

Program EVALPLOT  
(Version 2021-1)

by

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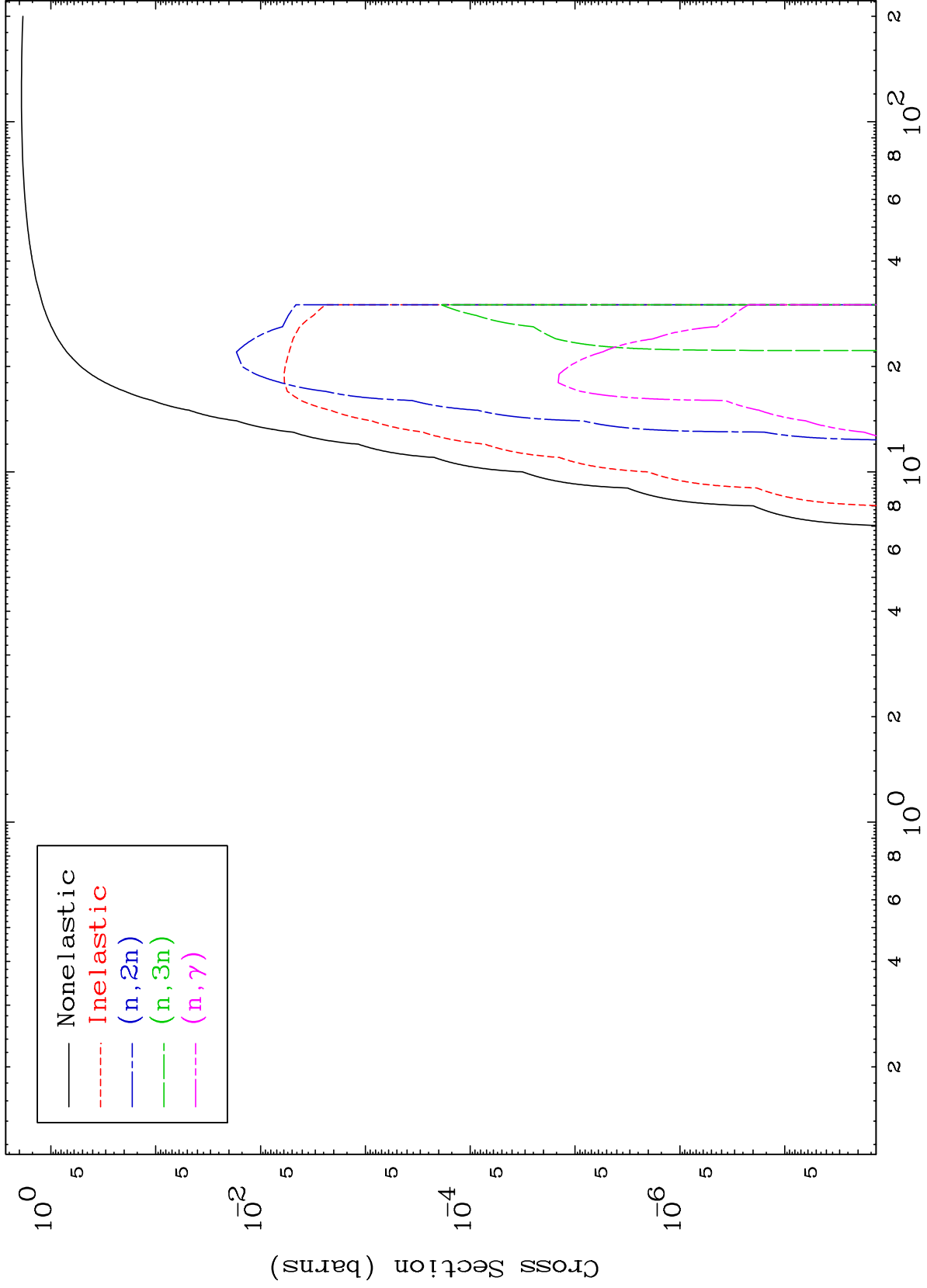
Press Mouse Button to Start

