

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

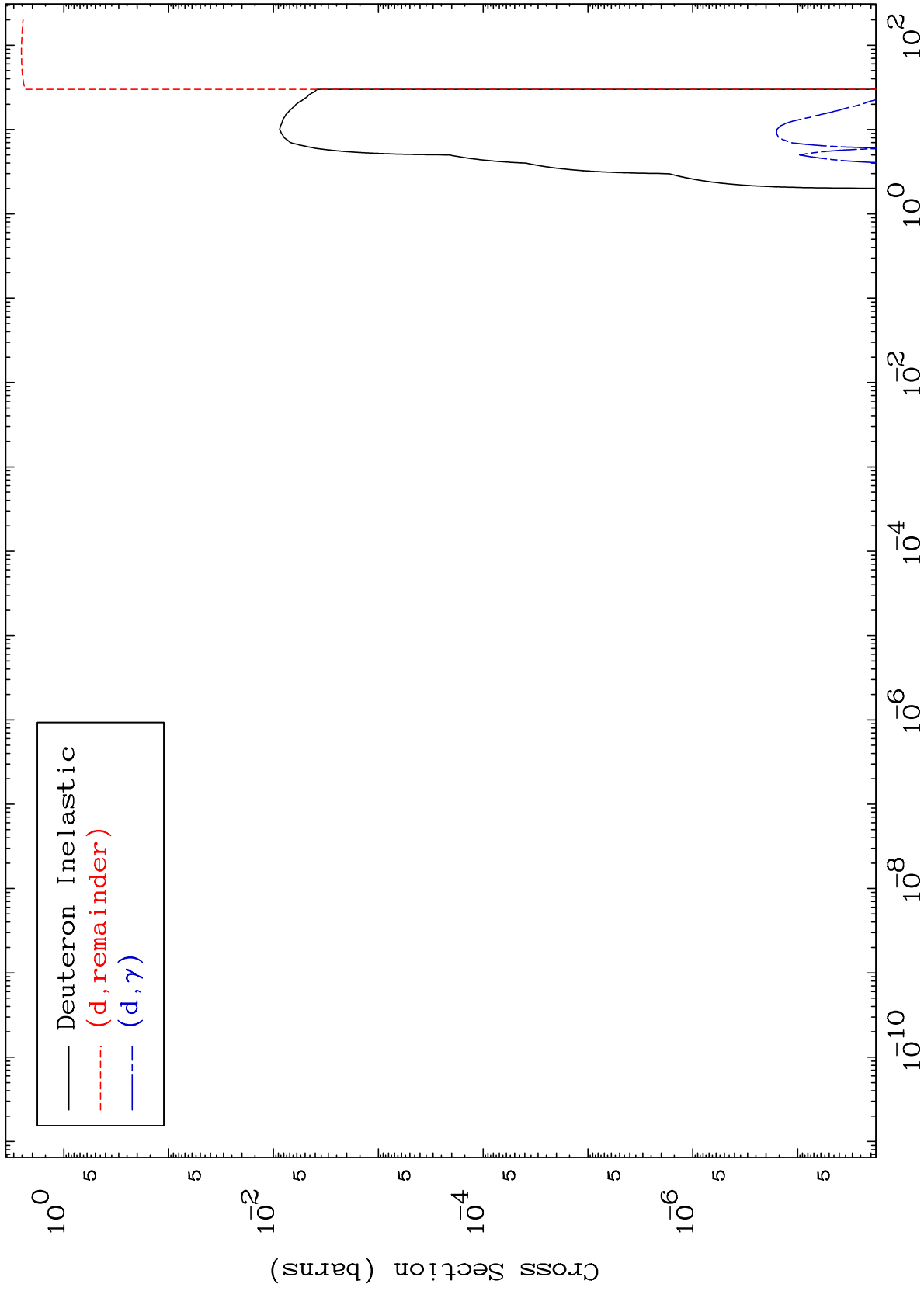
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5083

Deuteron Major  
0 Kelvin Cross Sections

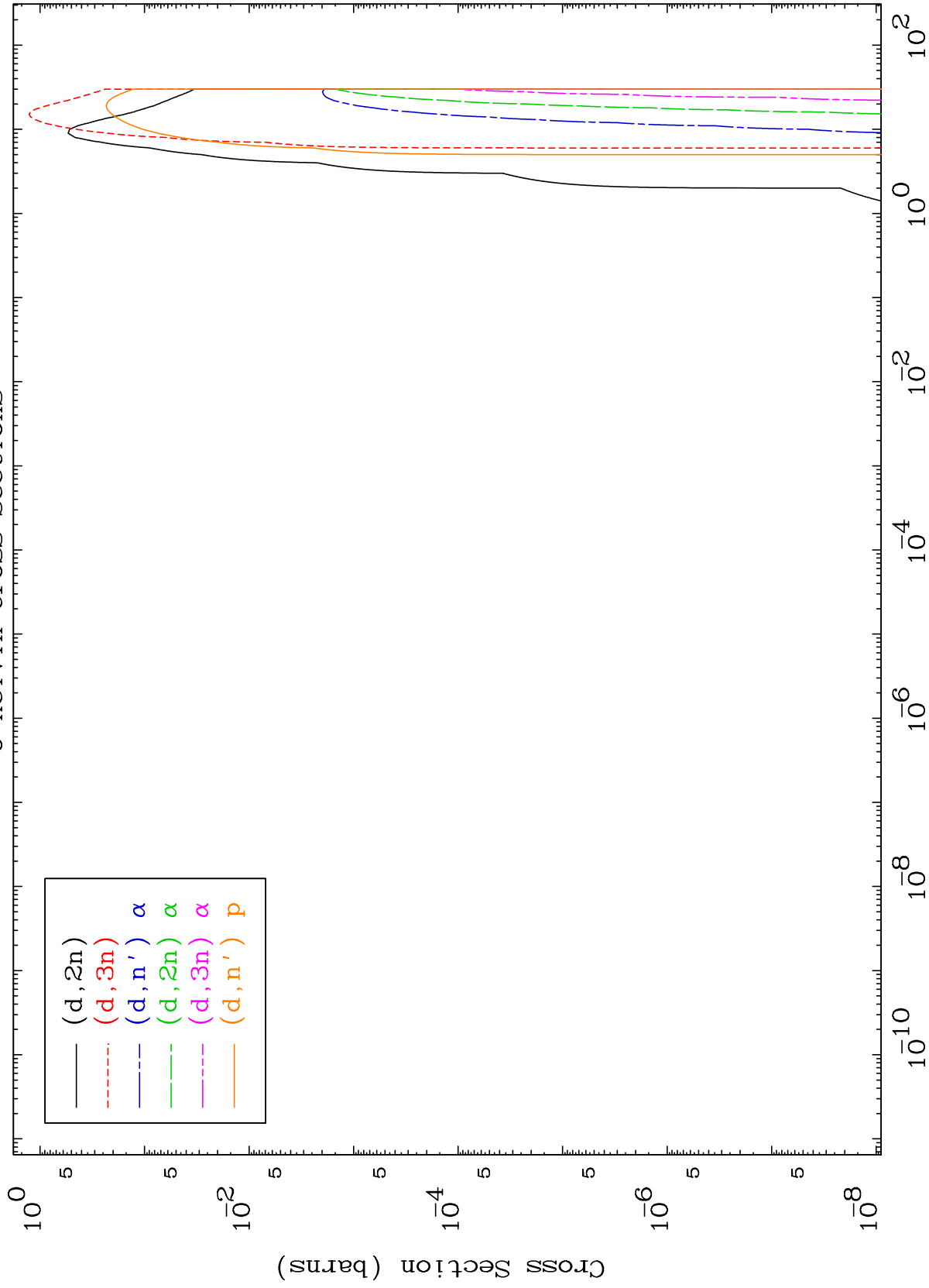
50-Sn-131



MAT 5083

Deuteron Neutron Production  
0 Kelvin Cross Sections

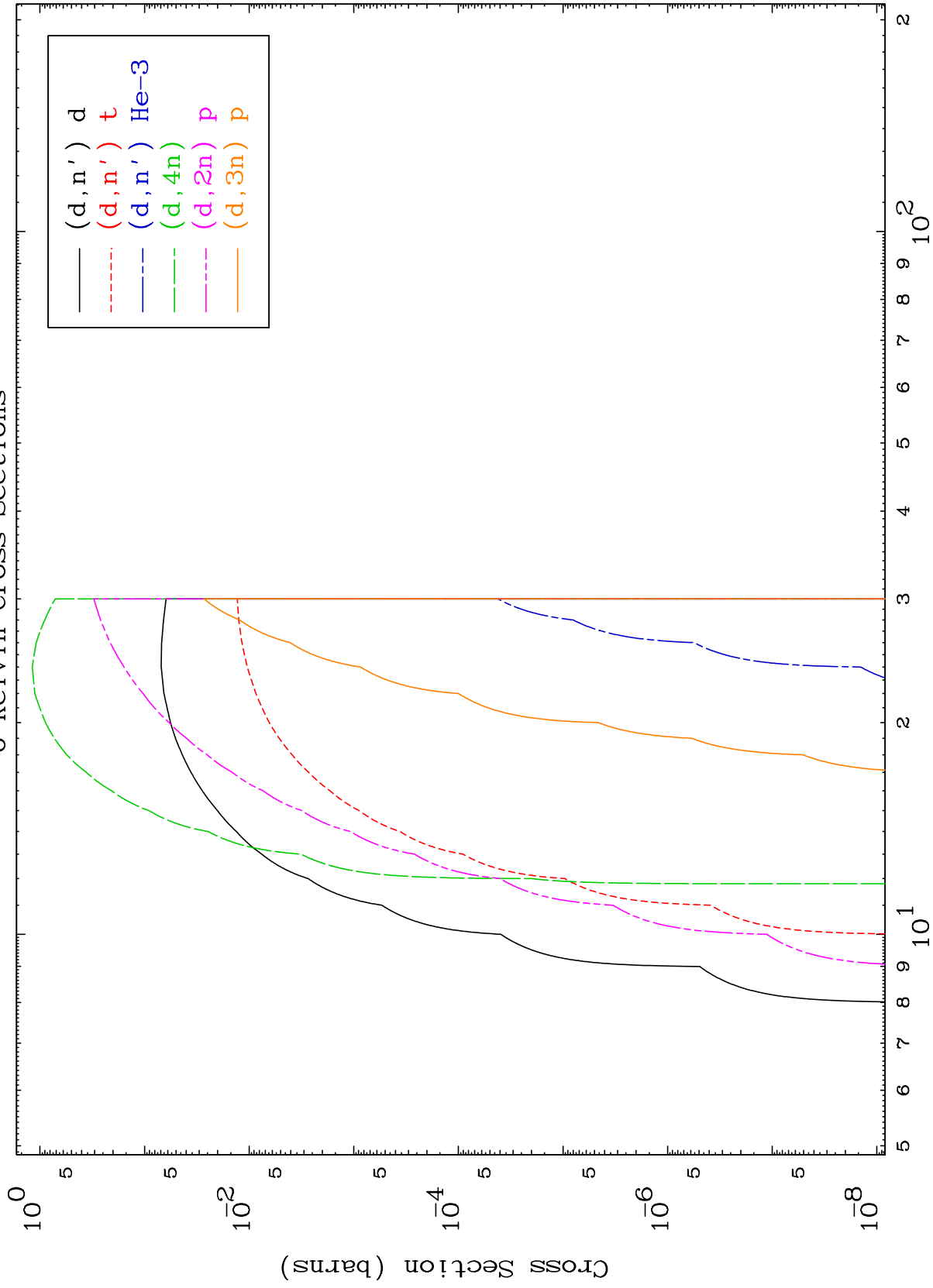
50-Sn-131



2

Incident Energy (MeV)

