

Program EVALPLOT  
(Version 2021-1)

by

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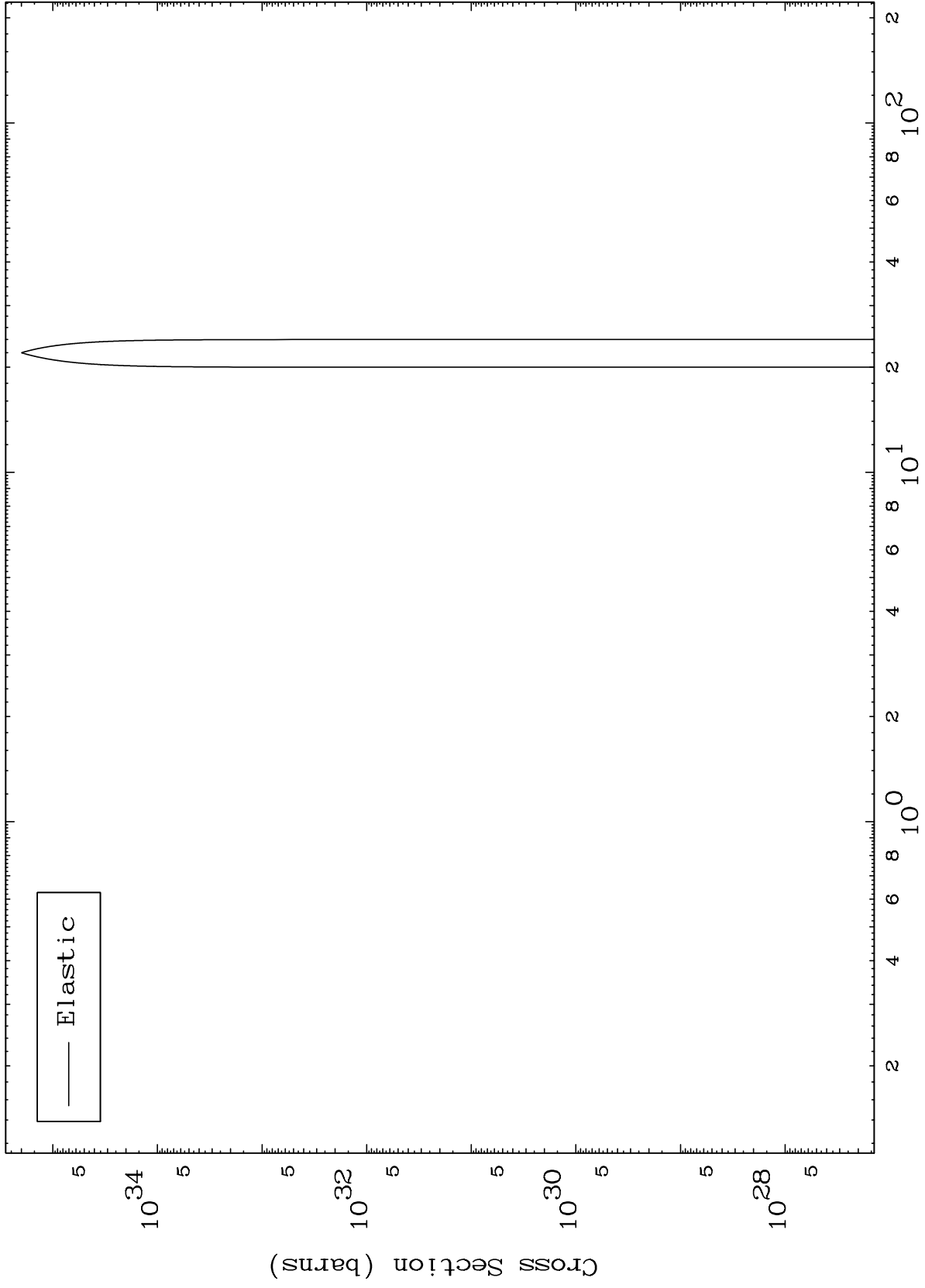
Press Mouse Button to Start

