

Program EVALPLOT  
(Version 2015-2)

by

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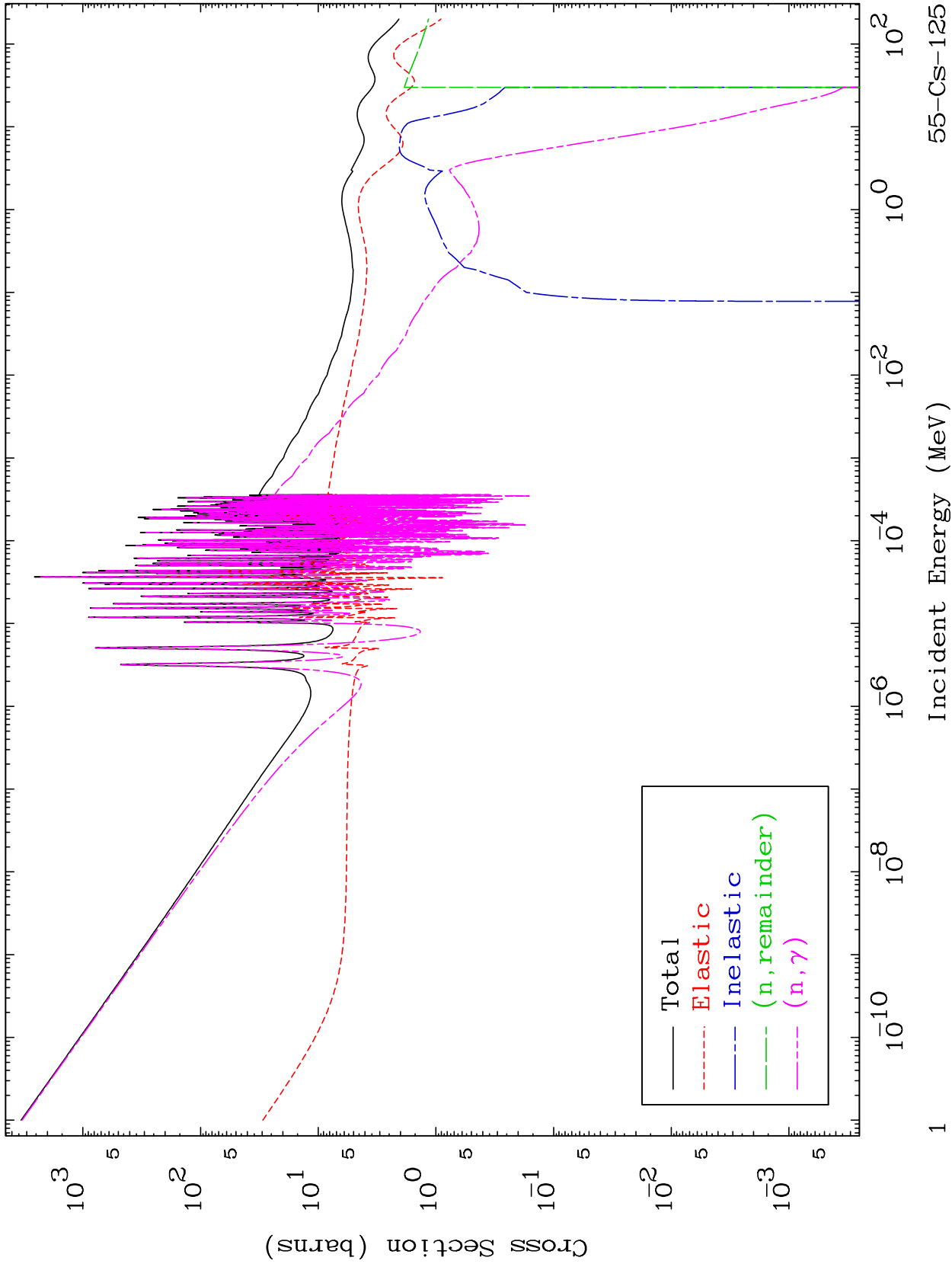
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5501

Major  
293 Kelvin Cross Sections

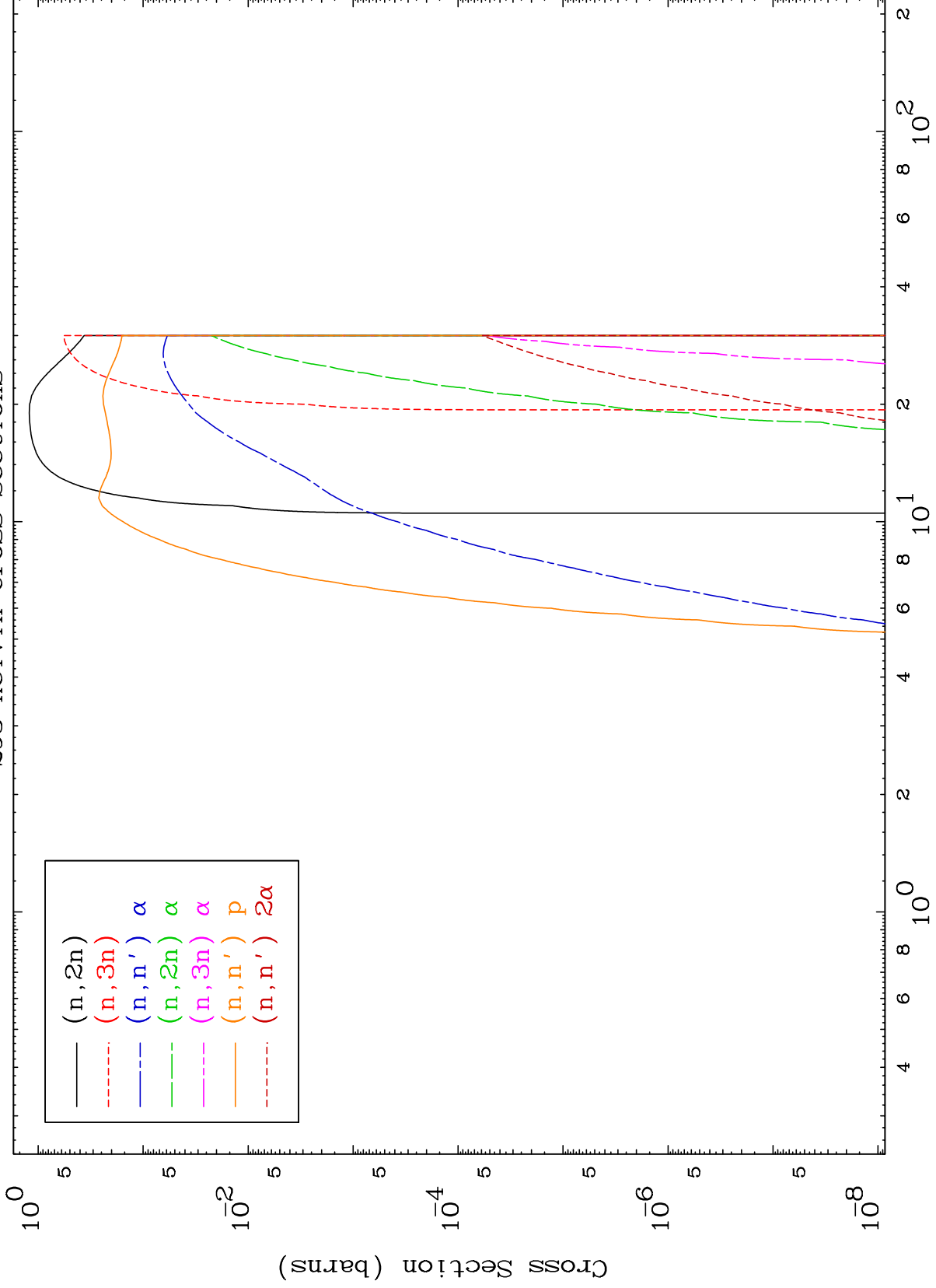
55-Cs-125



MAT 5501

Neutron Production  
293 Kelvin Cross Sections

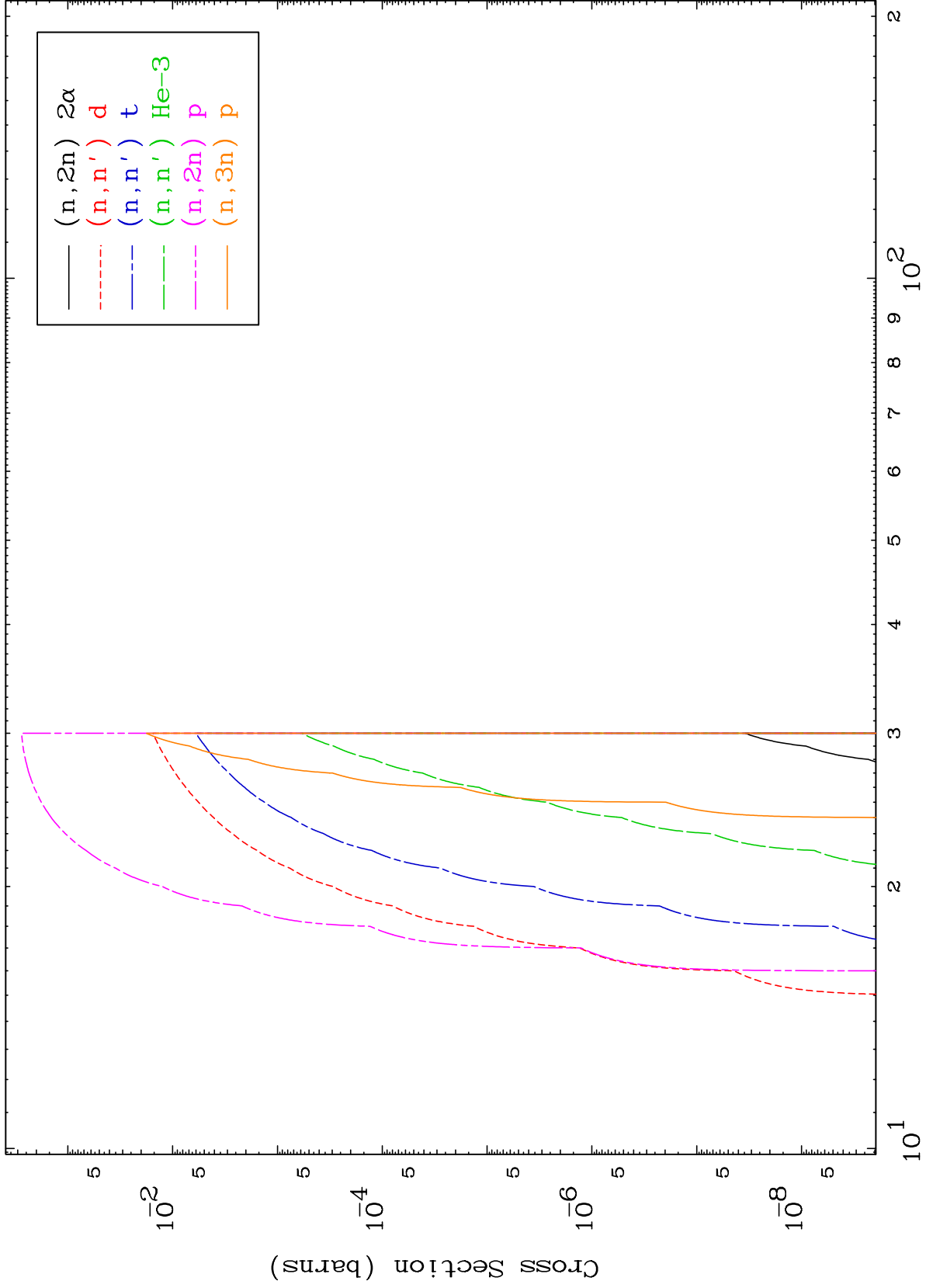
55-Cs-125



MAT 5501

Neutron Production  
293 Kelvin Cross Sections

55-Cs-125



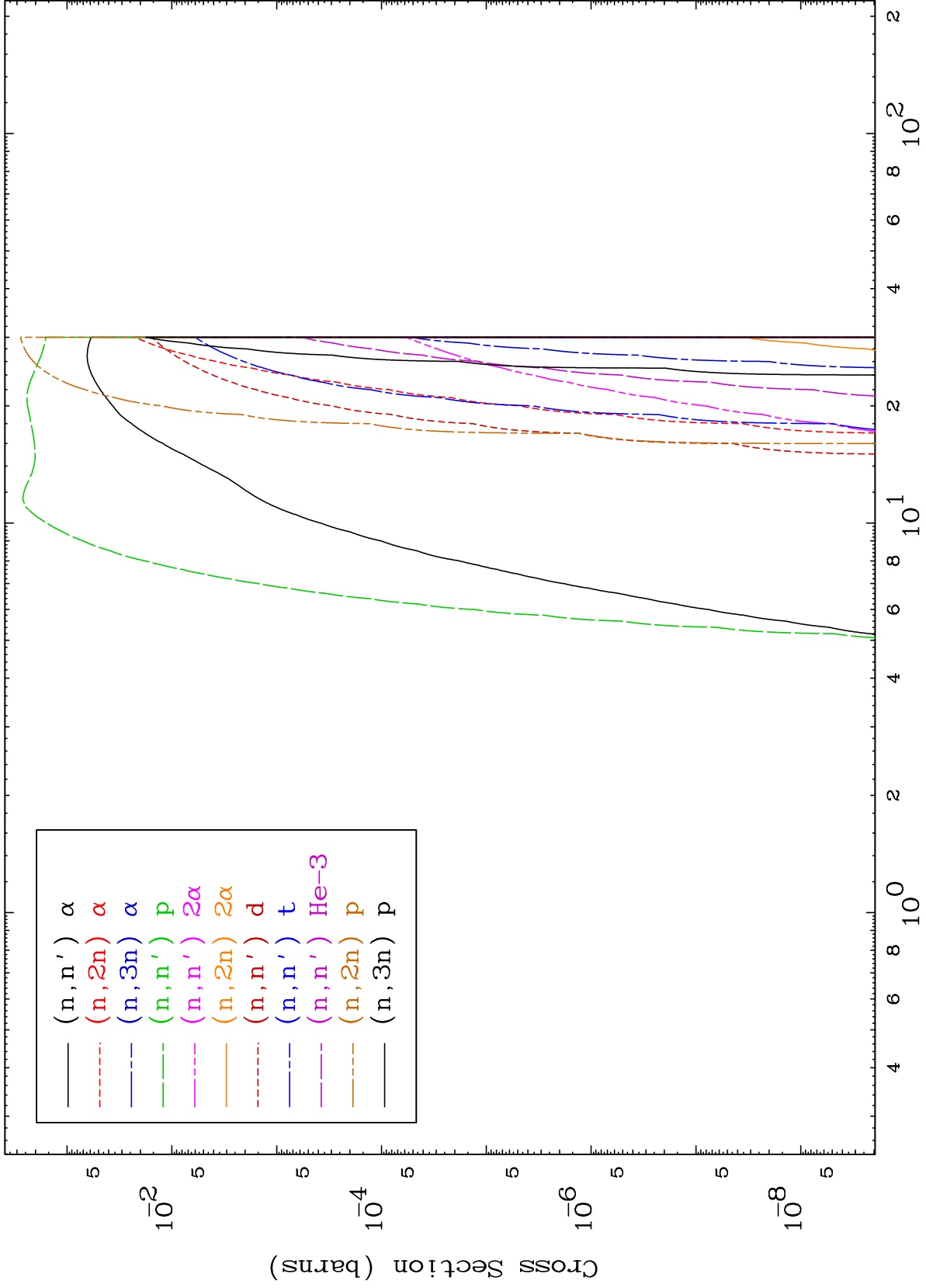
Incident Energy (MeV)

