

Program EVALPLOT  
(Version 2021-1)

by

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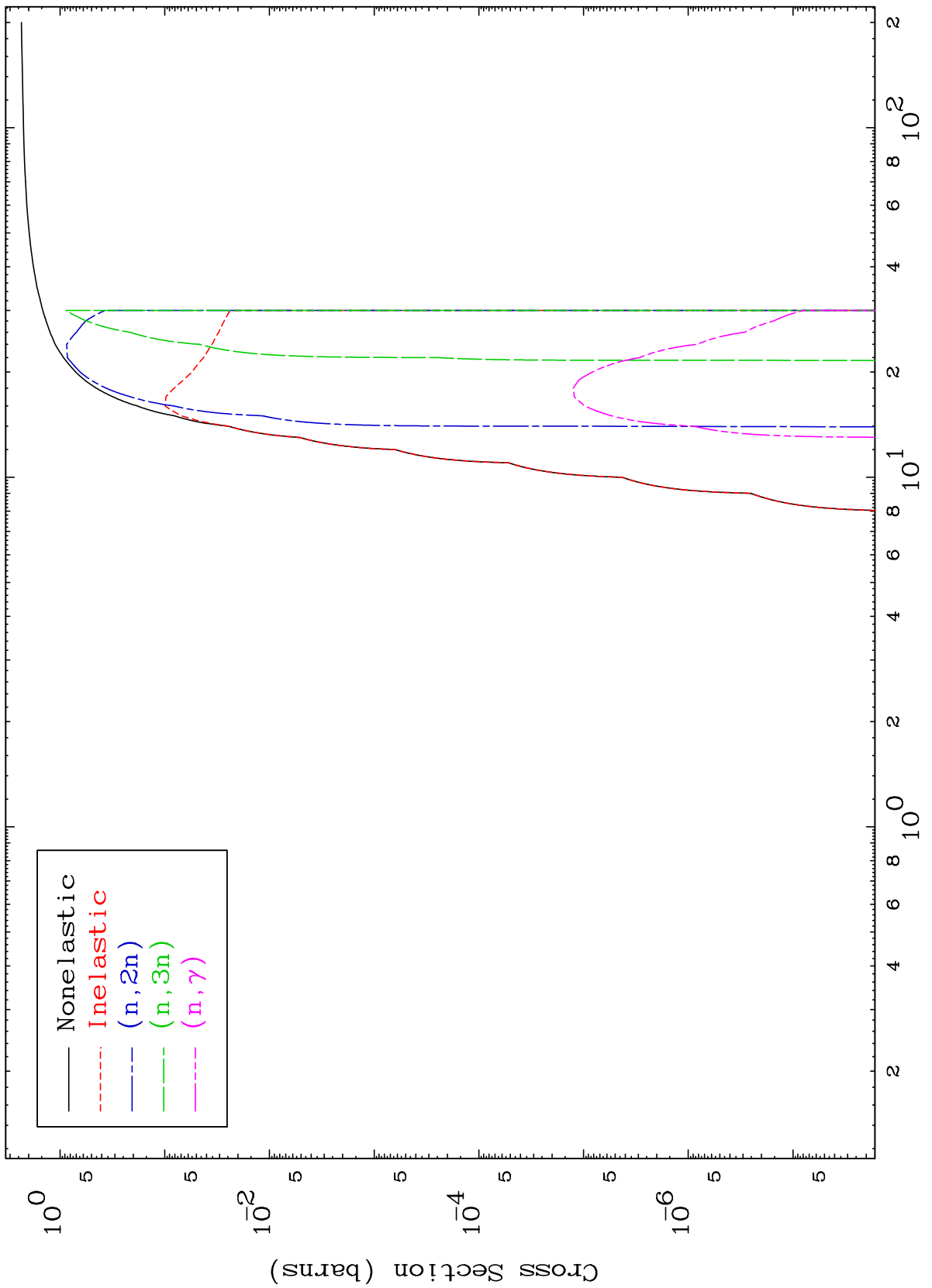
Press Mouse Button to Start

