

Program EVALPLOT
(Version 2015-2)

by

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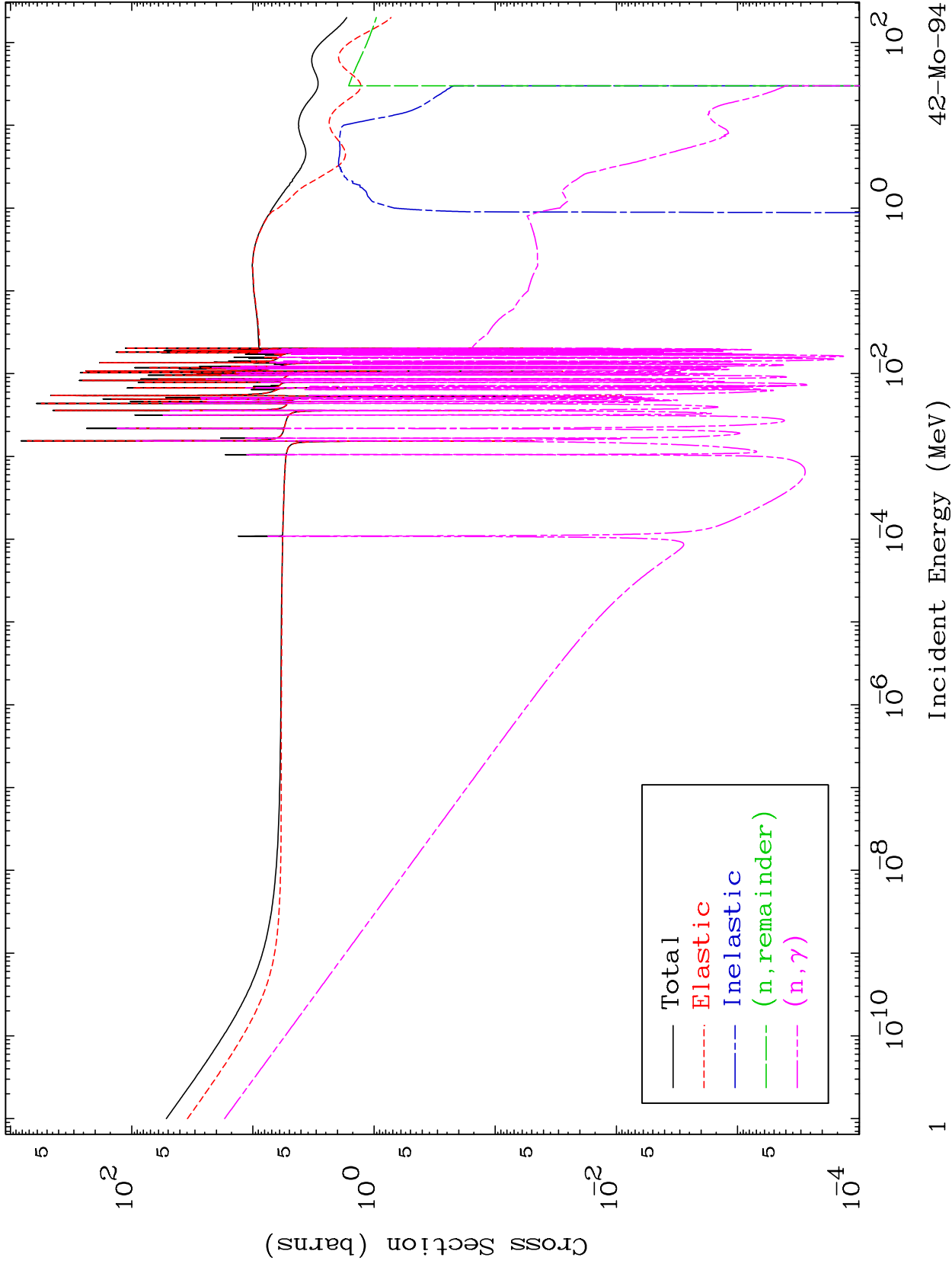
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4231

Major
293 Kelvin Cross Sections

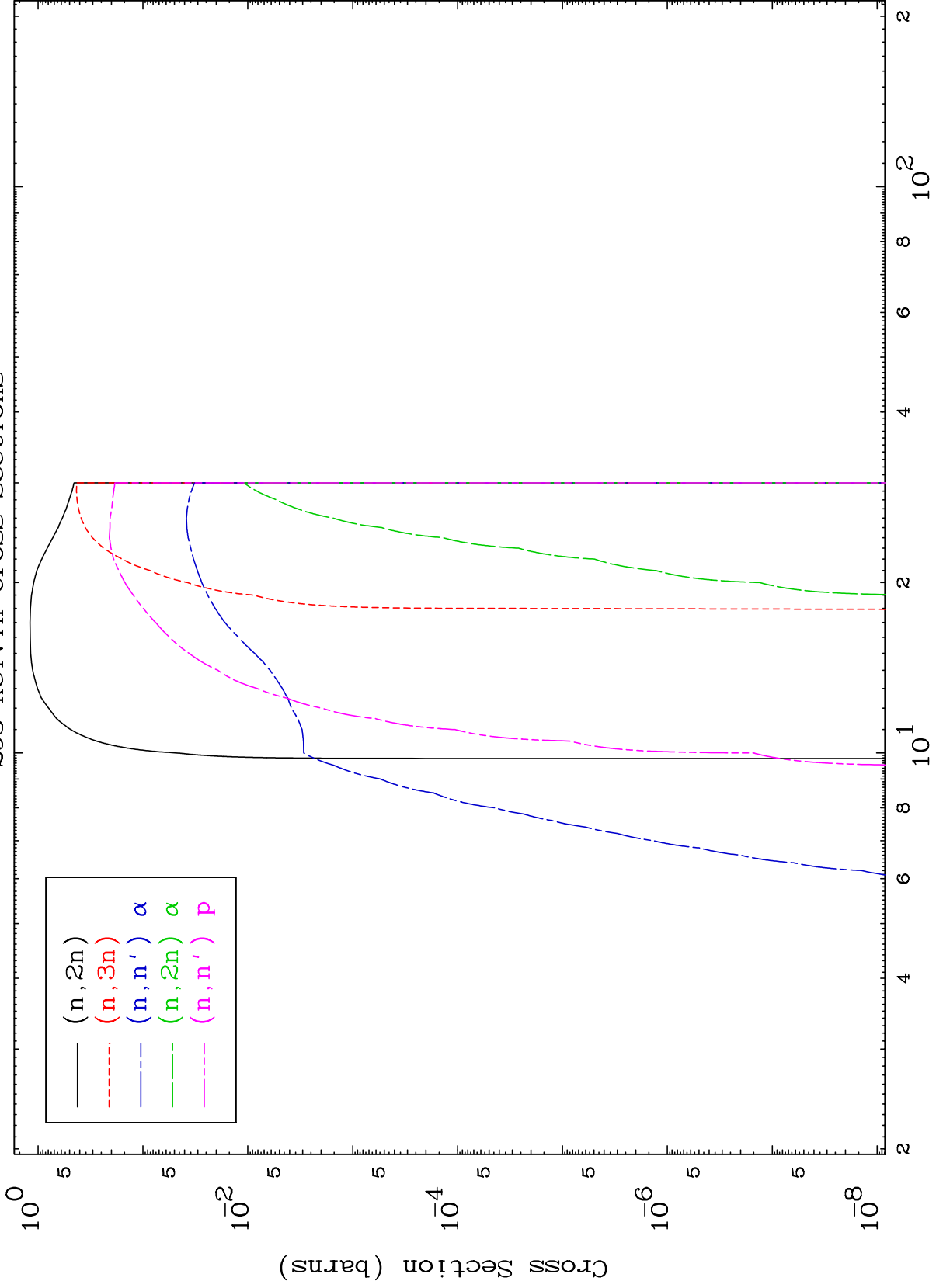
42-Mo-94



MAT 4231

Neutron Production
293 Kelvin Cross Sections

42-Mo-94



2

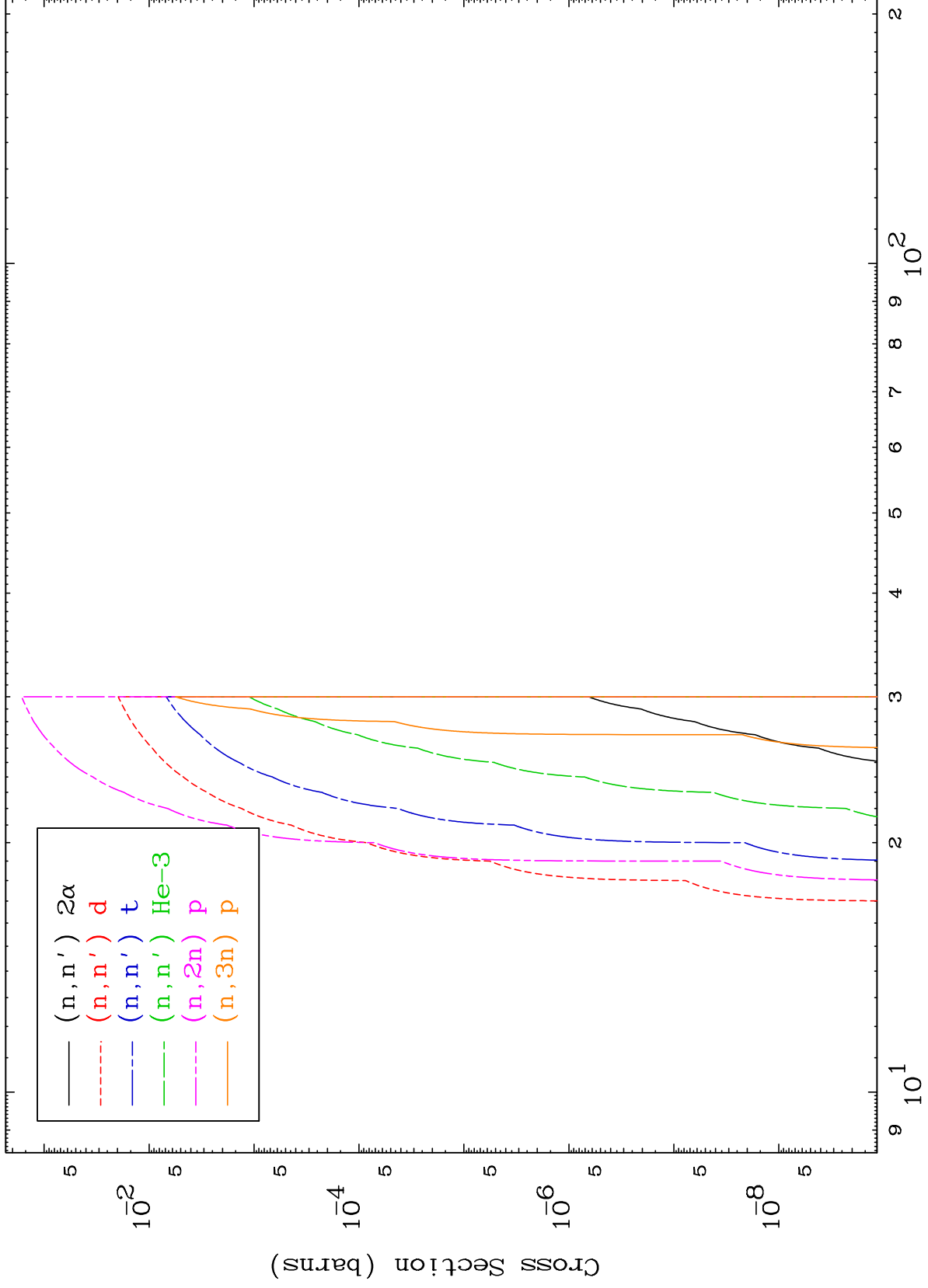
Incident Energy (MeV)

42-Mo-94

MAT 4231

Neutron Production
293 Kelvin Cross Sections

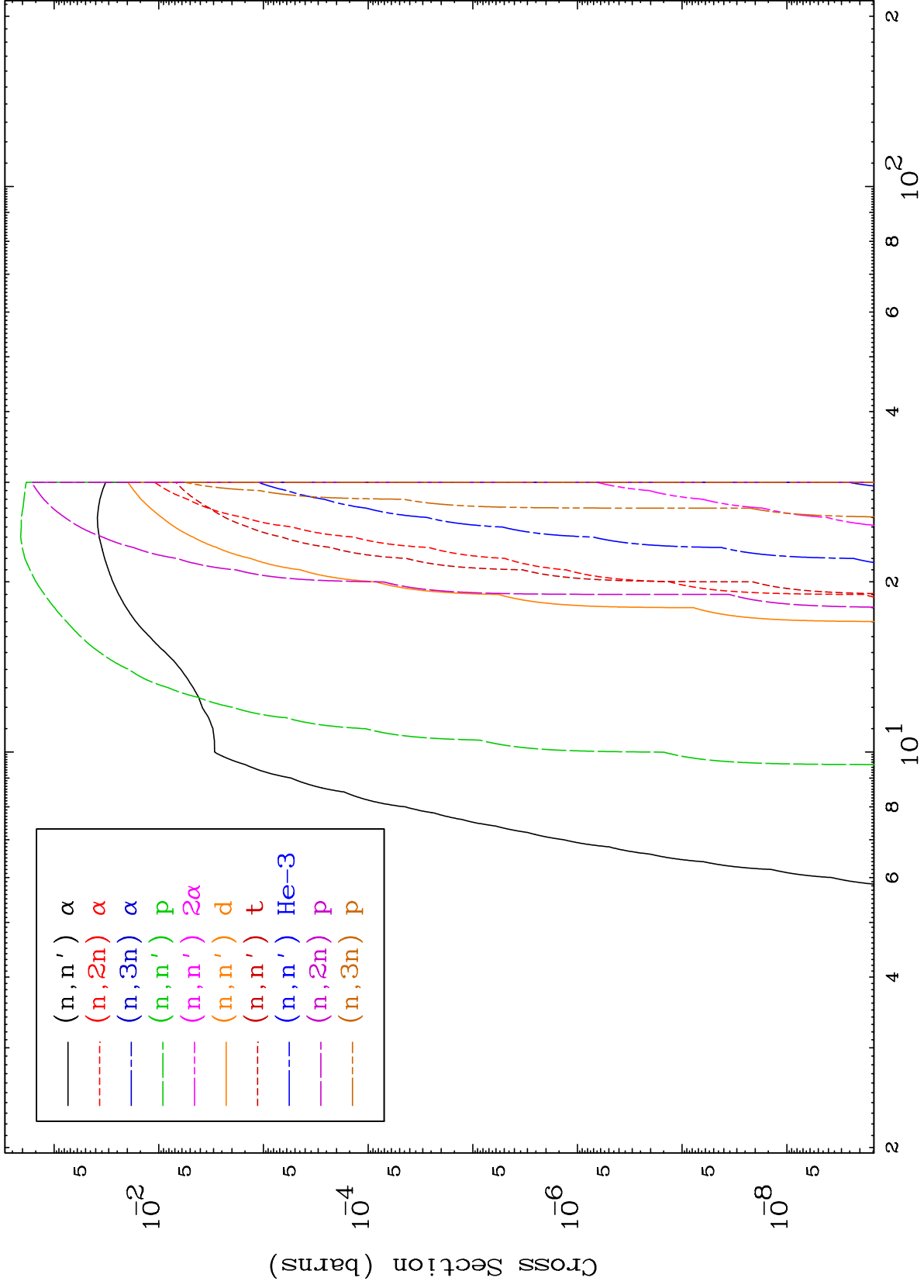
42-Mo-94



3

Incident Energy (MeV)

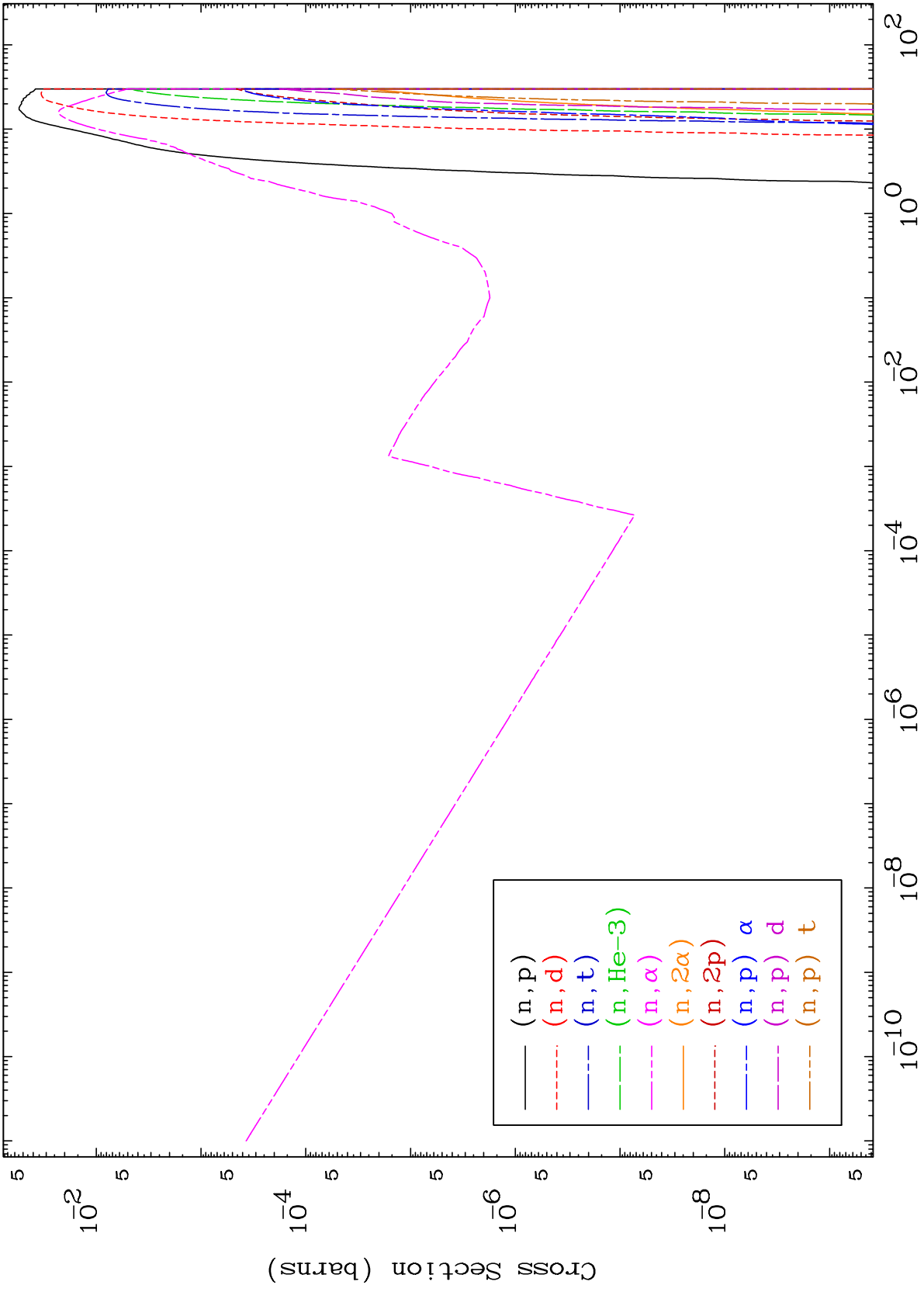
42-Mo-94



MAT 4231

Charged Particle
293 Kelvin Cross Sections

42-Mo-94



5

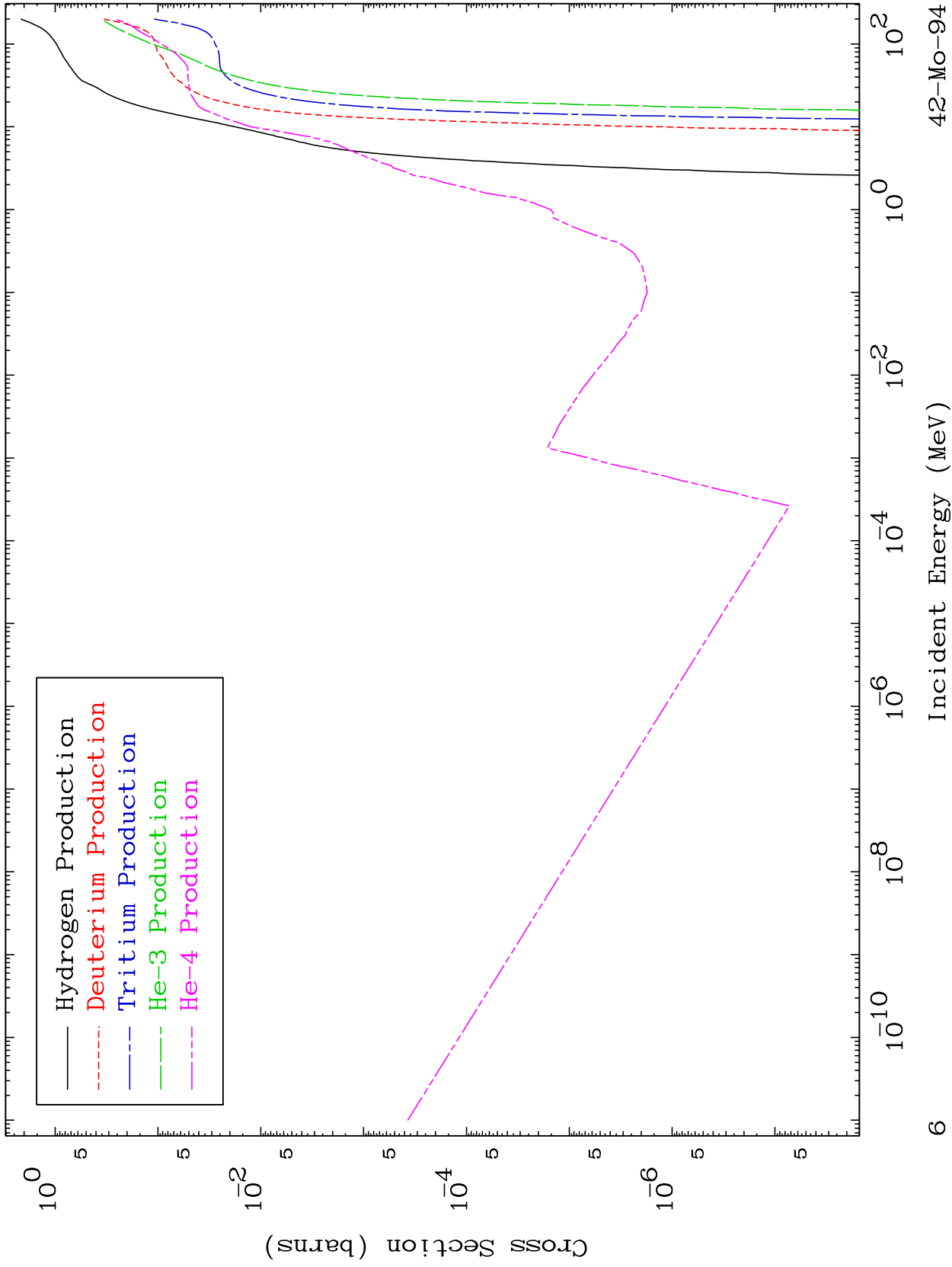
Incident Energy (MeV)

42-Mo-94

MAT 4231

Particle Production
293 Kelvin Cross Sections

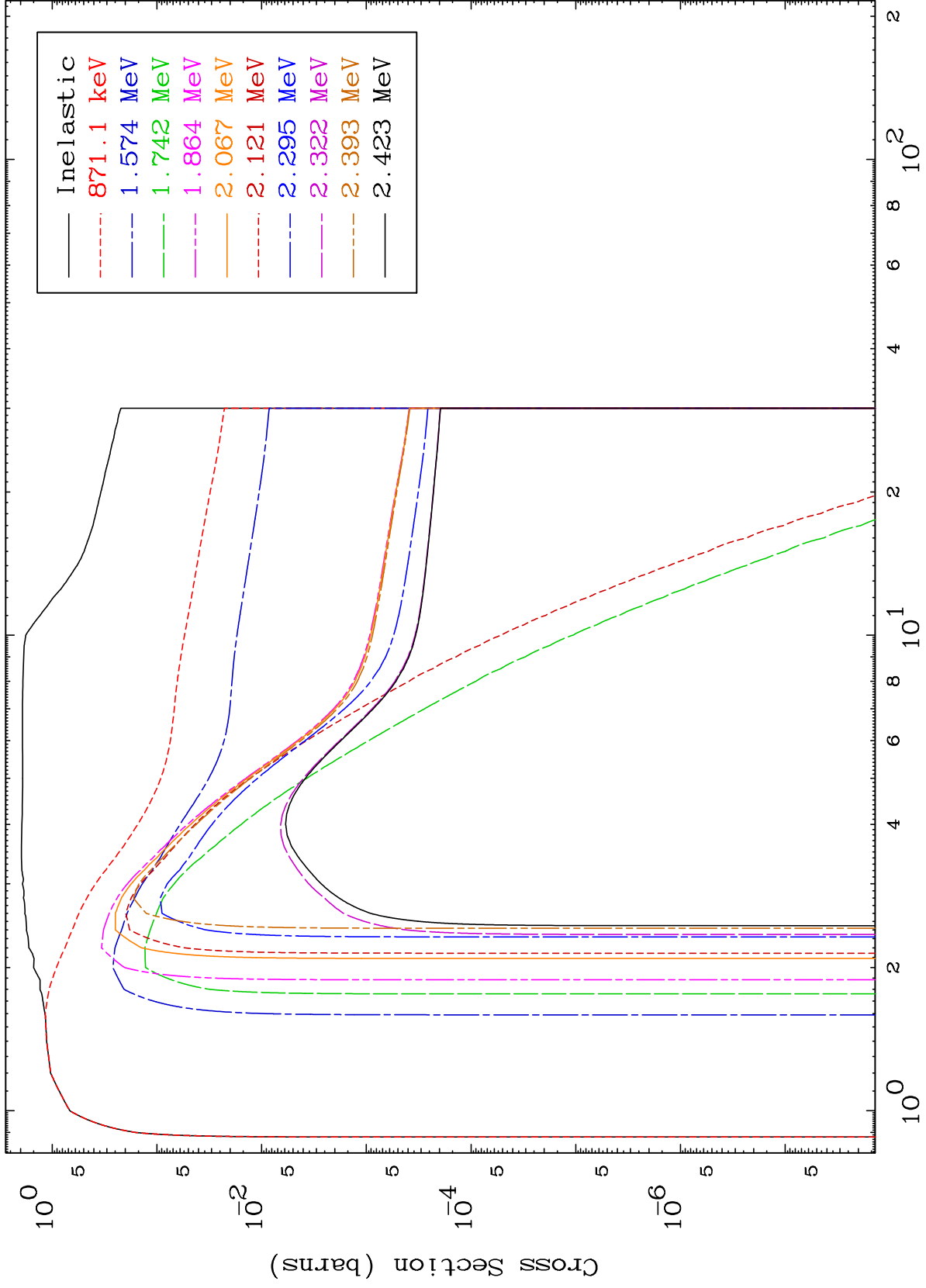
42-Mo-94



MAT 4231

(n,n') Level
293 Kelvin Cross Sections

42-Mo-94



7

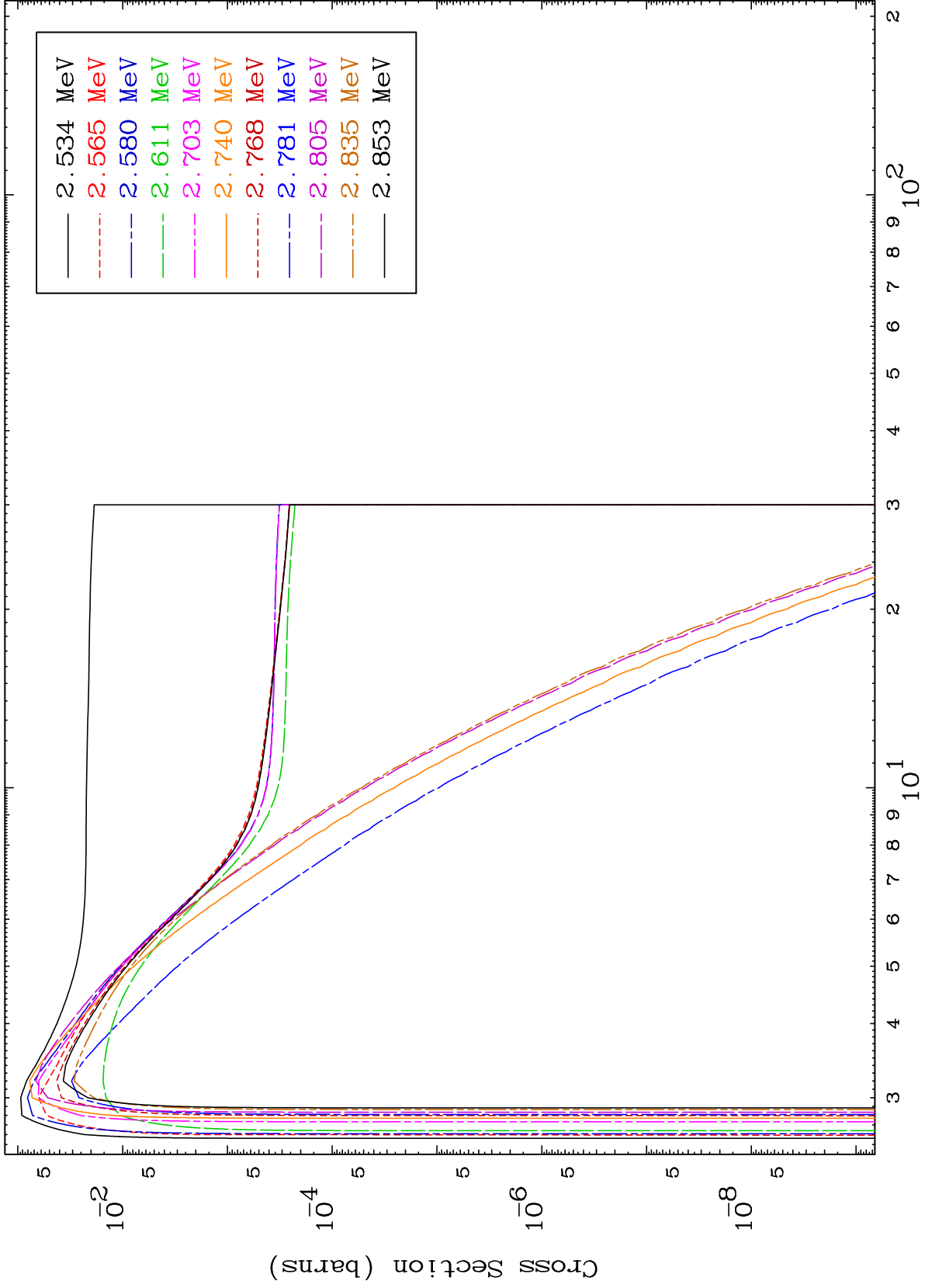
Incident Energy (MeV)

42-Mo-94

MAT 4231

(n,n') Level
293 Kelvin Cross Sections

42-Mo-94

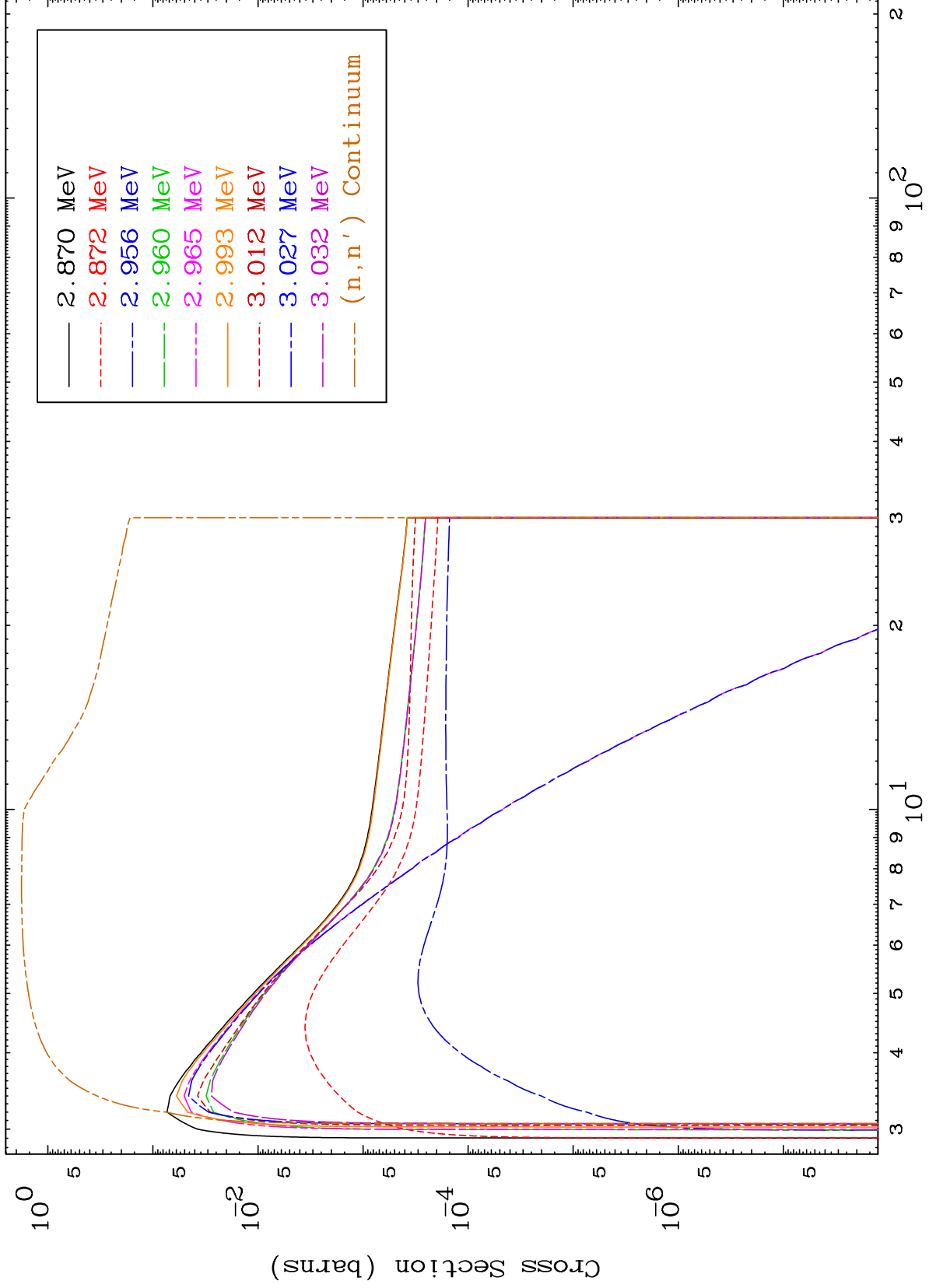


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Incident Energy (MeV)

42-Mo-94

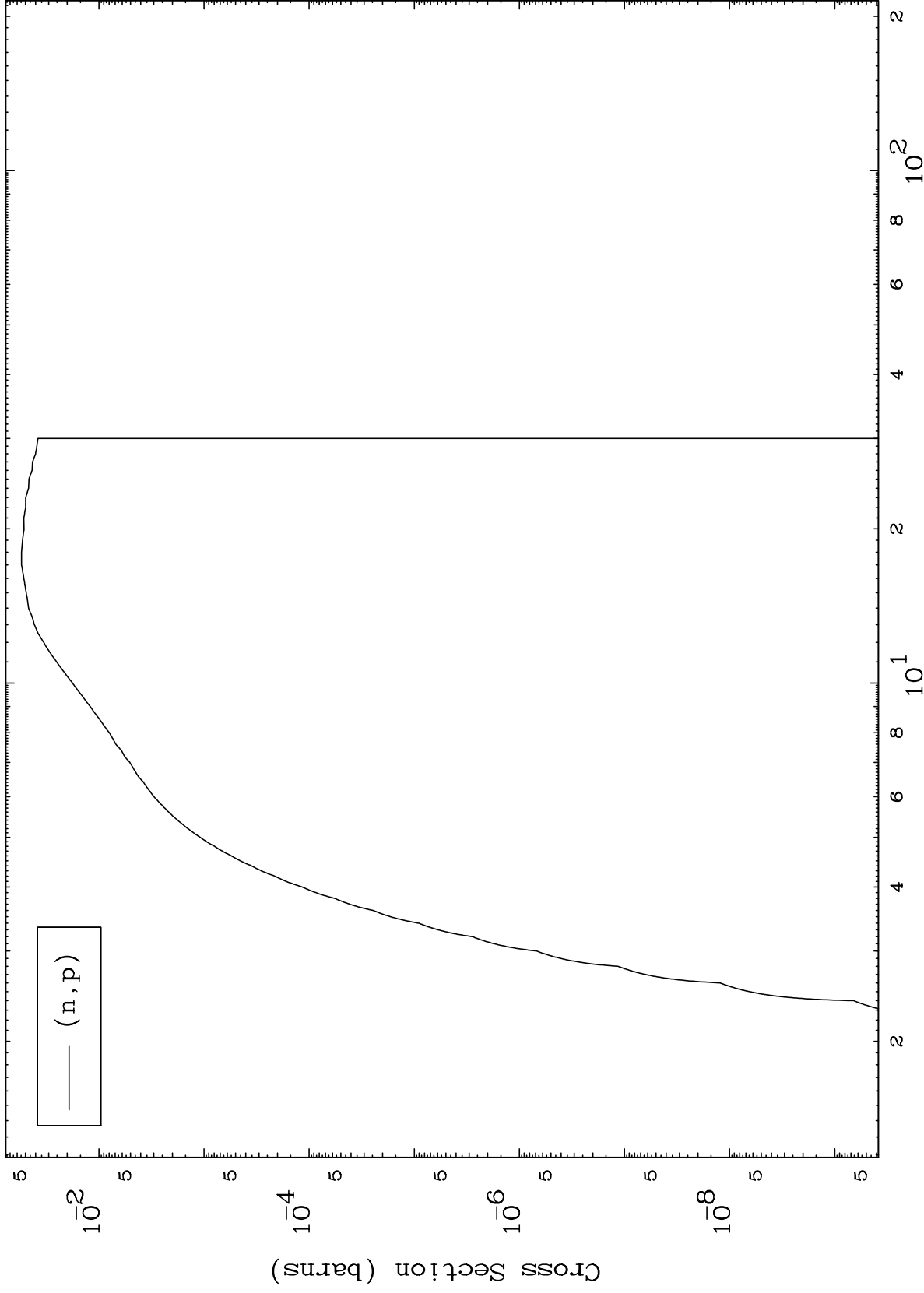
293 Kelvin Cross Sections



MAT 4231

(n,p) Levels
293 Kelvin Cross Sections

42-Mo-94



10

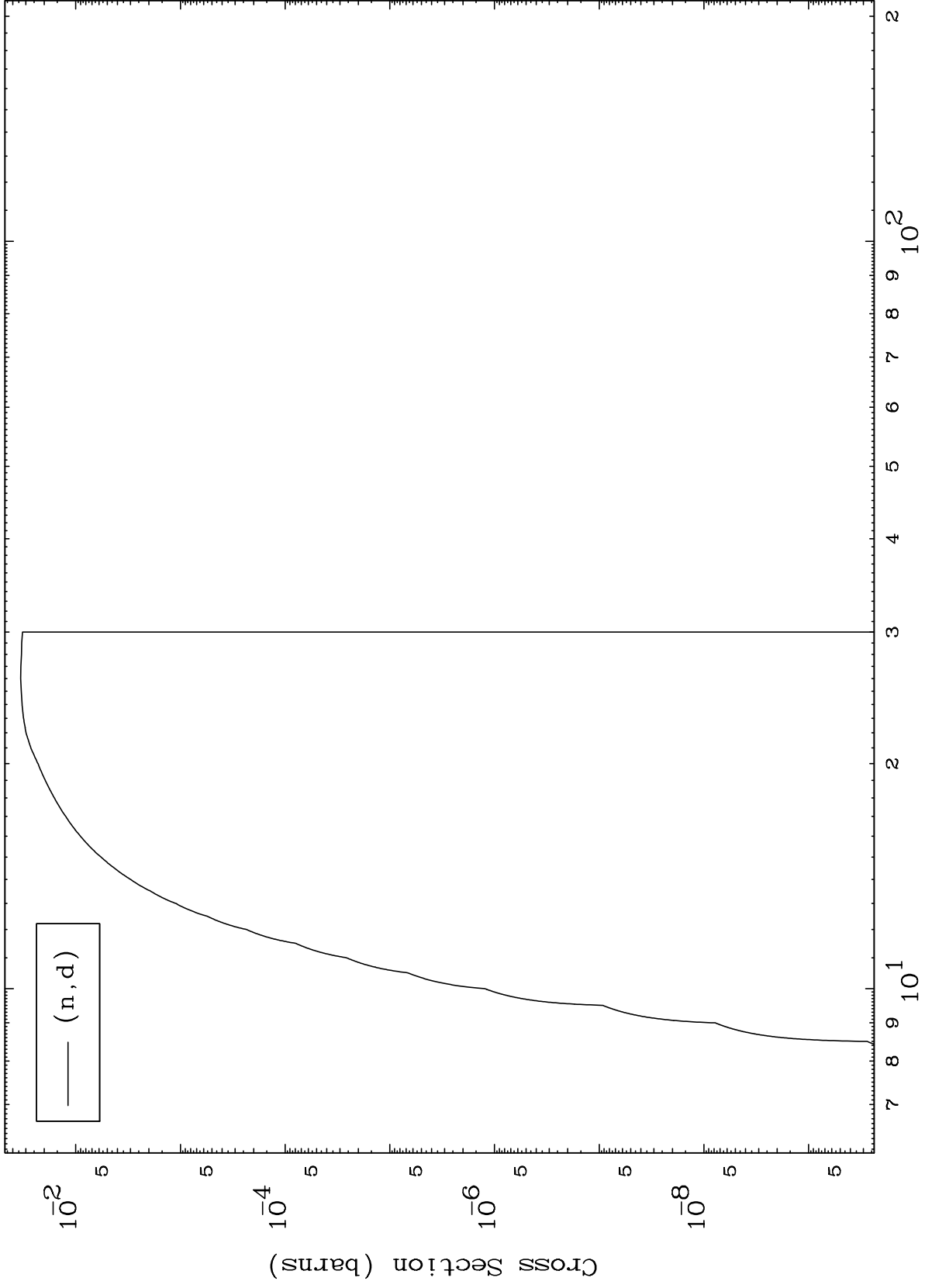
Incident Energy (MeV)

42-Mo-94

MAT 4231

(n,d) Levels
293 Kelvin Cross Sections

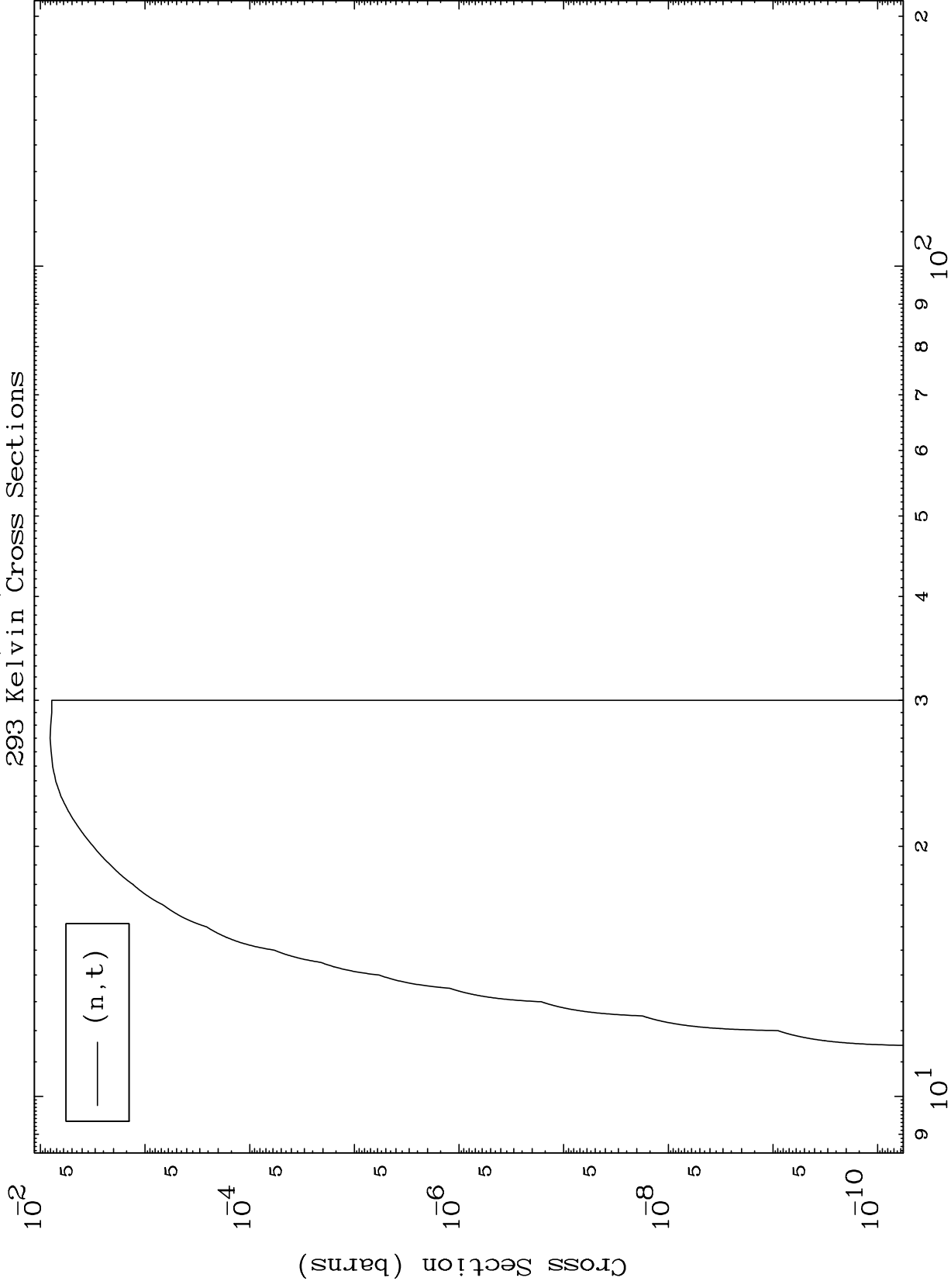
42-Mo-94



MAT 4231

(n,t) Levels
293 Kelvin Cross Sections

42-Mo-94



12

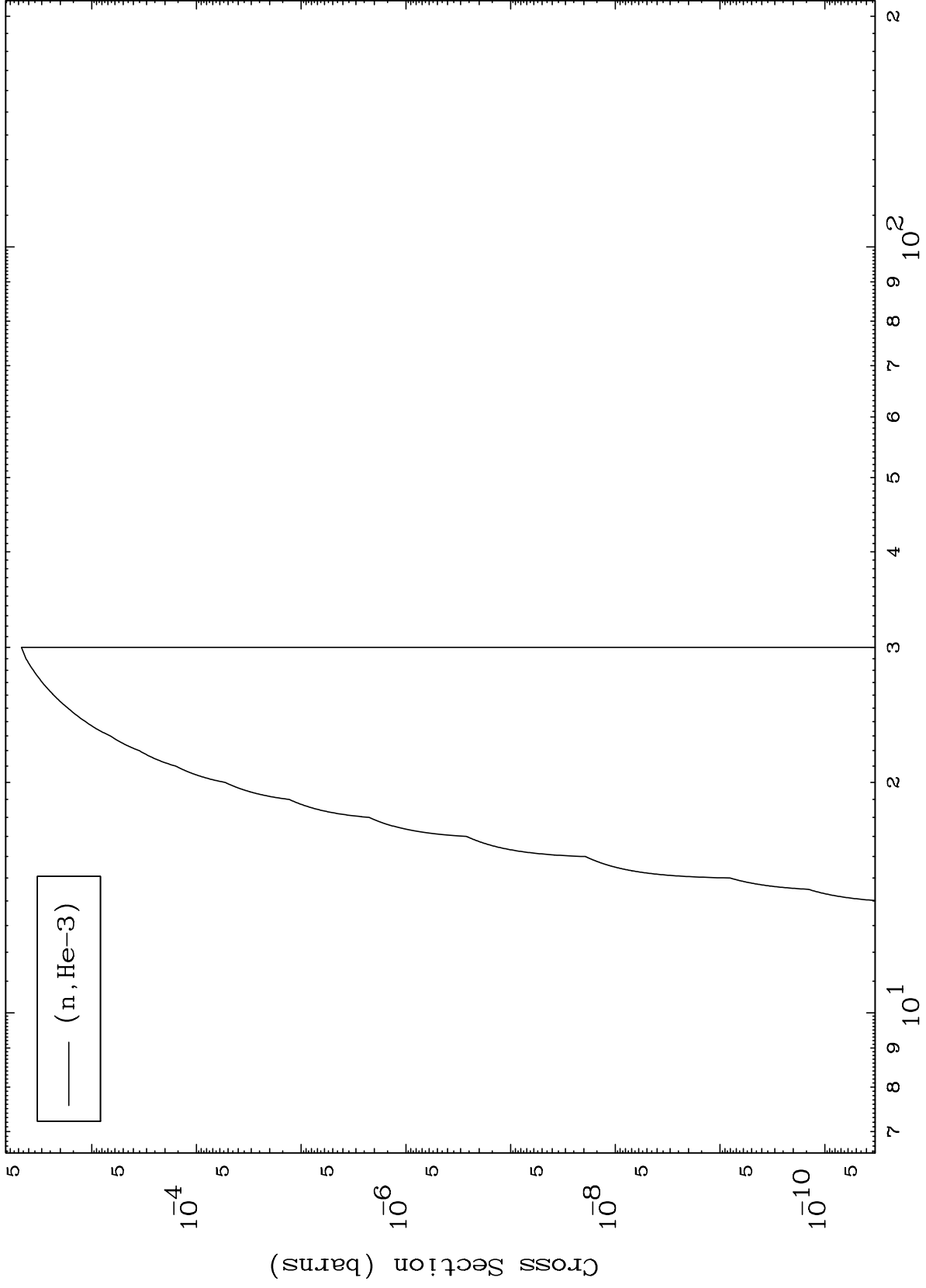
Incident Energy (MeV)

42-Mo-94

MAT 4231

(n,He3) Levels
293 Kelvin Cross Sections

42-Mo-94



13

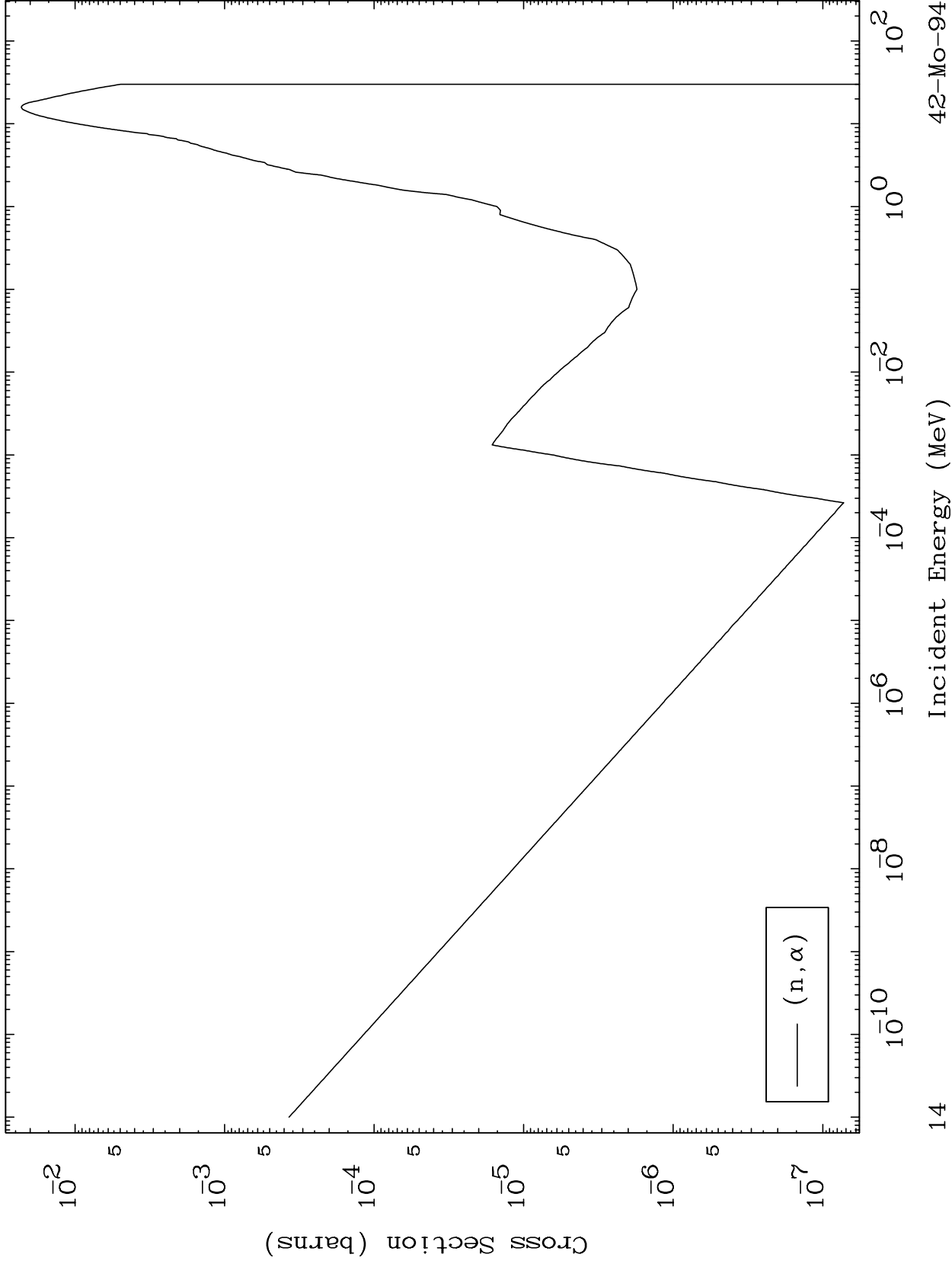
Incident Energy (MeV)