55-Cs-125

MAT 5501

Charged Particle  
293 Kelvin Cross Sections

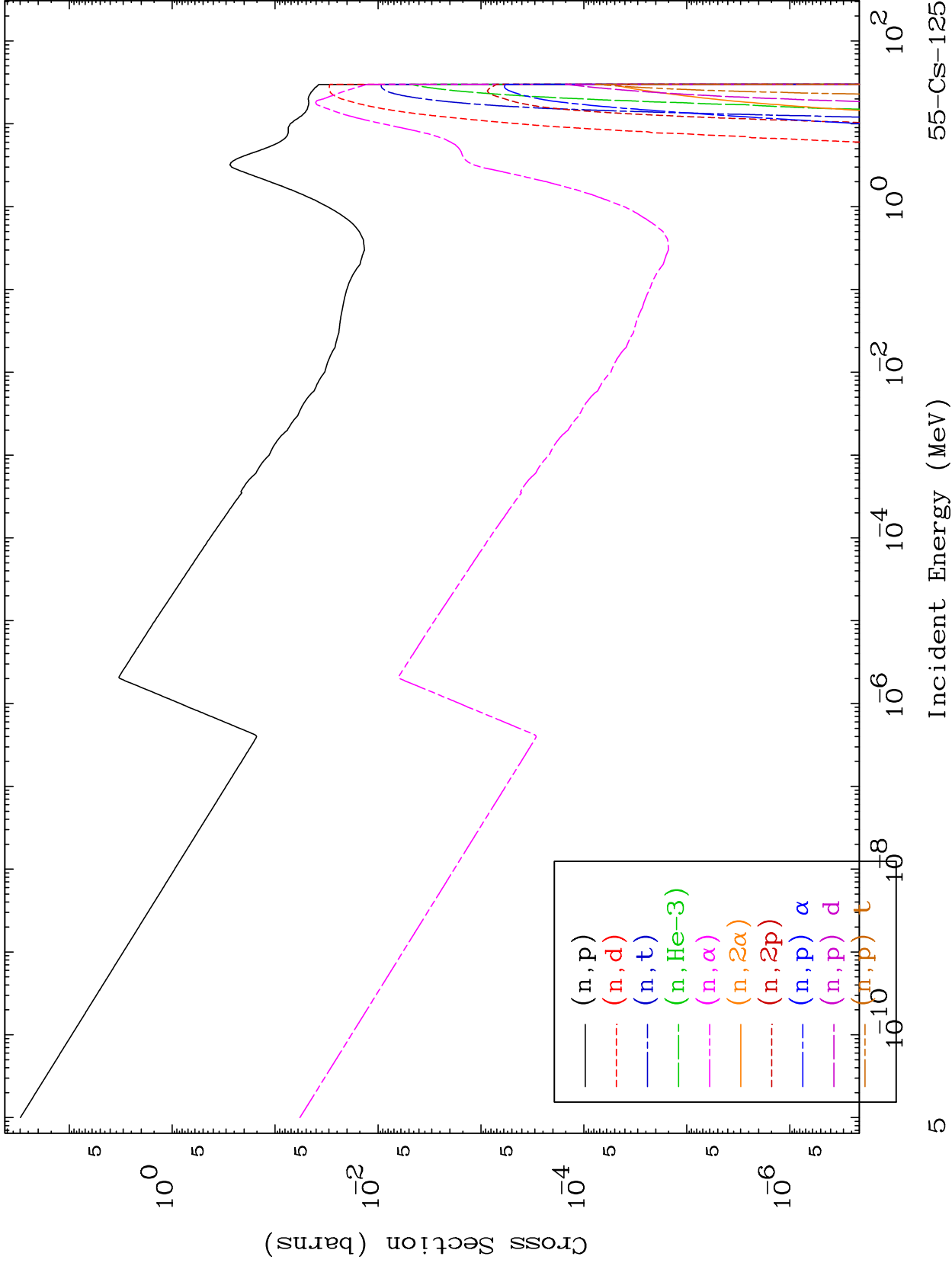
55-Cs-125



MAT 5501

Charged Particle  
293 Kelvin Cross Sections

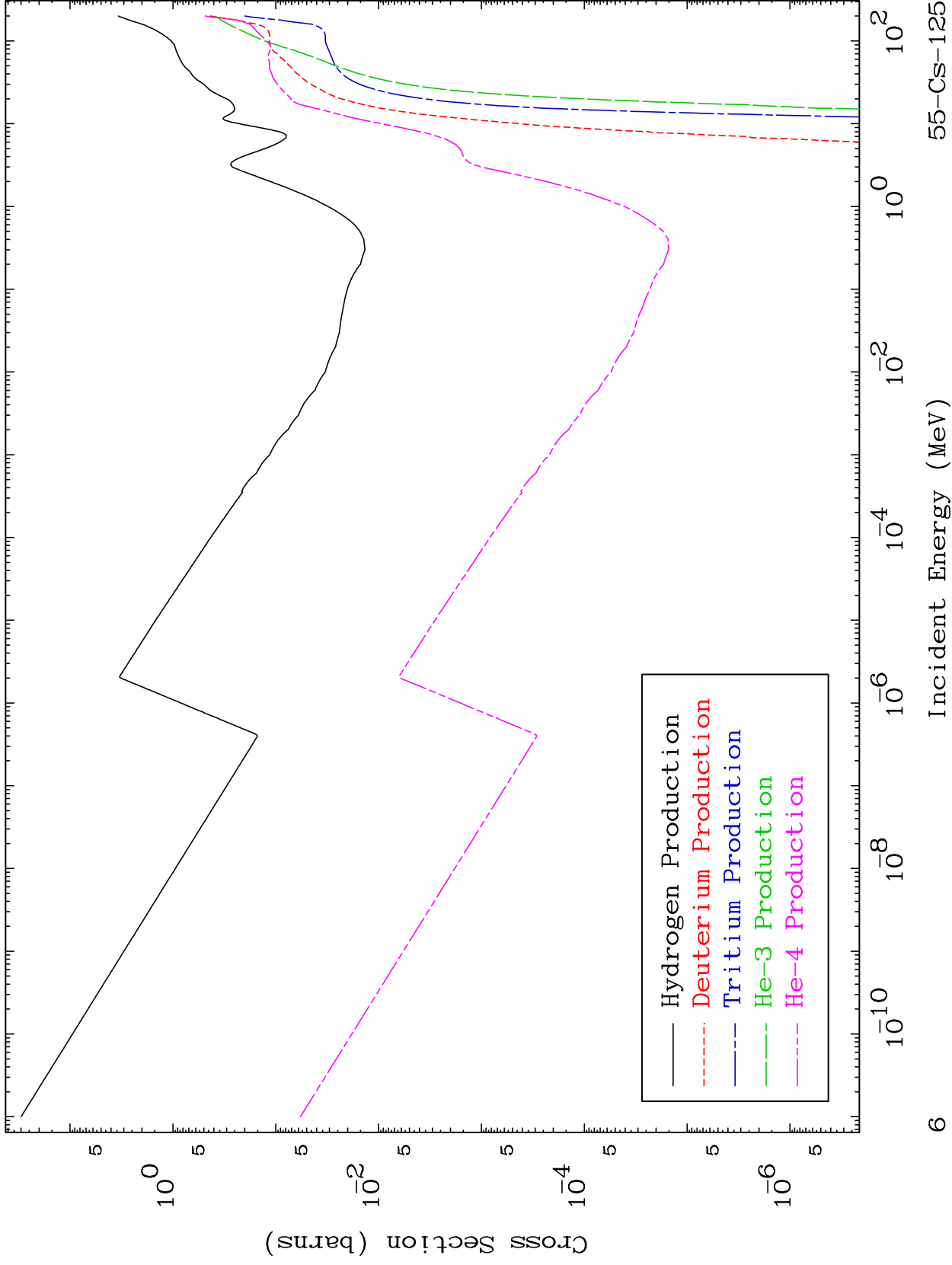
55-Cs-125



MAT 5501

Particle Production  
293 Kelvin Cross Sections

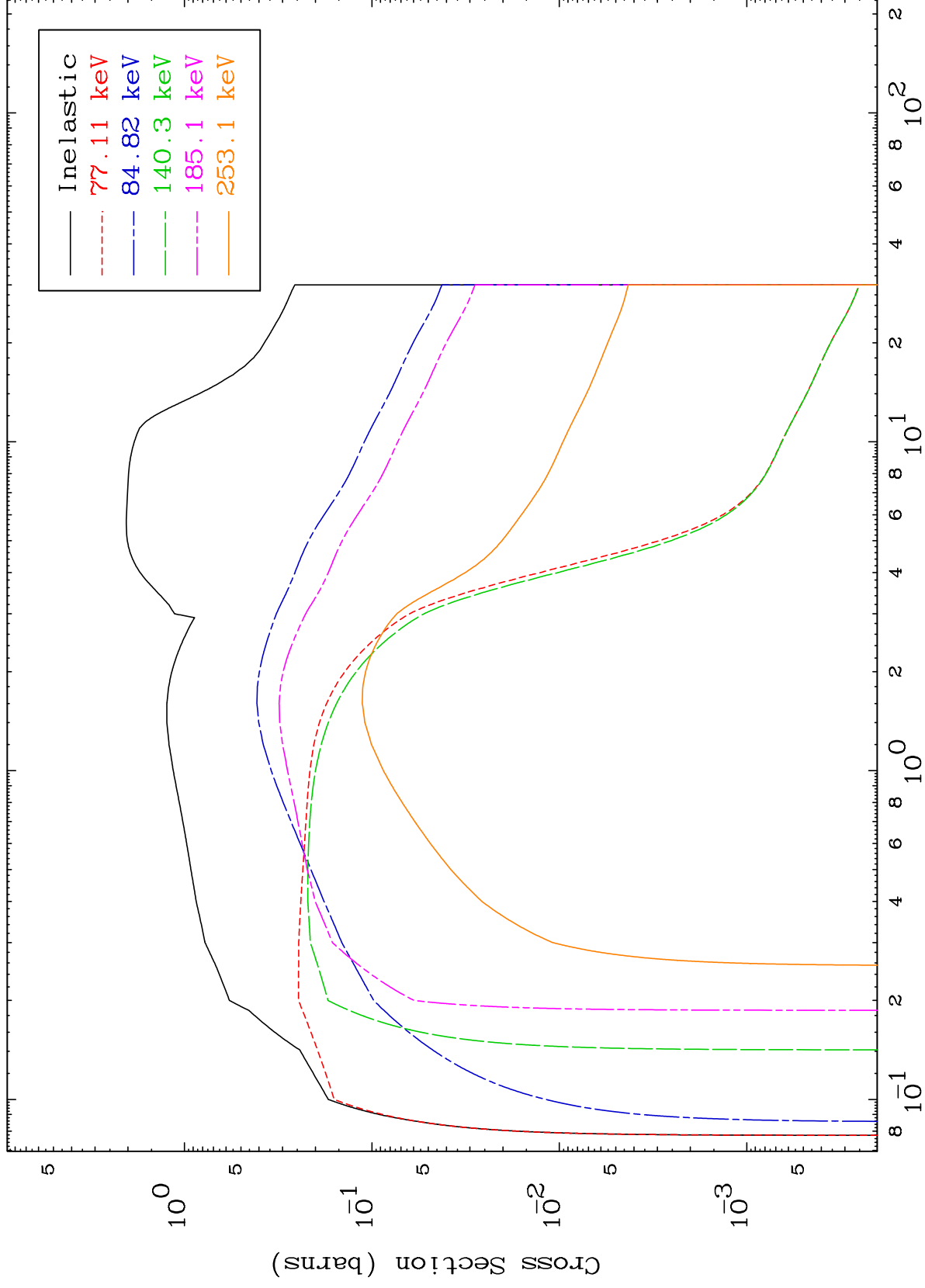
55-Cs-125



MAT 5501

(n,n') Level  
293 Kelvin Cross Sections

55-Cs-125

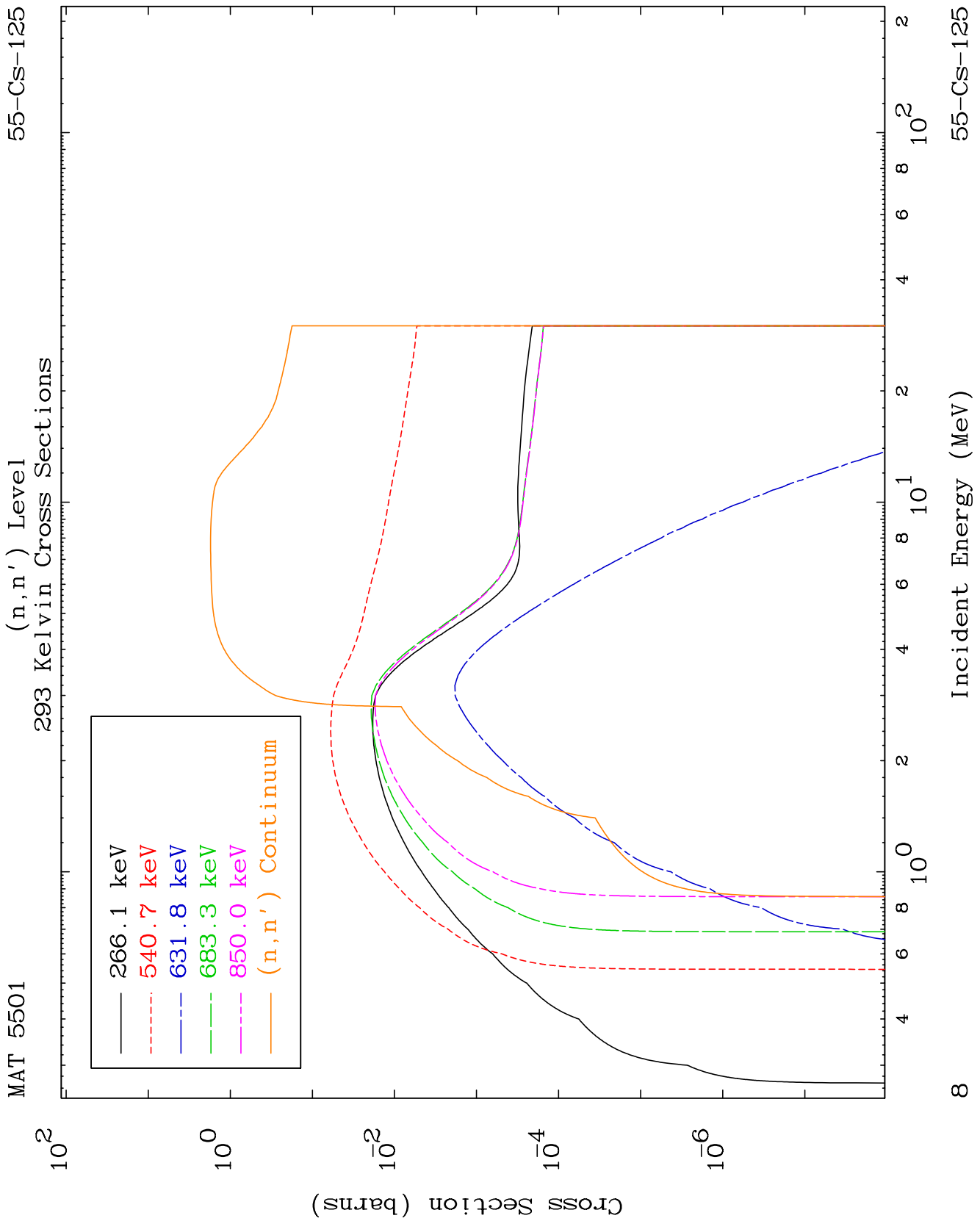


7

Incident Energy (MeV)

55-Cs-125

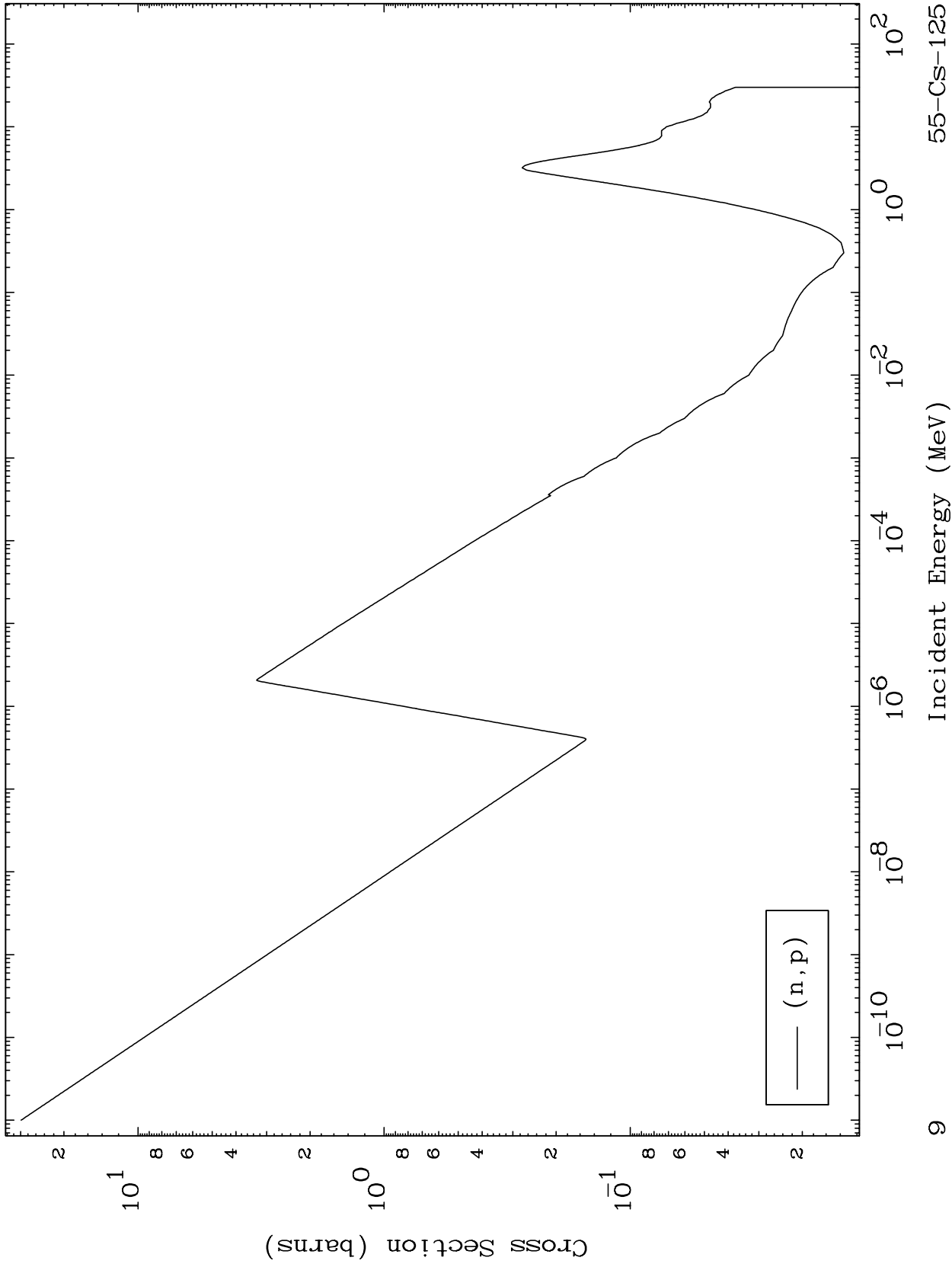




MAT 5501

(n,p) Levels  
293 Kelvin Cross Sections

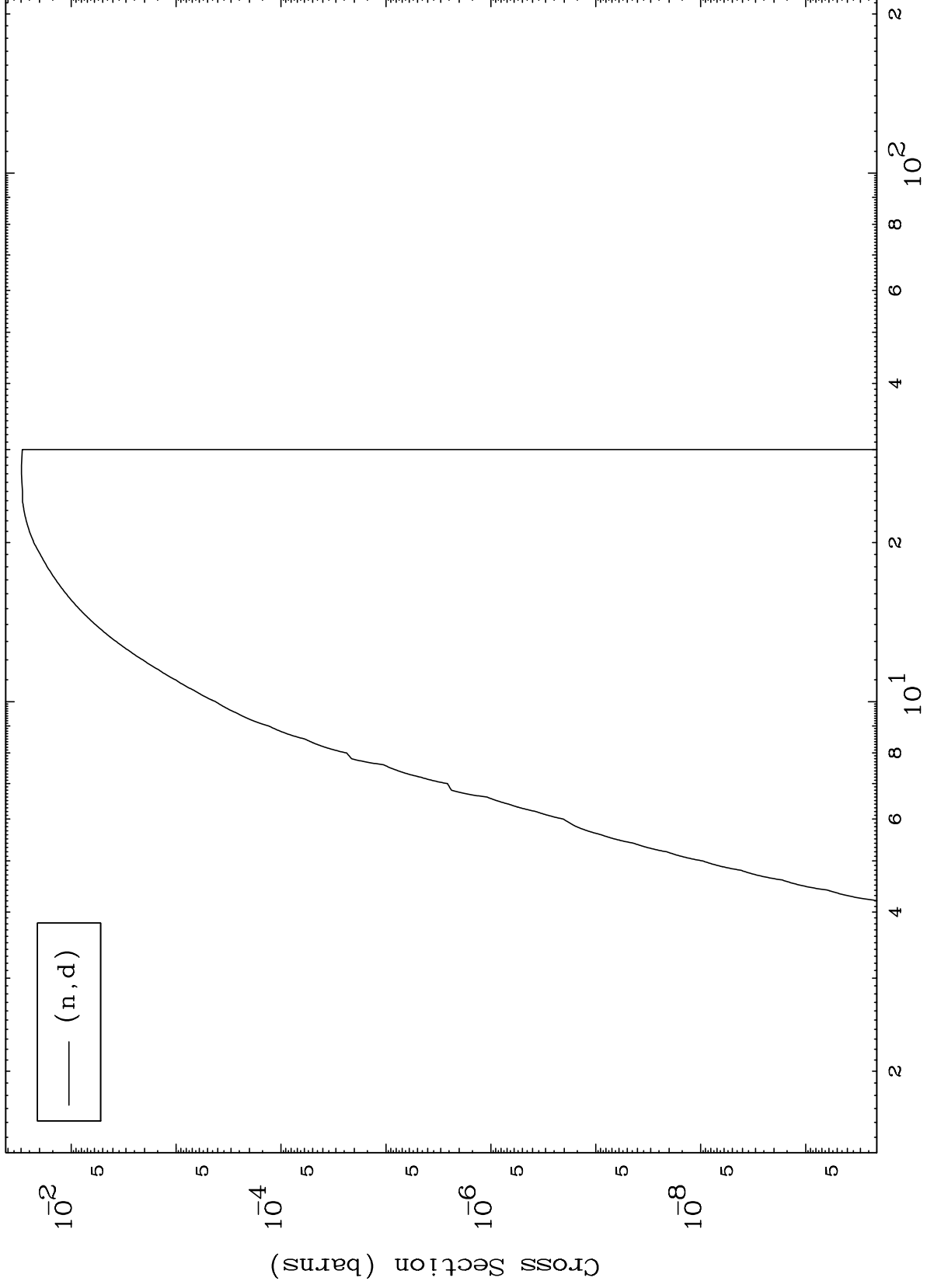
55-Cs-125



MAT 5501

(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-125



10

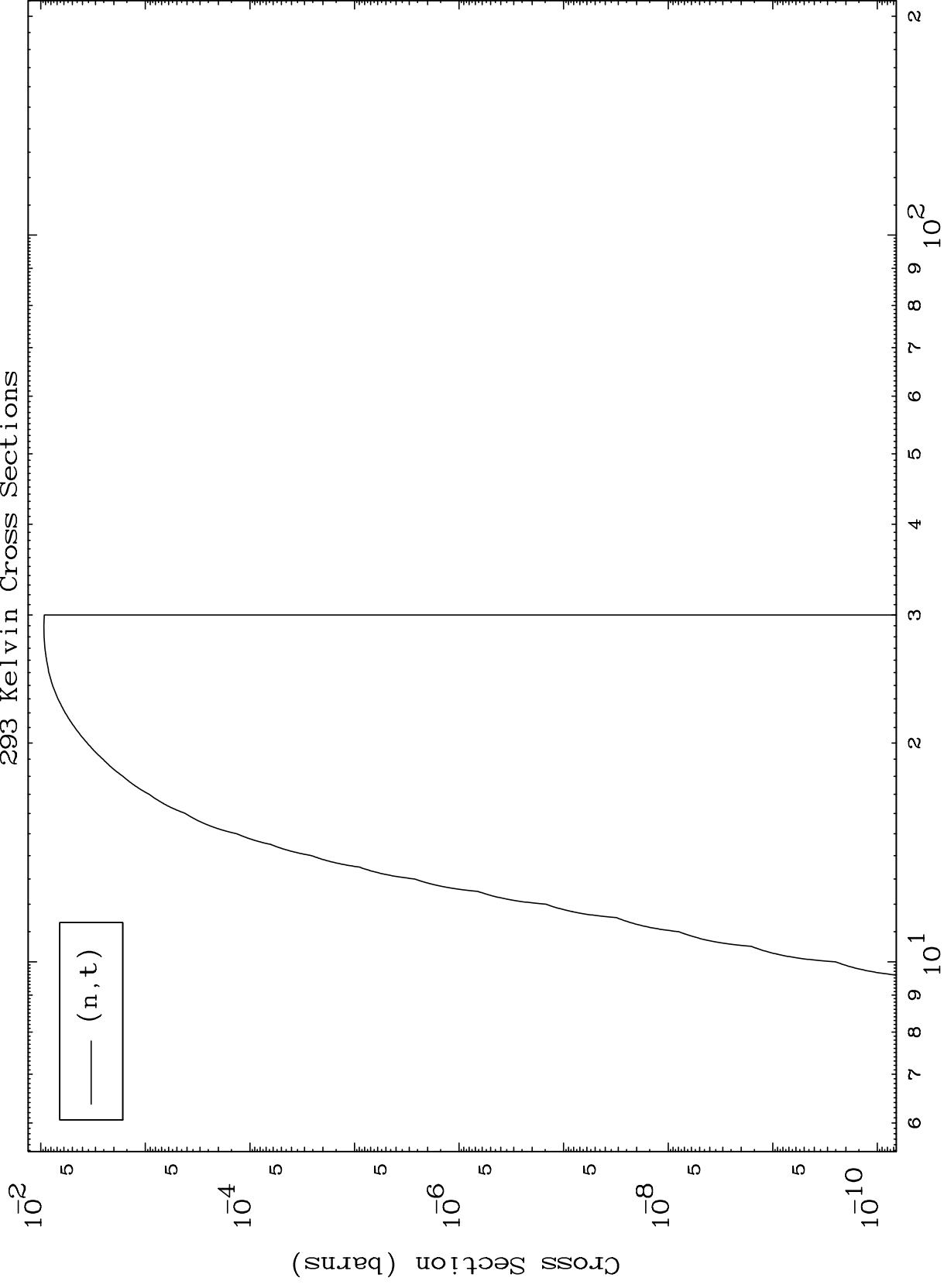
Incident Energy (MeV)

55-Cs-125

MAT 5501

(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-125



11

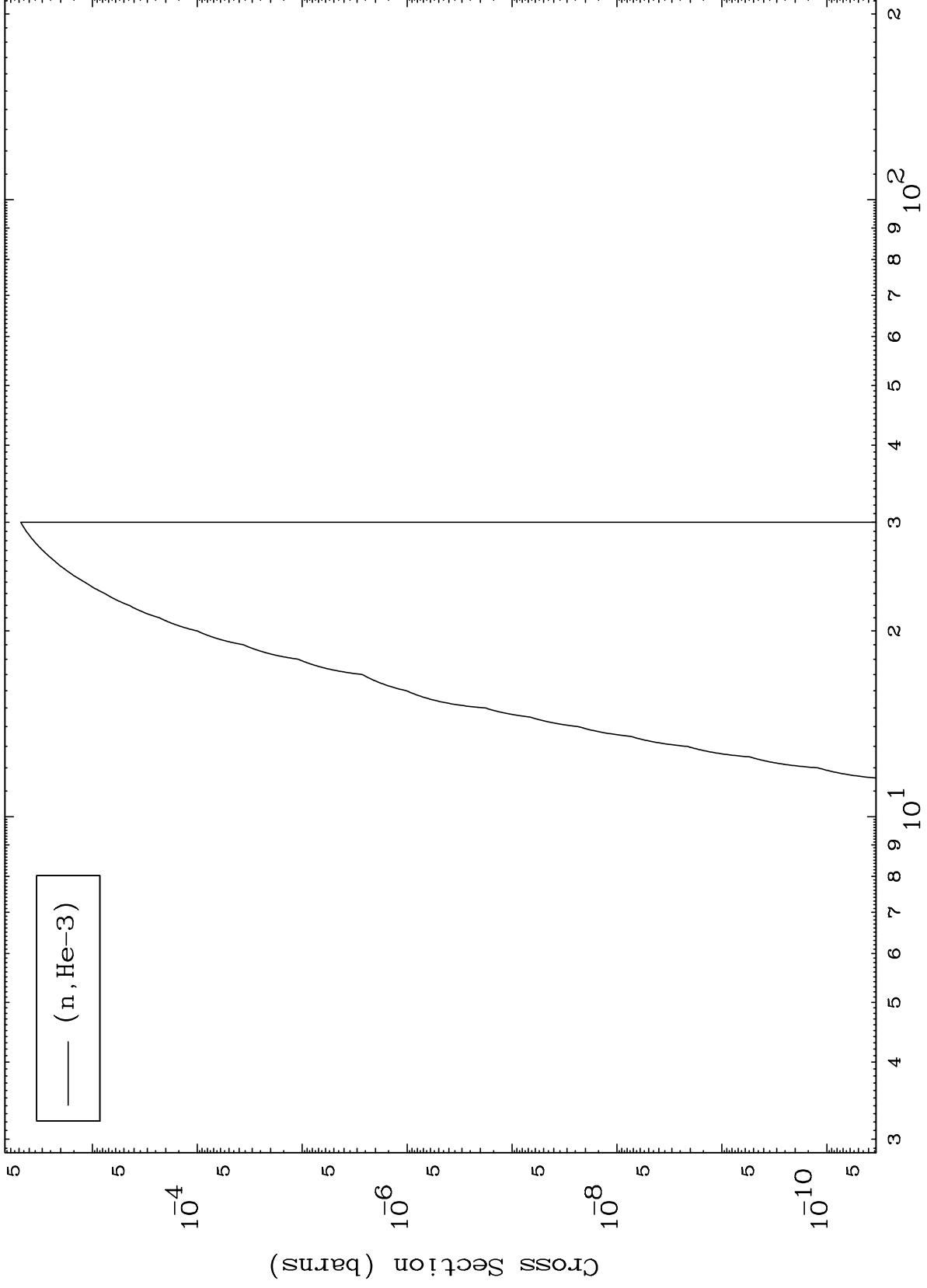
Incident Energy (MeV)

