

Program EVALPLOT  
(Version 2018-1)

by

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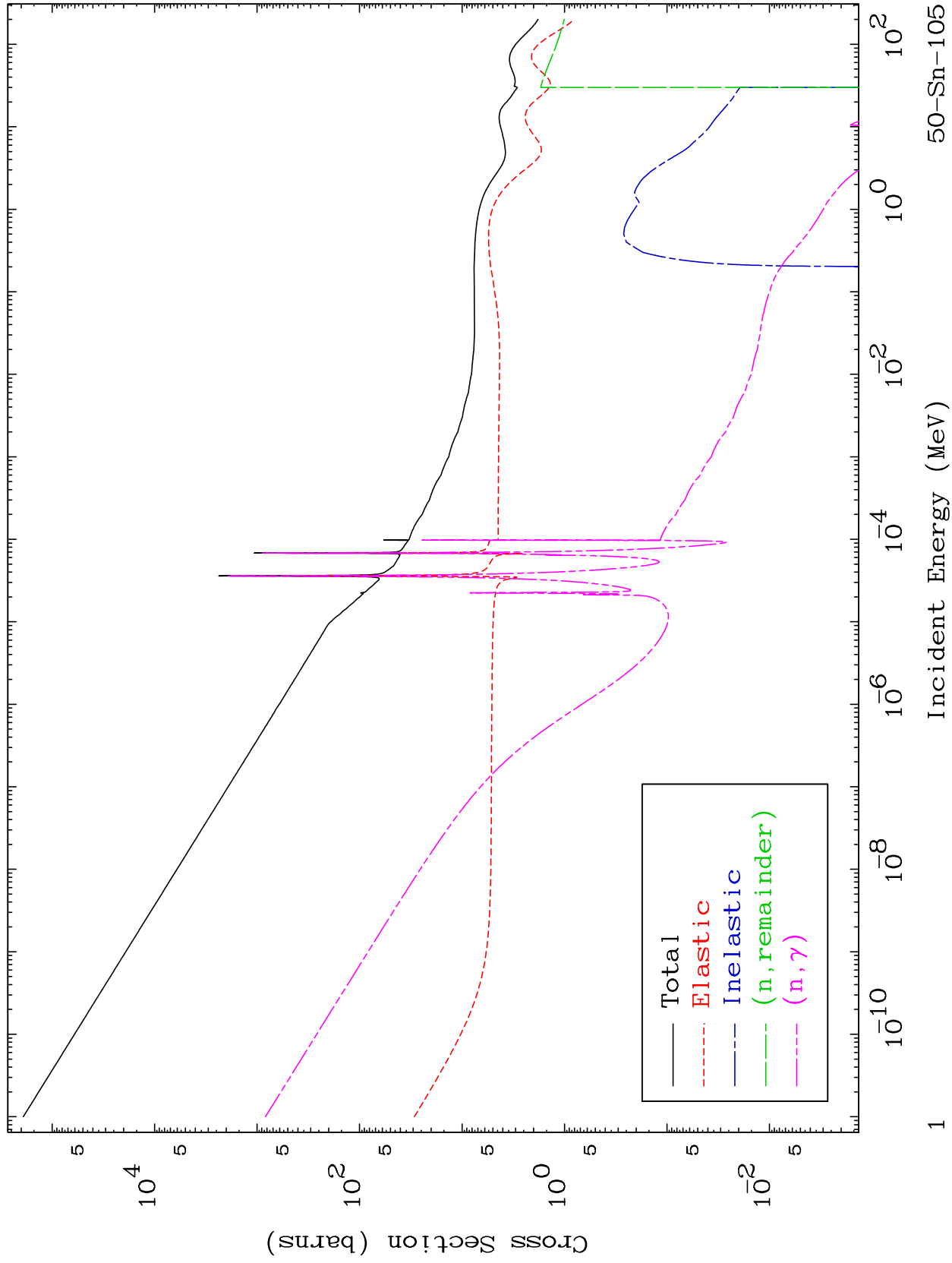
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5004

Major  
293 Kelvin Cross Sections

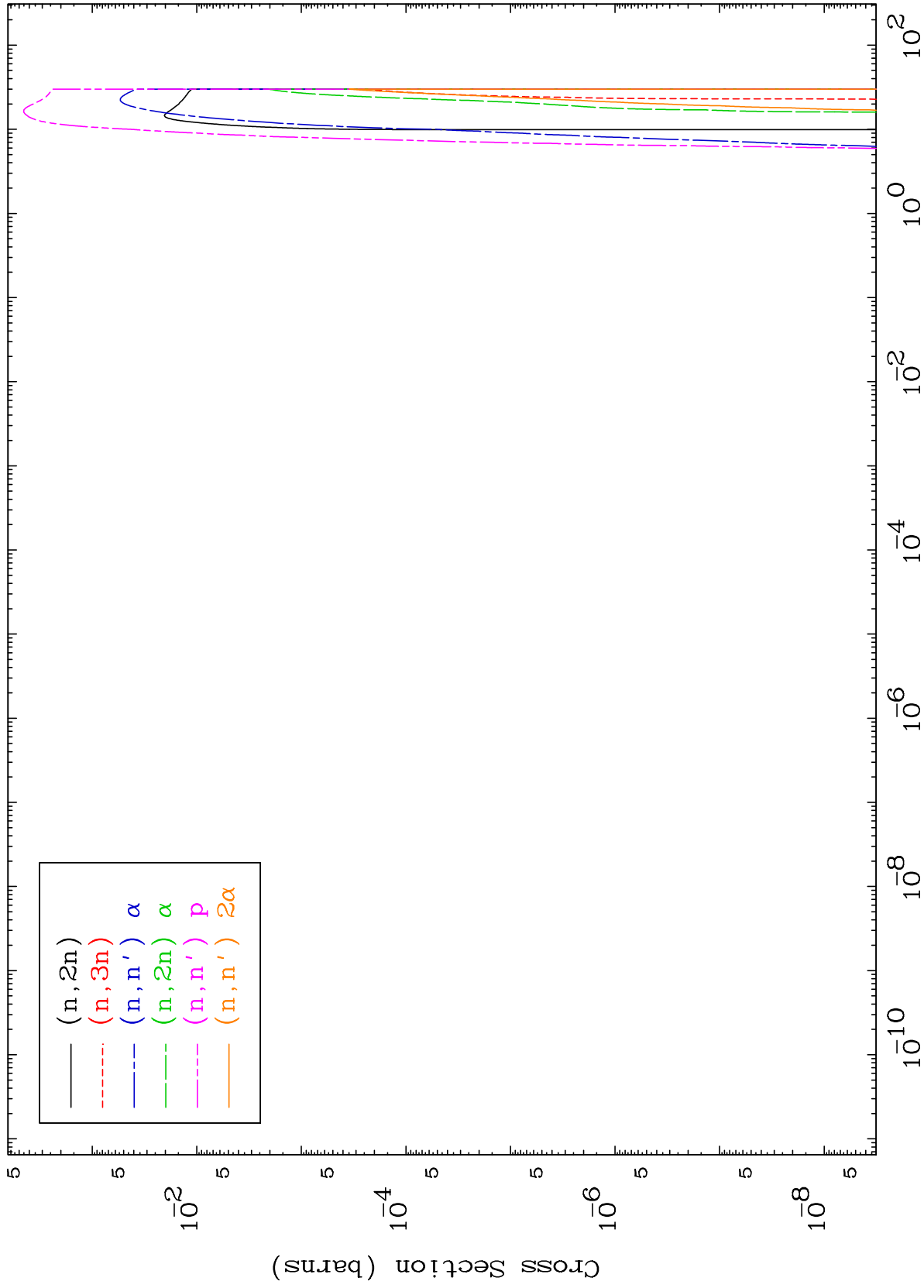
50-Sn-105



MAT 5004

Neutron Production  
293 Kelvin Cross Sections

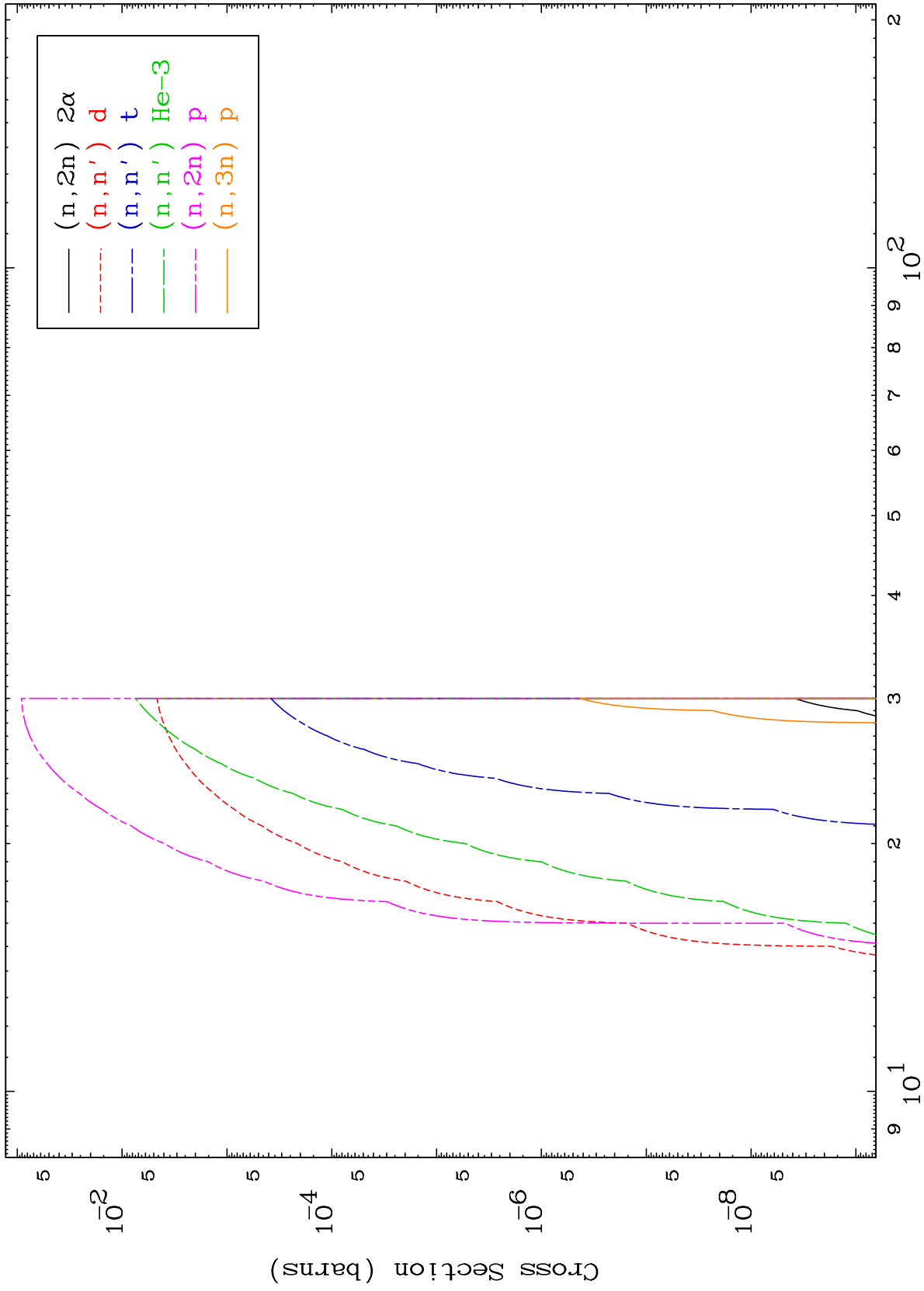
50-Sn-105



MAT 5004

Neutron Production  
293 Kelvin Cross Sections

50-Sn-105



3

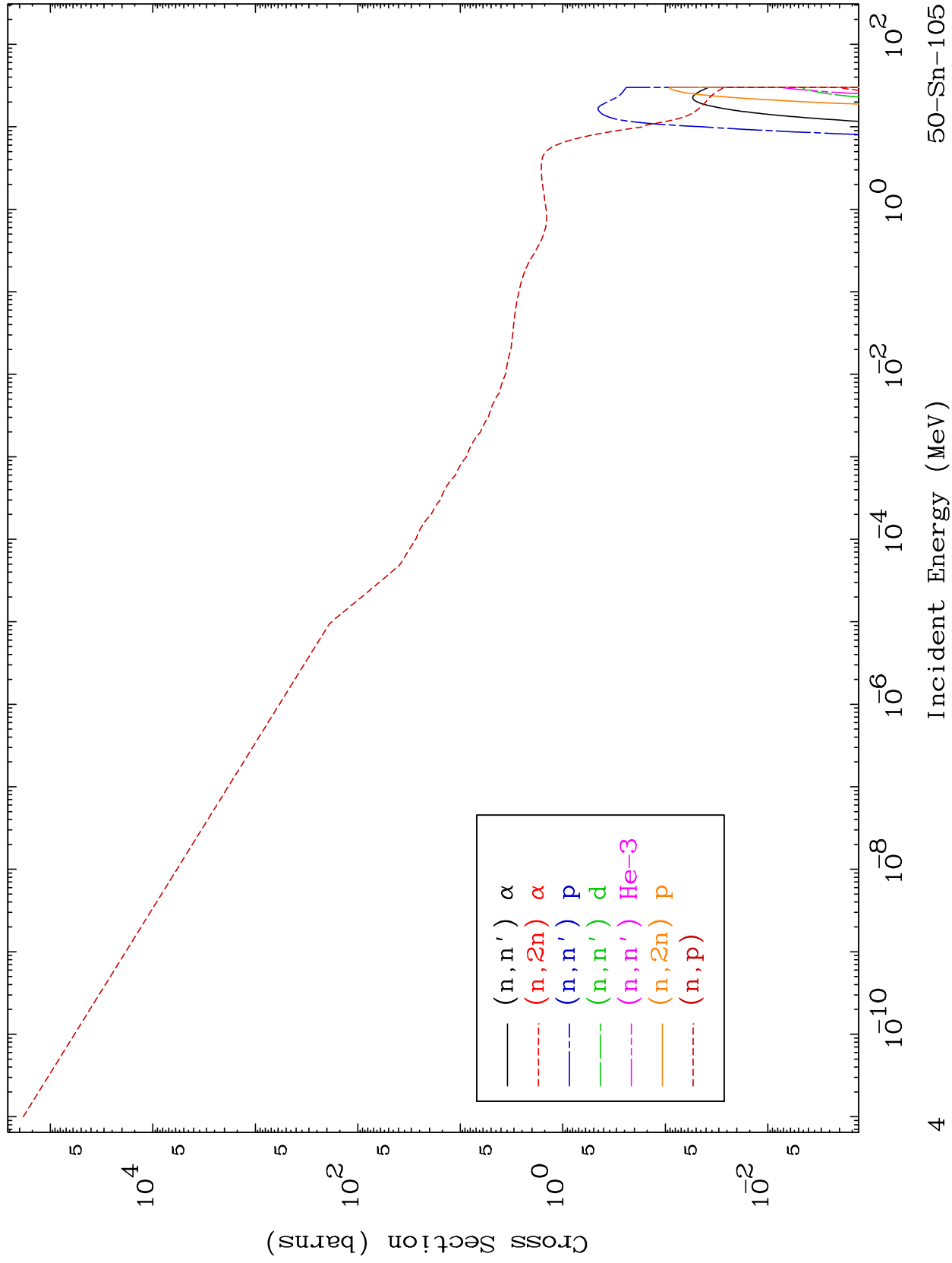
Incident Energy (MeV)