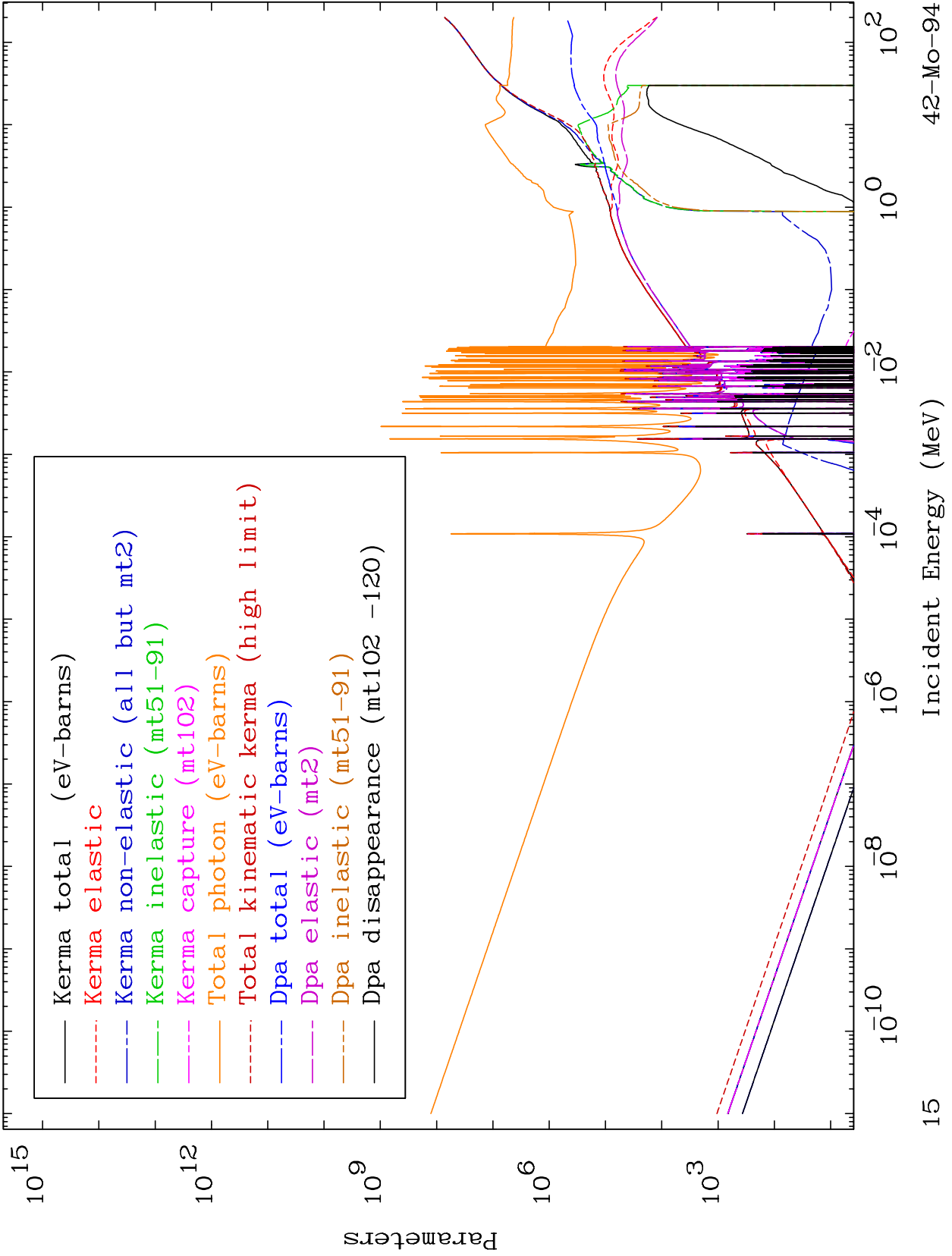
42-Mo-94

MAT 4231

(n, α) Levels
293 Kelvin Cross Sections

42-Mo-94

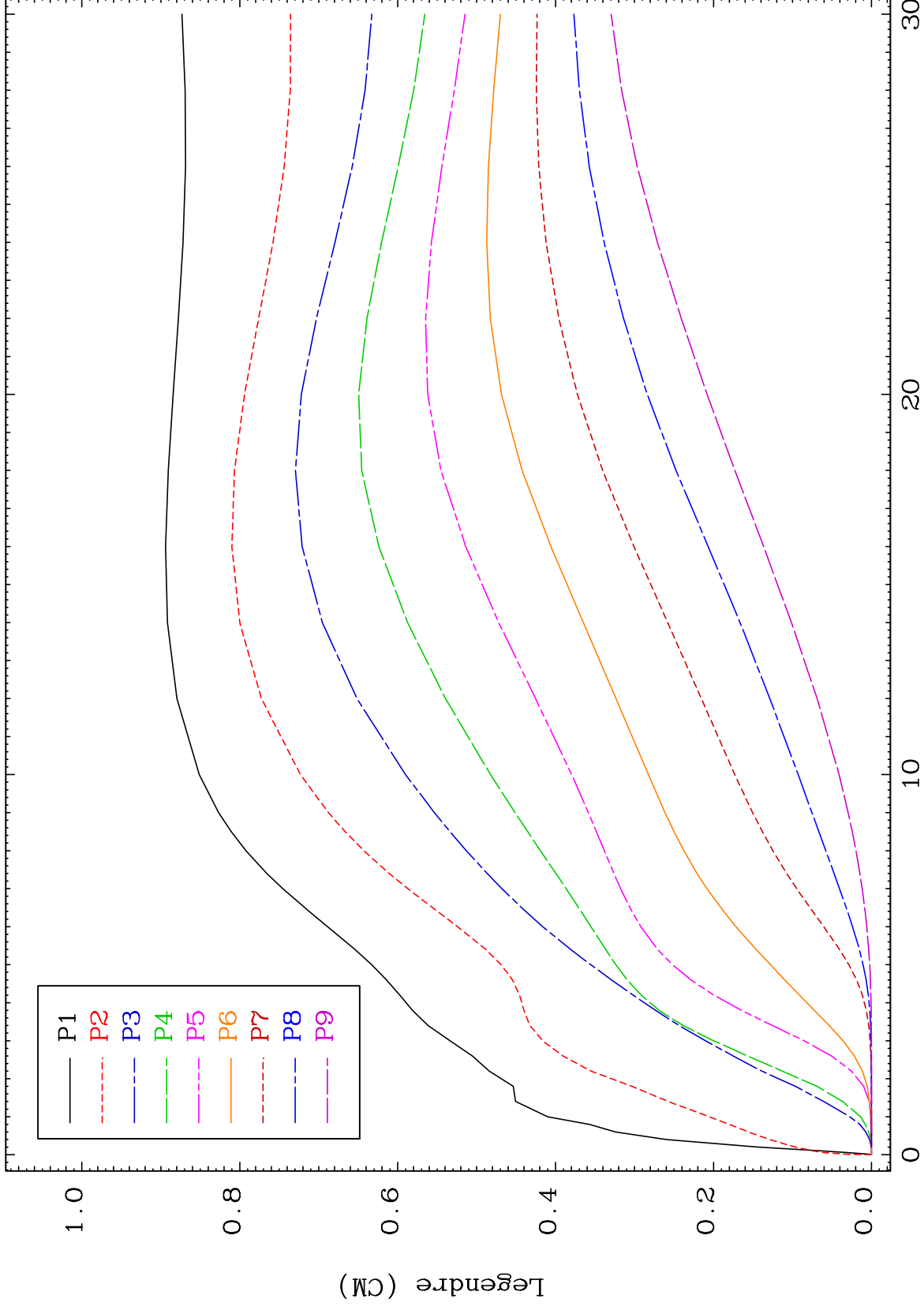




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Elastic Legendre Coefficients

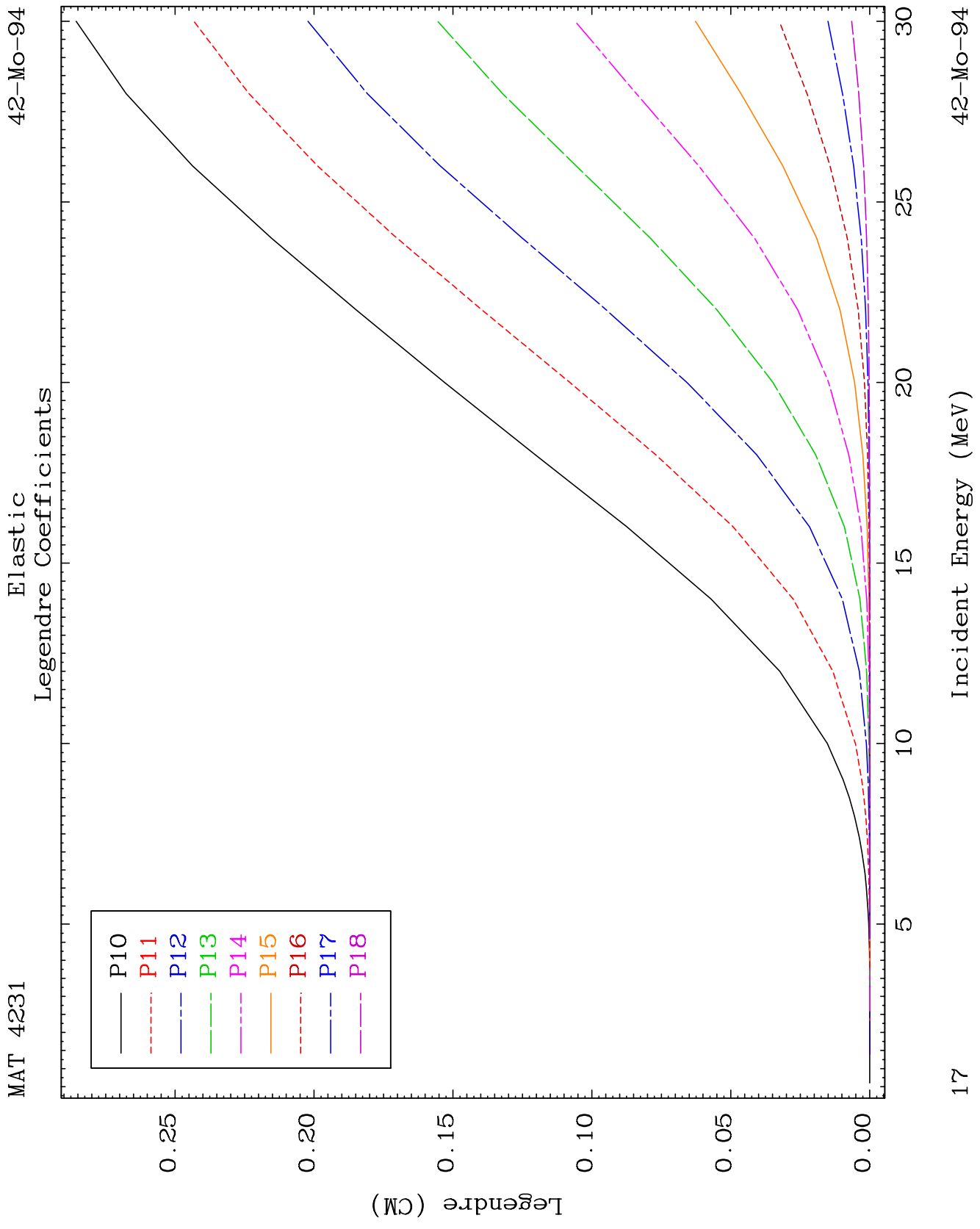
42-Mo-94



16

Incident Energy (MeV)

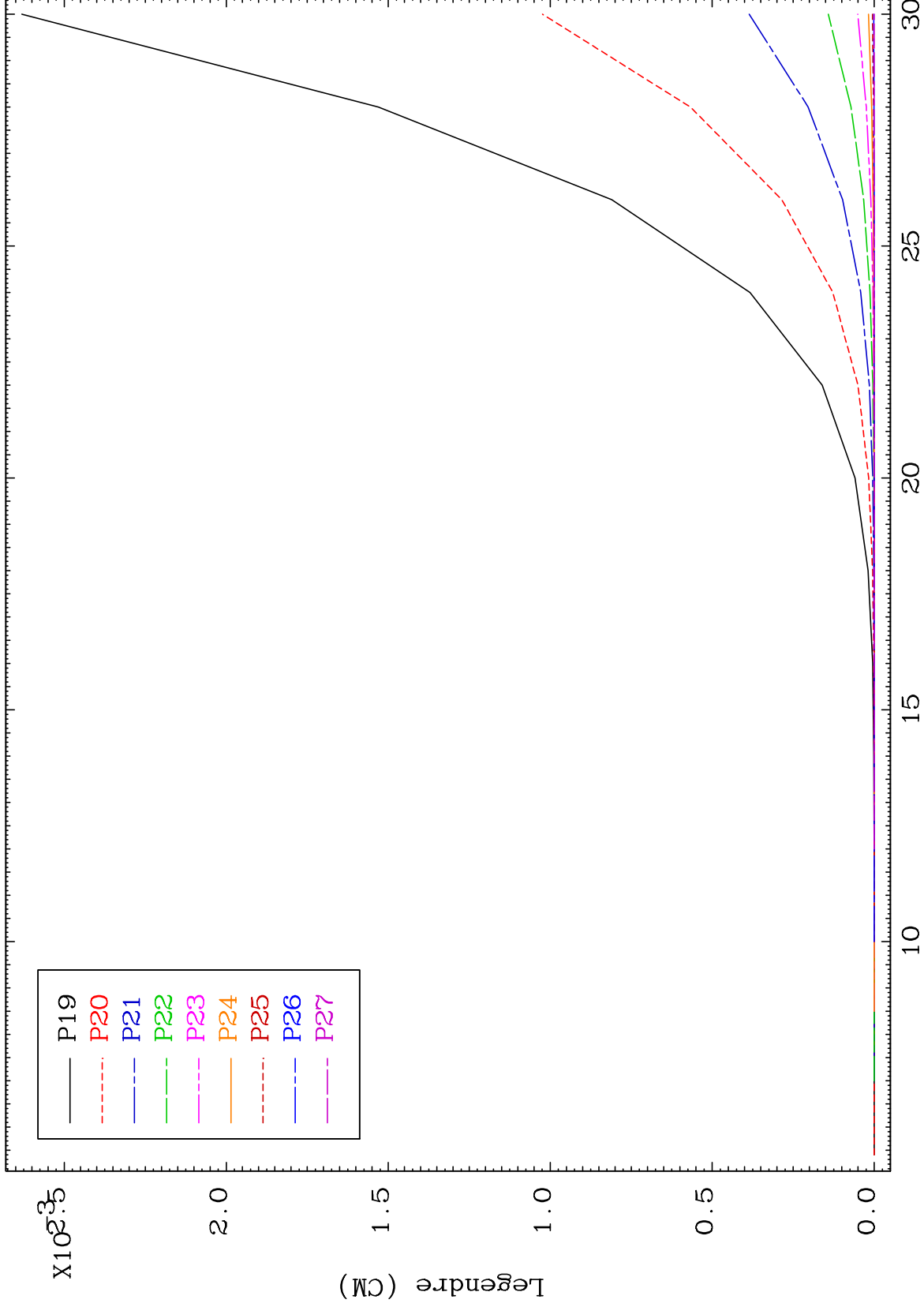
42-Mo-94



MAT 4231

Elastic
Legendre Coefficients

42-Mo-94



18

Incident Energy (MeV)

42-Mo-94

2.0

1.5

1.0

0.5

0.0

$\times 10^3$

Legendre (CM)

2.5

10

15

20

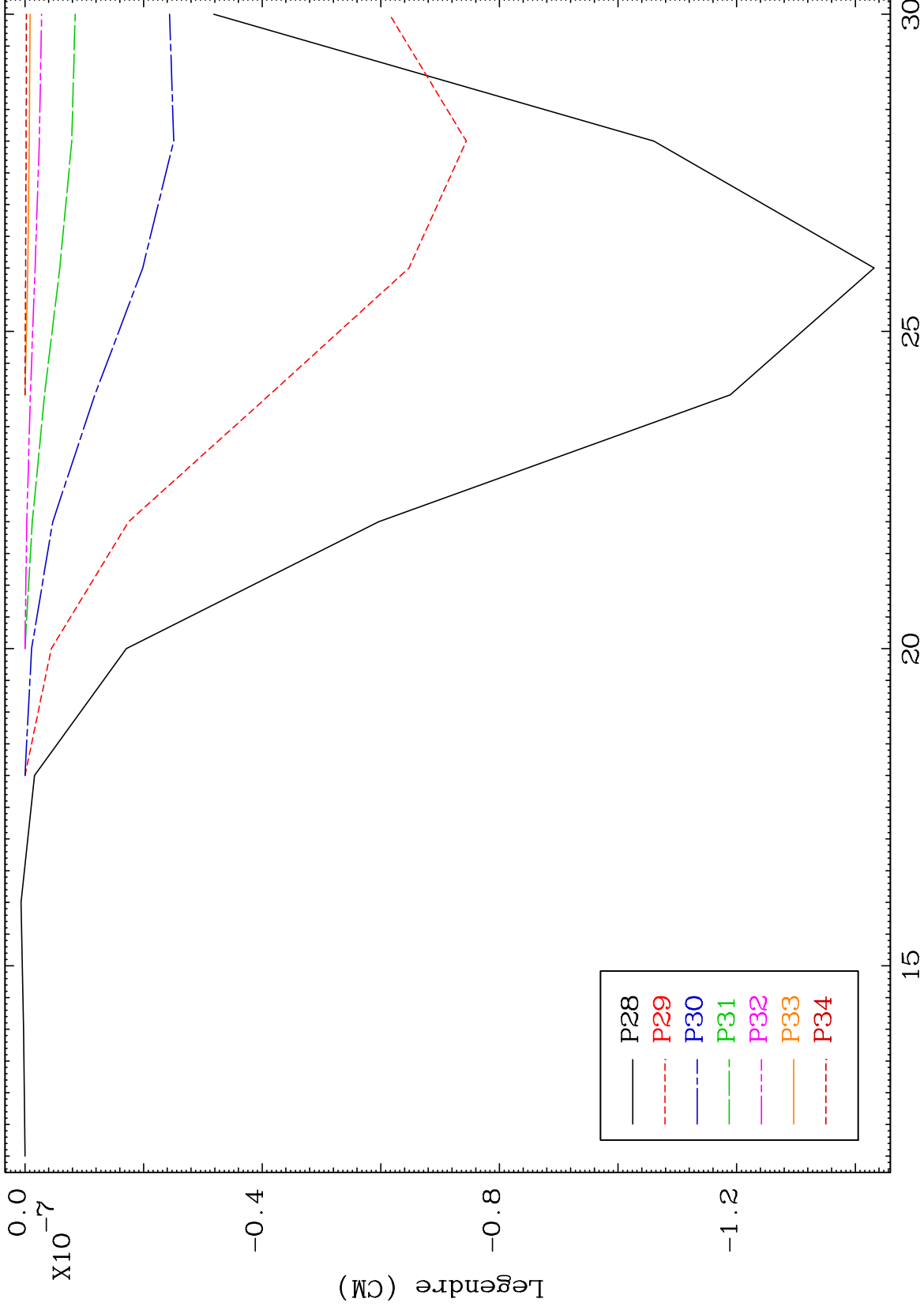
25

30

MAT 4231

42-Mo-94

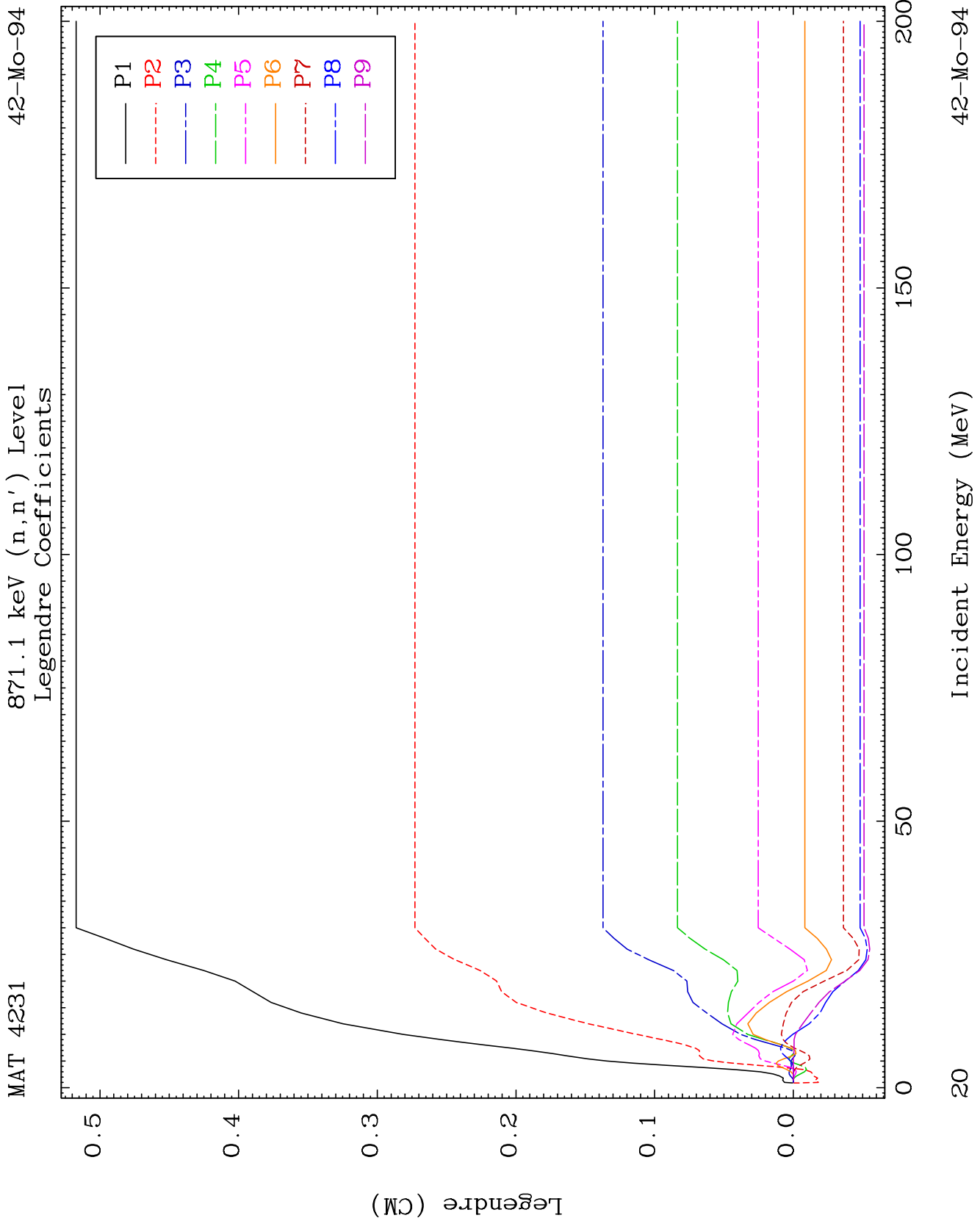
Elastic Legendre Coefficients



19

Incident Energy (MeV)

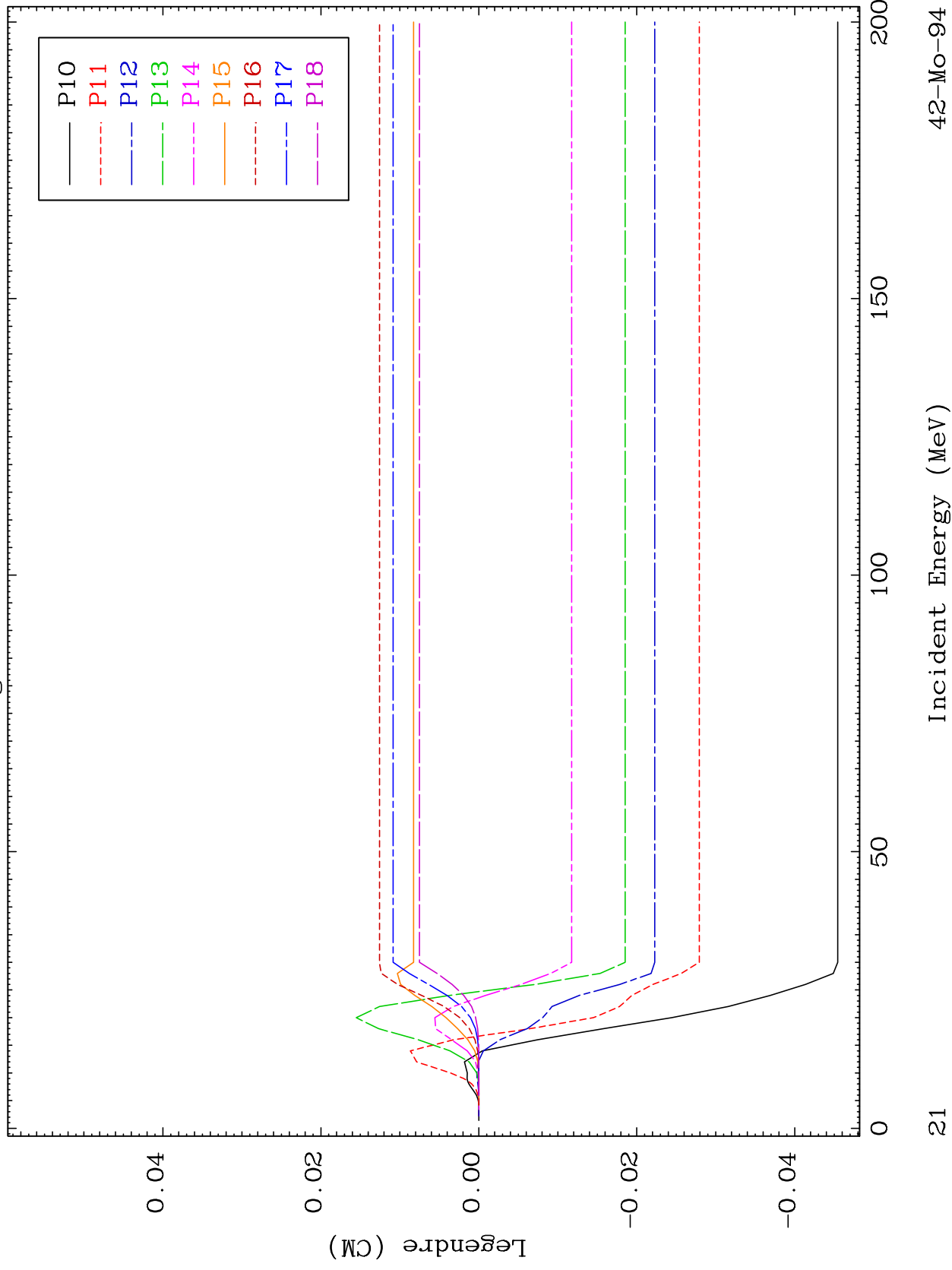
42-Mo-94



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871.1 keV (n,n') Level
Legendre Coefficients

42-Mo-94



21

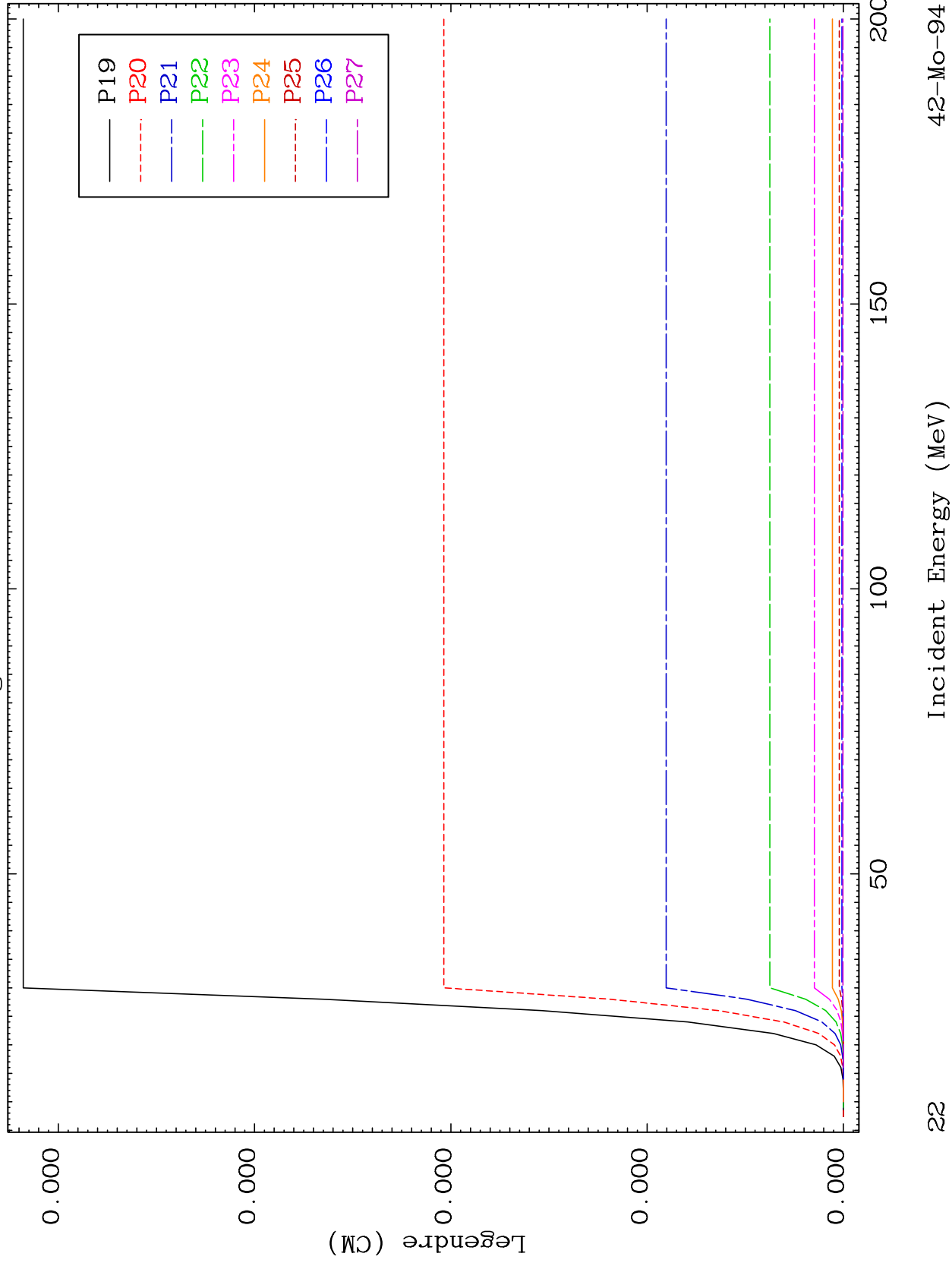
Incident Energy (MeV)

42-Mo-94

MAT 4231

871.1 keV (n,n') Level
Legendre Coefficients

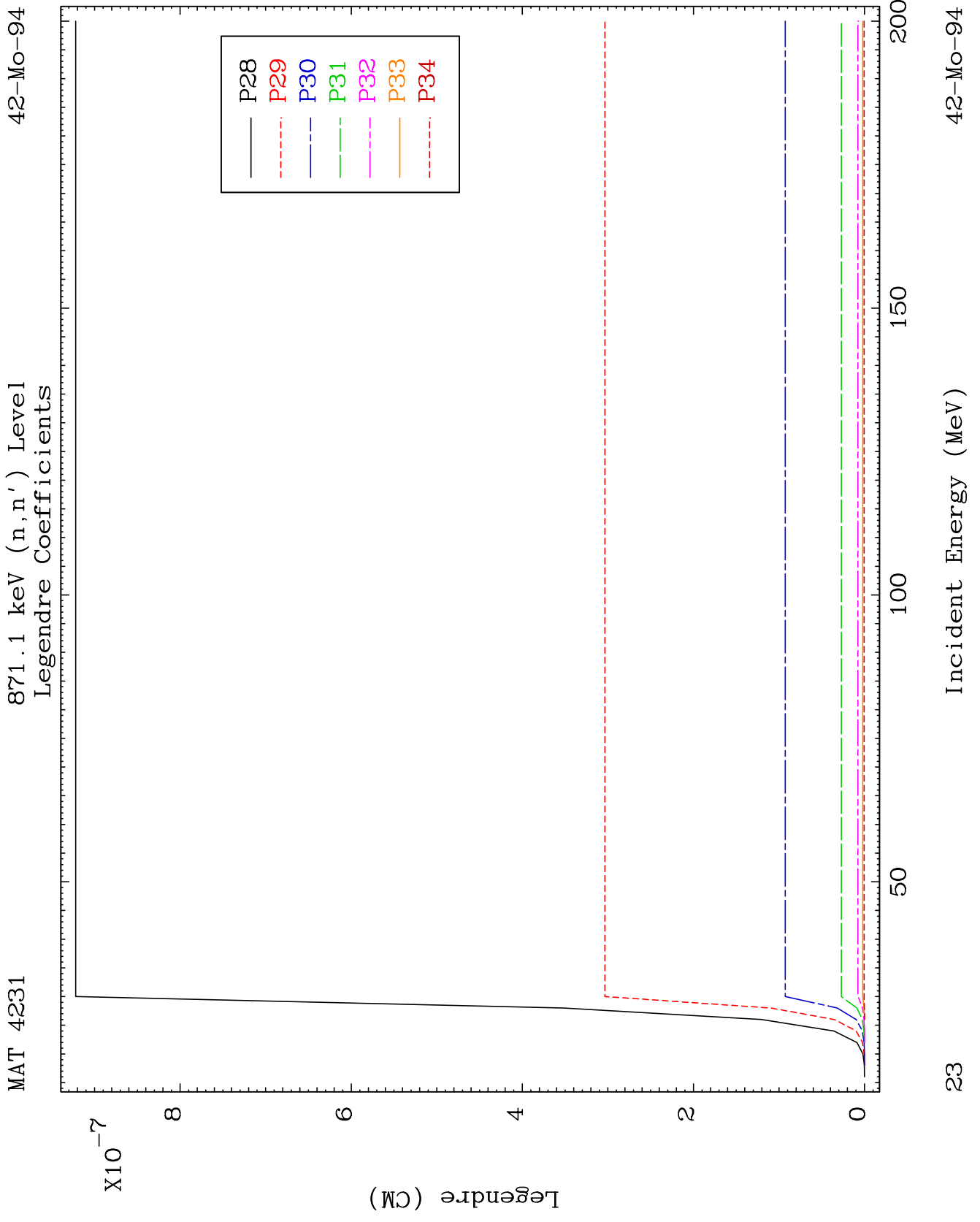
42-Mo-94

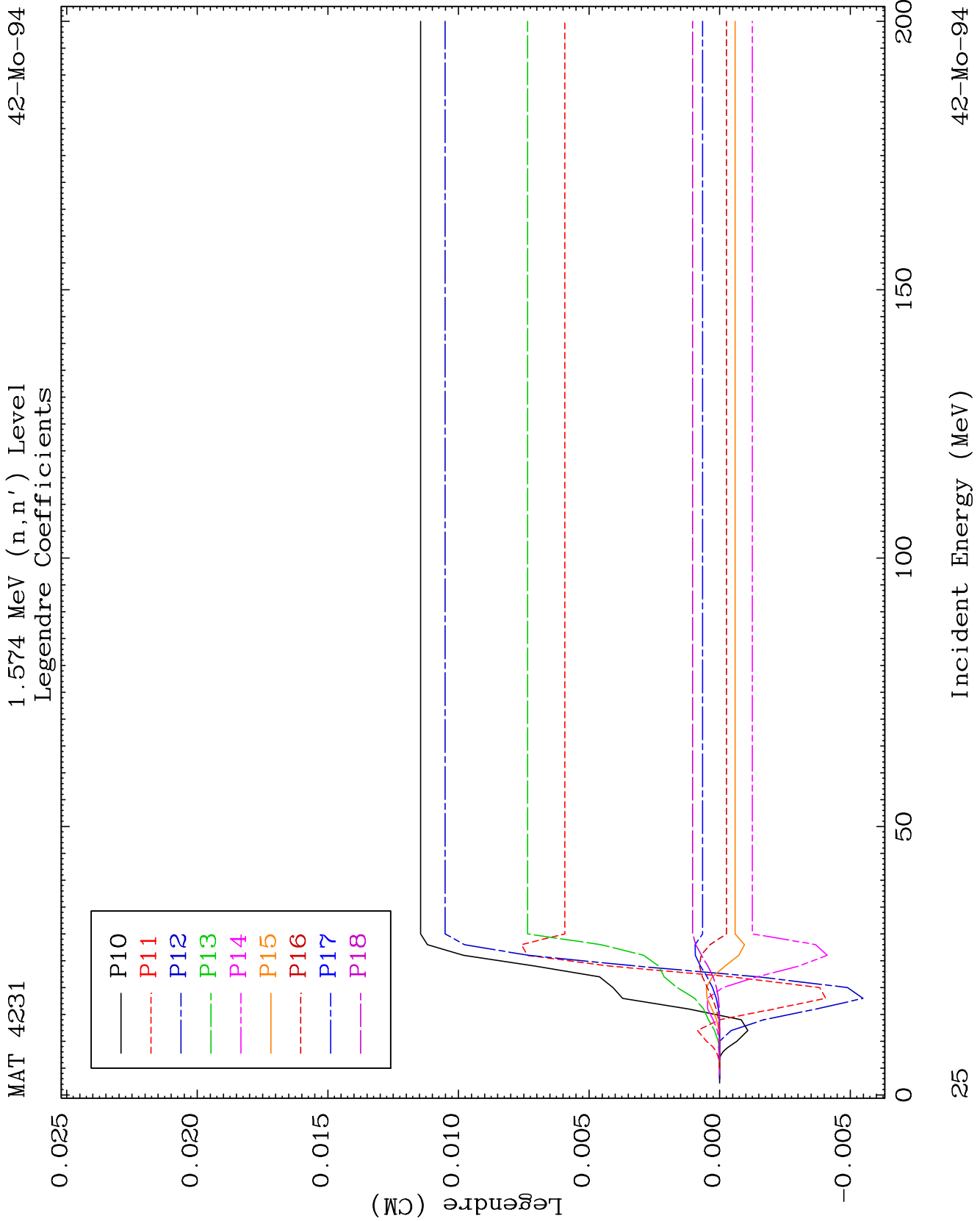


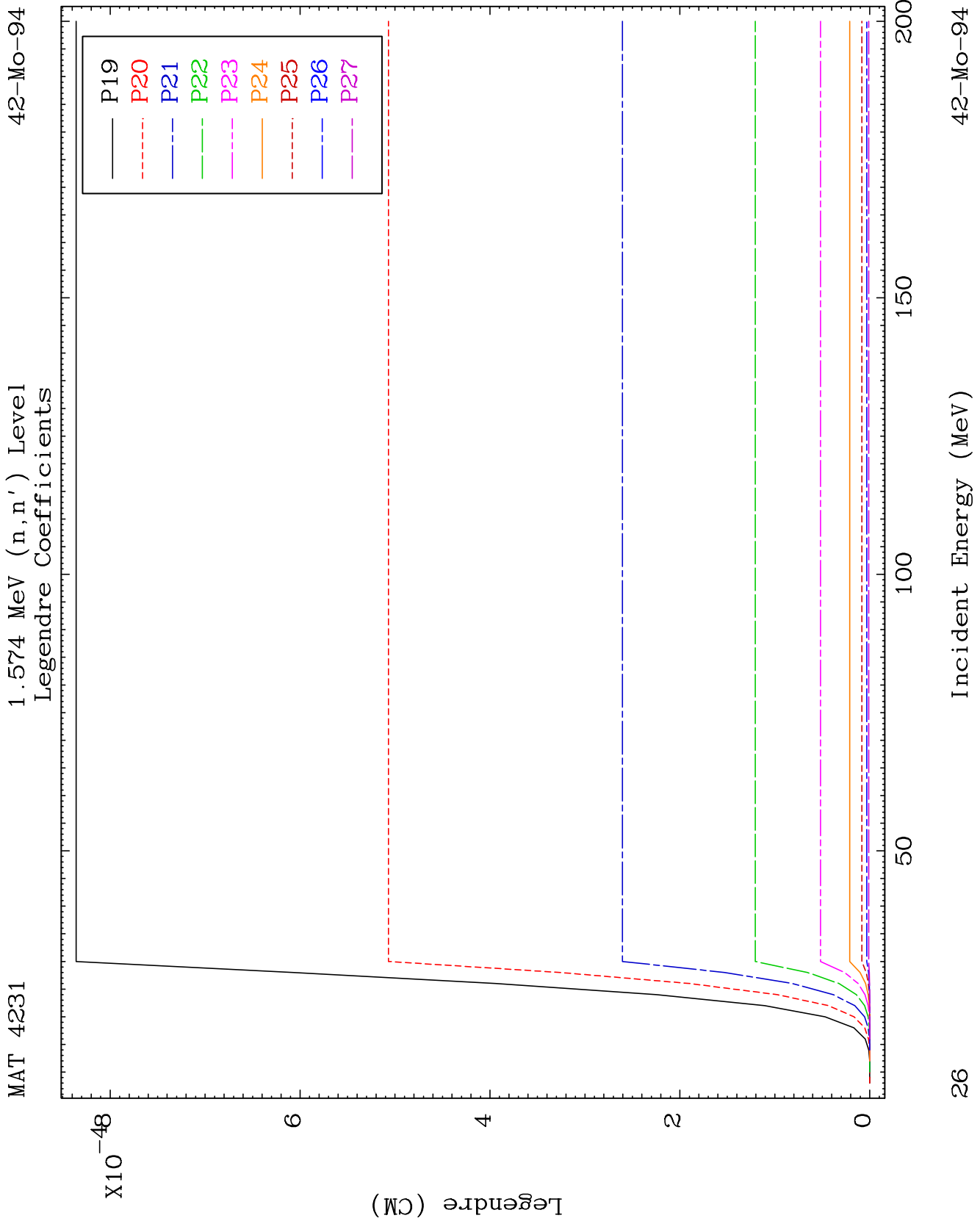
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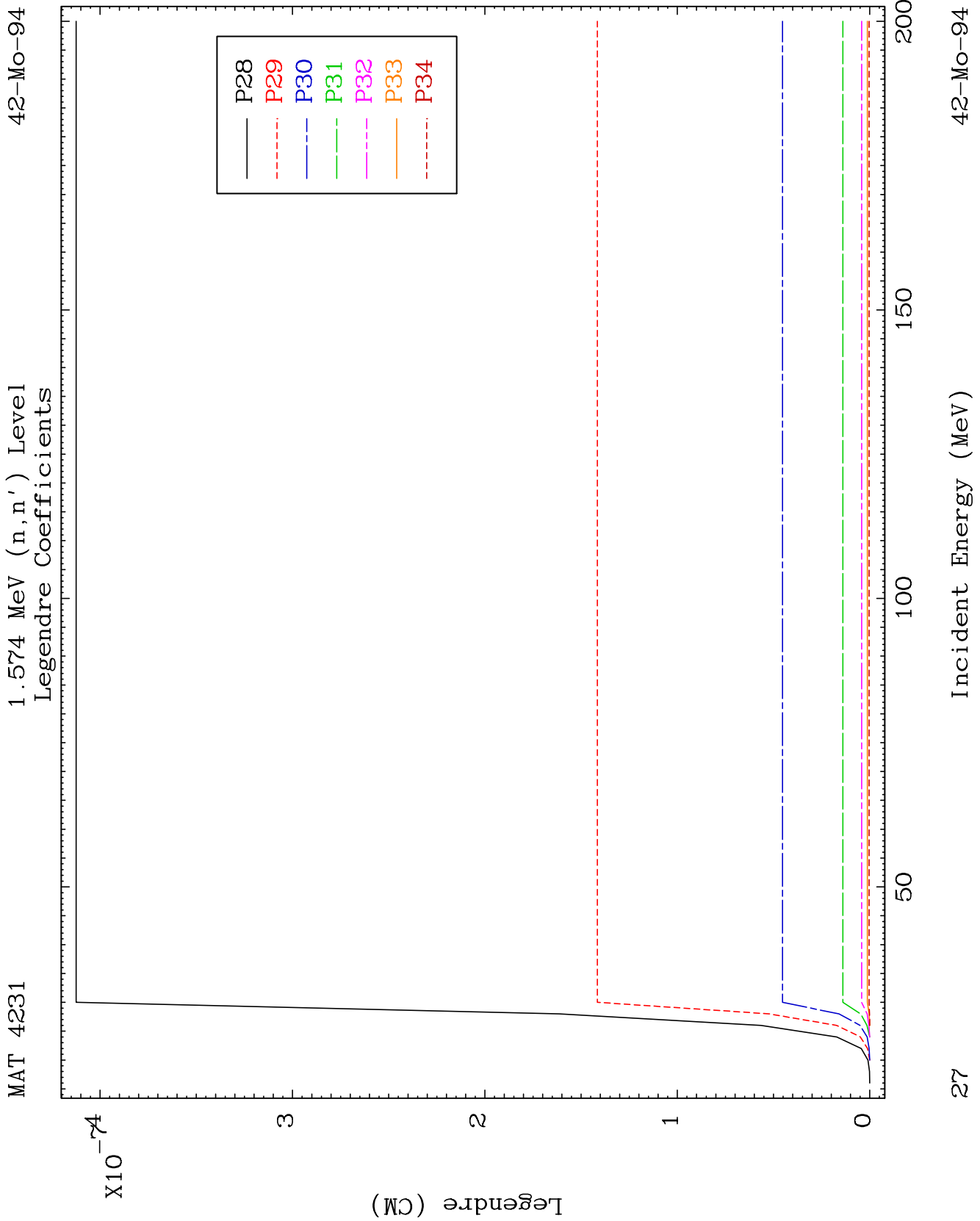
Incident Energy (MeV)

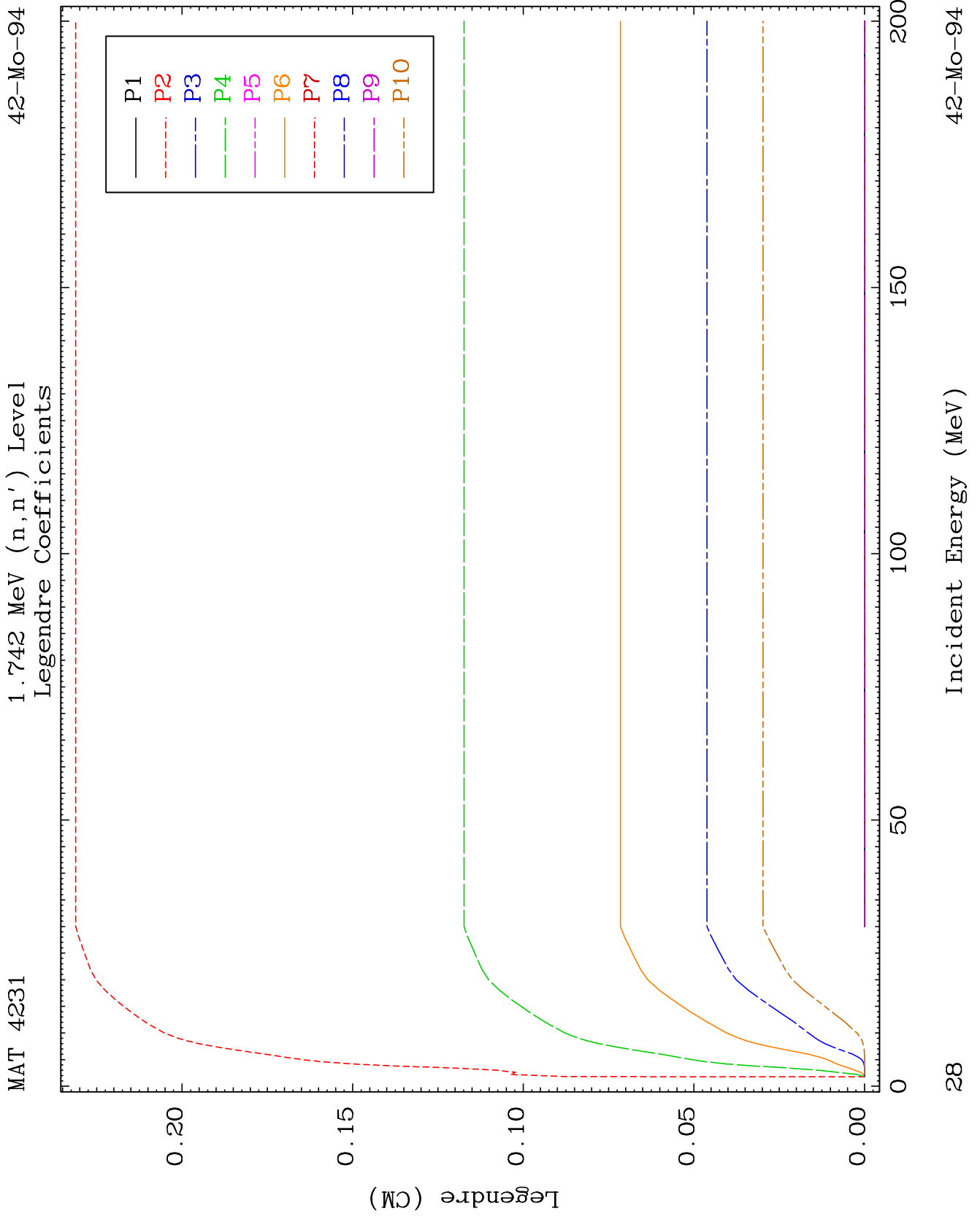
42-Mo-94

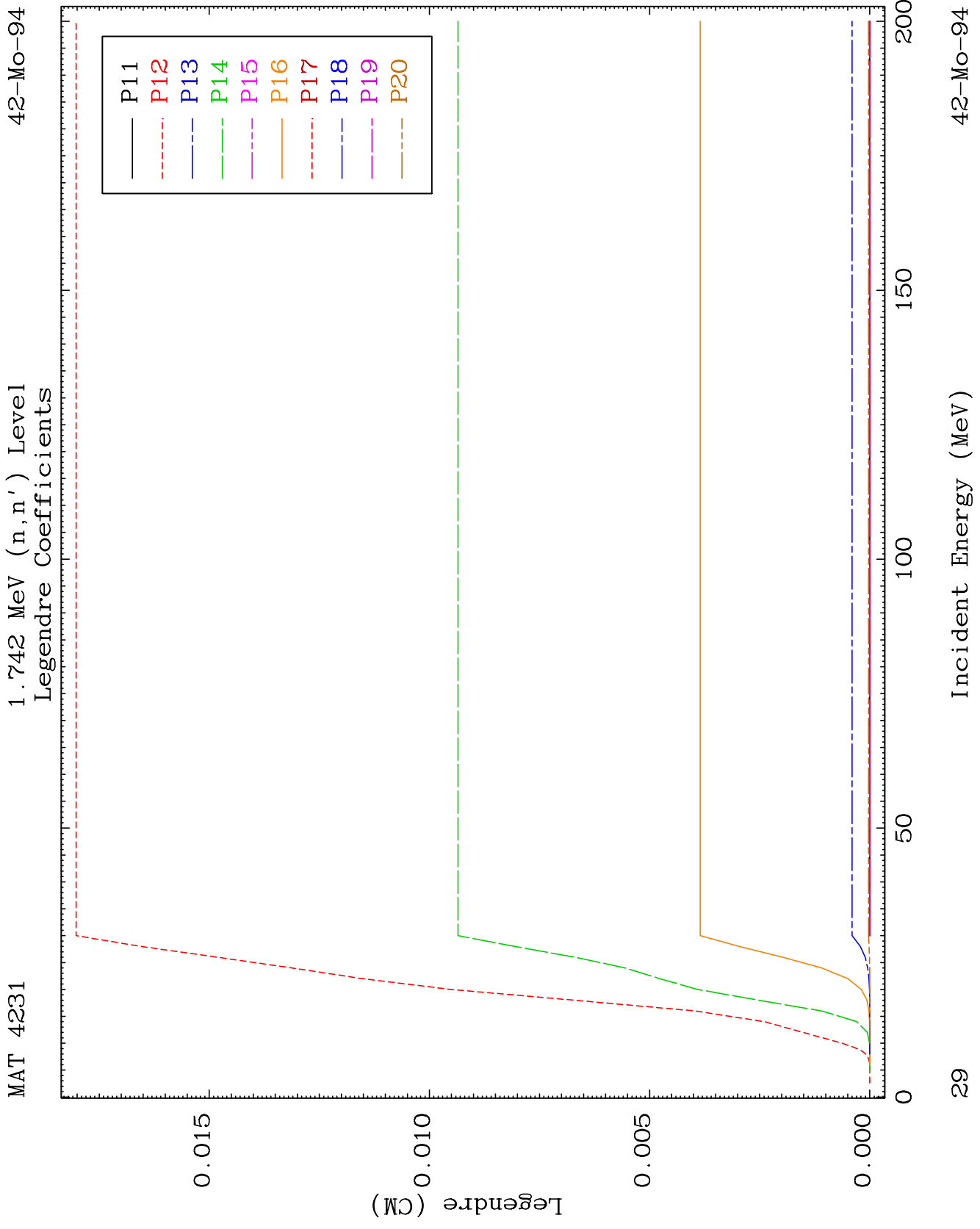


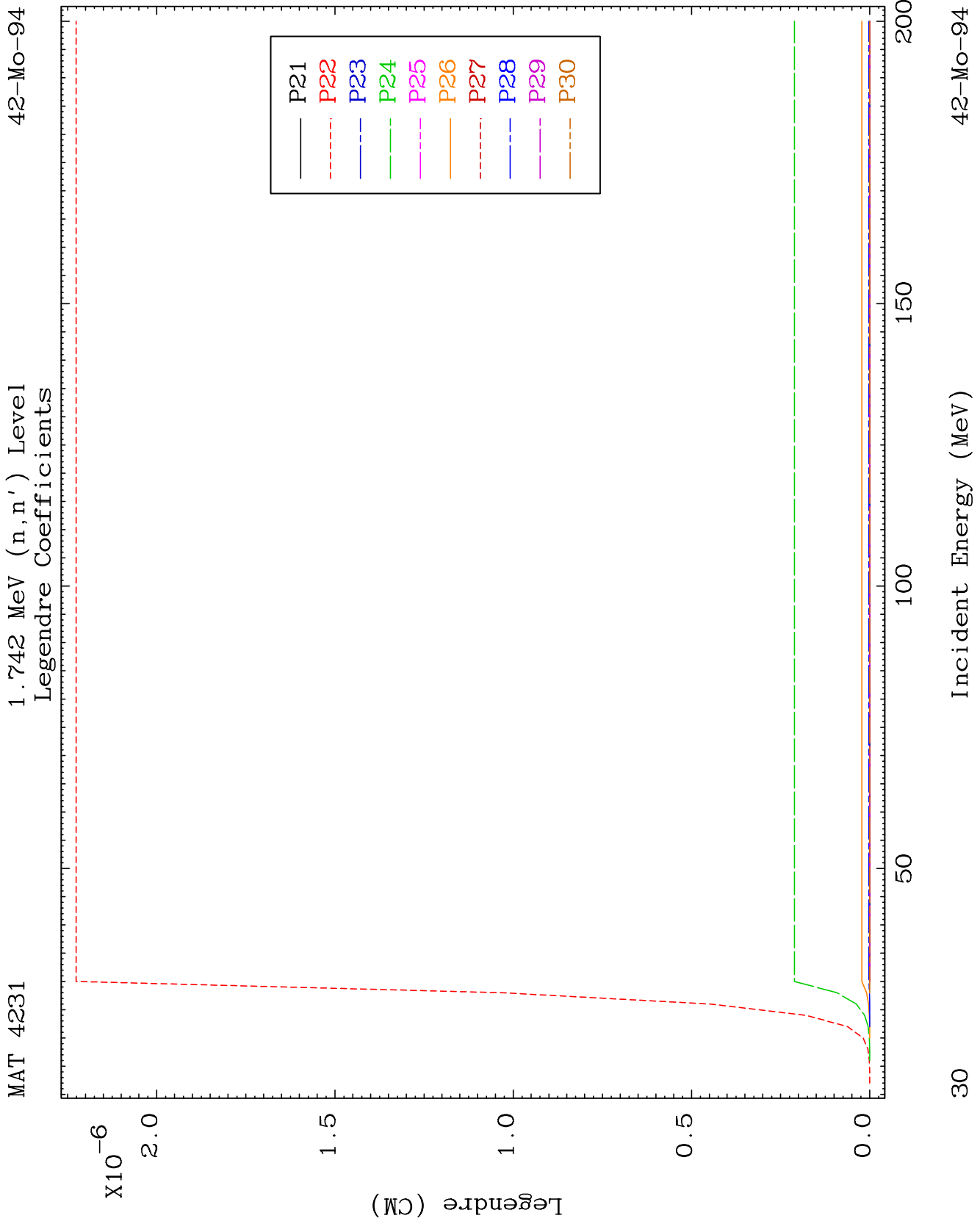


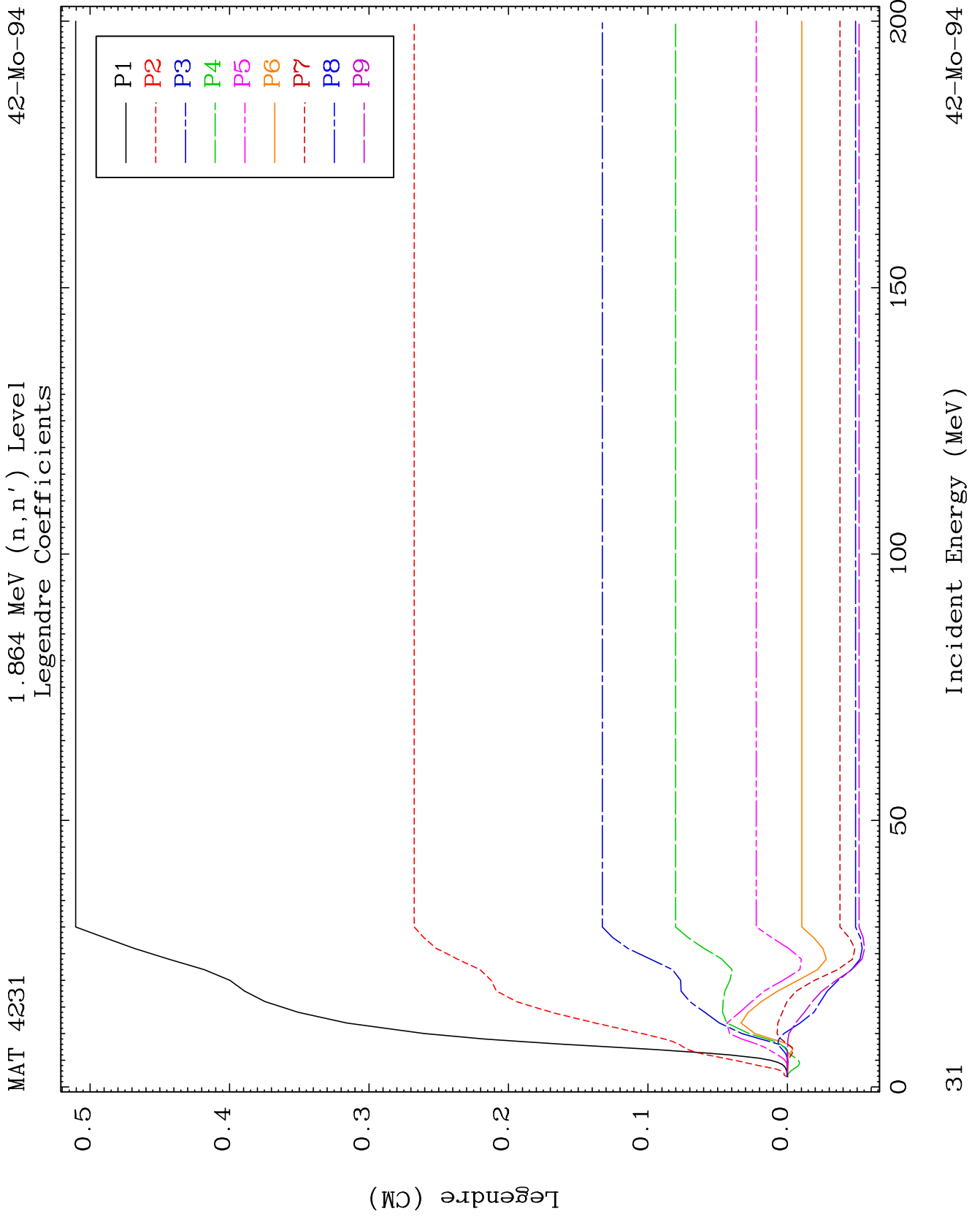








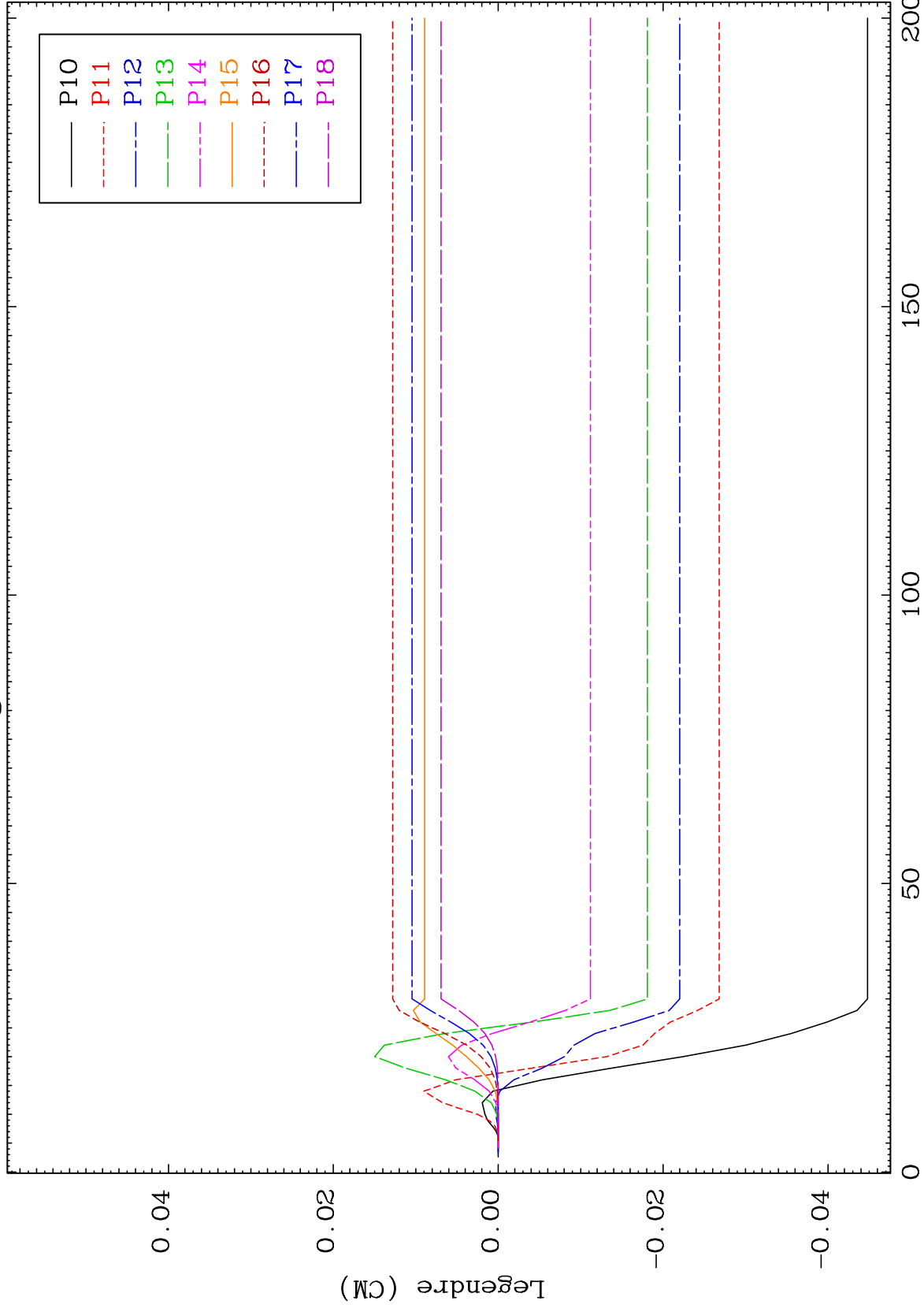




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1.864 MeV (n,n') Level
Legendre Coefficients