MAT 5519

Deuteron Major

55-Cs-131

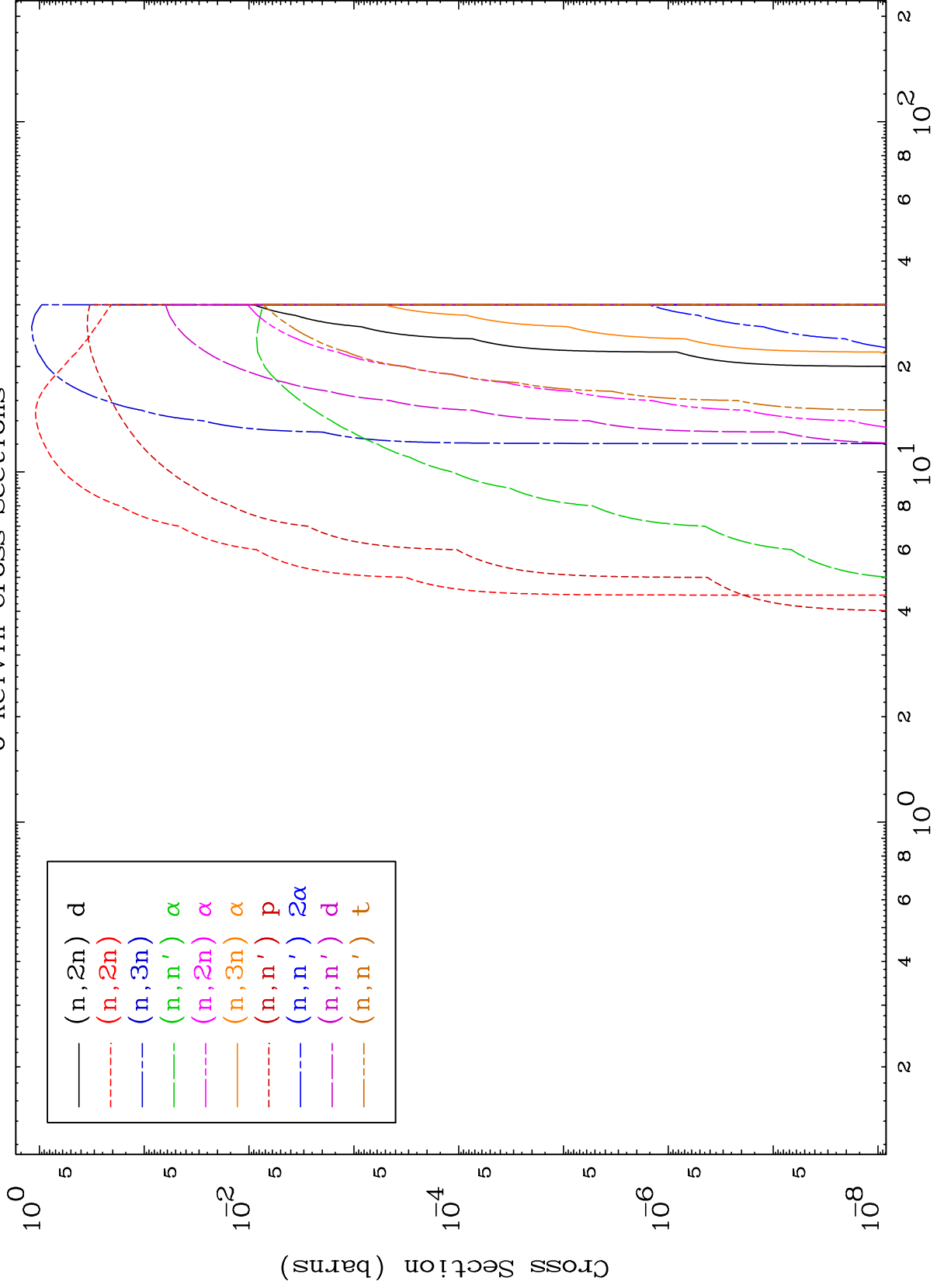
0 Kelvin Cross Sections

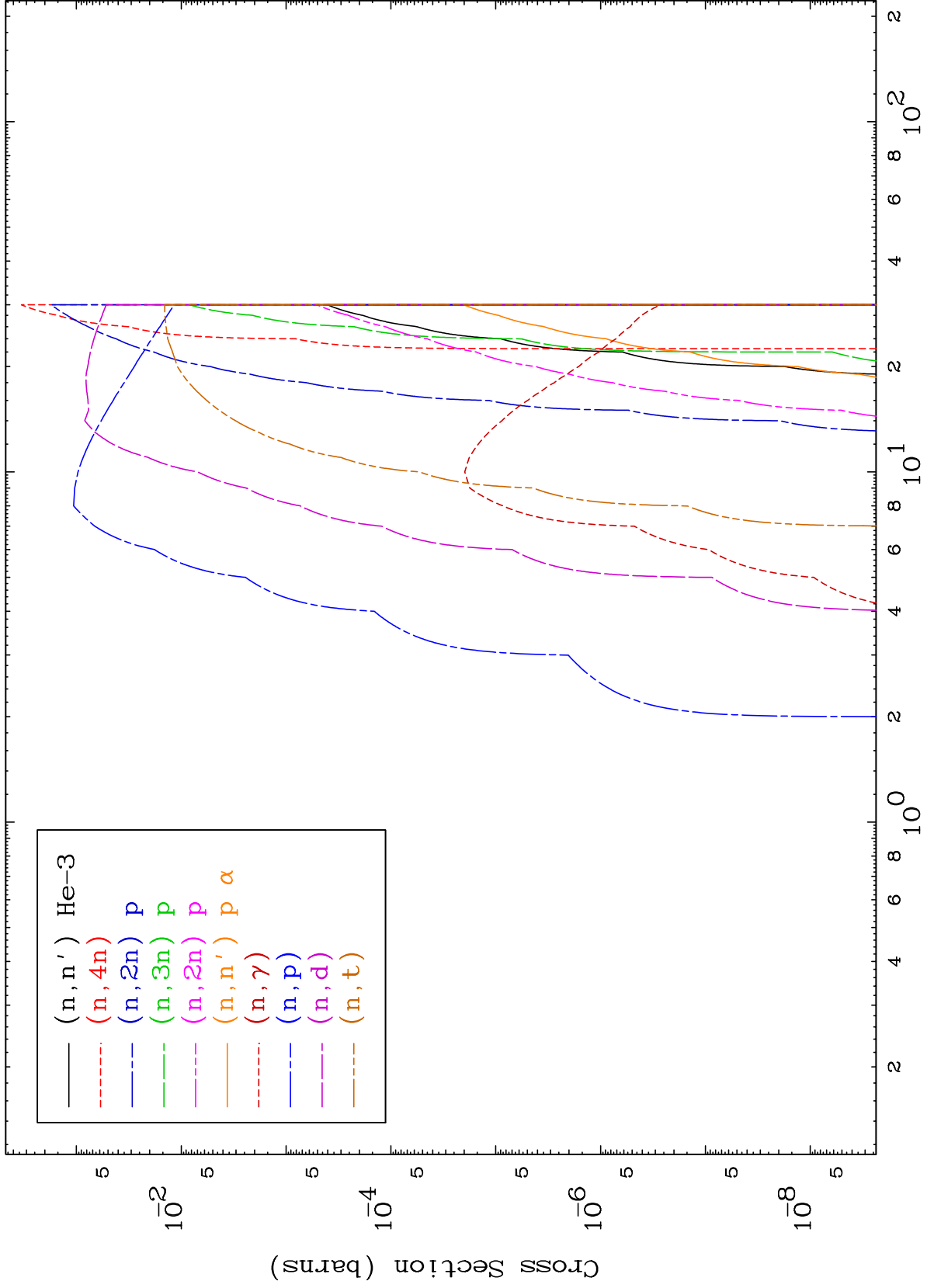


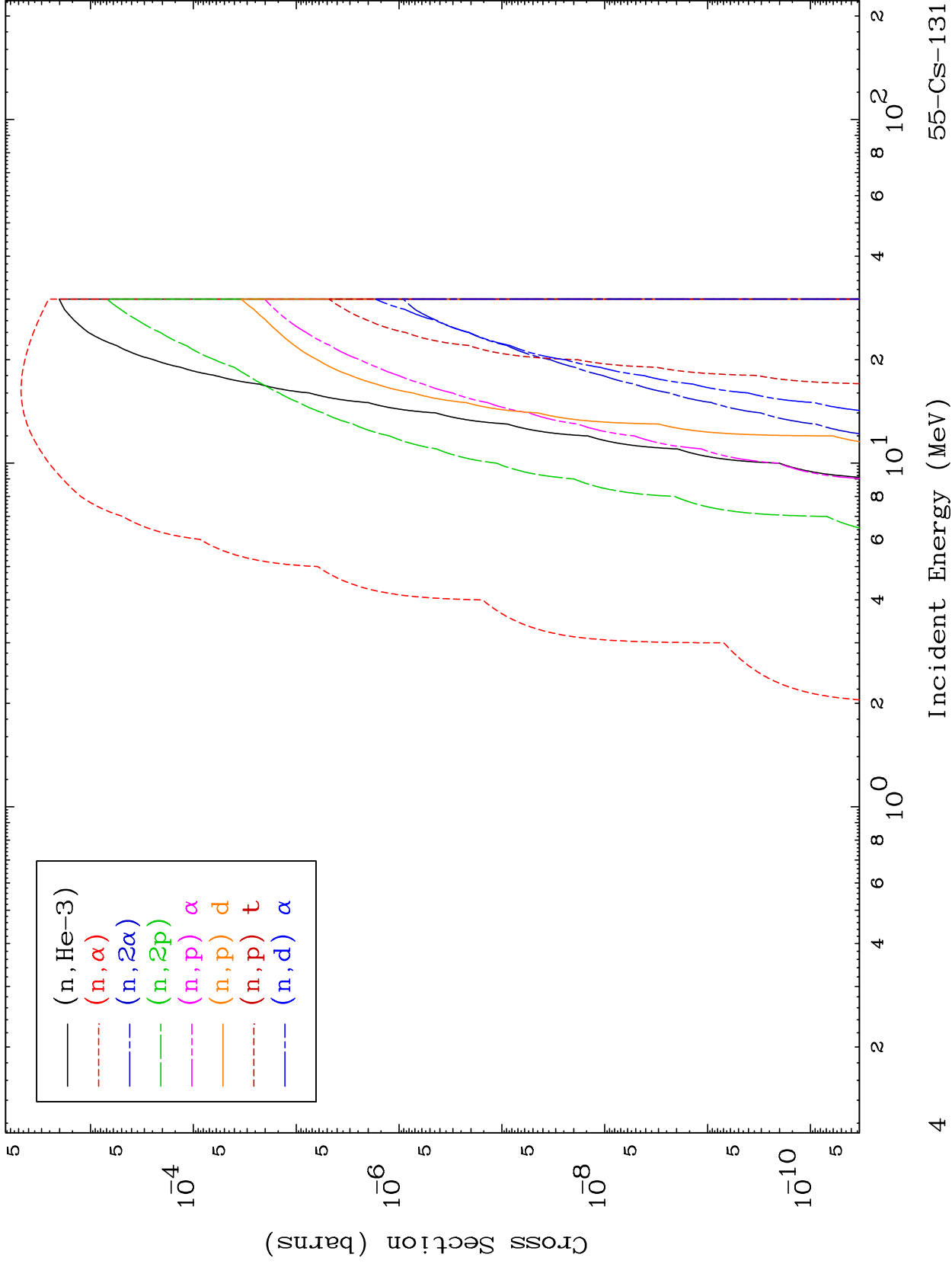
MAT 5519

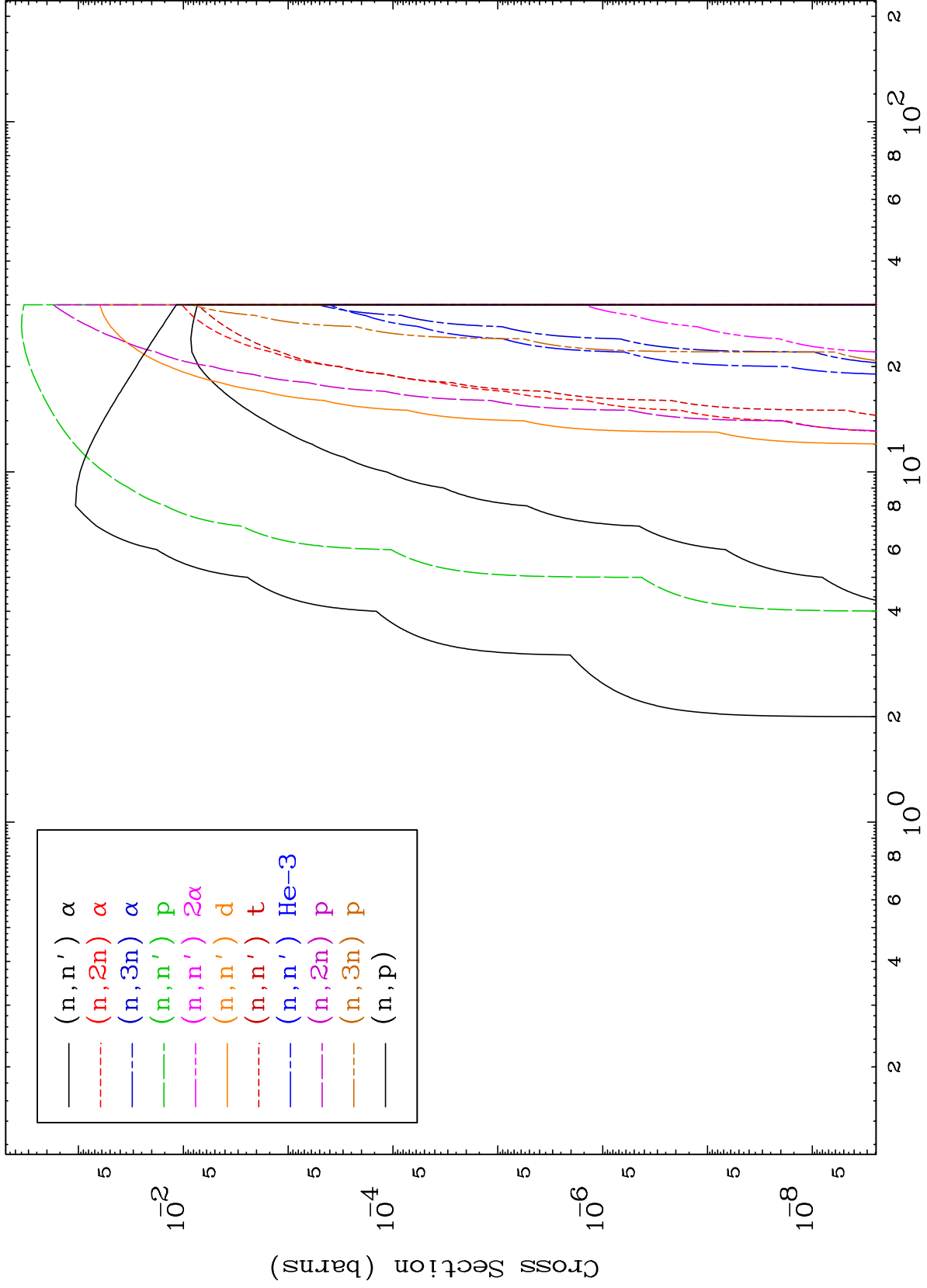
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