MAT 5534

$\alpha$  Major

55-Cs-136

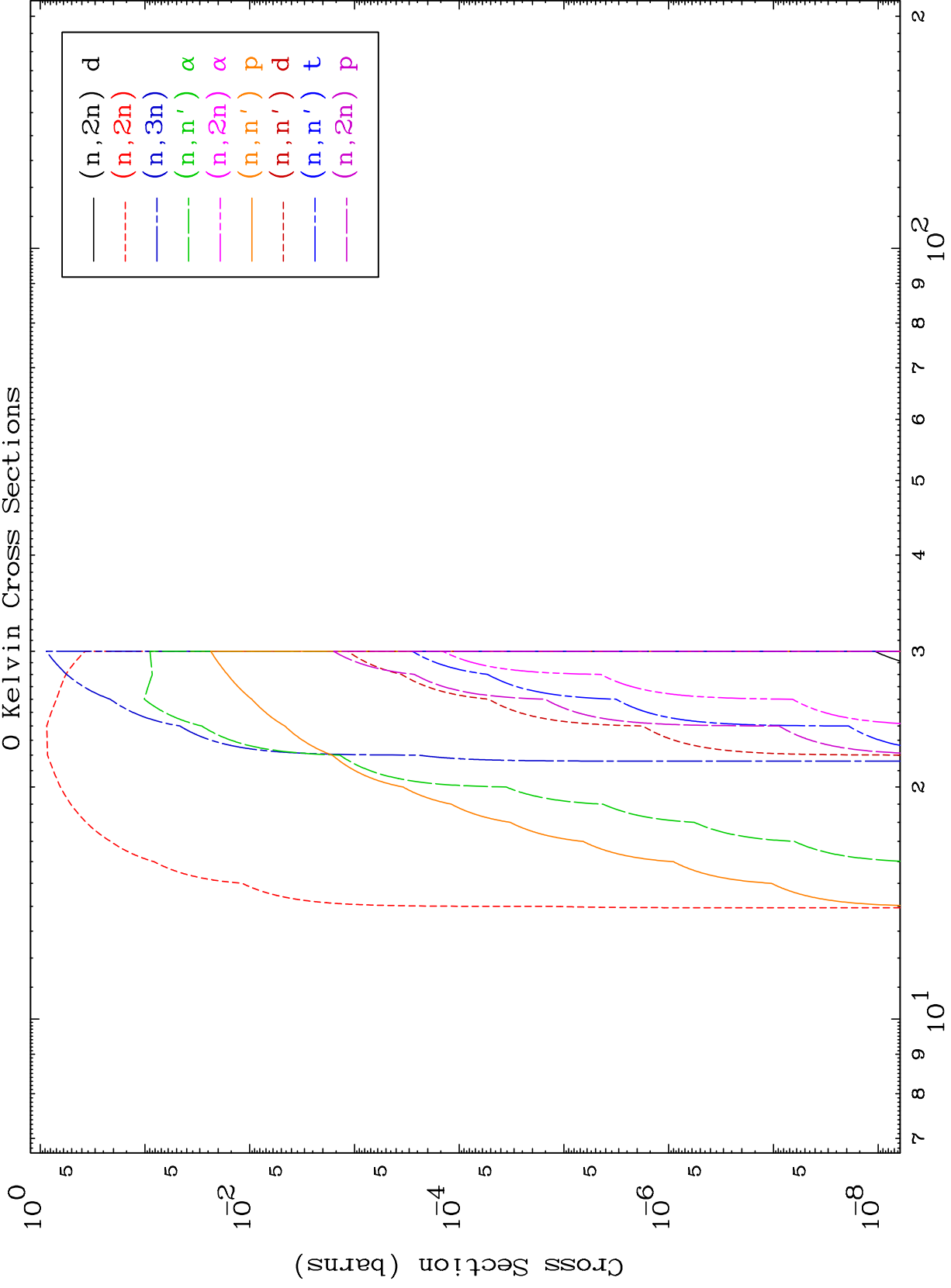
0 Kelvin Cross Sections



MAT 5534

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

55-Cs-136



2

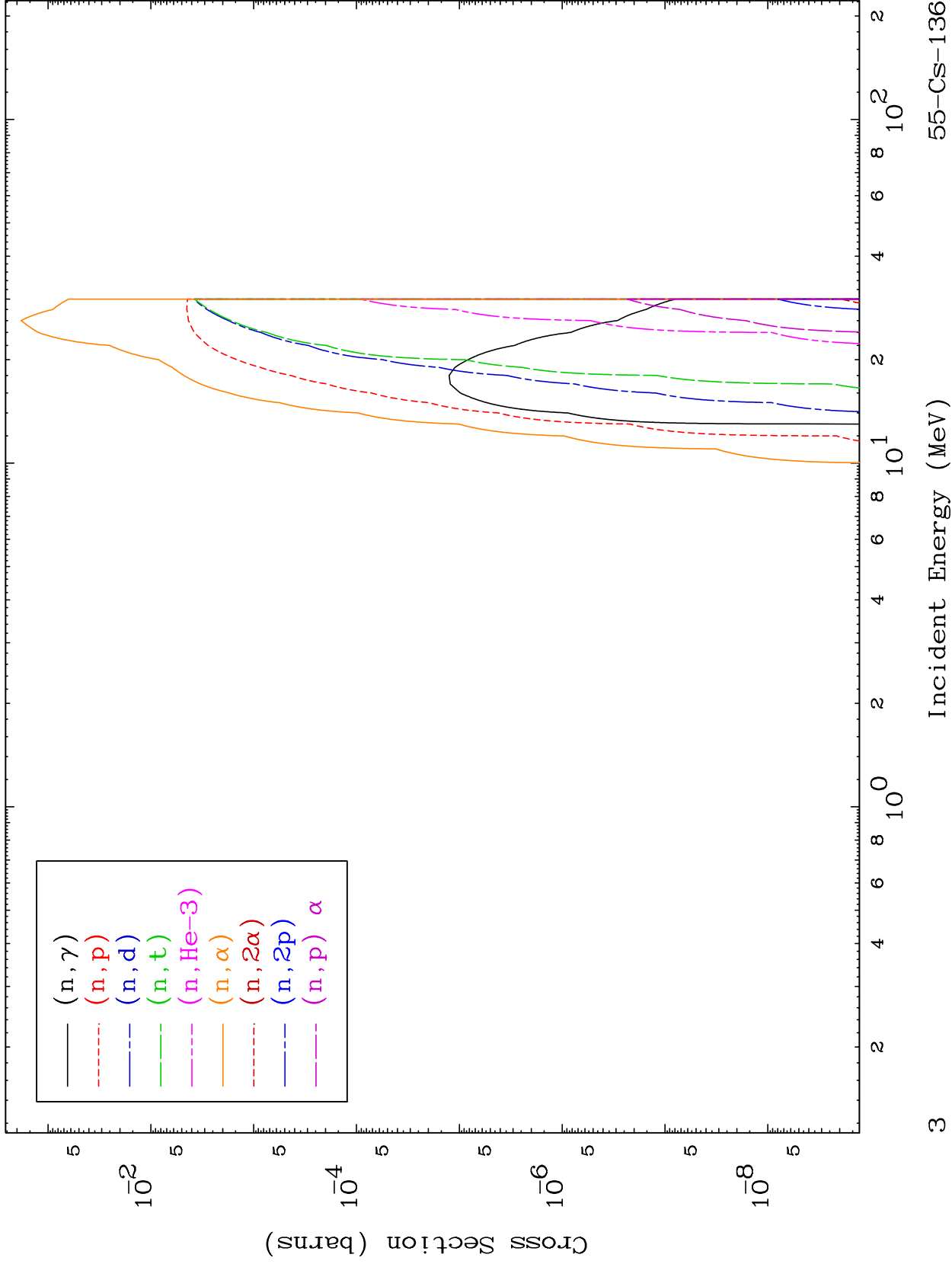
Incident Energy (MeV)

