

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

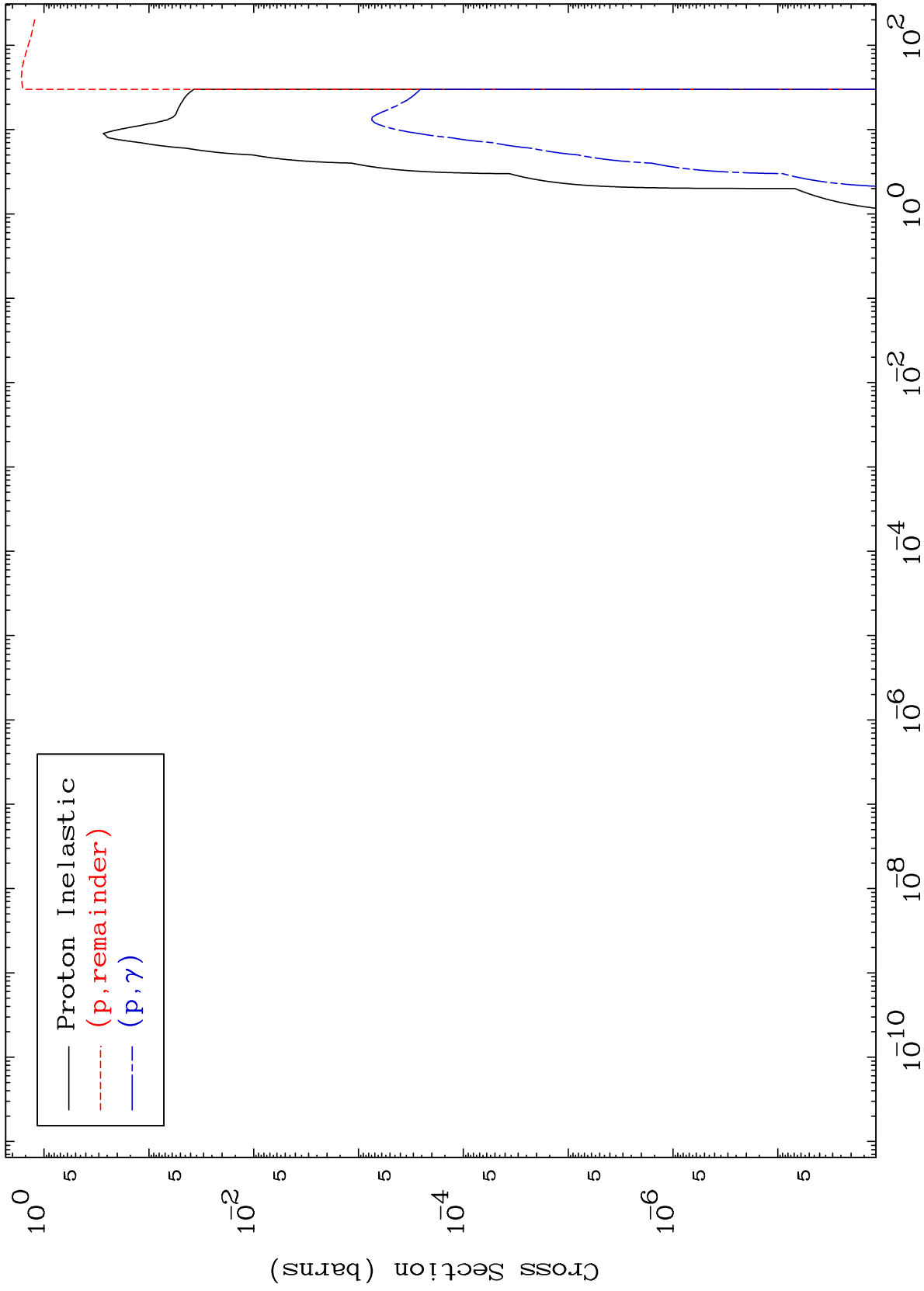
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5459

Proton Major  
0 Kelvin Cross Sections

54-Xe-135



1

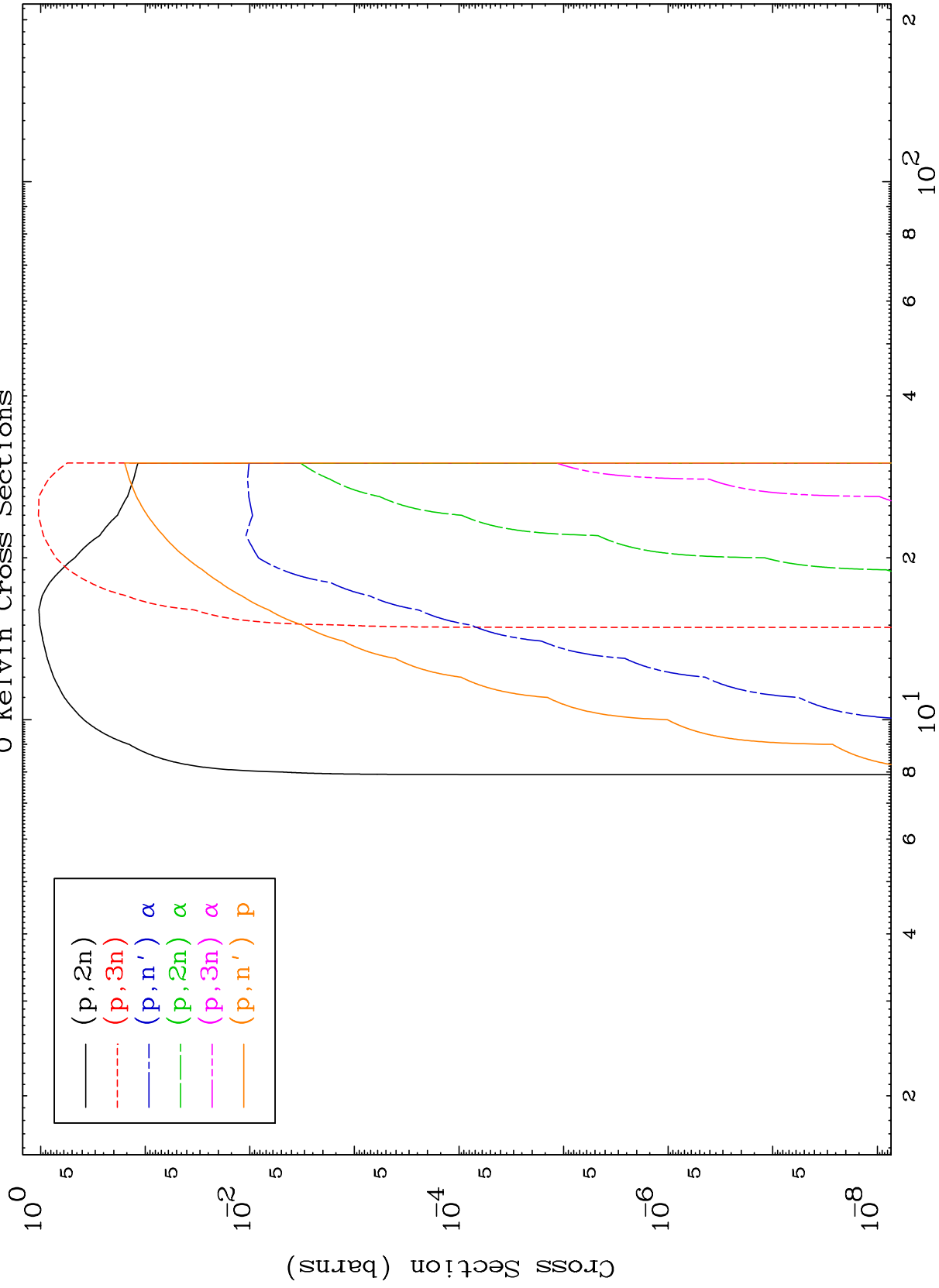
Incident Energy (MeV)

54-Xe-135

MAT 5459

Proton Neutron Production  
0 Kelvin Cross Sections

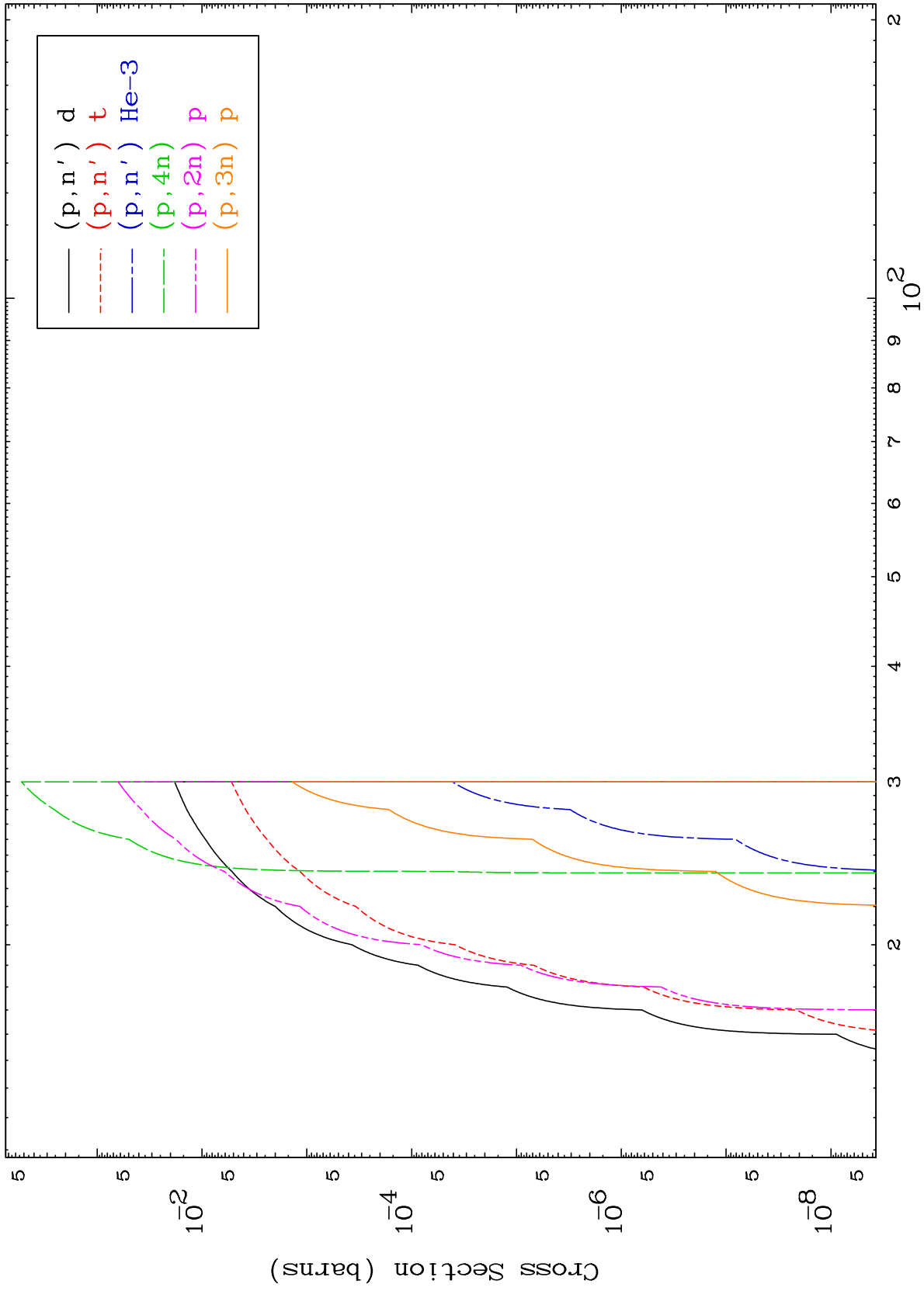
54-Xe-135



2

Incident Energy (MeV)

