

Program EVALPLOT  
(Version 2021-1)

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

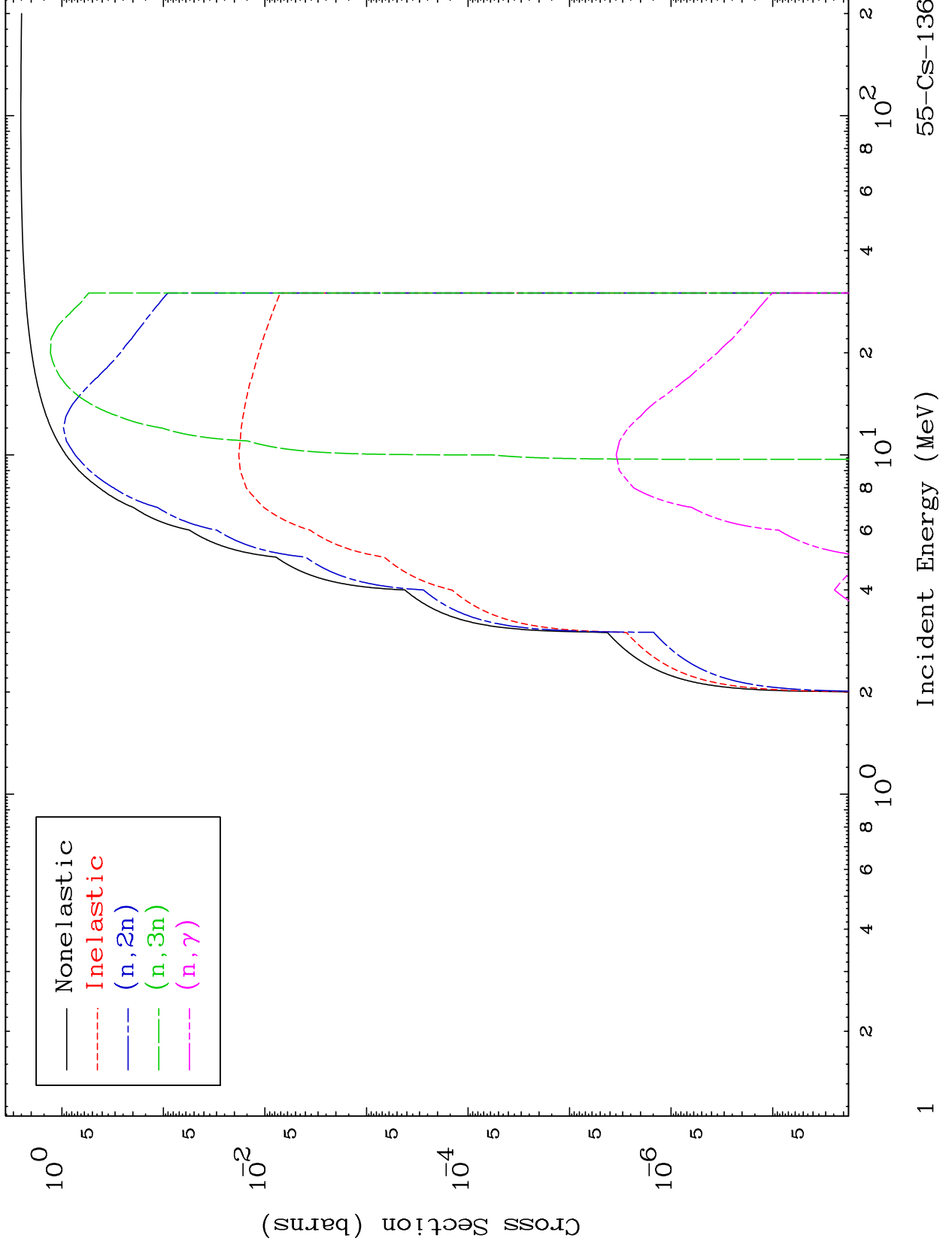
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Press Mouse Button to Start