42-Mo-94



32

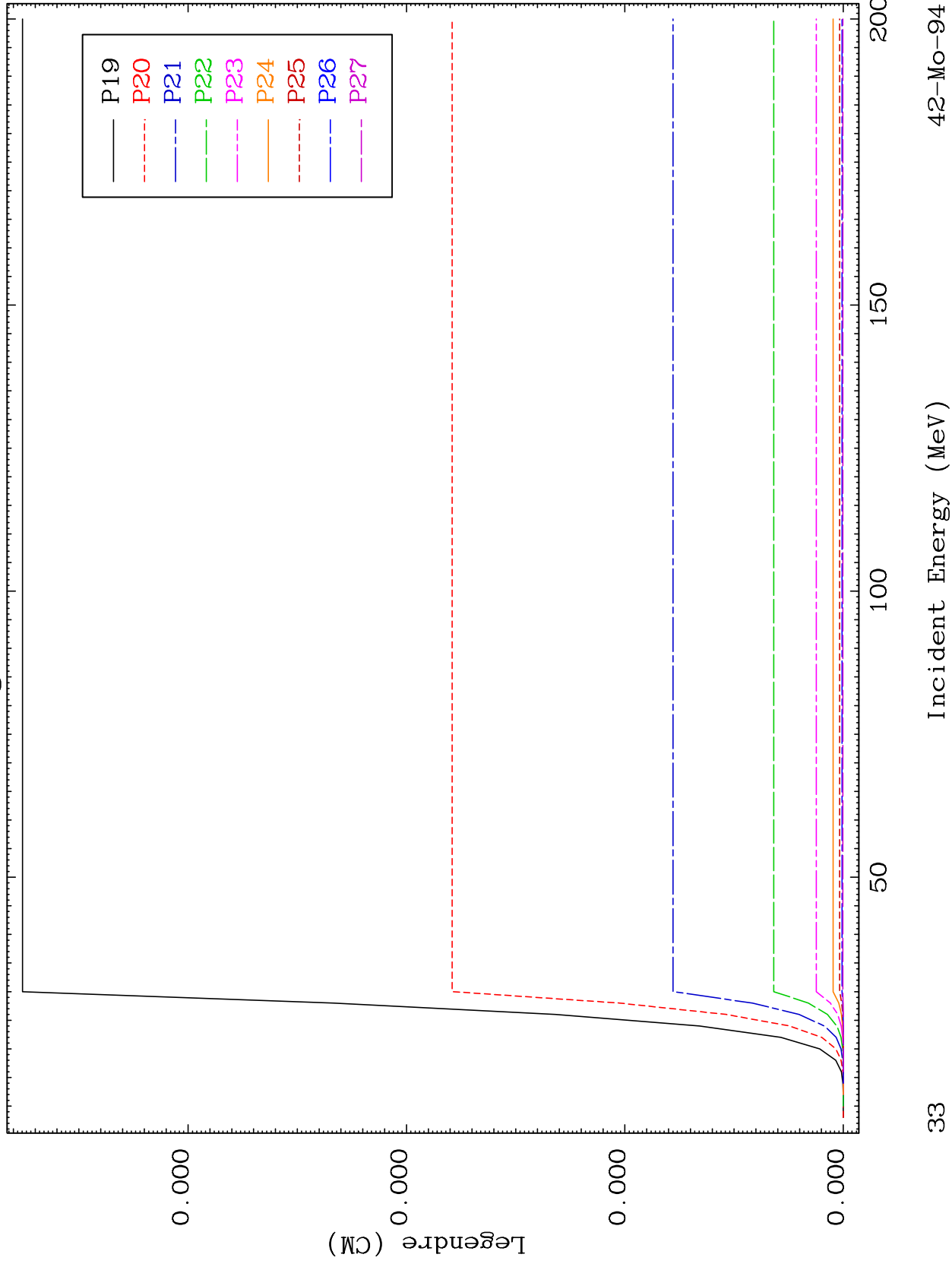
Incident Energy (MeV)

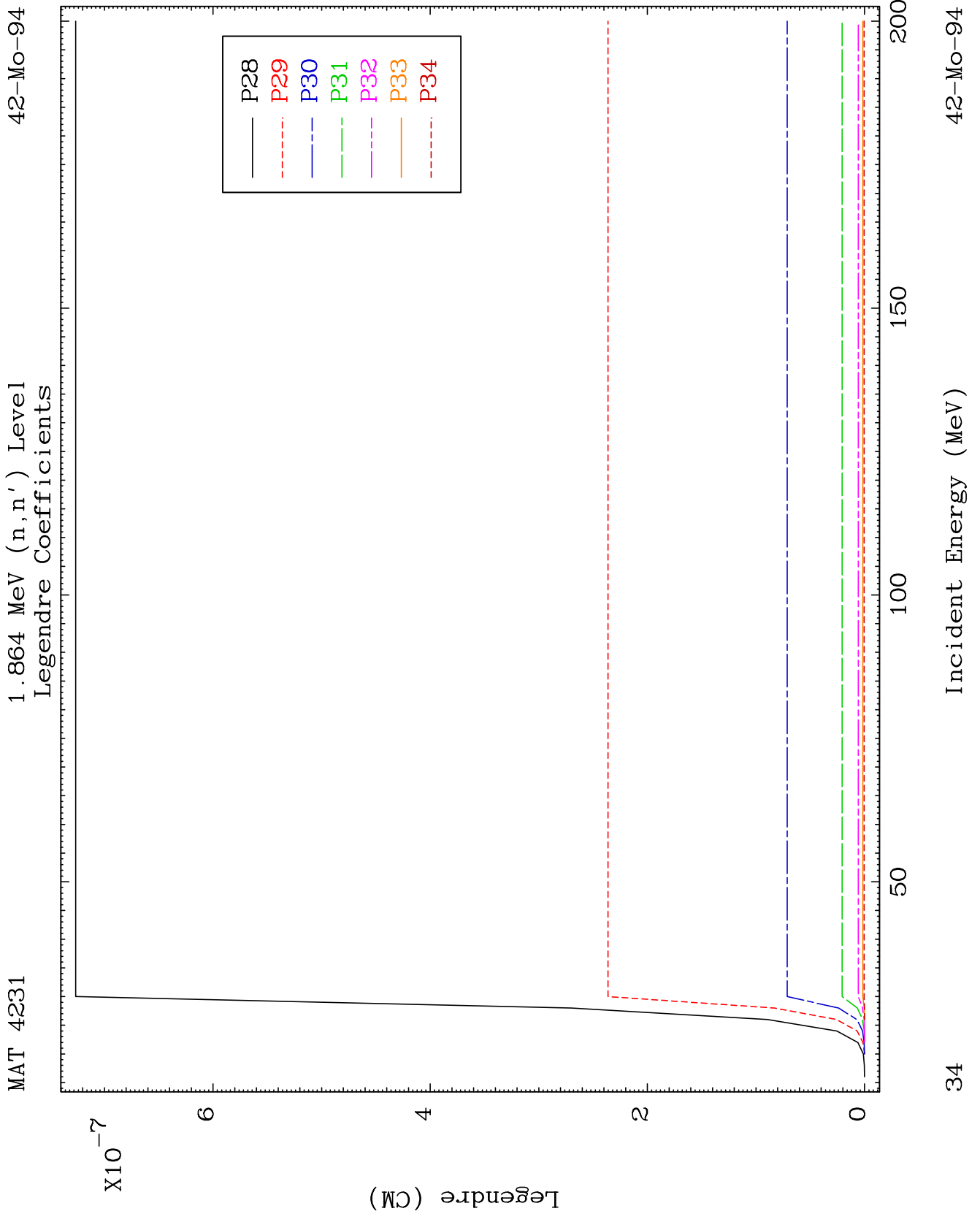
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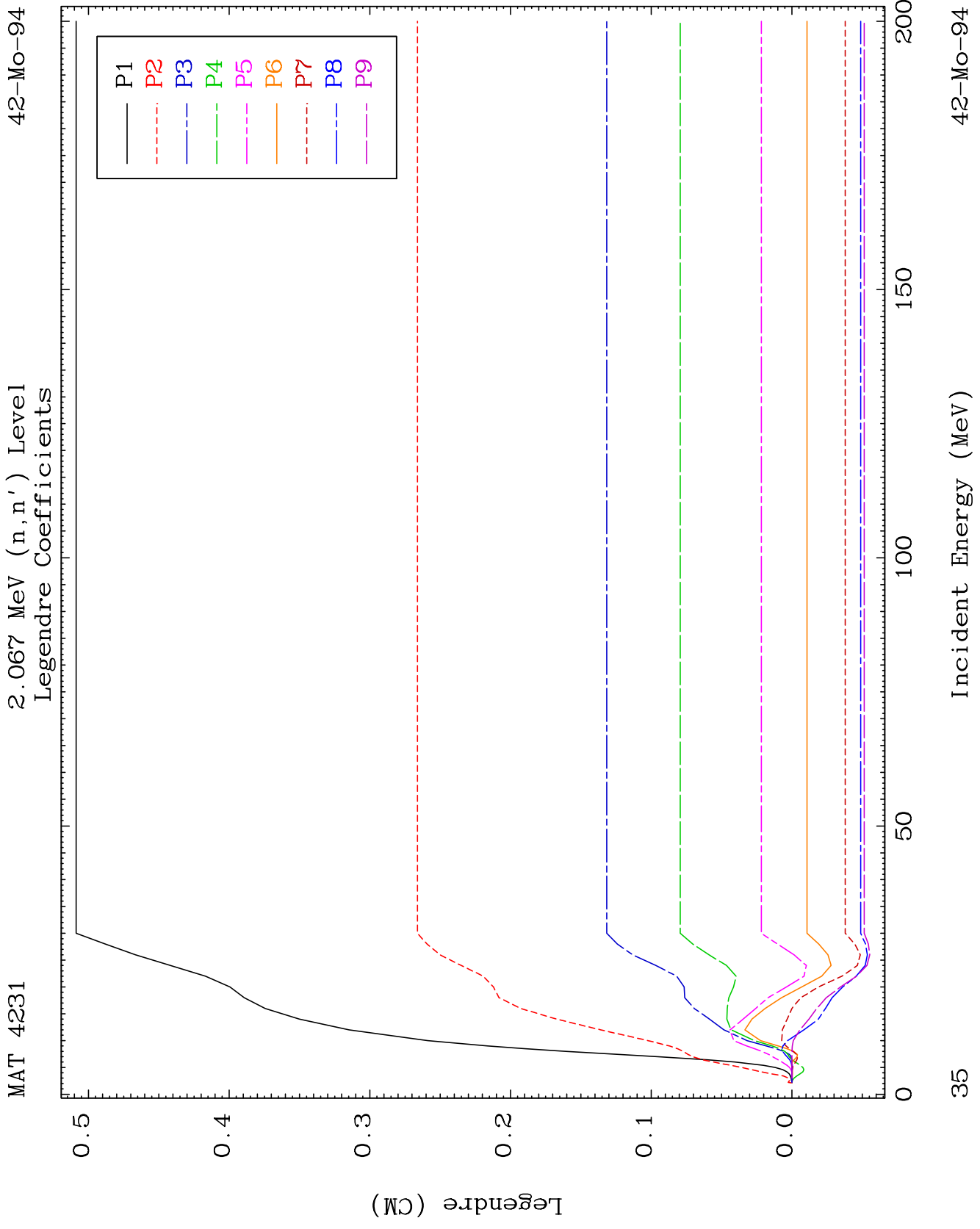
MAT 4231

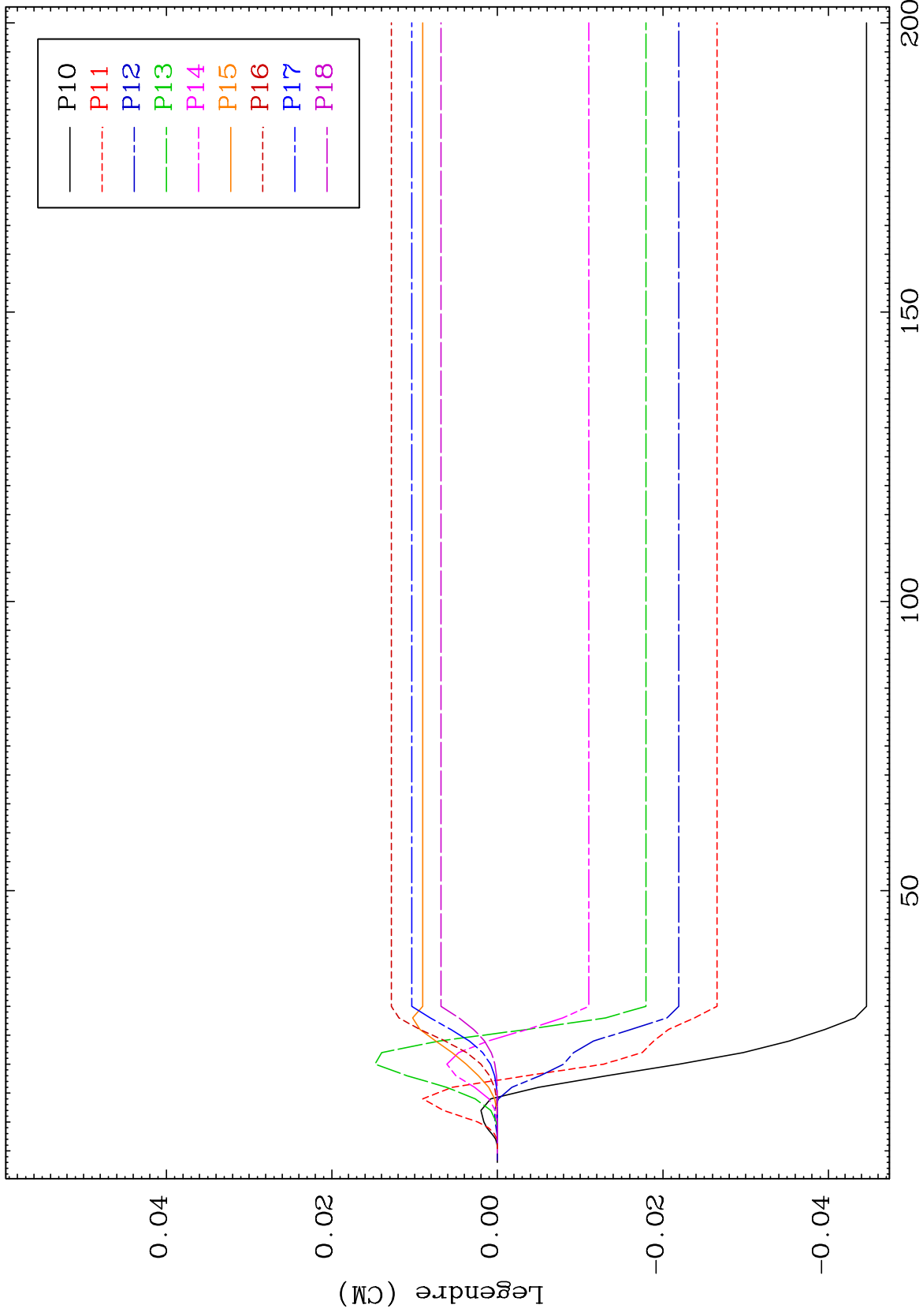
1.864 MeV (n,n') Level
Legendre Coefficients

42-Mo-94





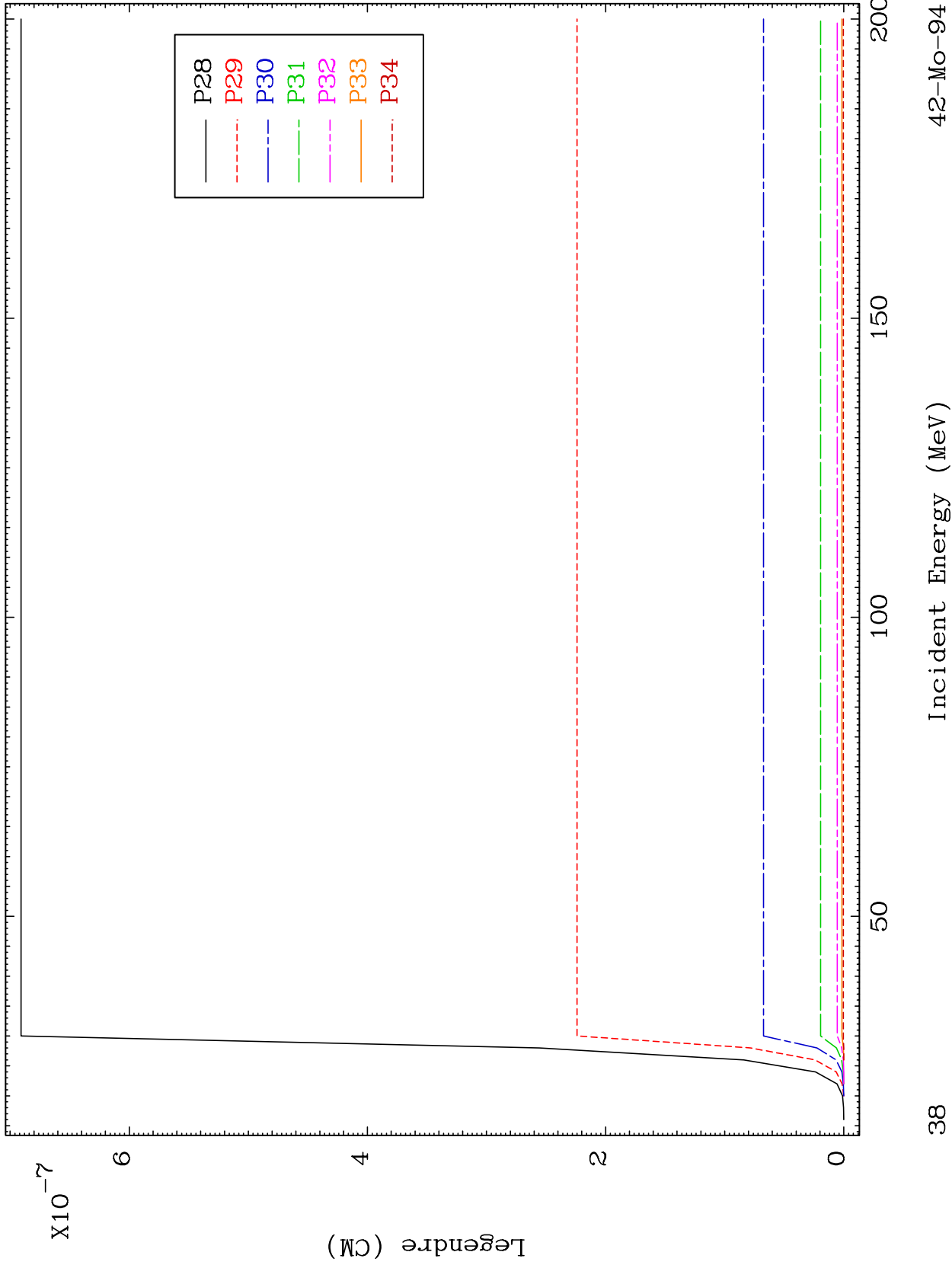




MAT 4231

2.067 MeV (n,n') Level
Legendre Coefficients

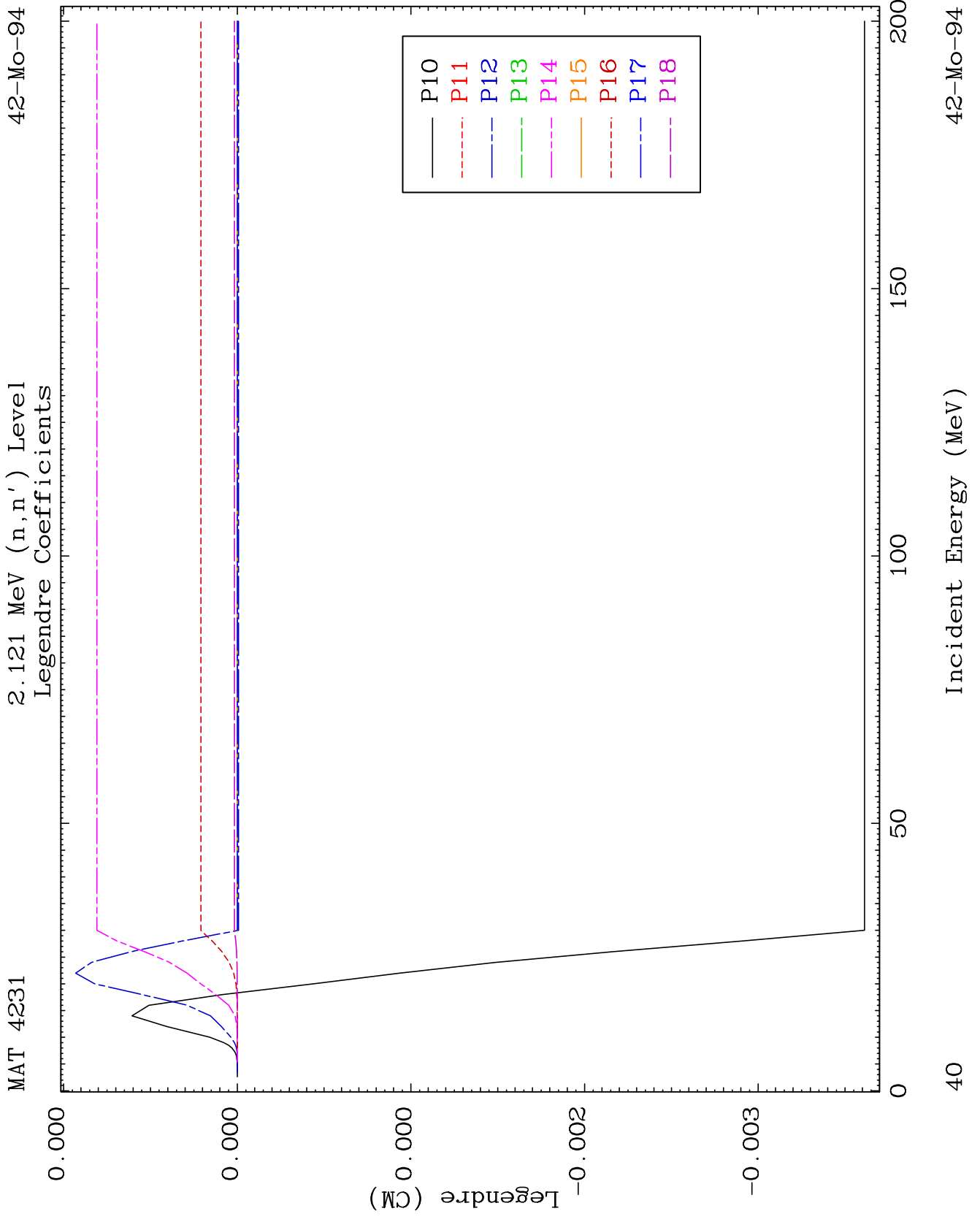
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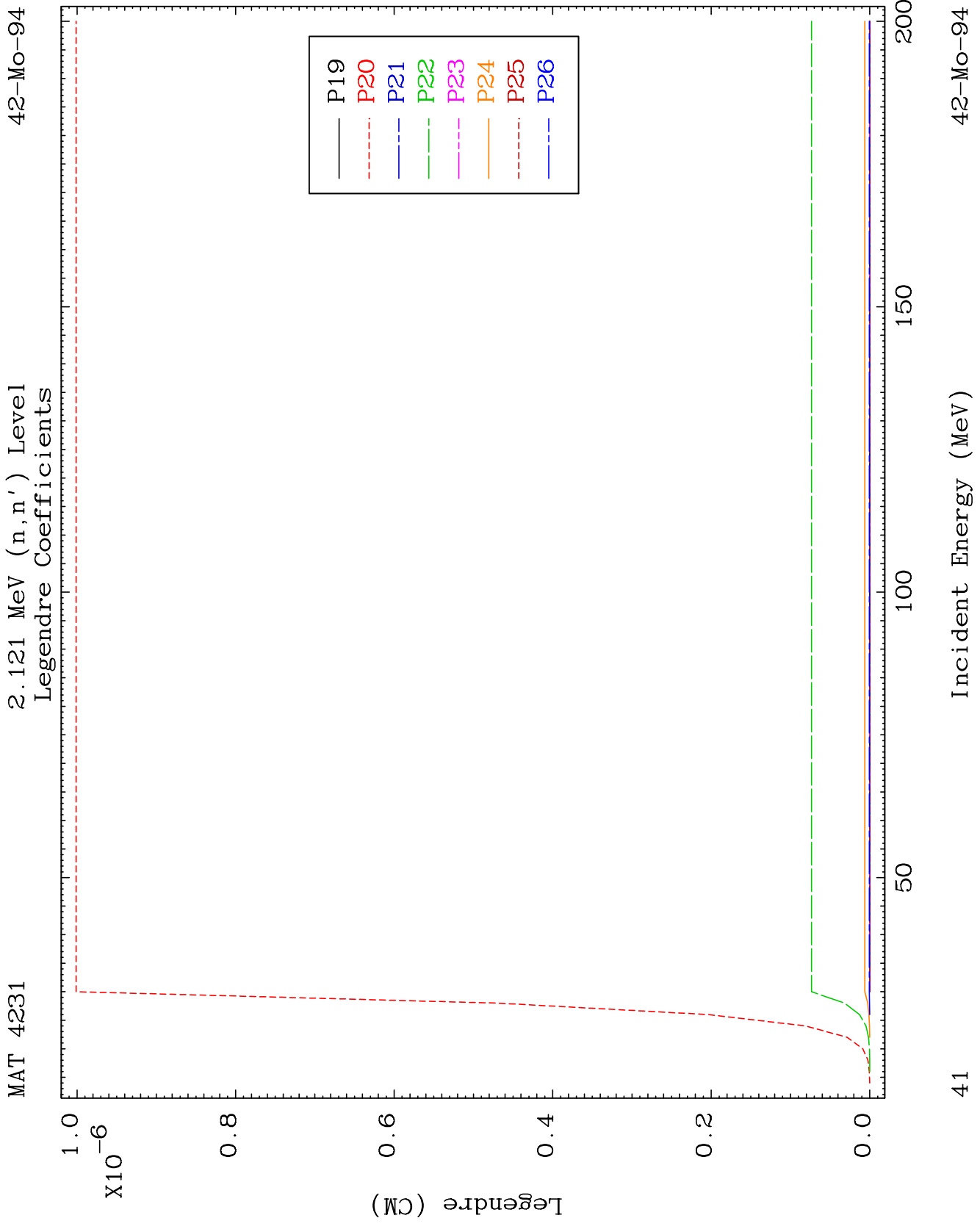


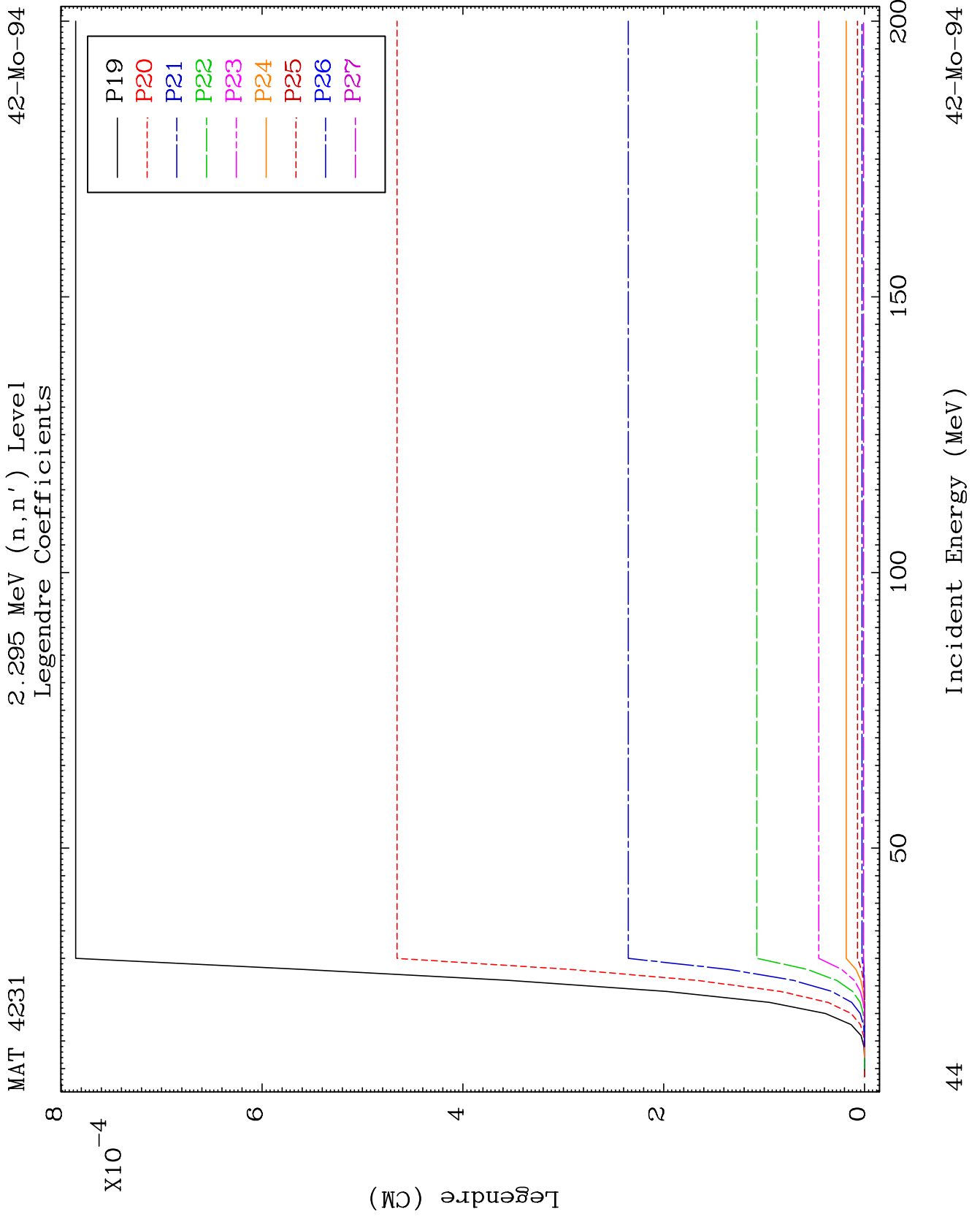
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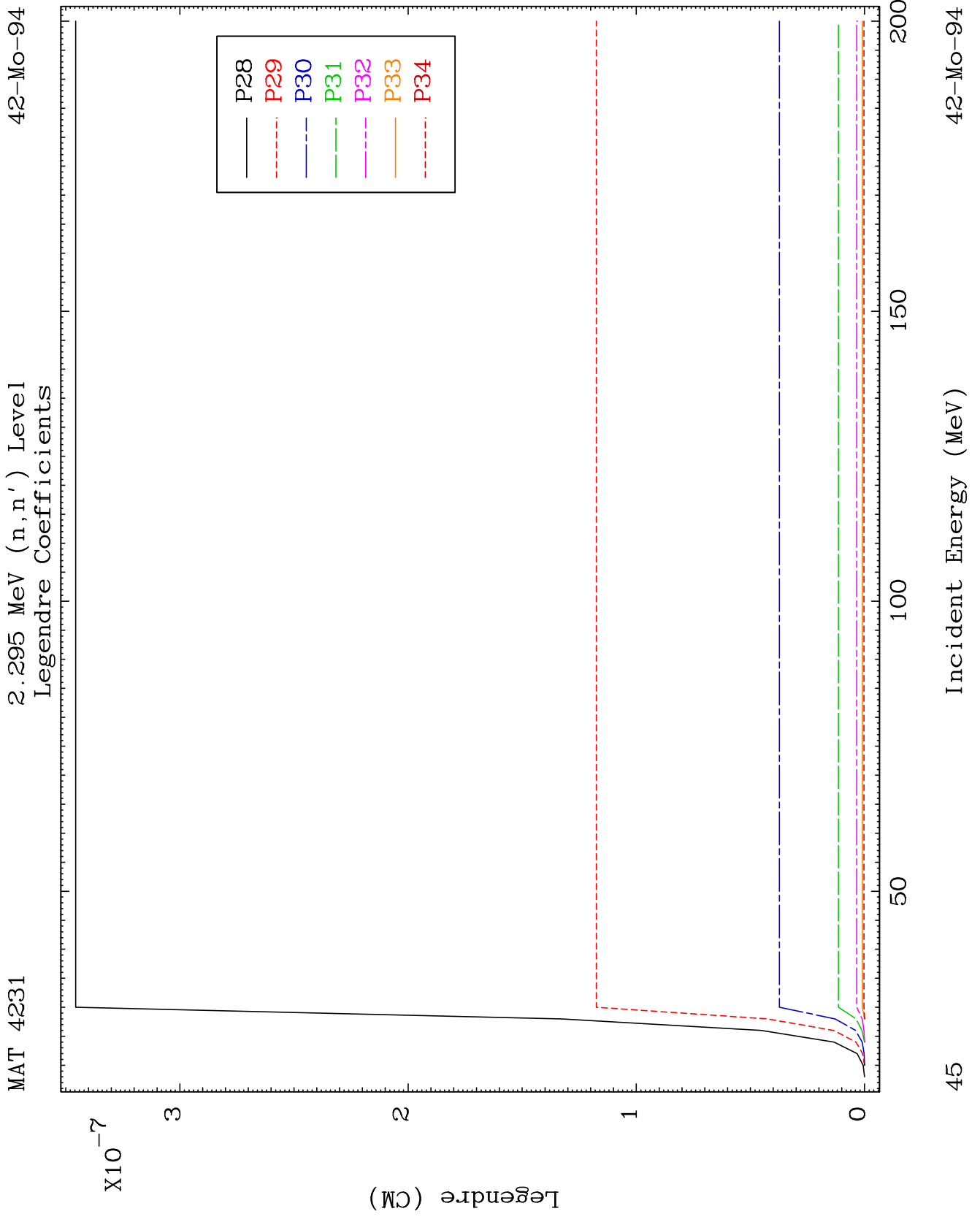
Incident Energy (MeV)

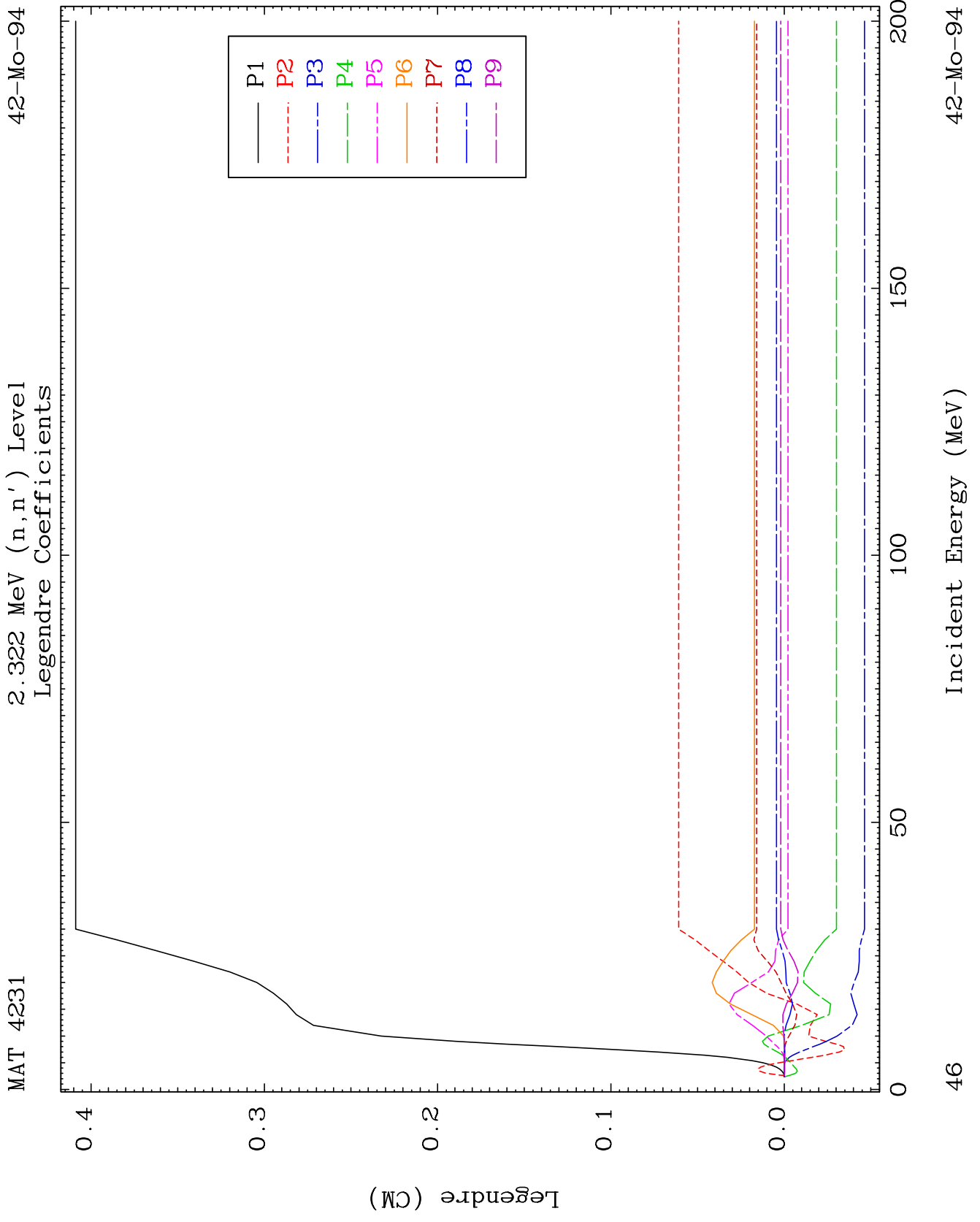
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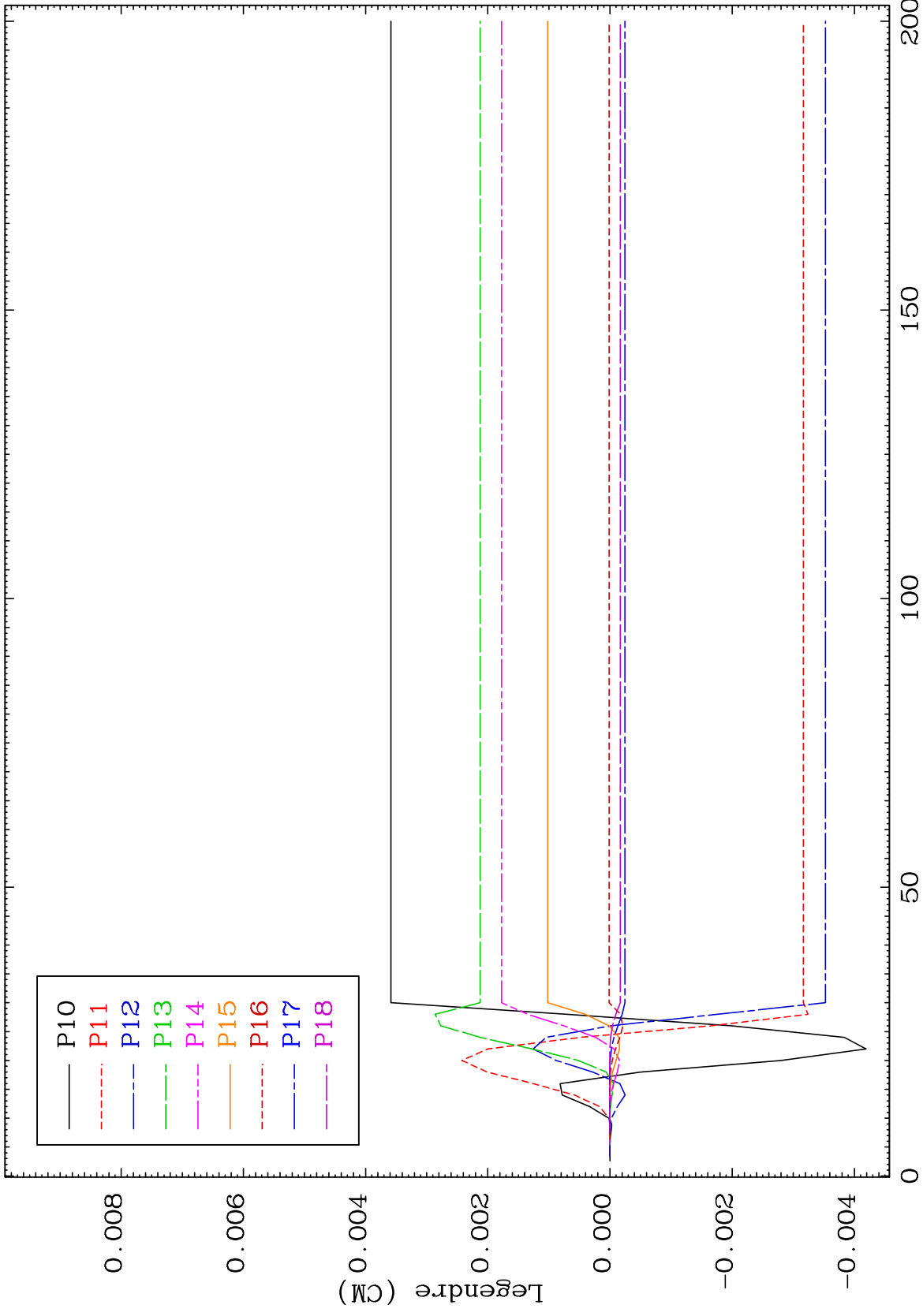




MAT 4231

2.322 MeV (n,n') Level
Legendre Coefficients

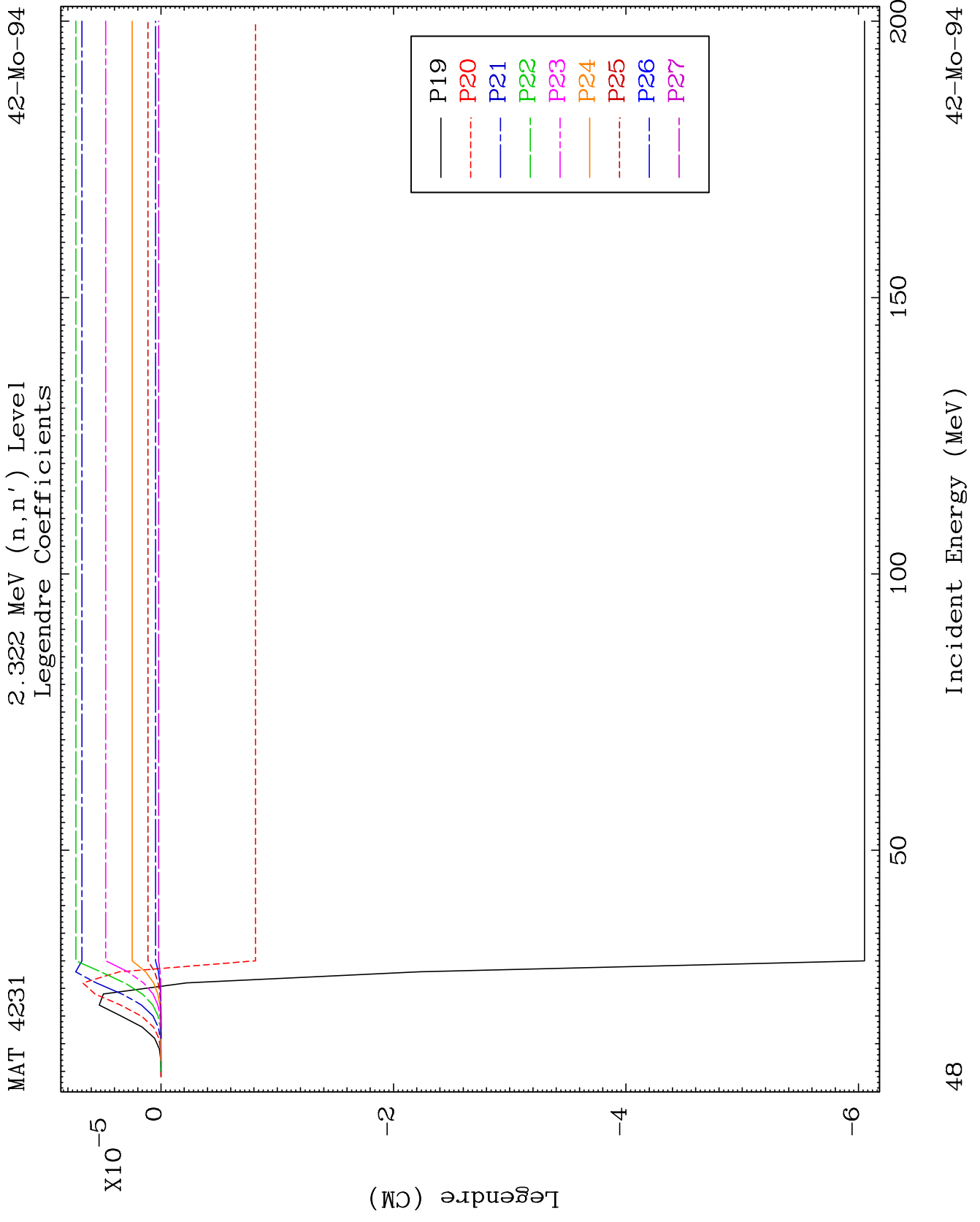
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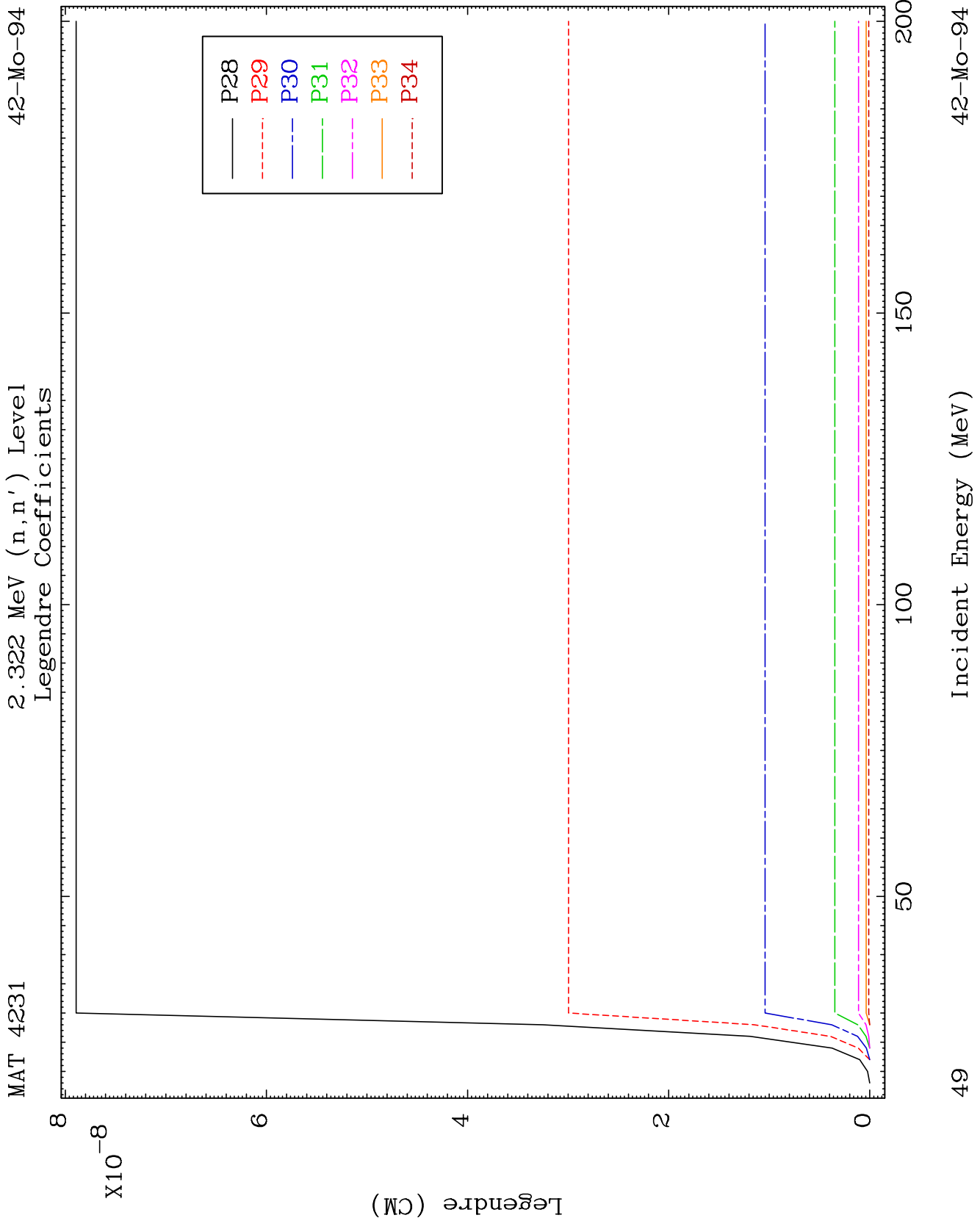


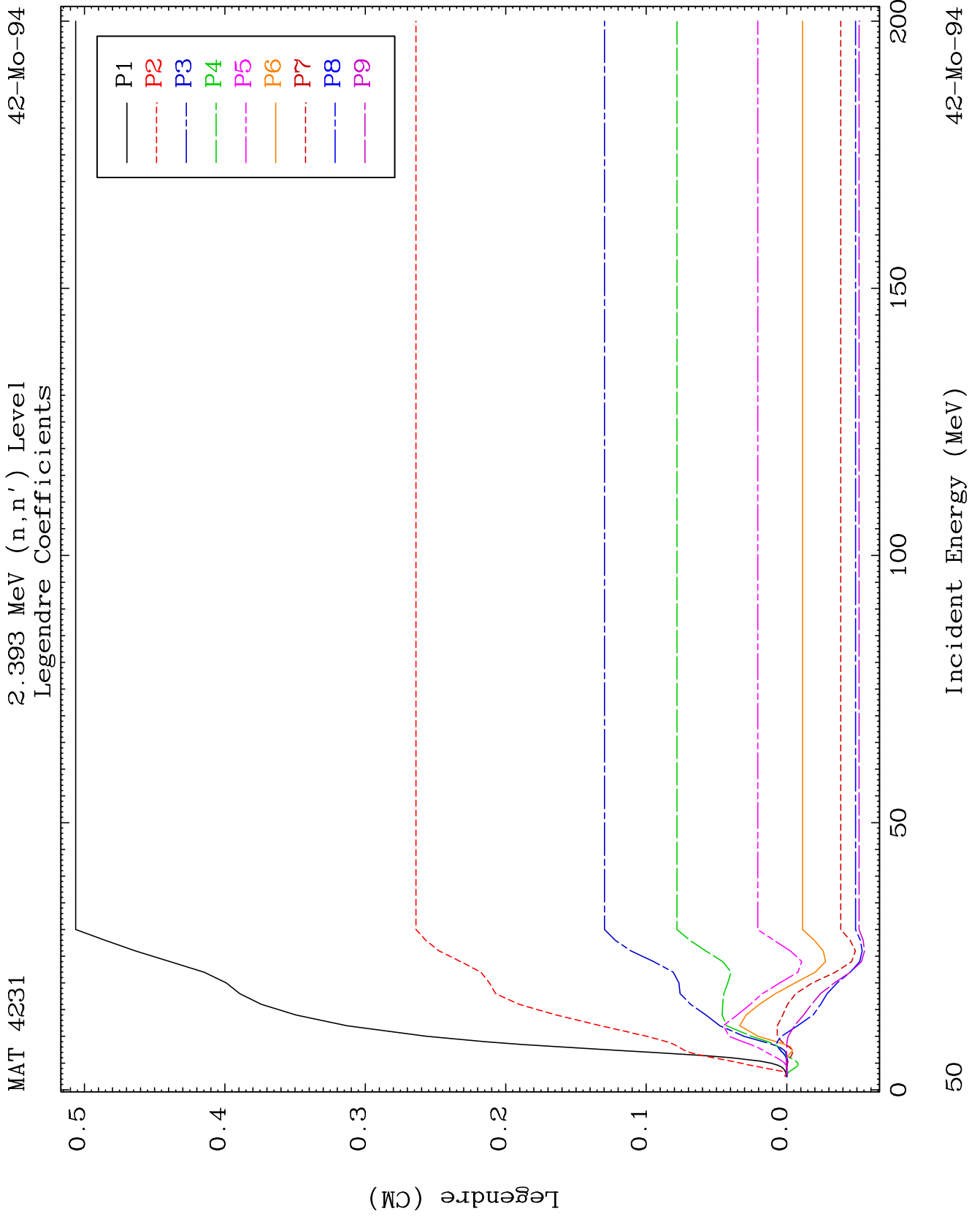
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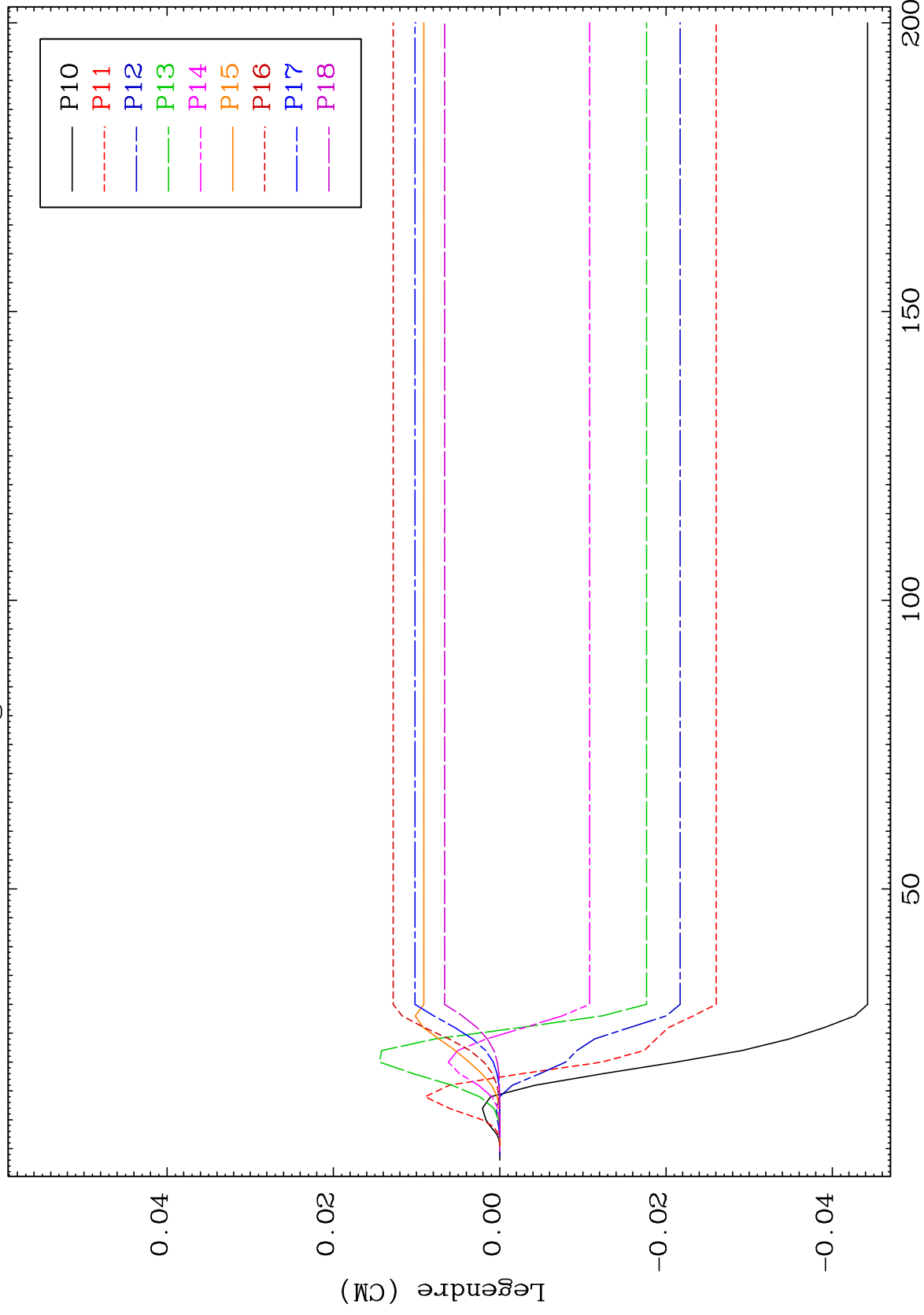
Incident Energy (MeV)

