

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

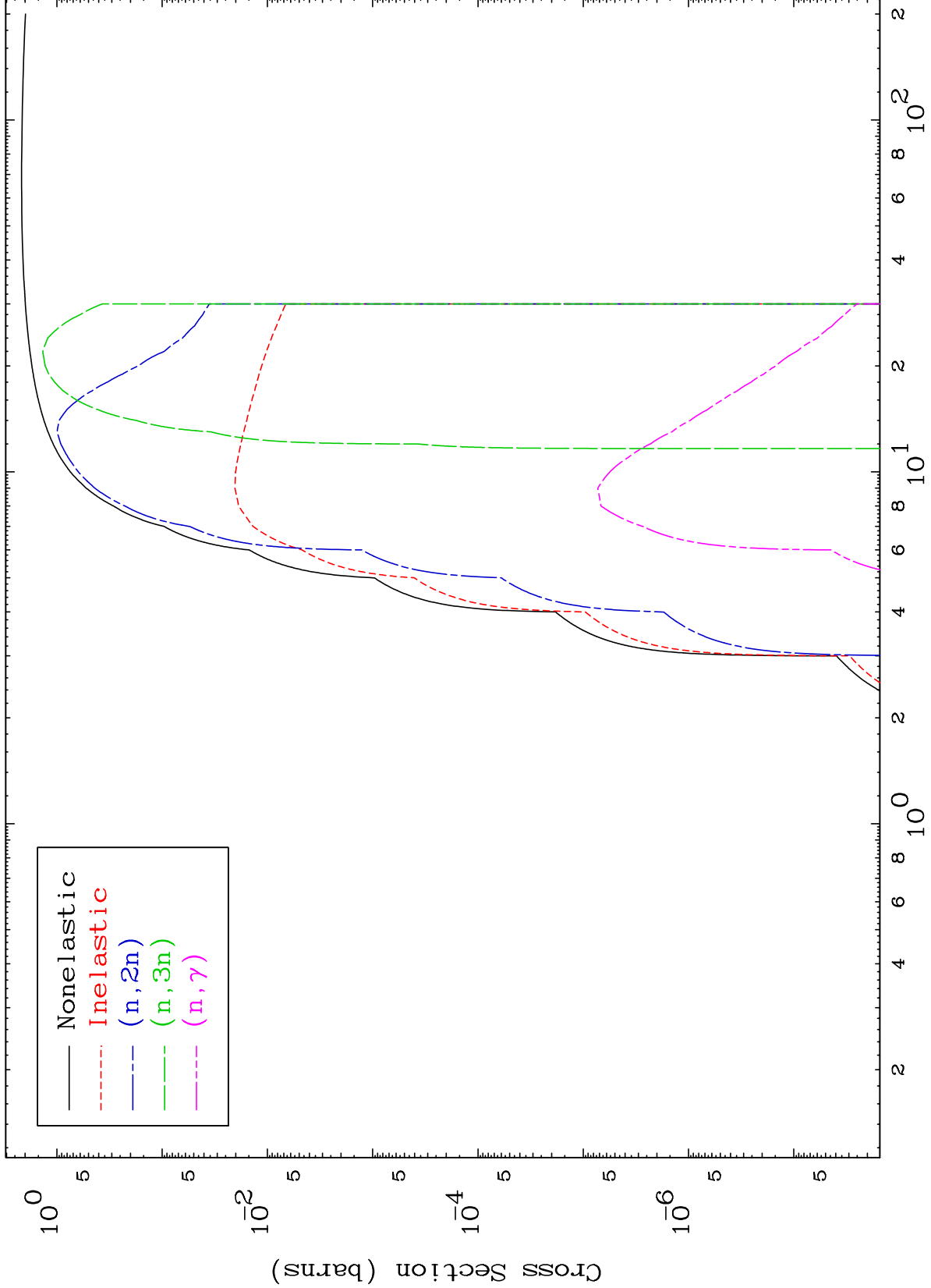
Tele: 925-443-1911

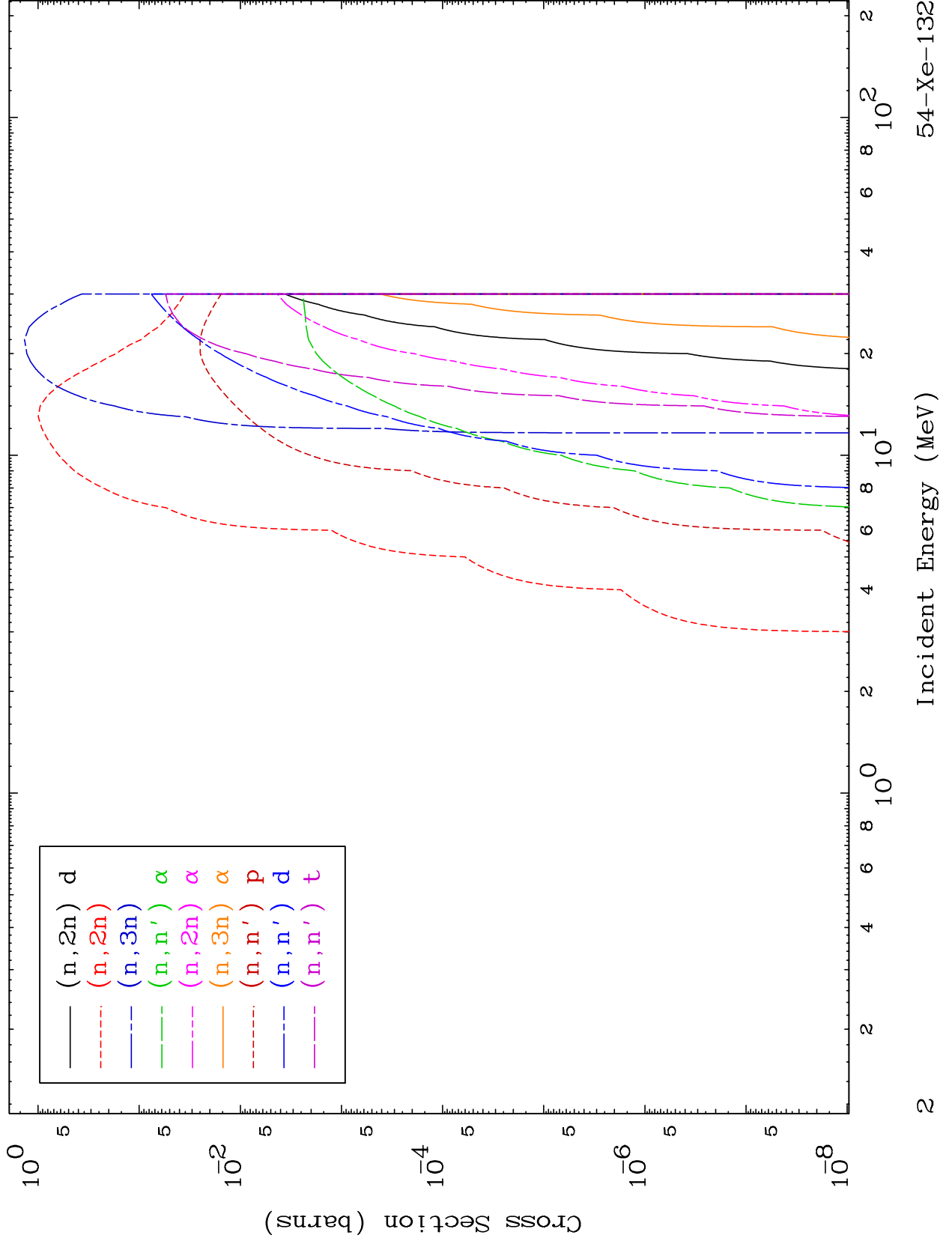
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