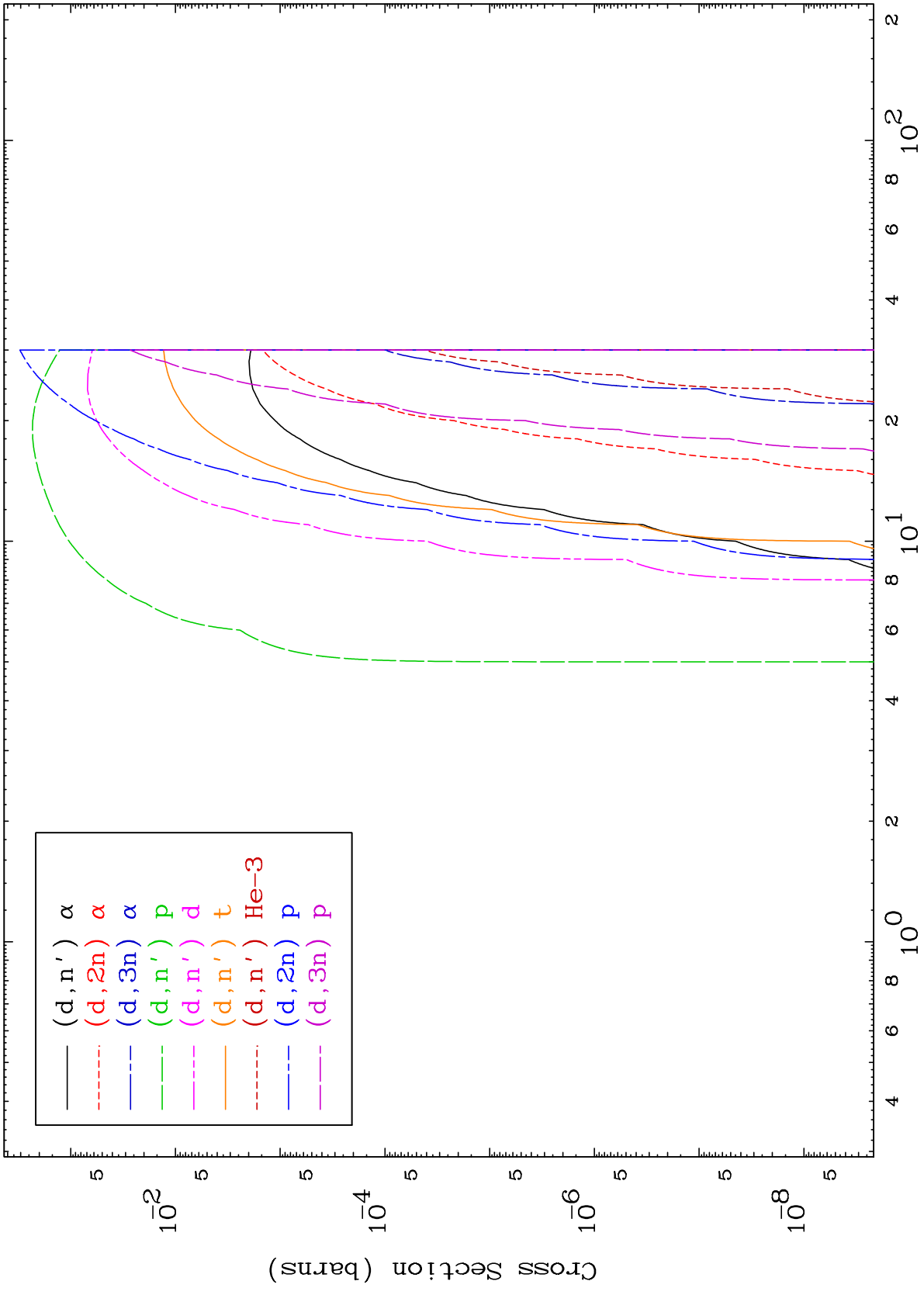
50-Sn-131



MAT 5083

Deuteron Charged Particle  
0 Kelvin Cross Sections

50-Sn-131

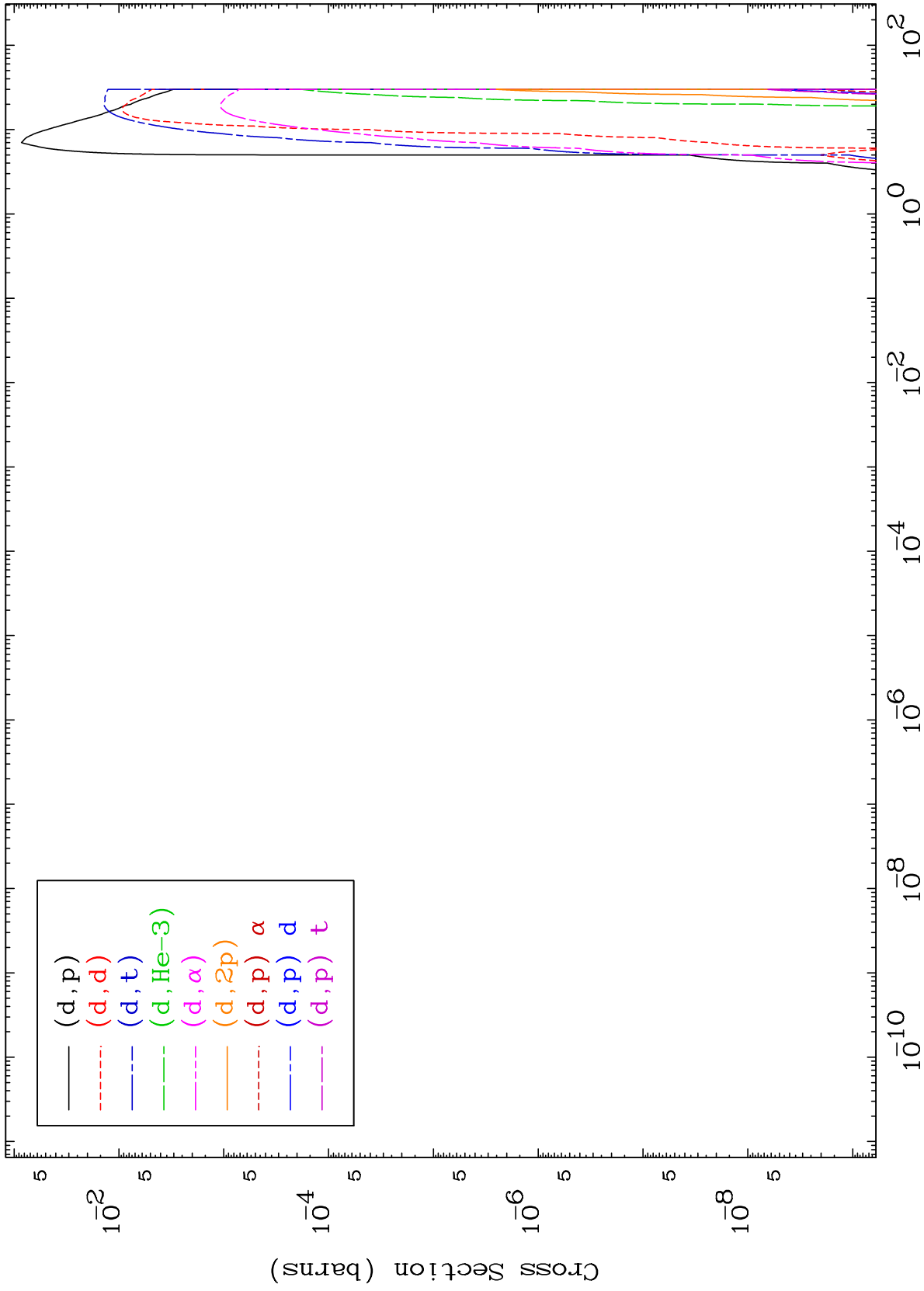


50-Sn-131

MAT 5083

Deuteron Charged Particle  
0 Kelvin Cross Sections

50-Sn-131



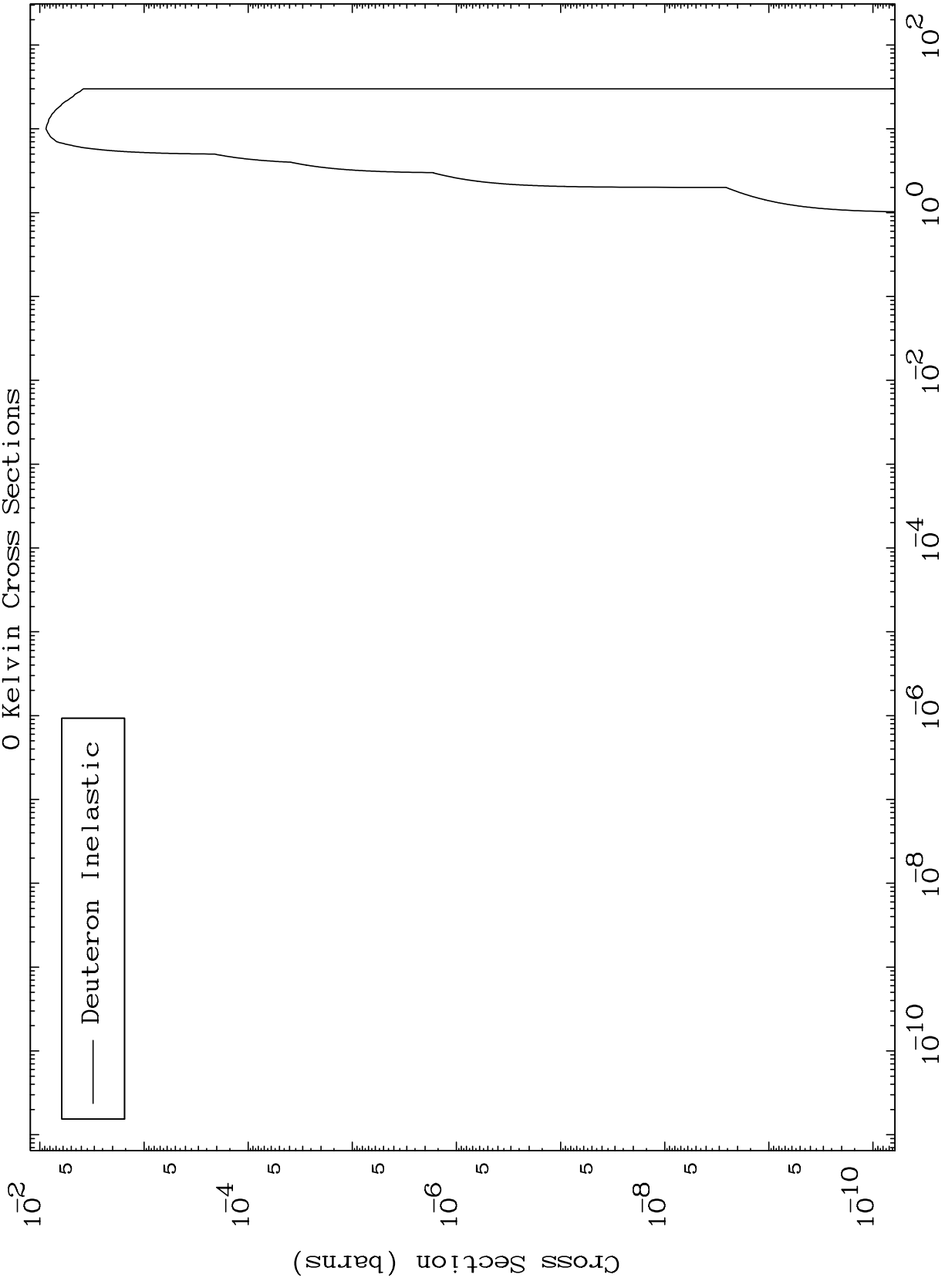
5

50-Sn-131

MAT 5083

(d,n') Level  
0 Kelvin Cross Sections

50-Sn-131

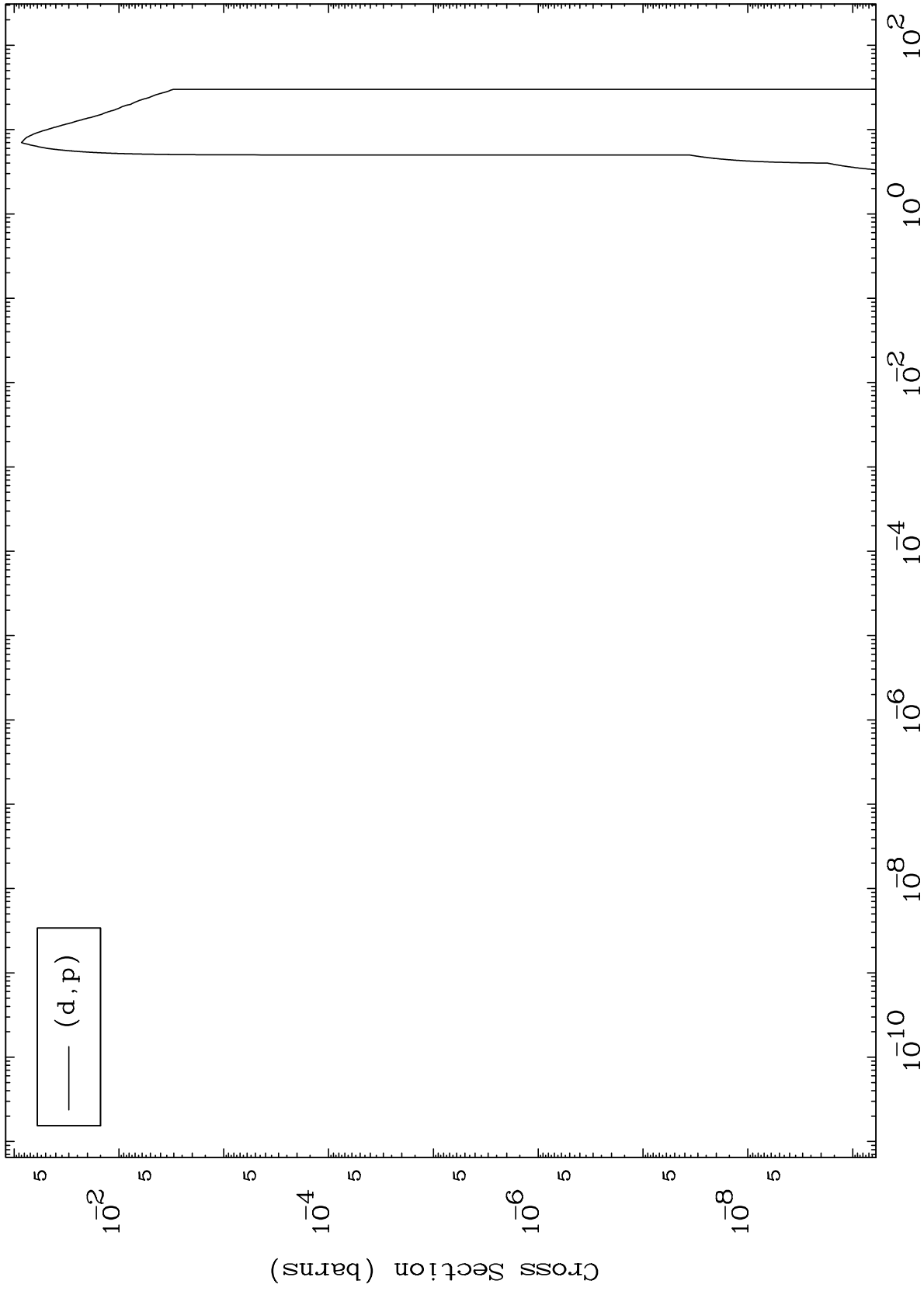


50-Sn-131

MAT 5083

(d,p) Levels  
0 Kelvin Cross Sections

50-Sn-131



7

Incident Energy (MeV)

