

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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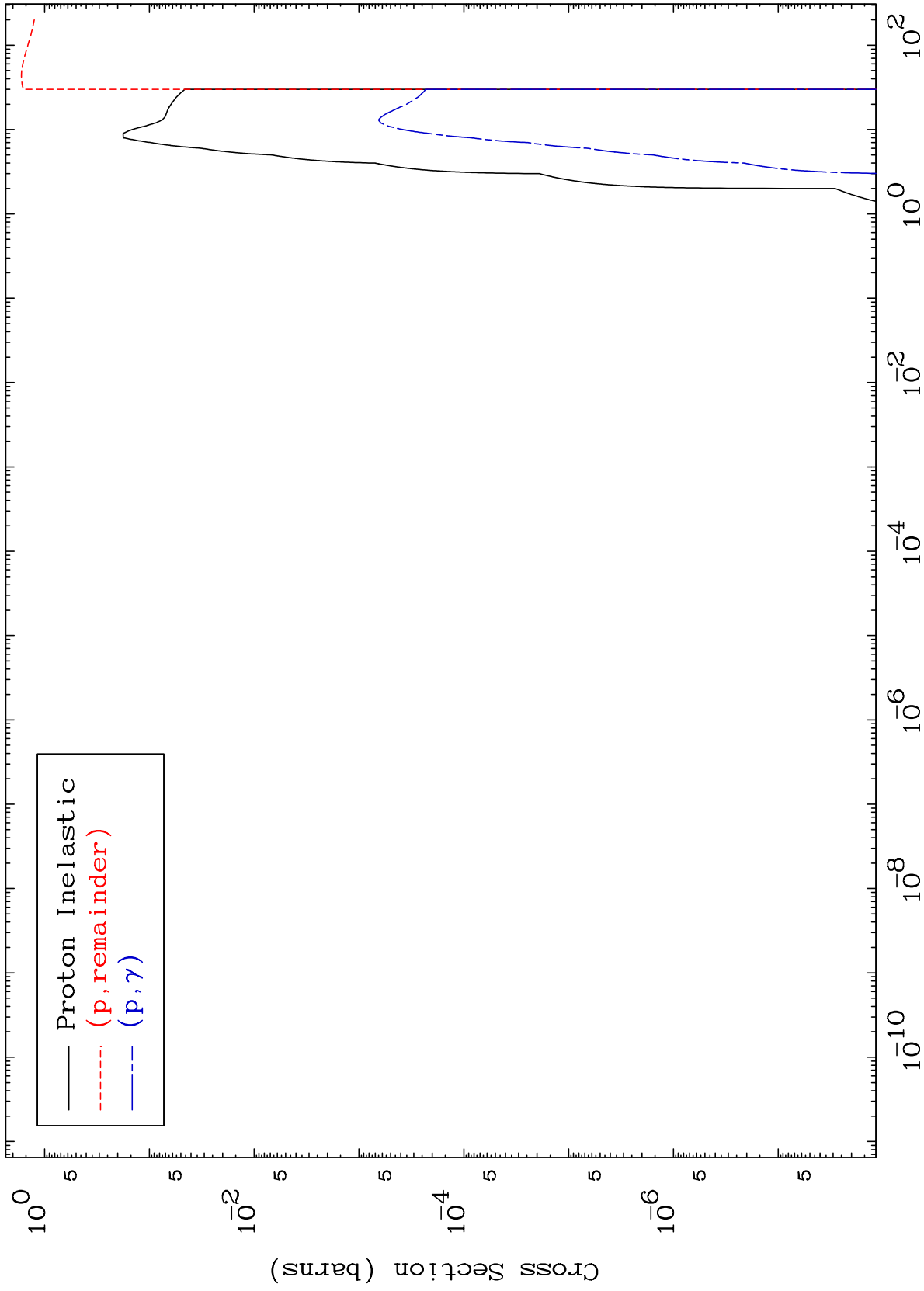
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5652

Proton Major  
0 Kelvin Cross Sections

56-Ba-139



1

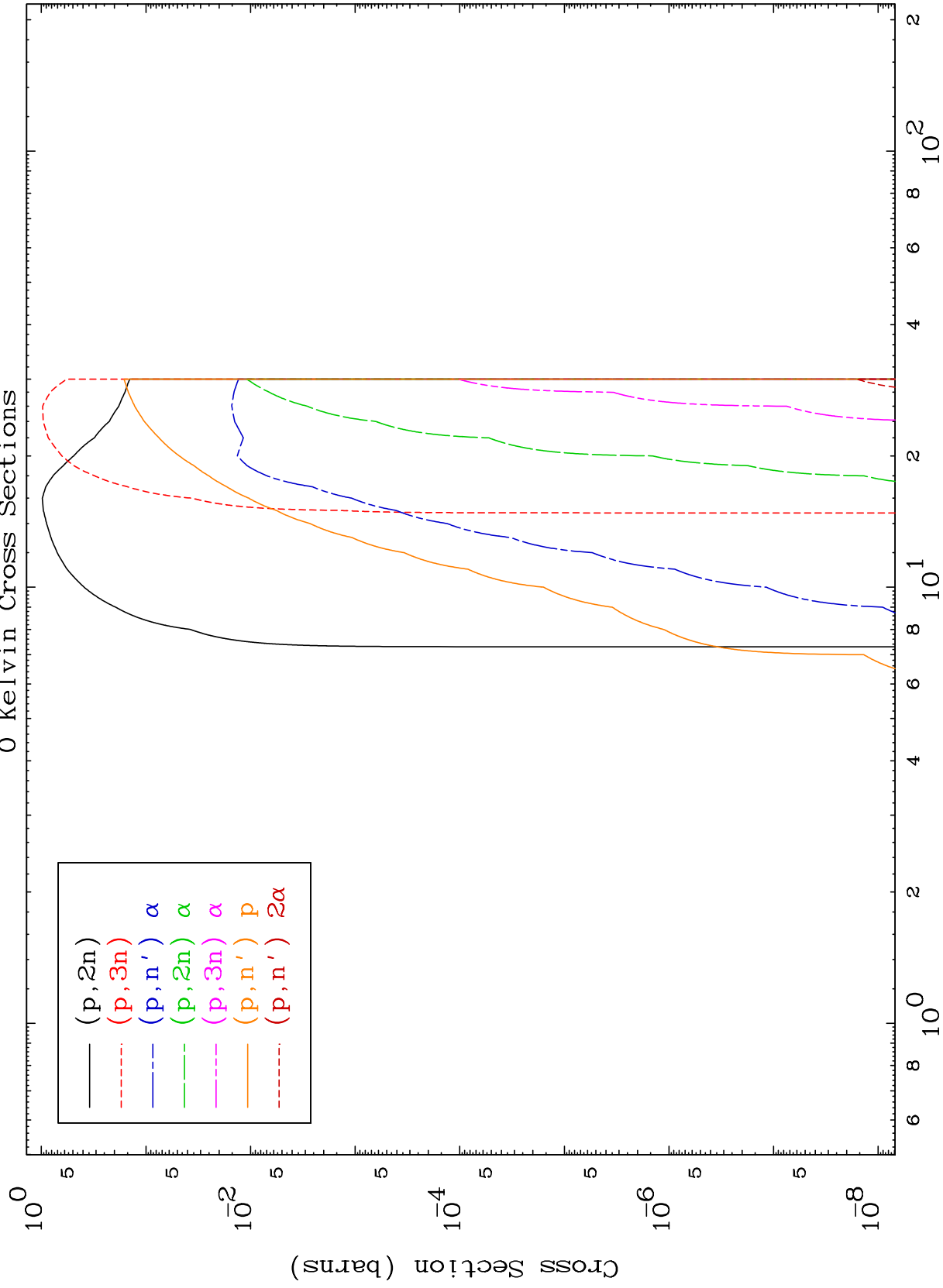
Incident Energy (MeV)

56-Ba-139

MAT 5652

Proton Neutron Production  
0 Kelvin Cross Sections

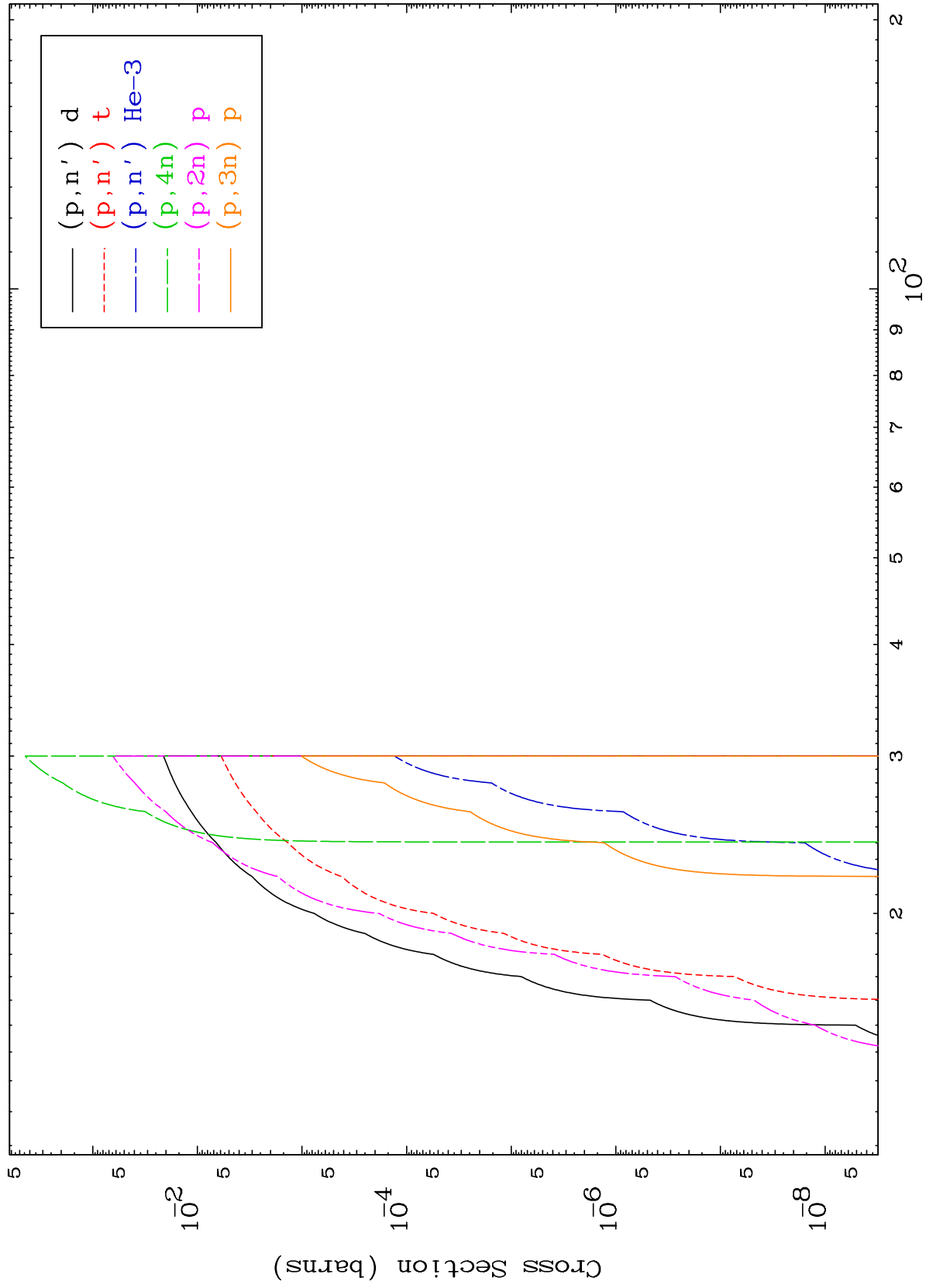
56-Ba-139



2

Incident Energy (MeV)

