

Program EVALPLOT
(Version 2021-1)

by

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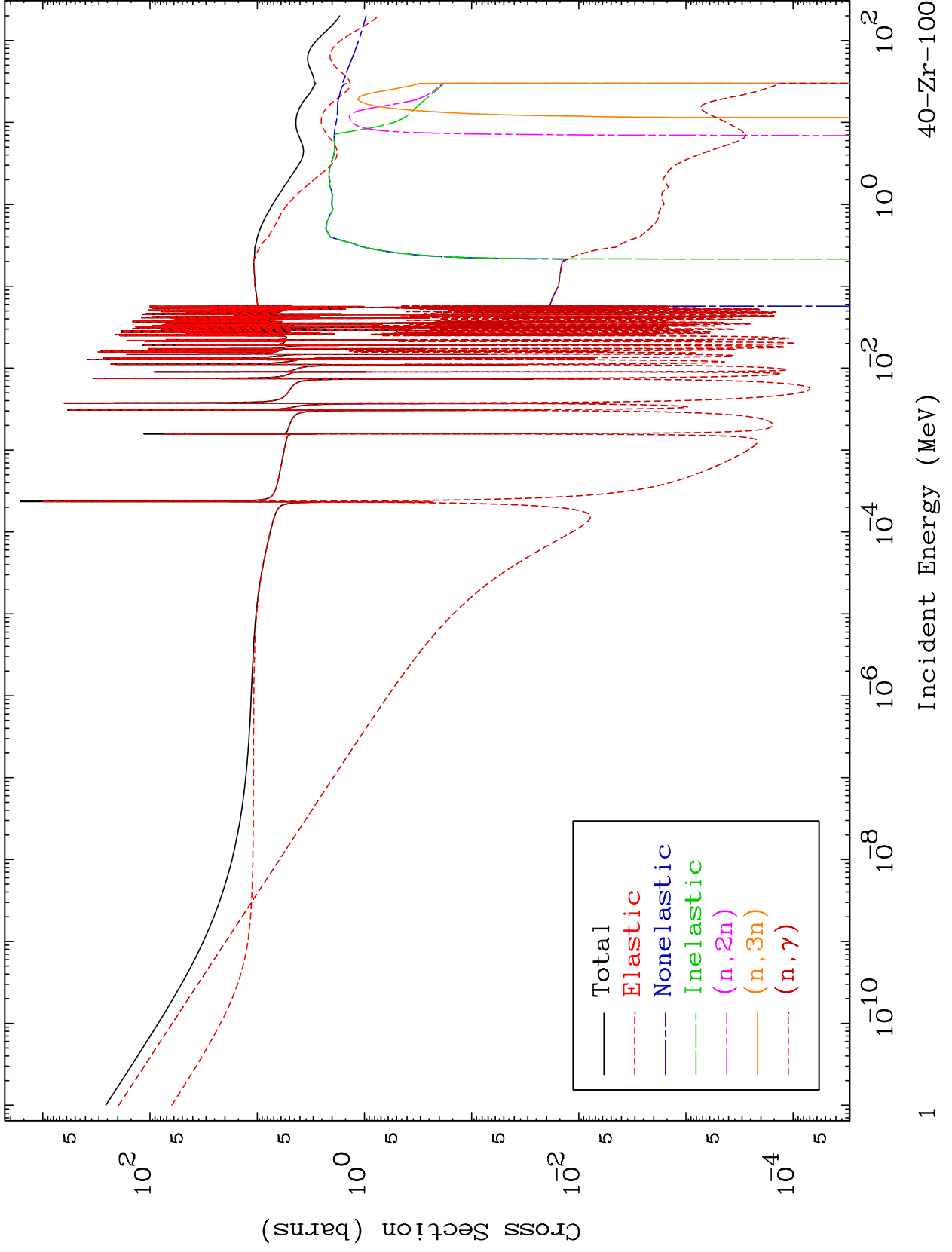
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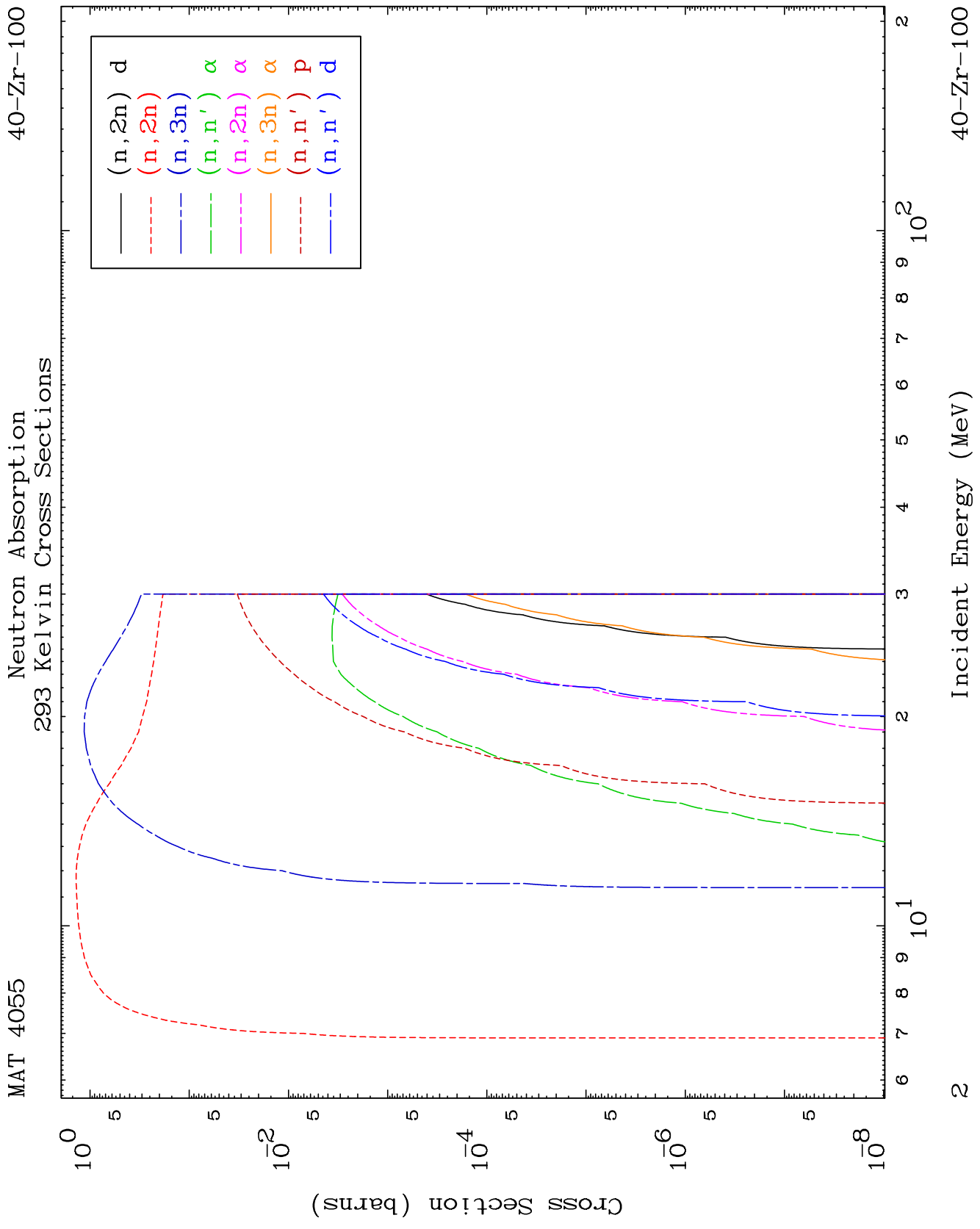
Press Mouse Button to Start

MAT 4055

Neutron Major
293 Kelvin Cross Sections

40-Zr-100

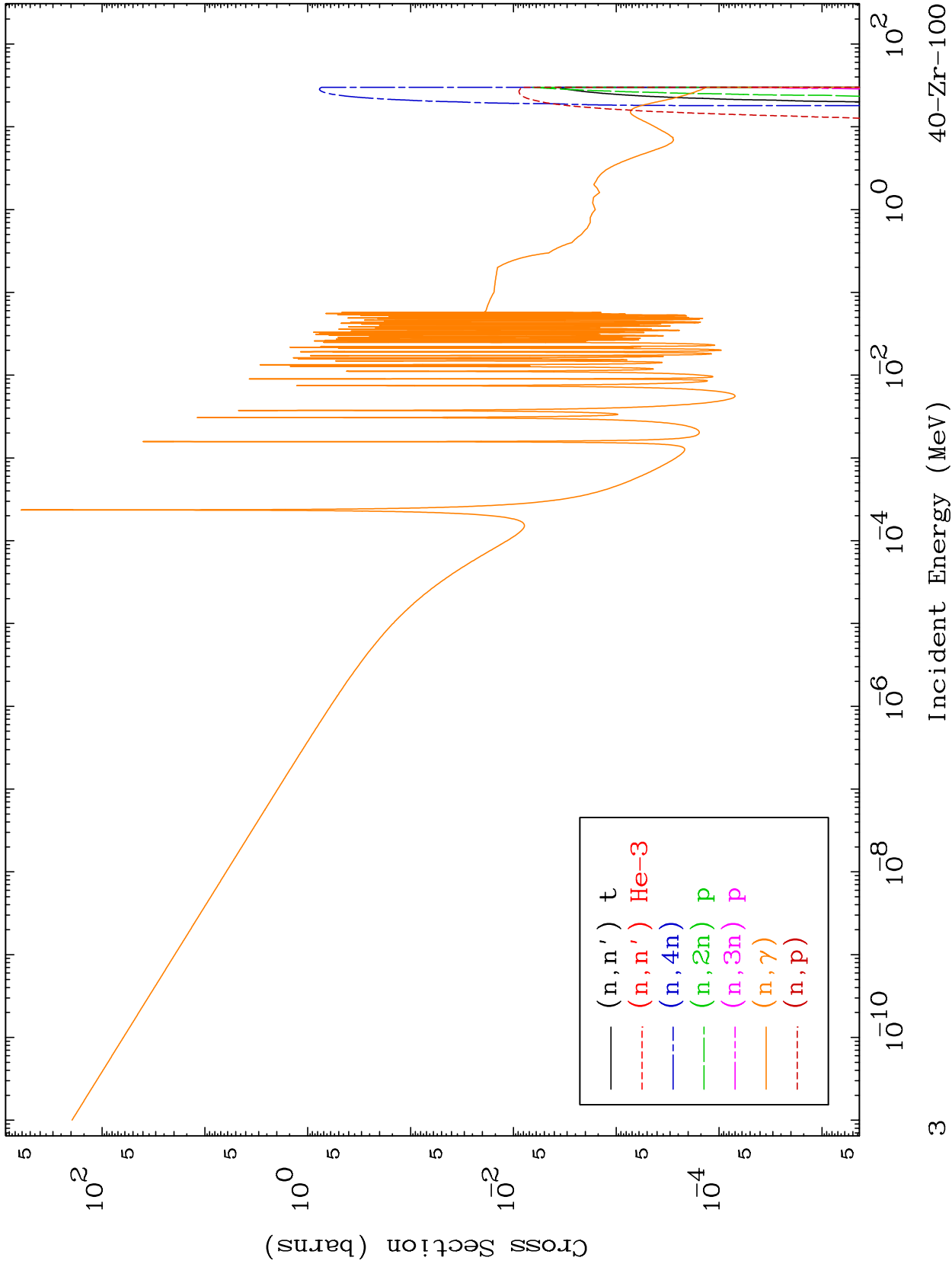


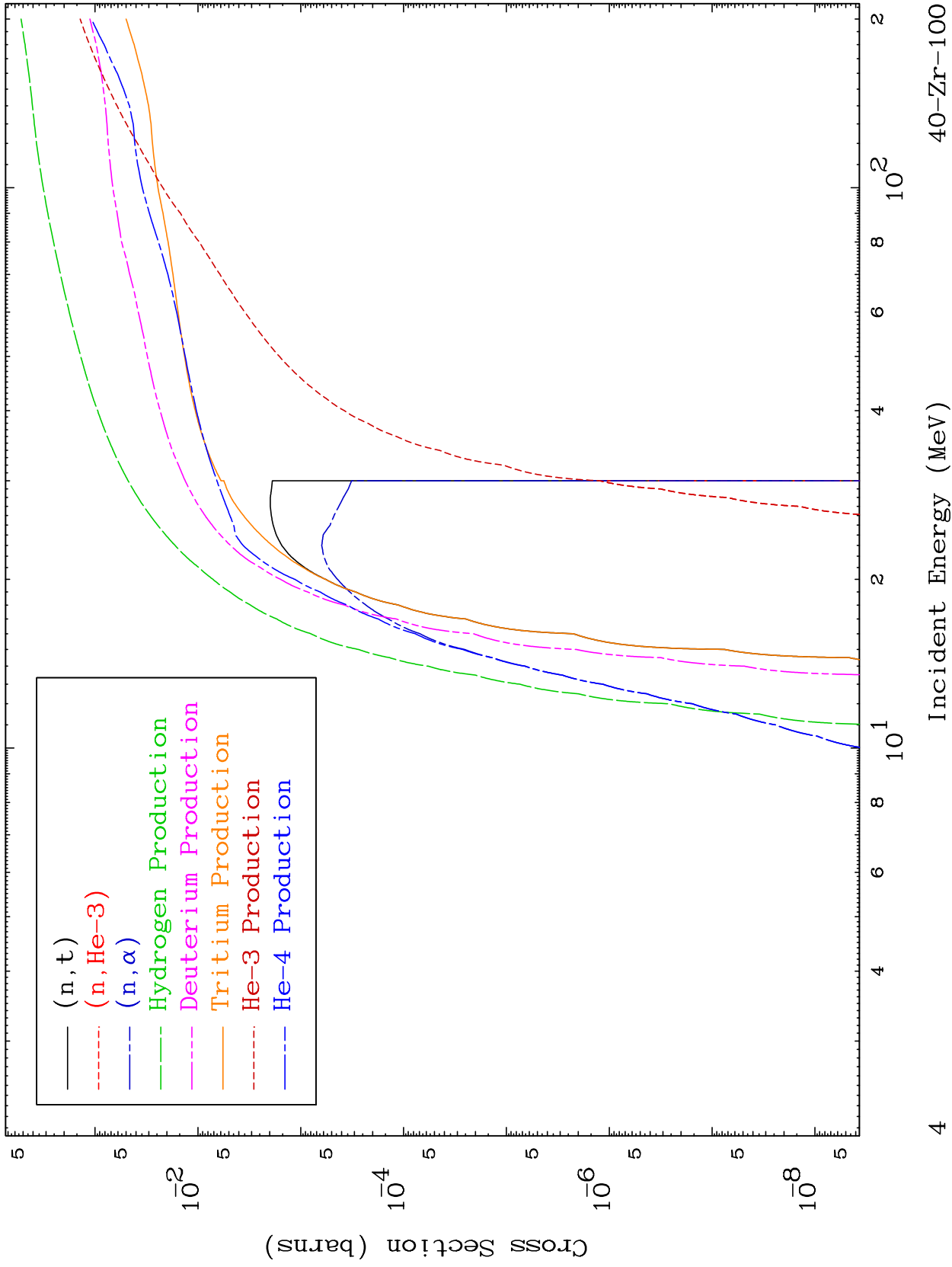


MAT 4055

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-100

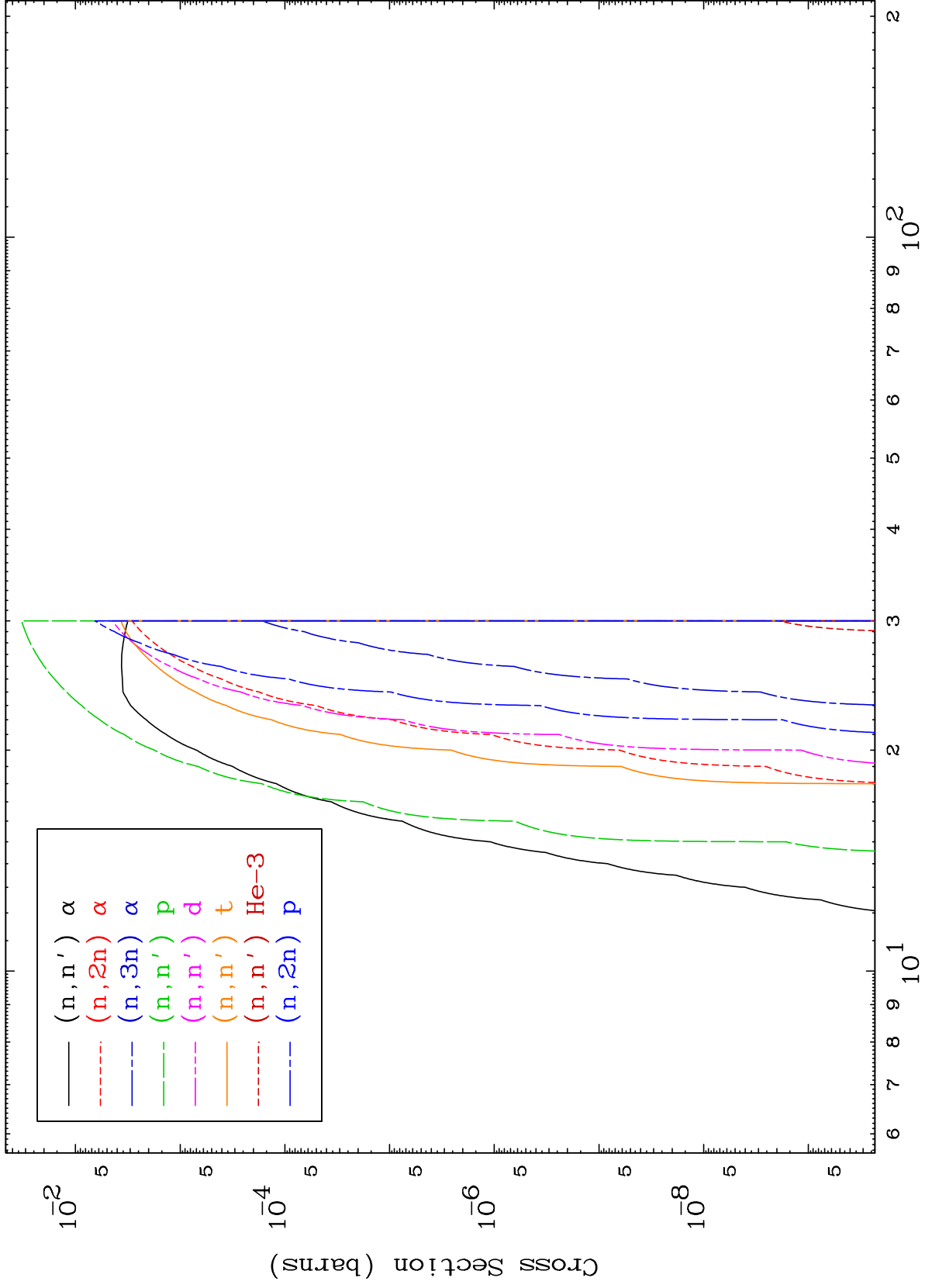




MAT 4055

Charged Particle
293 Kelvin Cross Sections

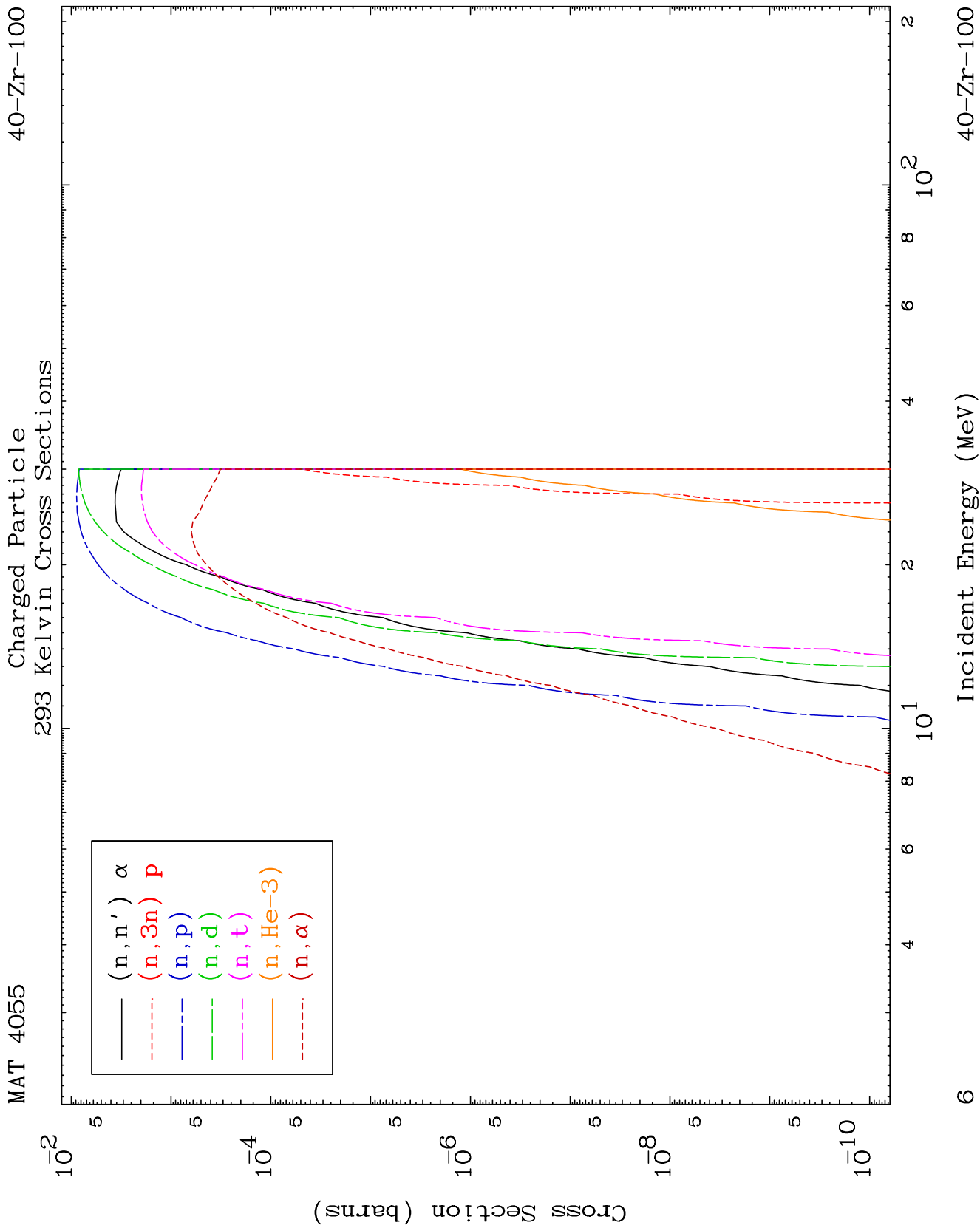
40-Zr-100



5

Incident Energy (MeV)

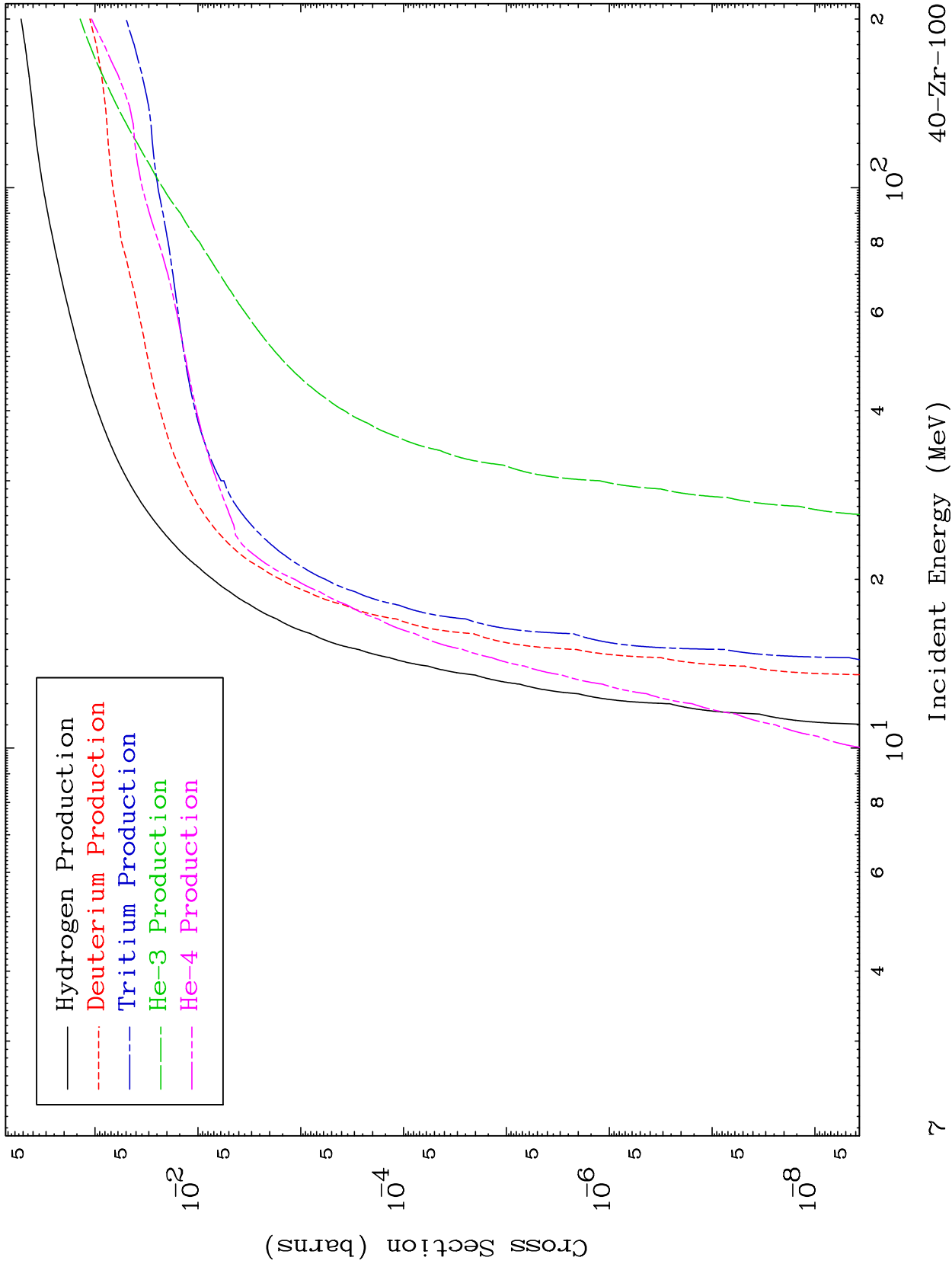
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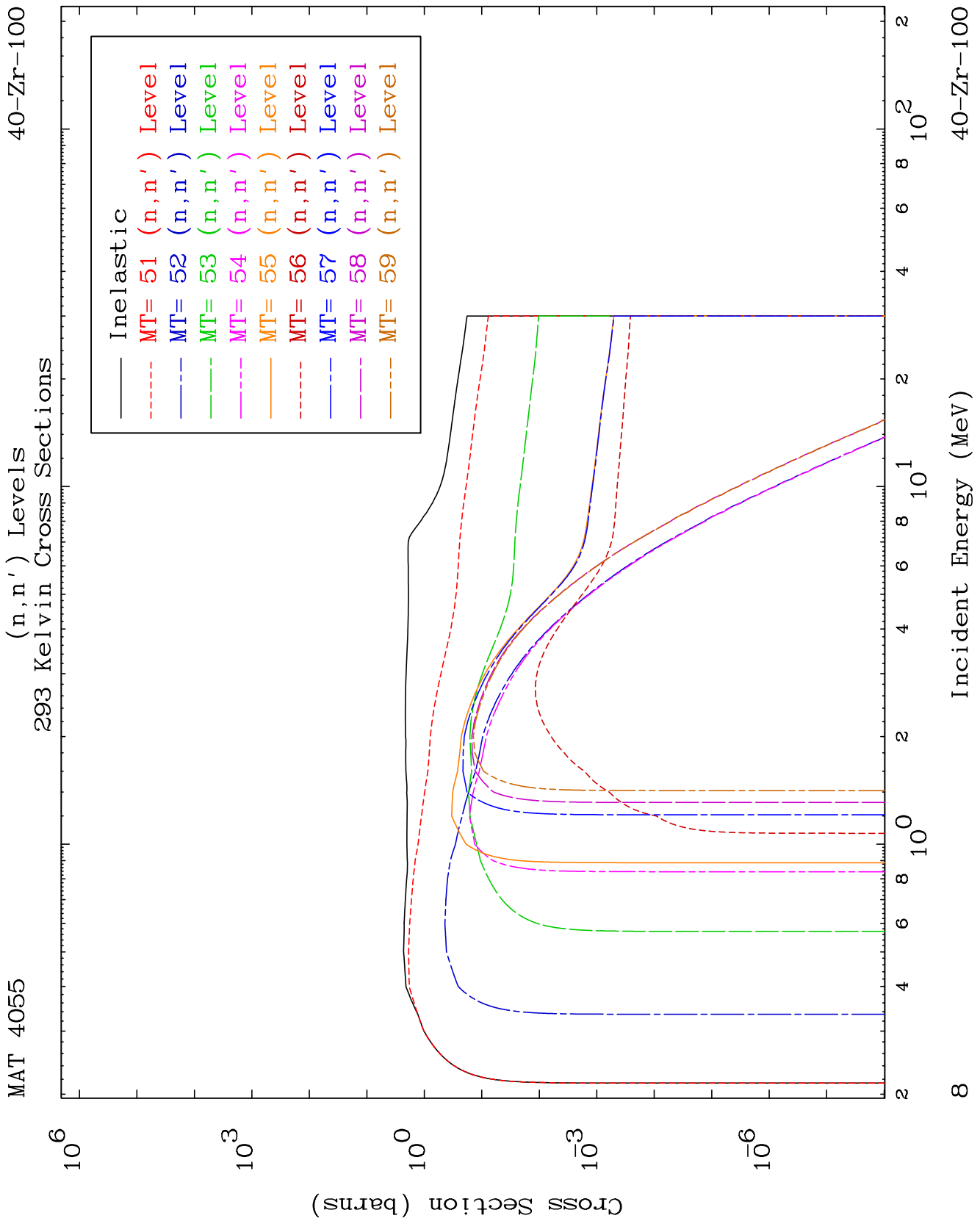


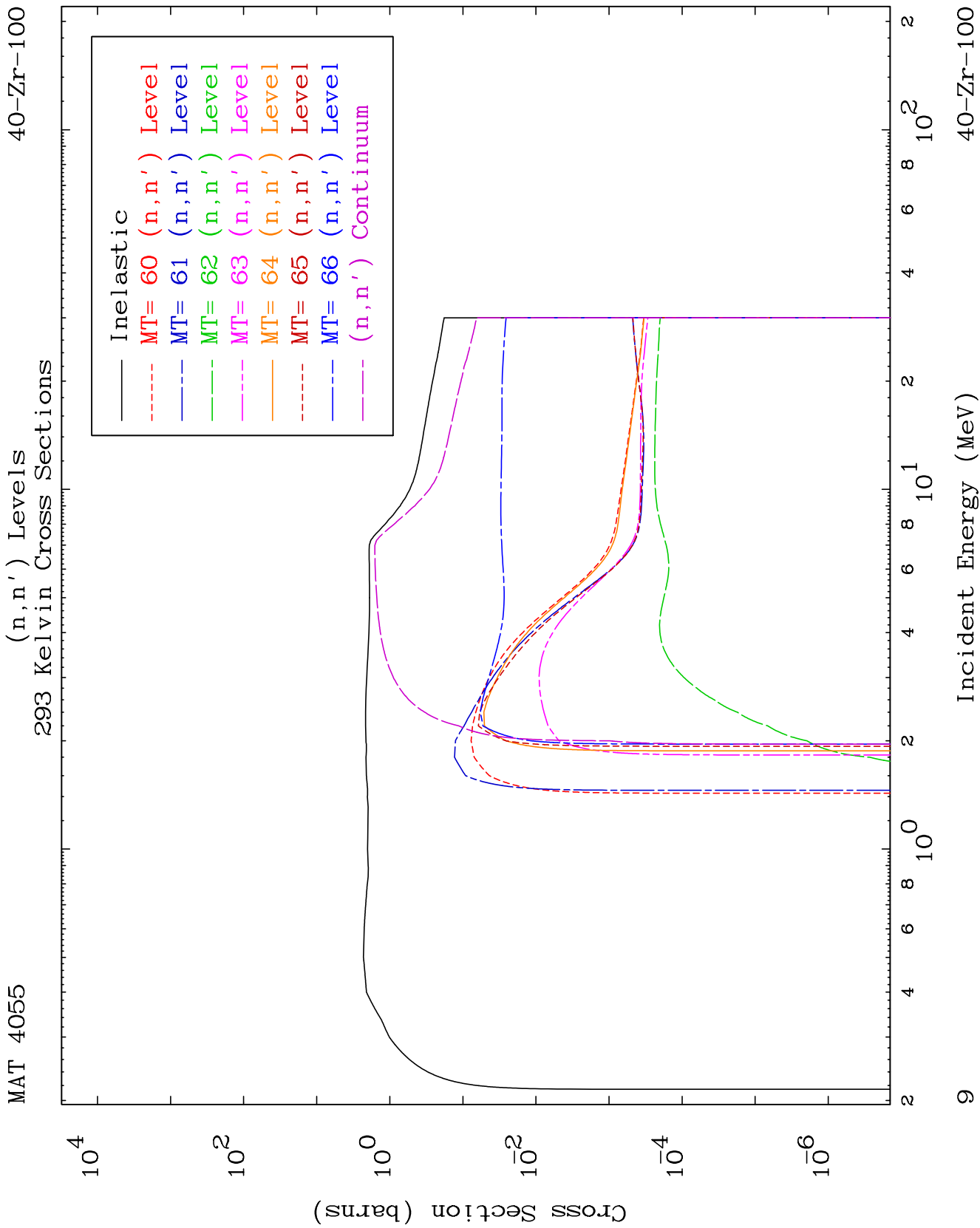
MAT 4055

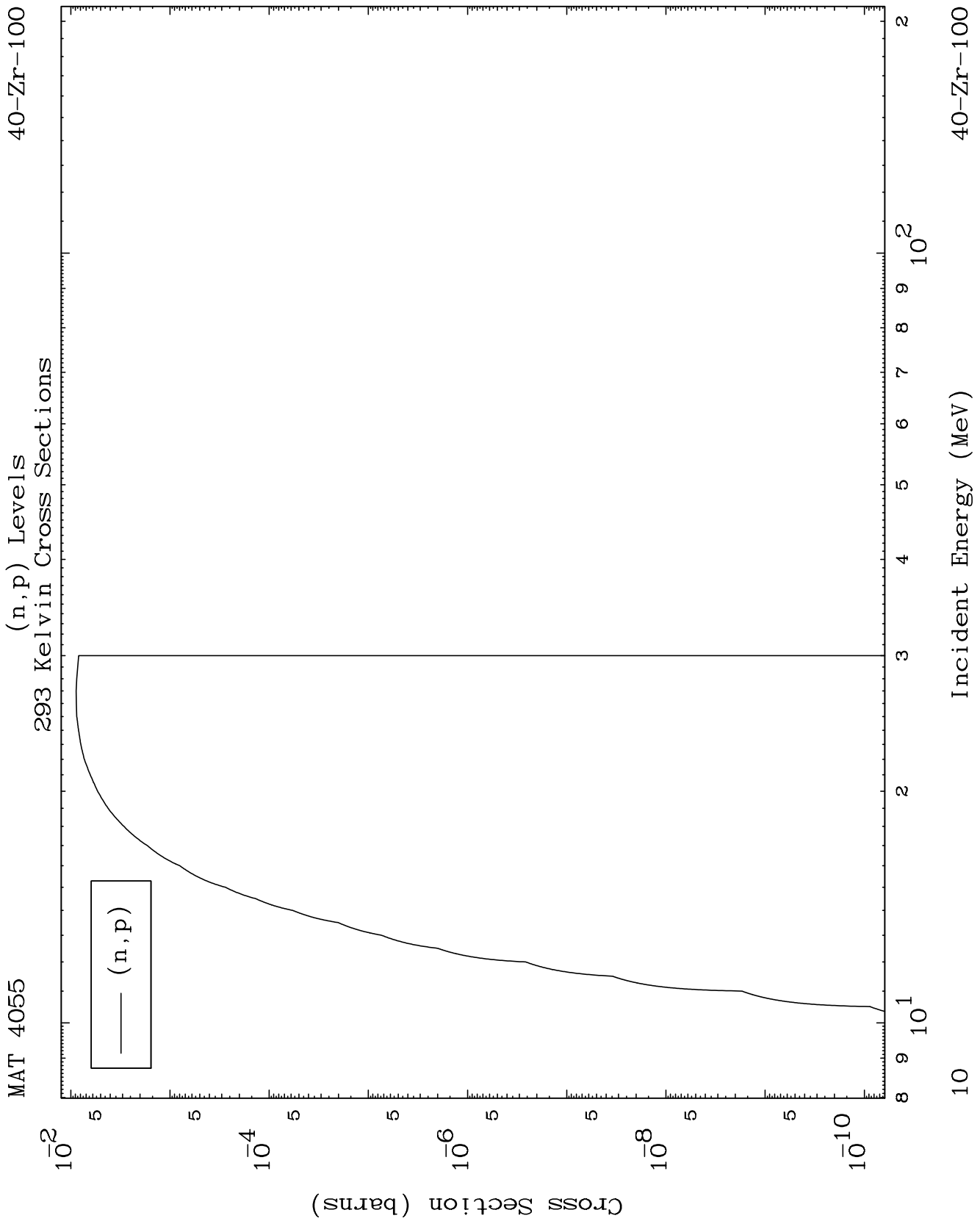
Particle Production
293 Kelvin Cross Sections

