

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

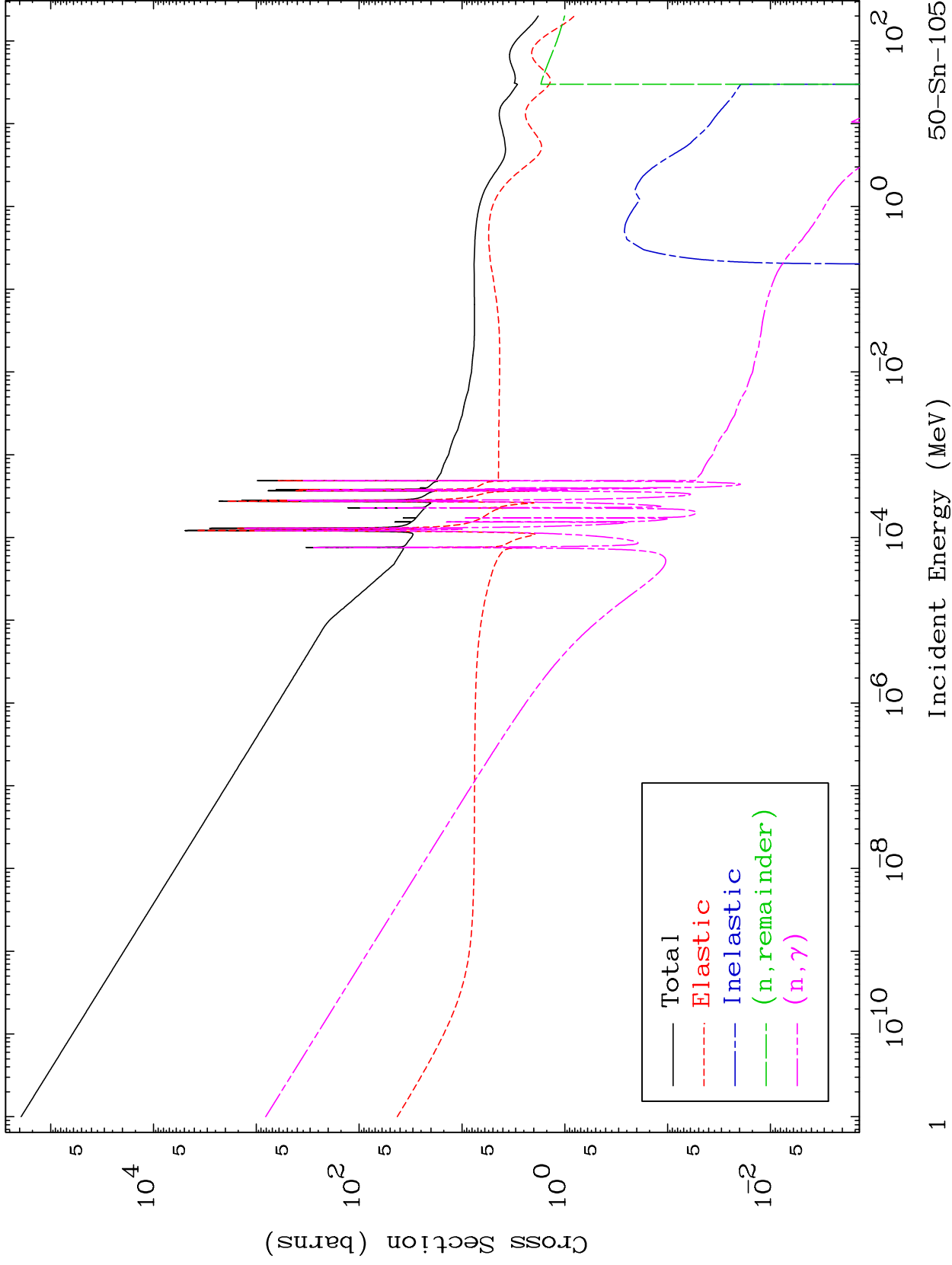
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5004

Major  
293 Kelvin Cross Sections

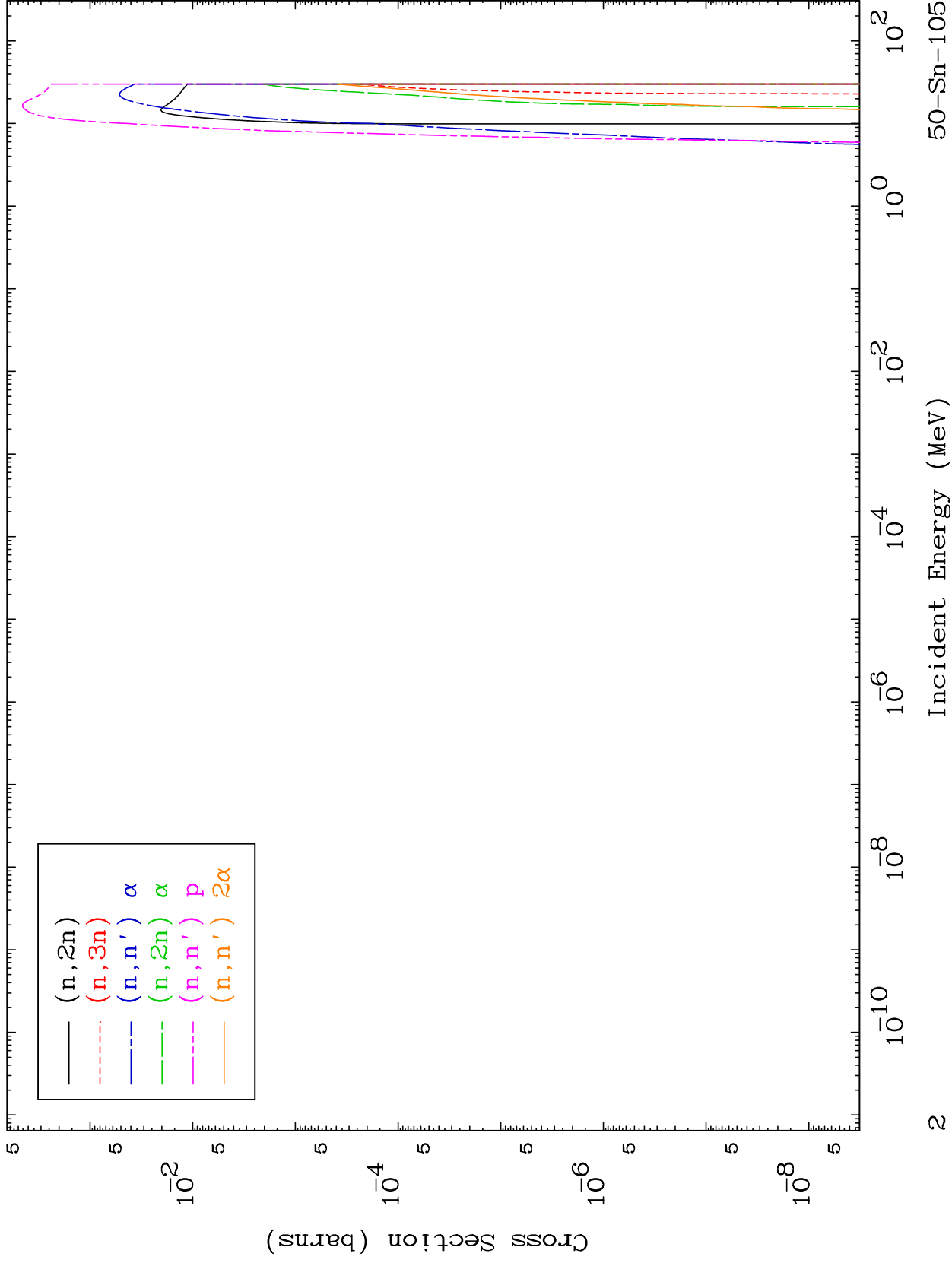
50-Sn-105



MAT 5004

Neutron Production  
293 Kelvin Cross Sections

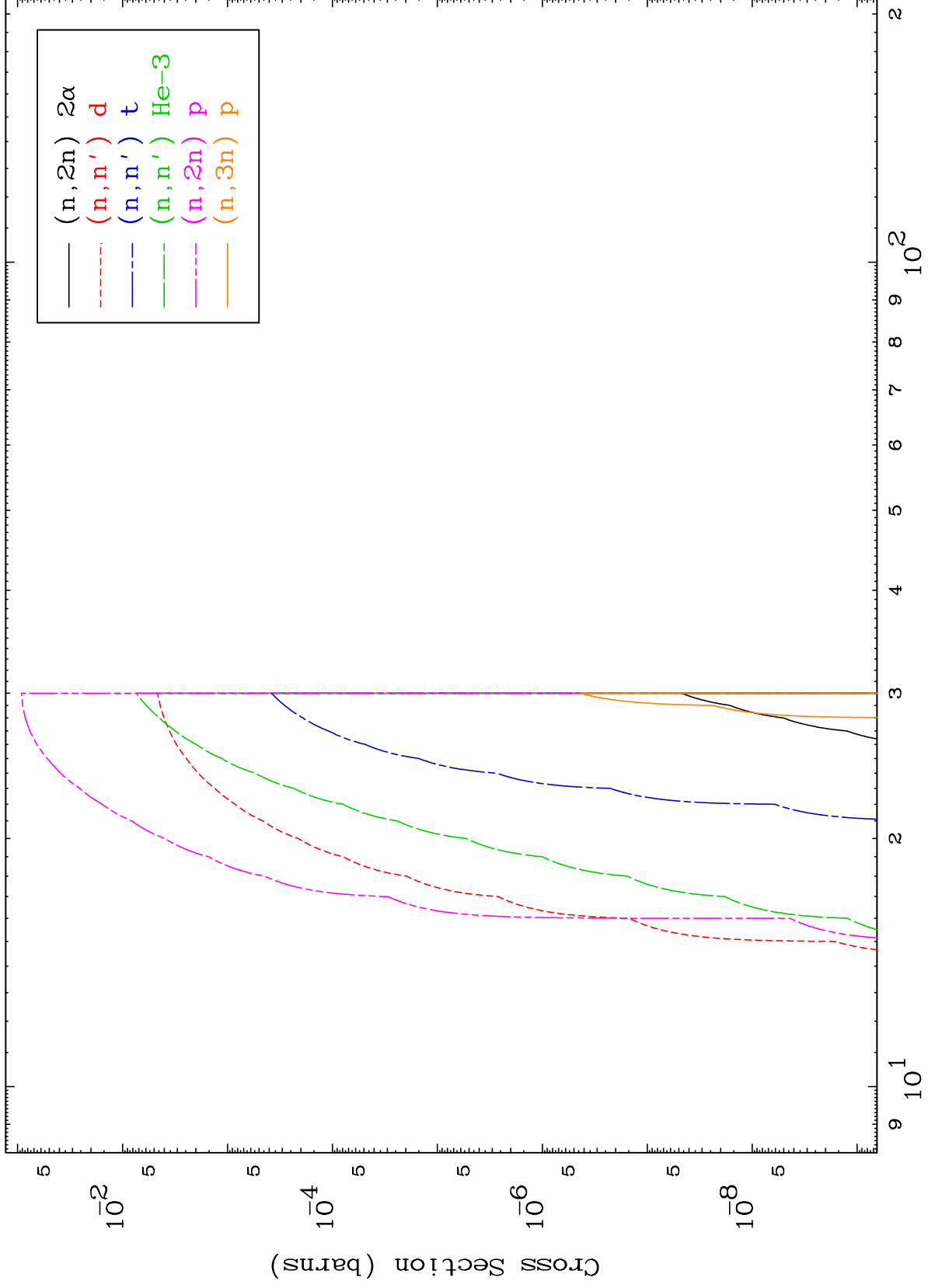
50-Sn-105



MAT 5004

Neutron Production  
293 Kelvin Cross Sections

50-Sn-105



Incident Energy (MeV)

