

Program EVALPLOT  
(Version 2021-1)

by

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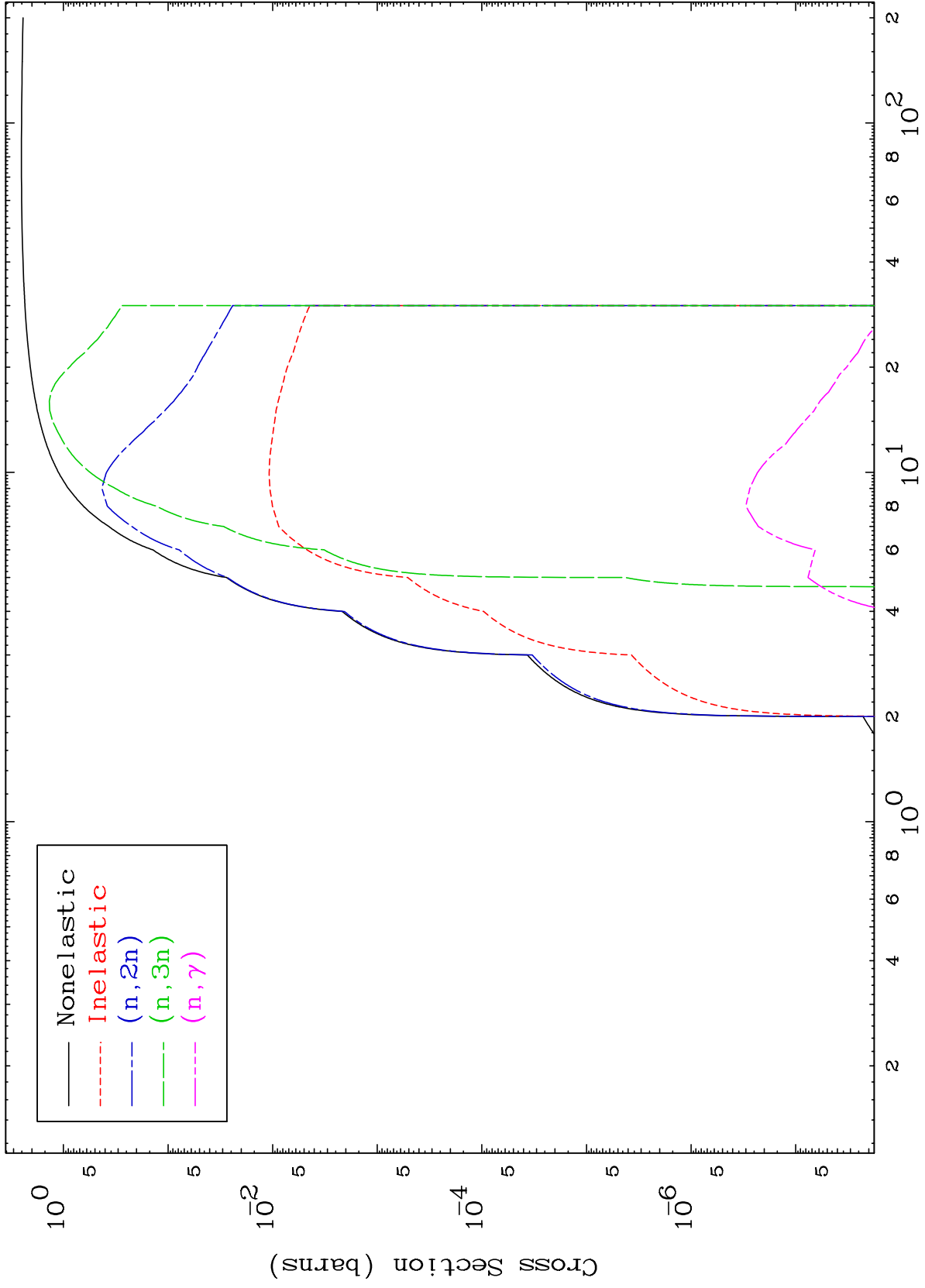
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5080