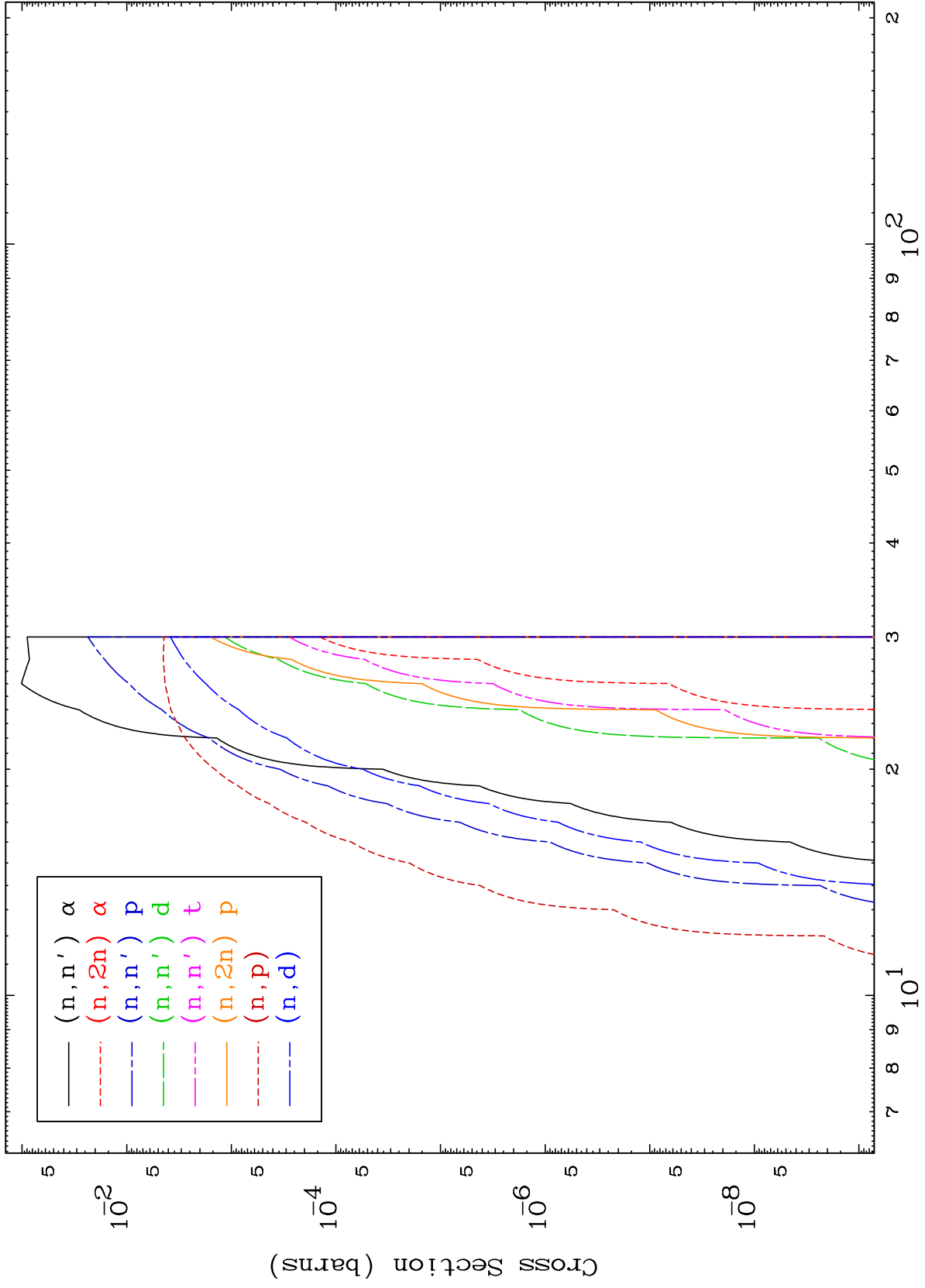
55-Cs-136

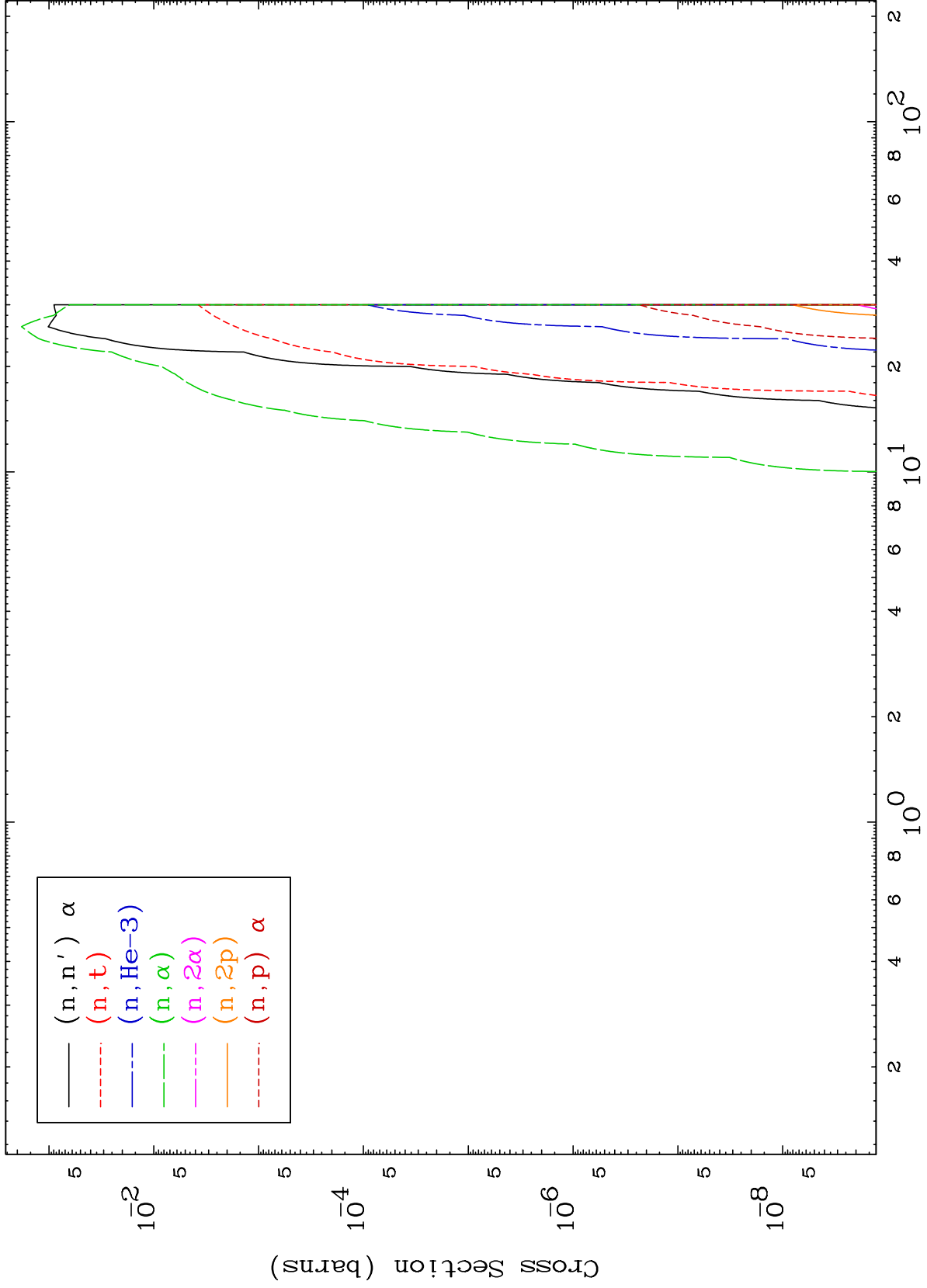
MAT 5534

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

55-Cs-136



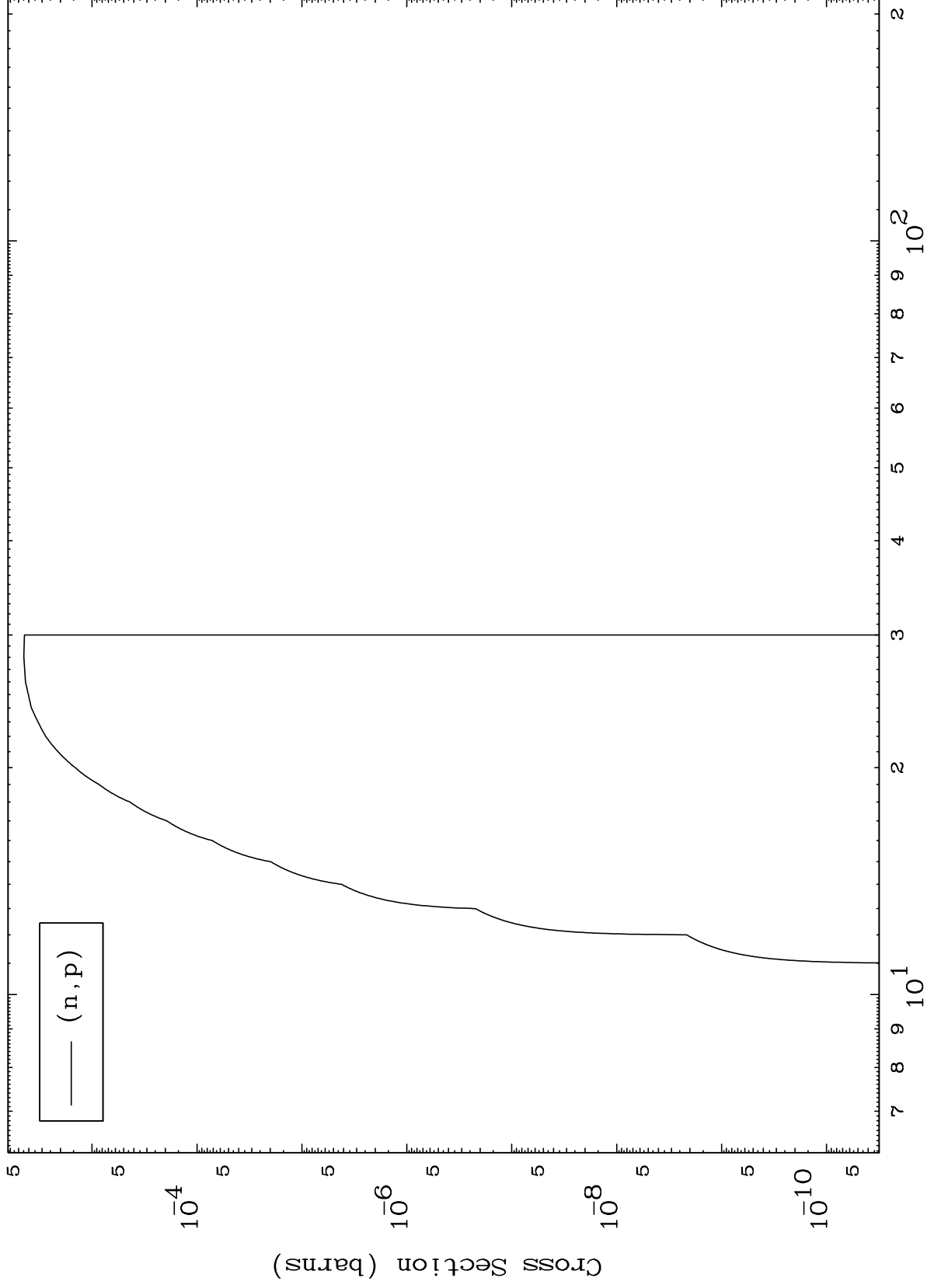




MAT 5534

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

55-Cs-136



6

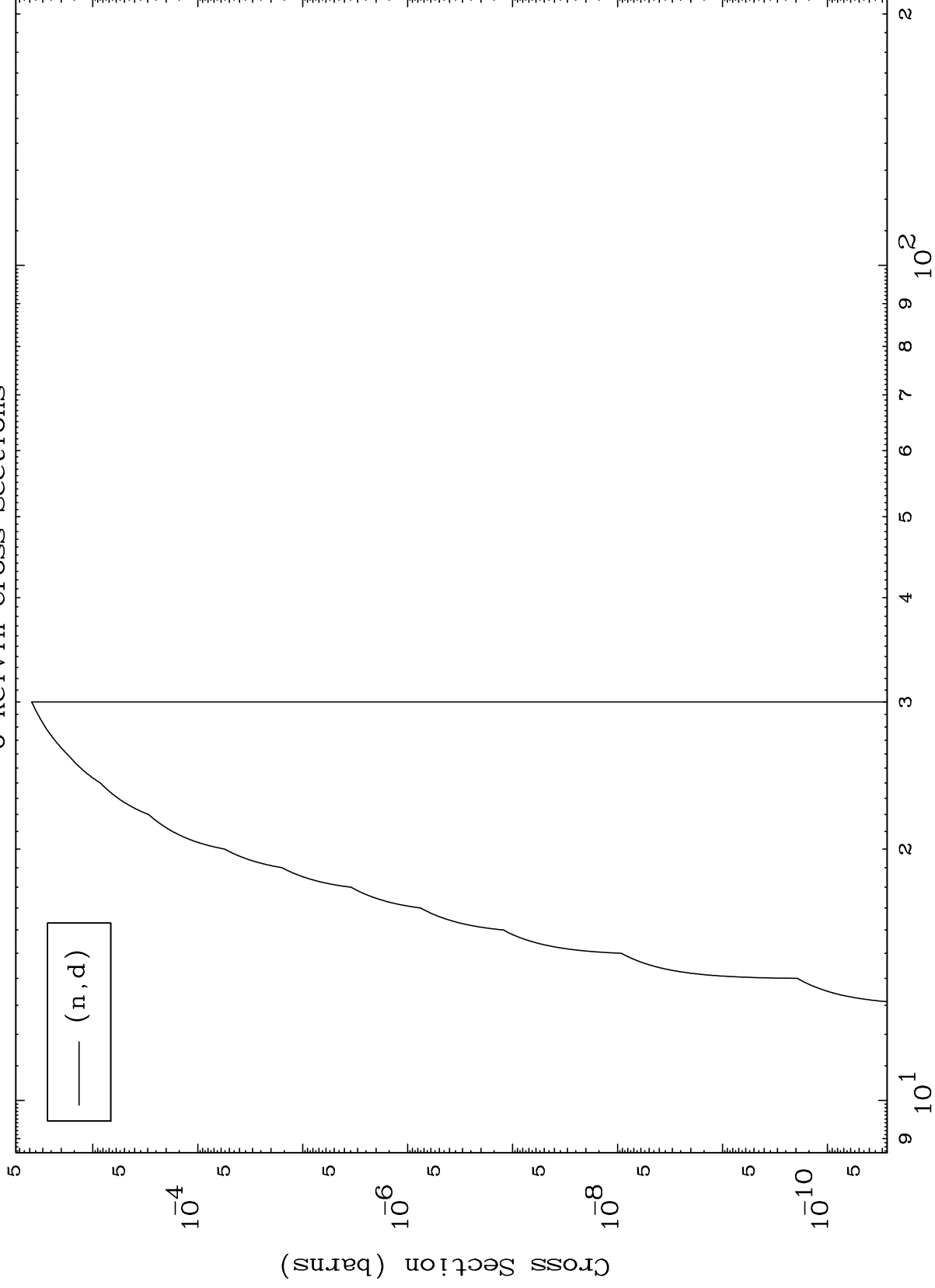
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