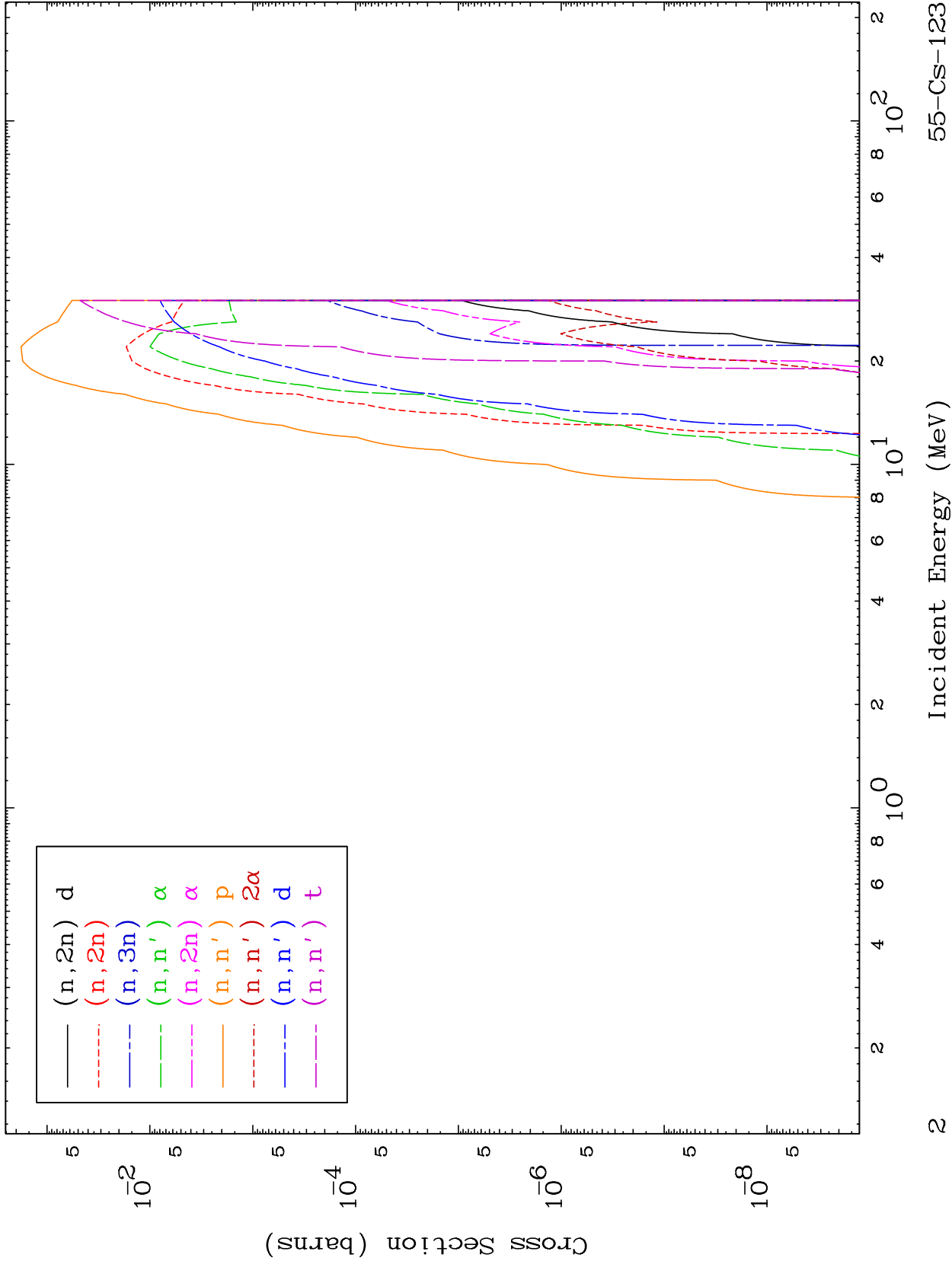
MAT 5495

He-3 Major

0 Kelvin Cross Sections

55-Cs-123

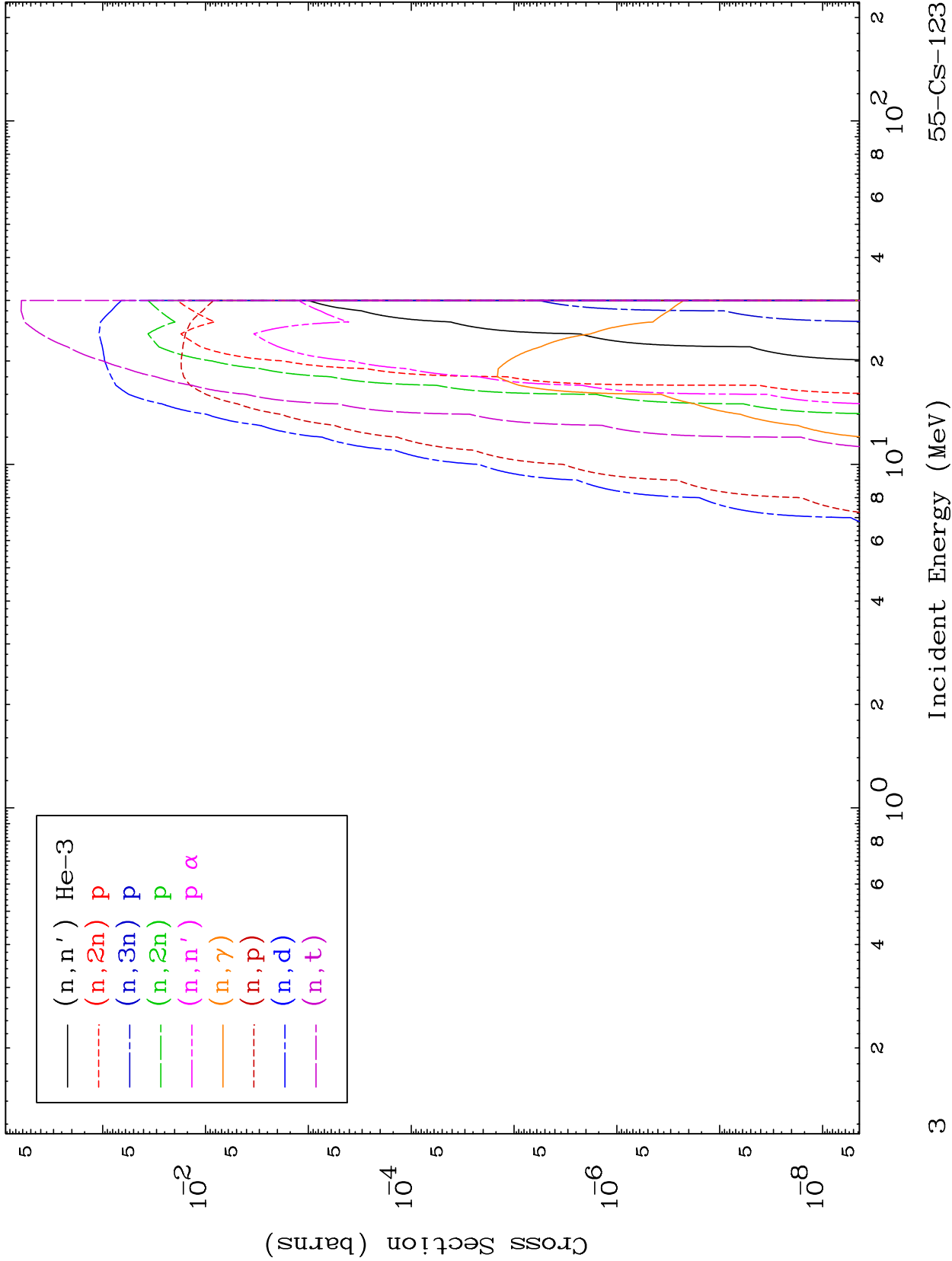




MAT 5495

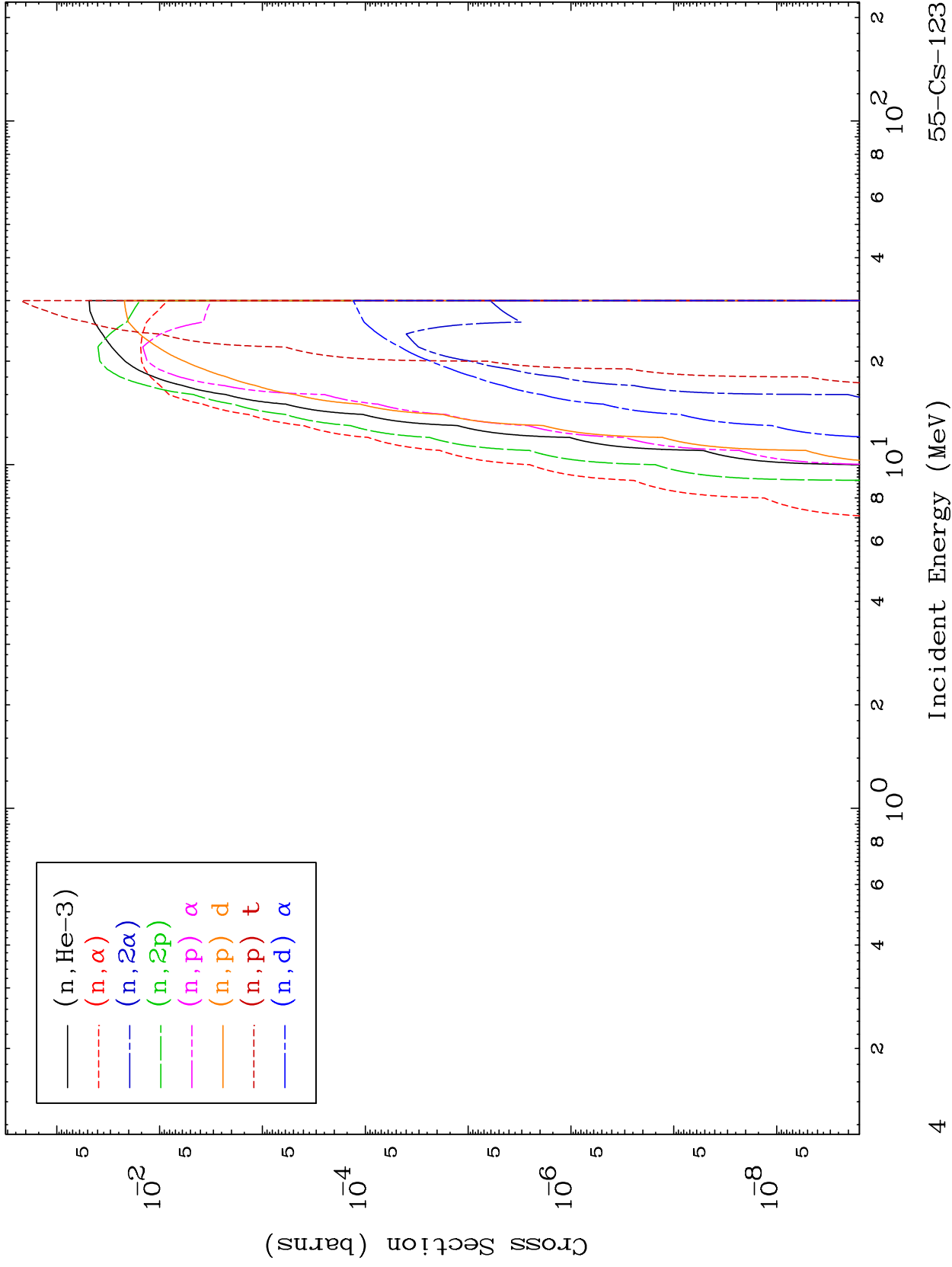
He-3 Neutron Absorption  
0 Kelvin Cross Sections

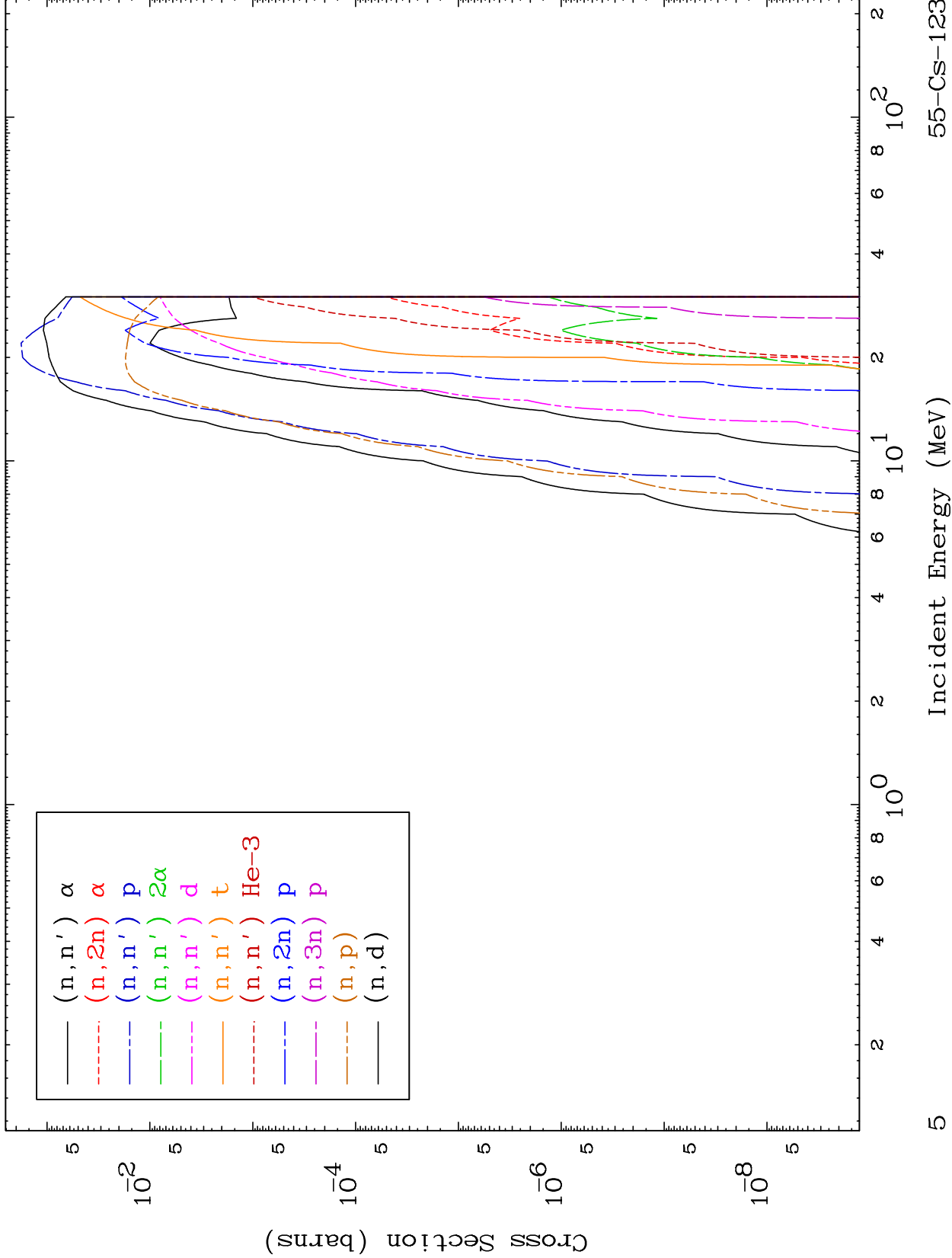
55-Cs-123



55-Cs-123

Incident Energy (MeV)

