

Program EVALPLOT  
(Version 2021-1)

by

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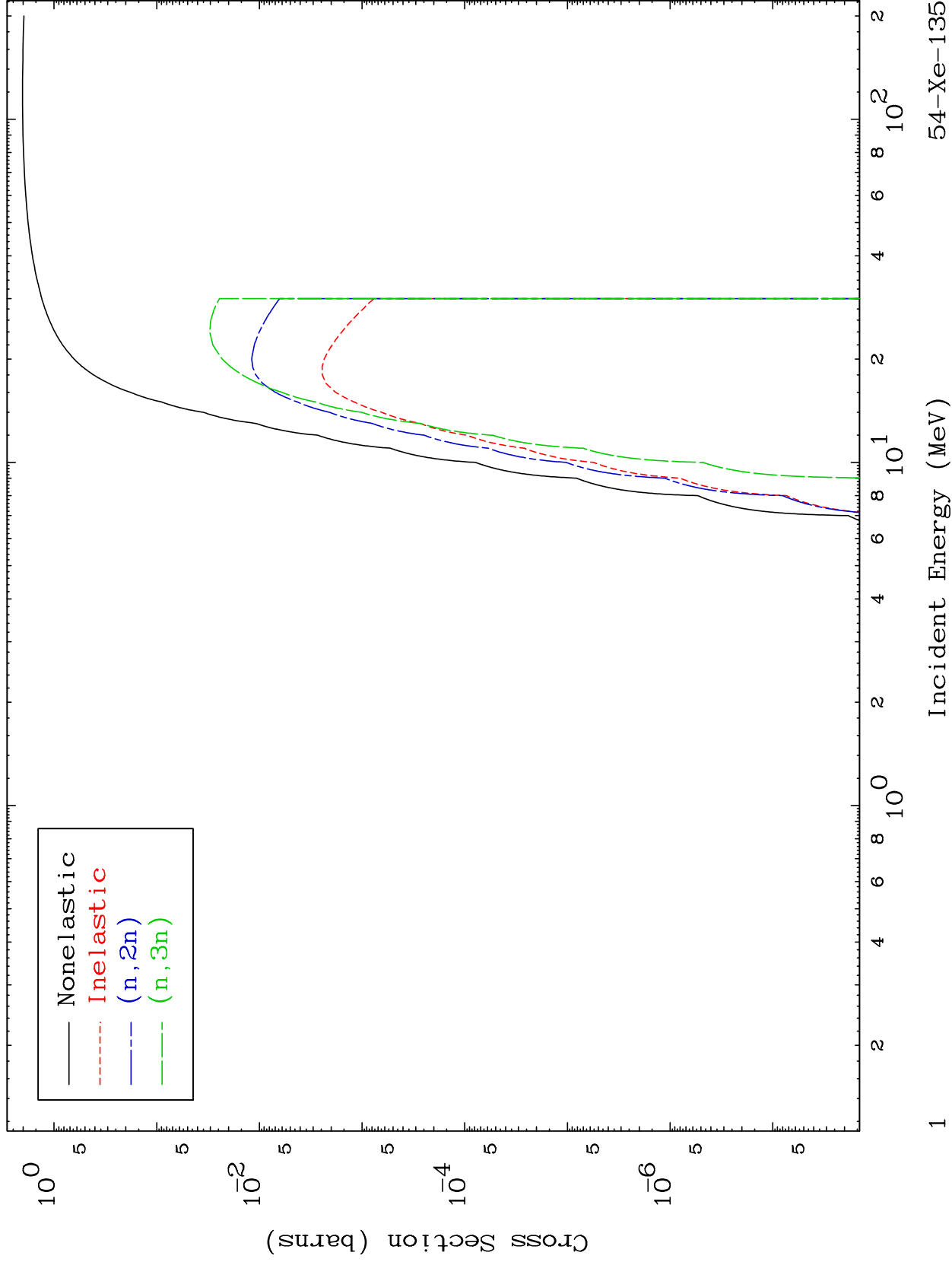
Press Mouse Button to Start