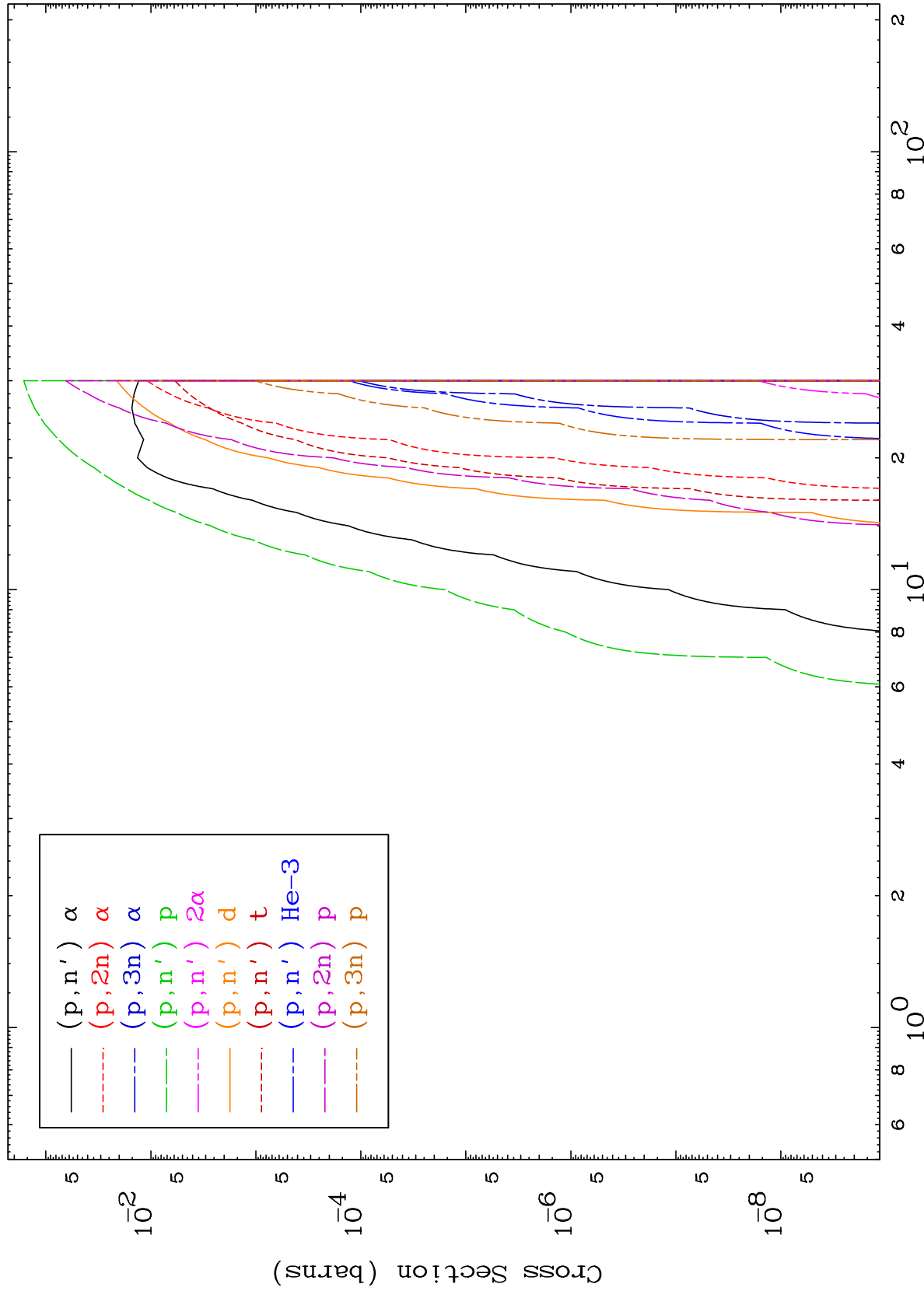
56-Ba-139



MAT 5652

Proton Charged Particle  
0 Kelvin Cross Sections

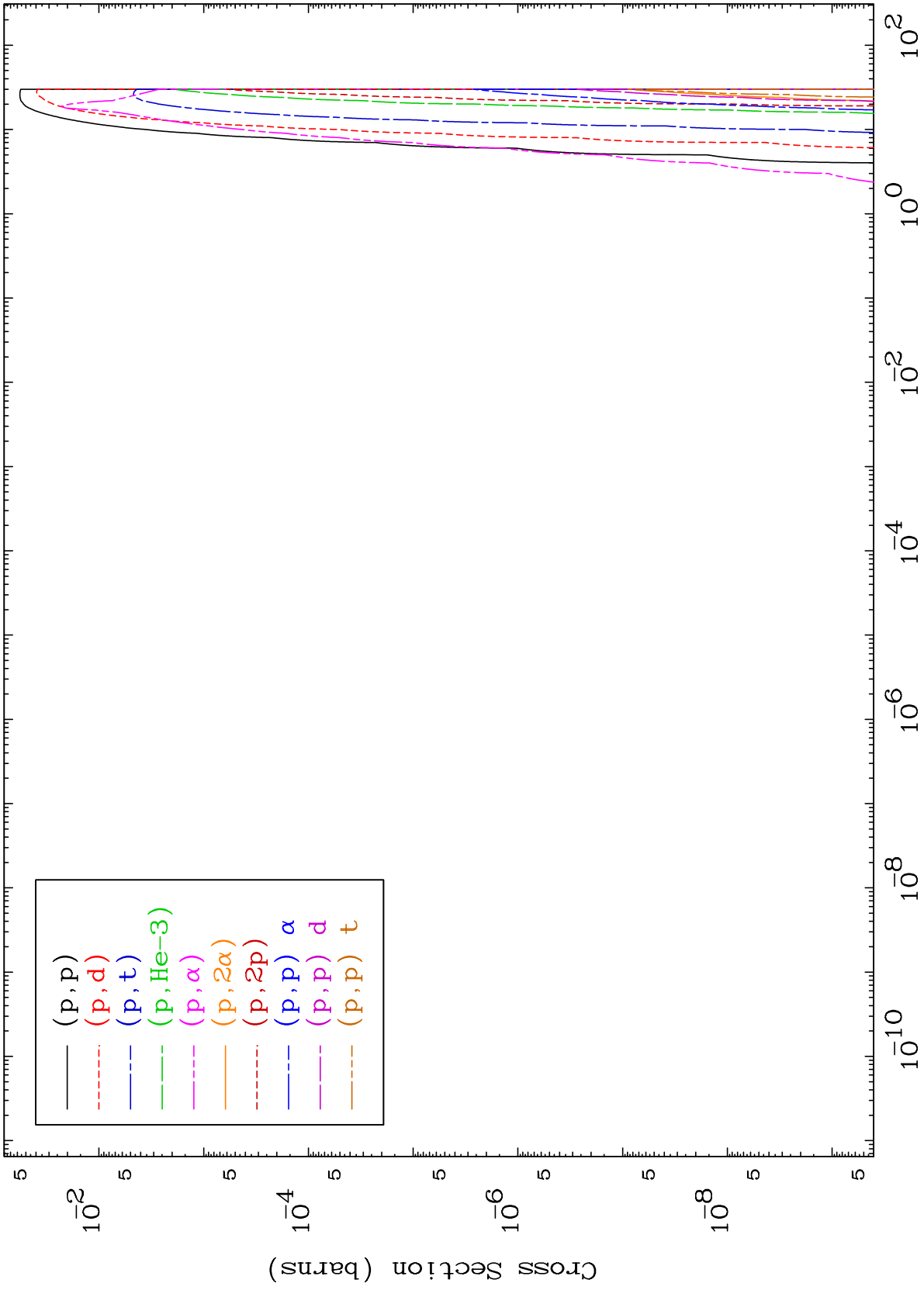
56-Ba-139



MAT 5652

Proton Charged Particle  
0 Kelvin Cross Sections

56-Ba-139



5

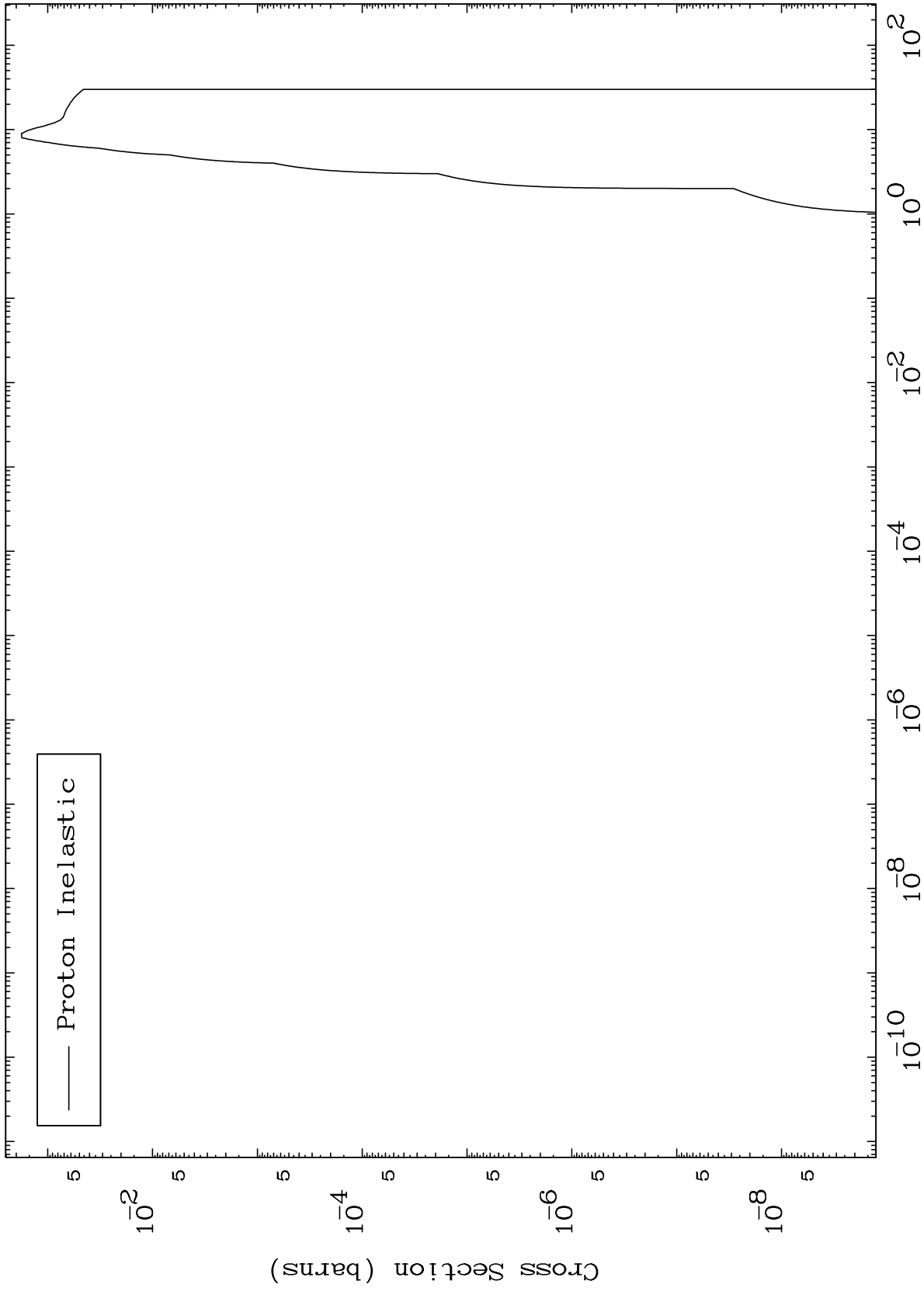
Incident Energy (MeV)

56-Ba-139

MAT 5652

(p,n') Level  
0 Kelvin Cross Sections

56-Ba-139



6

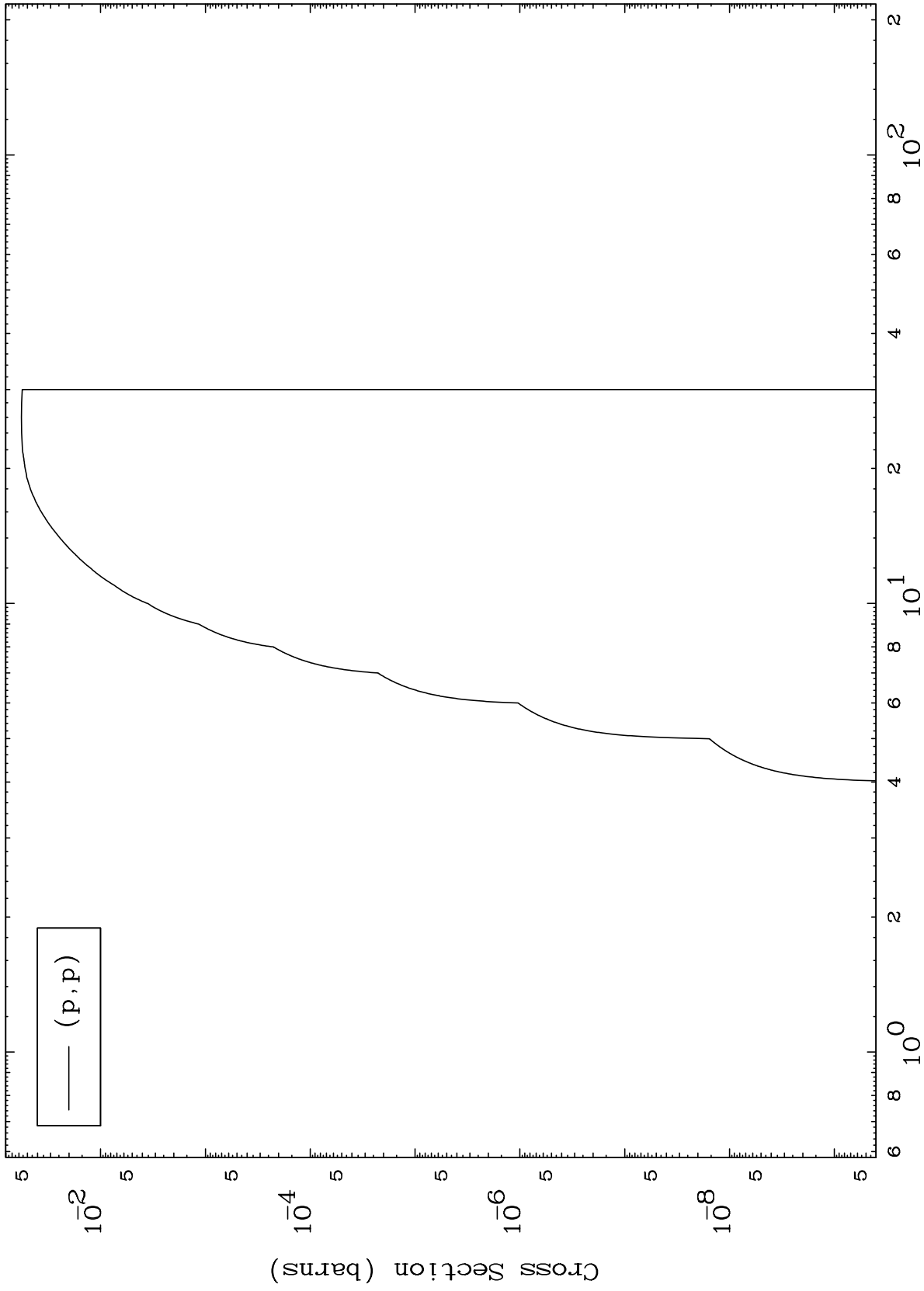
Incident Energy (MeV)