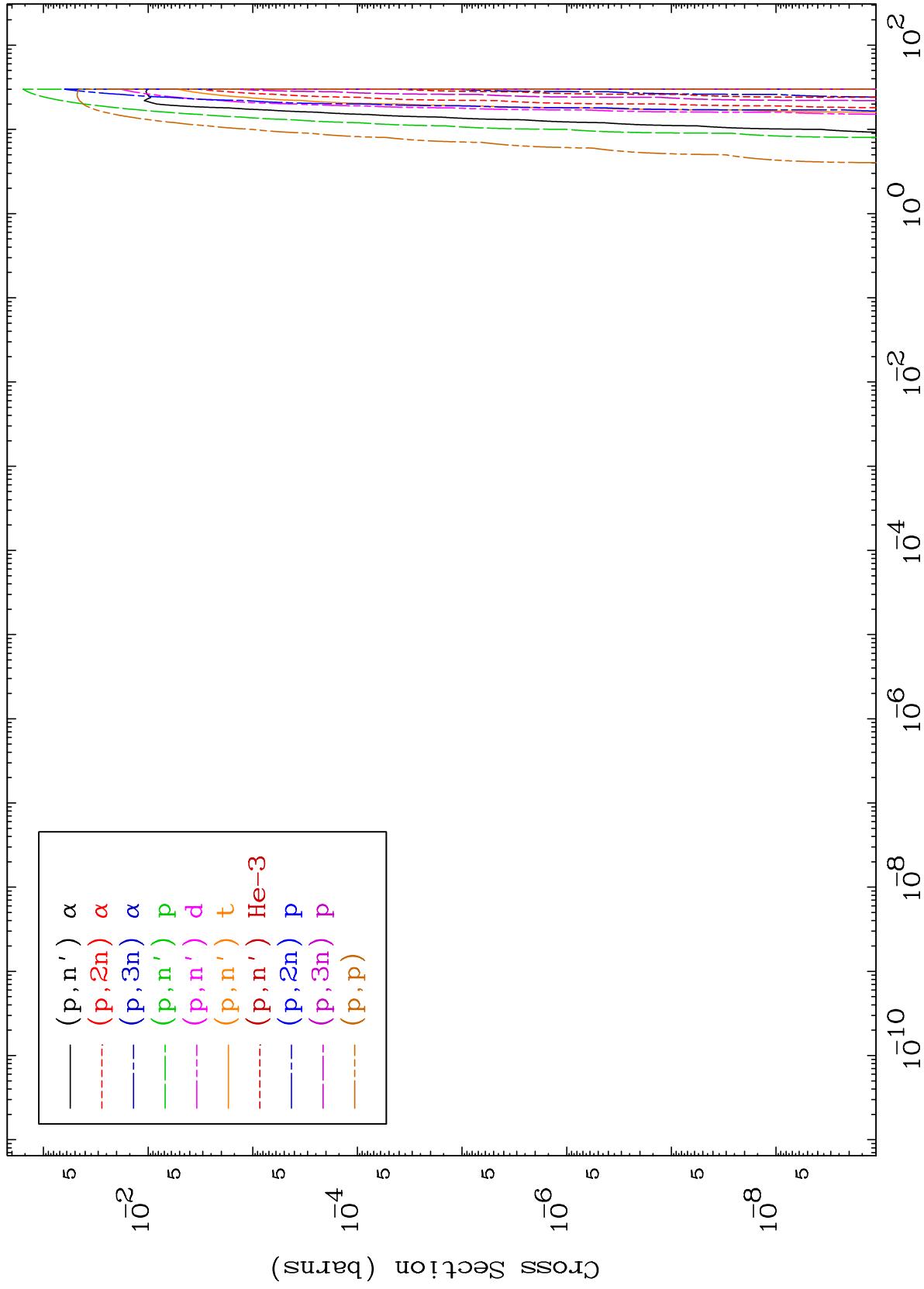
54-Xe-135



MAT 5459

Proton Charged Particle  
0 Kelvin Cross Sections

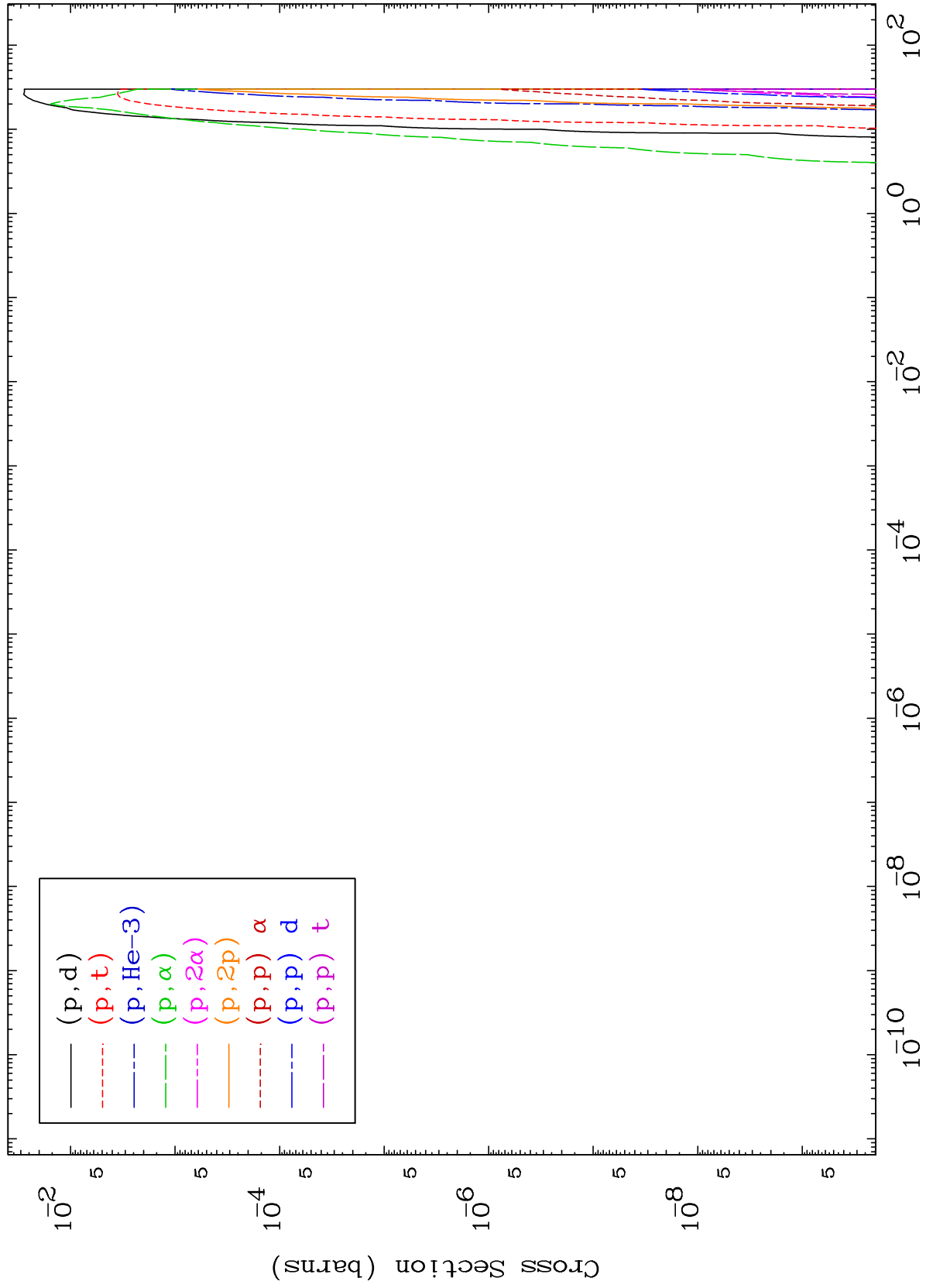
54-Xe-135



MAT 5459

Proton Charged Particle  
0 Kelvin Cross Sections

54-Xe-135



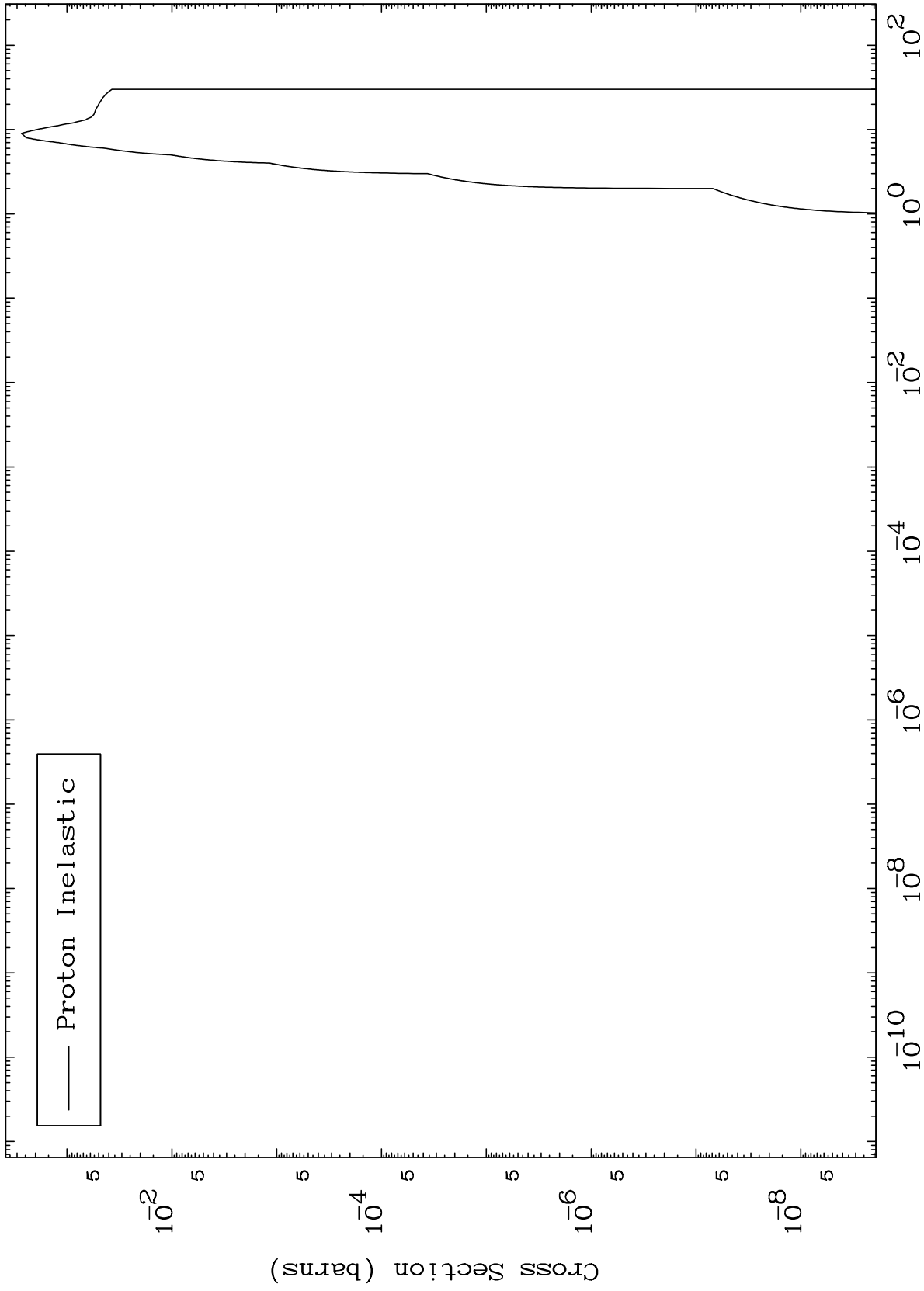
5

54-Xe-135

MAT 5459

(p,n') Level  
0 Kelvin Cross Sections

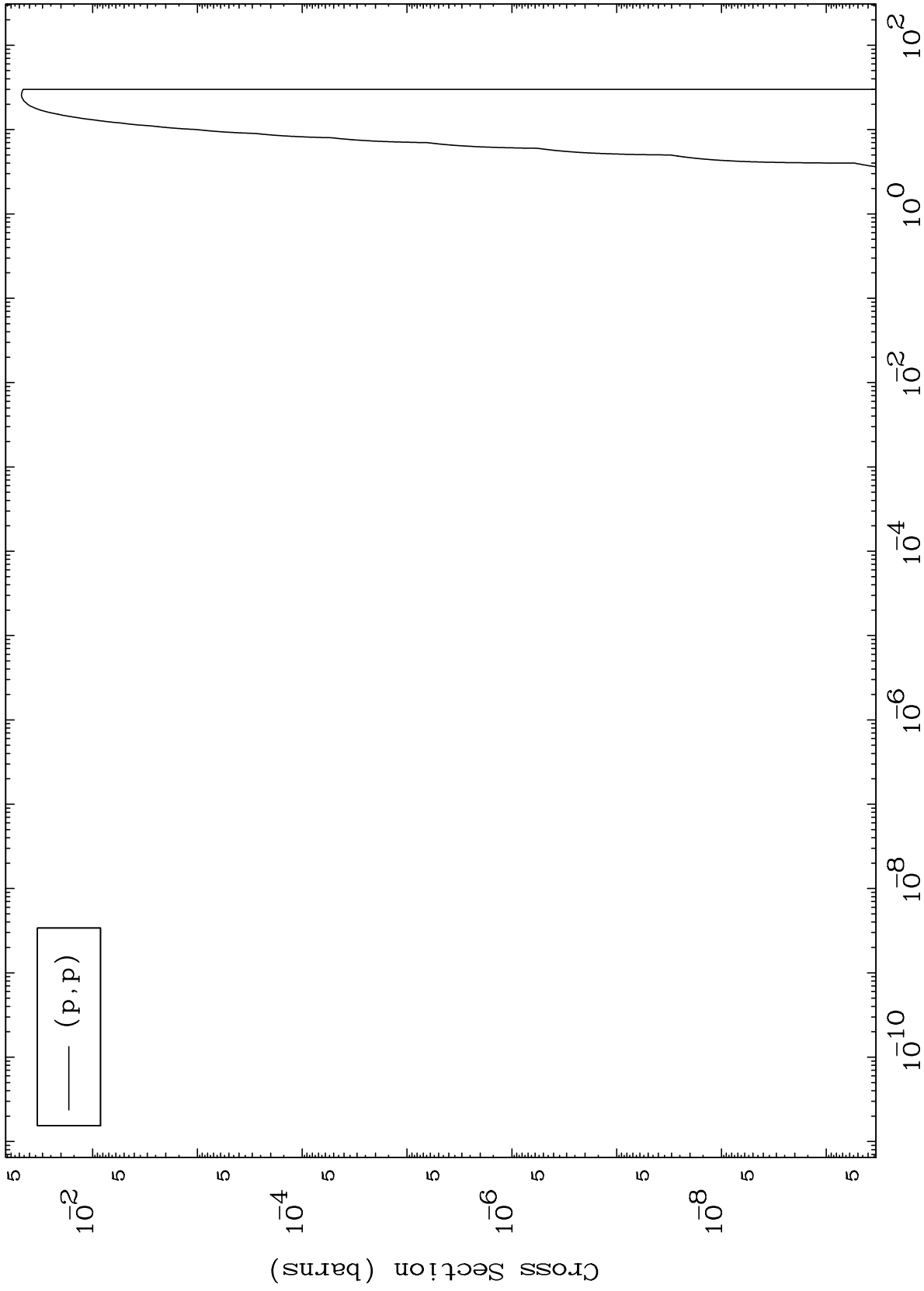
54-Xe-135



MAT 5459

(p,p) Levels  
0 Kelvin Cross Sections

54-Xe-135



7

Incident Energy (MeV)

