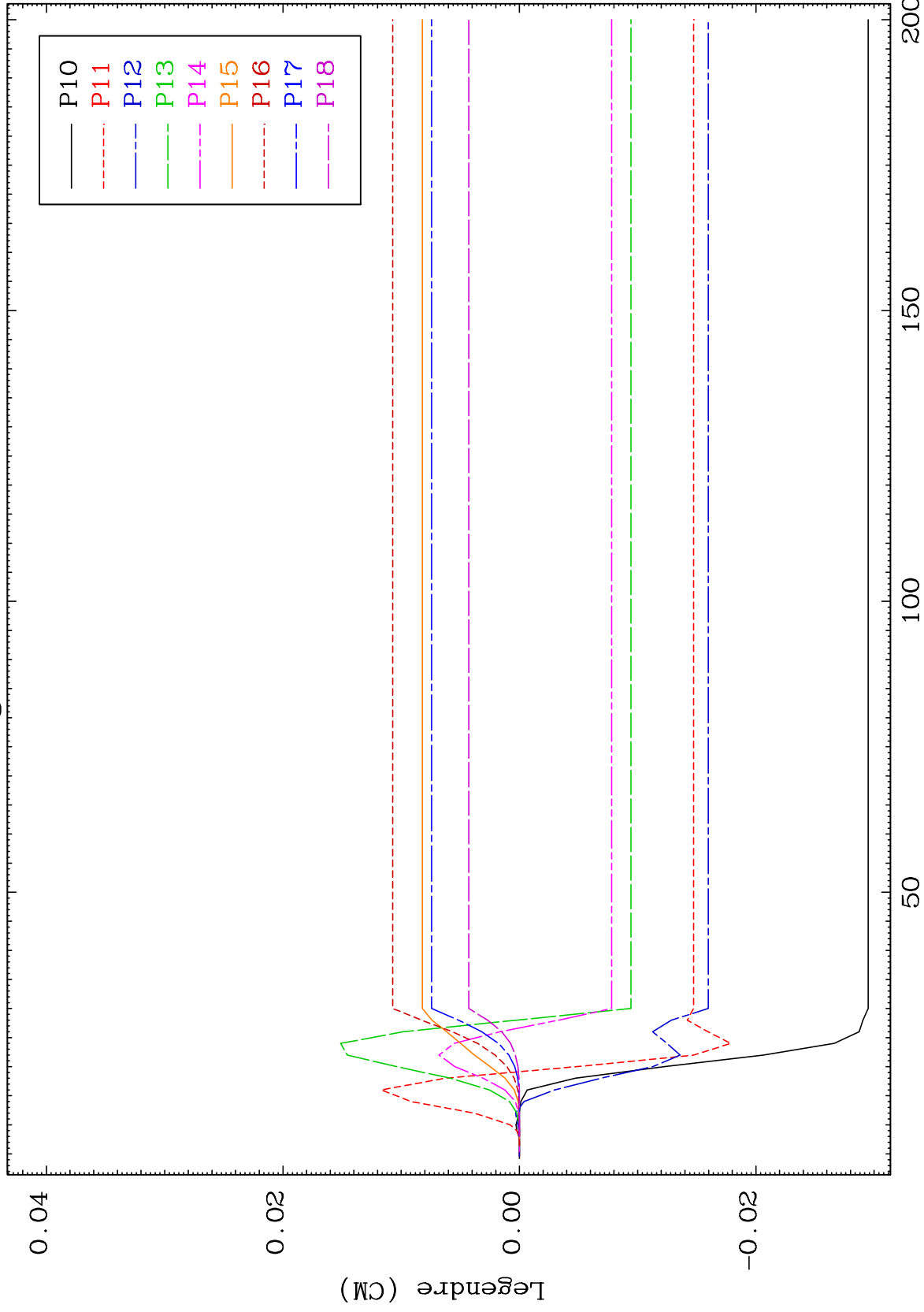




MAT 3925

3.753 MeV (n,n') Level
Legendre Coefficients

39-Y -89



107

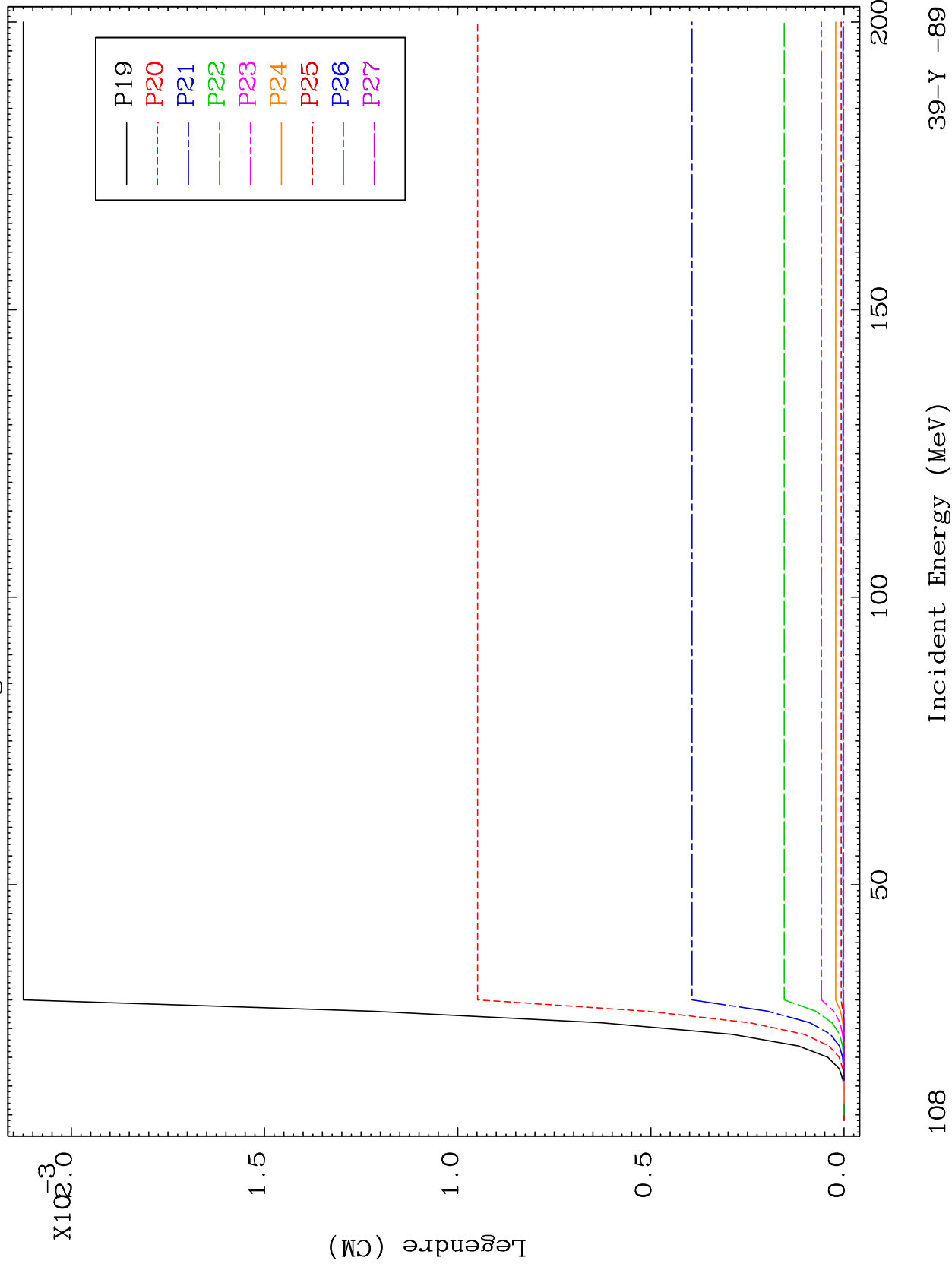
Incident Energy (MeV)