Deuteron Major  
0 Kelvin Cross Sections

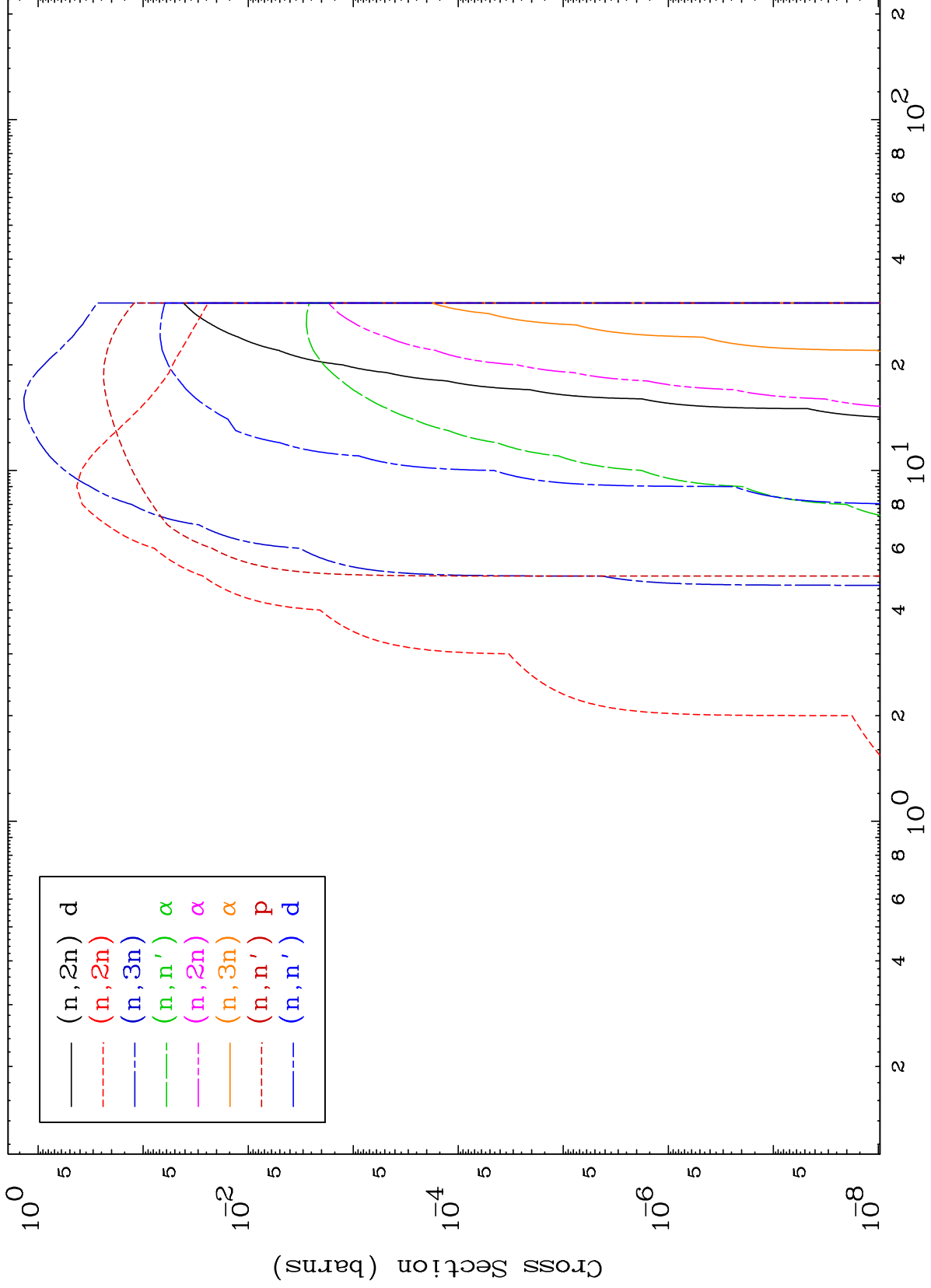
50-Sn-130m



MAT 5080

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

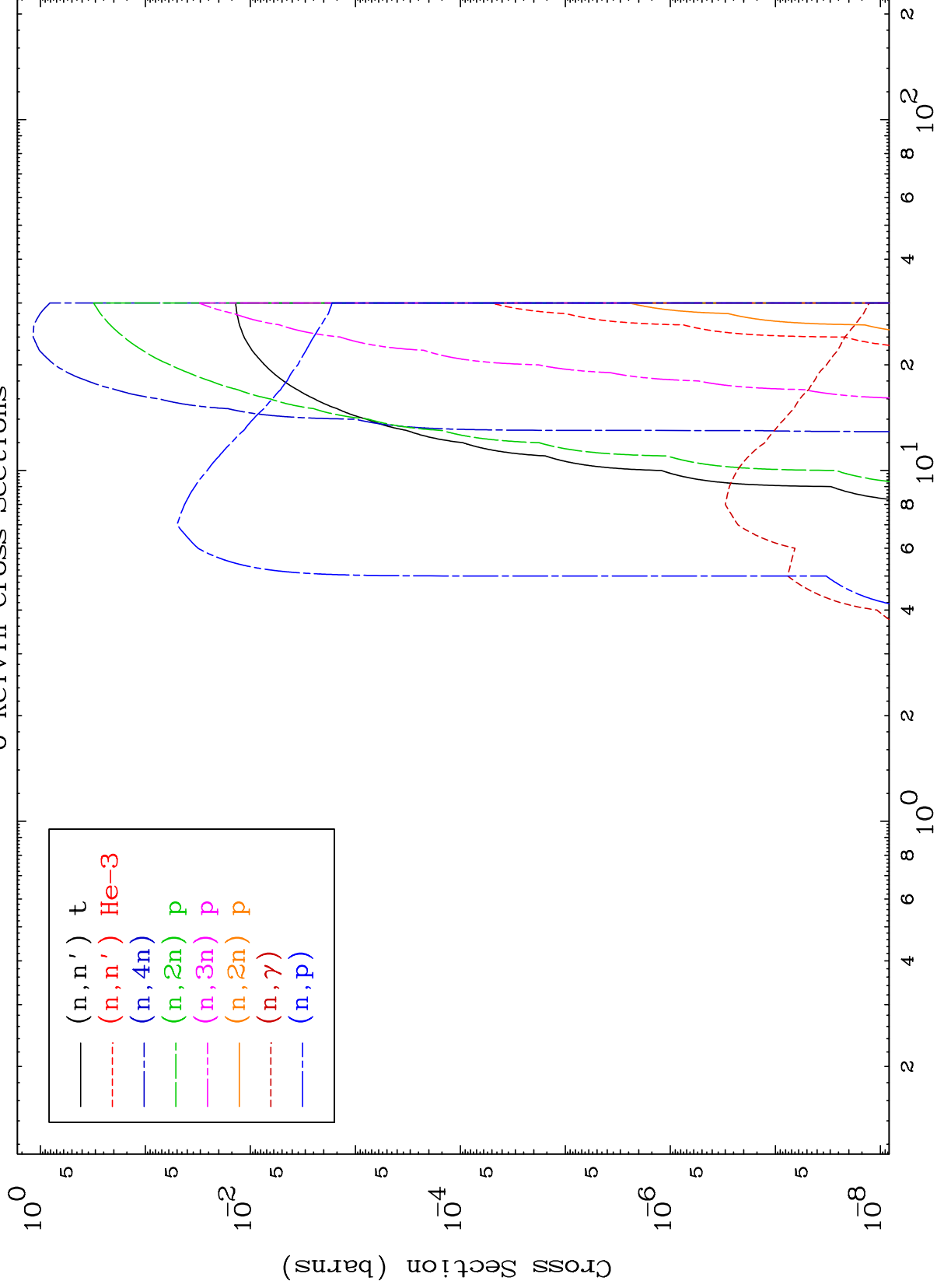
50-Sn-130m



MAT 5080

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

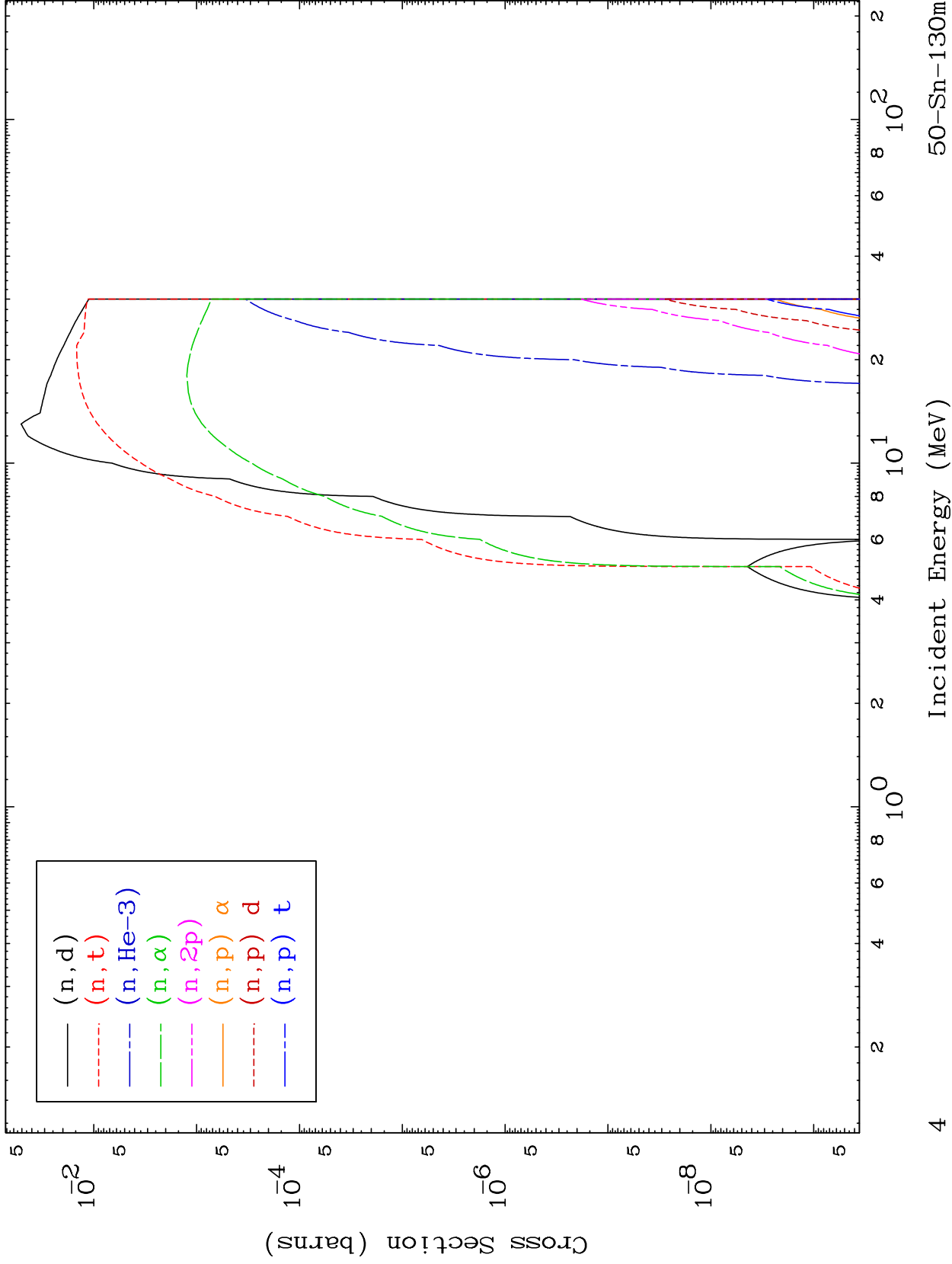
50-Sn-130m



MAT 5080

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

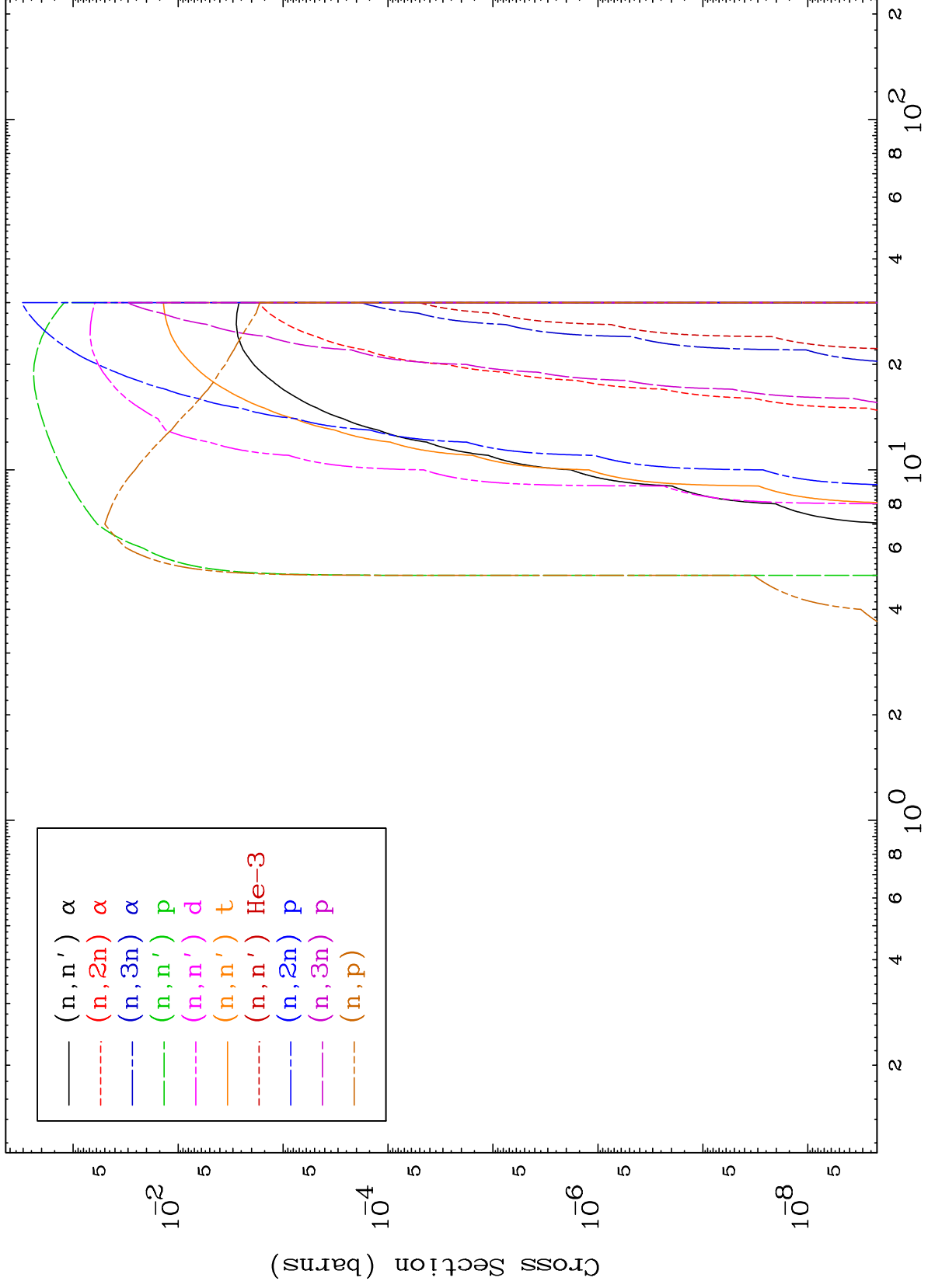
50-Sn-130m



MAT 5080

Deuteron Charged Particle  
0 Kelvin Cross Sections

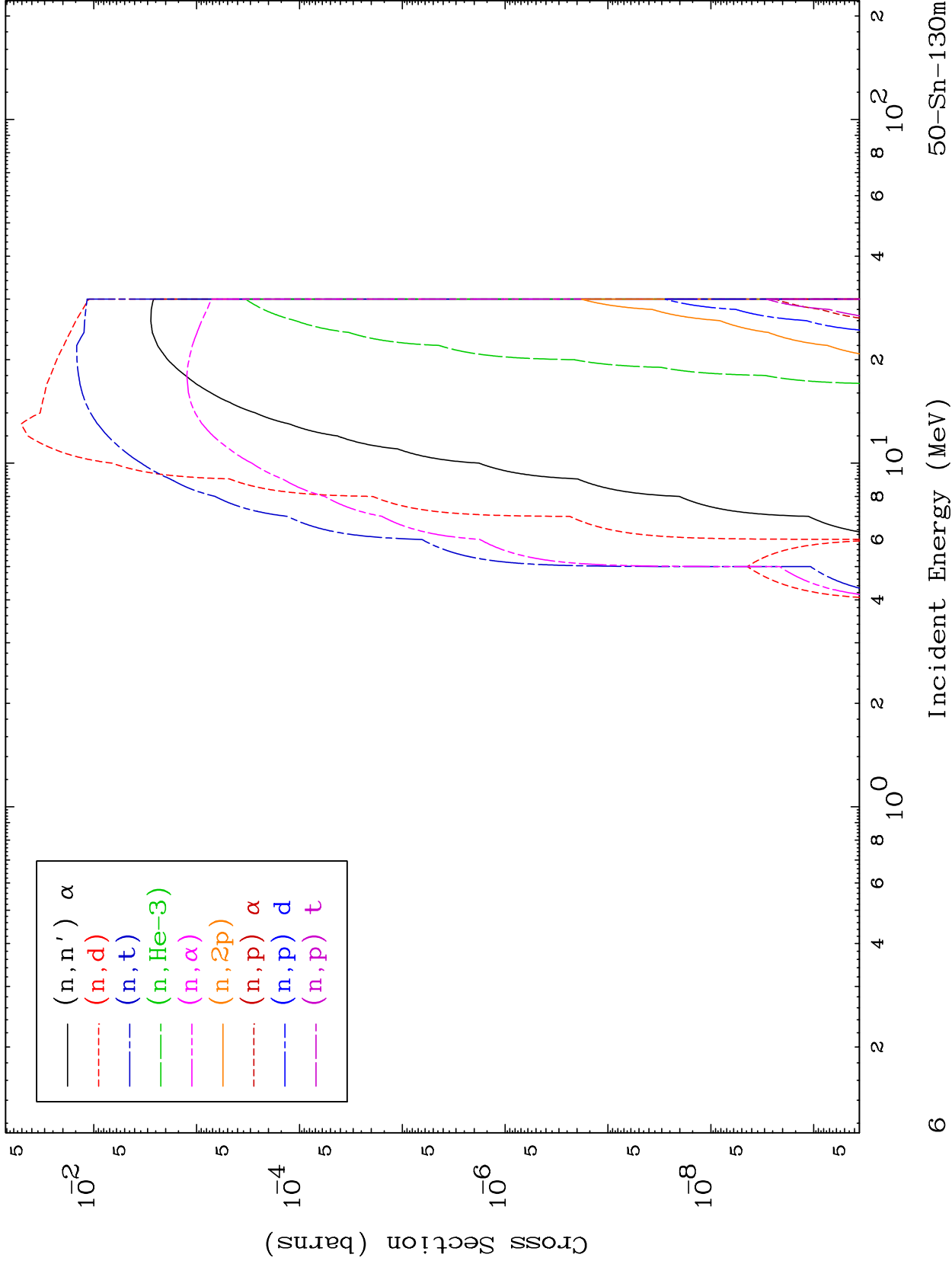
50-Sn-130m



MAT 5080

Deuteron Charged Particle  
0 Kelvin Cross Sections

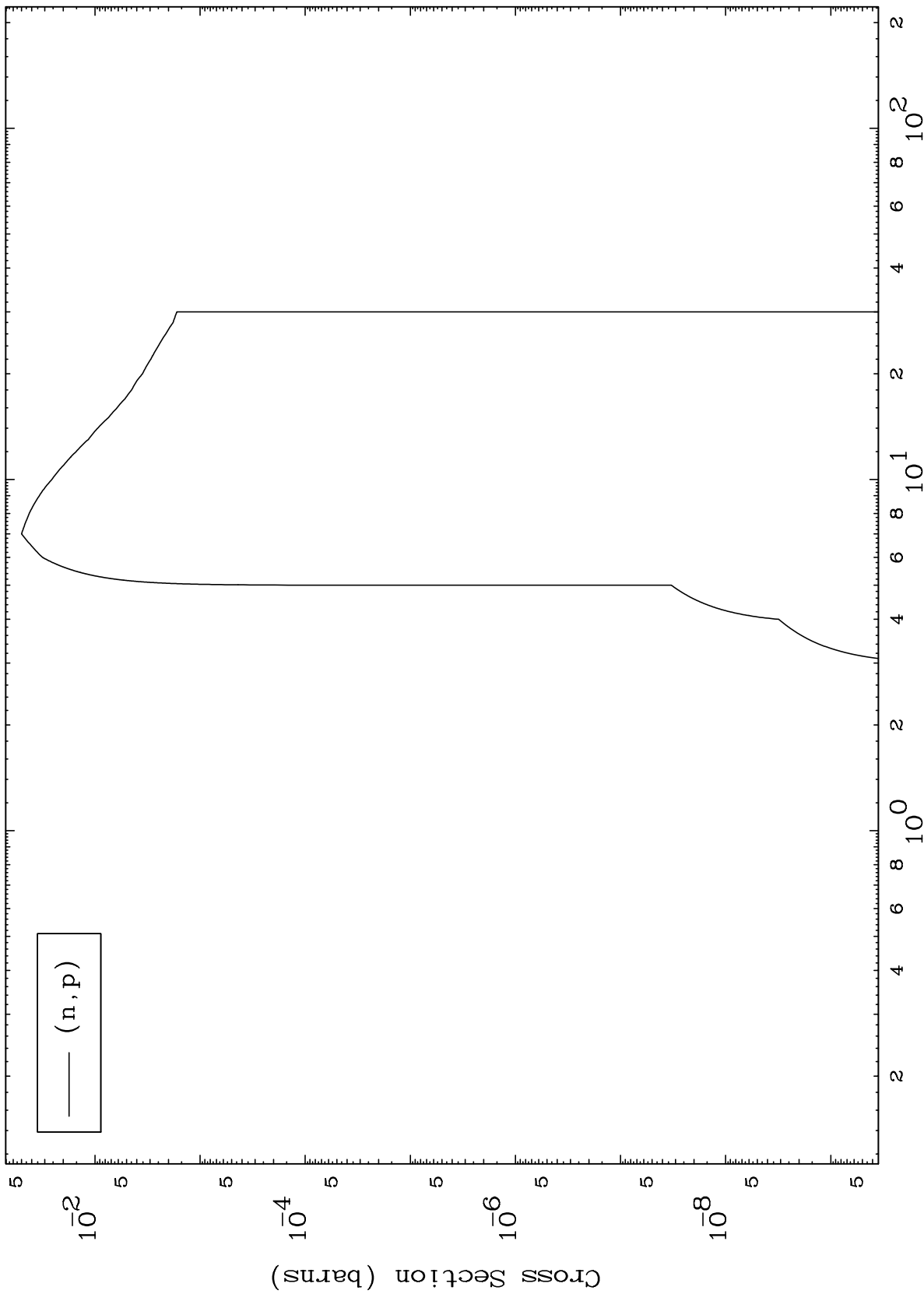
50-Sn-130m



MAT 5080

50-Sn-130m

(d,p) Levels  
0 Kelvin Cross Sections



50-Sn-130m

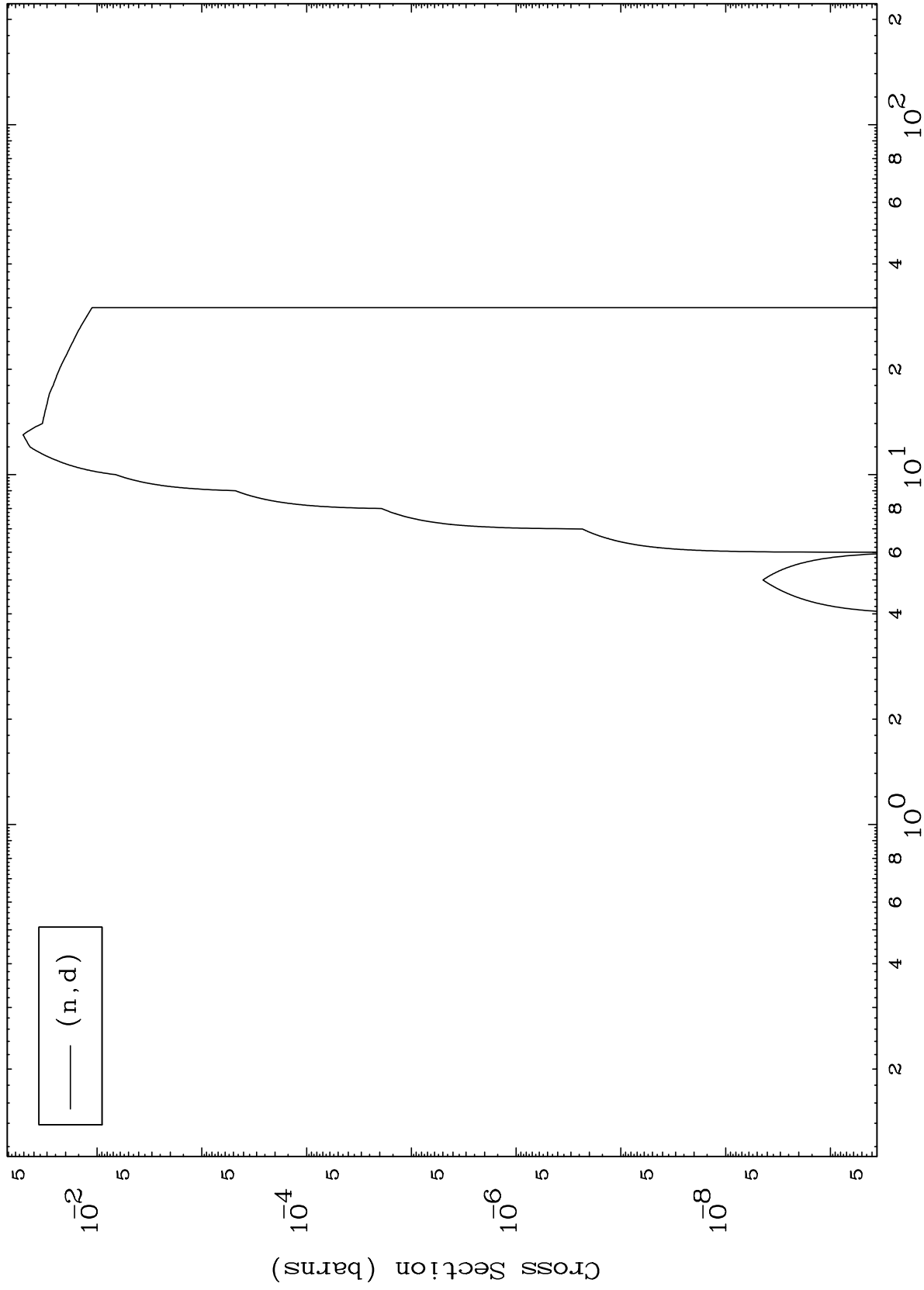
Incident Energy (MeV)



