

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

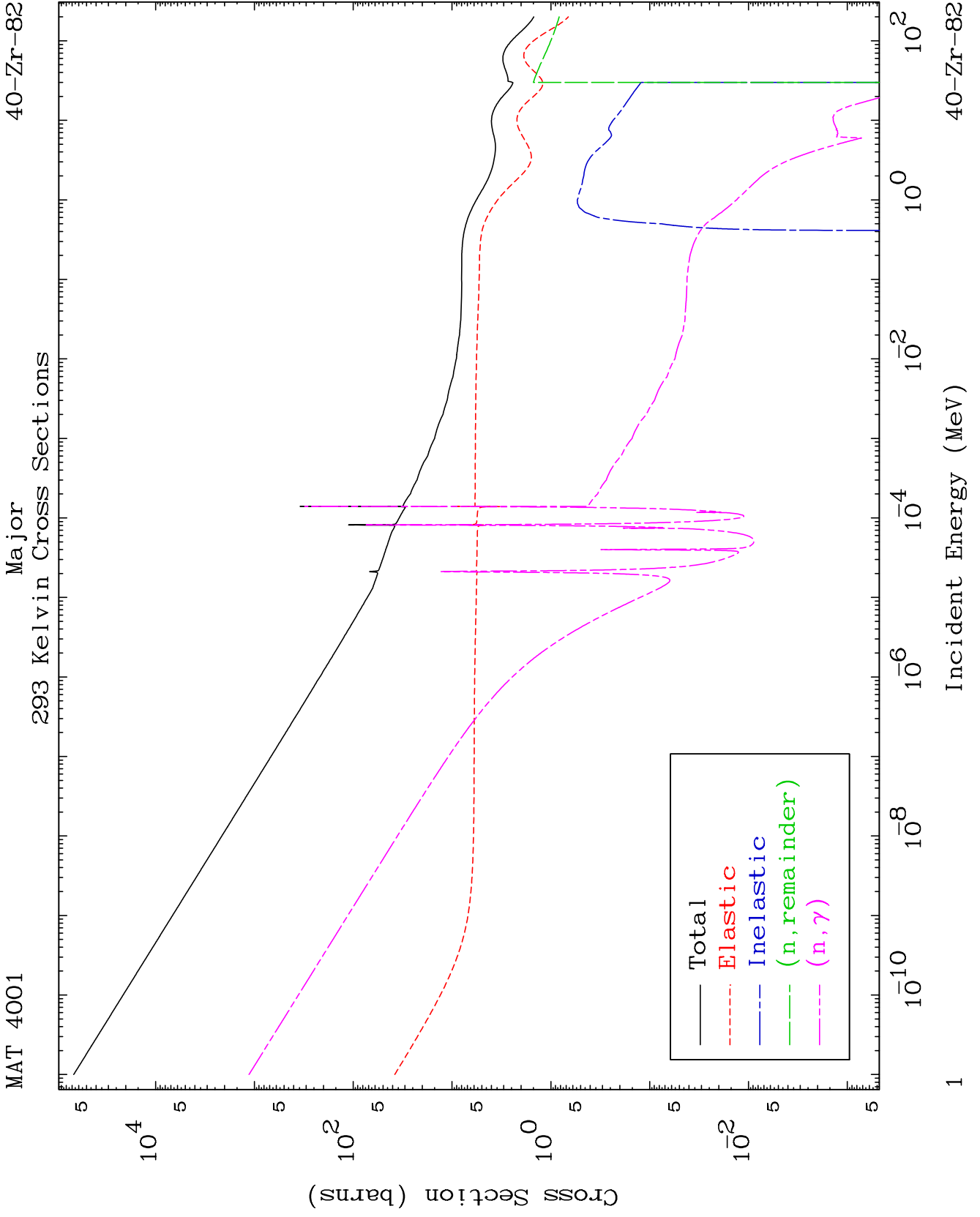
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

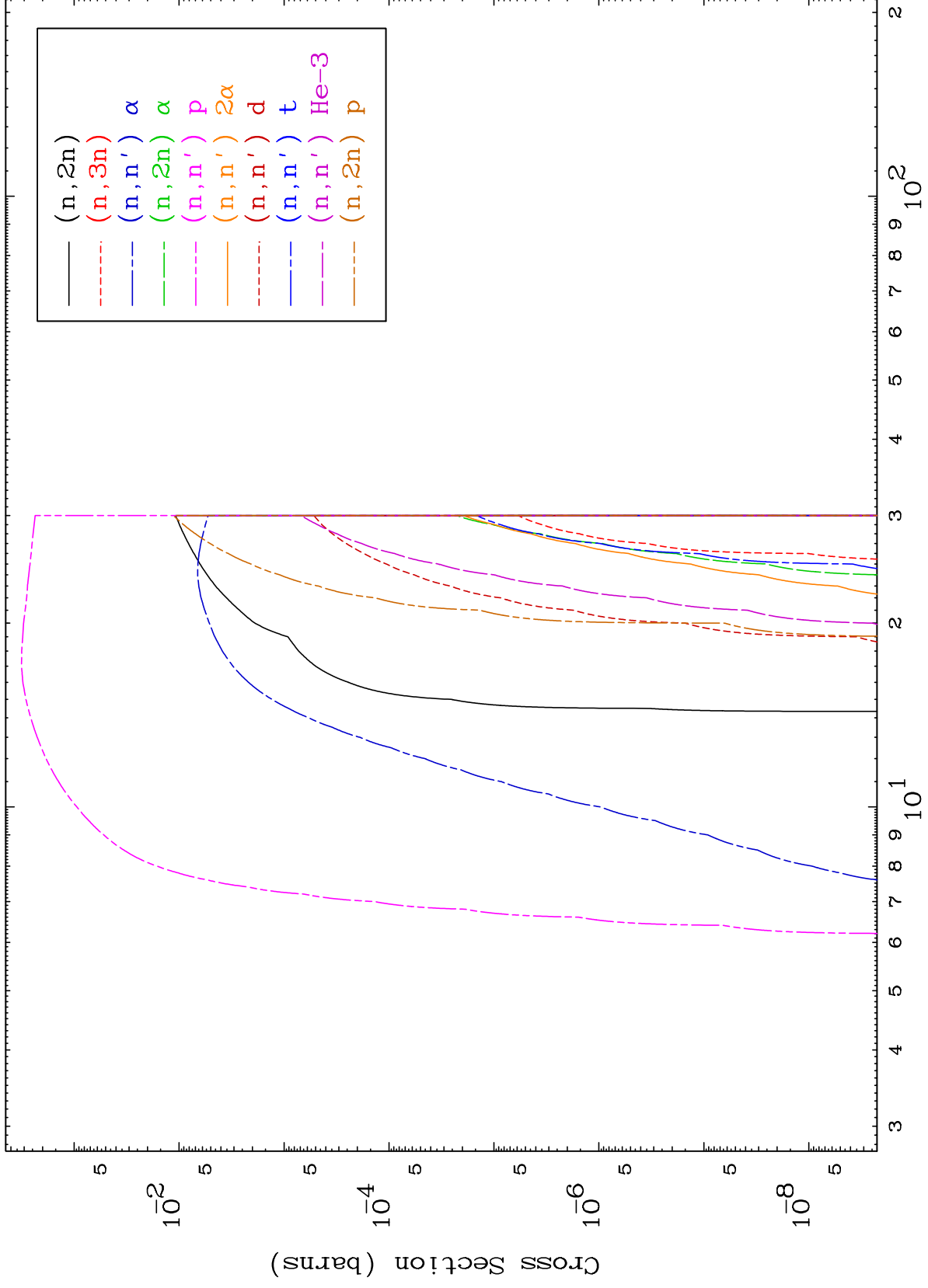
Press Mouse Button to Start



MAT 4001

Neutron Production  
293 Kelvin Cross Sections

40-Zr-82



2

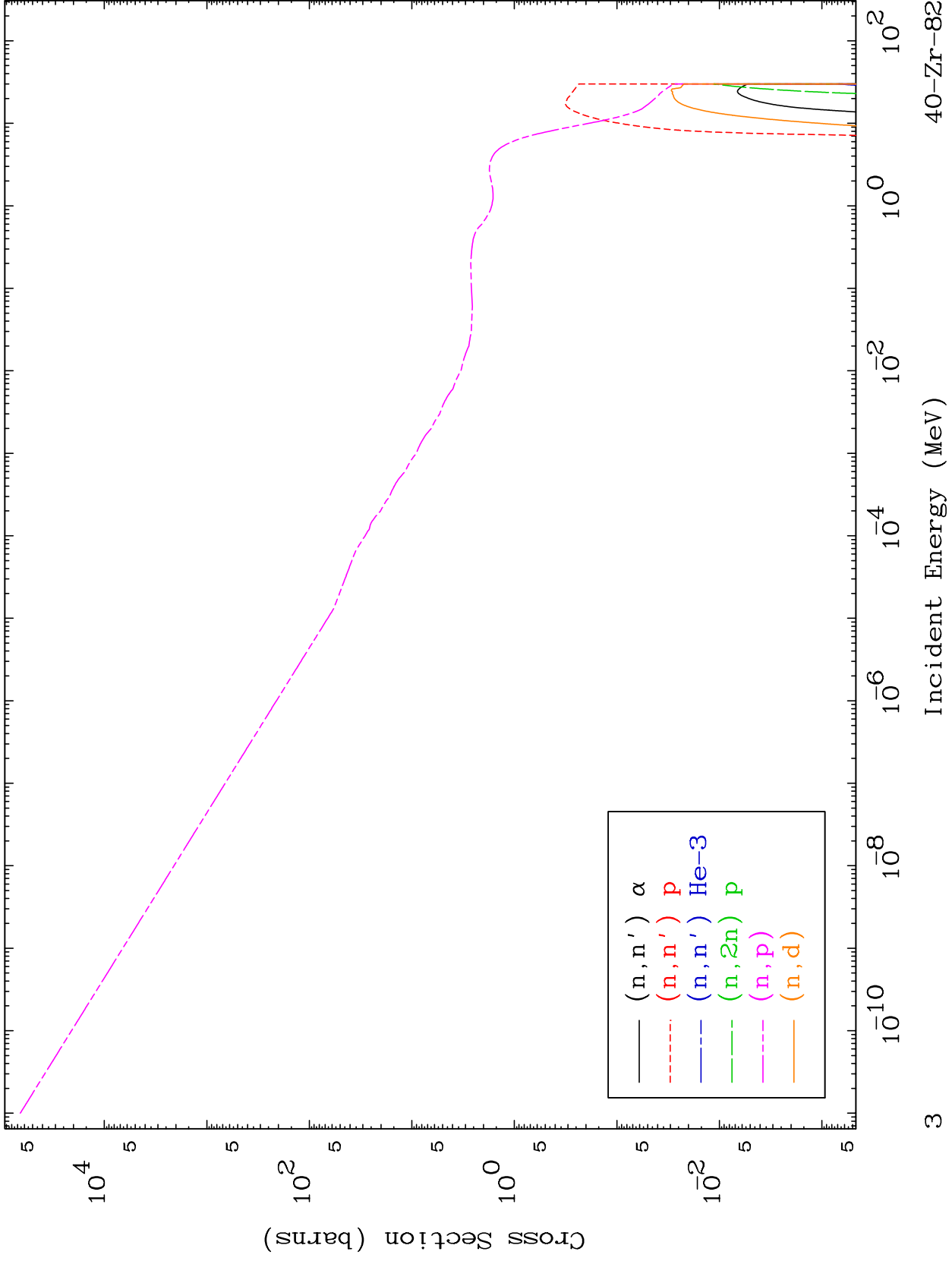
Incident Energy (MeV)