39-Y -89

MAT 3925

3.753 MeV (n,n') Level Legendre Coefficients

39-Y -89



108

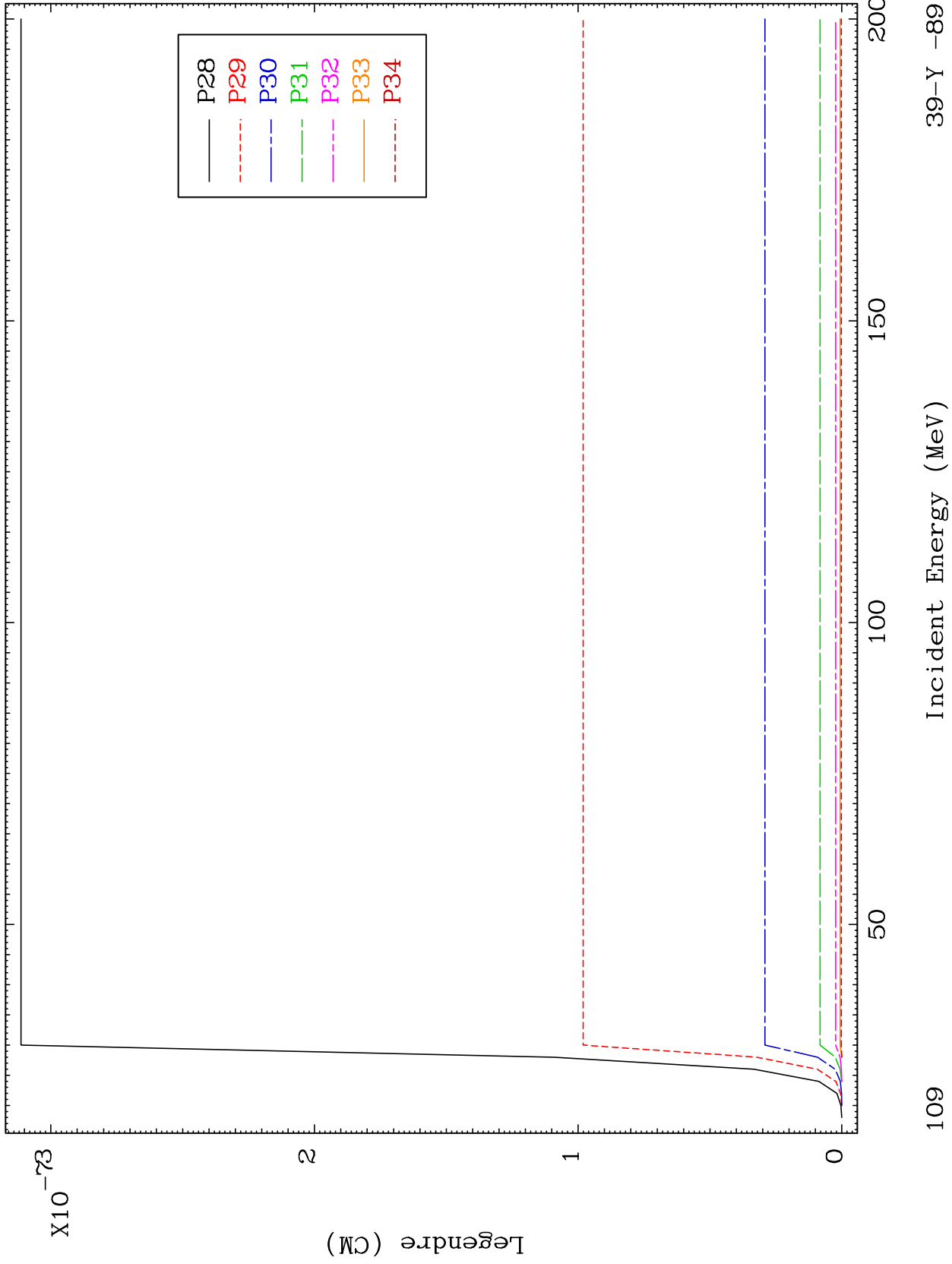
Incident Energy (MeV)

