

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

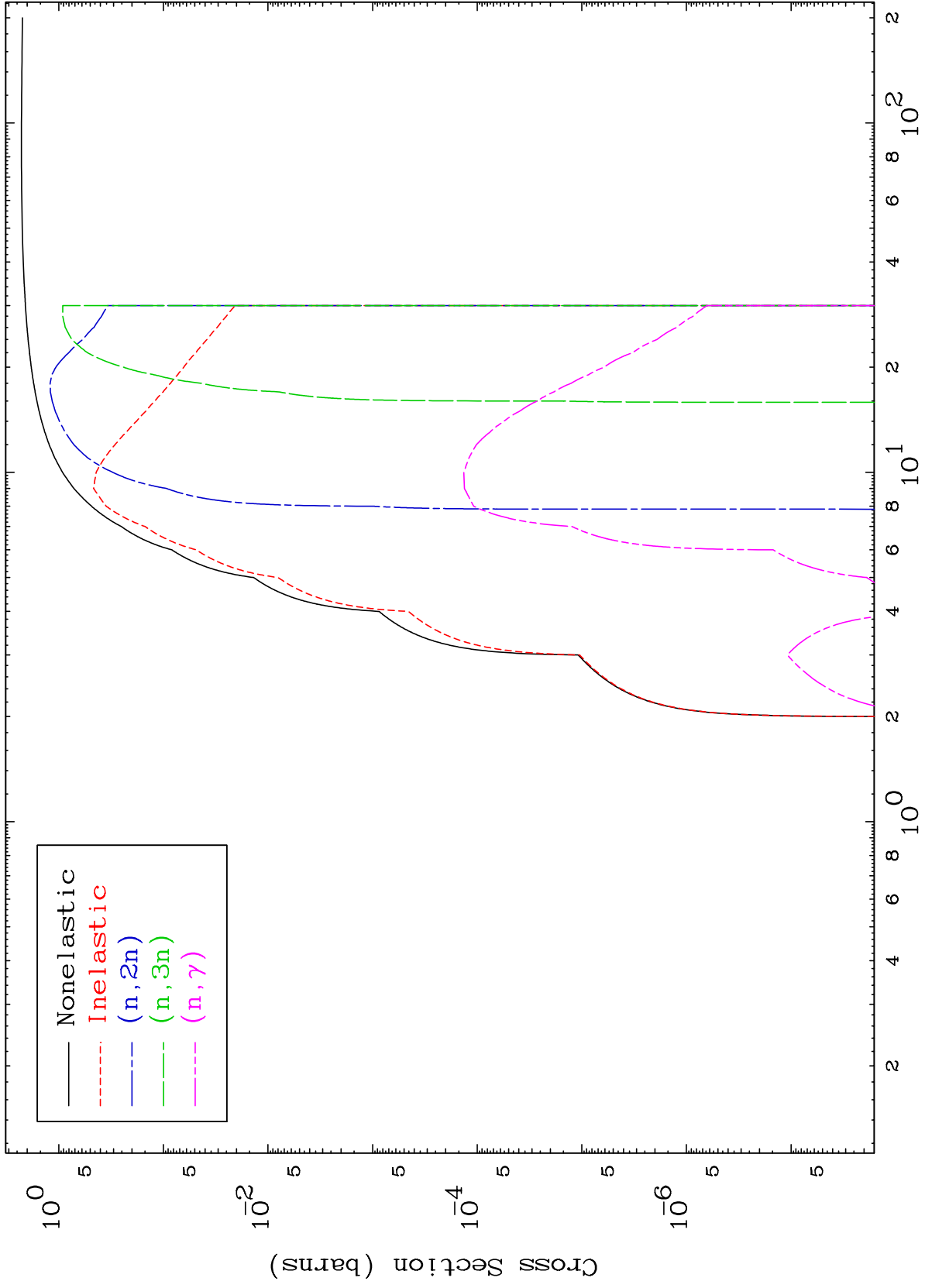
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

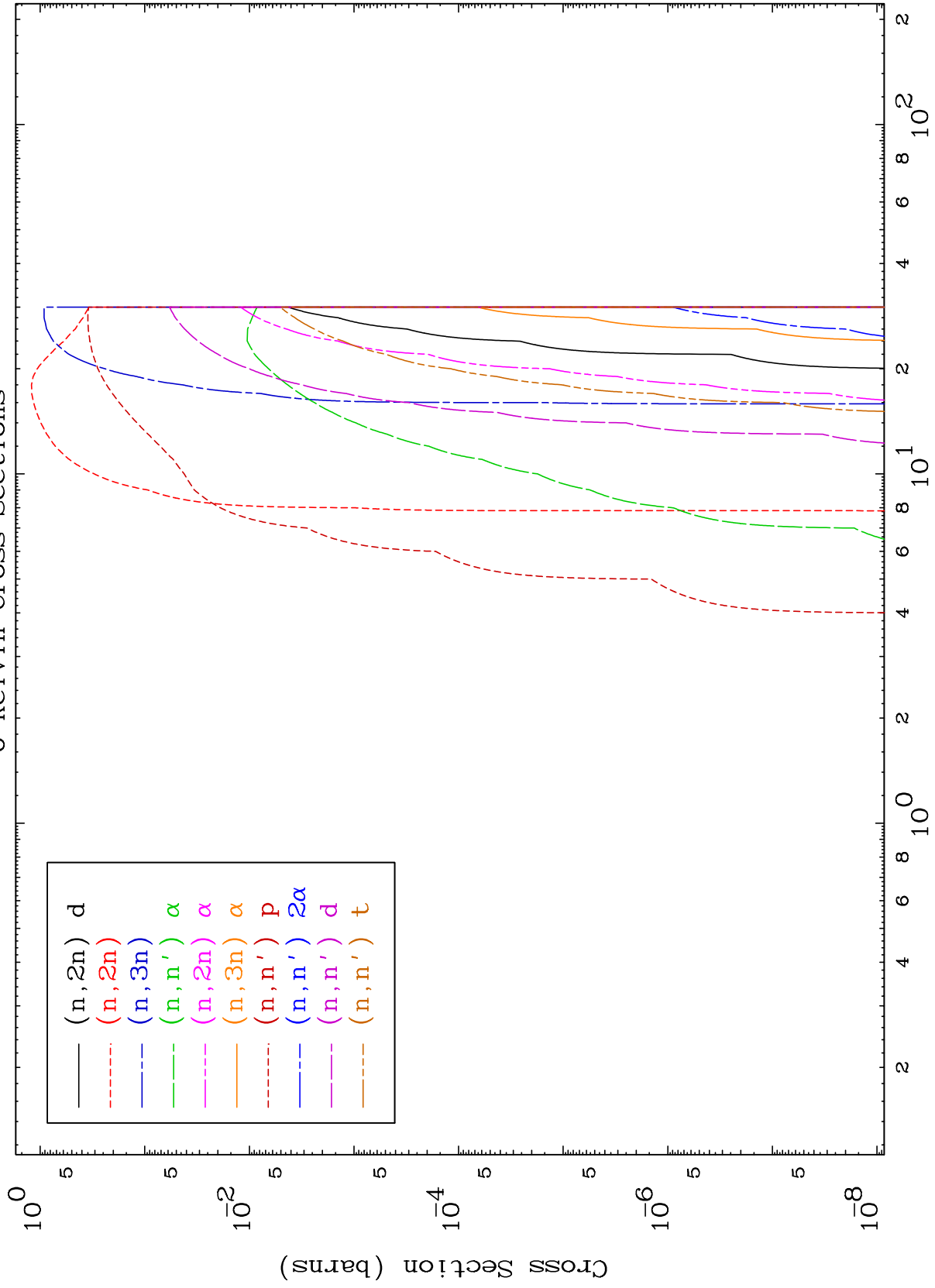
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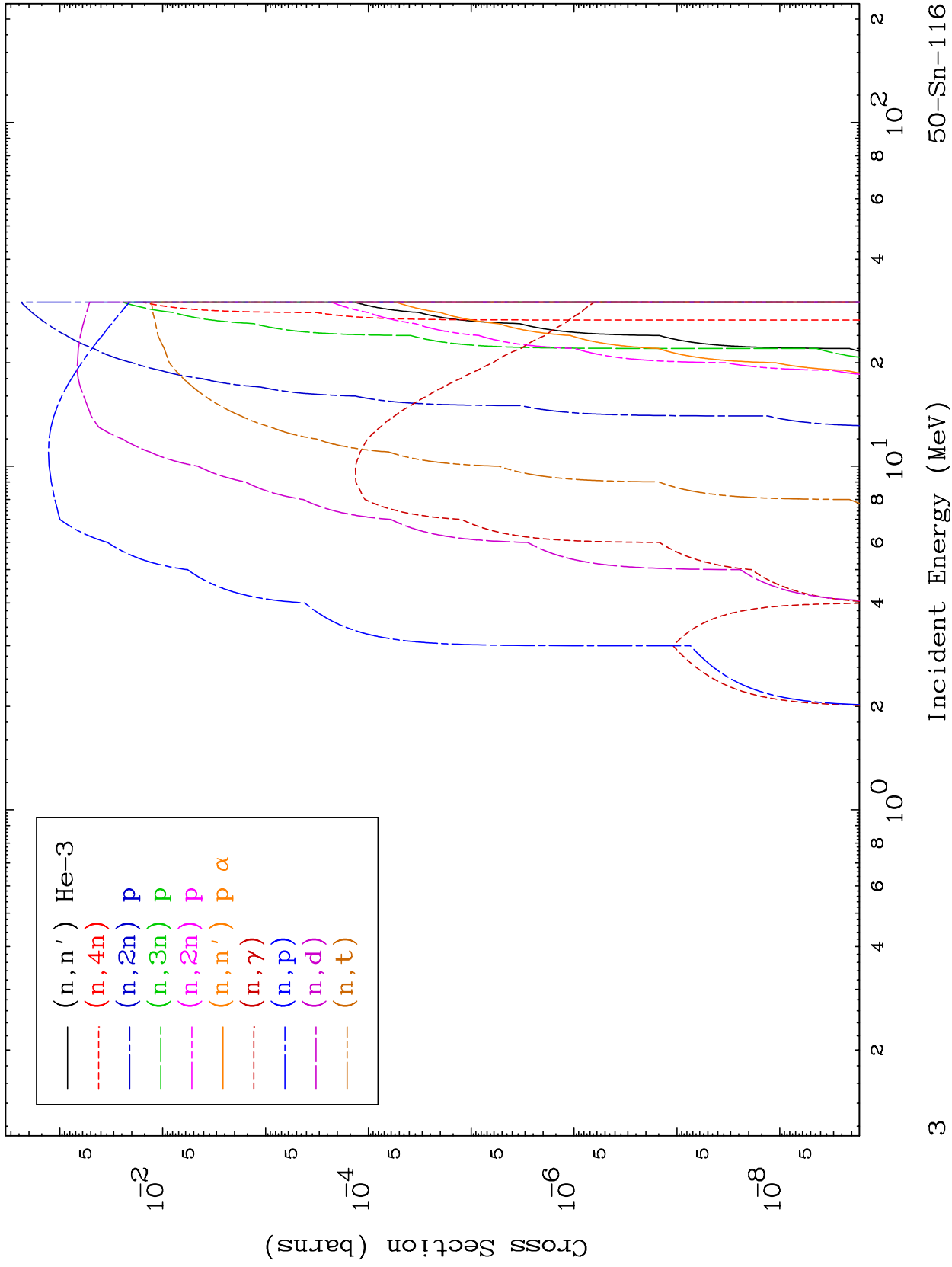
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



