

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

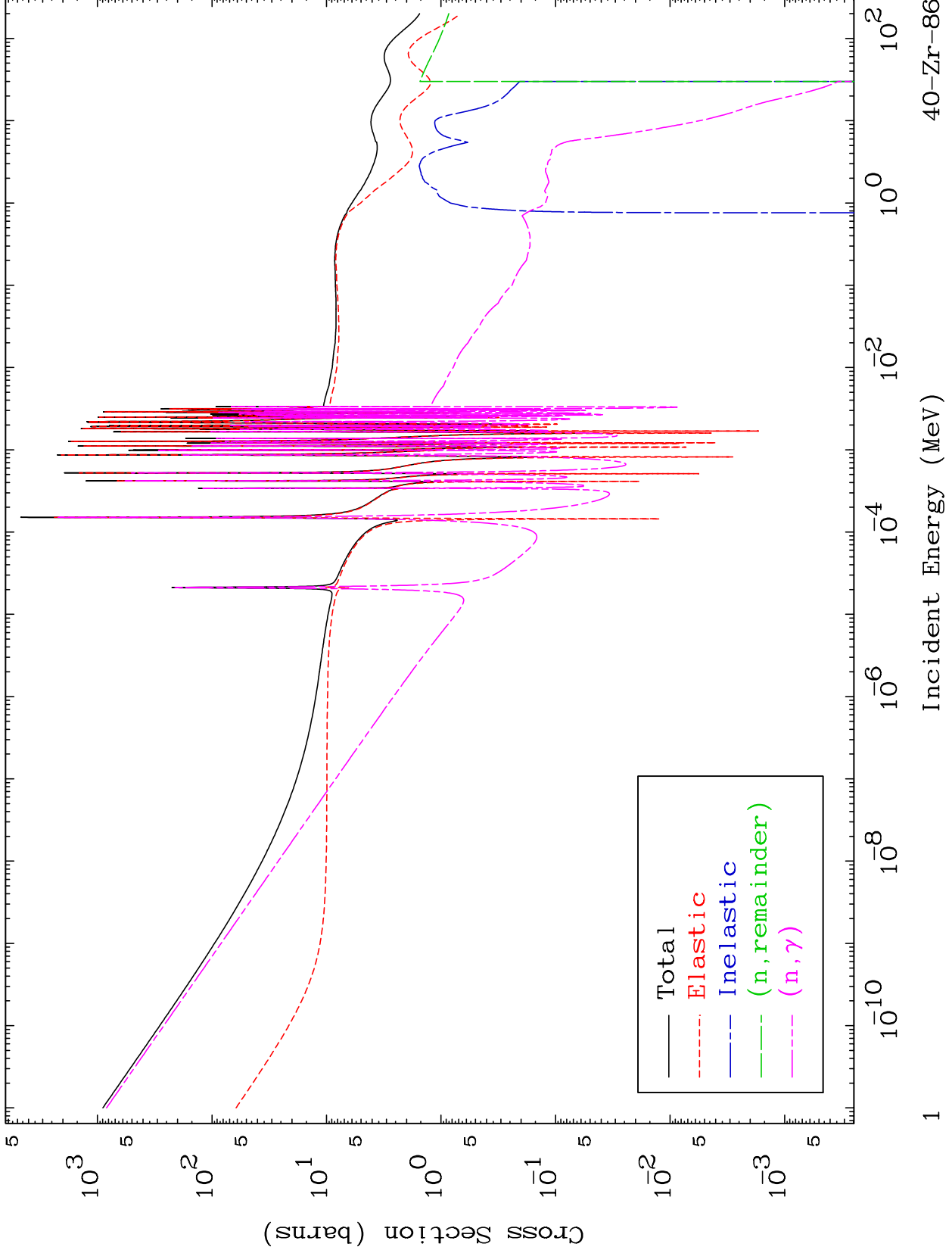
Press Mouse Button to Start

MAT 4013

Major

293 Kelvin Cross Sections

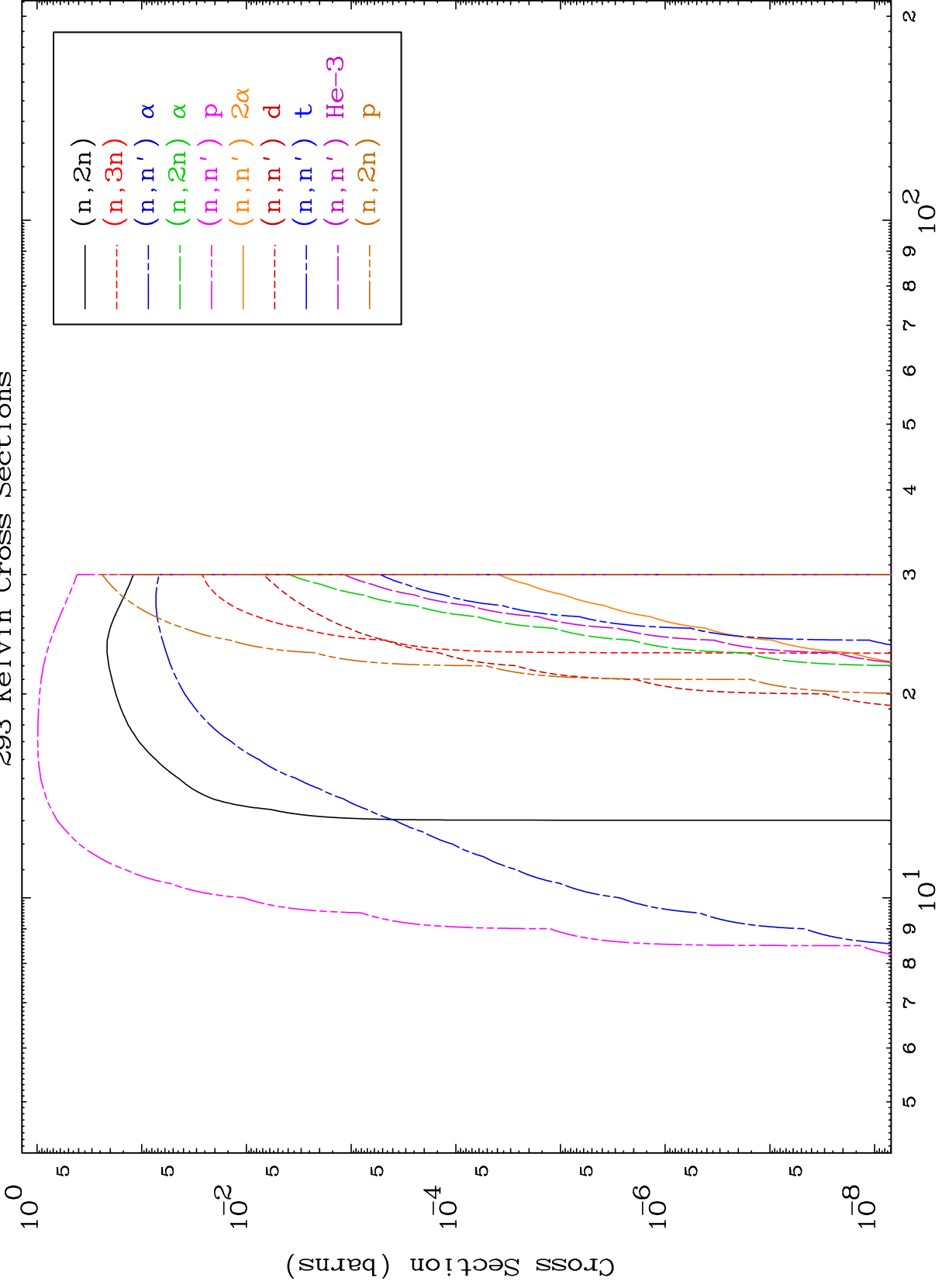
40-Zr-86



MAT 4013

Neutron Production
293 Kelvin Cross Sections

40-Zr-86



2

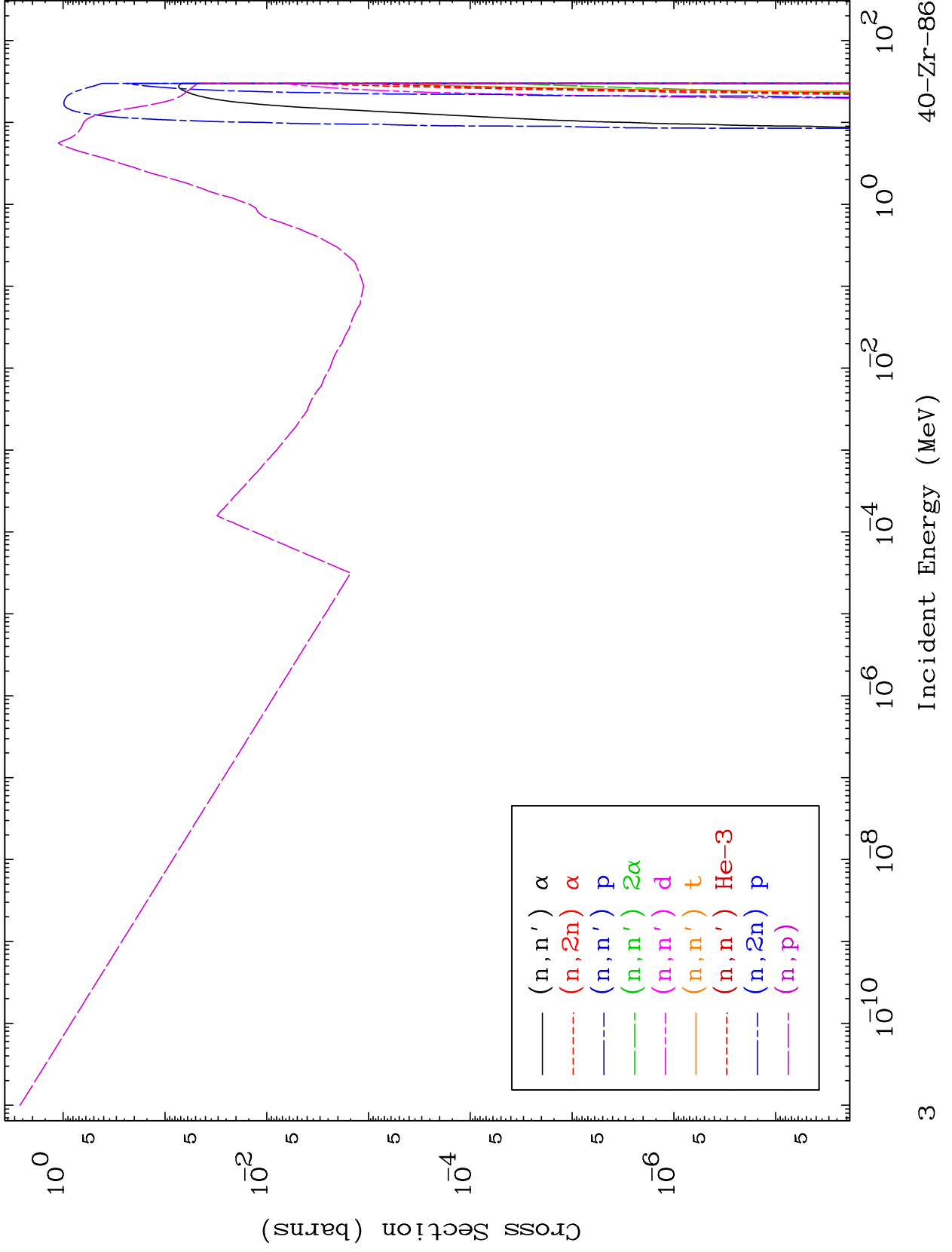
Incident Energy (MeV)

40-Zr-86

MAT 4013

Charged Particle
293 Kelvin Cross Sections

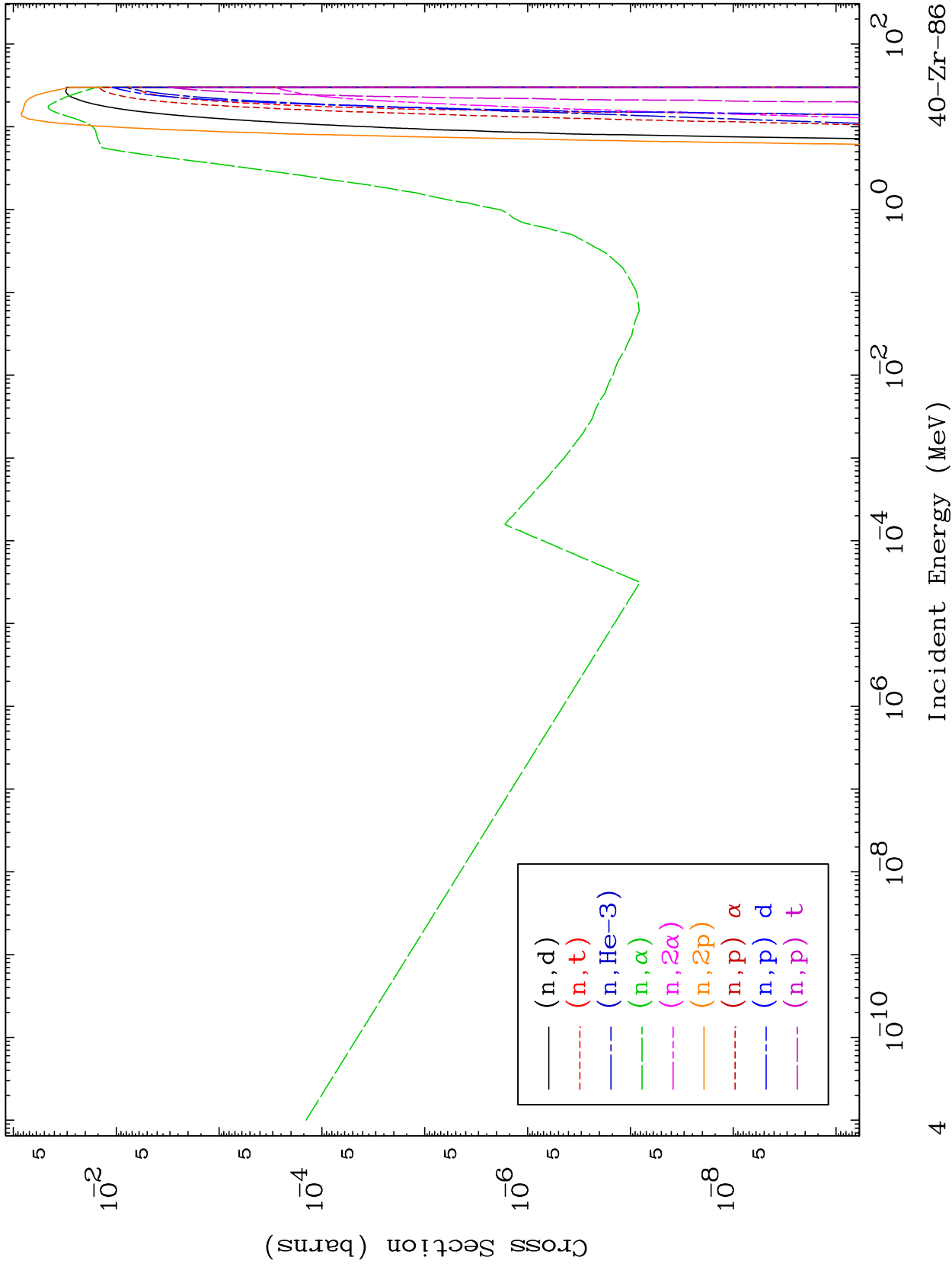
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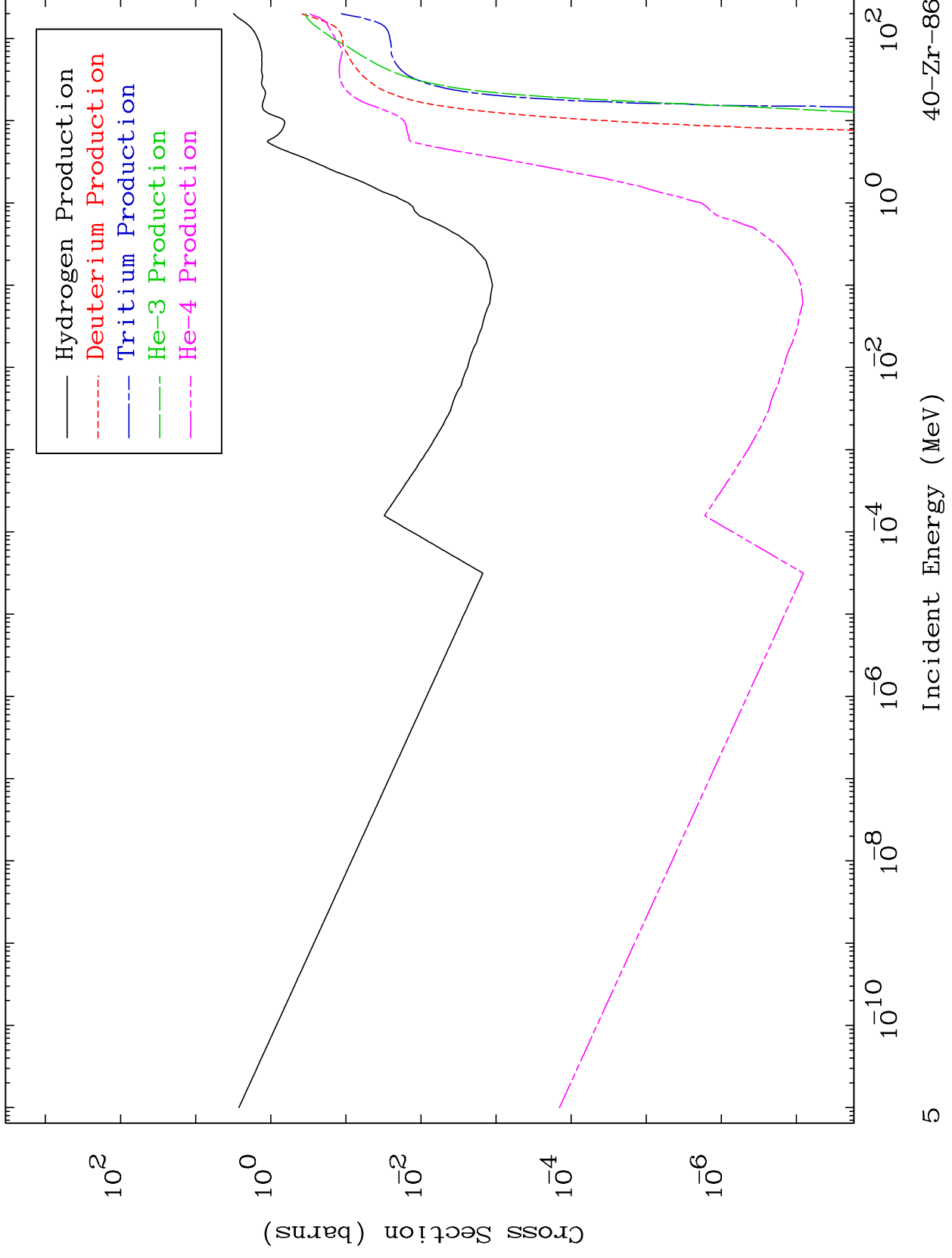


MAT 4013

Charged Particle
293 Kelvin Cross Sections

40-Zr-86

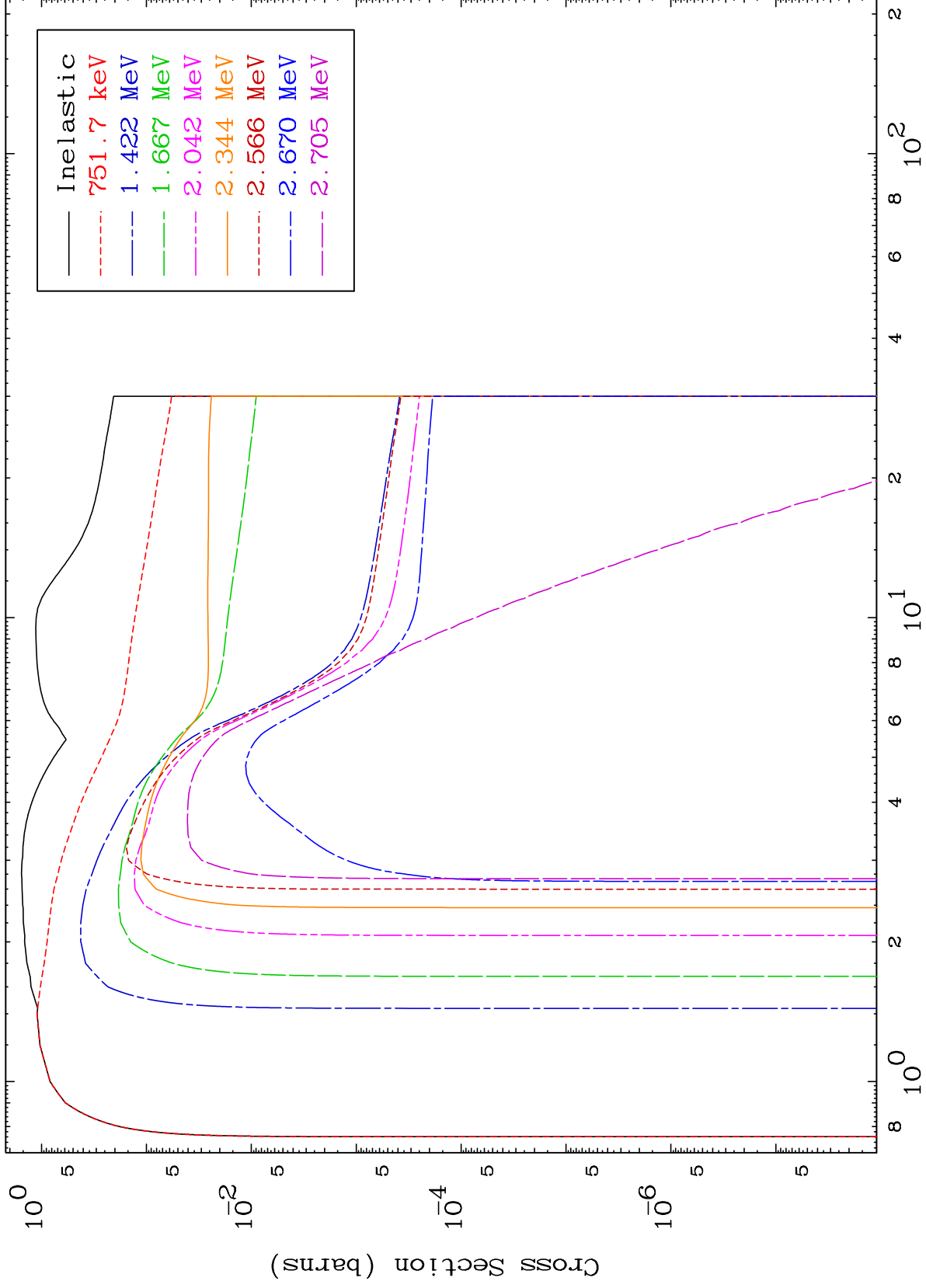




MAT 4013

(n,n') Level
293 Kelvin Cross Sections

40-Zr-86



6

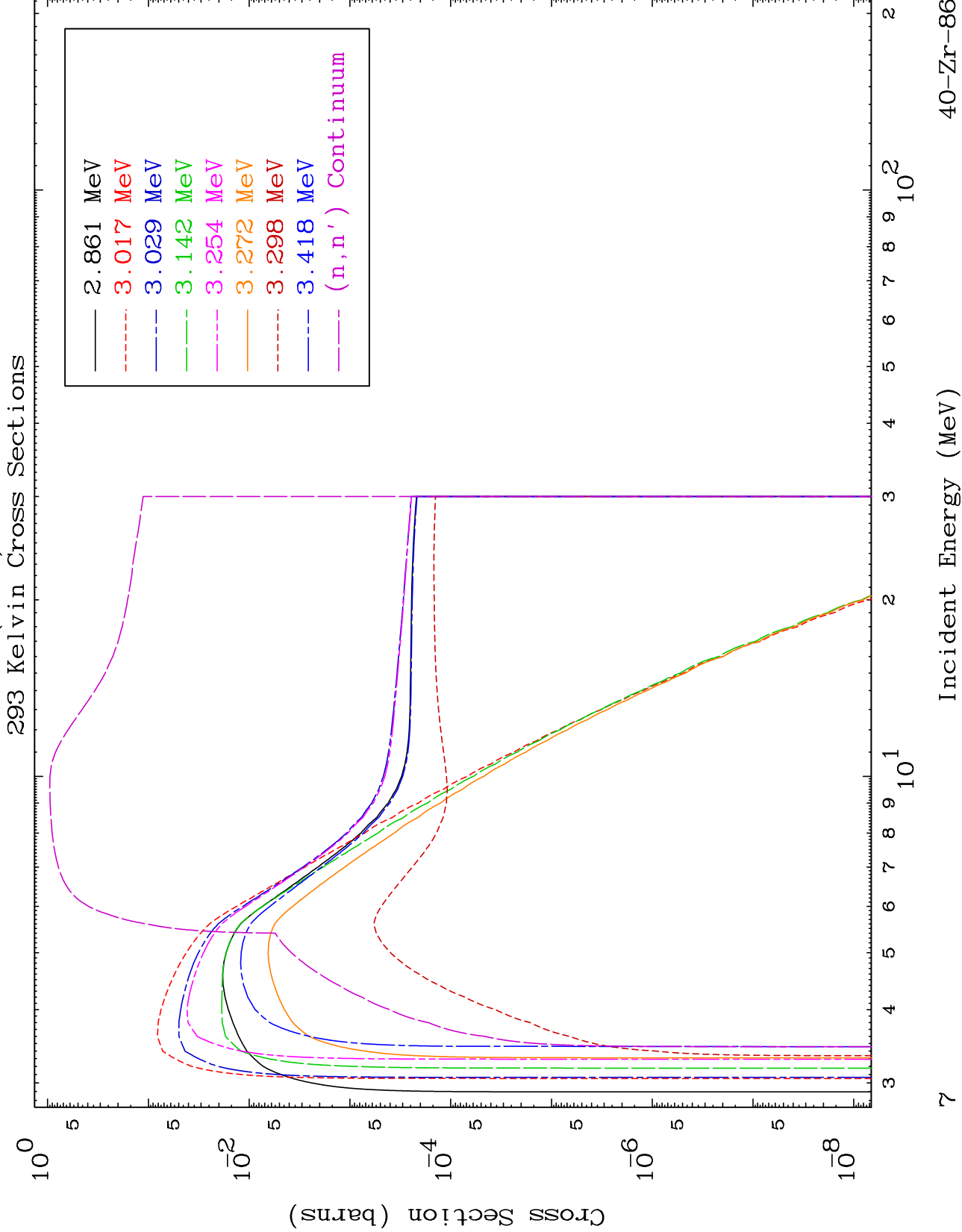
Incident Energy (MeV)

40-Zr-86

MAT 4013

(n,n') Level

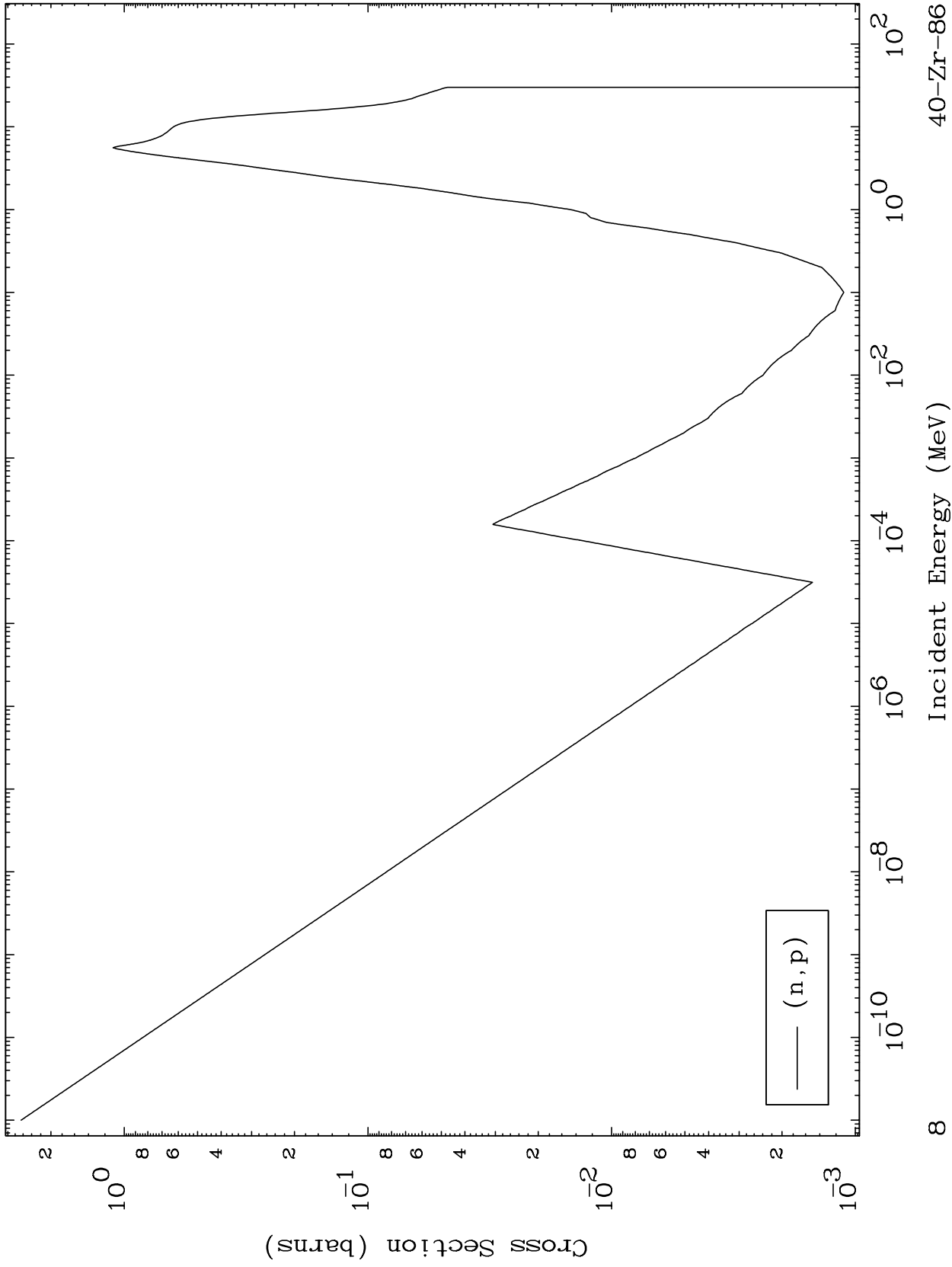
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MAT 4013

(n,p) Levels
293 Kelvin Cross Sections

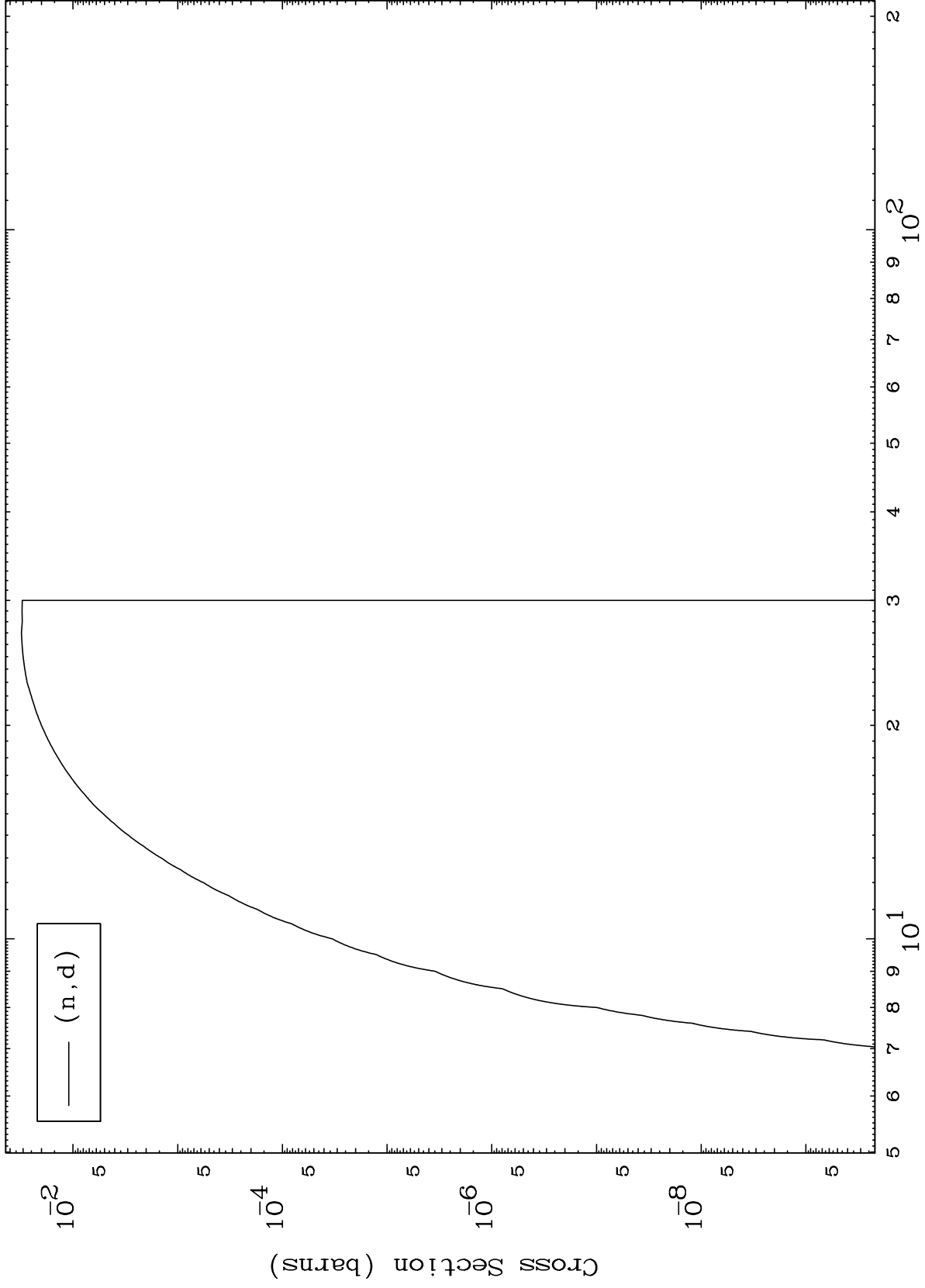
40-Zr-86



MAT 4013

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-86



9

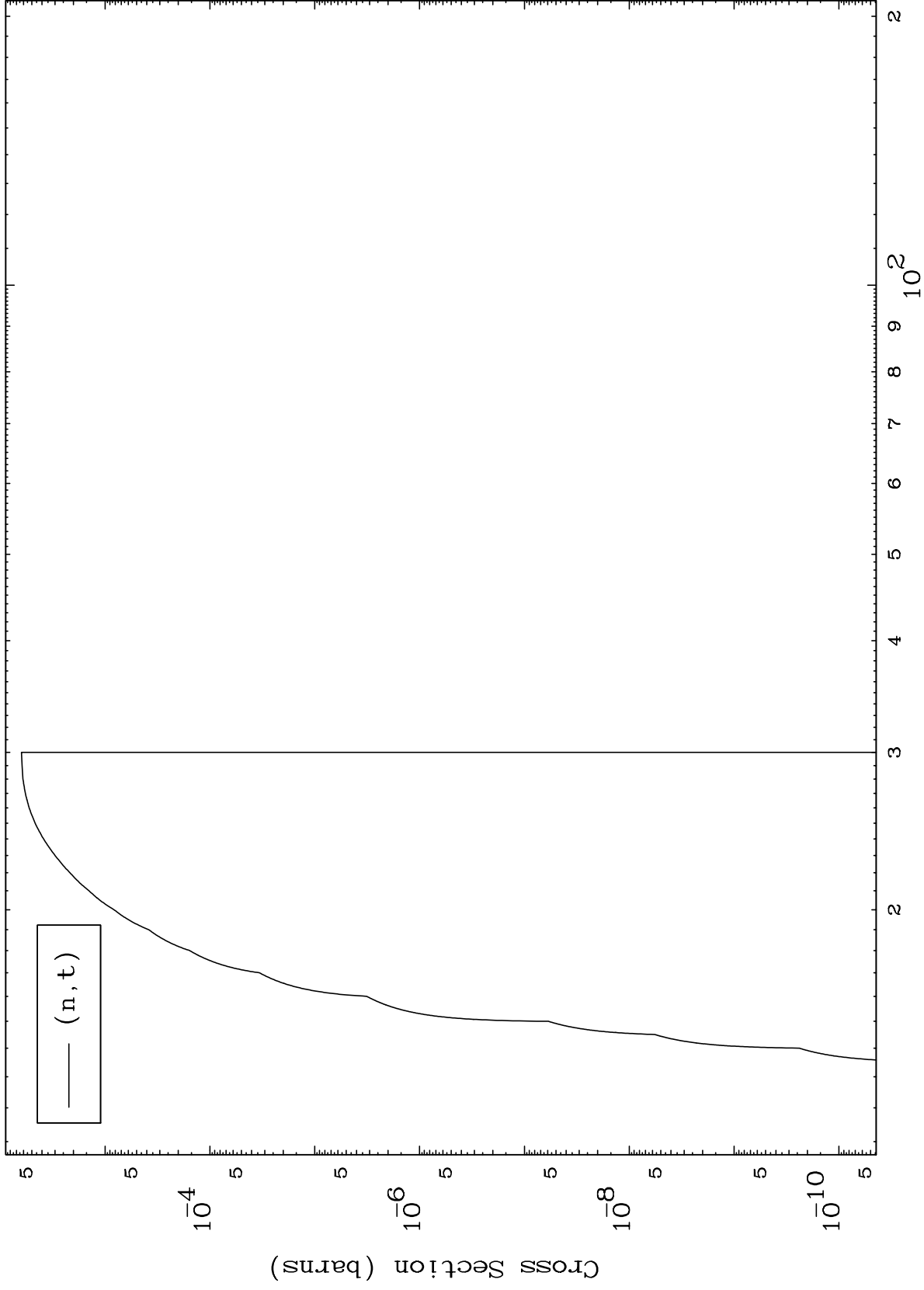
Incident Energy (MeV)

40-Zr-86

MAT 4013

(n,t) Levels
293 Kelvin Cross Sections

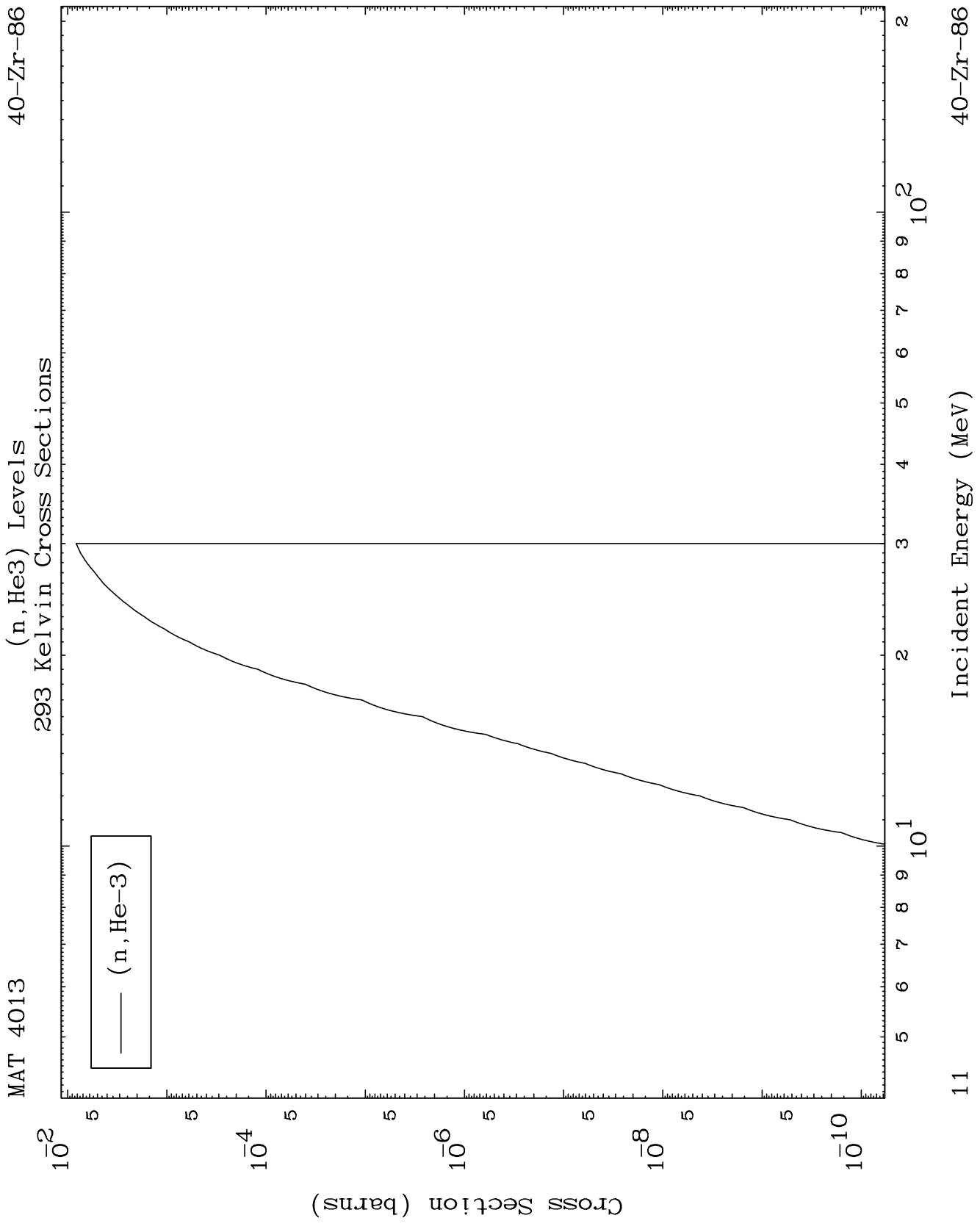
40-Zr-86



10

Incident Energy (MeV)

