

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

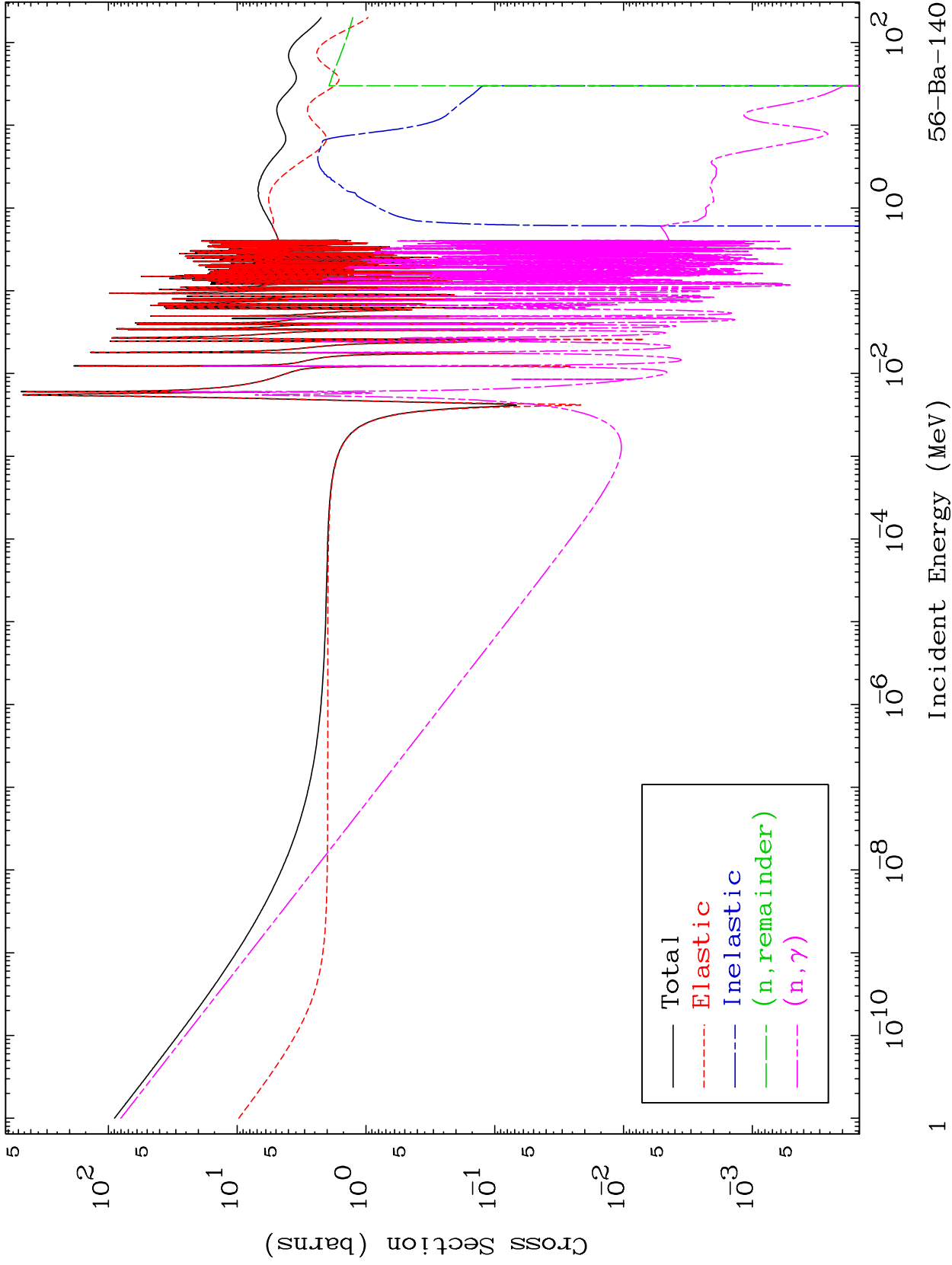
Press Mouse Button to Start

MAT 5655

Major

293 Kelvin Cross Sections

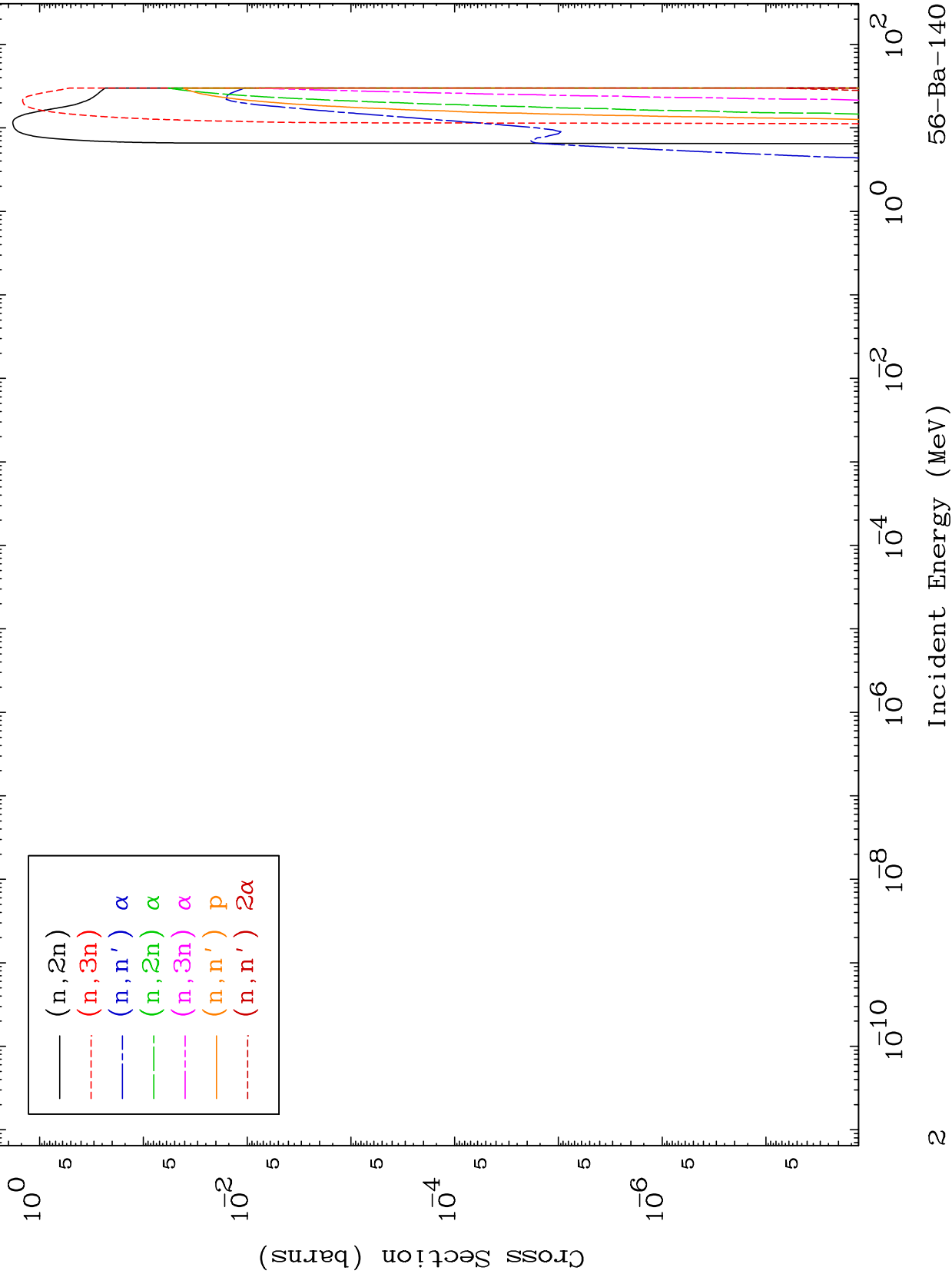
56-Ba-140

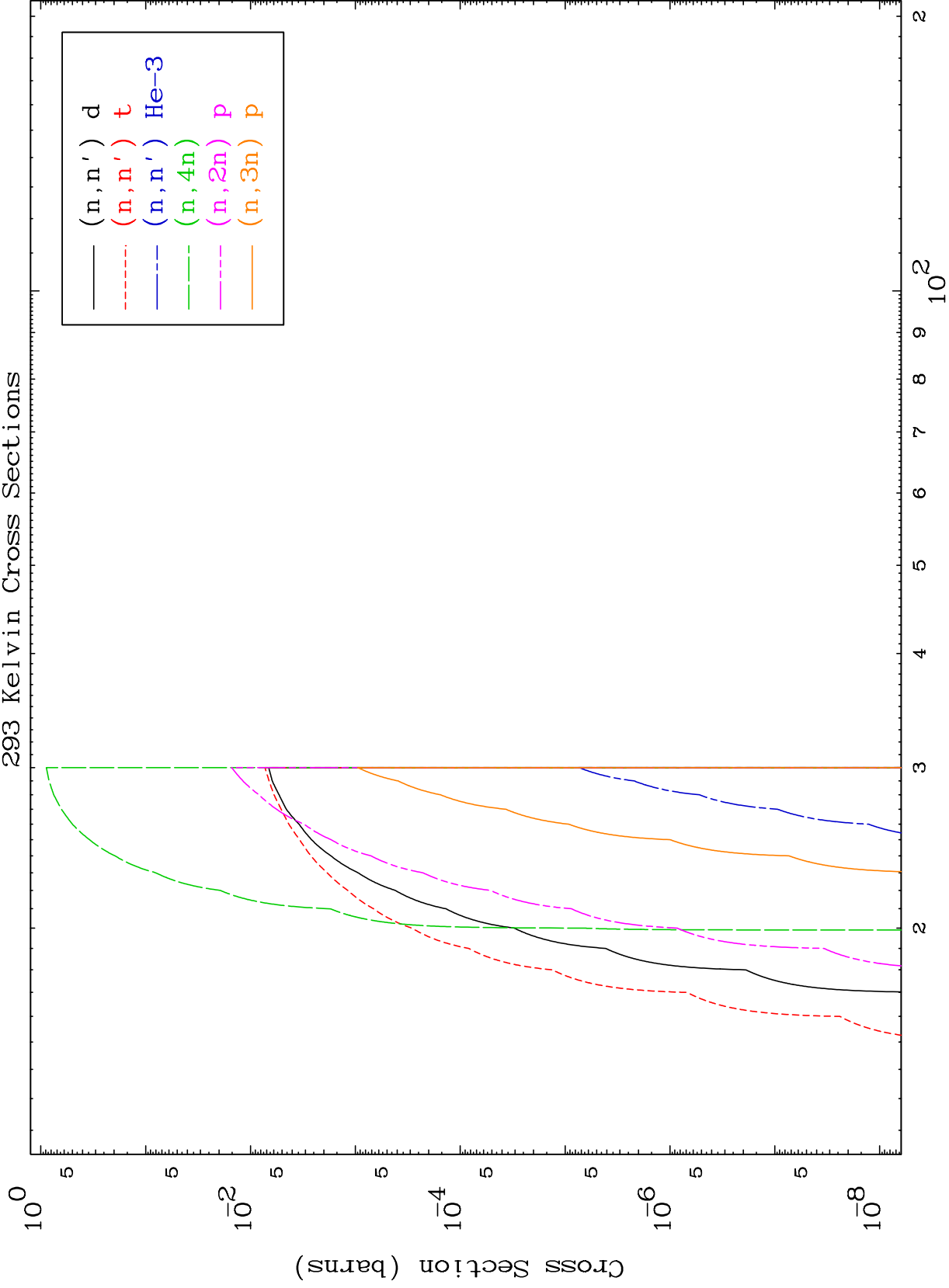


MAT 5655

Neutron Production
293 Kelvin Cross Sections

56-Ba-140

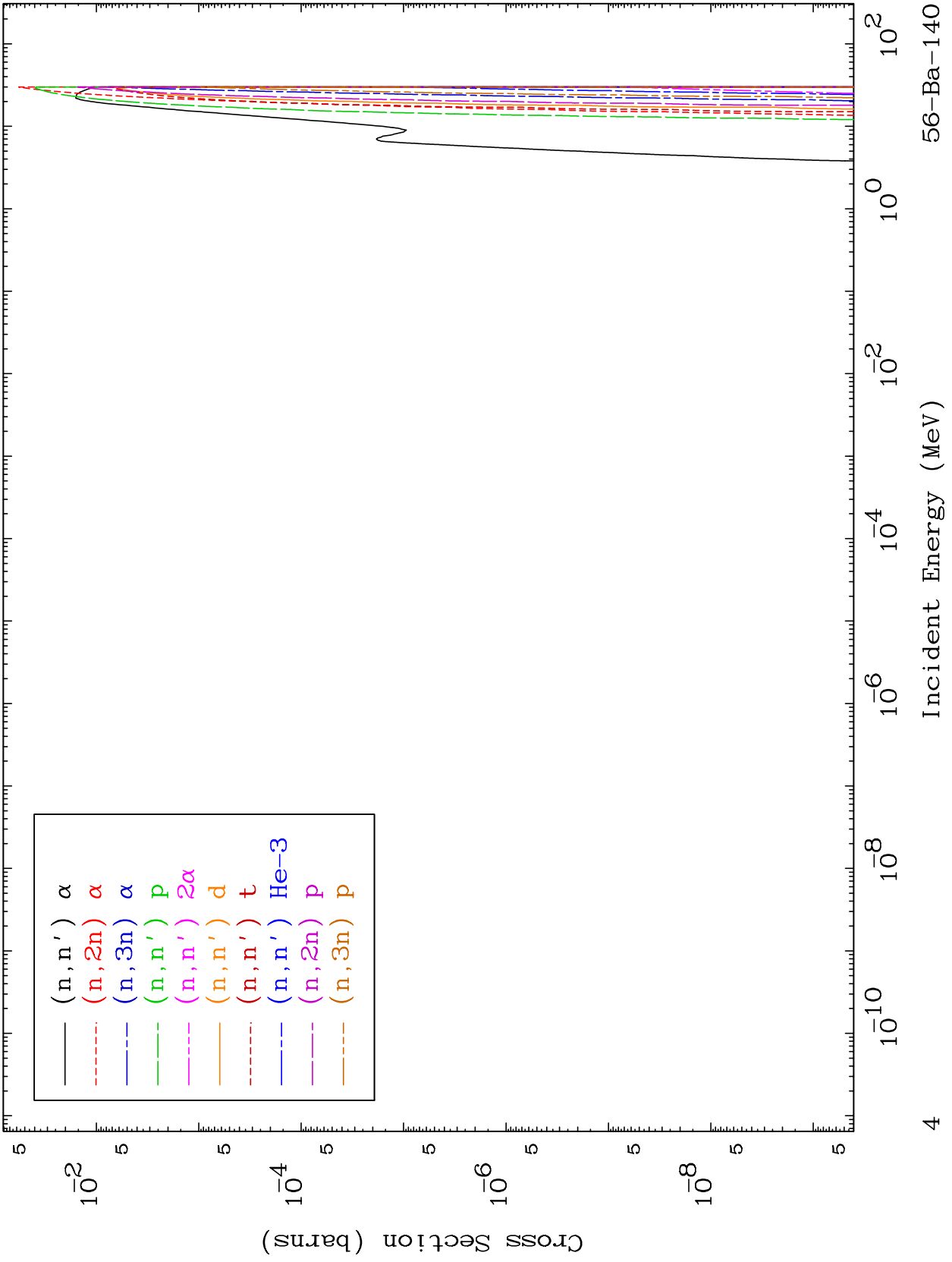




MAT 5655

Charged Particle
293 Kelvin Cross Sections

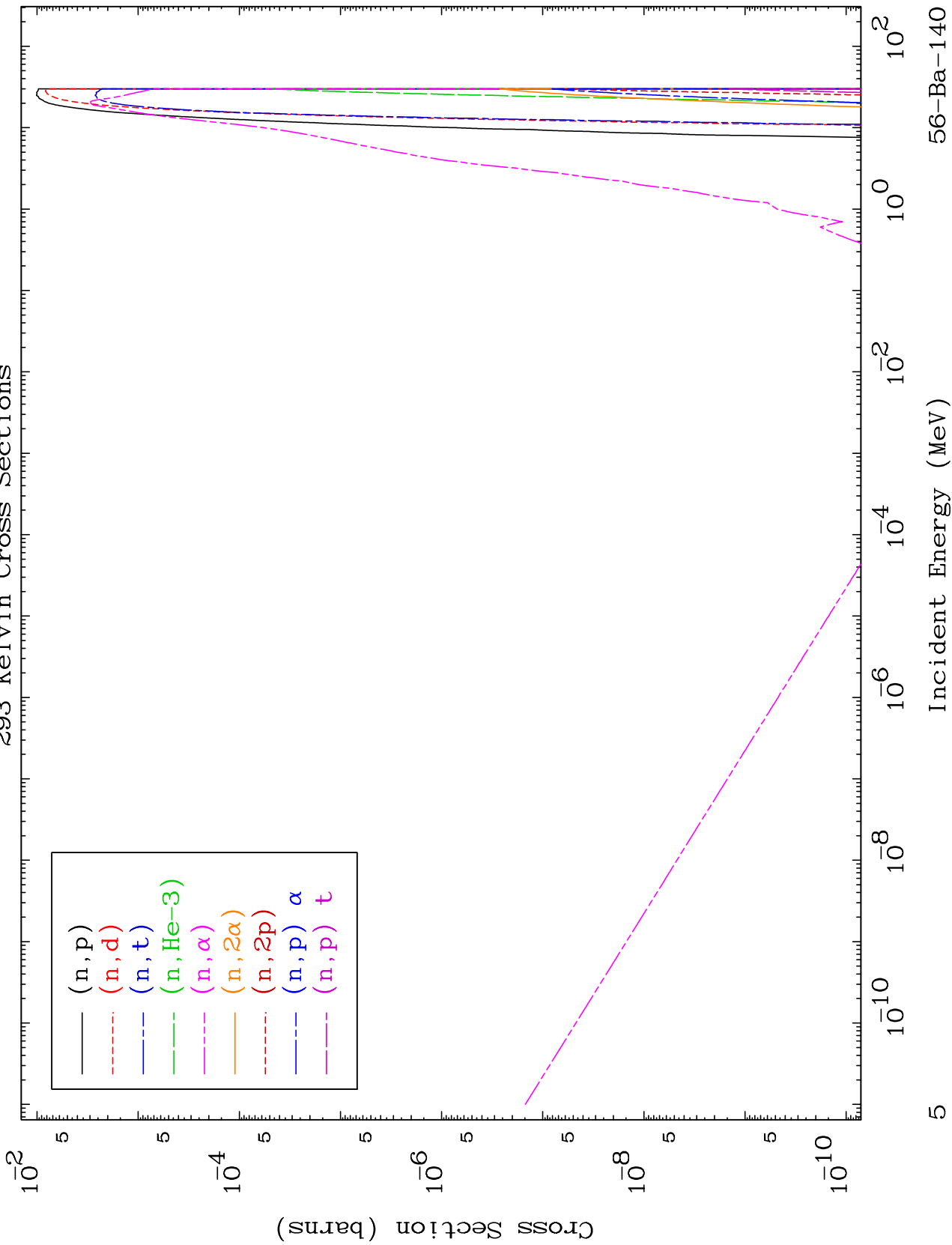
56-Ba-140



MAT 5655

Charged Particle
293 Kelvin Cross Sections

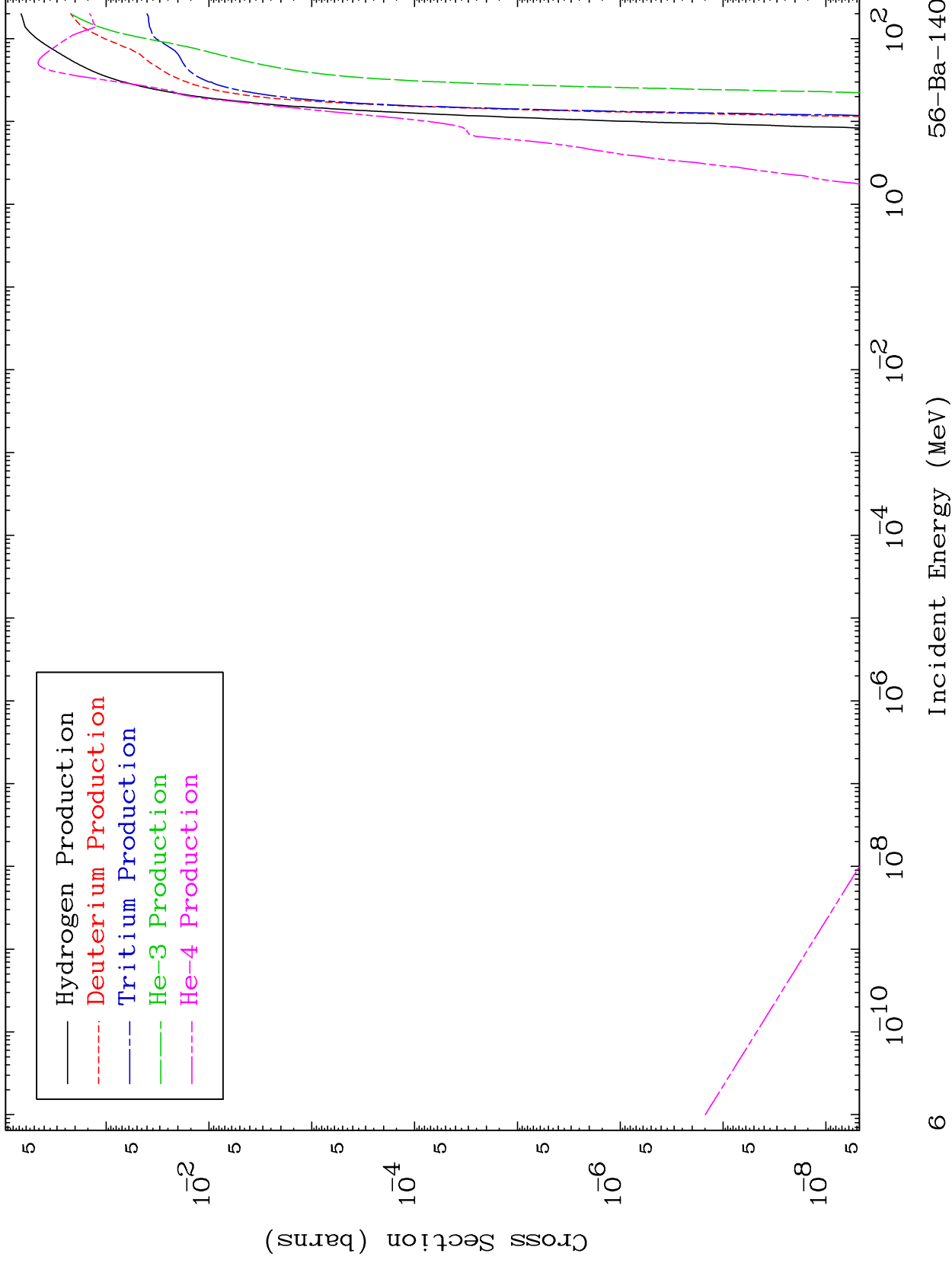
56-Ba-140



MAT 5655

Particle Production
293 Kelvin Cross Sections

56-Ba-140

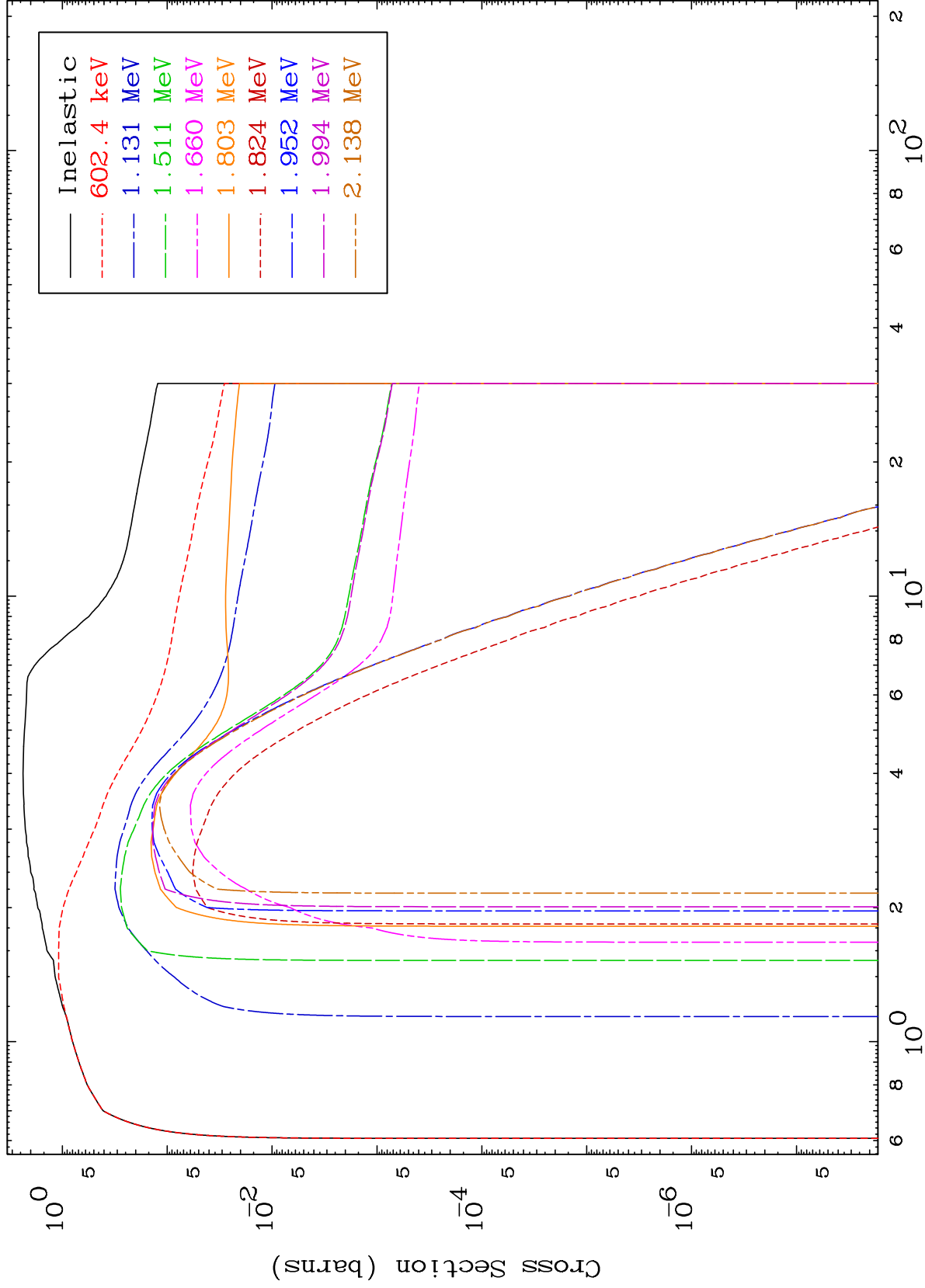


MAT 5655

(n,n') Level

56-Ba-140

293 Kelvin Cross Sections



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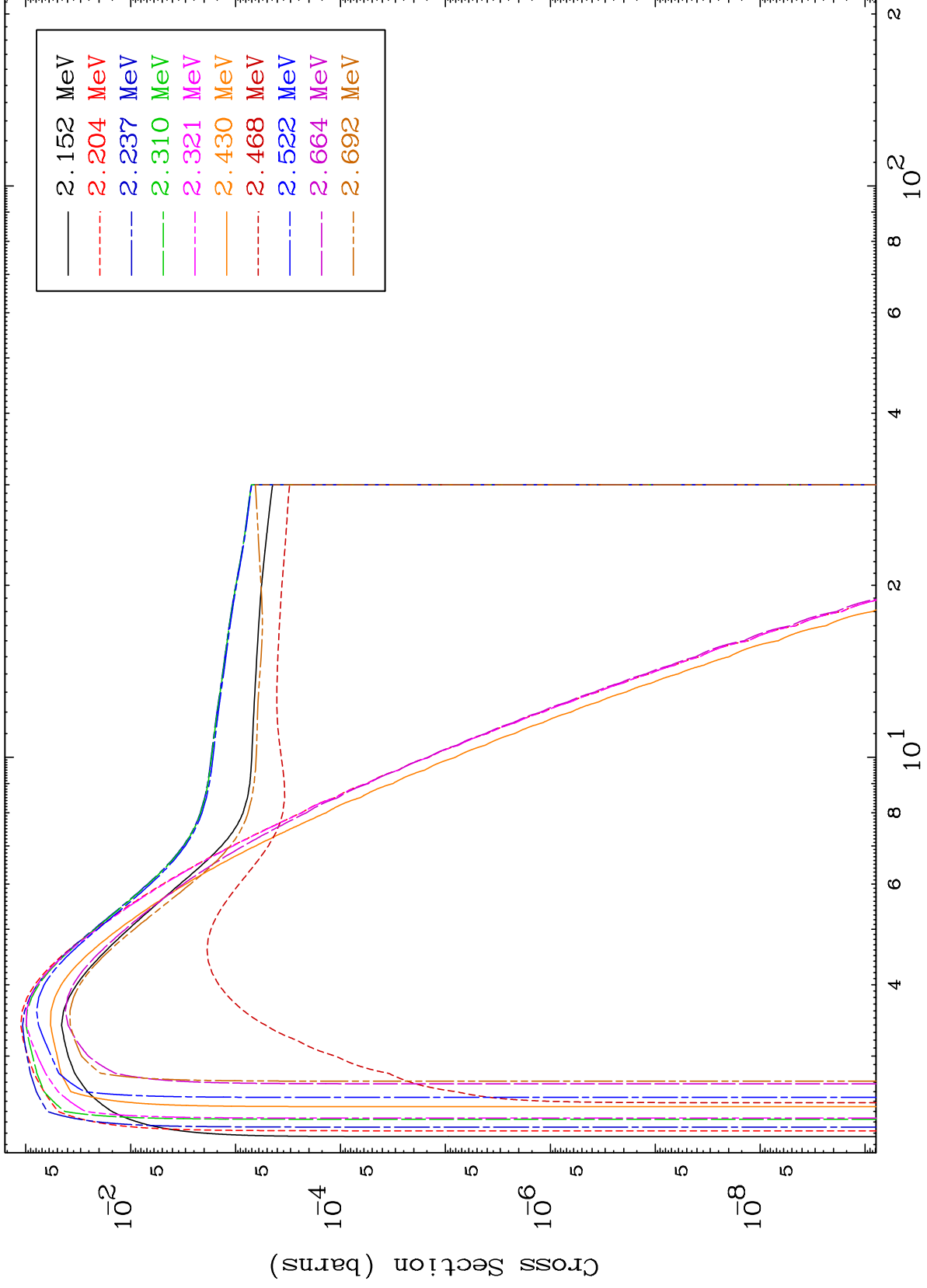
Incident Energy (MeV)

56-Ba-140

MAT 5655

(n,n') Level
293 Kelvin Cross Sections

56-Ba-140



8

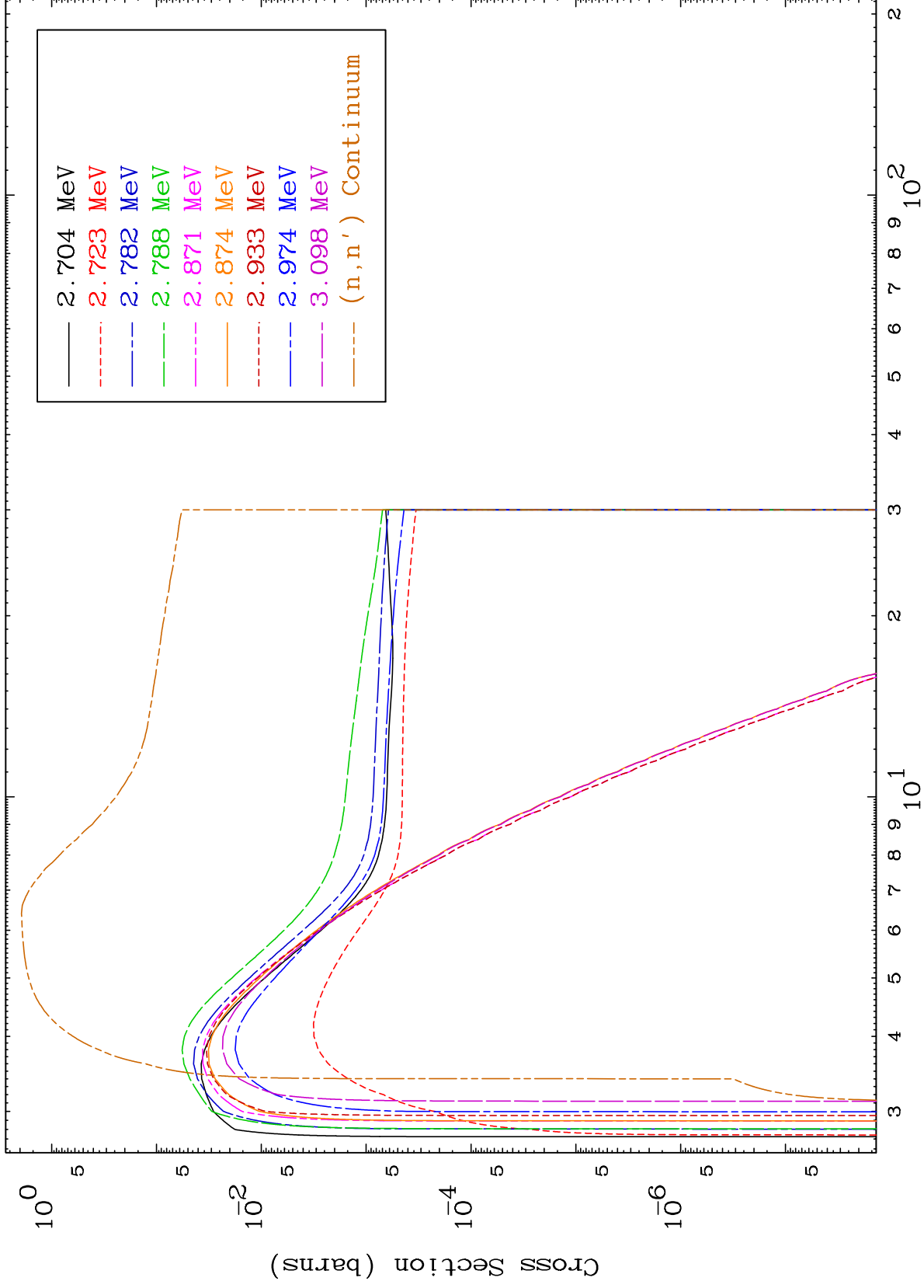
Incident Energy (MeV)

56-Ba-140

MAT 5655

(n,n') Level
293 Kelvin Cross Sections

56-Ba-140



9

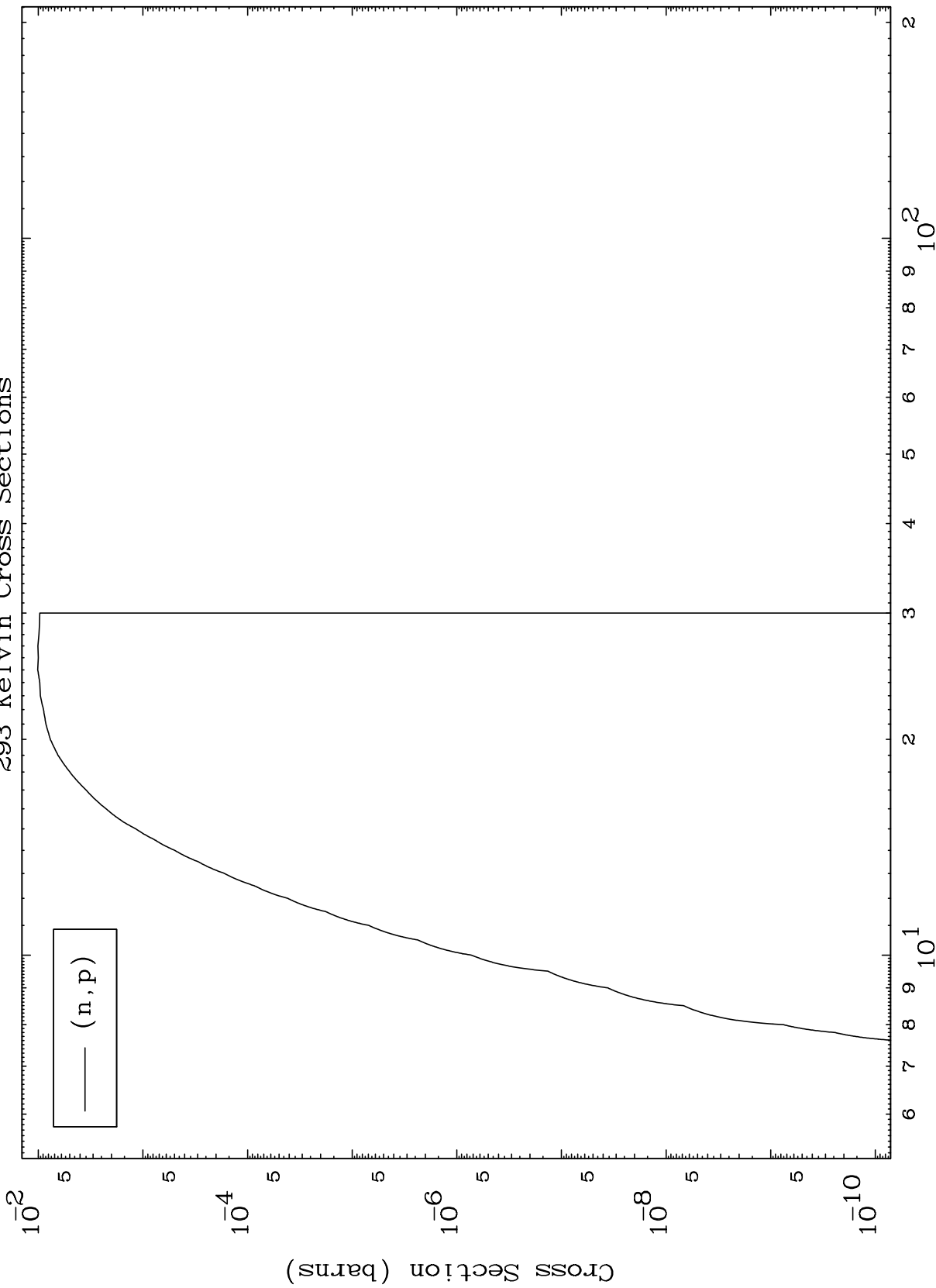
Incident Energy (MeV)

56-Ba-140

MAT 5655

(n,p) Levels
293 Kelvin Cross Sections

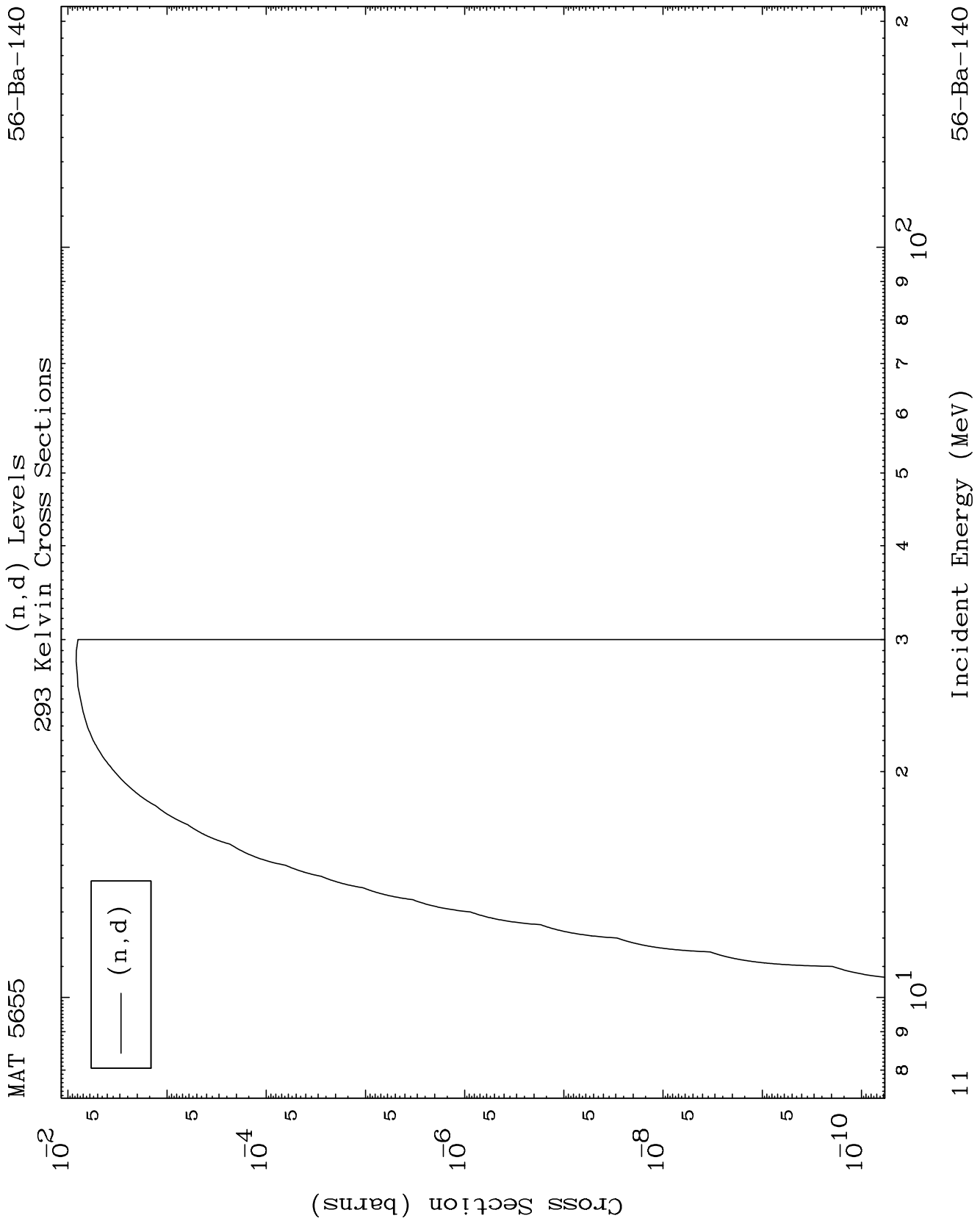
56-Ba-140



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Incident Energy (MeV)

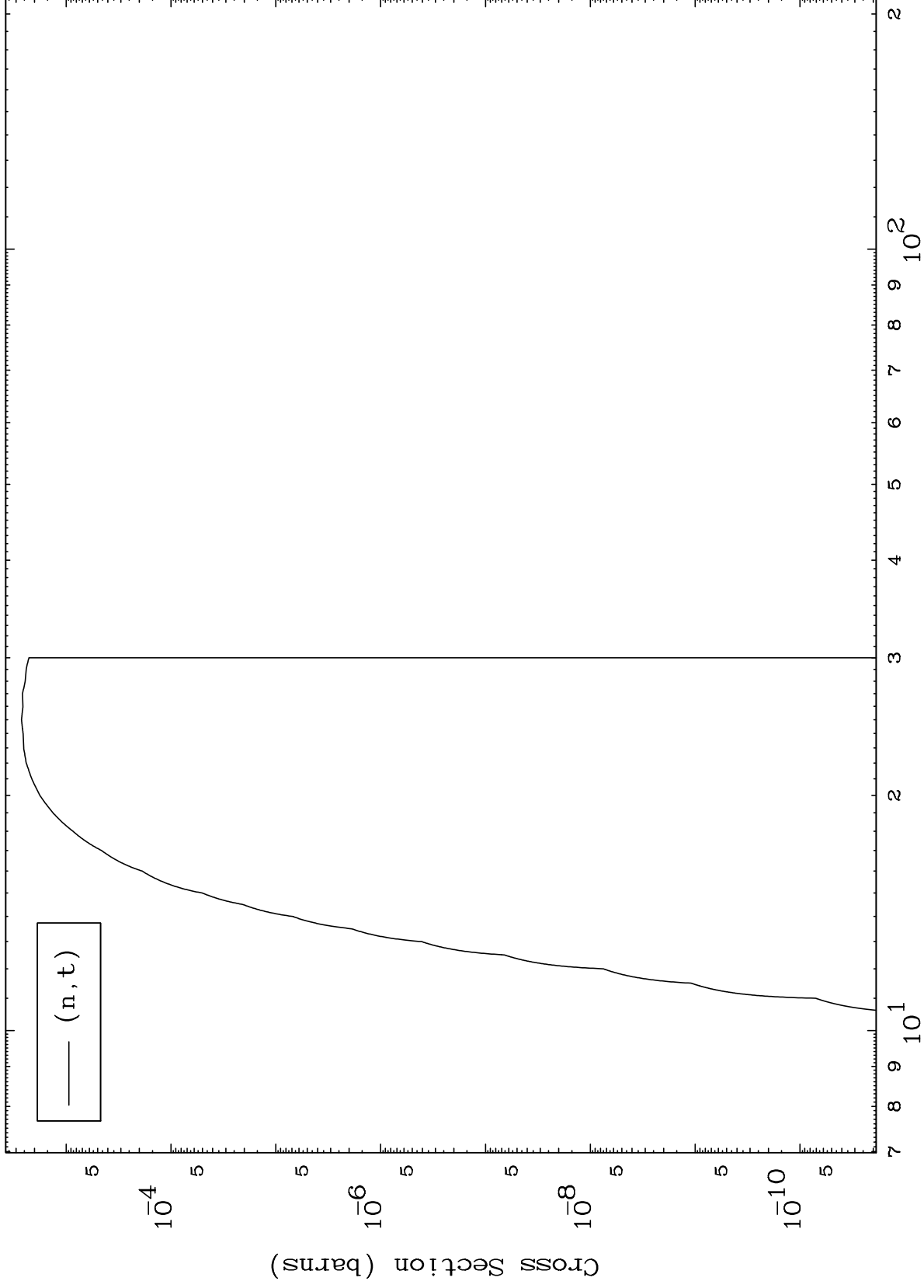
56-Ba-140



MAT 5655

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-140



12

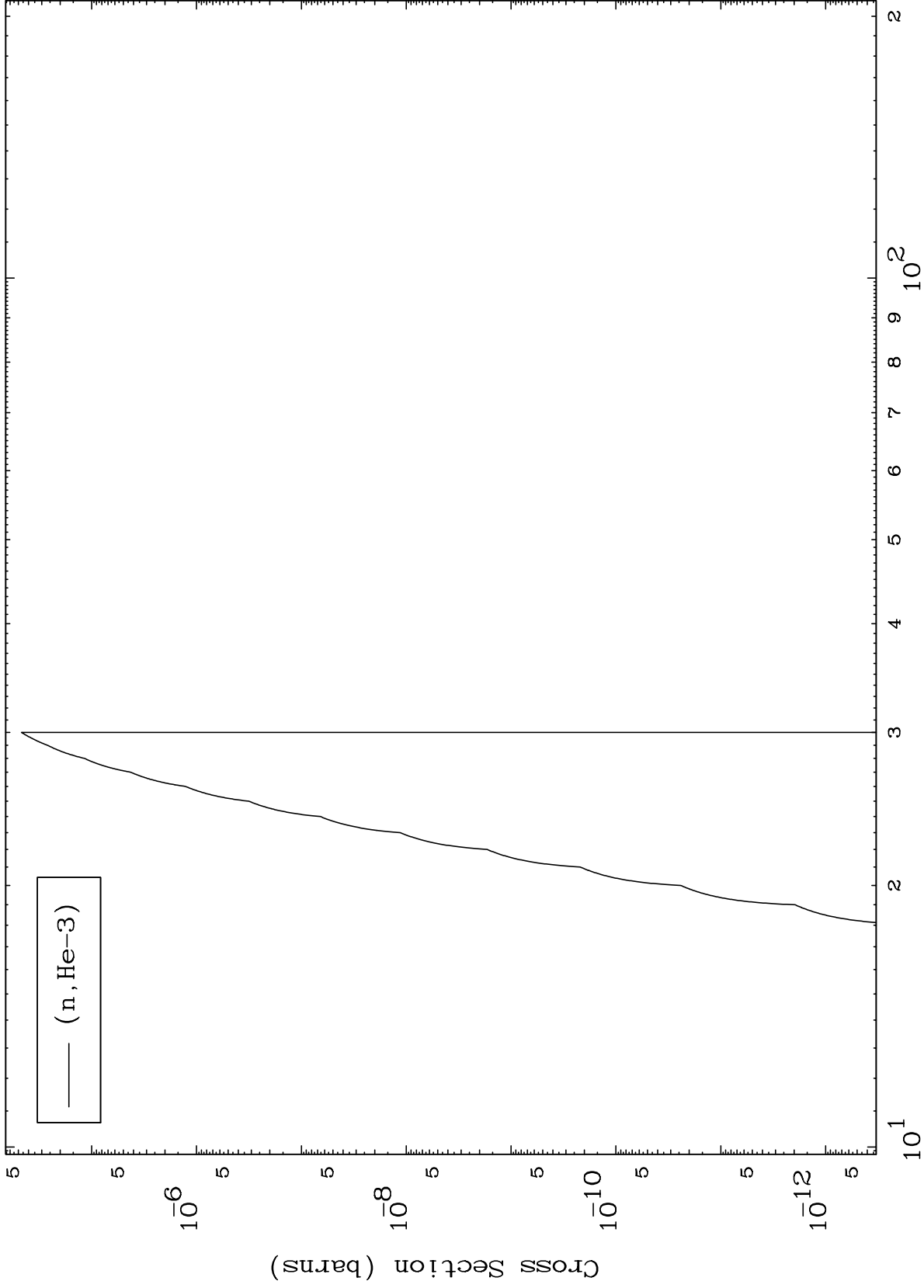
Incident Energy (MeV)

