

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

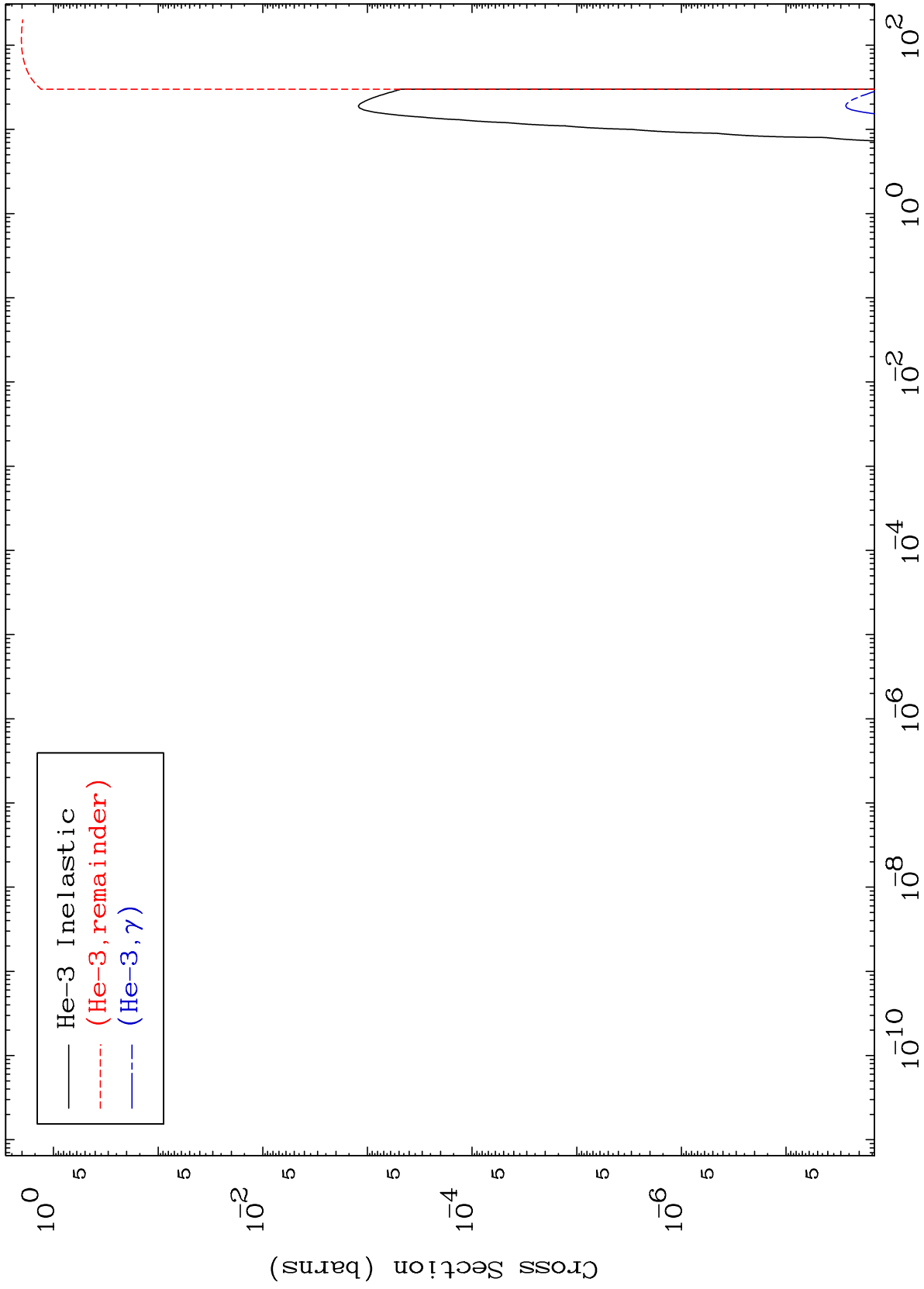
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5459

He-3 Major  
0 Kelvin Cross Sections

54-Xe-135



1

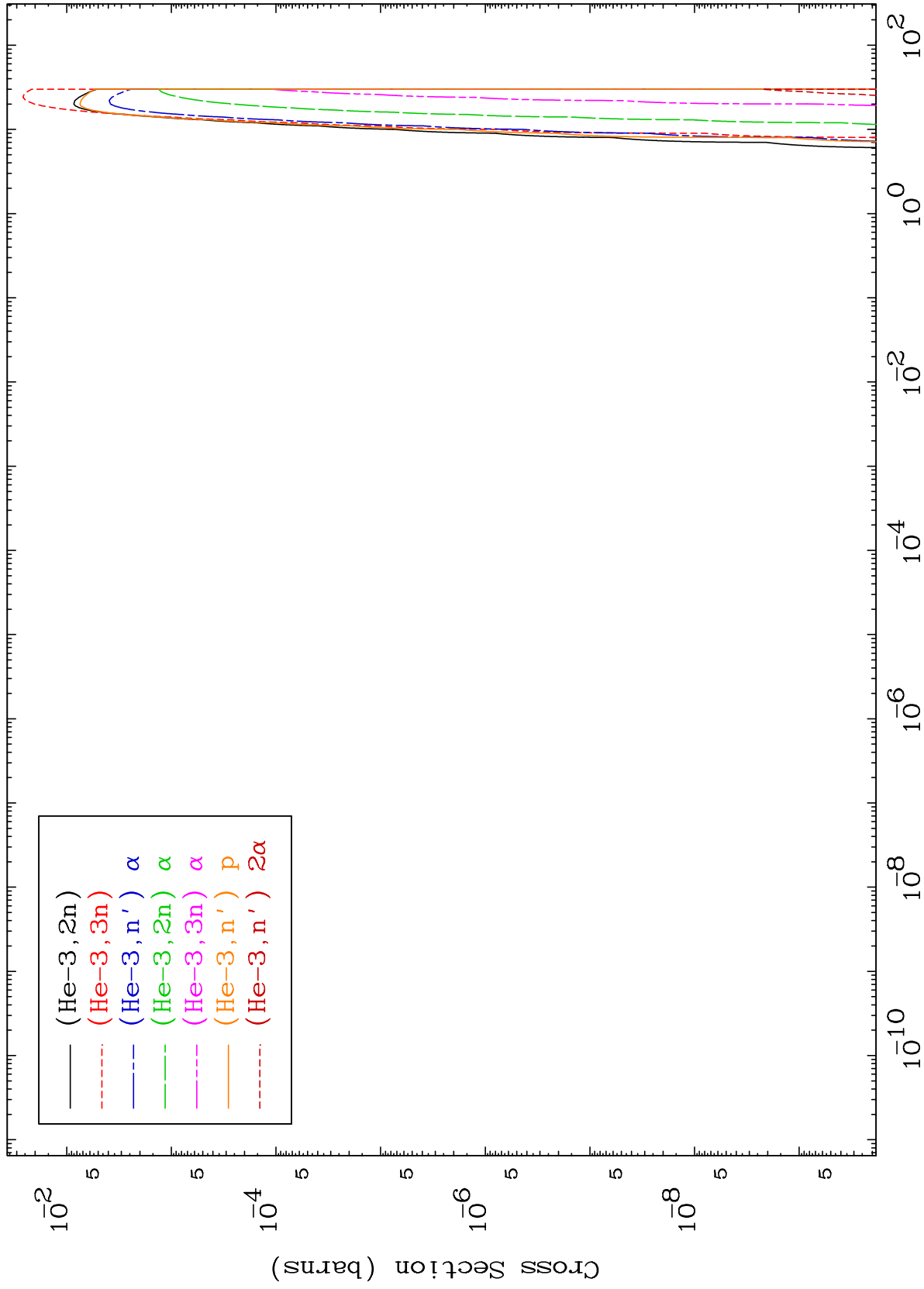
Incident Energy (MeV)

54-Xe-135

MAT 5459

He-3 Neutron Production  
0 Kelvin Cross Sections

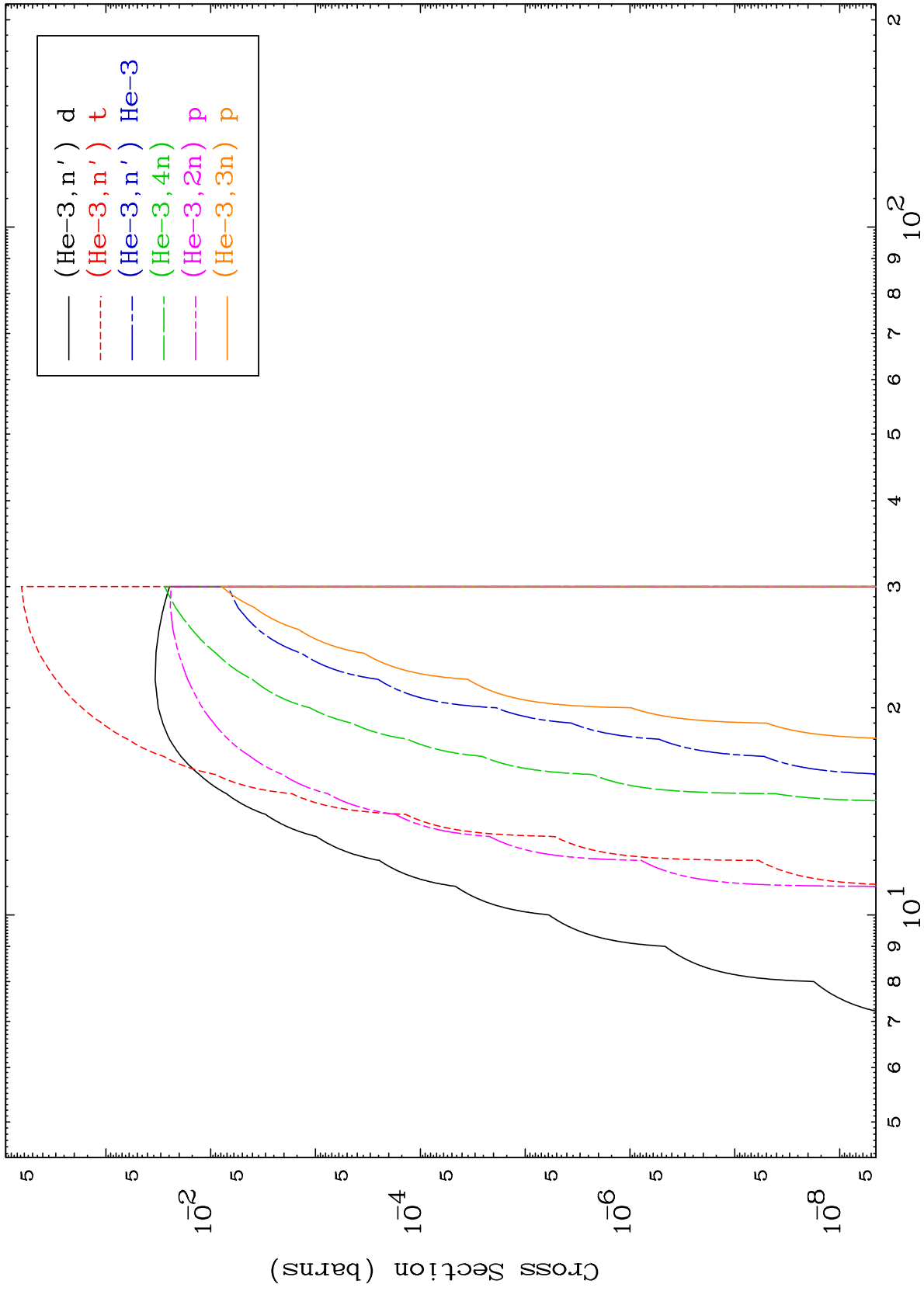
54-Xe-135



2

Incident Energy (MeV)