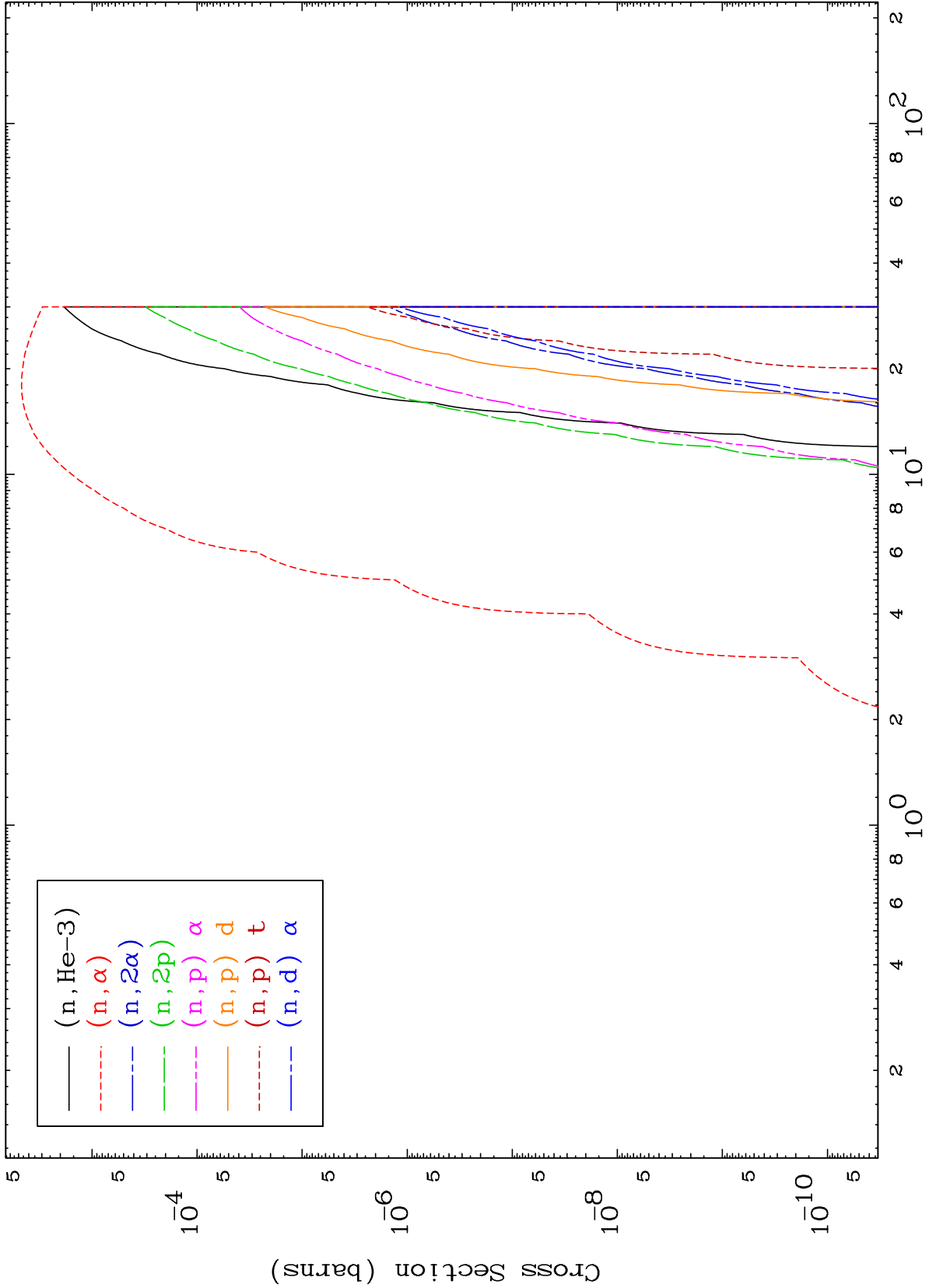


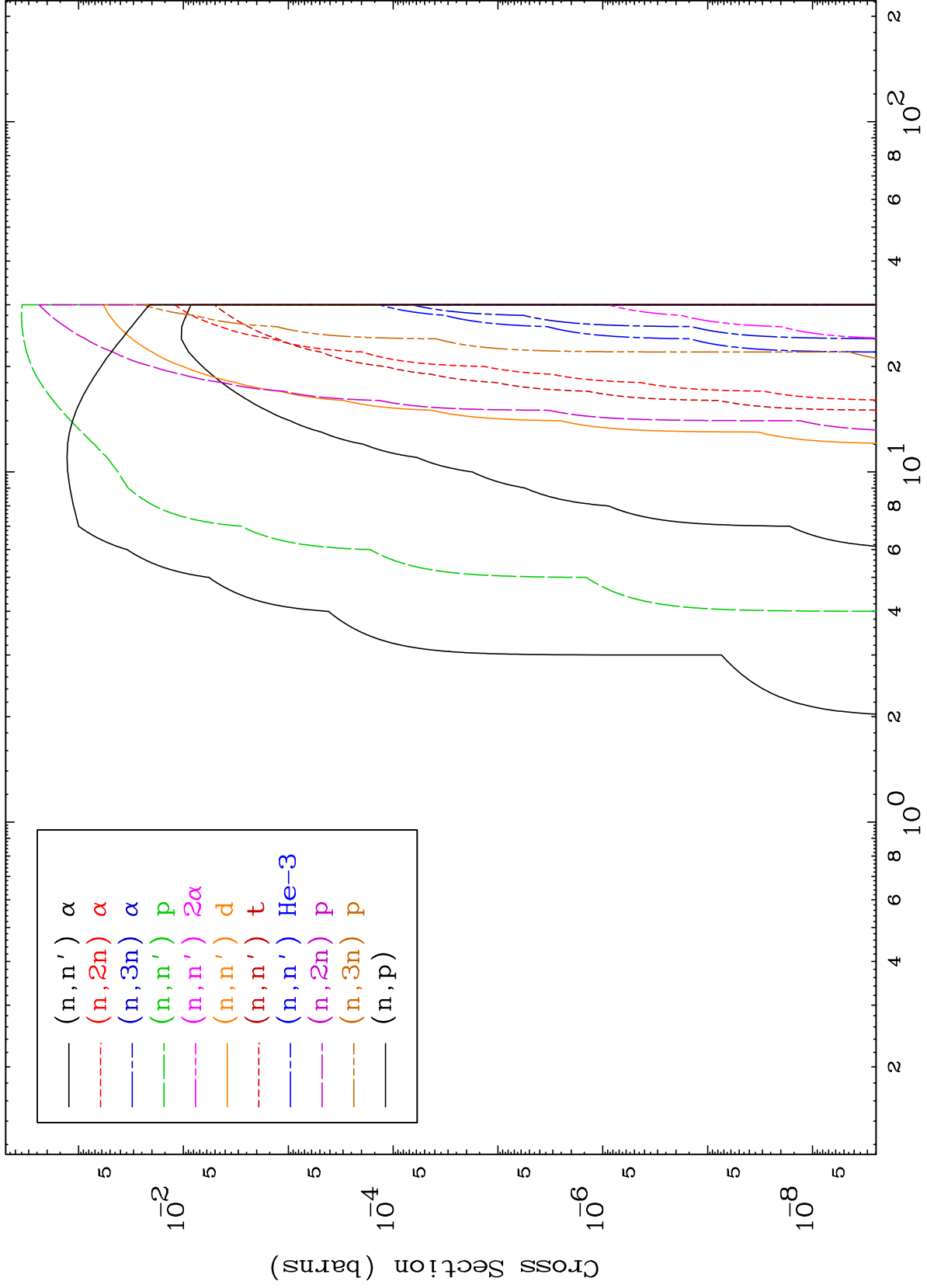


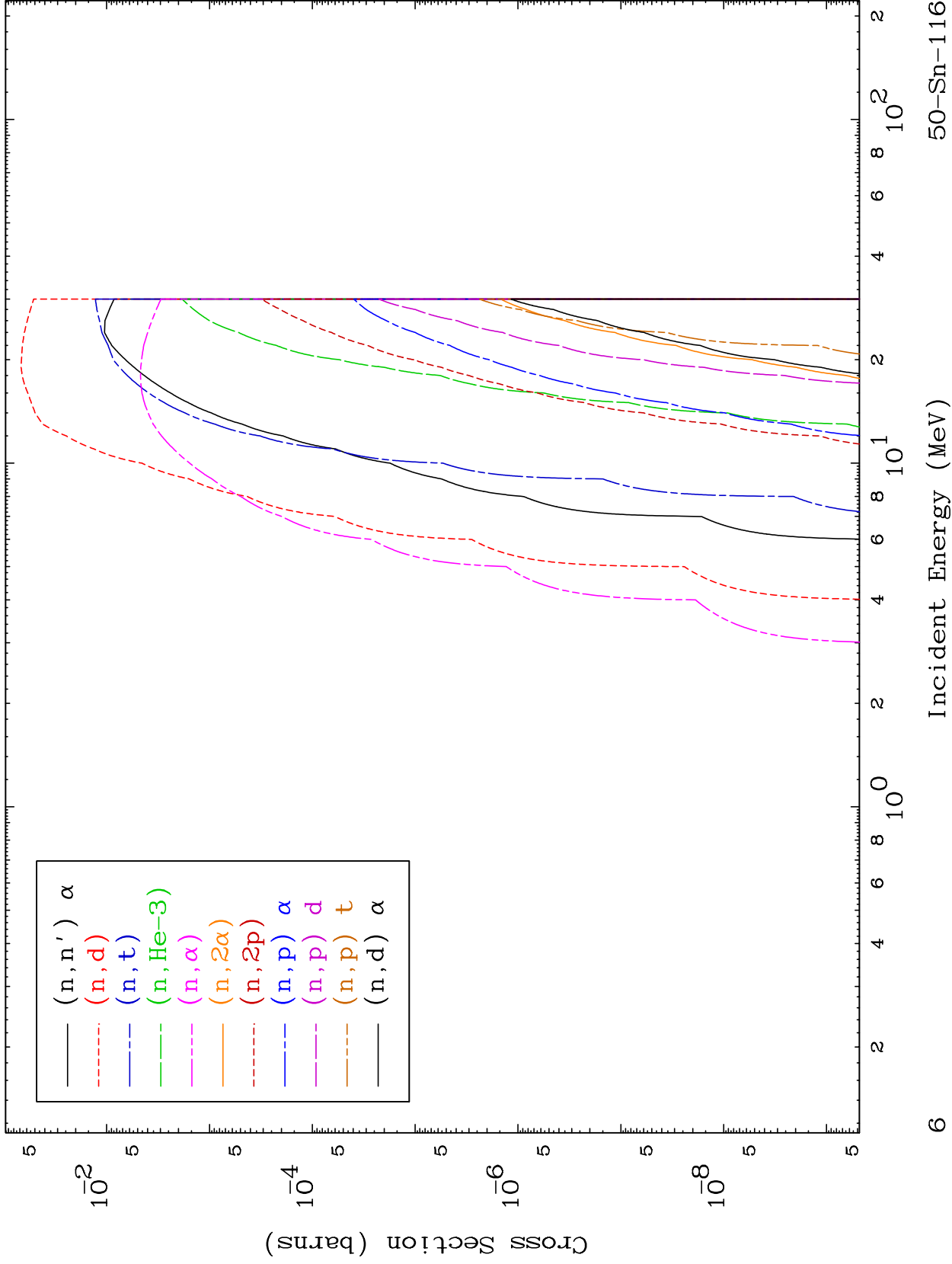
MAT 5037

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

50-Sn-116





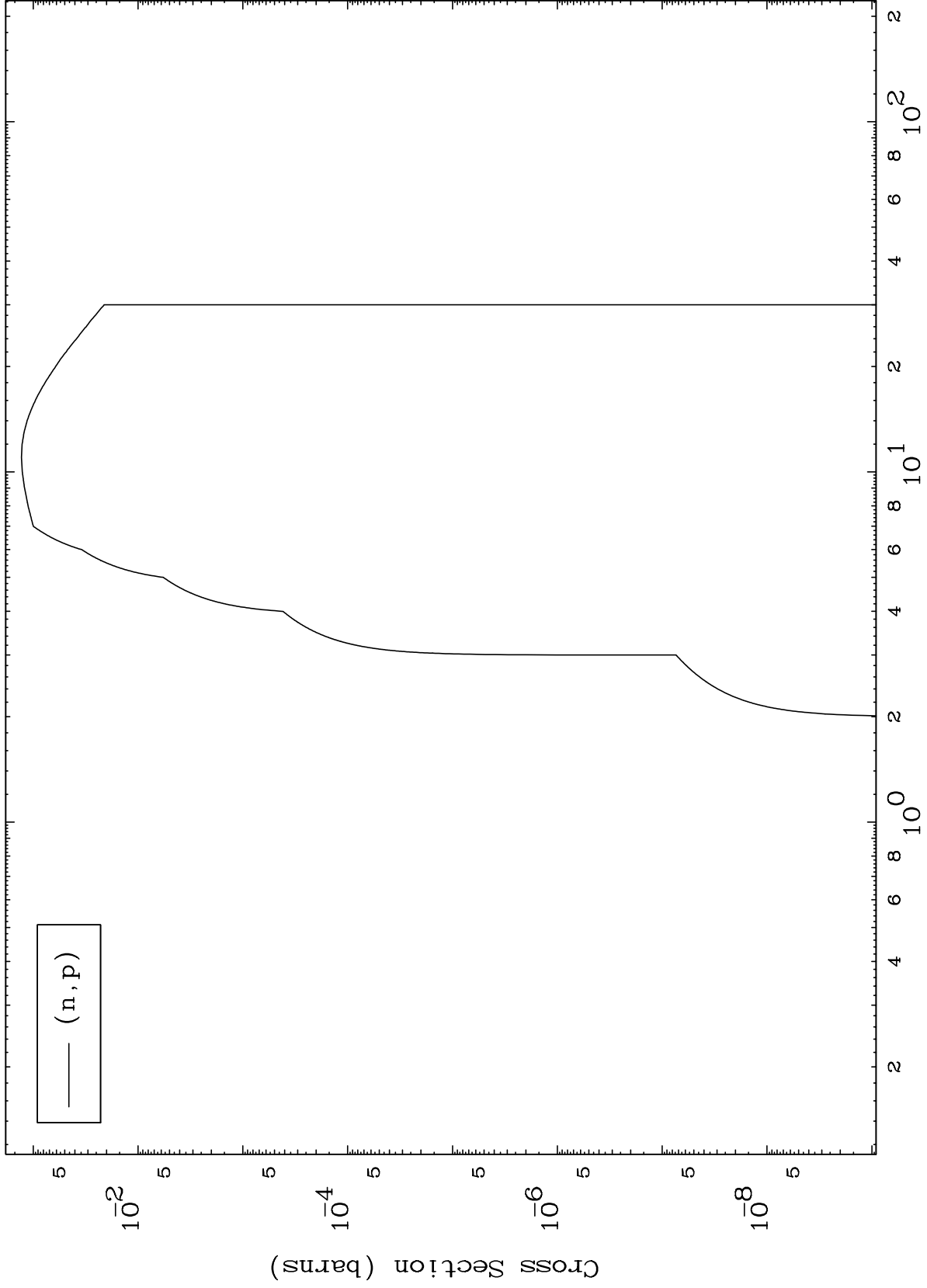


MAT 5037

(d,p) Levels

50-Sn-116