39-Y -89

MAT 3925

3.753 MeV (n,n') Level
Legendre Coefficients

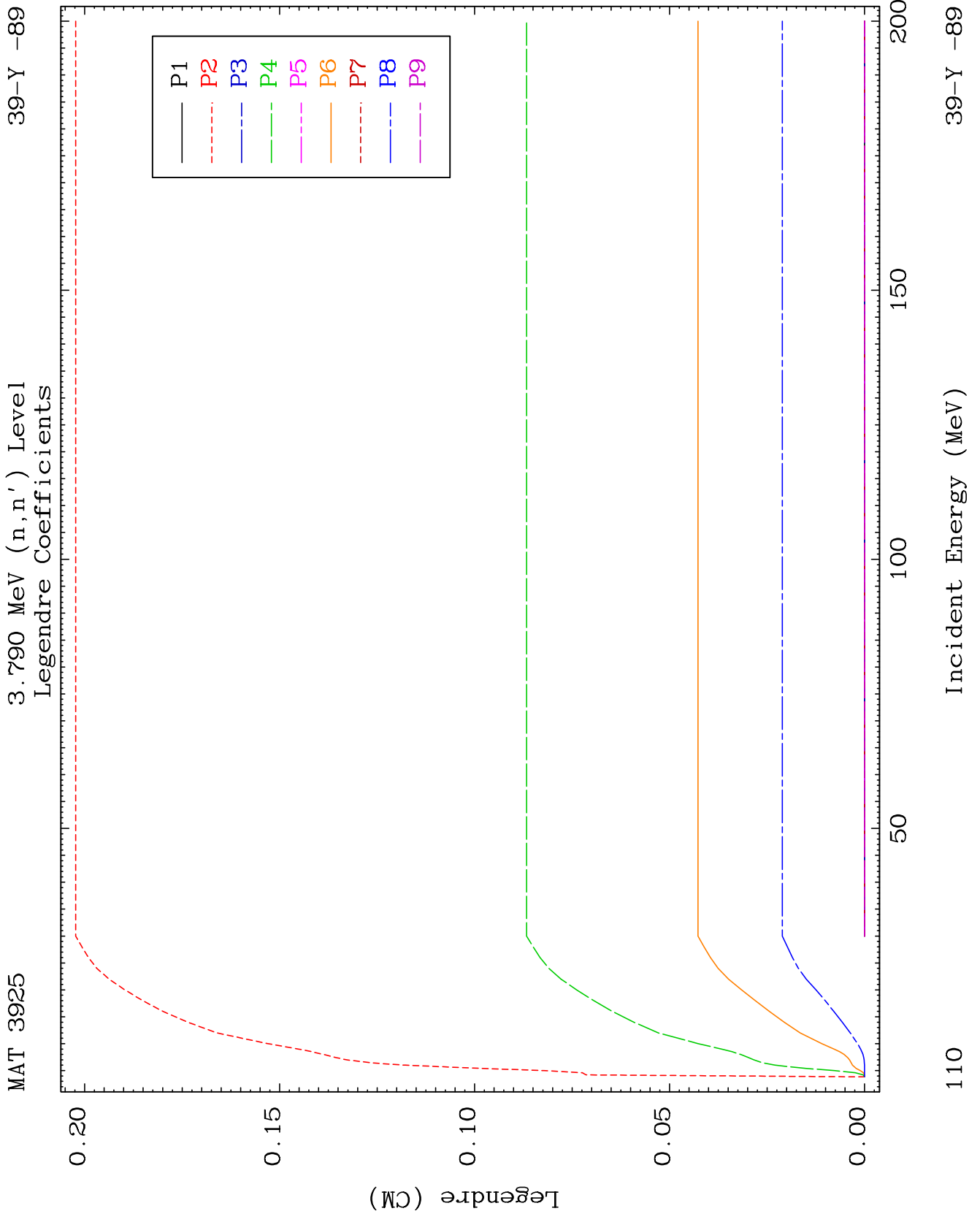
39-Y -89

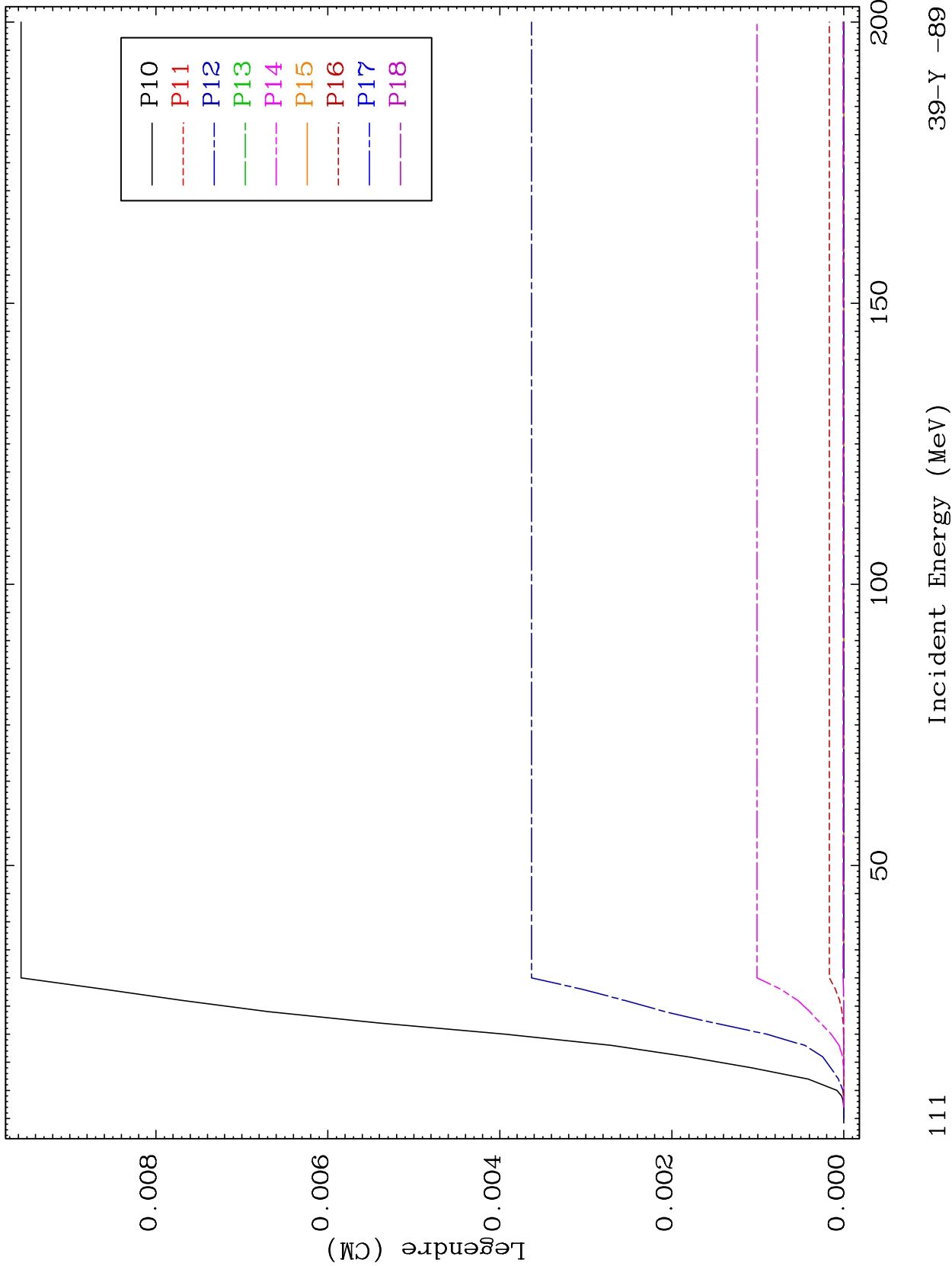


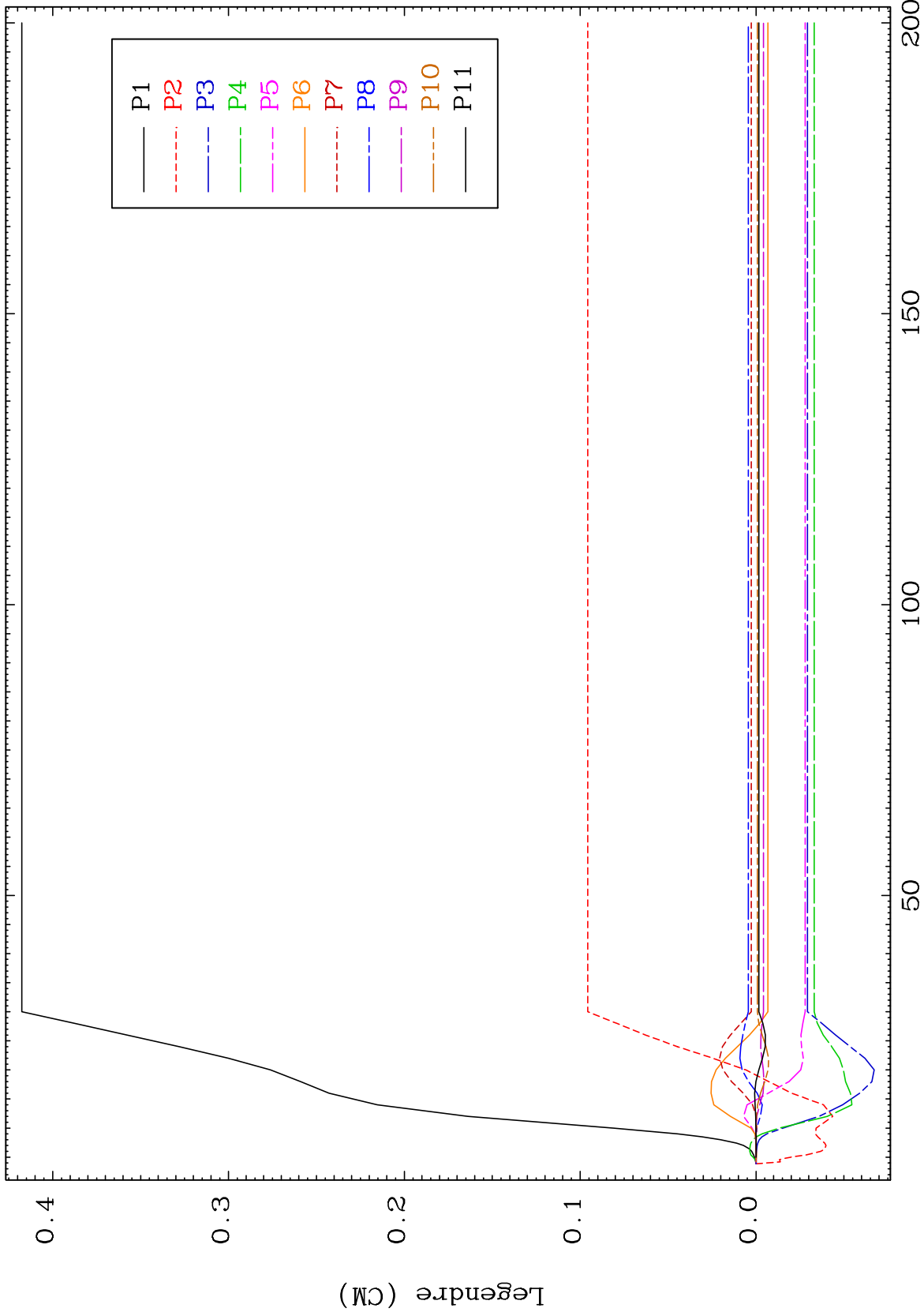
109

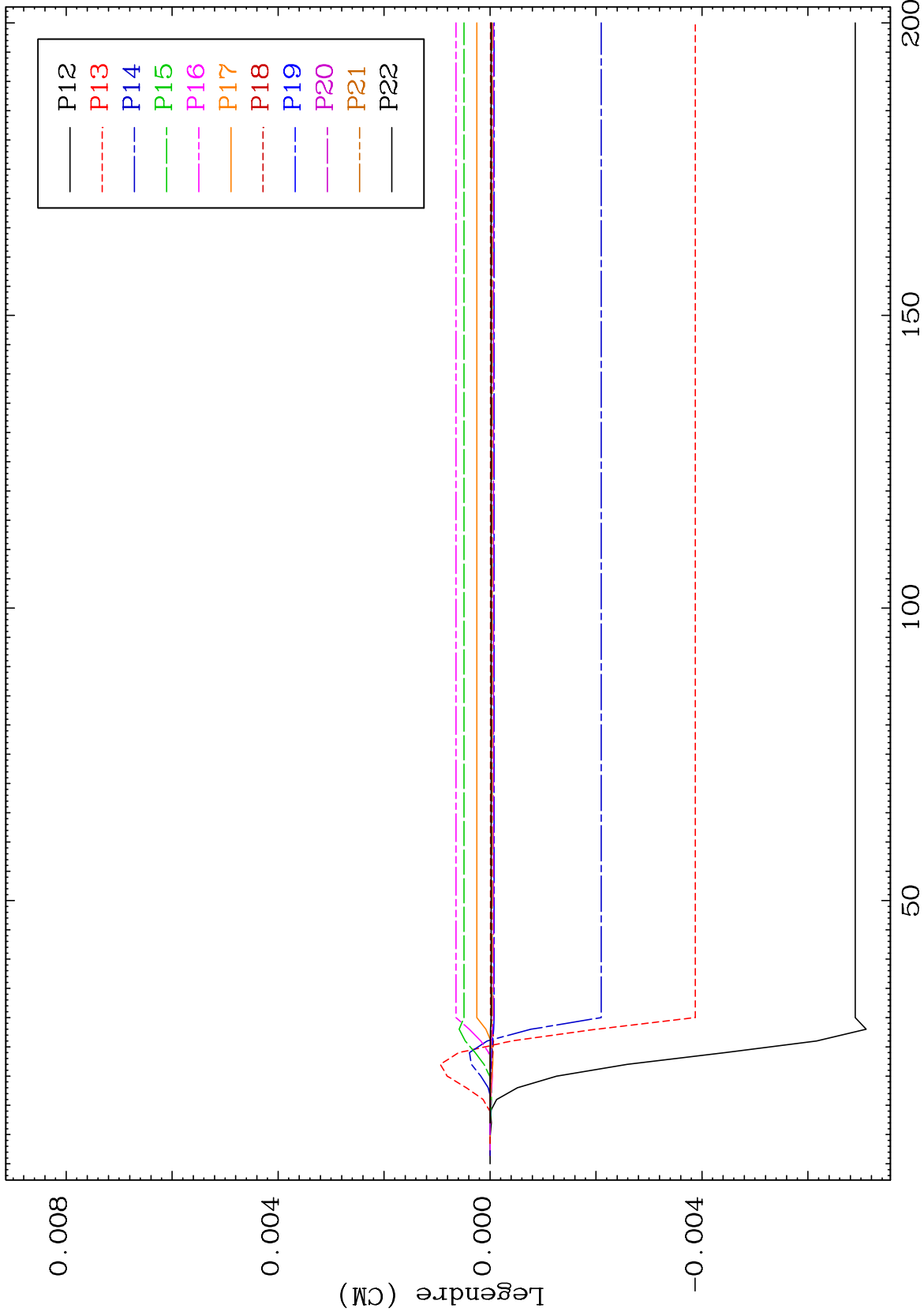
Incident Energy (MeV)