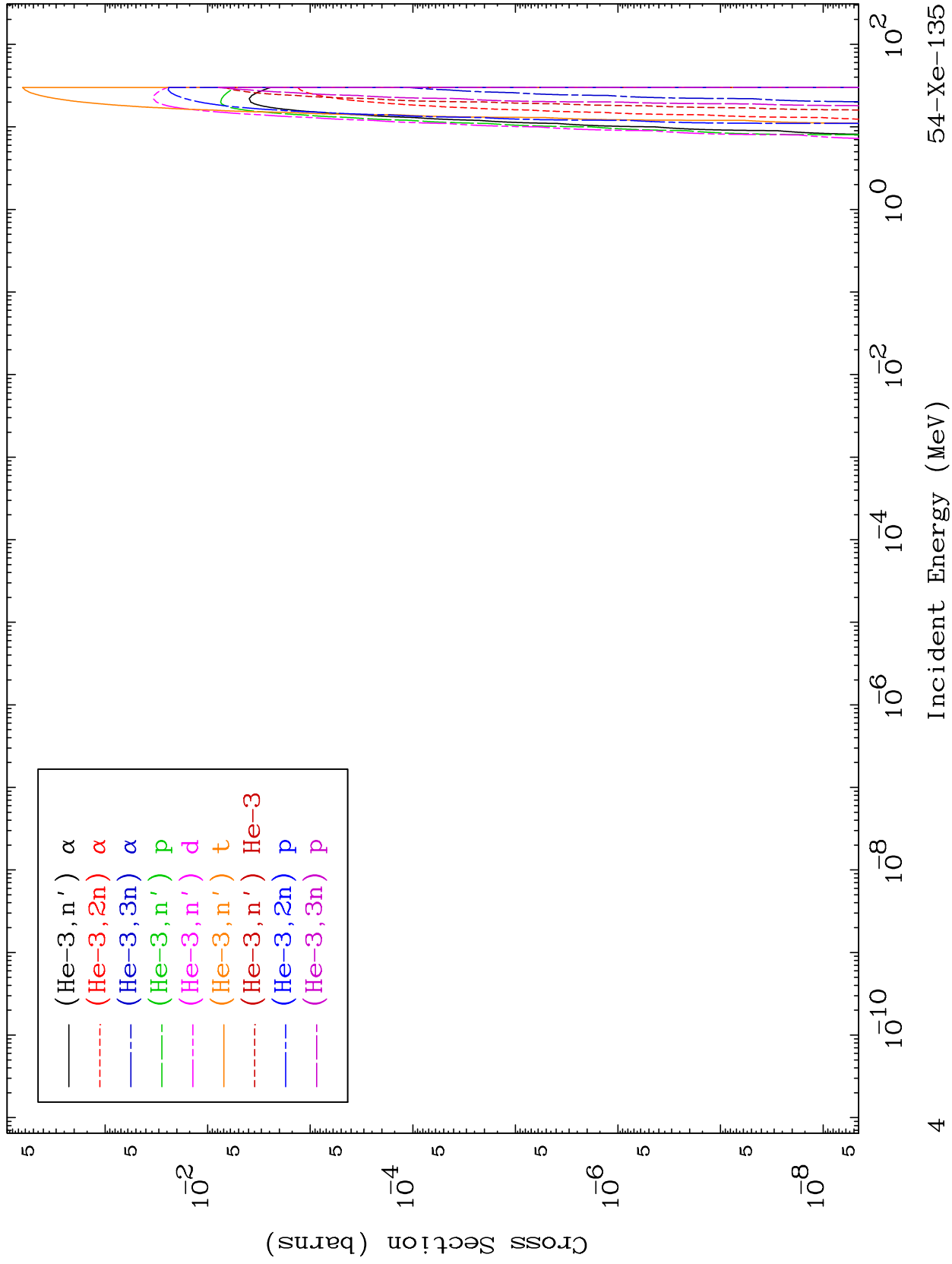
54-Xe-135



MAT 5459

He-3 Charged Particle  
0 Kelvin Cross Sections

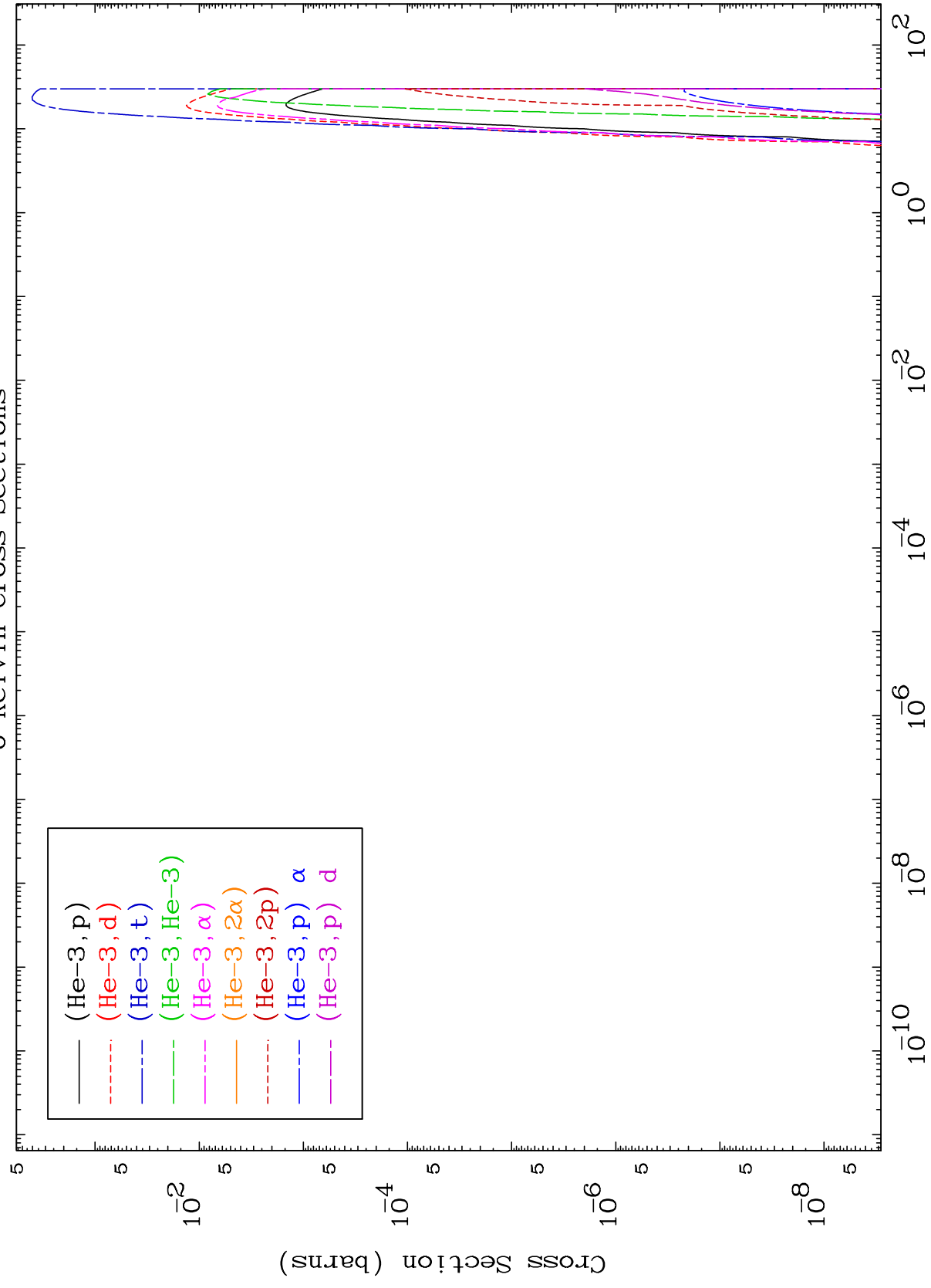
54-Xe-135



MAT 5459

He-3 Charged Particle  
0 Kelvin Cross Sections

54-Xe-135



5

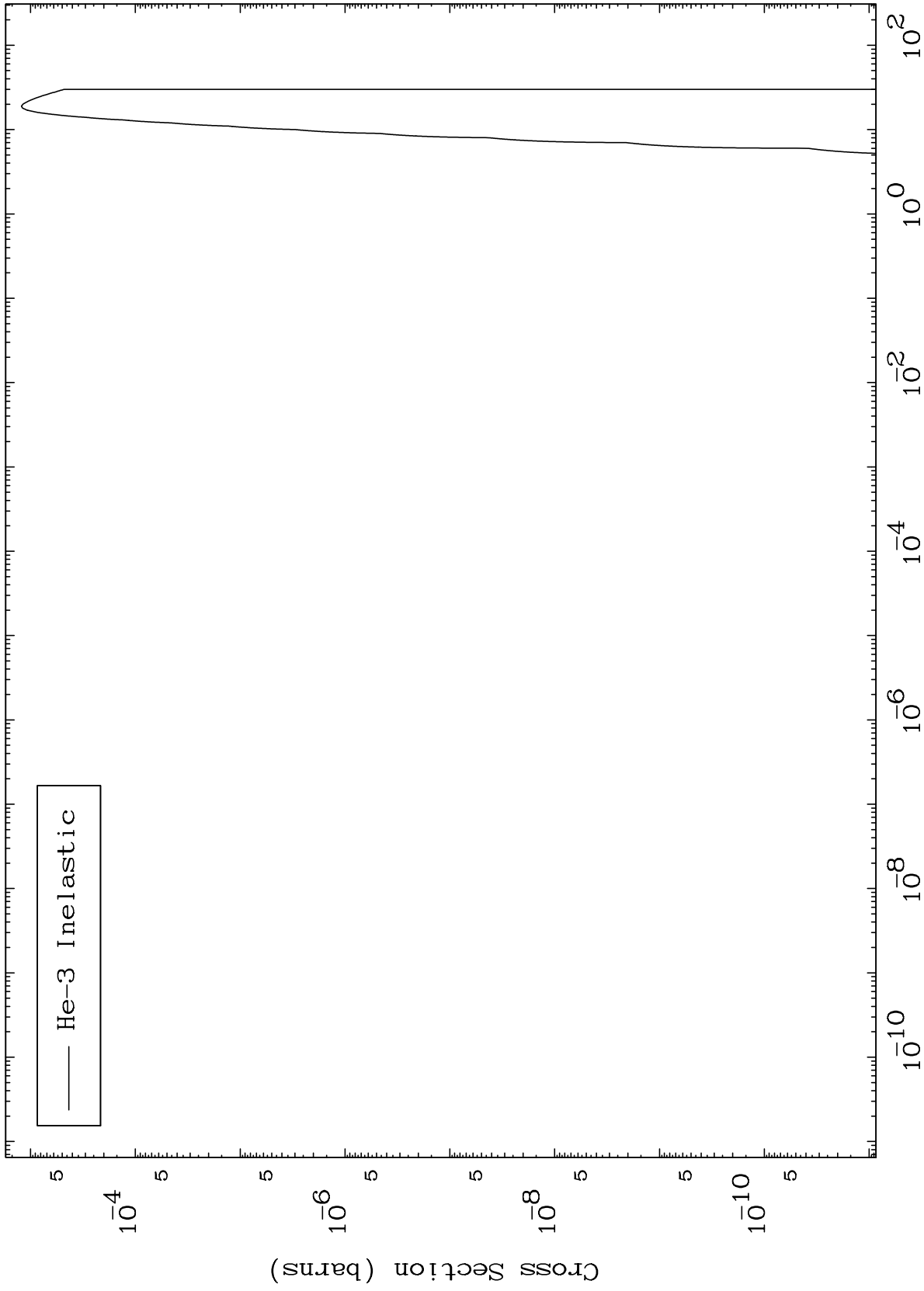
Incident Energy (MeV)

54-Xe-135

MAT 5459

(He-3, n') Level  
0 Kelvin Cross Sections

54-Xe-135



6

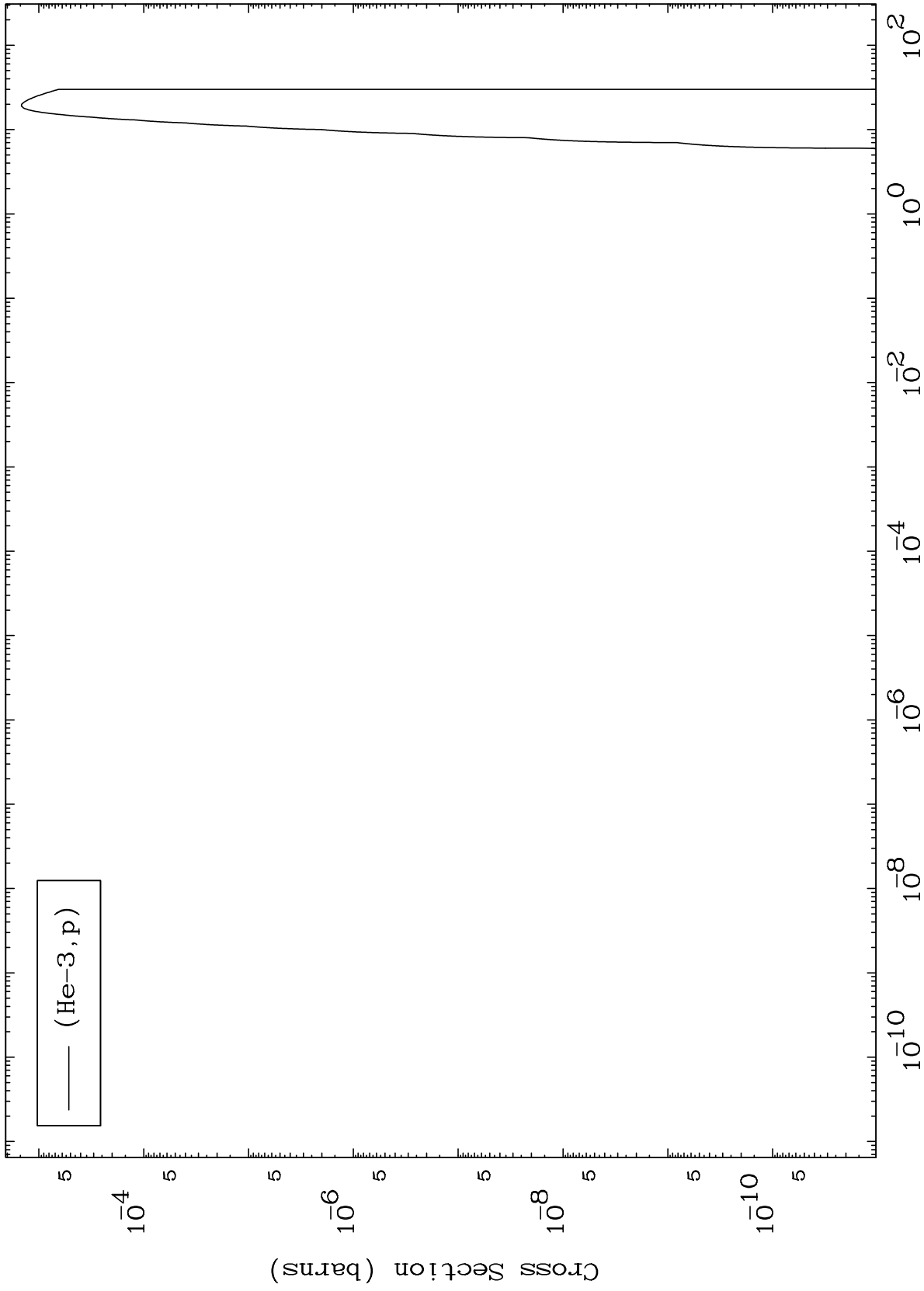
Incident Energy (MeV)

54-Xe-135

MAT 5459

(He-3,p) Levels  
0 Kelvin Cross Sections

54-Xe-135



7

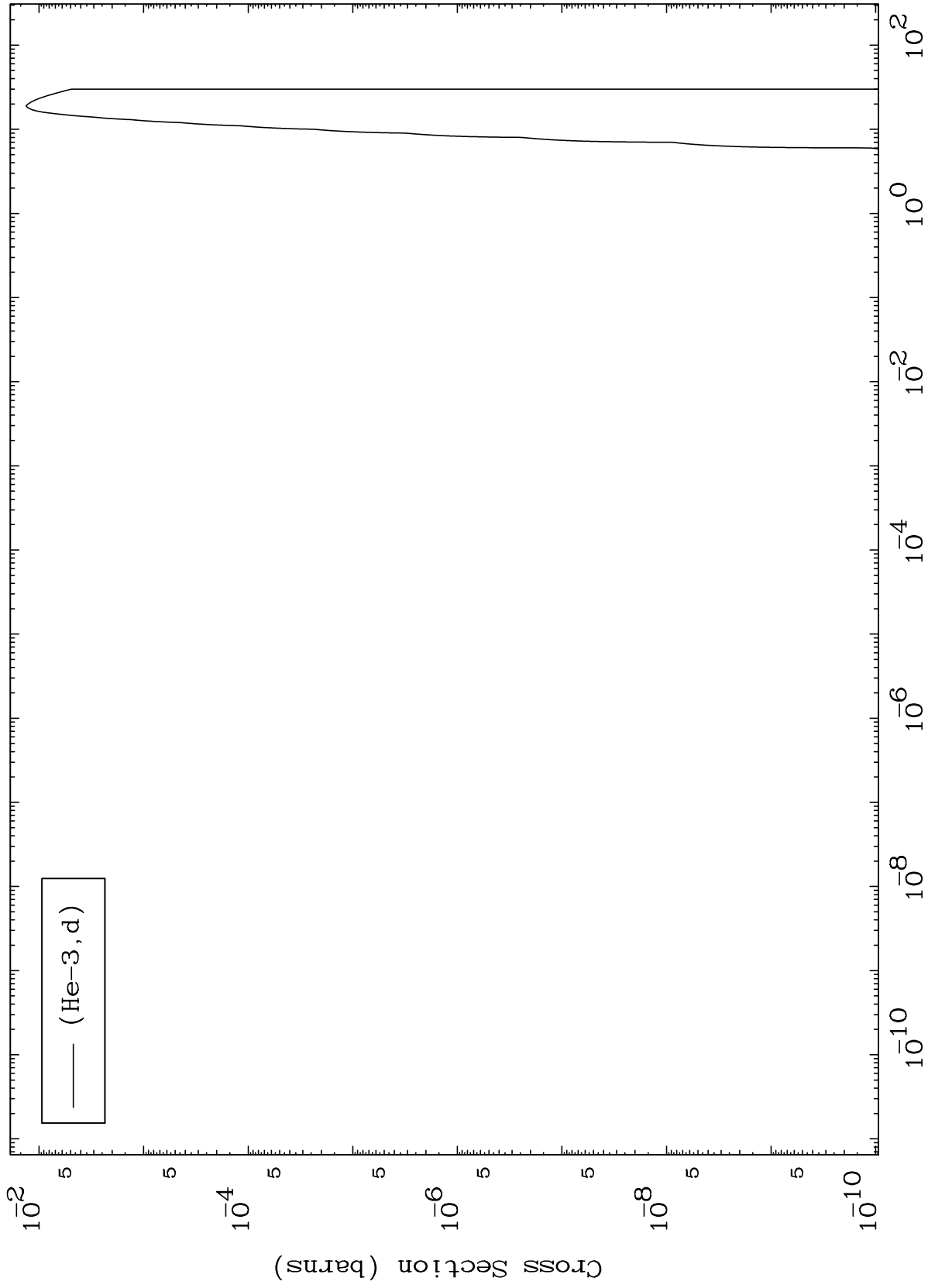
Incident Energy (MeV)

54-Xe-135

MAT 5459

(He-3,d) Levels  
0 Kelvin Cross Sections

54-Xe-135



8

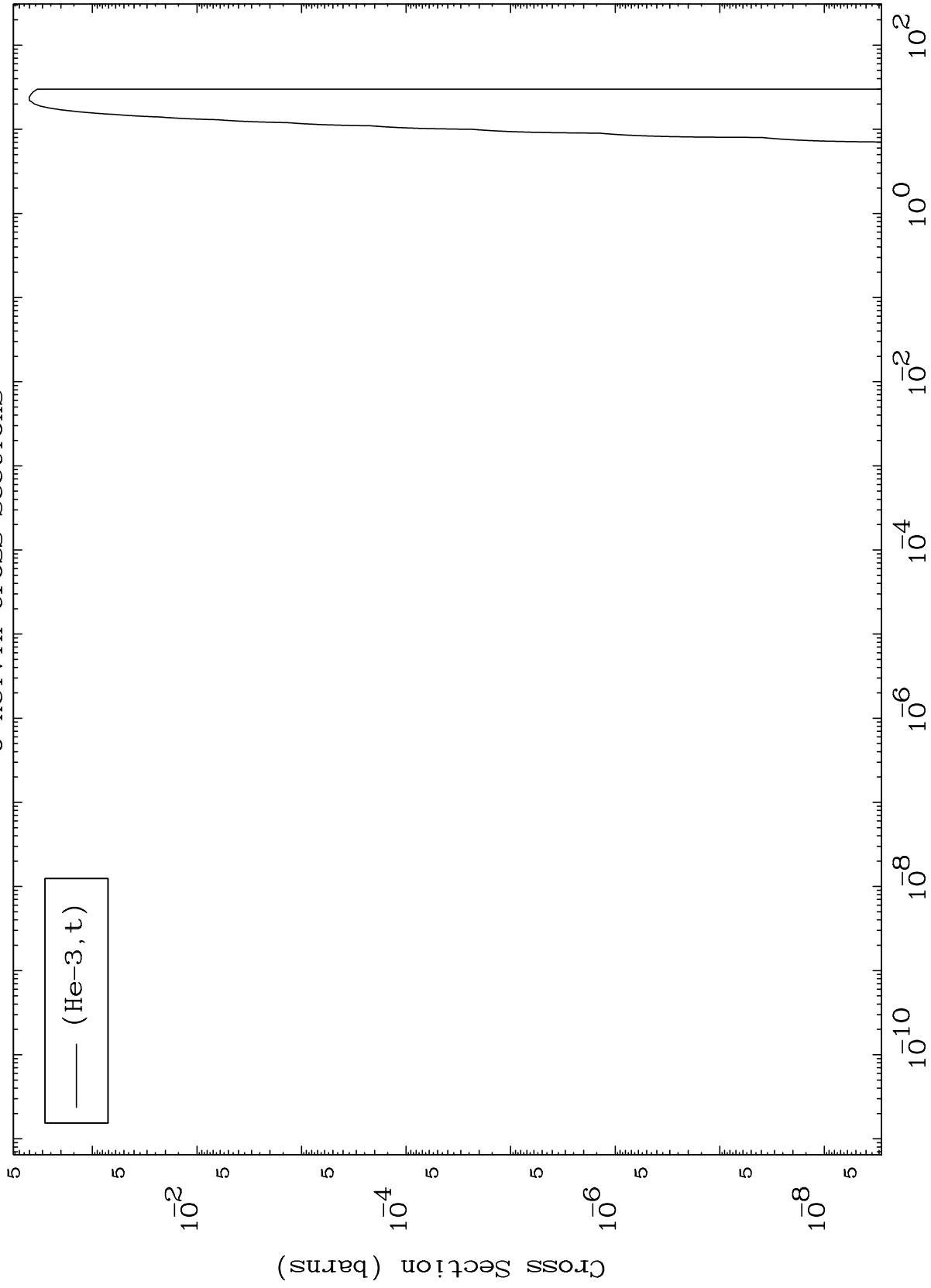
Incident Energy (MeV)