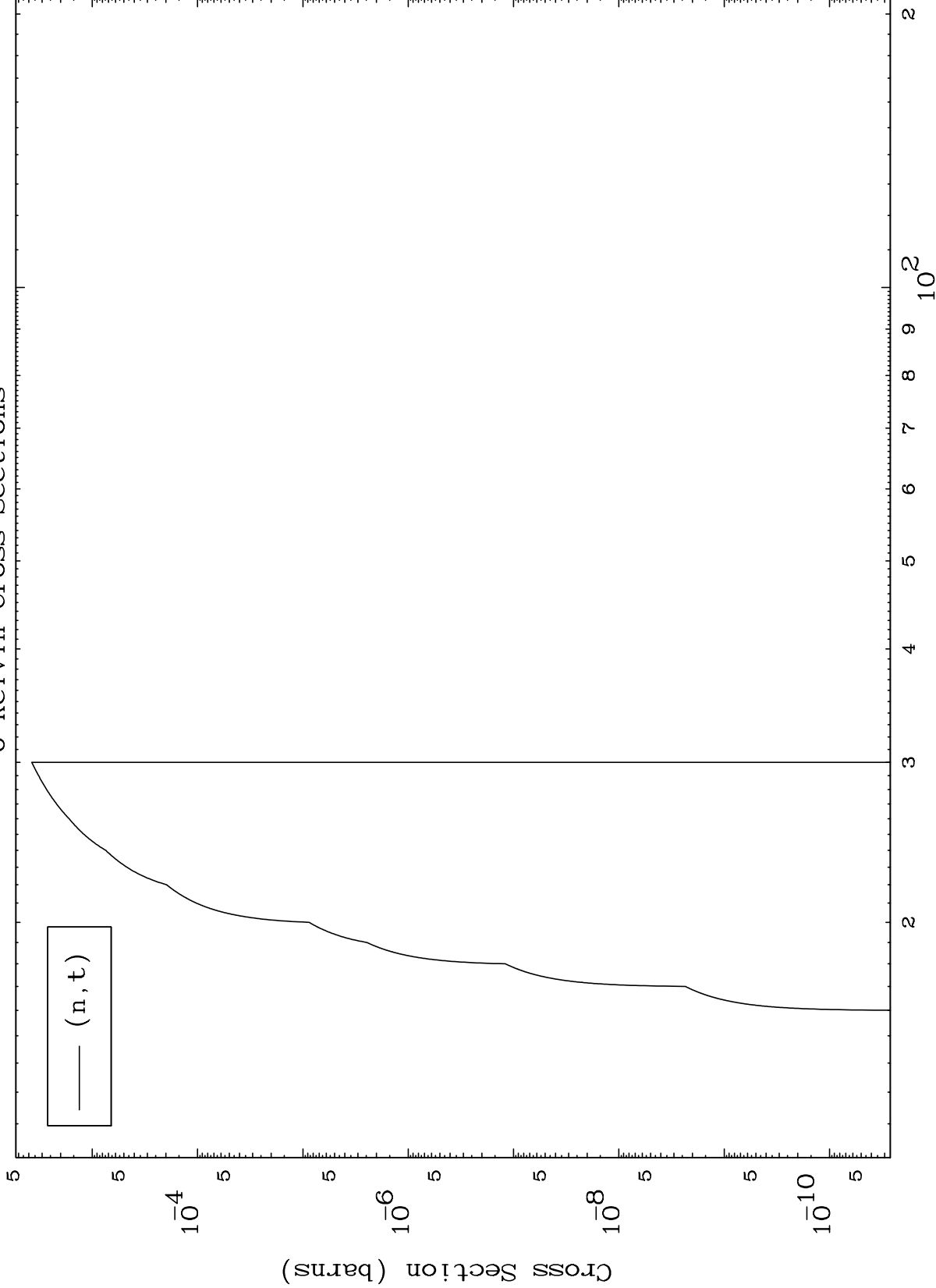
55-Cs-136



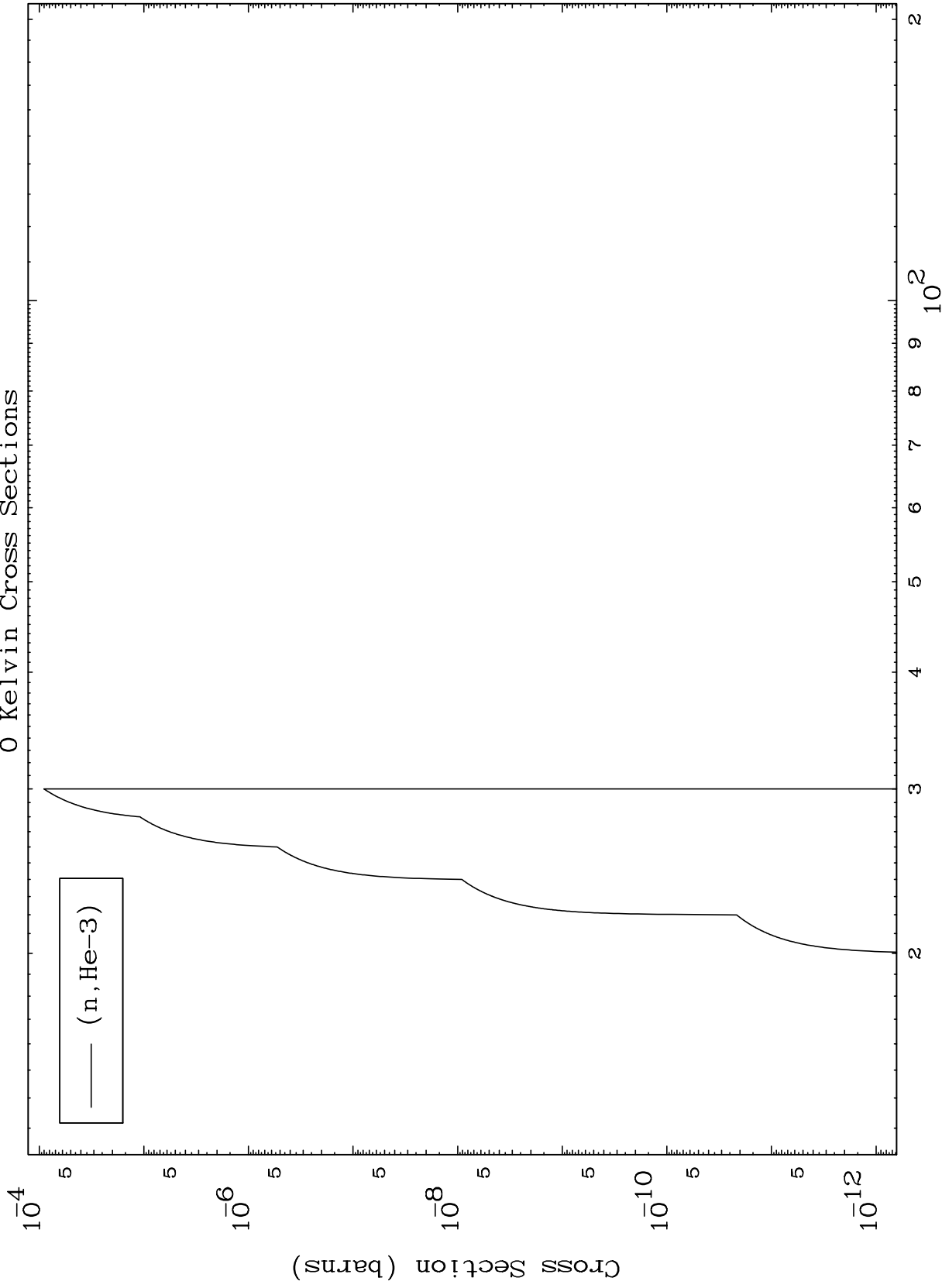
Incident Energy (MeV)

55-Cs-136





( $\alpha, \text{He3}$ ) Levels  
0 Kelvin Cross Sections



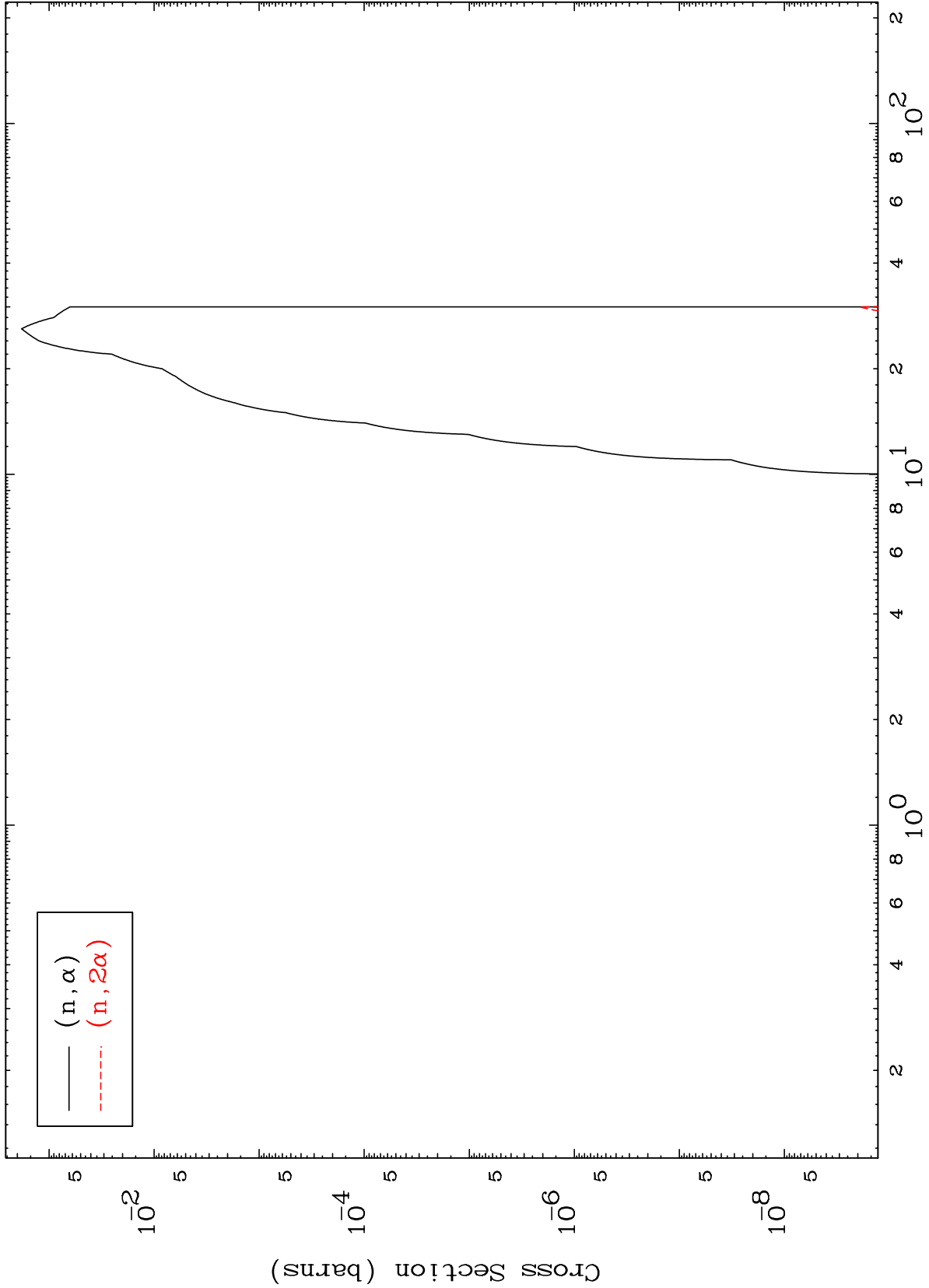
Incident Energy (MeV)

MAT 5534

( $\alpha, \alpha$ ) Levels

55-Cs-136

0 Kelvin Cross Sections



— (n,  $\alpha$ )  
- - - (n,  $2\alpha$ )

10

Incident Energy (MeV)