MAT 5080

50-Sn-130m

(d,d) Levels  
0 Kelvin Cross Sections

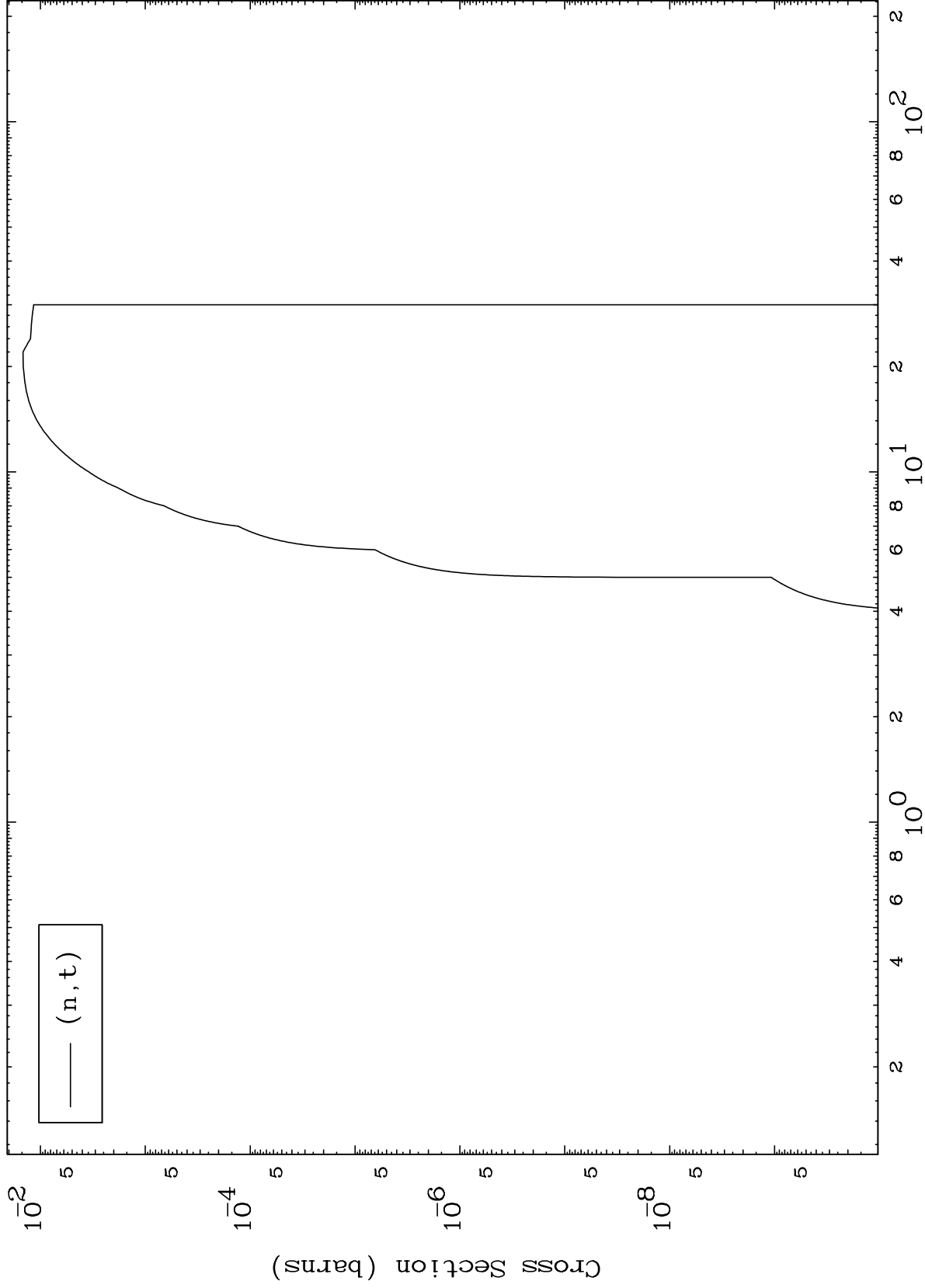


MAT 5080

(d, t) Levels

50-Sn-130m

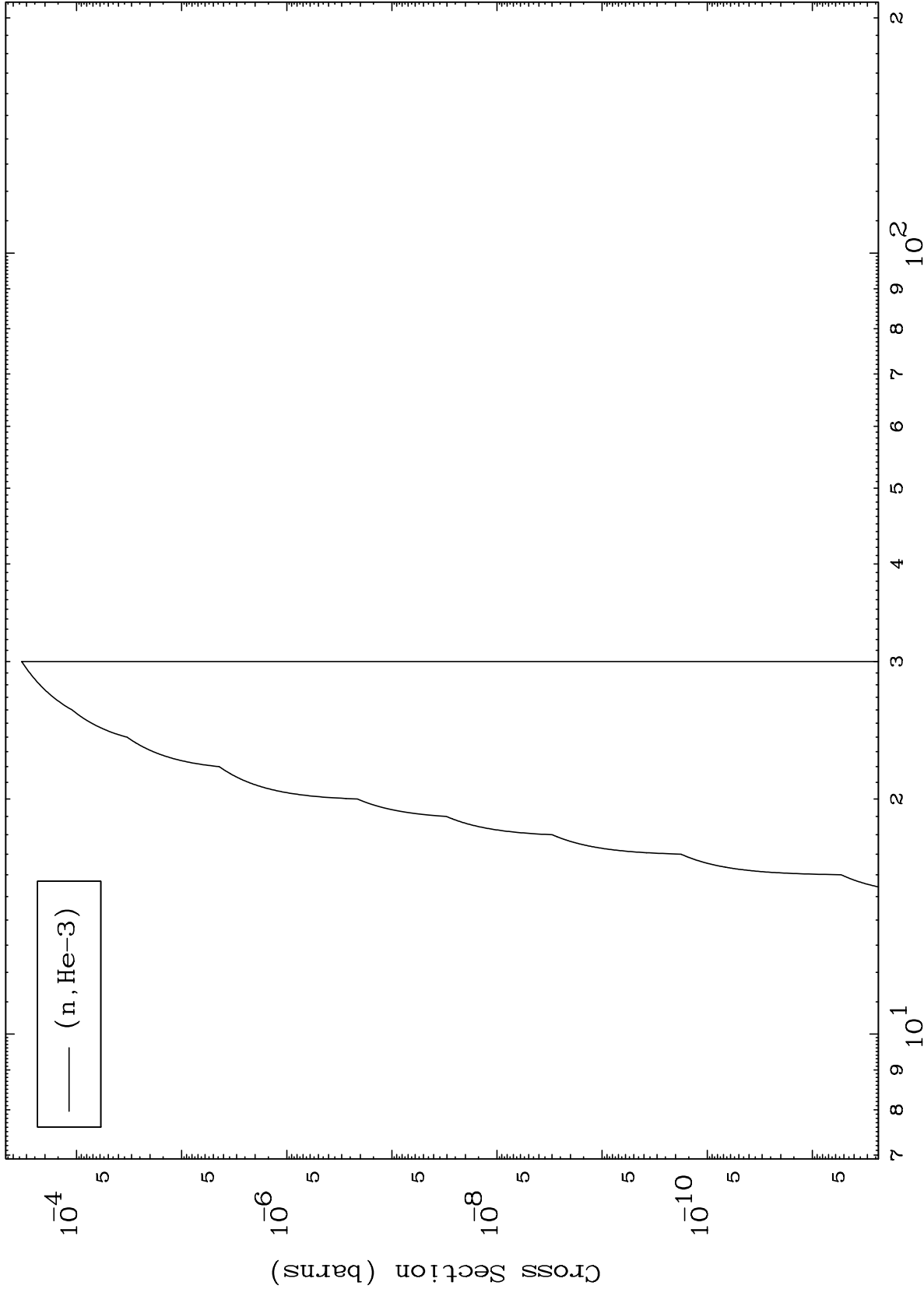
0 Kelvin Cross Sections



MAT 5080

(d,He3) Levels  
0 Kelvin Cross Sections

50-Sn-130m



10

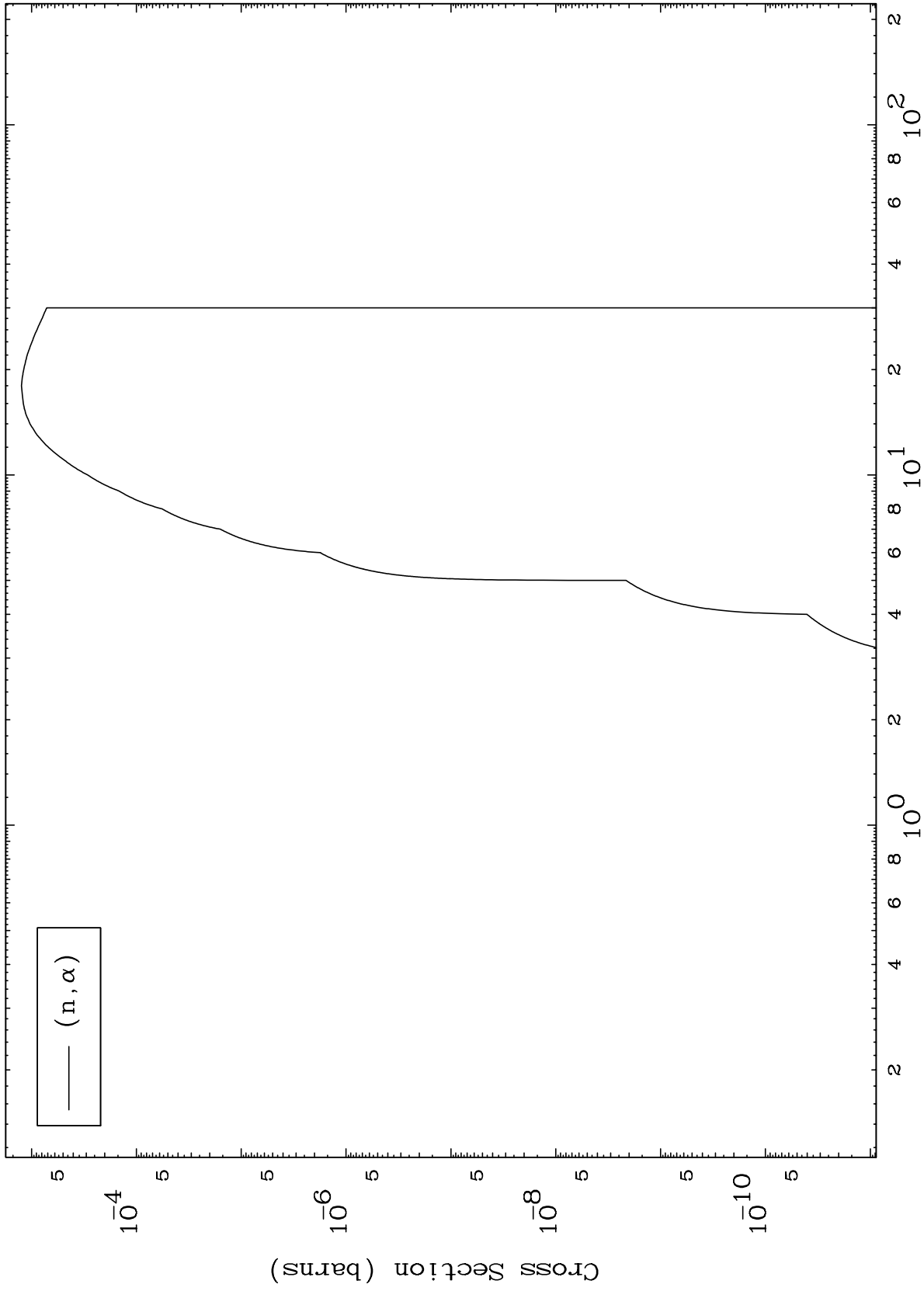
Incident Energy (MeV)

50-Sn-130m

MAT 5080

50-Sn-130m

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

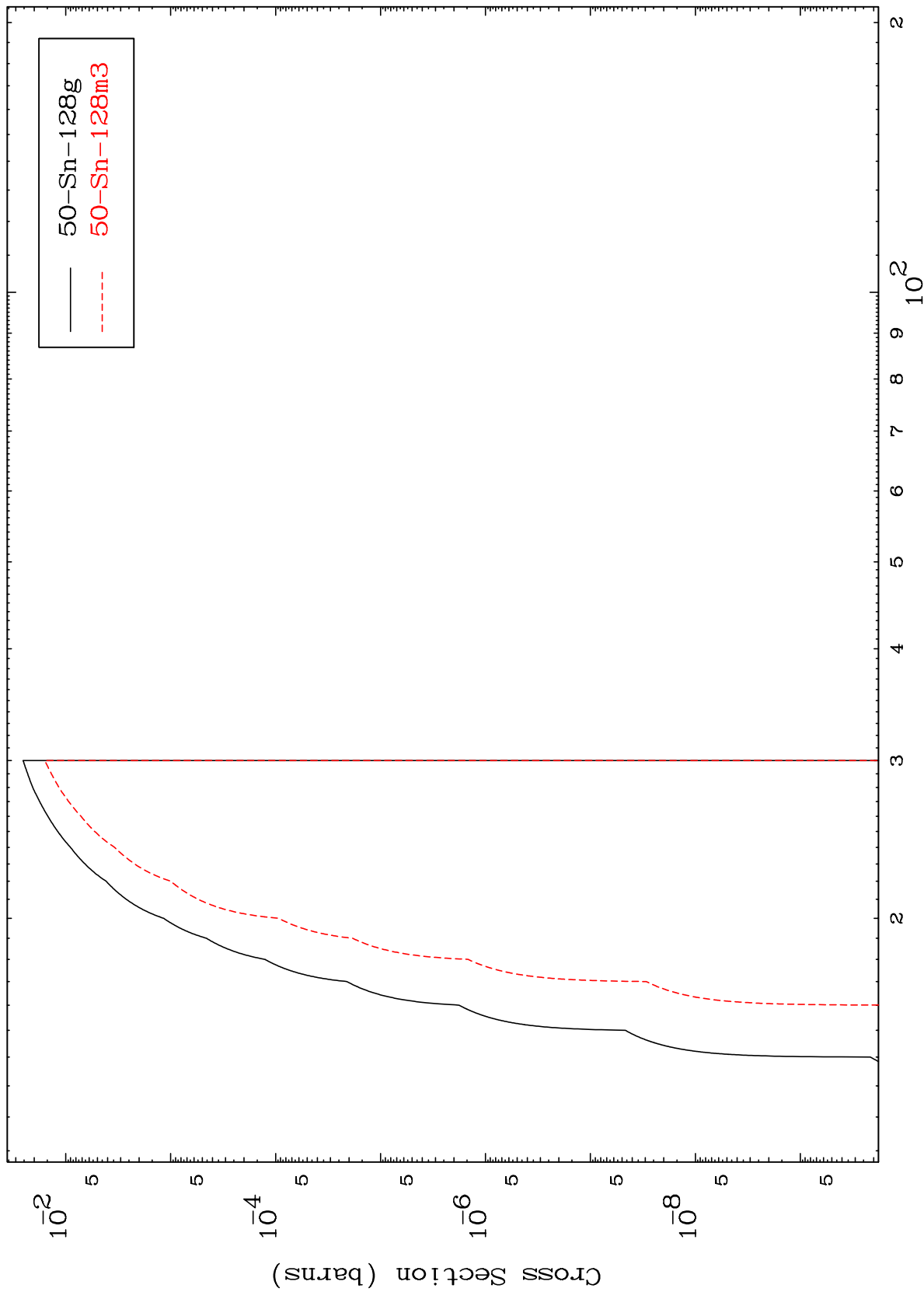


MAT 5080

(n,2n) d

50-Sn-130m

Radionuclide Production Cross Section



12

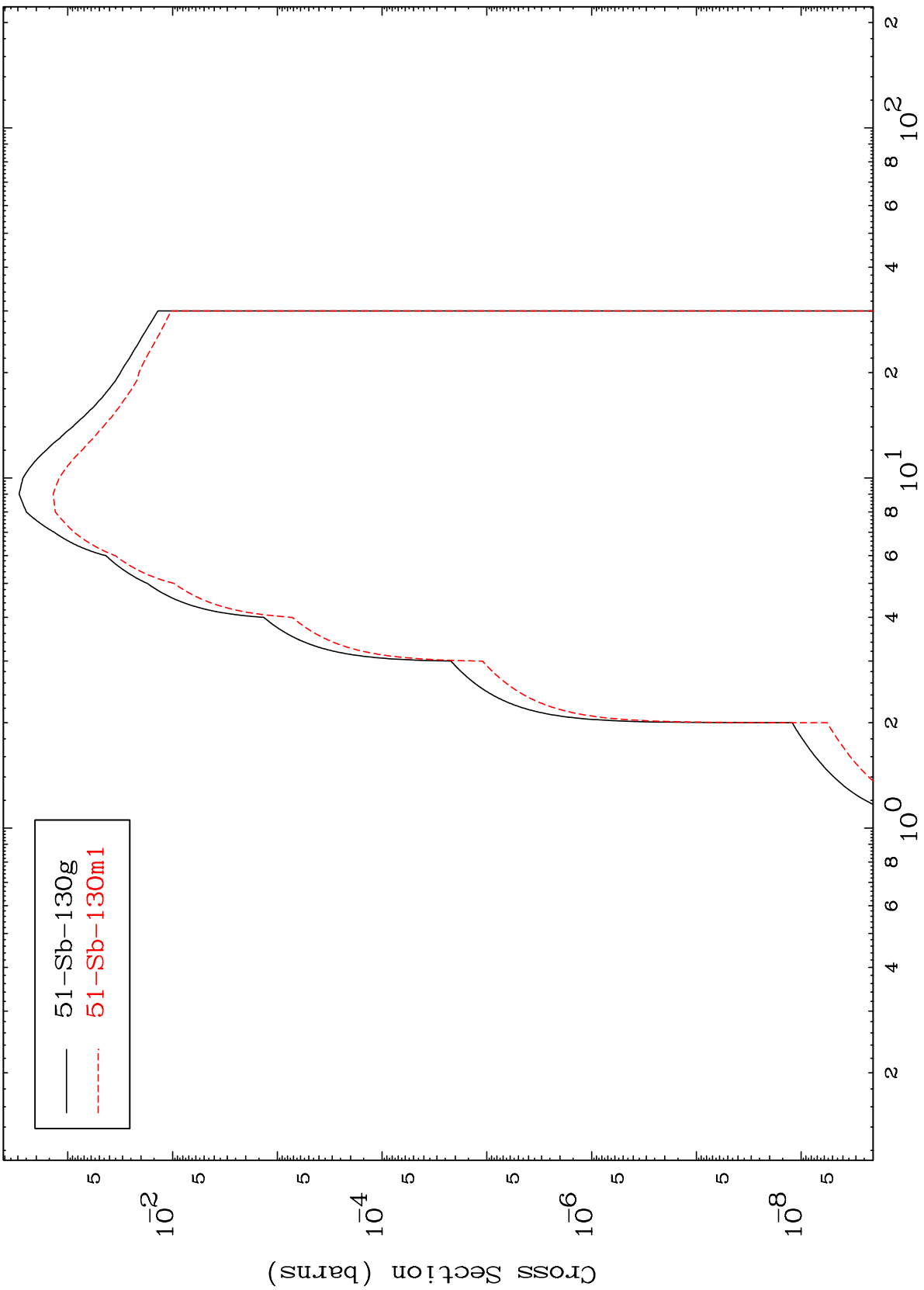
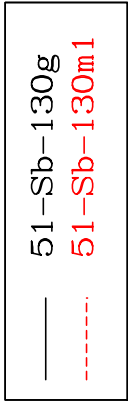
Incident Energy (MeV)