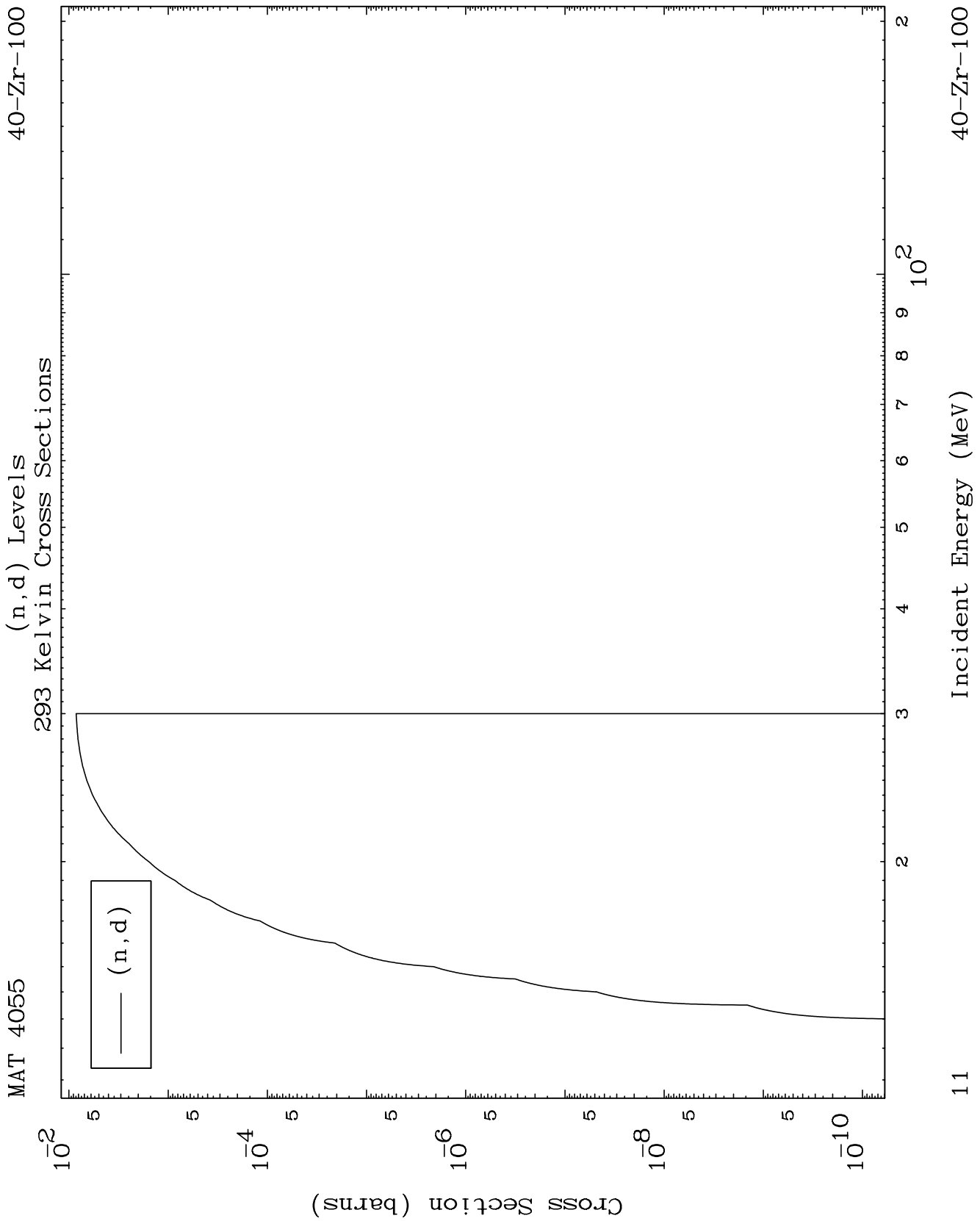
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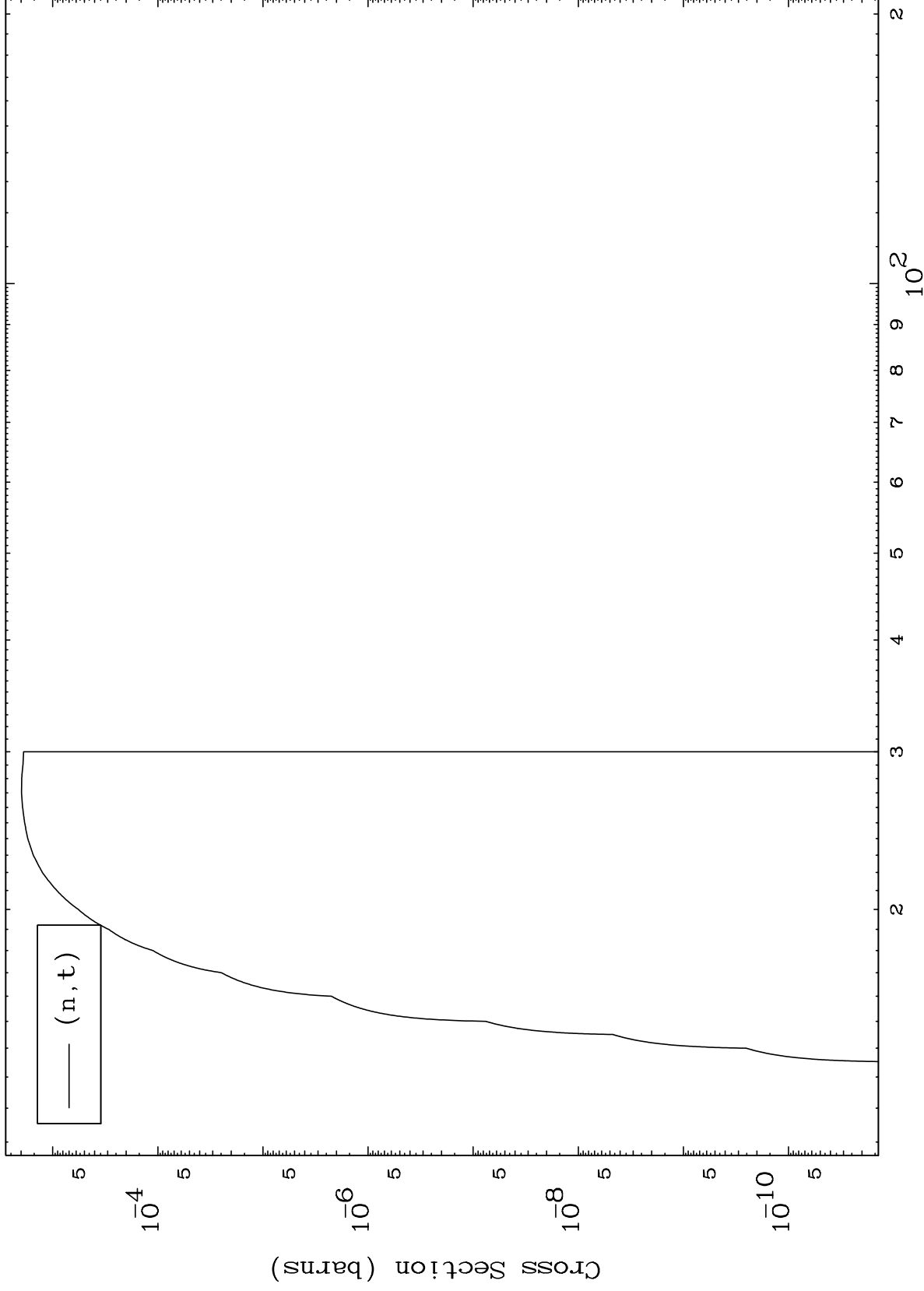




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(n,t) Levels
293 Kelvin Cross Sections

40-Zr-100



12

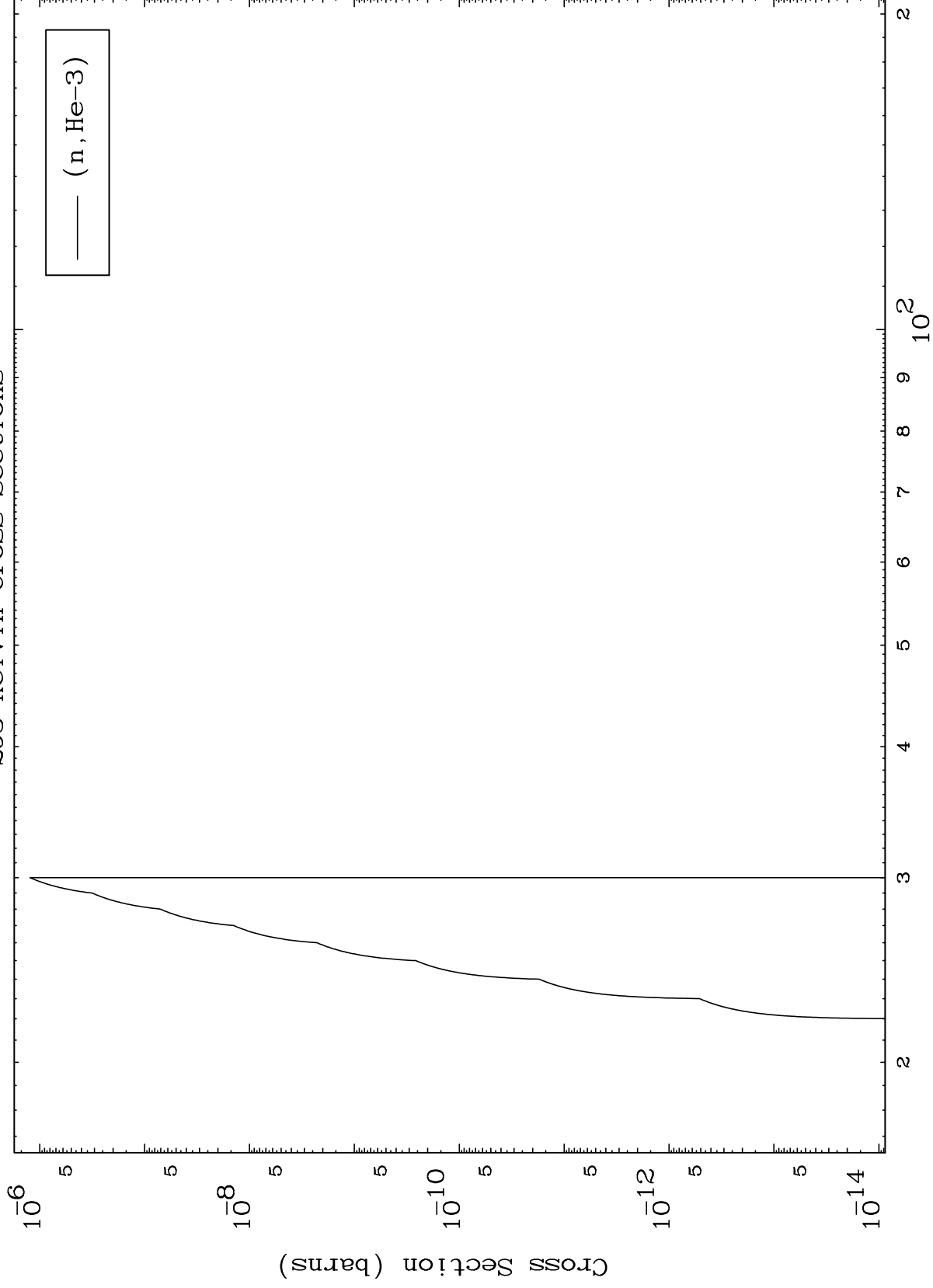
Incident Energy (MeV)

40-Zr-100

MAT 4055

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-100



13

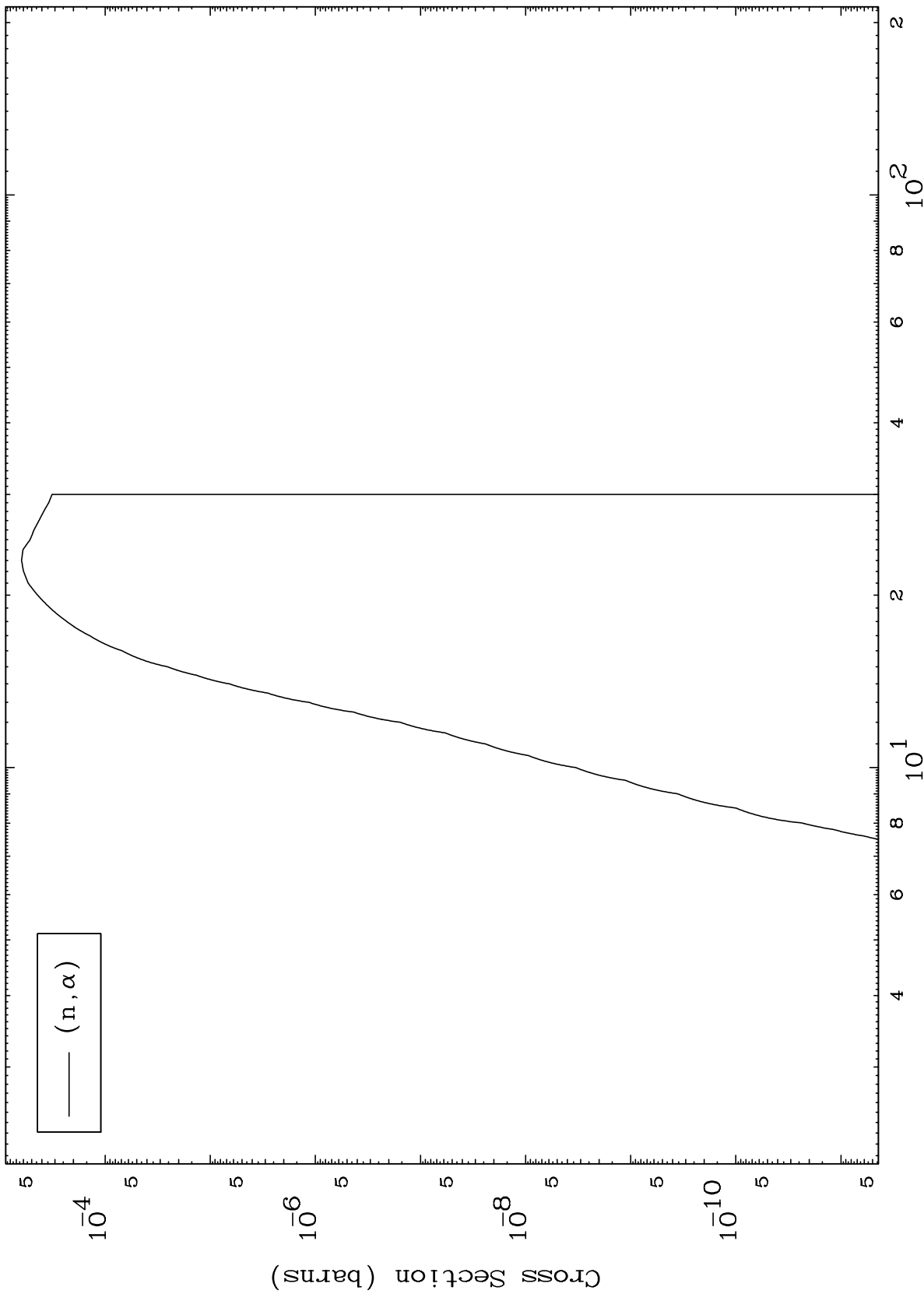
Incident Energy (MeV)

40-Zr-100

MAT 4055

40-Zr-100

(n, α) Levels
293 Kelvin Cross Sections



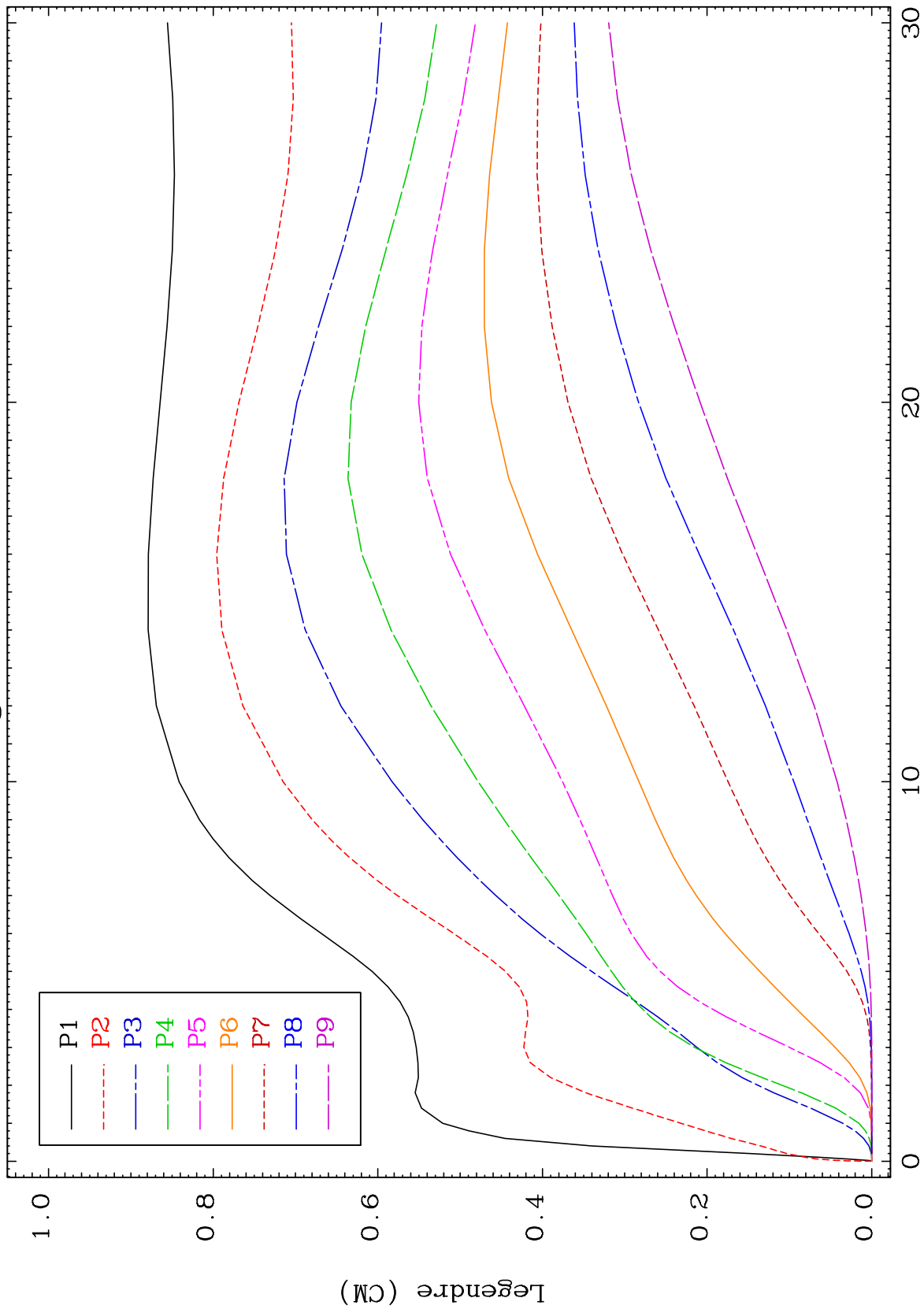
40-Zr-100

Incident Energy (MeV)

MAT 4055

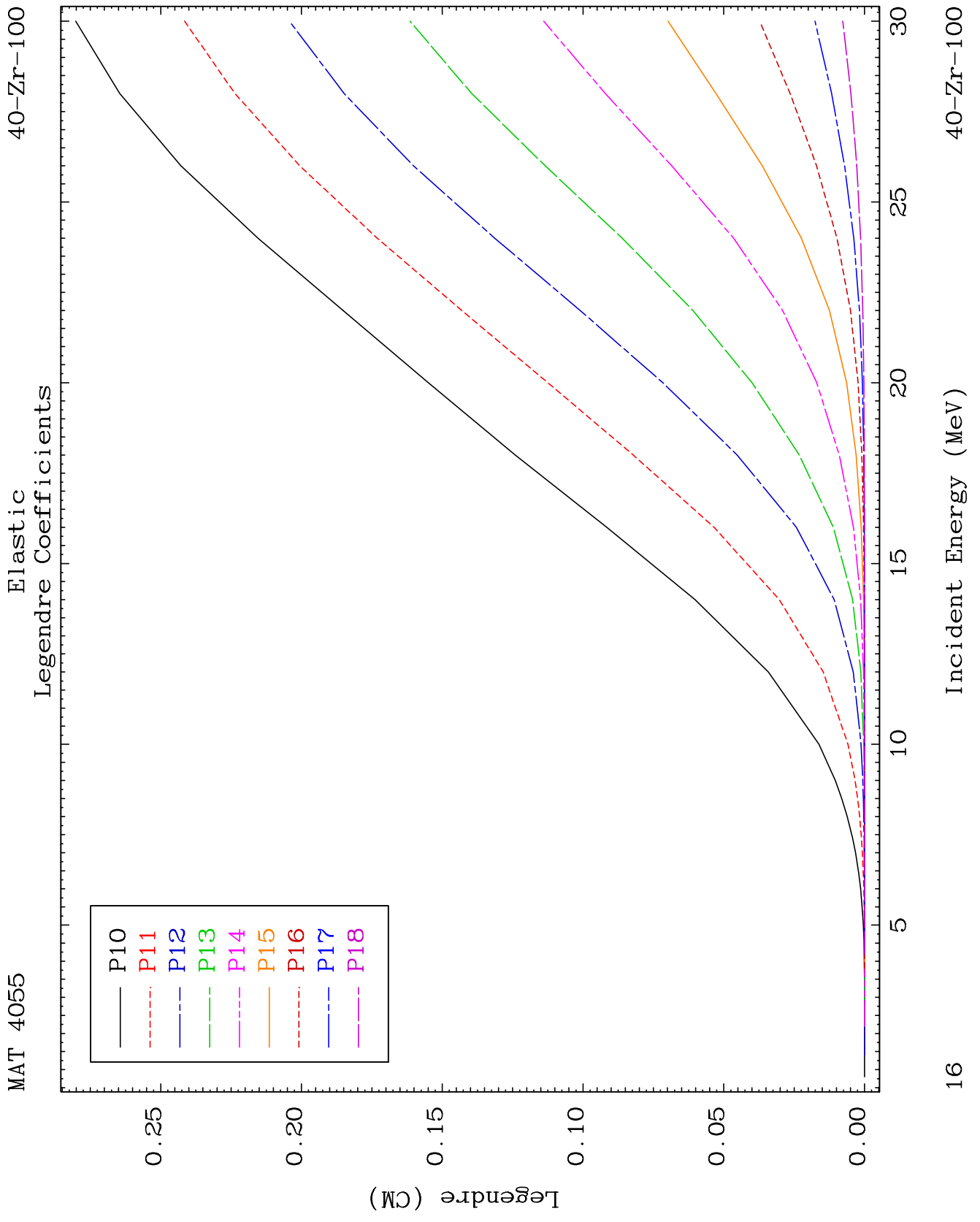
Elastic Legendre Coefficients

40-Zr-100



Incident Energy (MeV)

