

Program EVALPLOT  
(Version 2021-1)

by

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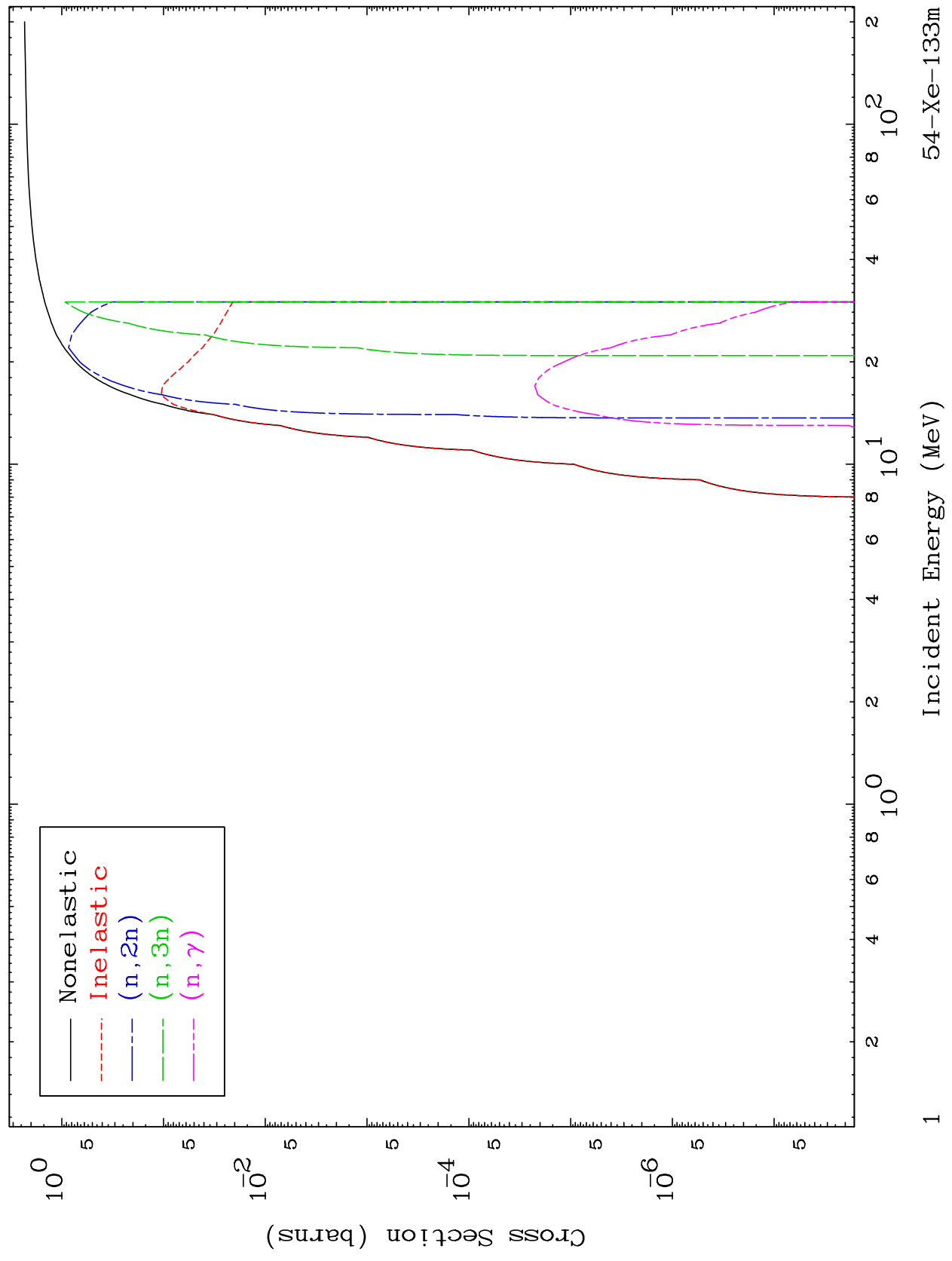
Press Mouse Button to Start