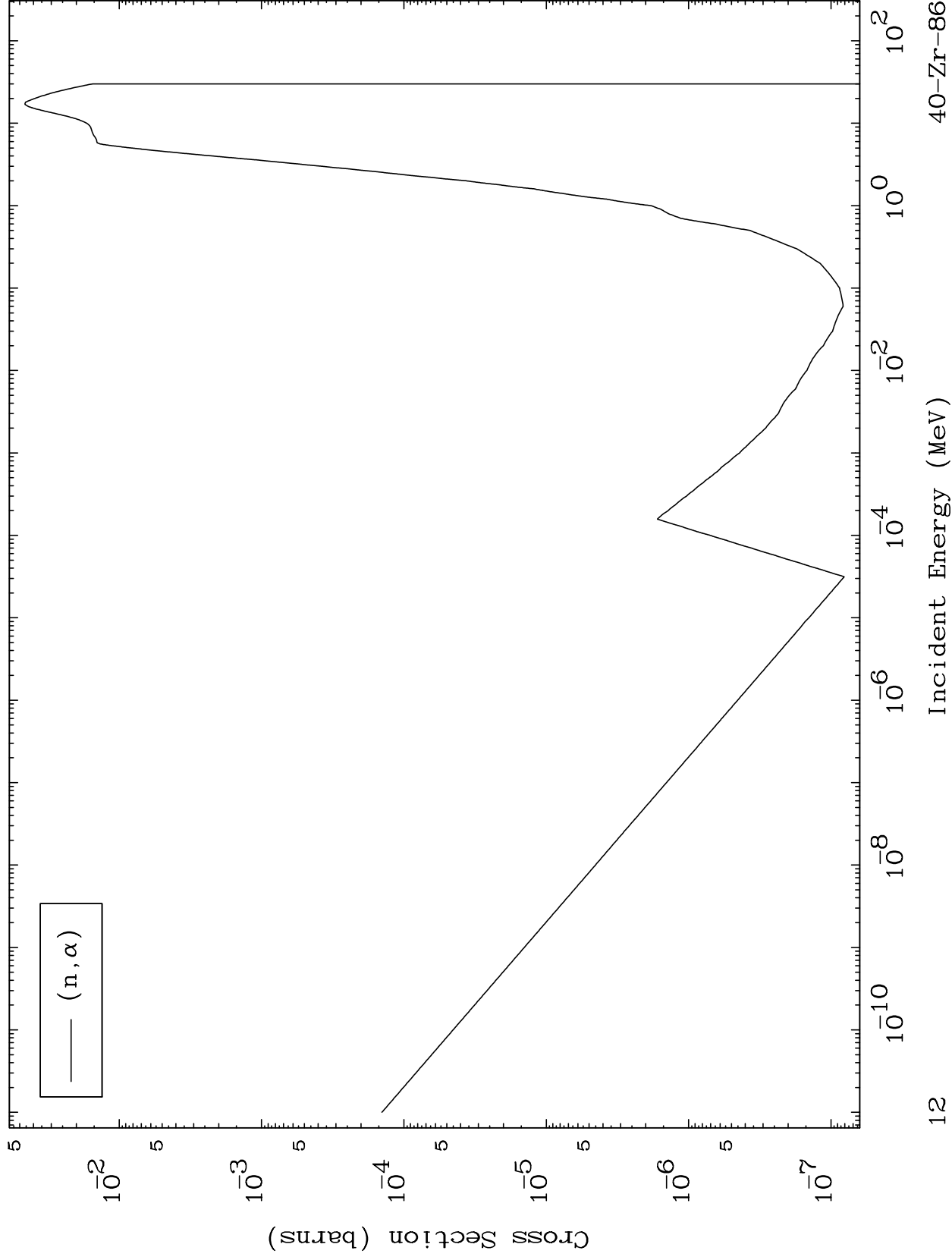
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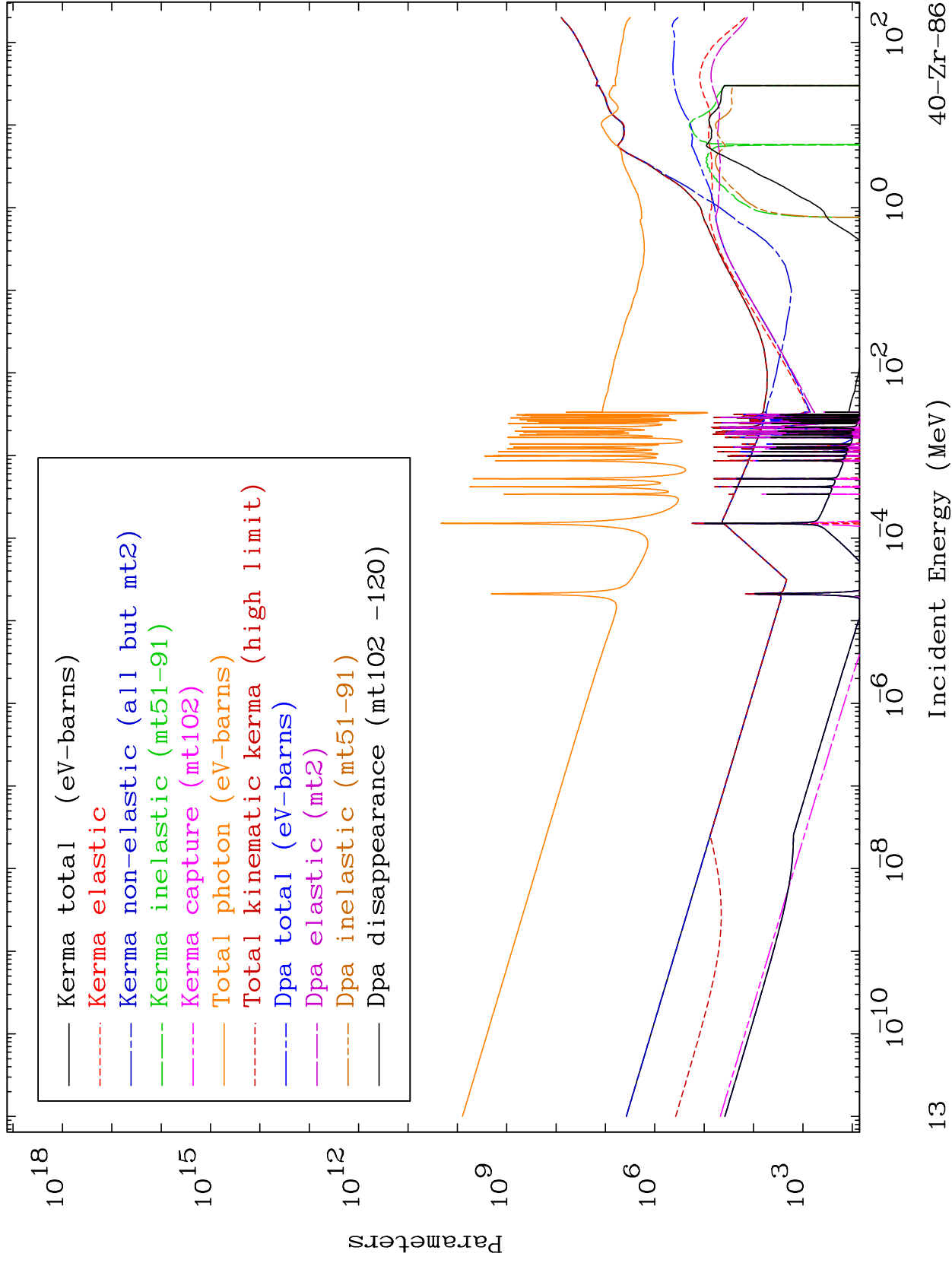


MAT 4013

(n, α) Levels
293 Kelvin Cross Sections

40-Zr-86

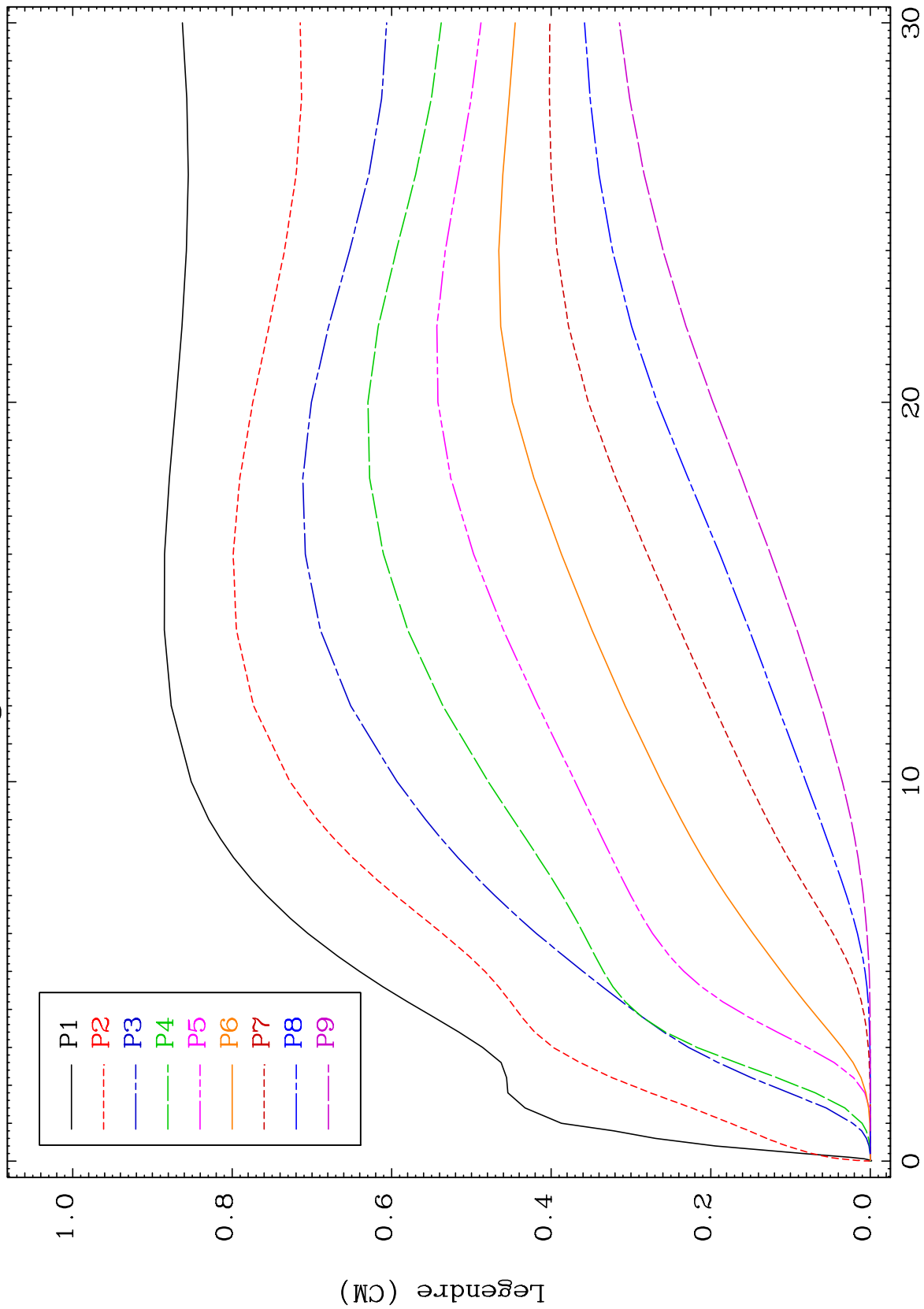




MAT 4013

Elastic Legendre Coefficients

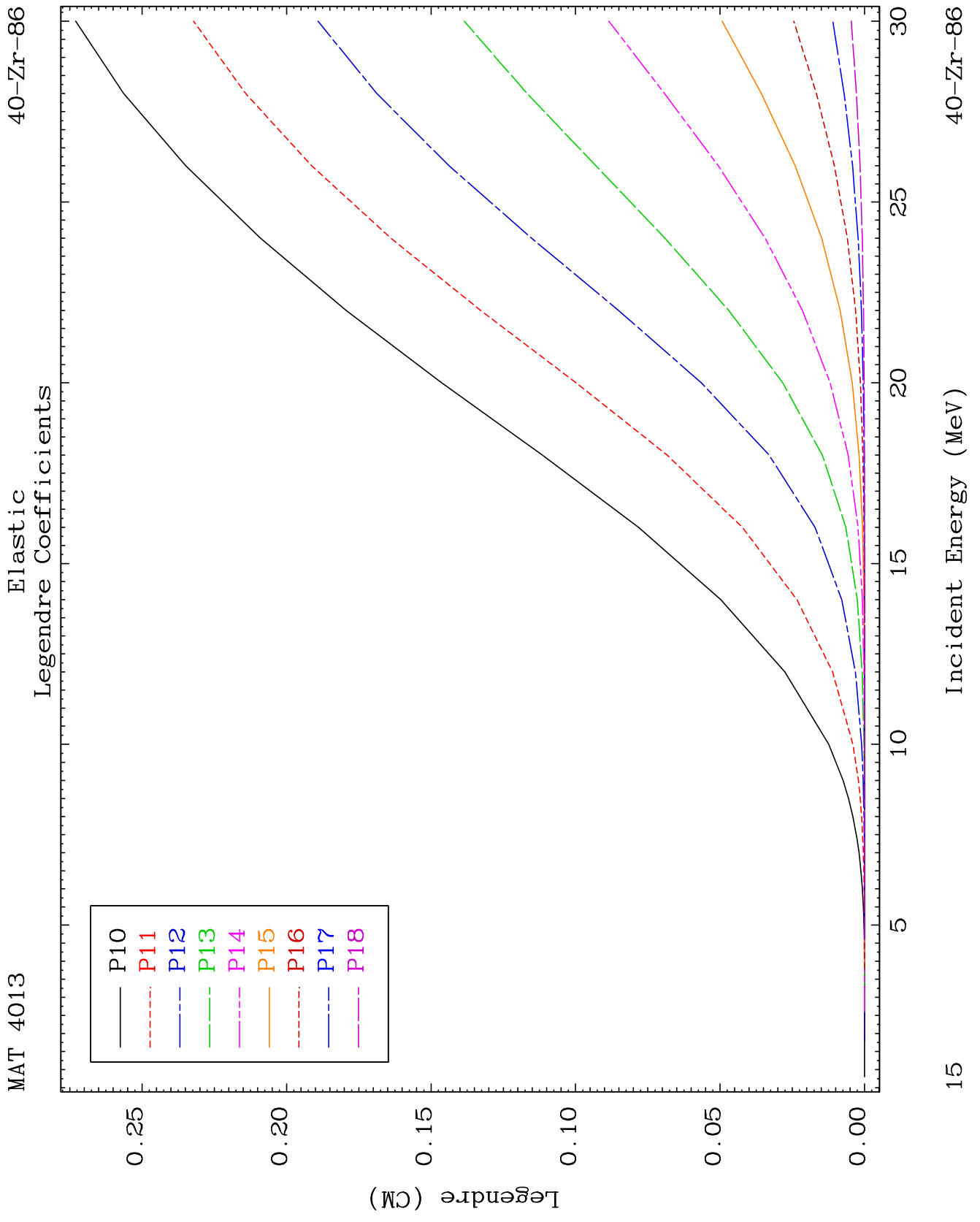
40-Zr-86



14

Incident Energy (MeV)

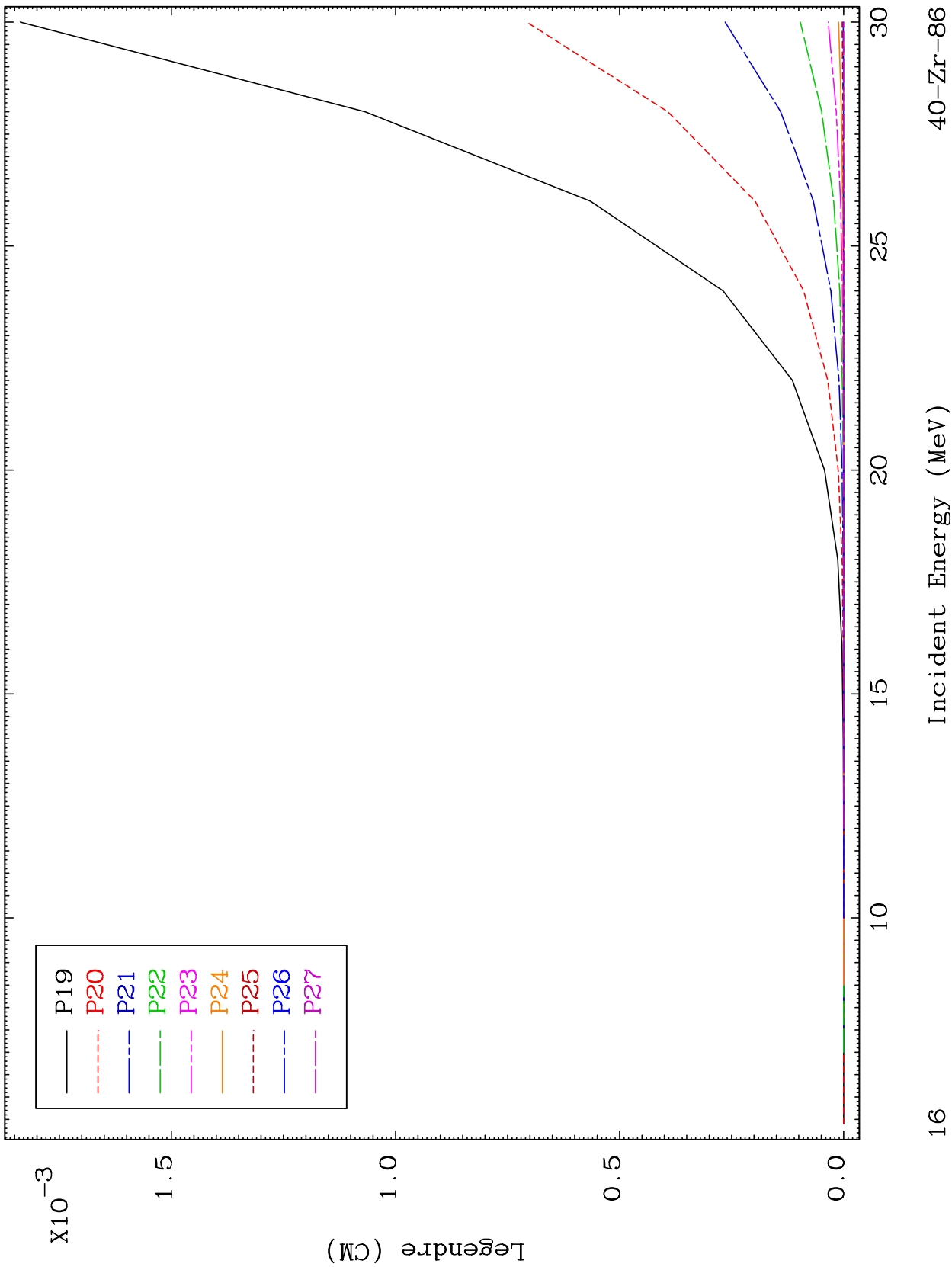
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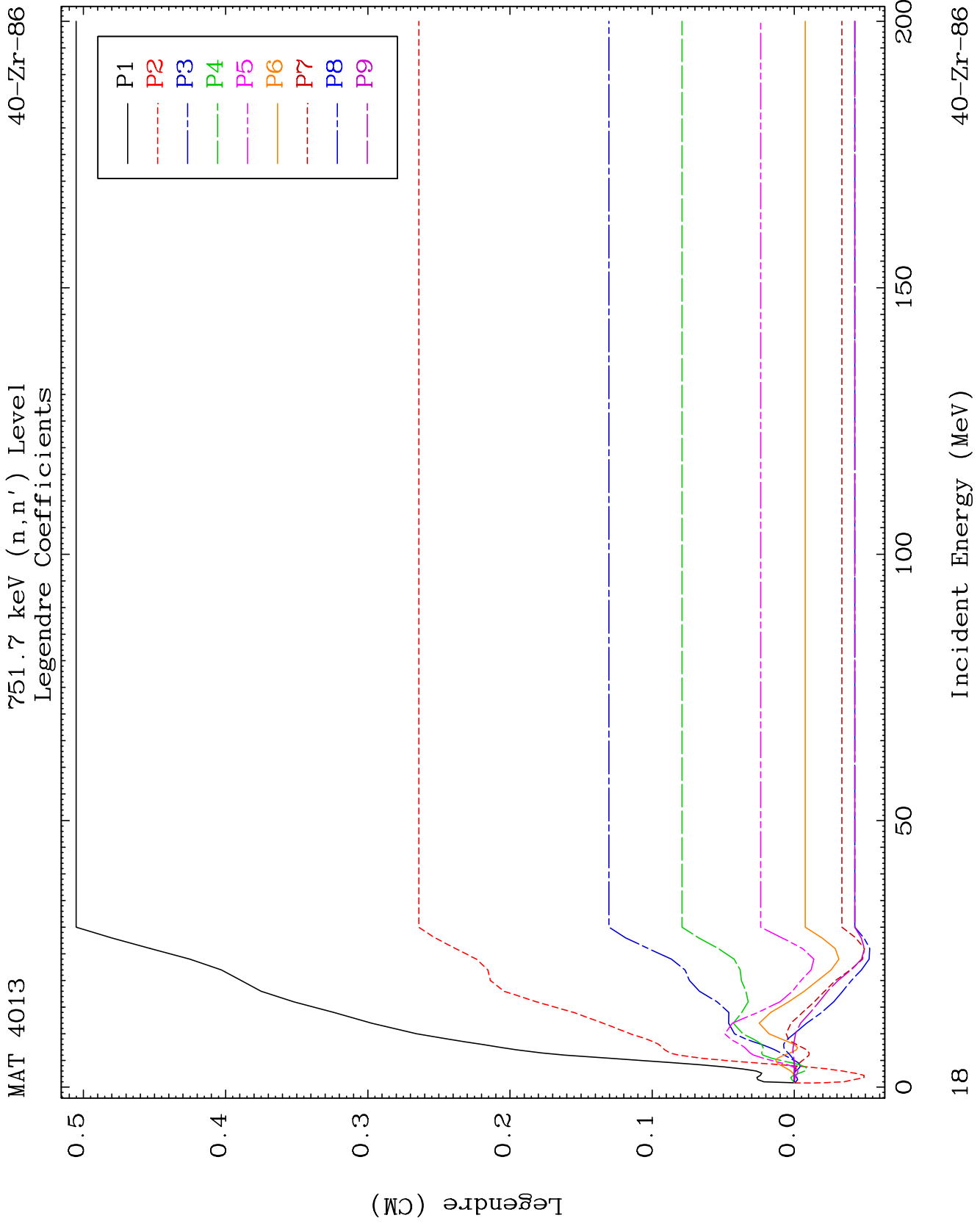
MAT 4013

Elastic Legendre Coefficients

40-Zr-86



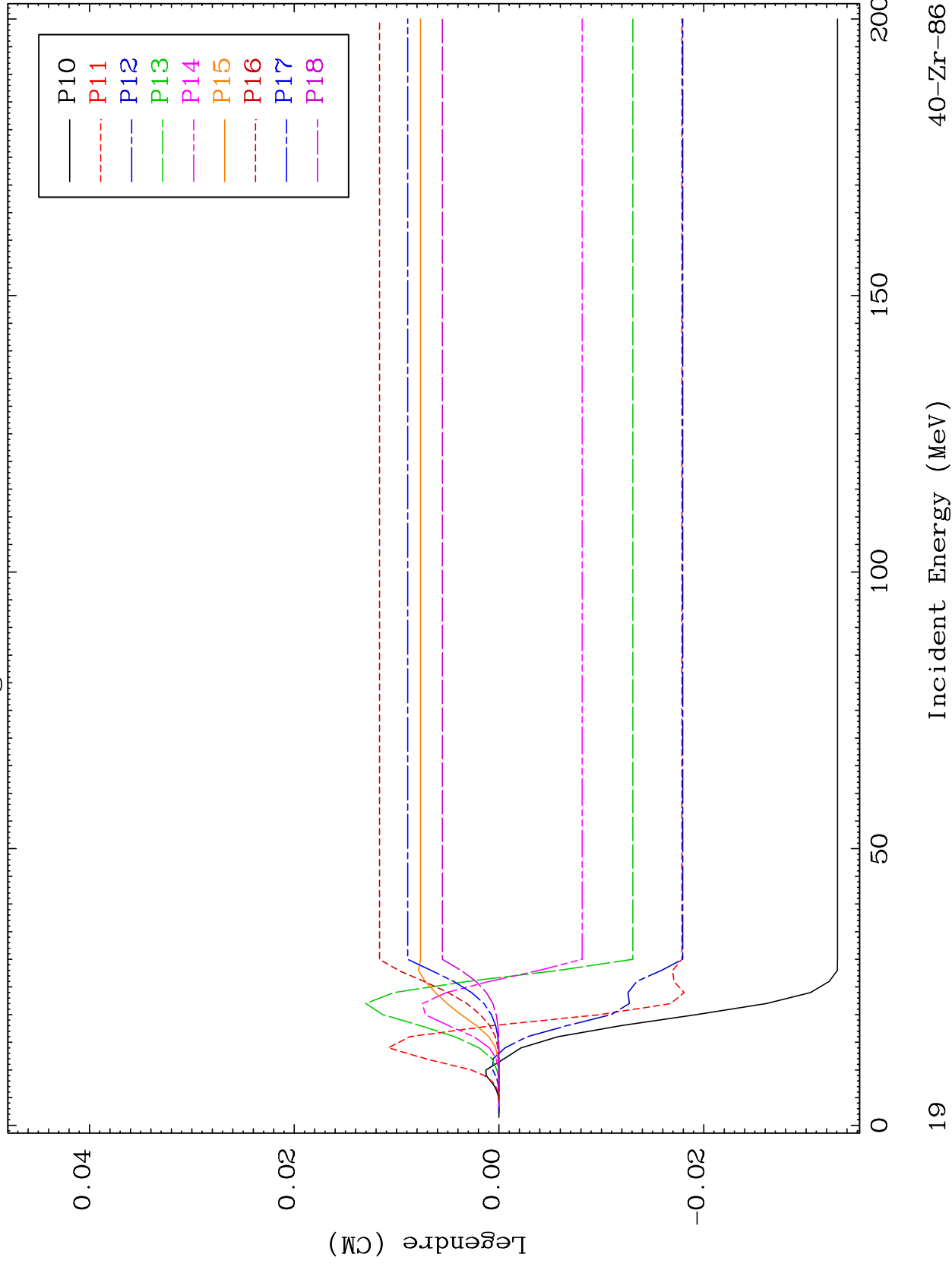
16



MAT 4013

751.7 keV (n,n') Level
Legendre Coefficients

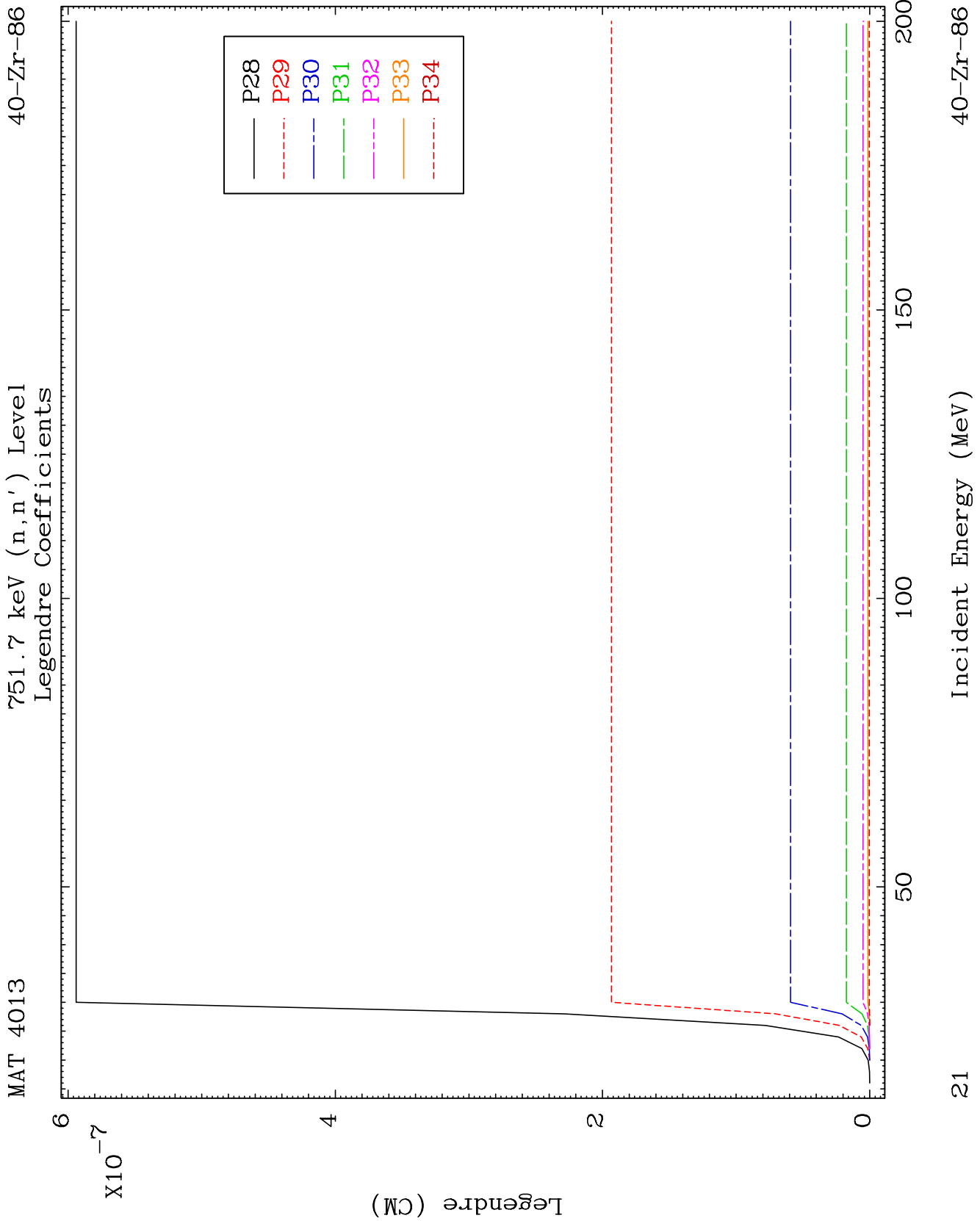
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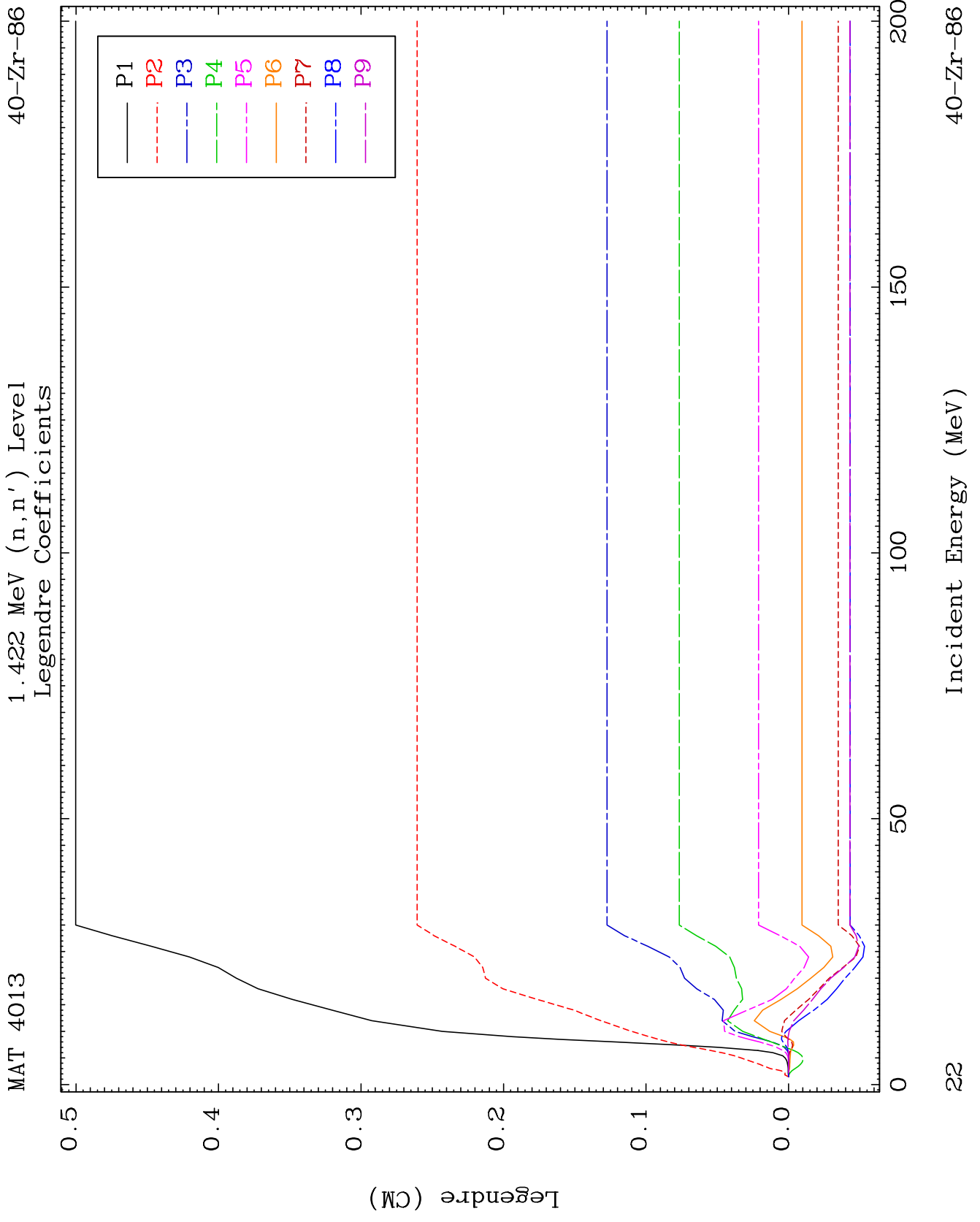


19

Incident Energy (MeV)

40-Zr-86

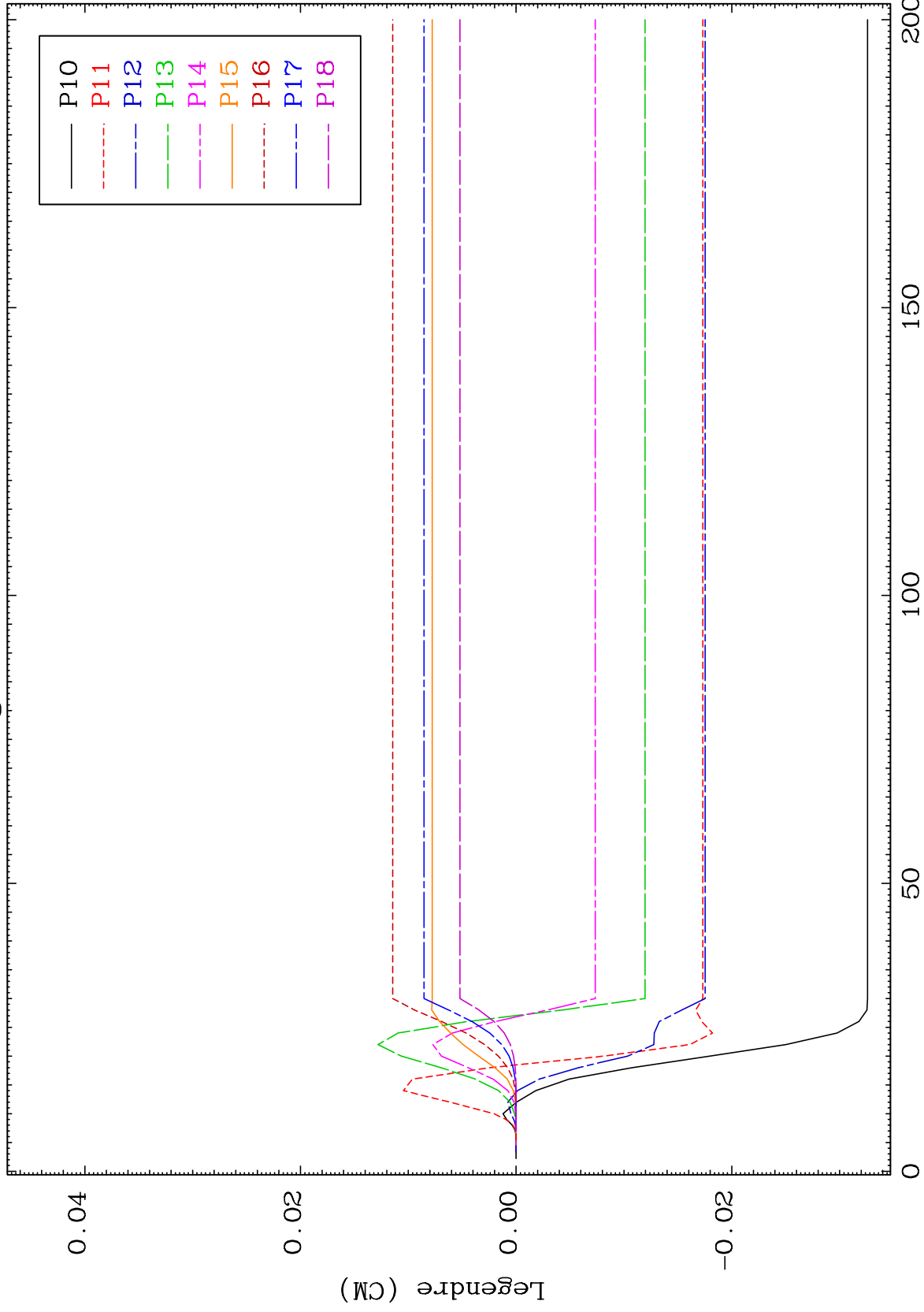




MAT 4013

1.422 MeV (n,n') Level
Legendre Coefficients

40-Zr-86



23

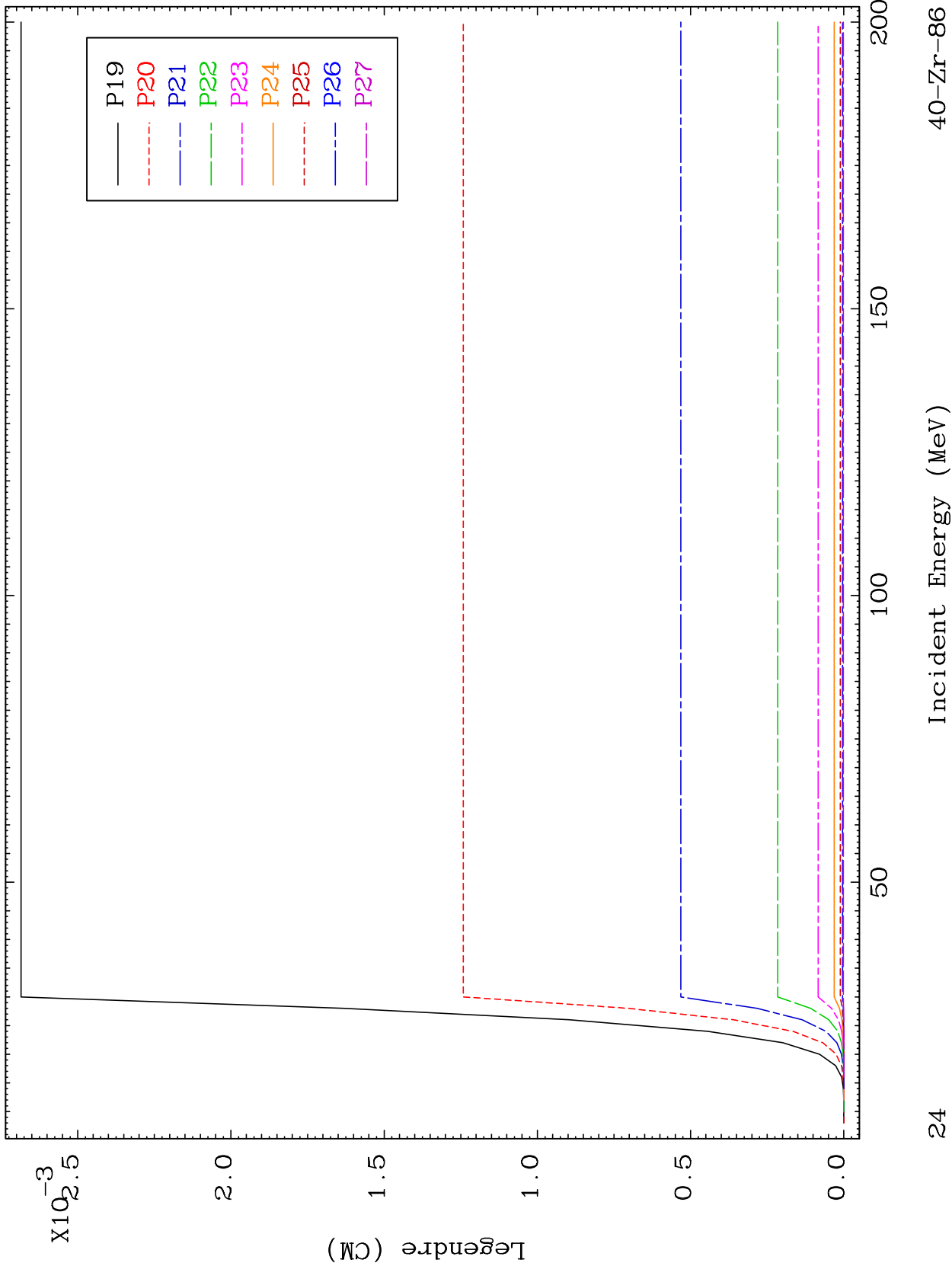
Incident Energy (MeV)