MAT 5534

Deuteron Major  
0 Kelvin Cross Sections

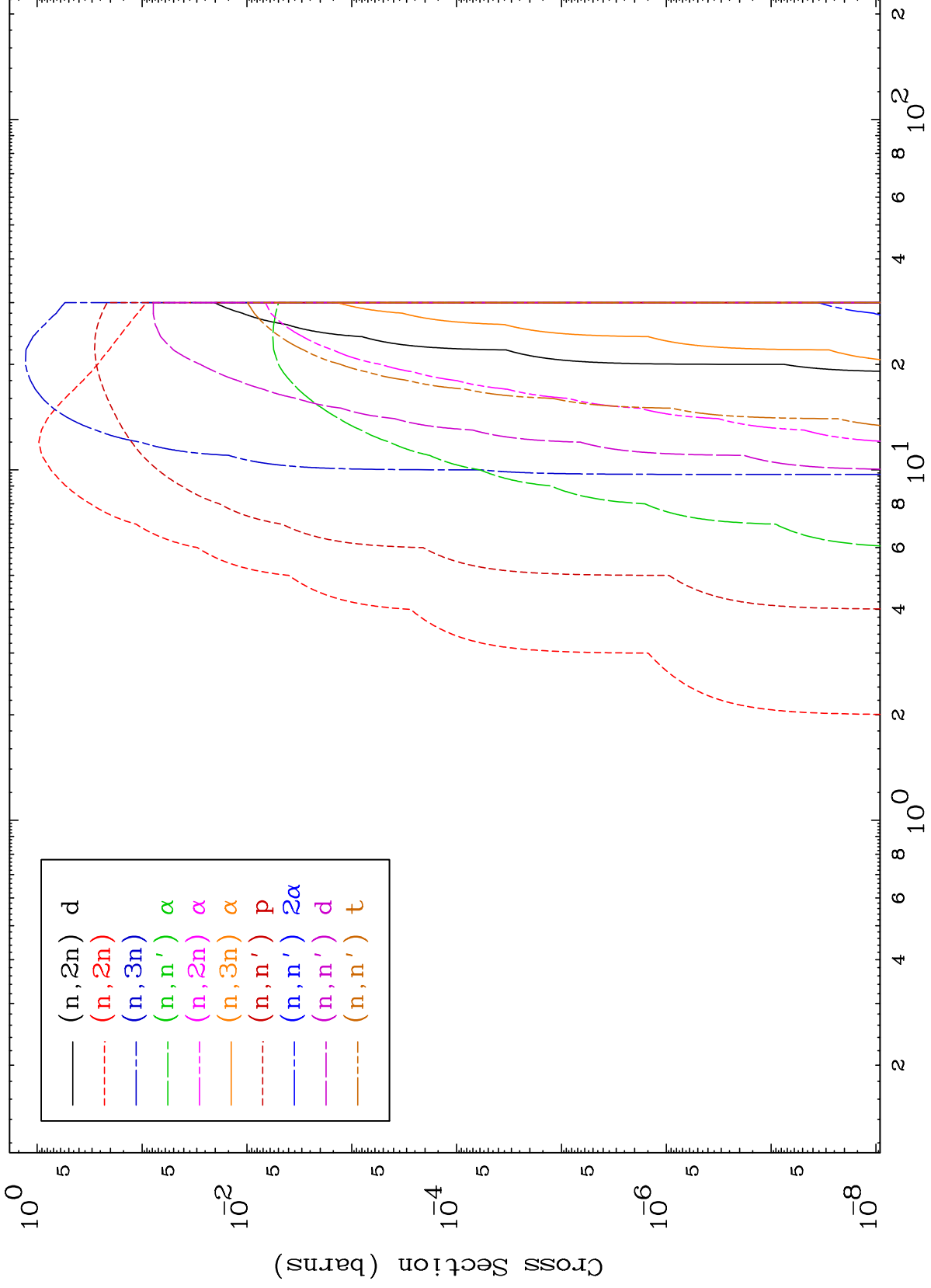
55-Cs-136



MAT 5534

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

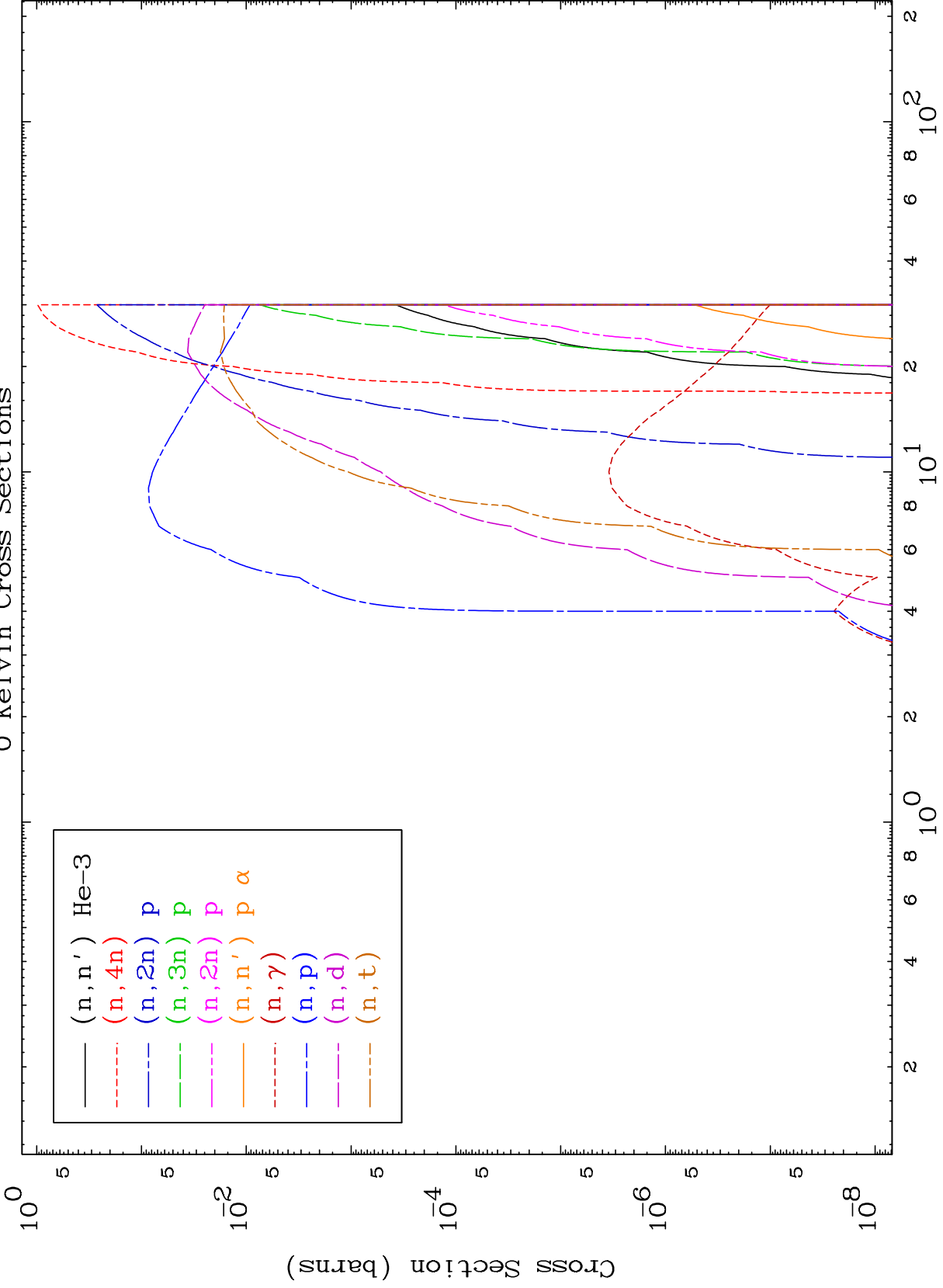
55-Cs-136

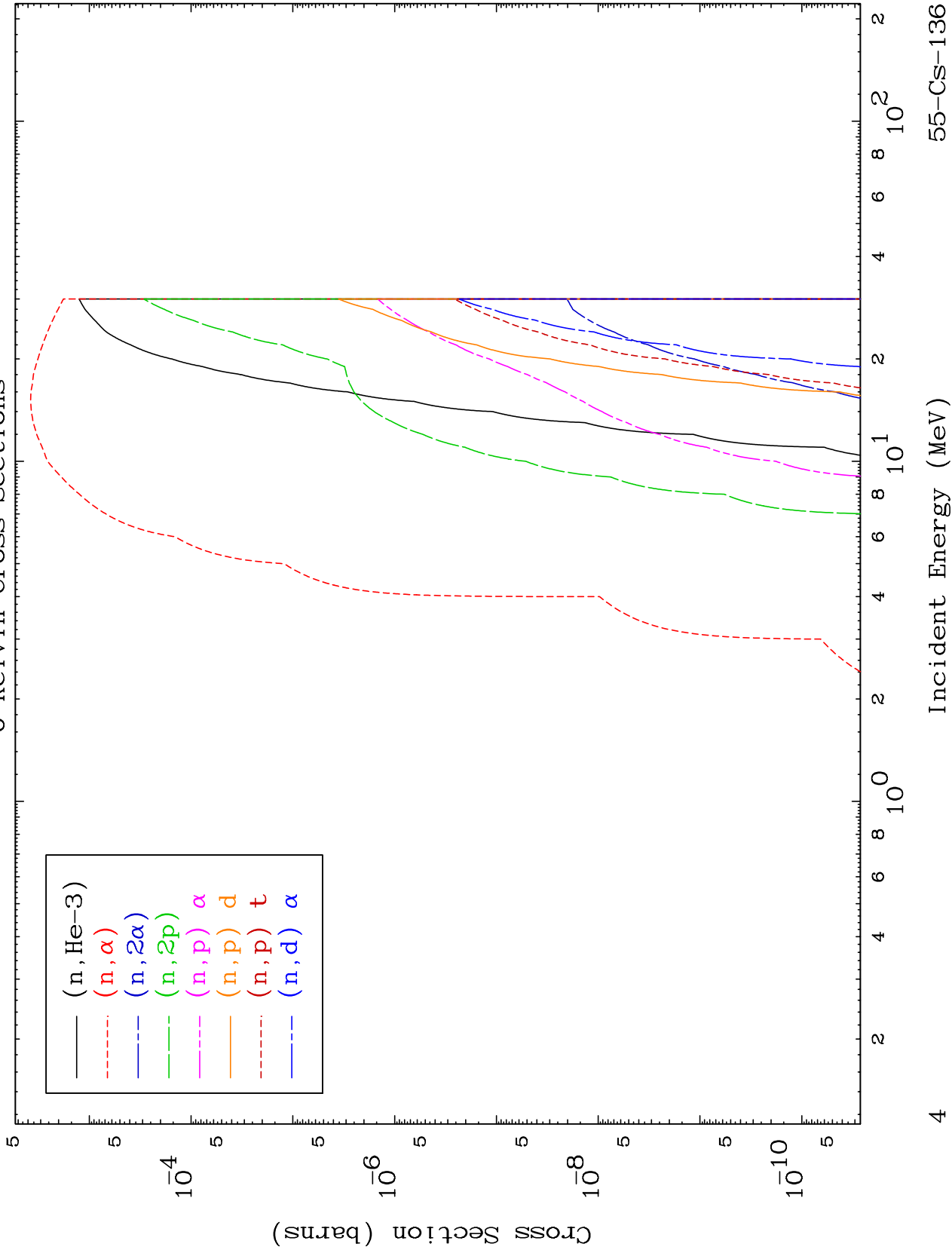