55-Cs-125

MAT 5501

(n,He3) Levels  
293 Kelvin Cross Sections

55-Cs-125



12

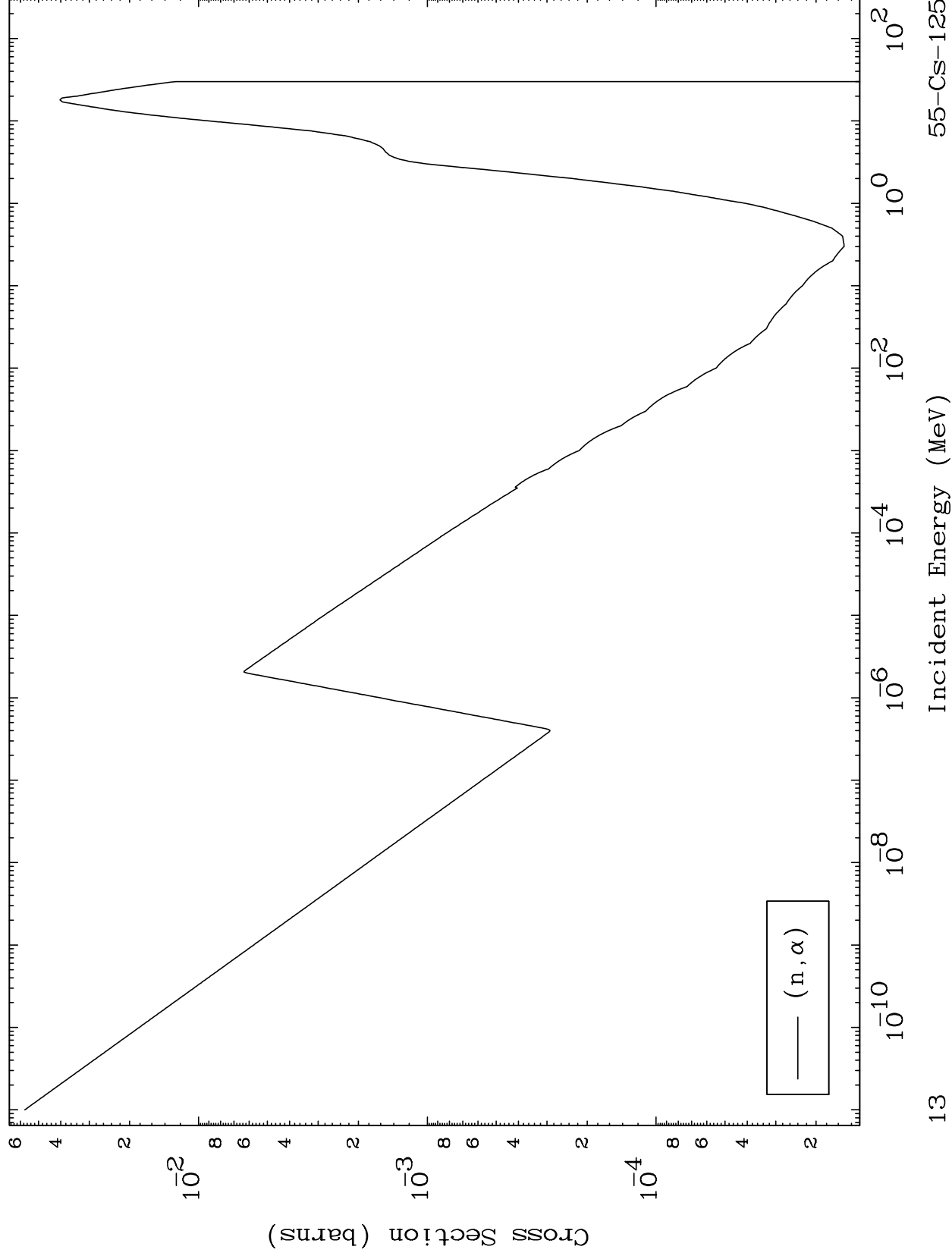
Incident Energy (MeV)

55-Cs-125

MAT 5501

(n,α) Levels  
293 Kelvin Cross Sections

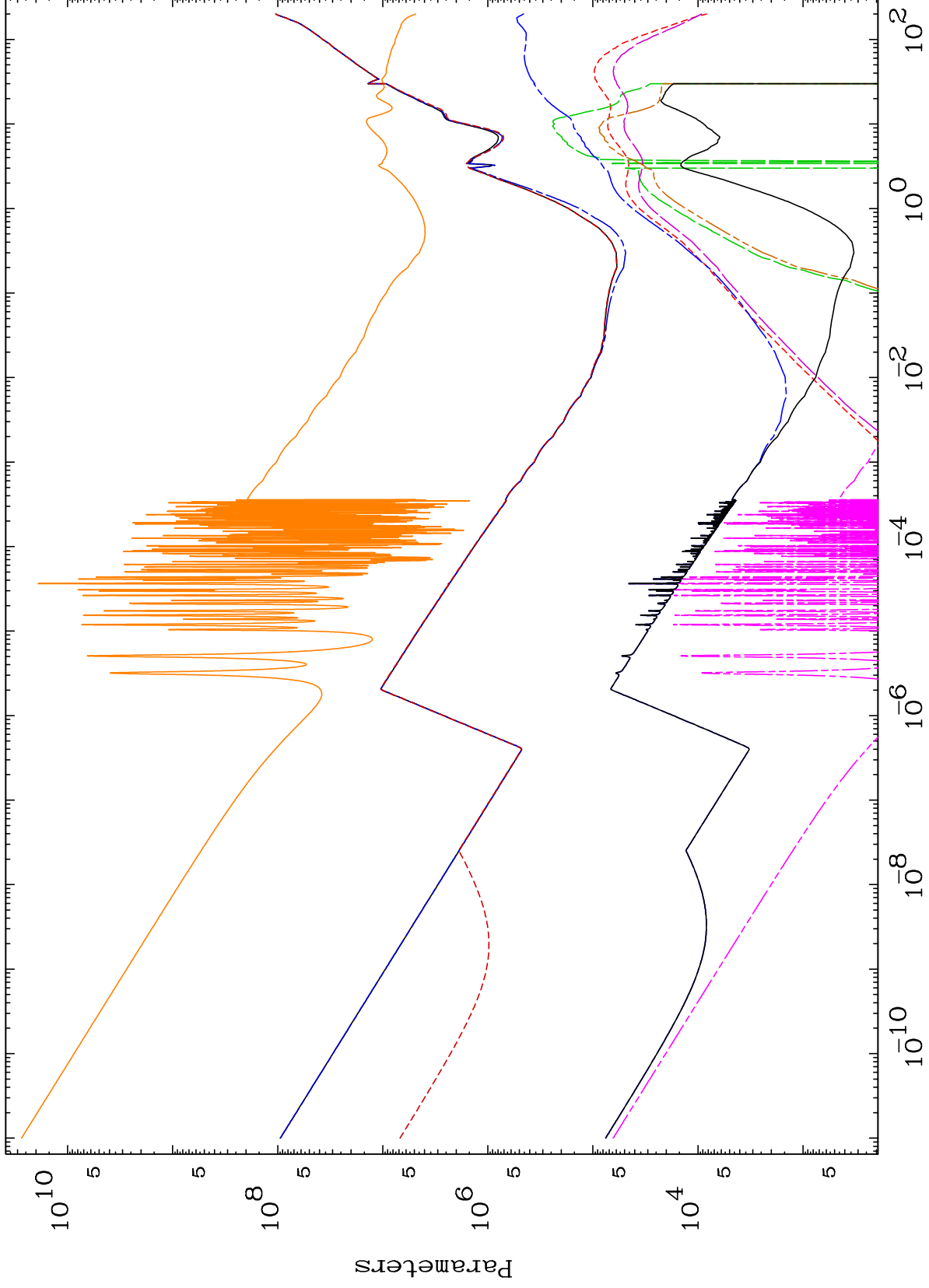
55-Cs-125



MAT 5501

Energy Release  
Parameters

55-Cs-125

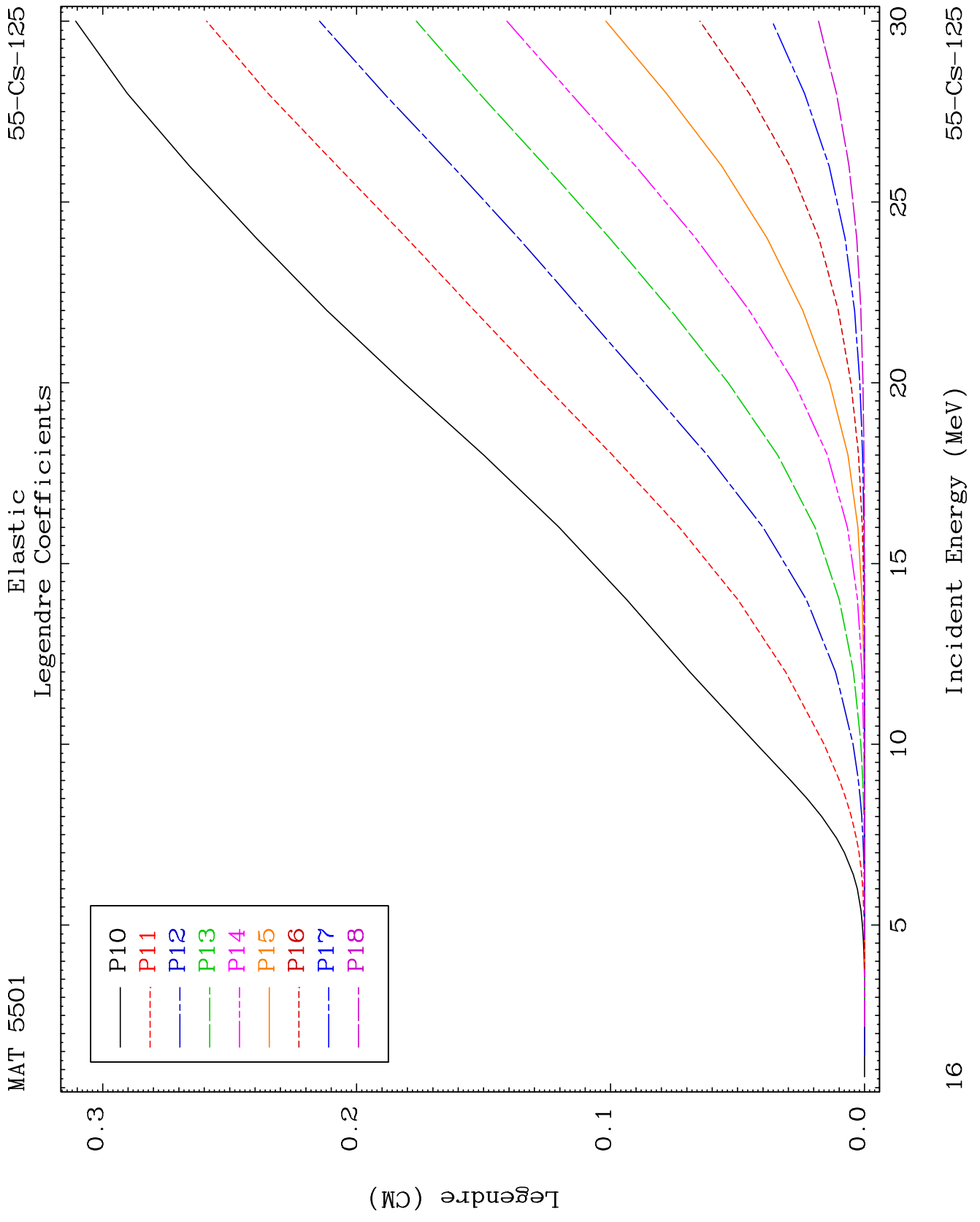


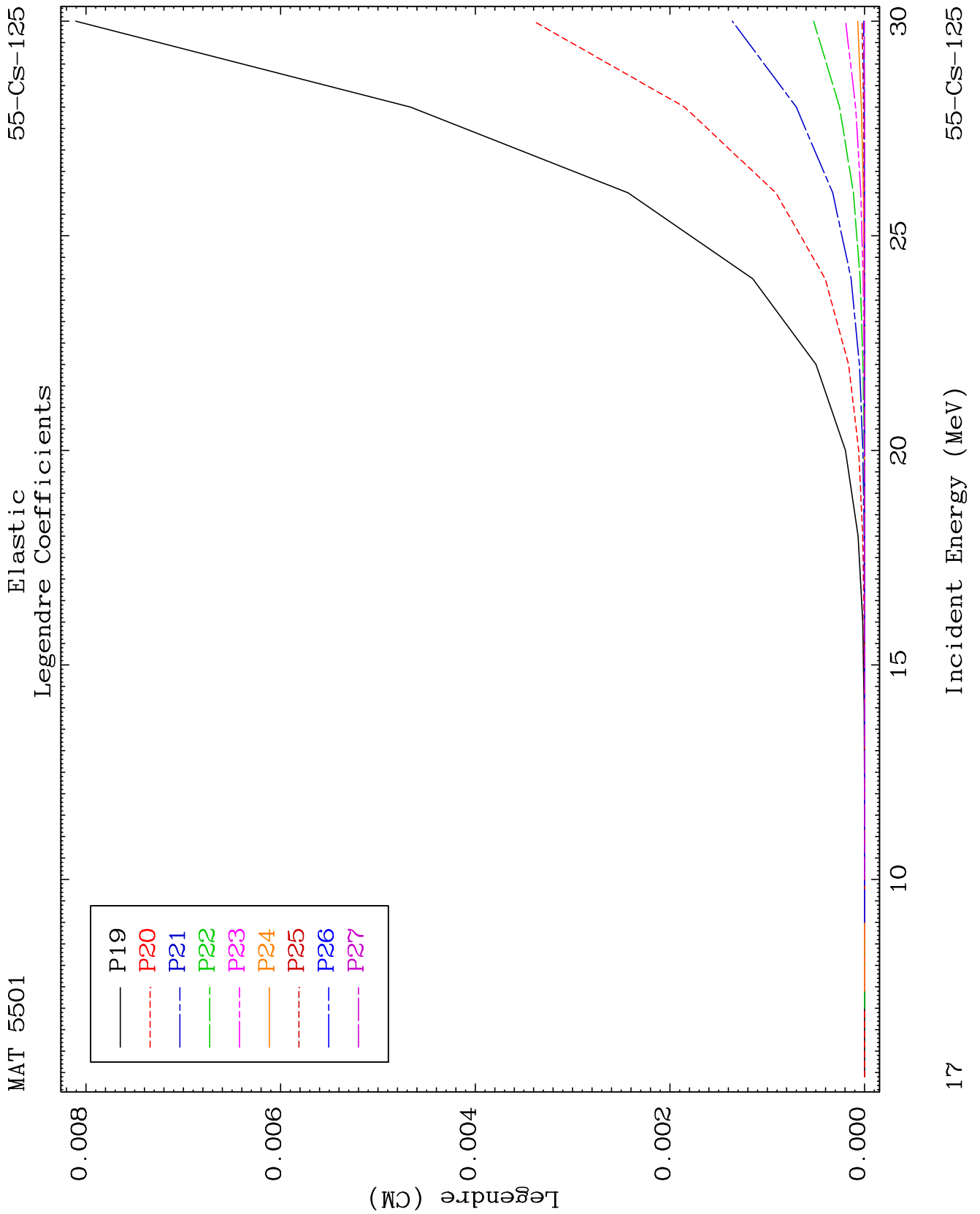
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55-Cs-125