0 Kelvin Cross Sections

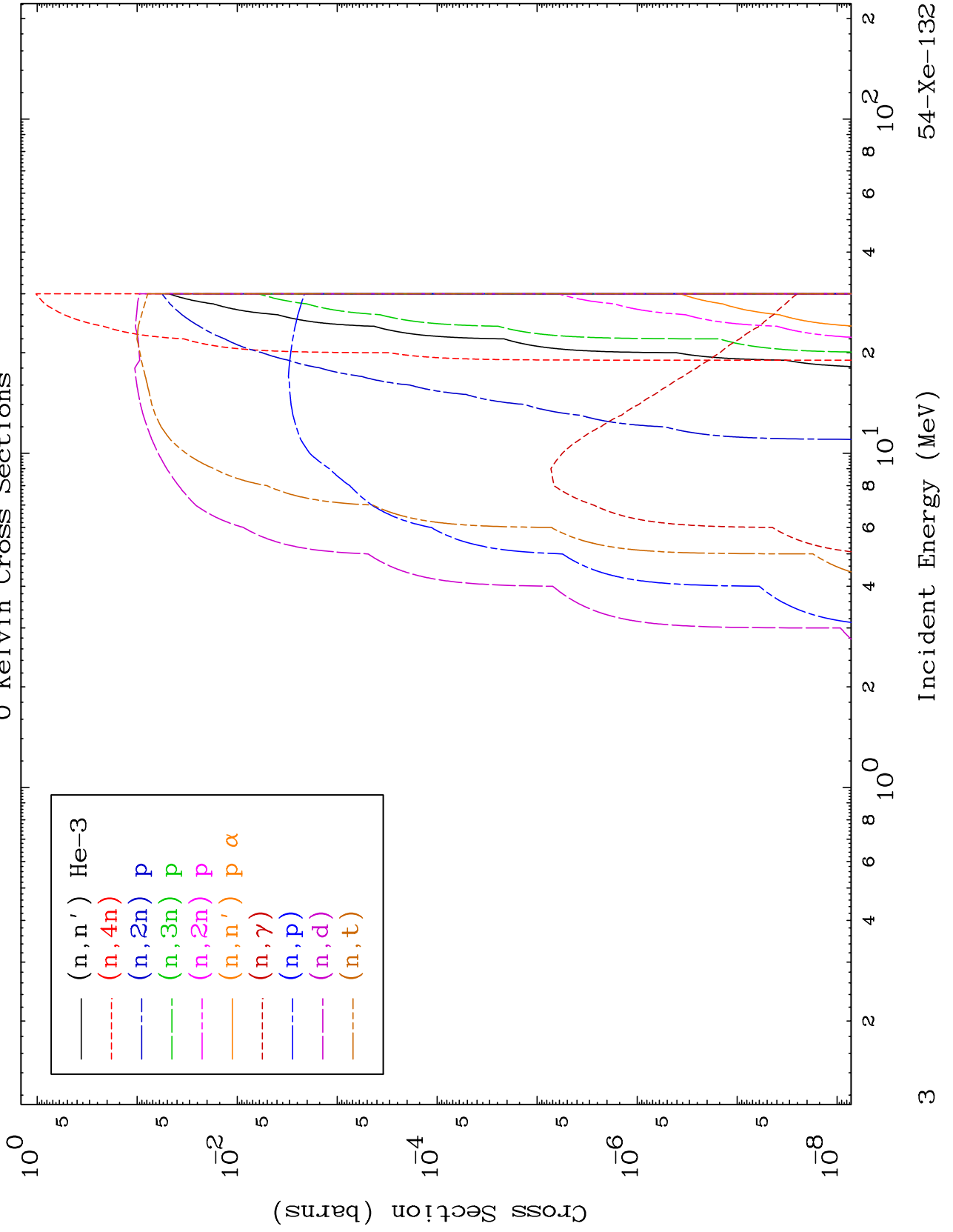


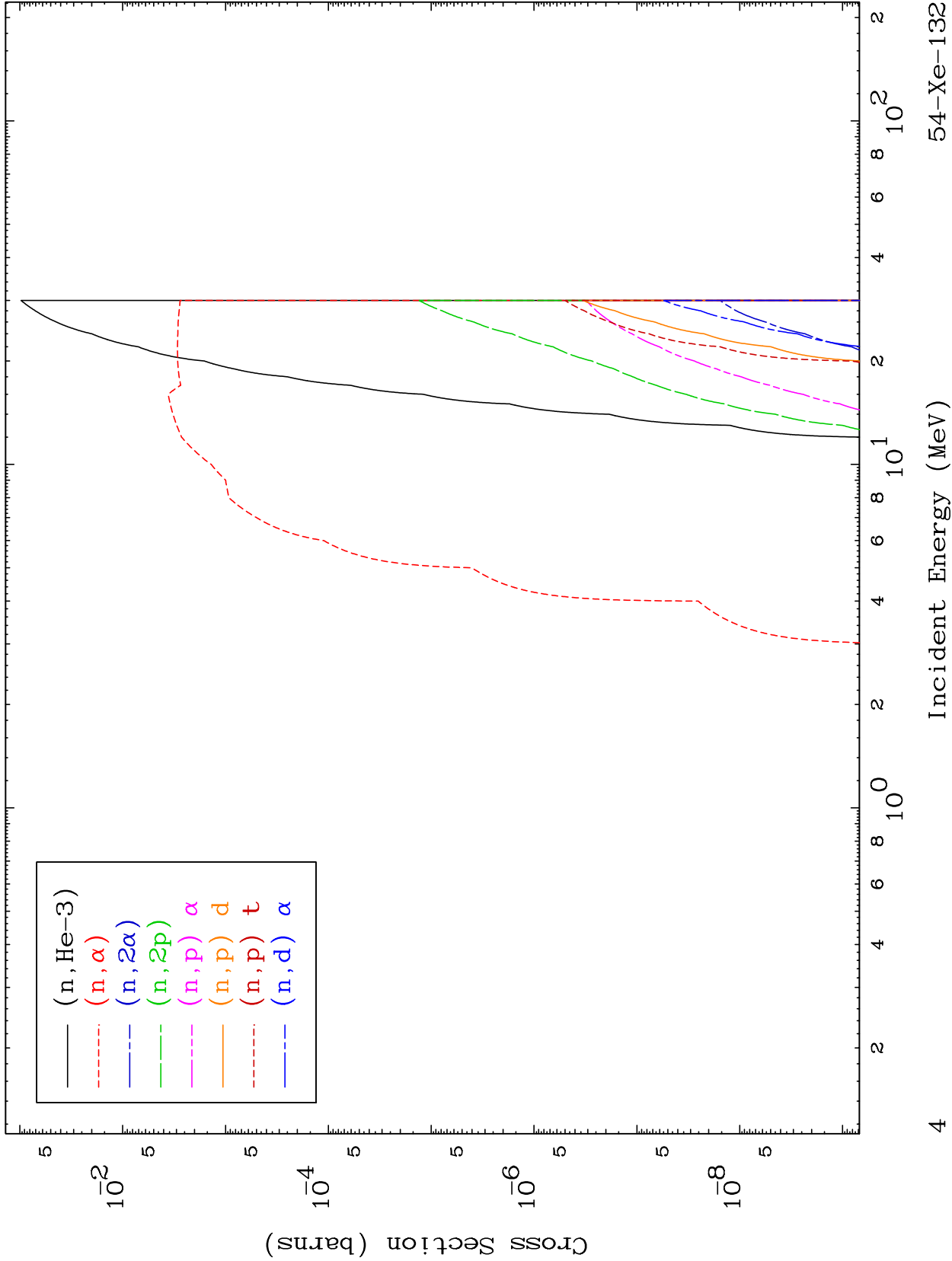


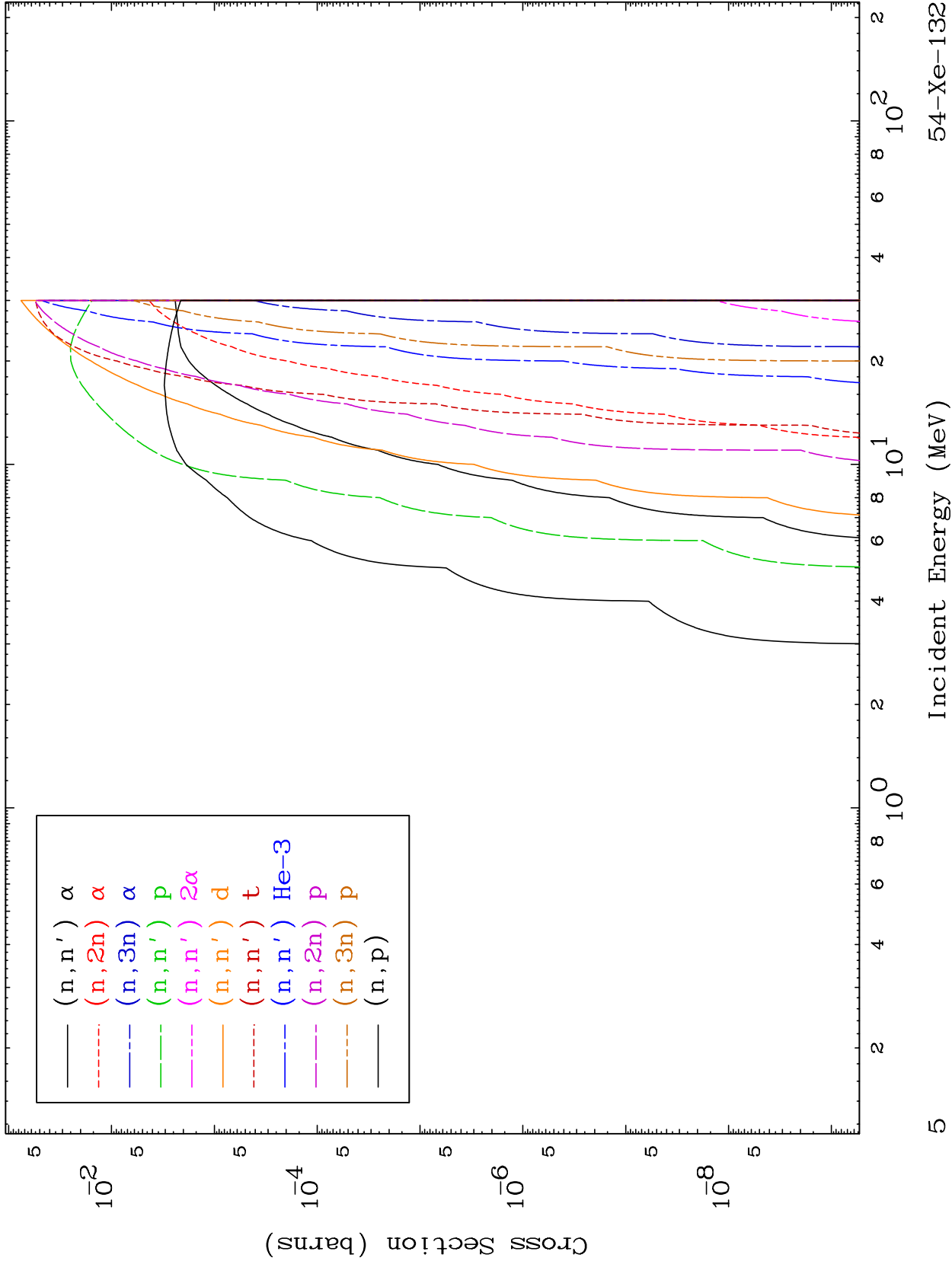
MAT 5449

Triton Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-132



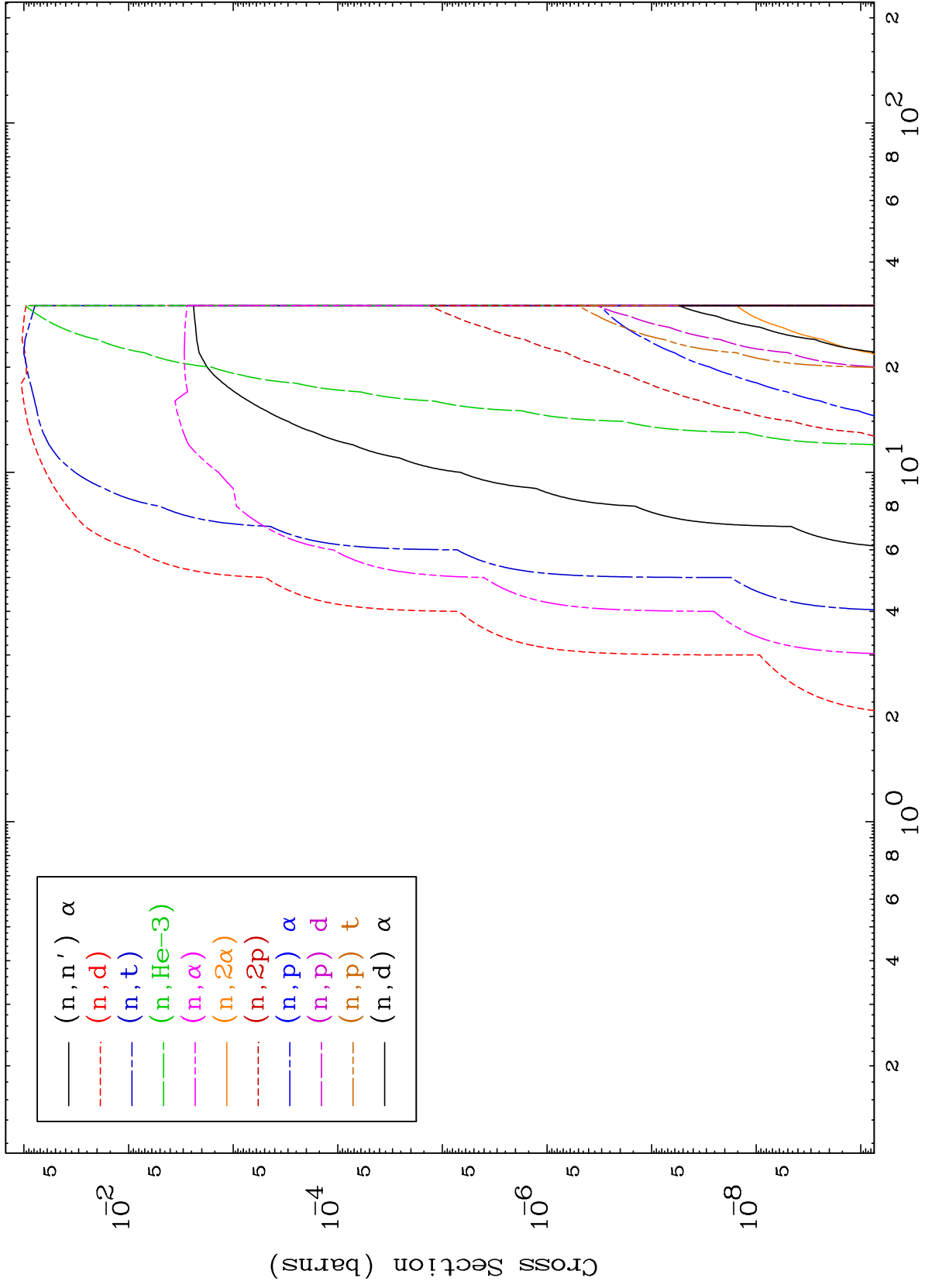




MAT 5449

Triton Charged Particle  
0 Kelvin Cross Sections