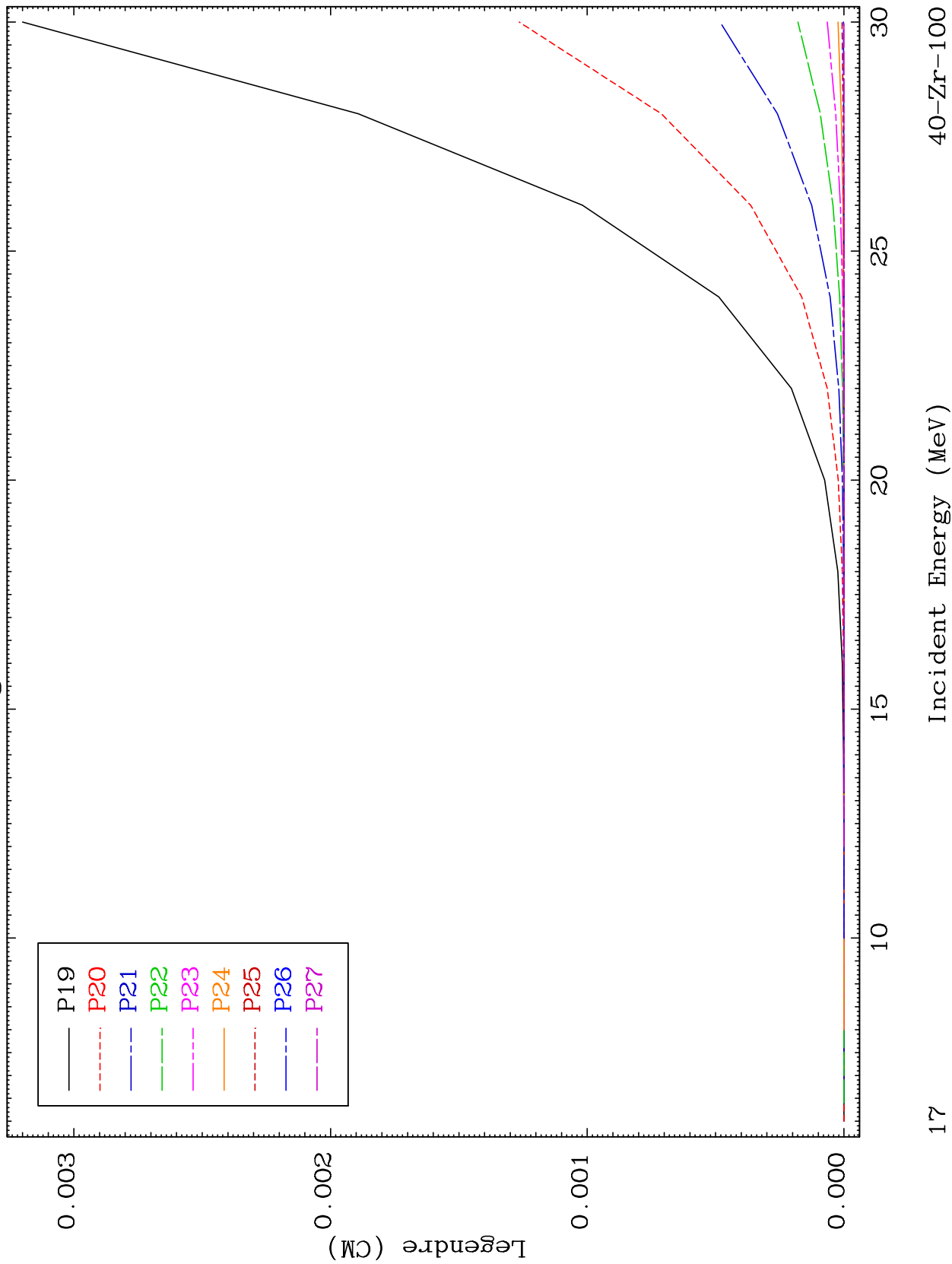
40-Zr-100



MAT 4055

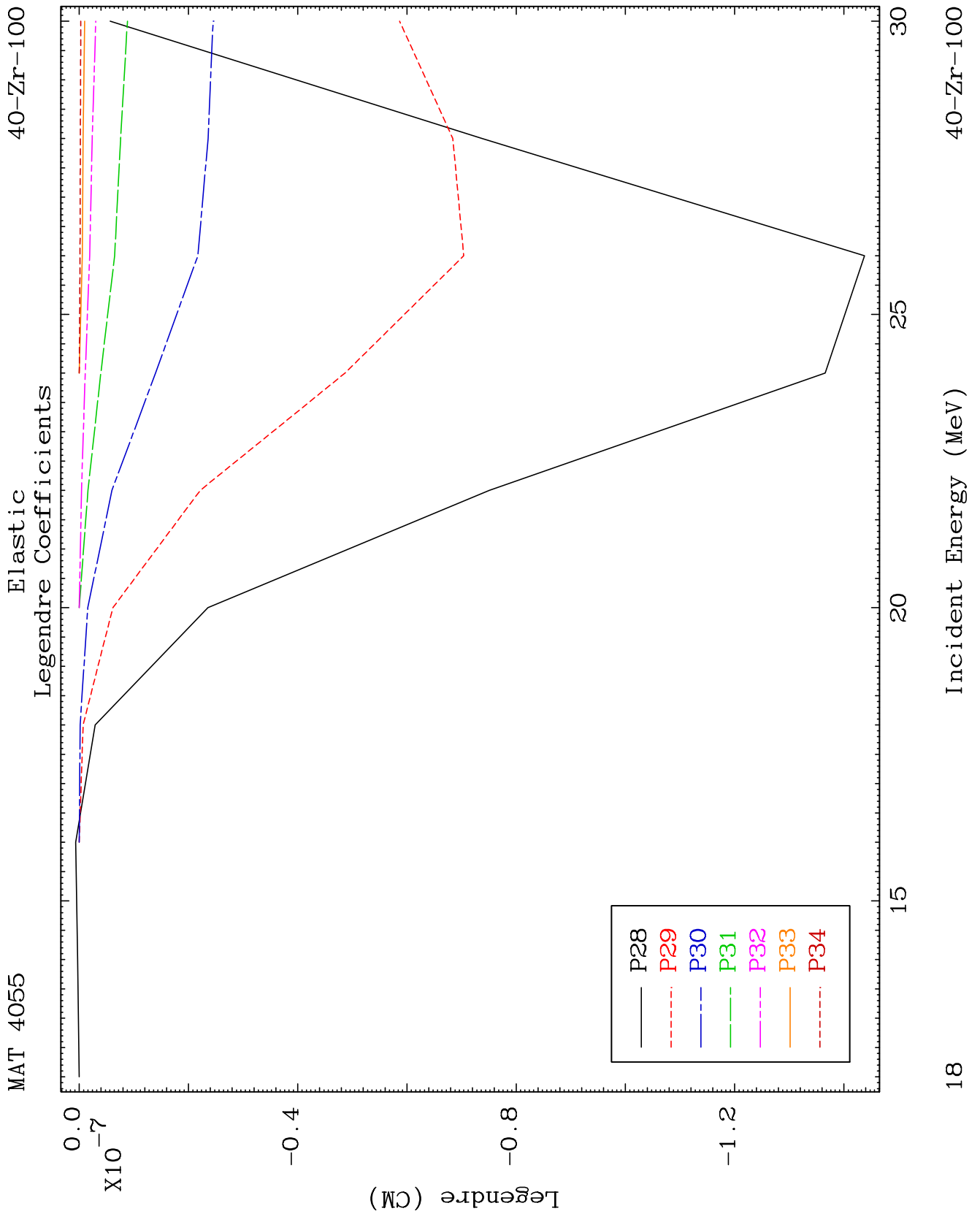
Elastic Legendre Coefficients

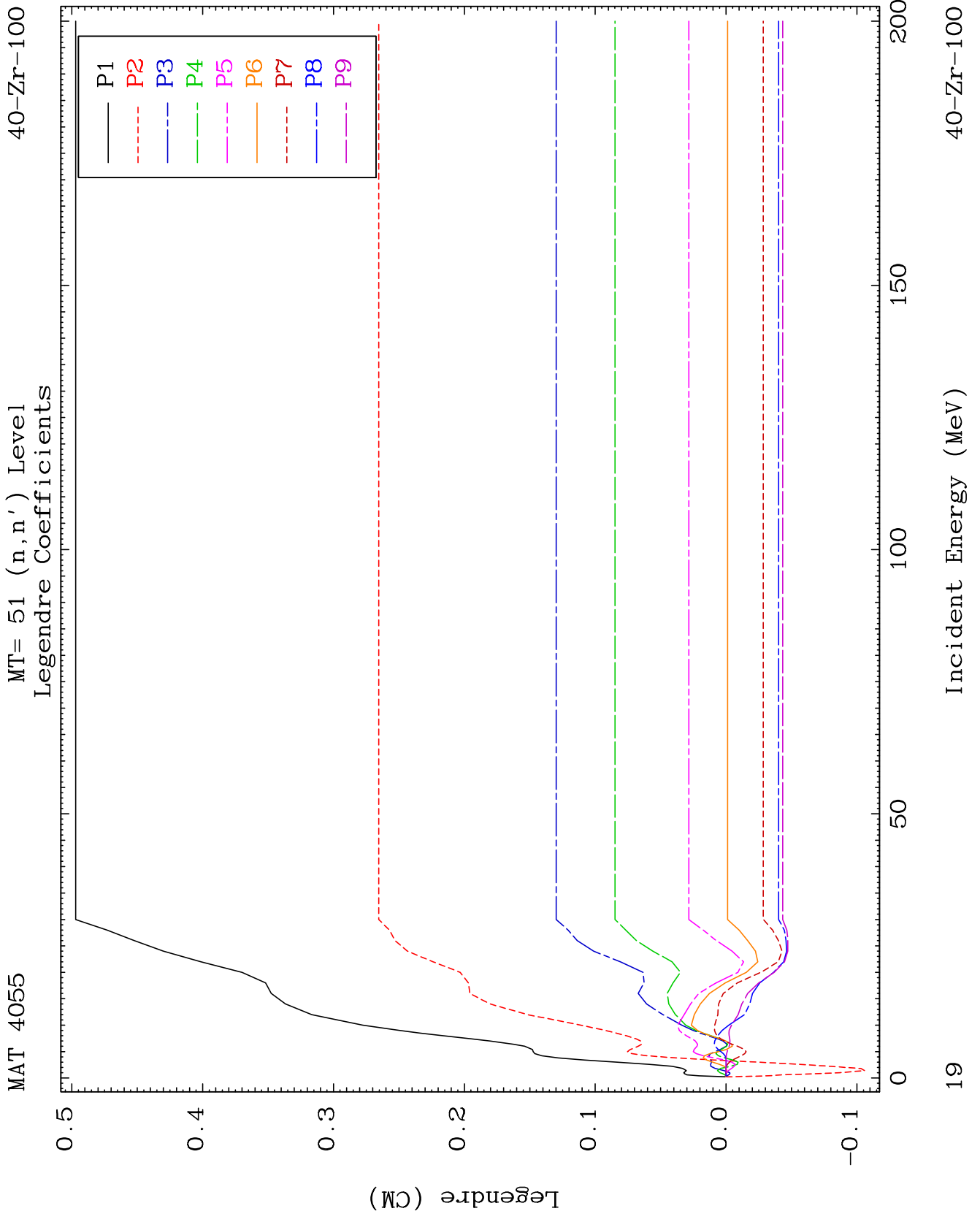
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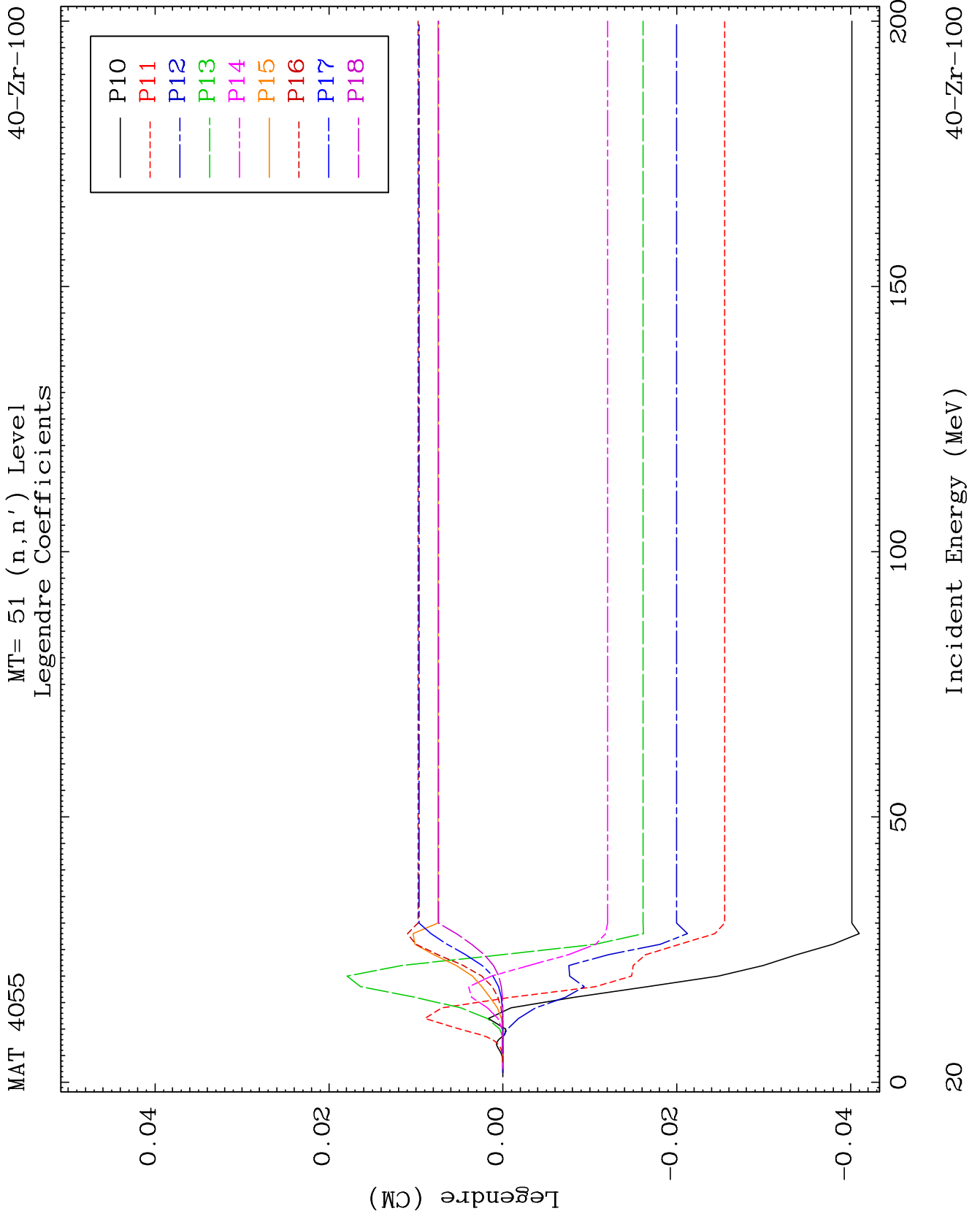


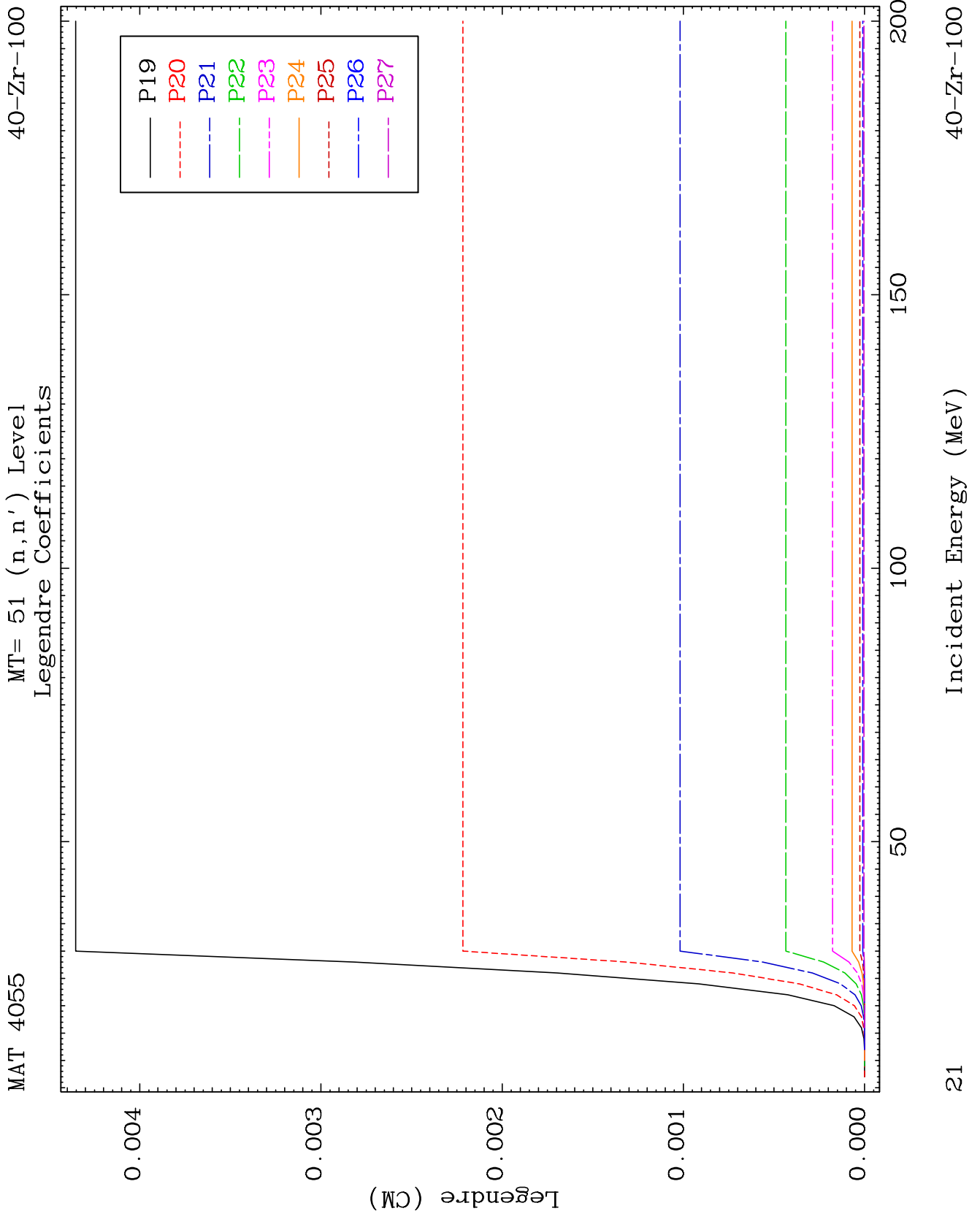
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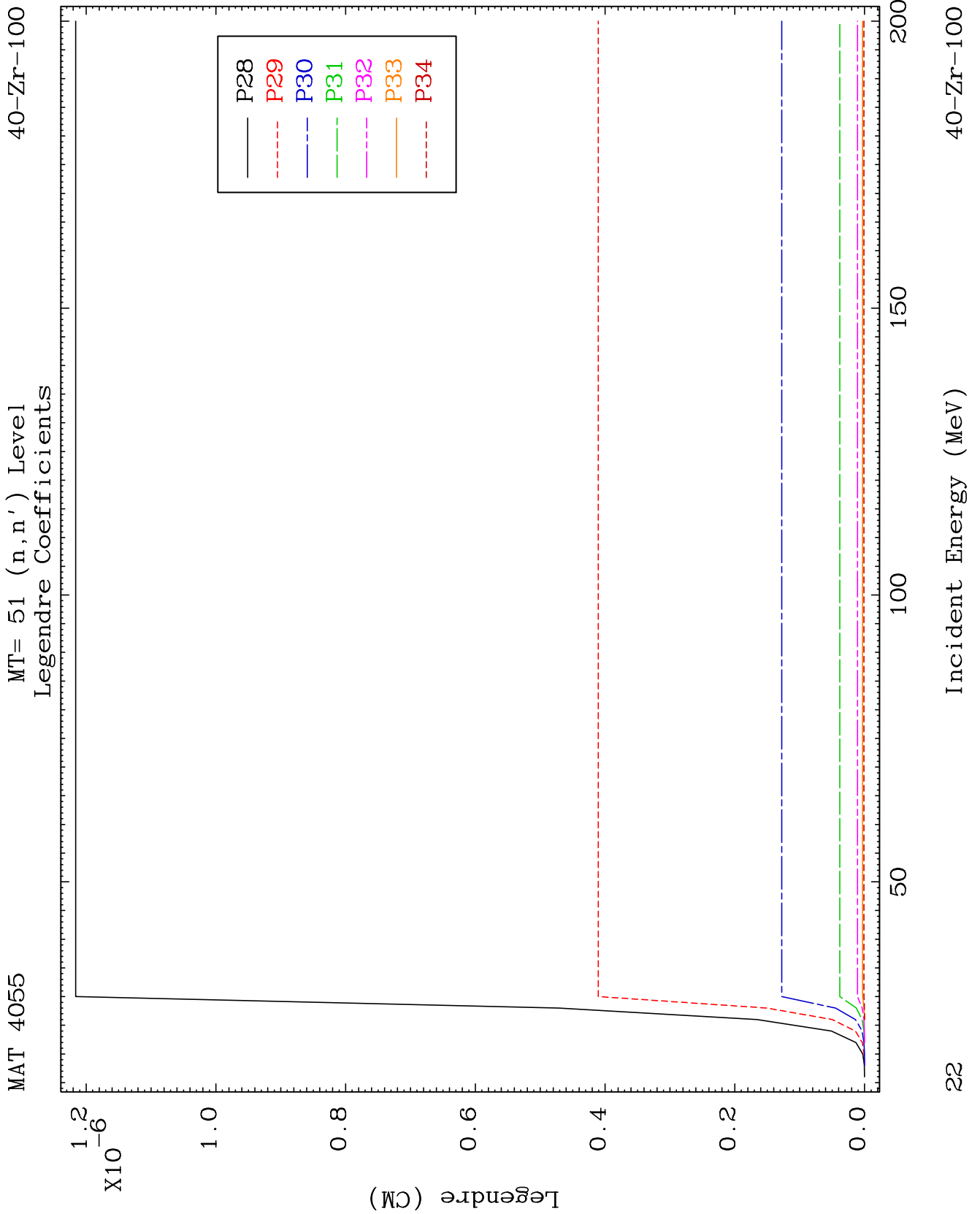
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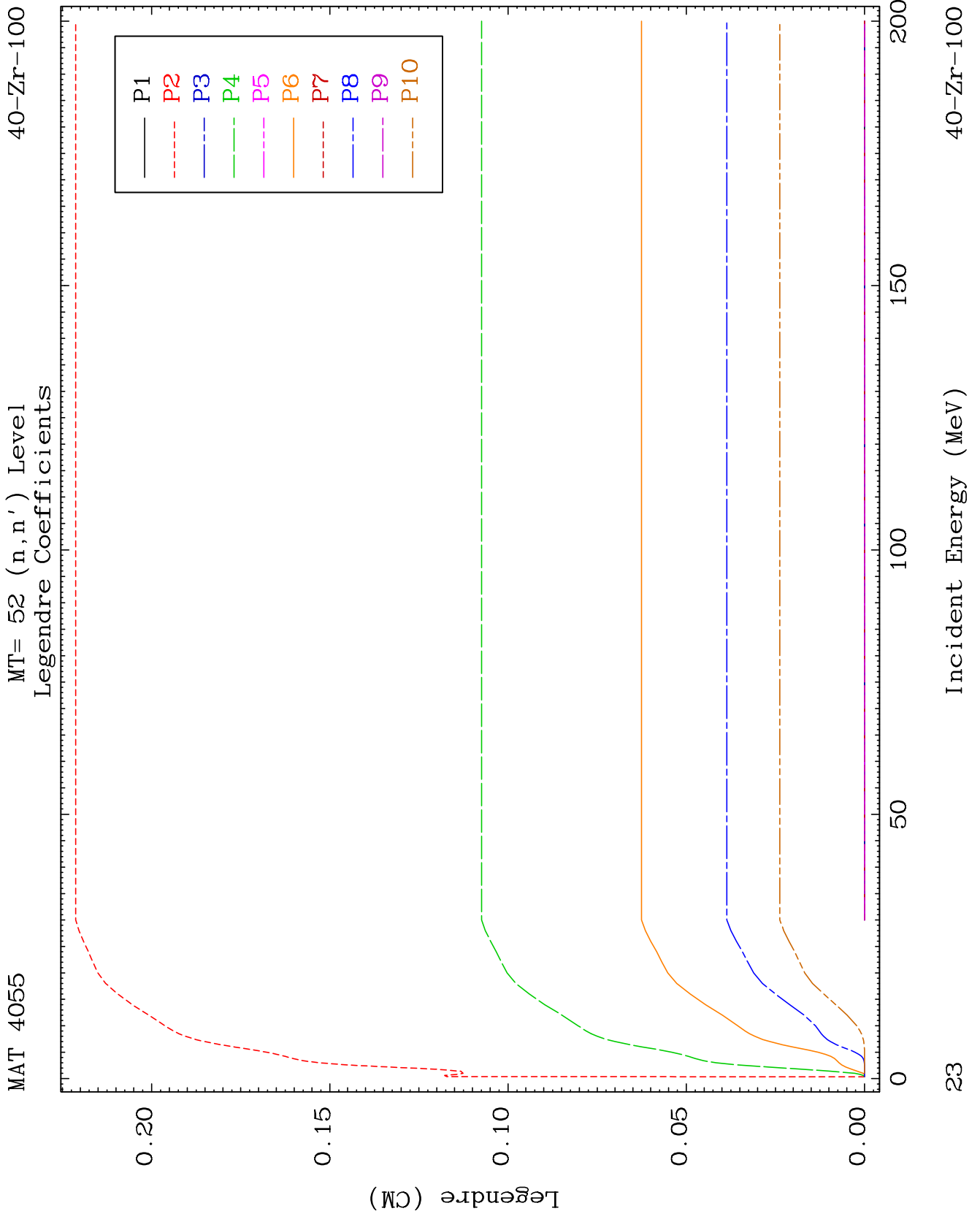