40-Zr-86

MAT 4013

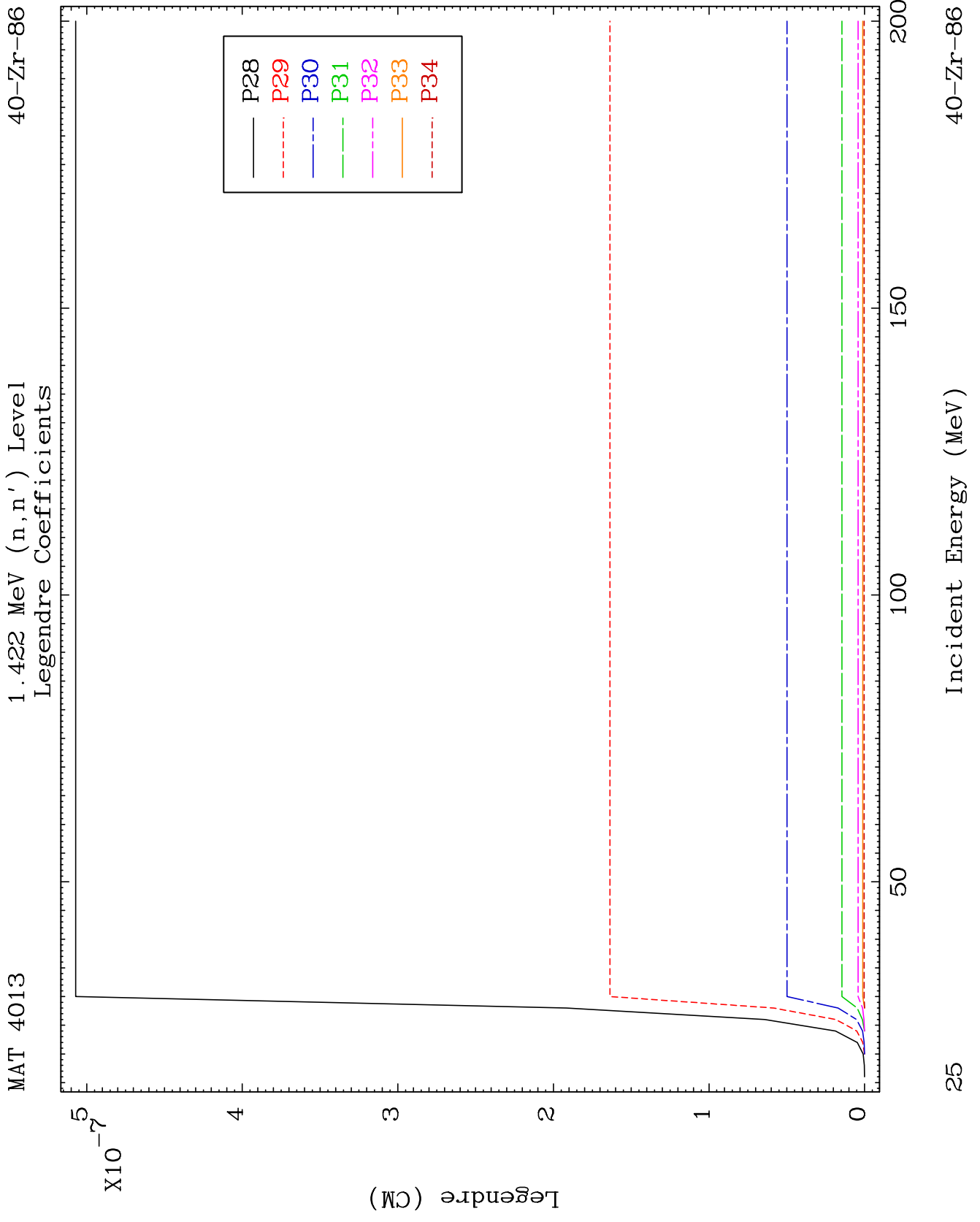
1.422 MeV (n,n') Level
Legendre Coefficients

40-Zr-86



24

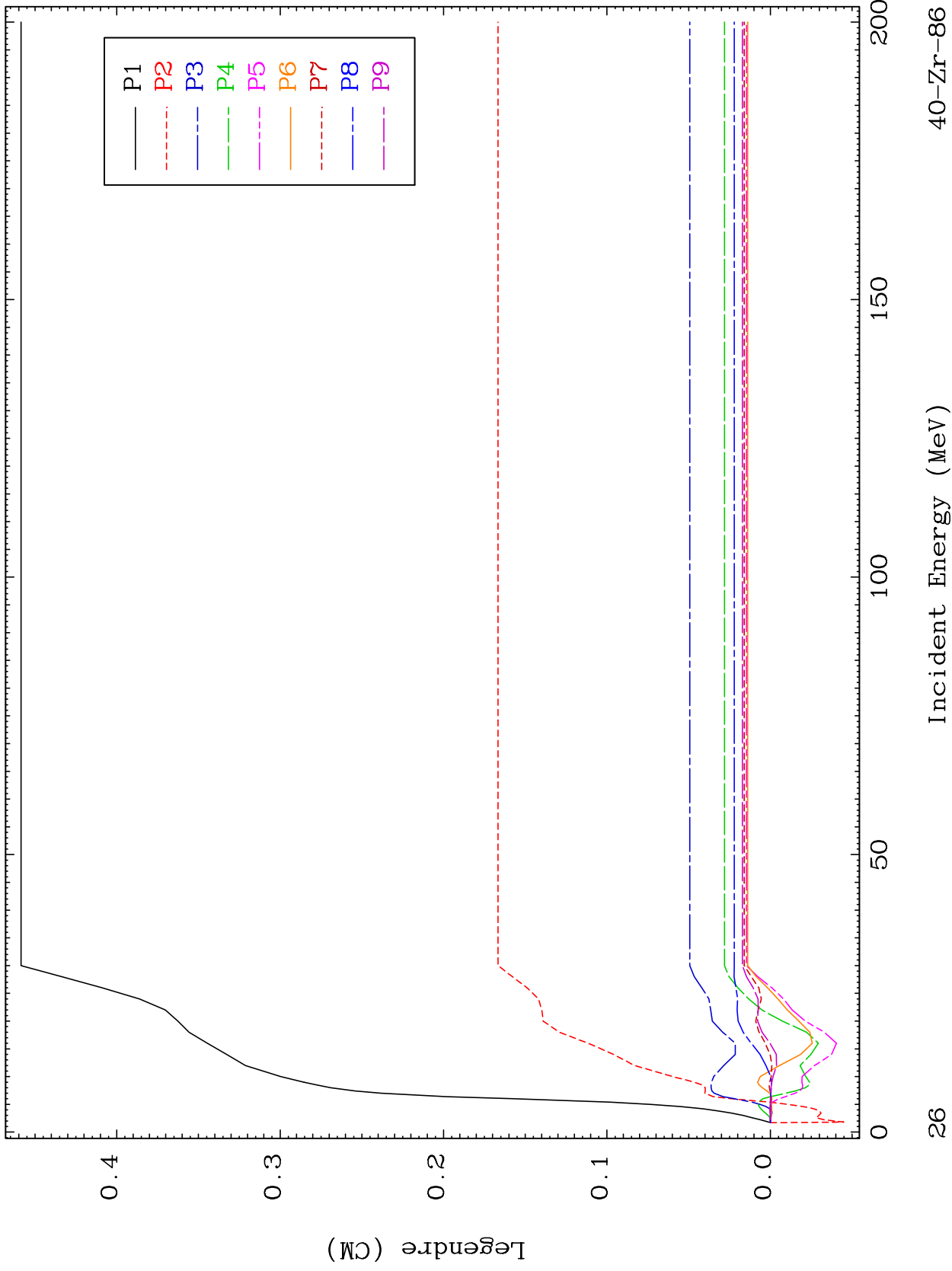
40-Zr-86



MAT 4013

1.667 MeV (n,n') Level
Legendre Coefficients

40-Zr-86



26

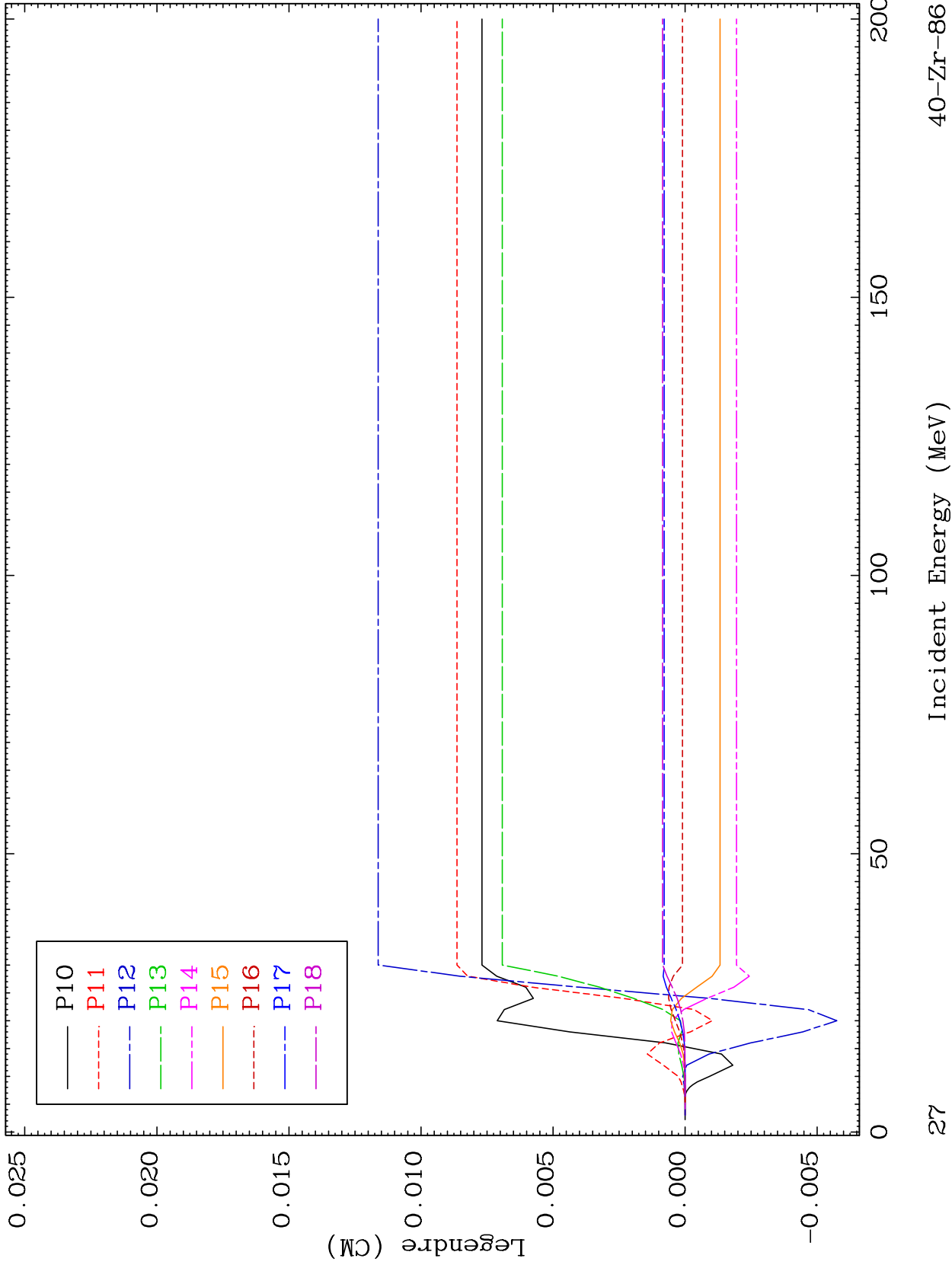
Incident Energy (MeV)

40-Zr-86

MAT 4013

1.667 MeV (n,n') Level
Legendre Coefficients

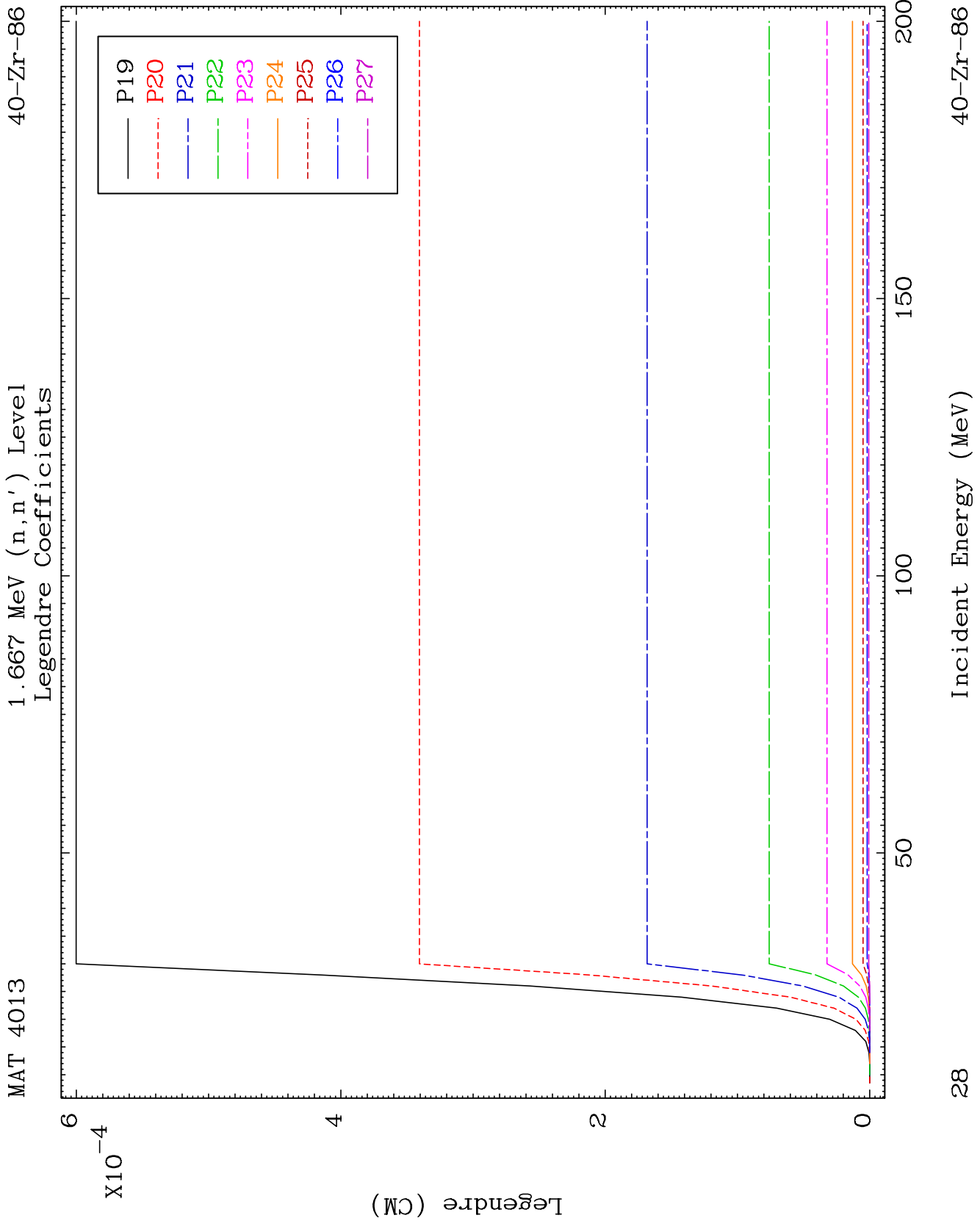
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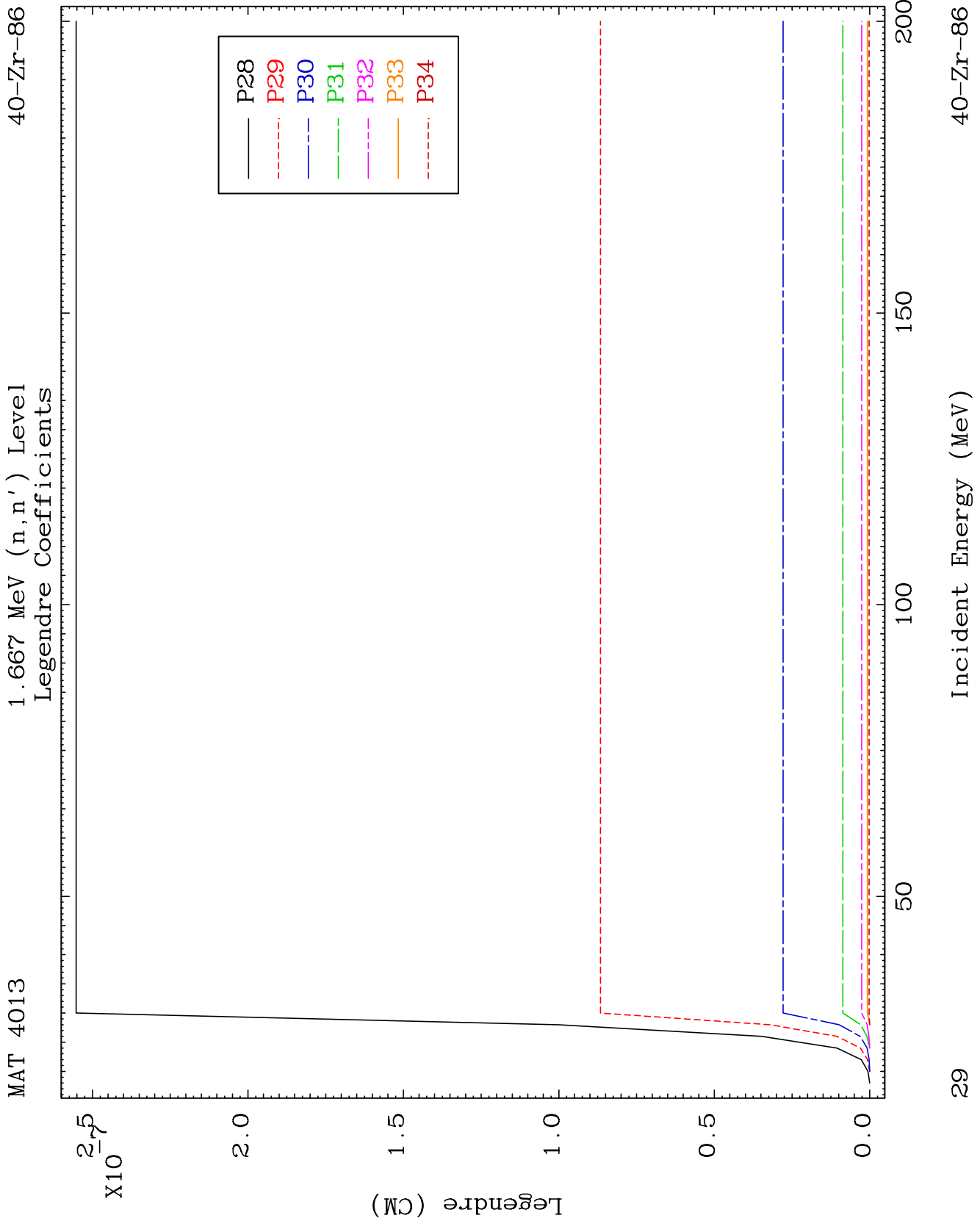


27

Incident Energy (MeV)

40-Zr-86

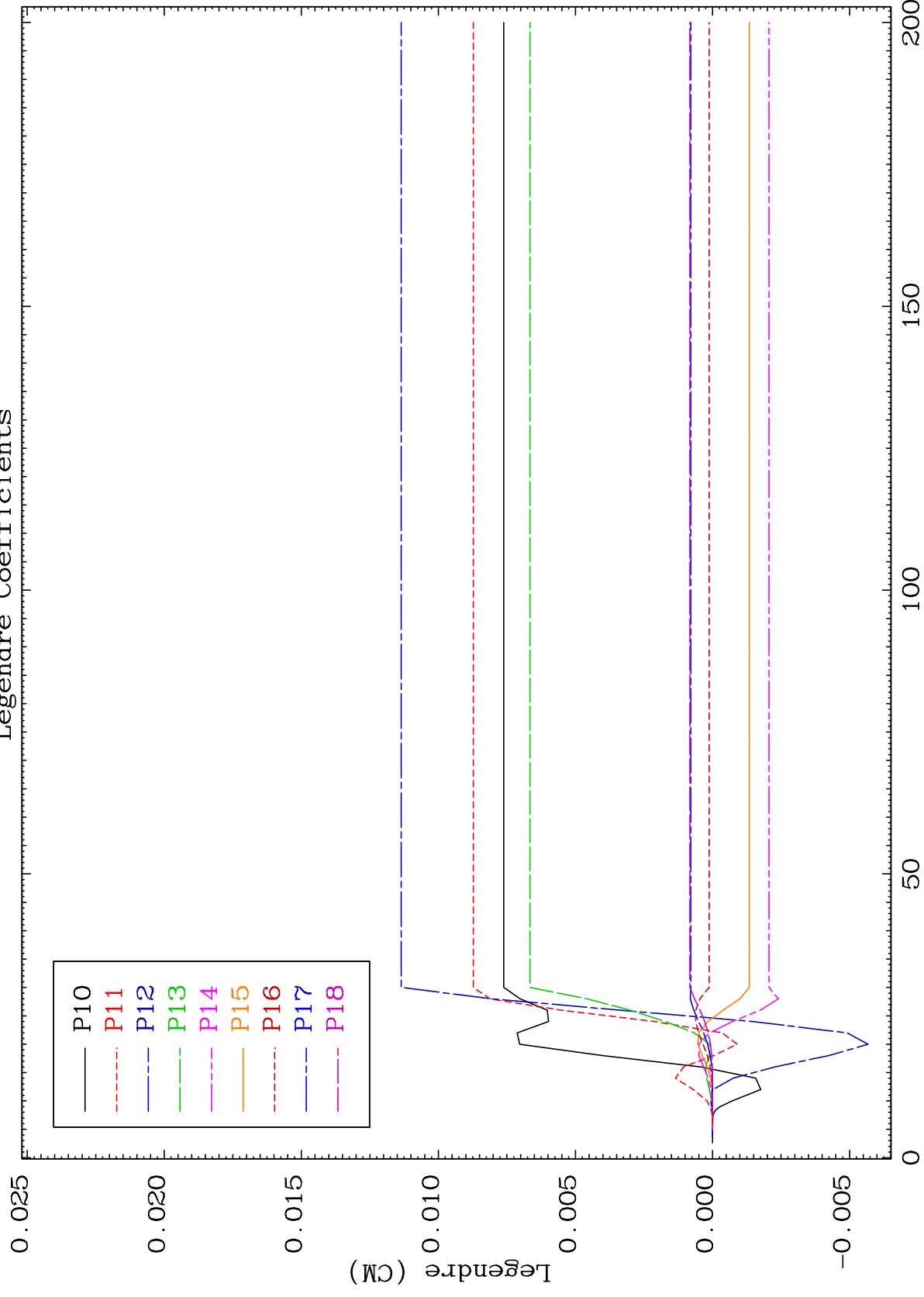


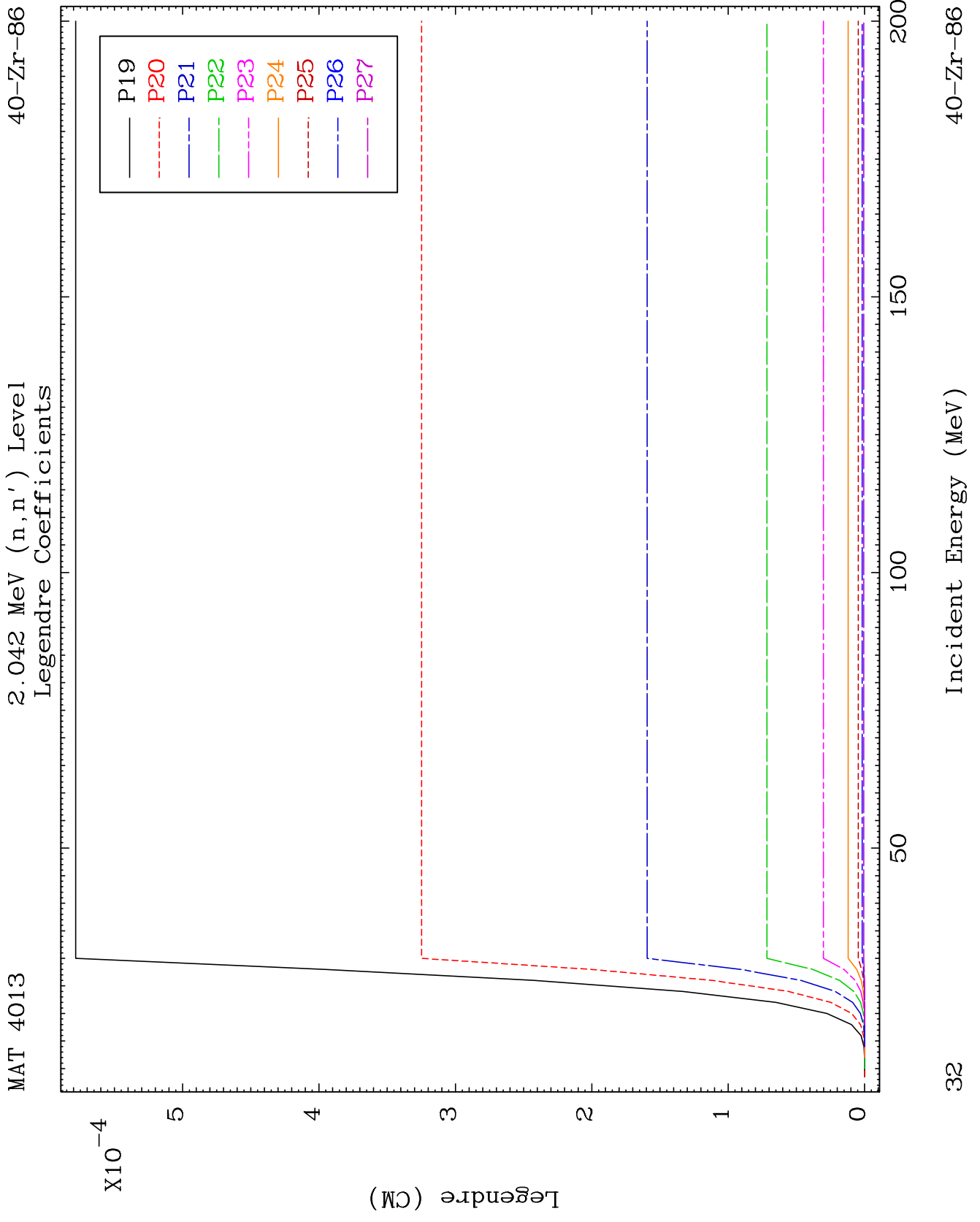


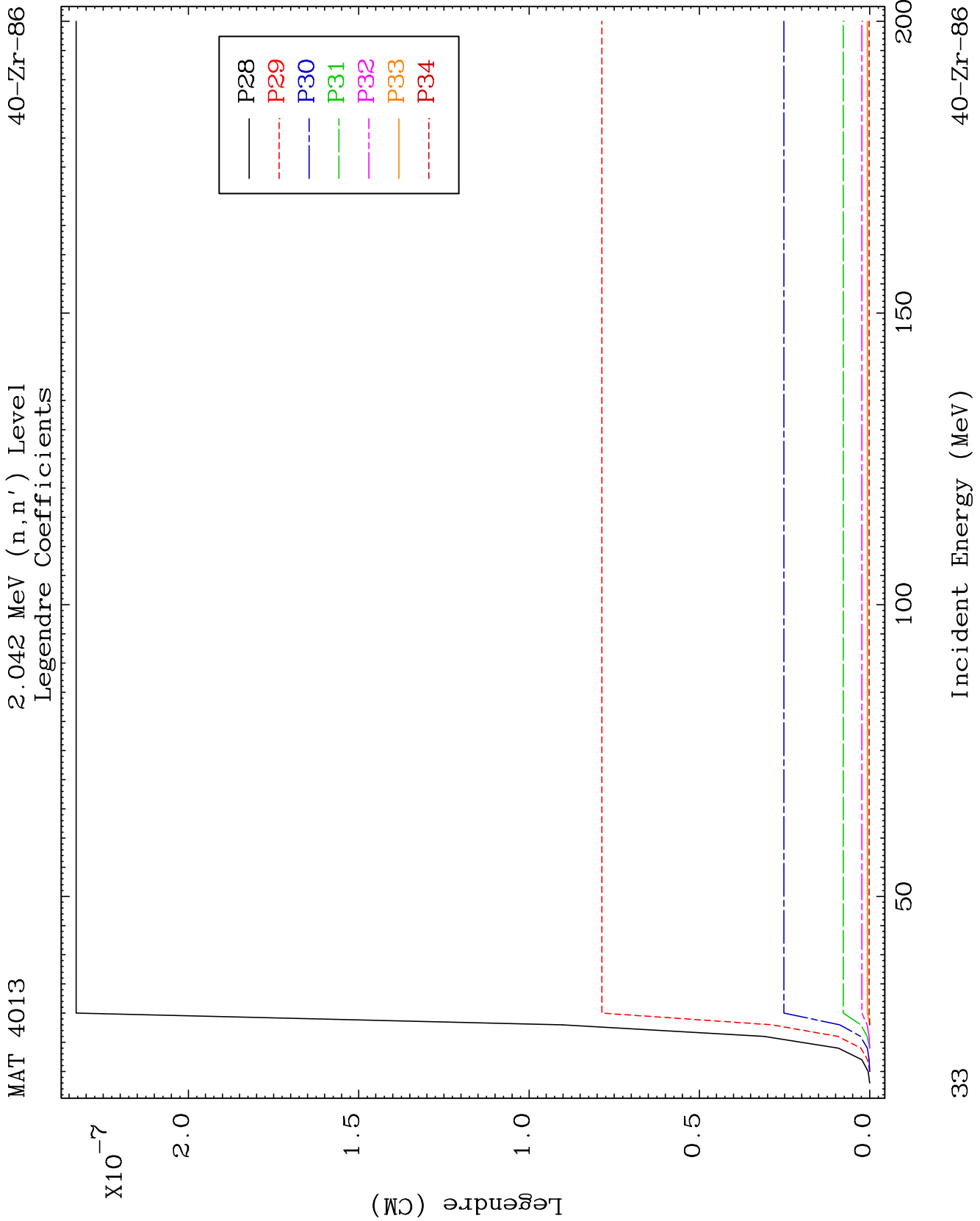
MAT 4013

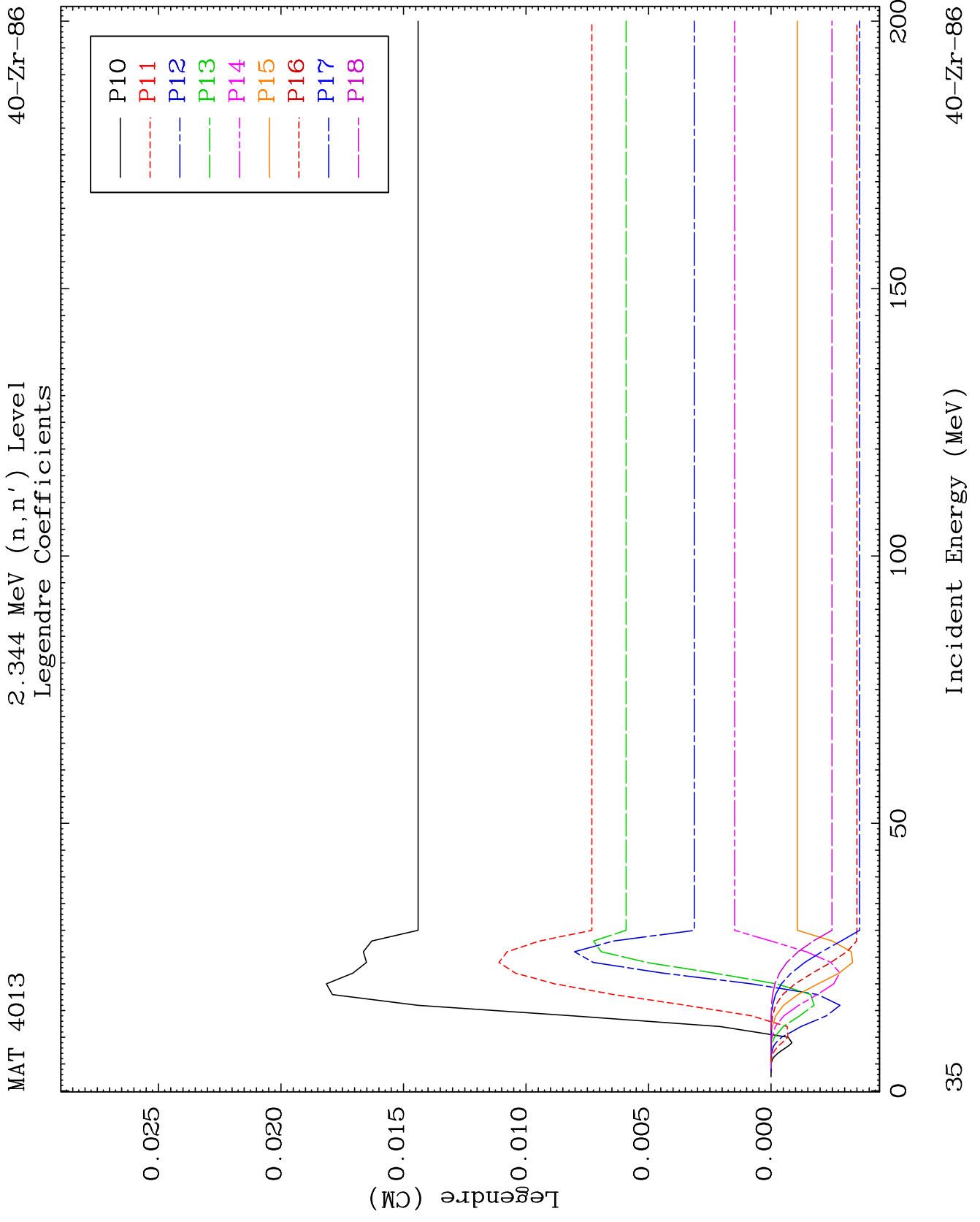
2.042 MeV (n,n') Level
Legendre Coefficients

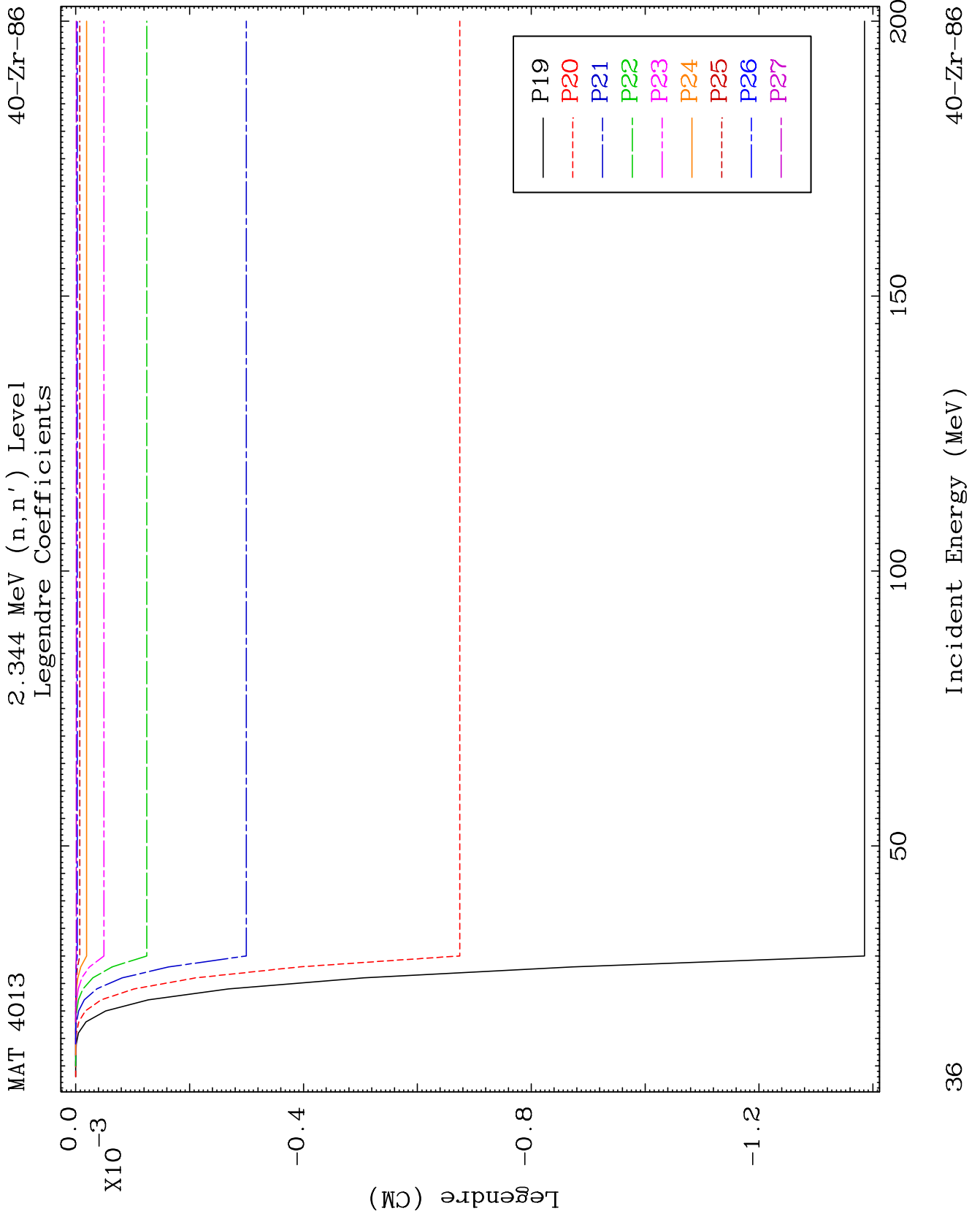
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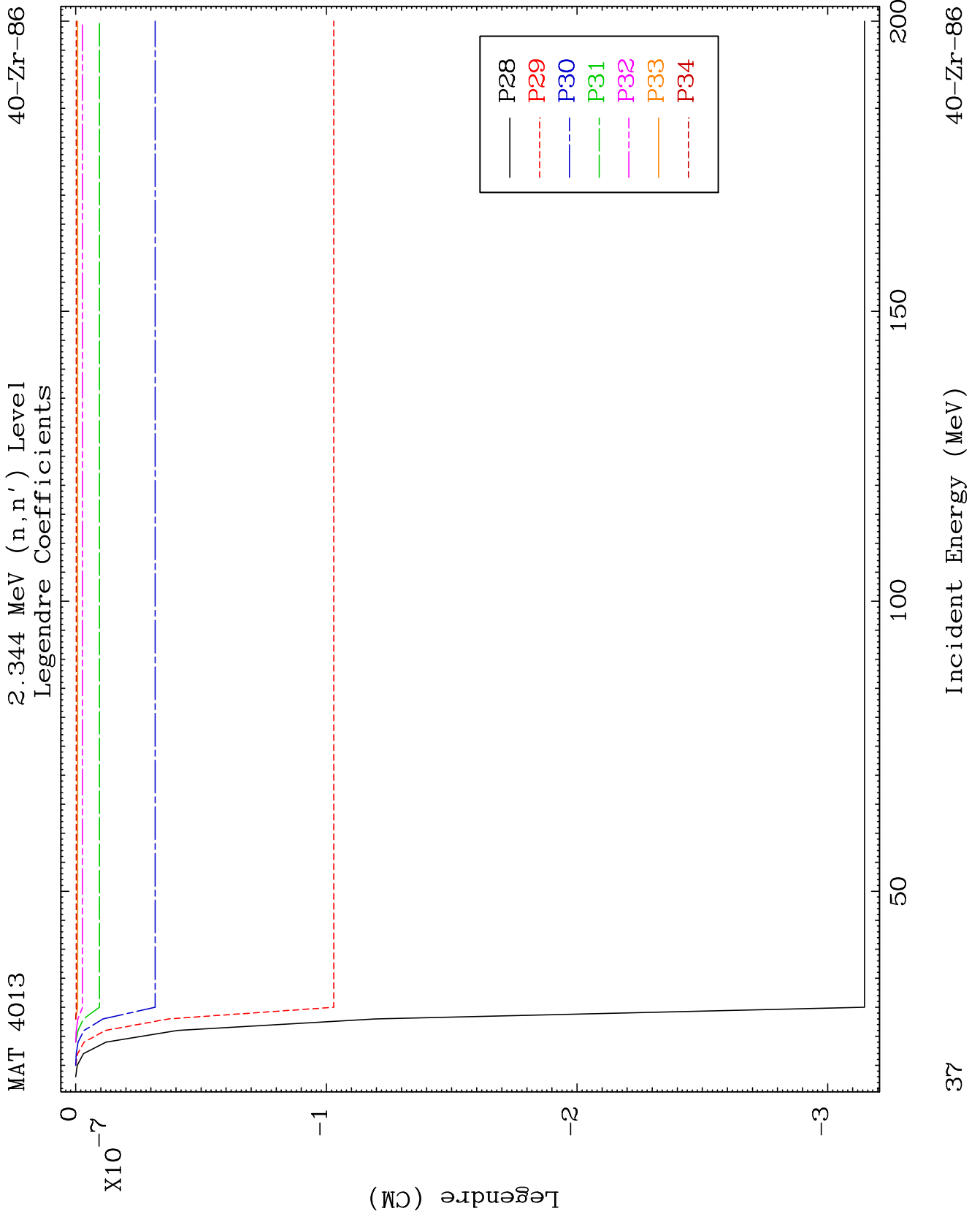