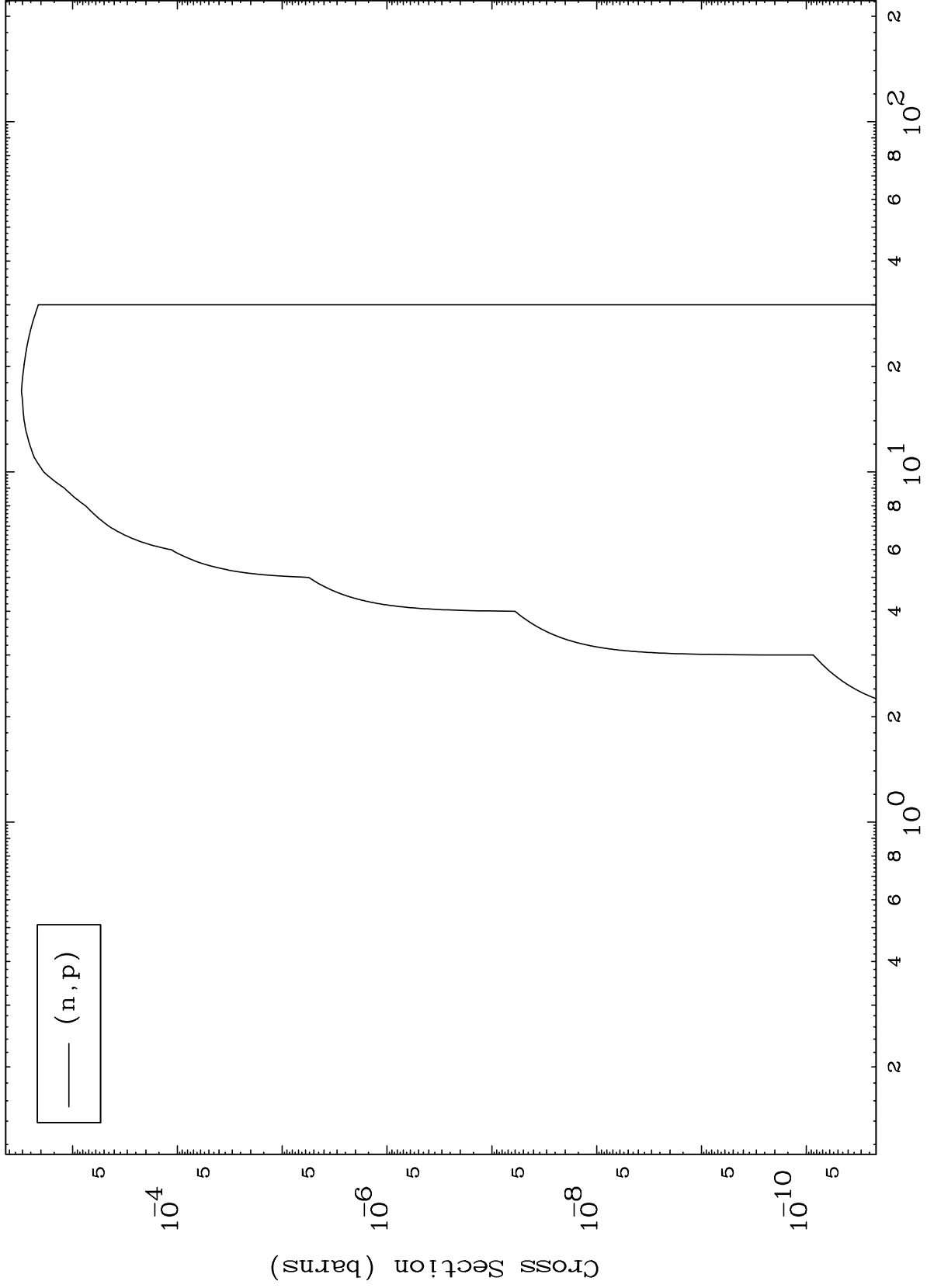
54-Xe-132



MAT 5449

(t,p) Levels  
0 Kelvin Cross Sections

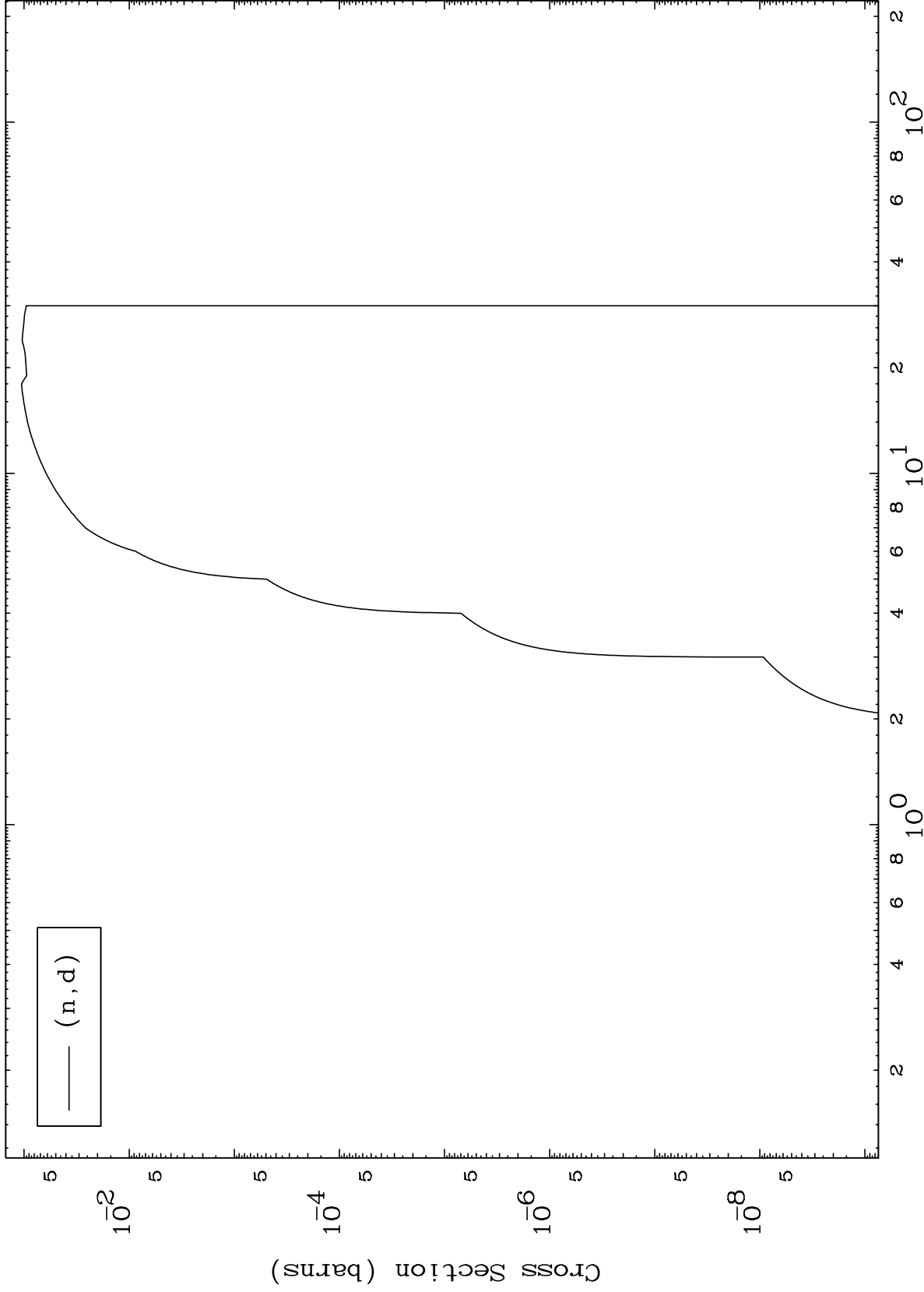
54-Xe-132



MAT 5449

(t,d) Levels  
0 Kelvin Cross Sections

54-Xe-132

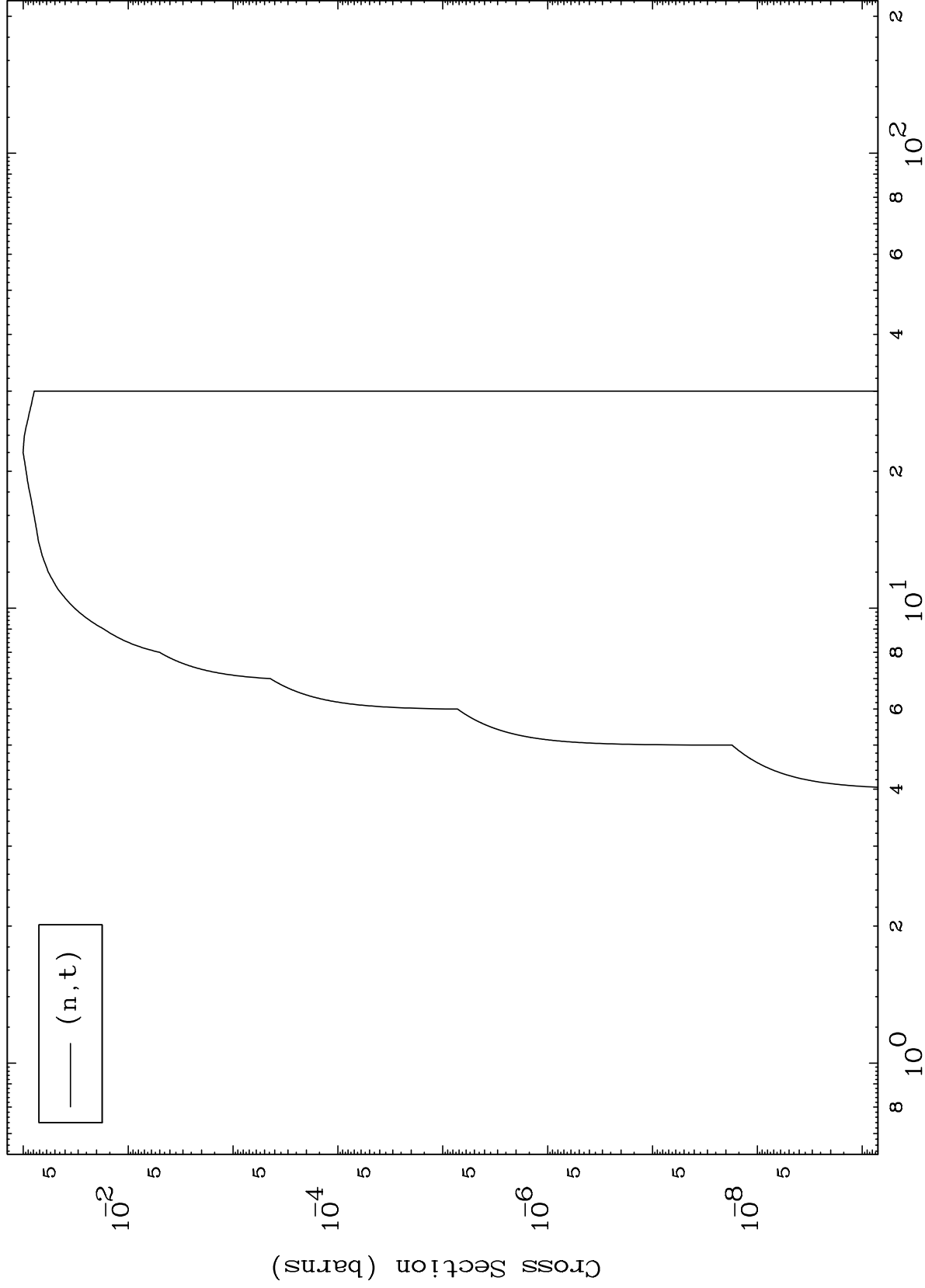


MAT 5449

(t, t) Levels

54-Xe-132

0 Kelvin Cross Sections



9

Incident Energy (MeV)