MAT 5458

He-3 Major

54-Xe-135

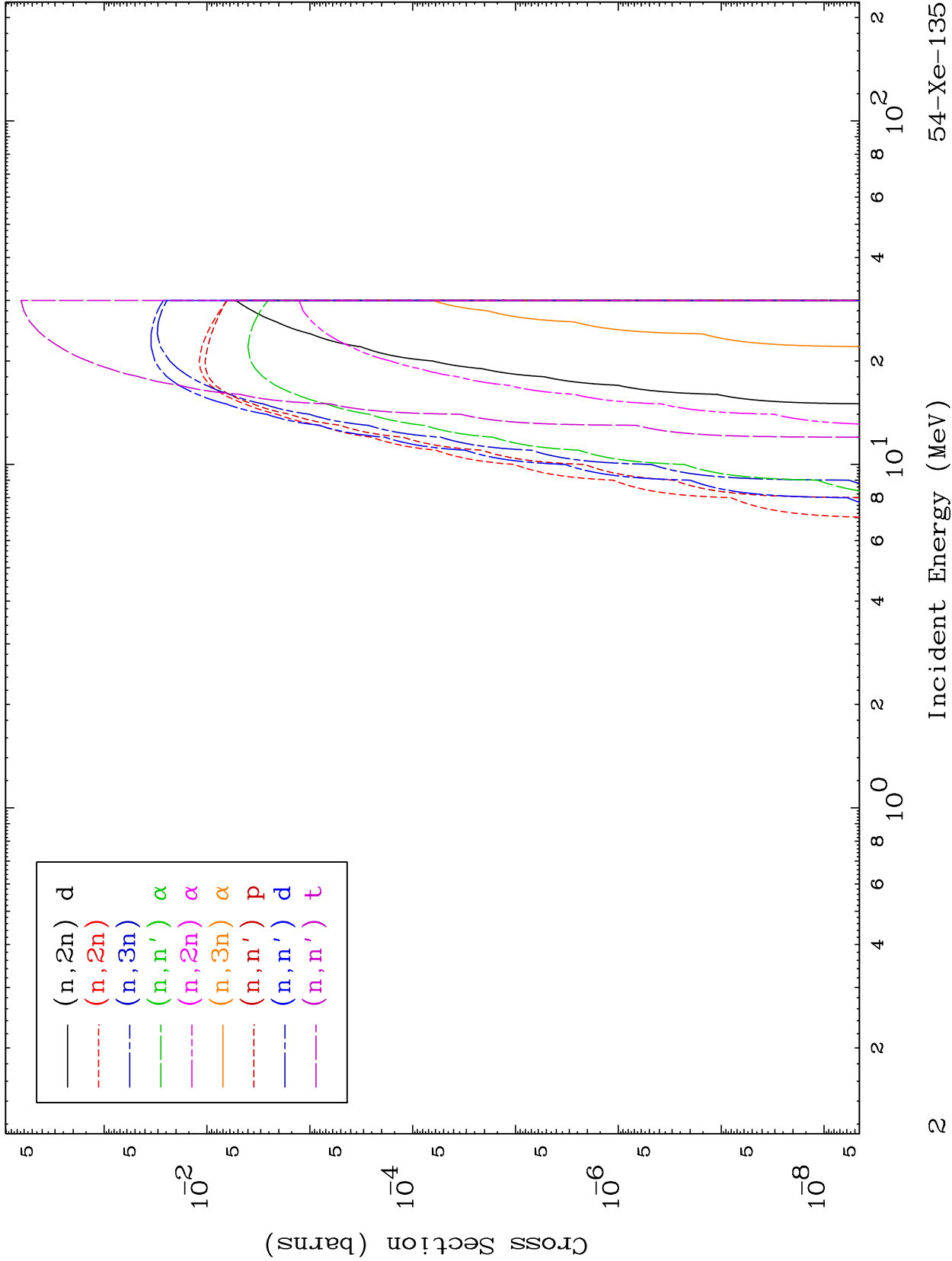
0 Kelvin Cross Sections

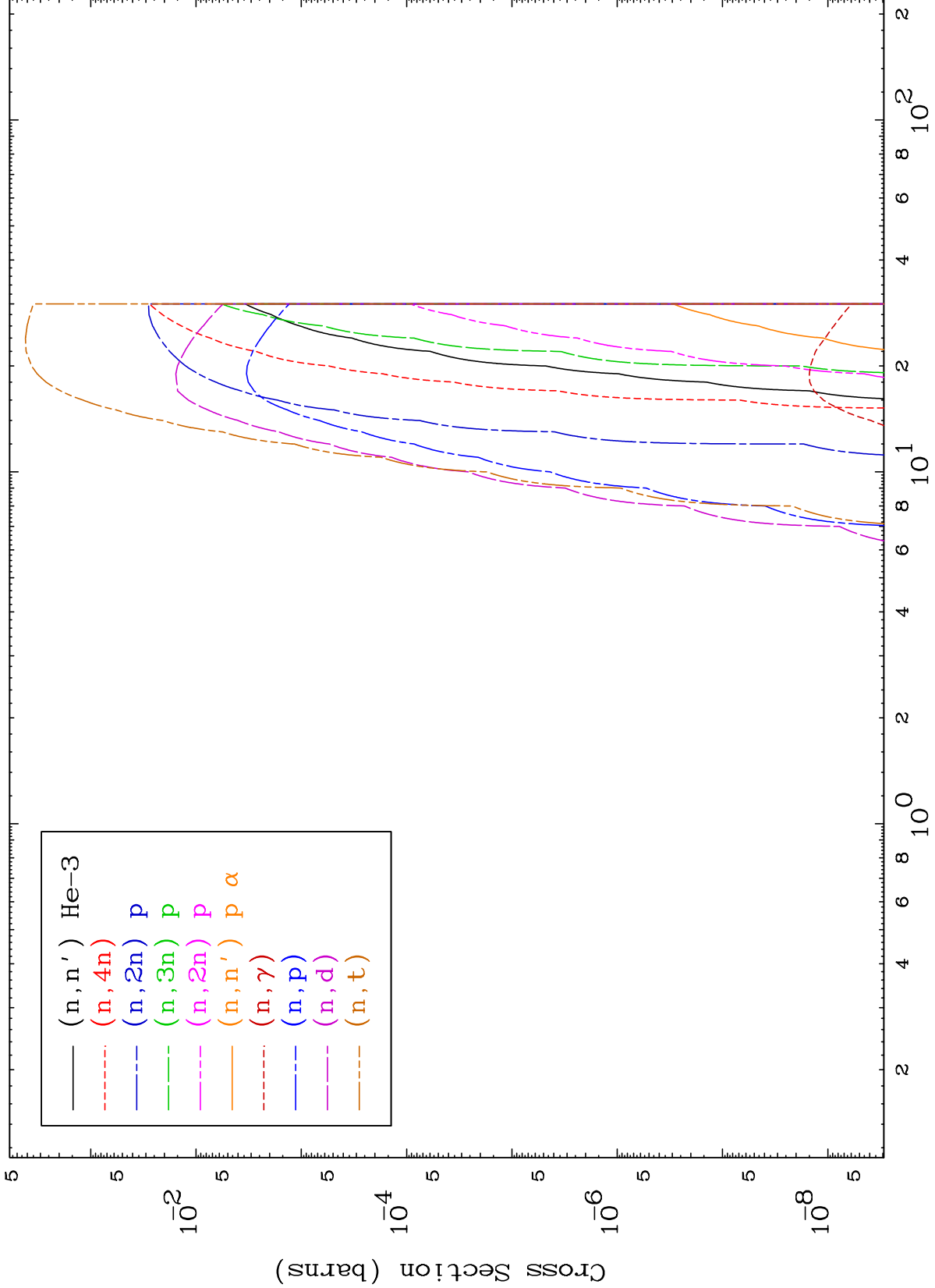


MAT 5458

He-3 Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-135

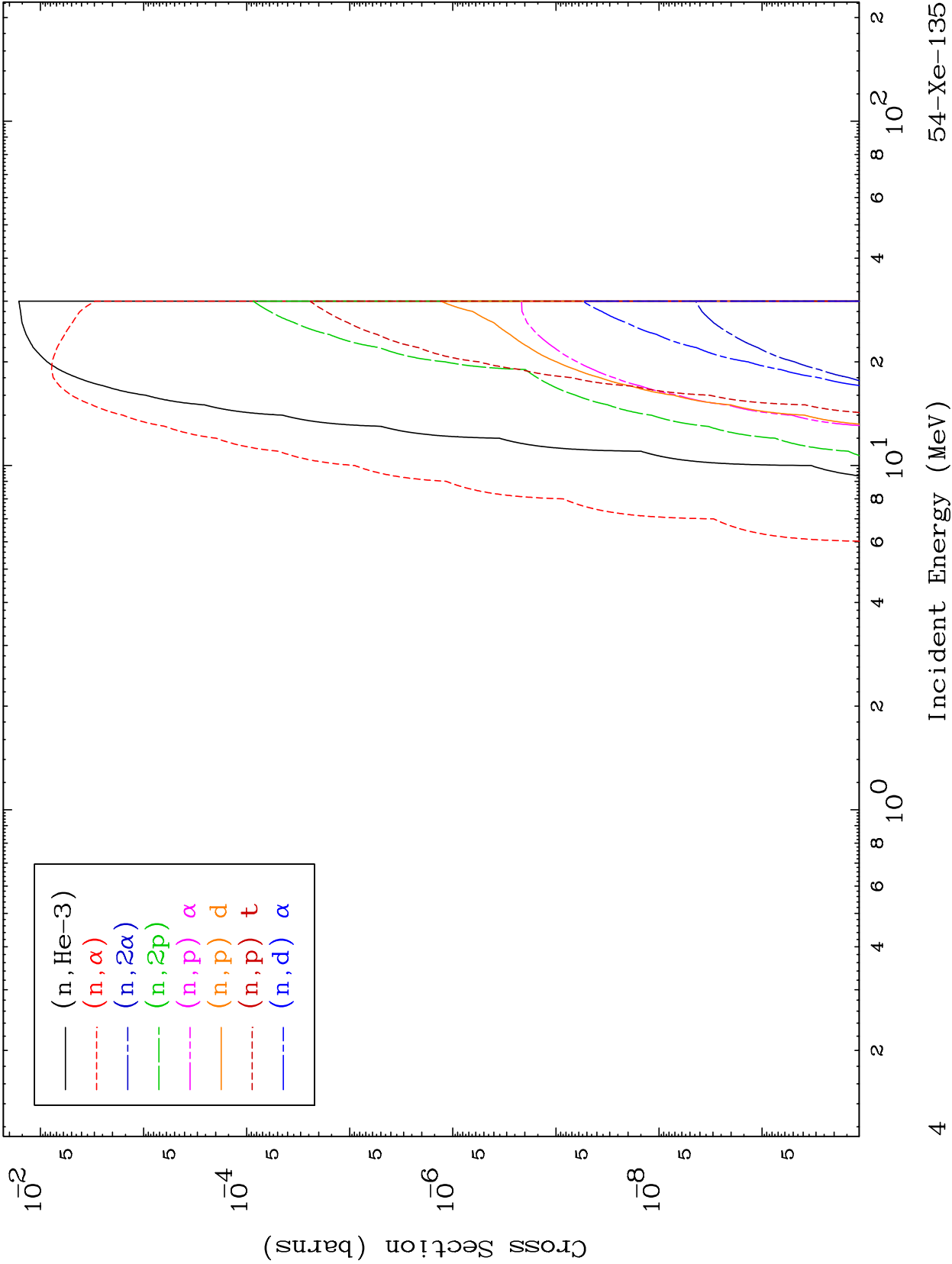


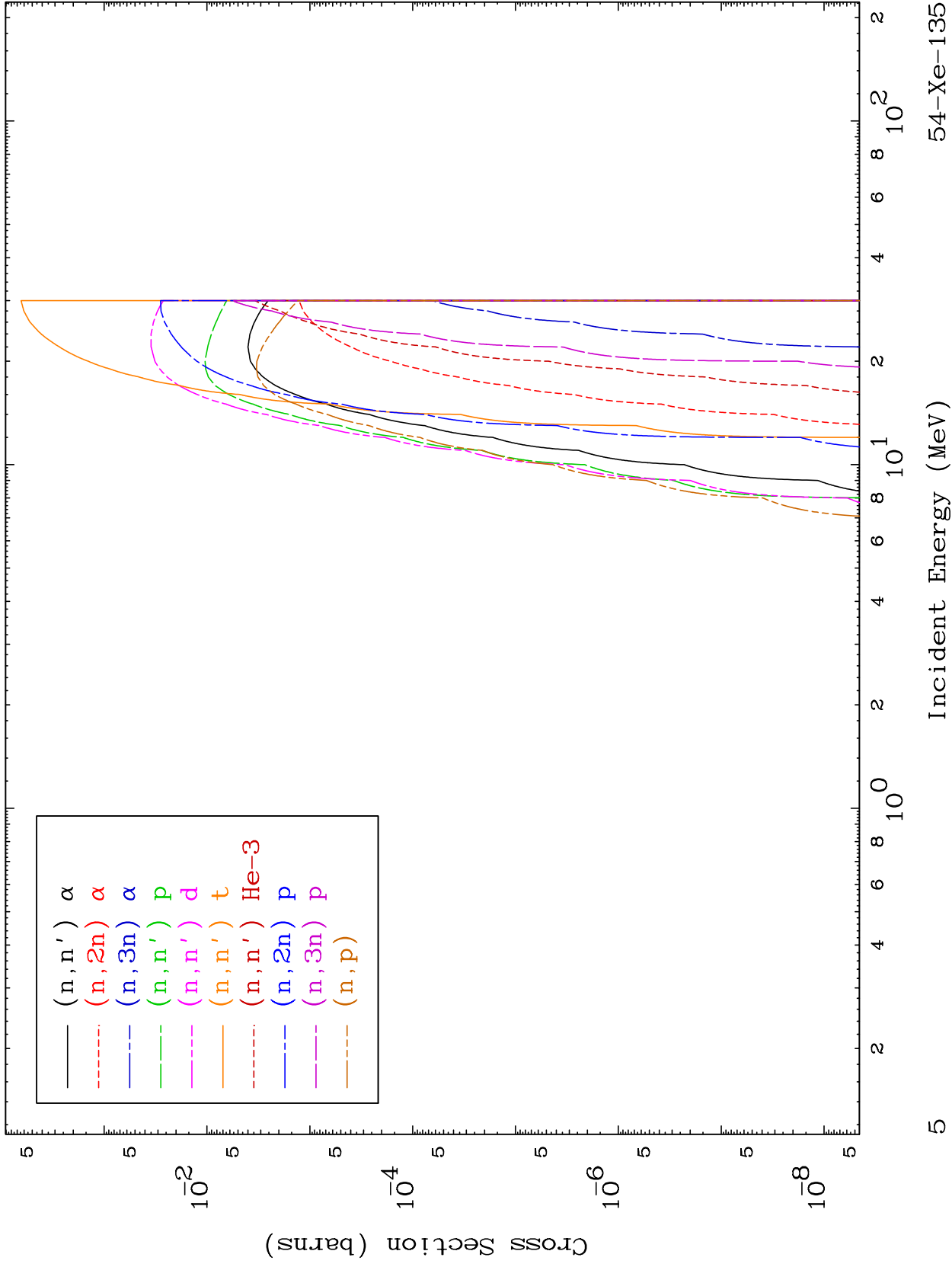


MAT 5458

He-3 Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-135

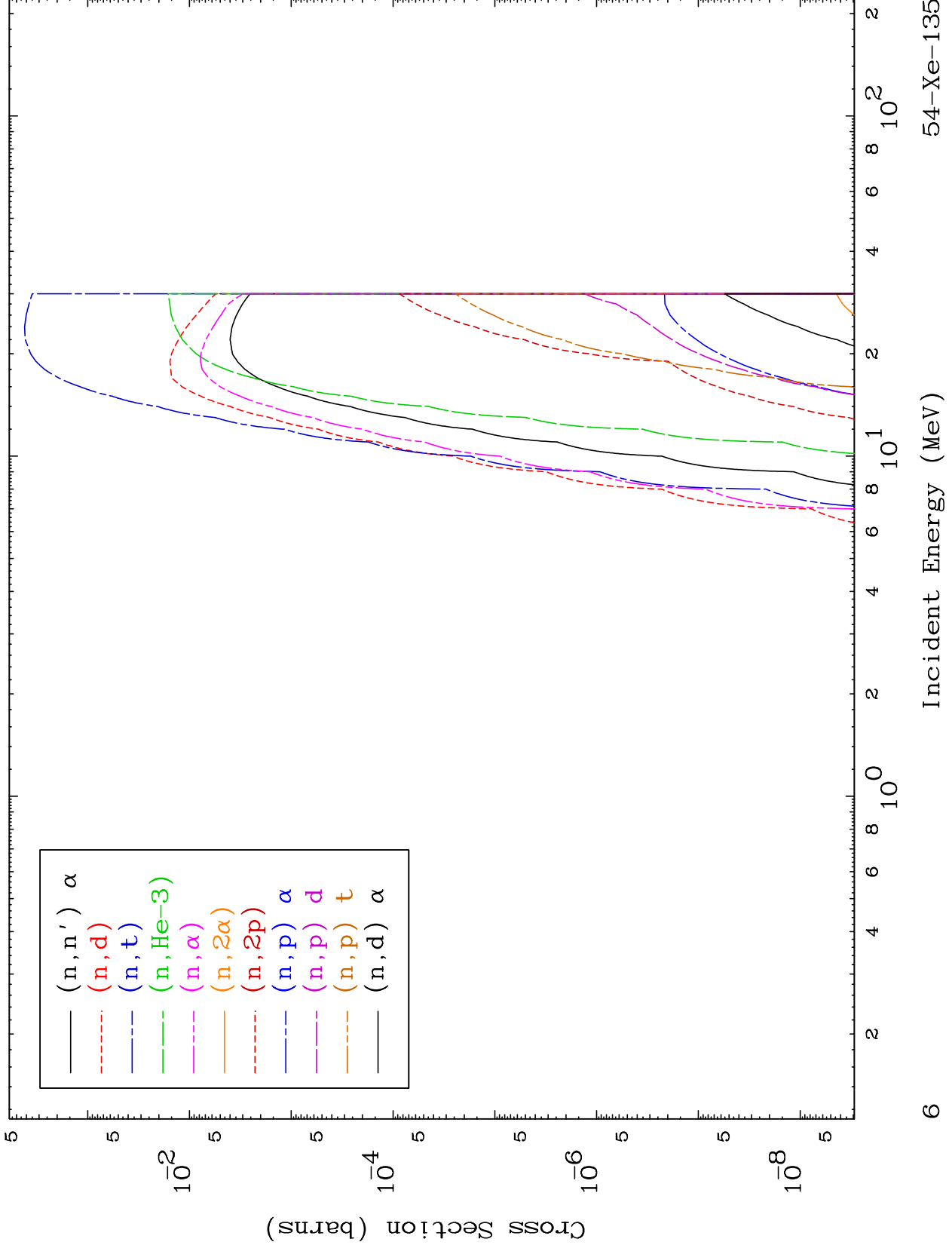




MAT 5458

He-3 Charged Particle  
0 Kelvin Cross Sections

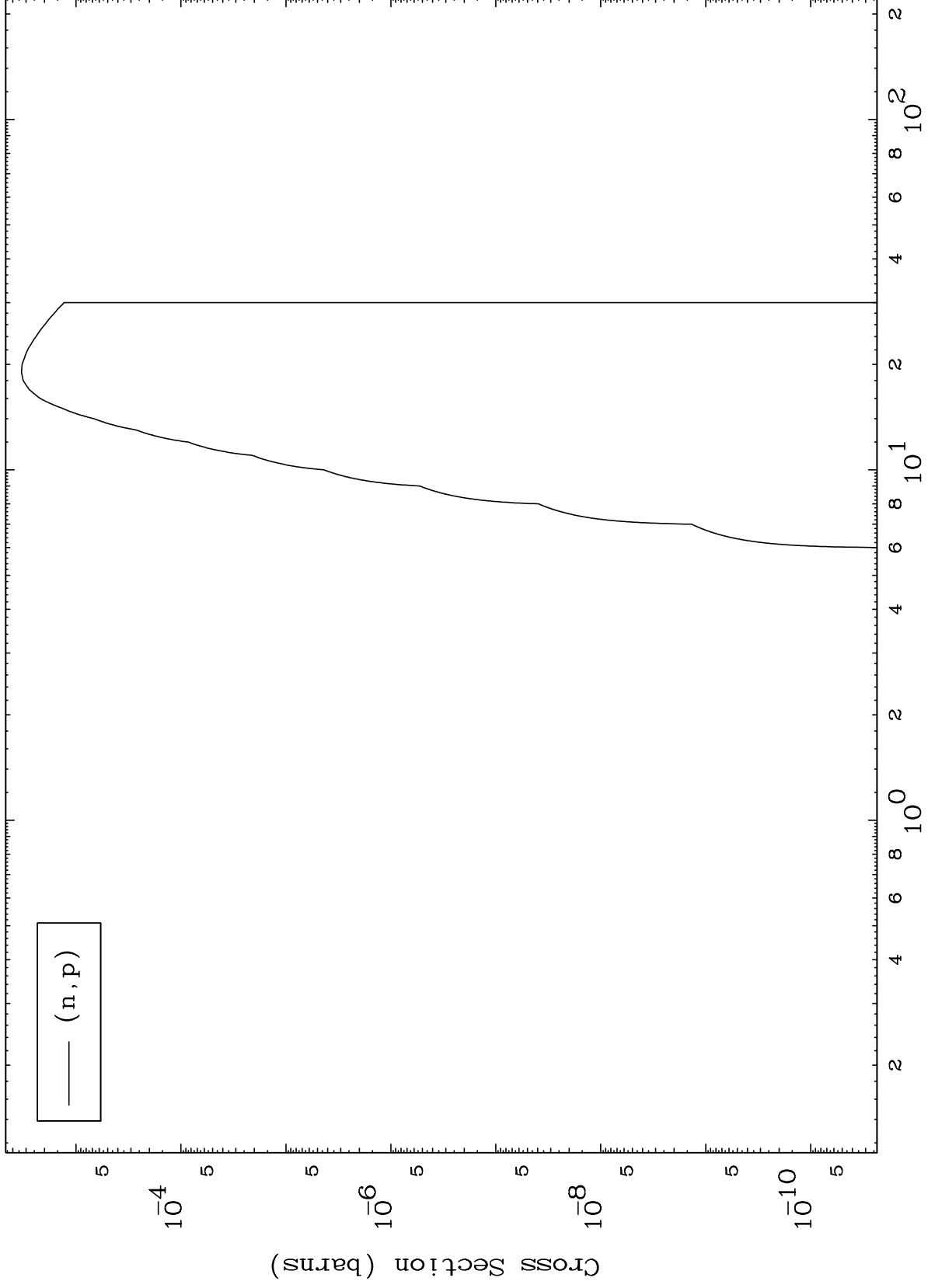
54-Xe-135



MAT 5458

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

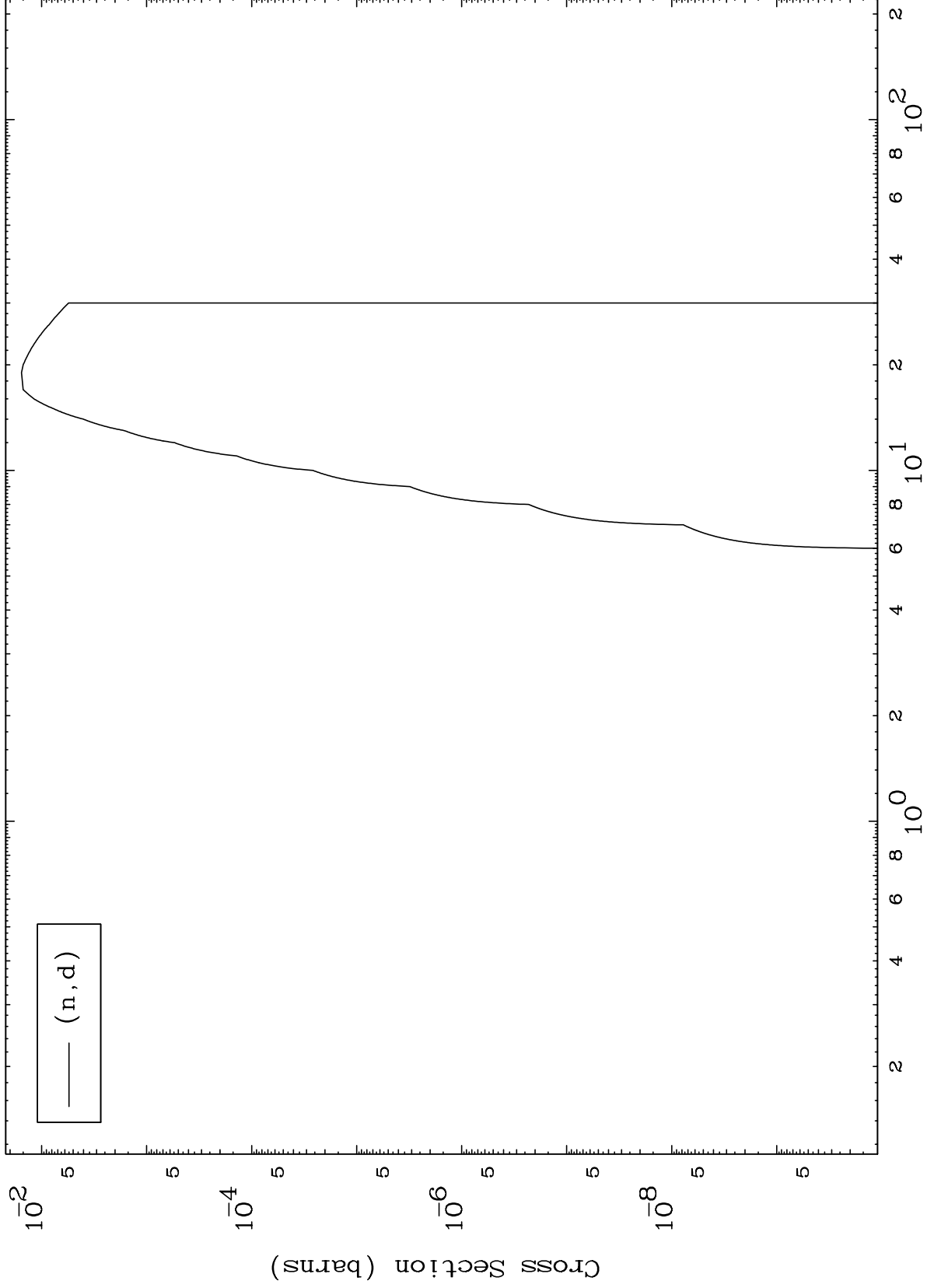