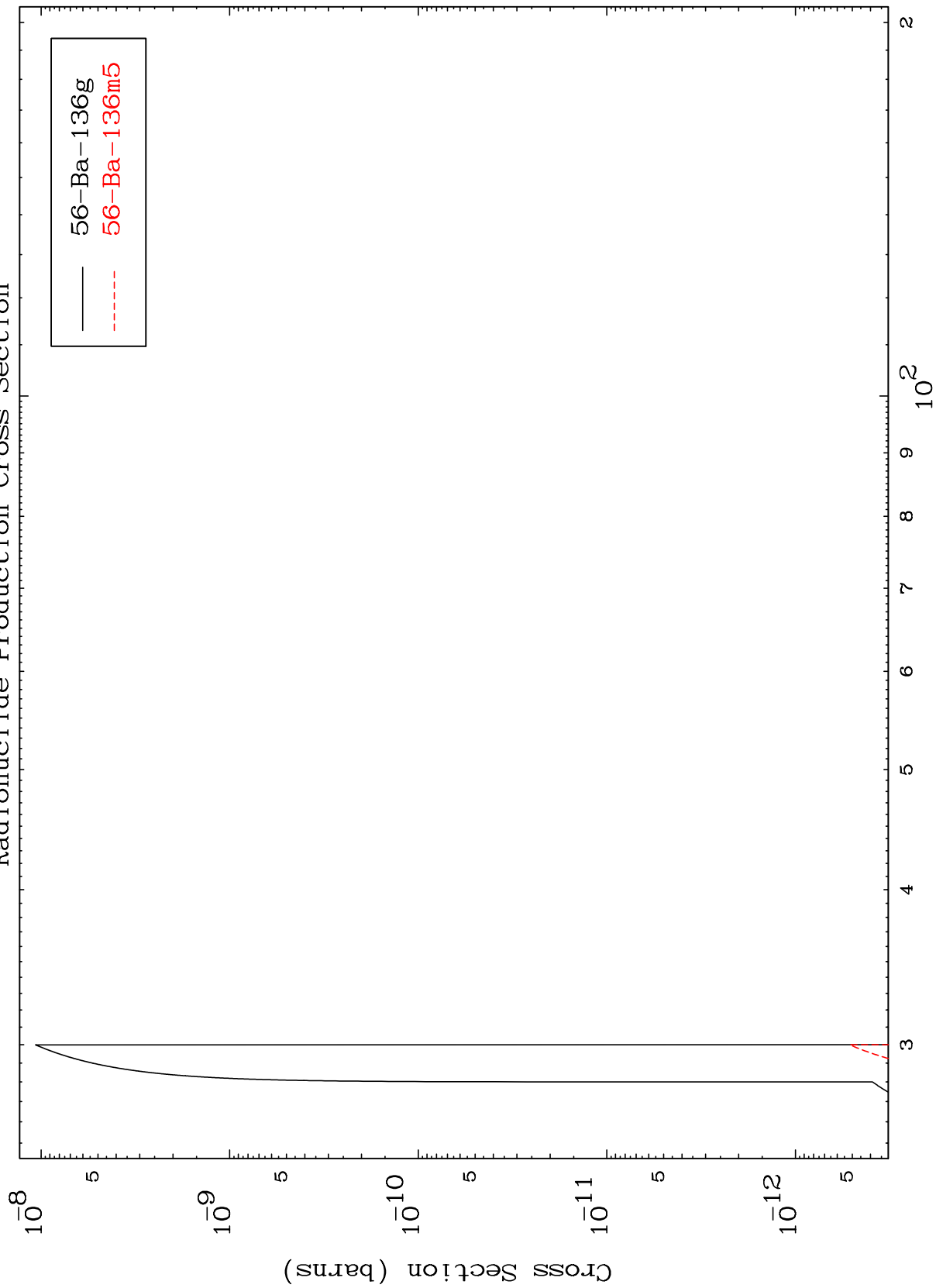
55-Cs-136

MAT 5534

(n,2n) d

55-Cs-136

Radionuclide Production Cross Section



11

Incident Energy (MeV)

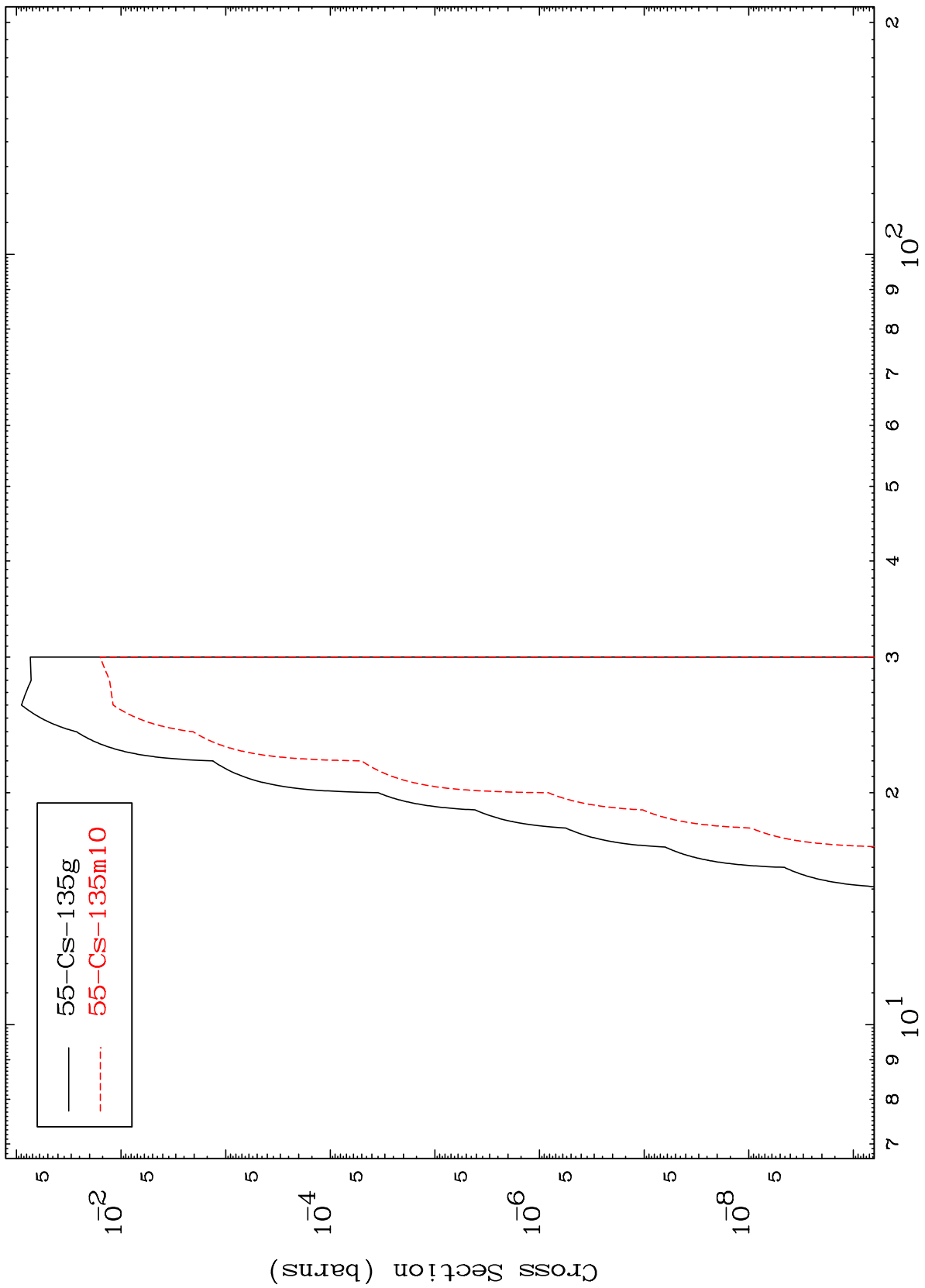
55-Cs-136

MAT 5534

(n,n')  $\alpha$

55-Cs-136

Radionuclide Production Cross Section



12

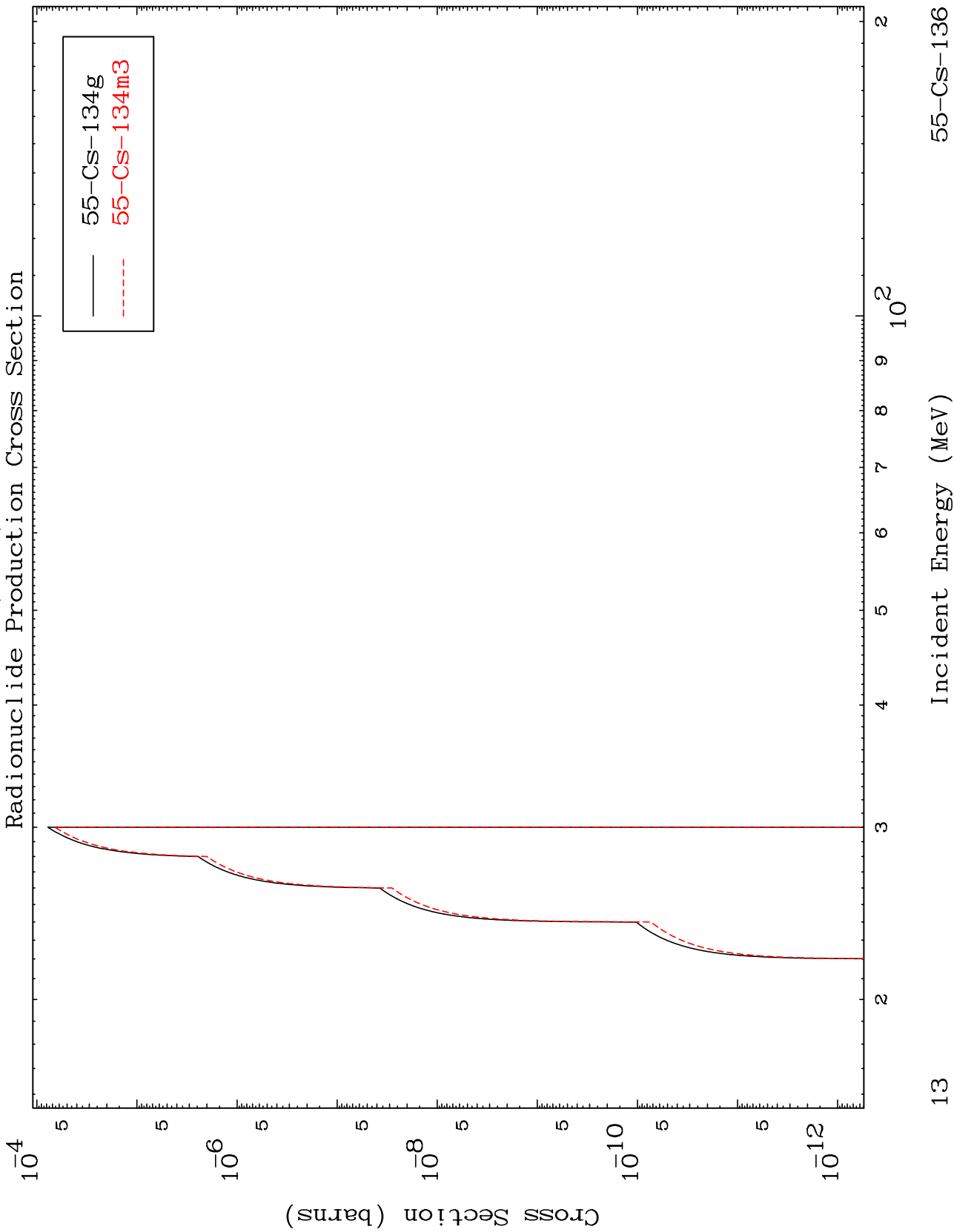
Incident Energy (MeV)