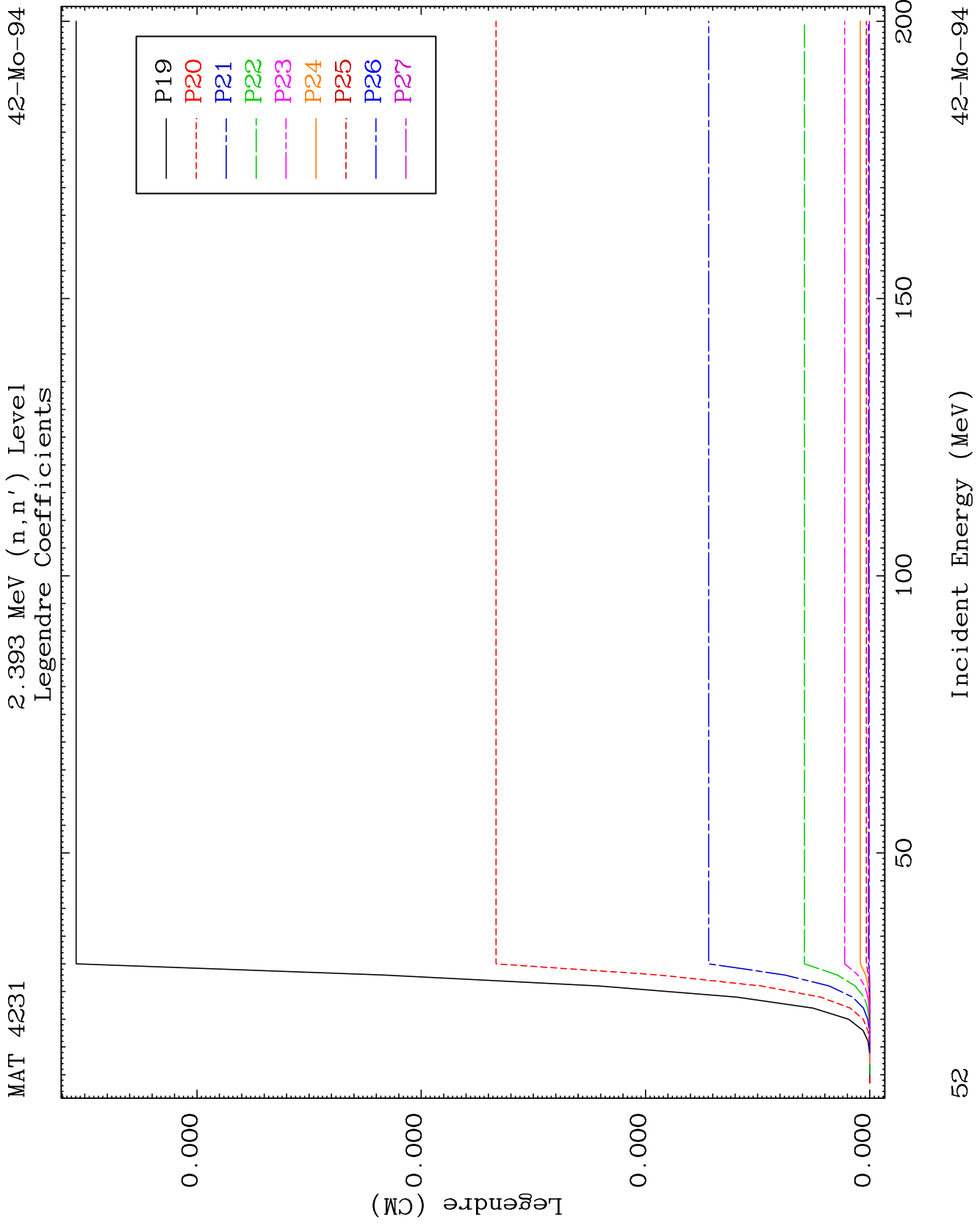
42-Mo-94

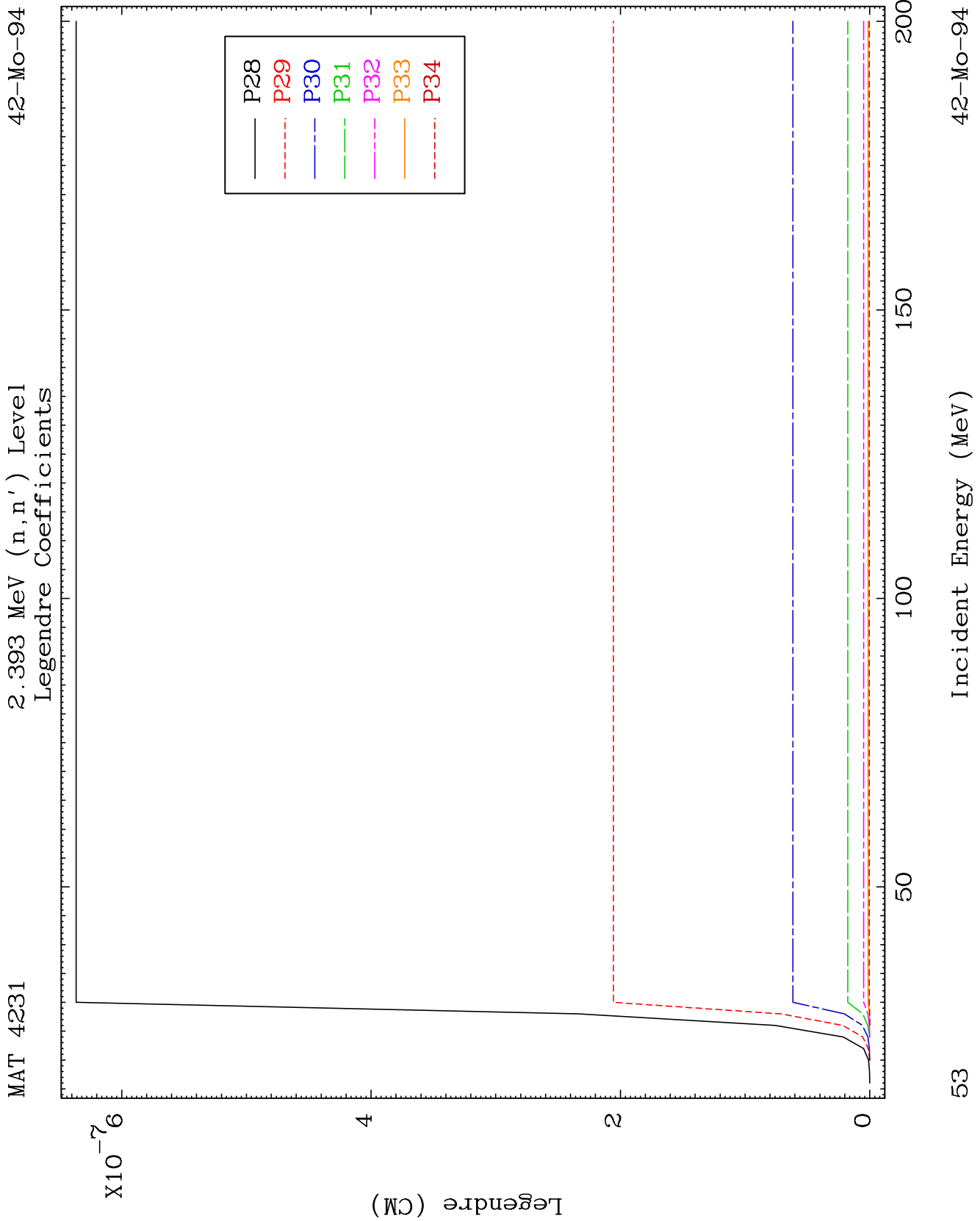








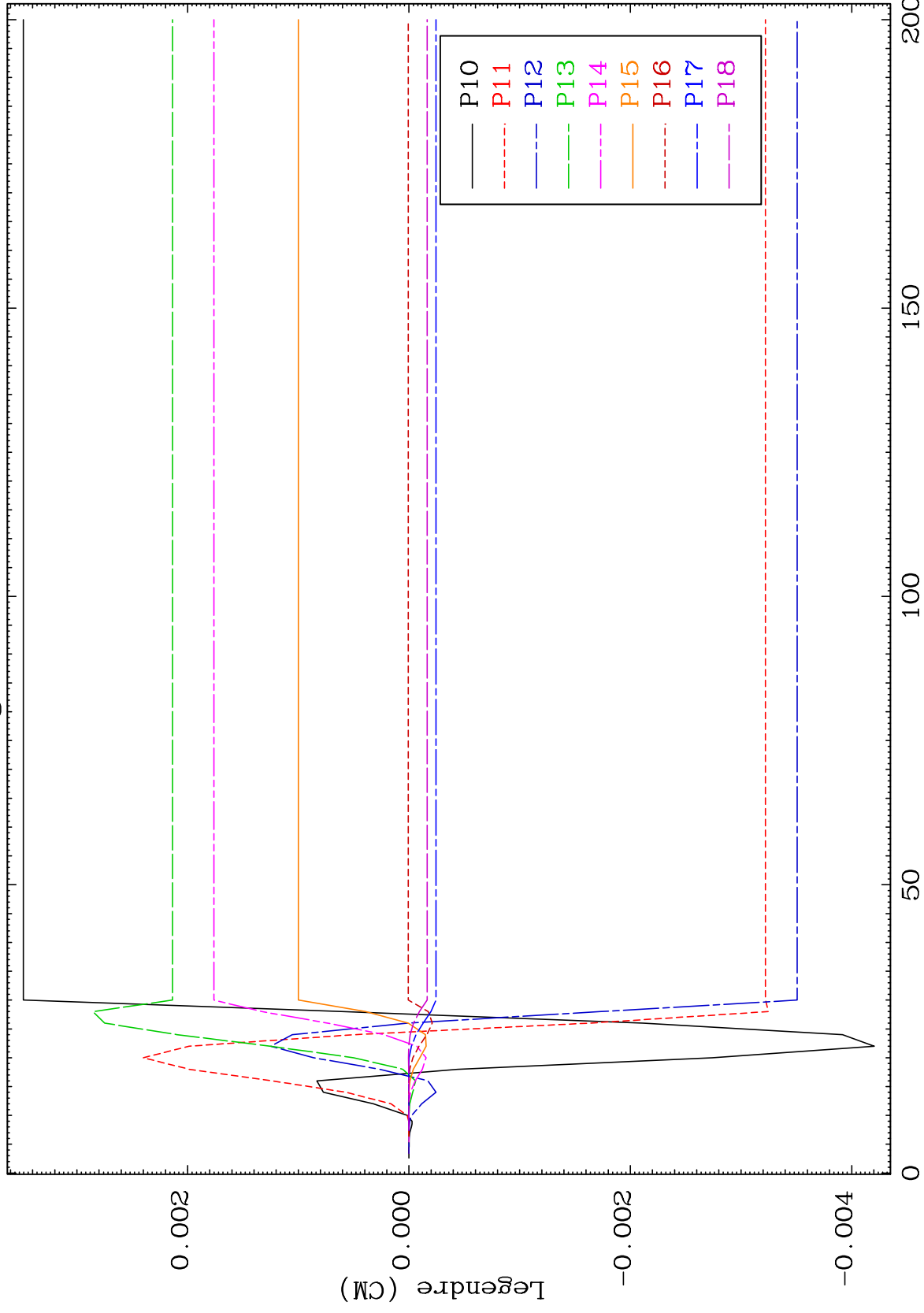




MAT 4231

2.423 MeV (n,n') Level
Legendre Coefficients

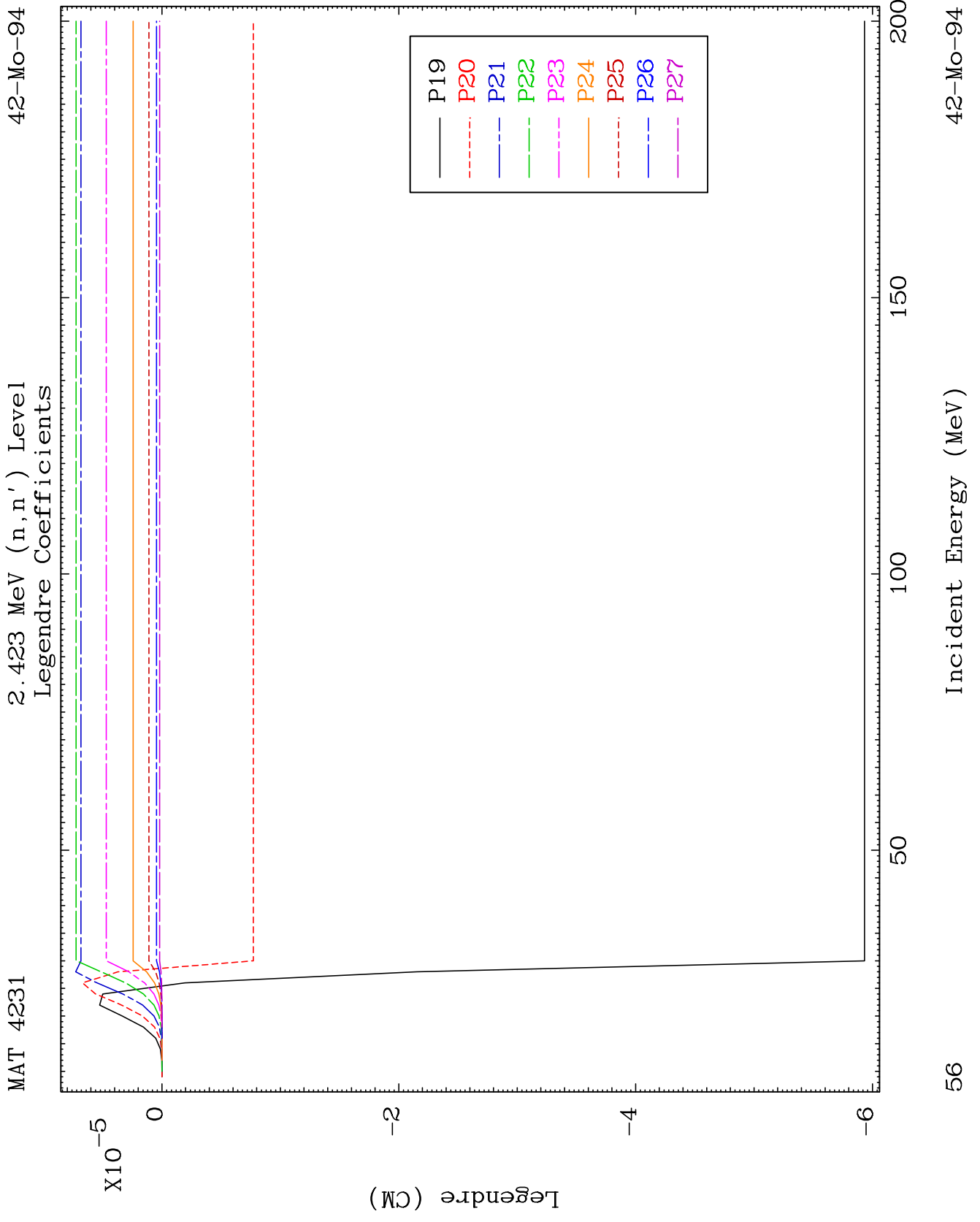
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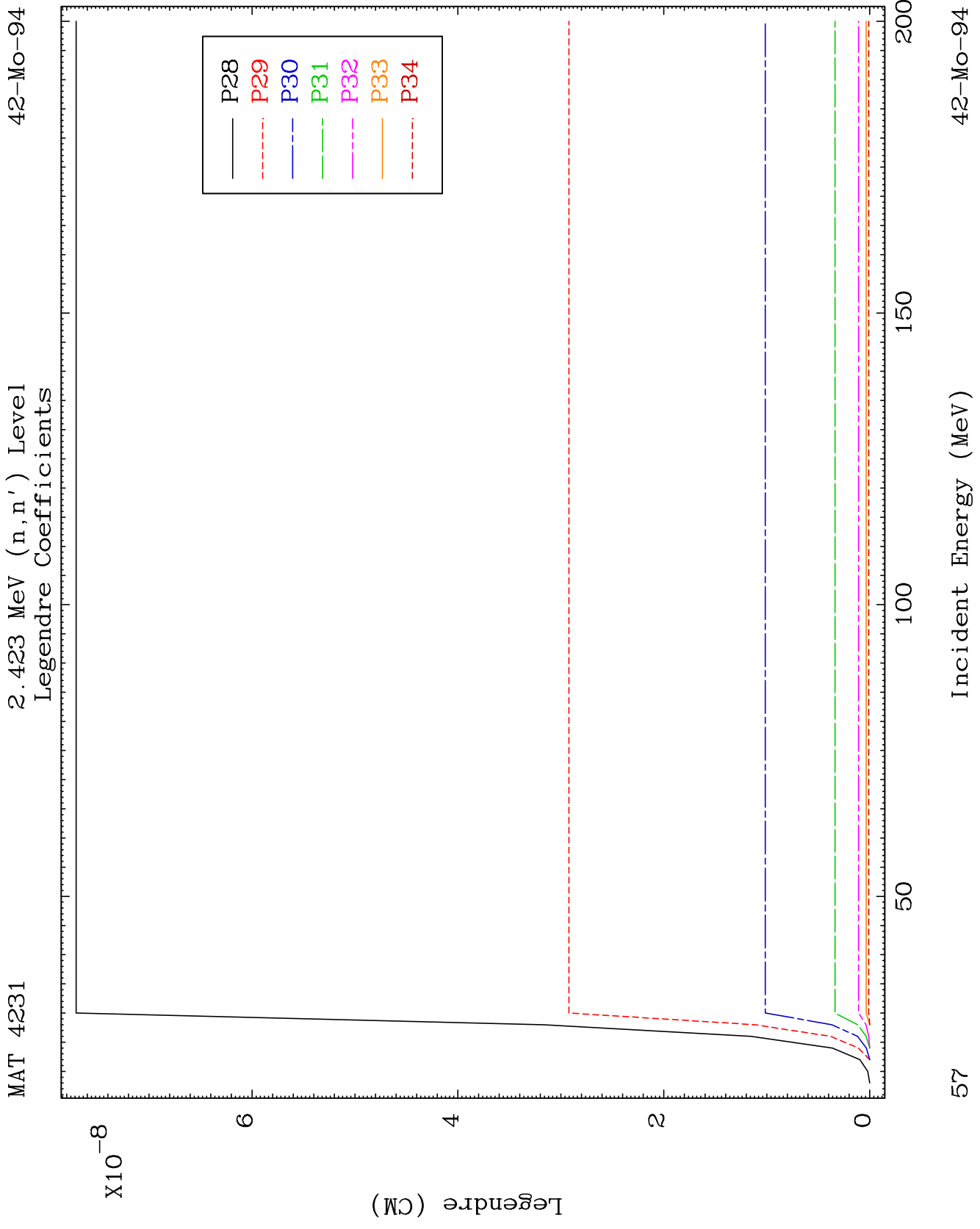


55

Incident Energy (MeV)

42-Mo-94

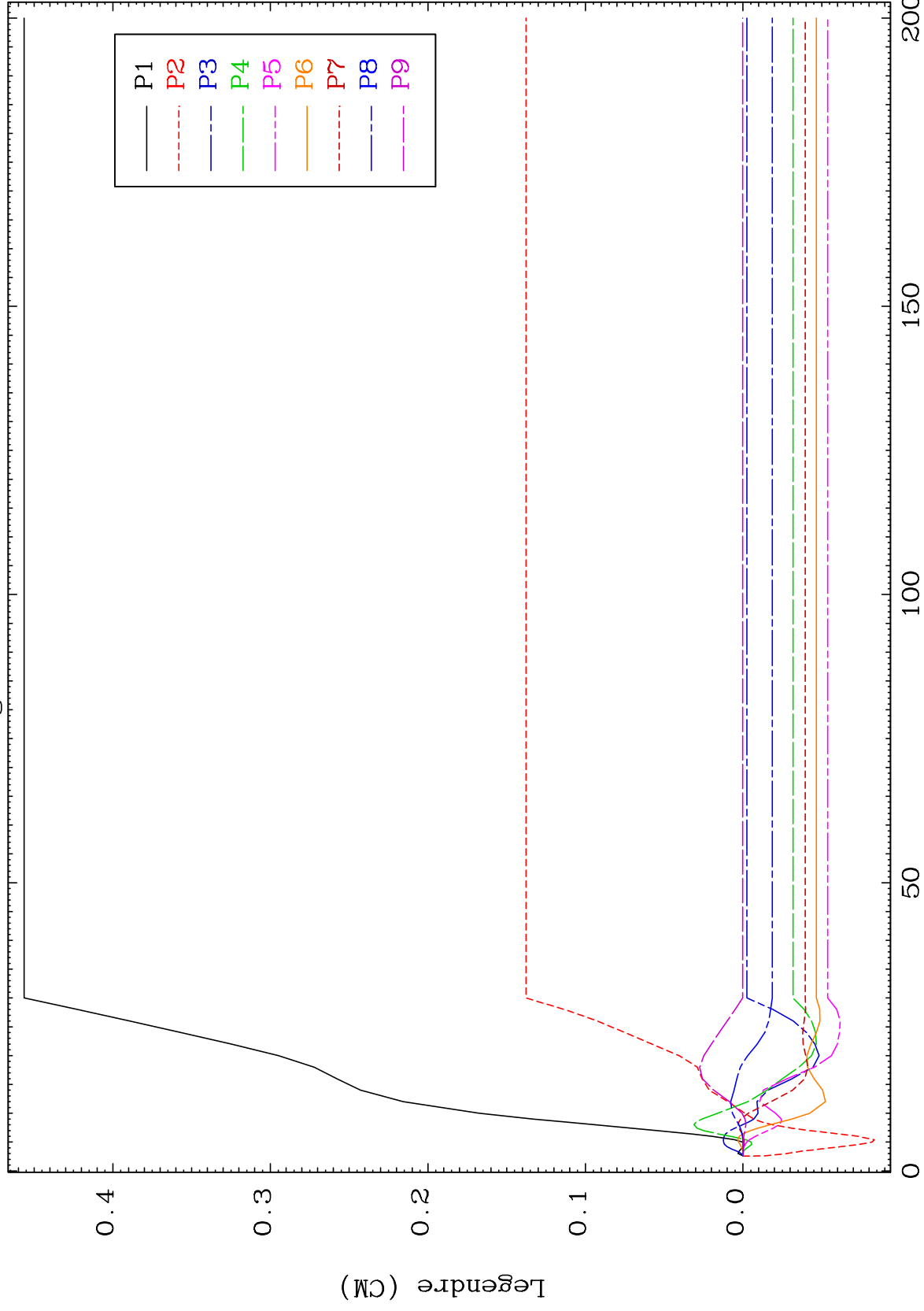




MAT 4231

2.534 MeV (n,n') Level
Legendre Coefficients

42-Mo-94



58

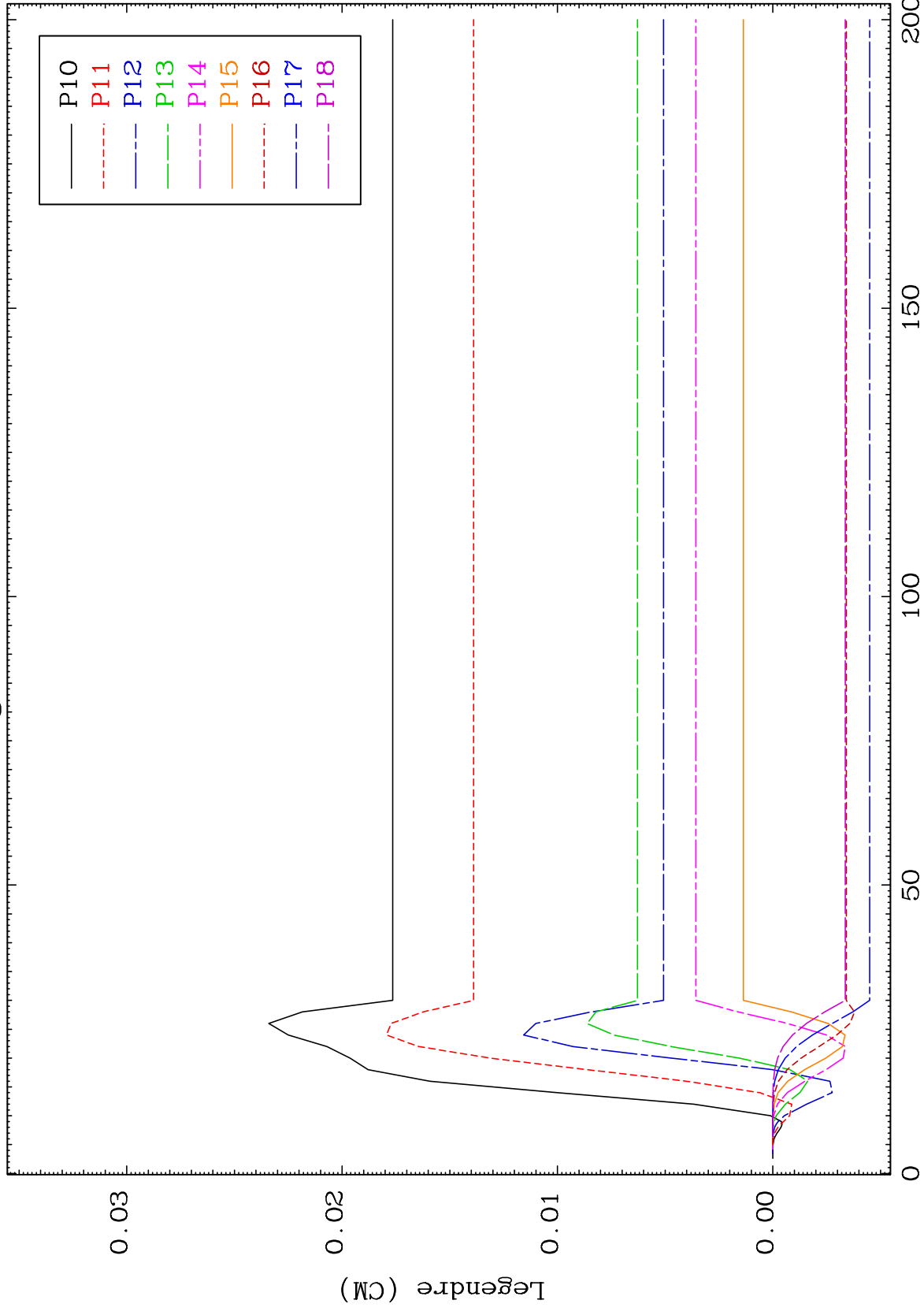
Incident Energy (MeV)

42-Mo-94

MAT 4231

2.534 MeV (n,n') Level
Legendre Coefficients

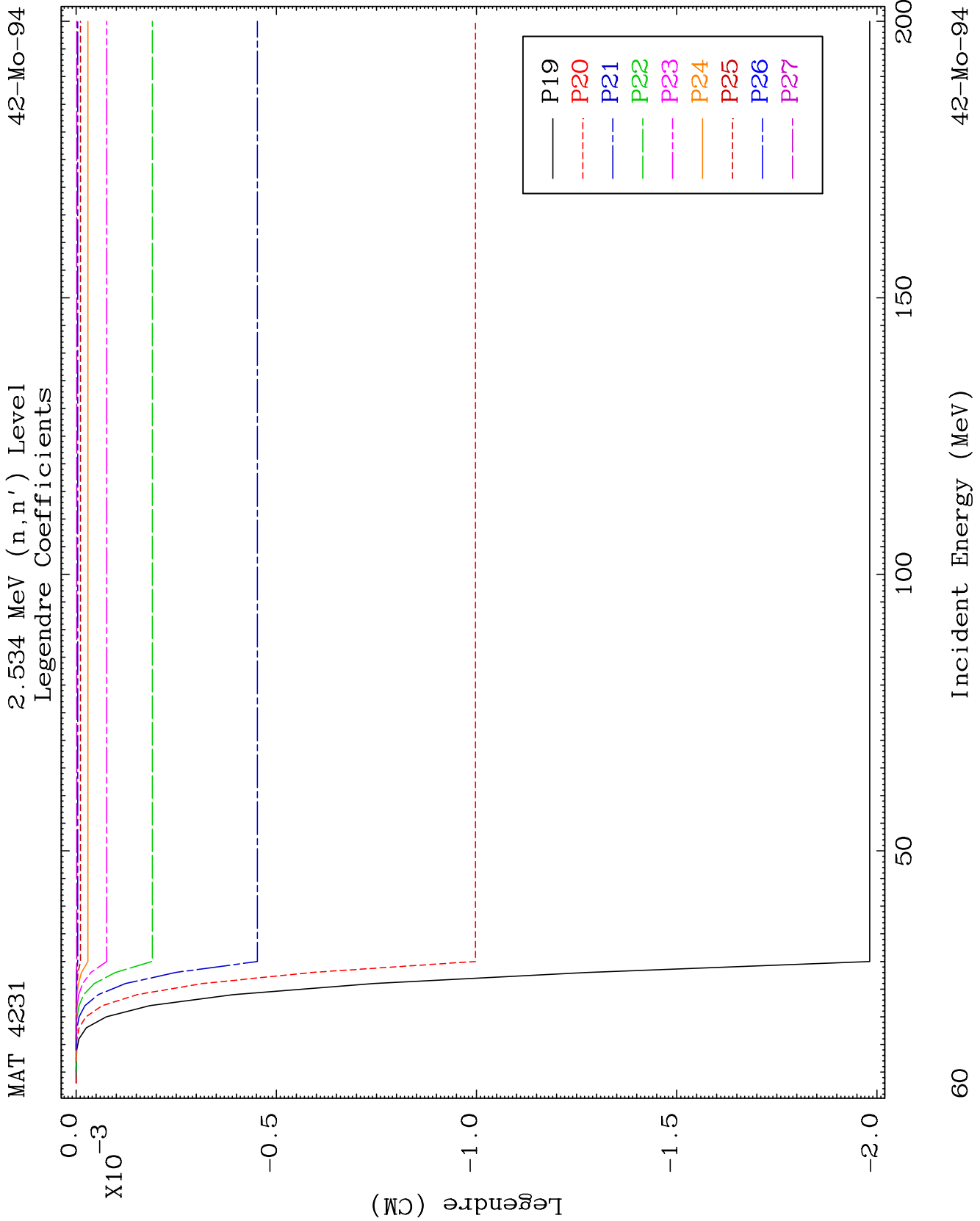
42-Mo-94

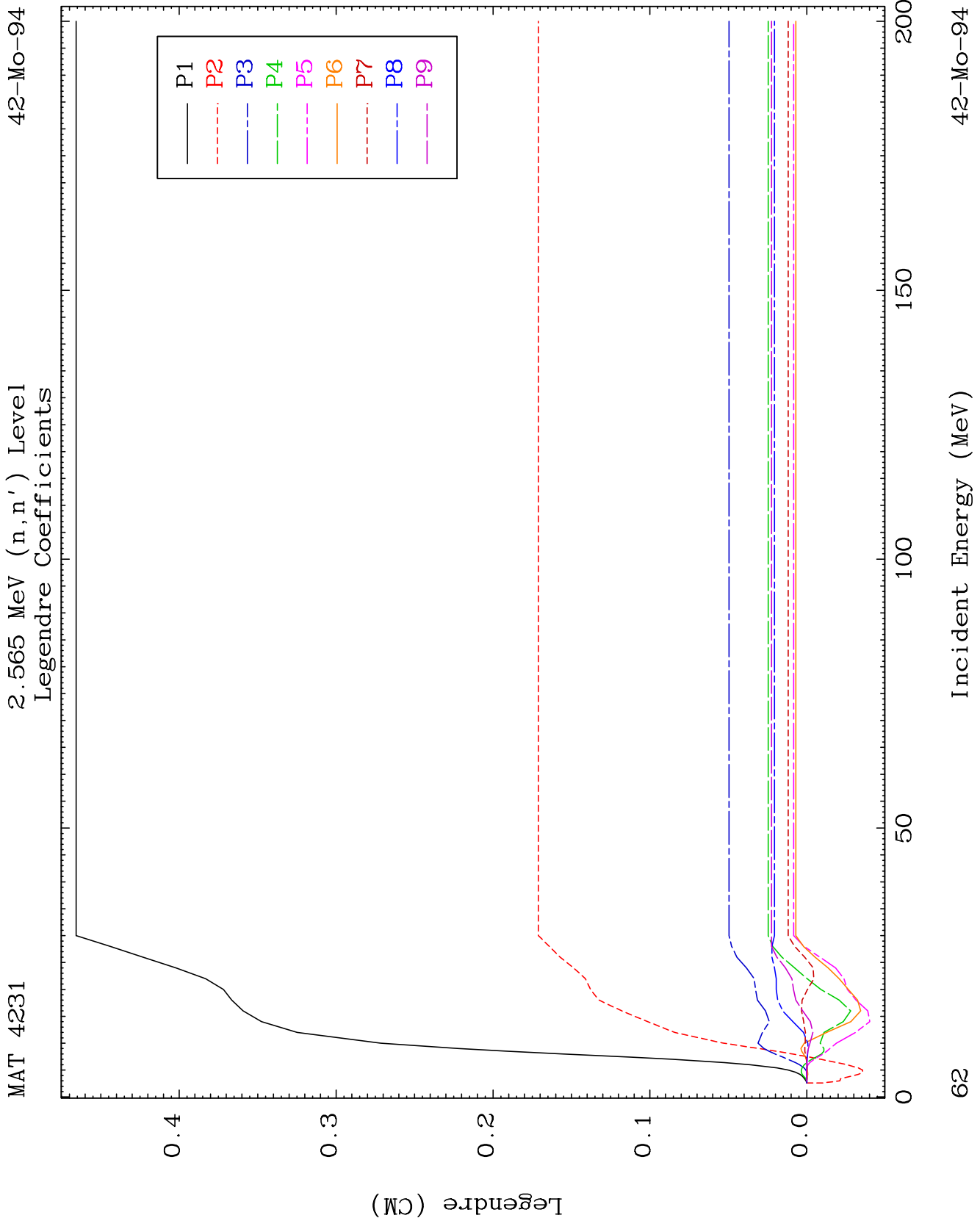


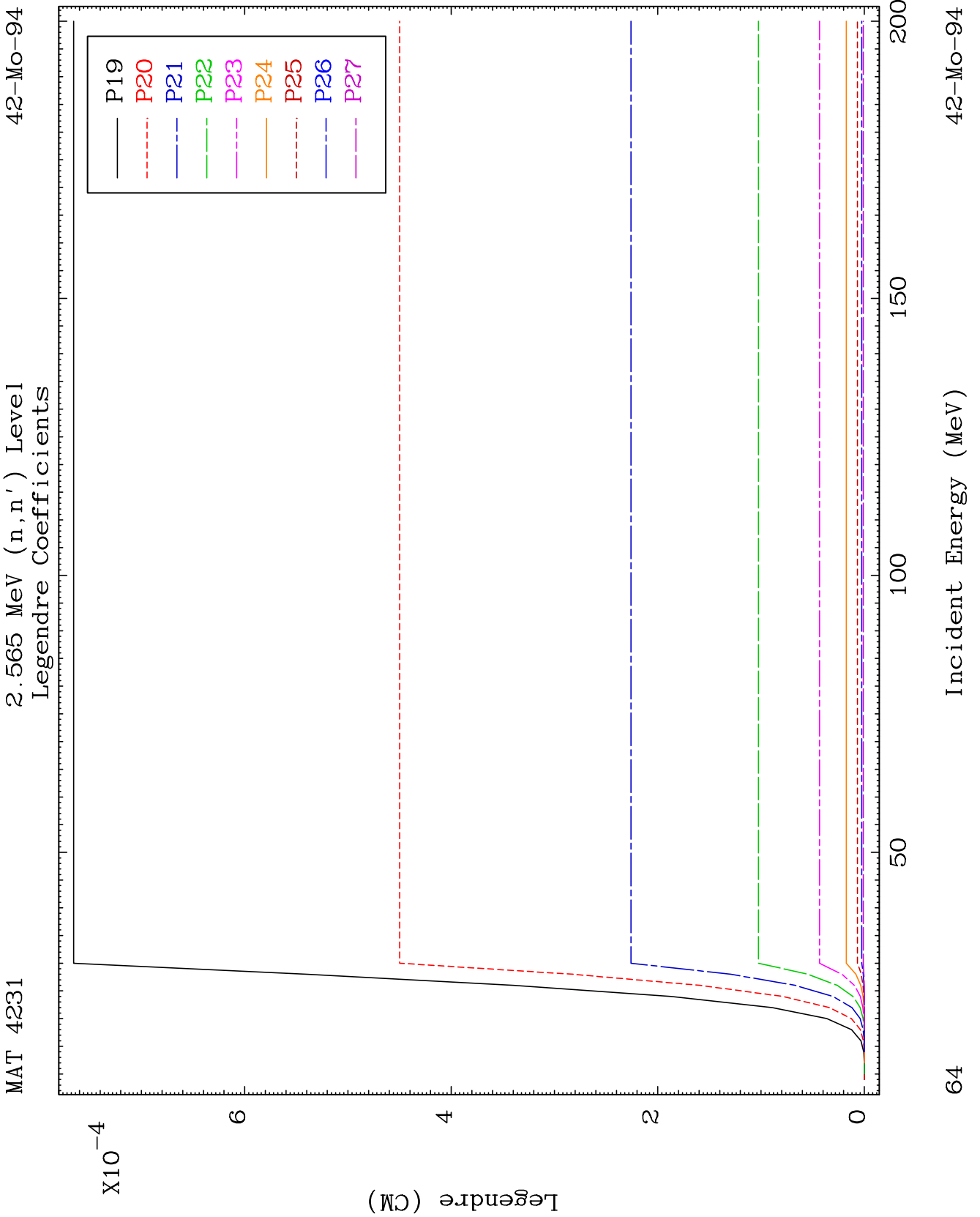
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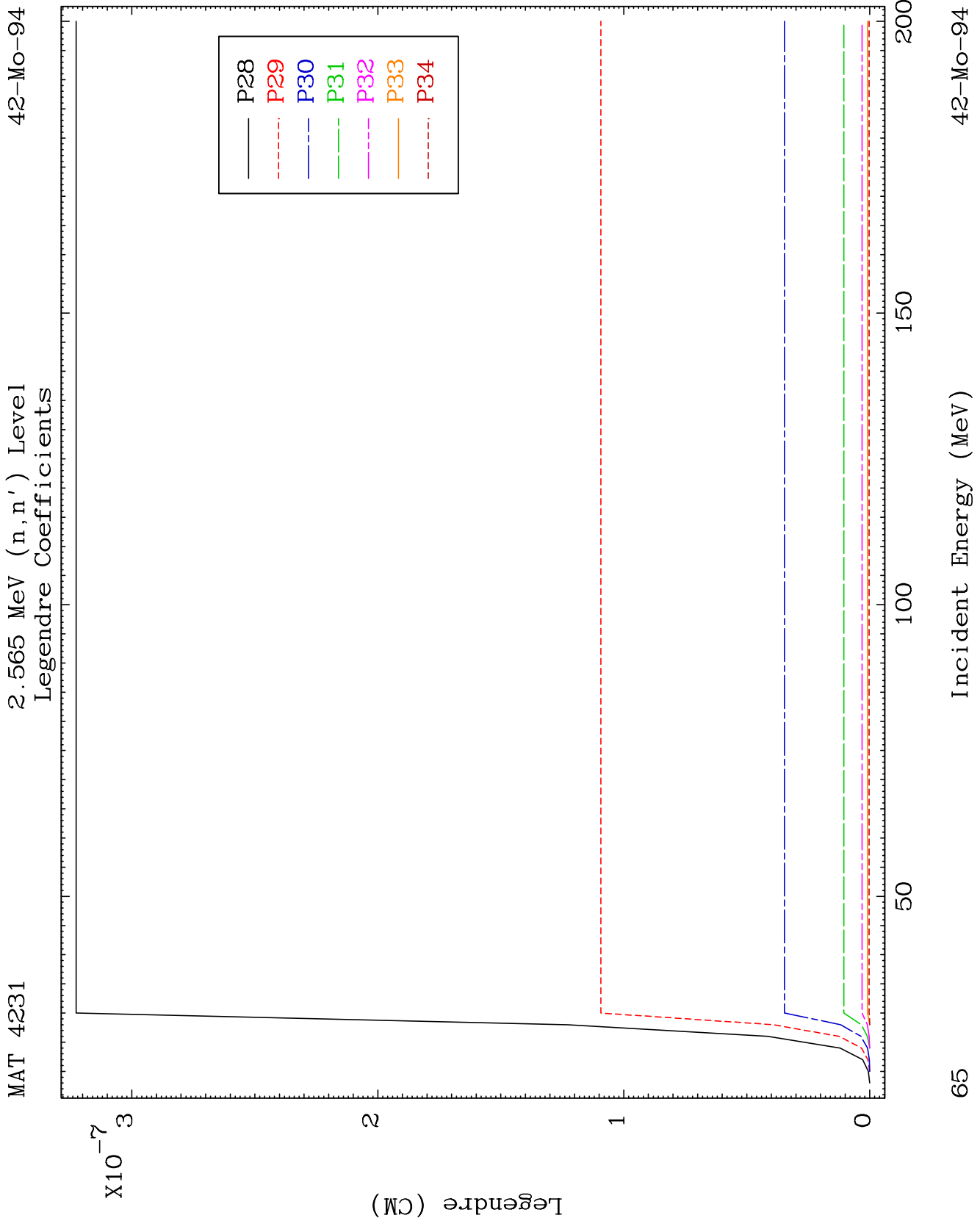
Incident Energy (MeV)

42-Mo-94





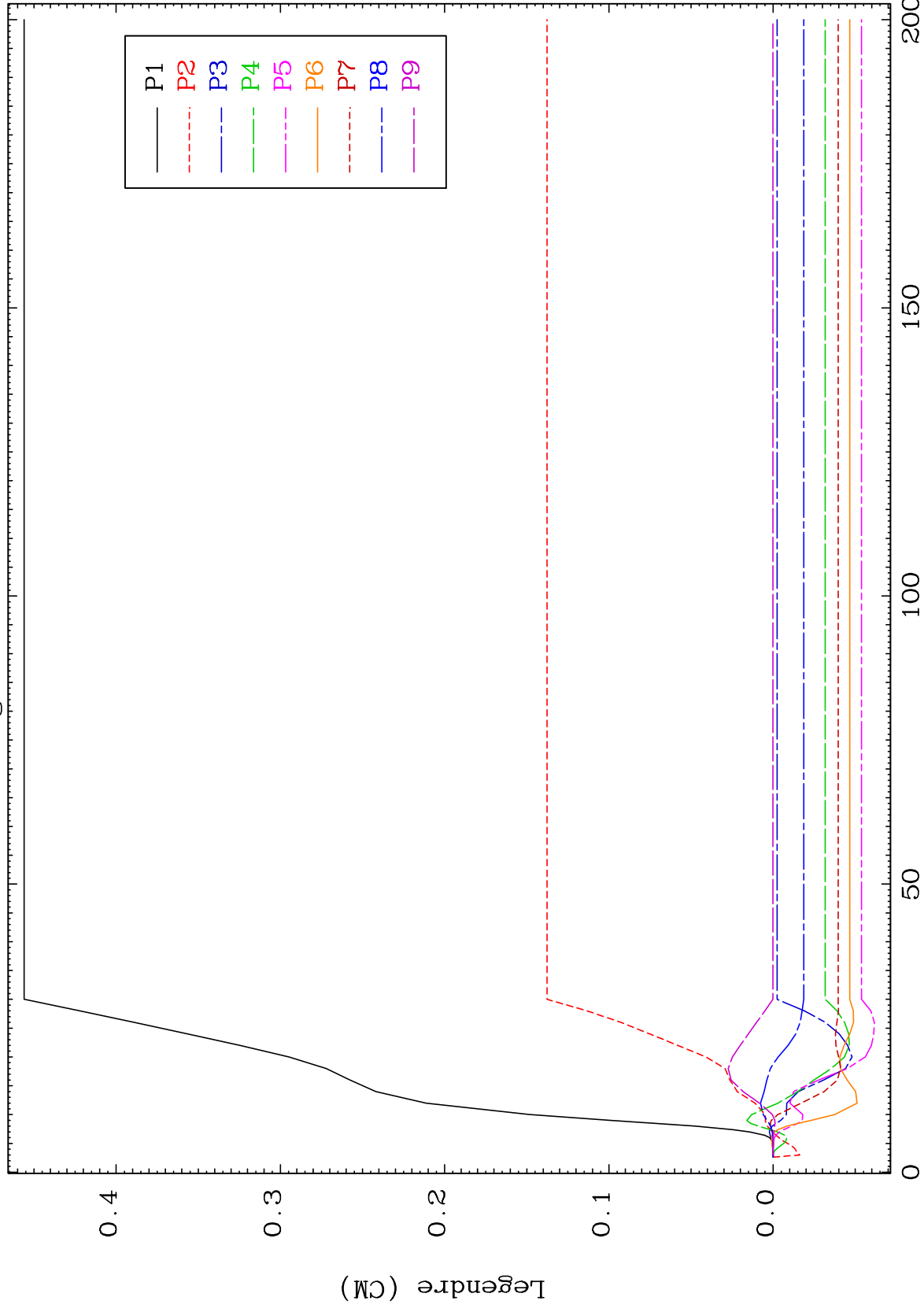




MAT 4231

2.580 MeV (n,n') Level
Legendre Coefficients

42-Mo-94



66

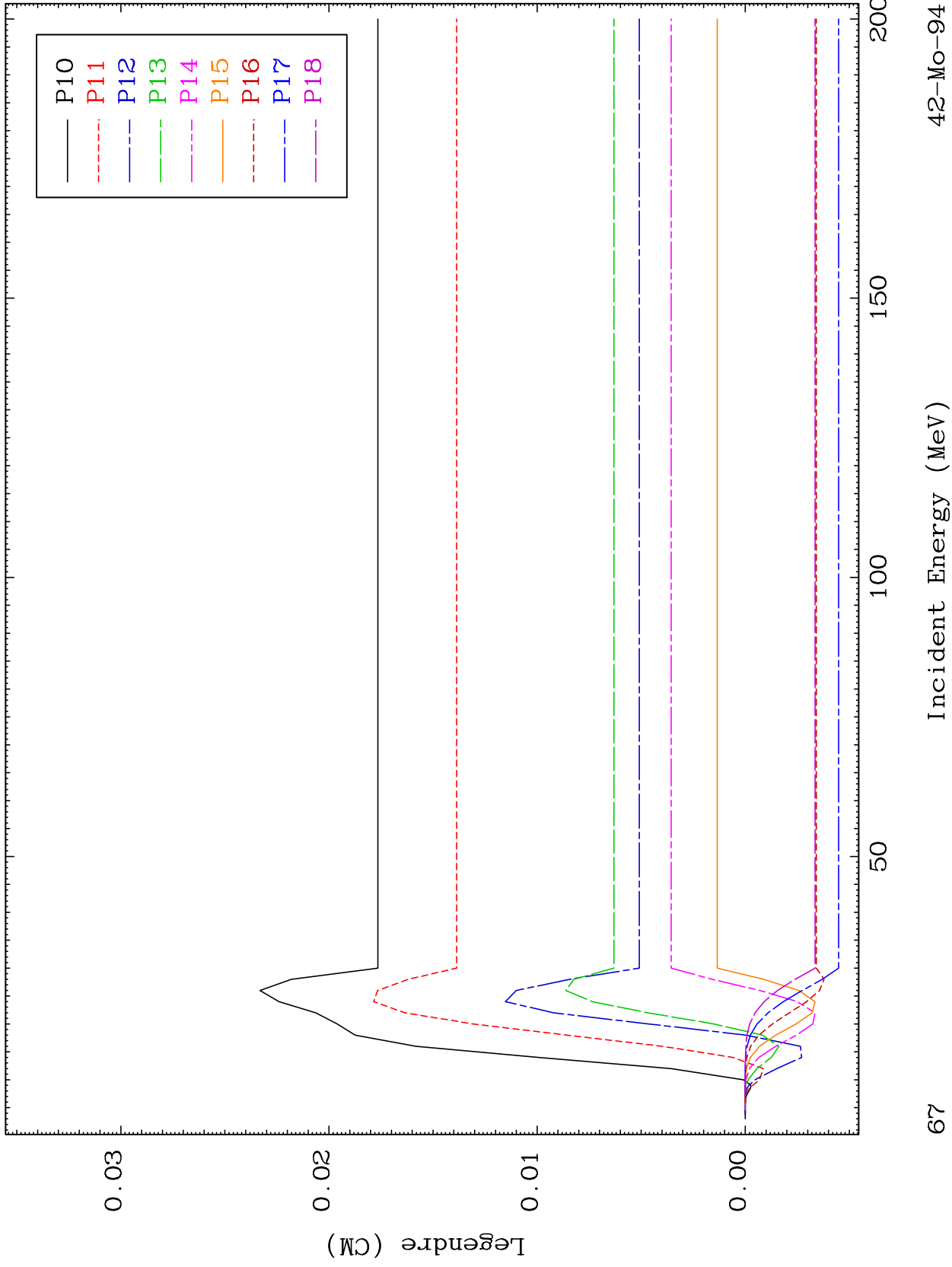
Incident Energy (MeV)

42-Mo-94

MAT 4231

2.580 MeV (n,n') Level
Legendre Coefficients

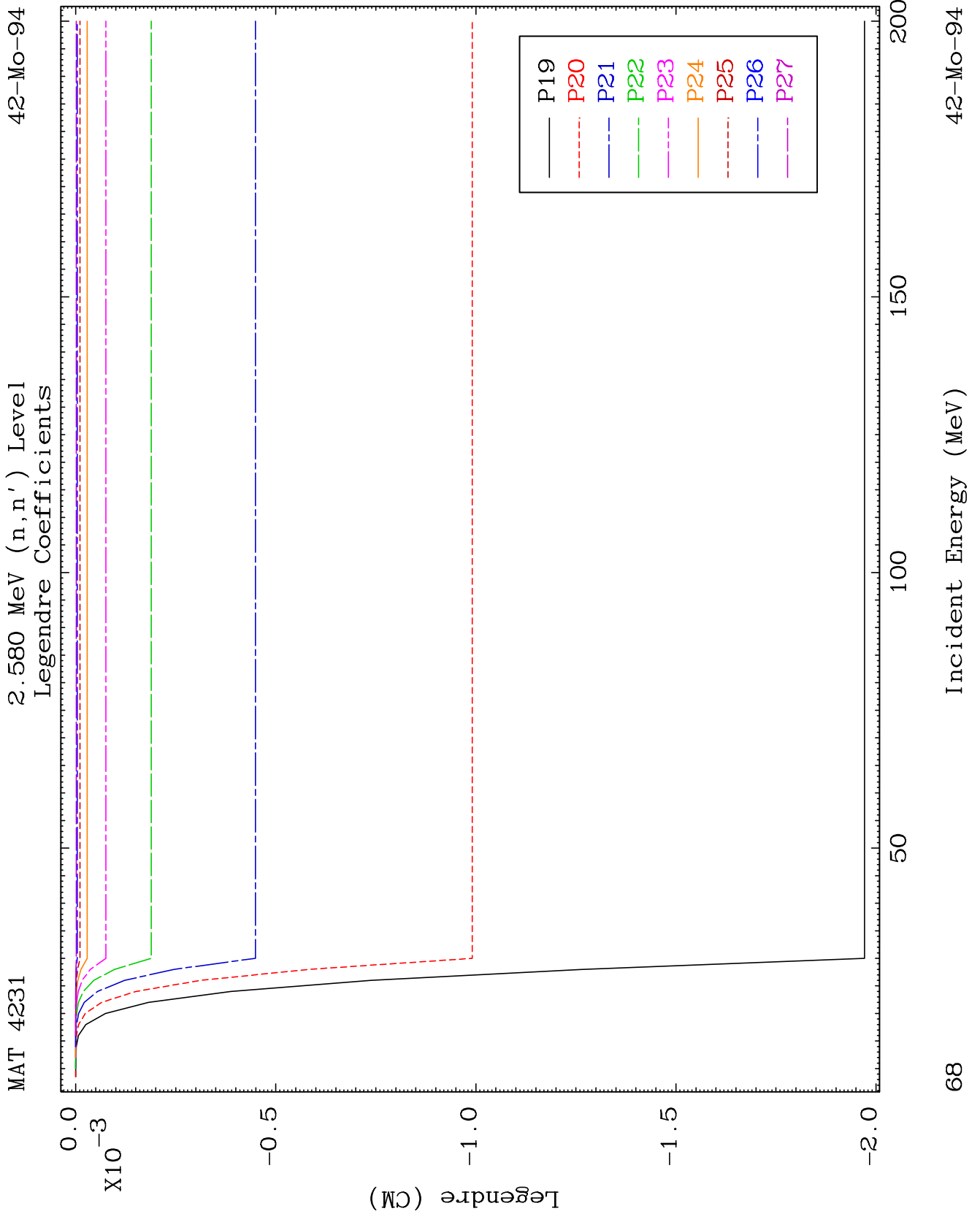
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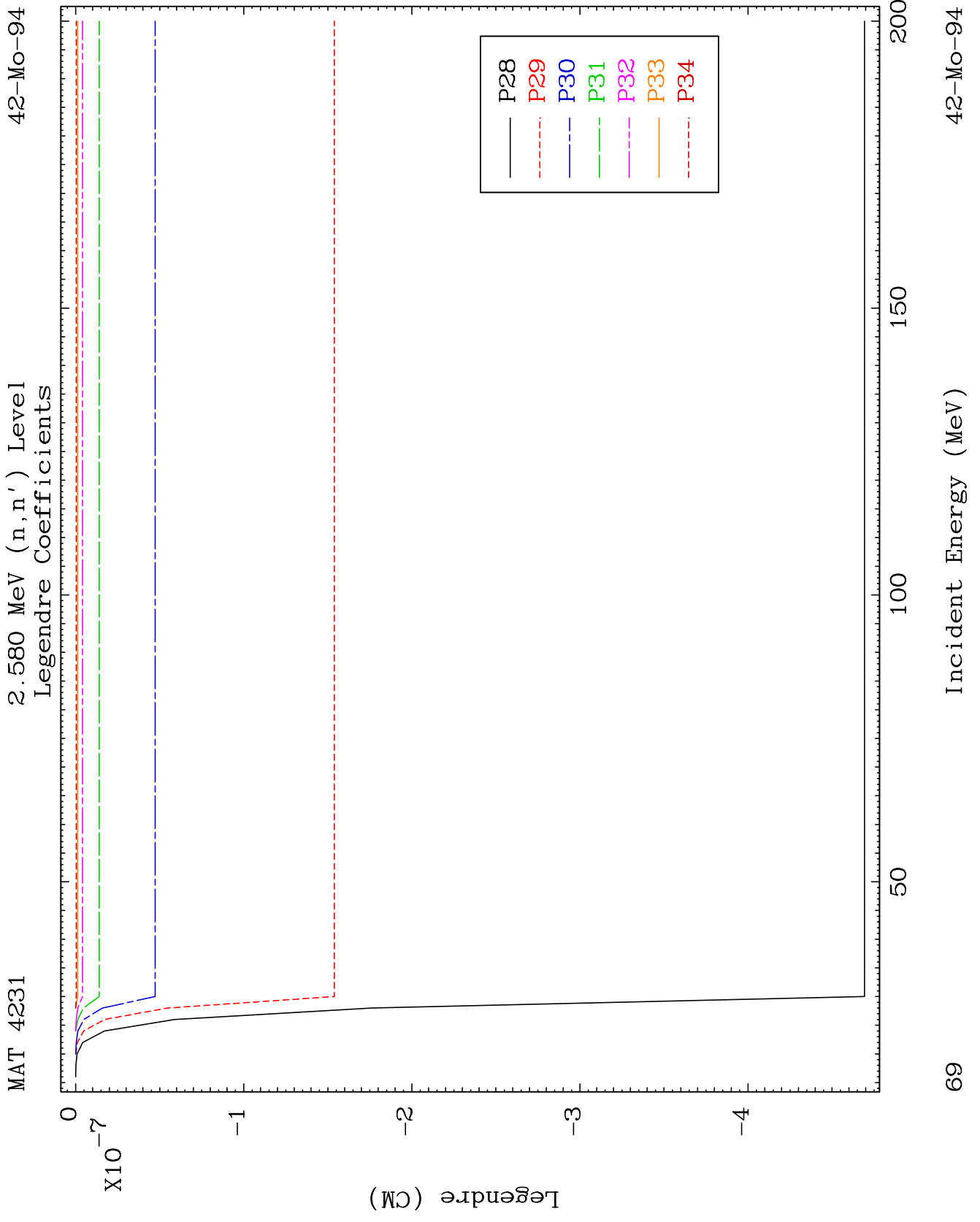


