

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

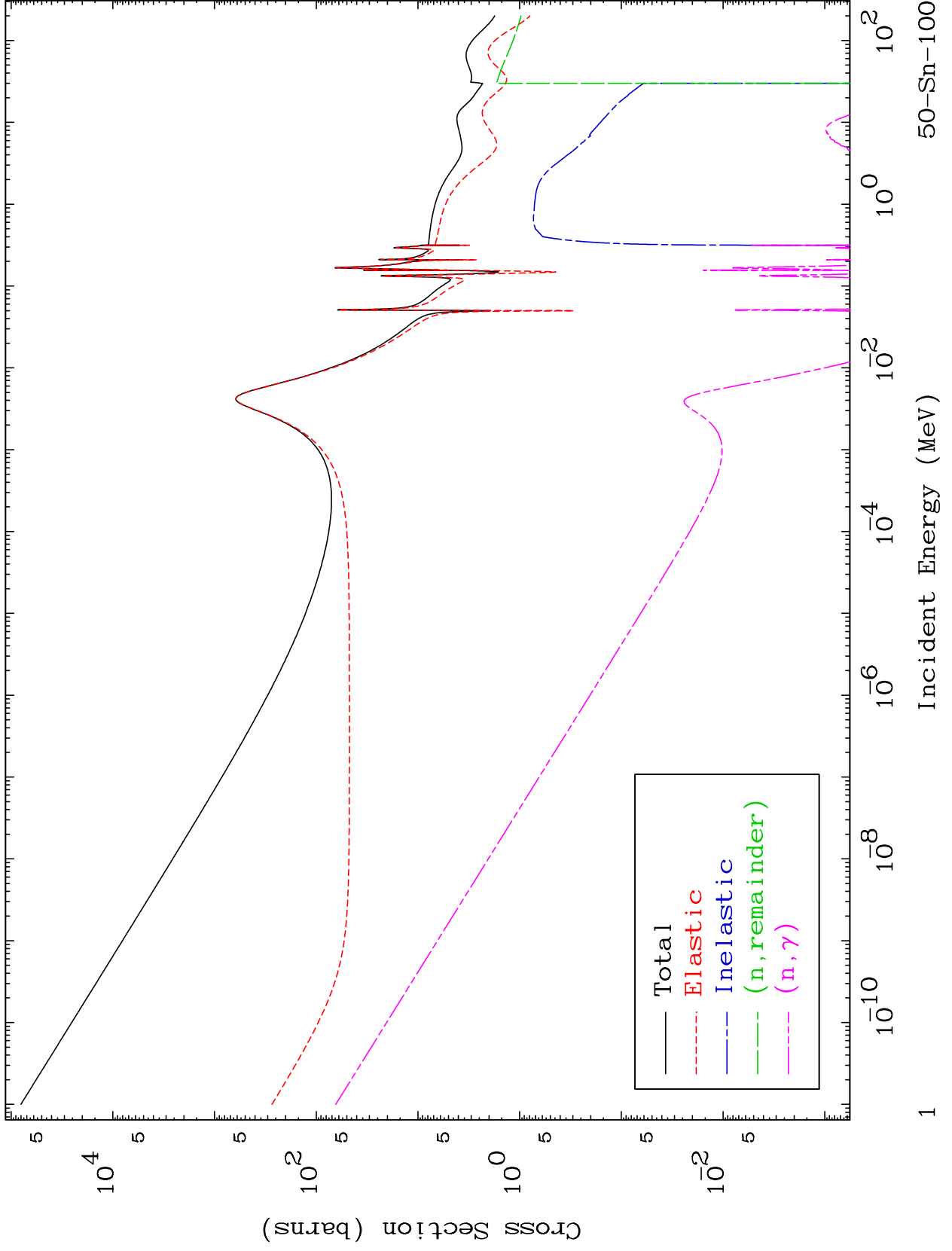
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4989