55-Cs-136

MAT 5534

(n,2n)  $\alpha$

55-Cs-136



13

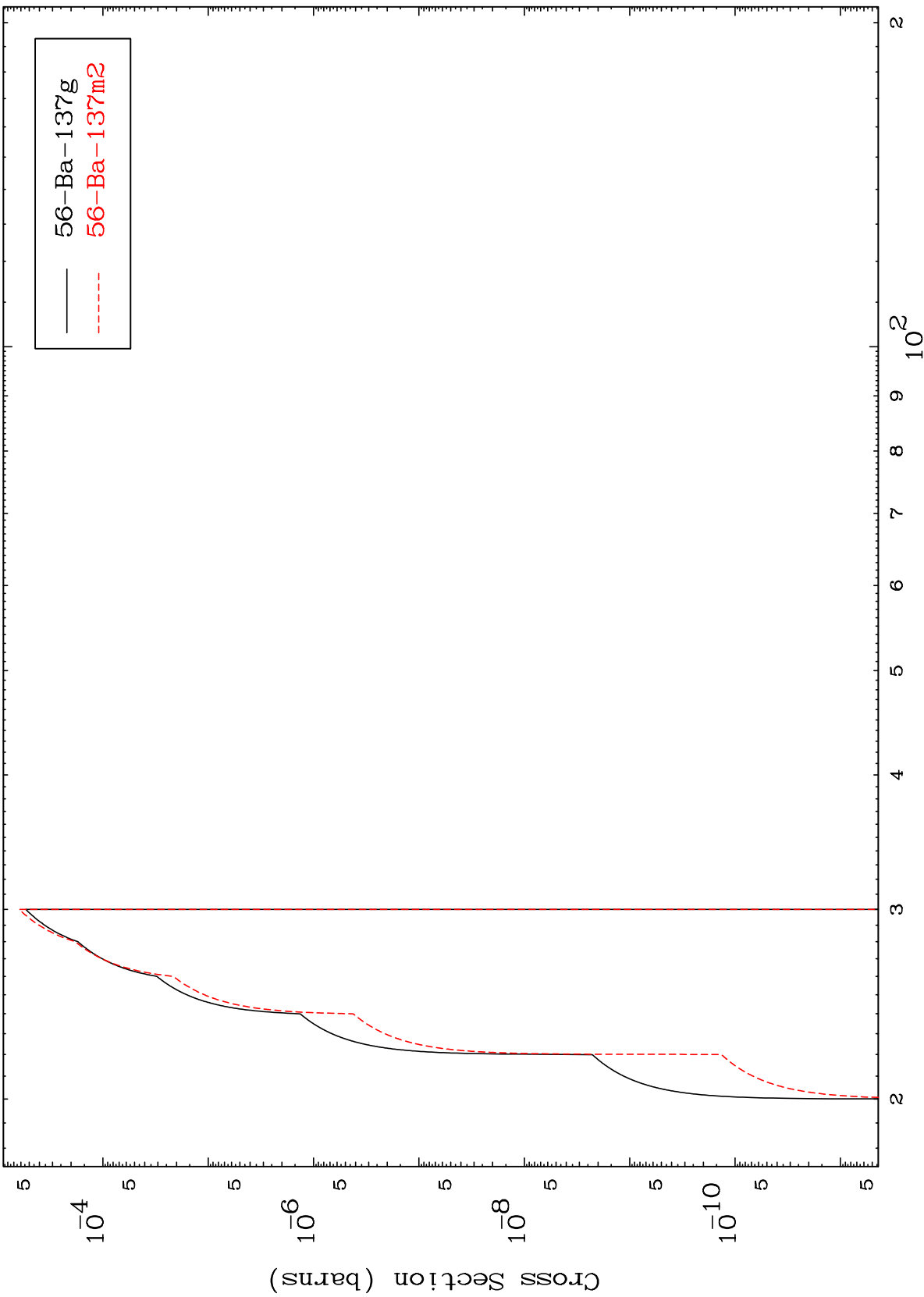
55-Cs-136

MAT 5534

(n,n') d

55-Cs-136

Radionuclide Production Cross Section



14

Incident Energy (MeV)

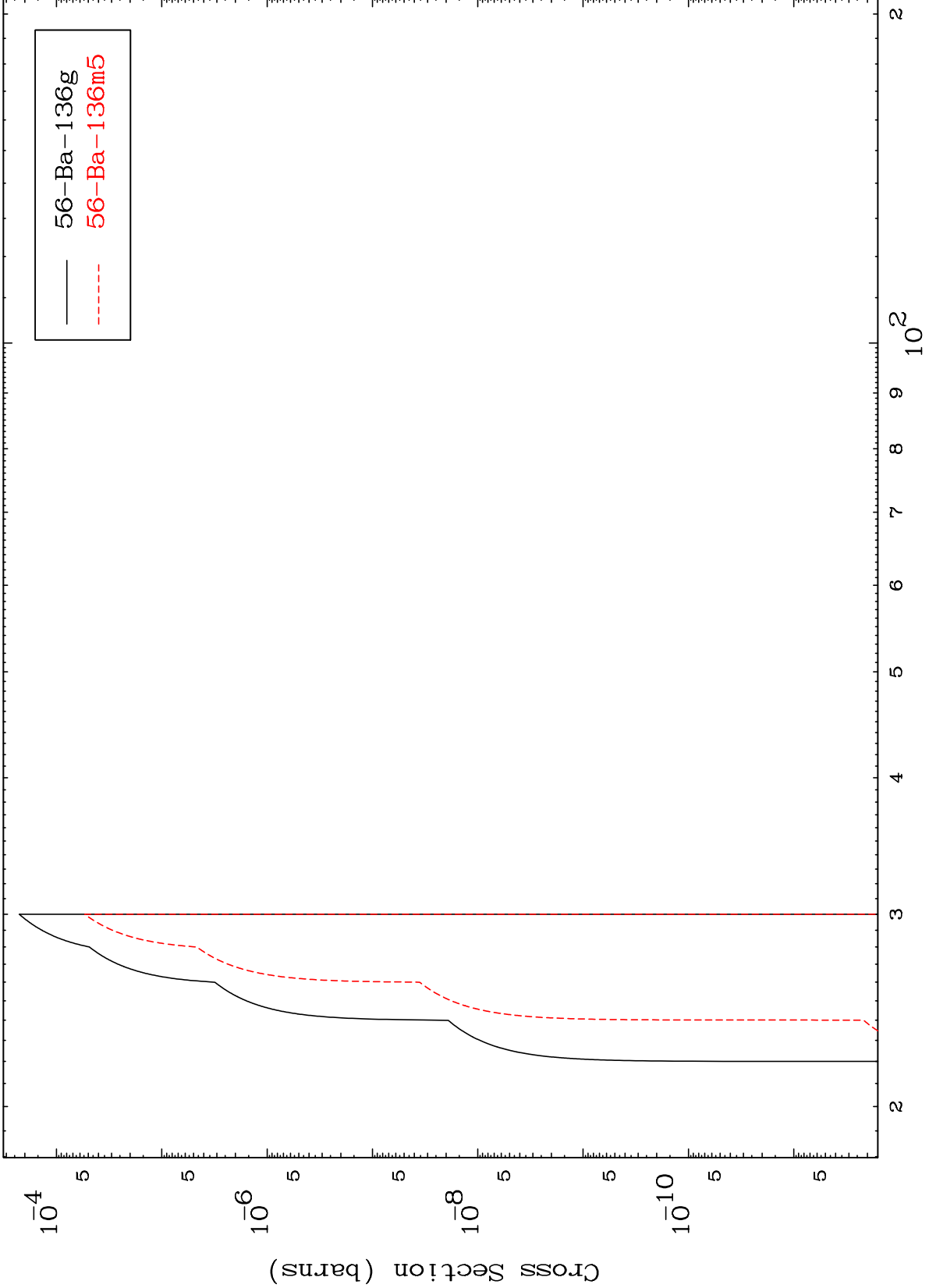
55-Cs-136

MAT 5534

(n,n') t

55-Cs-136

Radionuclide Production Cross Section



15

Incident Energy (MeV)