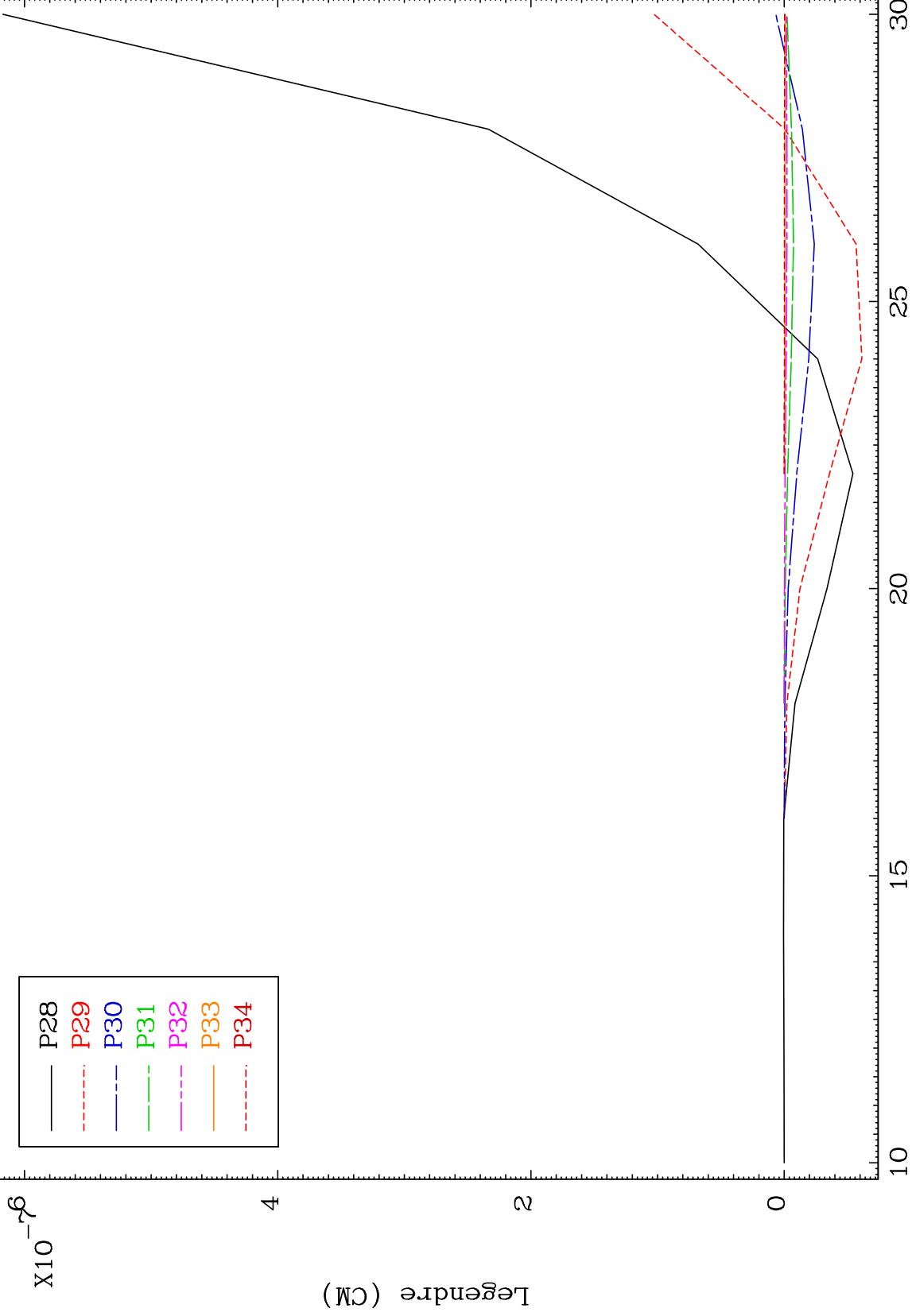




MAT 5501

Elastic Legendre Coefficients

55-Cs-125

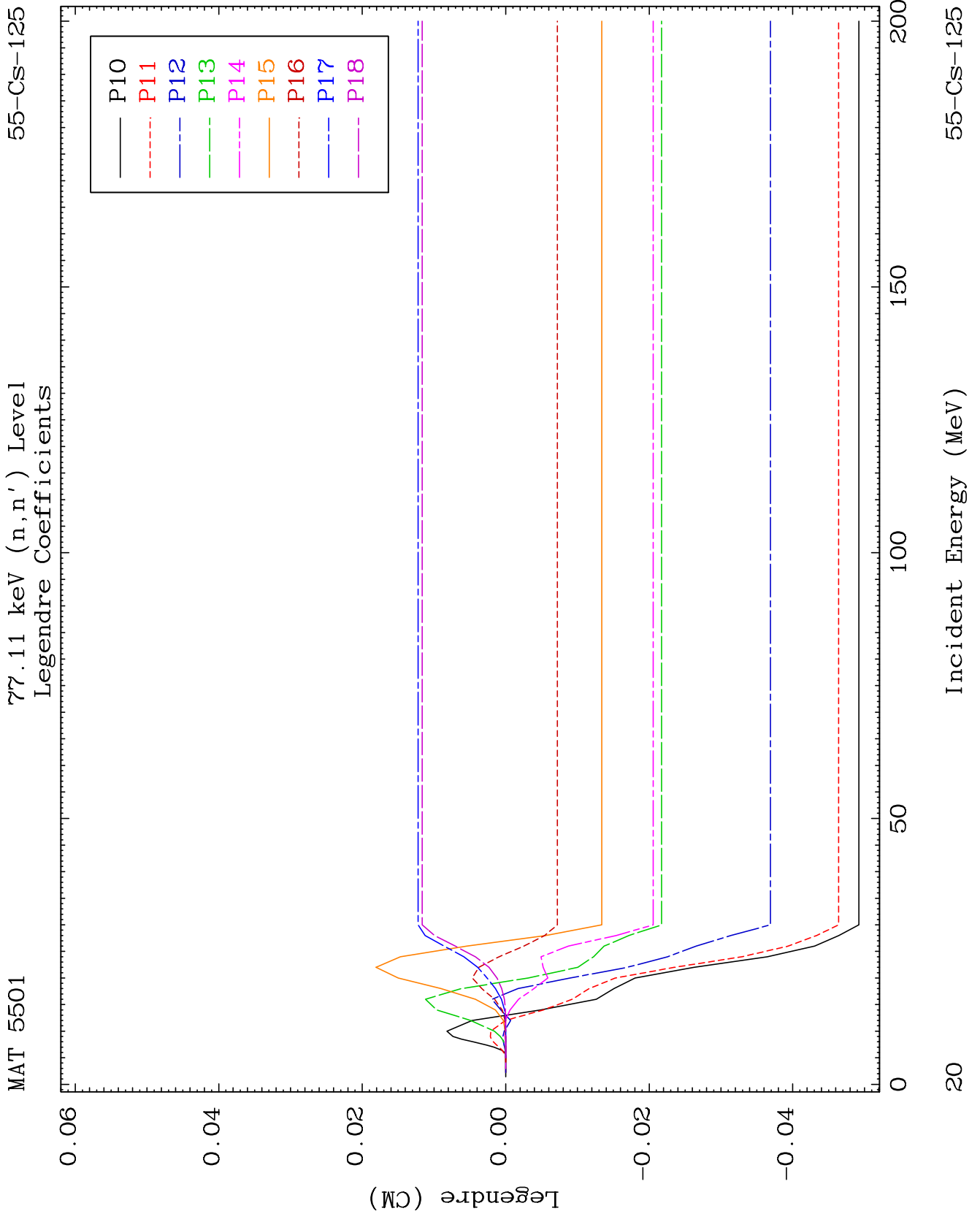


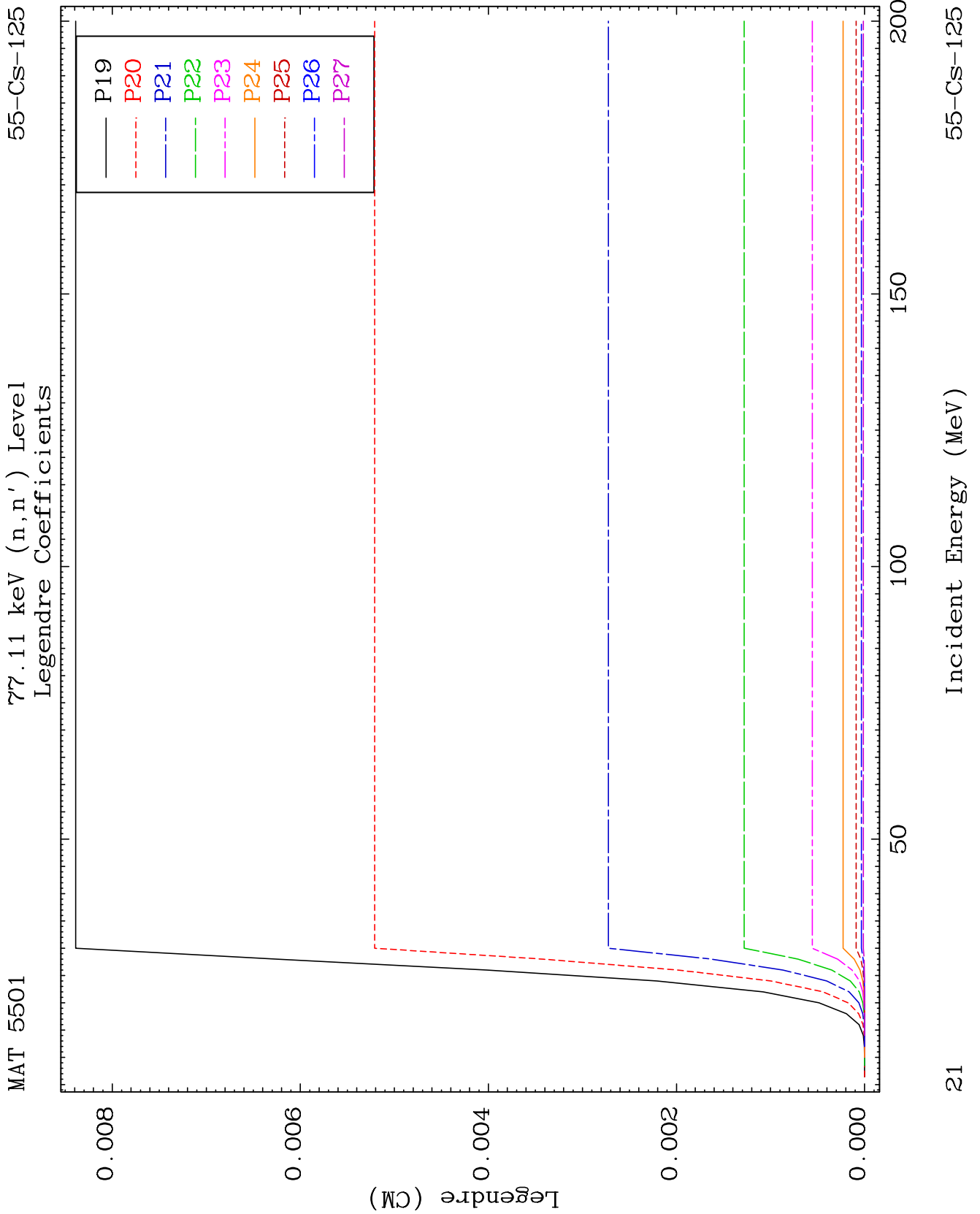
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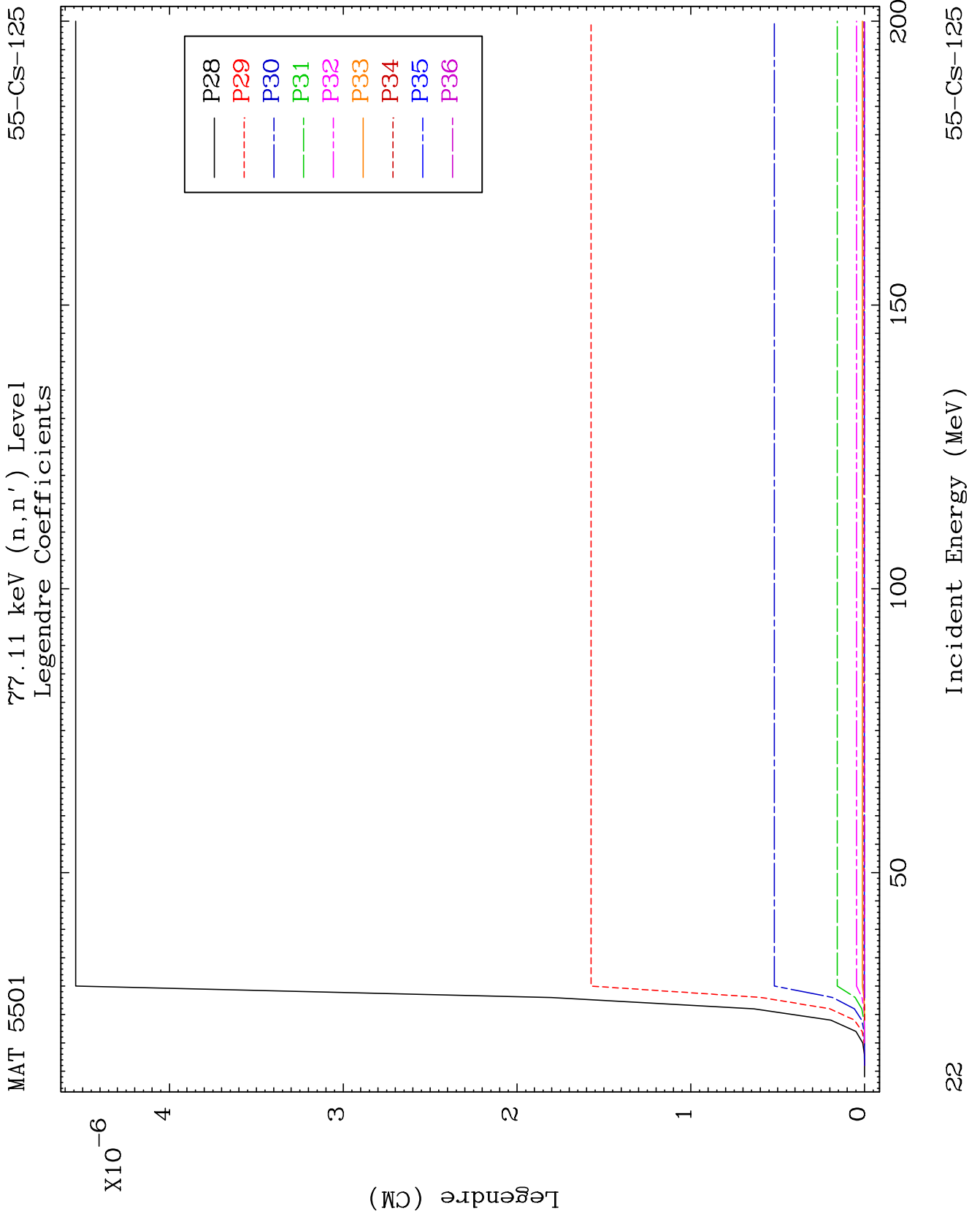
Incident Energy (MeV)