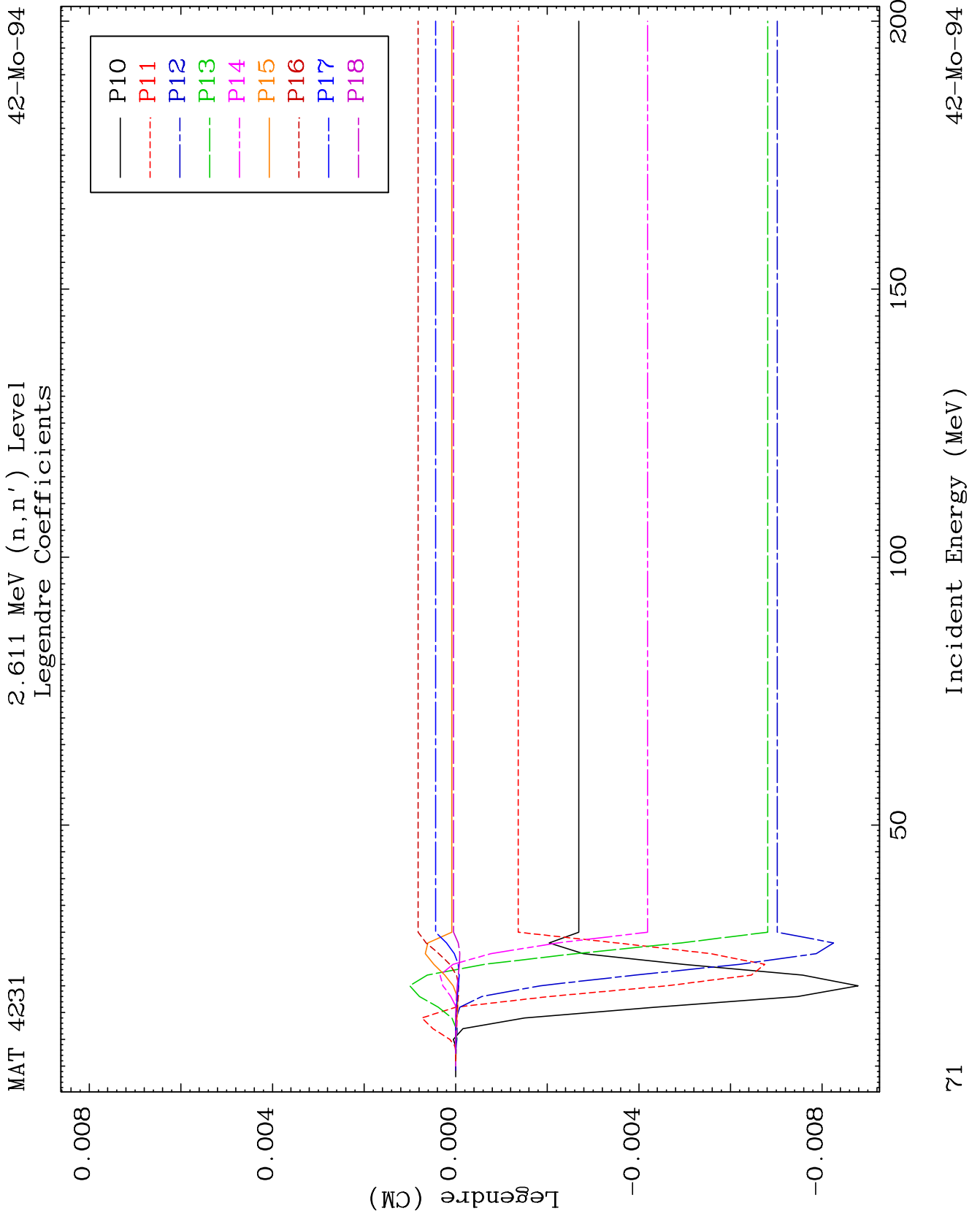
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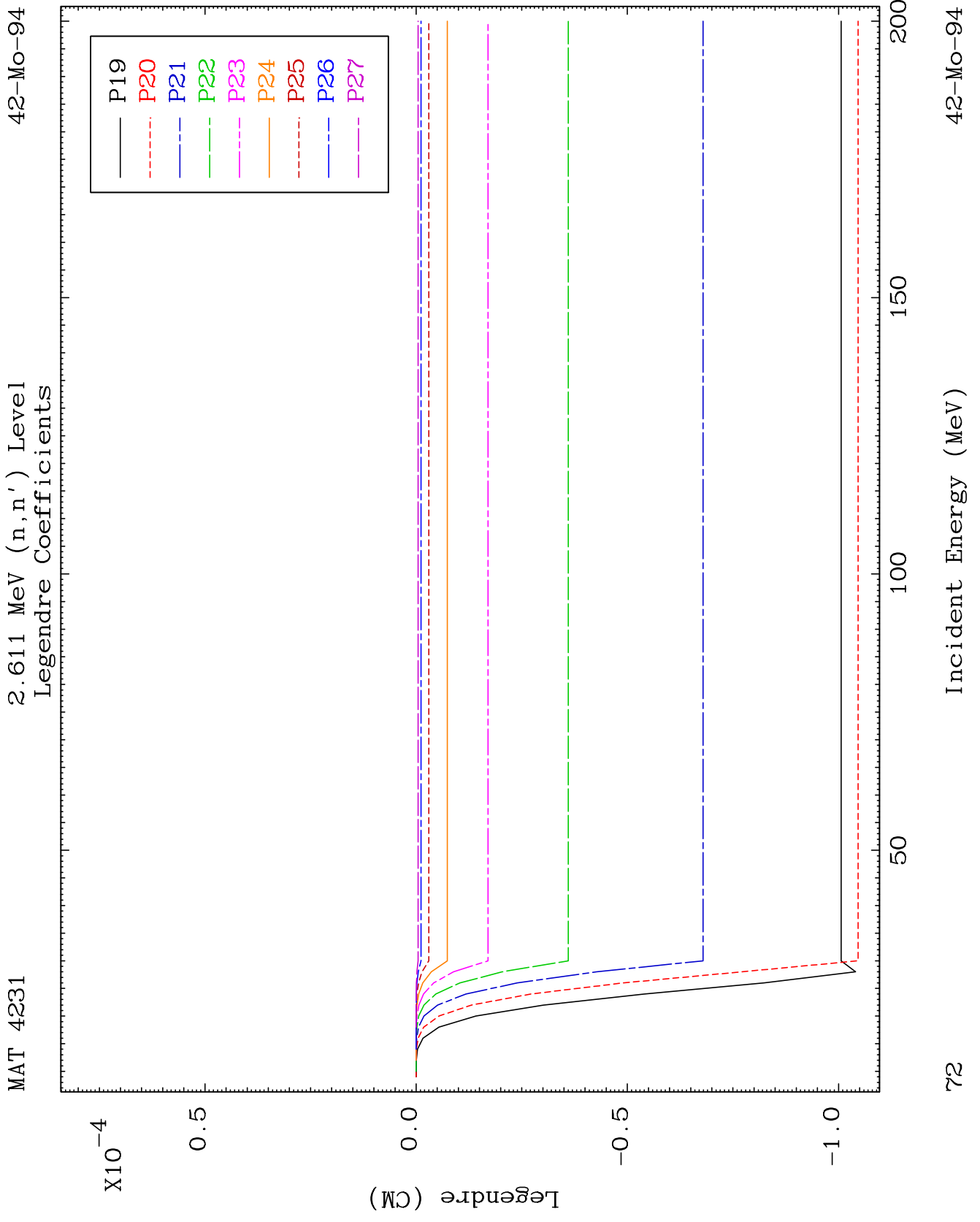
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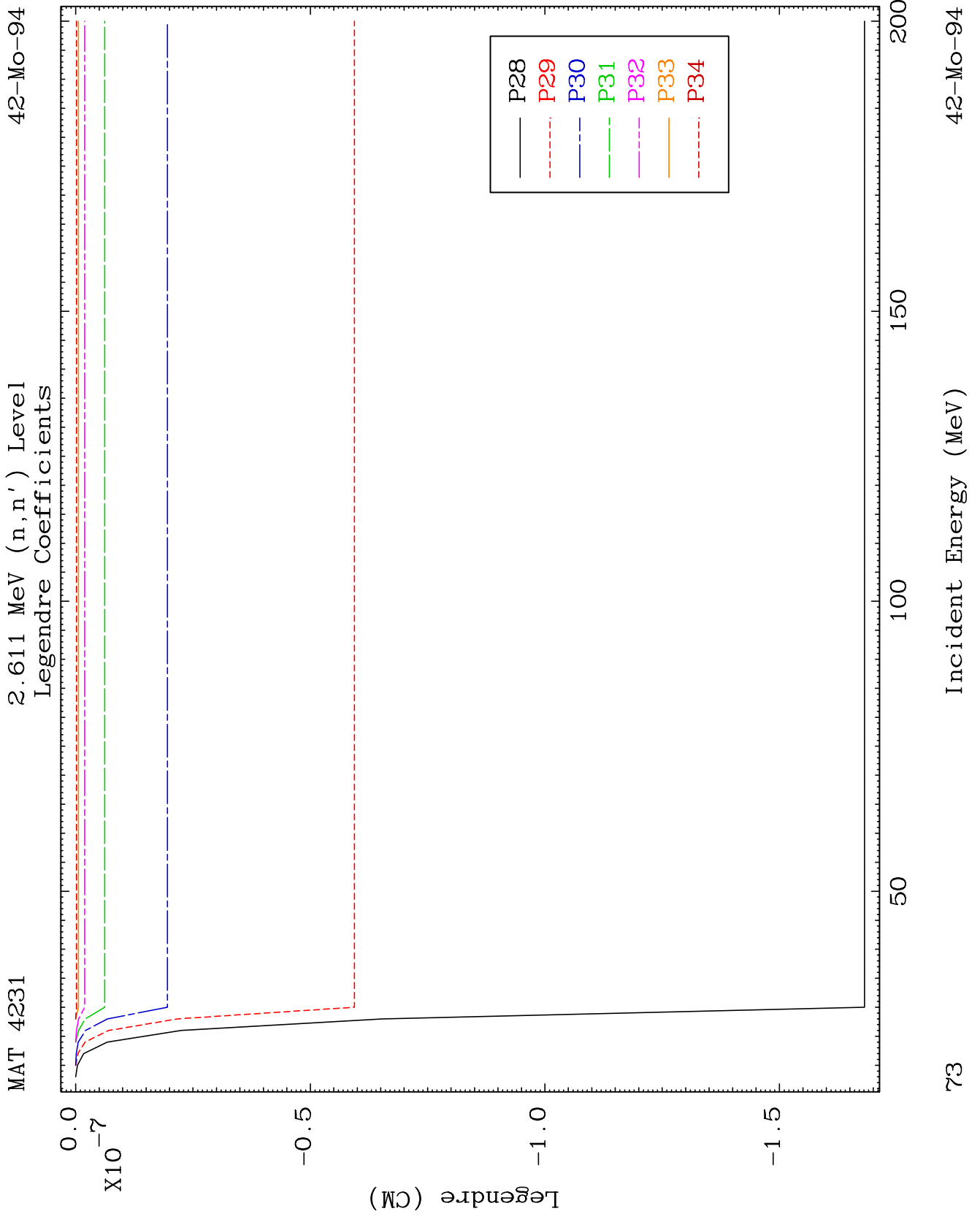
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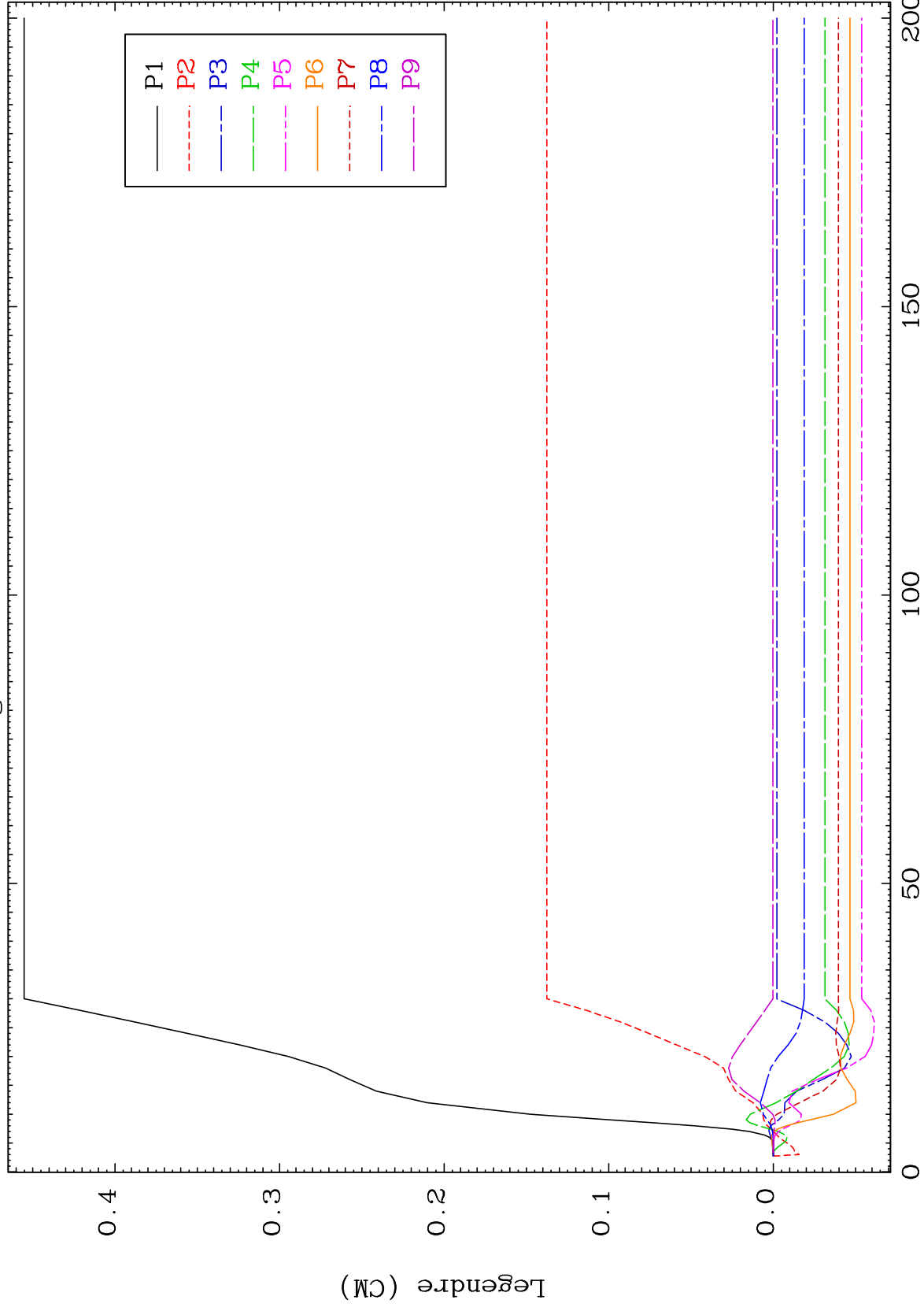




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2.703 MeV (n,n') Level
Legendre Coefficients

42-Mo-94



74

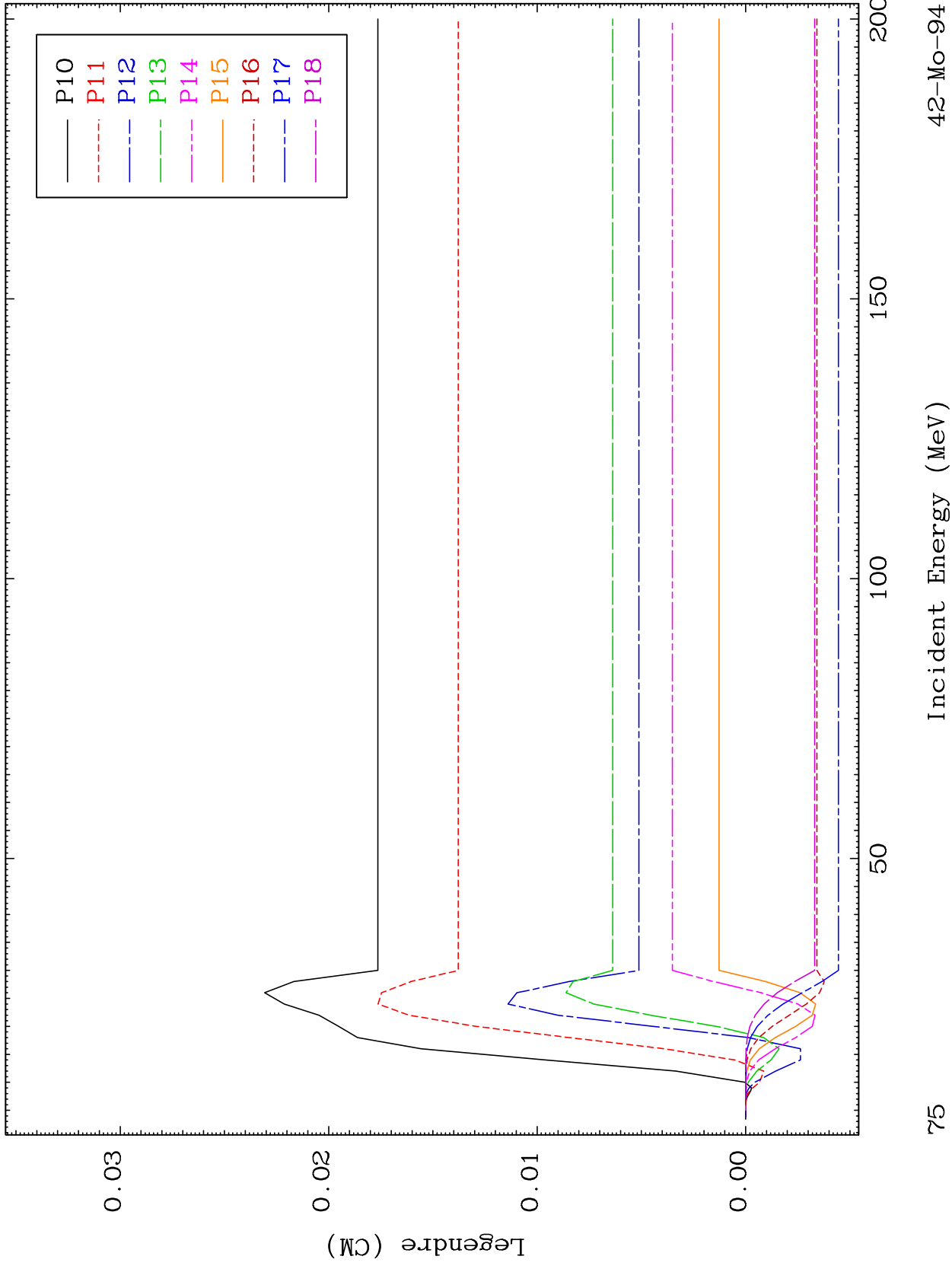
Incident Energy (MeV)

42-Mo-94

MAT 4231

2.703 MeV (n,n') Level
Legendre Coefficients

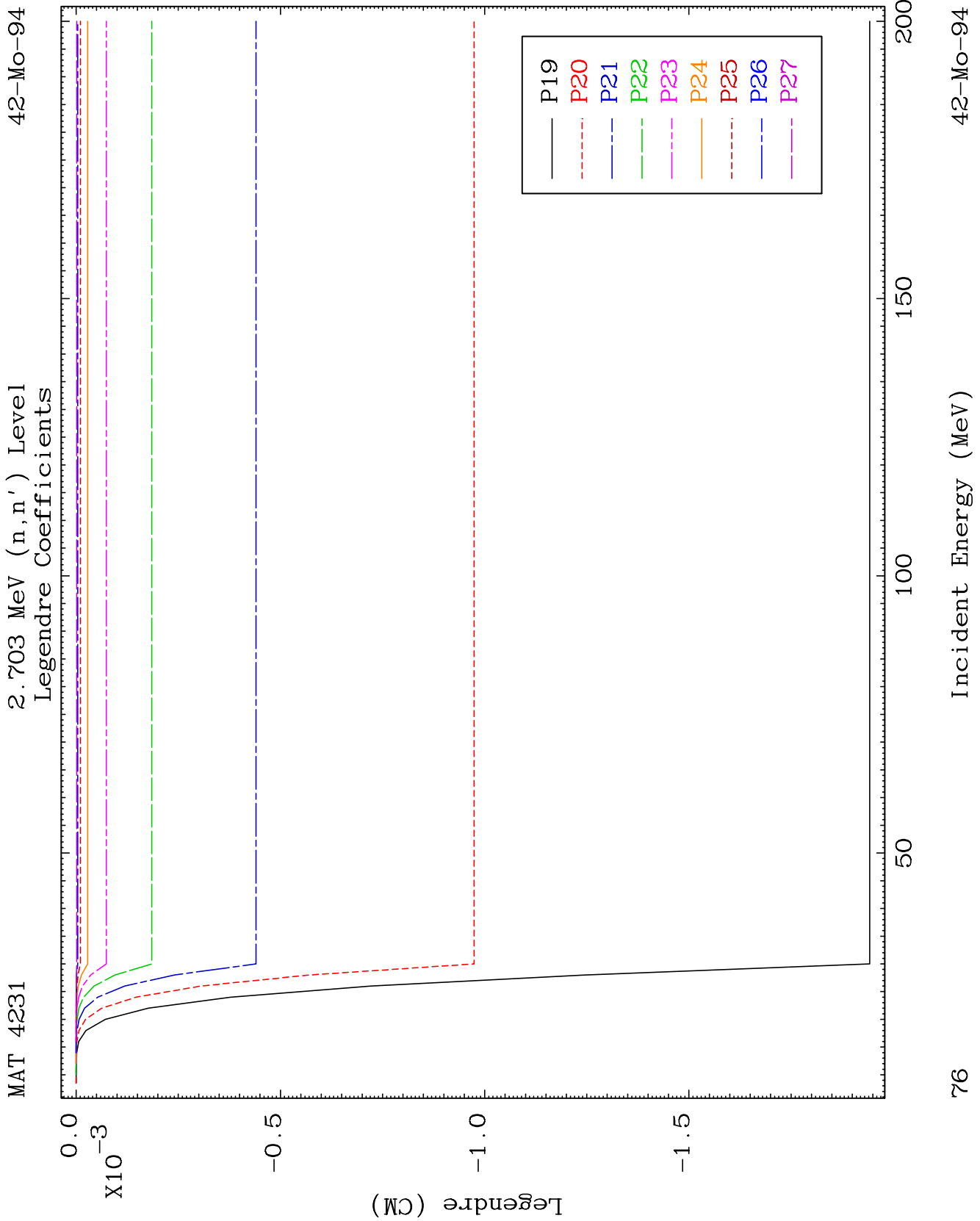
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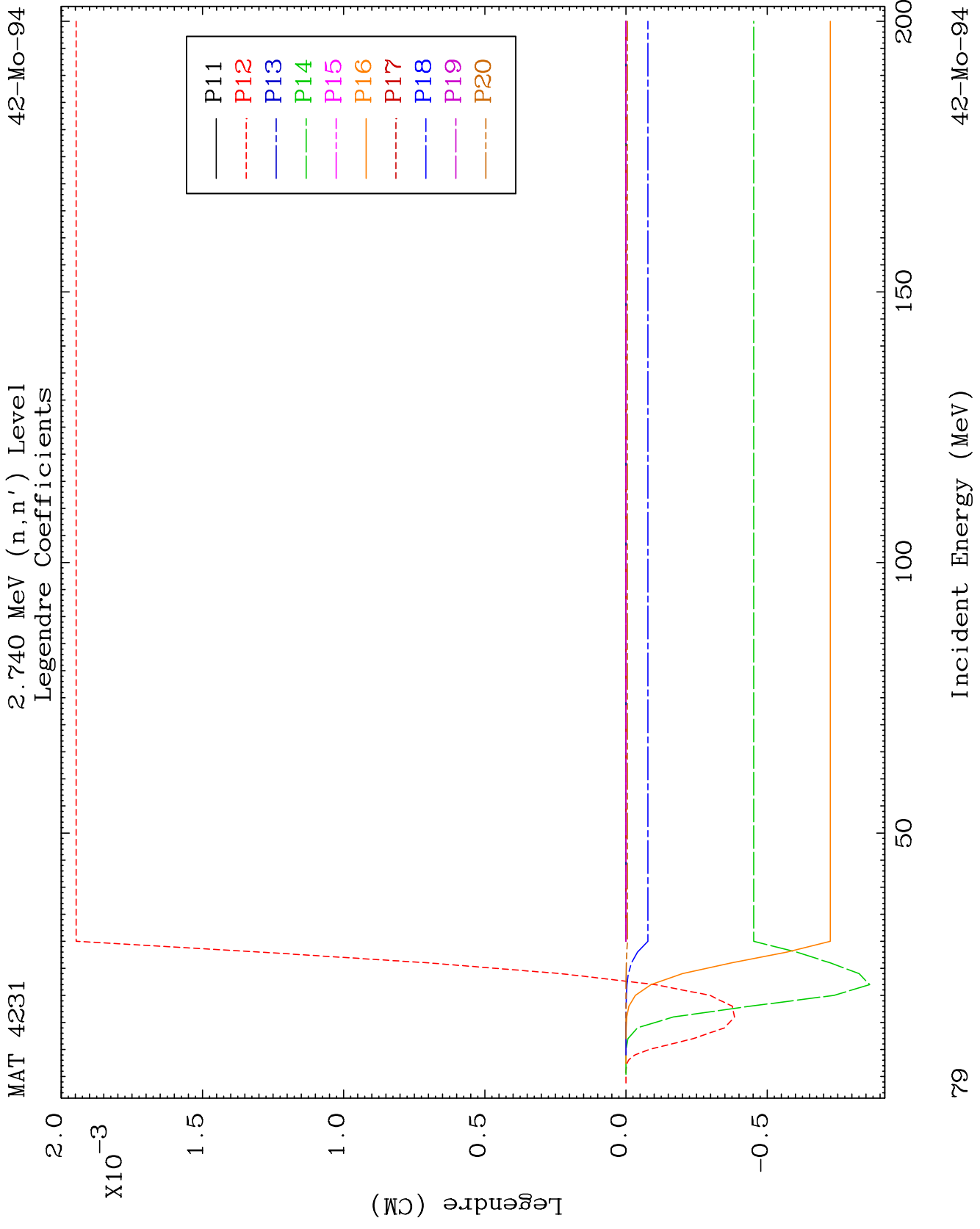


75

Incident Energy (MeV)

42-Mo-94

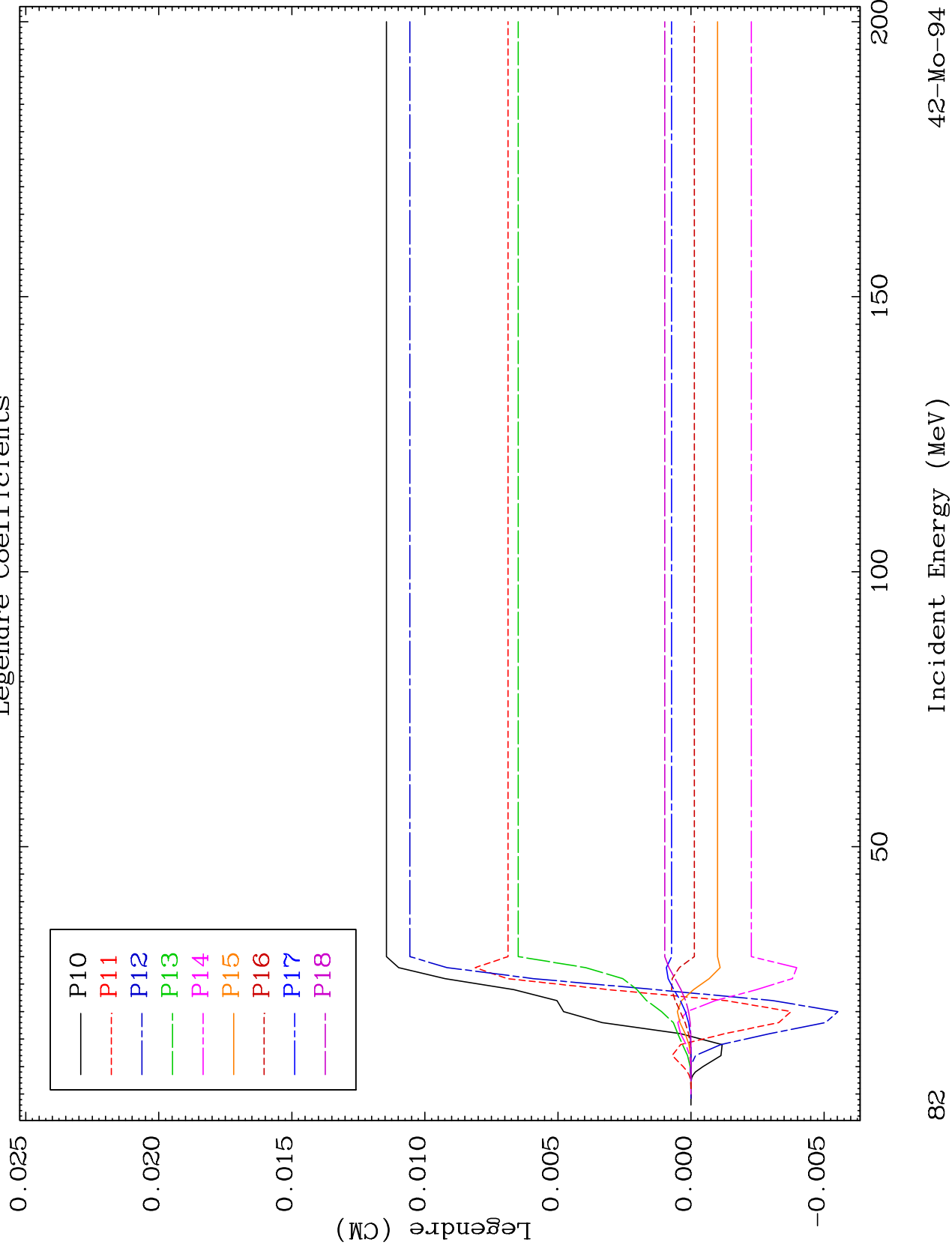




MAT 4231

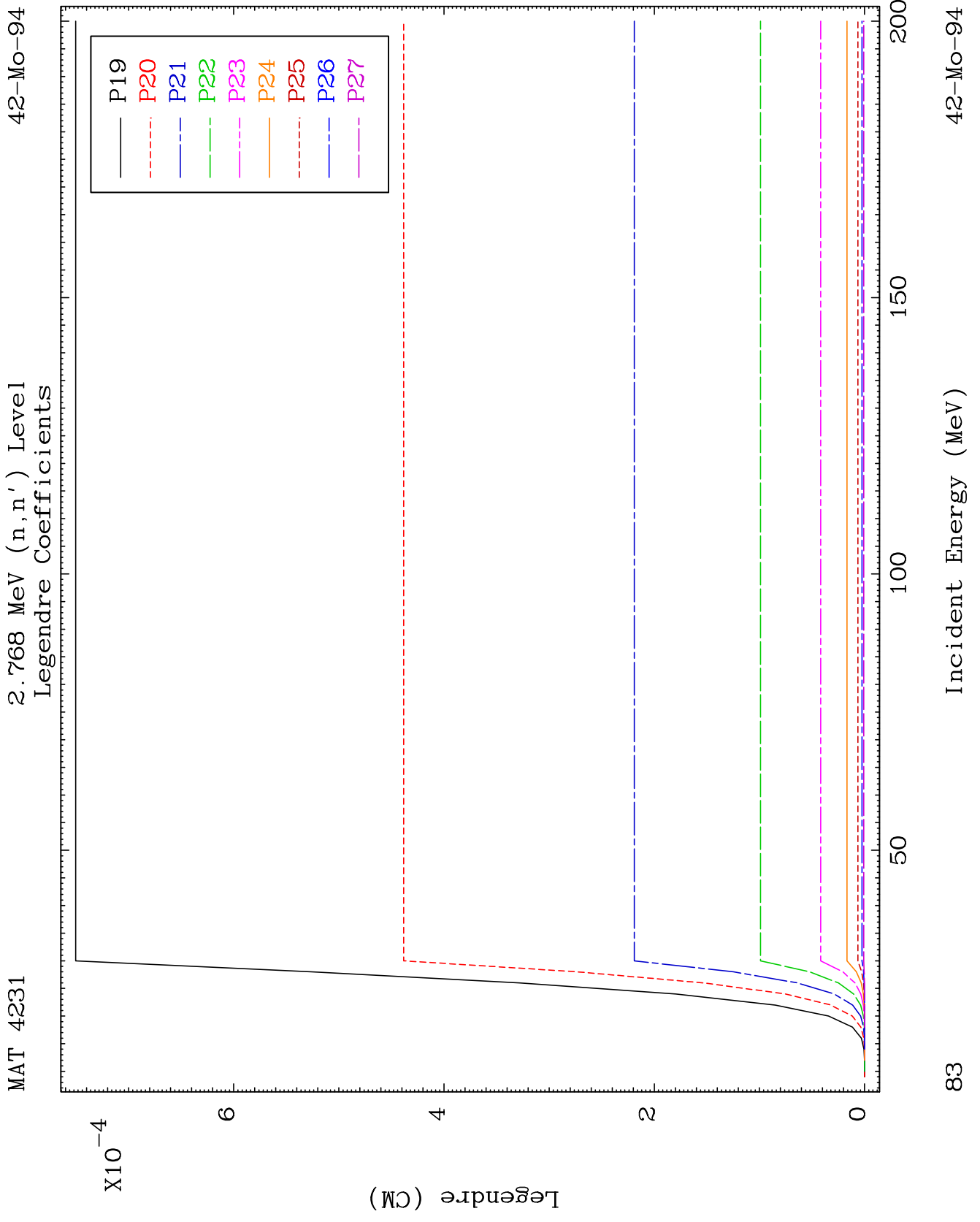
2.768 MeV (n,n') Level
Legendre Coefficients

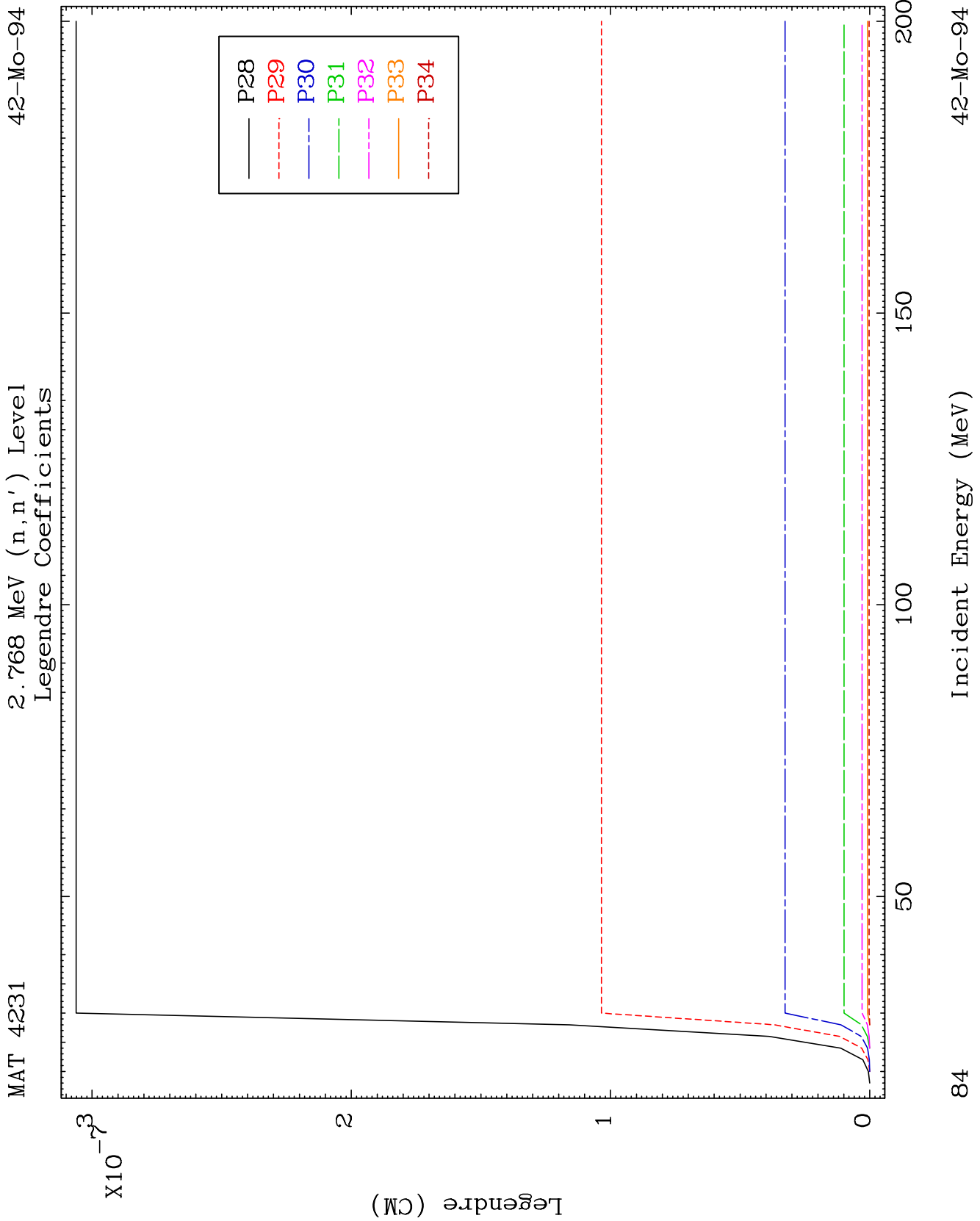
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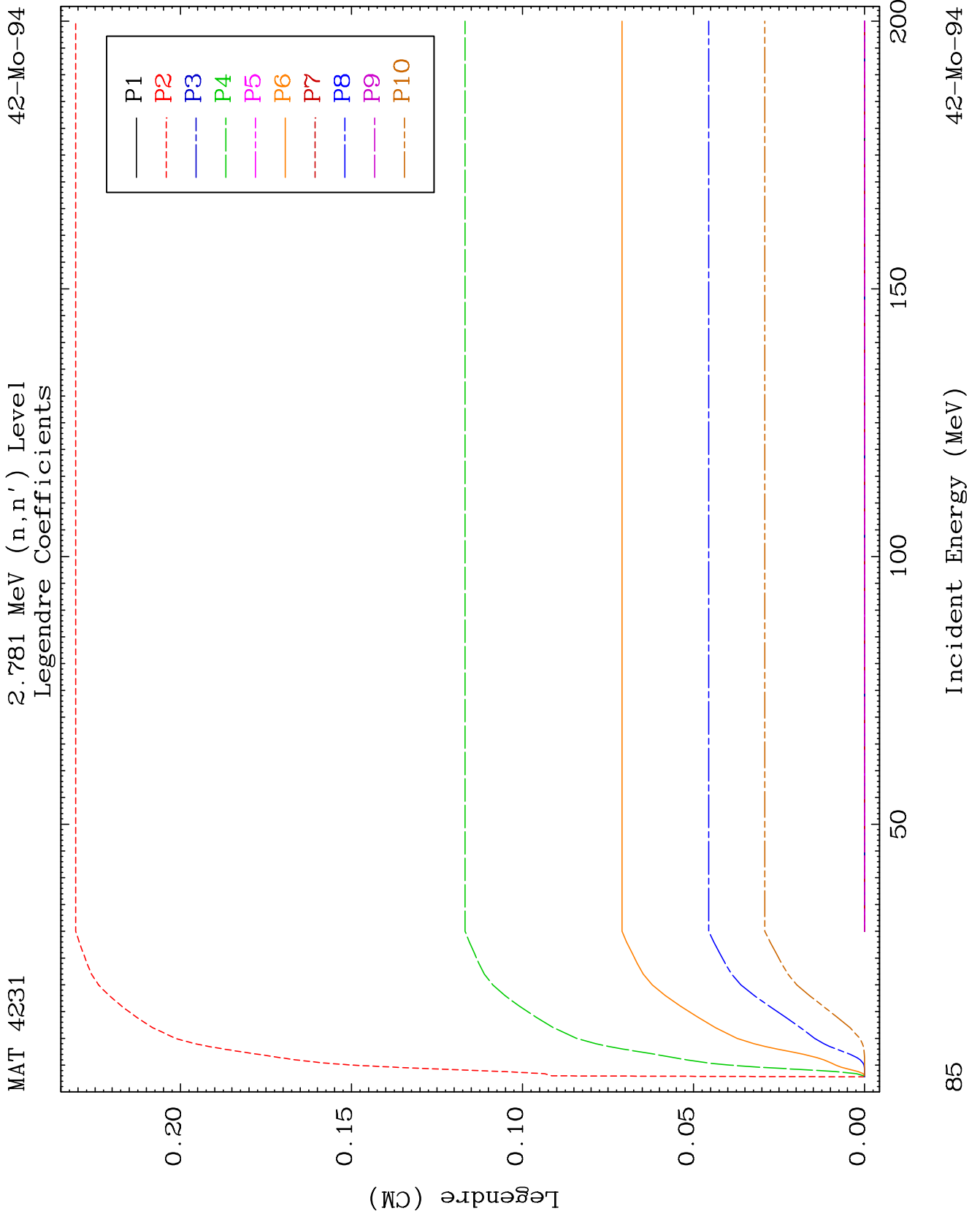


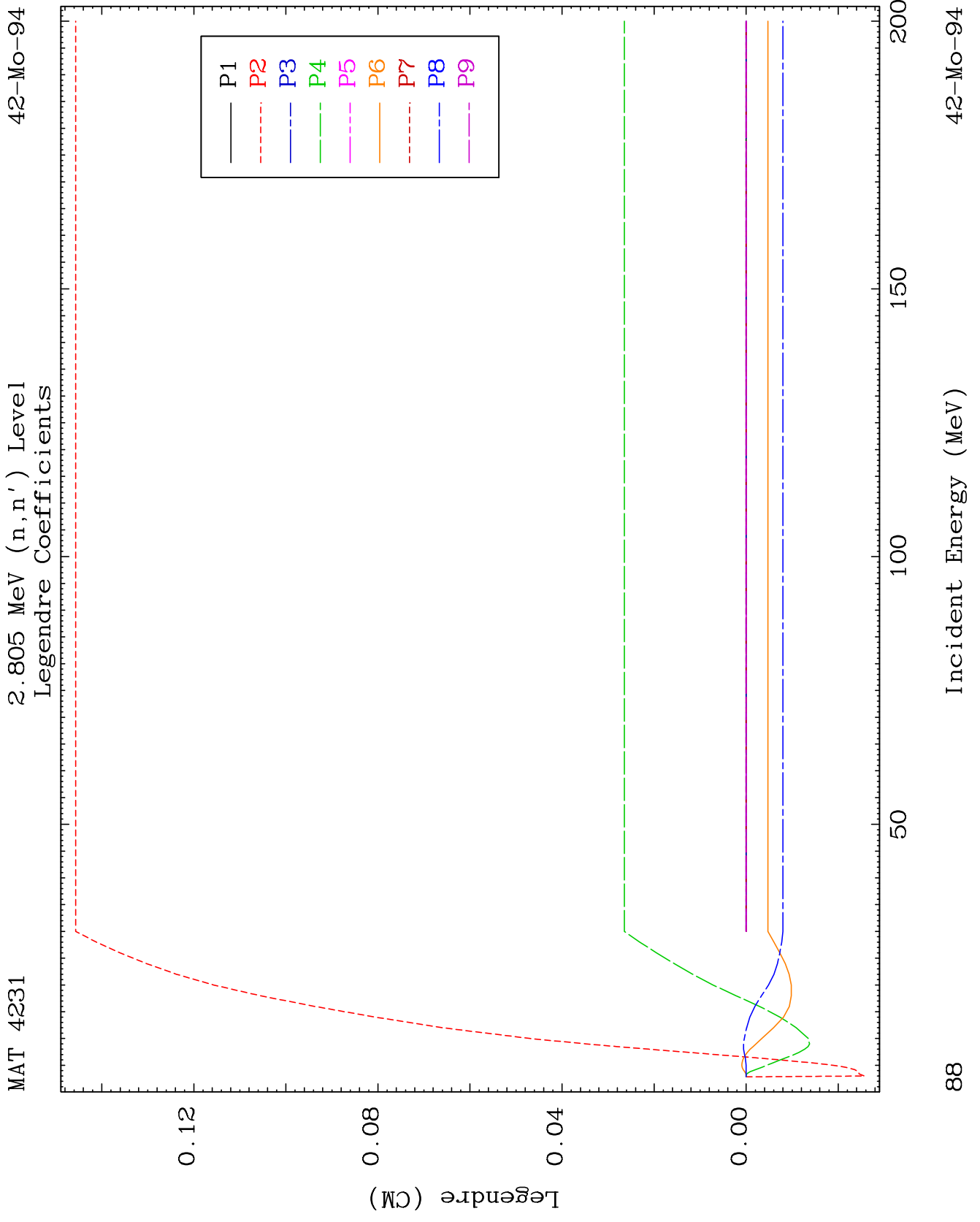
82

42-Mo-94





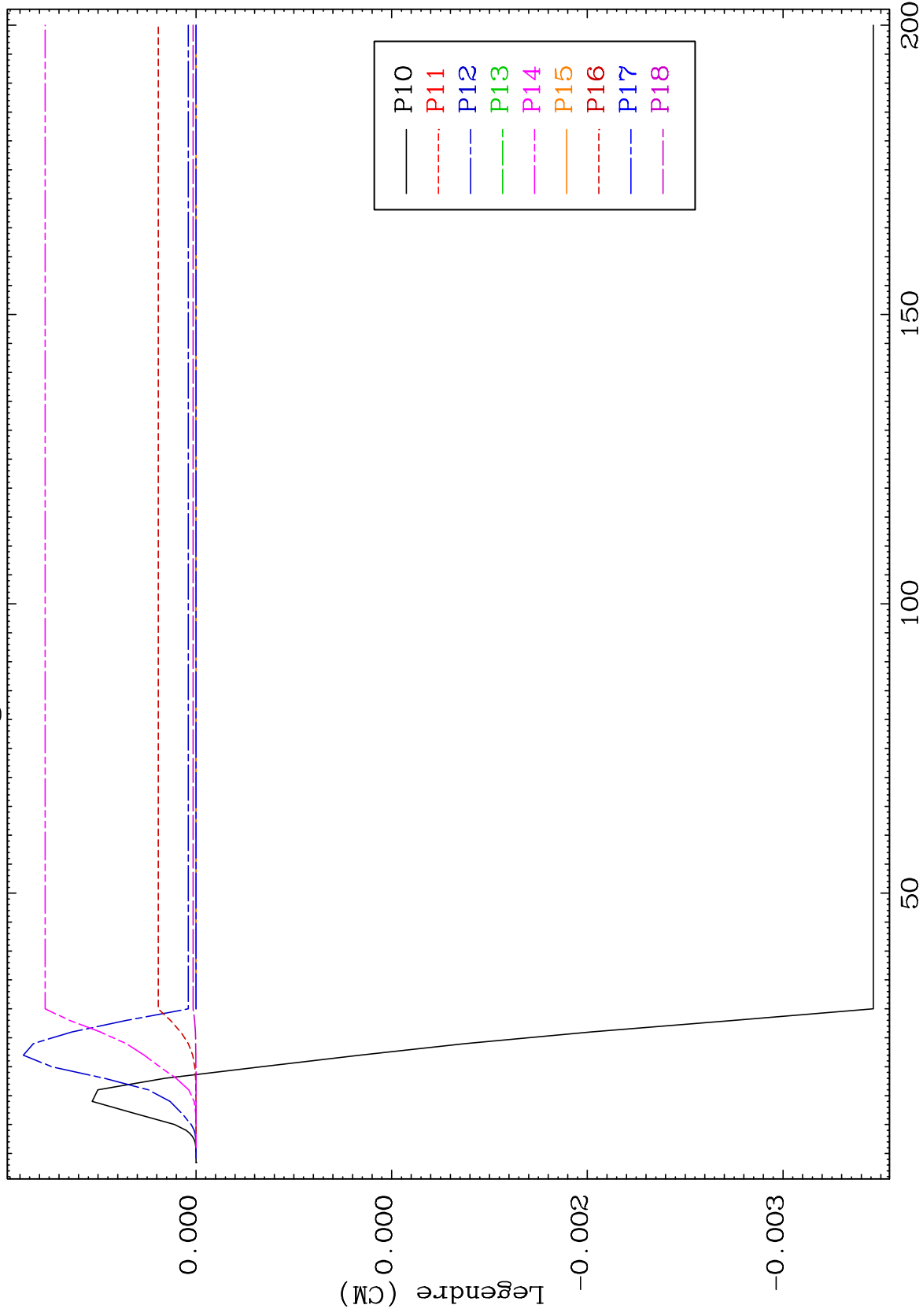




MAT 4231

2.805 MeV (n,n') Level
Legendre Coefficients

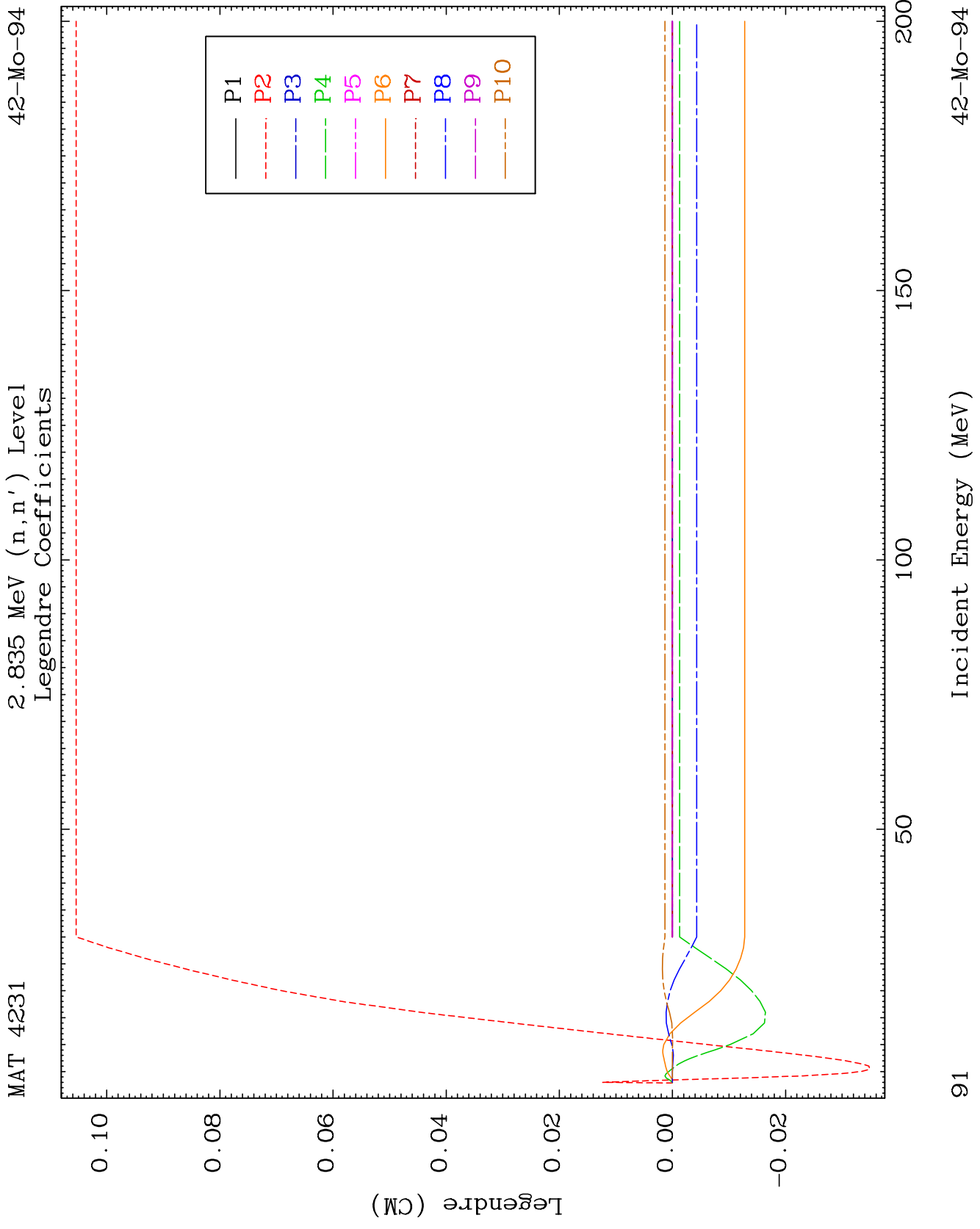
42-Mo-94

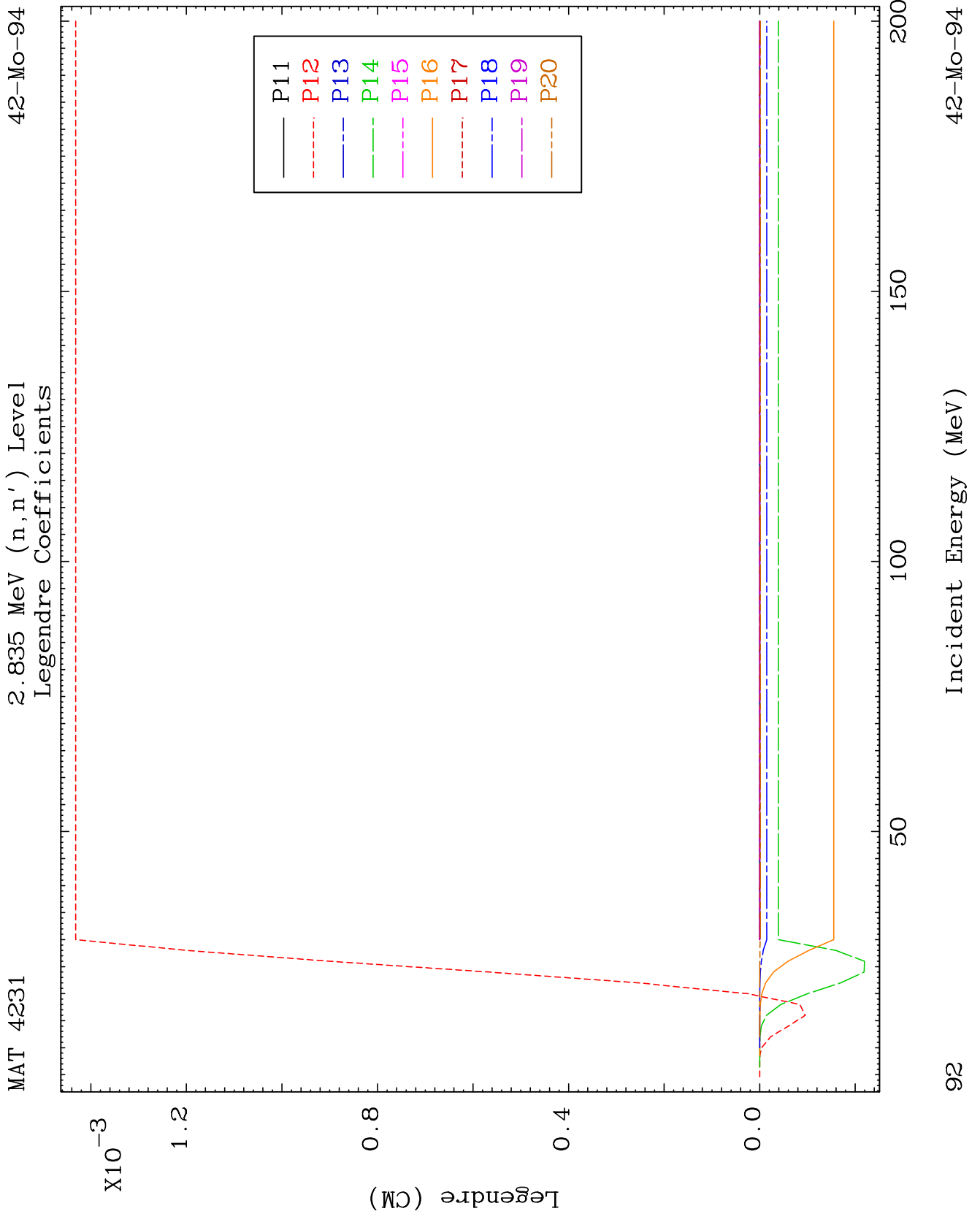


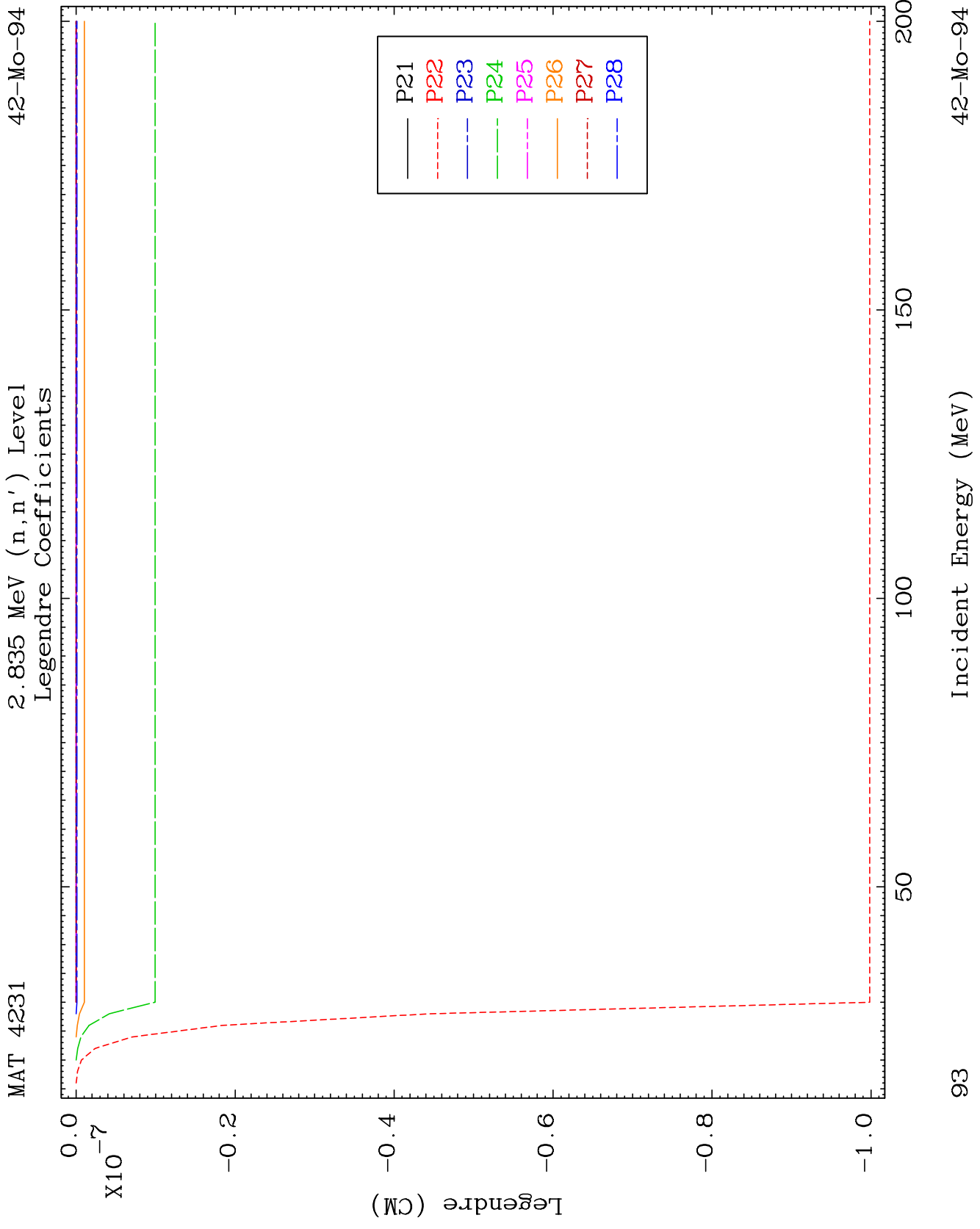
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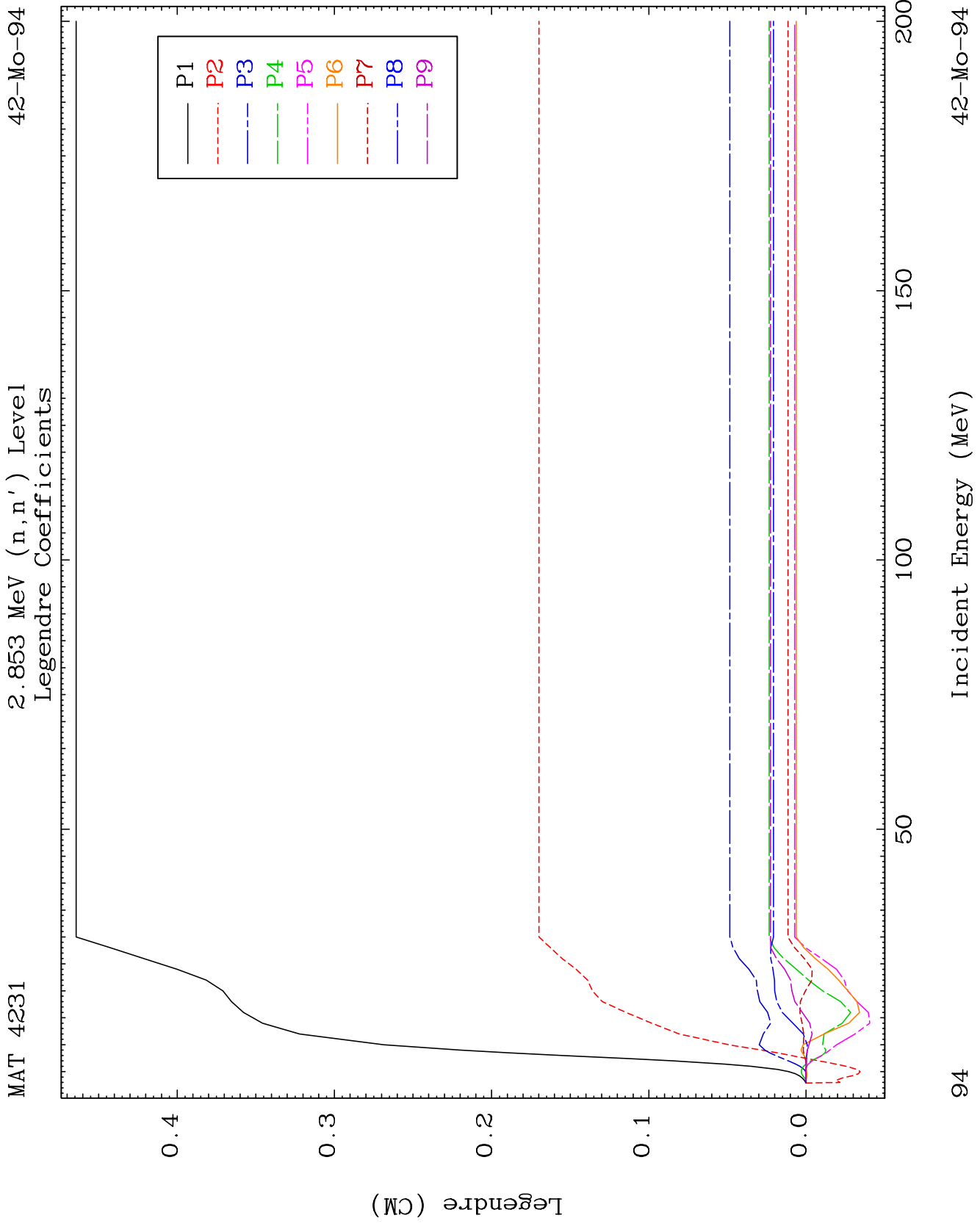
Incident Energy (MeV)