50-Sn-105

MAT 5004

293 Kelvin Cross Sections

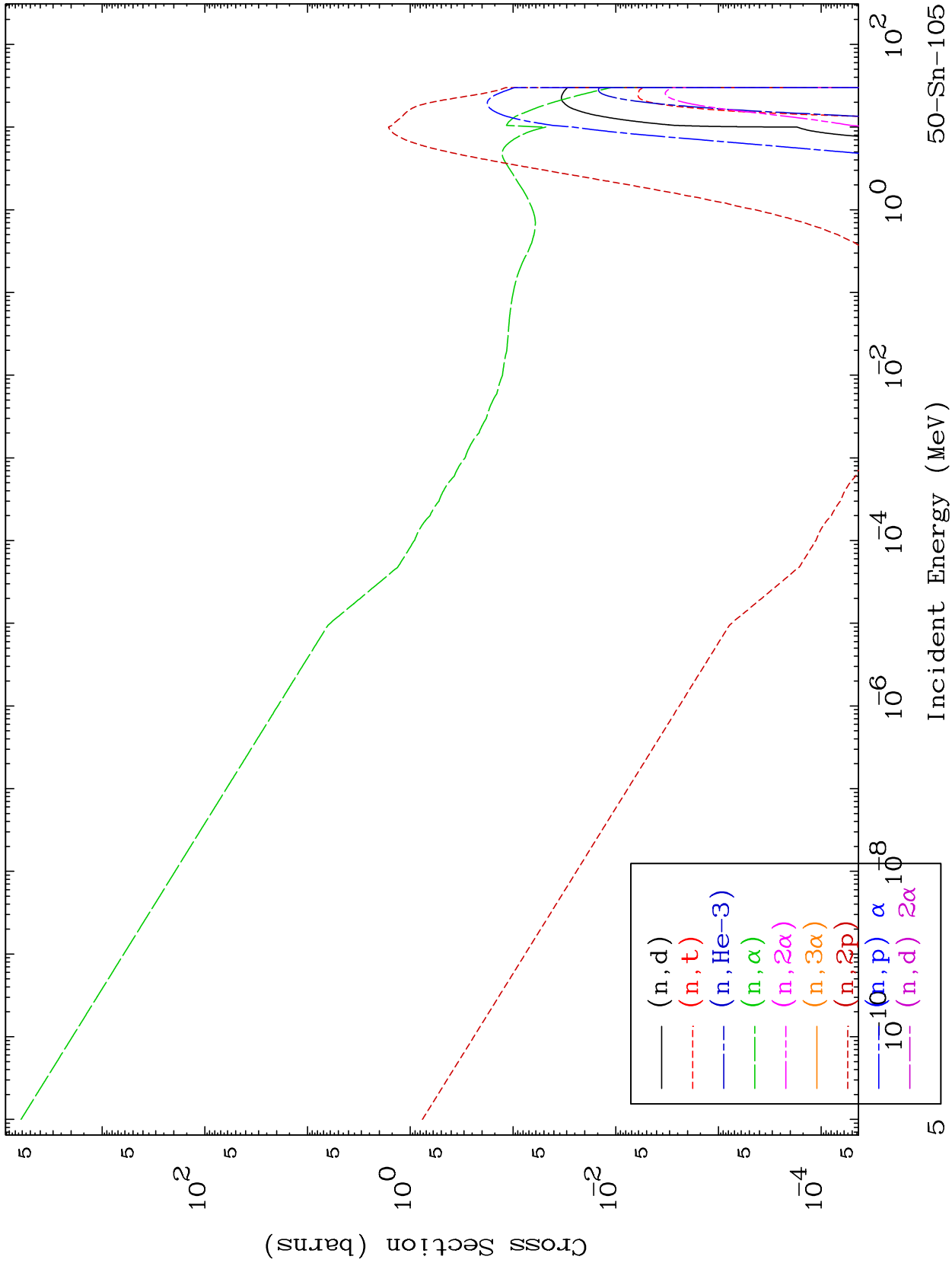
50-Sn-105



MAT 5004

293 Kelvin Cross Sections

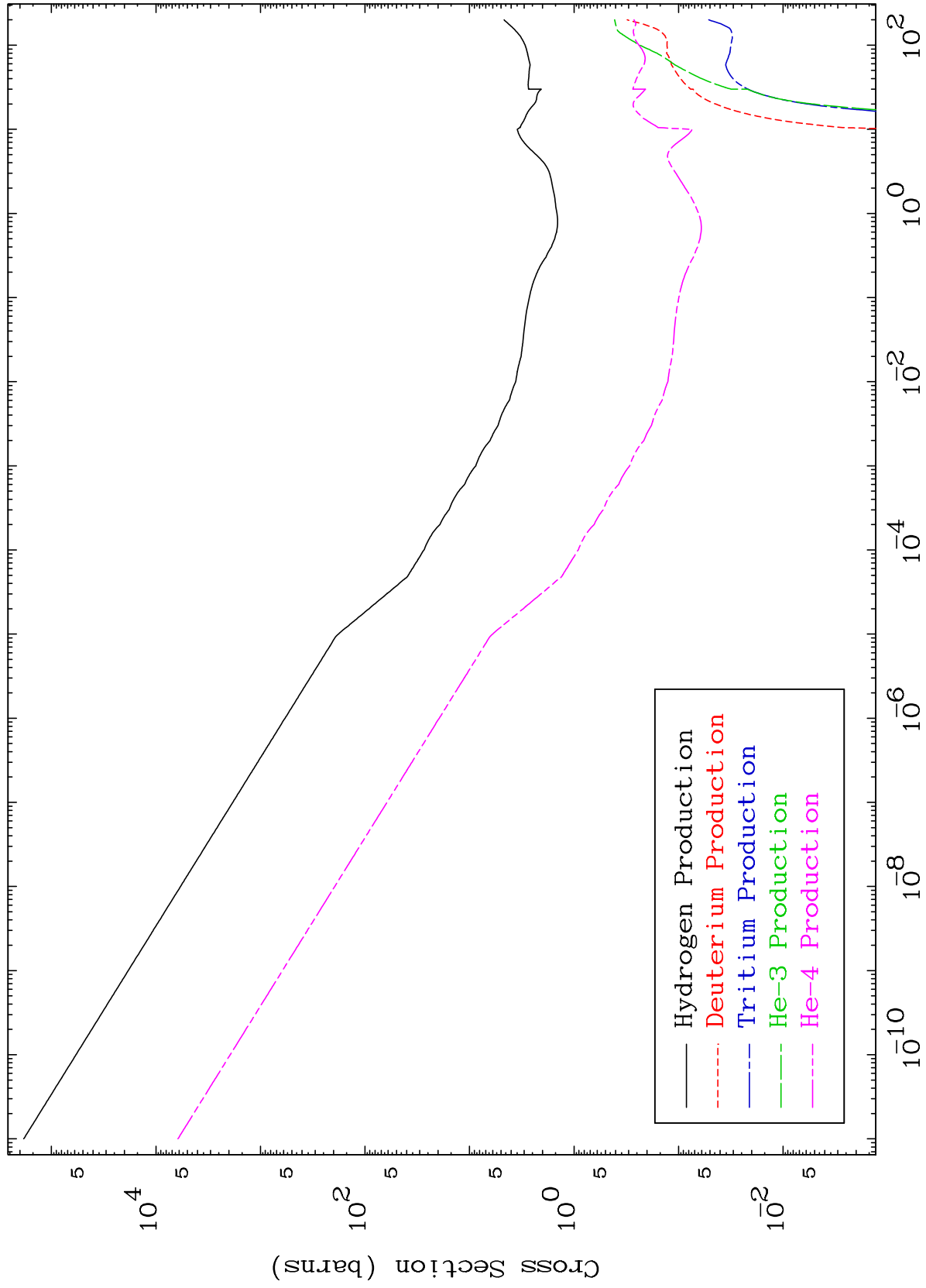
50-Sn-105



MAT 5004

Particle Production  
293 Kelvin Cross Sections

50-Sn-105

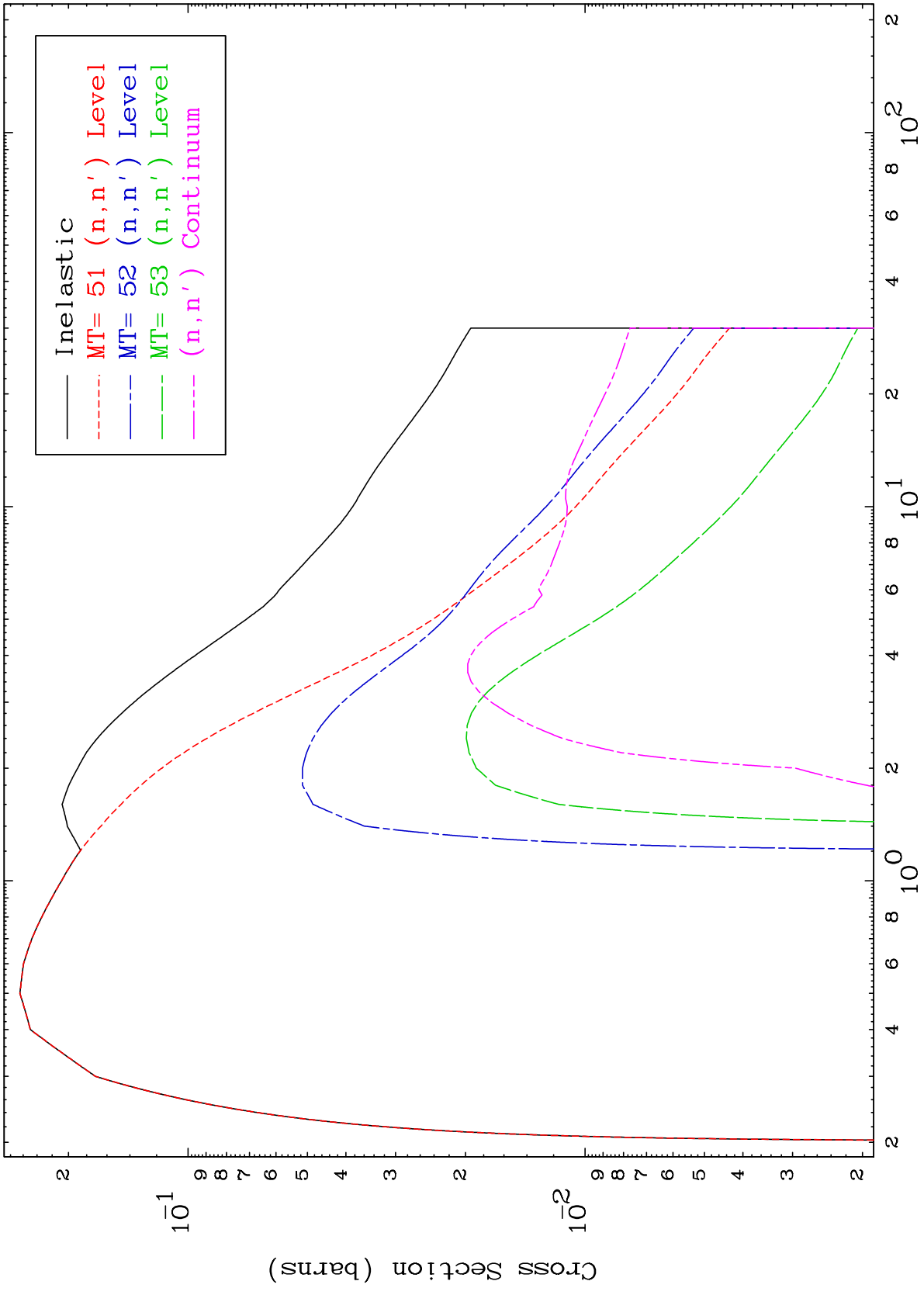


MAT 5004

(n,n') Level

50-Sn-105

293 Kelvin Cross Sections



7

Incident Energy (MeV)