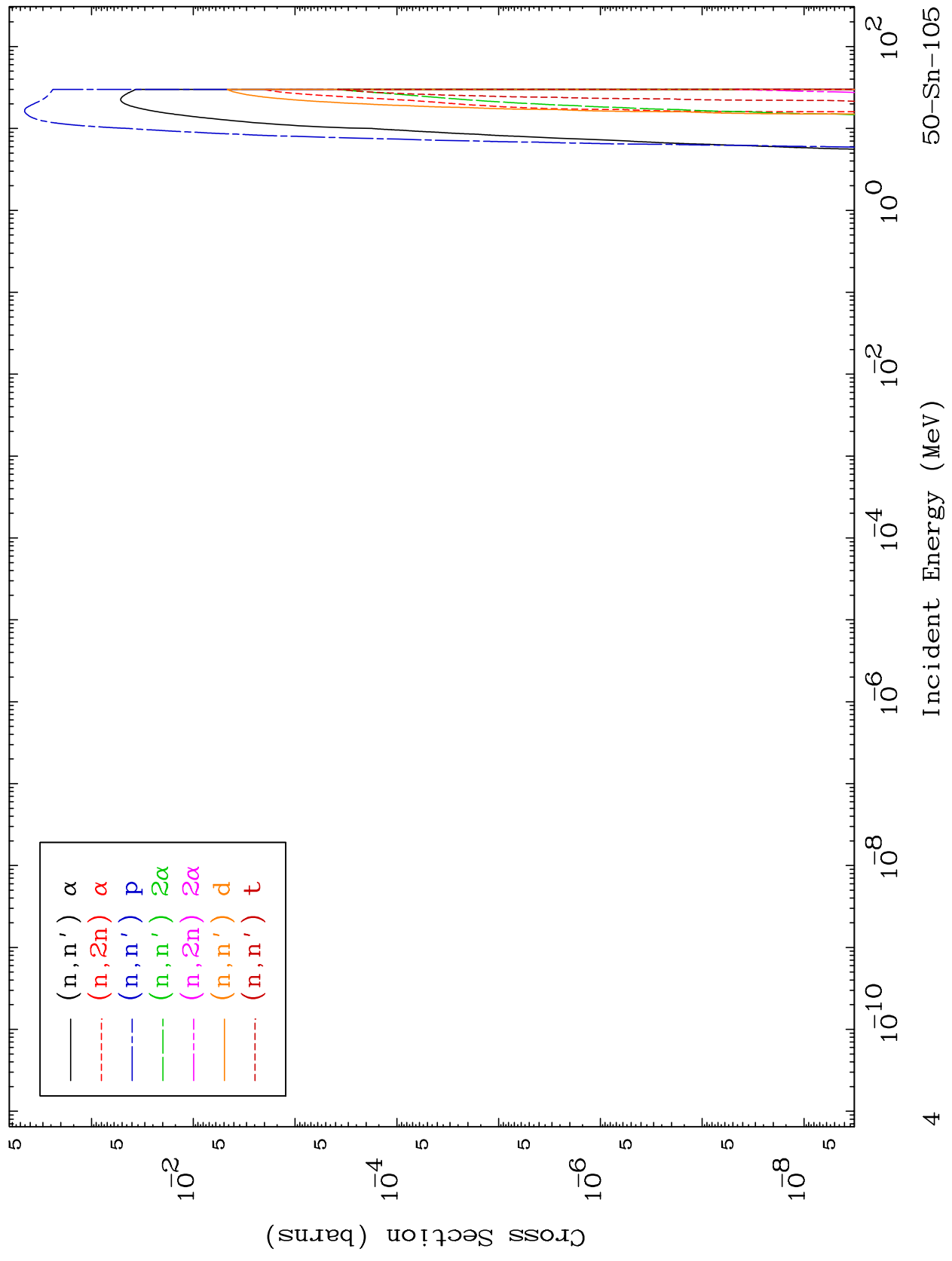
50-Sn-105

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MAT 5004

Charged Particle  
293 Kelvin Cross Sections

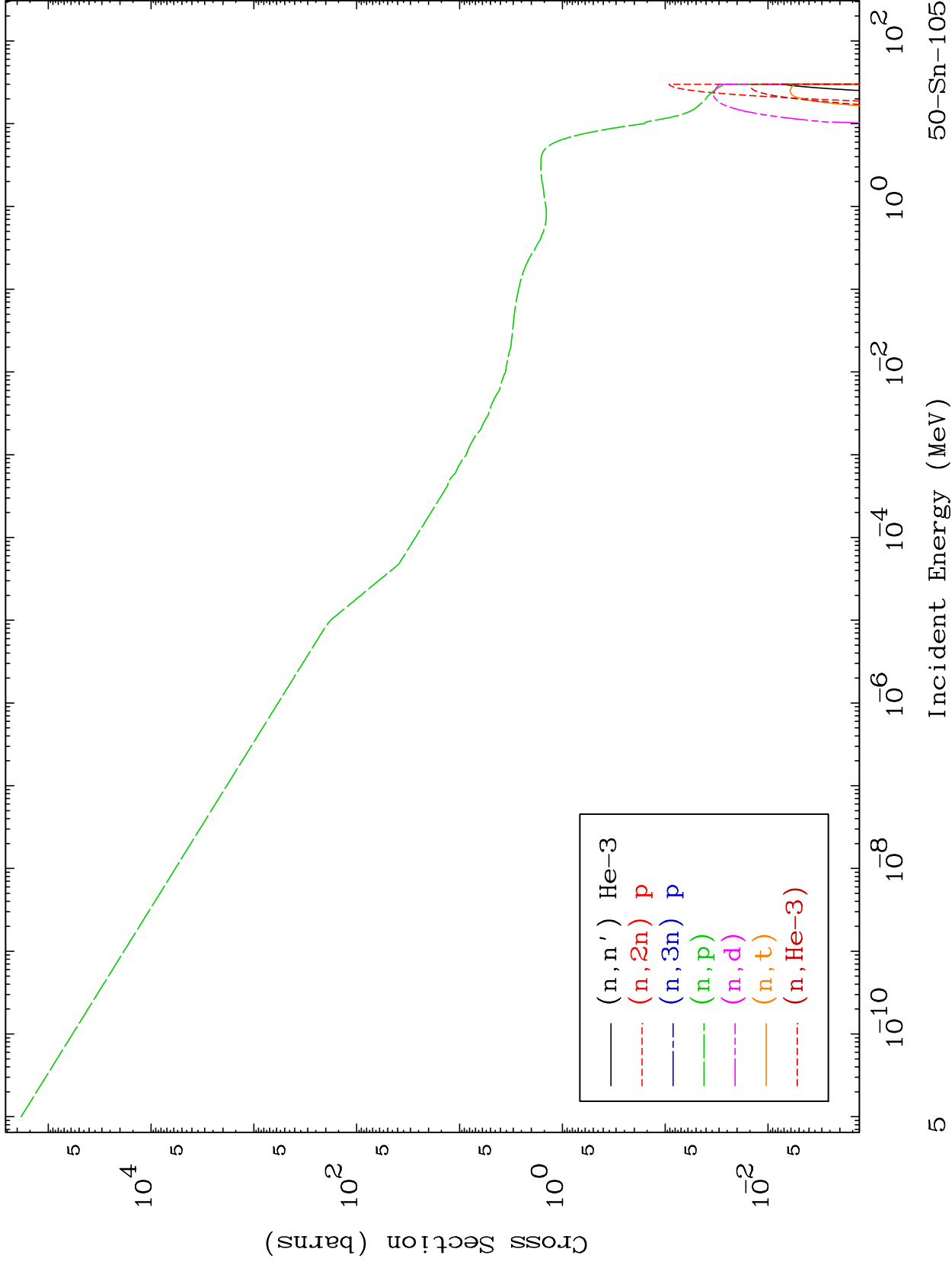
50-Sn-105



MAT 5004

Charged Particle  
293 Kelvin Cross Sections

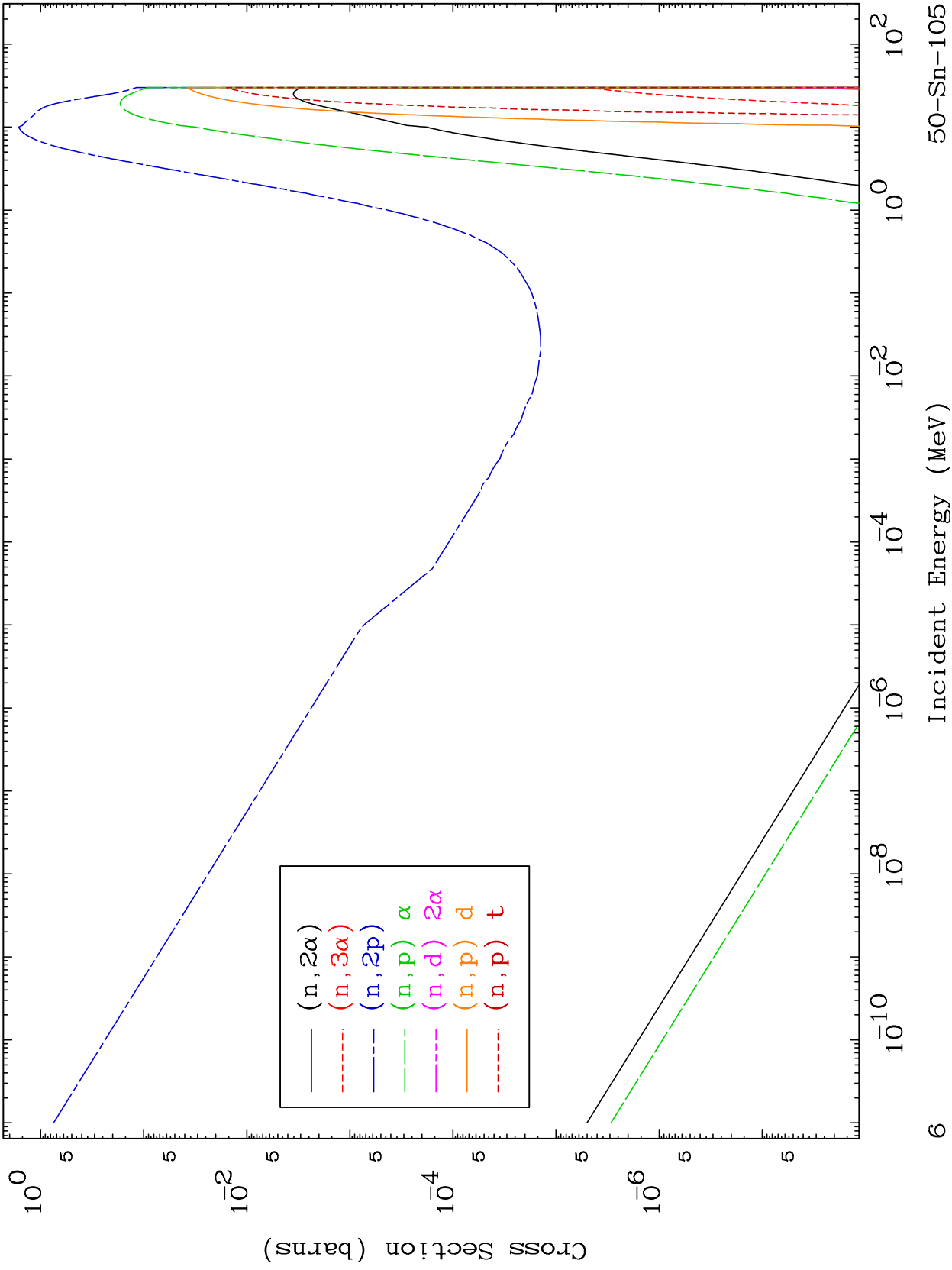
50-Sn-105



MAT 5004

Charged Particle  
293 Kelvin Cross Sections

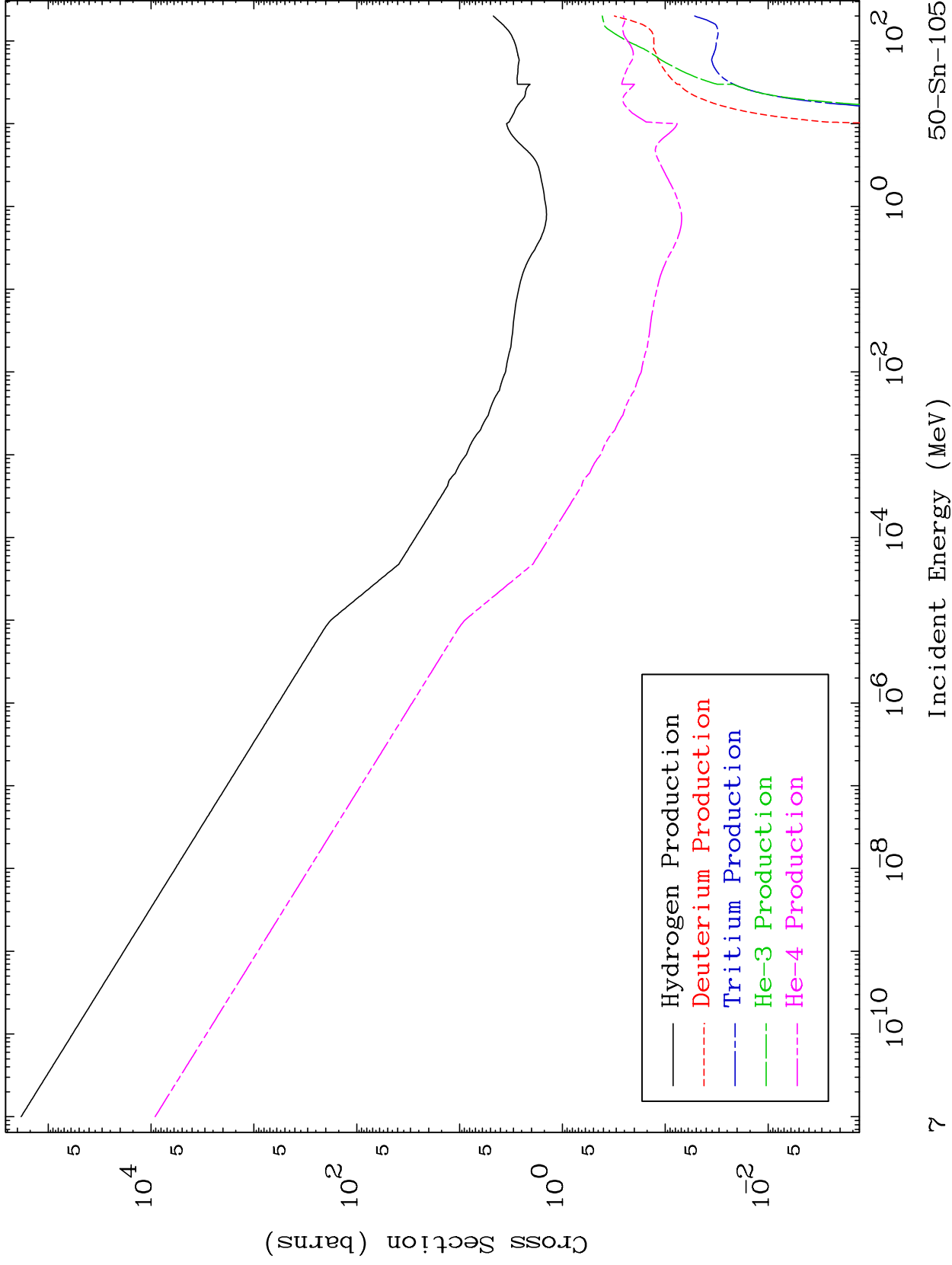
50-Sn-105



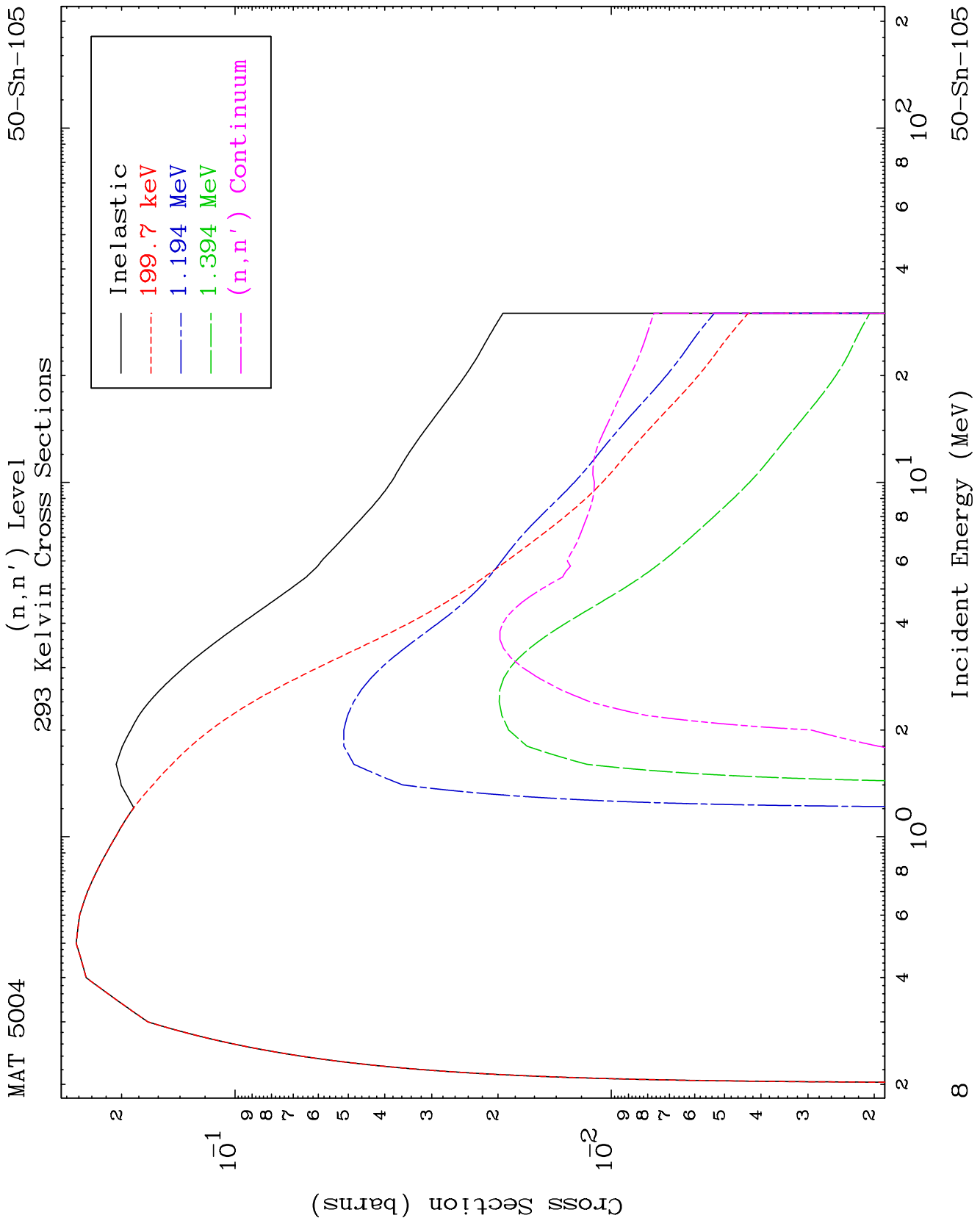
MAT 5004

Particle Production  
293 Kelvin Cross Sections

50-Sn-105



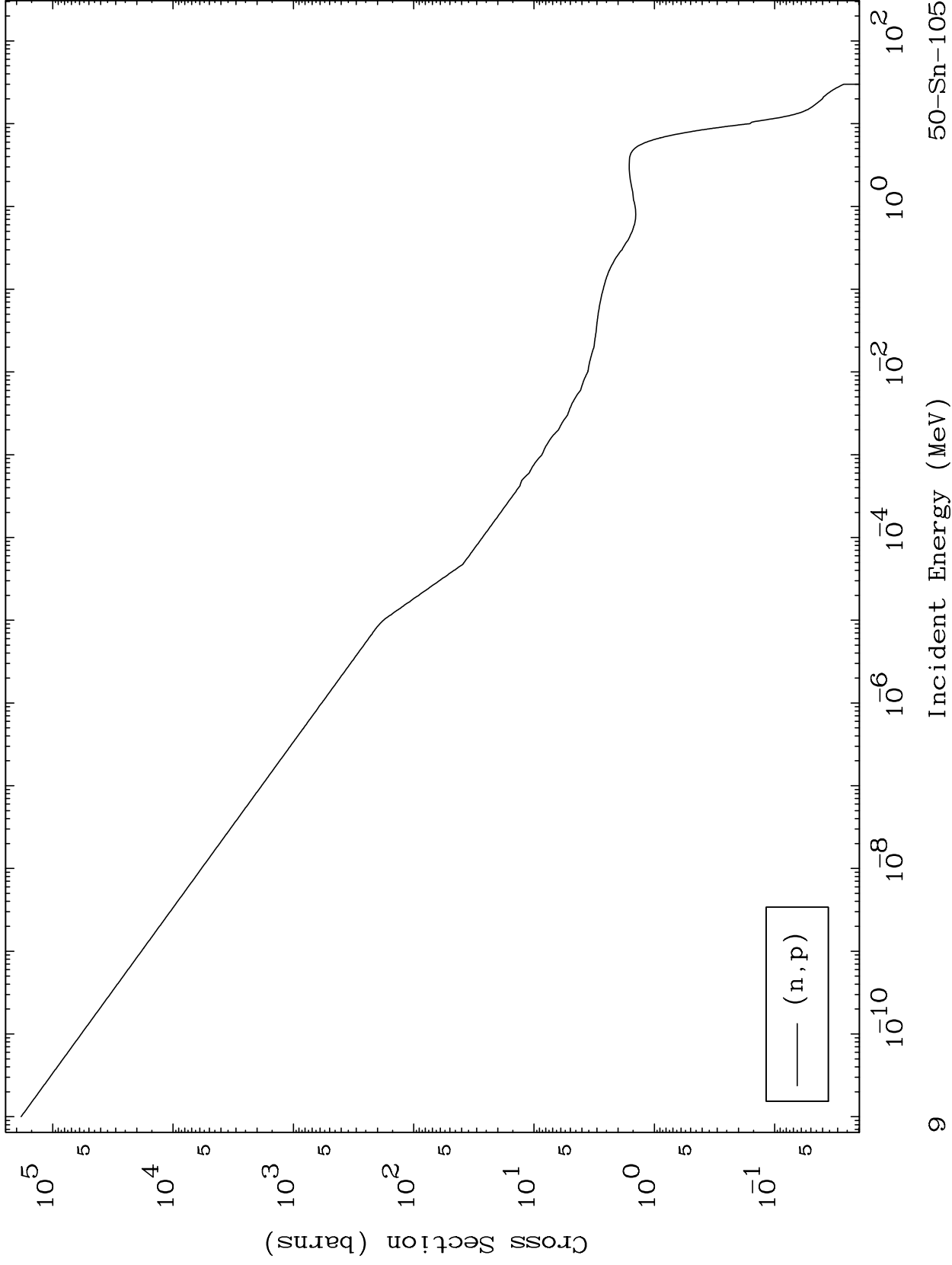




MAT 5004

(n,p) Levels  
293 Kelvin Cross Sections

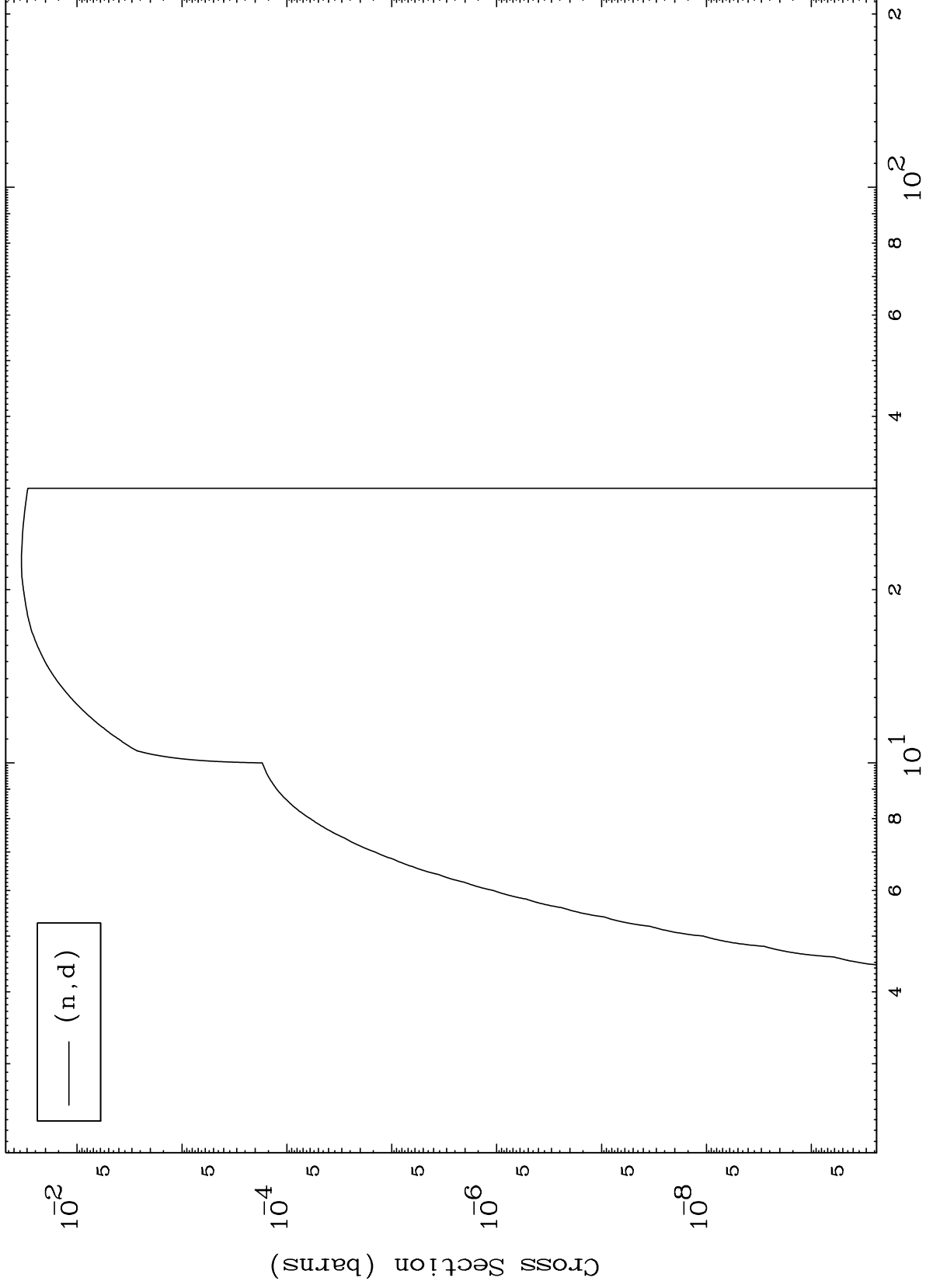
50-Sn-105



MAT 5004

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-105



(n,d)