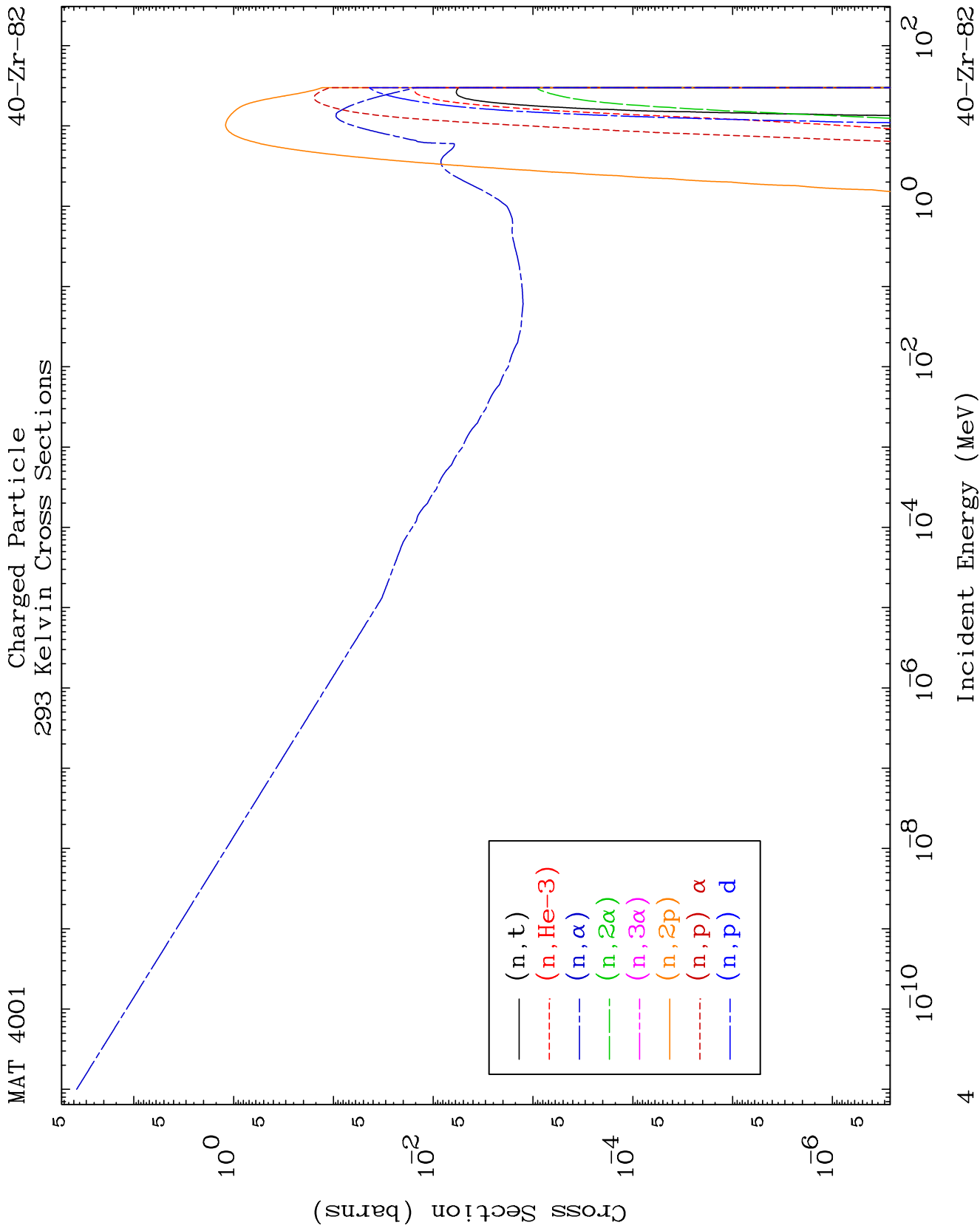
40-Zr-82

MAT 4001

Charged Particle  
293 Kelvin Cross Sections

40-Zr-82

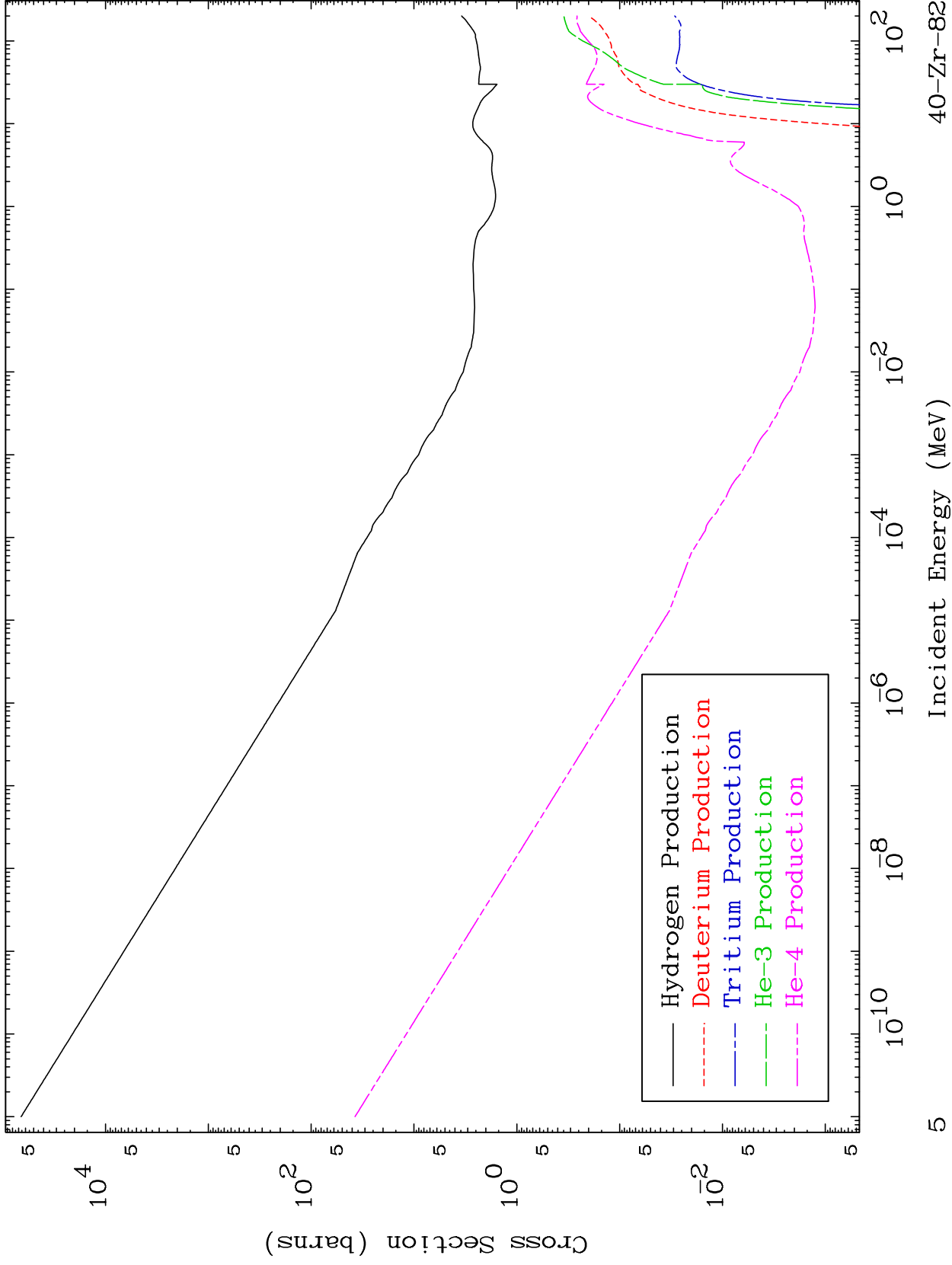




MAT 4001

Particle Production  
293 Kelvin Cross Sections

40-Zr-82

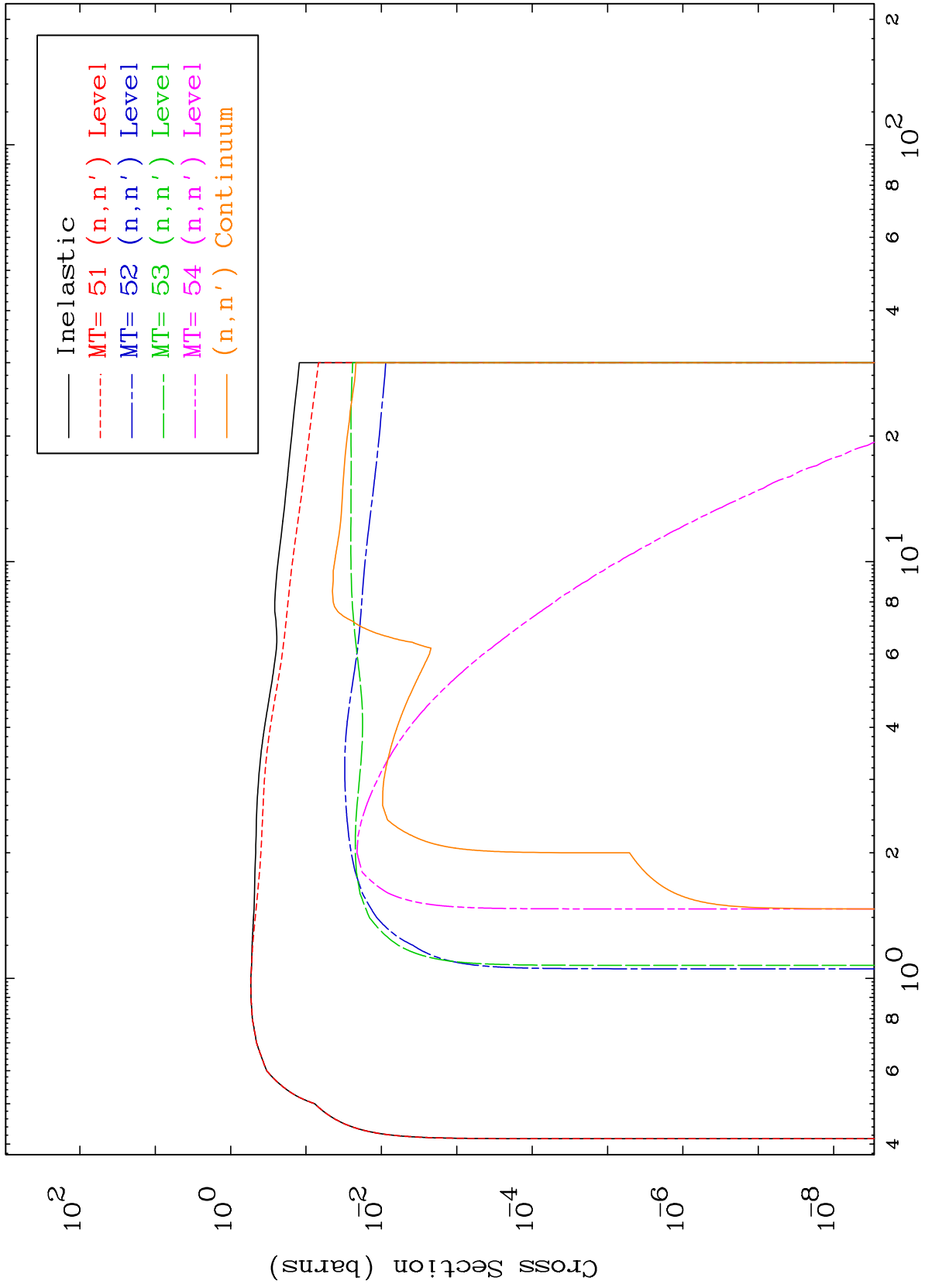


MAT 4001

(n,n') Level

40-Zr-82

293 Kelvin Cross Sections



6

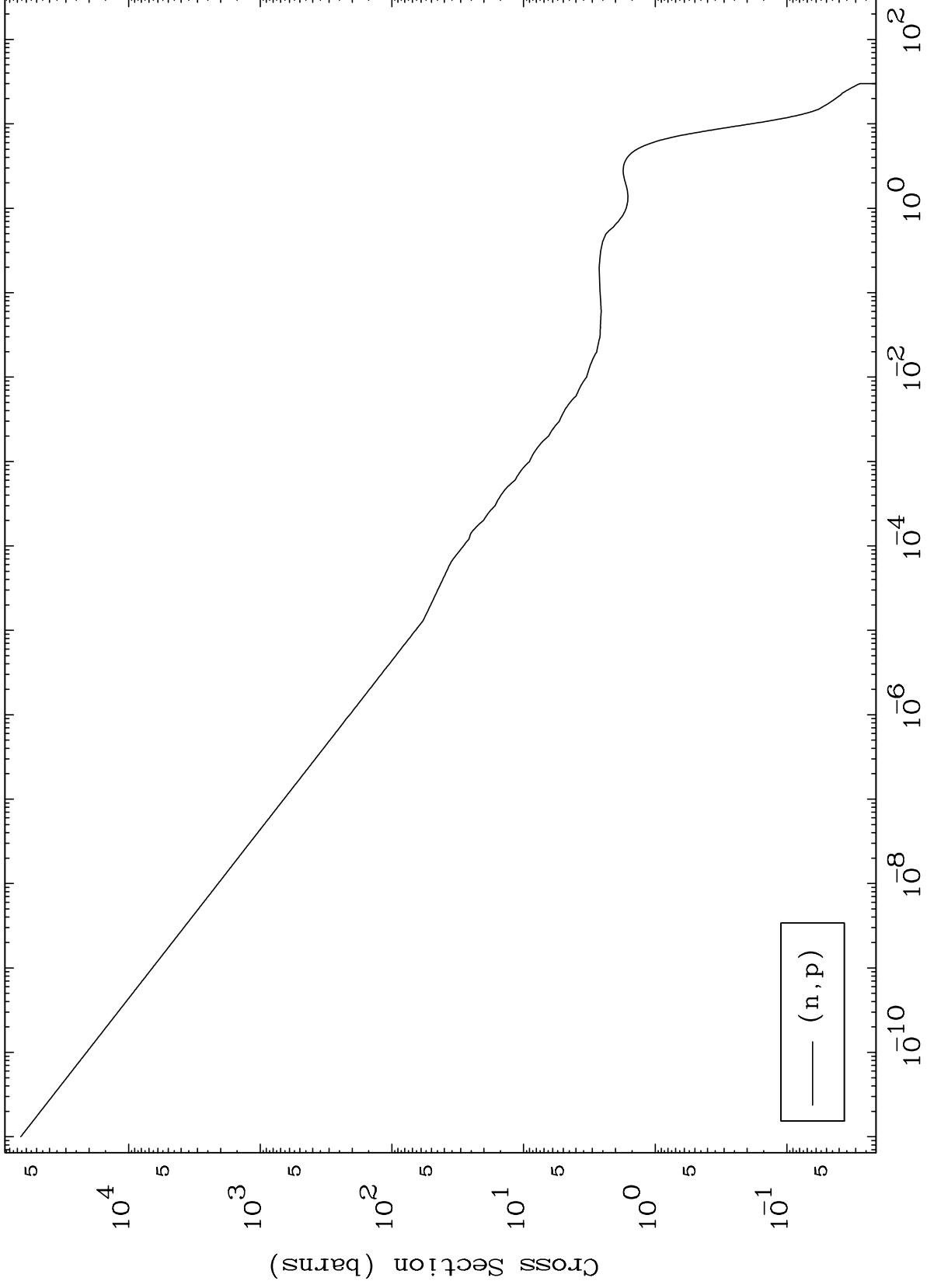
Incident Energy (MeV)

40-Zr-82

MAT 4001

(n,p) Levels  
293 Kelvin Cross Sections

40-Zr-82

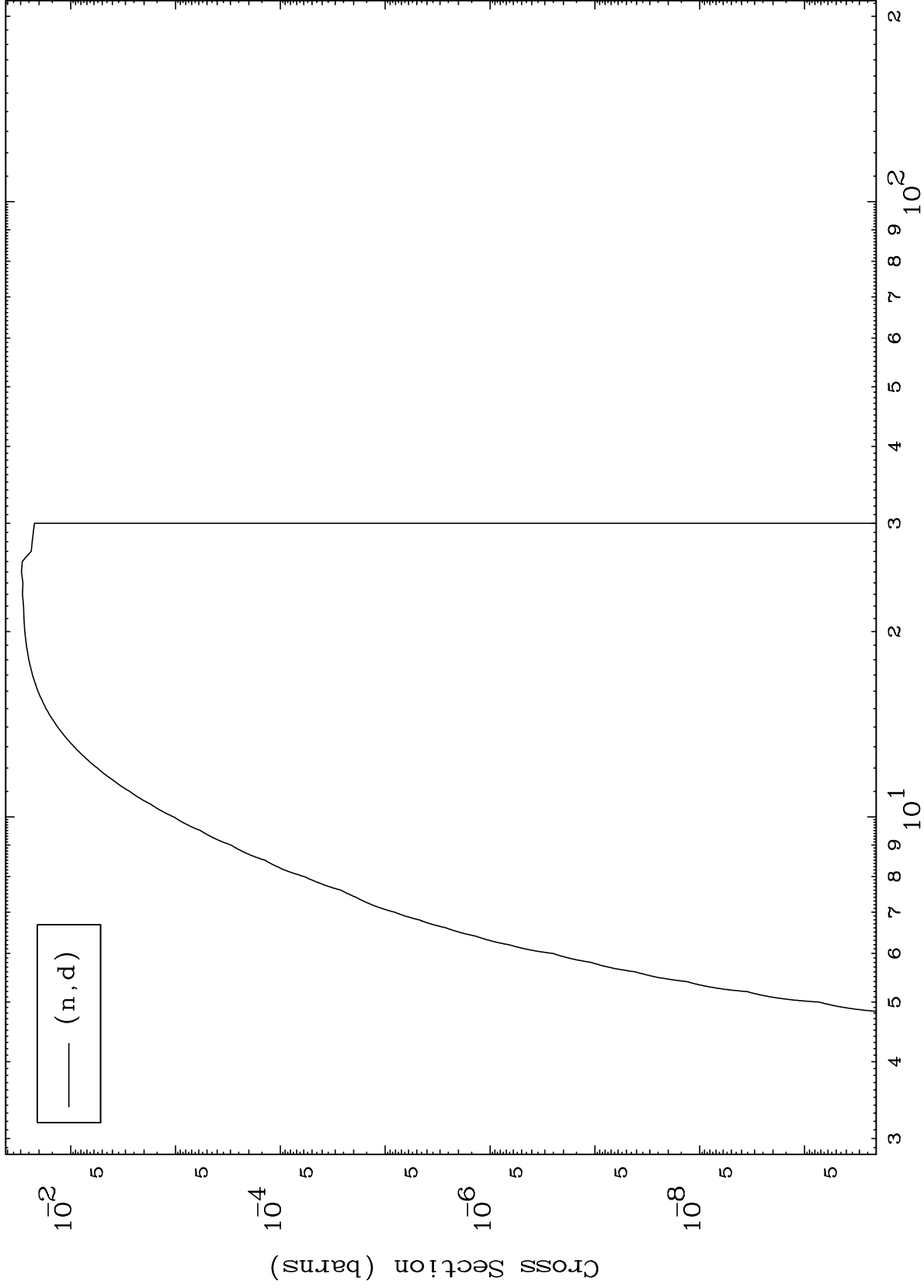




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(n,d) Levels  
293 Kelvin Cross Sections