Major  
293 Kelvin Cross Sections

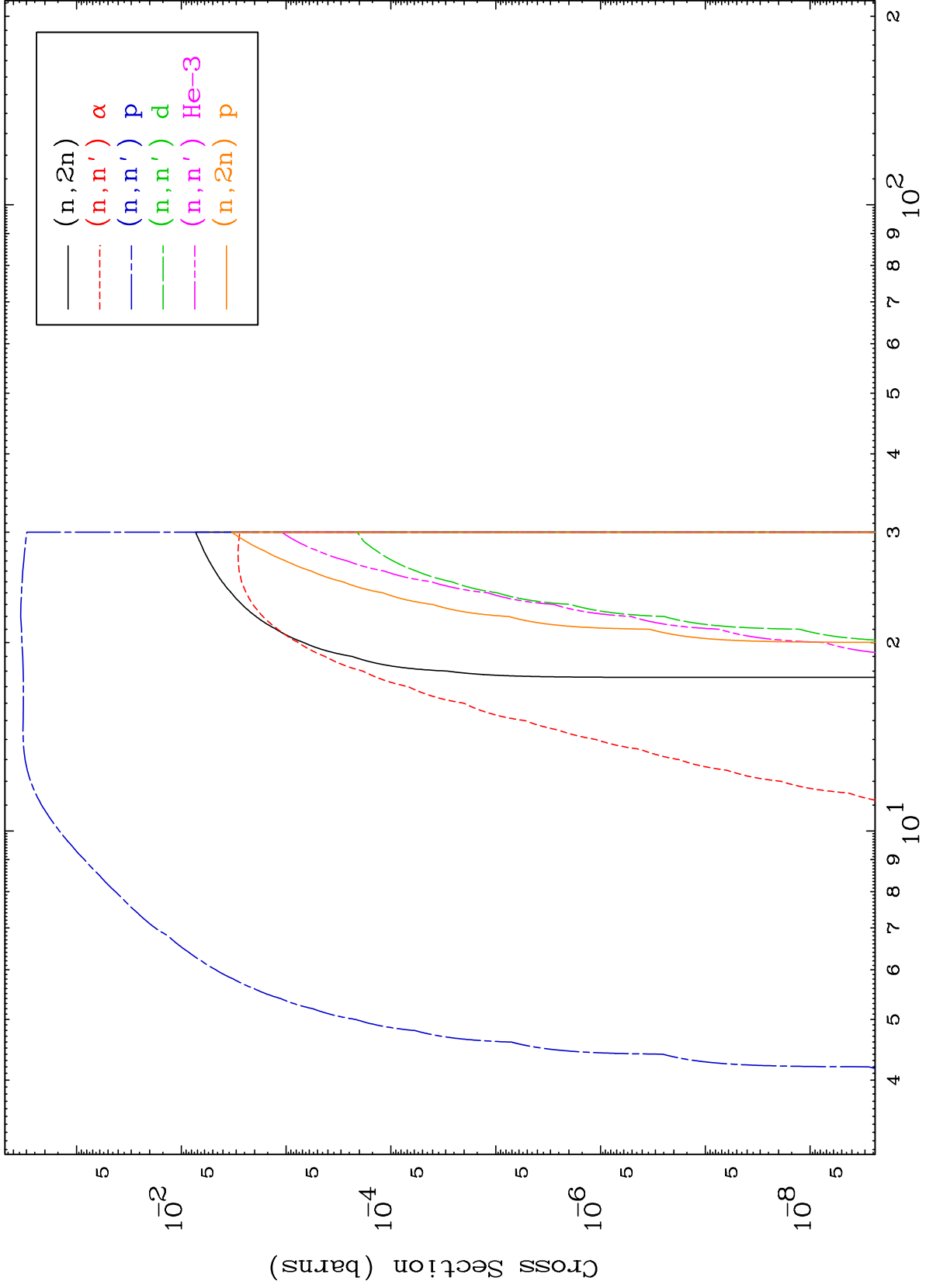
50-Sn-100



MAT 4989

Neutron Production  
293 Kelvin Cross Sections

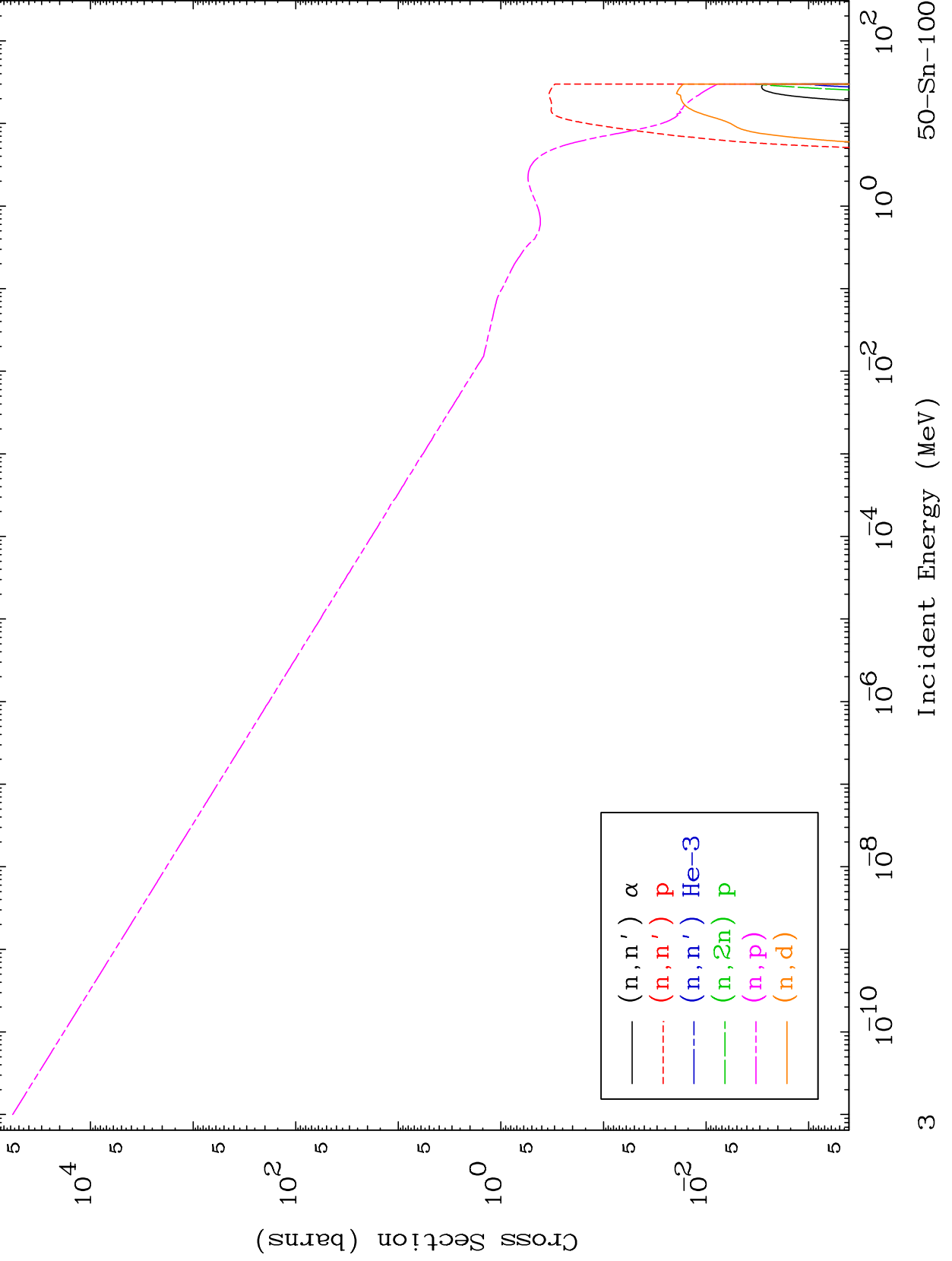
50-Sn-100



MAT 4989

Charged Particle  
293 Kelvin Cross Sections

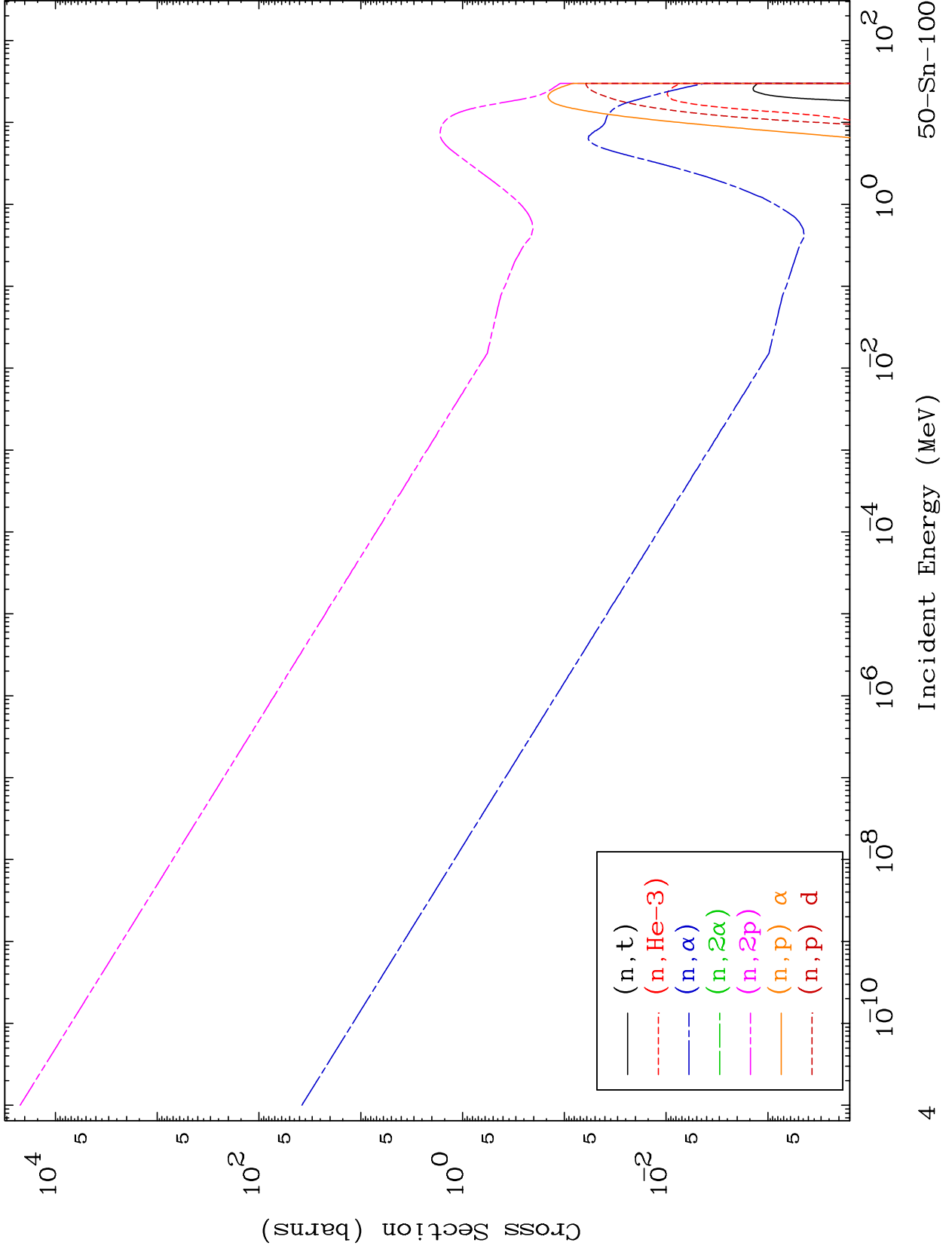
50-Sn-100



MAT 4989

Charged Particle  
293 Kelvin Cross Sections

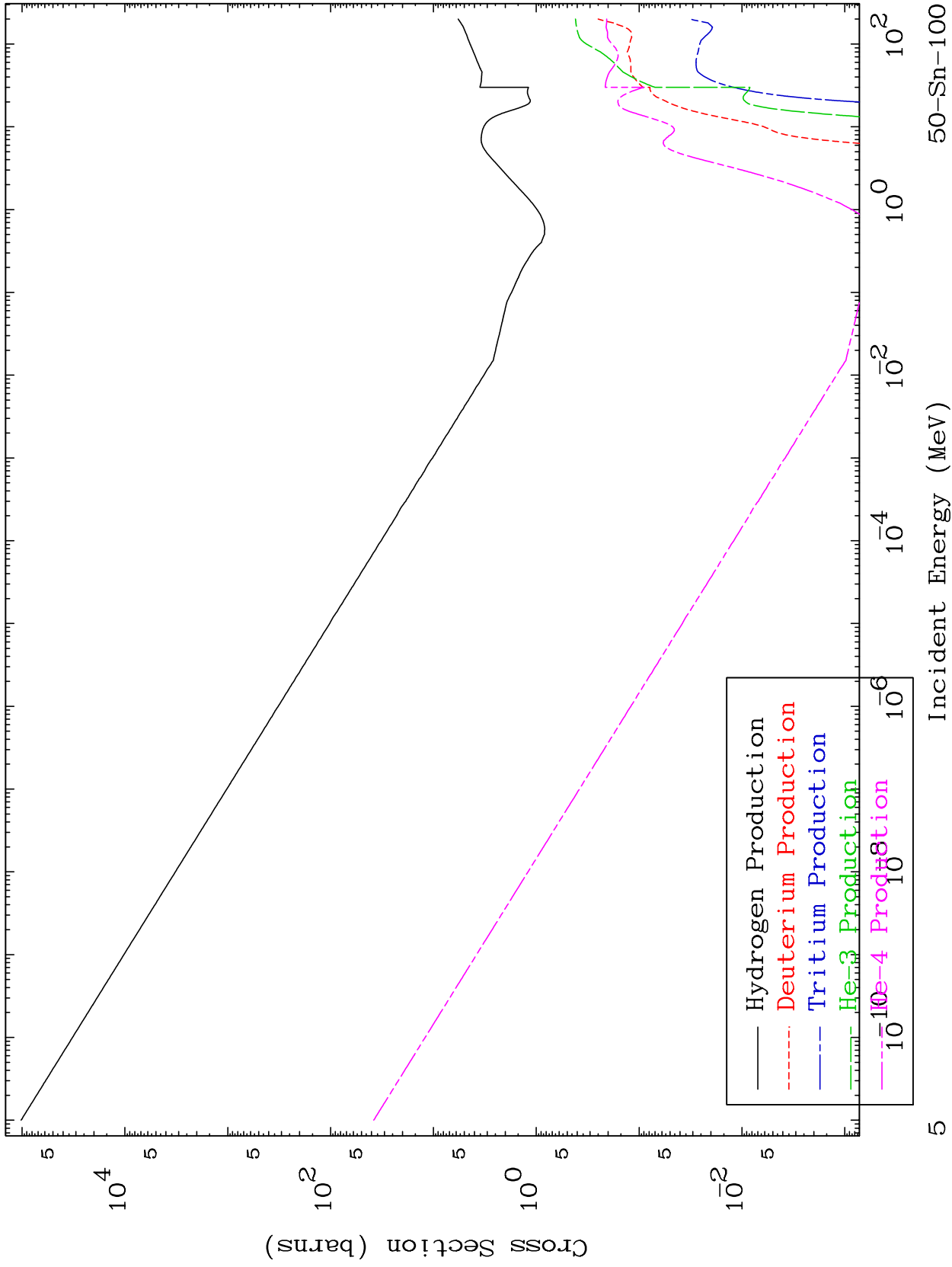
50-Sn-100

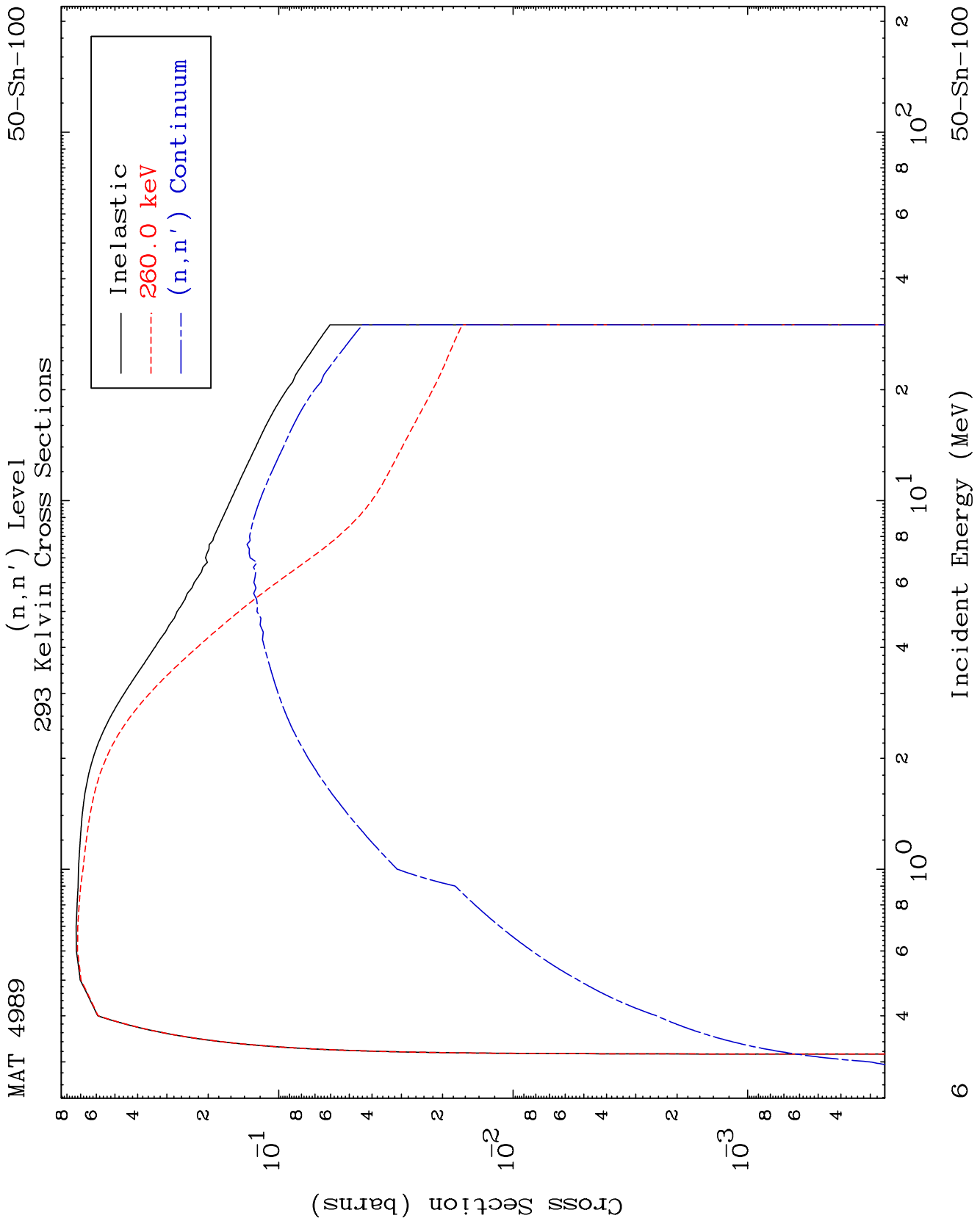