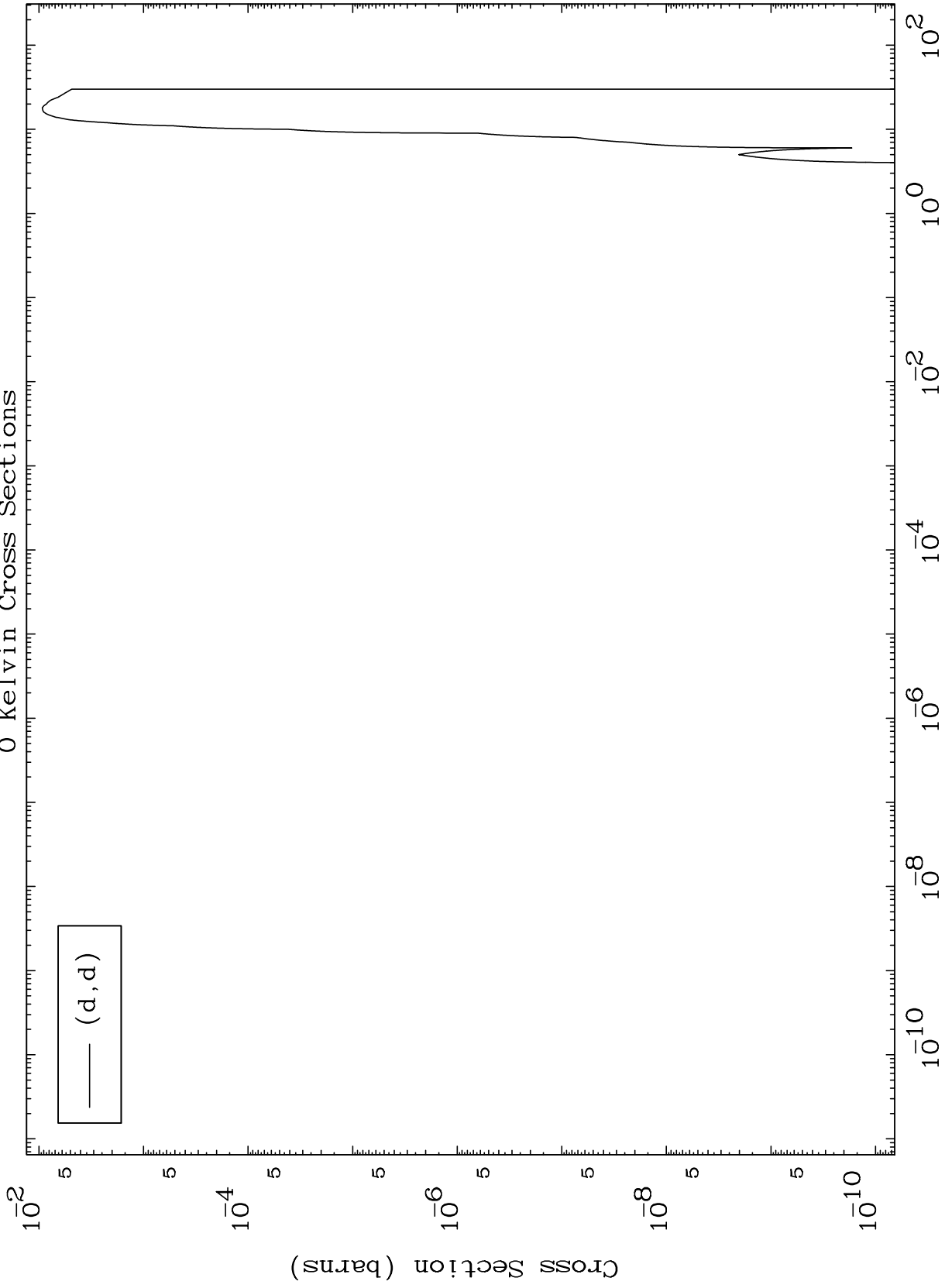
50-Sn-131



MAT 5083

(d,d) Levels  
0 Kelvin Cross Sections

50-Sn-131

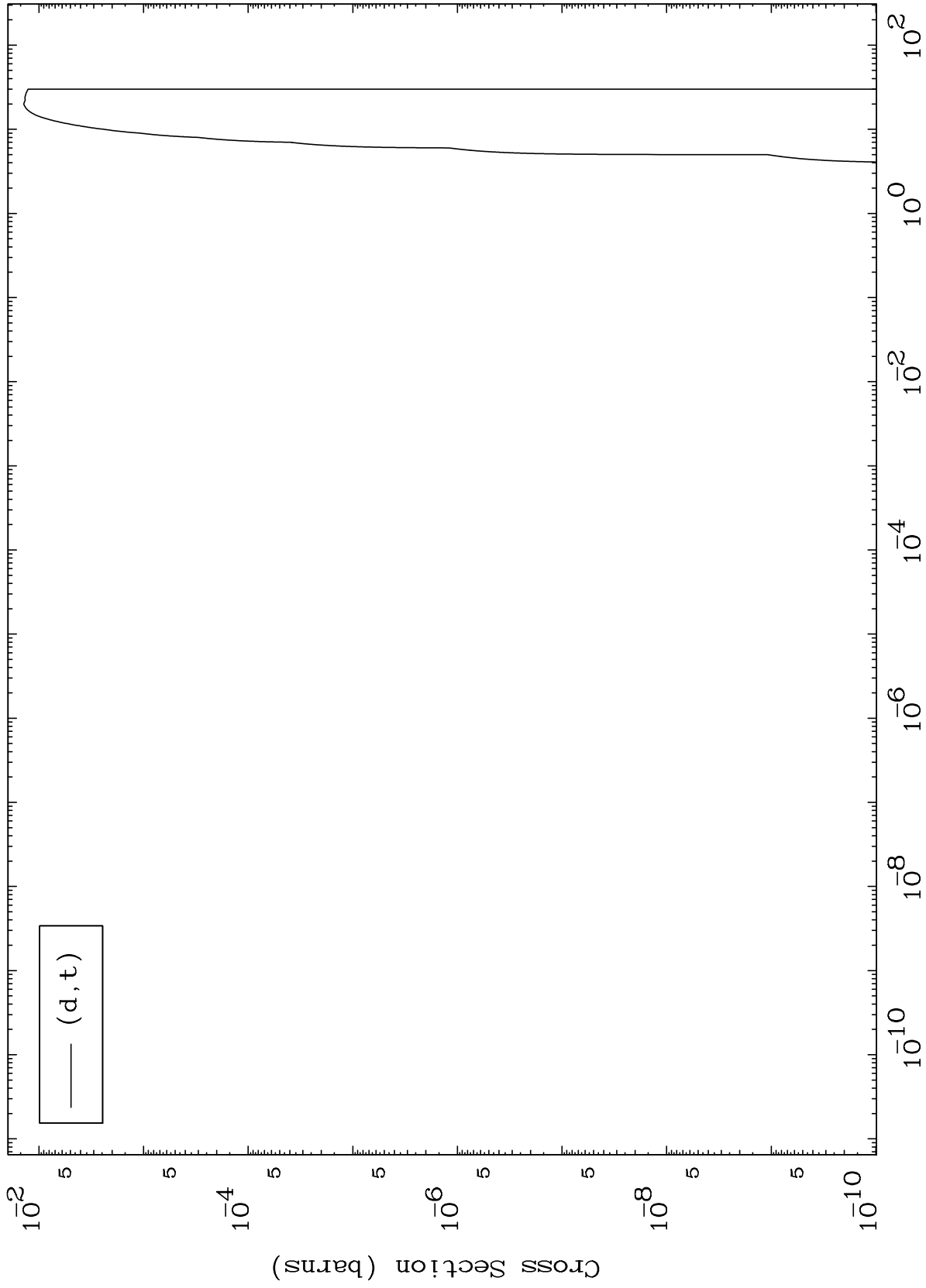


50-Sn-131

MAT 5083

(d,t) Levels  
0 Kelvin Cross Sections

50-Sn-131



9

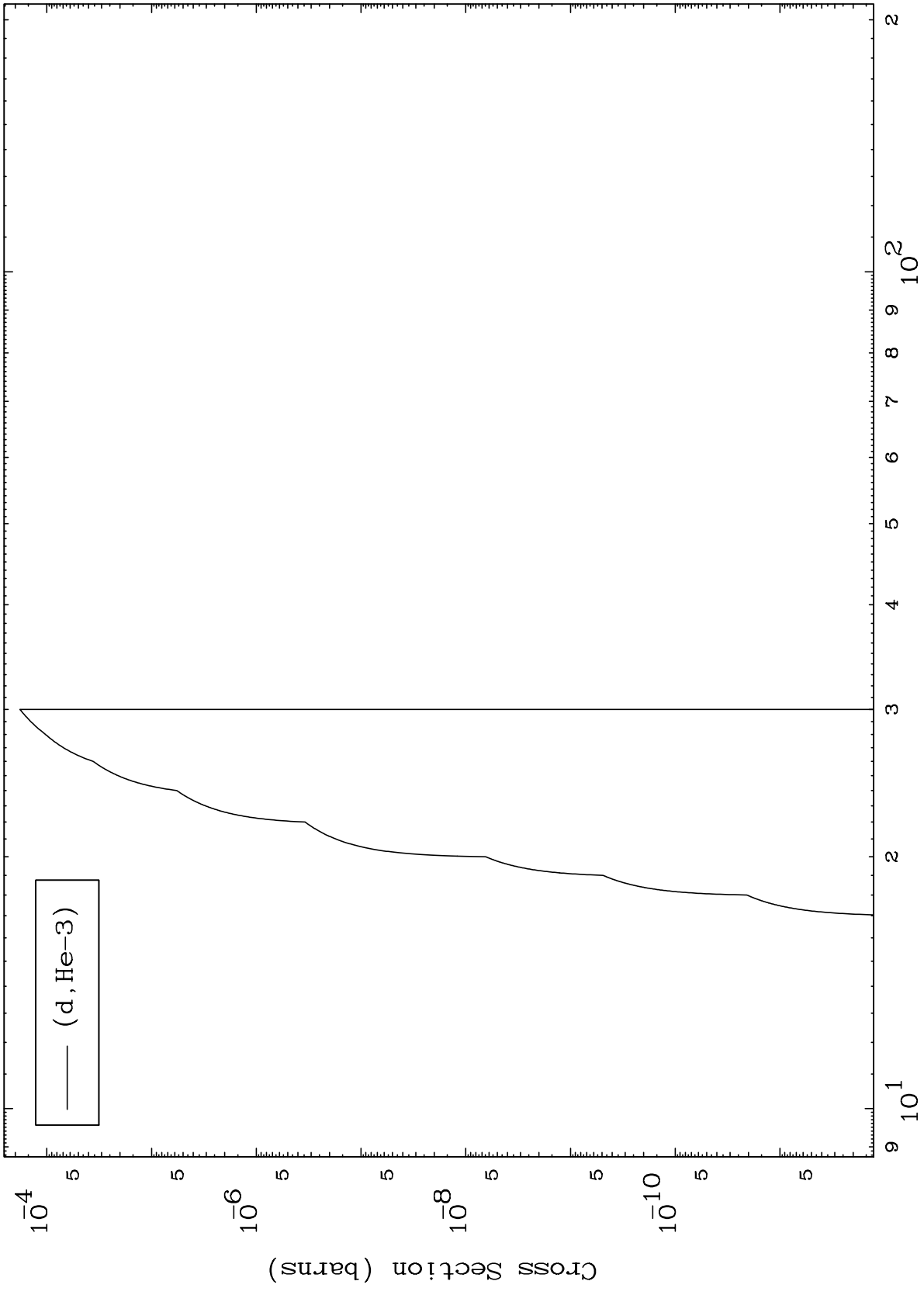
Incident Energy (MeV)

50-Sn-131

MAT 5083

(d,He3) Levels  
0 Kelvin Cross Sections

50-Sn-131



10

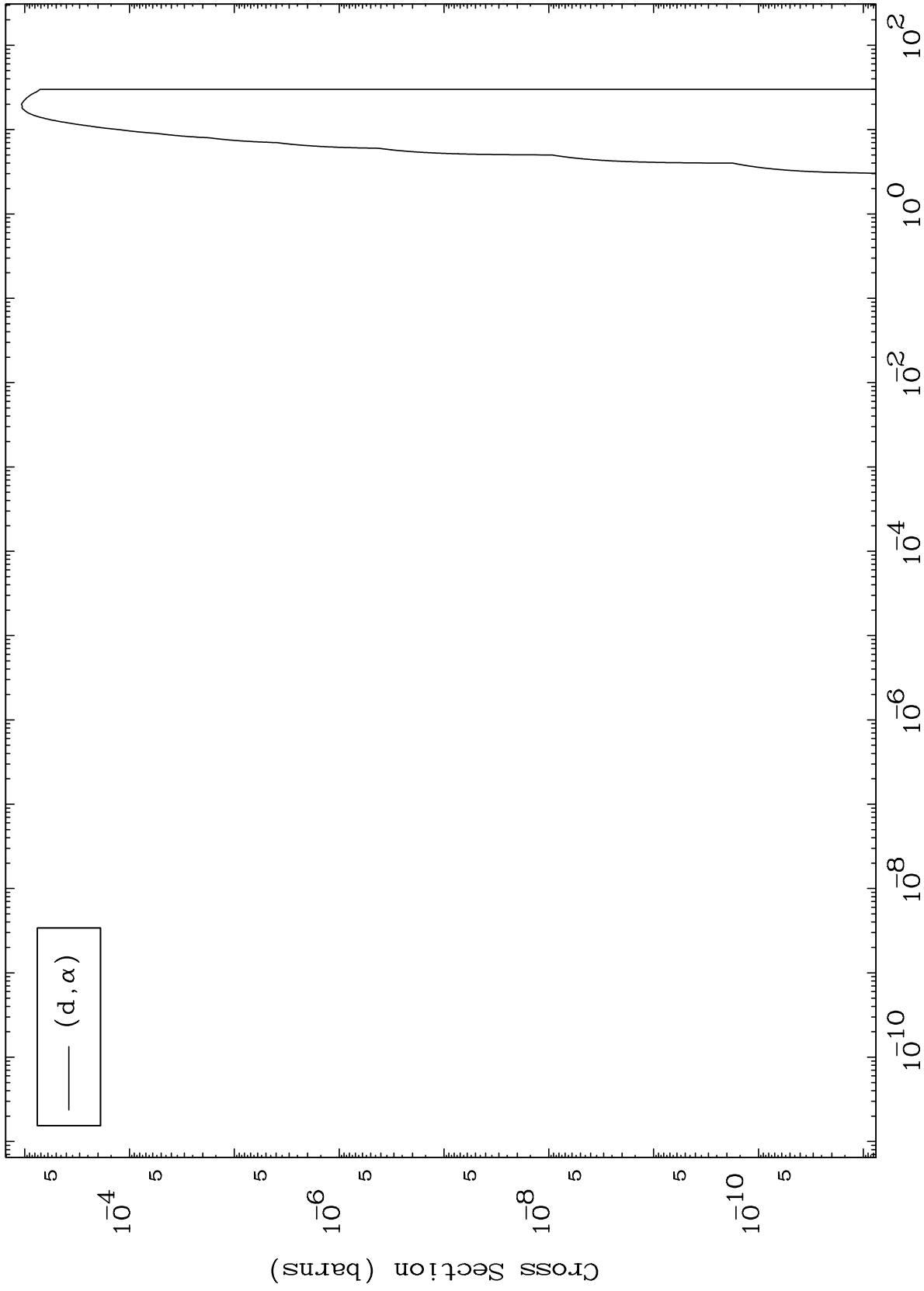
Incident Energy (MeV)

50-Sn-131

MAT 5083

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

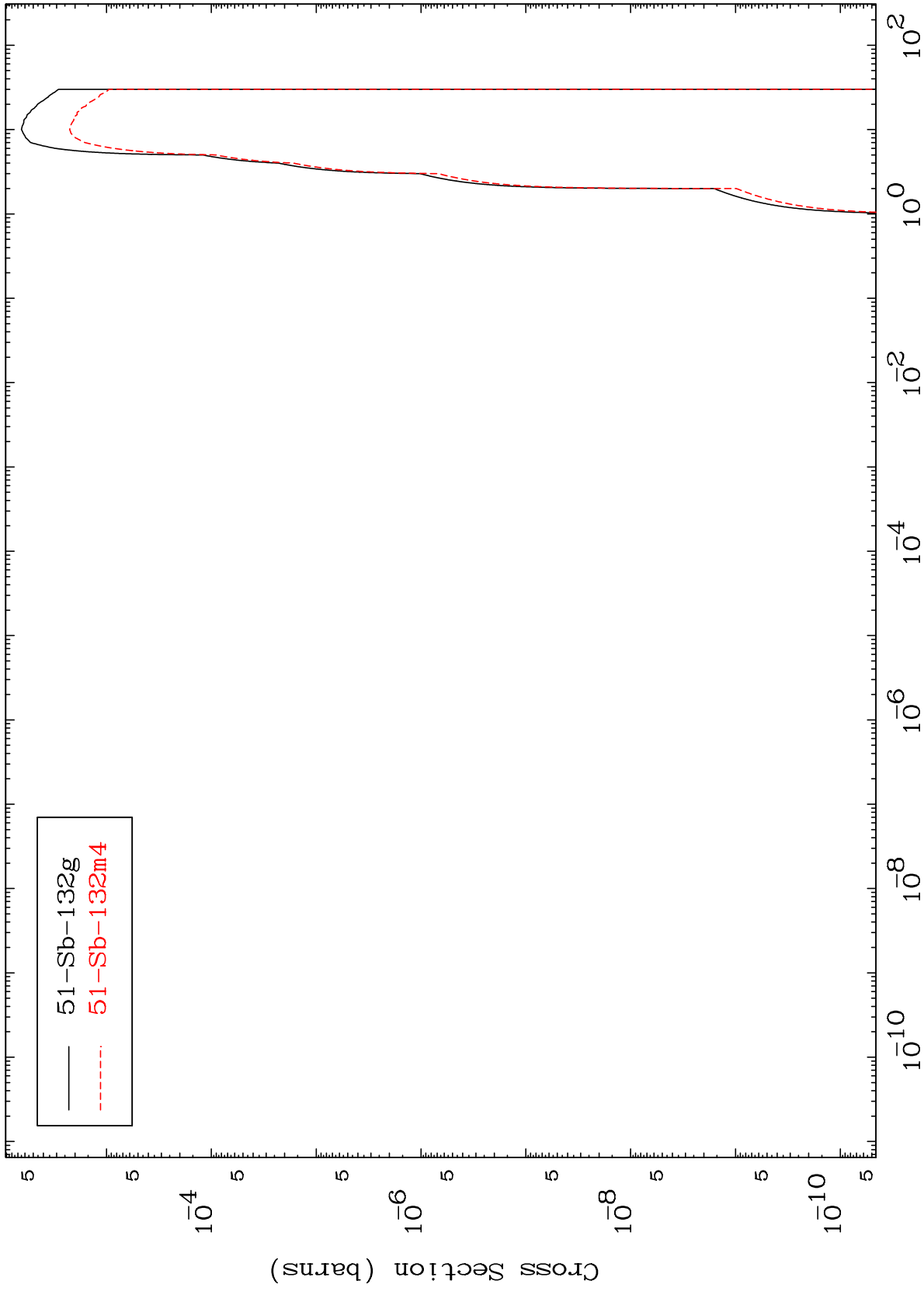
50-Sn-131



MAT 5083

Deuteron Inelastic  
Radionuclide Production Cross Section

50-Sn-131



12

Incident Energy (MeV)