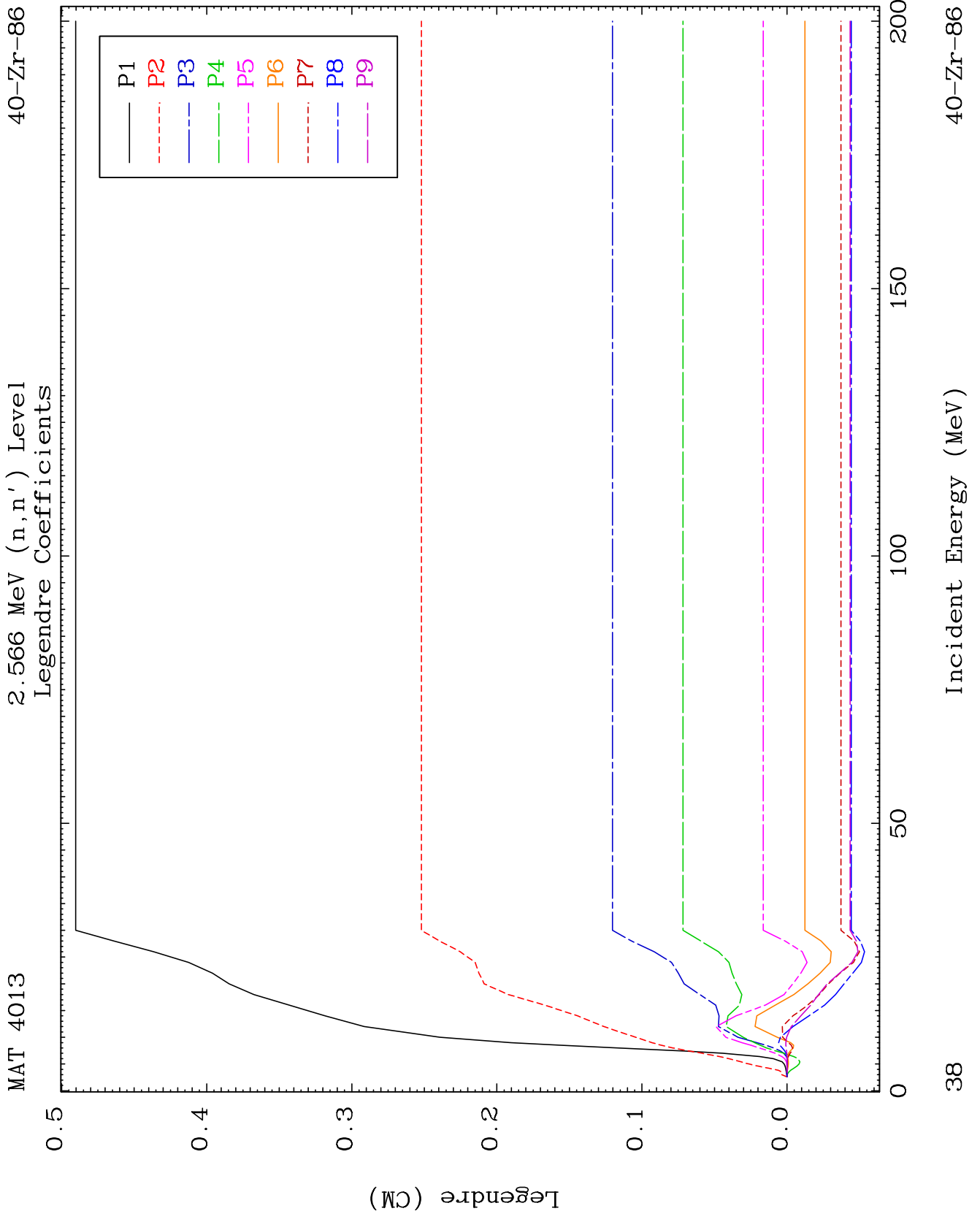








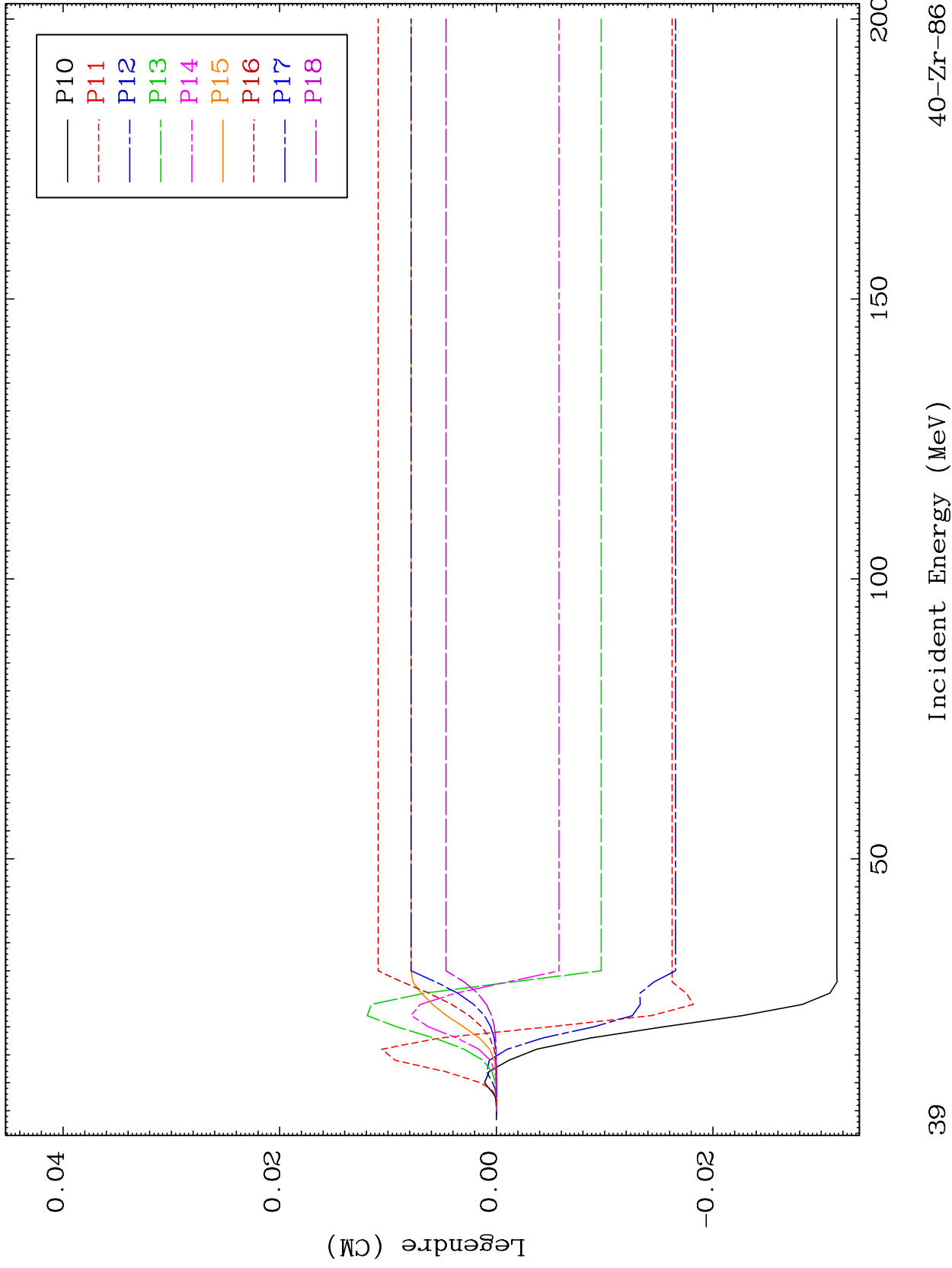




MAT 4013

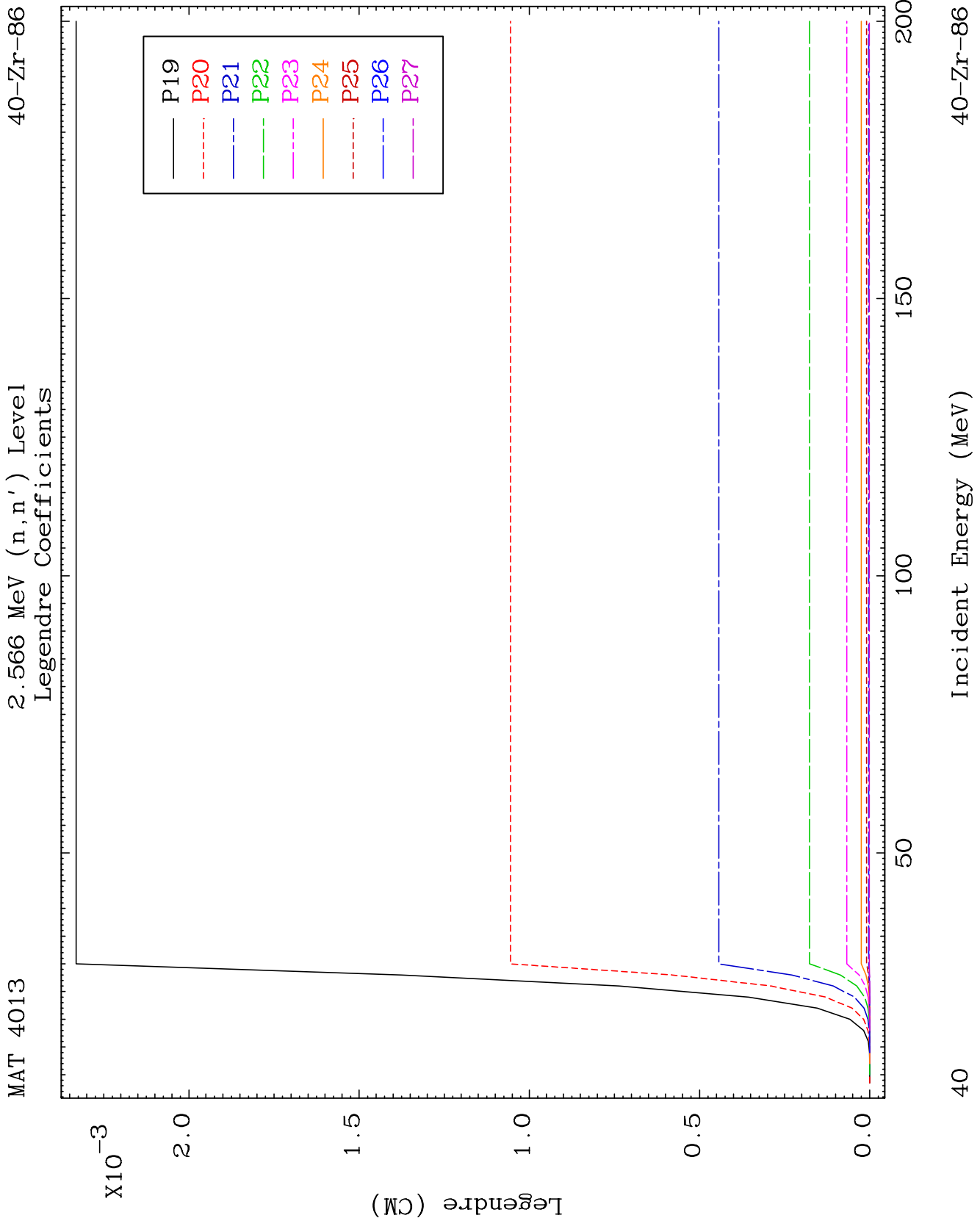
2.566 MeV (n,n') Level
Legendre Coefficients

40-Zr-86



39

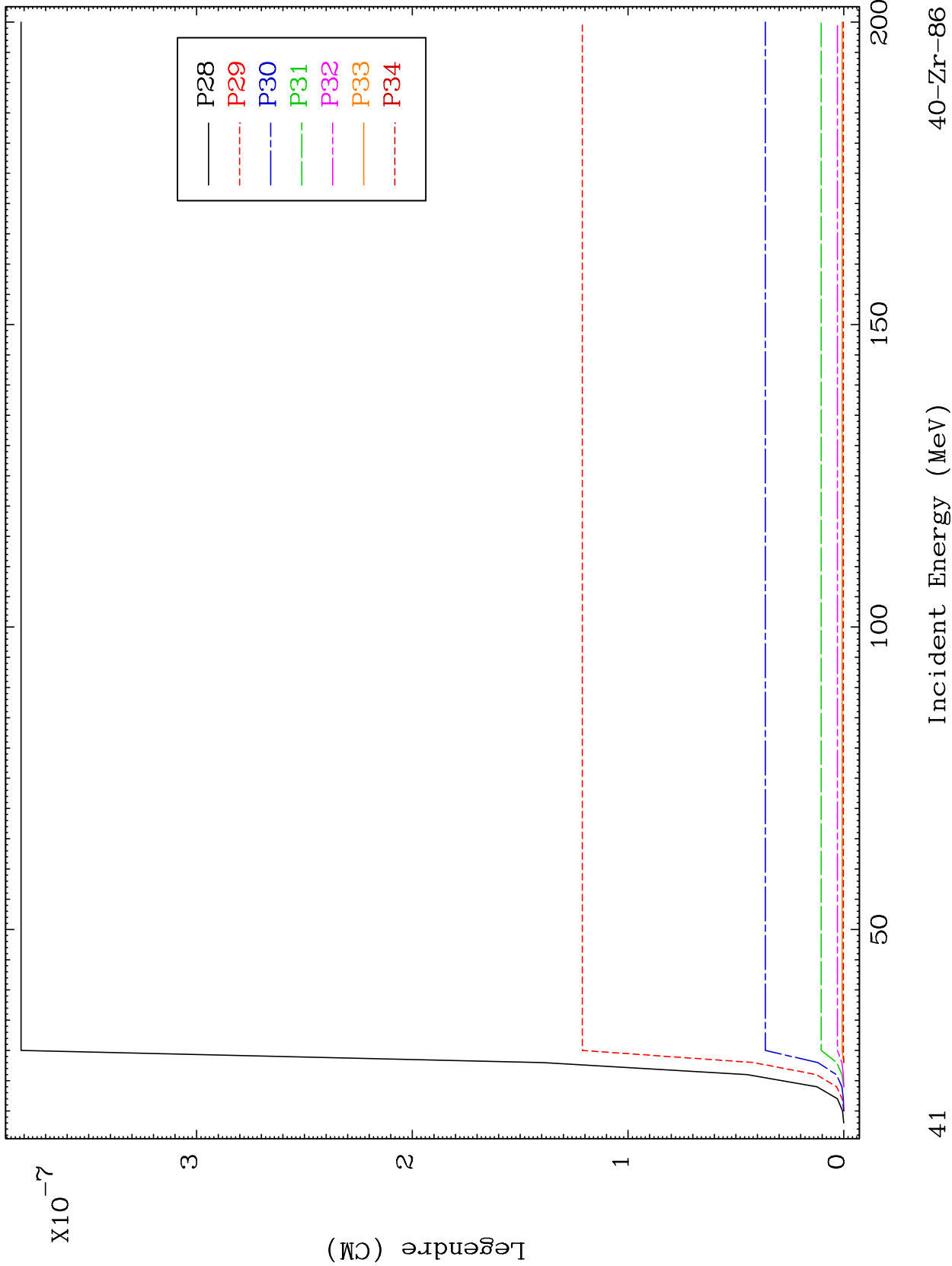
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MAT 4013

2.566 MeV (n,n') Level
Legendre Coefficients

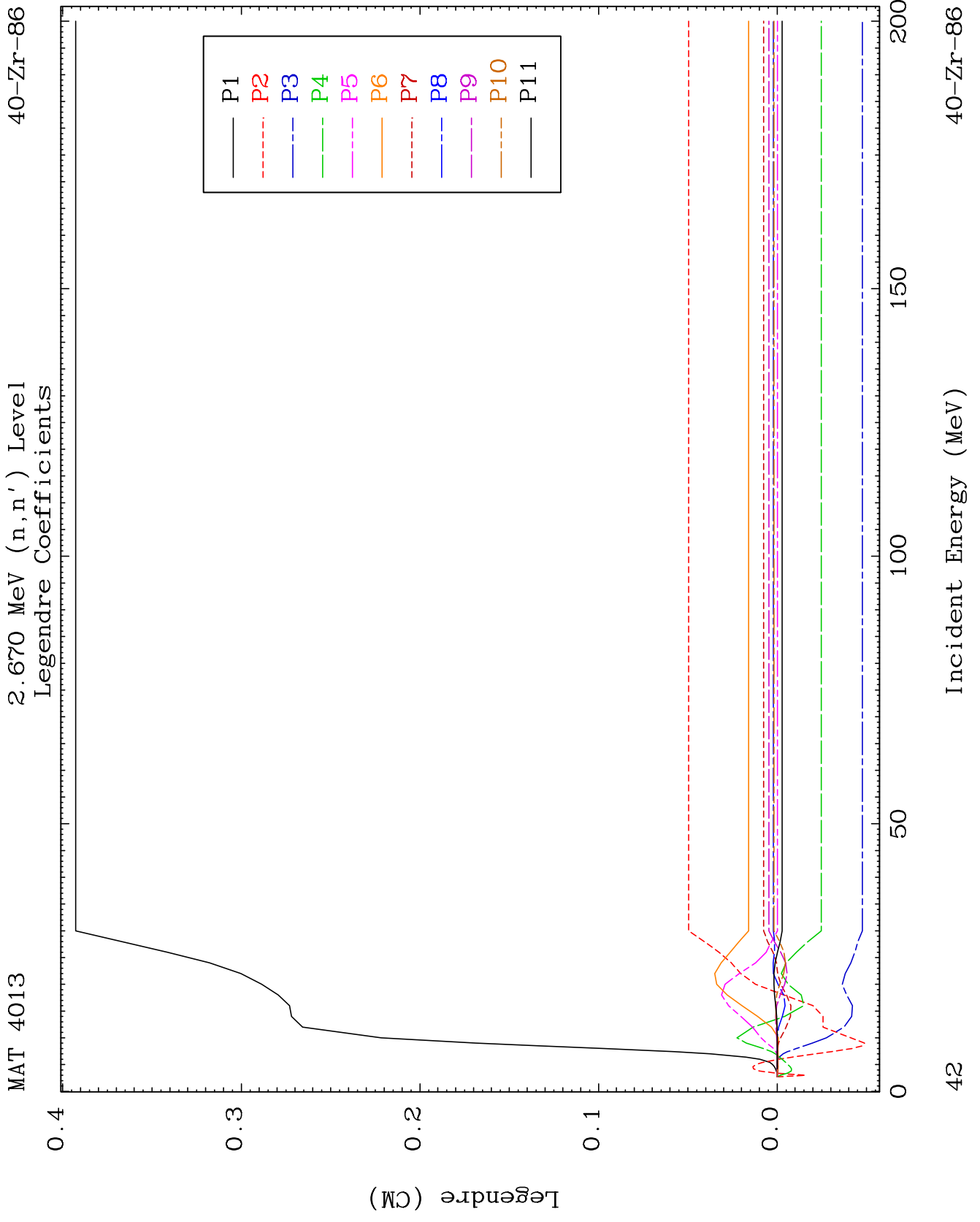
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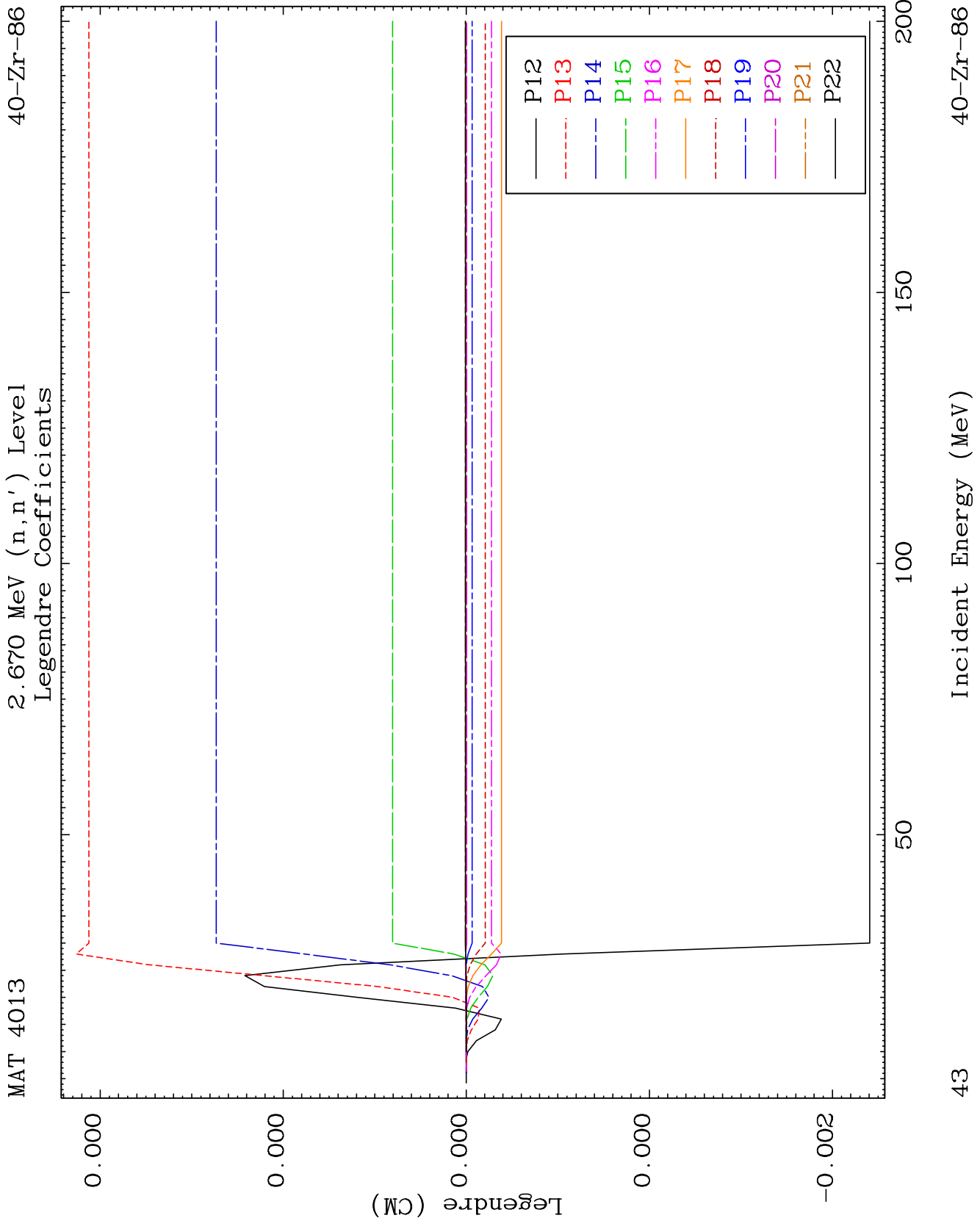


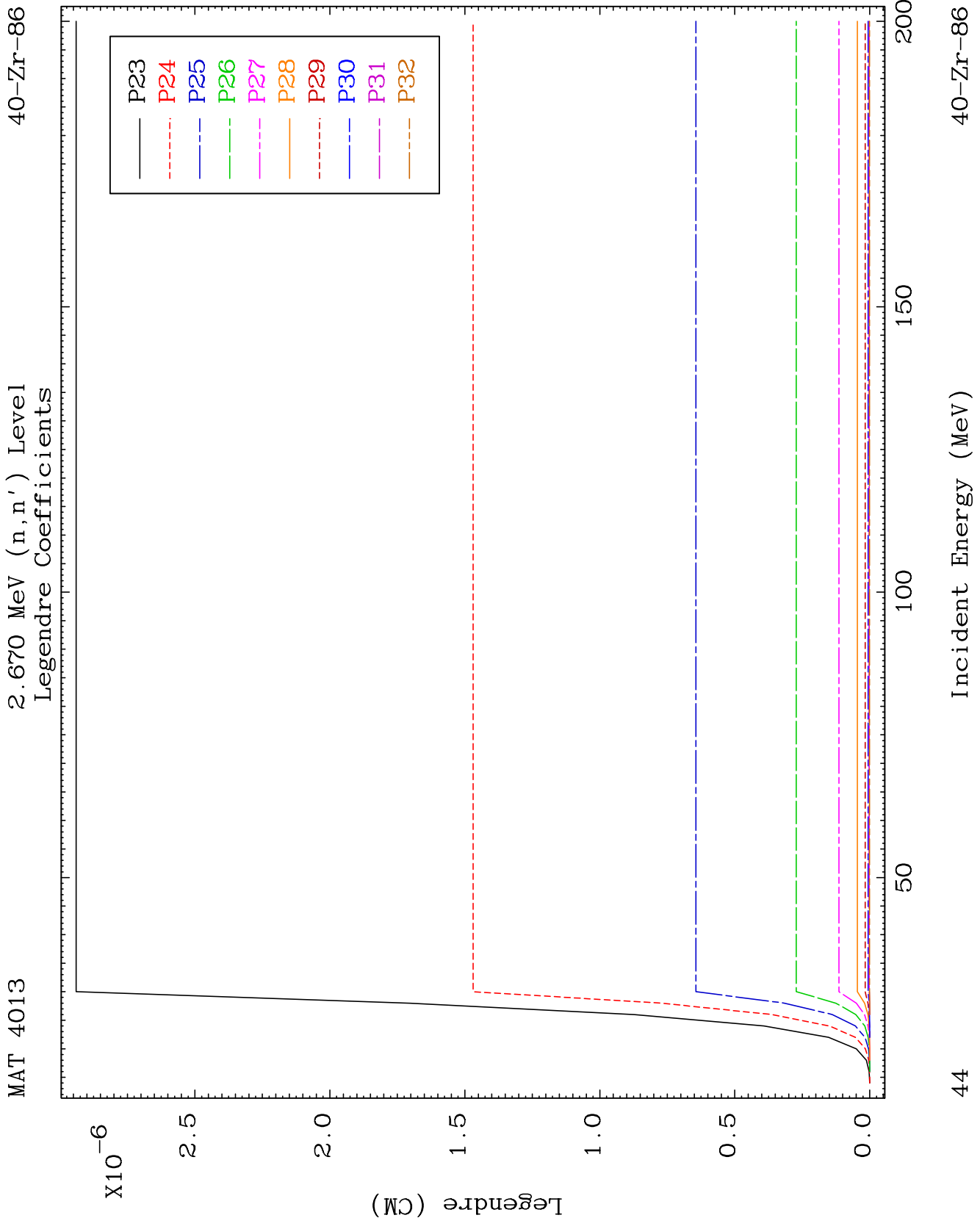
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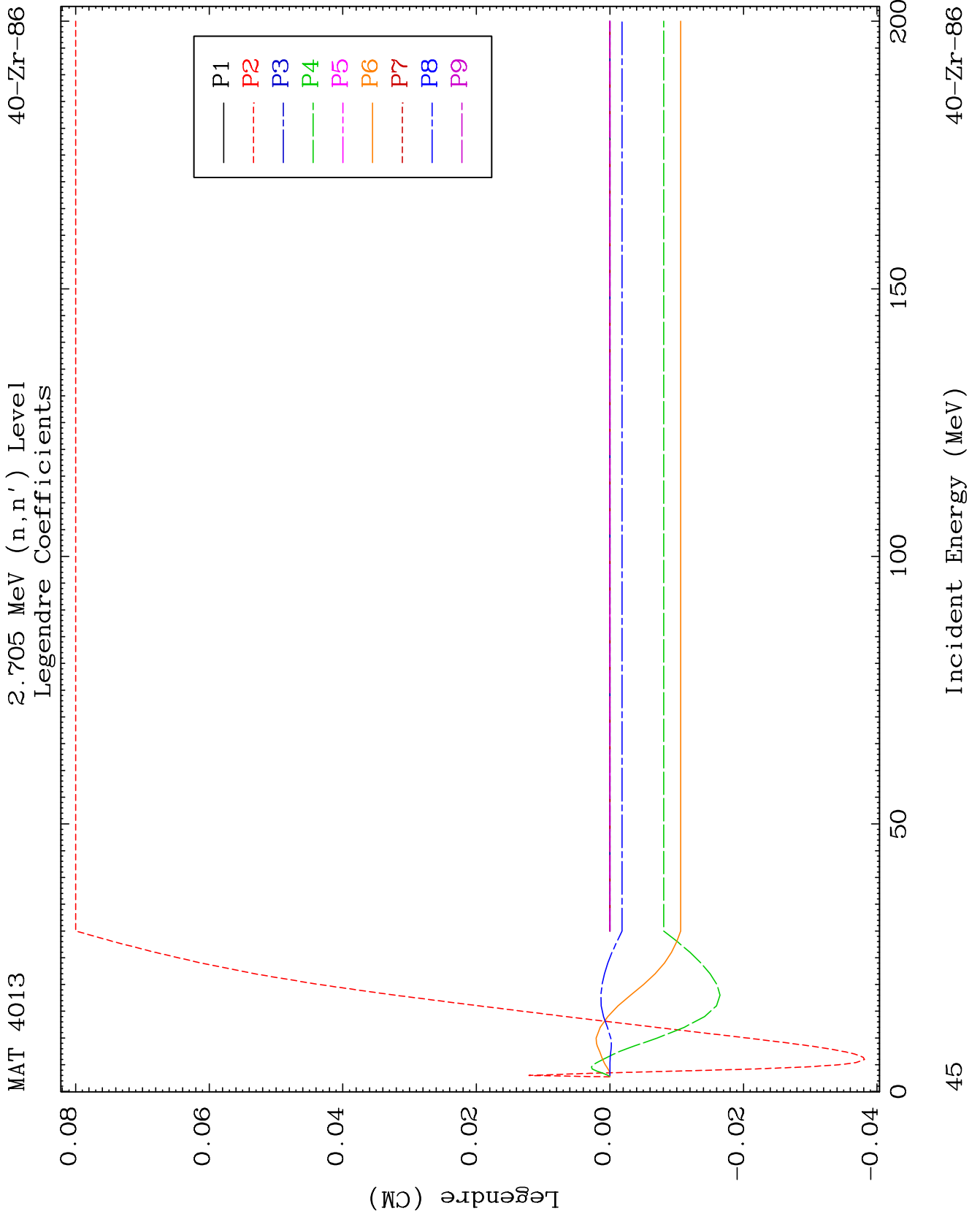
Incident Energy (MeV)

40-Zr-86





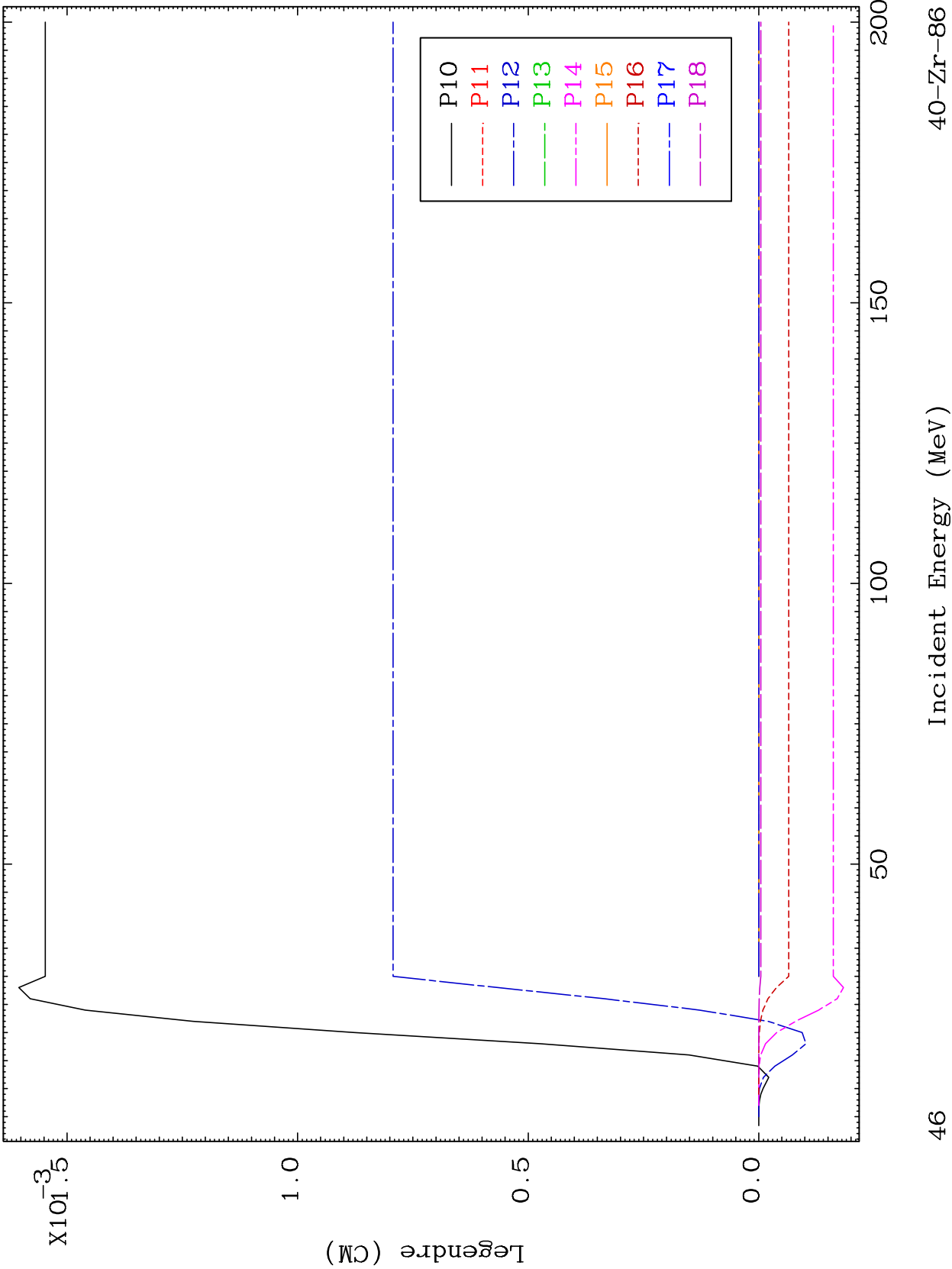




MAT 4013

2.705 MeV (n,n') Level
Legendre Coefficients

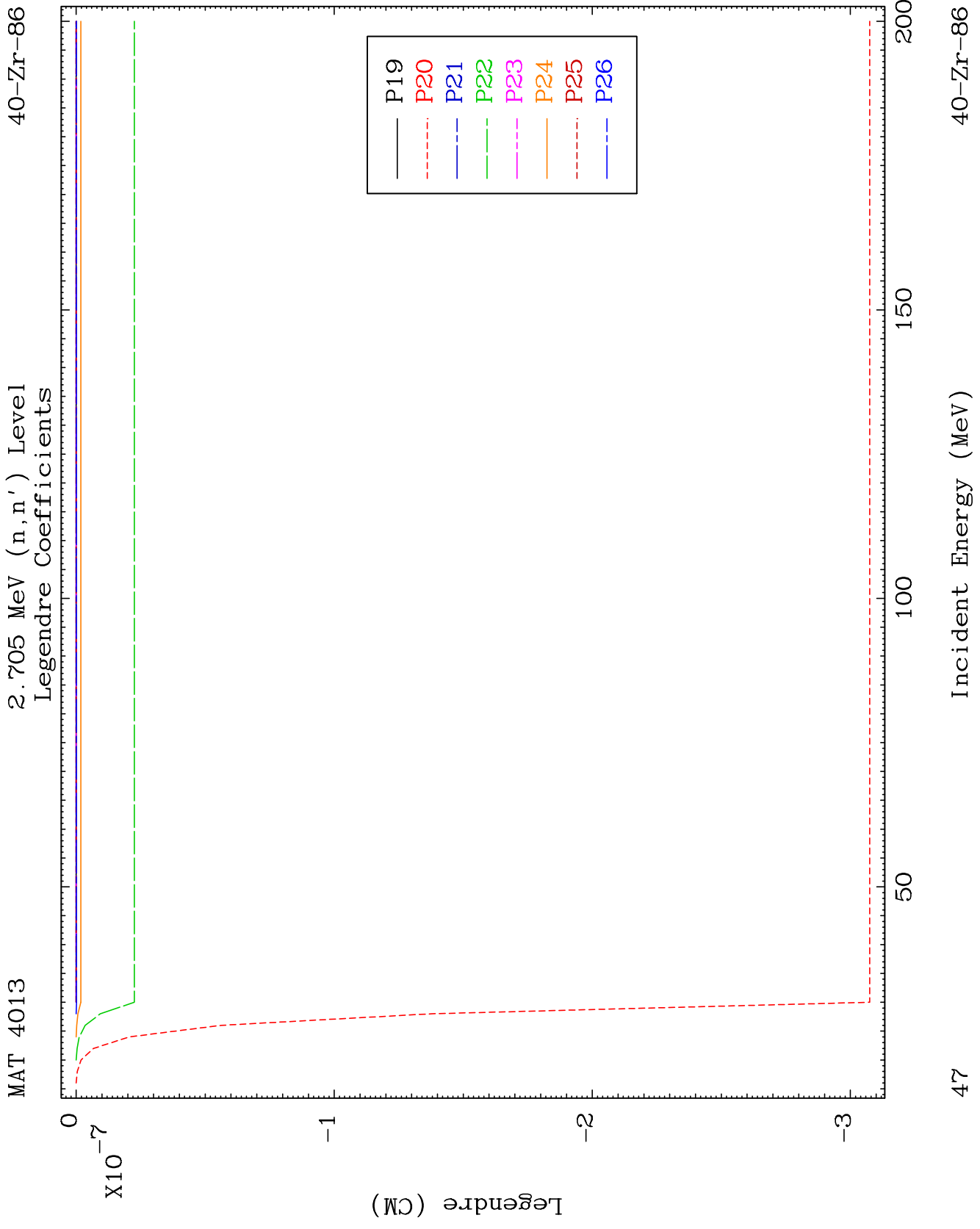
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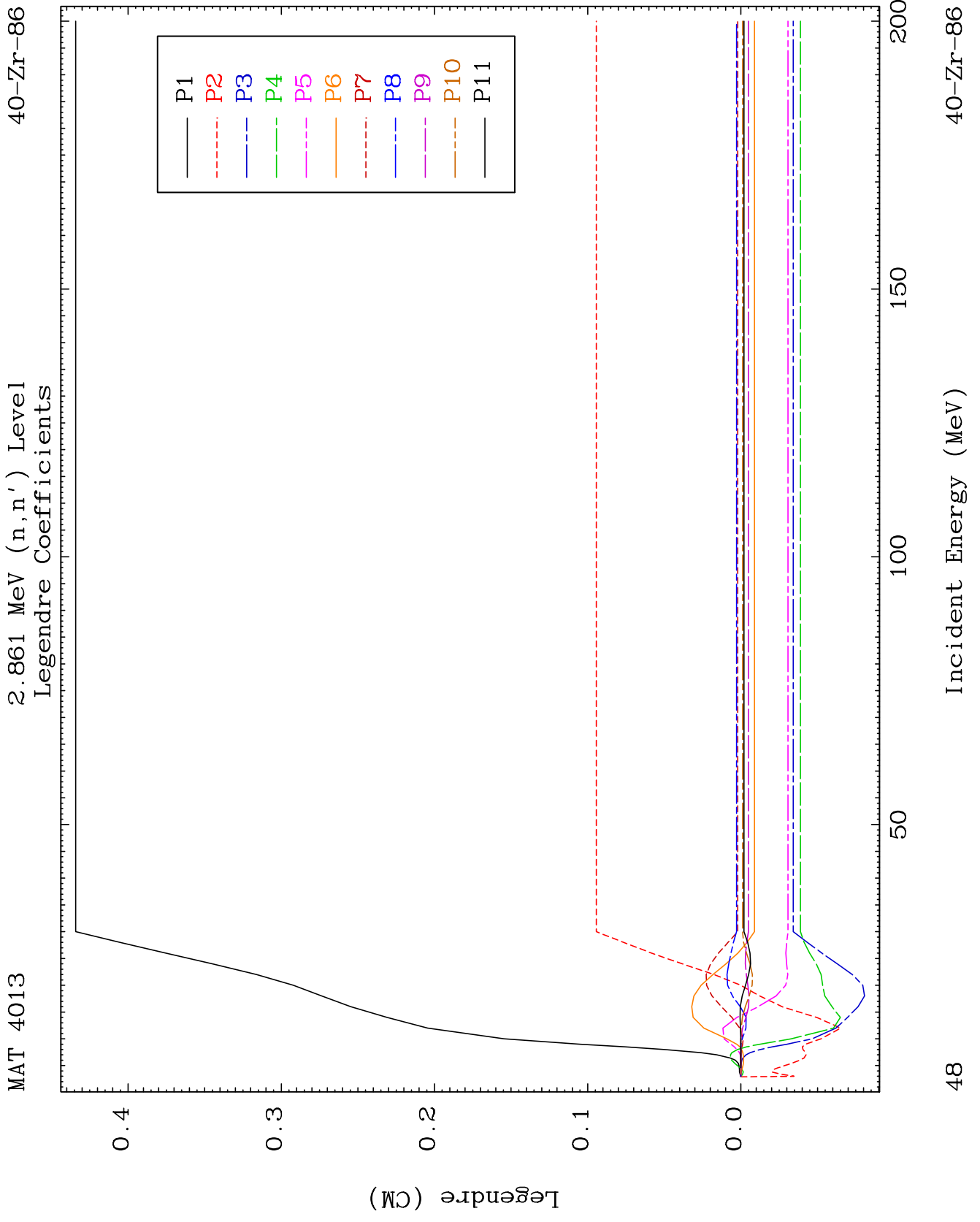