MAT 4989

Particle Production  
293 Kelvin Cross Sections

50-Sn-100

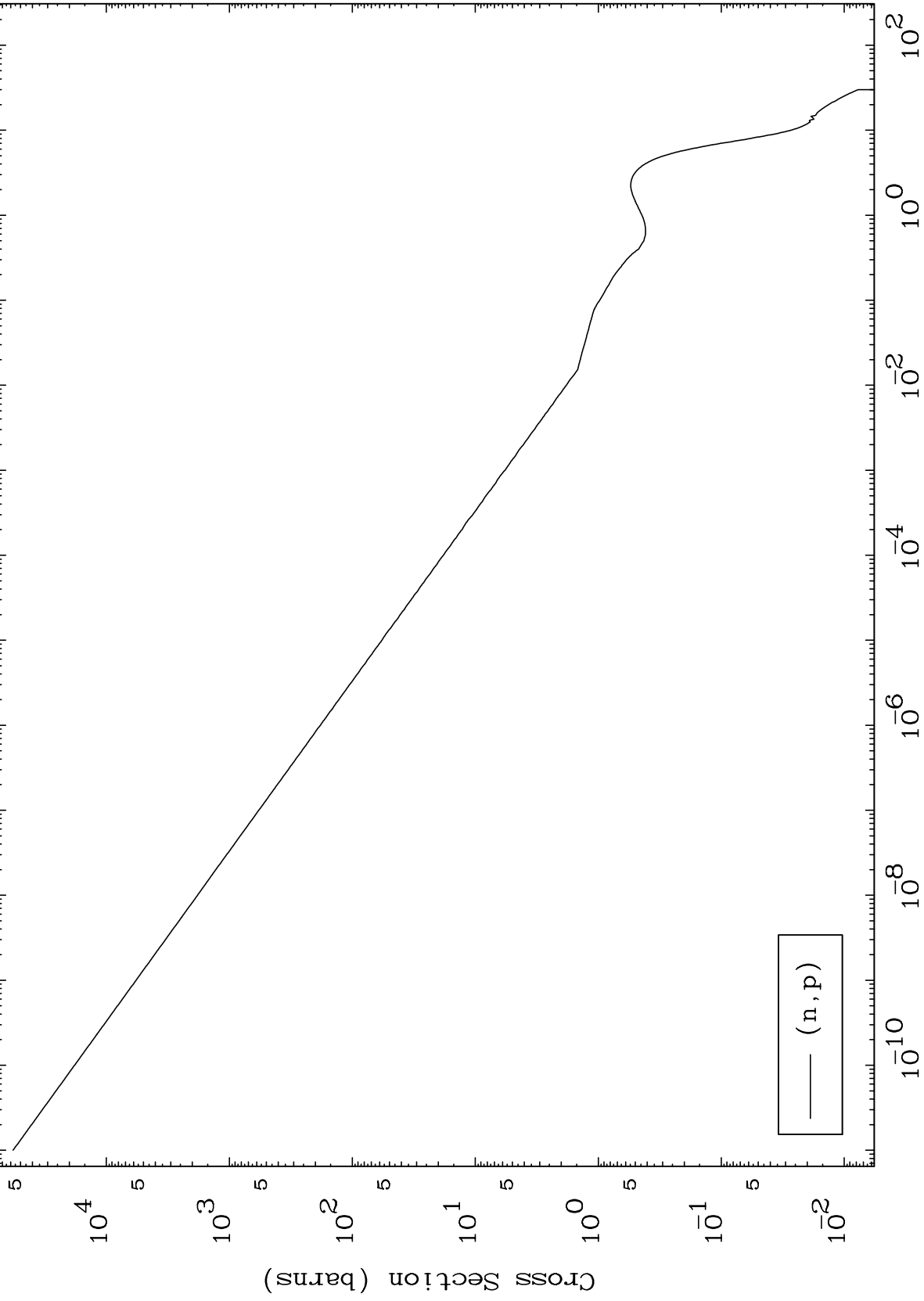




MAT 4989

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-100



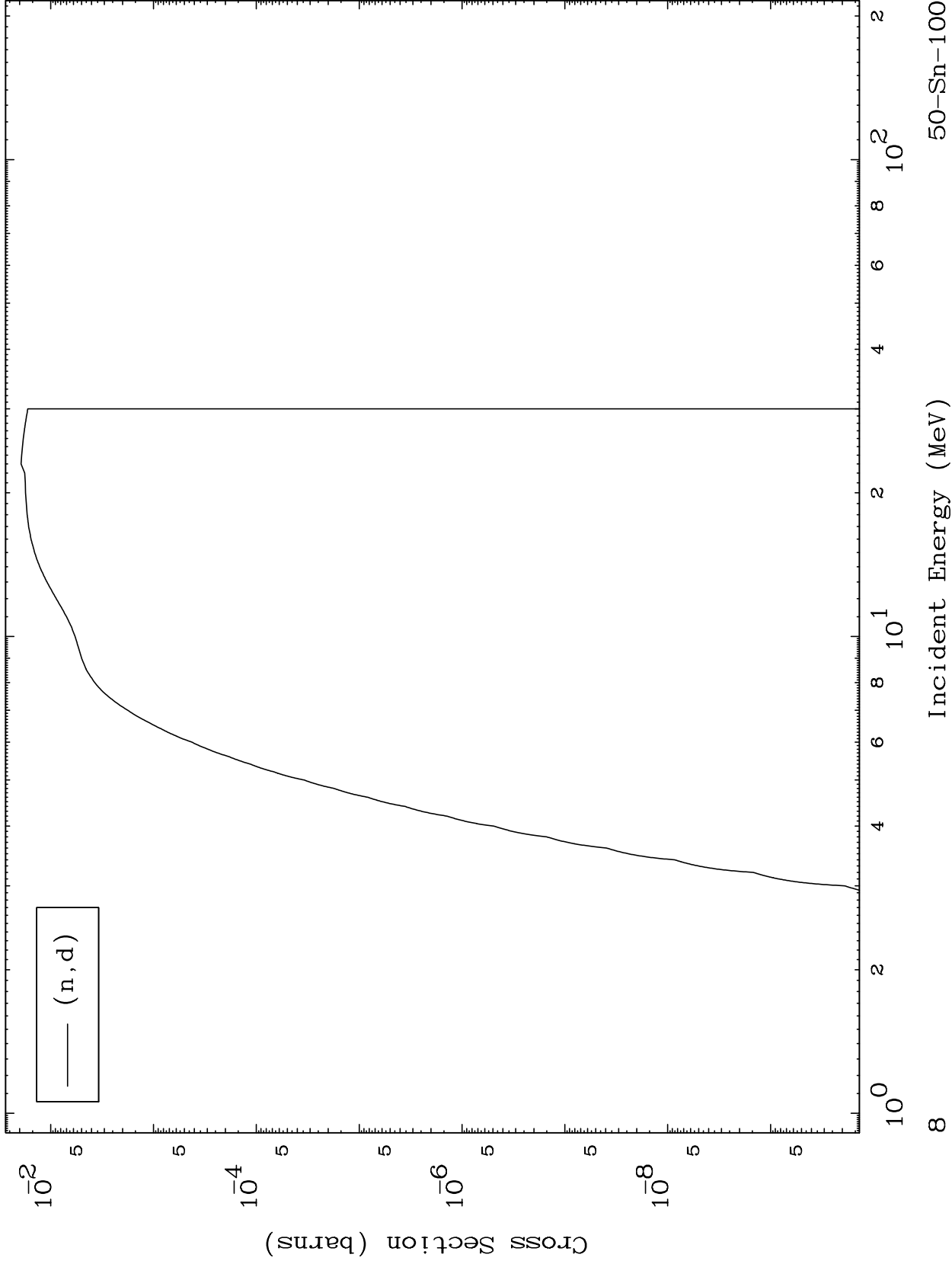
— (n,p)



MAT 4989

(n,d) Levels  
293 Kelvin Cross Sections

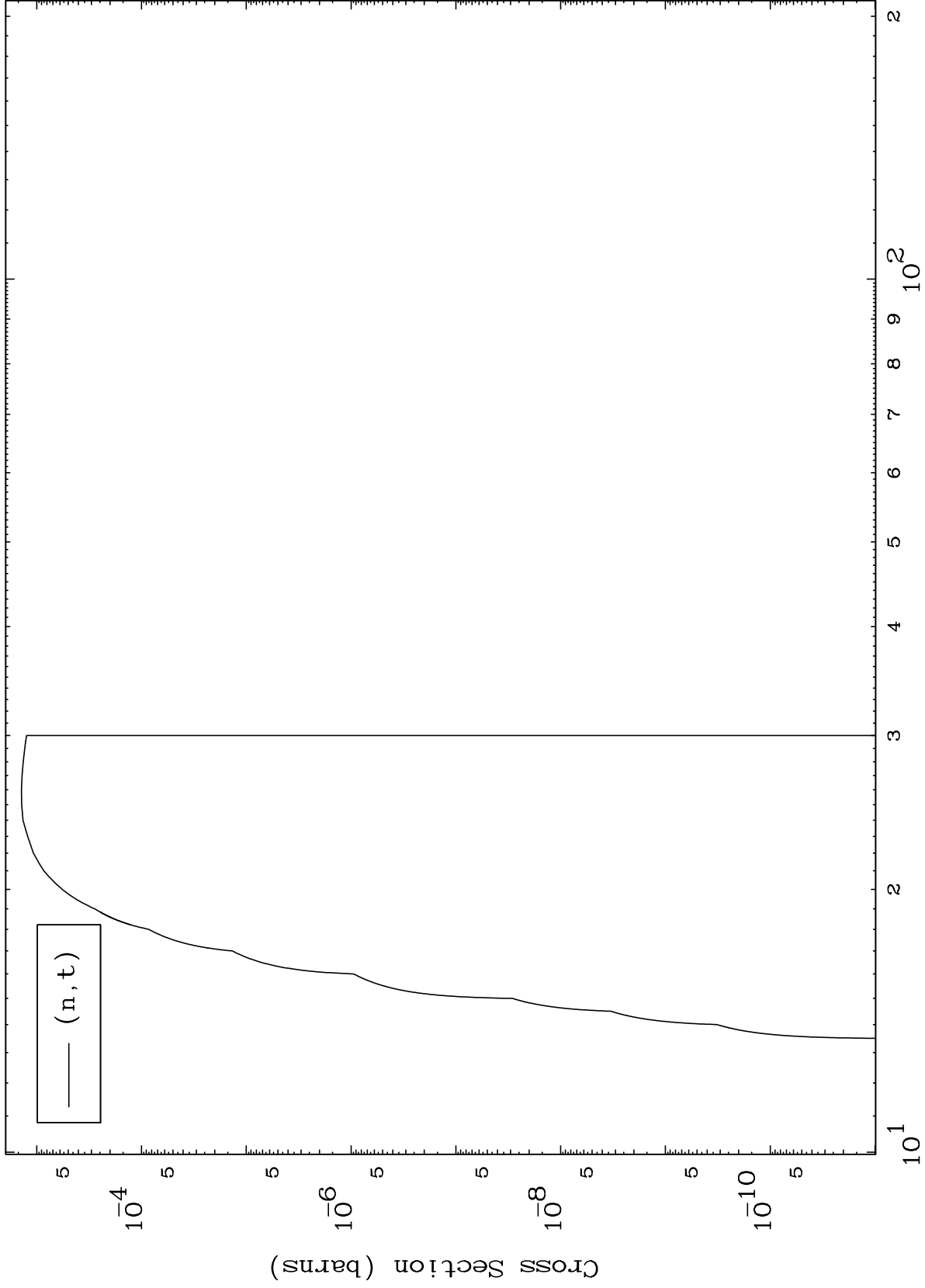
50-Sn-100



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(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-100