10

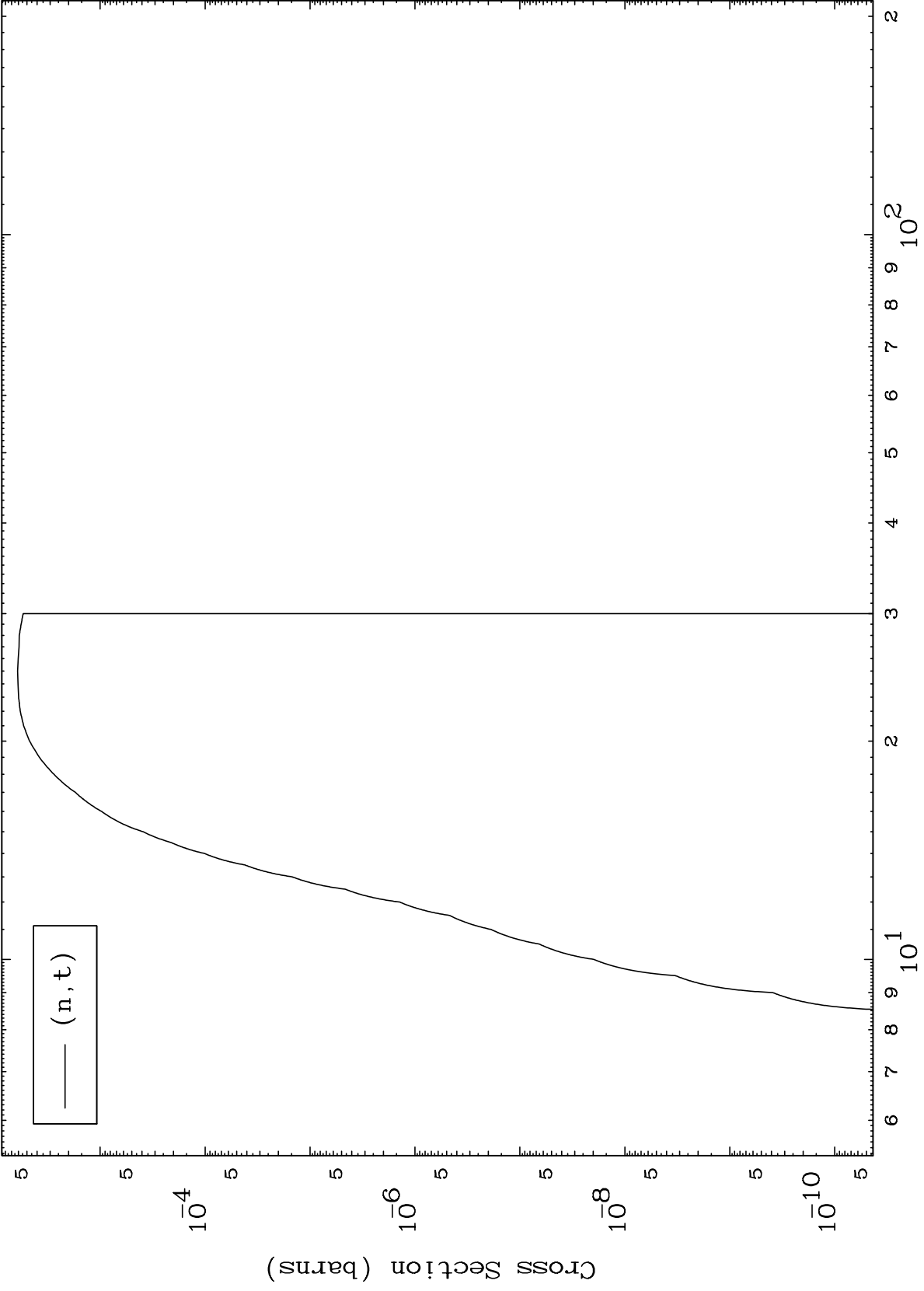
Incident Energy (MeV)