56-Ba-140

MAT 5655

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-140



13

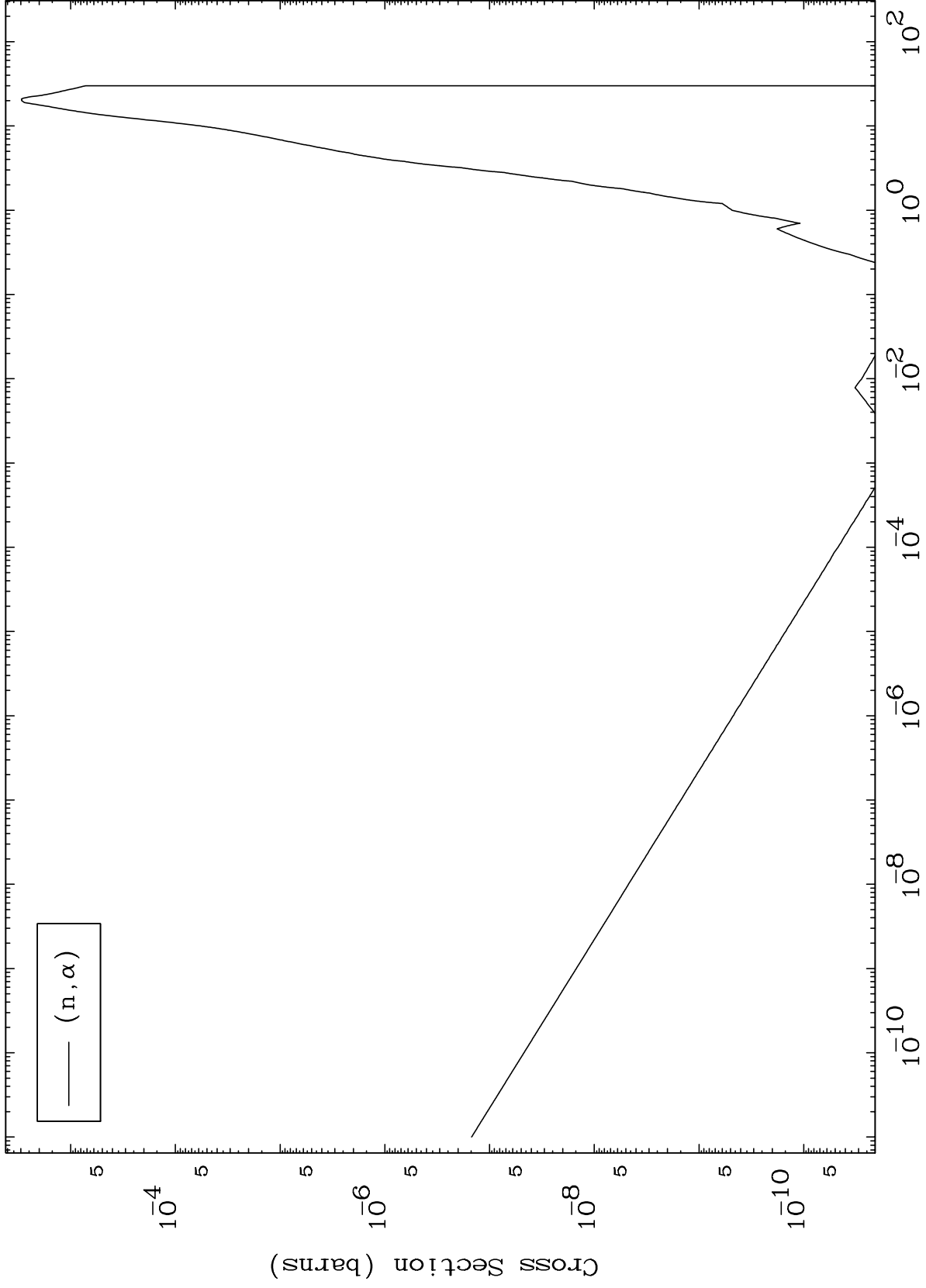
Incident Energy (MeV)

56-Ba-140

MAT 5655

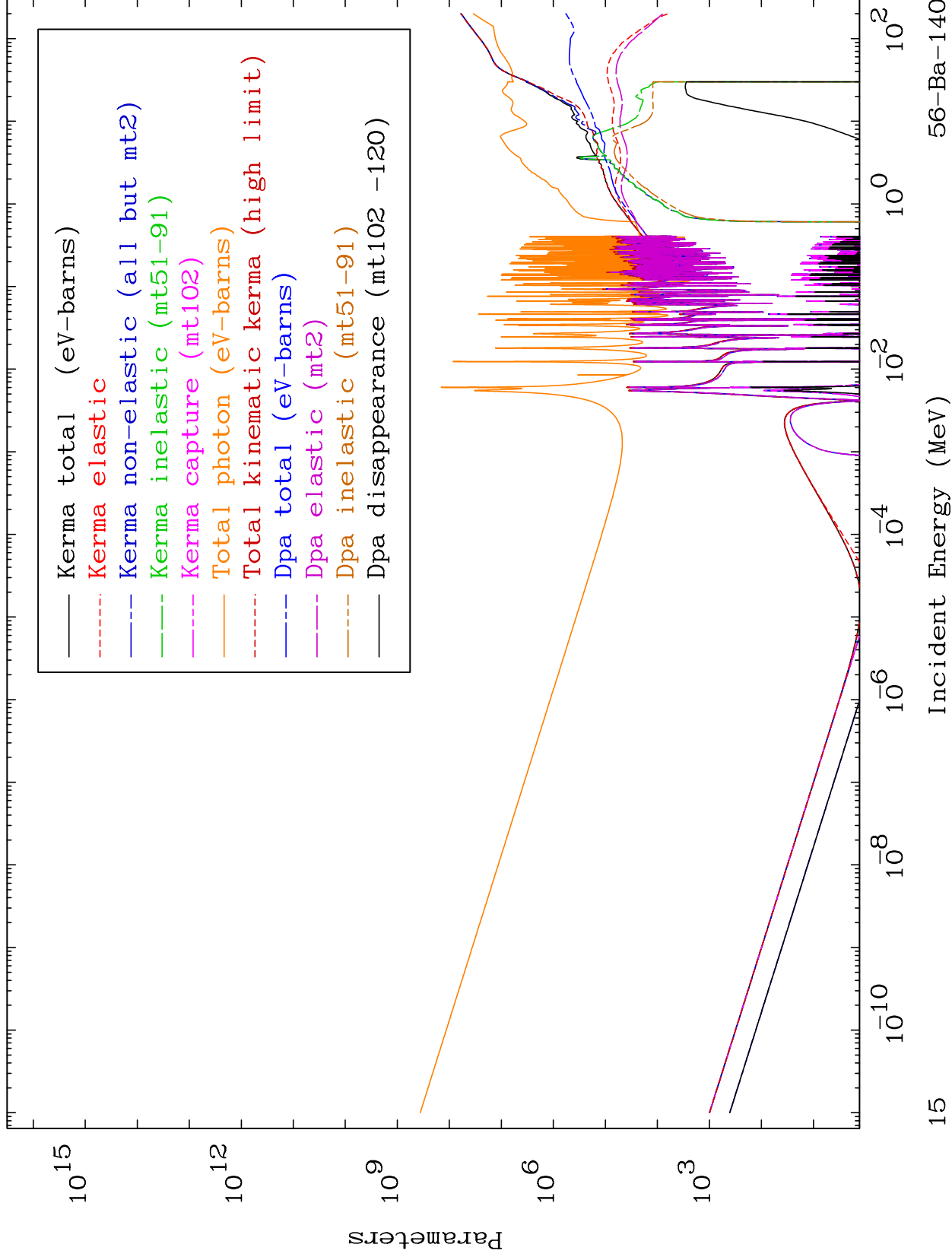
(n, α) Levels
293 Kelvin Cross Sections

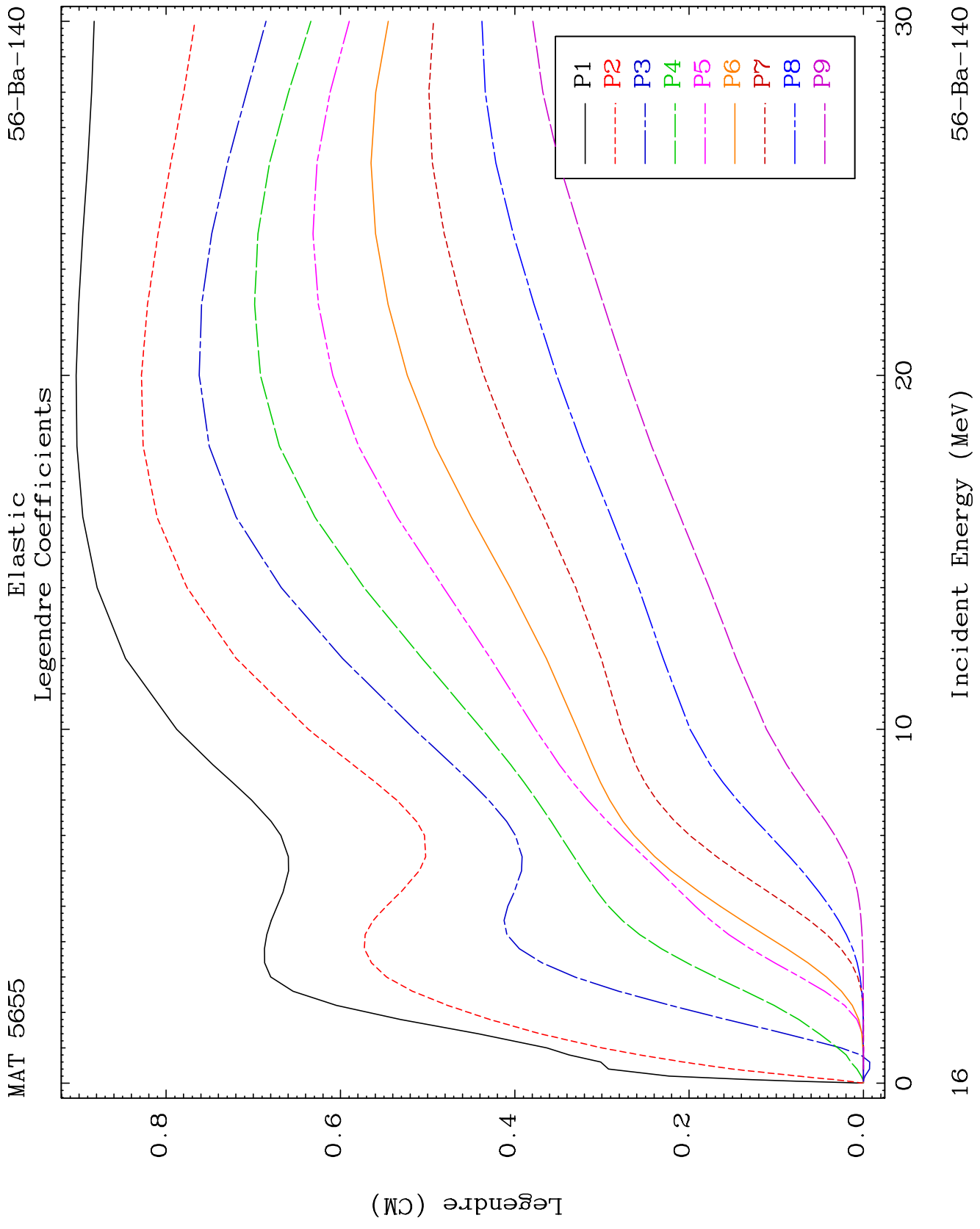
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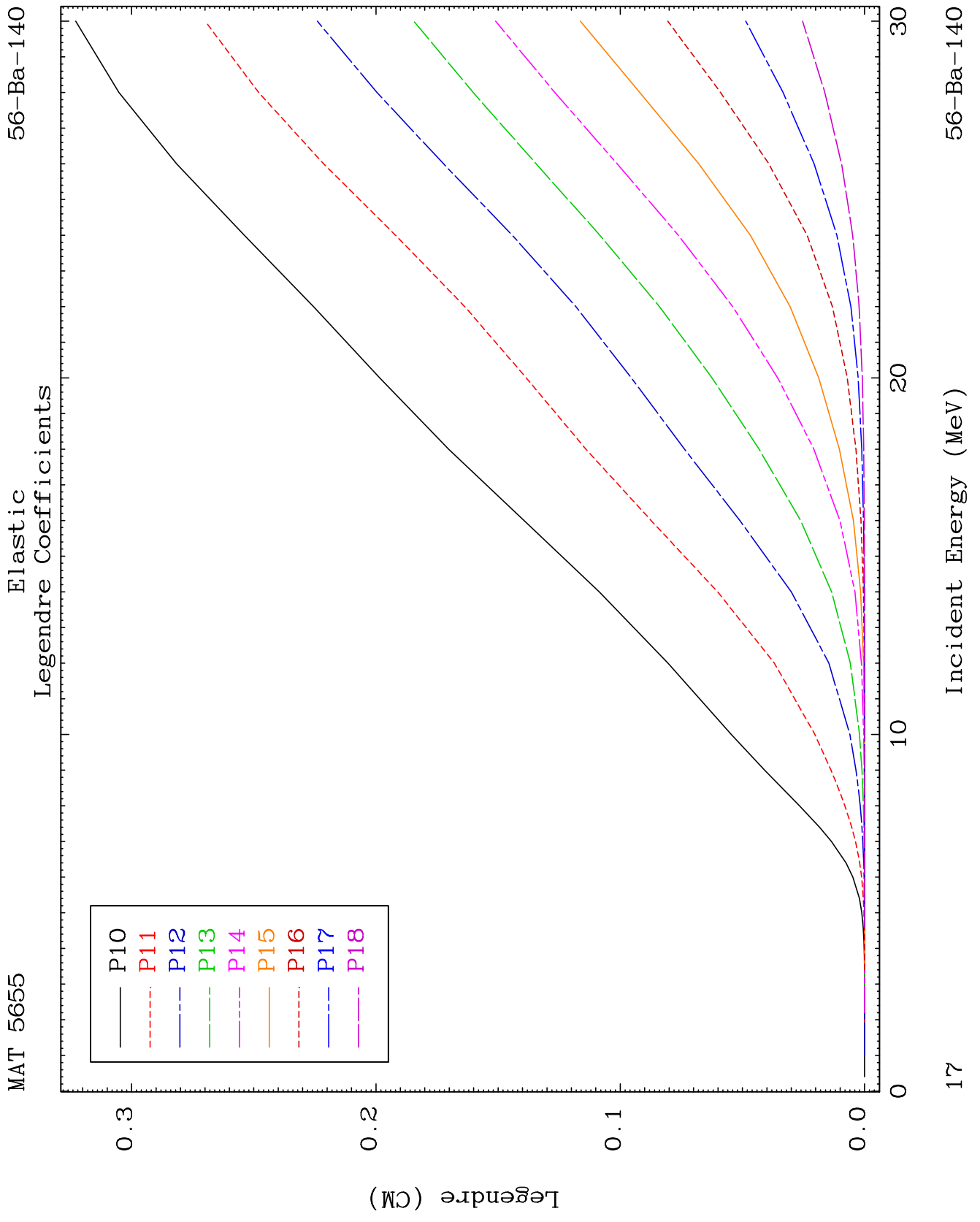


56-Ba-140

Incident Energy (MeV)



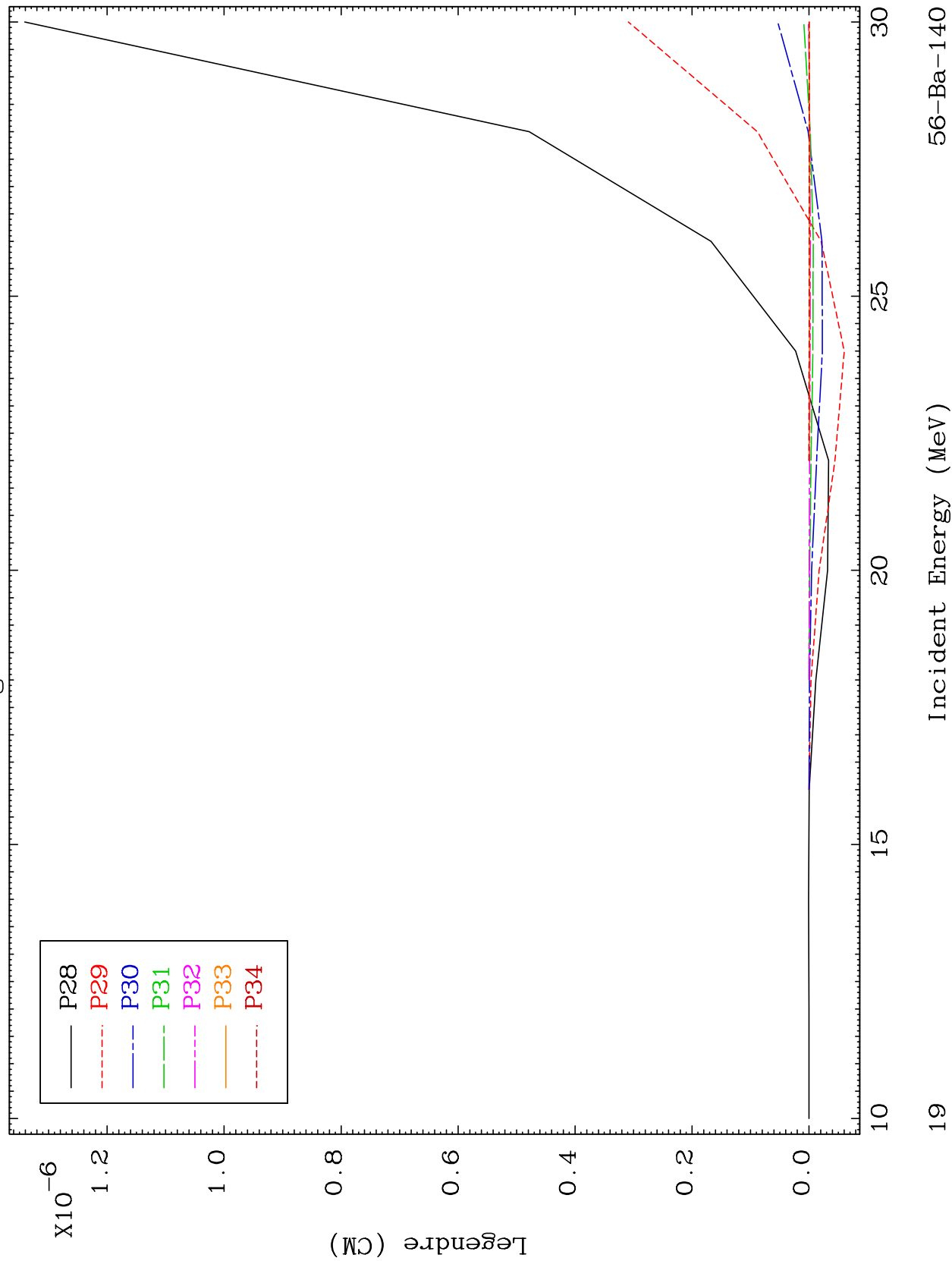




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Elastic Legendre Coefficients

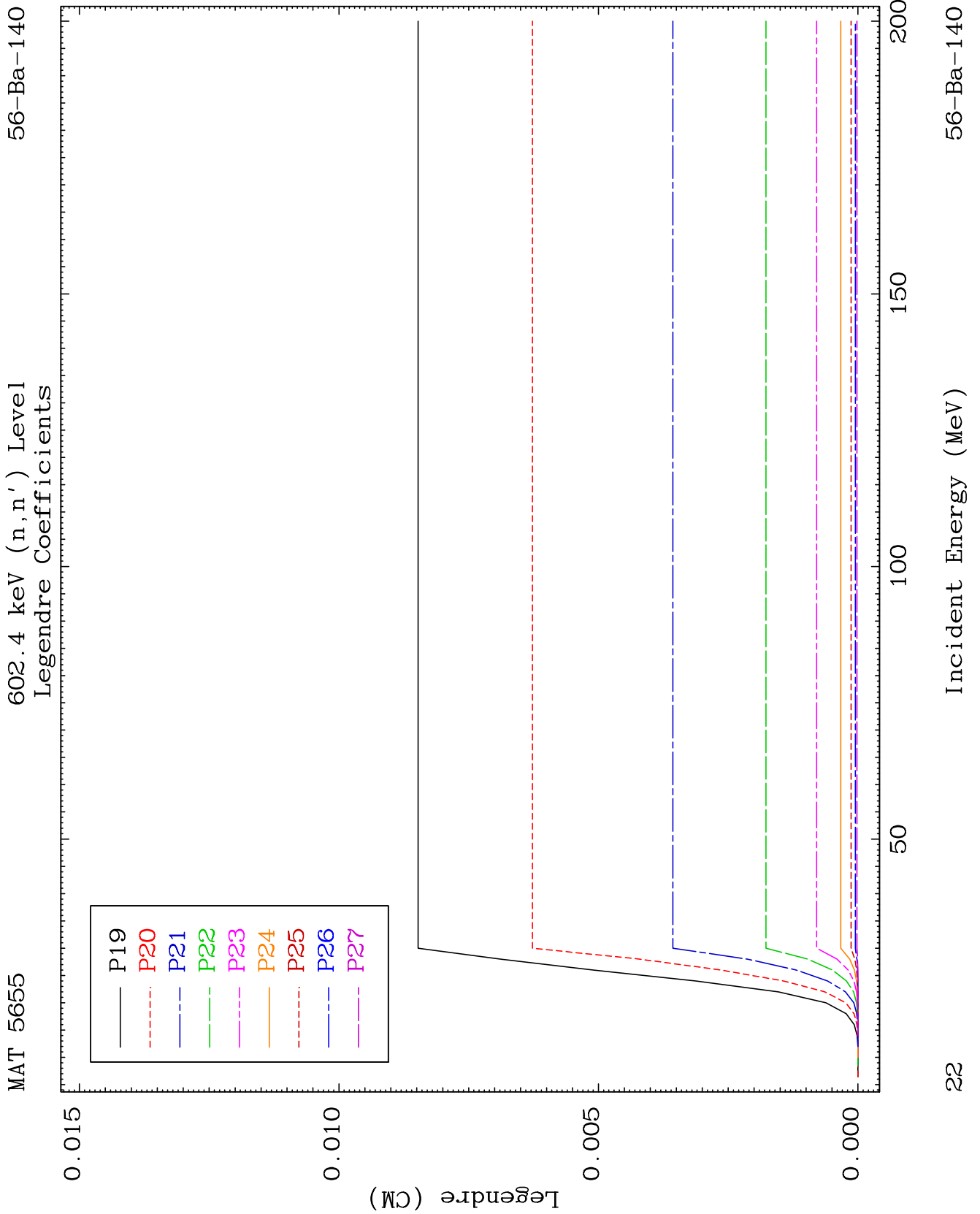
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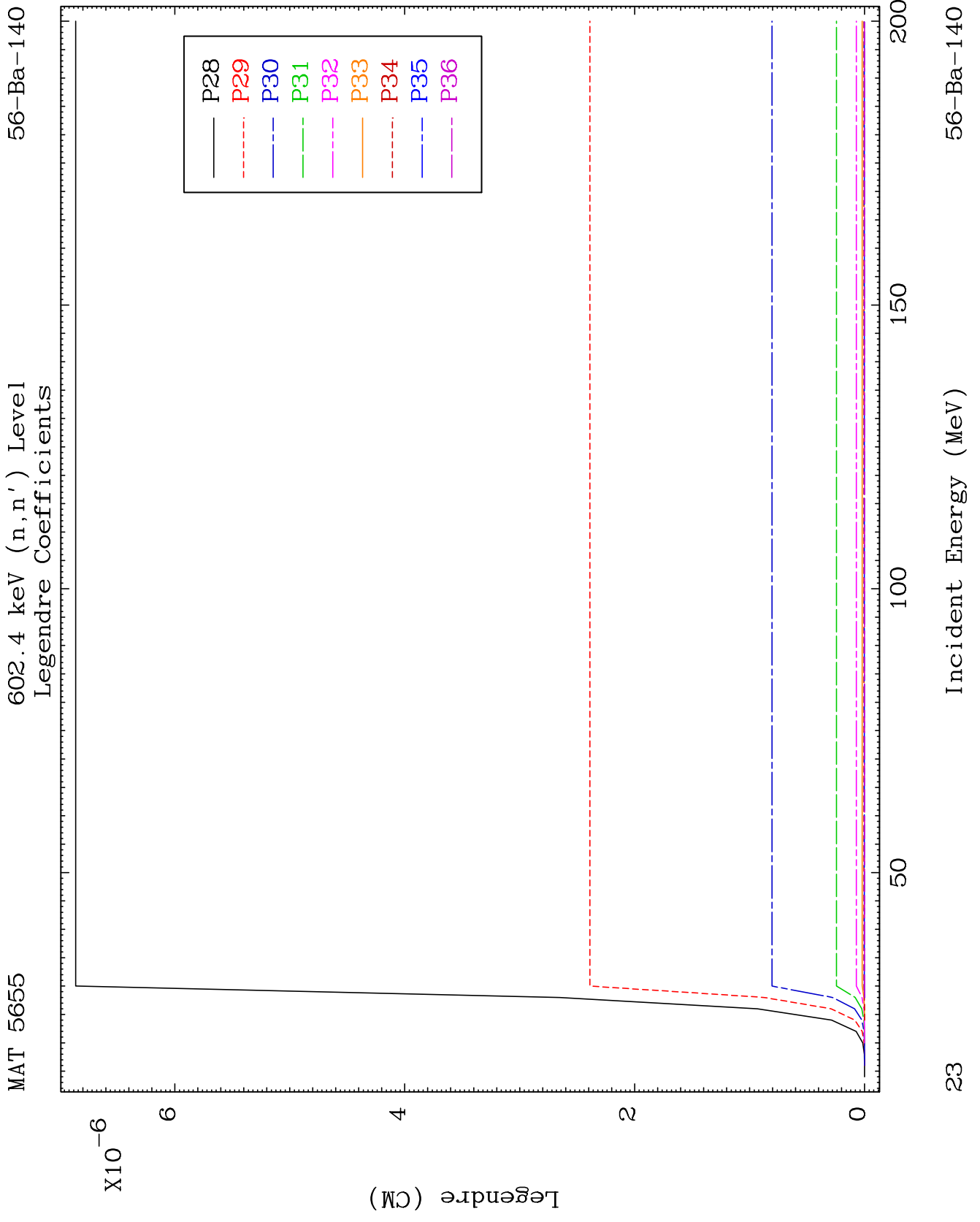


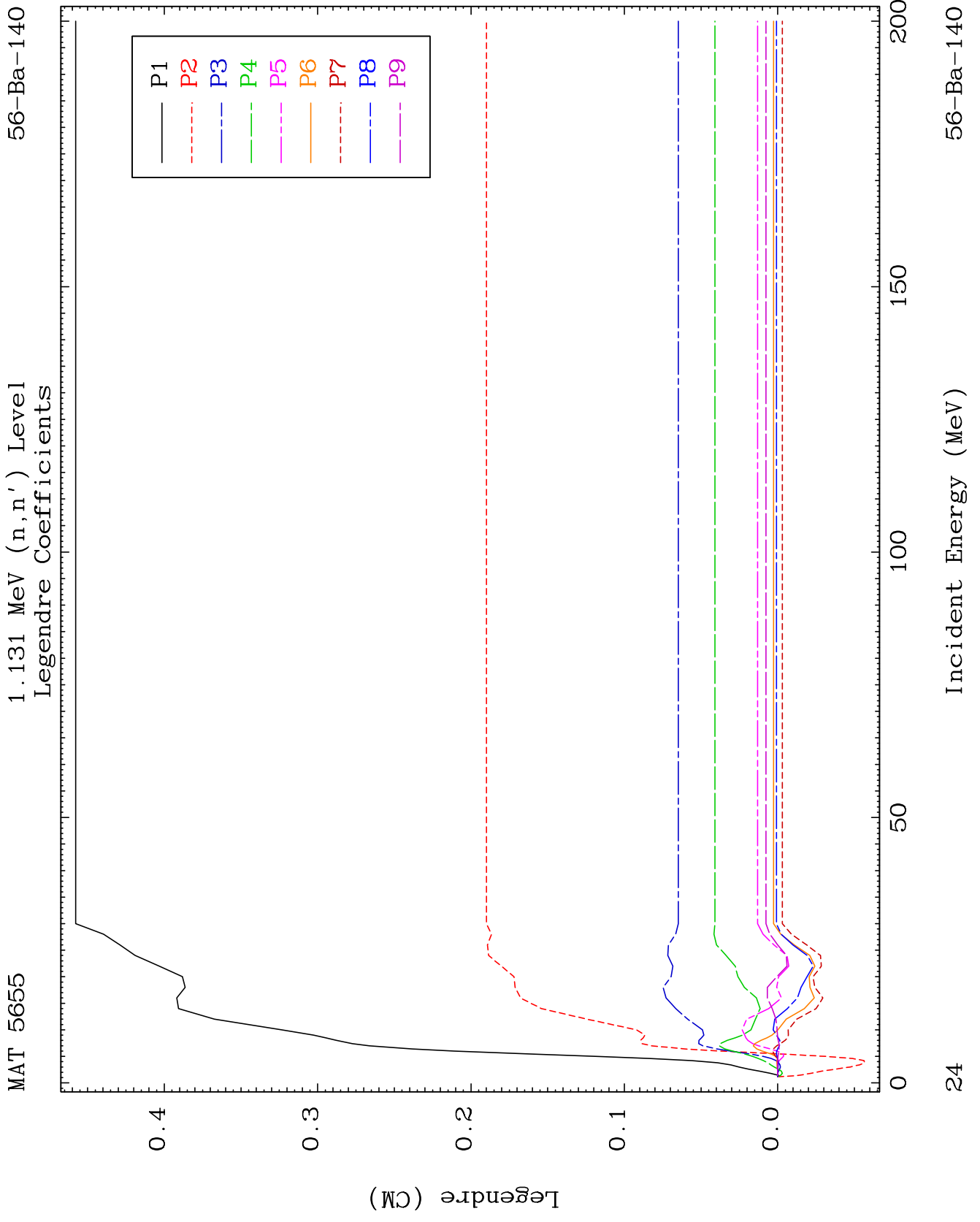
19

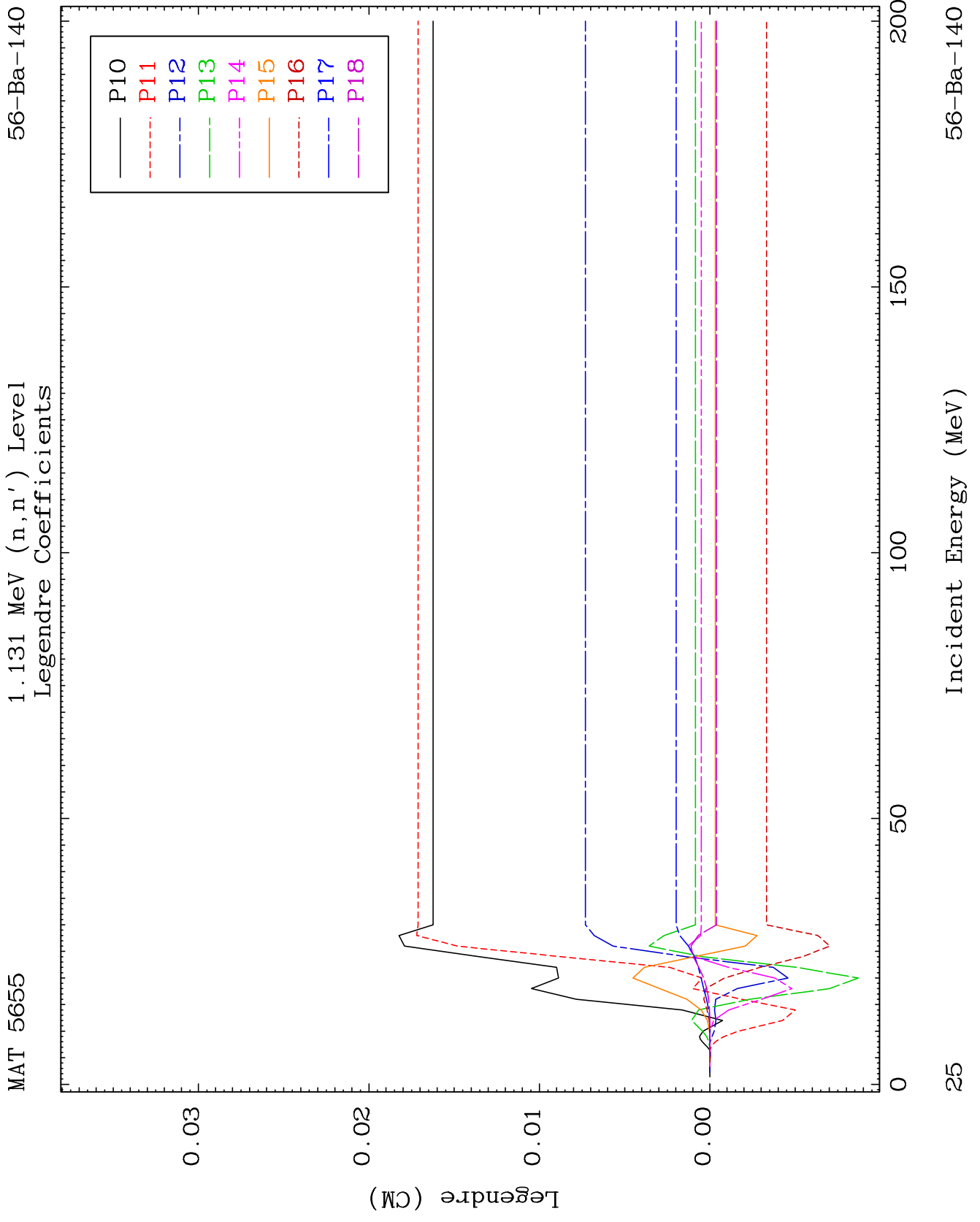
Incident Energy (MeV)

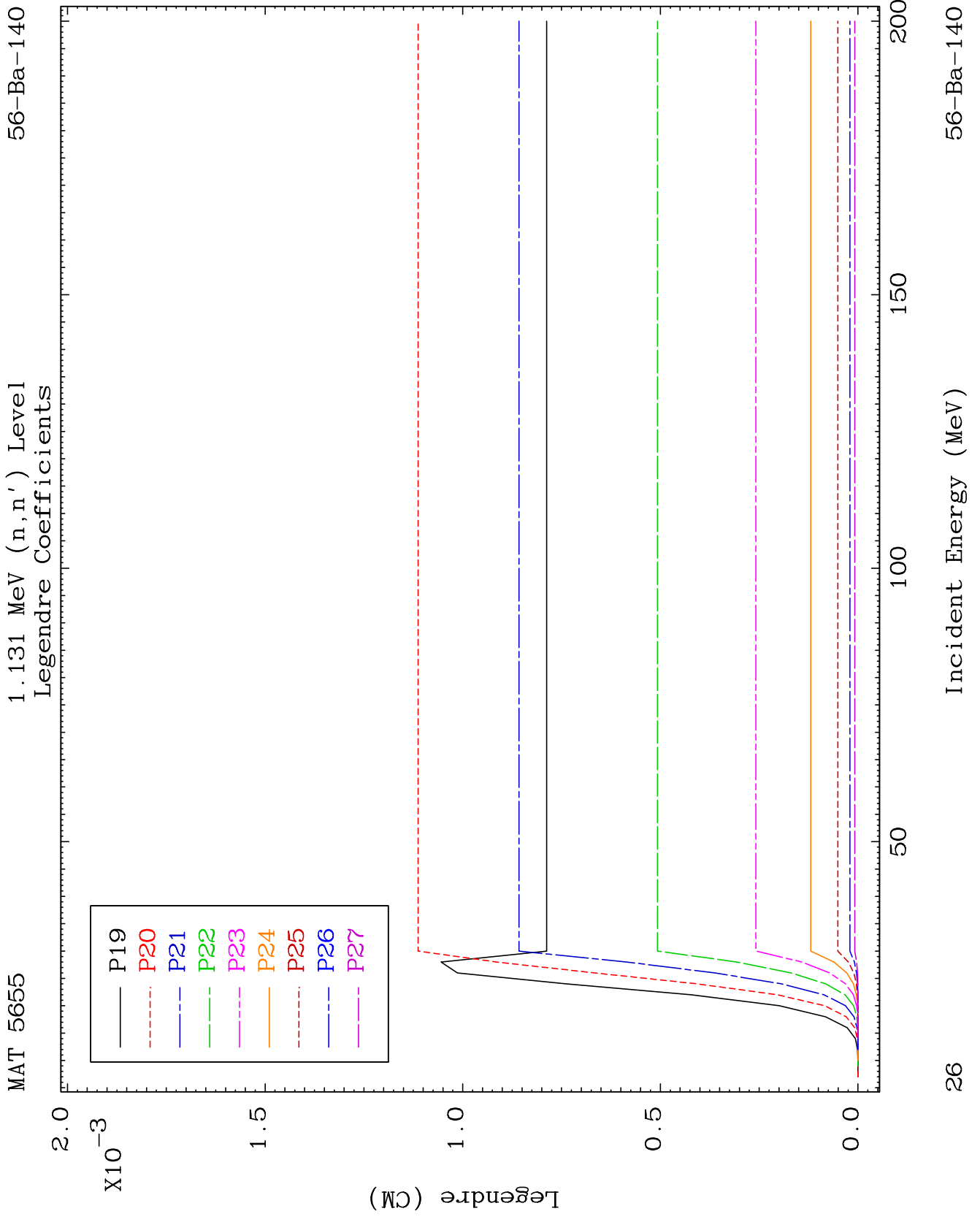
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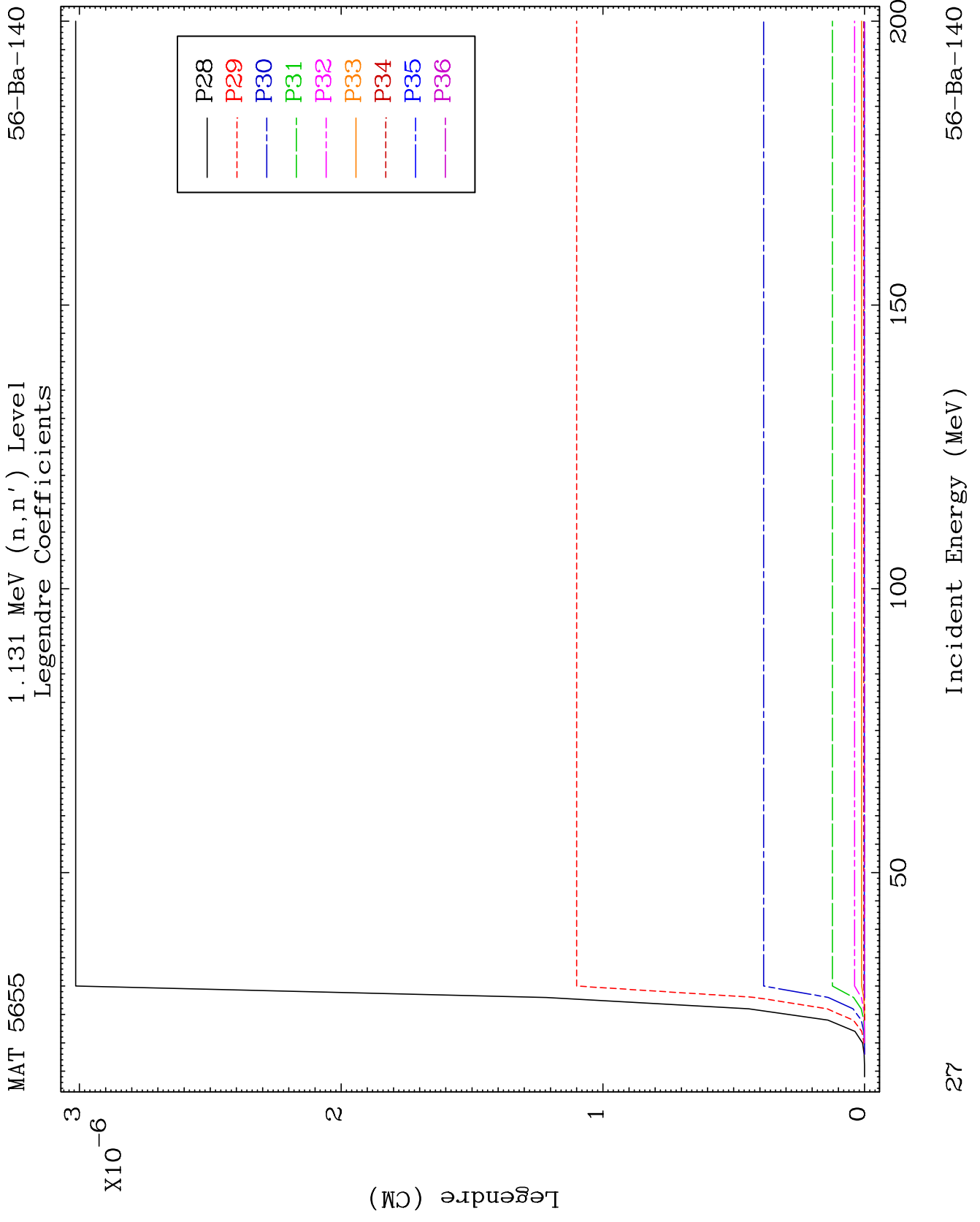


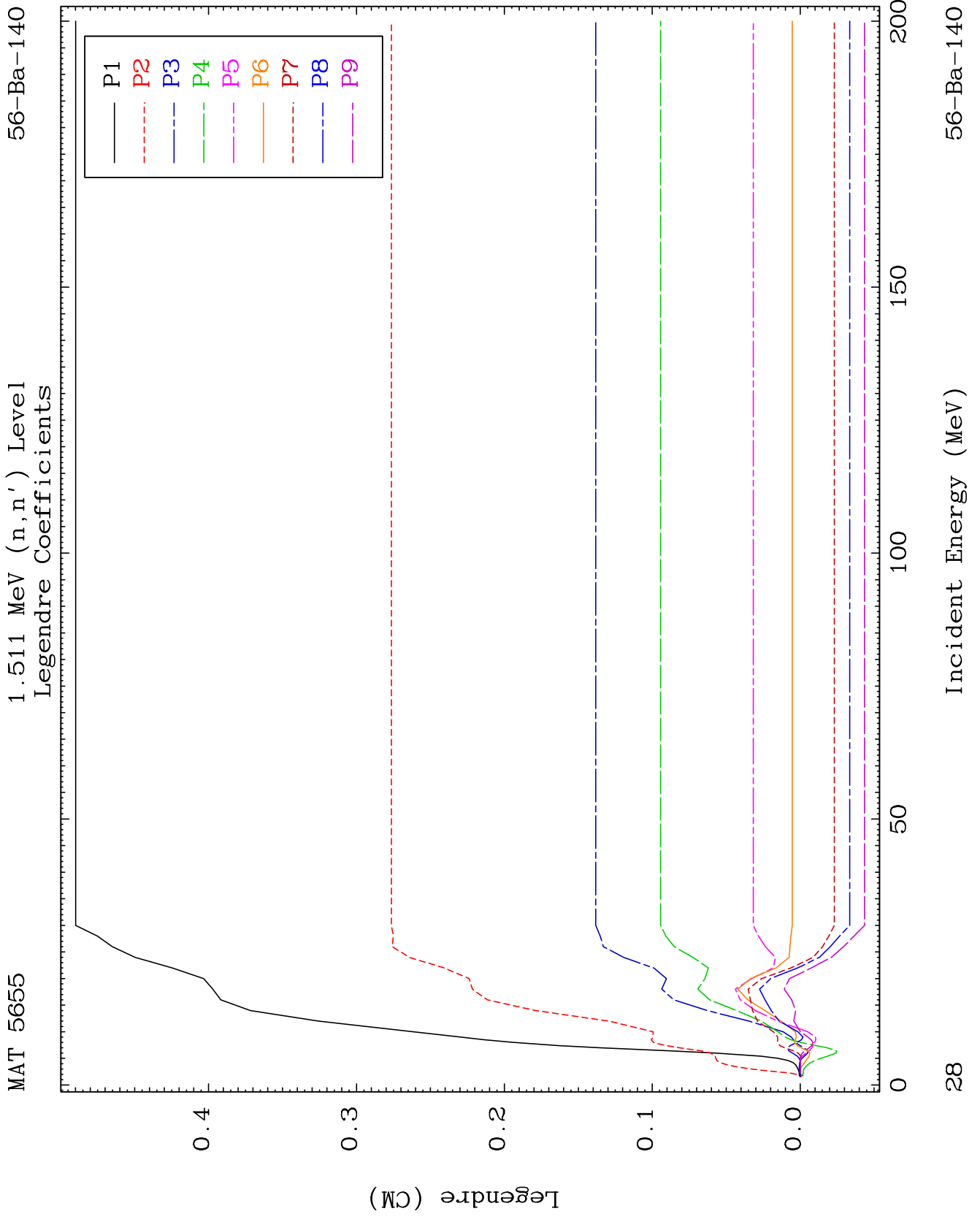








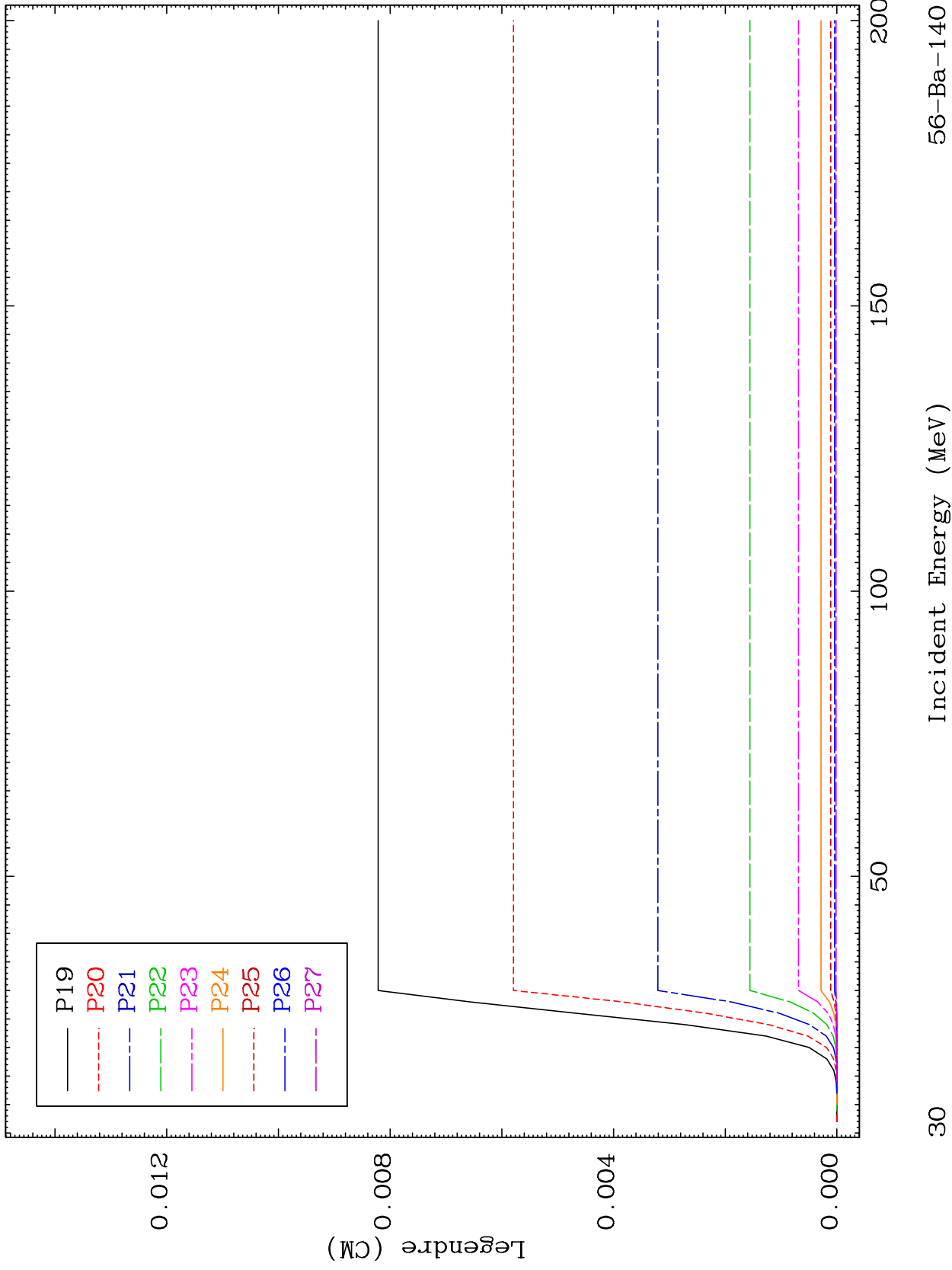




MAT 5655

1.511 MeV (n,n') Level
Legendre Coefficients

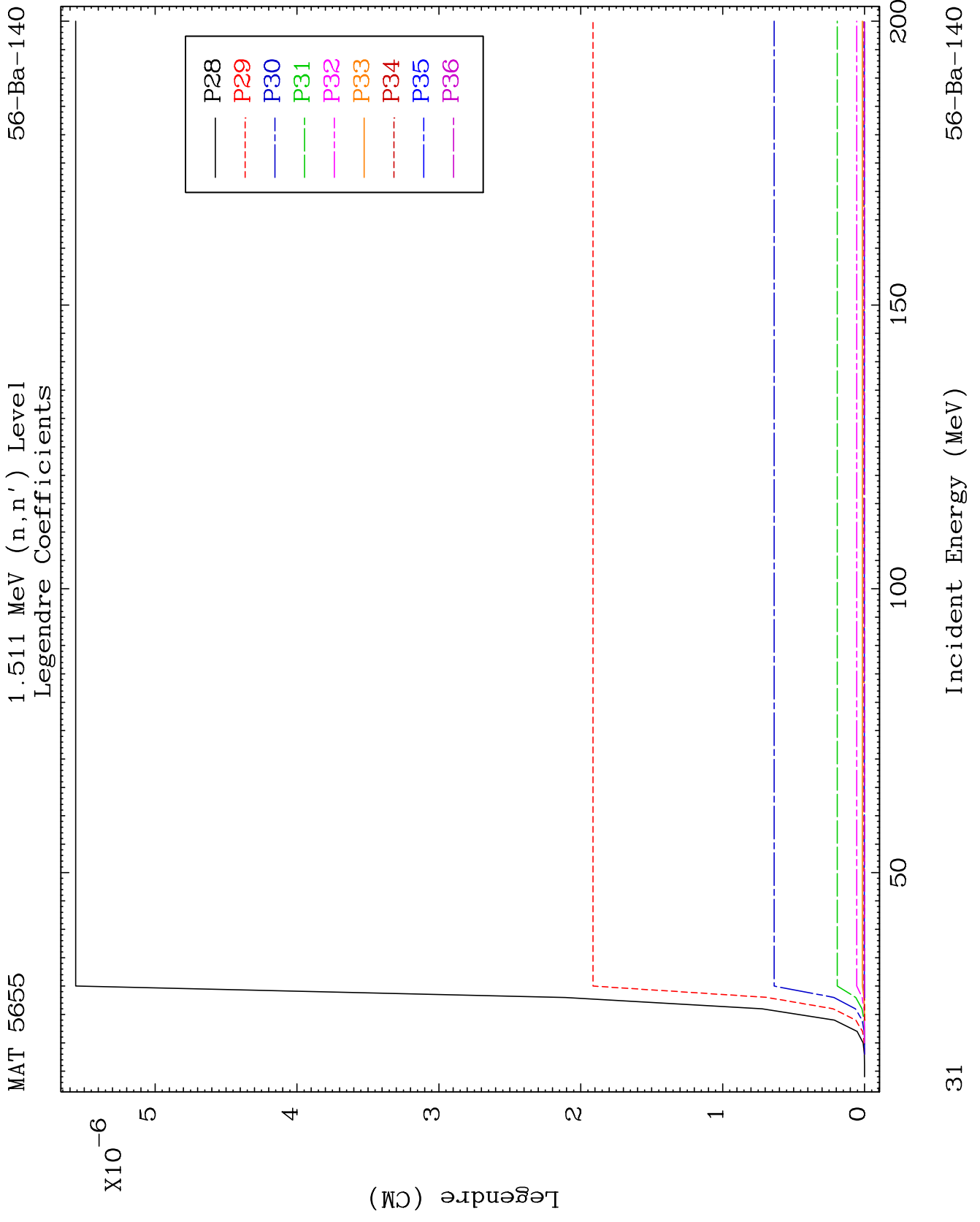
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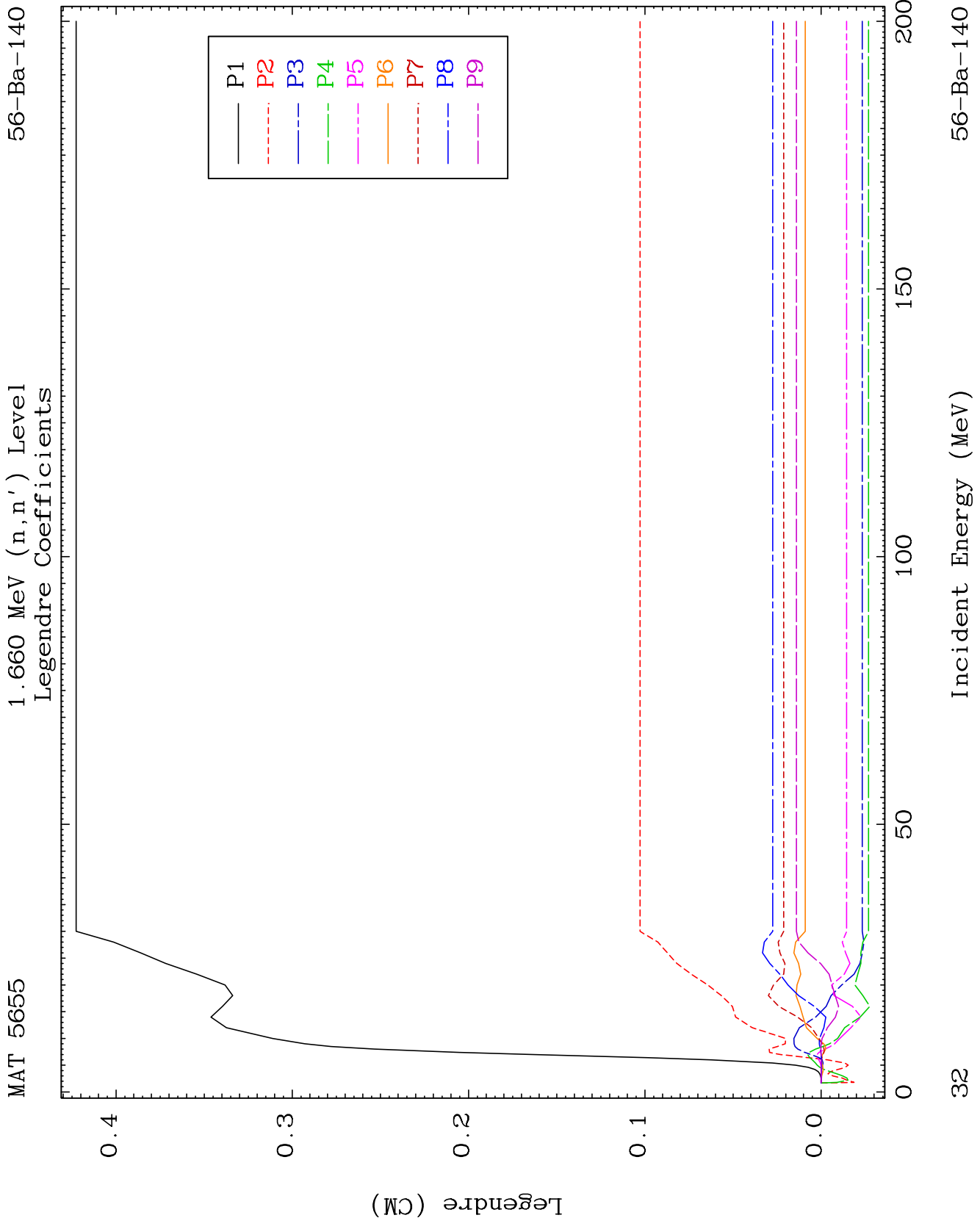