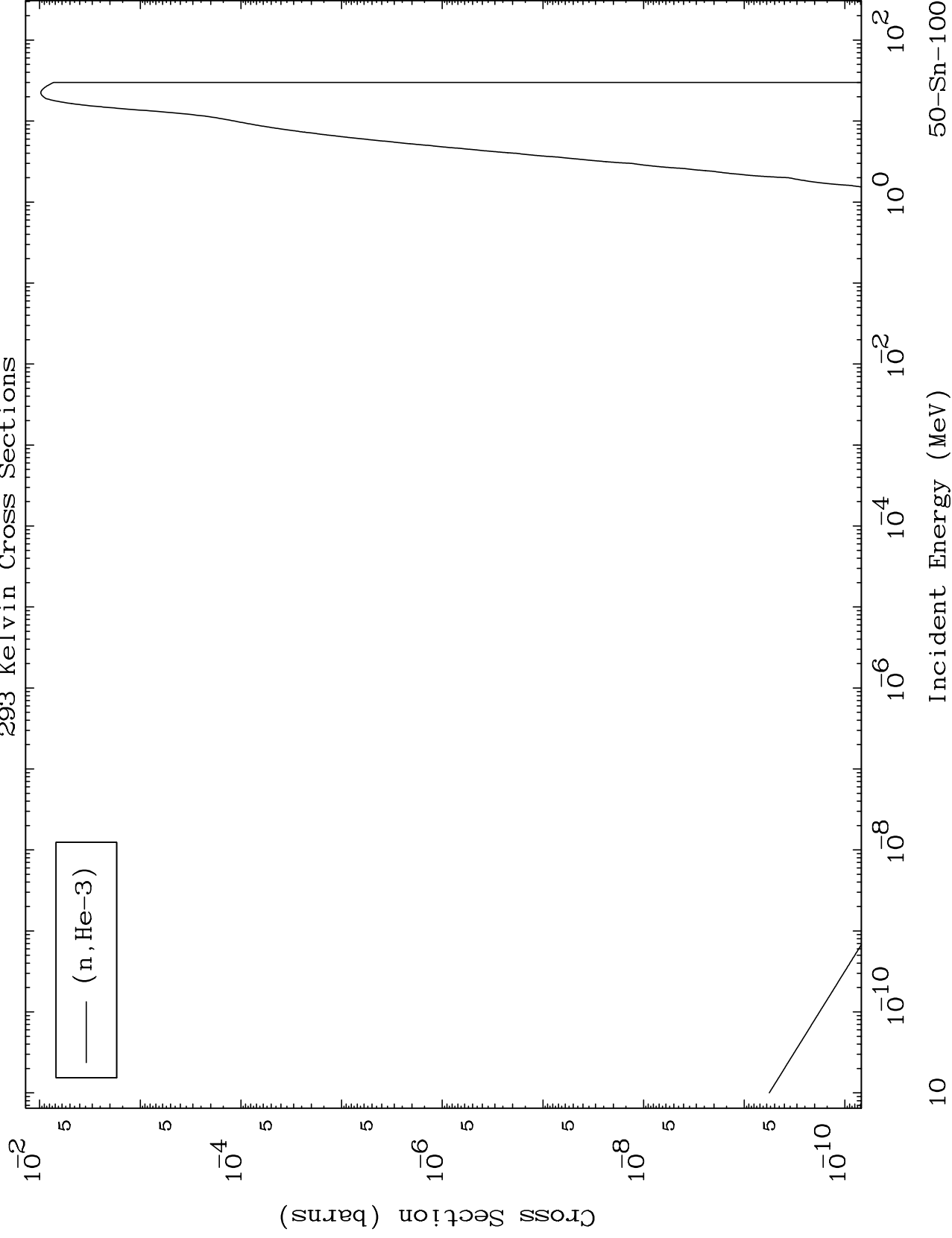
Incident Energy (MeV)

50-Sn-100

MAT 4989

(n,He3) Levels  
293 Kelvin Cross Sections

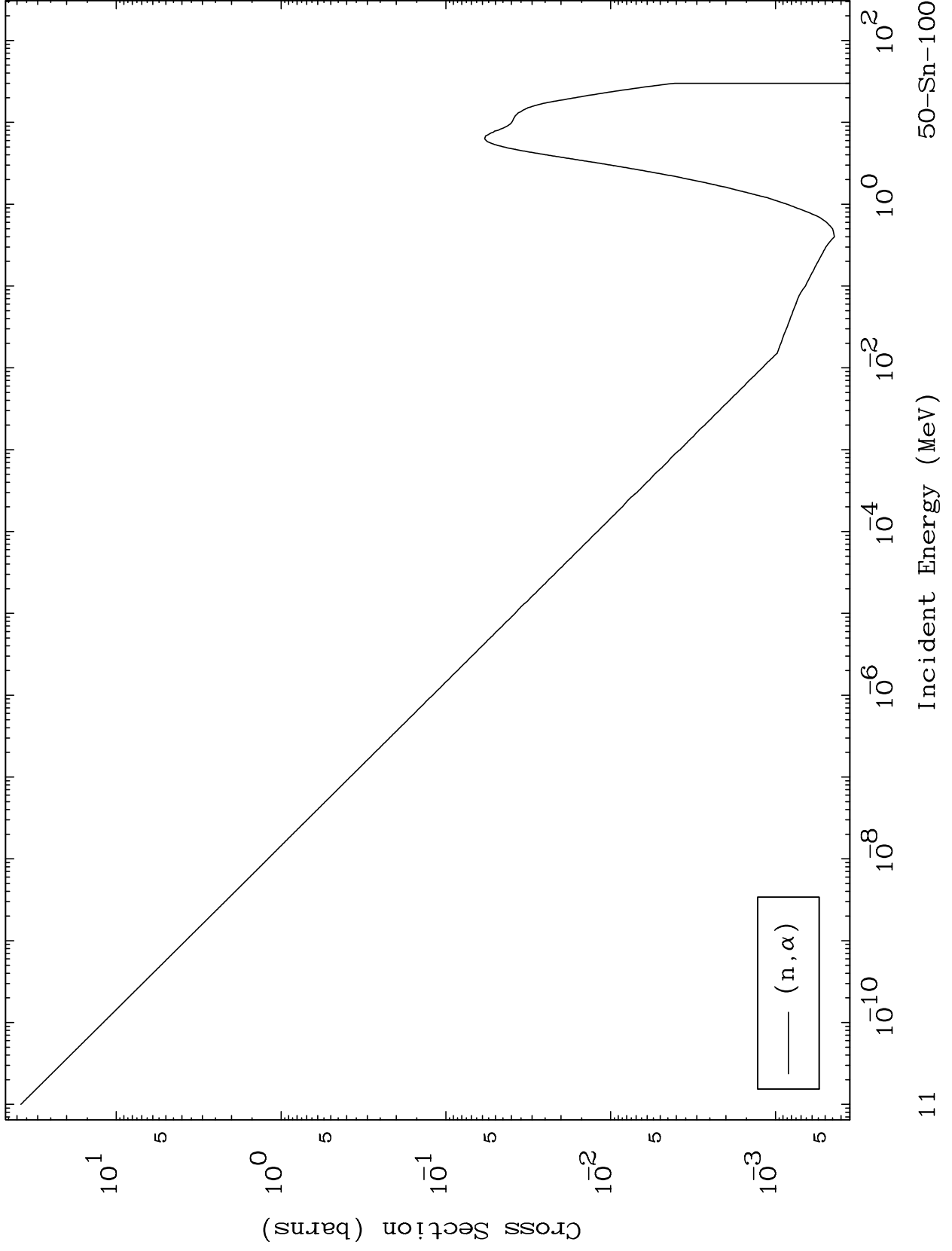
50-Sn-100



MAT 4989

(n,α) Levels  
293 Kelvin Cross Sections

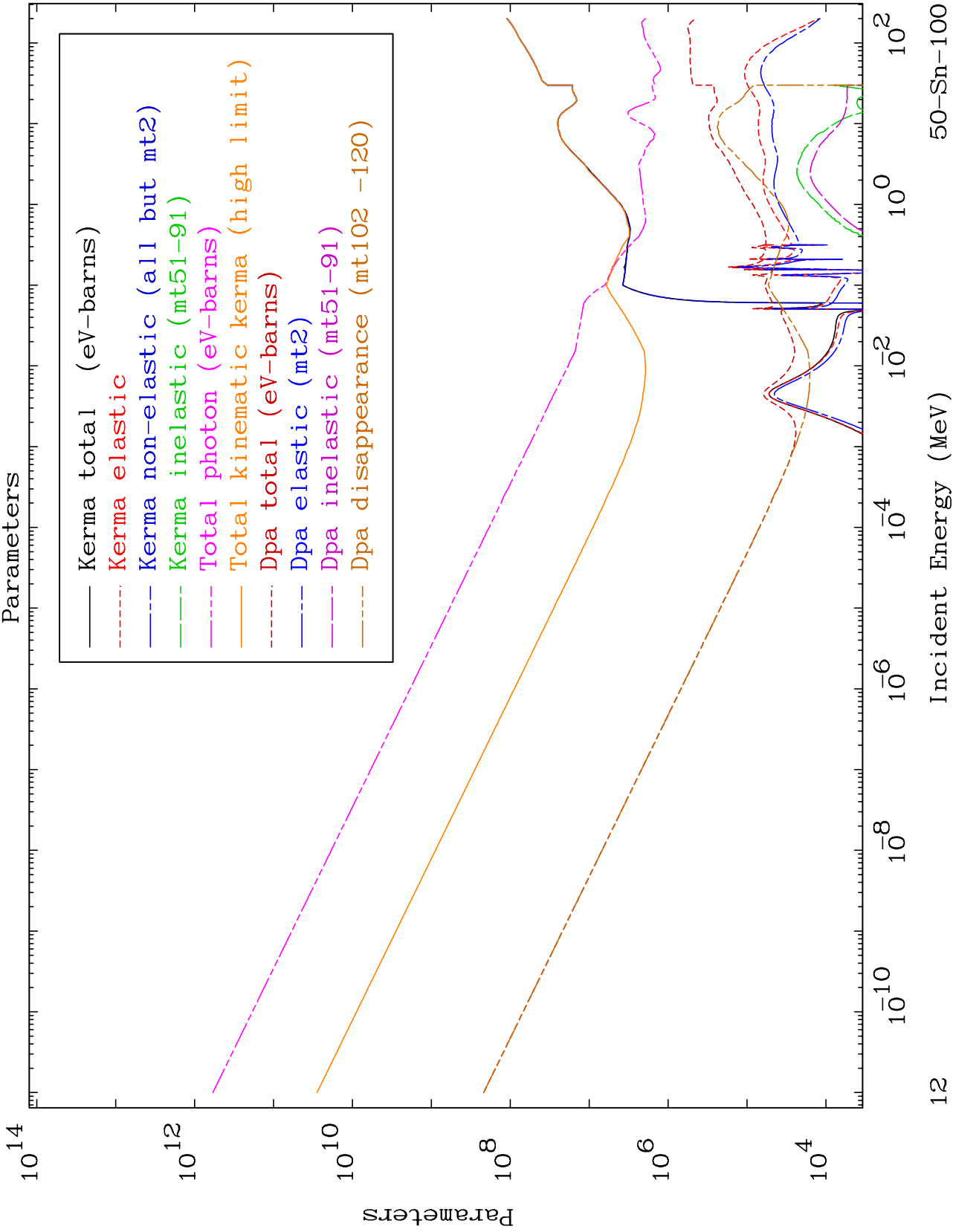
50-Sn-100



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Energy Release  
Parameters

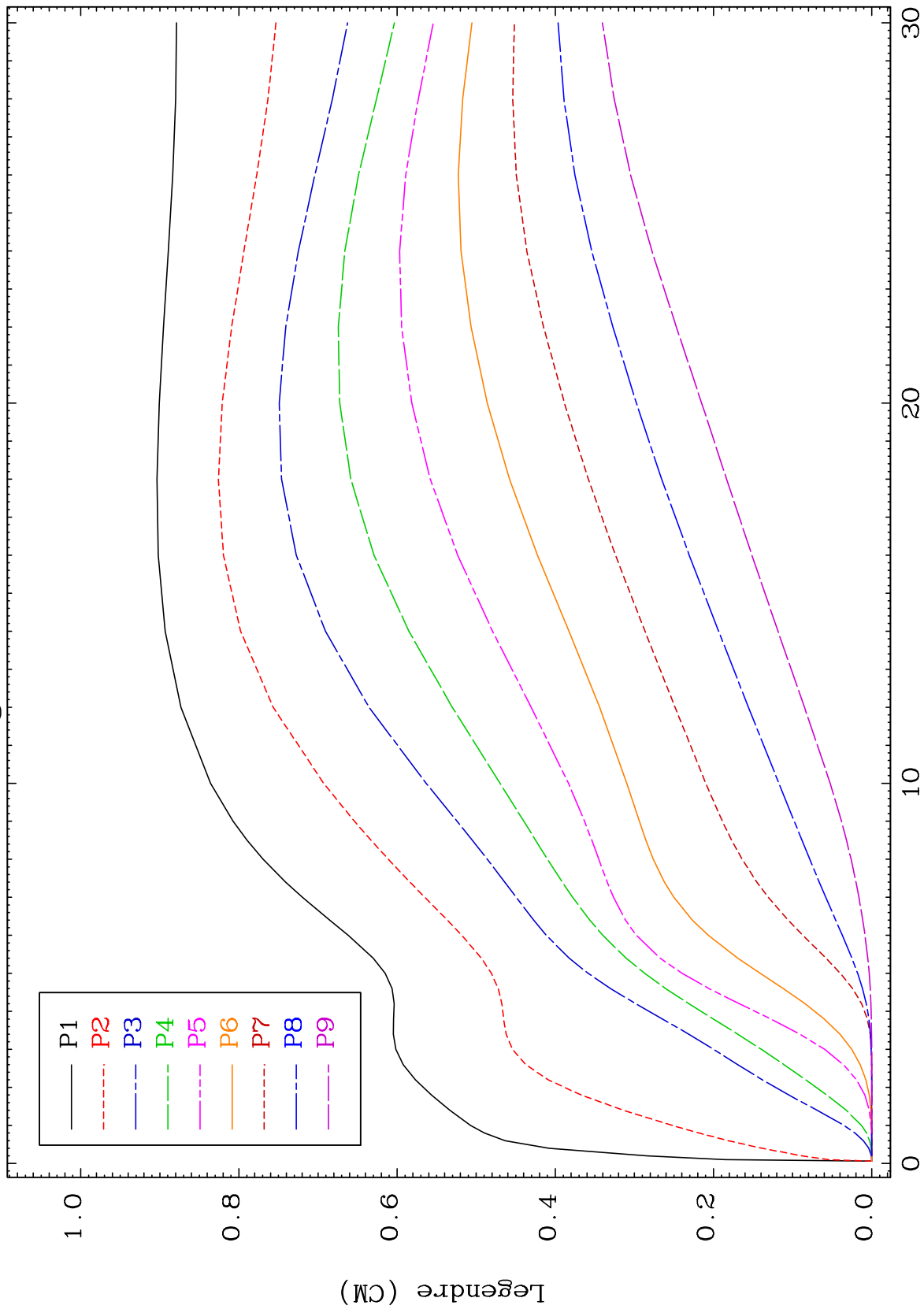
50-Sn-100



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Elastic Legendre Coefficients