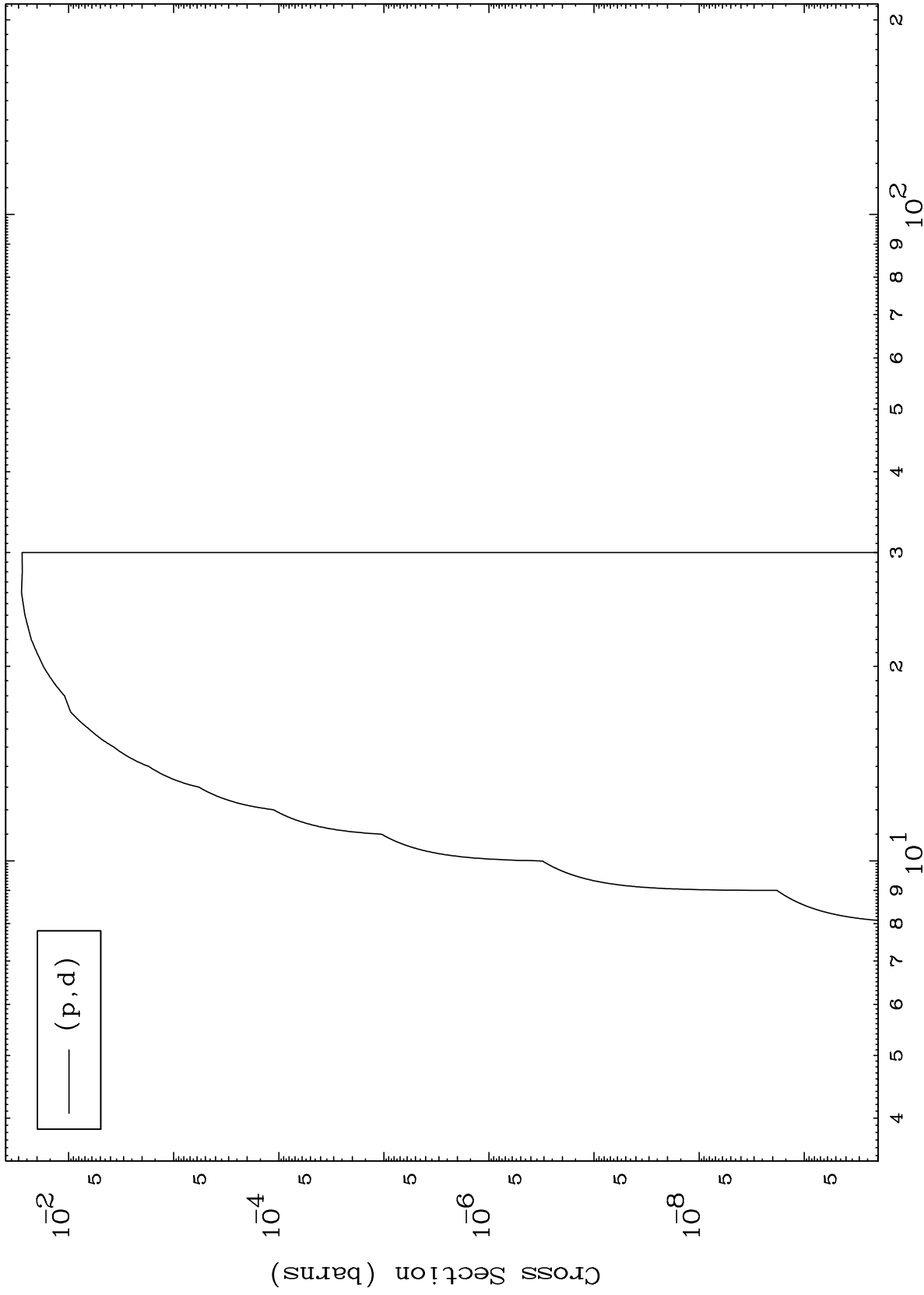
54-Xe-135



MAT 5459

(p,d) Levels  
0 Kelvin Cross Sections

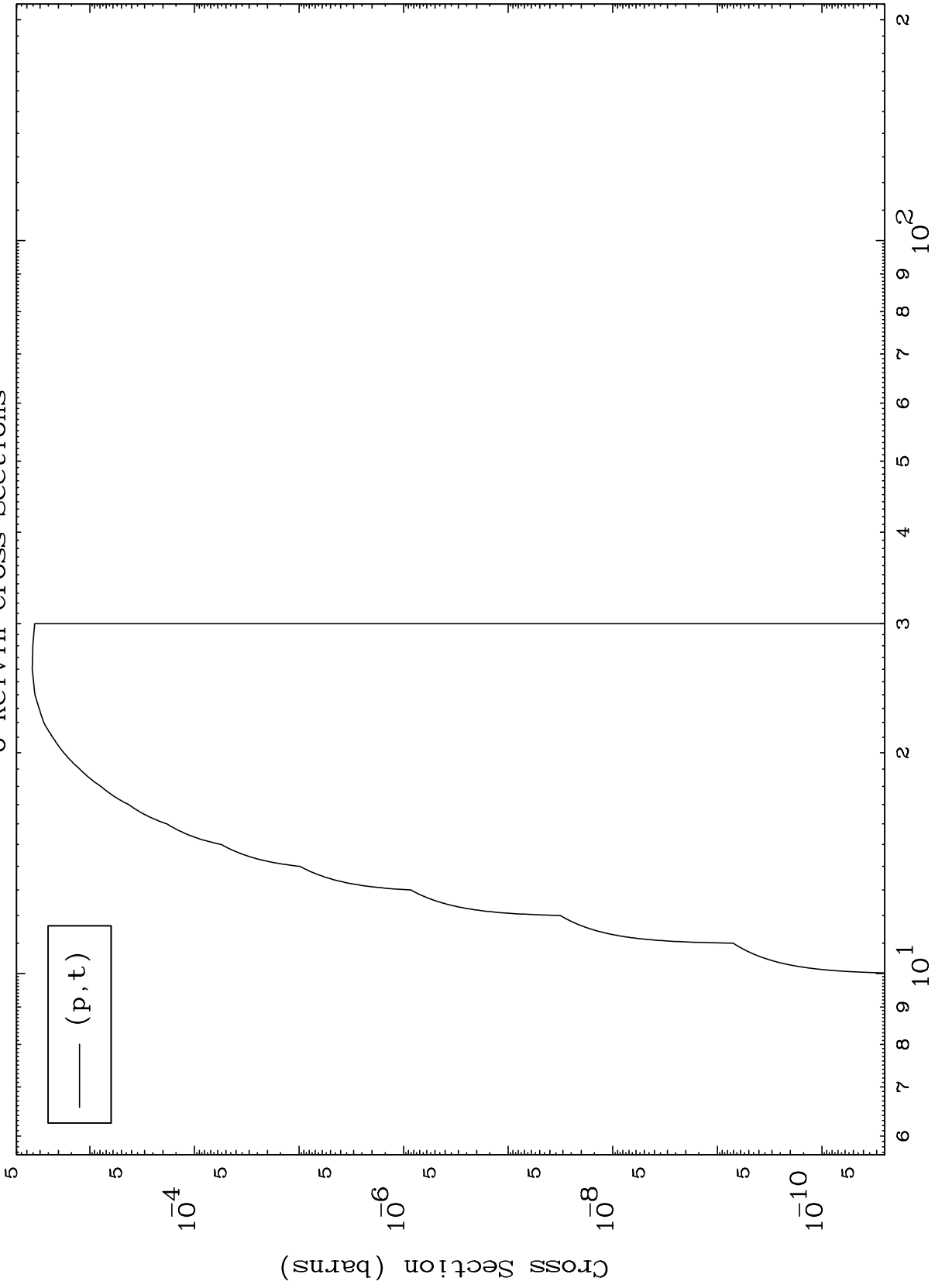
54-Xe-135



MAT 5459

(p,t) Levels  
0 Kelvin Cross Sections

54-Xe-135



9

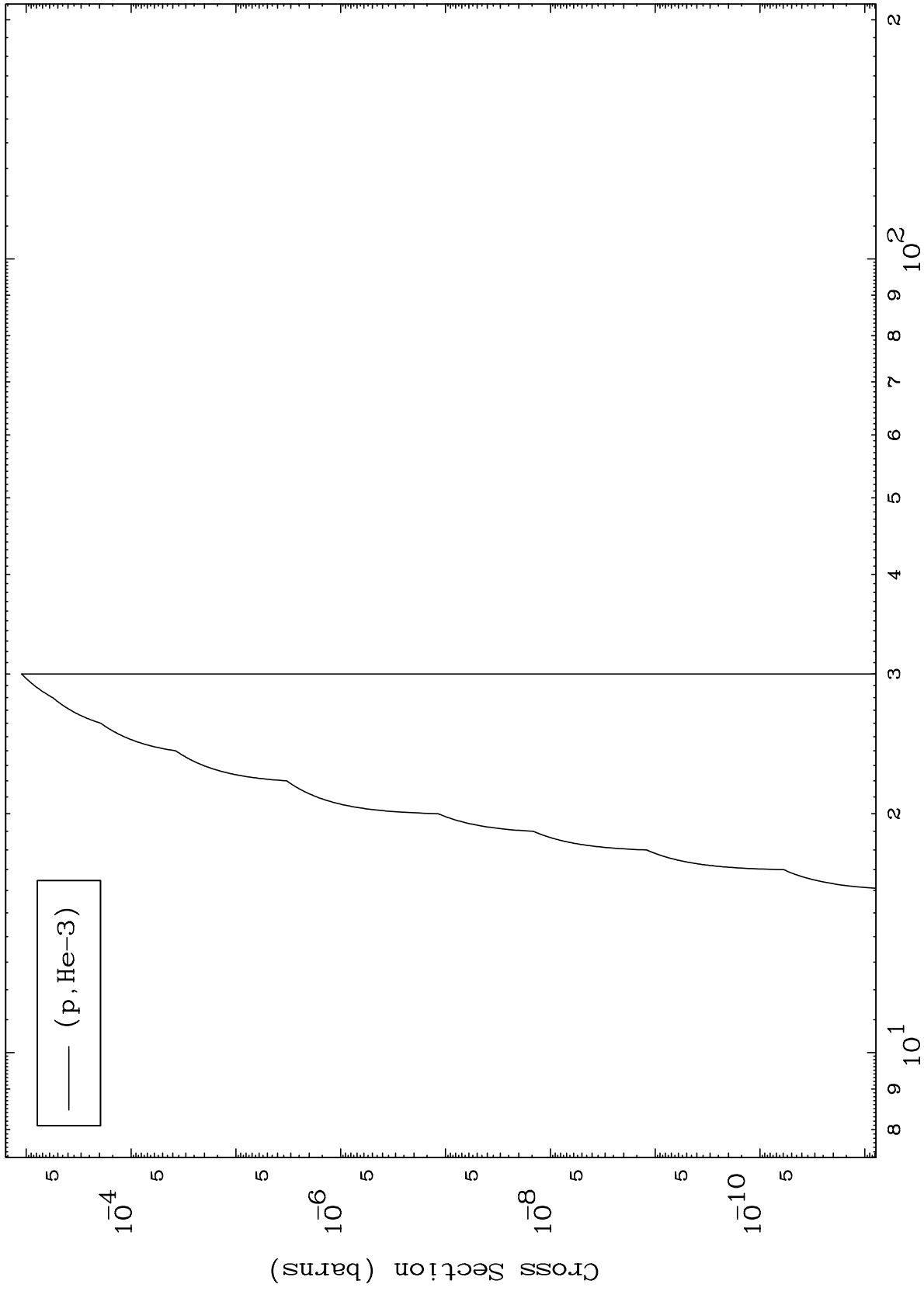
Incident Energy (MeV)

54-Xe-135

MAT 5459

(p,He3) Levels  
0 Kelvin Cross Sections

54-Xe-135



10

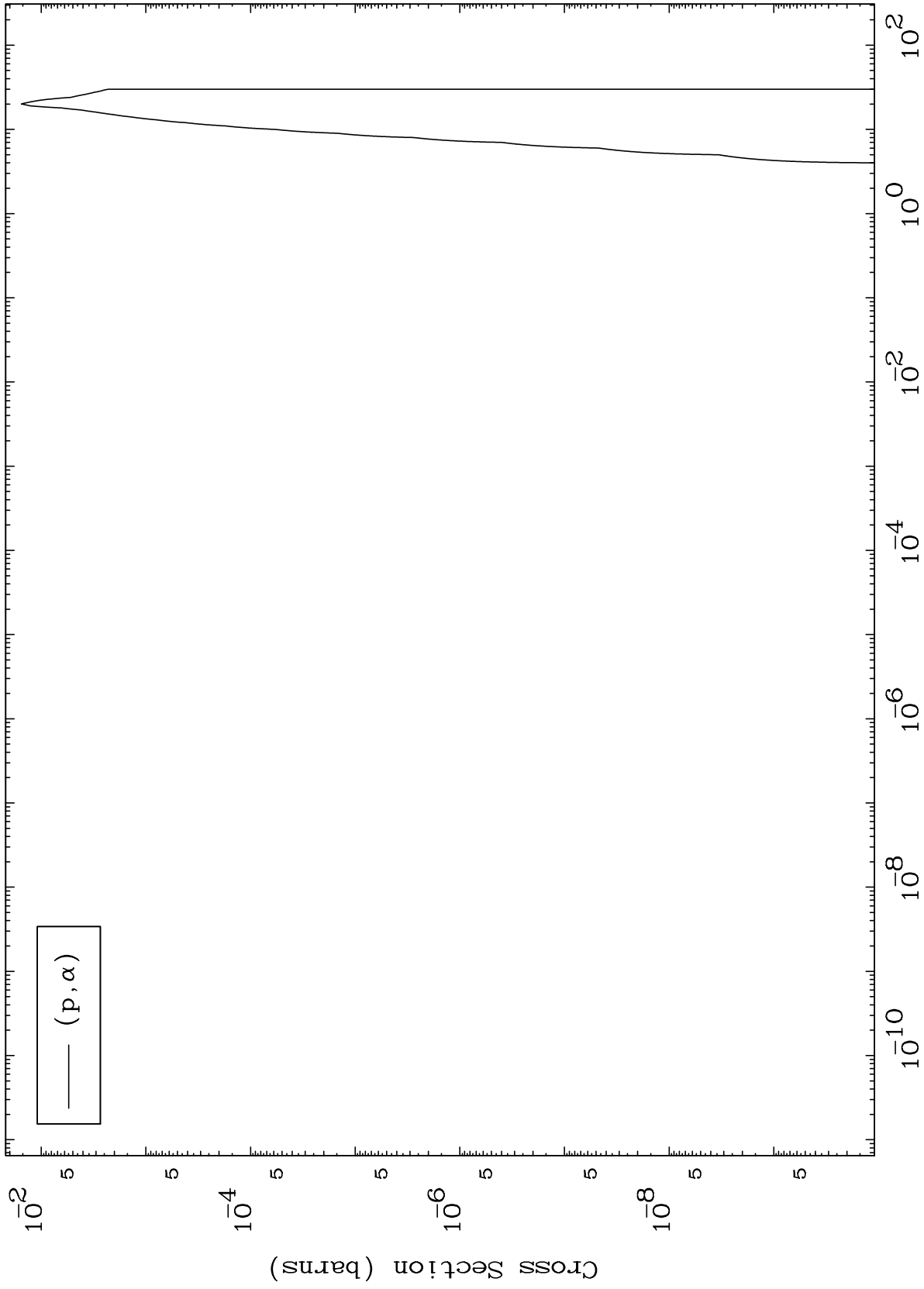
Incident Energy (MeV)