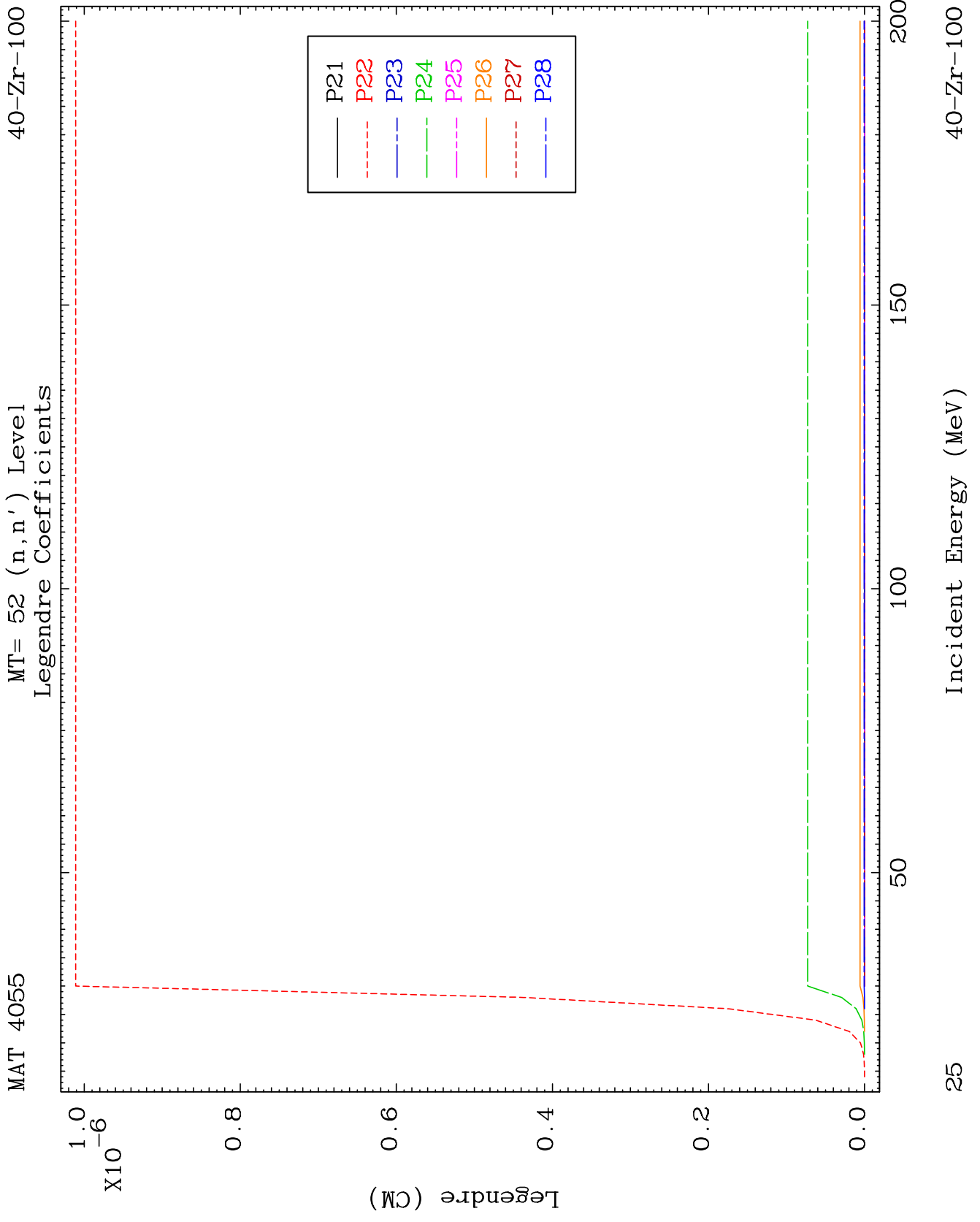


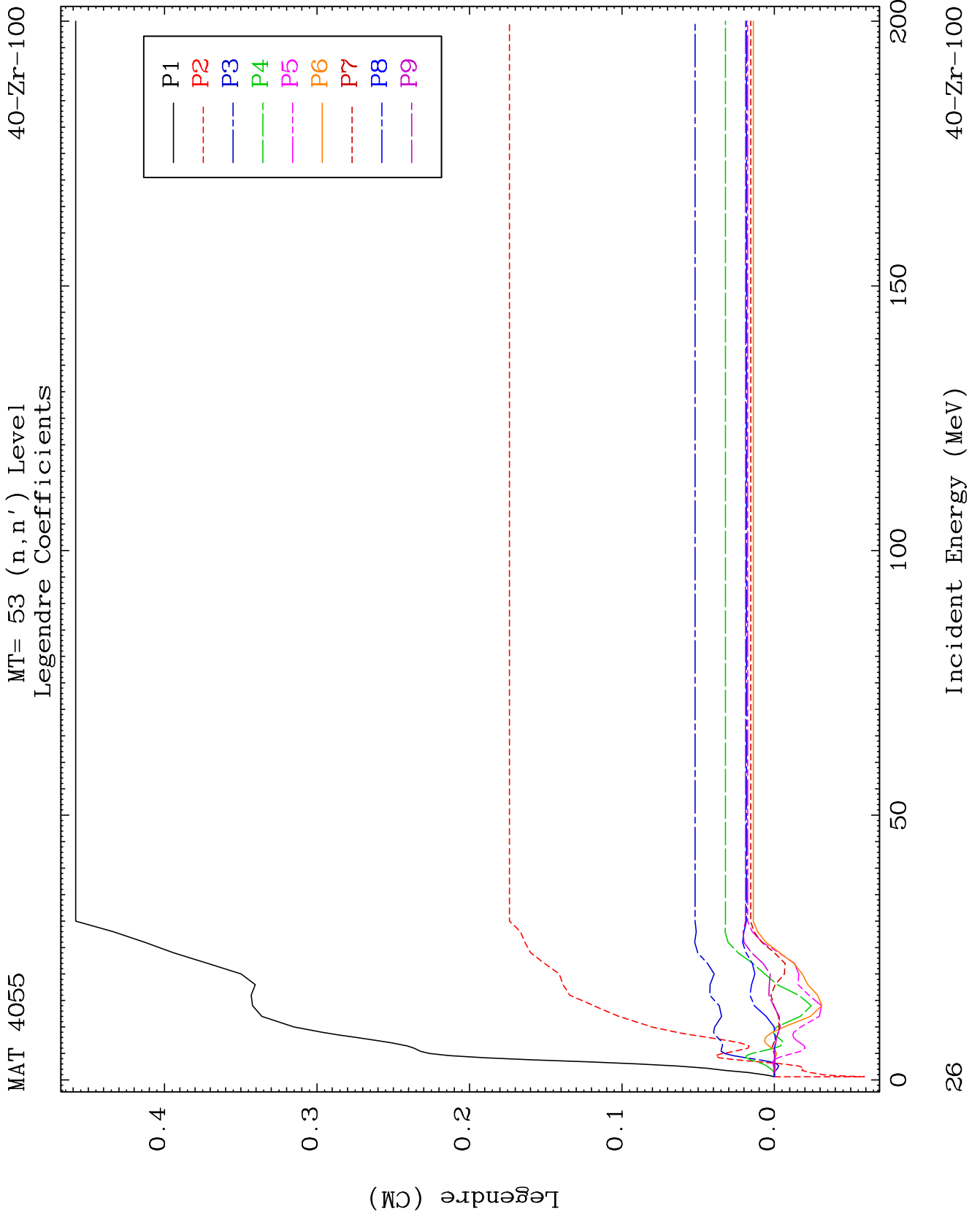


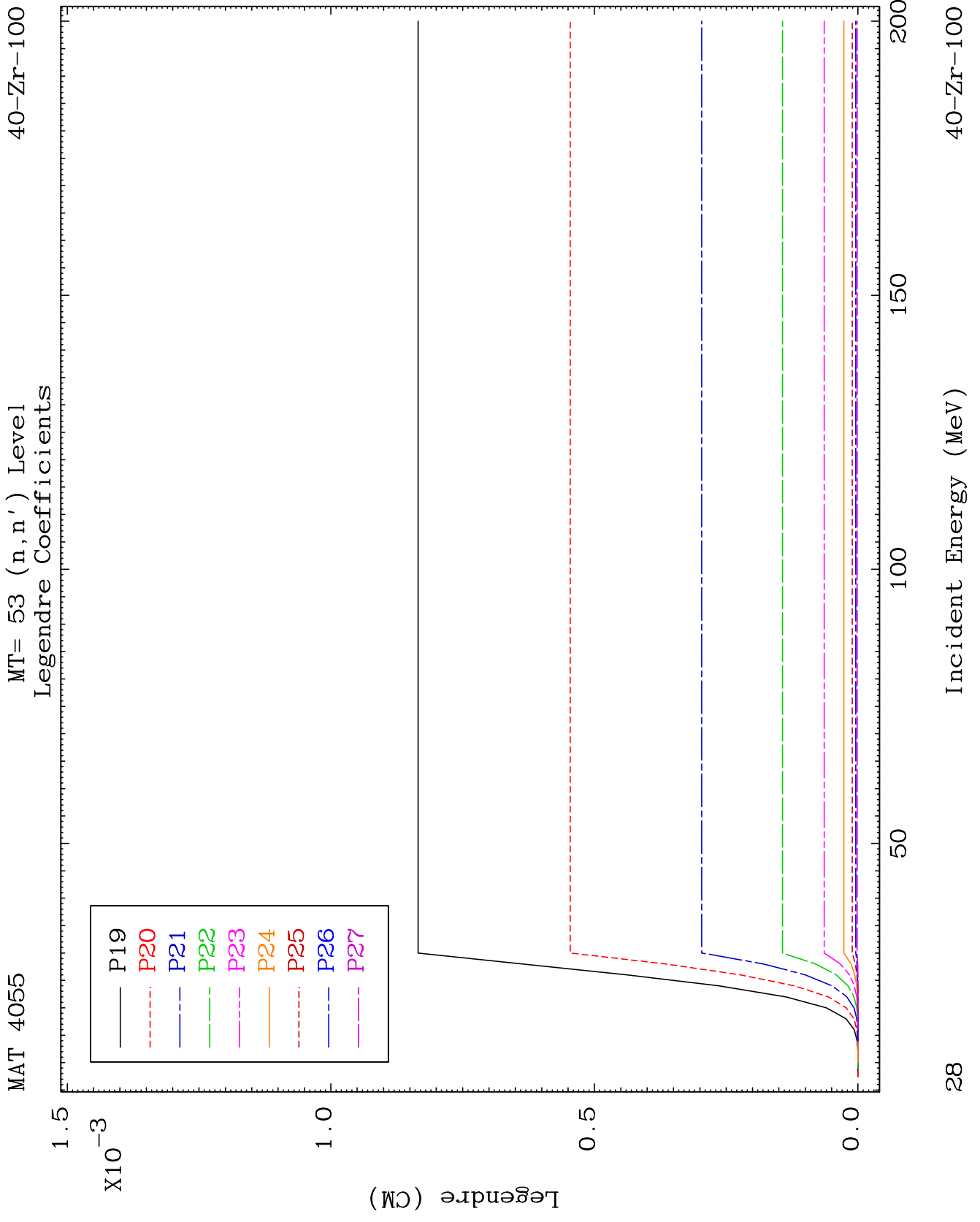








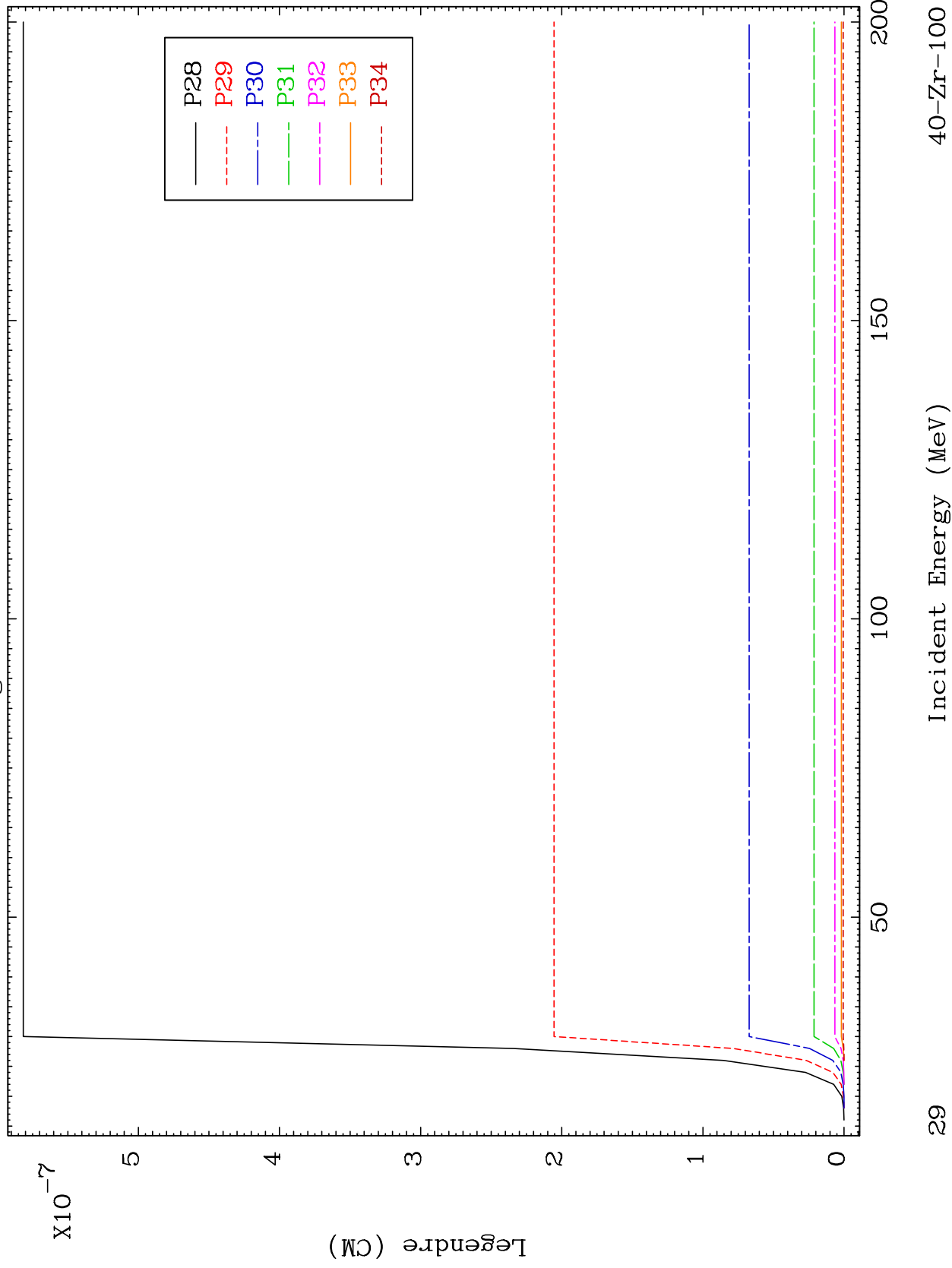


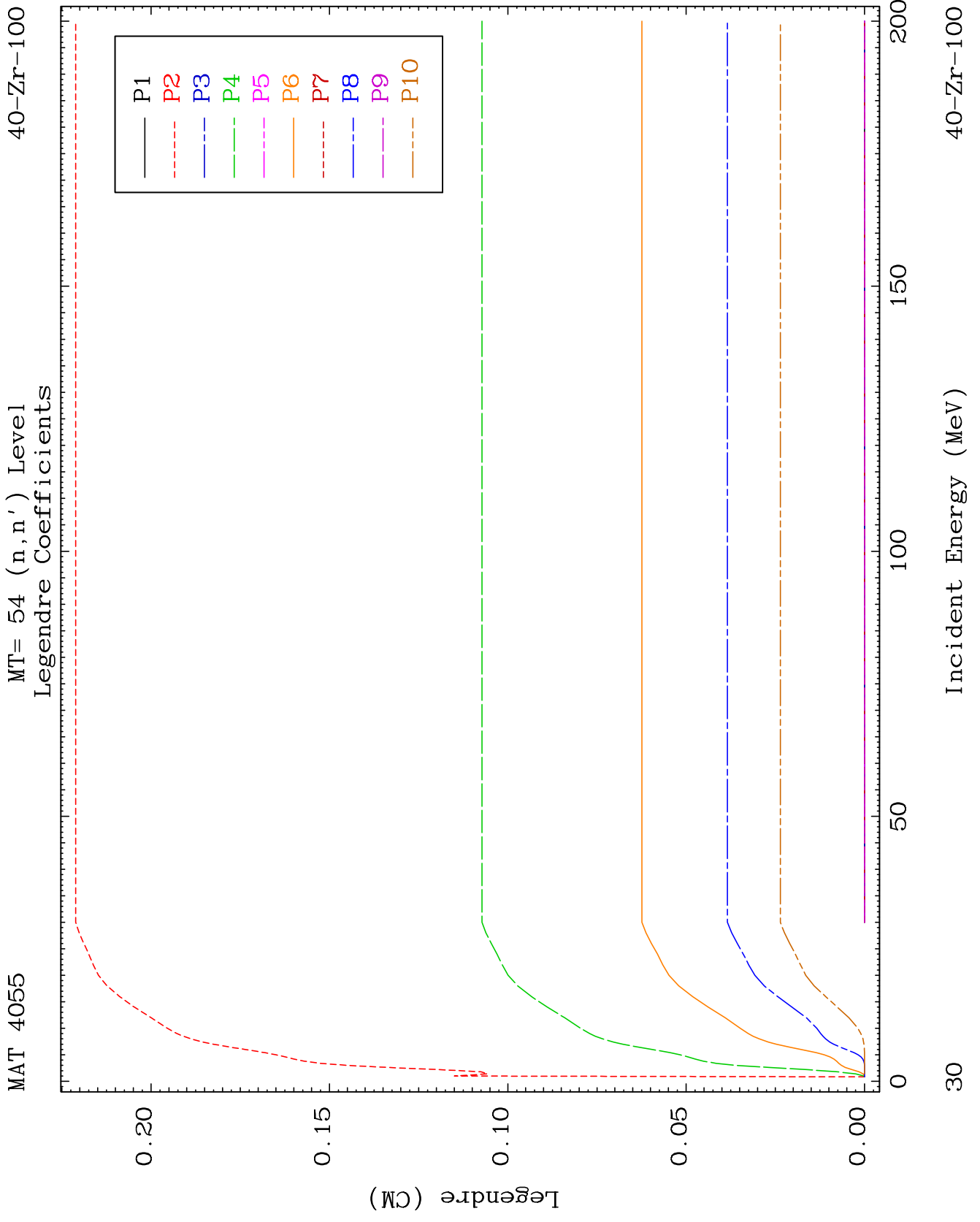


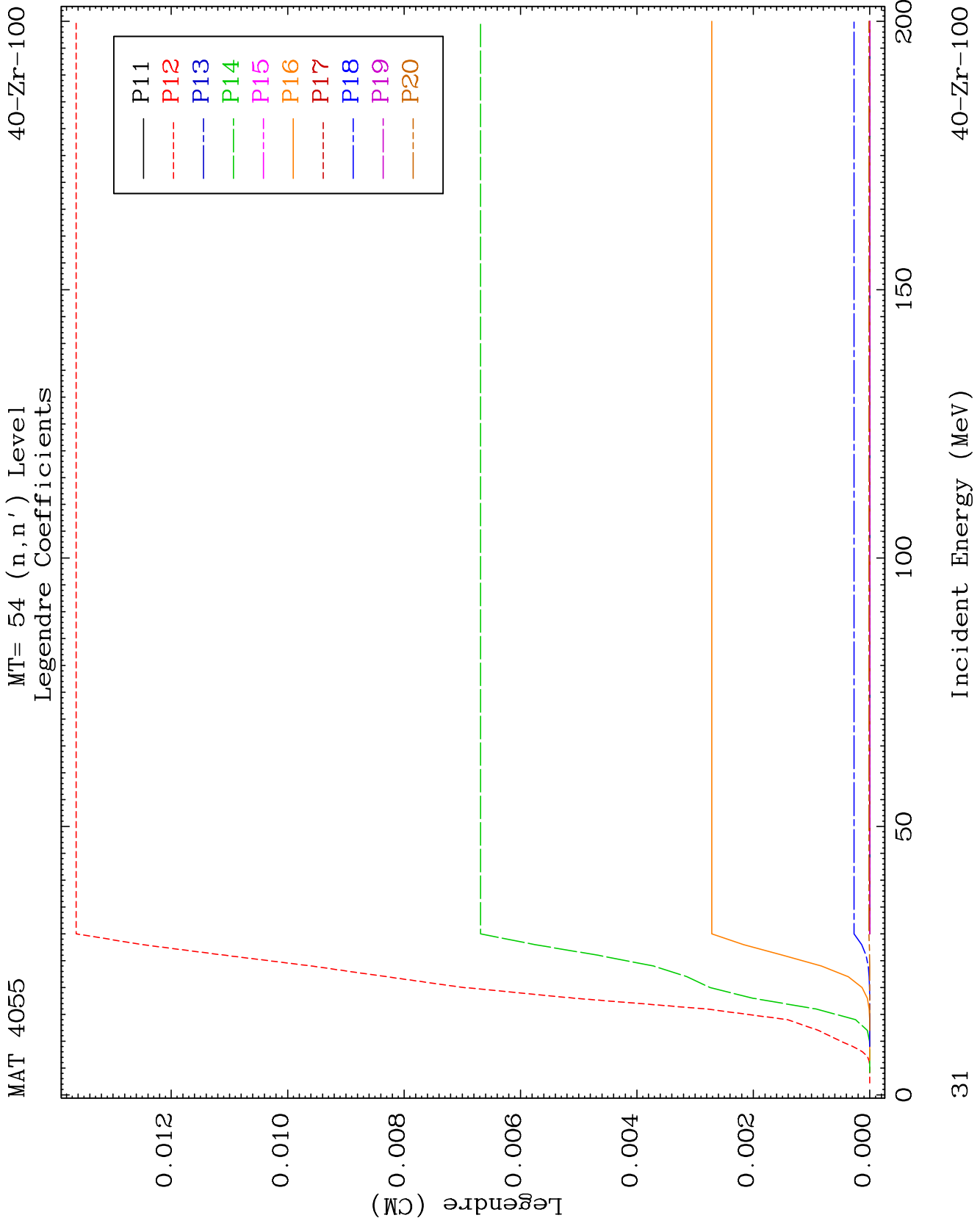
MAT 4055

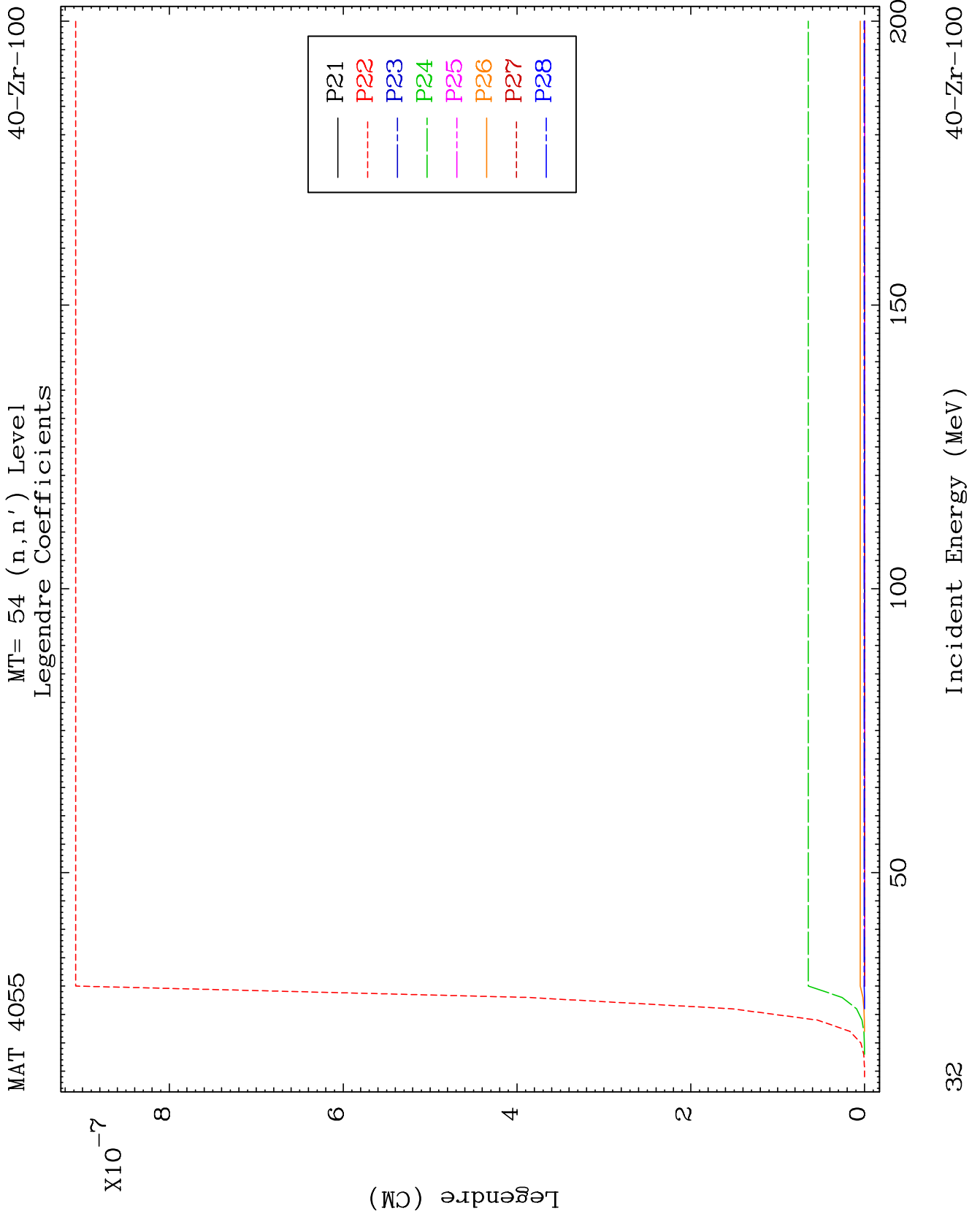
MT= 53 (n,n') Level
Legendre Coefficients

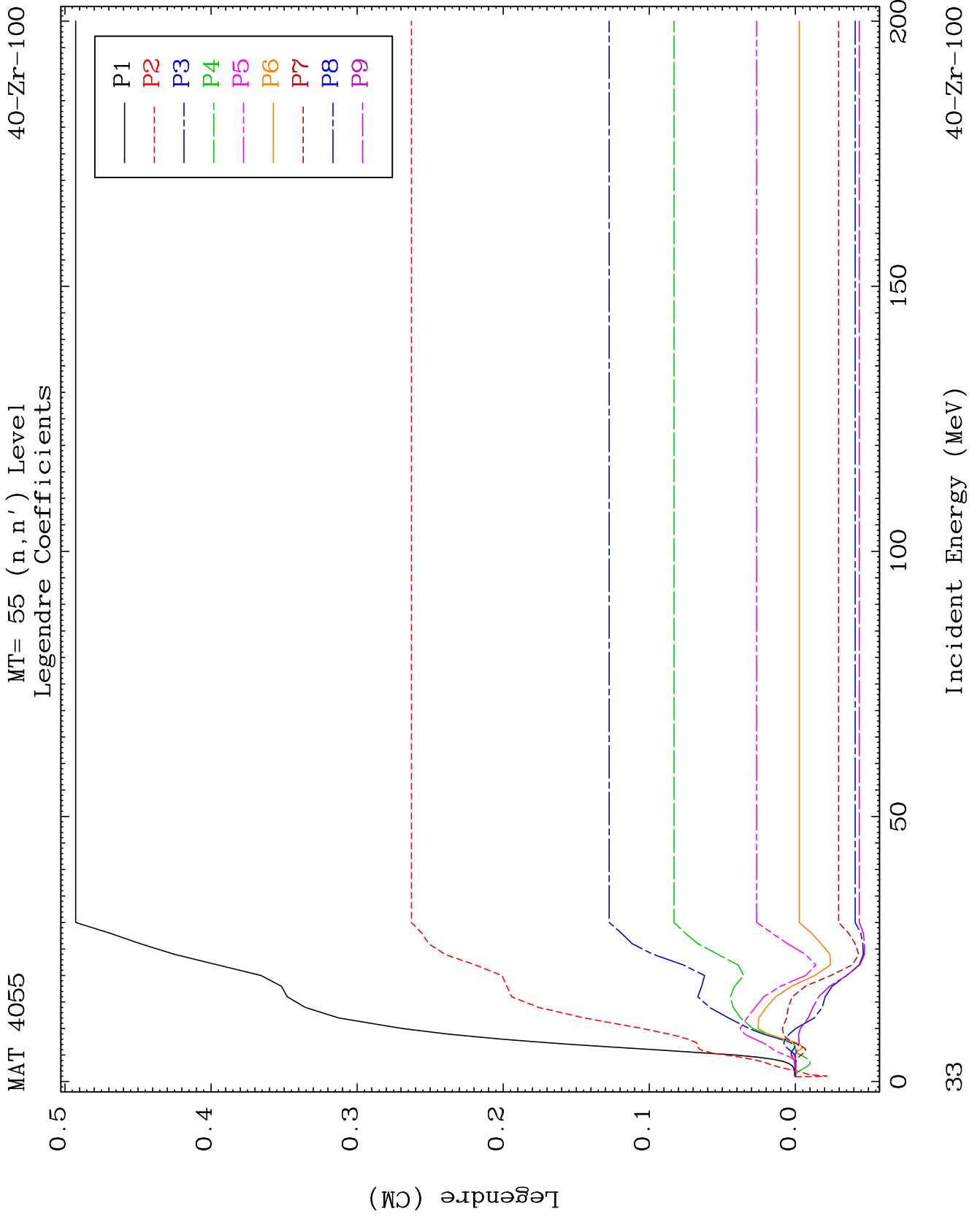
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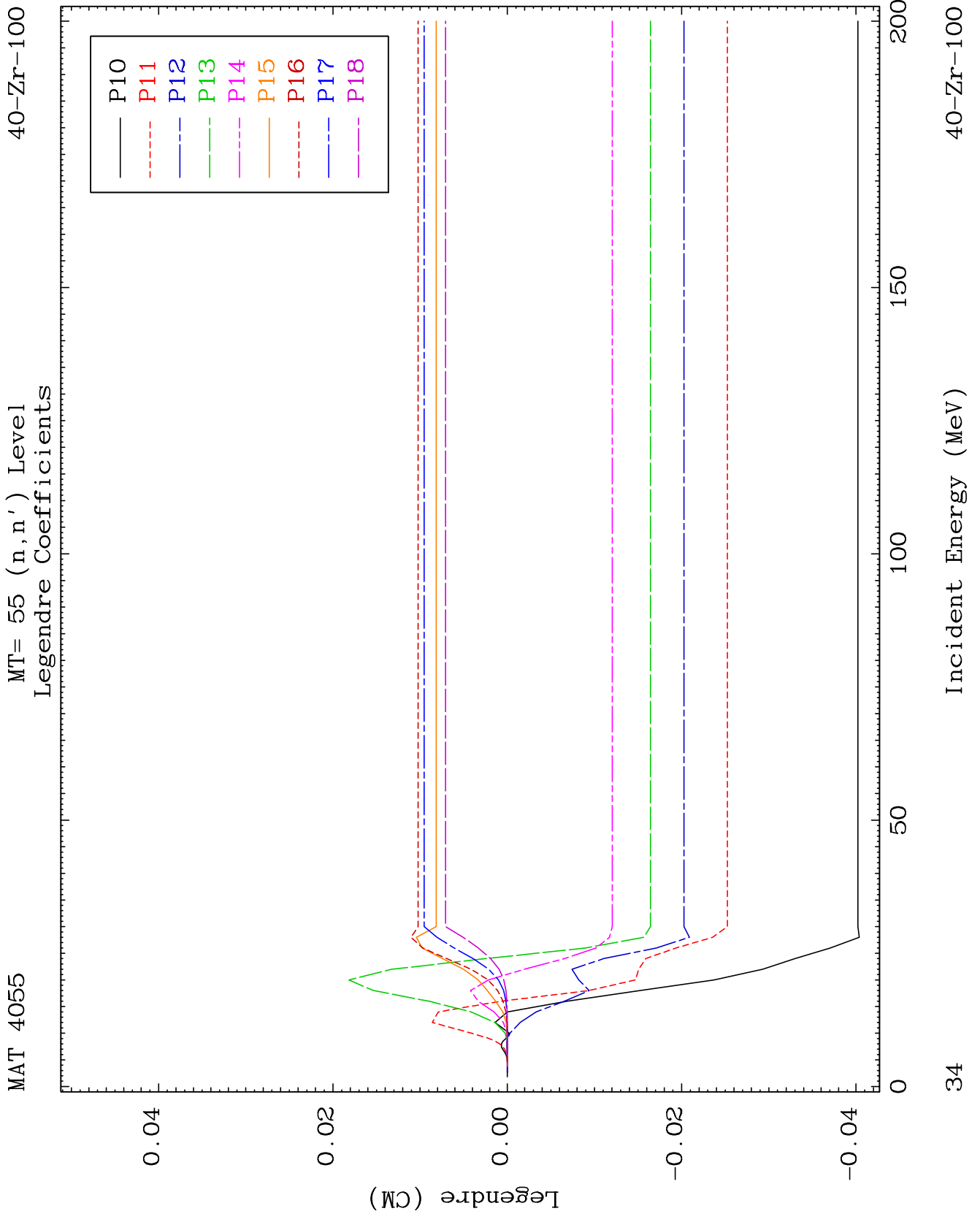


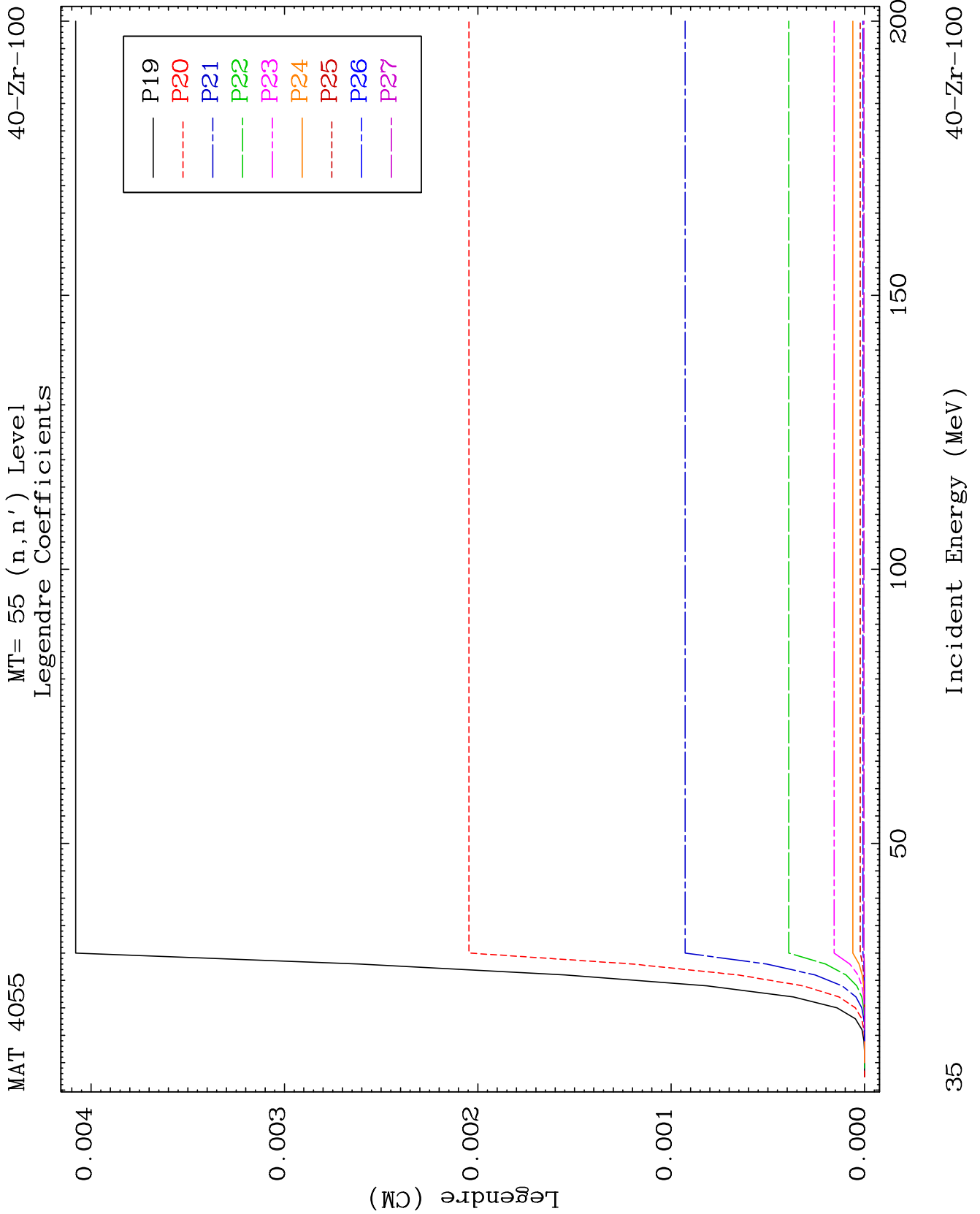


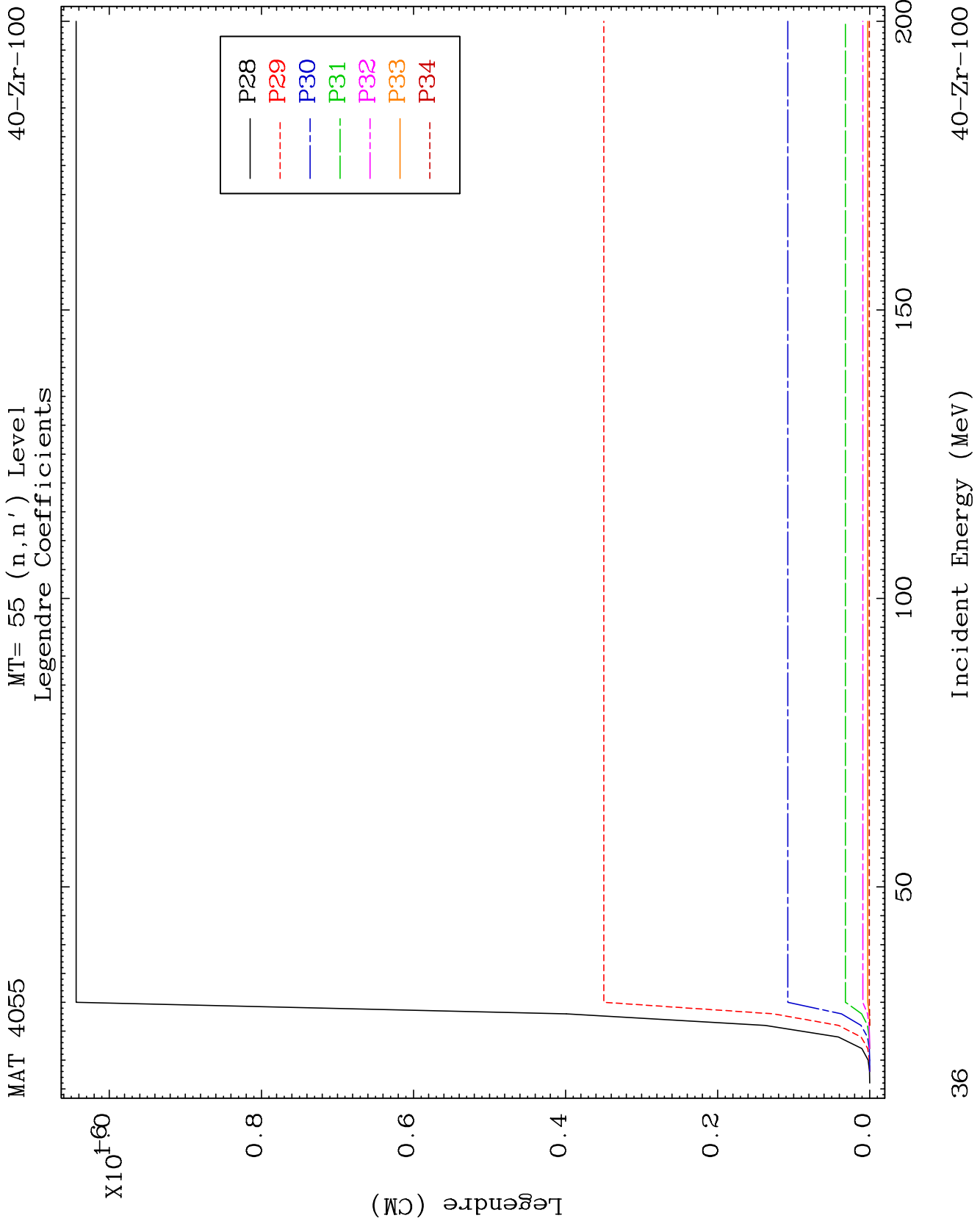








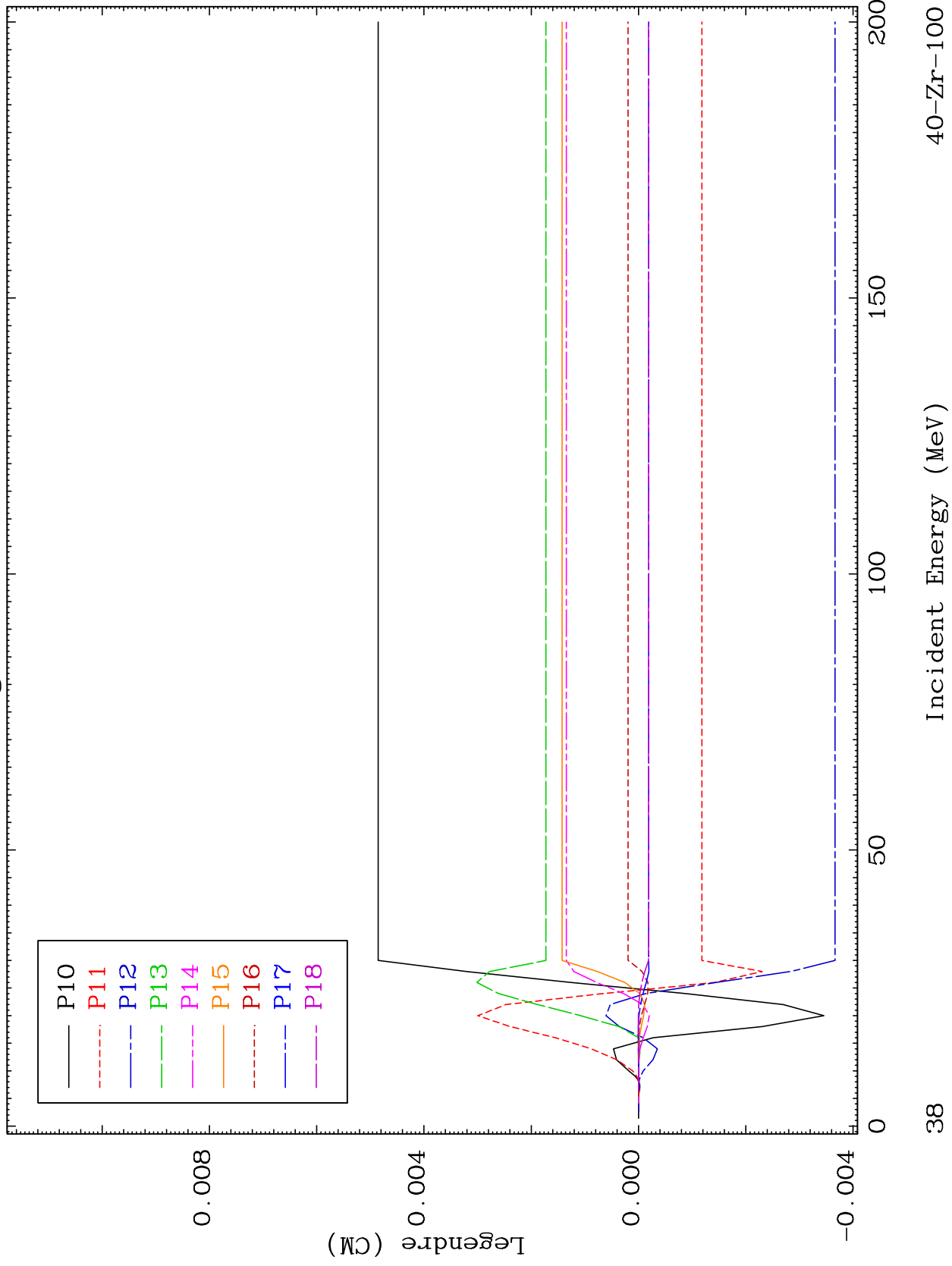




MAT 4055

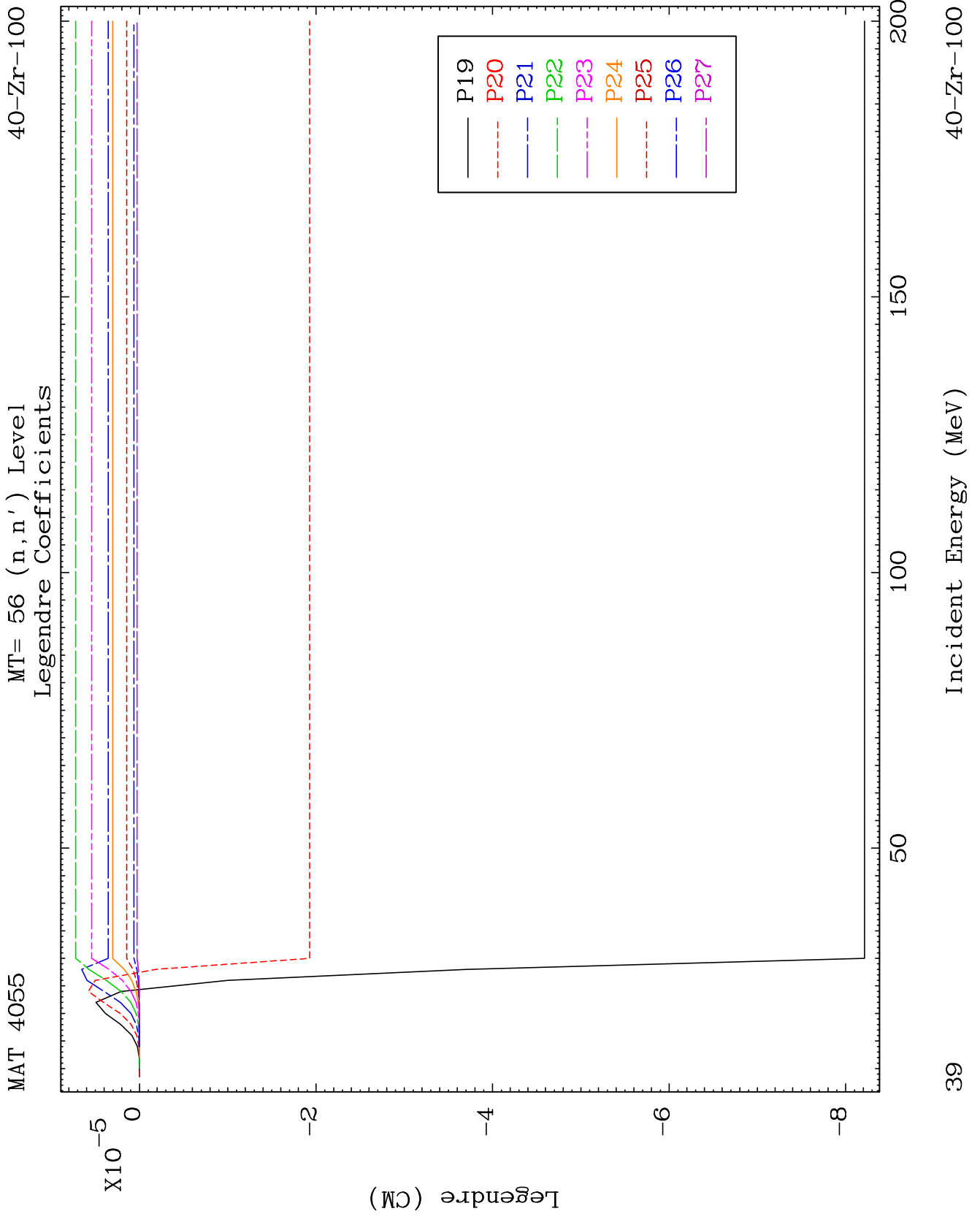
MT= 56 (n,n') Level
Legendre Coefficients