56-Ba-139

MAT 5652

56-Ba-139

(p,p) Levels  
0 Kelvin Cross Sections



7

Incident Energy (MeV)

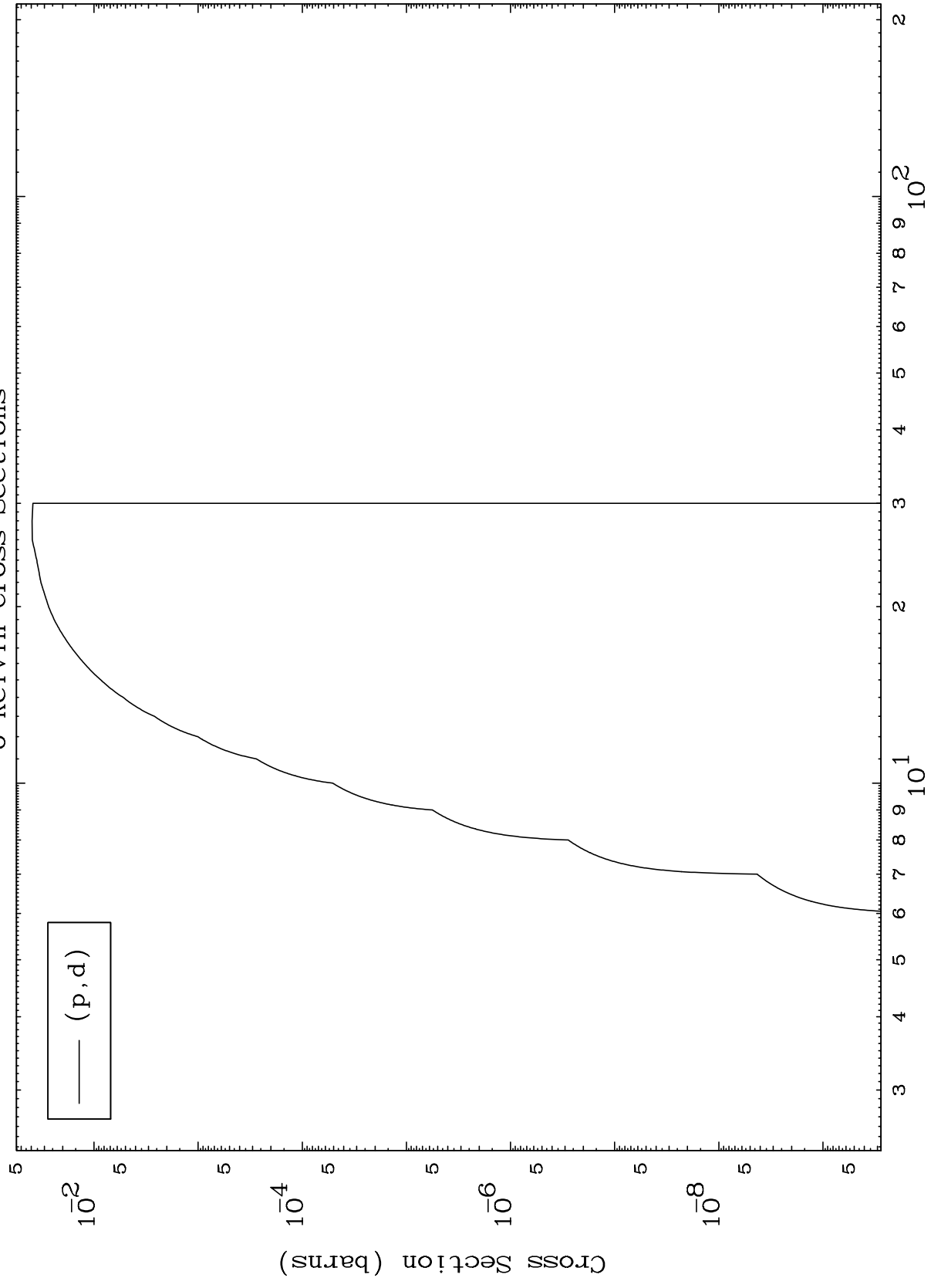
56-Ba-139



MAT 5652

(p,d) Levels  
0 Kelvin Cross Sections

56-Ba-139



8

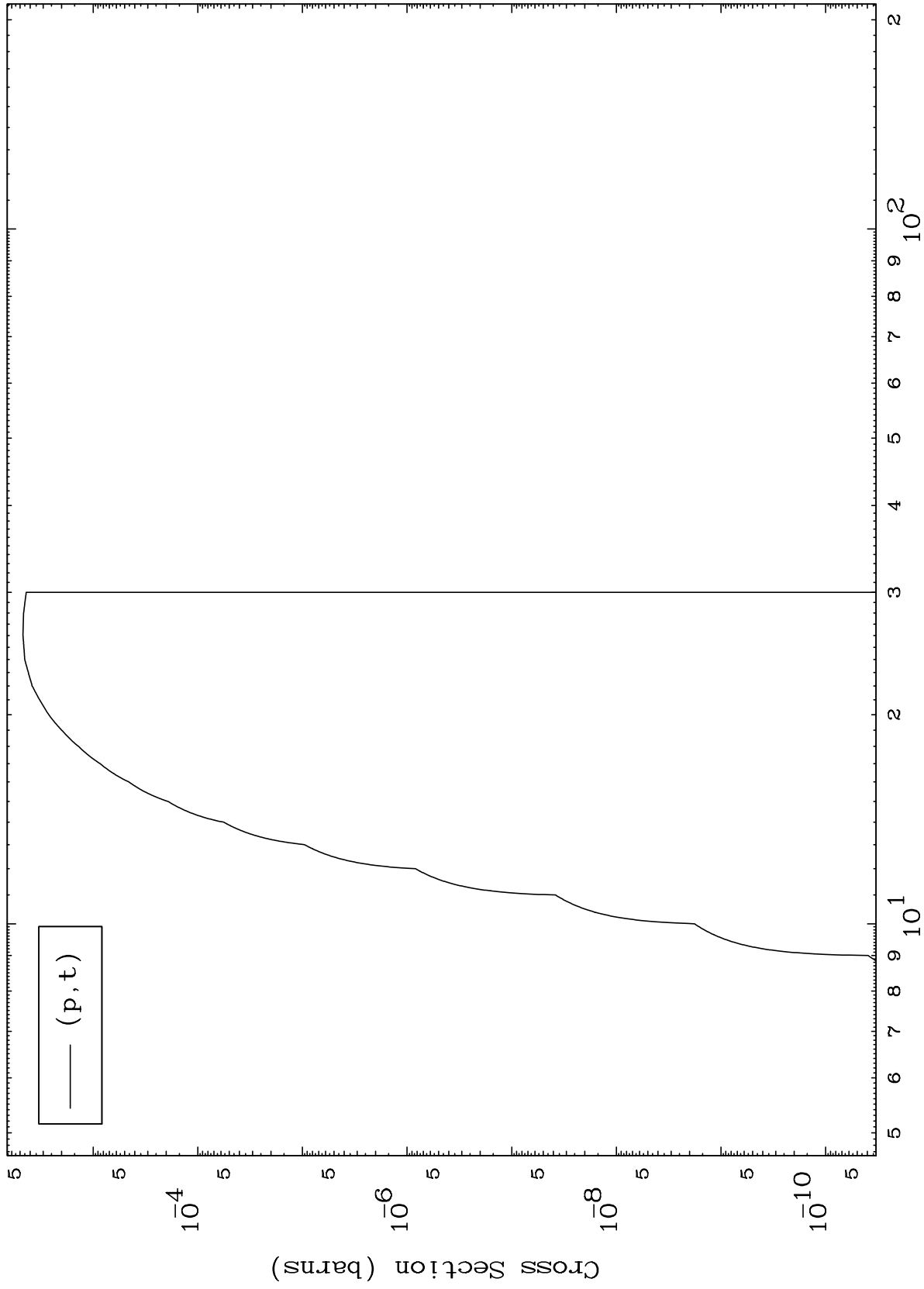
Incident Energy (MeV)

56-Ba-139

MAT 5652

(p,t) Levels  
0 Kelvin Cross Sections

56-Ba-139



9

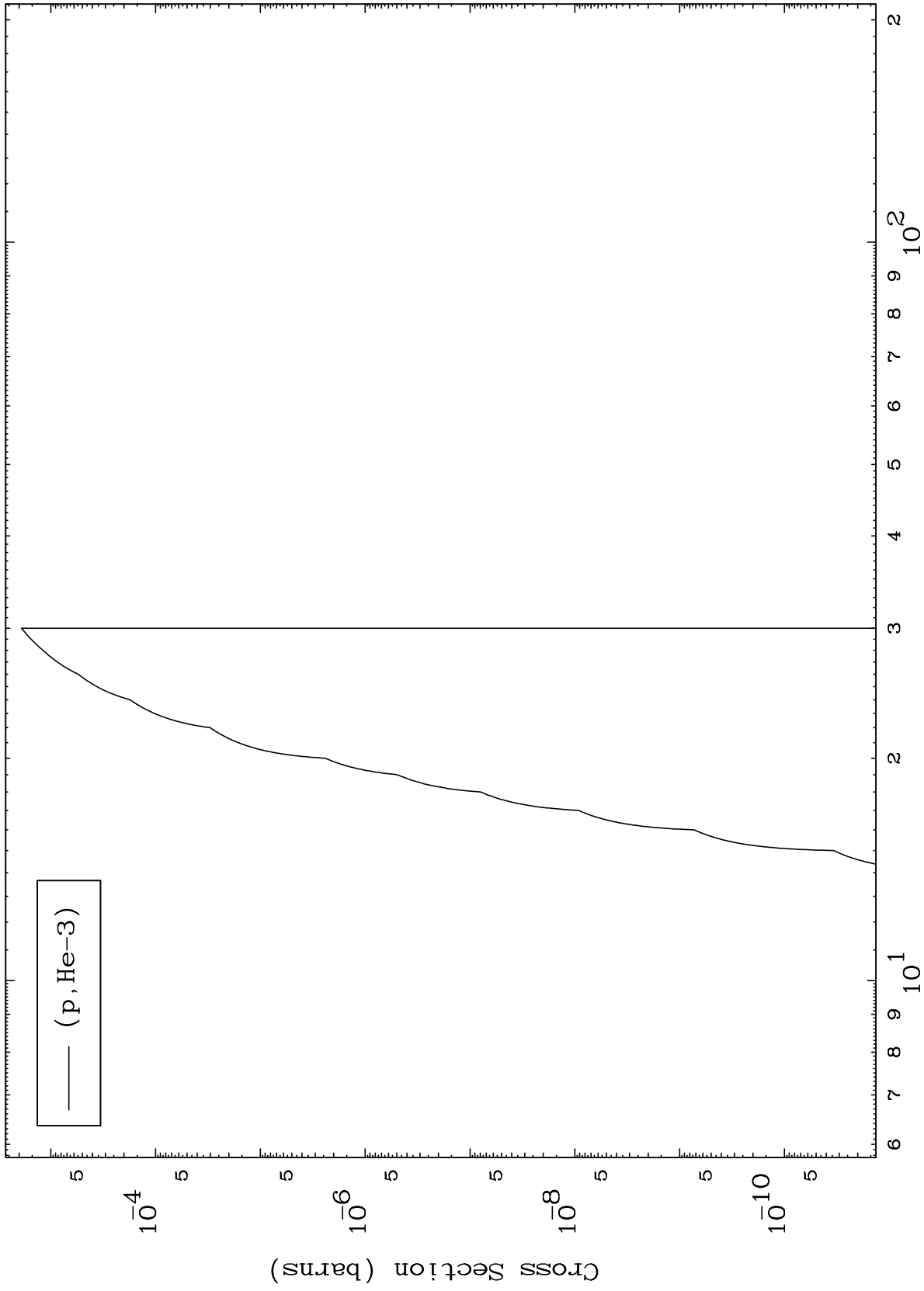
Incident Energy (MeV)