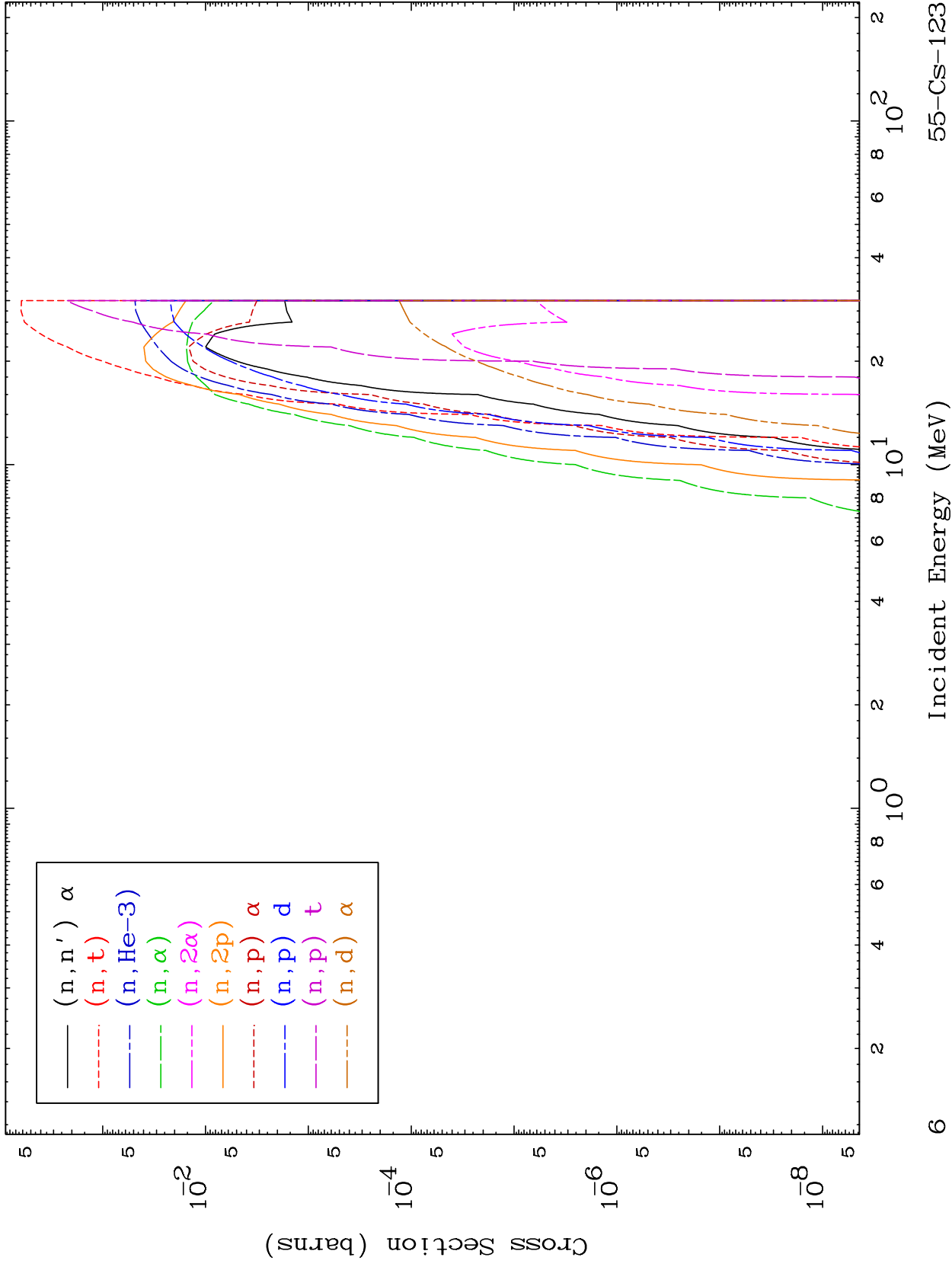




MAT 5495

He-3 Charged Particle  
0 Kelvin Cross Sections

55-Cs-123



6

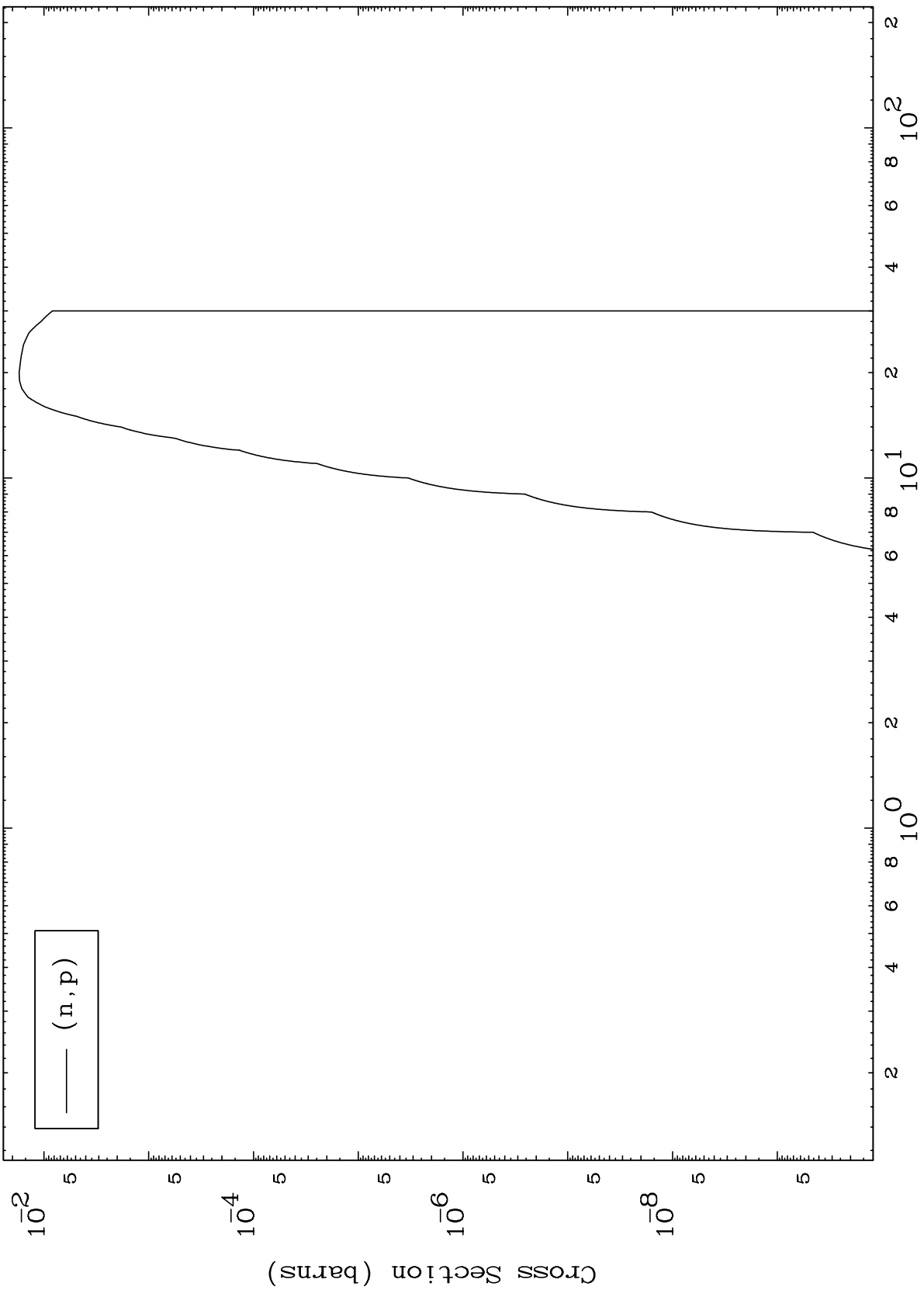
55-Cs-123

MAT 5495

(He-3,p) Levels

55-Cs-123

0 Kelvin Cross Sections

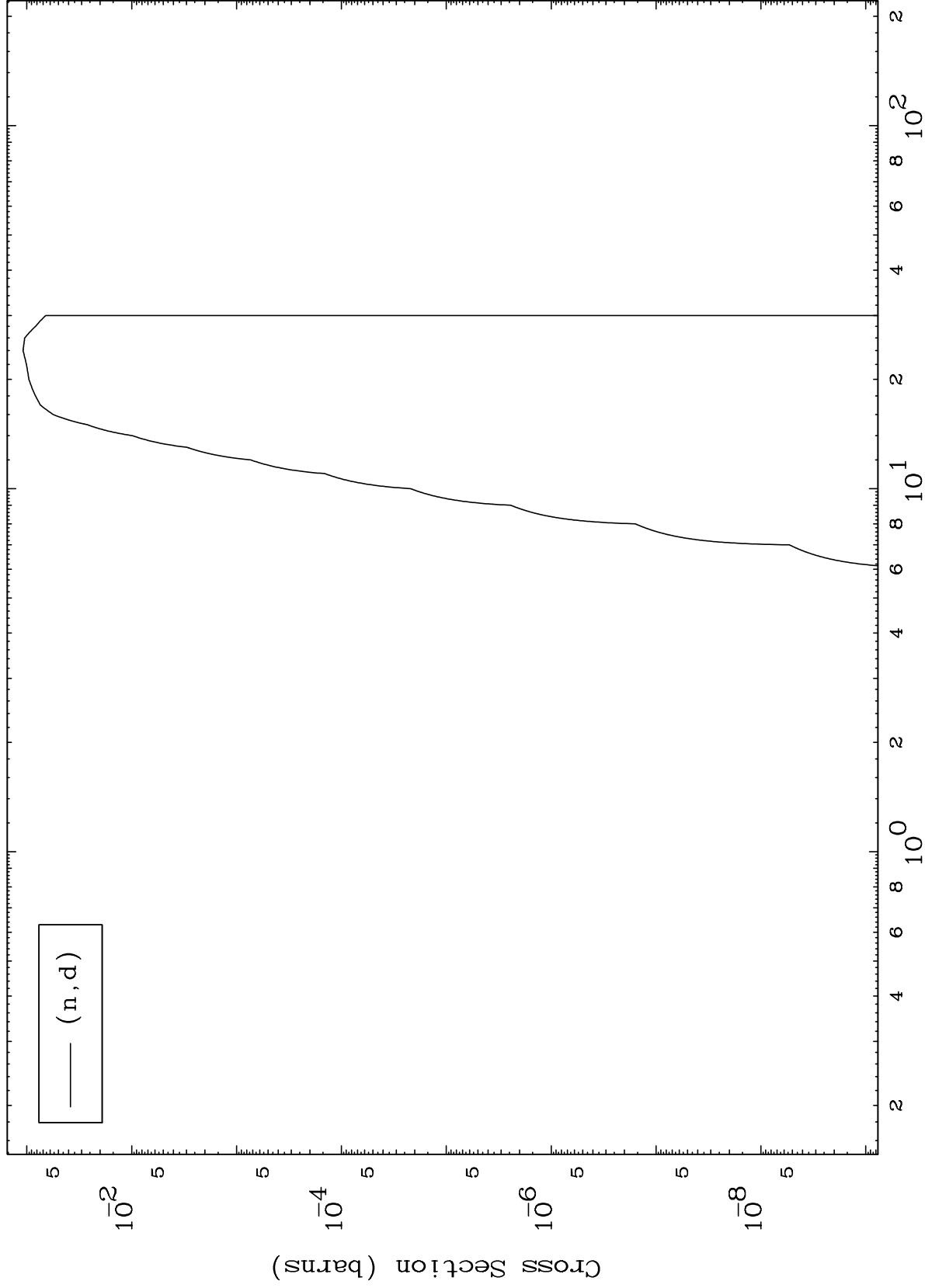


MAT 5495

(He-3,d) Levels

55-Cs-123

0 Kelvin Cross Sections



8

Incident Energy (MeV)