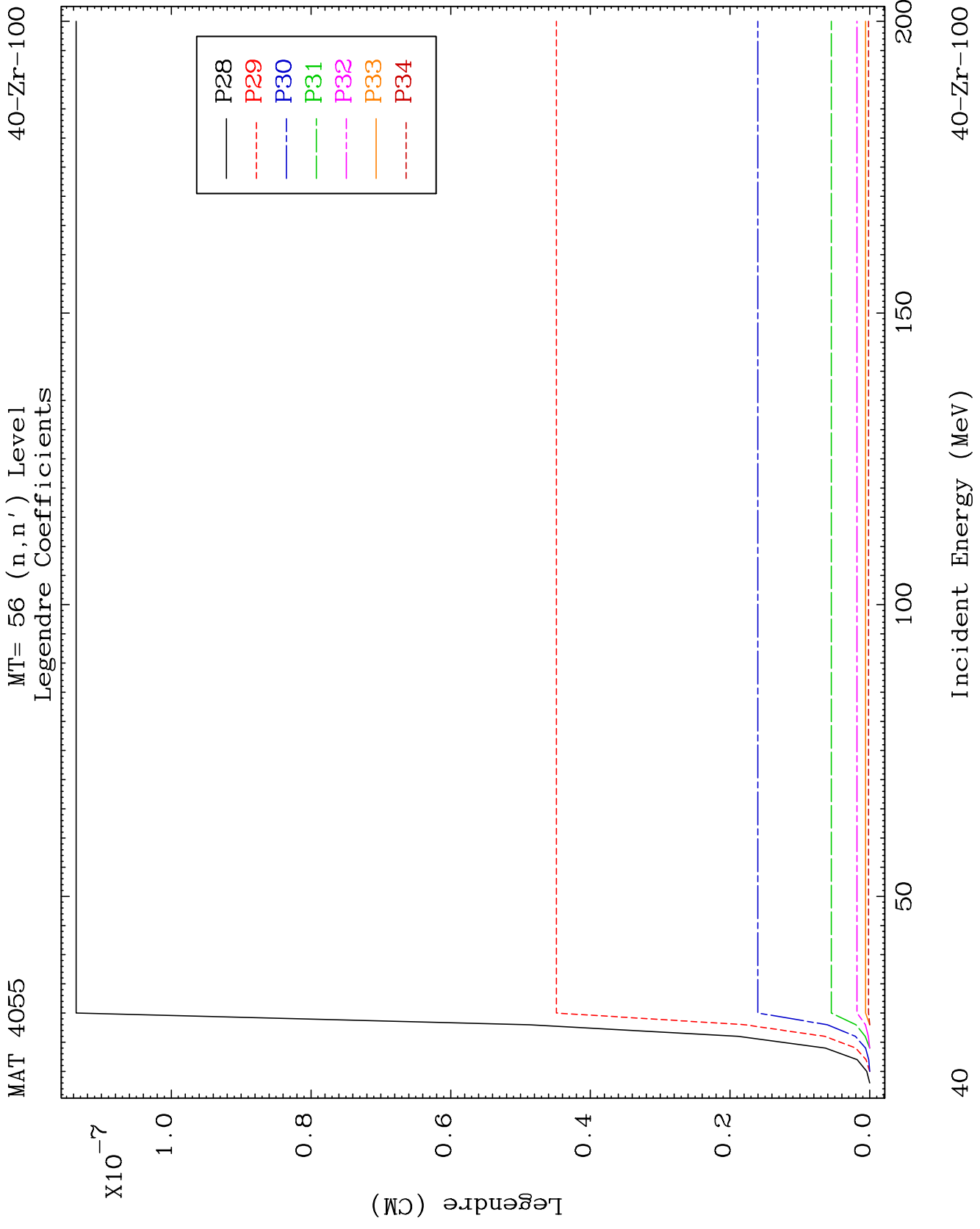
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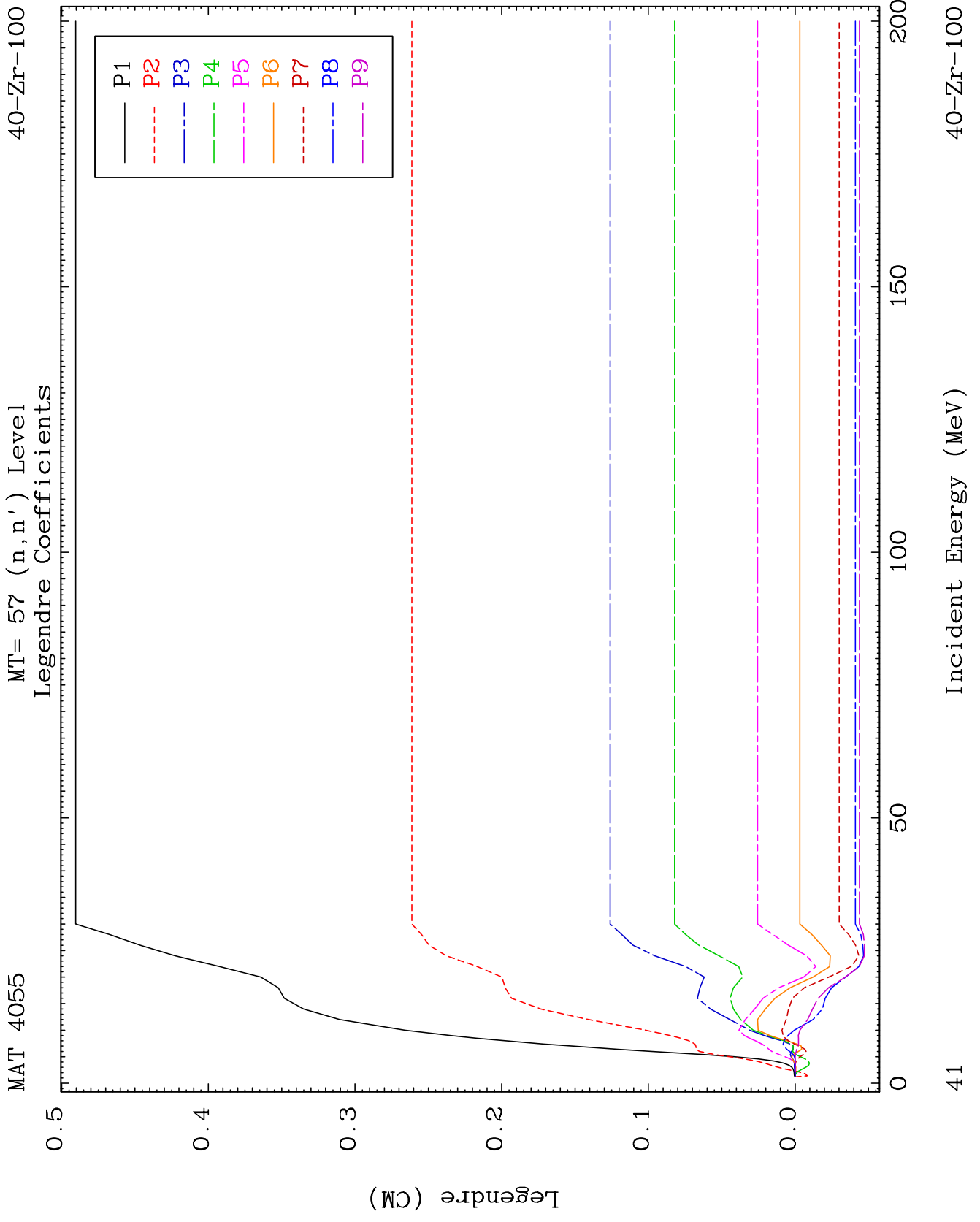


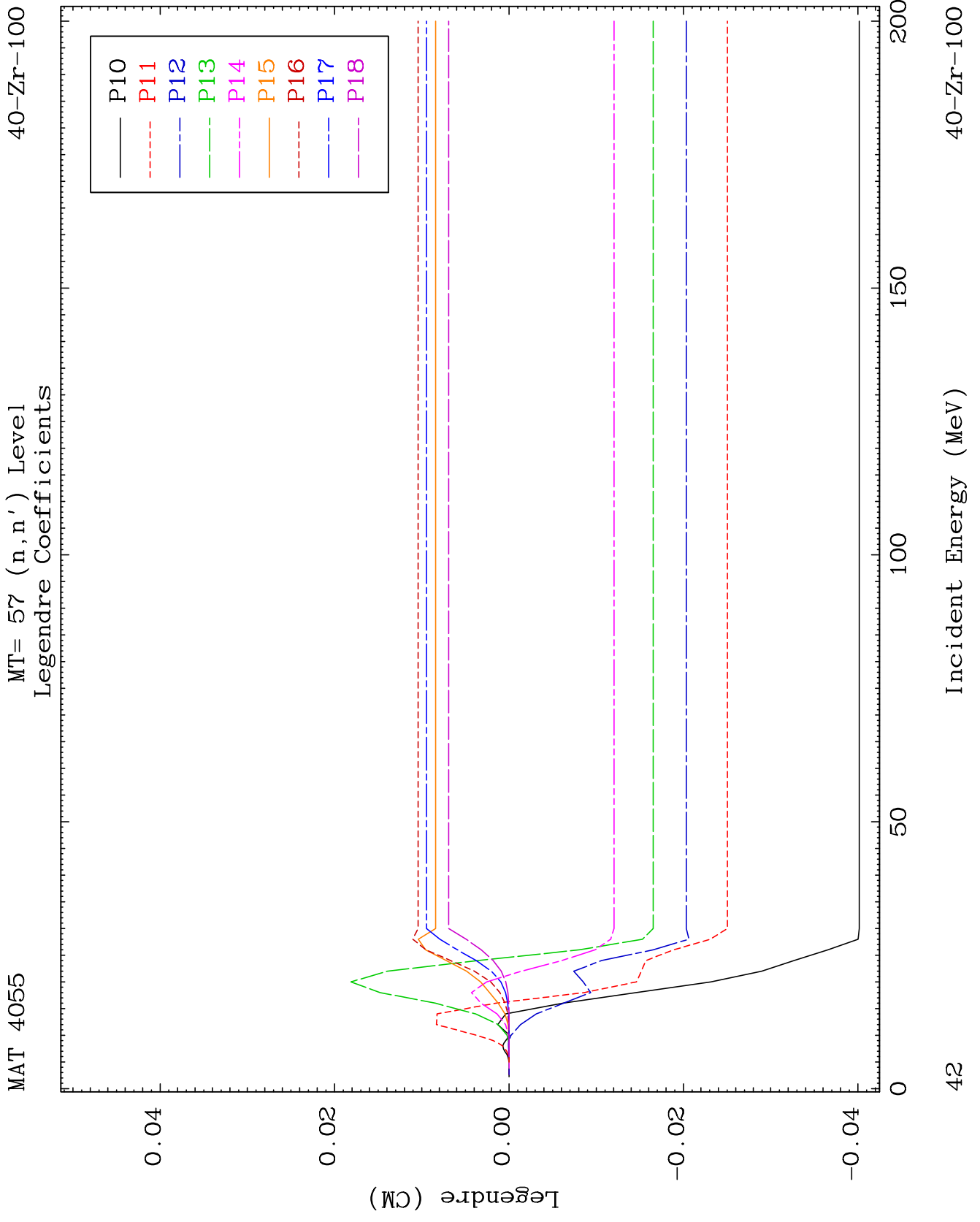
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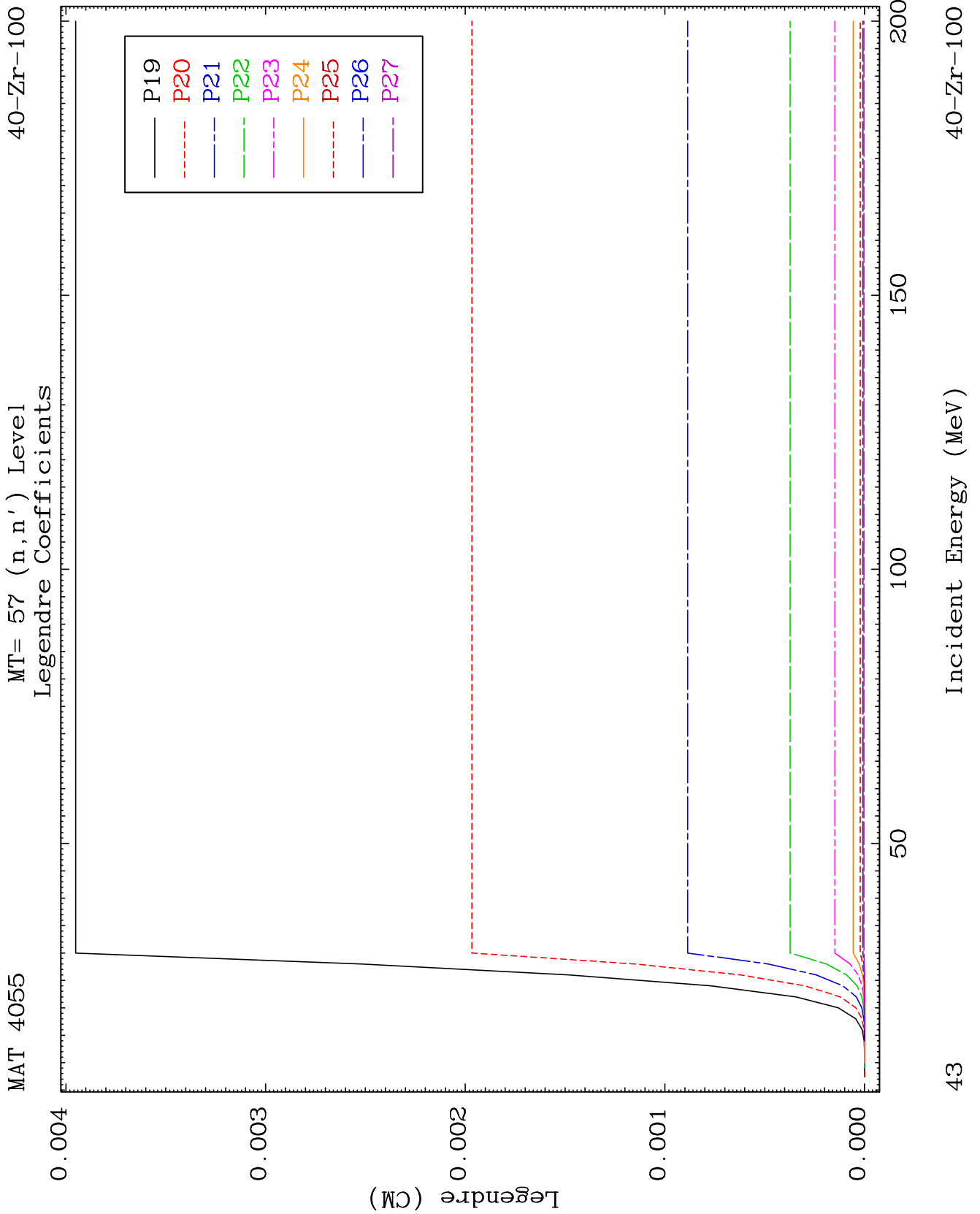
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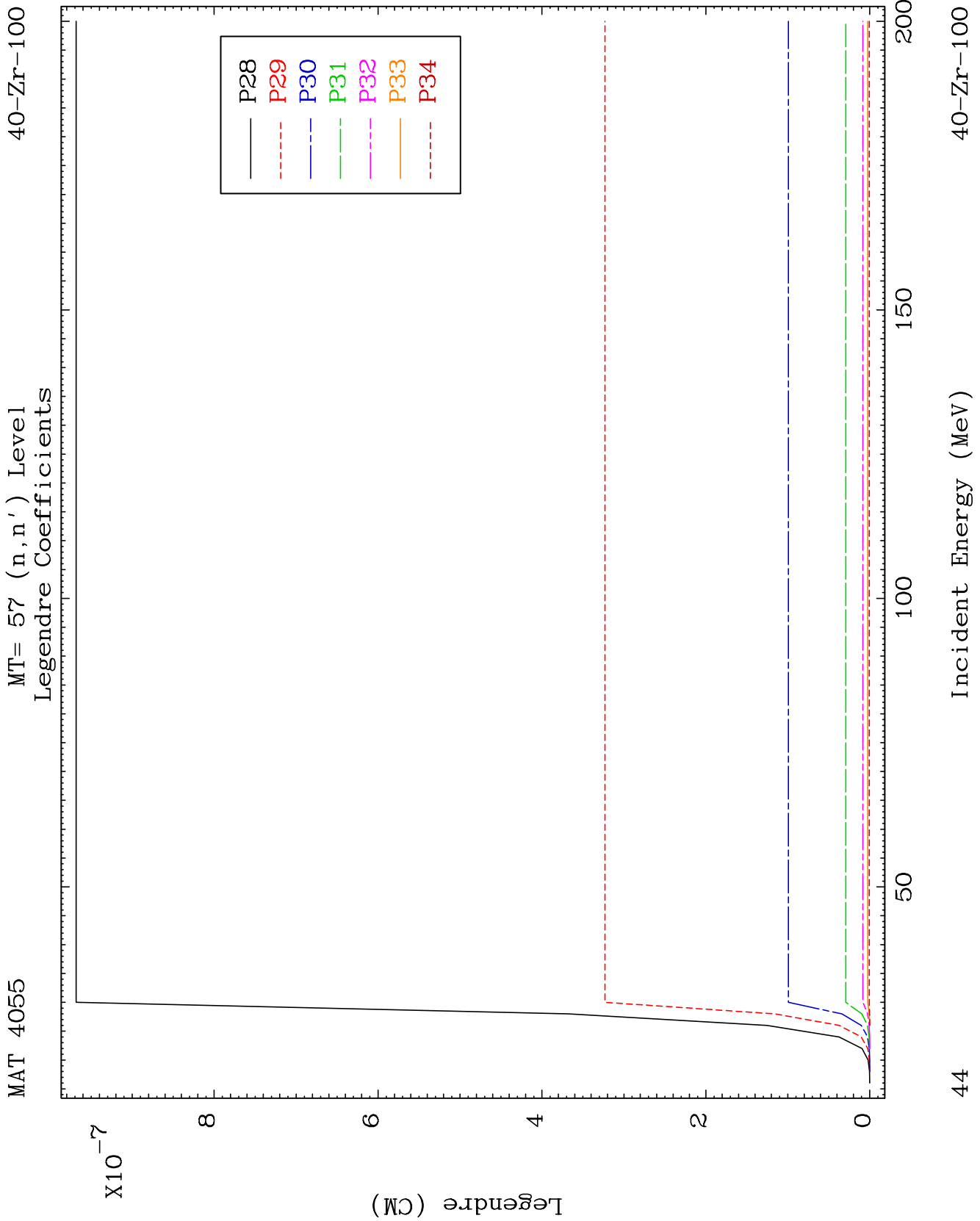