40-Zr-82



8

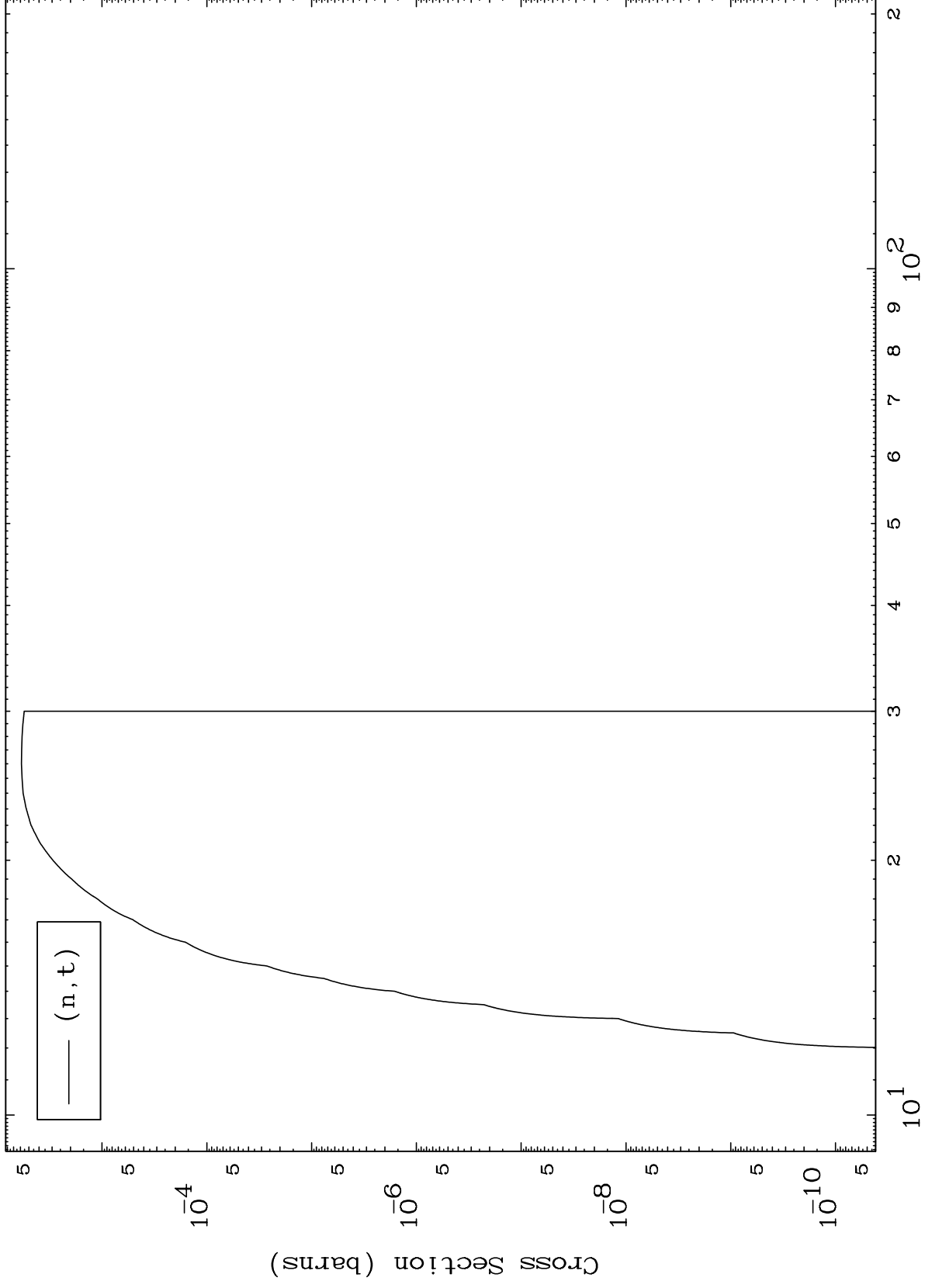
Incident Energy (MeV)

40-Zr-82

MAT 4001

(n,t) Levels  
293 Kelvin Cross Sections

40-Zr-82



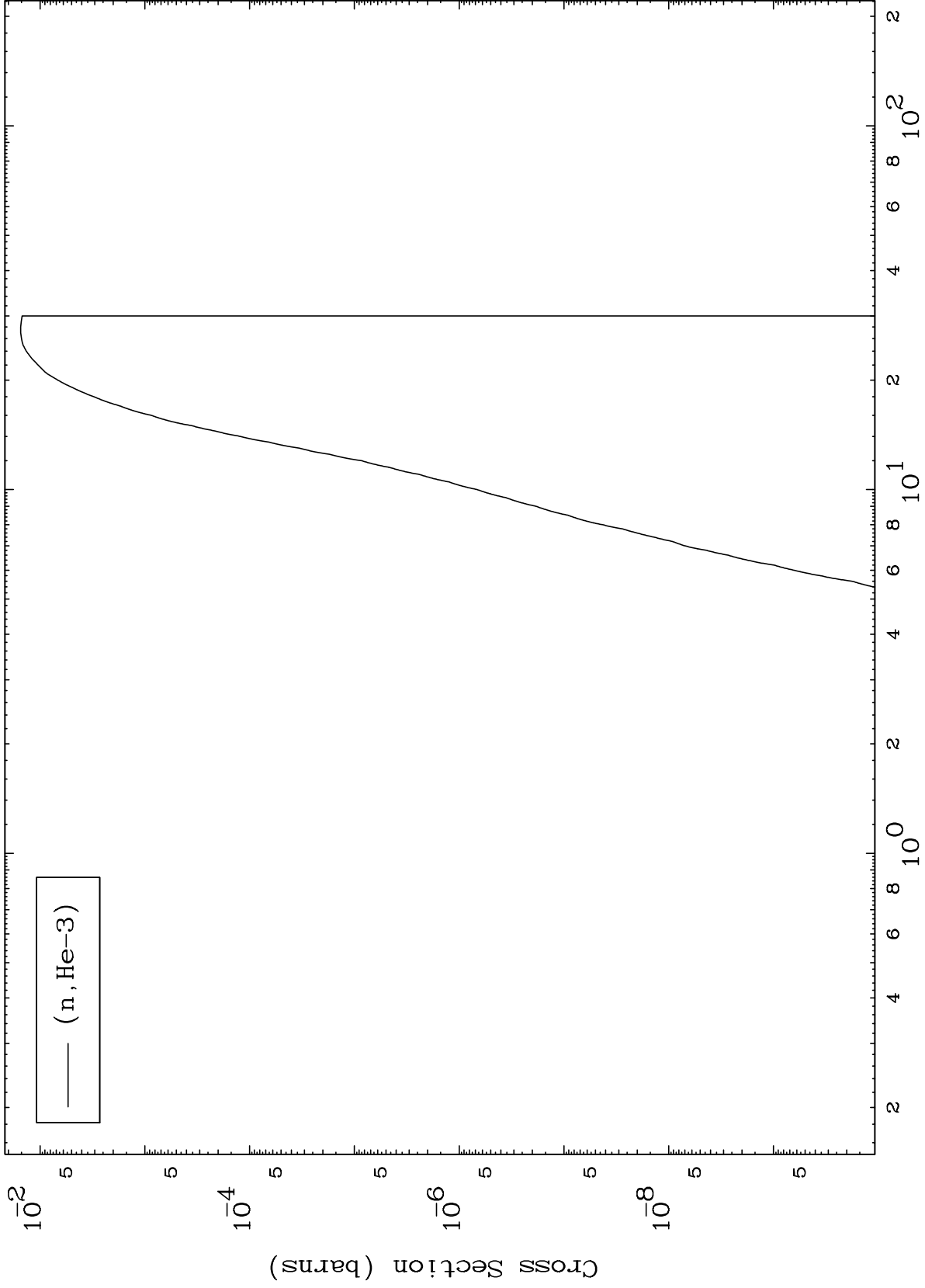
Incident Energy (MeV)