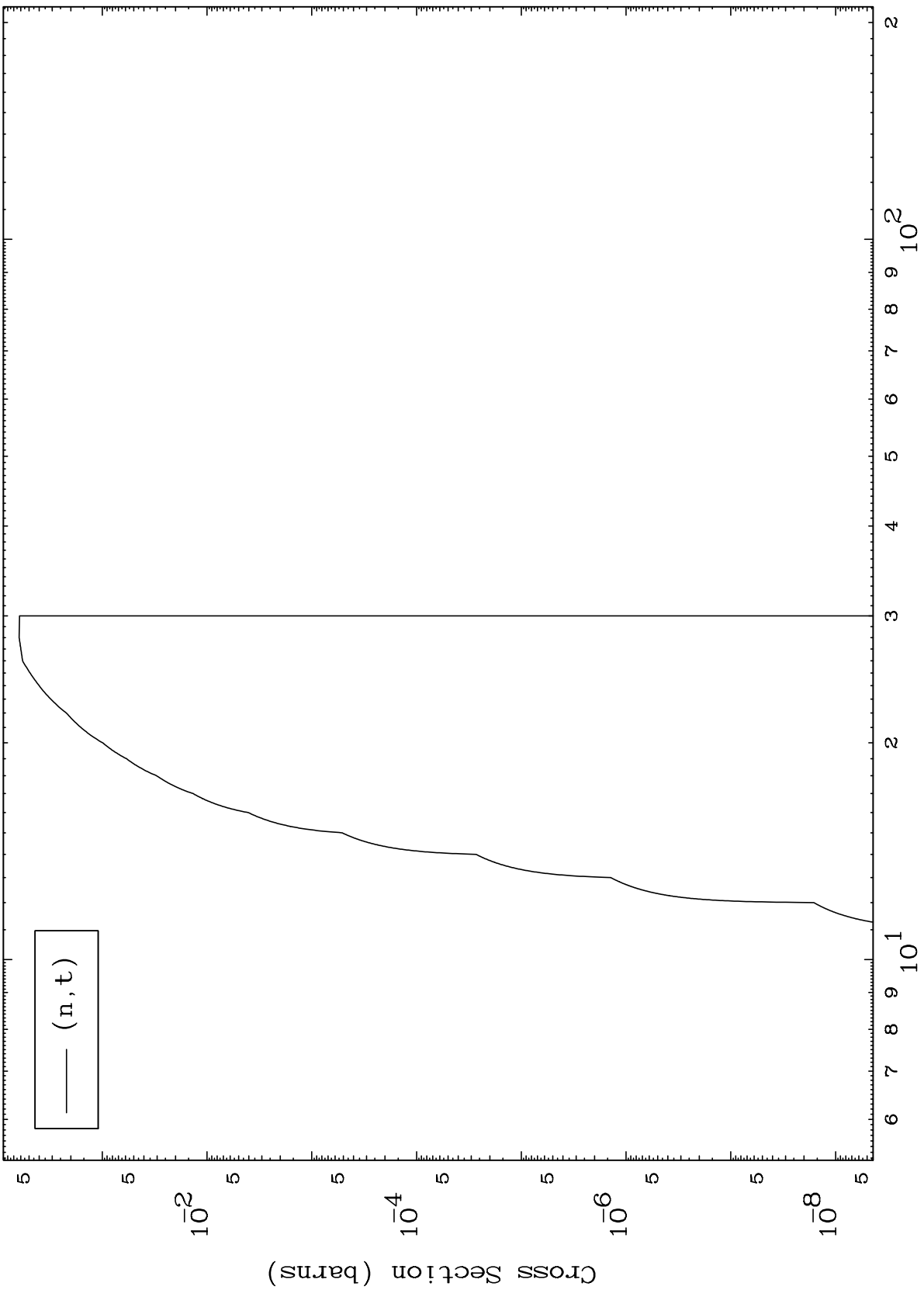
55-Cs-123

MAT 5495

(He-3,t) Levels

55-Cs-123

0 Kelvin Cross Sections



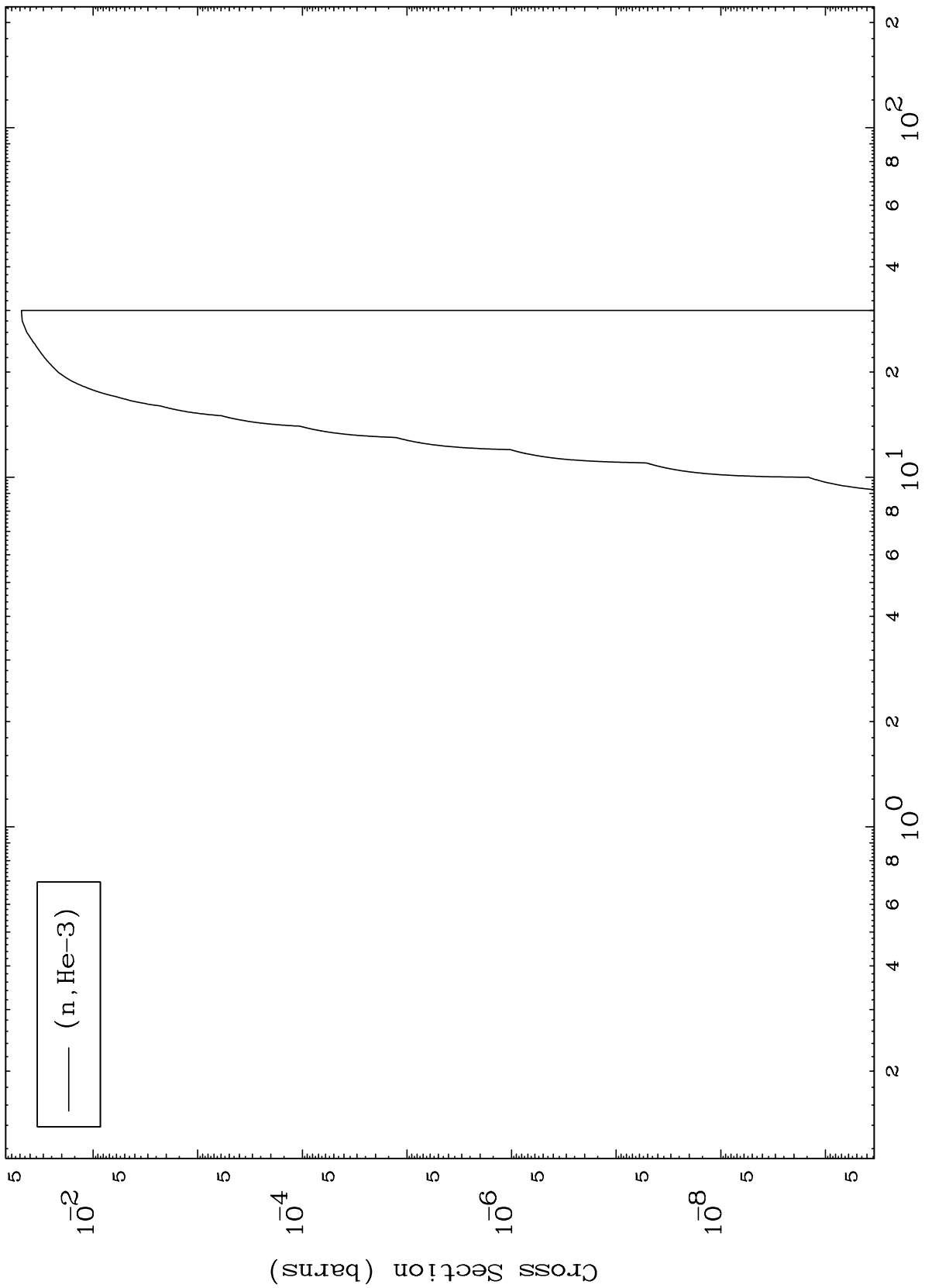
(n, t)

MAT 5495

(He-3, He3) Levels

55-Cs-123

0 Kelvin Cross Sections



10

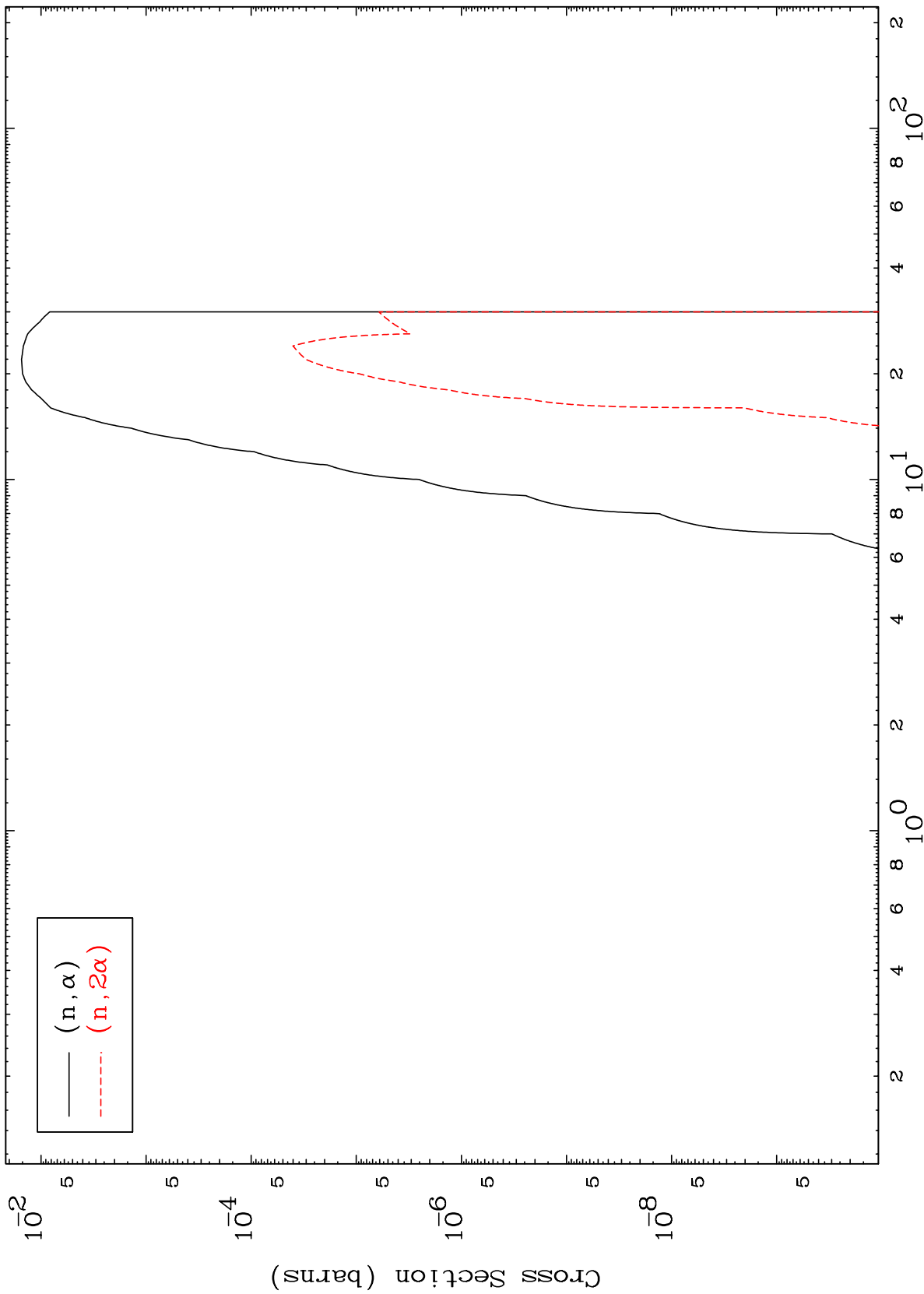
Incident Energy (MeV)

55-Cs-123

MAT 5495

55-Cs-123

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



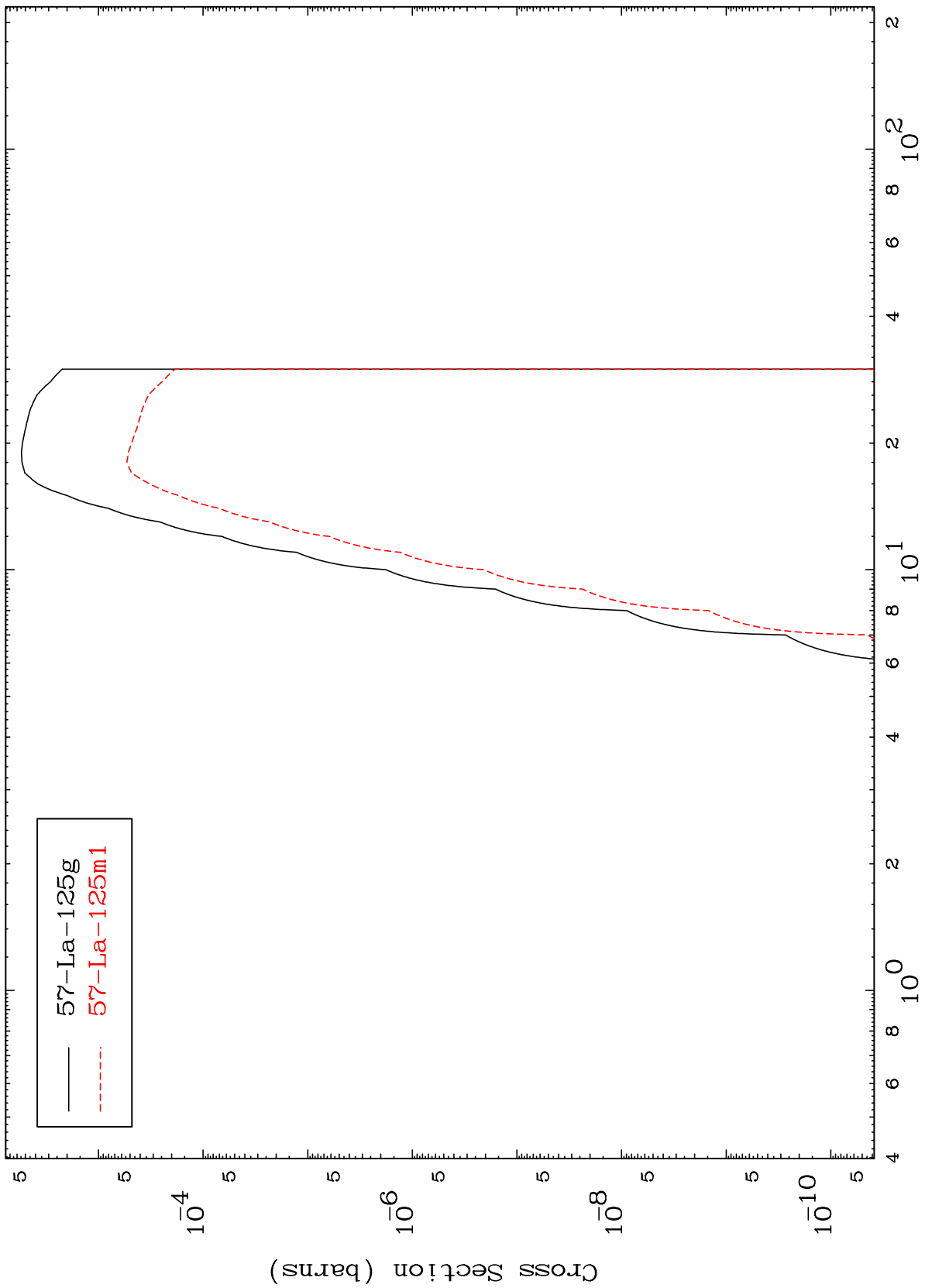
55-Cs-123

Incident Energy (MeV)