54-Xe-135



MAT 5458

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

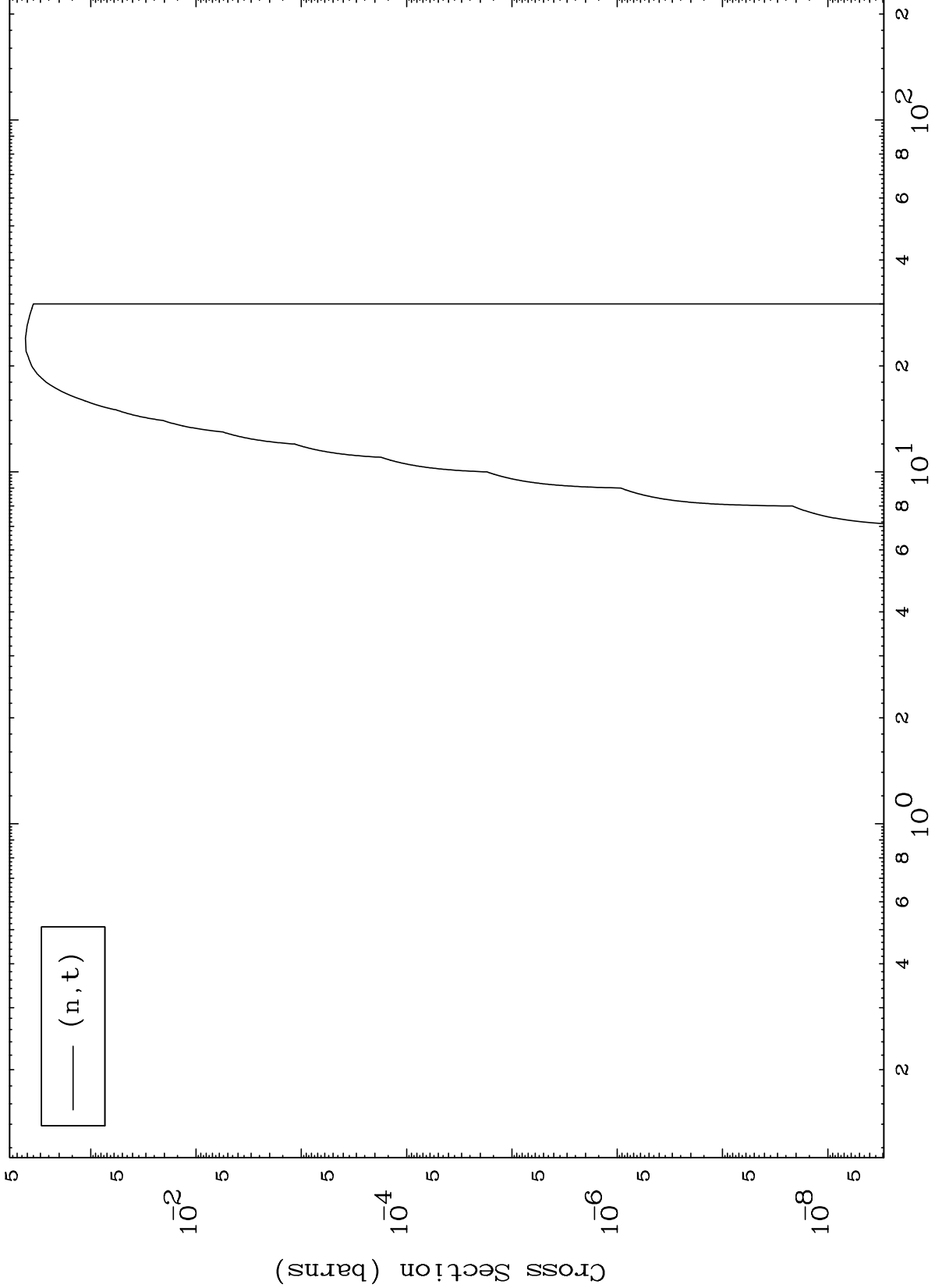
54-Xe-135



MAT 5458

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

54-Xe-135

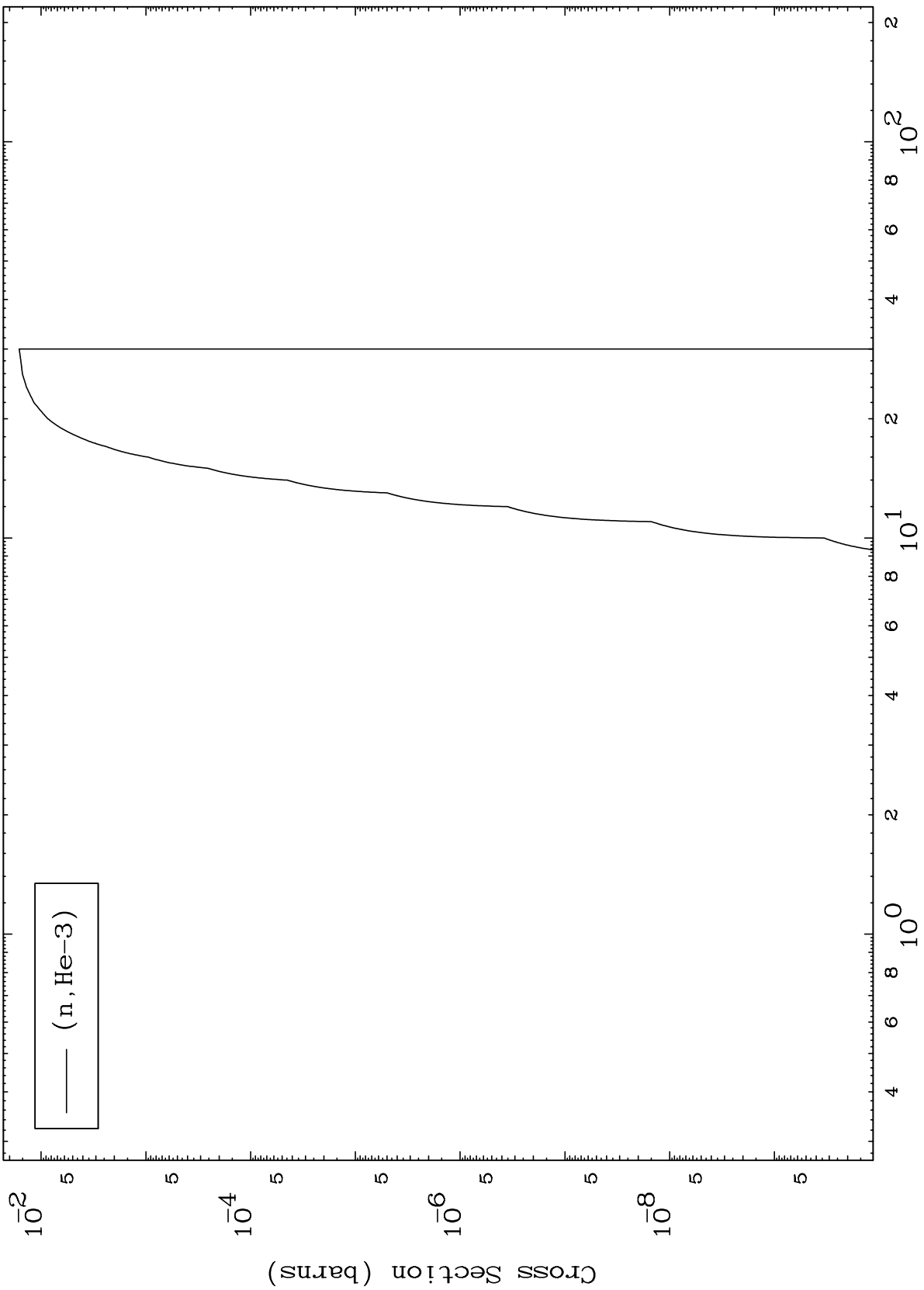


MAT 5458

(He-3, He3) Levels

54-Xe-135

0 Kelvin Cross Sections



10

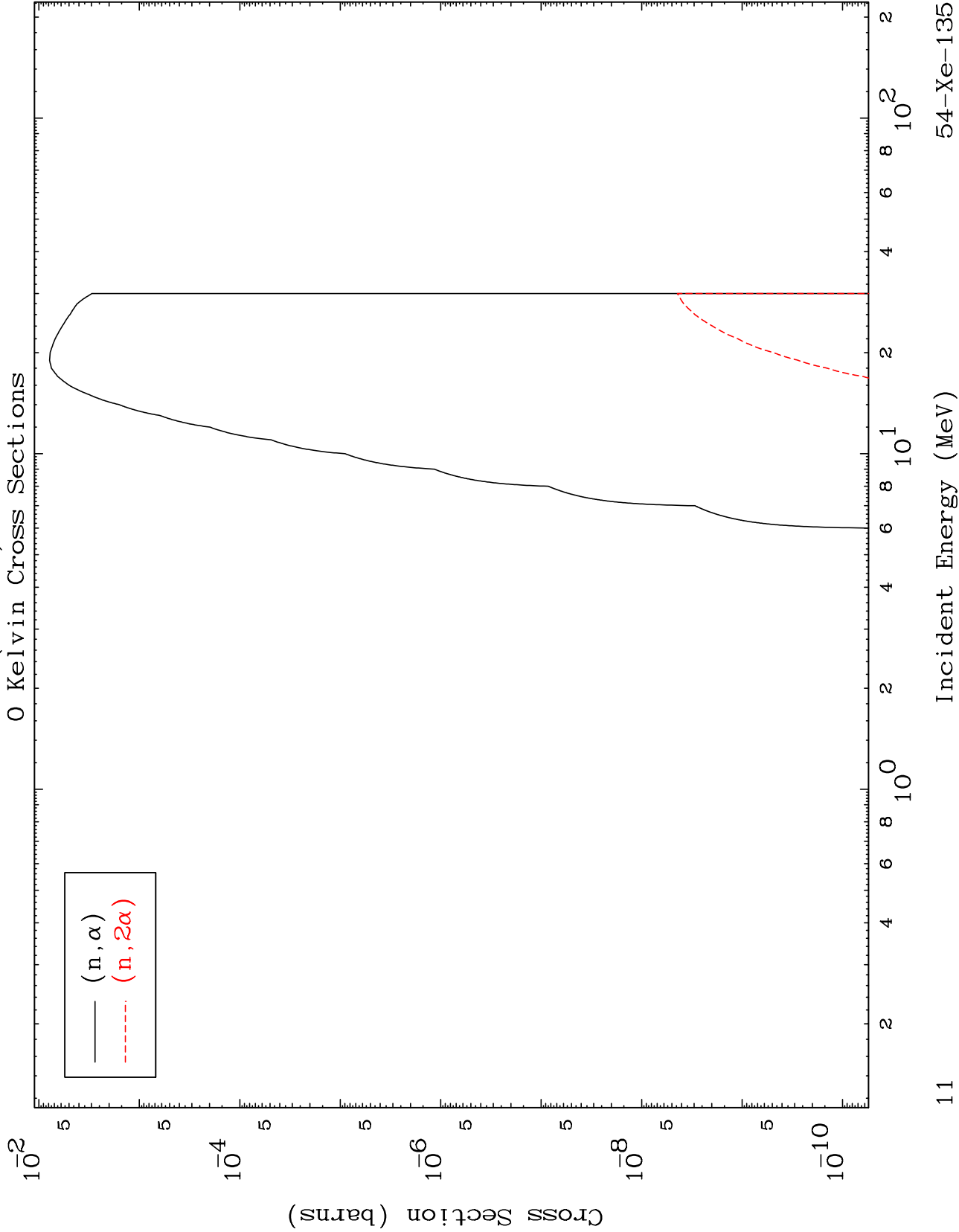
Incident Energy (MeV)

54-Xe-135

MAT 5458

(He-3,  $\alpha$ ) Levels

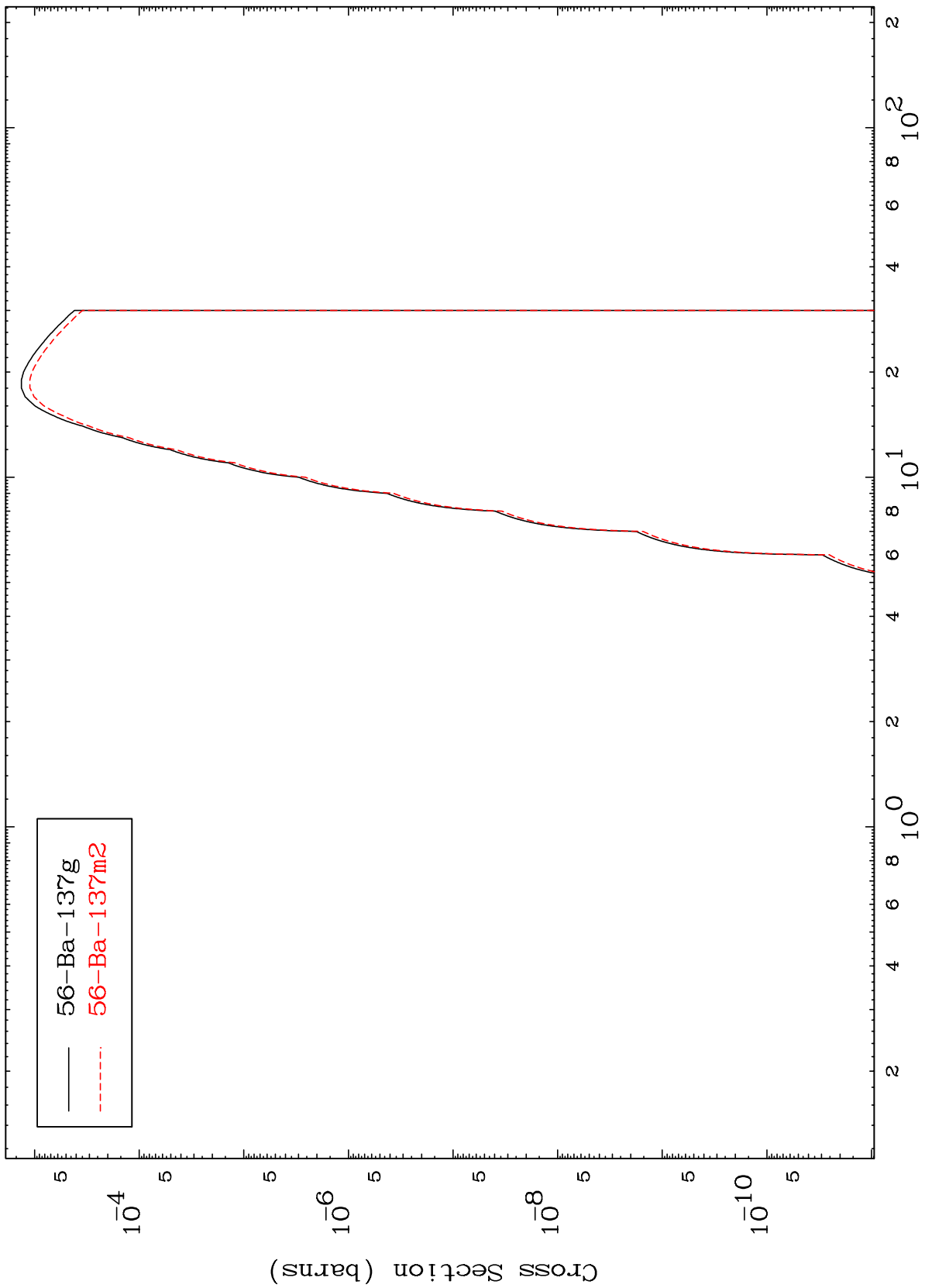
54-Xe-135



MAT 5458

54-Xe-135

Radionuclide Production Cross Section

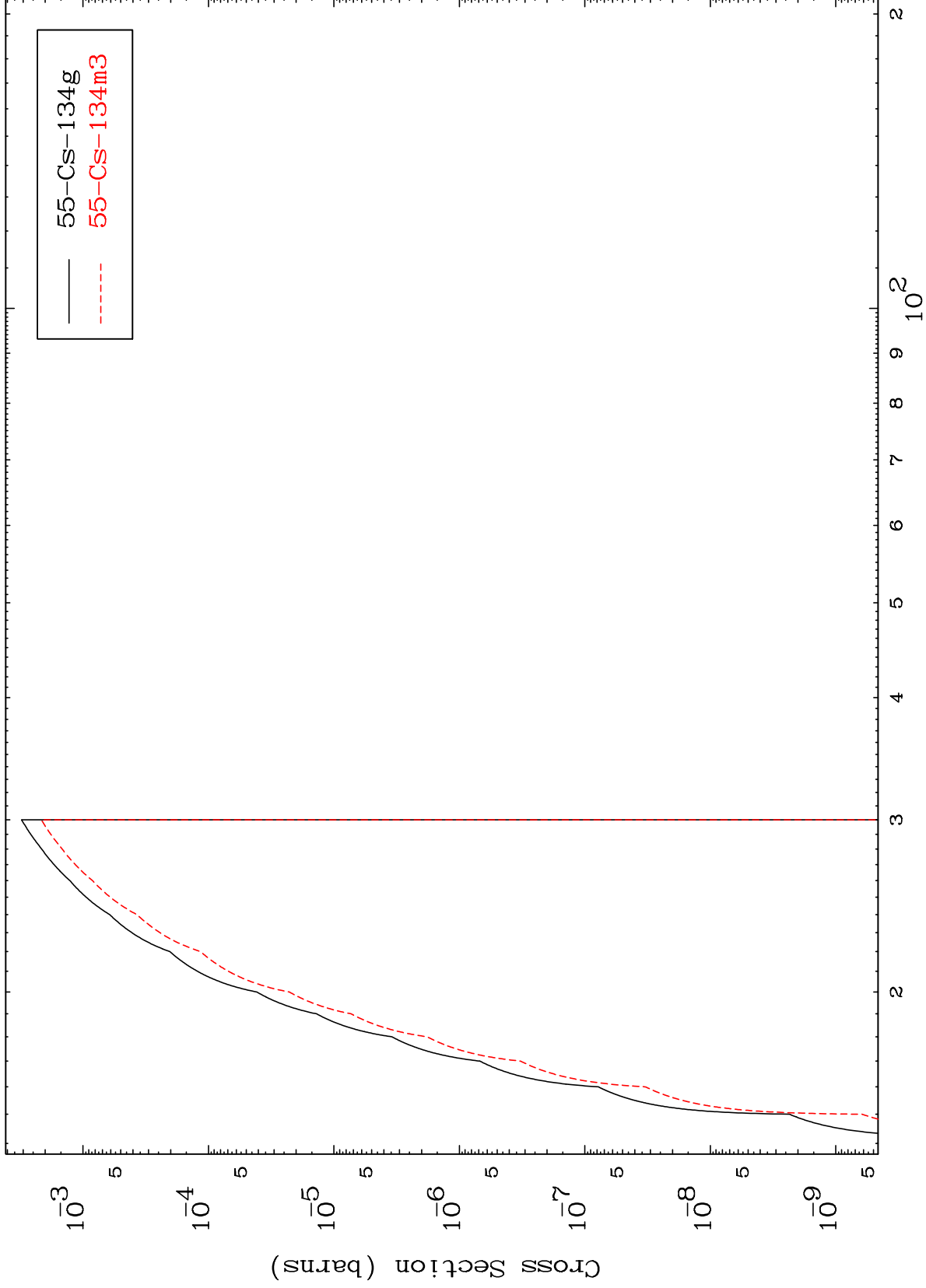


54-Xe-135

Incident Energy (MeV)