0 Kelvin Cross Sections

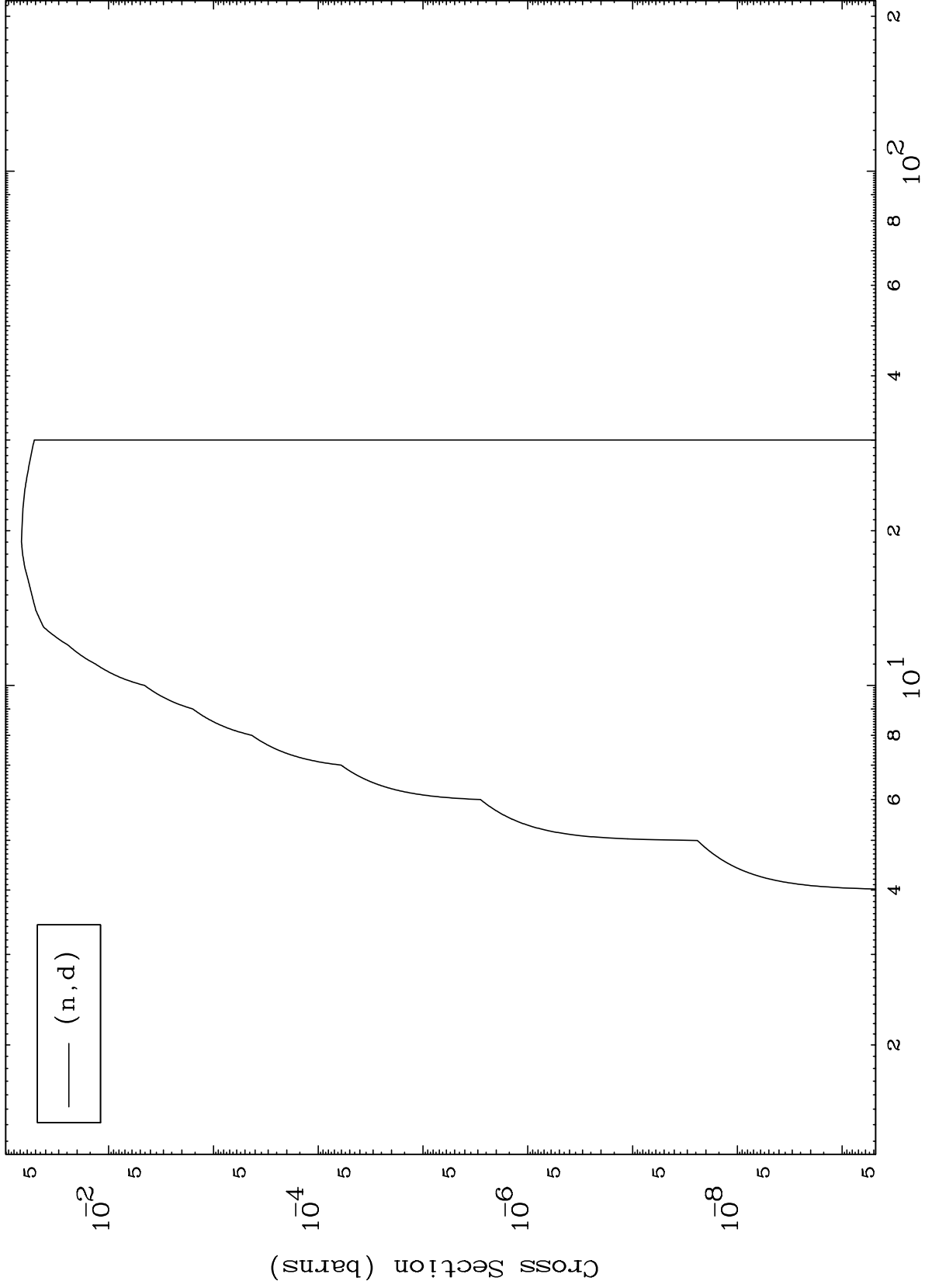




MAT 5037

(d,d) Levels  
0 Kelvin Cross Sections

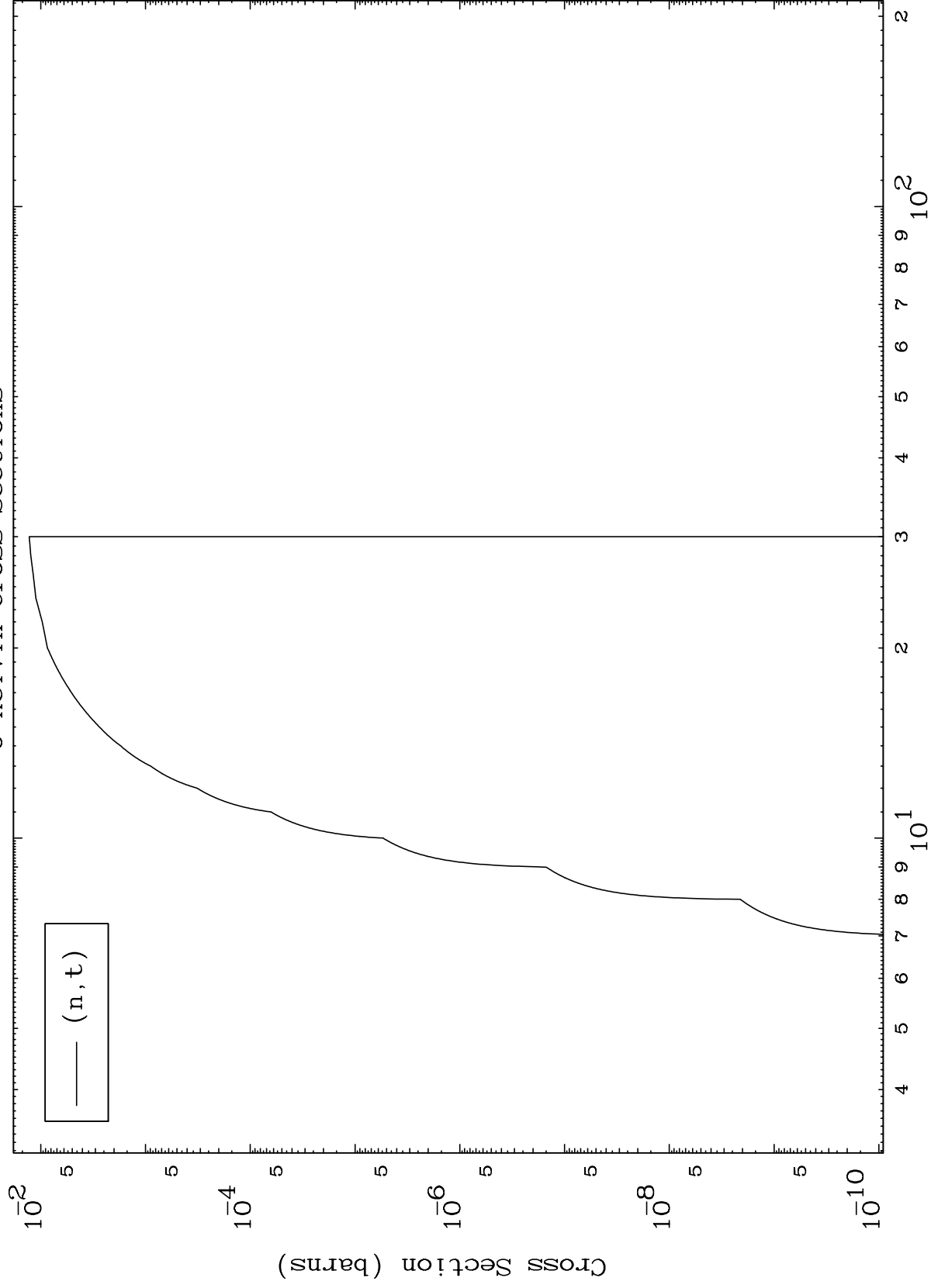
50-Sn-116



MAT 5037

(d,t) Levels  
0 Kelvin Cross Sections

50-Sn-116



9

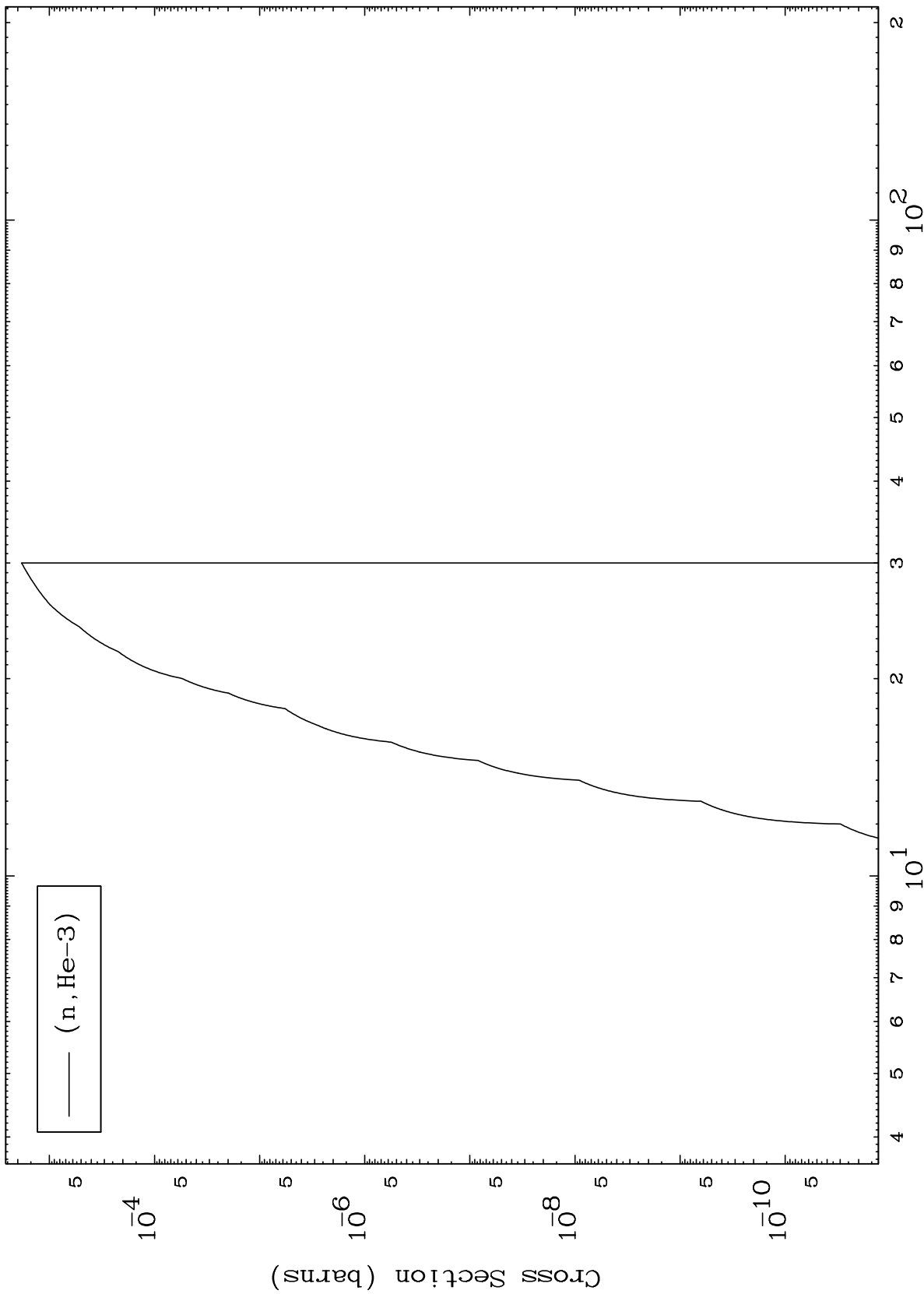
Incident Energy (MeV)