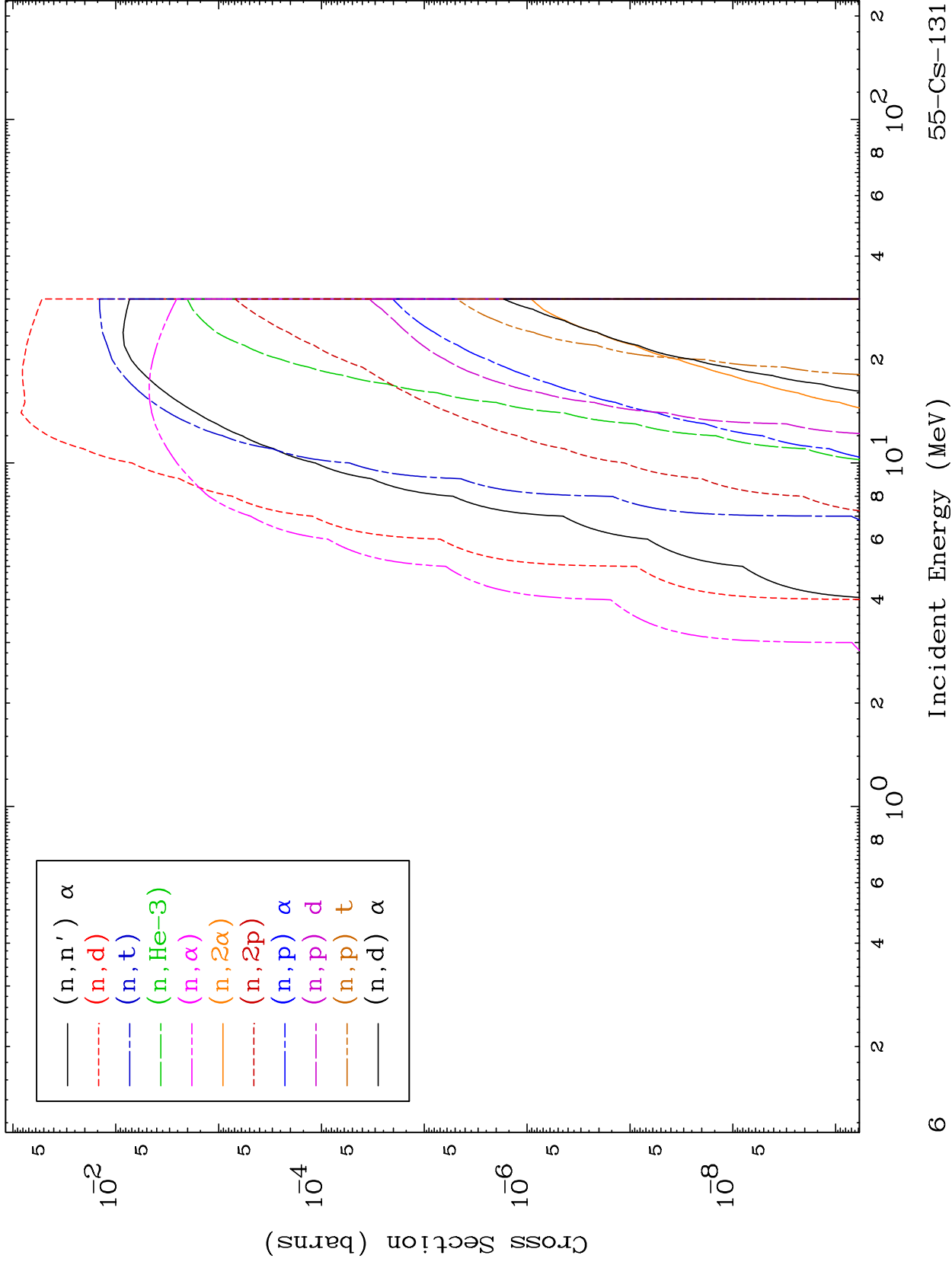
55-Cs-131









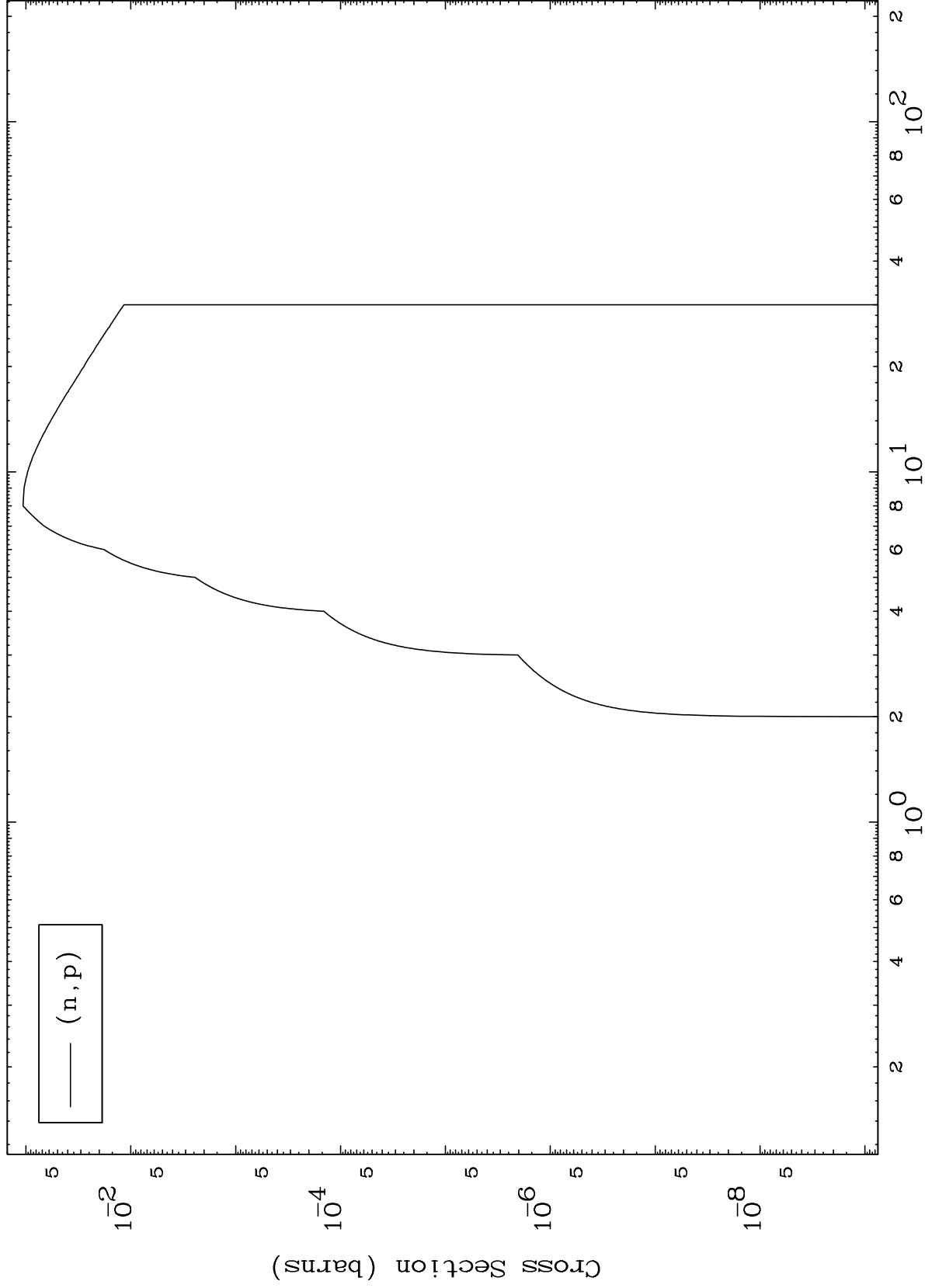


MAT 5519

(d,p) Levels

55-Cs-131

0 Kelvin Cross Sections



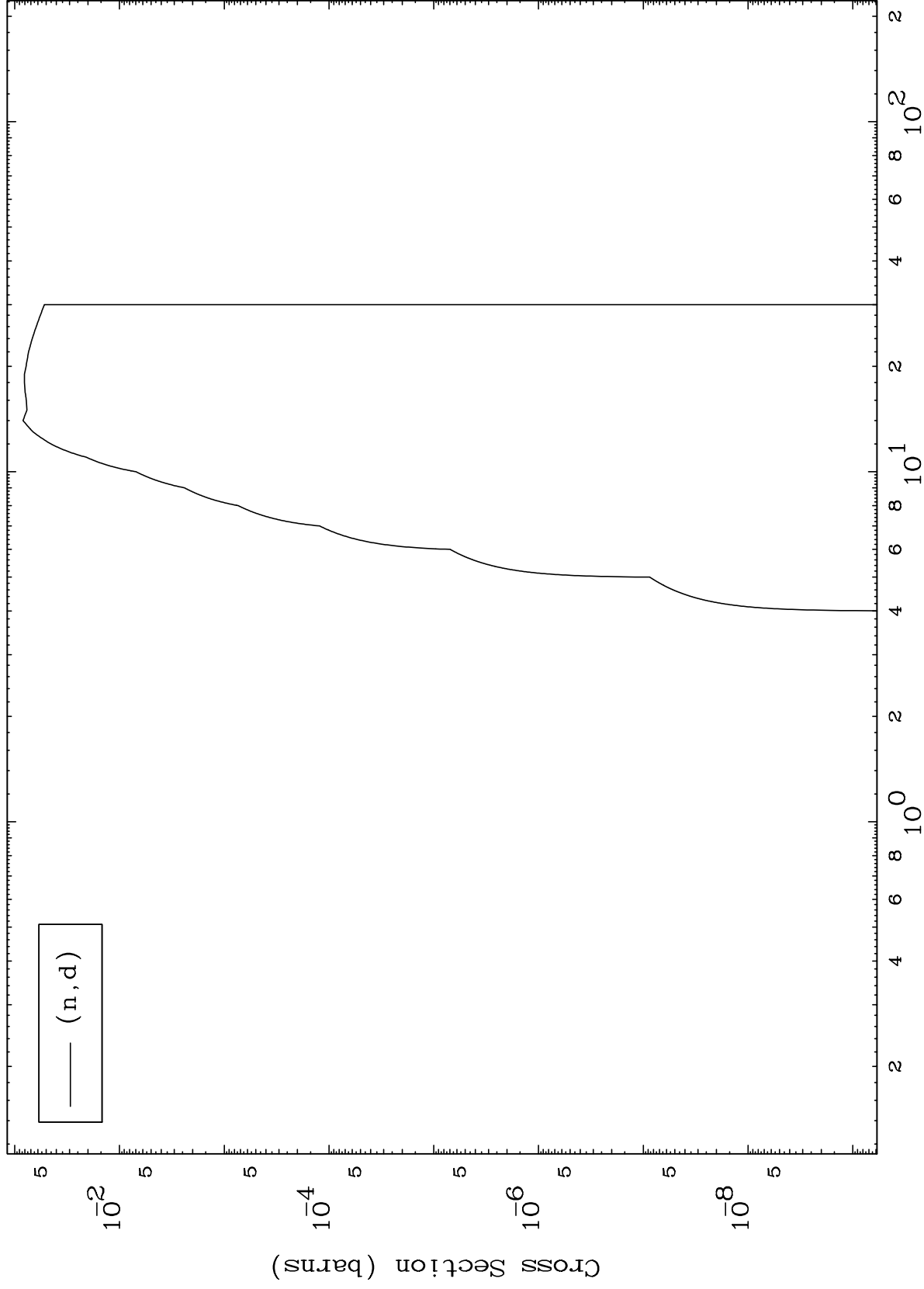


MAT 5519

(d,d) Levels

55-Cs-131

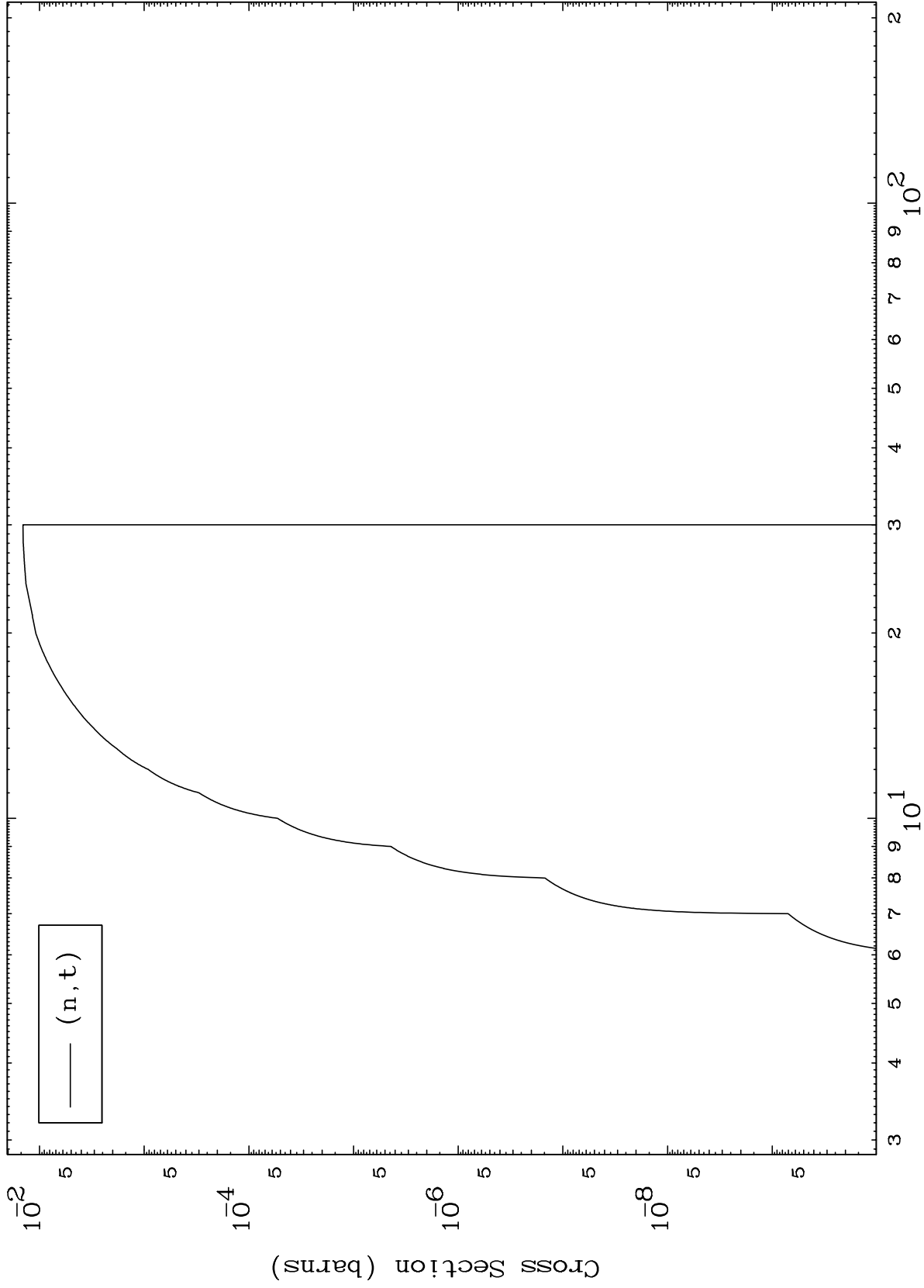
0 Kelvin Cross Sections



MAT 5519

(d,t) Levels  
0 Kelvin Cross Sections

55-Cs-131



9

Incident Energy (MeV)