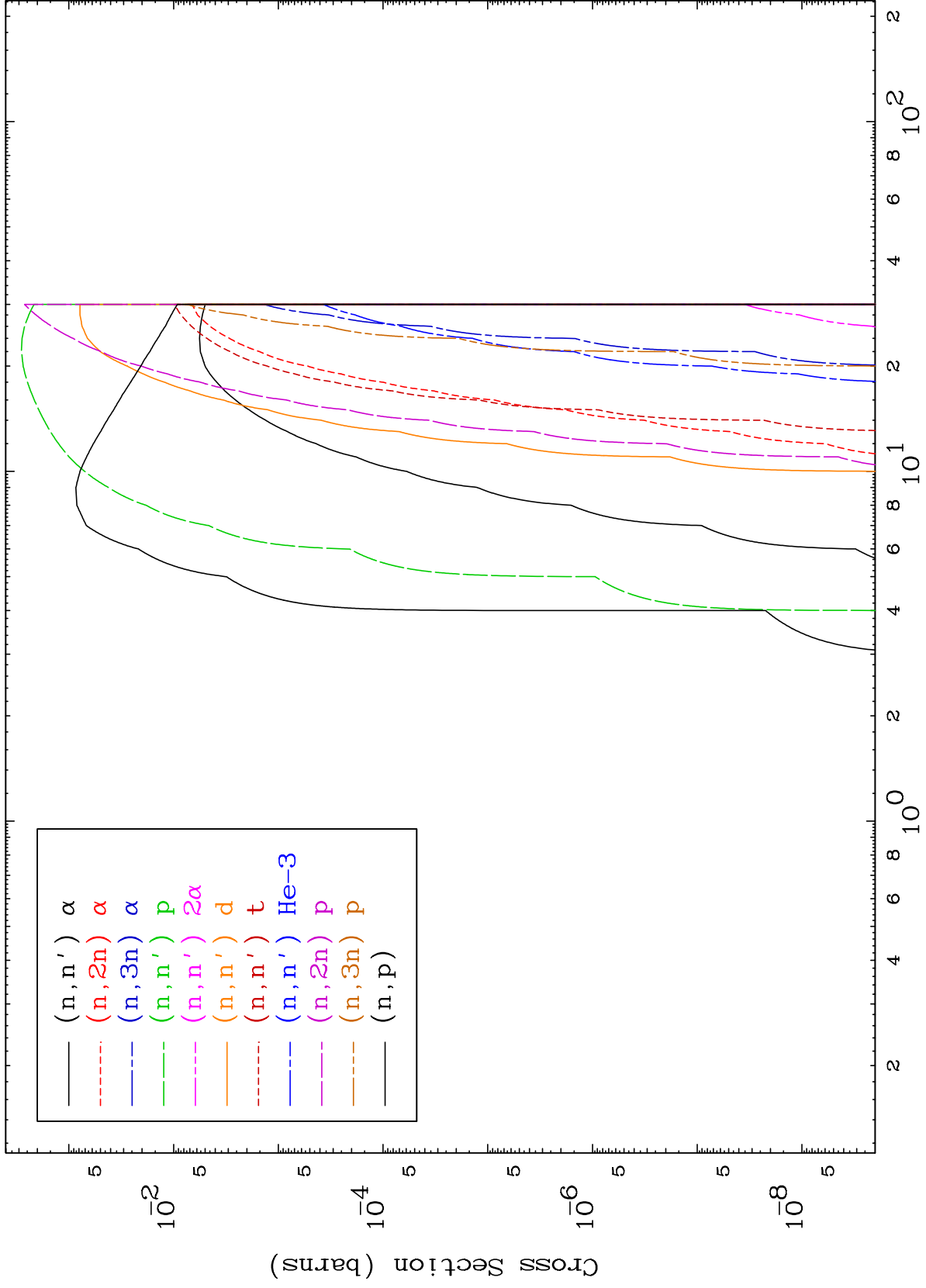
MAT 5534

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

55-Cs-136



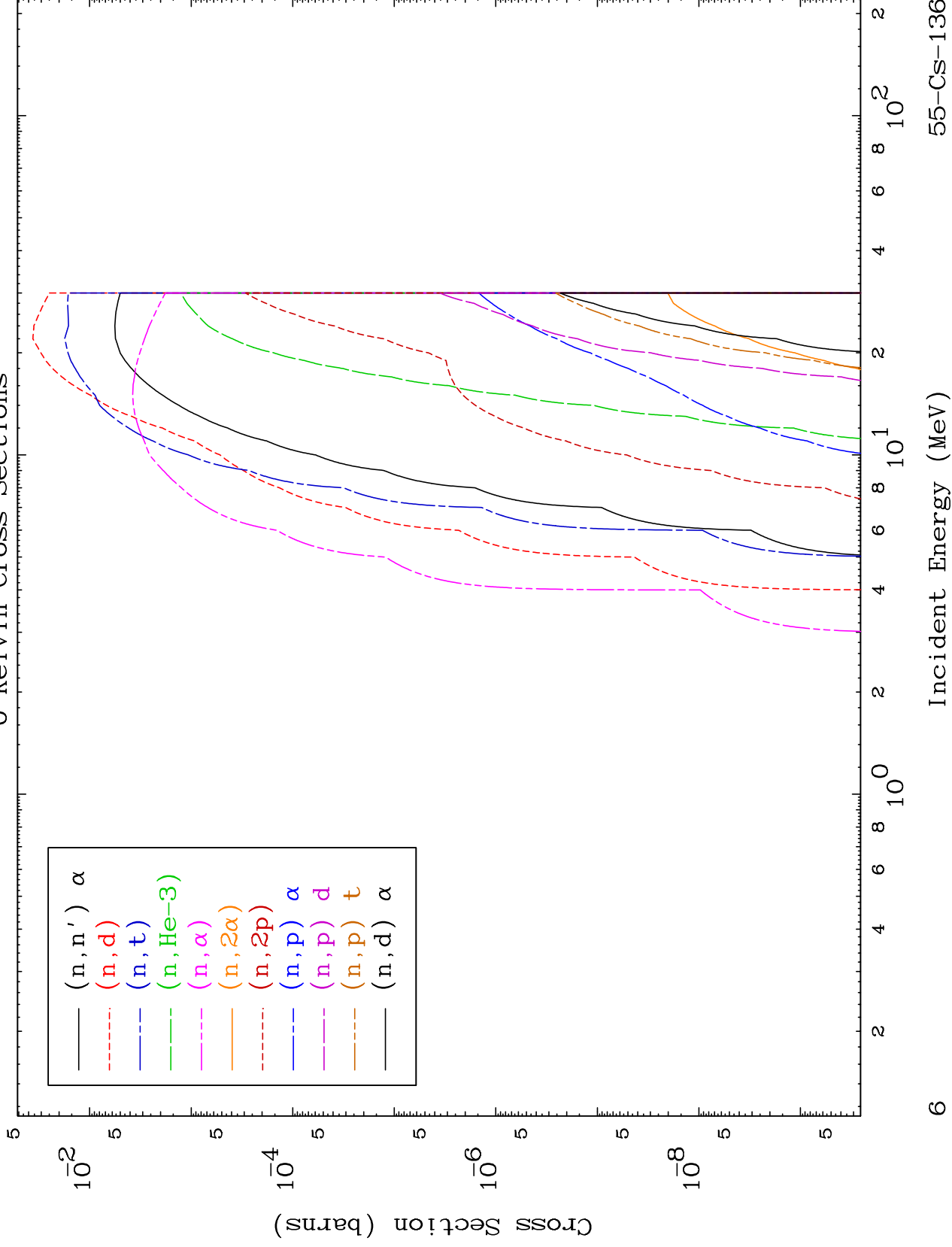




MAT 5534

Deuteron Charged Particle  
0 Kelvin Cross Sections