54-Xe-135

MAT 5459

(p,α) Levels  
0 Kelvin Cross Sections

54-Xe-135



11

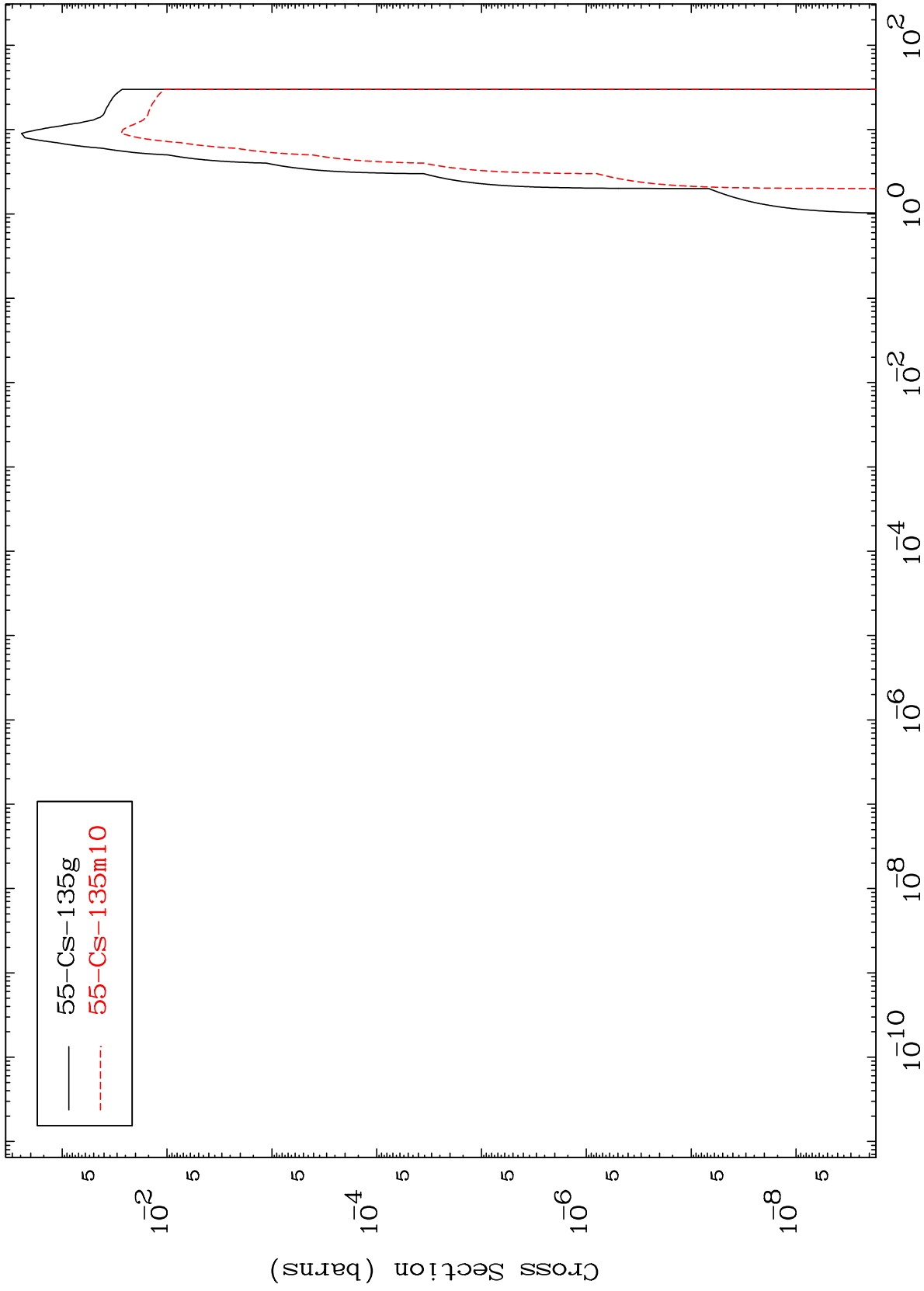
Incident Energy (MeV)

54-Xe-135

MAT 5459

Proton Inelastic  
Radionuclide Production Cross Section

54-Xe-135



12

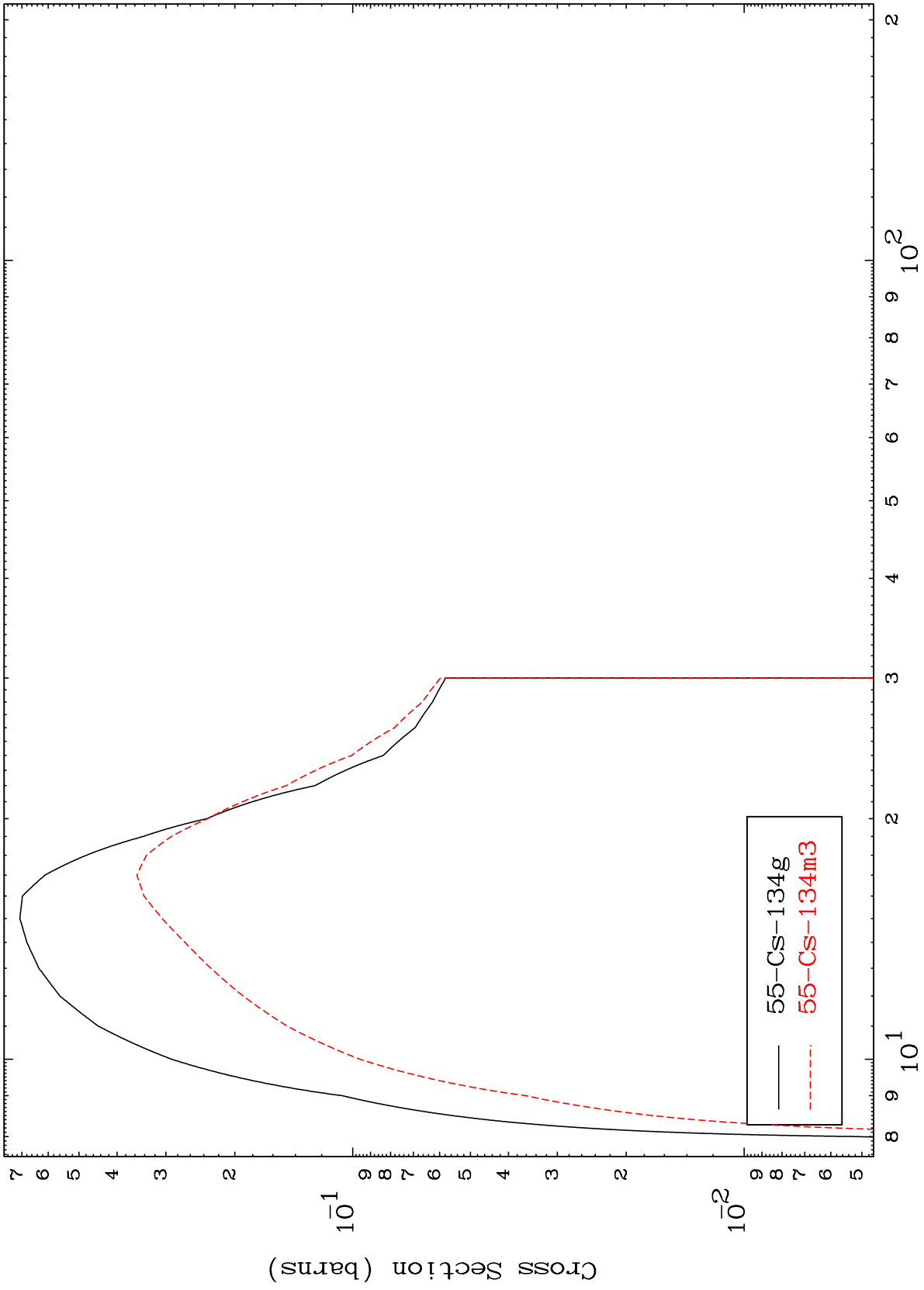
Incident Energy (MeV)

54-Xe-135

MAT 5459

54-Xe-135

(p,2n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

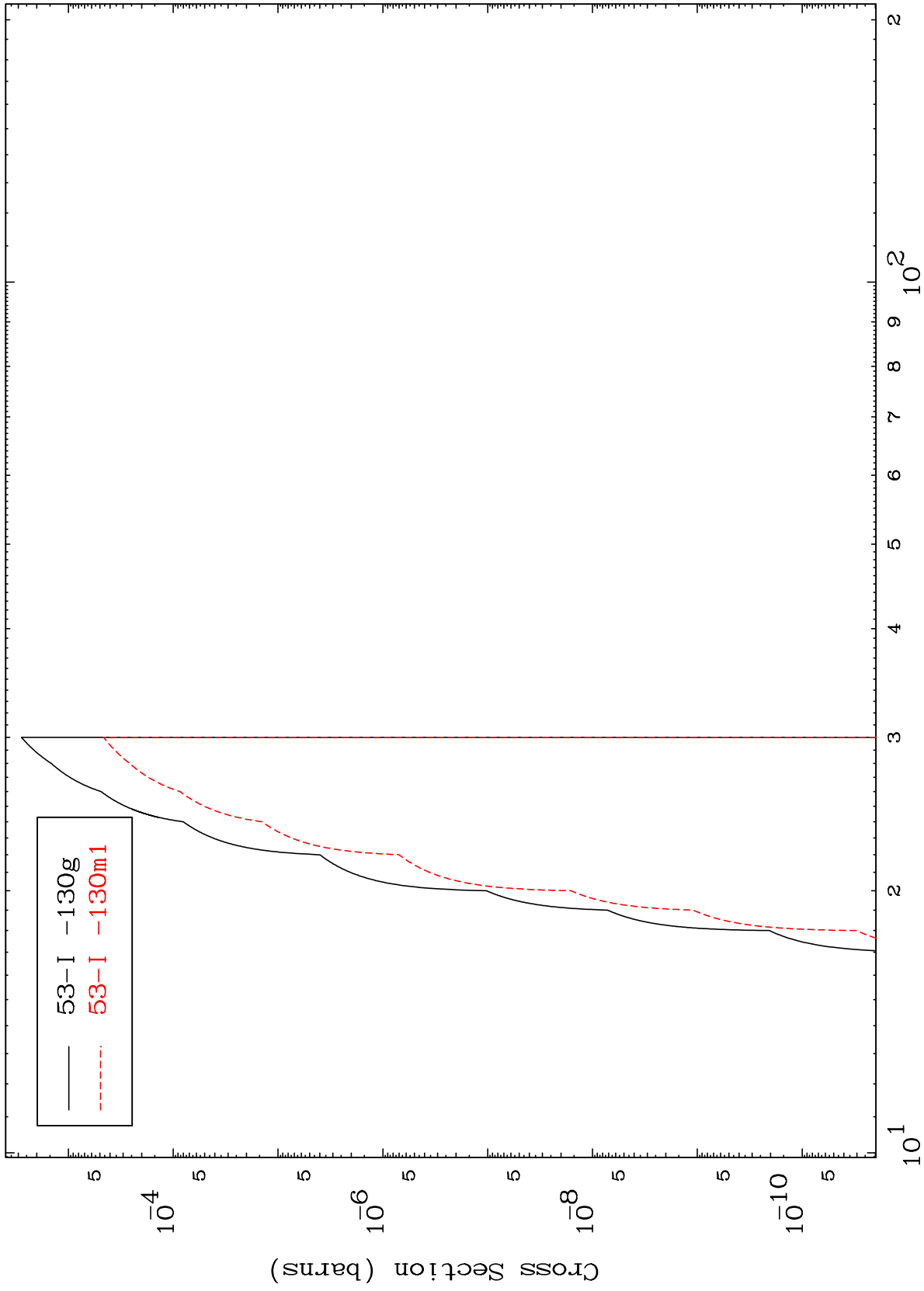
54-Xe-135

MAT 5459

(p,2n)  $\alpha$

54-Xe-135

Radionuclide Production Cross Section



14

Incident Energy (MeV)

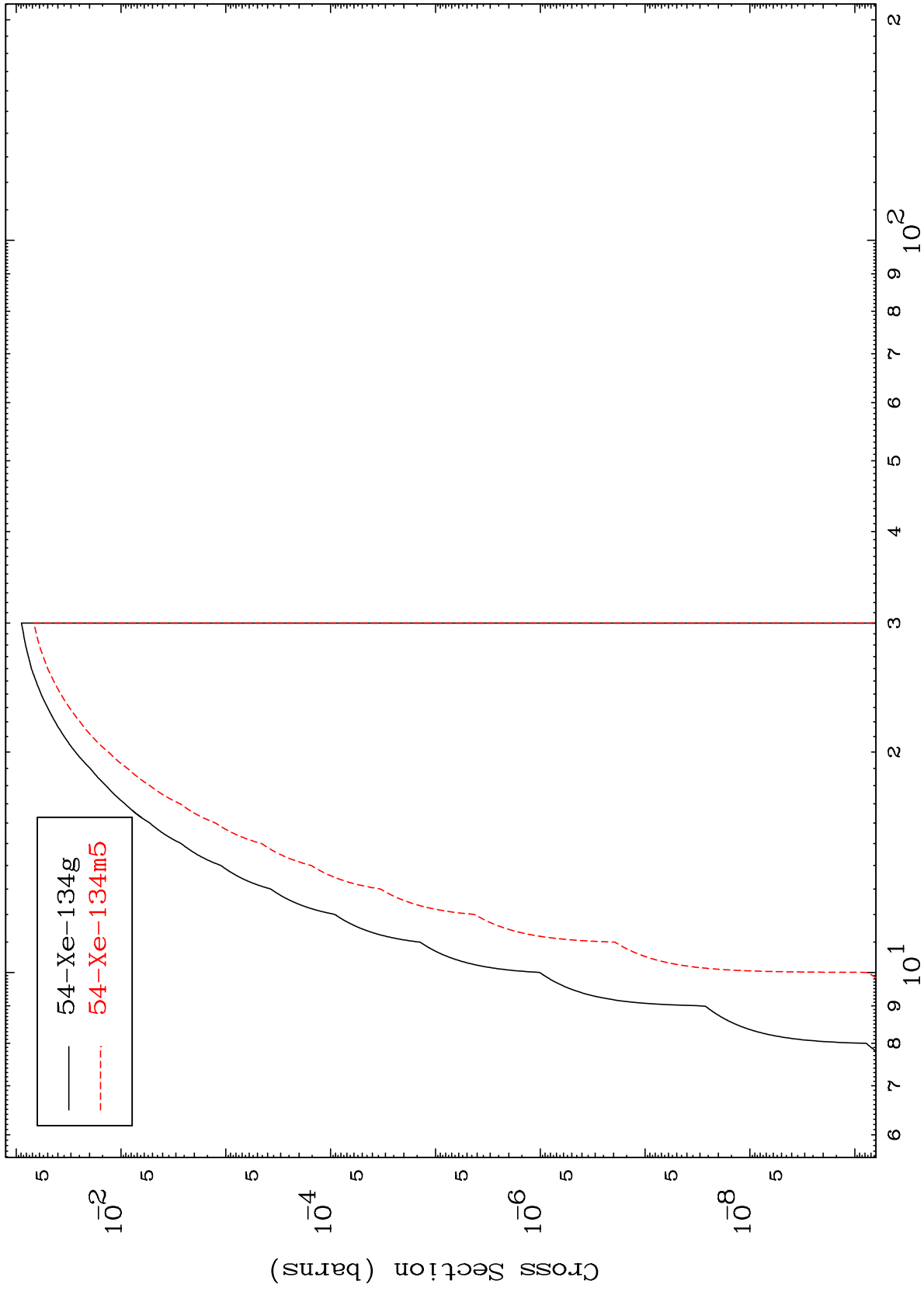
54-Xe-135

MAT 5459

(p,n') p

54-Xe-135

Radionuclide Production Cross Section



15

Incident Energy (MeV)