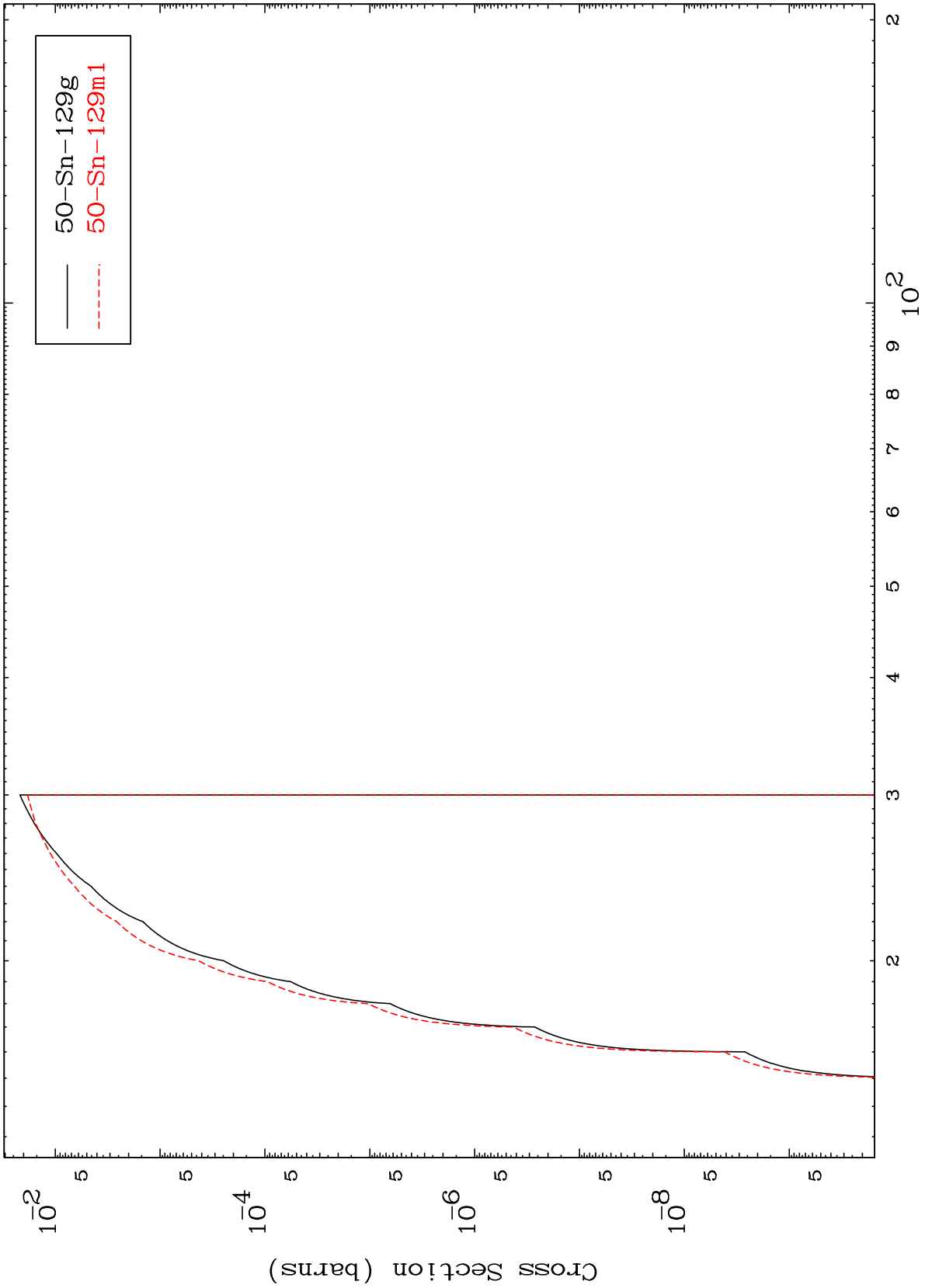
50-Sn-131

MAT 5083

(d,2n) d

50-Sn-131

Radionuclide Production Cross Section



13

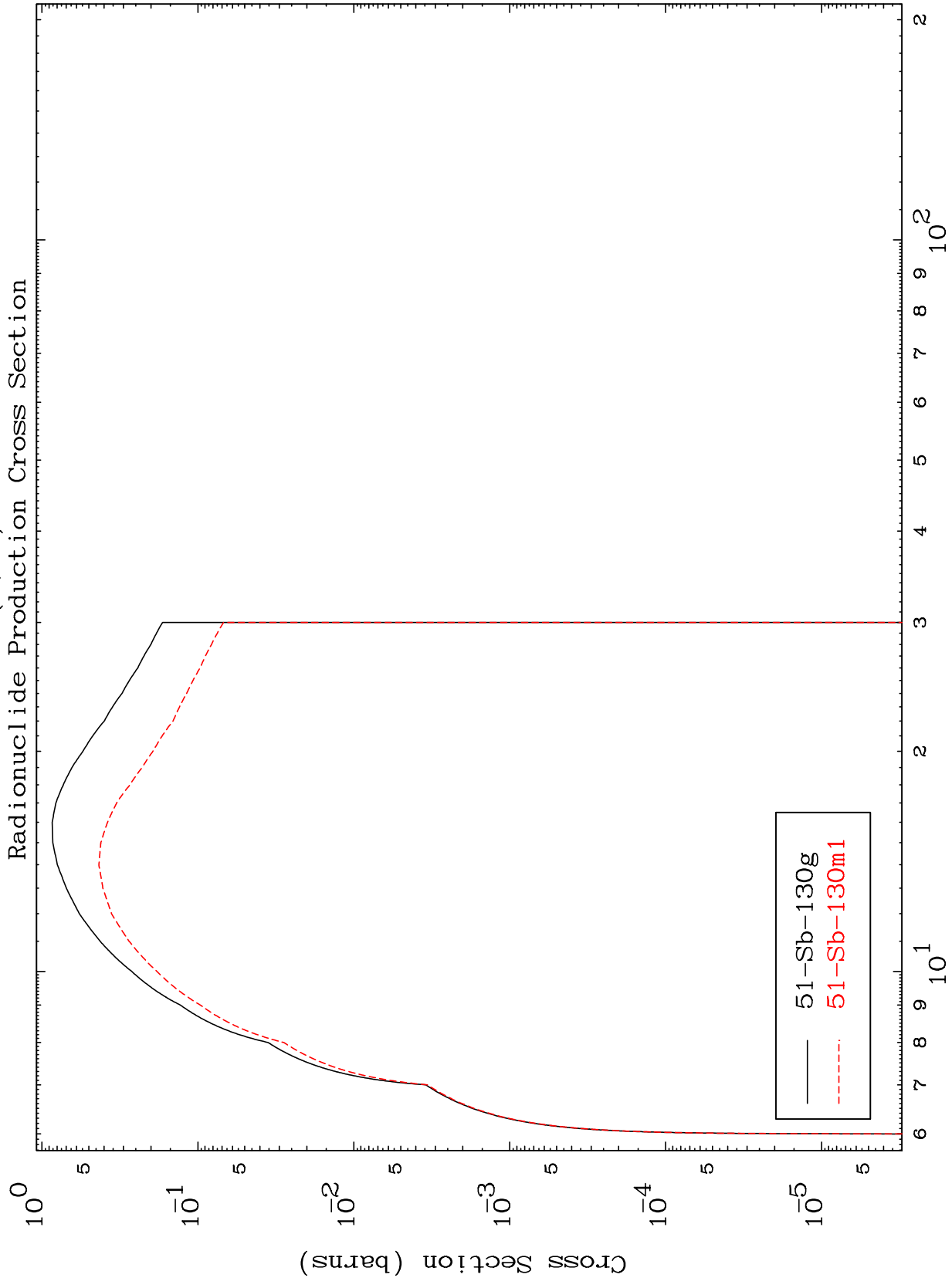
Incident Energy (MeV)

50-Sn-131

MAT 5083

50-Sn-131

Radionuclide Production Cross Section (d,3n)



— 51-Sb-130g  
- - - 51-Sb-130m1

14

Incident Energy (MeV)

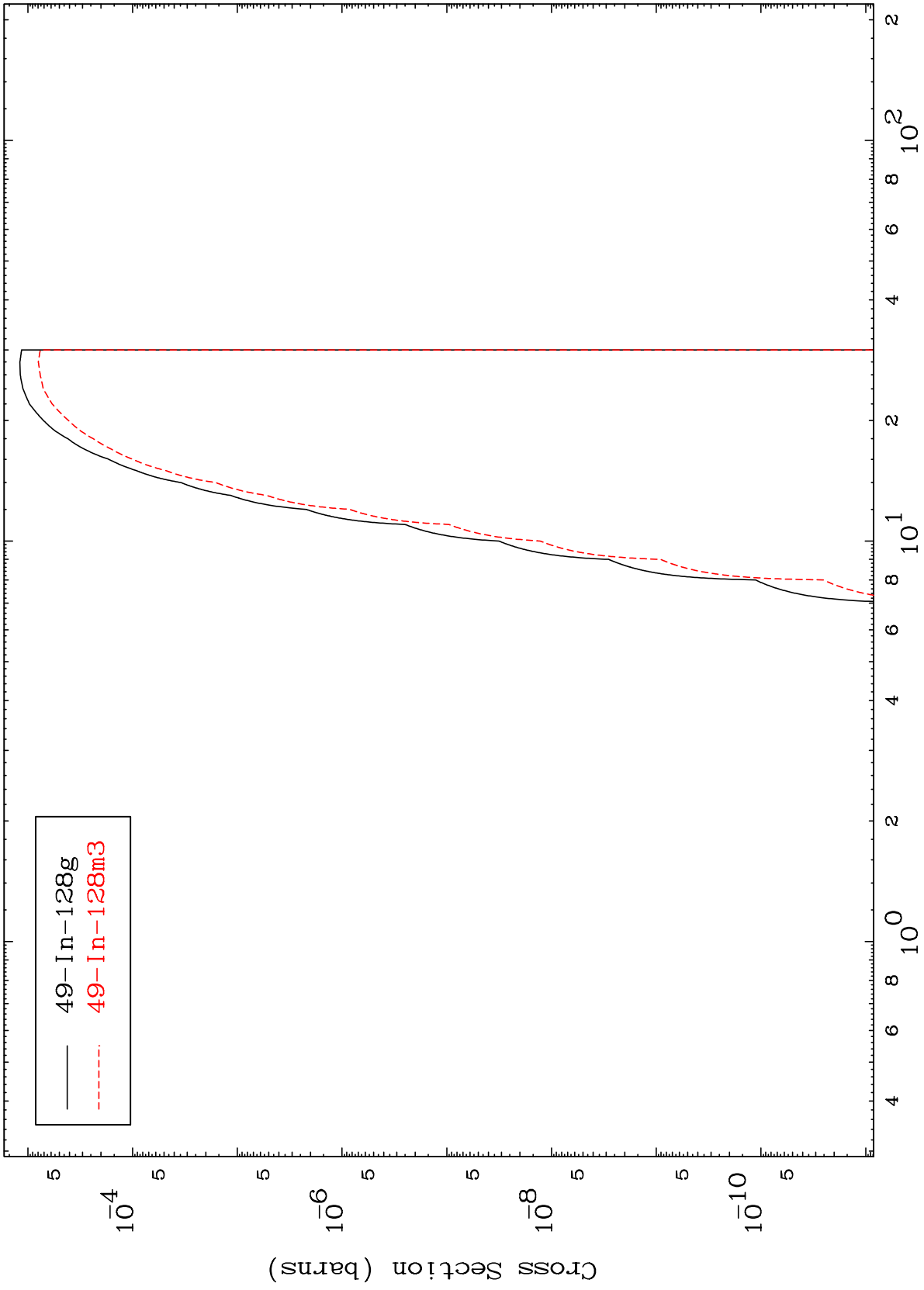
50-Sn-131

MAT 5083

(d,n')  $\alpha$

50-Sn-131

Radionuclide Production Cross Section



15

Incident Energy (MeV)

50-Sn-131

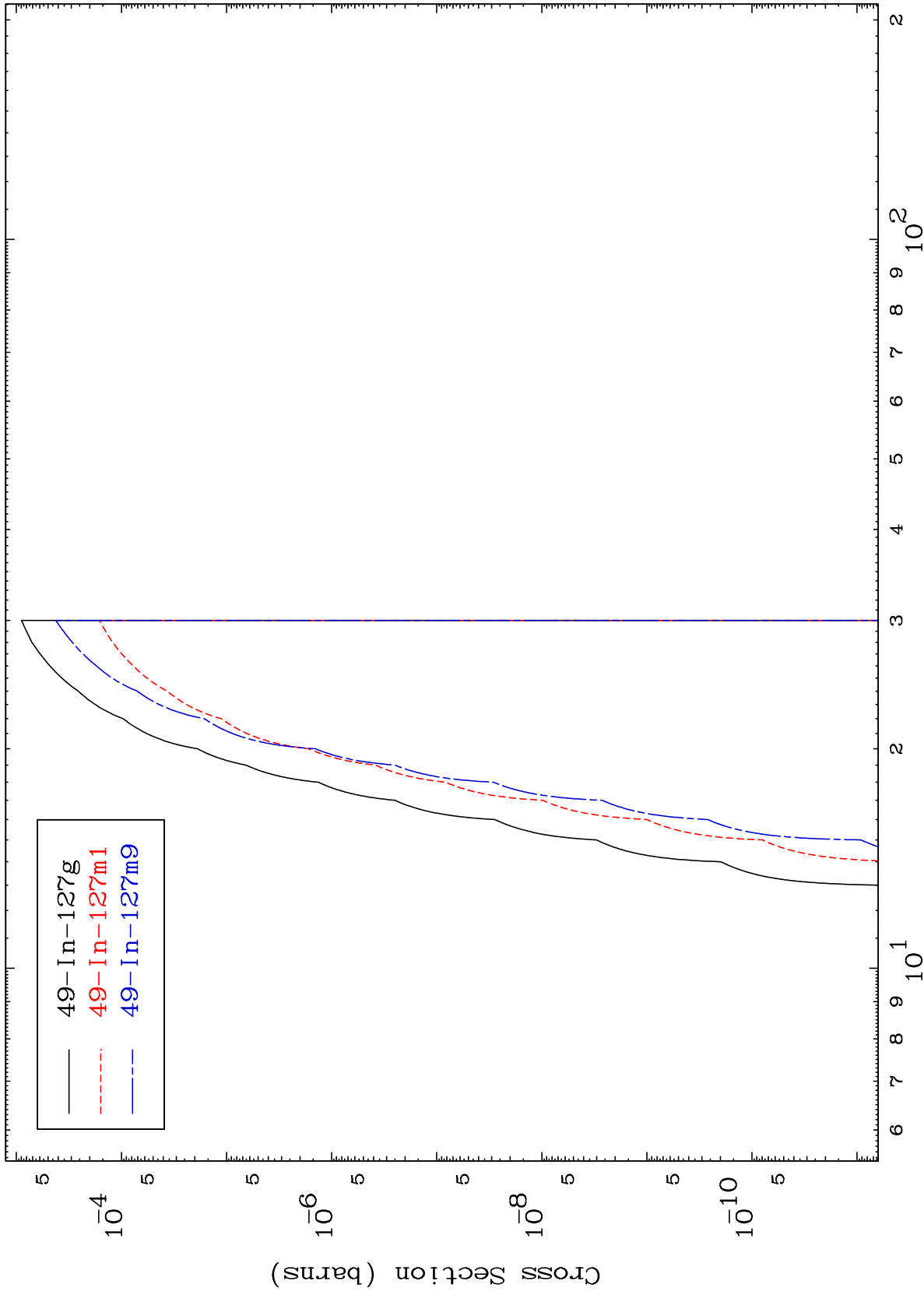


MAT 5083

(d,2n)  $\alpha$

50-Sn-131

Radionuclide Production Cross Section



16

Incident Energy (MeV)