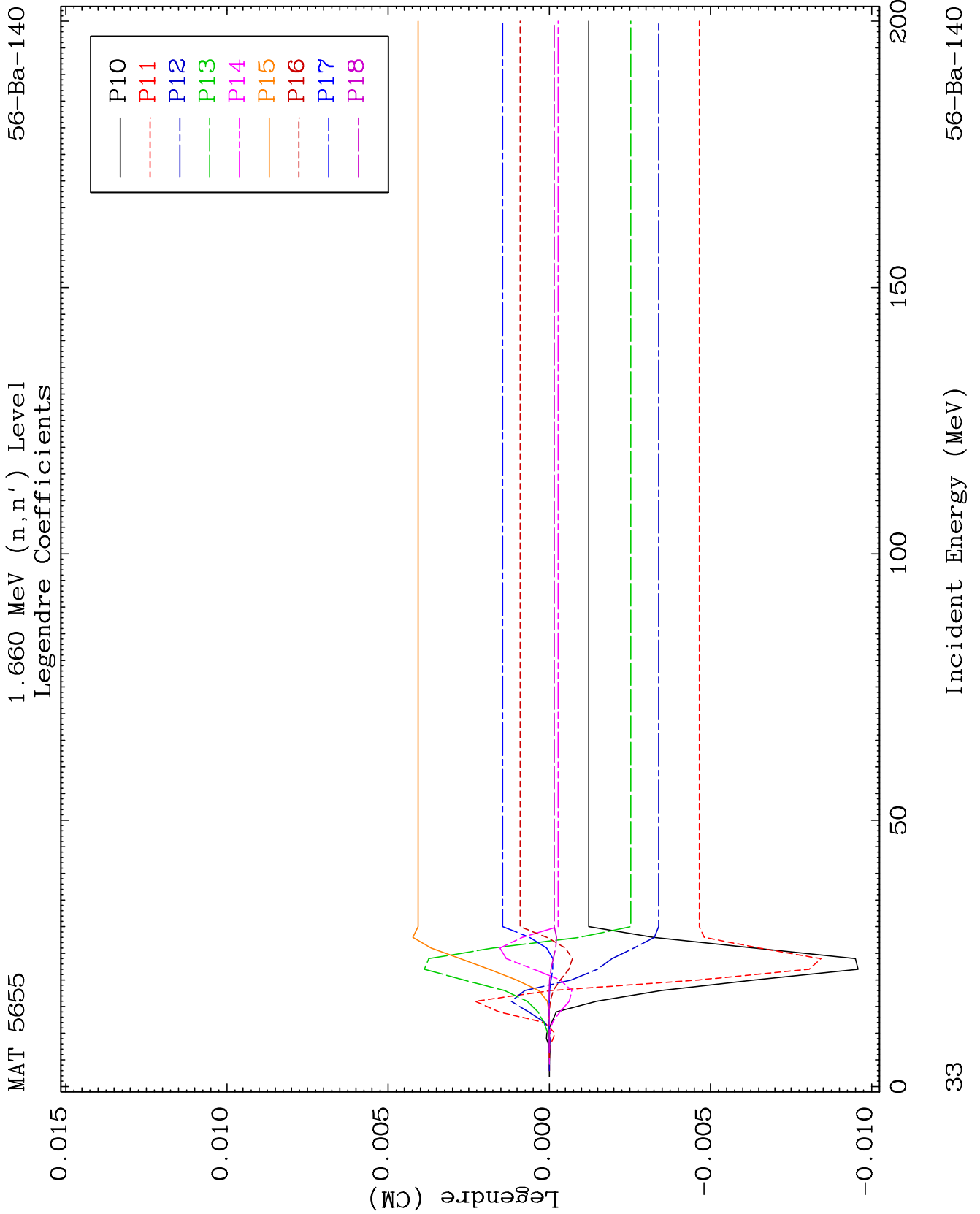
56-Ba-140

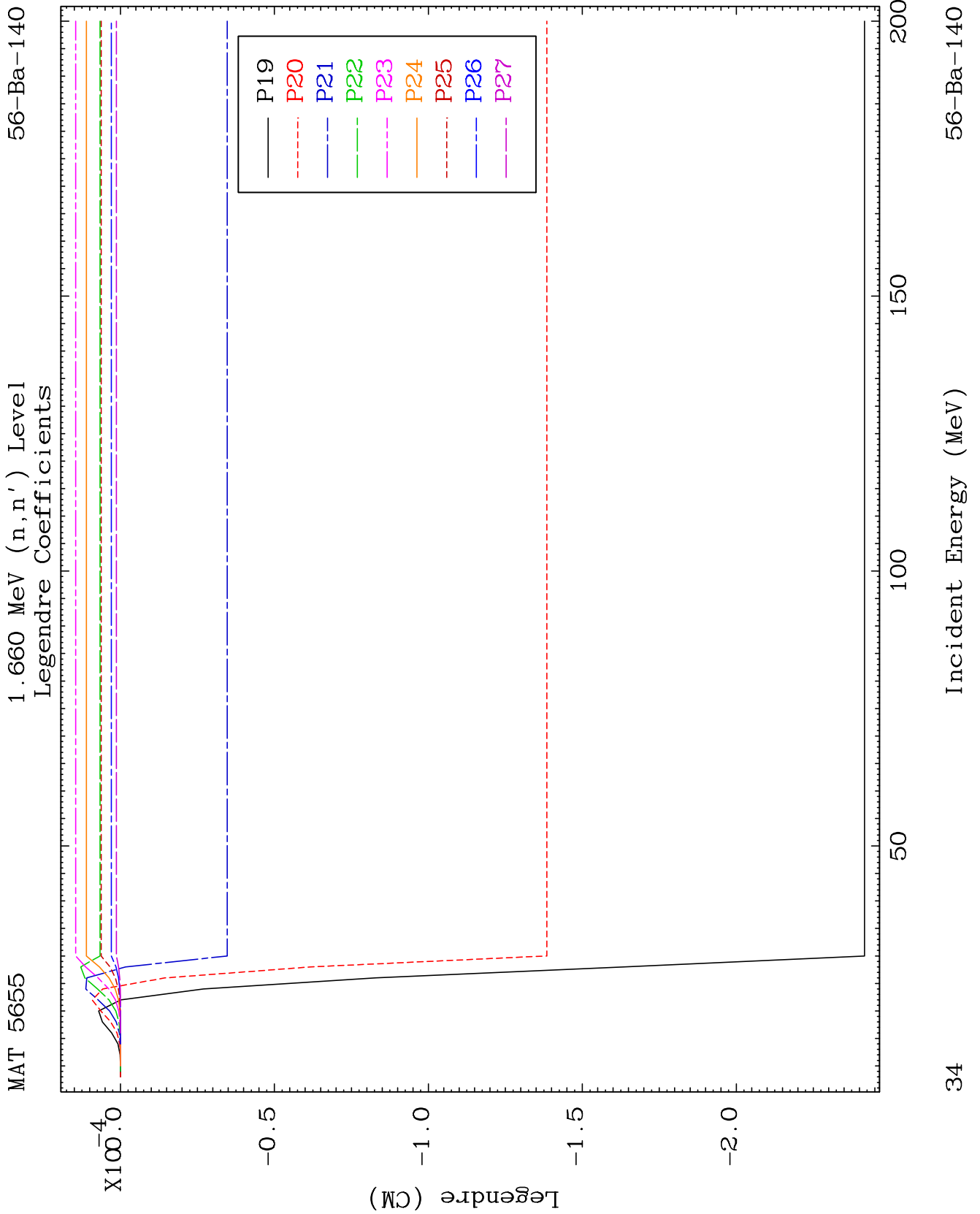
Incident Energy (MeV)

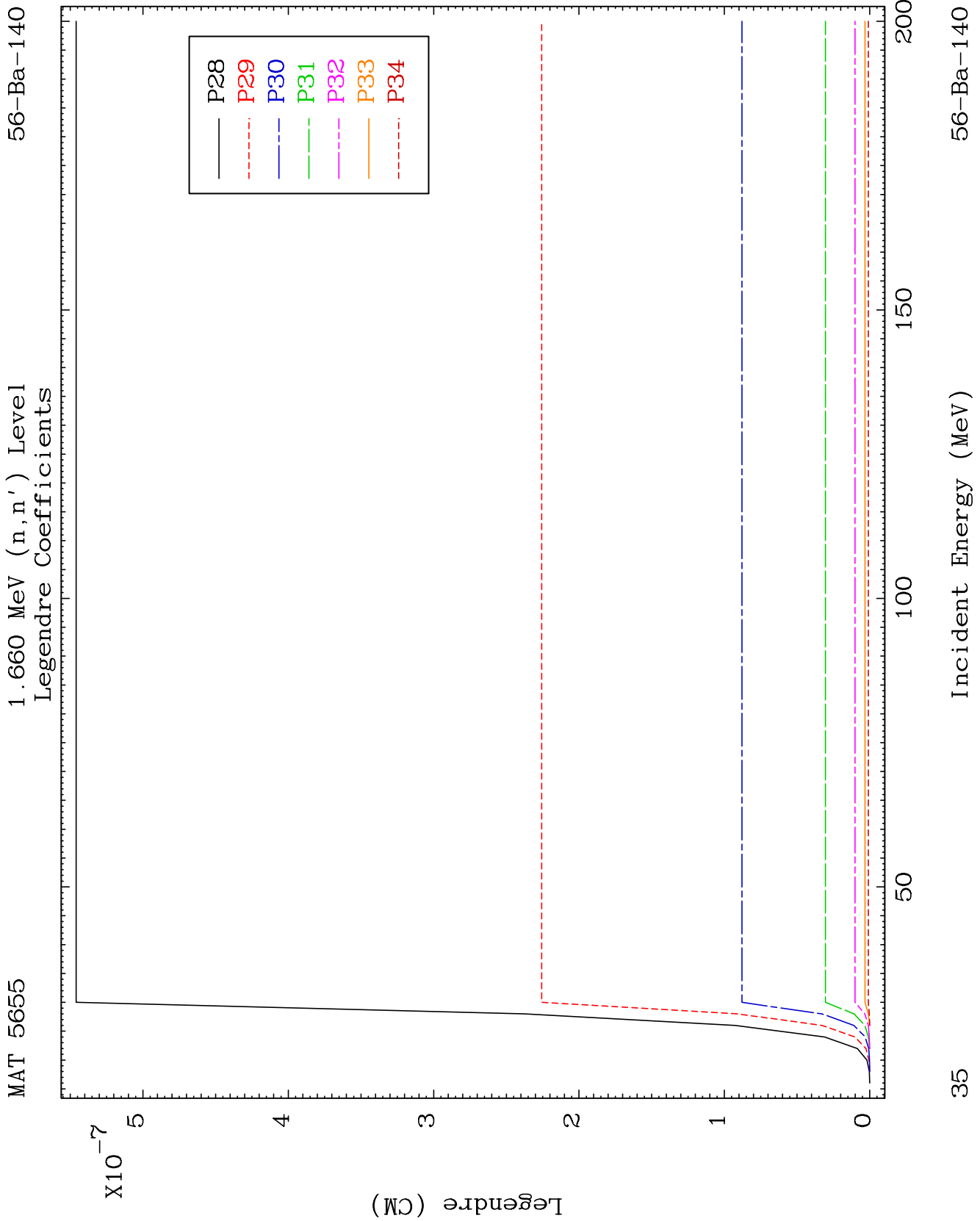
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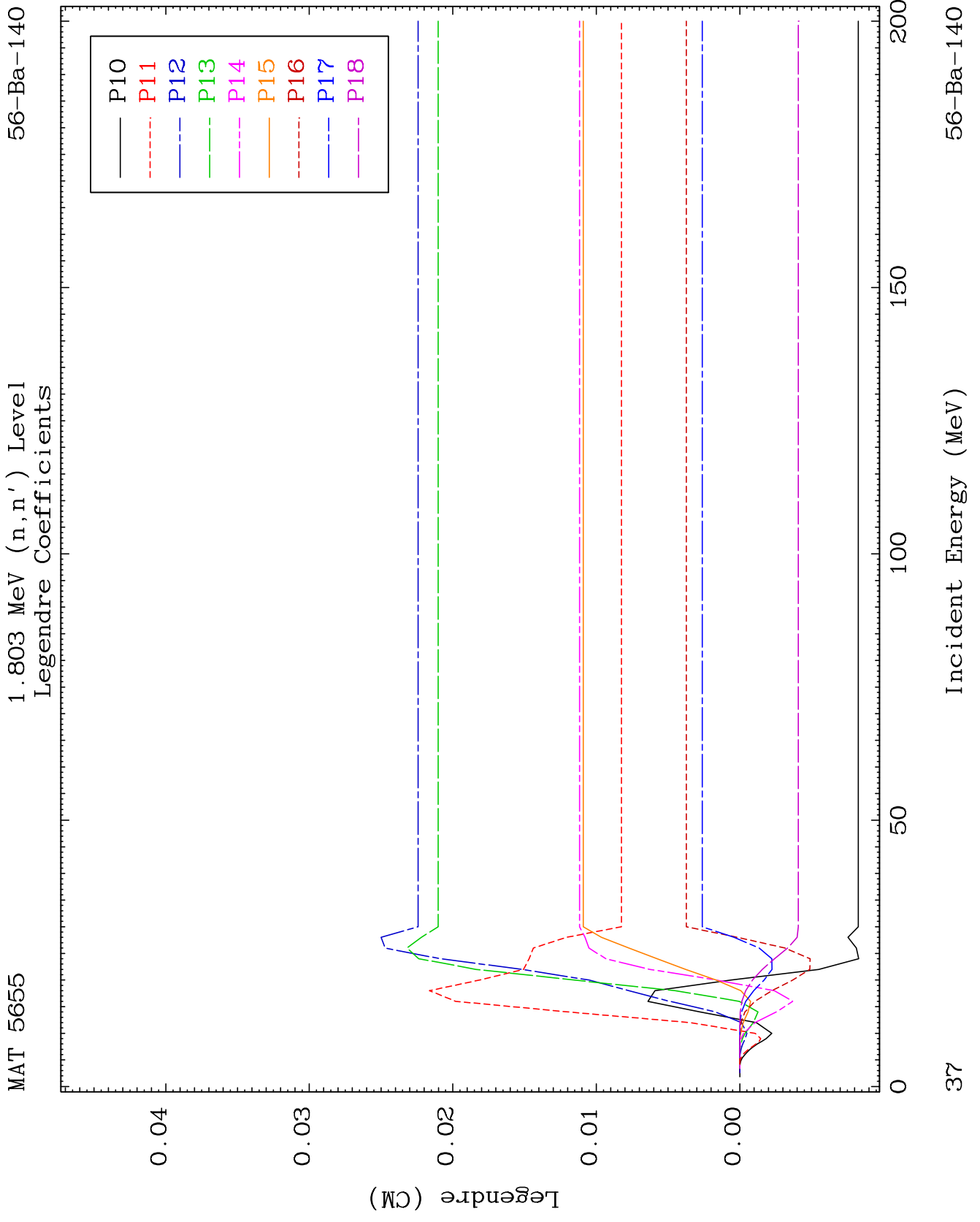