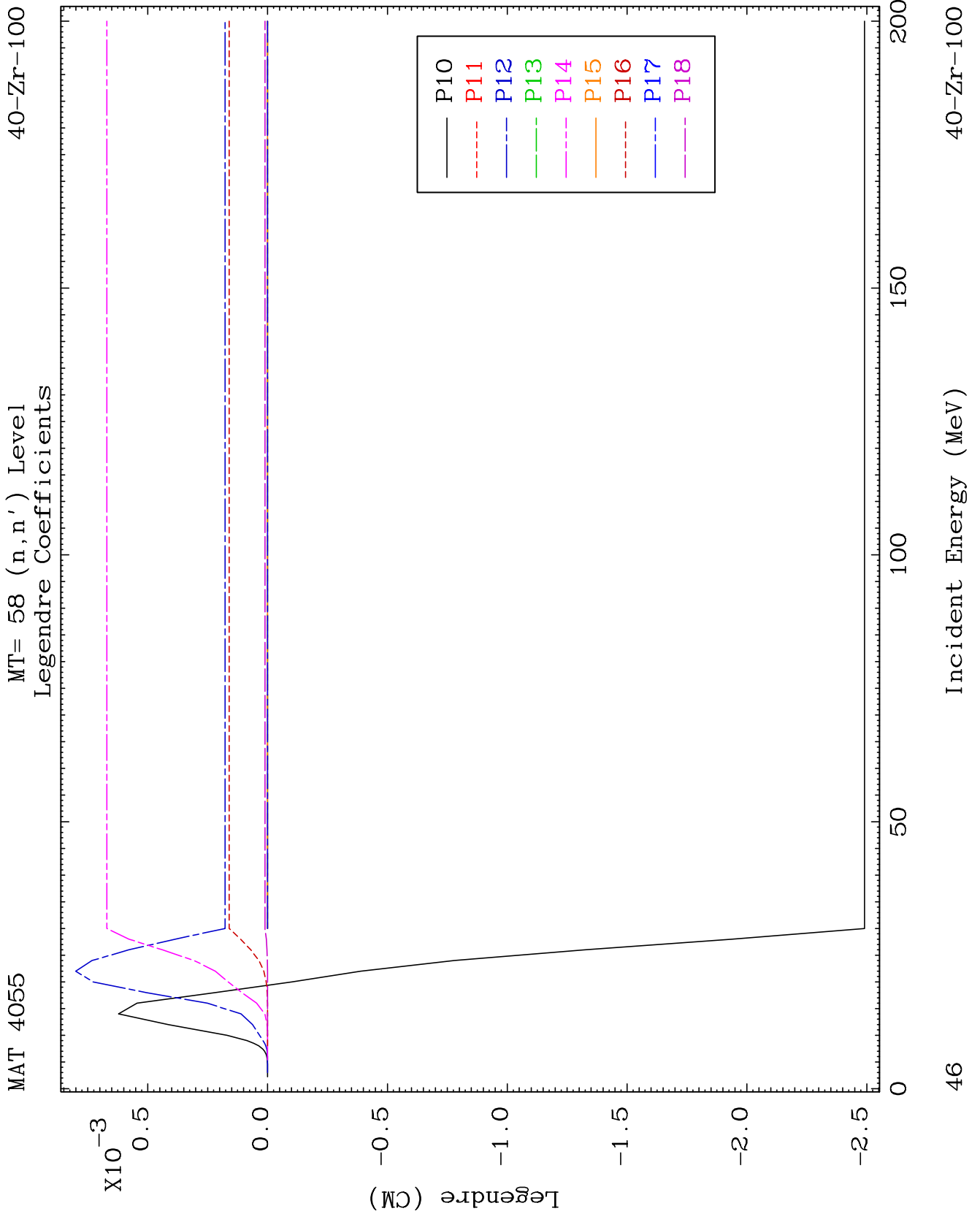


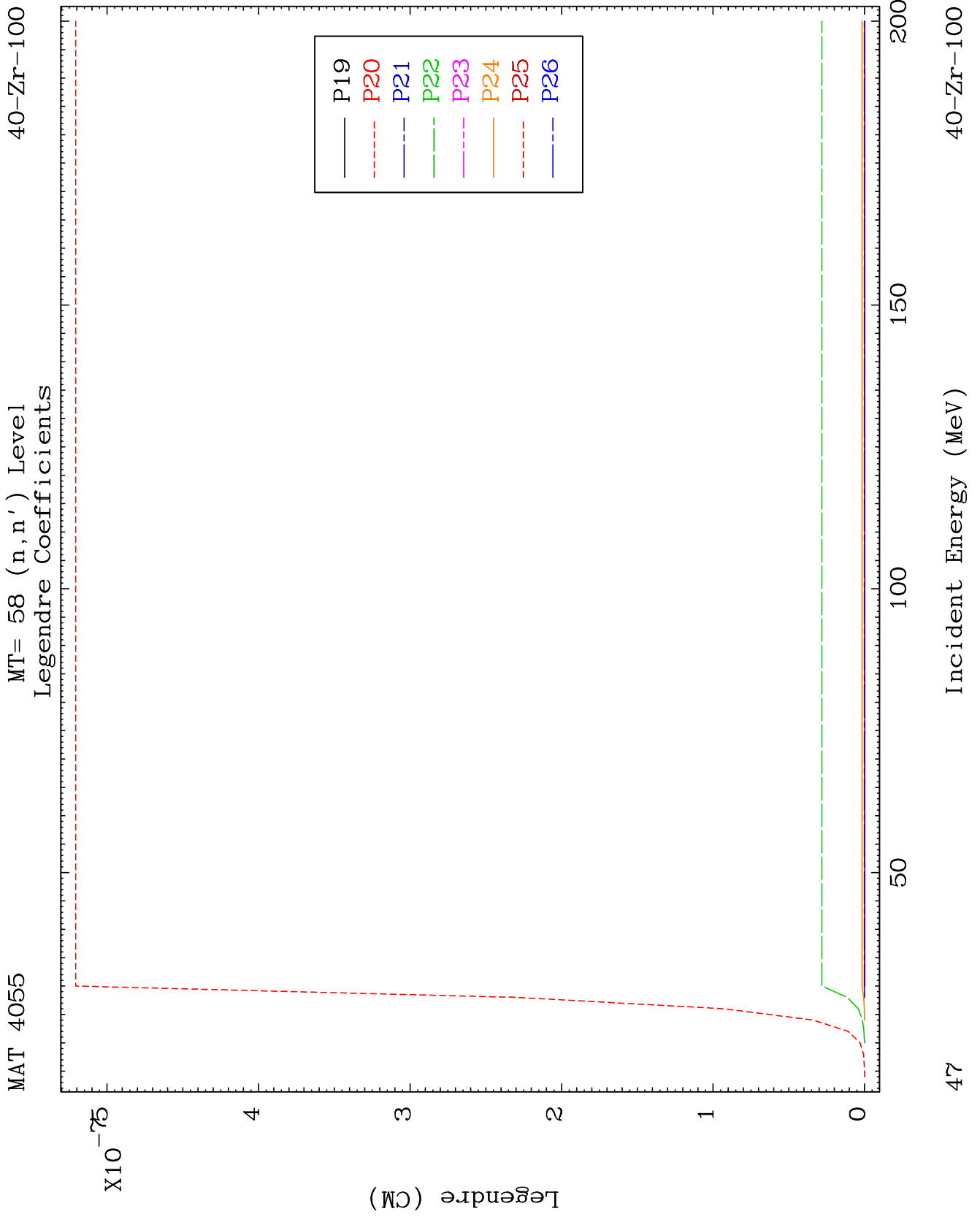


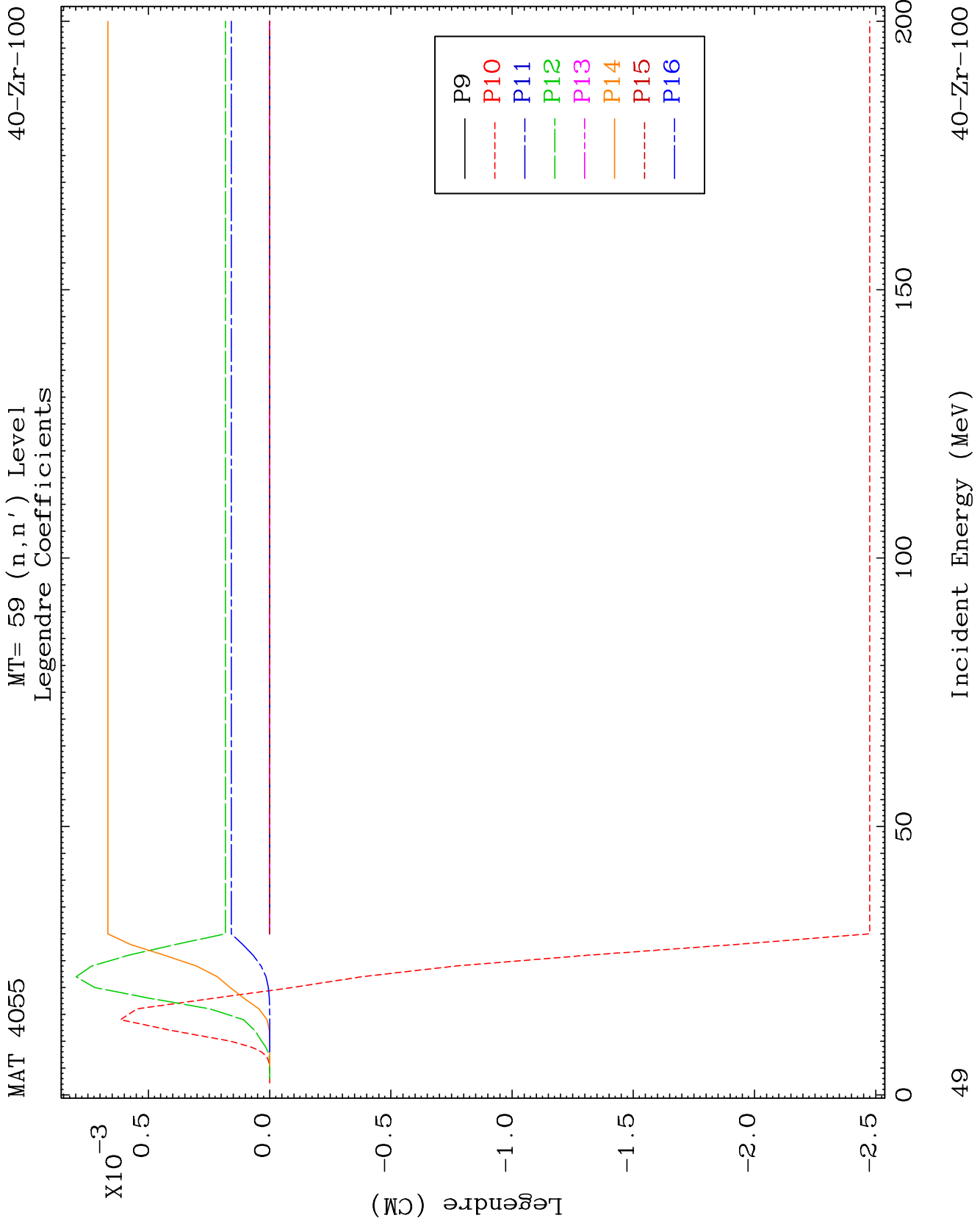


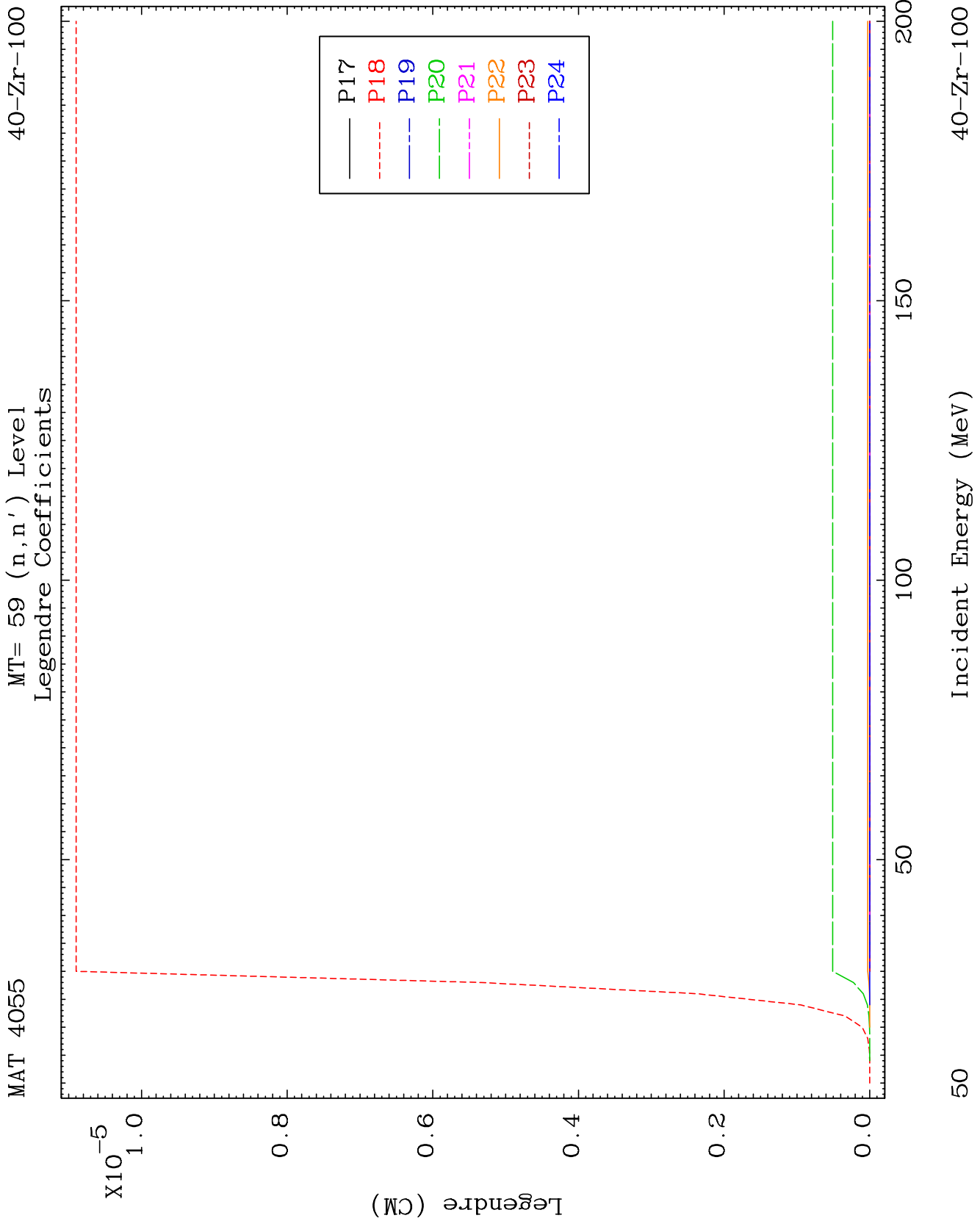


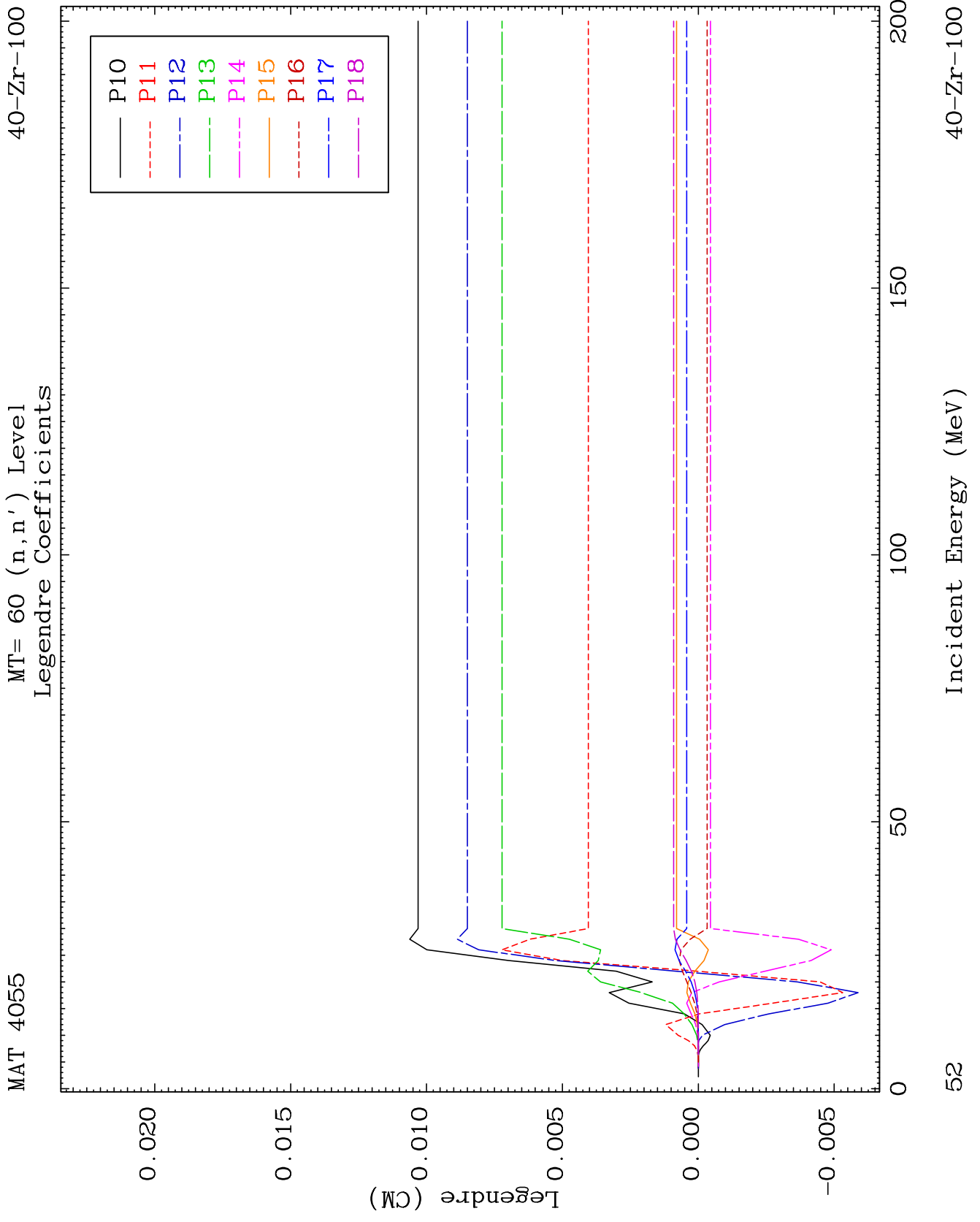


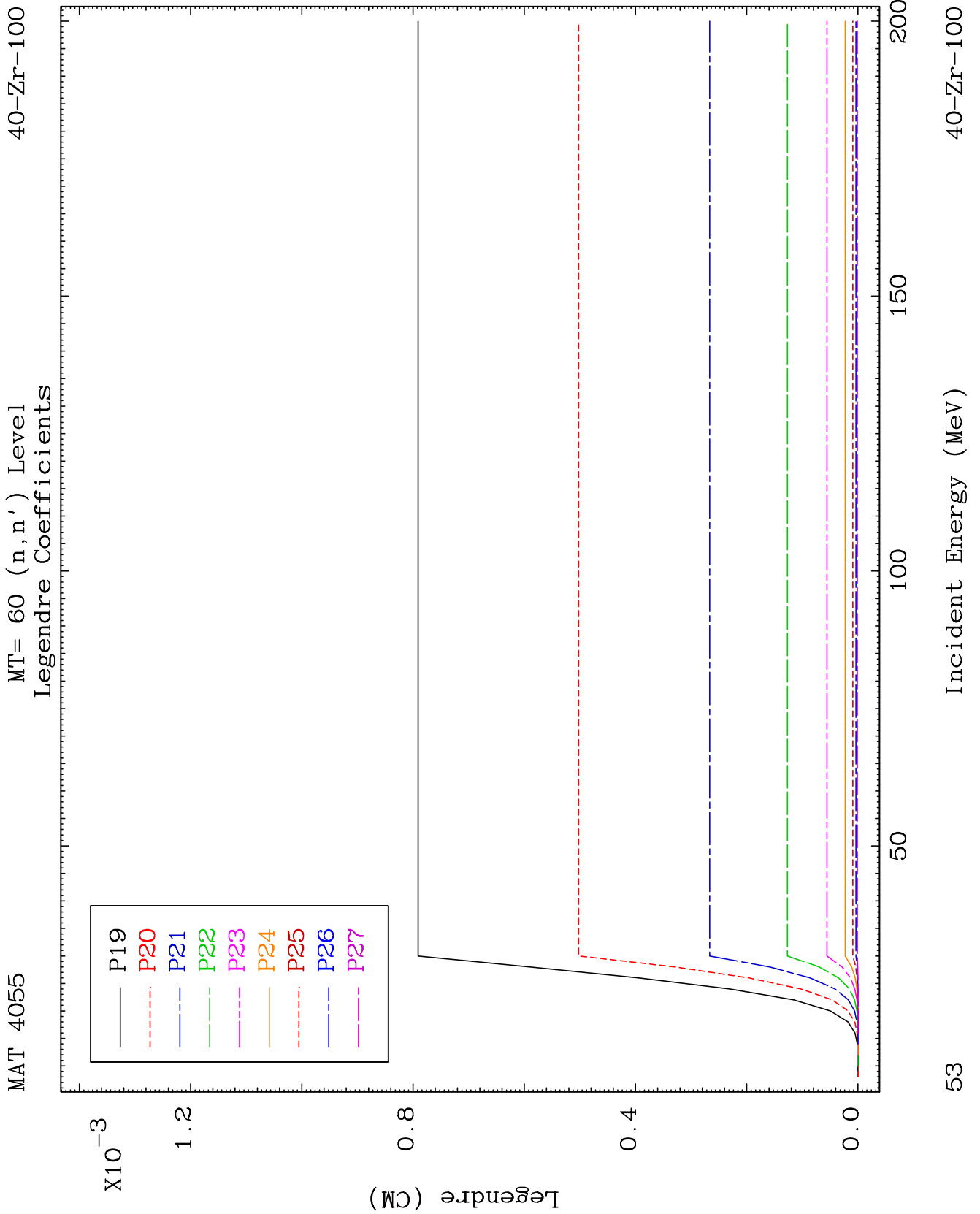


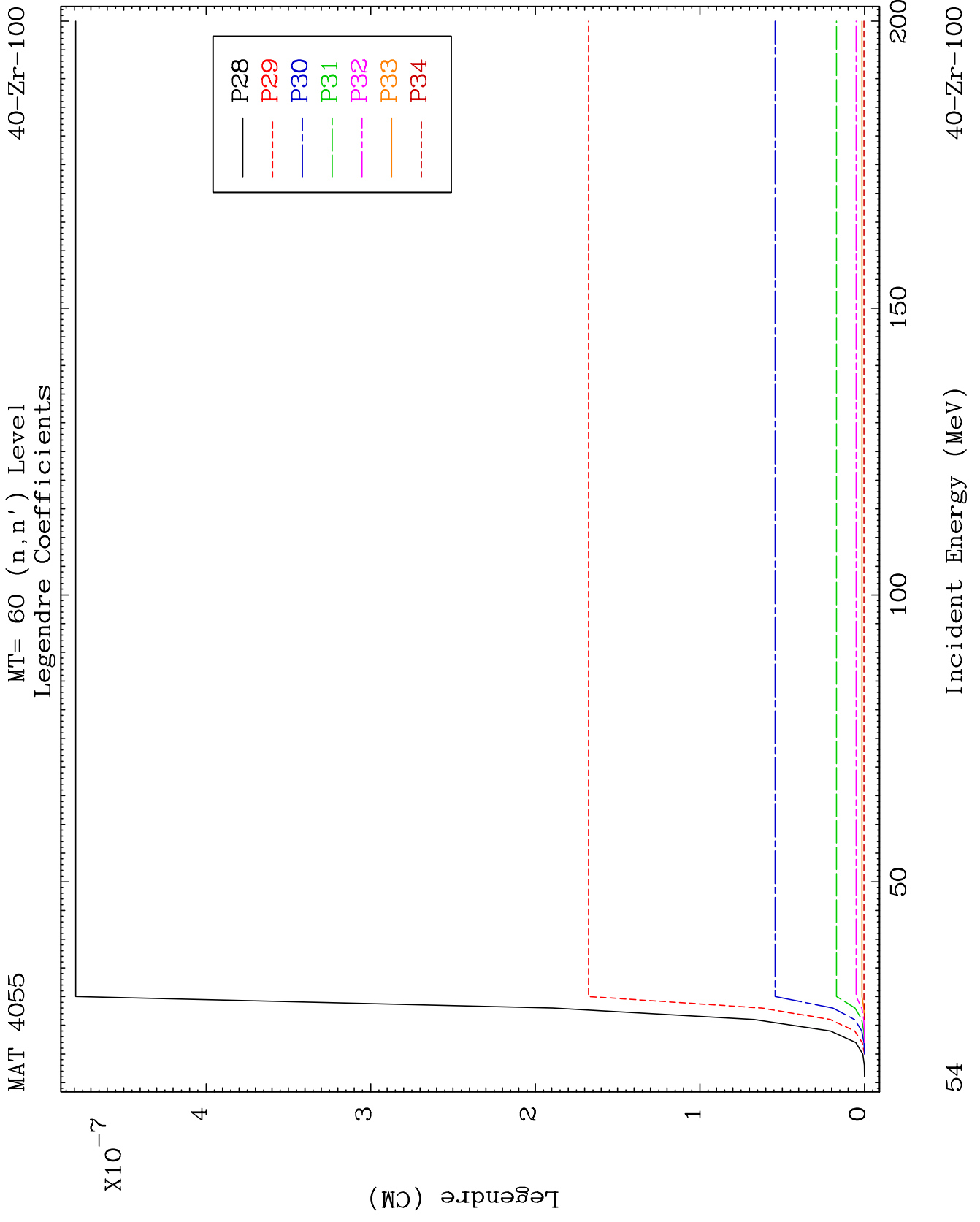


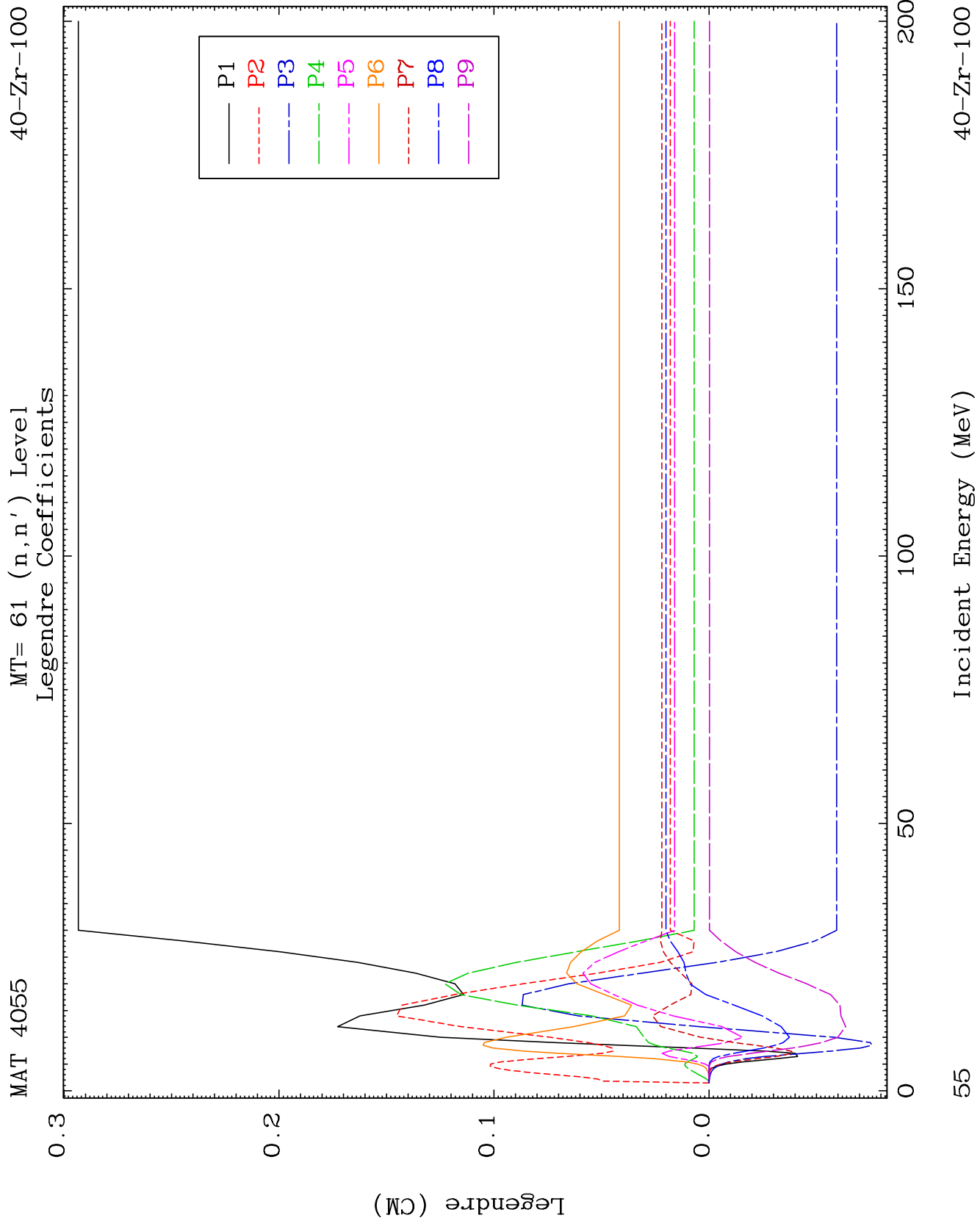








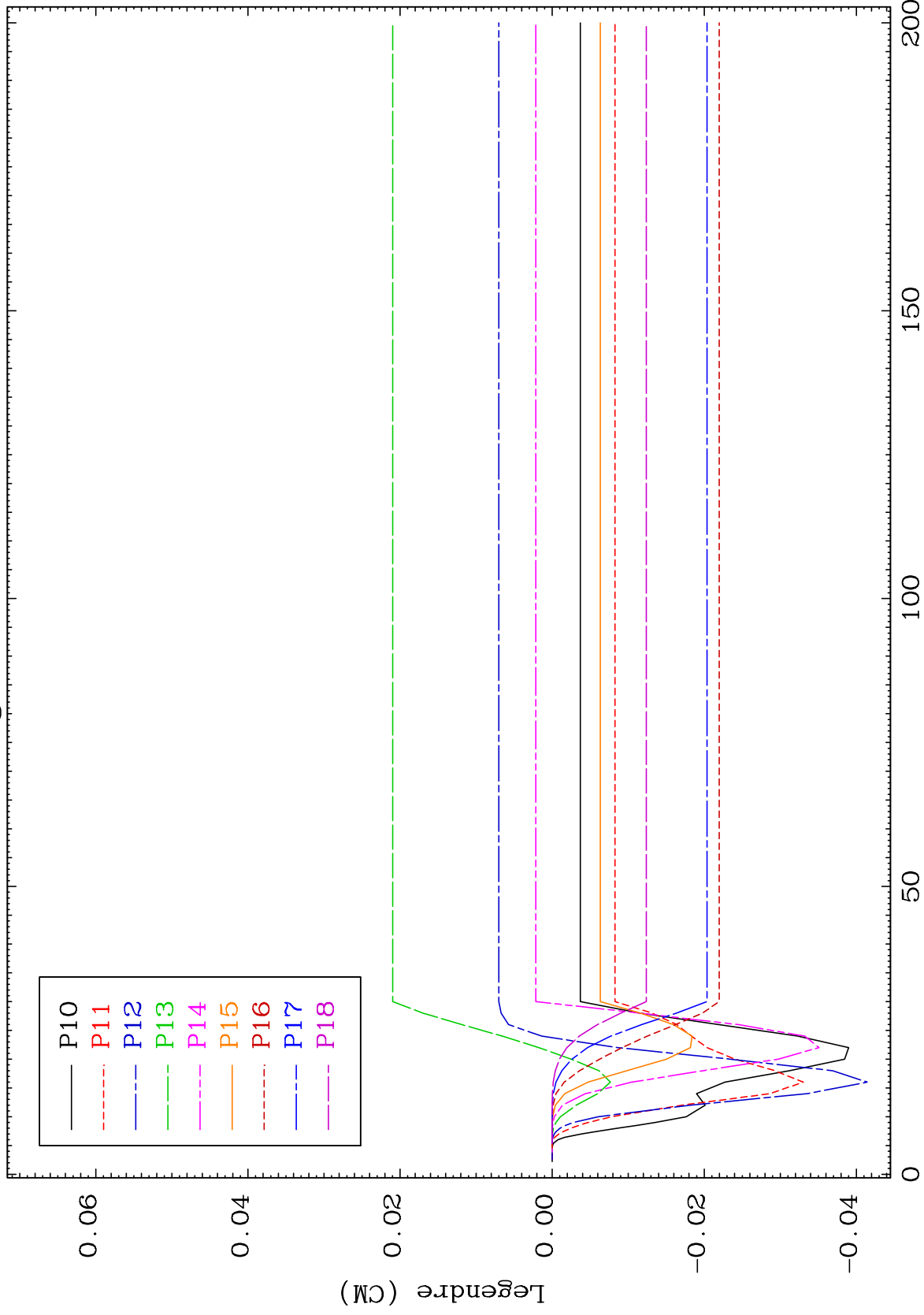




MAT 4055

MT= 61 (n,n') Level
Legendre Coefficients

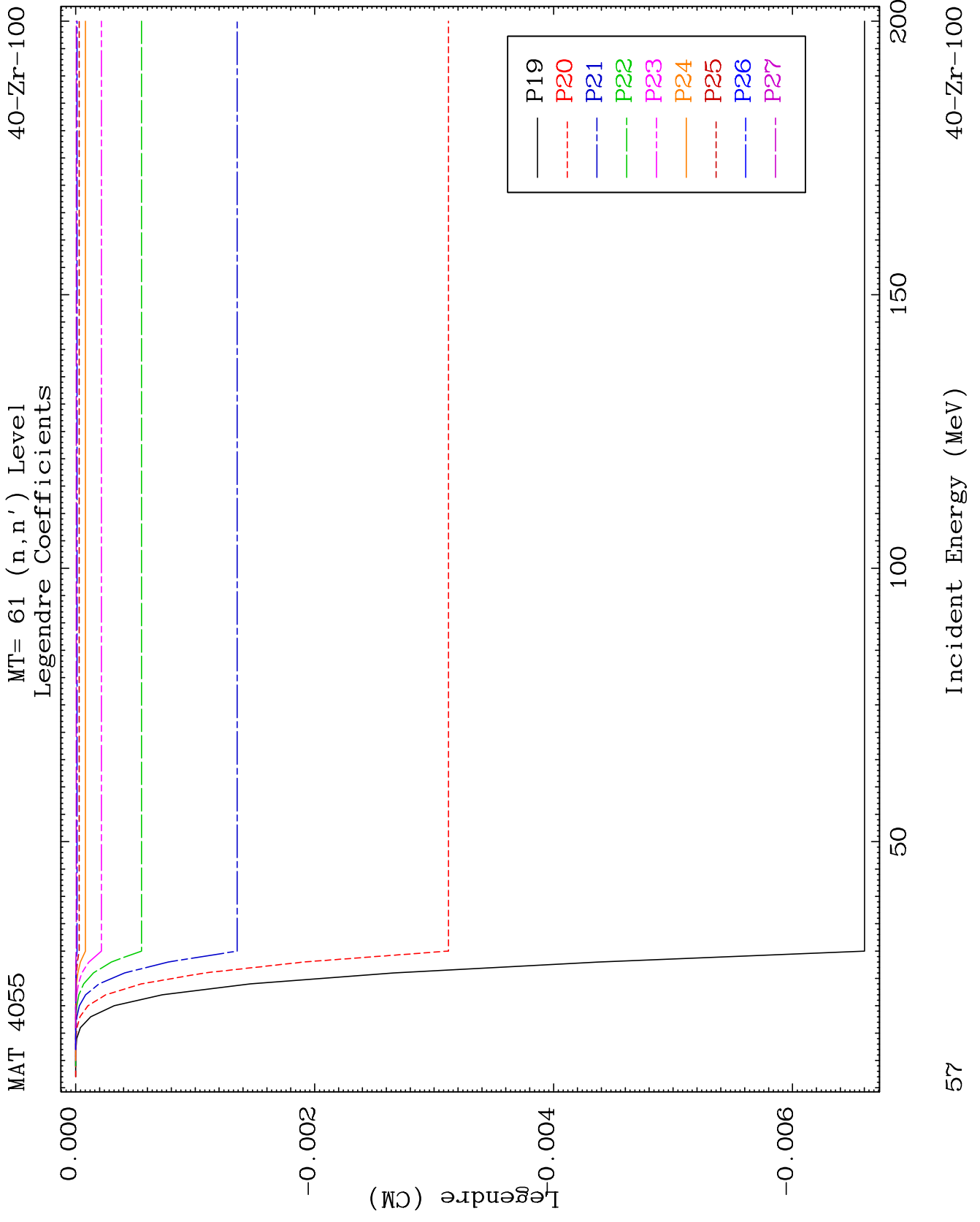
40-Zr-100

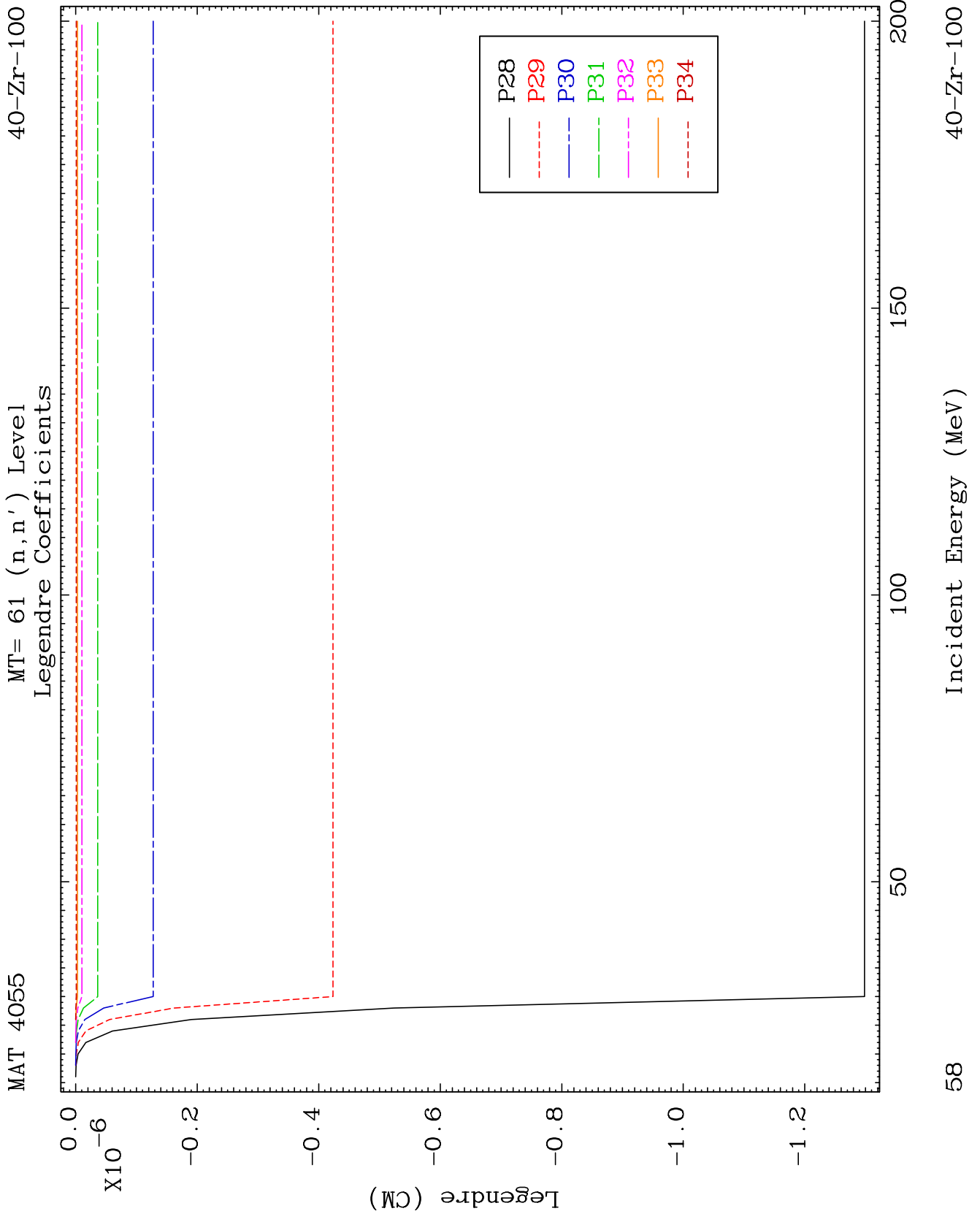


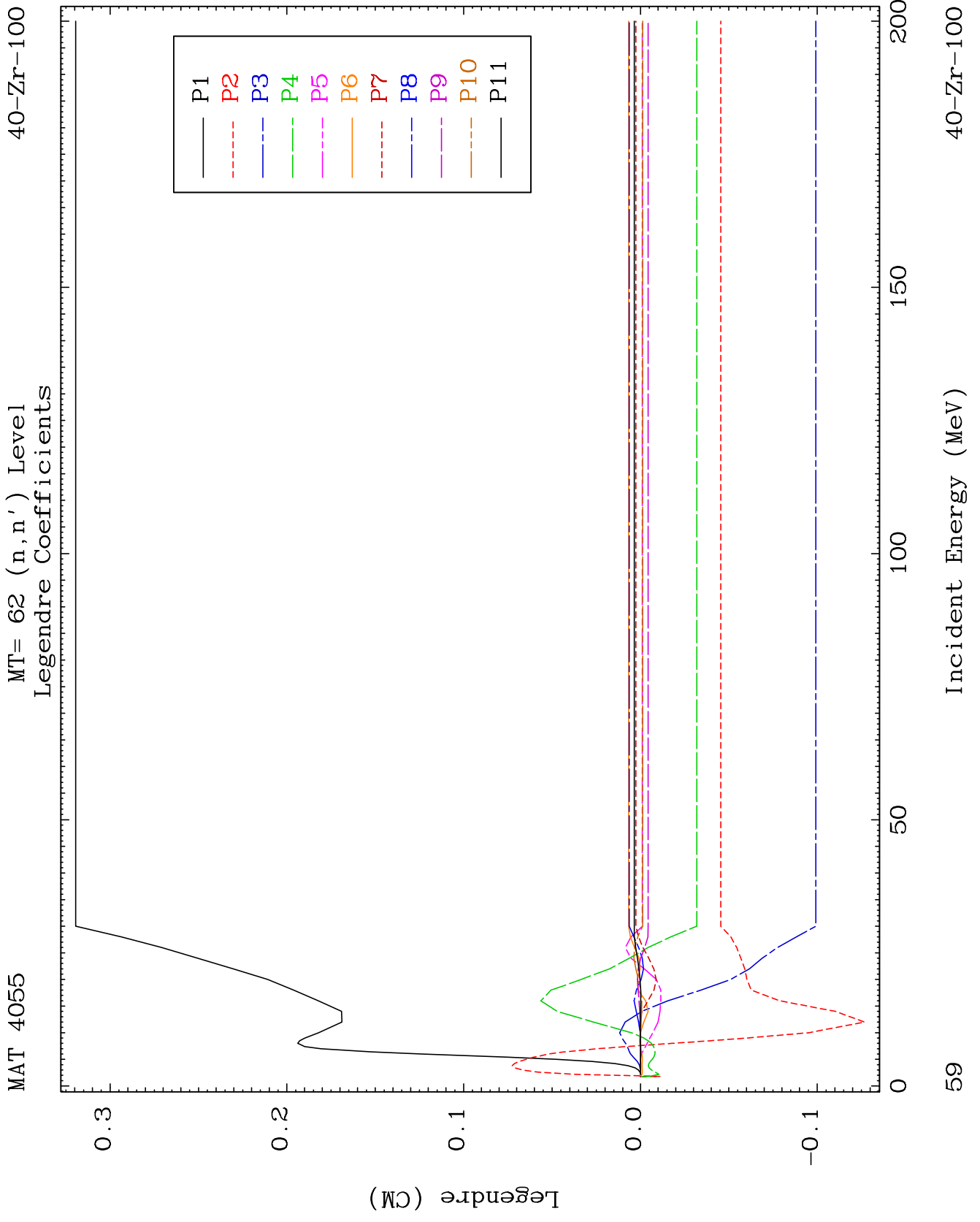
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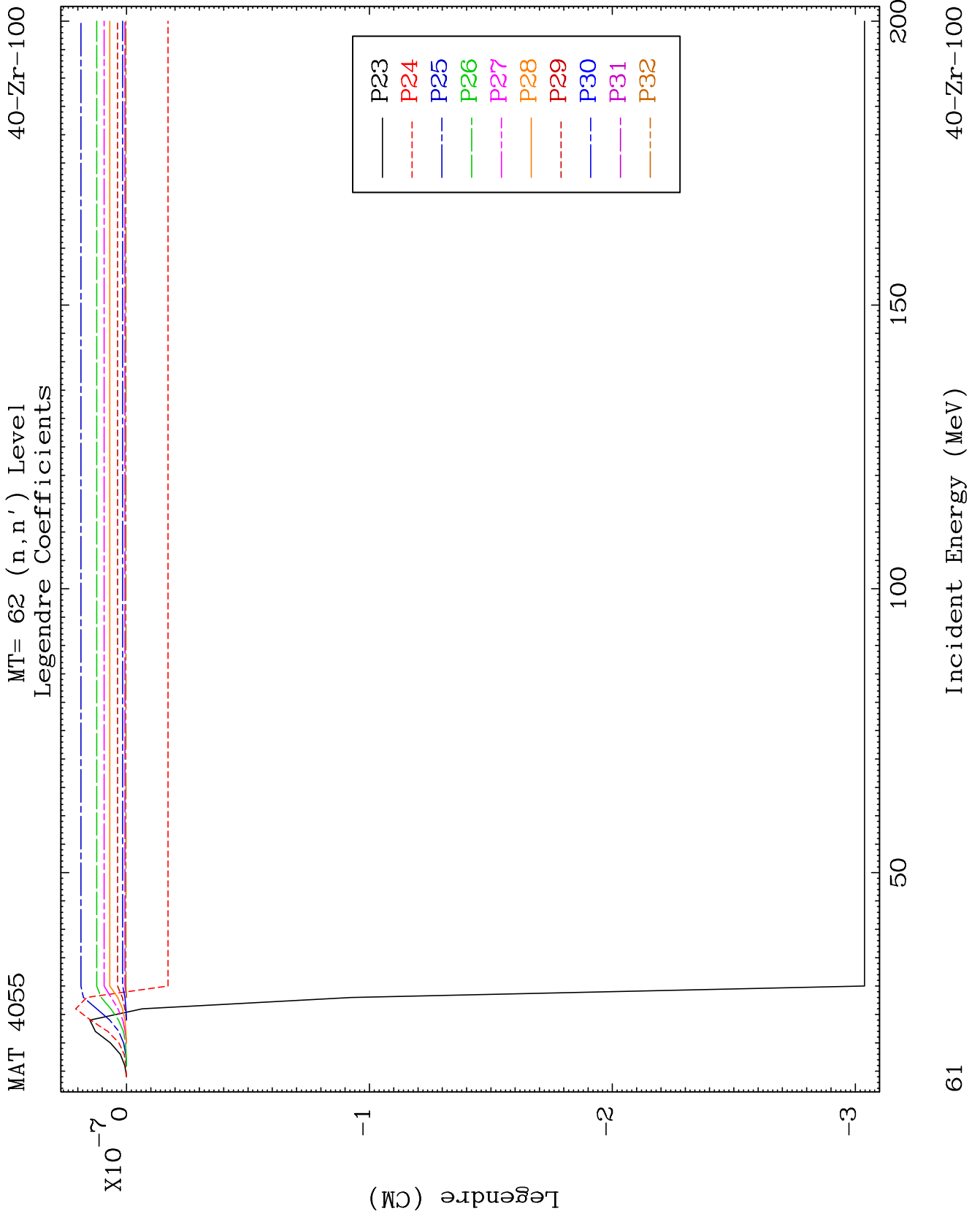
Incident Energy (MeV)

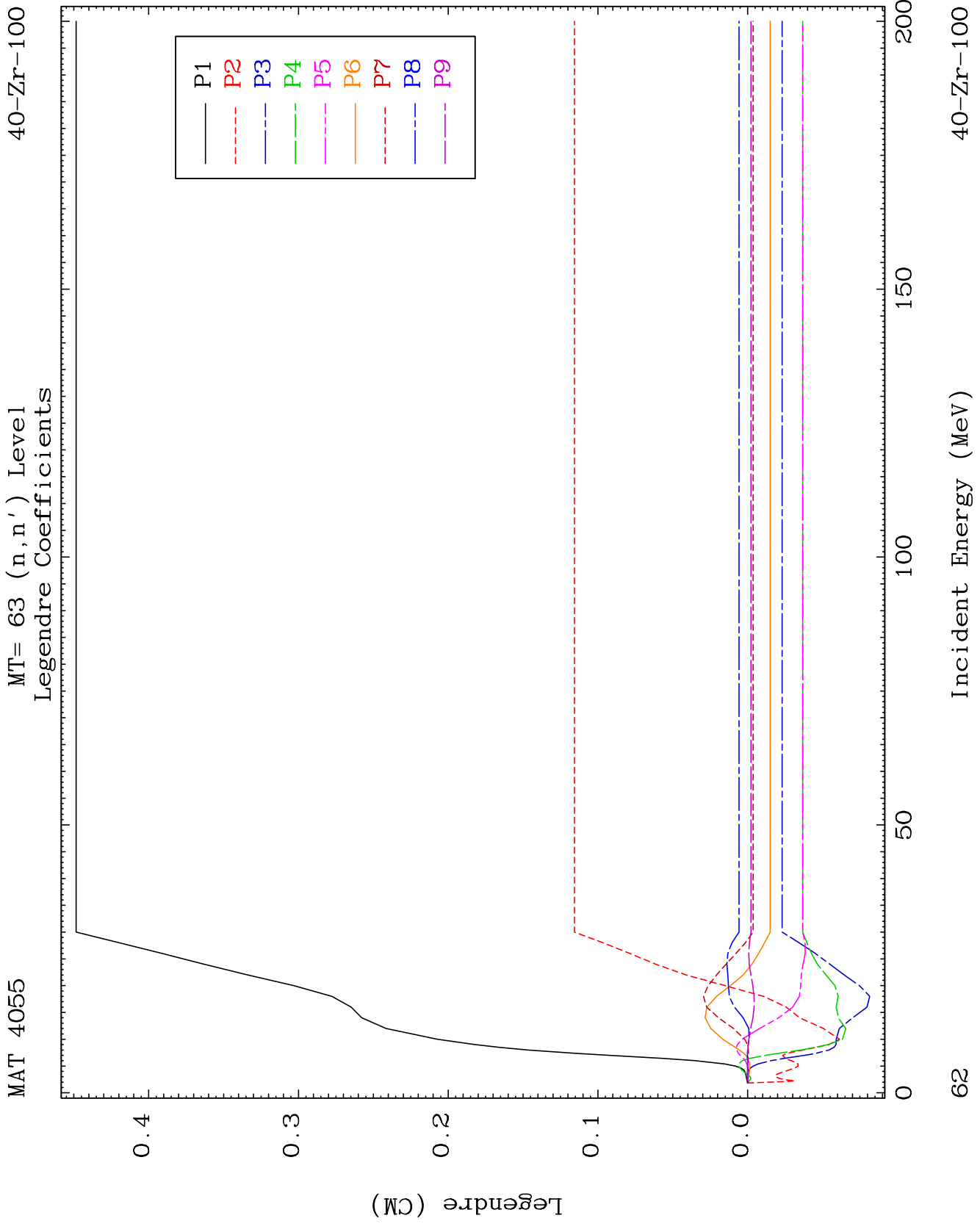
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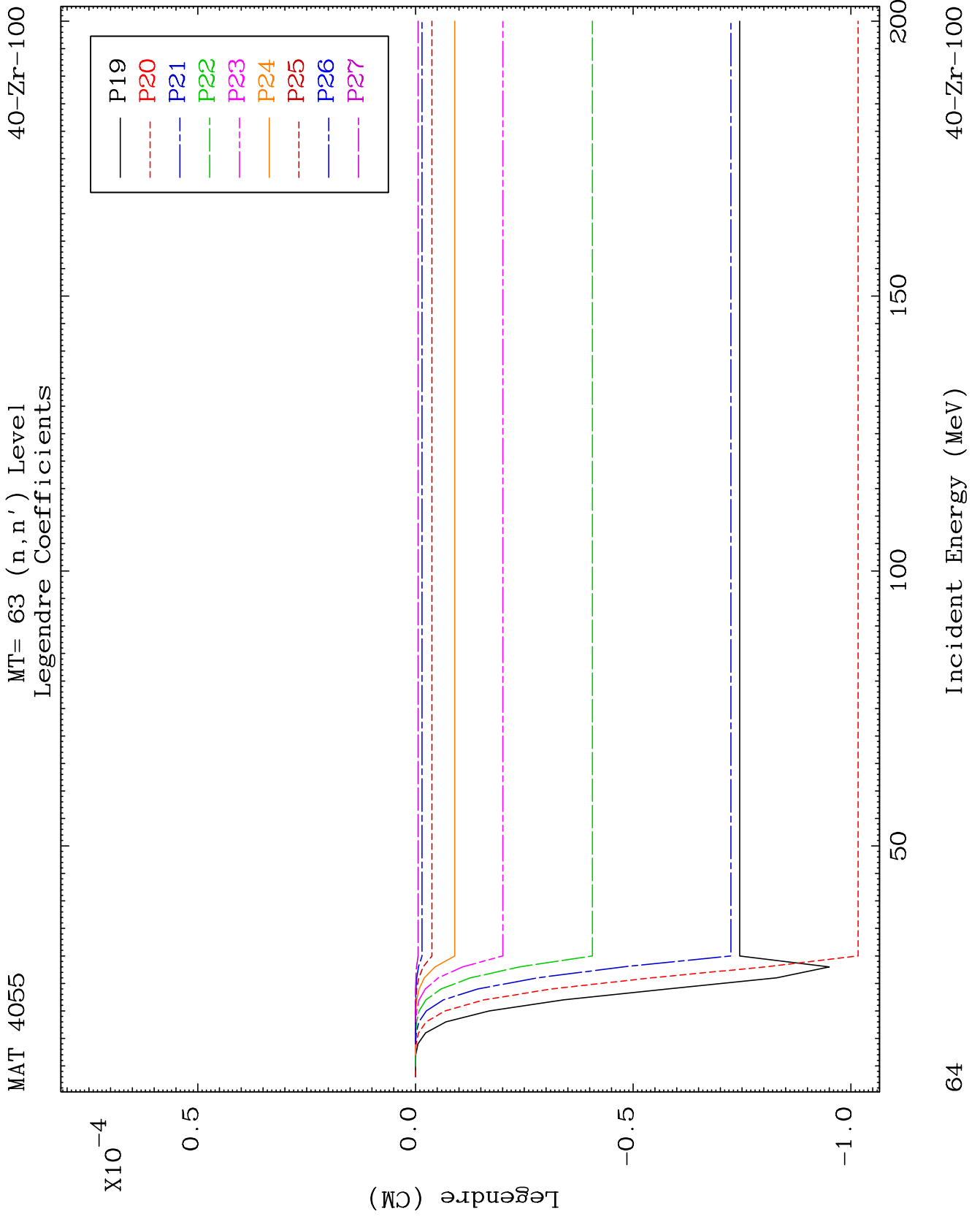