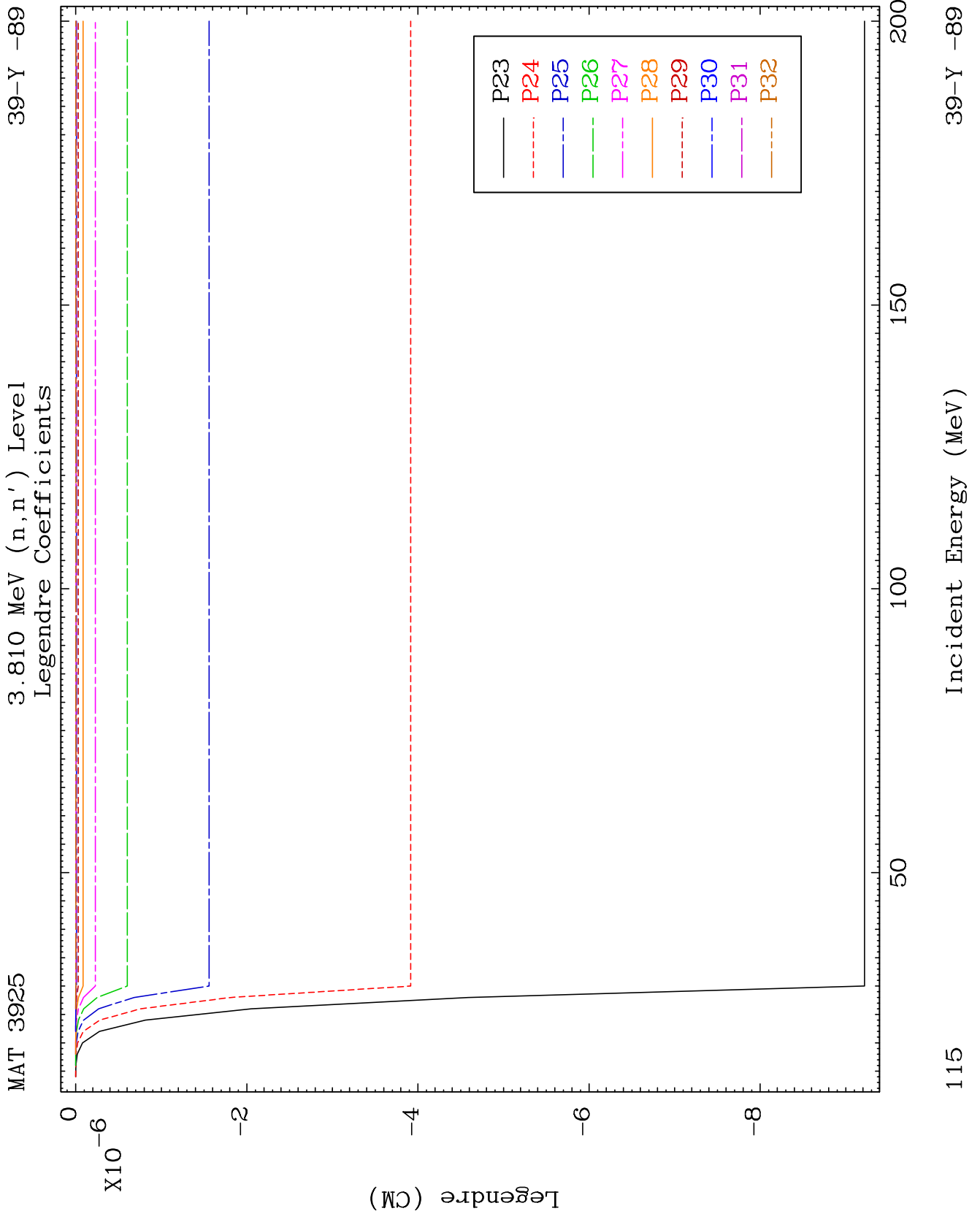
39-Y -89











MAT 3925

39-Y -89

Inelastic
Radionuclide Production Cross Section



39-Y -89

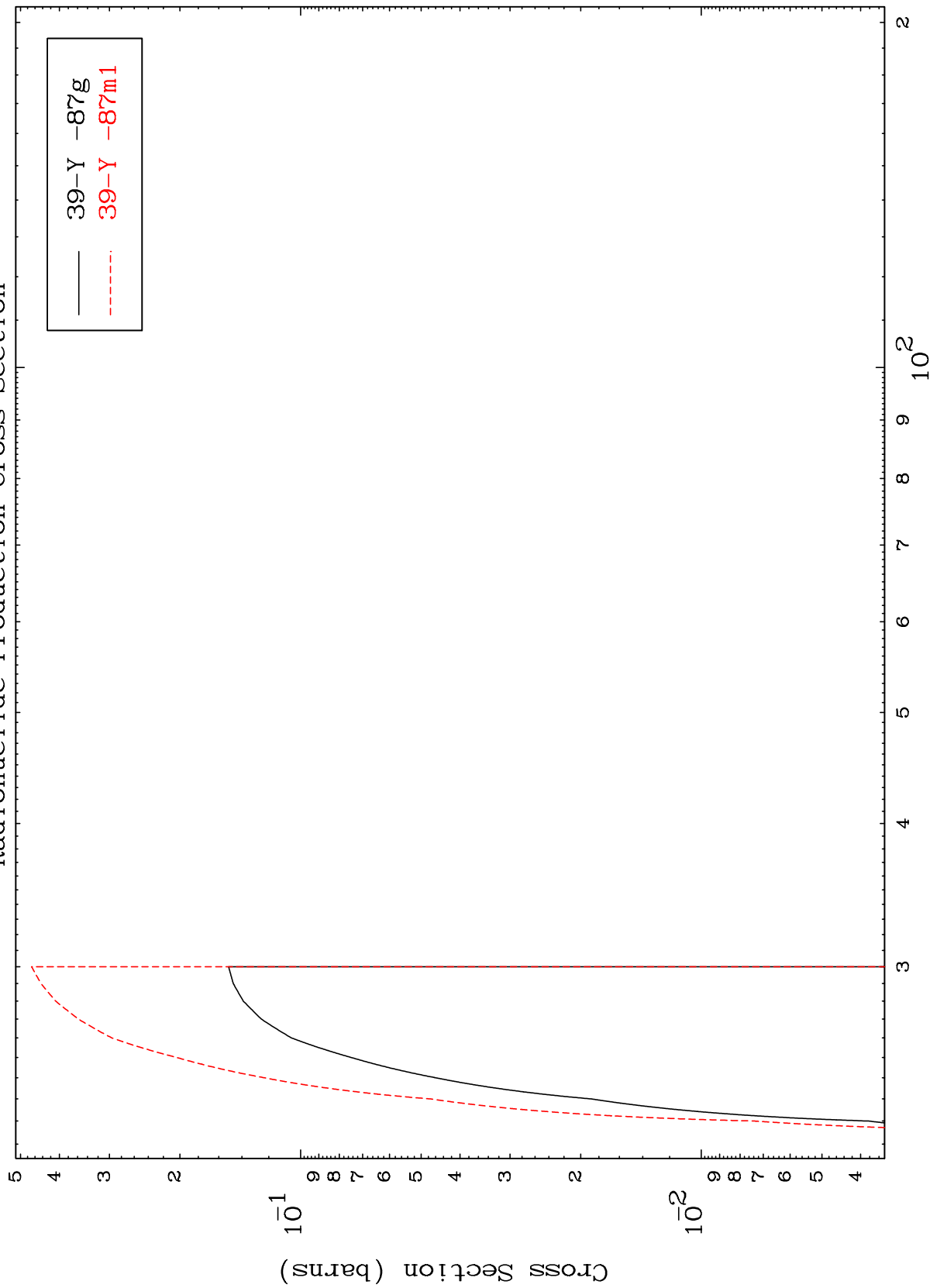
Incident Energy (MeV)