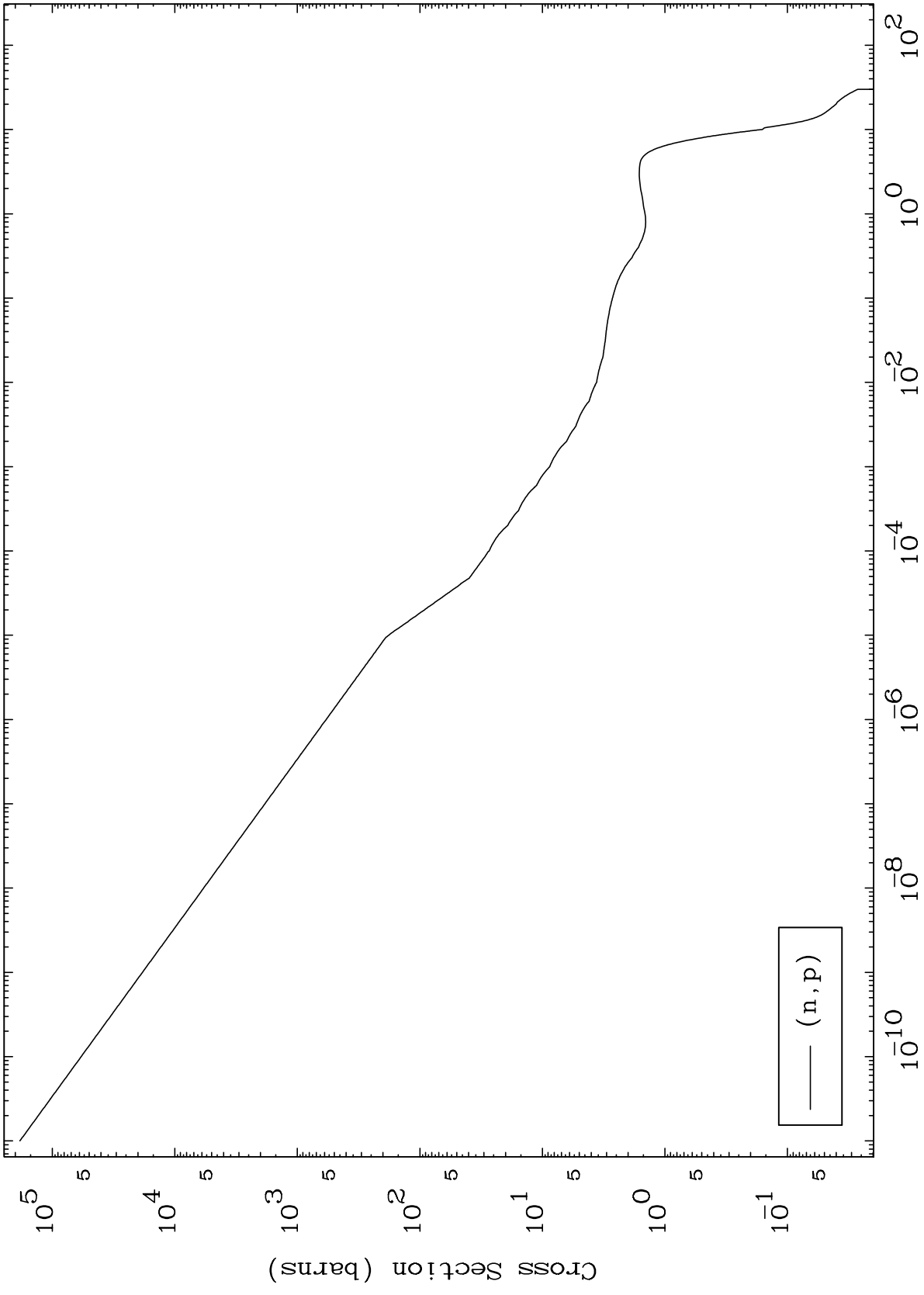
50-Sn-105



MAT 5004

(n,p) Levels  
293 Kelvin Cross Sections

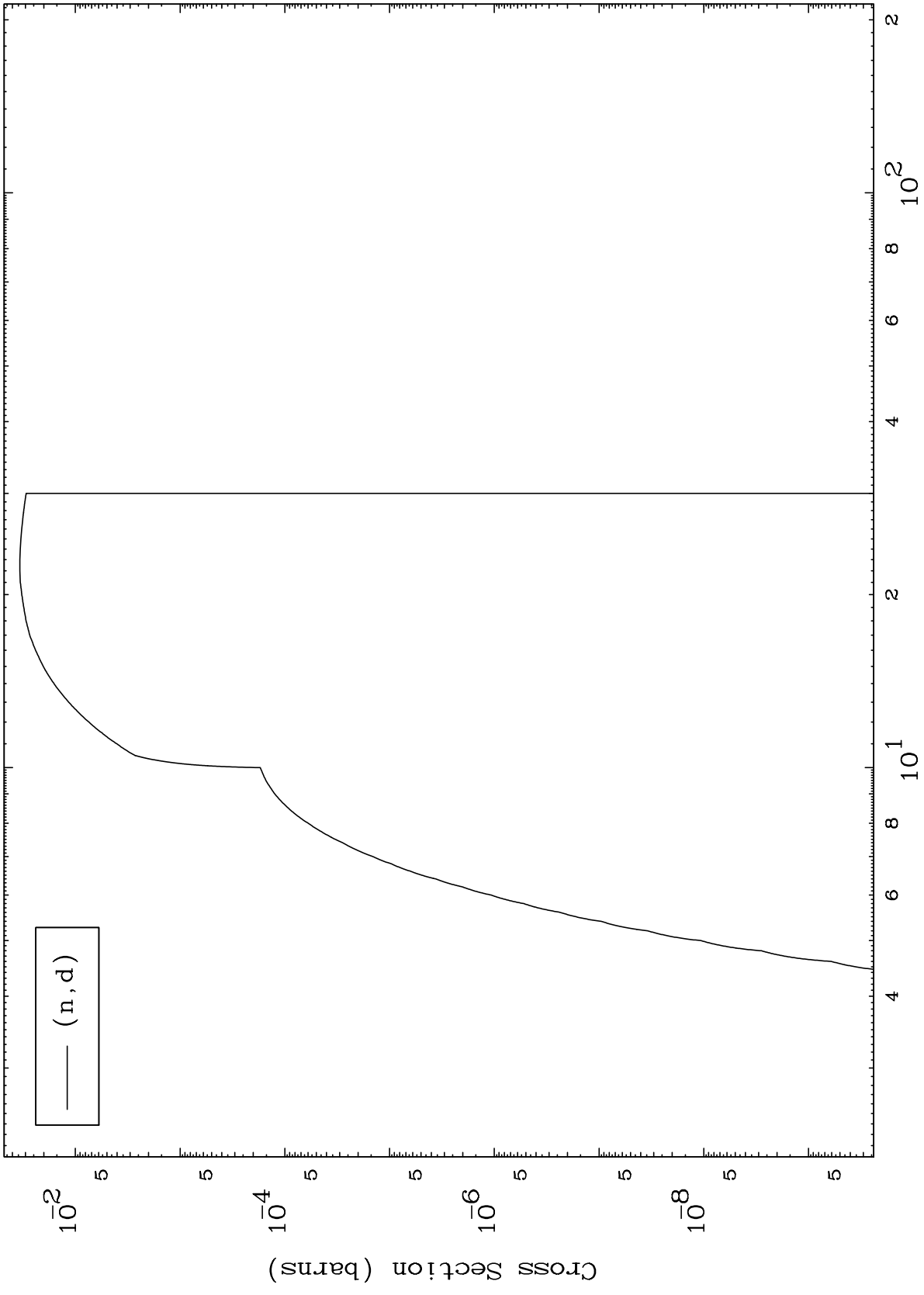
50-Sn-105



MAT 5004

(n,d) Levels  
293 Kelvin Cross Sections

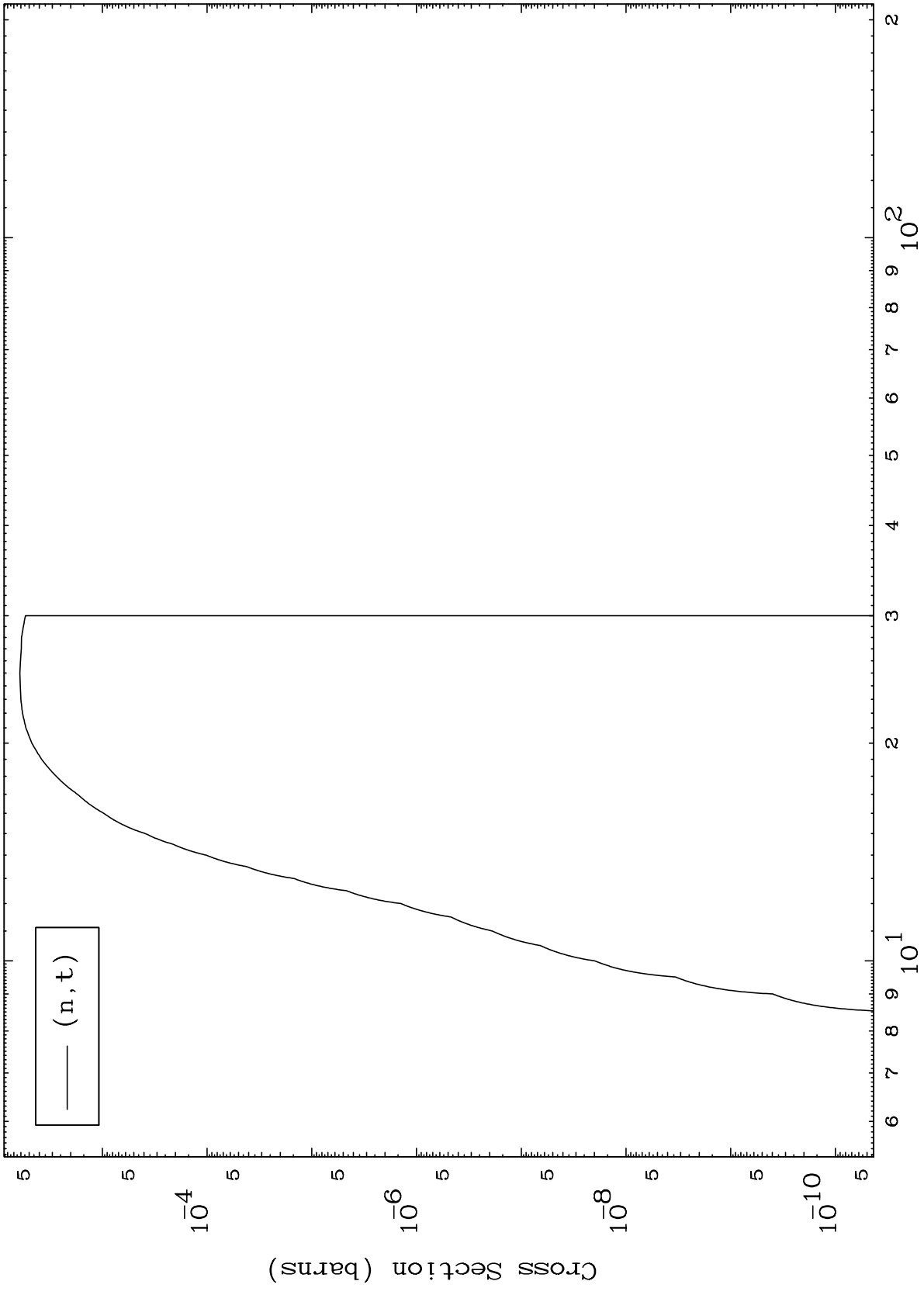
50-Sn-105



MAT 5004

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-105



10

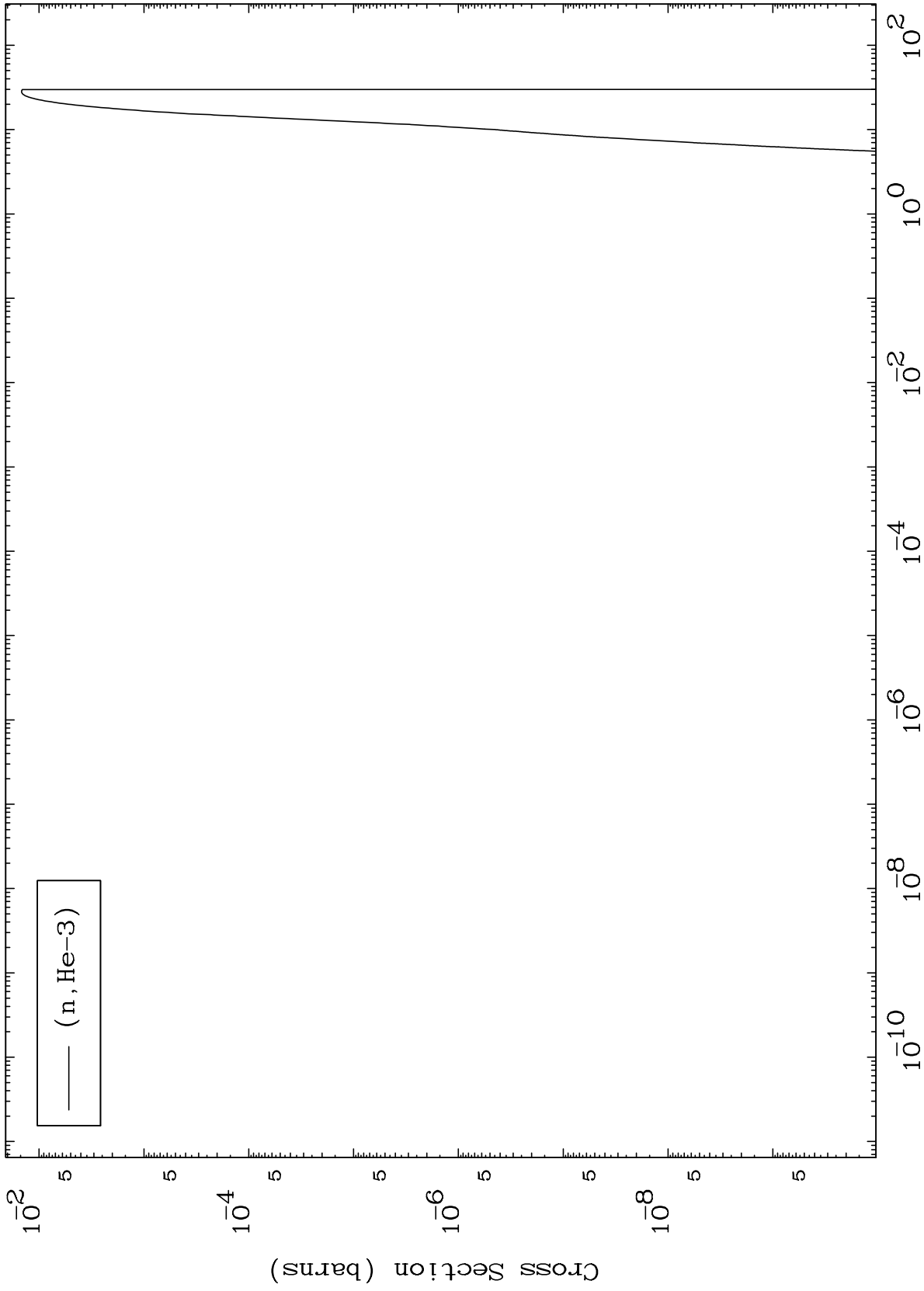
Incident Energy (MeV)

50-Sn-105

MAT 5004

(n,He3) Levels  
293 Kelvin Cross Sections

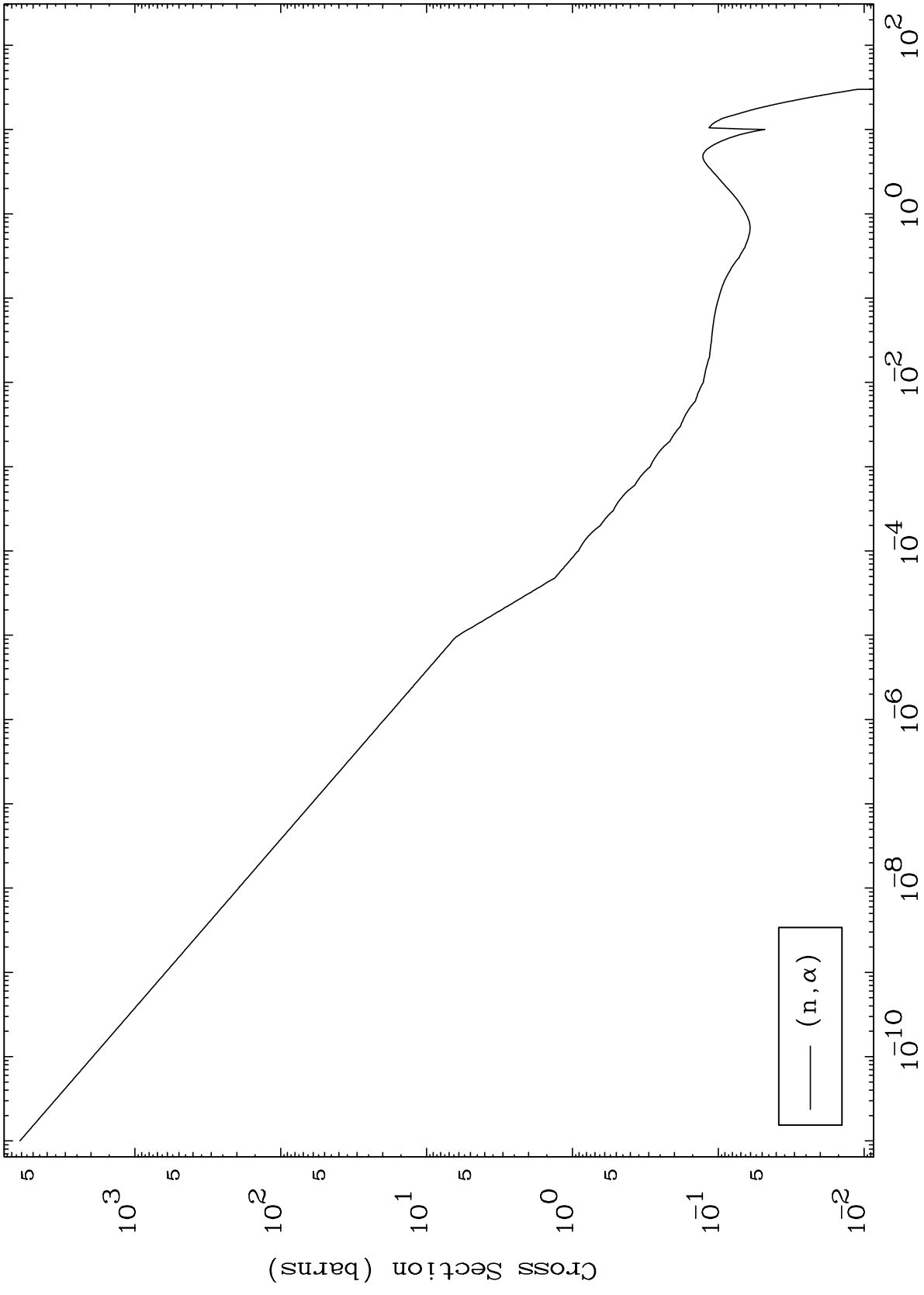
50-Sn-105

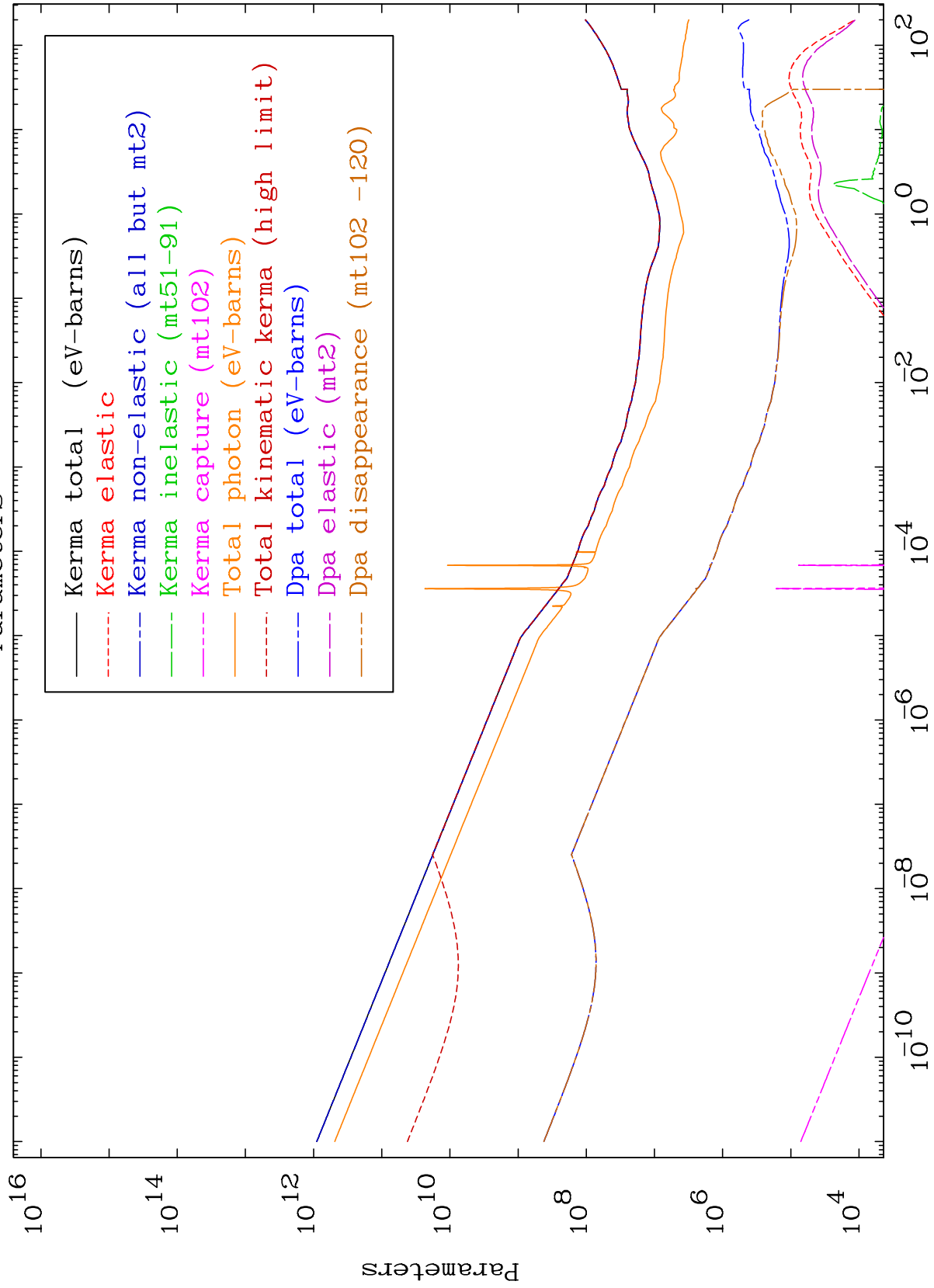


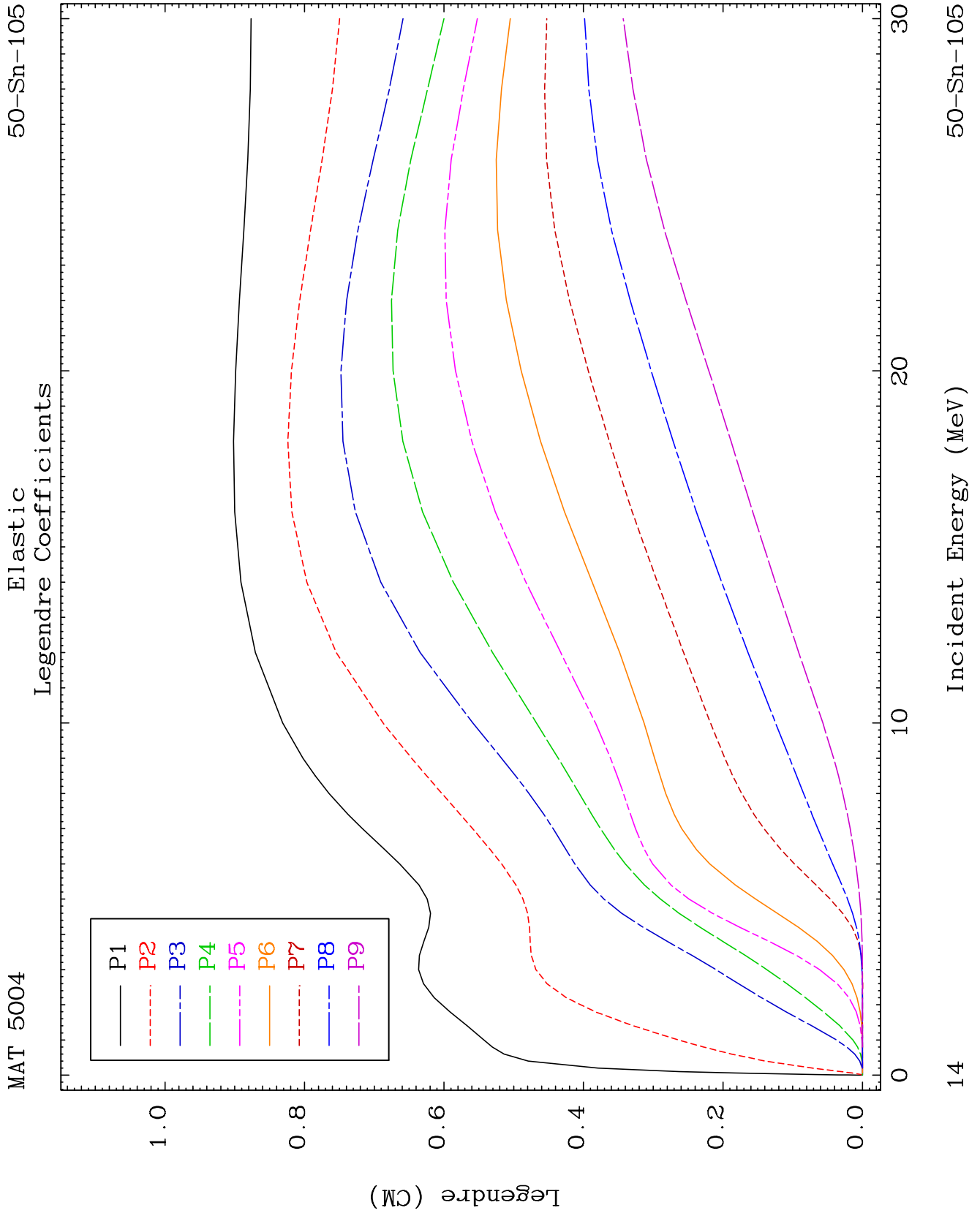
MAT 5004

(n,α) Levels  
293 Kelvin Cross Sections

50-Sn-105



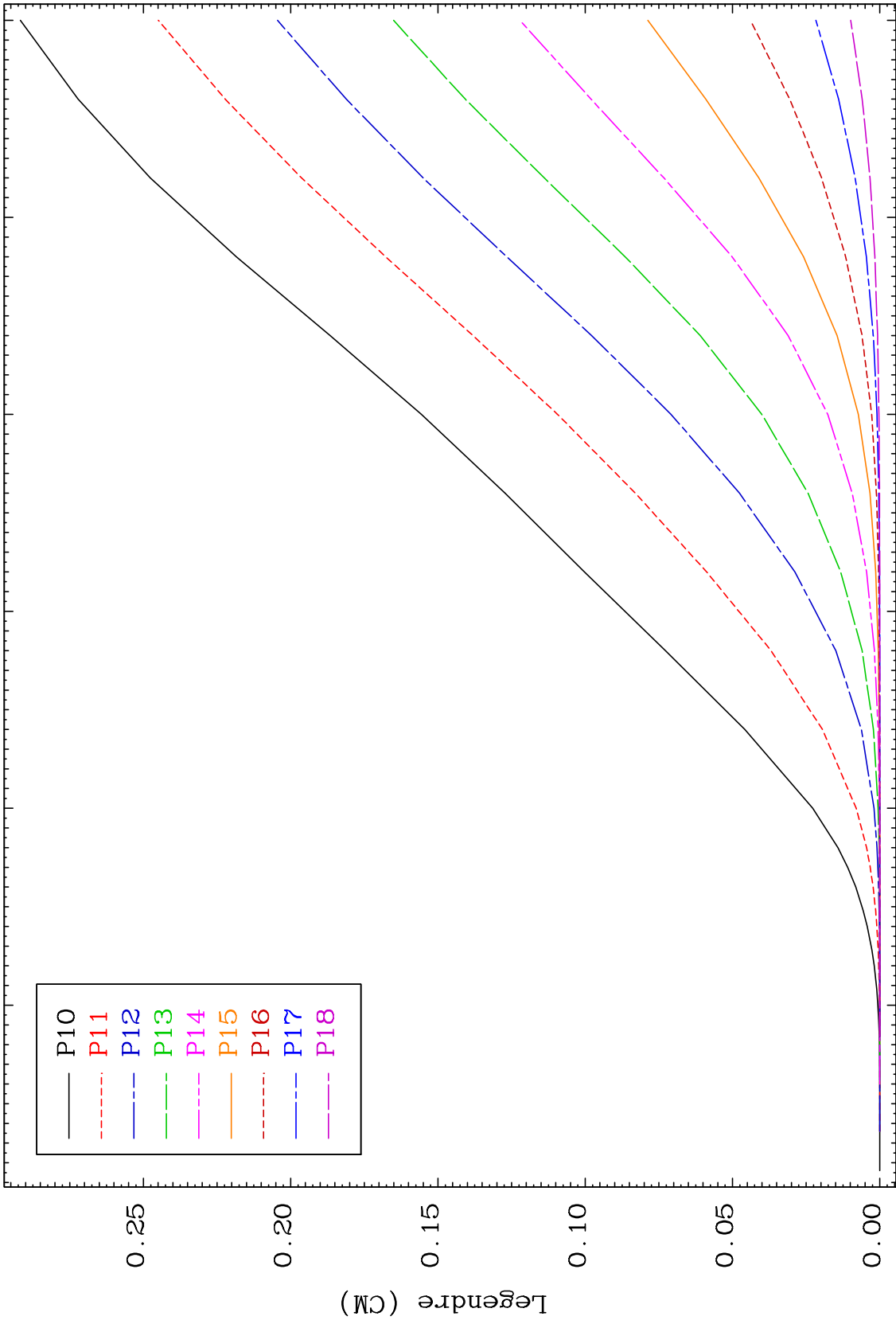




MAT 5004

Elastic Legendre Coefficients

50-Sn-105



15

Incident Energy (MeV)