54-Xe-135

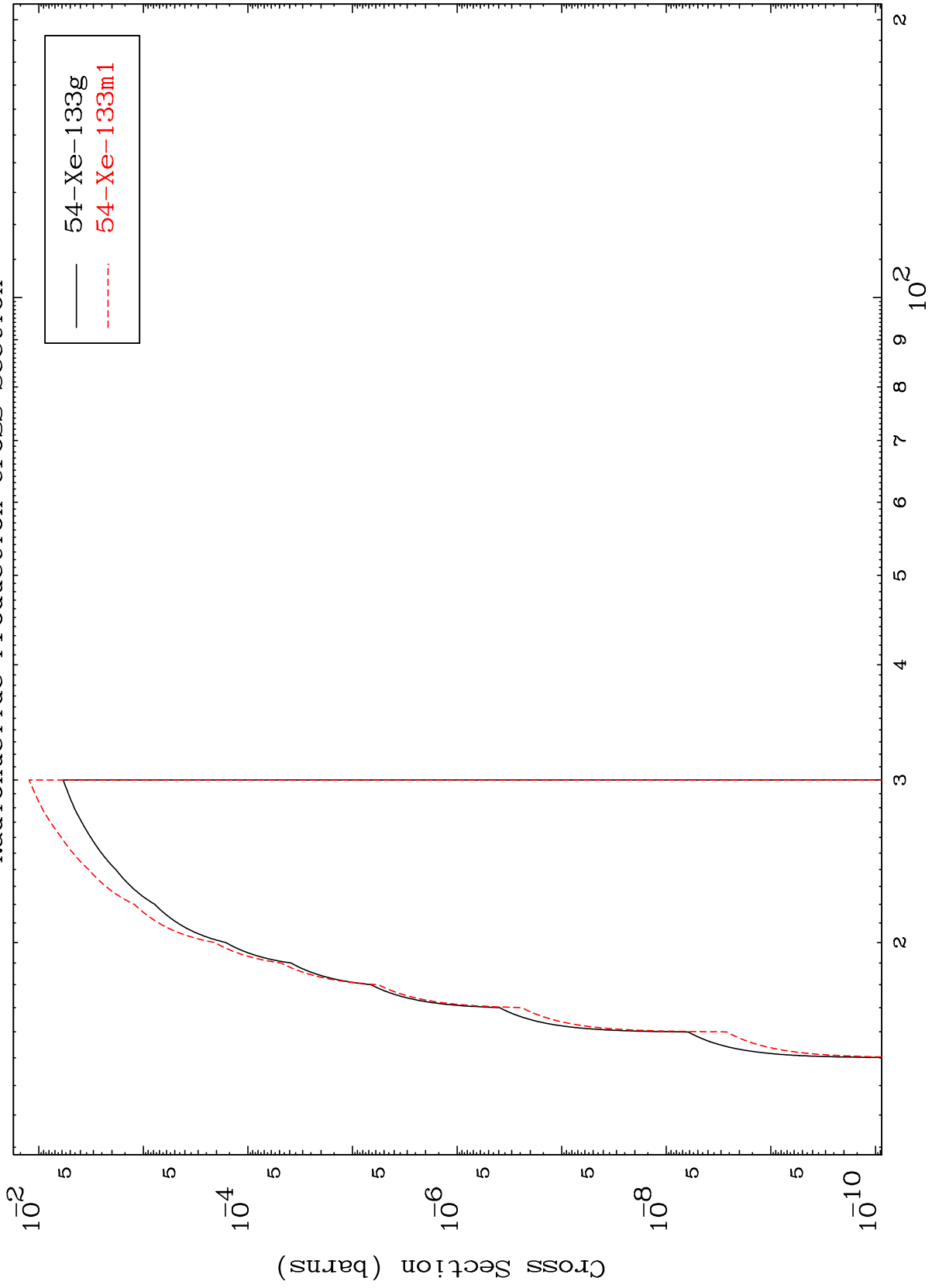


MAT 5459

(p,n') d

54-Xe-135

Radionuclide Production Cross Section



16

Incident Energy (MeV)

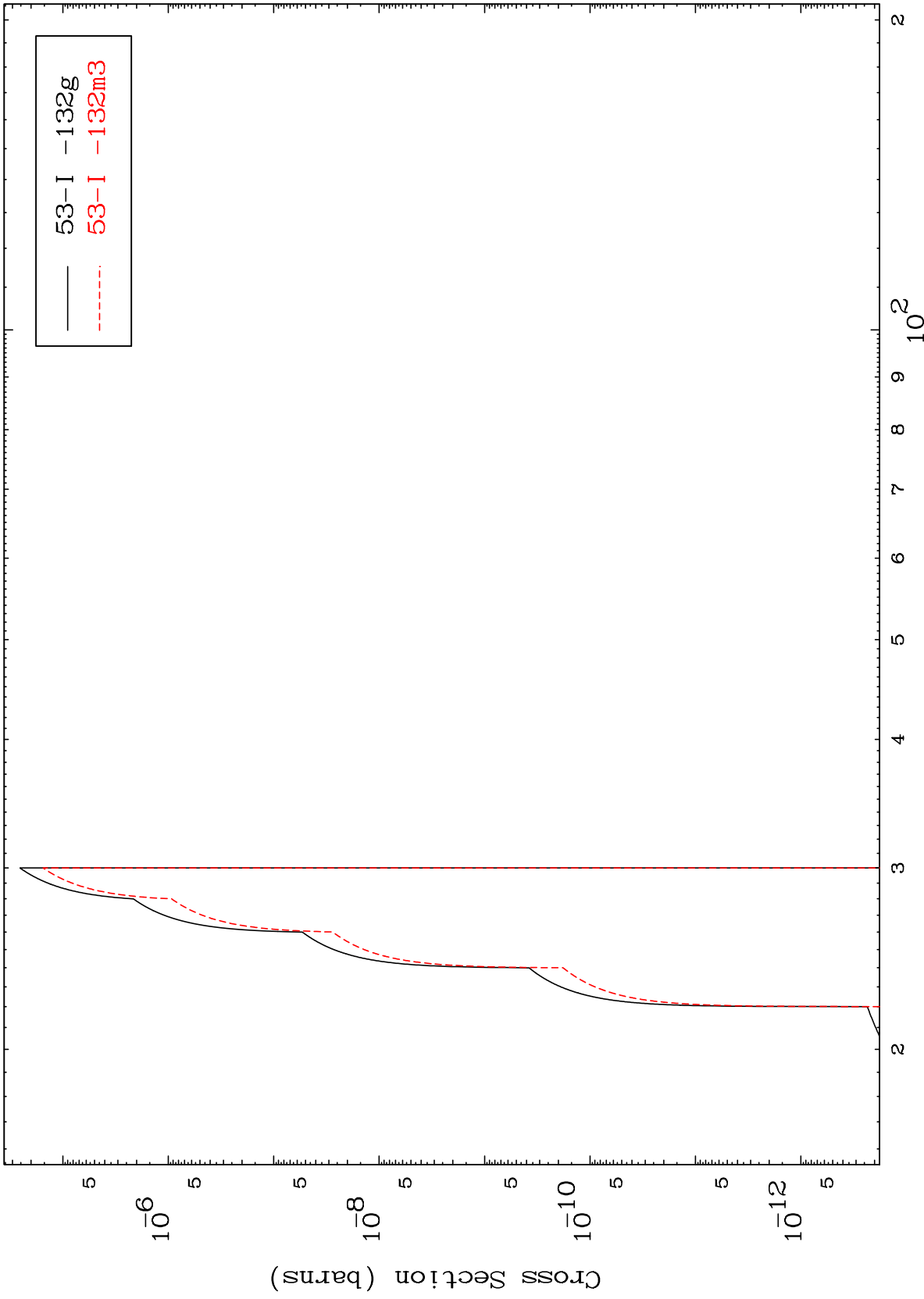
54-Xe-135

MAT 5459

(p,n') He-3

54-Xe-135

Radionuclide Production Cross Section



17

Incident Energy (MeV)

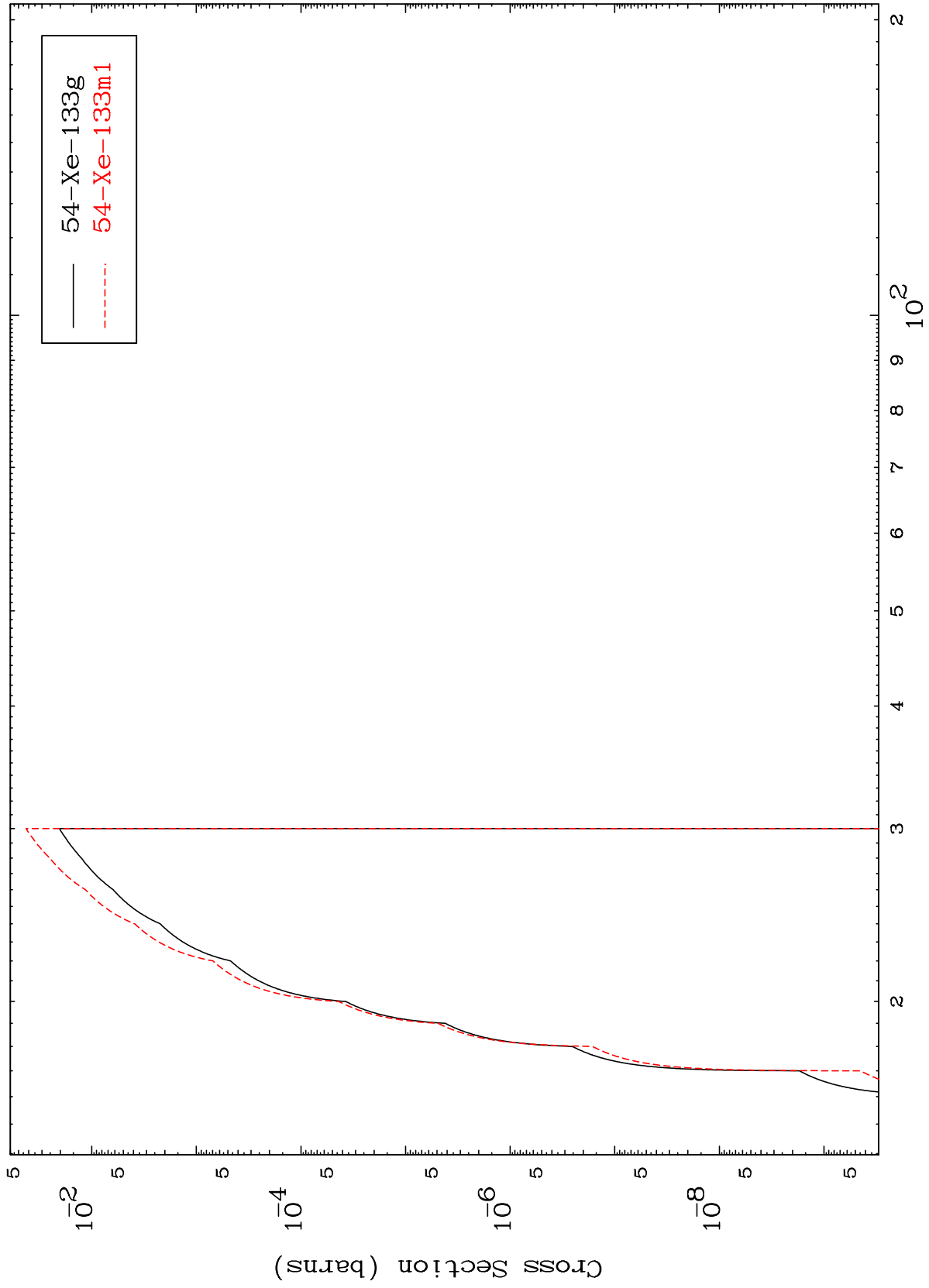
54-Xe-135

MAT 5459

(p,2n) p

<sup>54</sup>Xe-135

Radionuclide Production Cross Section



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

18

Incident Energy (MeV)