50-Sn-100



13

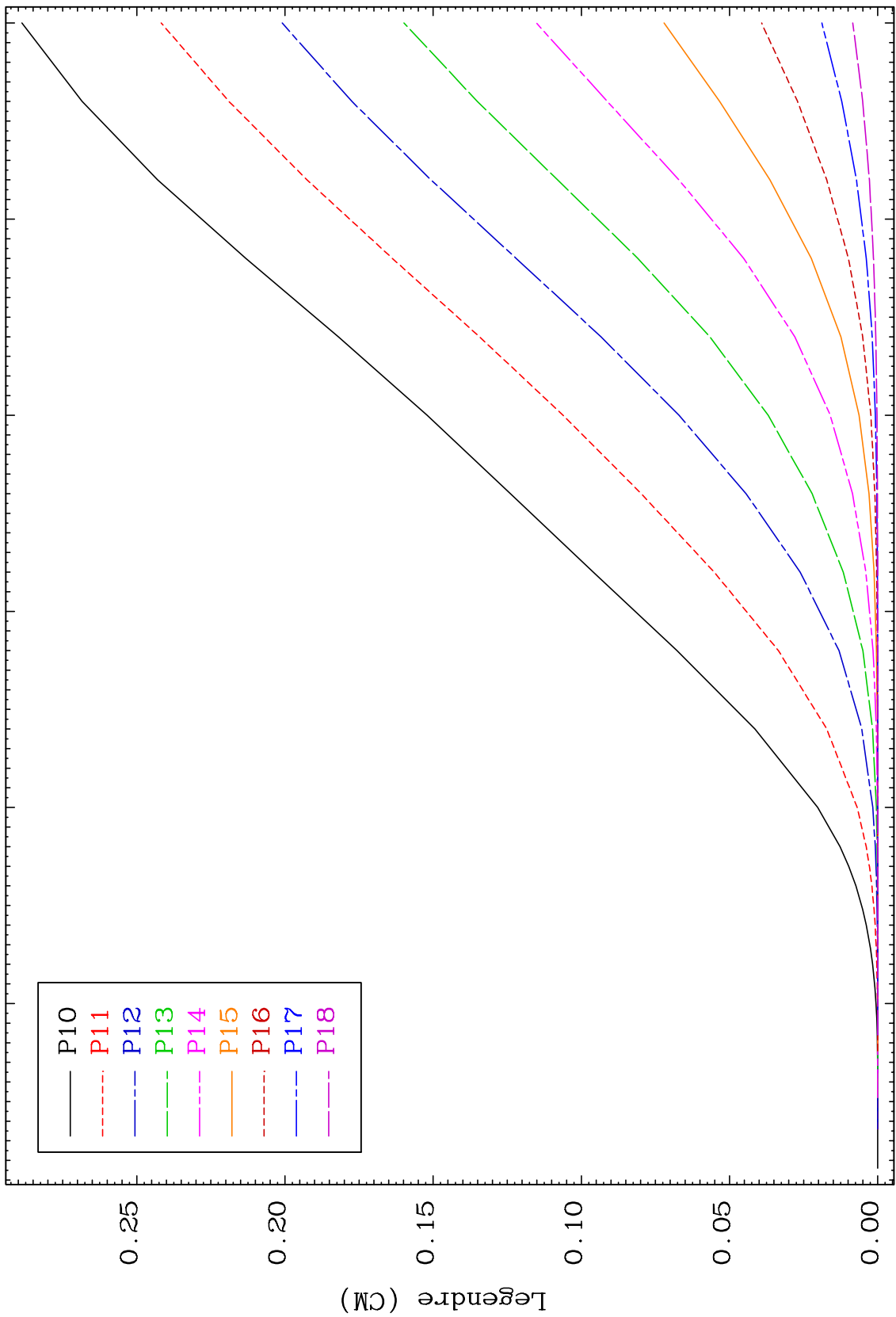
Incident Energy (MeV)

50-Sn-100

MAT 4989

Elastic  
Legendre Coefficients

50-Sn-100



14

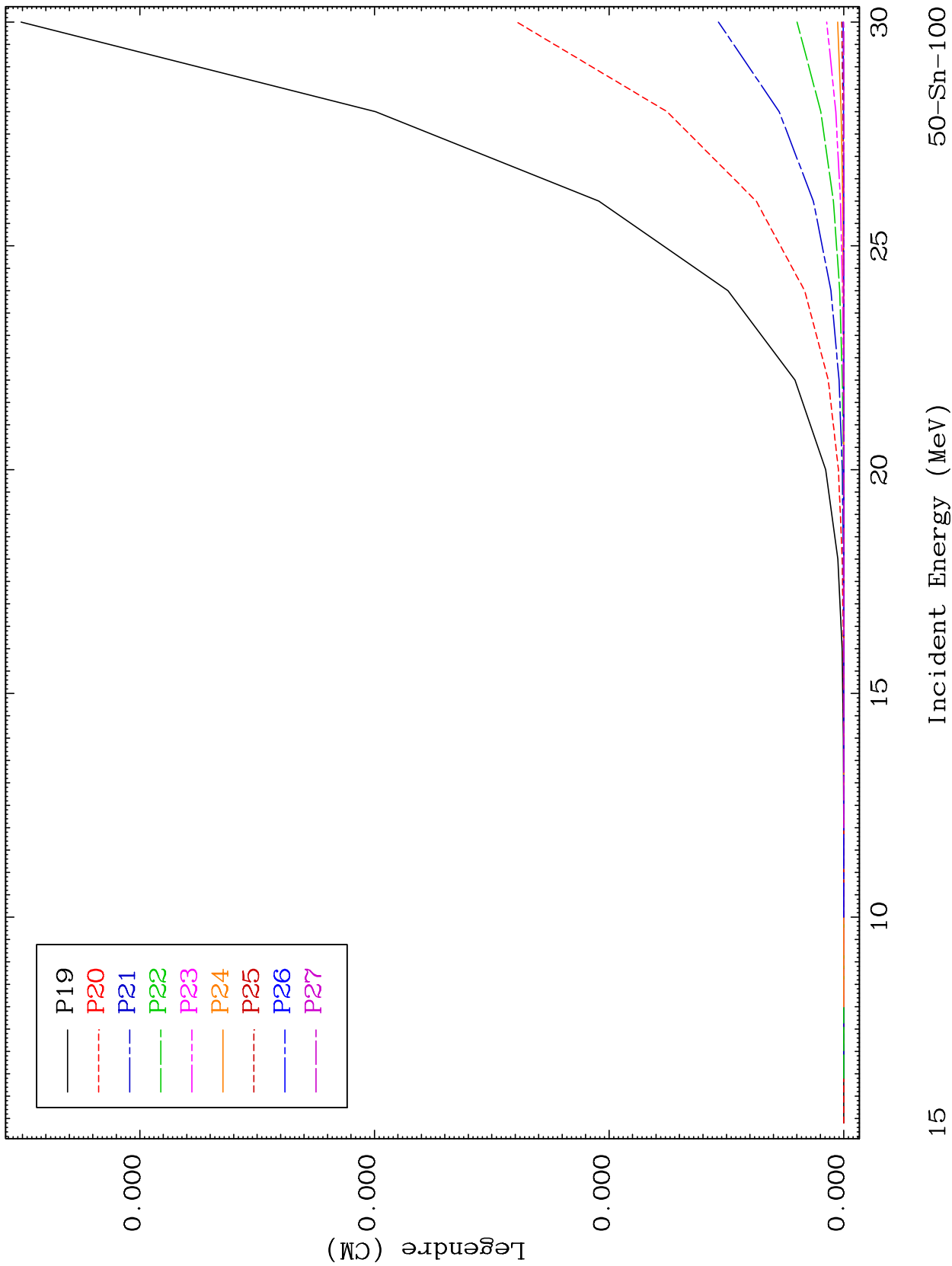
Incident Energy (MeV)

50-Sn-100

MAT 4989

Elastic  
Legendre Coefficients

50-Sn-100



15

Incident Energy (MeV)

50-Sn-100



MAT 4989

Elastic Legendre Coefficients

50-Sn-100

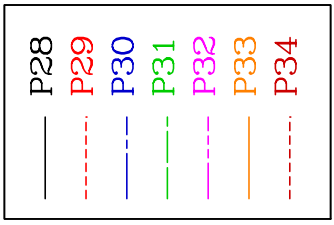
$\times 10^{-7}$   
0.5

Legendre (CM)