116

MAT 3925

39-Y -89

(n,3n)
Radionuclide Production Cross Section

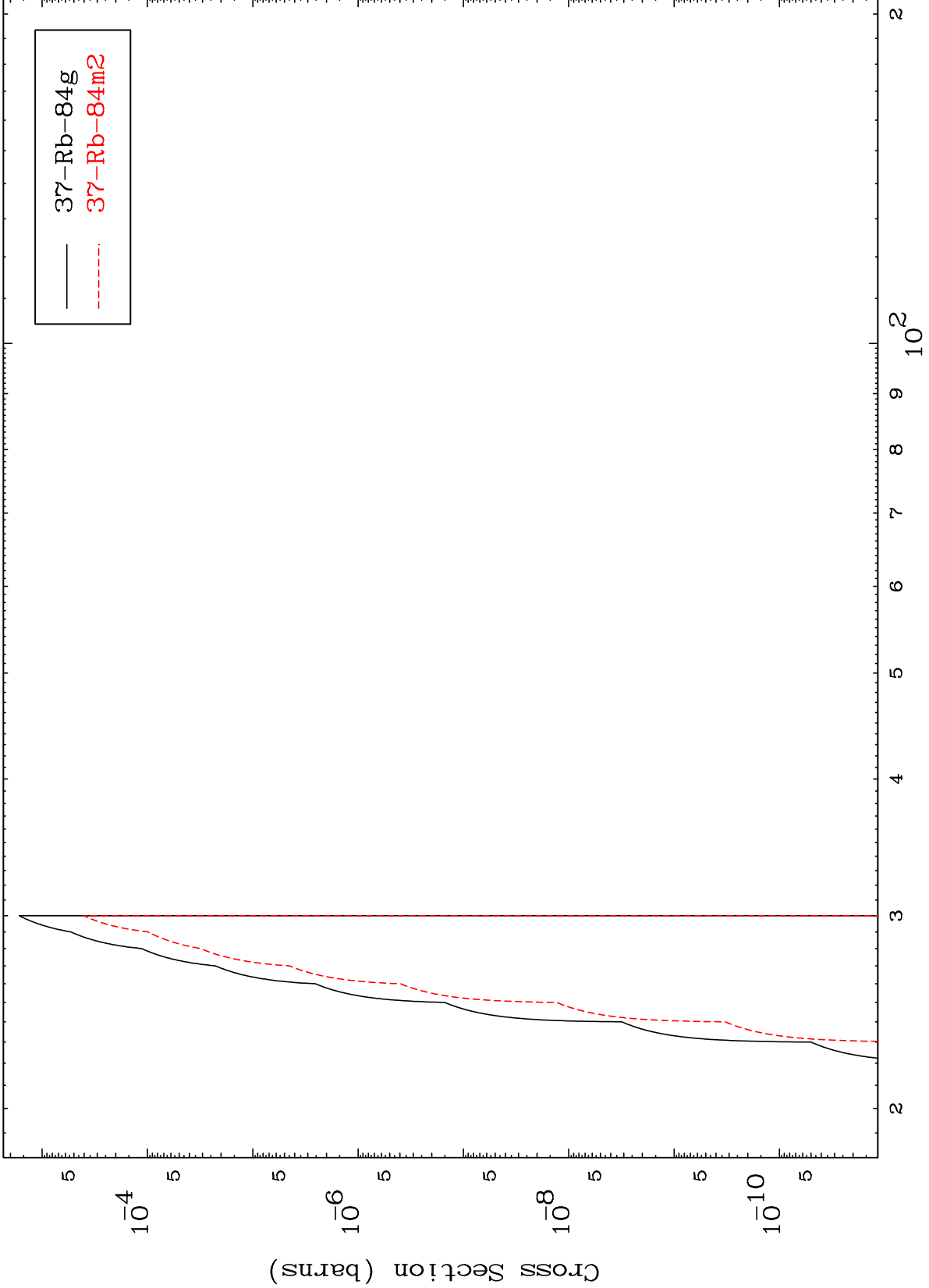


117

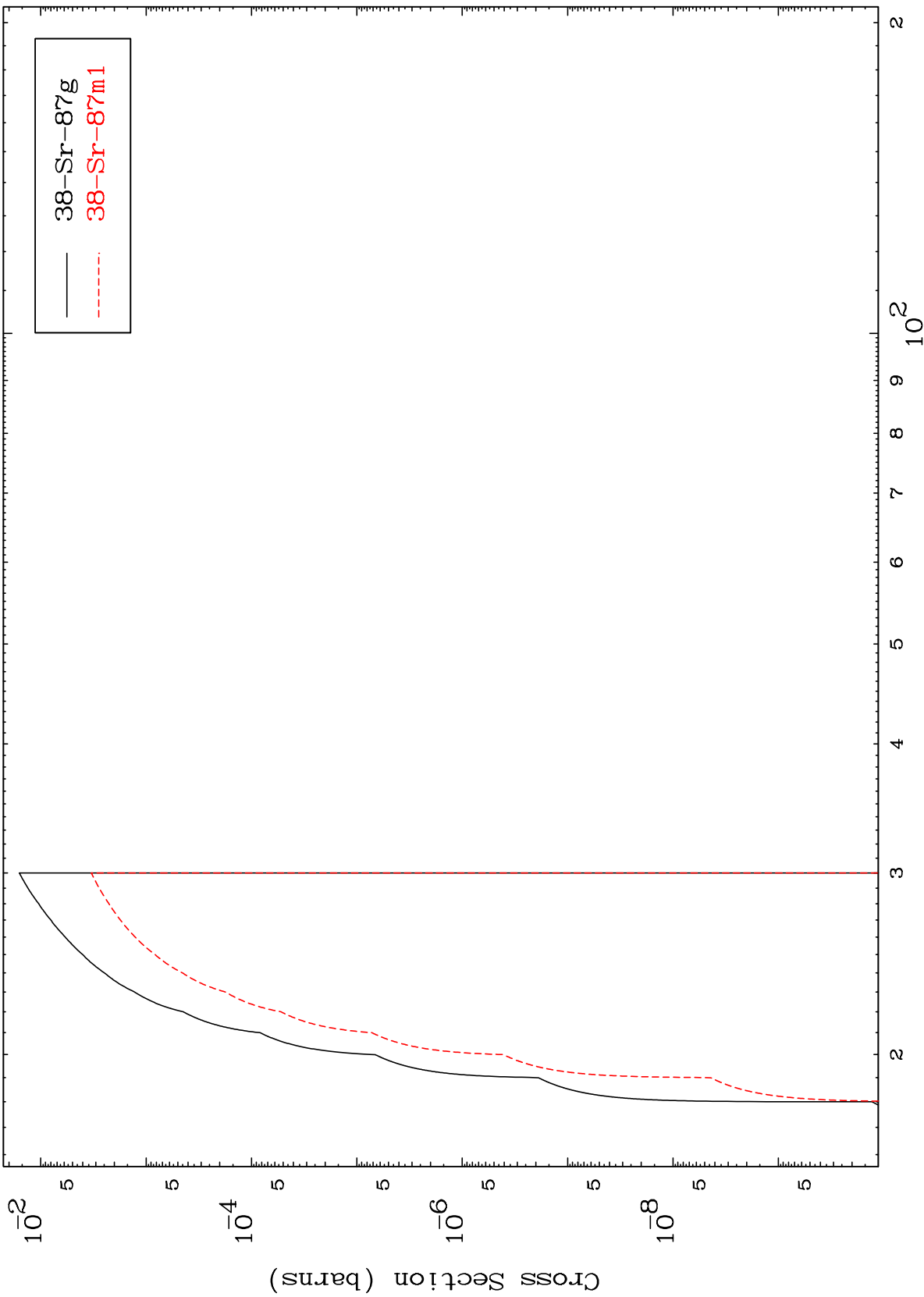
39-Y -89

Incident Energy (MeV)