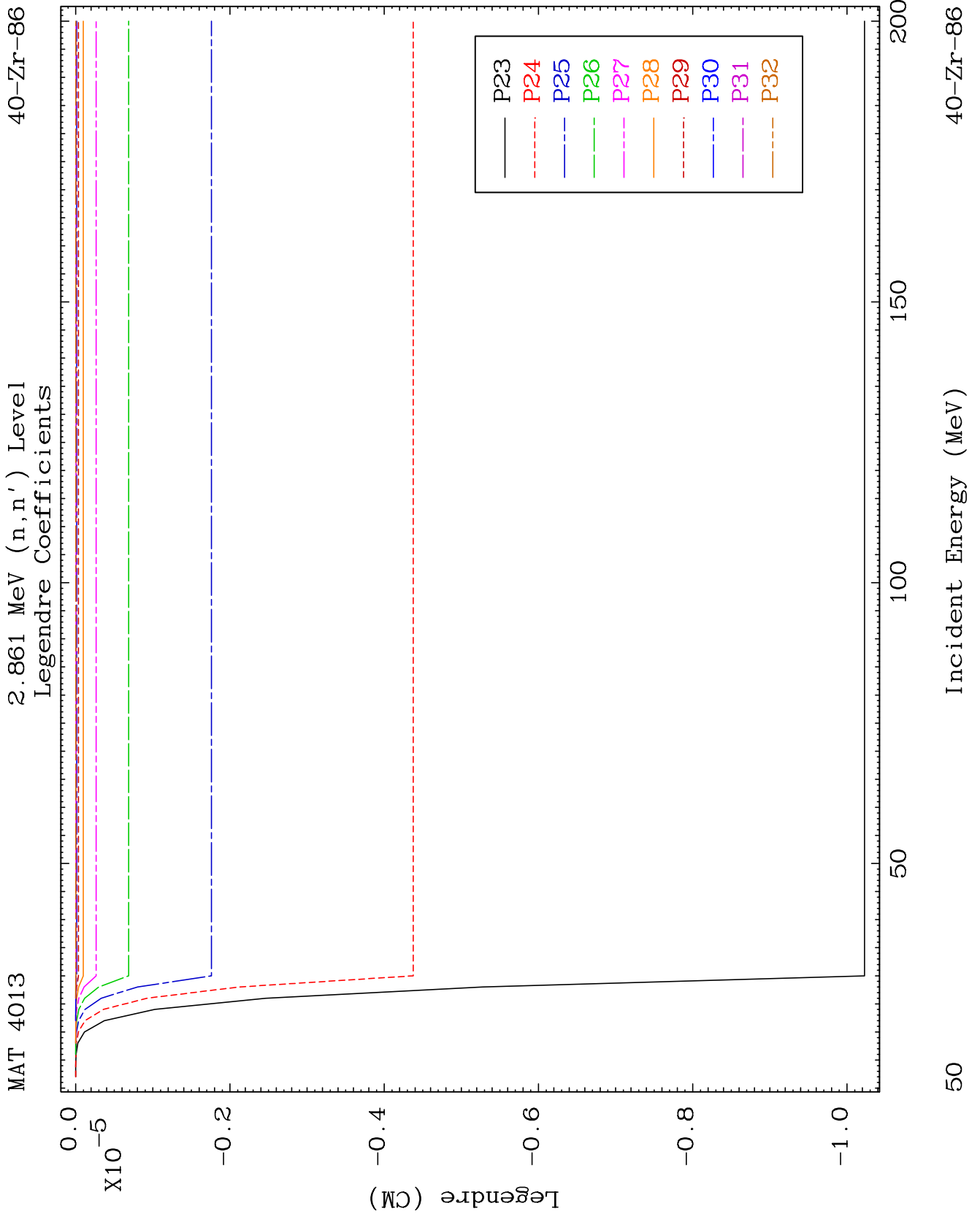
46

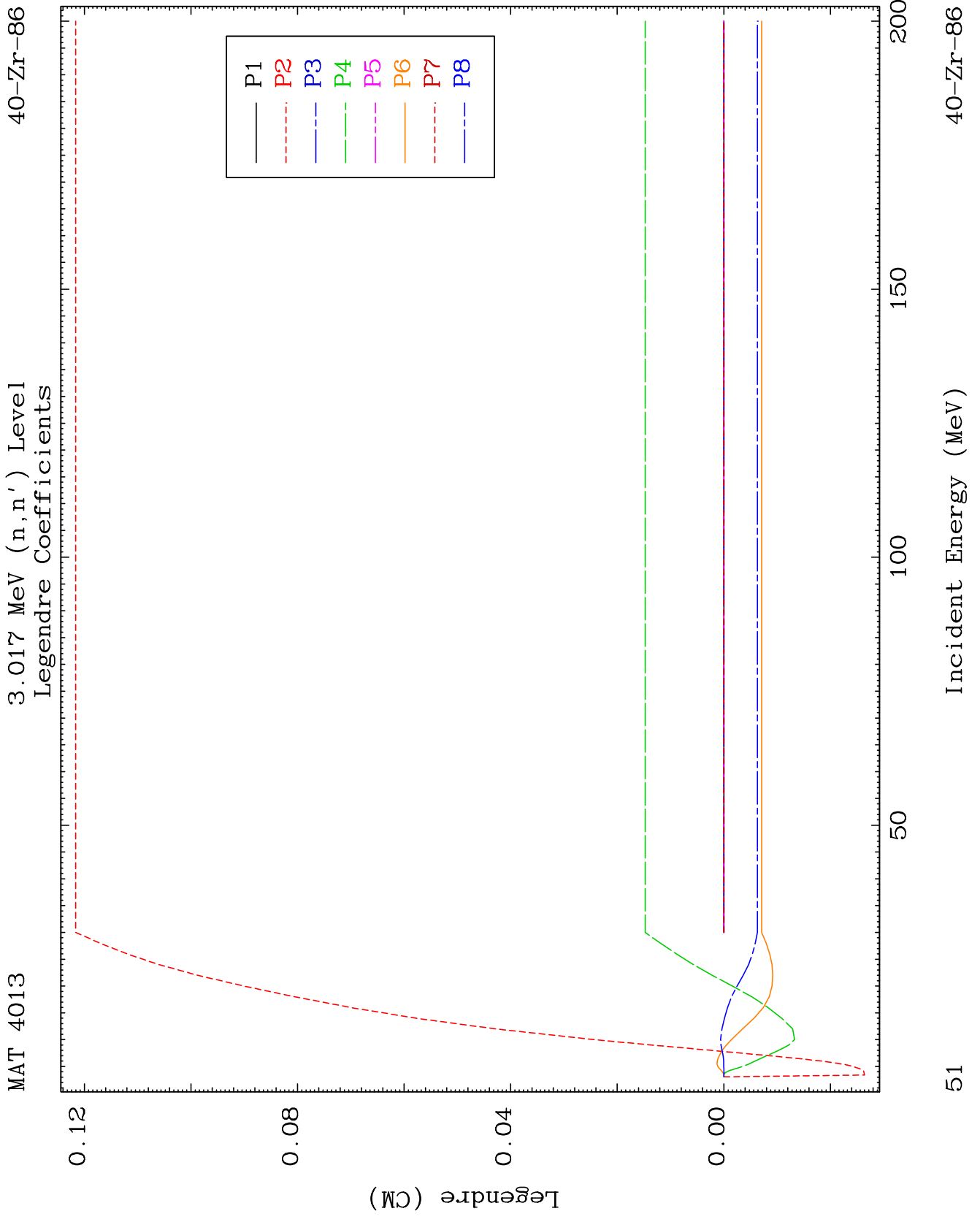
Incident Energy (MeV)

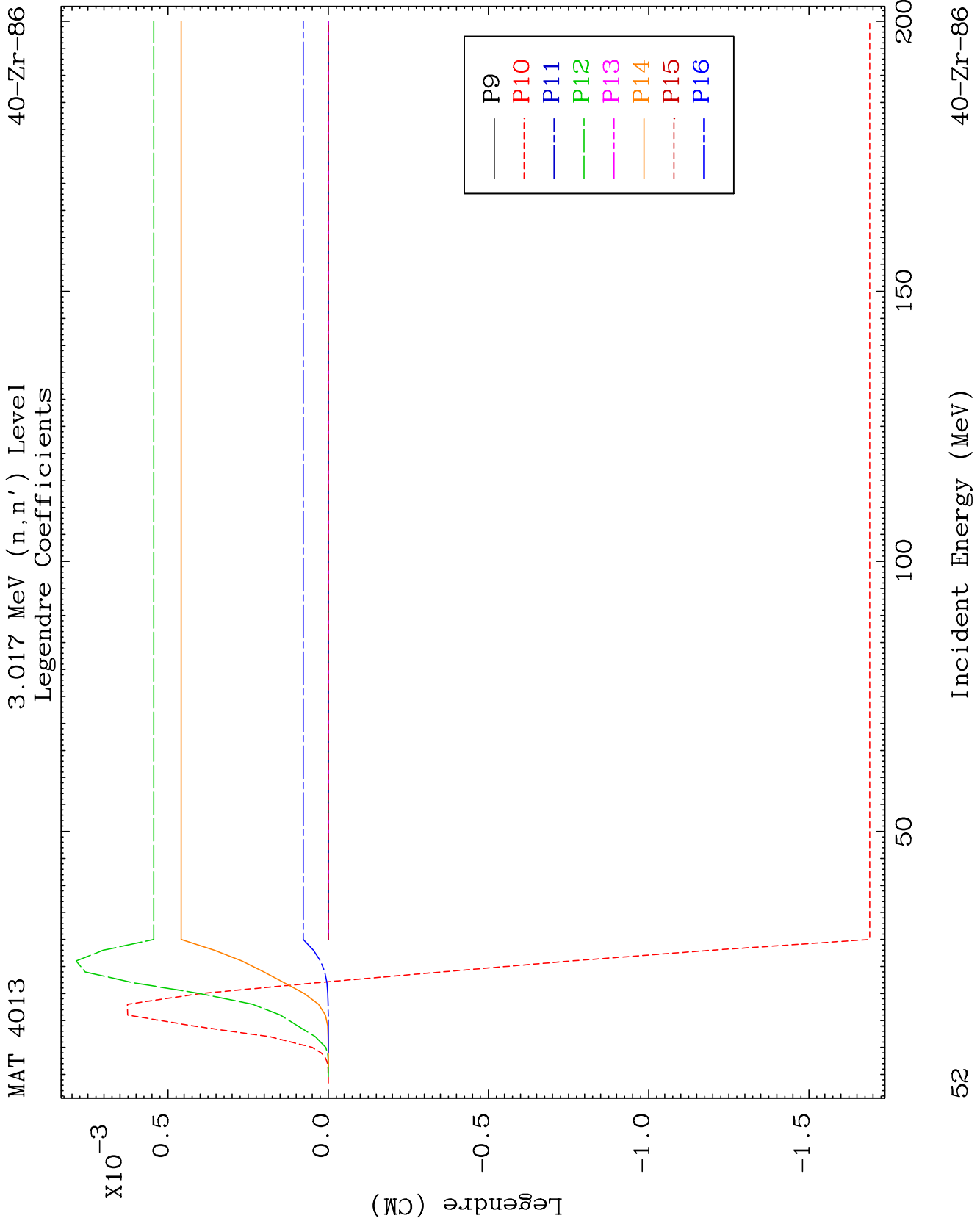
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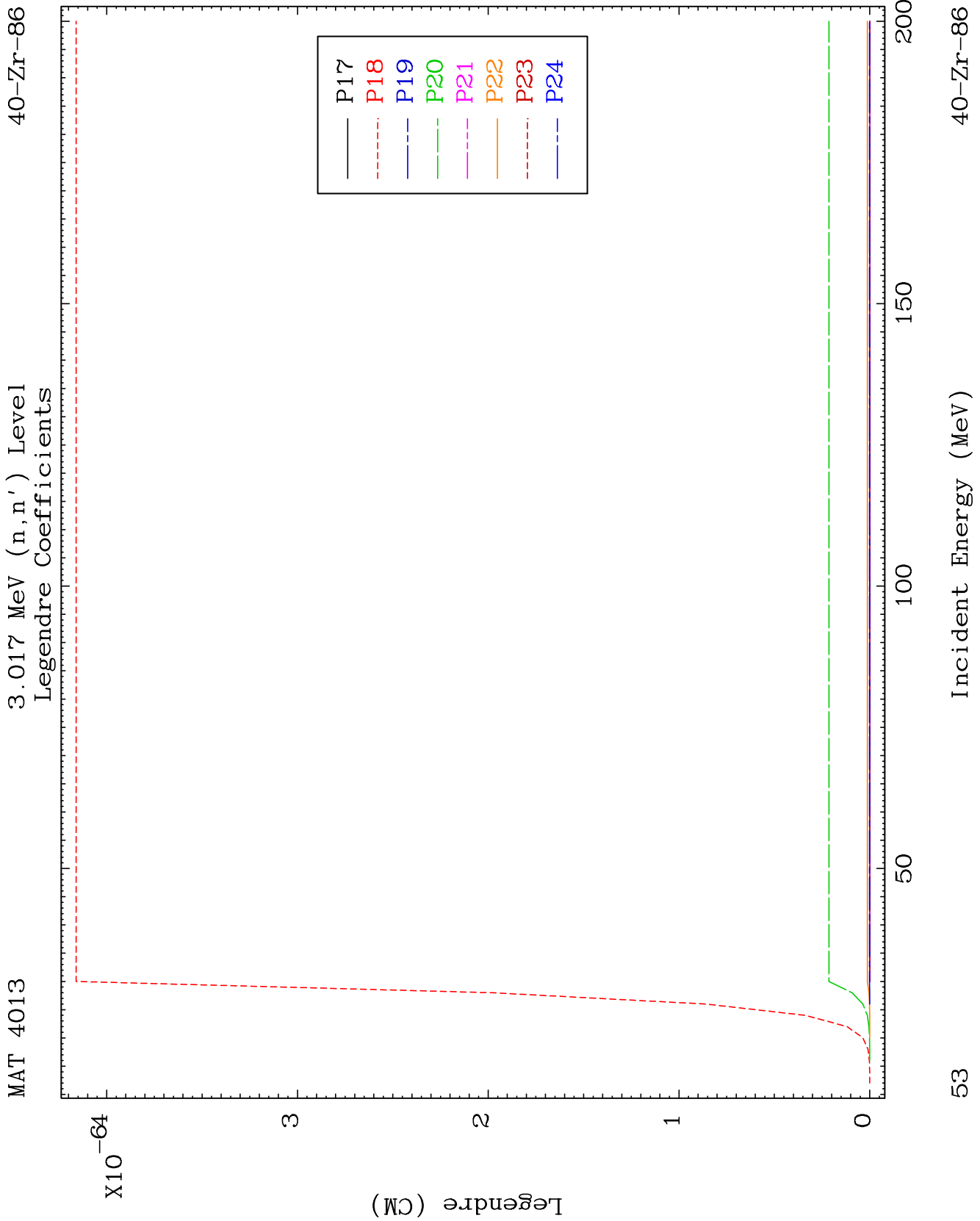


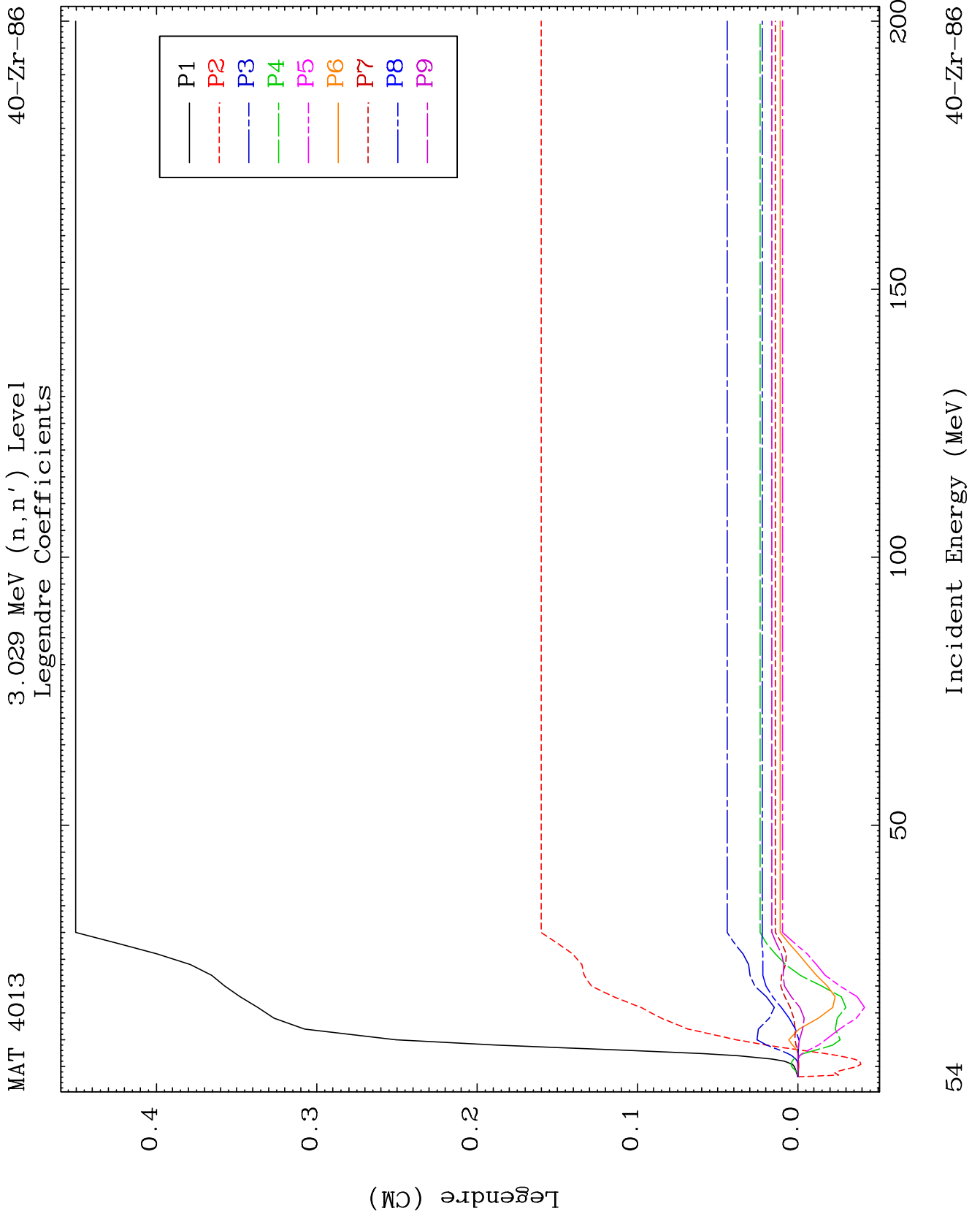


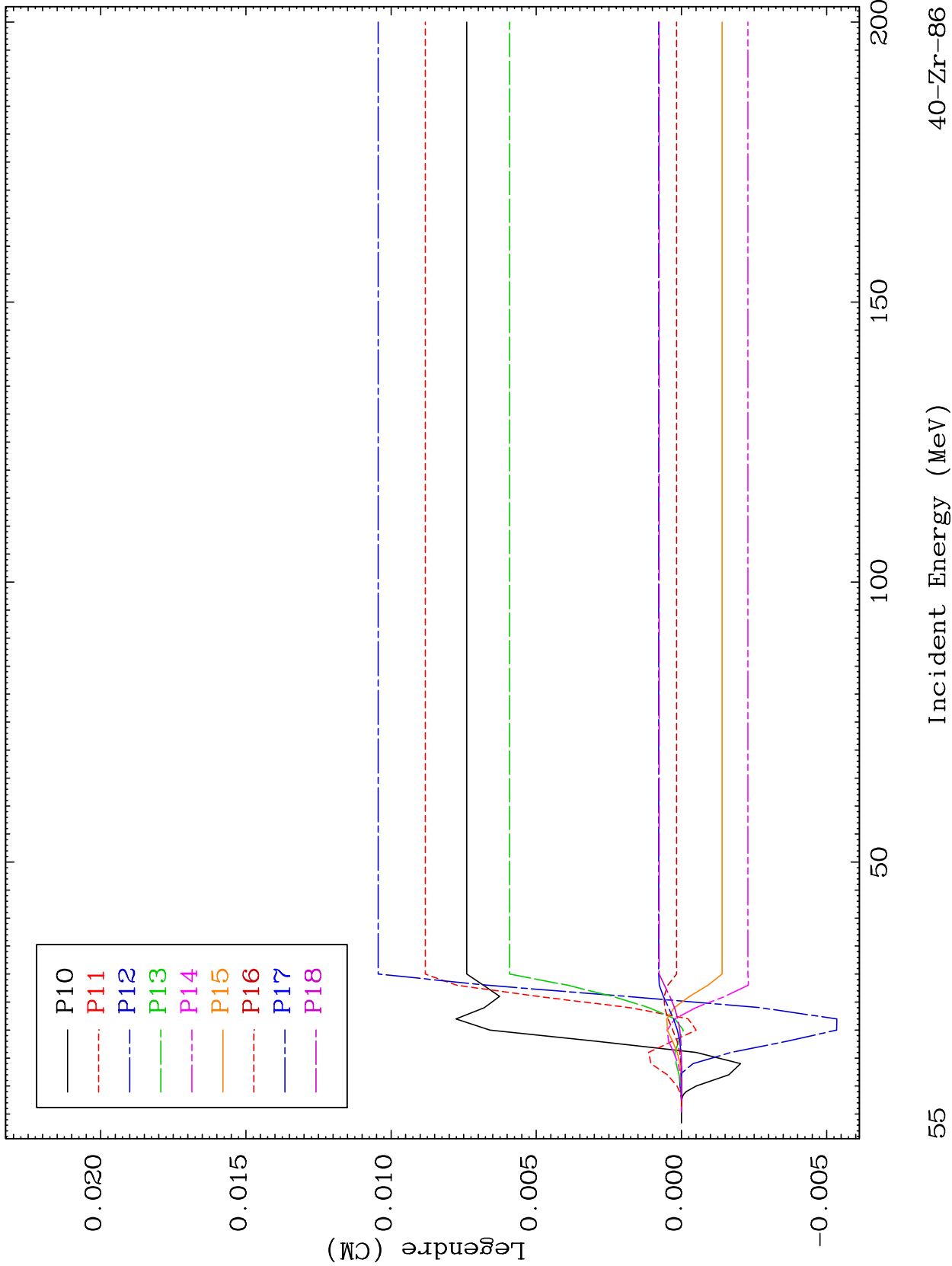


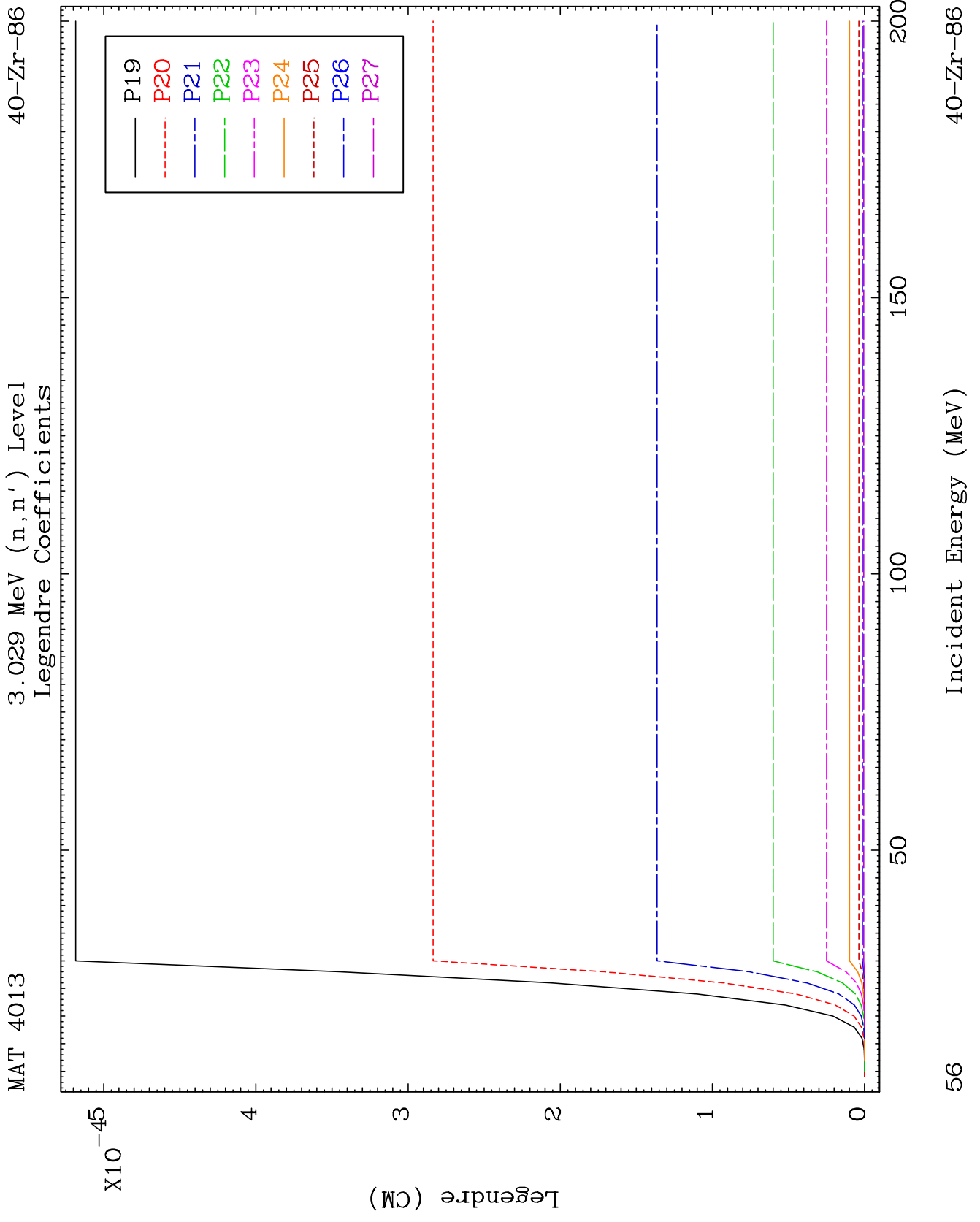


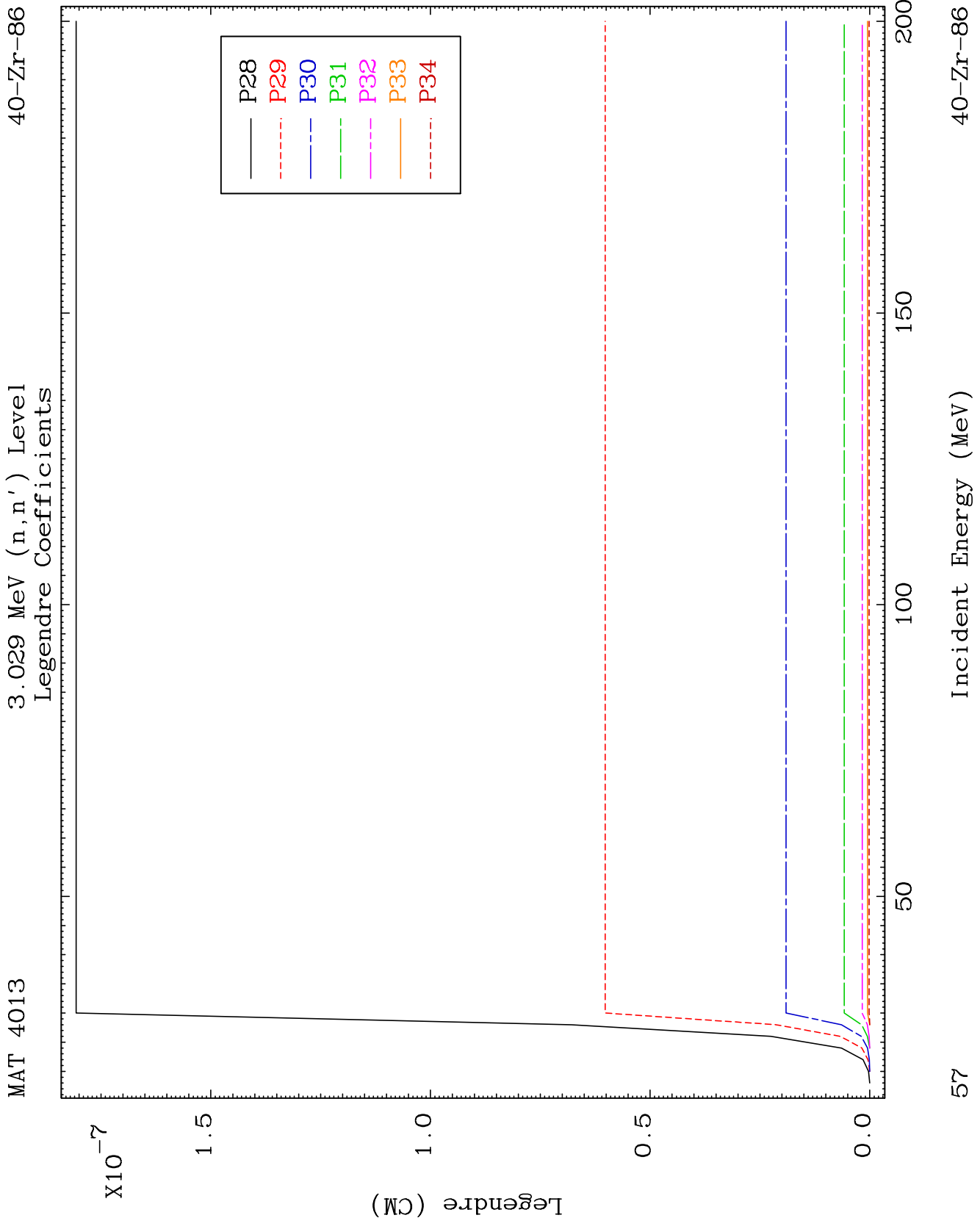








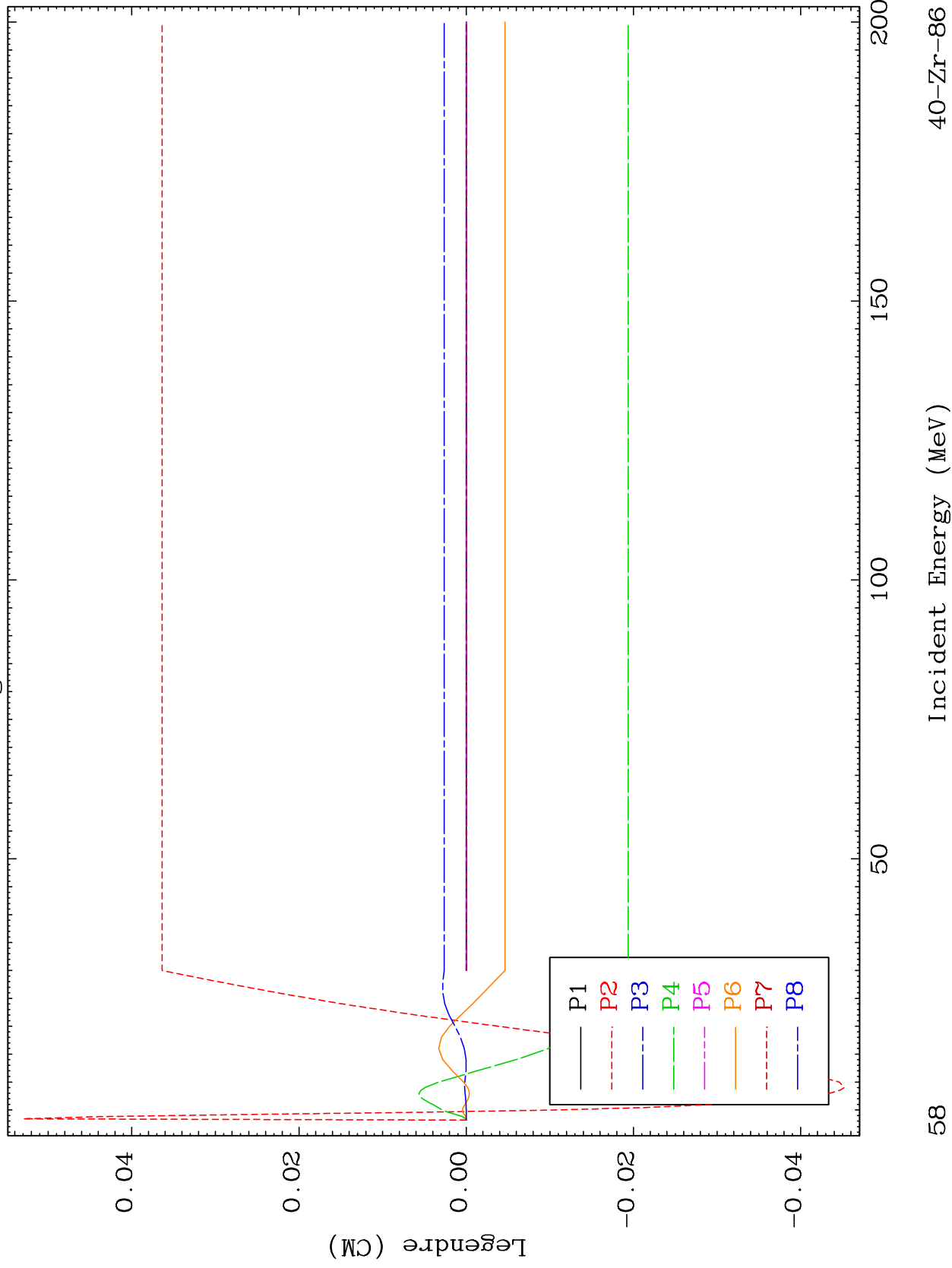




MAT 4013

3.142 MeV (n,n') Level
Legendre Coefficients

40-Zr-86



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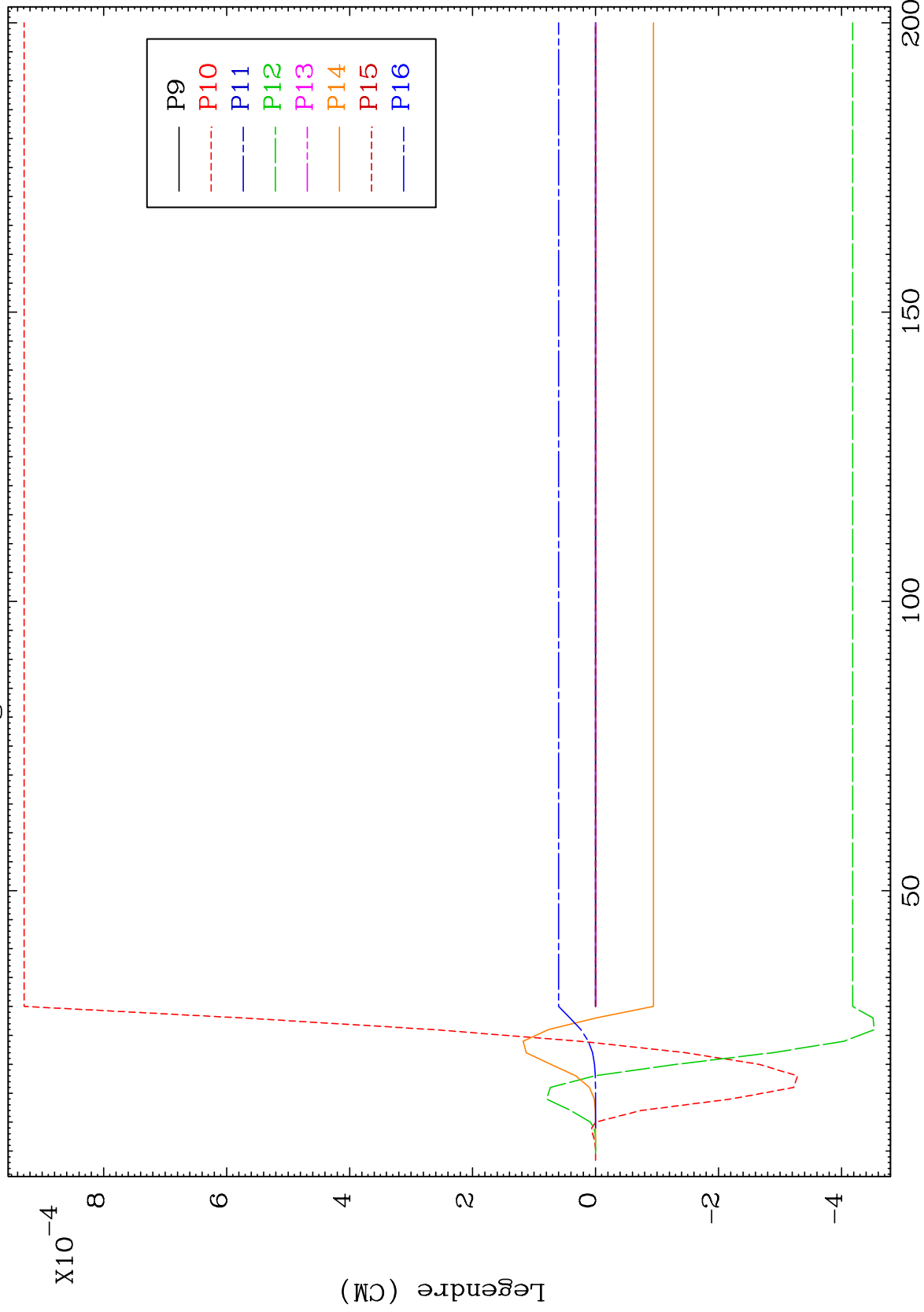
Incident Energy (MeV)