54-Xe-135

MAT 5459

(He-3,t) Levels  
0 Kelvin Cross Sections

54-Xe-135



9

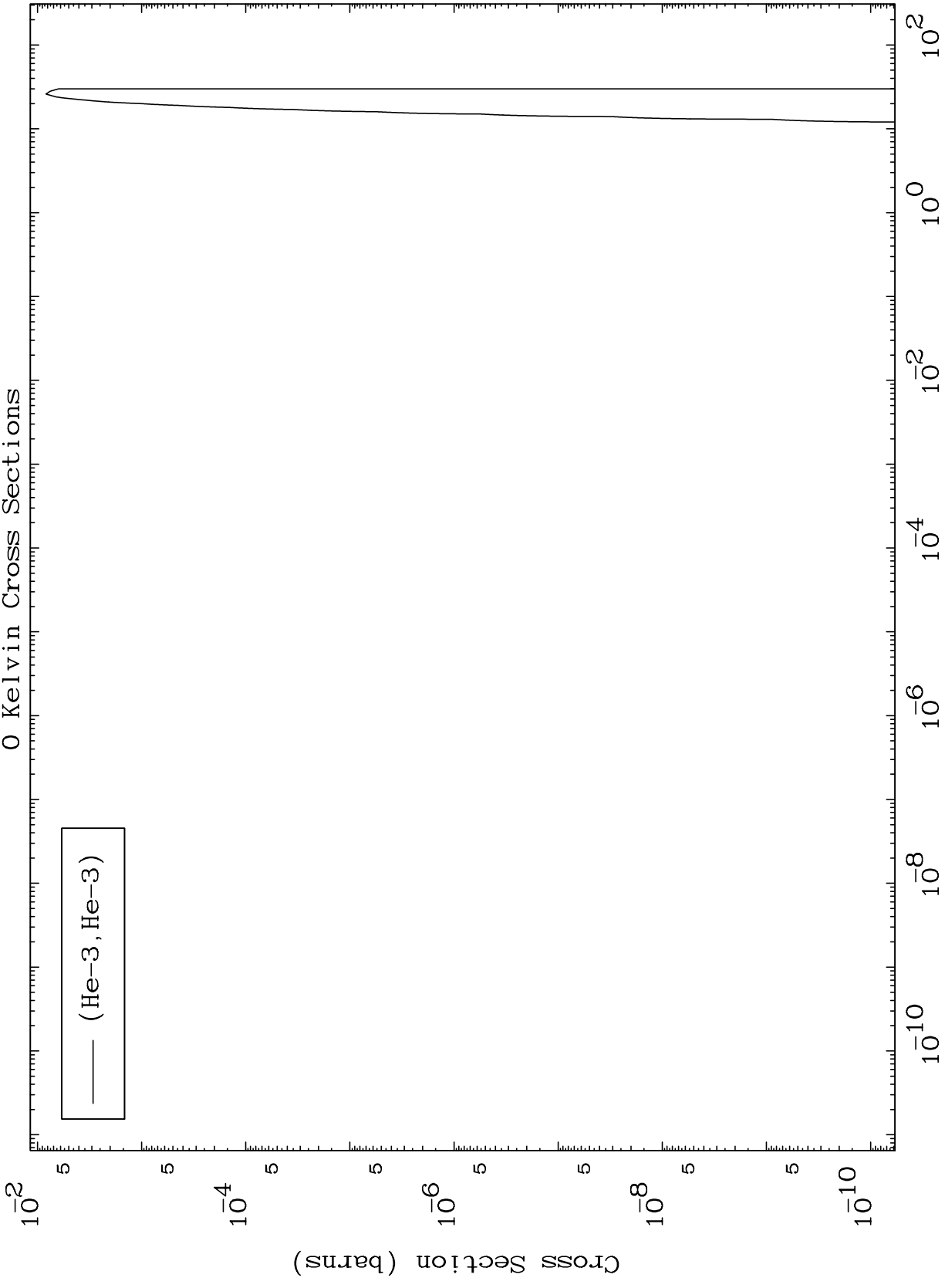
Incident Energy (MeV)

54-Xe-135

MAT 5459

(He-3, He3) Levels  
0 Kelvin Cross Sections

54-Xe-135



10

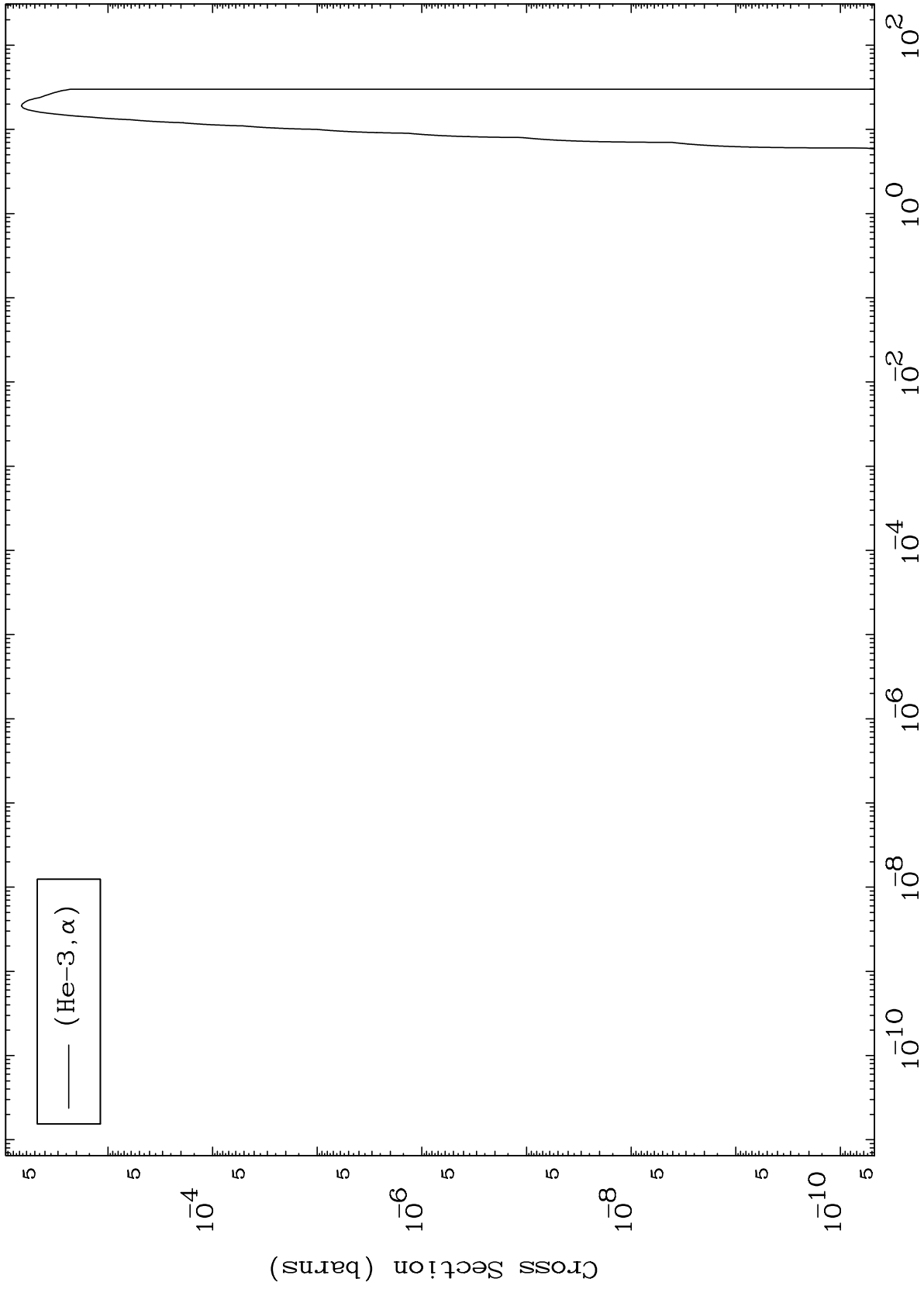
Incident Energy (MeV)

54-Xe-135

MAT 5459

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

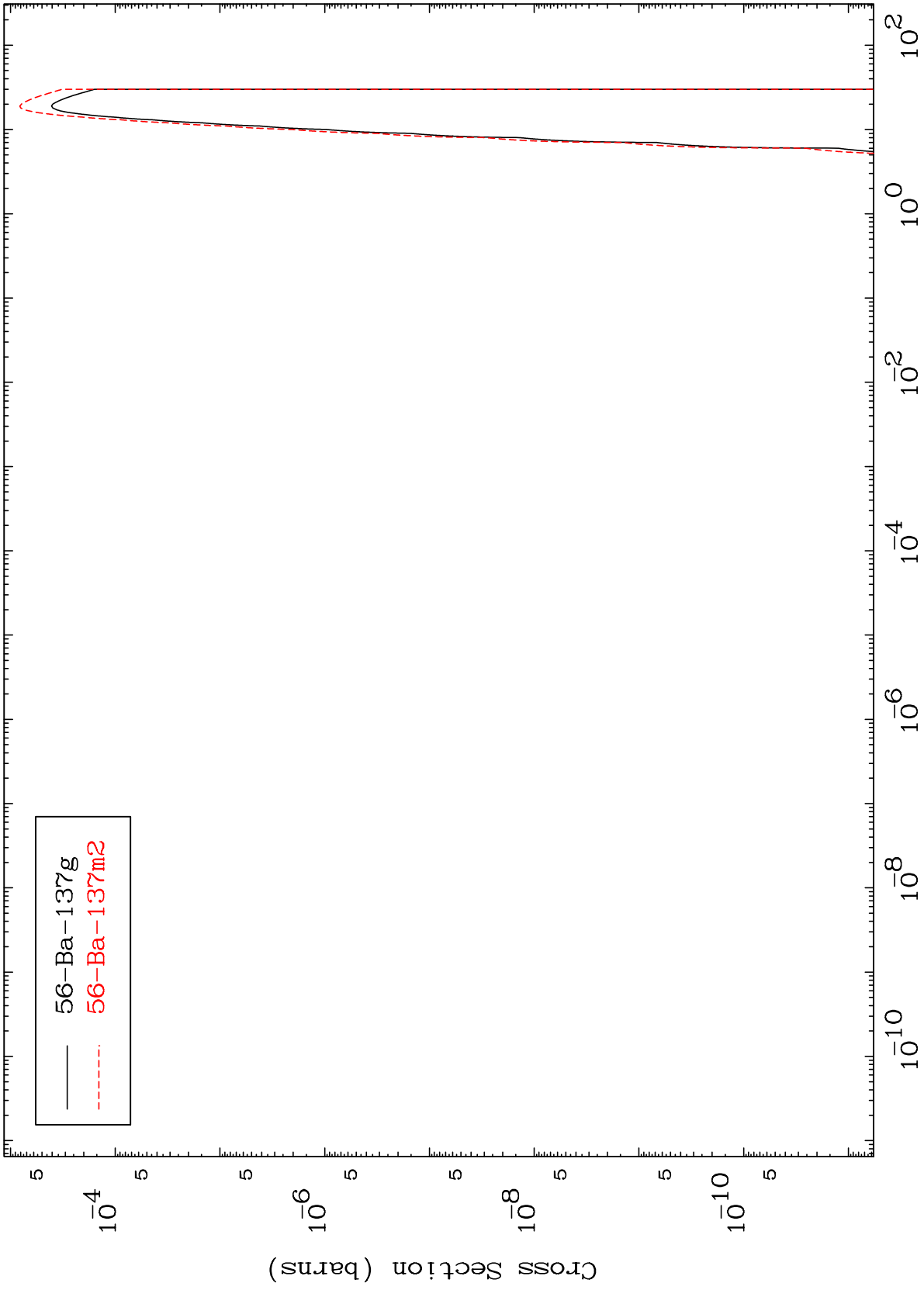
54-Xe-135



MAT 5459

He-3 Inelastic  
Radionuclide Production Cross Section

54-Xe-135



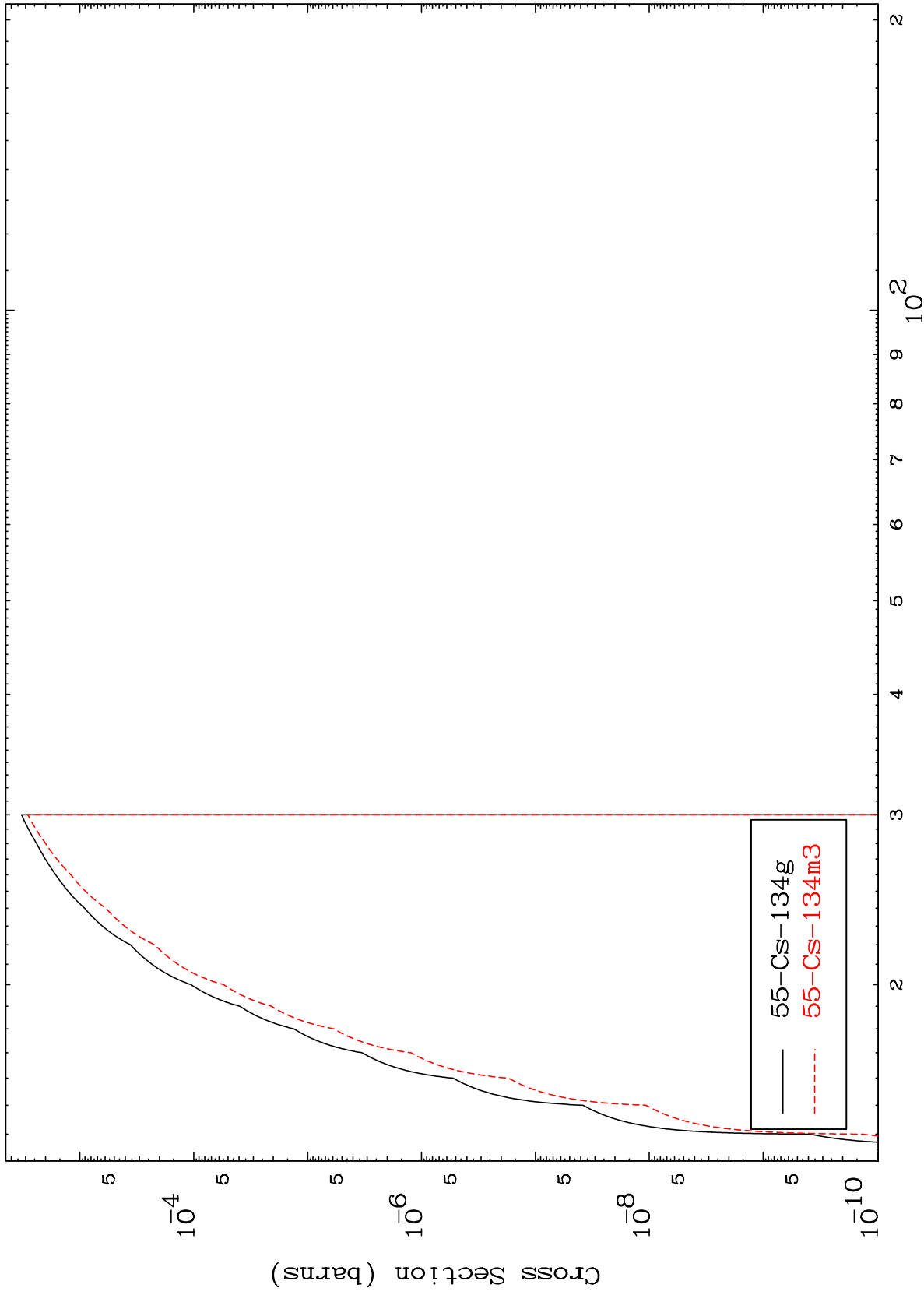
54-Xe-135

MAT 5459

(He-3,2n) d

54-Xe-135

Radionuclide Production Cross Section



13

Incident Energy (MeV)