50-Sn-105

MAT 5004

(n,t) Levels  
293 Kelvin Cross Sections

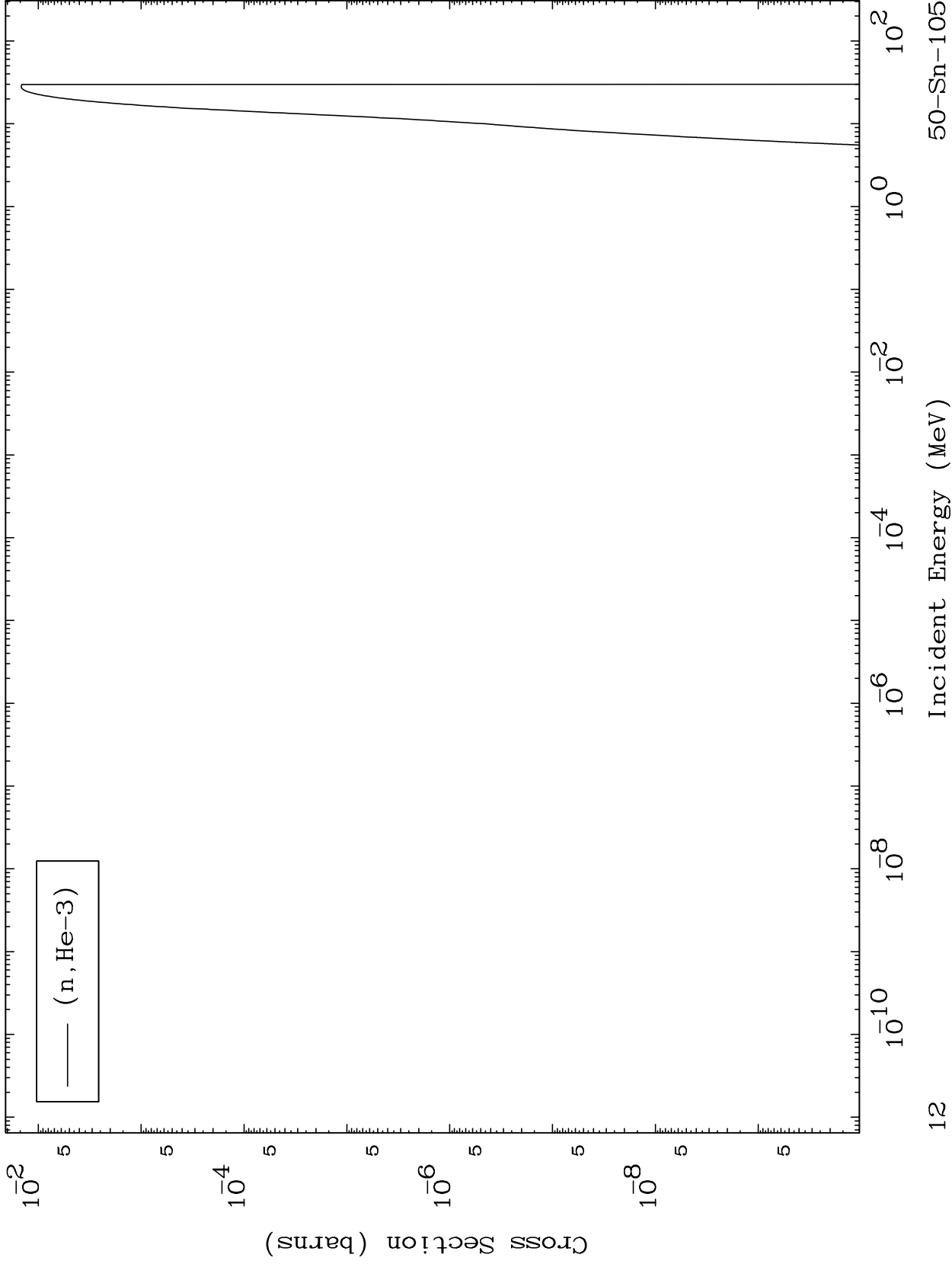
50-Sn-105

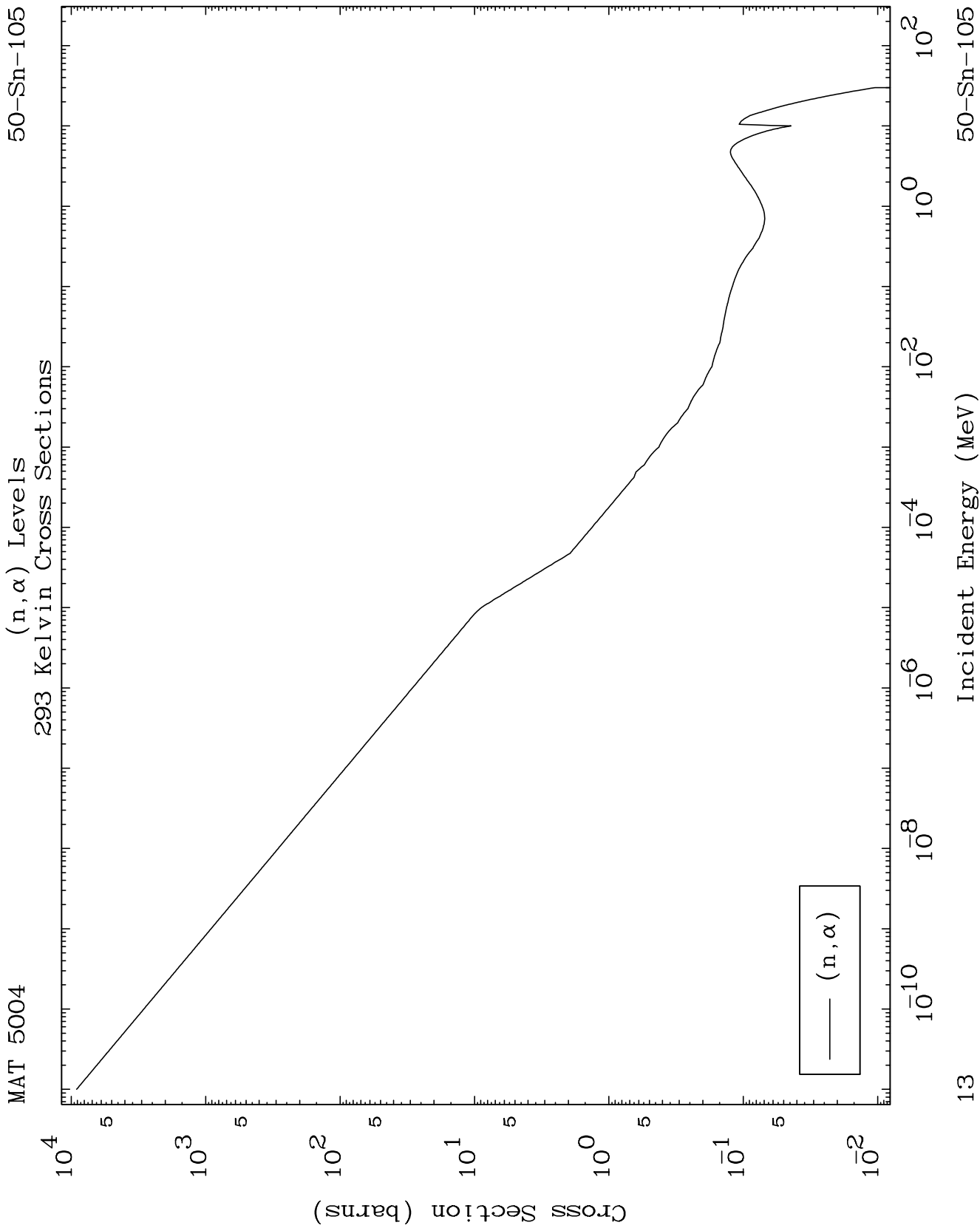


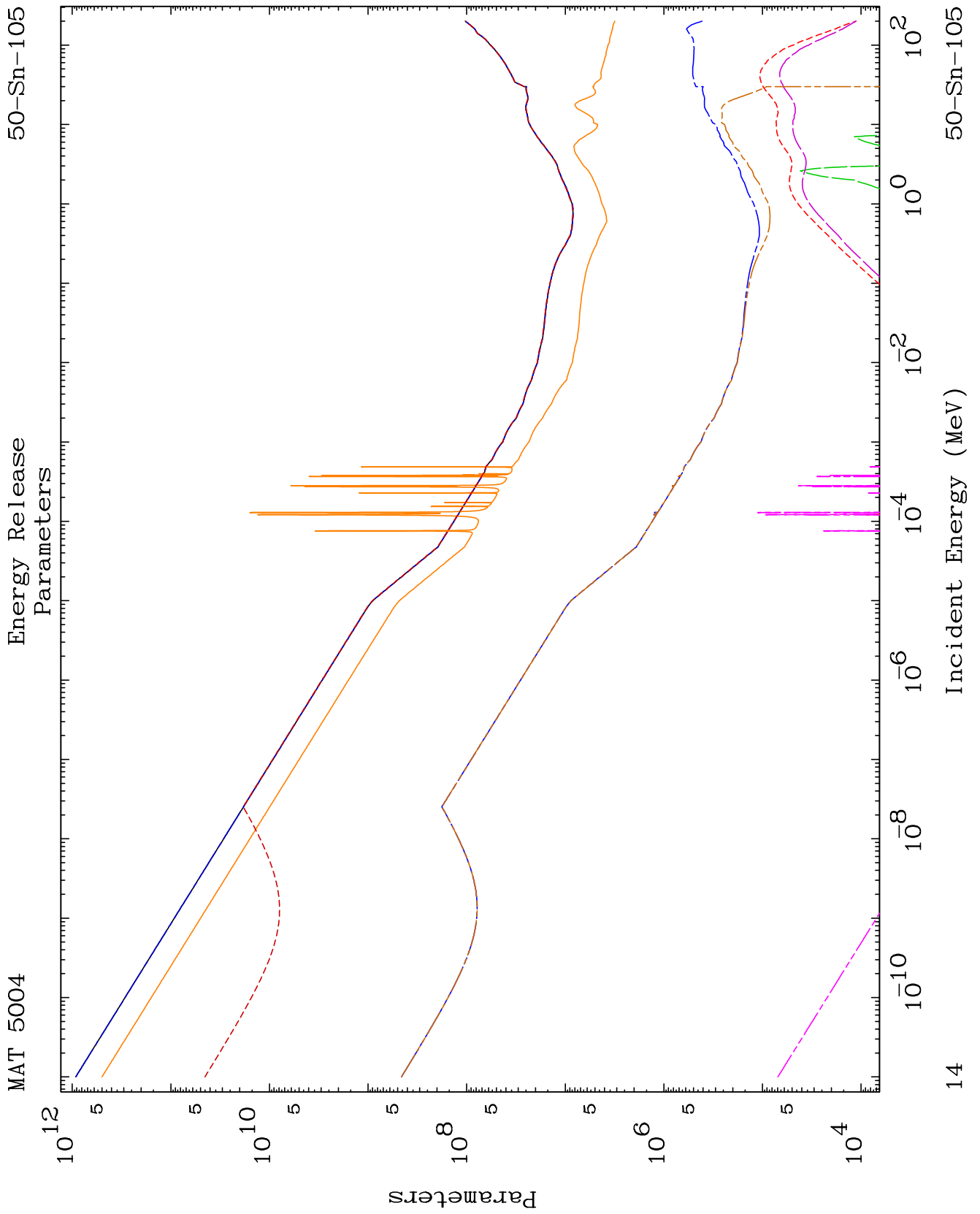
MAT 5004

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-105



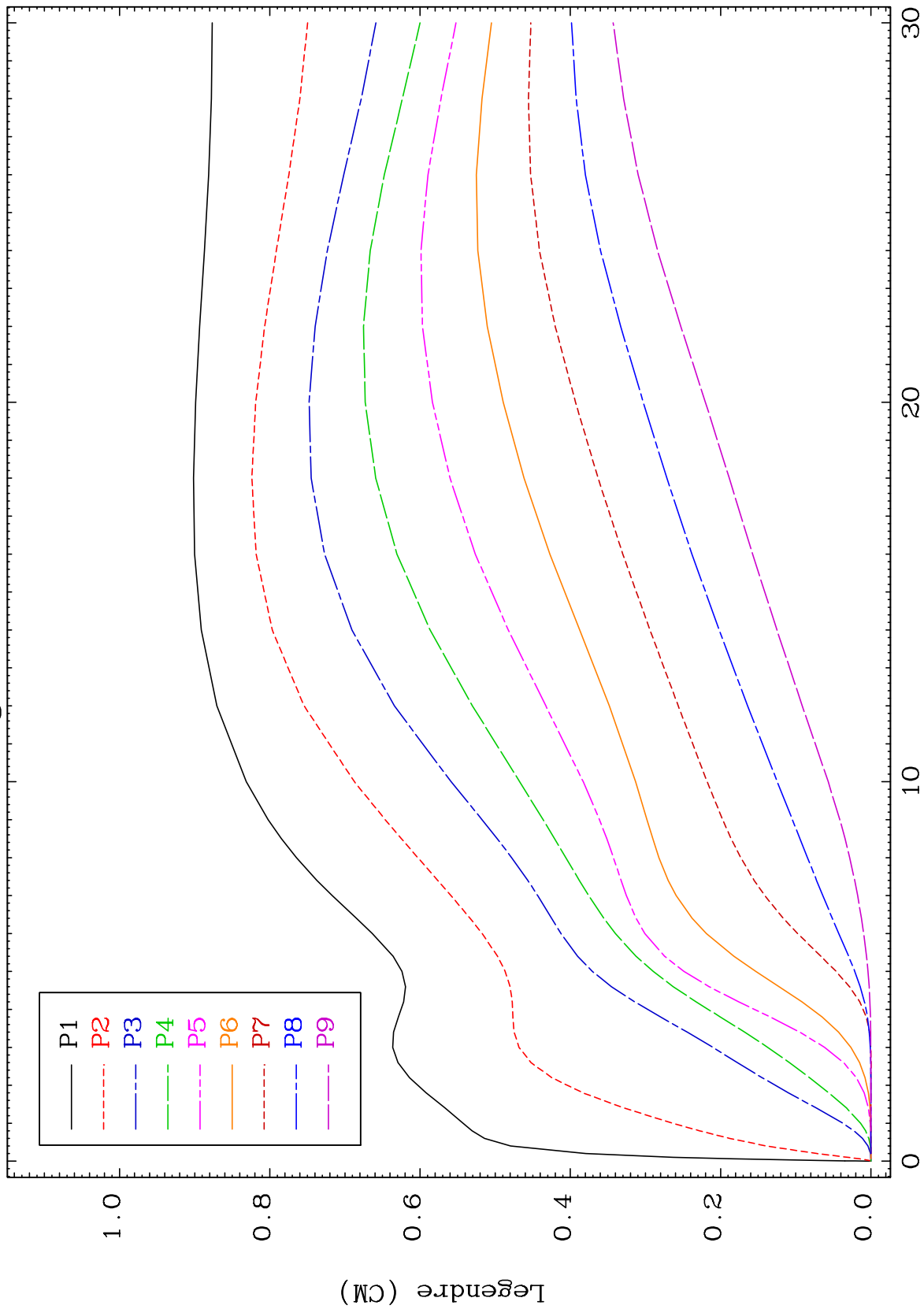




MAT 5004

Elastic Legendre Coefficients

50-Sn-105

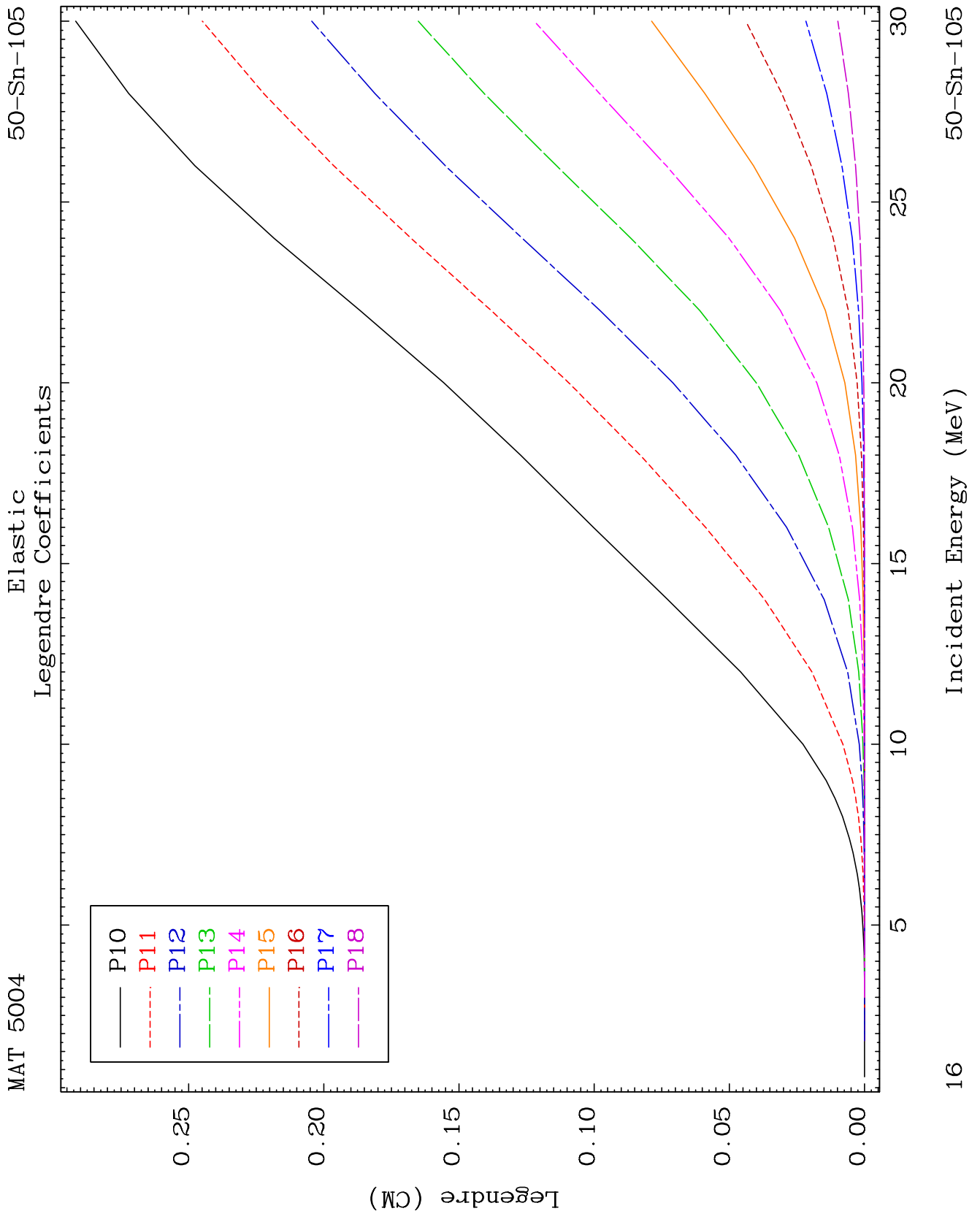


15

Incident Energy (MeV)

50-Sn-105



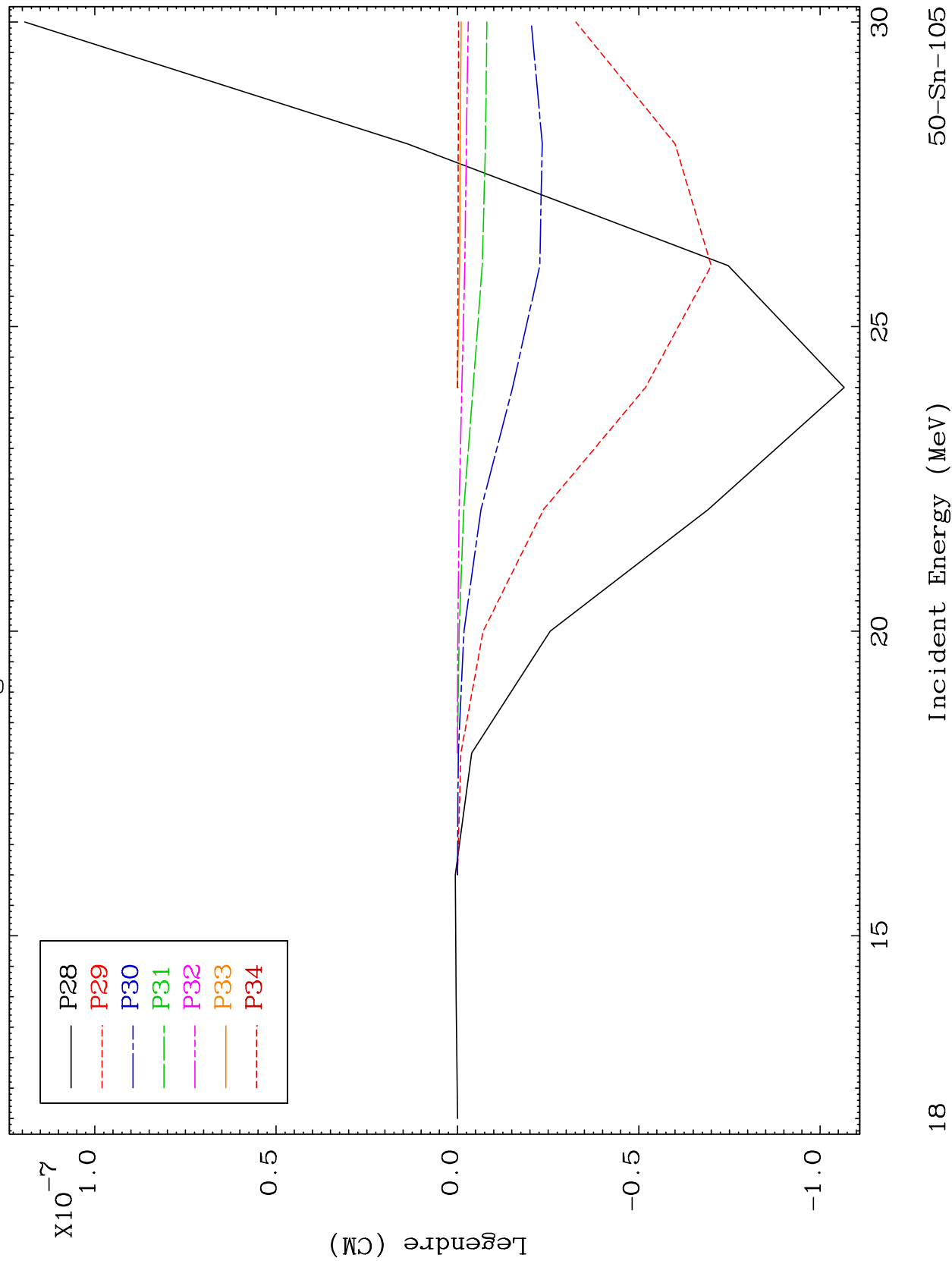




MAT 5004

Elastic Legendre Coefficients

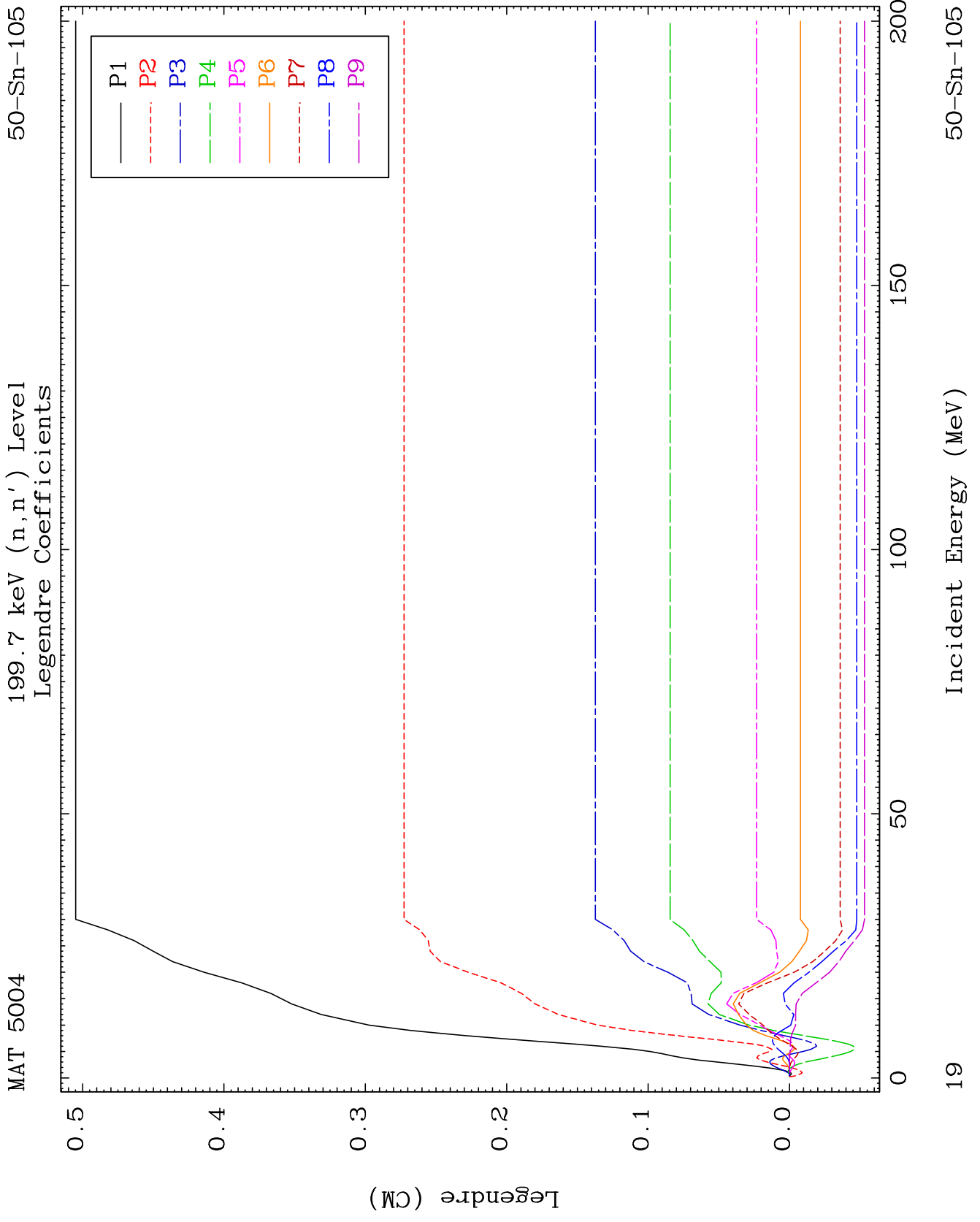
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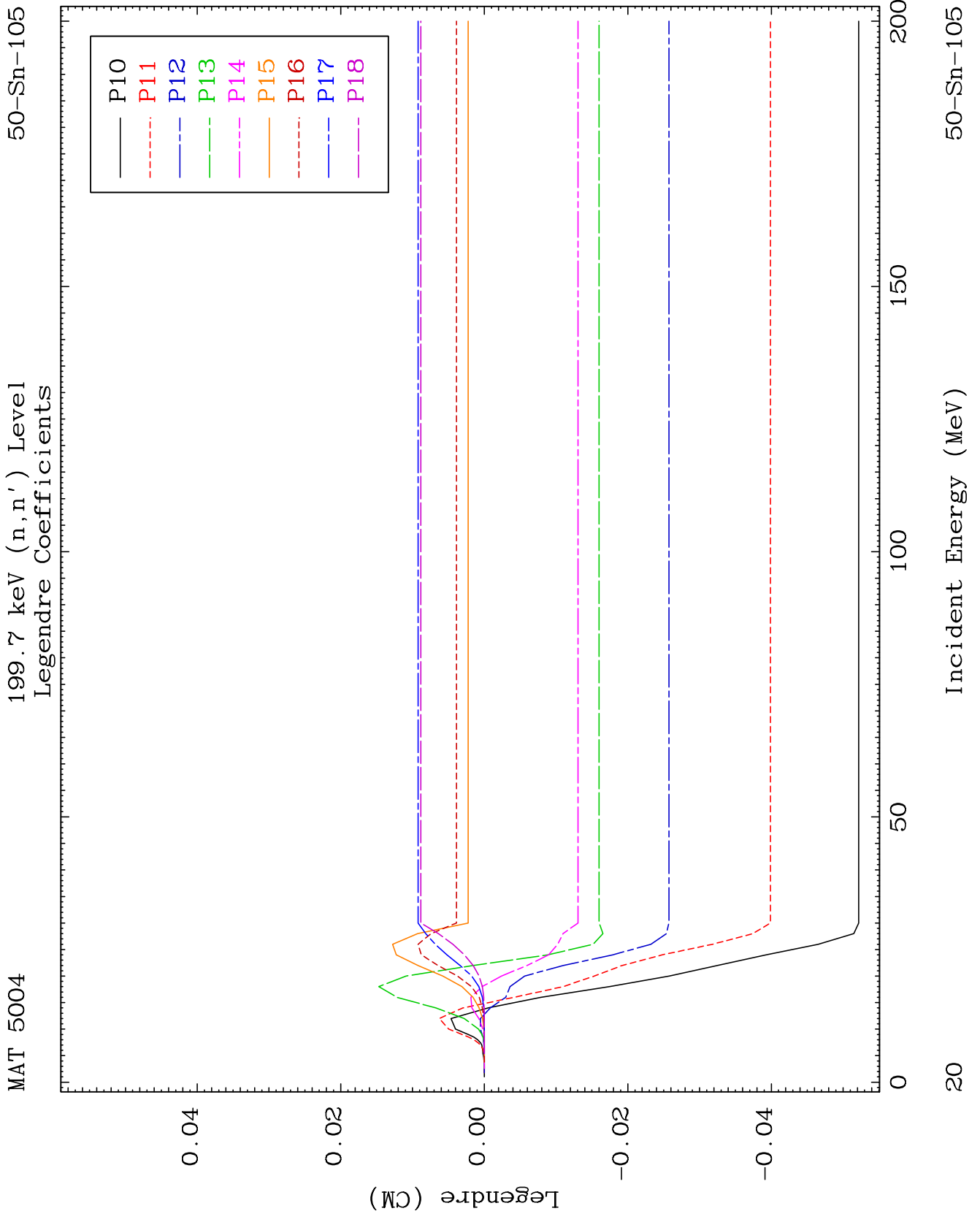