50-Sn-130m

MAT 5080

50-Sn-130m

Radionuclide Production Cross Section



50-Sn-130m

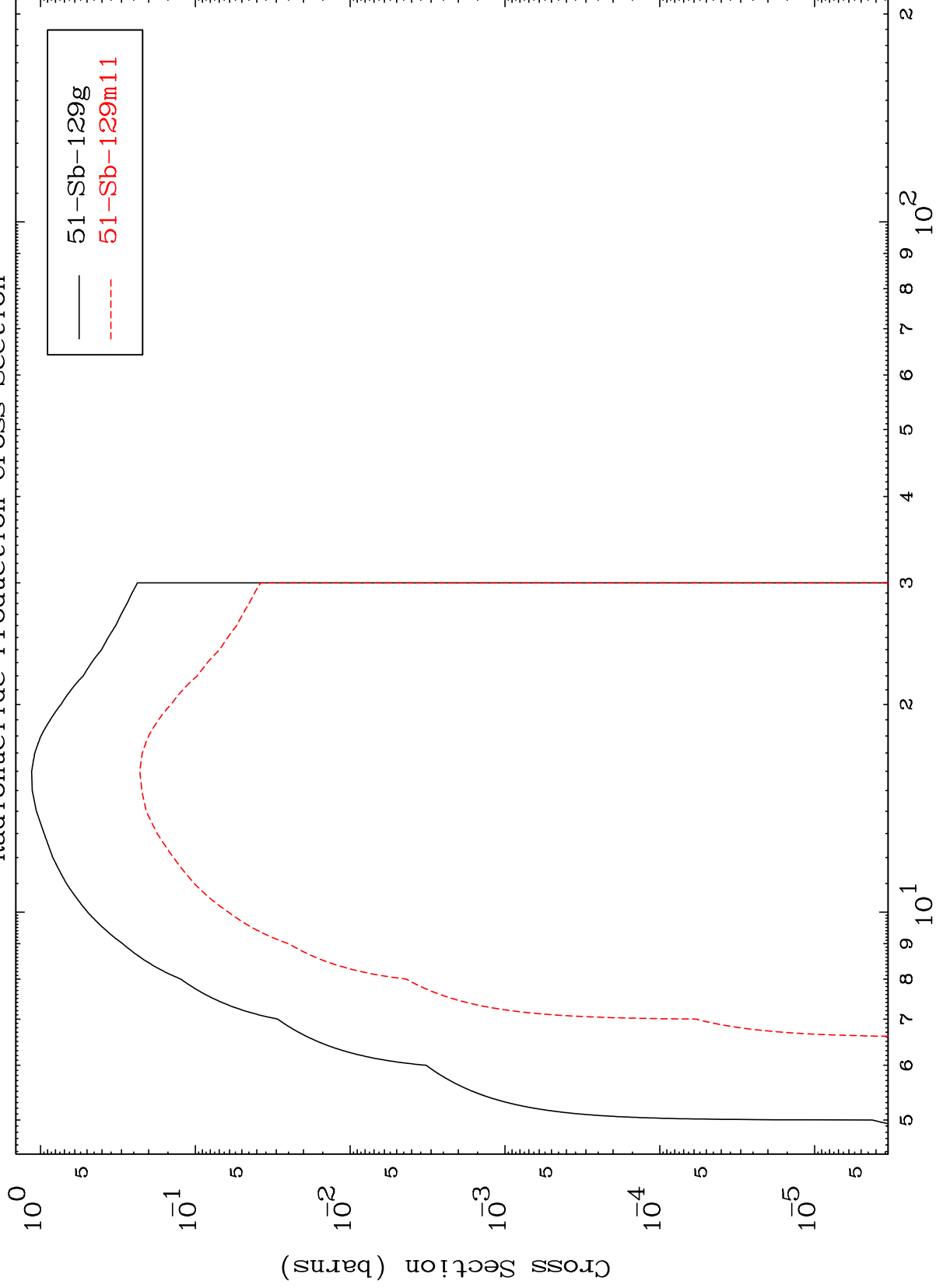
Incident Energy (MeV)

MAT 5080

(n, 3n)

50-Sn-130m

Radionuclide Production Cross Section



Incident Energy (MeV)

50-Sn-130m

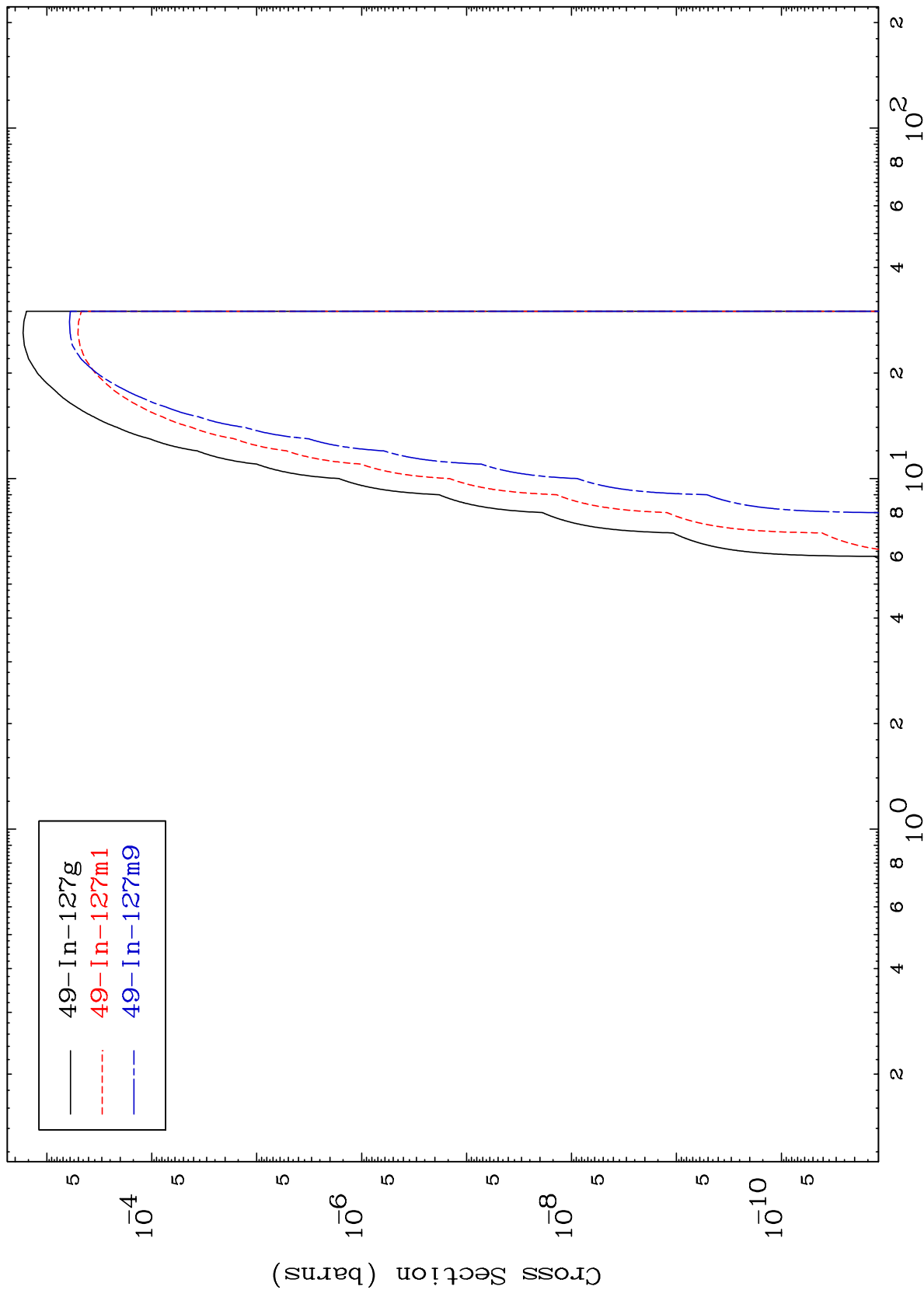
14

MAT 5080

$(n, n') \alpha$

50-Sn-130m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

50-Sn-130m

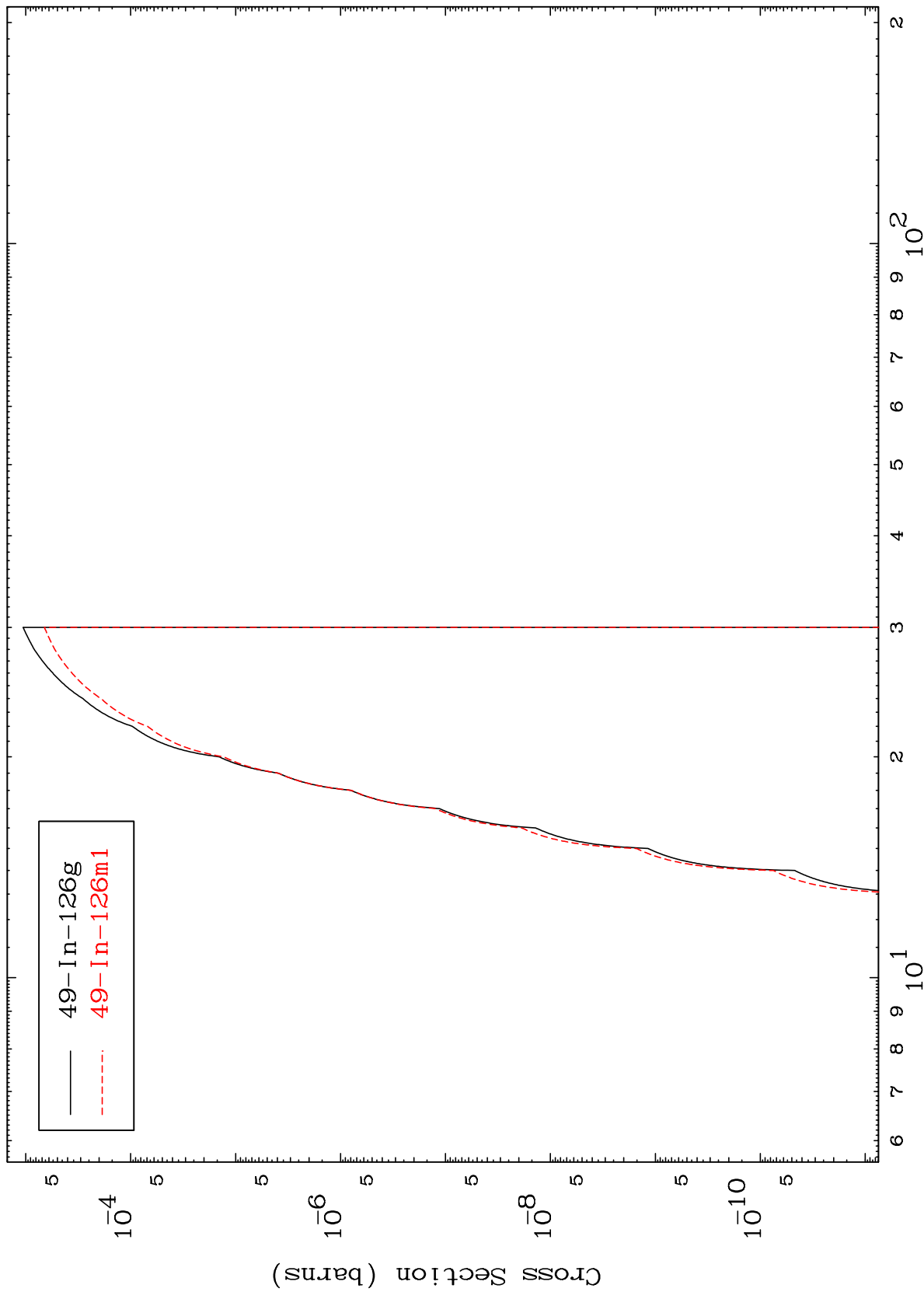


MAT 5080

50-Sn-130m

(n,2n)  $\alpha$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

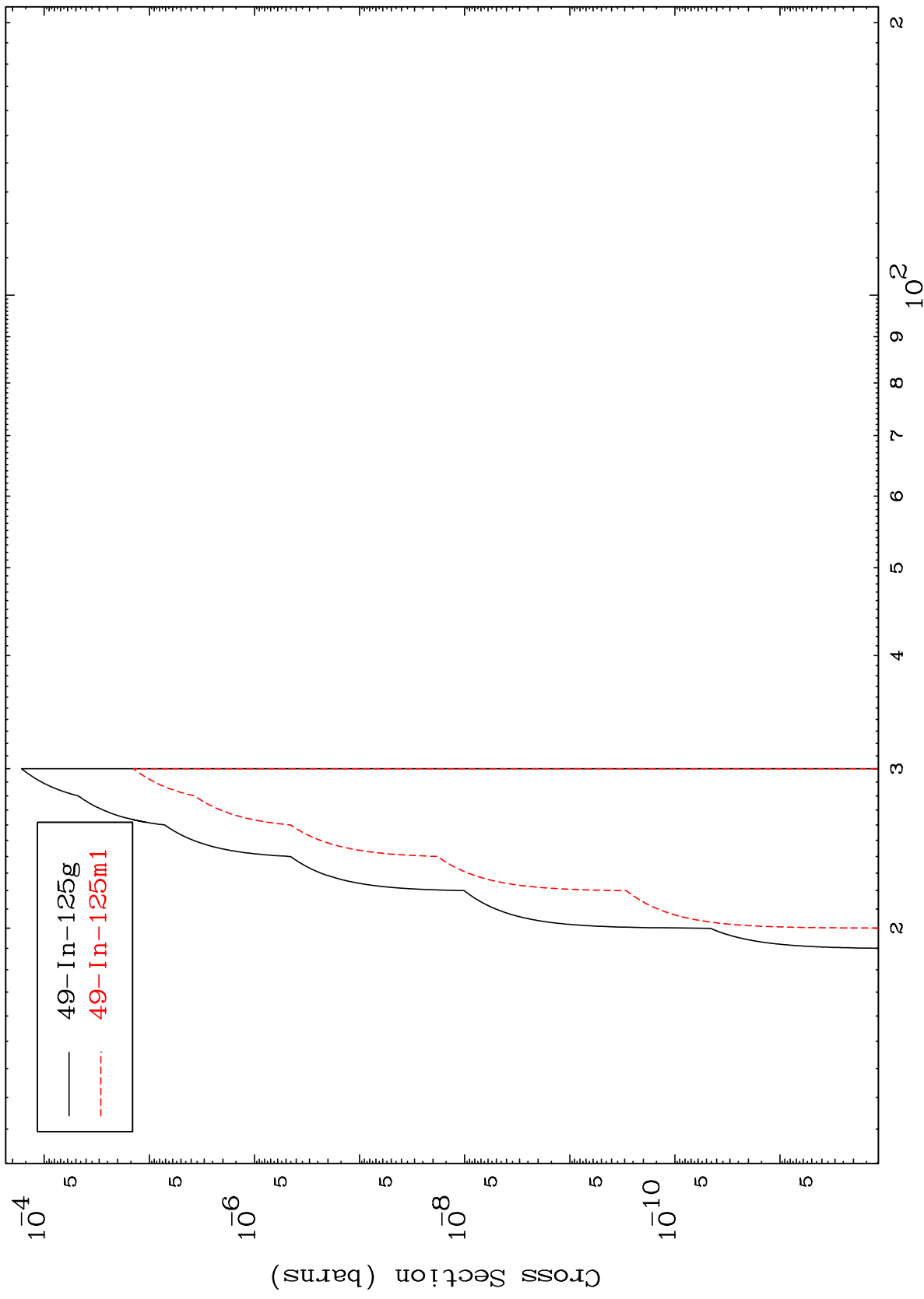
50-Sn-130m

MAT 5080

50-Sn-130m

(n,3n)  $\alpha$

Radionuclide Production Cross Section



50-Sn-130m

Incident Energy (MeV)