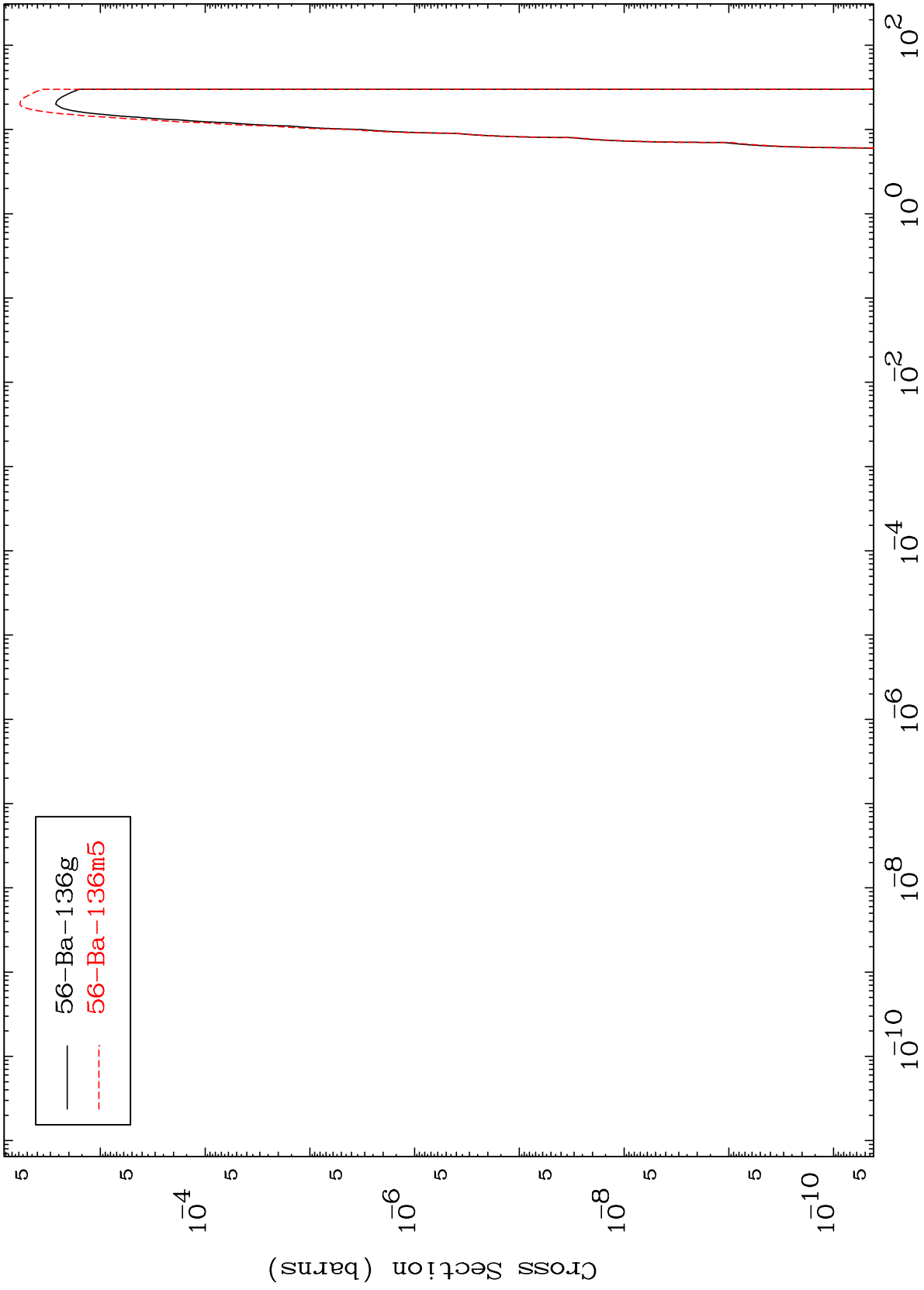
54-Xe-135

MAT 5459

(He-3,2n)

54-Xe-135

Radionuclide Production Cross Section



14

Incident Energy (MeV)

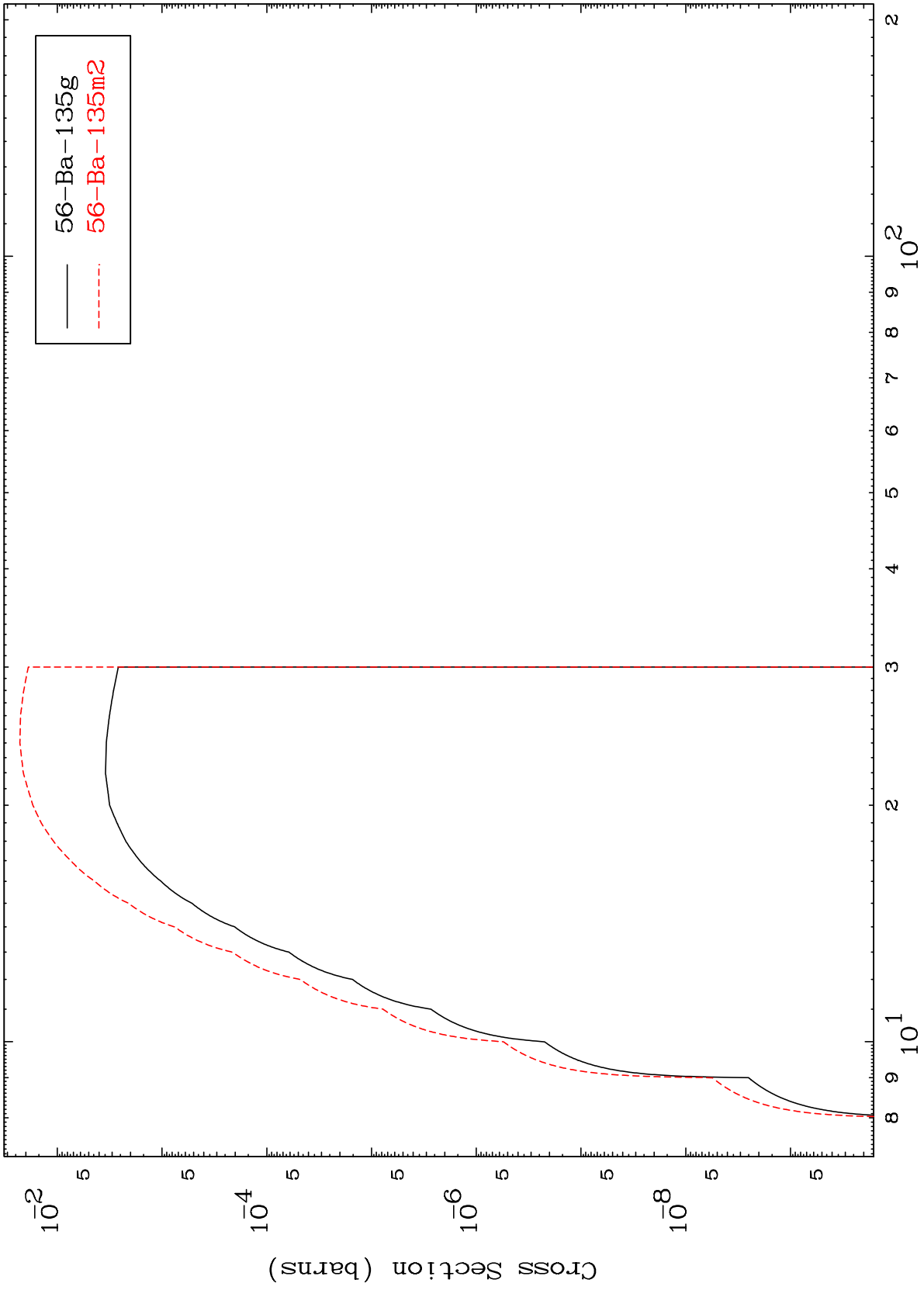
54-Xe-135

MAT 5459

(He-3, 3n)

54-Xe-135

Radionuclide Production Cross Section



15

Incident Energy (MeV)

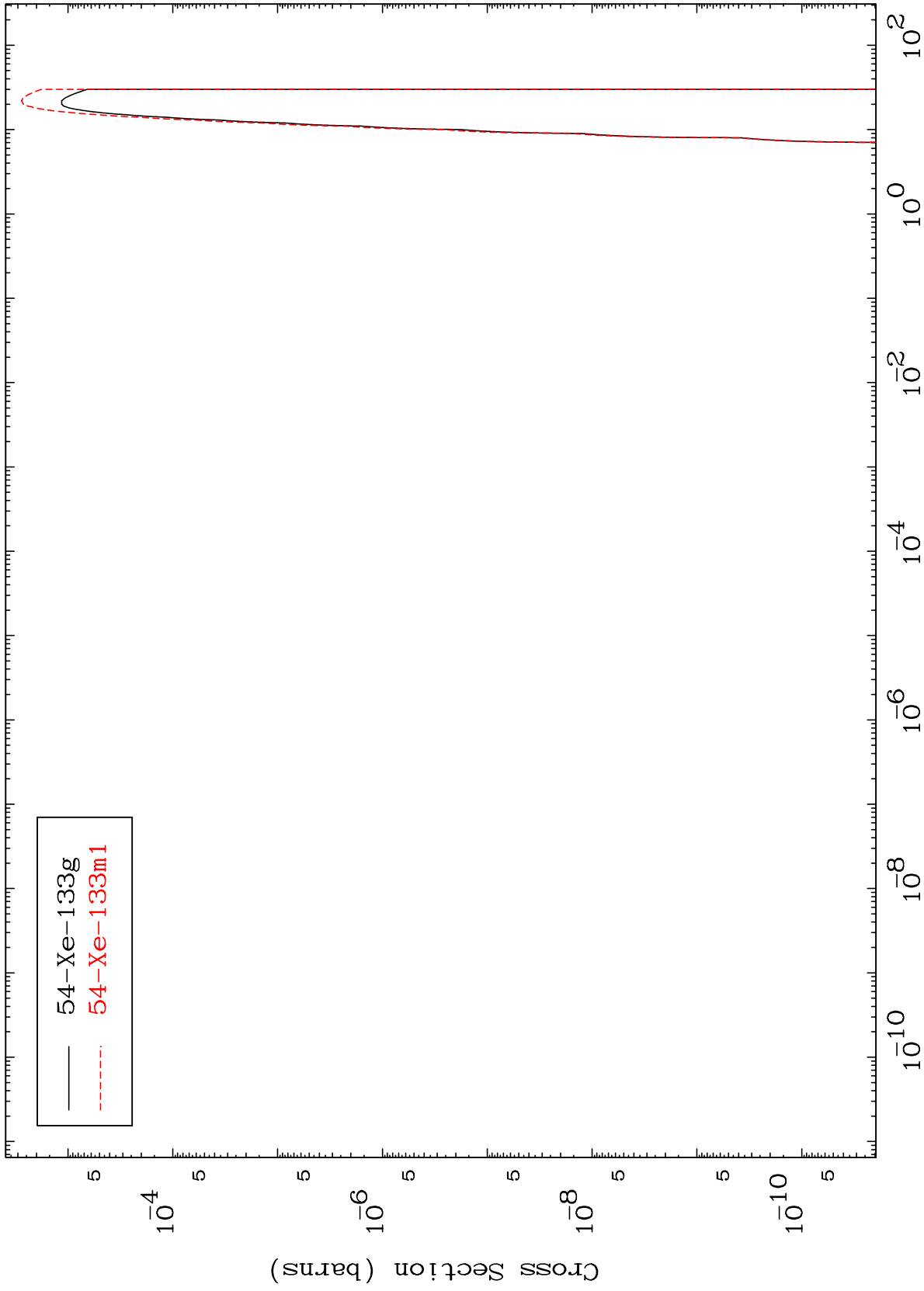
54-Xe-135

MAT 5459

(He-3, n')  $\alpha$

54-Xe-135

Radionuclide Production Cross Section



16

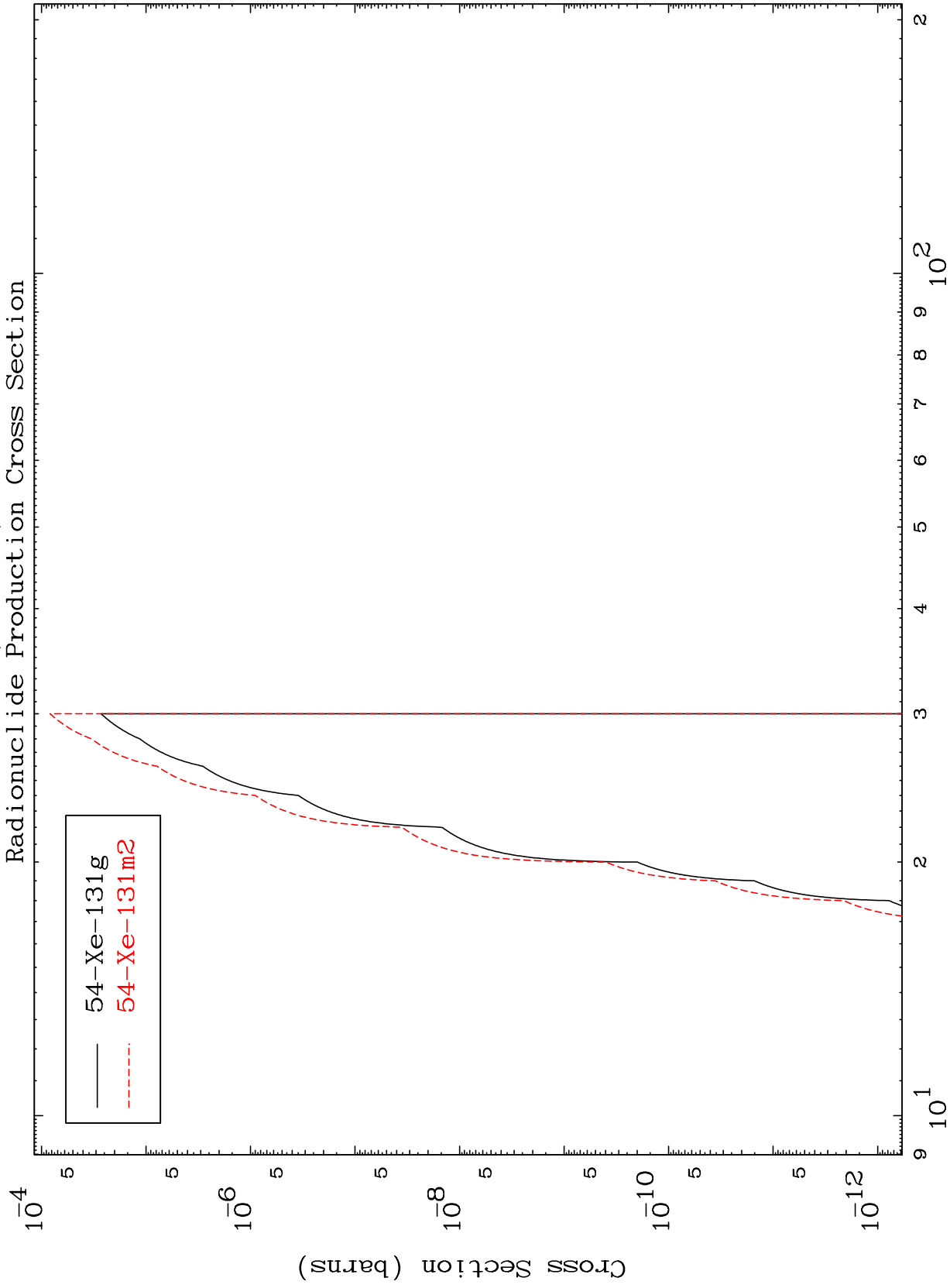
Incident Energy (MeV)