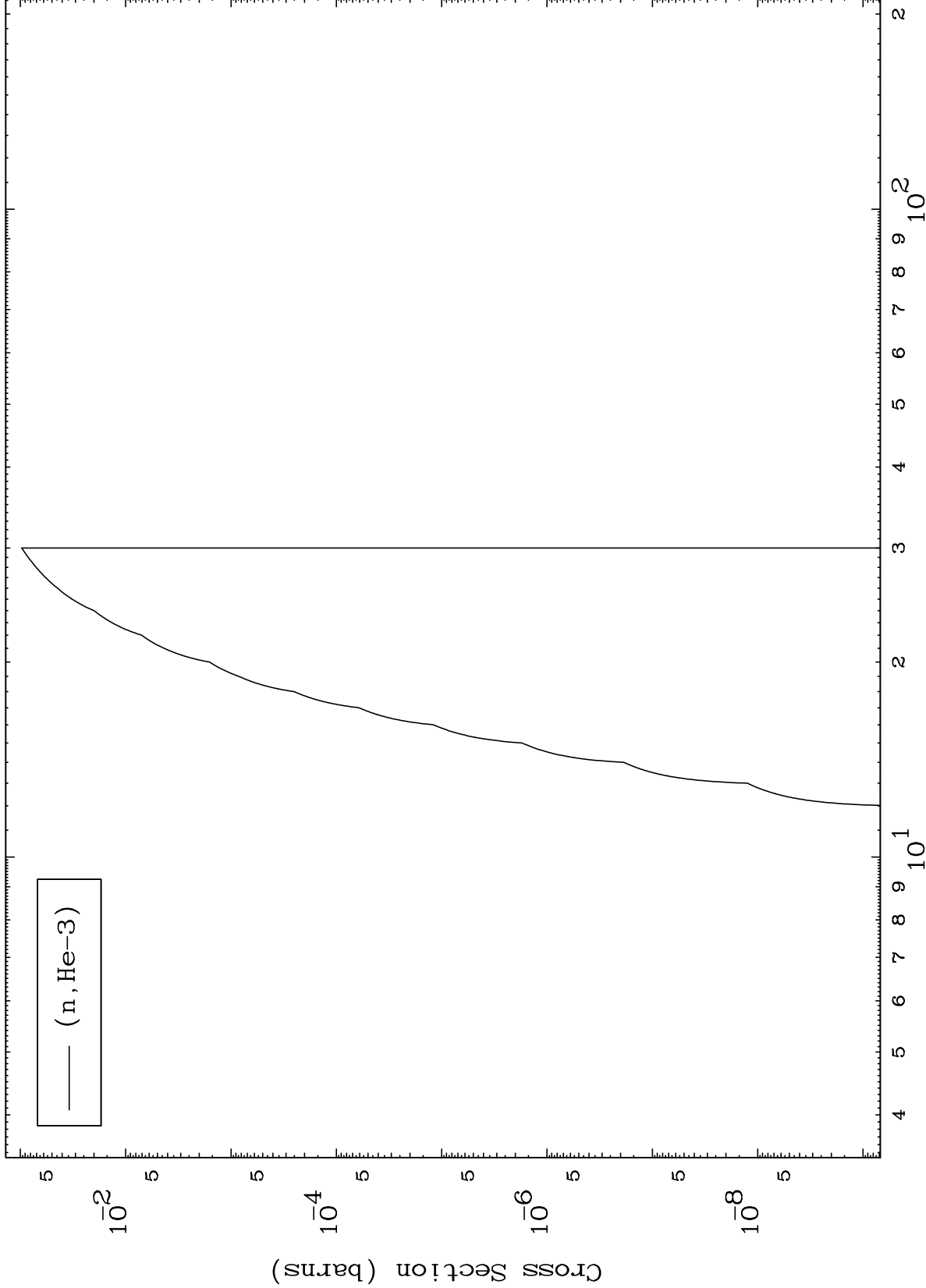
54-Xe-132

MAT 5449

(t,He3) Levels

54-Xe-132

0 Kelvin Cross Sections



10

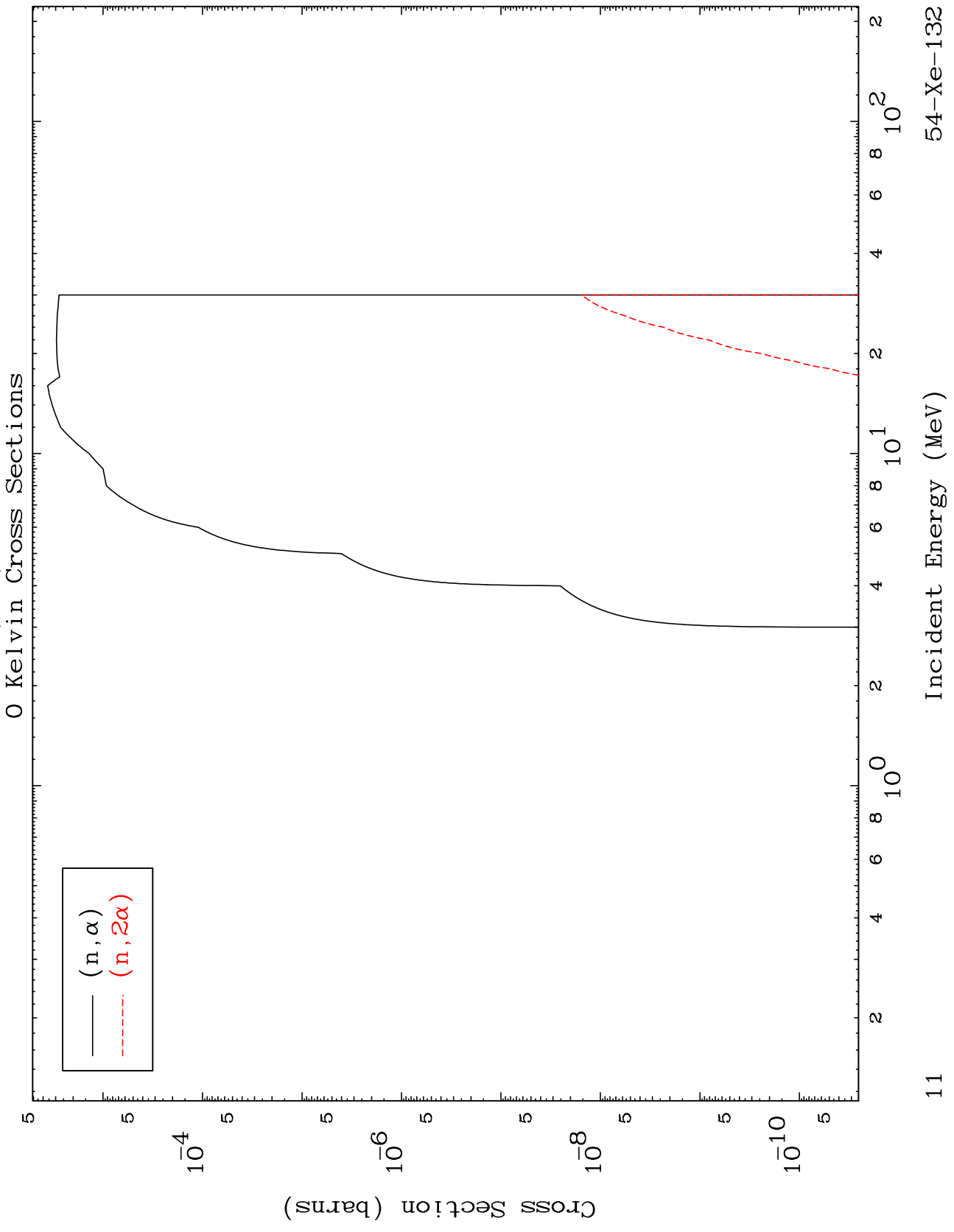
Incident Energy (MeV)