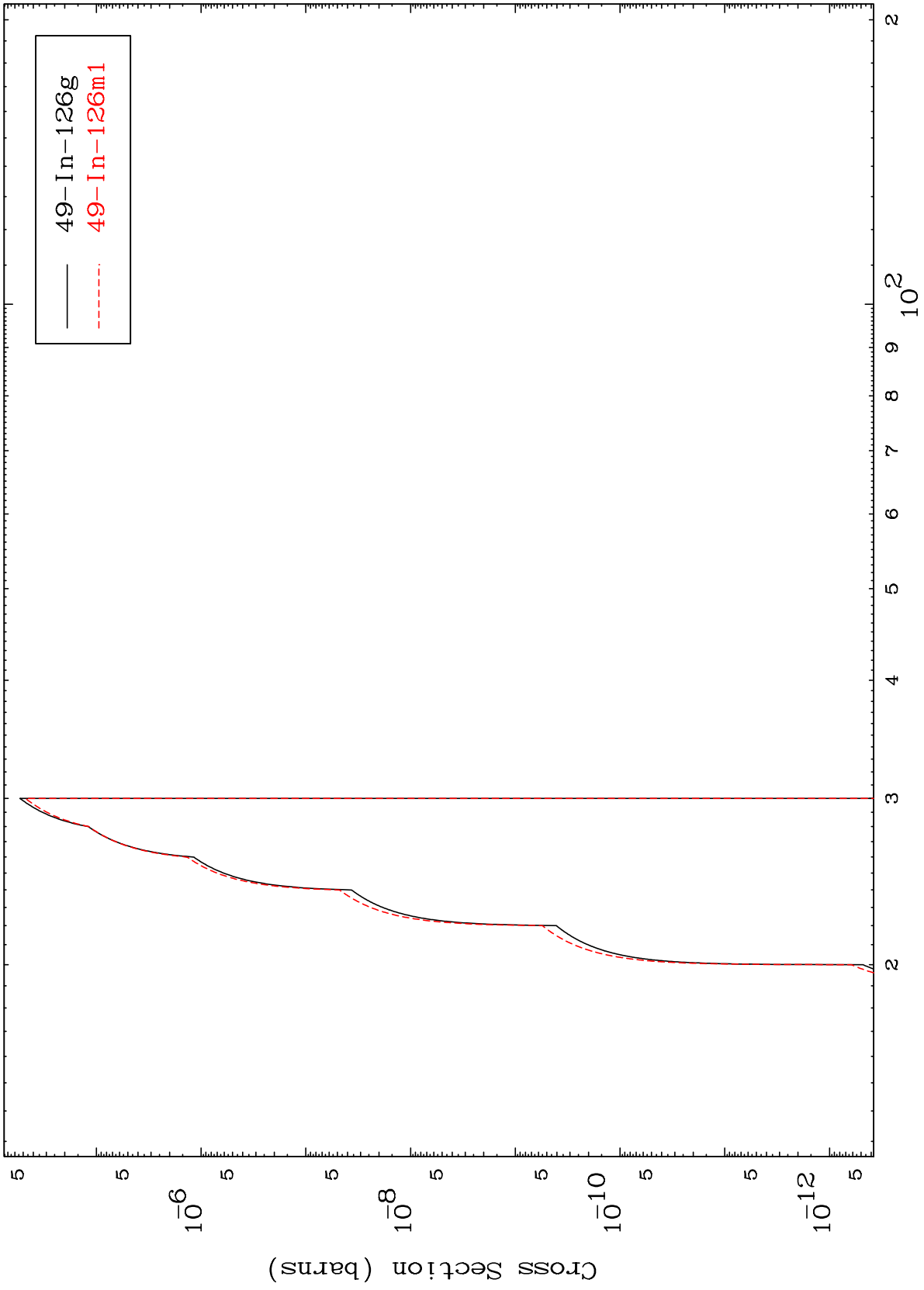
50-Sn-131

MAT 5083

(d,3n)  $\alpha$

50-Sn-131

Radionuclide Production Cross Section



17

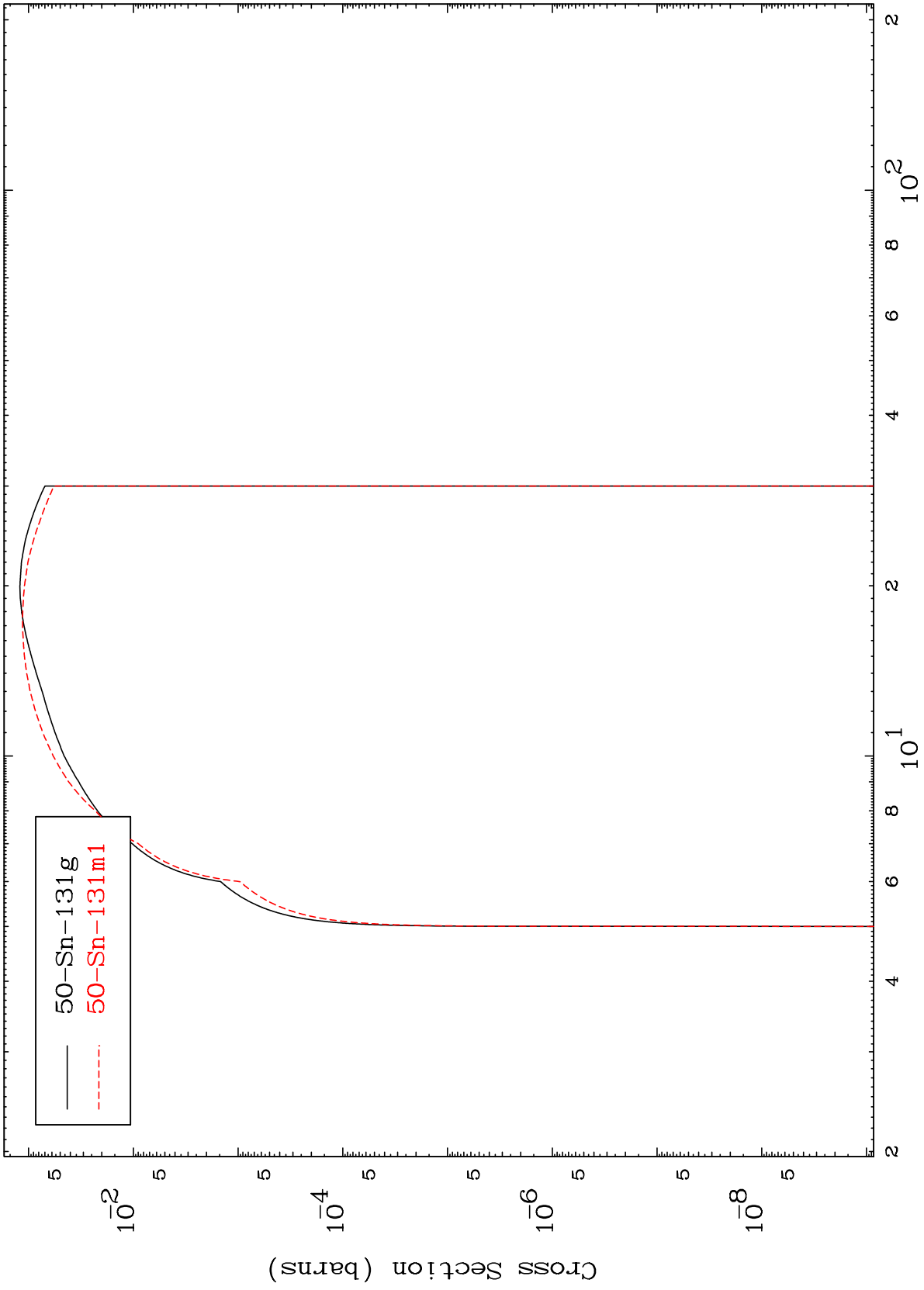
Incident Energy (MeV)

50-Sn-131

MAT 5083

50-Sn-131

(d,n') p  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

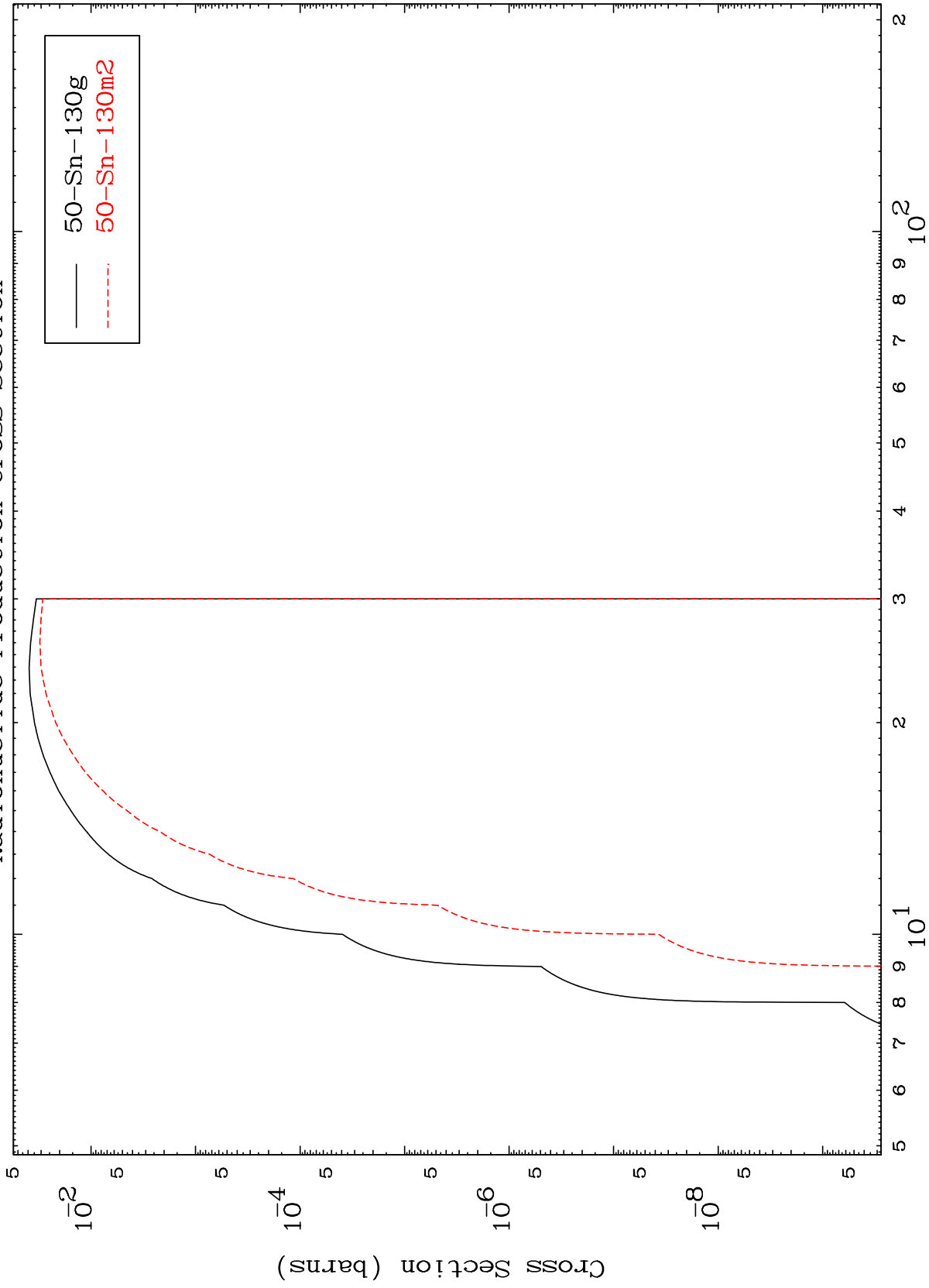
50-Sn-131

MAT 5083

(d,n') d

50-Sn-131

Radionuclide Production Cross Section



19

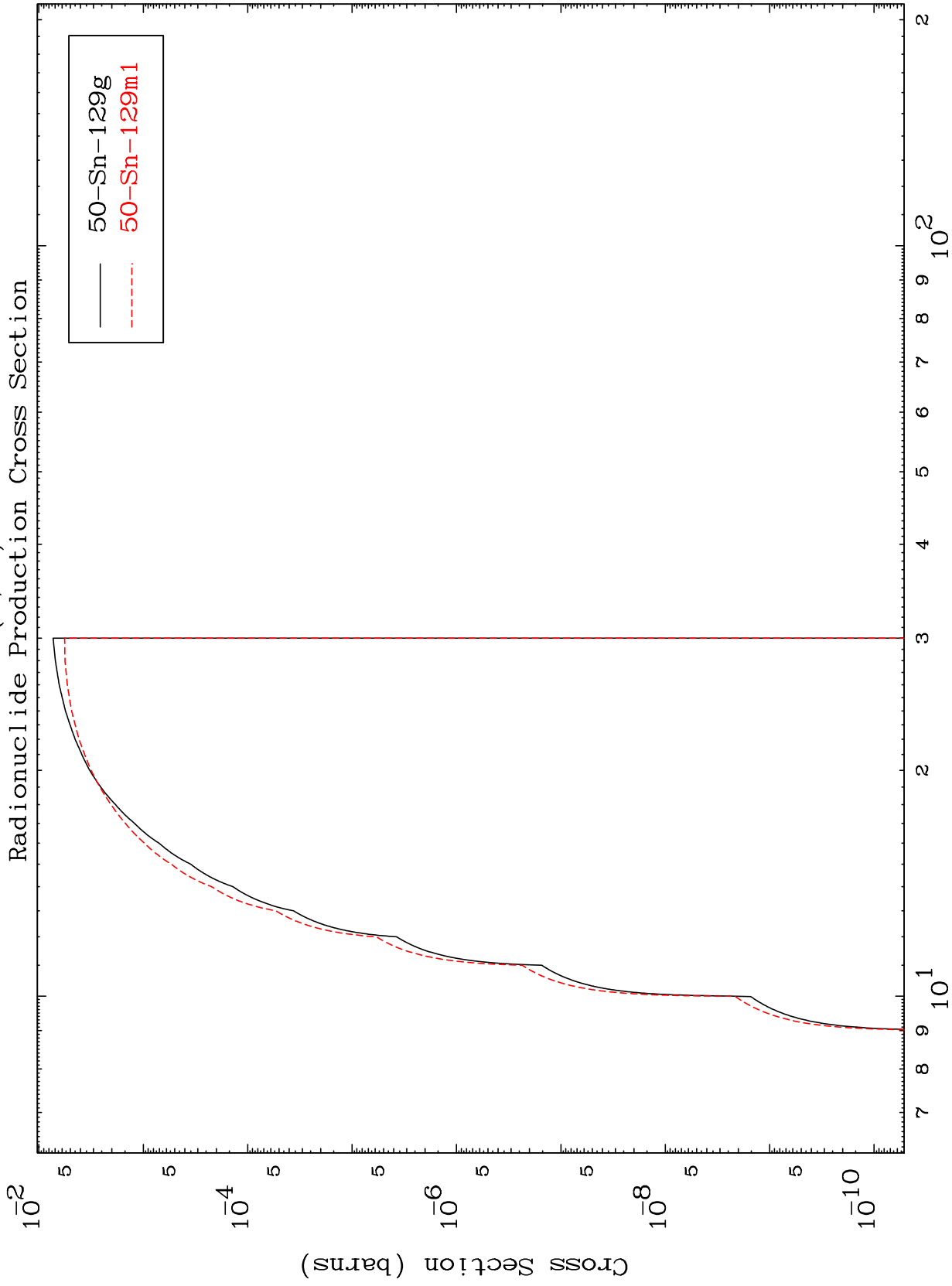
Incident Energy (MeV)

50-Sn-131

MAT 5083

(d,n') t

50-Sn-131



20

Incident Energy (MeV)