MAT 5453

0 Kelvin

$\alpha$  Major Cross Sections

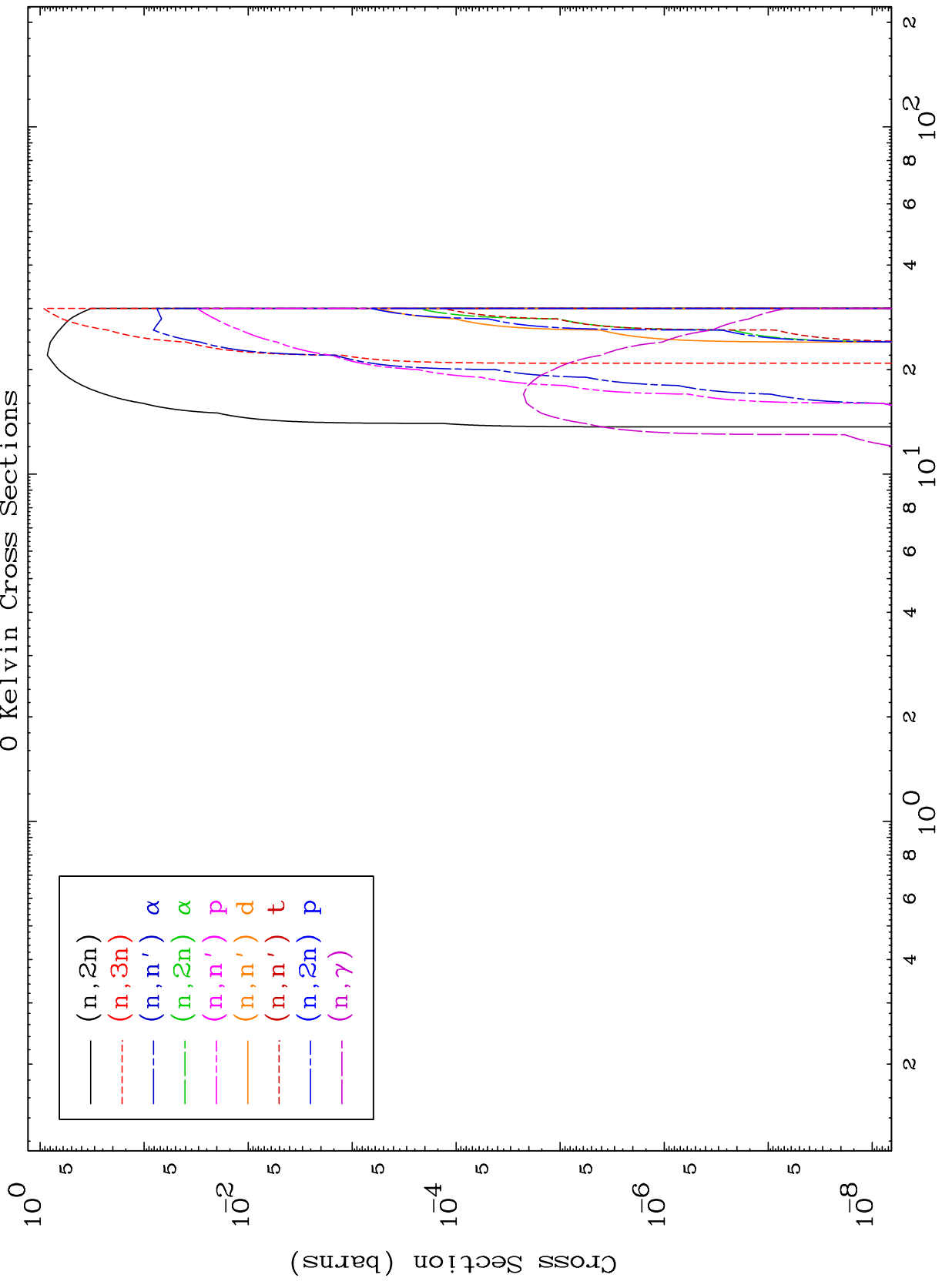
54-Xe-133m



MAT 5453

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

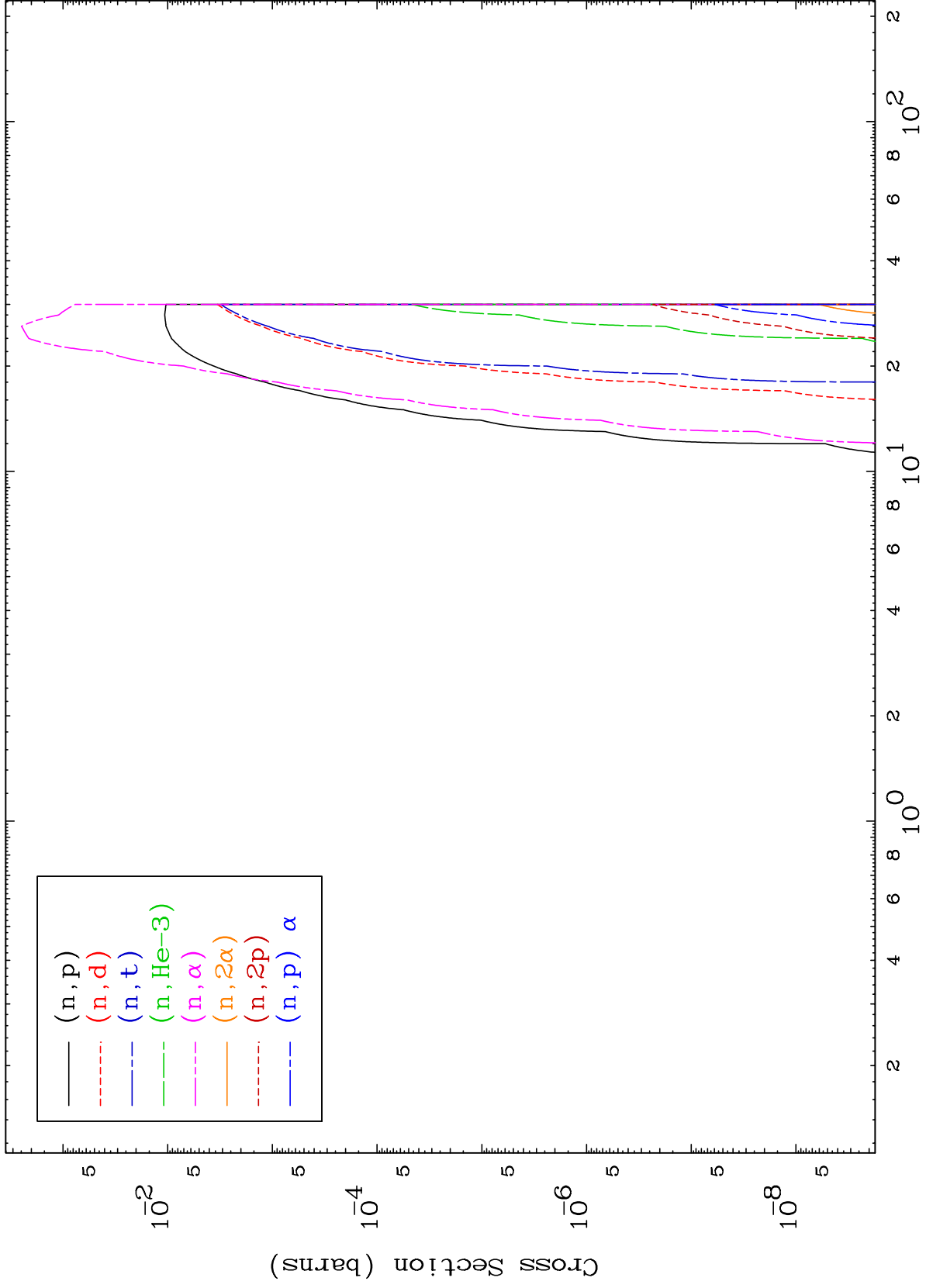
54-Xe-133m



MAT 5453

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

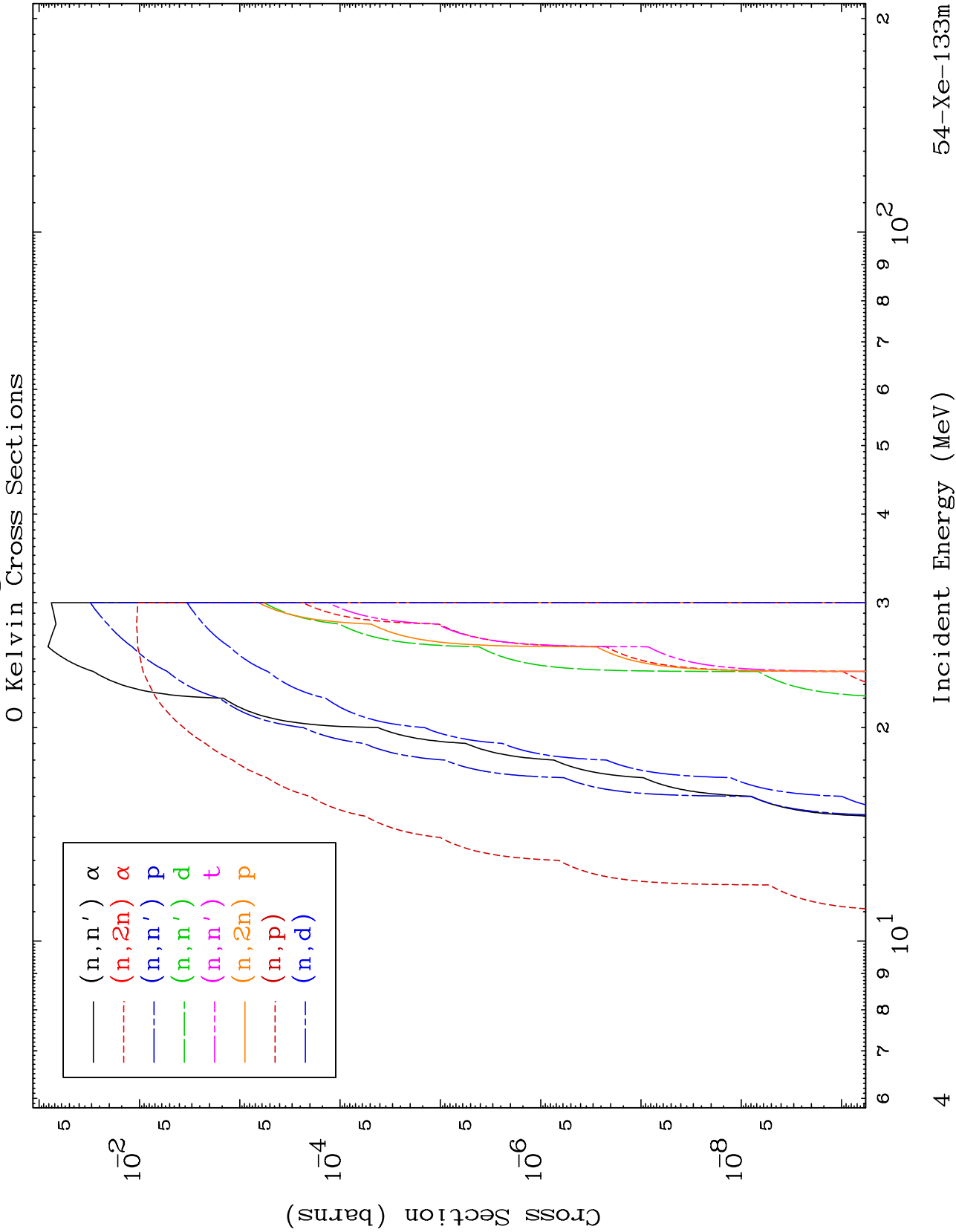
54-Xe-133m

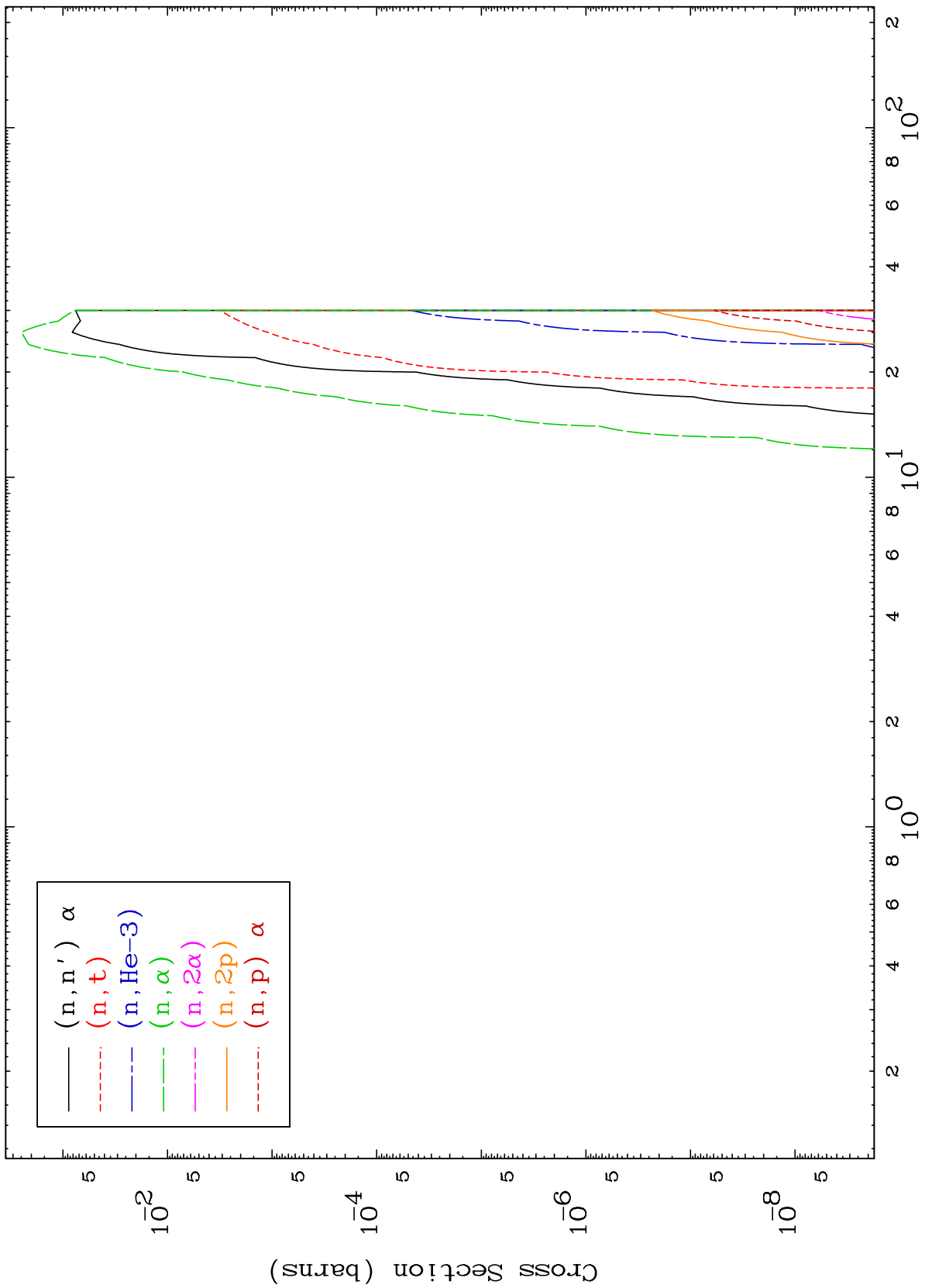


MAT 5453

$\alpha$  Charged Particle

54-Xe-133m



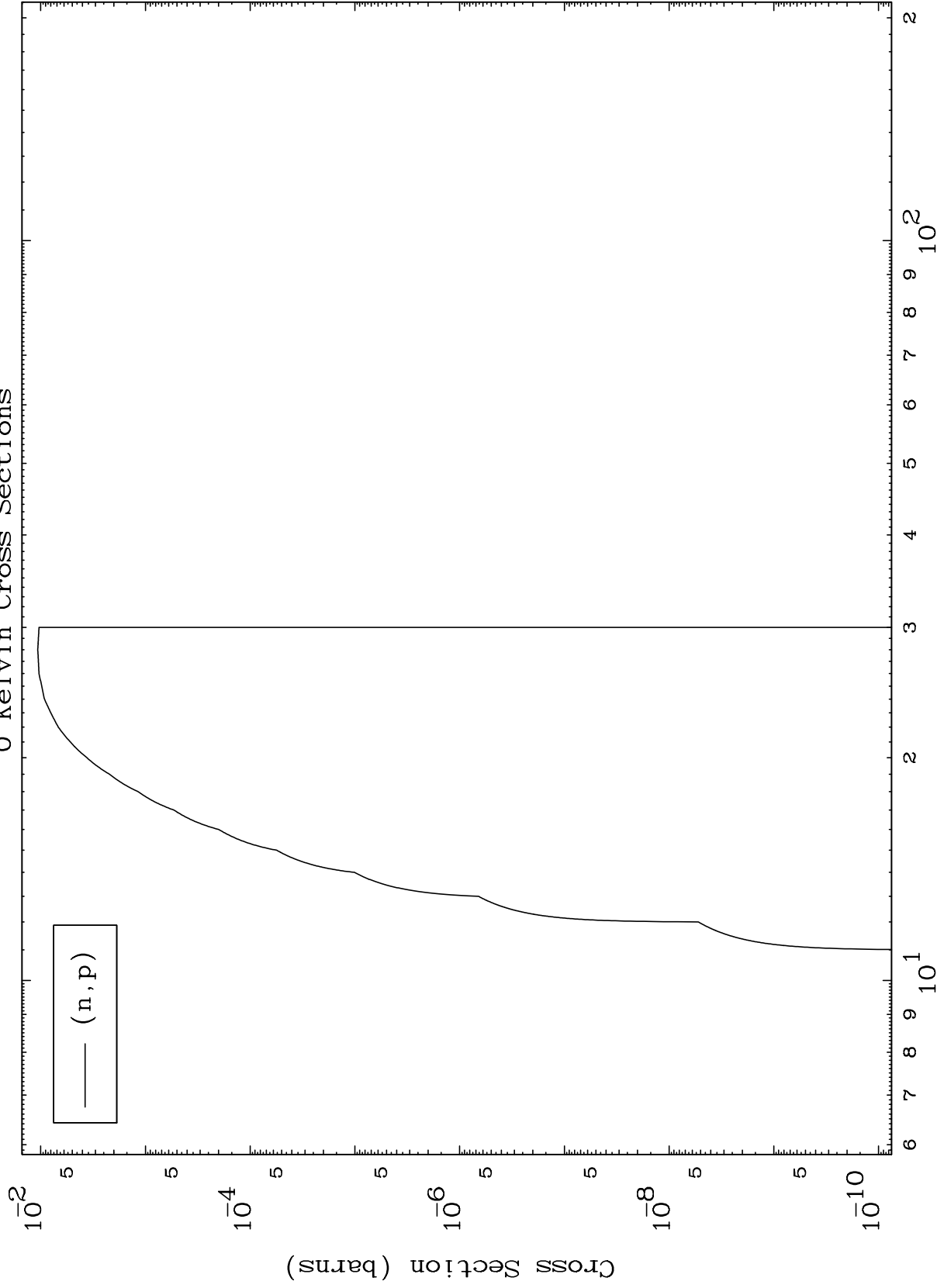