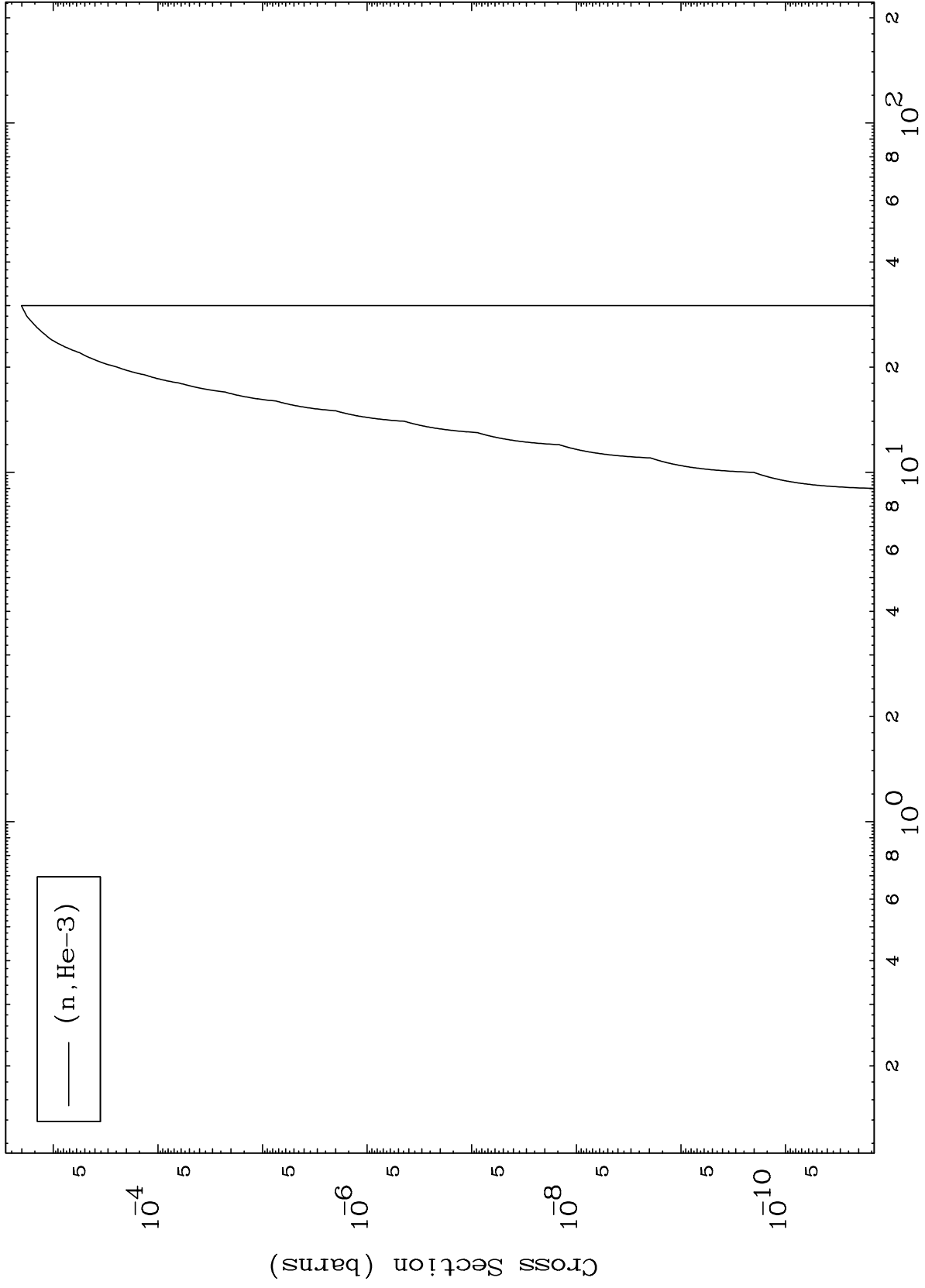
55-Cs-131

MAT 5519

(d,He3) Levels

55-Cs-131

0 Kelvin Cross Sections



10

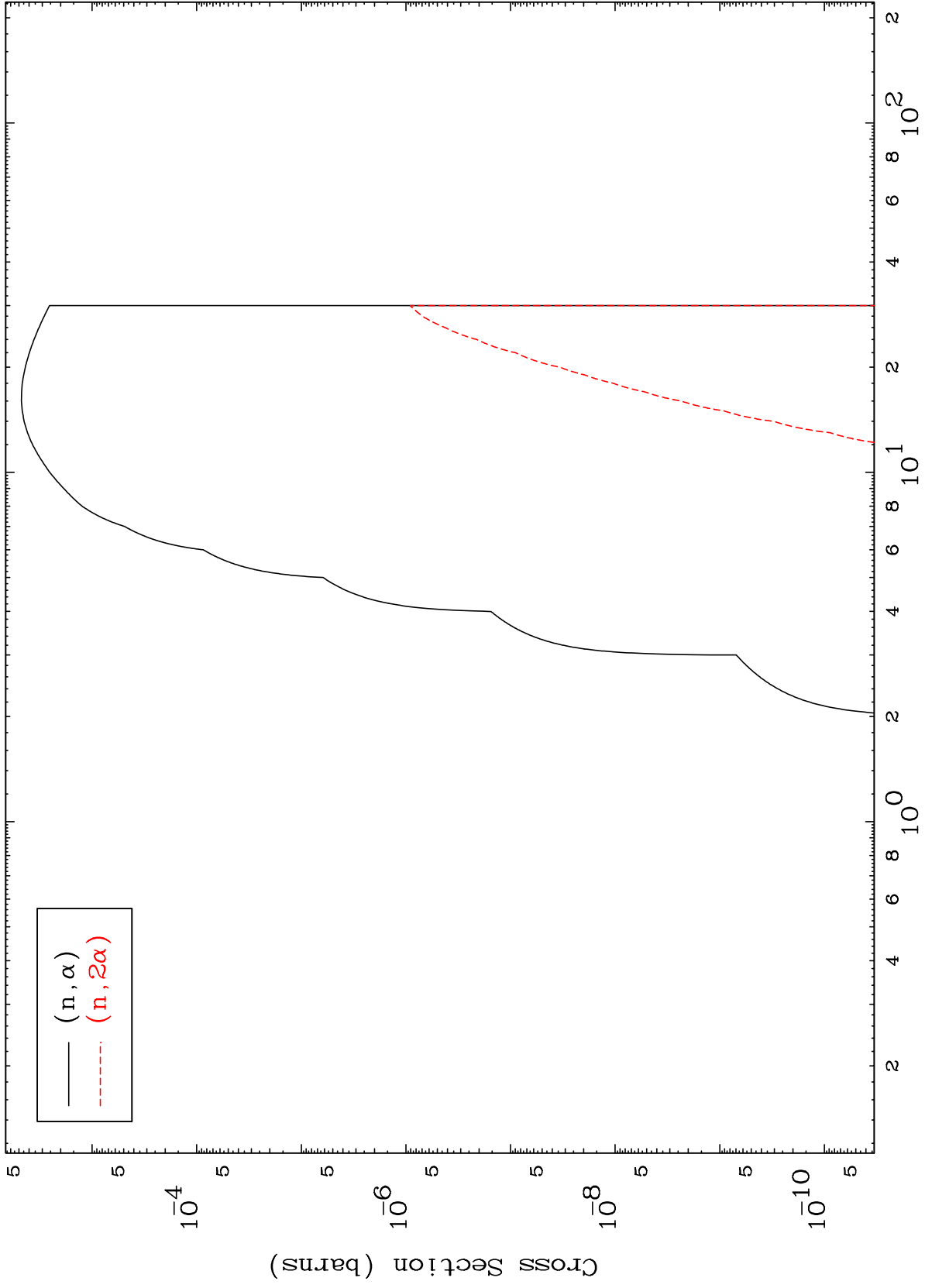
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



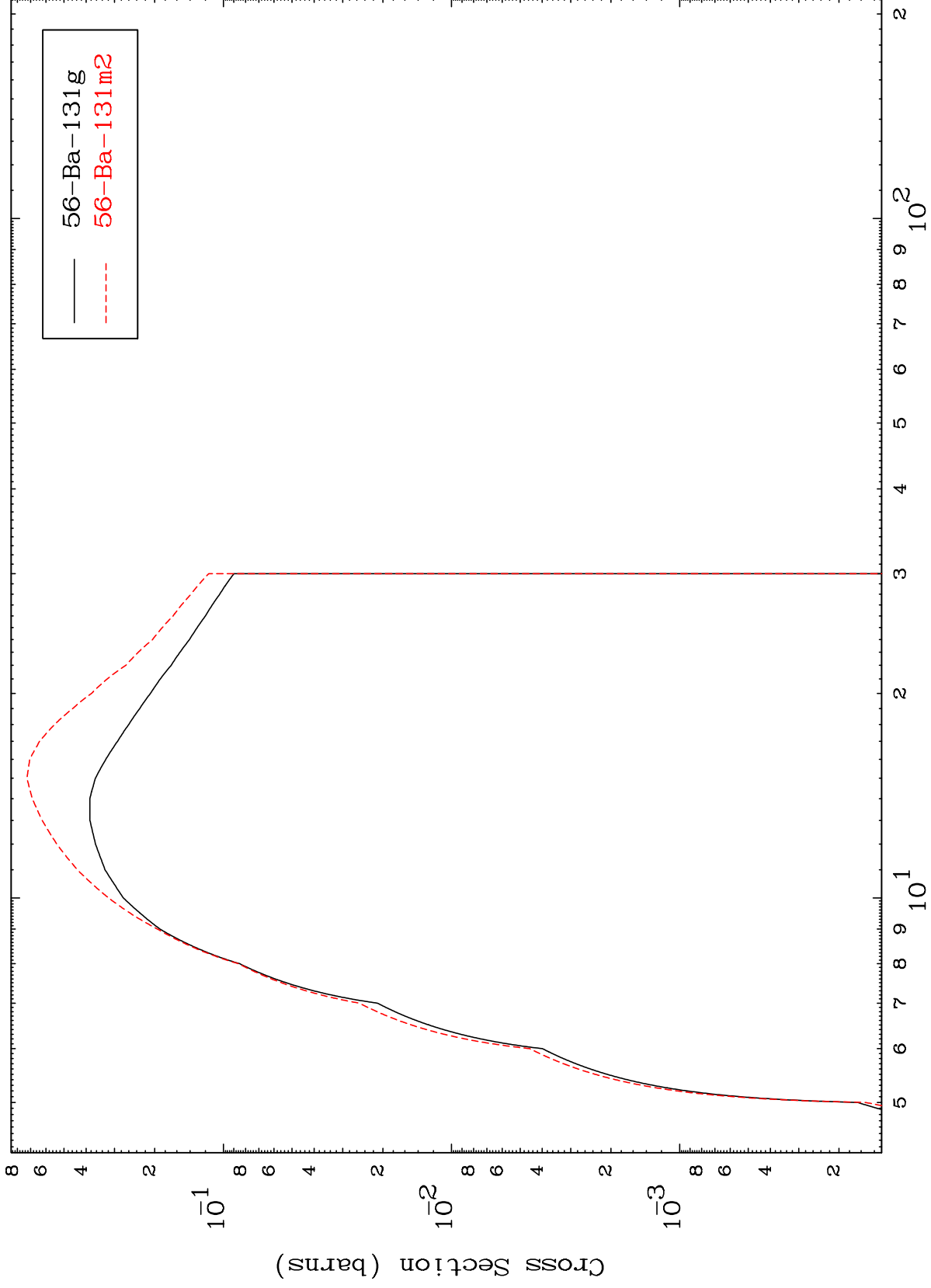
55-Cs-131

Incident Energy (MeV)