50-Sn-116

MAT 5037

50-Sn-116

(d,He3) Levels  
0 Kelvin Cross Sections



50-Sn-116

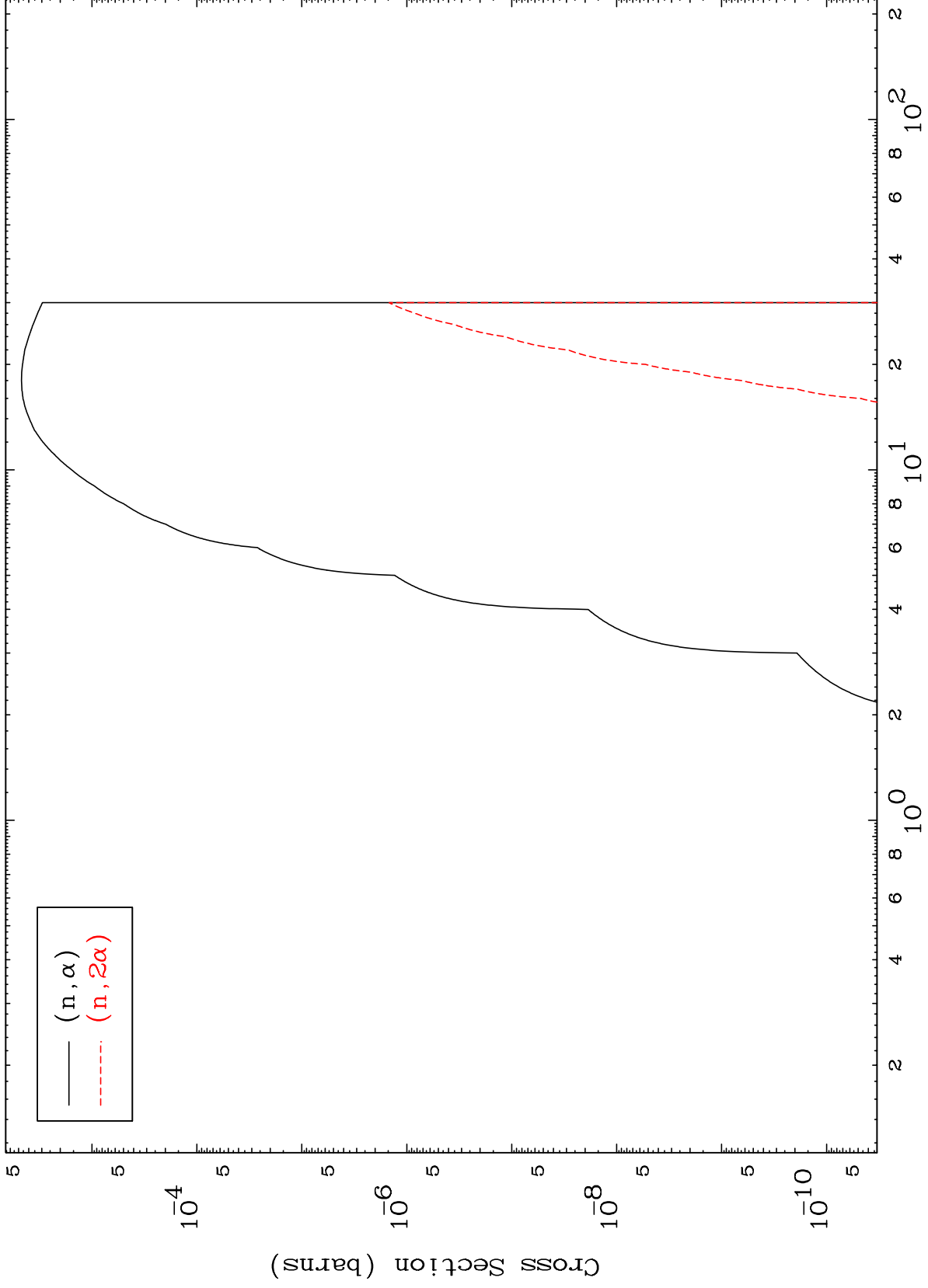
Incident Energy (MeV)

10

MAT 5037

(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

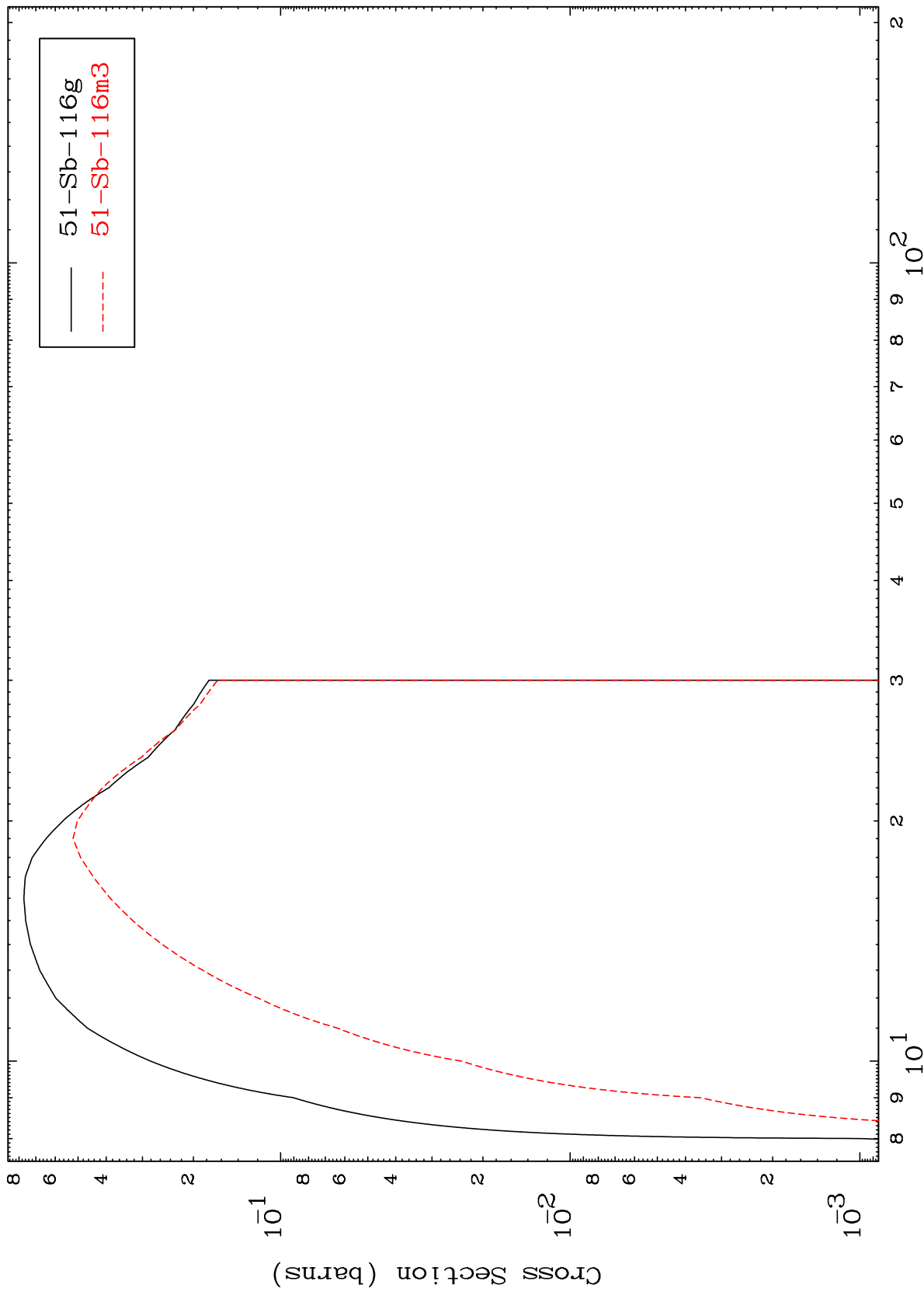
50-Sn-116



MAT 5037

50-Sn-116

(n,2n)  
Radionuclide Production Cross Section



50-Sn-116

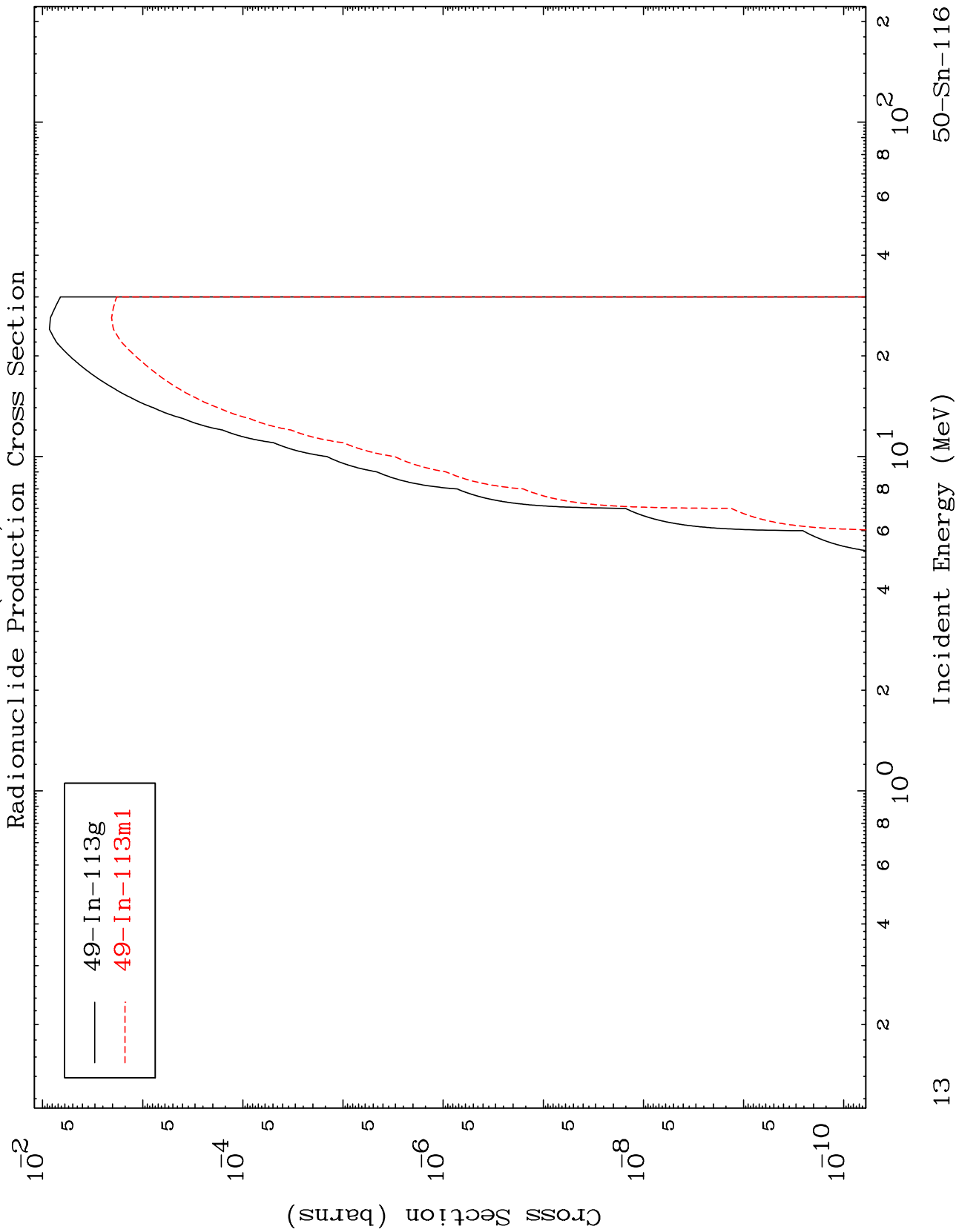
Incident Energy (MeV)