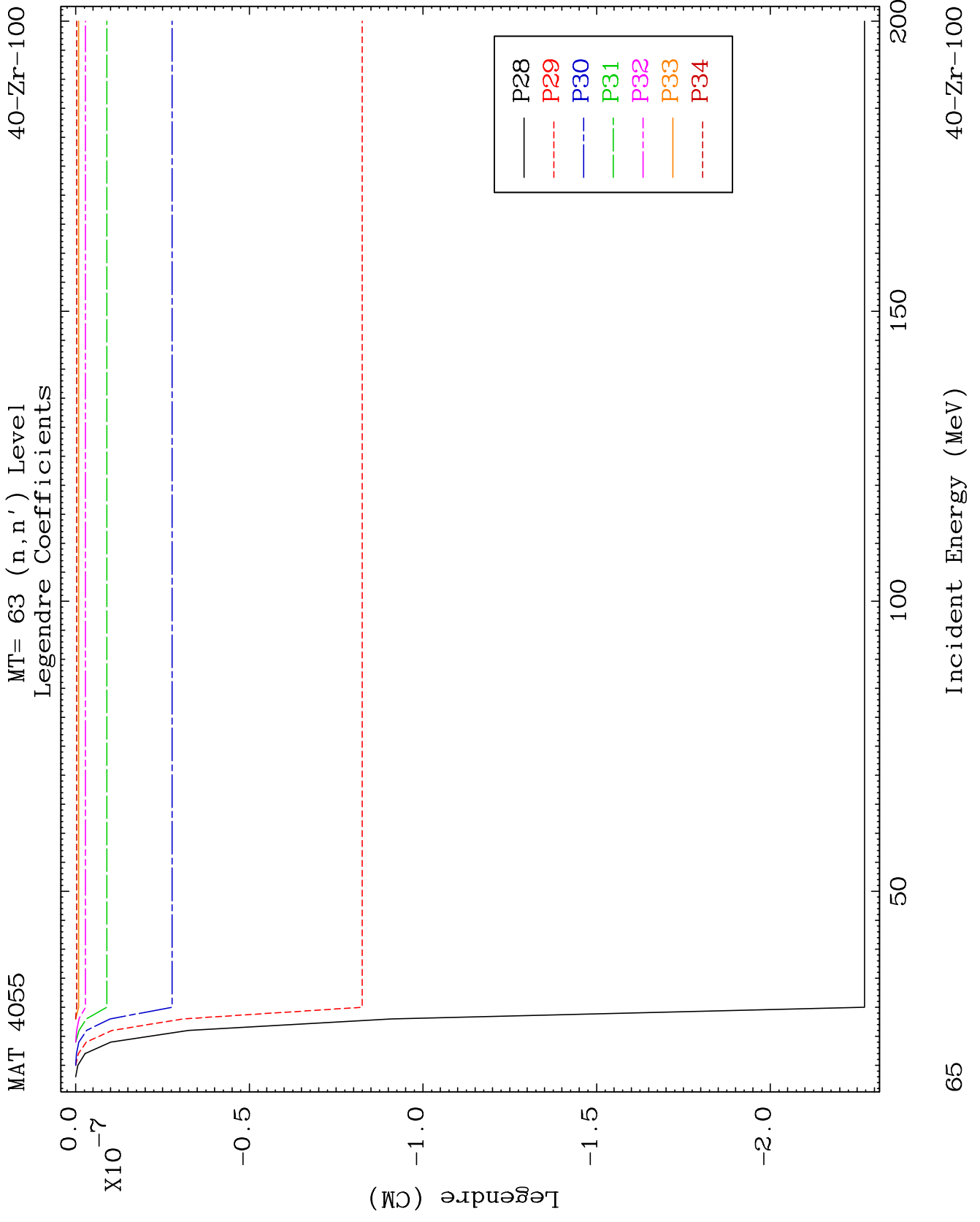


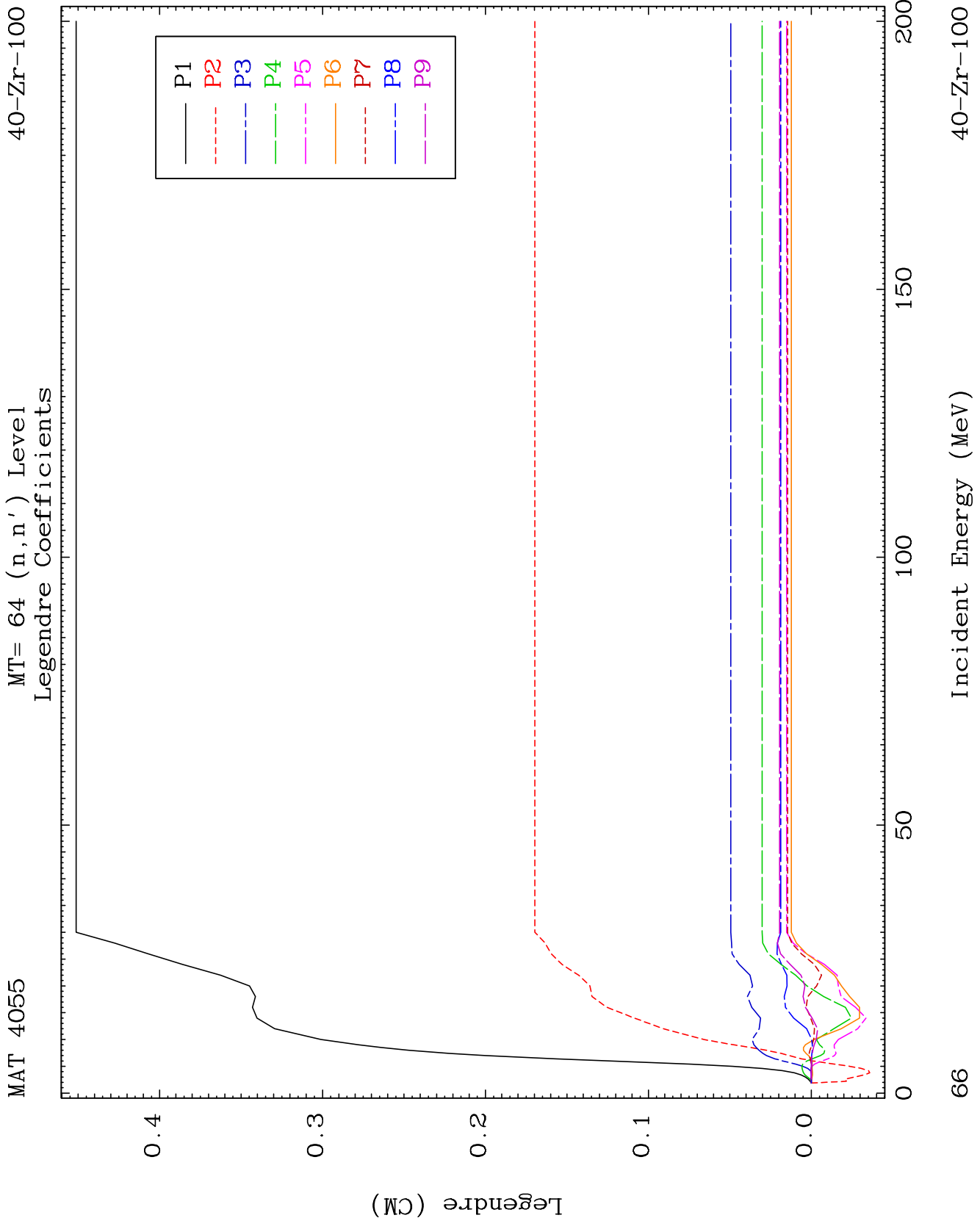


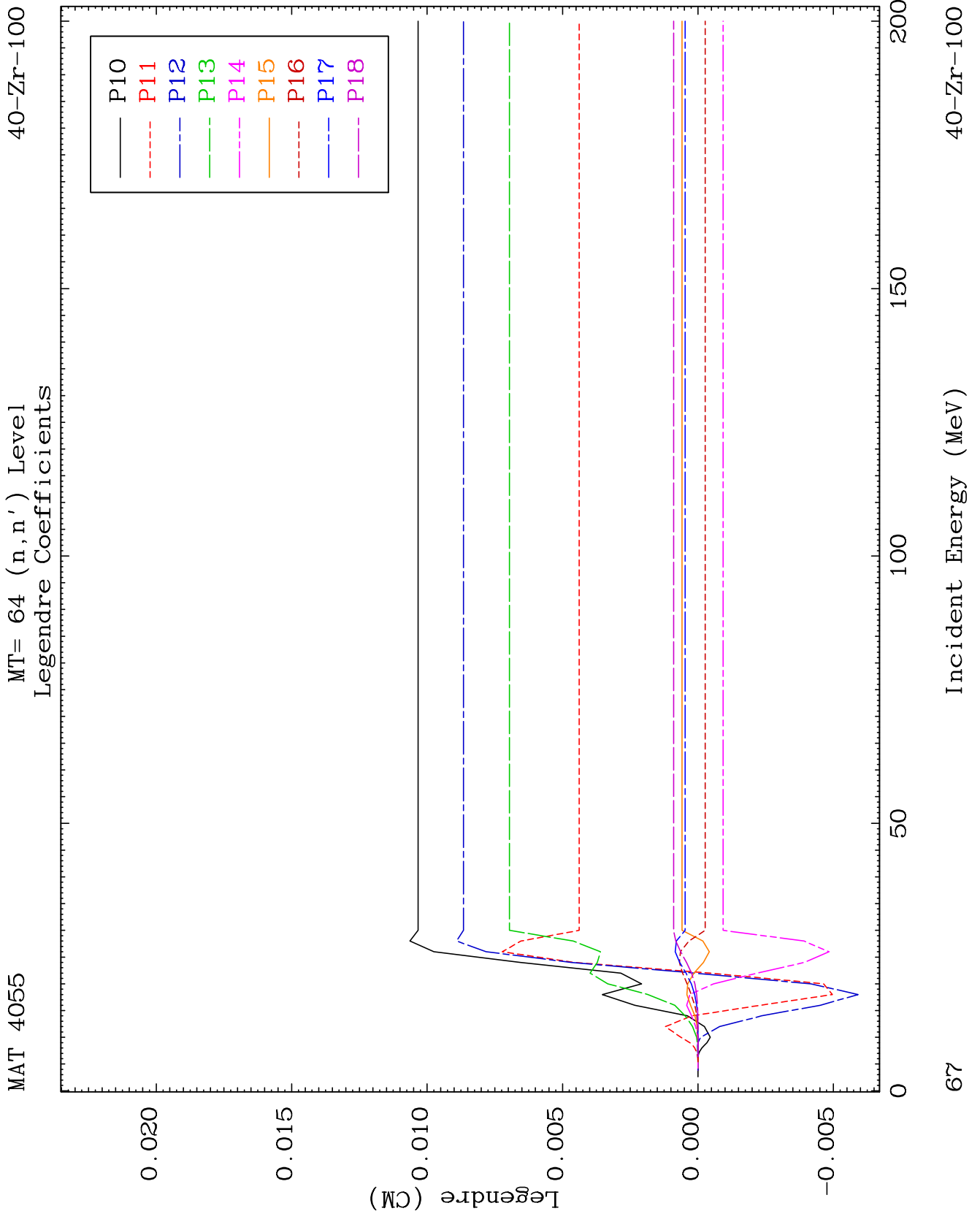


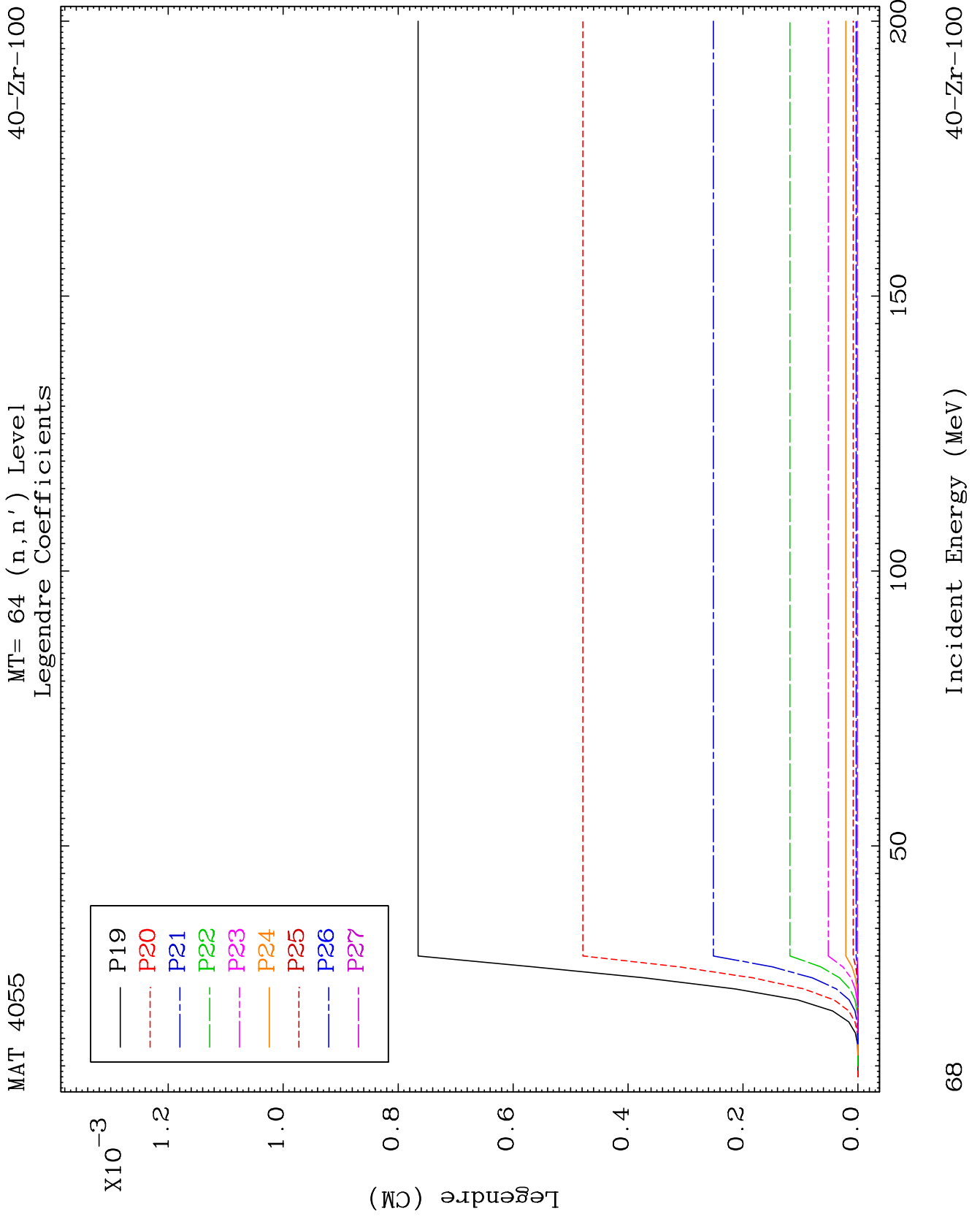


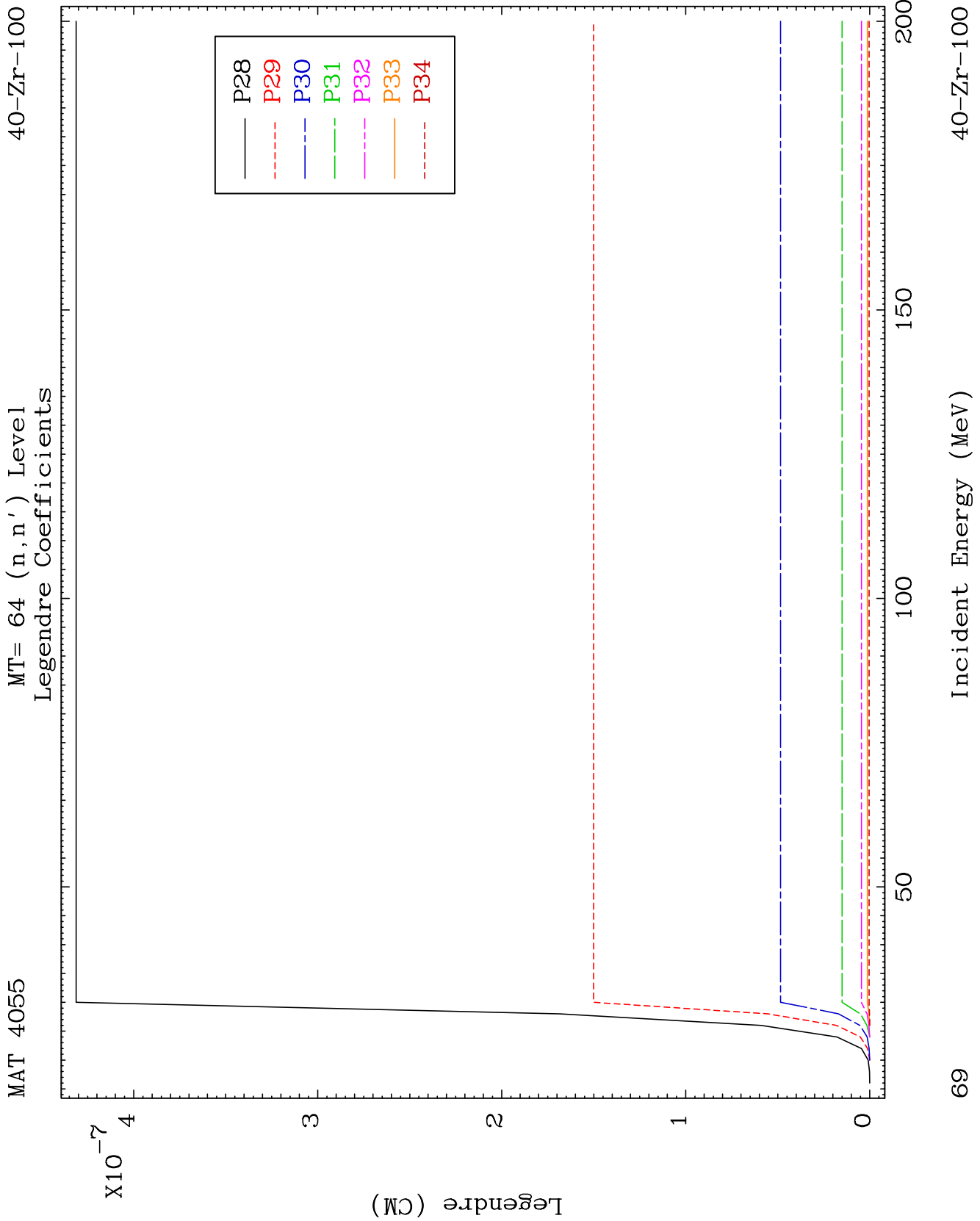


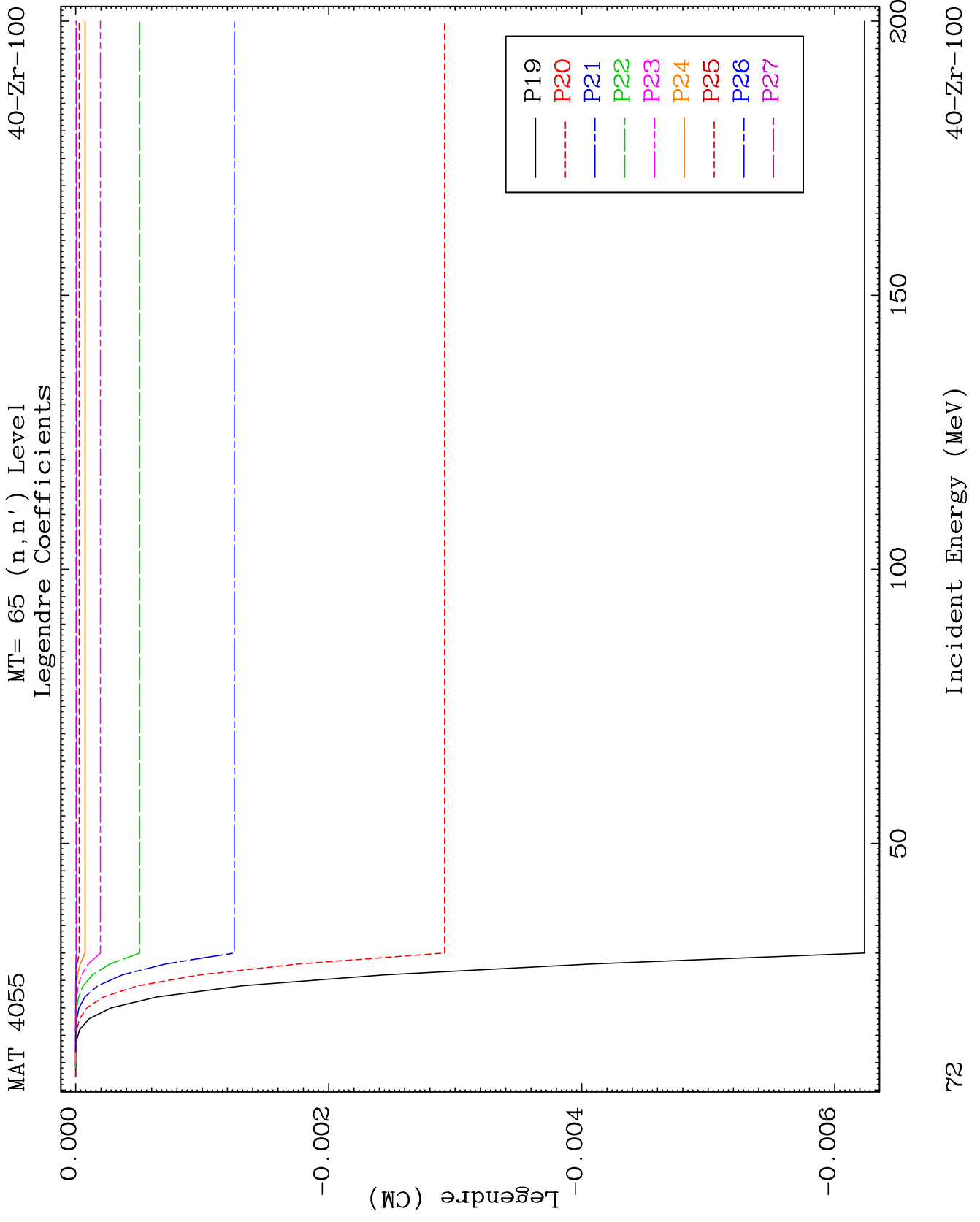


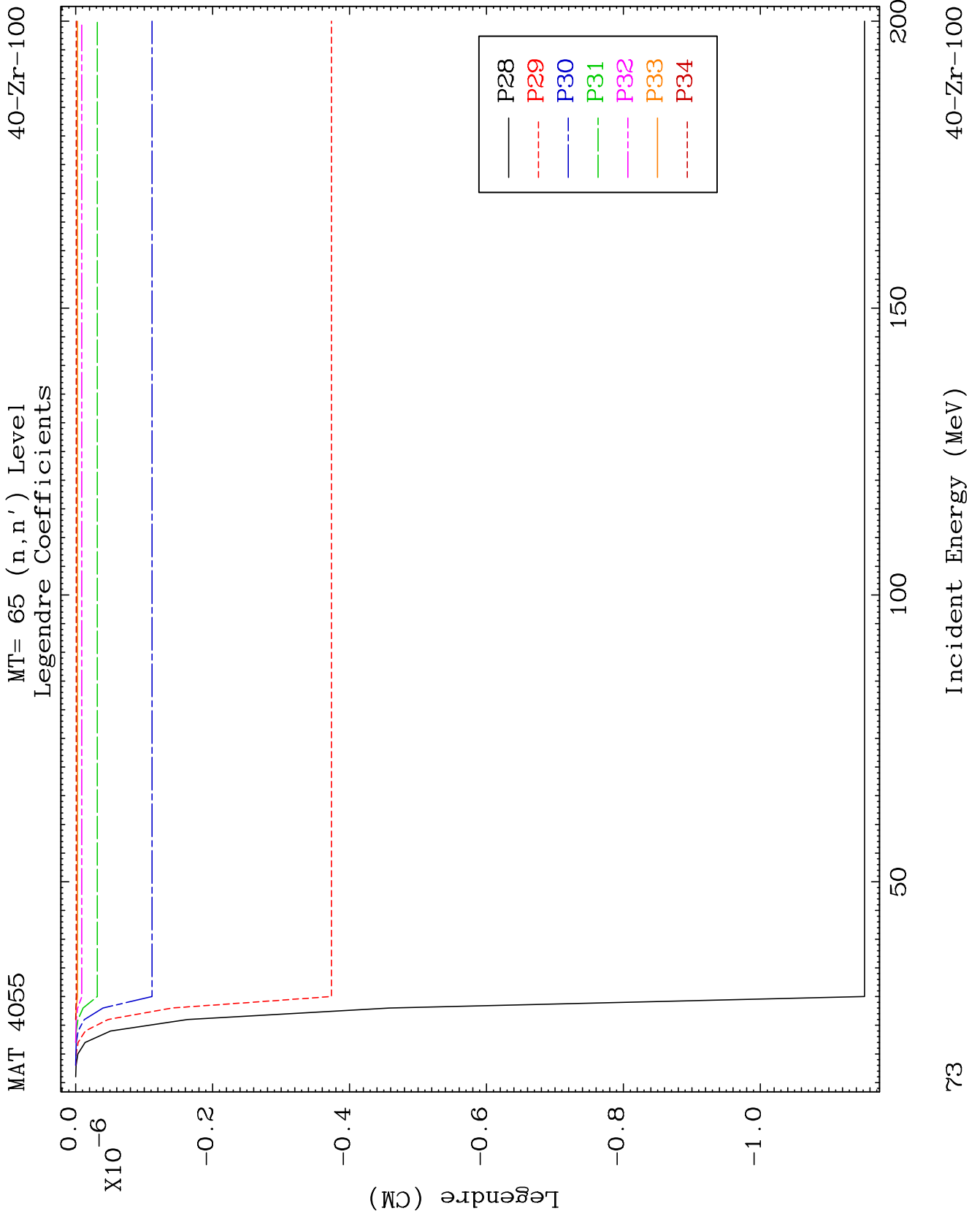


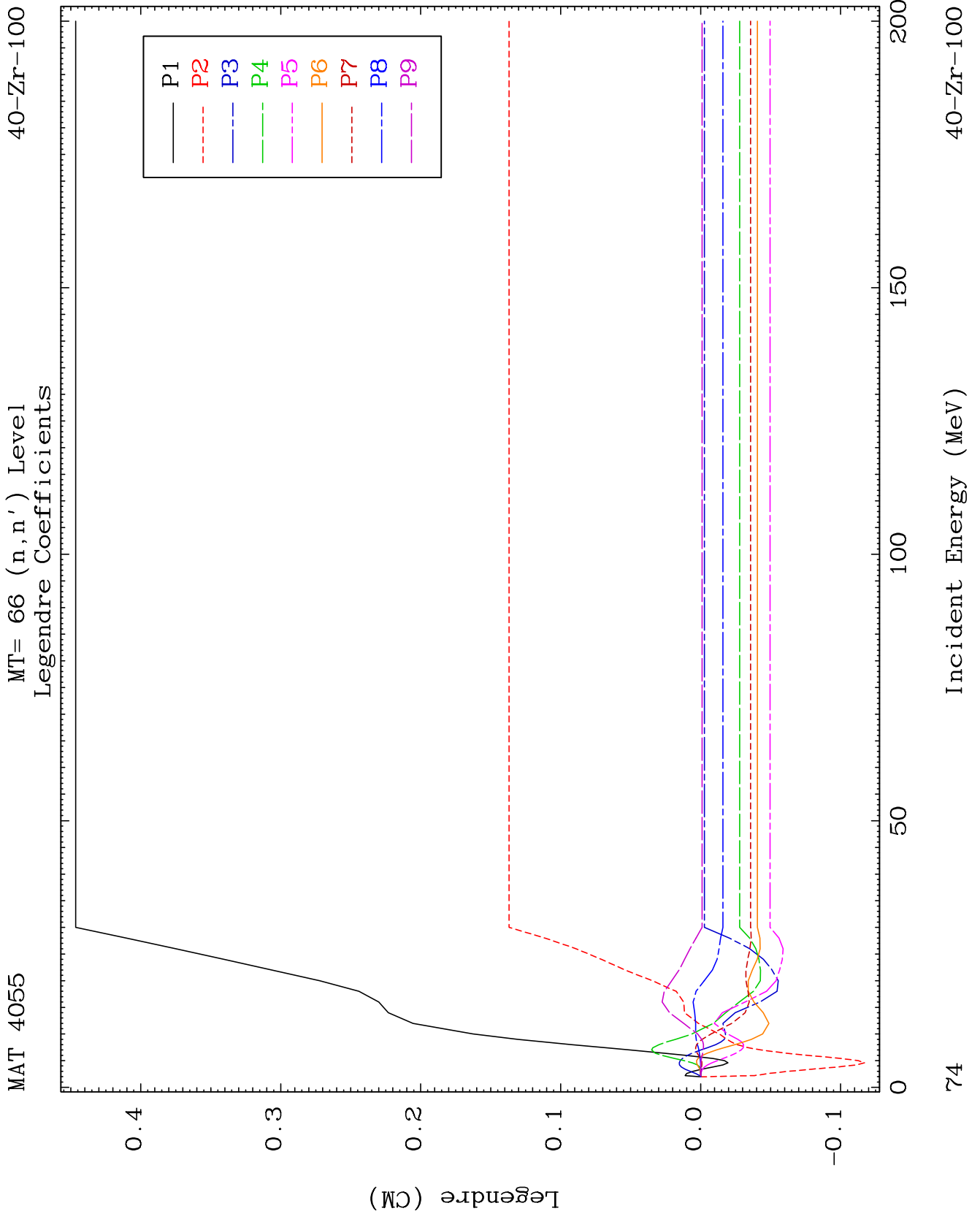


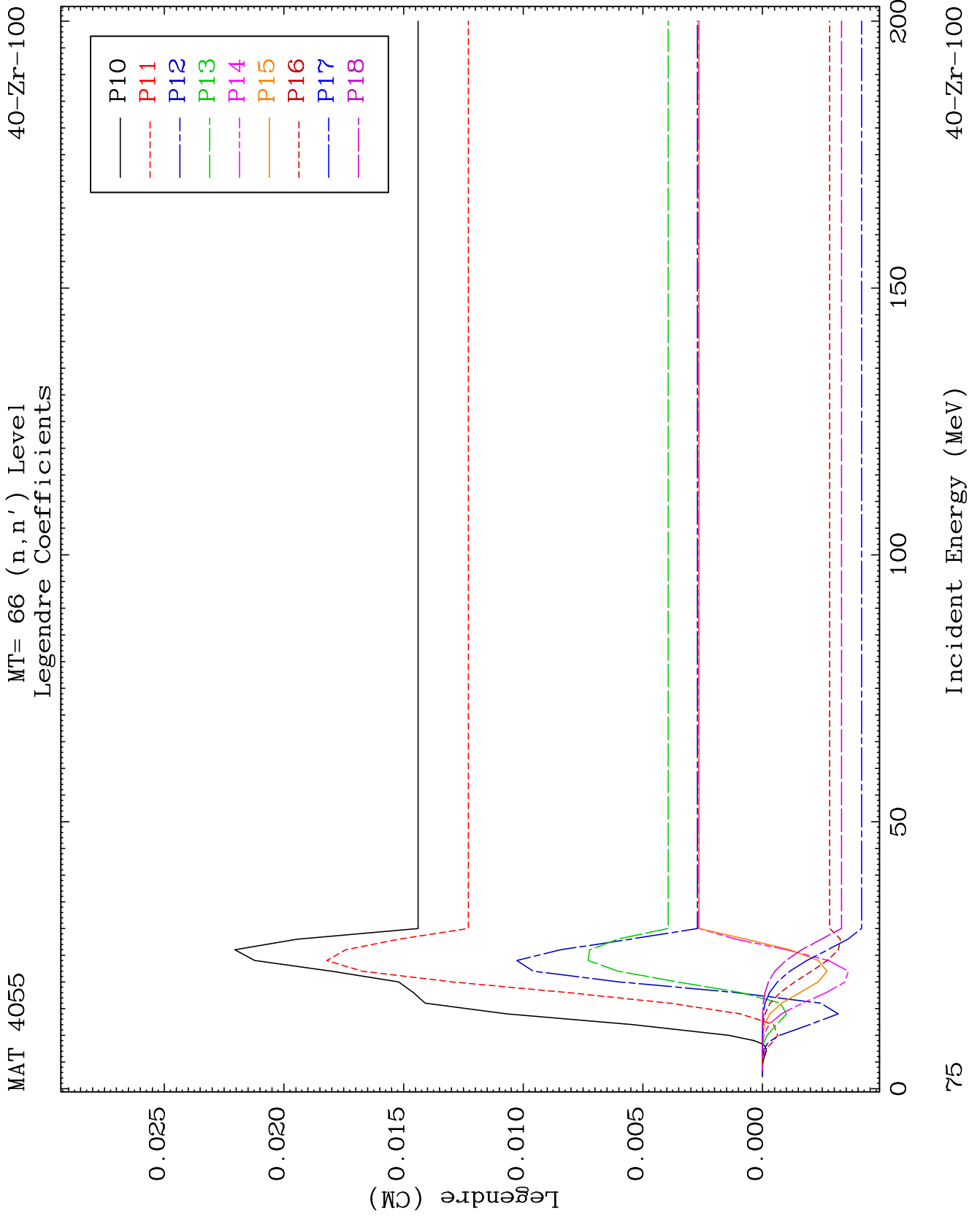


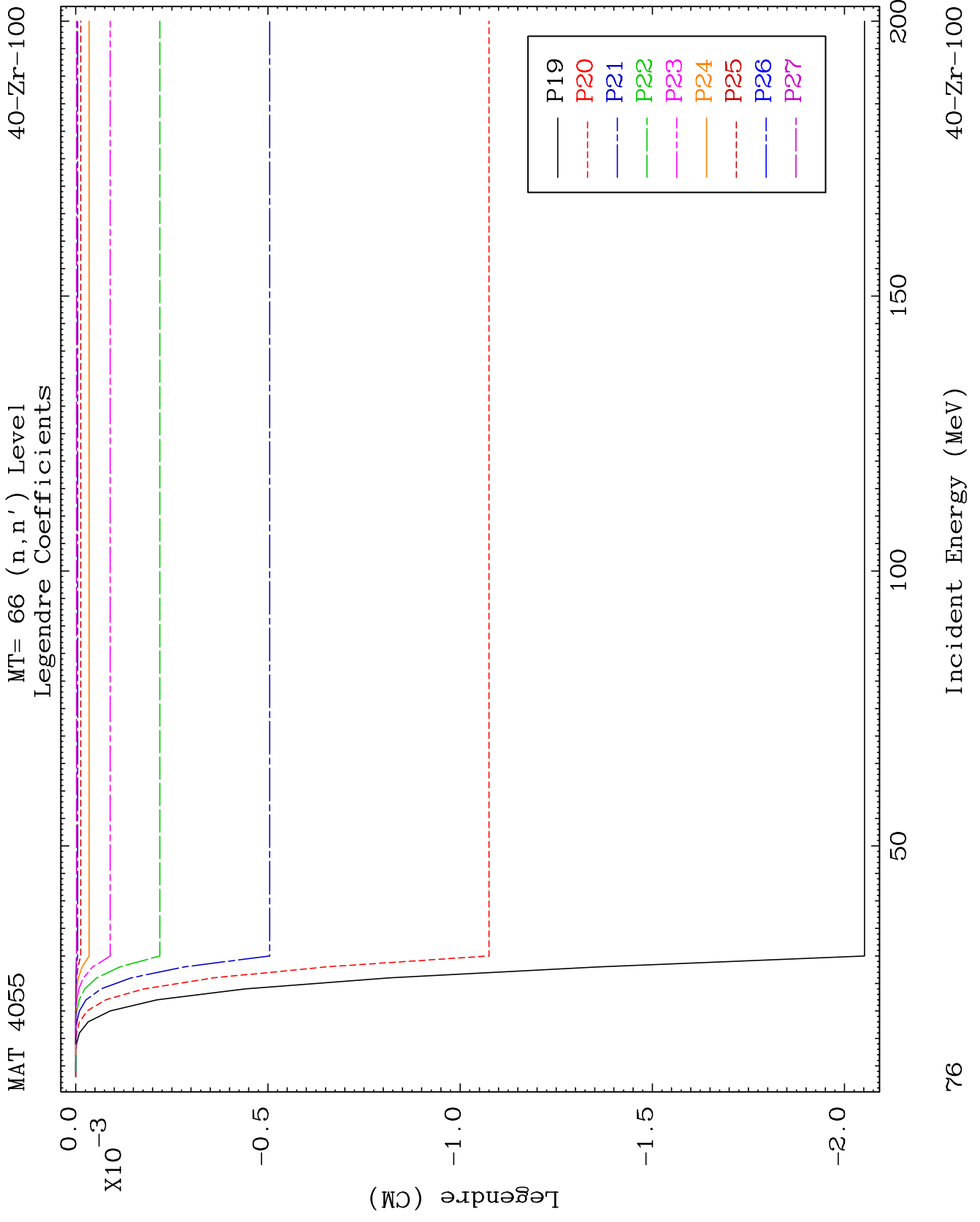


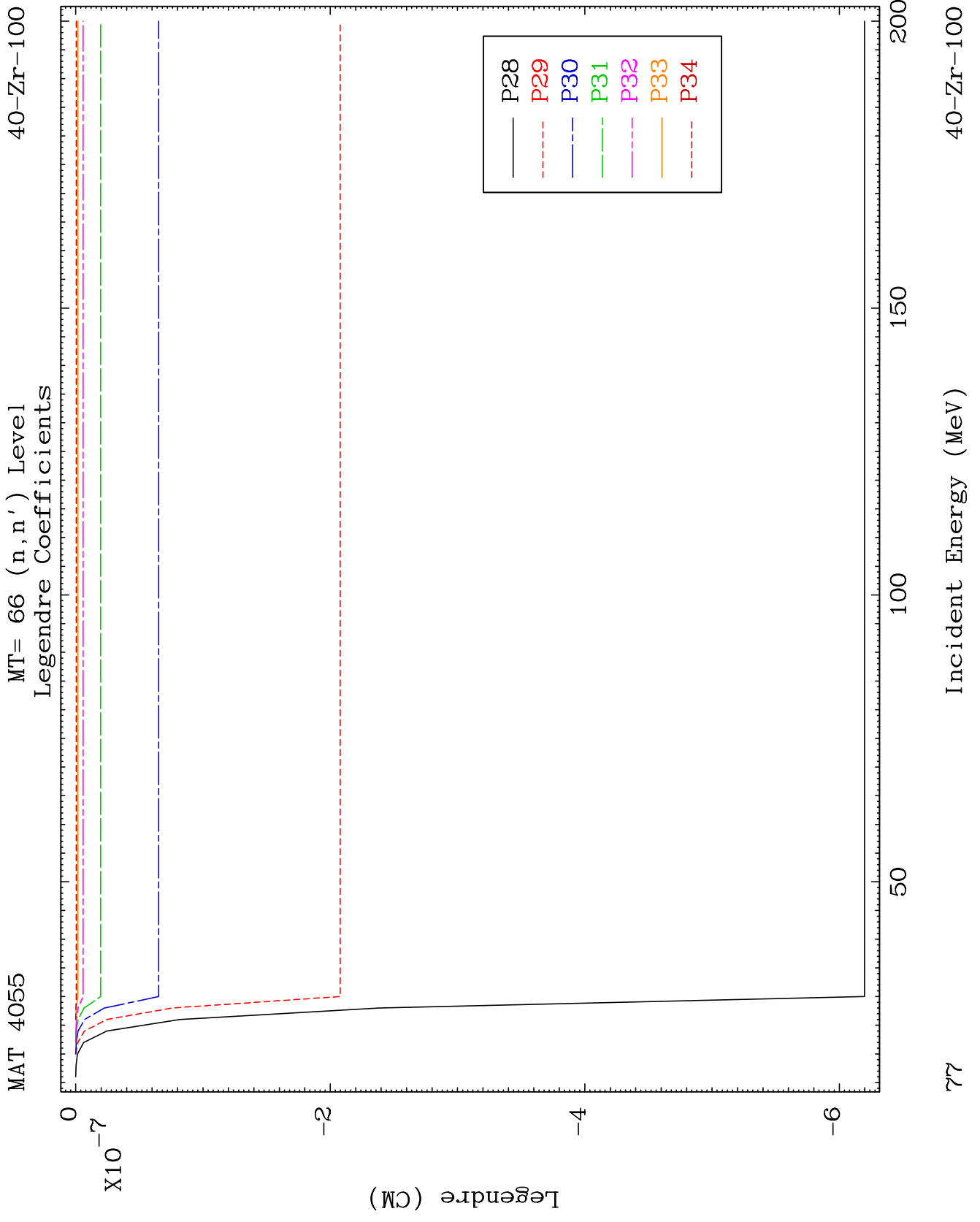










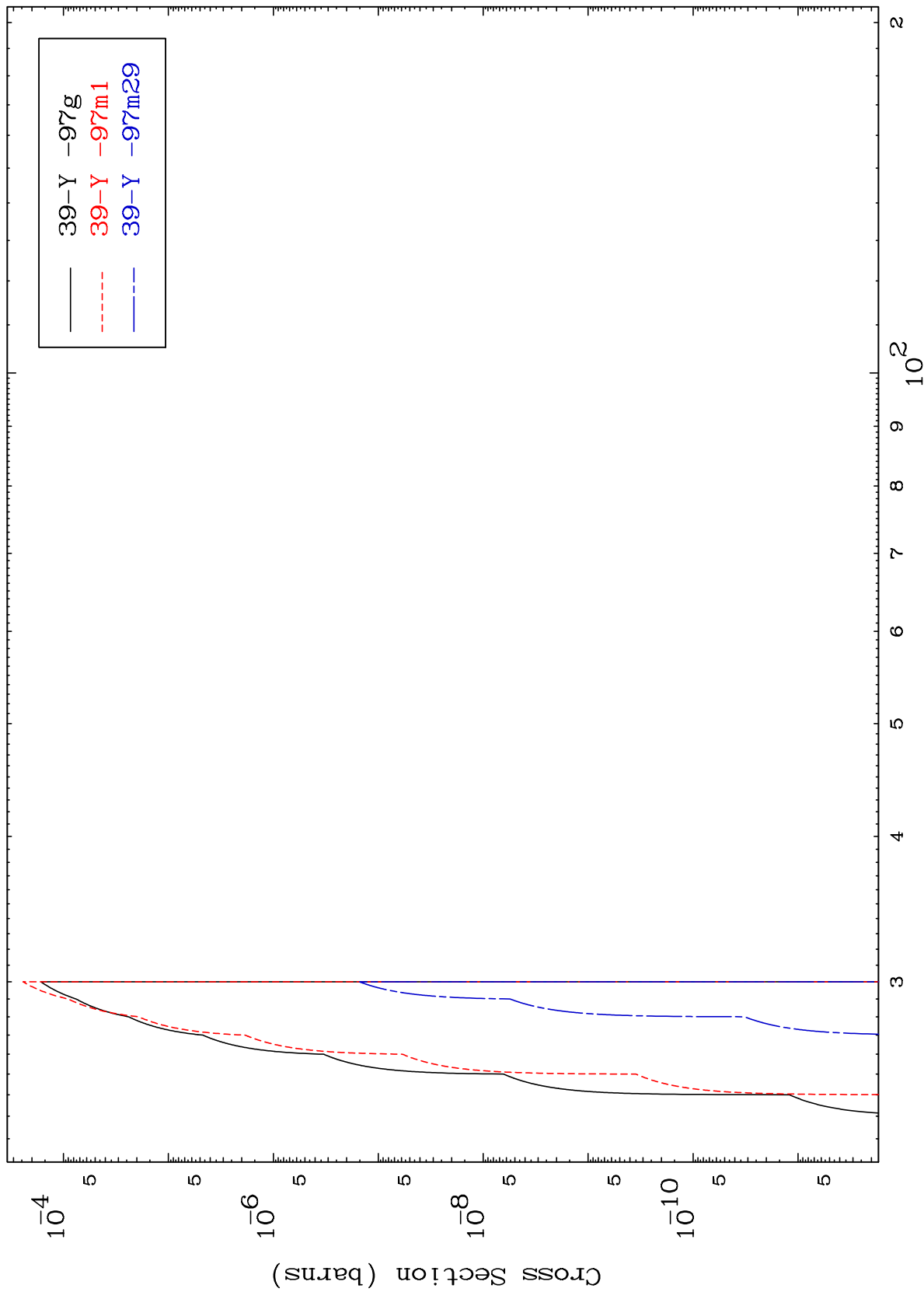


MAT 4055

(n,2n) d

40-Zr-100

Radionuclide Production Cross Section



39-Y -97g
39-Y -97m1
39-Y -97m29

78

Incident Energy (MeV)

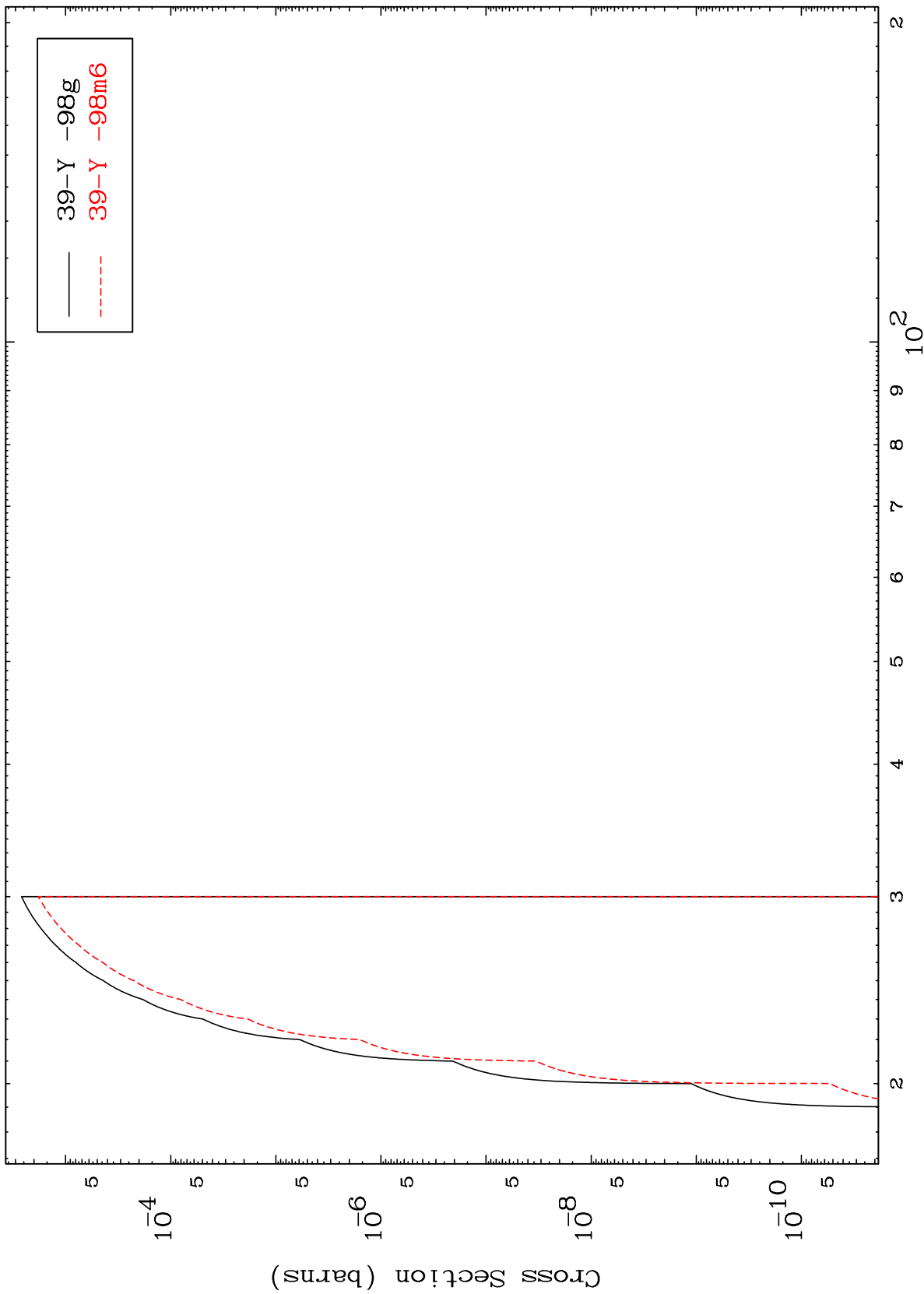
40-Zr-100

MAT 4055

(n,n') d