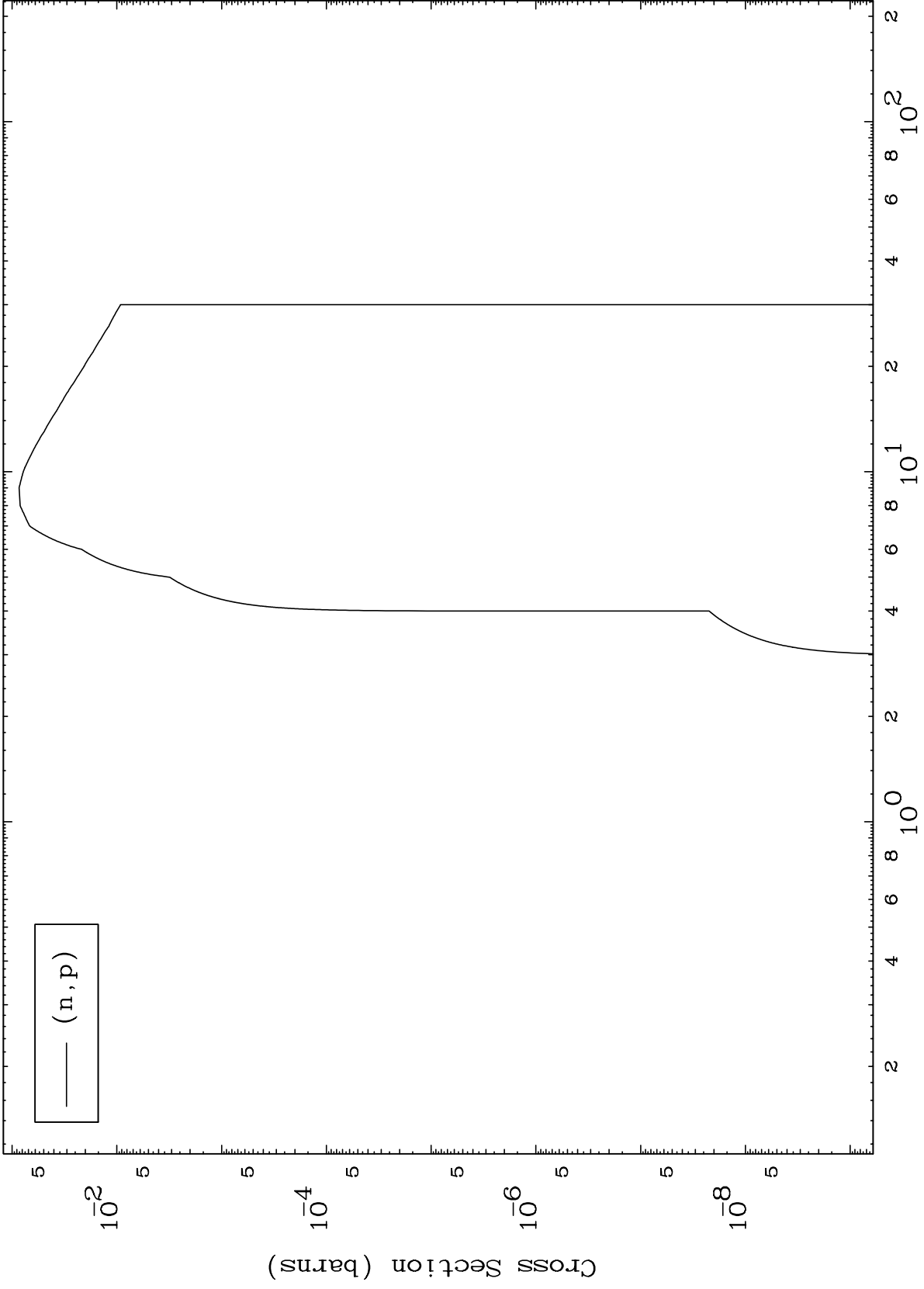
55-Cs-136



MAT 5534

55-Cs-136

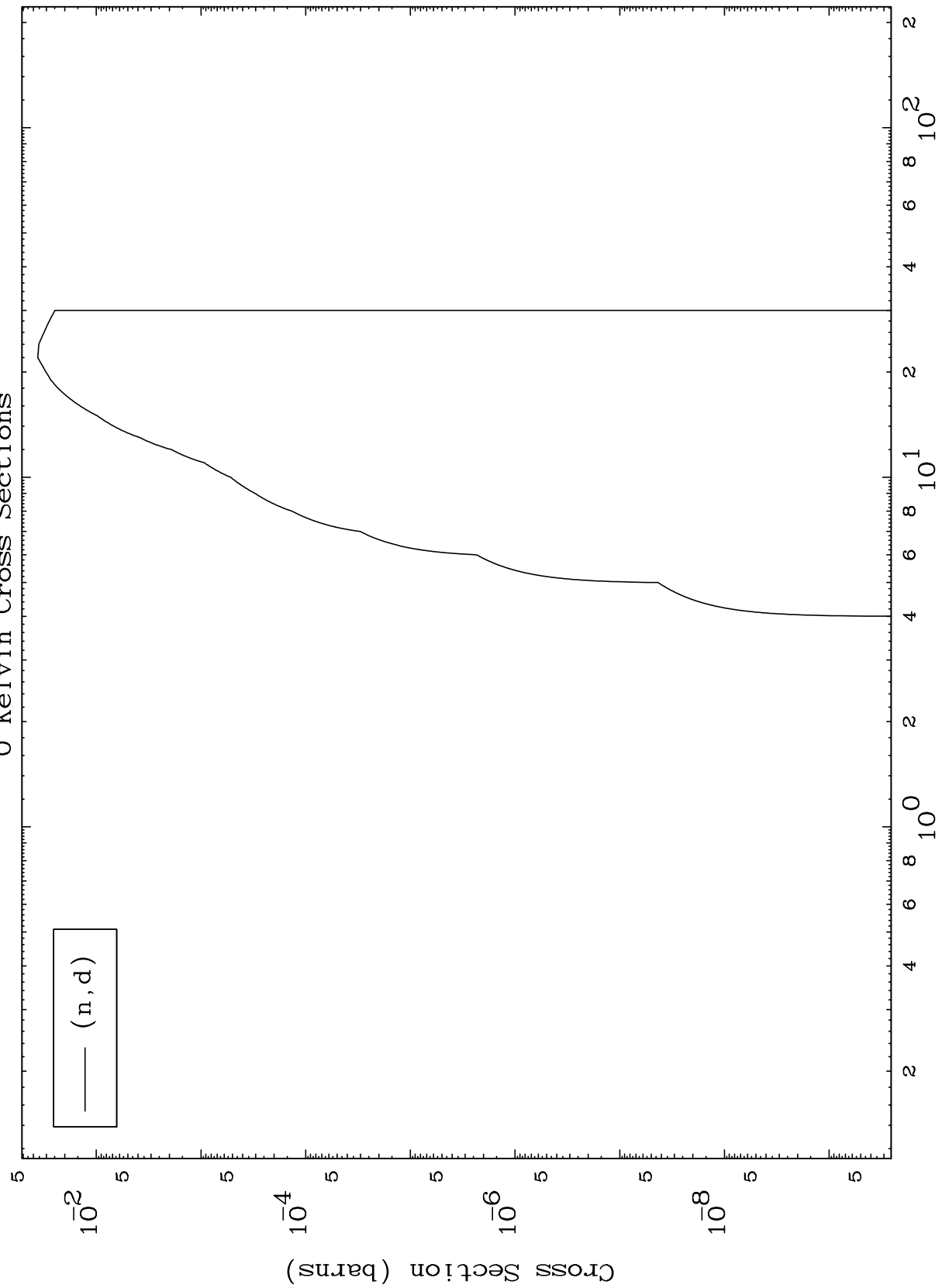
(d,p) Levels  
0 Kelvin Cross Sections



MAT 5534

55-Cs-136

(d,d) Levels  
0 Kelvin Cross Sections

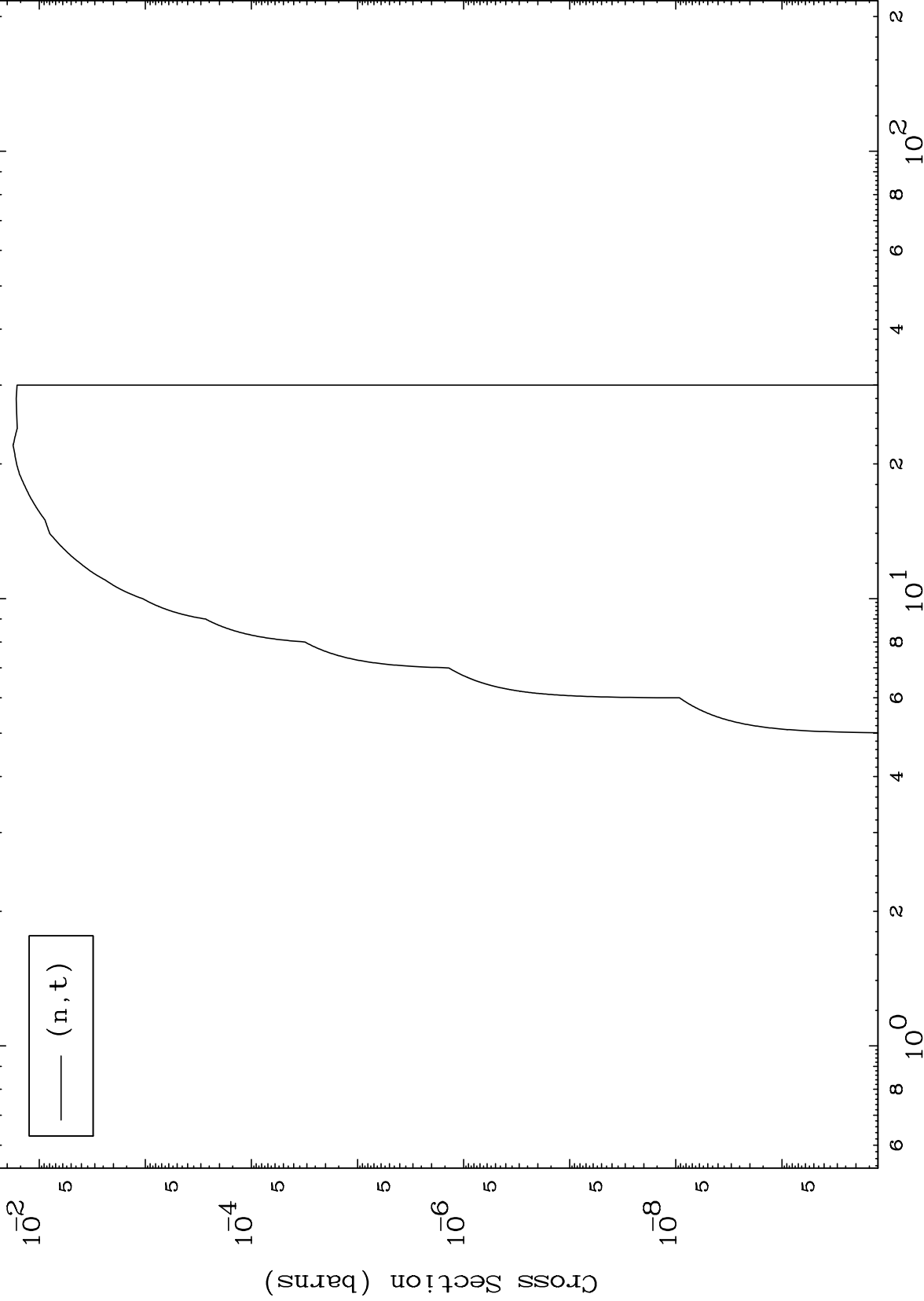