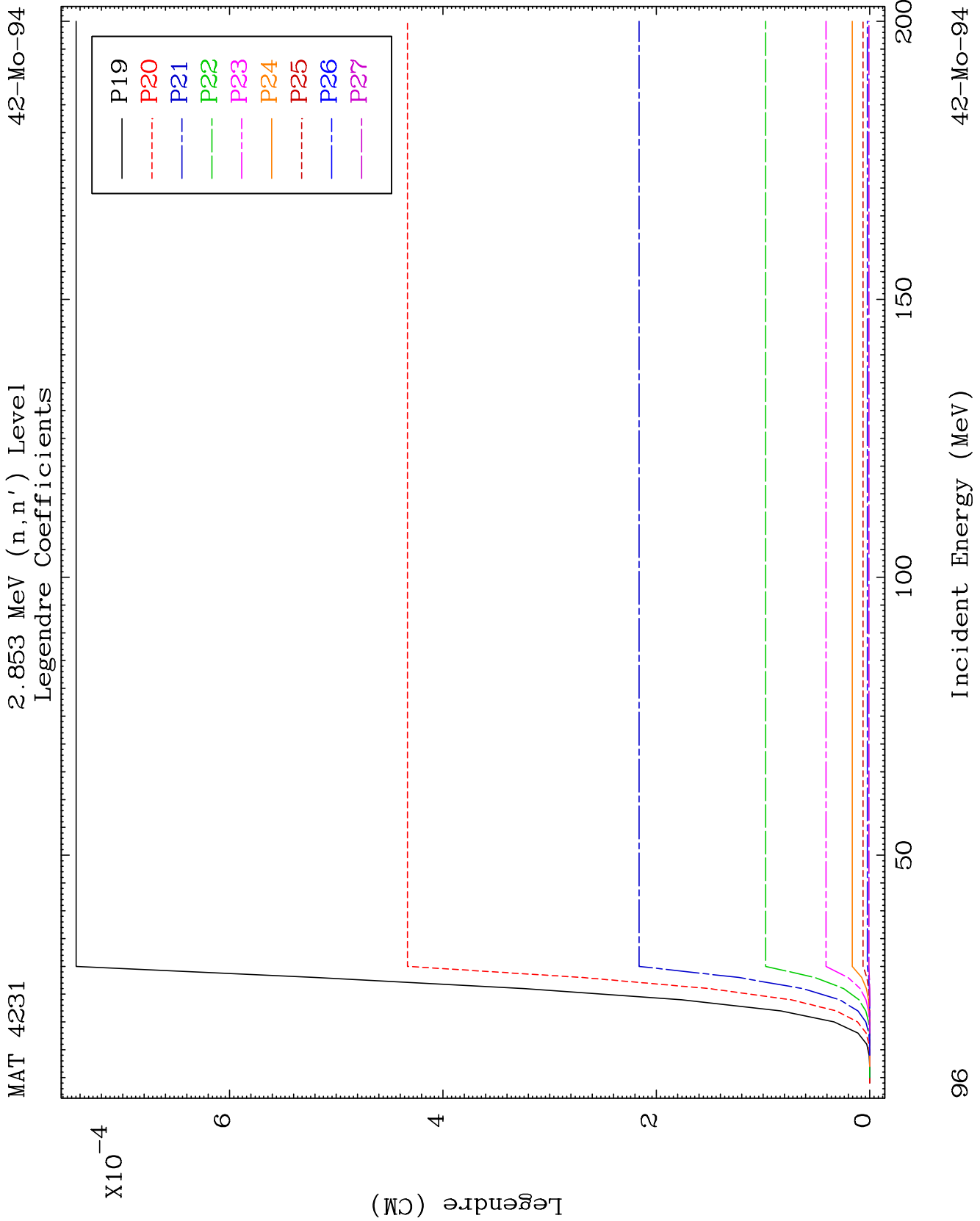
42-Mo-94

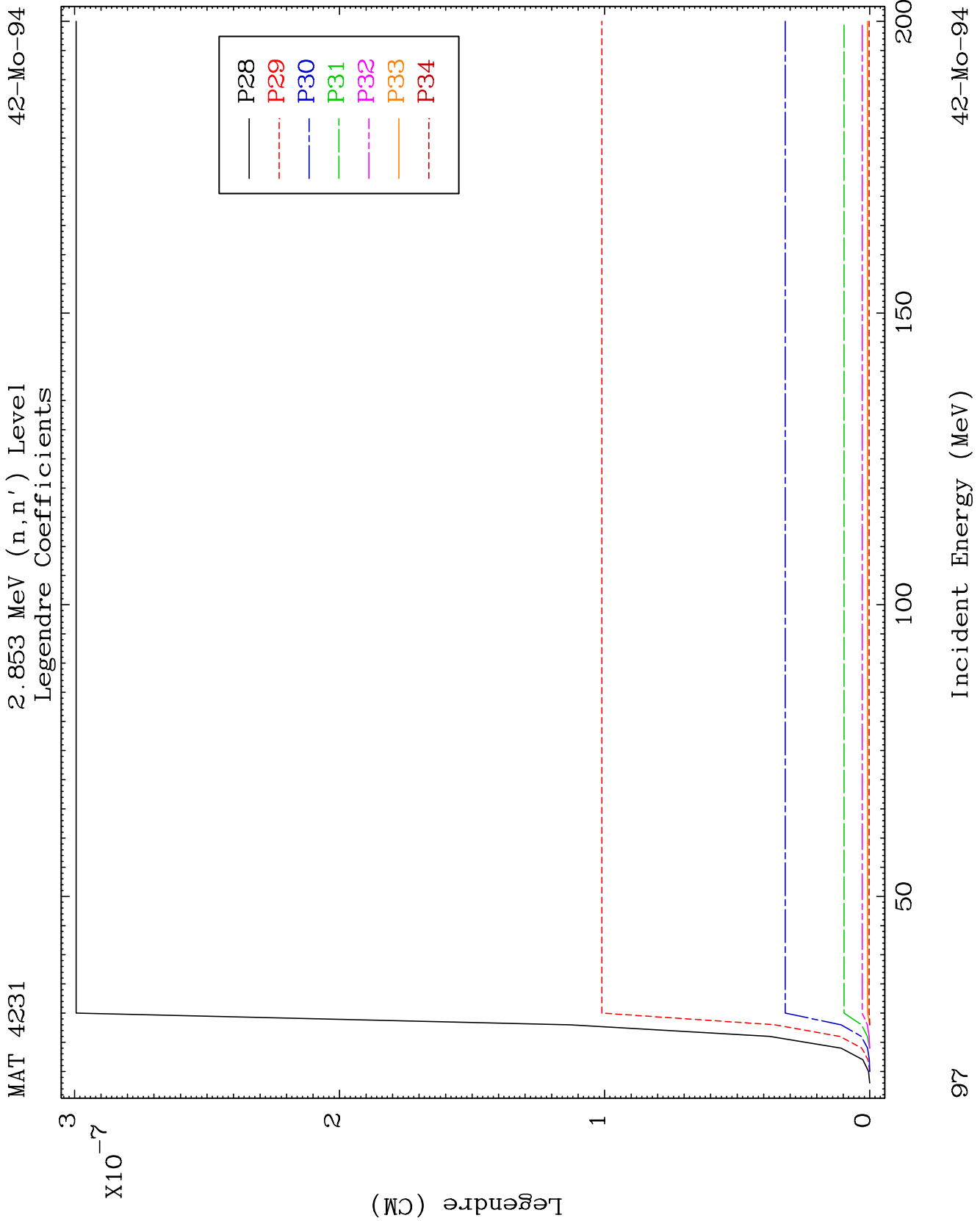








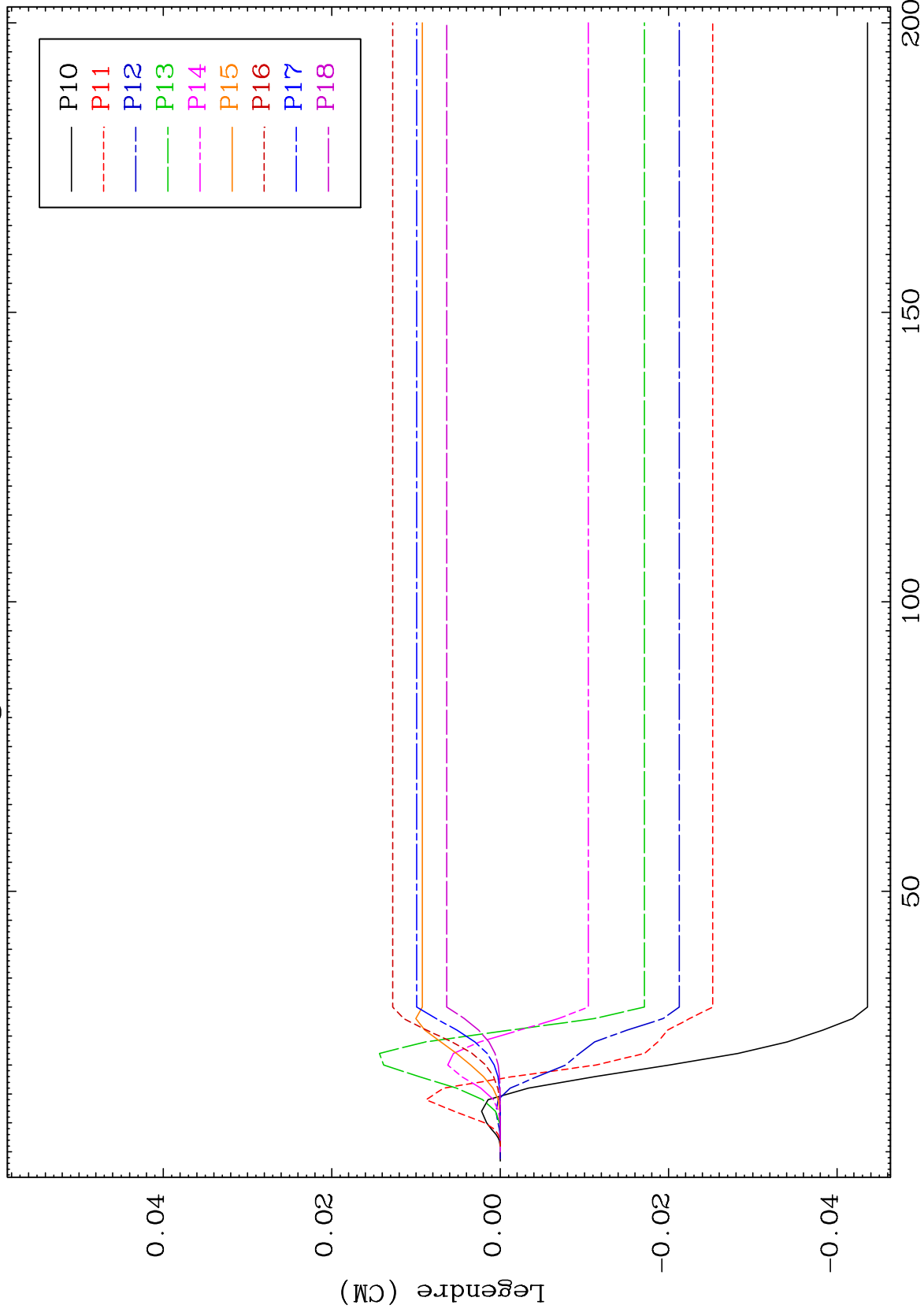




MAT 4231

2.870 MeV (n,n') Level
Legendre Coefficients

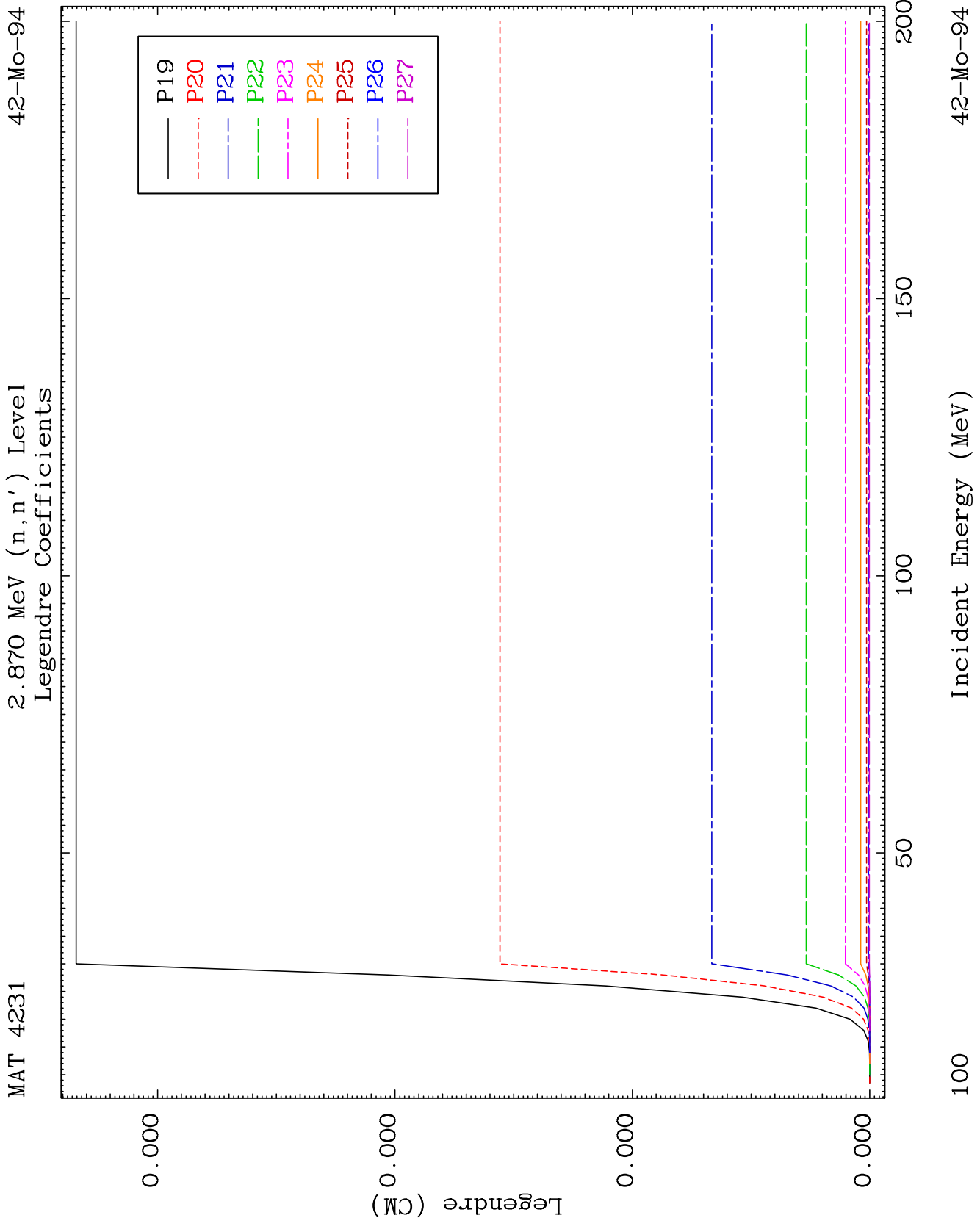
42-Mo-94



99

Incident Energy (MeV)

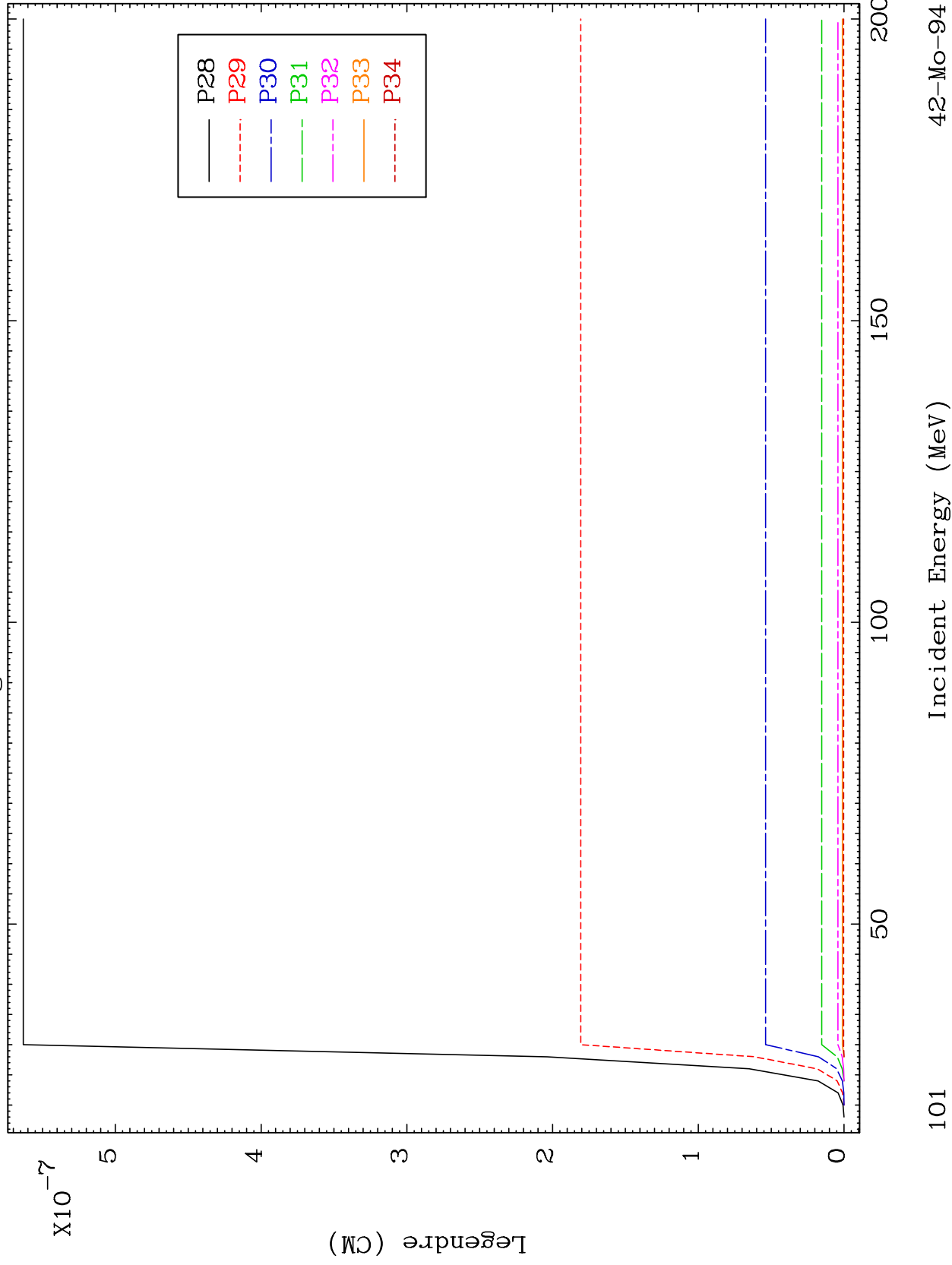
42-Mo-94



MAT 4231

2.870 MeV (n,n') Level
Legendre Coefficients

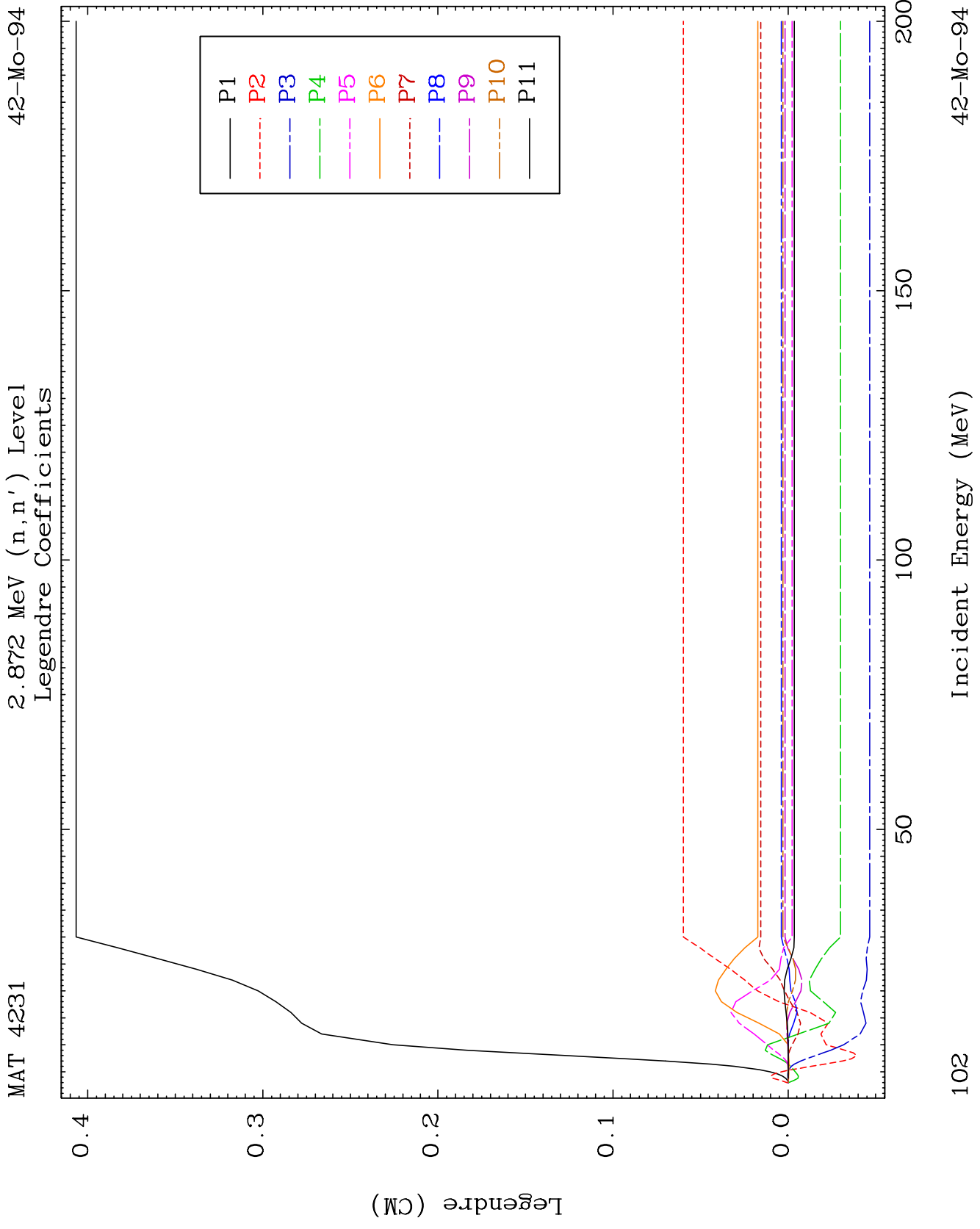
42-Mo-94



101

Incident Energy (MeV)

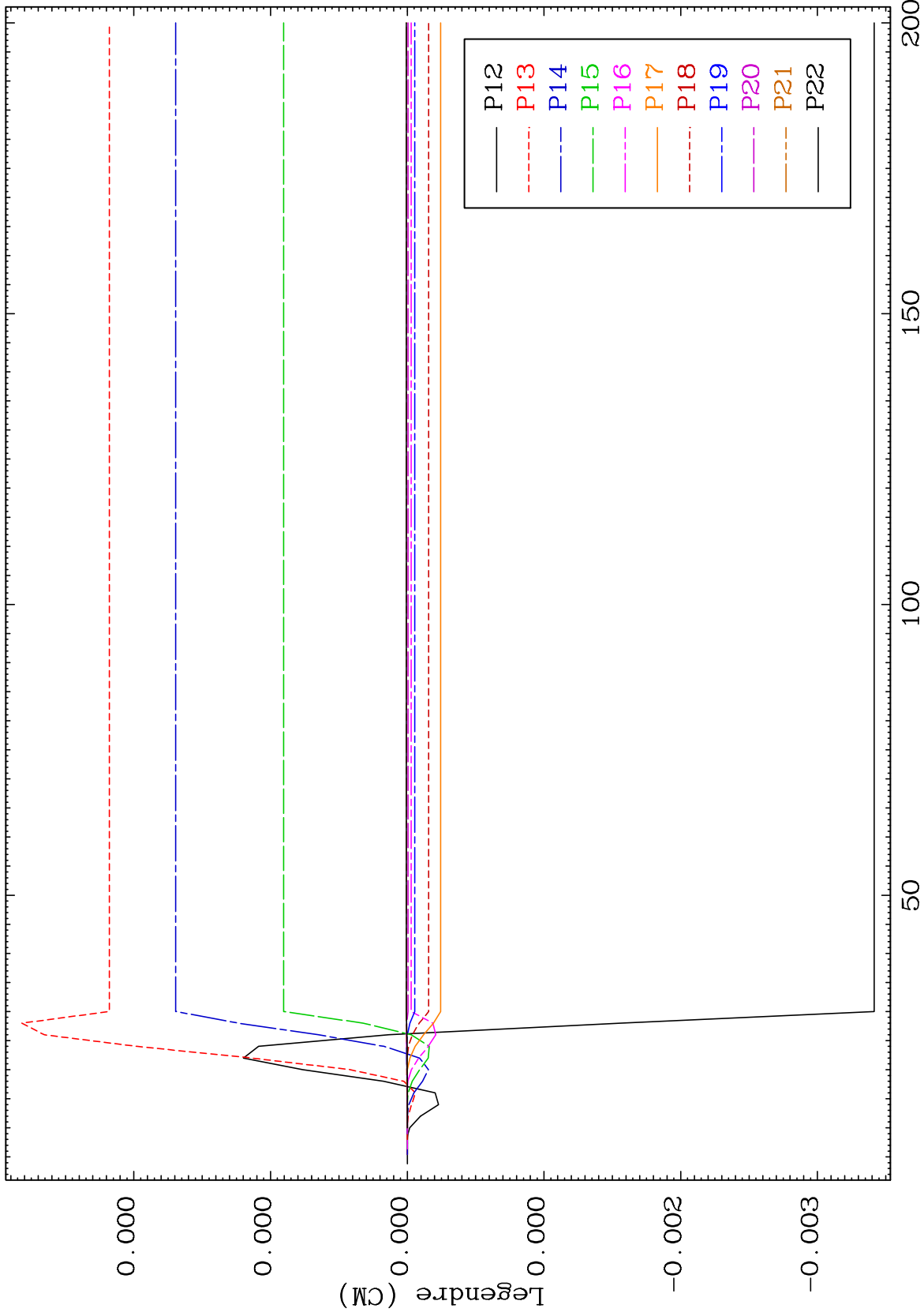
42-Mo-94



MAT 4231

2.872 MeV (n,n') Level
Legendre Coefficients

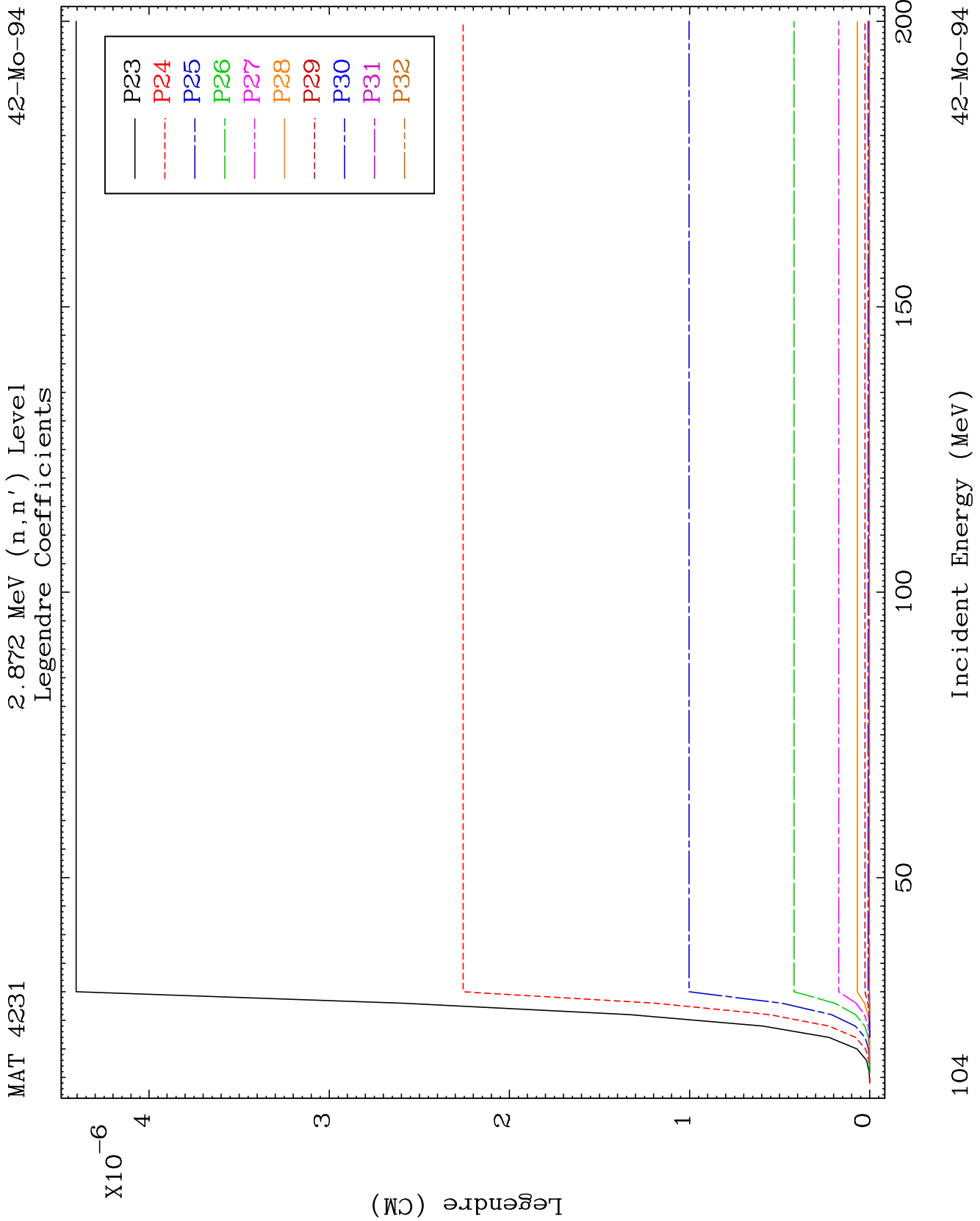
42-Mo-94



103

Incident Energy (MeV)

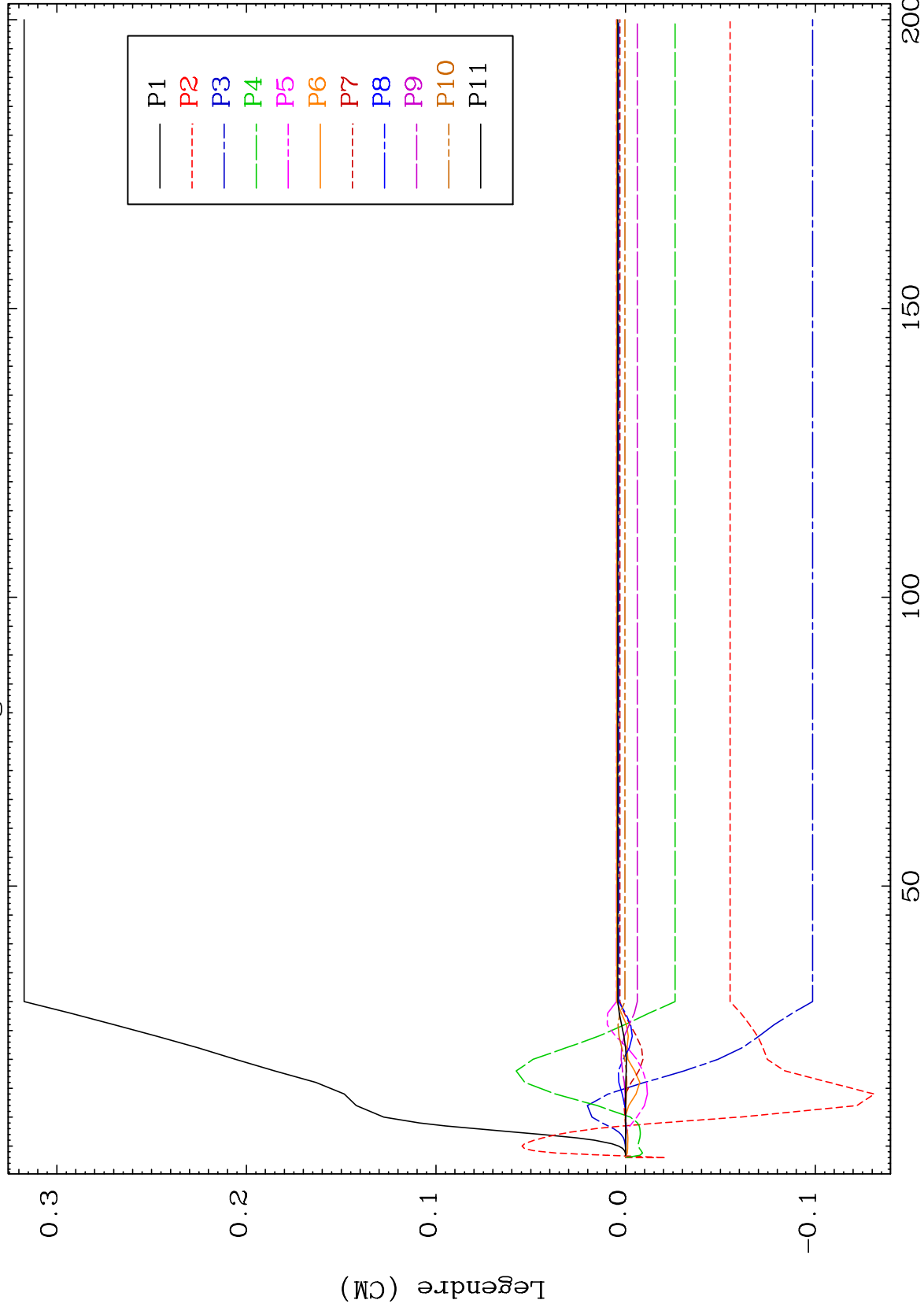
42-Mo-94



MAT 4231

2.956 MeV (n,n') Level
Legendre Coefficients

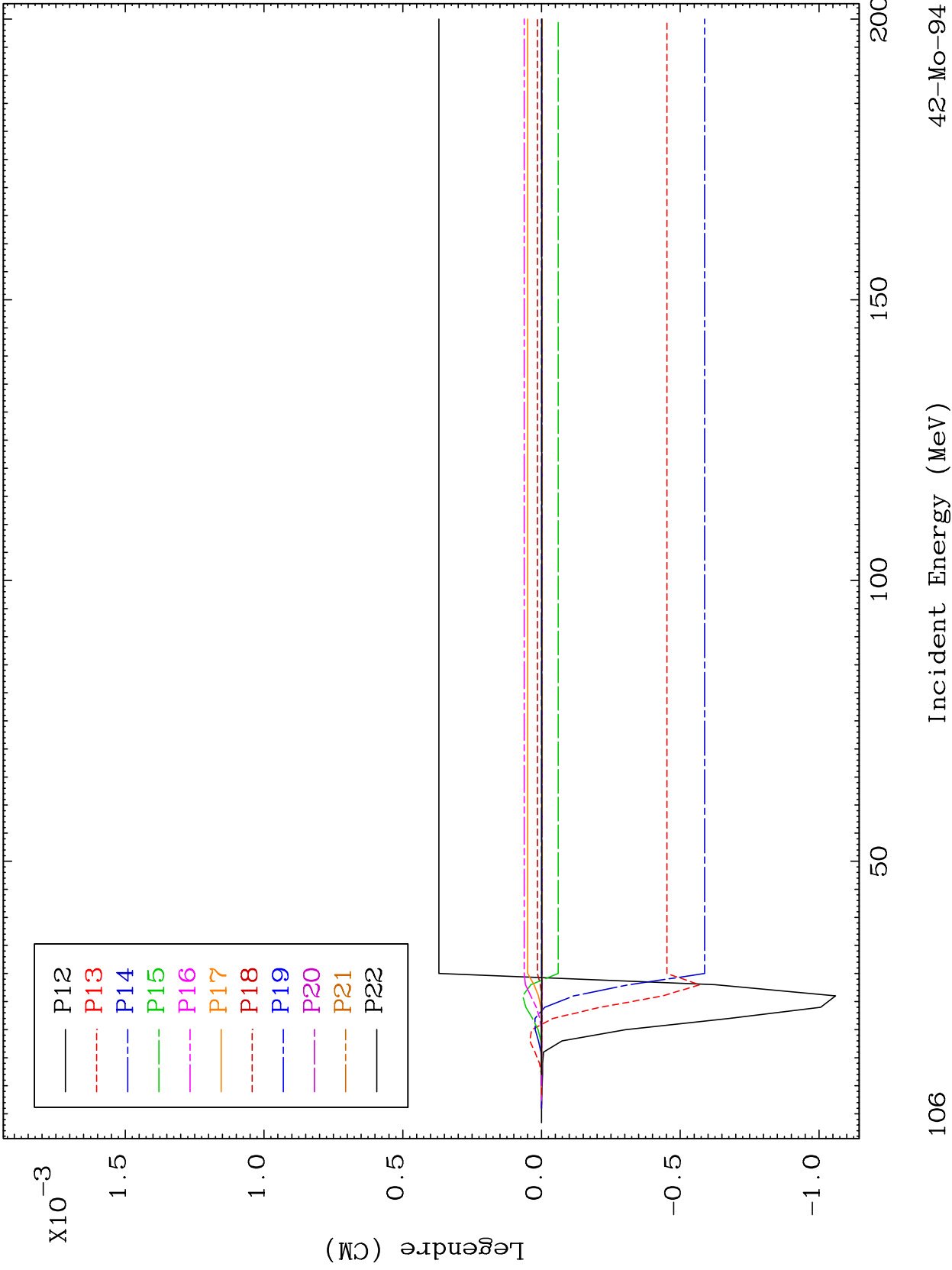
42-Mo-94

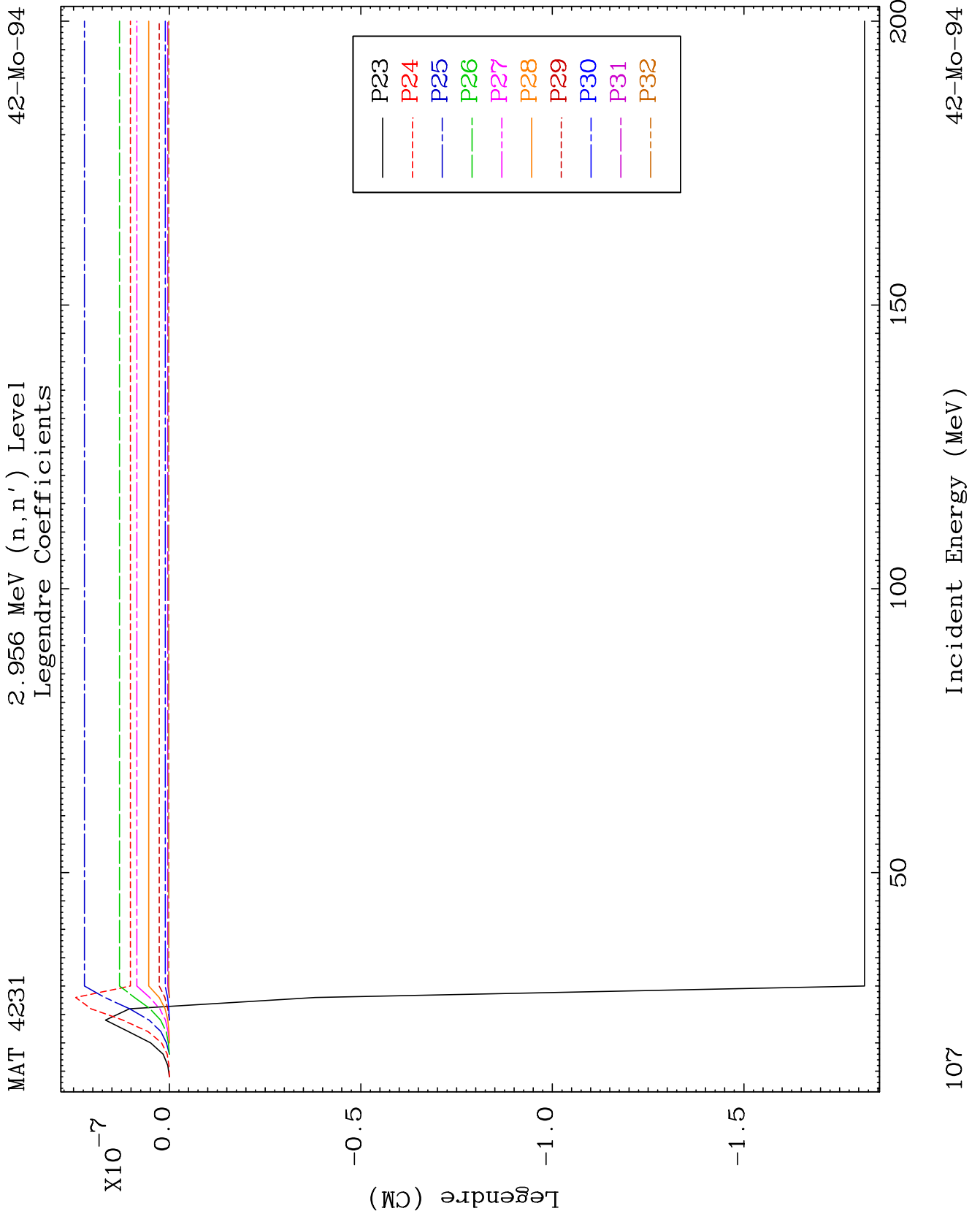


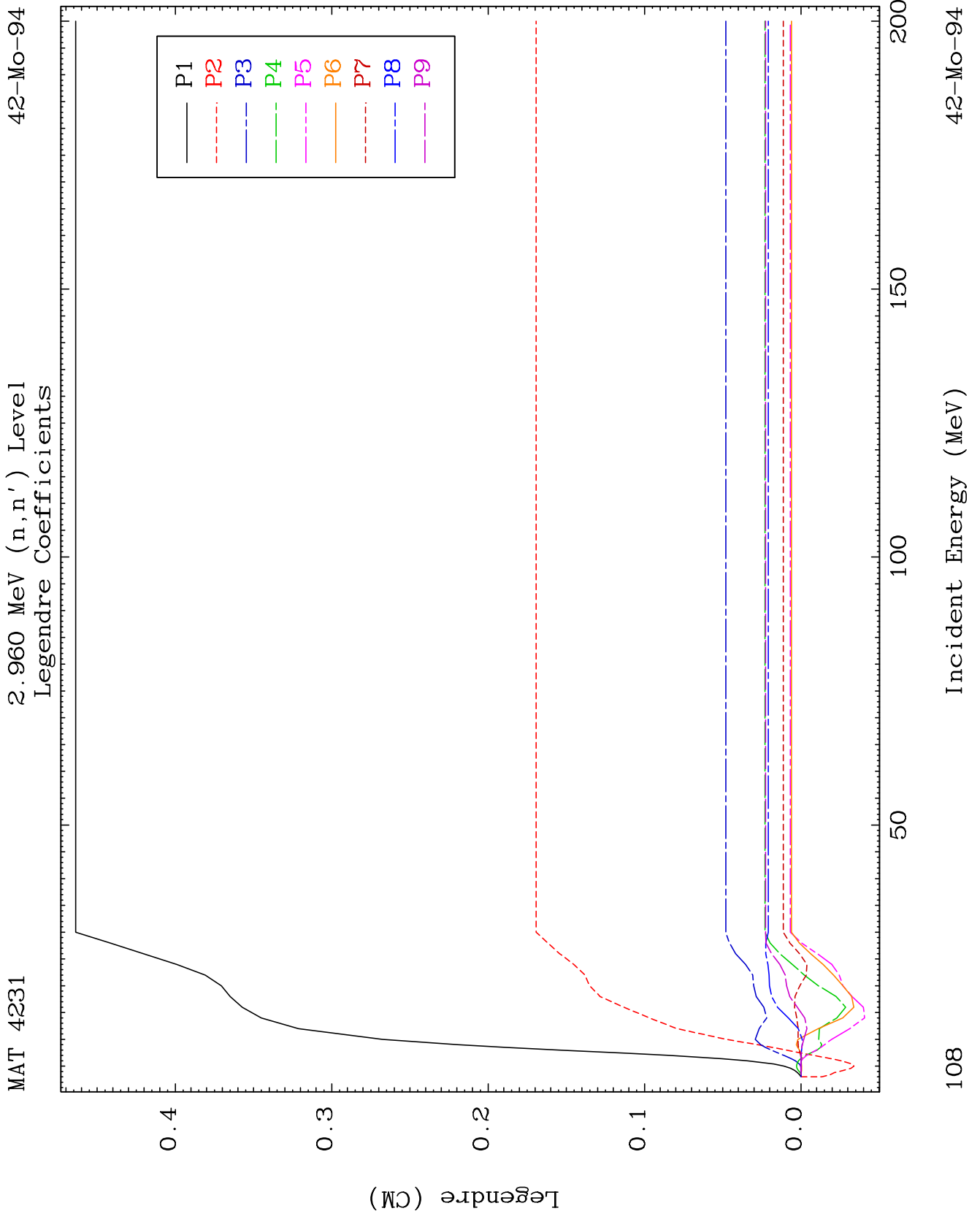
105

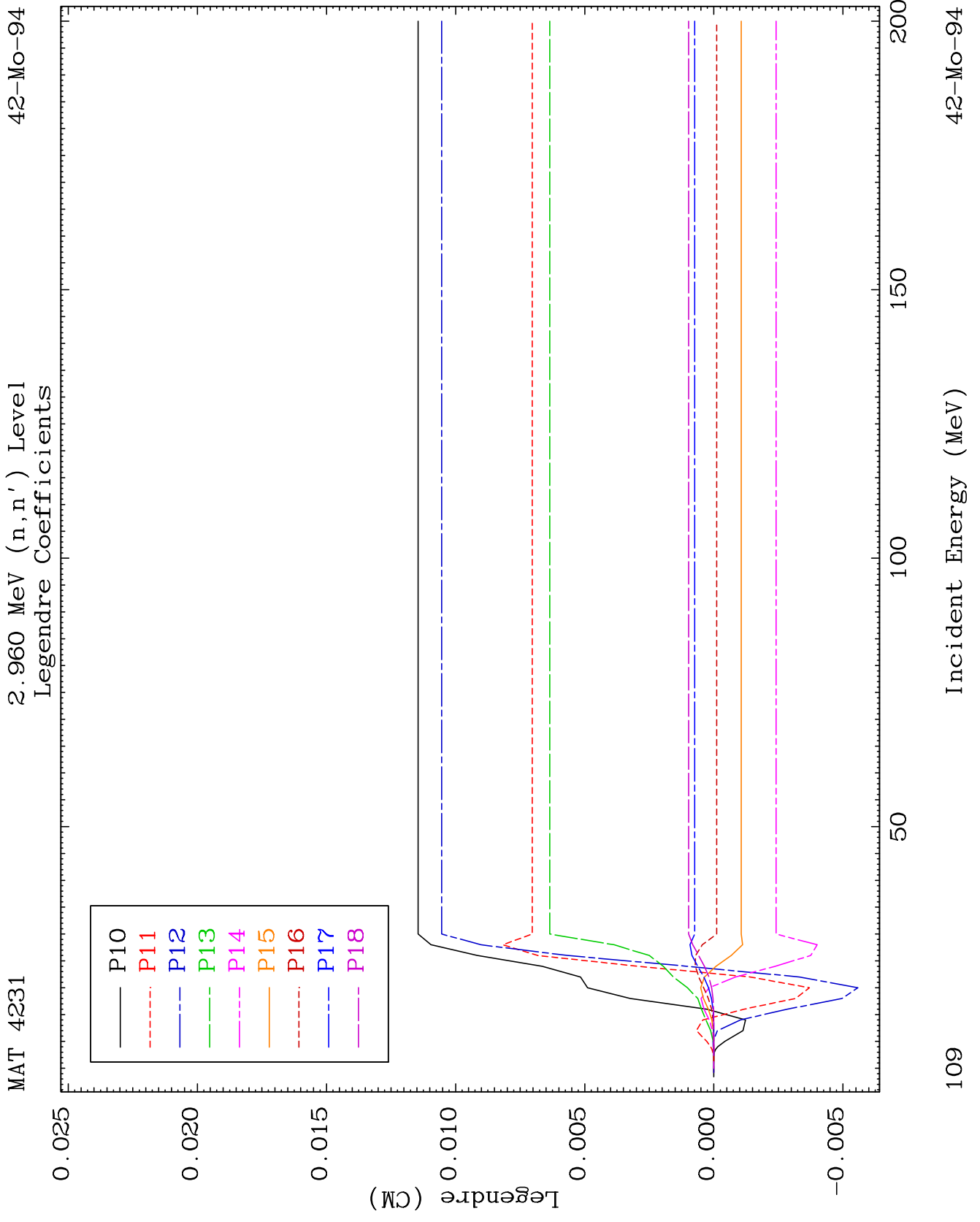
Incident Energy (MeV)