MAT 5519

55-Cs-131

(n,2n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

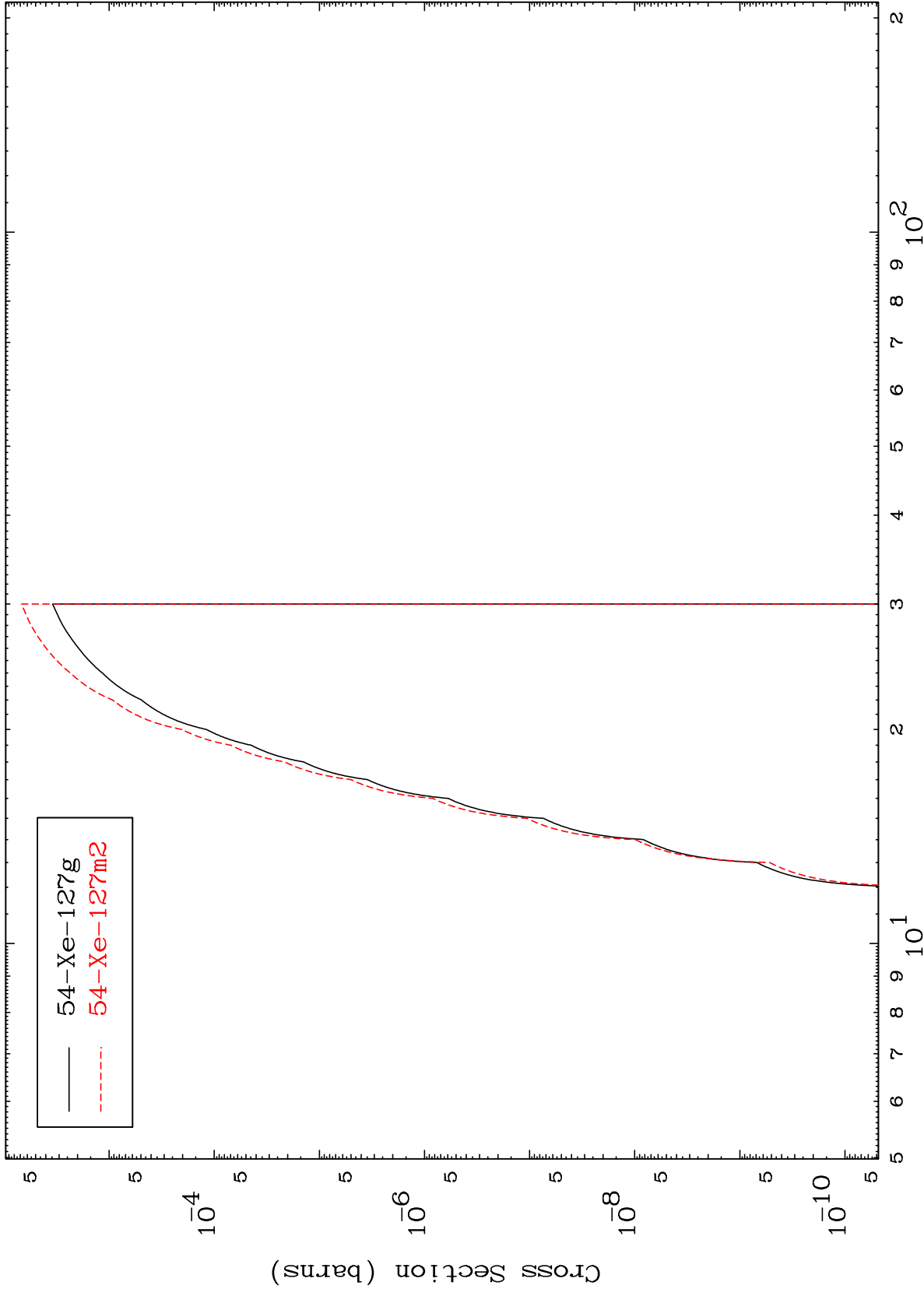
55-Cs-131

MAT 5519

55-Cs-131

(n,2n)  $\alpha$

Radionuclide Production Cross Section



54-Xe-127g  
54-Xe-127m2

55-Cs-131

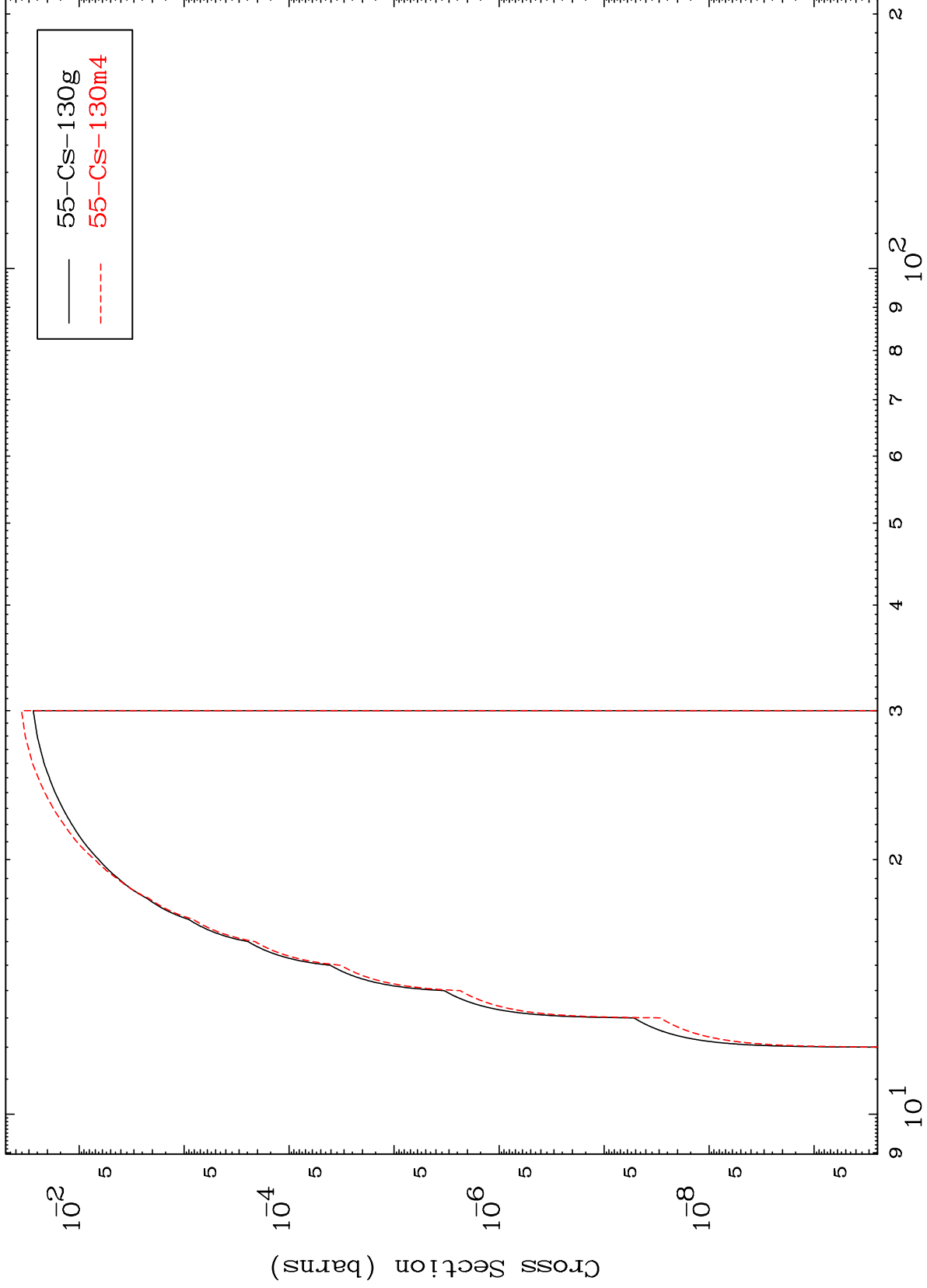
Incident Energy (MeV)

13

MAT 5519

55-Cs-131

(n,n') d  
Radionuclide Production Cross Section



55-Cs-131

Incident Energy (MeV)