12

MAT 5037

$(n, n') \alpha$

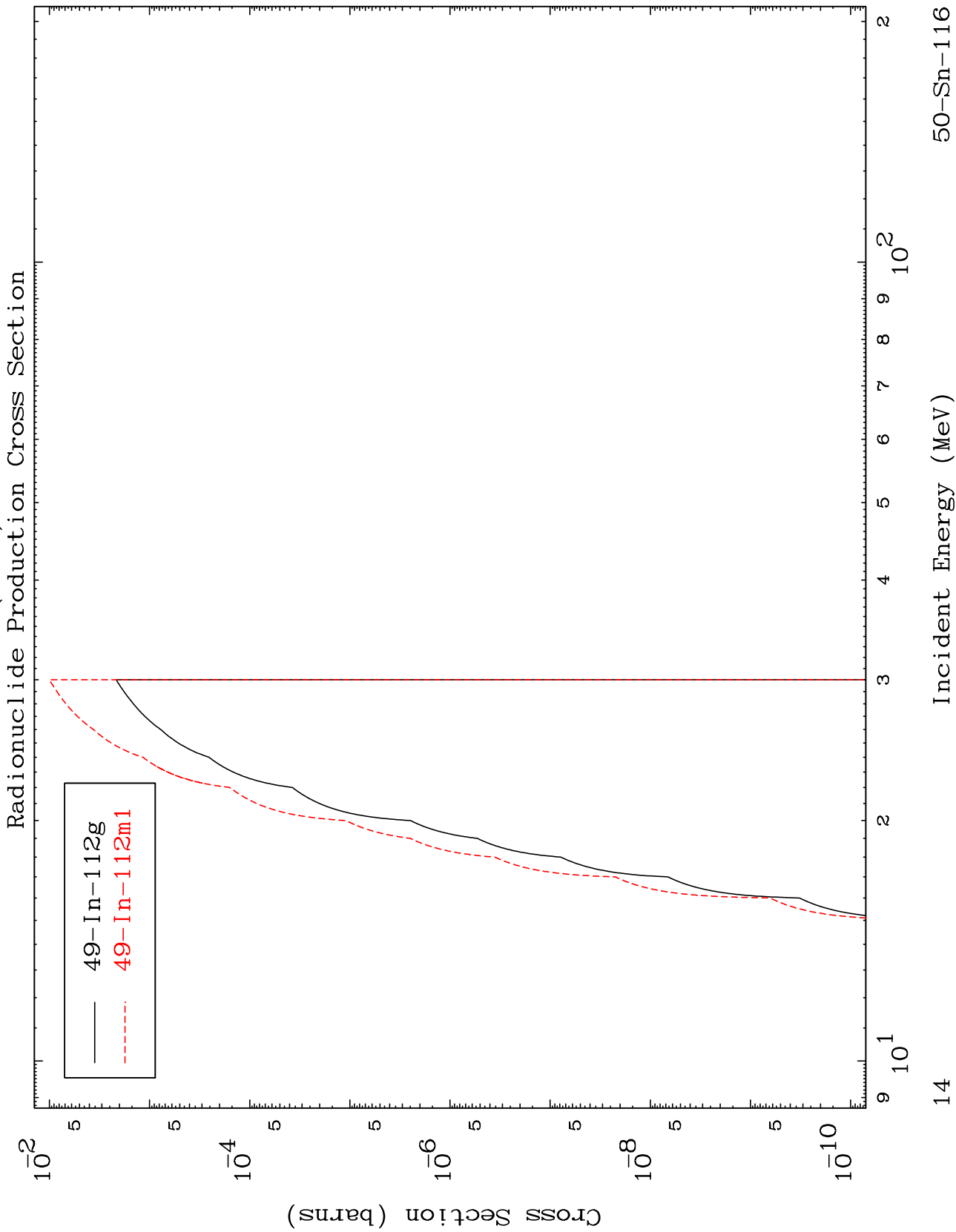
50-Sn-116



MAT 5037

(n,2n)  $\alpha$

50-Sn-116

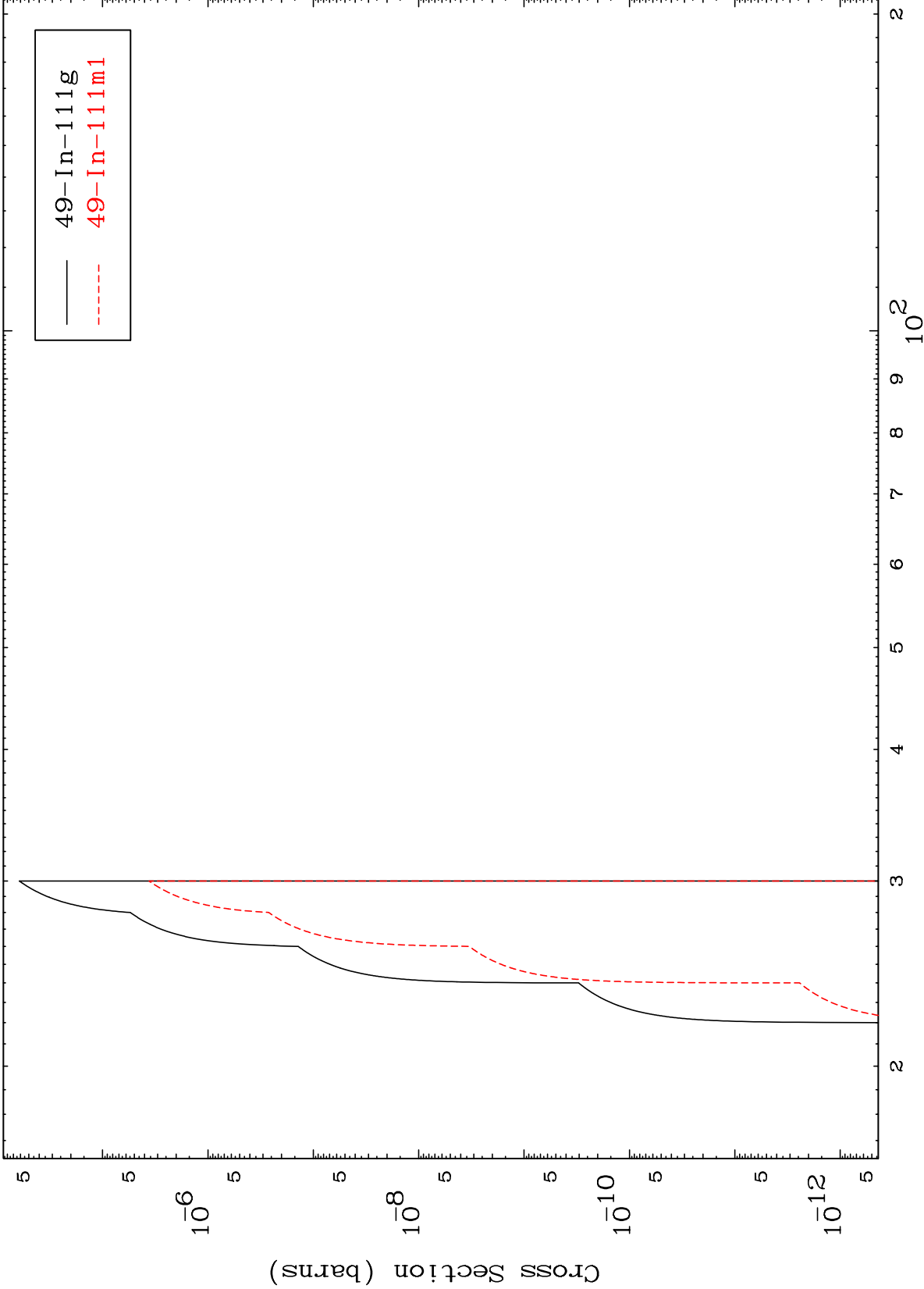


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(n,3n)  $\alpha$

50-Sn-116

Radionuclide Production Cross Section



15

Incident Energy (MeV)