54-Xe-135

MAT 5459

(He-3,3n)  $\alpha$

54-Xe-135



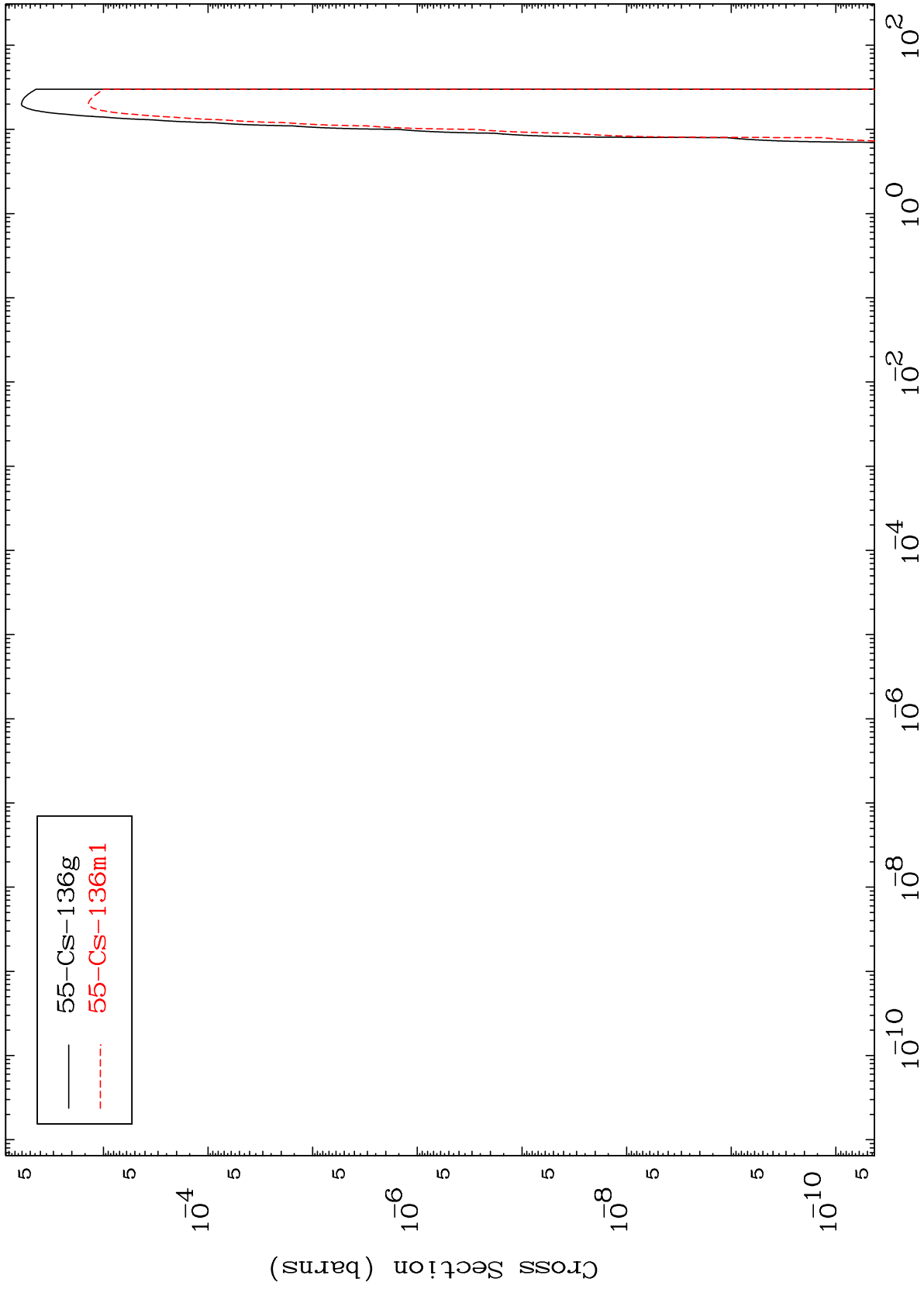
17

MAT 5459

(He-3, n') p

54-Xe-135

Radionuclide Production Cross Section



18

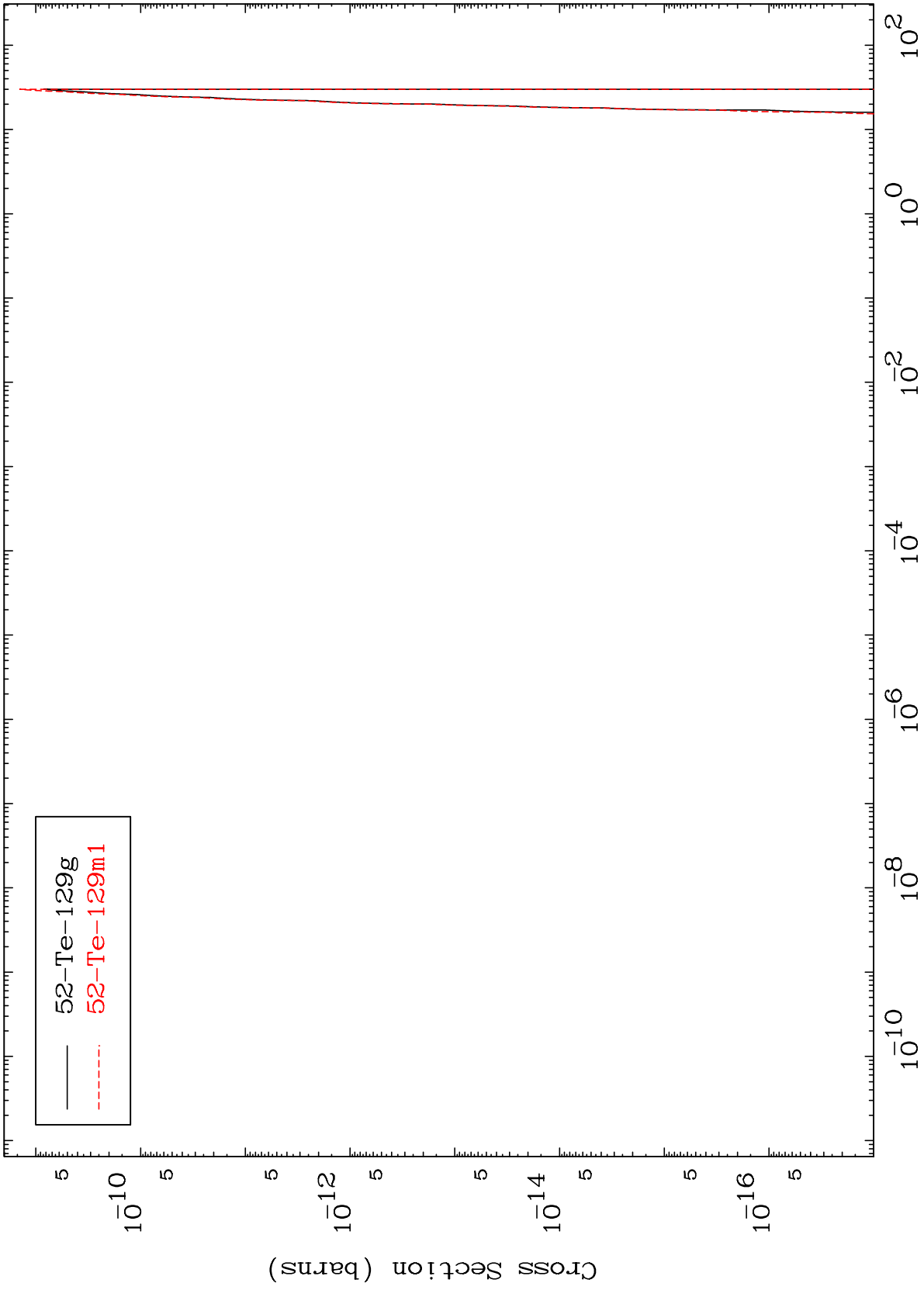
Incident Energy (MeV)

54-Xe-135

MAT 5459

(He-3, n') 2 $\alpha$   
Radionuclide Production Cross Section

54-Xe-135



19

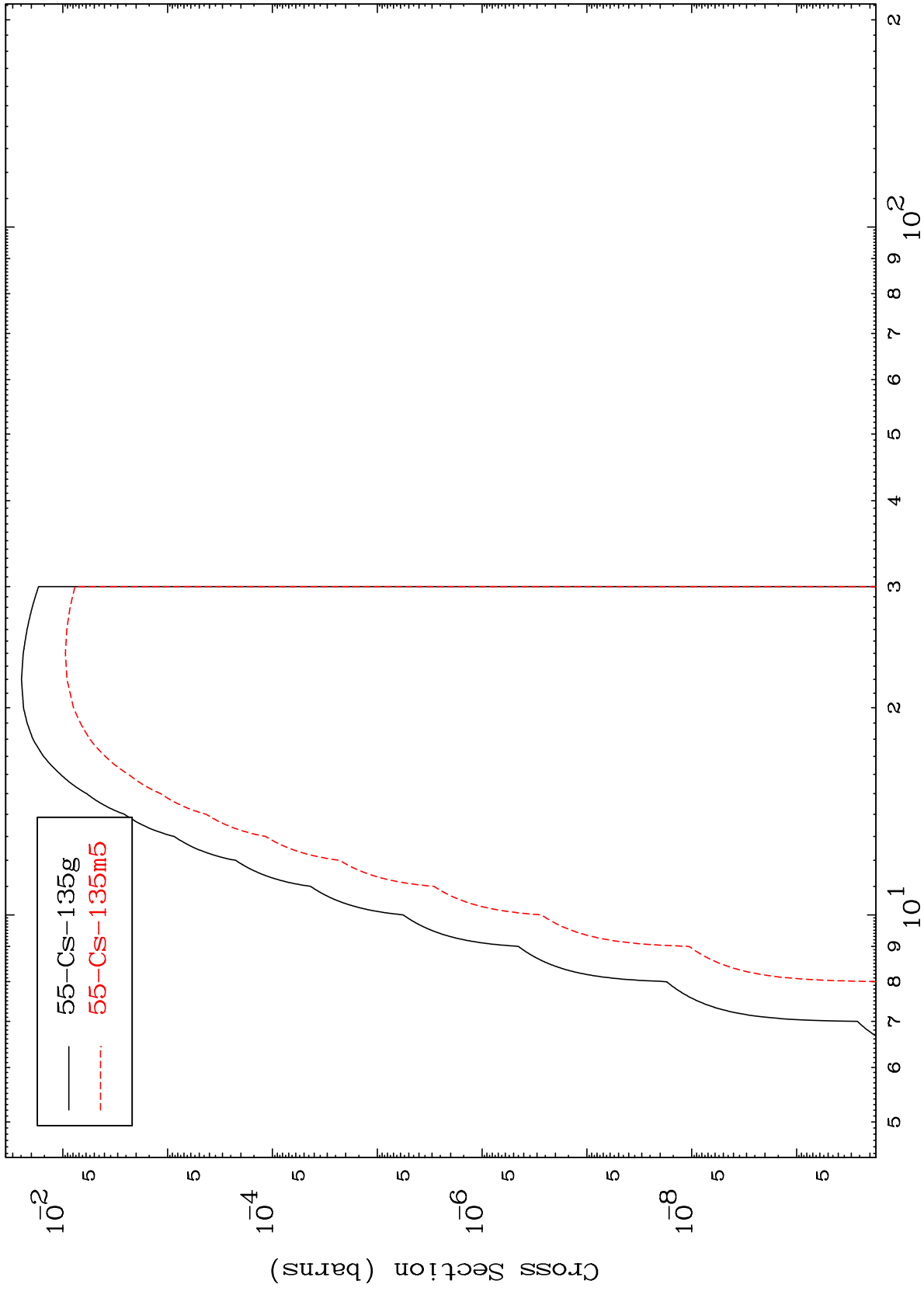
54-Xe-135

MAT 5459

(He-3, n') d

54-Xe-135

Radionuclide Production Cross Section



20

Incident Energy (MeV)

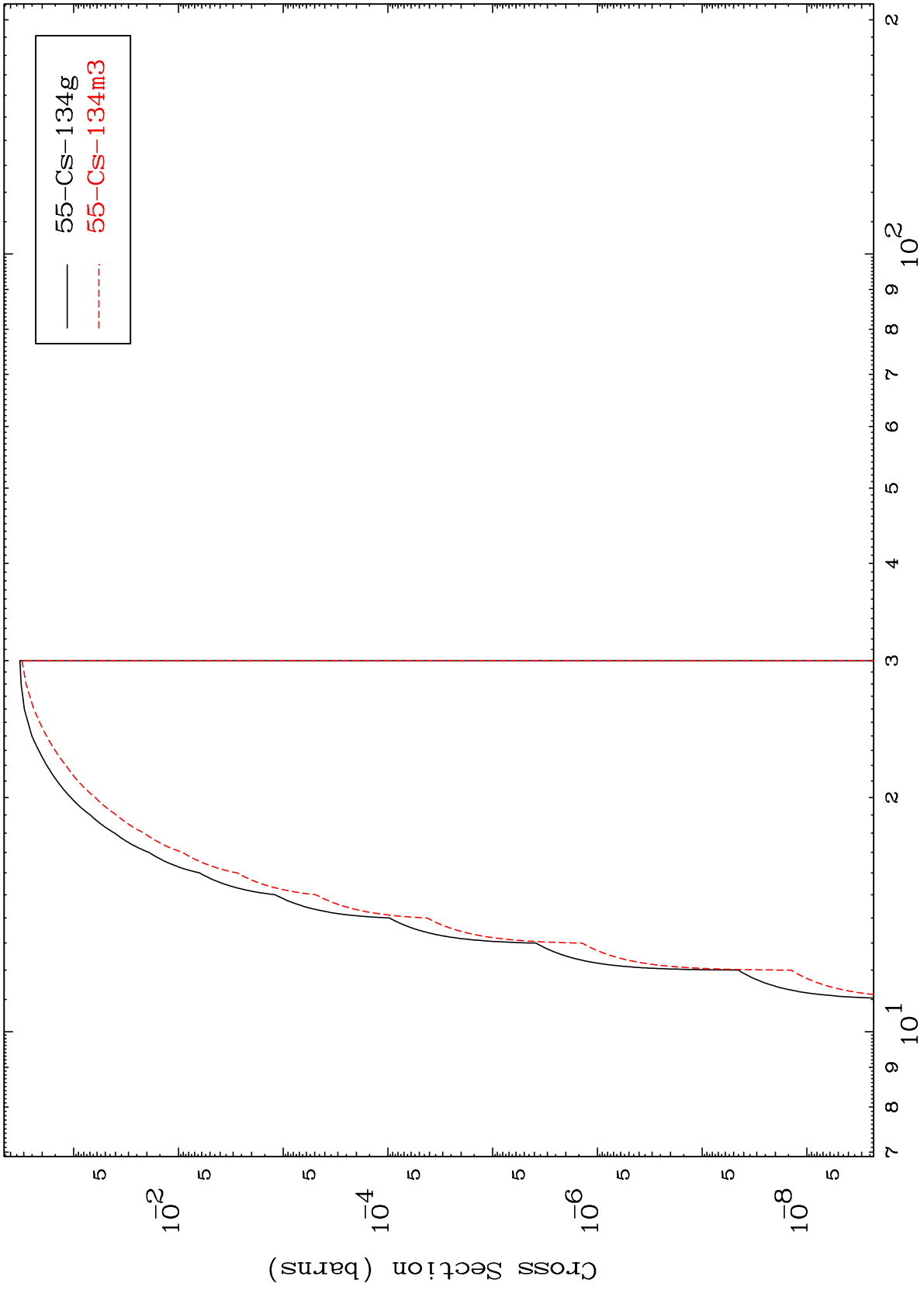
54-Xe-135

MAT 5459

(He-3, n') t

54-Xe-135

Radionuclide Production Cross Section



21

Incident Energy (MeV)