55-Cs-125



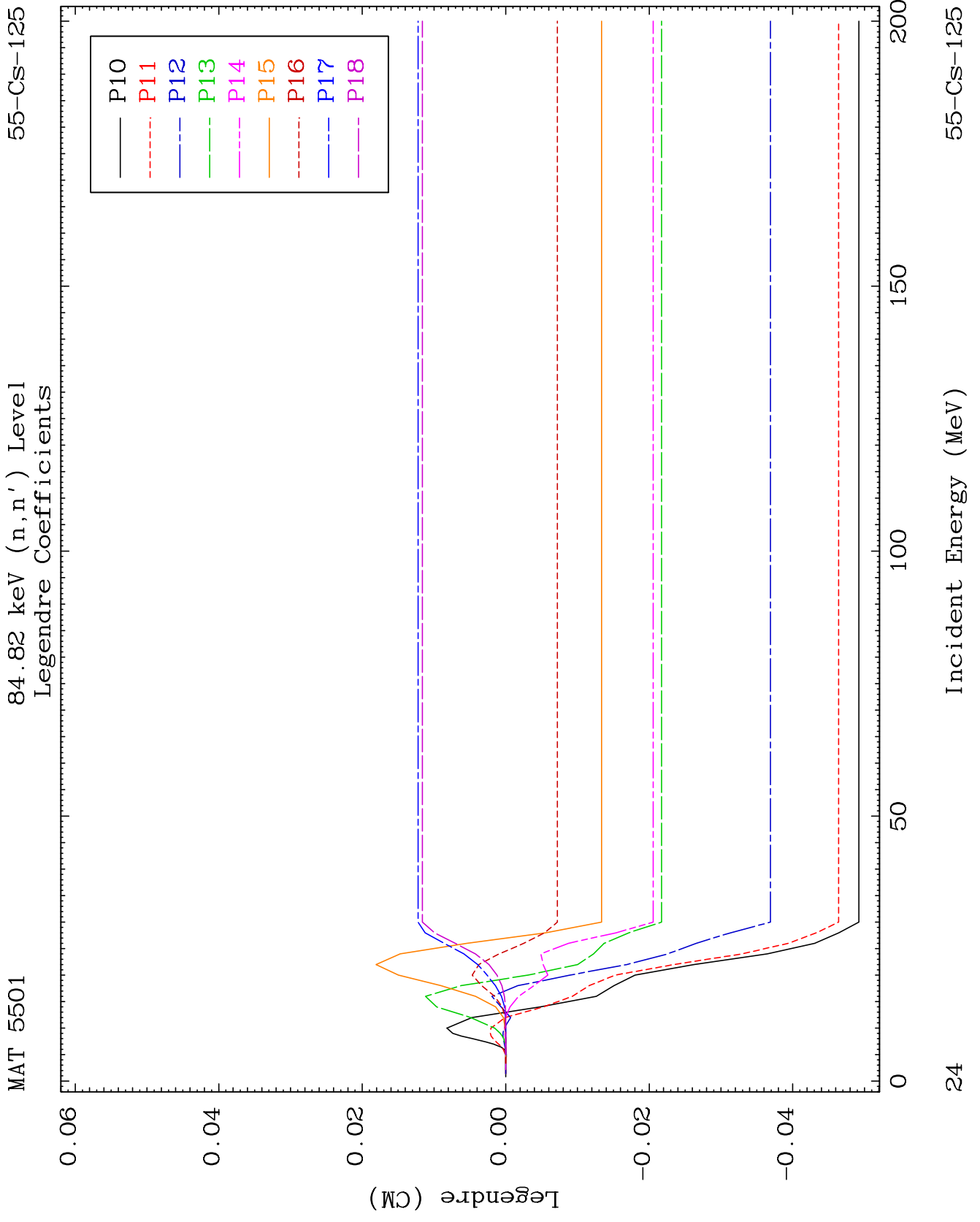


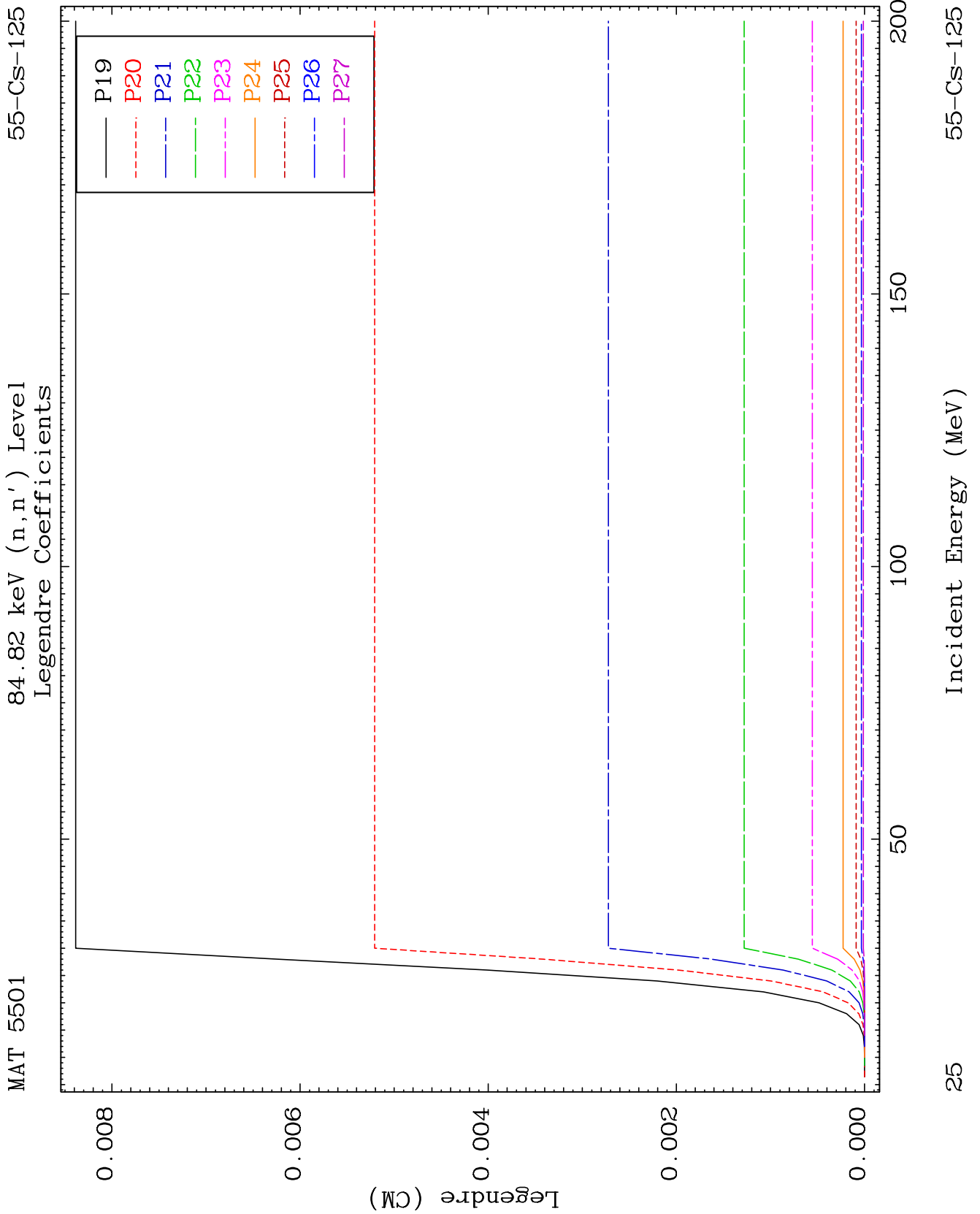


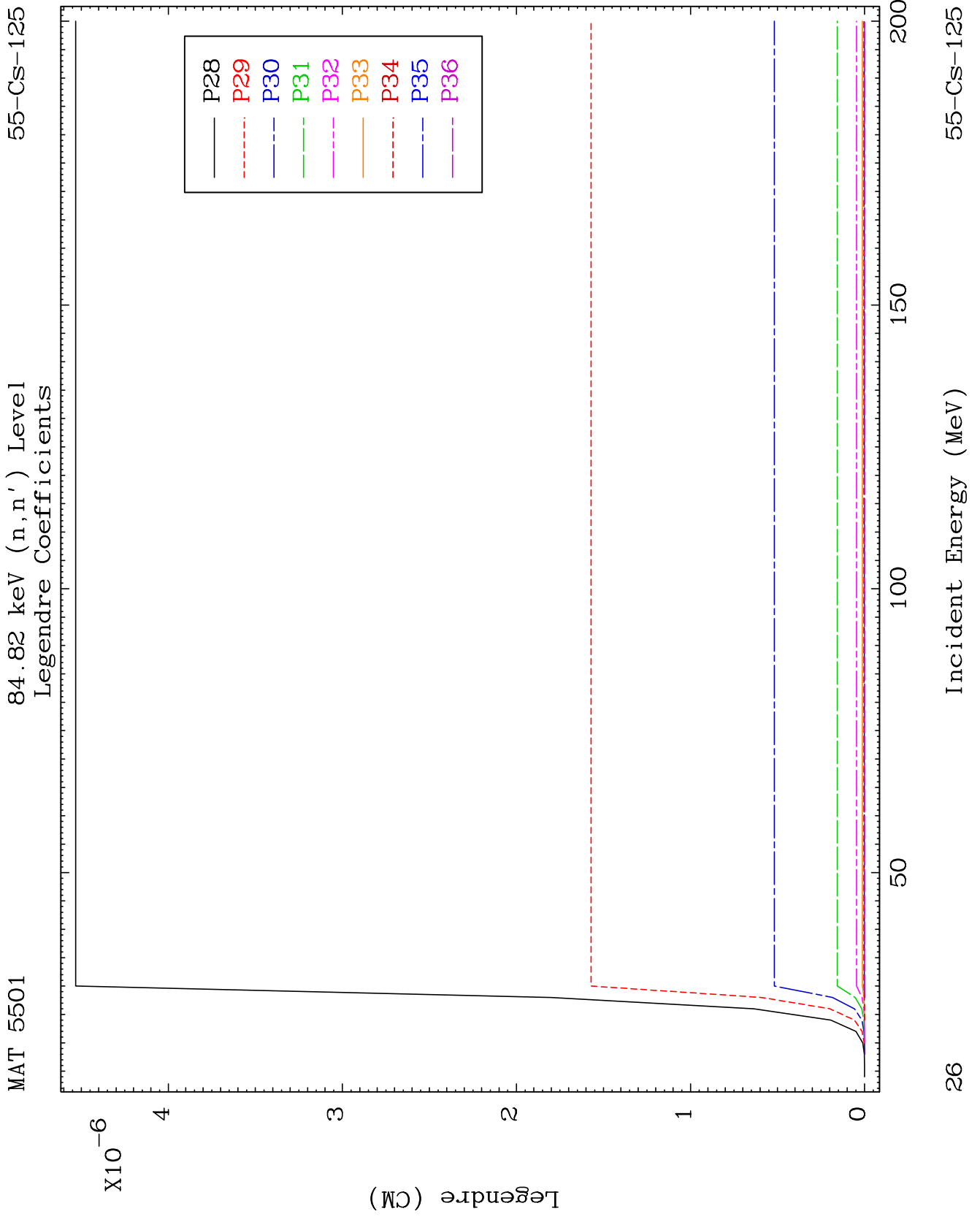


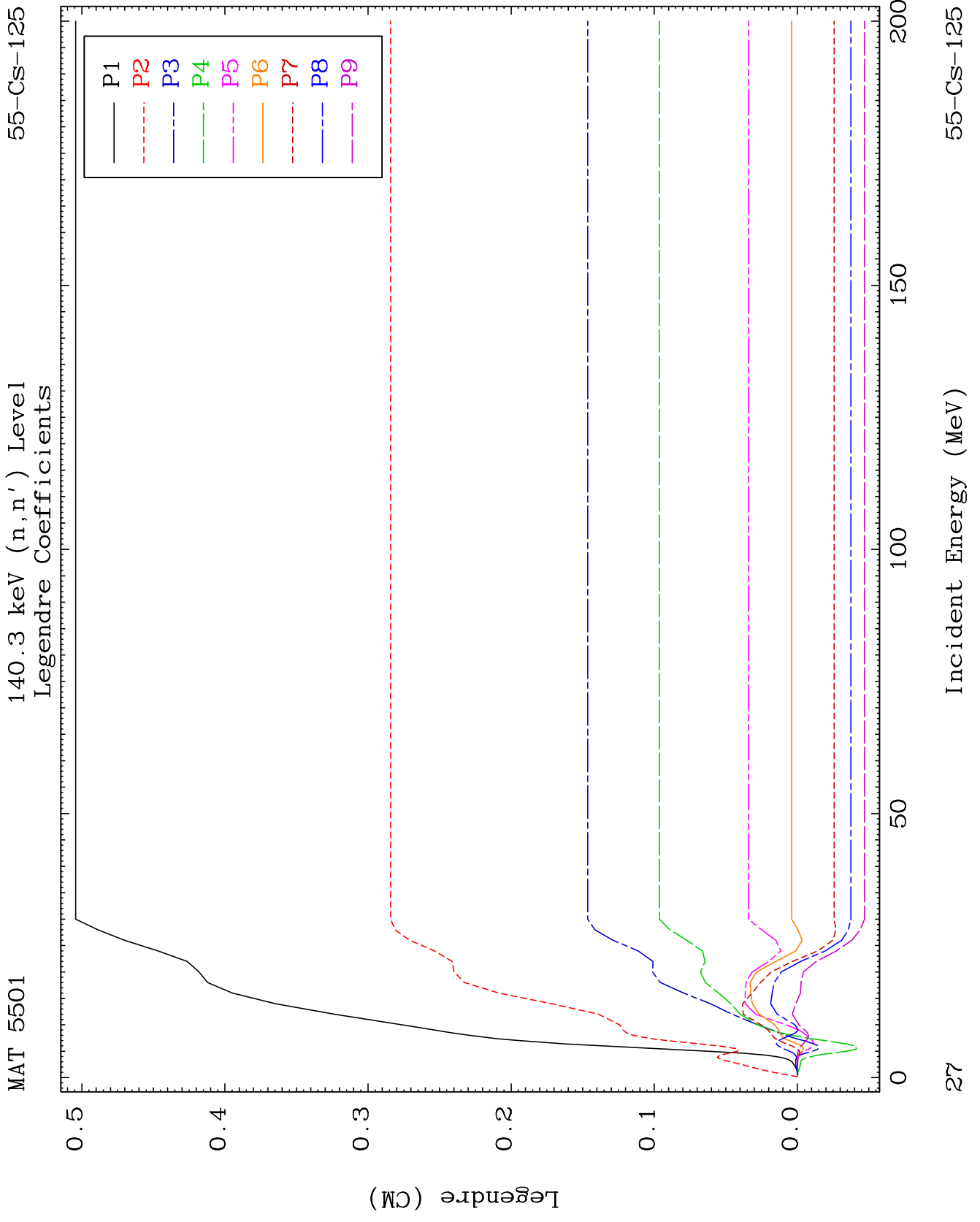


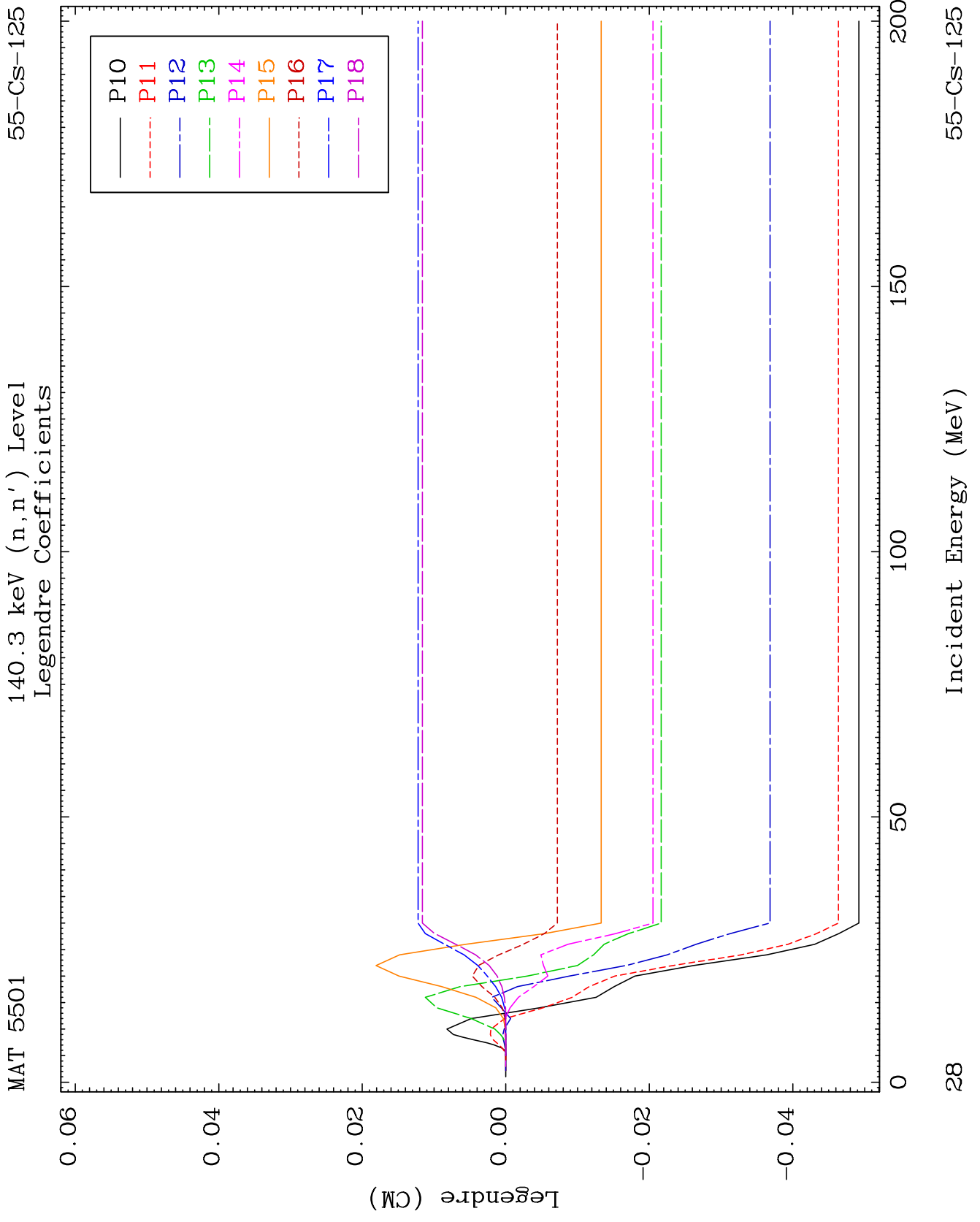


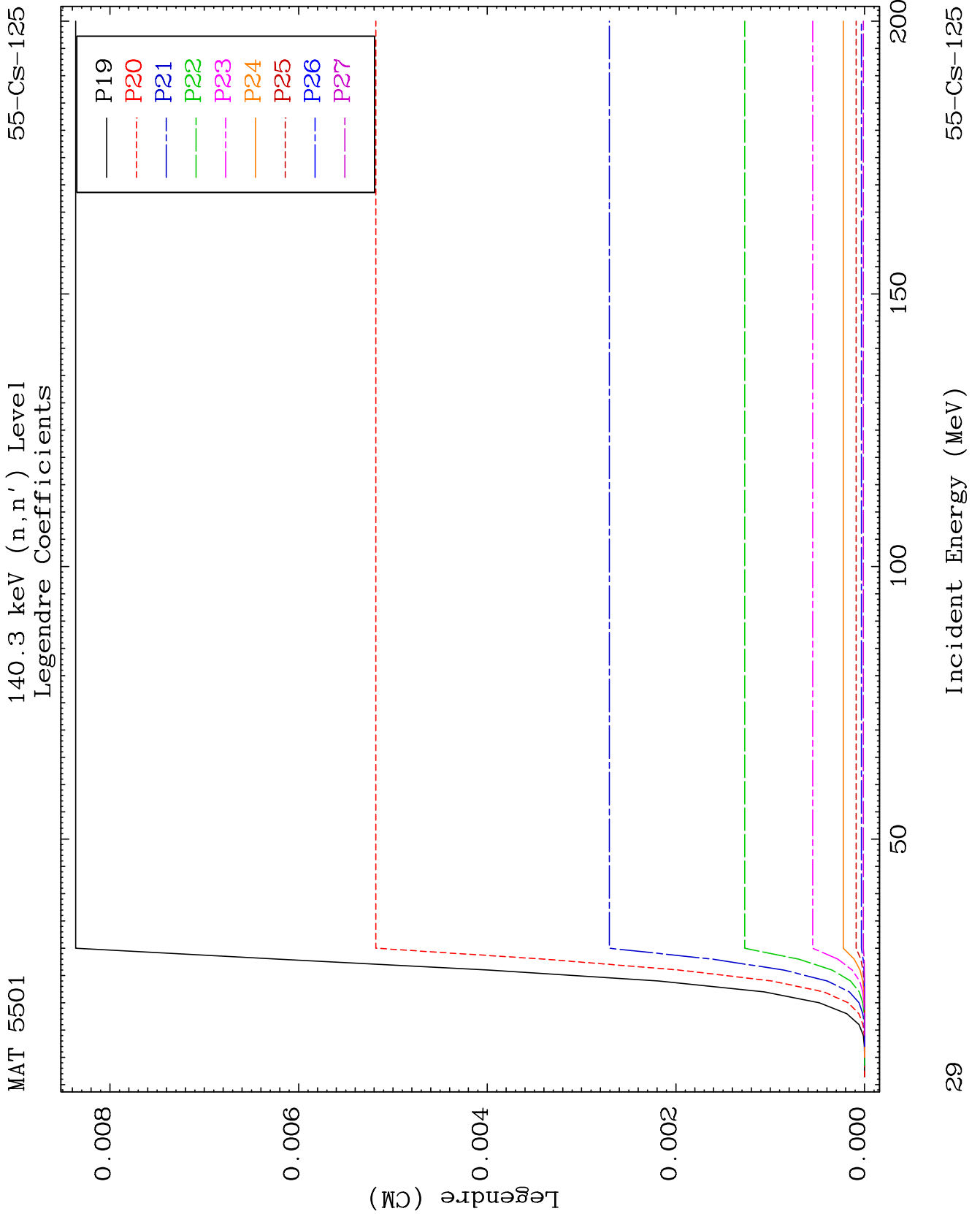










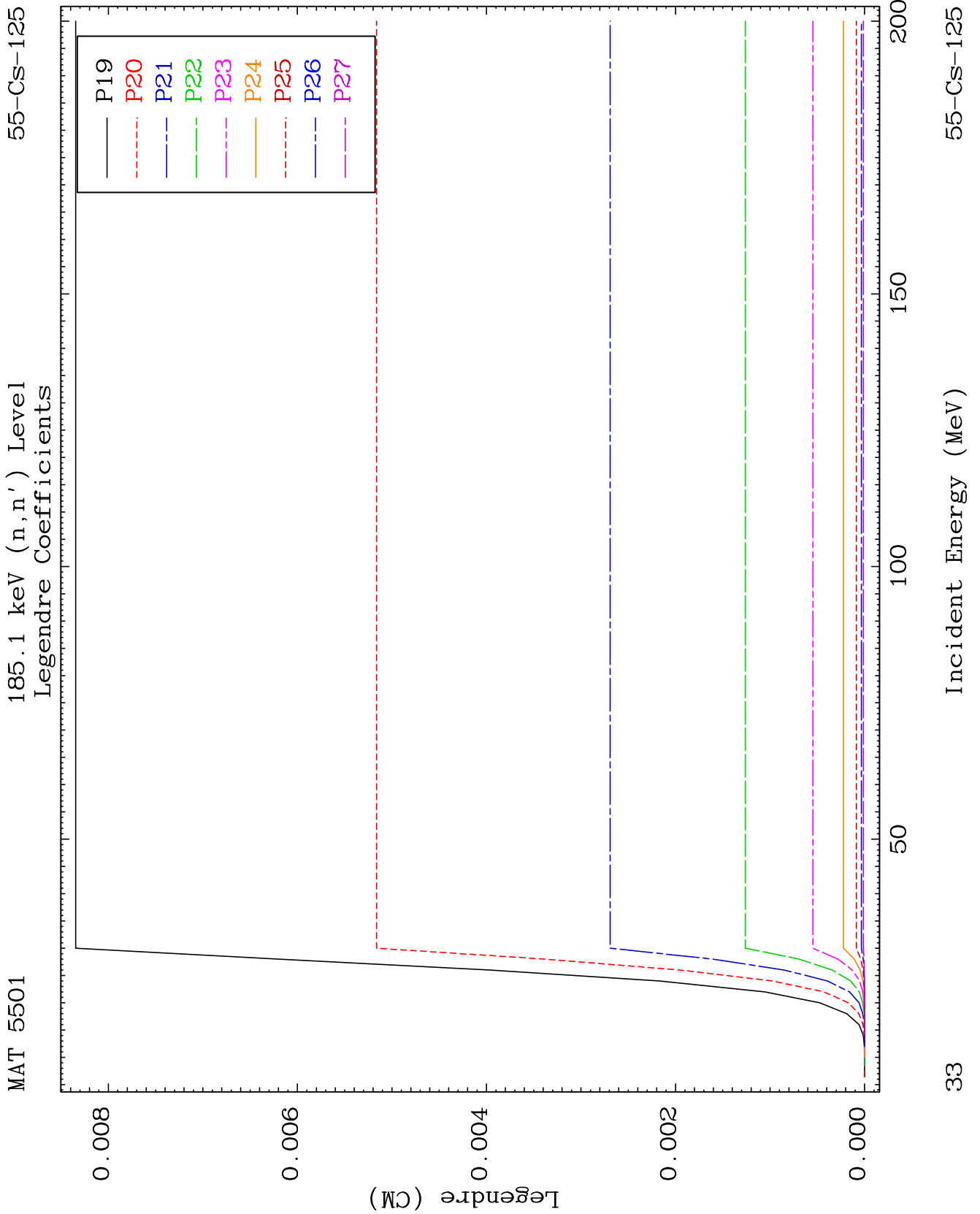


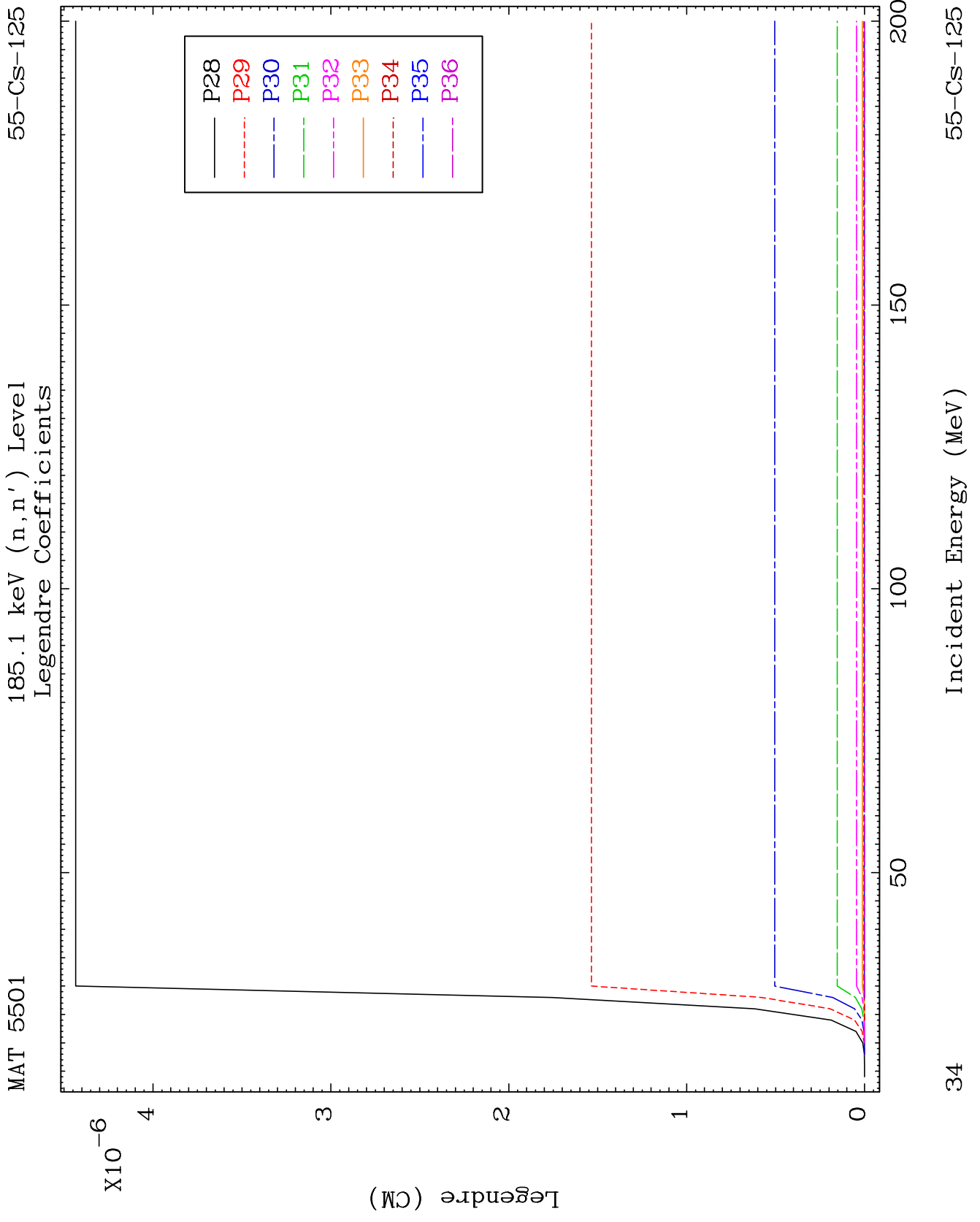




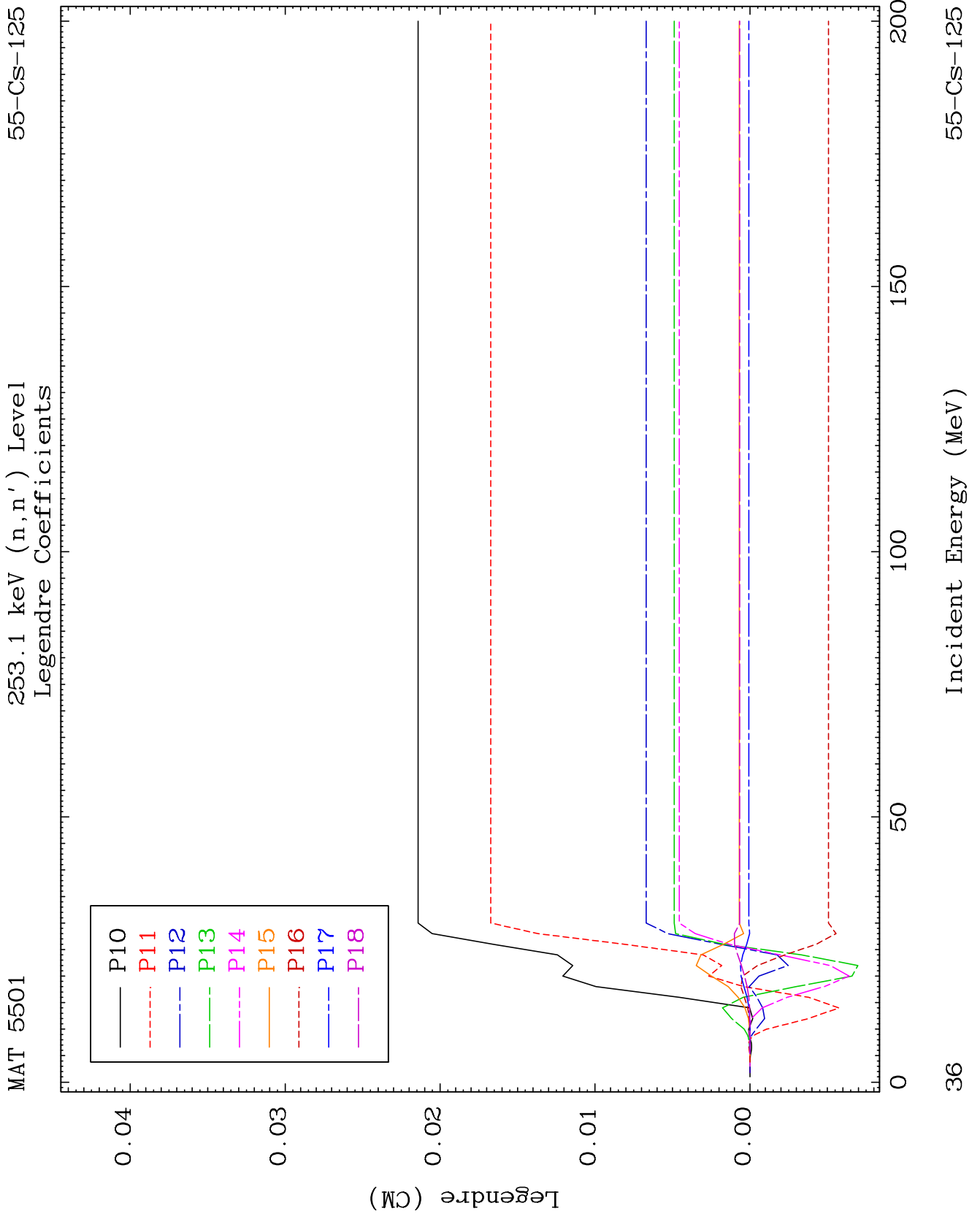


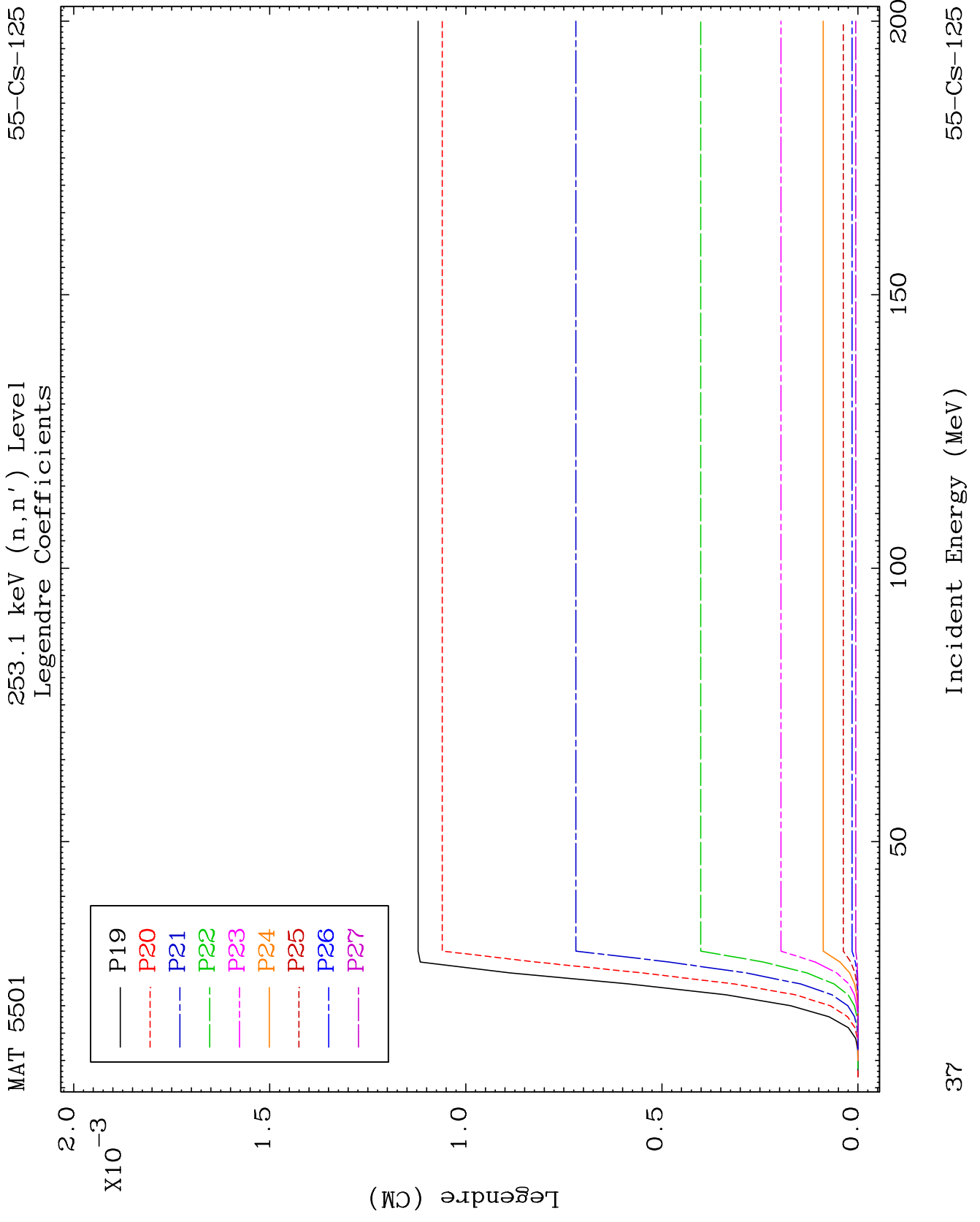