MAT 5495

55-Cs-123

Inelastic  
Radionuclide Production Cross Section



55-Cs-123

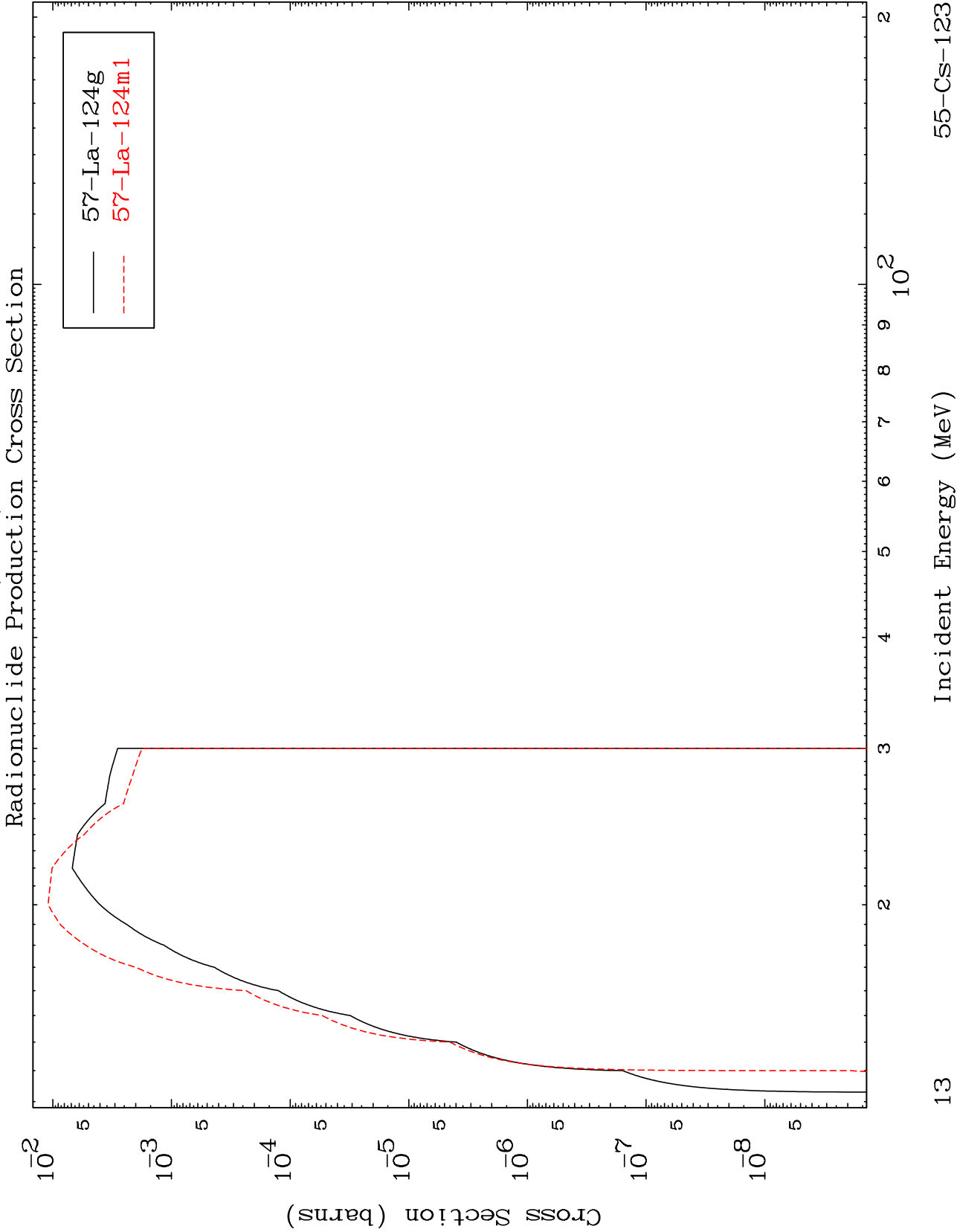
Incident Energy (MeV)

12

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(n,2n)

55-Cs-123



13

Incident Energy (MeV)