54-Xe-132

MAT 5449

(t,  $\alpha$ ) Levels

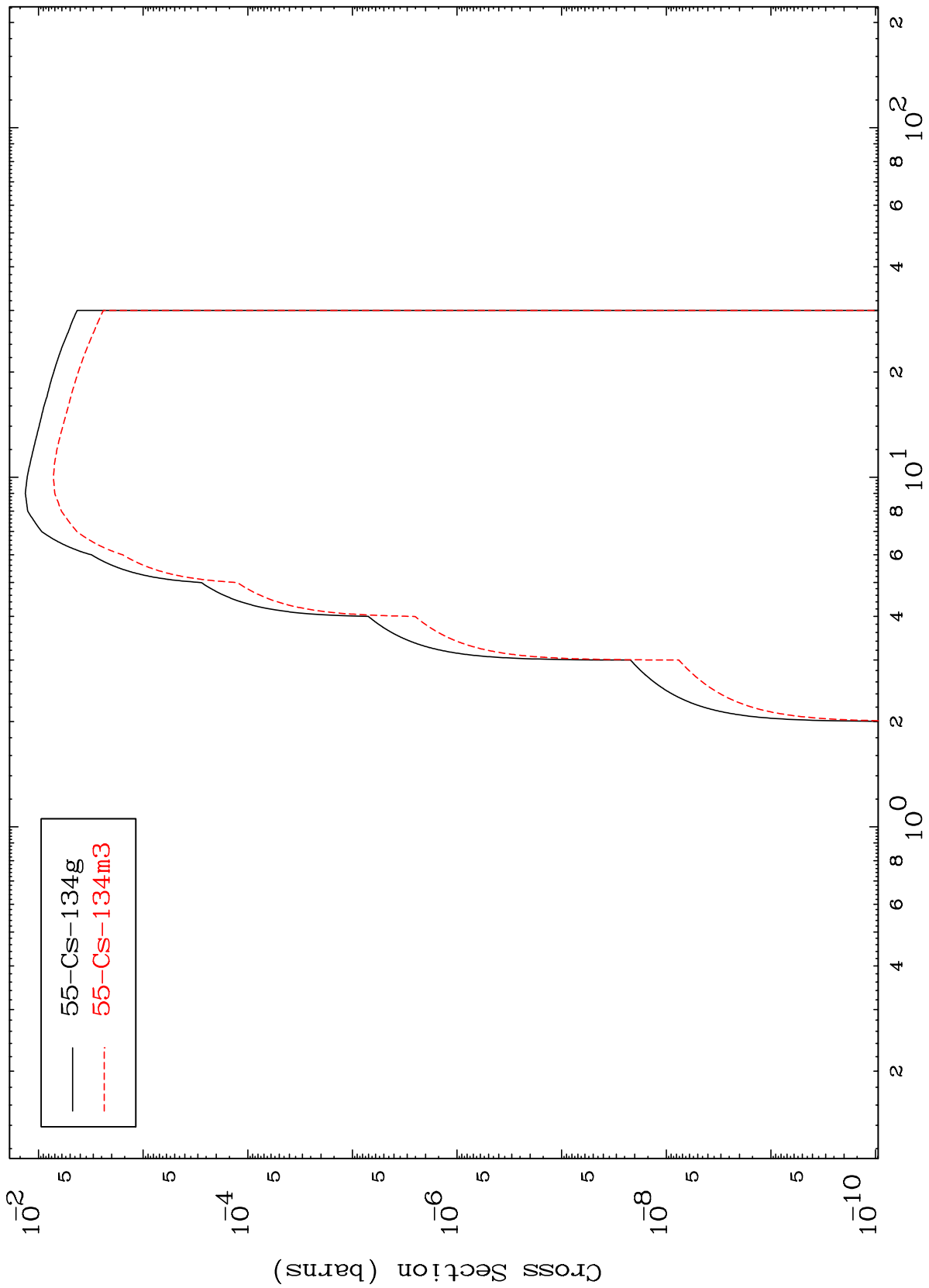
54-Xe-132



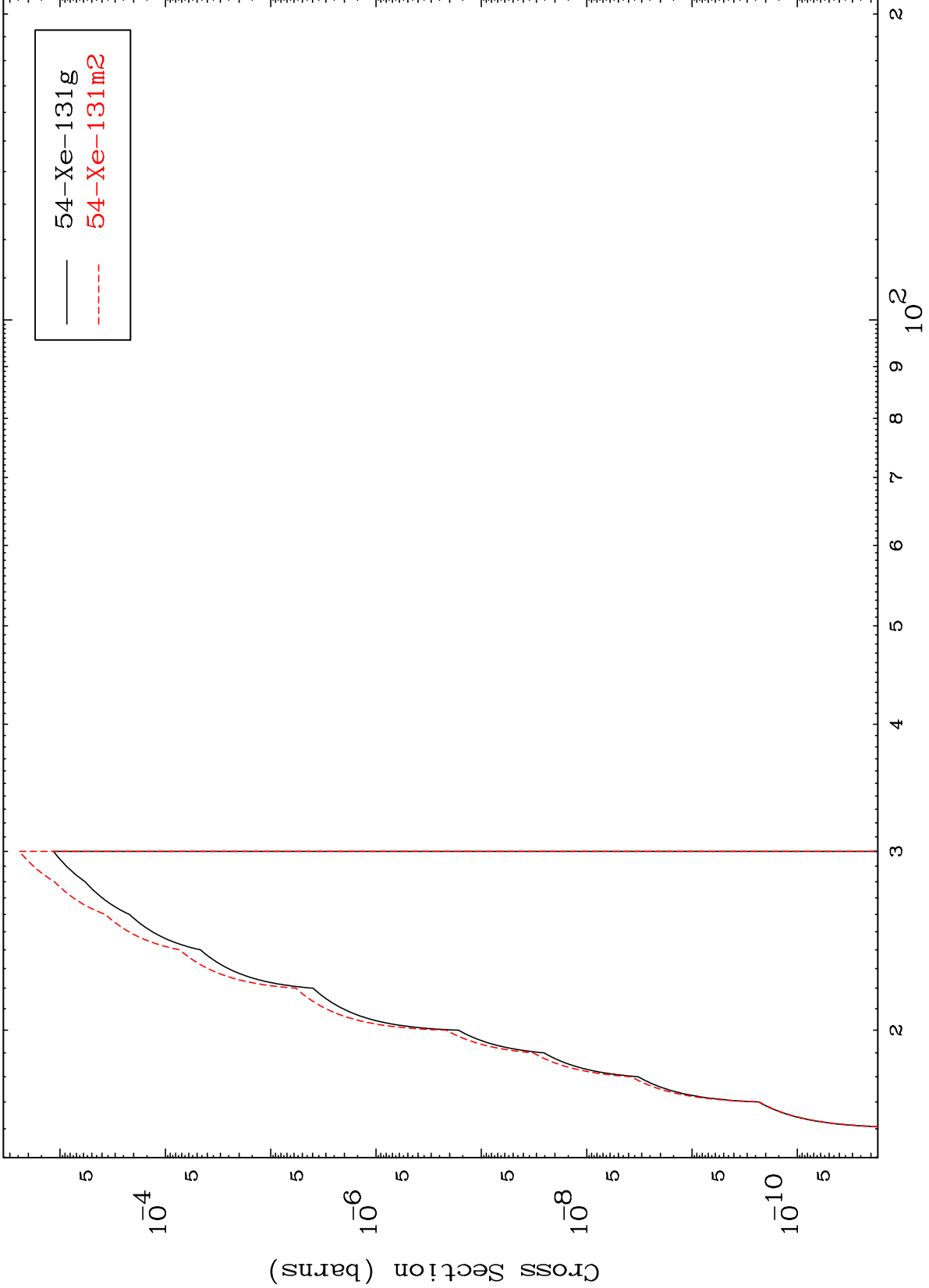
MAT 5449

54-Xe-132

Inelastic  
Radionuclide Production Cross Section



Radionuclide Production Cross Section



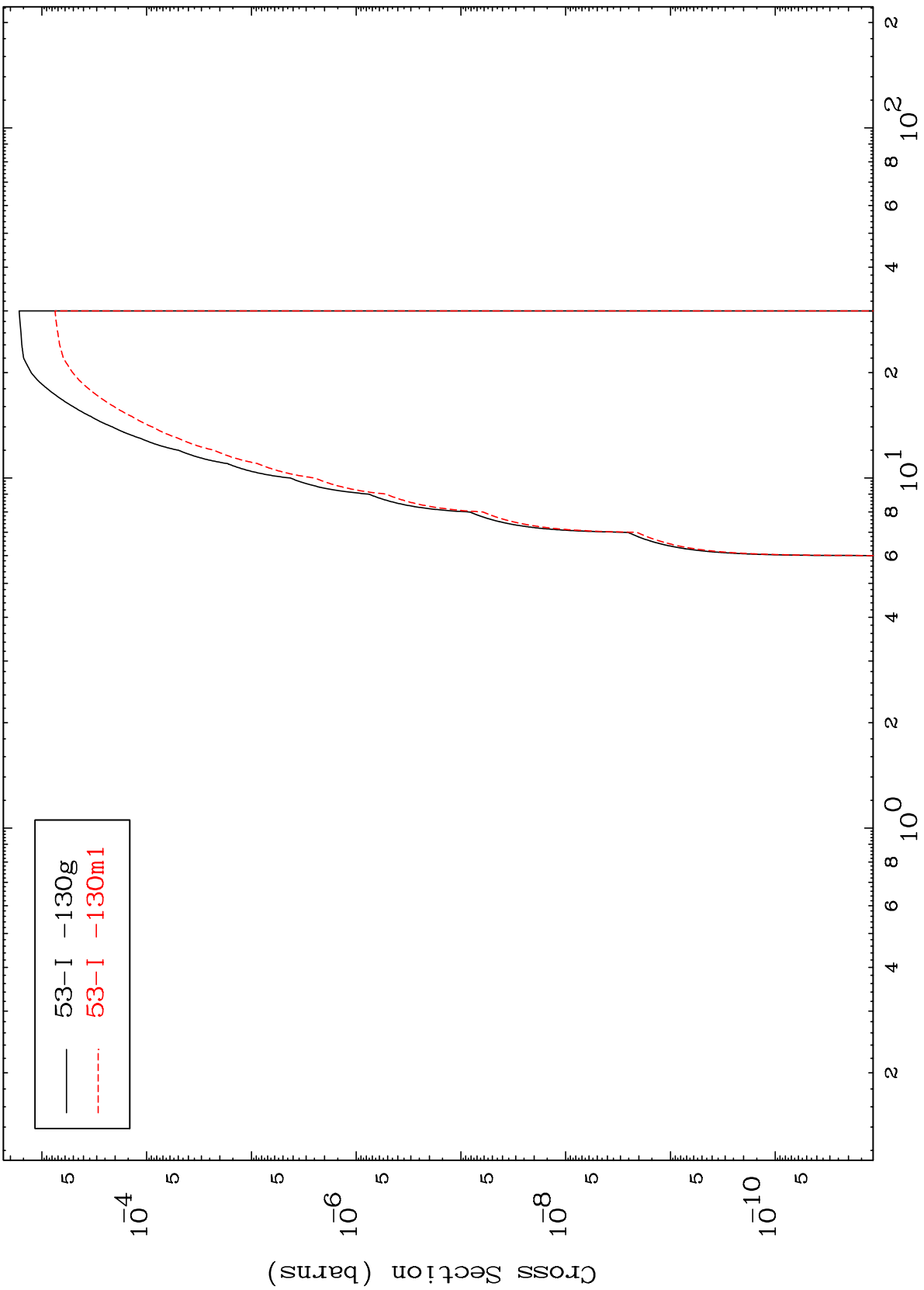
54-Xe-131g  
54-Xe-131m2

MAT 5449

$(n, n') \alpha$

54-Xe-132

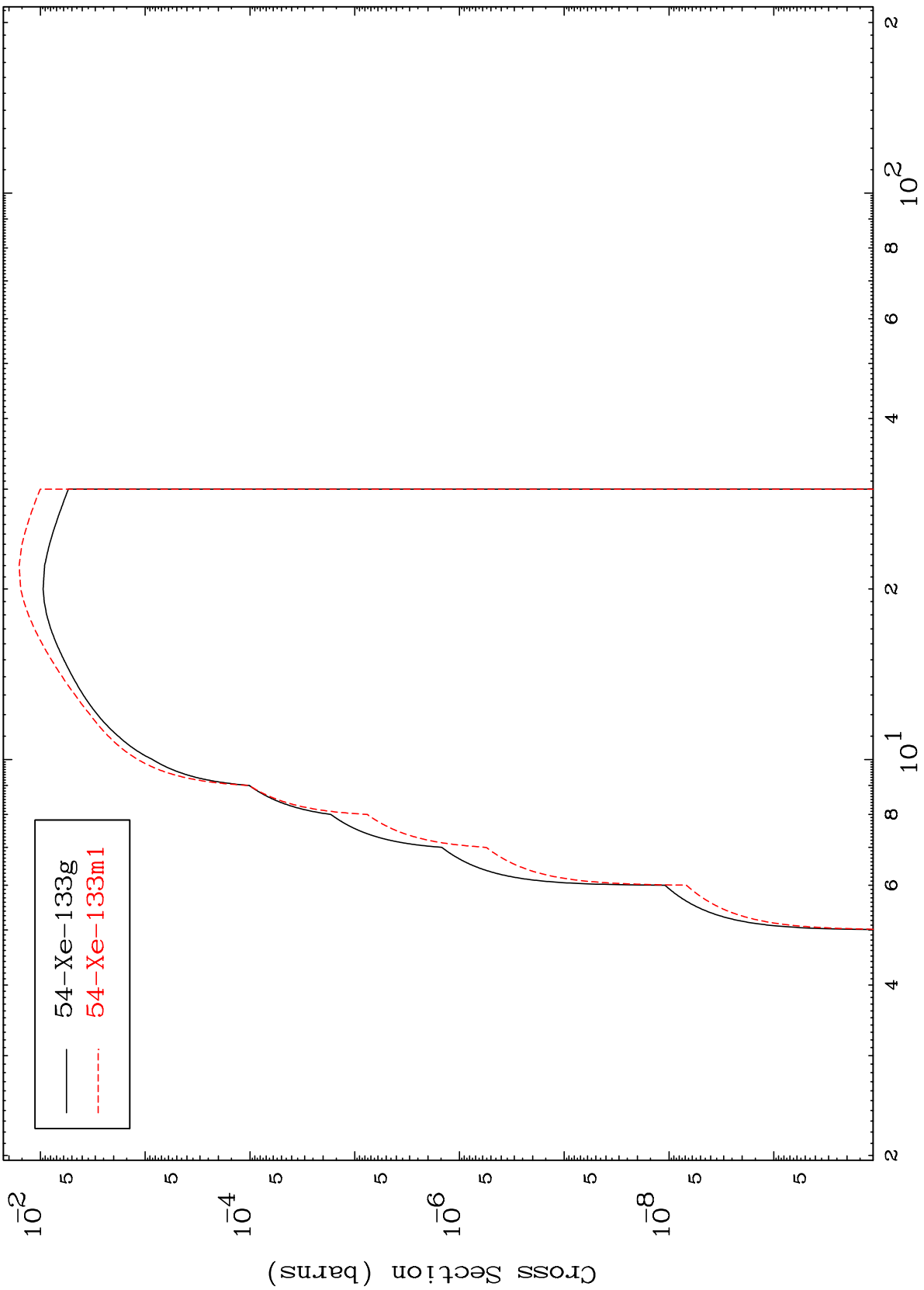
Radionuclide Production Cross Section



MAT 5449

54-Xe-132

(n,n') p  
Radionuclide Production Cross Section



54-Xe-132

Incident Energy (MeV)

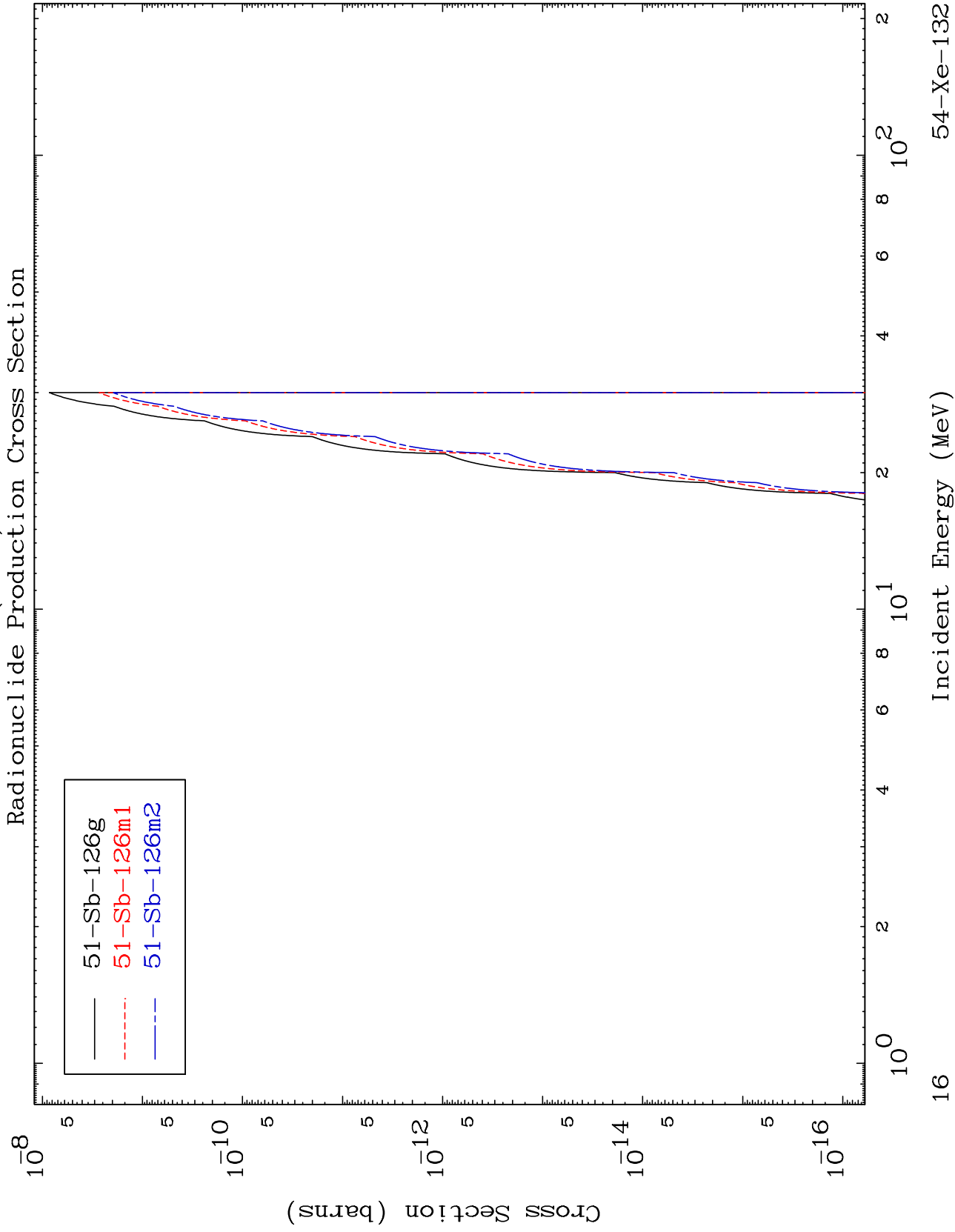
15

MAT 5449

(n,n') 2α

54-Xe-132

Radionuclide Production Cross Section

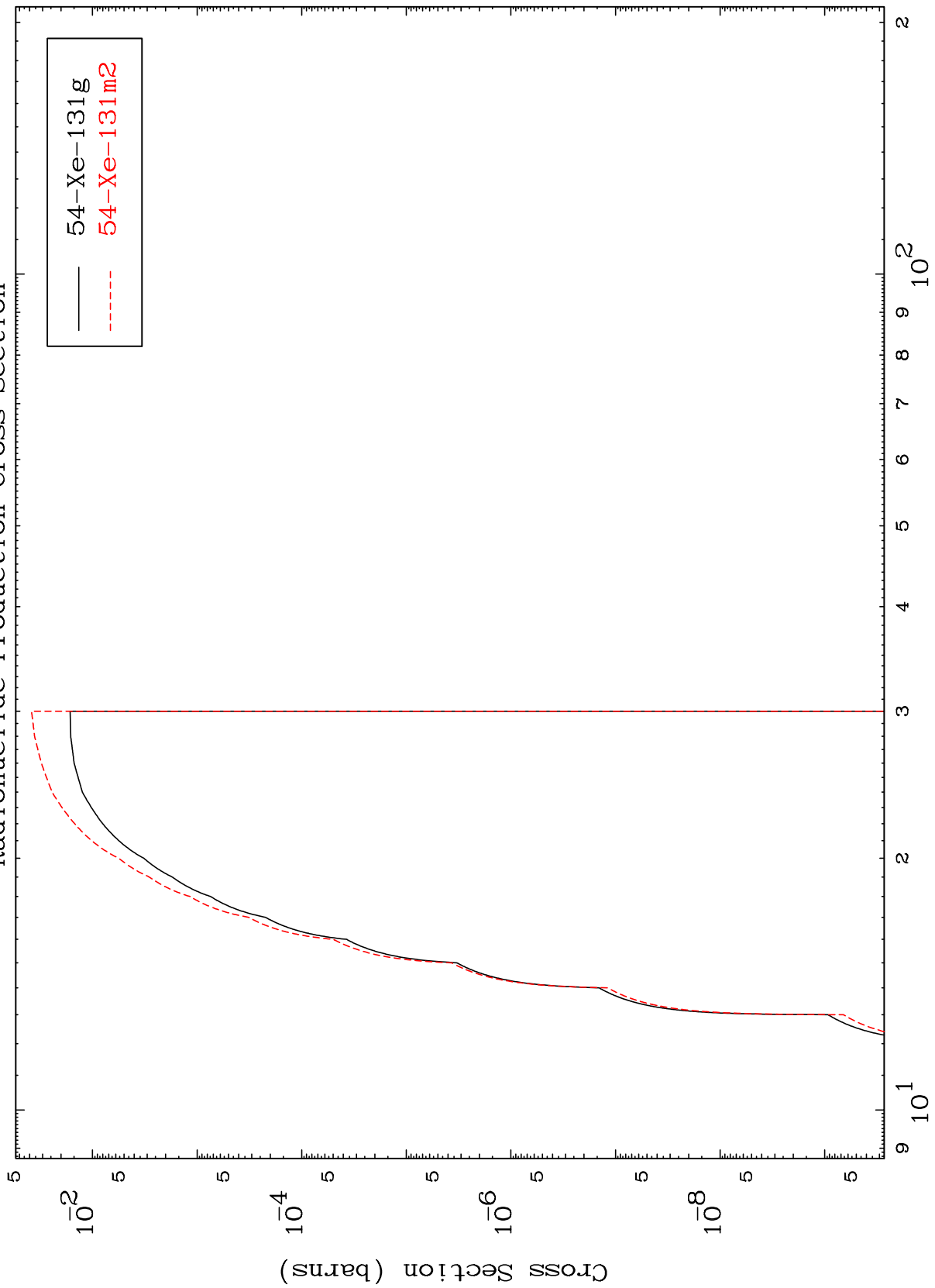


MAT 5449

(n,n') t

54-Xe-132

Radionuclide Production Cross Section



17

Incident Energy (MeV)