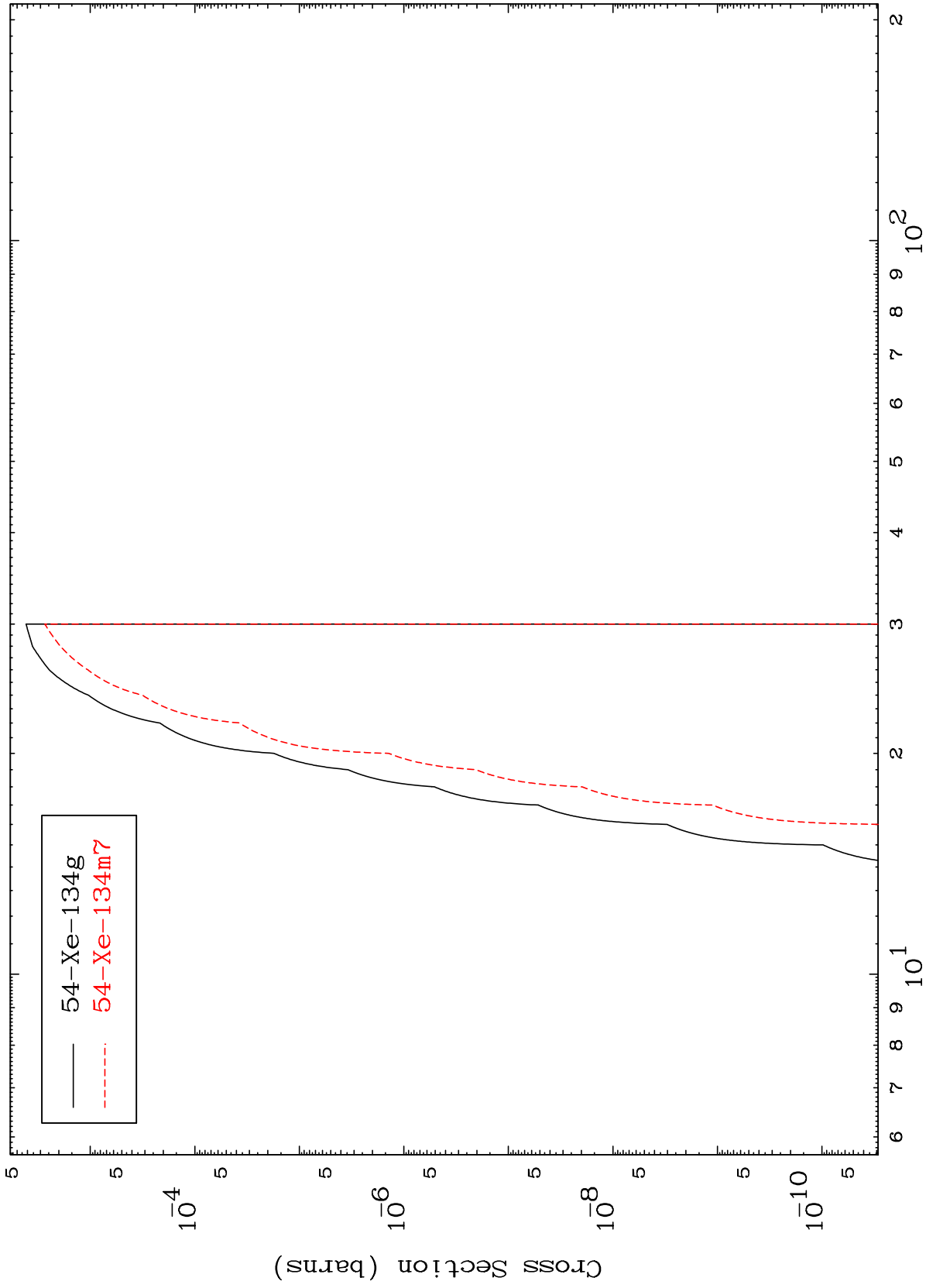
54-Xe-135

MAT 5459

(He-3, n') He-3

54-Xe-135

Radionuclide Production Cross Section



22

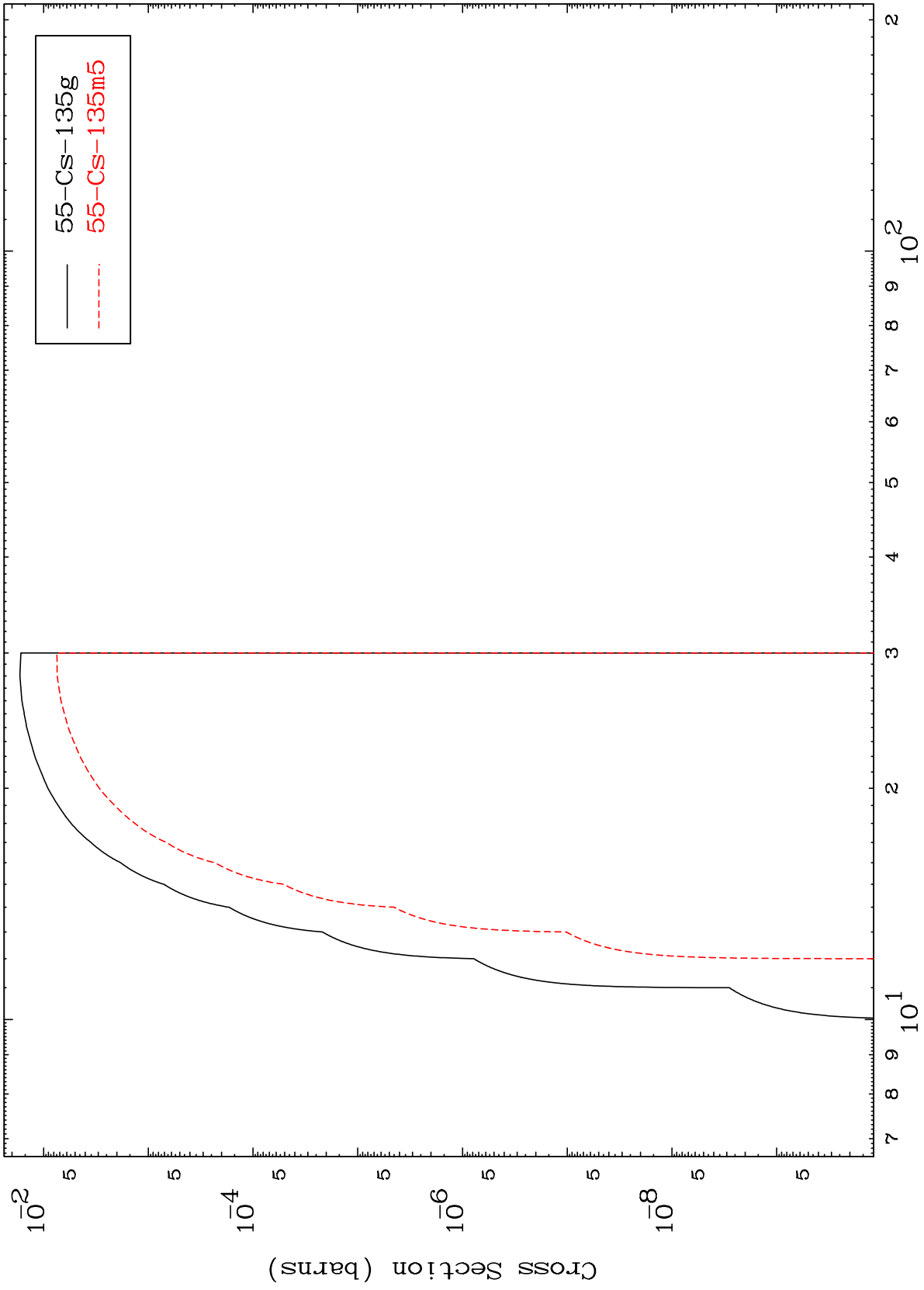
Incident Energy (MeV)

54-Xe-135

MAT 5459

54-Xe-135

(He-3,2n) p  
Radionuclide Production Cross Section



23

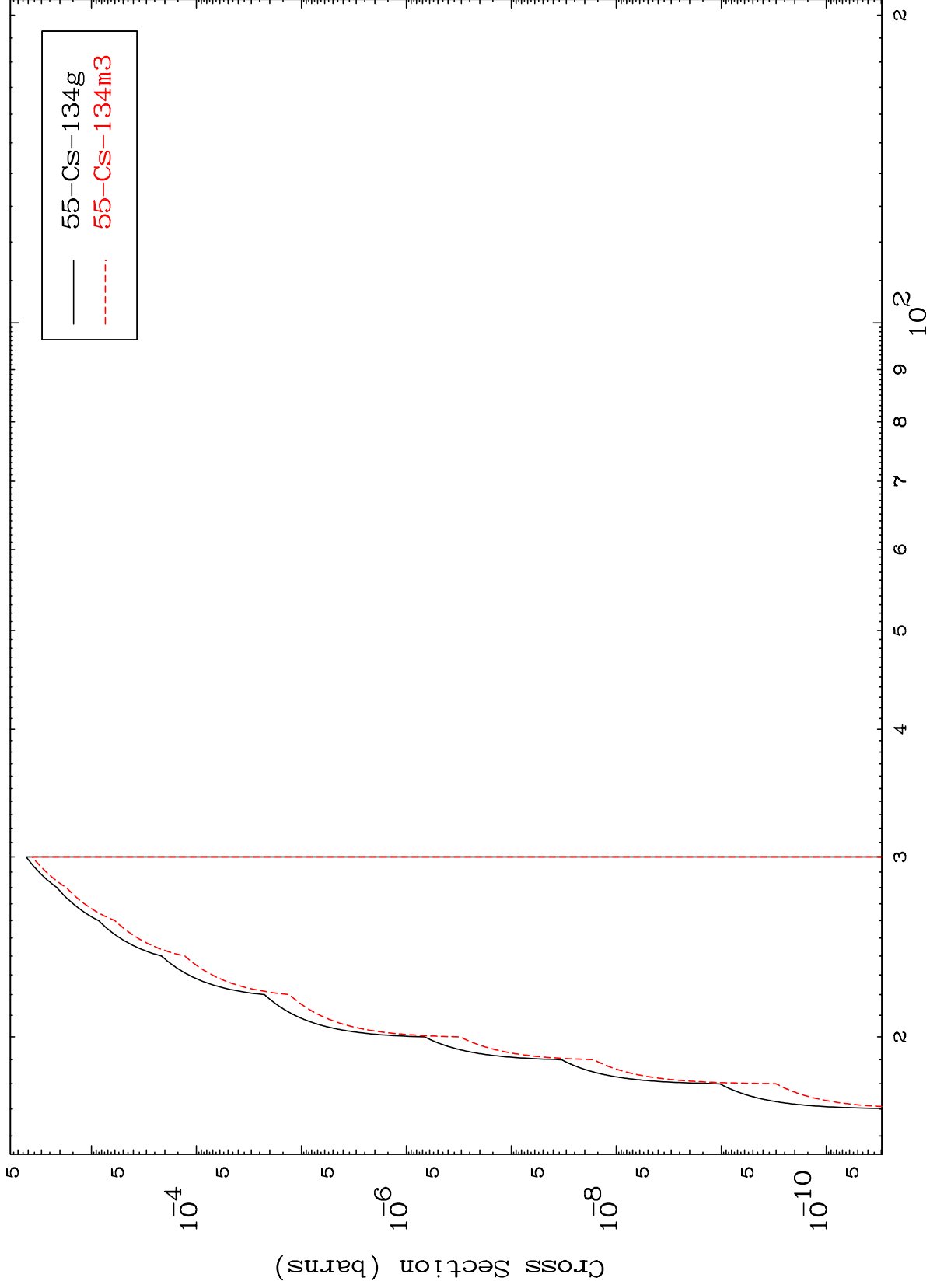
54-Xe-135

MAT 5459

(He-3,3n) p

54-Xe-135

Radionuclide Production Cross Section



24

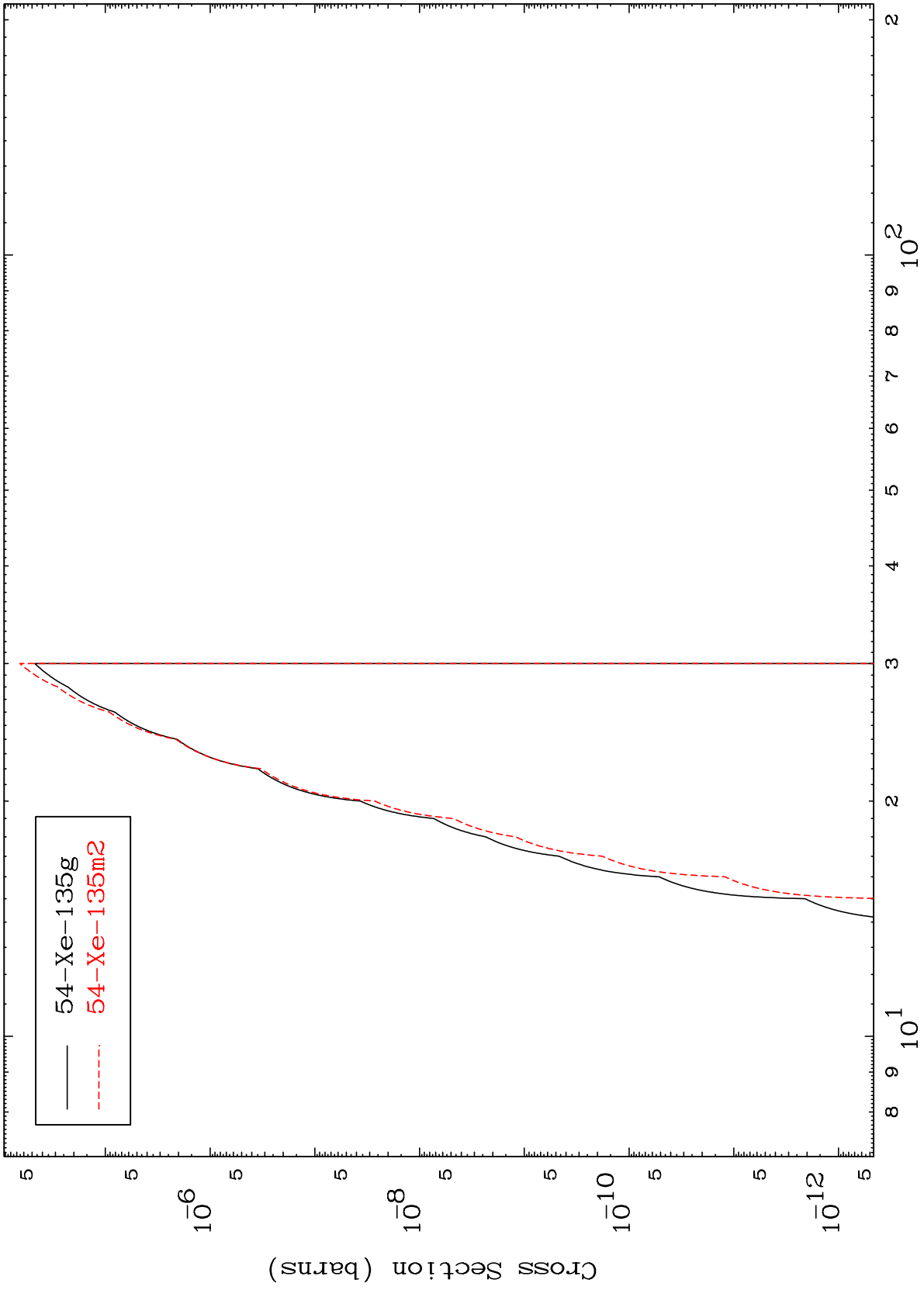
Incident Energy (MeV)

54-Xe-135

MAT 5459

54-Xe-135

(He-3,2n) p  
Radionuclide Production Cross Section



25

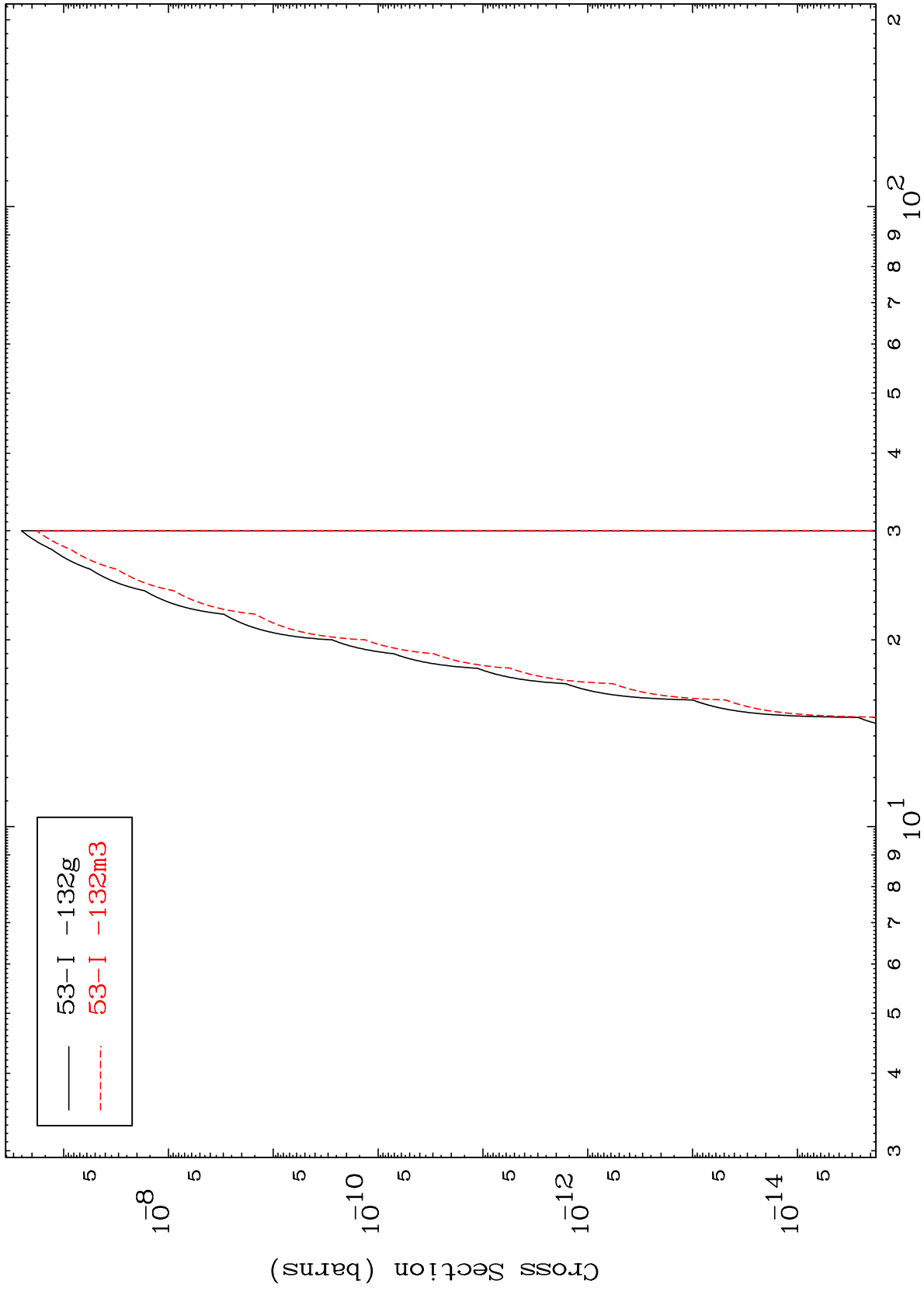
54-Xe-135

MAT 5459

(He-3,n') p  $\alpha$

54-Xe-135

Radionuclide Production Cross Section



26

Incident Energy (MeV)