MAT 5453

( $\alpha, p$ ) Levels

54-Xe-133m

0 Kelvin Cross Sections



6

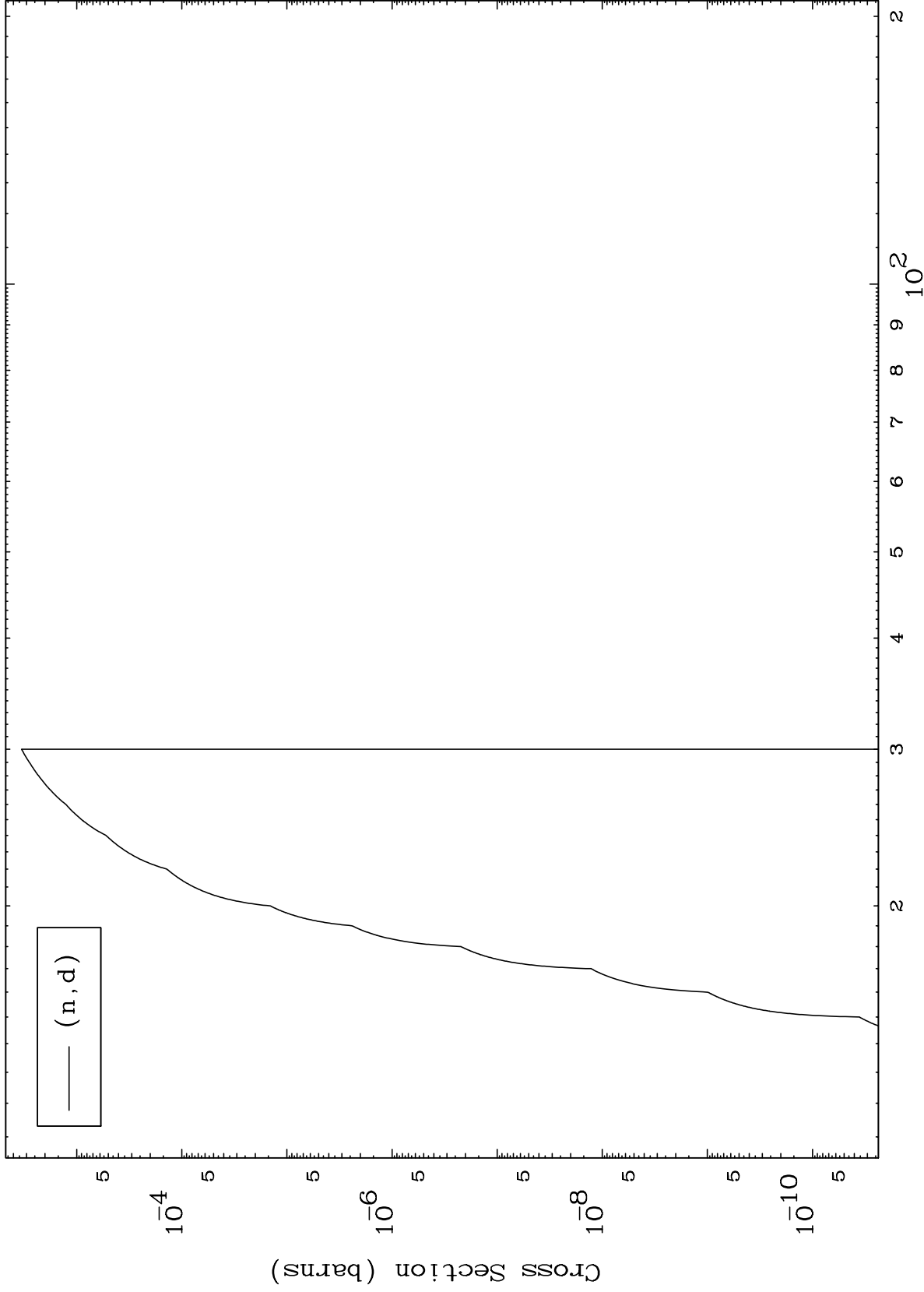
Incident Energy (MeV)

54-Xe-133m

MAT 5453

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

54-Xe-133m



7

Incident Energy (MeV)

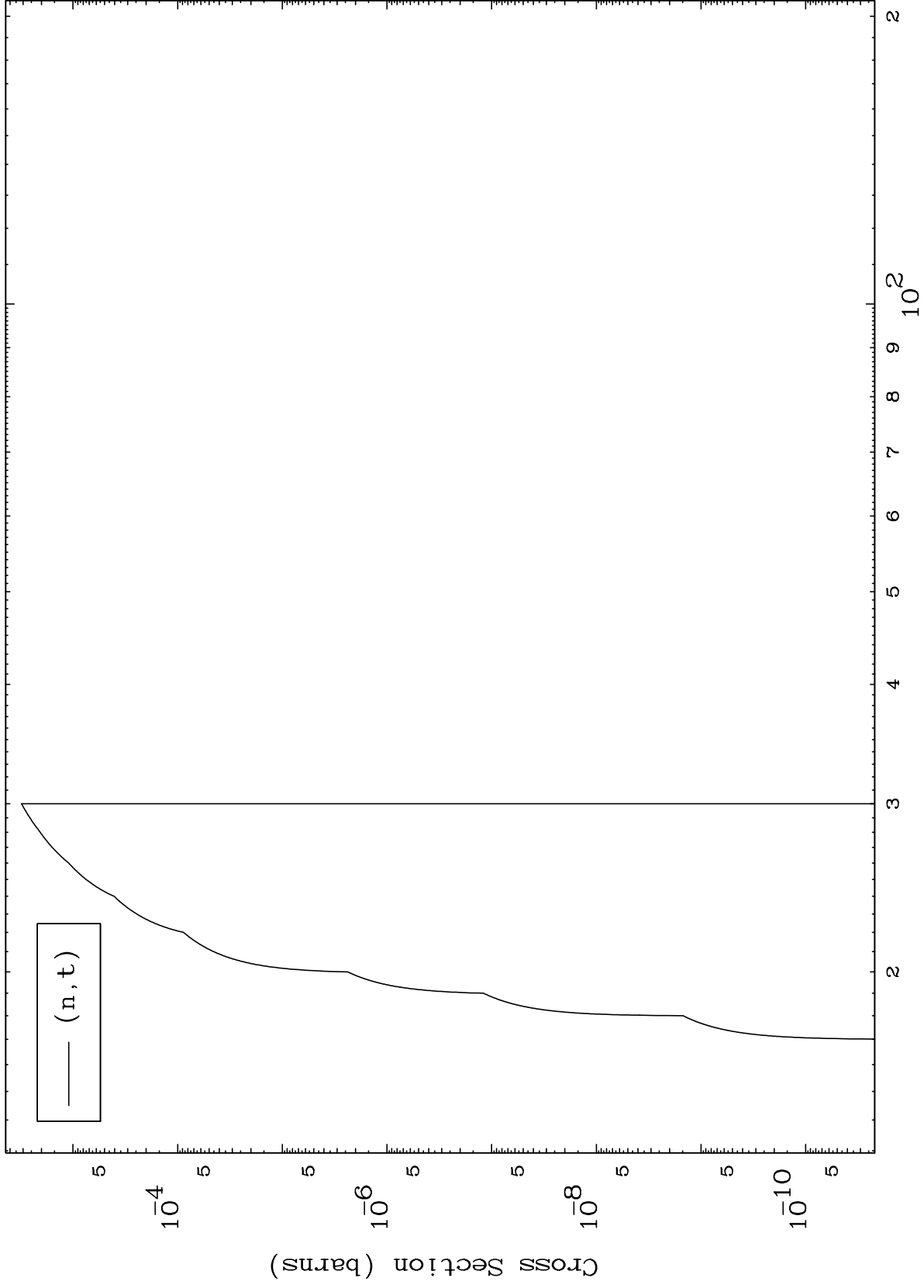
54-Xe-133m



MAT 5453

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

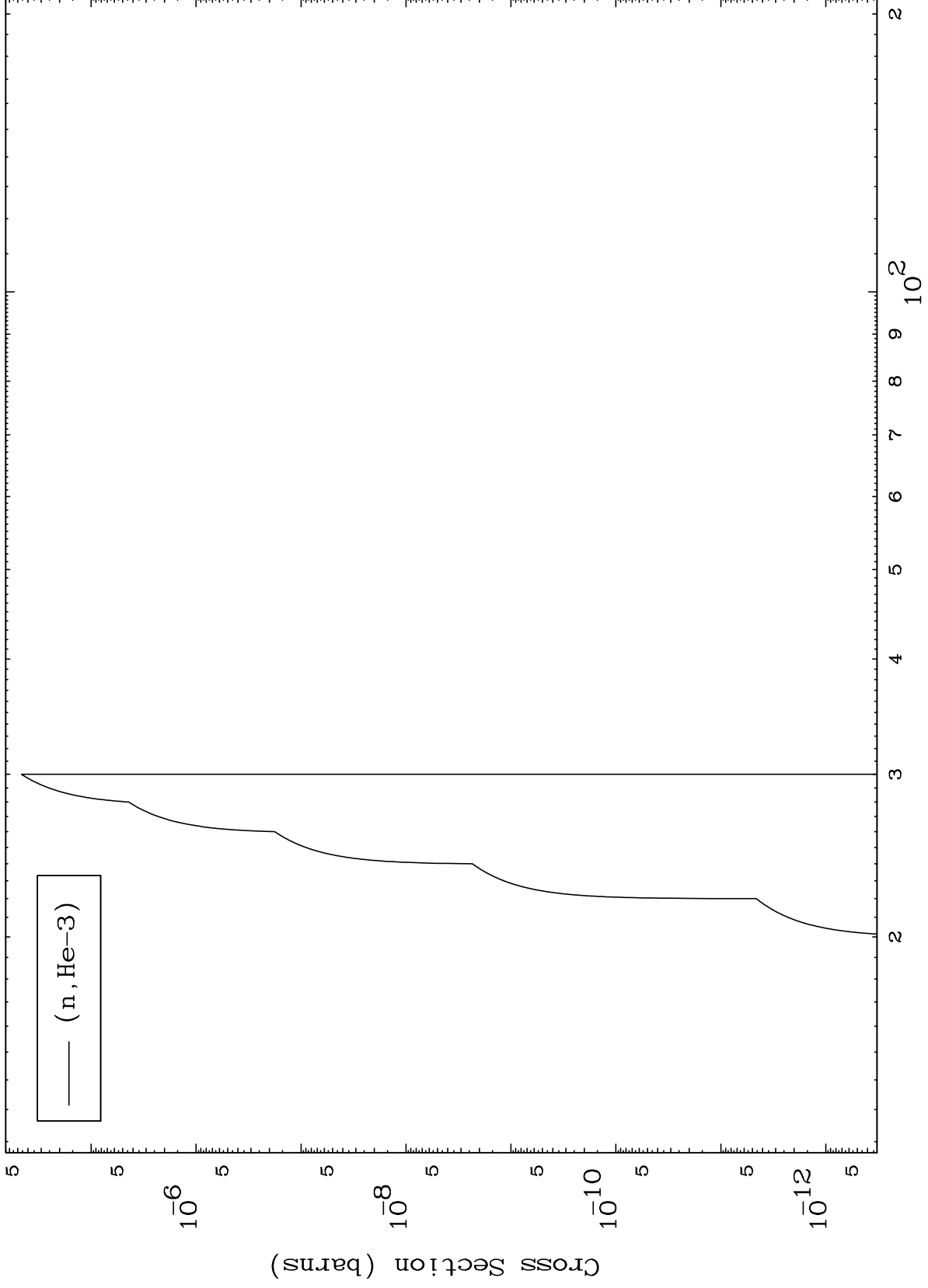
54-Xe-133m



8

Incident Energy (MeV)