40-Zr-100

Radionuclide Production Cross Section



79

Incident Energy (MeV)

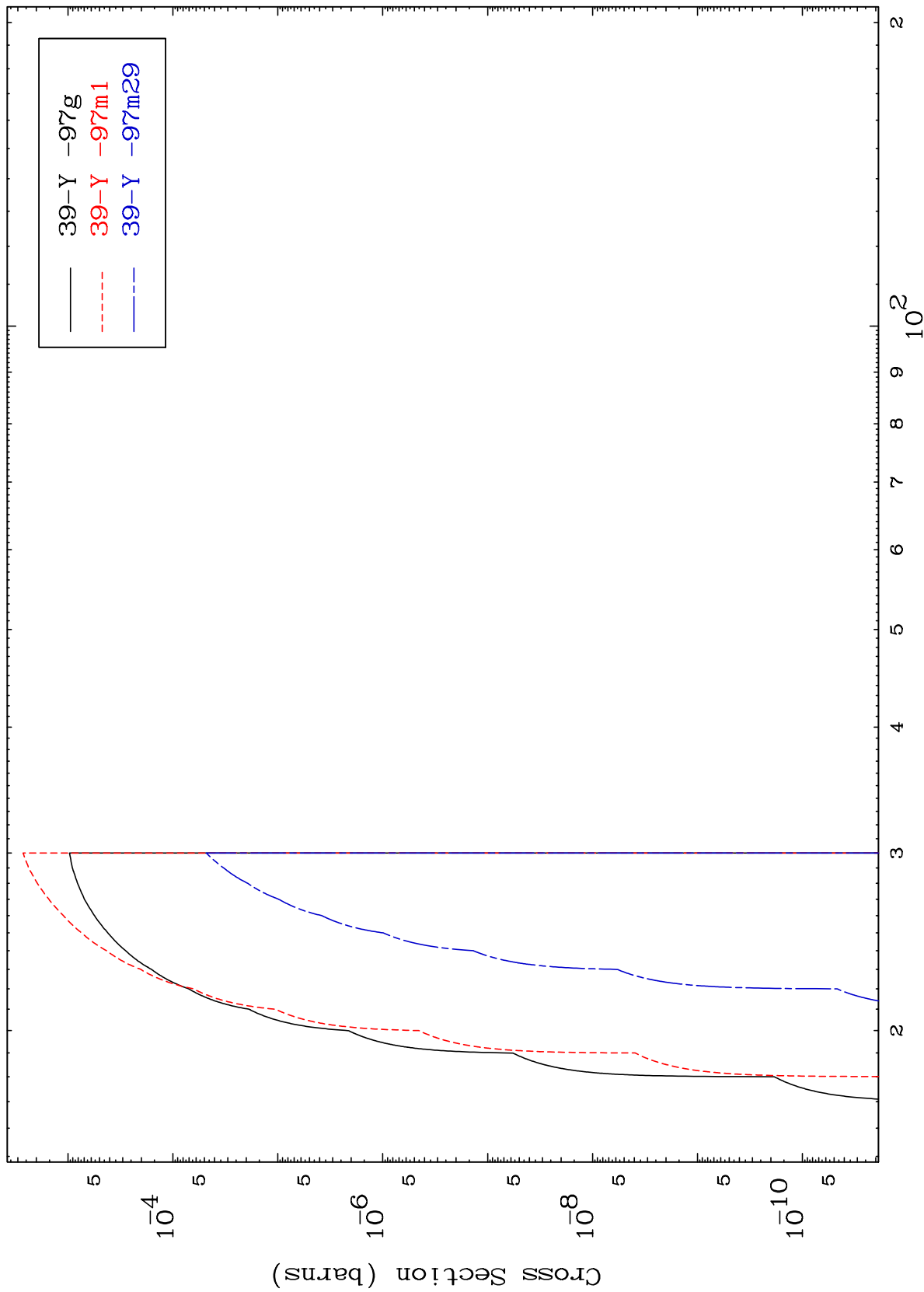
40-Zr-100

MAT 4055

(n,n') t

40-Zr-100

Radionuclide Production Cross Section



80

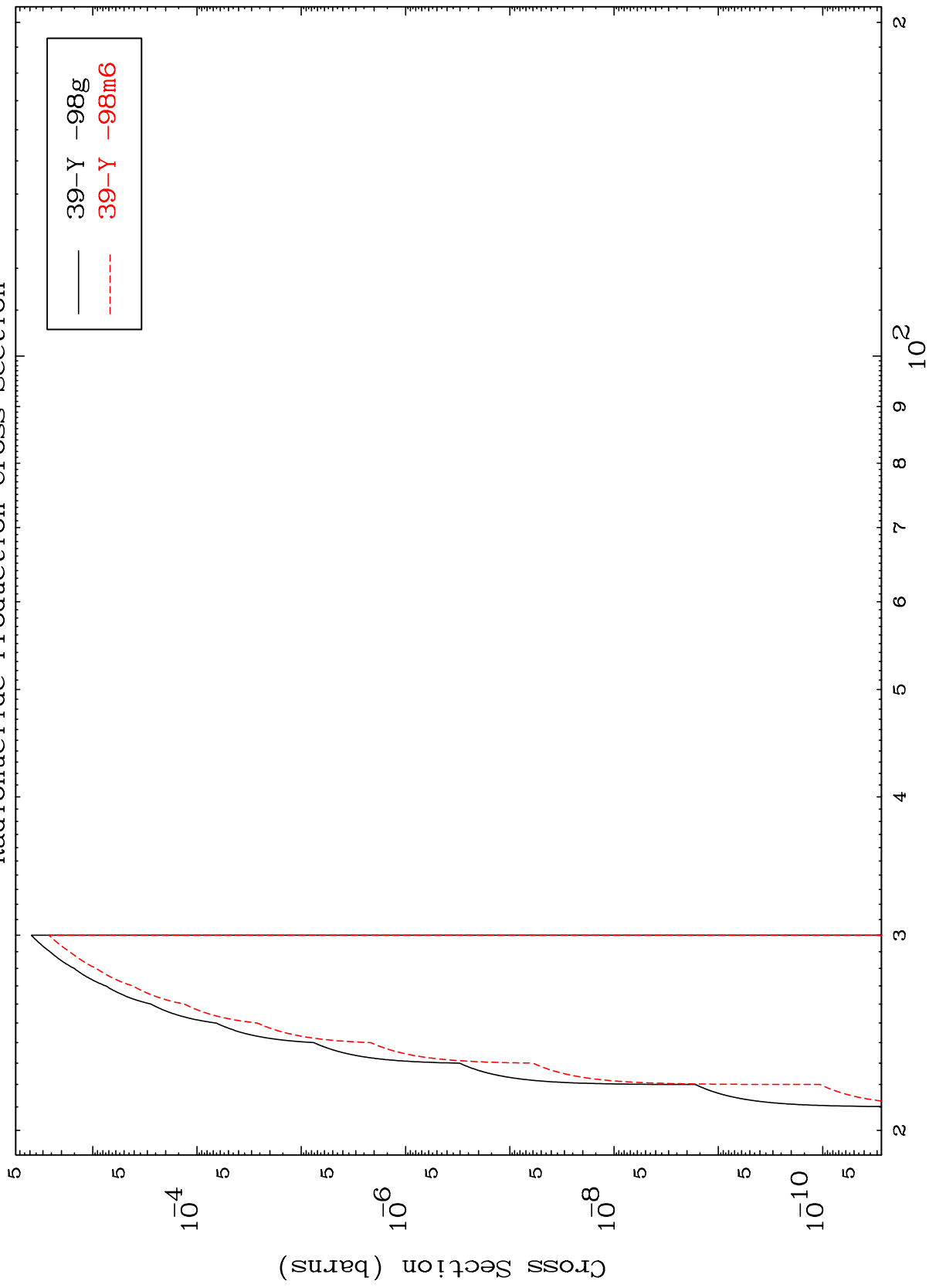
Incident Energy (MeV)

40-Zr-100

MAT 4055

40-Zr-100

(n,2n) p
Radionuclide Production Cross Section



81

Incident Energy (MeV)

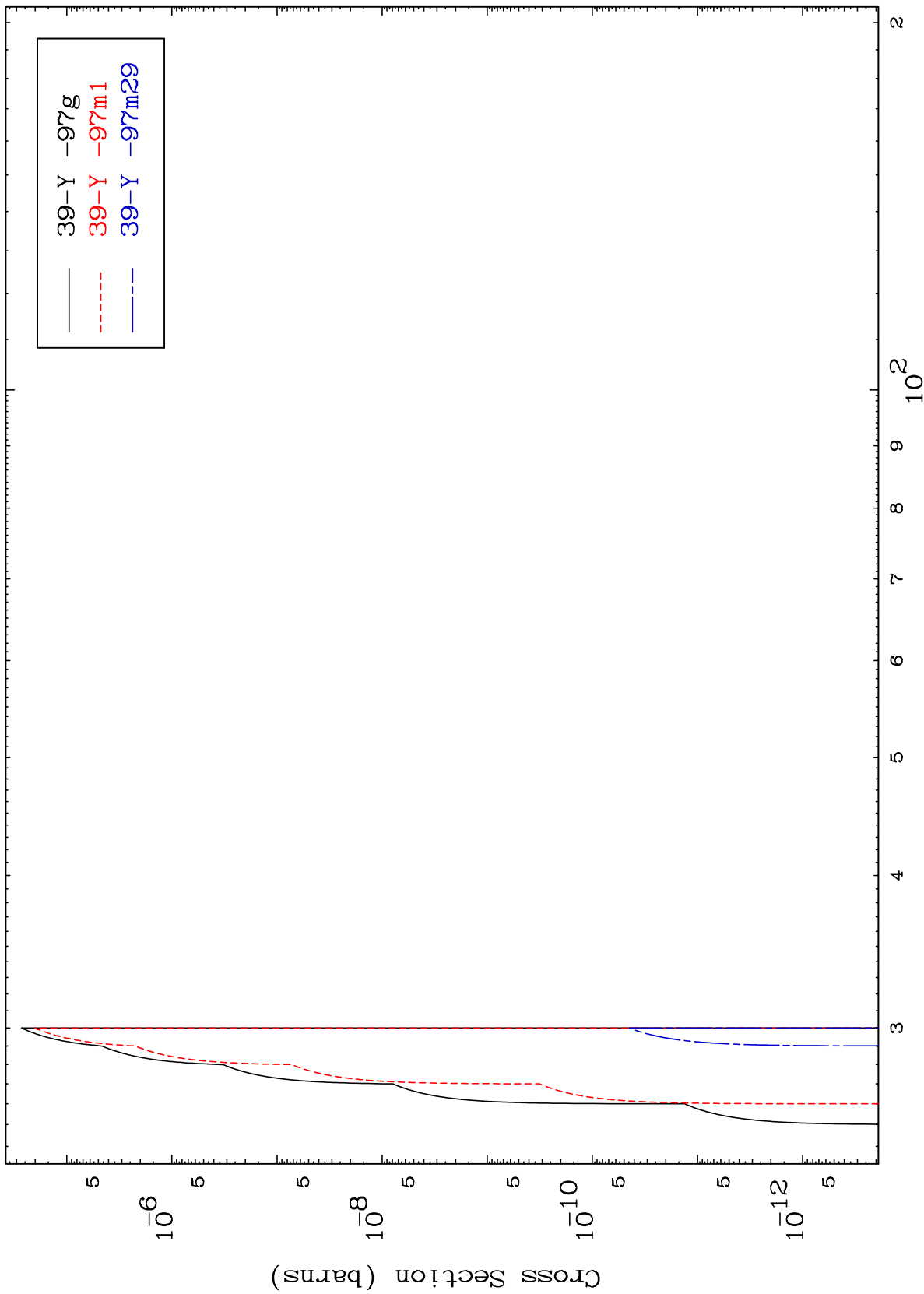
40-Zr-100

MAT 4055

(n,3n) p

40-Zr-100

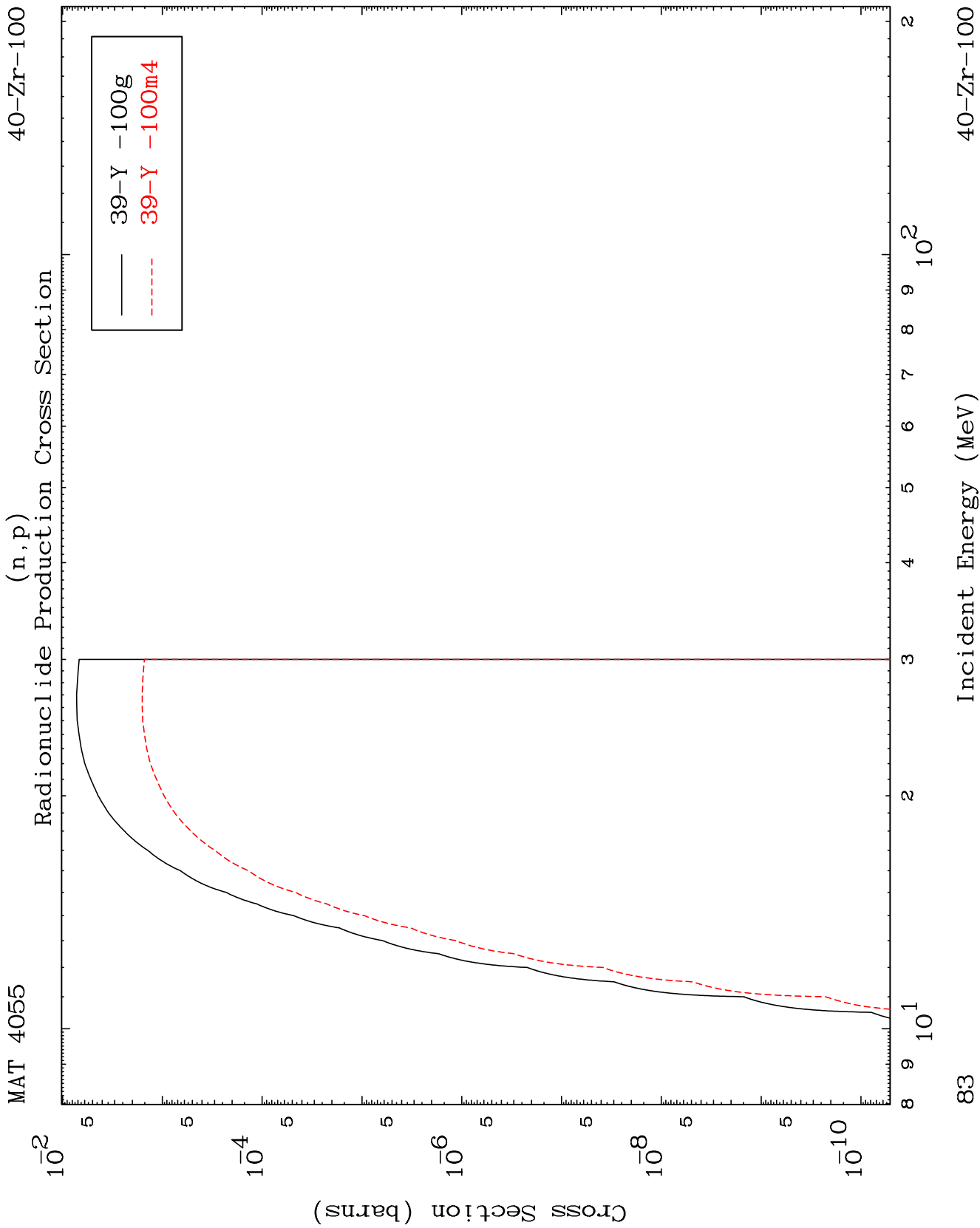
Radionuclide Production Cross Section



82

Incident Energy (MeV)

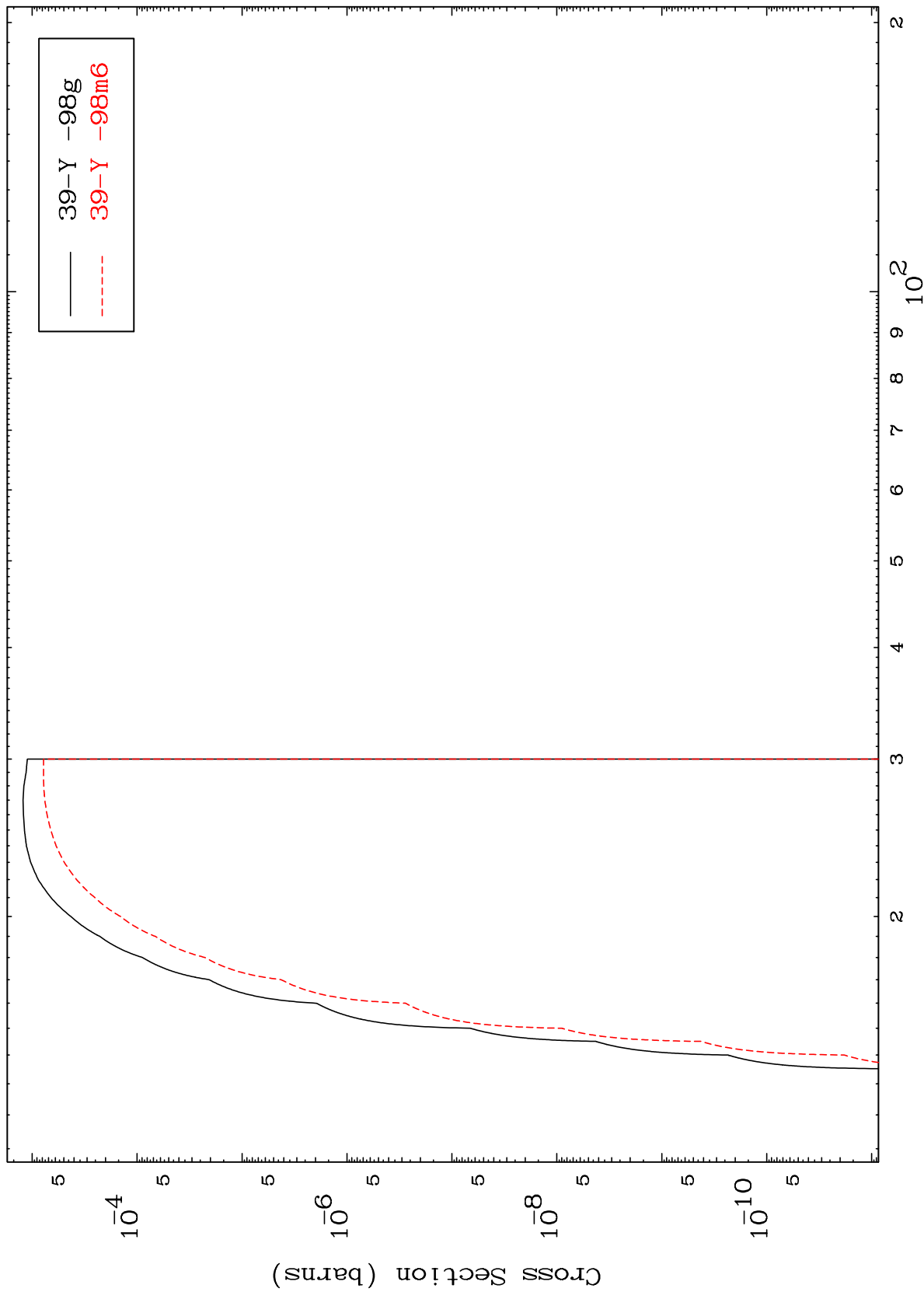
40-Zr-100



MAT 4055

40-Zr-100

(n,t)
Radionuclide Production Cross Section



84

Incident Energy (MeV)

40-Zr-100