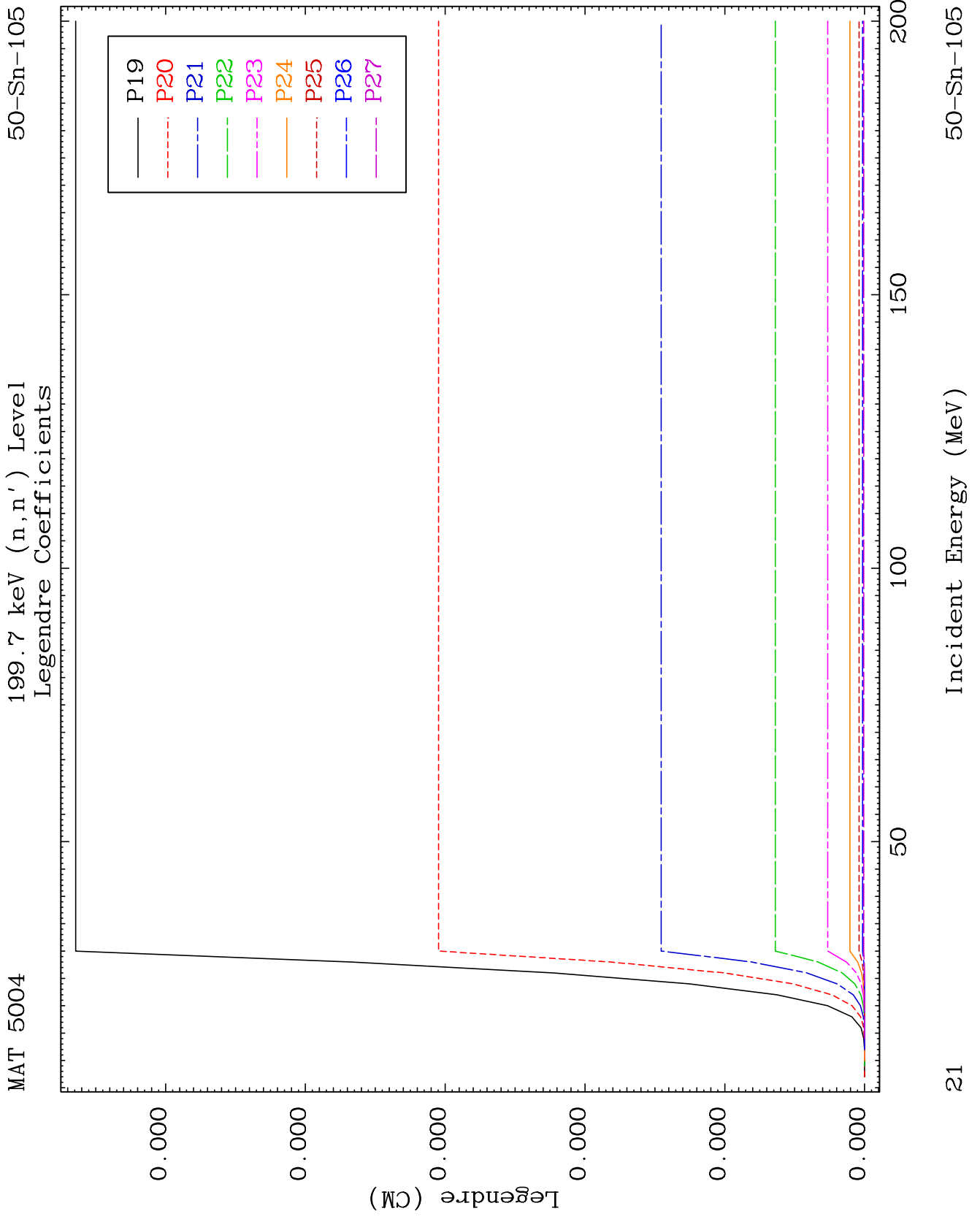
18

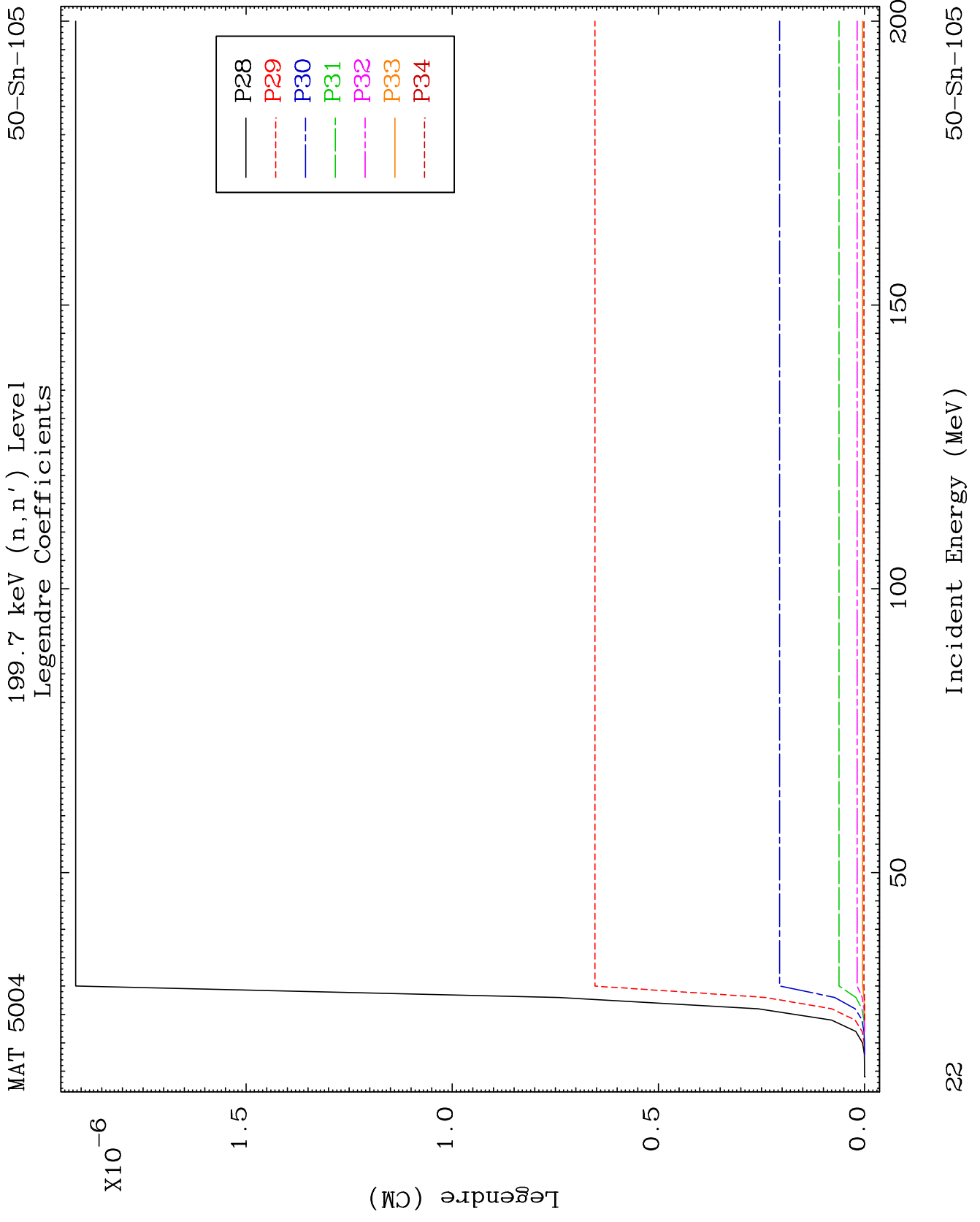
Incident Energy (MeV)