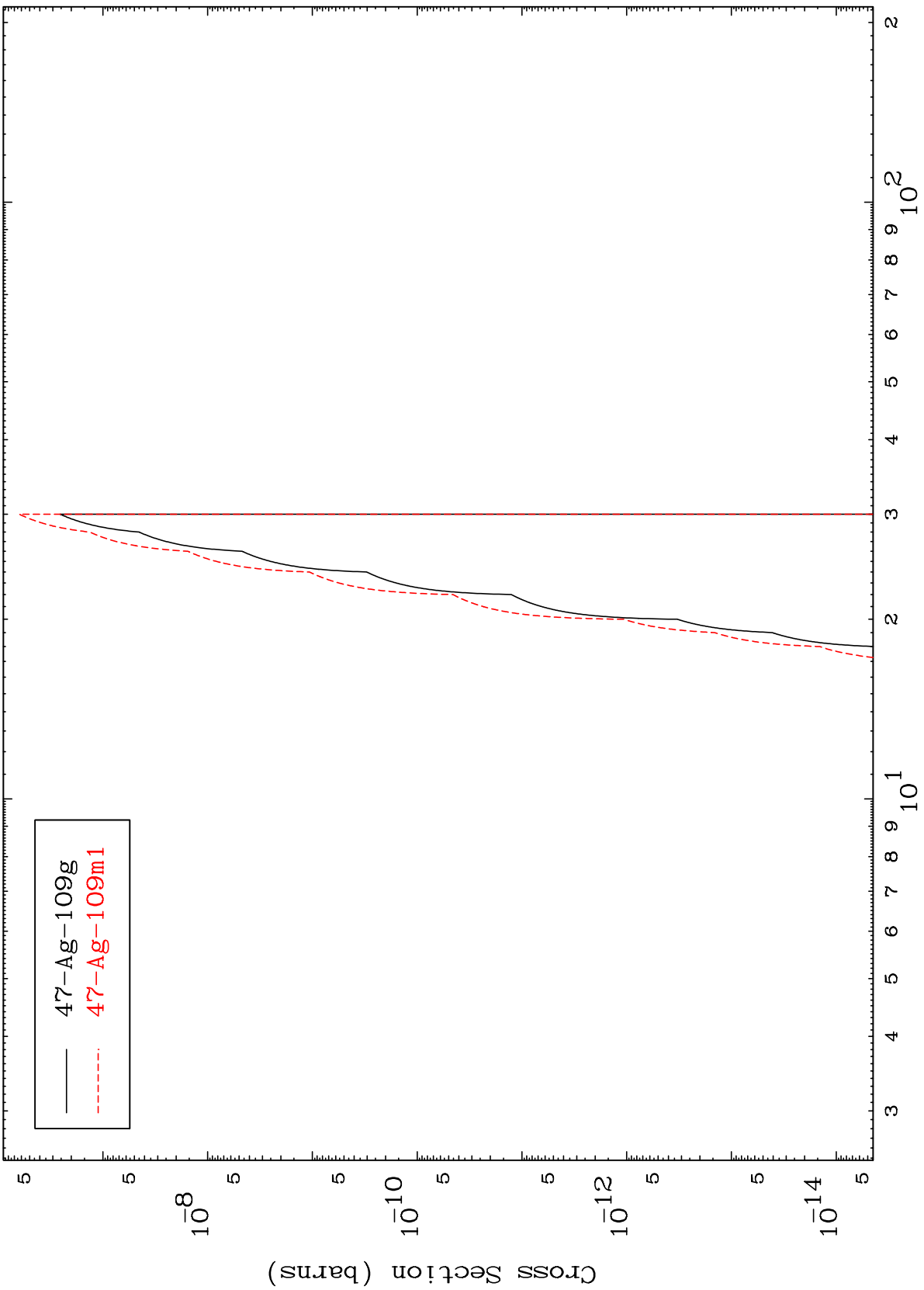
50-Sn-116



MAT 5037

50-Sn-116

(n,n') 2α  
Radionuclide Production Cross Section



— 47-Ag-109g  
- - - 47-Ag-109m1

50-Sn-116

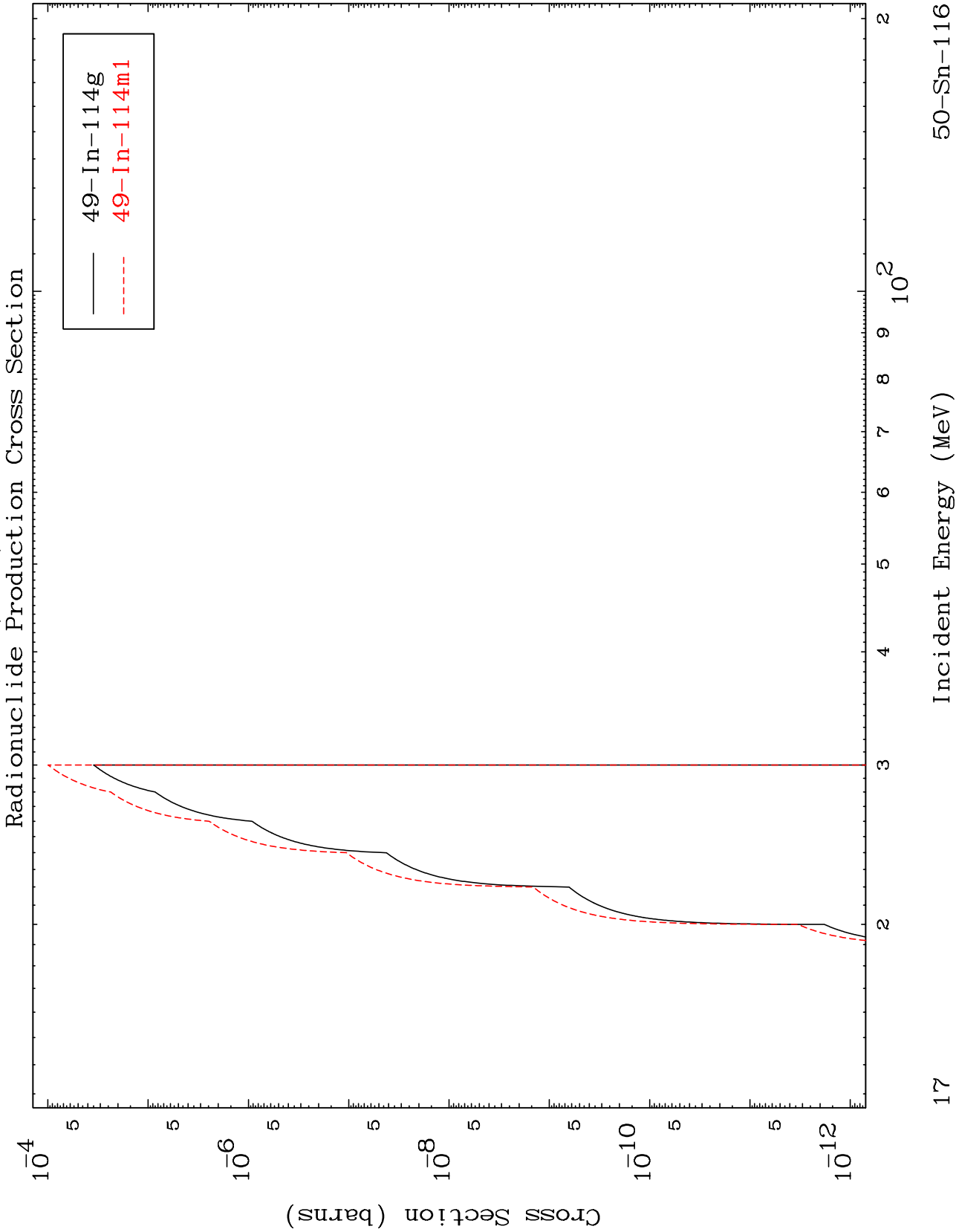
Incident Energy (MeV)

16

MAT 5037

(n,n') He-3

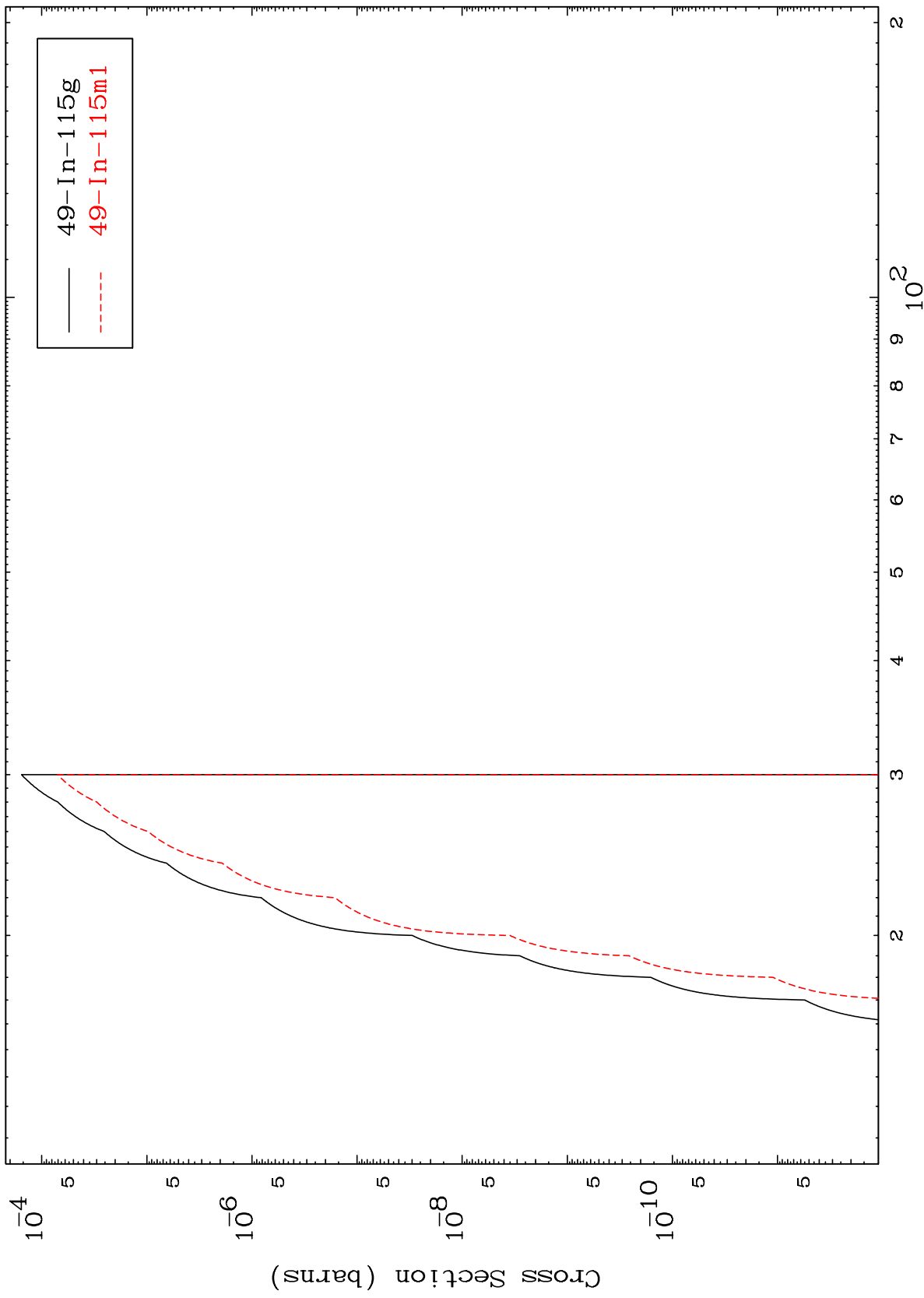
50-Sn-116



MAT 5037

50-Sn-116

(n,2n) p  
Radionuclide Production Cross Section



18

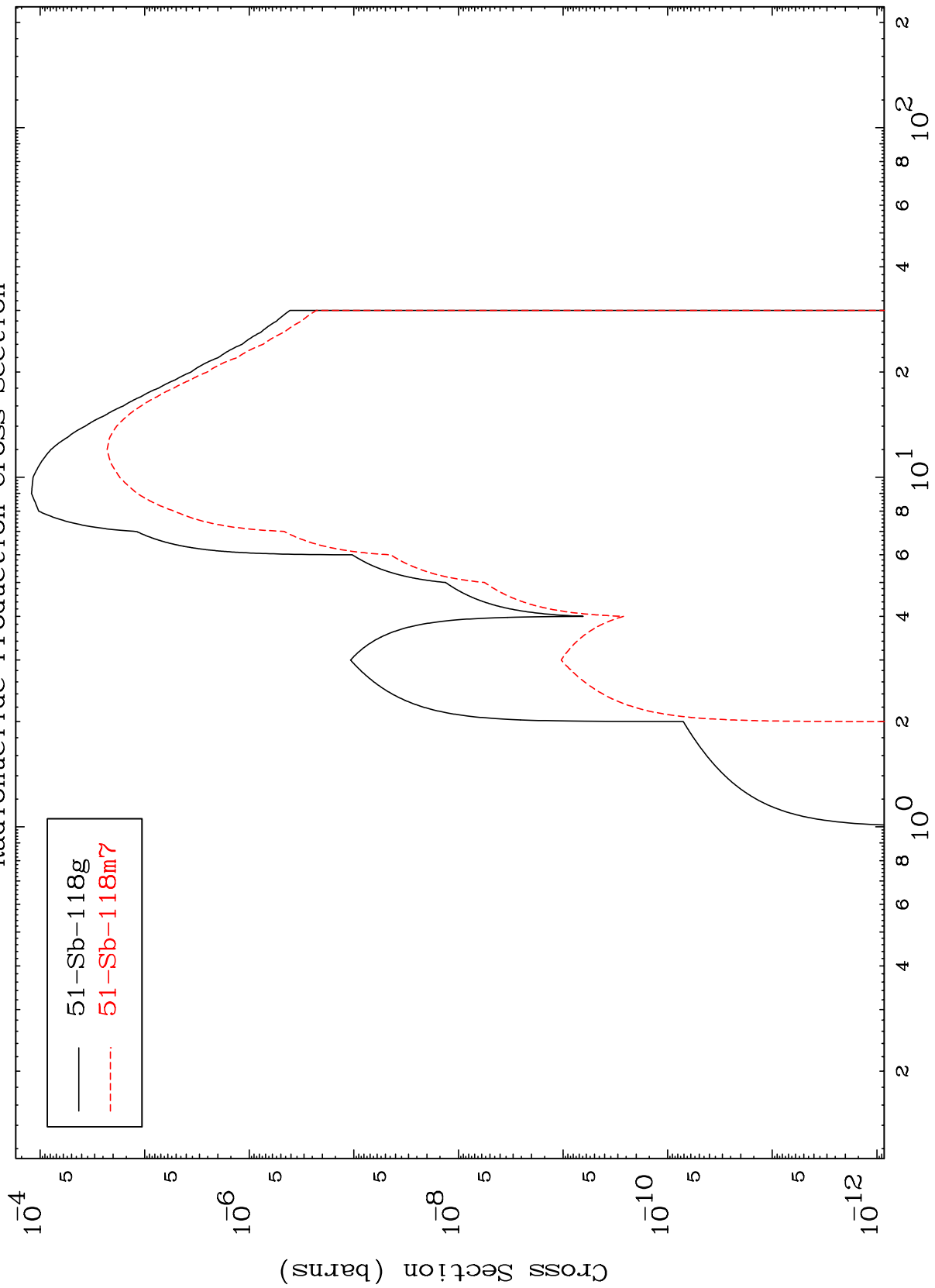
Incident Energy (MeV)

50-Sn-116

MAT 5037

50-Sn-116

(n,  $\gamma$ )  
Radionuclide Production Cross Section



51-Sb-118g  
51-Sb-118m7

50-Sn-116

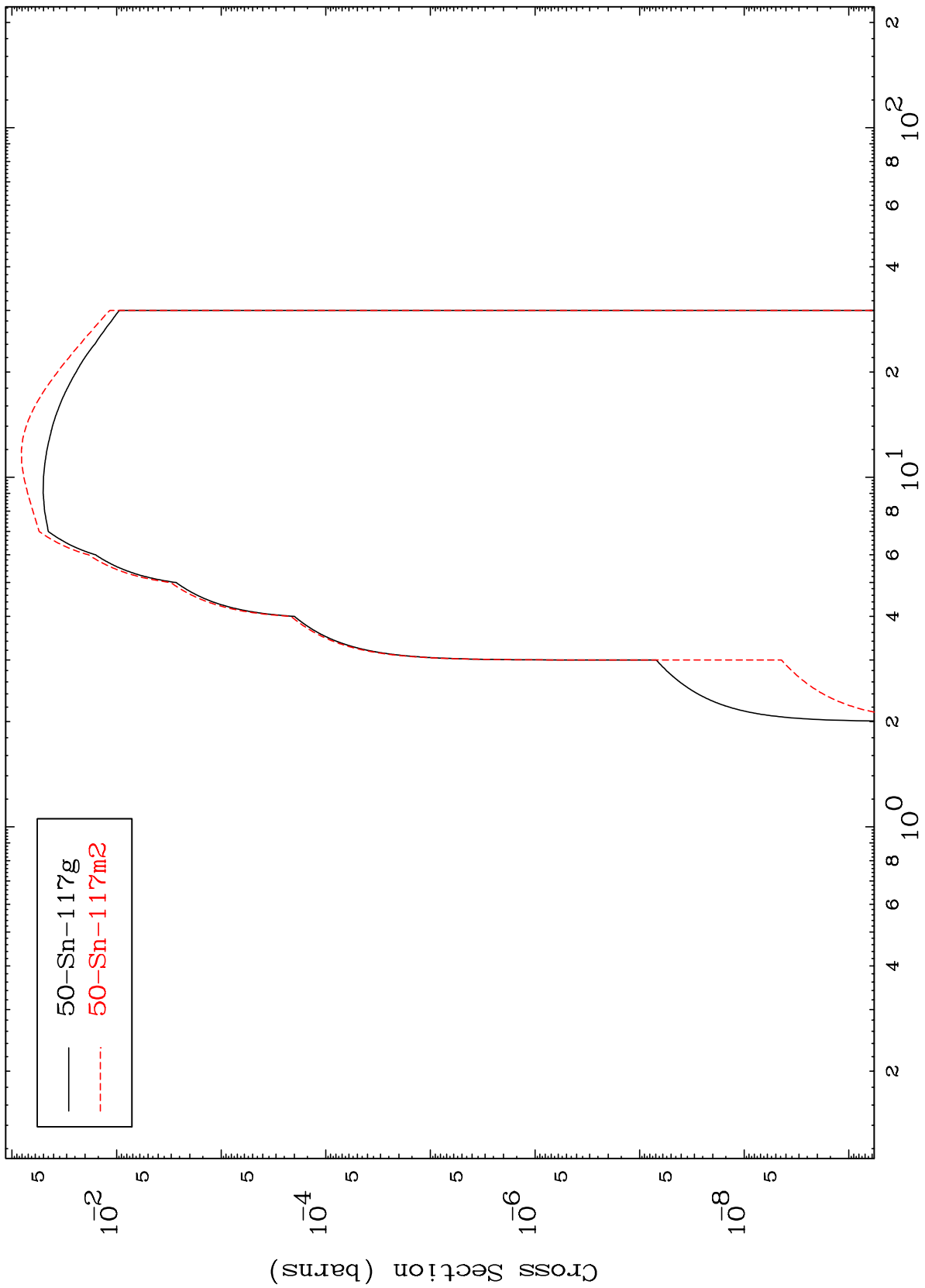
Incident Energy (MeV)