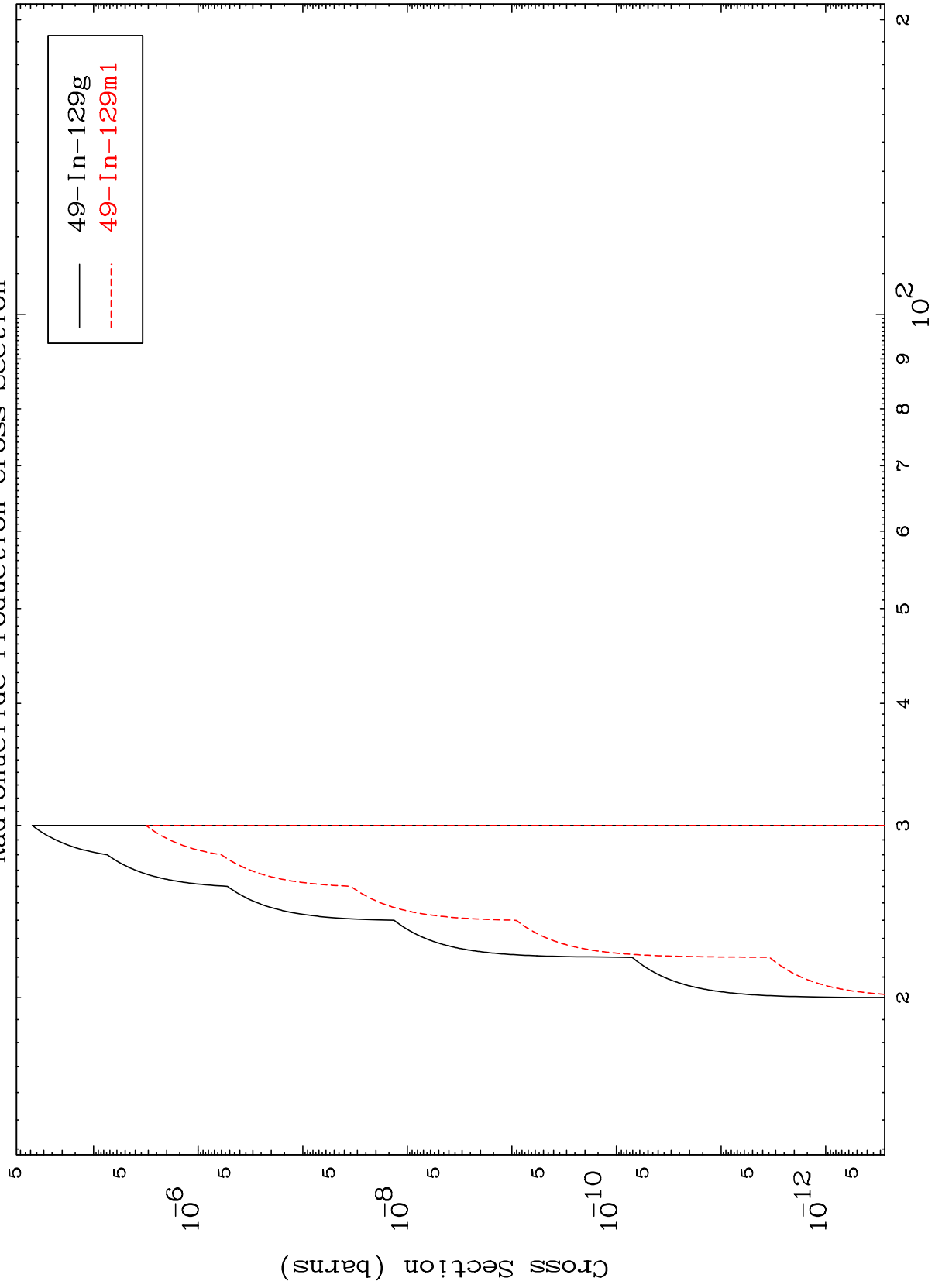
50-Sn-131

MAT 5083

(d, n') He-3

50-Sn-131

Radionuclide Production Cross Section



21

Incident Energy (MeV)

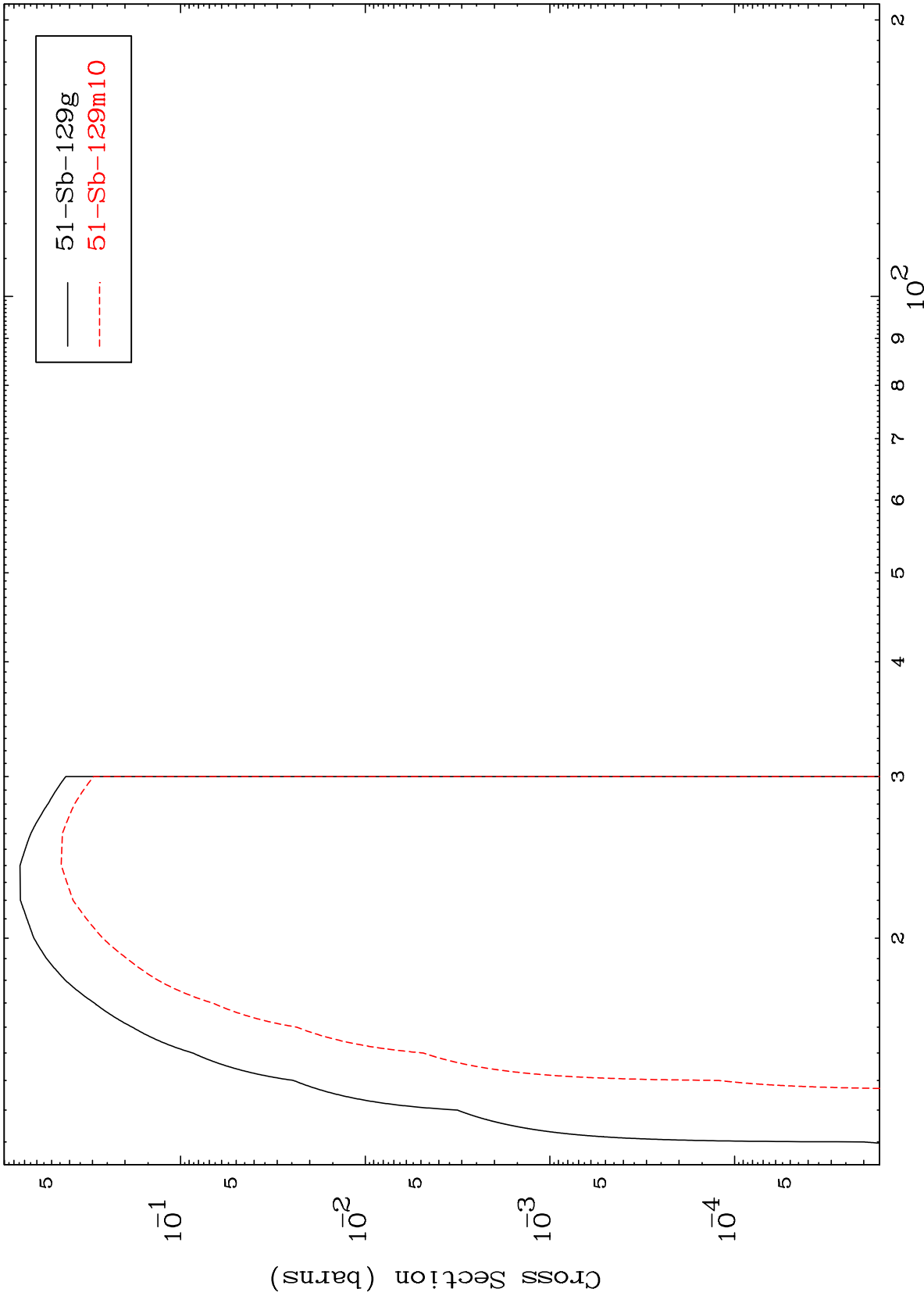
50-Sn-131

MAT 5083

(d,4n)

50-Sn-131

Radionuclide Production Cross Section



22

Incident Energy (MeV)

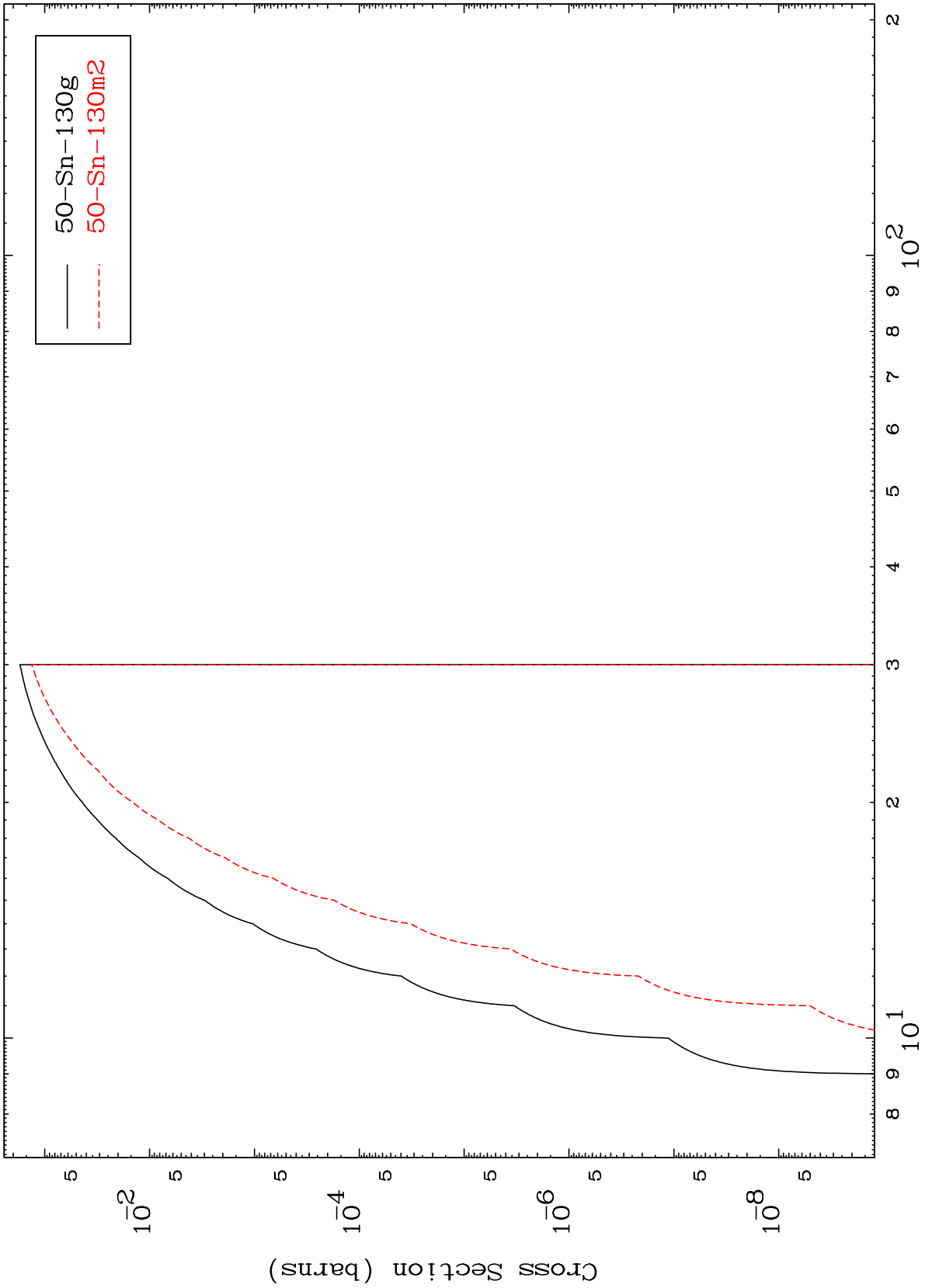
50-Sn-131

MAT 5083

(d,2n) p

50-Sn-131

Radionuclide Production Cross Section



50-Sn-130g  
50-Sn-130m<sup>2</sup>

23

Incident Energy (MeV)

50-Sn-131

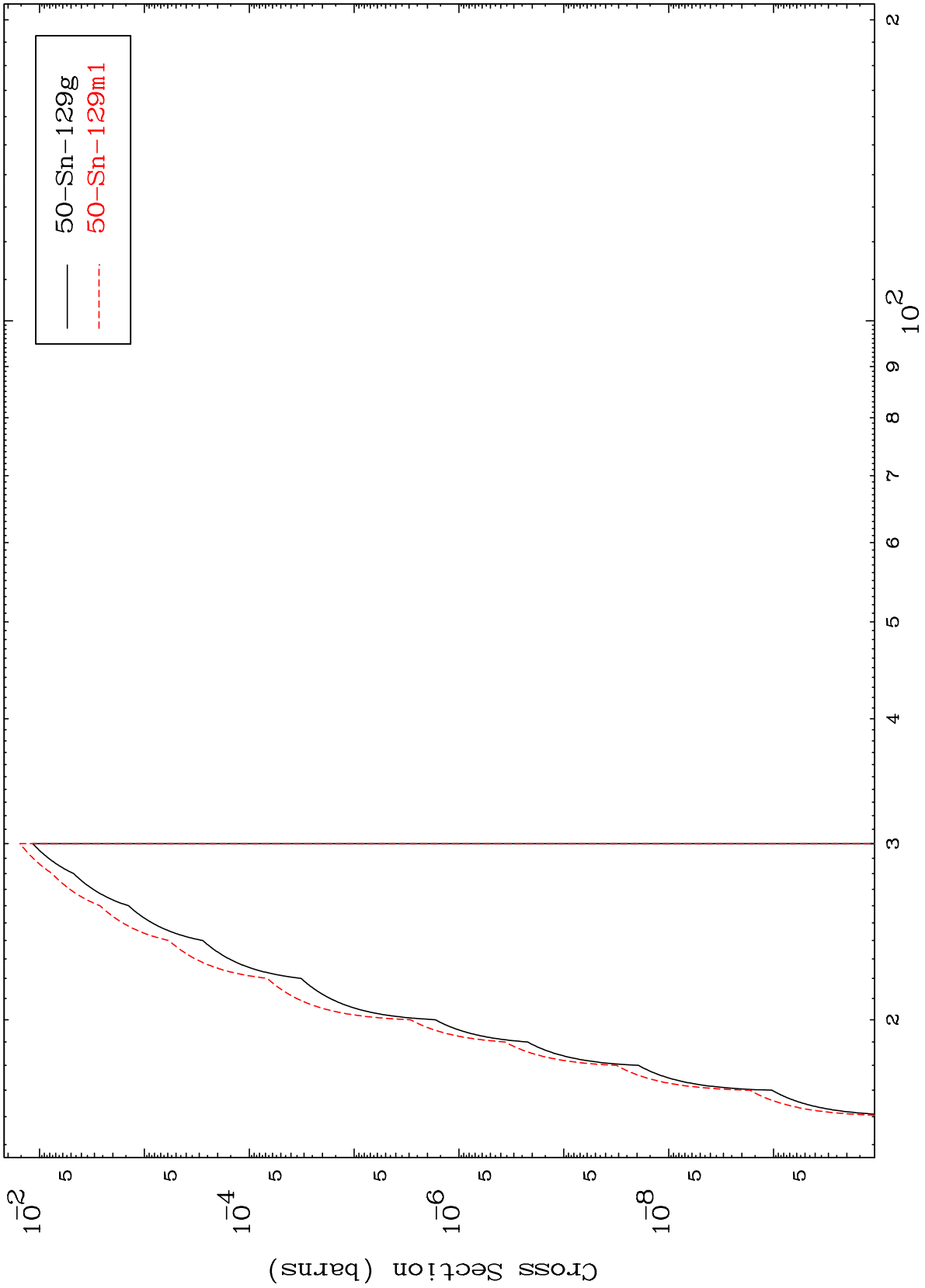


MAT 5083

(d,3n) p

50-Sn-131

Radionuclide Production Cross Section



24

Incident Energy (MeV)