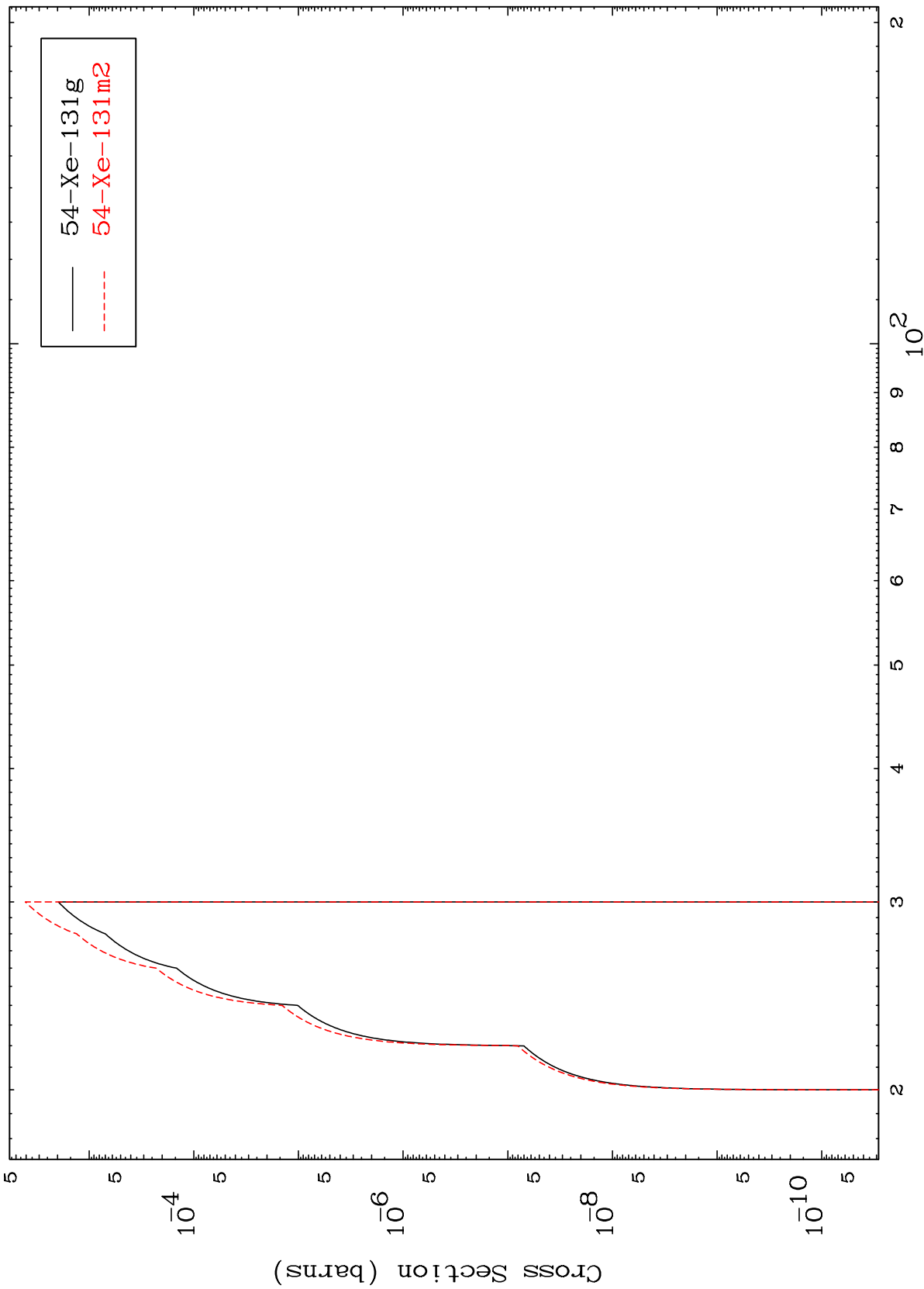
54-Xe-132

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(n,3n) p

54-Xe-132

Radionuclide Production Cross Section



18

Incident Energy (MeV)