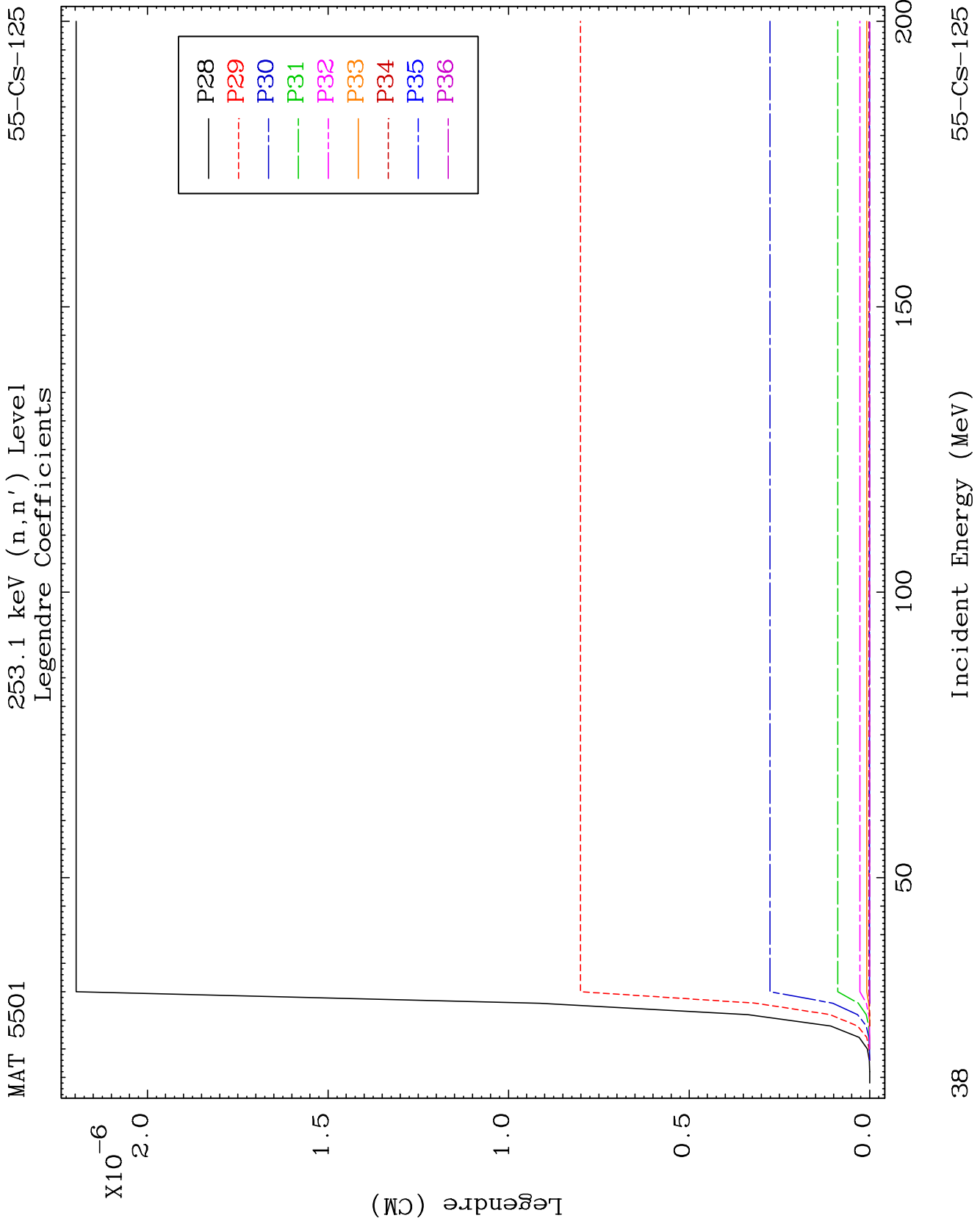








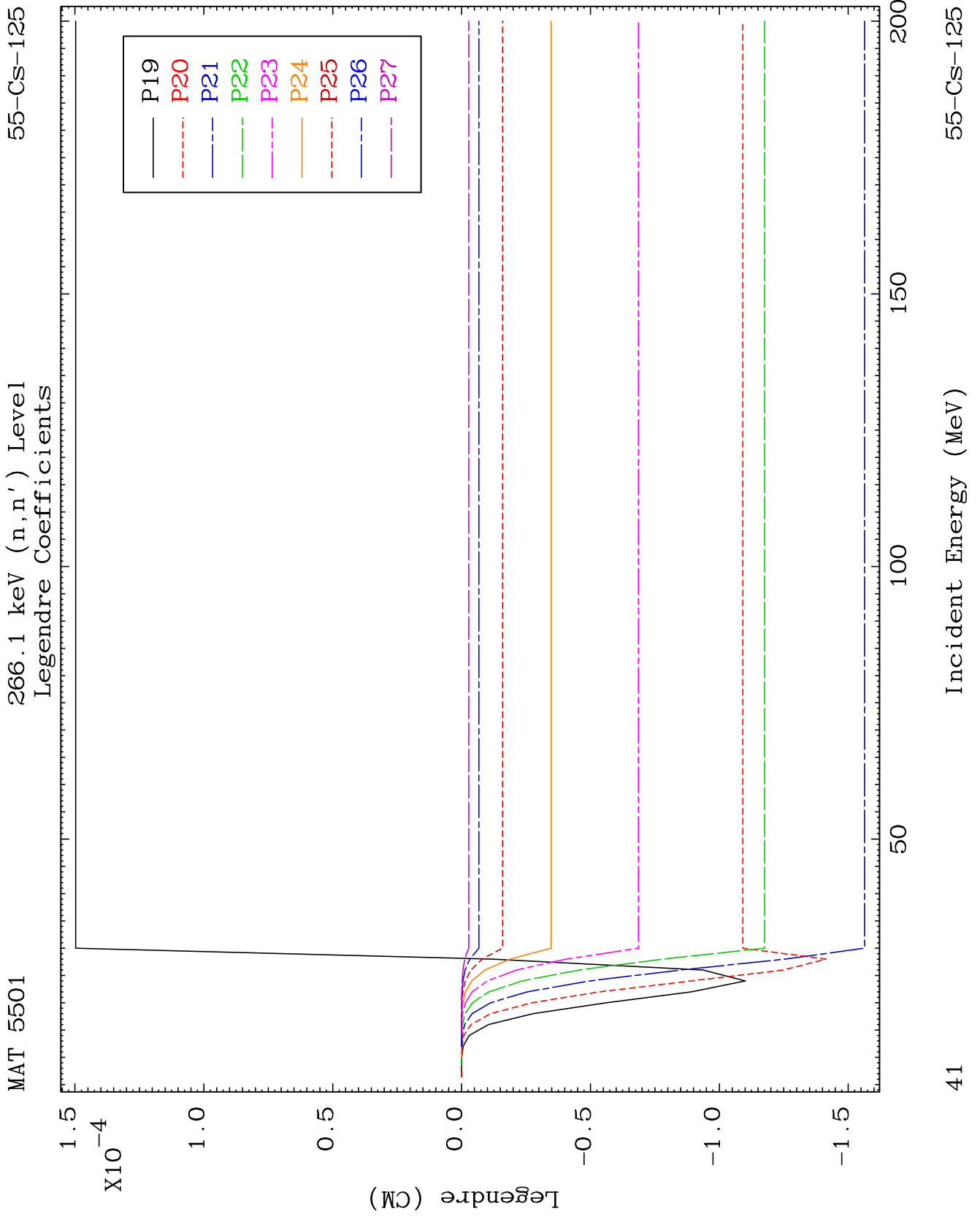


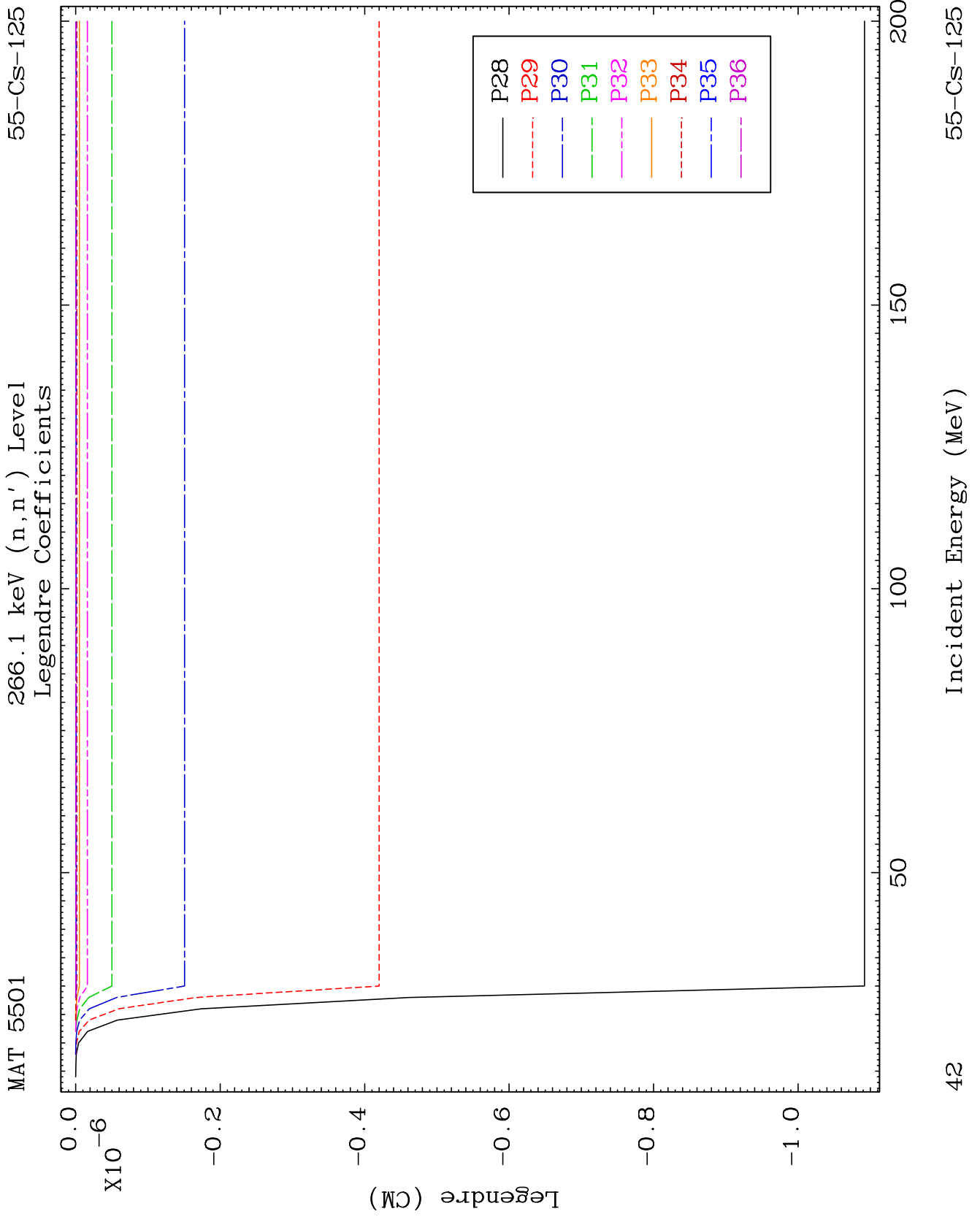










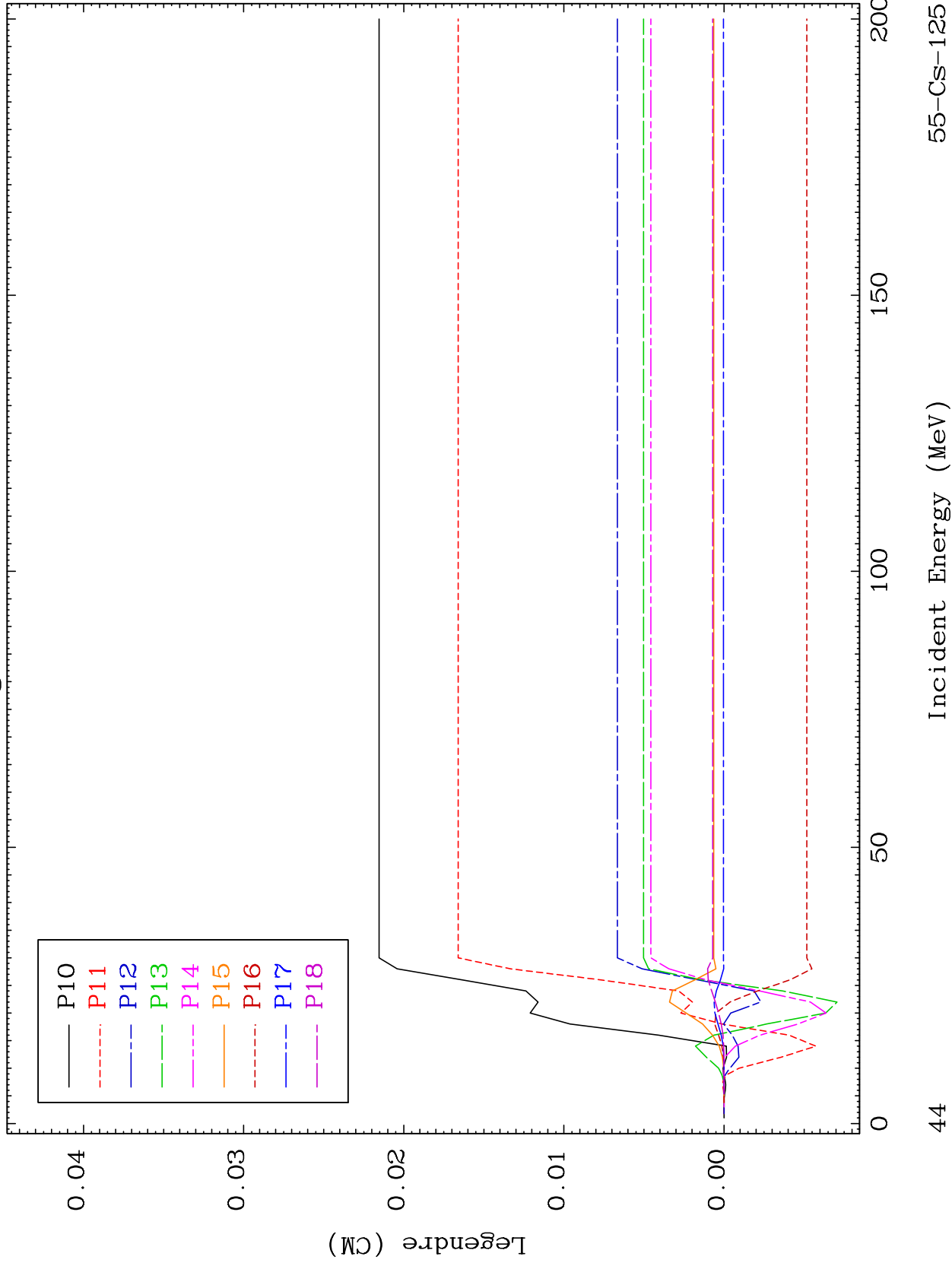




MAT 5501

540.7 keV (n,n') Level  
Legendre Coefficients

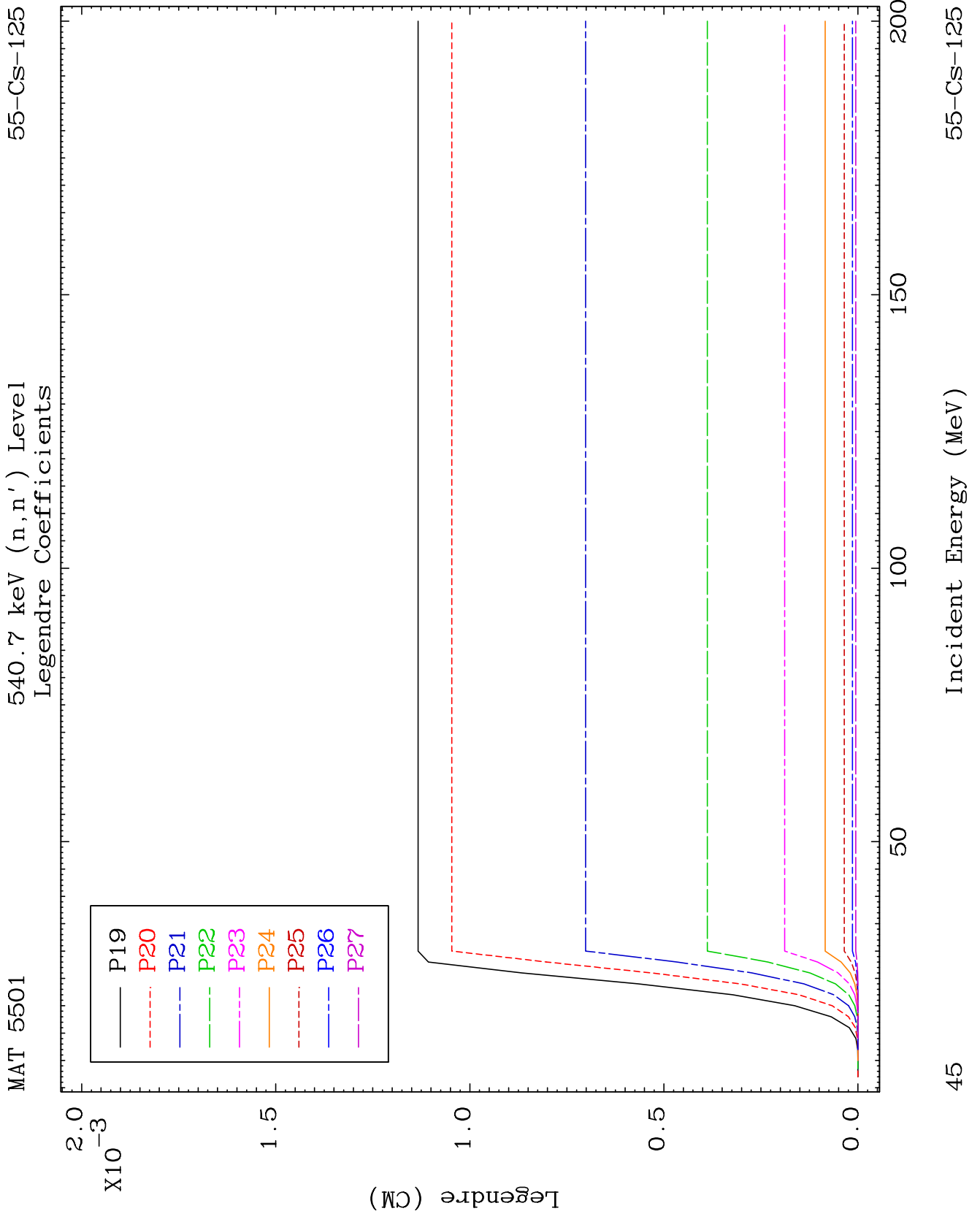
55-Cs-125

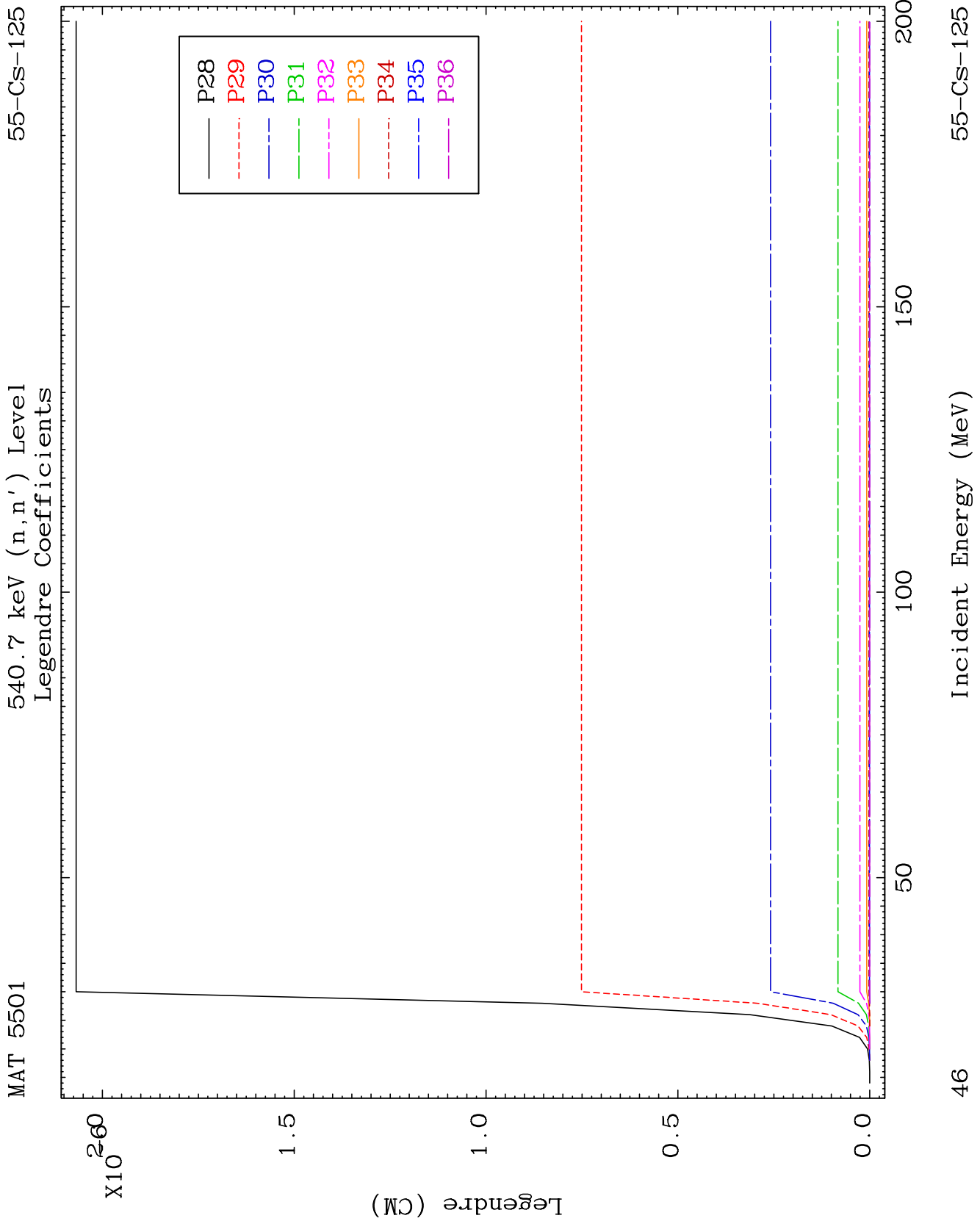


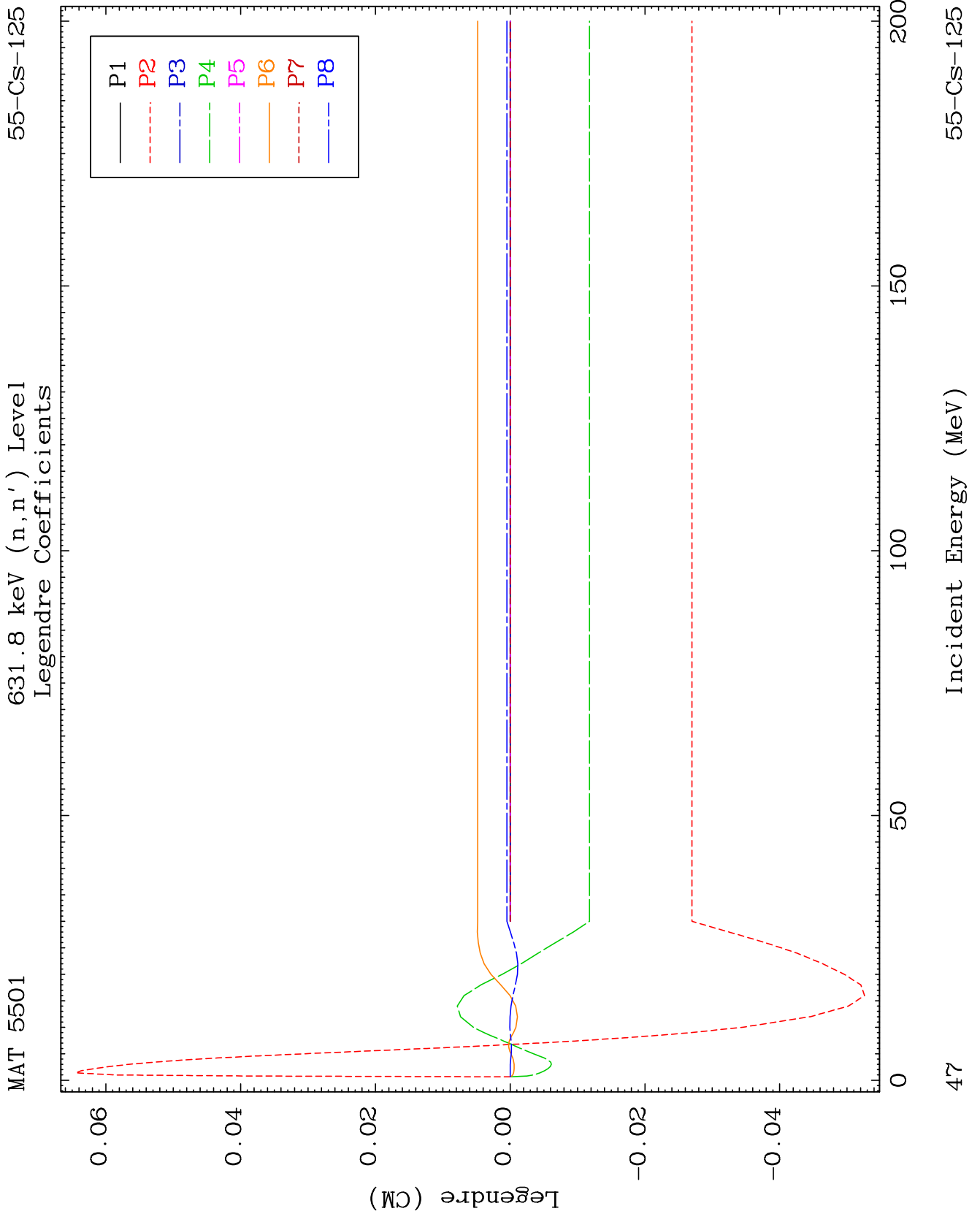
55-Cs-125

Incident Energy (MeV)