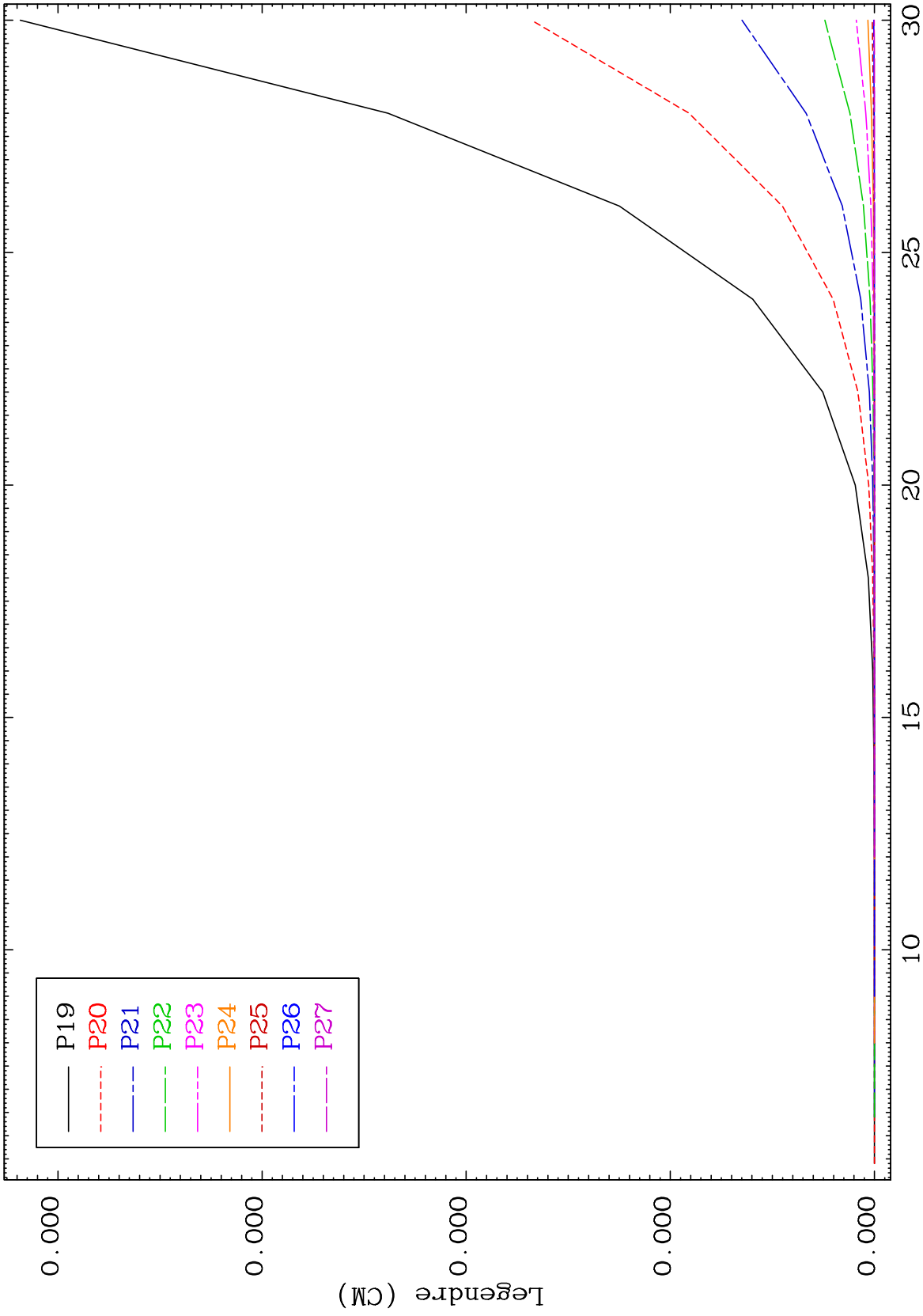
50-Sn-105



MAT 5004

Elastic Legendre Coefficients

50-Sn-105



16

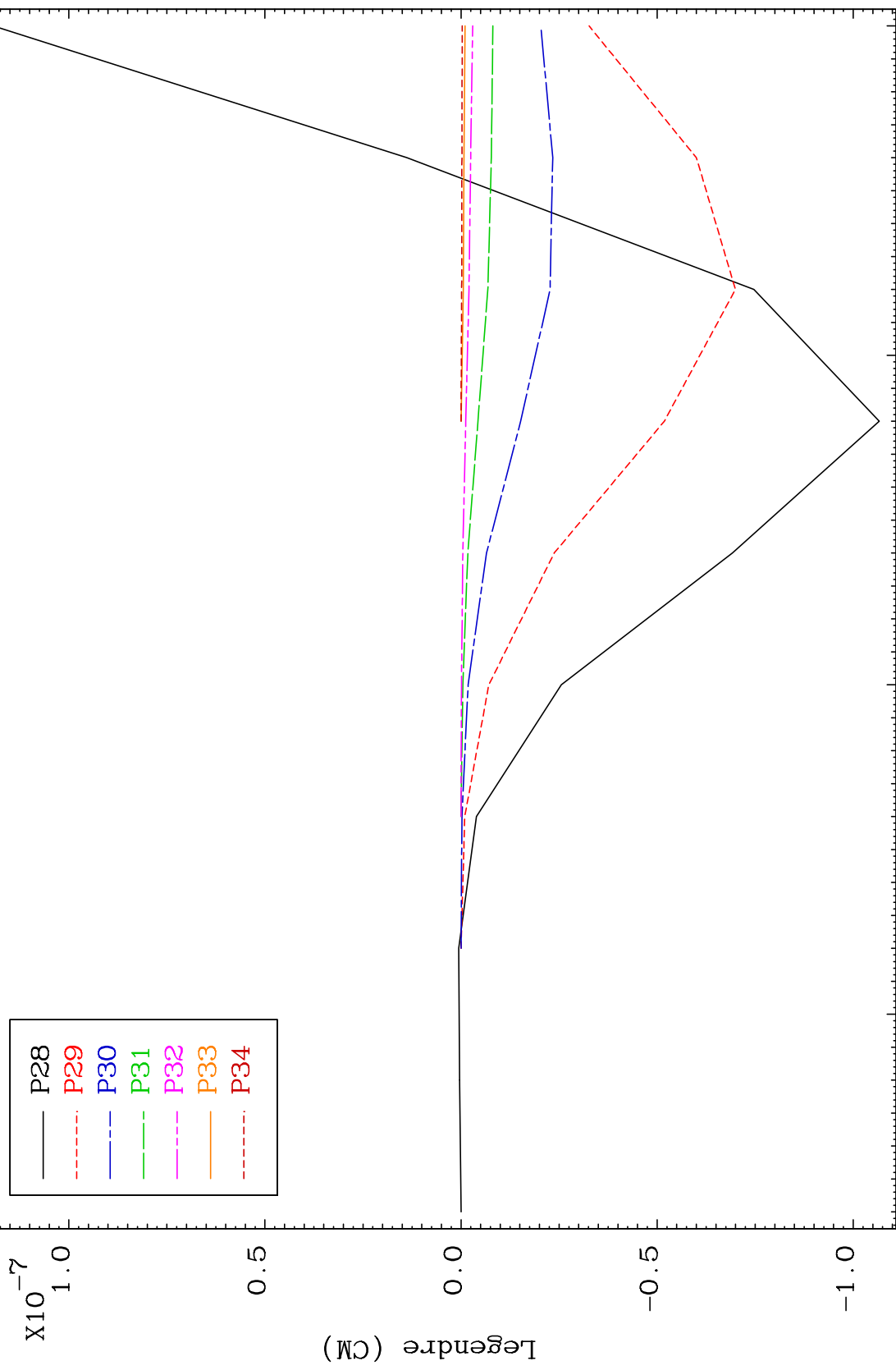
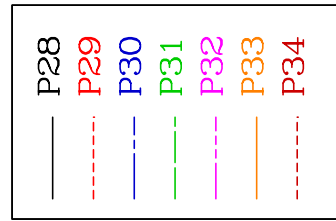
Incident Energy (MeV)

50-Sn-105

MAT 5004

Elastic Legendre Coefficients

50-Sn-105

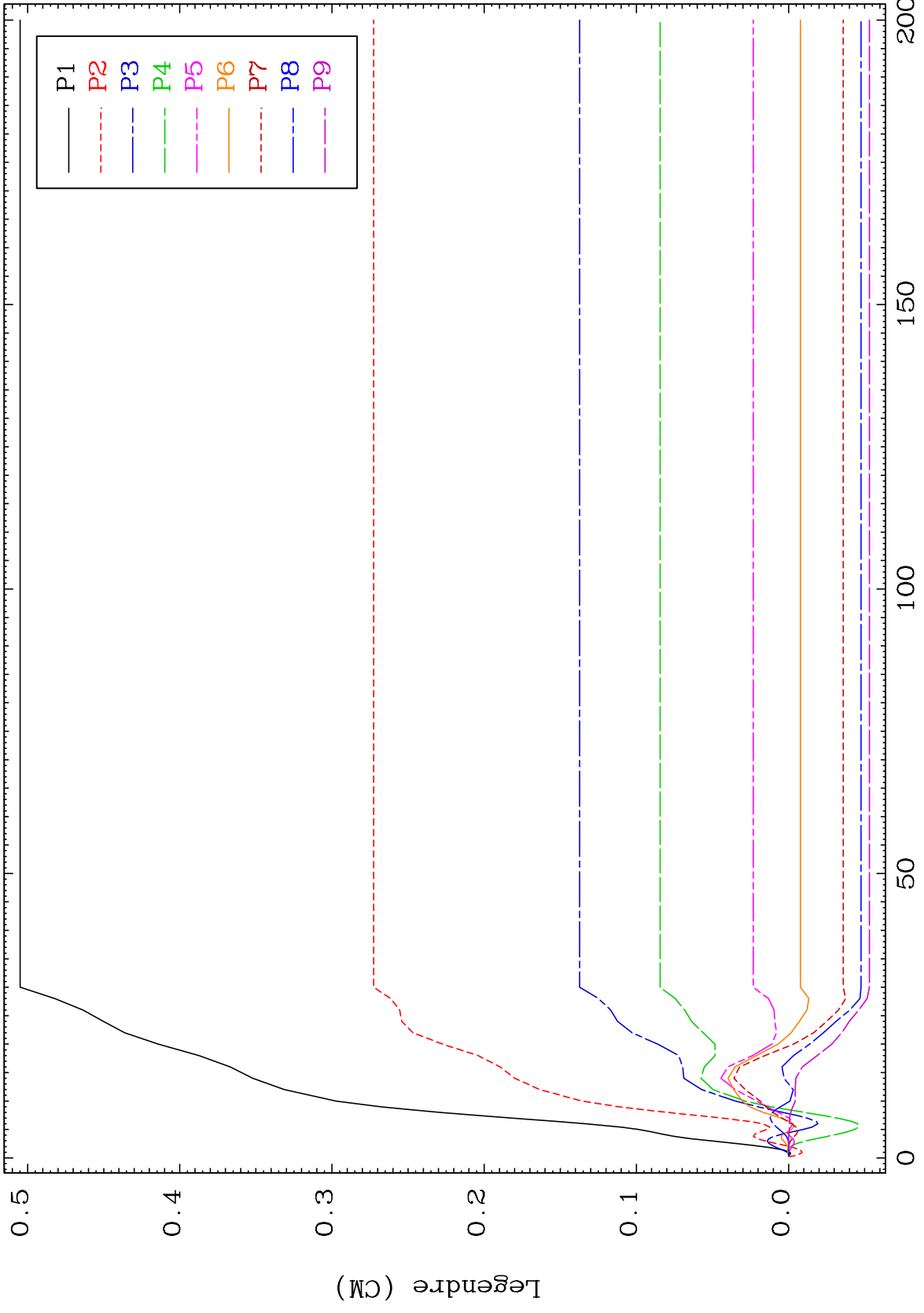


17

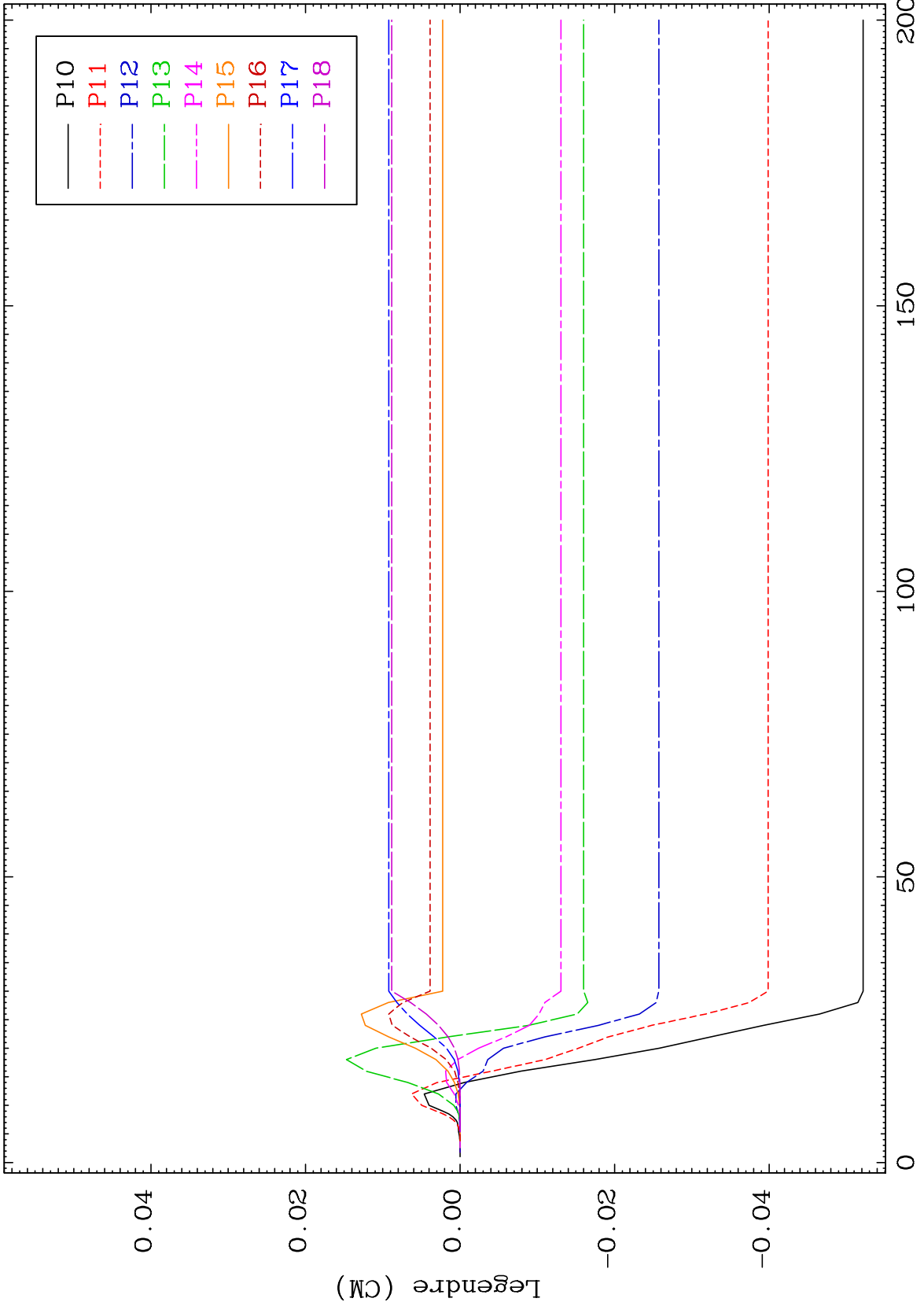
Incident Energy (MeV)