54-Xe-133m

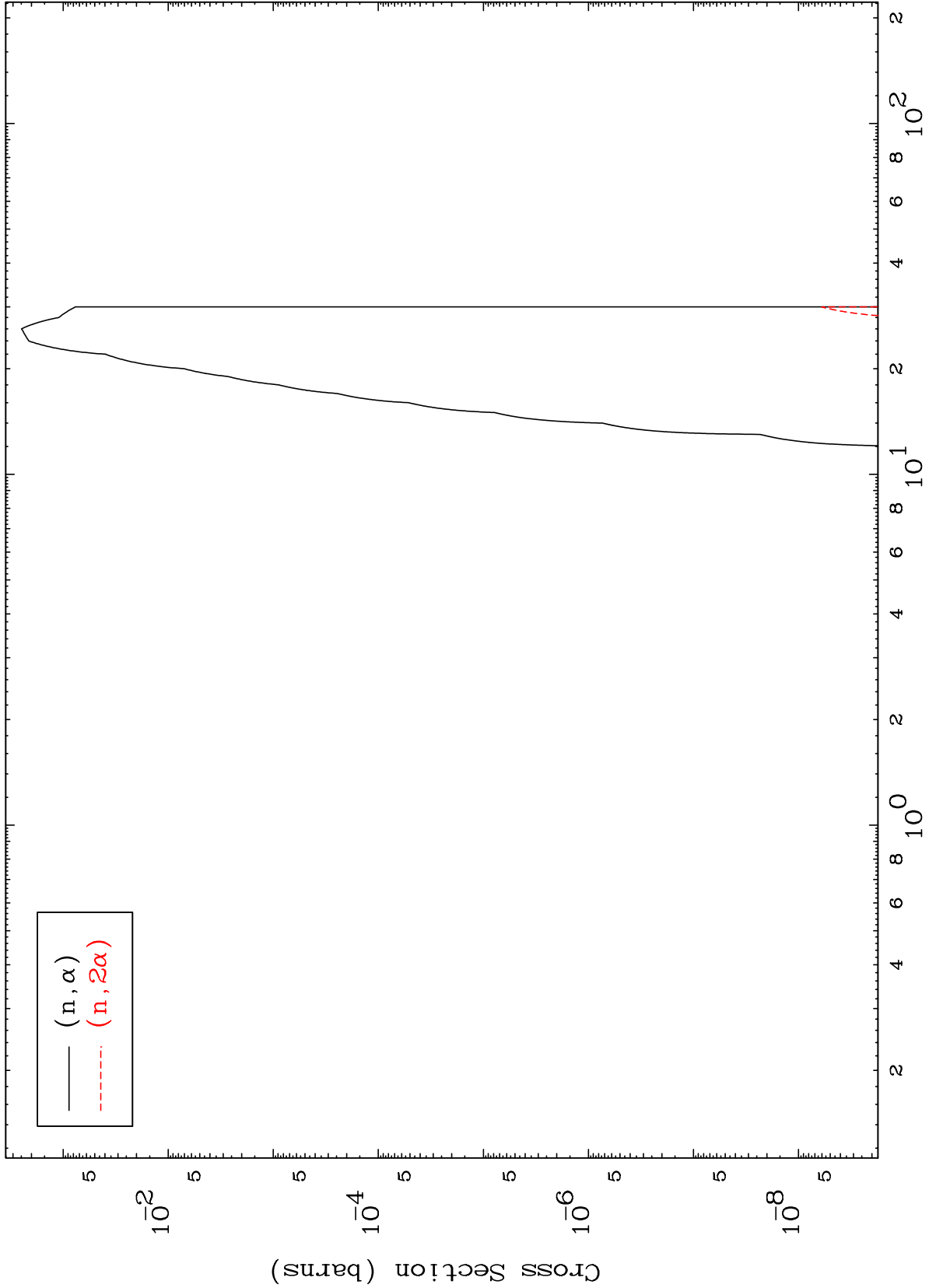


MAT 5453

( $\alpha, \alpha$ ) Levels

54-Xe-133m

0 Kelvin Cross Sections



10

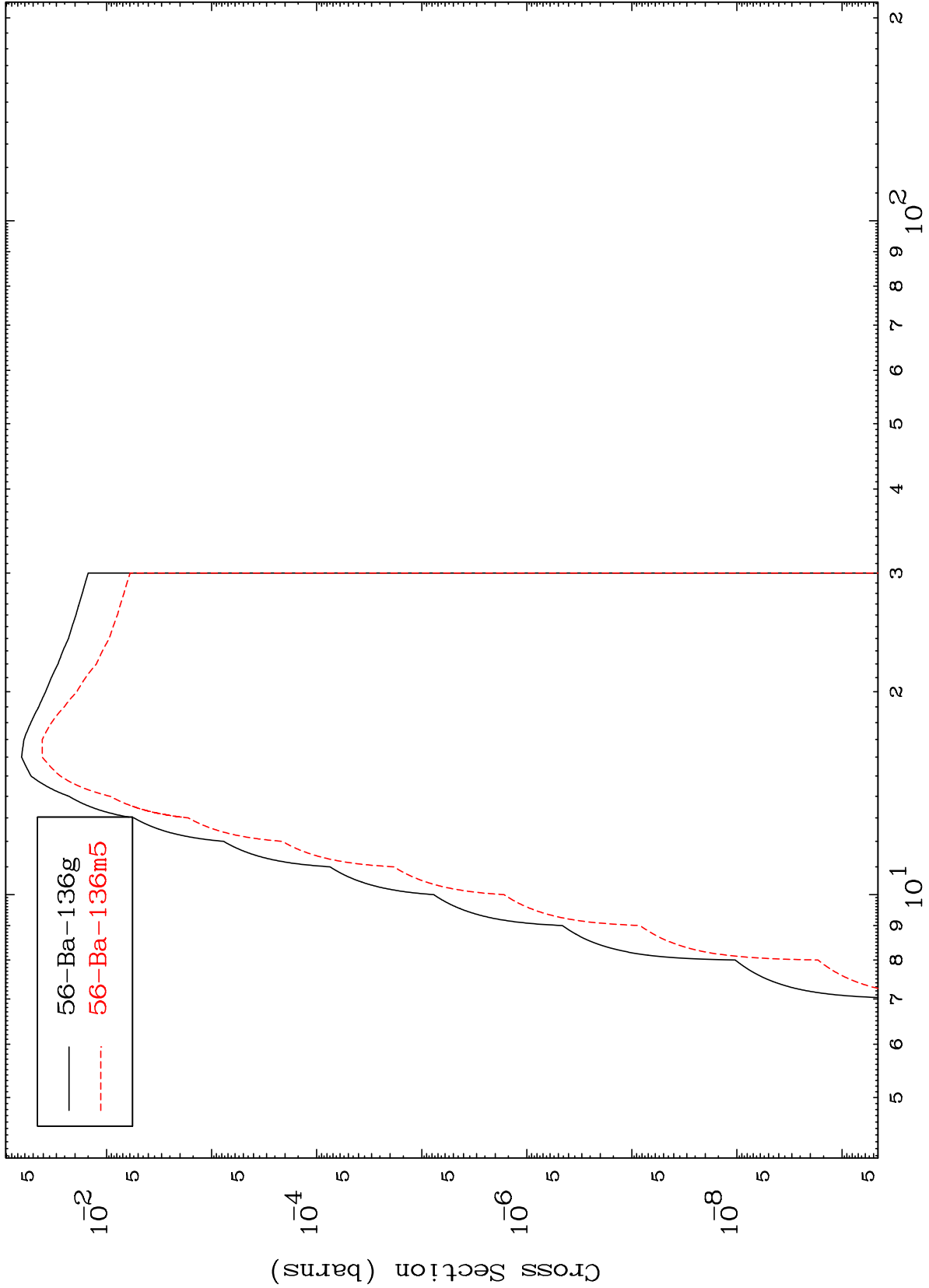
Incident Energy (MeV)

54-Xe-133m

MAT 5453

54-Xe-133m

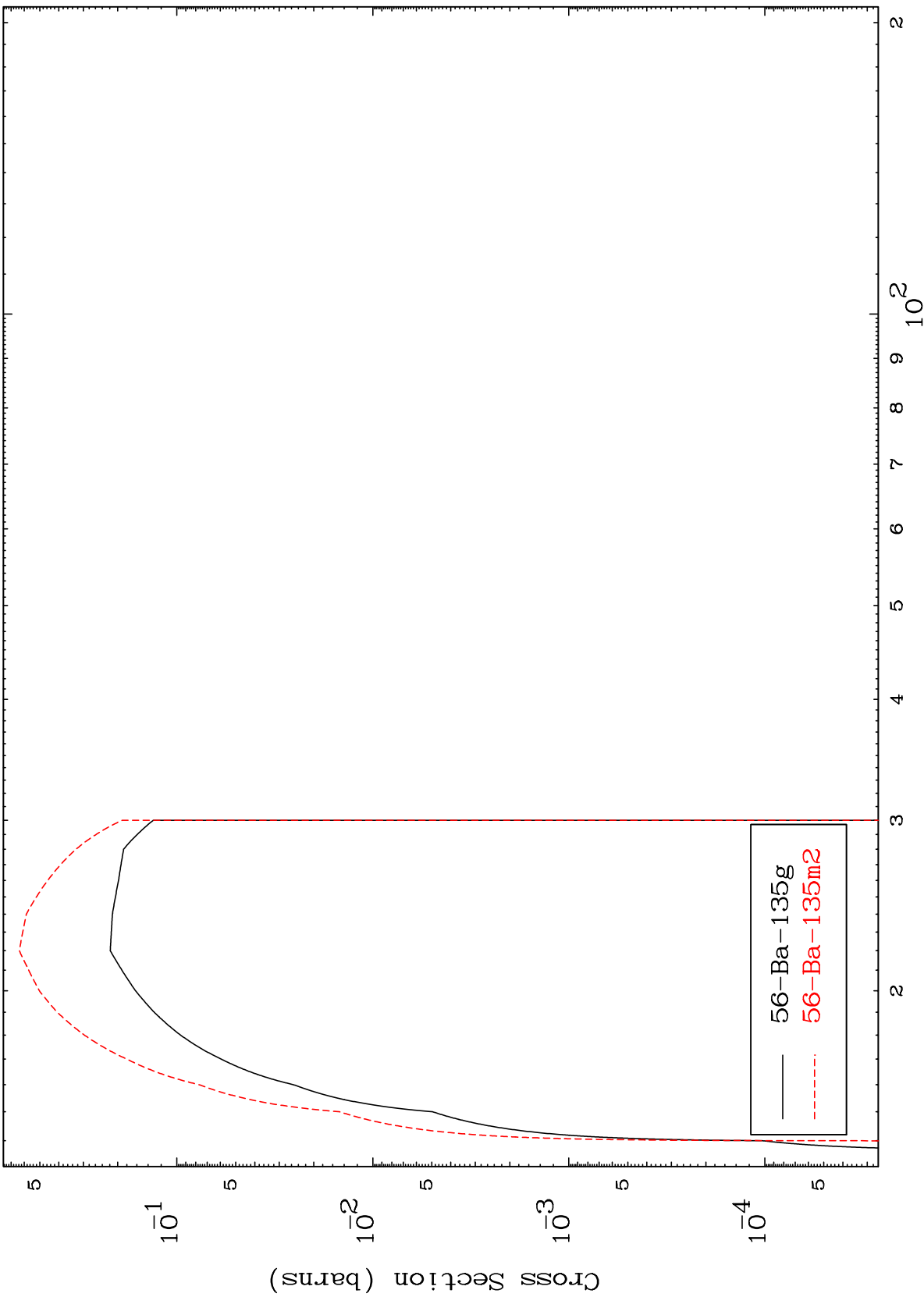
Inelastic  
Radionuclide Production Cross Section



MAT 5453

54-Xe-133m

(n,2n)  
Radionuclide Production Cross Section



54-Xe-133m

Incident Energy (MeV)