44

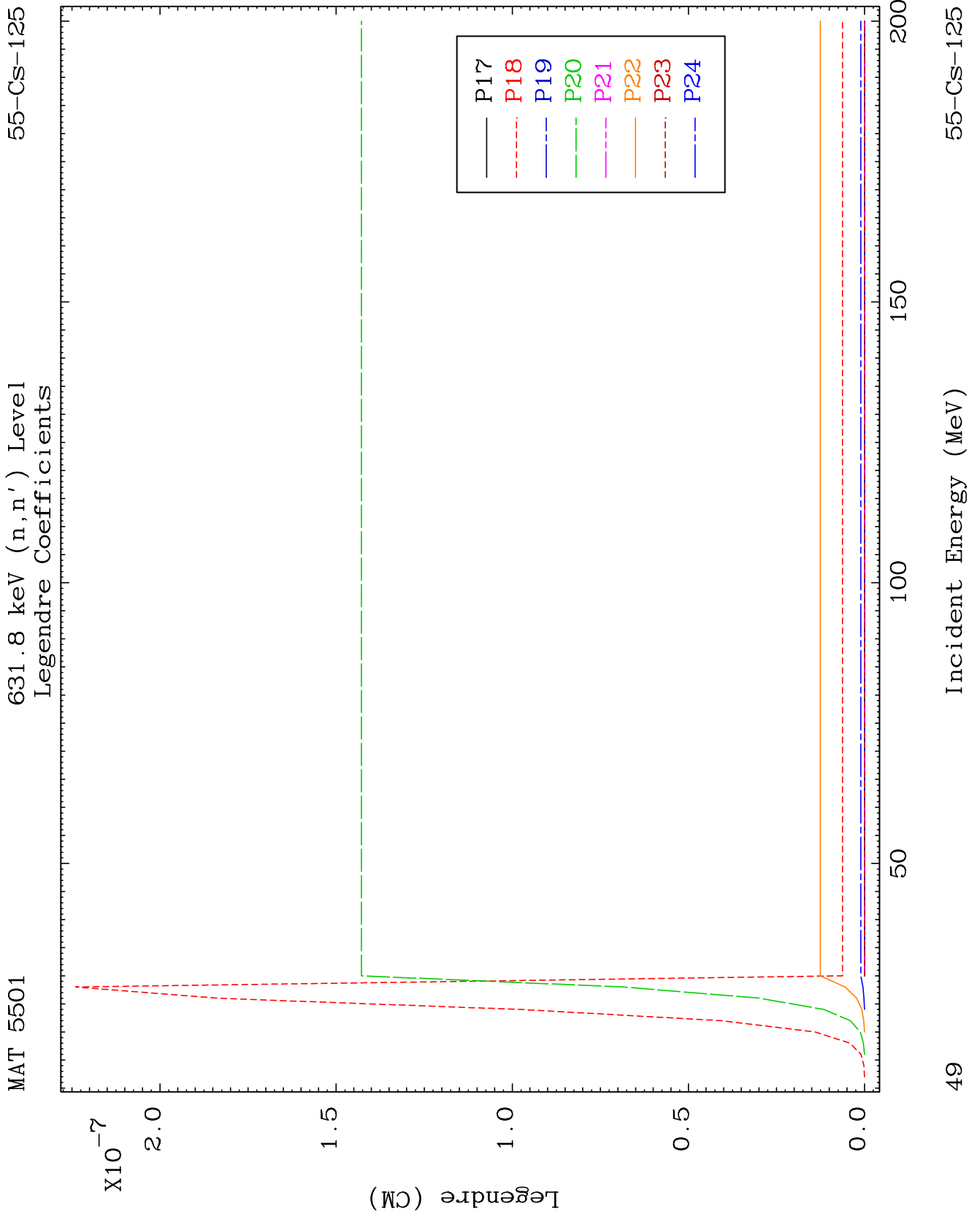






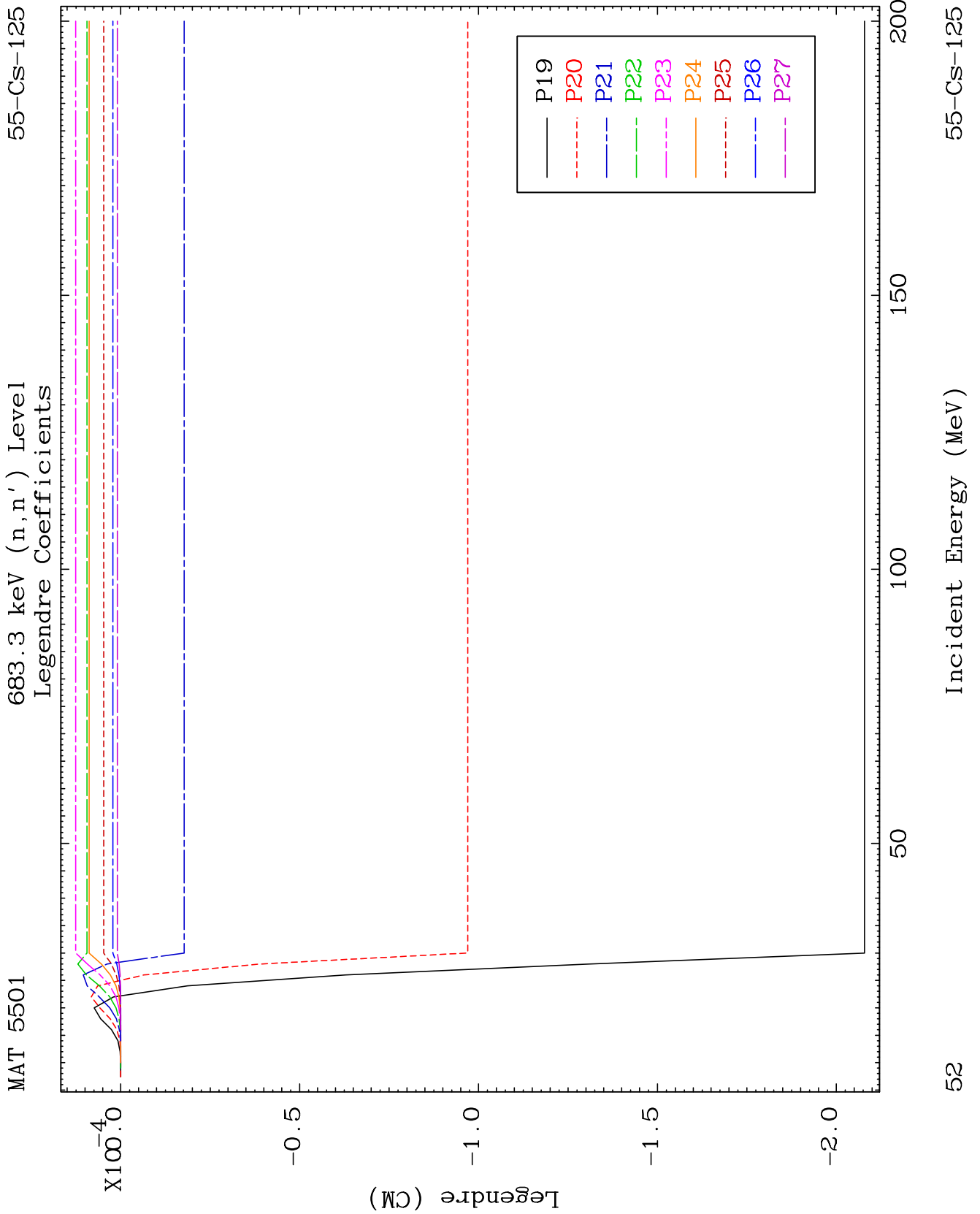


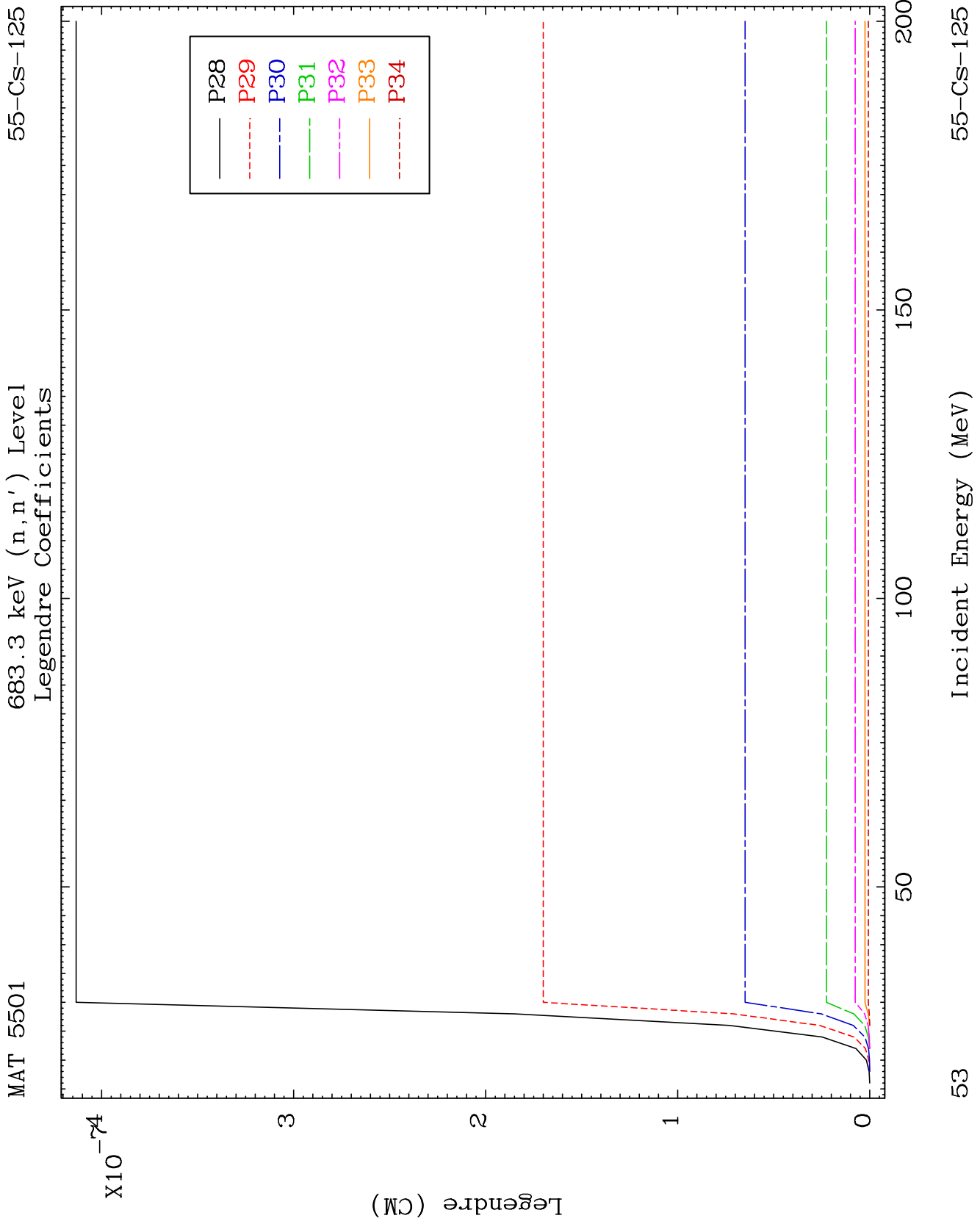








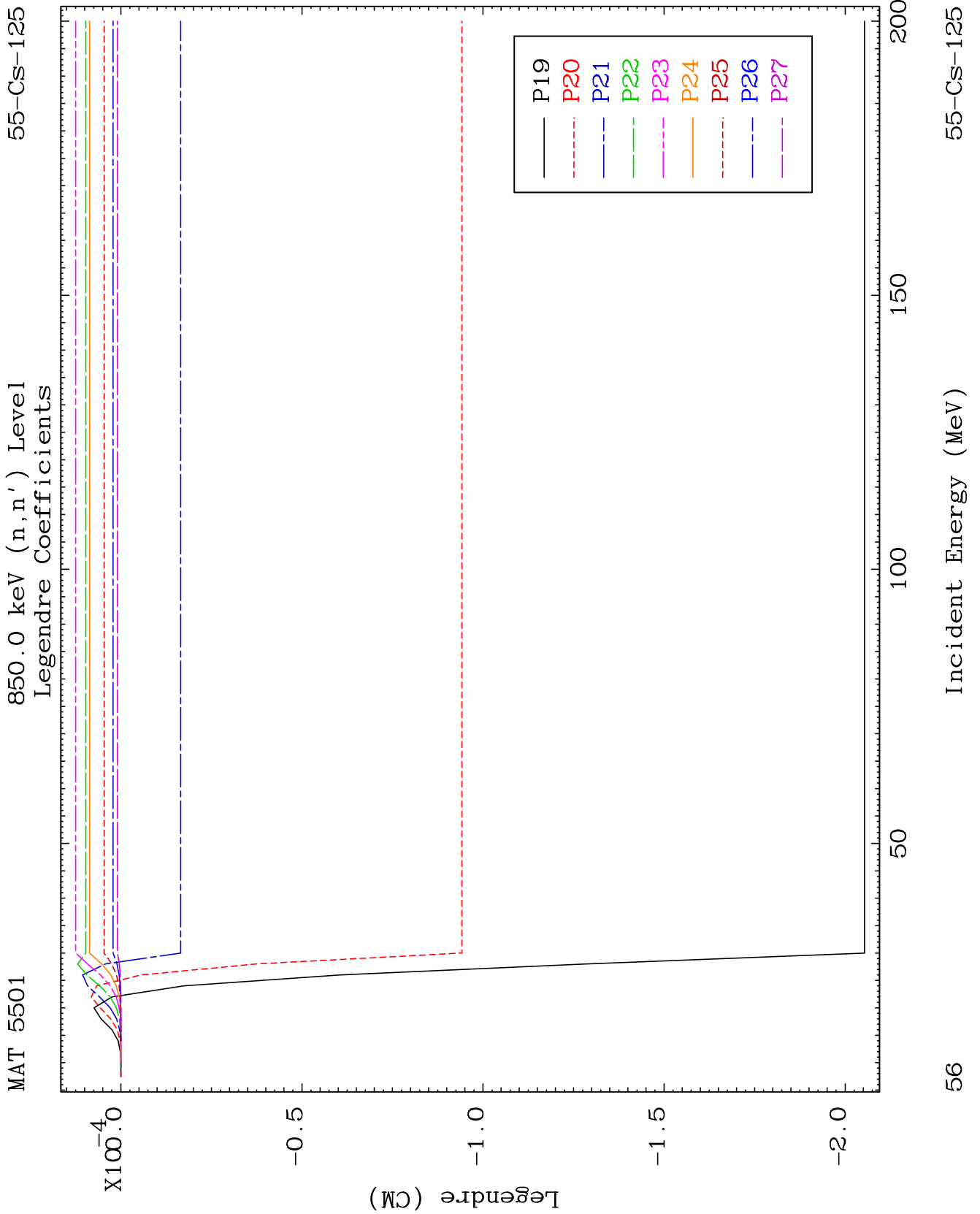


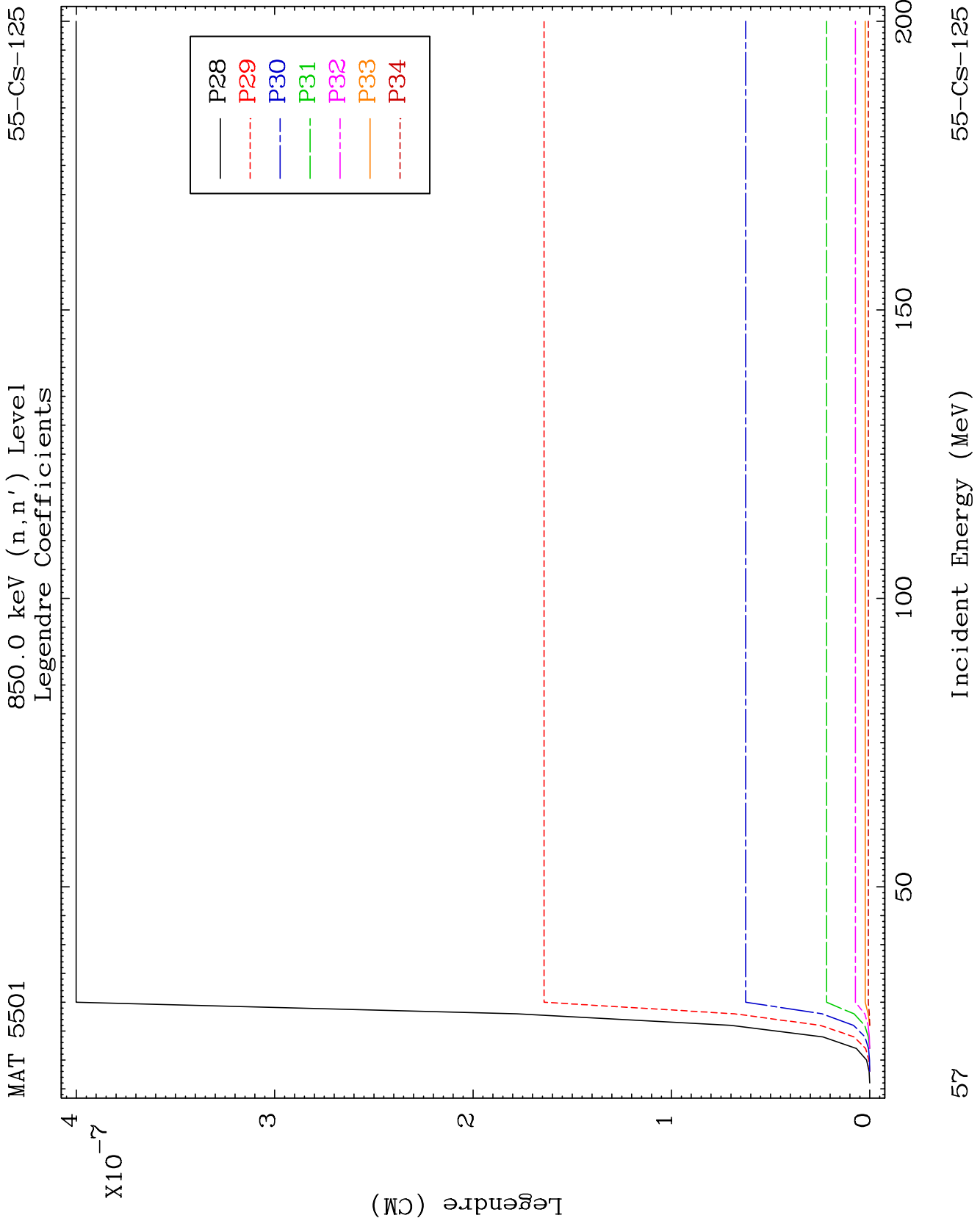








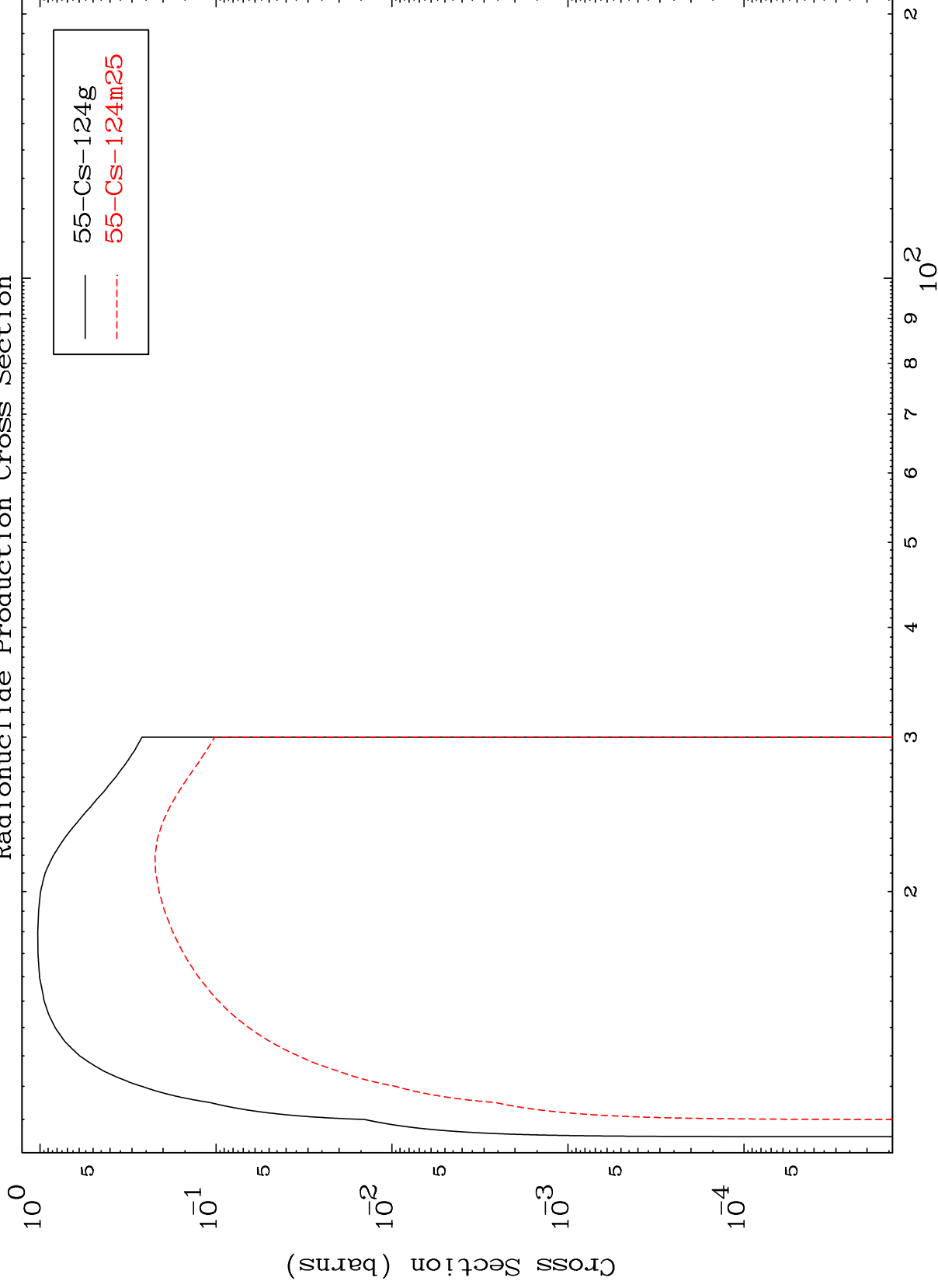




MAT 5501

55-Cs-125

(n,2n)  
Radionuclide Production Cross Section



58

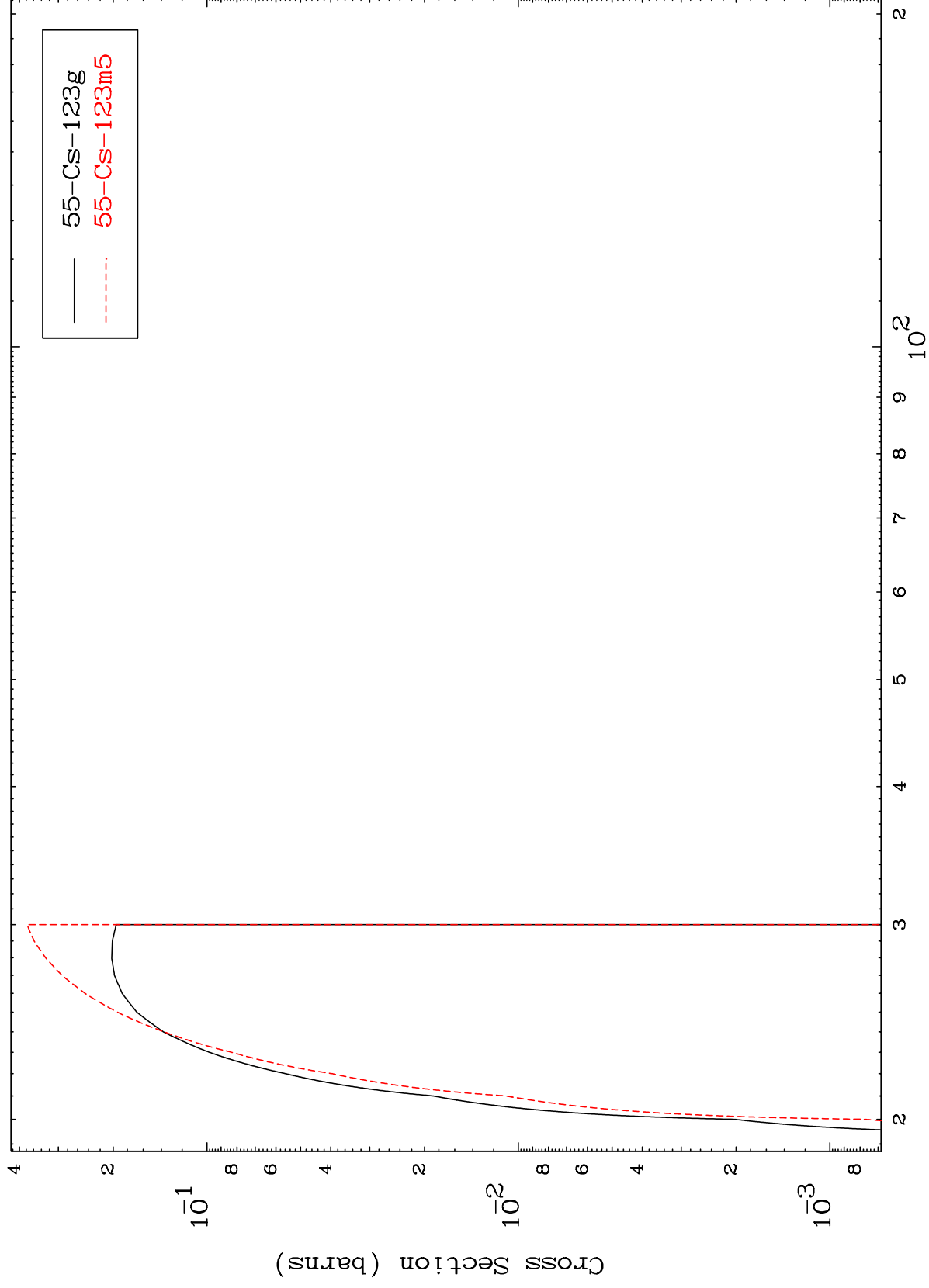
Incident Energy (MeV)