56-Ba-139

MAT 5652

(p,He3) Levels  
0 Kelvin Cross Sections

56-Ba-139



10

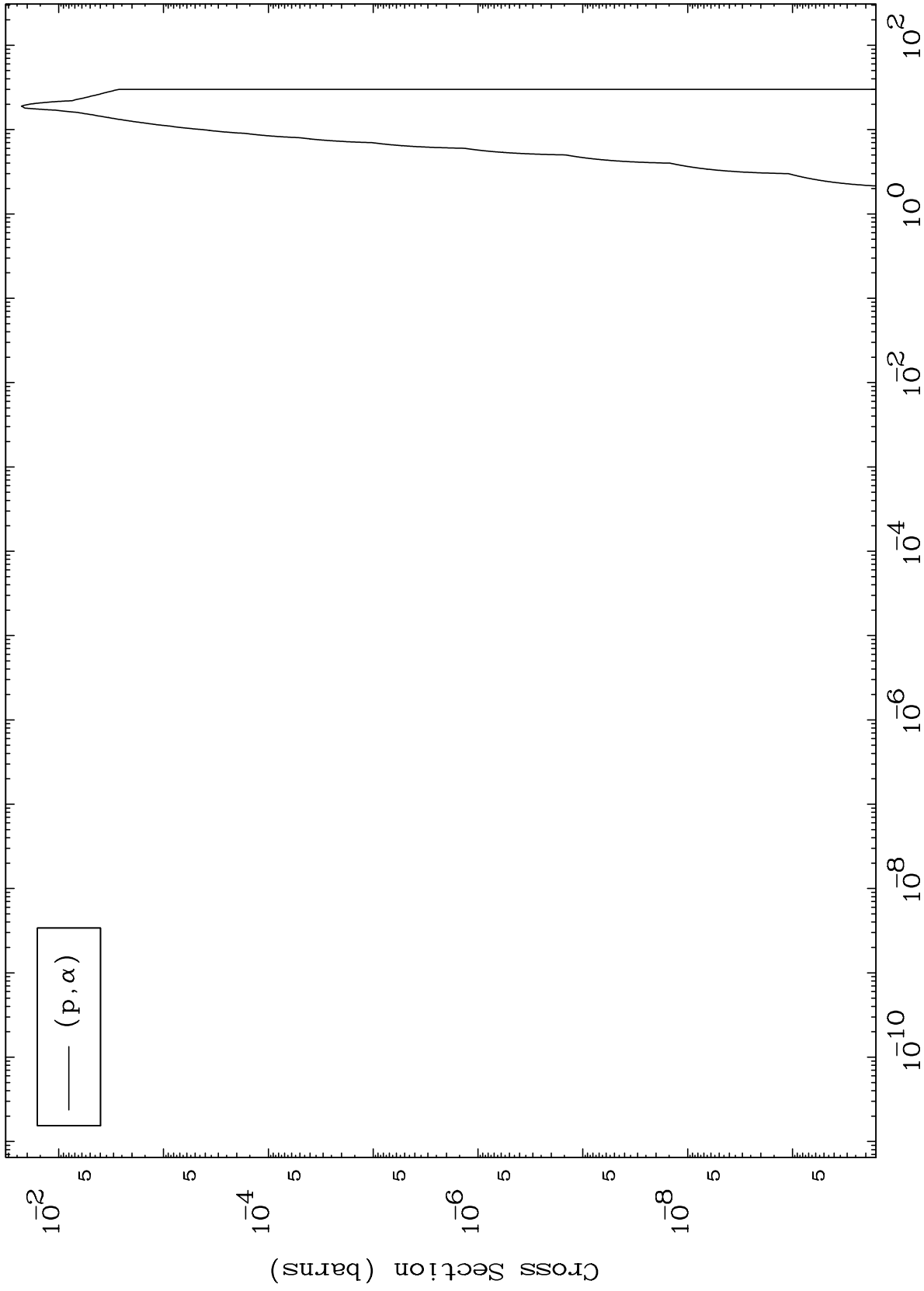
Incident Energy (MeV)

56-Ba-139

MAT 5652

(p,α) Levels  
0 Kelvin Cross Sections

56-Ba-139

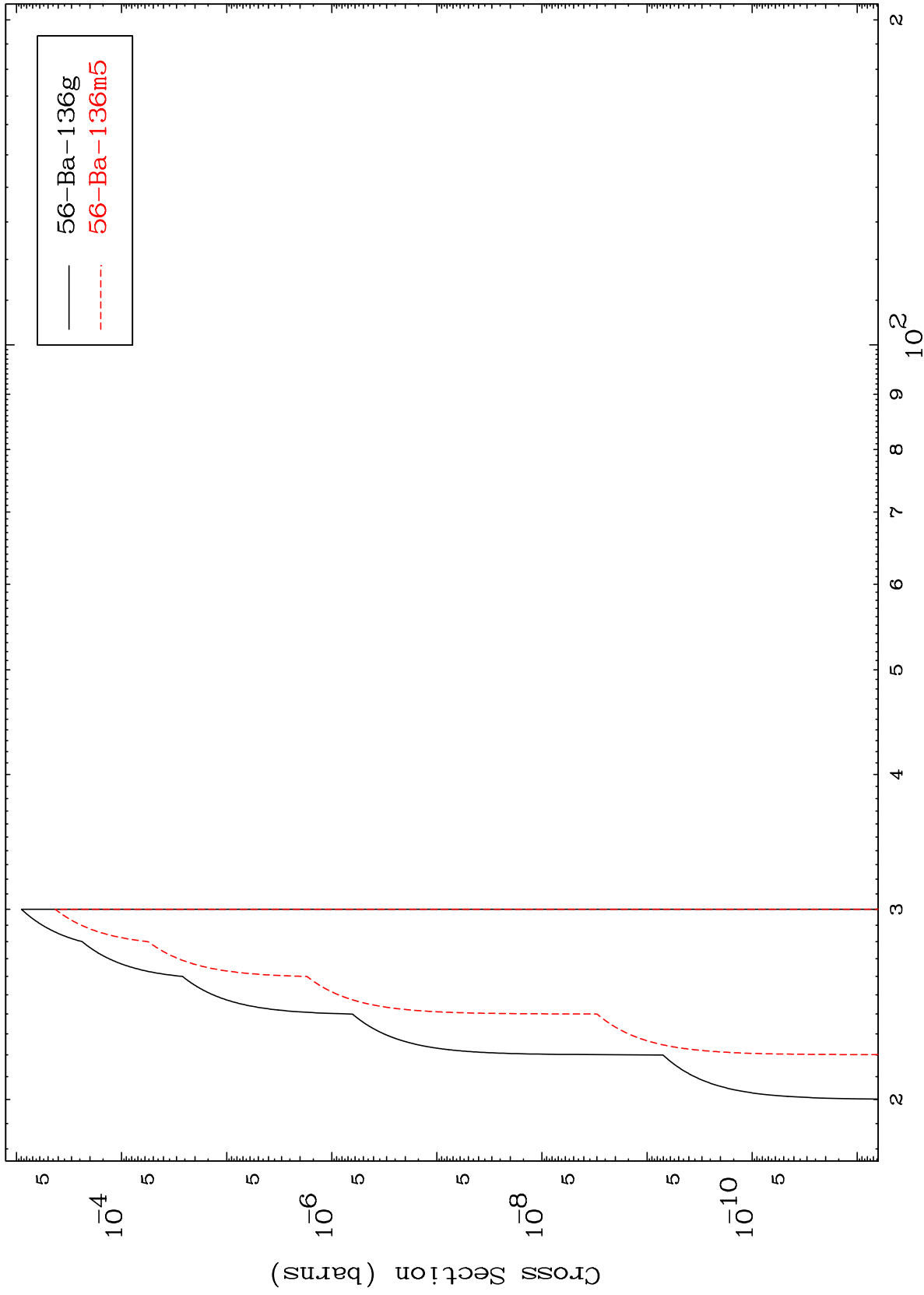


MAT 5652

(p,2n) d

56-Ba-139

Radionuclide Production Cross Section



12

Incident Energy (MeV)

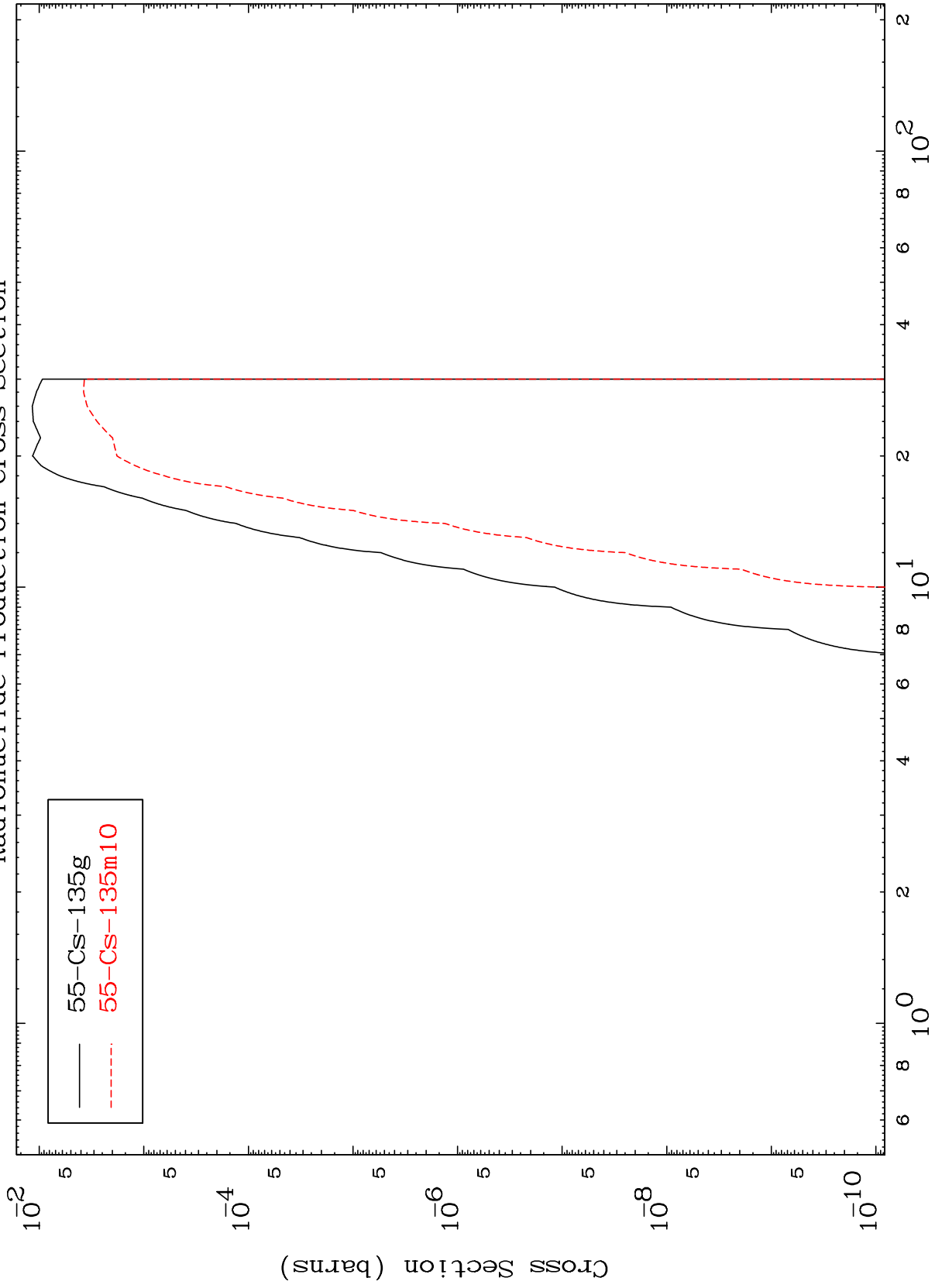
56-Ba-139

MAT 5652

(p,n')  $\alpha$

56-Ba-139

Radionuclide Production Cross Section



13

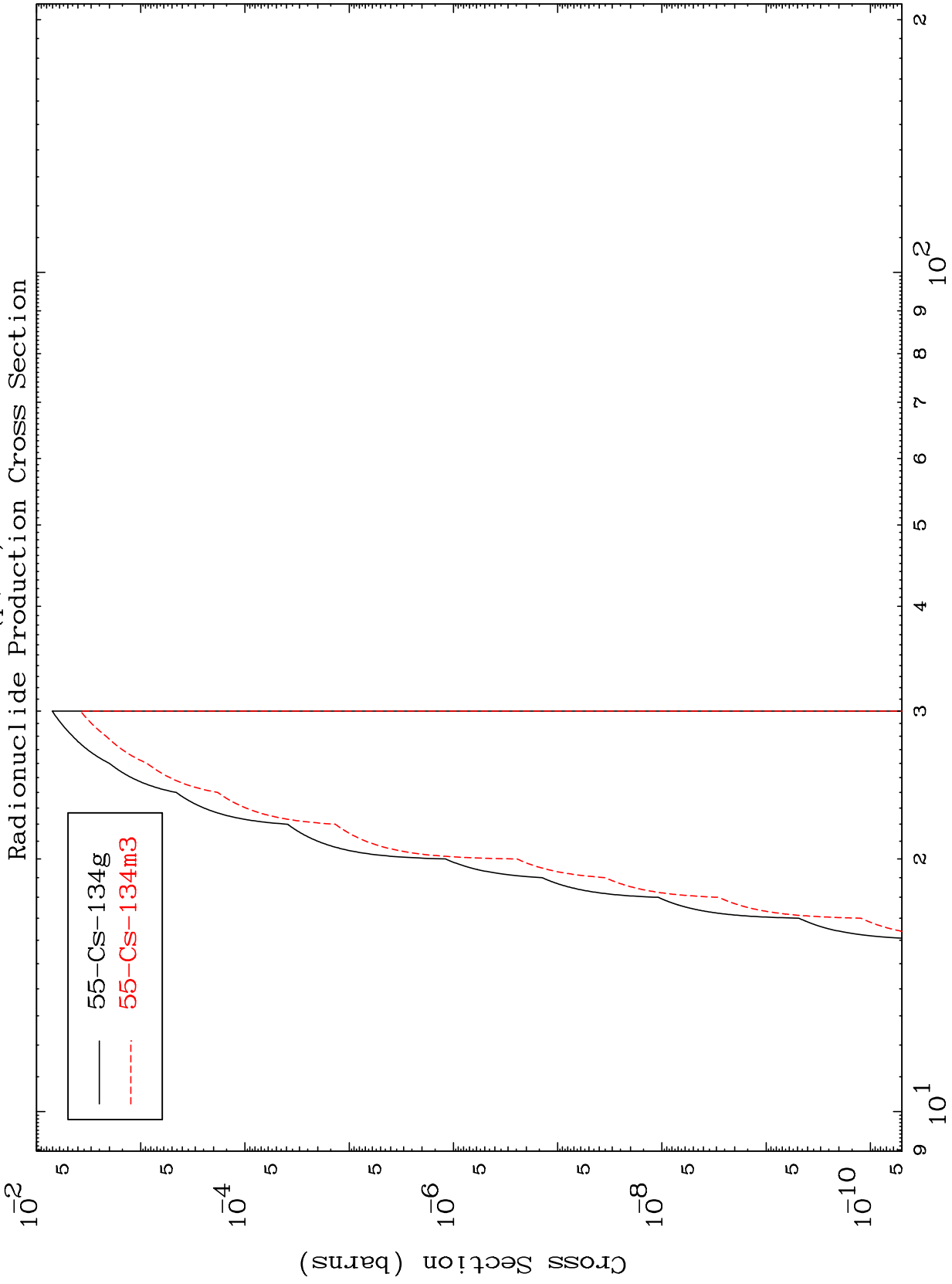
Incident Energy (MeV)