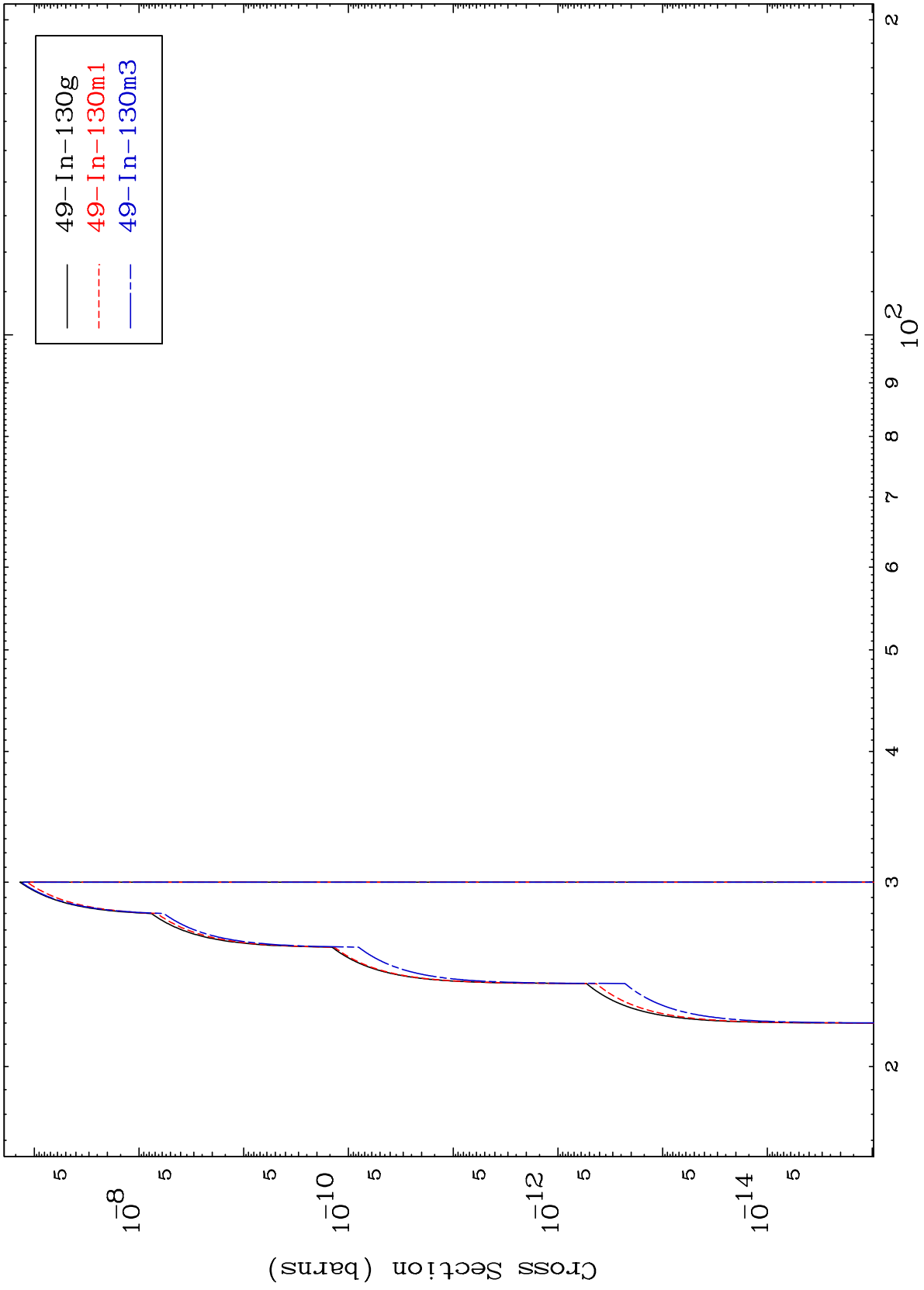
50-Sn-131

MAT 5083

(d,2n) p

50-Sn-131

Radionuclide Production Cross Section



25

Incident Energy (MeV)

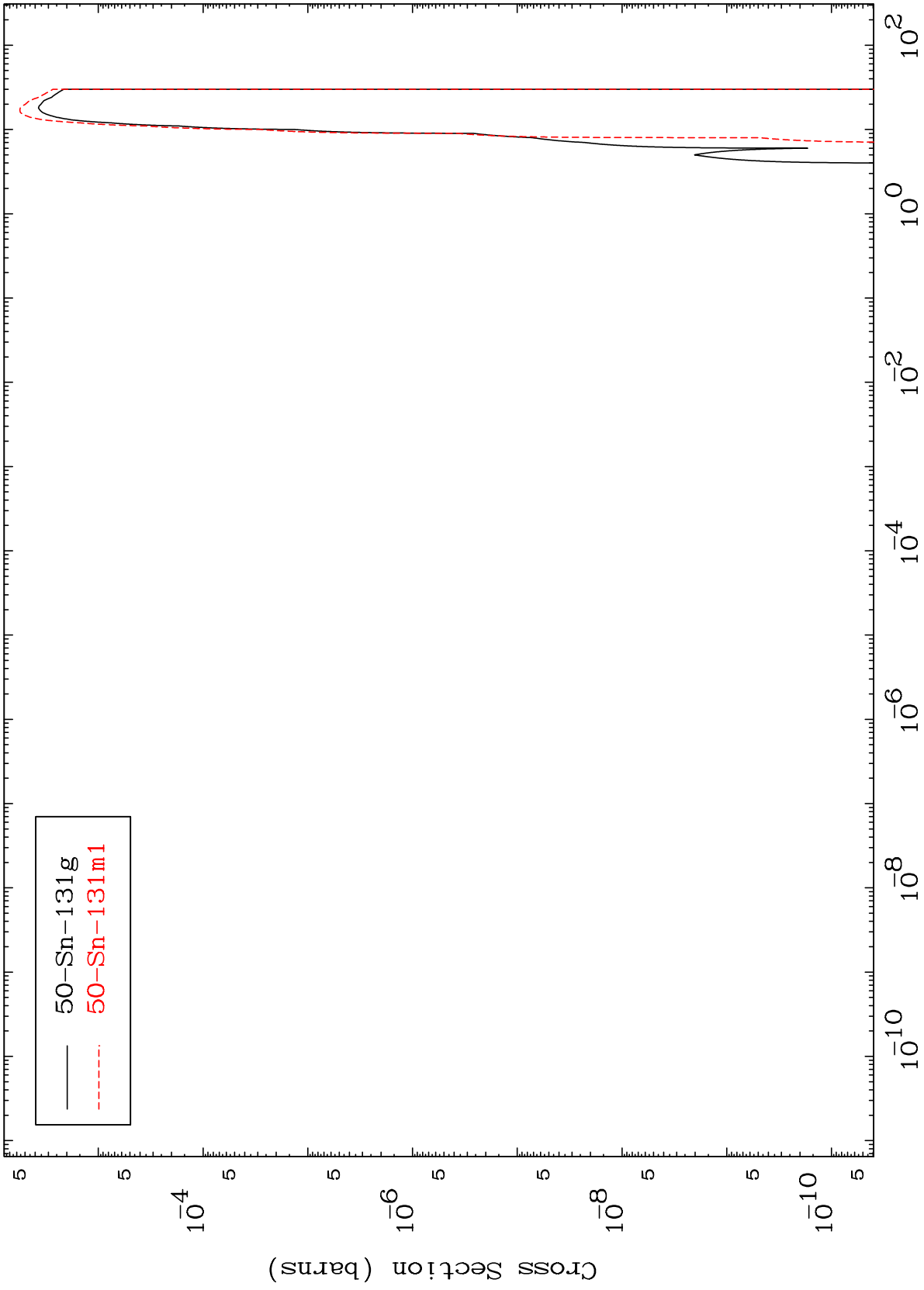
50-Sn-131

MAT 5083

(d,d)

Radionuclide Production Cross Section

50-Sn-131



26

Incident Energy (MeV)

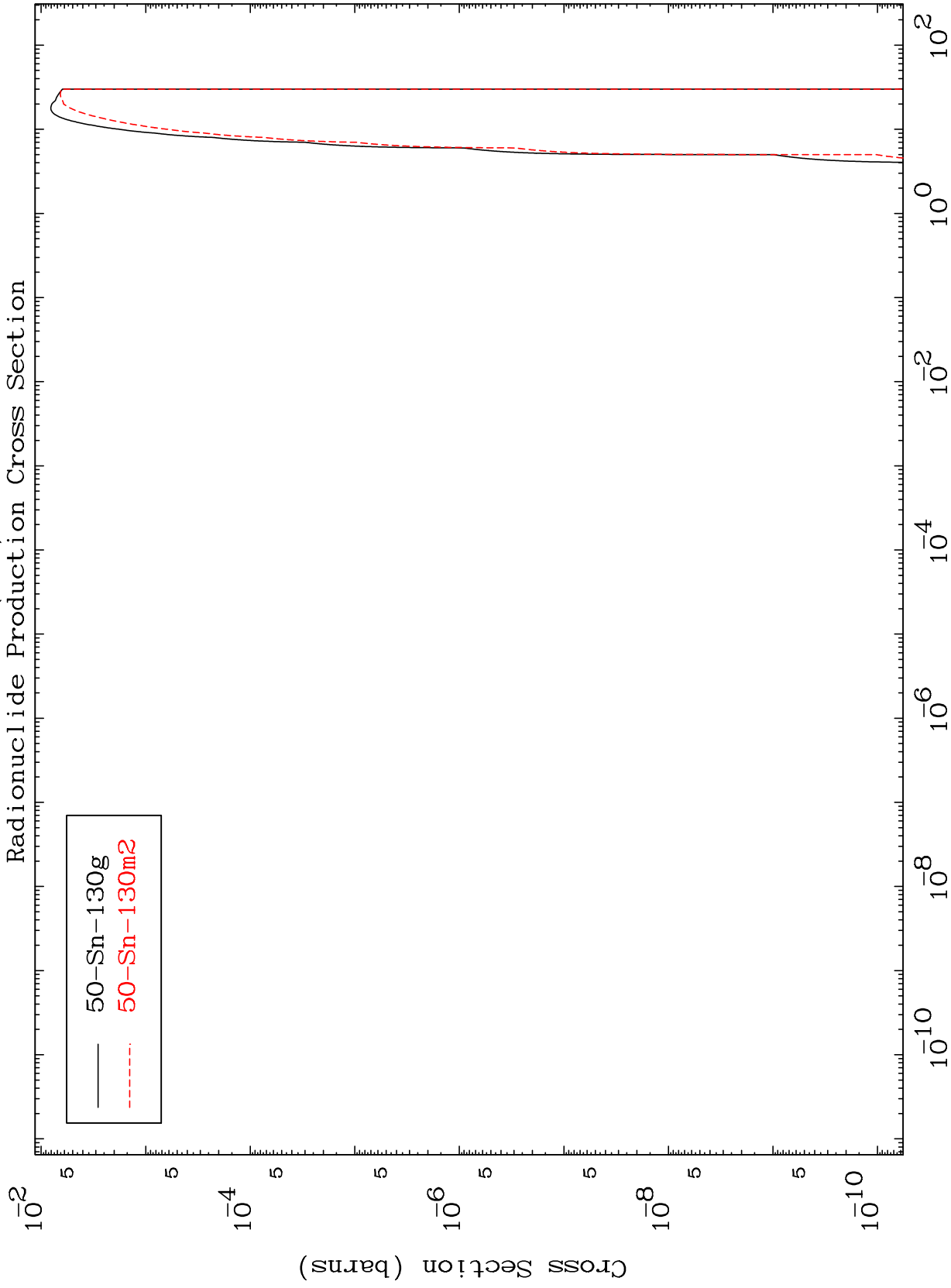
50-Sn-131

MAT 5083

(d, t)

Radionuclide Production Cross Section

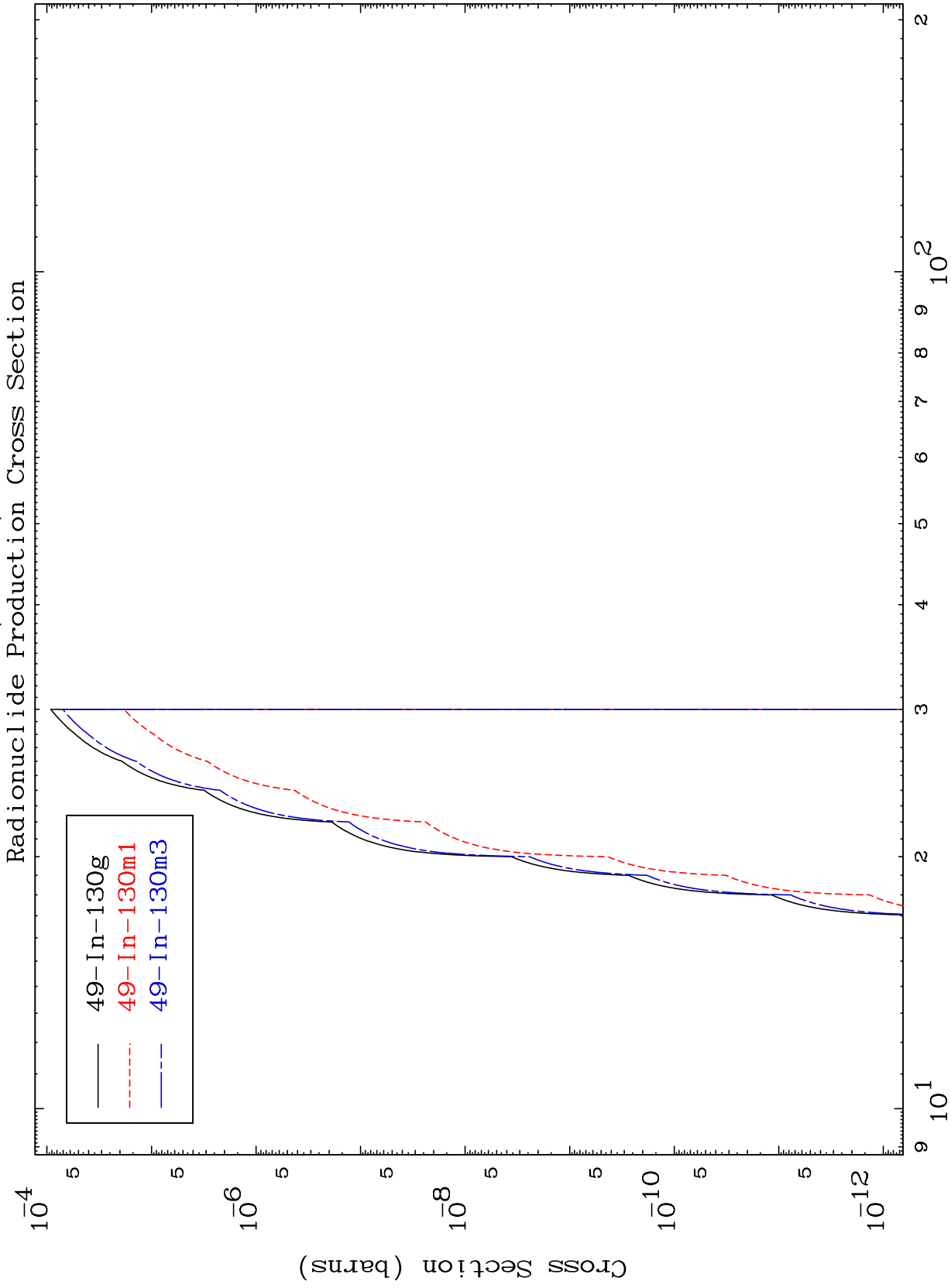
50-Sn-131



MAT 5083

(d,He-3)