40-Zr-82

MAT 4001

(n,He3) Levels  
293 Kelvin Cross Sections

40-Zr-82



10

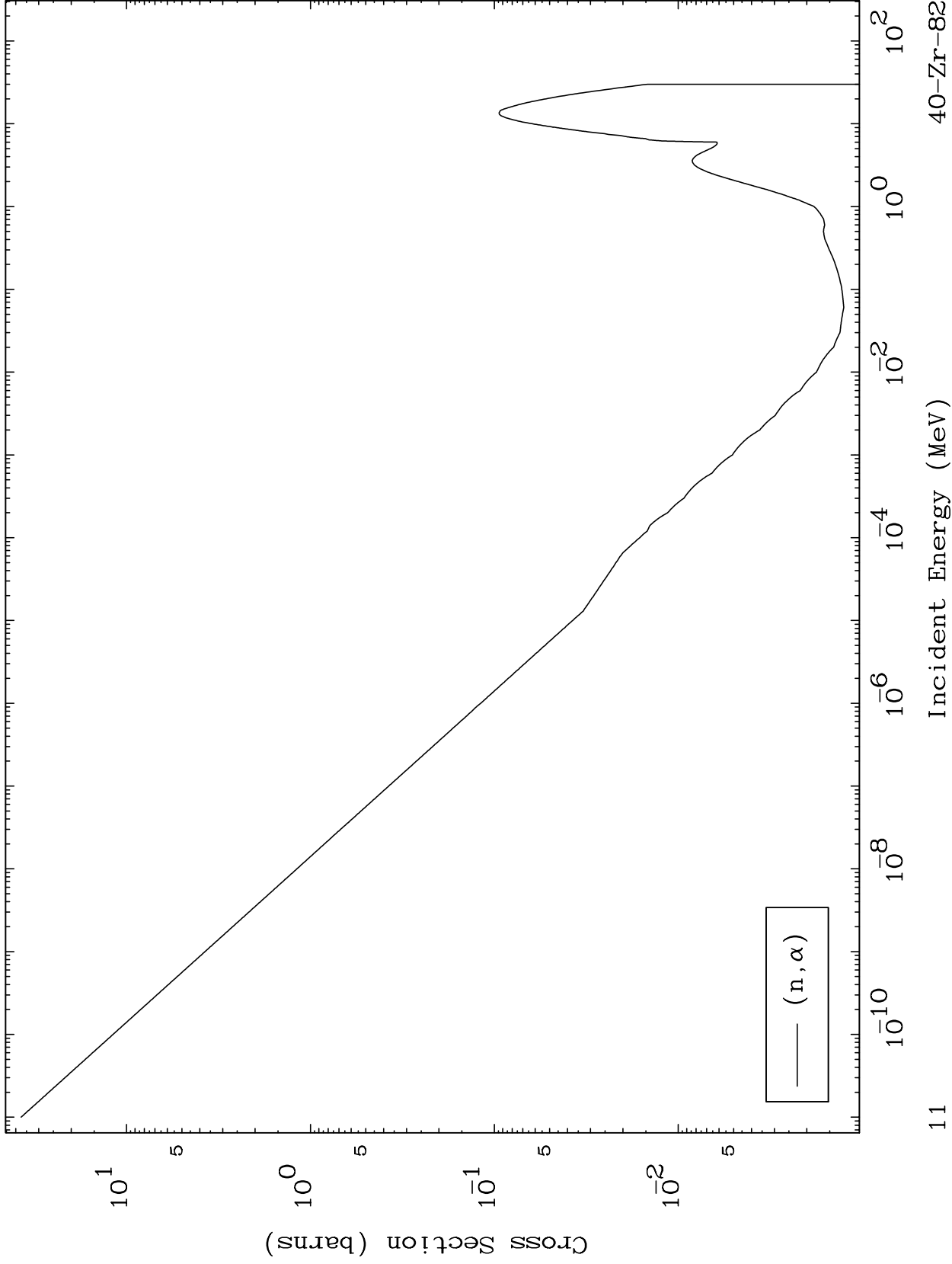
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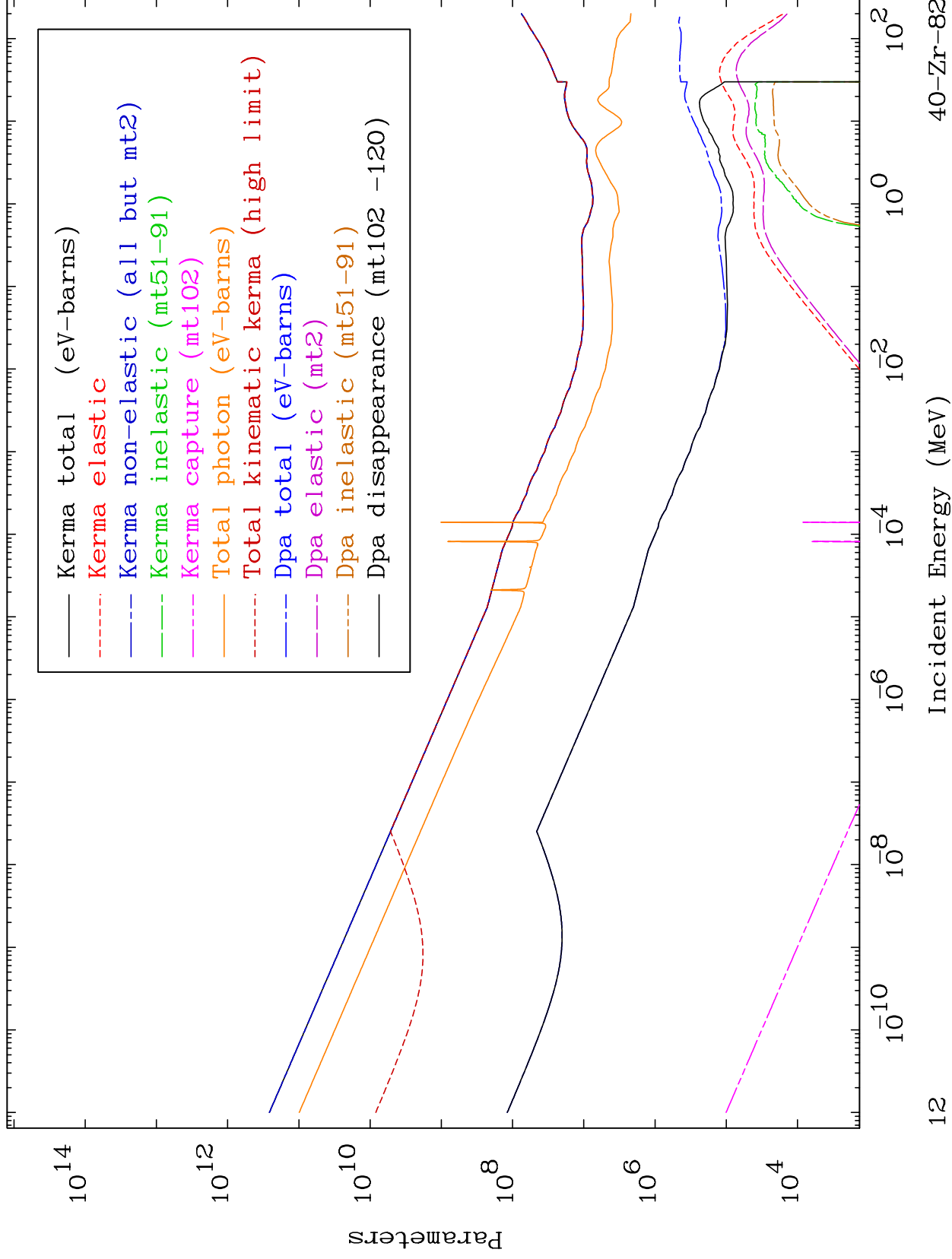
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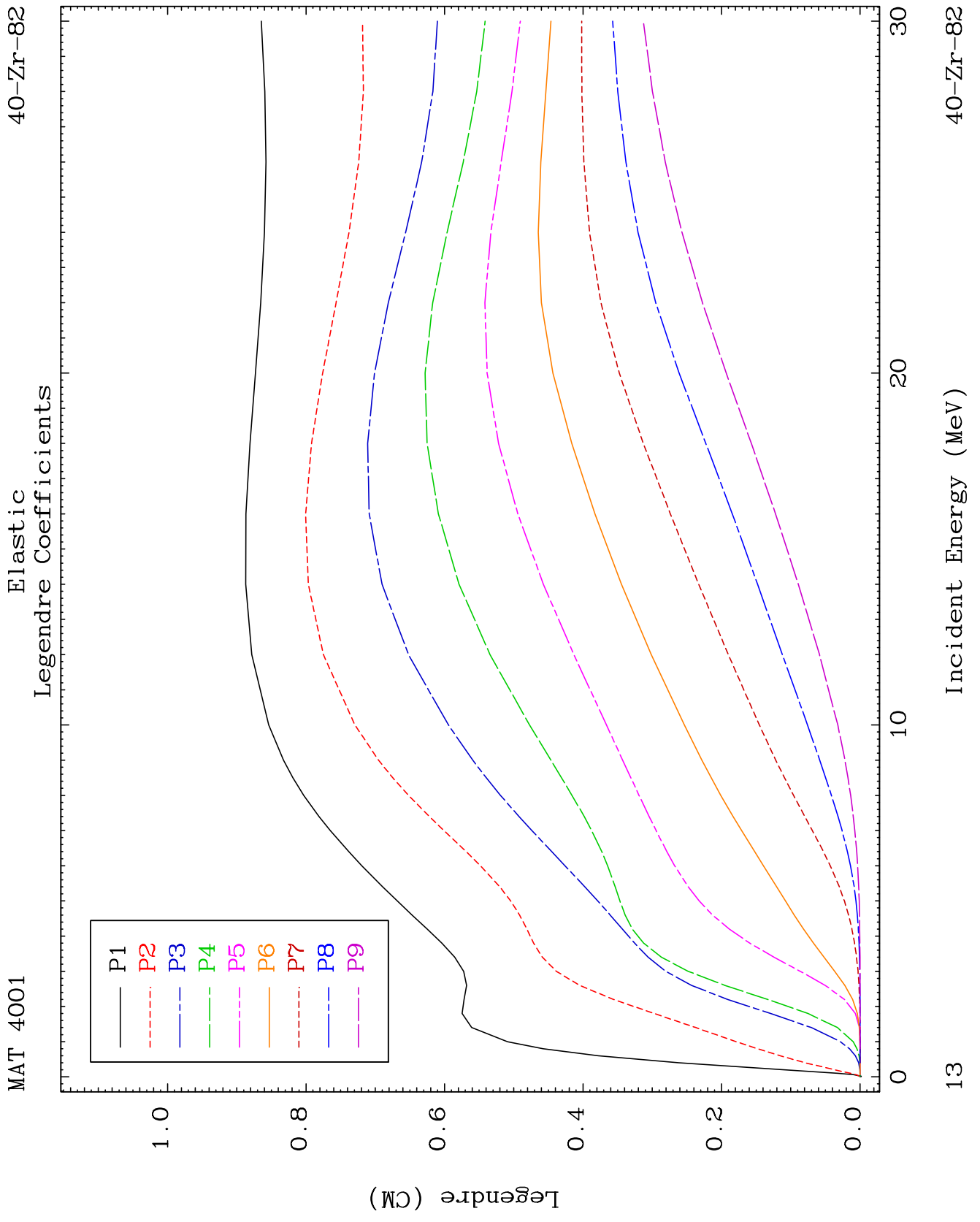
MAT 4001

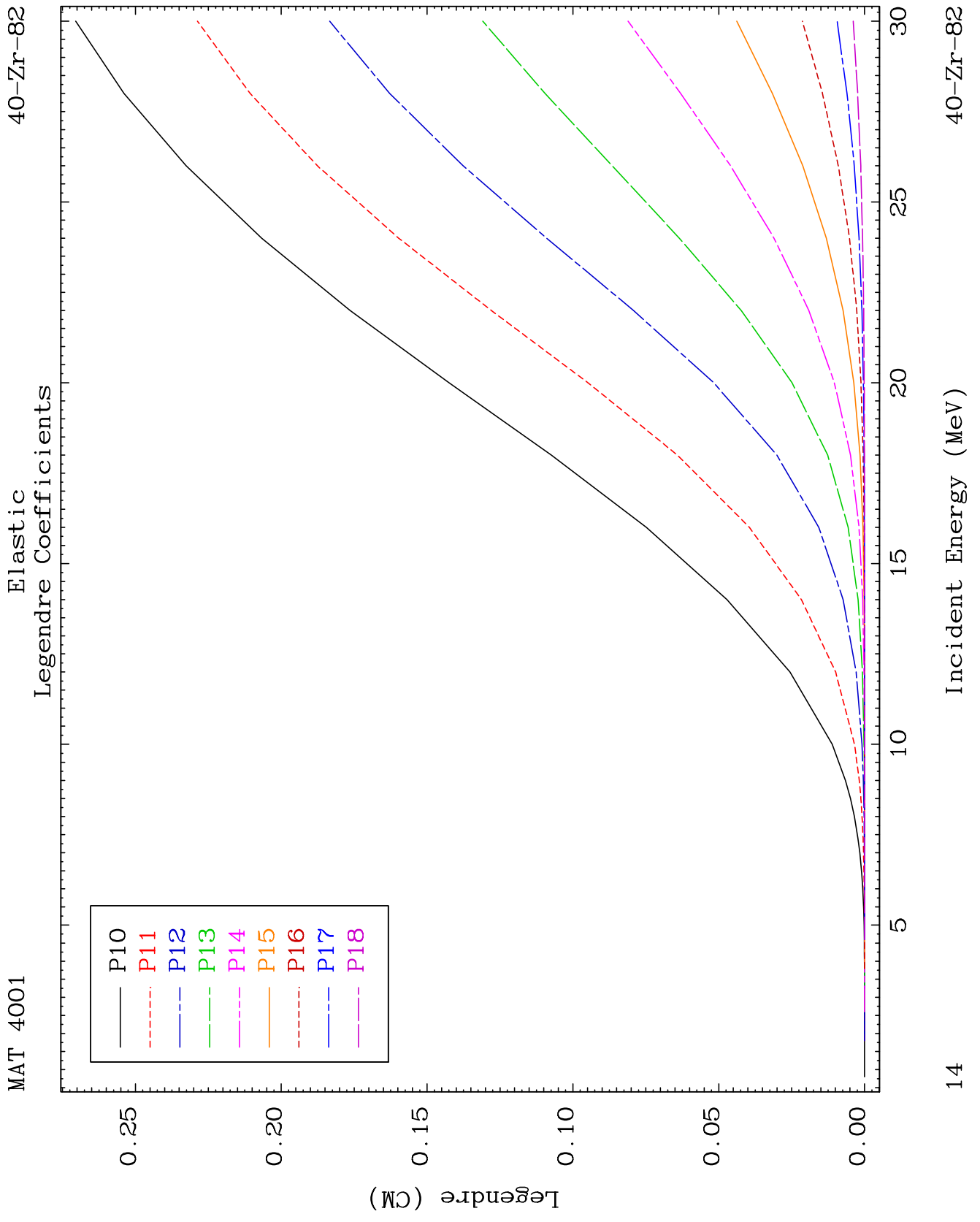
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

40-Zr-82









MAT 4001

Elastic Legendre Coefficients

40-Zr-82

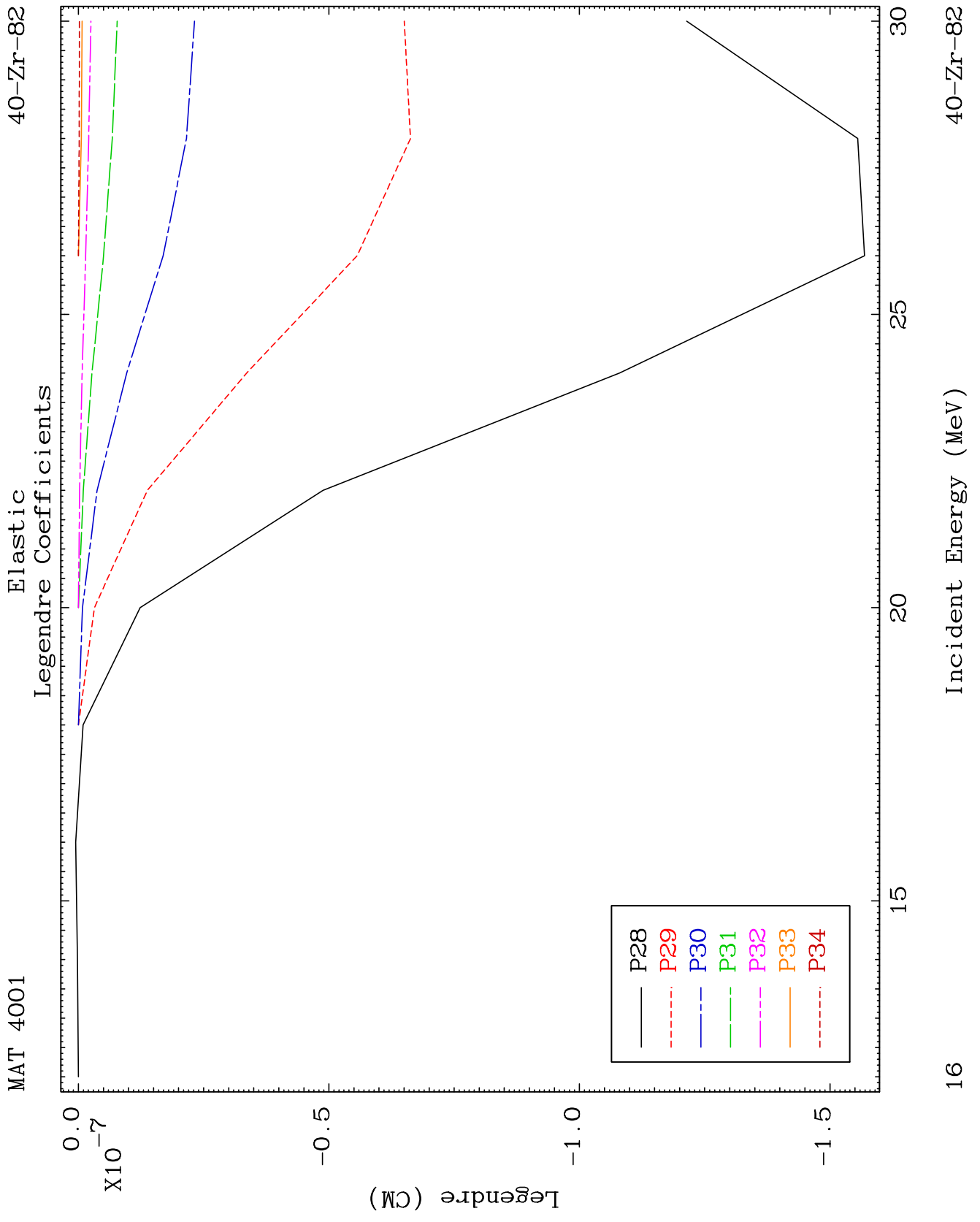
14

Incident Energy (MeV)