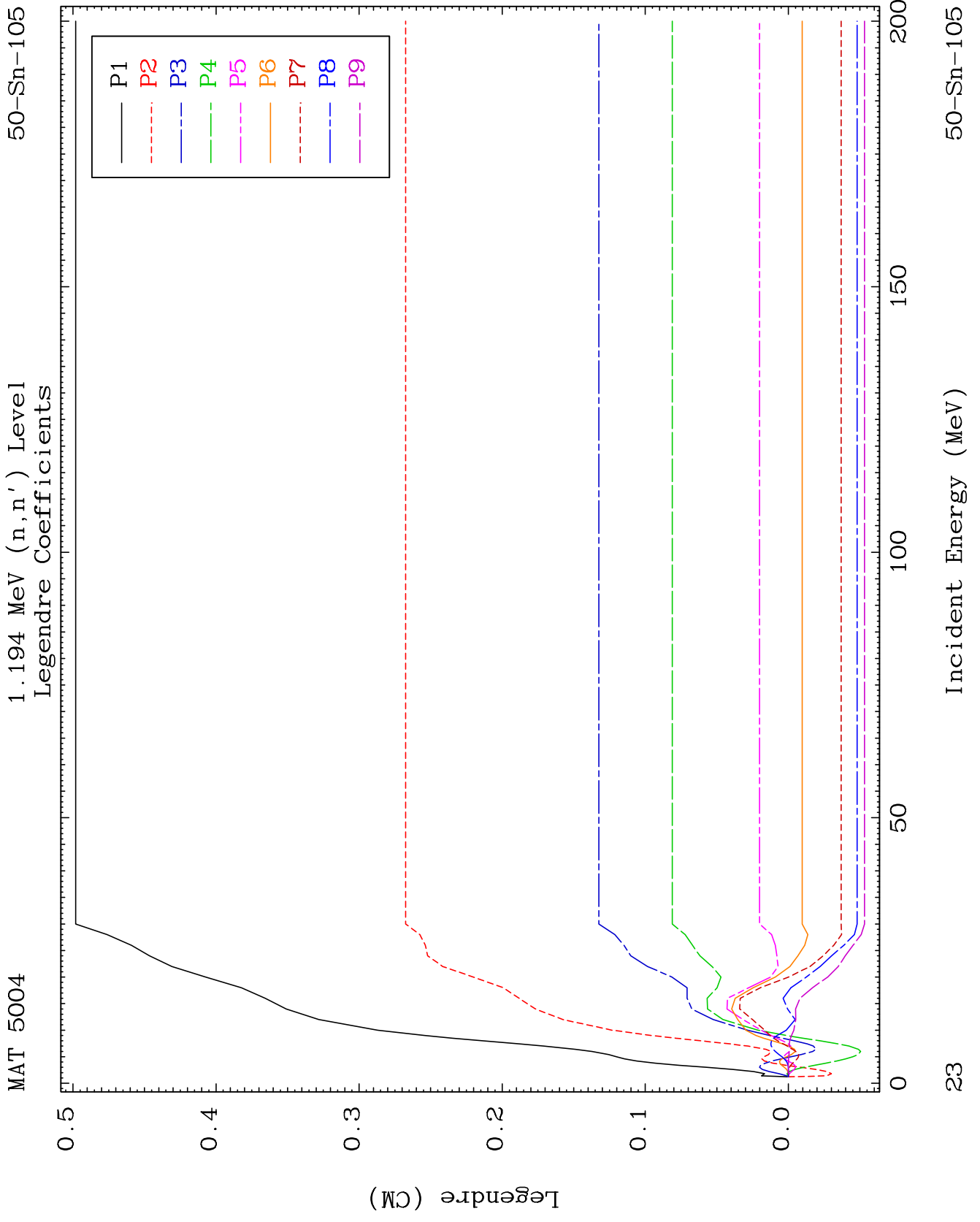
50-Sn-105



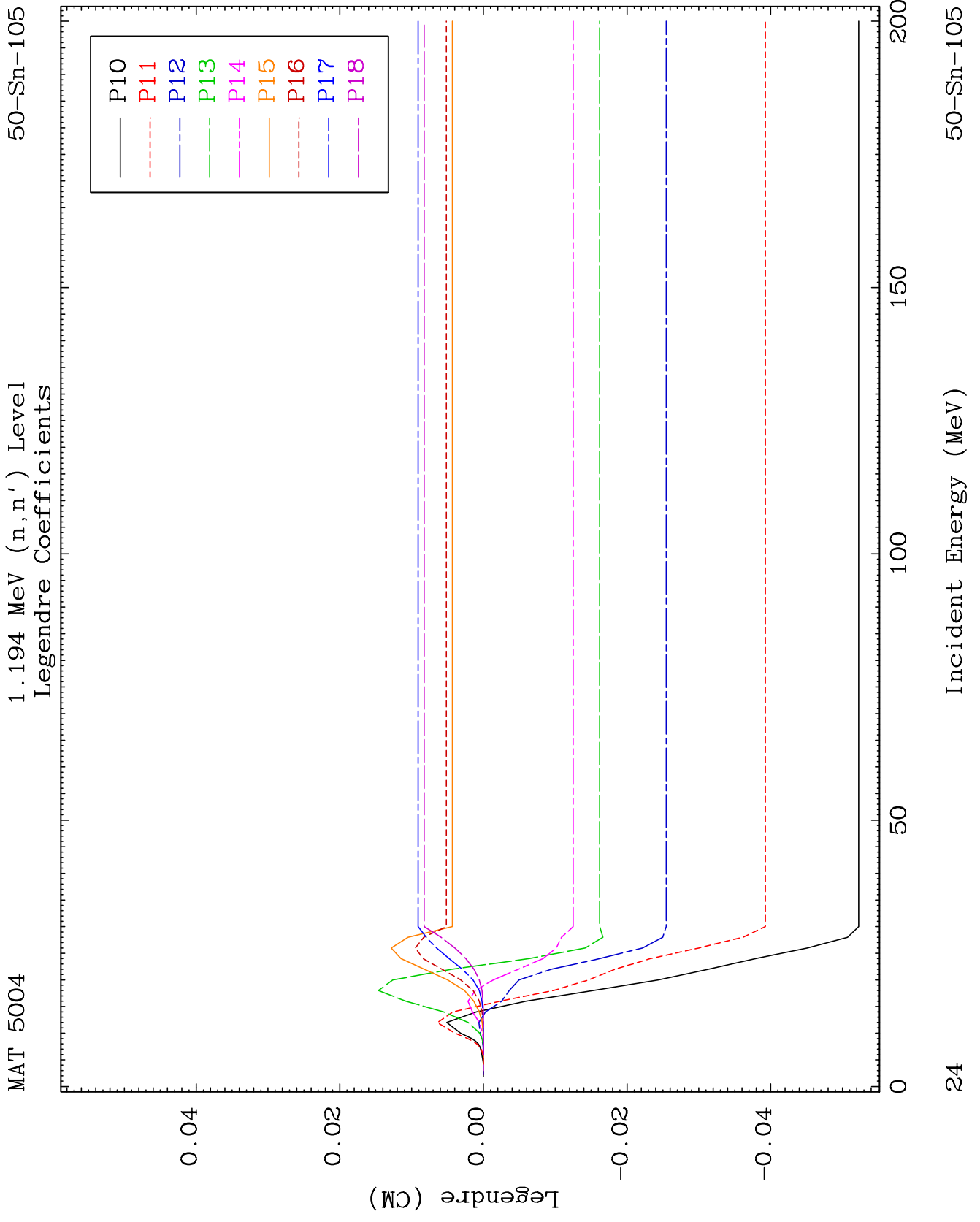


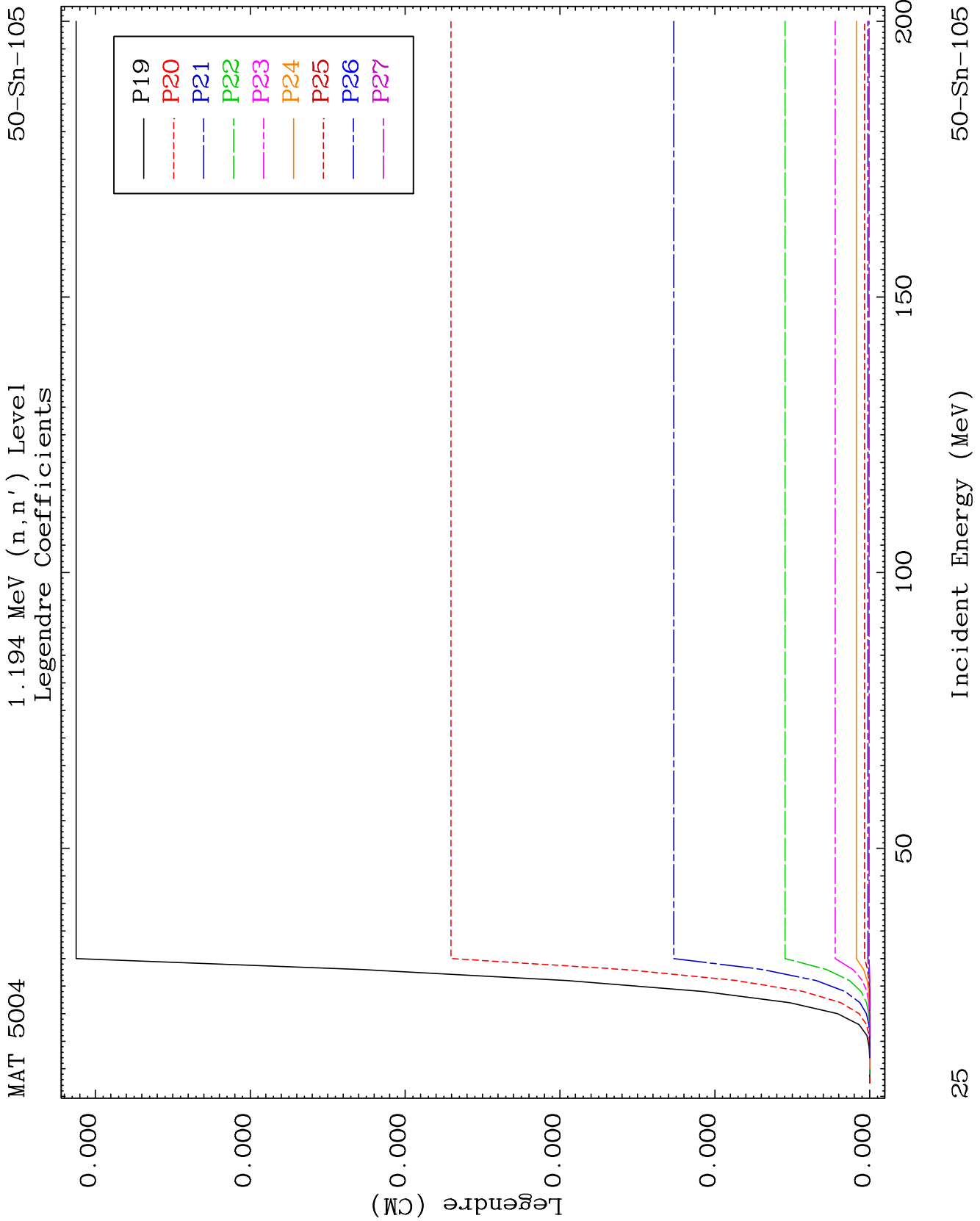


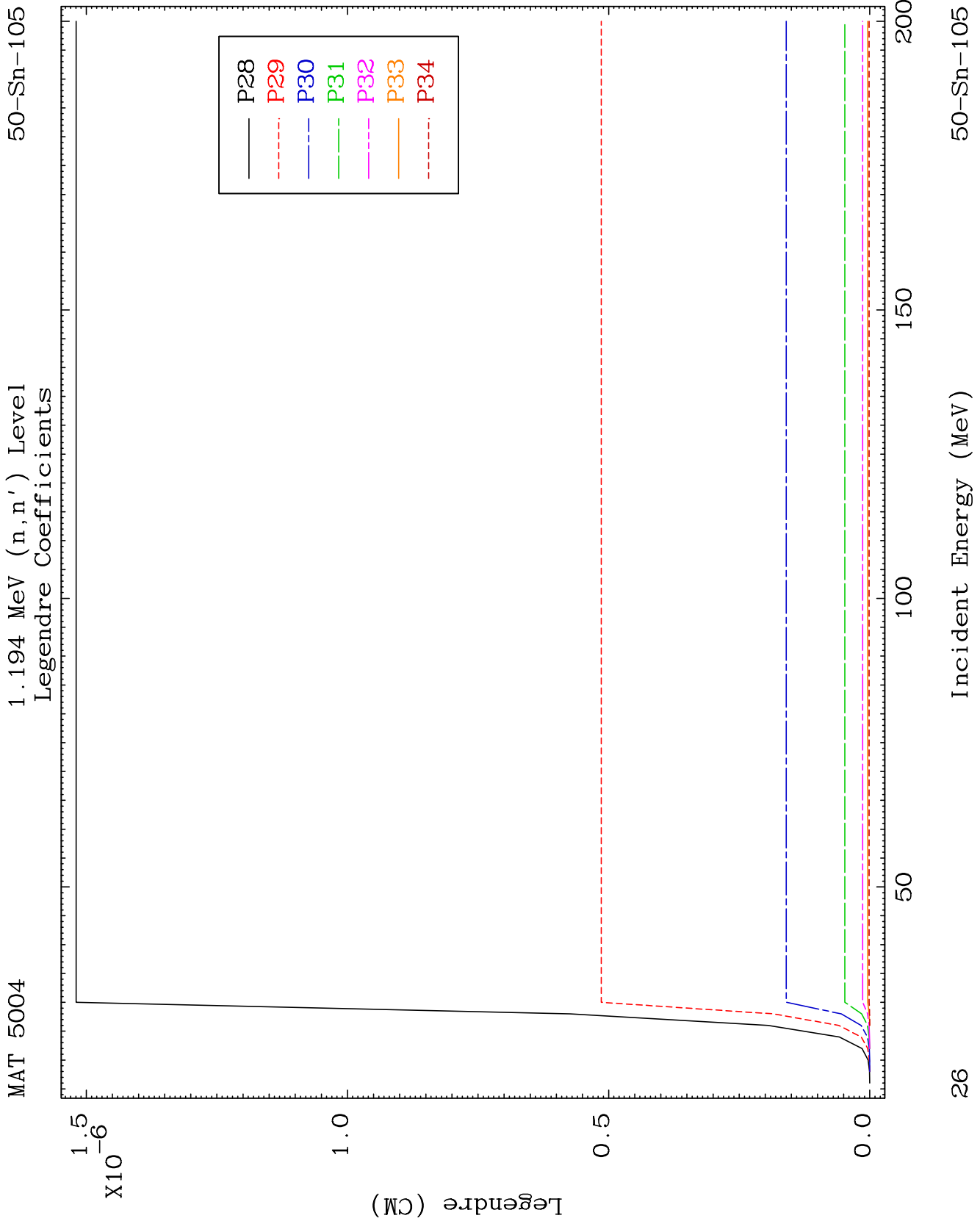




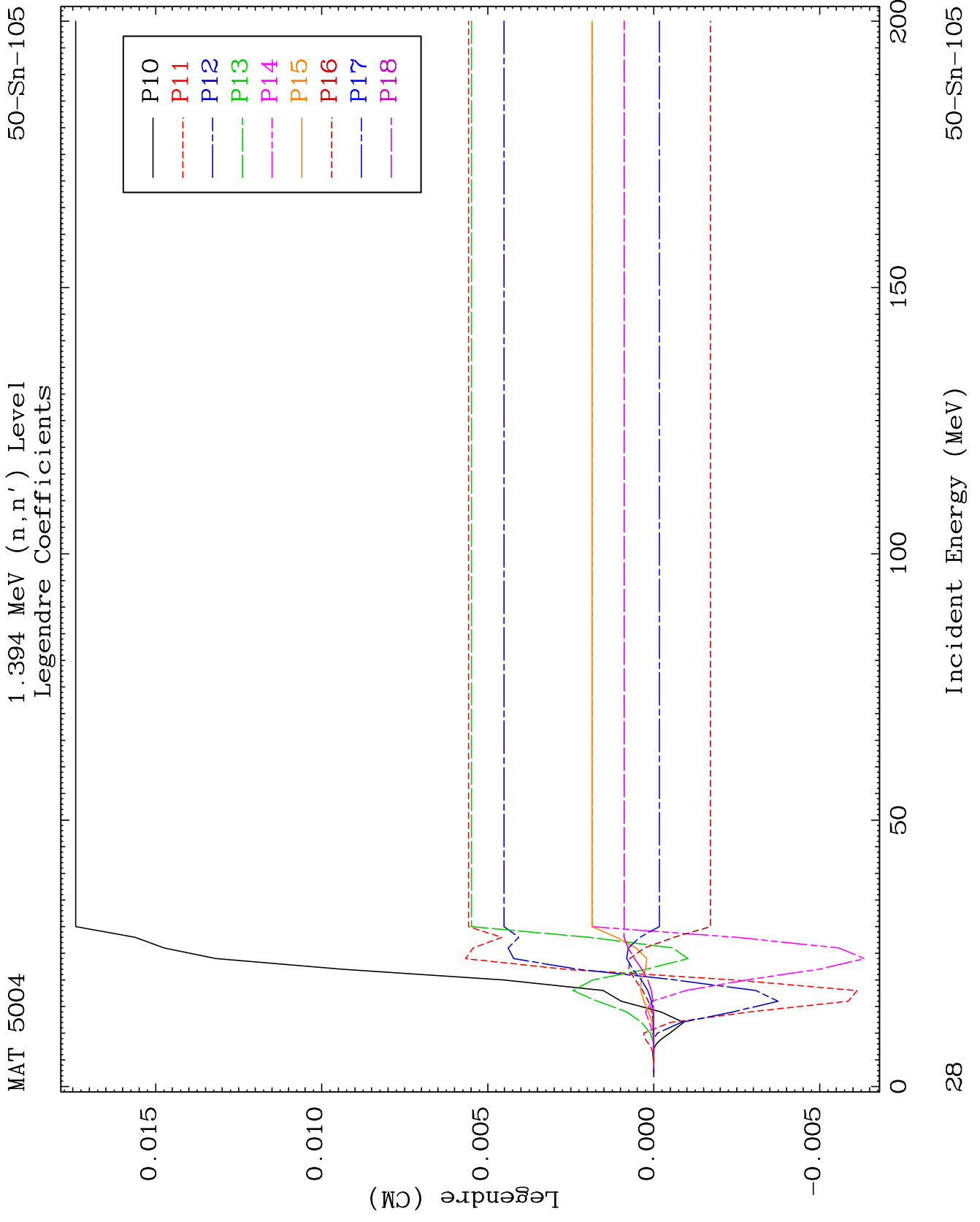








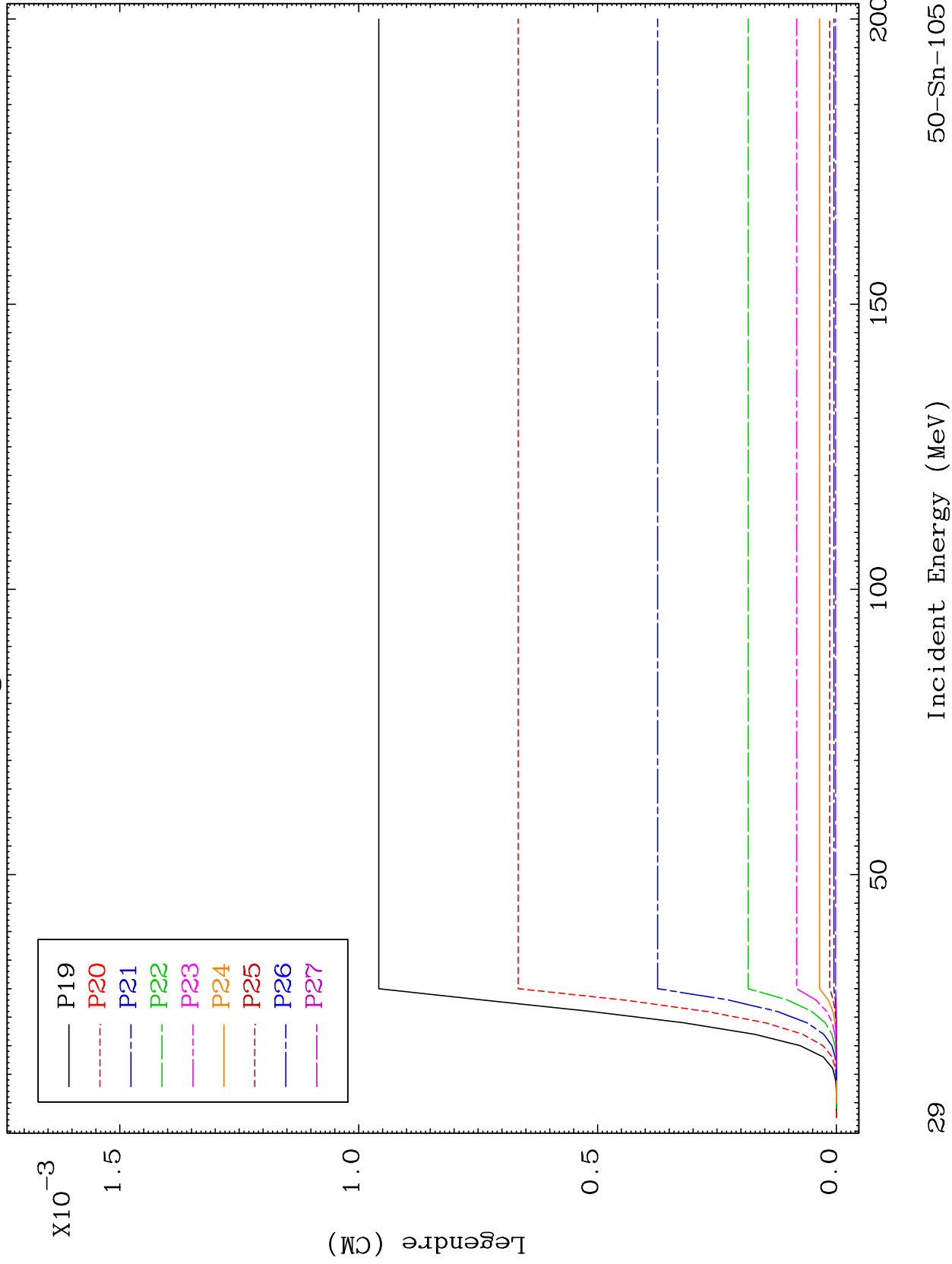


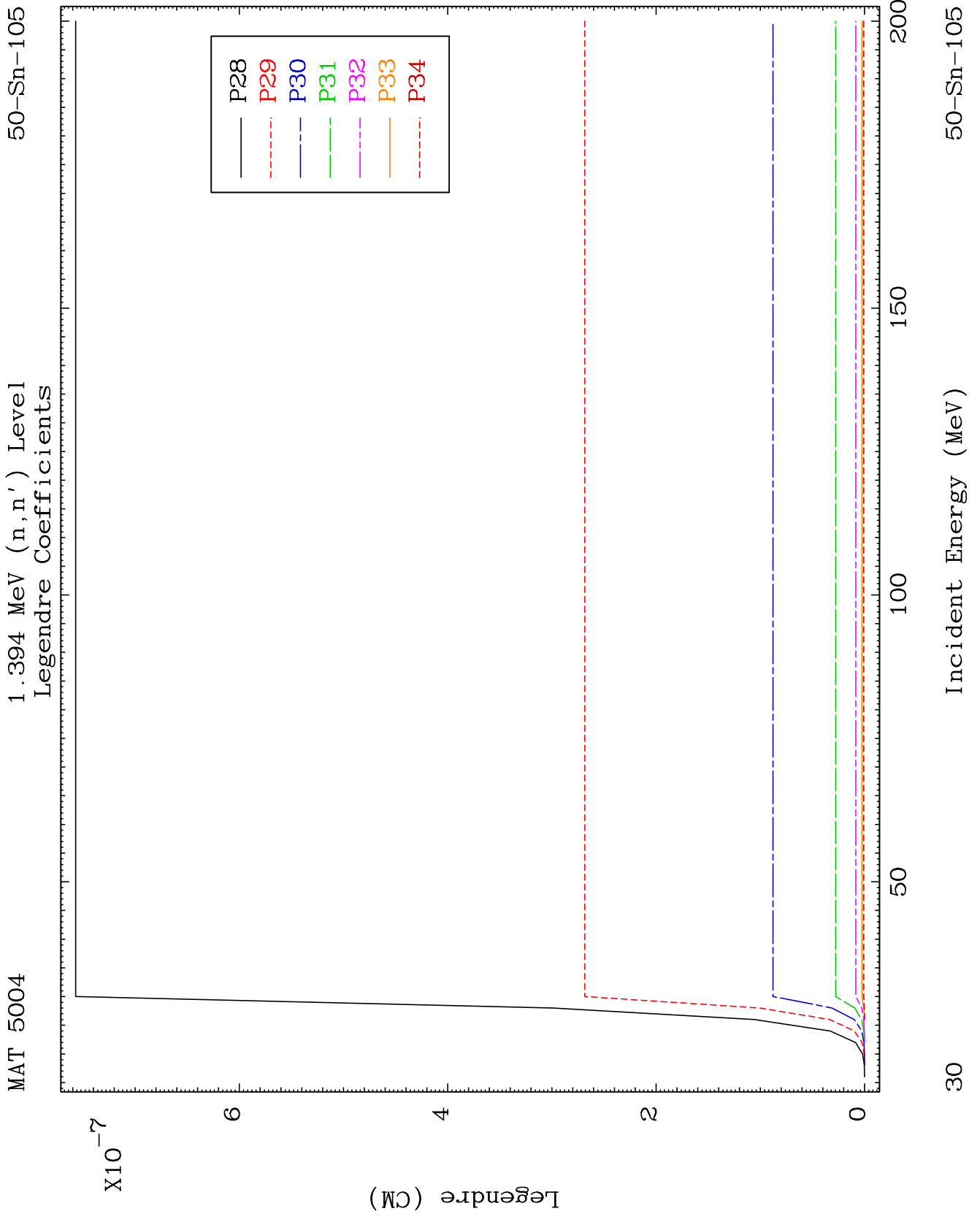


MAT 5004

1.394 MeV (n,n') Level  
Legendre Coefficients

50-Sn-105



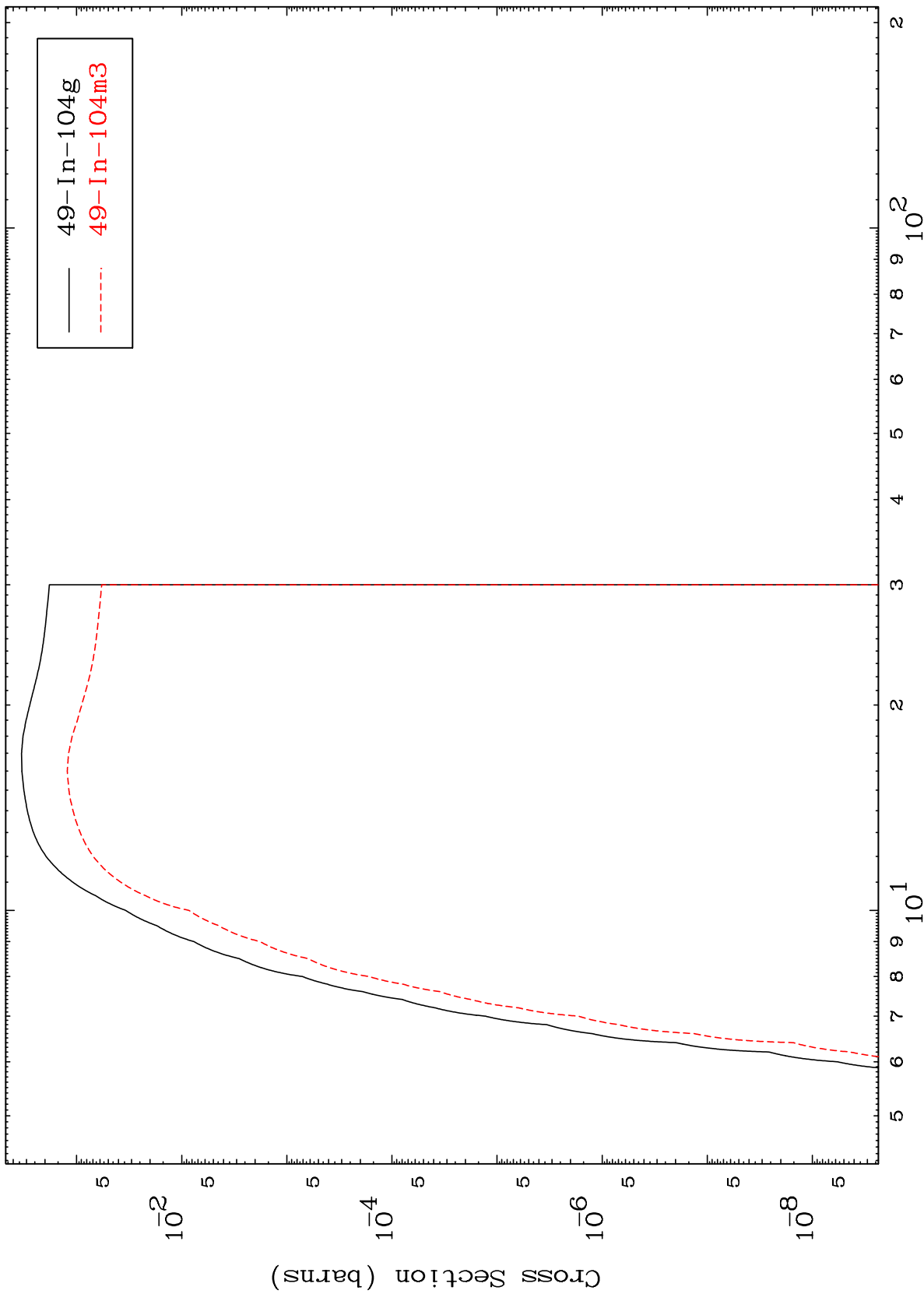


MAT 5004

(n,n') p

50-Sn-105

Radionuclide Production Cross Section



31

Incident Energy (MeV)