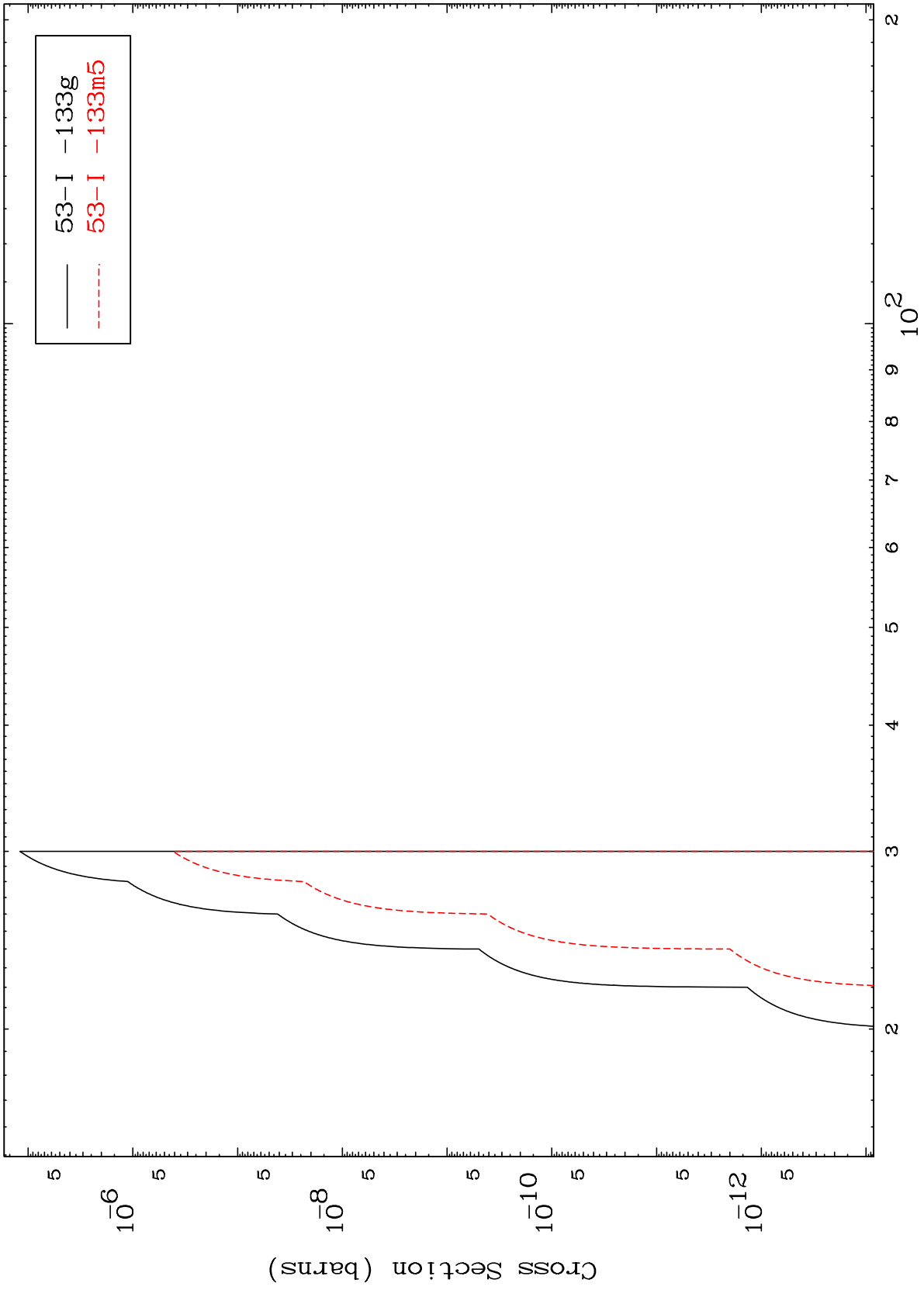
<sup>54</sup>Xe-135

MAT 5459

(p,2n) p

54-Xe-135

Radionuclide Production Cross Section



19

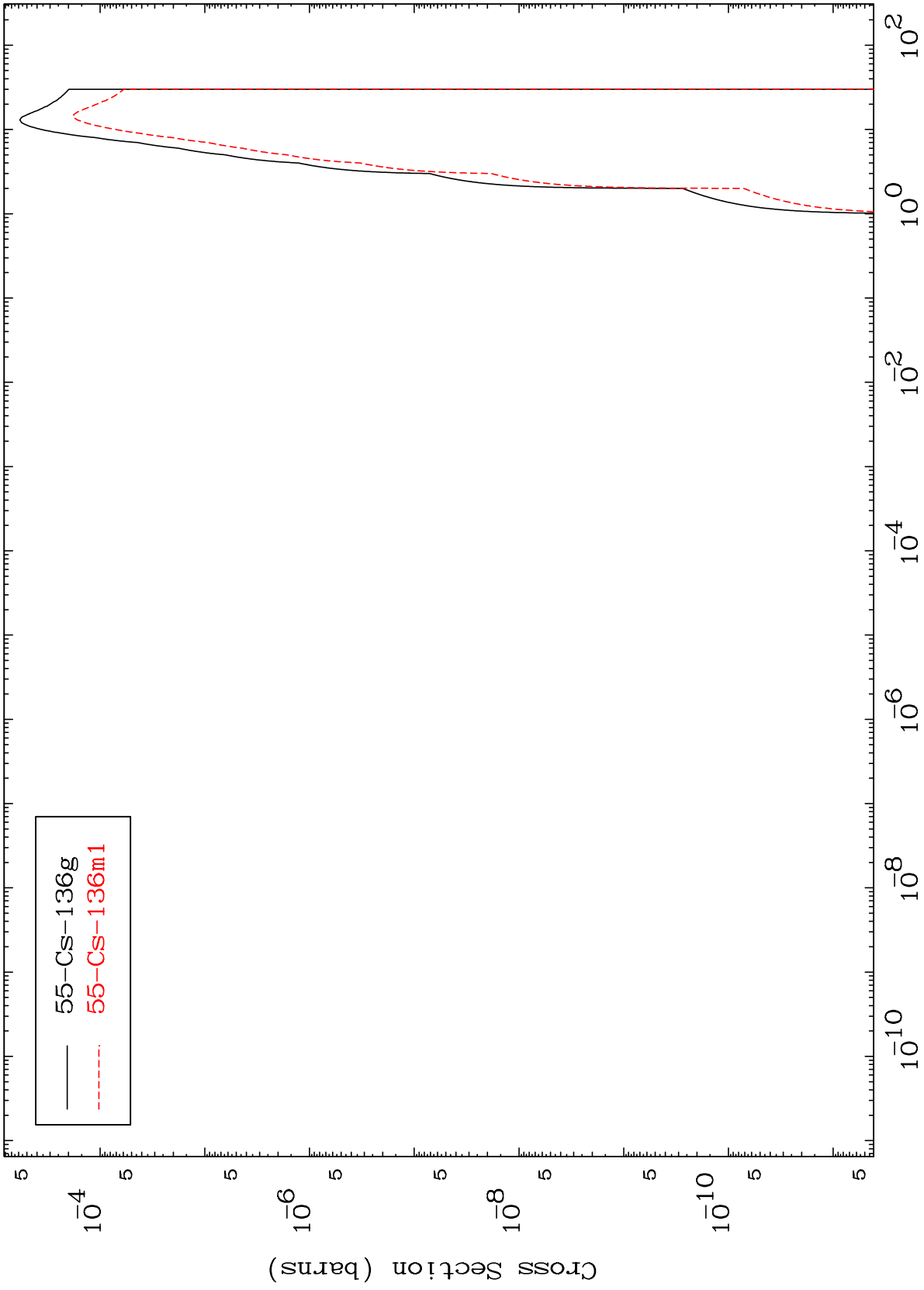
Incident Energy (MeV)

54-Xe-135

MAT 5459

Radionuclide Production Cross Section  
(p,γ)

54-Xe-135



20

Incident Energy (MeV)

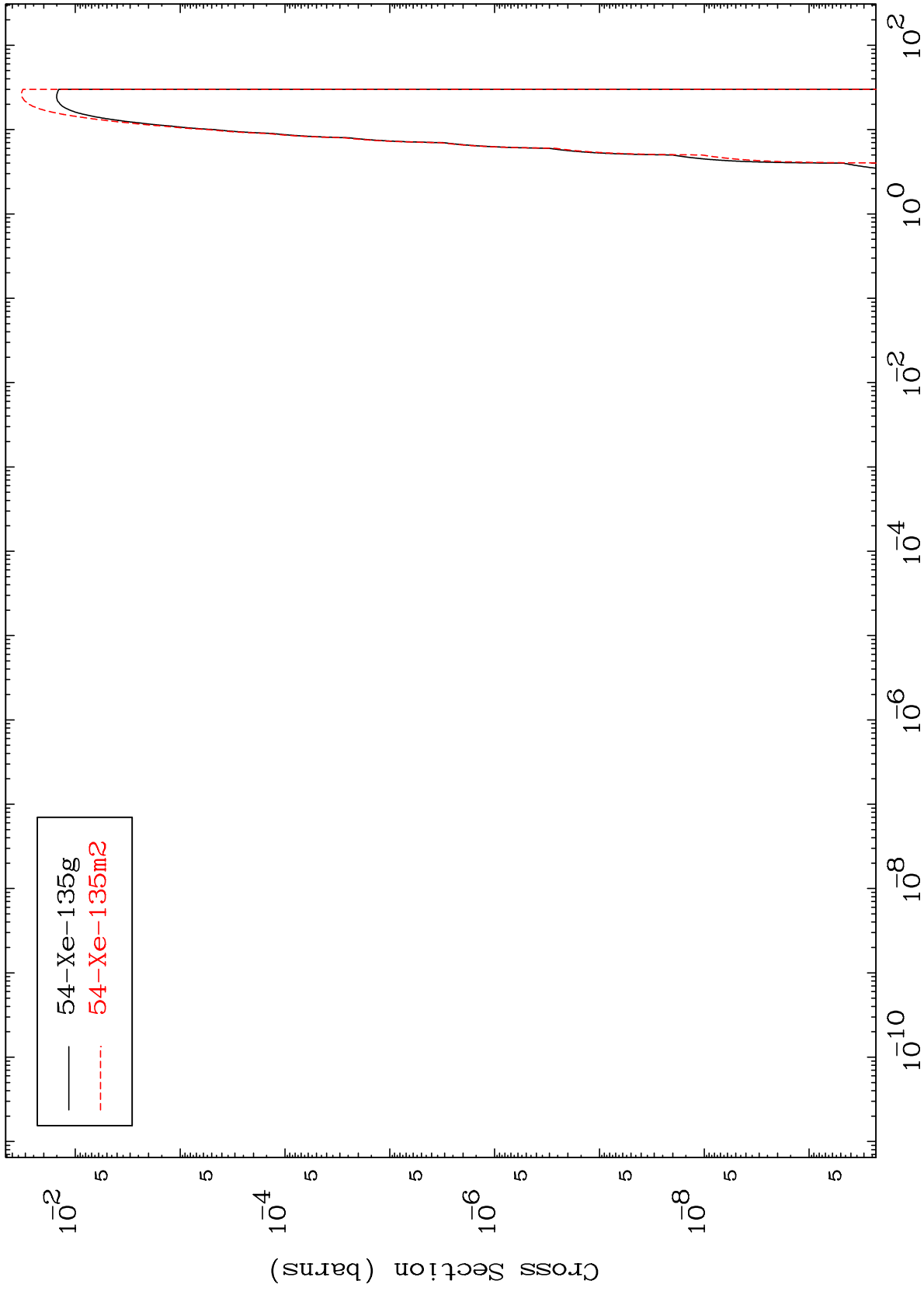
54-Xe-135

MAT 5459

(p,p)

54-Xe-135

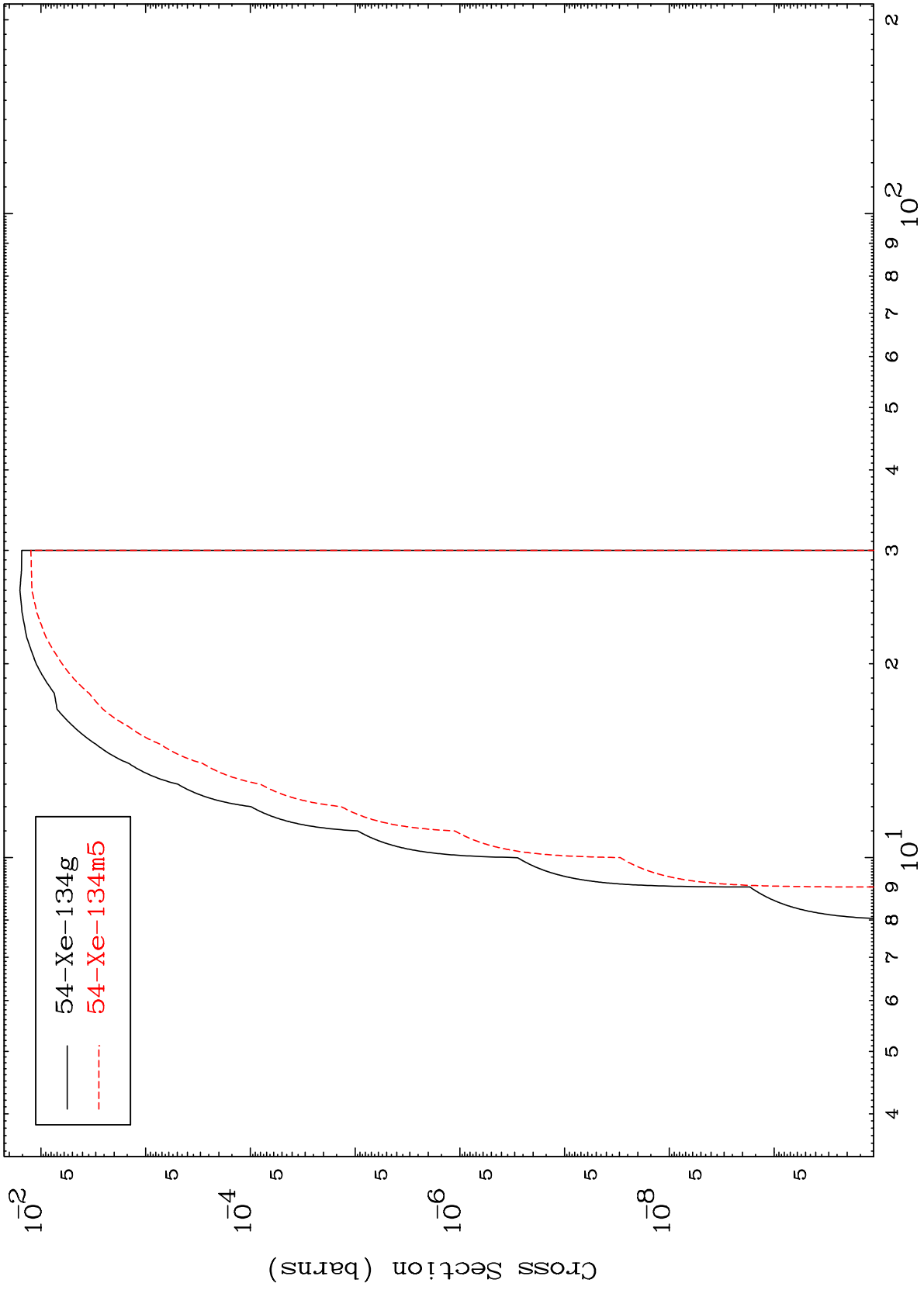
Radionuclide Production Cross Section



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54-Xe-135

(p,d)  
Radionuclide Production Cross Section



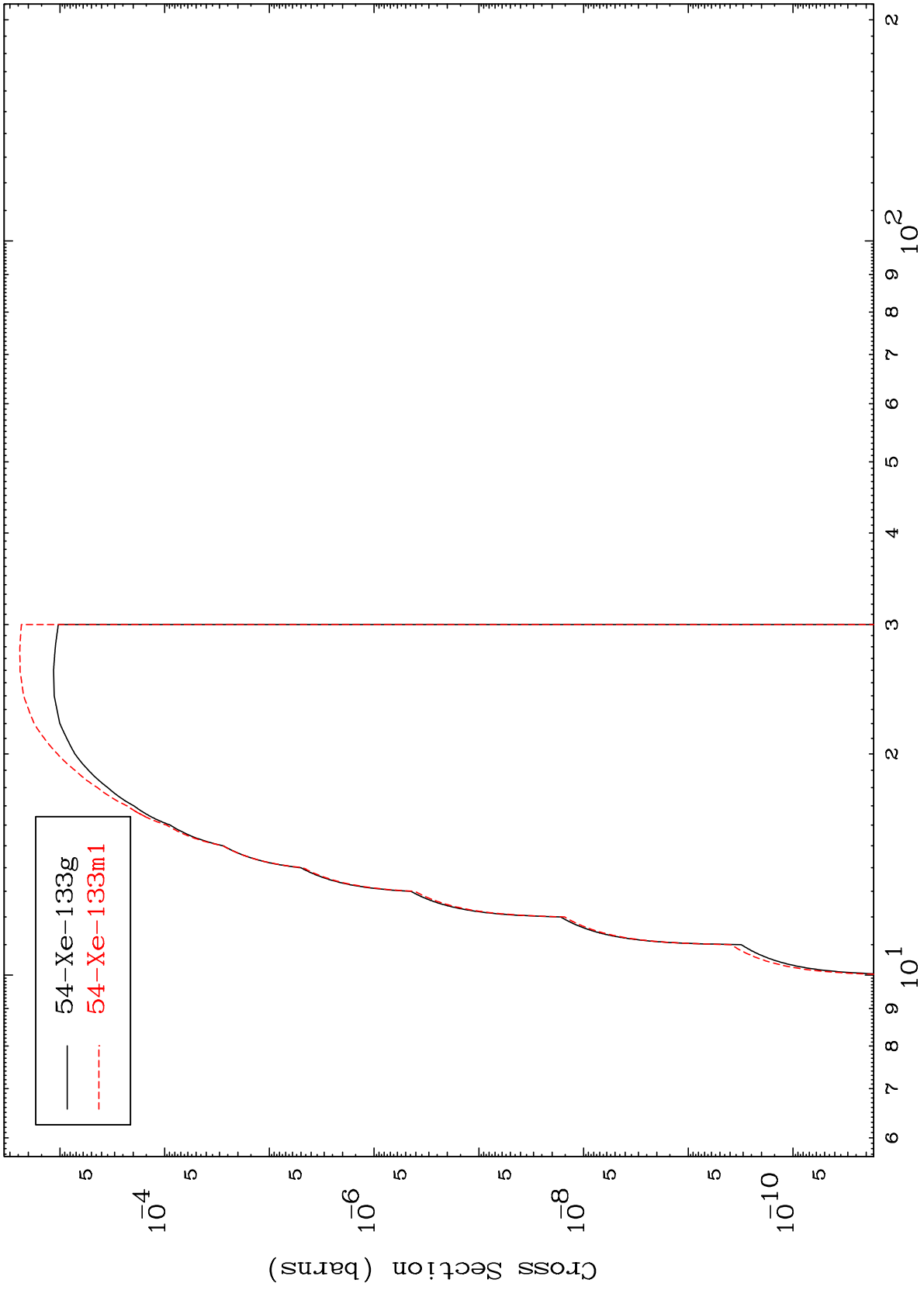
22

54-Xe-135

MAT 5459

54-Xe-135

Radionuclide Production Cross Section  
(p, t)