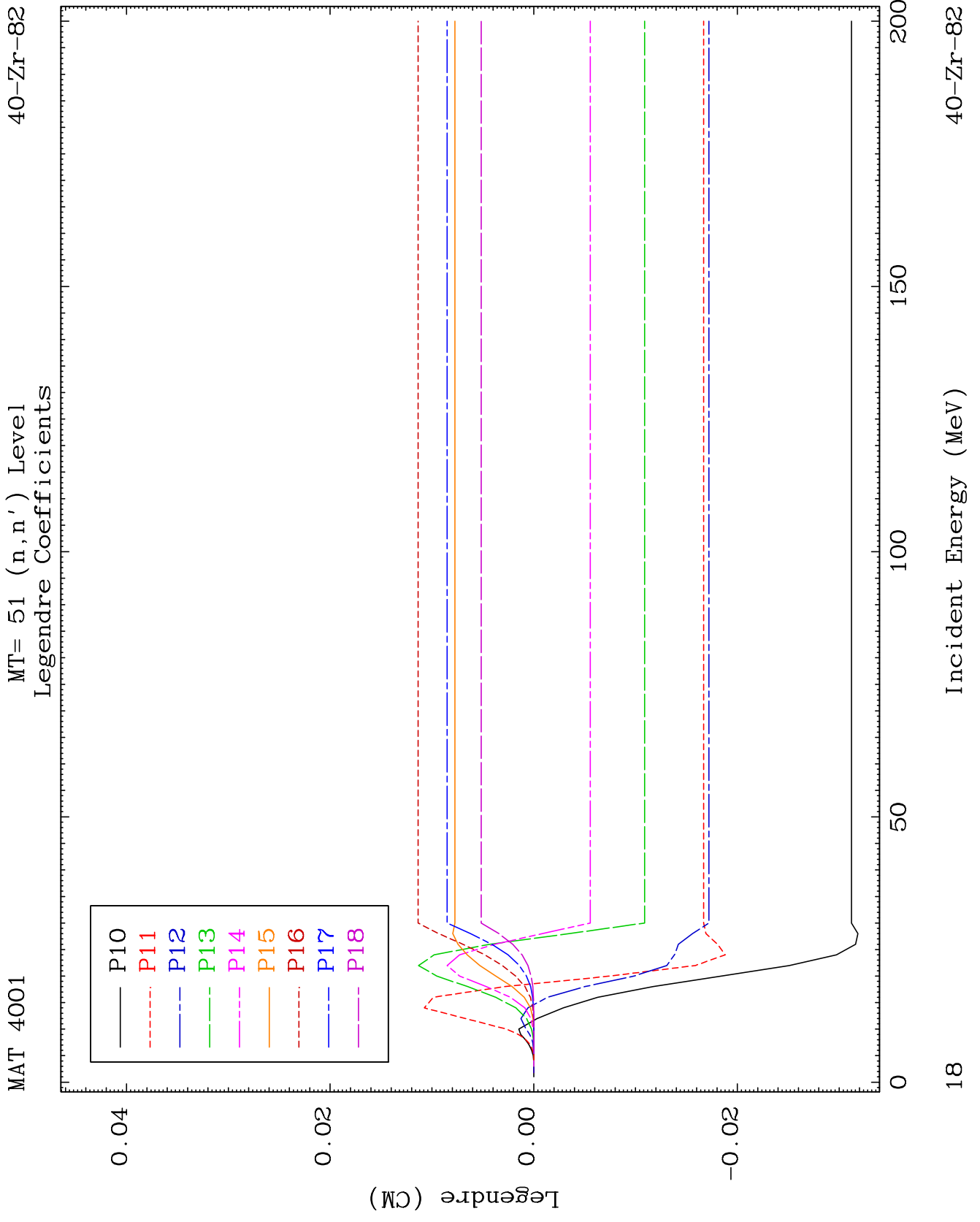
40-Zr-82

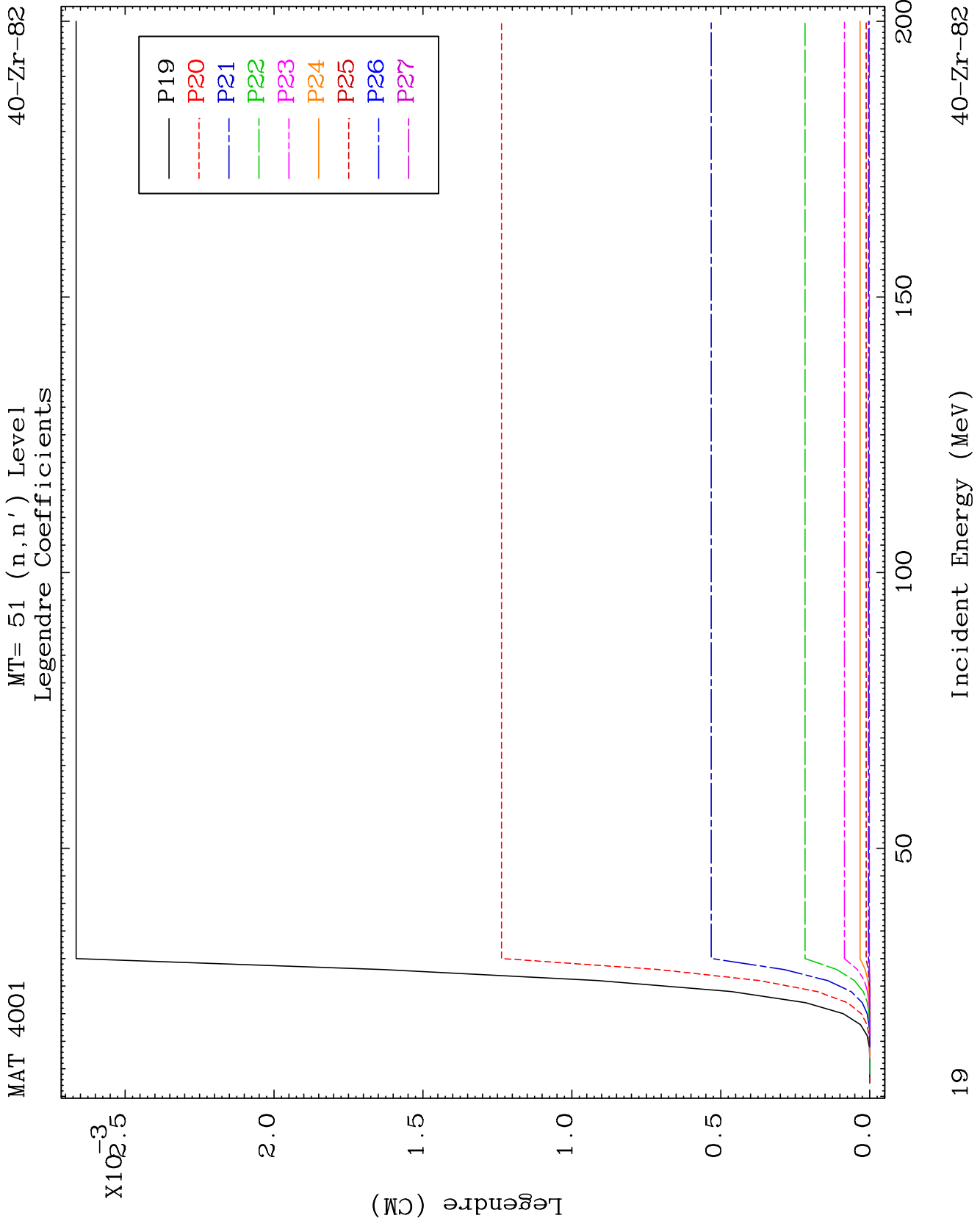


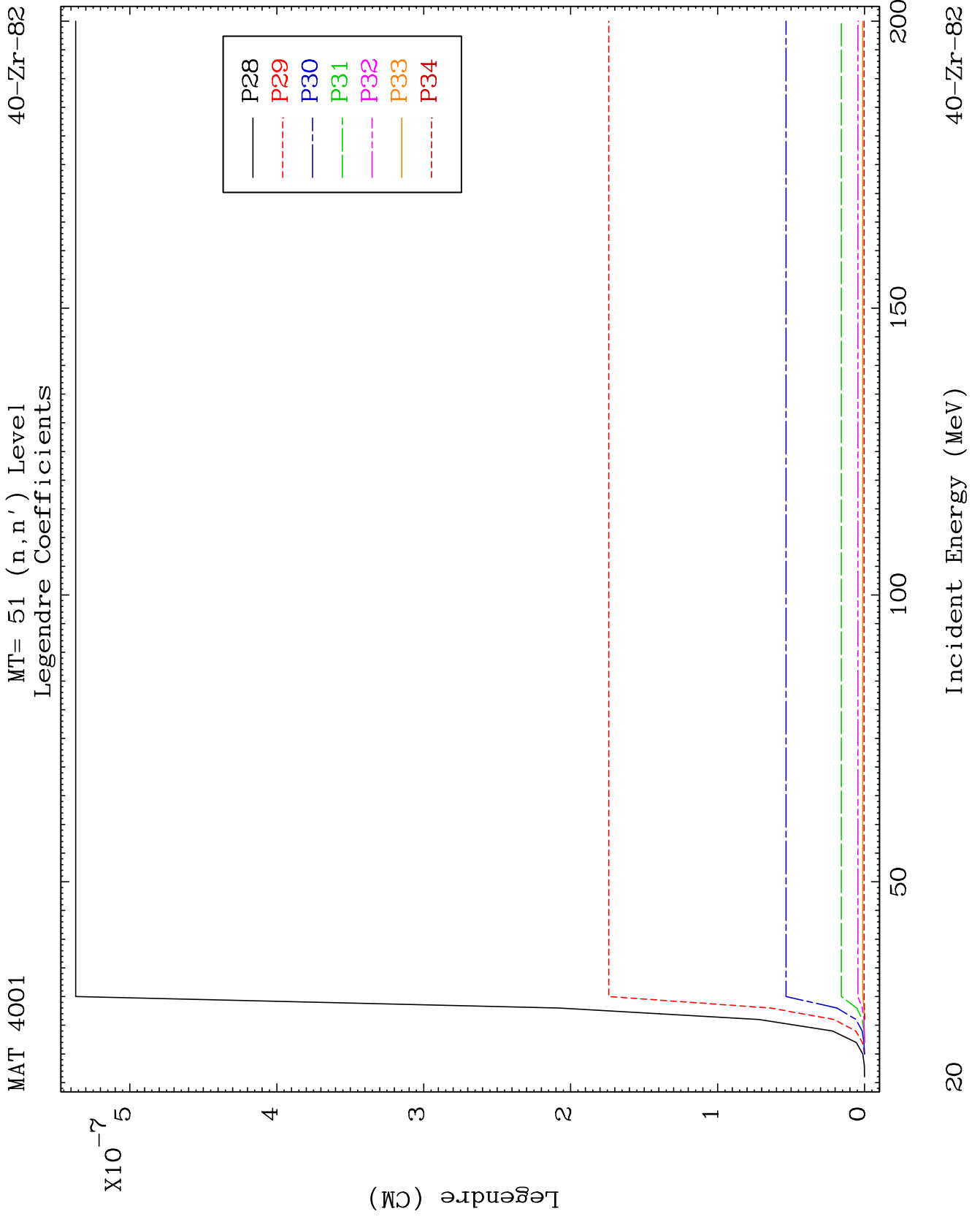


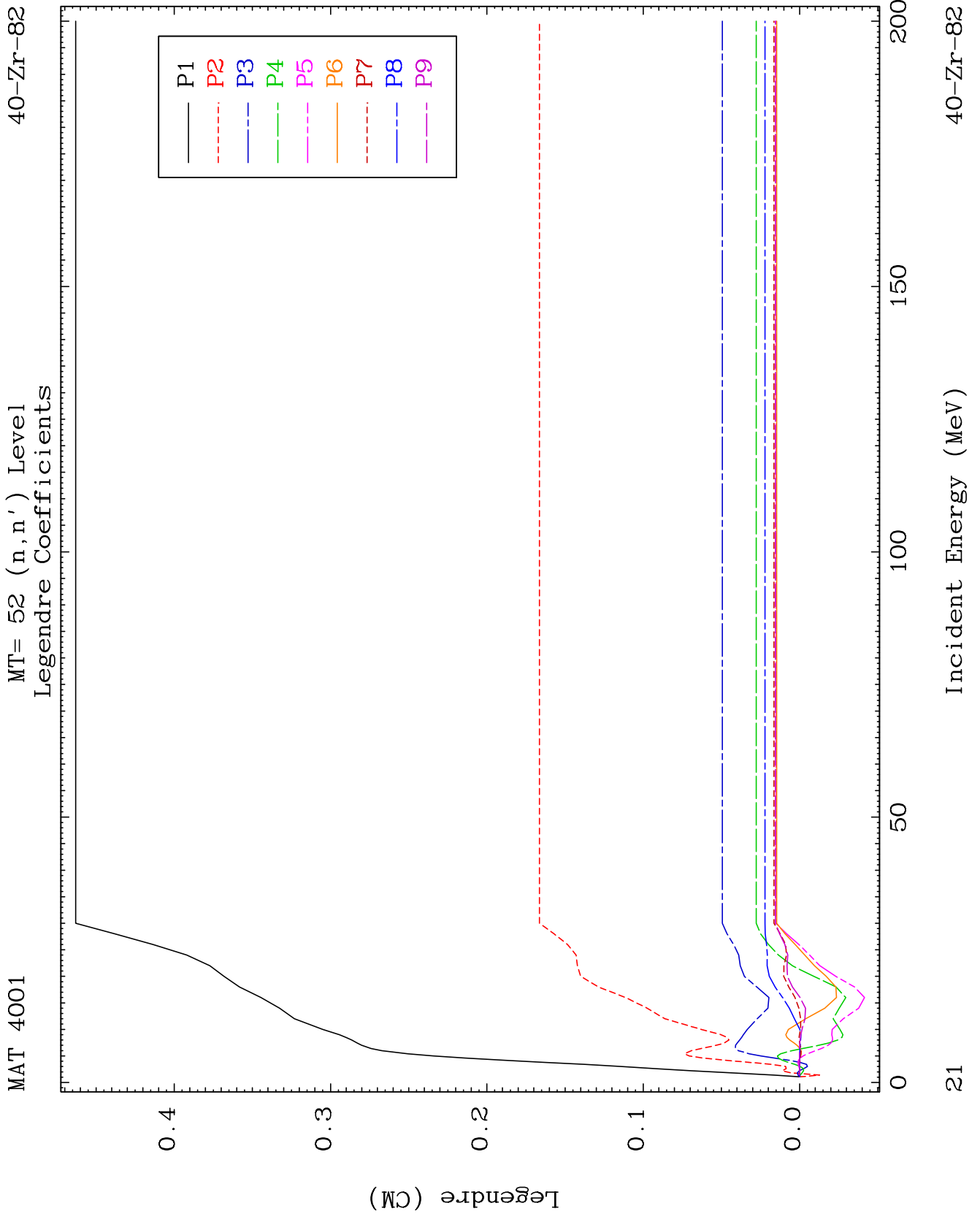




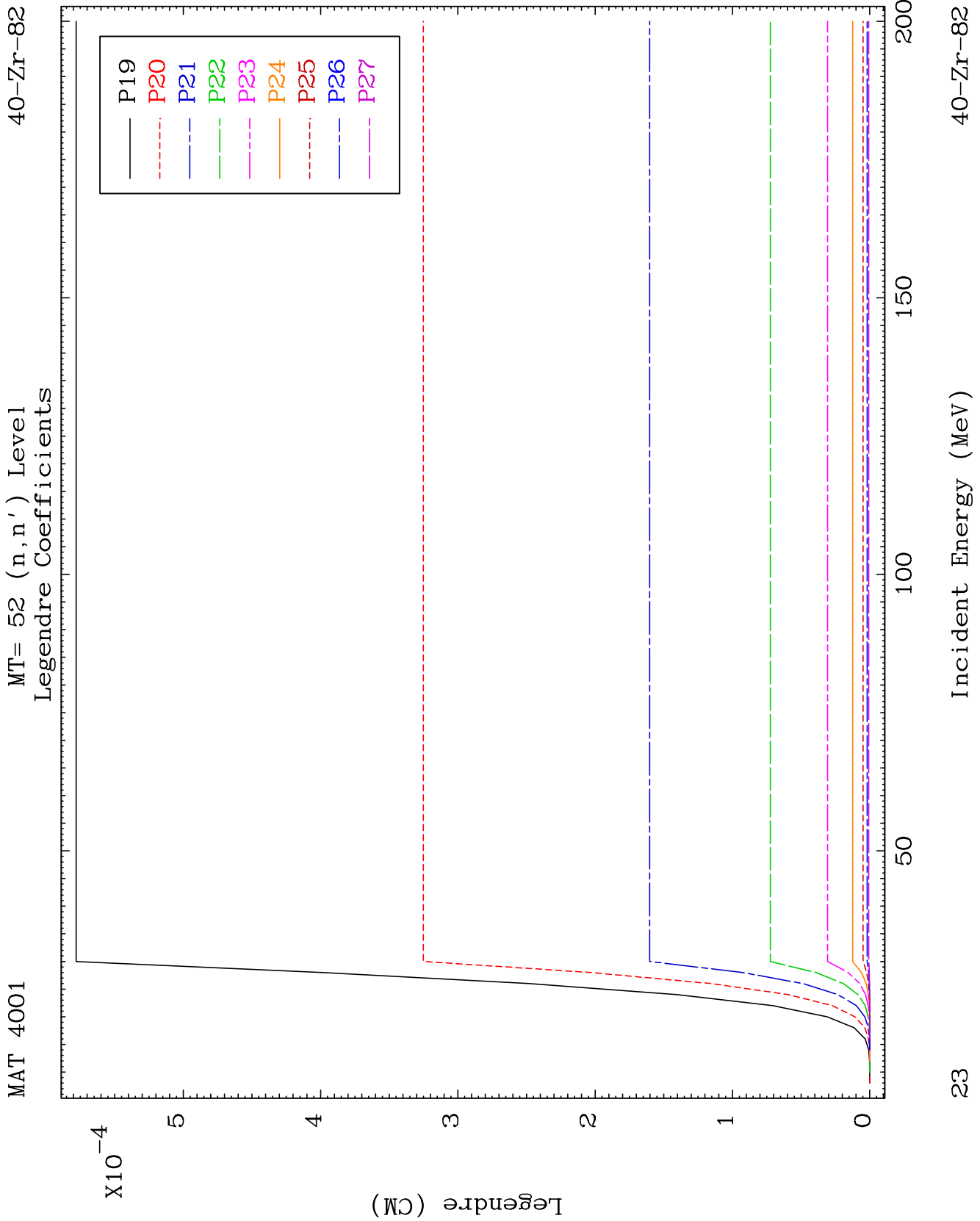