55-Cs-136

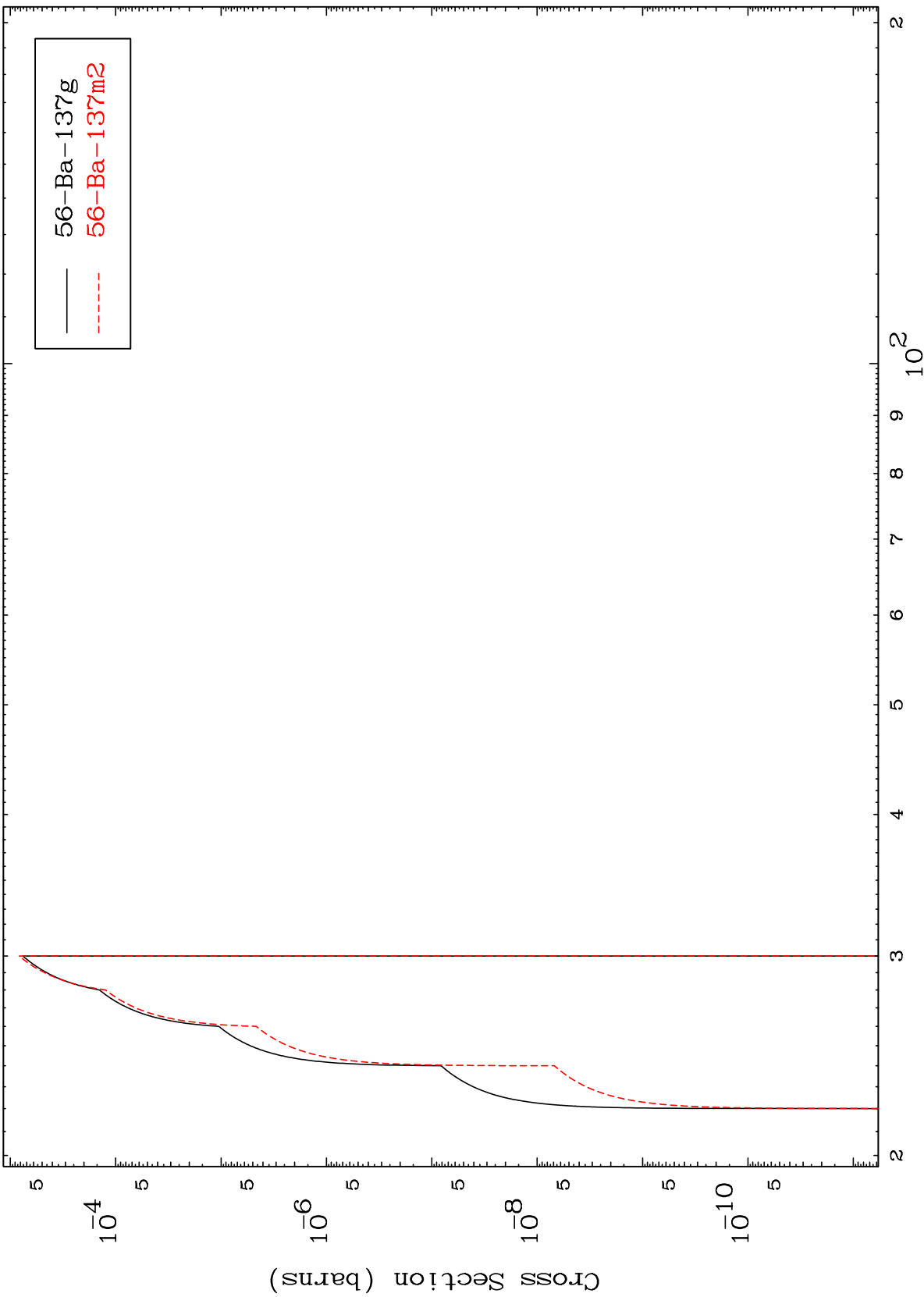


MAT 5534

(n,2n) p

55-Cs-136

Radionuclide Production Cross Section



16

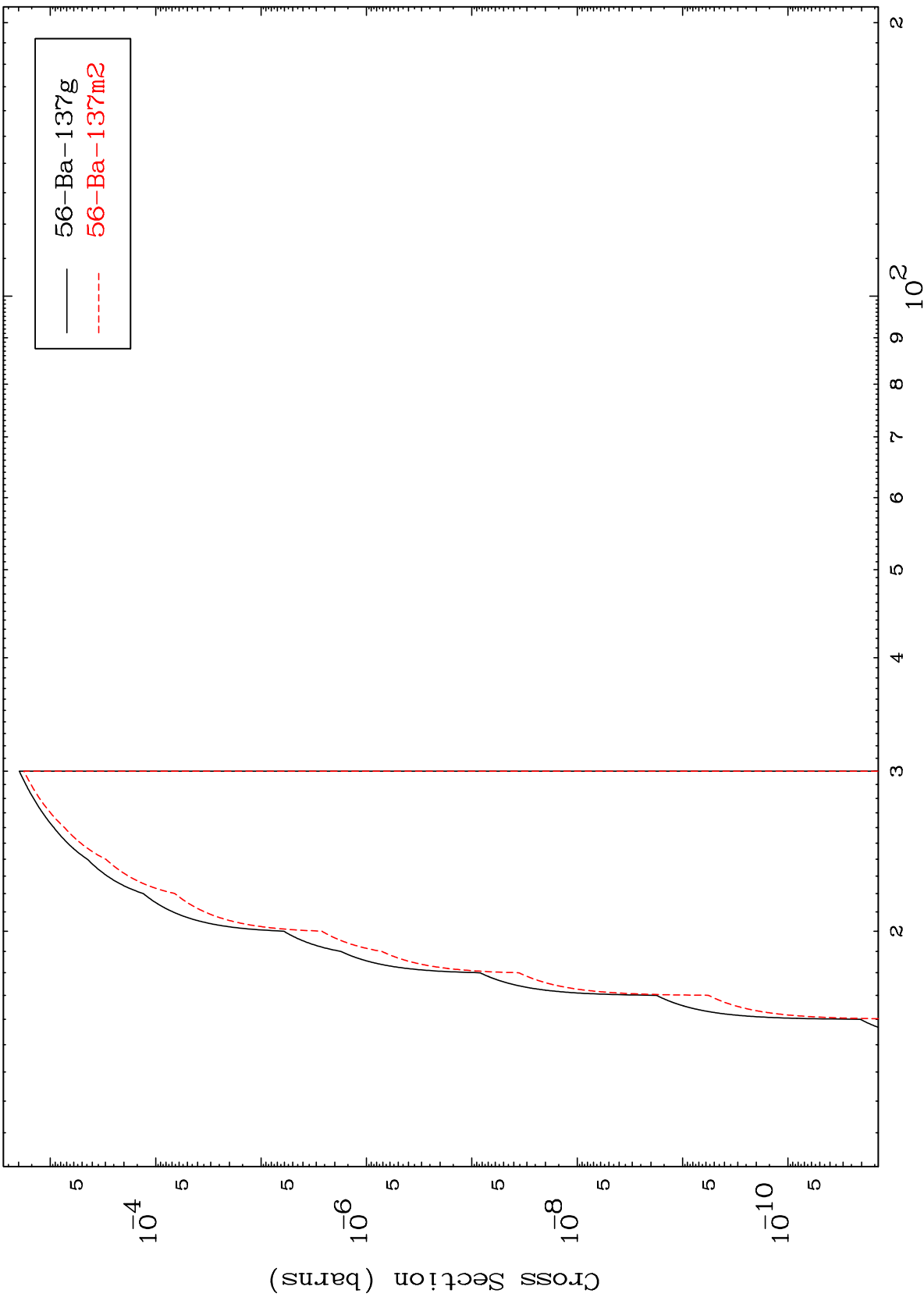
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

(n,t)  
Radionuclide Production Cross Section



17

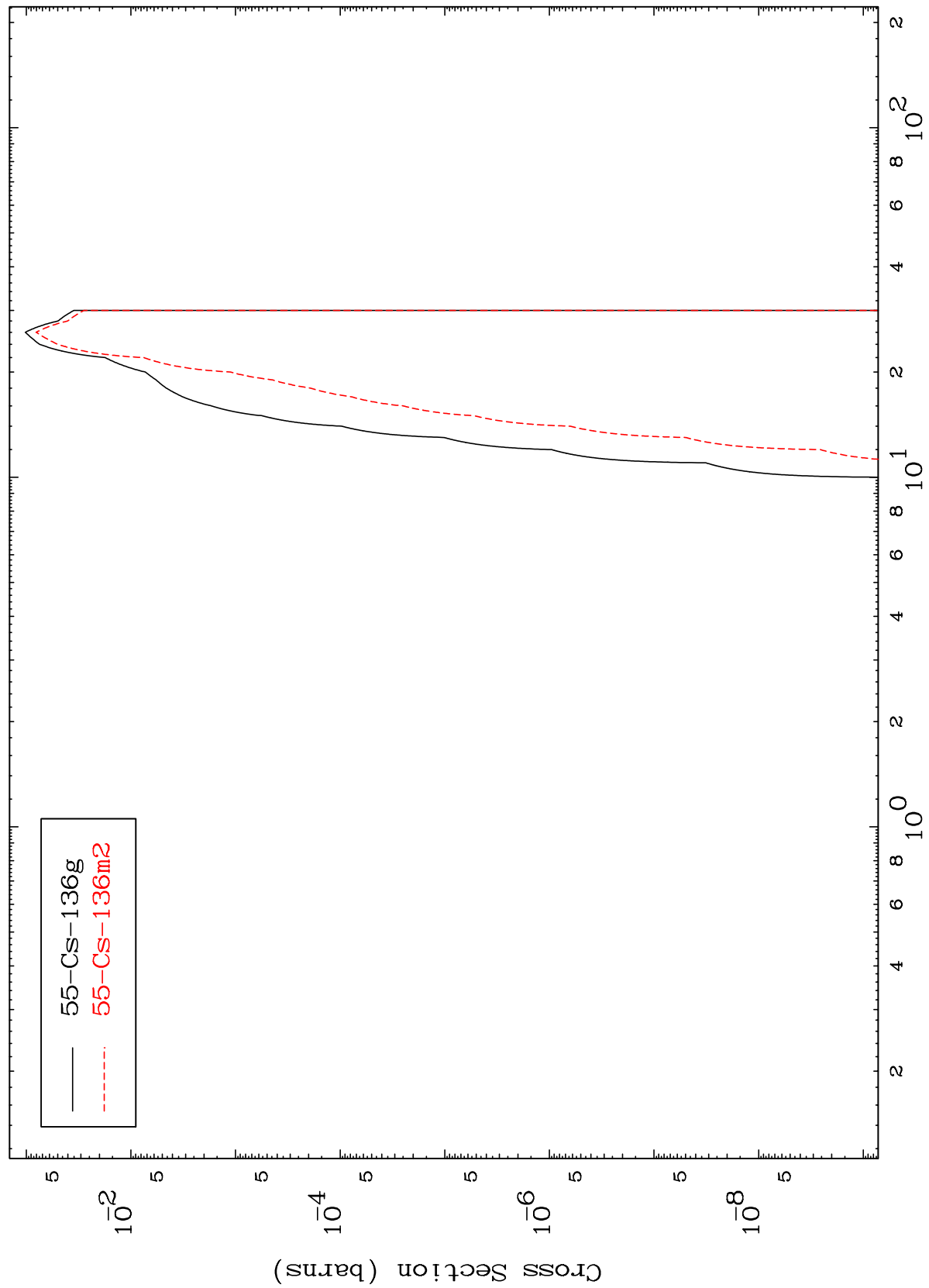
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