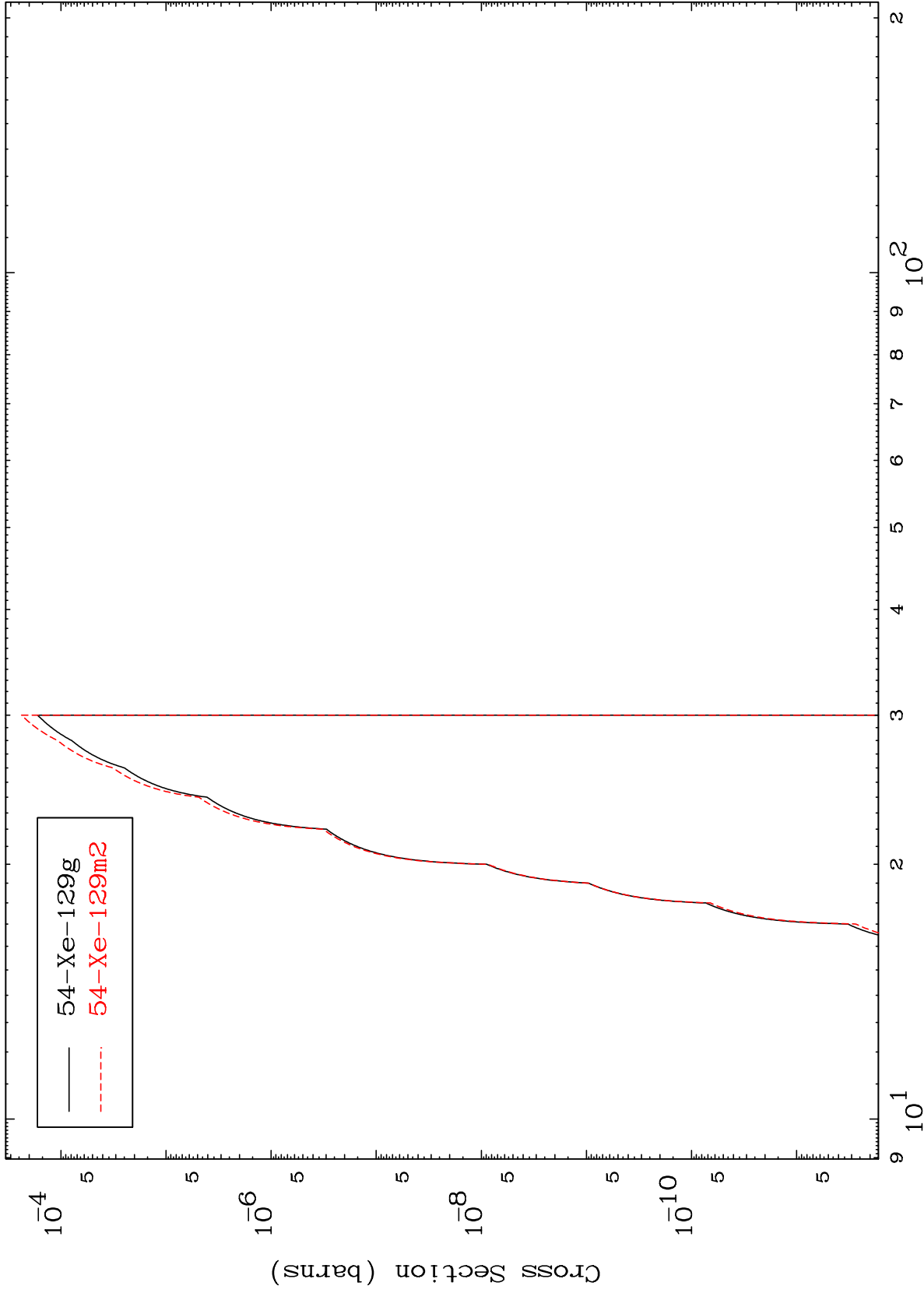
14

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(n,n') He-3

55-Cs-131

Radionuclide Production Cross Section



15

Incident Energy (MeV)

55-Cs-131

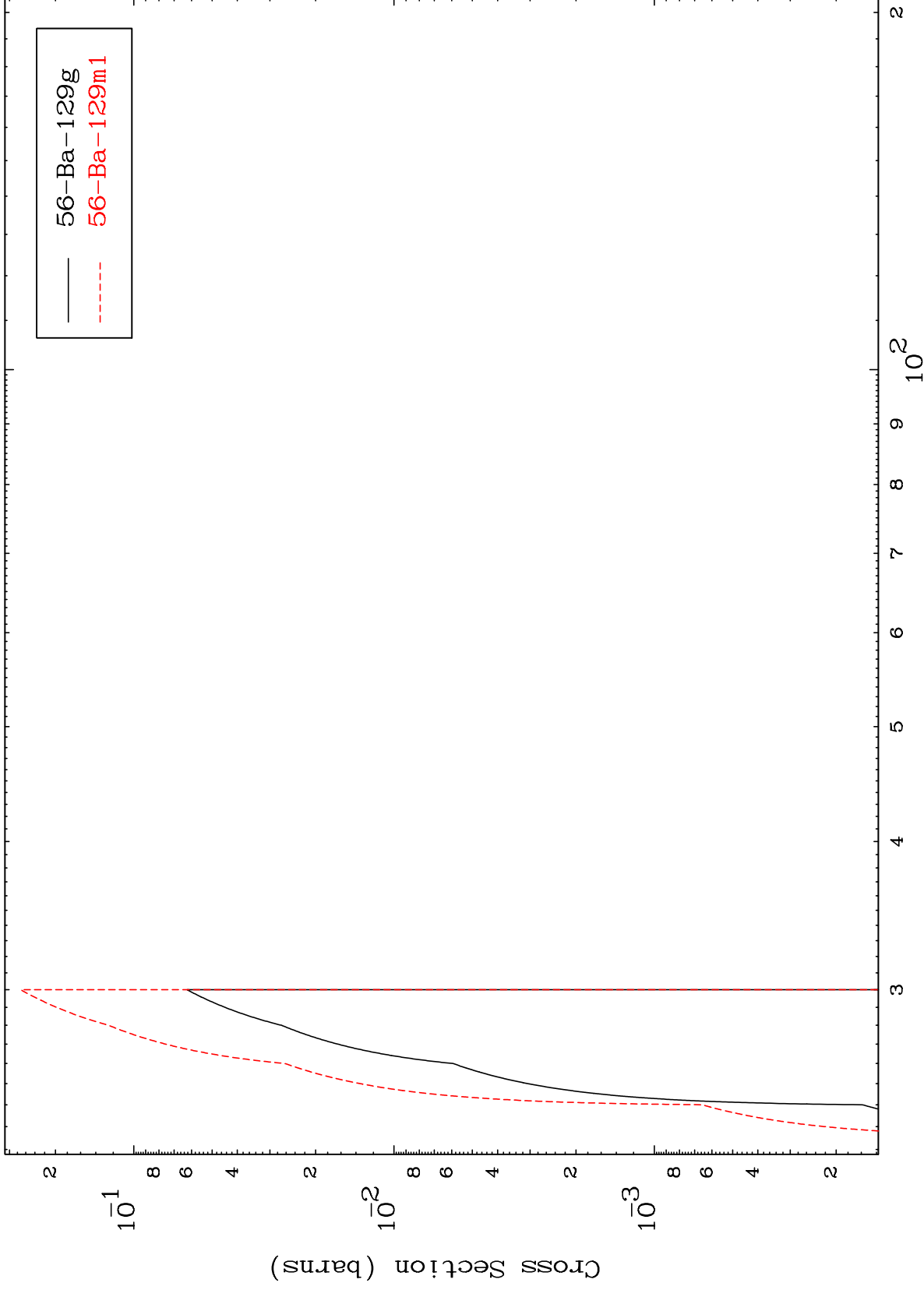


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(n,4n)

55-Cs-131

Radionuclide Production Cross Section



16

Incident Energy (MeV)