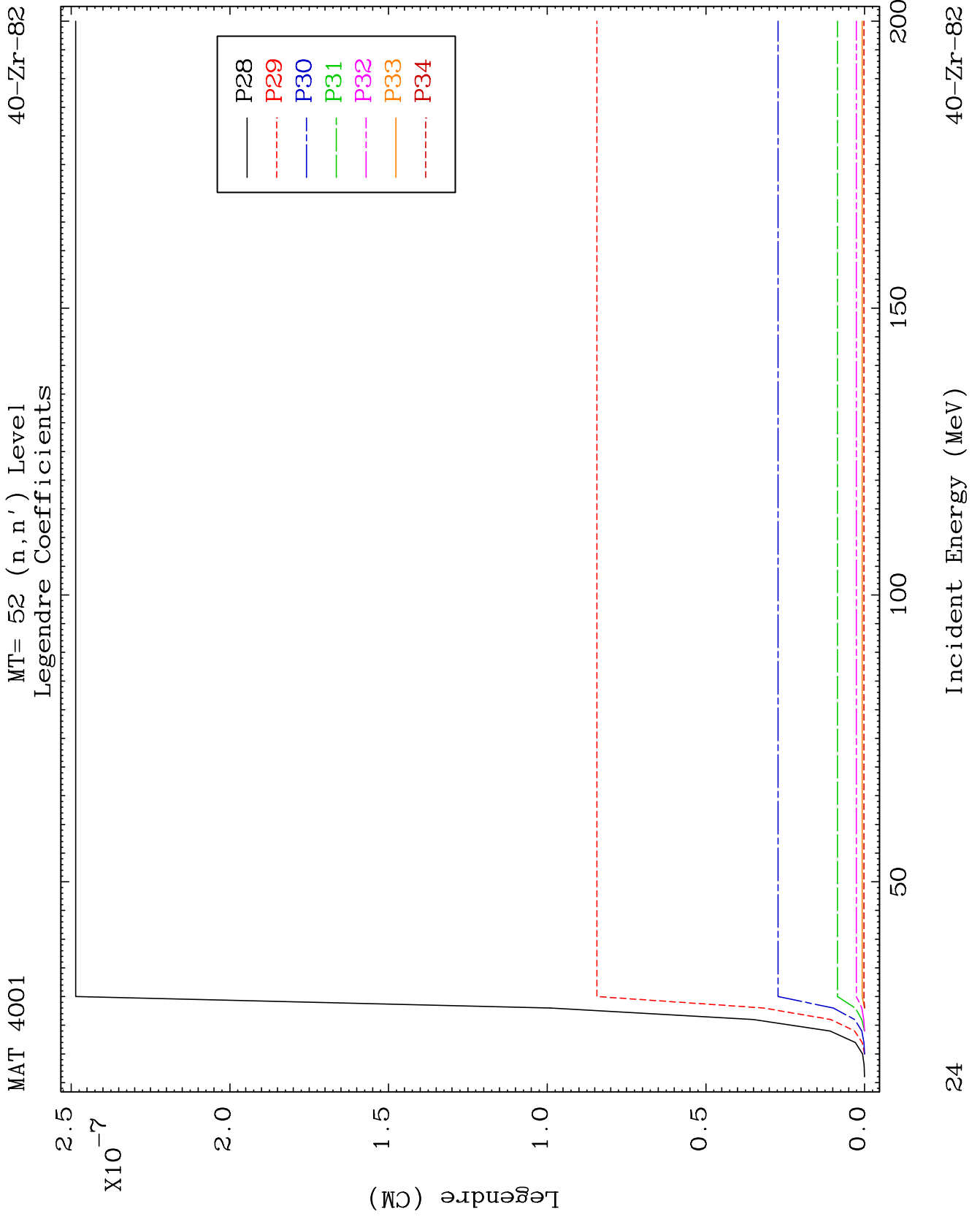


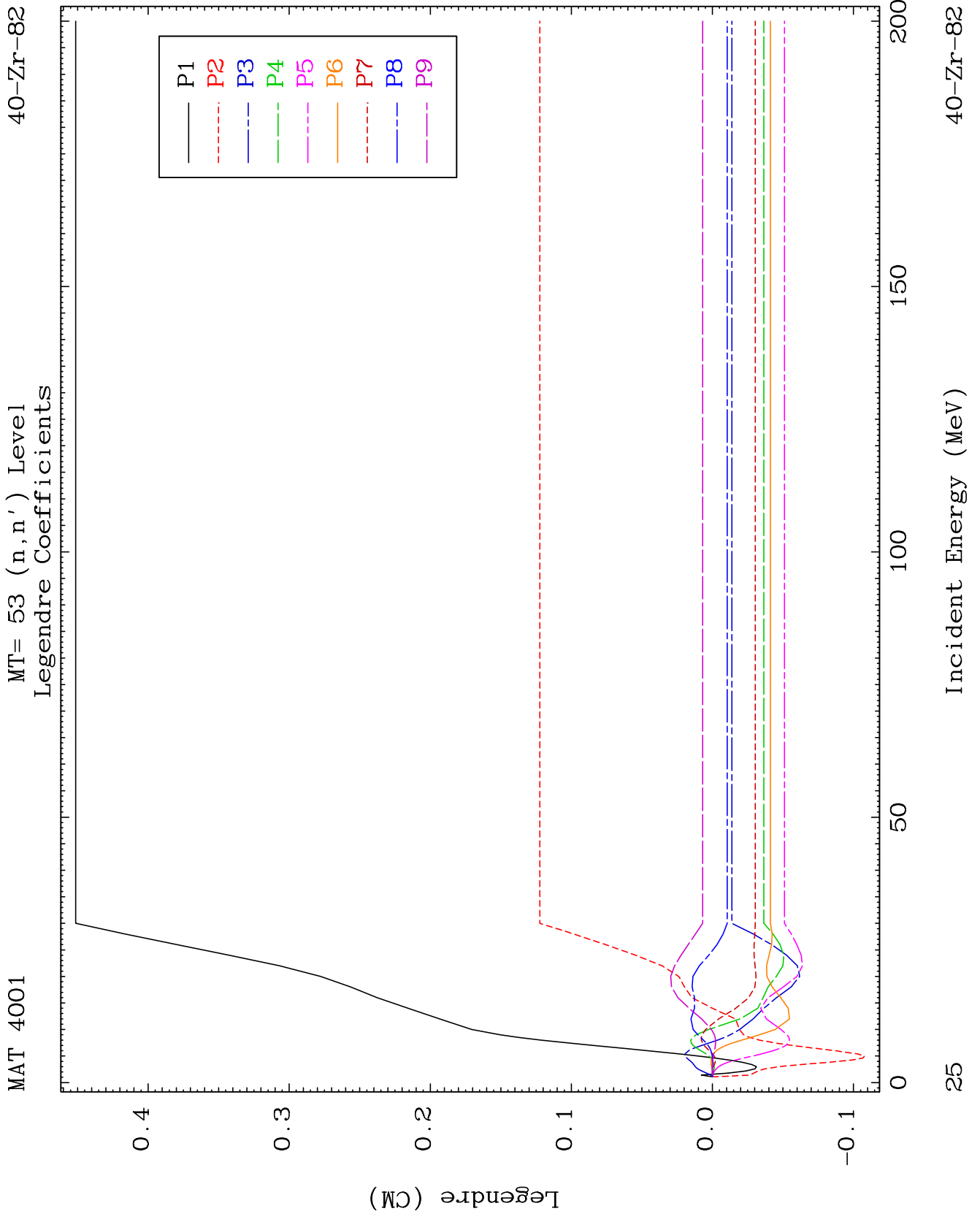


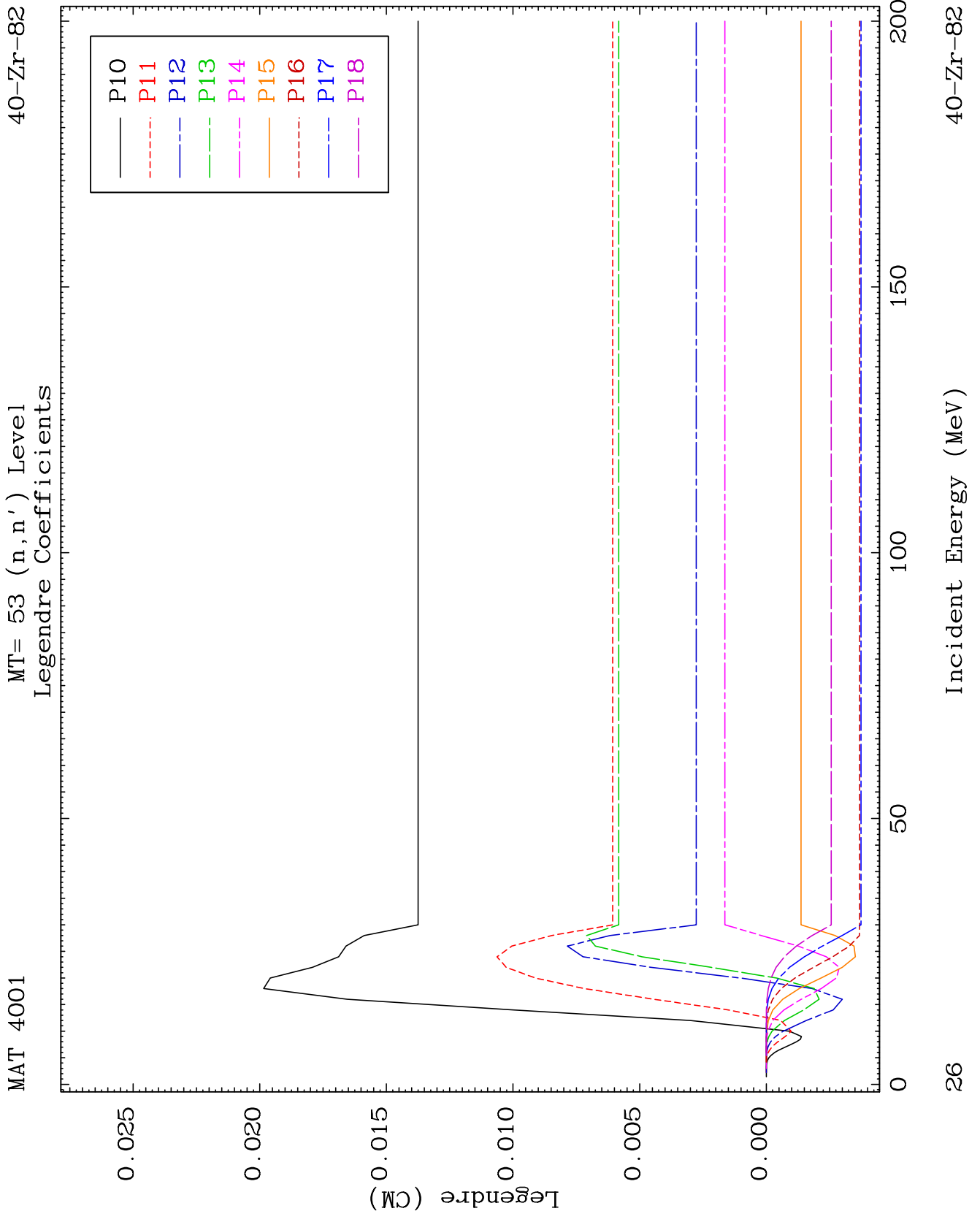


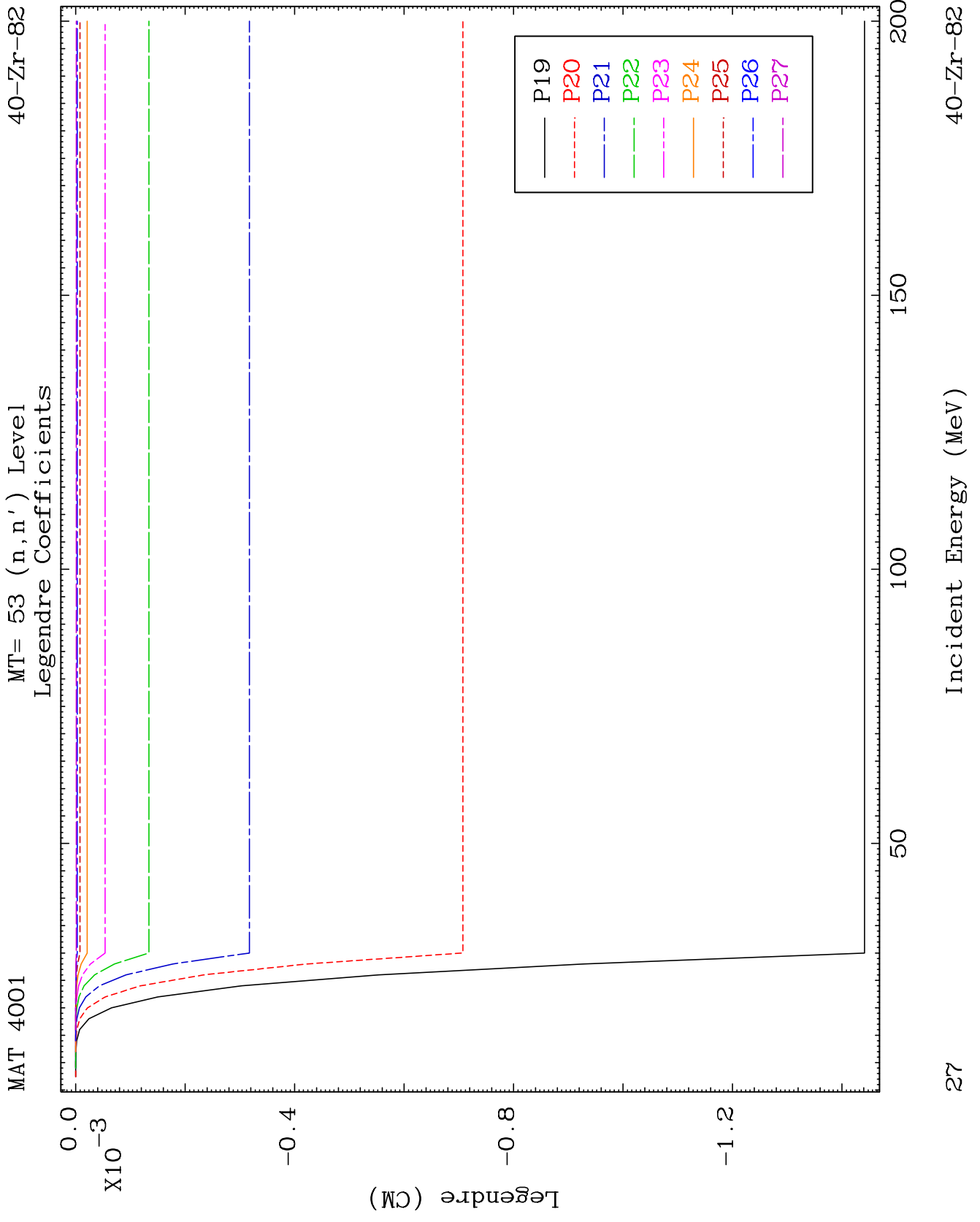


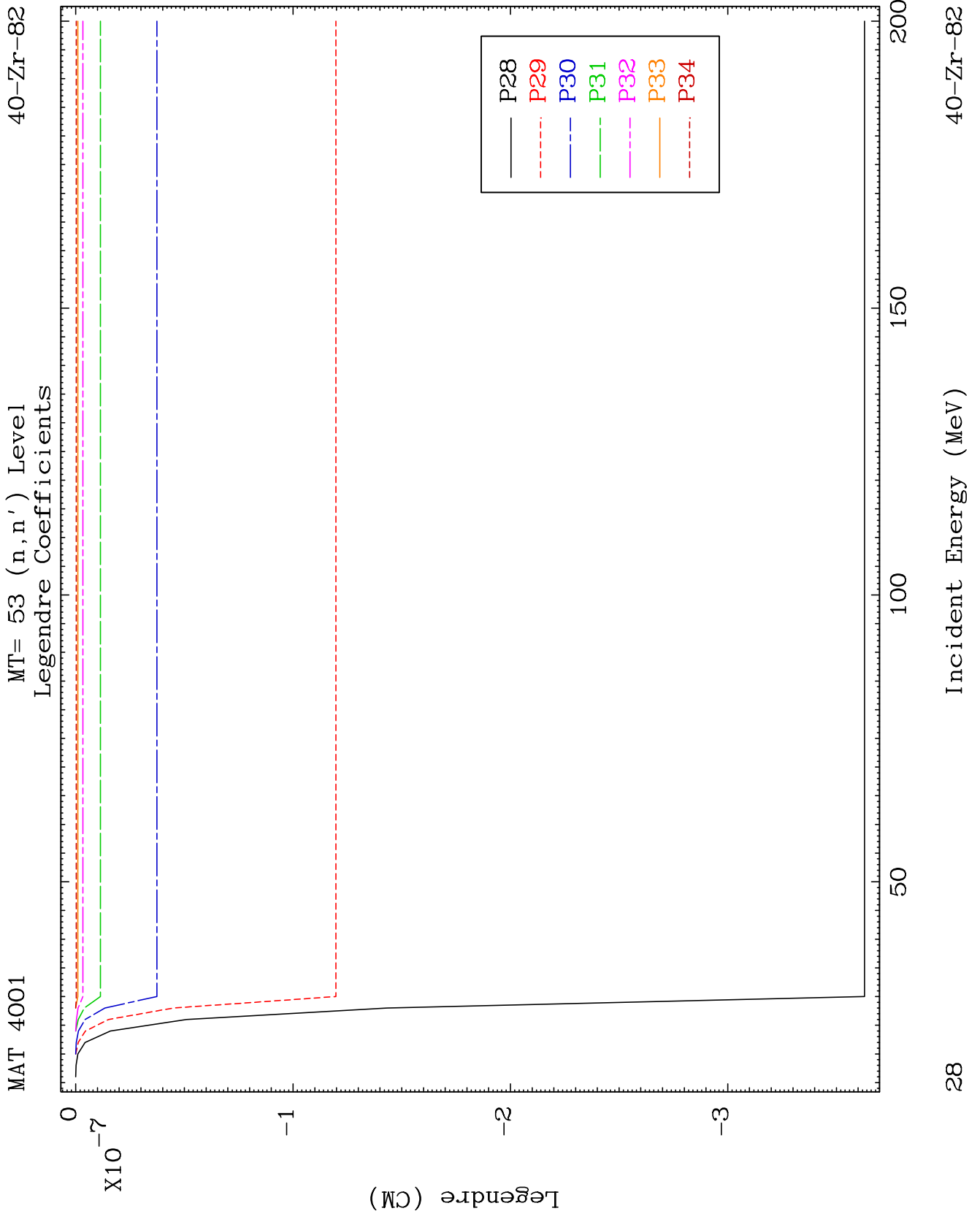


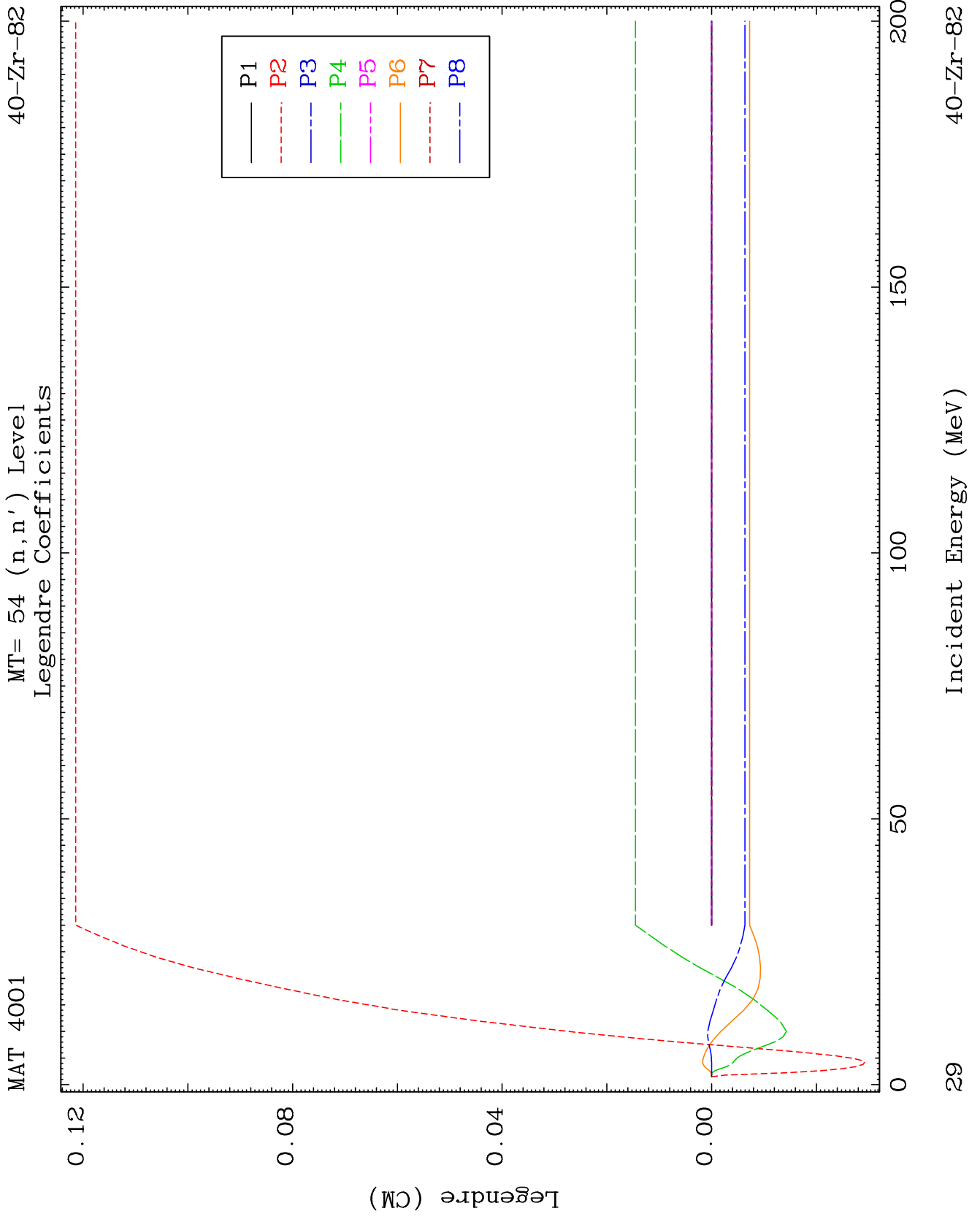