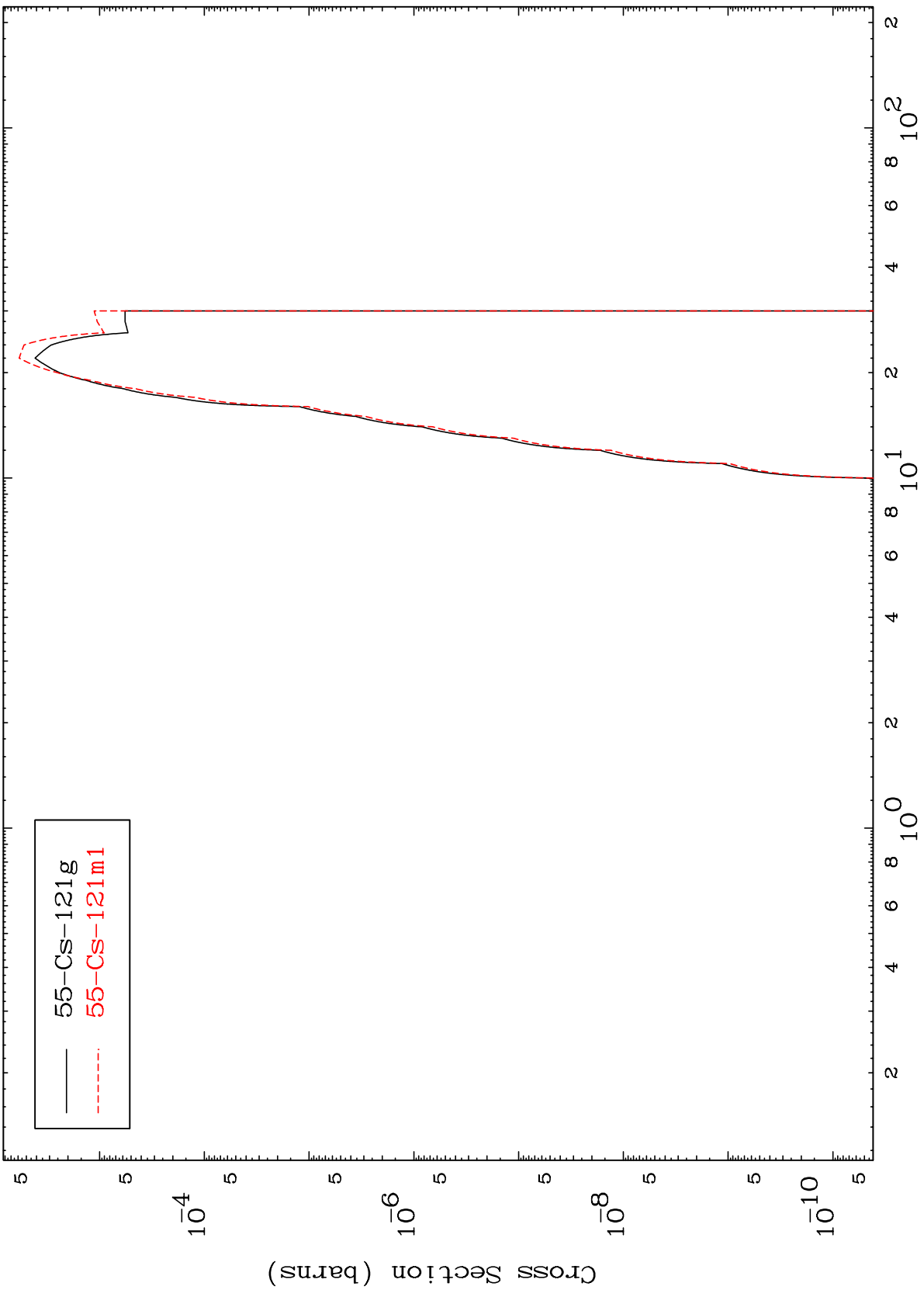
55-Cs-123

MAT 5495

(n,n')  $\alpha$

55-Cs-123

Radionuclide Production Cross Section



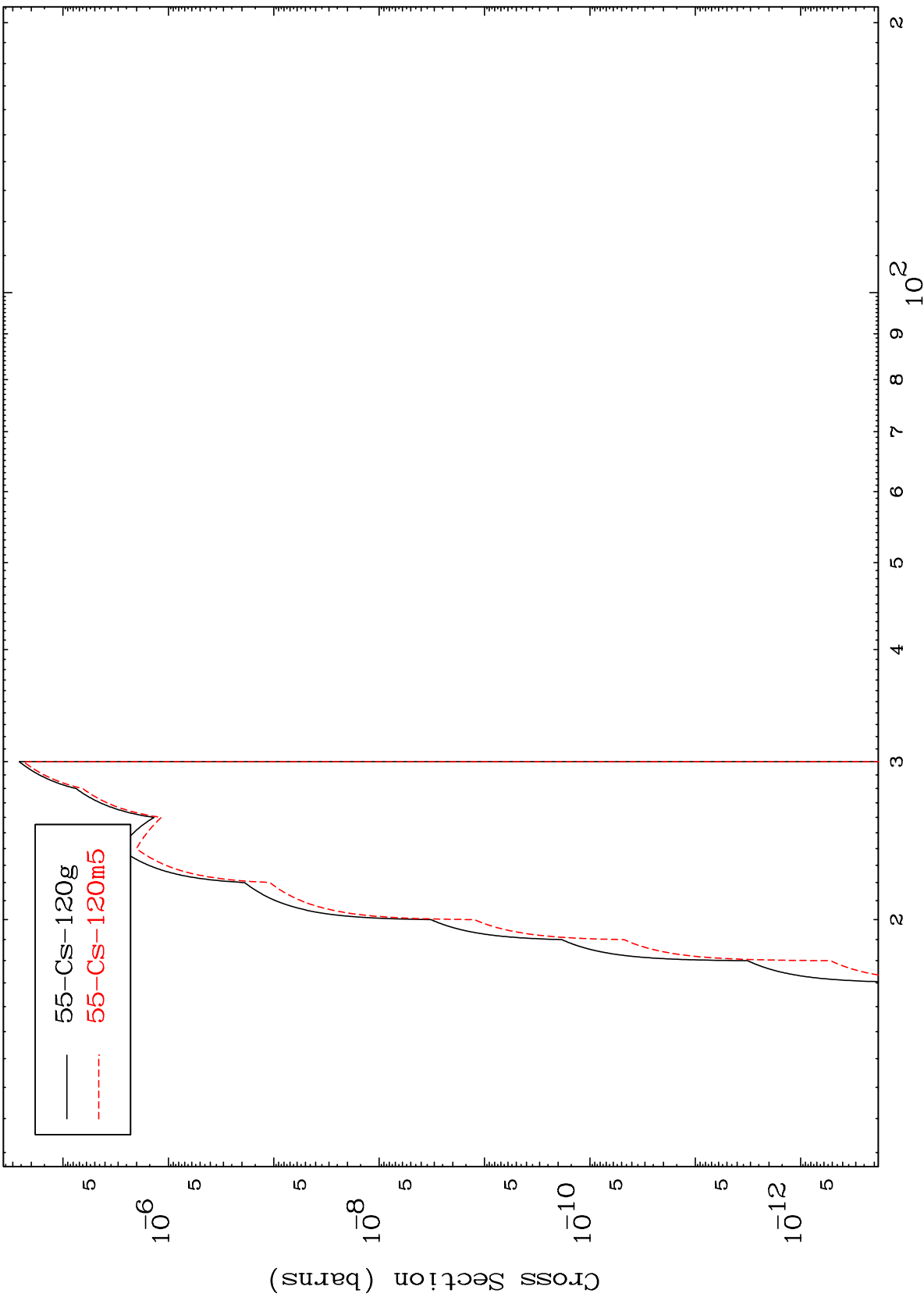
55-Cs-121g  
55-Cs-121m1

MAT 5495

(n,2n)  $\alpha$

55-Cs-123

Radionuclide Production Cross Section



15

Incident Energy (MeV)

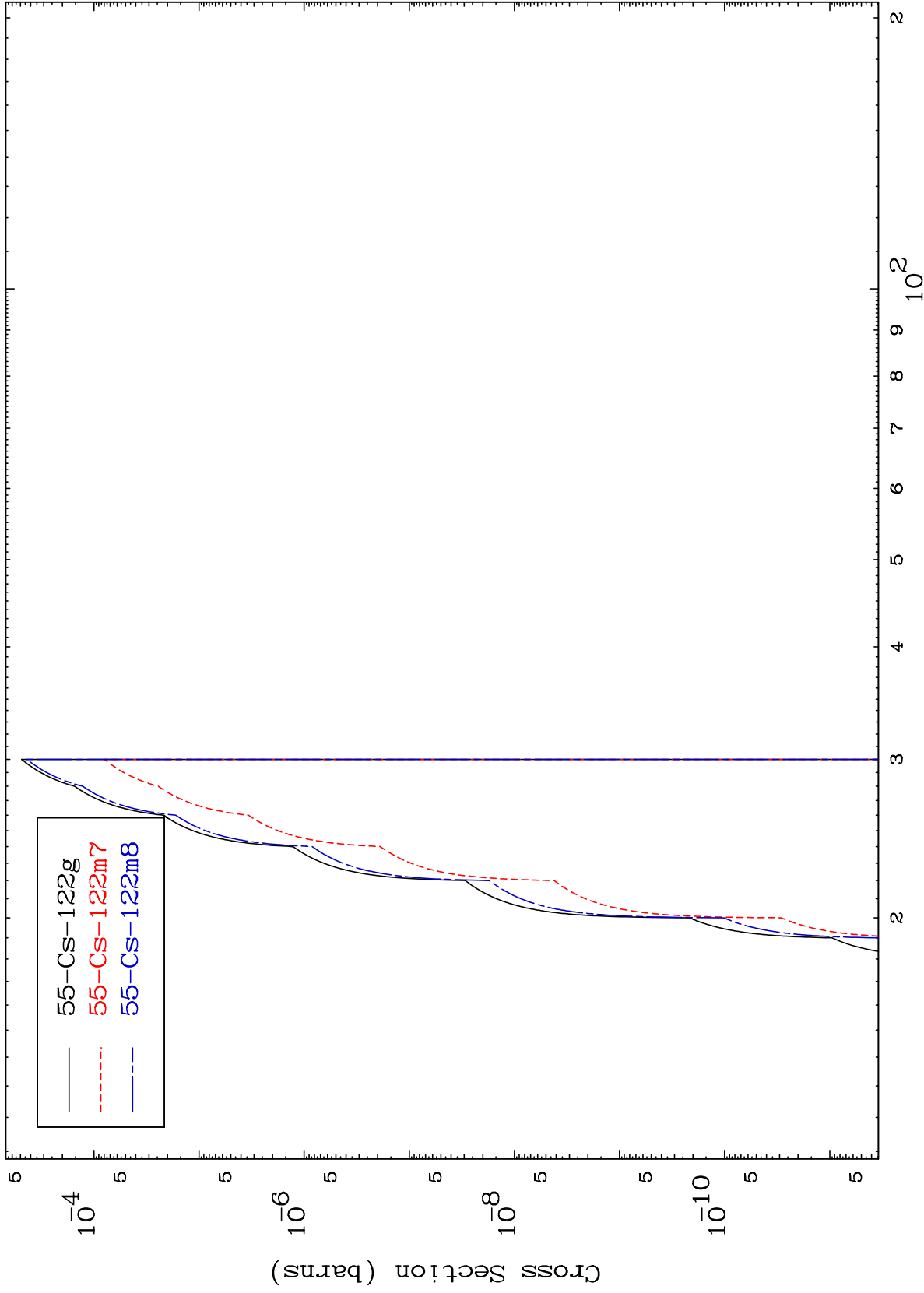
55-Cs-123

MAT 5495

(n,n') He-3

55-Cs-123

Radionuclide Production Cross Section



16

Incident Energy (MeV)

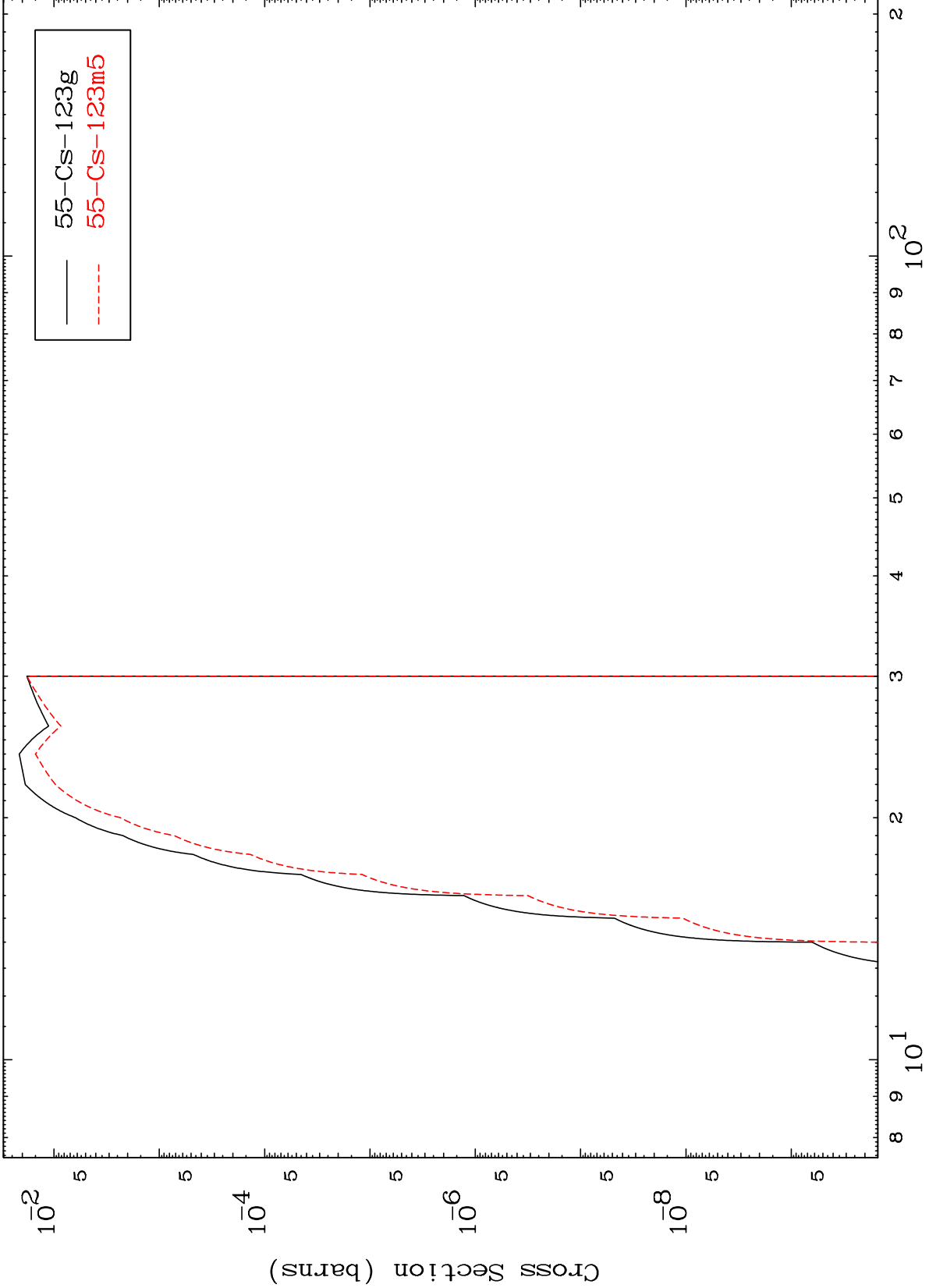
55-Cs-123

MAT 5495

(n,2n) p

55-Cs-123

Radionuclide Production Cross Section



55-Cs-123g  
55-Cs-123m5

17

Incident Energy (MeV)