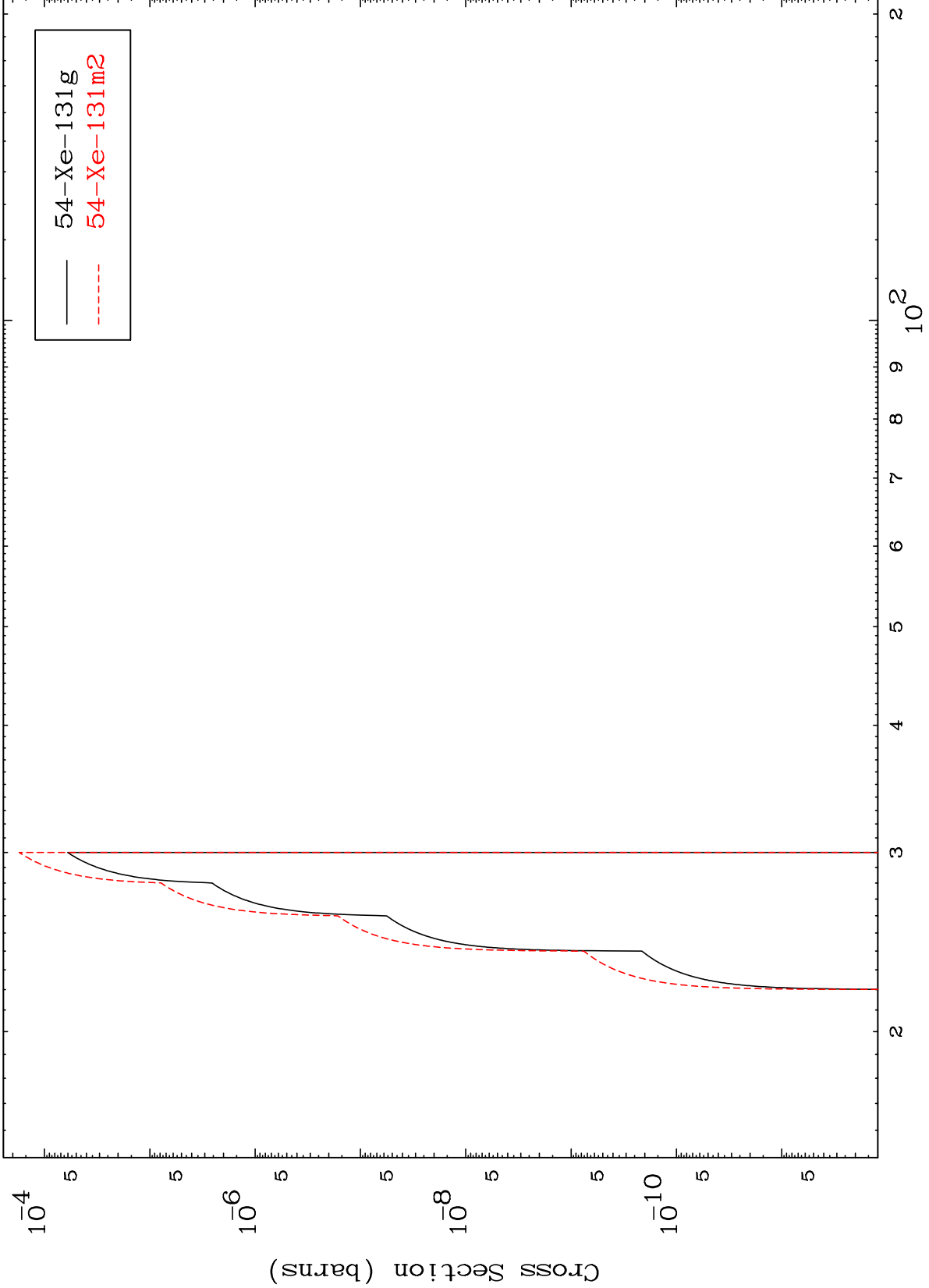
12

MAT 5453

(n,2n)  $\alpha$

54-Xe-133m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

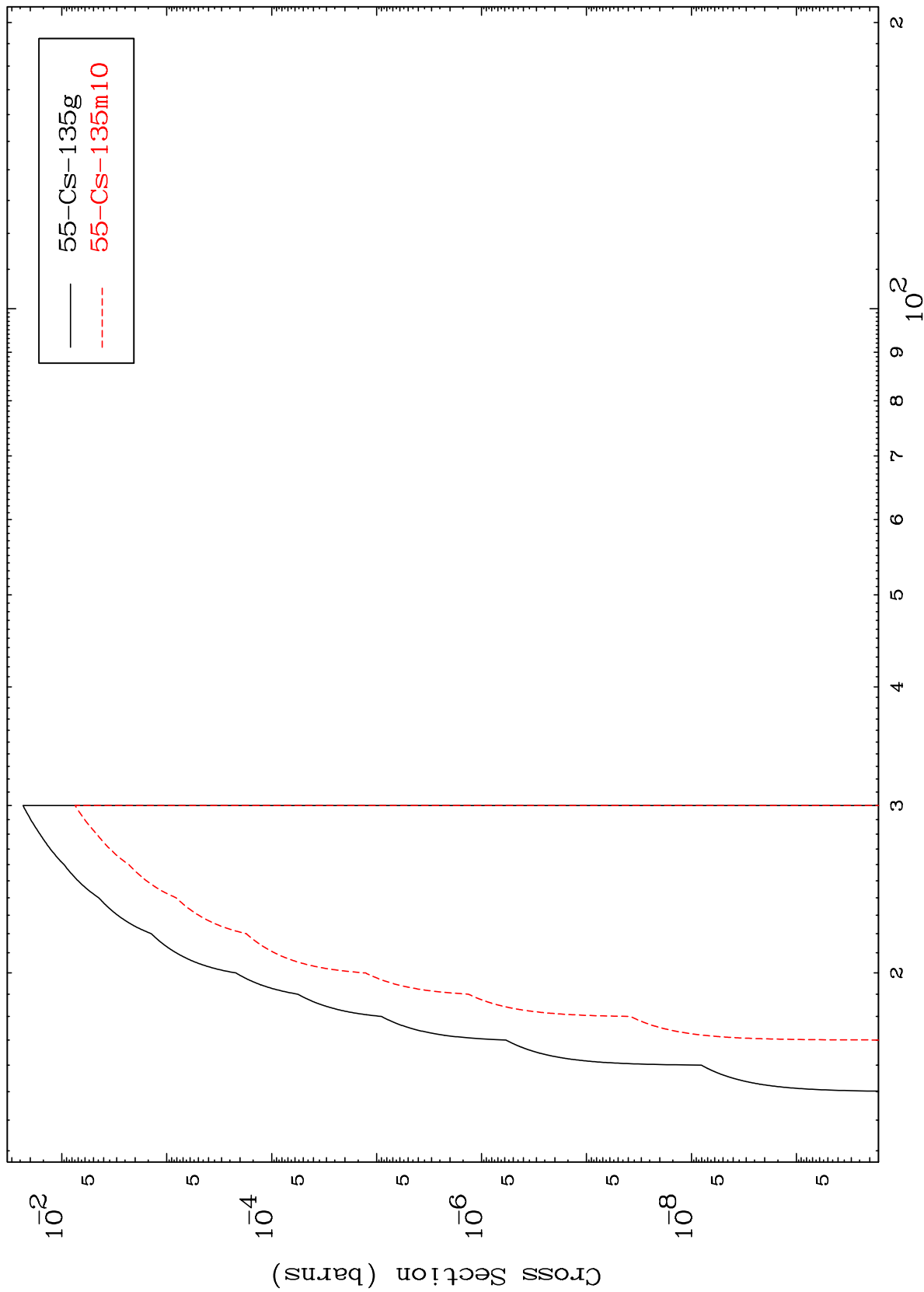
54-Xe-133m

MAT 5453

(n,n') p

54-Xe-133m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

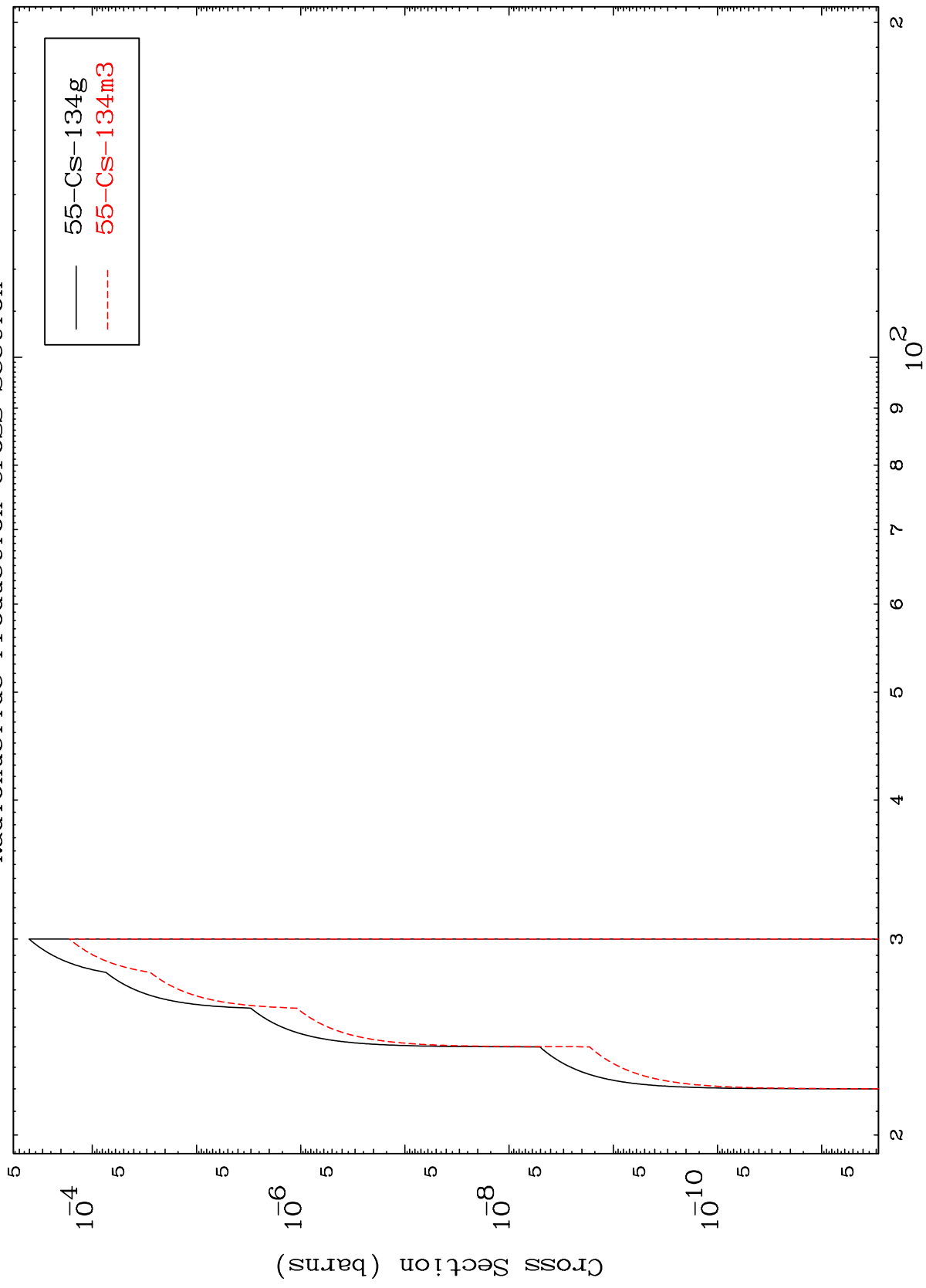
54-Xe-133m

MAT 5453

(n,n') d

54-Xe-133m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

54-Xe-133m

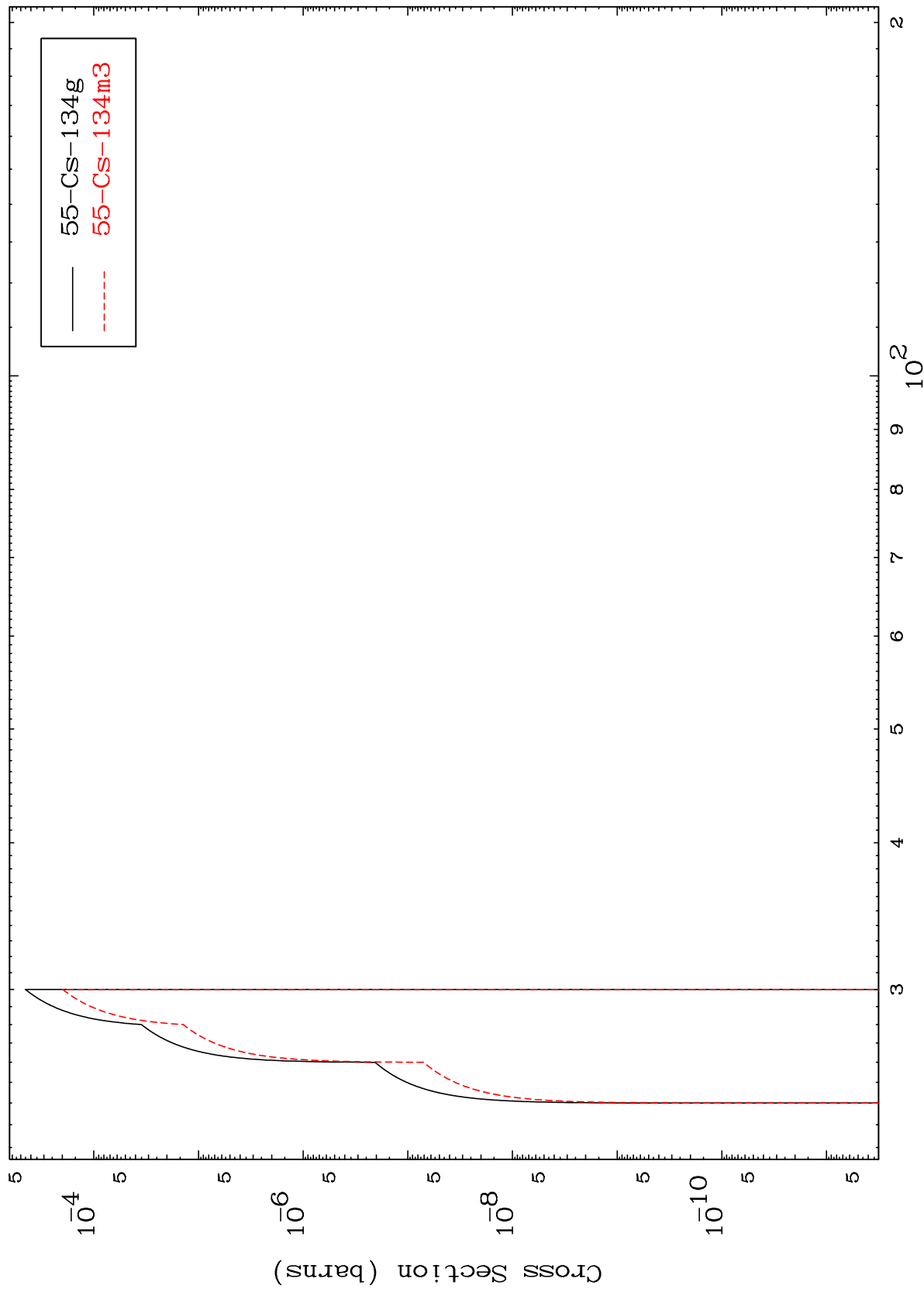