12

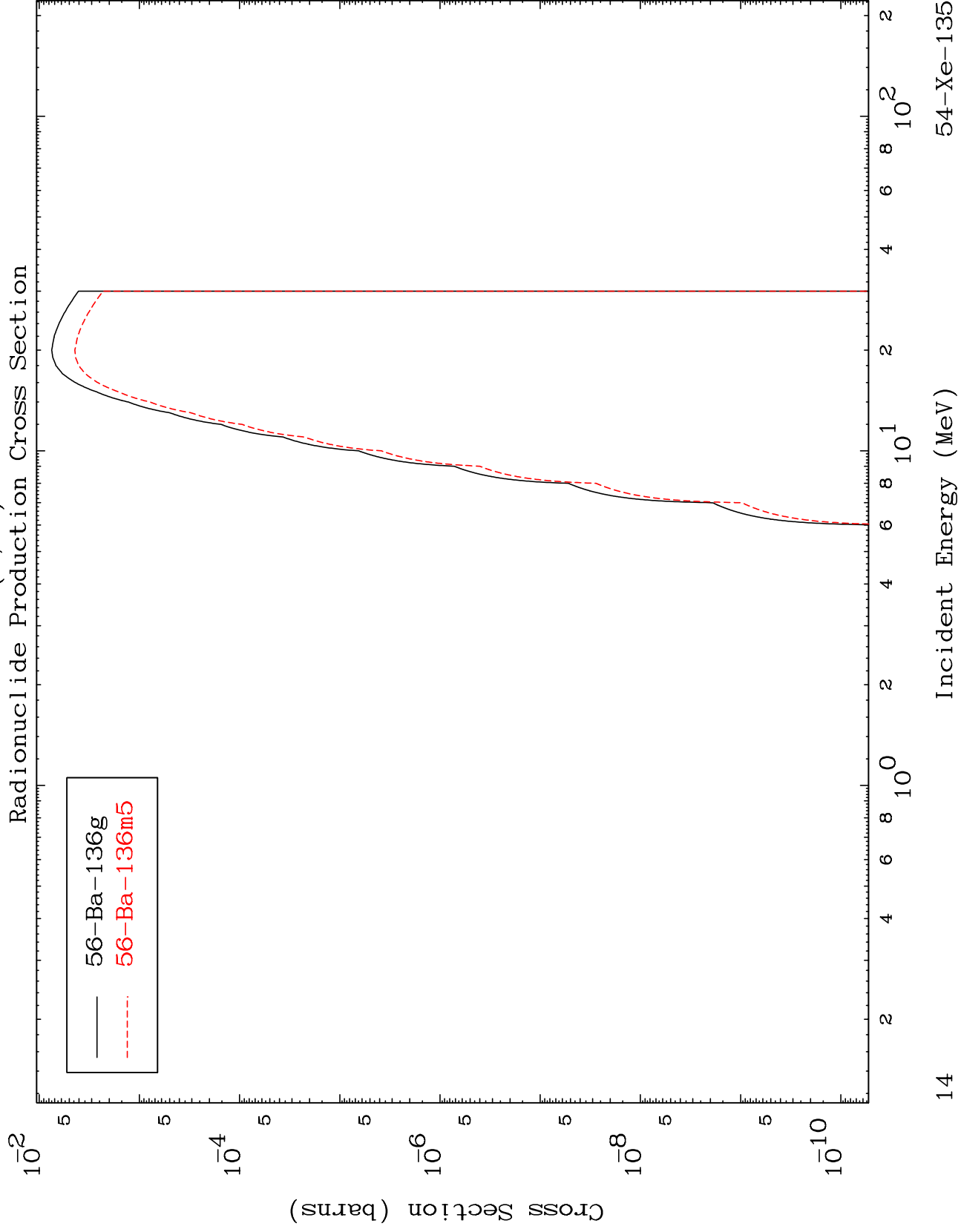
Radionuclide Production Cross Section



MAT 5458

(n,2n)

54-Xe-135



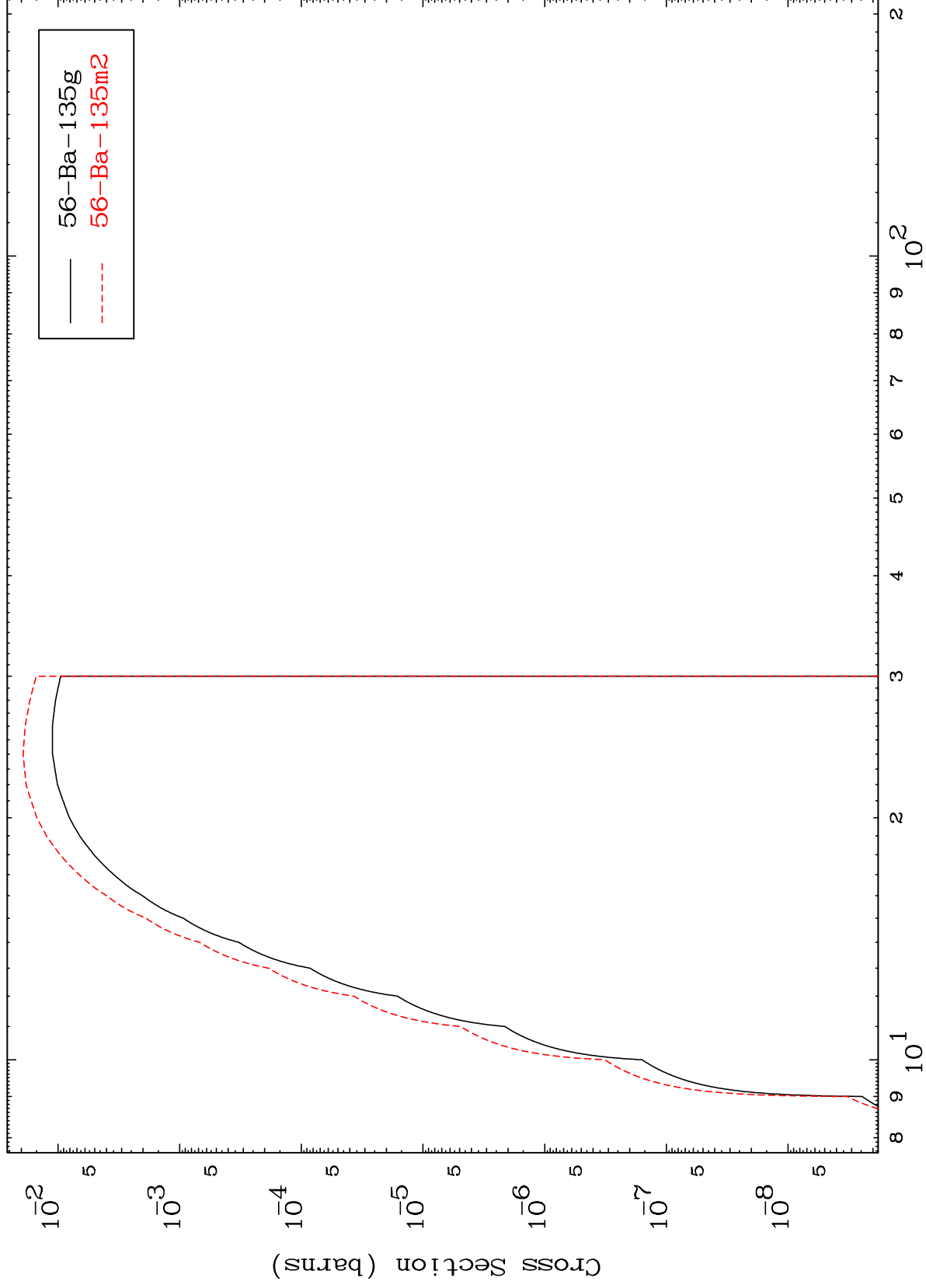
14

MAT 5458

(n,3n)