MAT 5534

(d, t) Levels

55-Cs-136

0 Kelvin Cross Sections



9

Incident Energy (MeV)

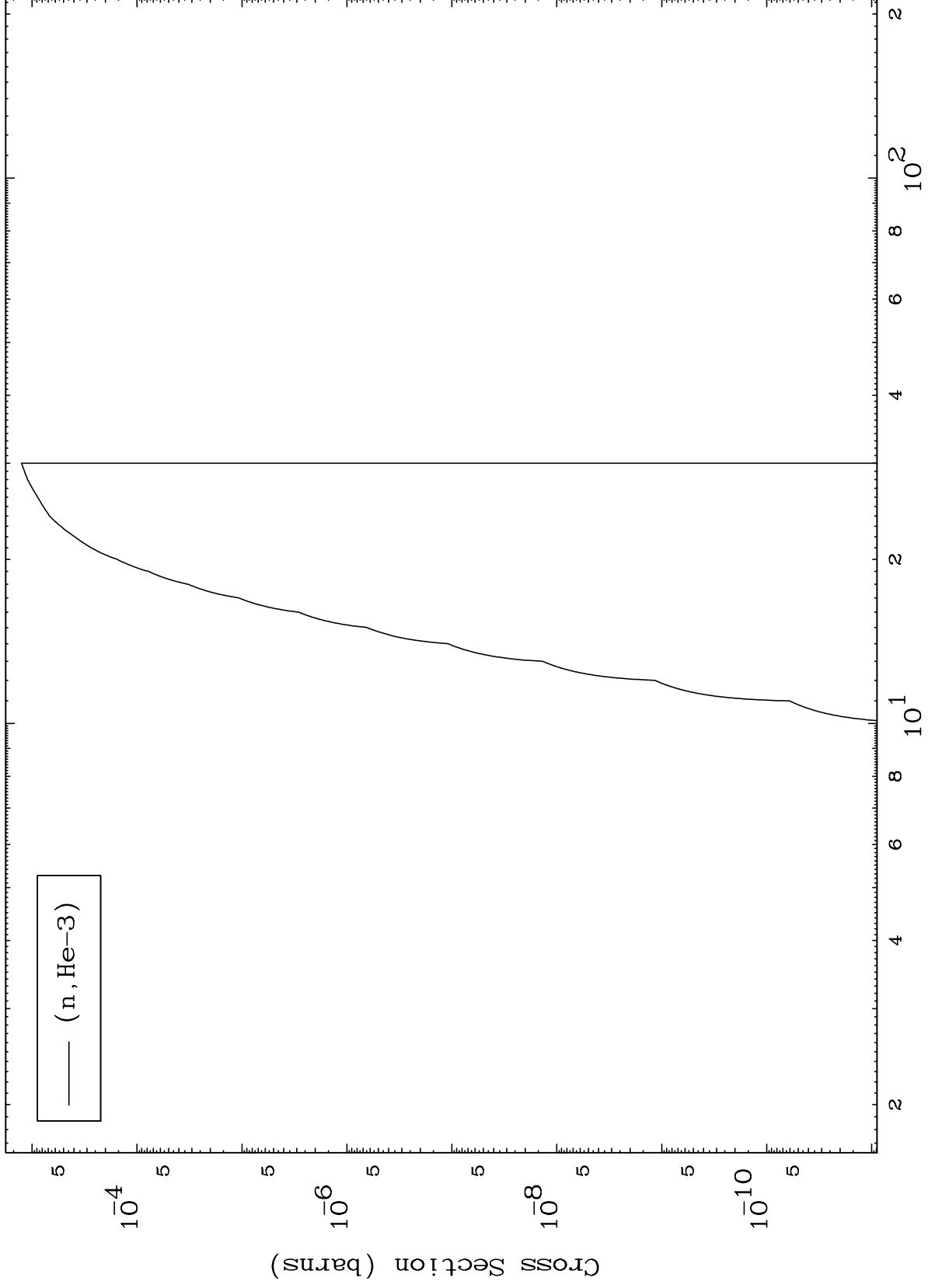
55-Cs-136

MAT 5534

(d,He3) Levels

55-Cs-136

0 Kelvin Cross Sections



10

Incident Energy (MeV)