56-Ba-139

MAT 5652

(p,2n)  $\alpha$

56-Ba-139



14

Incident Energy (MeV)

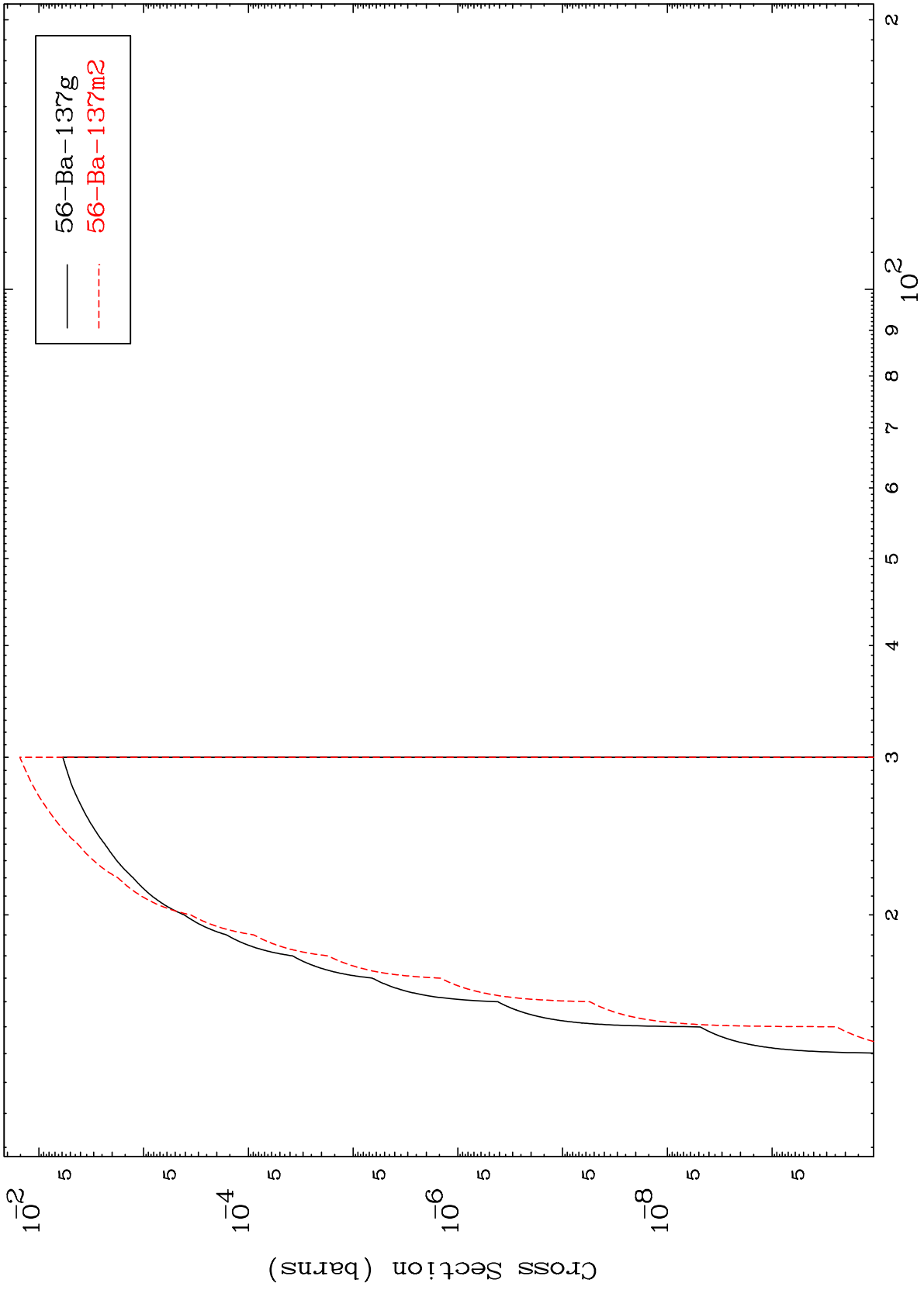
56-Ba-139

MAT 5652

(p,n') d

56-Ba-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

56-Ba-139

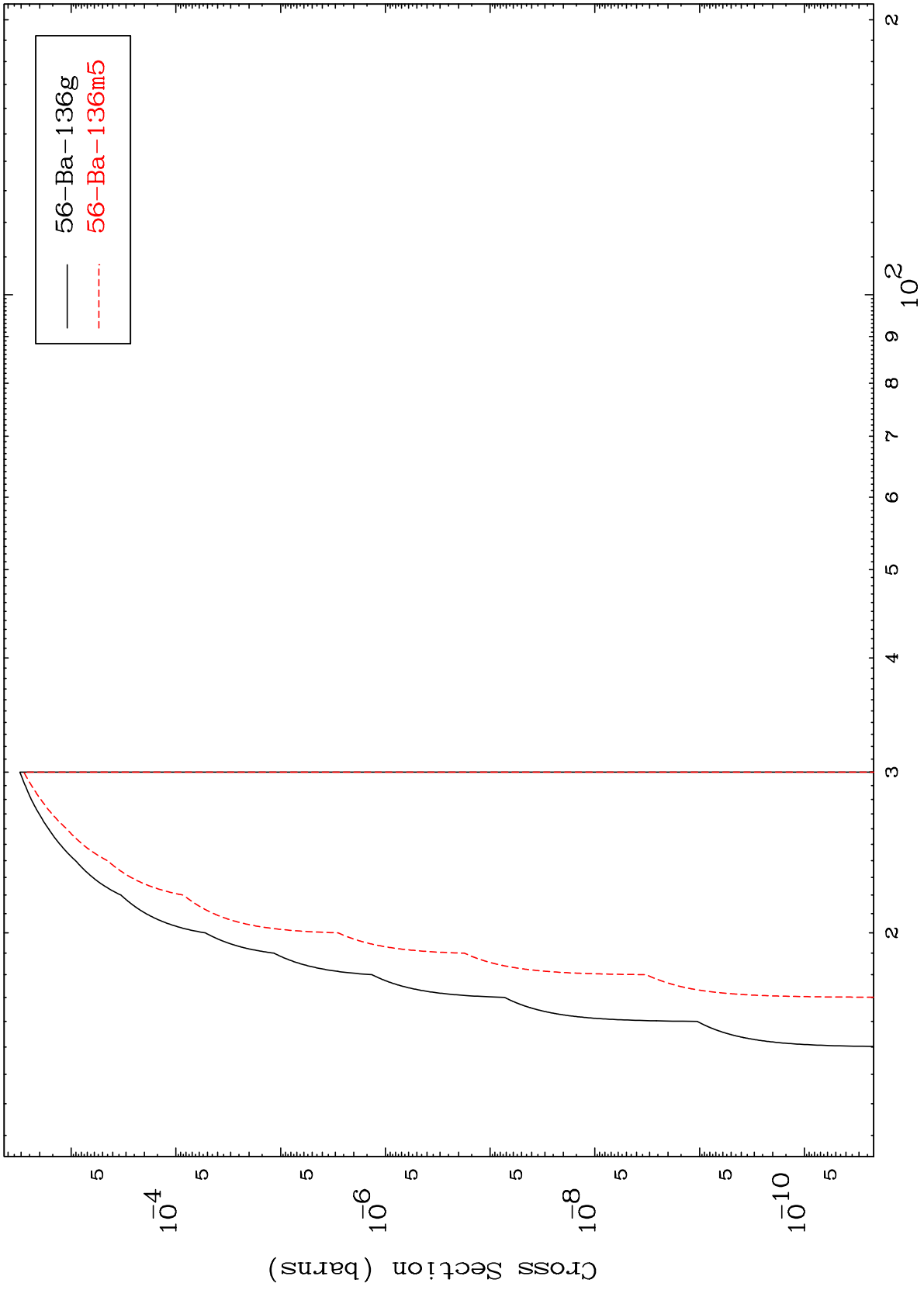


MAT 5652

(p,n') t

56-Ba-139

Radionuclide Production Cross Section



16

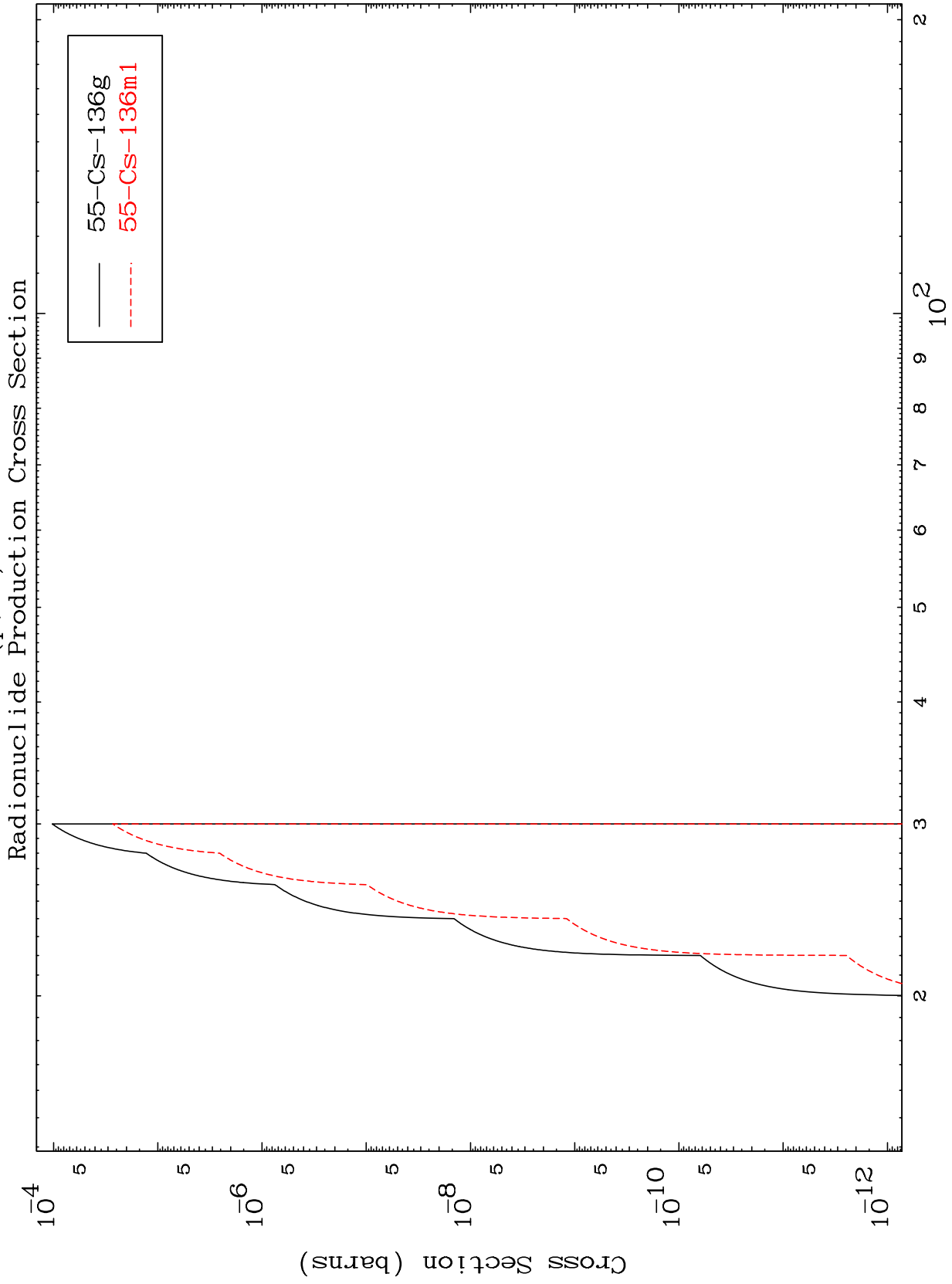
Incident Energy (MeV)