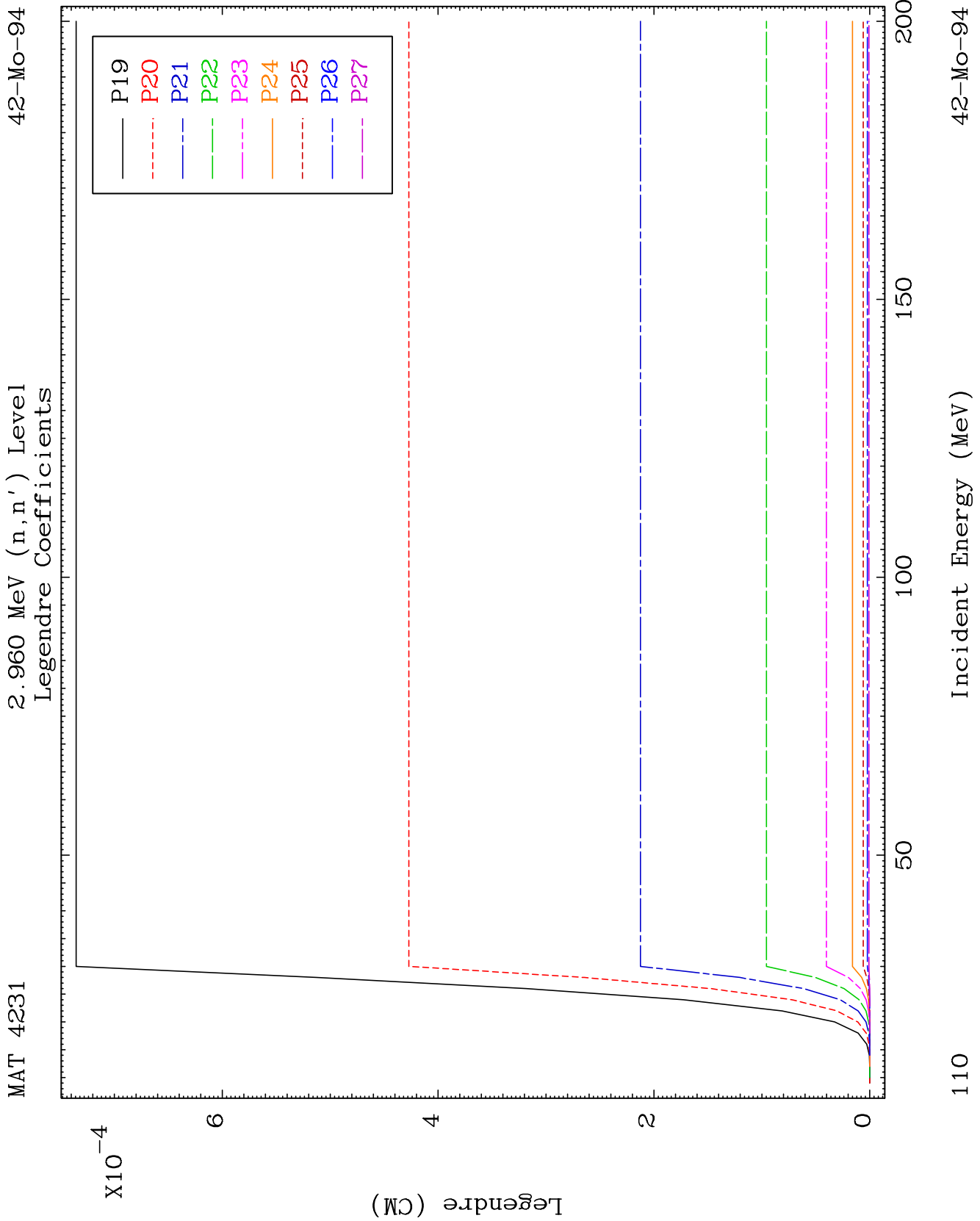
42-Mo-94

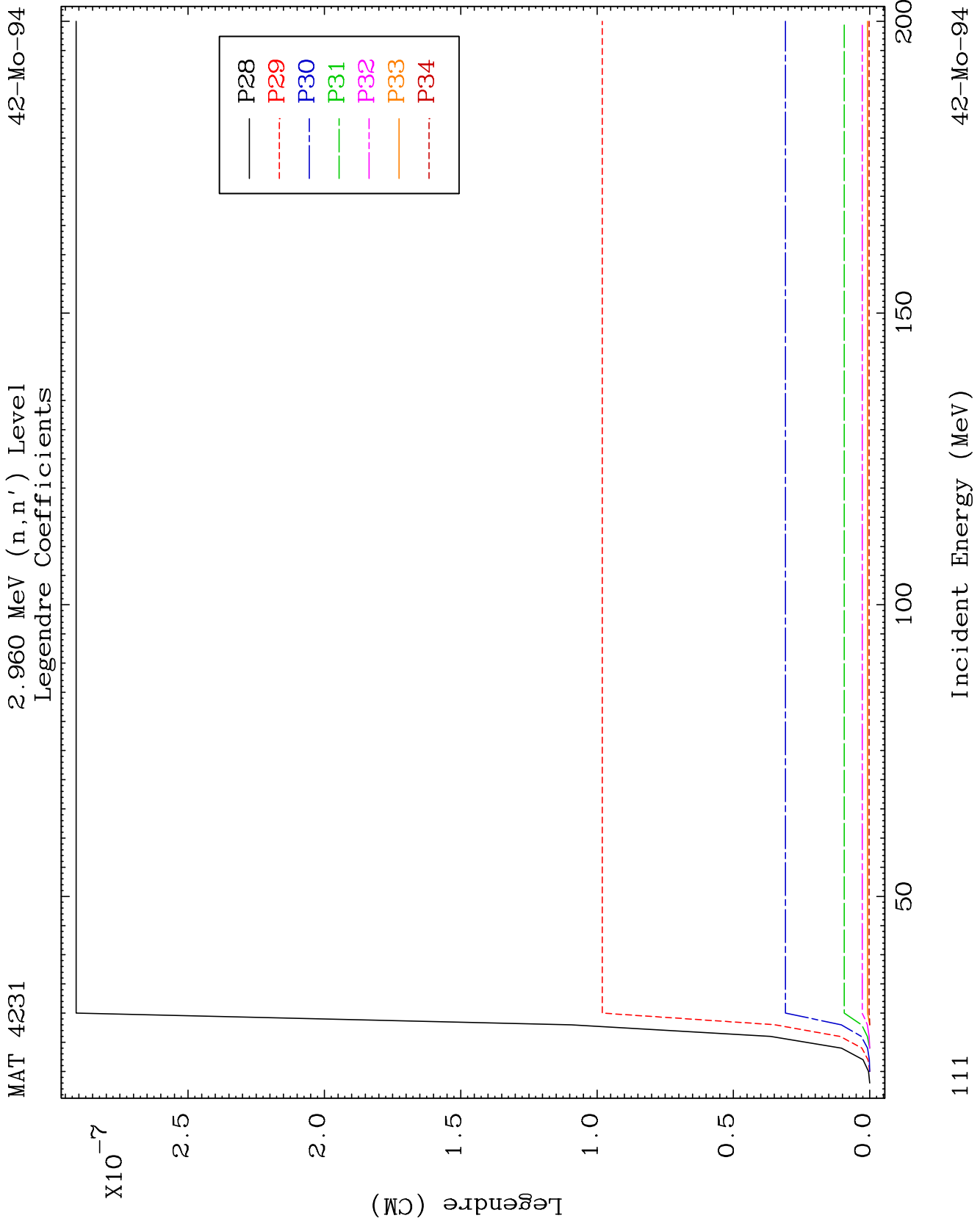


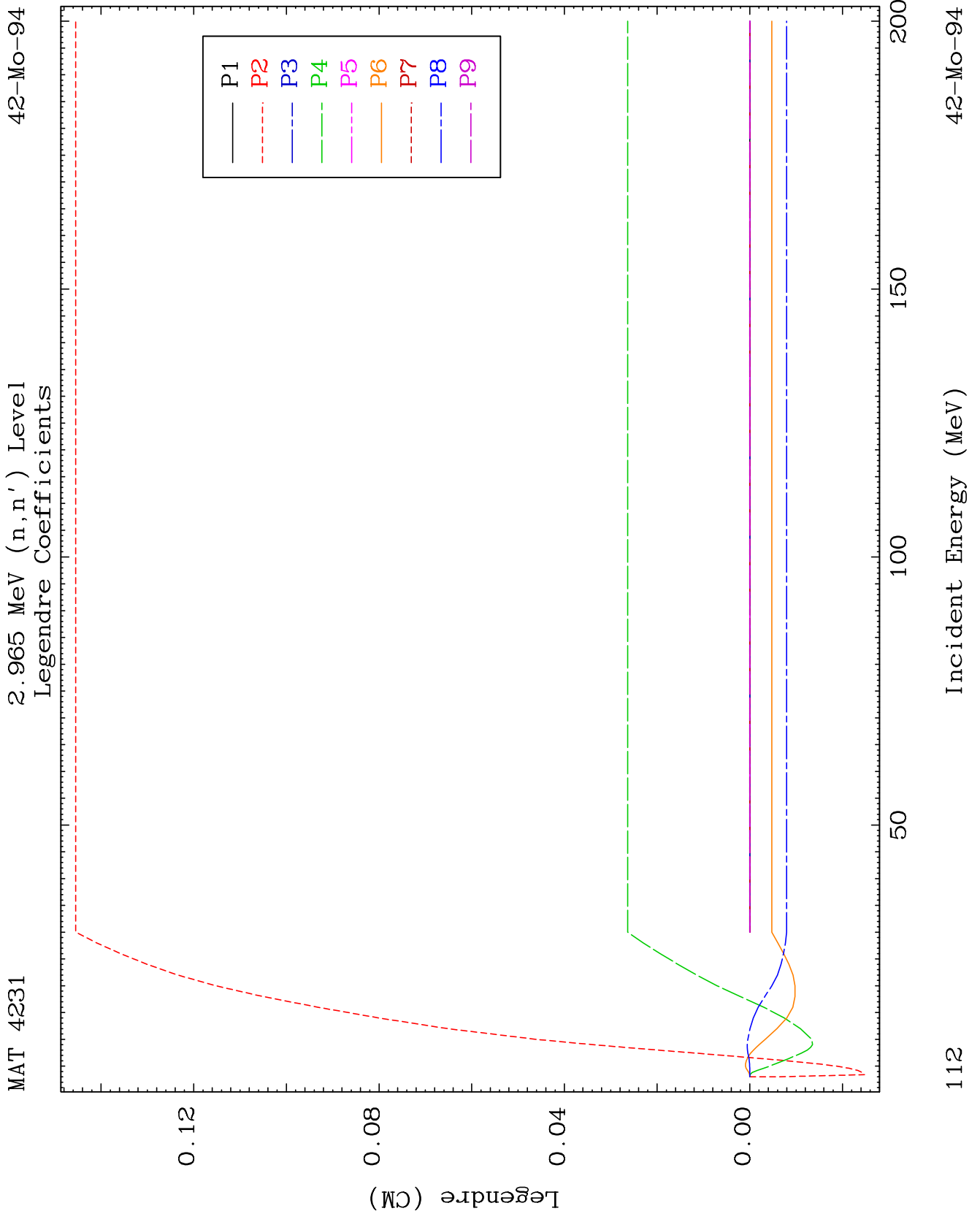


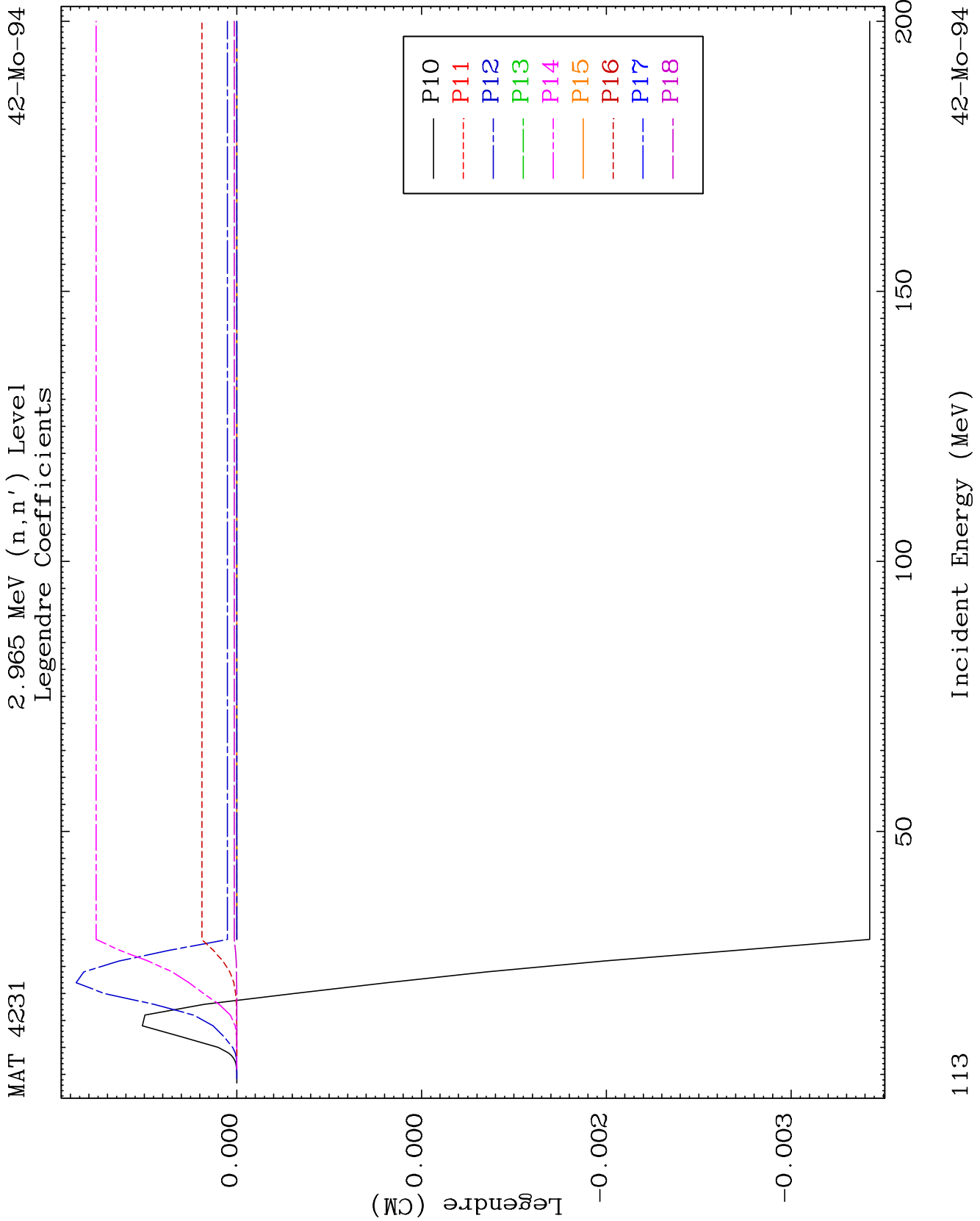


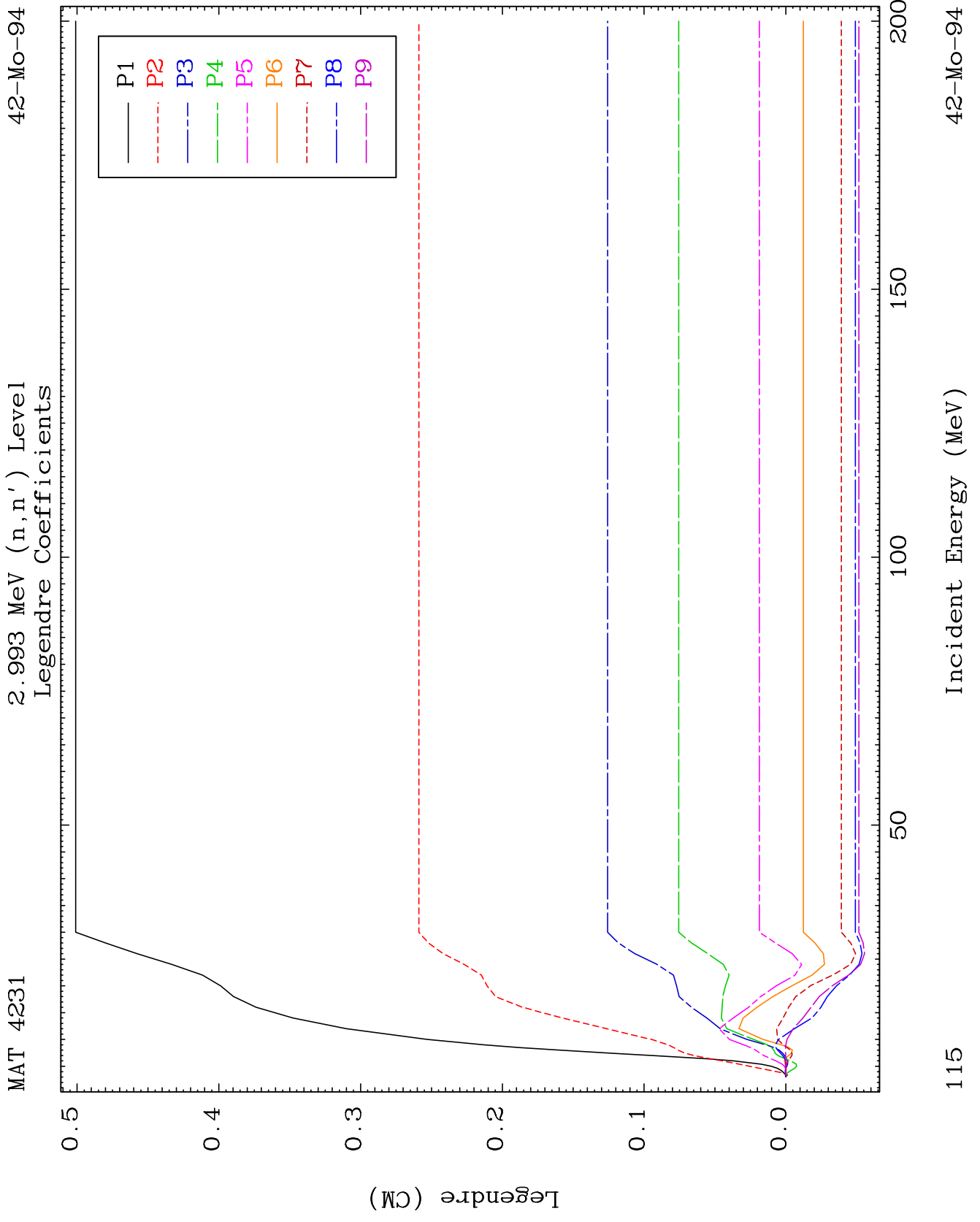








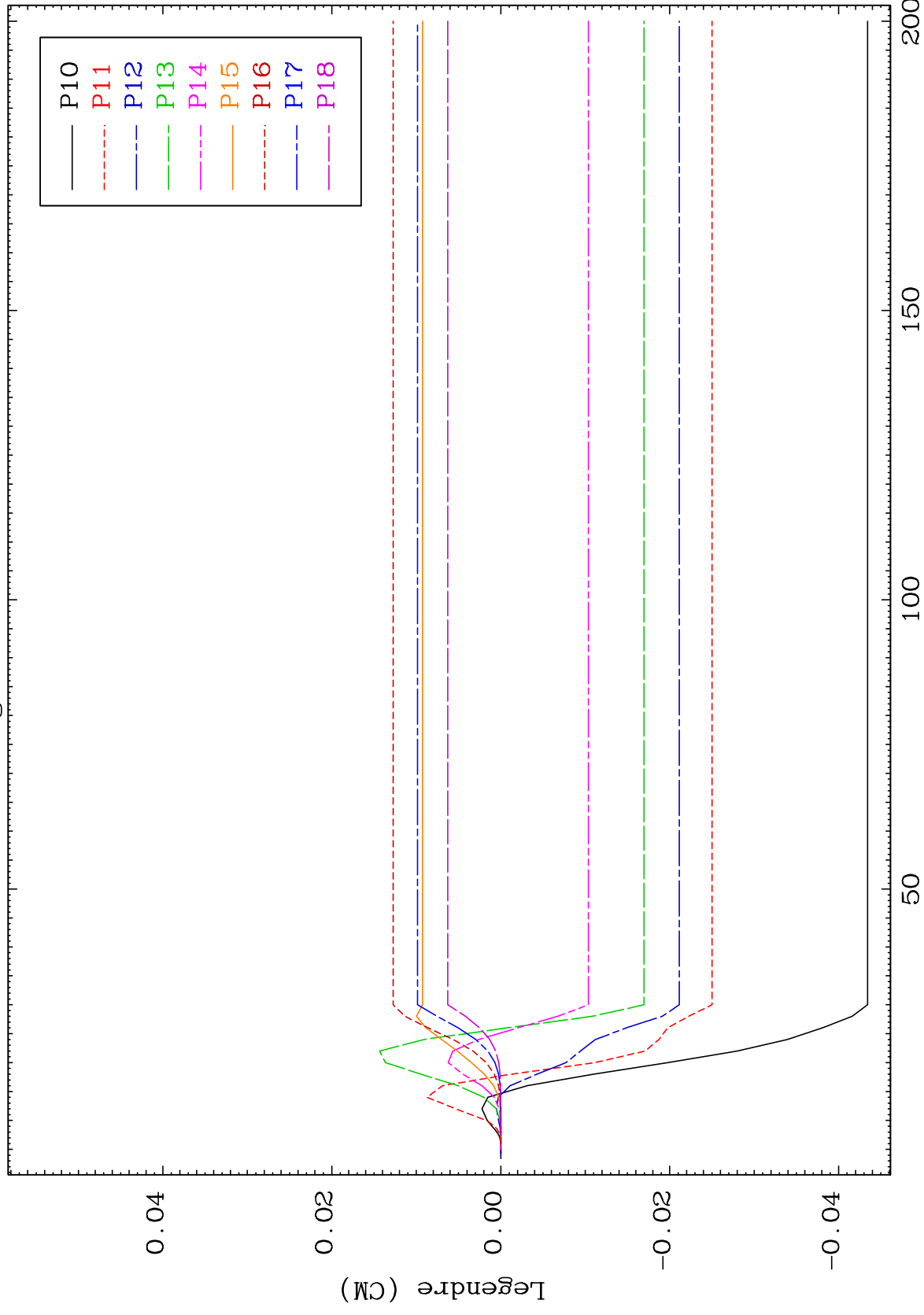




MAT 4231

2.993 MeV (n,n') Level
Legendre Coefficients

42-Mo-94



116

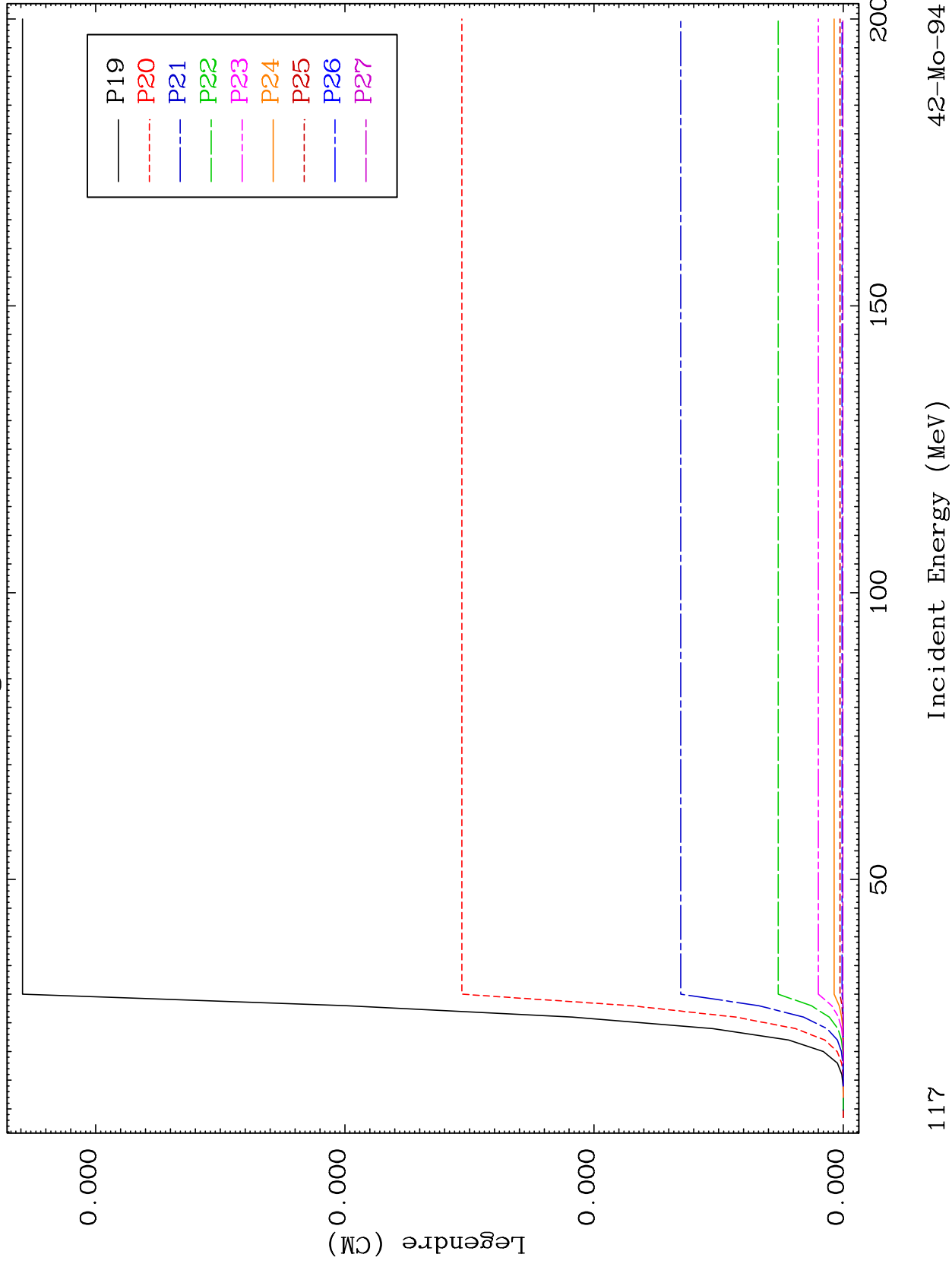
Incident Energy (MeV)

42-Mo-94

MAT 4231

2.993 MeV (n,n') Level
Legendre Coefficients

42-Mo-94



117

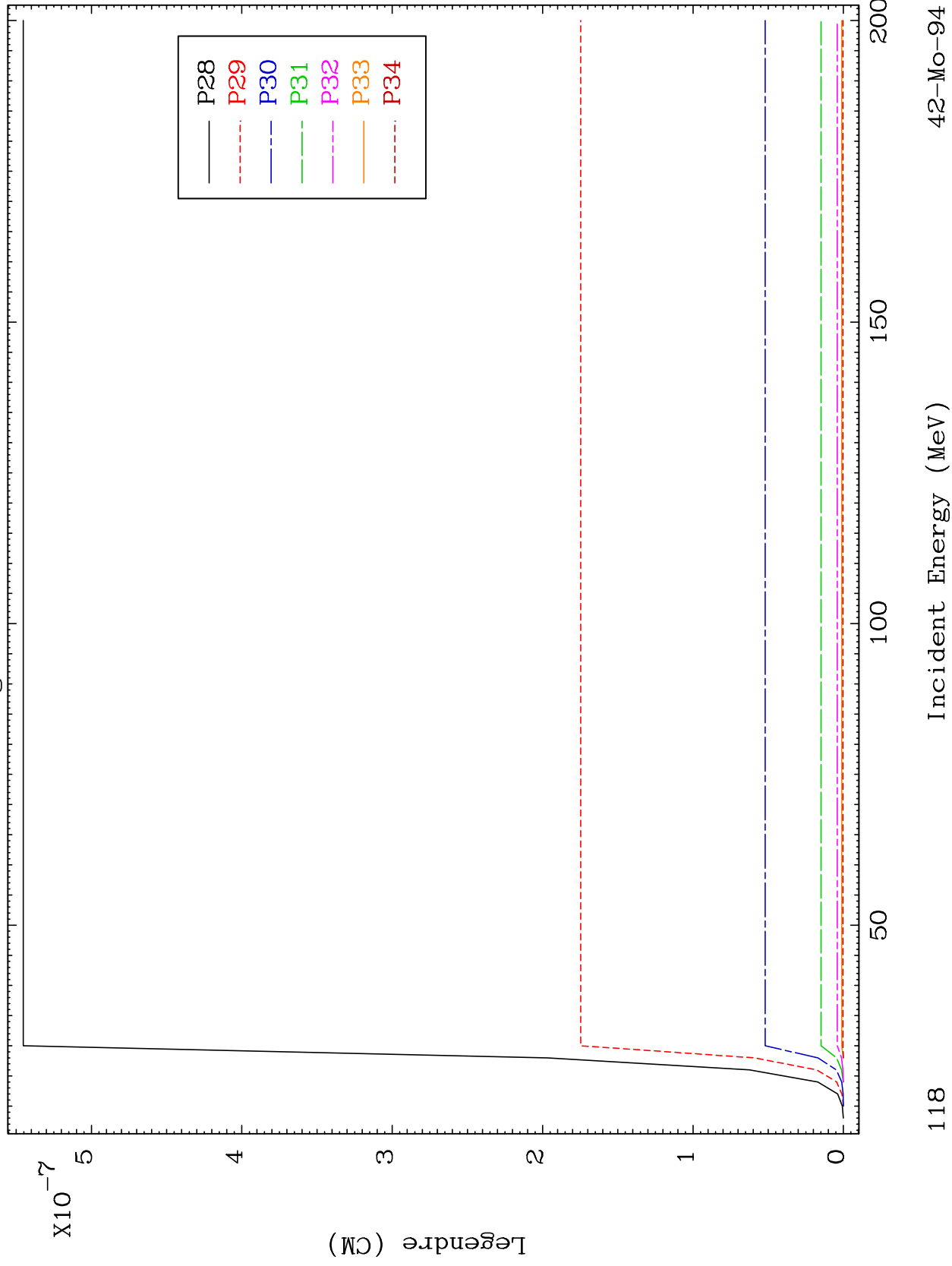
Incident Energy (MeV)

42-Mo-94

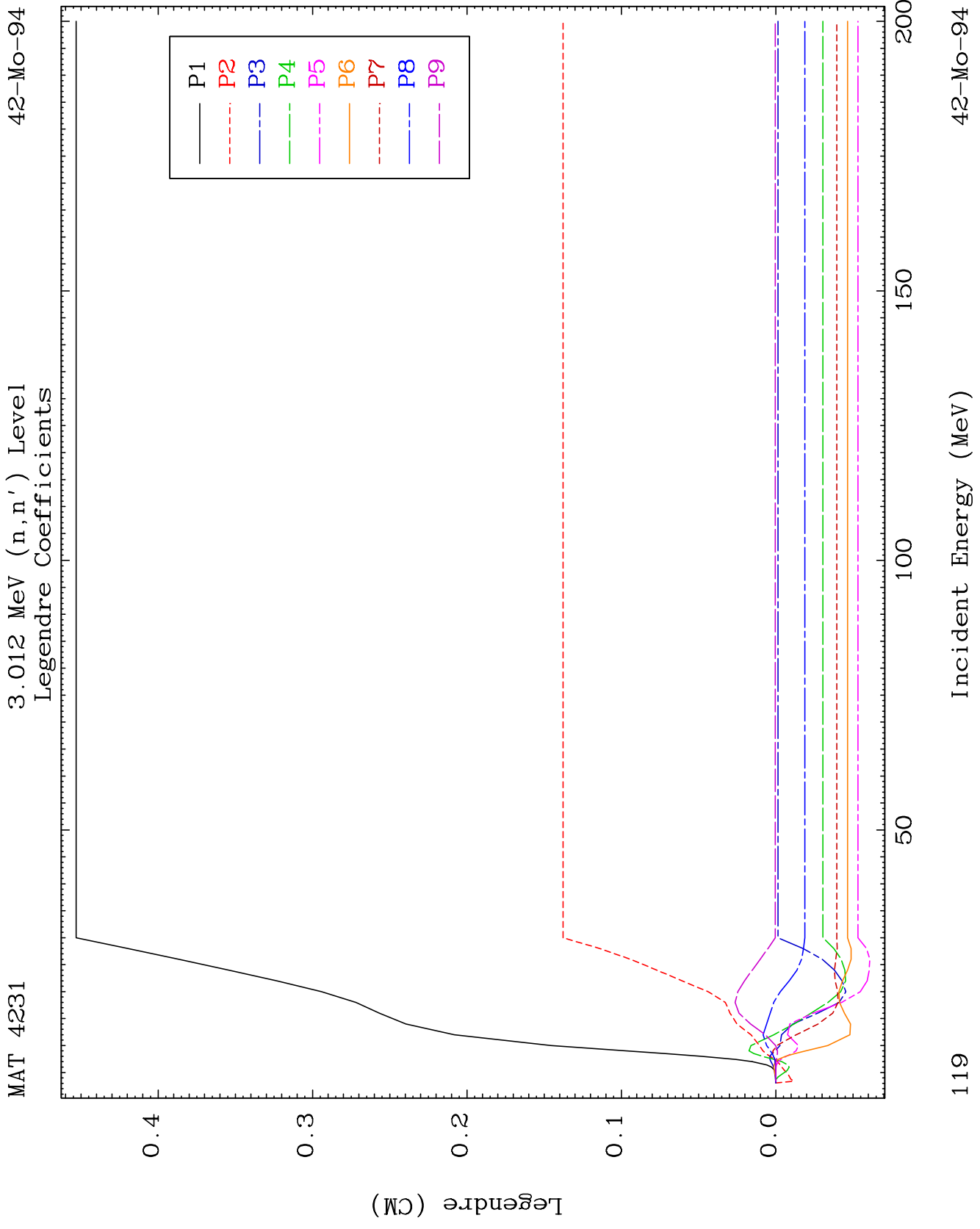
MAT 4231

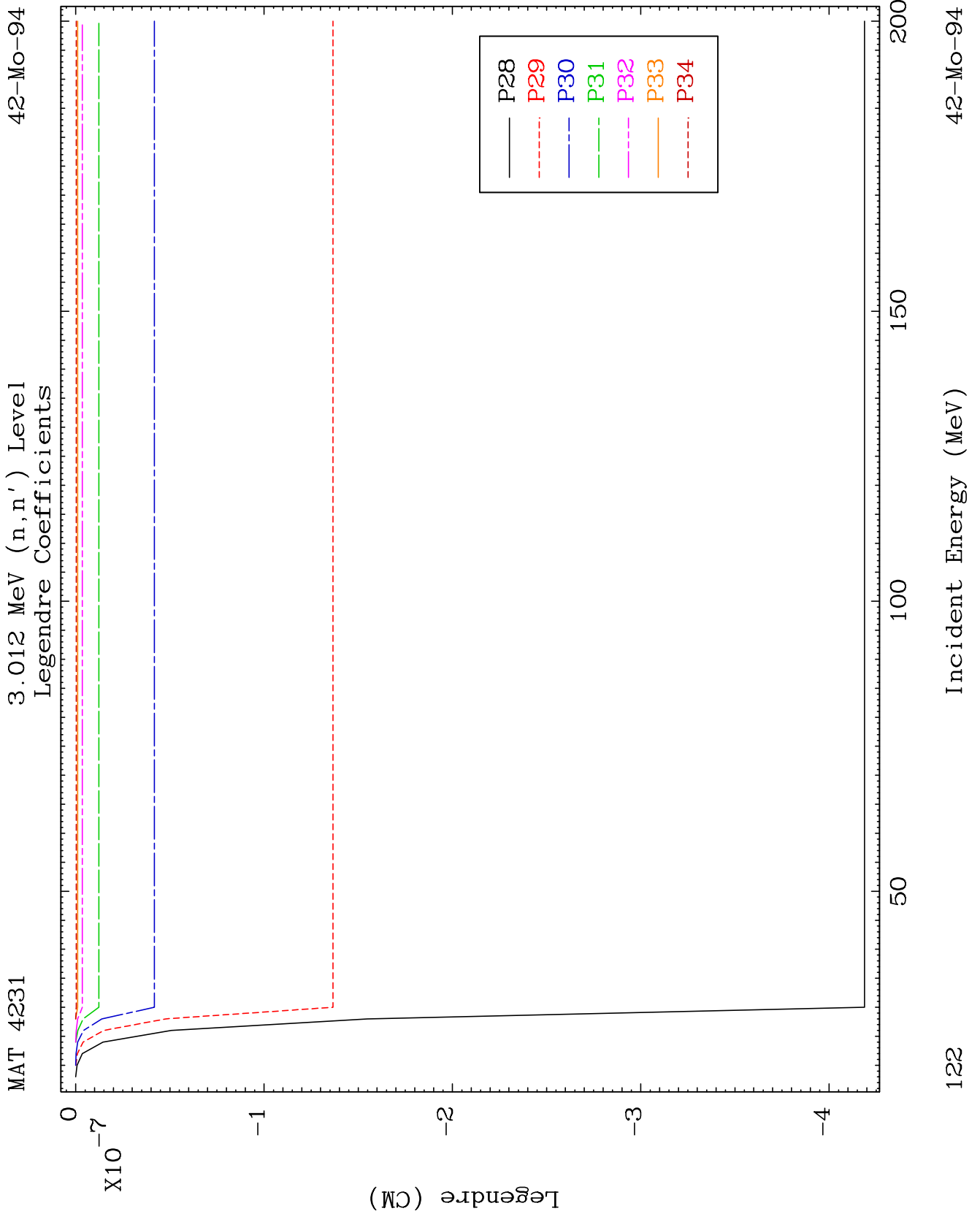
2.993 MeV (n,n') Level
Legendre Coefficients

42-Mo-94



118

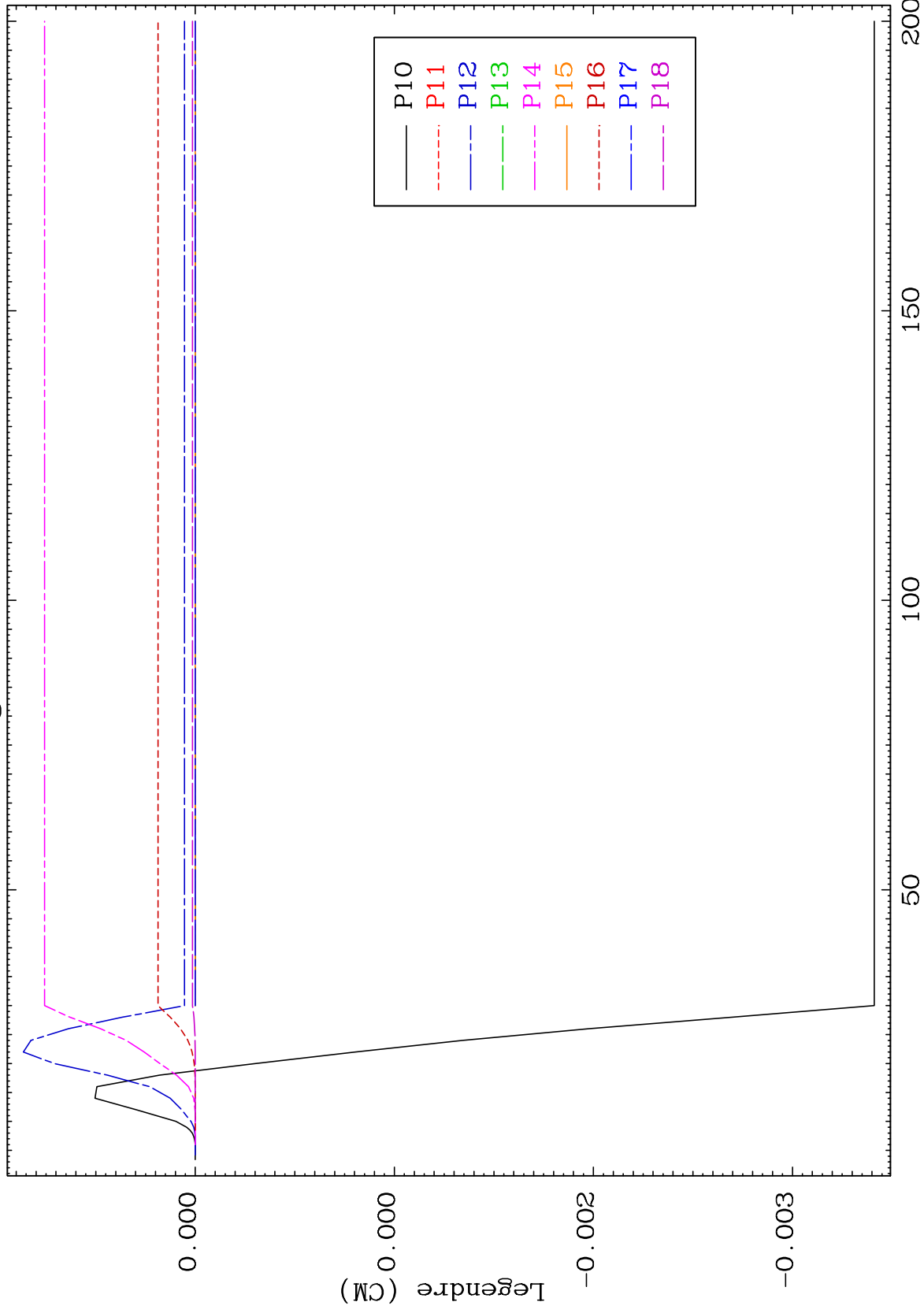




MAT 4231

3.027 MeV (n,n') Level
Legendre Coefficients

42-Mo-94



124

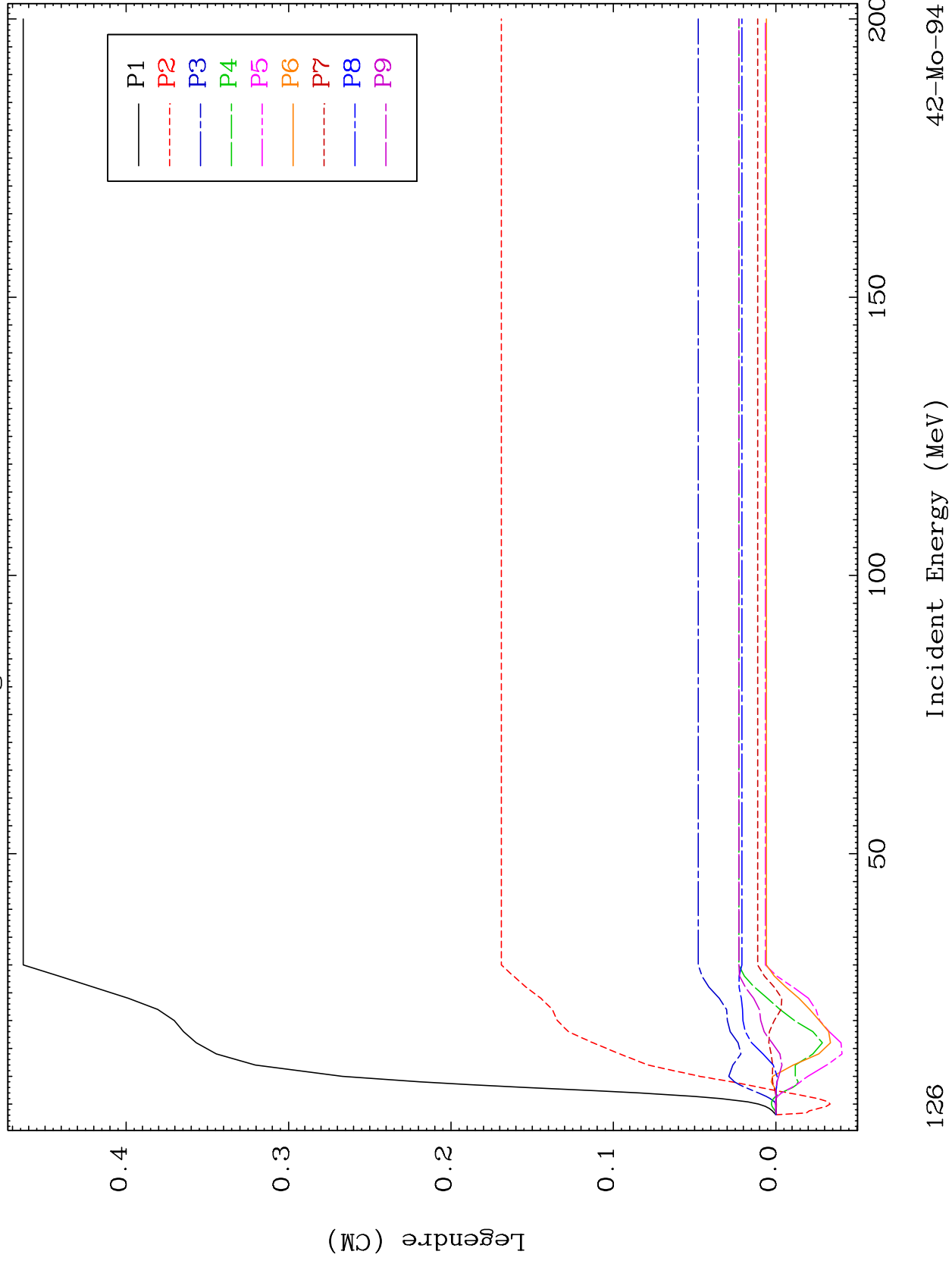
Incident Energy (MeV)

42-Mo-94

MAT 4231

3.032 MeV (n,n') Level
Legendre Coefficients

42-Mo-94



126

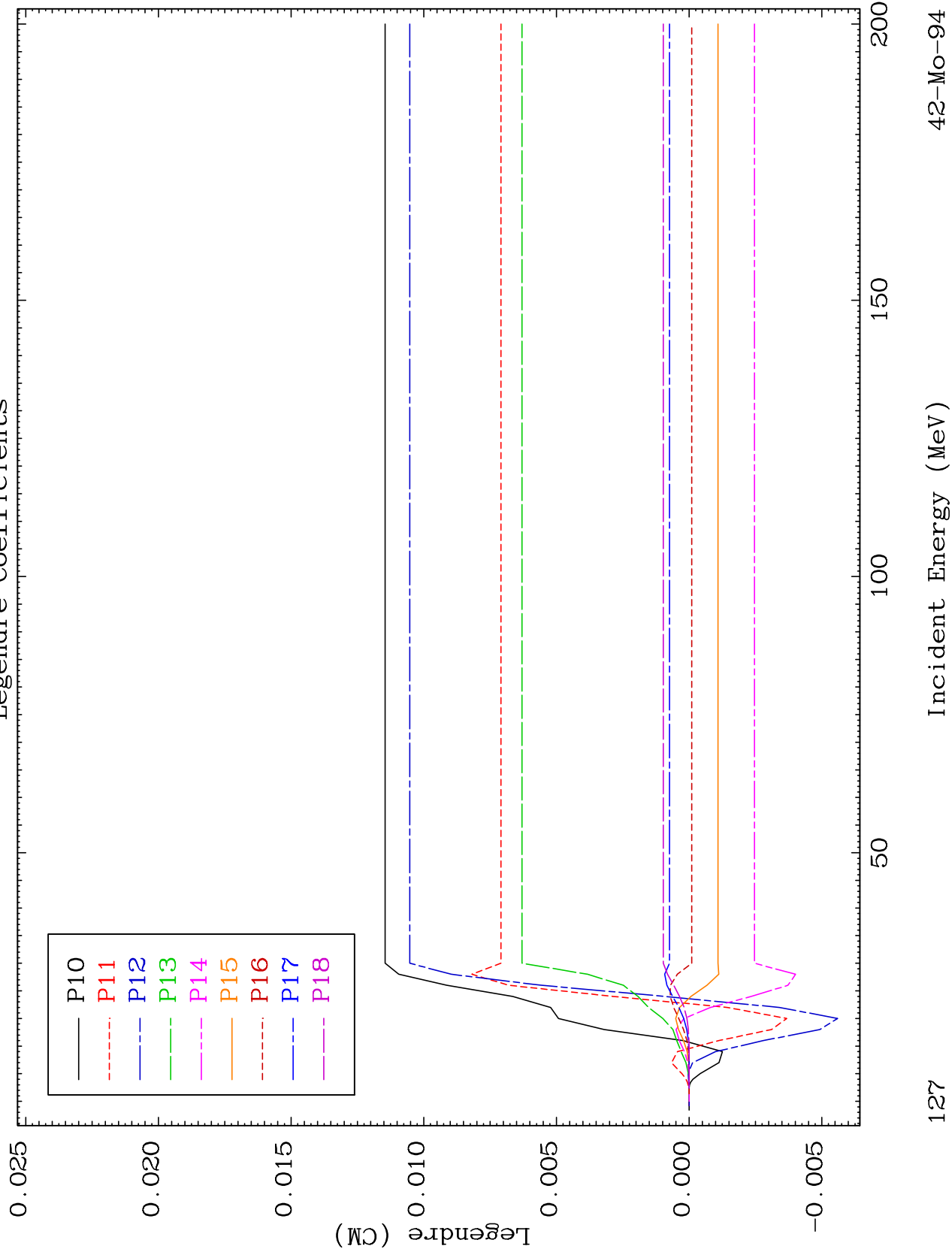
Incident Energy (MeV)

42-Mo-94

MAT 4231

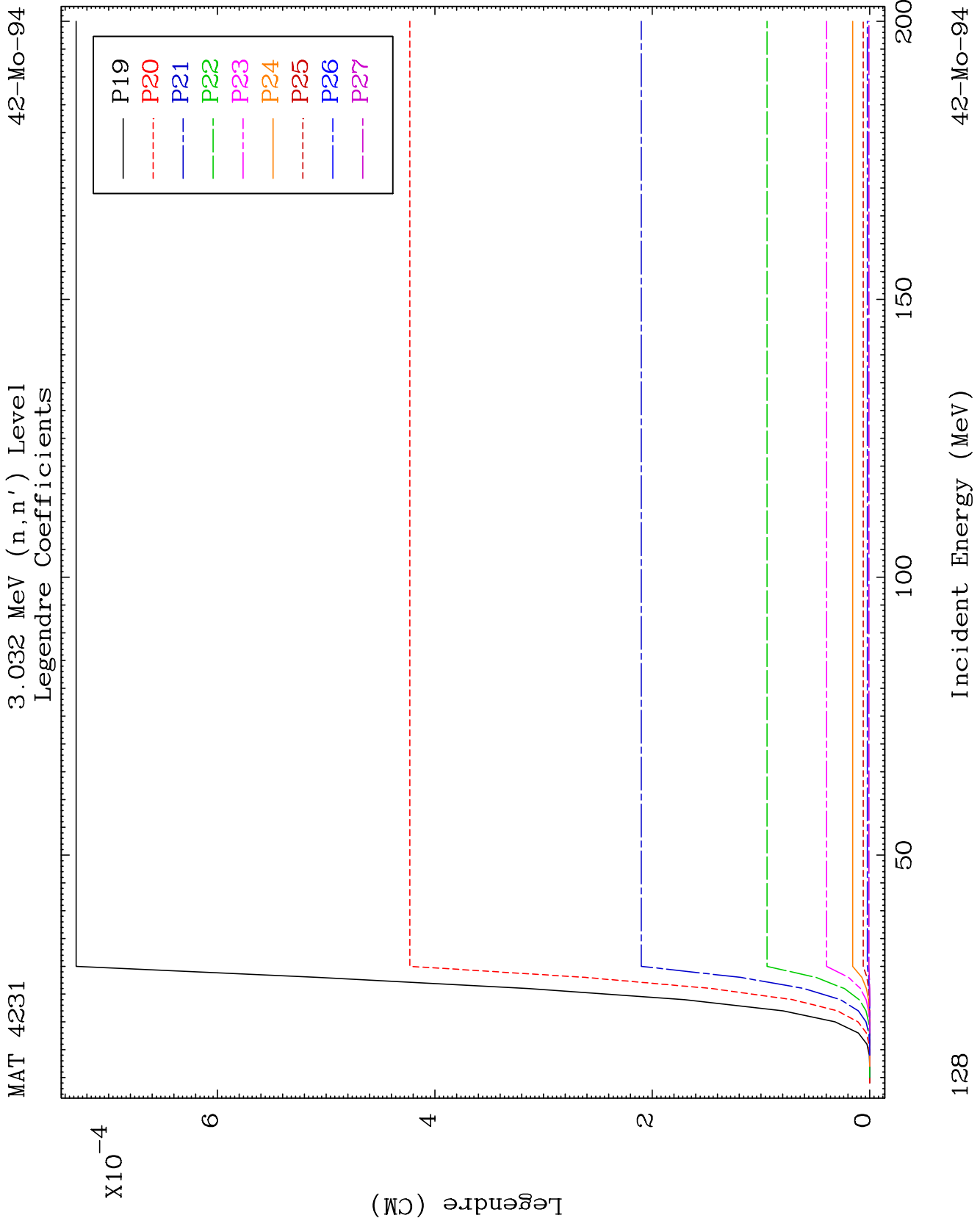
3.032 MeV (n,n') Level
Legendre Coefficients

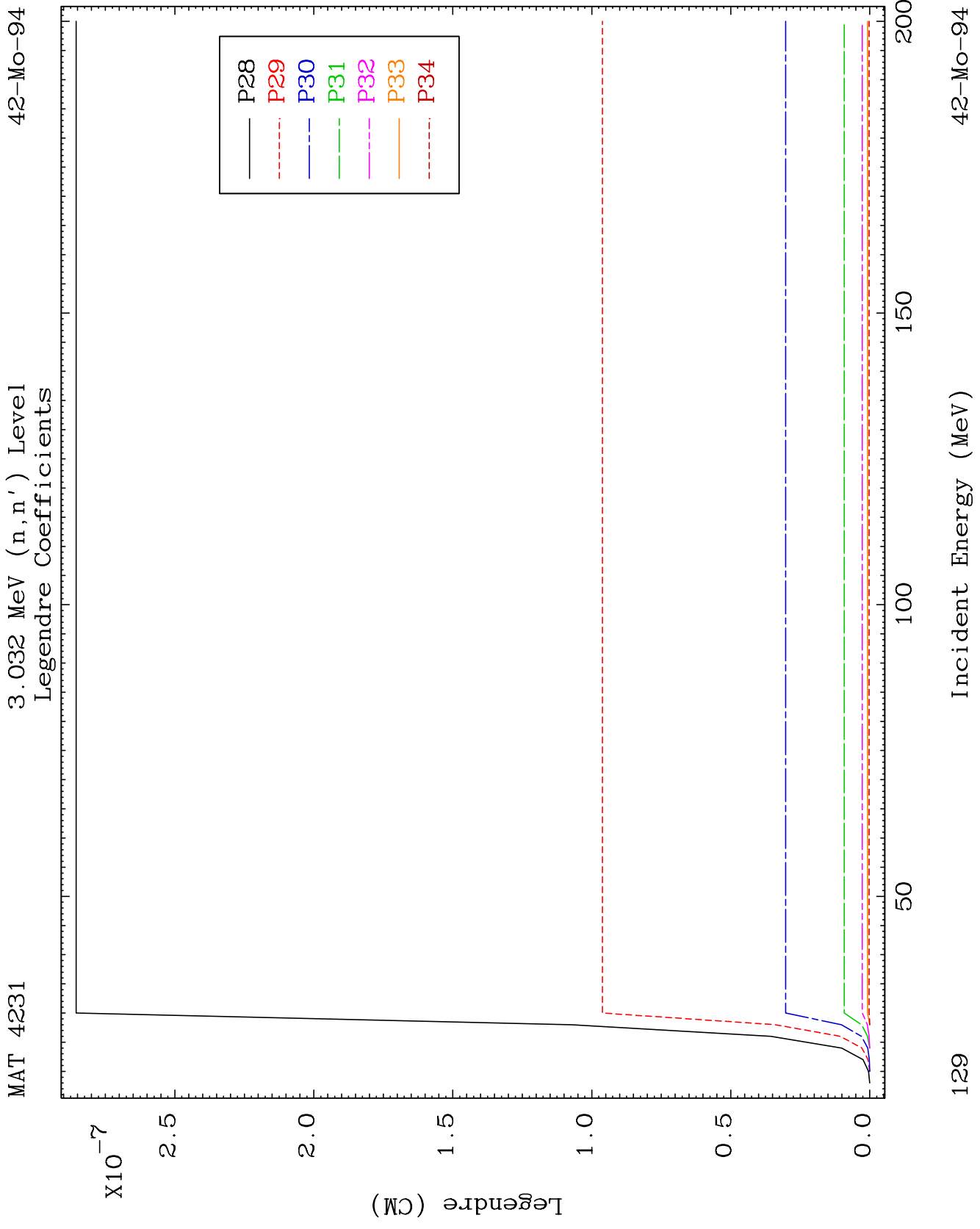
42-Mo-94



127

42-Mo-94



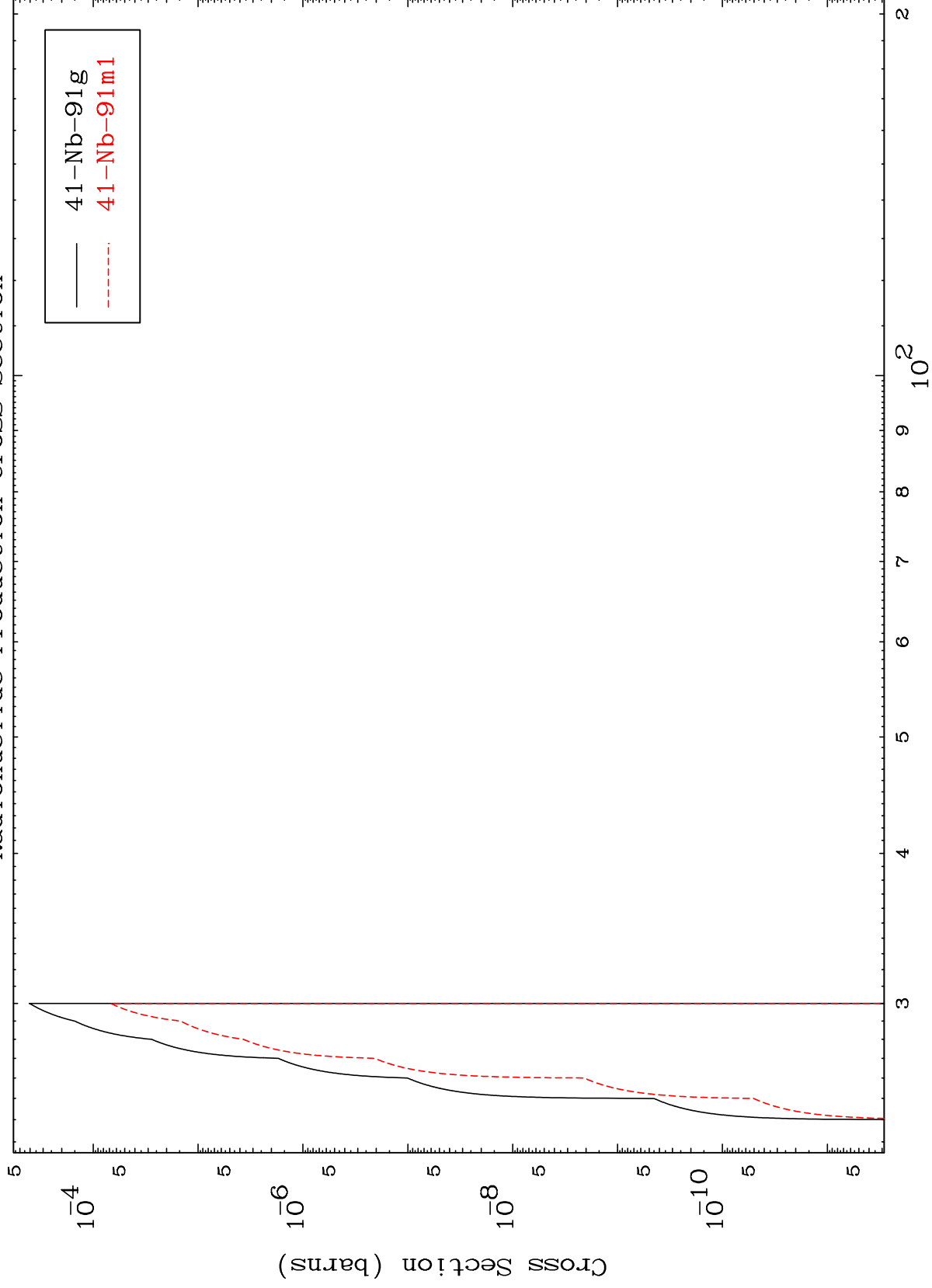


MAT 4231

(n,2n) d

42-Mo-94

Radionuclide Production Cross Section



130

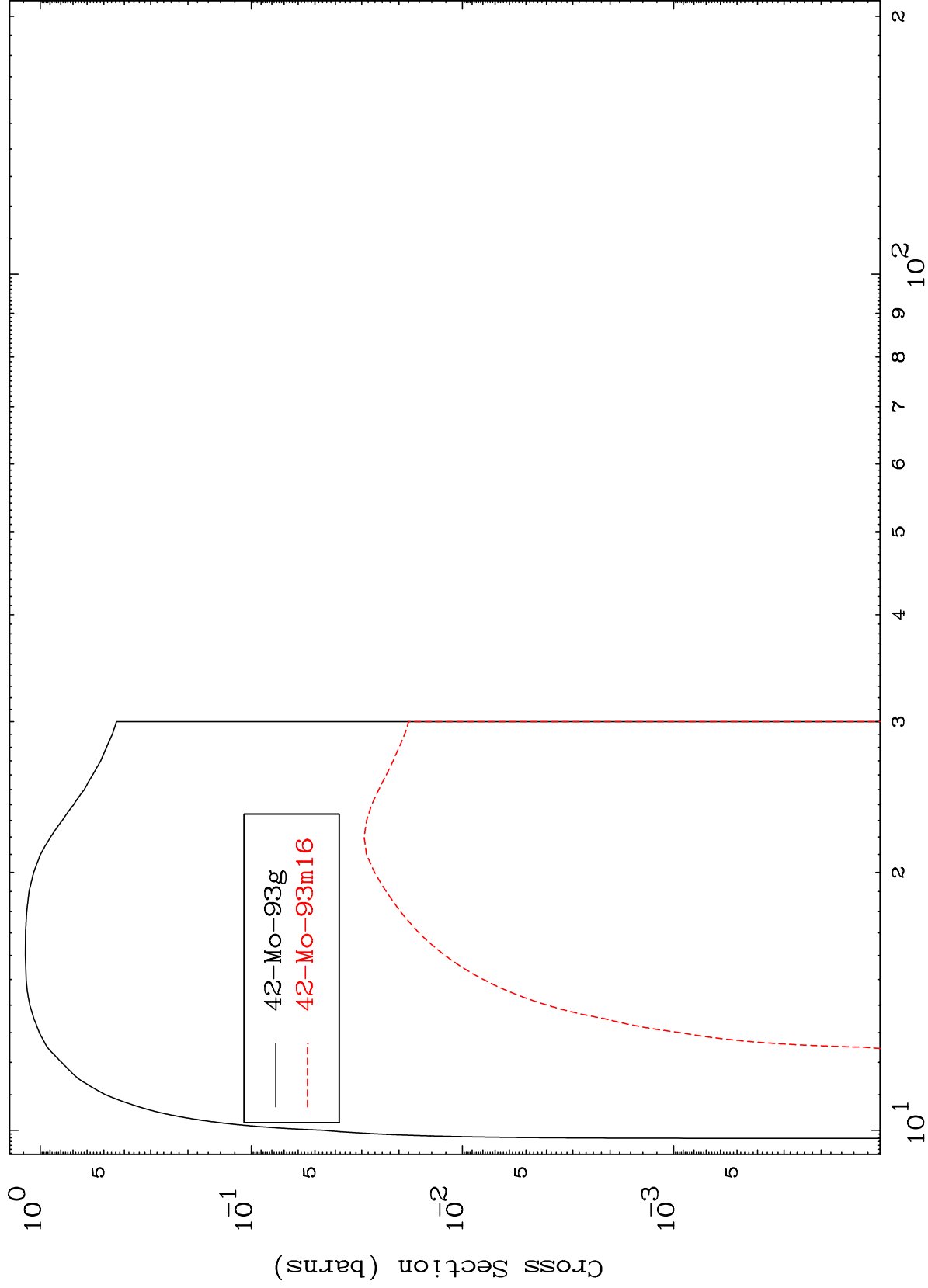
Incident Energy (MeV)