54-Xe-135

Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-135

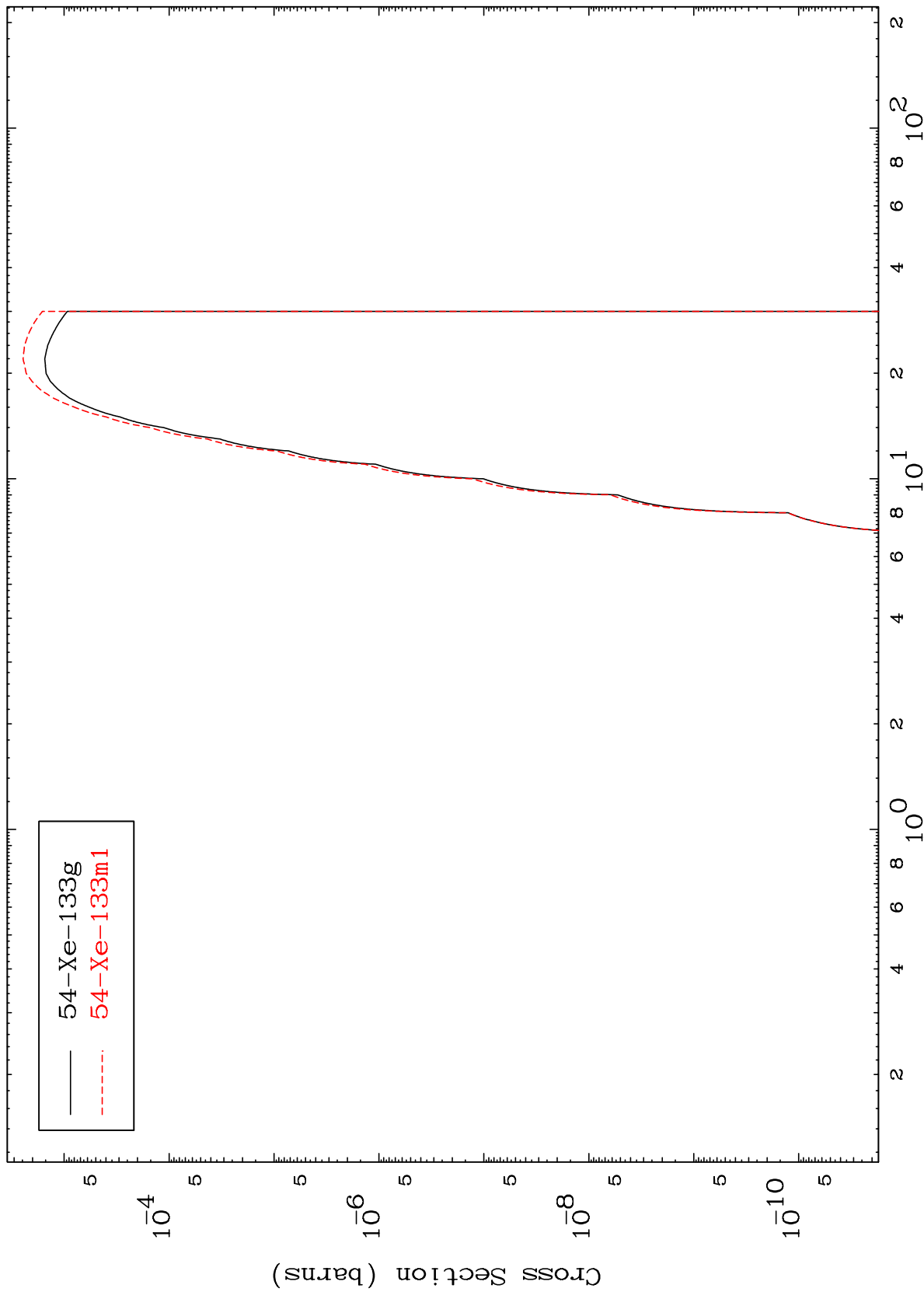
15

MAT 5458

$(n, n') \alpha$

54-Xe-135

Radionuclide Production Cross Section

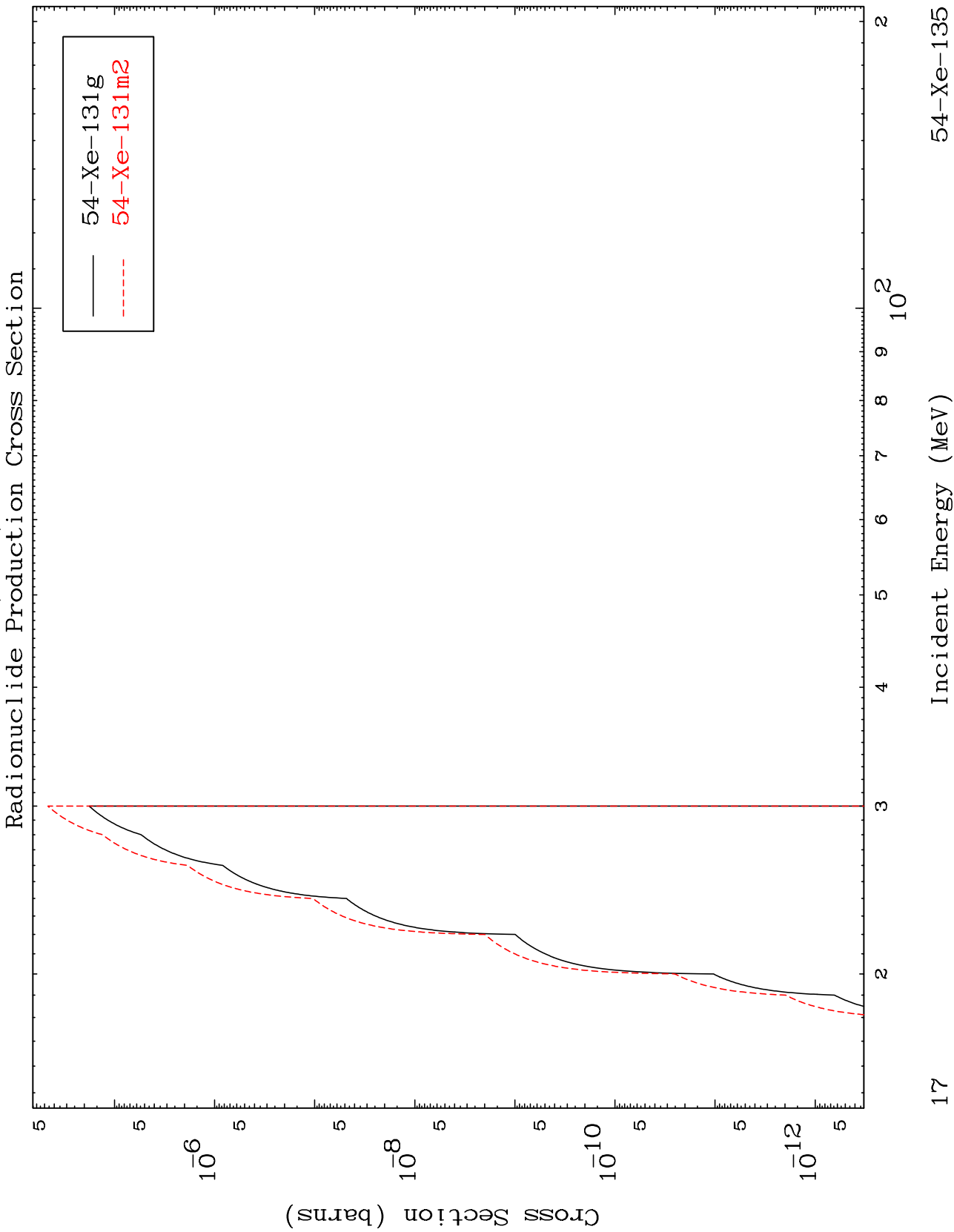


54-Xe-133g  
54-Xe-133m1

MAT 5458

$(n,3n) \alpha$

54-Xe-135



17

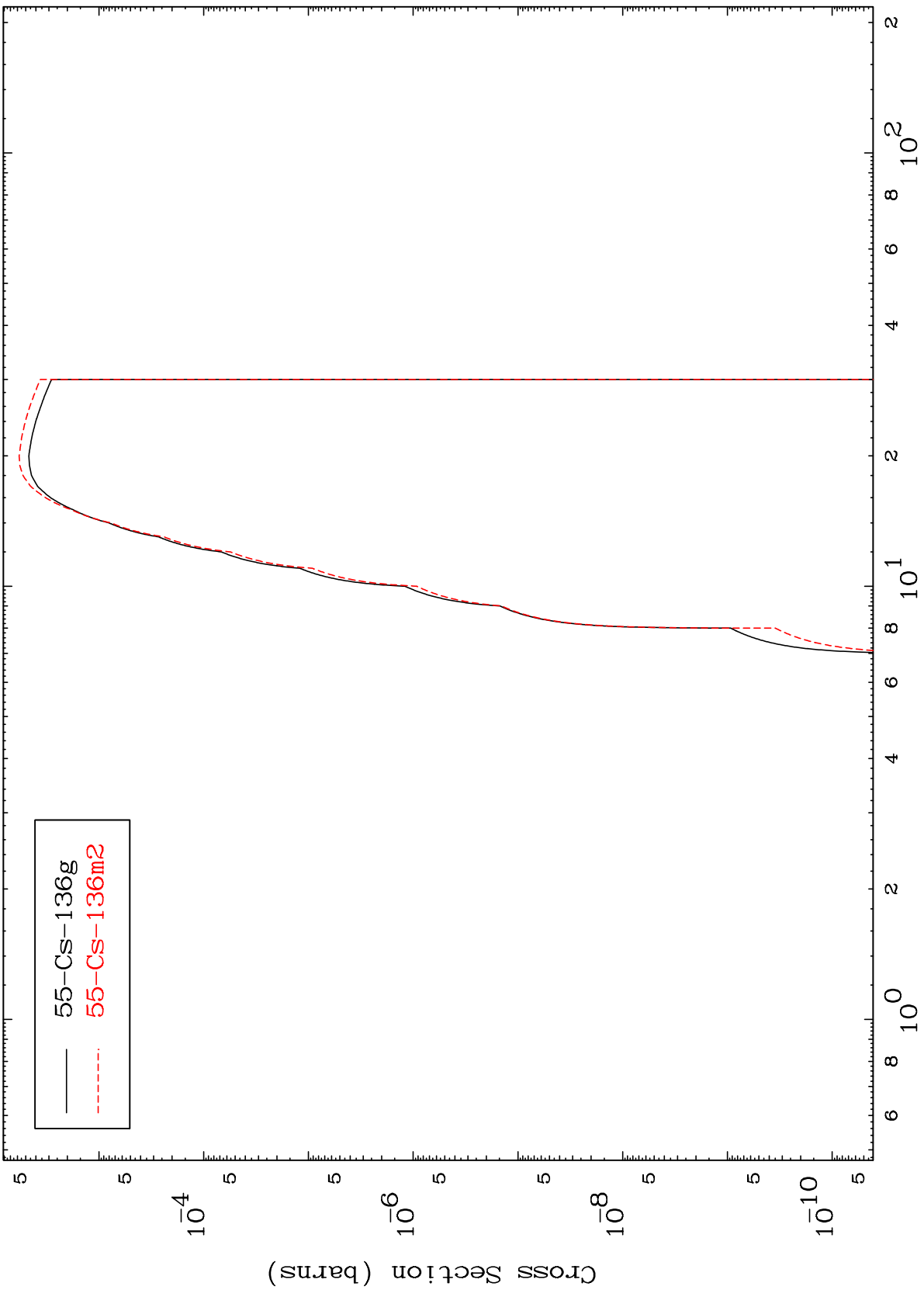
54-Xe-135

MAT 5458

(n,n') p

54-Xe-135

Radionuclide Production Cross Section



18

Incident Energy (MeV)

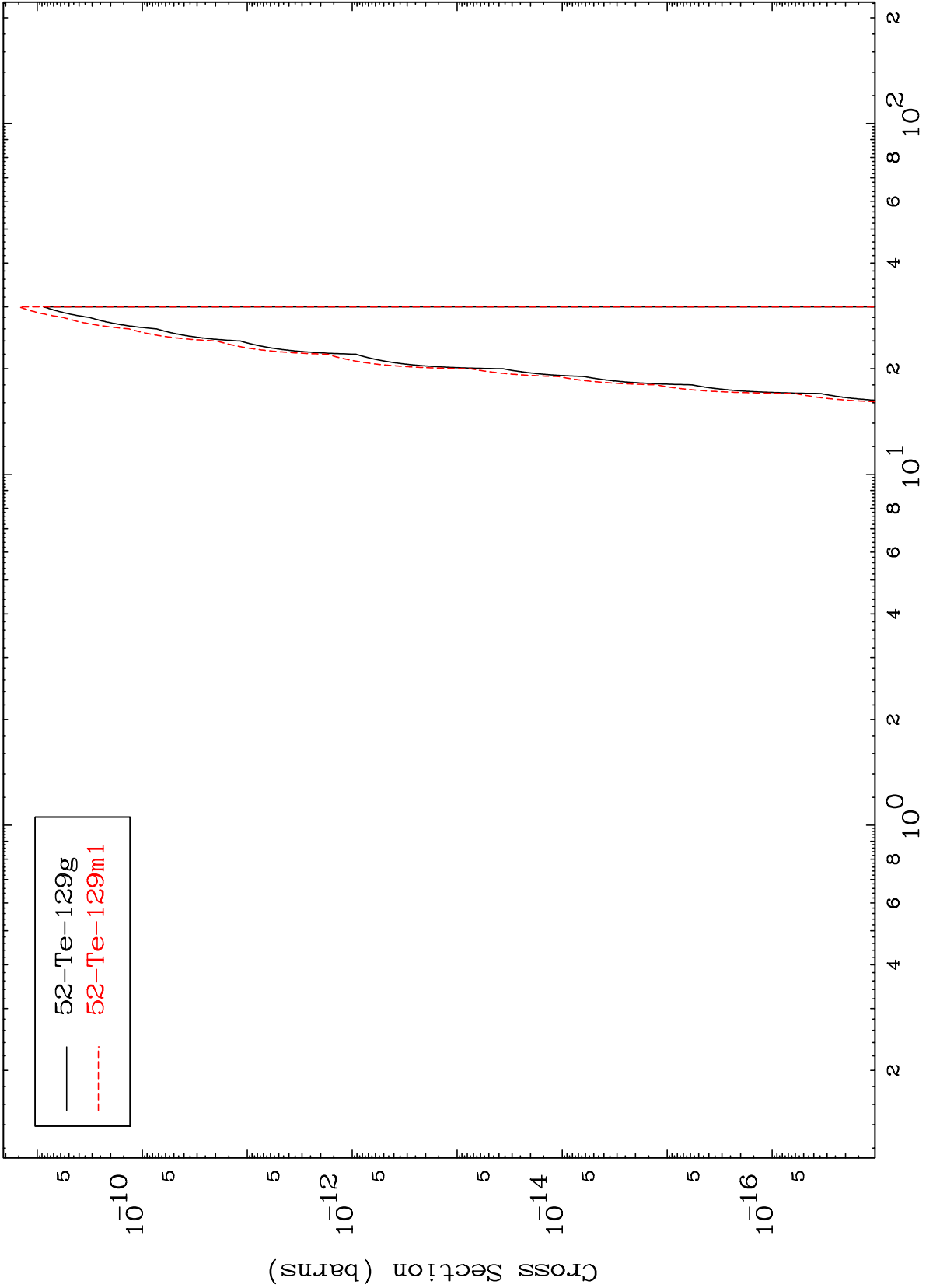
54-Xe-135

MAT 5458

(n,n') 2α

54-Xe-135

Radionuclide Production Cross Section

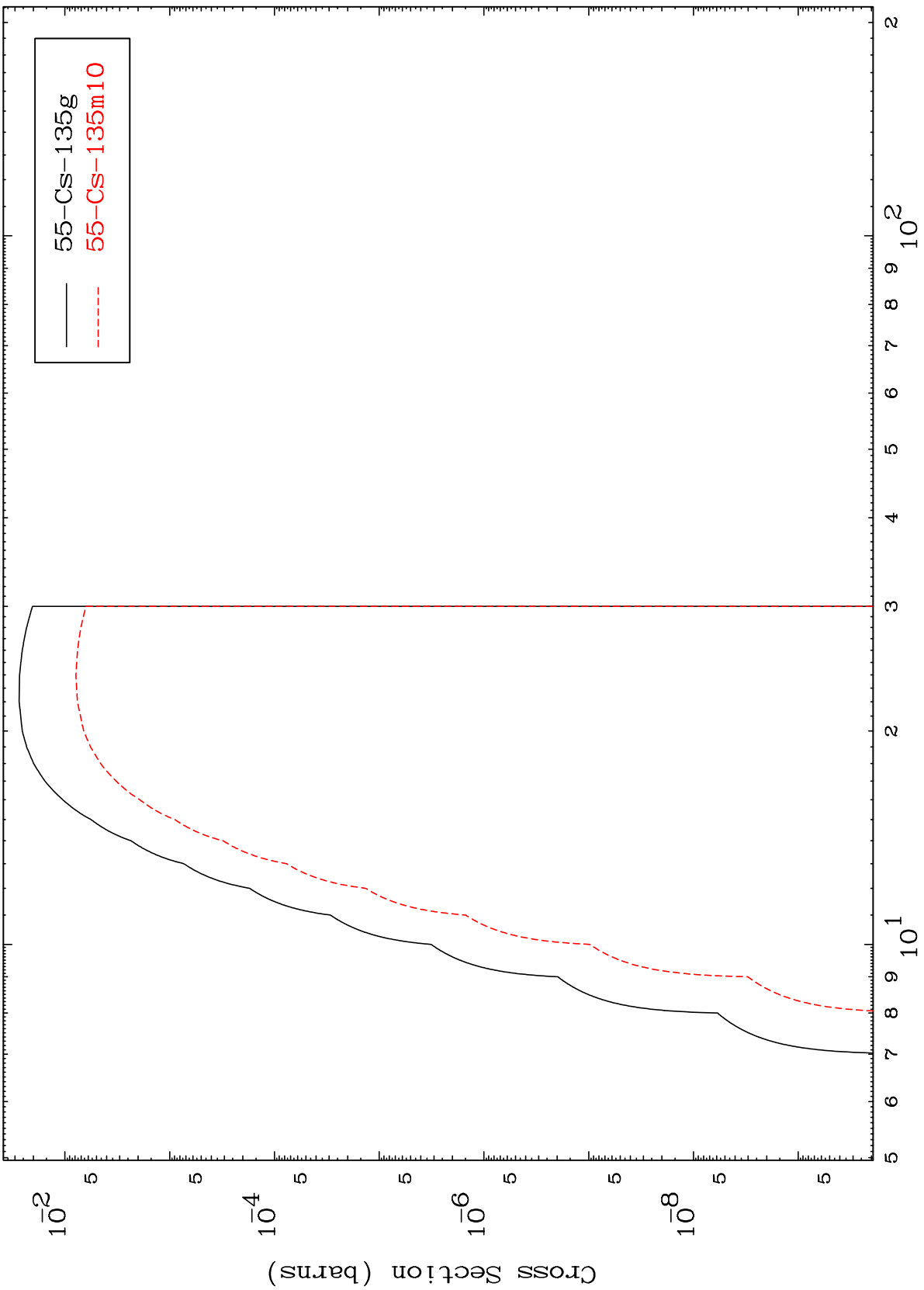


MAT 5458

(n,n') d

54-Xe-135

Radionuclide Production Cross Section



20

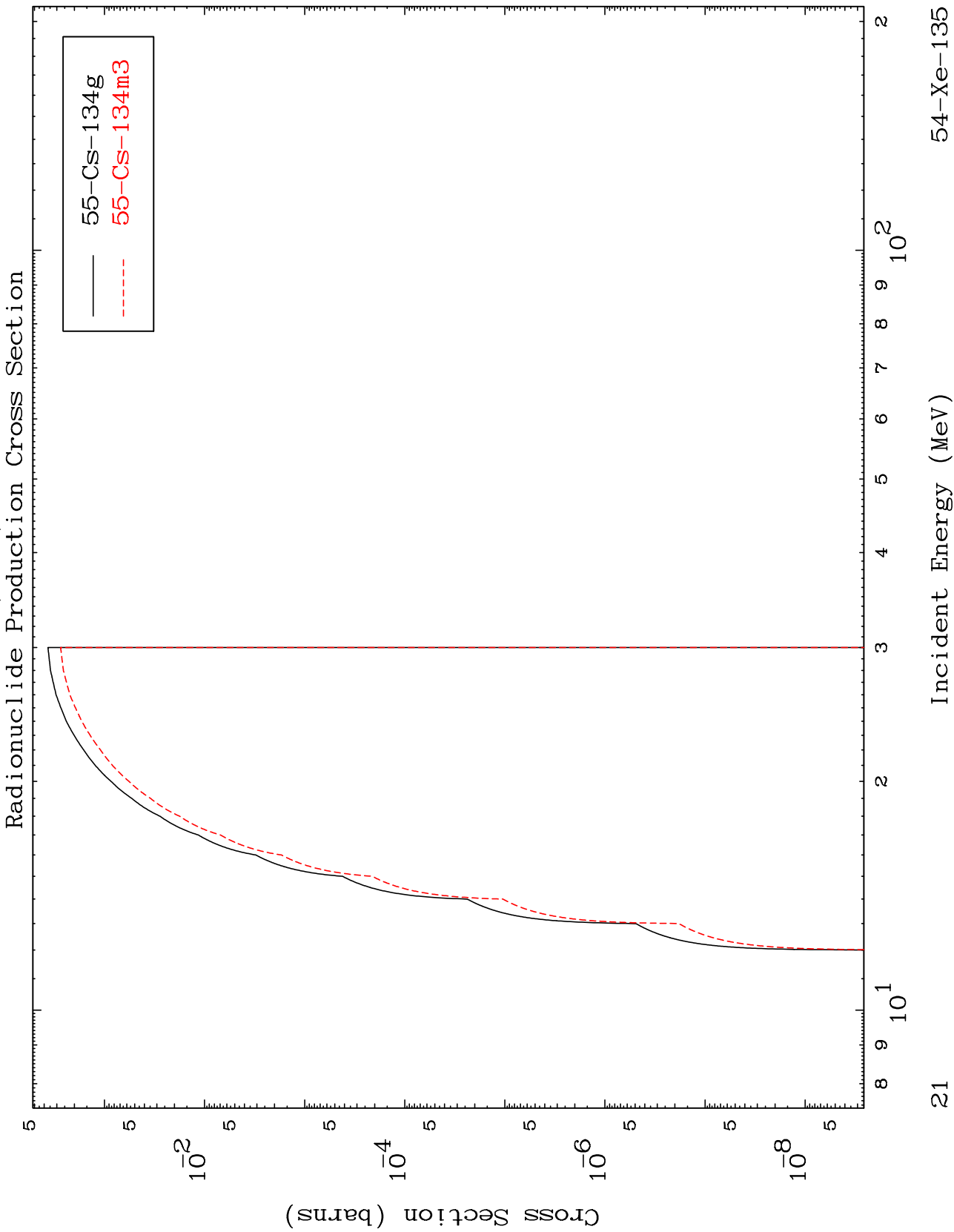
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,n') t