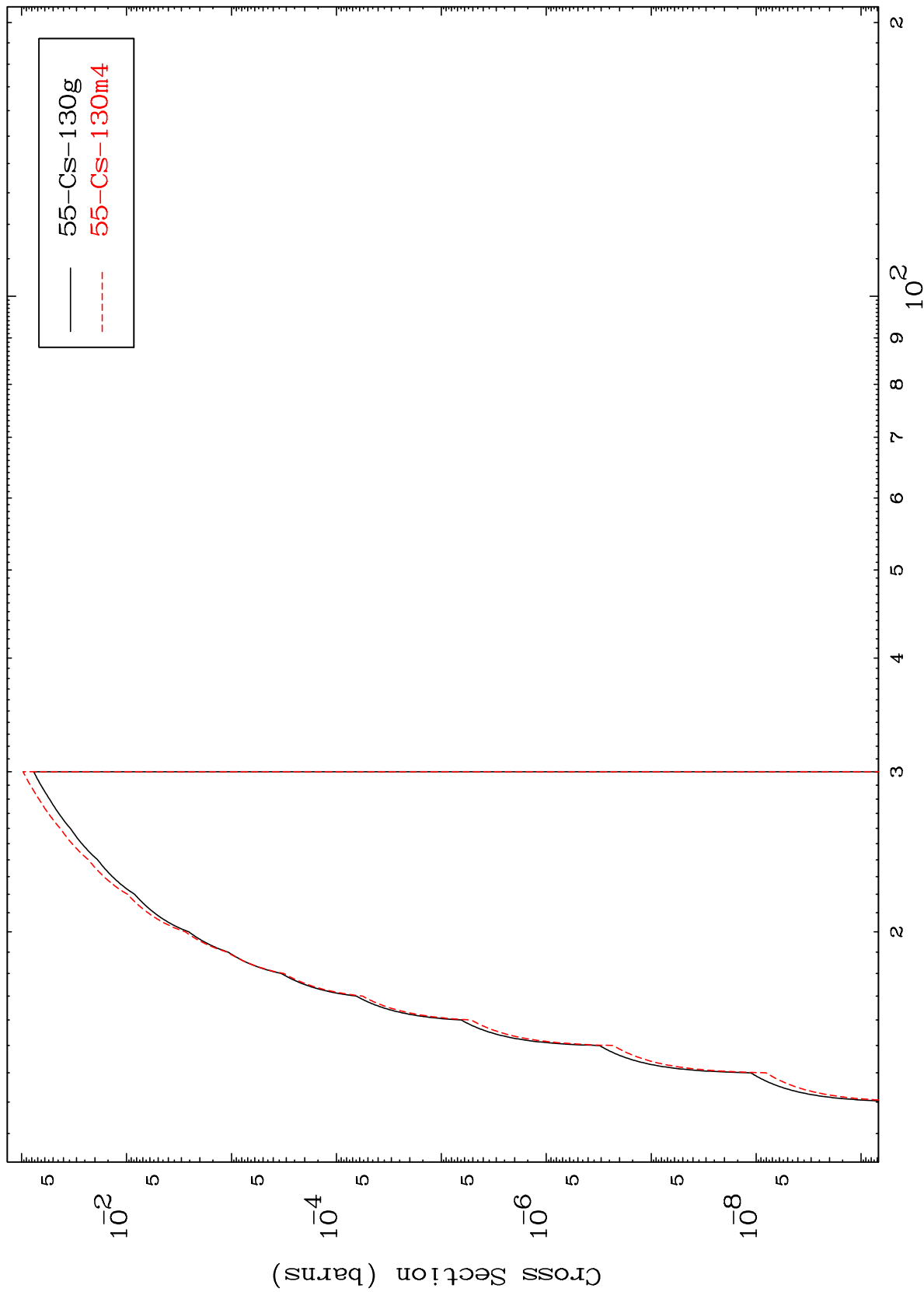
55-Cs-131

MAT 5519

(n,2n) p

55-Cs-131

Radionuclide Production Cross Section



17

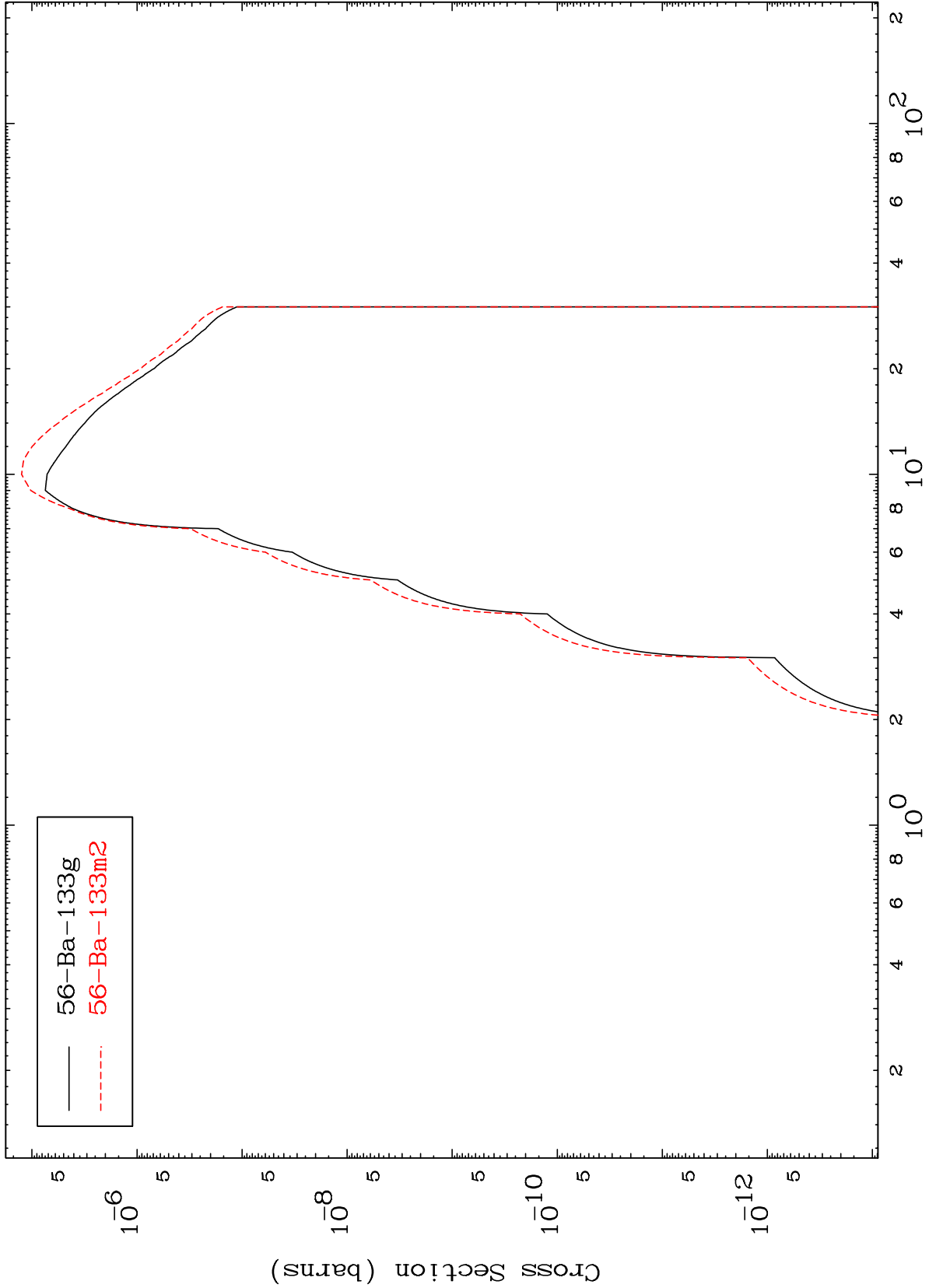
Incident Energy (MeV)

55-Cs-131

MAT 5519

55-Cs-131

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

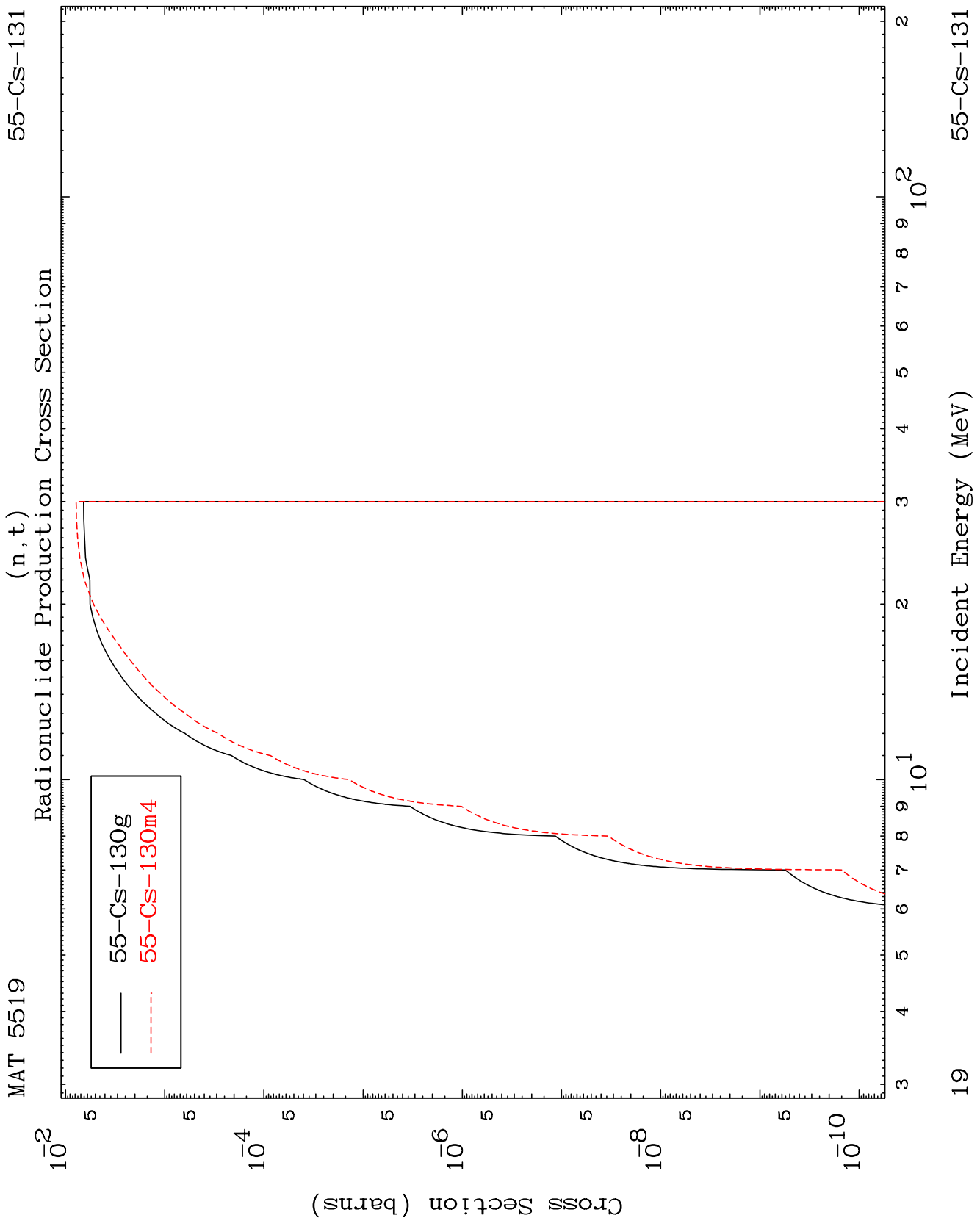


— 56-Ba-133g  
- - - 56-Ba-133m2

55-Cs-131

Incident Energy (MeV)