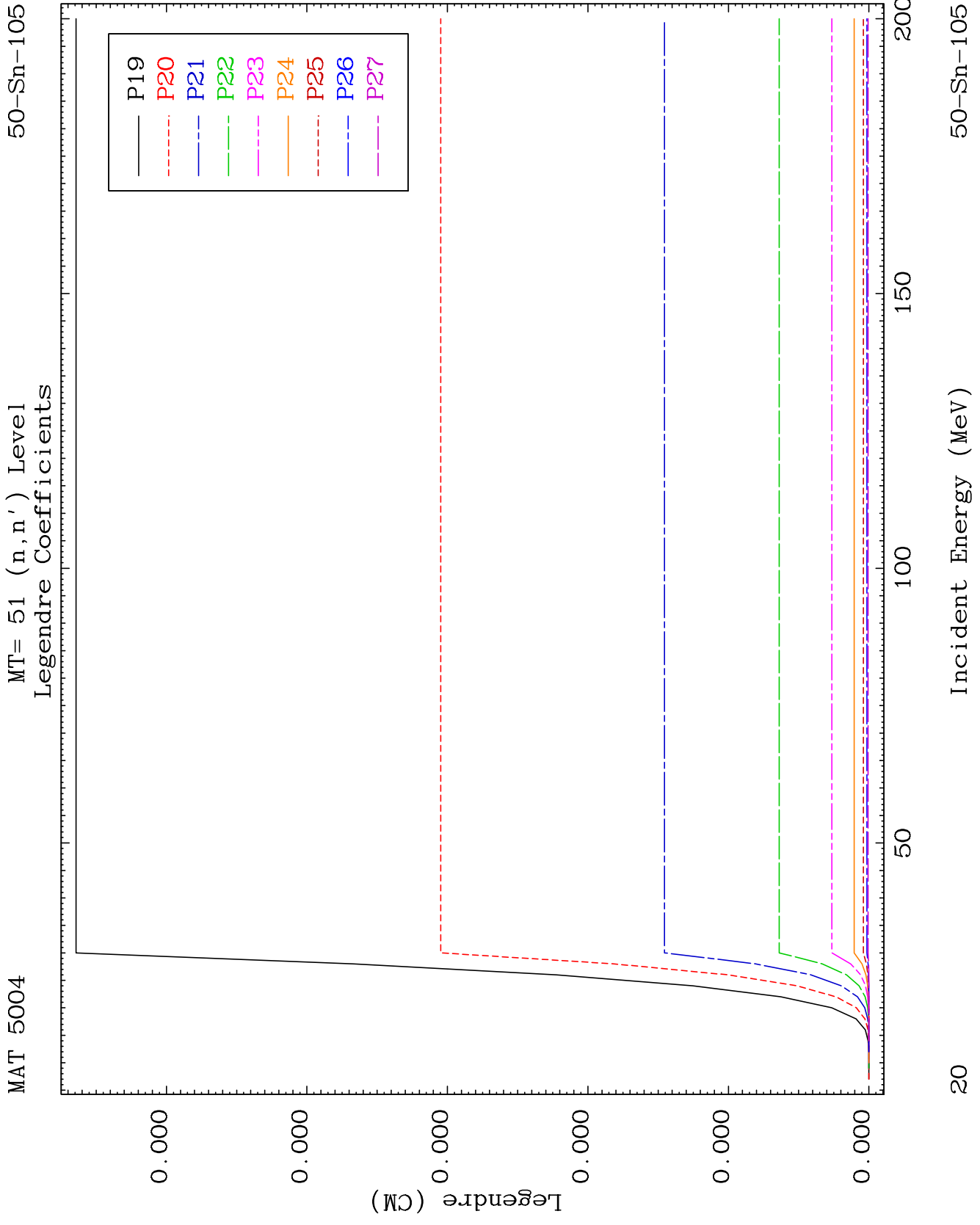
50-Sn-105

MAT 5004 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-105

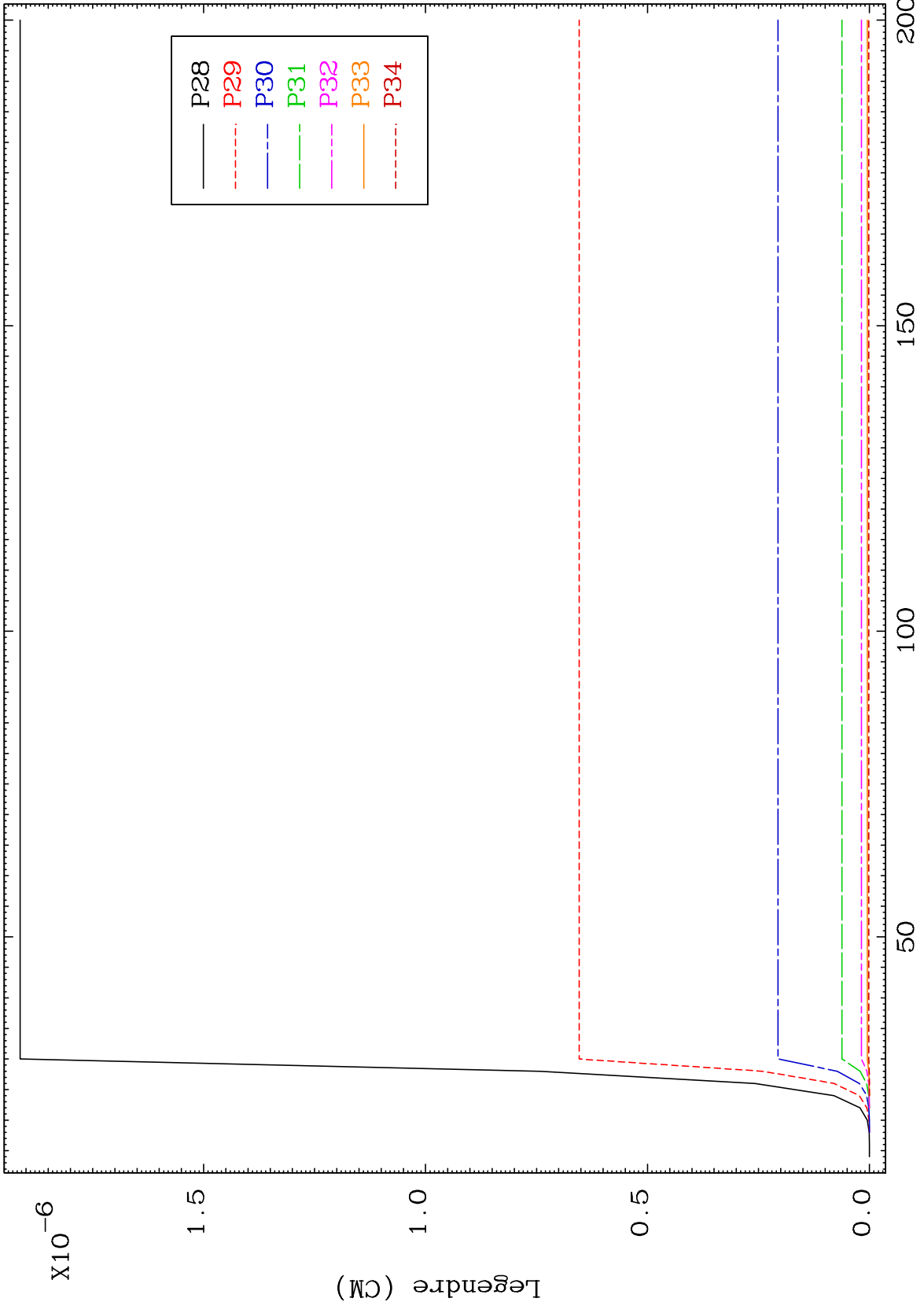


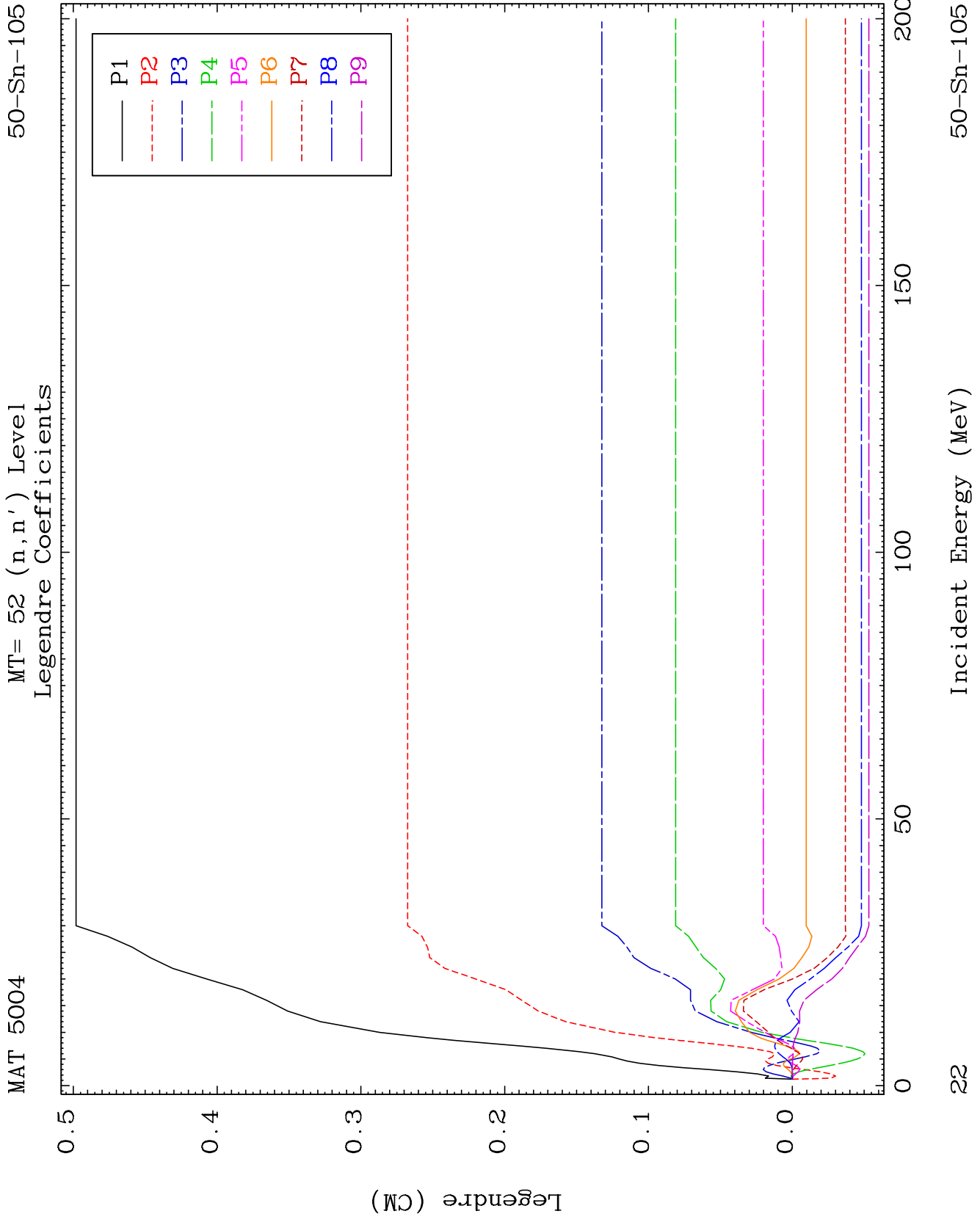
MAT 5004 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-105





MAT 5004 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-105

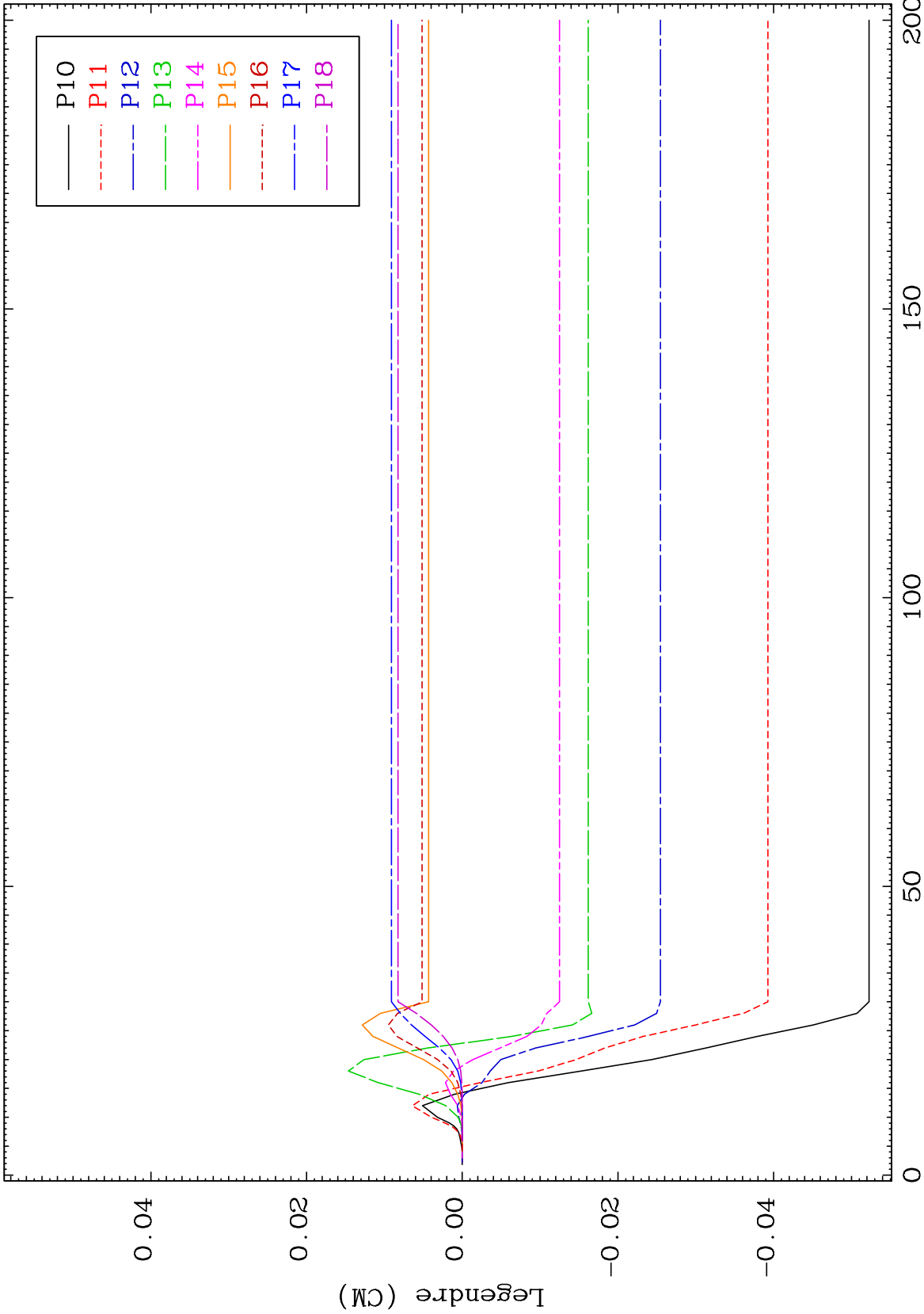




MAT 5004

MT= 52 (n,n') Level  
Legendre Coefficients

50-Sn-105



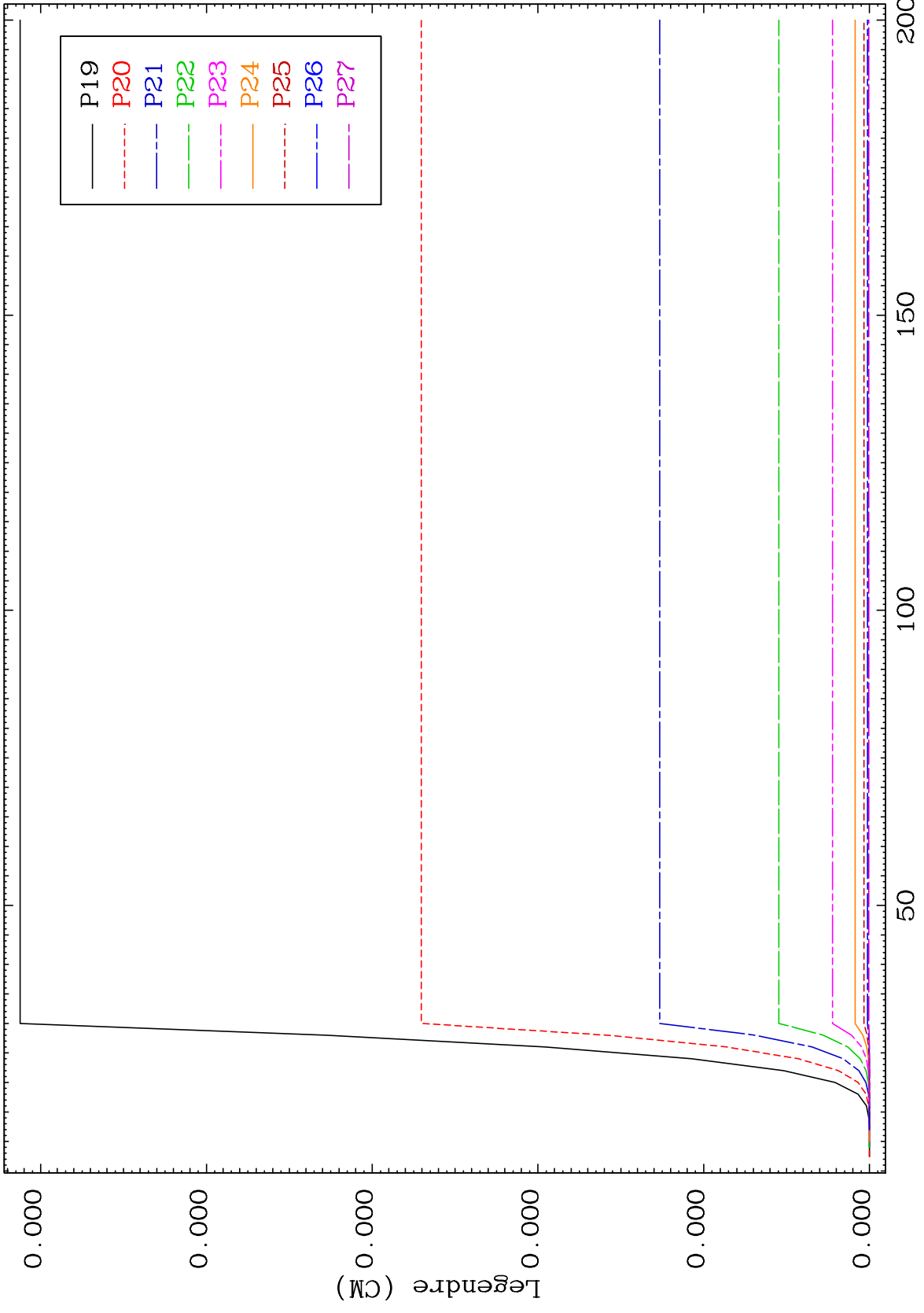
23

Incident Energy (MeV)