56-Ba-139

MAT 5652

(p,n') He-3

56-Ba-139



17

Incident Energy (MeV)

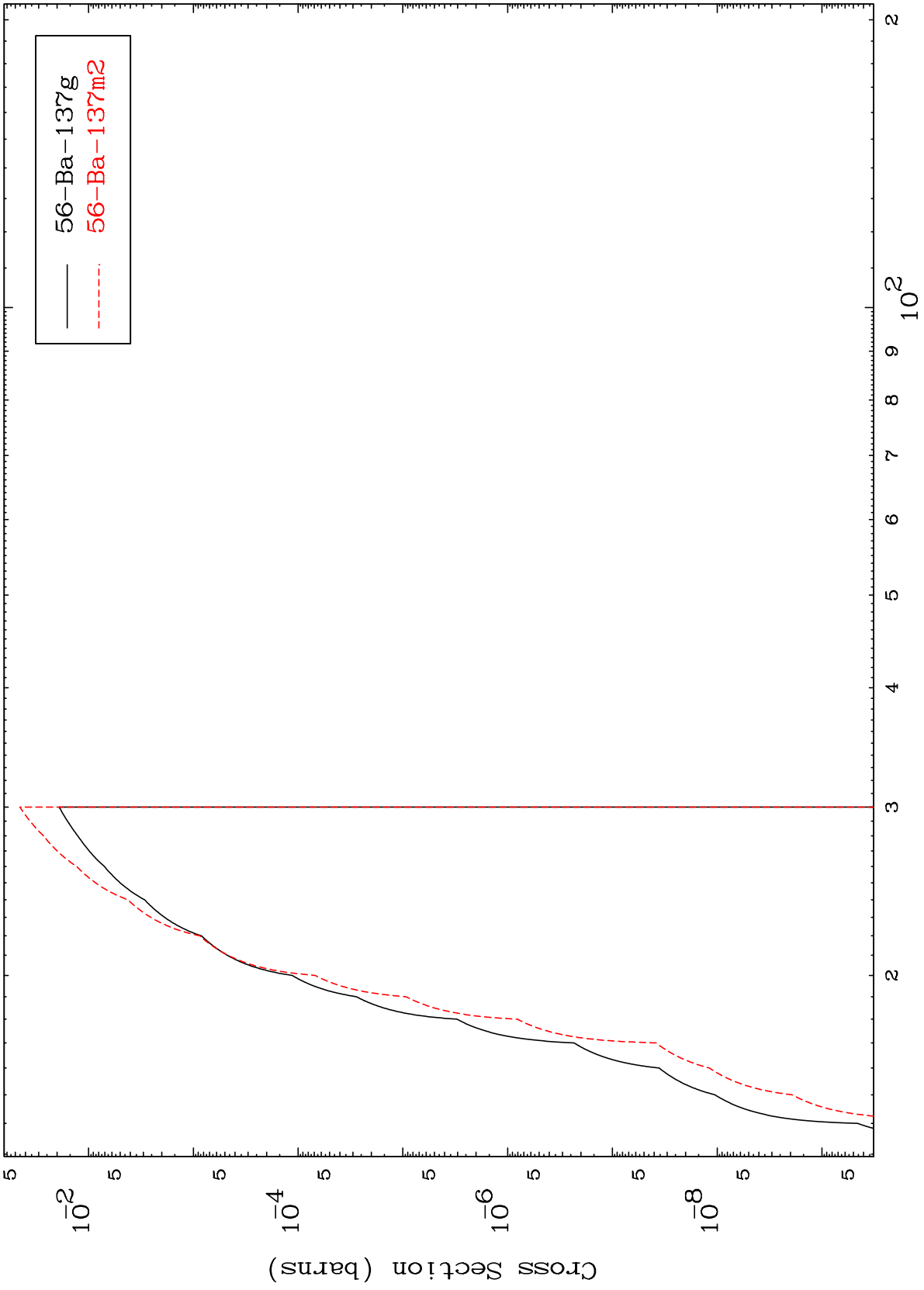
56-Ba-139

MAT 5652

(p,2n) p

56-Ba-139

Radionuclide Production Cross Section



56-Ba-137g  
56-Ba-137m2

18

Incident Energy (MeV)

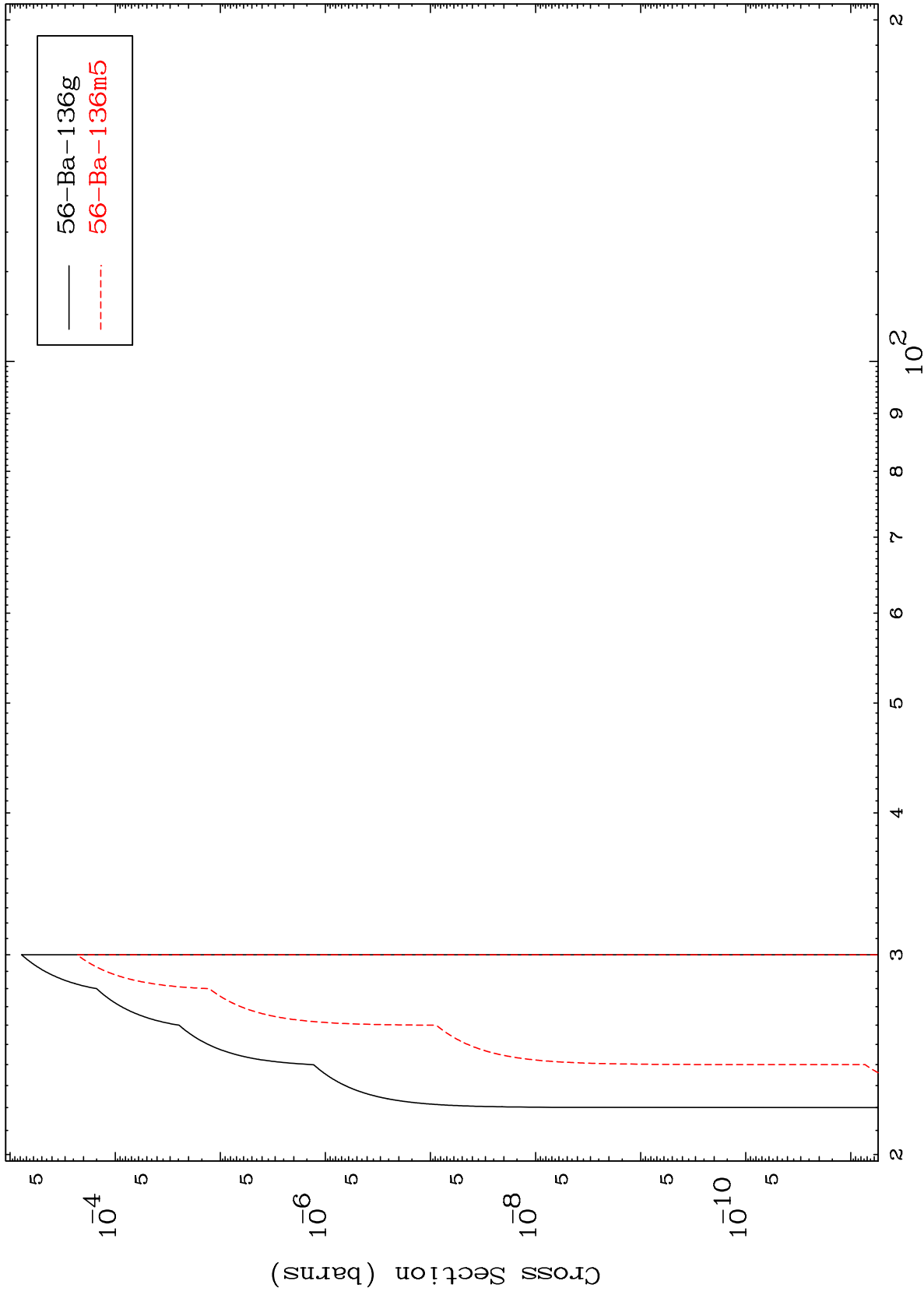
56-Ba-139

MAT 5652

(p,3n) p

56-Ba-139

Radionuclide Production Cross Section



19

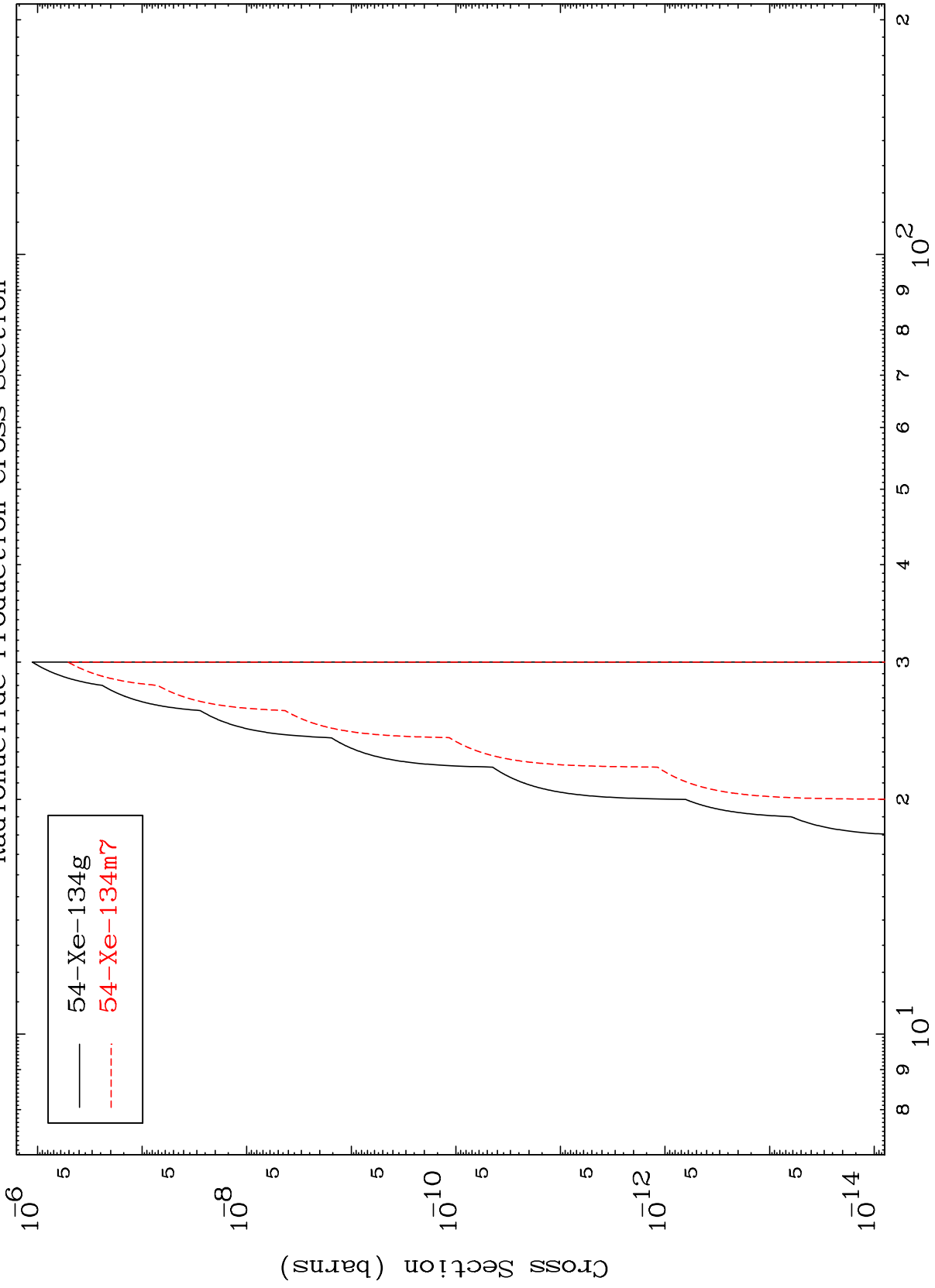
Incident Energy (MeV)