Radionuclide Production Cross Section



Radionuclide Production Cross Section

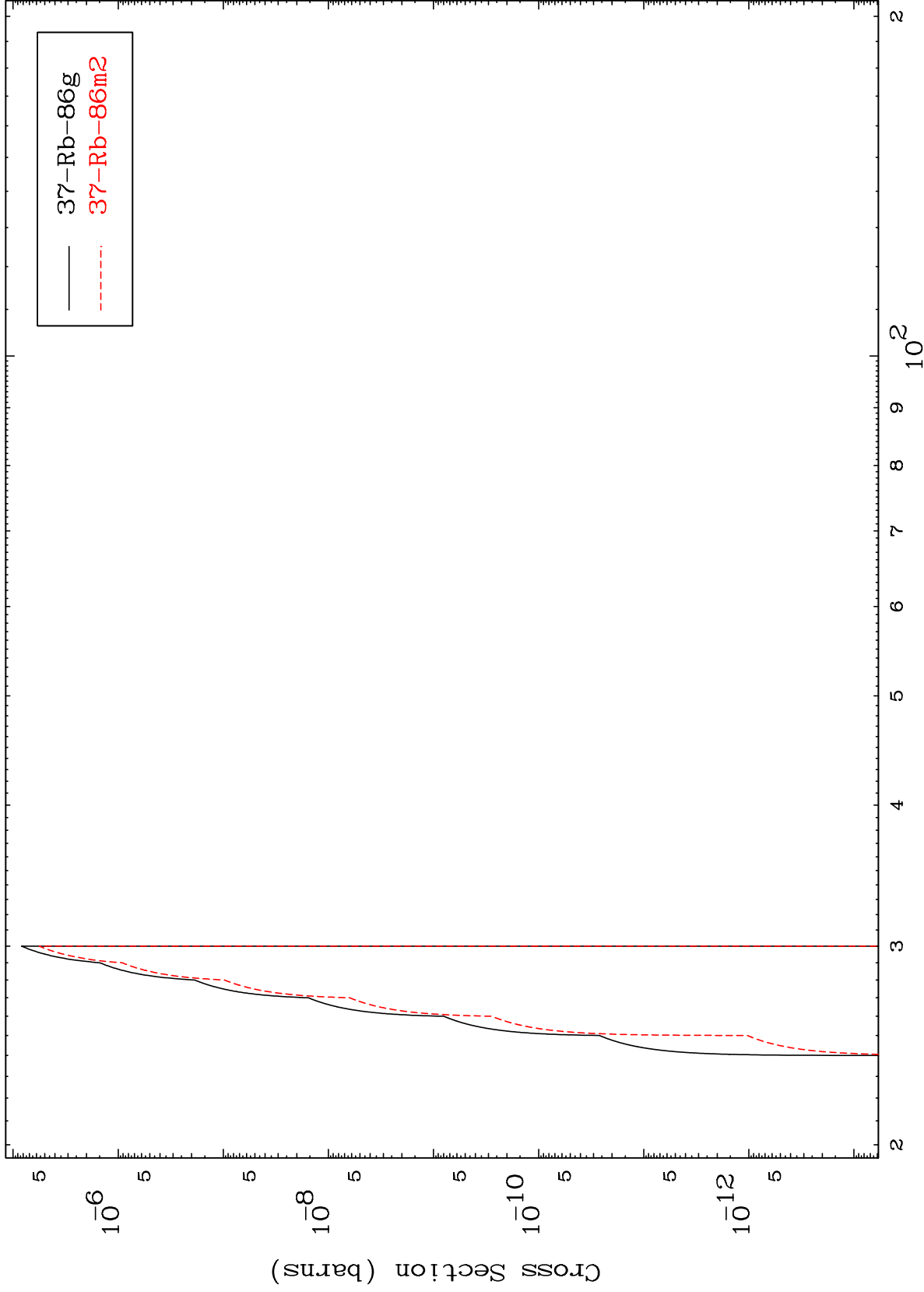


MAT 3925

(n,n') He-3

39-Y -89

Radionuclide Production Cross Section

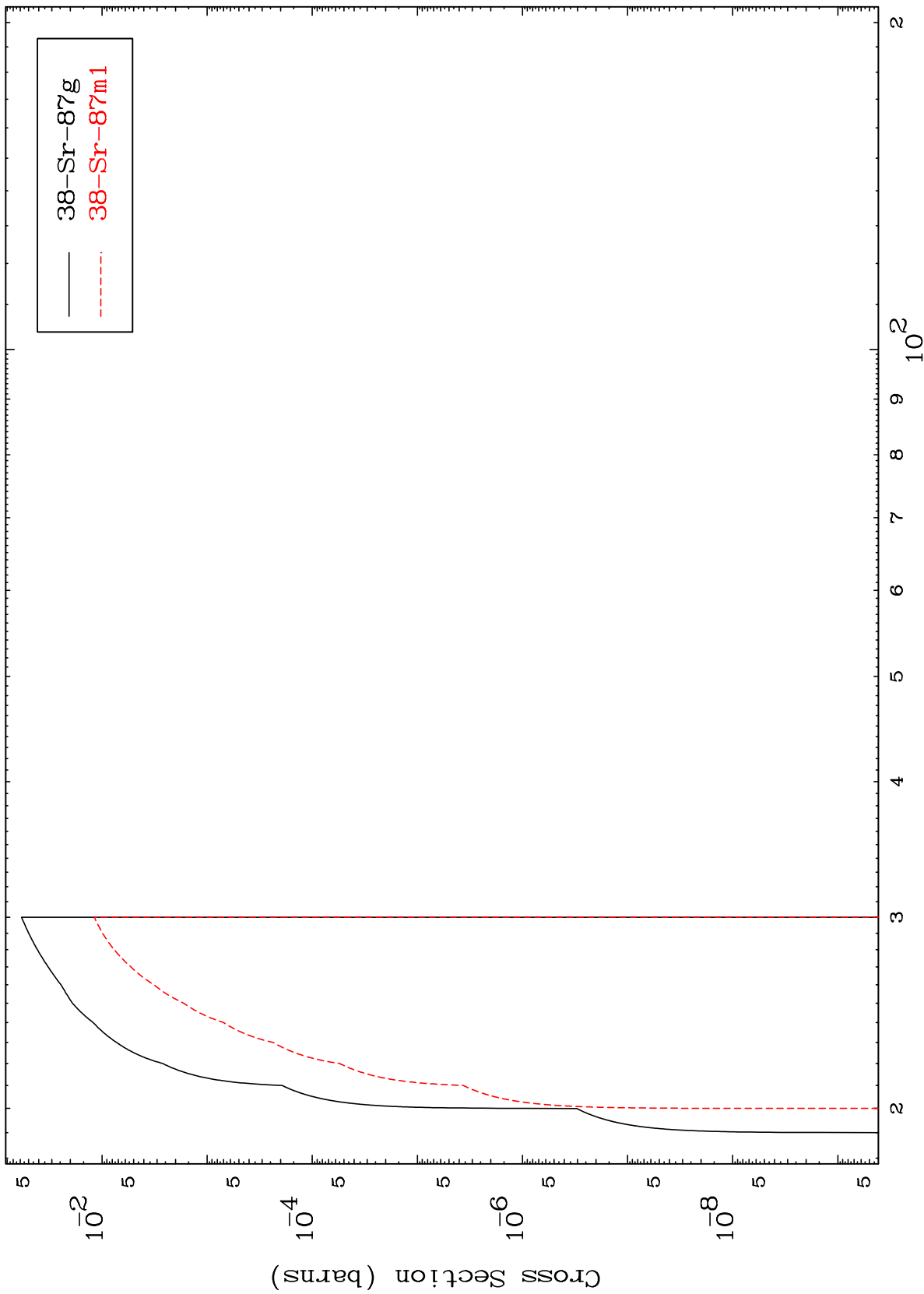


120

Incident Energy (MeV)