23

54-Xe-135

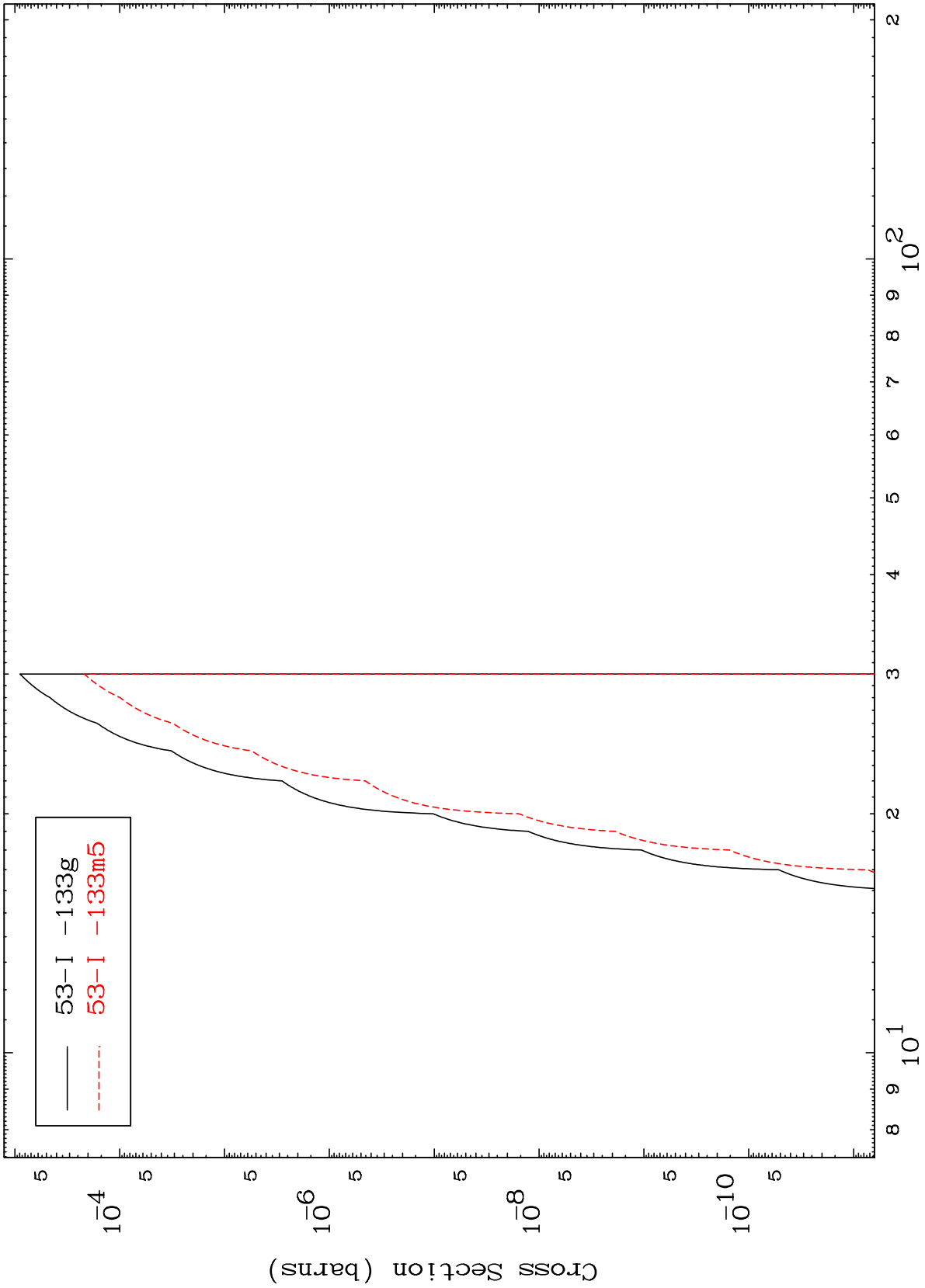


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(p,He-3)

54-Xe-135

Radionuclide Production Cross Section



24

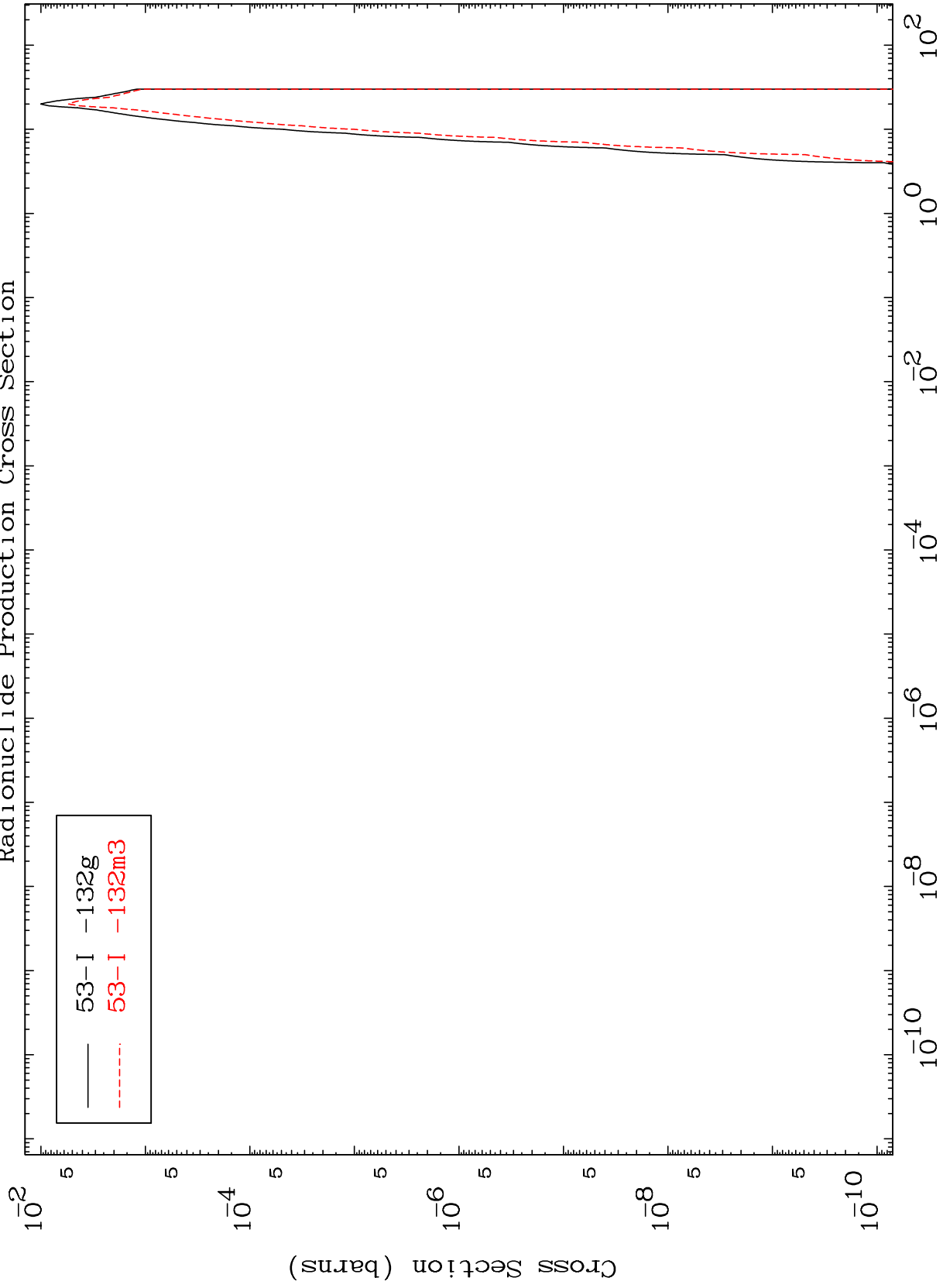
Incident Energy (MeV)

54-Xe-135

MAT 5459

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

54-Xe-135



25

Incident Energy (MeV)

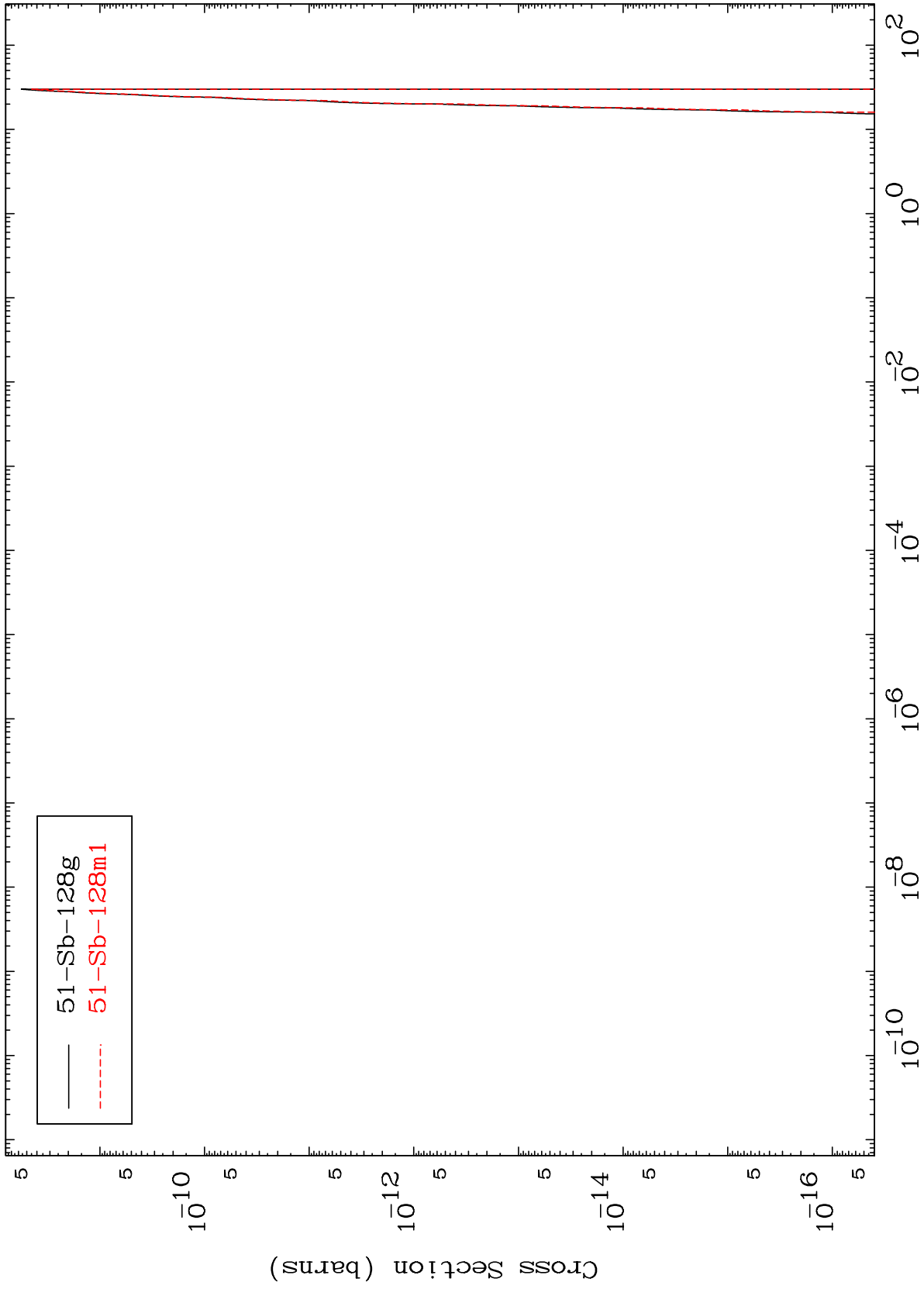
54-Xe-135

MAT 5459

(p,2α)