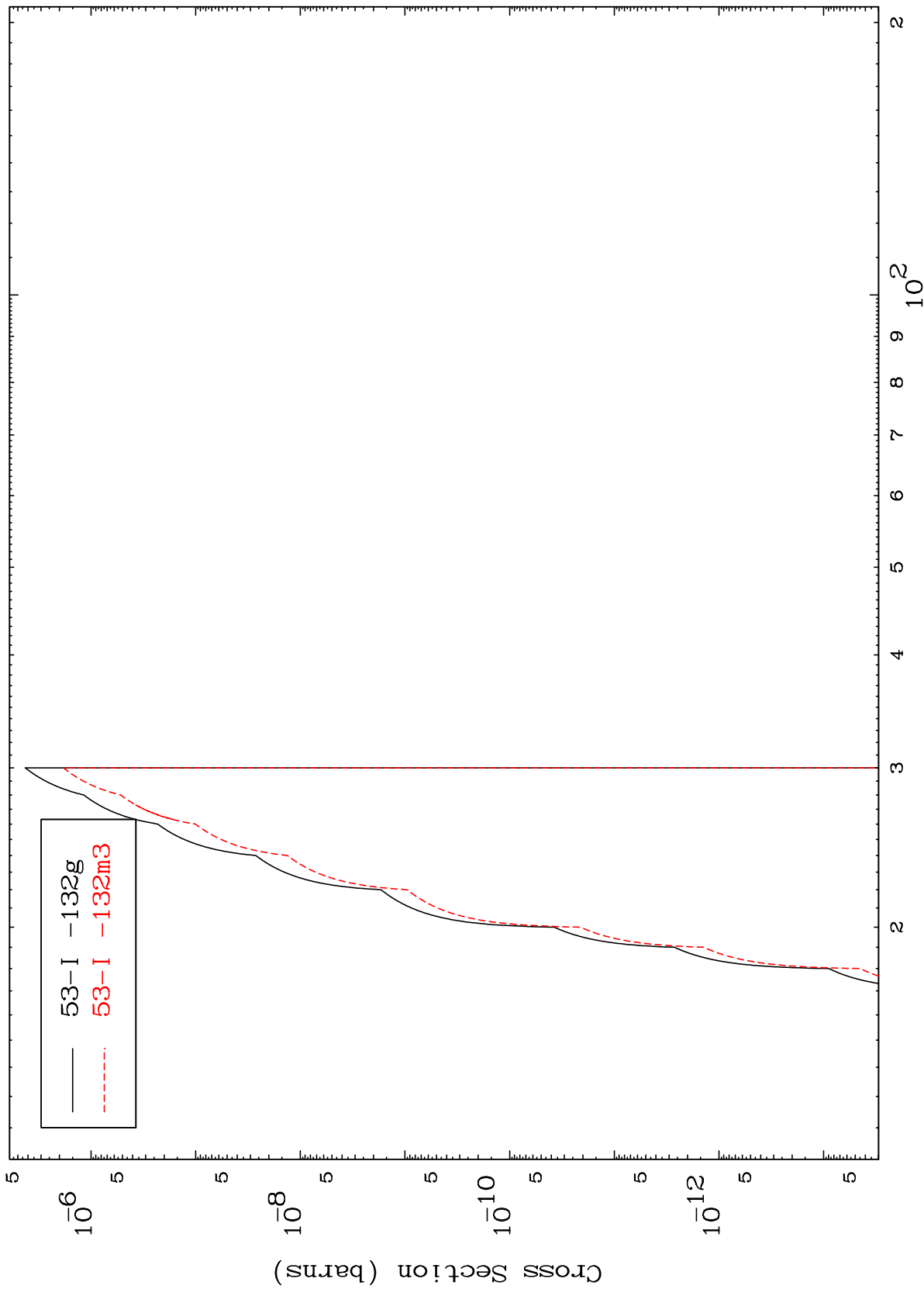
54-Xe-132

MAT 5449

(n,2n) p

54-Xe-132

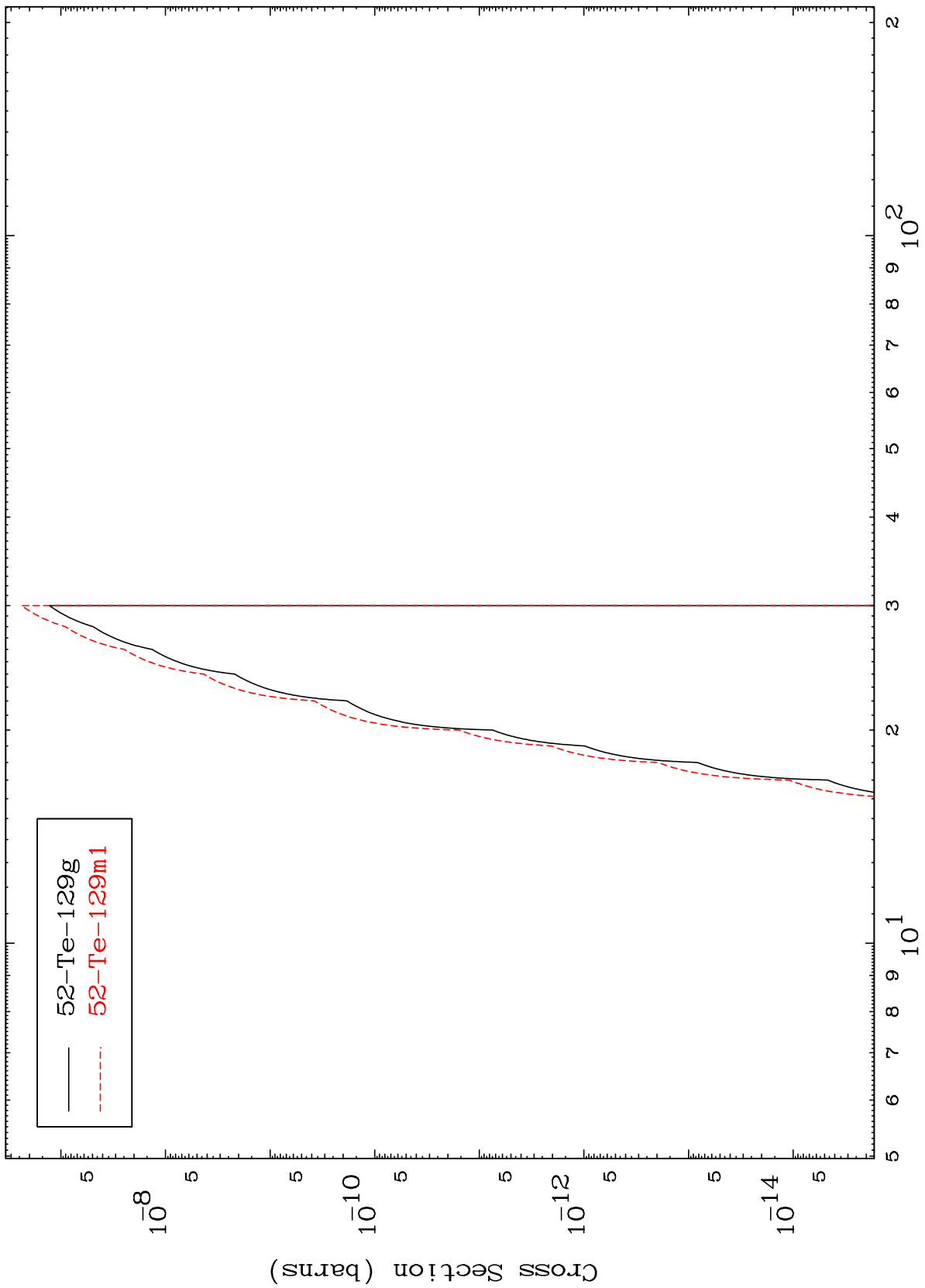
Radionuclide Production Cross Section



MAT 5449

54-Xe-132

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



20

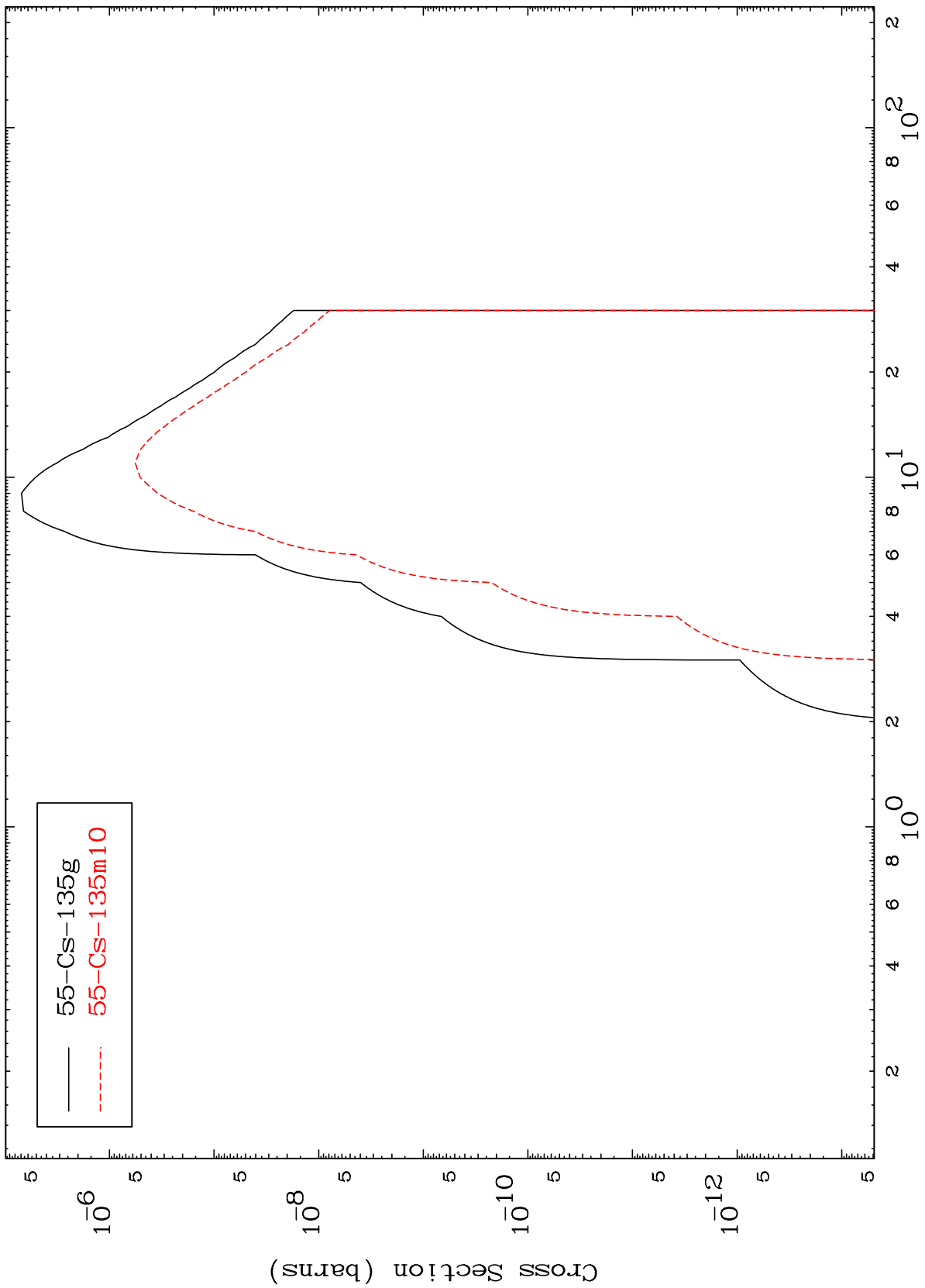
Incident Energy (MeV)

54-Xe-132

MAT 5449

54-Xe-132

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



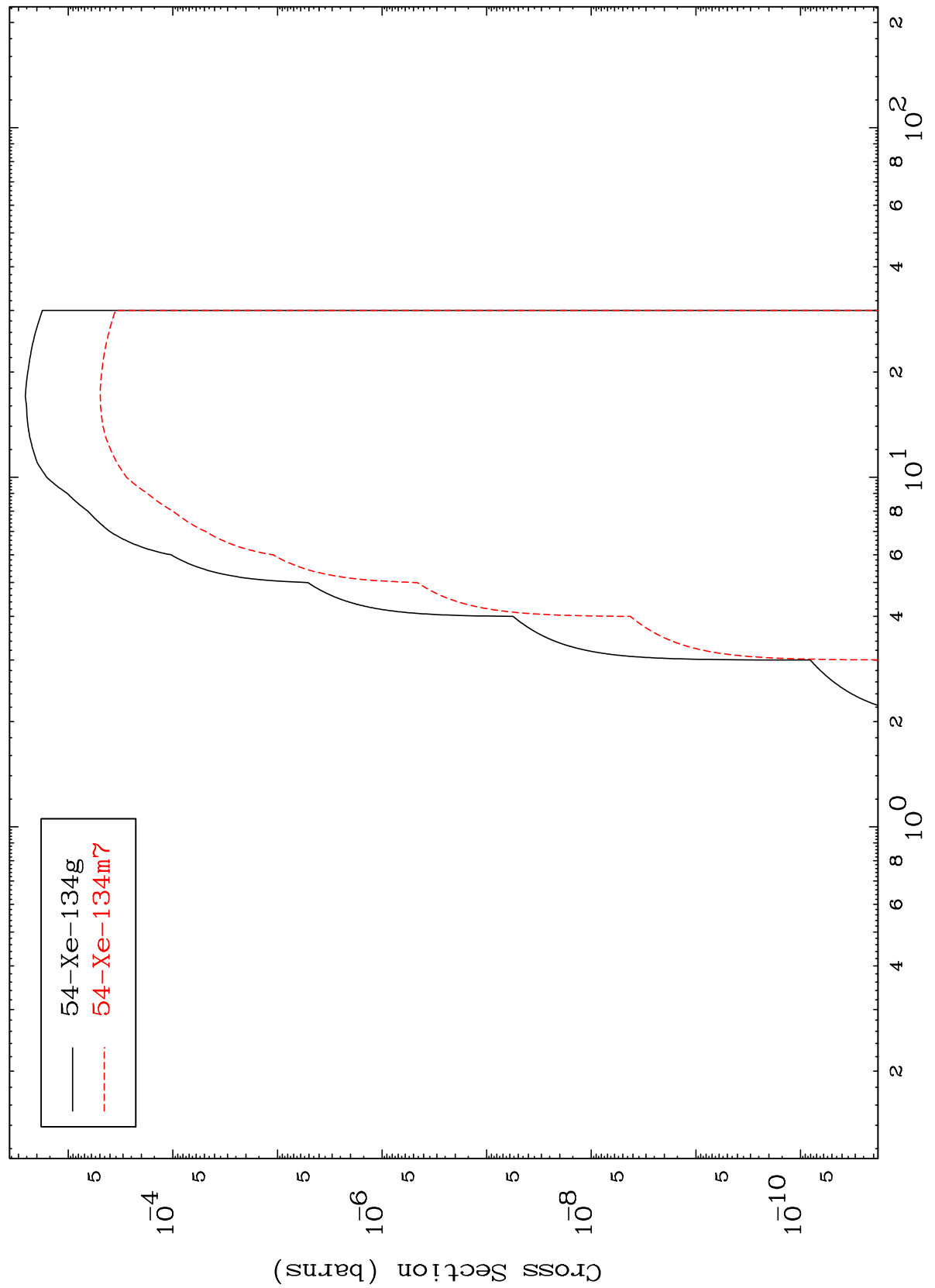
54-Xe-132

Incident Energy (MeV)

MAT 5449

54-Xe-132

(n,p)  
Radionuclide Production Cross Section



54-Xe-132

Incident Energy (MeV)

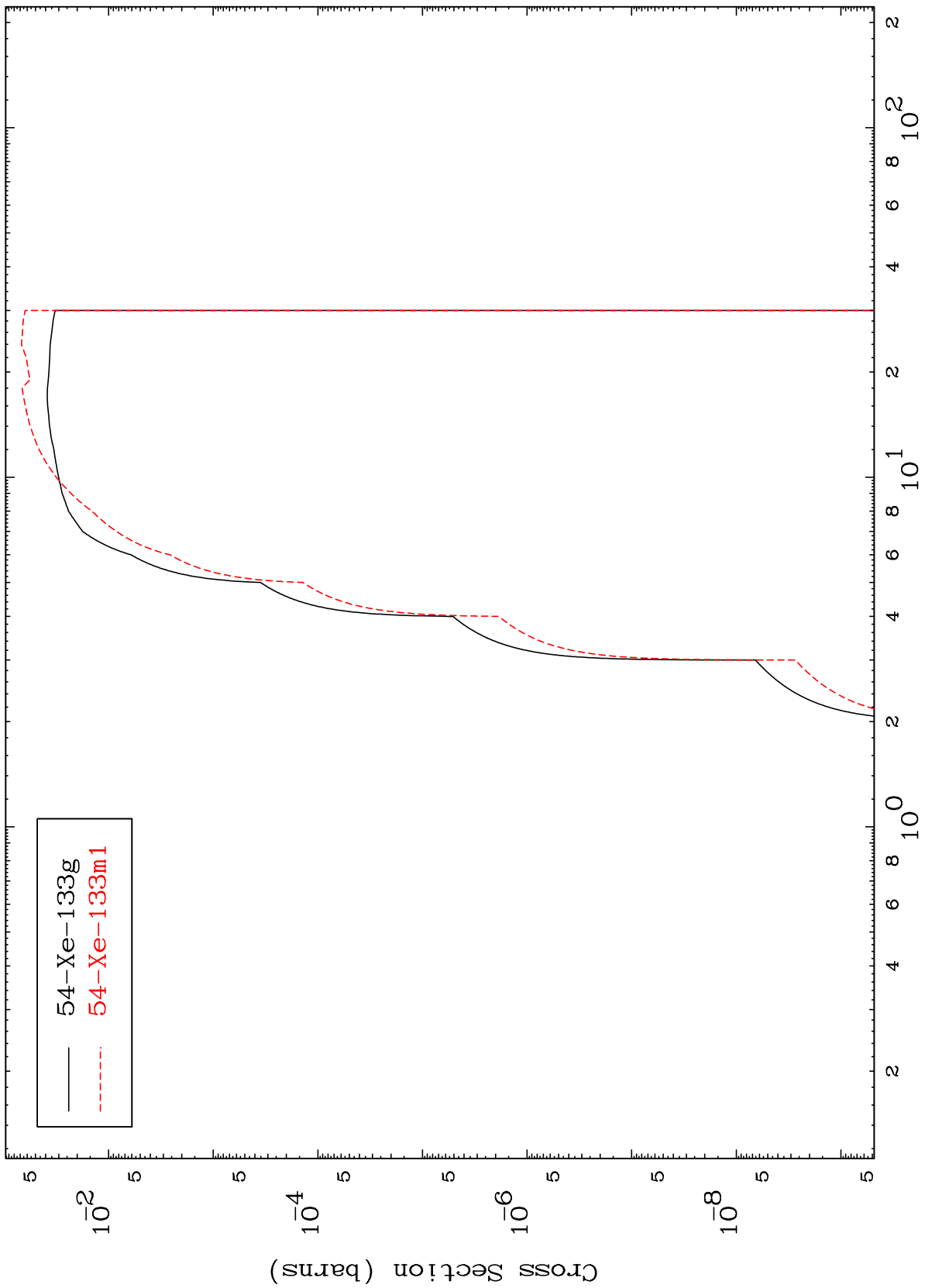
22

MAT 5449

54-Xe-132

(n,d)

Radionuclide Production Cross Section

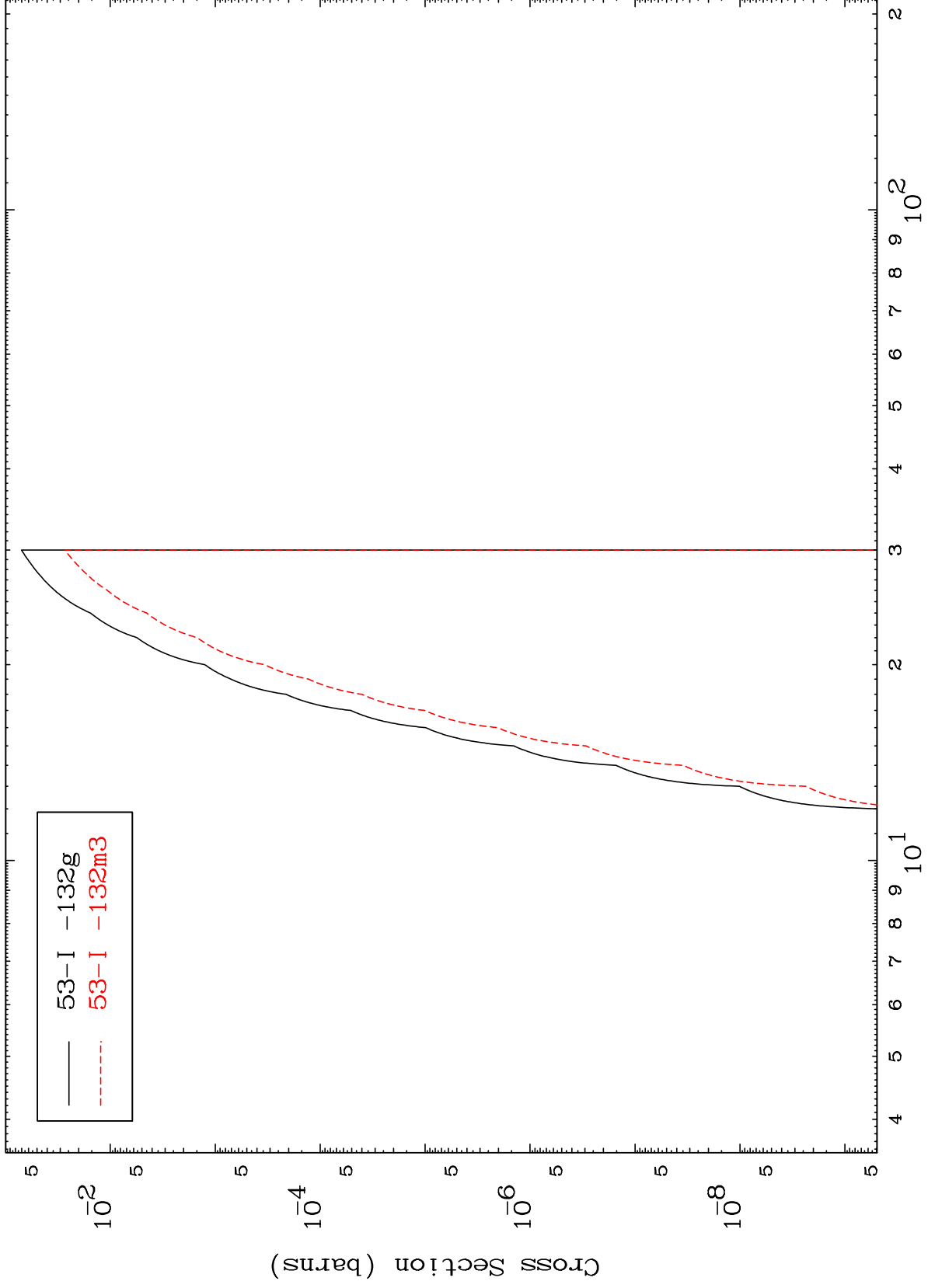


MAT 5449

(n,He-3)