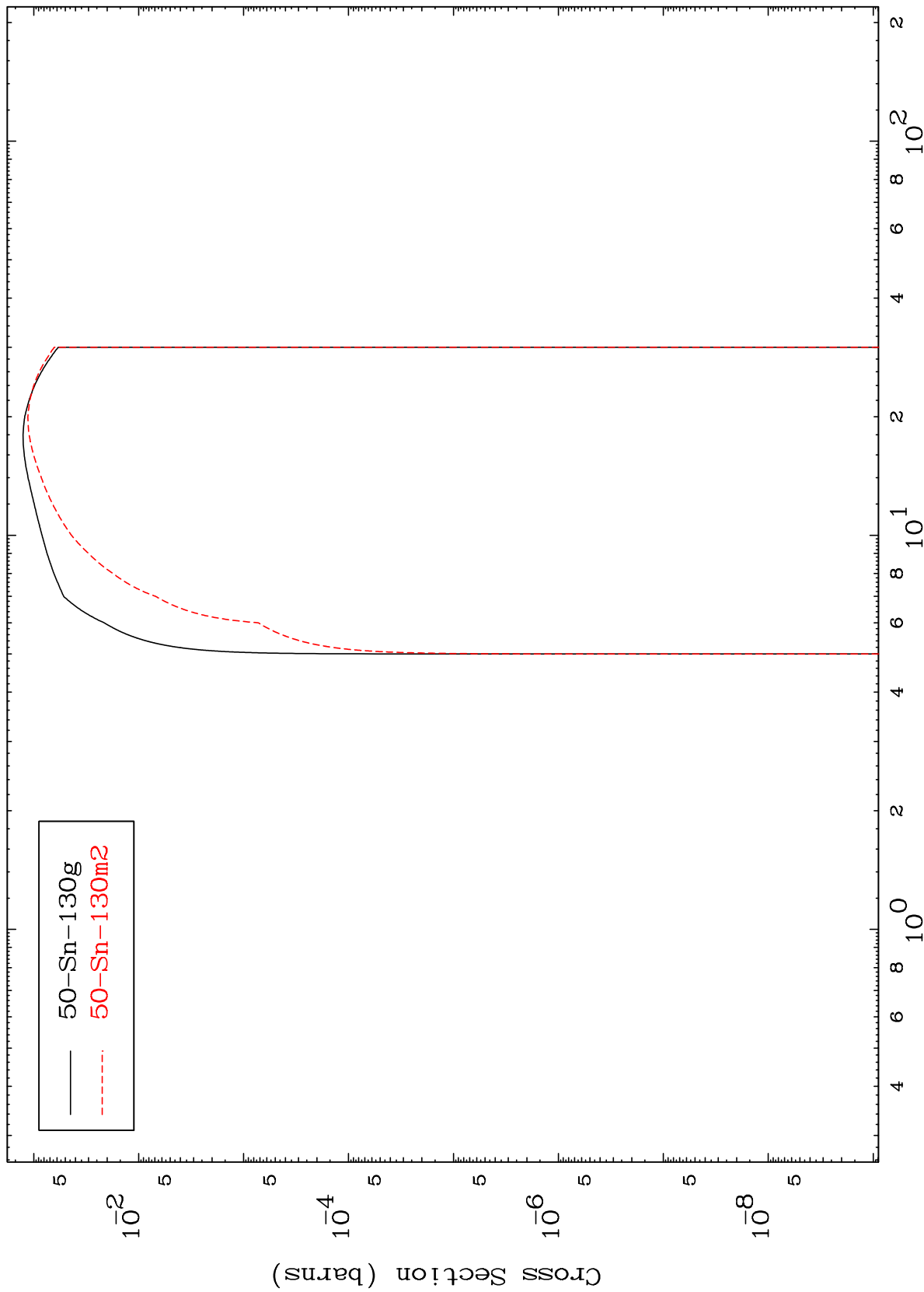
17

MAT 5080

(n,n') p

50-Sn-130m

Radionuclide Production Cross Section

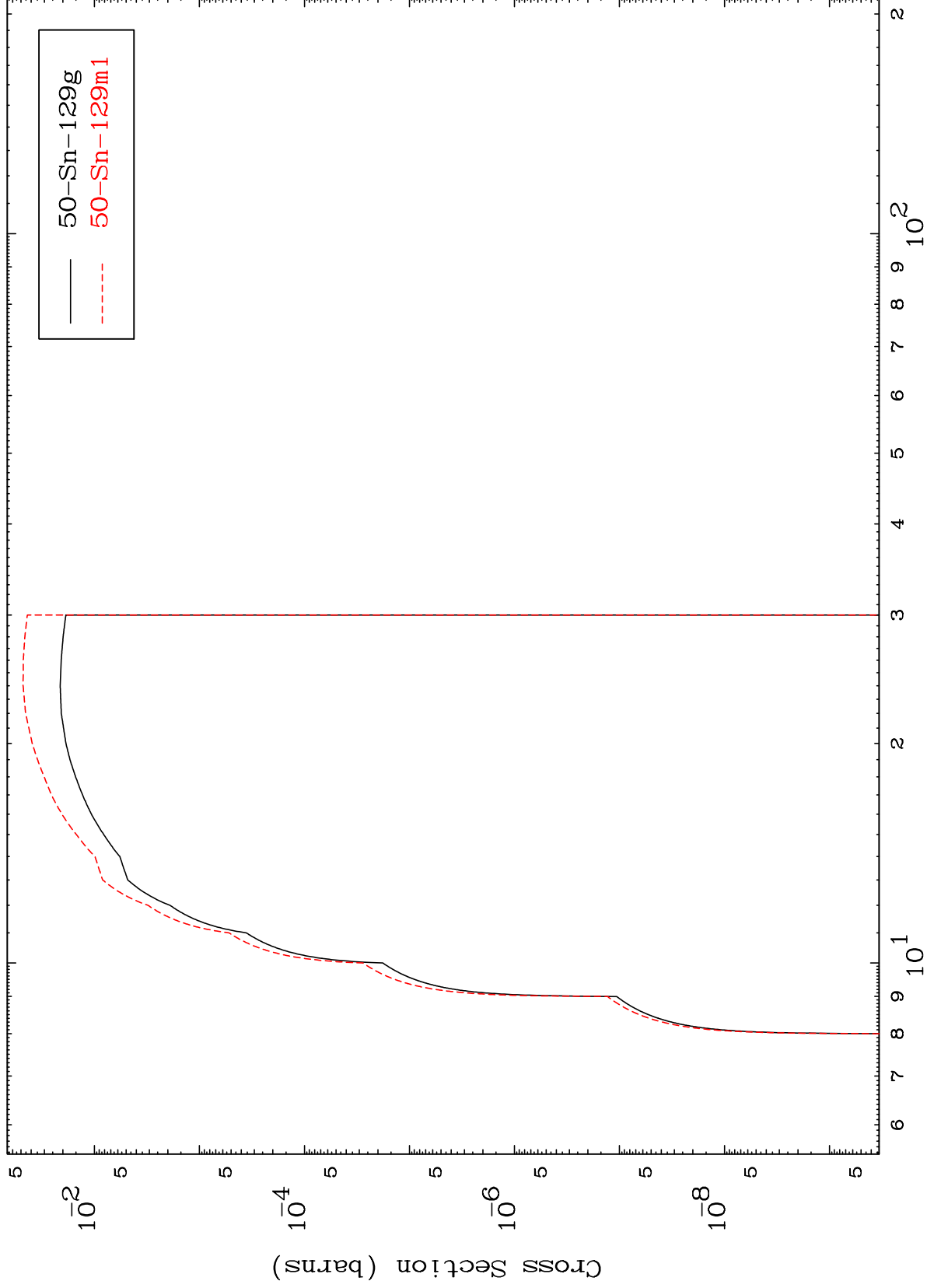


MAT 5080

(n,n') d

50-Sn-130m

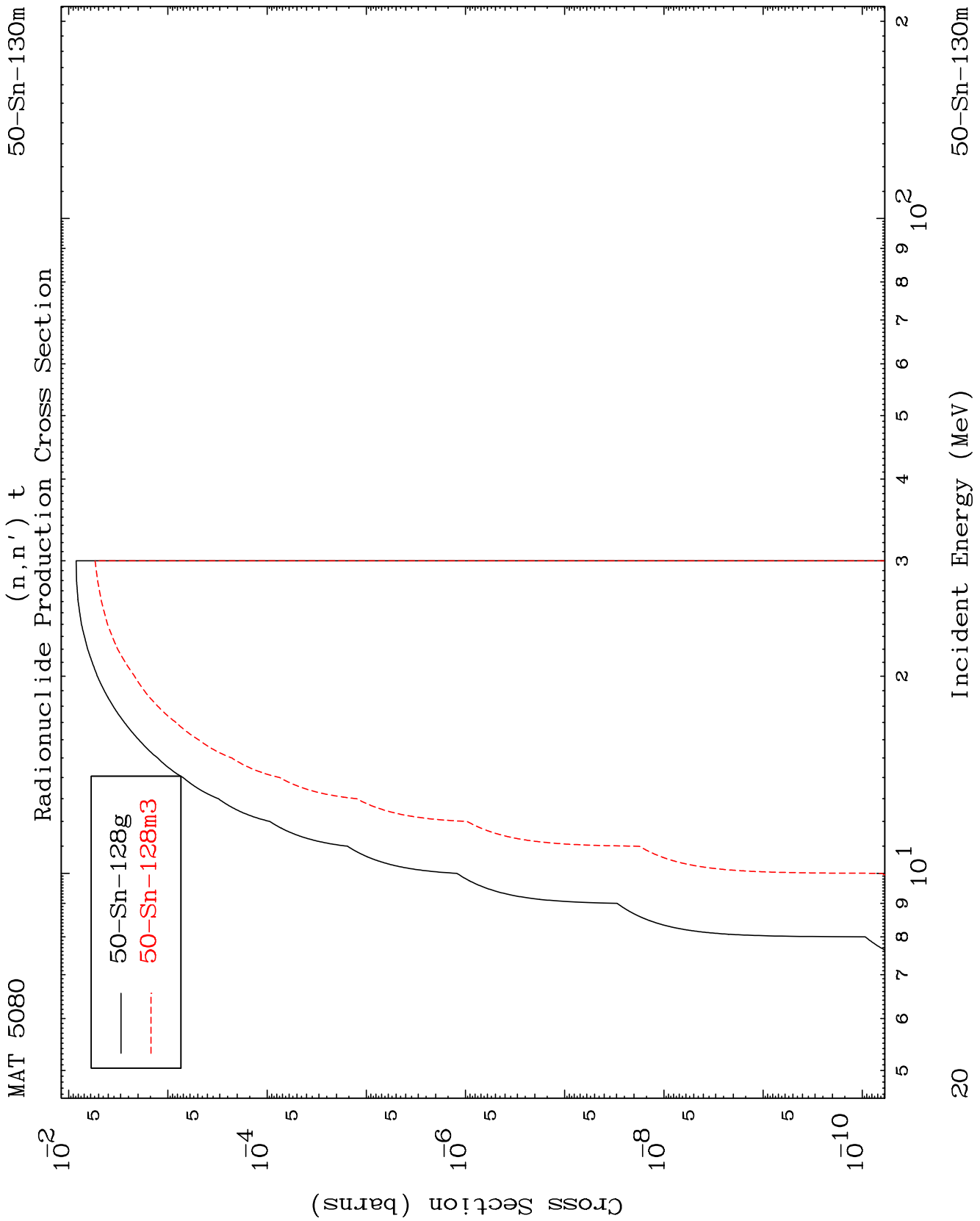
Radionuclide Production Cross Section



19

Incident Energy (MeV)