MAT 5453

(n,2n) p

54-Xe-133m

Radionuclide Production Cross Section



16

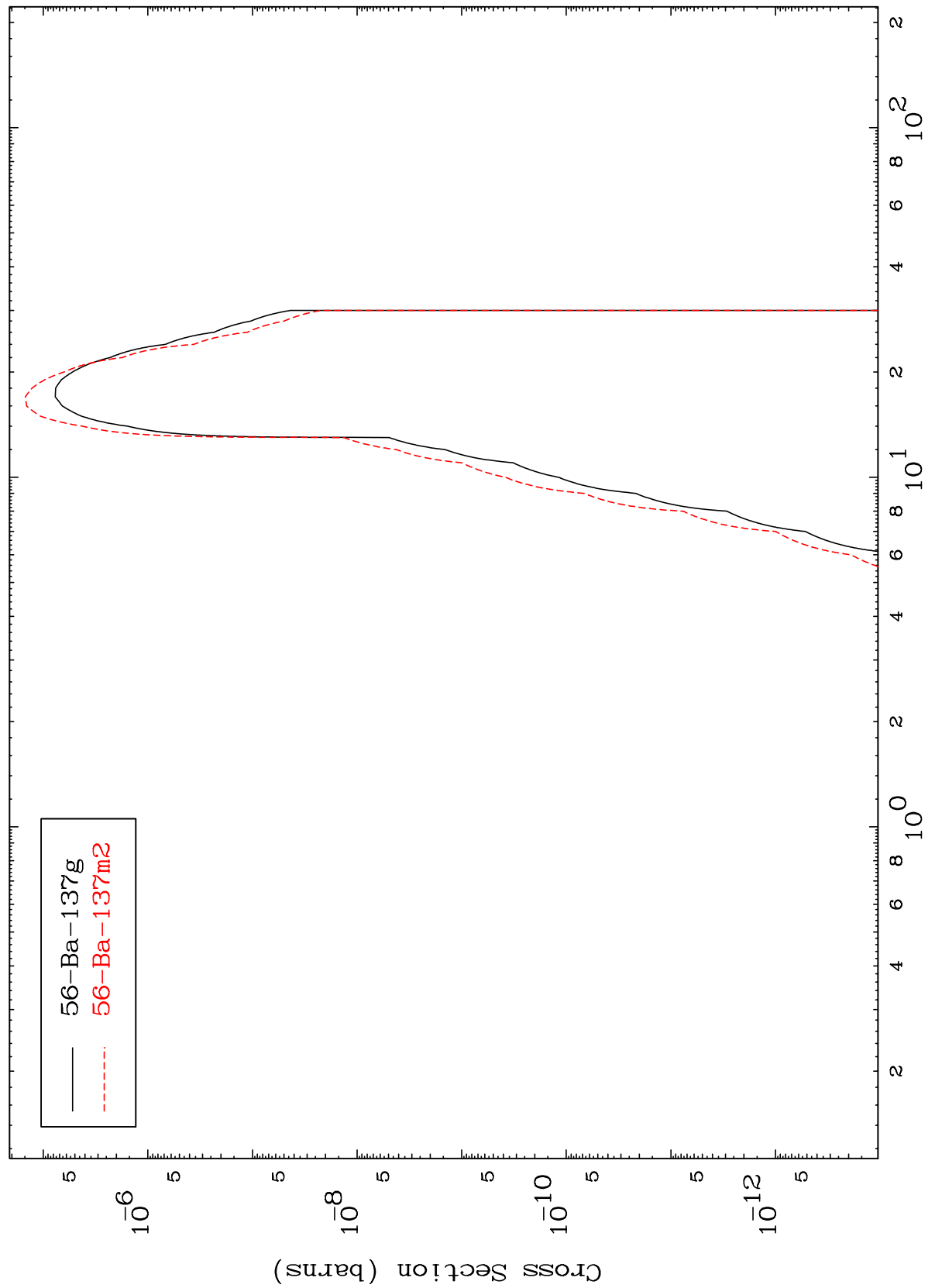
Incident Energy (MeV)

54-Xe-133m

MAT 5453

54-Xe-133m

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



17

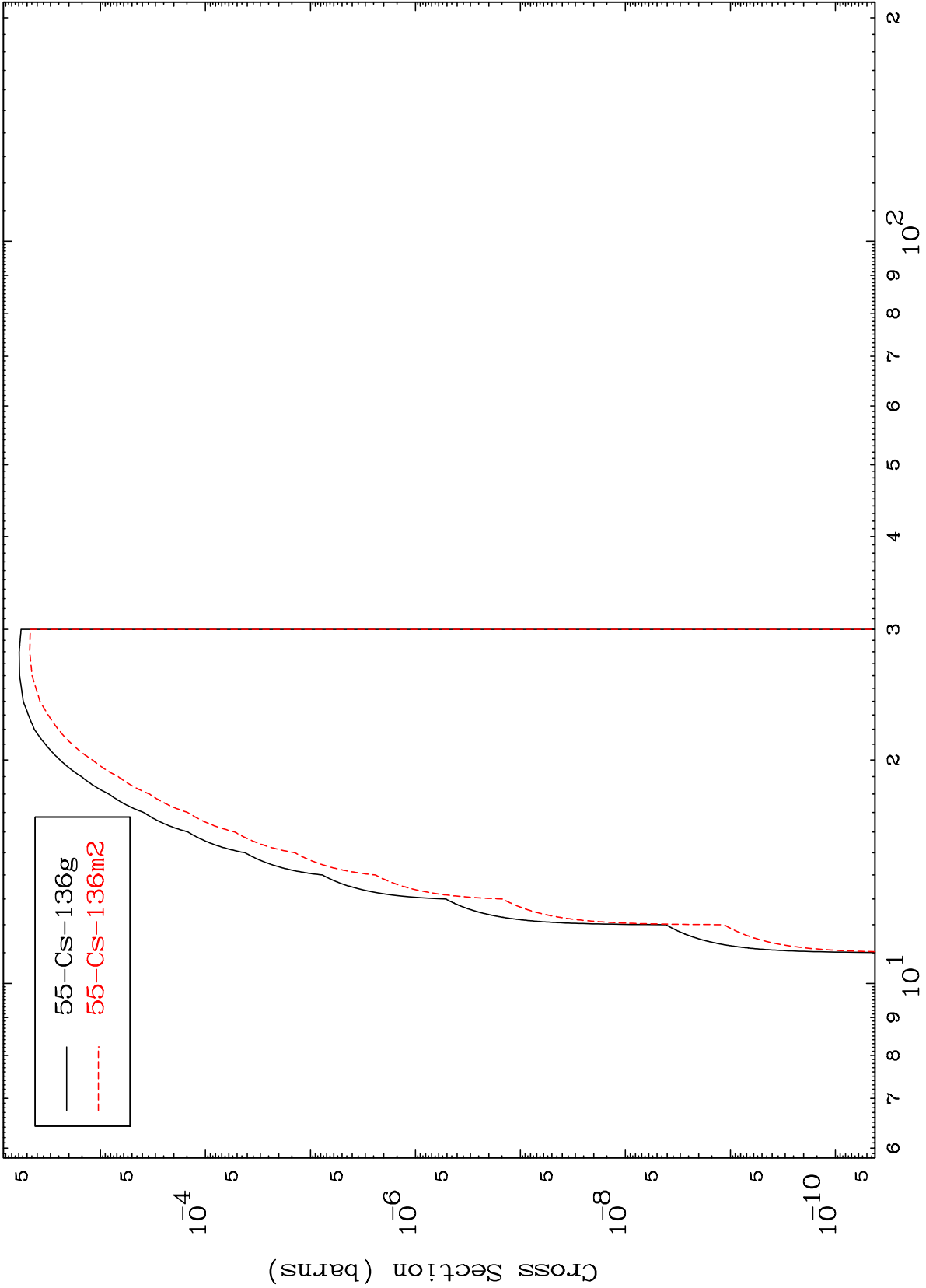
54-Xe-133m

Incident Energy (MeV)

MAT 5453

54-Xe-133m

Radionuclide Production Cross Section (n,p)



18

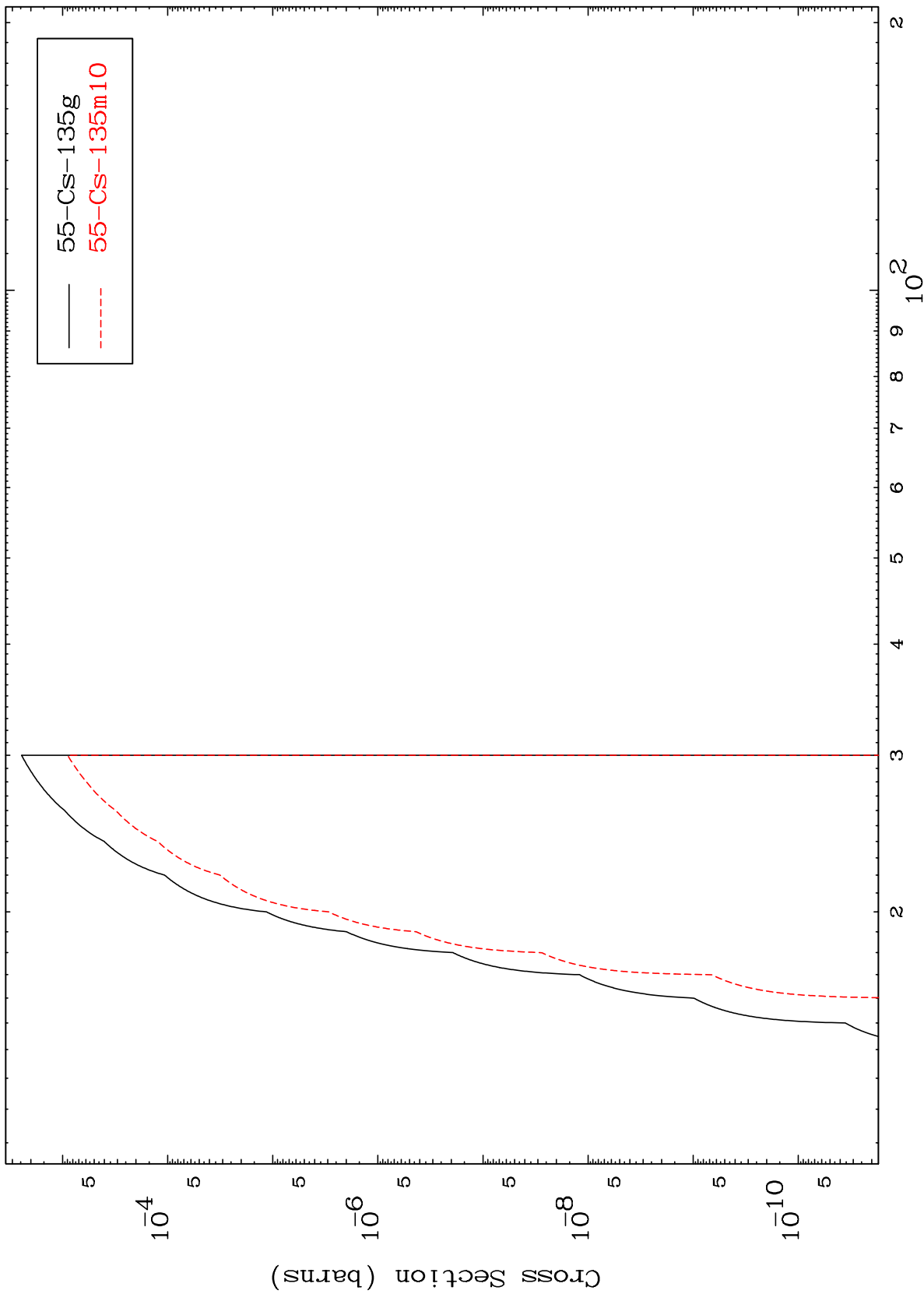
Incident Energy (MeV)