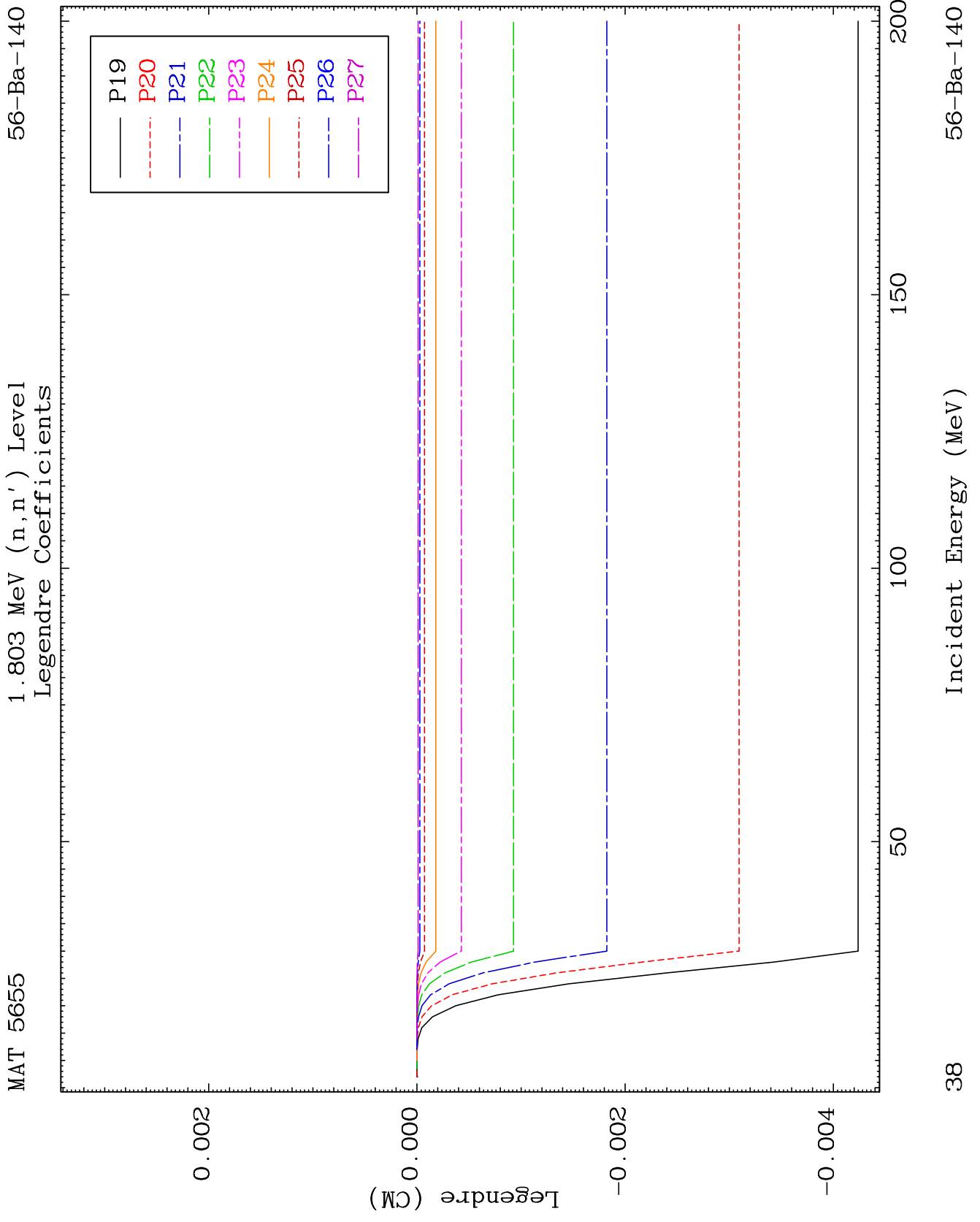


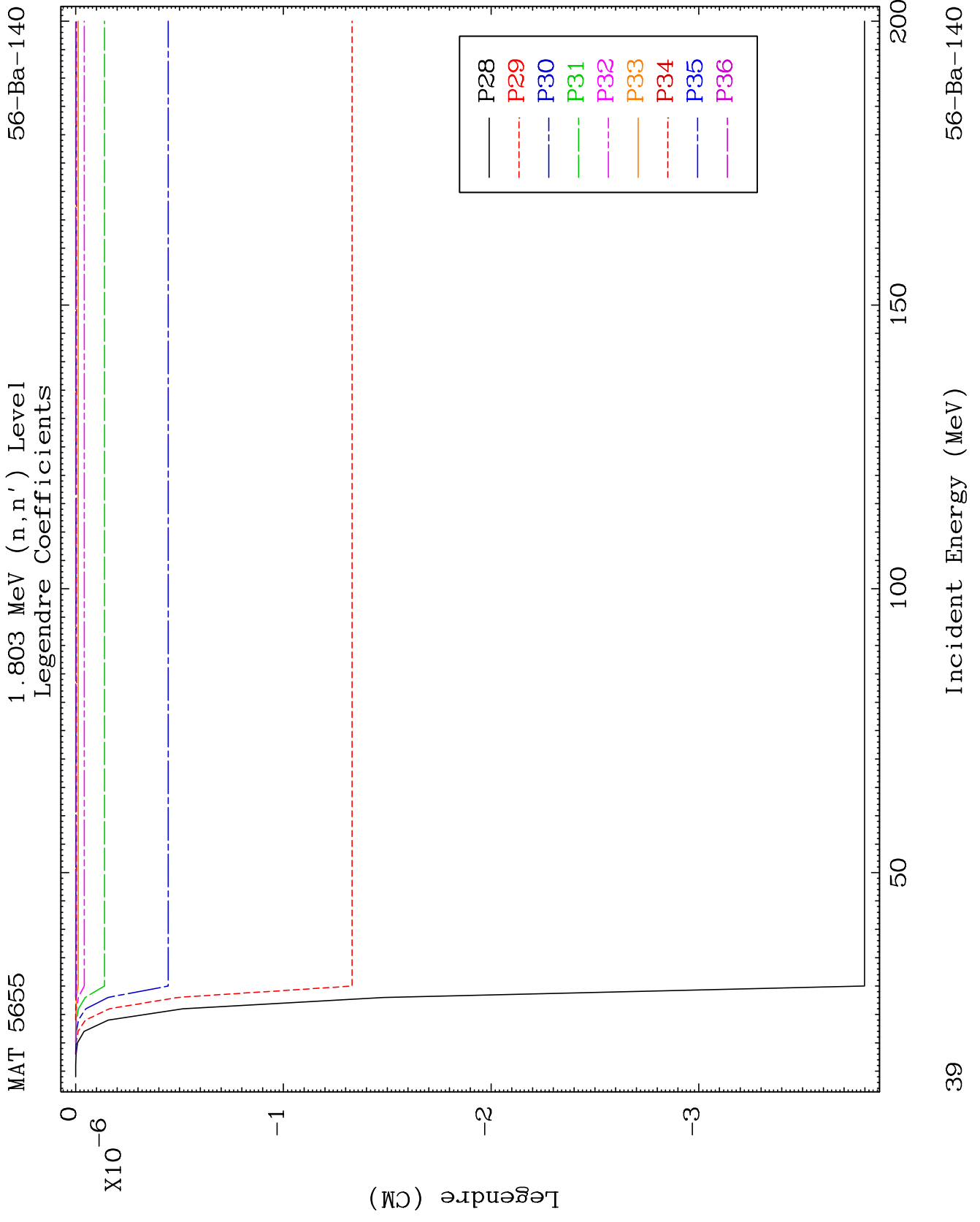


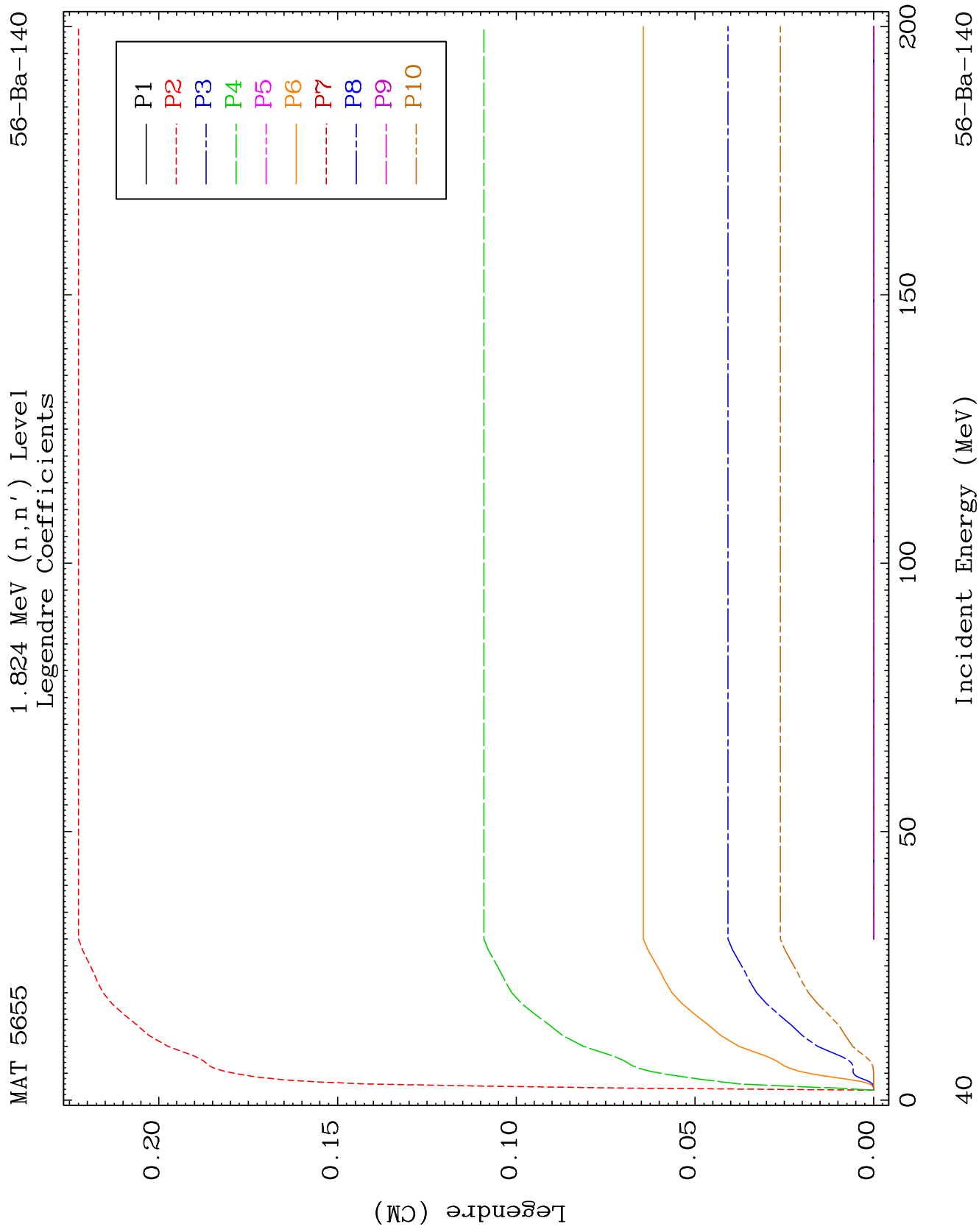


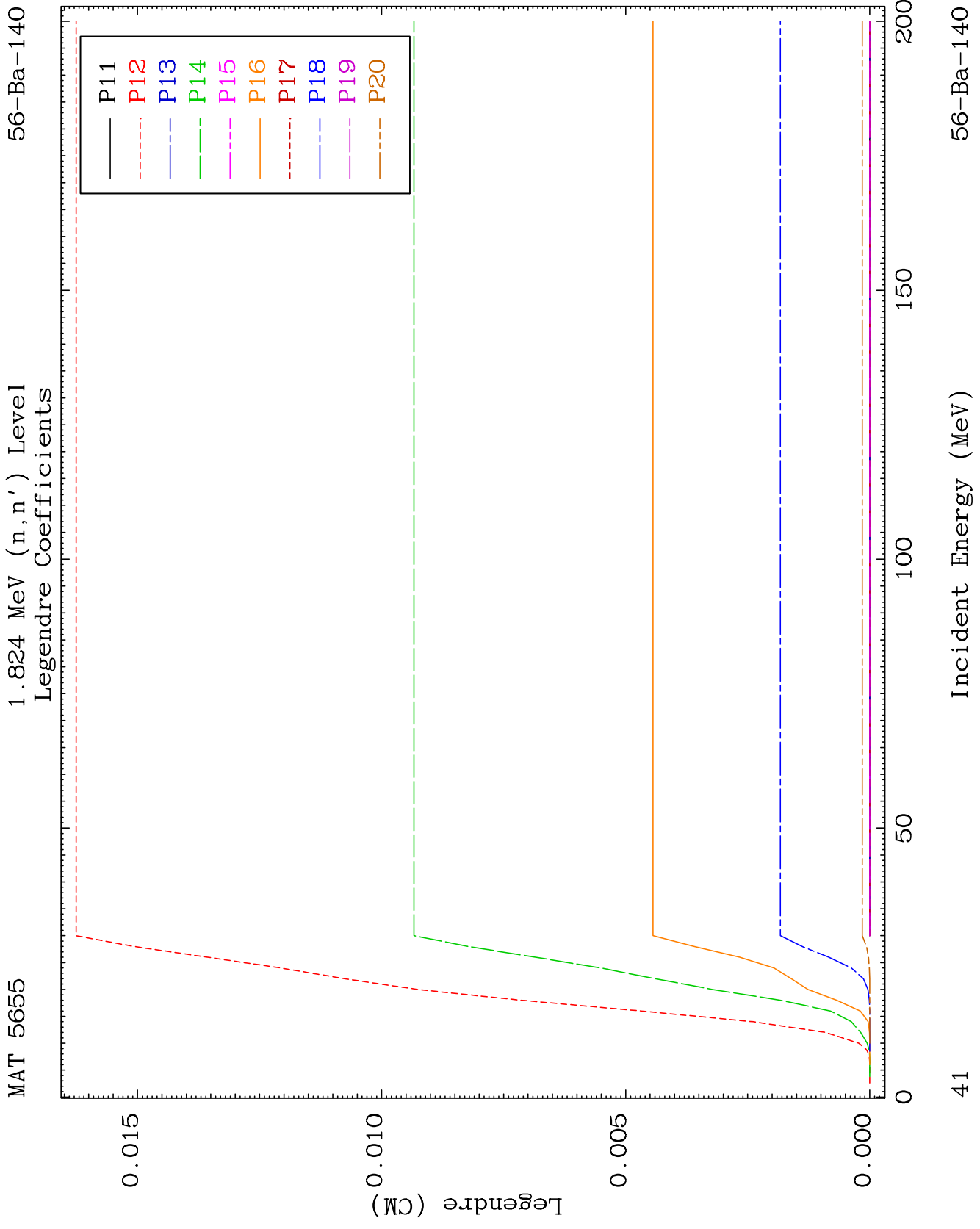


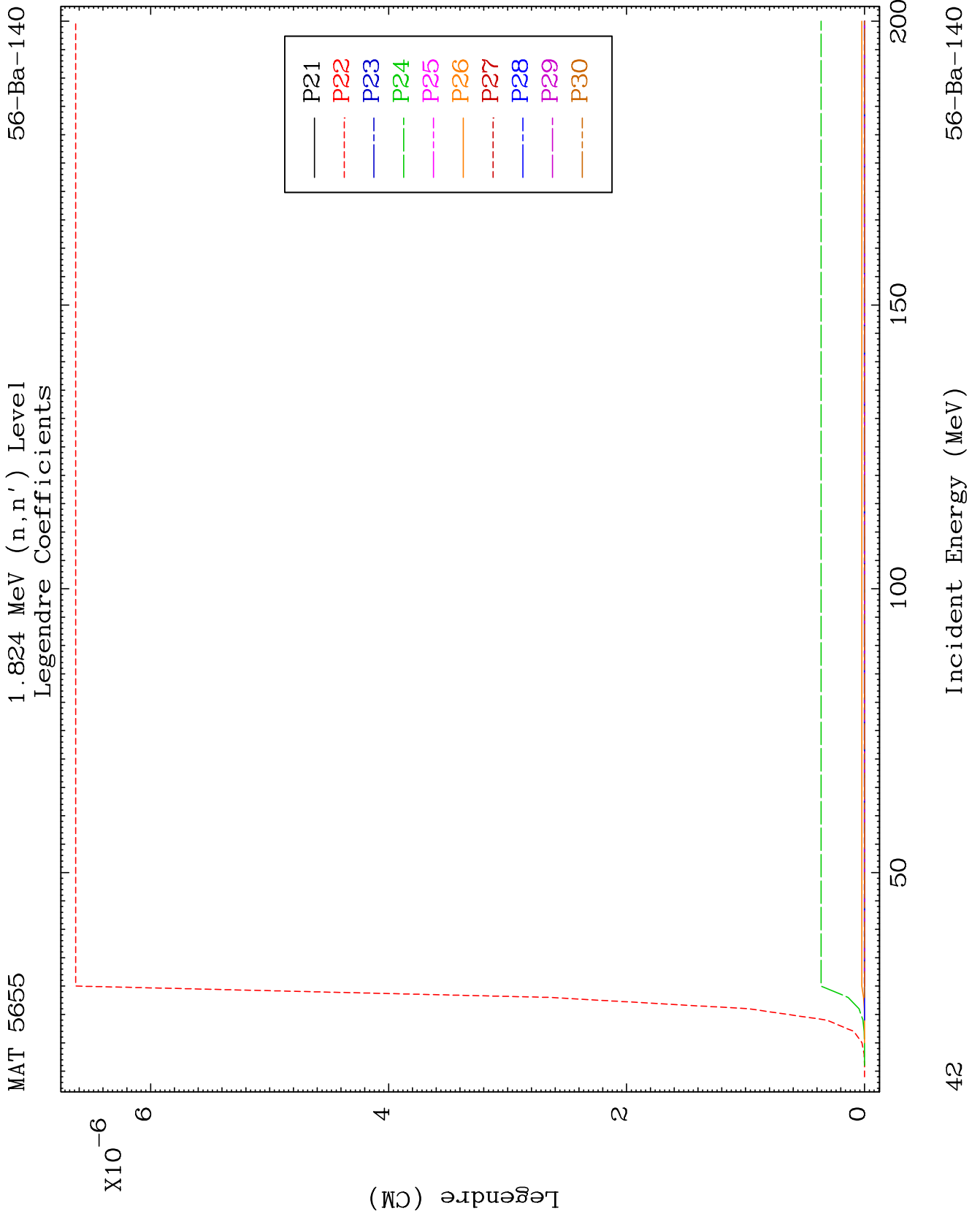


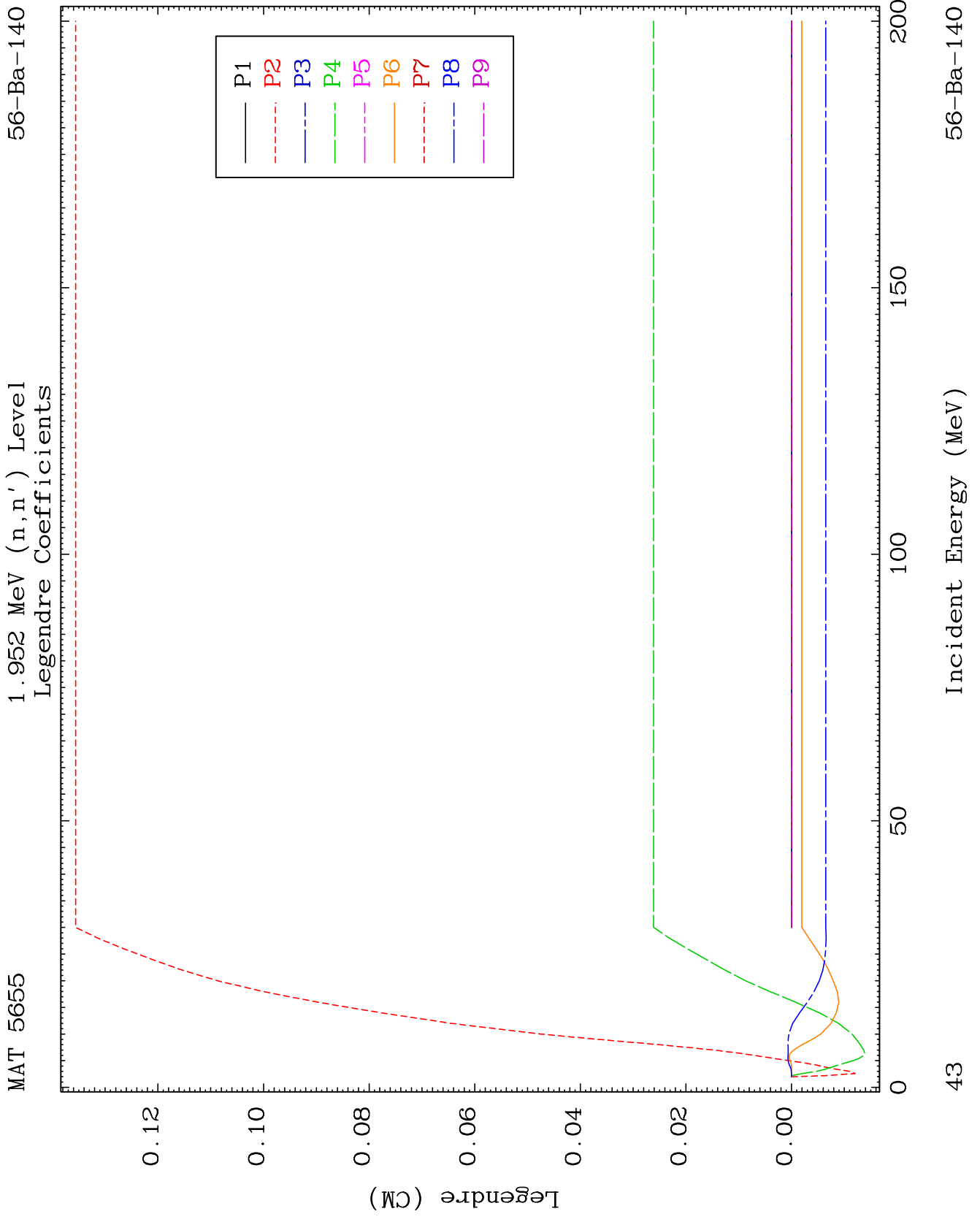


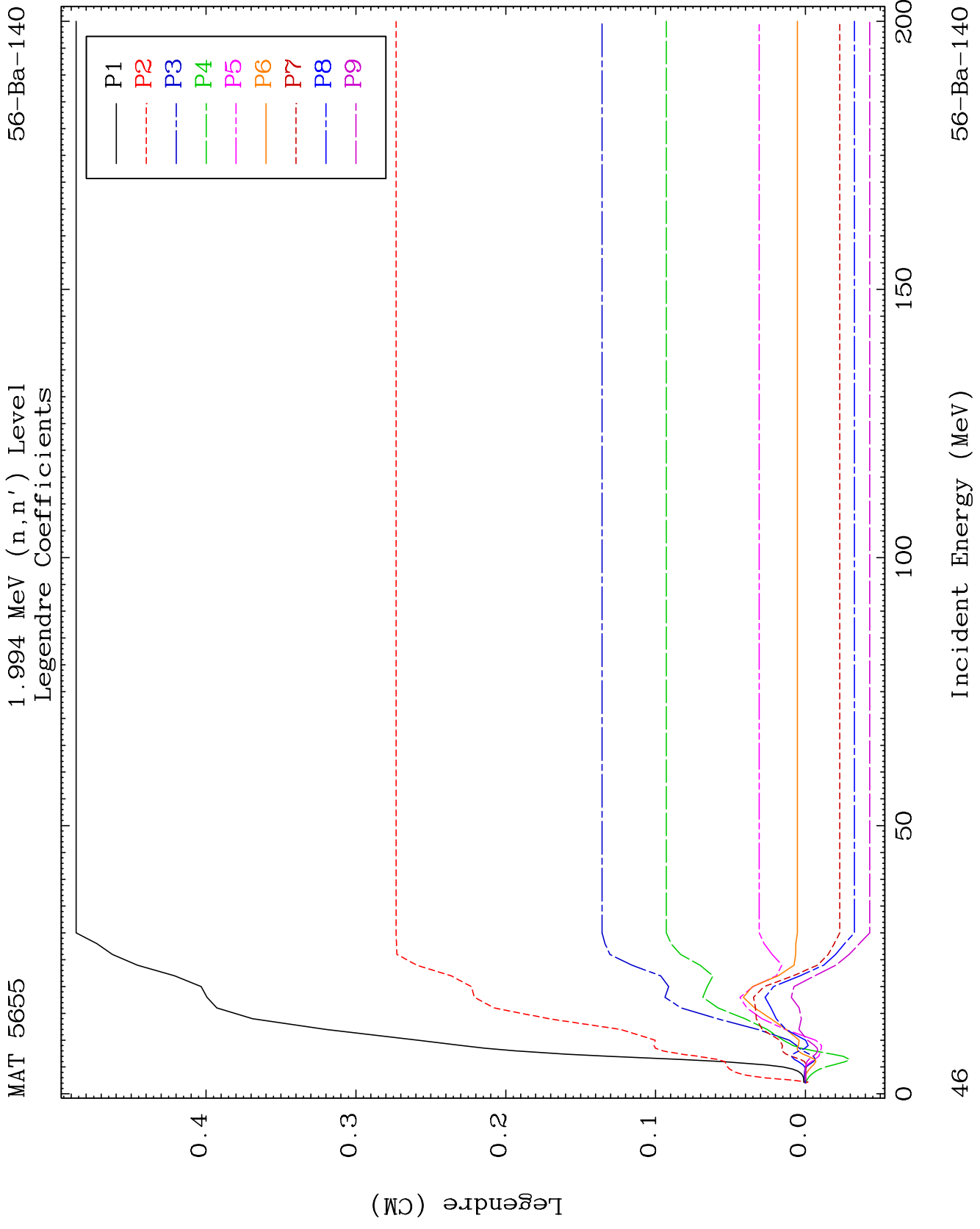


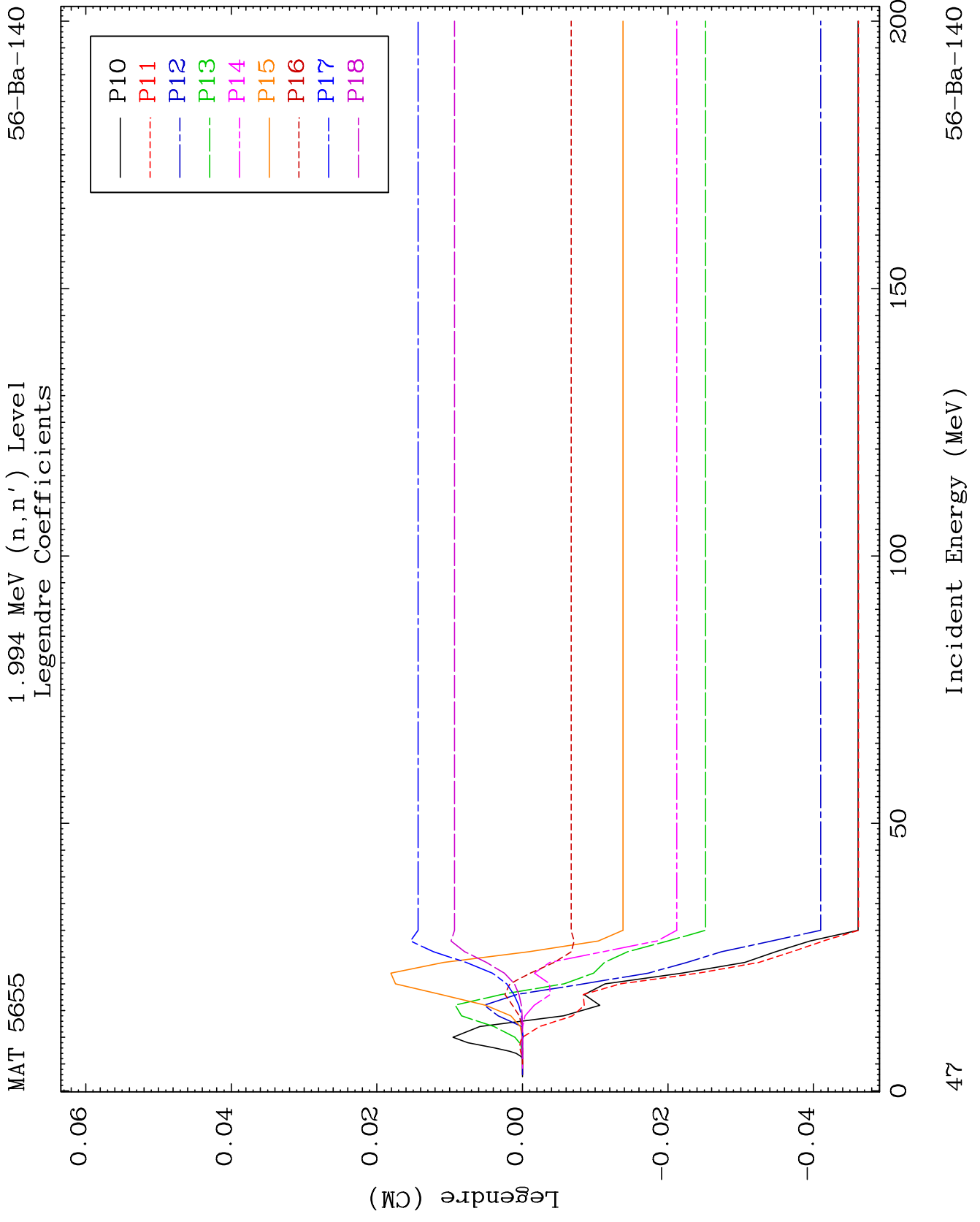








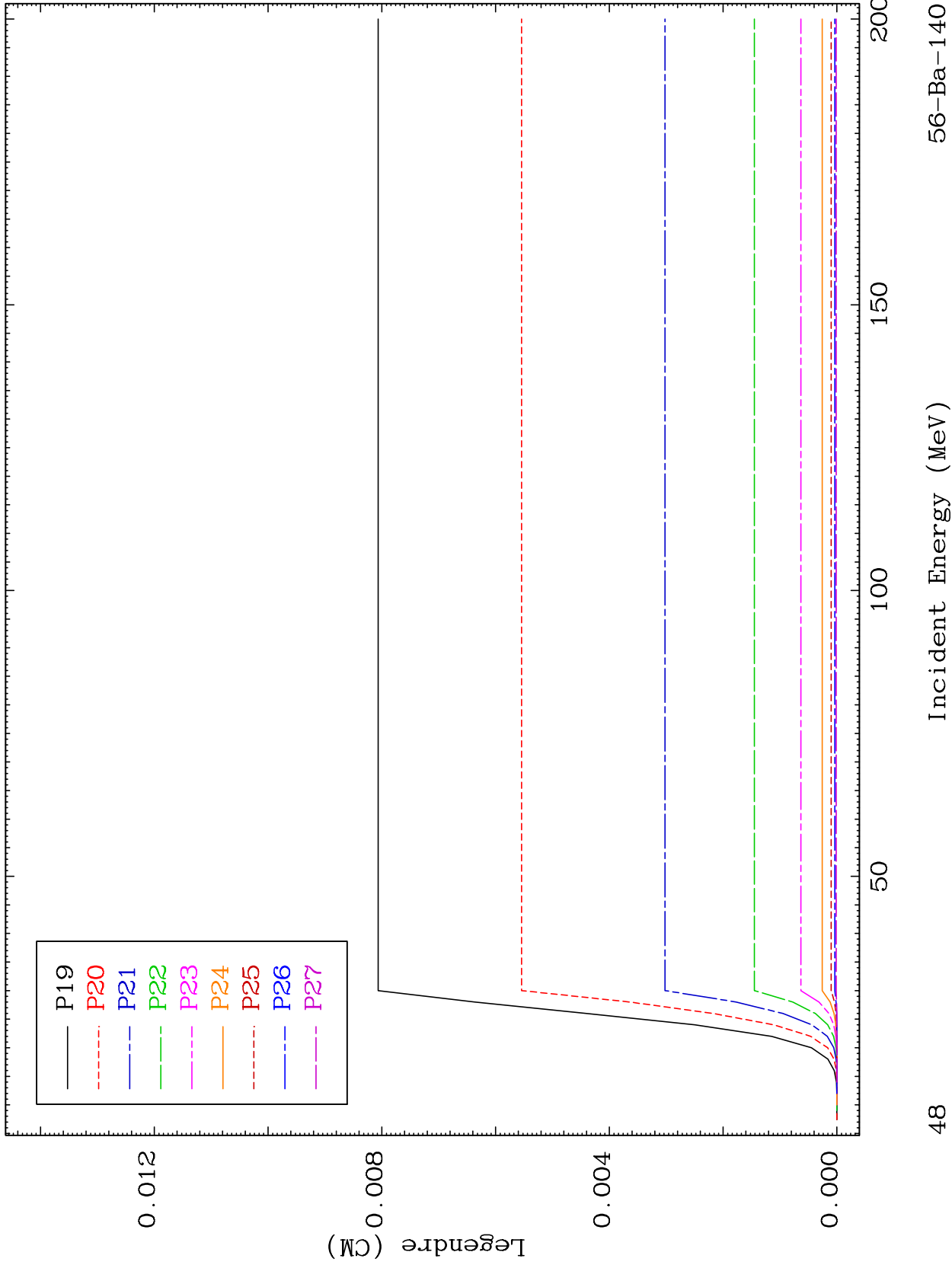




MAT 5655

1.994 MeV (n,n') Level
Legendre Coefficients

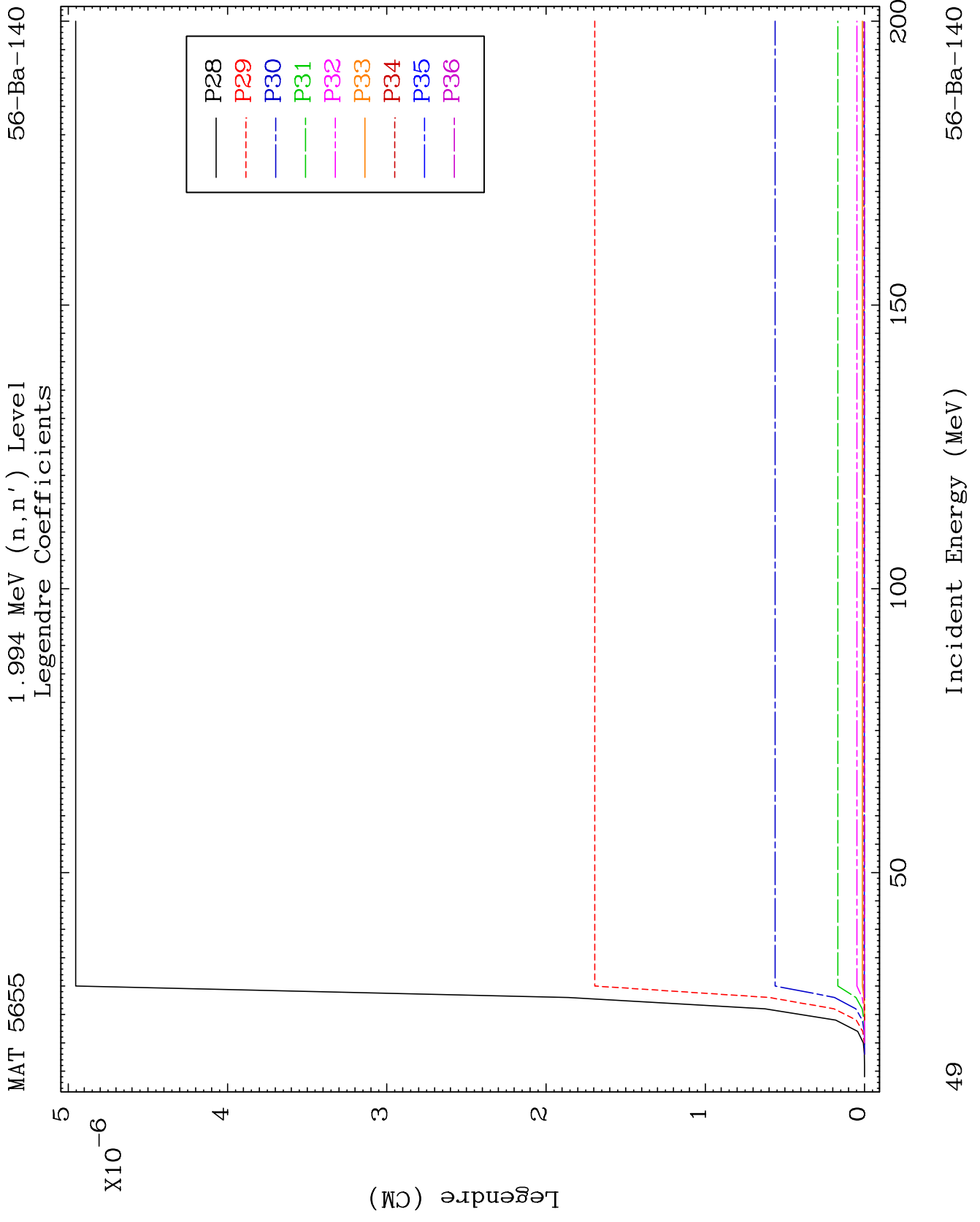
56-Ba-140

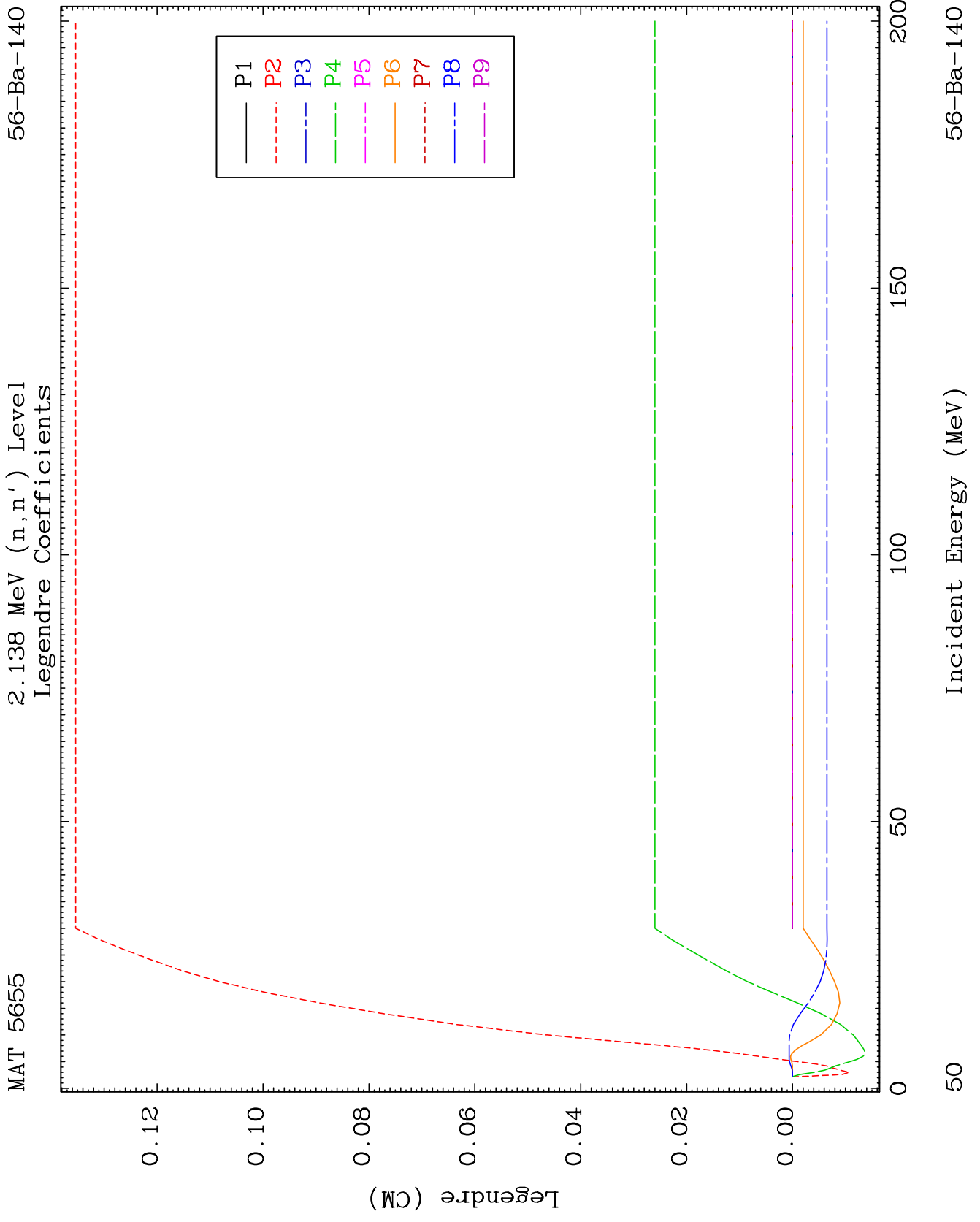


48

Incident Energy (MeV)

56-Ba-140

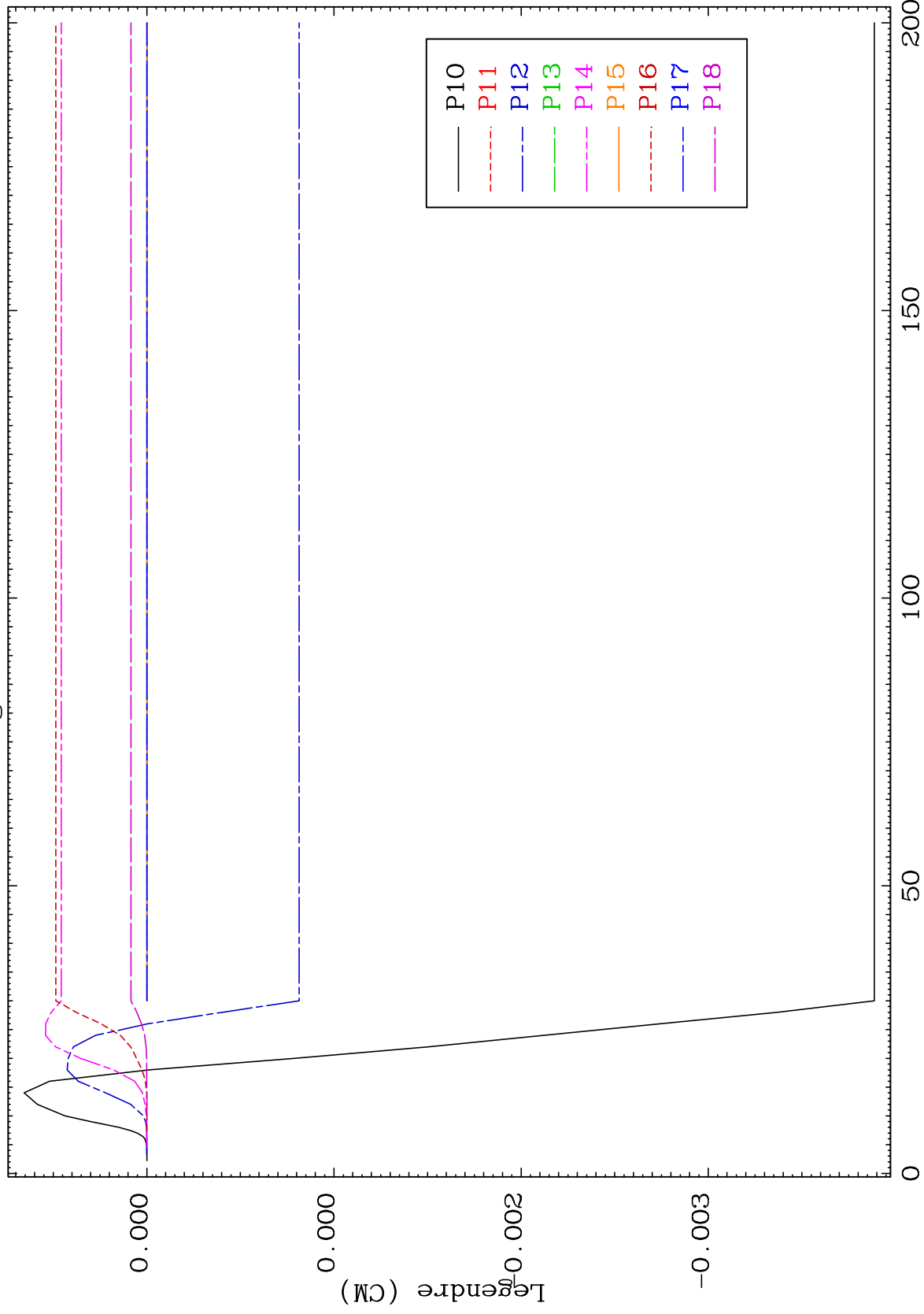




MAT 5655

2.138 MeV (n,n') Level
Legendre Coefficients

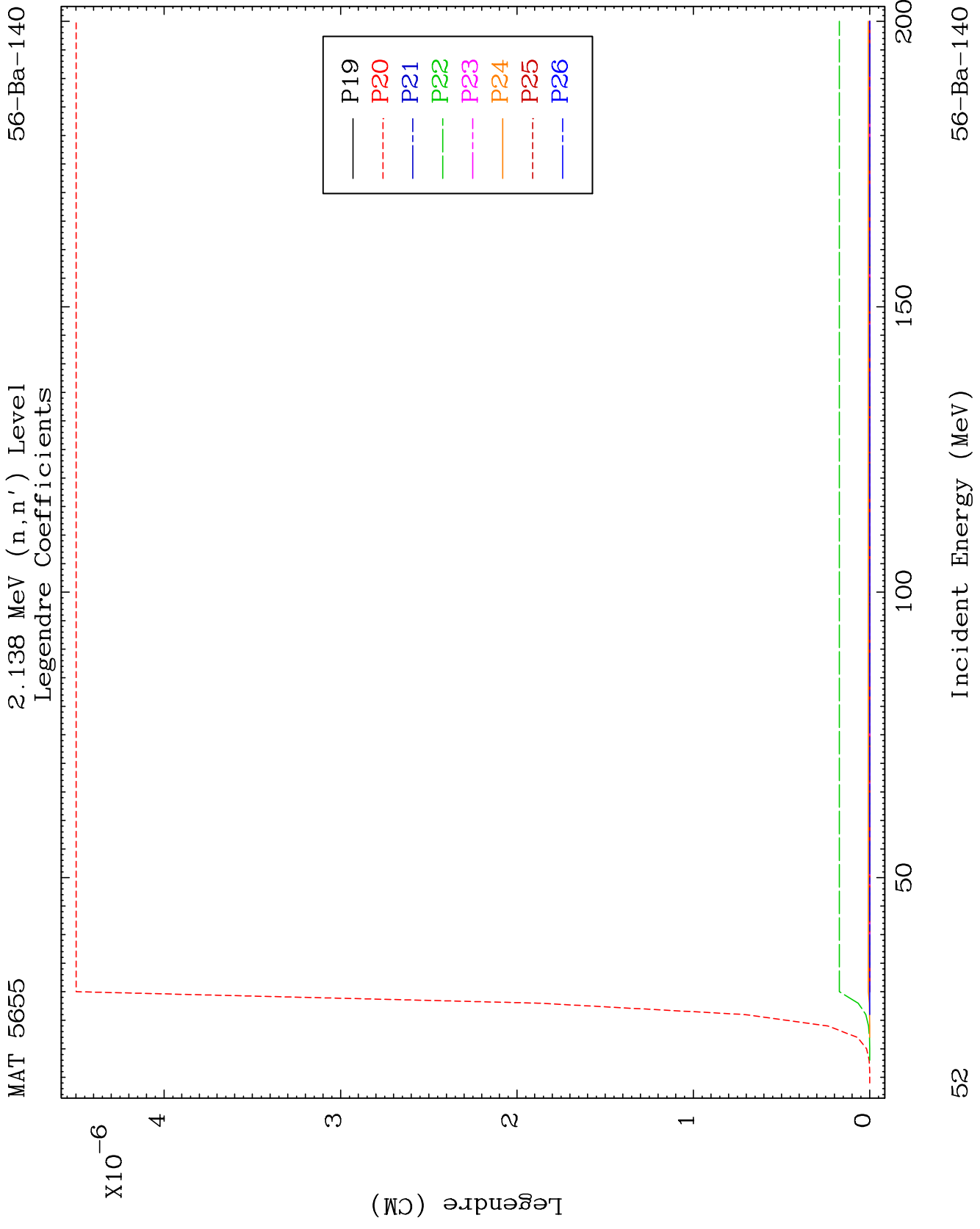
56-Ba-140



51

Incident Energy (MeV)

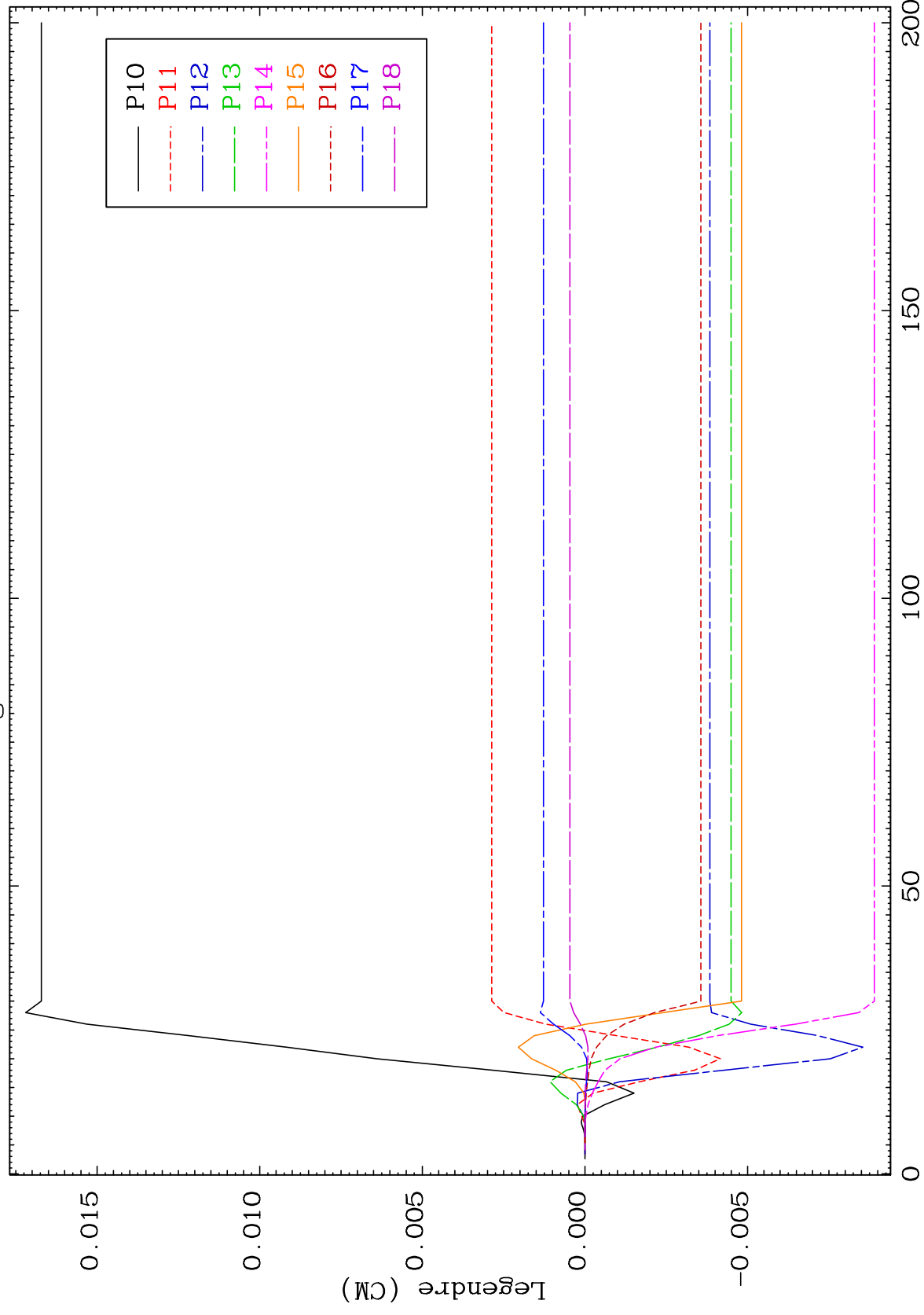
56-Ba-140



MAT 5655

2.152 MeV (n, n') Level
Legendre Coefficients

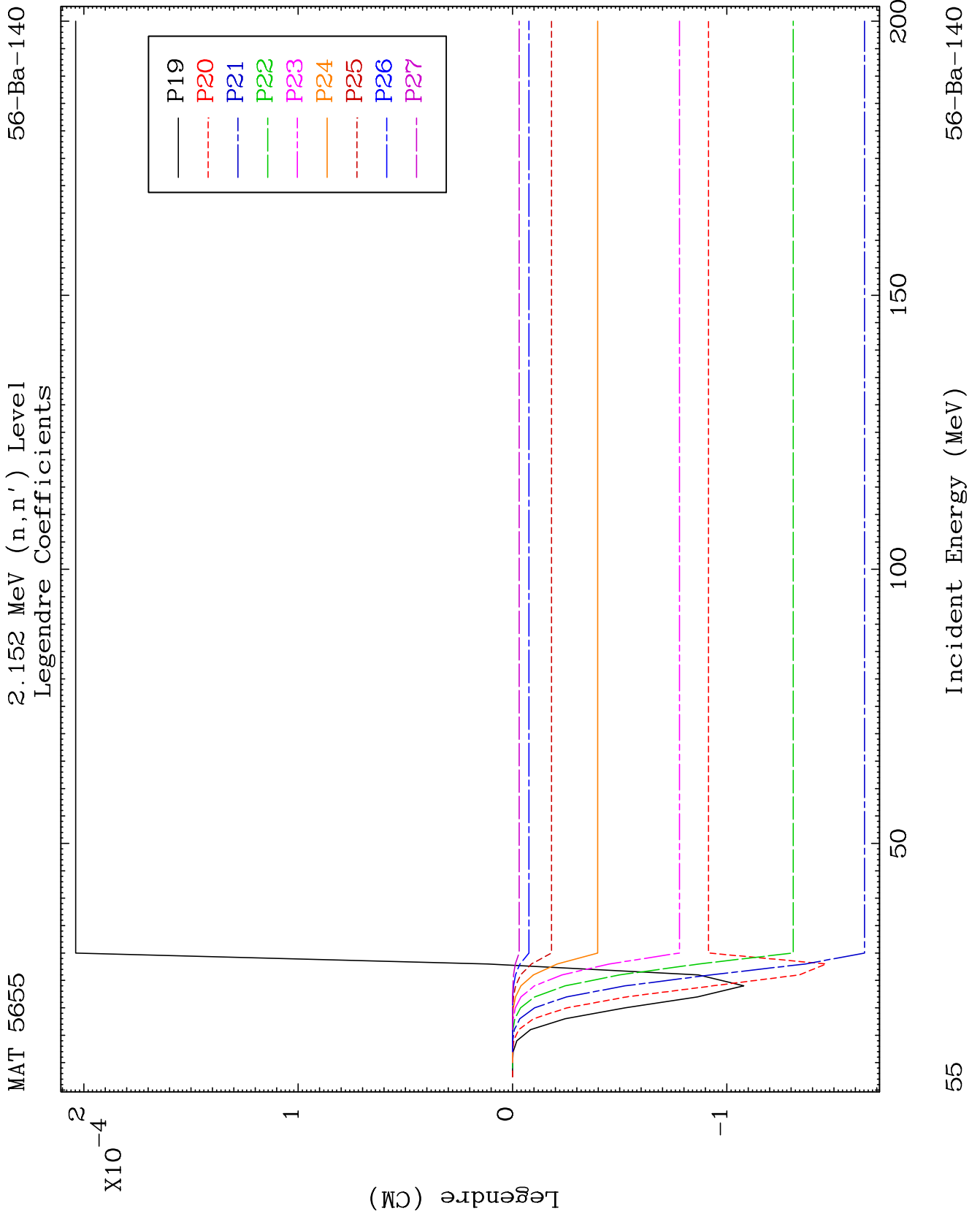
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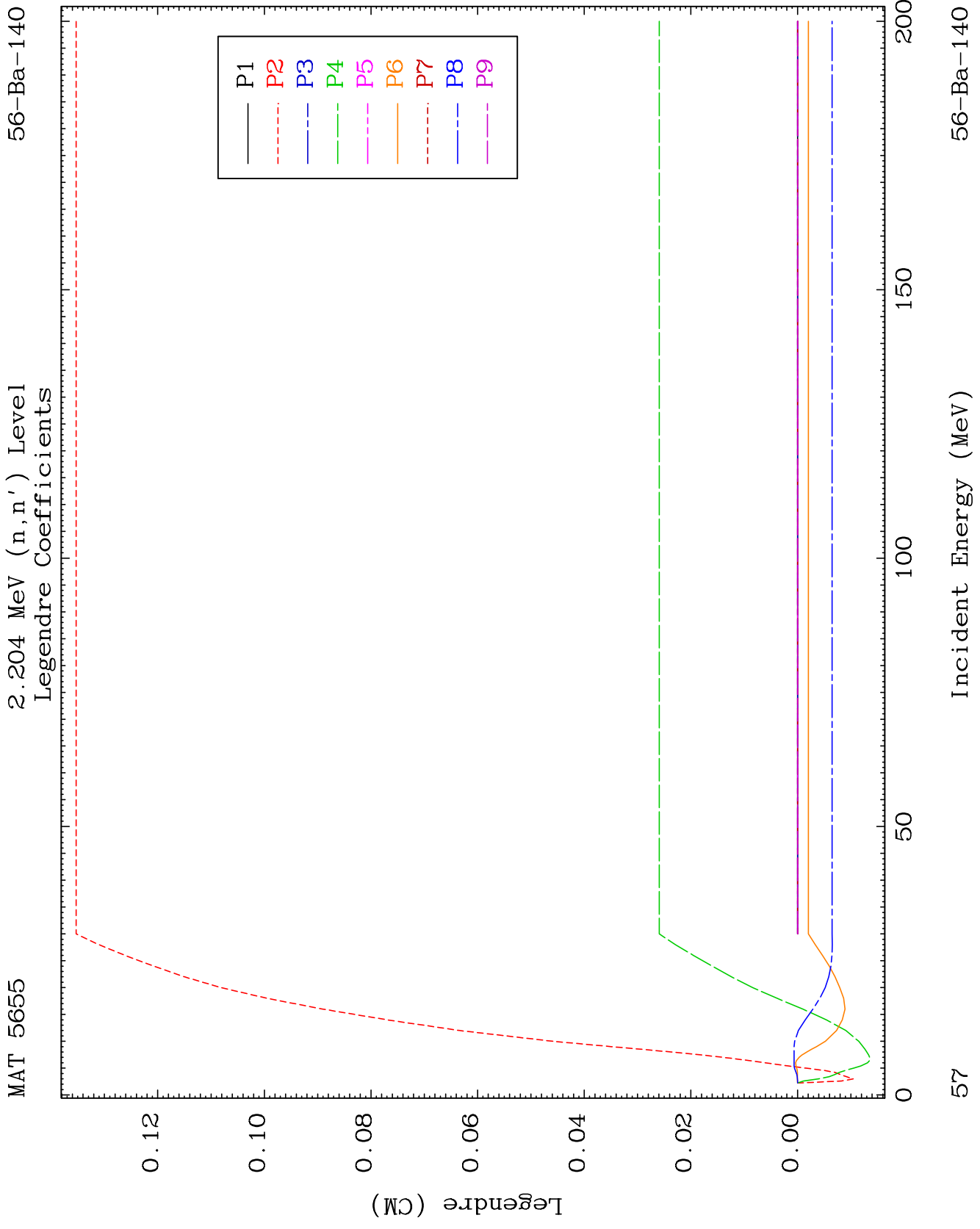


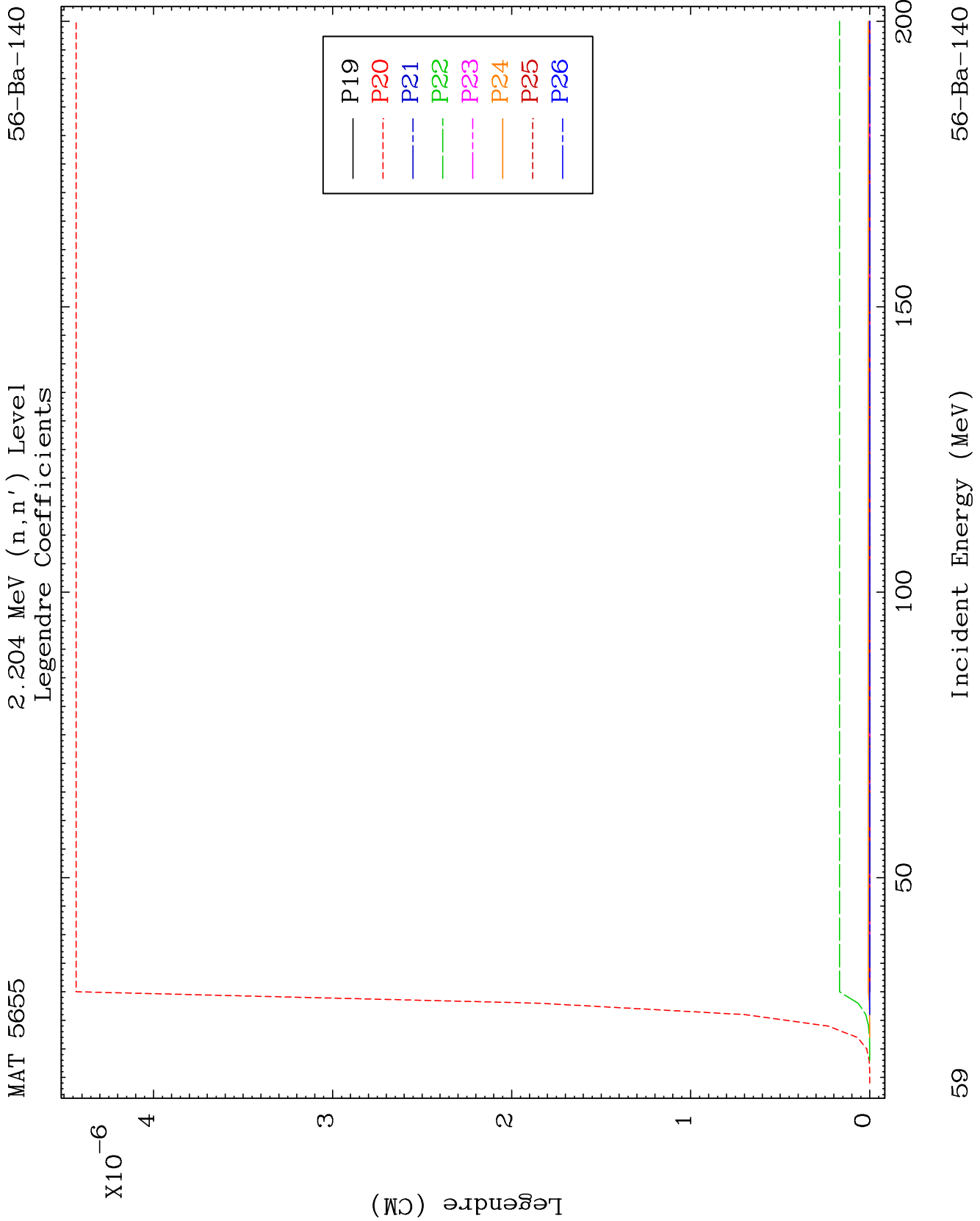
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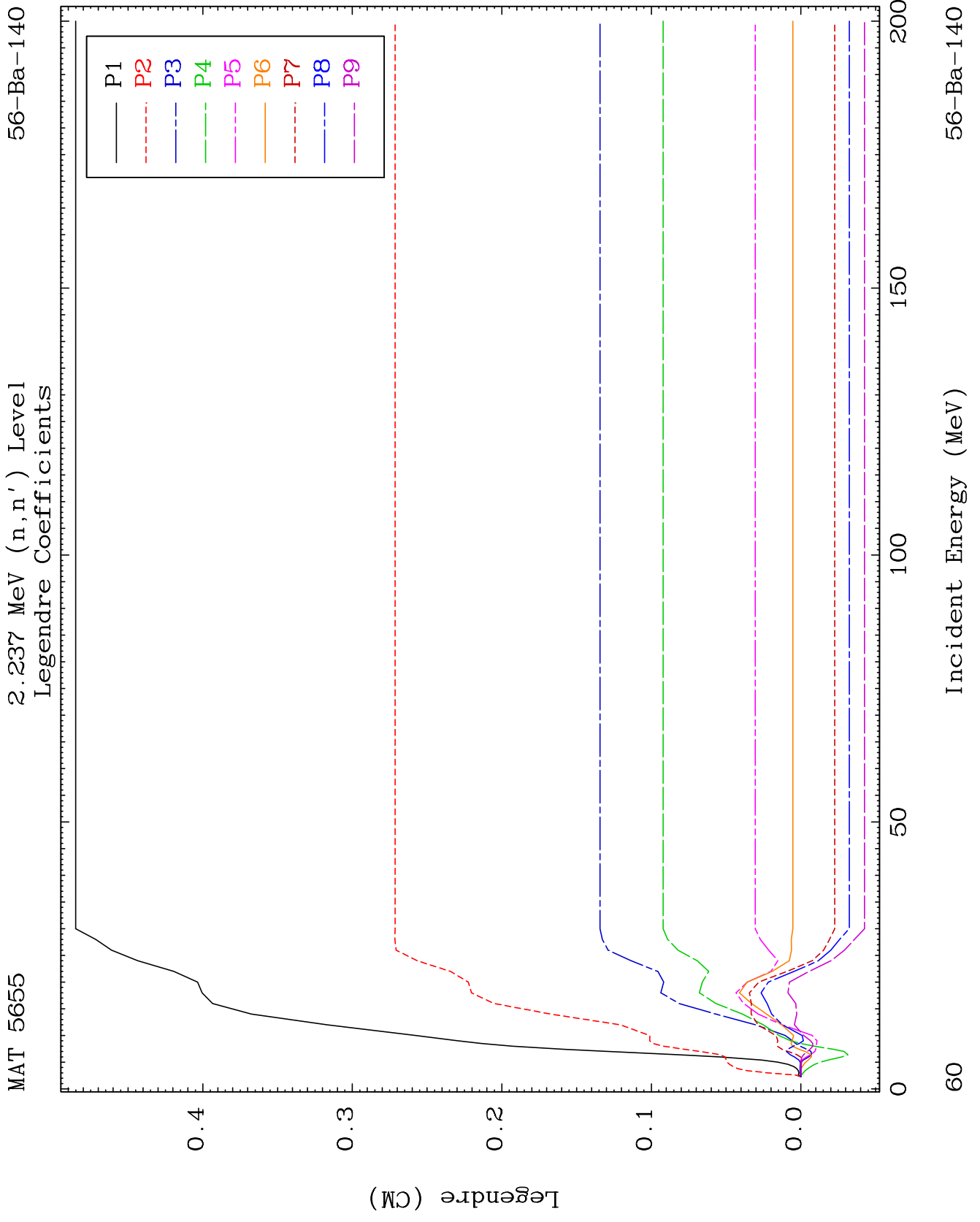
Incident Energy (MeV)

56-Ba-140





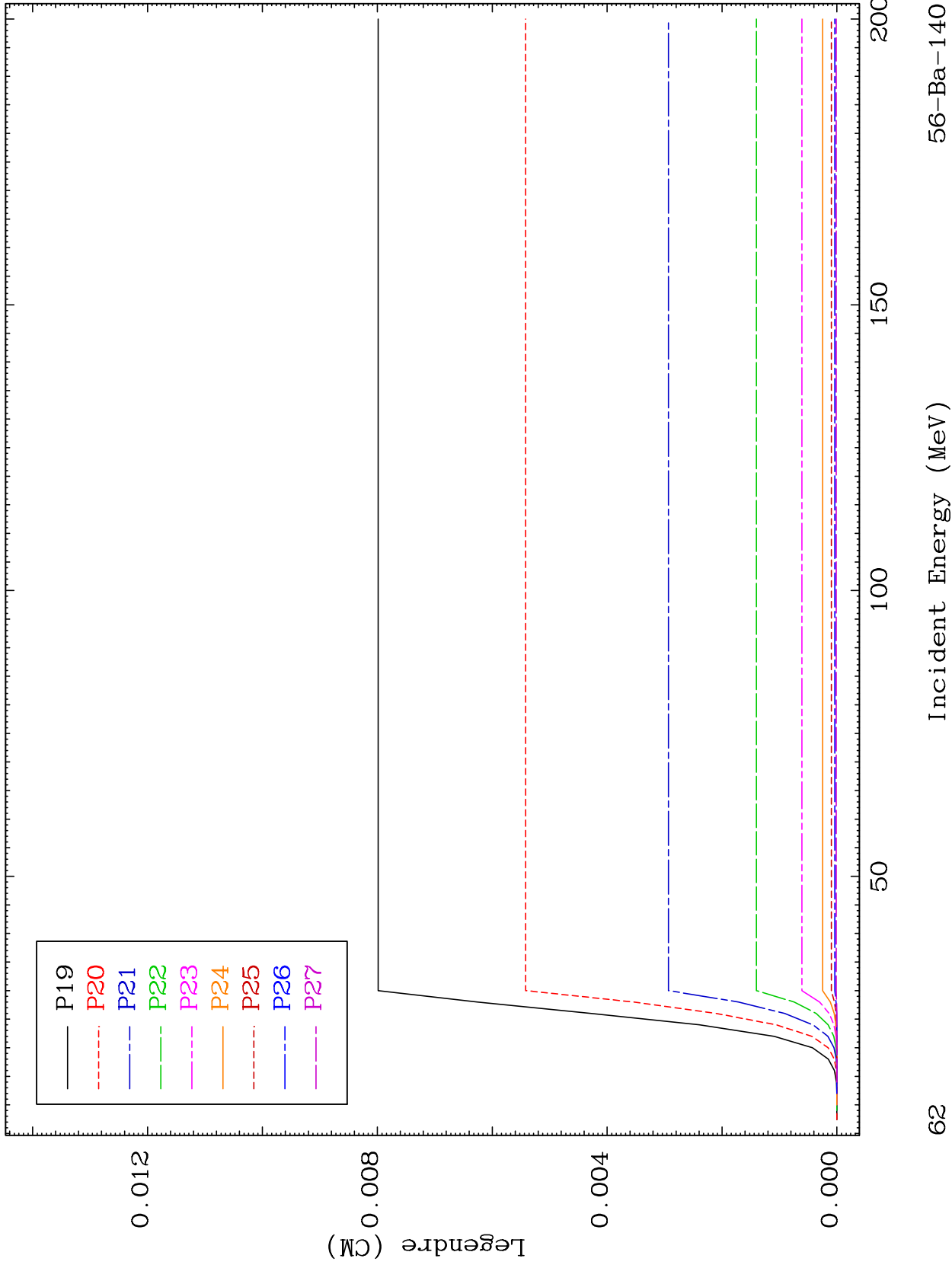




MAT 5655

2.237 MeV (n,n') Level
Legendre Coefficients

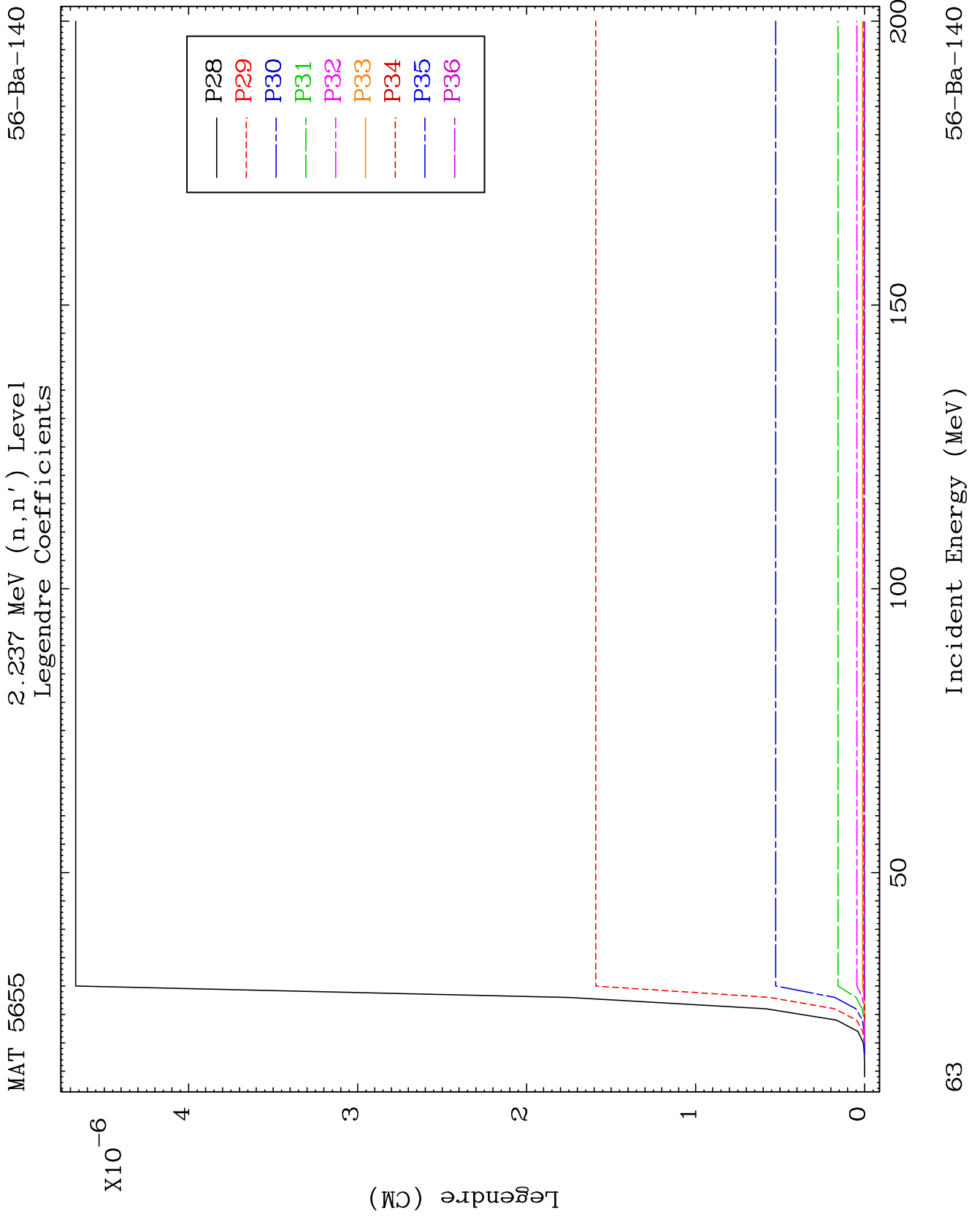
56-Ba-140

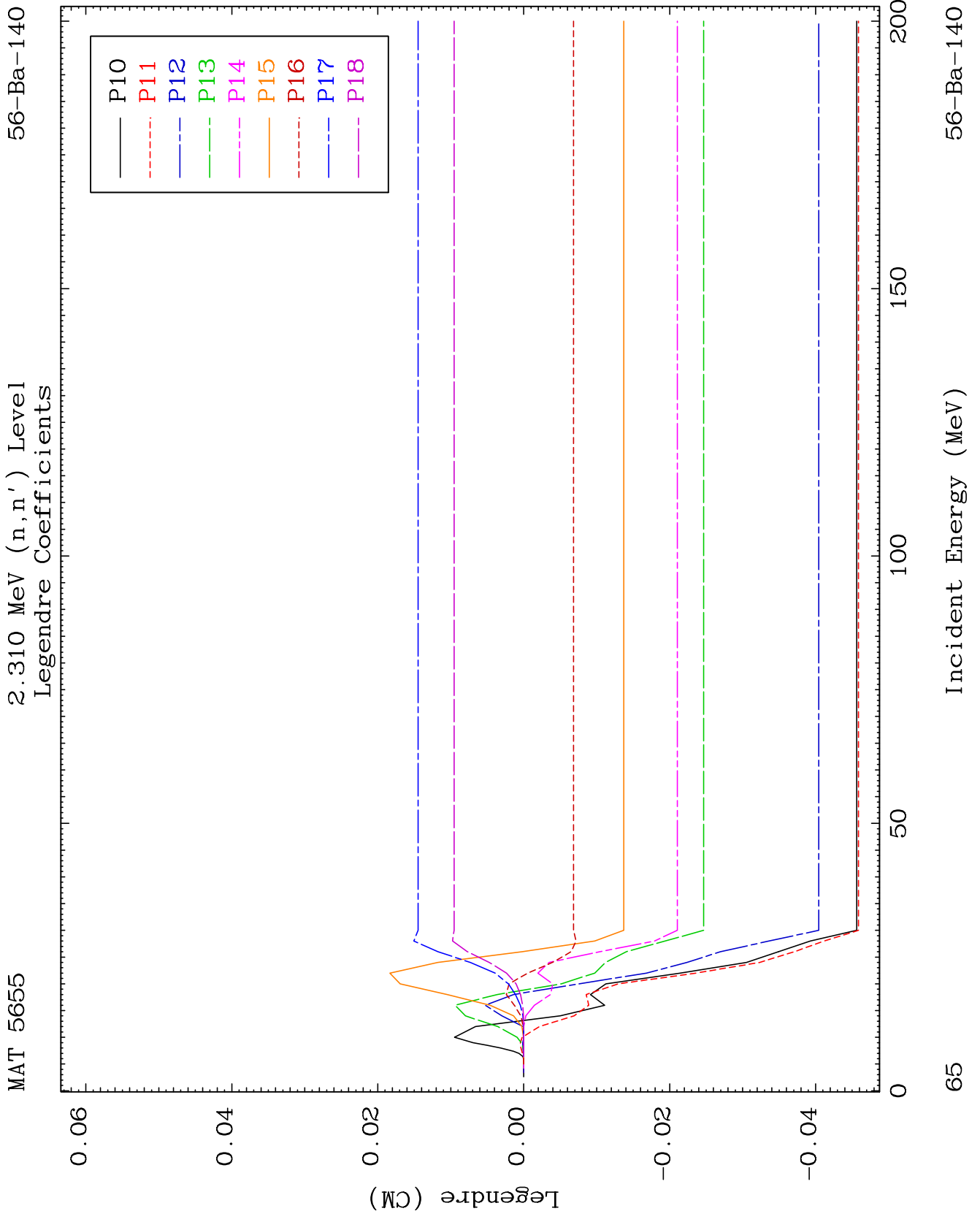


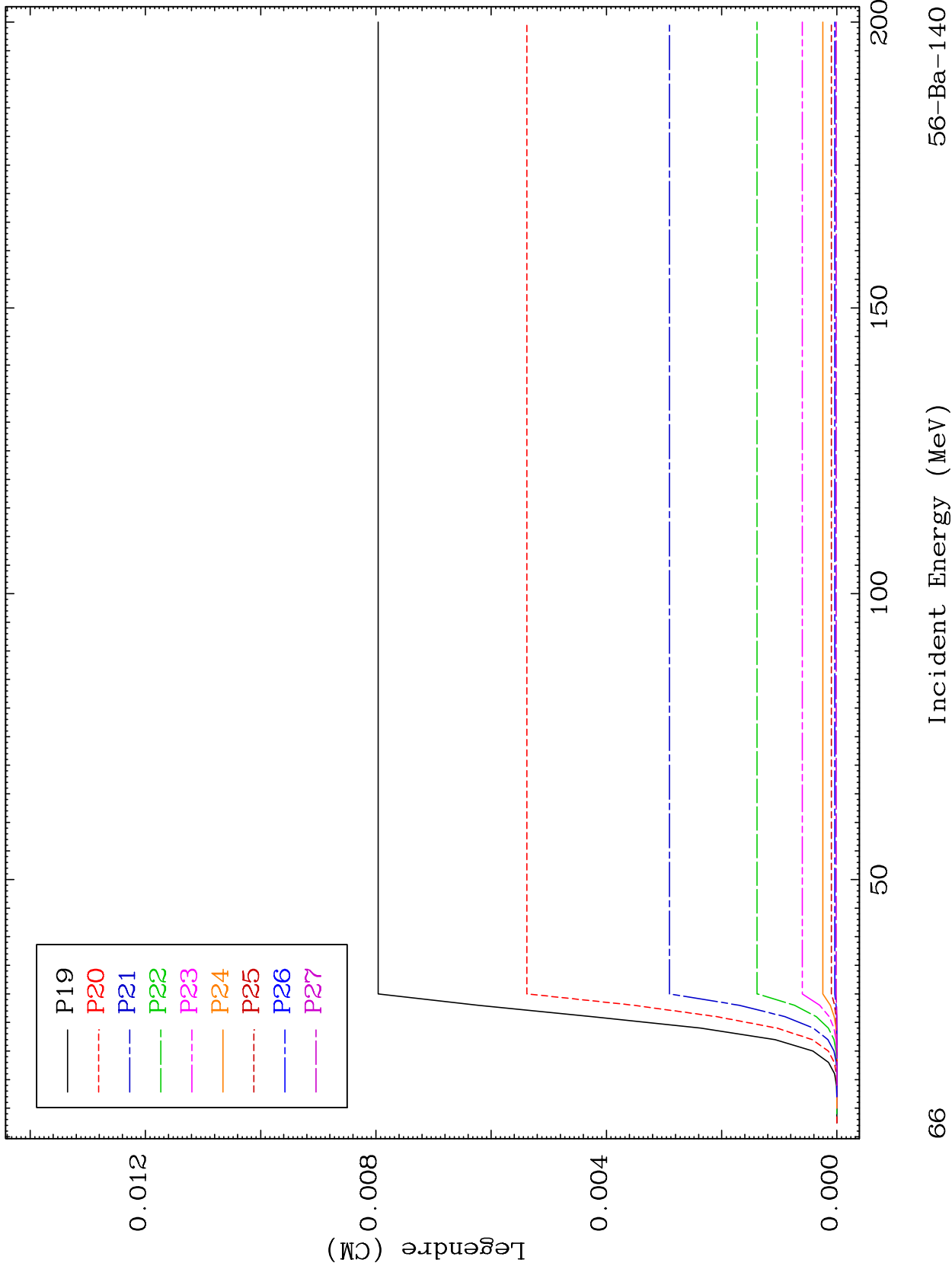
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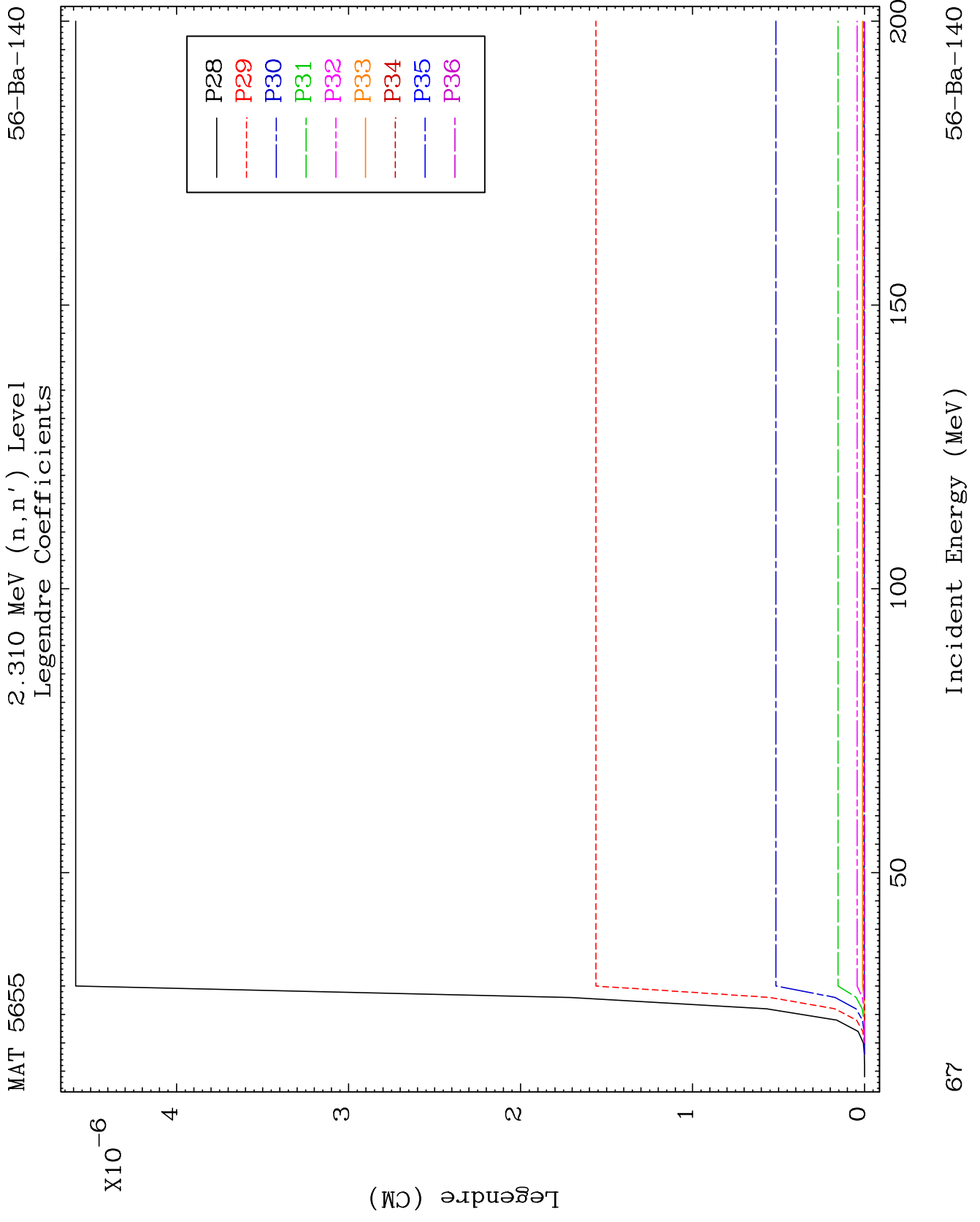
Incident Energy (MeV)