50-Sn-130m

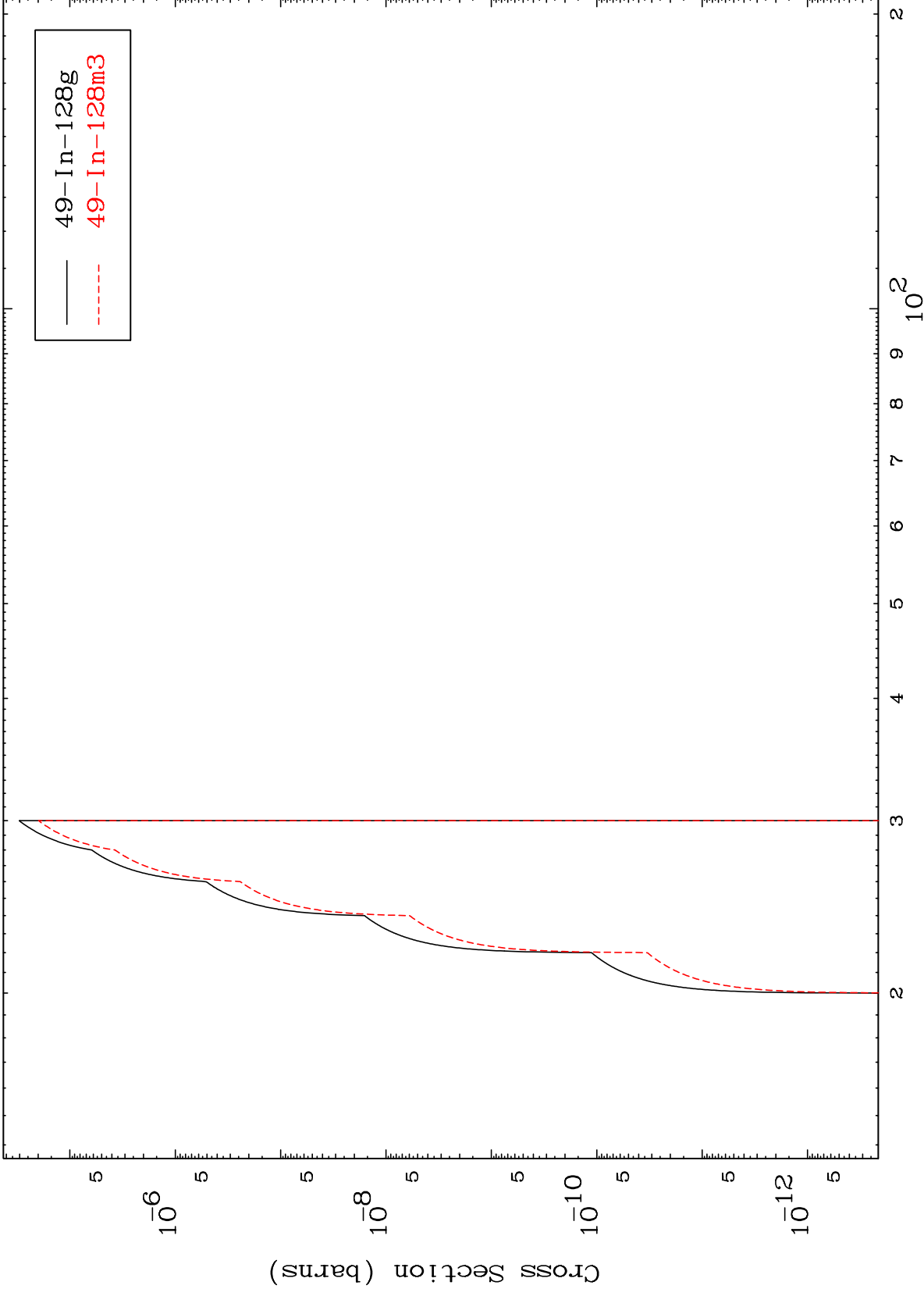


MAT 5080

(n,n') He-3

50-Sn-130m

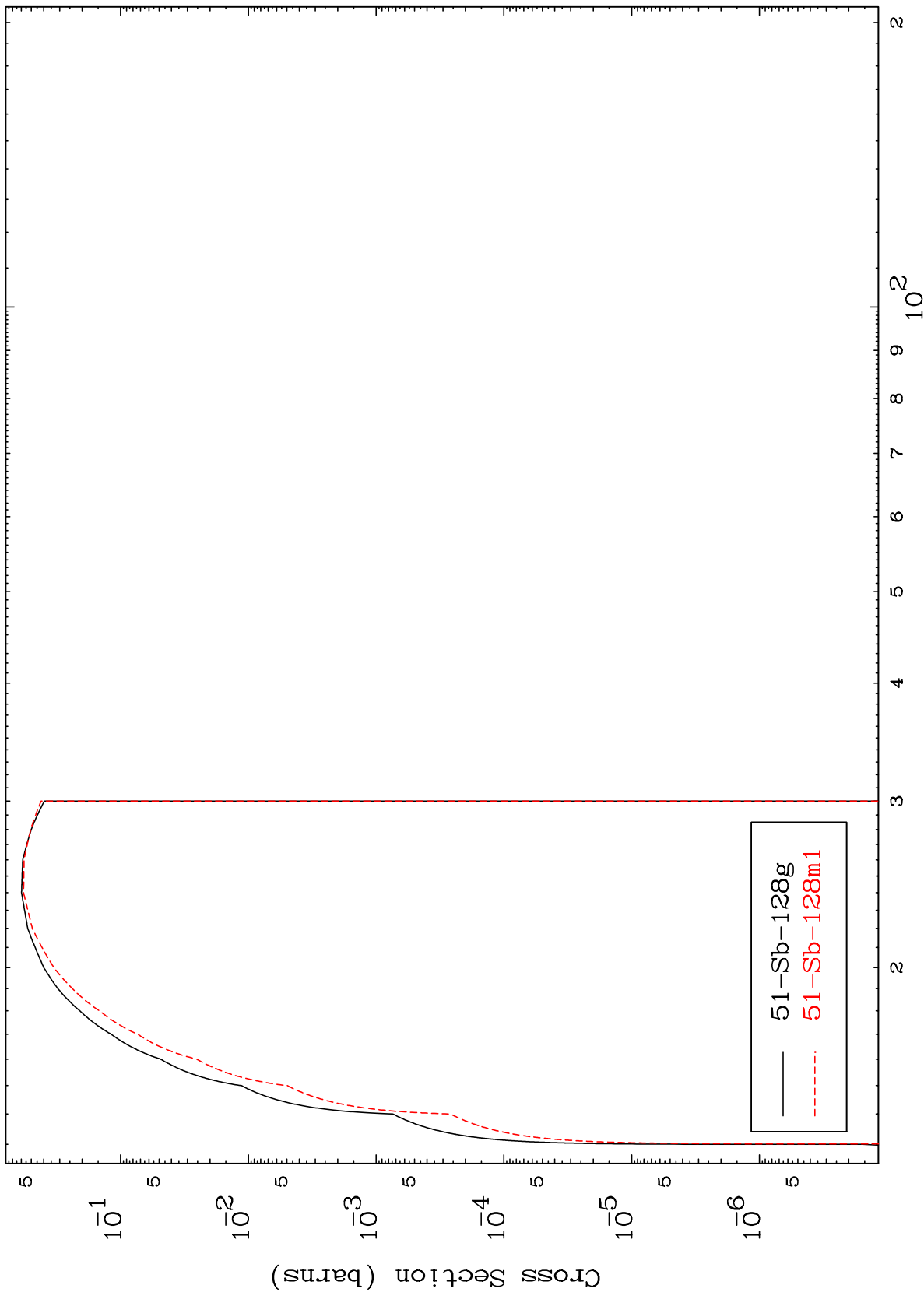
Radionuclide Production Cross Section



MAT 5080

50-Sn-130m

Radionuclide Production Cross Section  
(n,4n)



50-Sn-130m

Incident Energy (MeV)

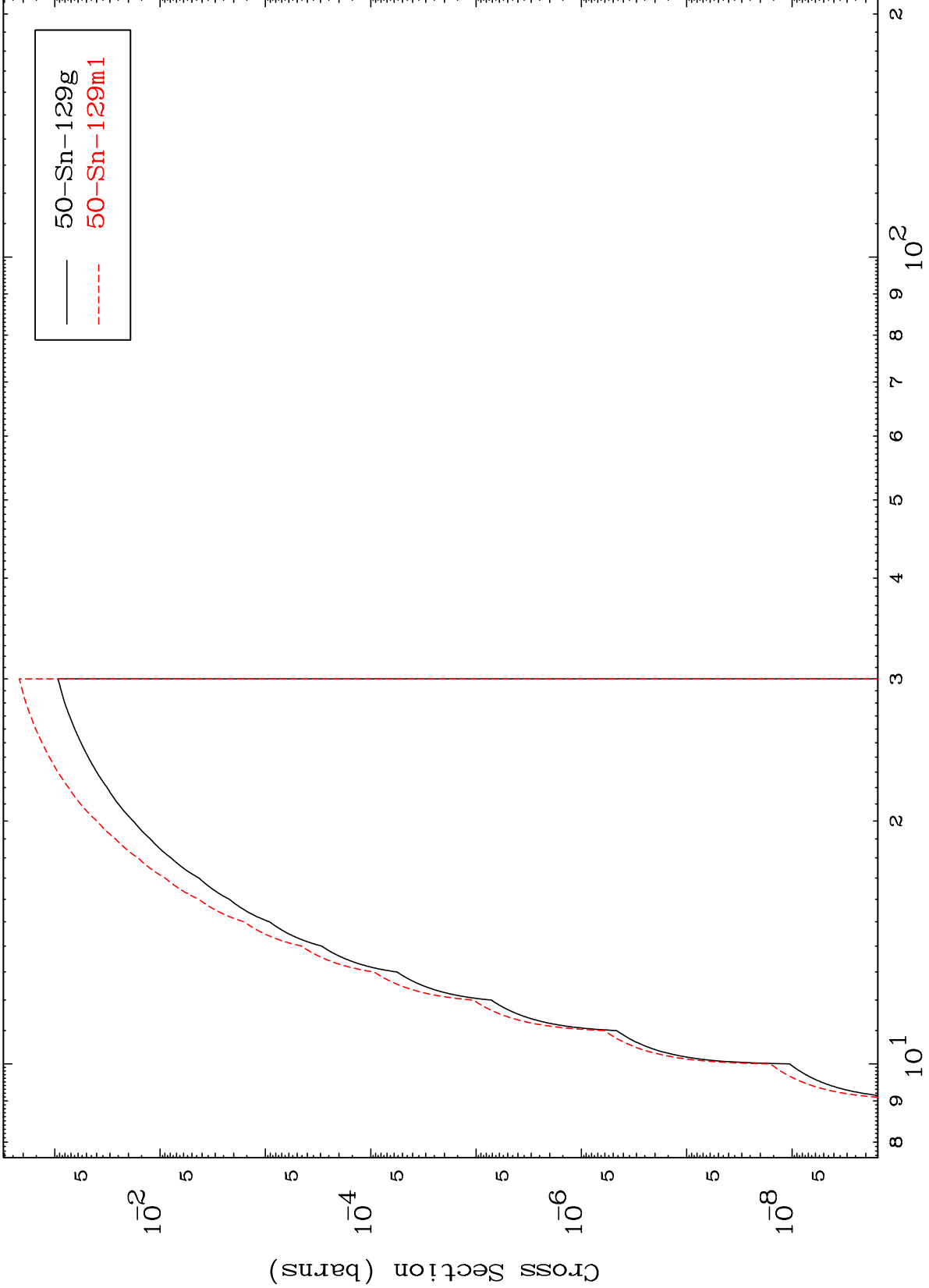
22

MAT 5080

(n,2n) p

50-Sn-130m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

50-Sn-130m

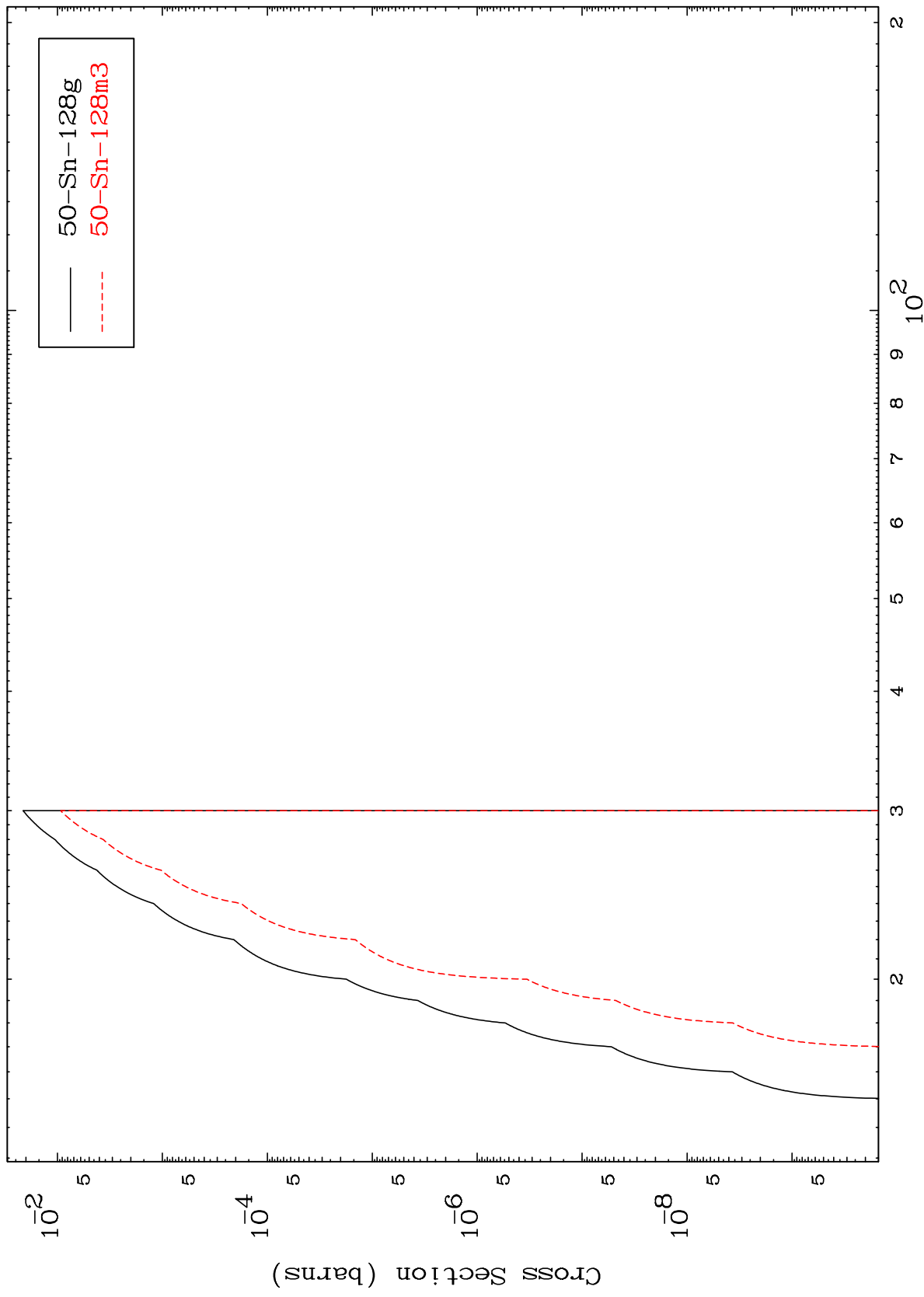


MAT 5080

(n,3n) p

50-Sn-130m

Radionuclide Production Cross Section



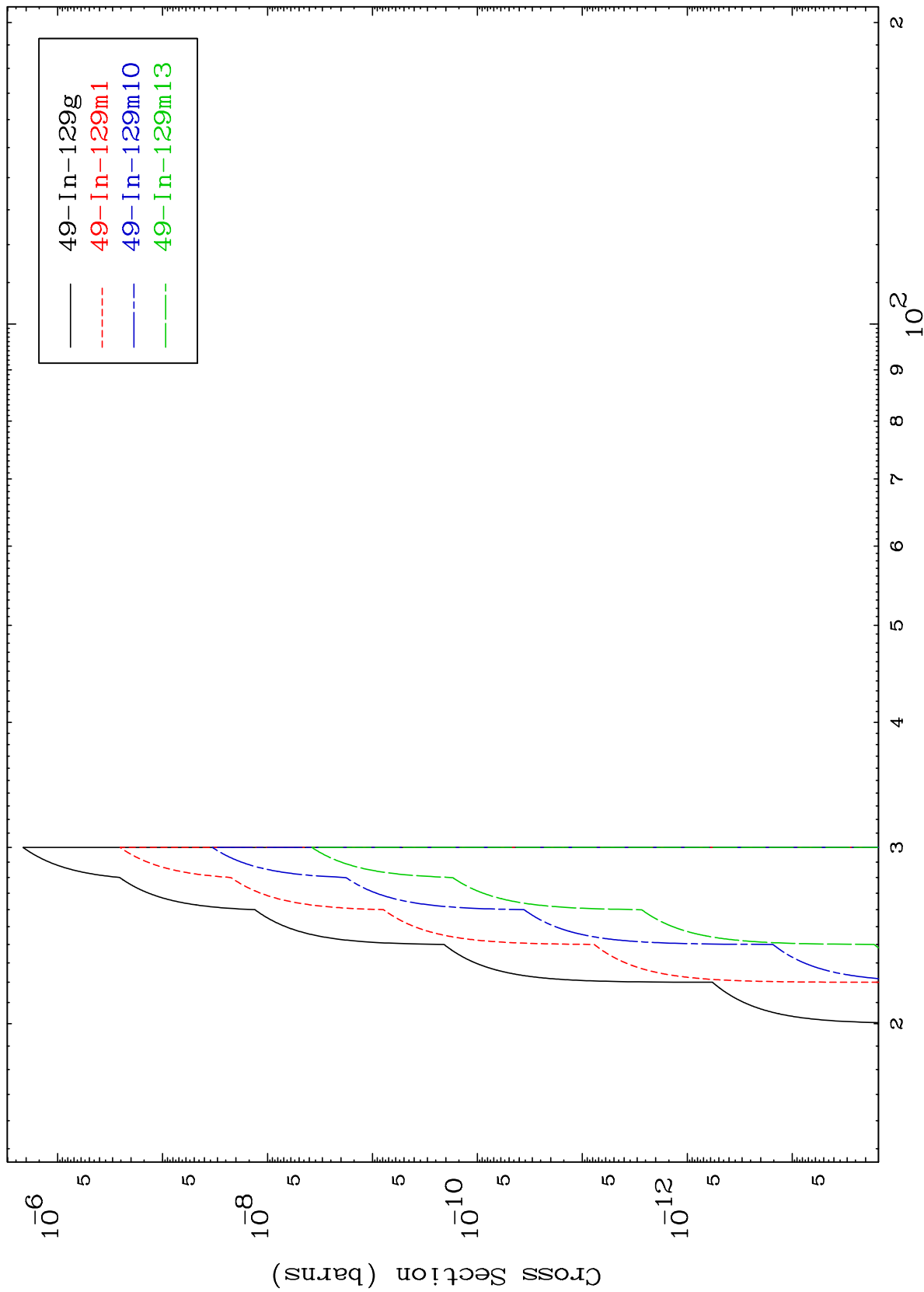
24

Incident Energy (MeV)