56-Ba-139

MAT 5652

56-Ba-139

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



20

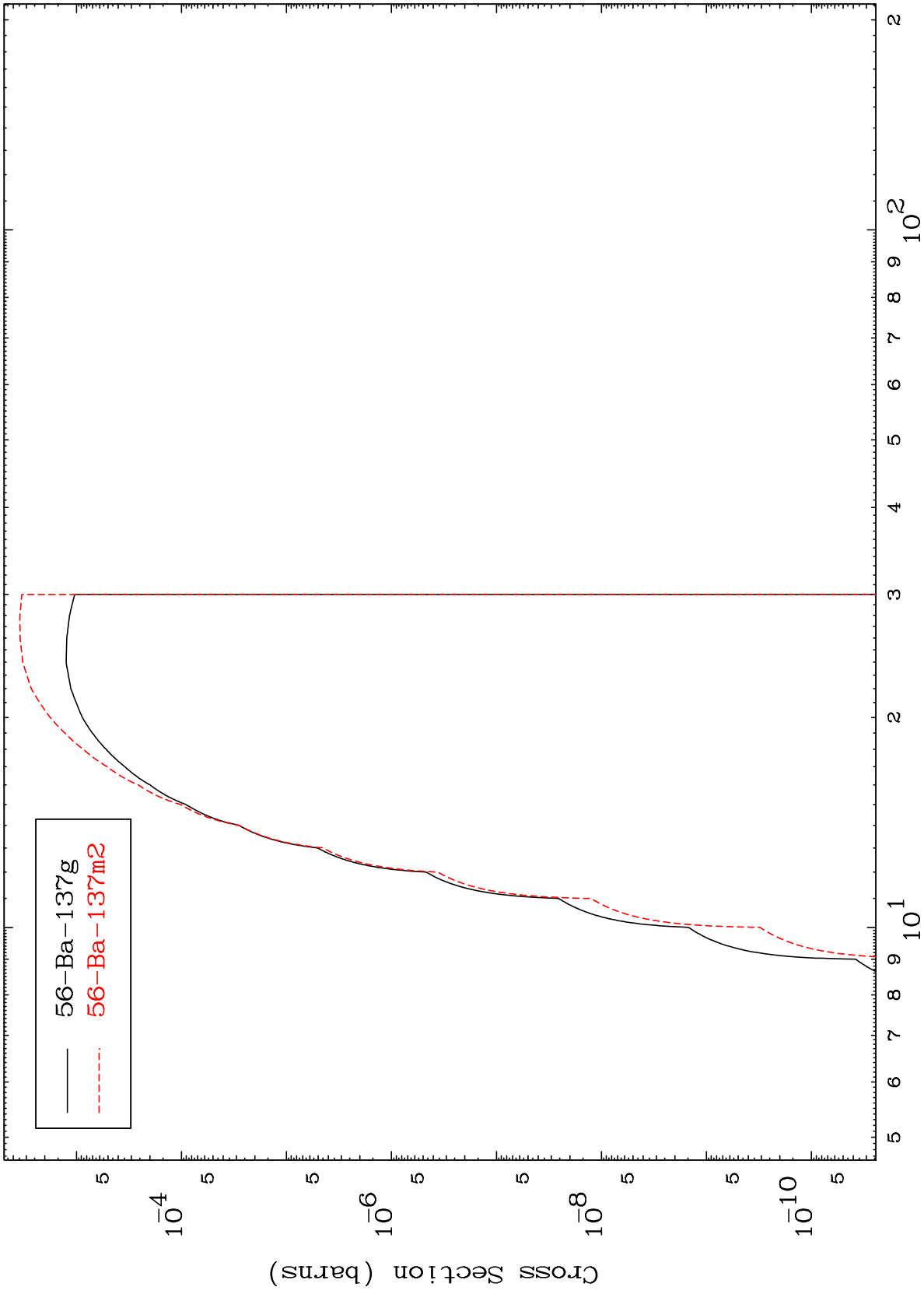
Incident Energy (MeV)

56-Ba-139

MAT 5652

56-Ba-139

(p, t)  
Radionuclide Production Cross Section



21

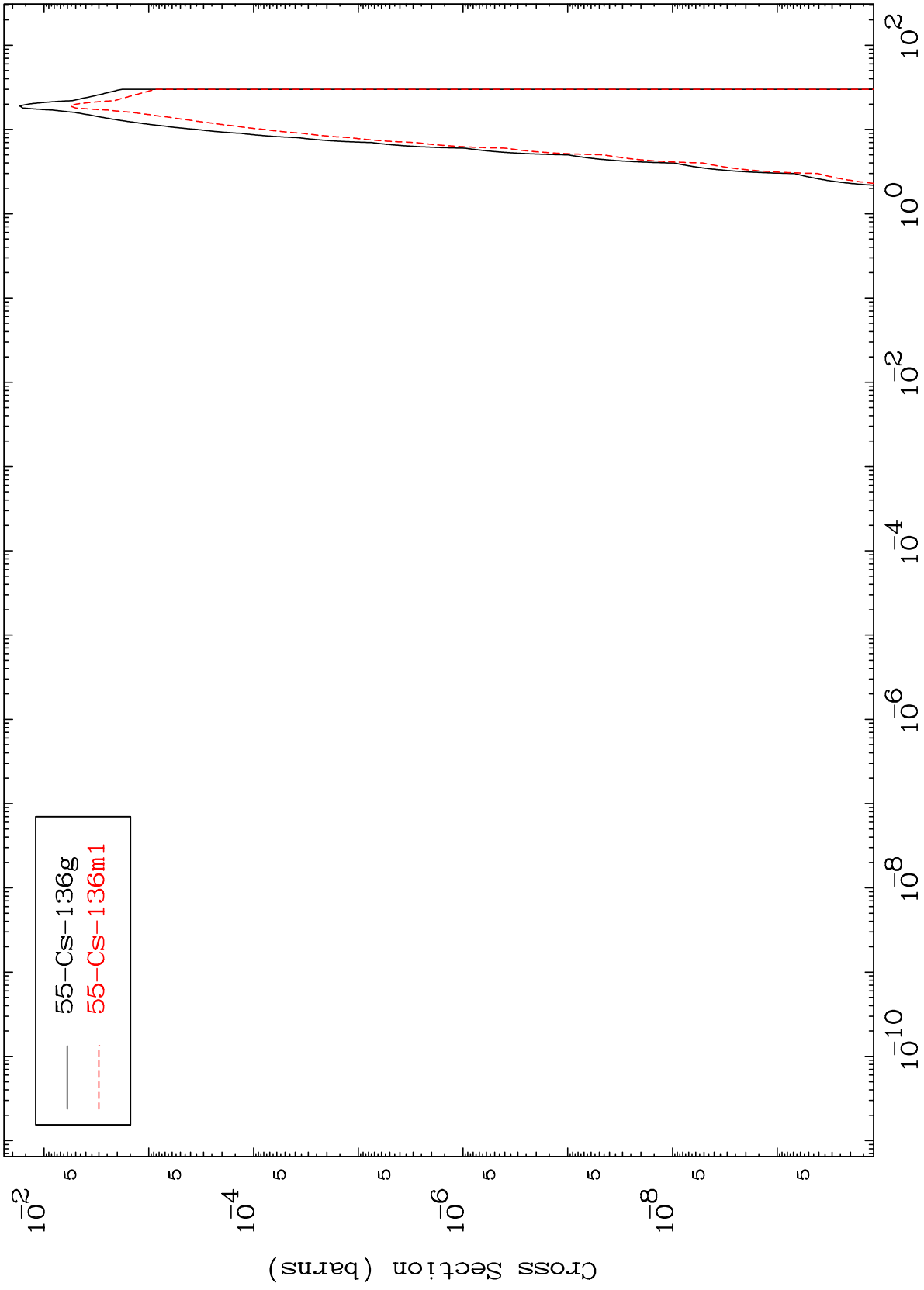
56-Ba-139

Incident Energy (MeV)

MAT 5652

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

56-Ba-139



22

Incident Energy (MeV)

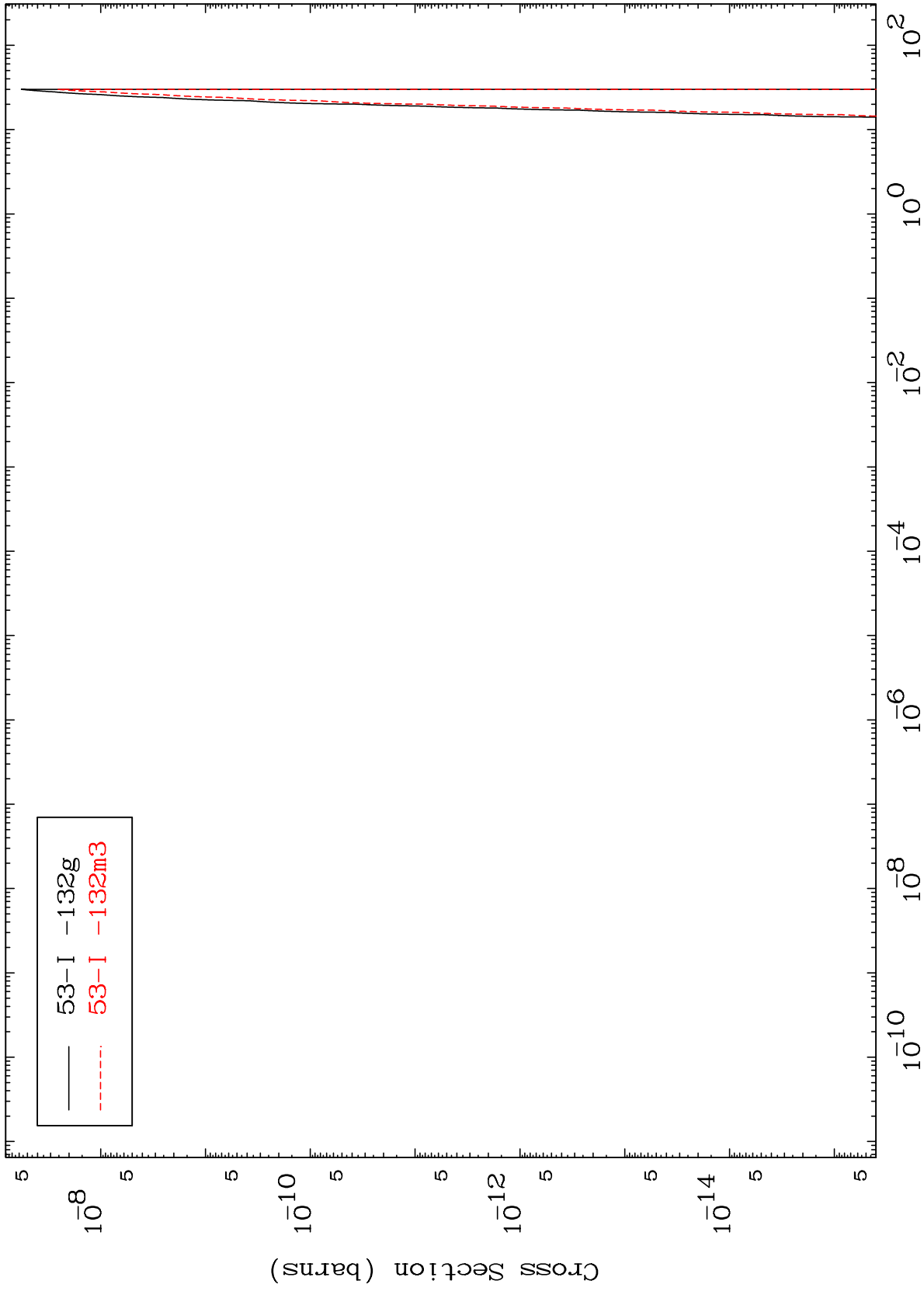
56-Ba-139

MAT 5652

(p,2α)

56-Ba-139

Radionuclide Production Cross Section



23

Incident Energy (MeV)

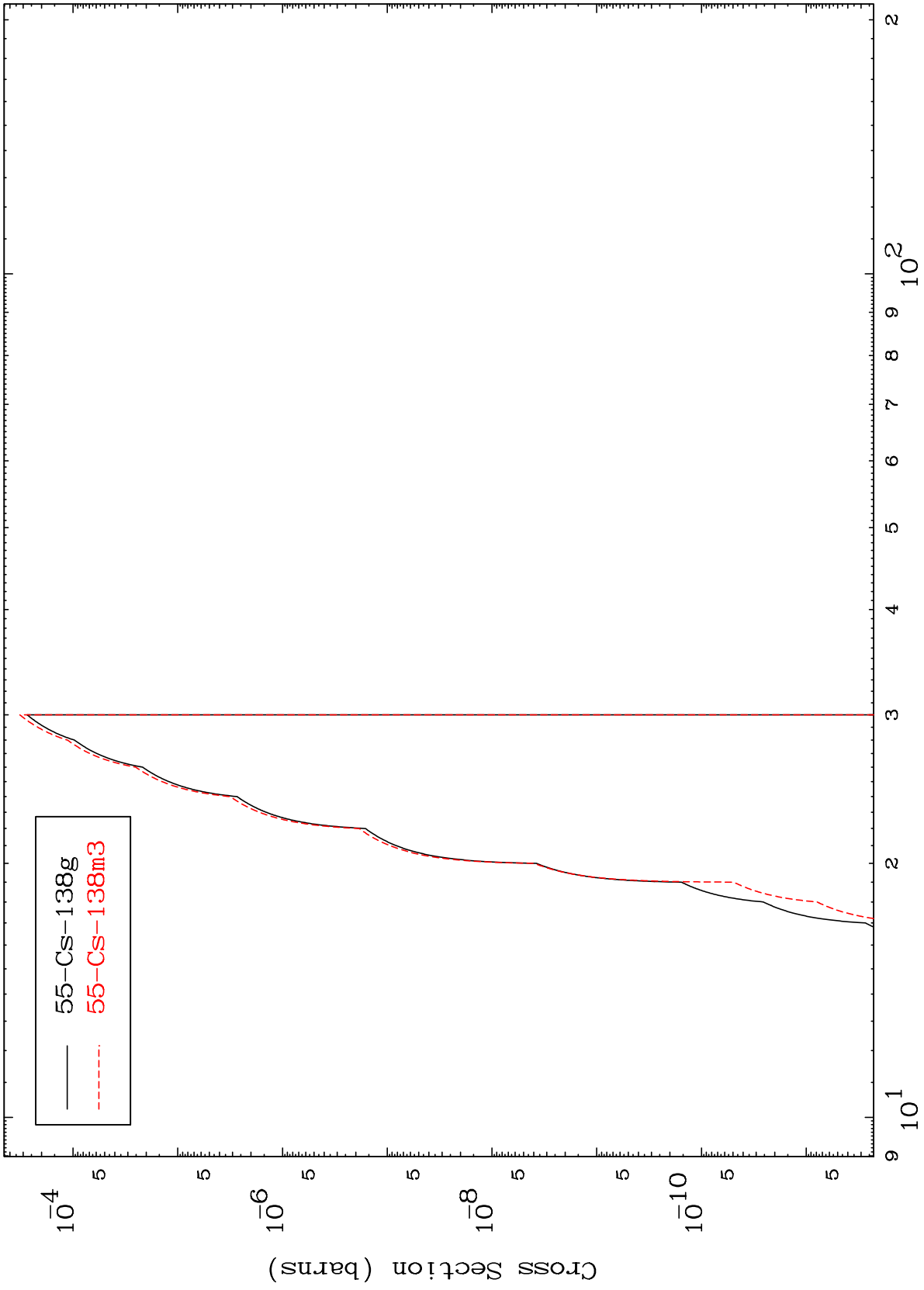
56-Ba-139



MAT 5652

56-Ba-139

Radionuclide Production Cross Section  
(p,2p)