19

MAT 5037

50-Sn-116

(n,p)  
Radionuclide Production Cross Section



50-Sn-116

Incident Energy (MeV)

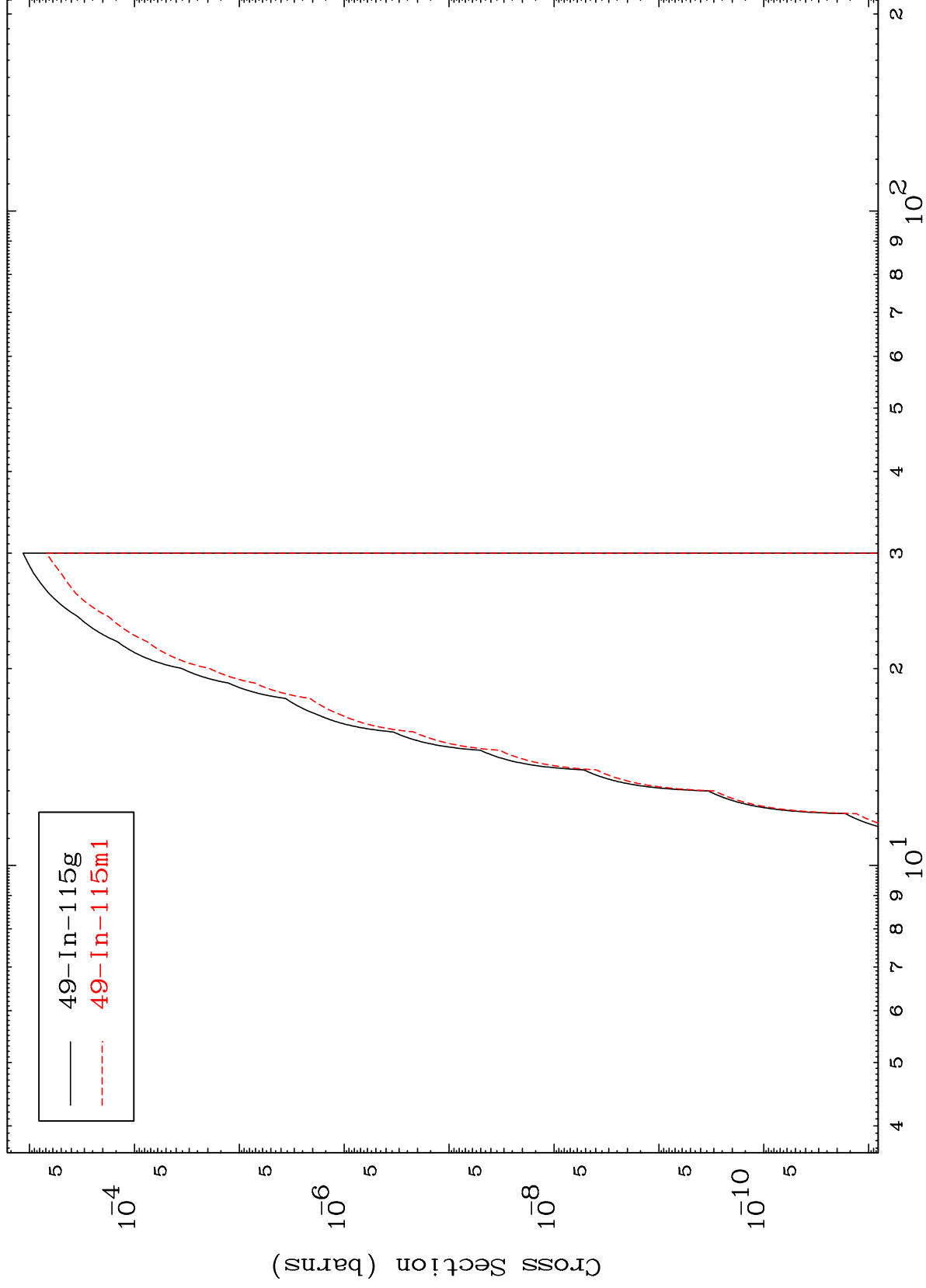
20

MAT 5037

(n,He-3)

50-Sn-116

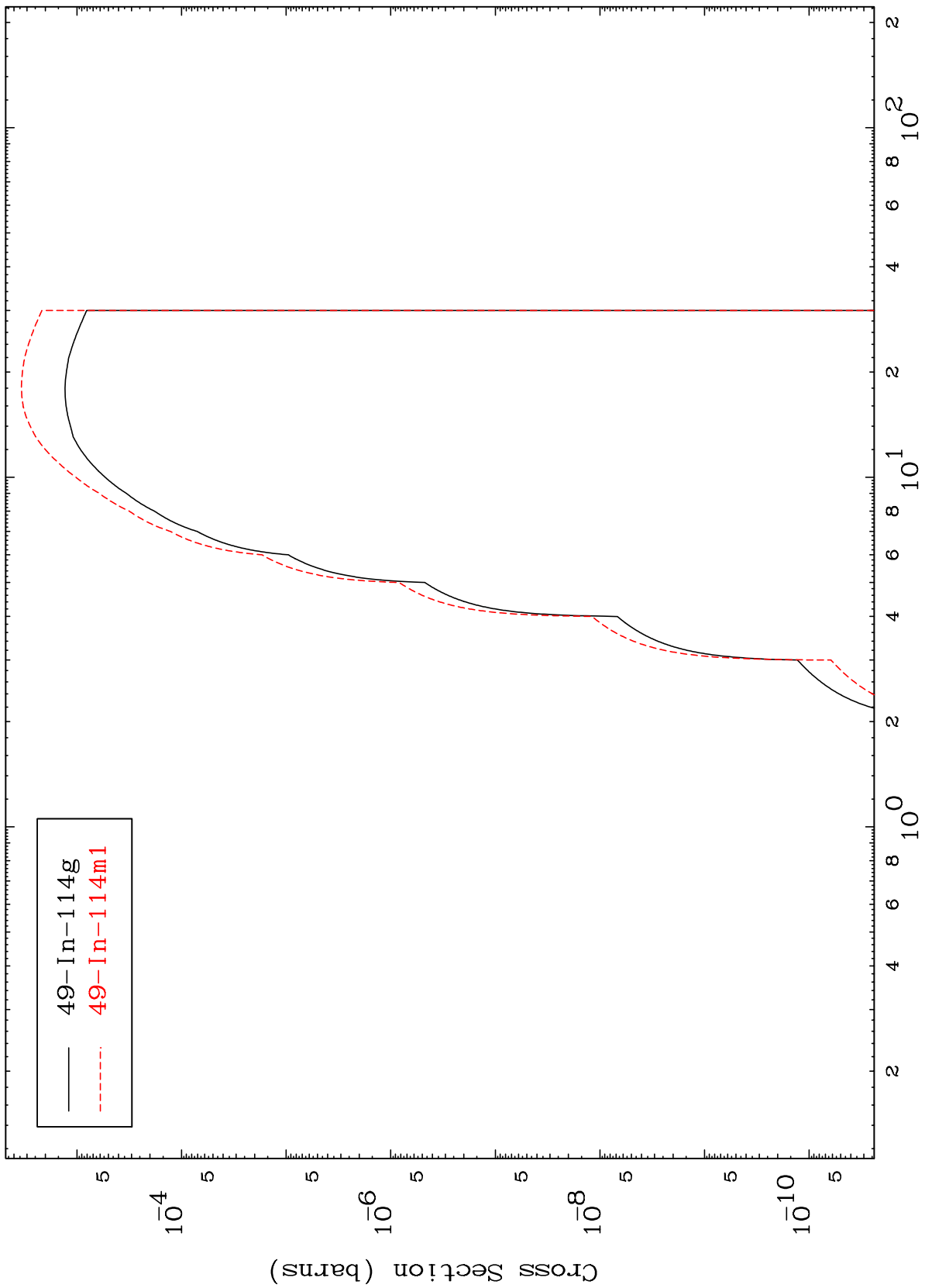
Radionuclide Production Cross Section



MAT 5037

50-Sn-116

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



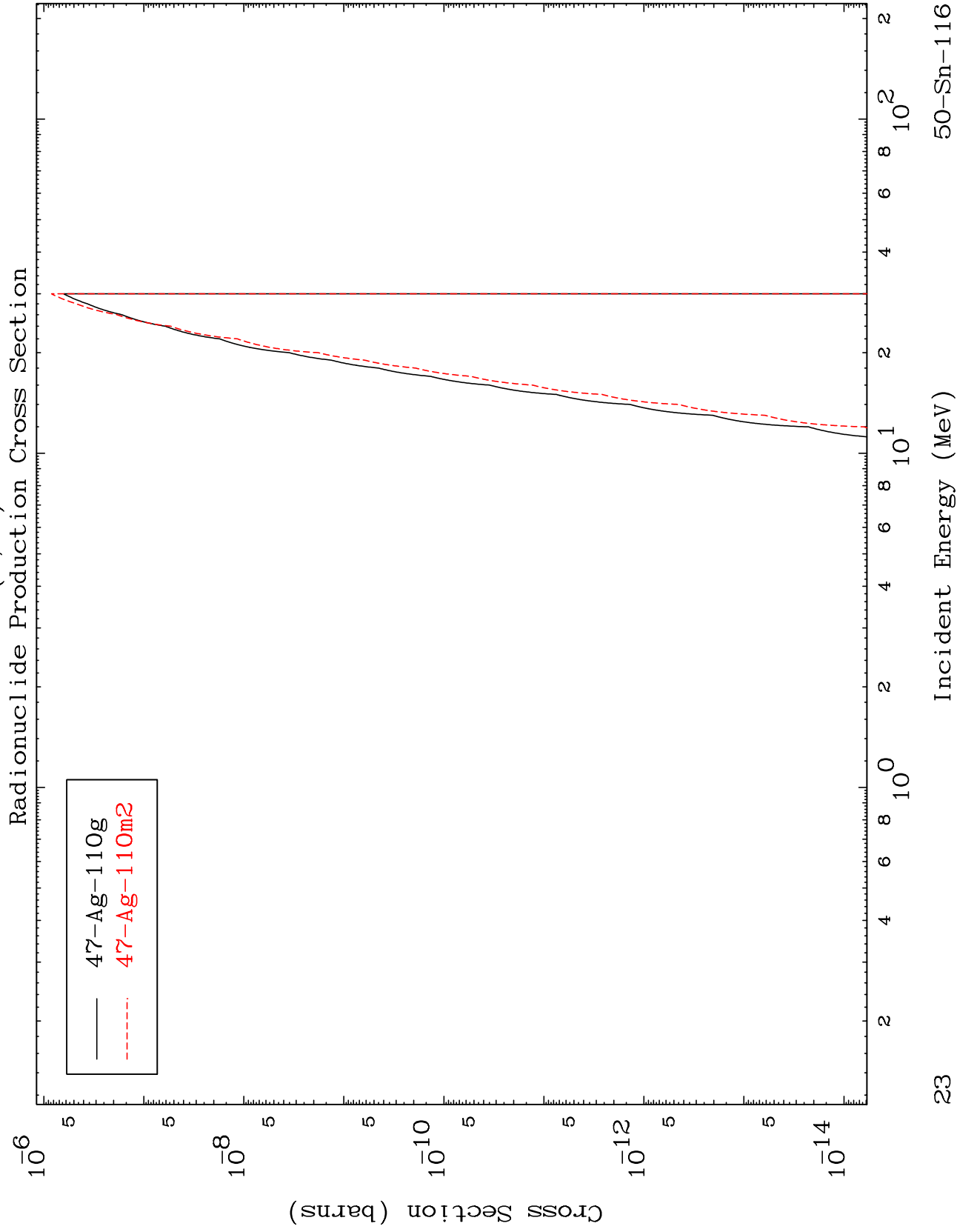
50-Sn-116

Incident Energy (MeV)