50-Sn-131



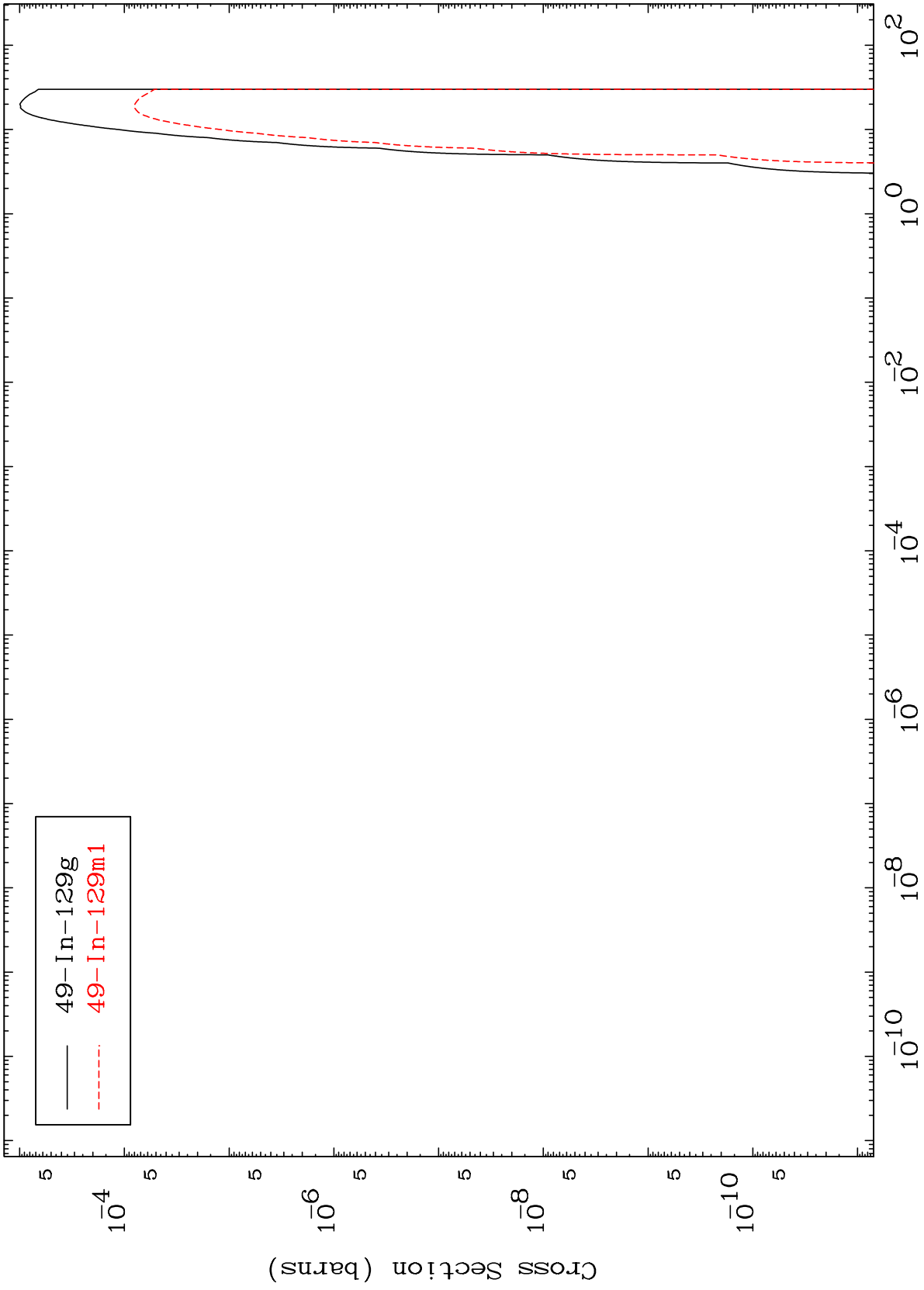
28

50-Sn-131

MAT 5083

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

50-Sn-131



29

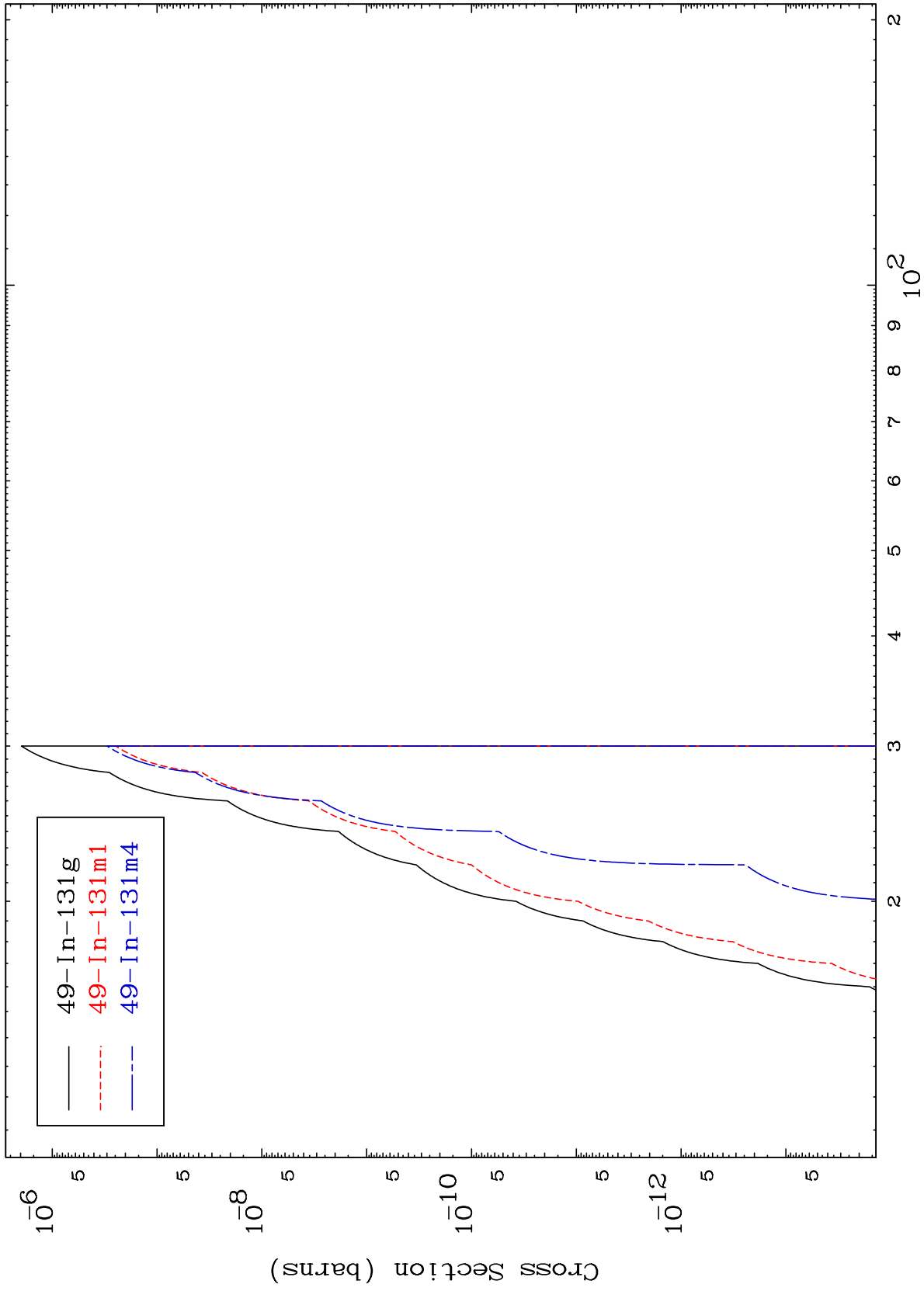
Incident Energy (MeV)

50-Sn-131

MAT 5083

50-Sn-131

Radionuclide Production Cross Section  
(d,2p)



30

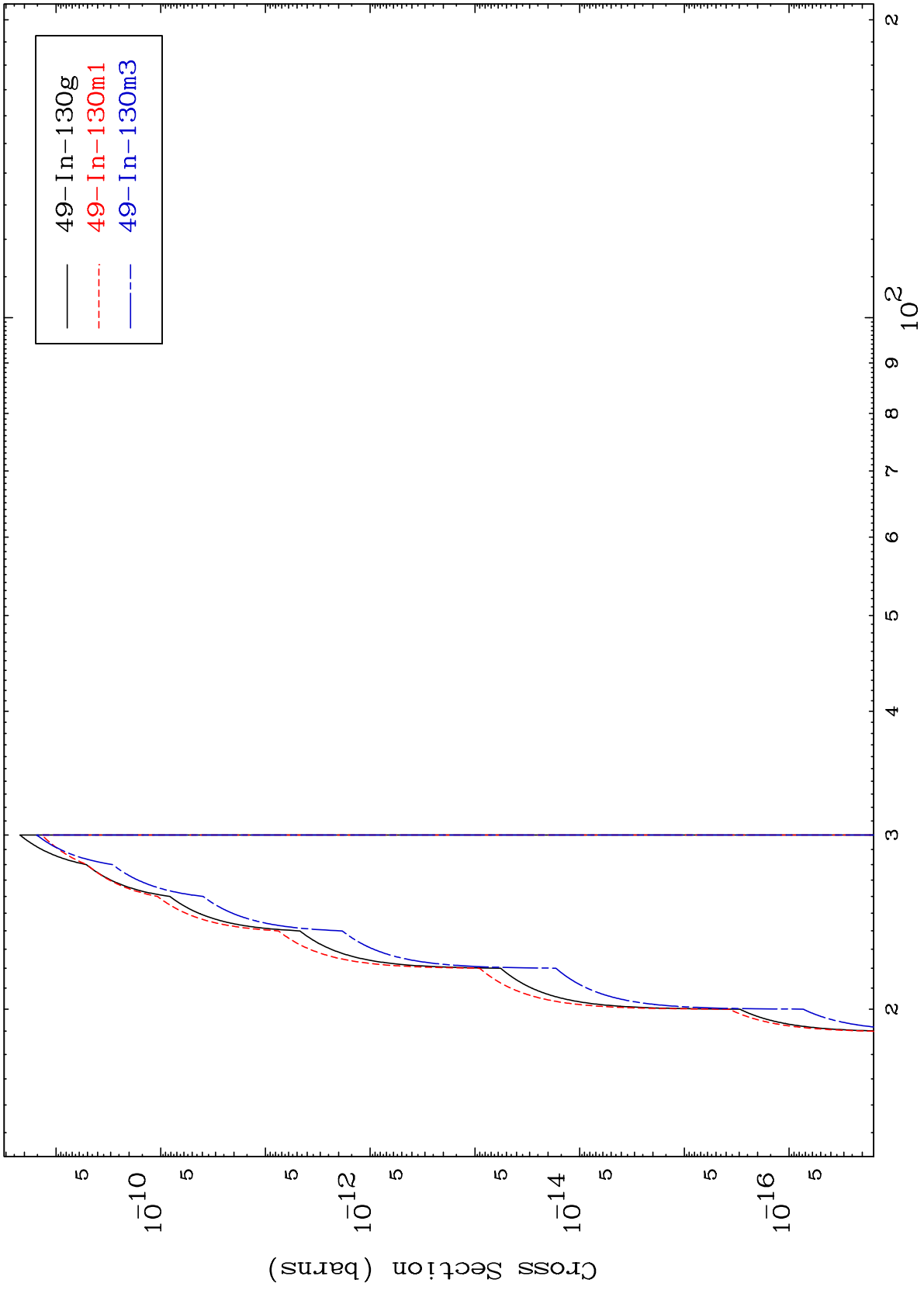
50-Sn-131

MAT 5083

(d,p) d

50-Sn-131

Radionuclide Production Cross Section



31

Incident Energy (MeV)

50-Sn-131

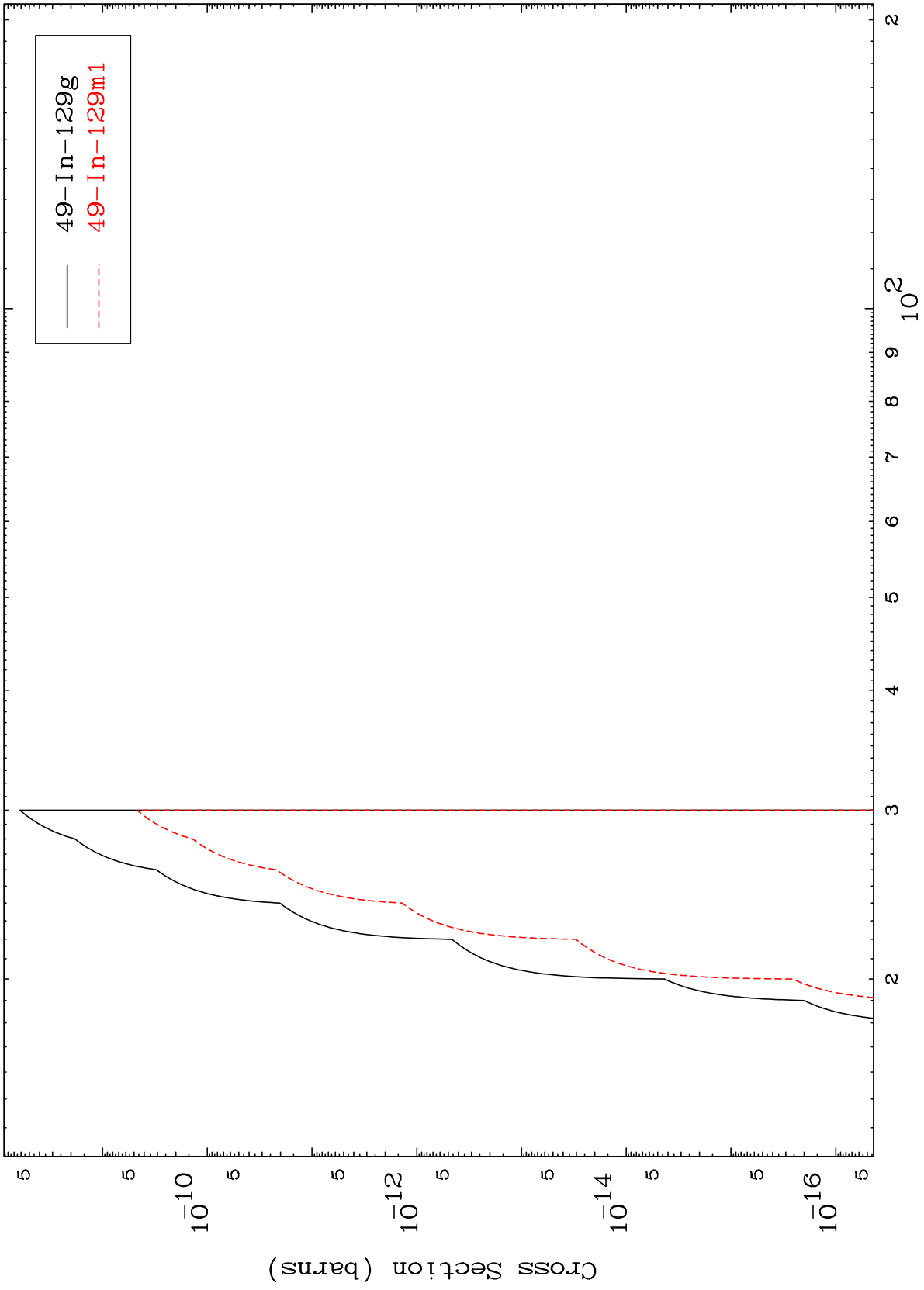


MAT 5083

(d,p) t

50-Sn-131

Radionuclide Production Cross Section



32

Incident Energy (MeV)

50-Sn-131