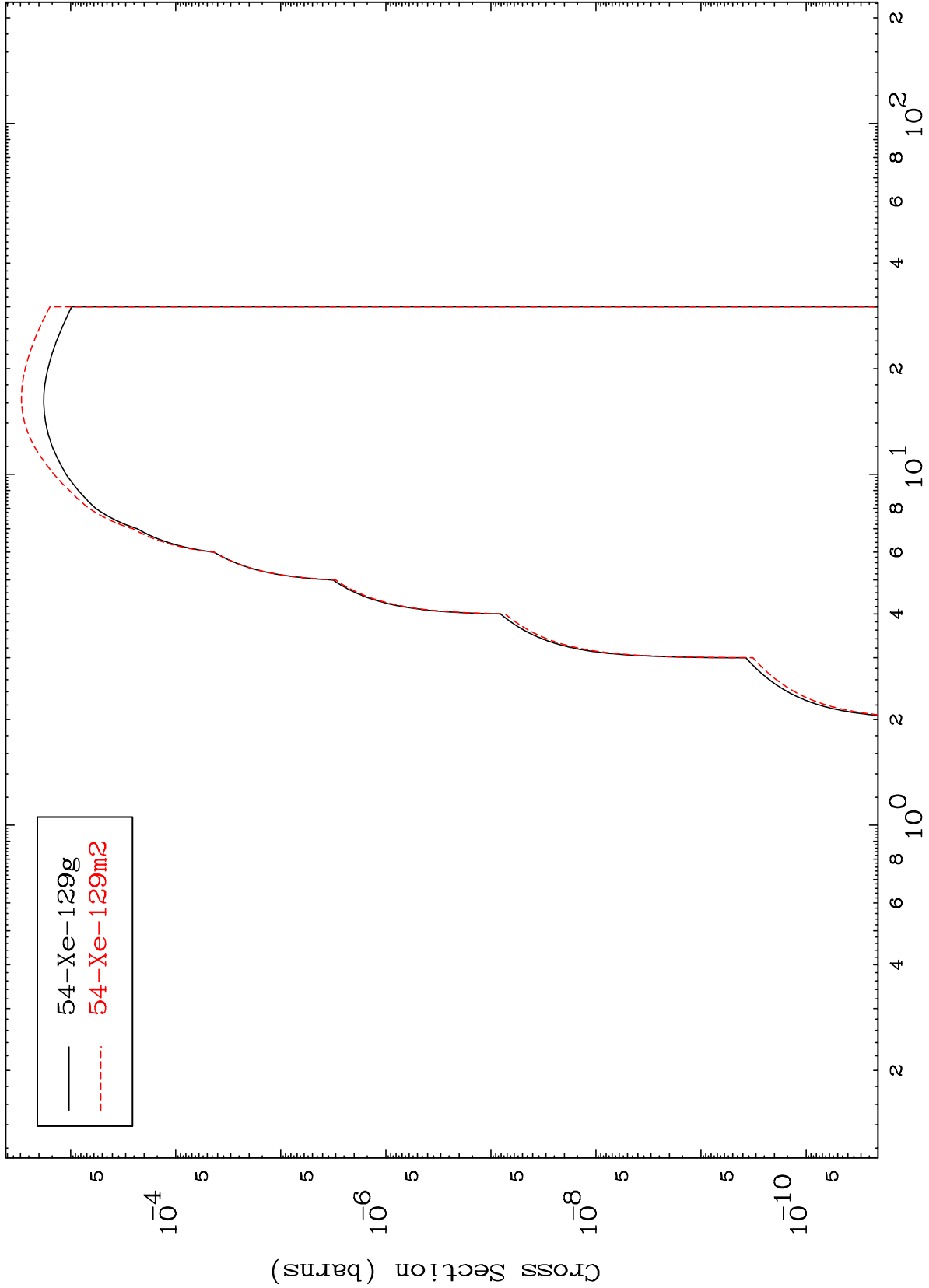
18



MAT 5519

55-Cs-131

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



20

55-Cs-131

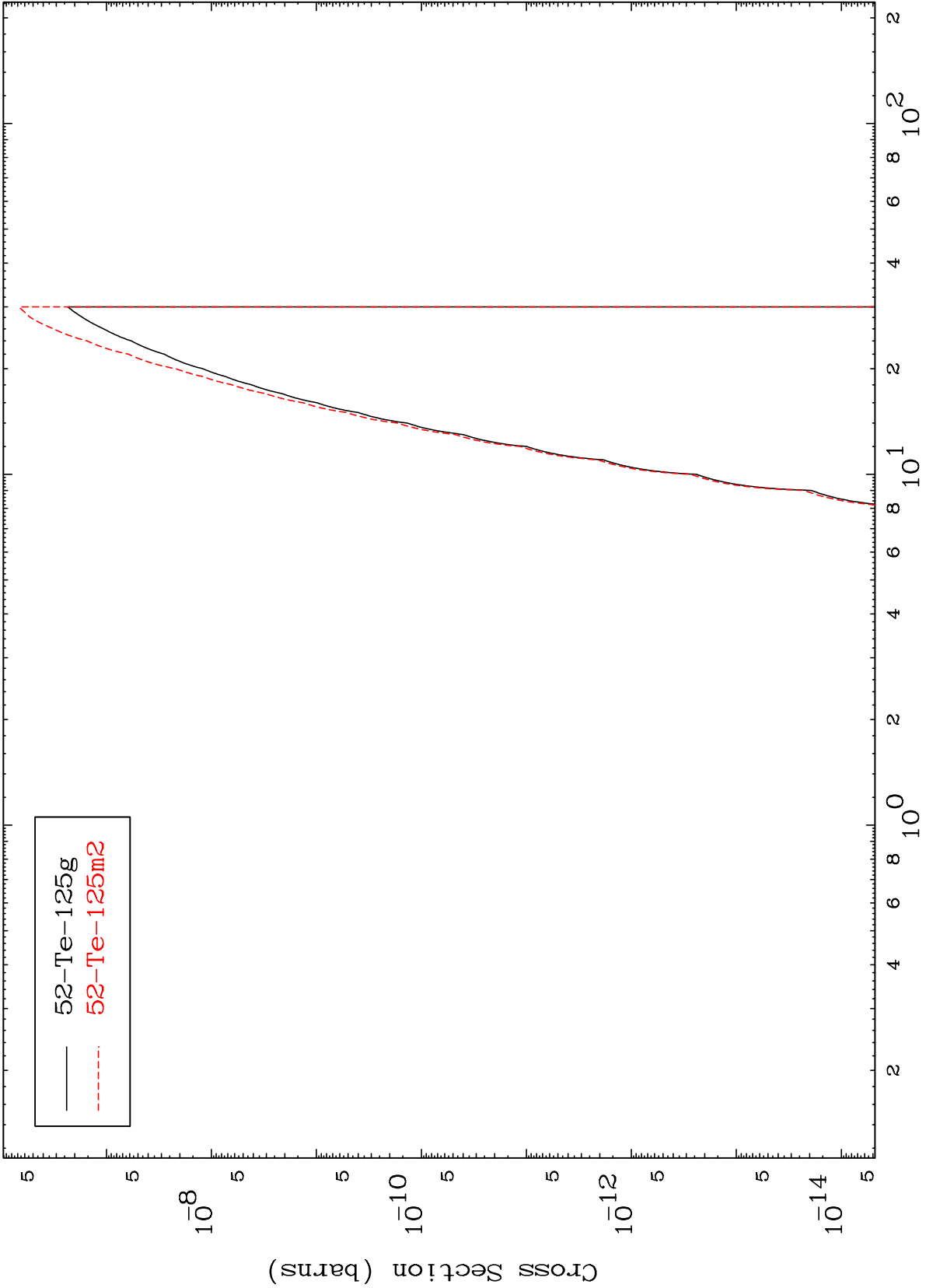
Incident Energy (MeV)

MAT 5519

(n,2α)

55-Cs-131

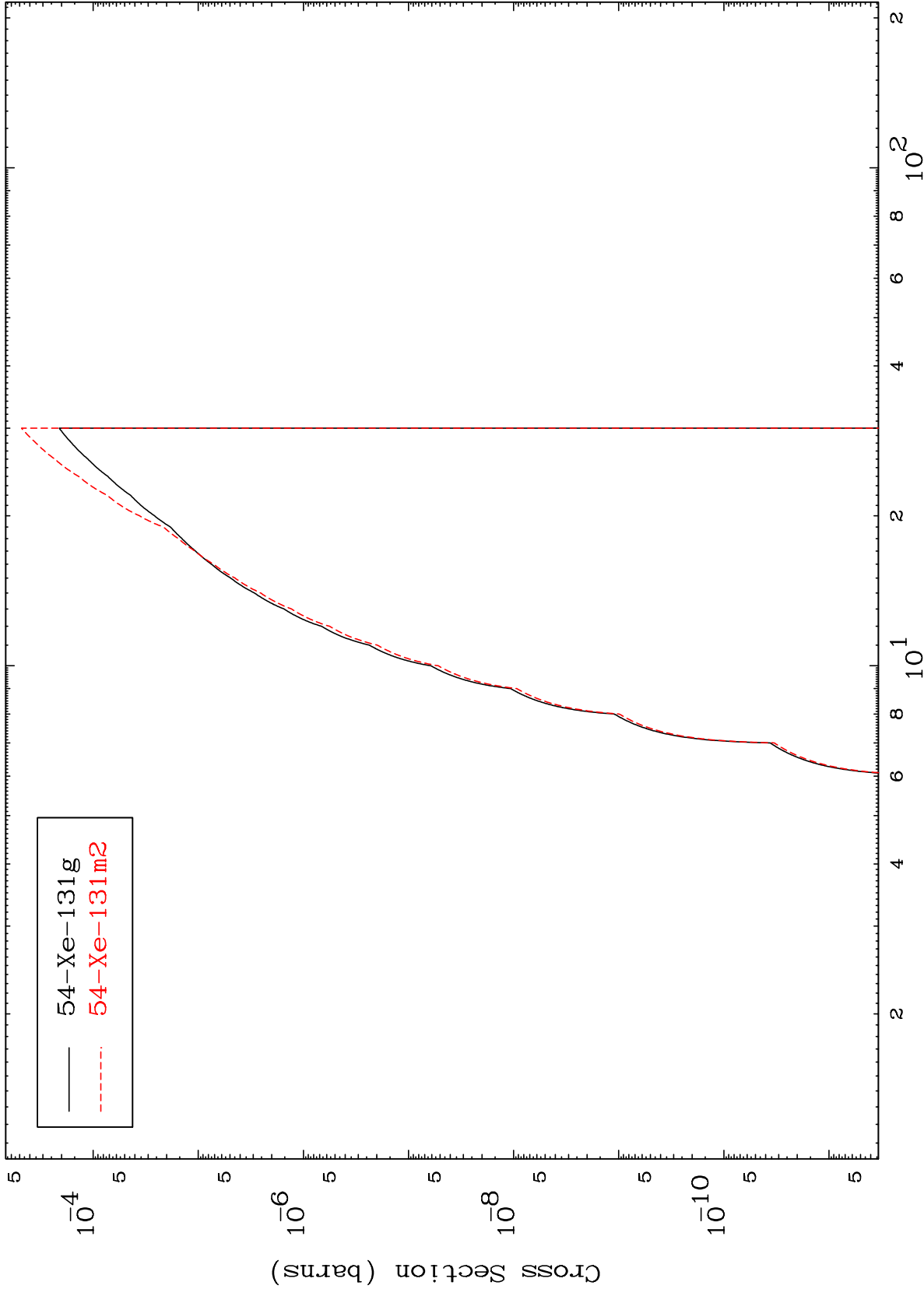
Radionuclide Production Cross Section



MAT 5519

55-Cs-131

(n,2p)  
Radionuclide Production Cross Section



55-Cs-131

Incident Energy (MeV)

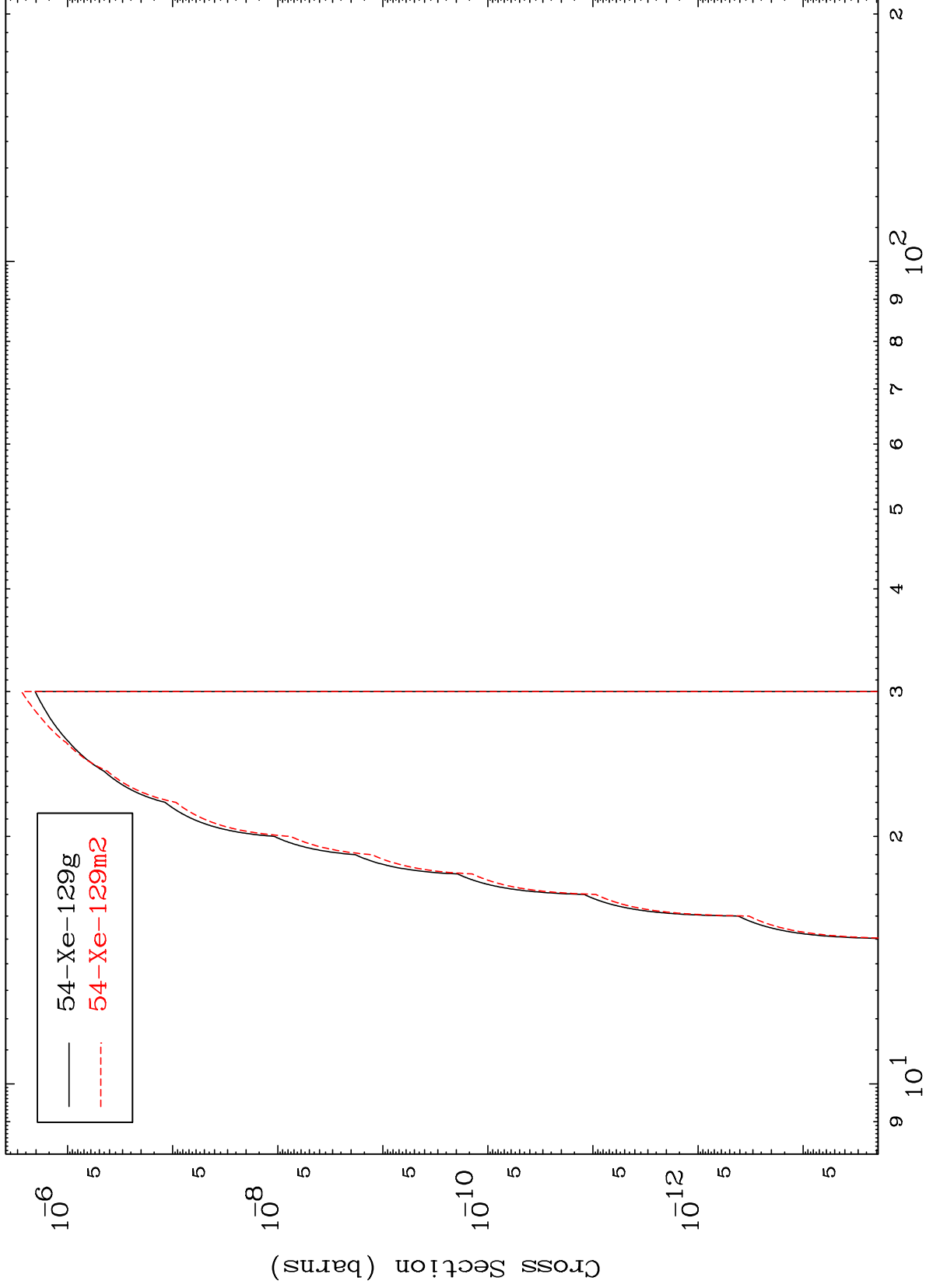
22

MAT 5519

(n,p) t

55-Cs-131

Radionuclide Production Cross Section



23

Incident Energy (MeV)

55-Cs-131