54-Xe-133m

MAT 5453

54-Xe-133m

(n,d)  
Radionuclide Production Cross Section



19

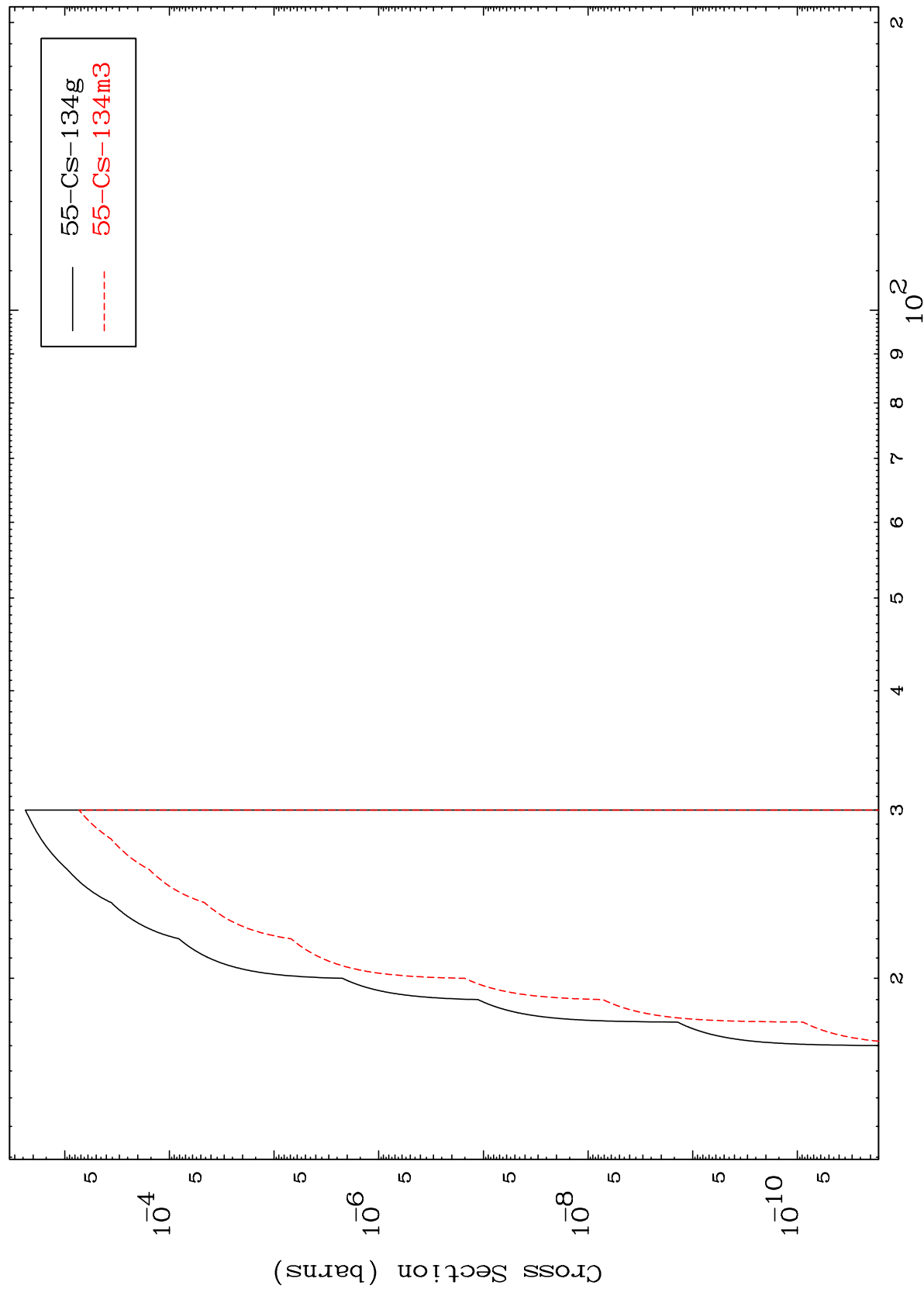
Incident Energy (MeV)

54-Xe-133m

MAT 5453

54-Xe-133m

(n,t)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

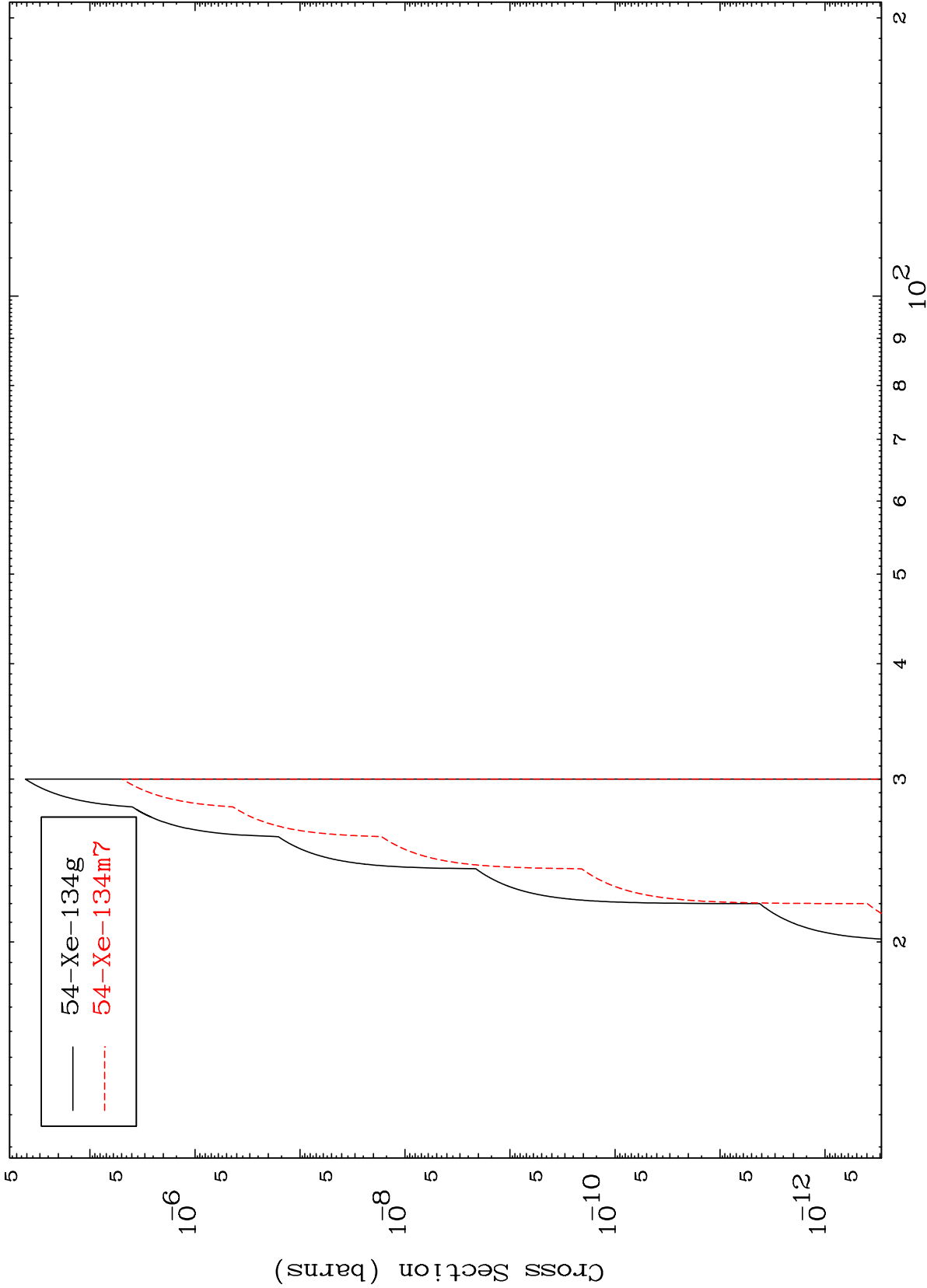
54-Xe-133m

MAT 5453

(n,He-3)