50-Sn-130m

(n,2n) p

Radionuclide Production Cross Section

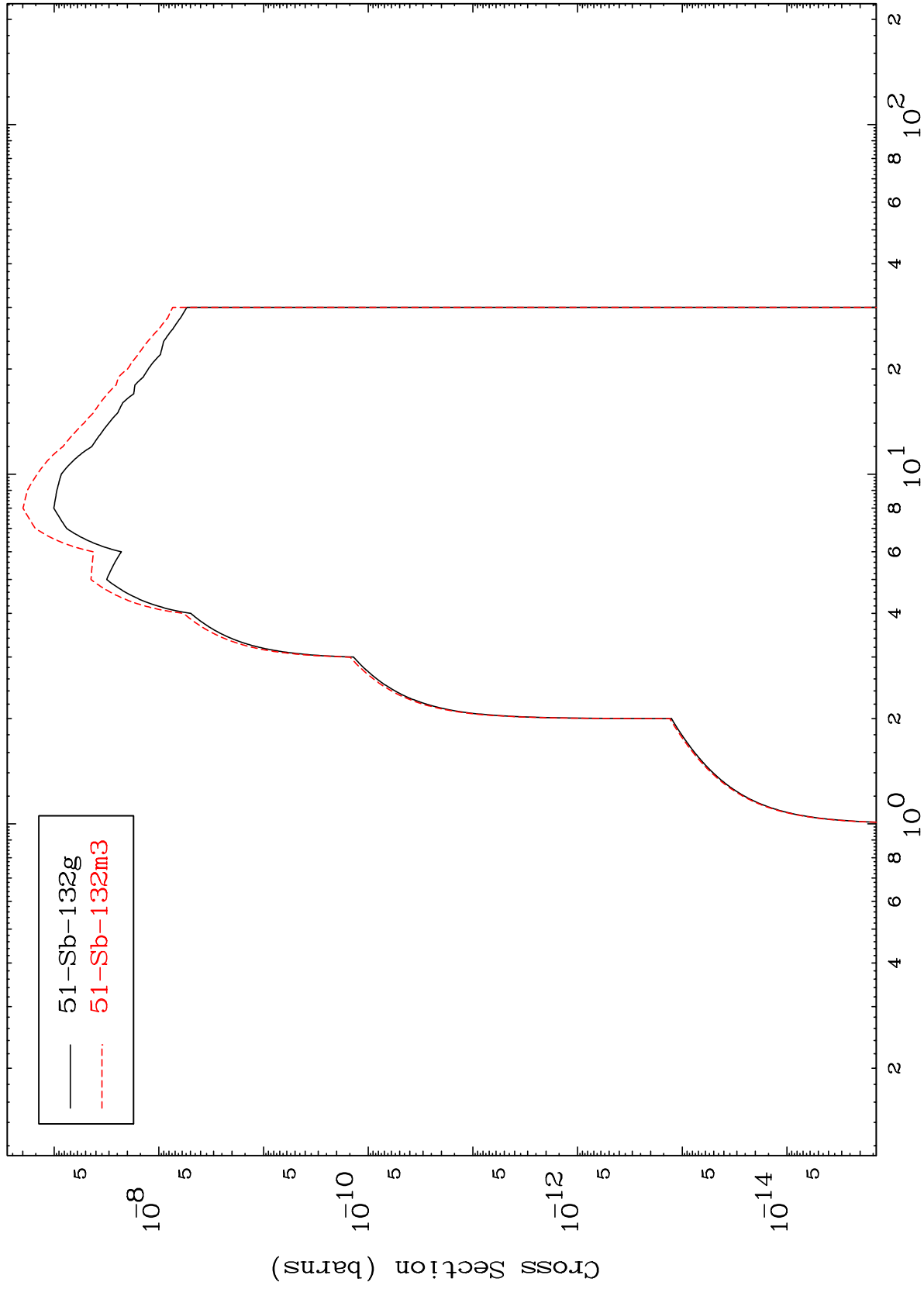


Incident Energy (MeV)

MAT 5080

50-Sn-130m

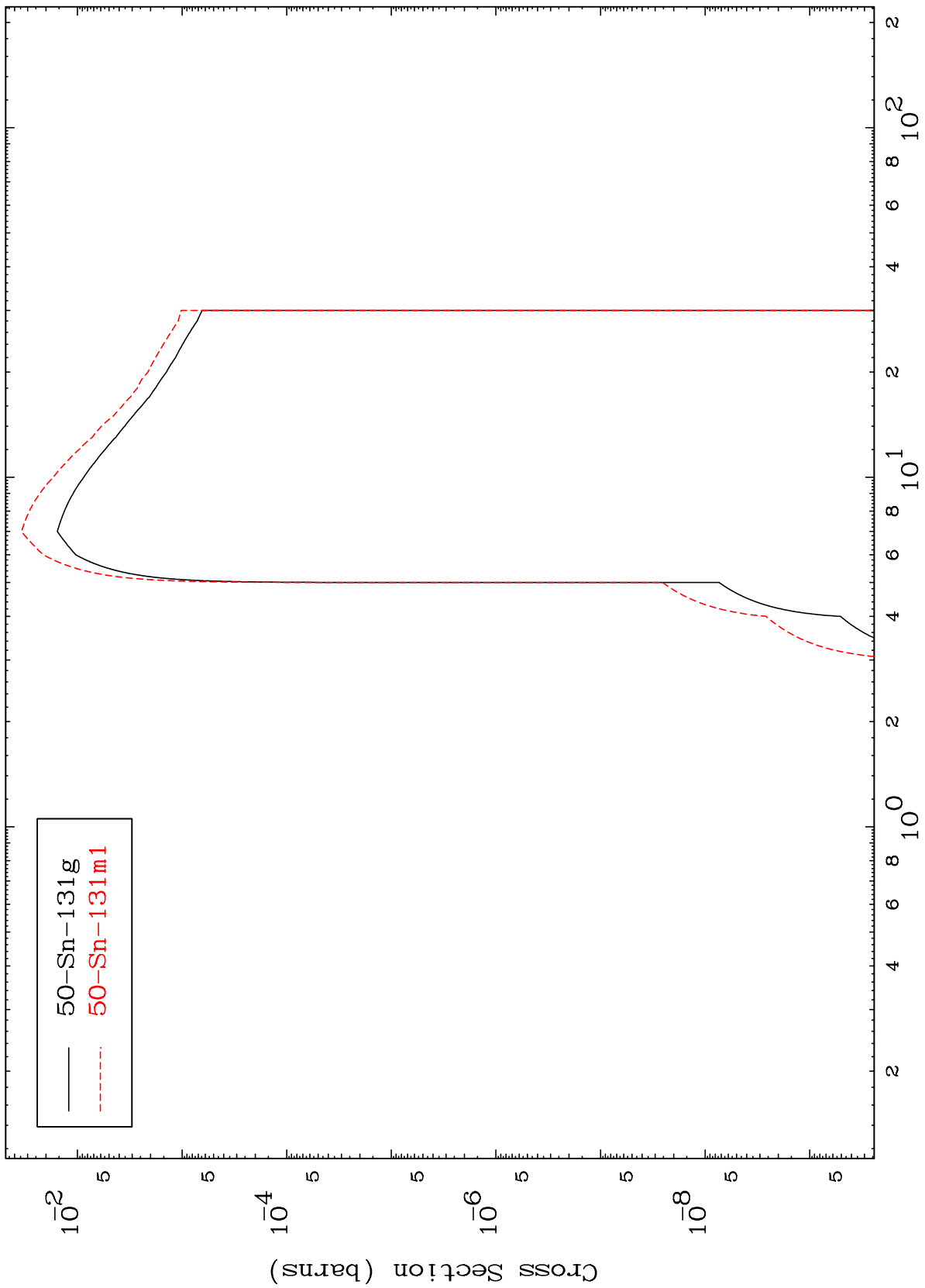
Radionuclide Production Cross Section  
(n,  $\gamma$ )



MAT 5080

50-Sn-130m

(n,p)  
Radionuclide Production Cross Section



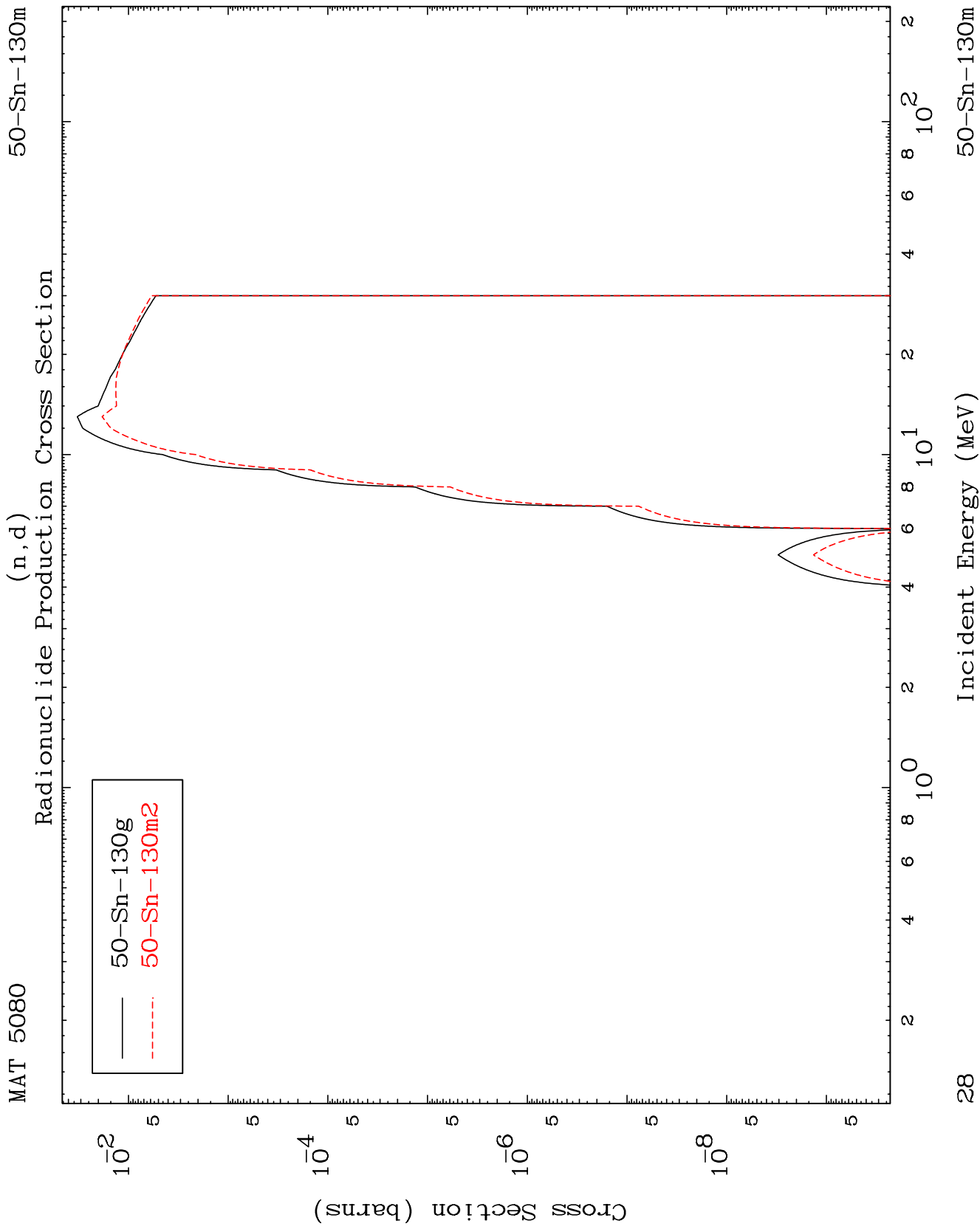
— 50-Sn-131g  
- - - 50-Sn-131m1

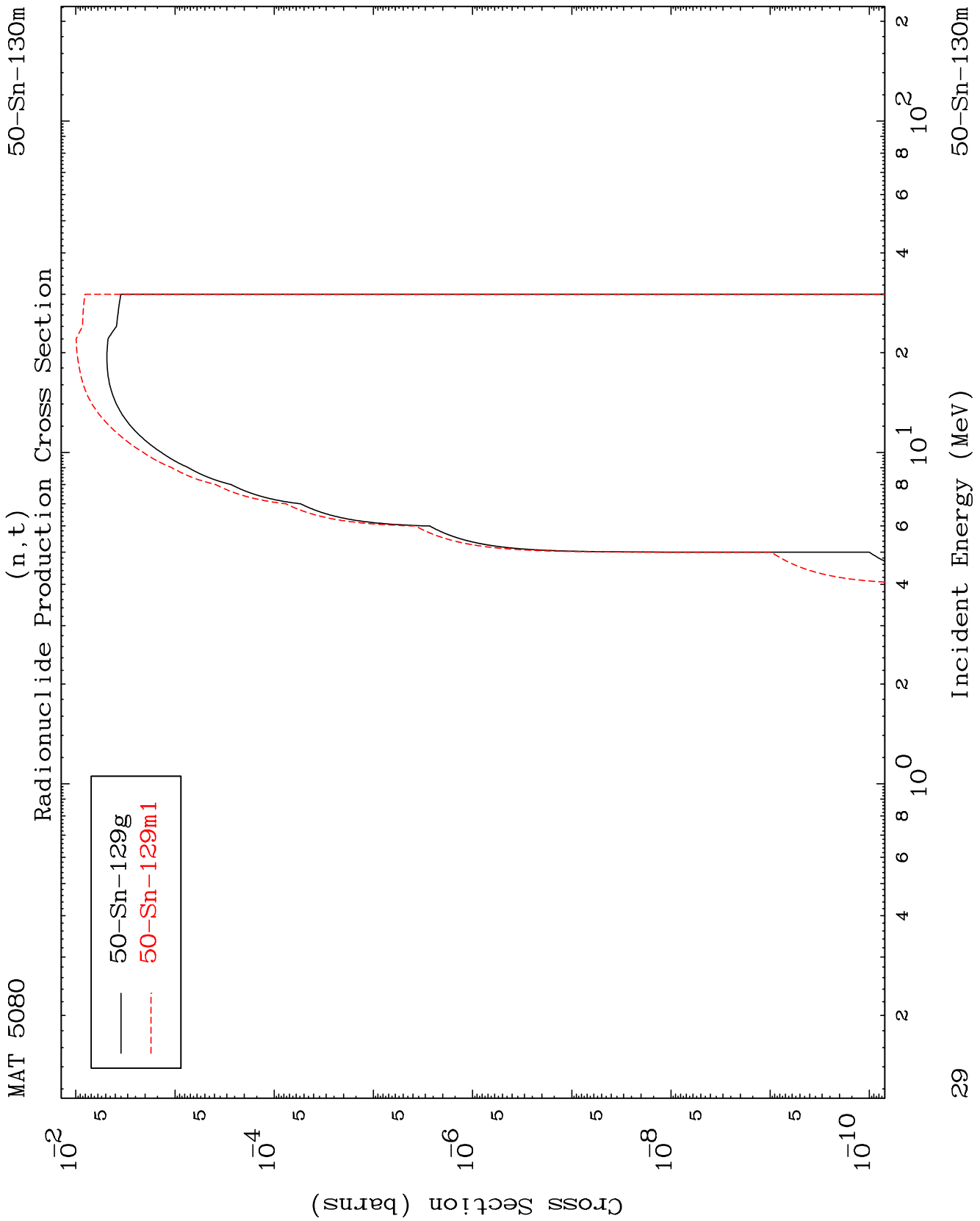
50-Sn-130m

Incident Energy (MeV)

27

MAT 5080

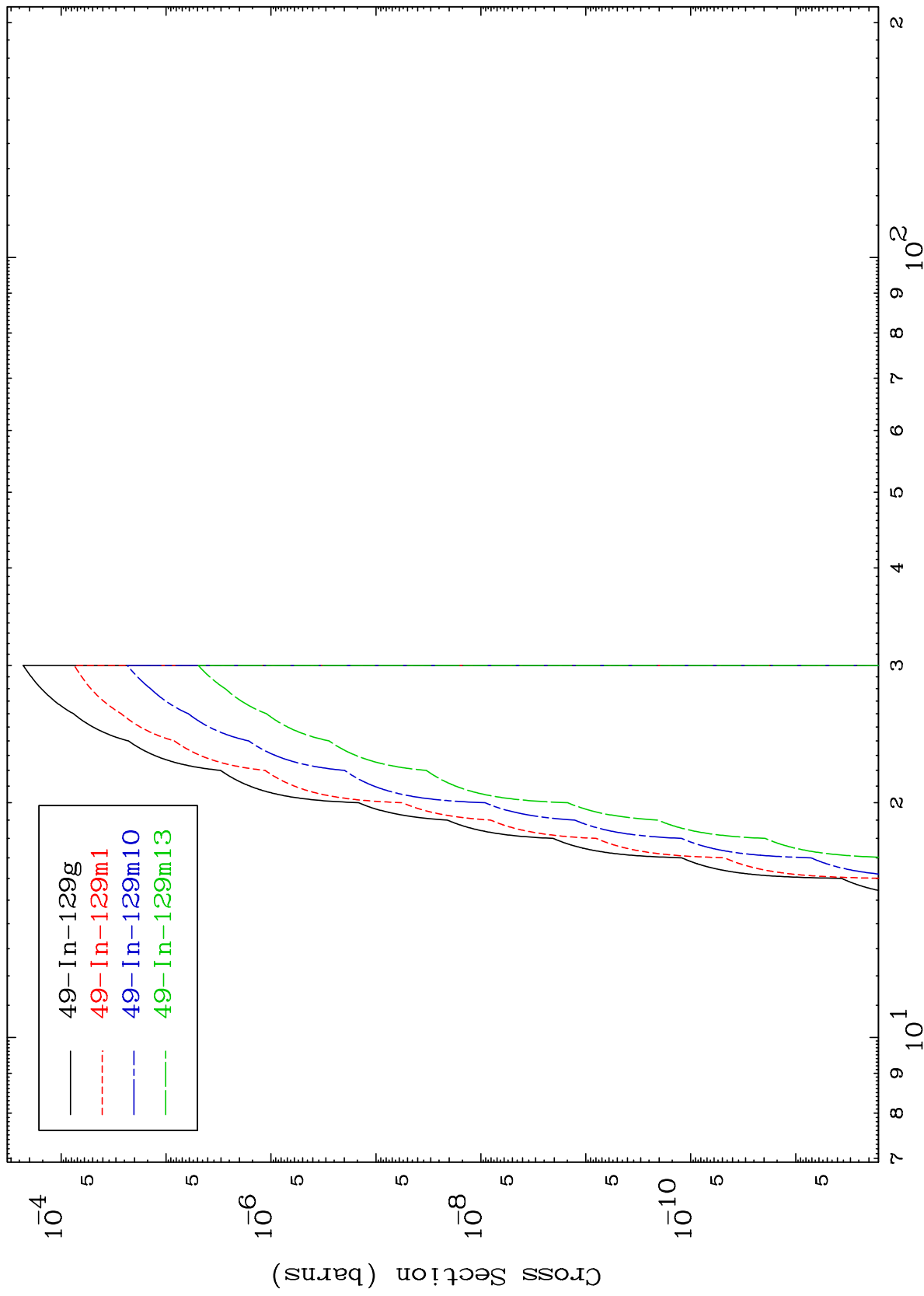




MAT 5080

50-Sn-130m

Radionuclide Production Cross Section  
(n,He-3)