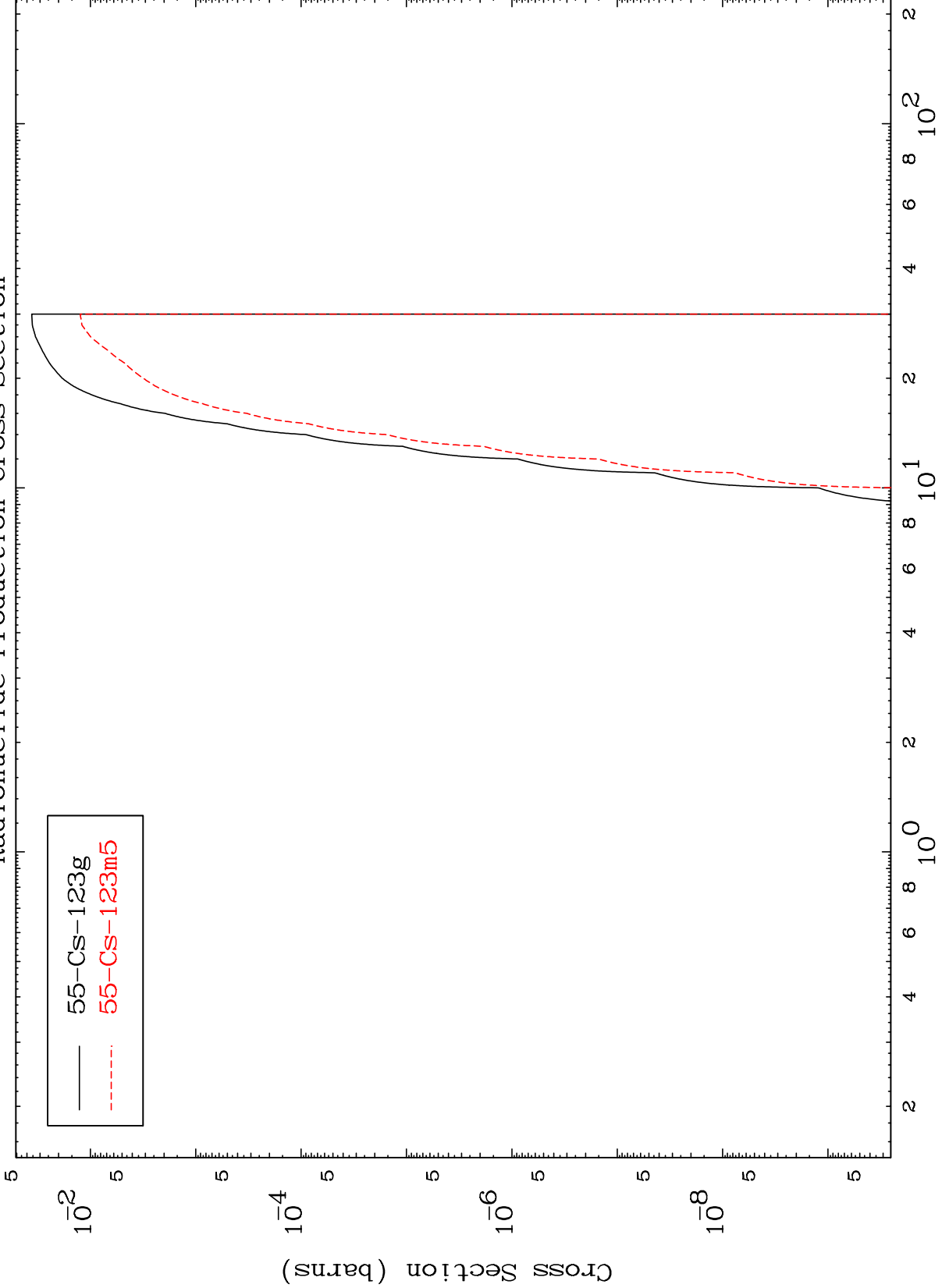
55-Cs-123

MAT 5495

(n,He-3)

55-Cs-123

Radionuclide Production Cross Section



55-Cs-123g  
55-Cs-123m5

18

Incident Energy (MeV)

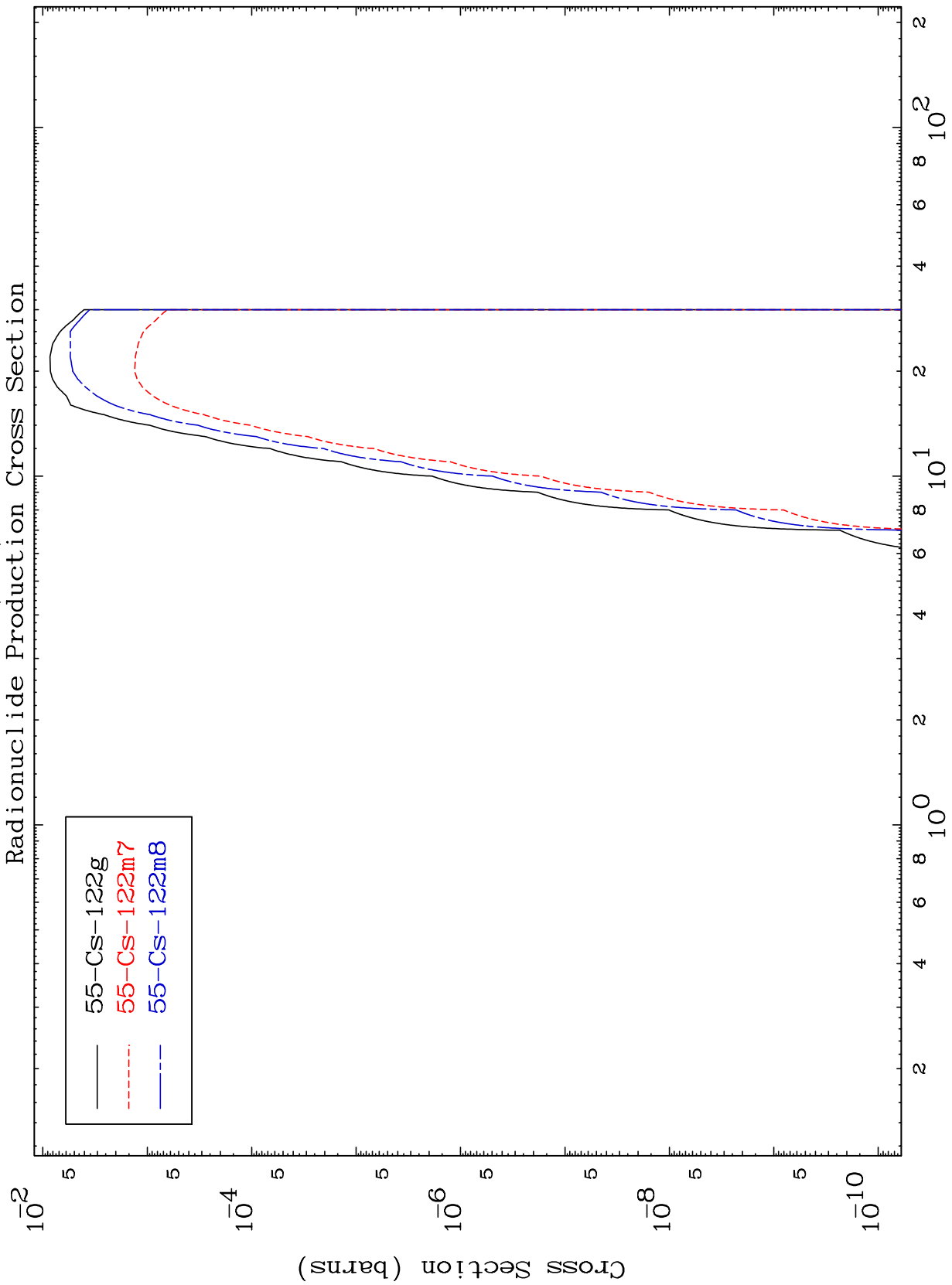
55-Cs-123

MAT 5495

55-Cs-123

(n,  $\alpha$ )

Radionuclide Production Cross Section



55-Cs-123

Incident Energy (MeV)

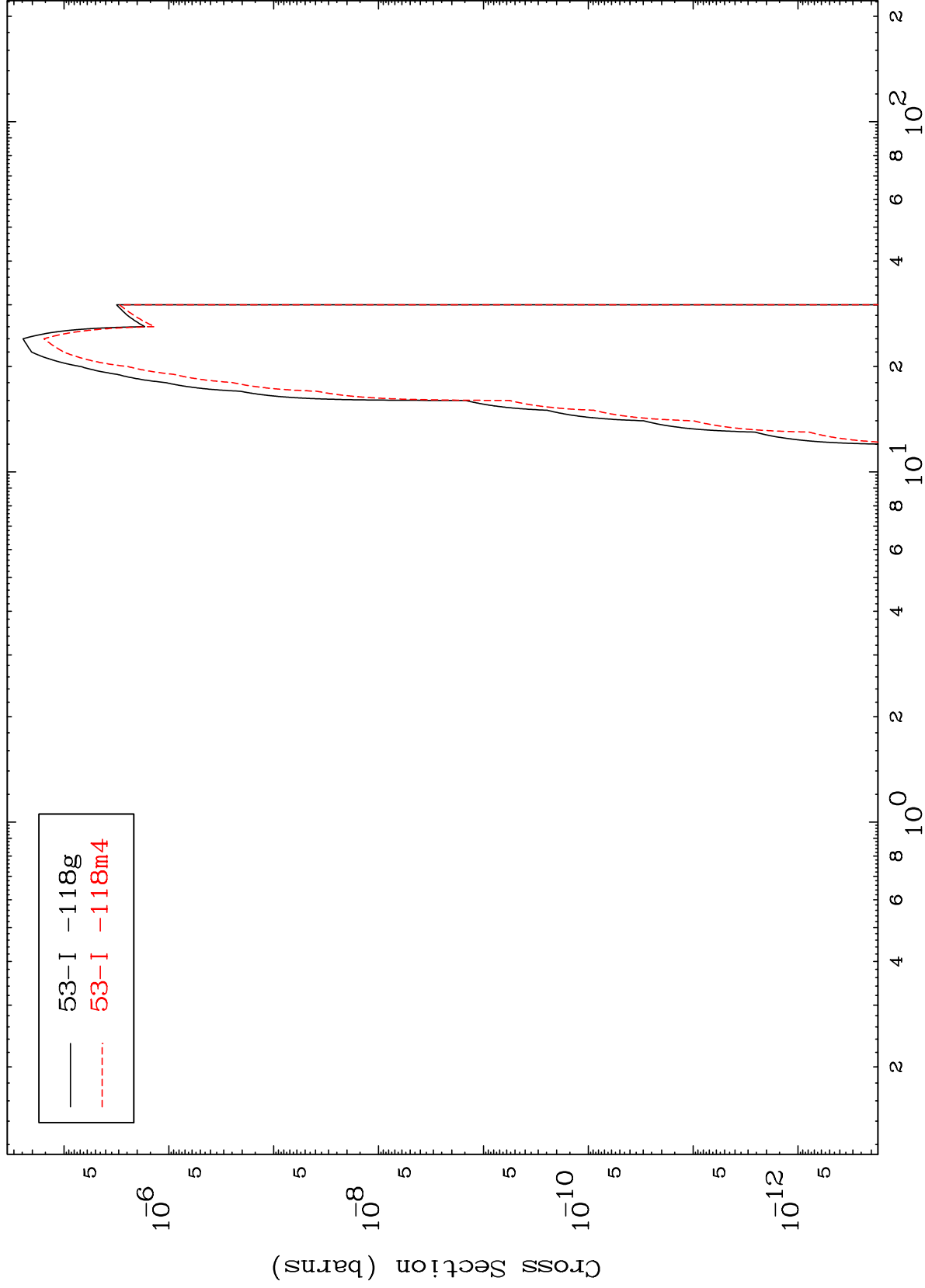
19

MAT 5495

(n,2α)

55-Cs-123

Radionuclide Production Cross Section



53-I -118g  
53-I -118m4

20

Incident Energy (MeV)