0.0

-0.5

-1.0



15

20

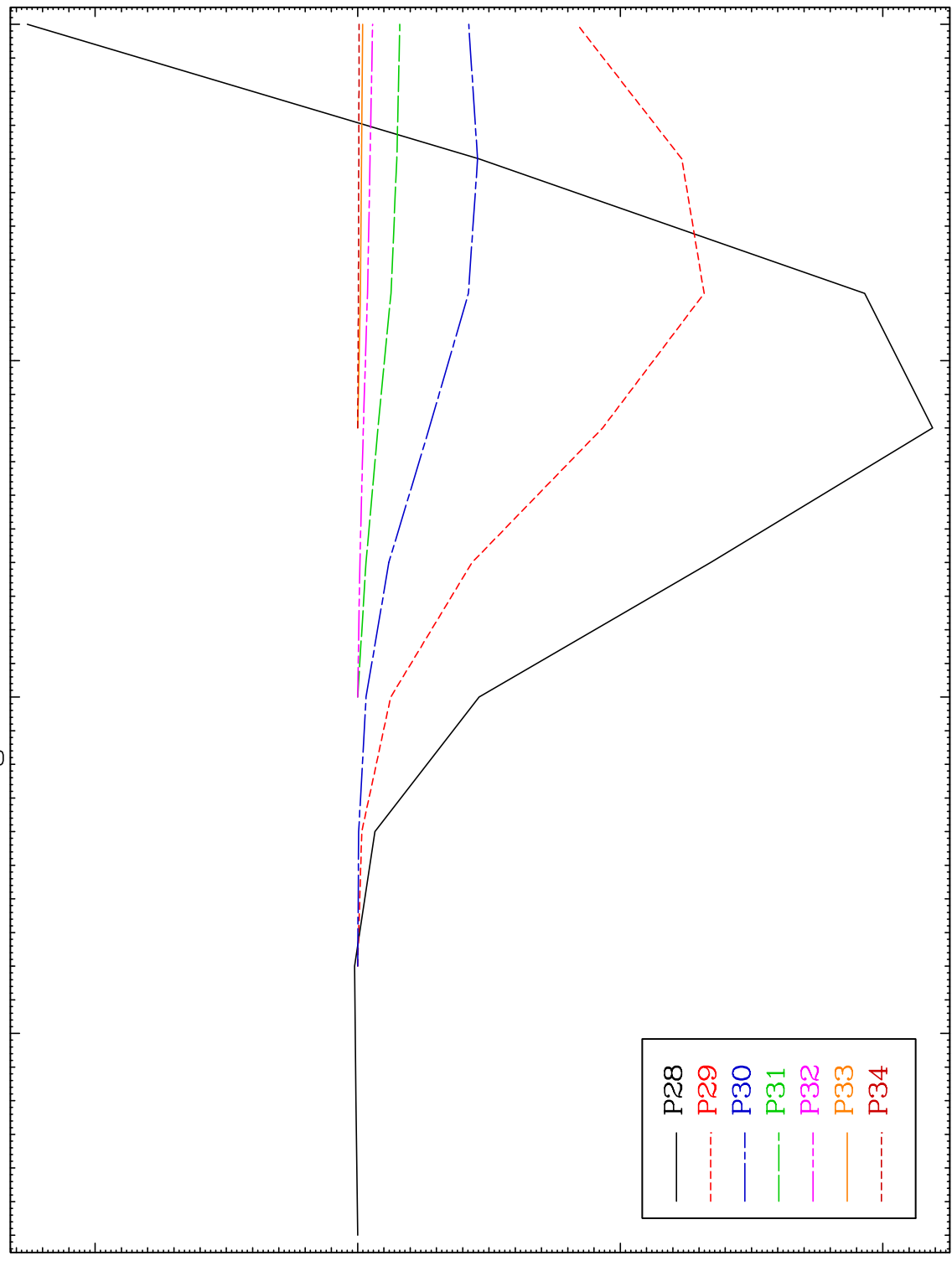
25

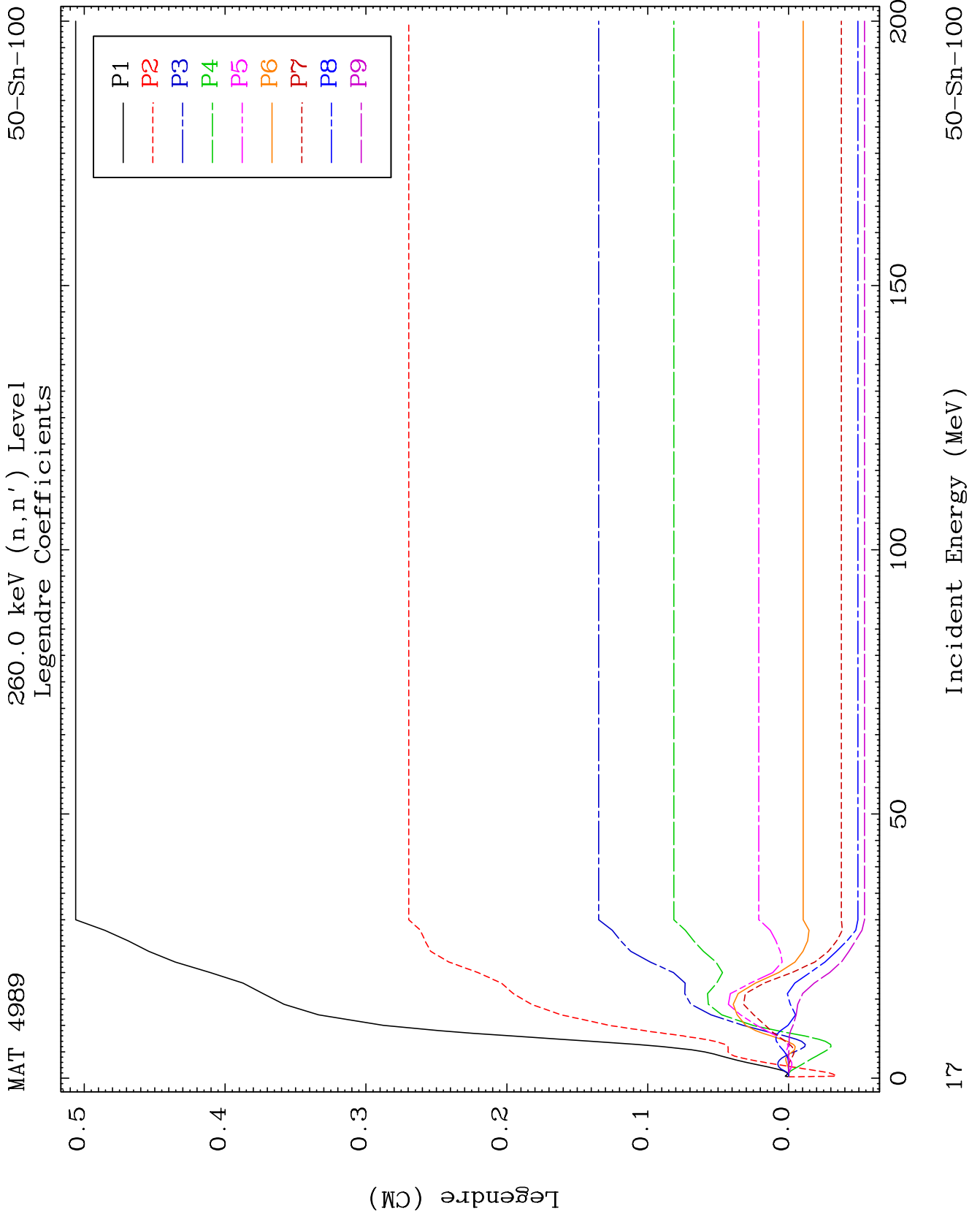
30

16

Incident Energy (MeV)

50-Sn-100

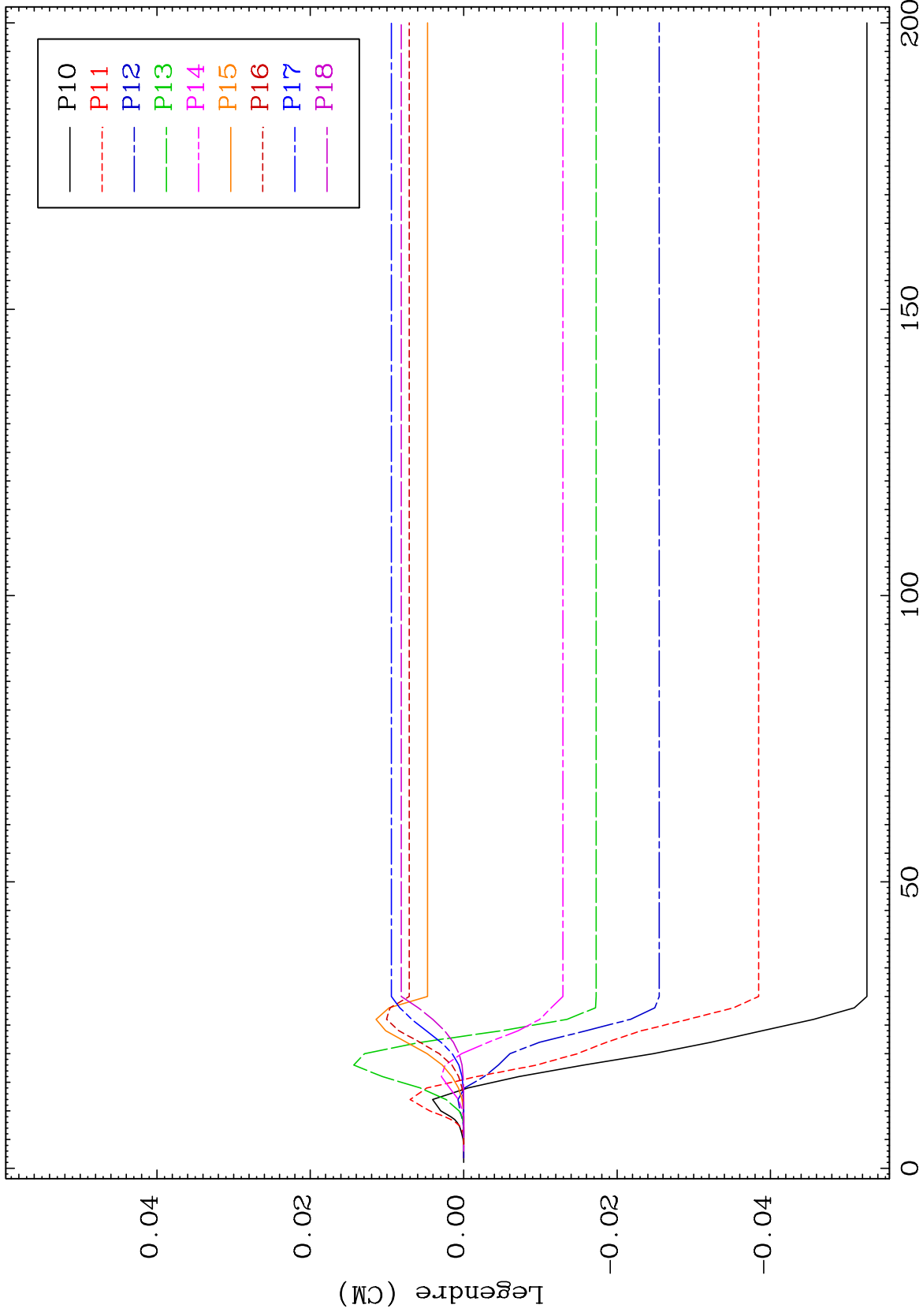




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260.0 keV (n,n') Level  
Legendre Coefficients

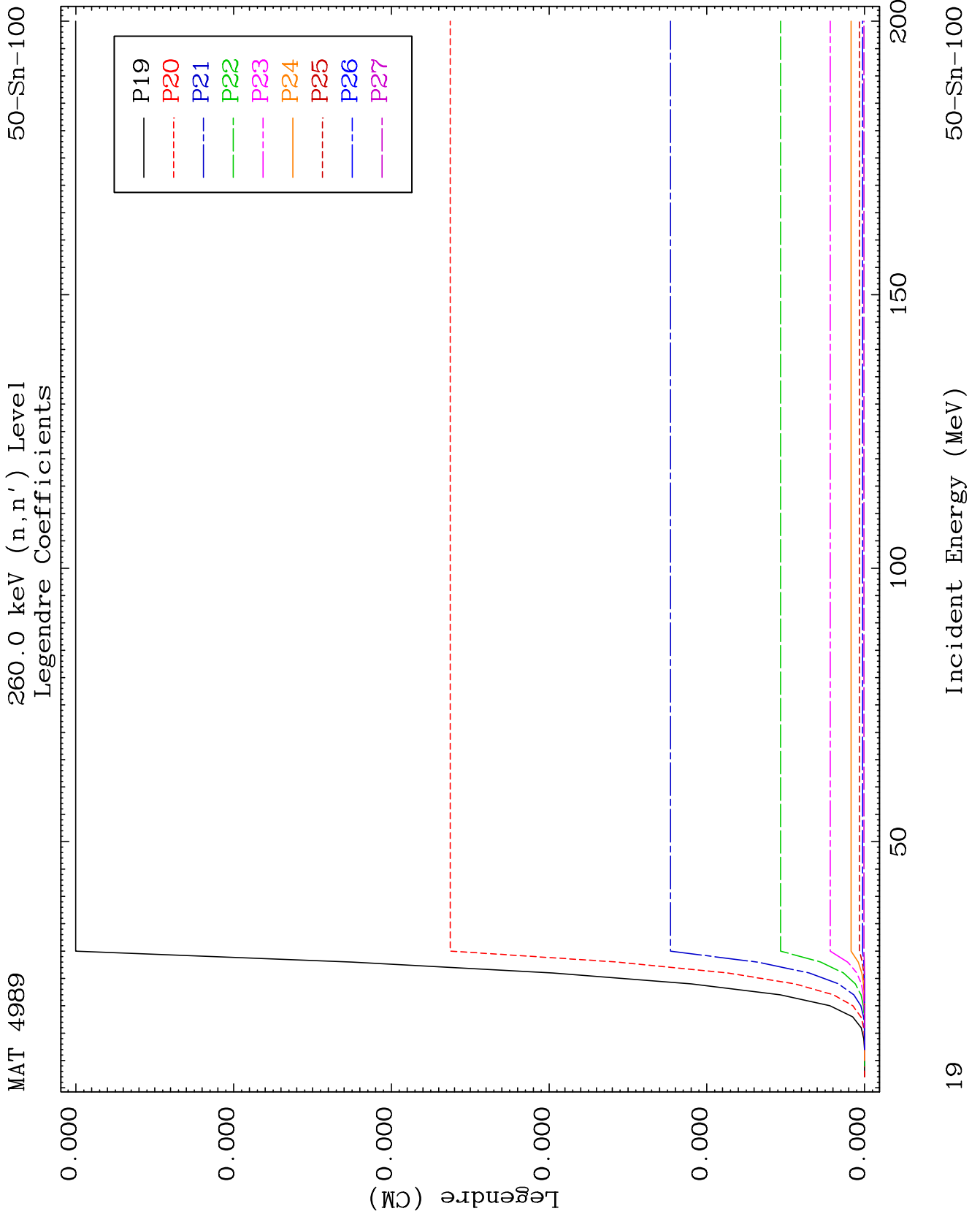
50-Sn-100



18

Incident Energy (MeV)