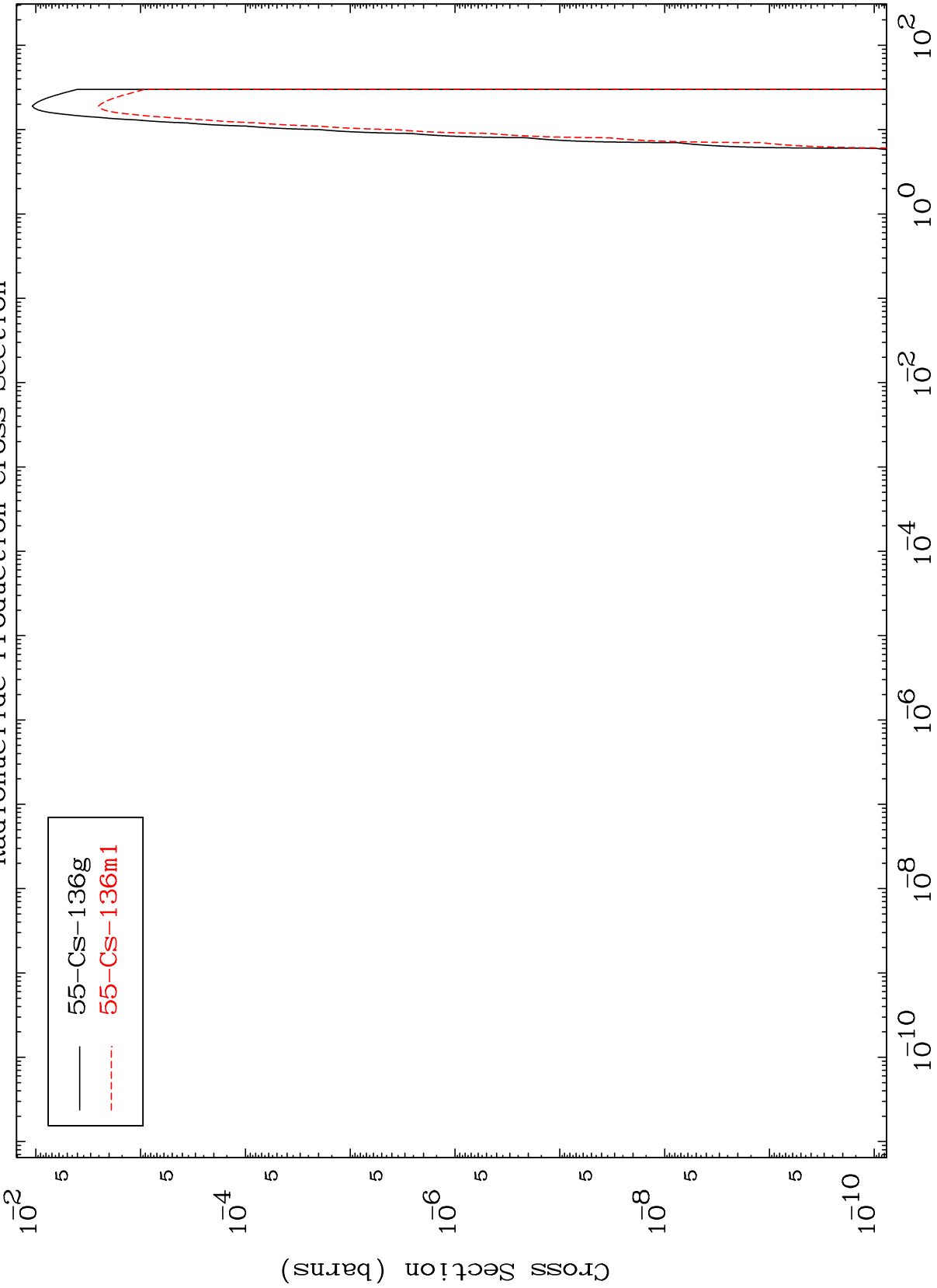
54-Xe-135

MAT 5459

(He-3,d)

54-Xe-135

Radionuclide Production Cross Section



27

Incident Energy (MeV)

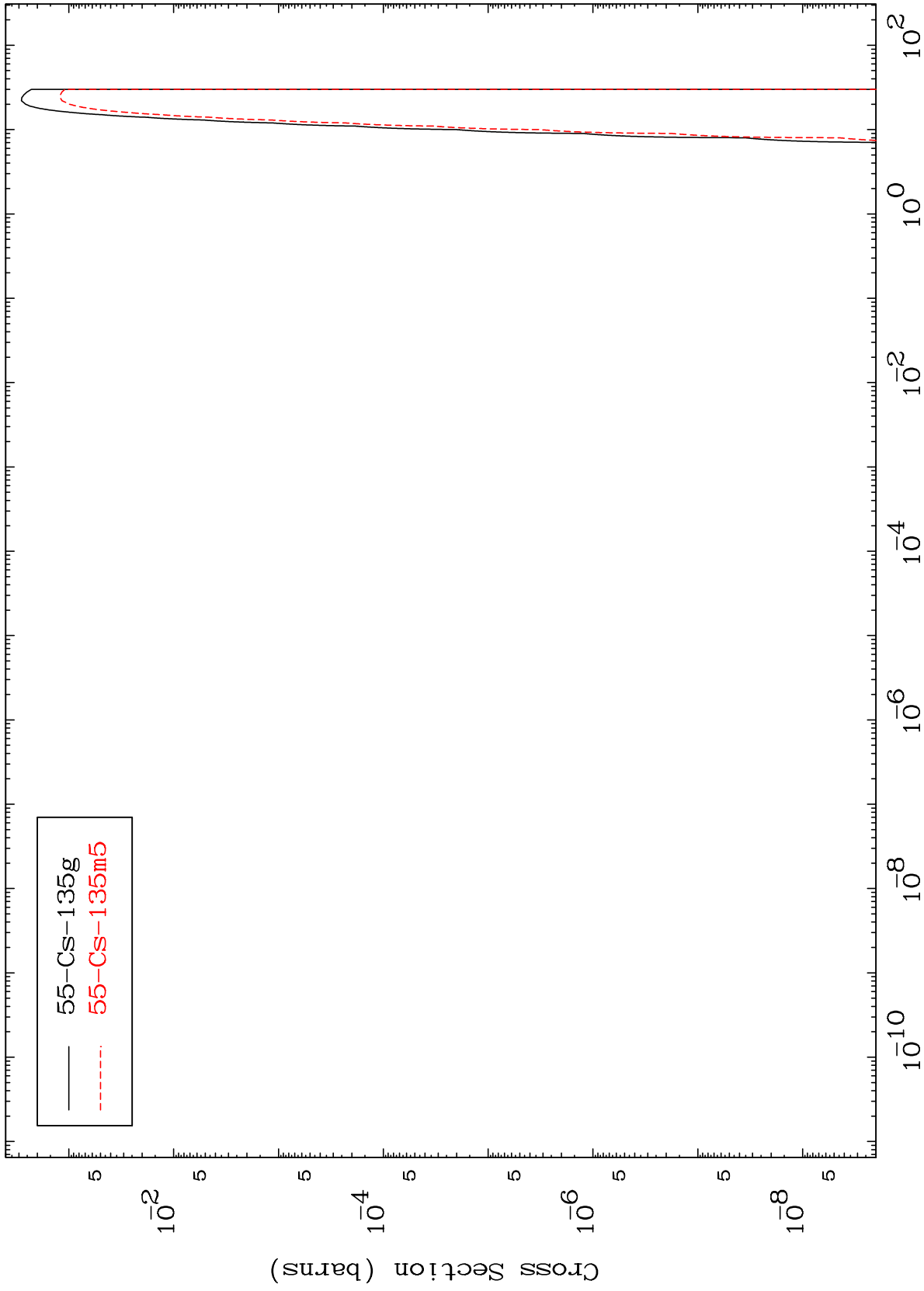
54-Xe-135

MAT 5459

(He-3, t)

54-Xe-135

Radionuclide Production Cross Section



28

Incident Energy (MeV)

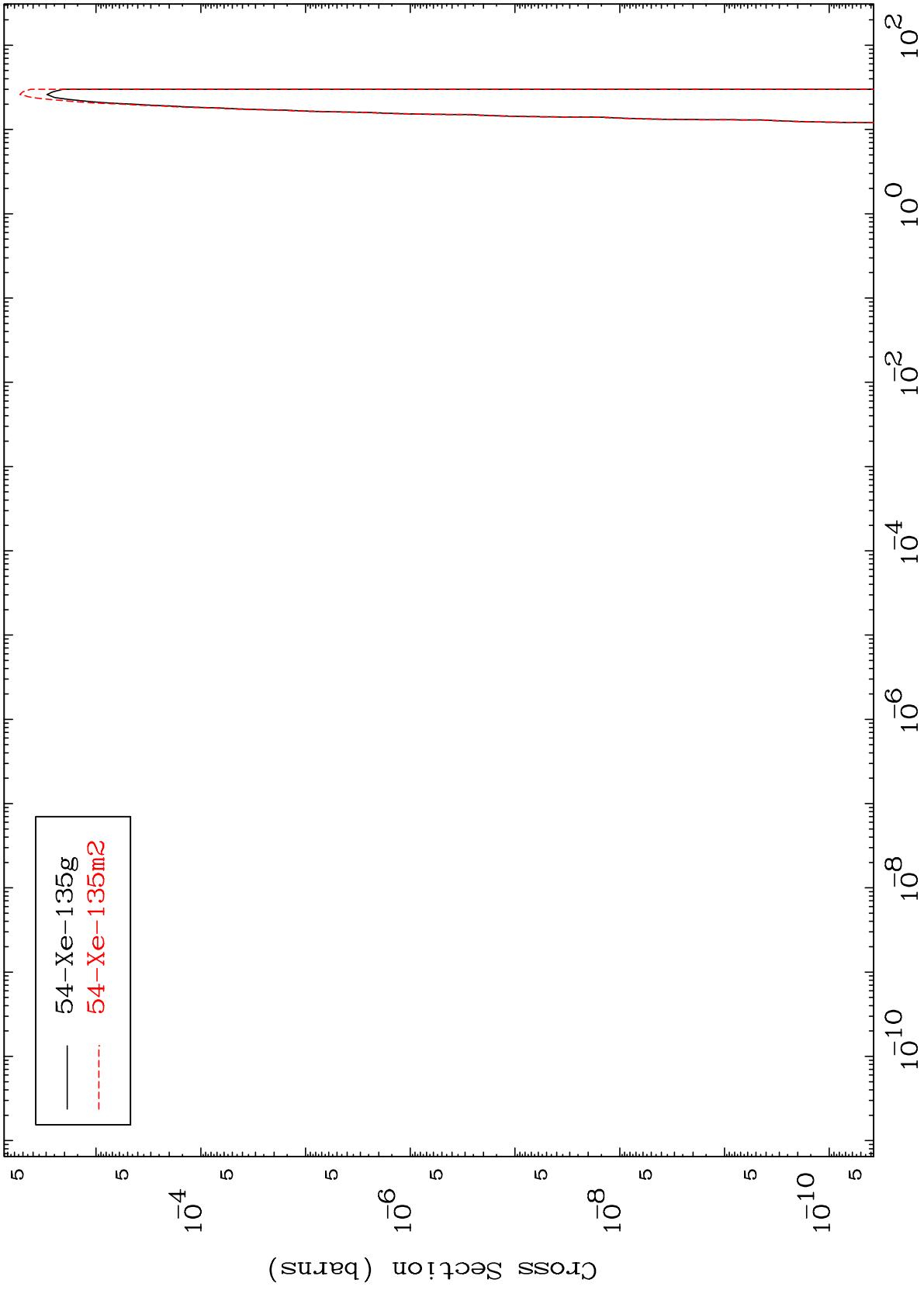
54-Xe-135

MAT 5459

(He-3, He-3)

54-Xe-135

Radionuclide Production Cross Section



29

Incident Energy (MeV)

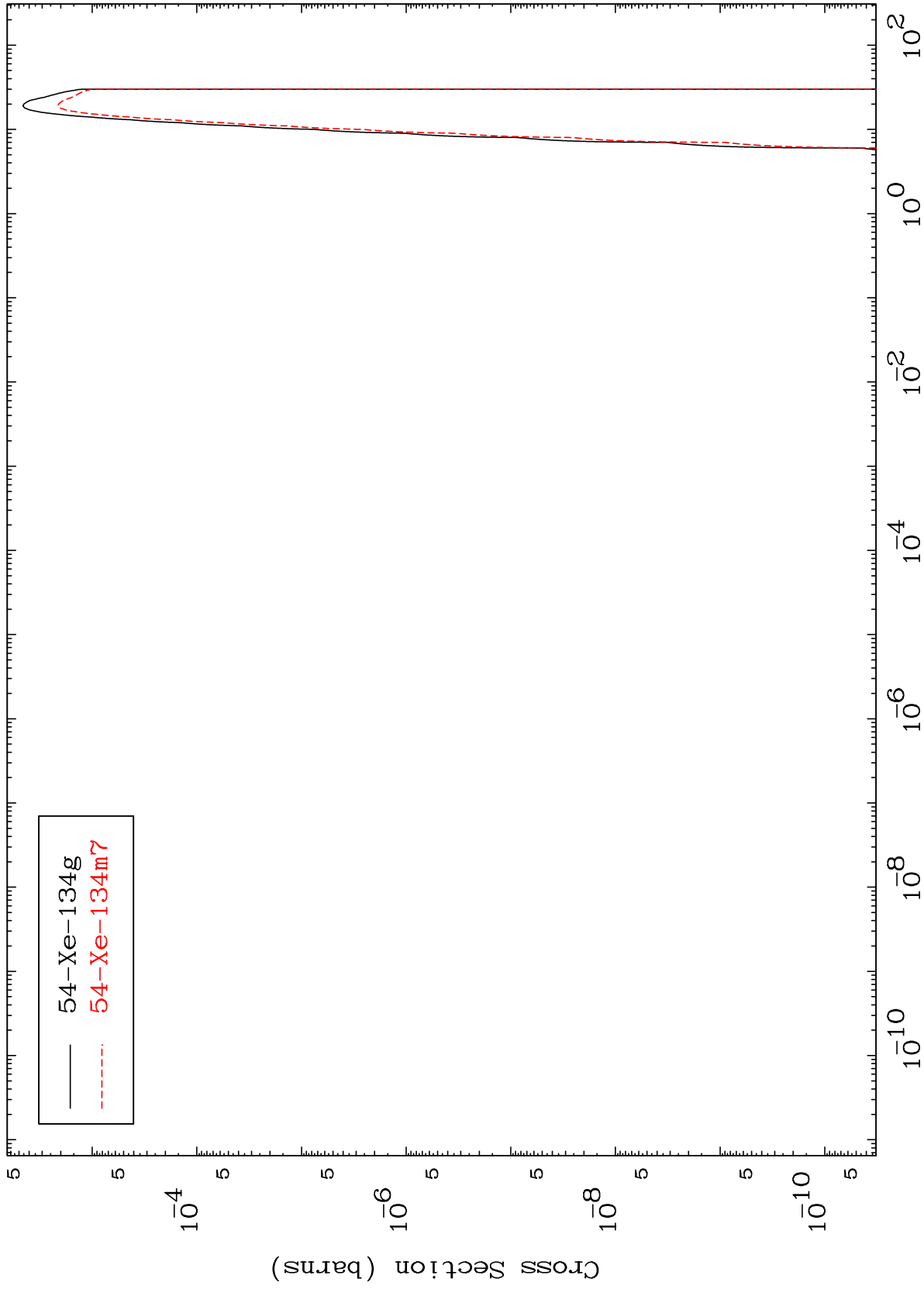
54-Xe-135

MAT 5459

(He-3,  $\alpha$ )