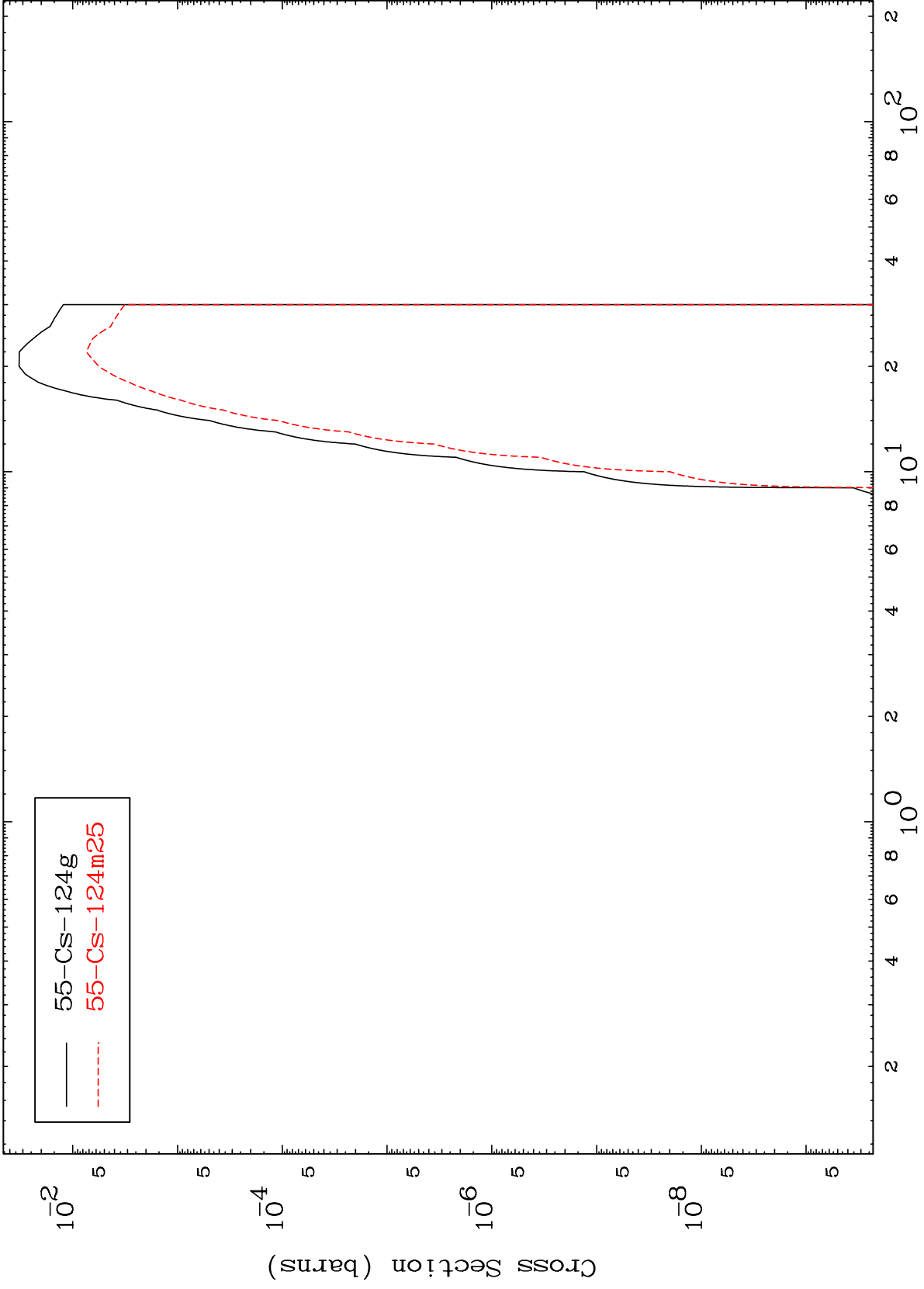
55-Cs-123

MAT 5495

(n,2p)

55-Cs-123

Radionuclide Production Cross Section

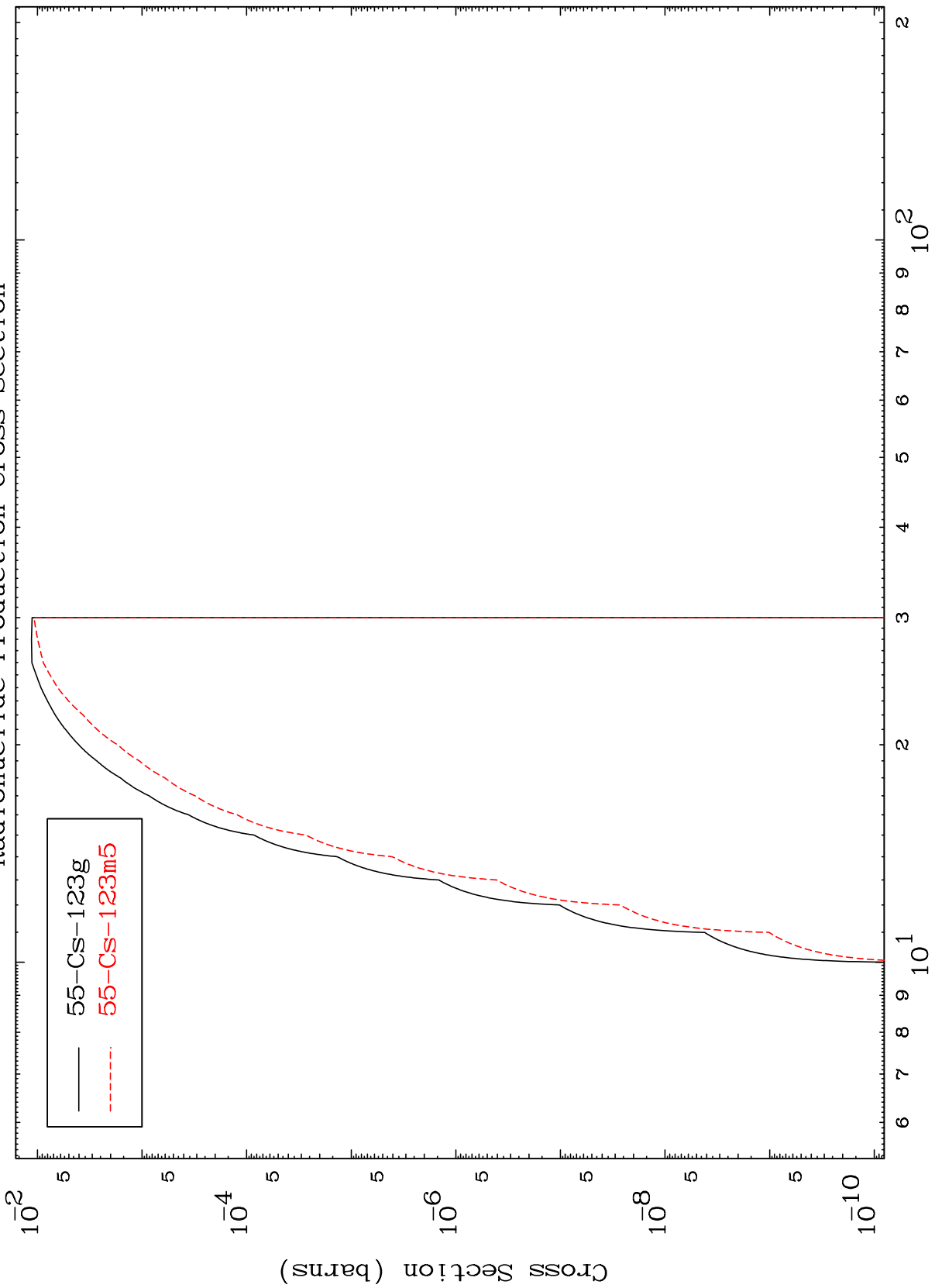


MAT 5495

(n,p) d

55-Cs-123

Radionuclide Production Cross Section



22

Incident Energy (MeV)

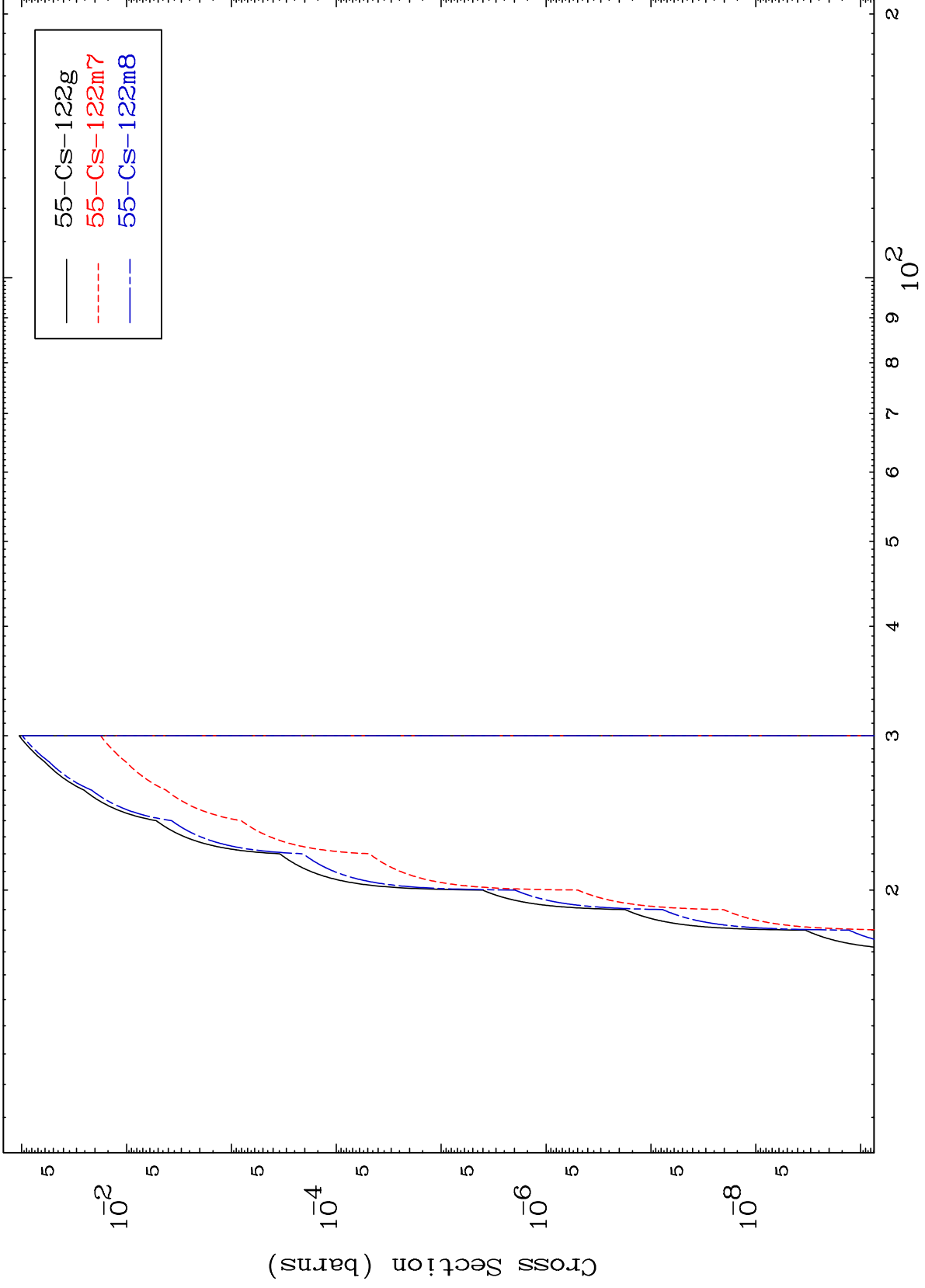
55-Cs-123

MAT 5495

(n,p) t

55-Cs-123

Radionuclide Production Cross Section



23

Incident Energy (MeV)

55-Cs-123