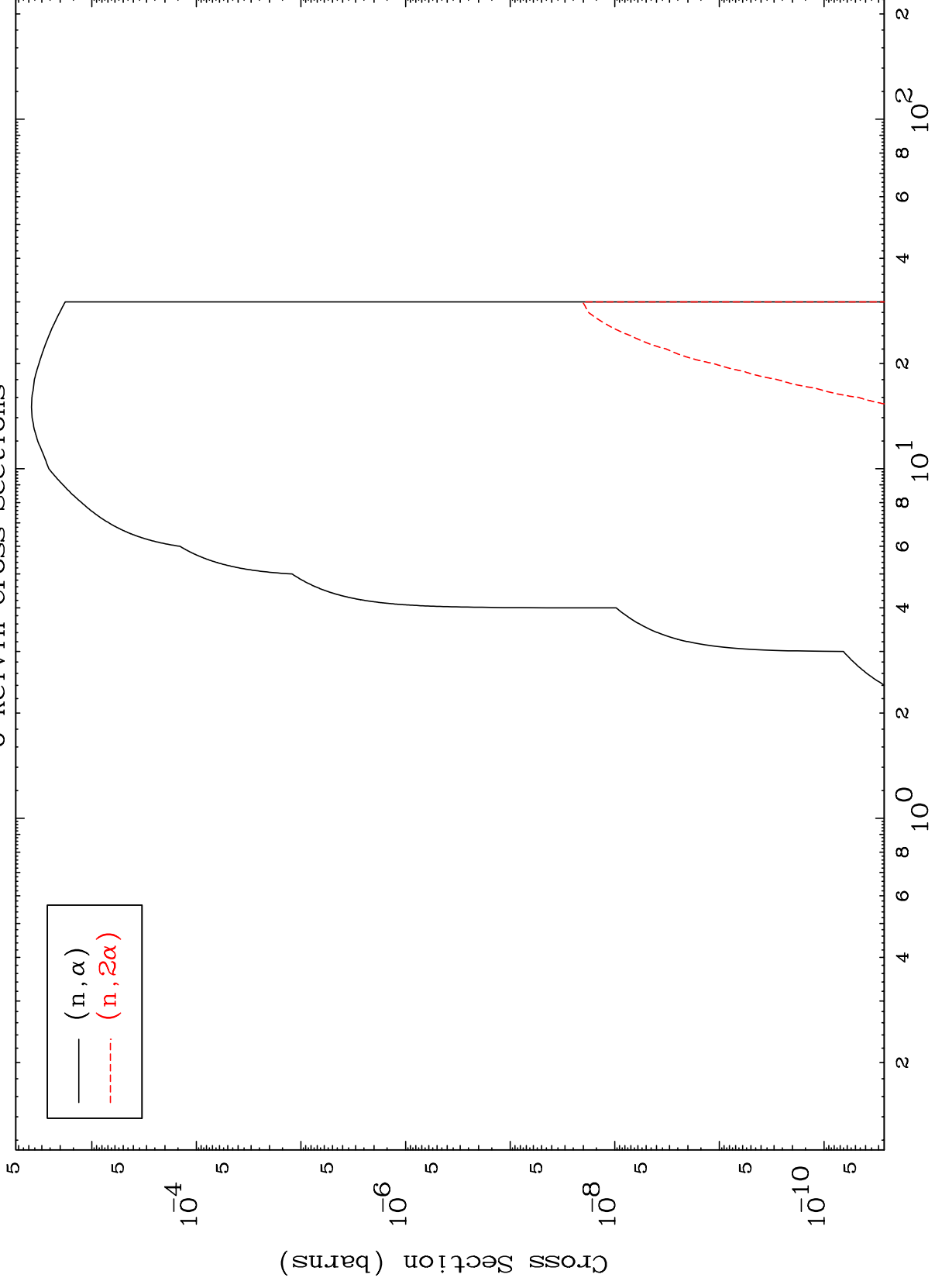
55-Cs-136

MAT 5534

(d,  $\alpha$ ) Levels

55-Cs-136

0 Kelvin Cross Sections

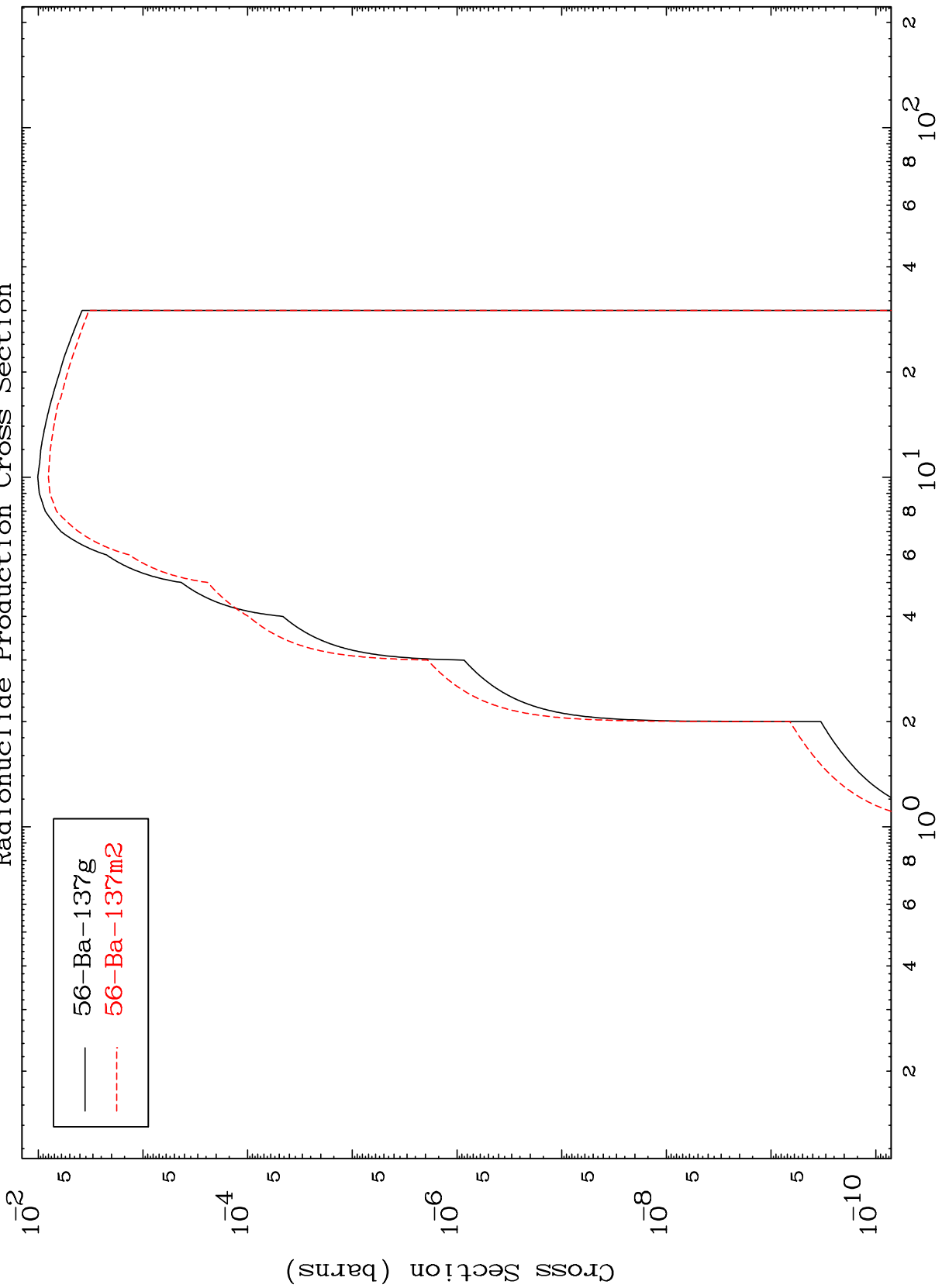


— (n,  $\alpha$ )  
- - - (n,  $2\alpha$ )

MAT 5534

55-Cs-136

Inelastic  
Radionuclide Production Cross Section



12

55-Cs-136

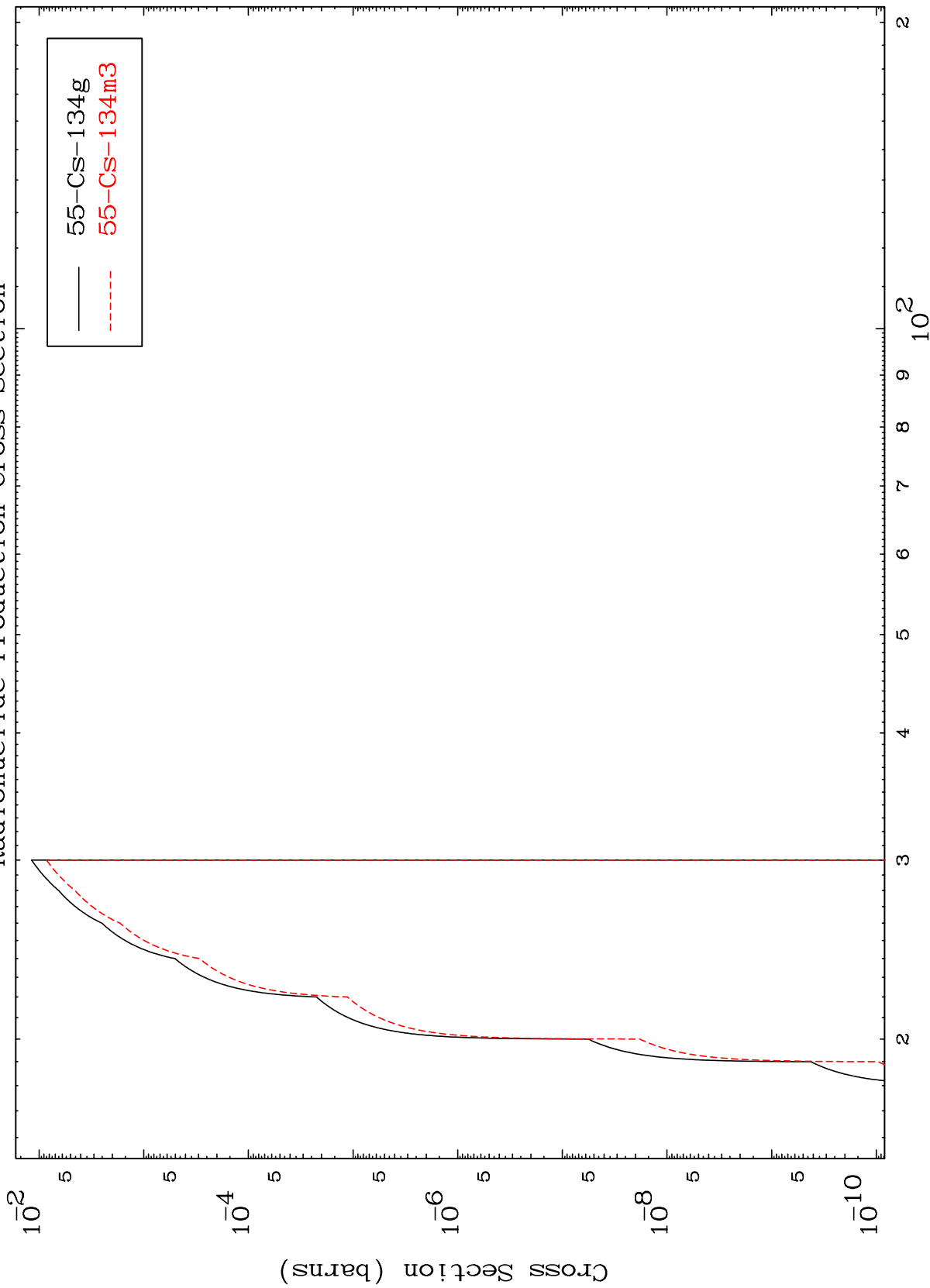
Incident Energy (MeV)