40-Zr-86

MAT 4013

3.142 MeV (n, n') Level
Legendre Coefficients

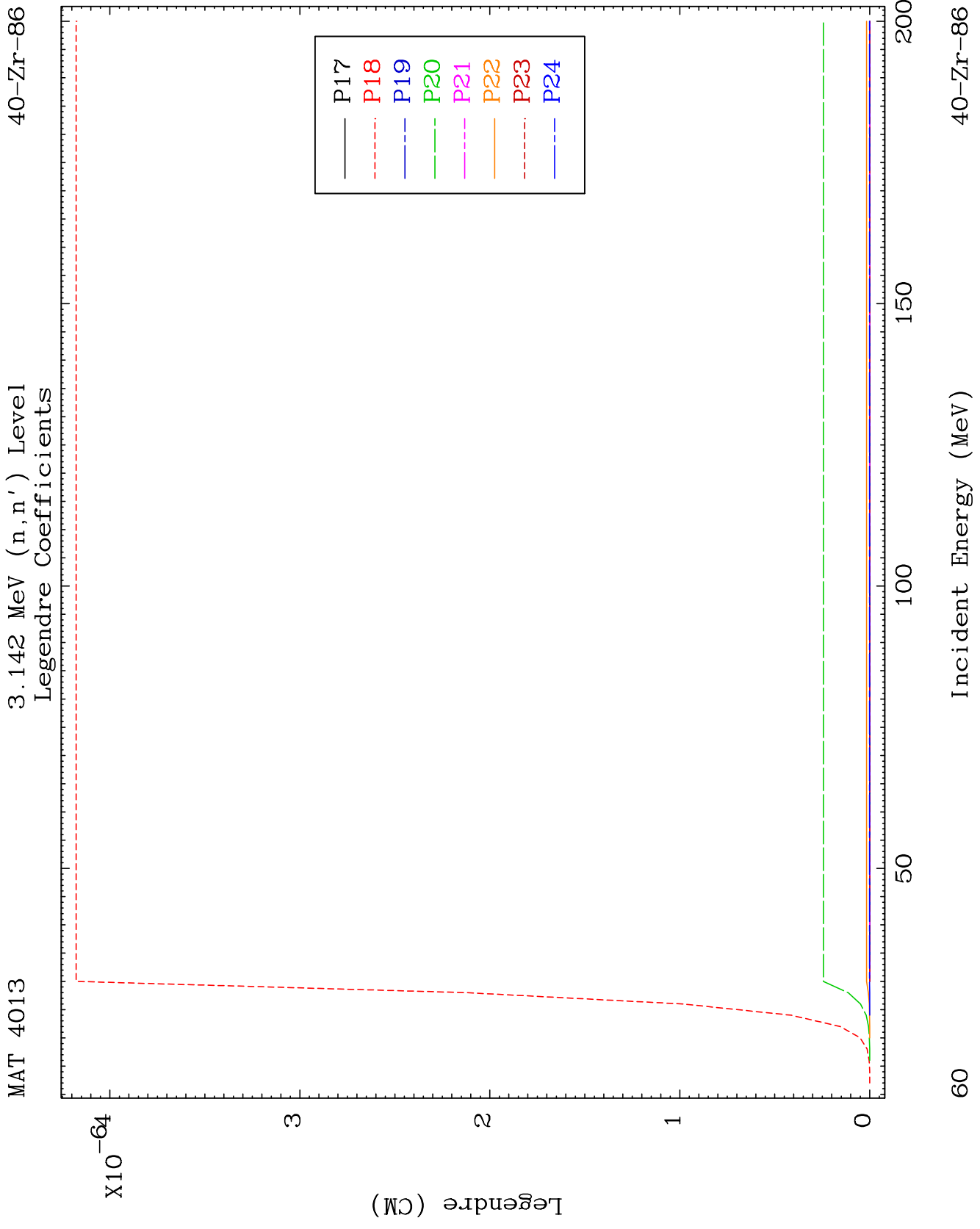
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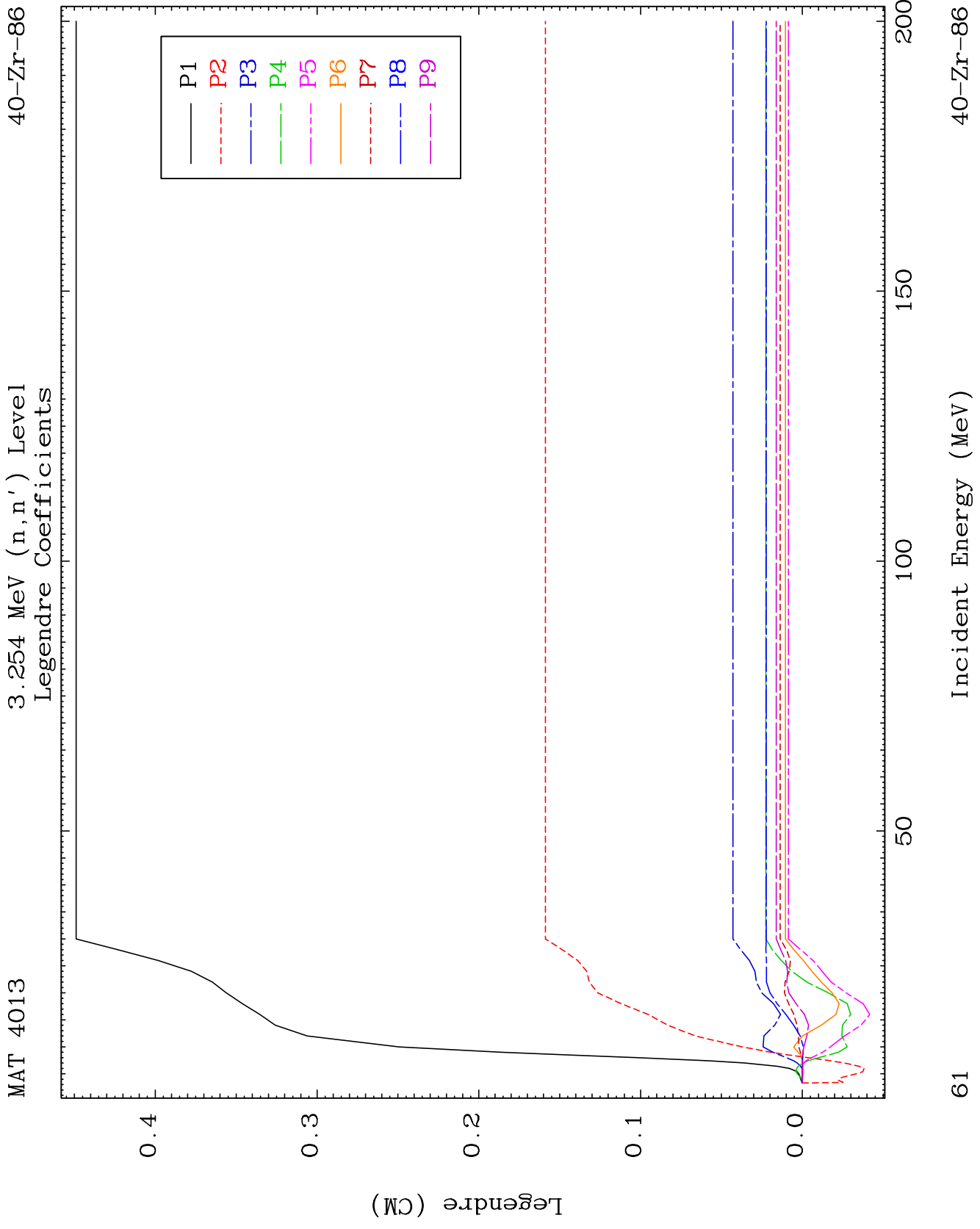


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Incident Energy (MeV)

40-Zr-86

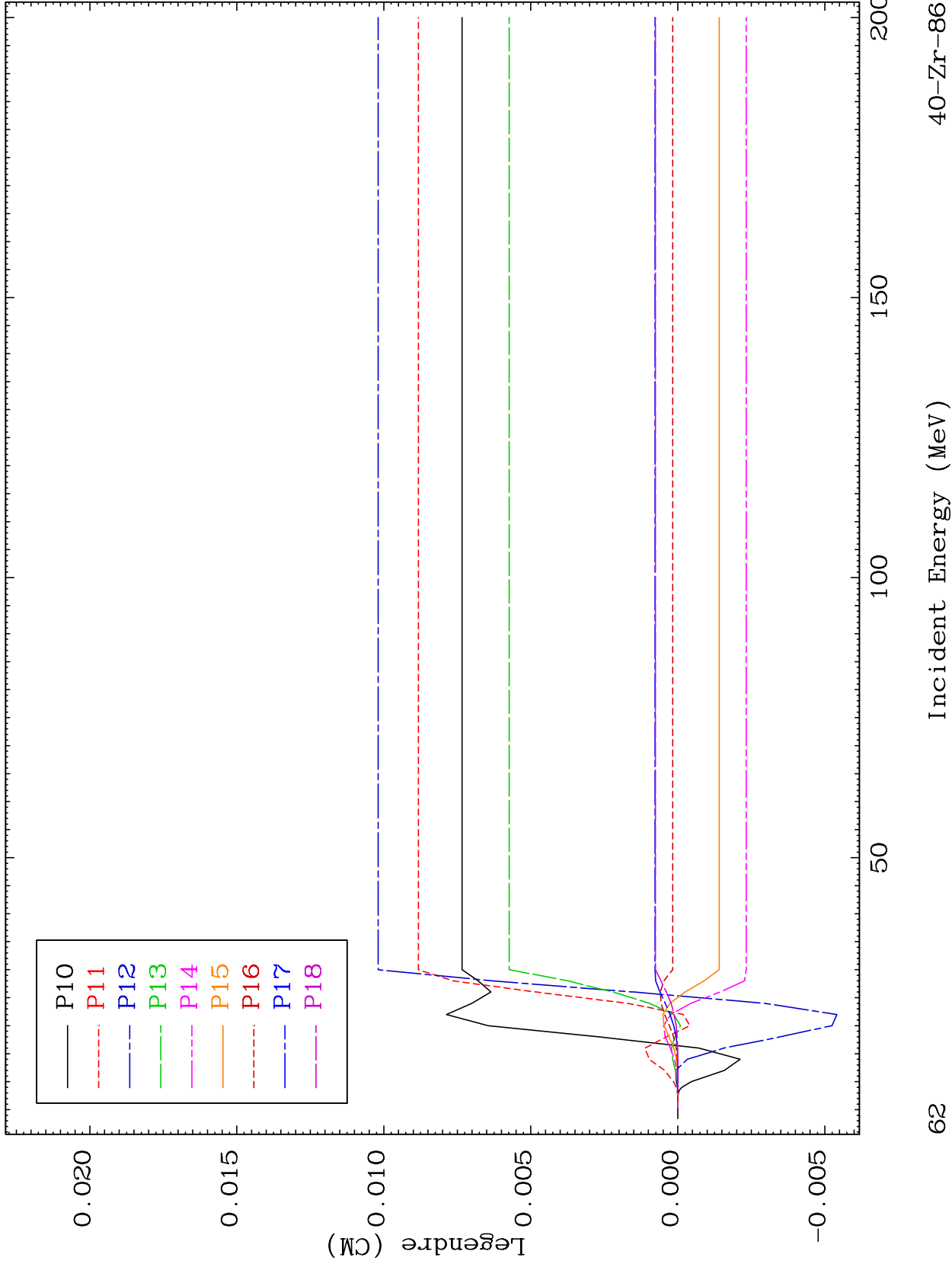




MAT 4013

3.254 MeV (n,n') Level
Legendre Coefficients

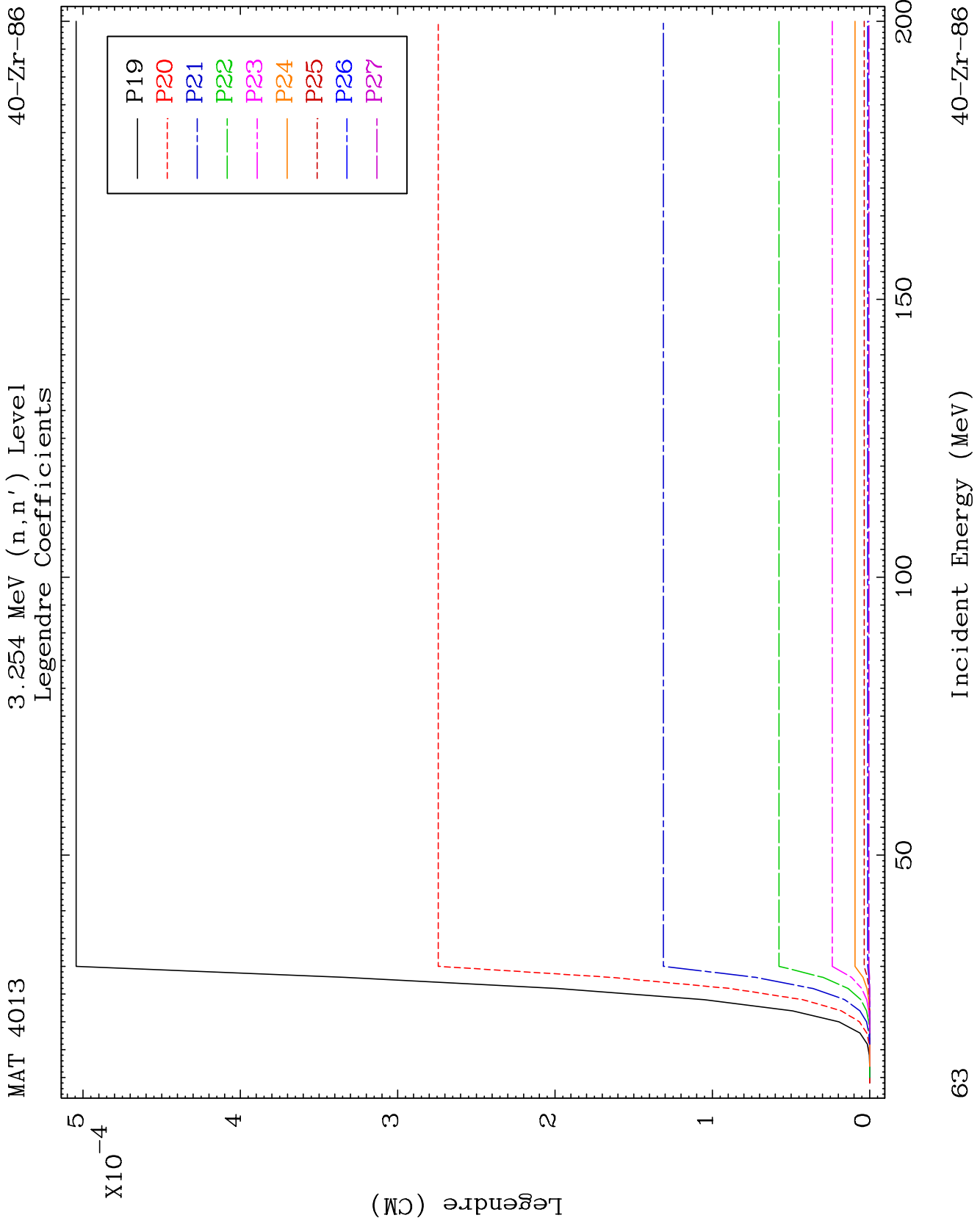
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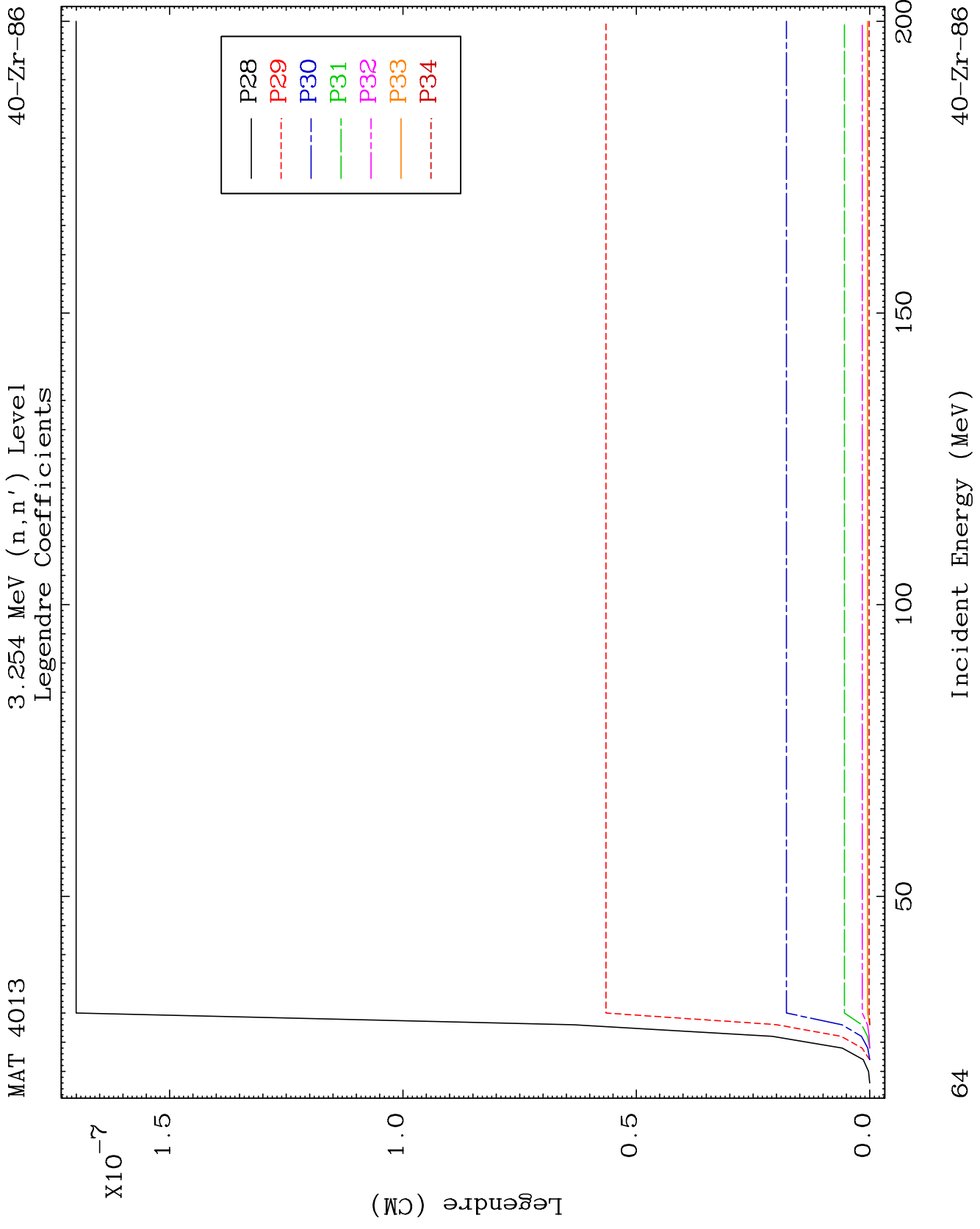


62

Incident Energy (MeV)

40-Zr-86

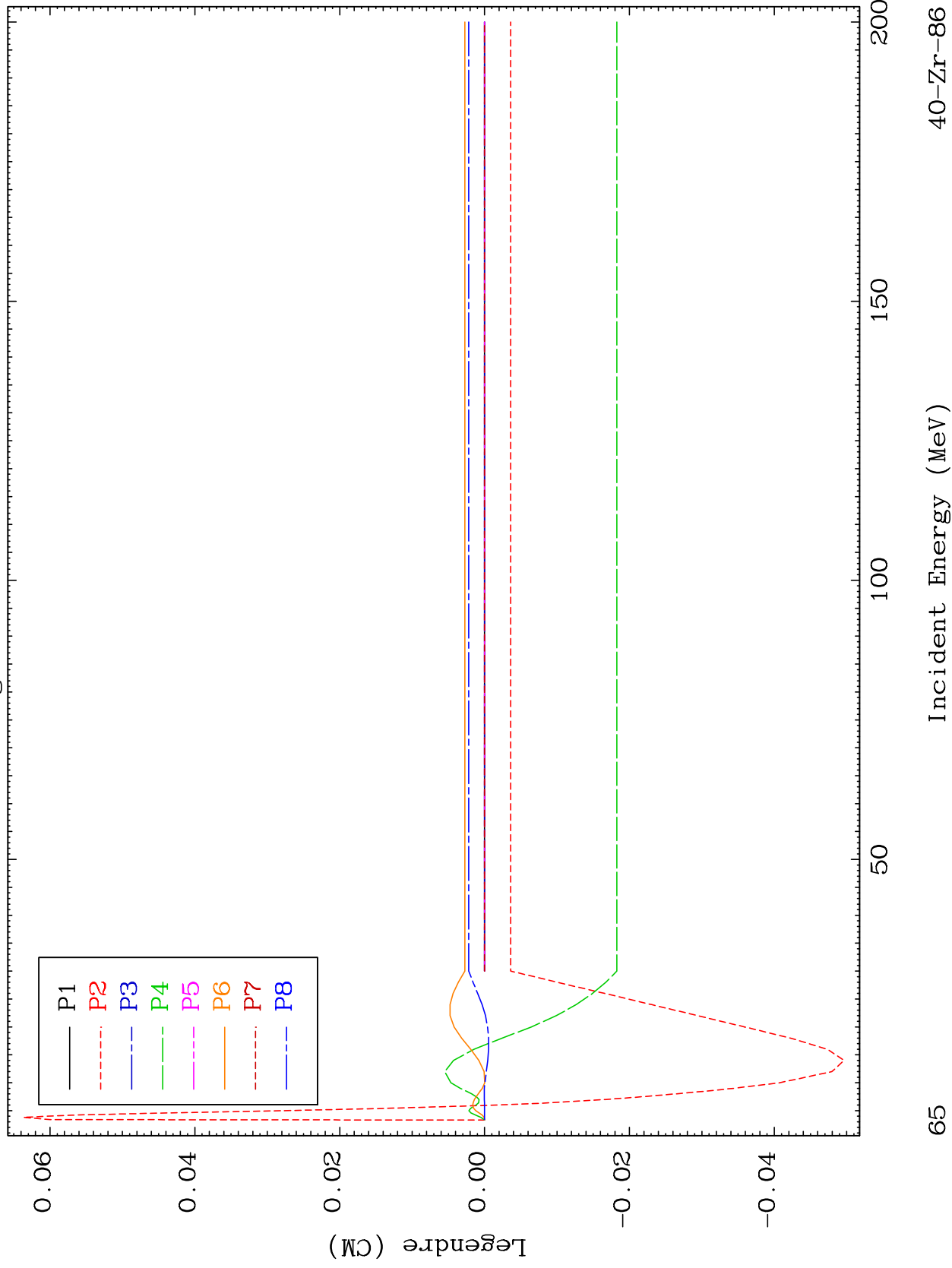




MAT 4013

3.272 MeV (n,n') Level
Legendre Coefficients

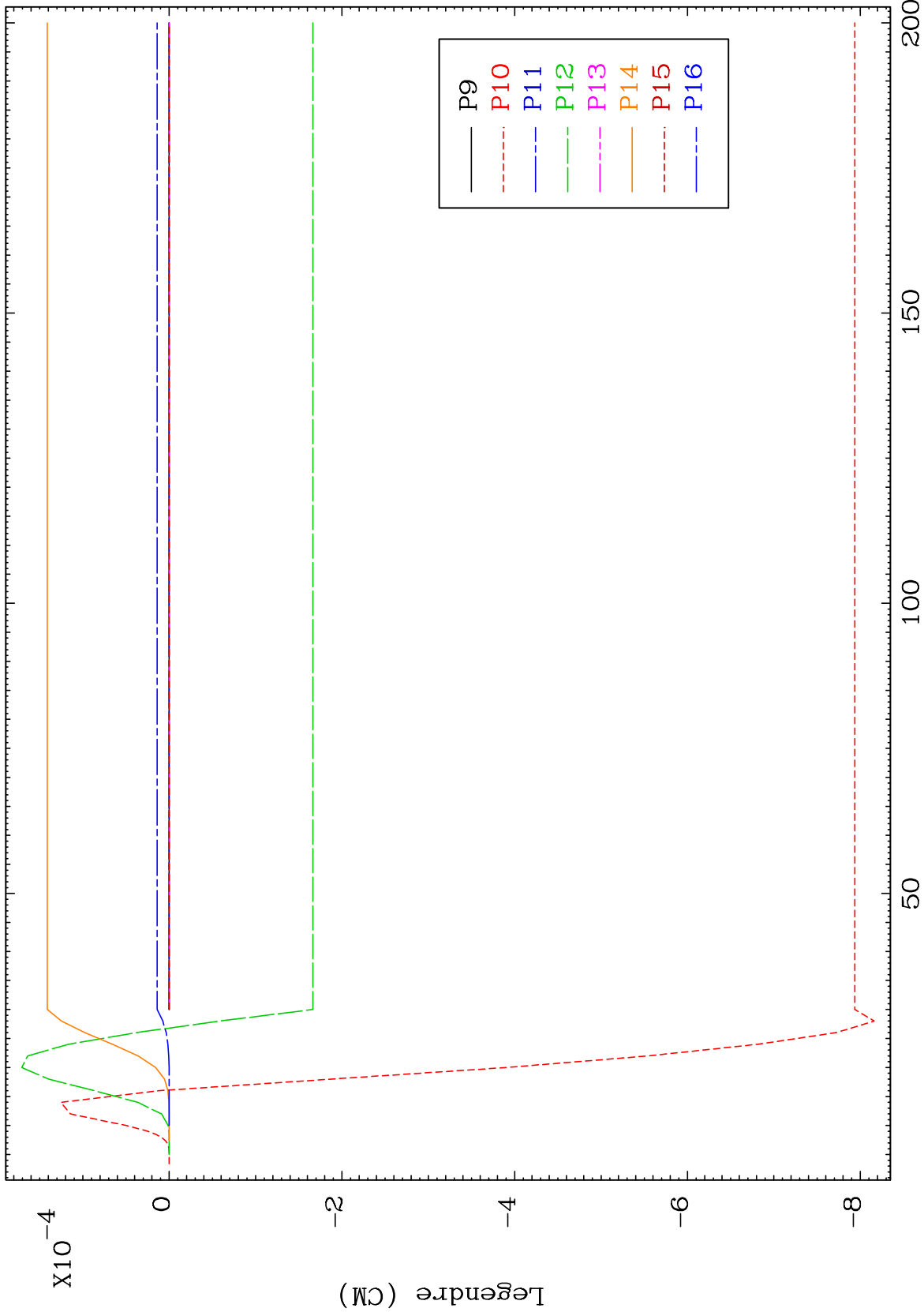
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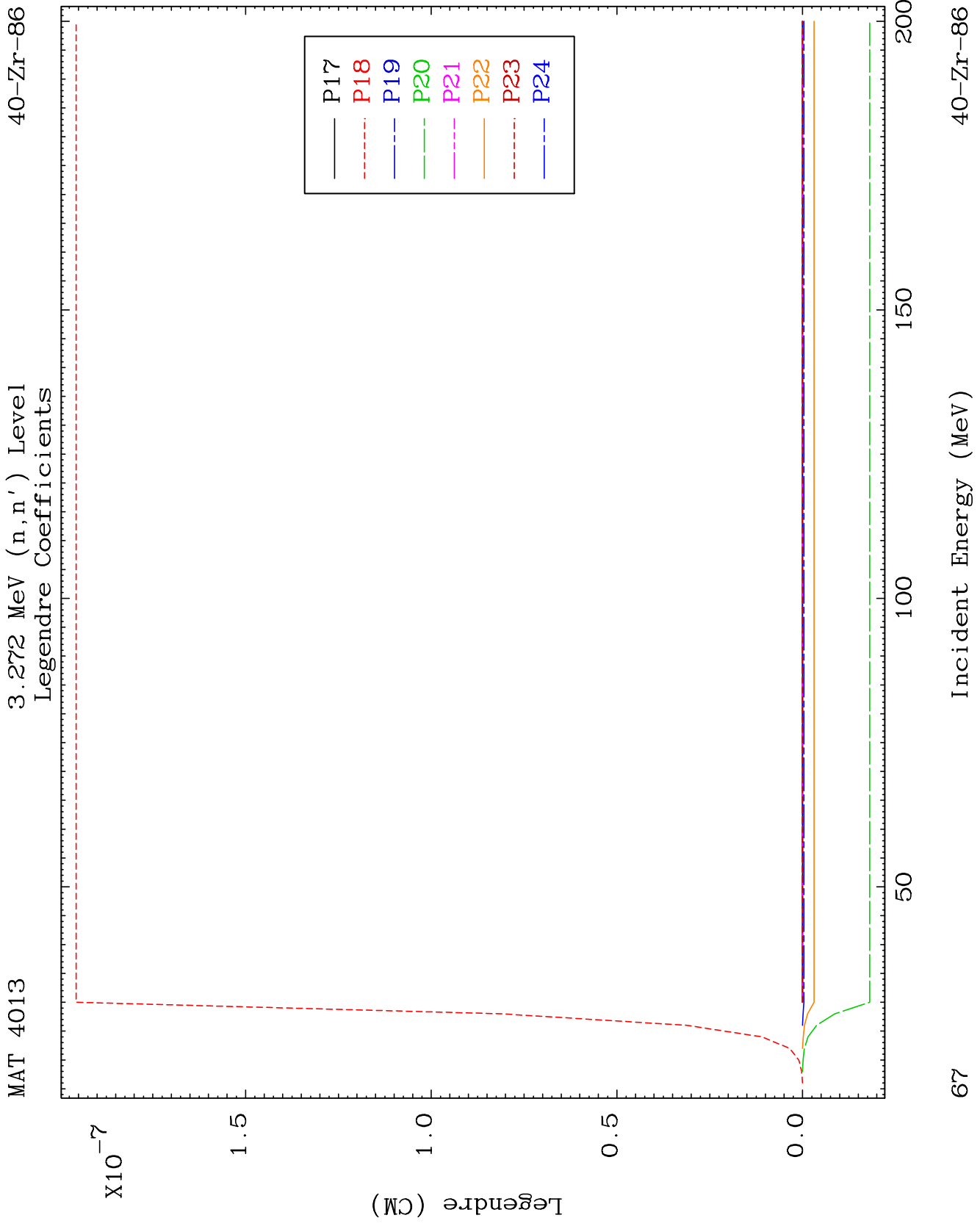


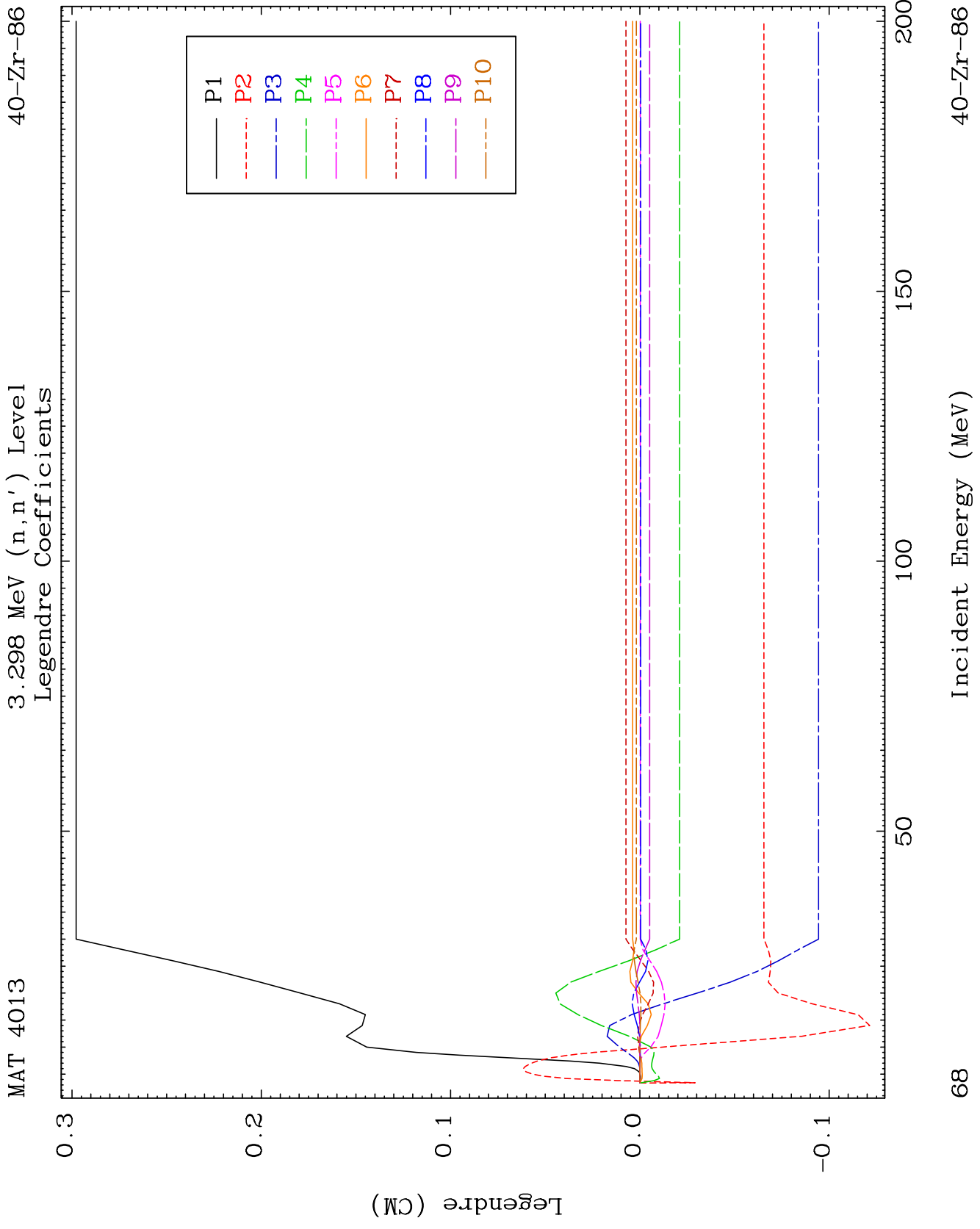
65

Incident Energy (MeV)