54-Xe-135



21

54-Xe-135

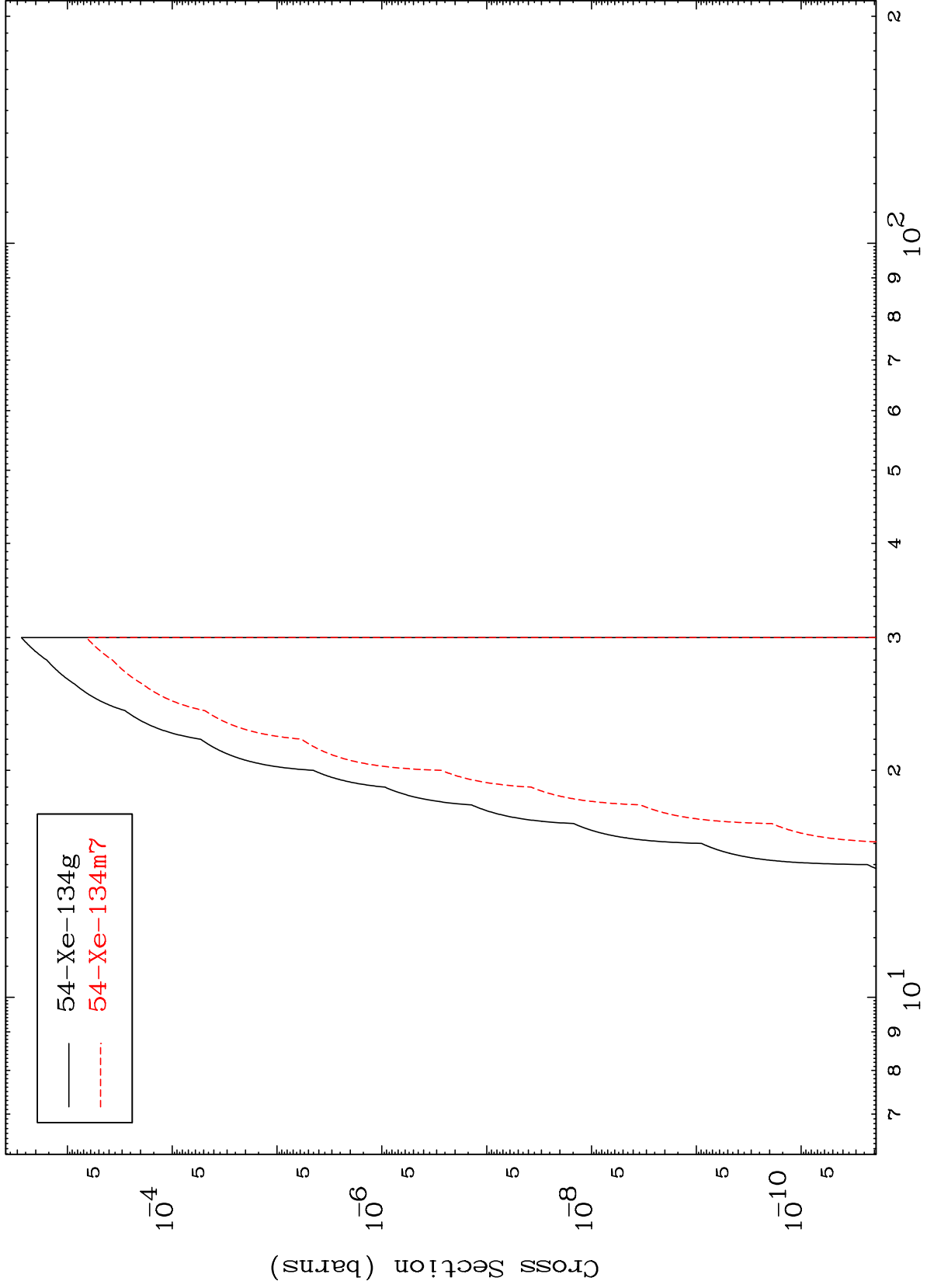
54-Xe-135

MAT 5458

(n,n') He-3

54-Xe-135

Radionuclide Production Cross Section



22

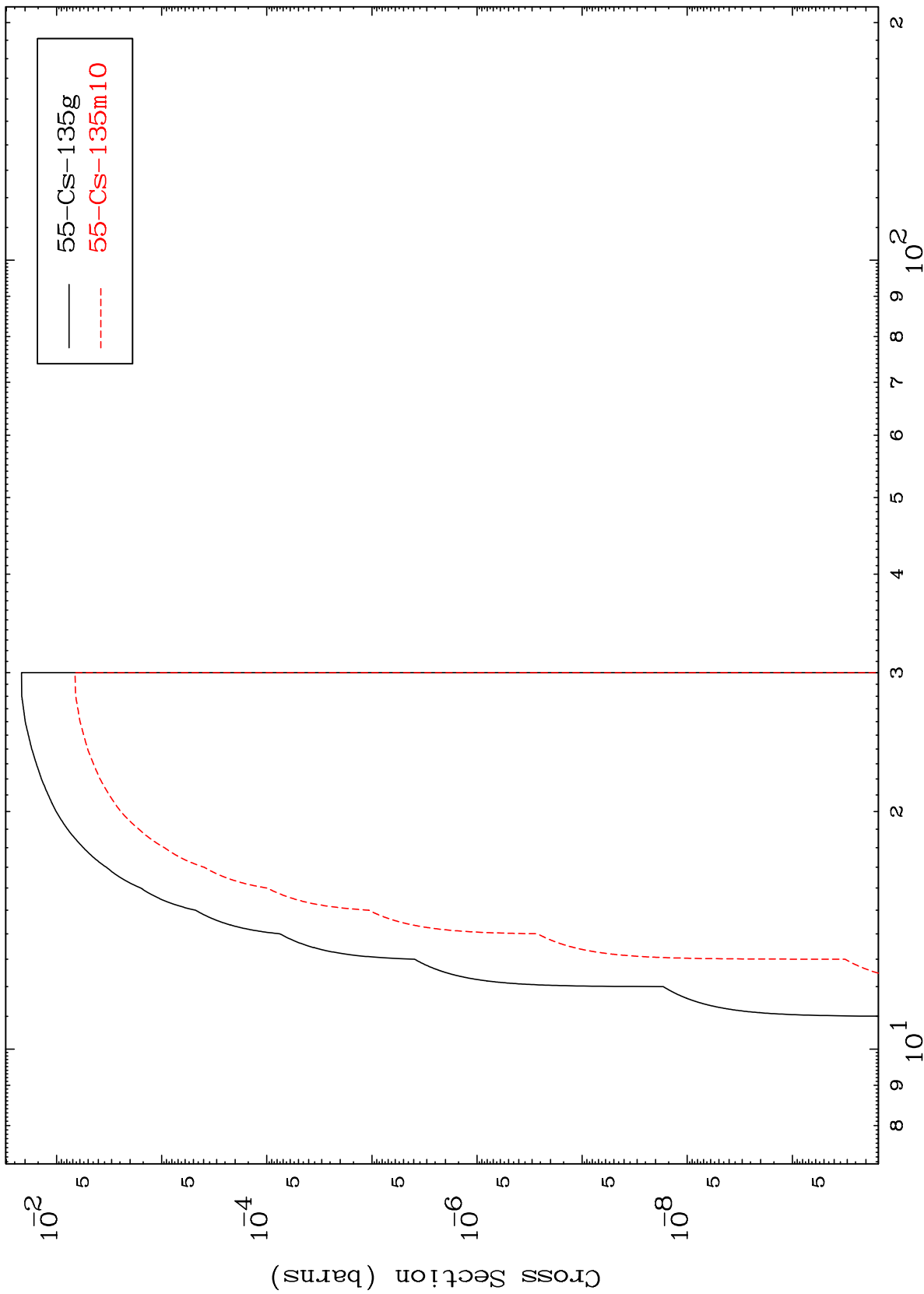
Incident Energy (MeV)

54-Xe-135

MAT 5458

54-Xe-135

(n,2n) p  
Radionuclide Production Cross Section



23

Incident Energy (MeV)

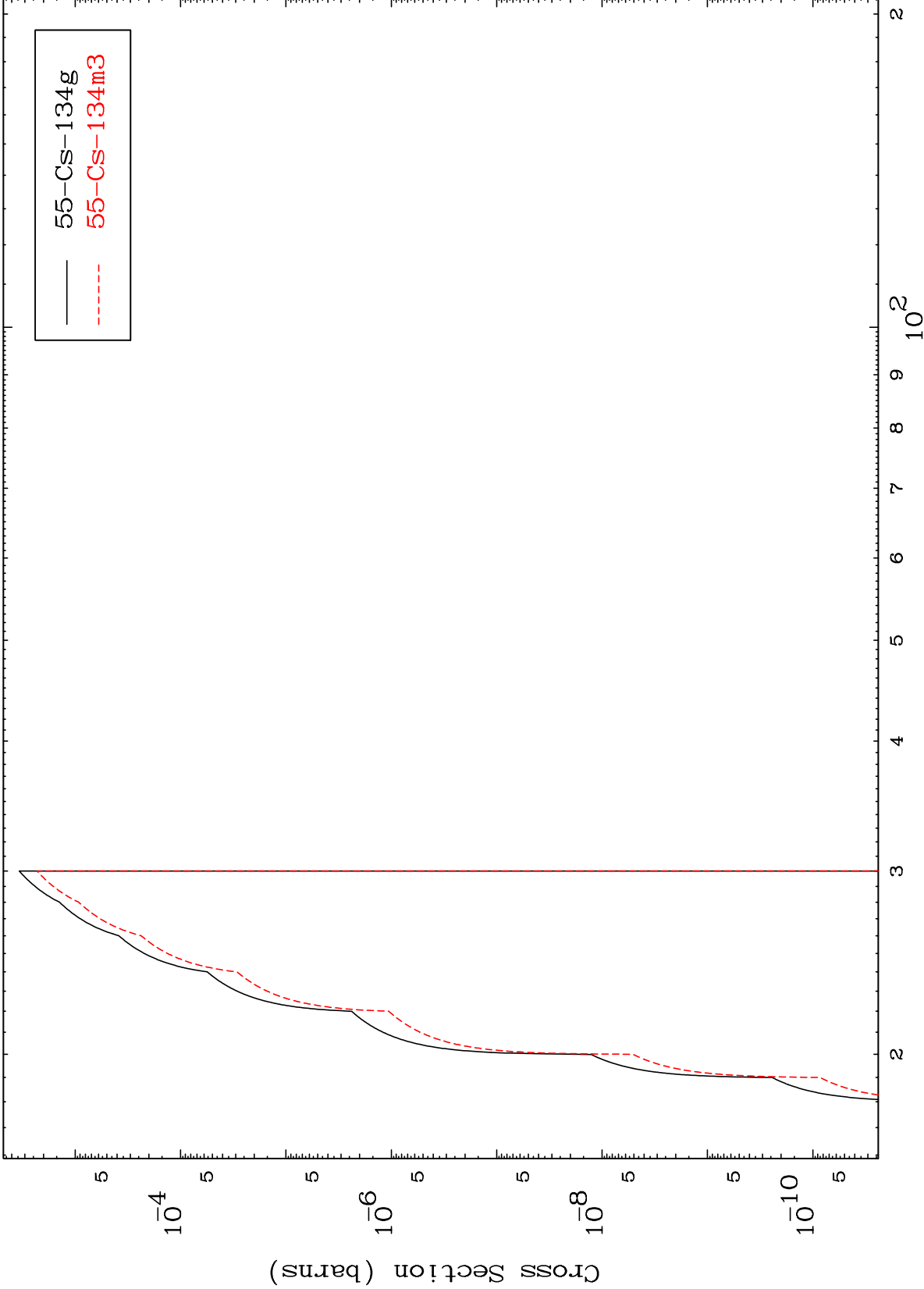
54-Xe-135

MAT 5458

(n,3n) p

54-Xe-135

Radionuclide Production Cross Section



24

Incident Energy (MeV)

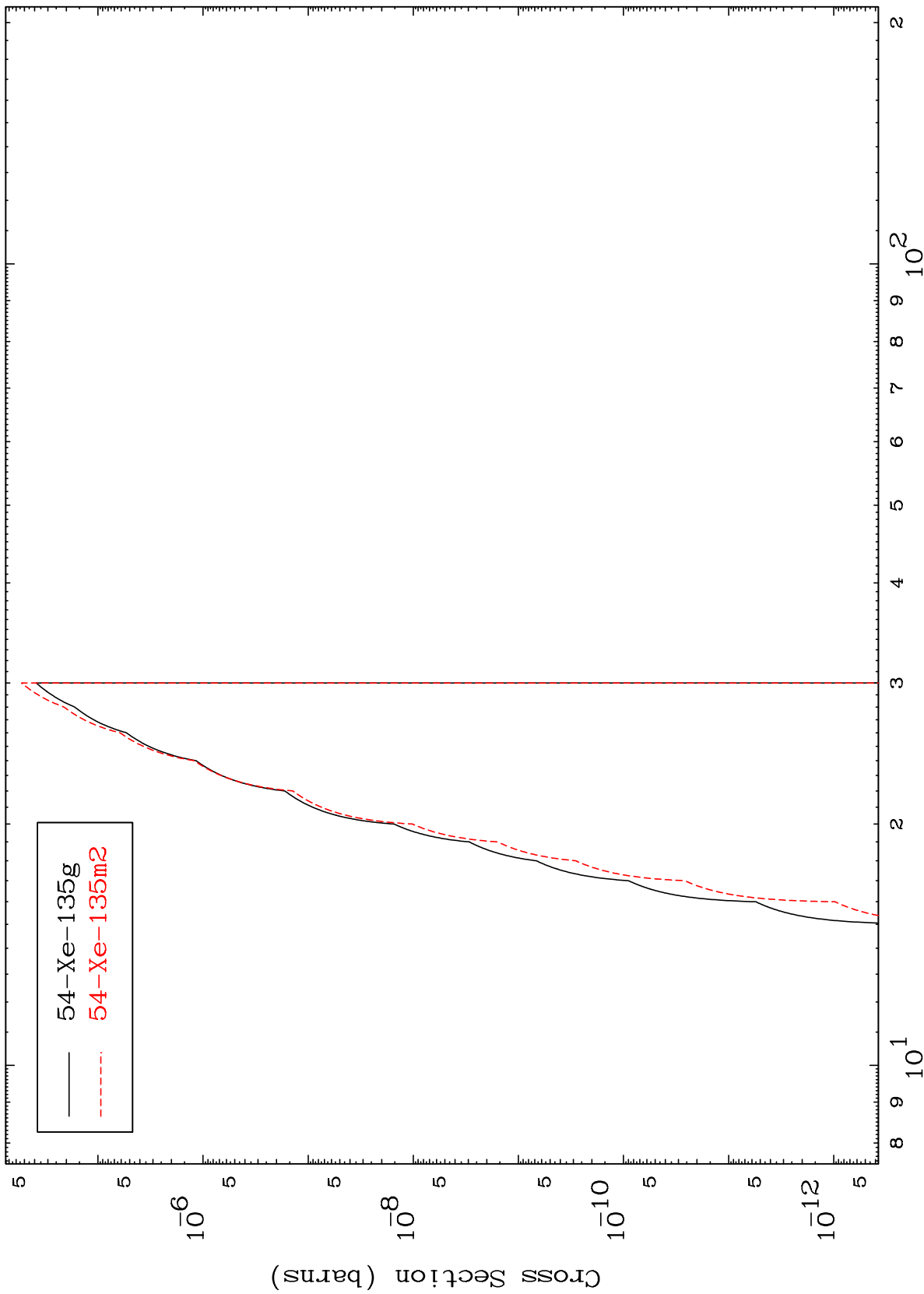
54-Xe-135

MAT 5458

(n,2n) p

54-Xe-135

Radionuclide Production Cross Section



25

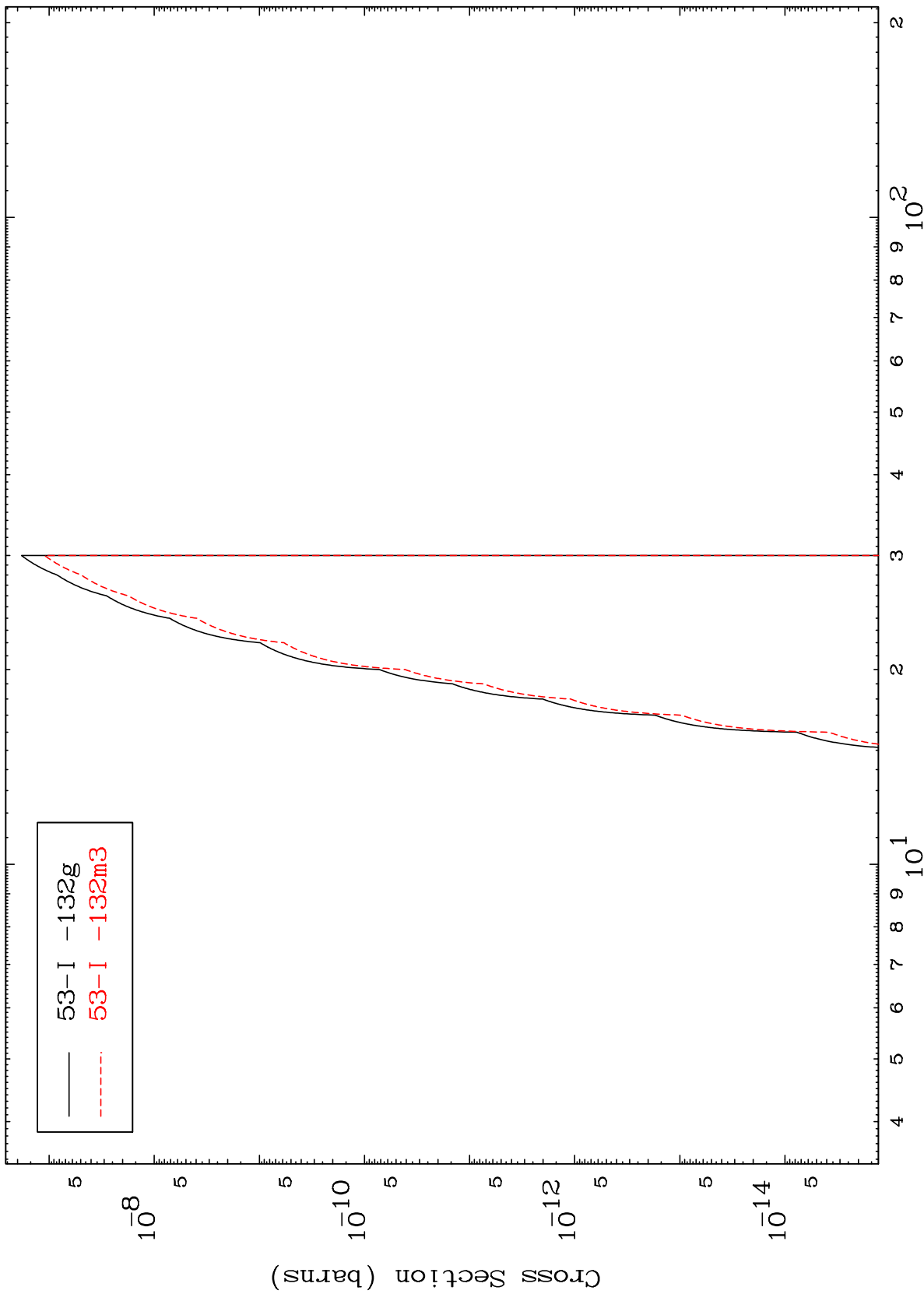
Incident Energy (MeV)