MAT 5534

(n,2n) d

55-Cs-136

Radionuclide Production Cross Section



13

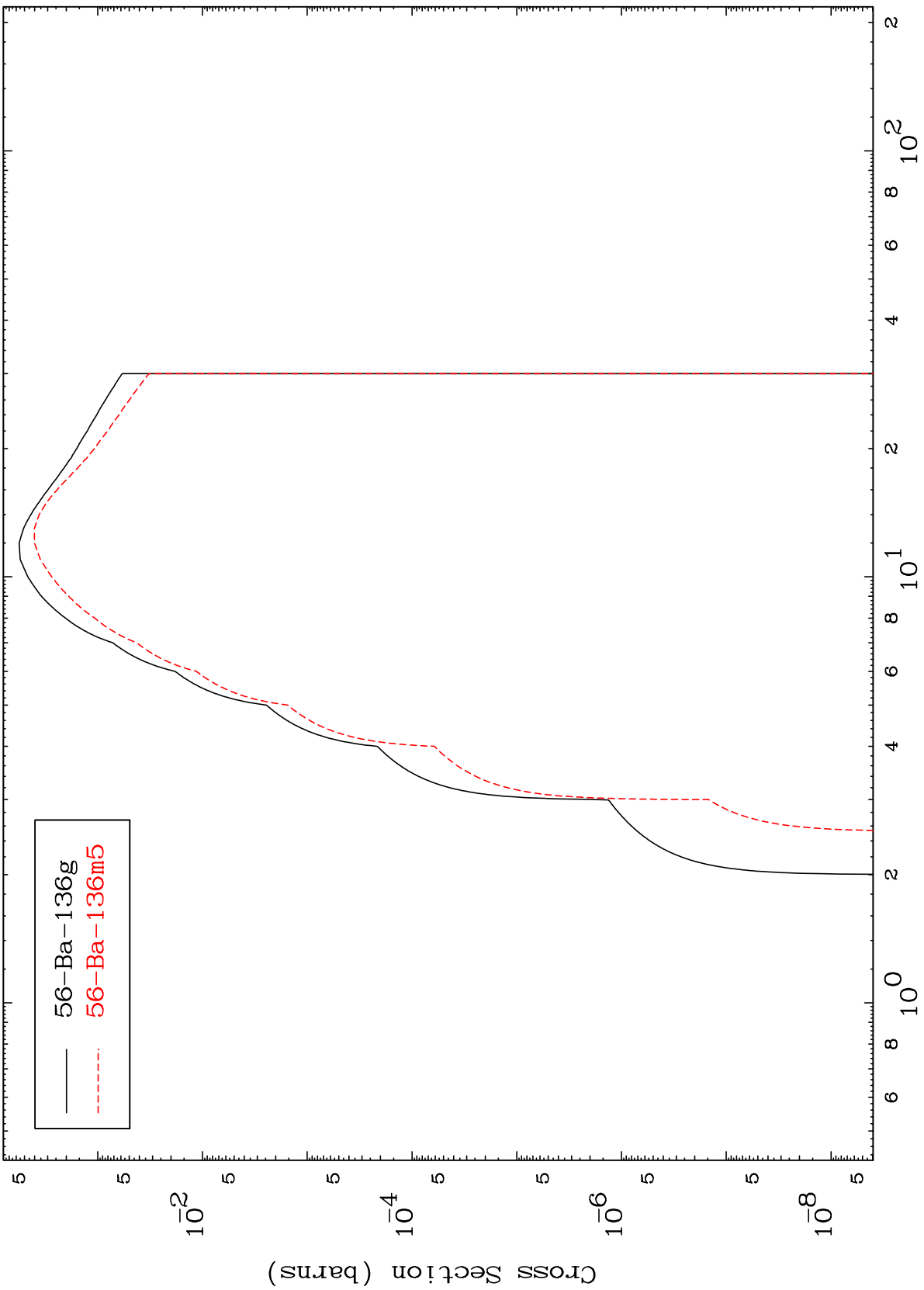
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

(n,2n)  
Radionuclide Production Cross Section



56-Ba-136g  
56-Ba-136m5

55-Cs-136

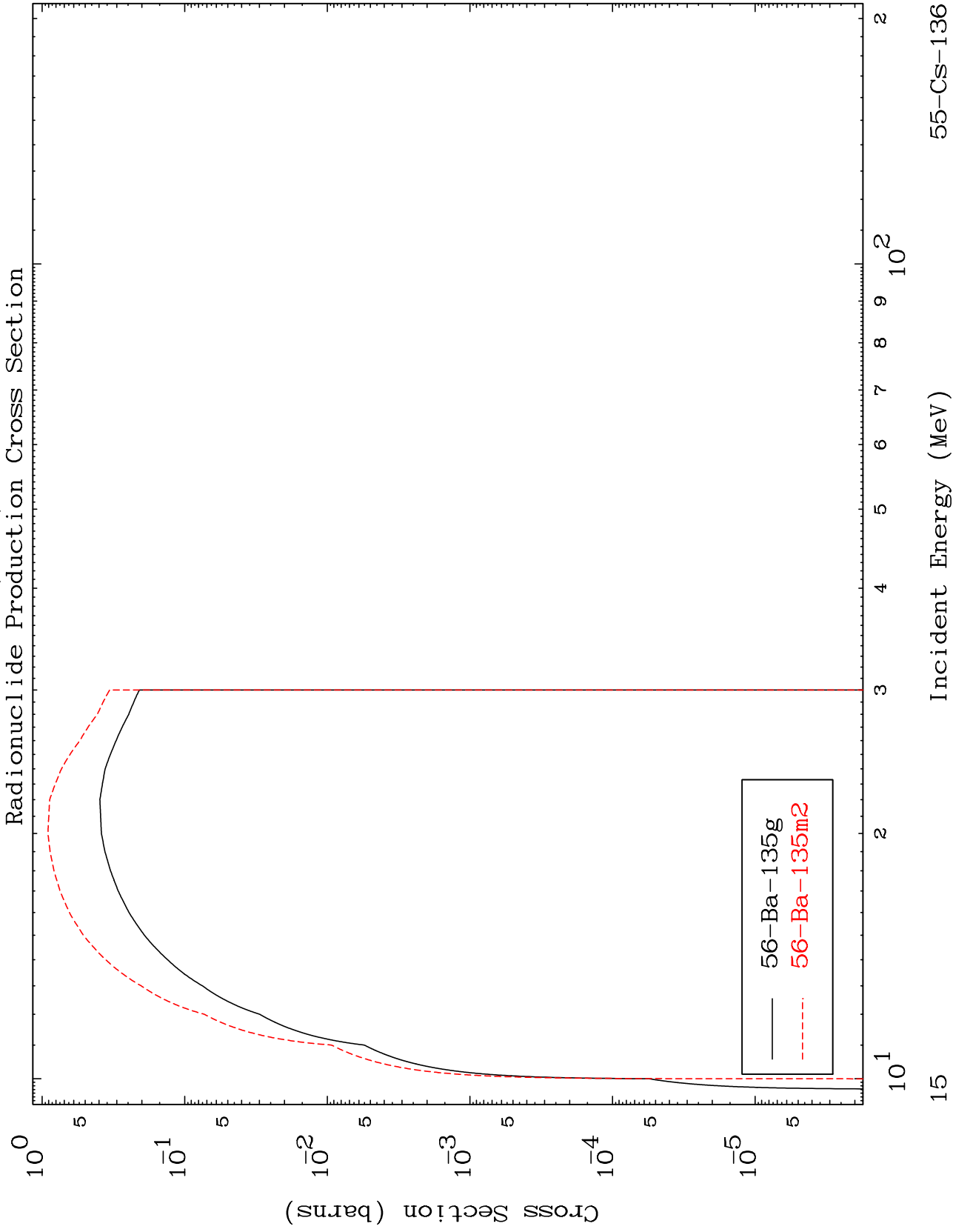
Incident Energy (MeV)