50-Sn-105

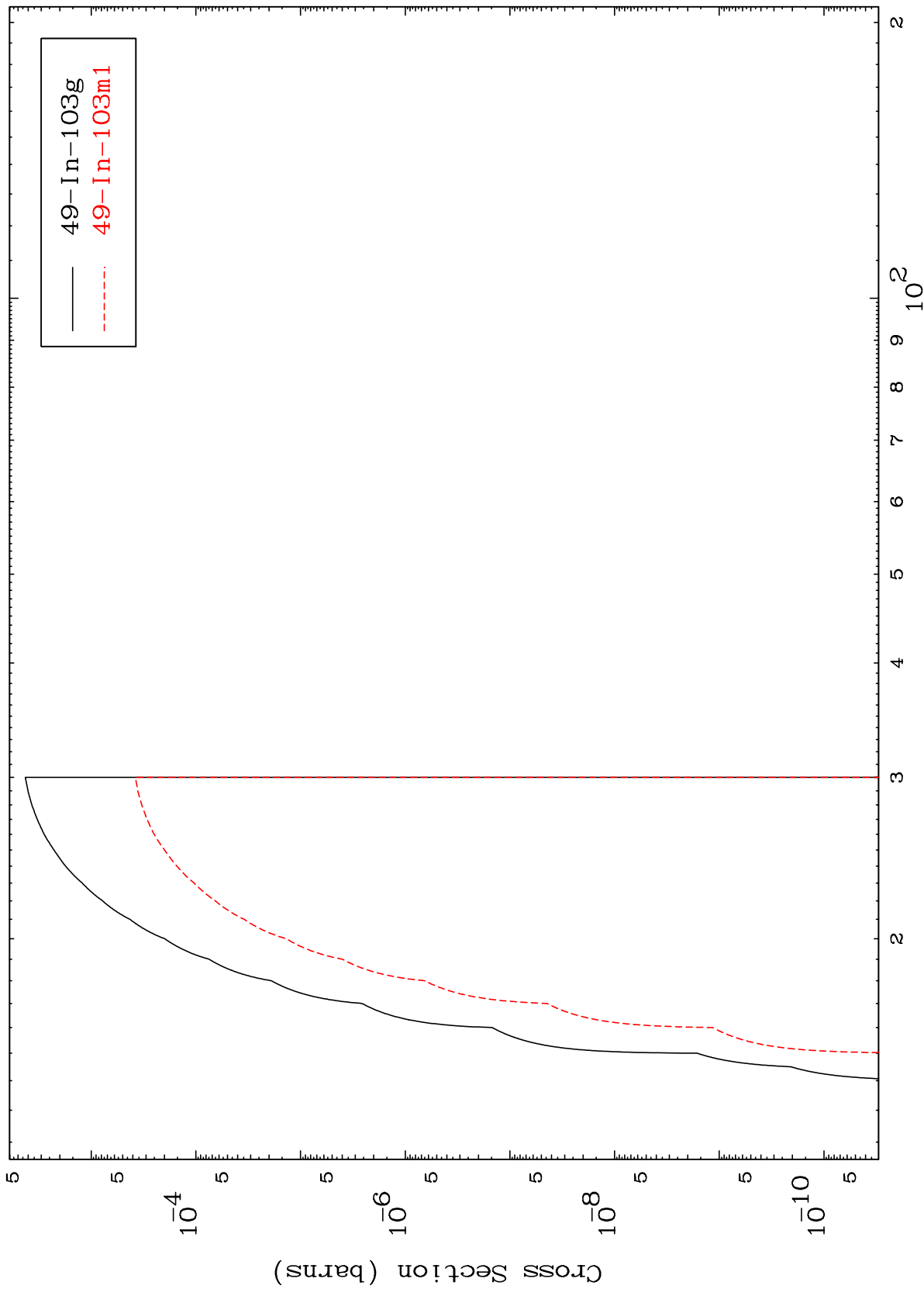


MAT 5004

(n,n') d

50-Sn-105

Radionuclide Production Cross Section



32

Incident Energy (MeV)

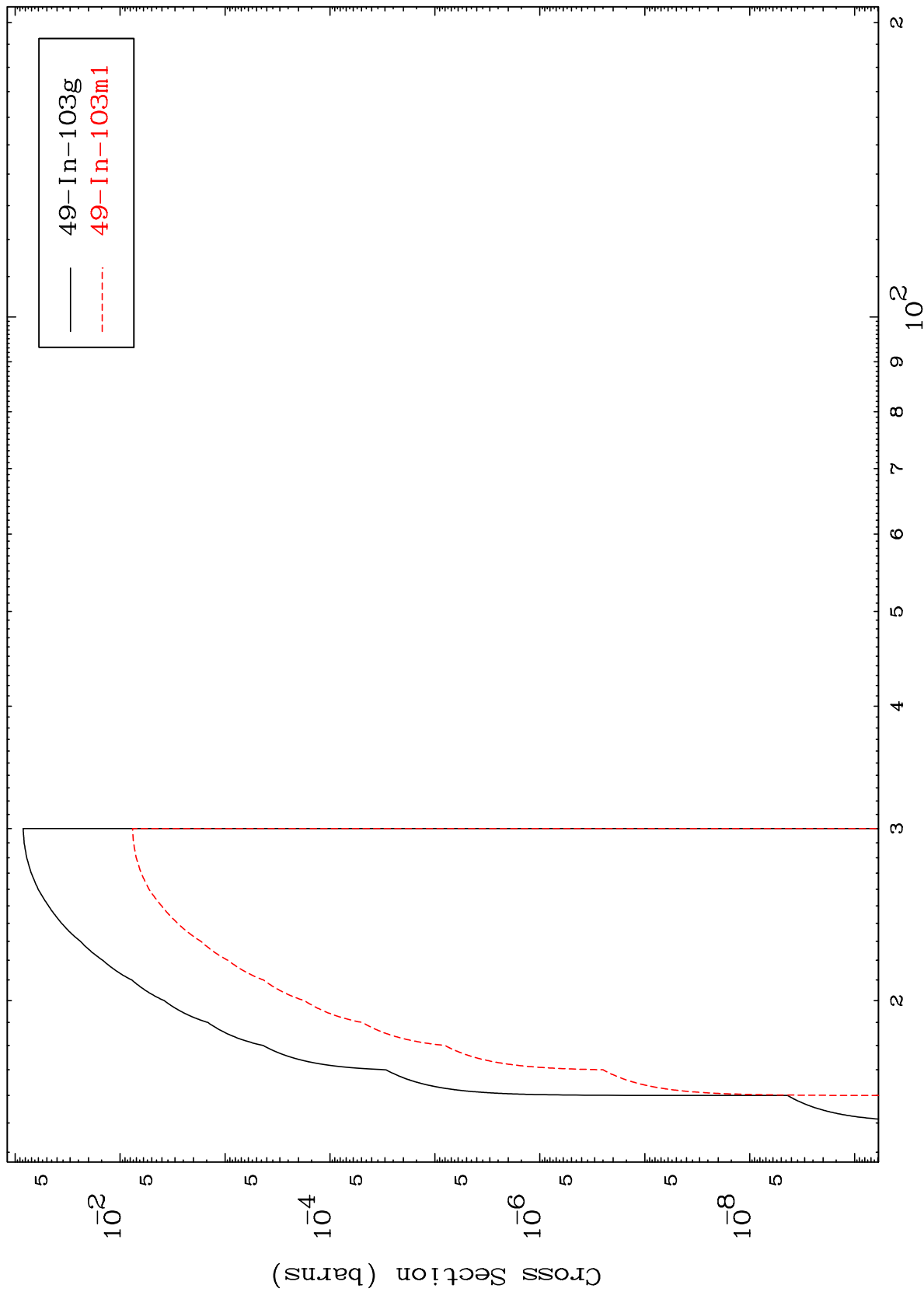
50-Sn-105

MAT 5004

(n,2n) p

50-Sn-105

Radionuclide Production Cross Section



49-In-103g  
49-In-103m1

Incident Energy (MeV)

50-Sn-105

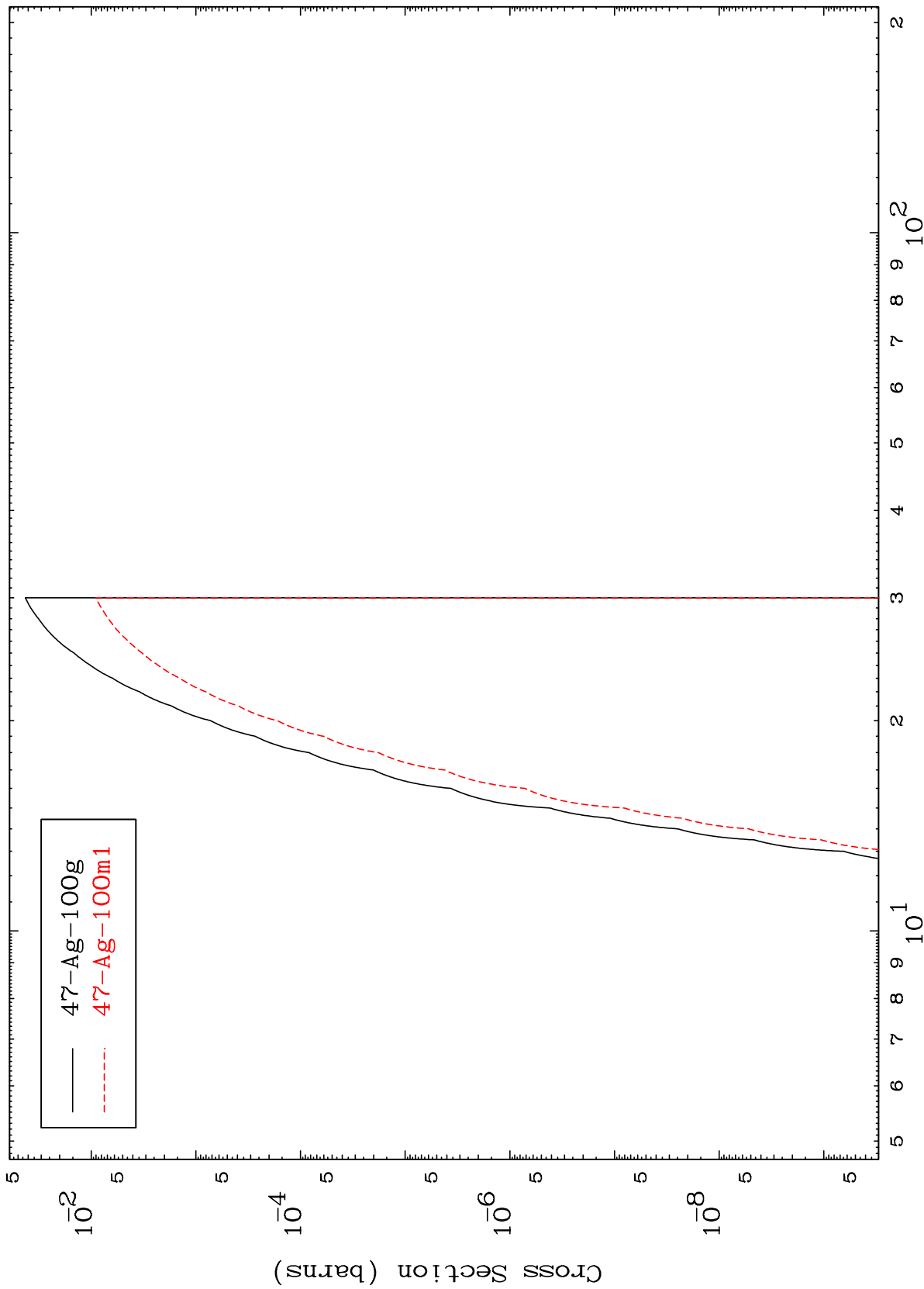
33

MAT 5004

(n,n') p  $\alpha$

50-Sn-105

Radionuclide Production Cross Section



34

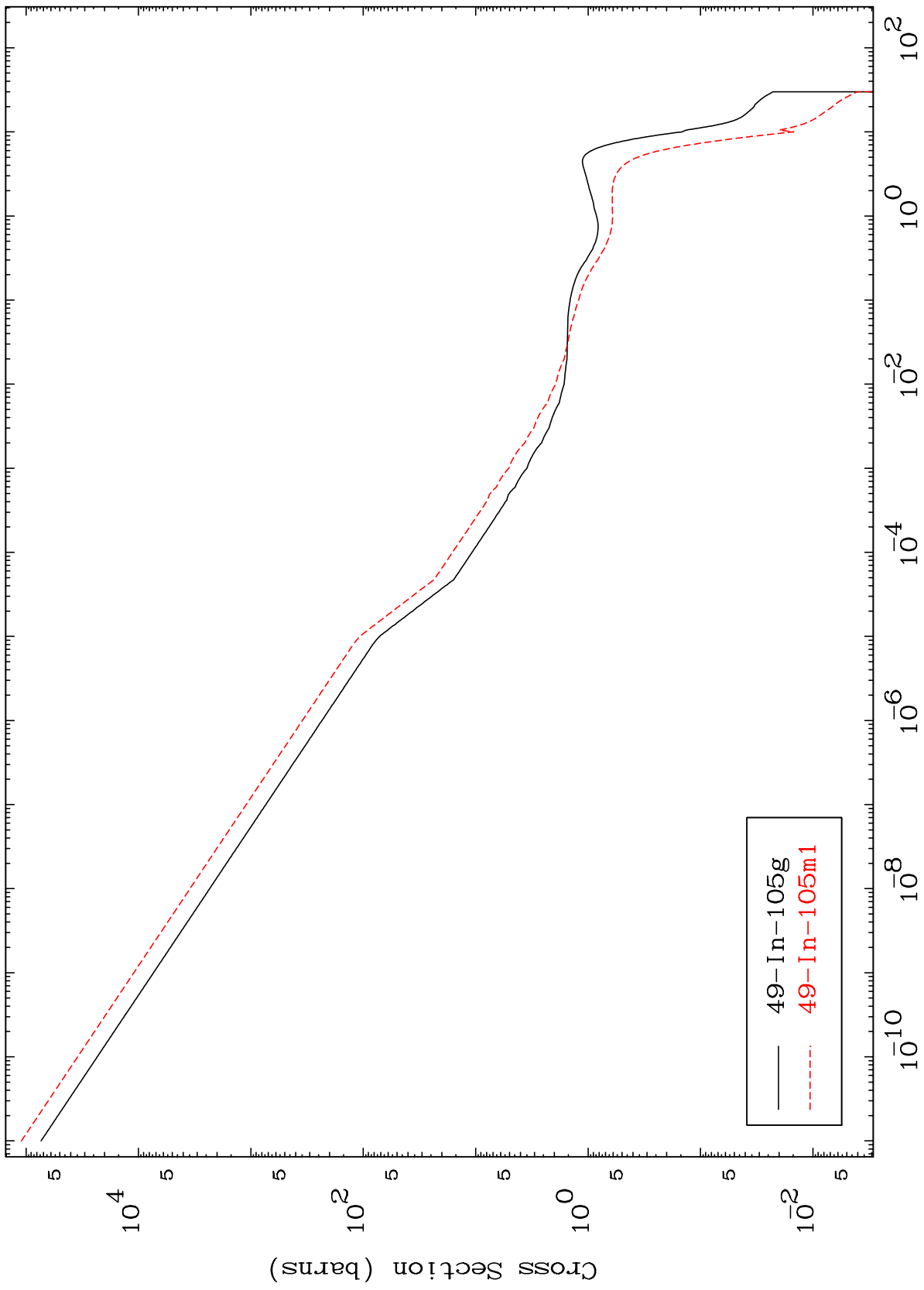
Incident Energy (MeV)