MAT 5037

(n,2α)

50-Sn-116

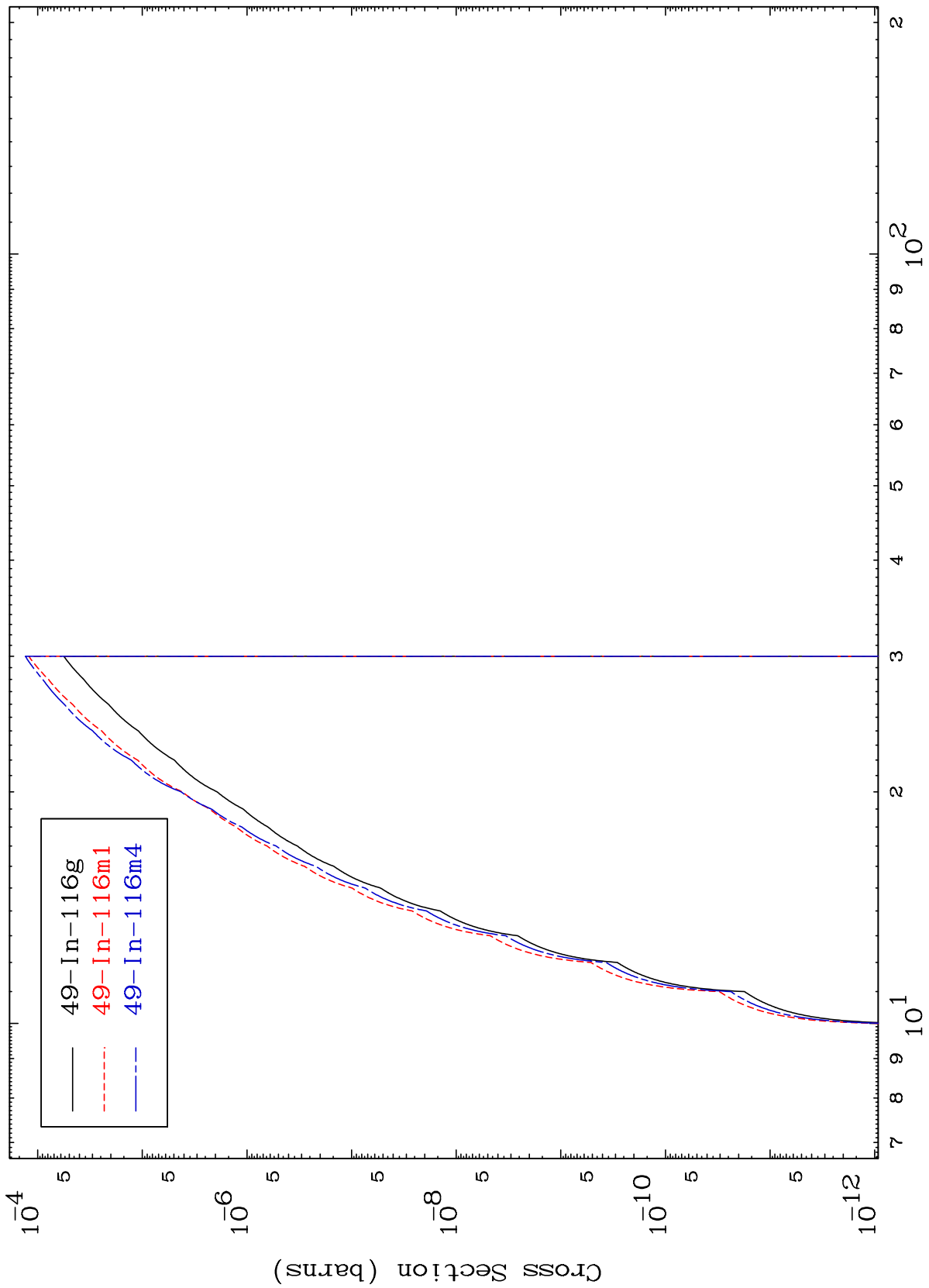




MAT 5037

50-Sn-116

Radionuclide Production Cross Section  
(n,2p)



50-Sn-116

Incident Energy (MeV)

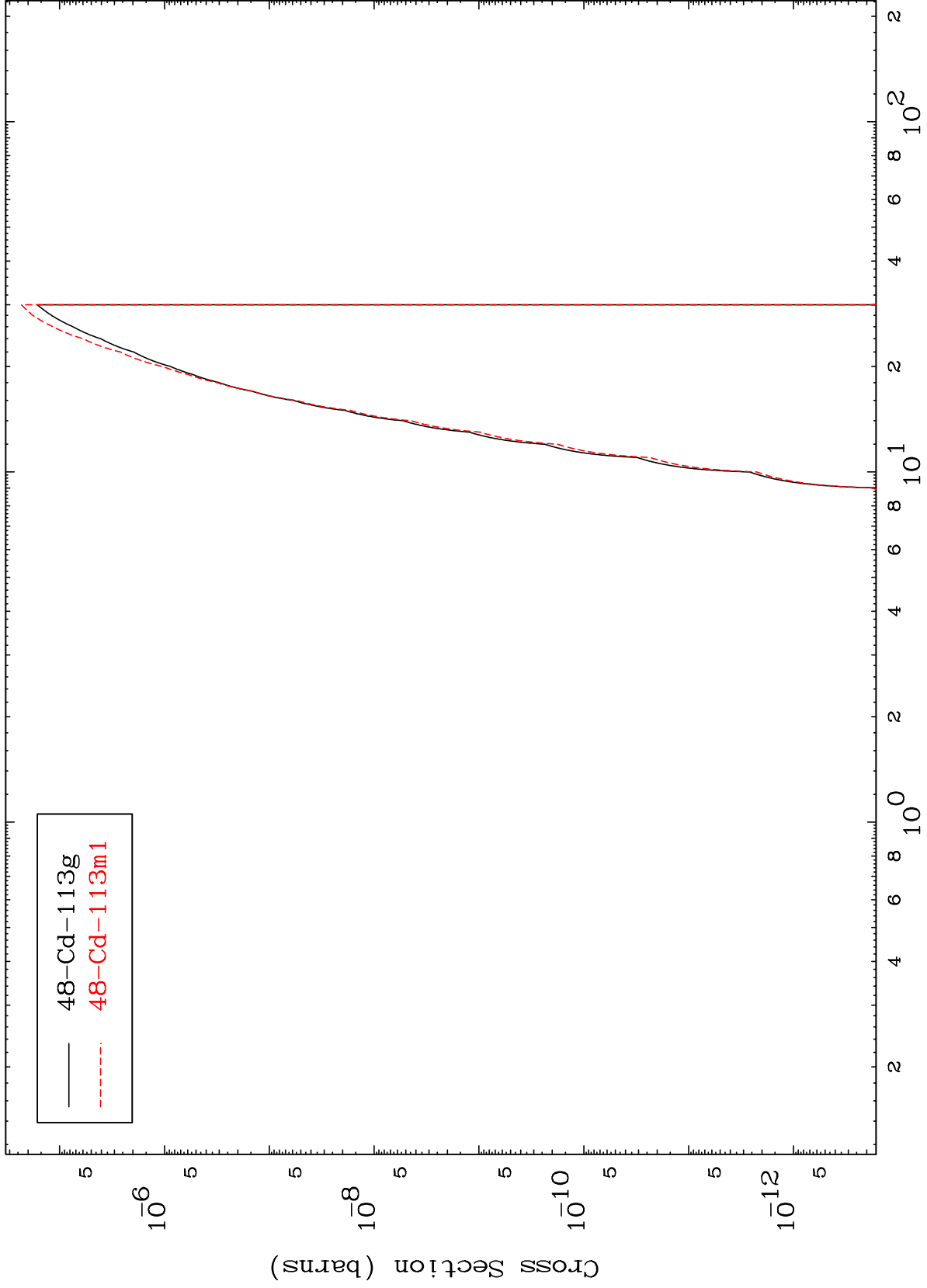
24

MAT 5037

(n,p)  $\alpha$

50-Sn-116

Radionuclide Production Cross Section

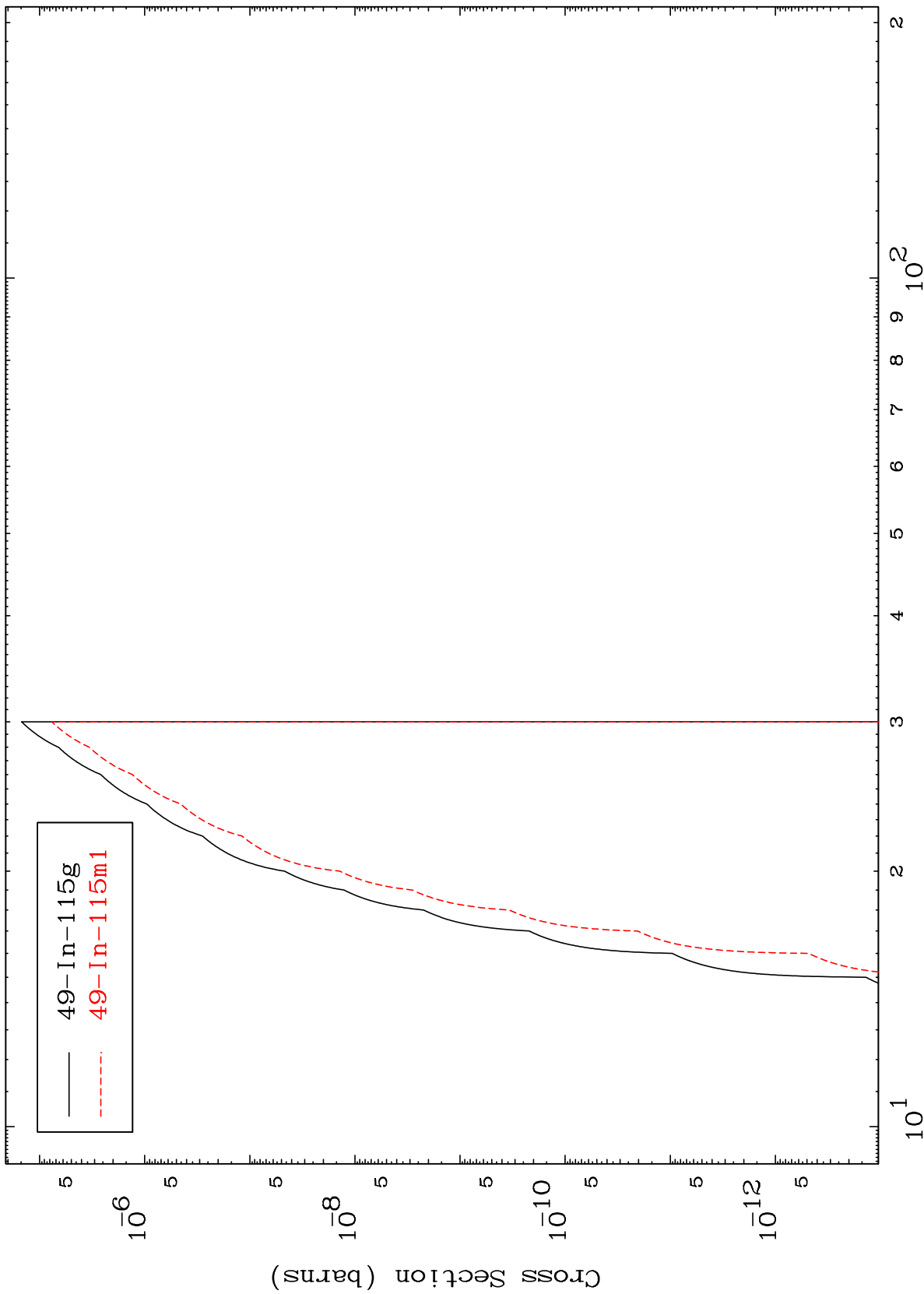


MAT 5037

(n,p) d

50-Sn-116

Radionuclide Production Cross Section



26

Incident Energy (MeV)

50-Sn-116