50-Sn-105



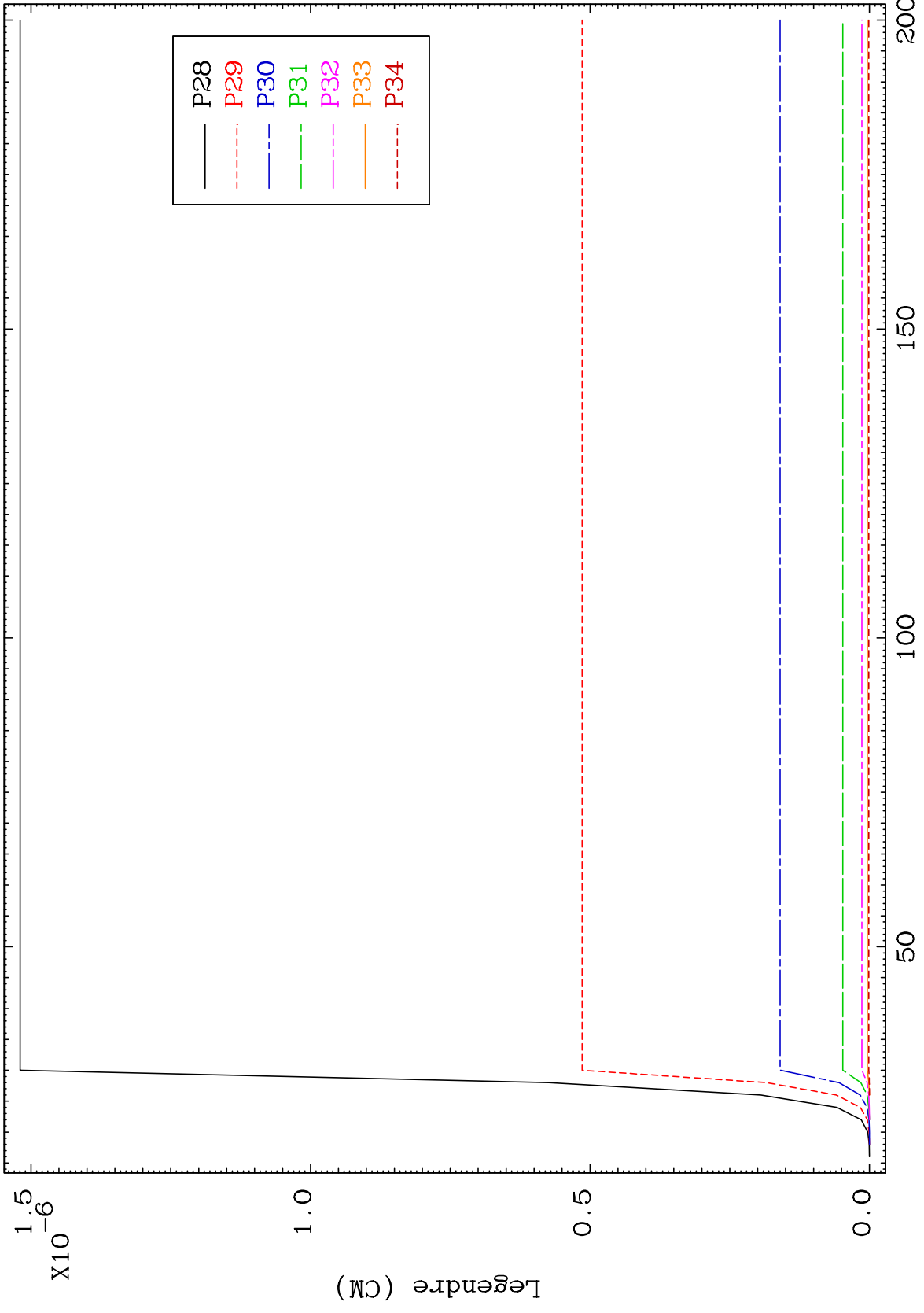
MAT 5004 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-105



MAT 5004

MT= 52 (n,n') Level  
Legendre Coefficients

50-Sn-105

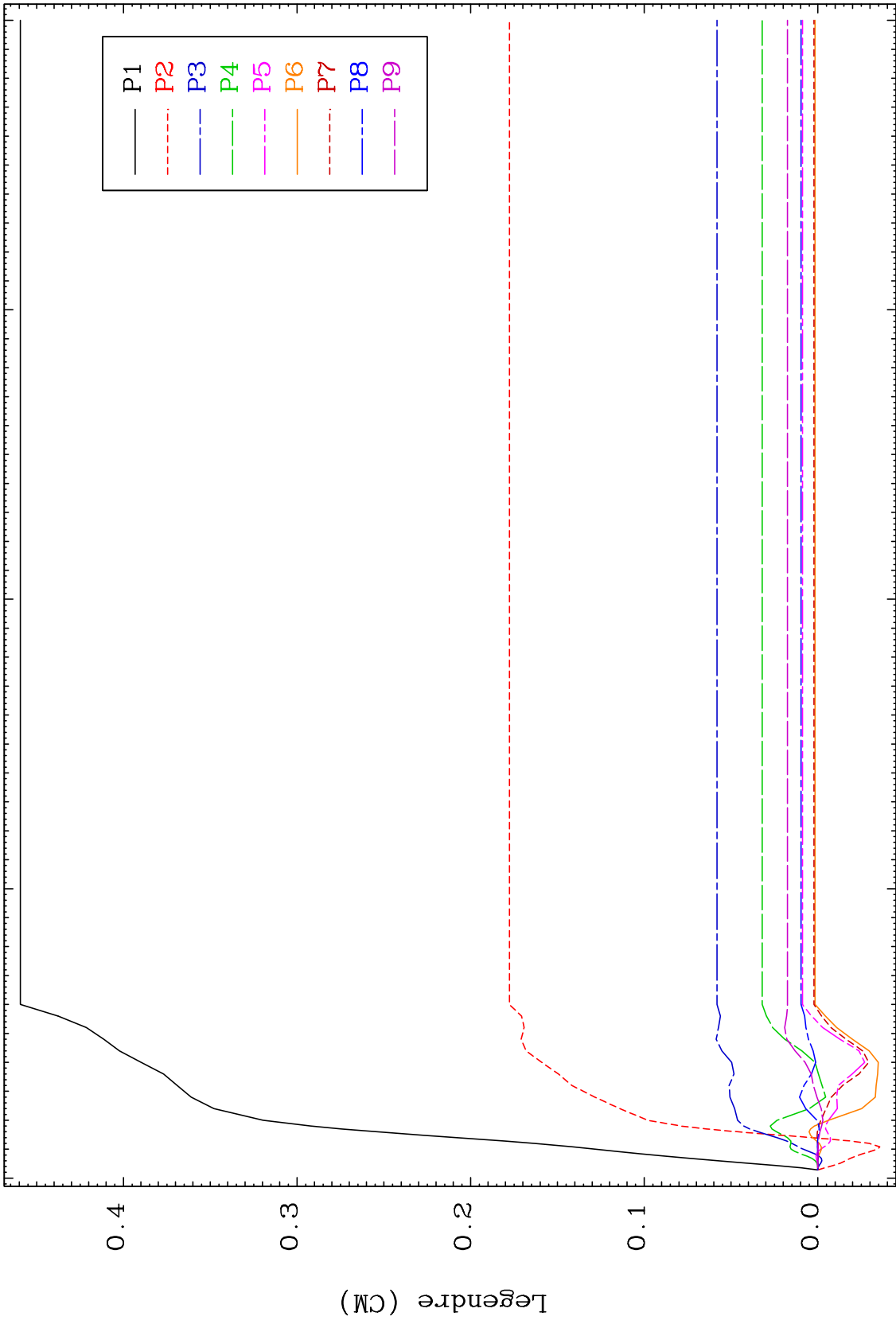


25

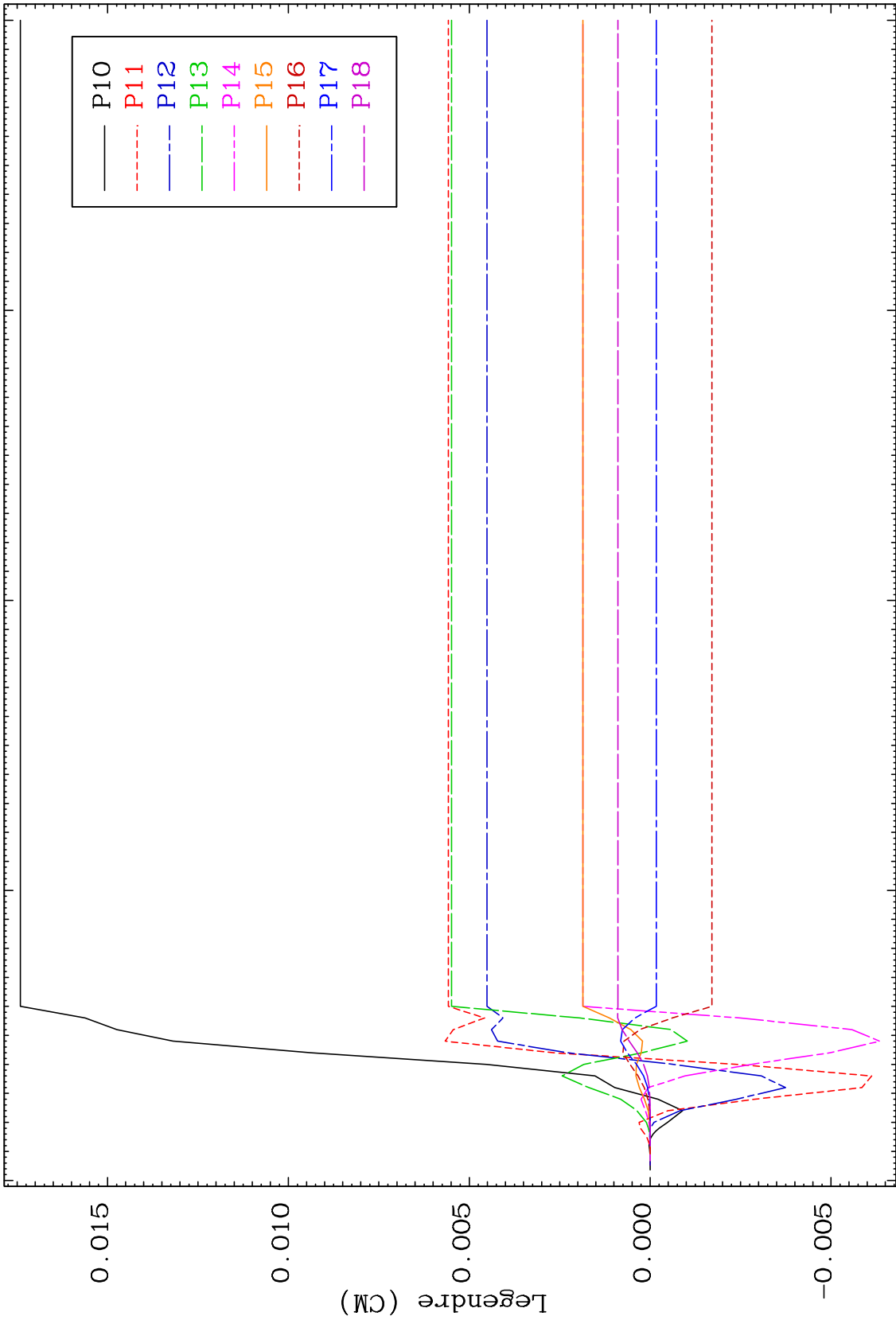
Incident Energy (MeV)

50-Sn-105

MAT 5004 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-105



MAT 5004 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-105

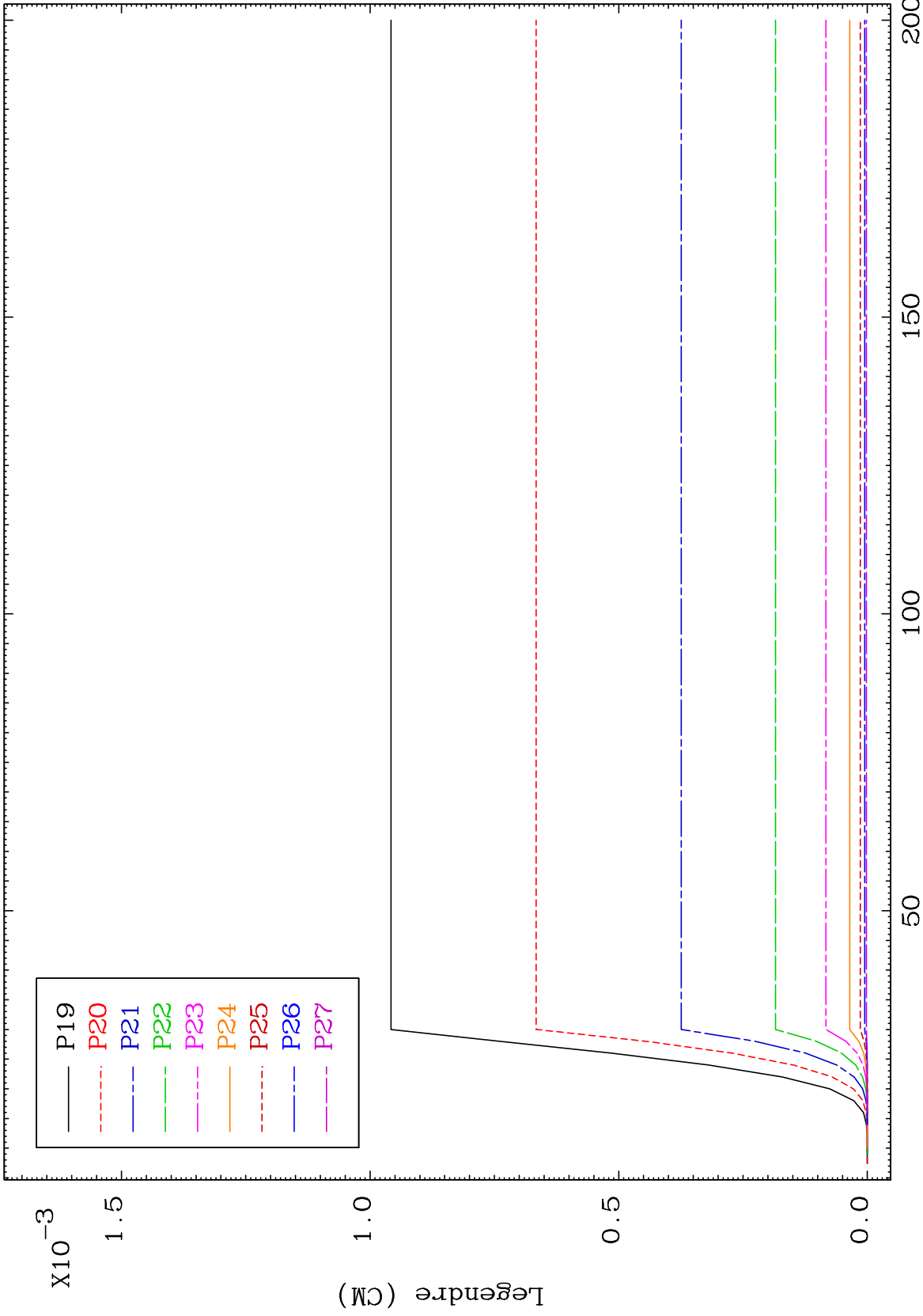


27 Incident Energy (MeV) 50-Sn-105

MAT 5004

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

50-Sn-105



28

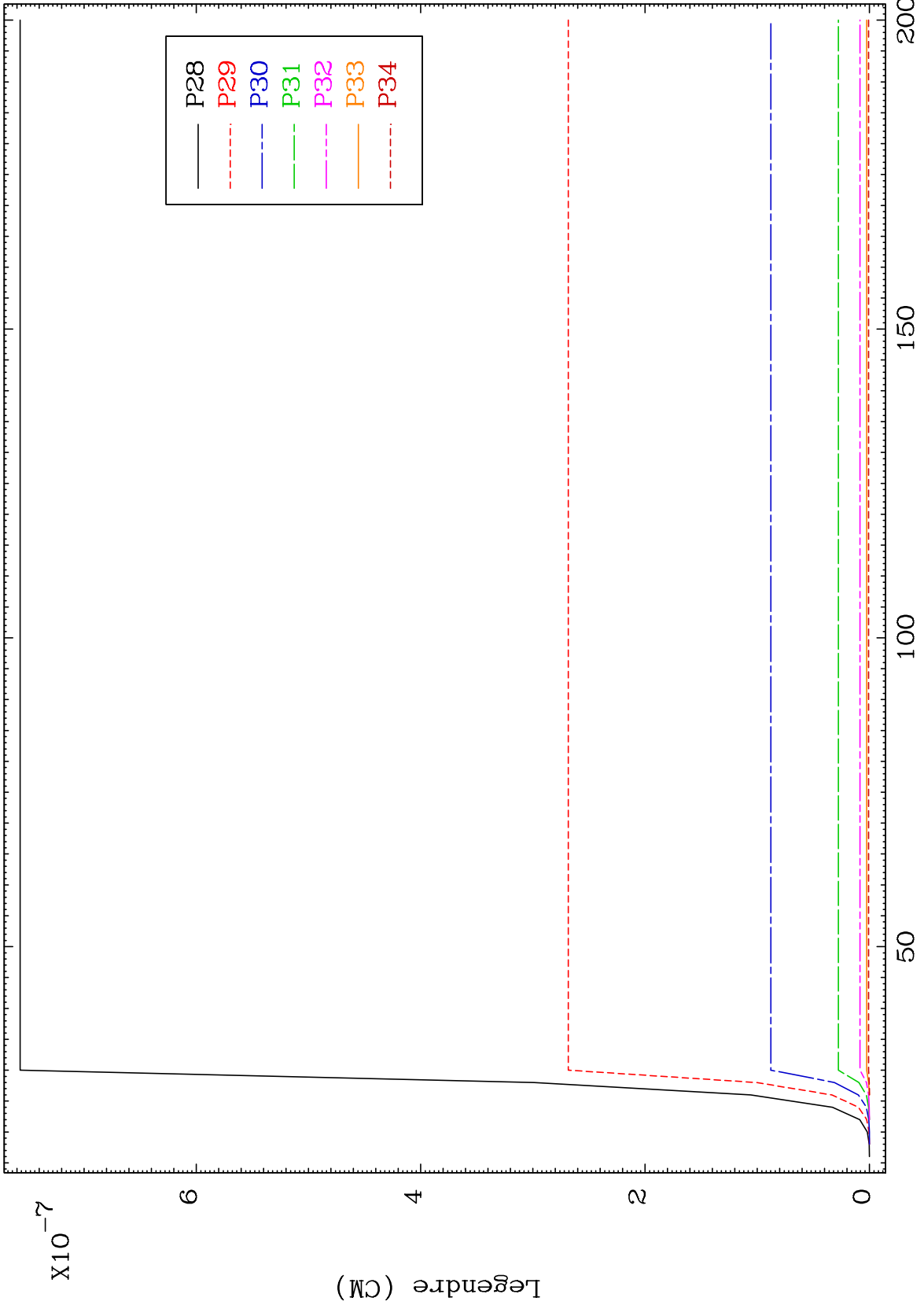
Incident Energy (MeV)

50-Sn-105

MAT 5004

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

50-Sn-105



29

Incident Energy (MeV)