54-Xe-133m

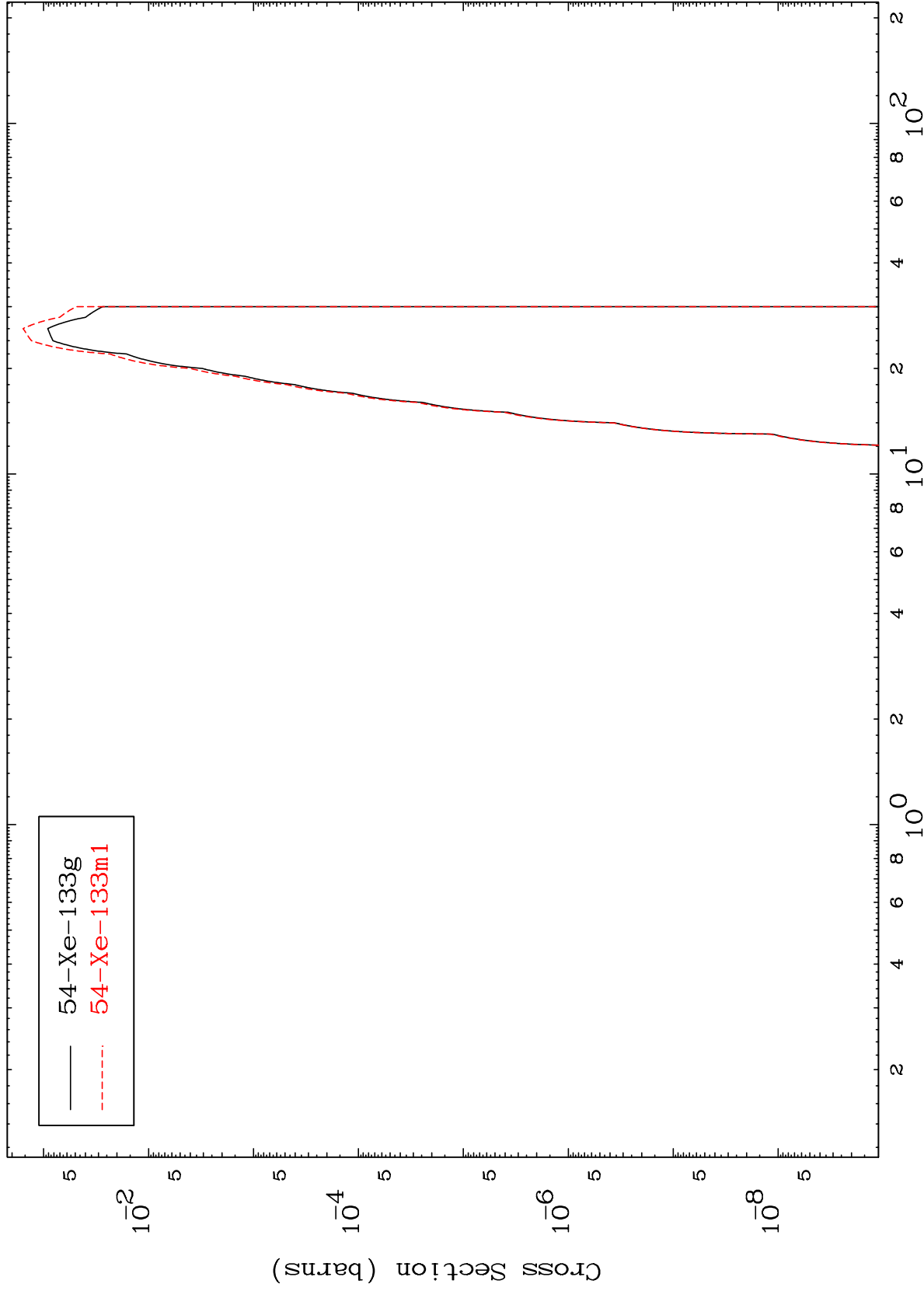
Radionuclide Production Cross Section



MAT 5453

54-Xe-133m

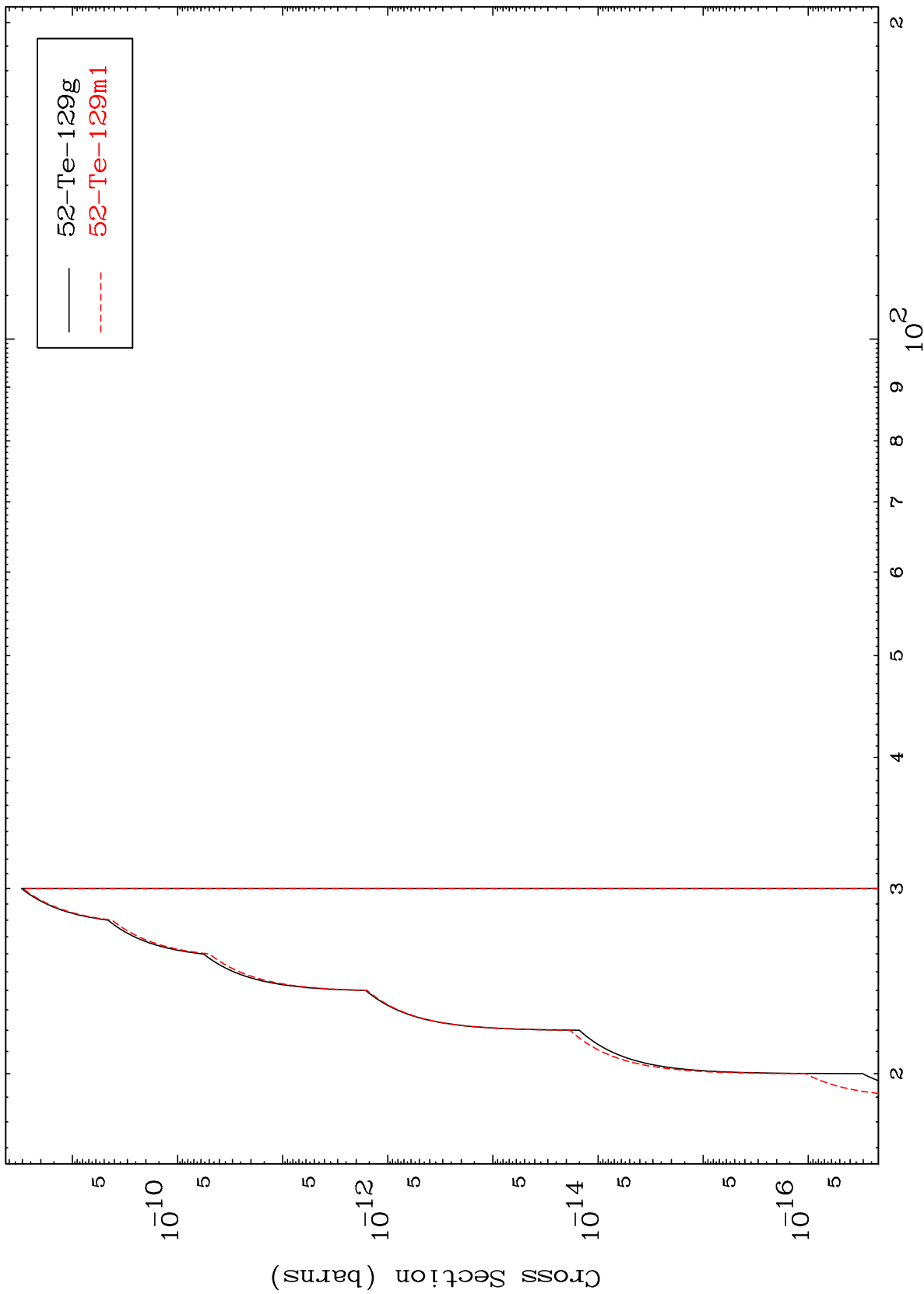
Radionuclide Production Cross Section



54-Xe-133m

Incident Energy (MeV)

(n,2α)  
Radionuclide Production Cross Section

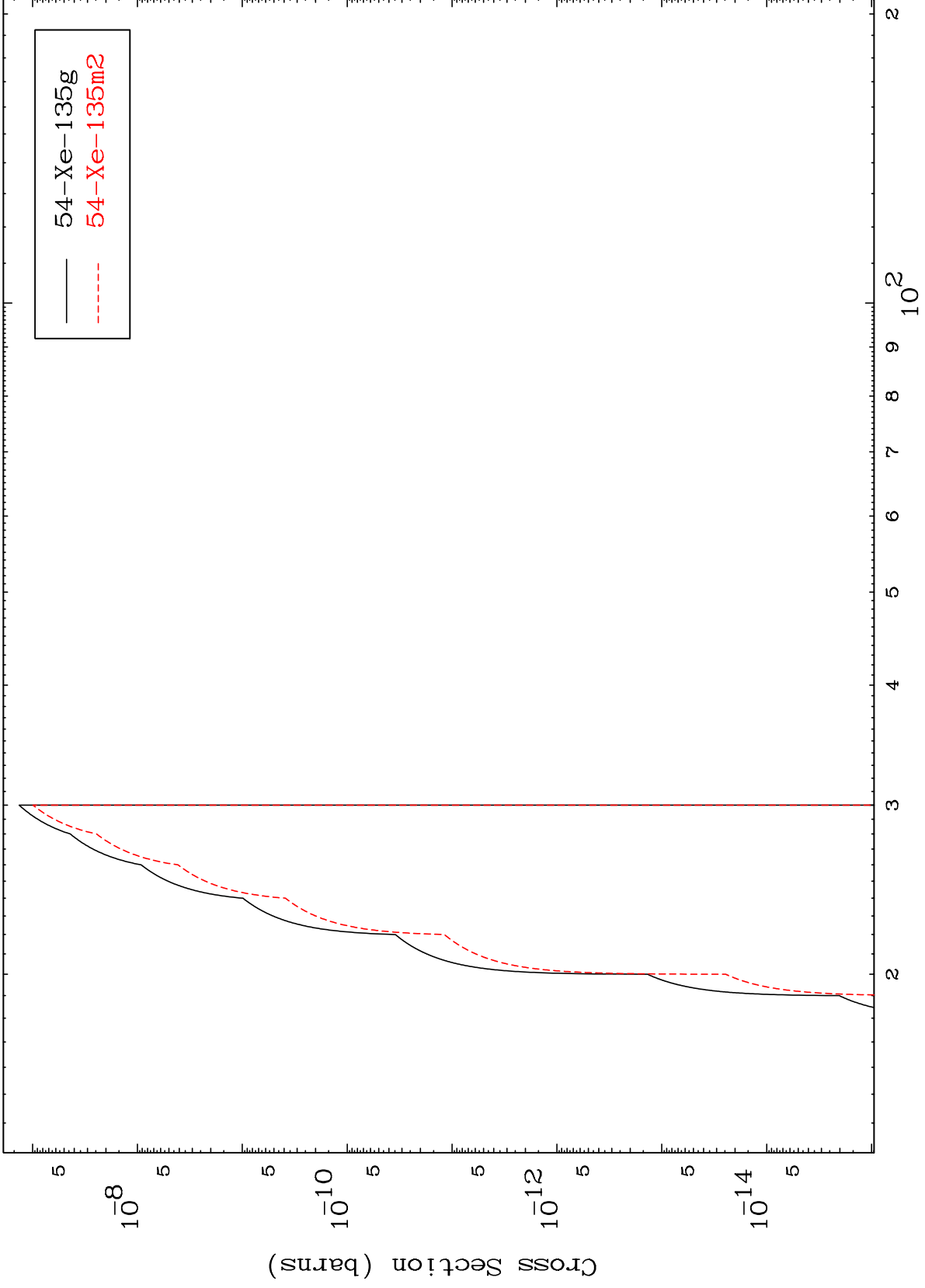




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54-Xe-133m

(n,2p)  
Radionuclide Production Cross Section



24

54-Xe-133m

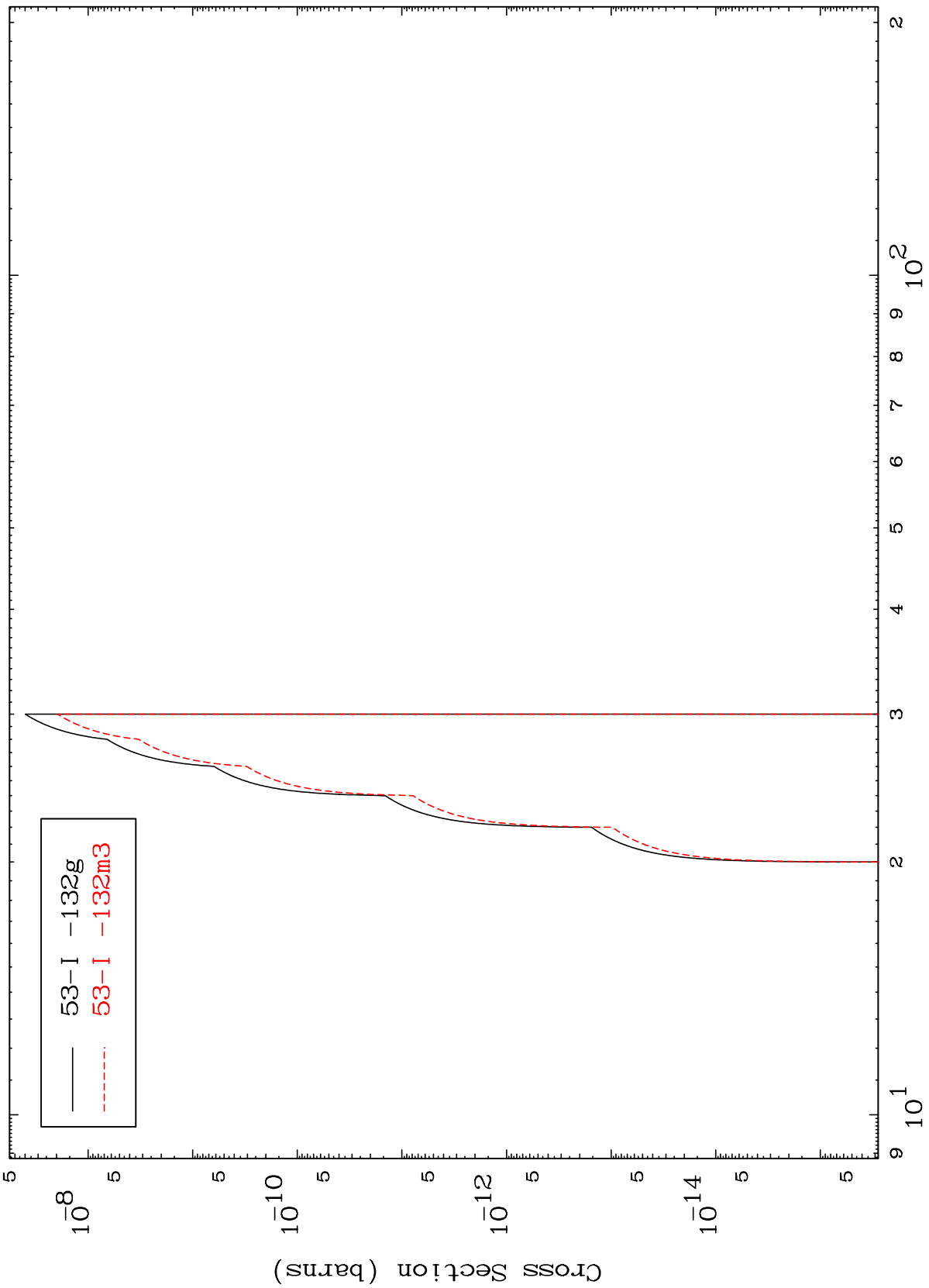
Incident Energy (MeV)

MAT 5453

(n,p)  $\alpha$

54-Xe-133m

Radionuclide Production Cross Section



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

25

Incident Energy (MeV)

54-Xe-133m