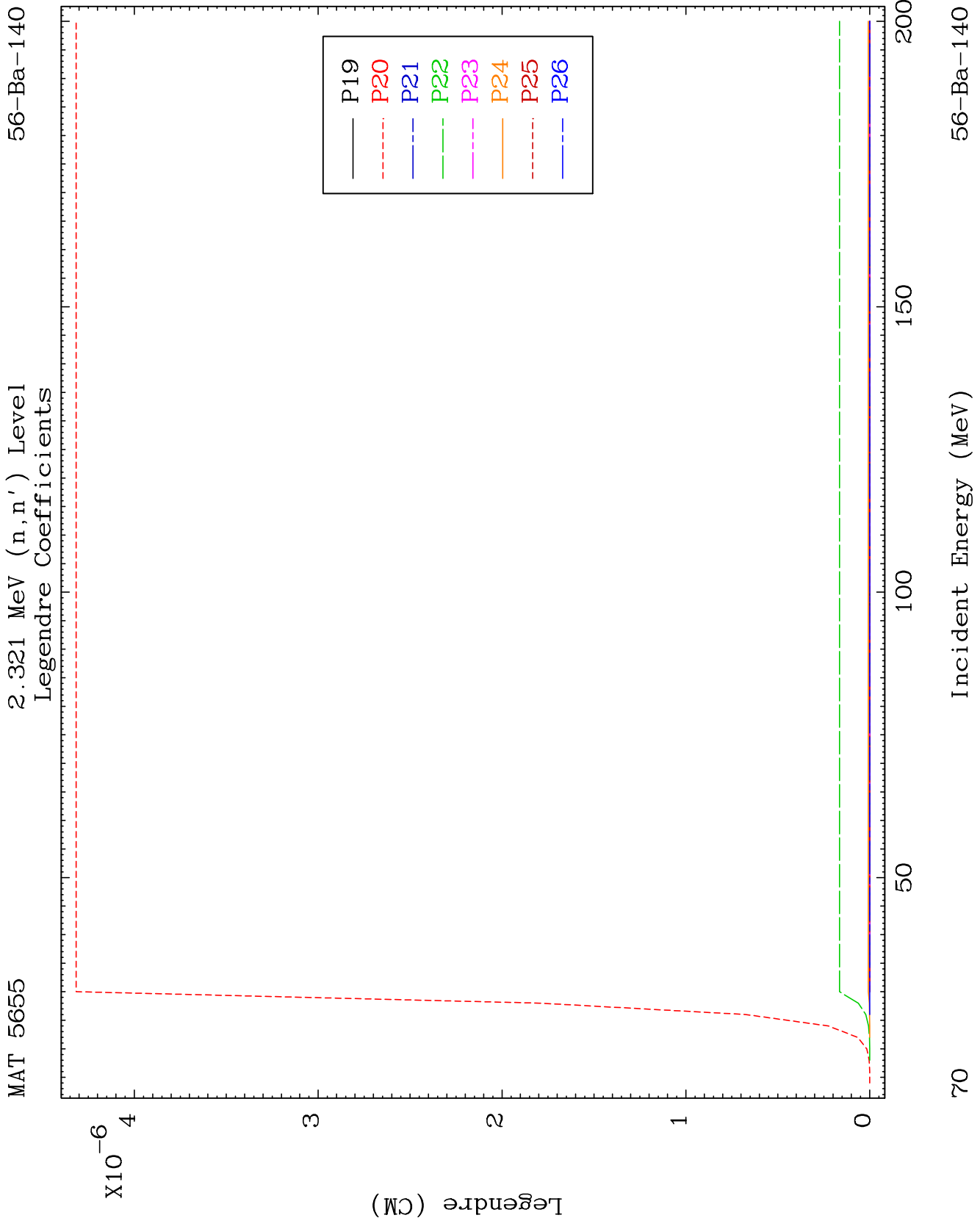
56-Ba-140

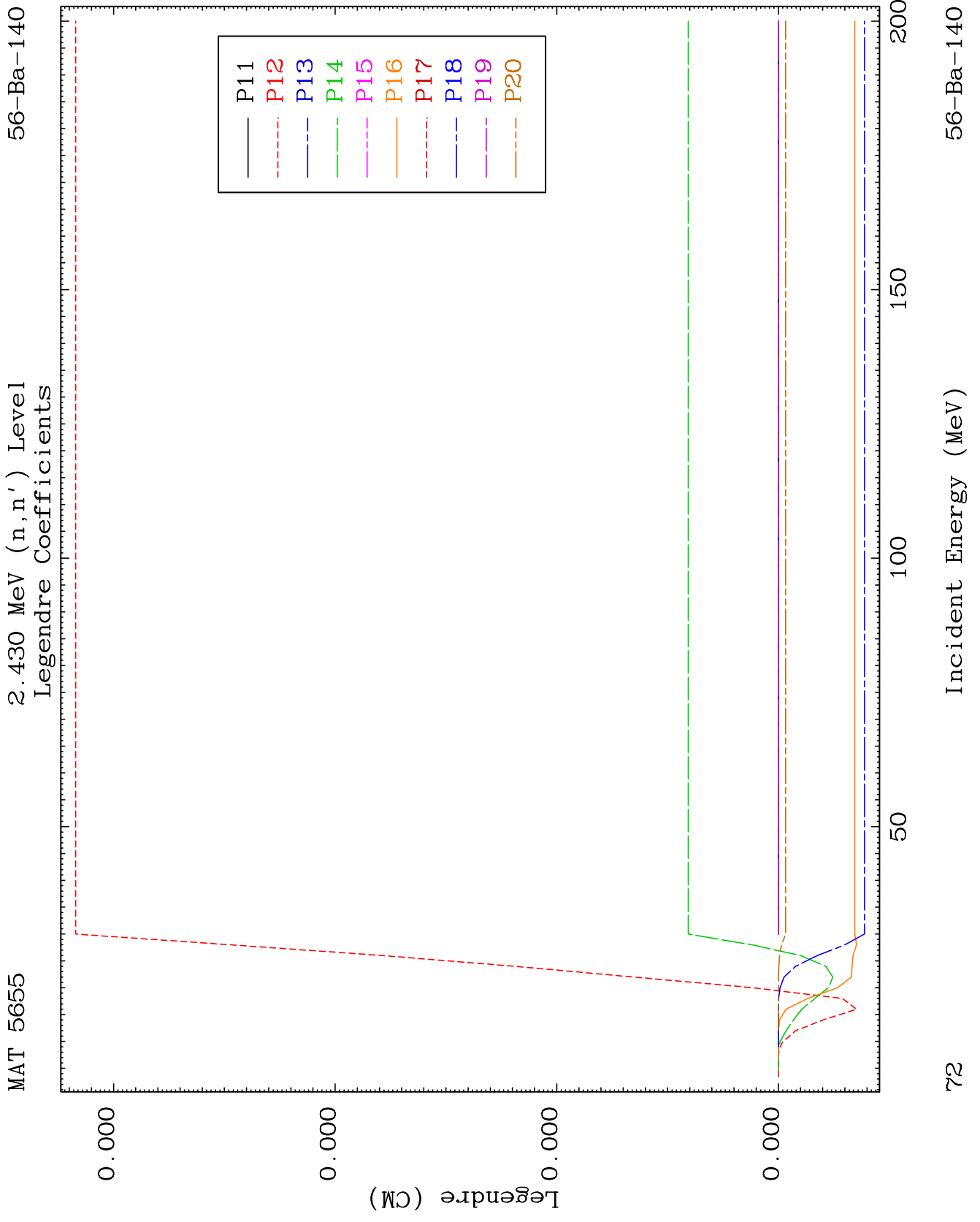


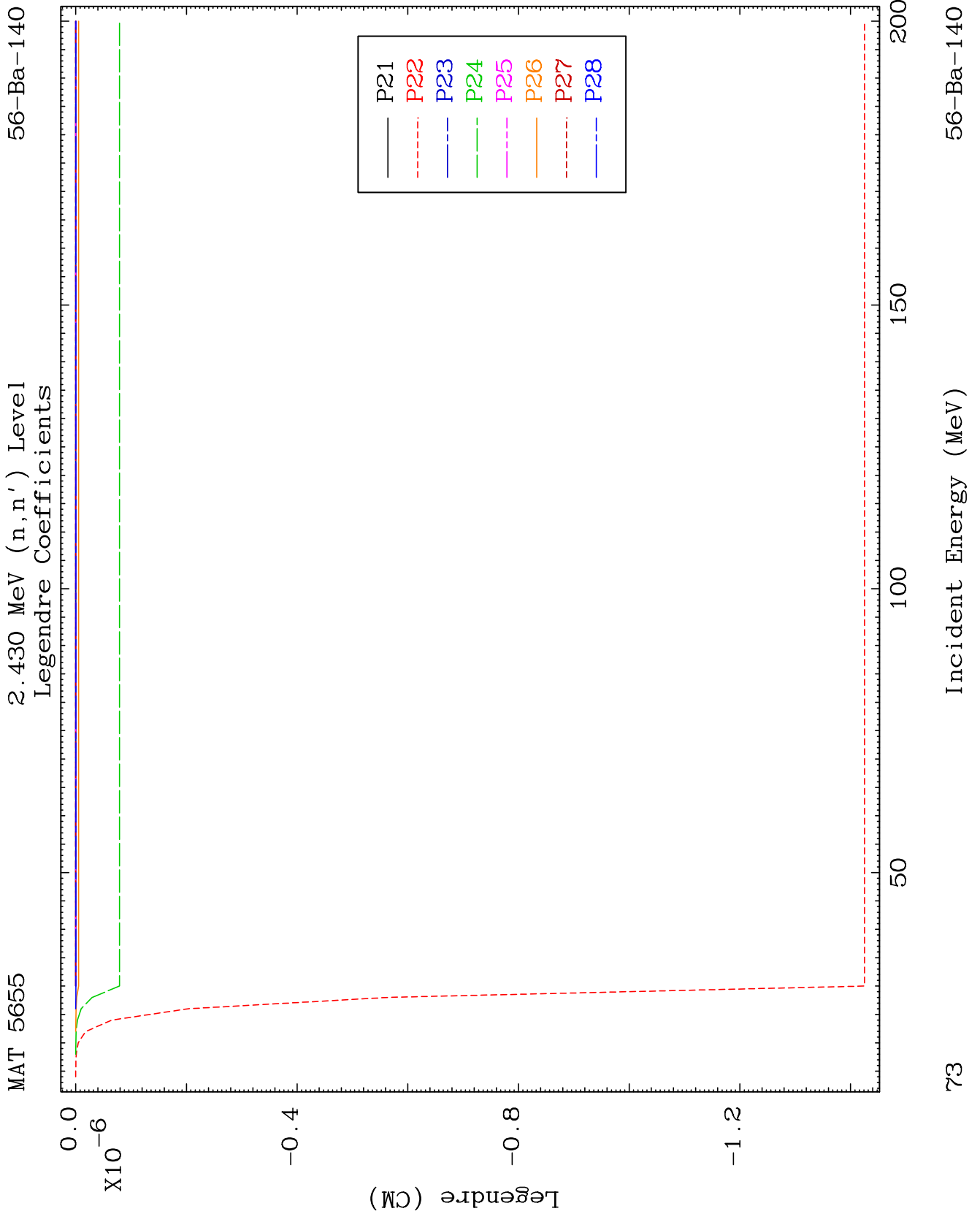


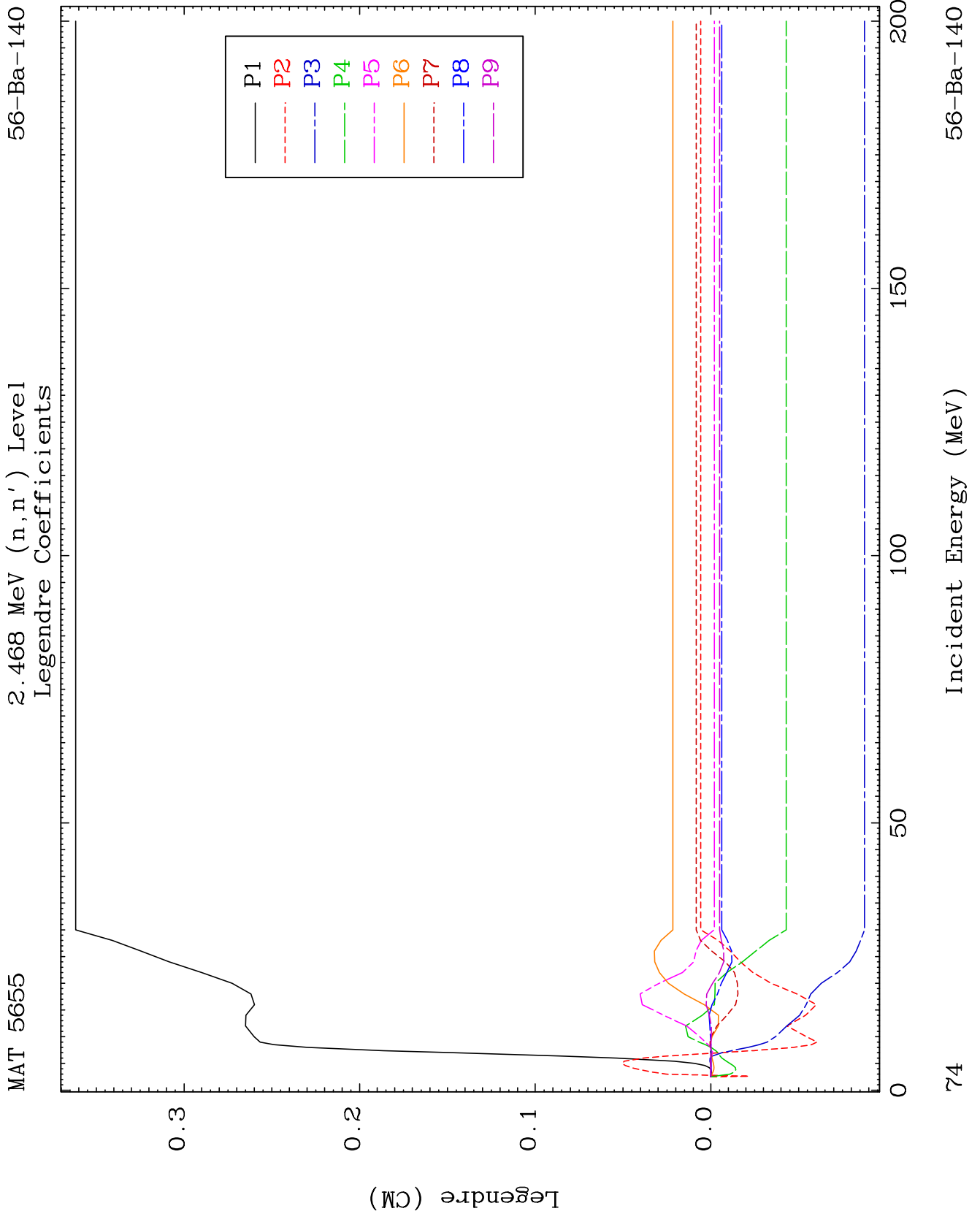


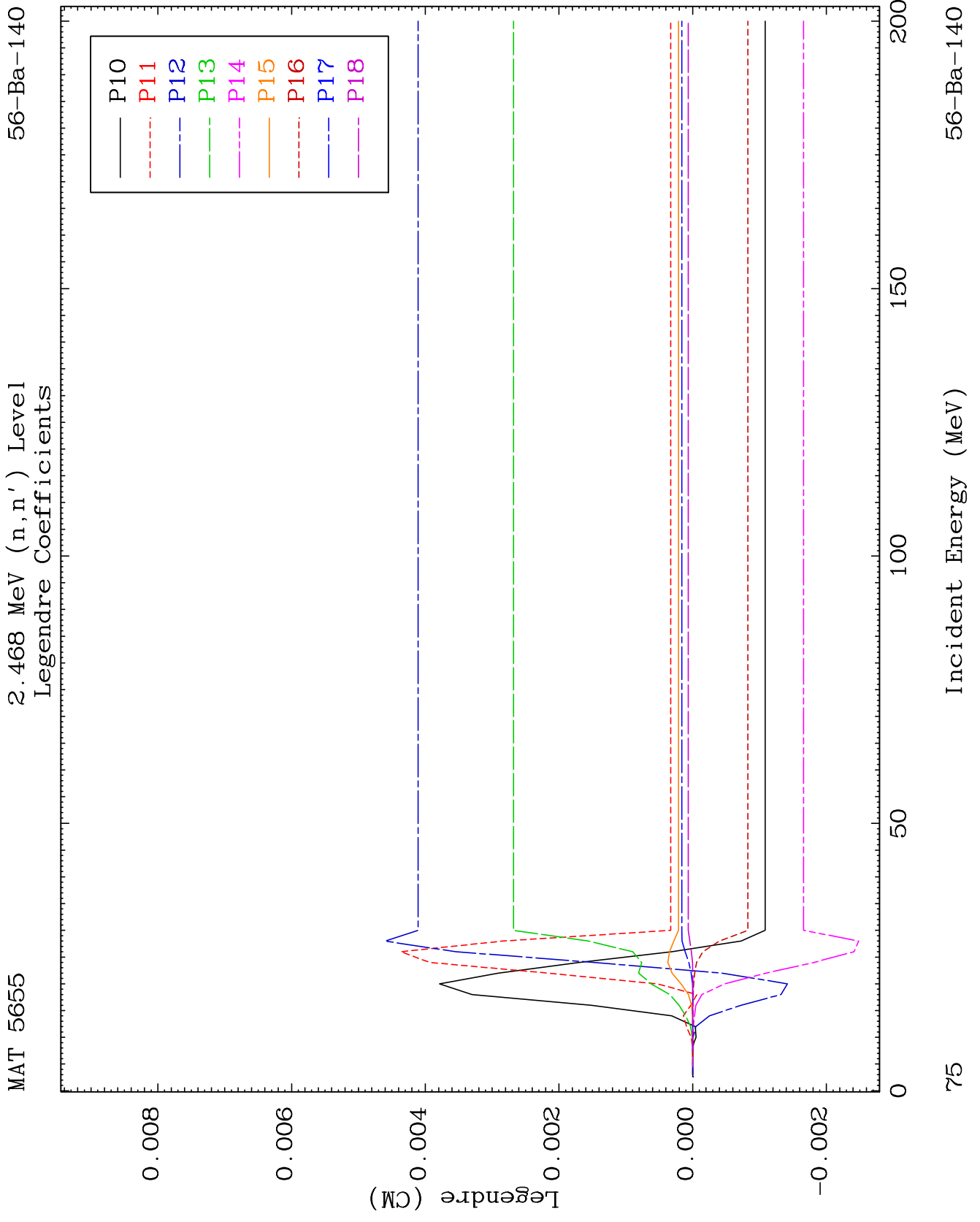


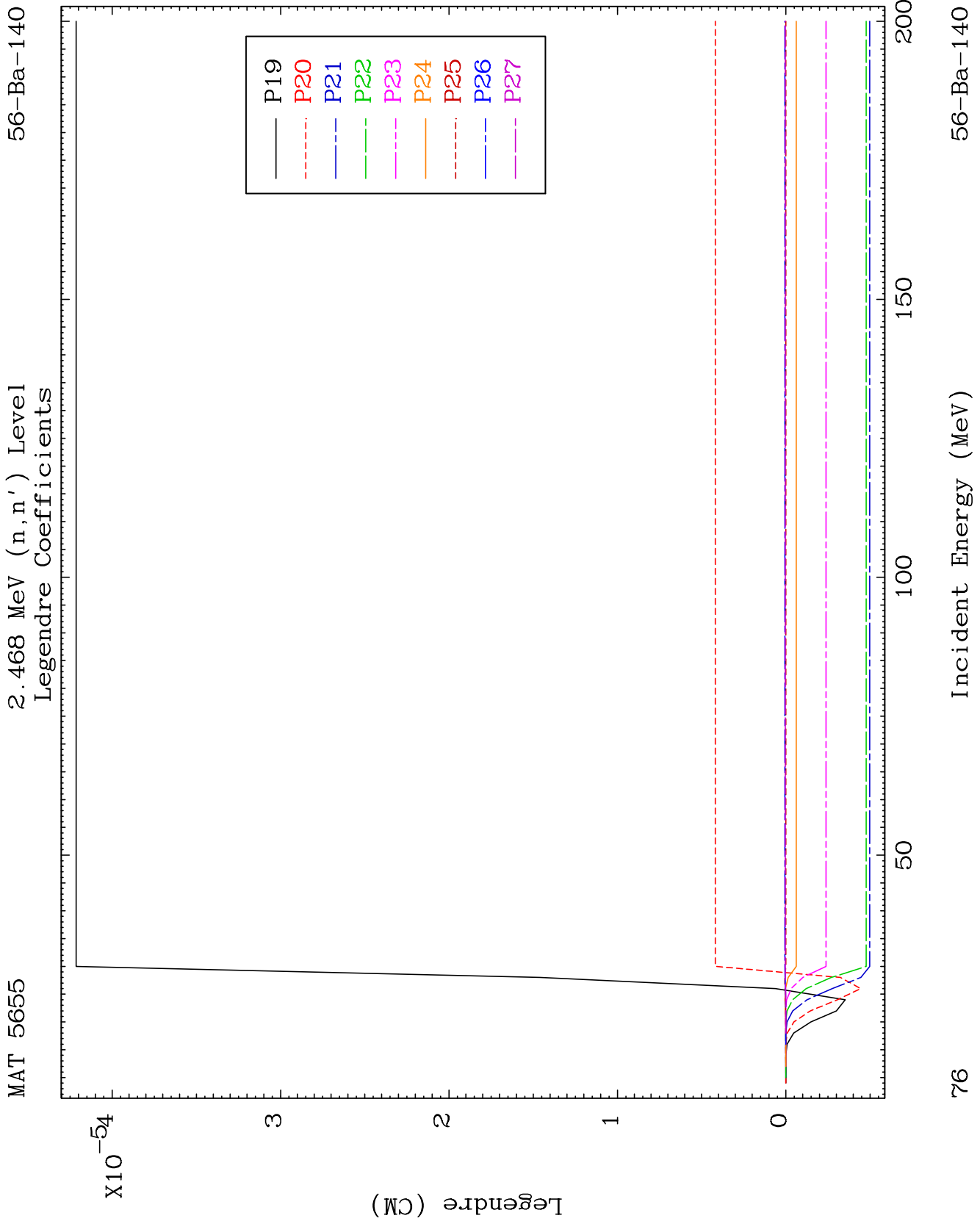


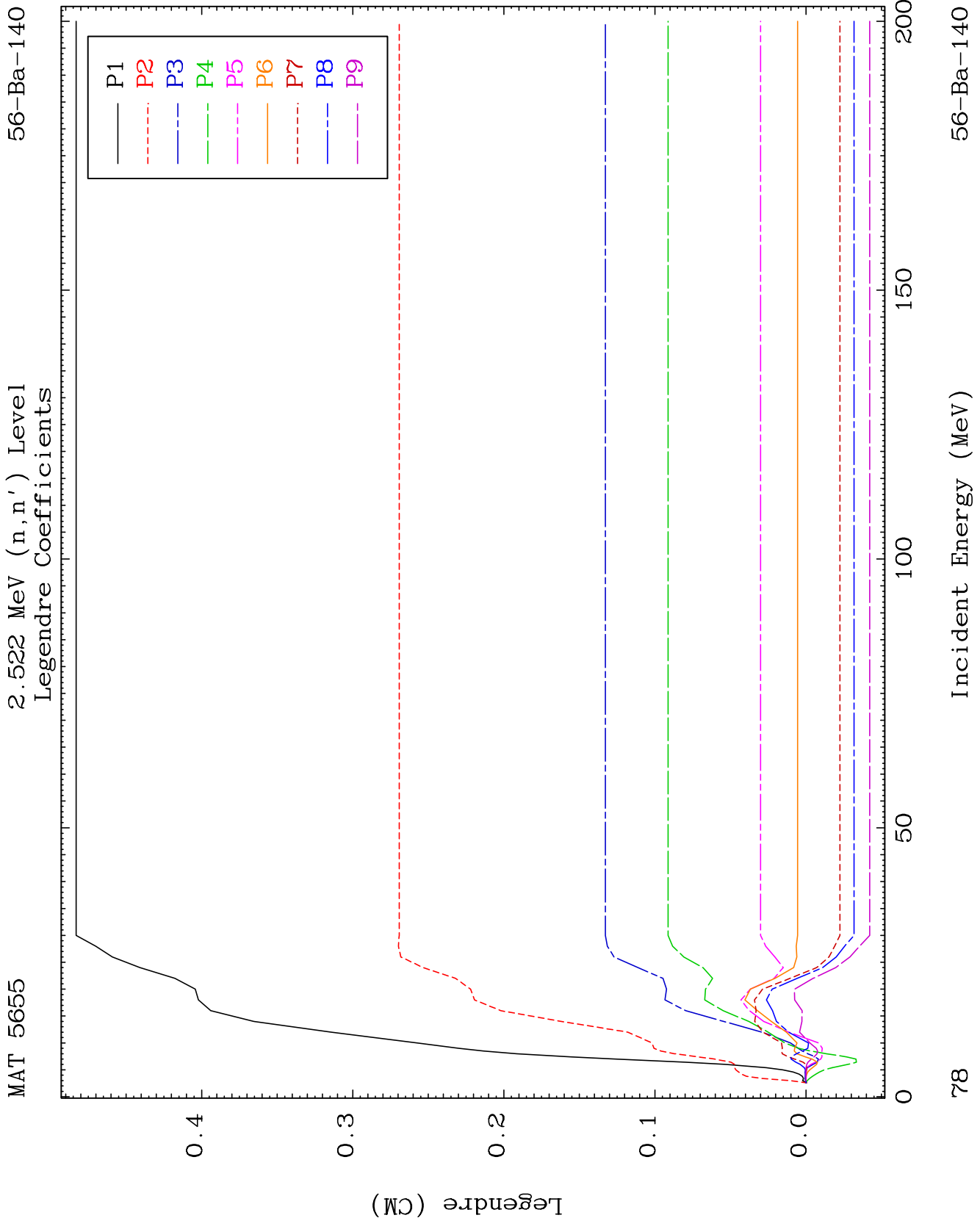


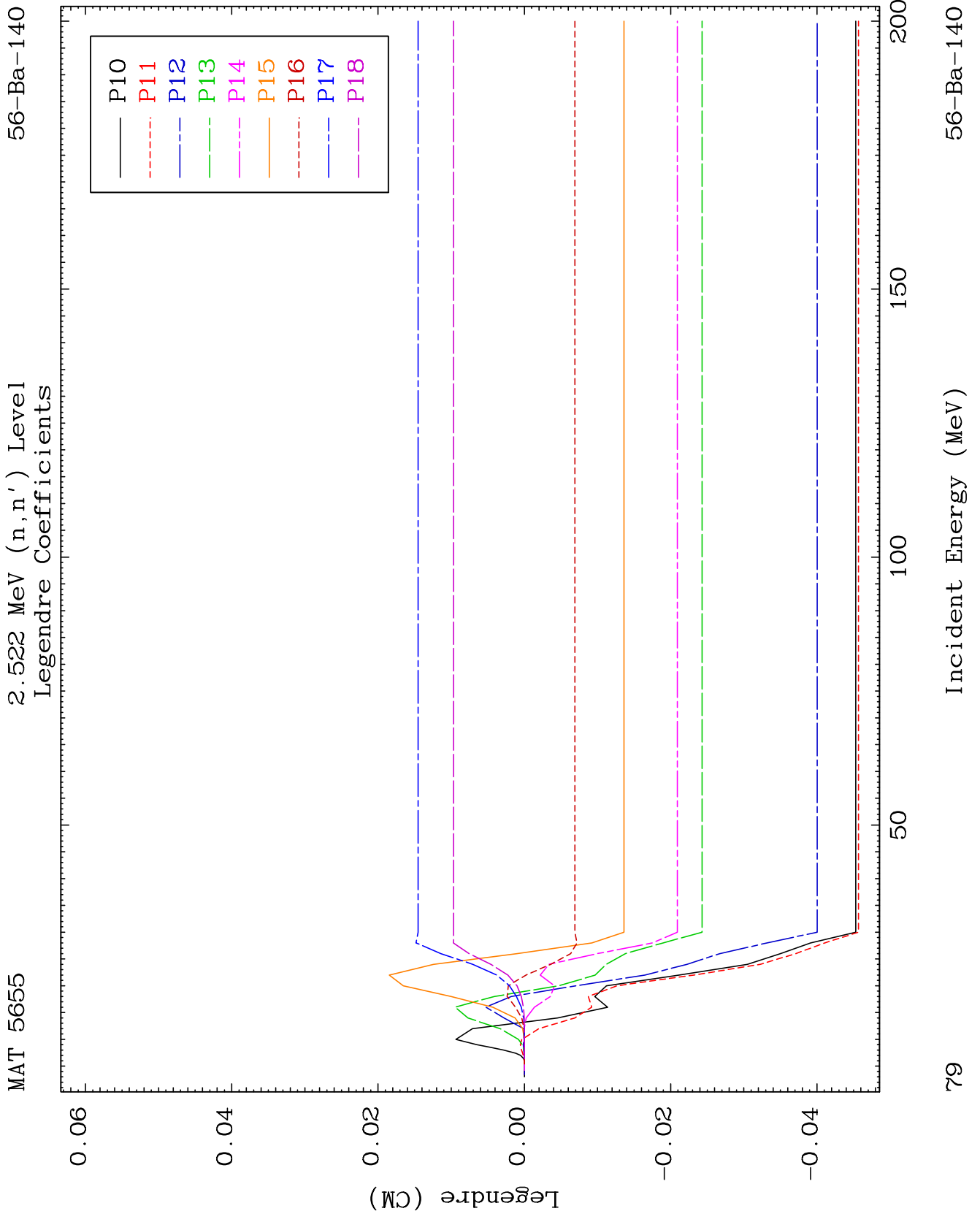








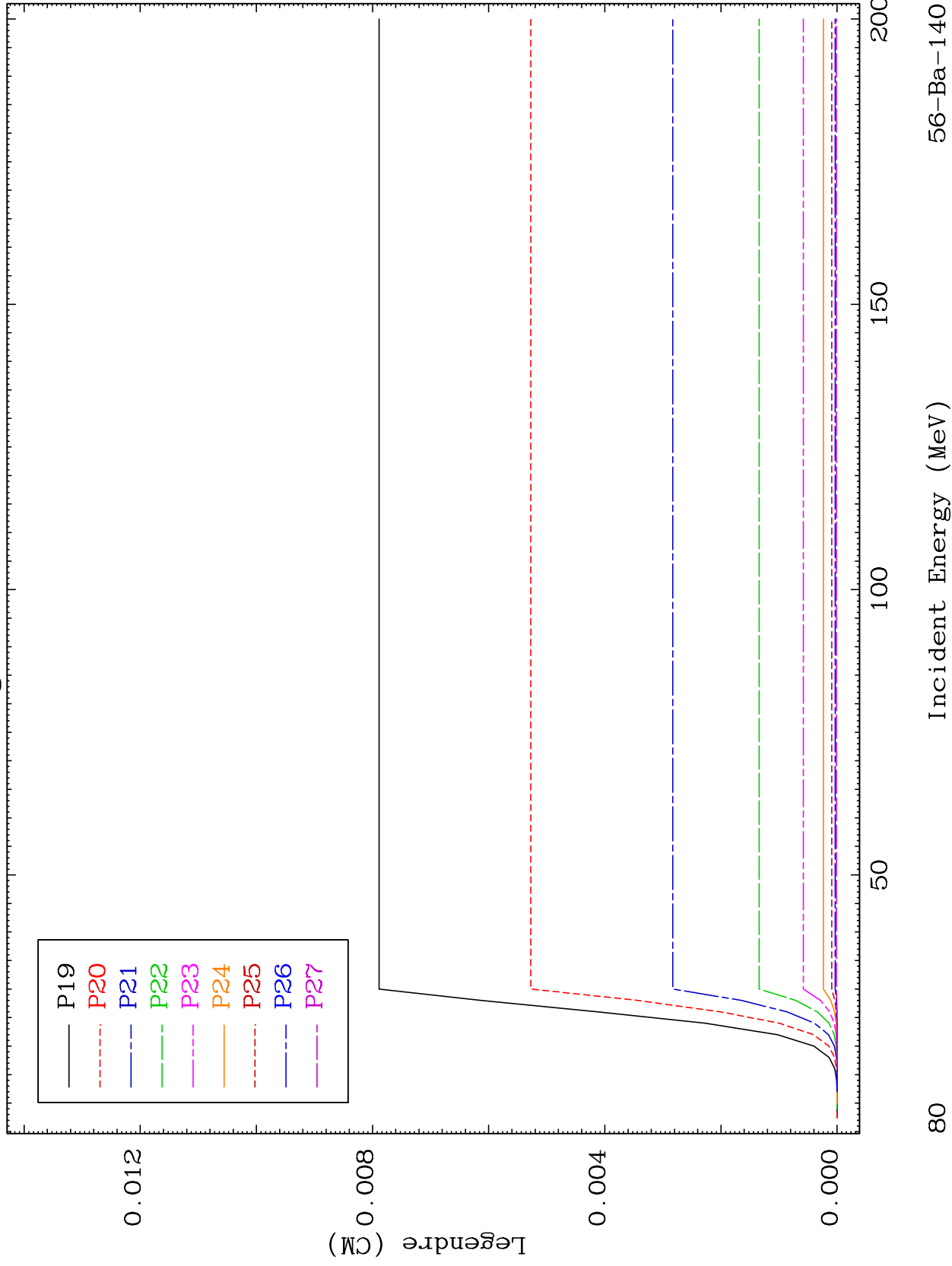




MAT 5655

2.522 MeV (n, n') Level
Legendre Coefficients

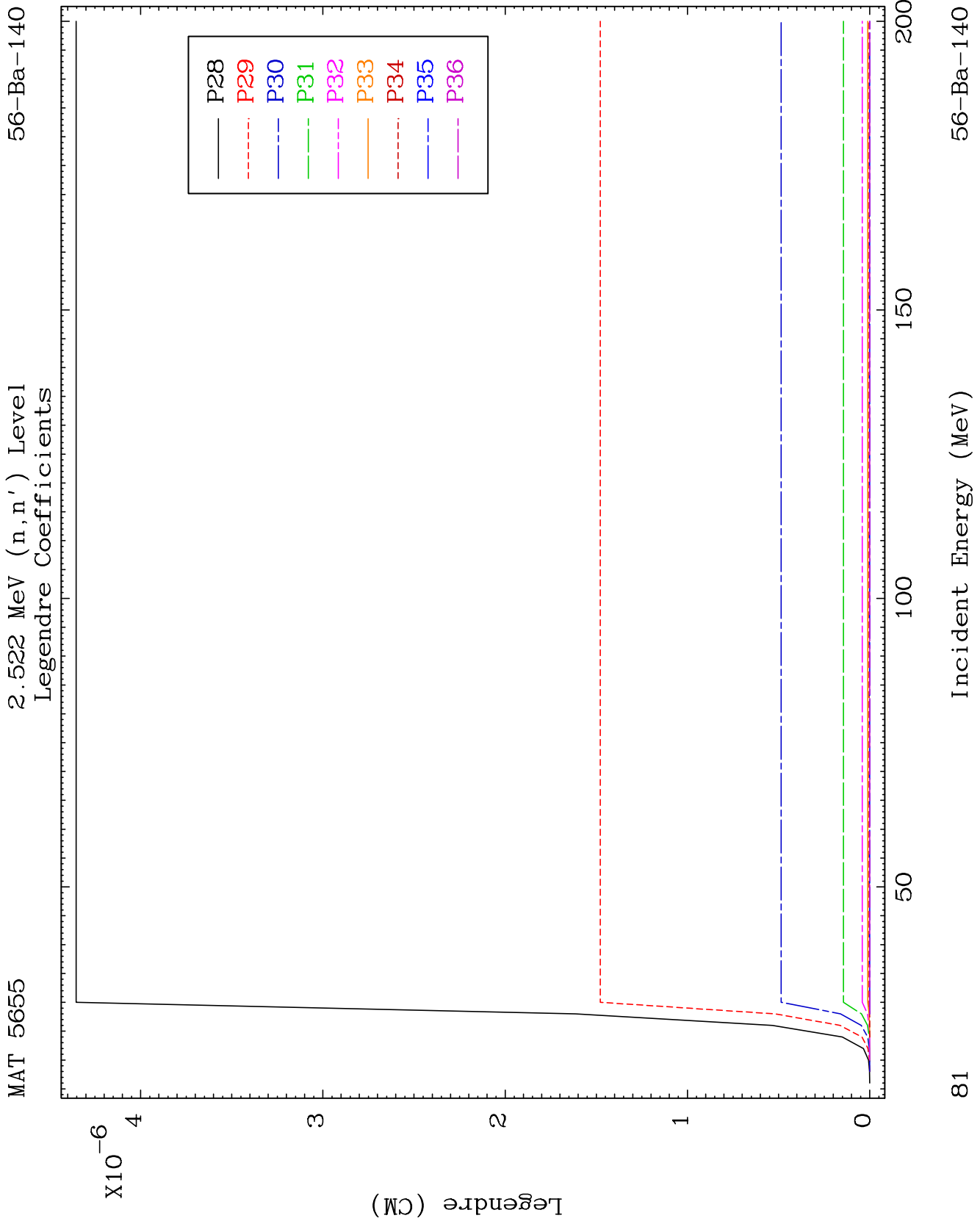
56-Ba-140

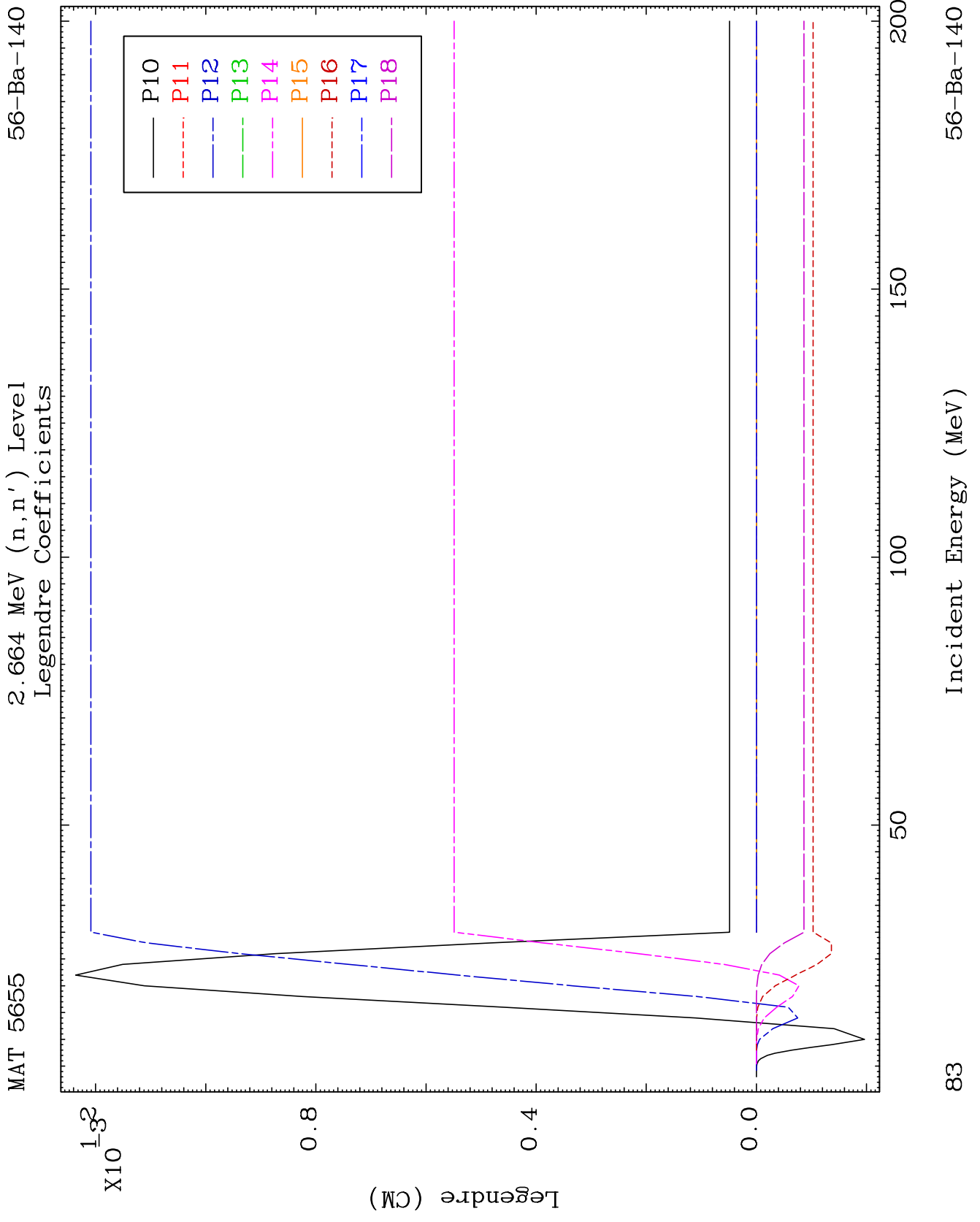


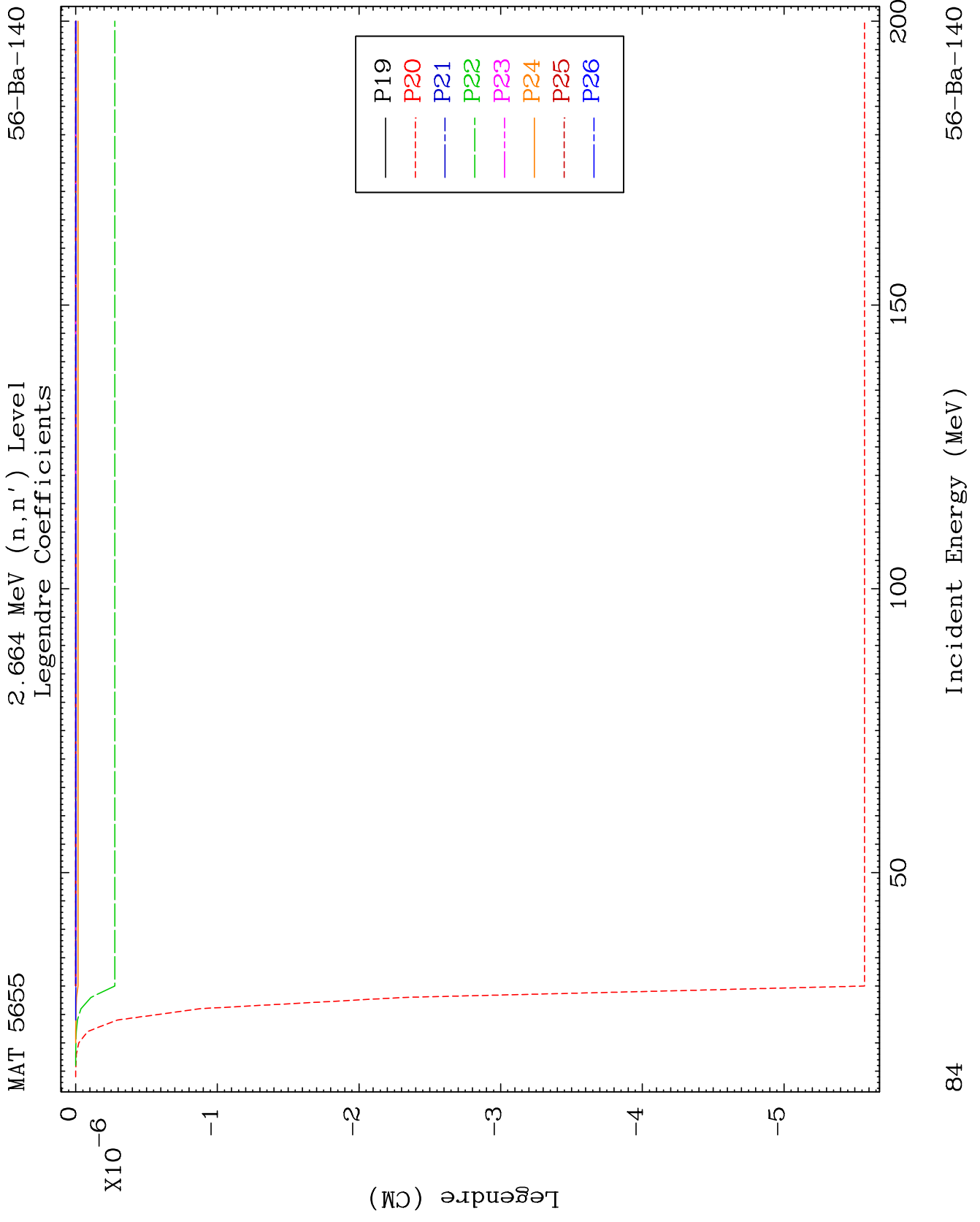
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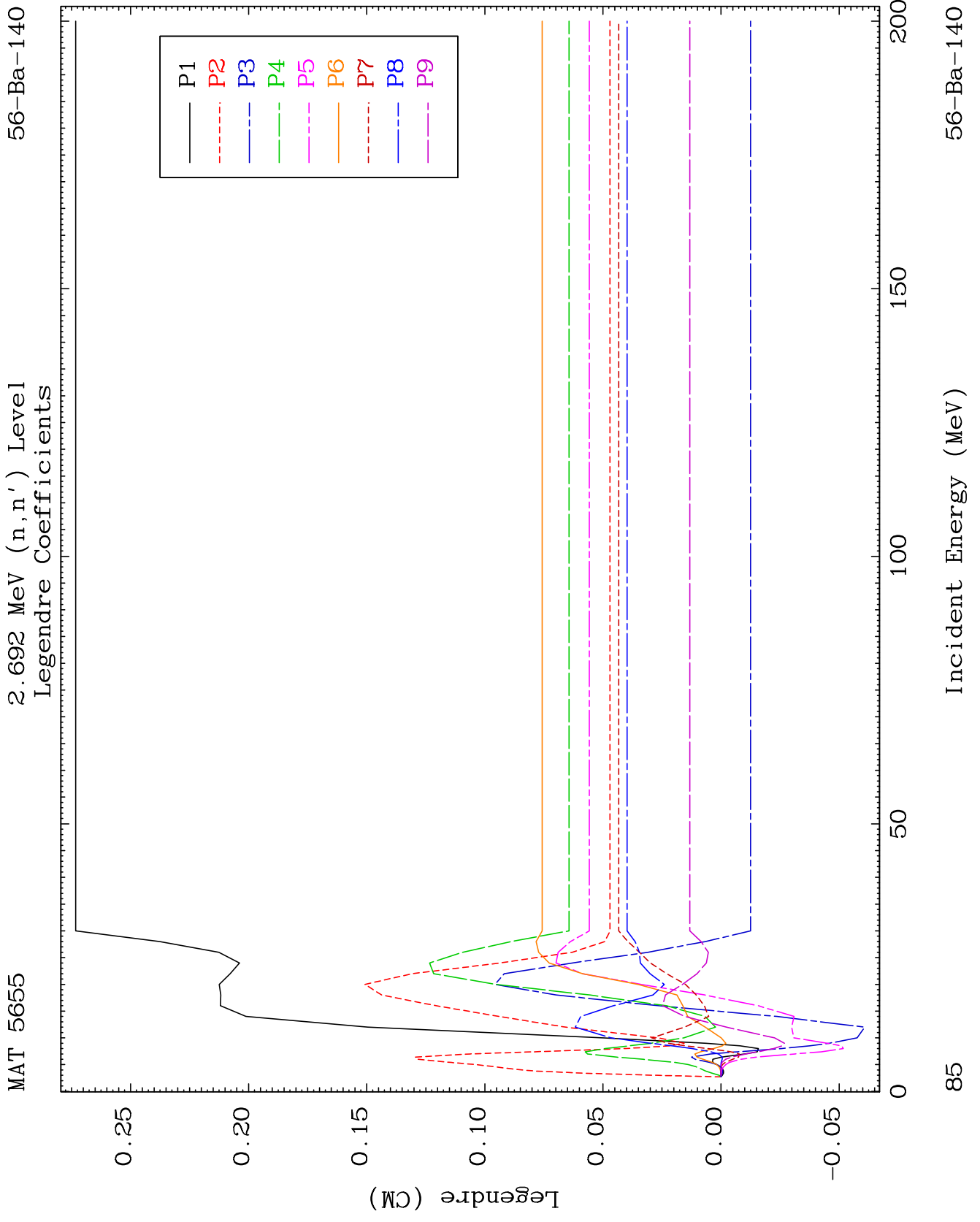
Incident Energy (MeV)