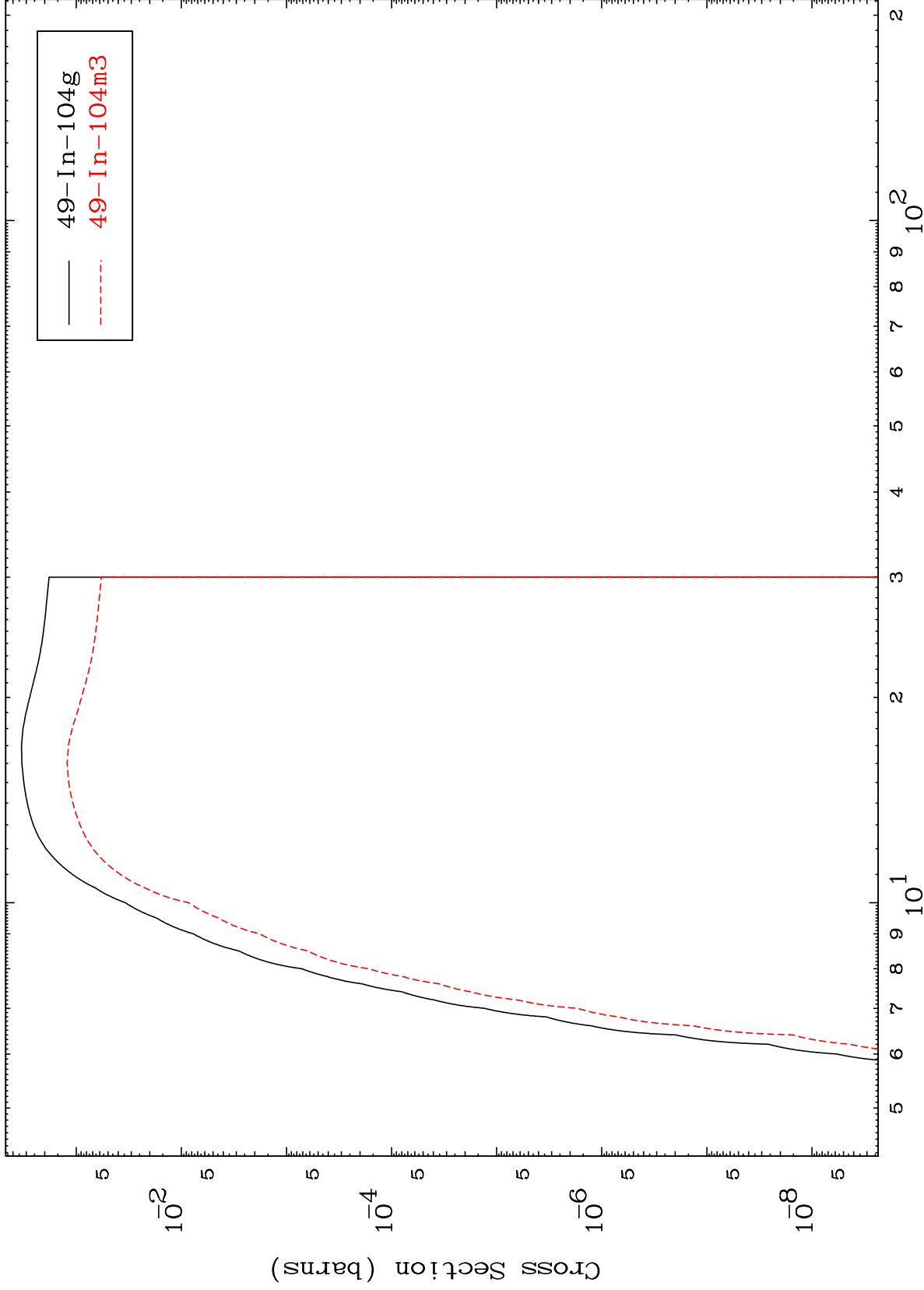
50-Sn-105

MAT 5004

(n,n') p

50-Sn-105

Radionuclide Production Cross Section



30

Incident Energy (MeV)

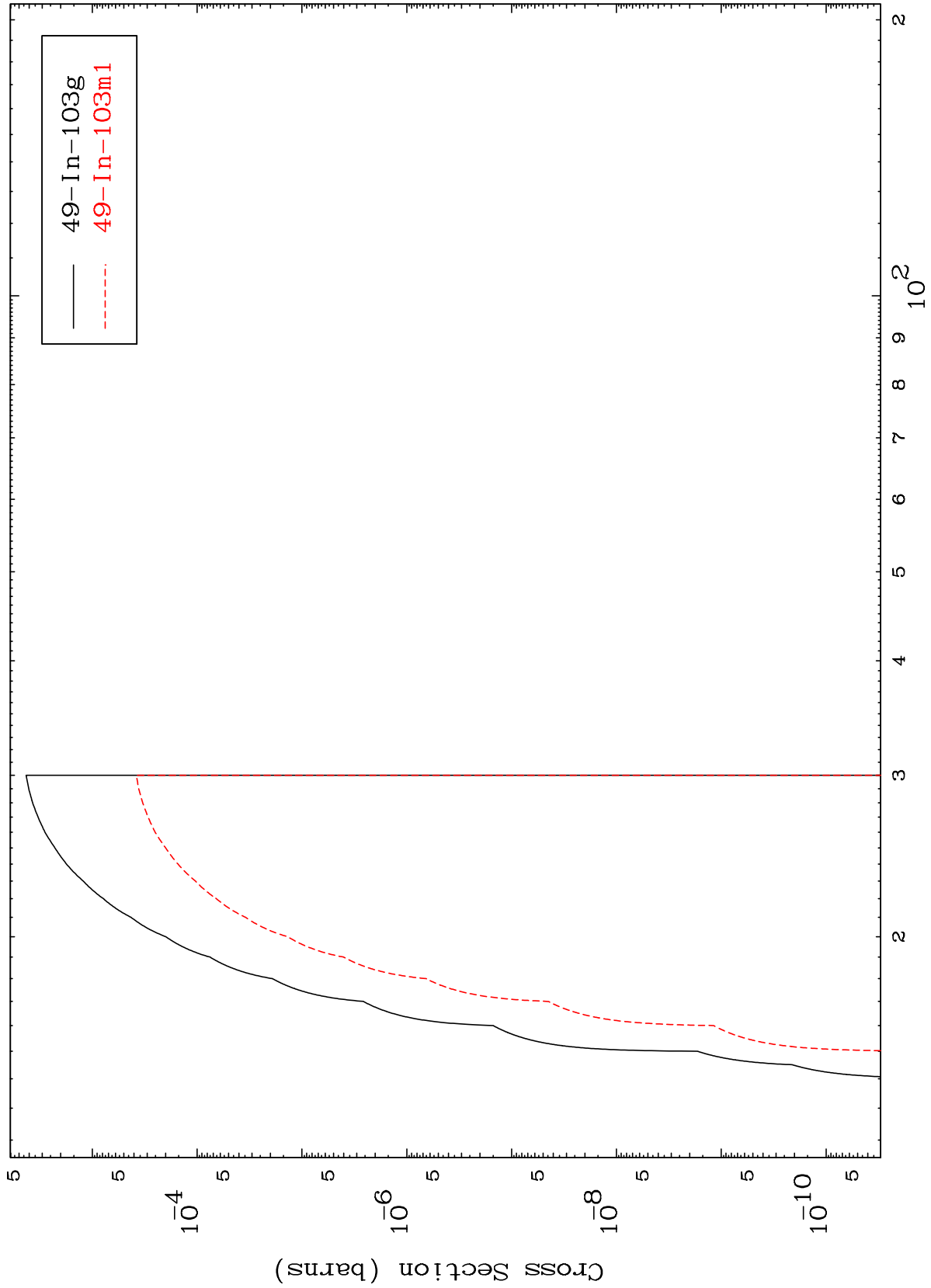
50-Sn-105

MAT 5004

(n,n') d

50-Sn-105

Radionuclide Production Cross Section



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

31

Incident Energy (MeV)

50-Sn-105

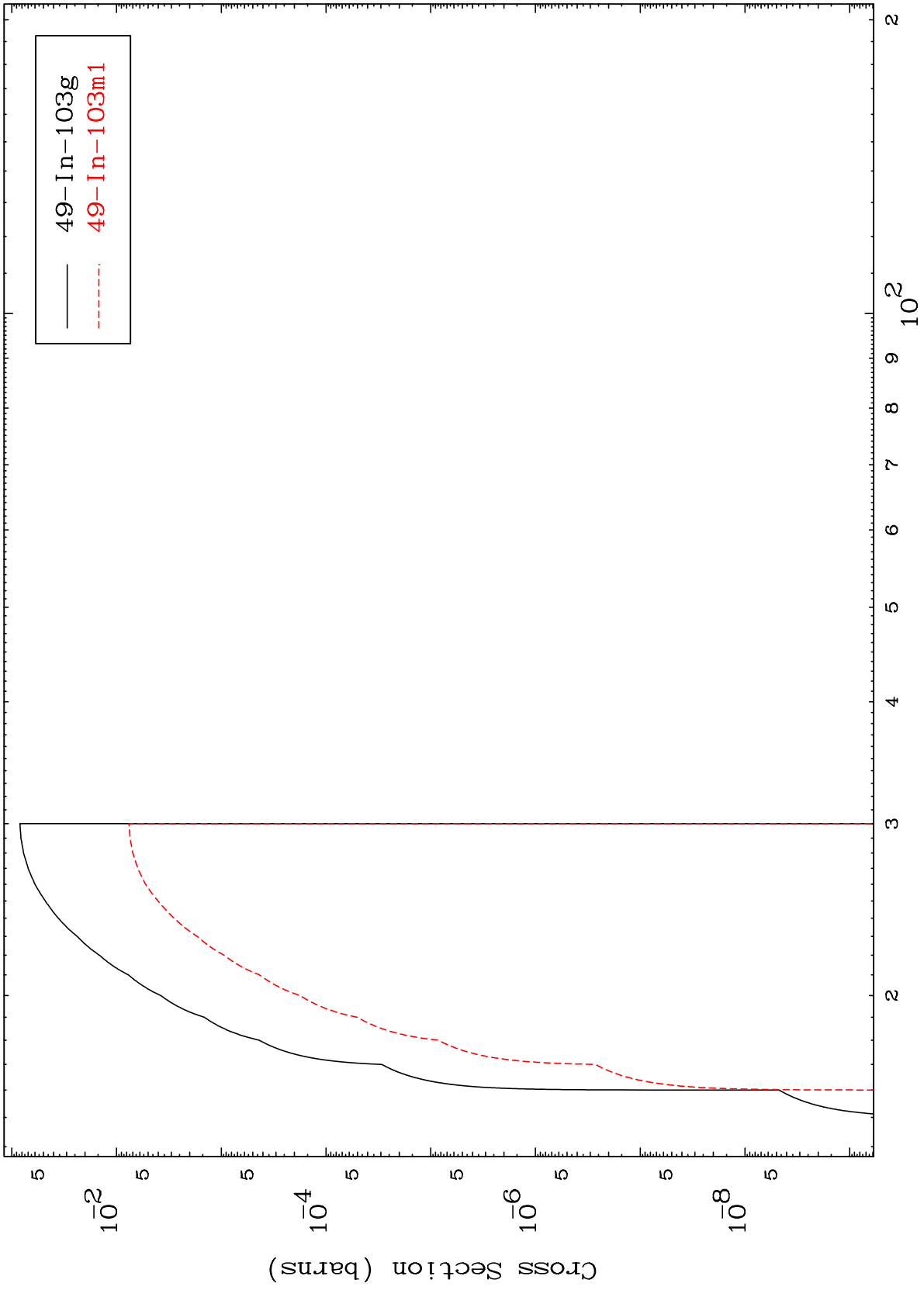


MAT 5004

(n,2n) p

50-Sn-105

Radionuclide Production Cross Section



32

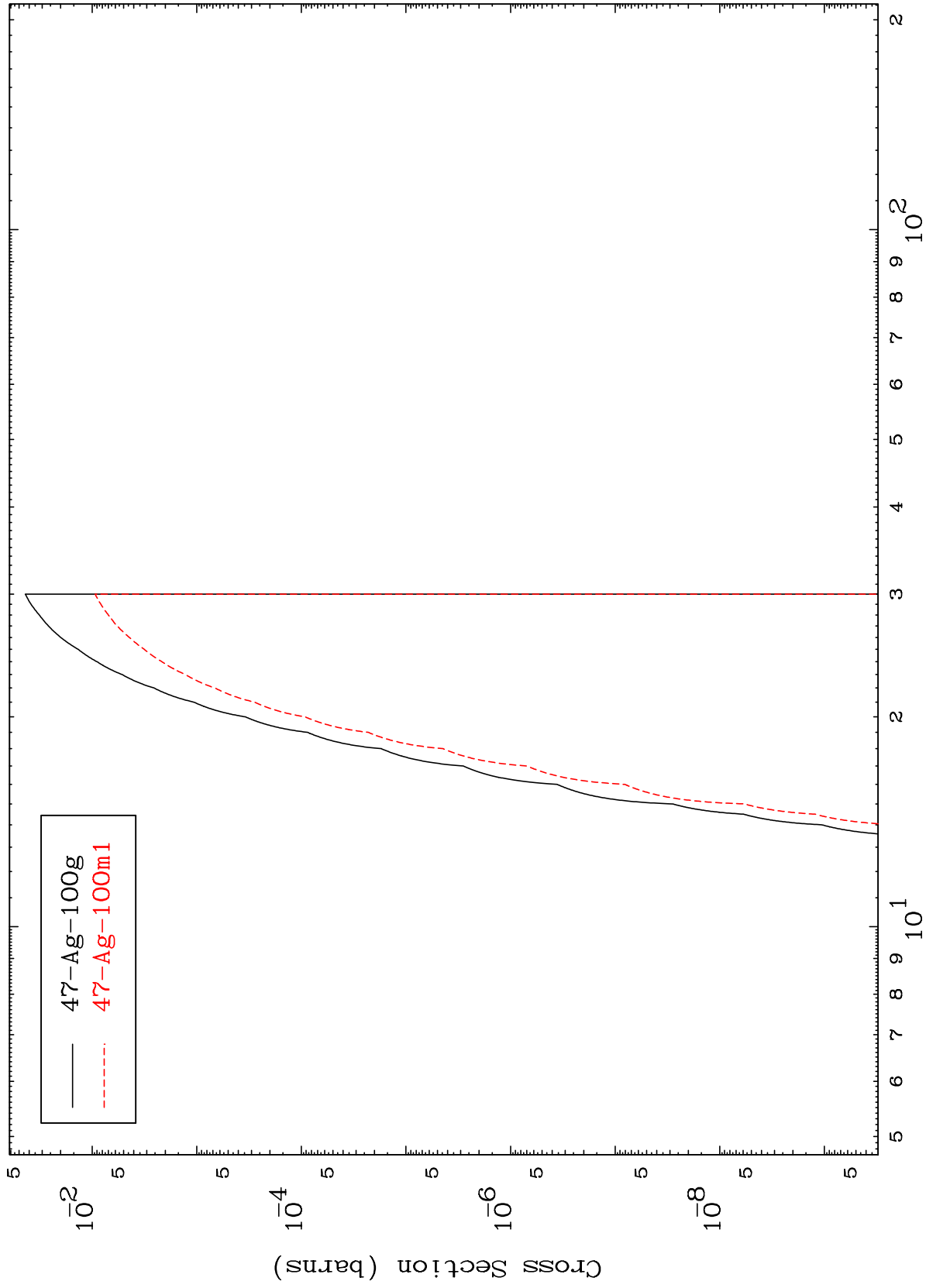
Incident Energy (MeV)

50-Sn-105

MAT 5004

50-Sn-105

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



33

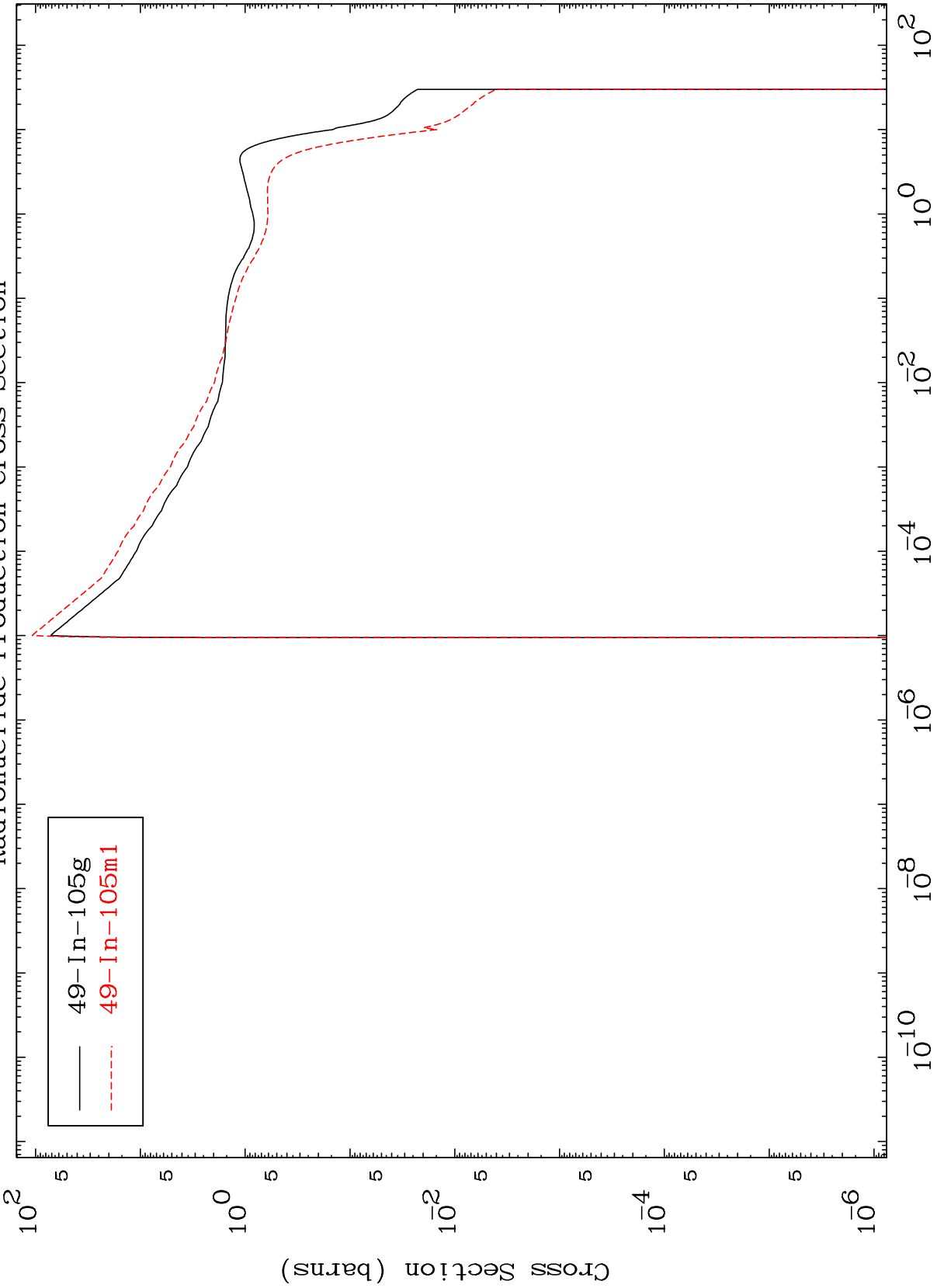
Incident Energy (MeV)