40-Zr-86



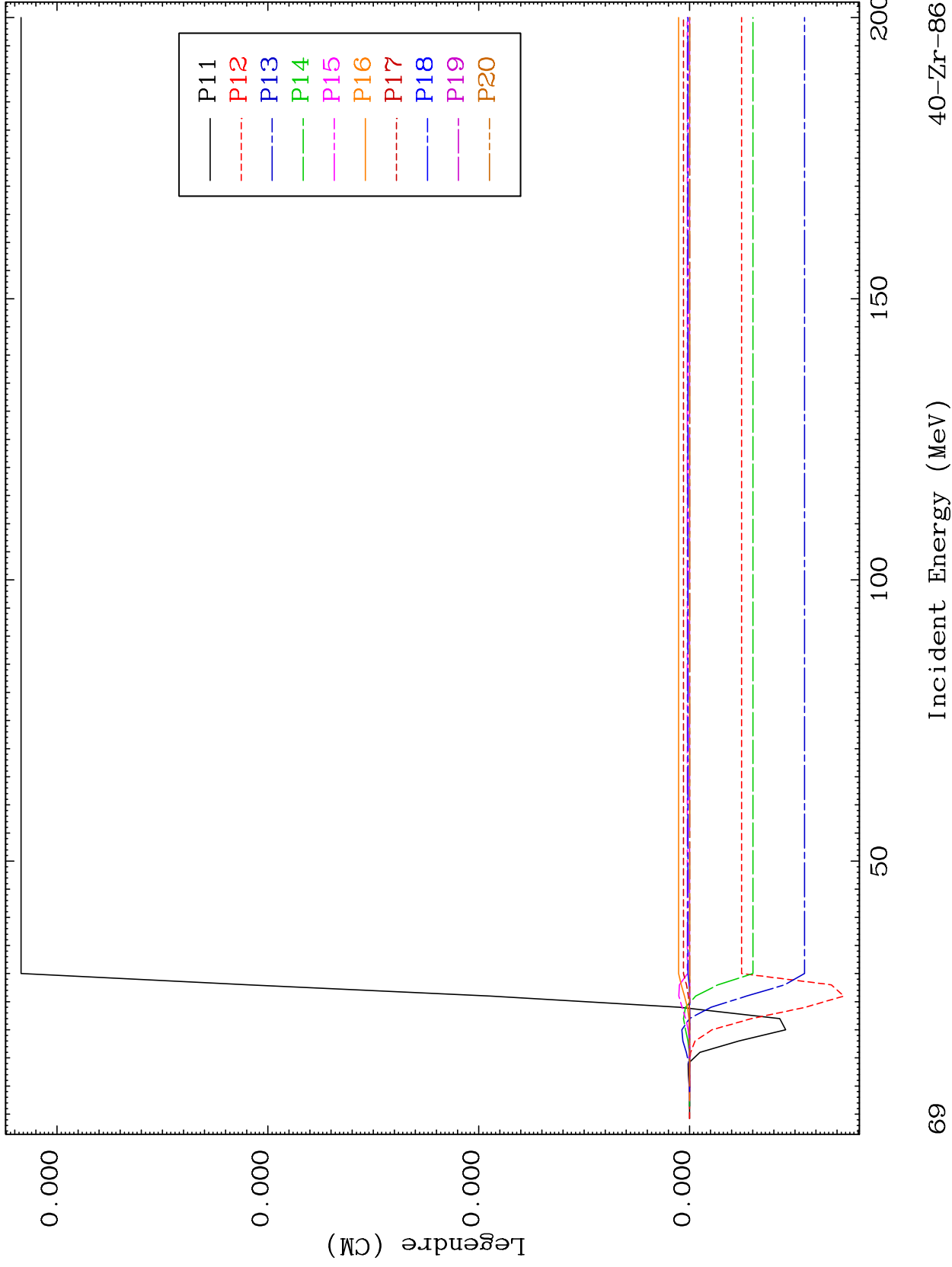


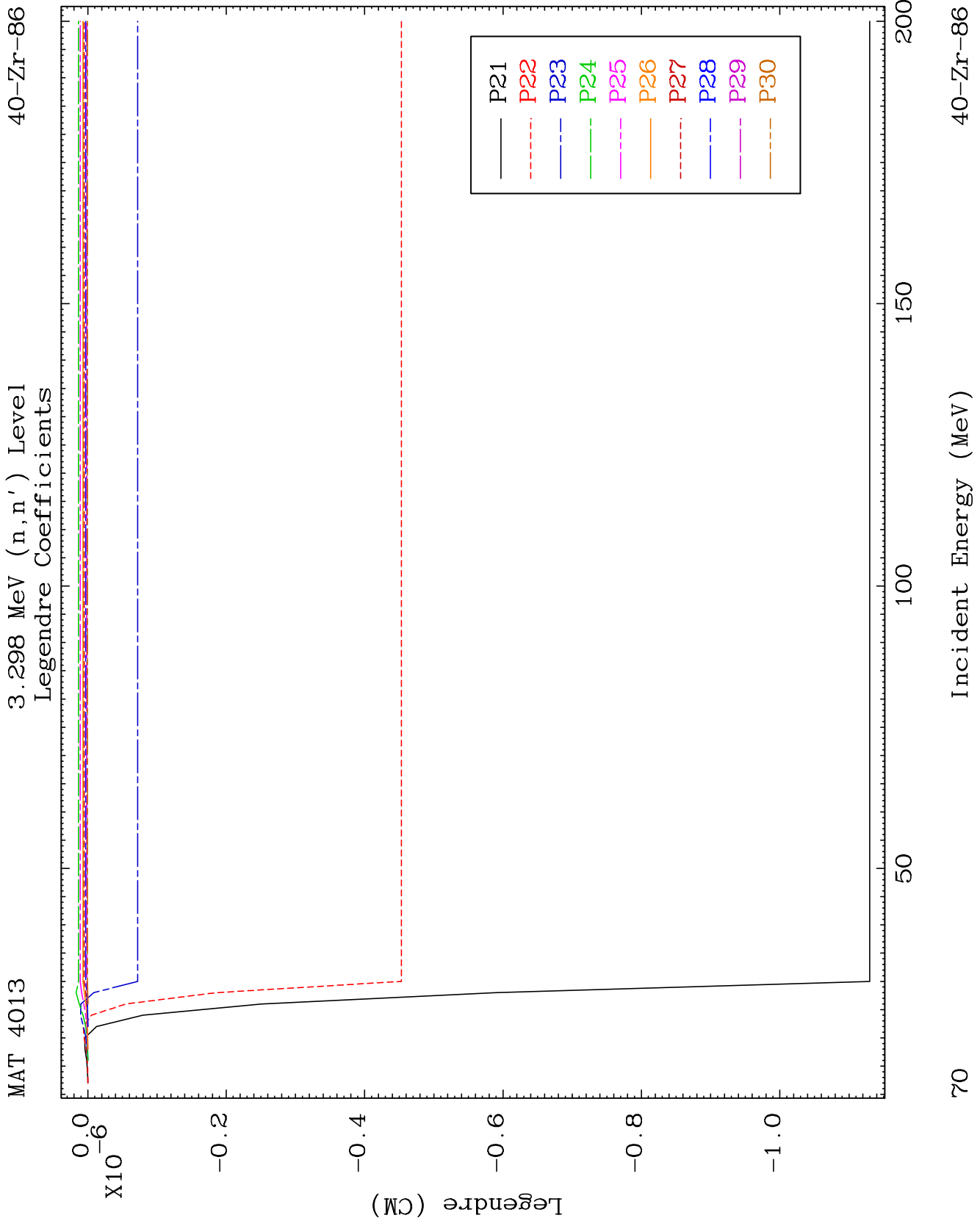


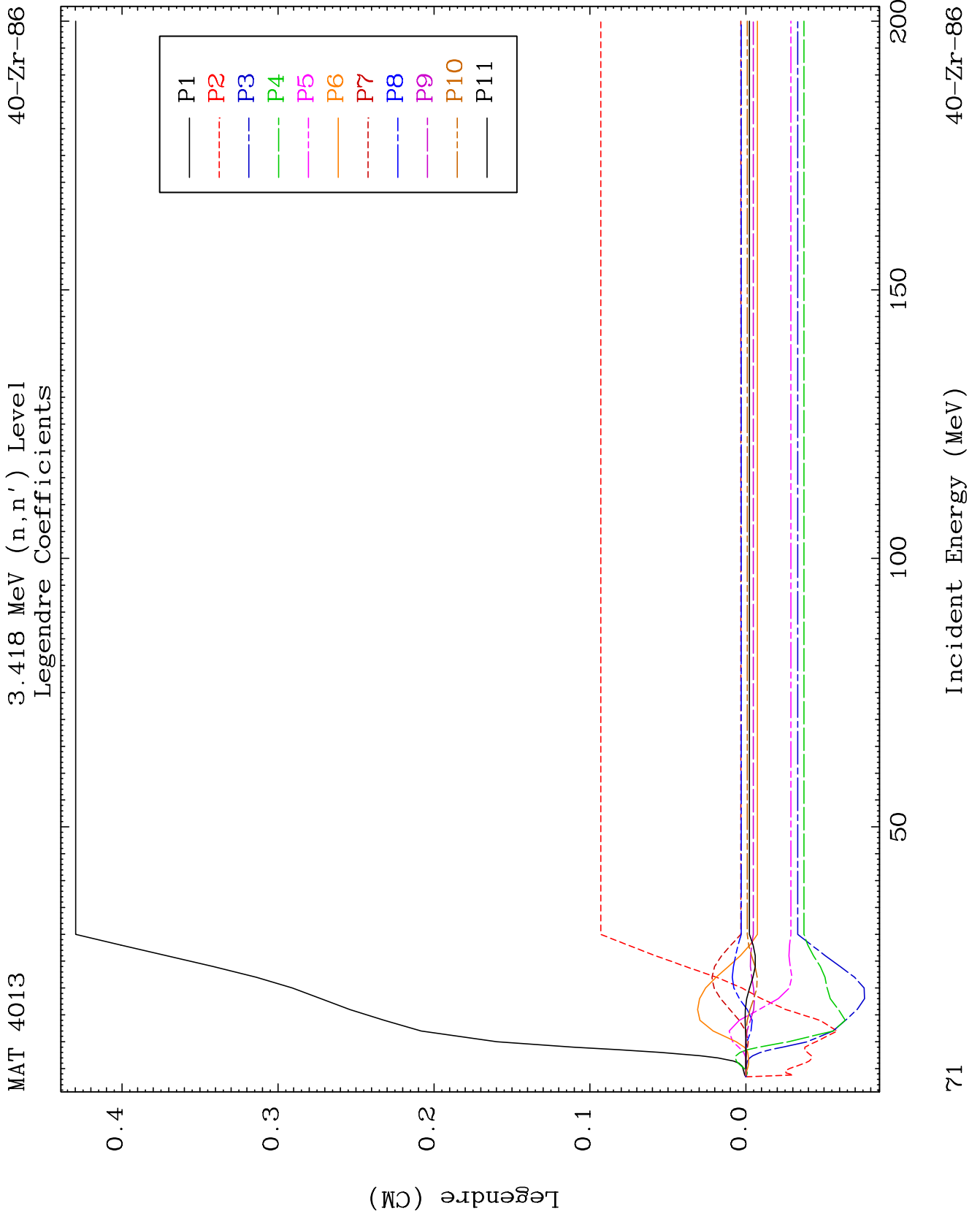
MAT 4013

3.298 MeV (n,n') Level
Legendre Coefficients

40-Zr-86



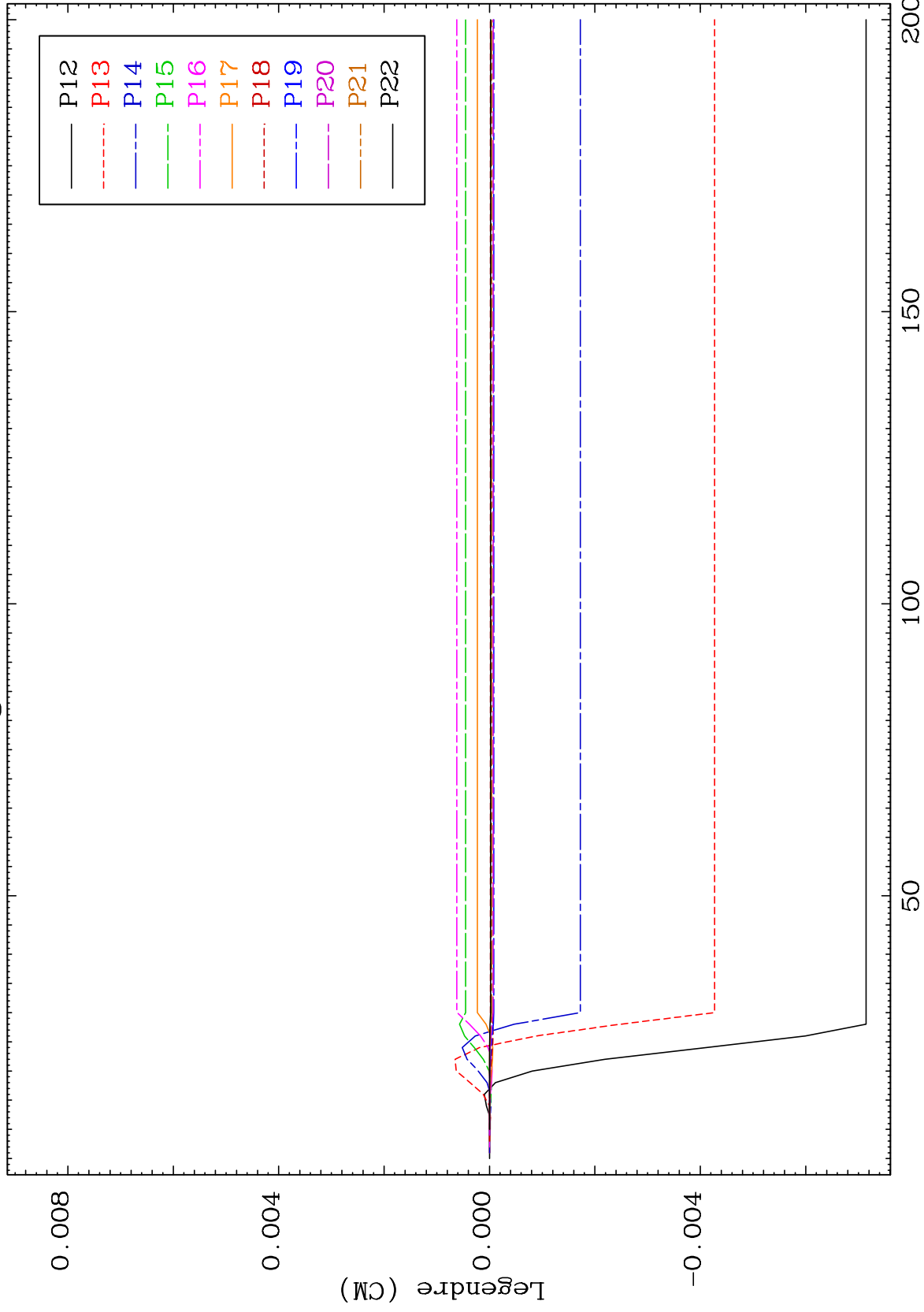




MAT 4013

3.418 MeV (n,n') Level
Legendre Coefficients

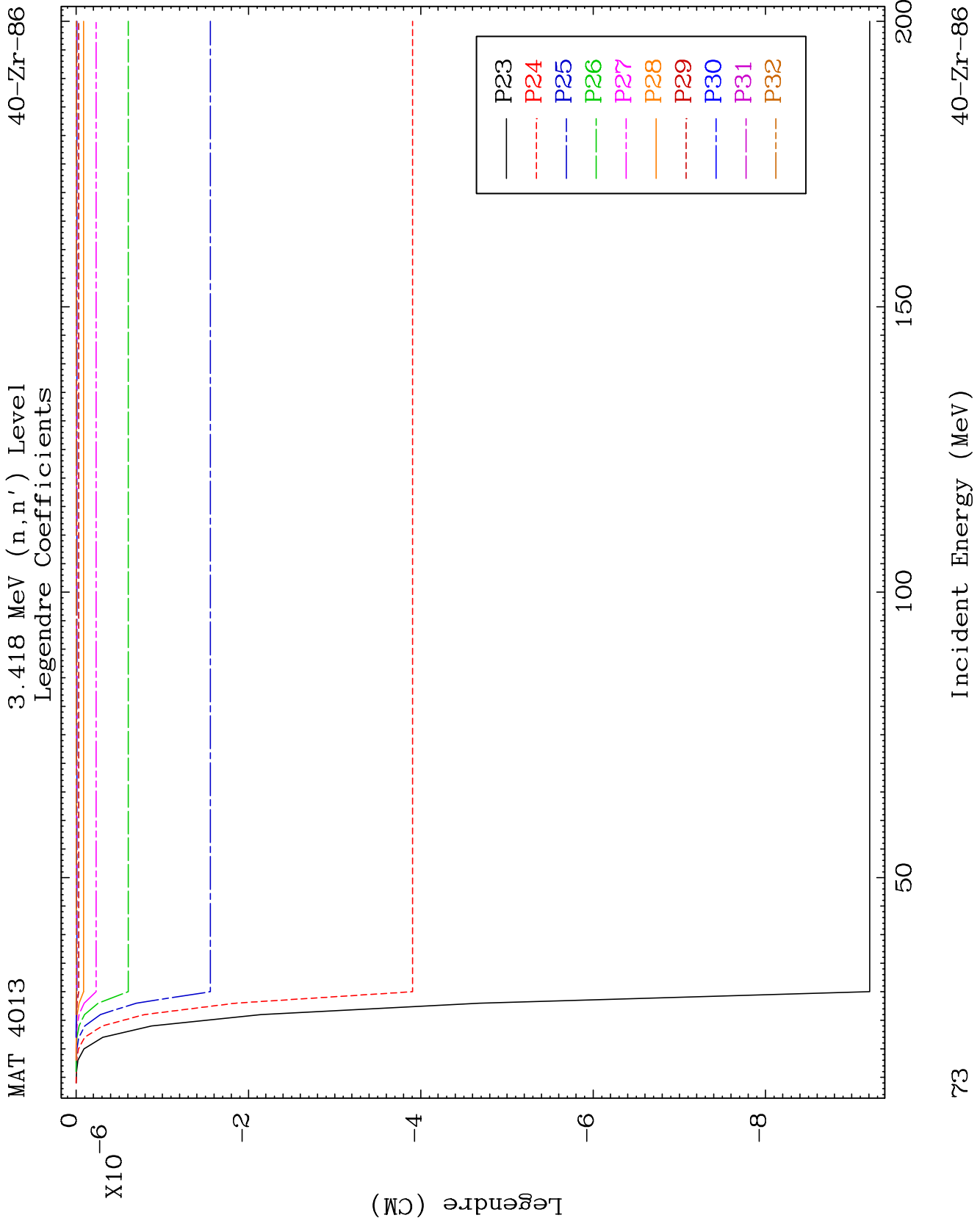
40-Zr-86



72

Incident Energy (MeV)

40-Zr-86

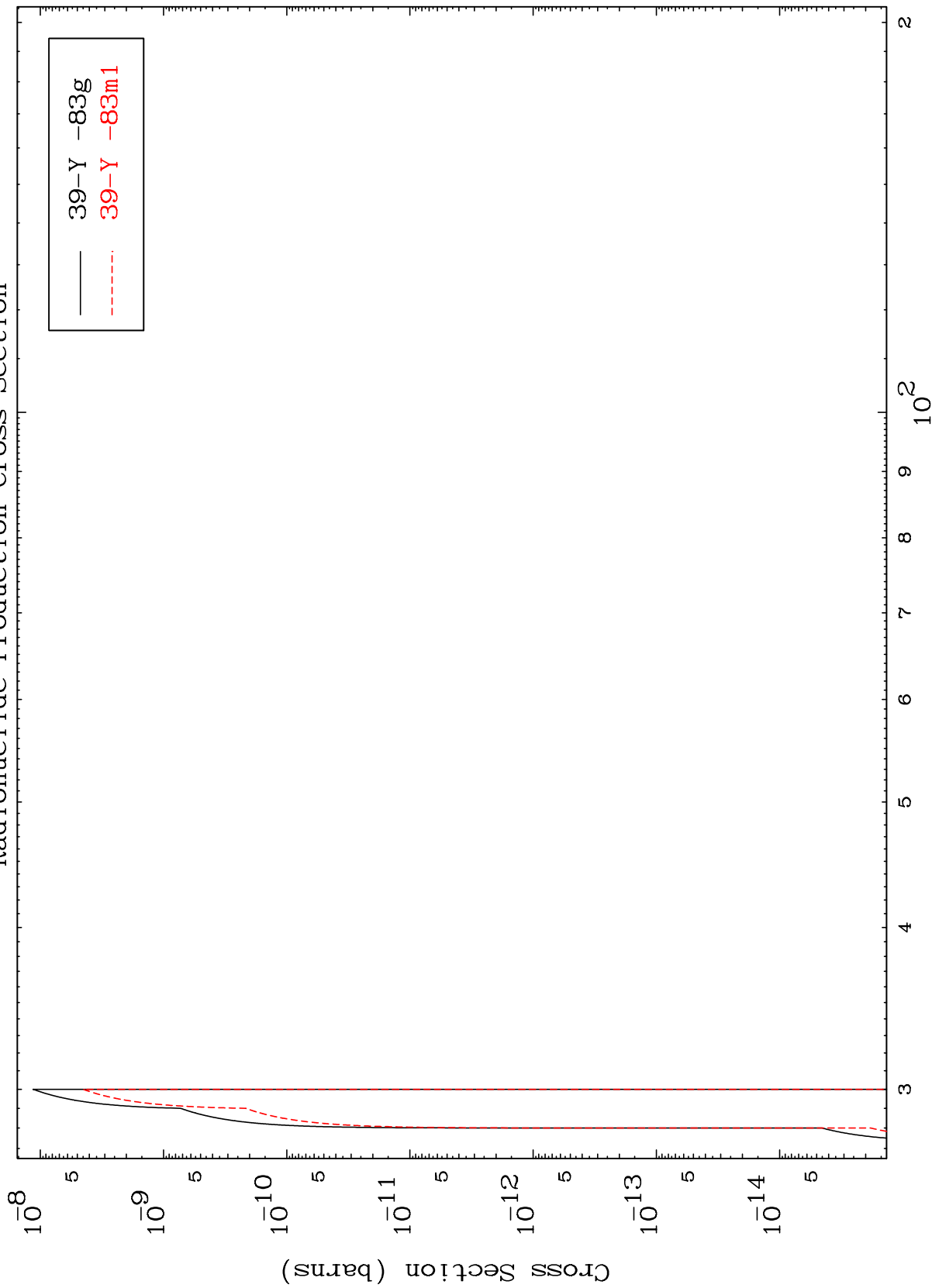


MAT 4013

(n,2n) d

40-Zr-86

Radionuclide Production Cross Section



74

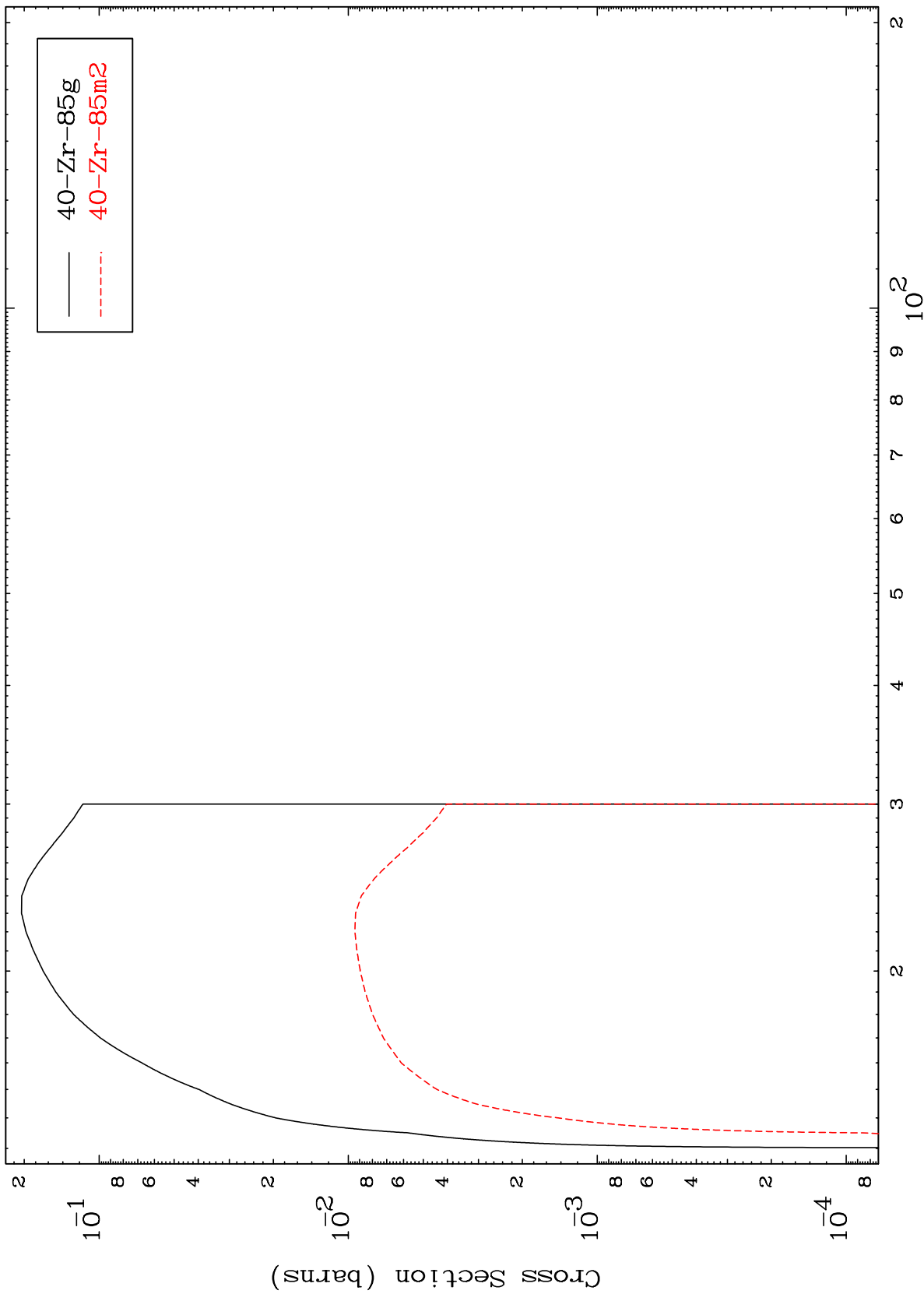
Incident Energy (MeV)

40-Zr-86

MAT 4013

40-Zr-86

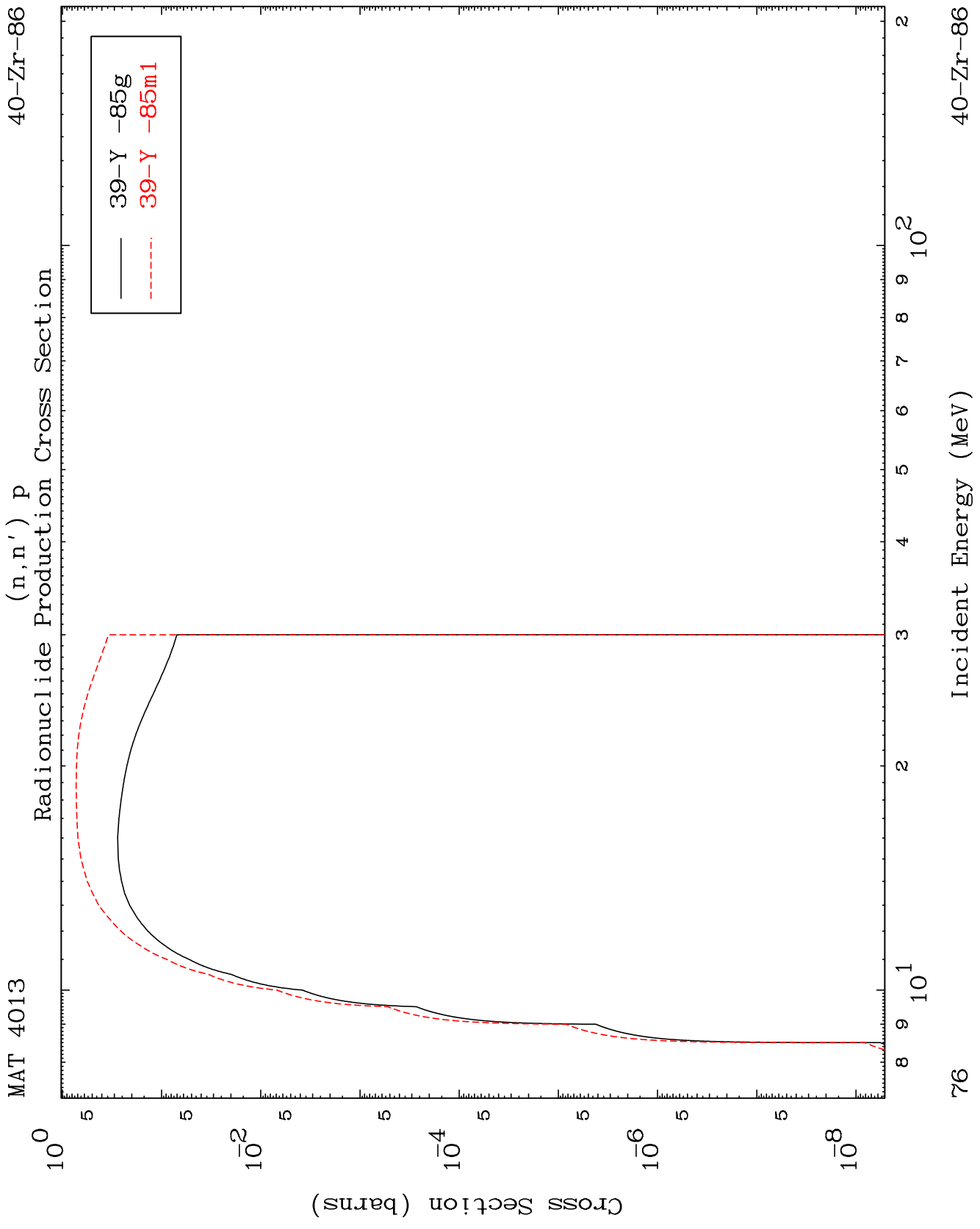
(n,2n)
Radionuclide Production Cross Section



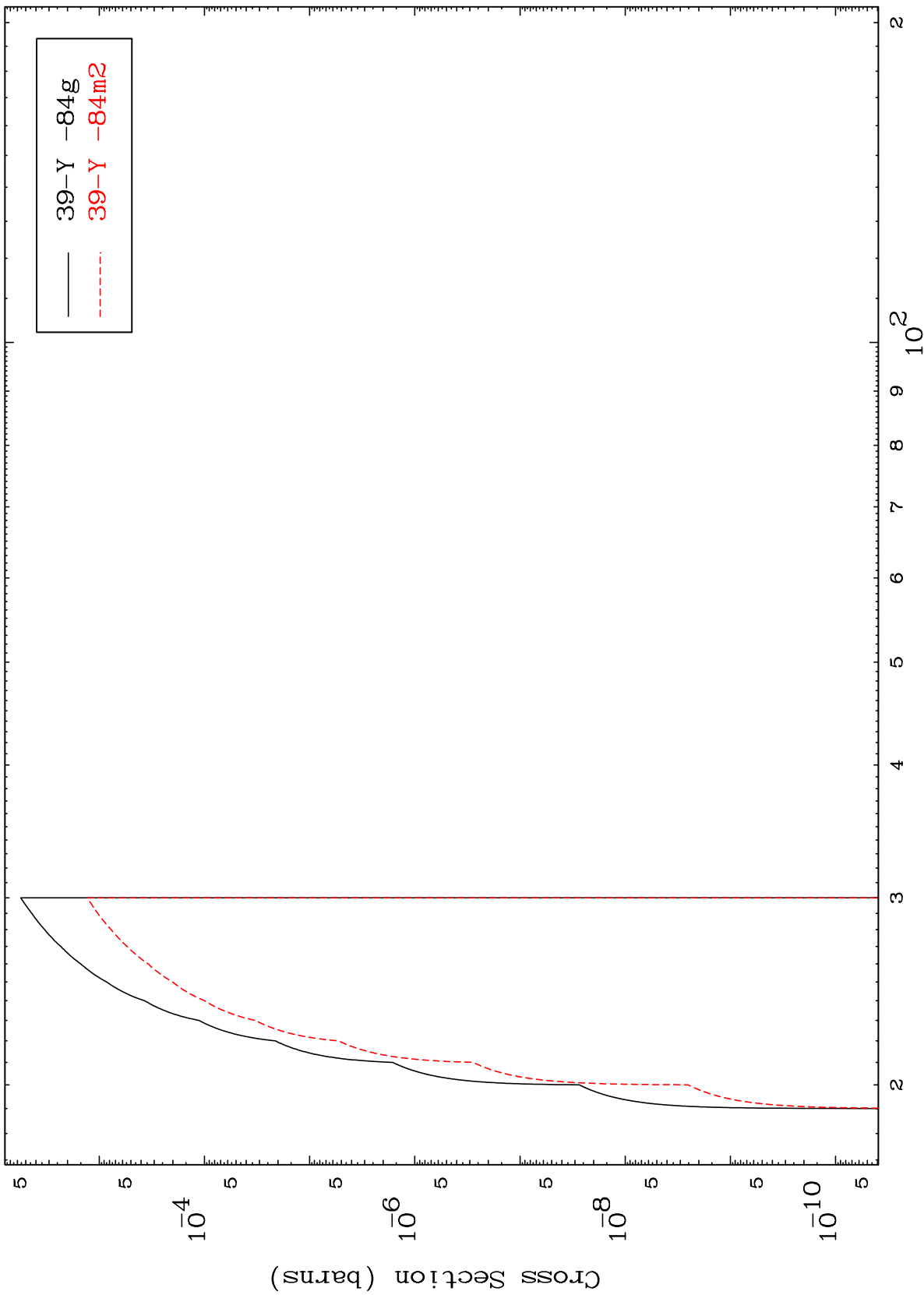
75

Incident Energy (MeV)

40-Zr-86



Radionuclide Production Cross Section

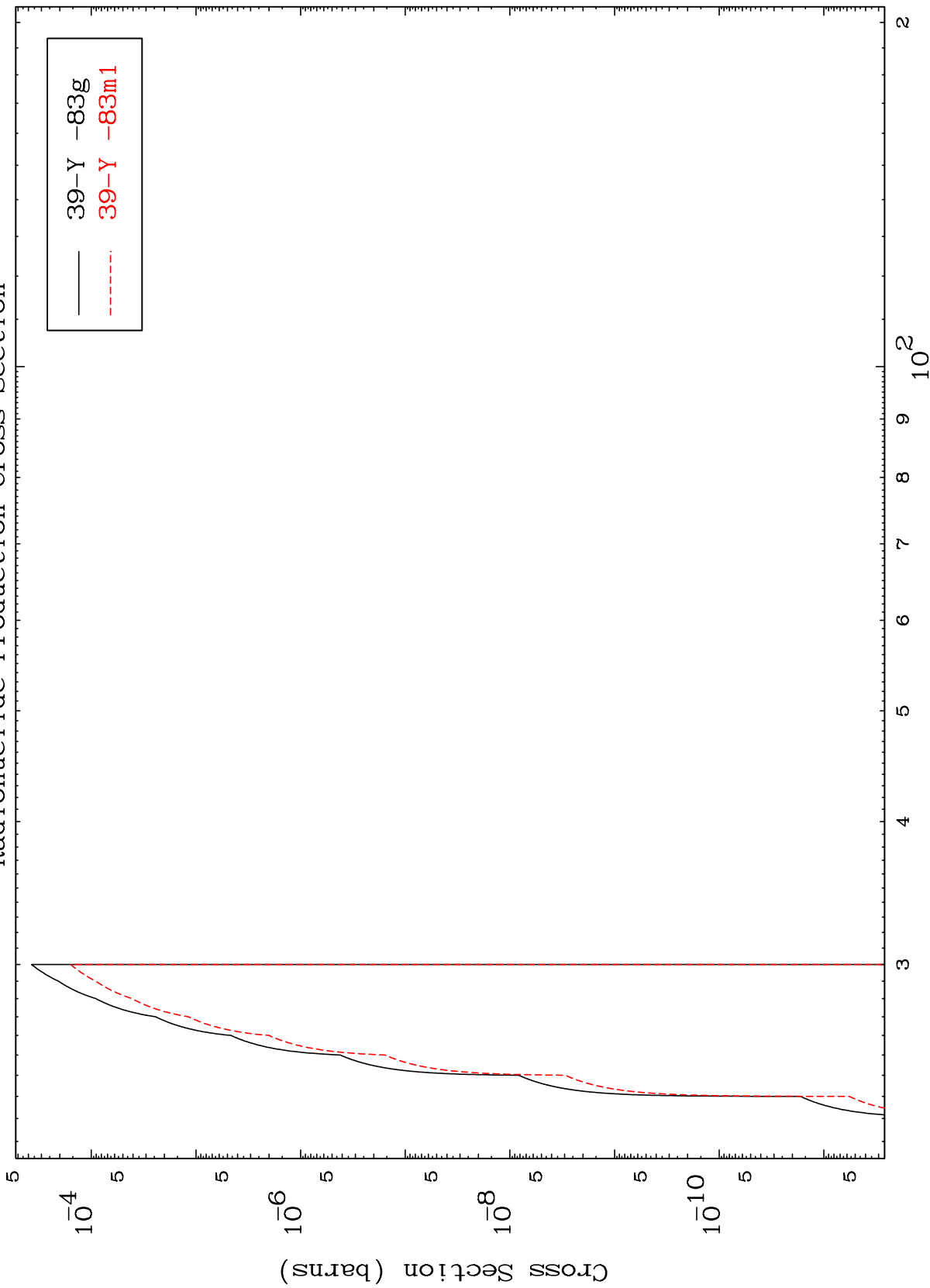


MAT 4013

(n,n') t

40-Zr-86

Radionuclide Production Cross Section



78

Incident Energy (MeV)

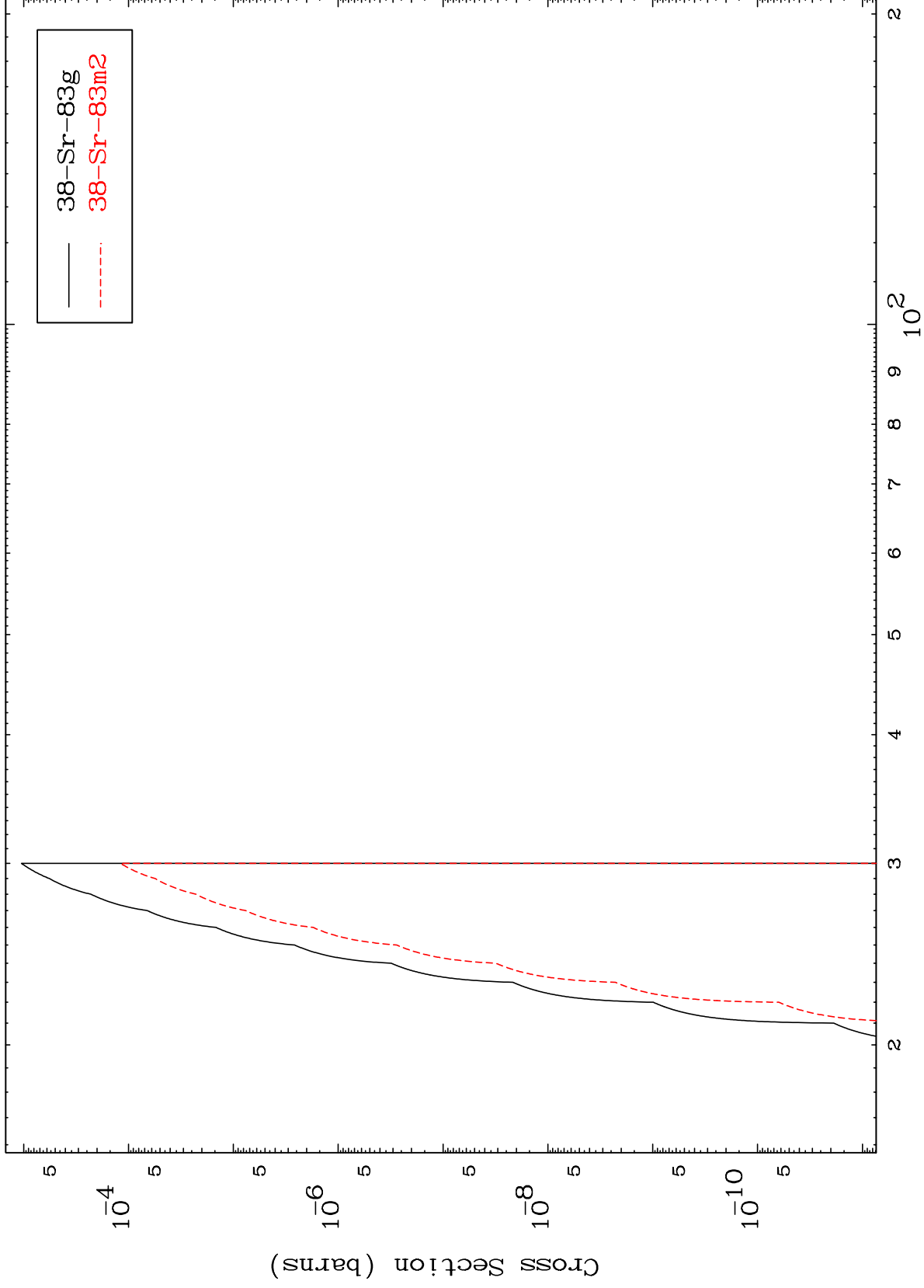
40-Zr-86

MAT 4013

(n,n') He-3

40-Zr-86

Radionuclide Production Cross Section



79

Incident Energy (MeV)

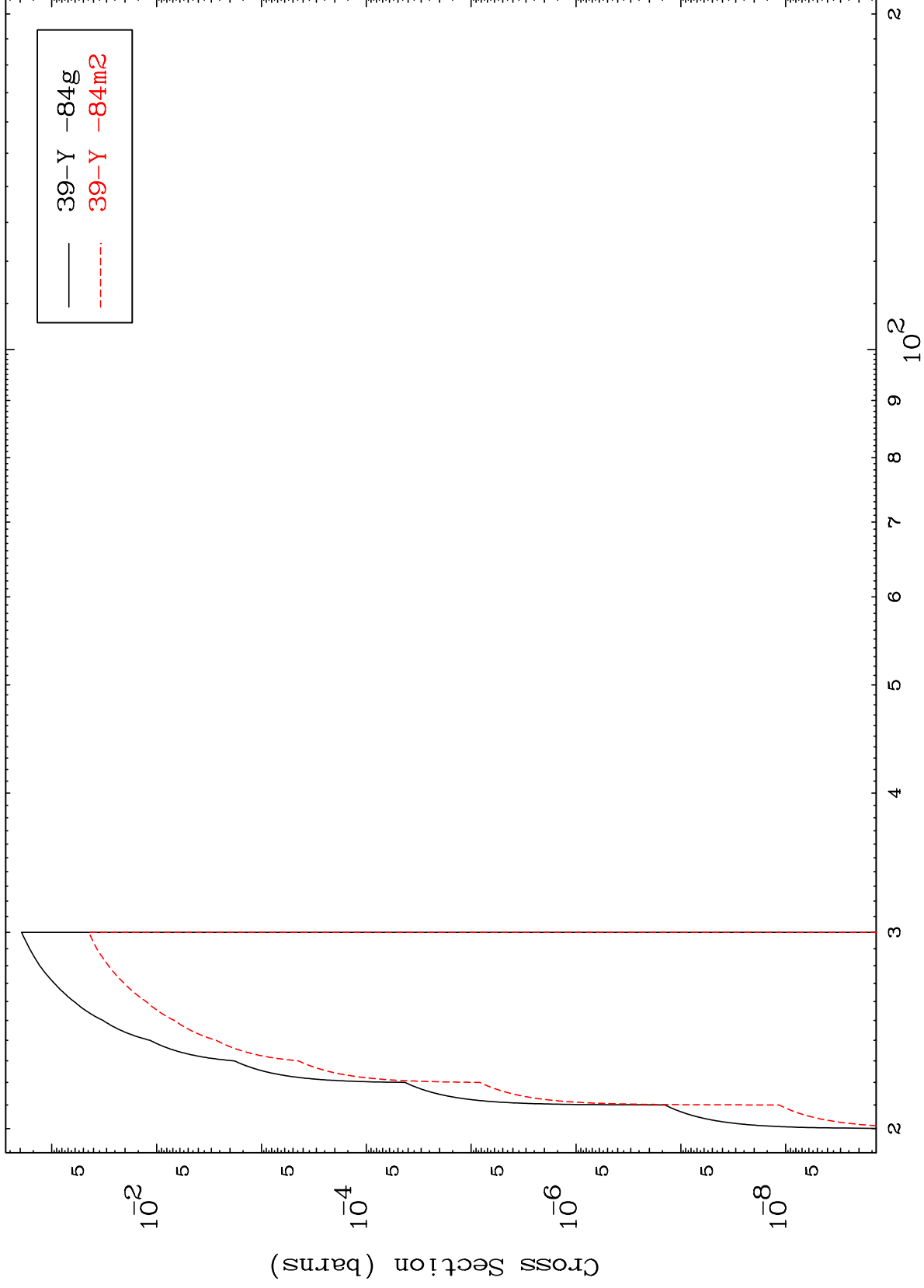
40-Zr-86

MAT 4013

(n,2n) p

40-Zr-86

Radionuclide Production Cross Section



80

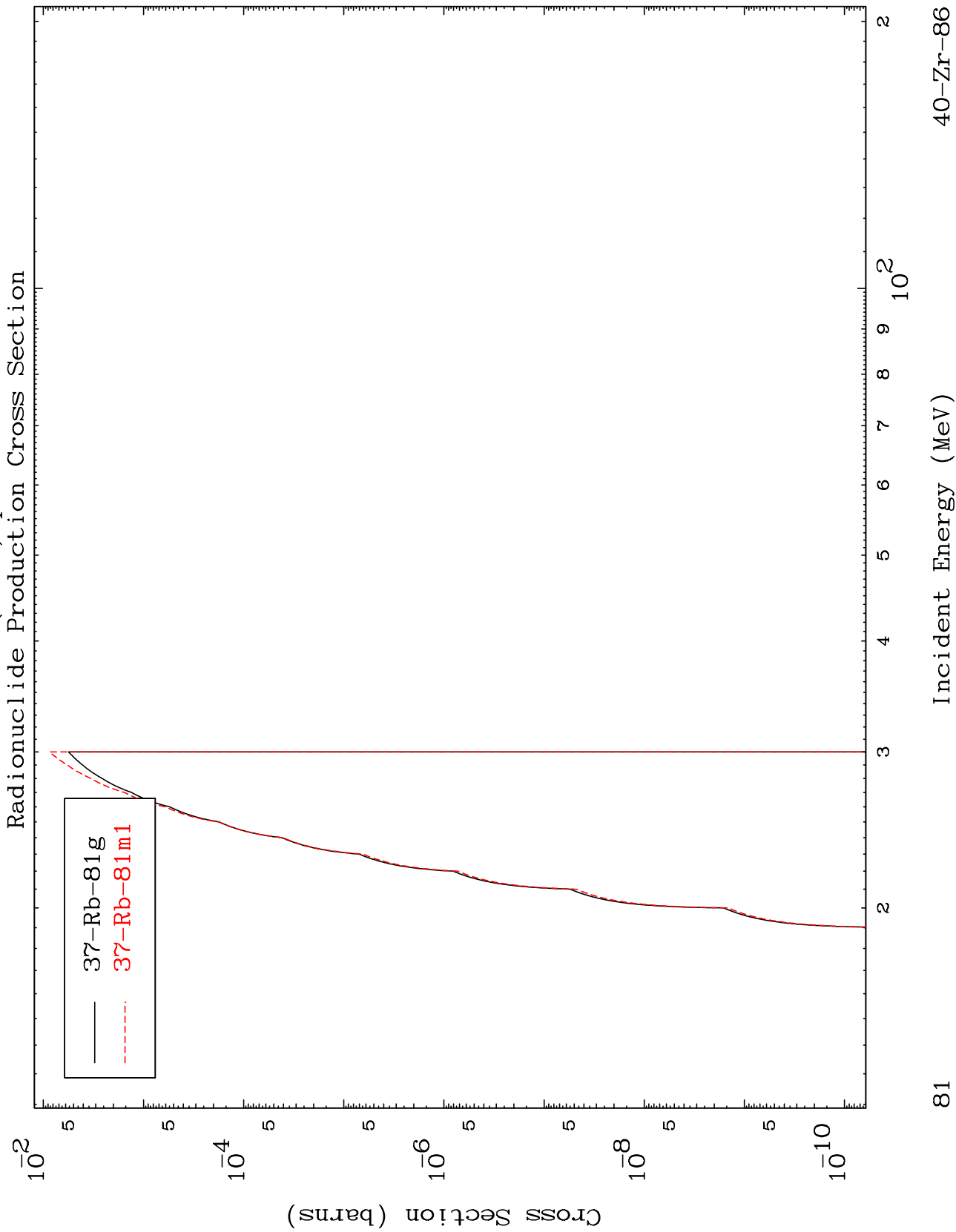
Incident Energy (MeV)