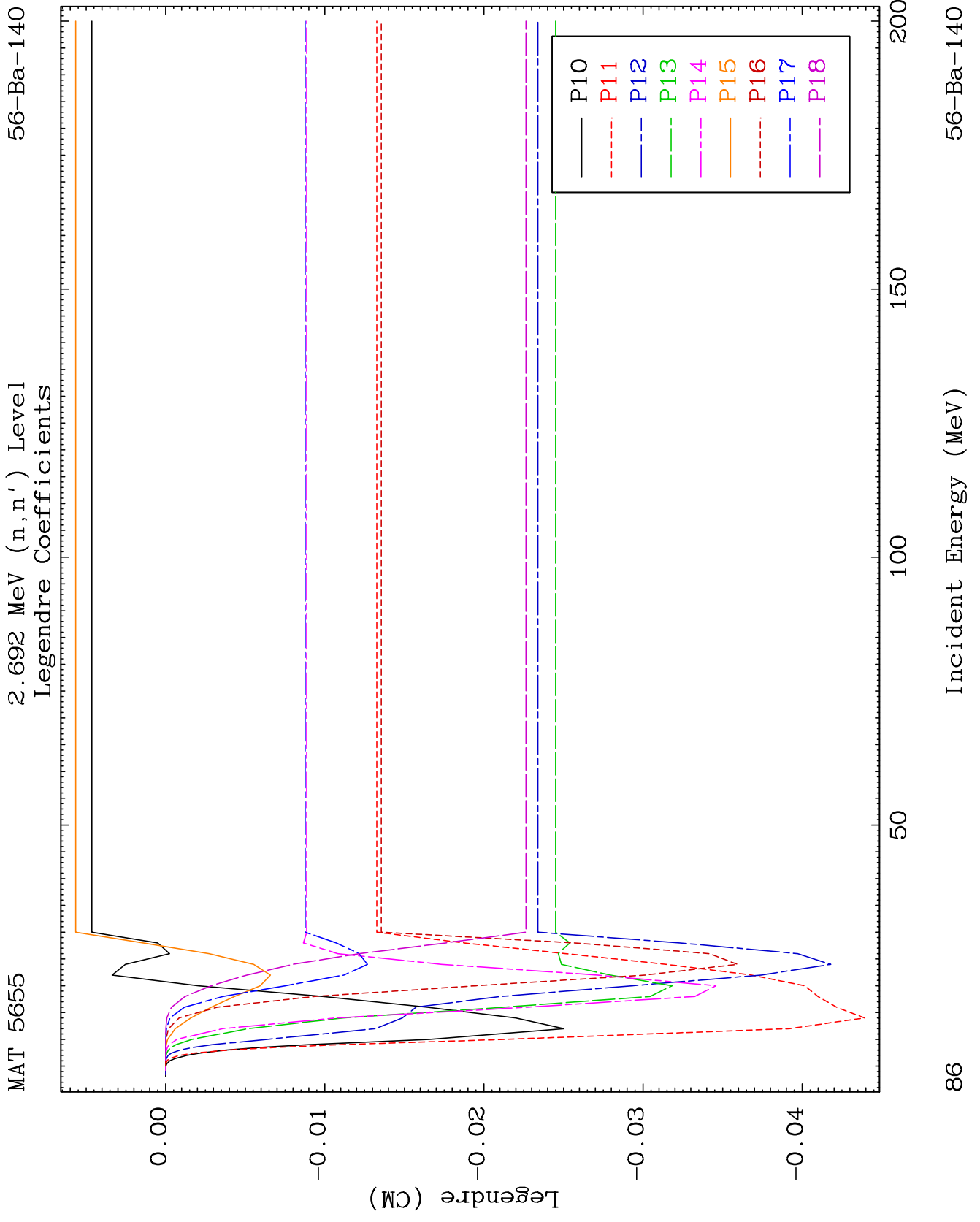
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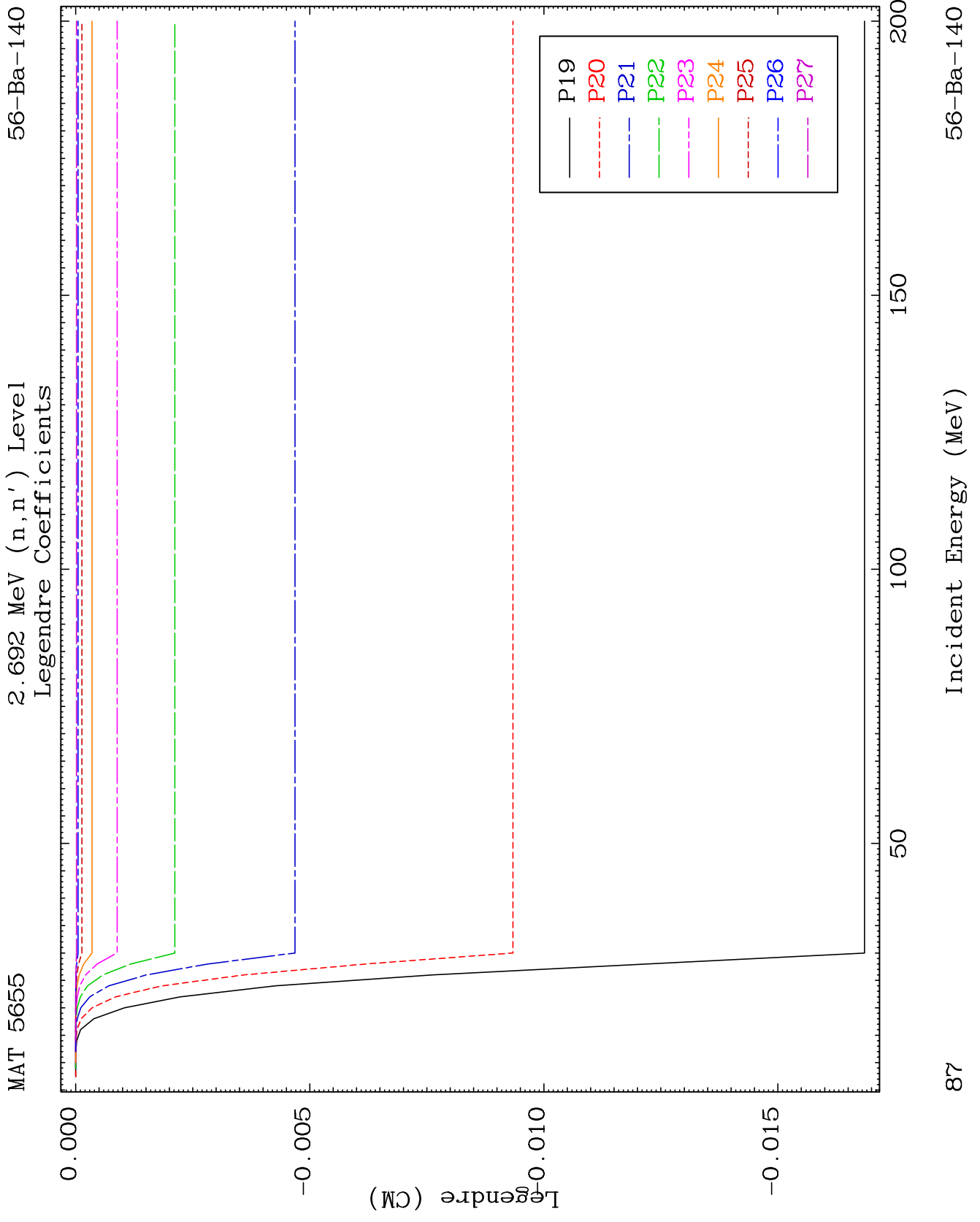


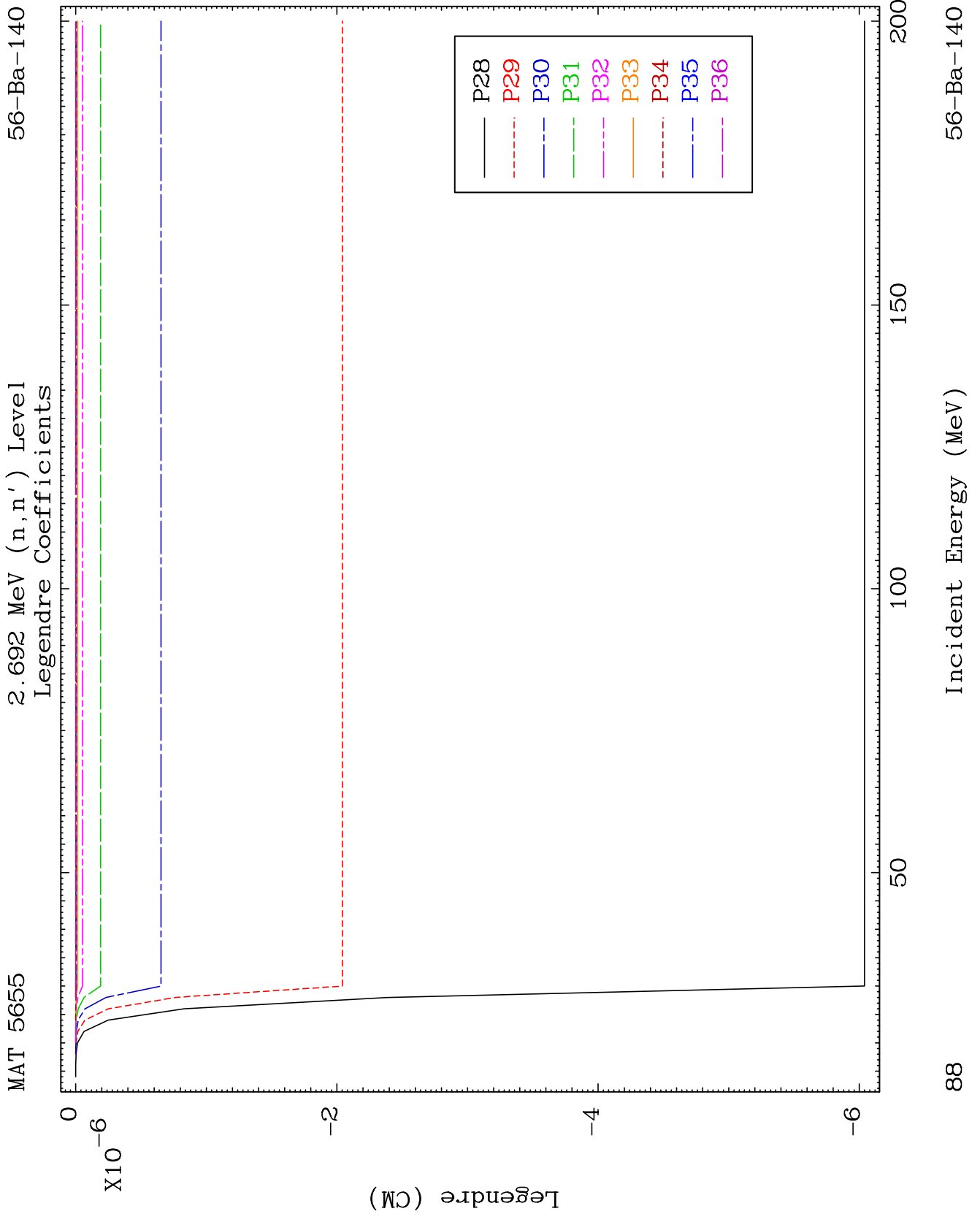


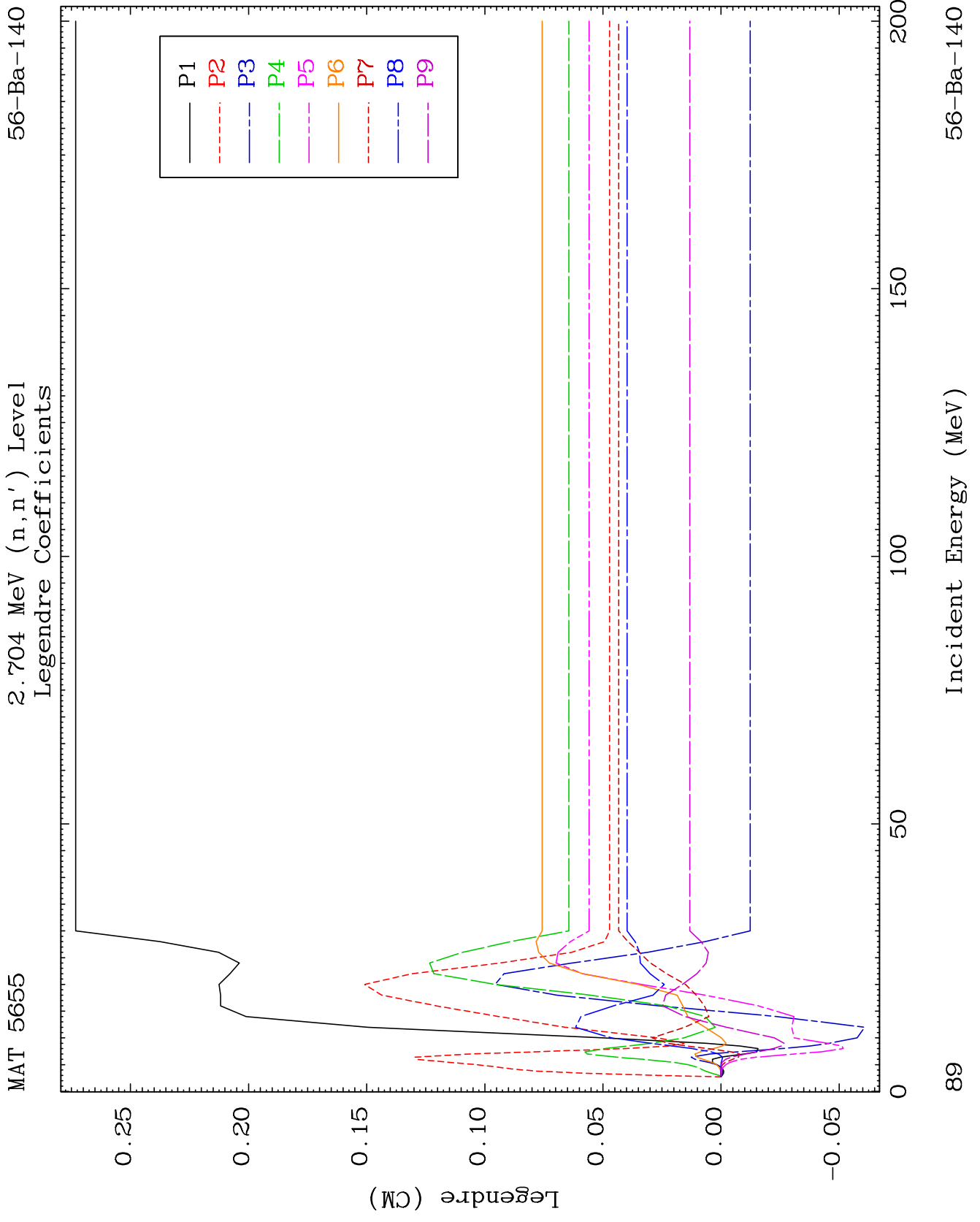


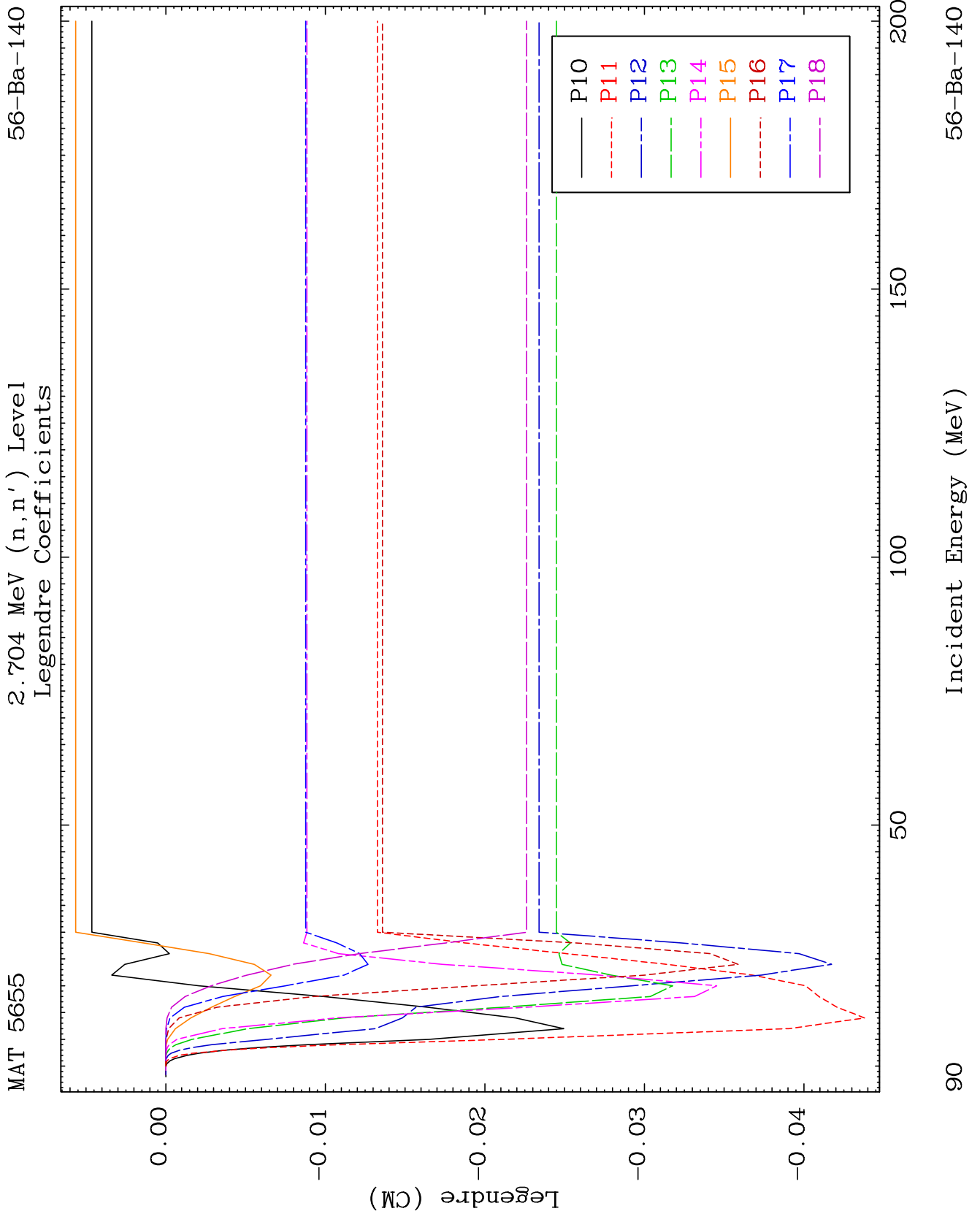


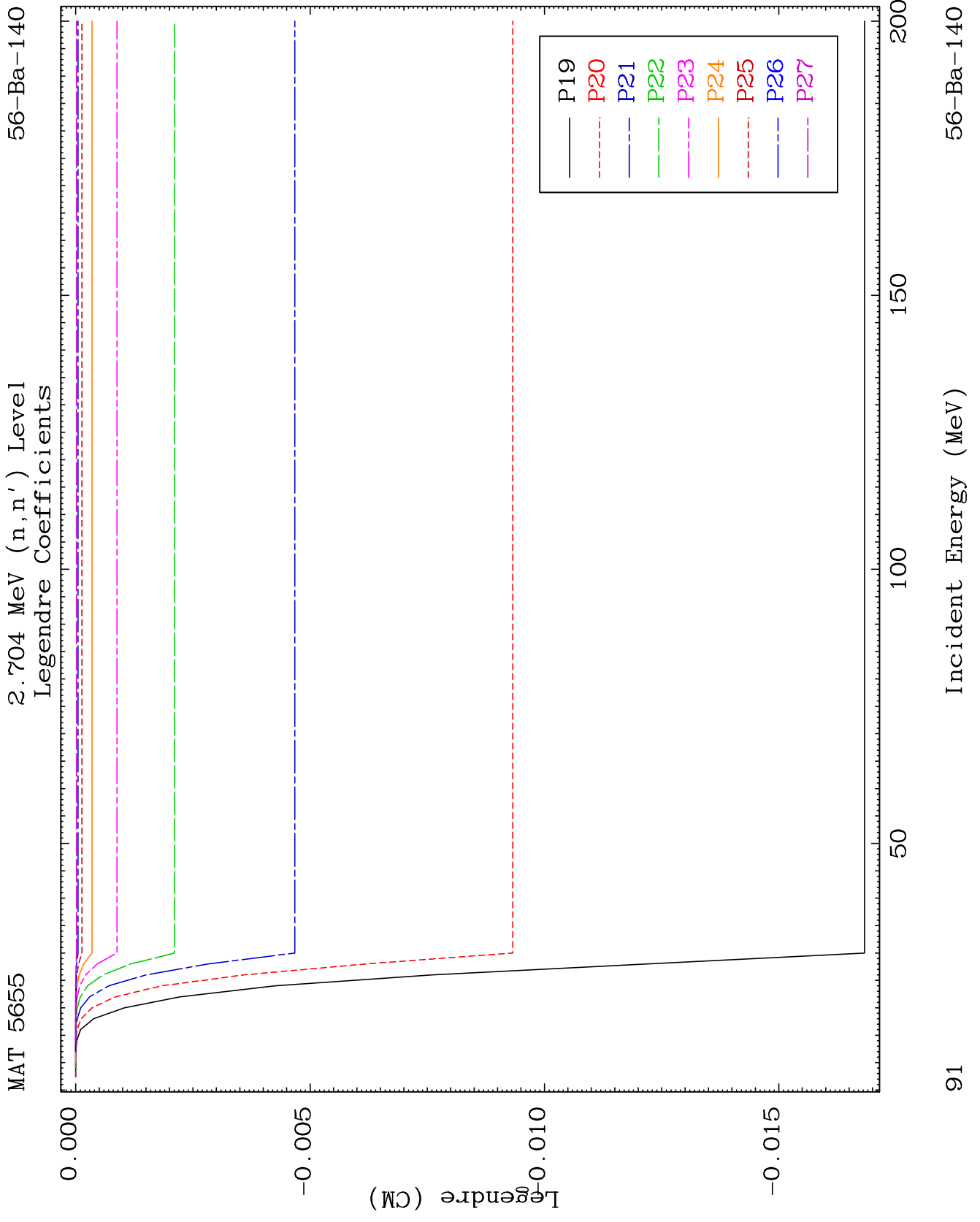


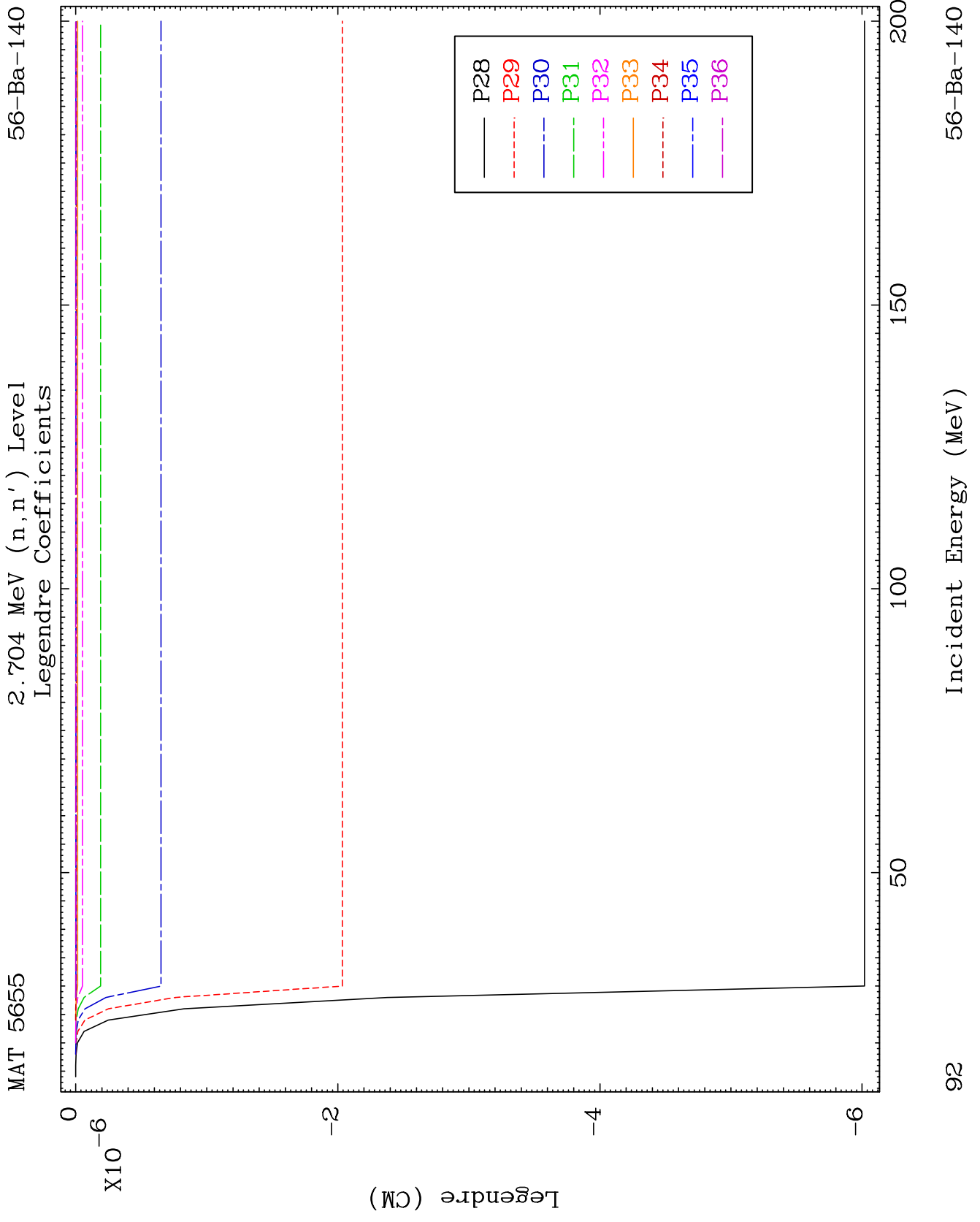


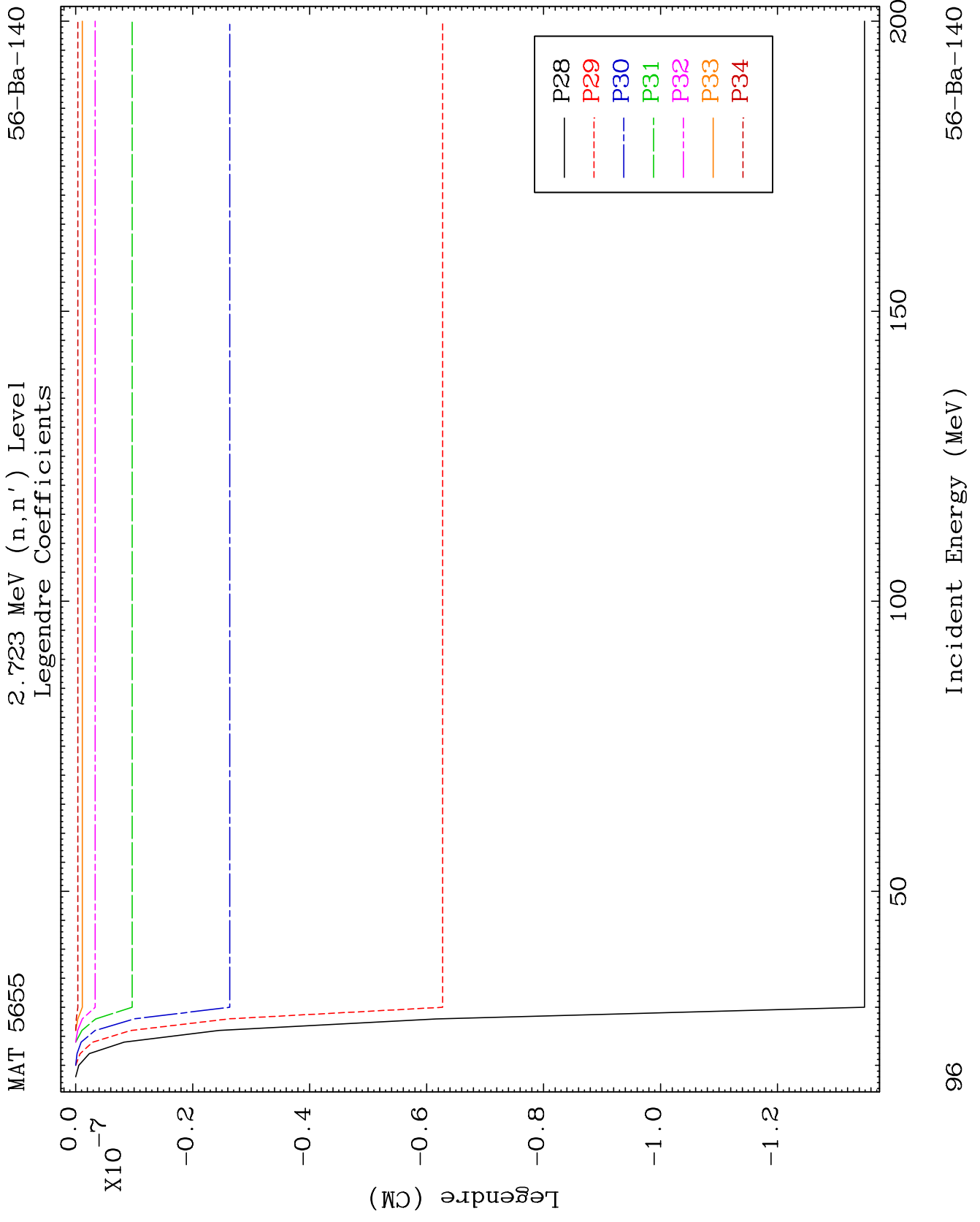


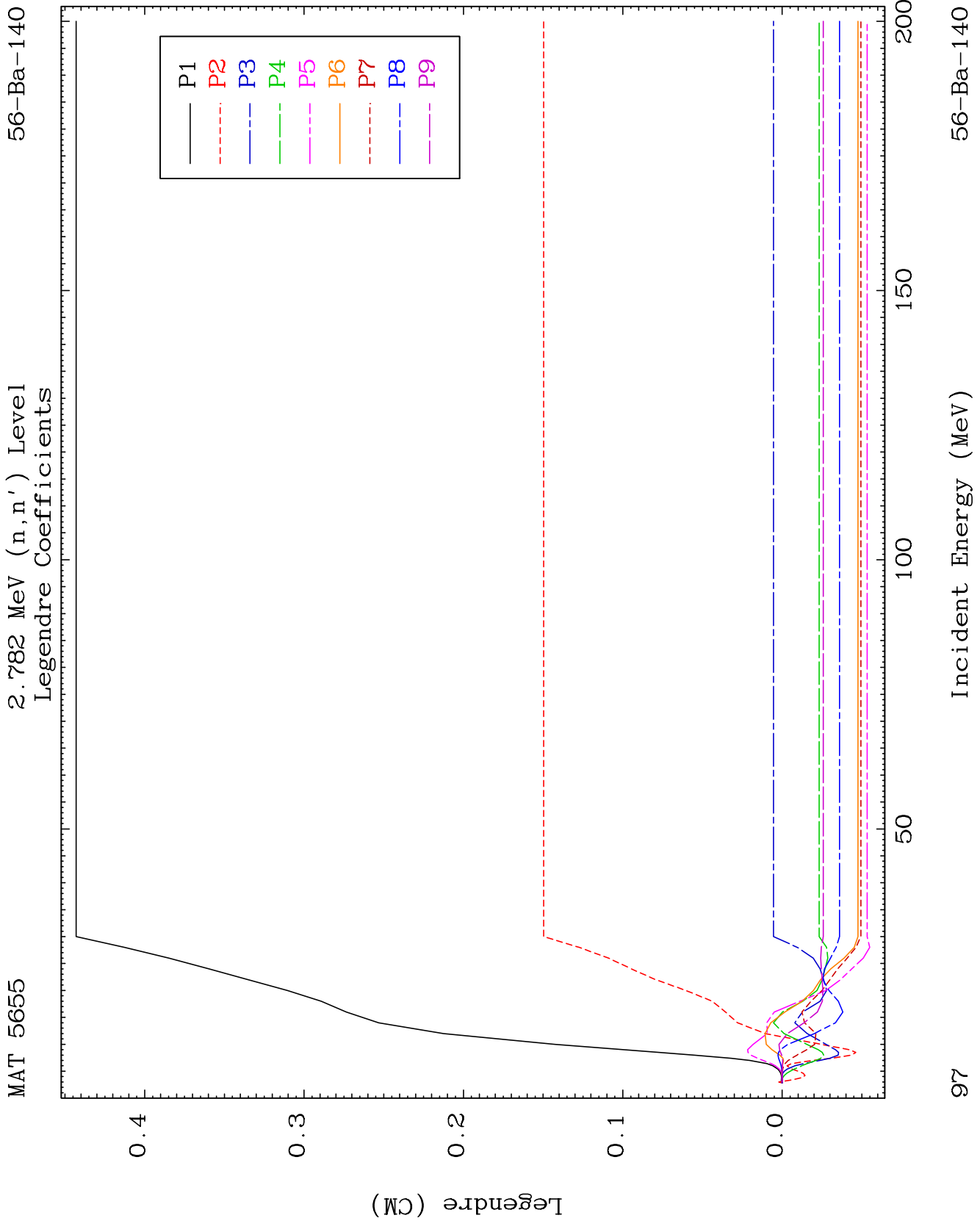








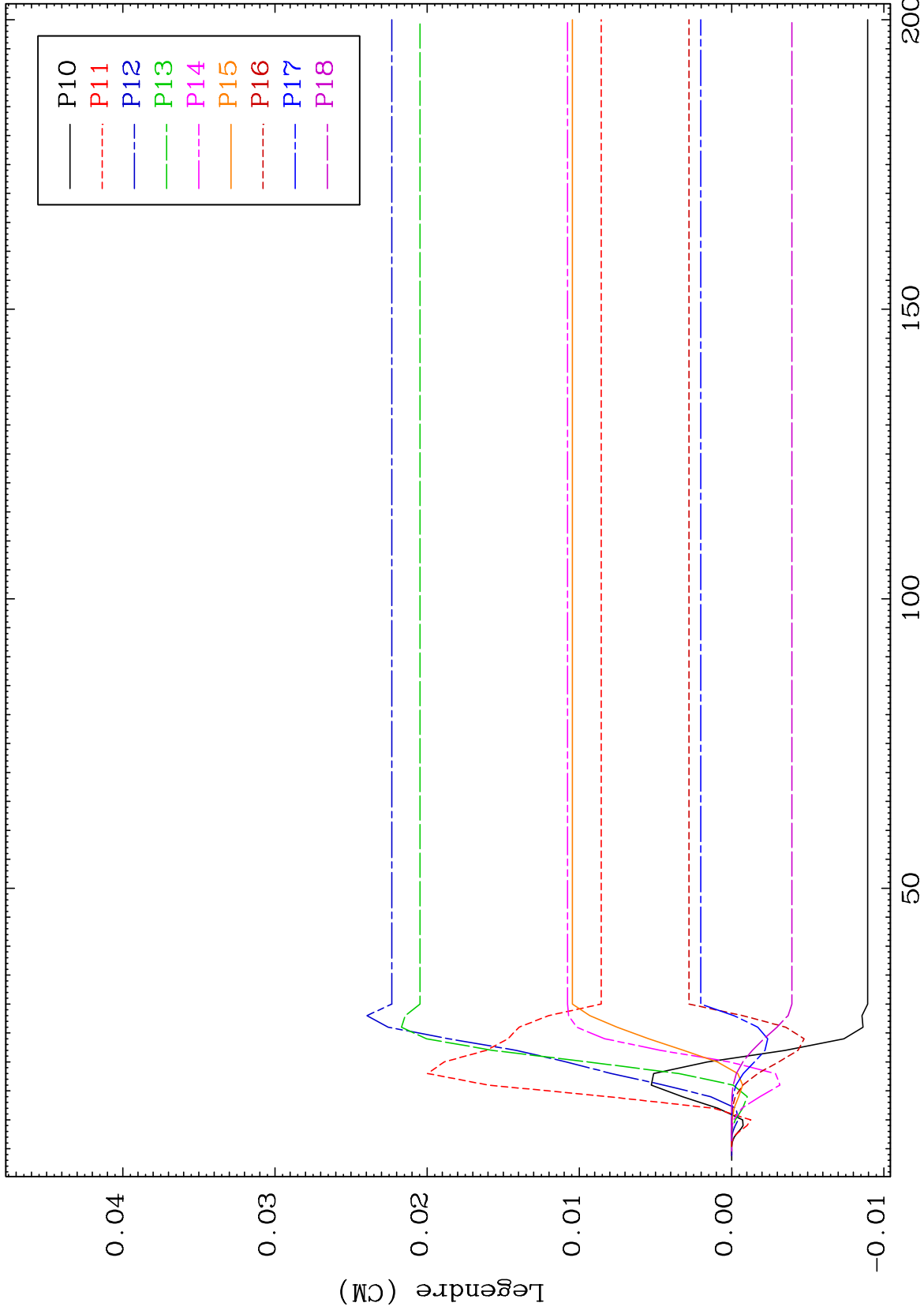




MAT 5655

2.782 MeV (n,n') Level
Legendre Coefficients

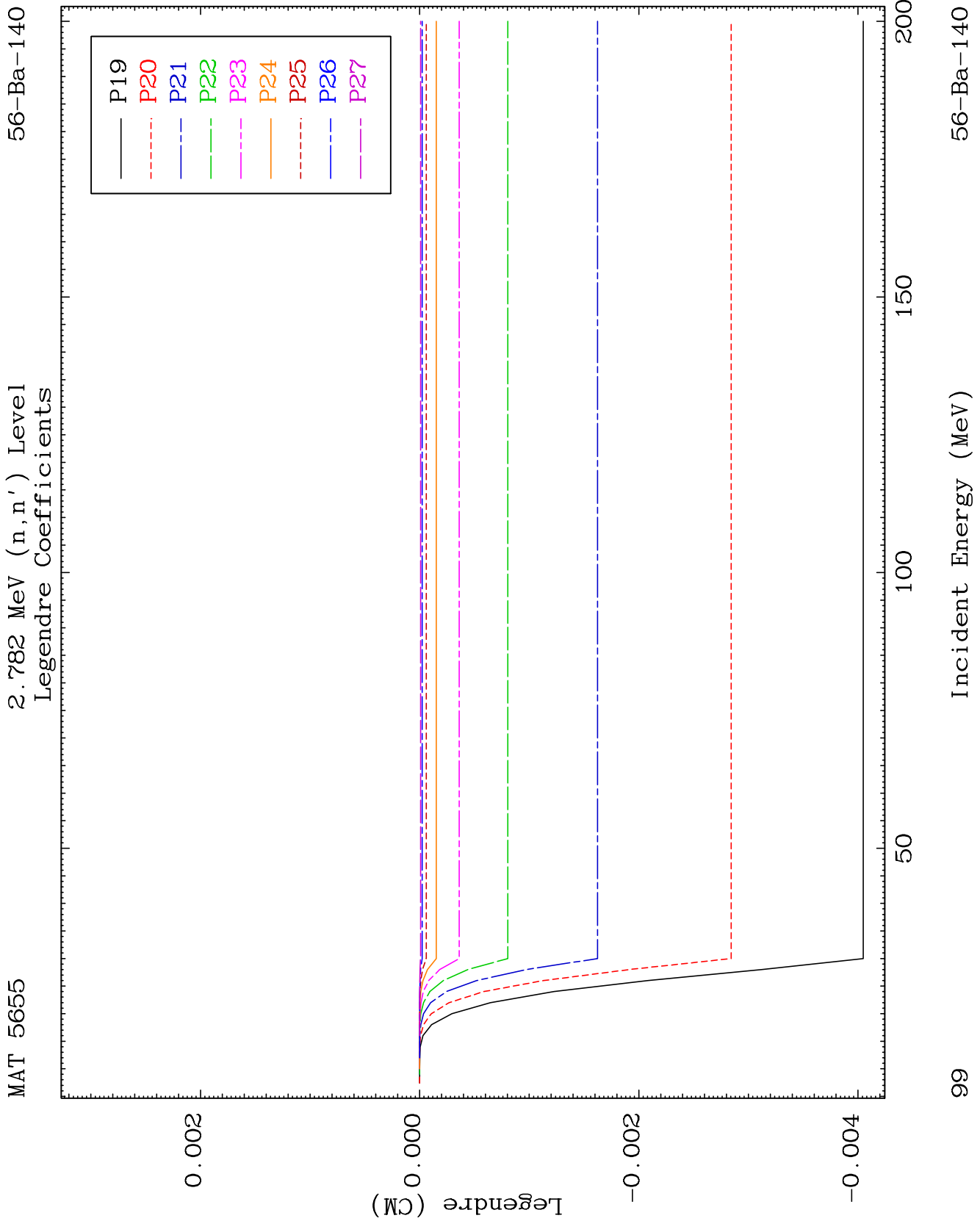
56-Ba-140

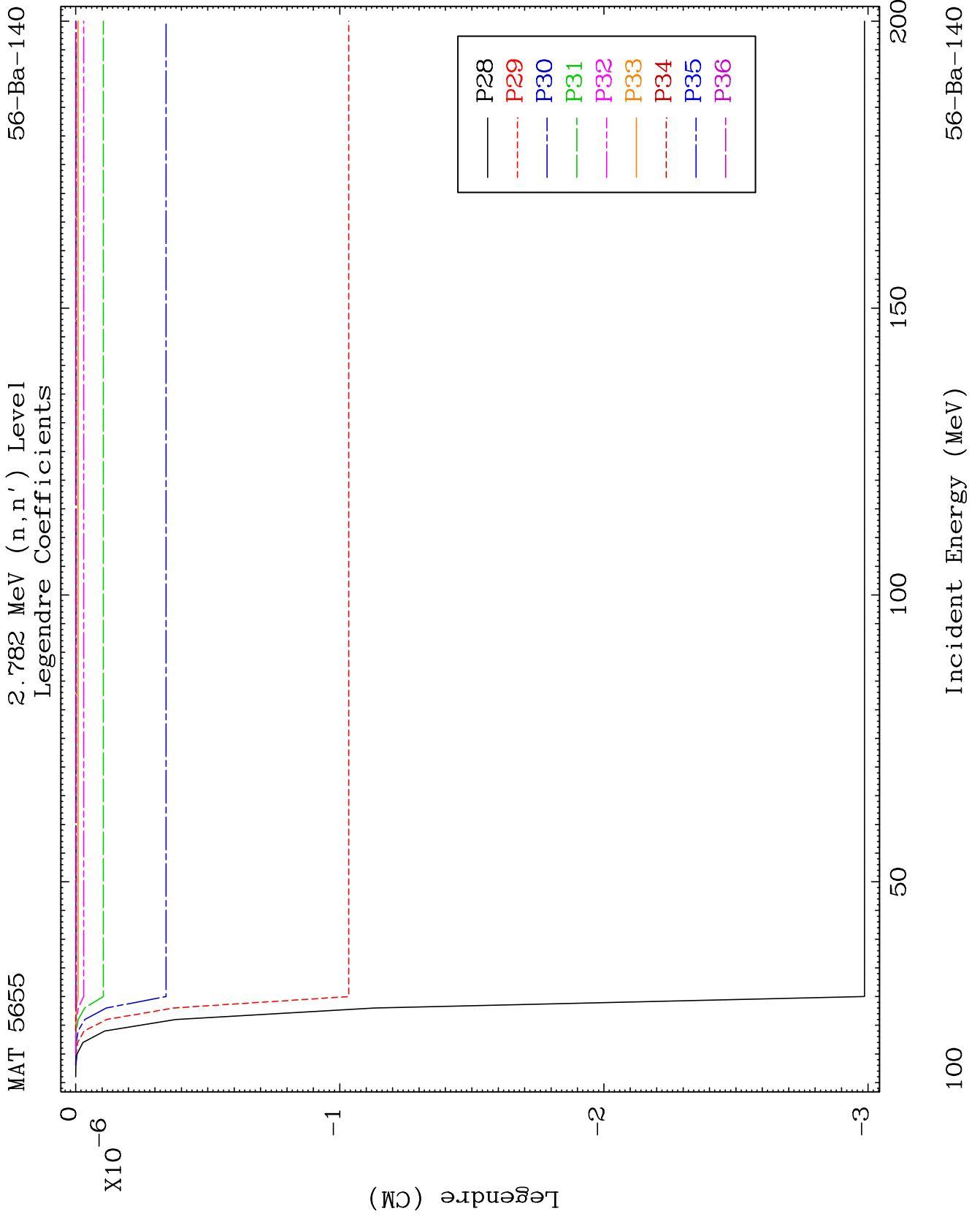


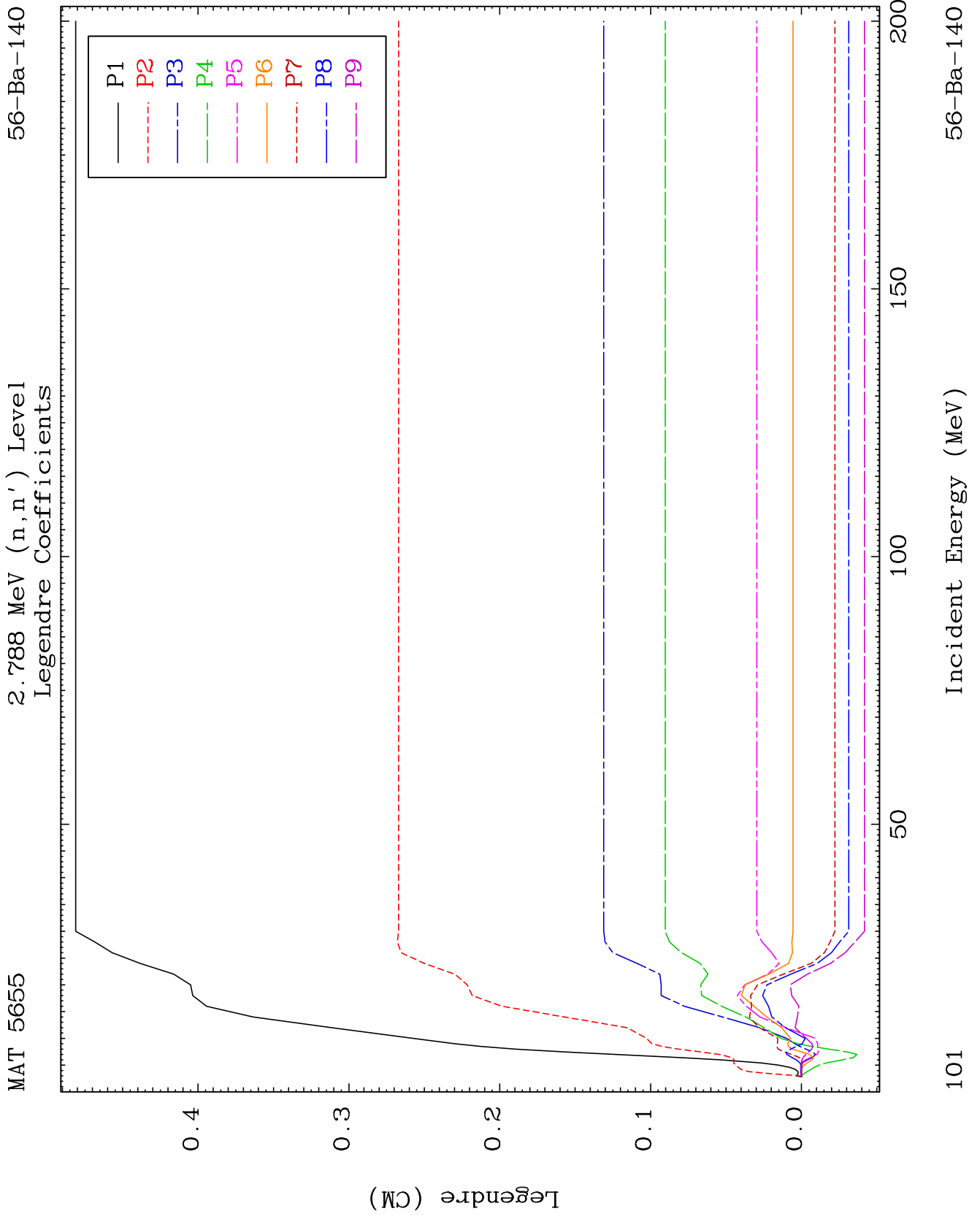
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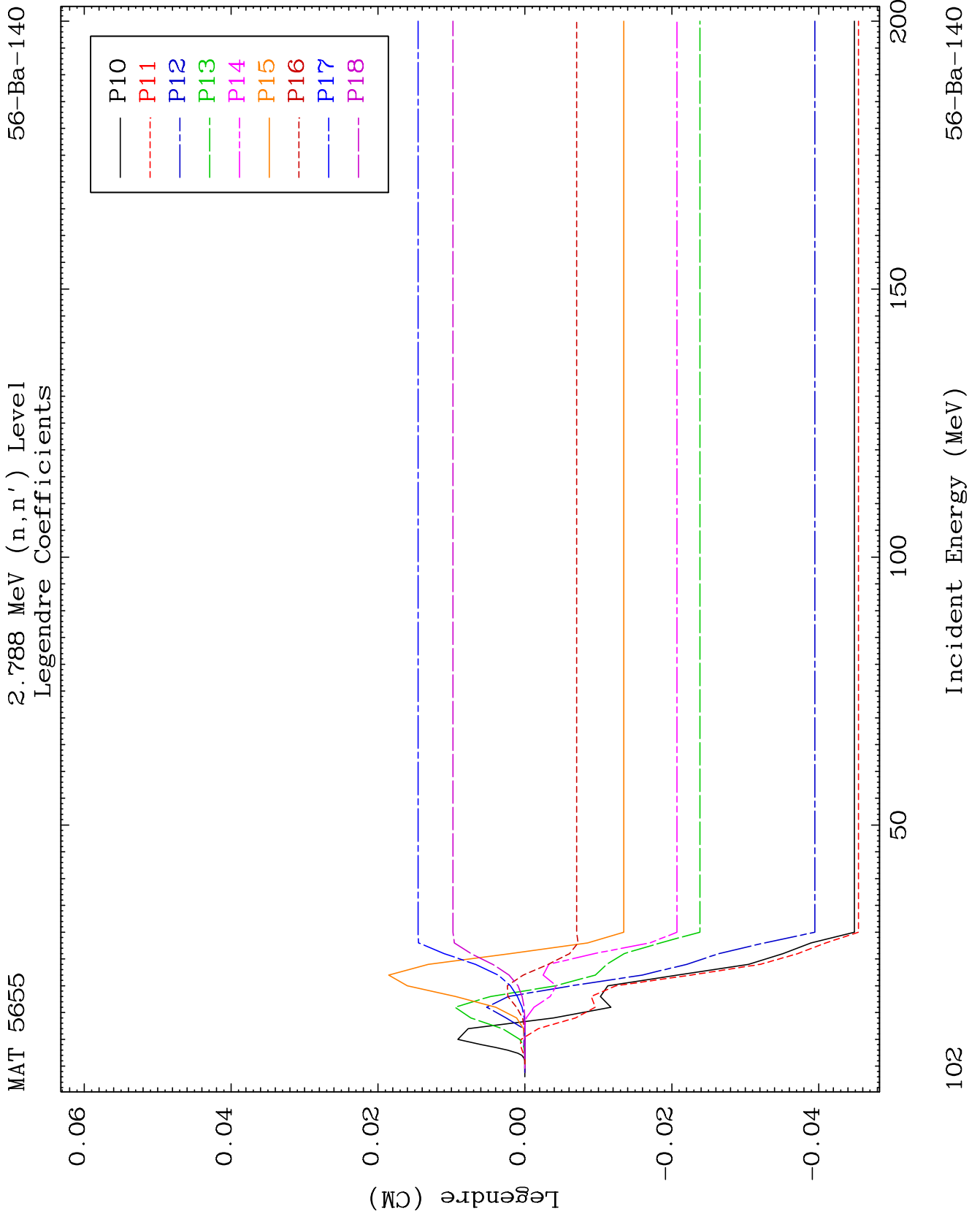
Incident Energy (MeV)