54-Xe-135

MAT 5458

54-Xe-135

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



26

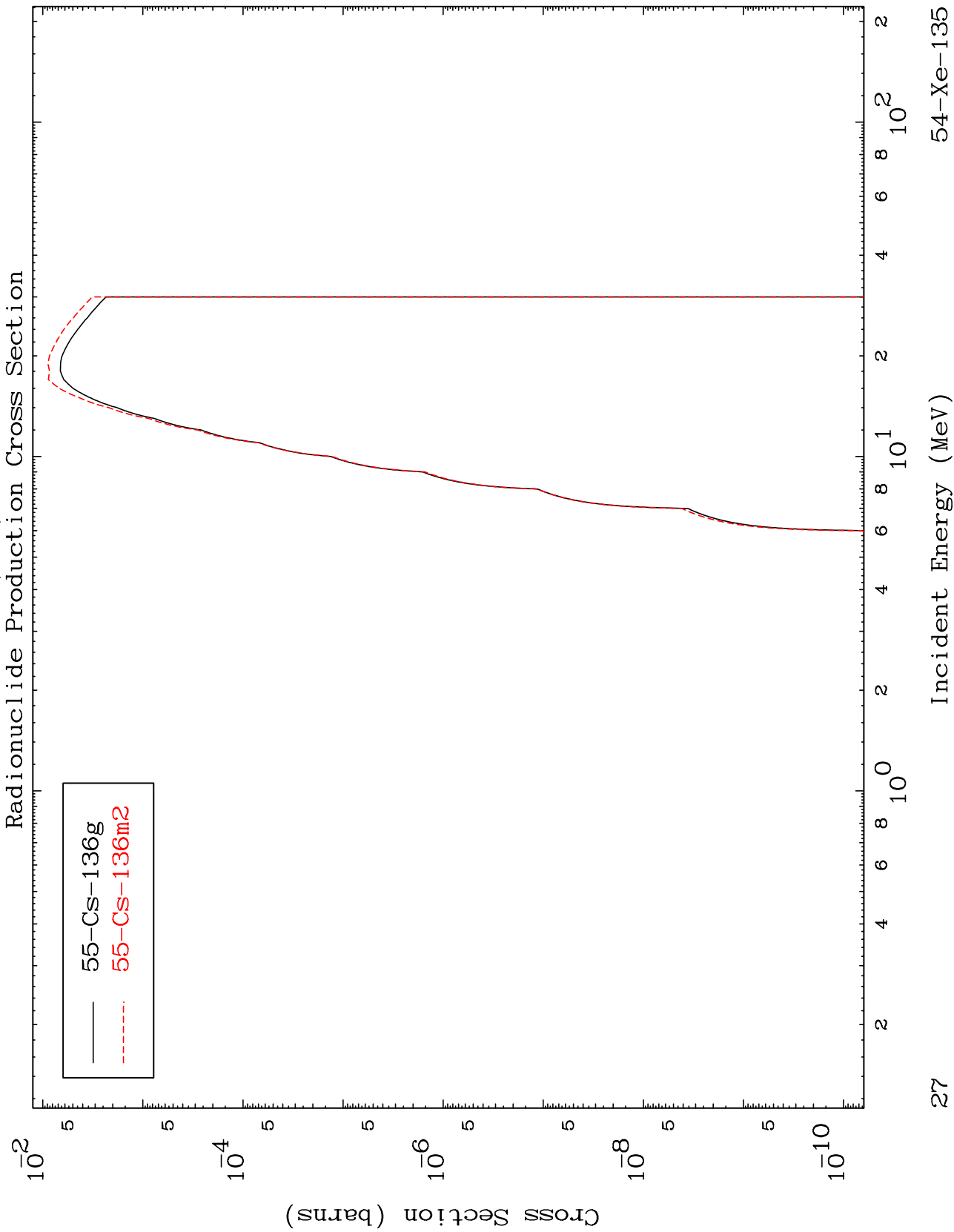
54-Xe-135

Incident Energy (MeV)

MAT 5458

(n, d)

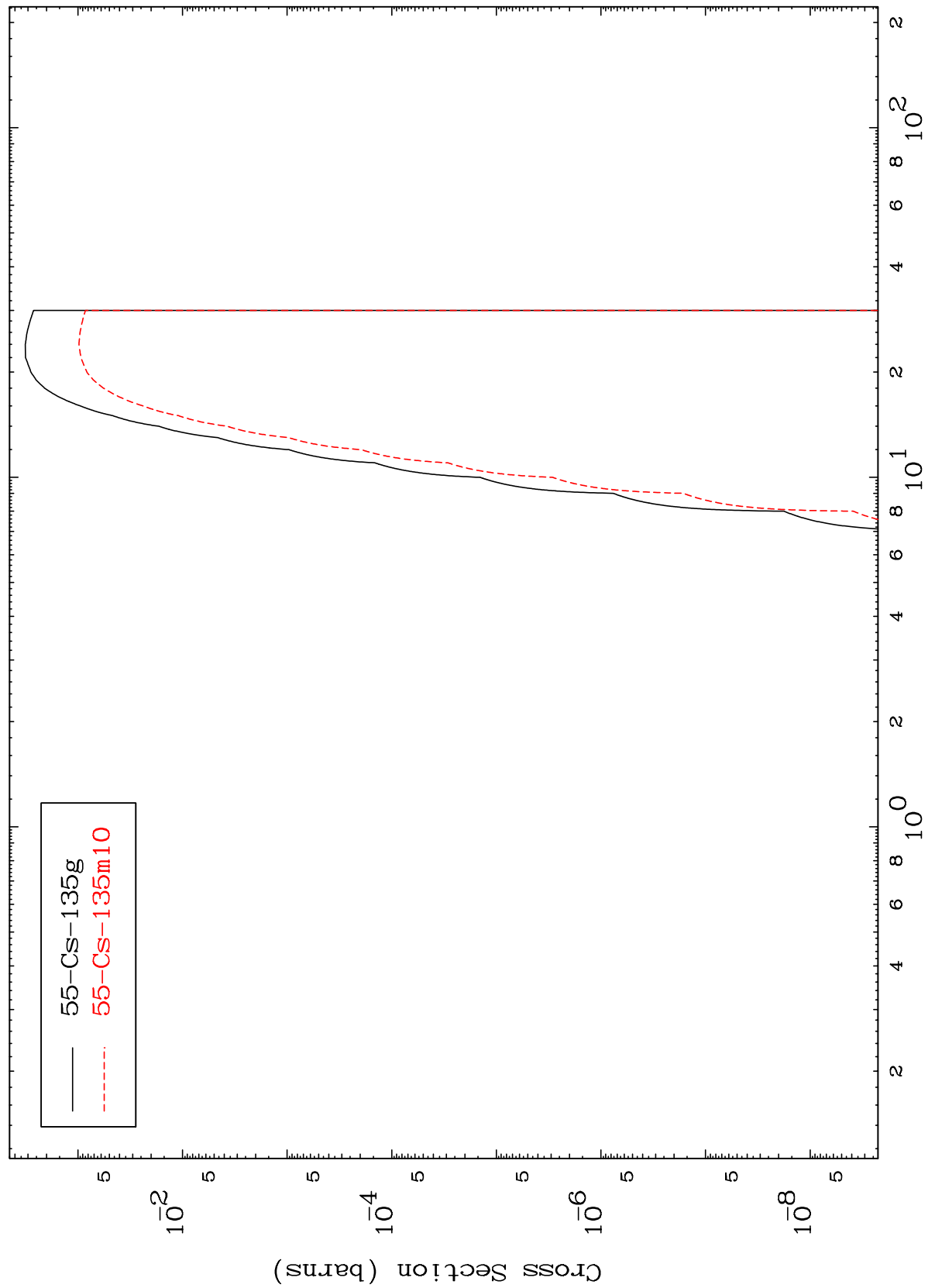
54-Xe-135



MAT 5458

54-Xe-135

(n, t)  
Radionuclide Production Cross Section



28

54-Xe-135

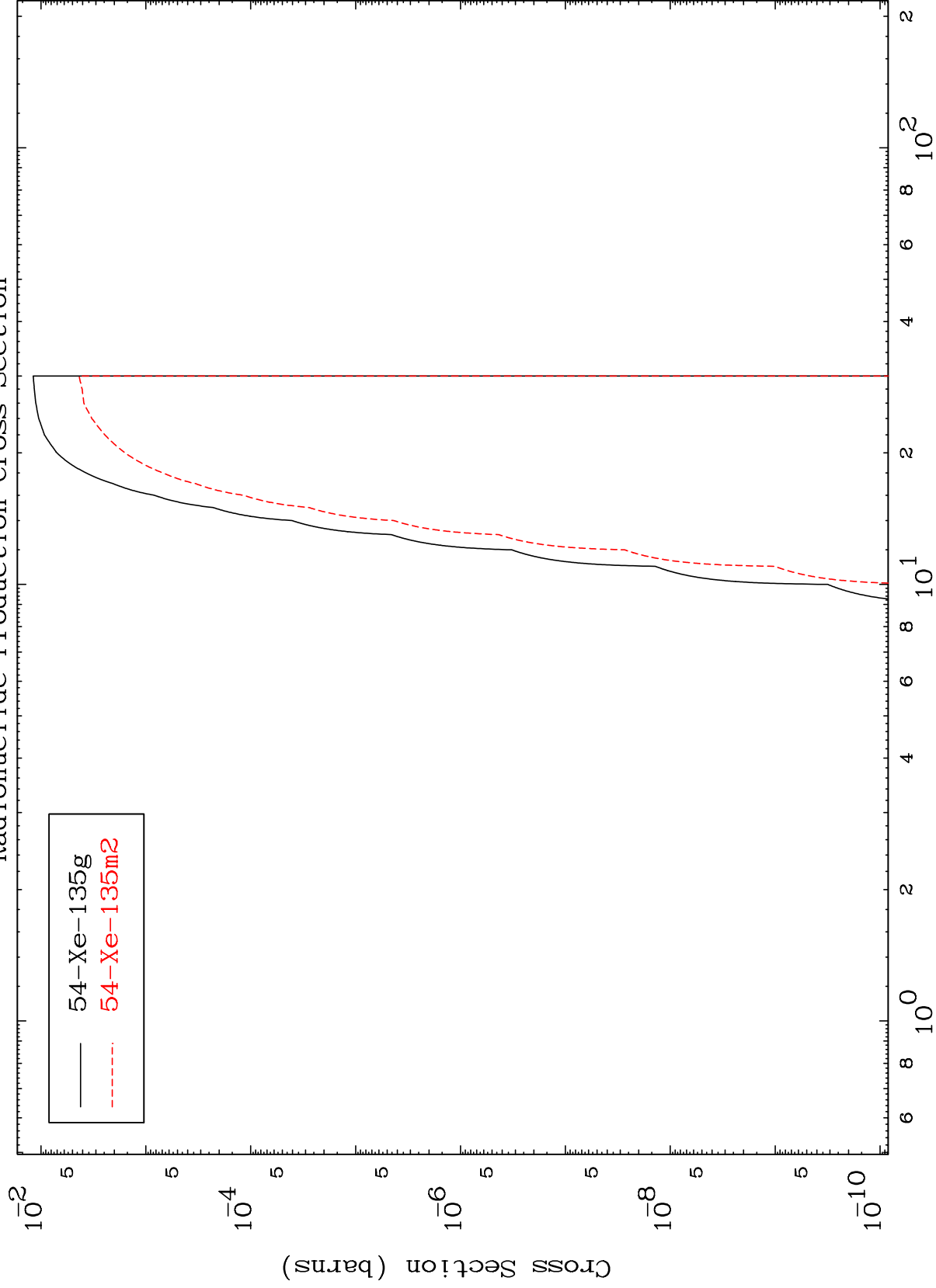
Incident Energy (MeV)

MAT 5458

(n,He-3)

54-Xe-135

Radionuclide Production Cross Section



29

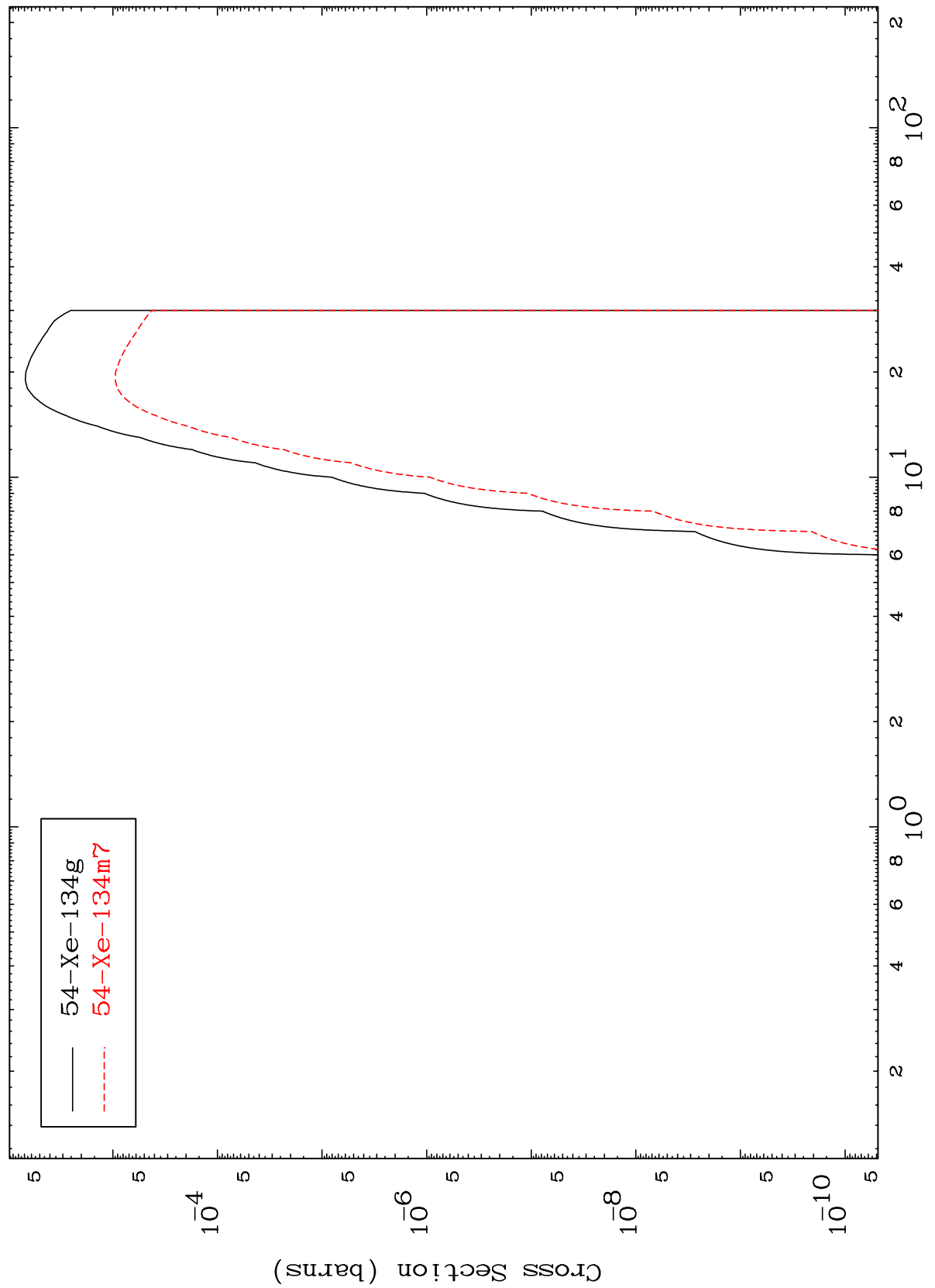
Incident Energy (MeV)