54-Xe-135

Radionuclide Production Cross Section



26

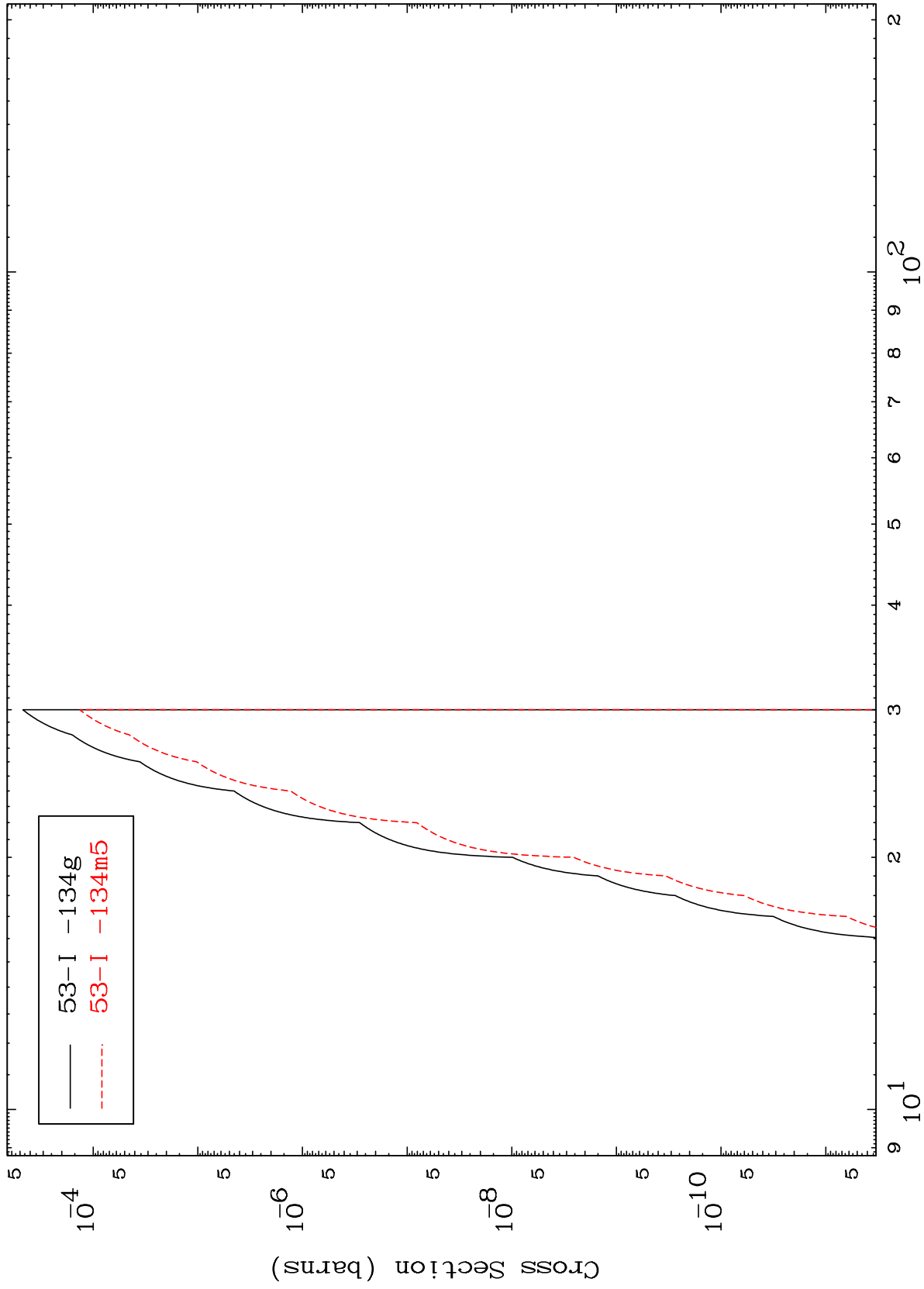
Incident Energy (MeV)

54-Xe-135

MAT 5459

Radionuclide Production Cross Section  
(p,2p)

54-Xe-135



27

Incident Energy (MeV)

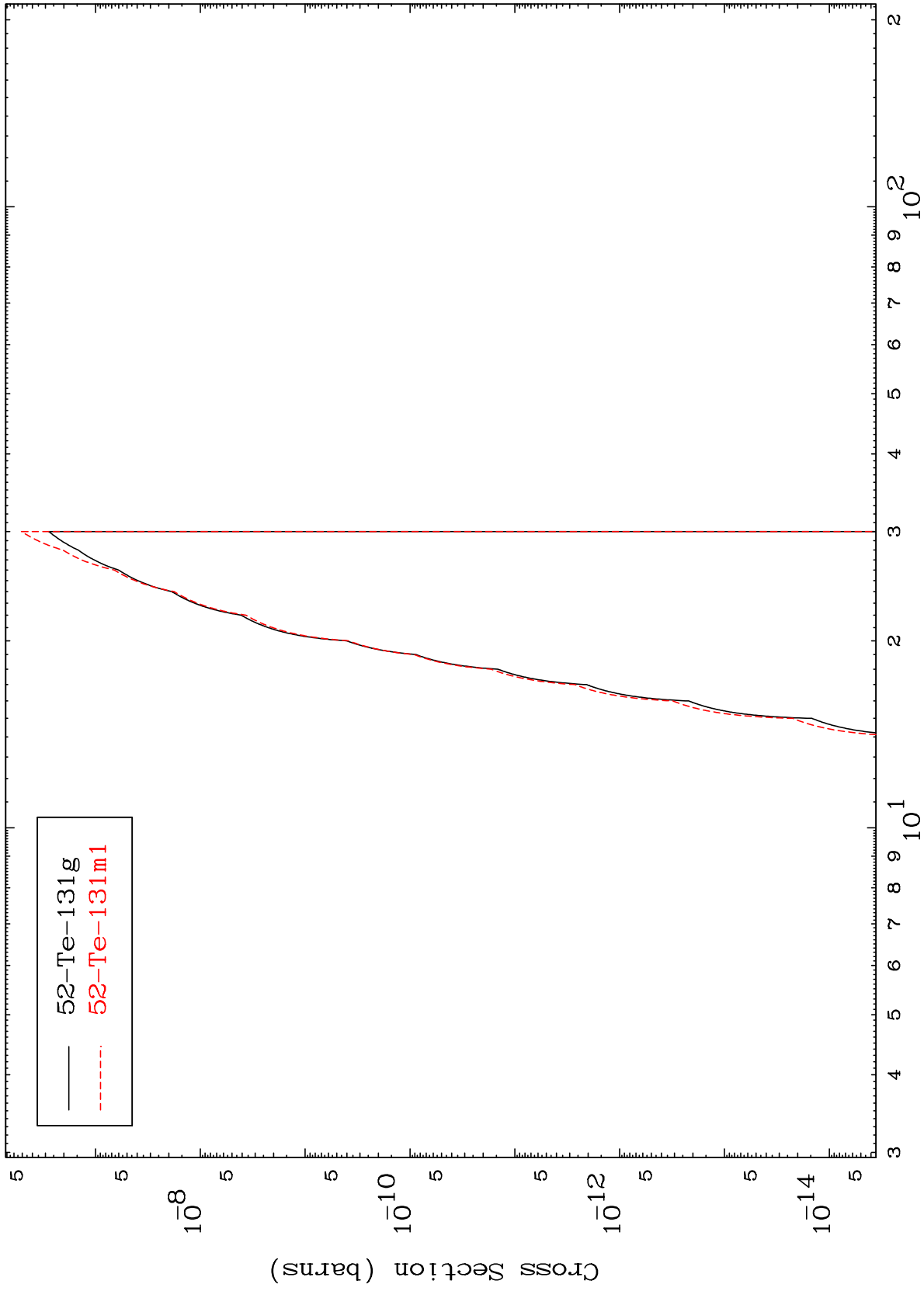
54-Xe-135

MAT 5459

(p,p)  $\alpha$

54-Xe-135

Radionuclide Production Cross Section

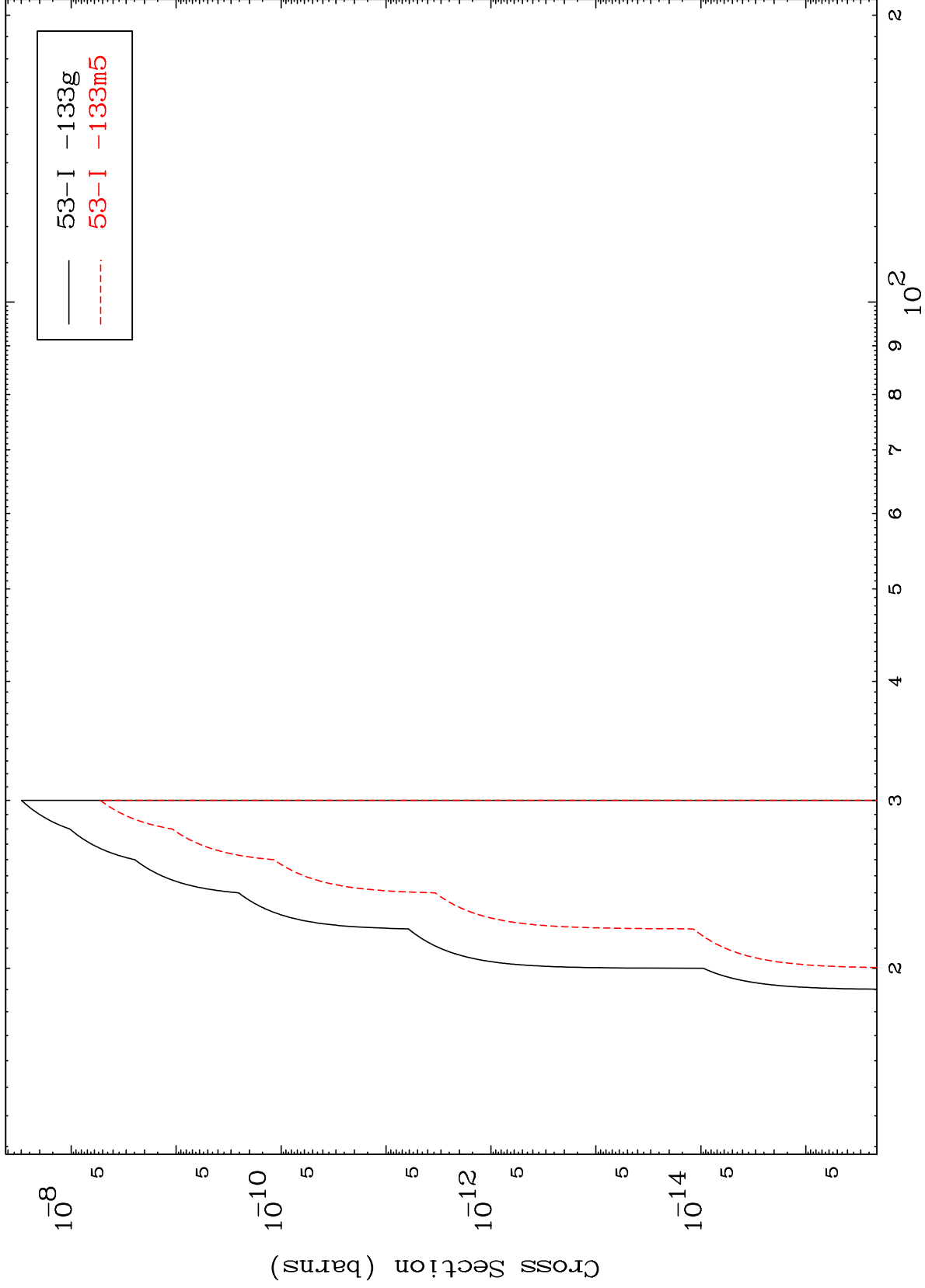


28

Incident Energy (MeV)

54-Xe-135

Radionuclide Production Cross Section

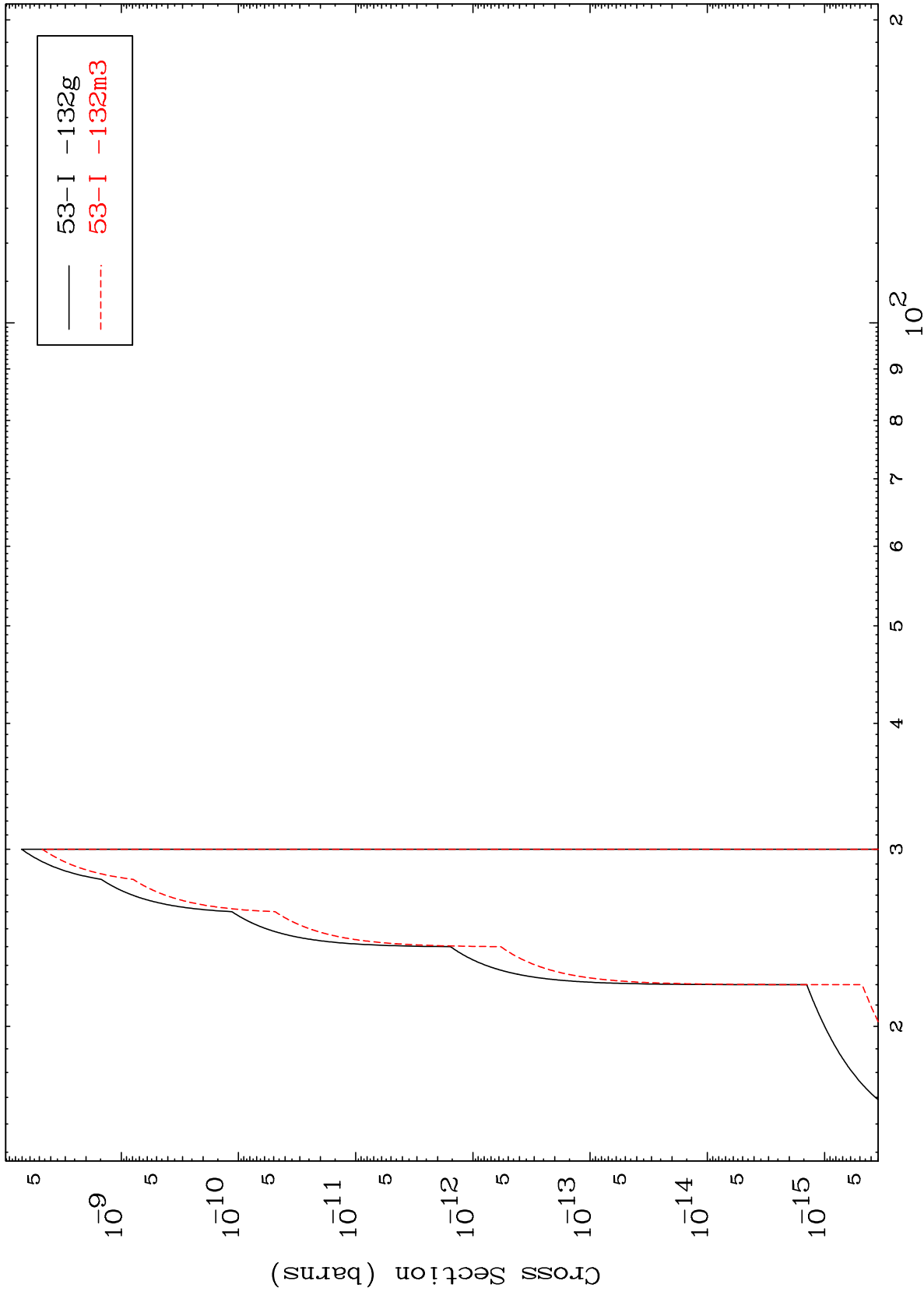


MAT 5459

(p,p) t

54-Xe-135

Radionuclide Production Cross Section



30

Incident Energy (MeV)

54-Xe-135