56-Ba-140





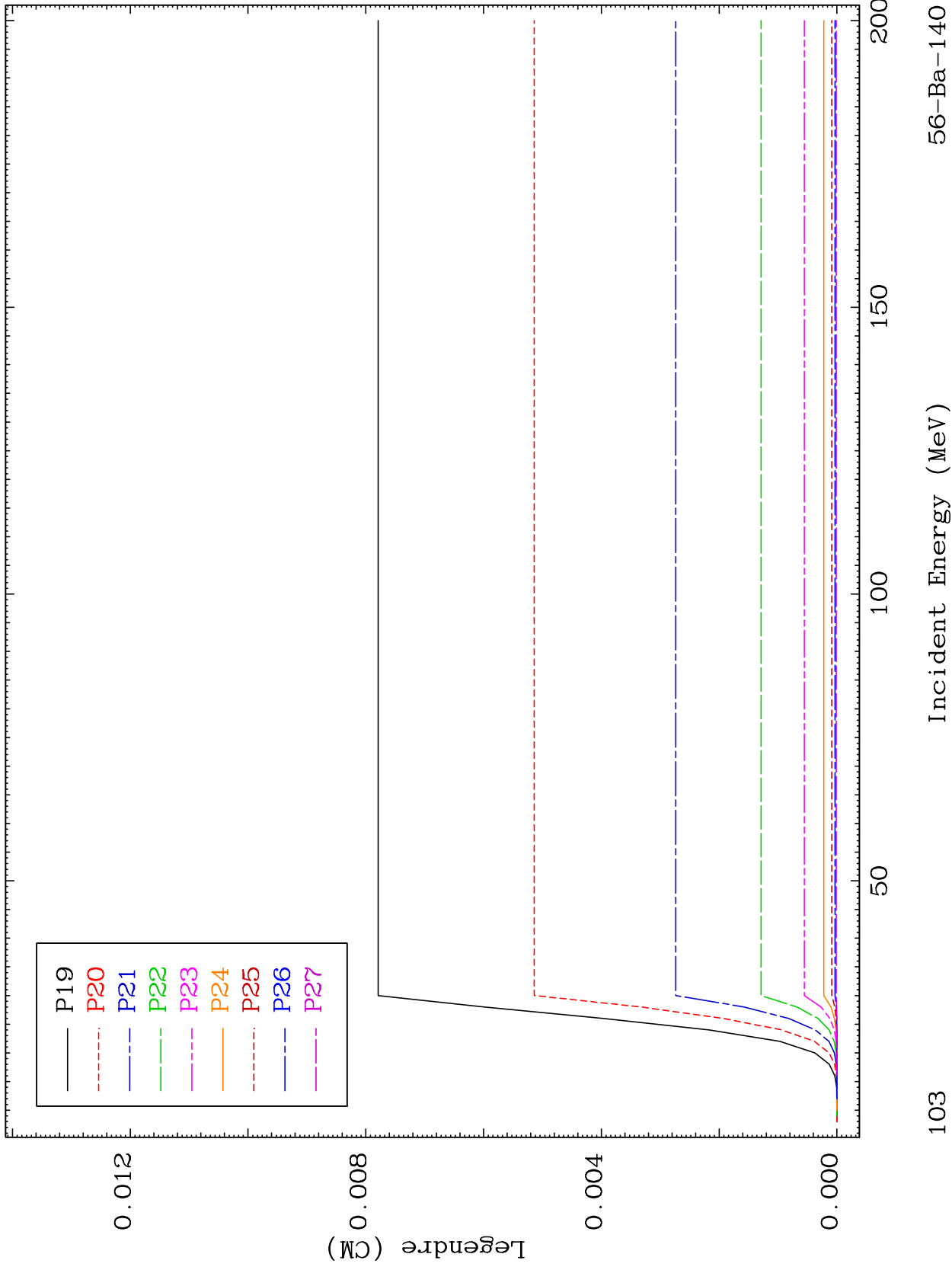




MAT 5655

2.788 MeV (n, n') Level
Legendre Coefficients

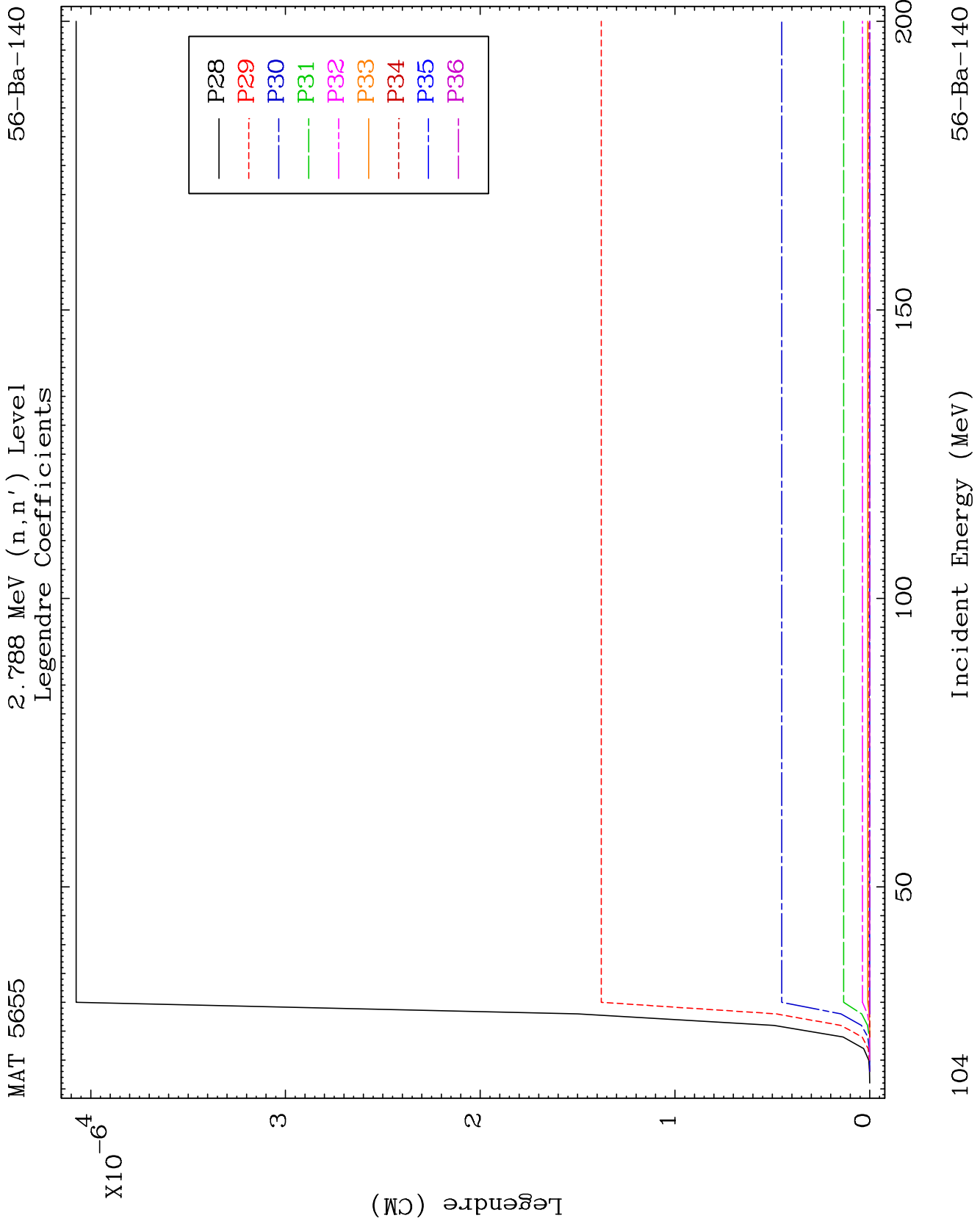
56-Ba-140

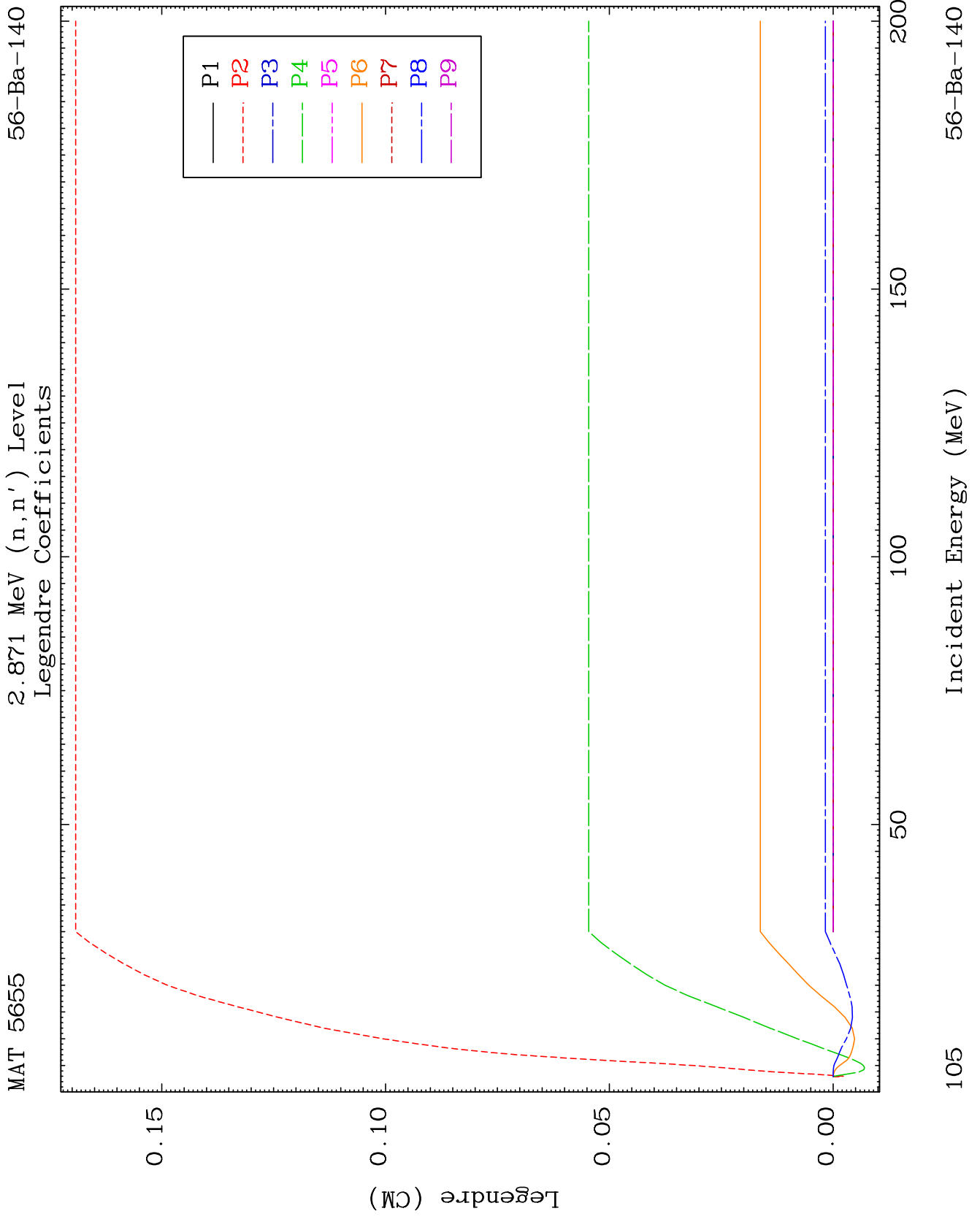


103

Incident Energy (MeV)

56-Ba-140

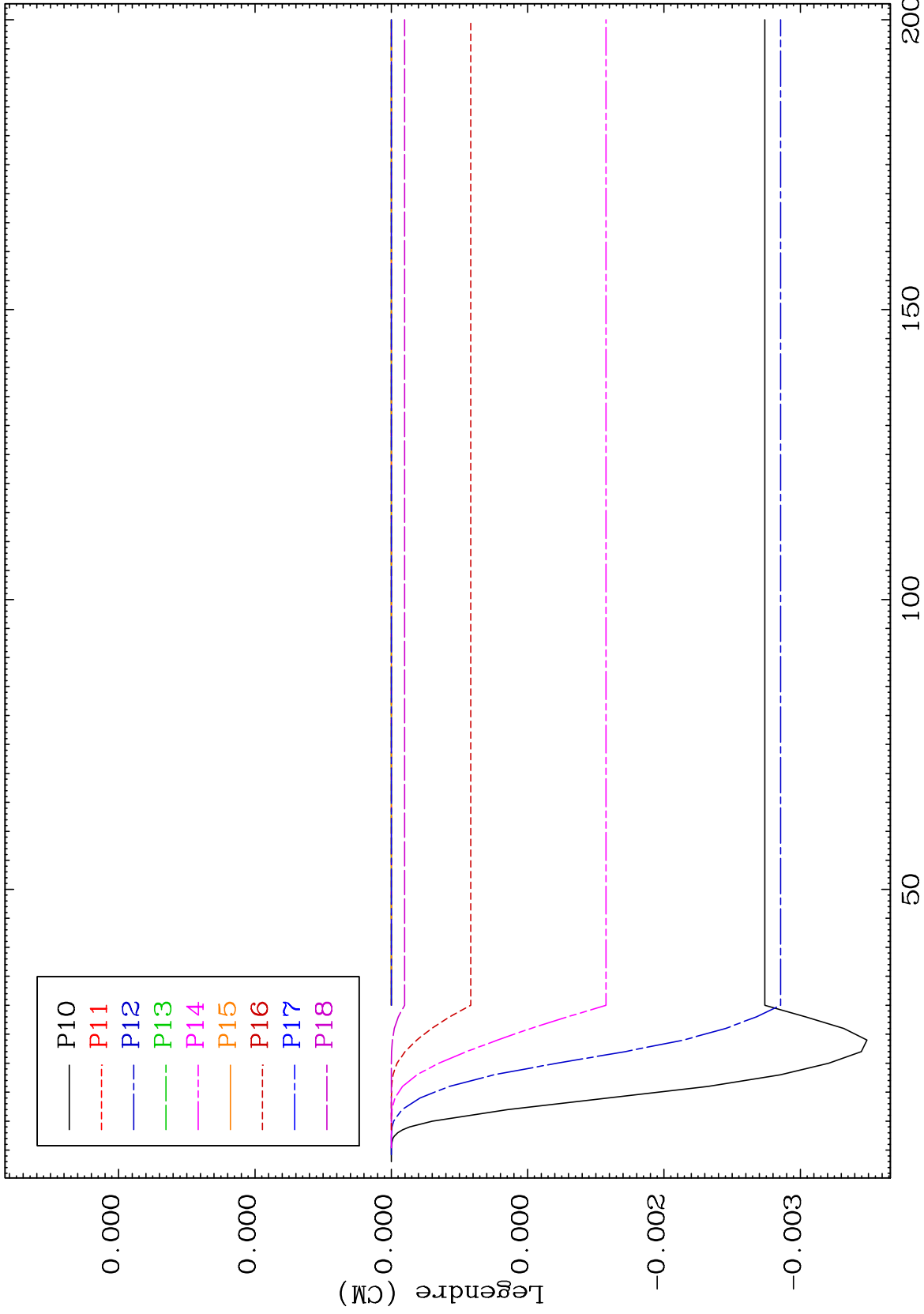




MAT 5655

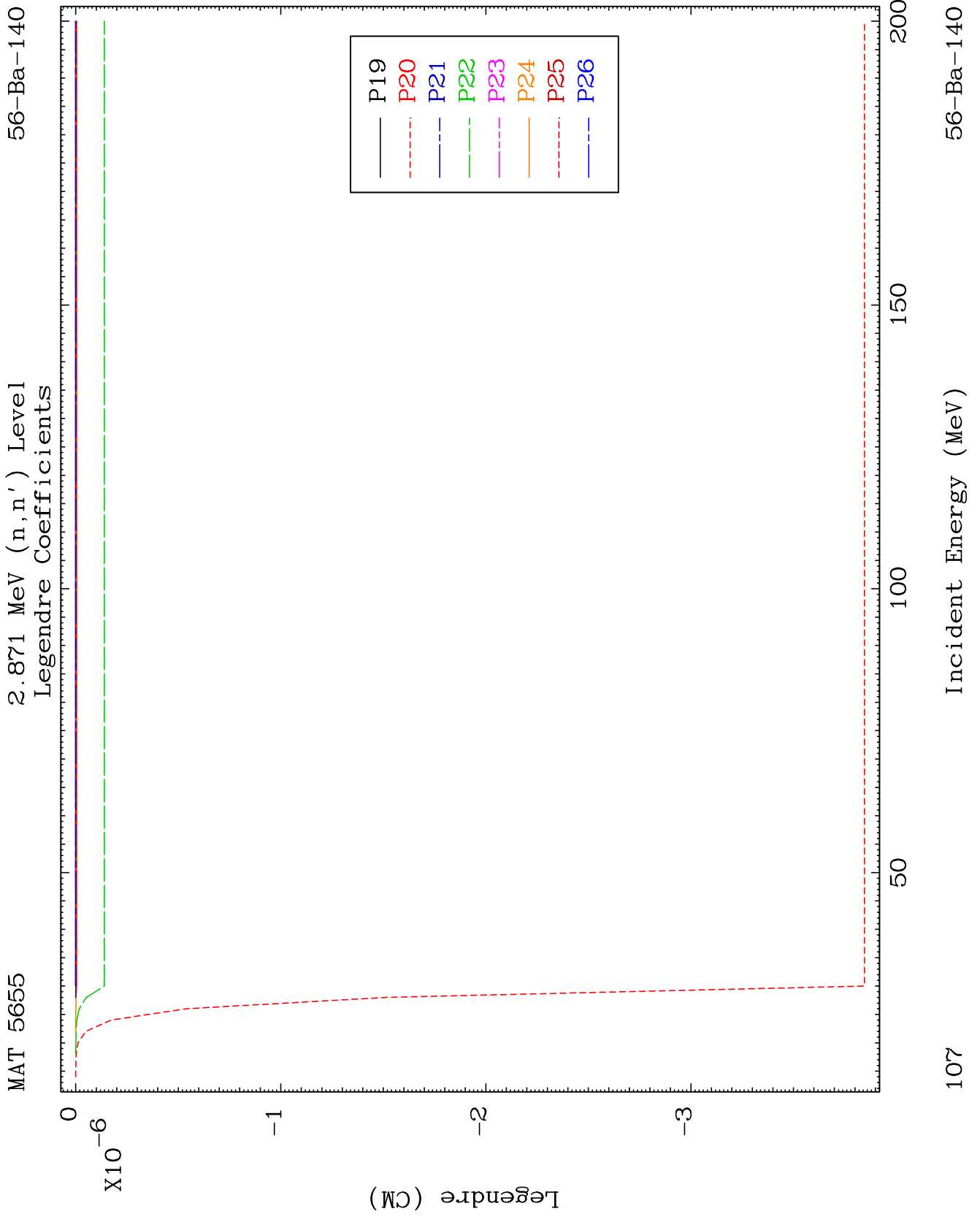
2.871 MeV (n,n') Level
Legendre Coefficients