50-Sn-100



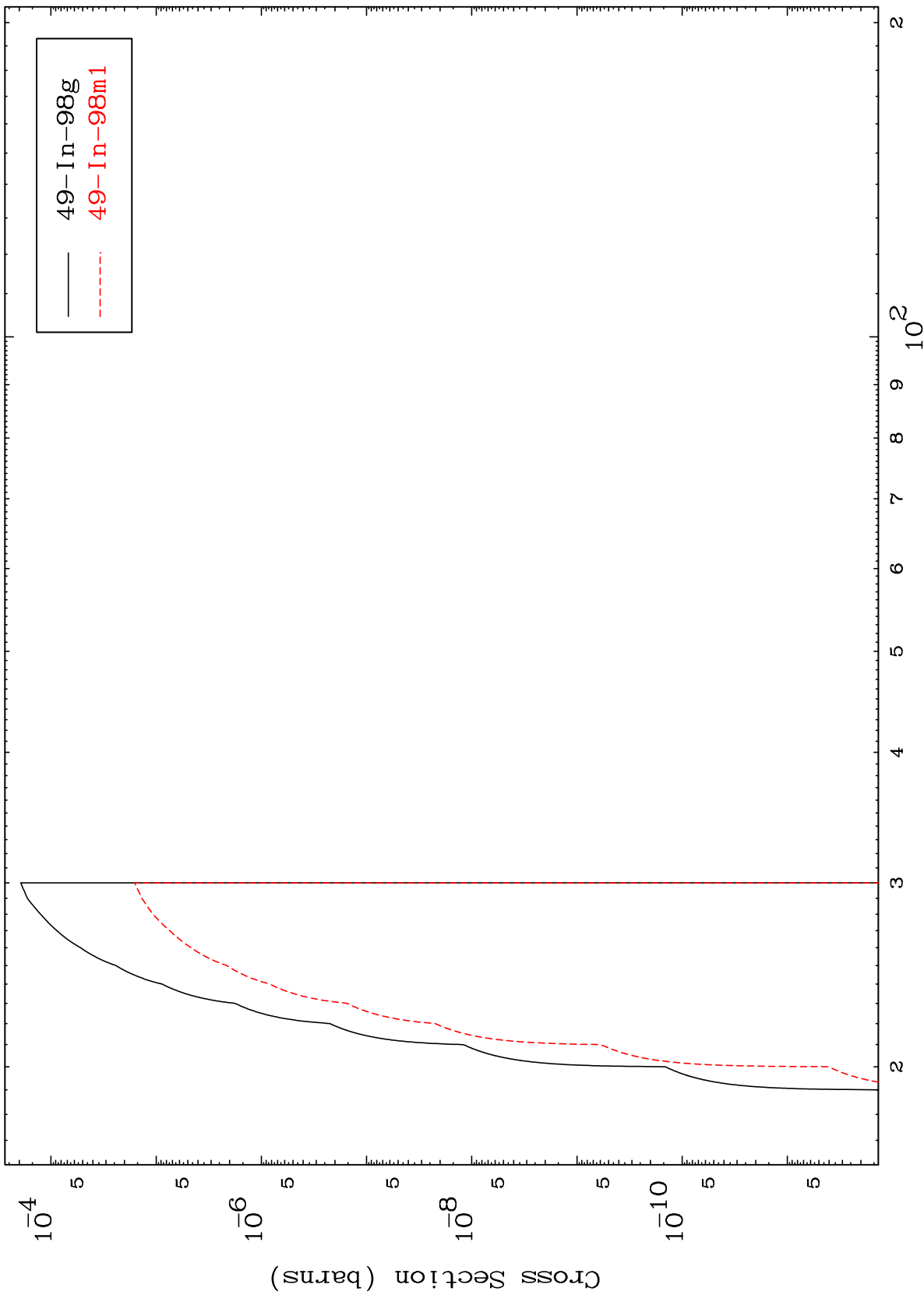


MAT 4989

(n,n') d

50-Sn-100

Radionuclide Production Cross Section

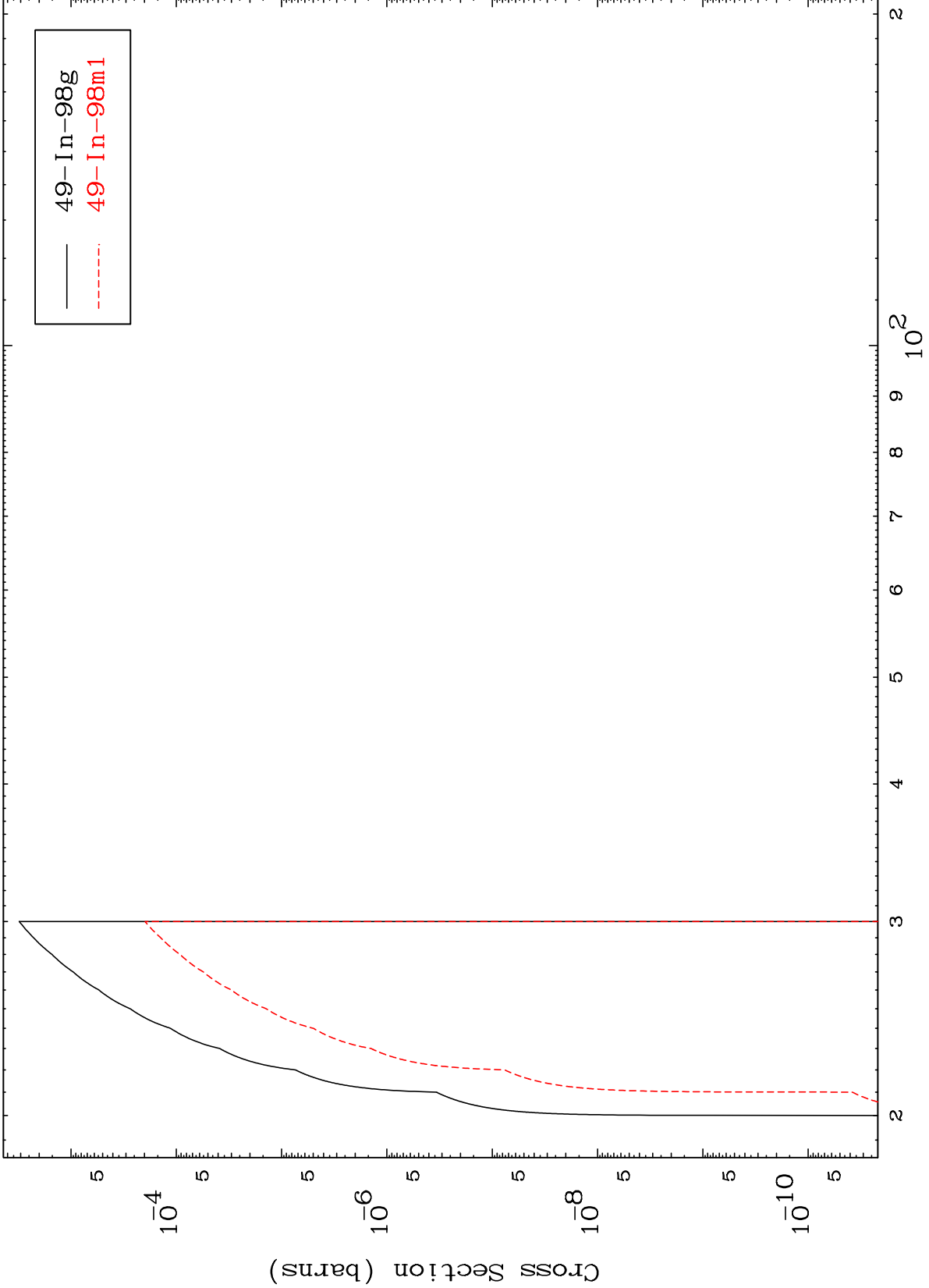


MAT 4989

(n,2n) p

50-Sn-100

Radionuclide Production Cross Section



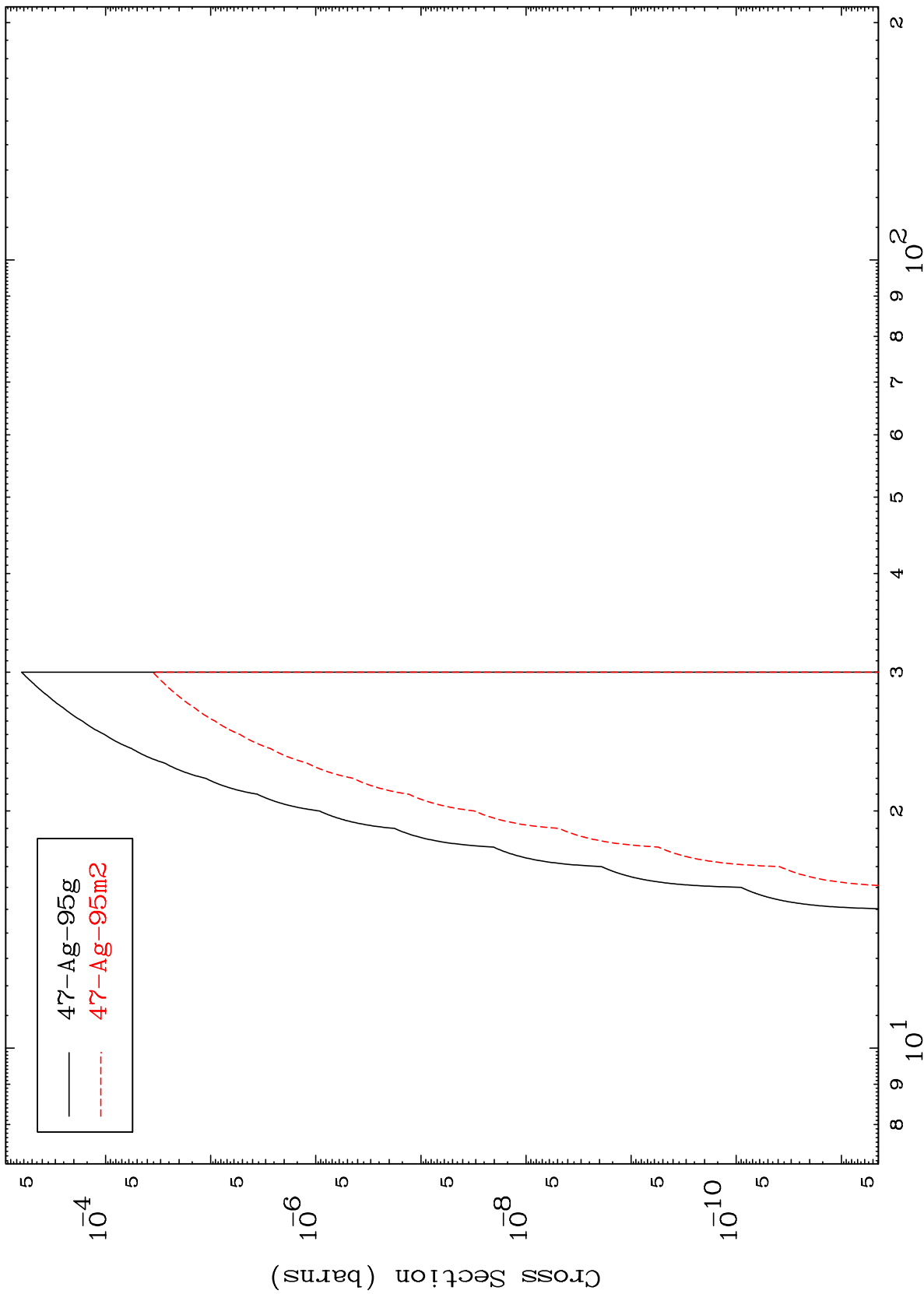
49-In-98g  
49-In-98m1

MAT 4989

(n,n') p  $\alpha$

50-Sn-100

Radionuclide Production Cross Section

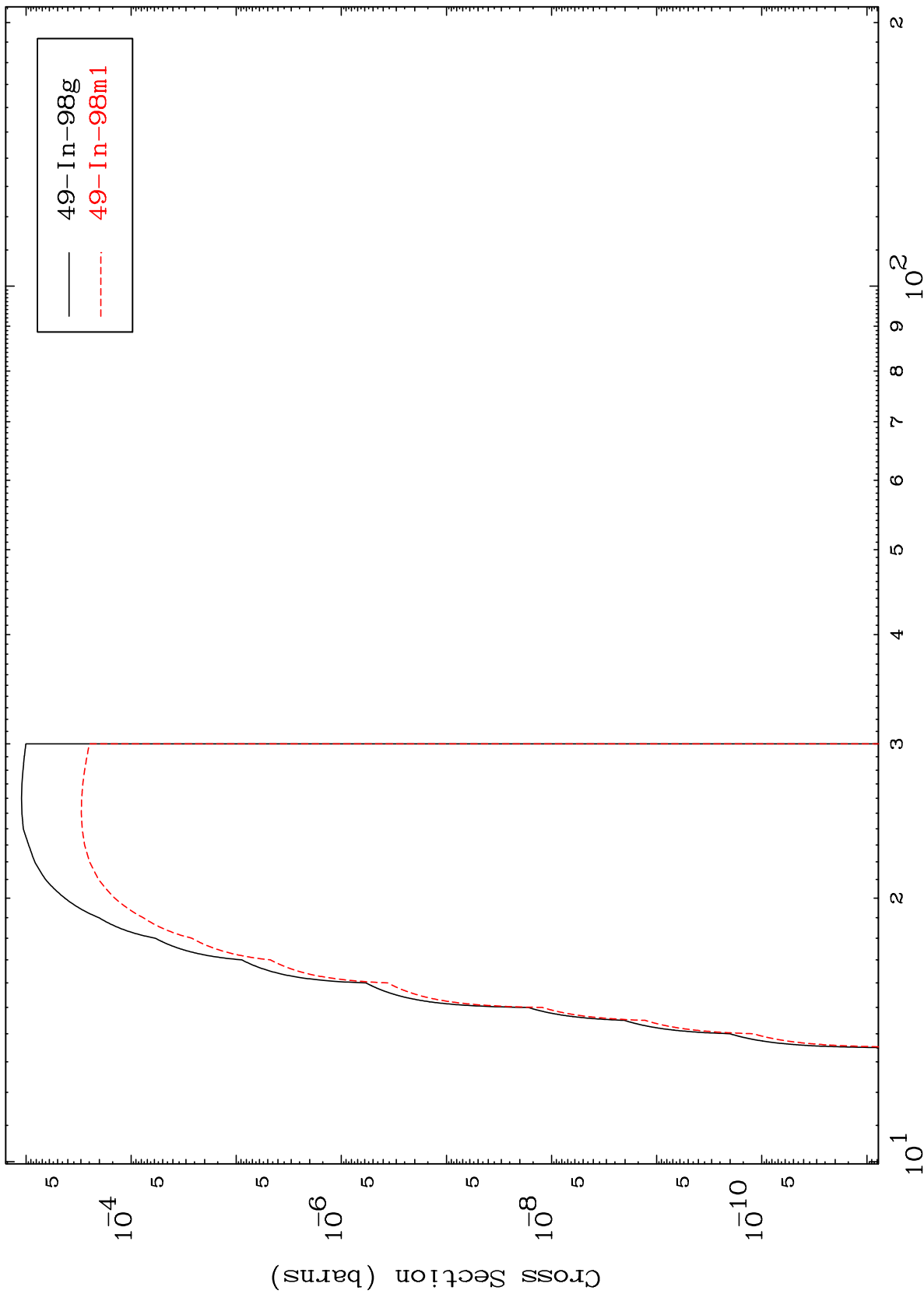




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50-Sn-100