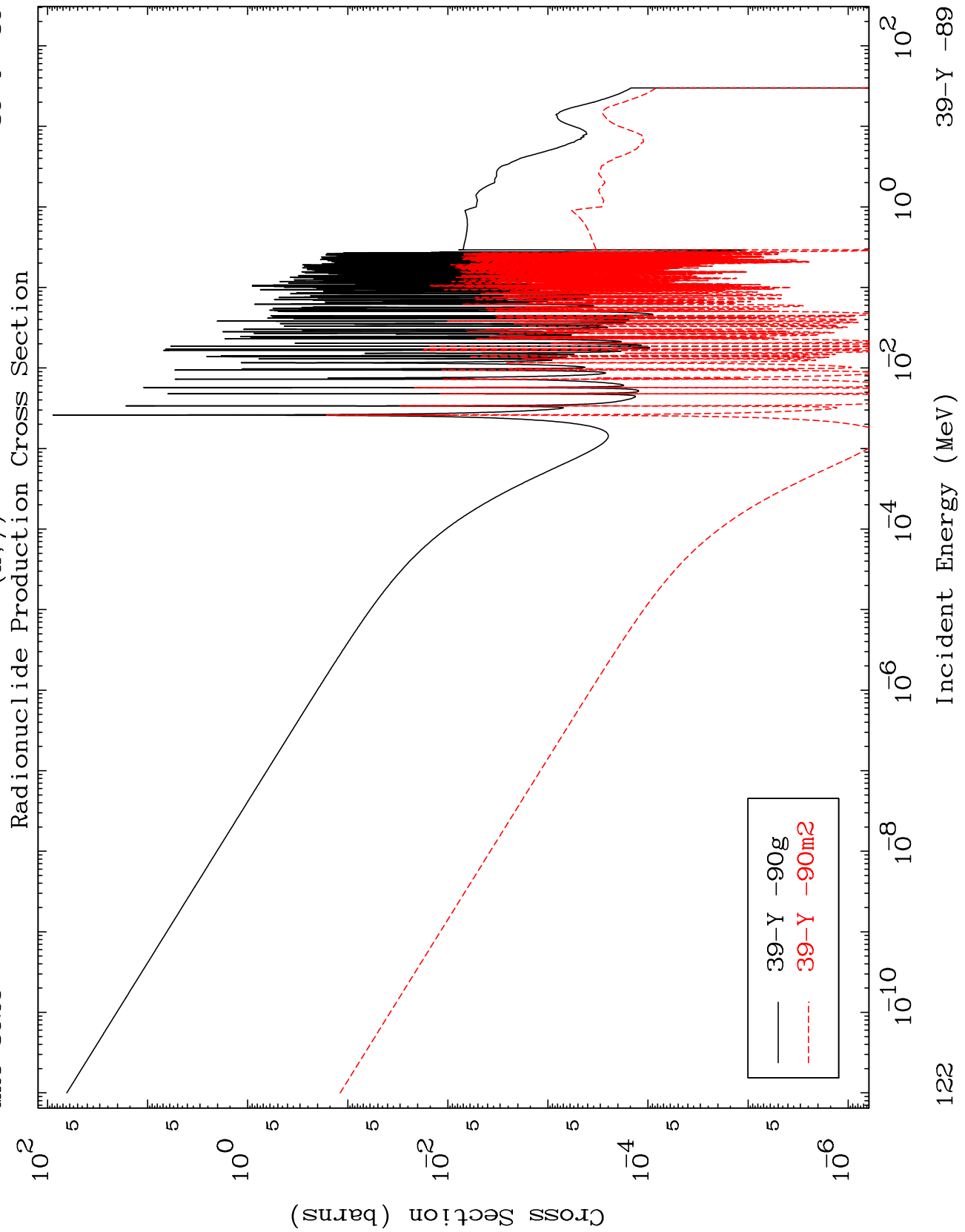
39-Y -89

Radionuclide Production Cross Section



MAT 3925

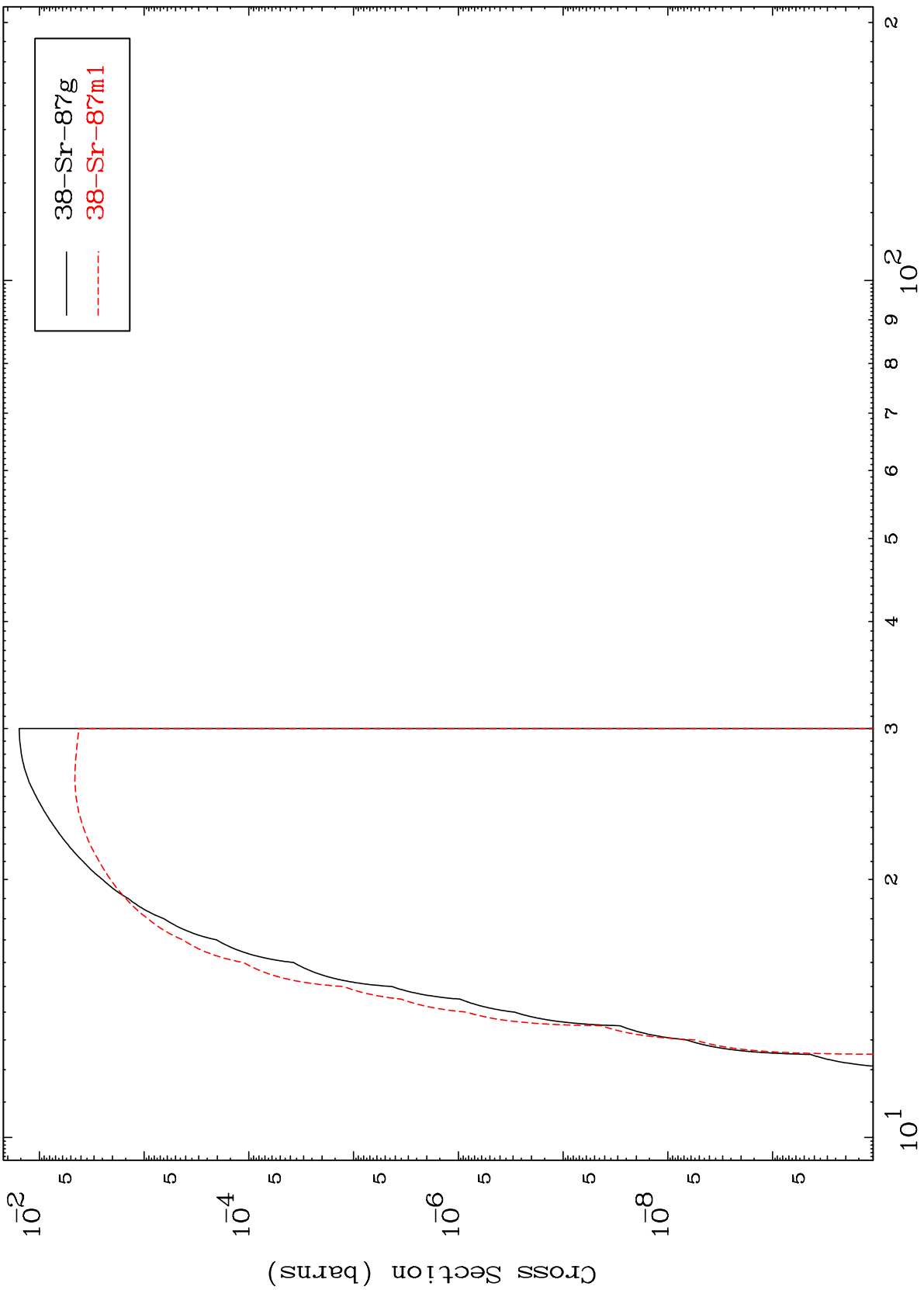
39-Y -89



MAT 3925

39-Y -89

(n,t)
Radionuclide Production Cross Section



39-Y -89

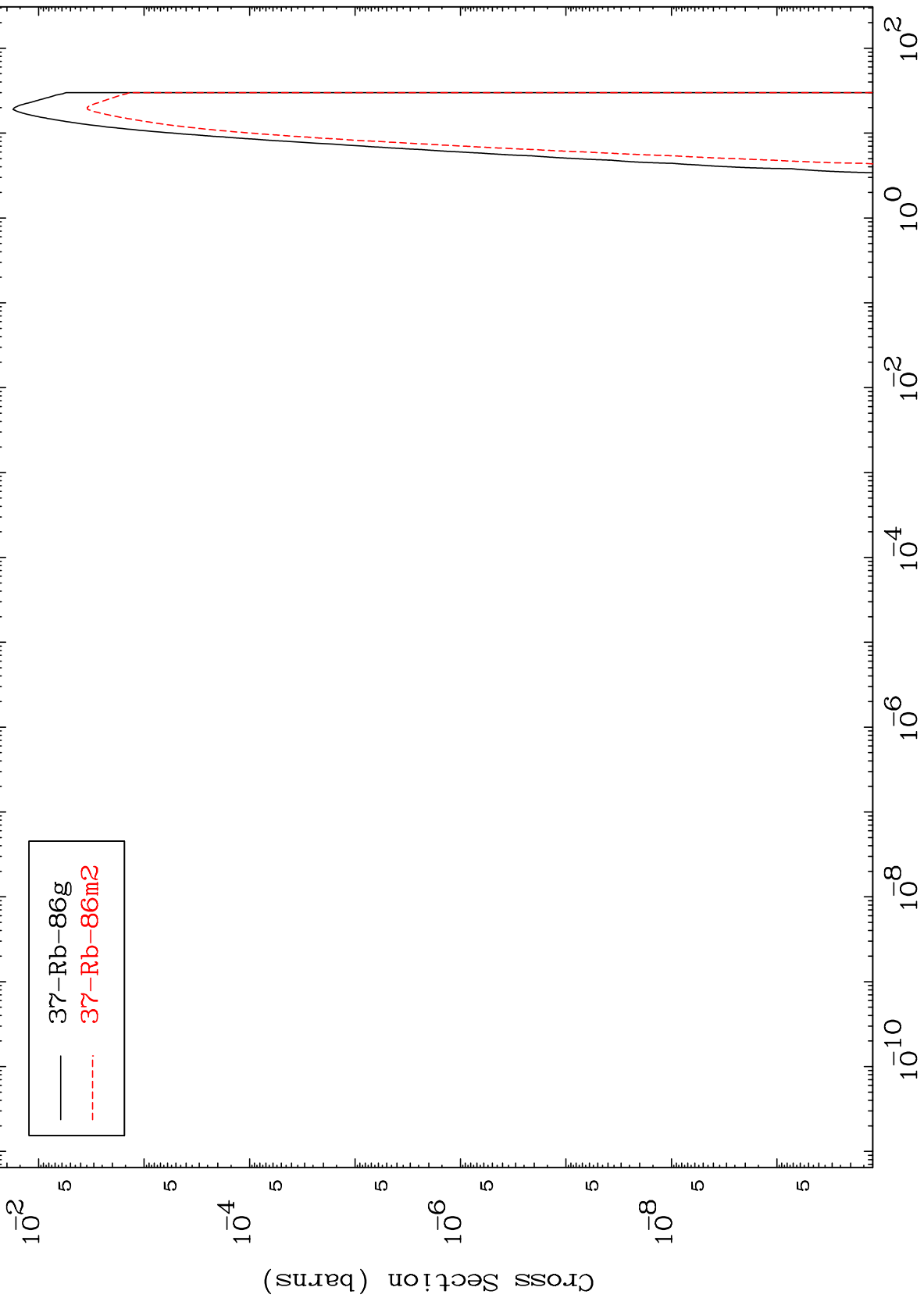
Incident Energy (MeV)

123

MAT 3925

39-Y -89

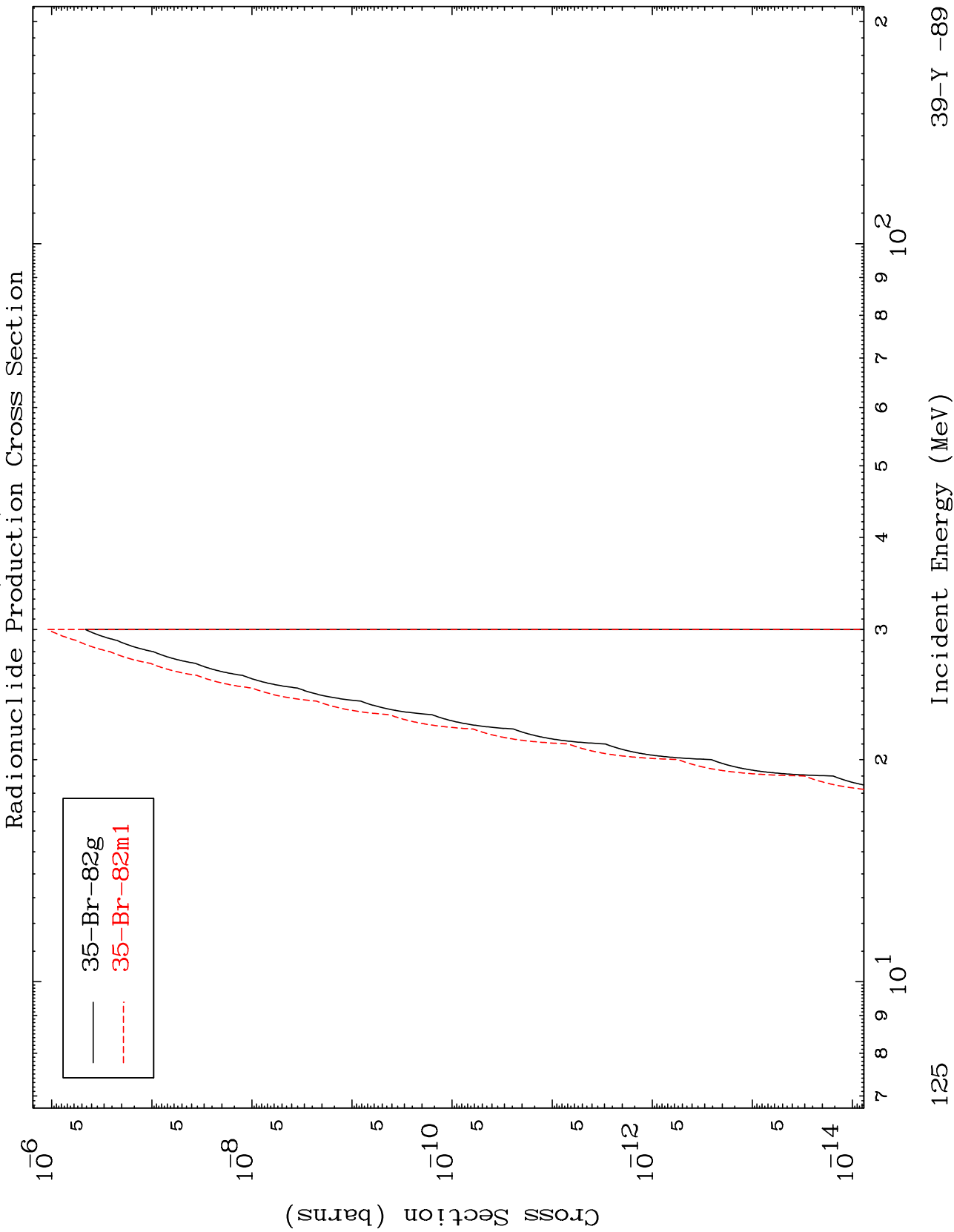
Radionuclide Production Cross Section (n,α)