24

Incident Energy (MeV)

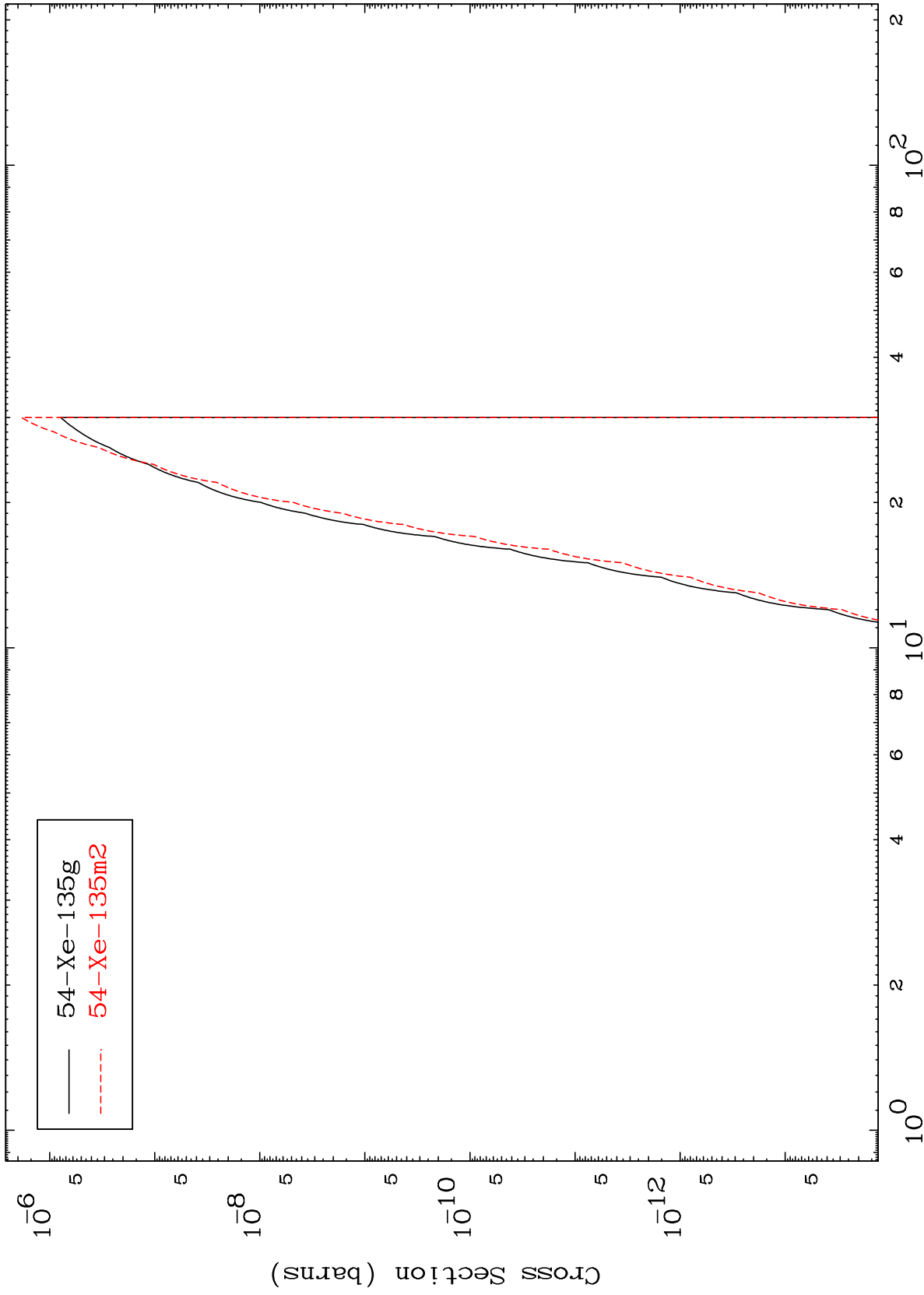
56-Ba-139

MAT 5652

(p,p)  $\alpha$

56-Ba-139

Radionuclide Production Cross Section



25

Incident Energy (MeV)

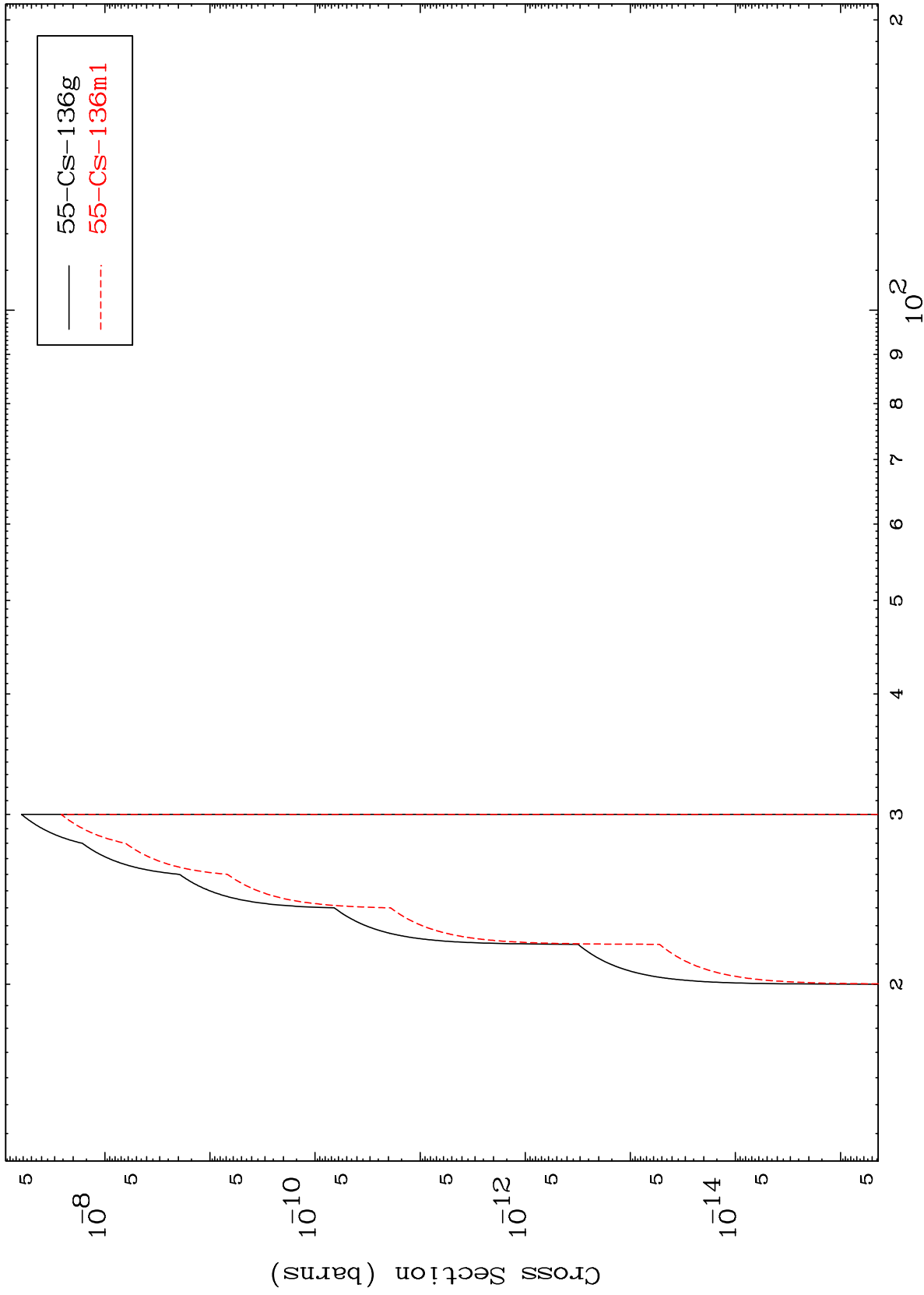
56-Ba-139

MAT 5652

(p,p) t

56-Ba-139

Radionuclide Production Cross Section



26

Incident Energy (MeV)

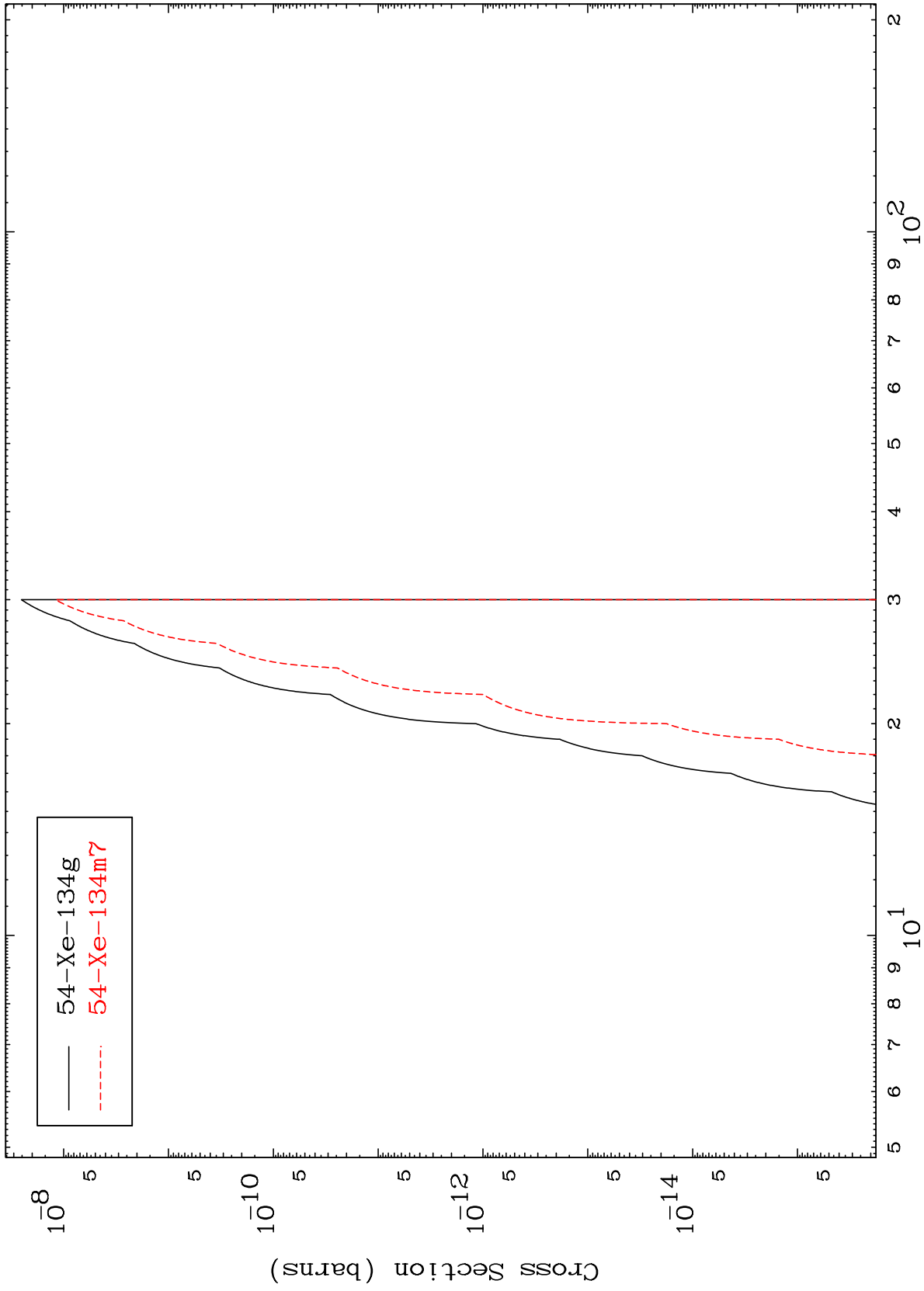
56-Ba-139

MAT 5652

(p,d)  $\alpha$

56-Ba-139

Radionuclide Production Cross Section



54-Xe-134g  
54-Xe-134m7

27

Incident Energy (MeV)

56-Ba-139