40-Zr-86

MAT 4013

(n,n') p α

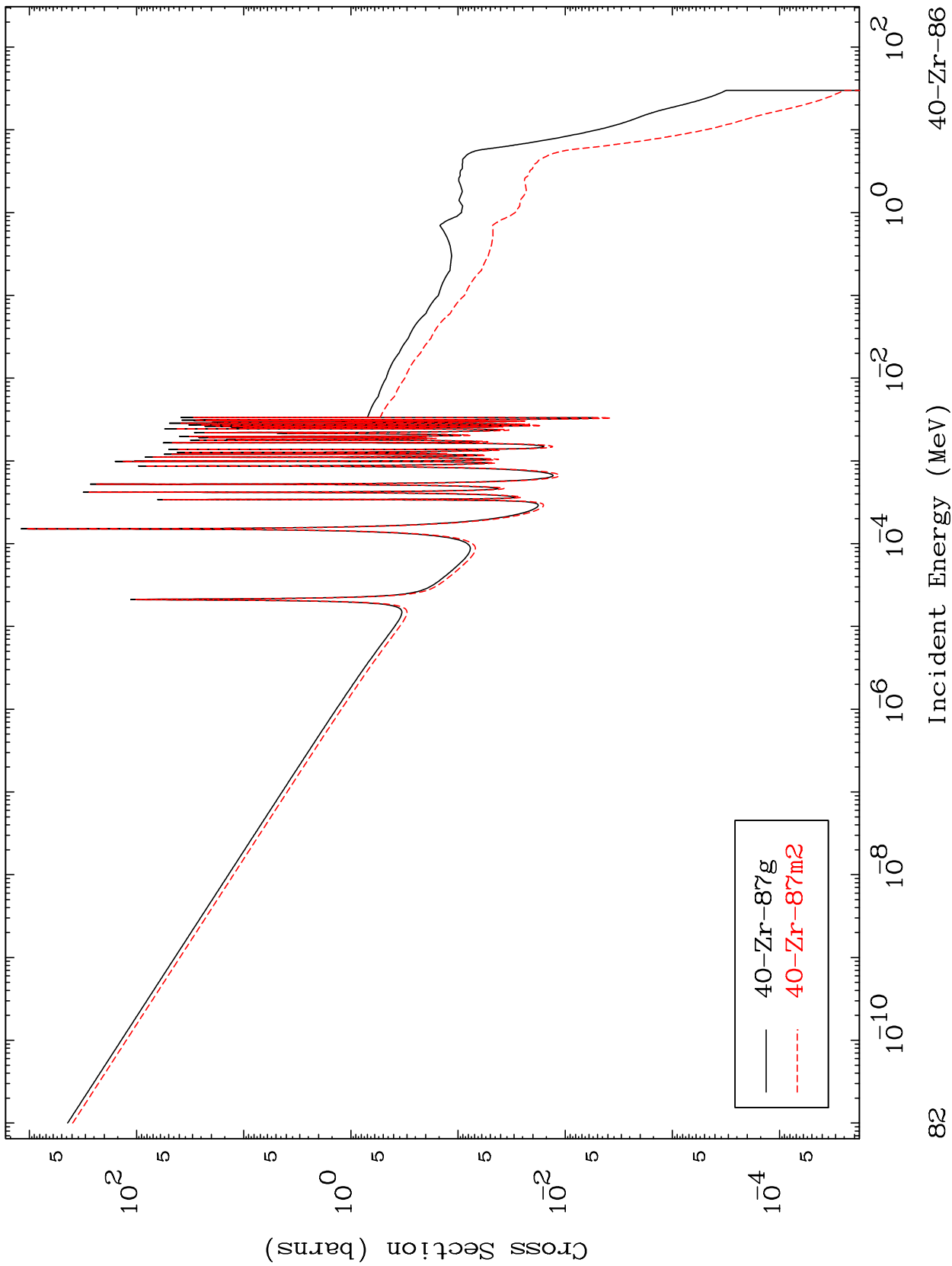
40-Zr-86



MAT 4013

40-Zr-86

(n, γ)
Radionuclide Production Cross Section



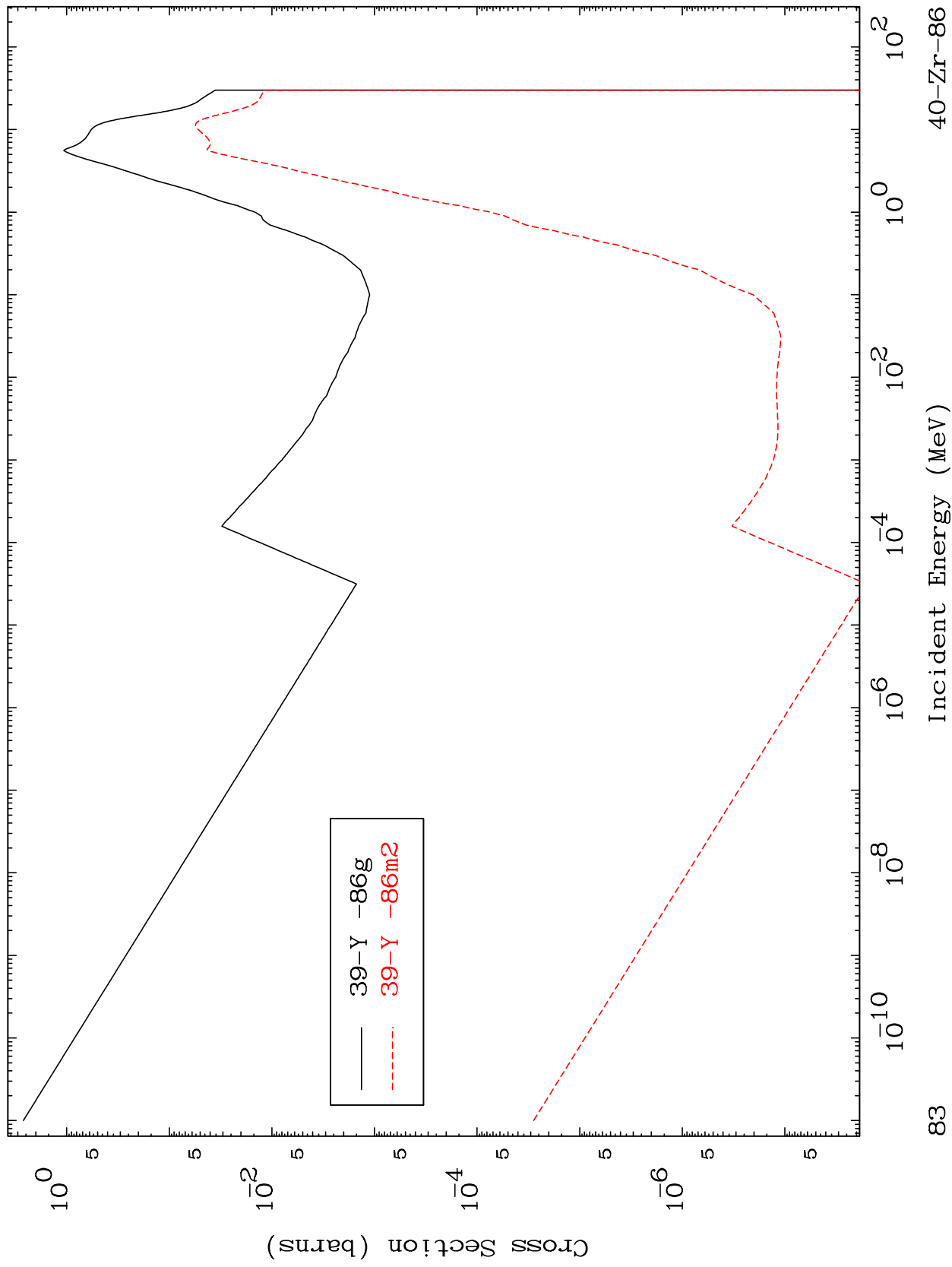
82

40-Zr-86

MAT 4013

40-Zr-86

(n,p)
Radionuclide Production Cross Section



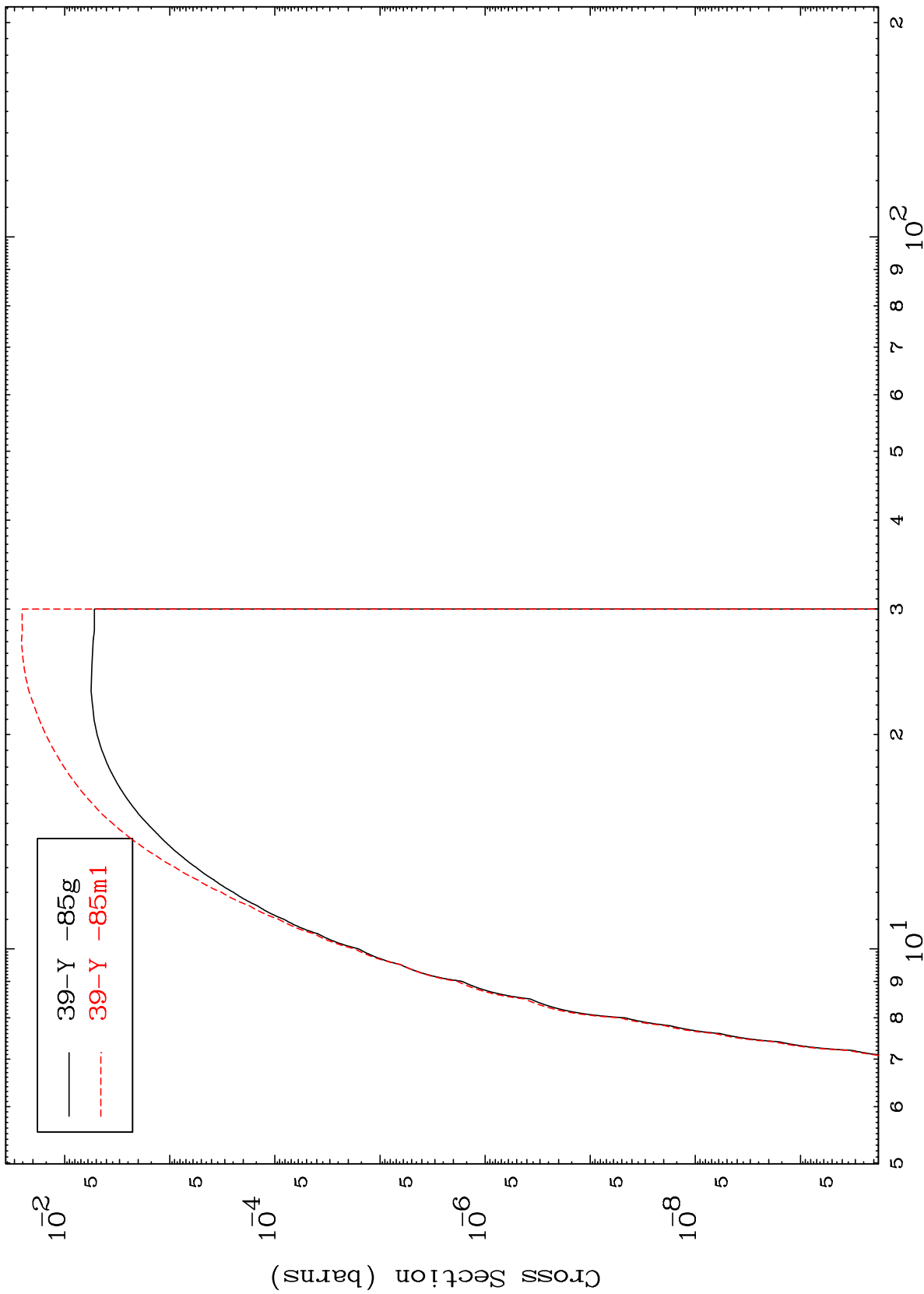
83

40-Zr-86

MAT 4013

40-Zr-86

(n,d)
Radionuclide Production Cross Section



84

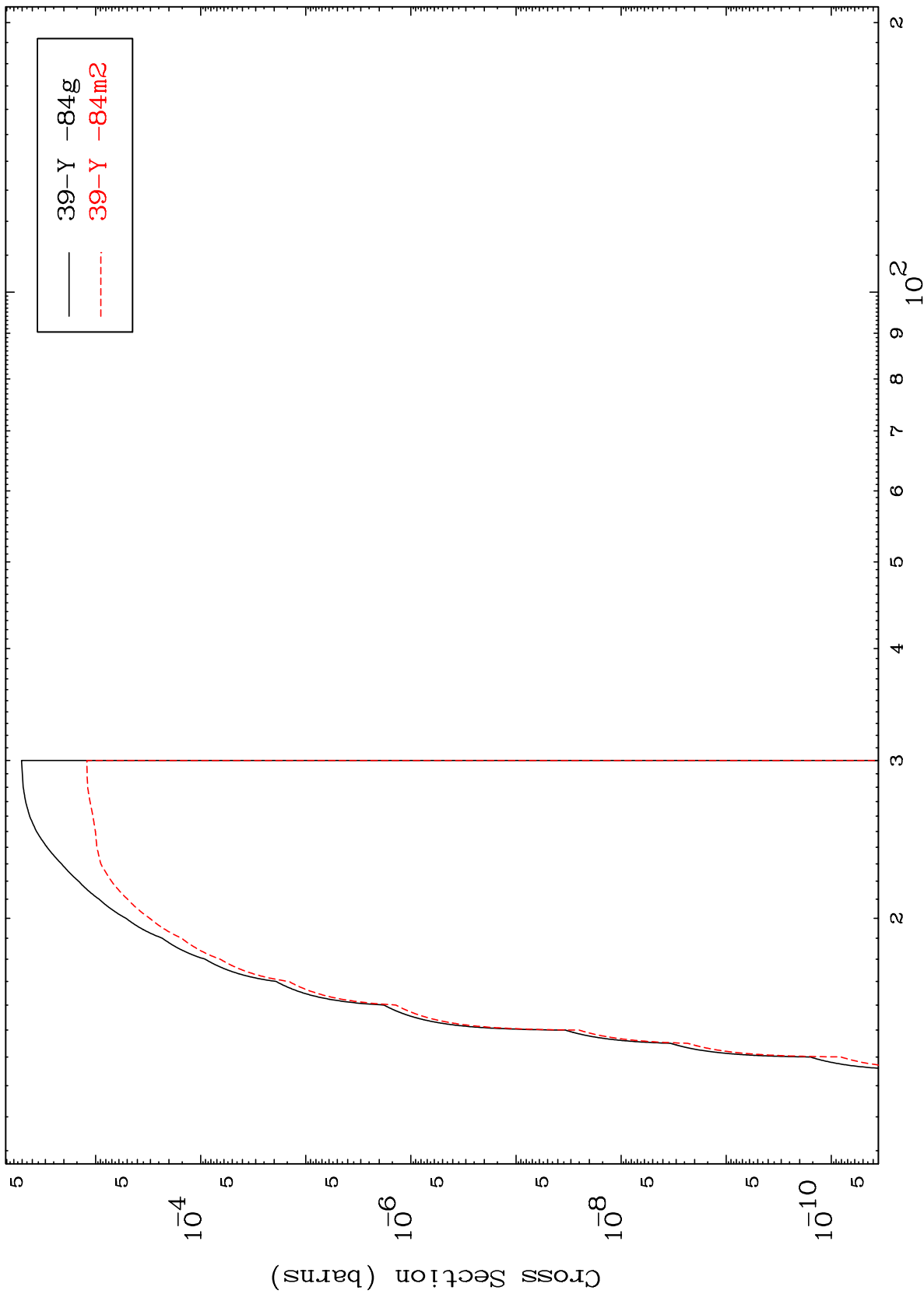
Incident Energy (MeV)

40-Zr-86

MAT 4013

40-Zr-86

(n,t)
Radionuclide Production Cross Section



85

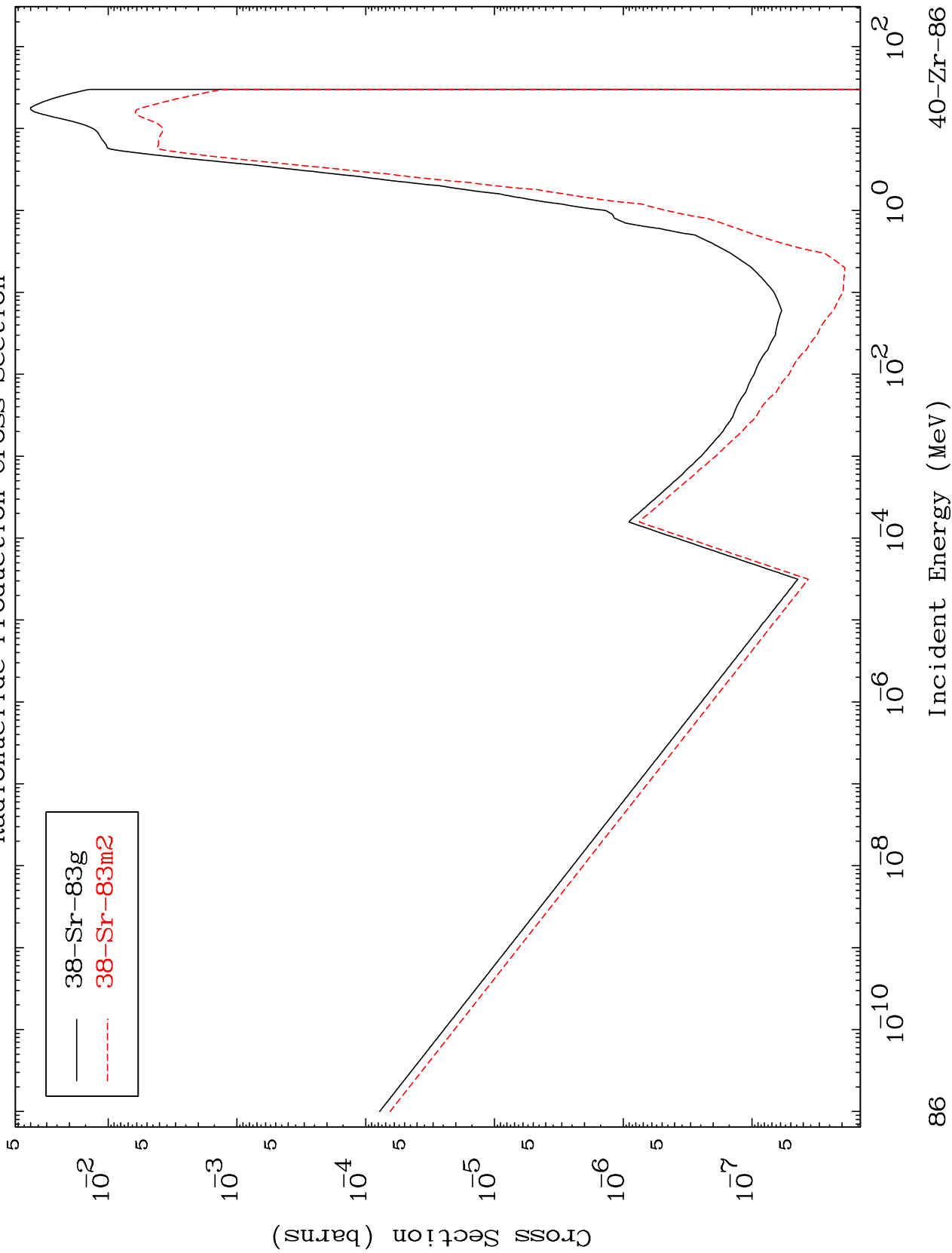
Incident Energy (MeV)

40-Zr-86

MAT 4013

40-Zr-86

Radionuclide Production Cross Section
(n, α)



86

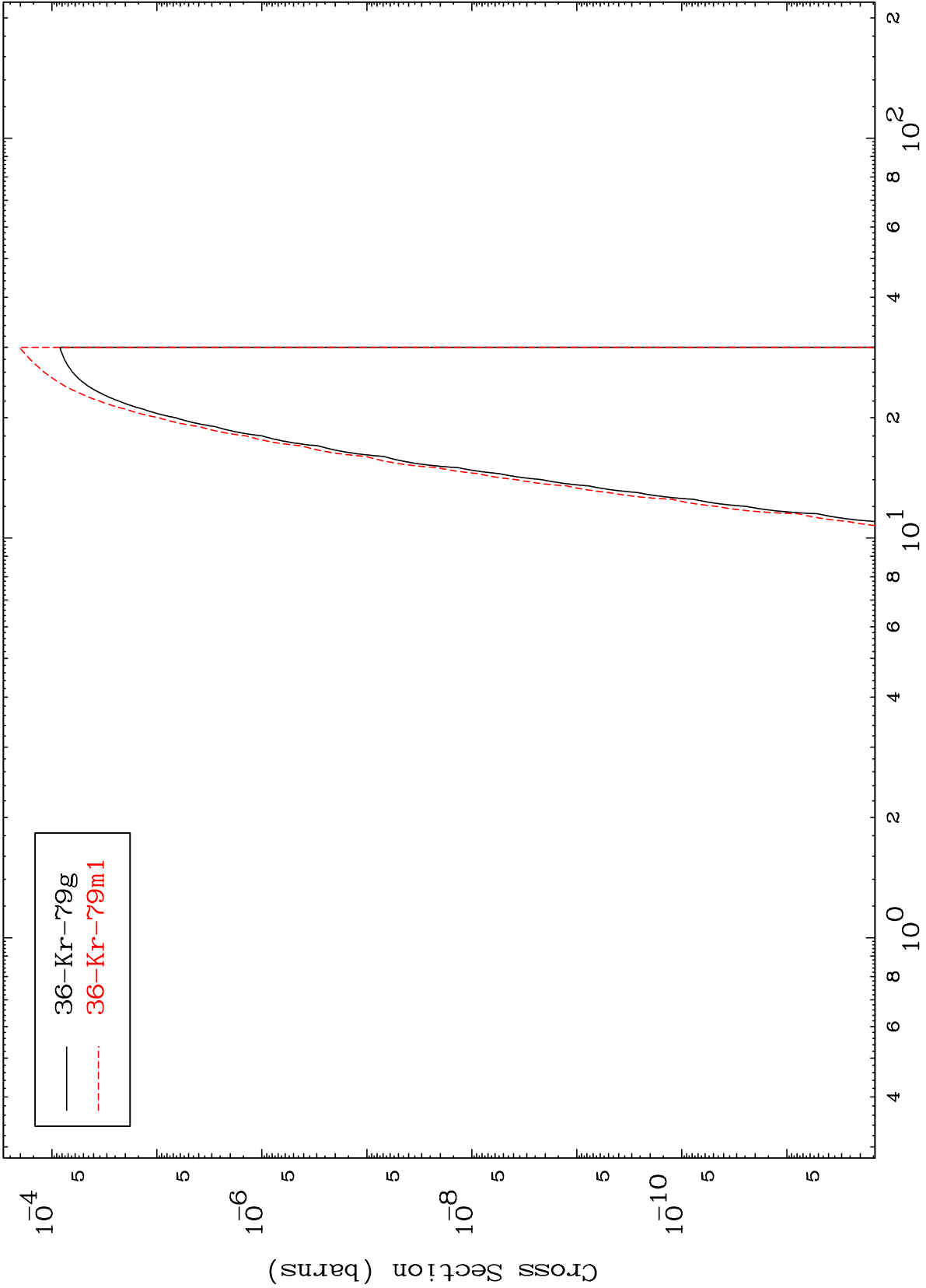
40-Zr-86

MAT 4013

(n,2α)

40-Zr-86

Radionuclide Production Cross Section



87

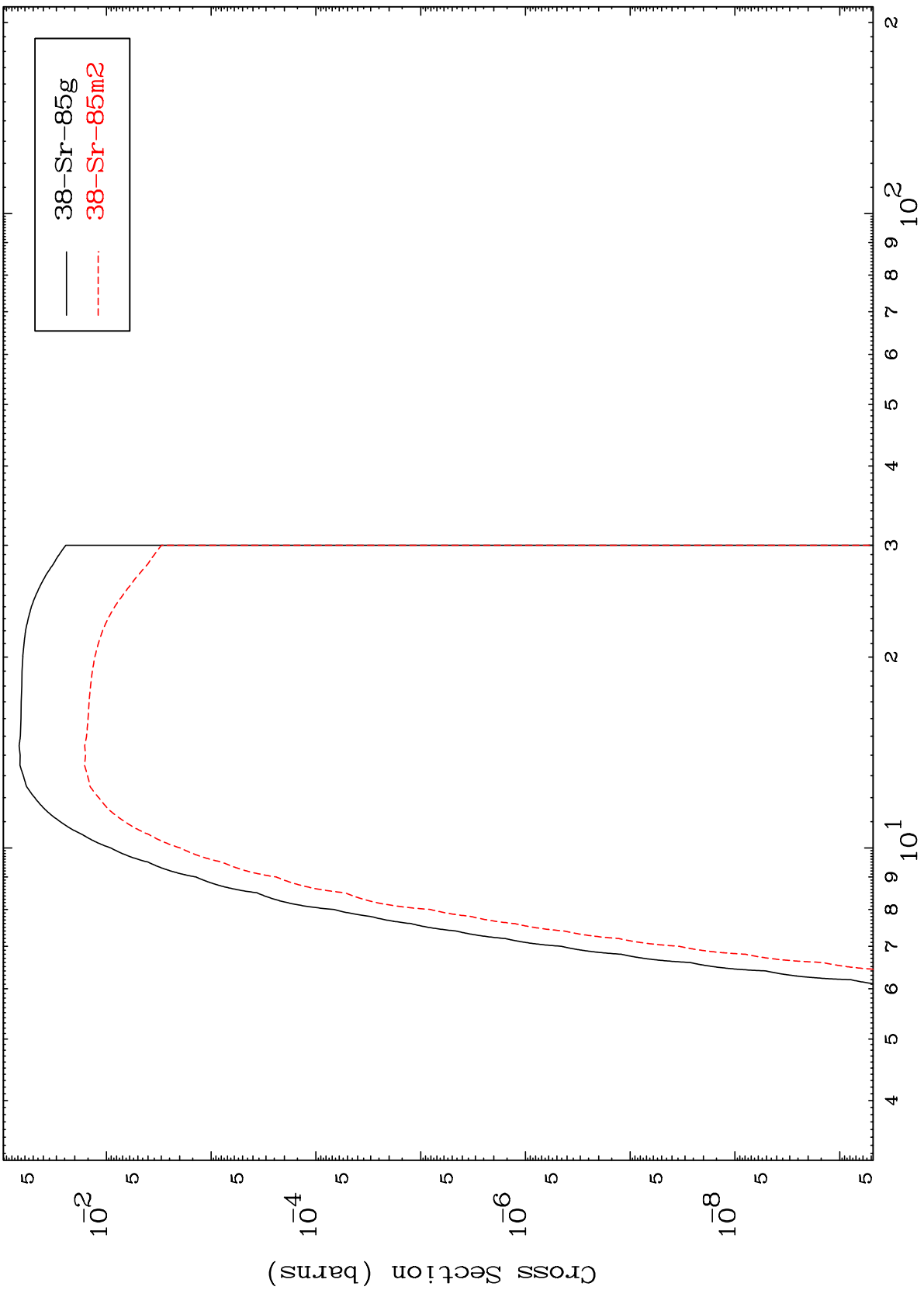
Incident Energy (MeV)

40-Zr-86

MAT 4013

40-Zr-86

Radionuclide Production Cross Section
(n,2p)



88

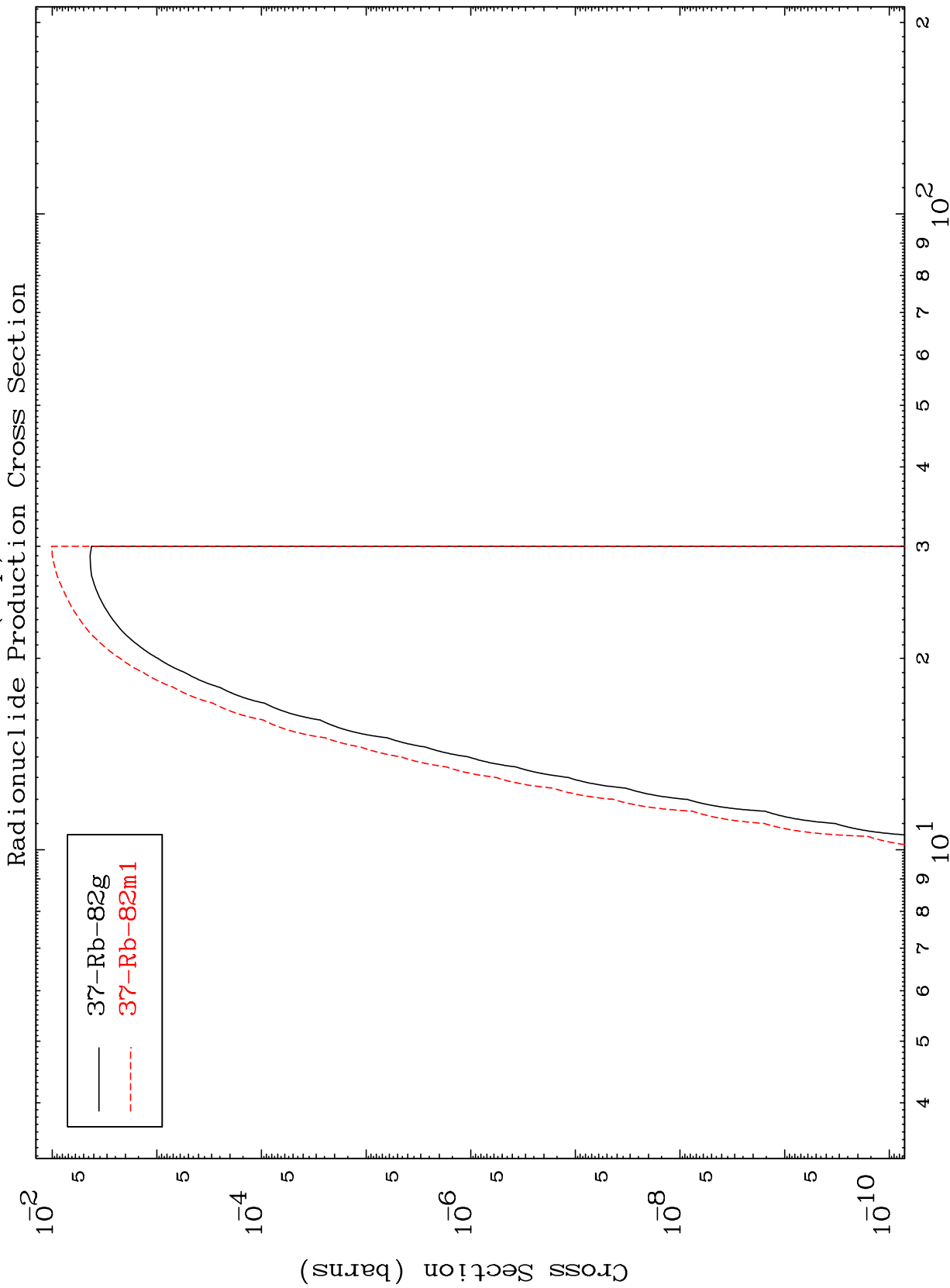
Incident Energy (MeV)

40-Zr-86

MAT 4013

(n,p) α

40-Zr-86

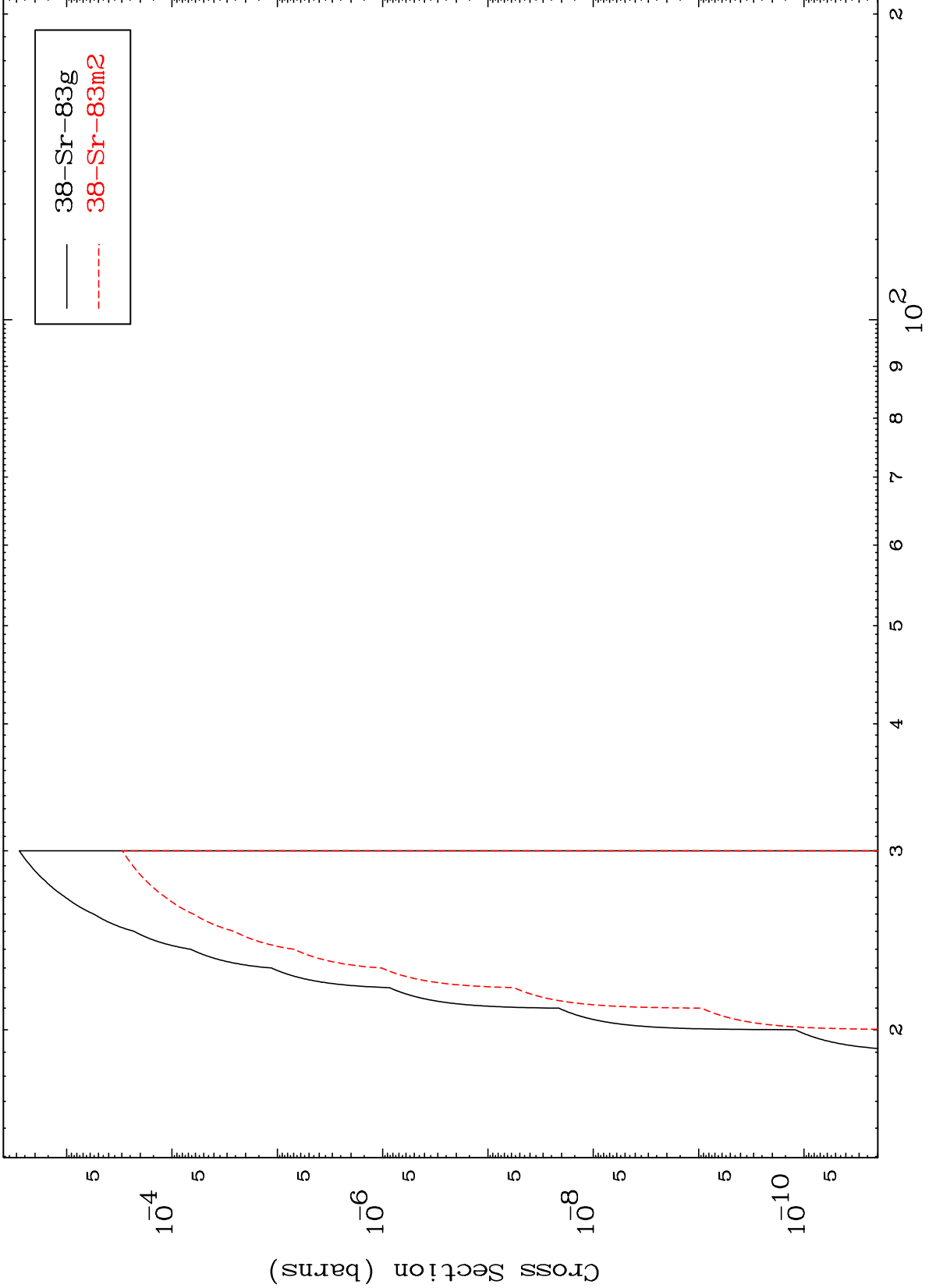


MAT 4013

(n,p) t

40-Zr-86

Radionuclide Production Cross Section



90

Incident Energy (MeV)

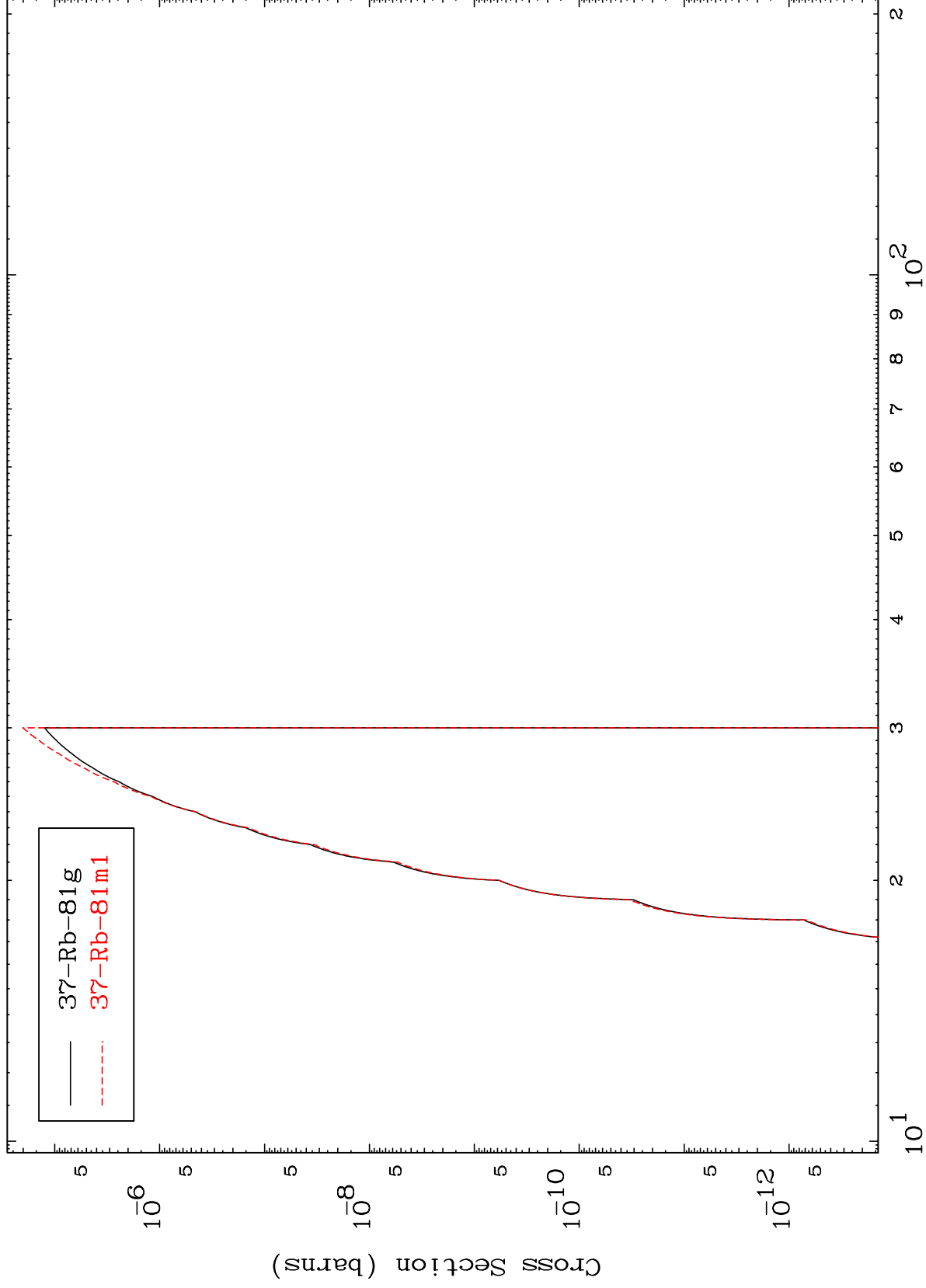
40-Zr-86

MAT 4013

(n,d) α

40-Zr-86

Radionuclide Production Cross Section



91

Incident Energy (MeV)

40-Zr-86