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



18

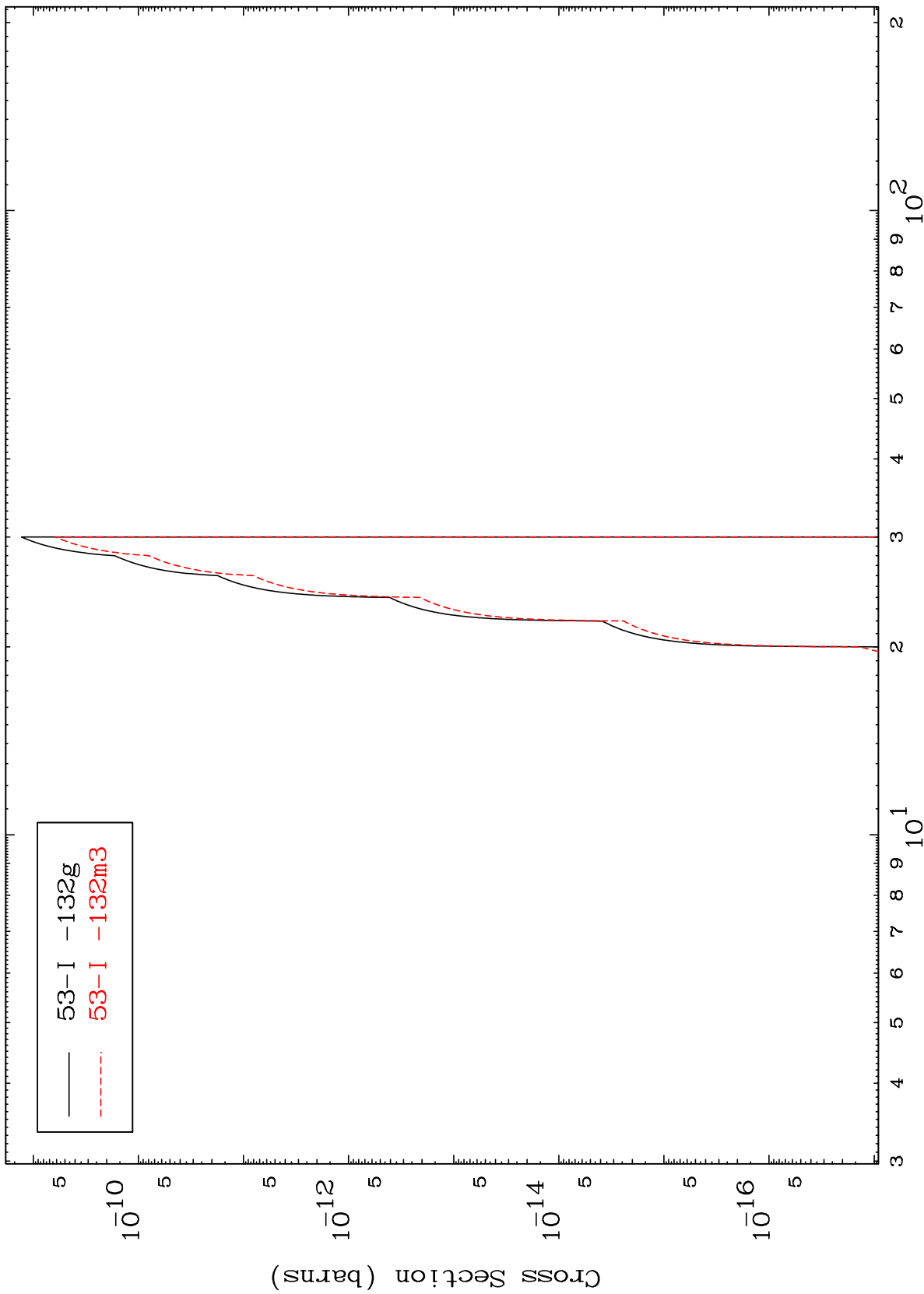
55-Cs-136

Incident Energy (MeV)

MAT 5534

55-Cs-136

(n,2α)  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

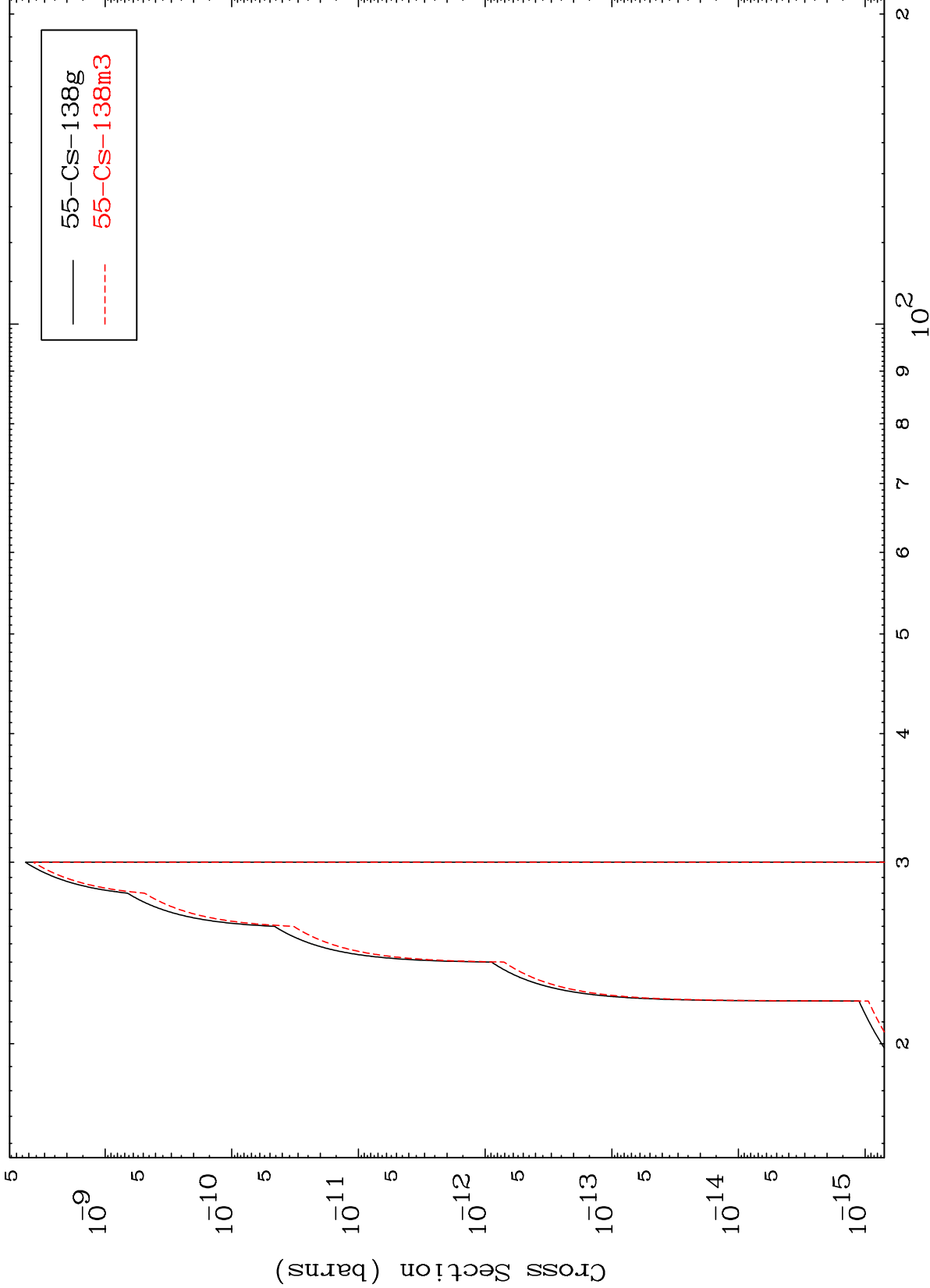
55-Cs-136

MAT 5534

(n,2p)

55-Cs-136

Radionuclide Production Cross Section



20

Incident Energy (MeV)

55-Cs-136

MAT 5534

(n,p)  $\alpha$

55-Cs-136

Radionuclide Production Cross Section