(n,t)  
Radionuclide Production Cross Section



50-Sn-100

Incident Energy (MeV)

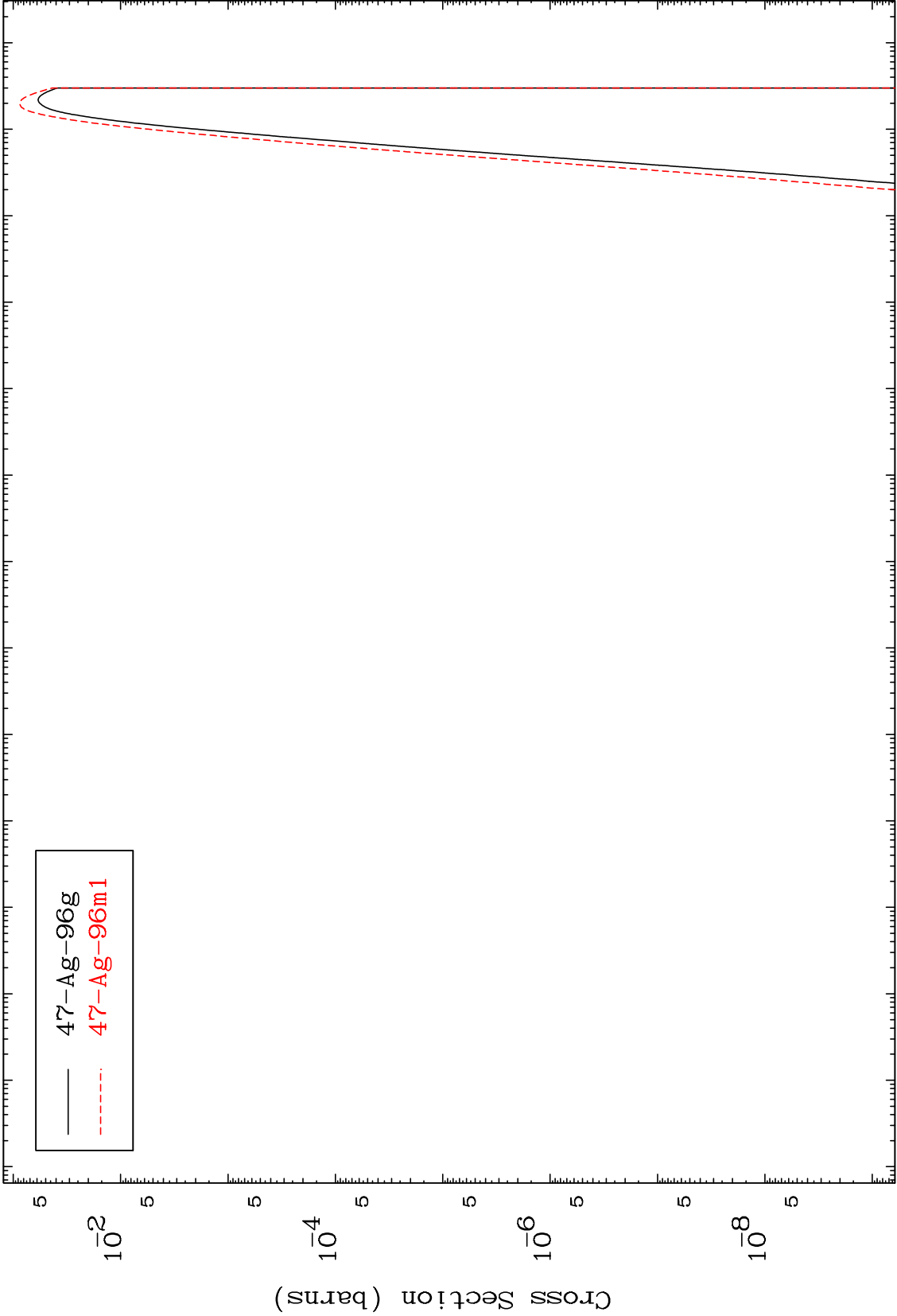
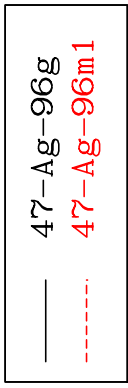
24

MAT 4989

(n,p)  $\alpha$

50-Sn-100

Radionuclide Production Cross Section



50-Sn-100

Incident Energy (MeV)

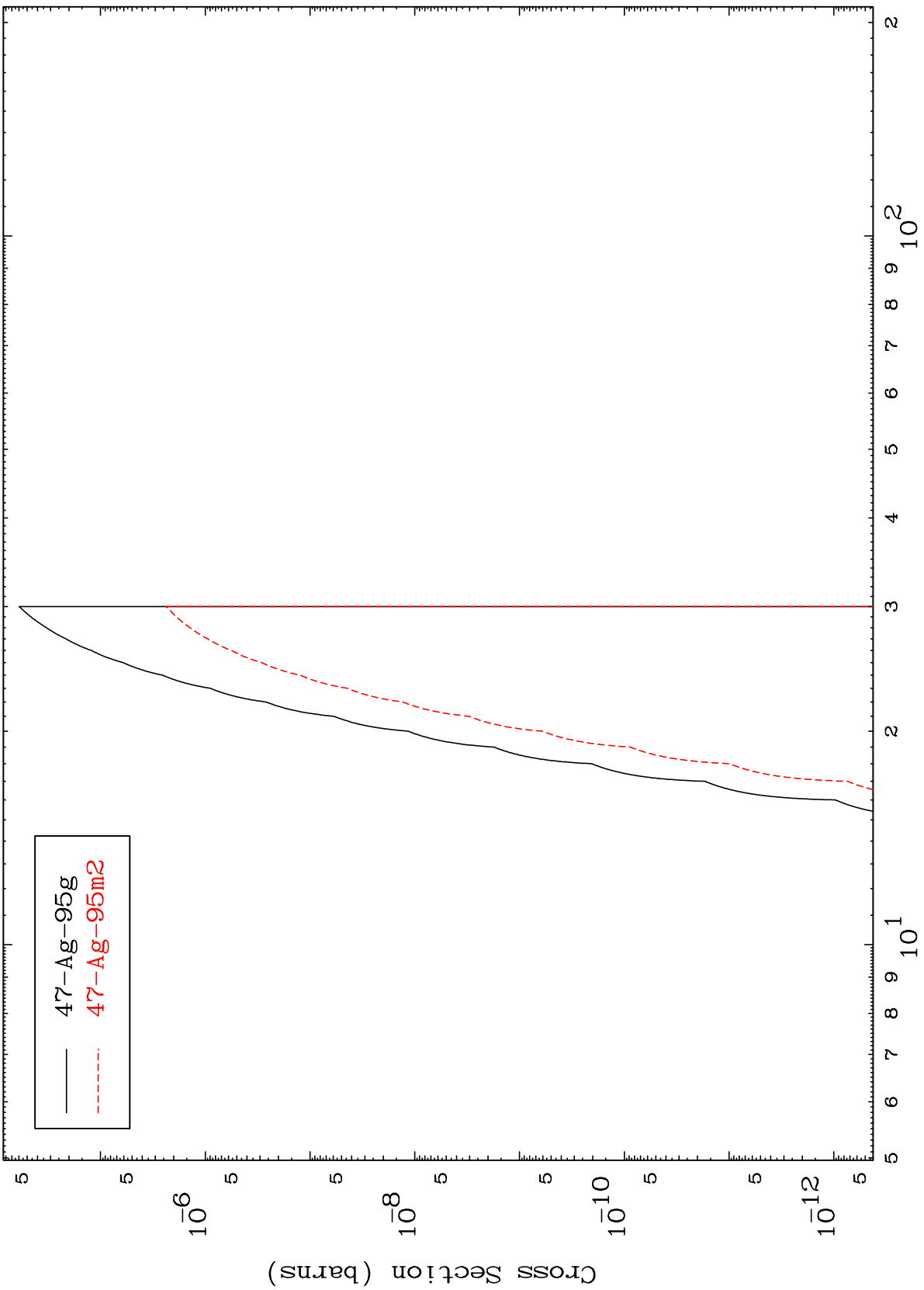
50-Sn-100

MAT 4989

(n,d)  $\alpha$

50-Sn-100

Radionuclide Production Cross Section



— 47-Ag-95g  
- - - 47-Ag-95m2

26

Incident Energy (MeV)

50-Sn-100