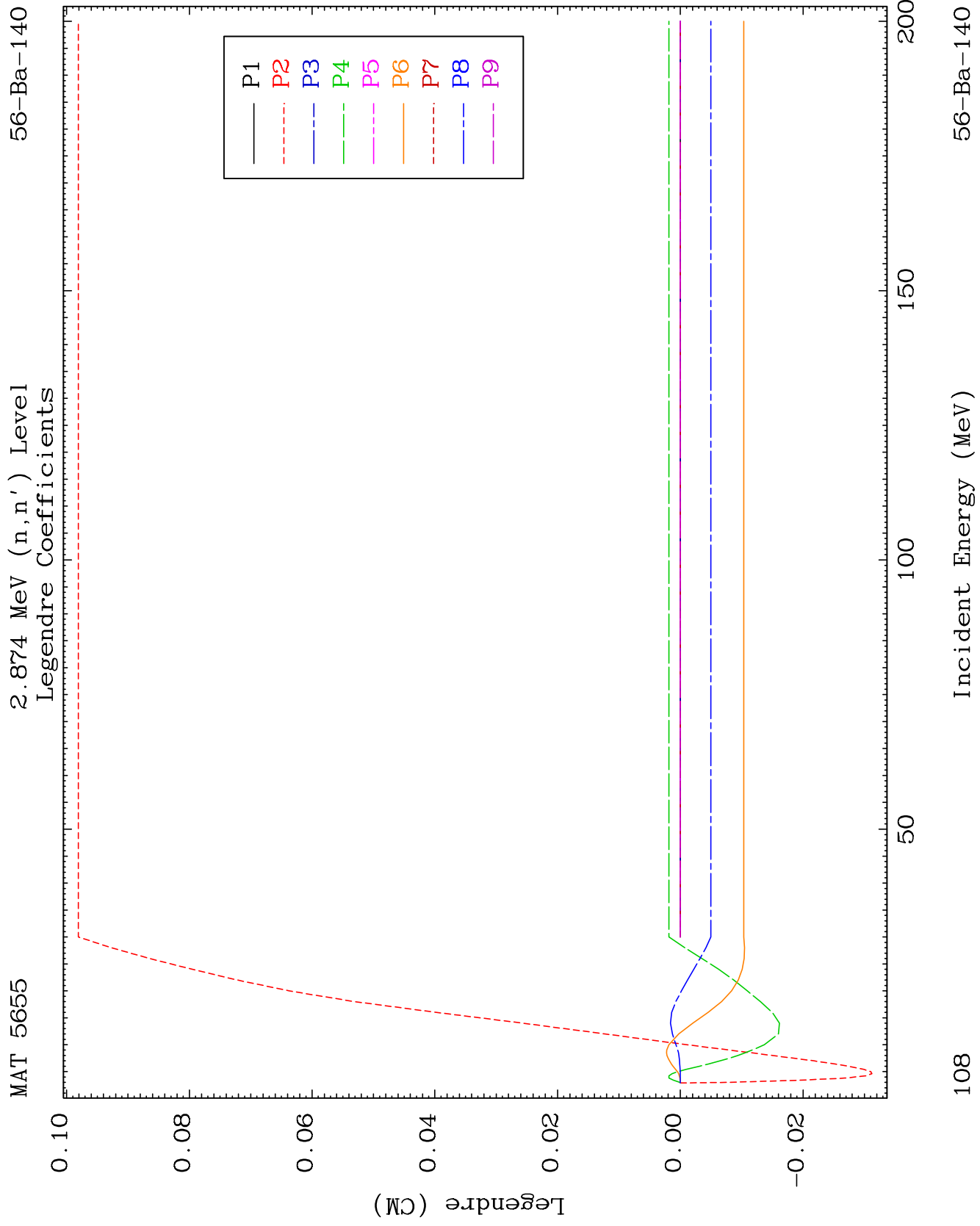
56-Ba-140

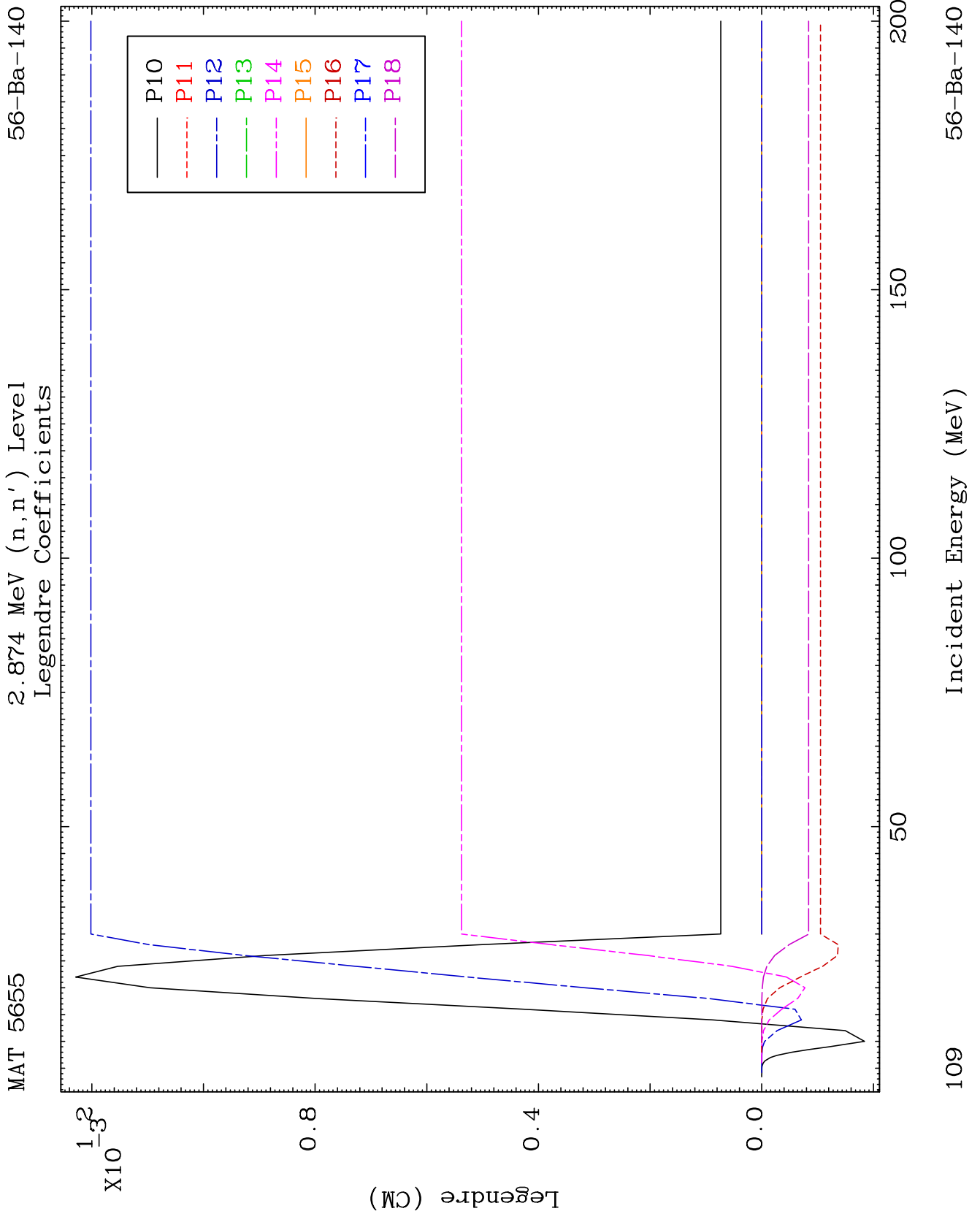


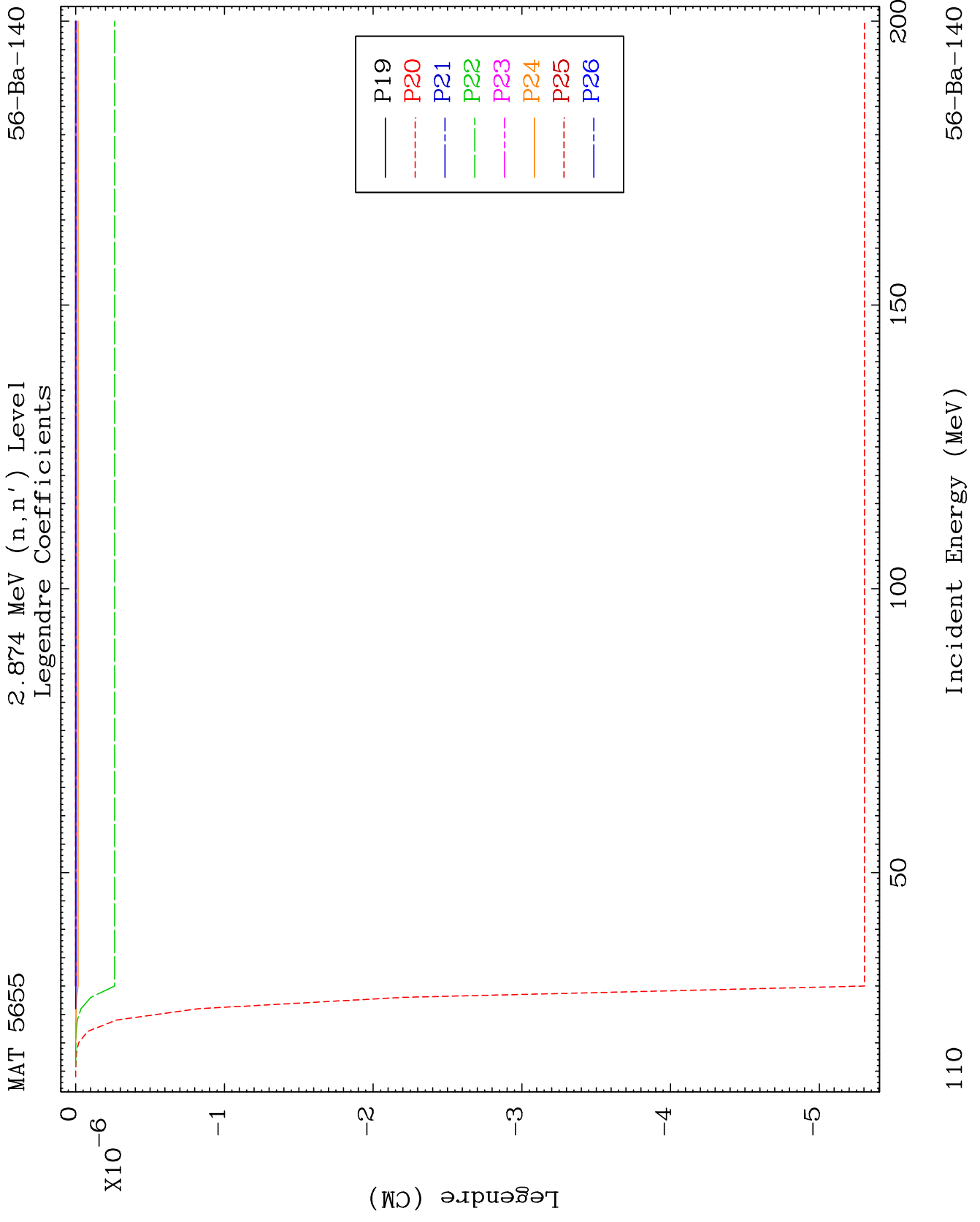
106

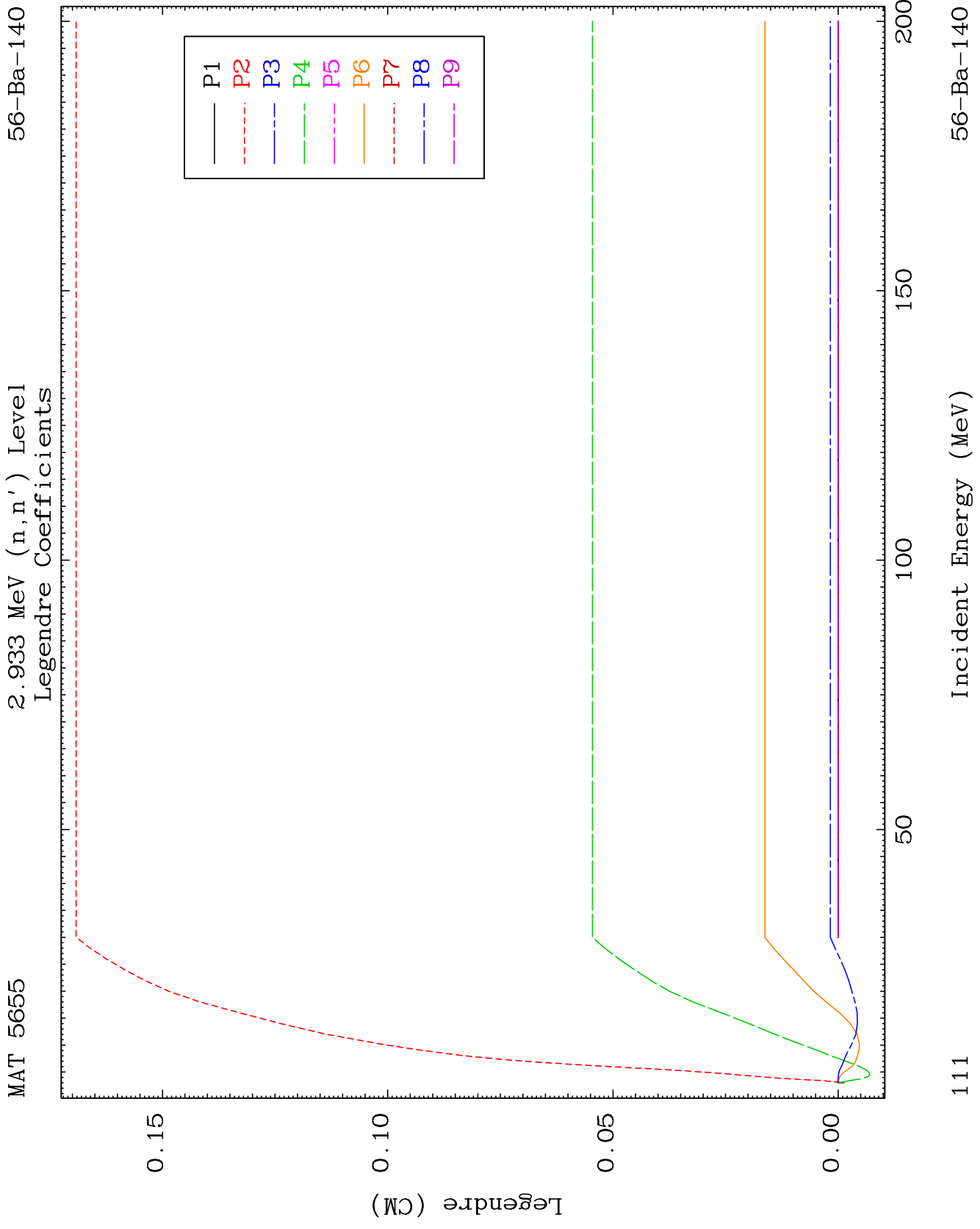
56-Ba-140







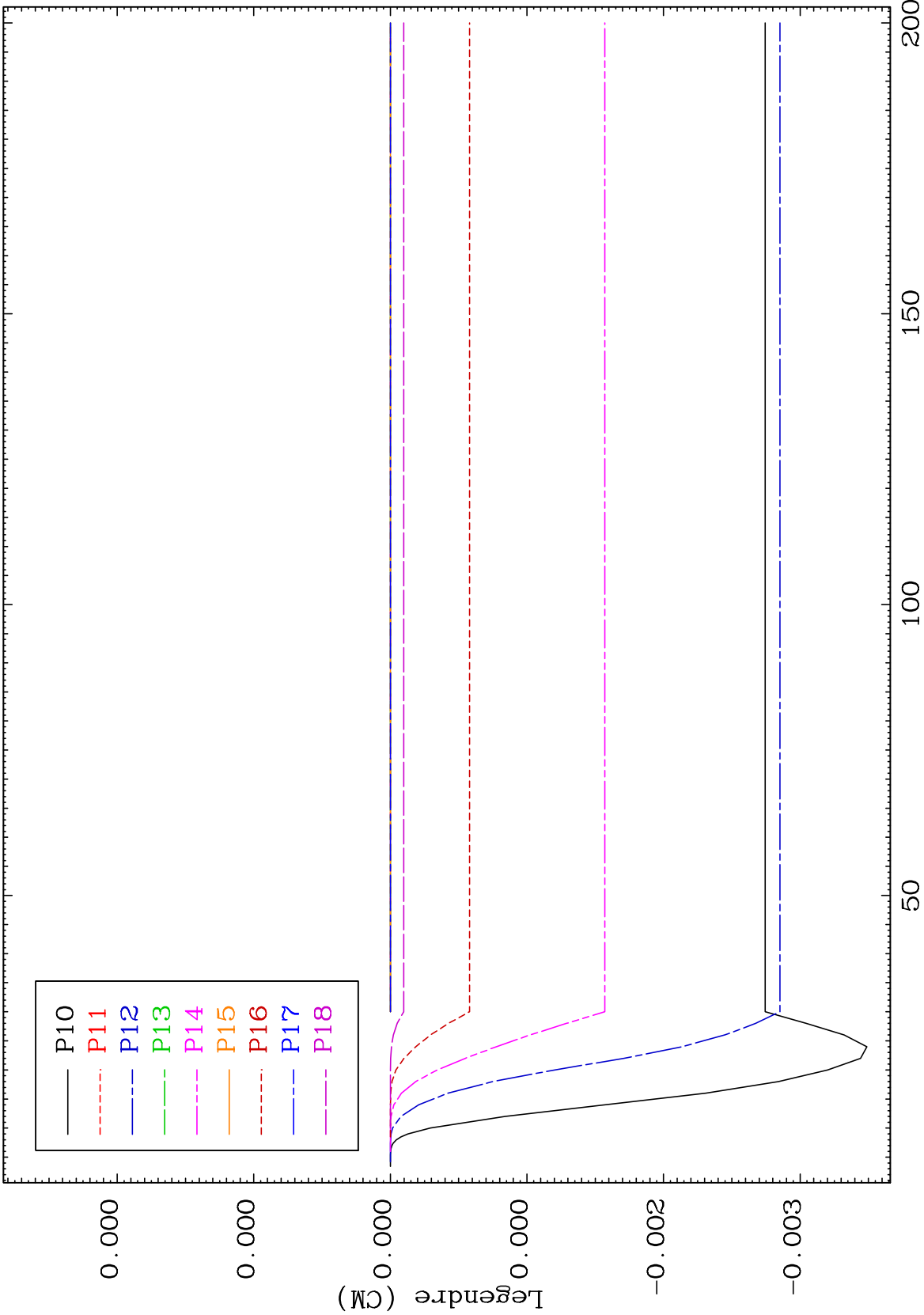




MAT 5655

2.933 MeV (n,n') Level
Legendre Coefficients

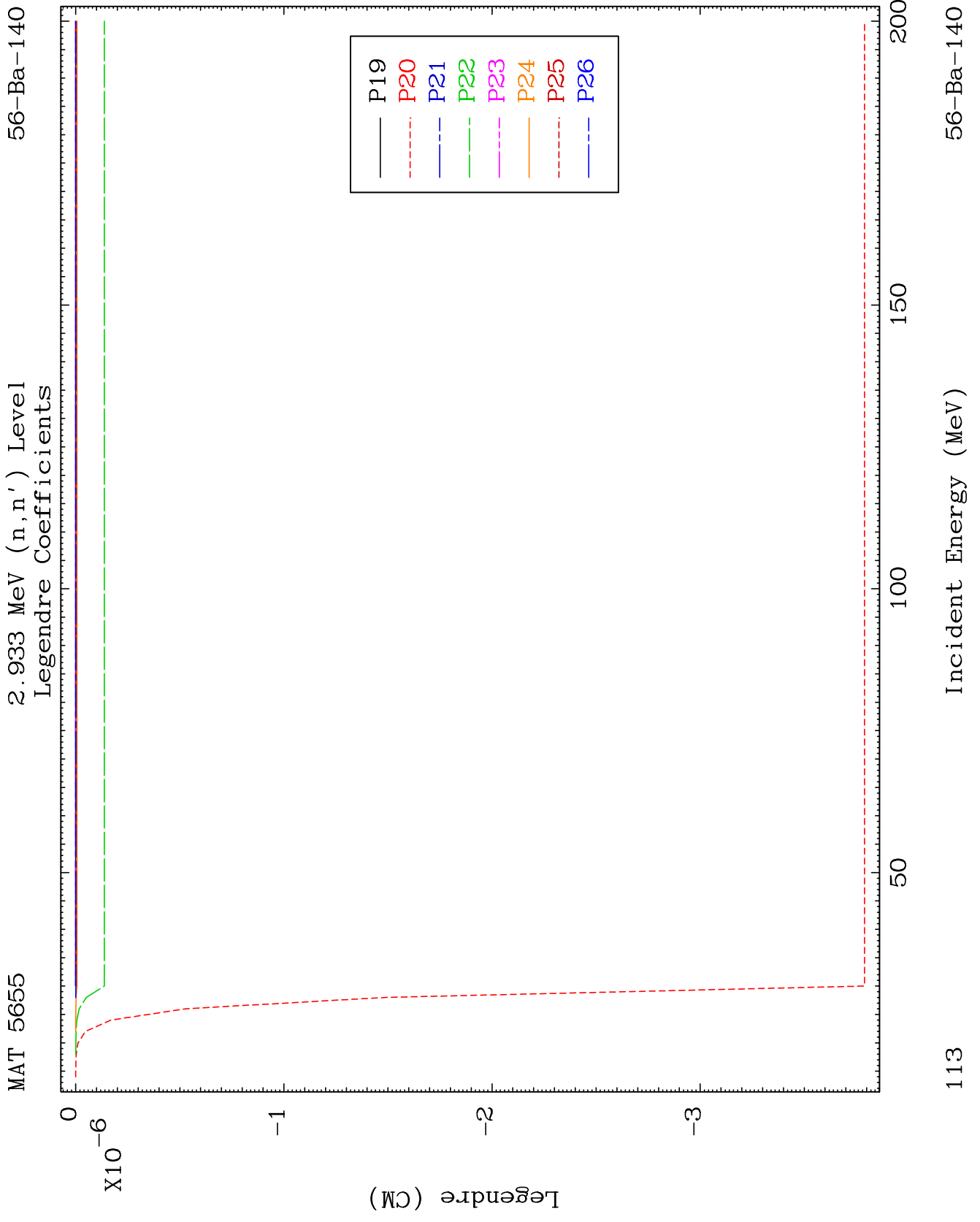
56-Ba-140

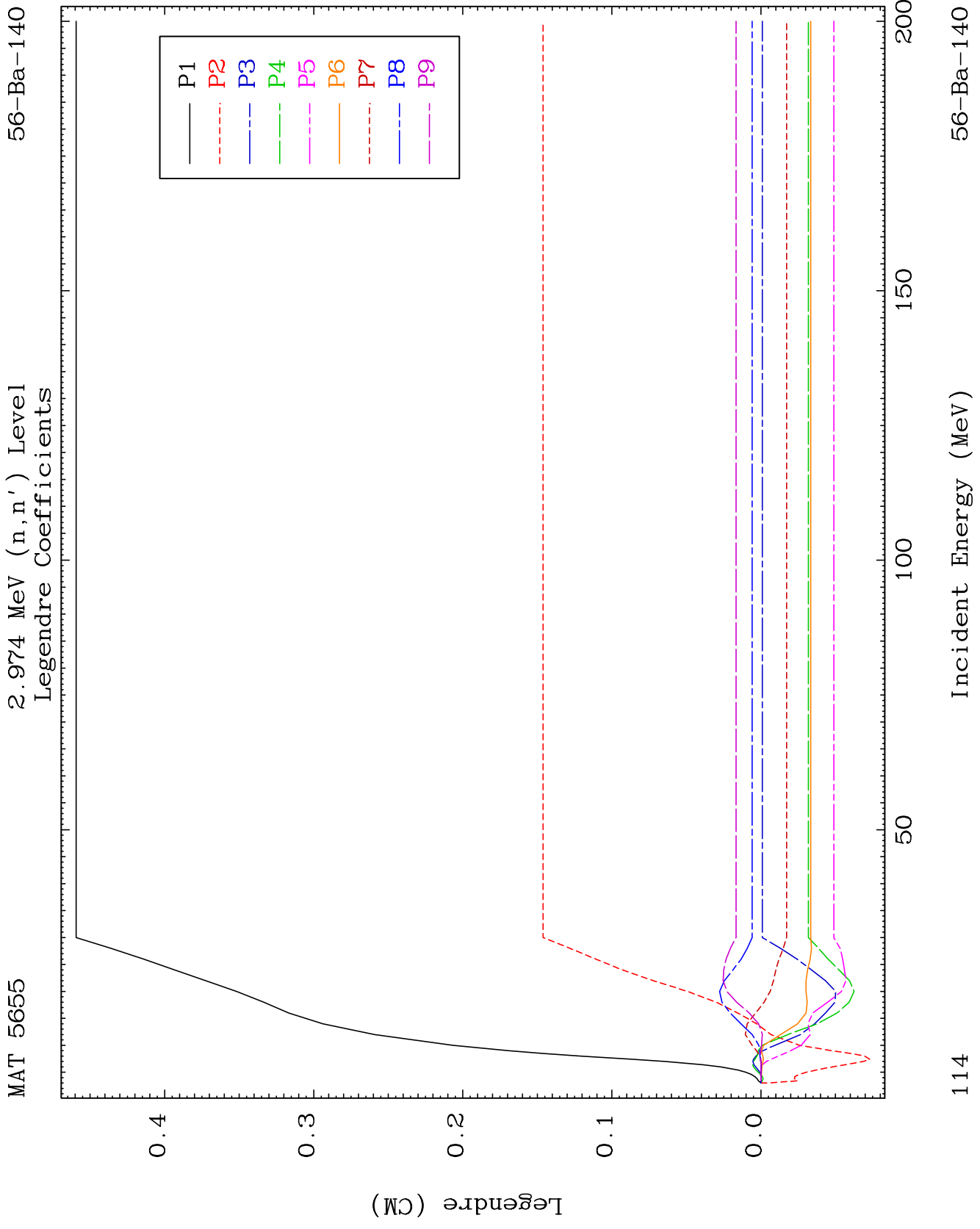


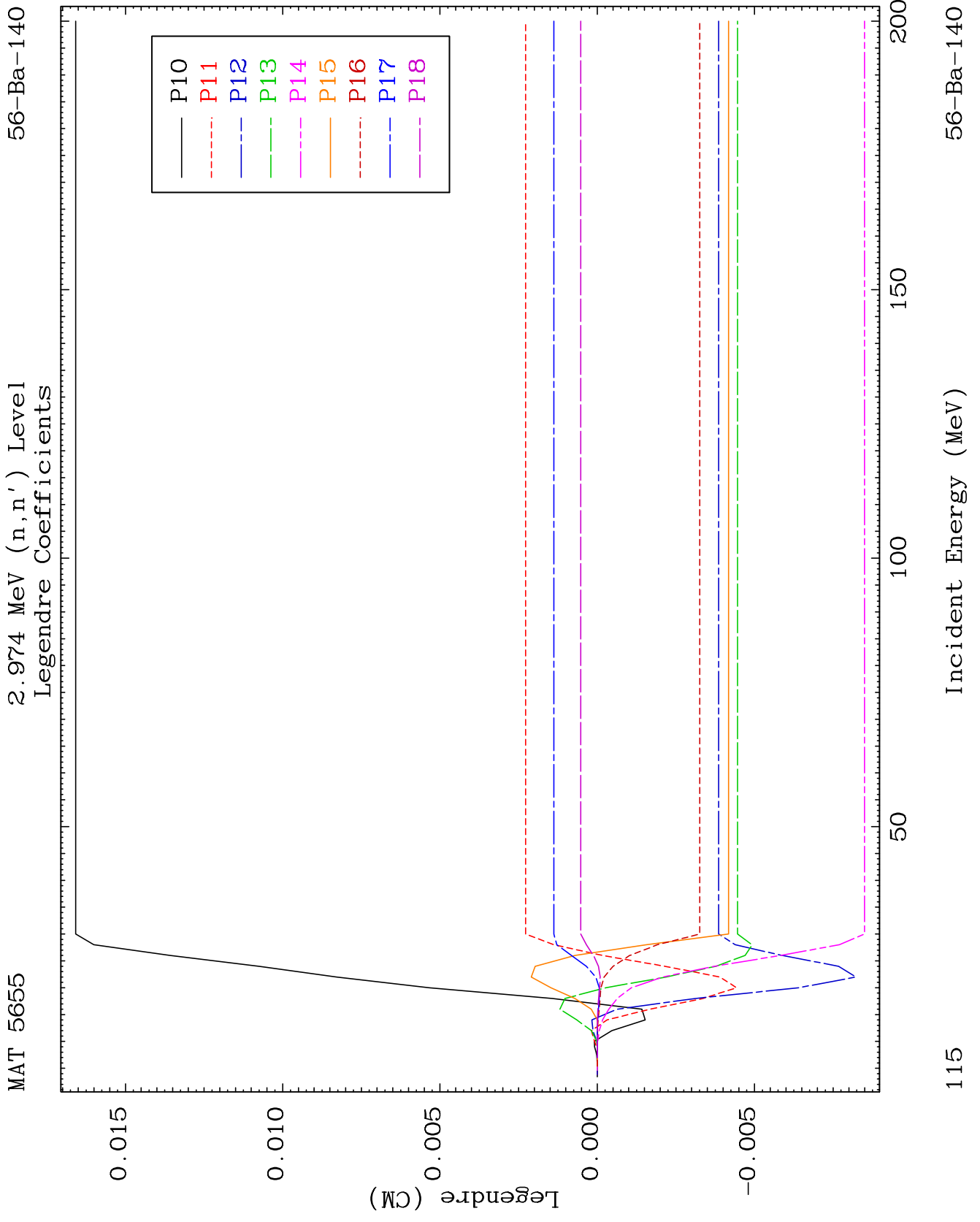
112

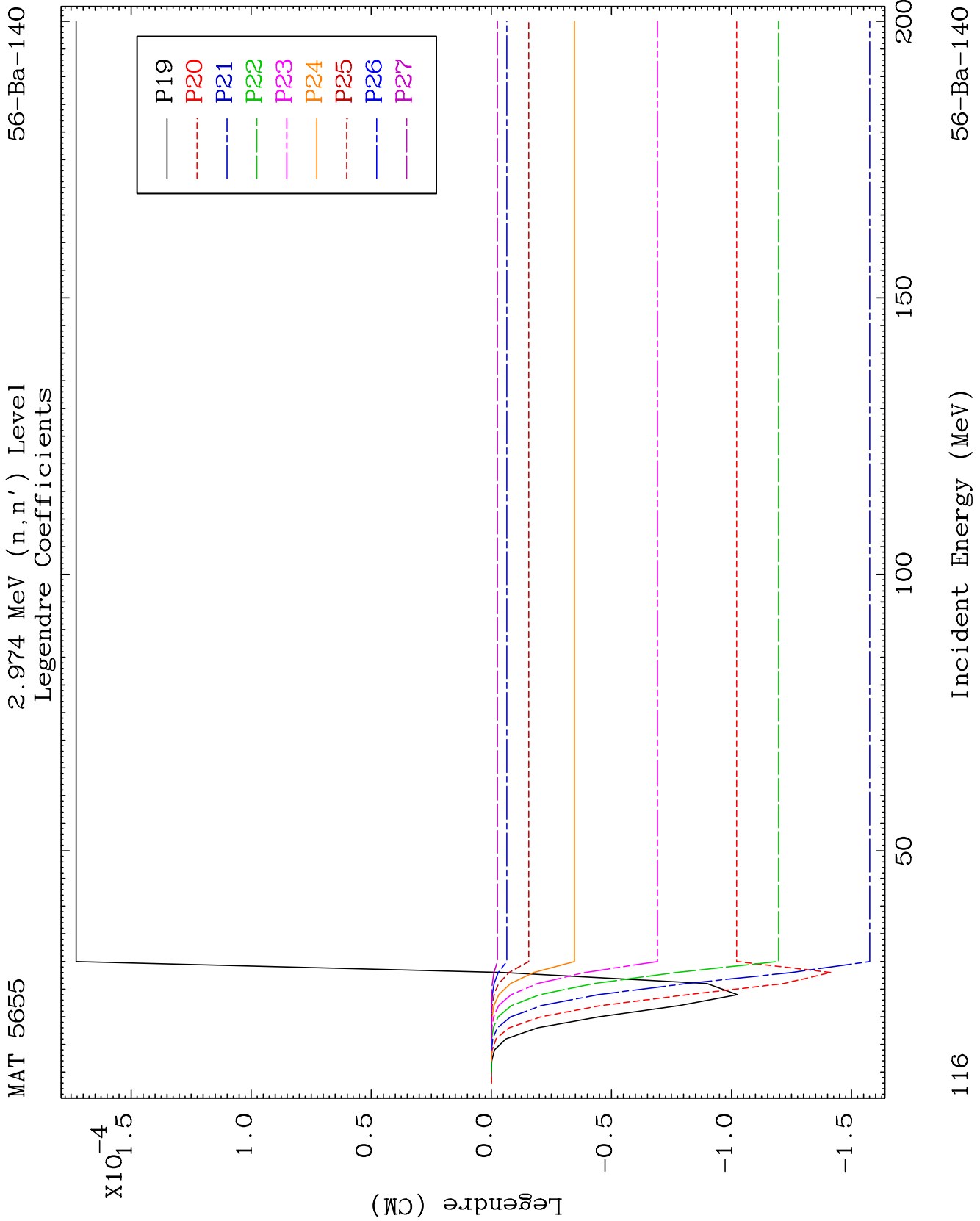
Incident Energy (MeV)

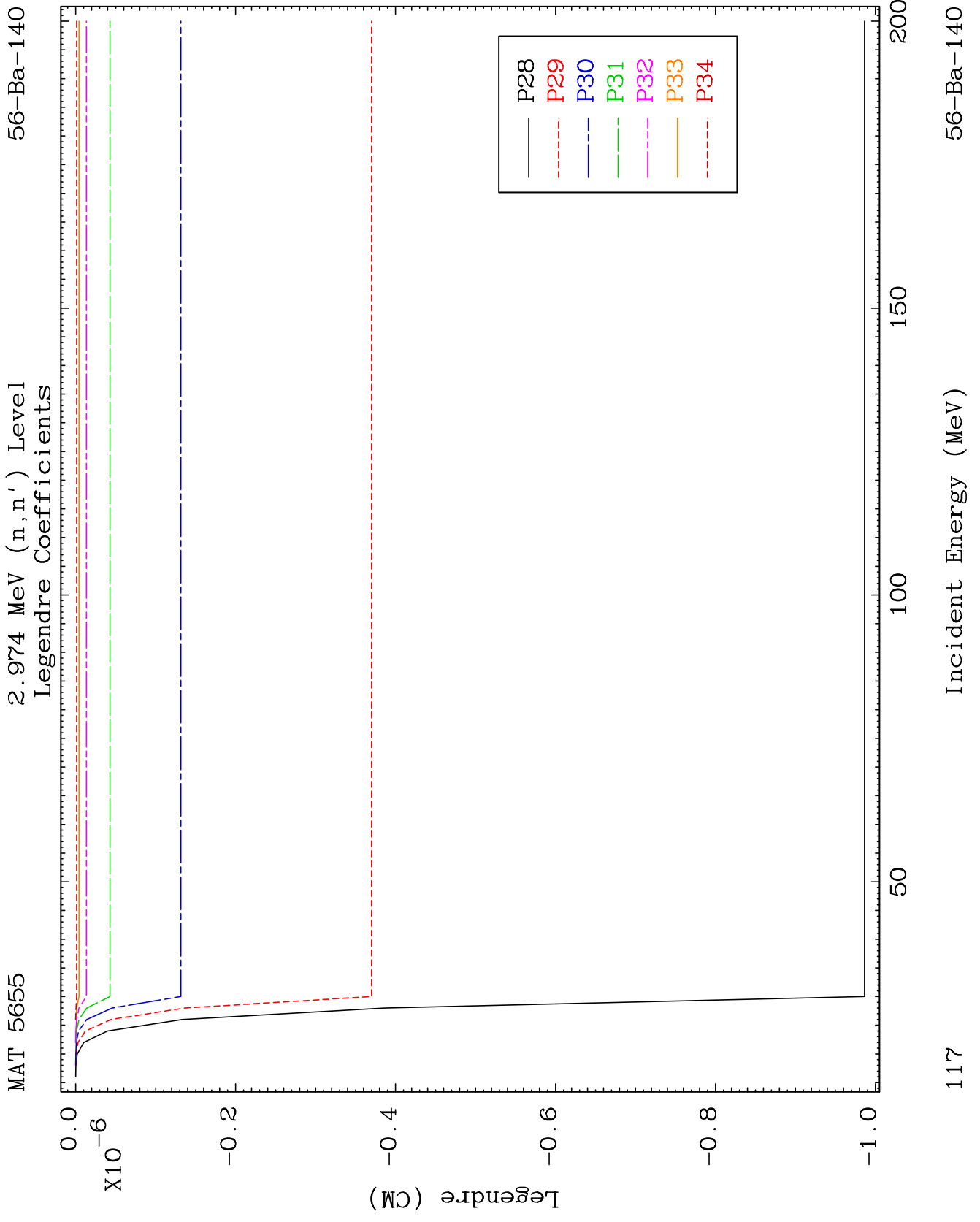
56-Ba-140

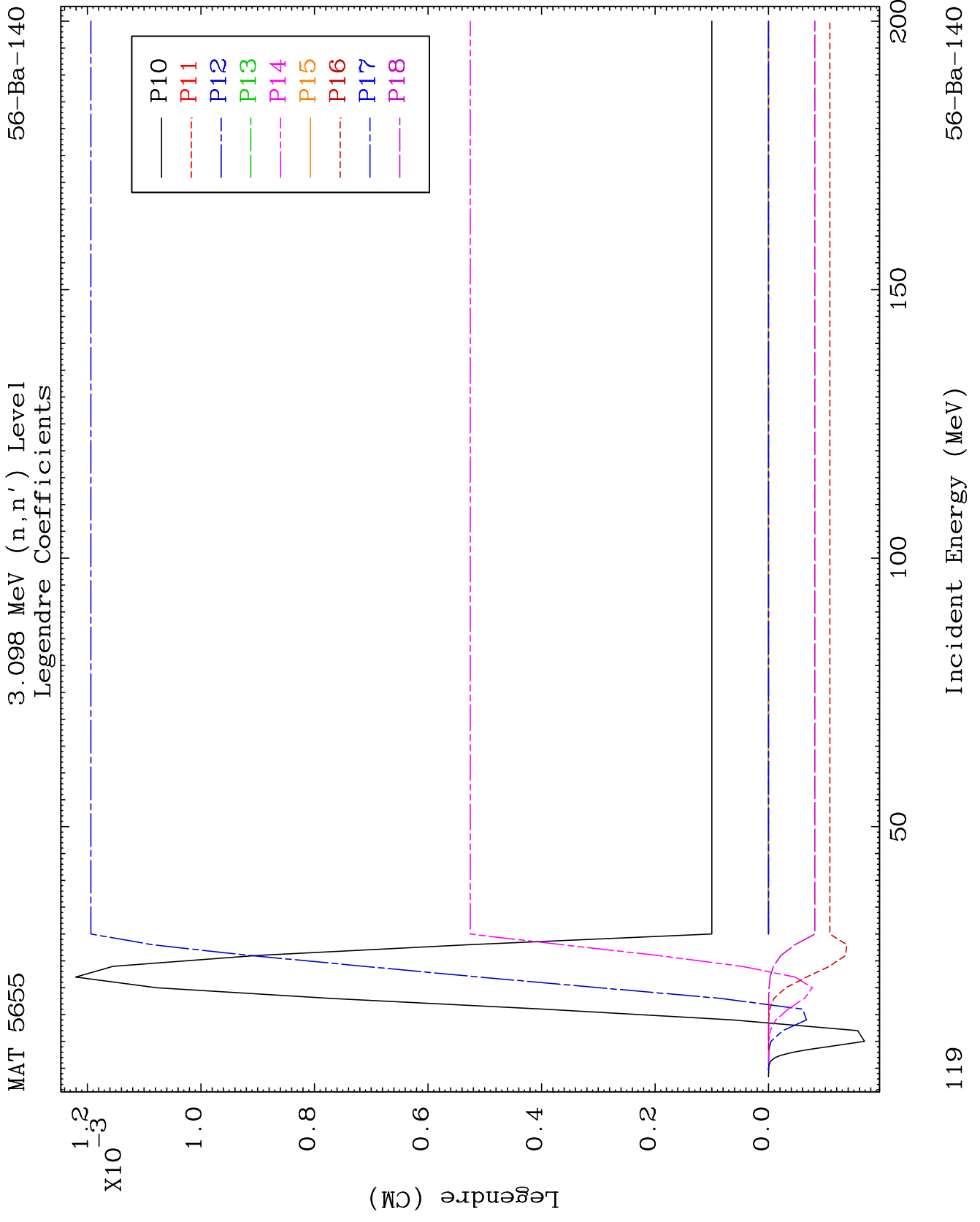


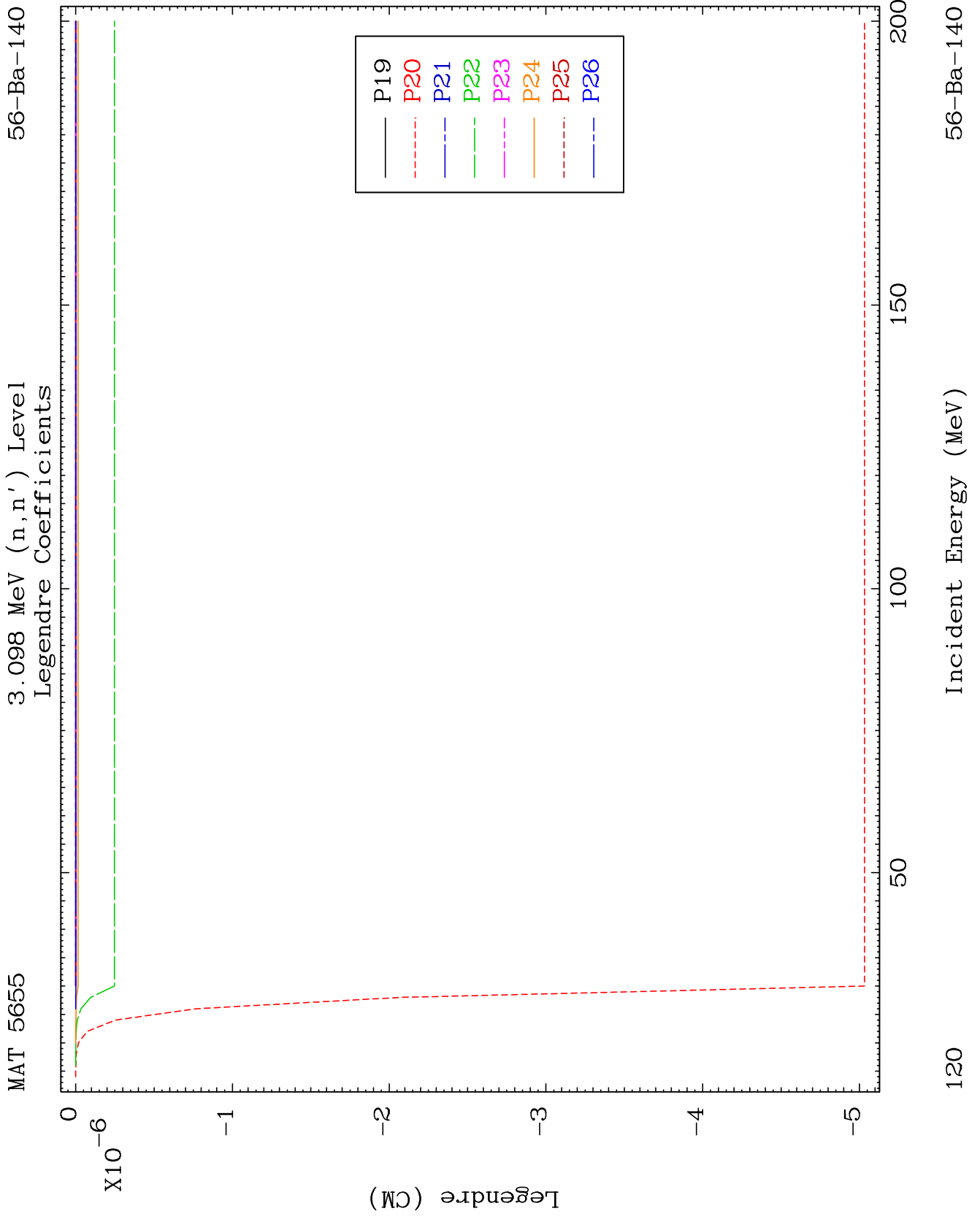










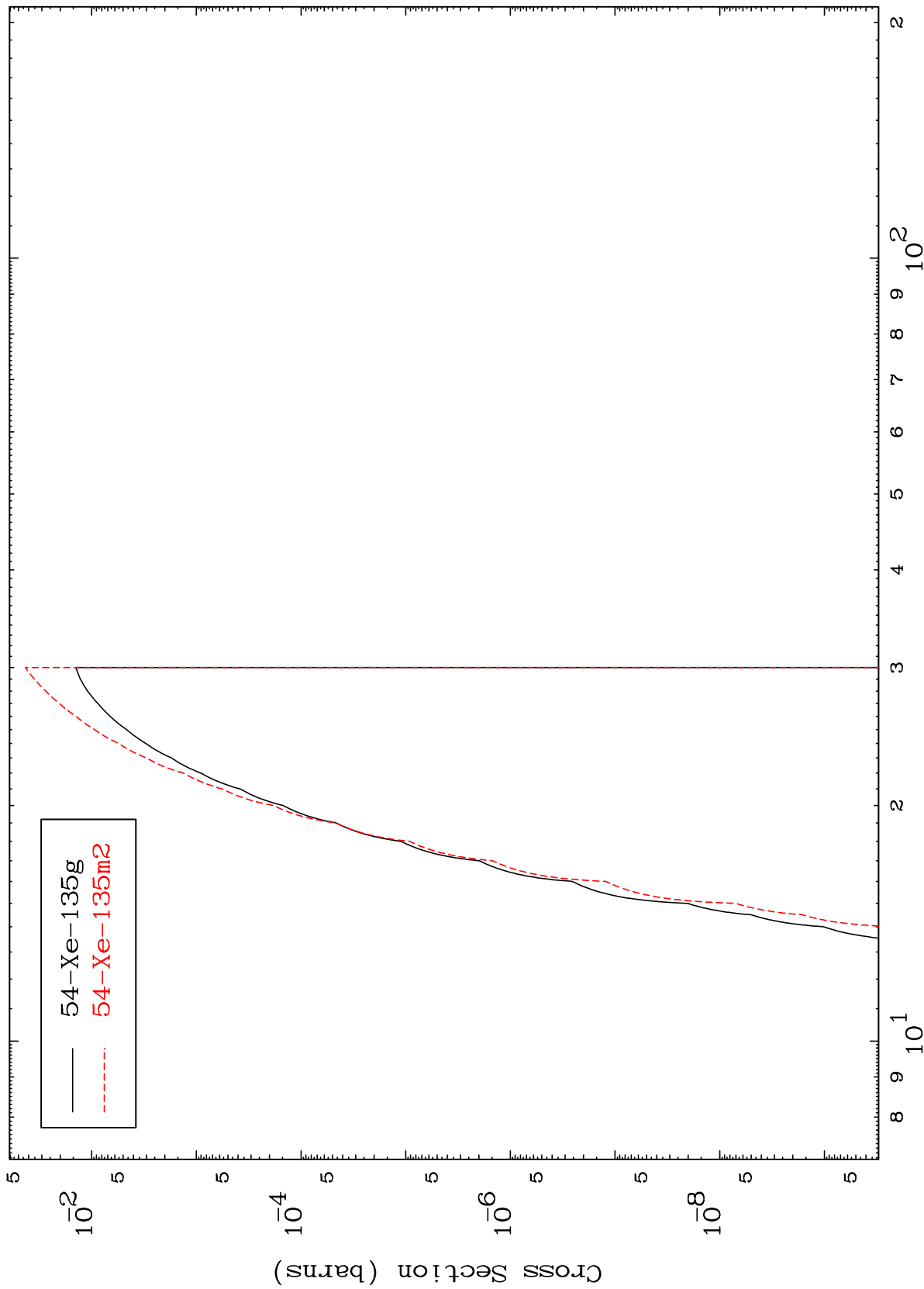


MAT 5655

(n,2n) α

56-Ba-140

Radionuclide Production Cross Section



121

Incident Energy (MeV)

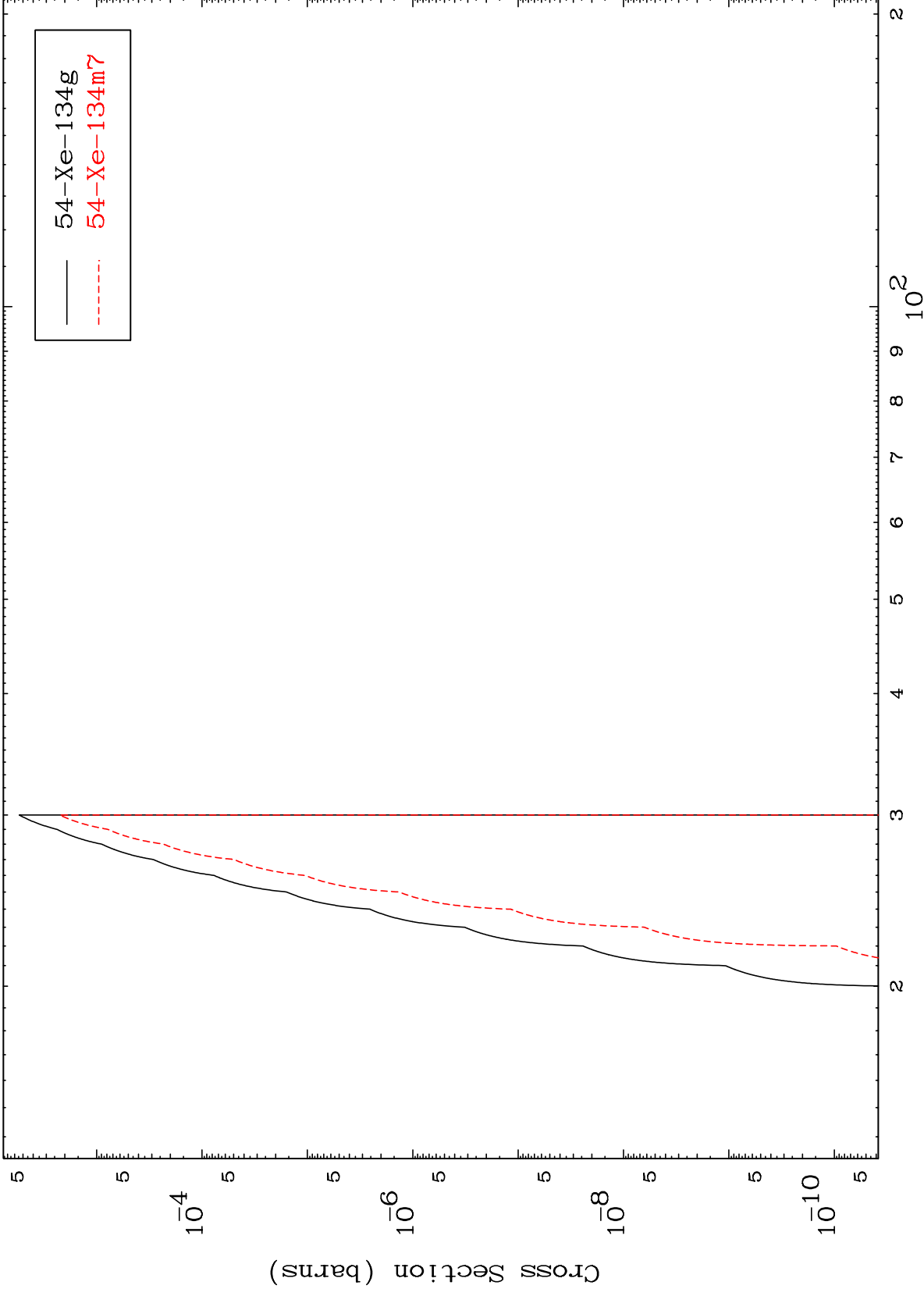
56-Ba-140

MAT 5655

(n,3n) α

56-Ba-140

Radionuclide Production Cross Section



122

Incident Energy (MeV)

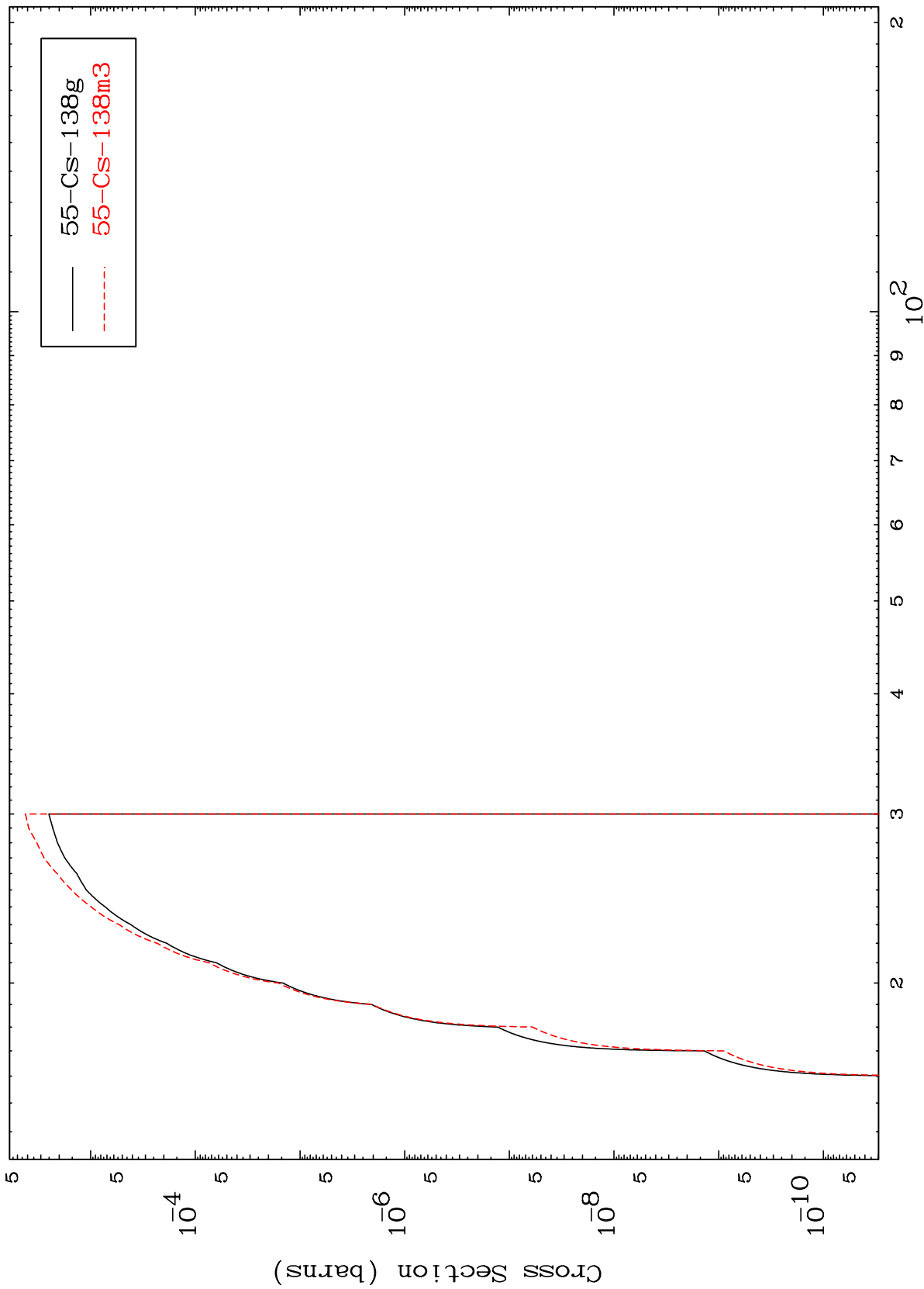
56-Ba-140

MAT 5655

(n,n') d

56-Ba-140

Radionuclide Production Cross Section



123

Incident Energy (MeV)

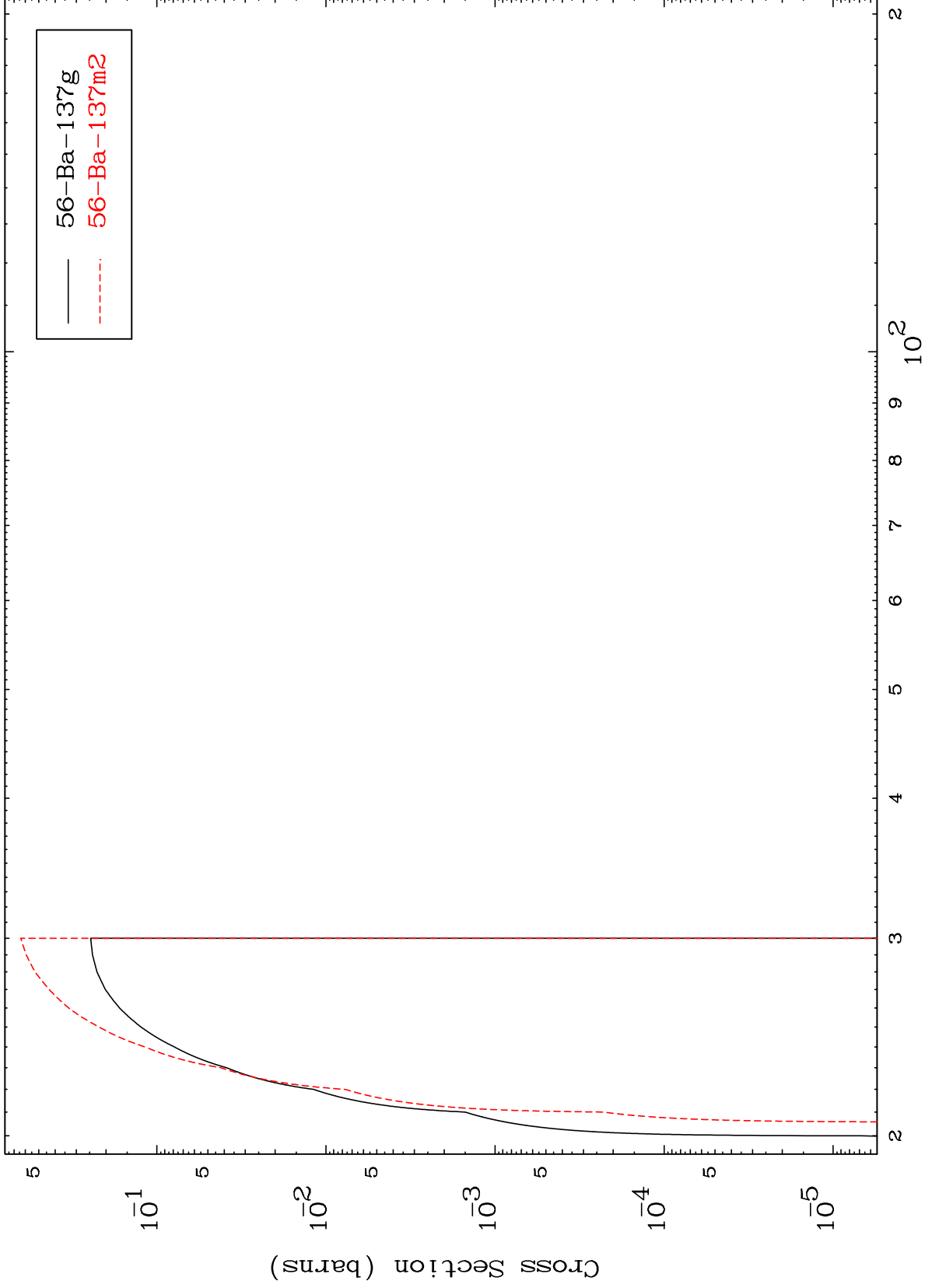
56-Ba-140

MAT 5655

(n,4n)

56-Ba-140

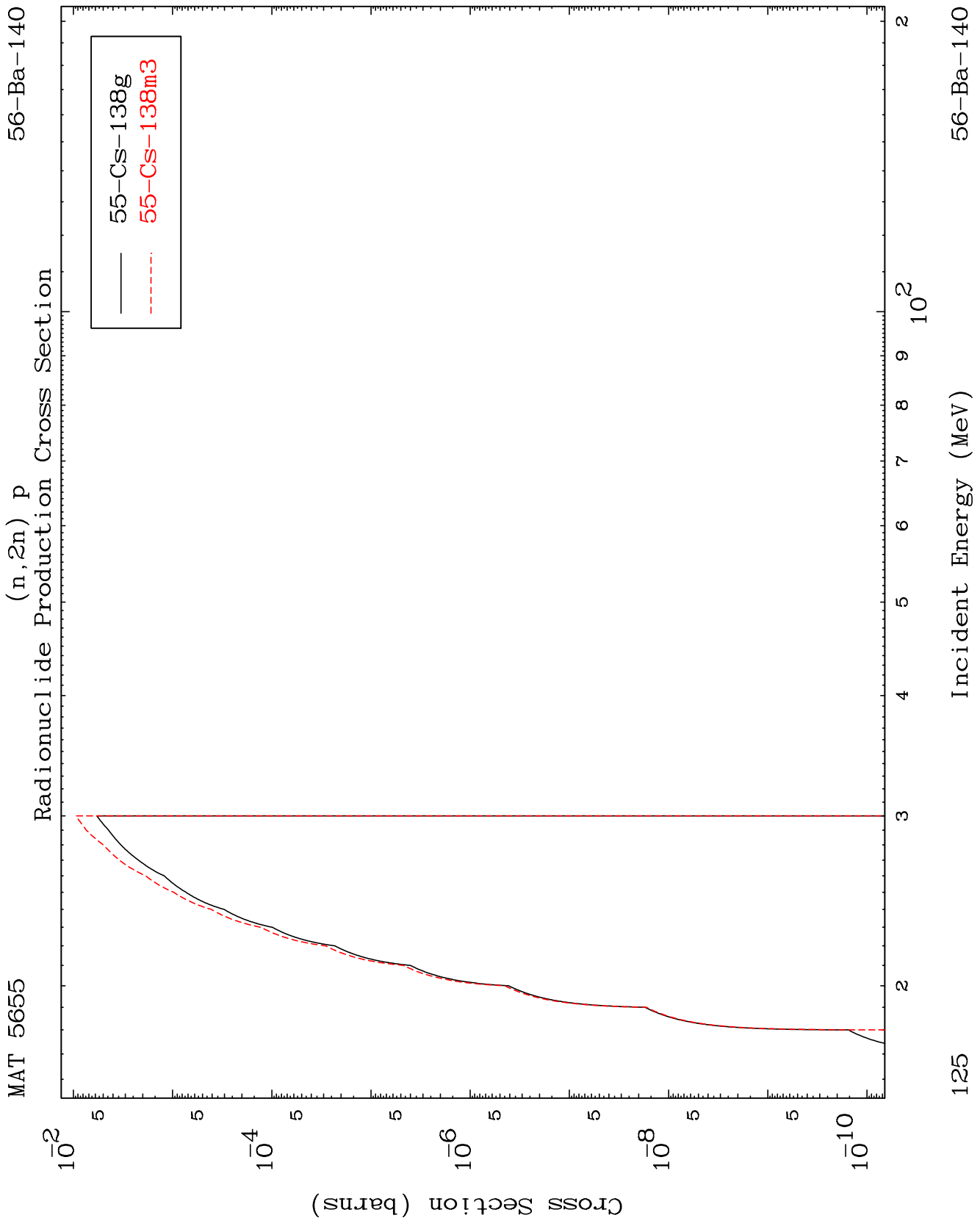
Radionuclide Production Cross Section



124

Incident Energy (MeV)

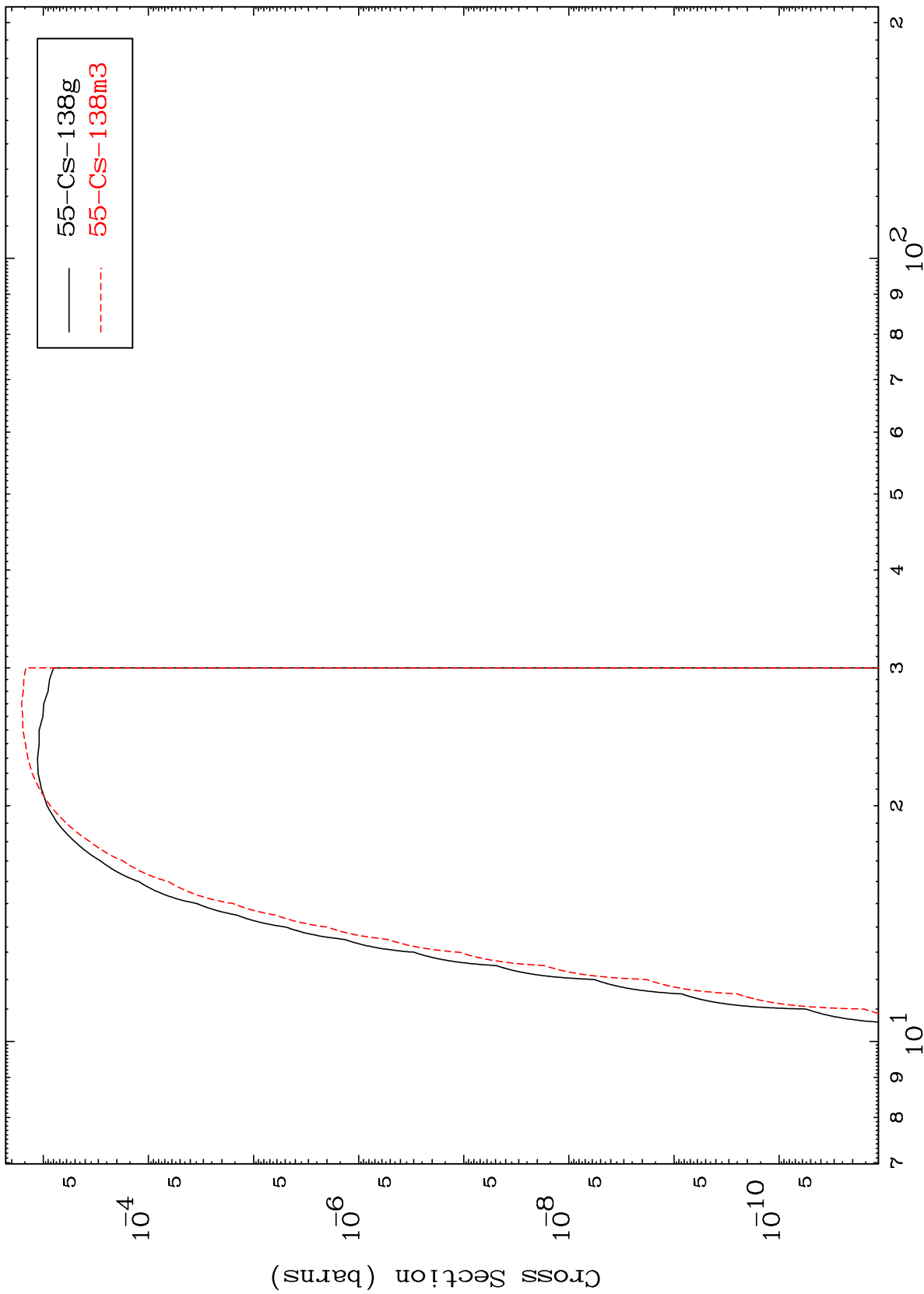
56-Ba-140



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56-Ba-140

(n,t)
Radionuclide Production Cross Section



126

Incident Energy (MeV)

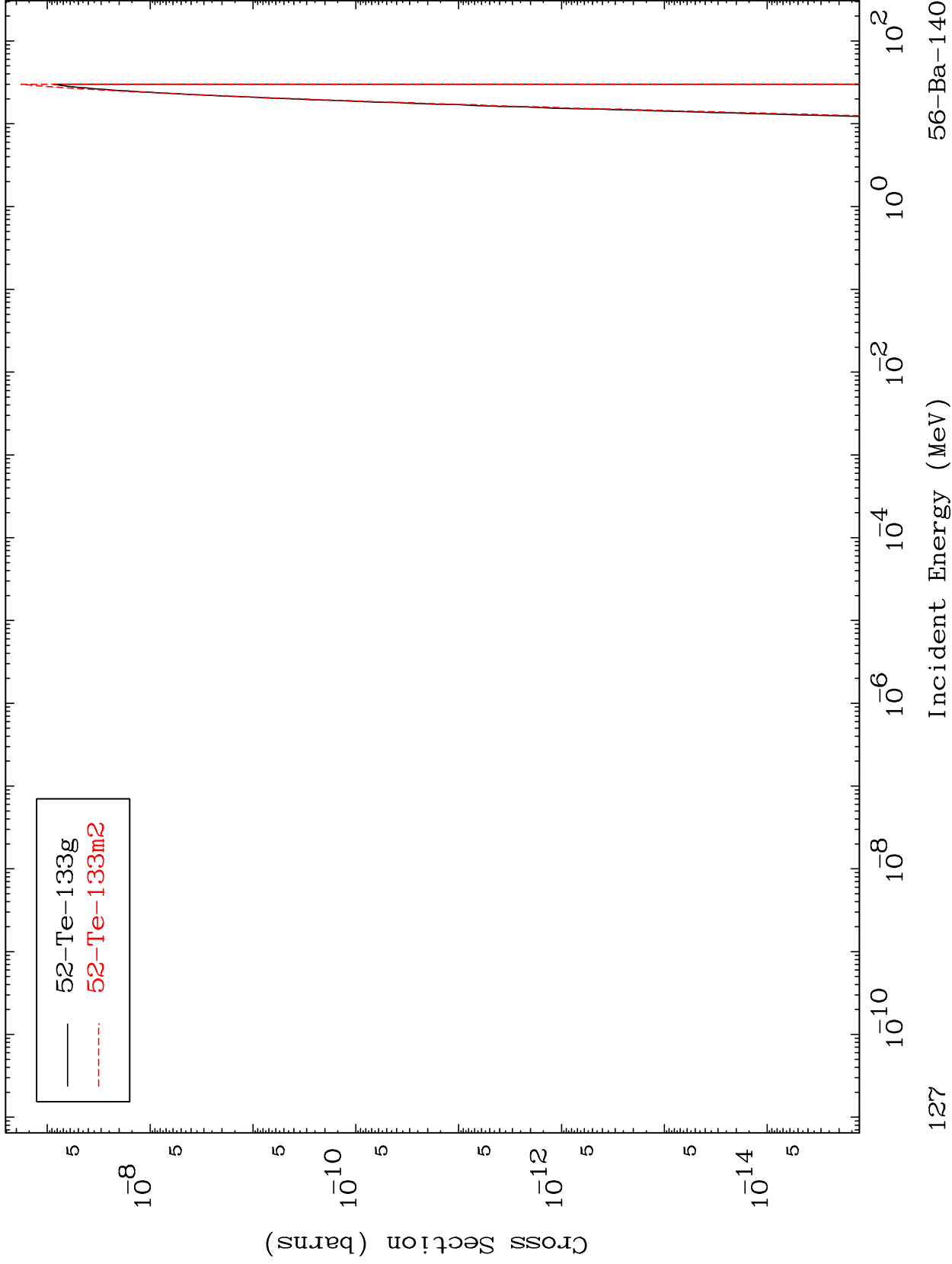
56-Ba-140

MAT 5655

(n,2α)

56-Ba-140

Radionuclide Production Cross Section



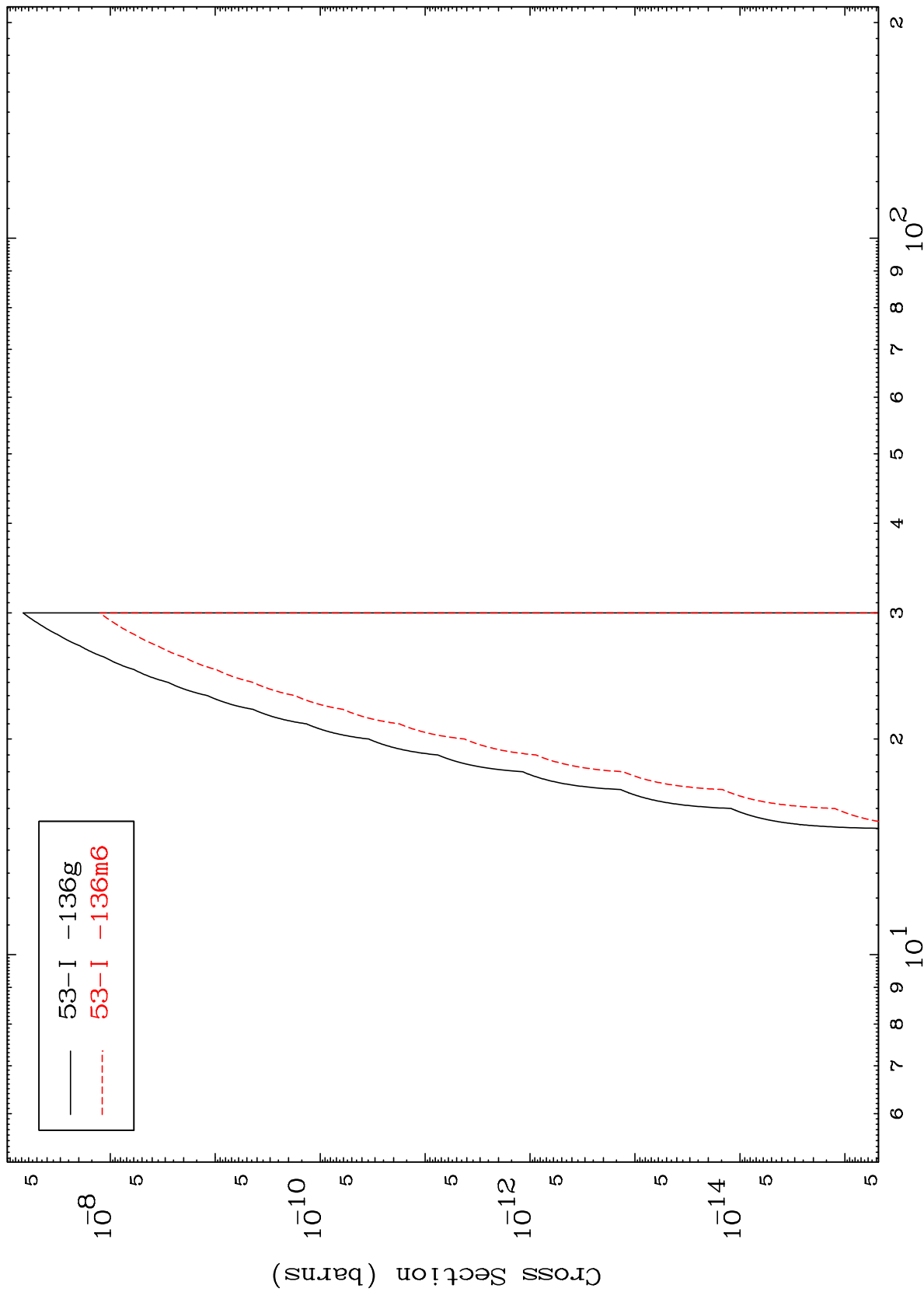
52-Te-133g
52-Te-133m2

MAT 5655

$(n,p) \alpha$

56-Ba-140

Radionuclide Production Cross Section



53-I-136g
53-I-136m6

128

Incident Energy (MeV)

56-Ba-140