— 37-Rb-86g
- - - 37-Rb-86m2

MAT 3925

39-Y -89



125

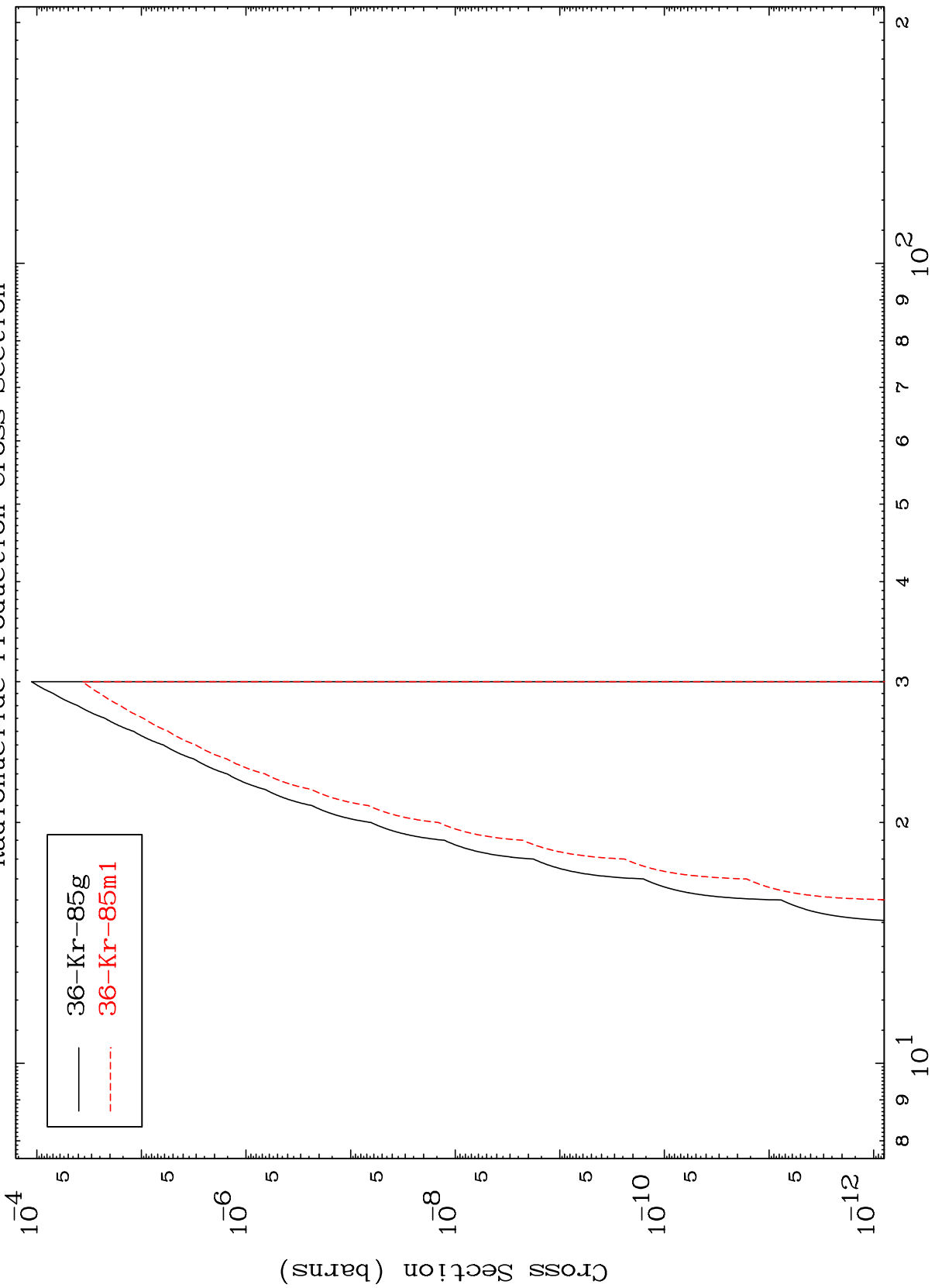
39-Y -89

MAT 3925

(n,p) α

39-Y -89

Radionuclide Production Cross Section



36-Kr-85g
36-Kr-85m1

126

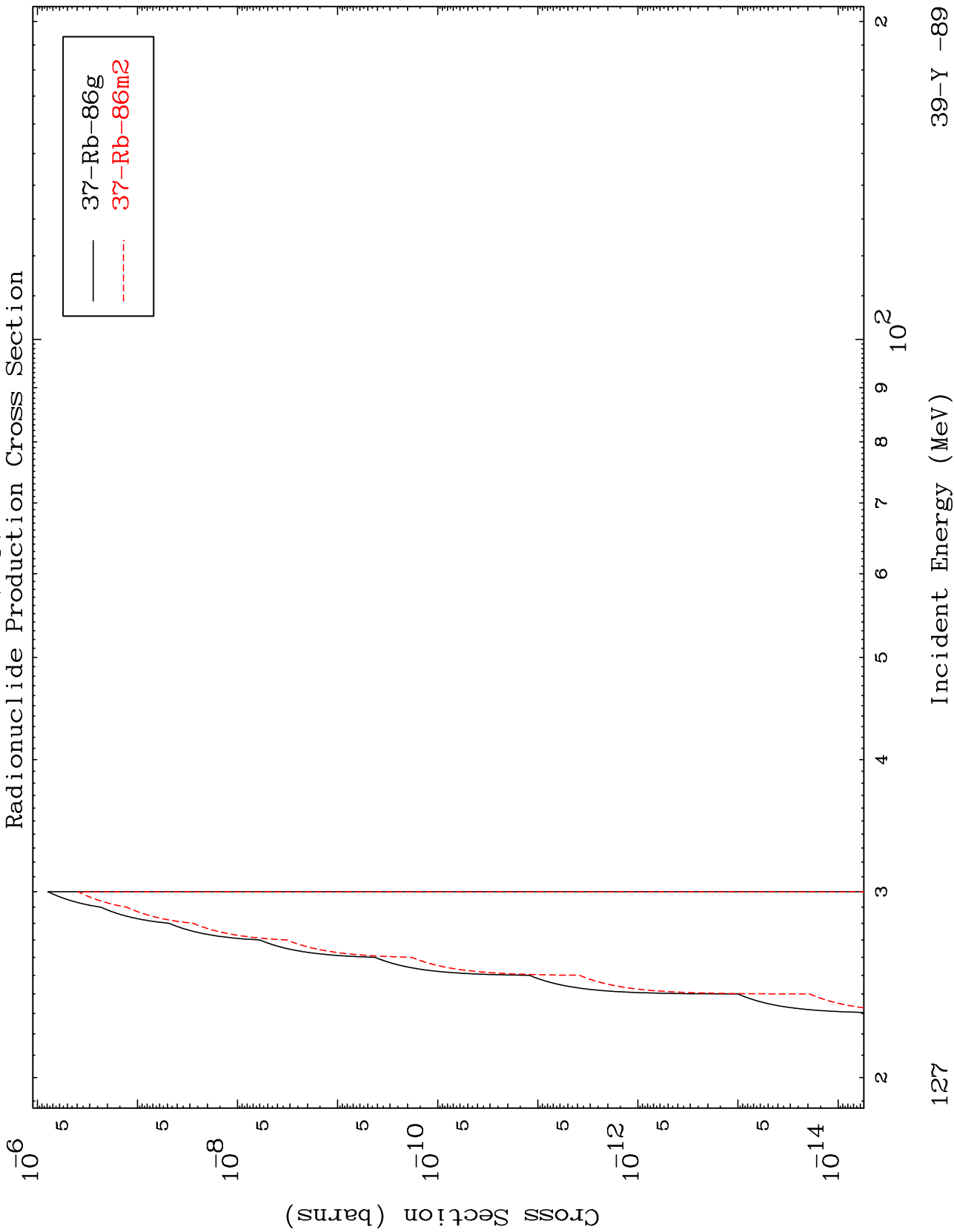
Incident Energy (MeV)

39-Y -89

MAT 3925

(n,p) t

39-Y -89



127

39-Y -89