54-Xe-135

MAT 5458

54-Xe-135

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



— 54-Xe-134g  
- - - 54-Xe-134m7

30

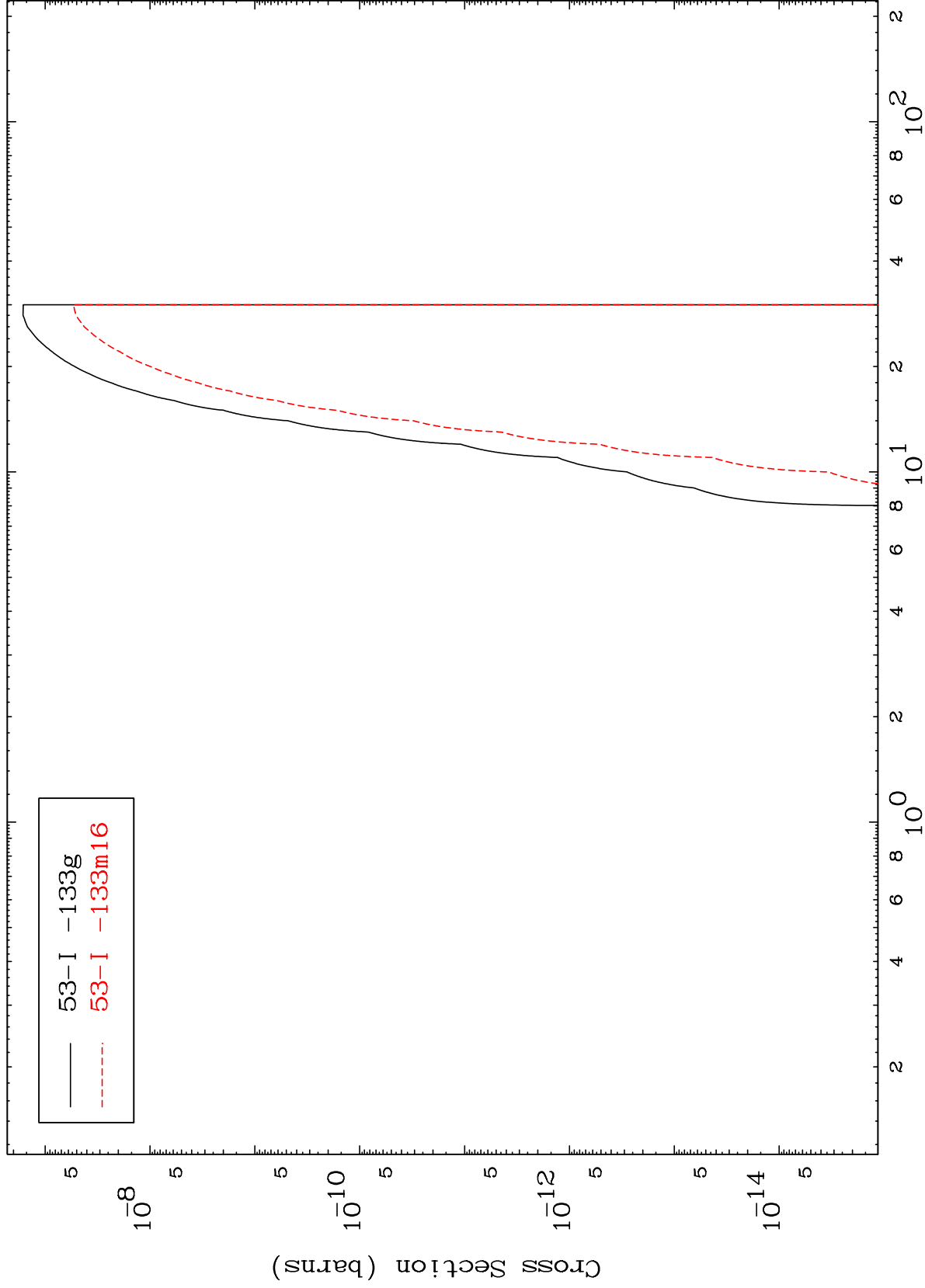
54-Xe-135

MAT 5458

(n,p)  $\alpha$

54-Xe-135

Radionuclide Production Cross Section



31

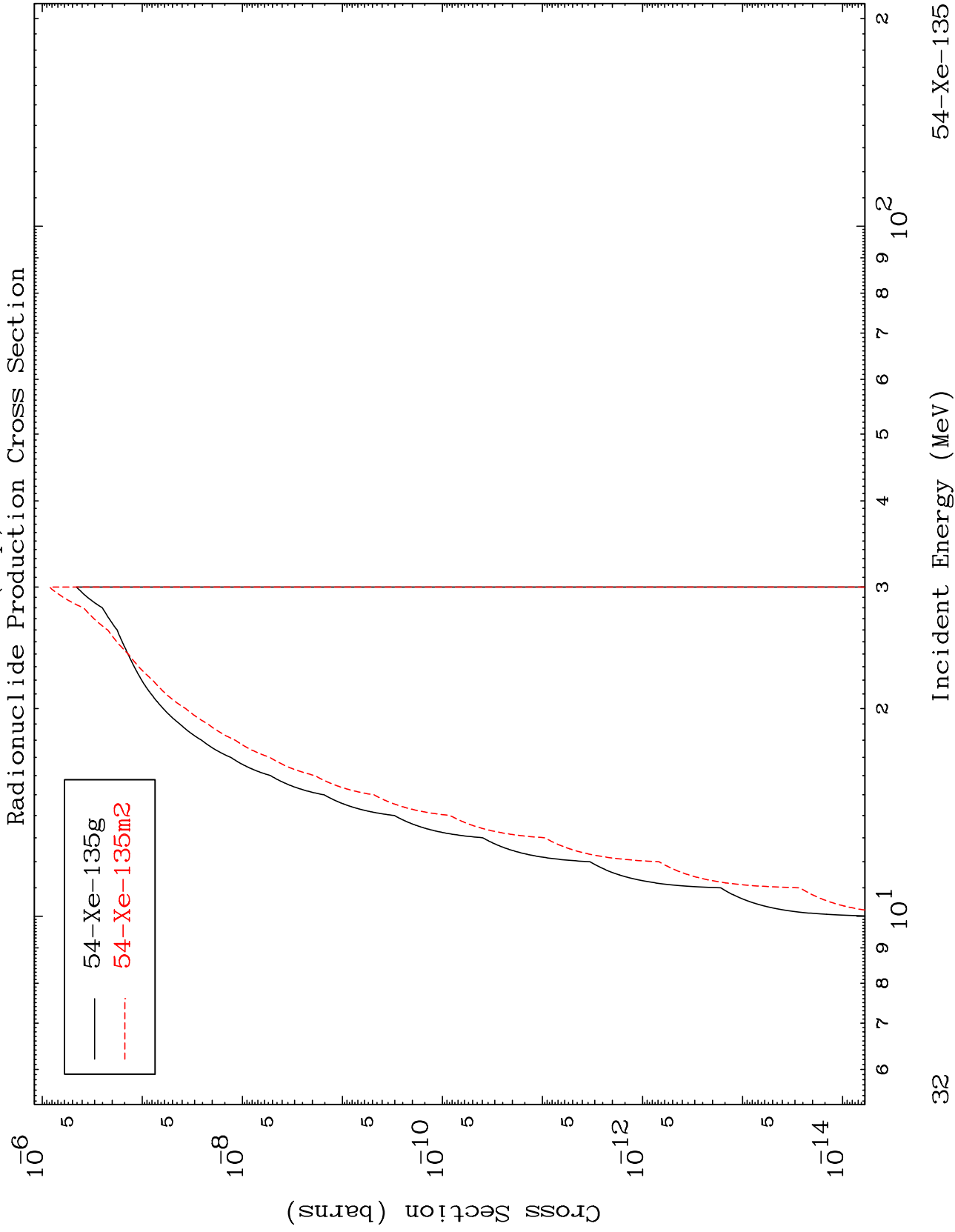
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,p) d

54-Xe-135



32

Incident Energy (MeV)

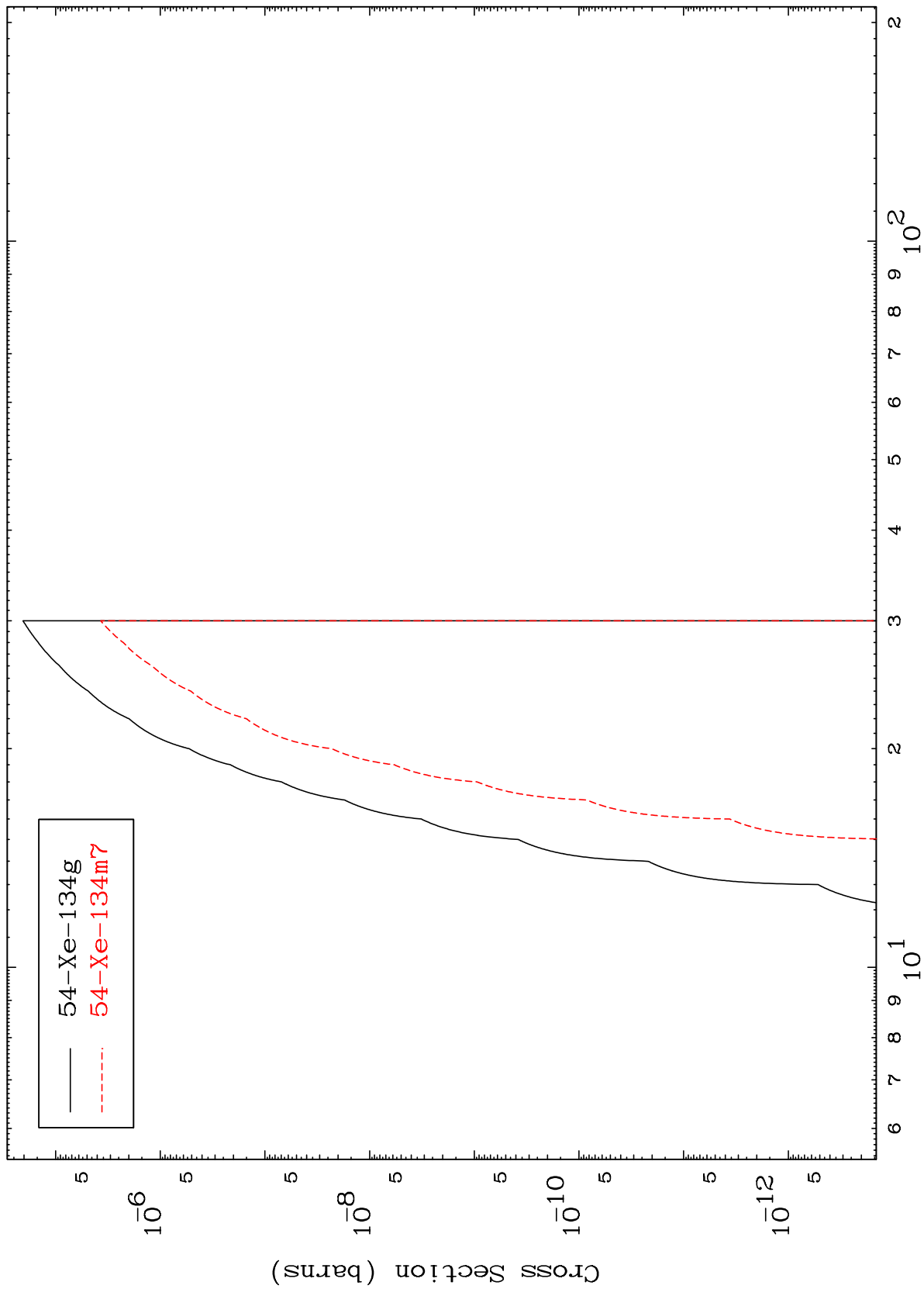
54-Xe-135

MAT 5458

(n,p) t

54-Xe-135

Radionuclide Production Cross Section



33

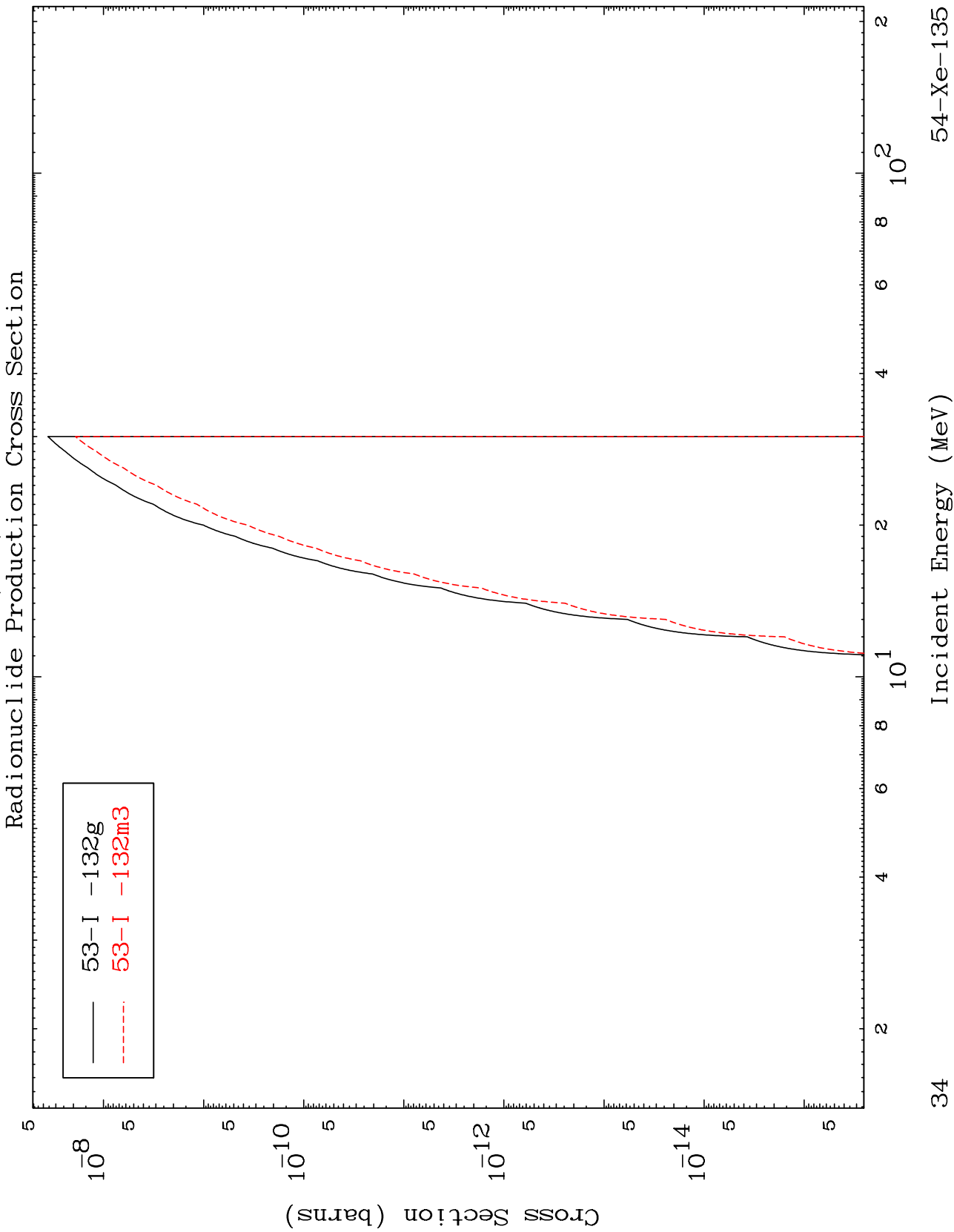
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,d)  $\alpha$

54-Xe-135



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

34

Incident Energy (MeV)

54-Xe-135