55-Cs-125

MAT 5501

55-Cs-125

(n,3n)  
Radionuclide Production Cross Section



59

Incident Energy (MeV)

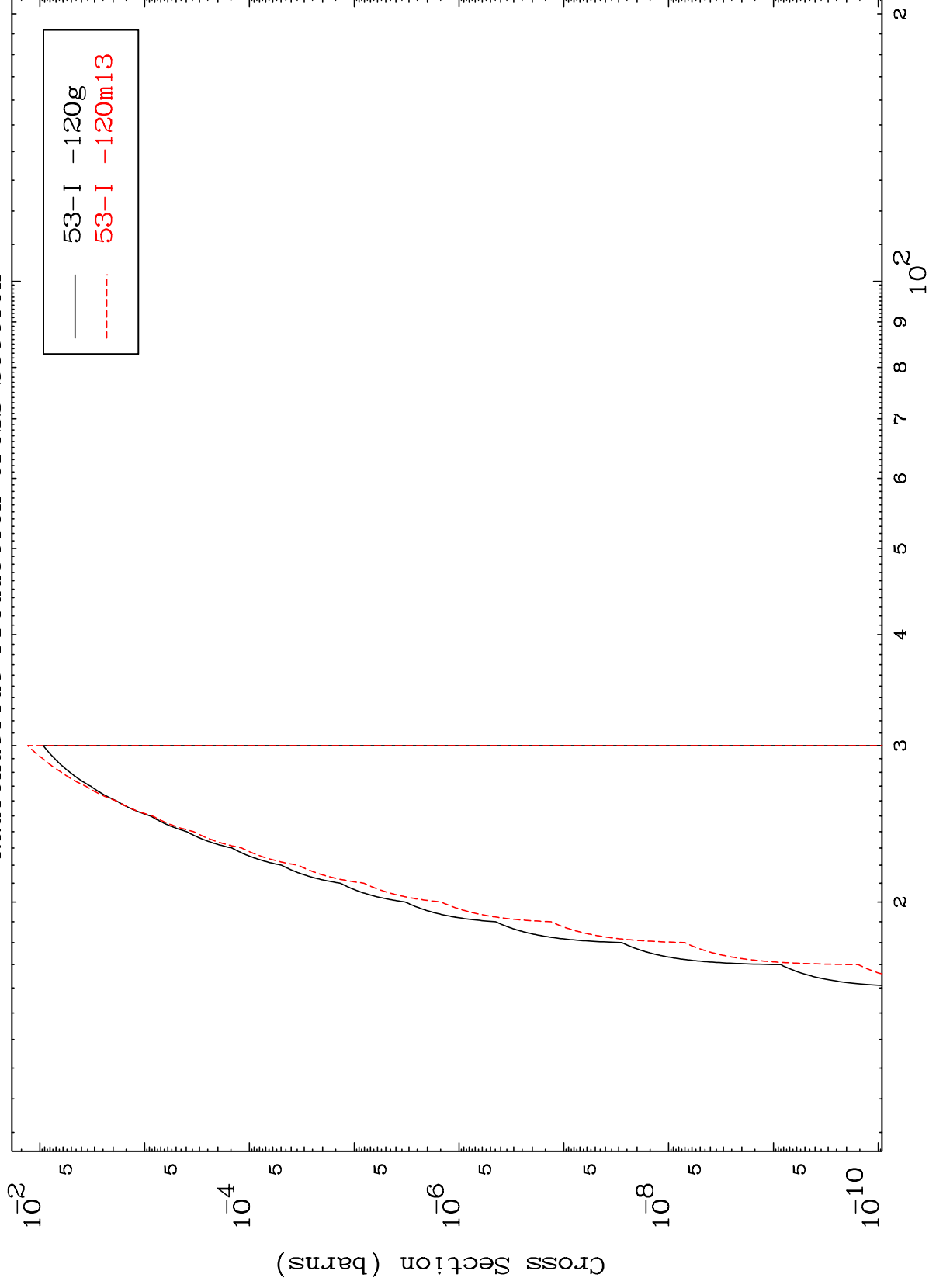
55-Cs-125

MAT 5501

55-Cs-125

(n,2n)  $\alpha$

Radionuclide Production Cross Section



60

Incident Energy (MeV)

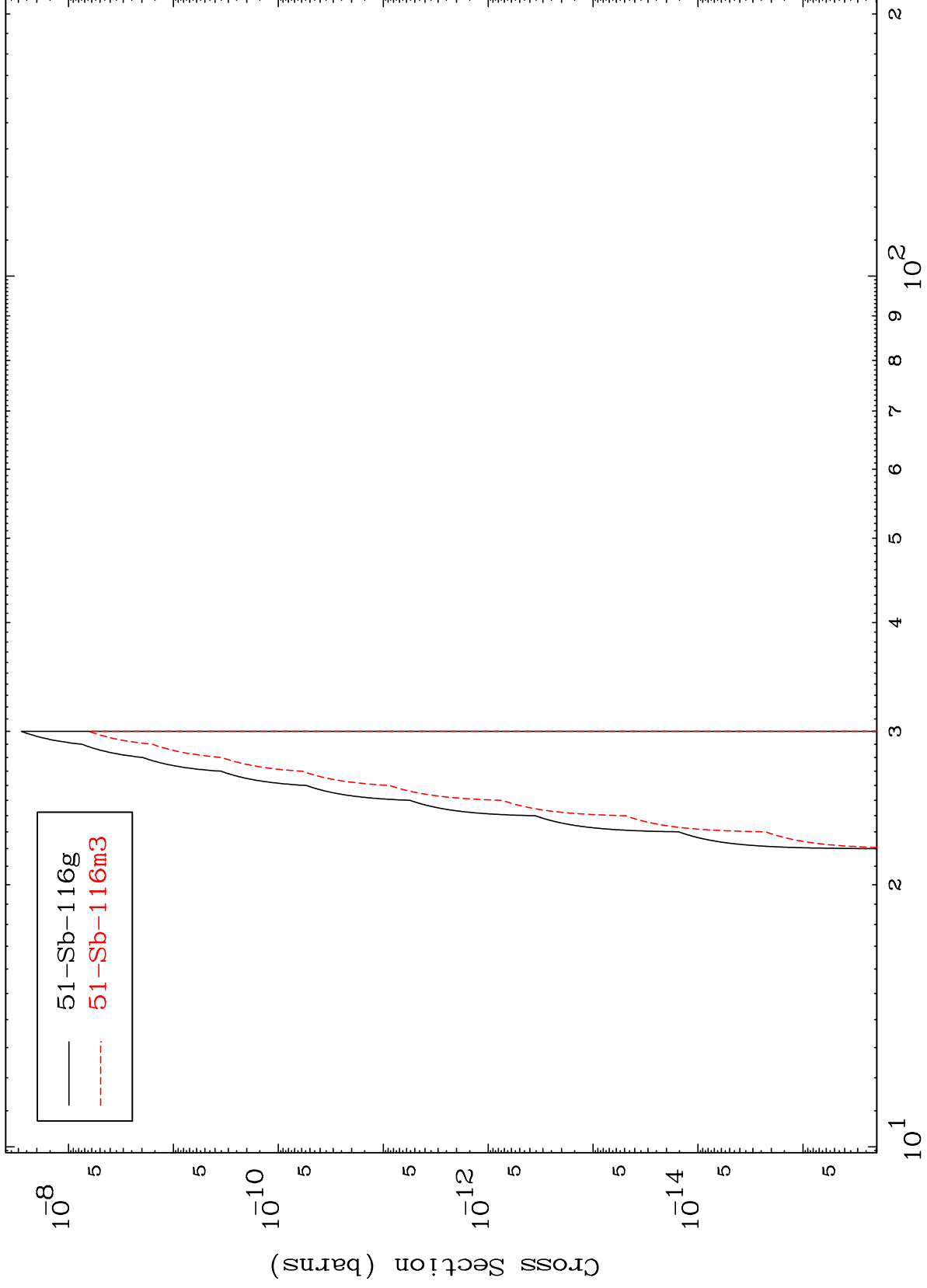
55-Cs-125

MAT 5501

(n,2n) 2α

55-Cs-125

Radionuclide Production Cross Section



— 51-Sb-116g  
- - - 51-Sb-116m3

61

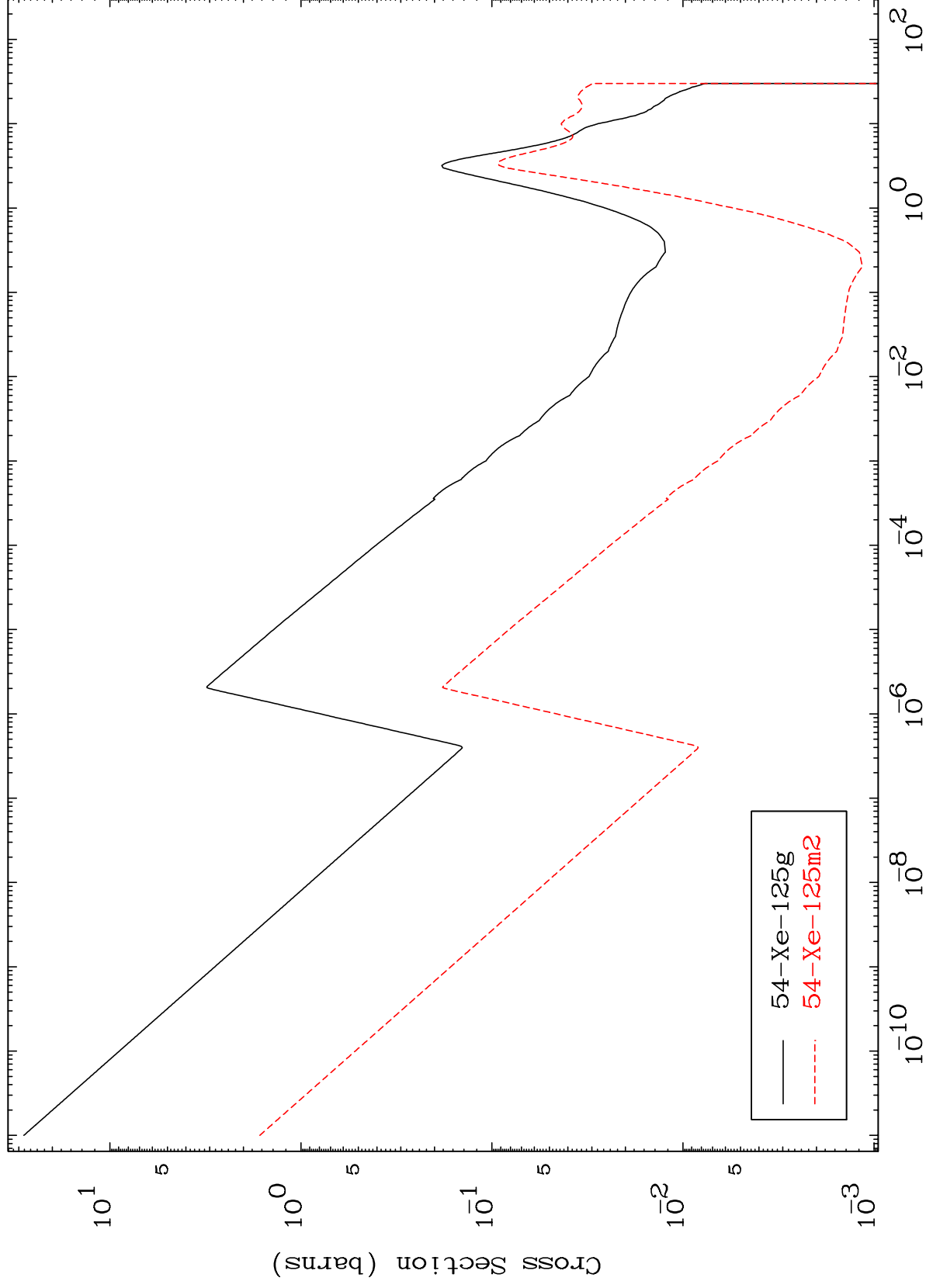
Incident Energy (MeV)

55-Cs-125

MAT 5501

55-Cs-125

(n,p)  
Radionuclide Production Cross Section



62

55-Cs-125

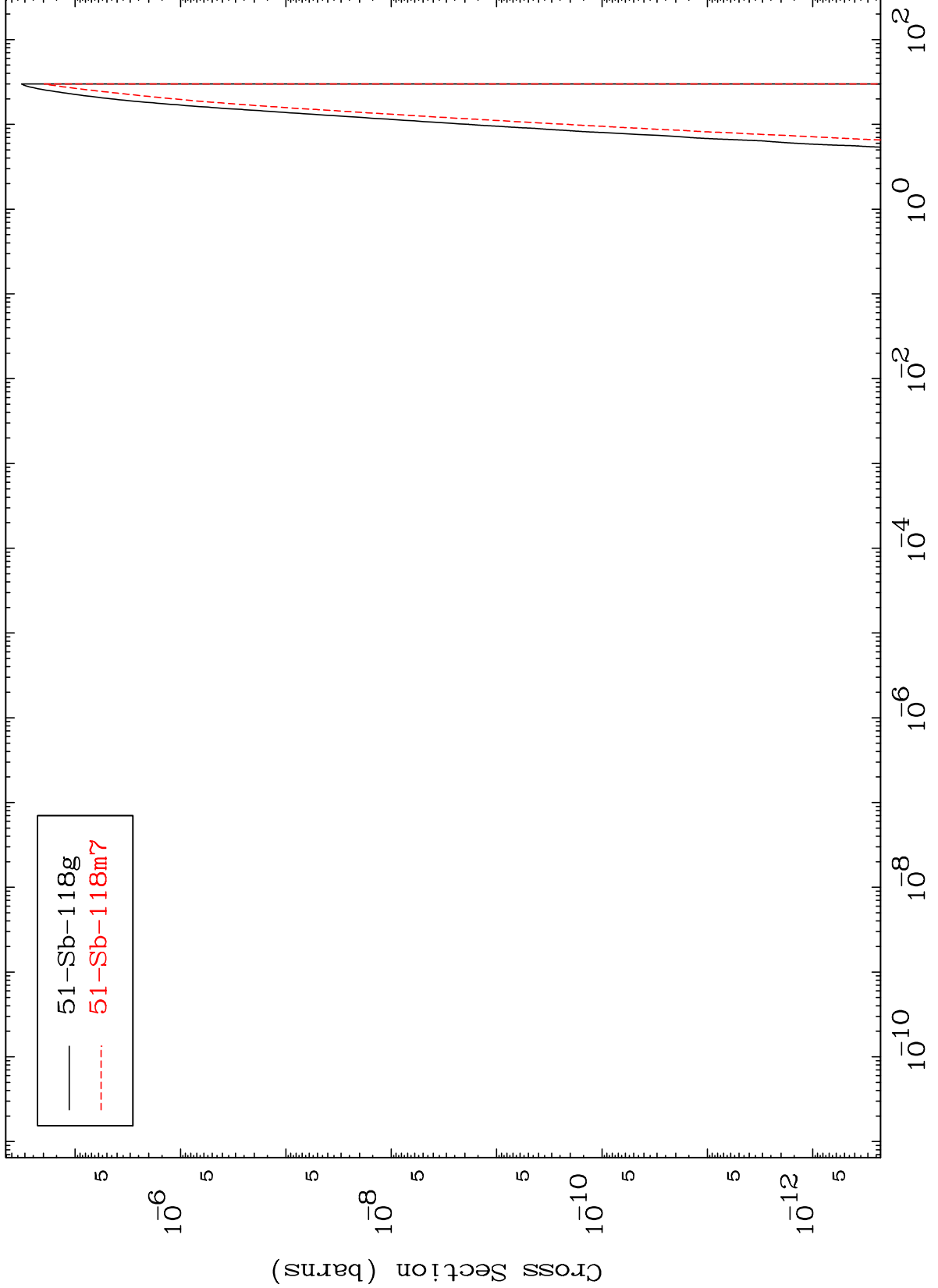
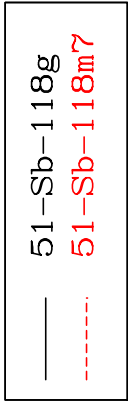
Incident Energy (MeV)

MAT 5501

(n,2α)

55-Cs-125

Radionuclide Production Cross Section



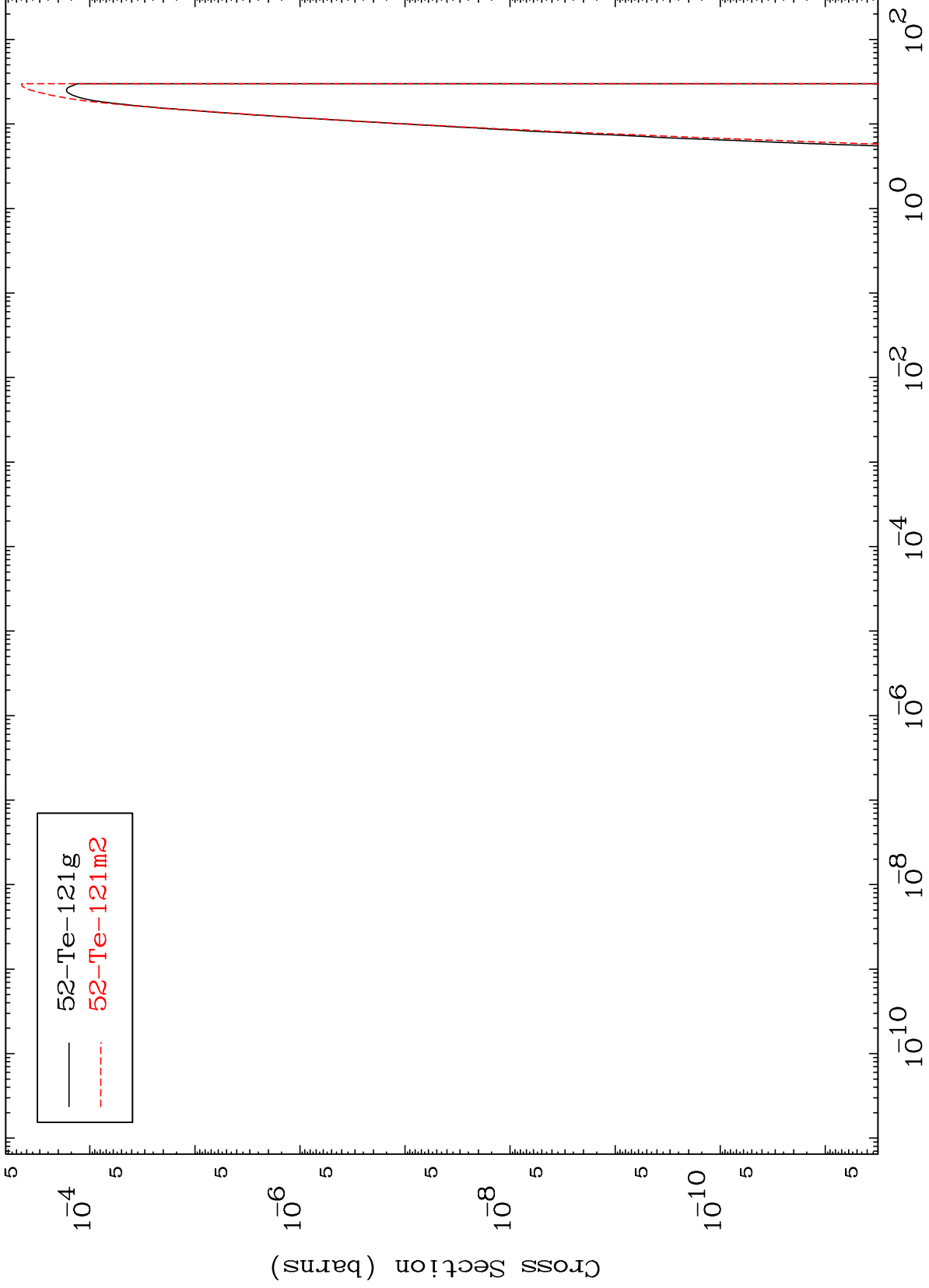


MAT 5501

(n,p)  $\alpha$

55-Cs-125

Radionuclide Production Cross Section



52-Te-121g  
52-Te-121m2

64

Incident Energy (MeV)

55-Cs-125