42-Mo-94

MAT 4231

42-Mo-94

(n,2n)
Radionuclide Production Cross Section



42-Mo-94

Incident Energy (MeV)

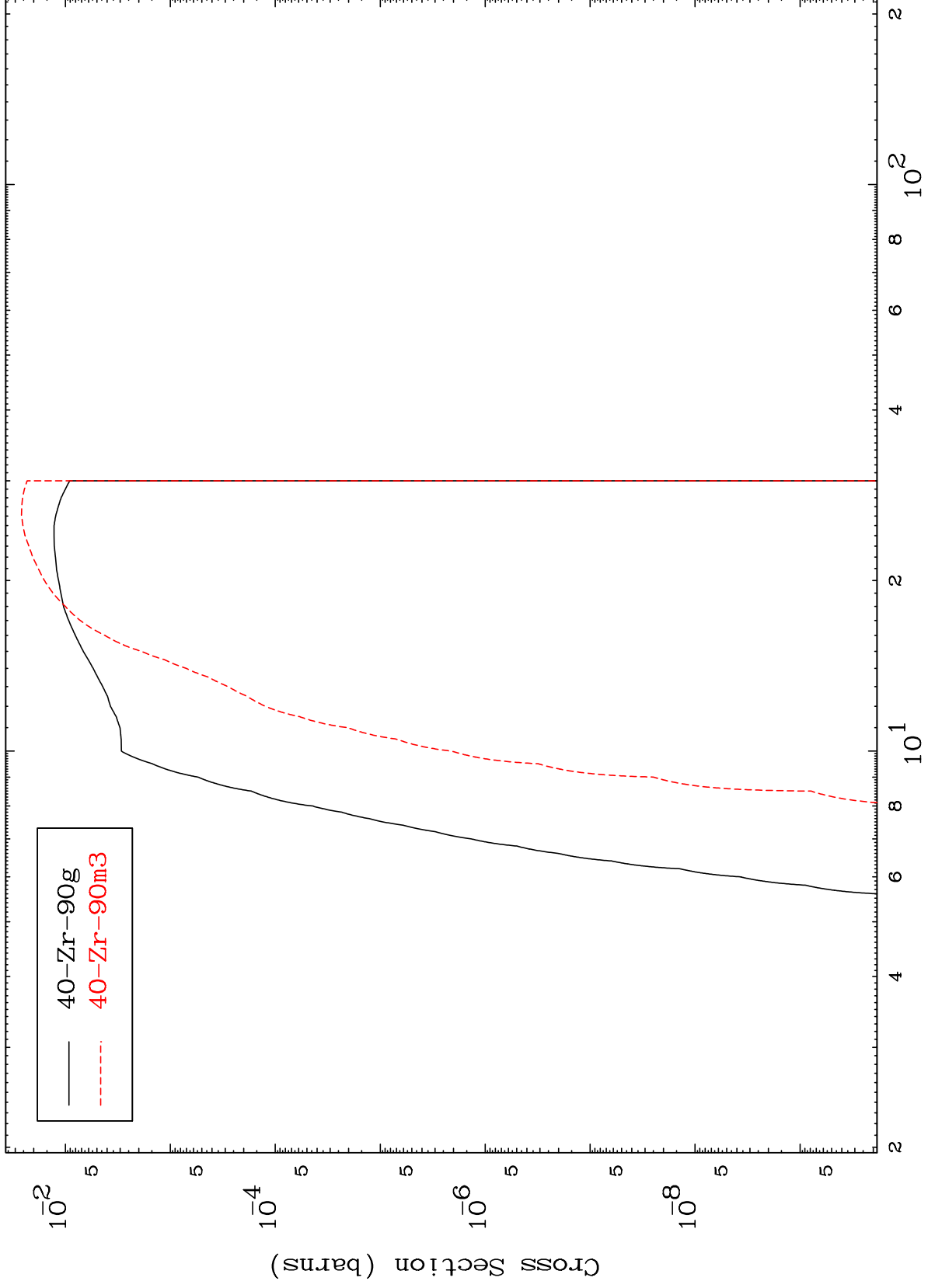
131

MAT 4231

(n,n') α

42-Mo-94

Radionuclide Production Cross Section



132

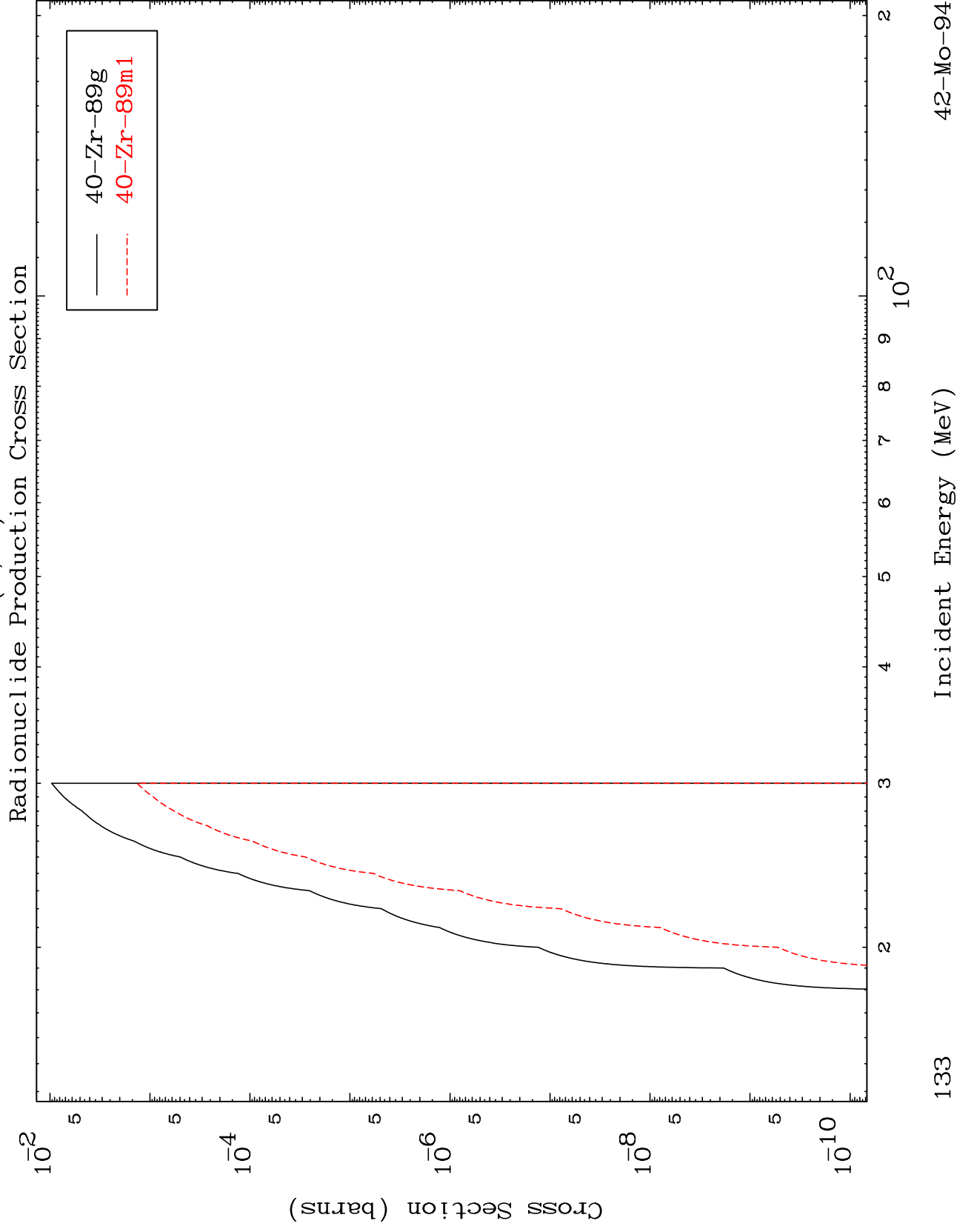
Incident Energy (MeV)

42-Mo-94

MAT 4231

(n,2n) α

42-Mo-94



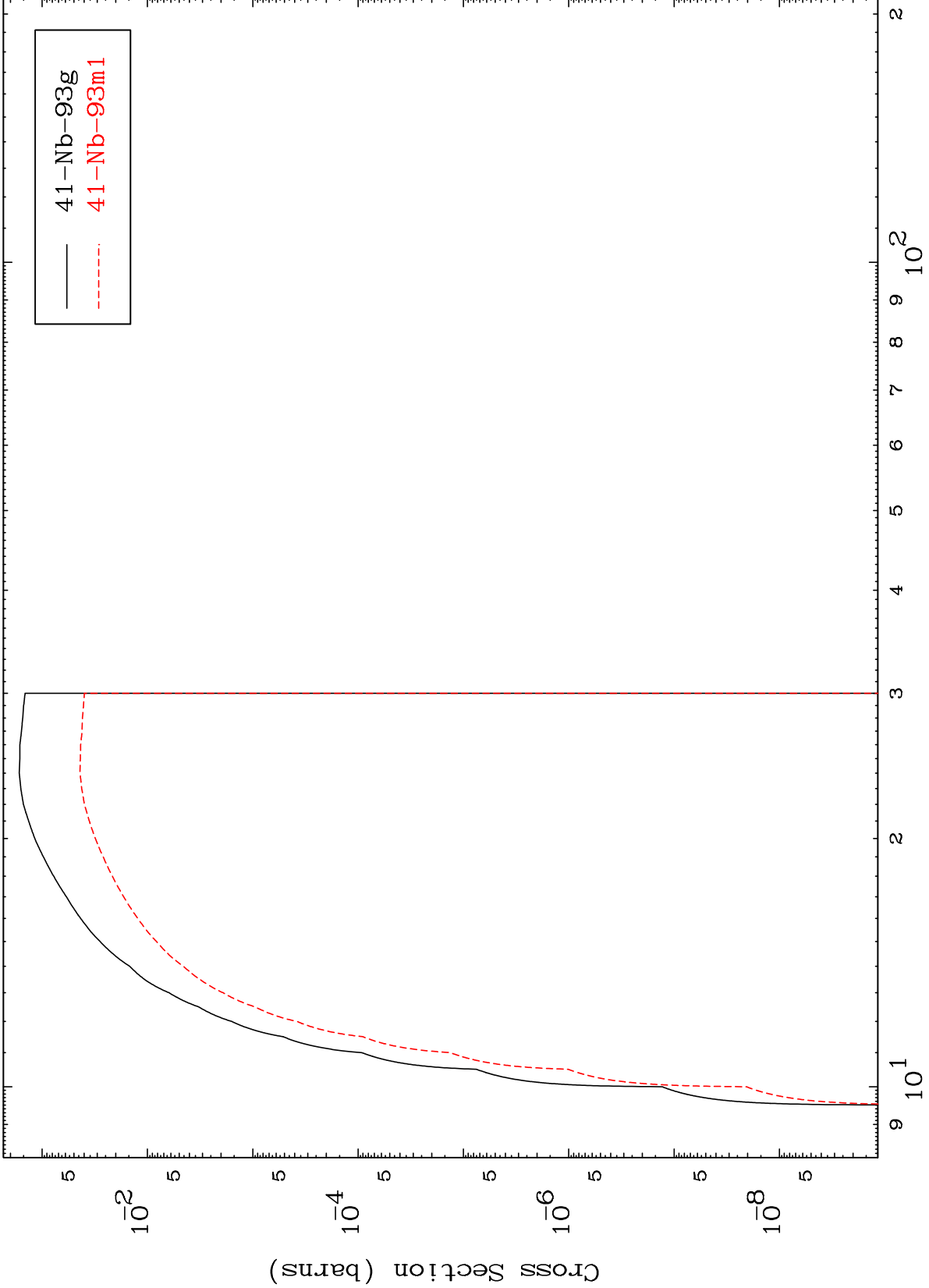
133

MAT 4231

(n,n') p

42-Mo-94

Radionuclide Production Cross Section



41-Nb-93g
41-Nb-93m1

134

Incident Energy (MeV)

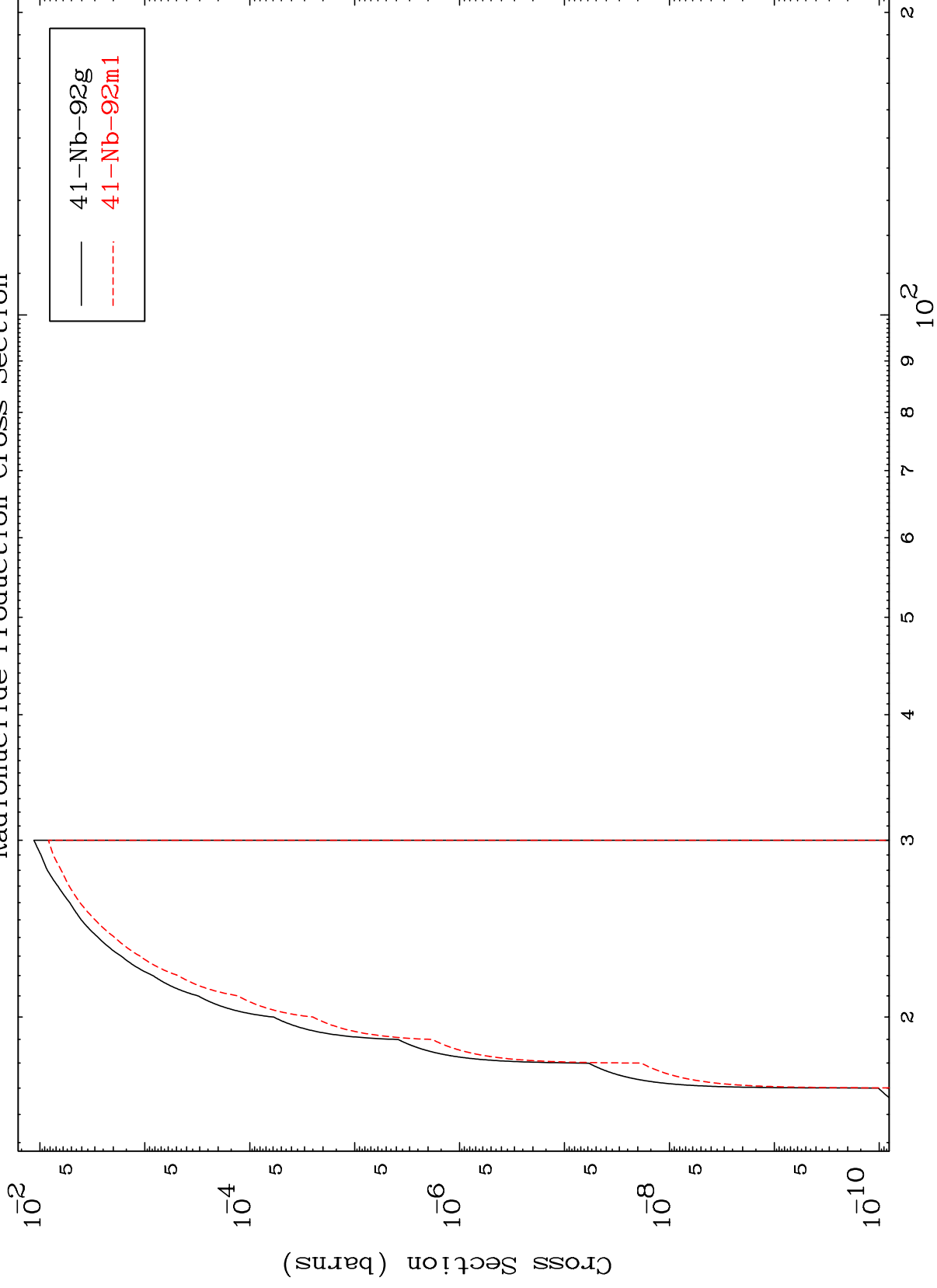
42-Mo-94

MAT 4231

(n,n') d

42-Mo-94

Radionuclide Production Cross Section

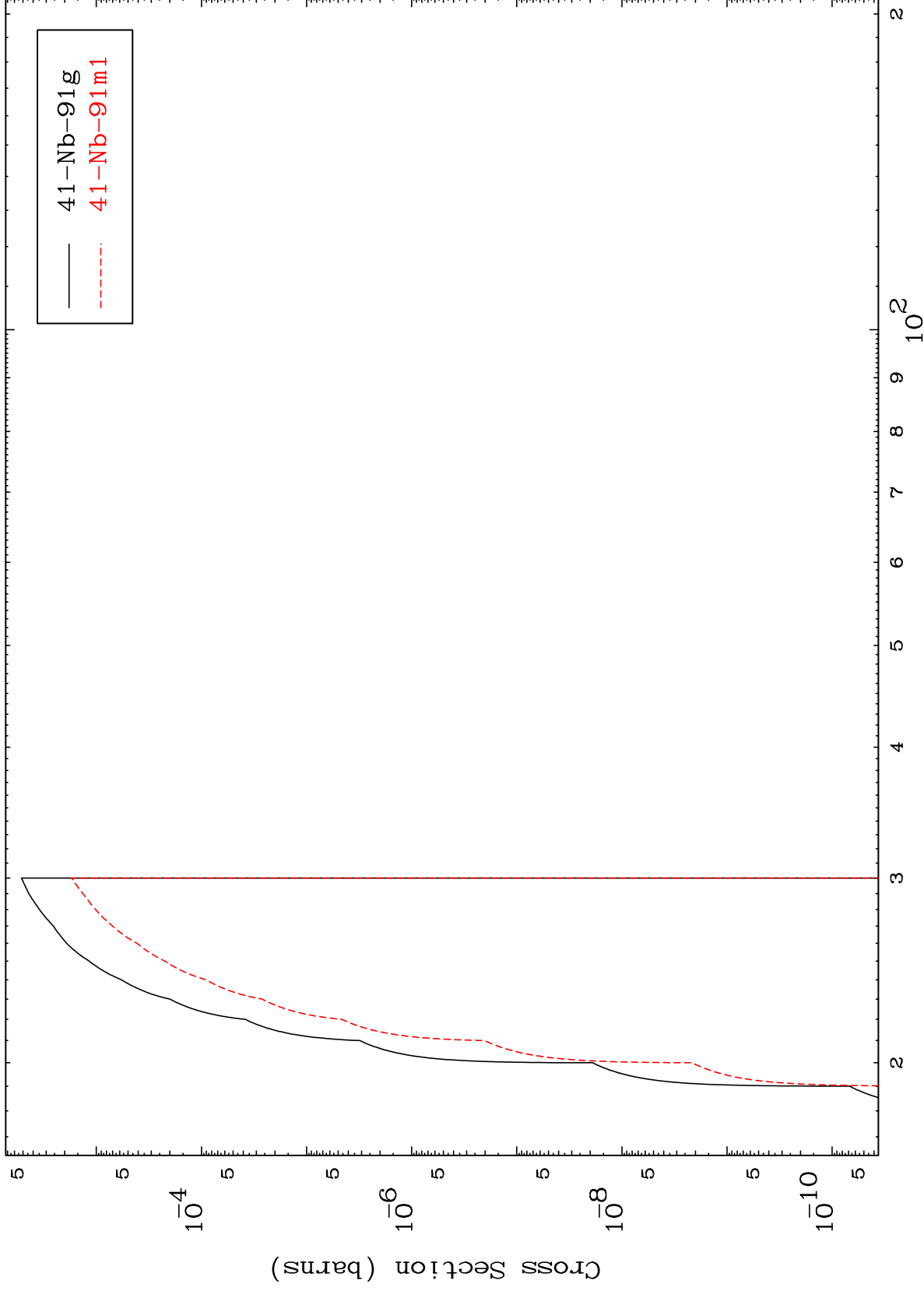


135

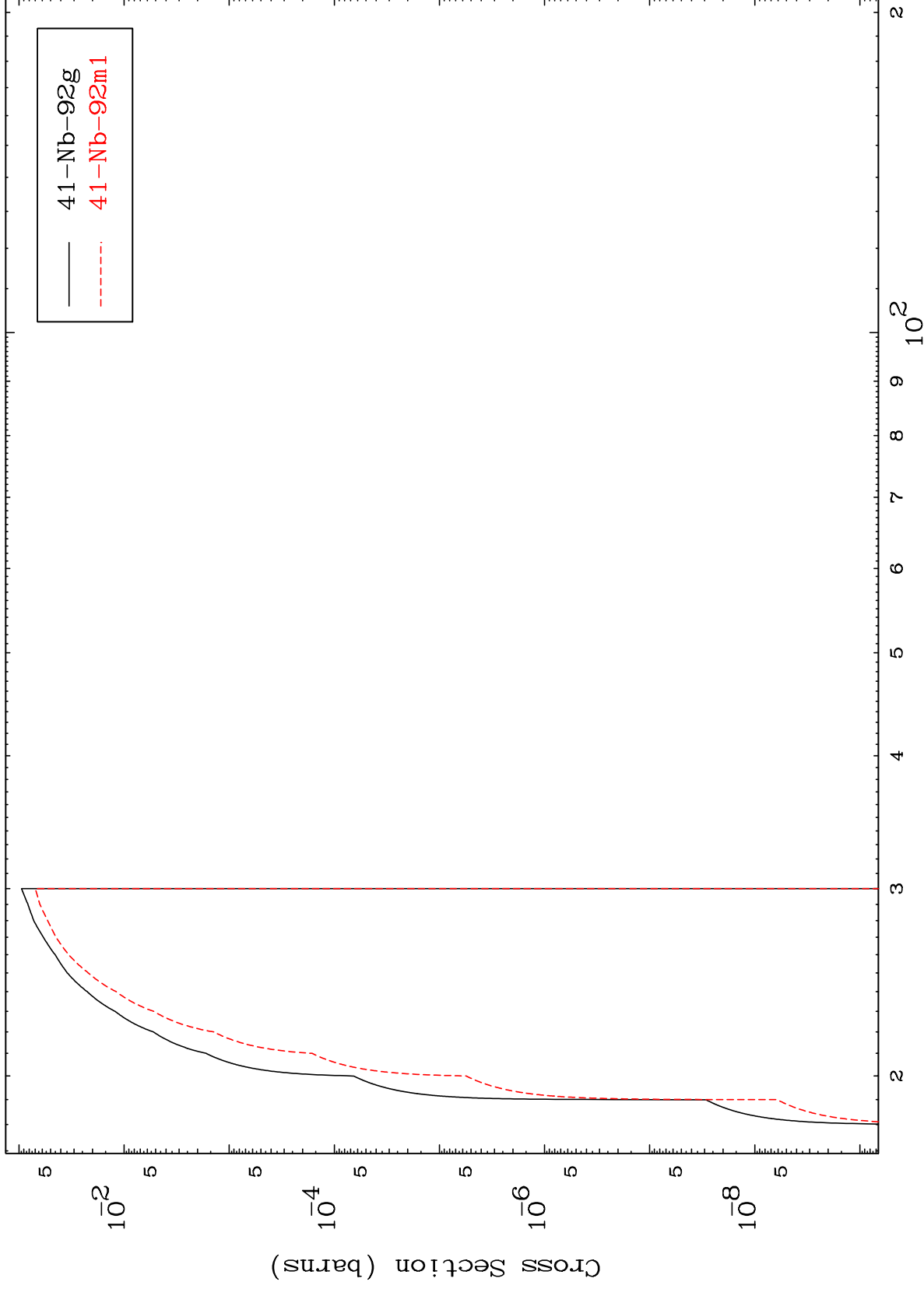
Incident Energy (MeV)

42-Mo-94

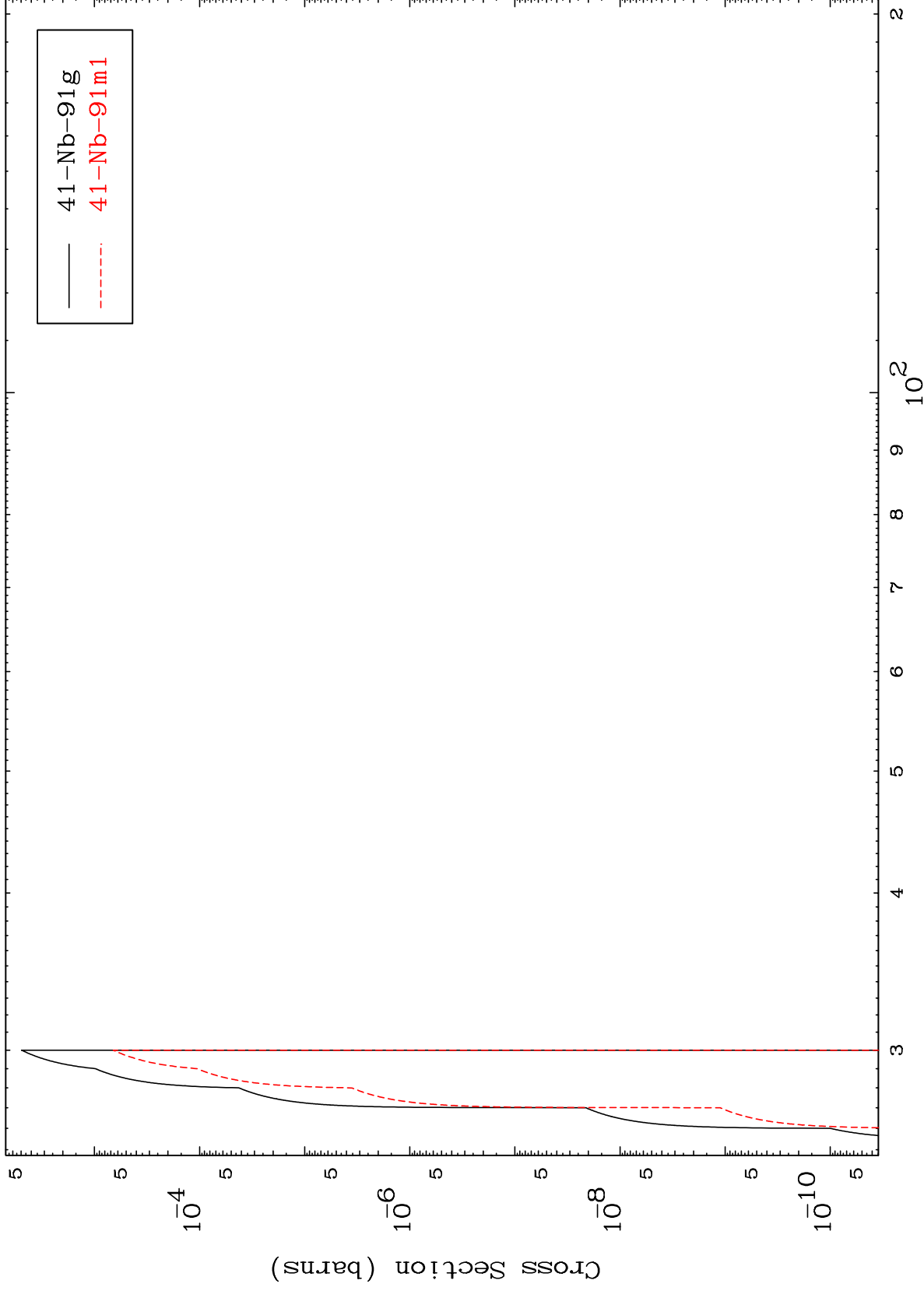
Radionuclide Production Cross Section



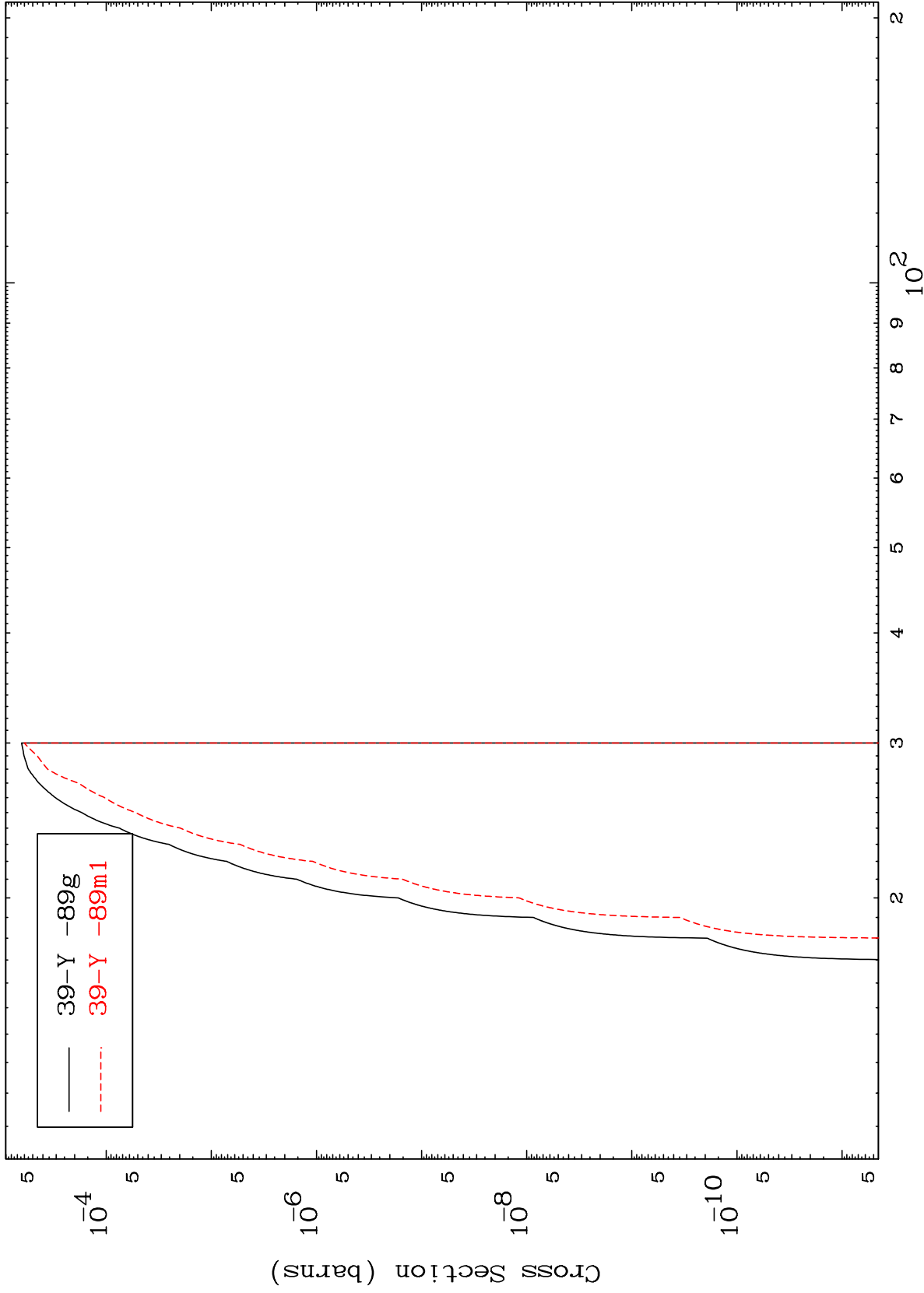
Radionuclide Production Cross Section



Radionuclide Production Cross Section



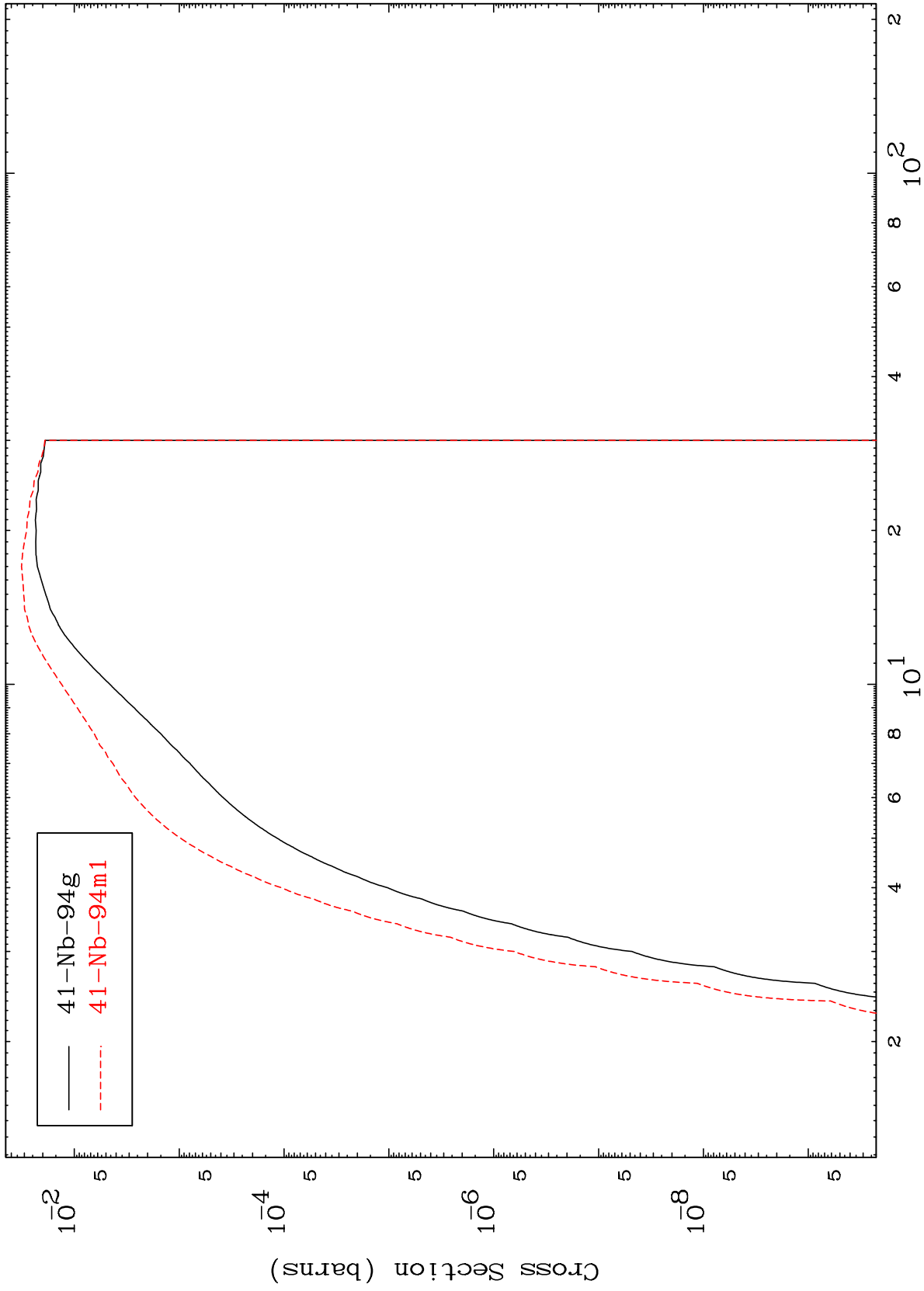
Radionuclide Production Cross Section



MAT 4231

42-Mo-94

Radionuclide Production Cross Section (n,p)



140

Incident Energy (MeV)

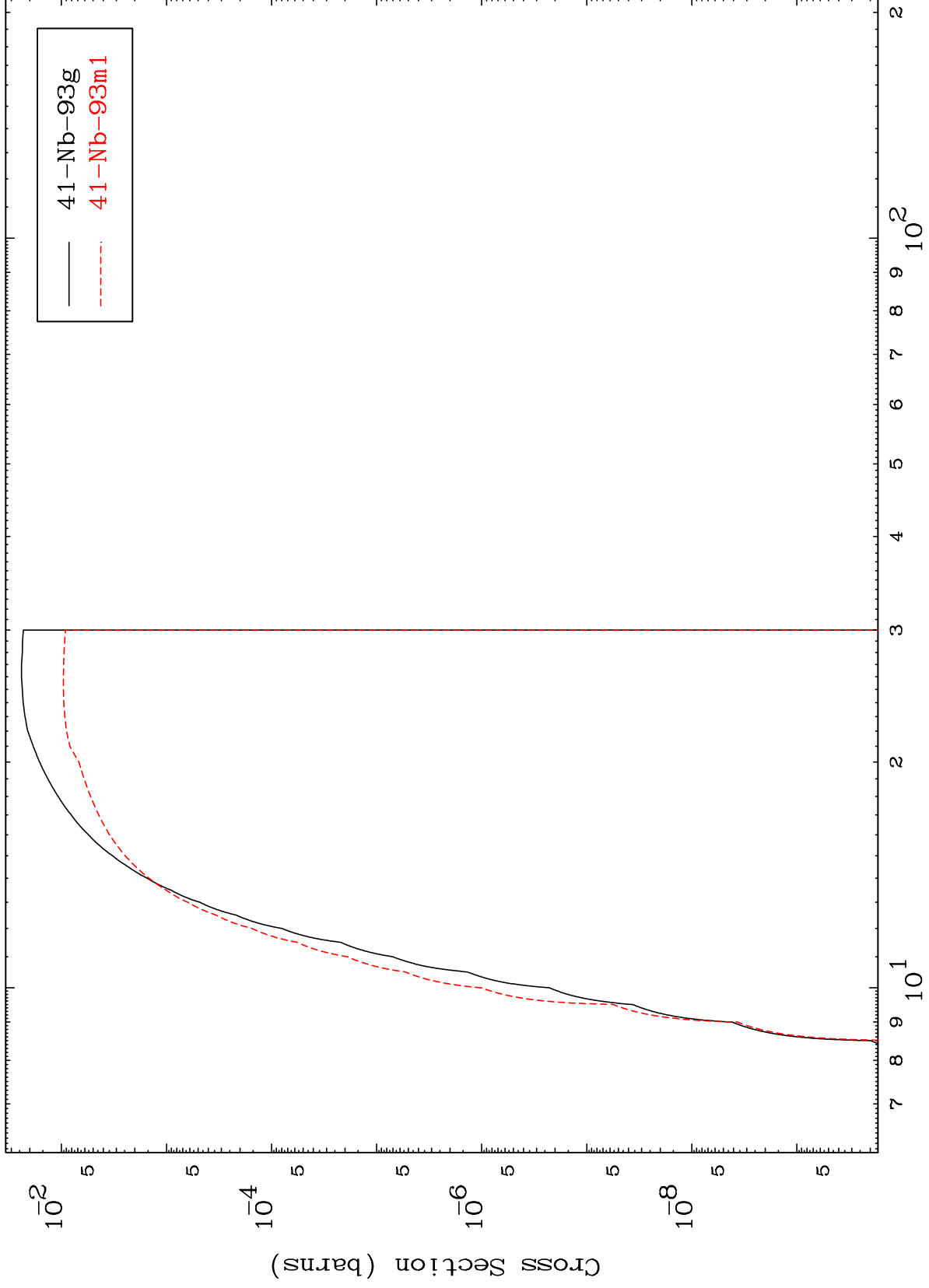
42-Mo-94

MAT 4231

(n,d)

42-Mo-94

Radionuclide Production Cross Section



141

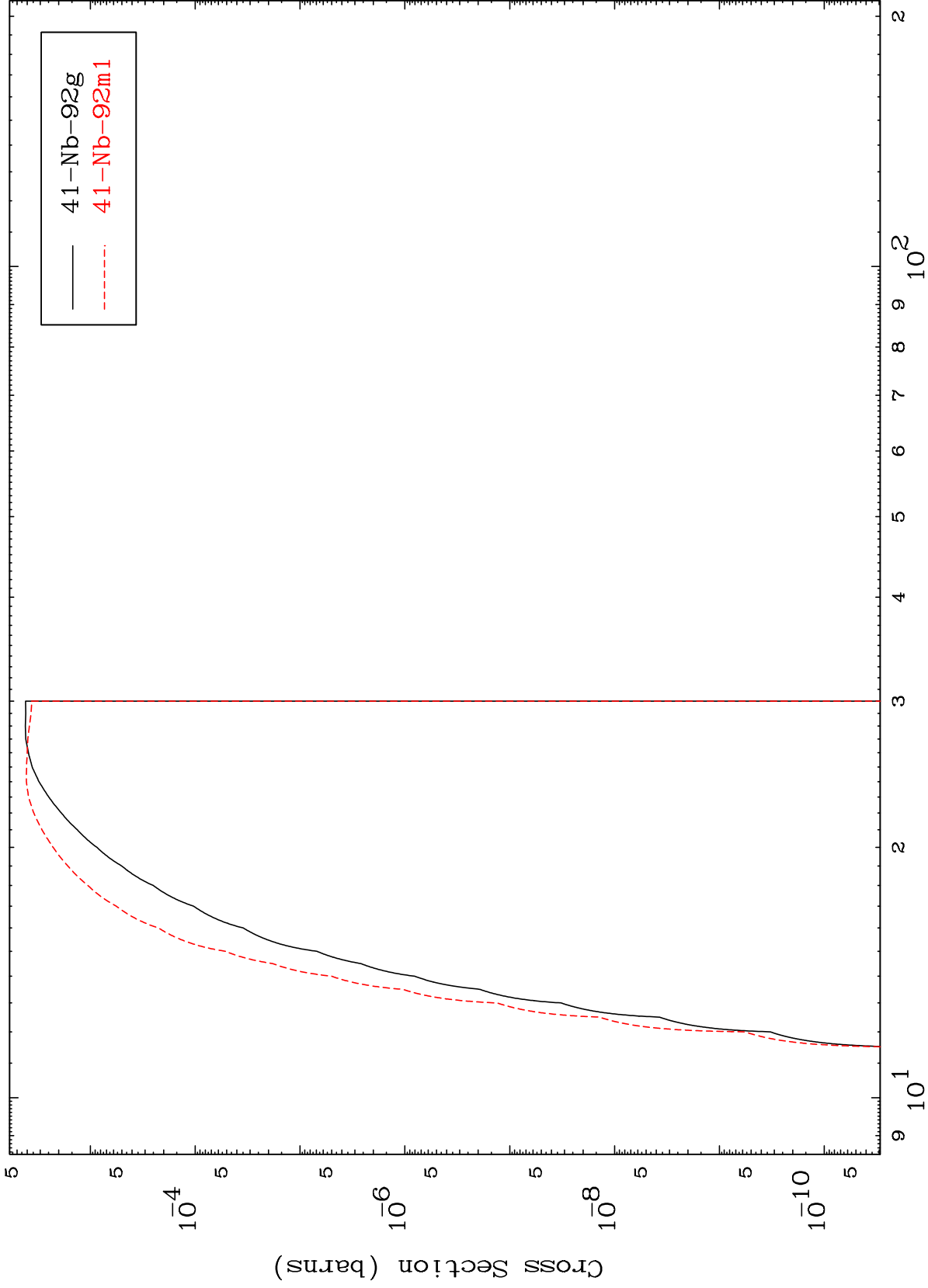
Incident Energy (MeV)

42-Mo-94

MAT 4231

42-Mo-94

(n, t)
Radionuclide Production Cross Section



42-Mo-94

Incident Energy (MeV)

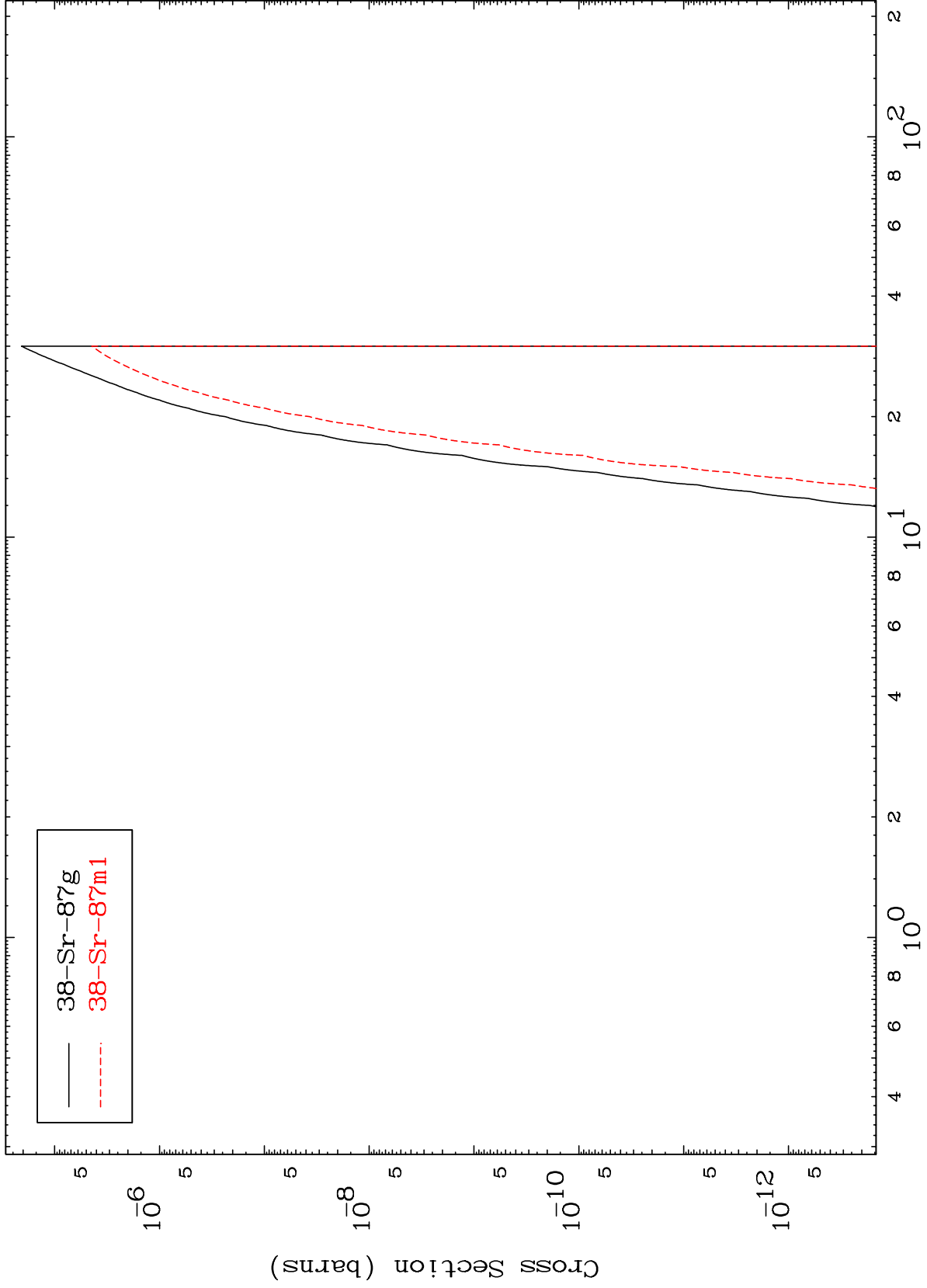
142

MAT 4231

(n,2α)

42-Mo-94

Radionuclide Production Cross Section



143

Incident Energy (MeV)

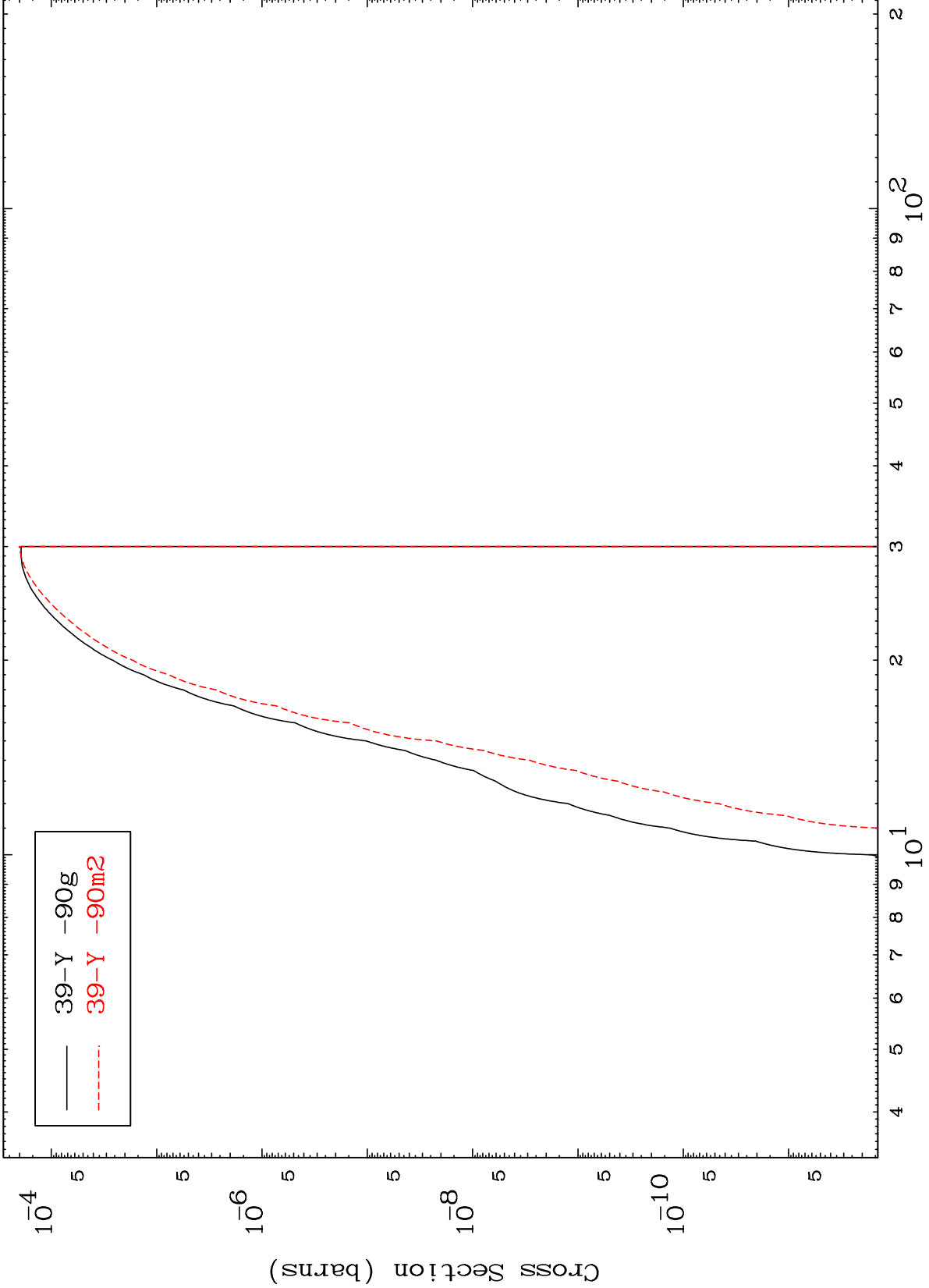
42-Mo-94

MAT 4231

(n,p) α

42-Mo-94

Radionuclide Production Cross Section



39-Y -90g
39-Y -90m2

144

Incident Energy (MeV)

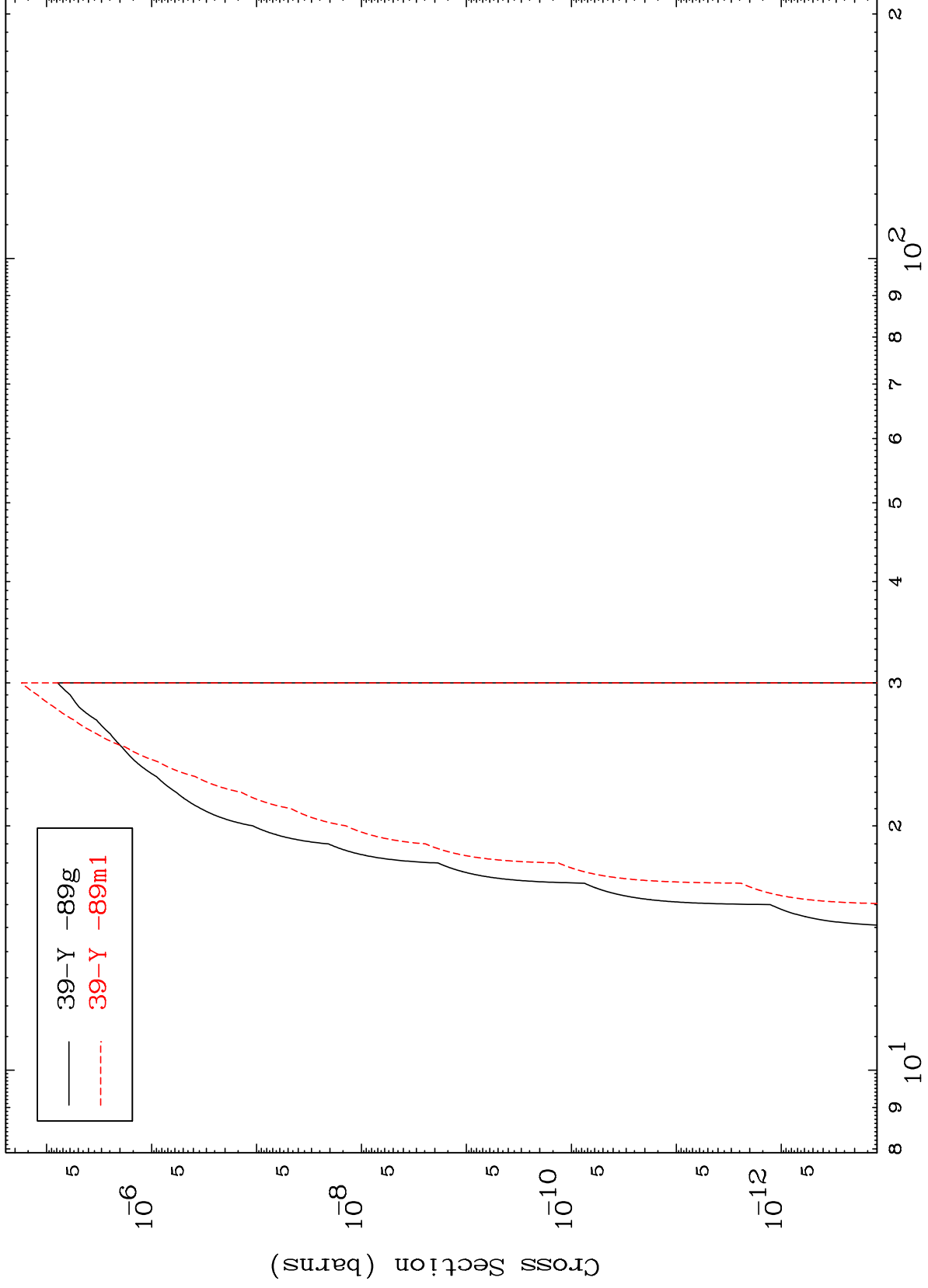
42-Mo-94

MAT 4231

(n,d) α

42-Mo-94

Radionuclide Production Cross Section



145

Incident Energy (MeV)

42-Mo-94