54-Xe-135

Radionuclide Production Cross Section



30

Incident Energy (MeV)

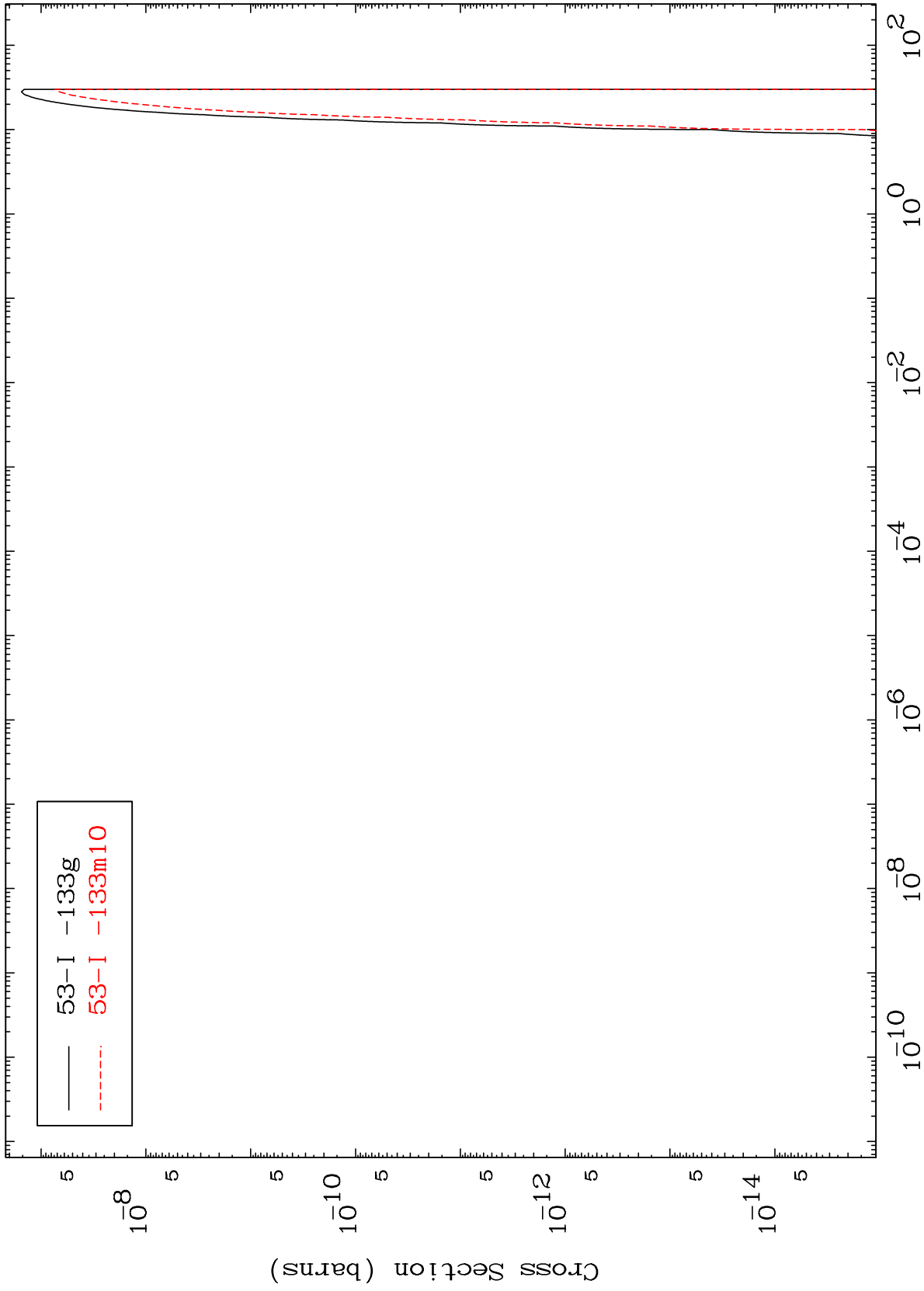
54-Xe-135

MAT 5459

(He-3,p)  $\alpha$

54-Xe-135

Radionuclide Production Cross Section



31

Incident Energy (MeV)

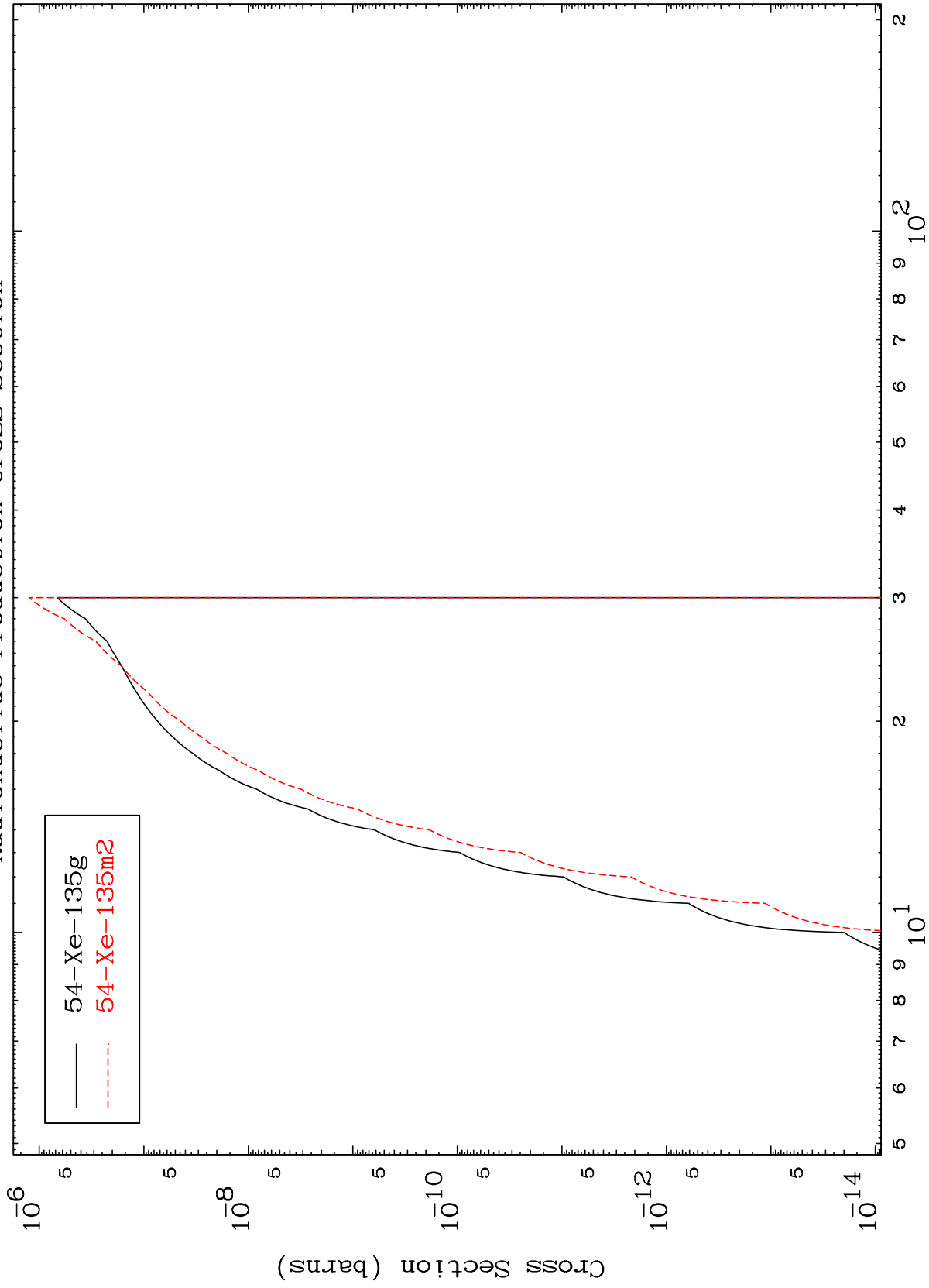
54-Xe-135

MAT 5459

(He-3,p) d

54-Xe-135

Radionuclide Production Cross Section



32

Incident Energy (MeV)

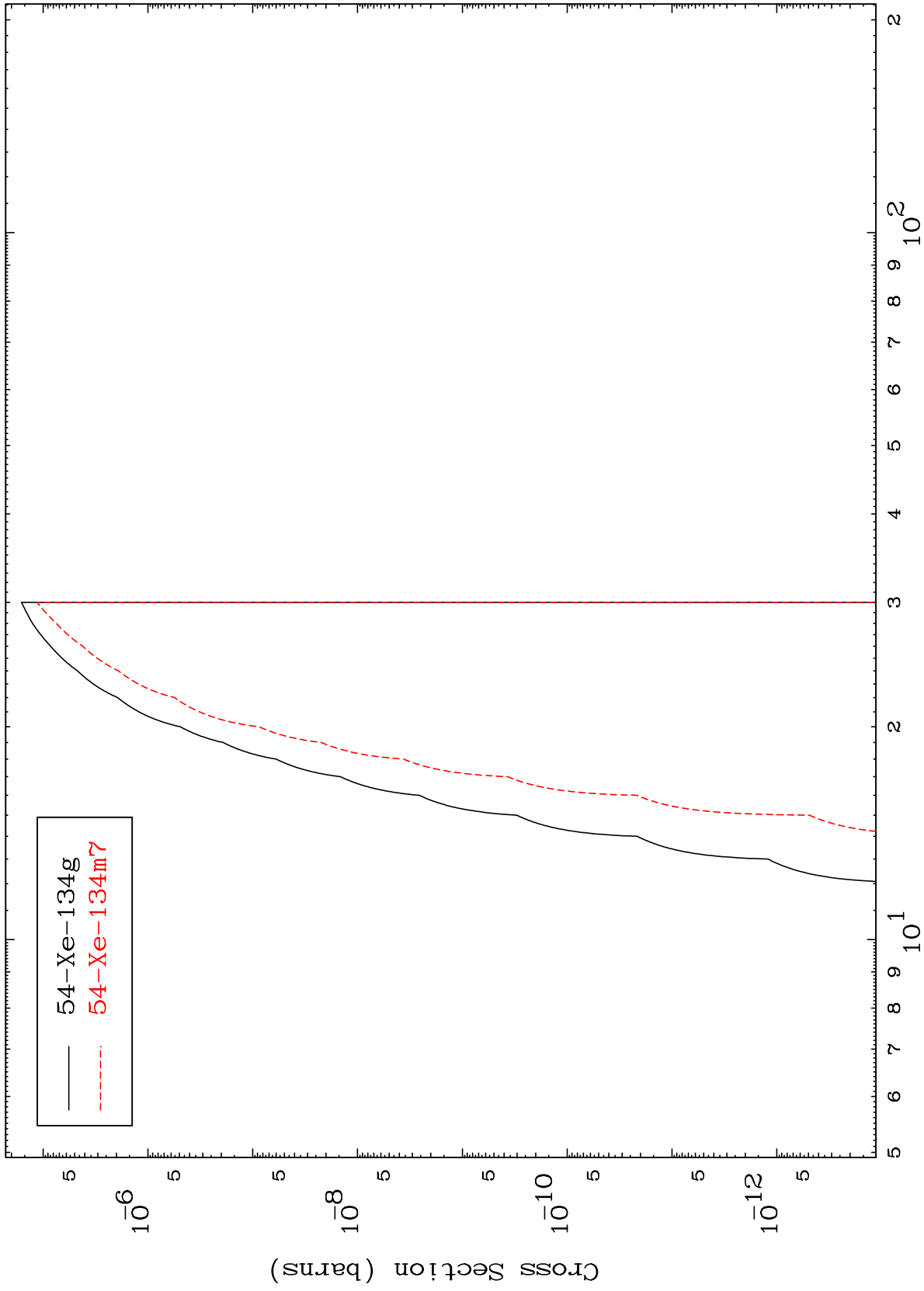
54-Xe-135

MAT 5459

(He-3,p) t

54-Xe-135

Radionuclide Production Cross Section



33

Incident Energy (MeV)

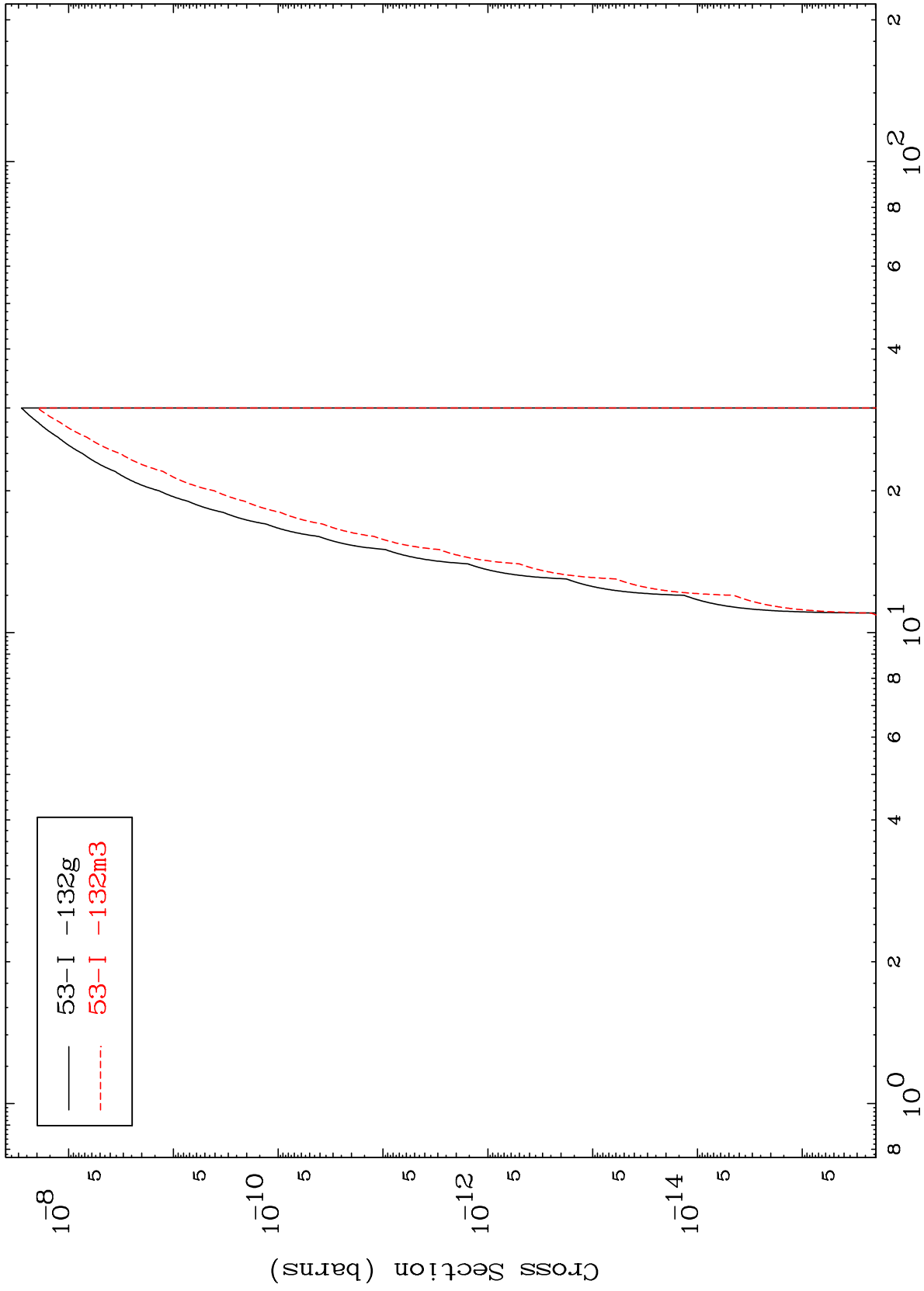
54-Xe-135

MAT 5459

(He-3,d)  $\alpha$

54-Xe-135

Radionuclide Production Cross Section



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

34

Incident Energy (MeV)

54-Xe-135