30

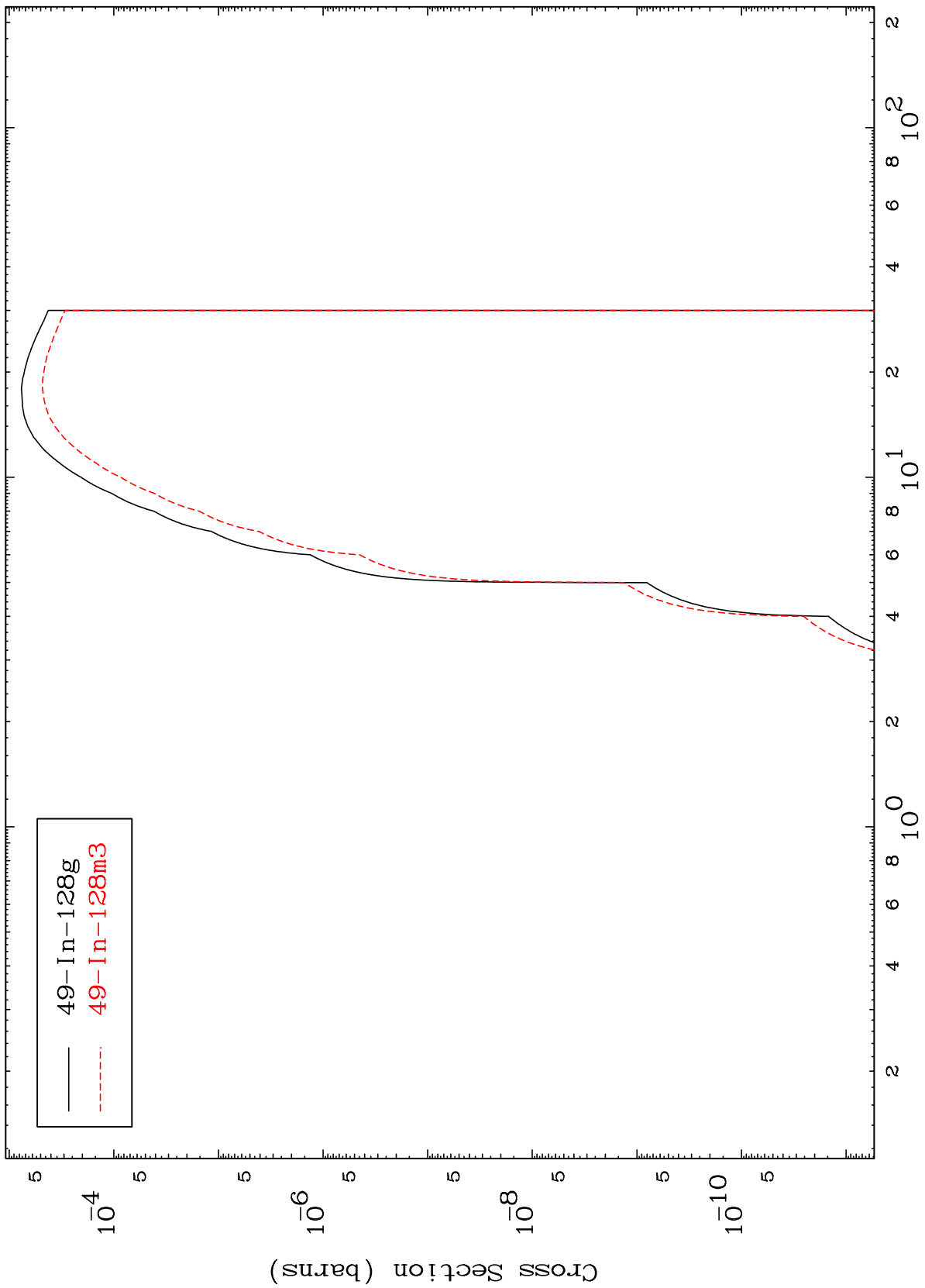
Incident Energy (MeV)

50-Sn-130m

MAT 5080

50-Sn-130m

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

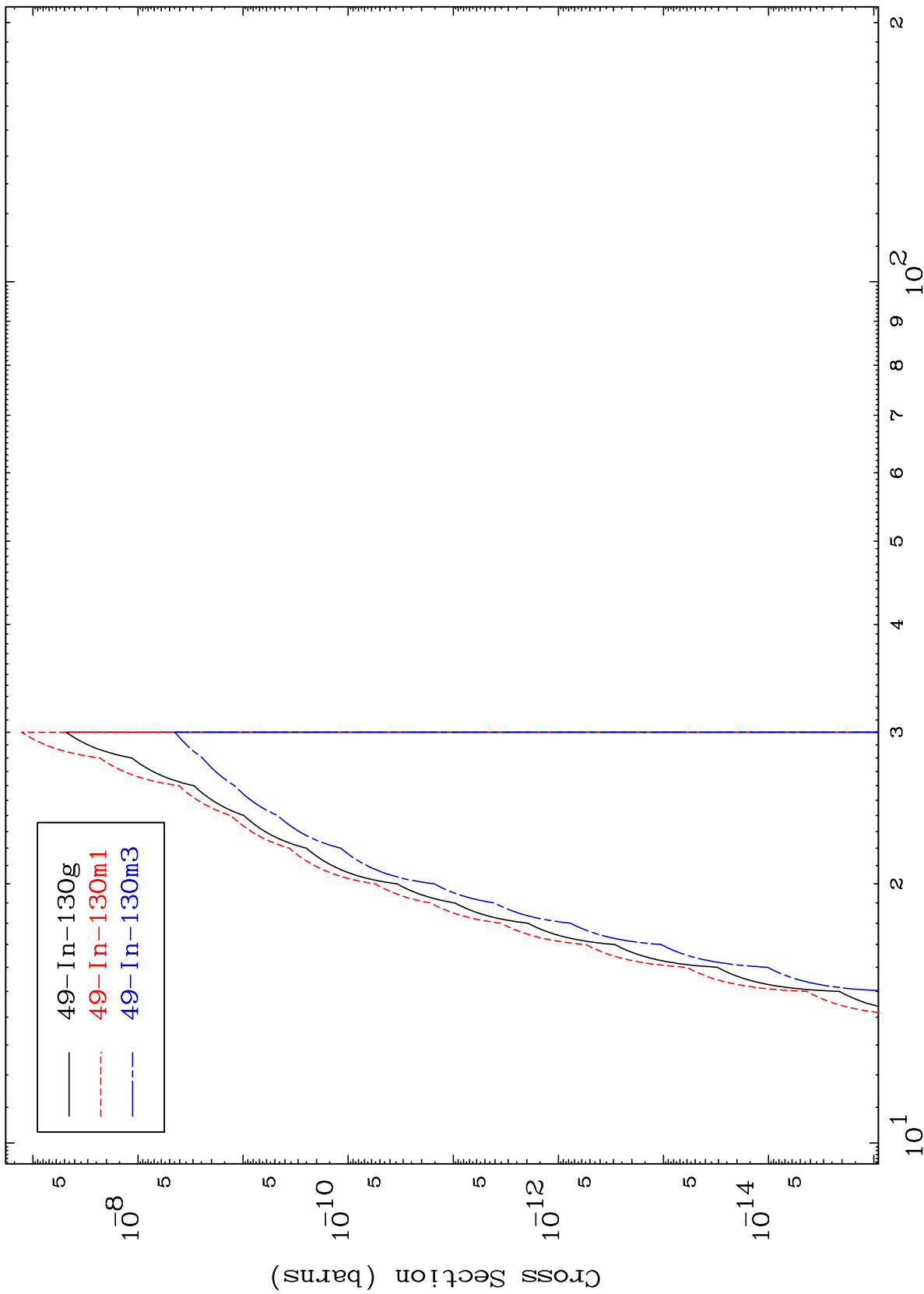




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50-Sn-130m

(n,2p)  
Radionuclide Production Cross Section

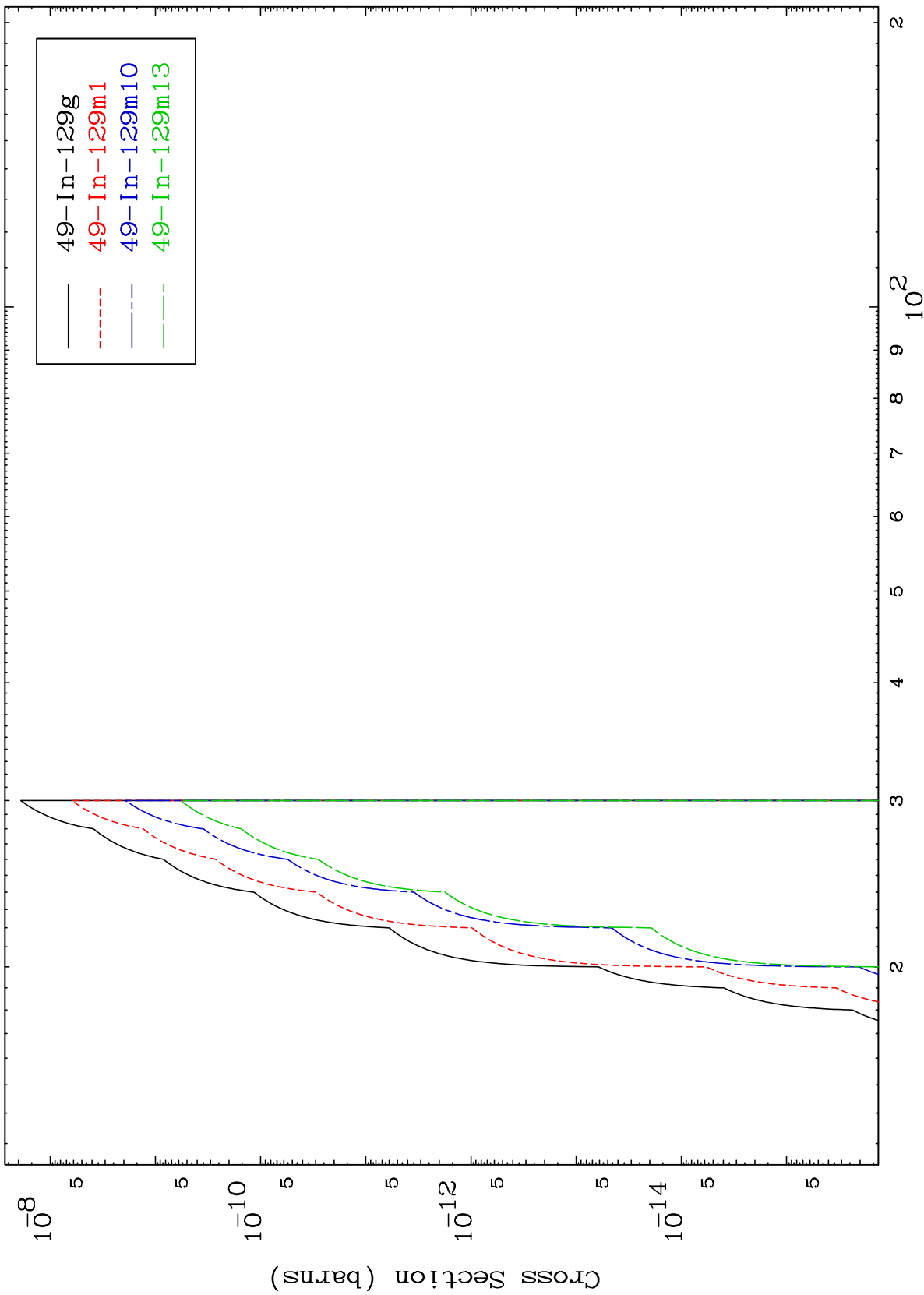


50-Sn-130m

Incident Energy (MeV)

32

Radionuclide Production Cross Section

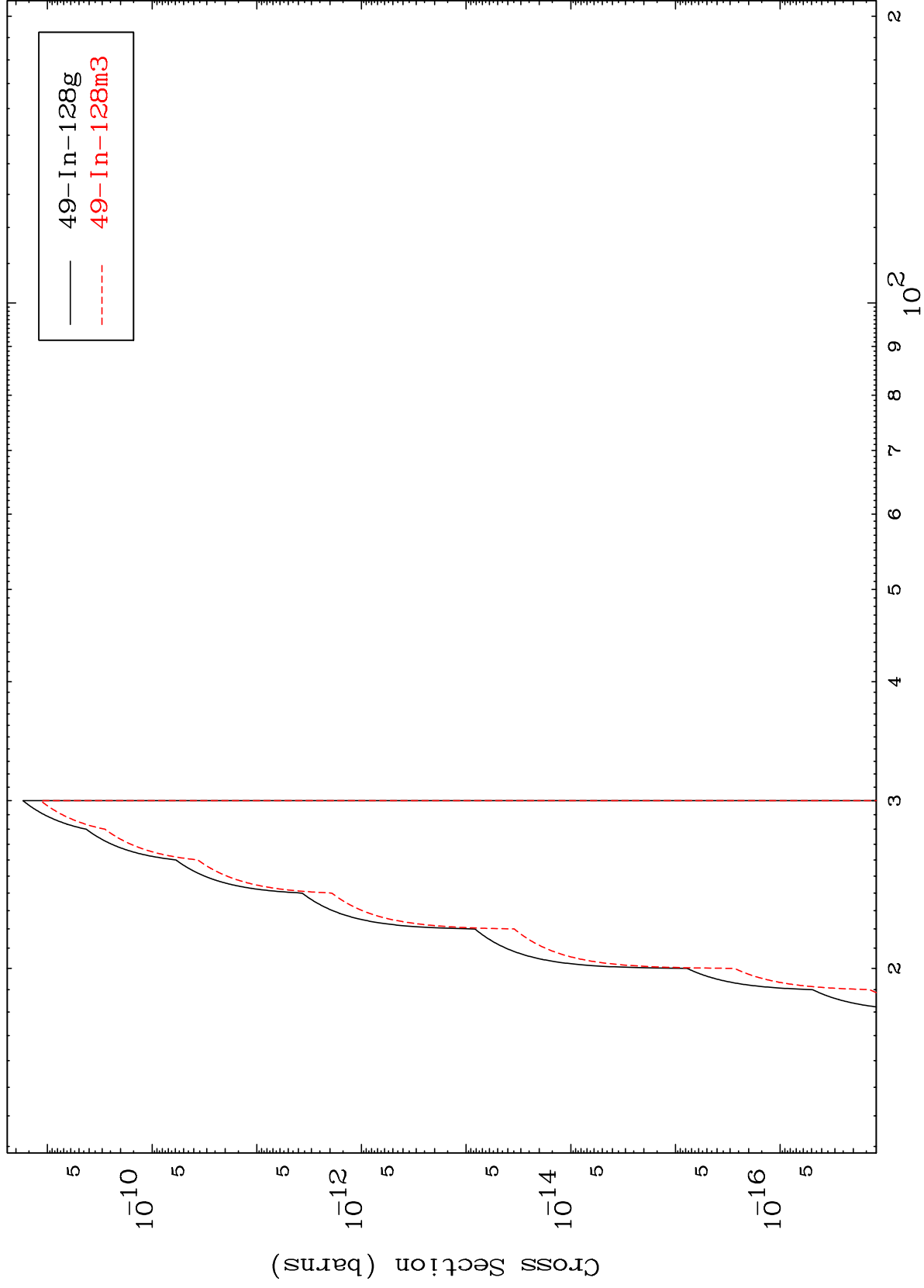


MAT 5080

(n,p) t

50-Sn-130m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

50-Sn-130m