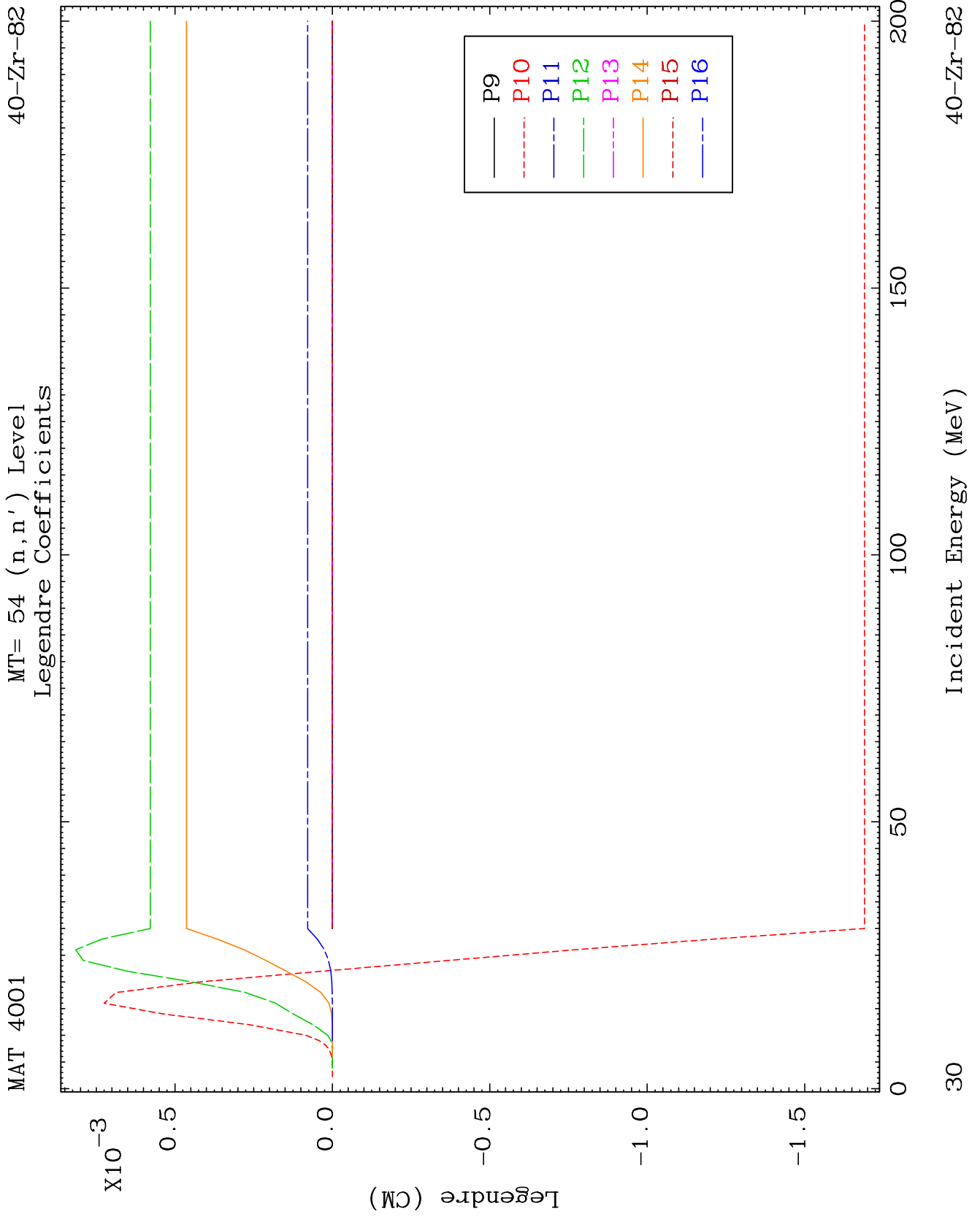














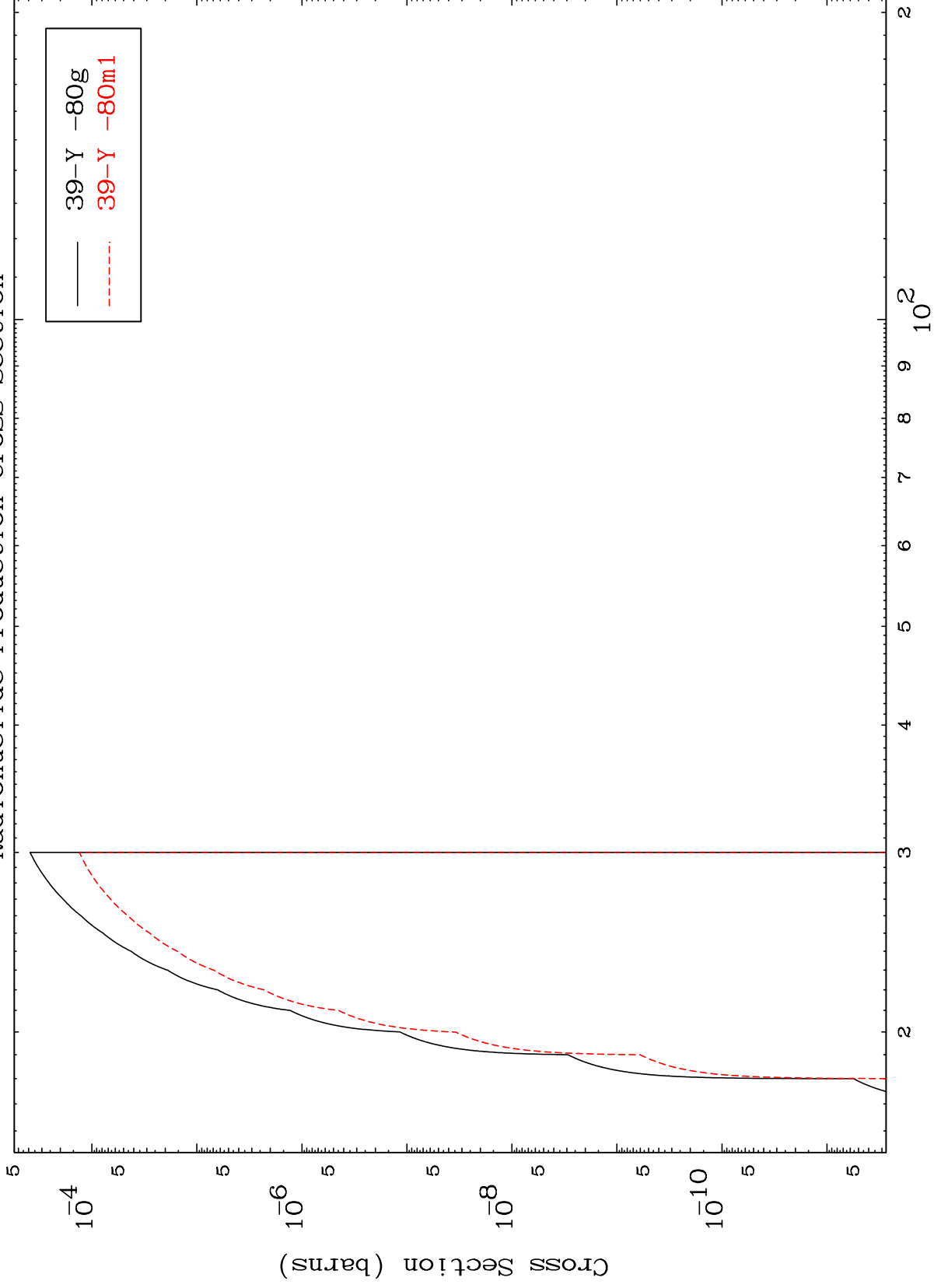


MAT 4001

(n,n') d

40-Zr-82

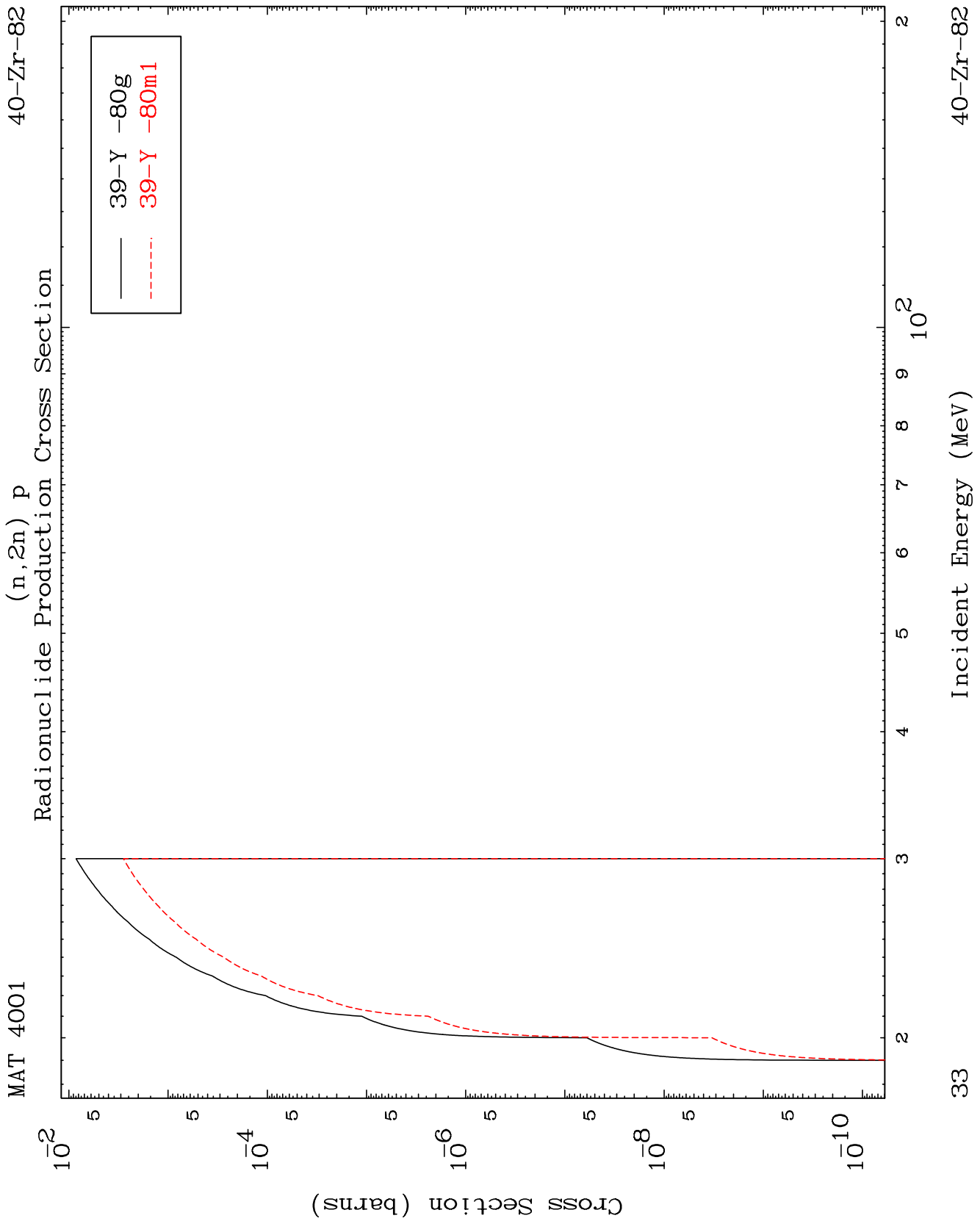
Radionuclide Production Cross Section