50-Sn-105

MAT 5004

50-Sn-105

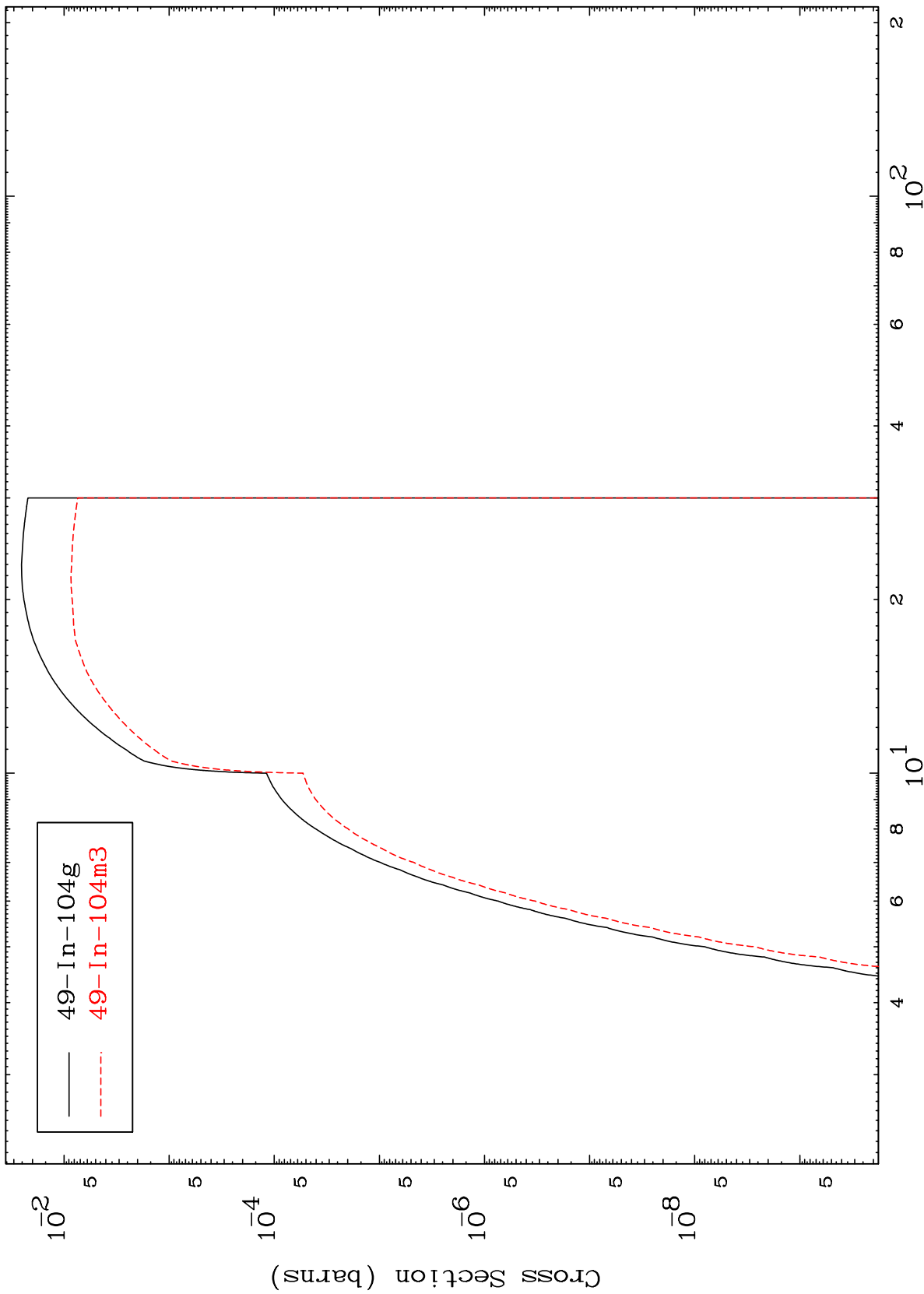
(n,p)  
Radionuclide Production Cross Section



MAT 5004

50-Sn-105

(n,d)  
Radionuclide Production Cross Section



— 49-In-104g  
- - - 49-In-104m3

50-Sn-105

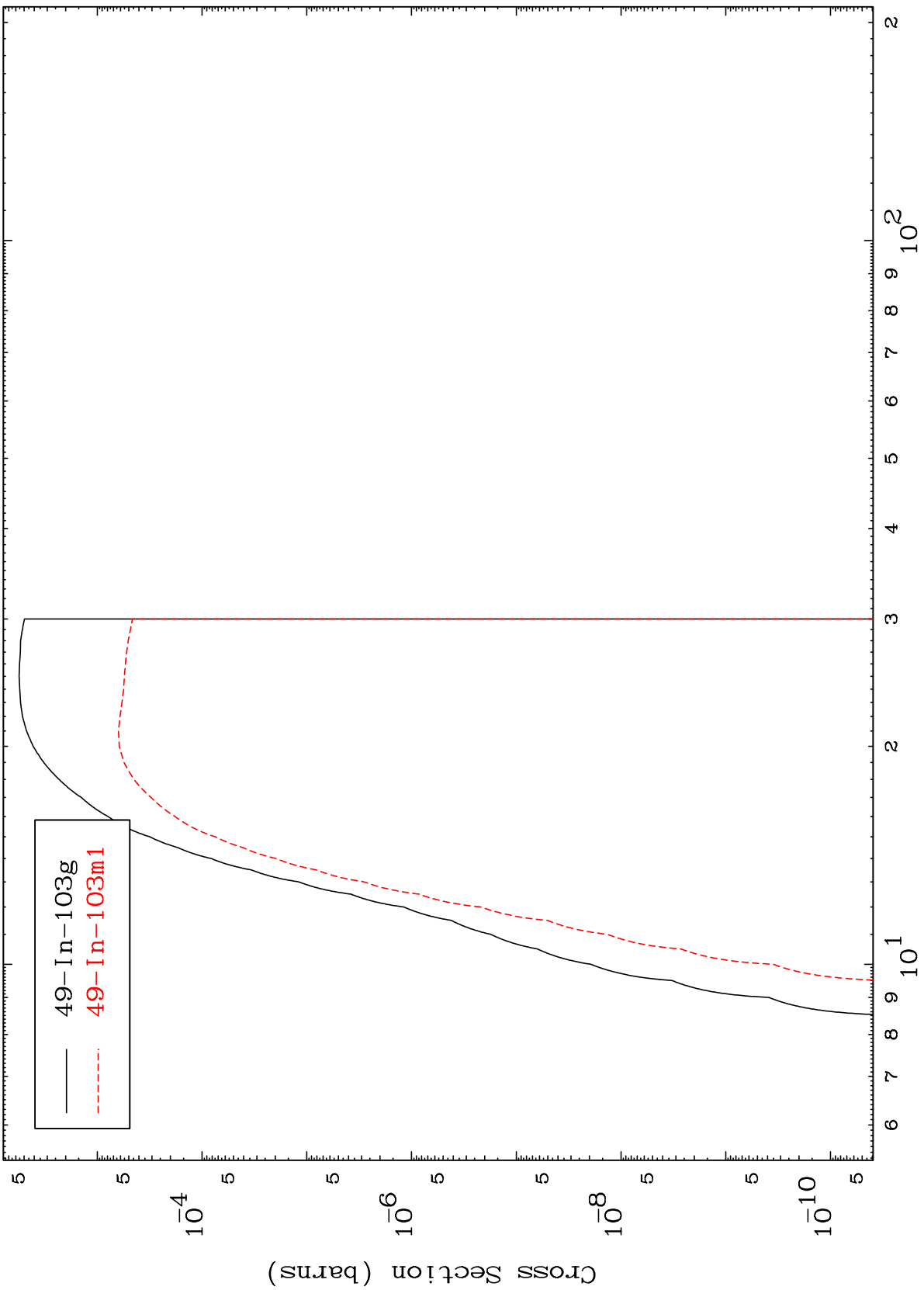
Incident Energy (MeV)

36

MAT 5004

50-Sn-105

(n, t)  
Radionuclide Production Cross Section



37

Incident Energy (MeV)

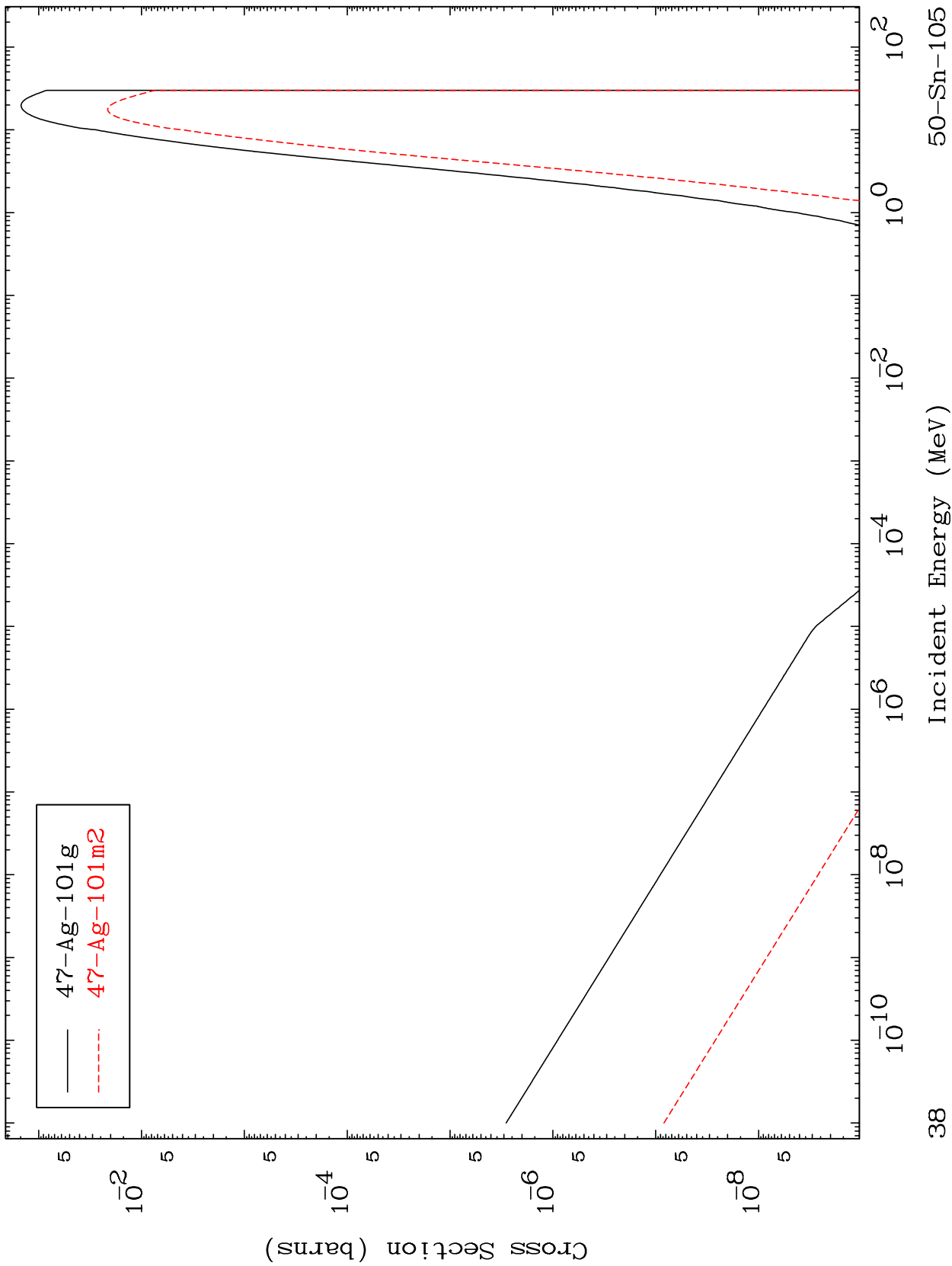
50-Sn-105

MAT 5004

(n,p)  $\alpha$

50-Sn-105

Radionuclide Production Cross Section

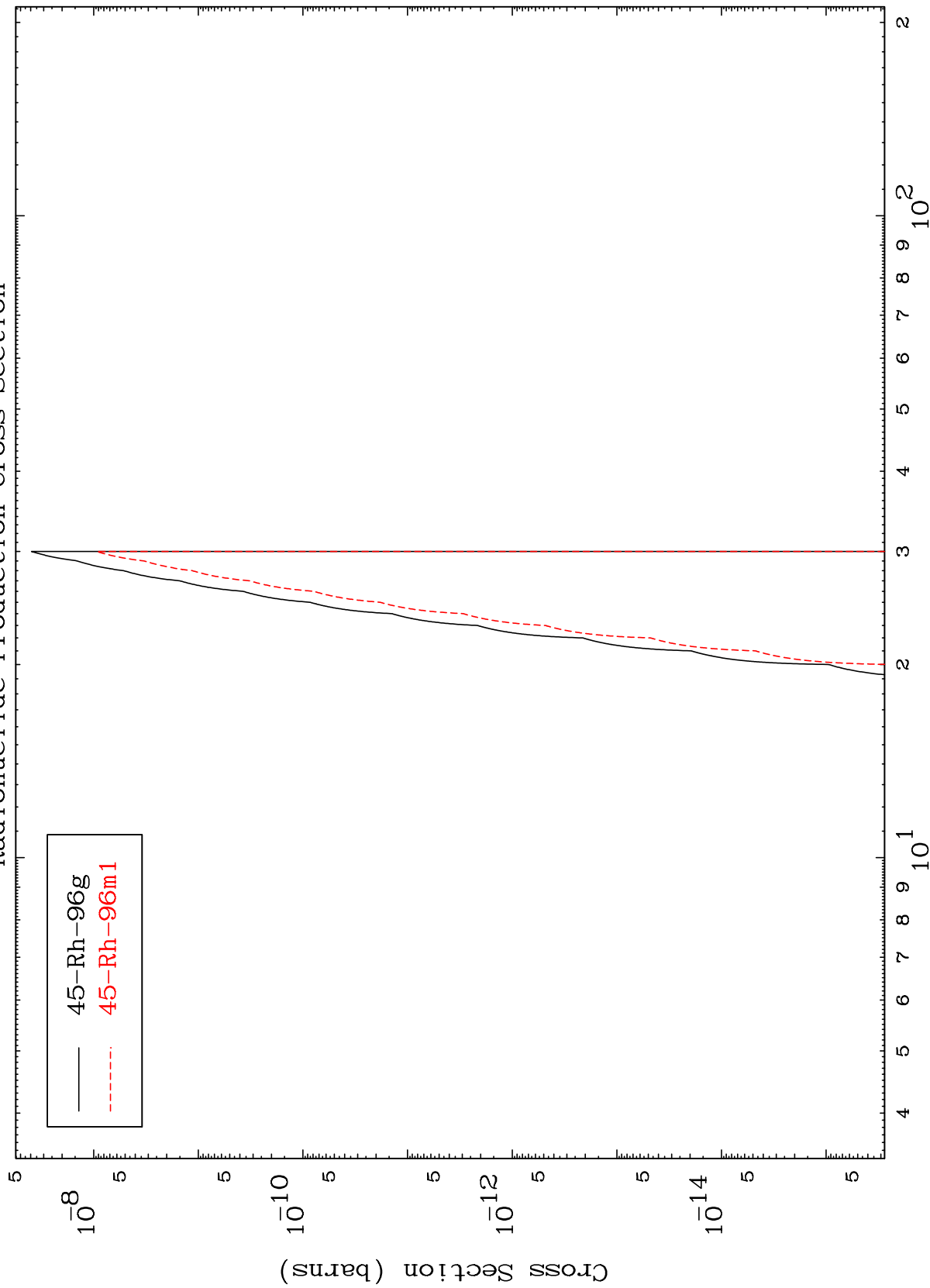


MAT 5004

(n,d)  $2\alpha$

50-Sn-105

Radionuclide Production Cross Section



45-Rh-96g  
45-Rh-96m1

39

Incident Energy (MeV)

50-Sn-105

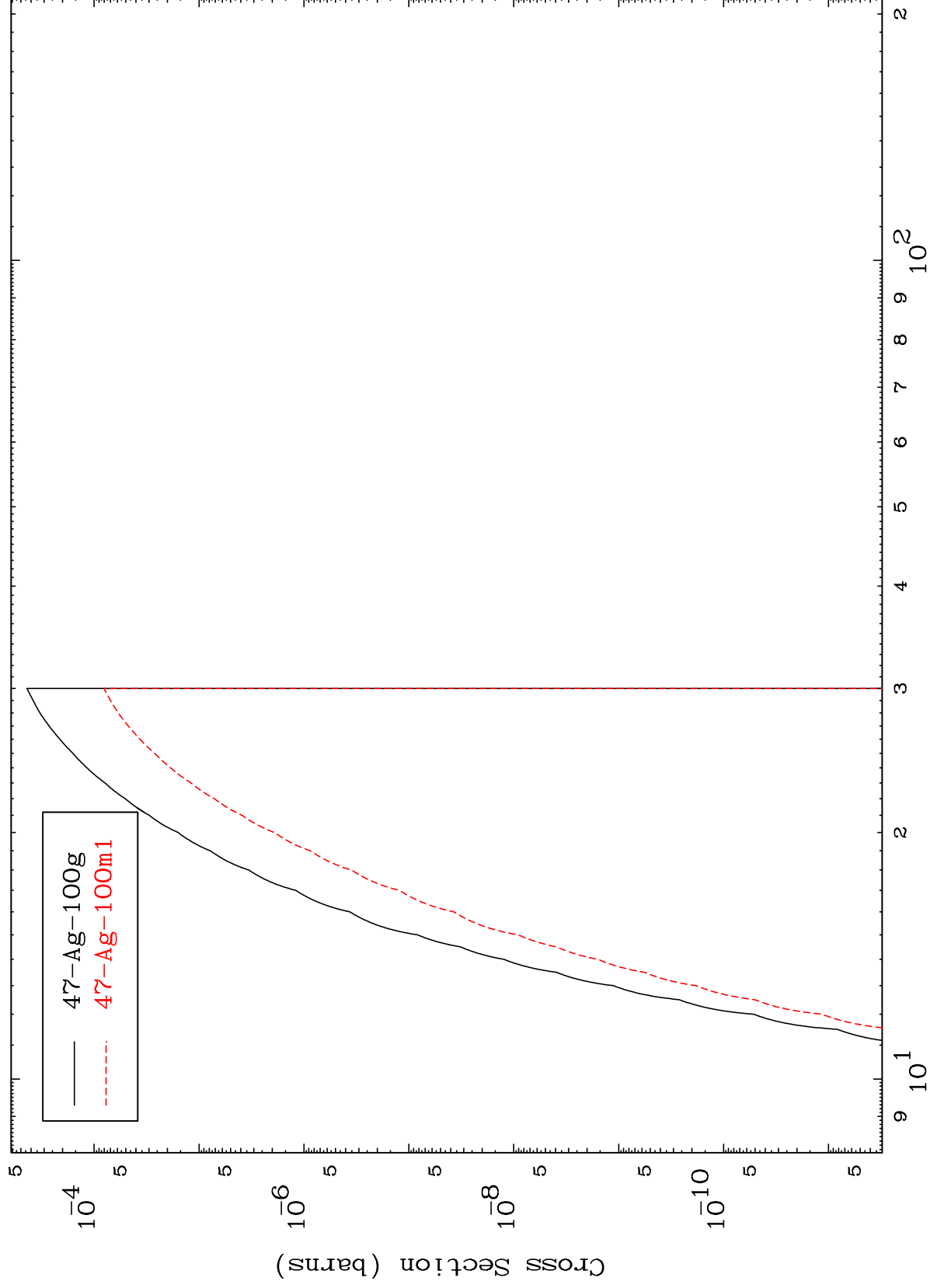


MAT 5004

50-Sn-105

(n,d)  $\alpha$

Radionuclide Production Cross Section



Incident Energy (MeV)

50-Sn-105

40