50-Sn-105

MAT 5004

50-Sn-105

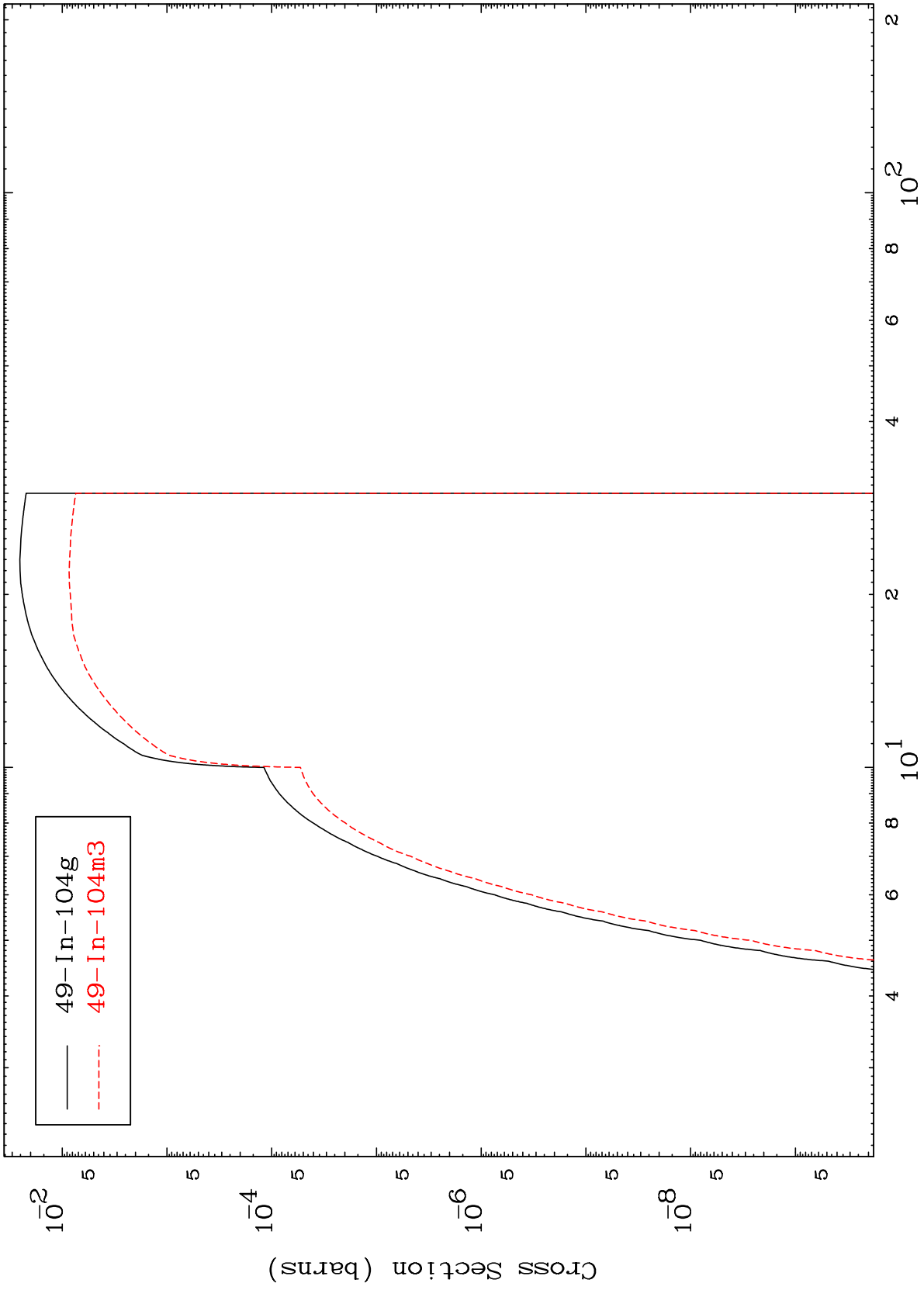
Radionuclide Production Cross Section (n,p)



MAT 5004

(n,d)  
Radionuclide Production Cross Section

50-Sn-105



35

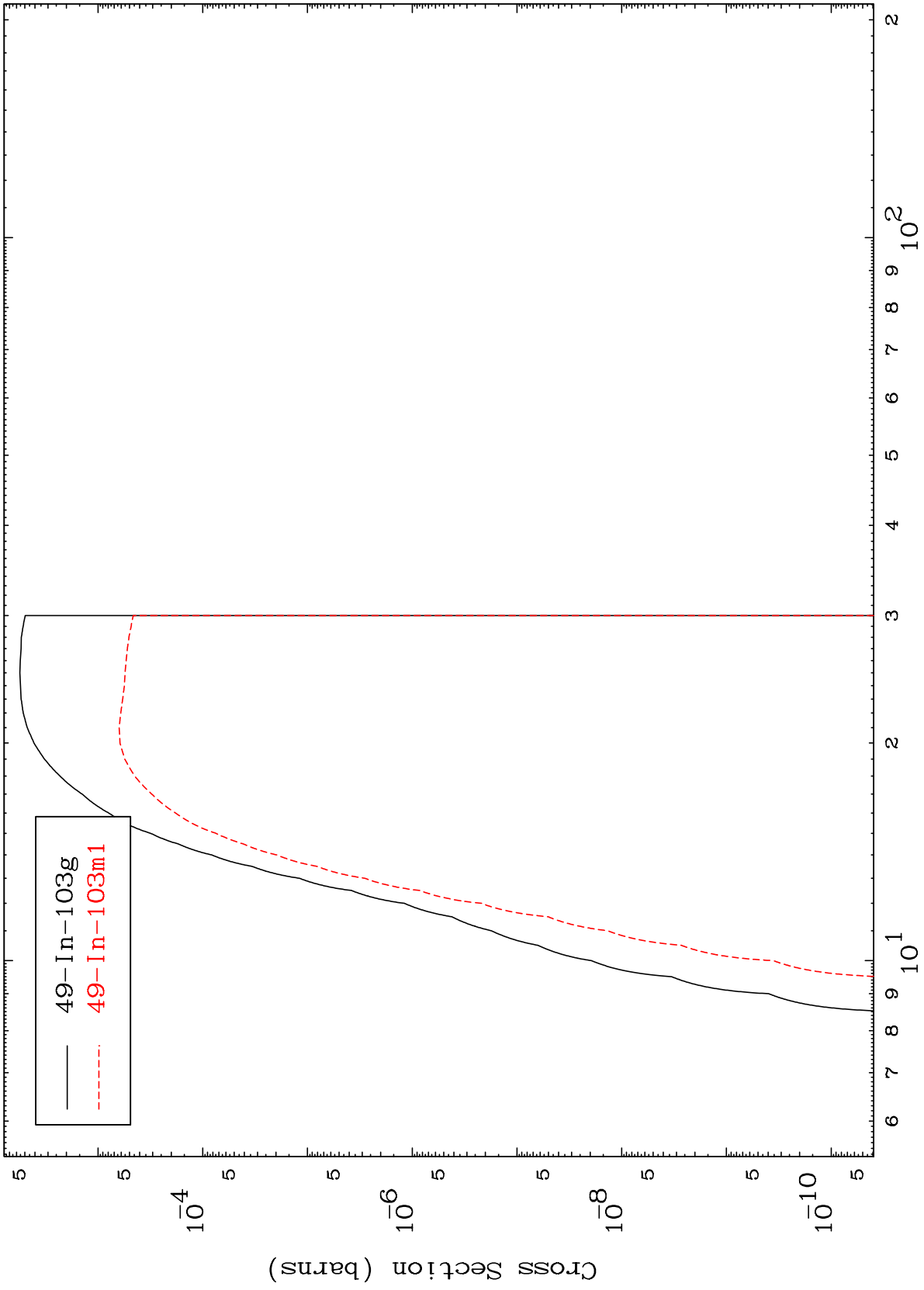
Incident Energy (MeV)

50-Sn-105

MAT 5004

50-Sn-105

(n, t)  
Radionuclide Production Cross Section



36

Incident Energy (MeV)

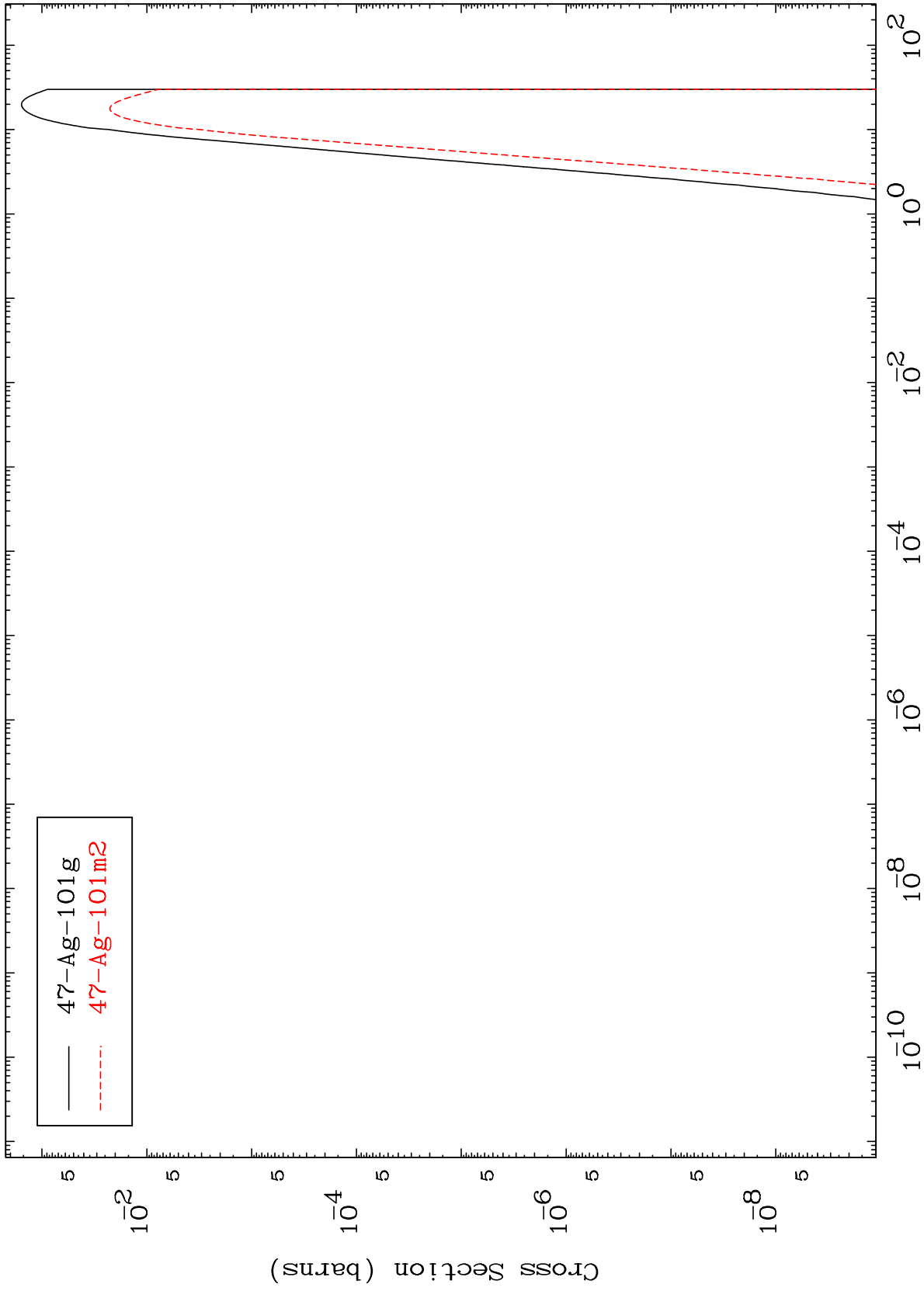
50-Sn-105

MAT 5004

(n,p)  $\alpha$

50-Sn-105

Radionuclide Production Cross Section



37

Incident Energy (MeV)

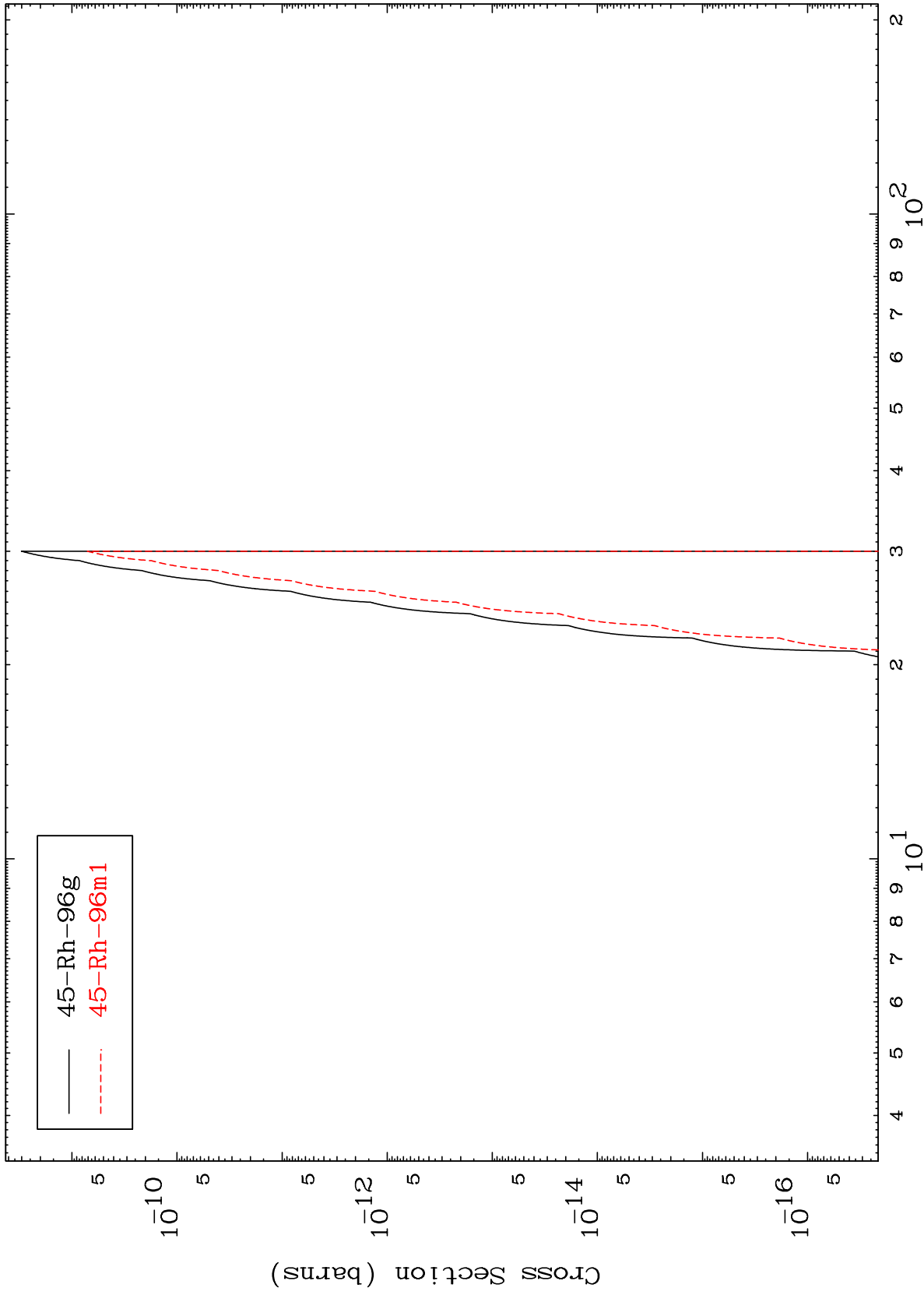
50-Sn-105

MAT 5004

(n,d)  $2\alpha$

50-Sn-105

Radionuclide Production Cross Section



38

Incident Energy (MeV)

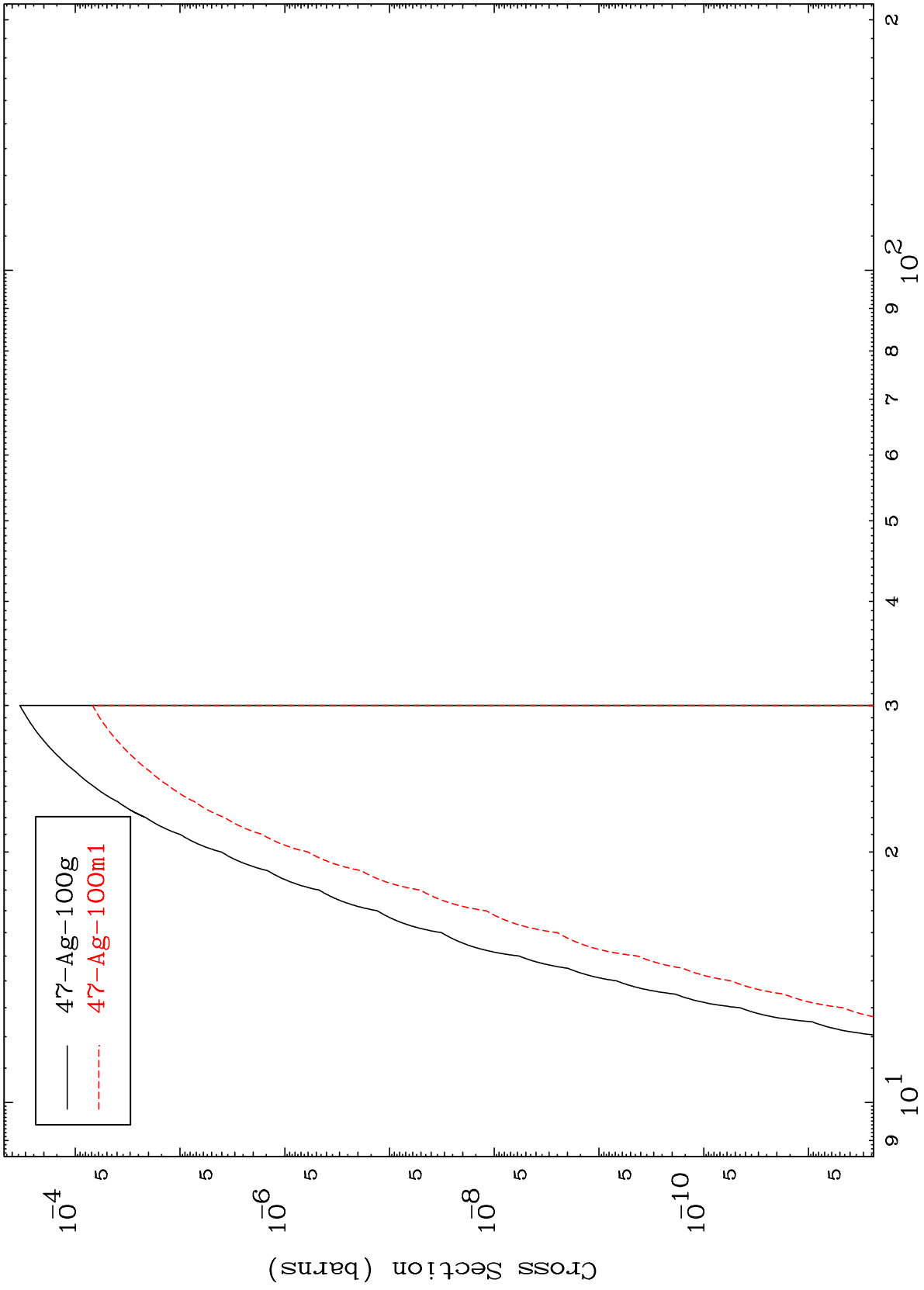
50-Sn-105

MAT 5004

(n,d)  $\alpha$

50-Sn-105

Radionuclide Production Cross Section



39

Incident Energy (MeV)

50-Sn-105