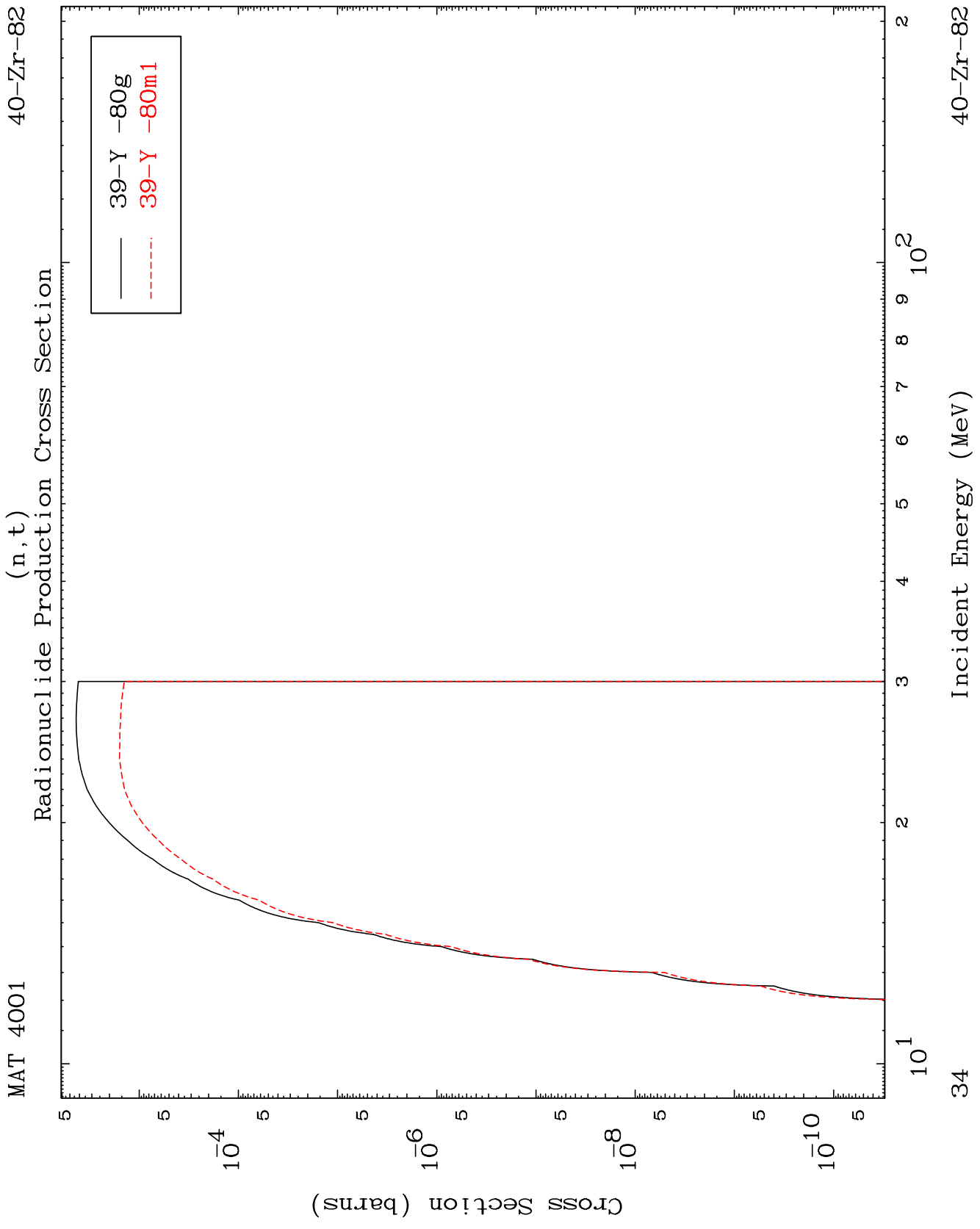


32

Incident Energy (MeV)

40-Zr-82



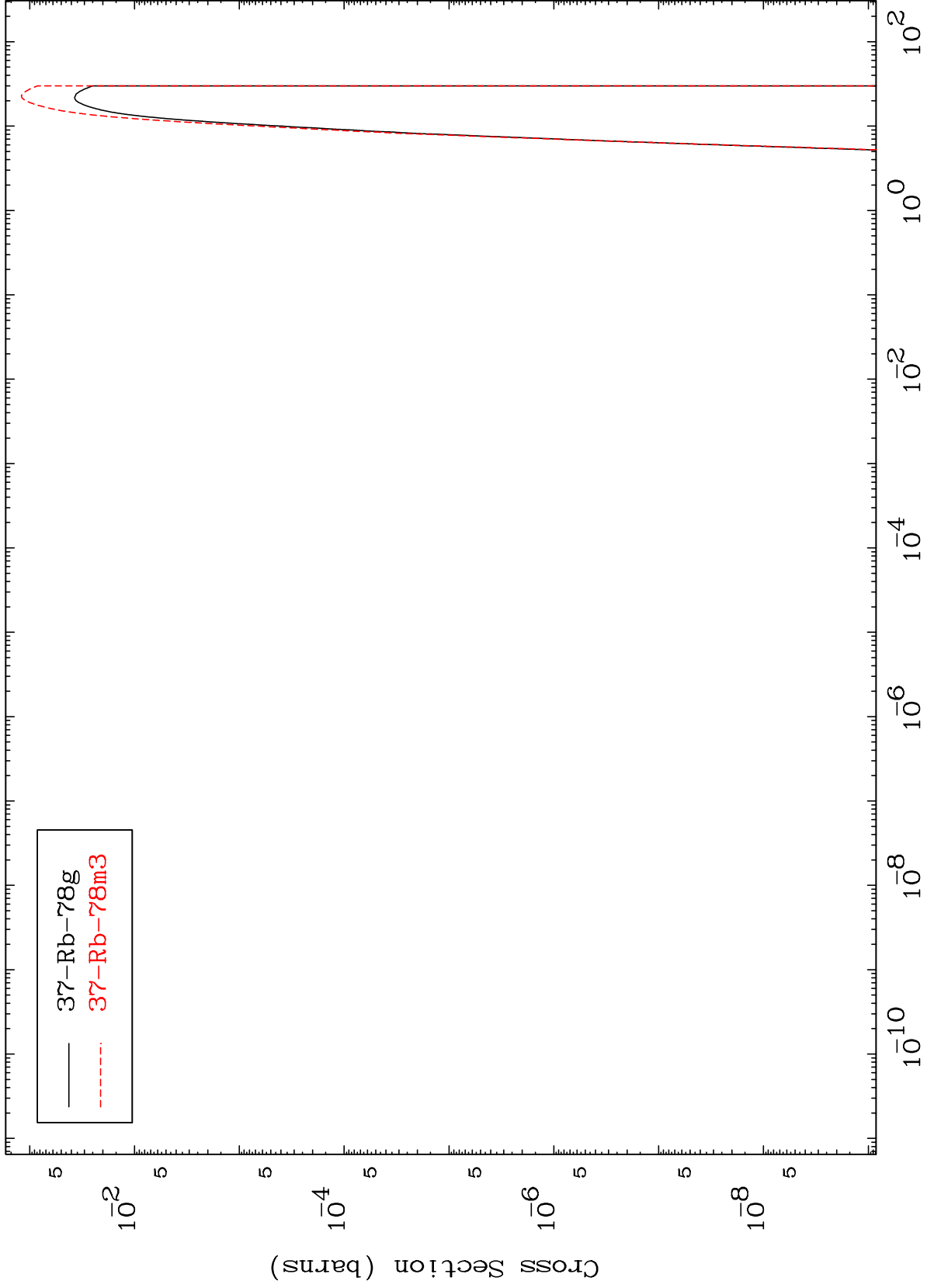


MAT 4001

(n,p)  $\alpha$

40-Zr-82

Radionuclide Production Cross Section



35

Incident Energy (MeV)

40-Zr-82