54-Xe-132

Radionuclide Production Cross Section



53-I-132g  
53-I-132m3

24

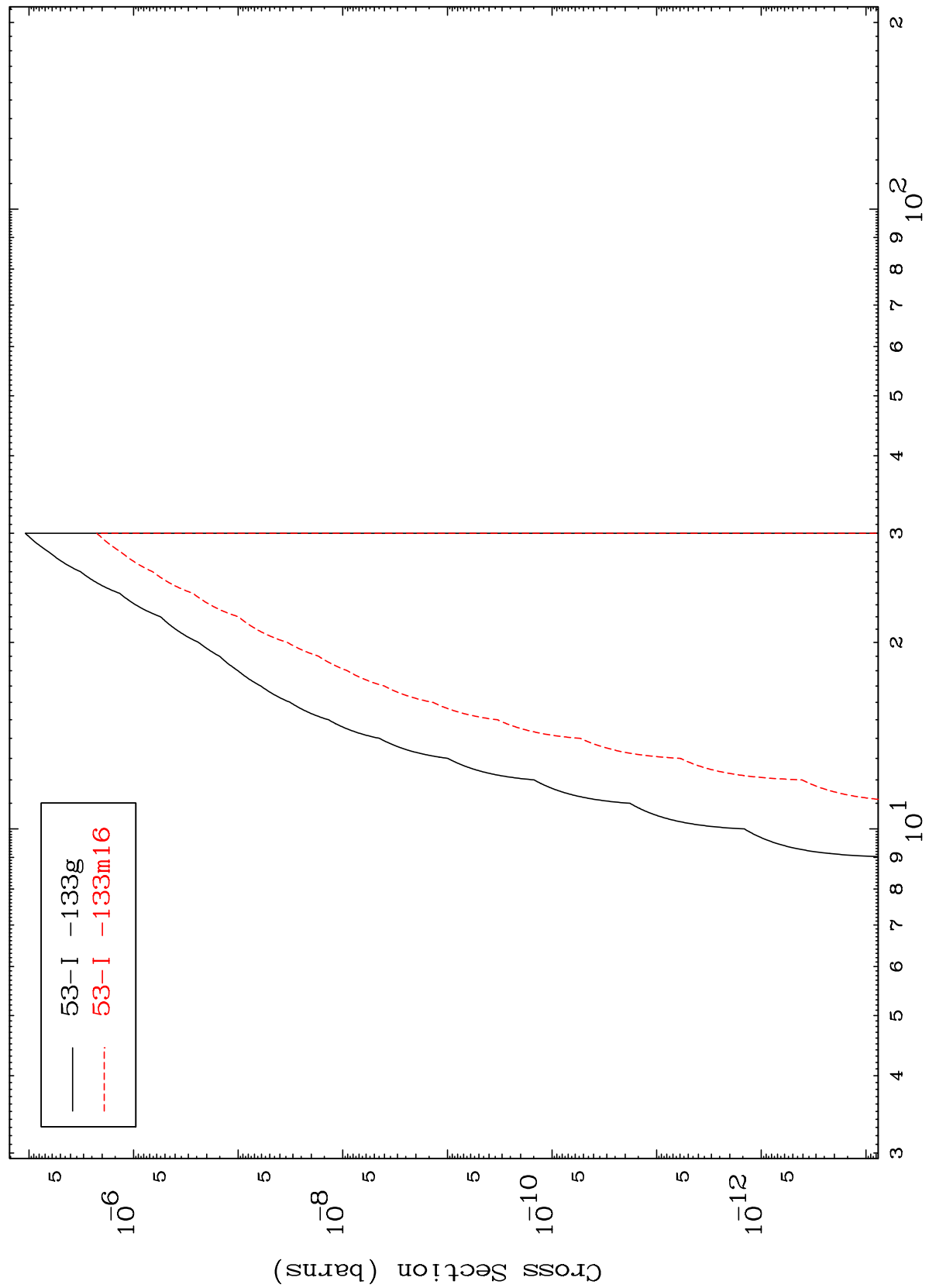
Incident Energy (MeV)

54-Xe-132

MAT 5449

54-Xe-132

(n,2p)  
Radionuclide Production Cross Section



53-I-133g  
53-I-133m16

25

54-Xe-132

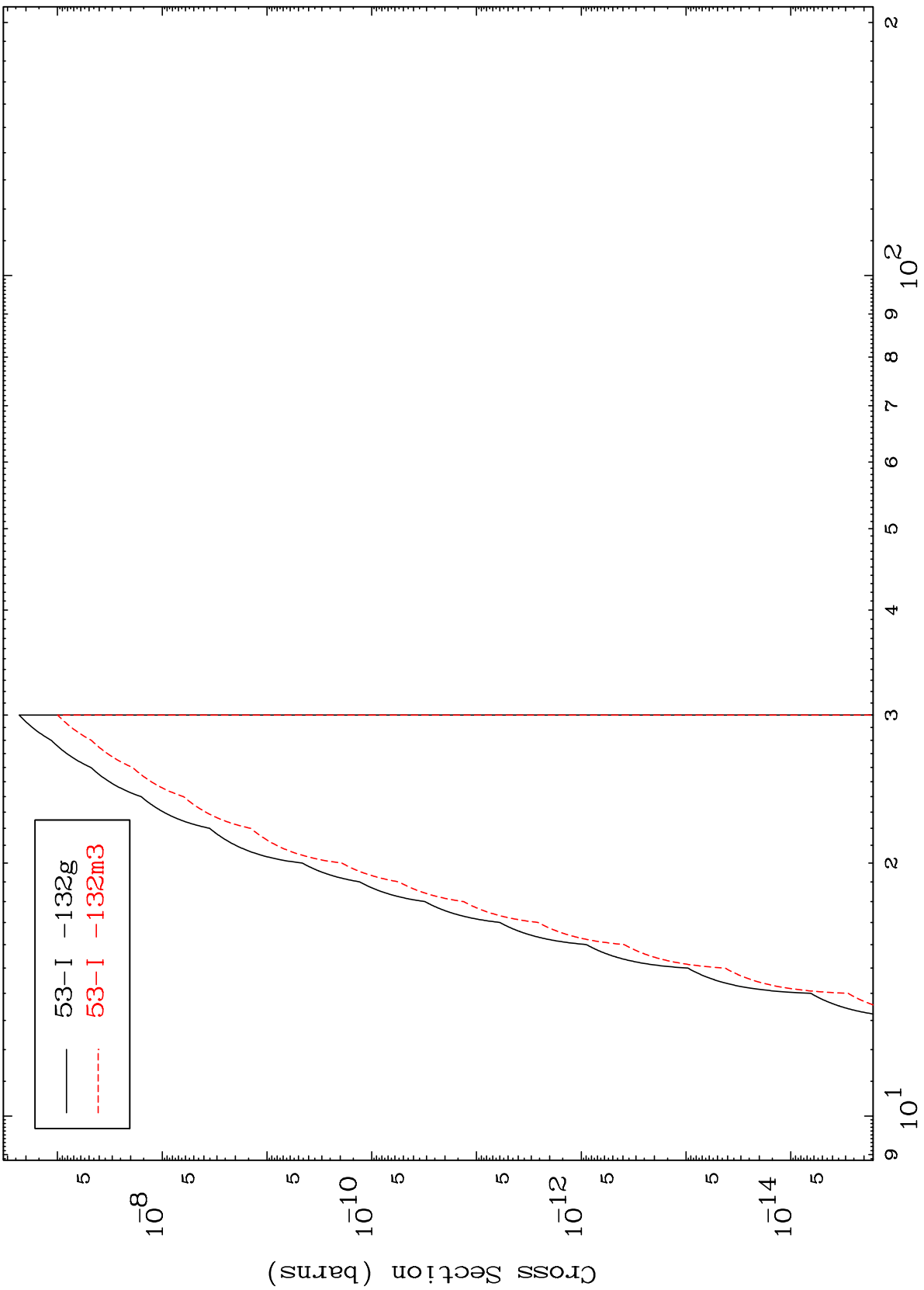
Incident Energy (MeV)

MAT 5449

(n,p) d

54-Xe-132

Radionuclide Production Cross Section



53-I -132g  
53-I -132m3

26

Incident Energy (MeV)

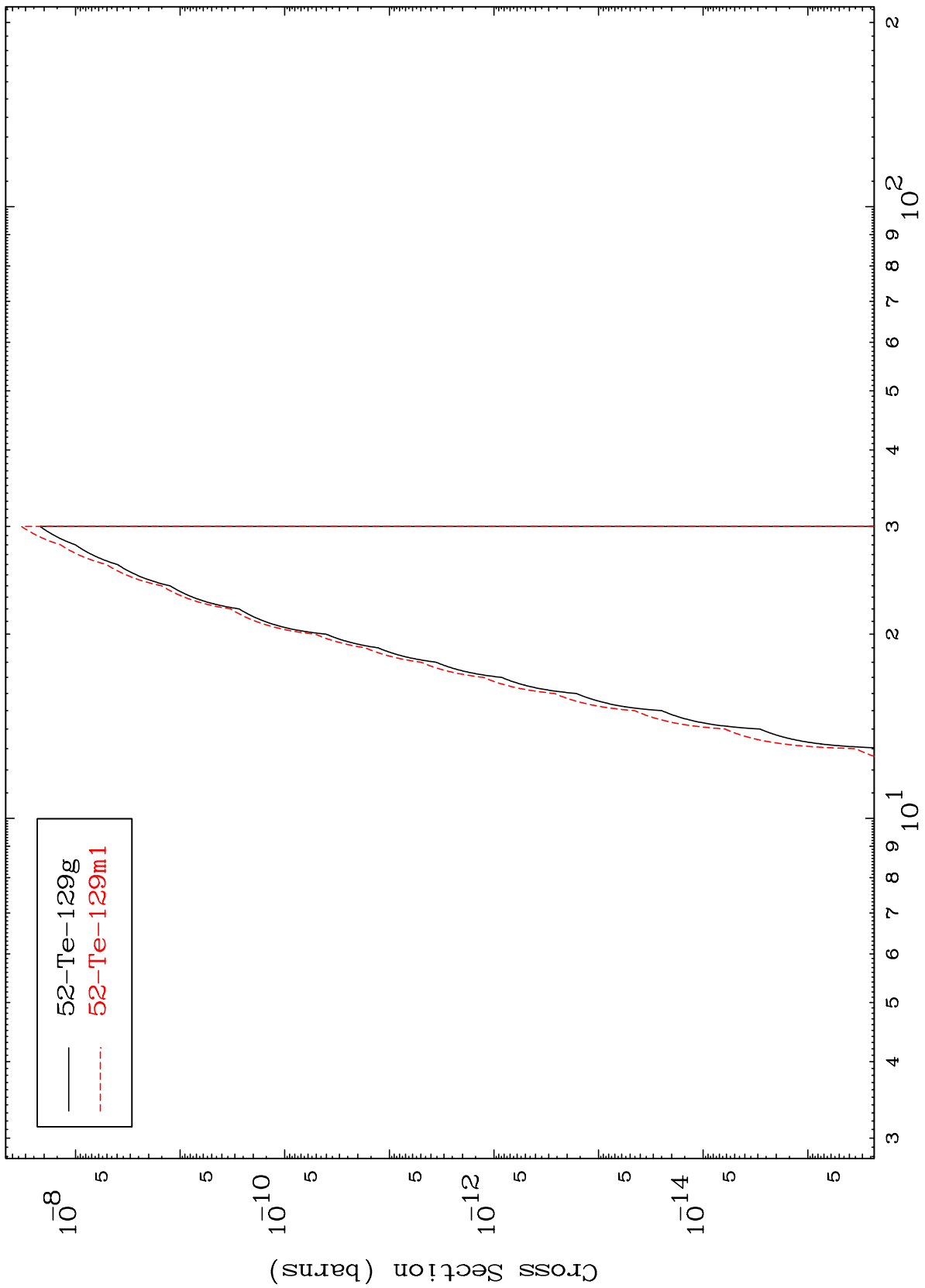
54-Xe-132

MAT 5449

(n,d)  $\alpha$

54-Xe-132

Radionuclide Production Cross Section



27

Incident Energy (MeV)

54-Xe-132