14

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(n,3n)

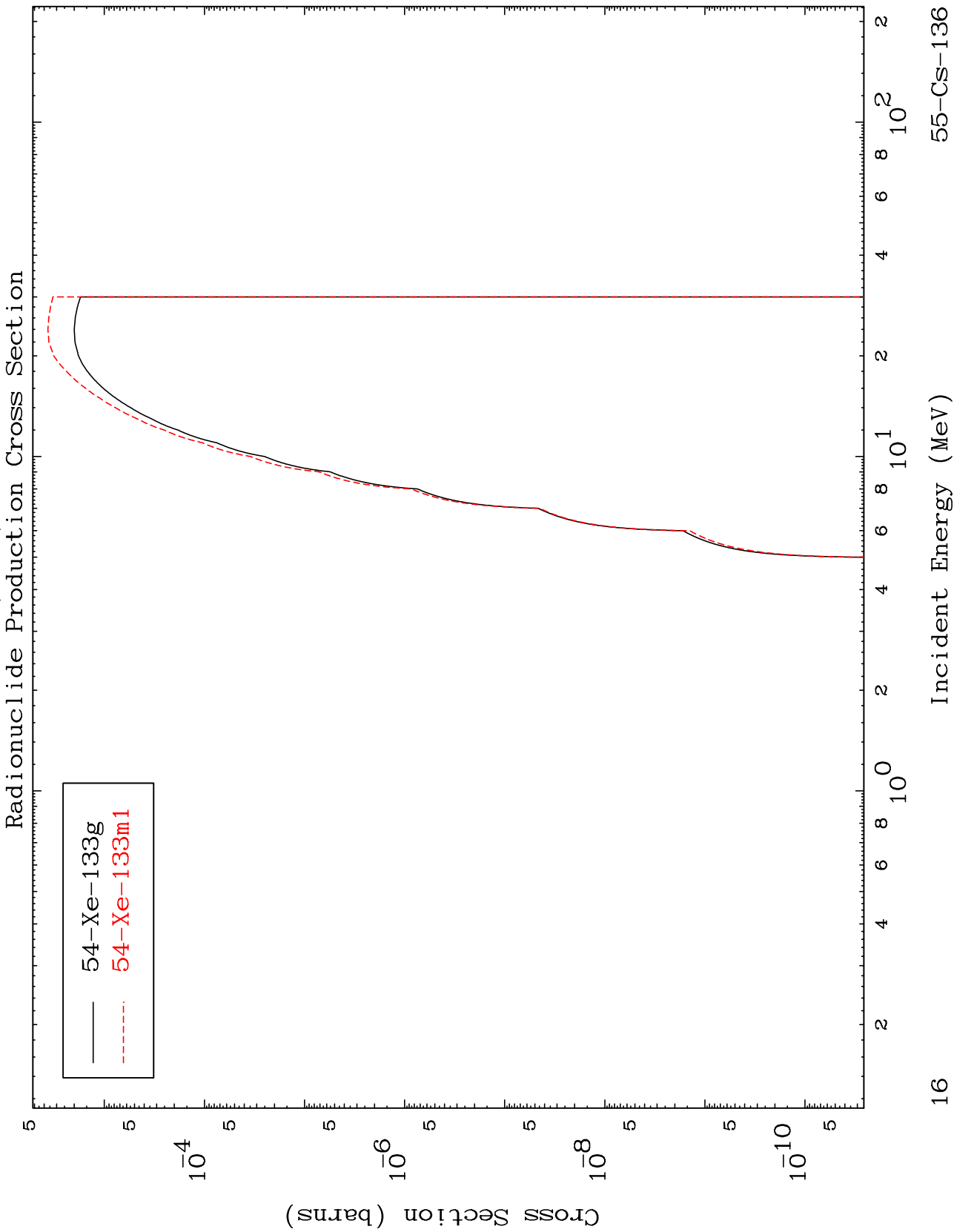
55-Cs-136



MAT 5534

$(n, n') \alpha$

55-Cs-136



16

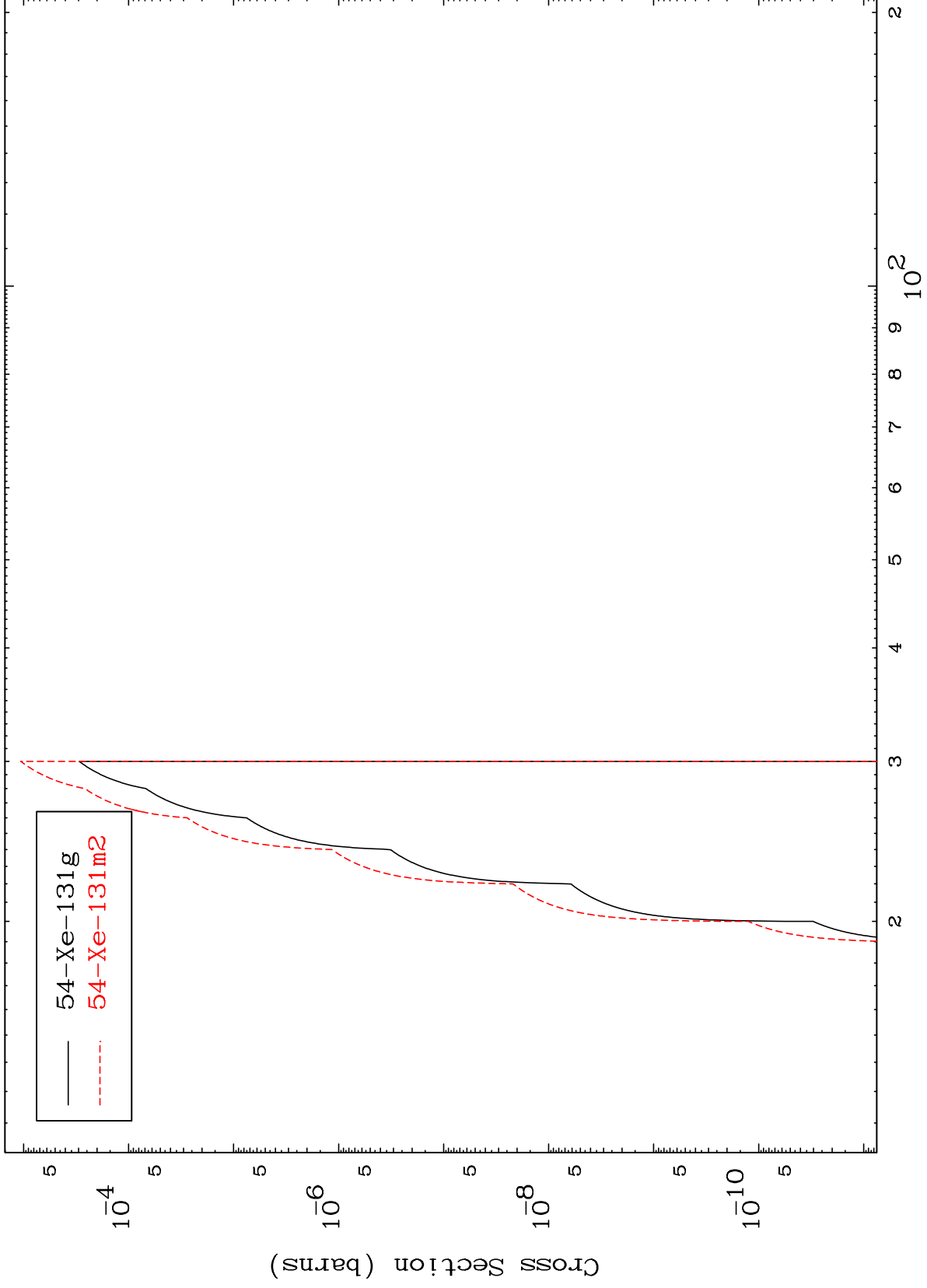
55-Cs-136

MAT 5534

(n,3n)  $\alpha$

55-Cs-136

Radionuclide Production Cross Section



17

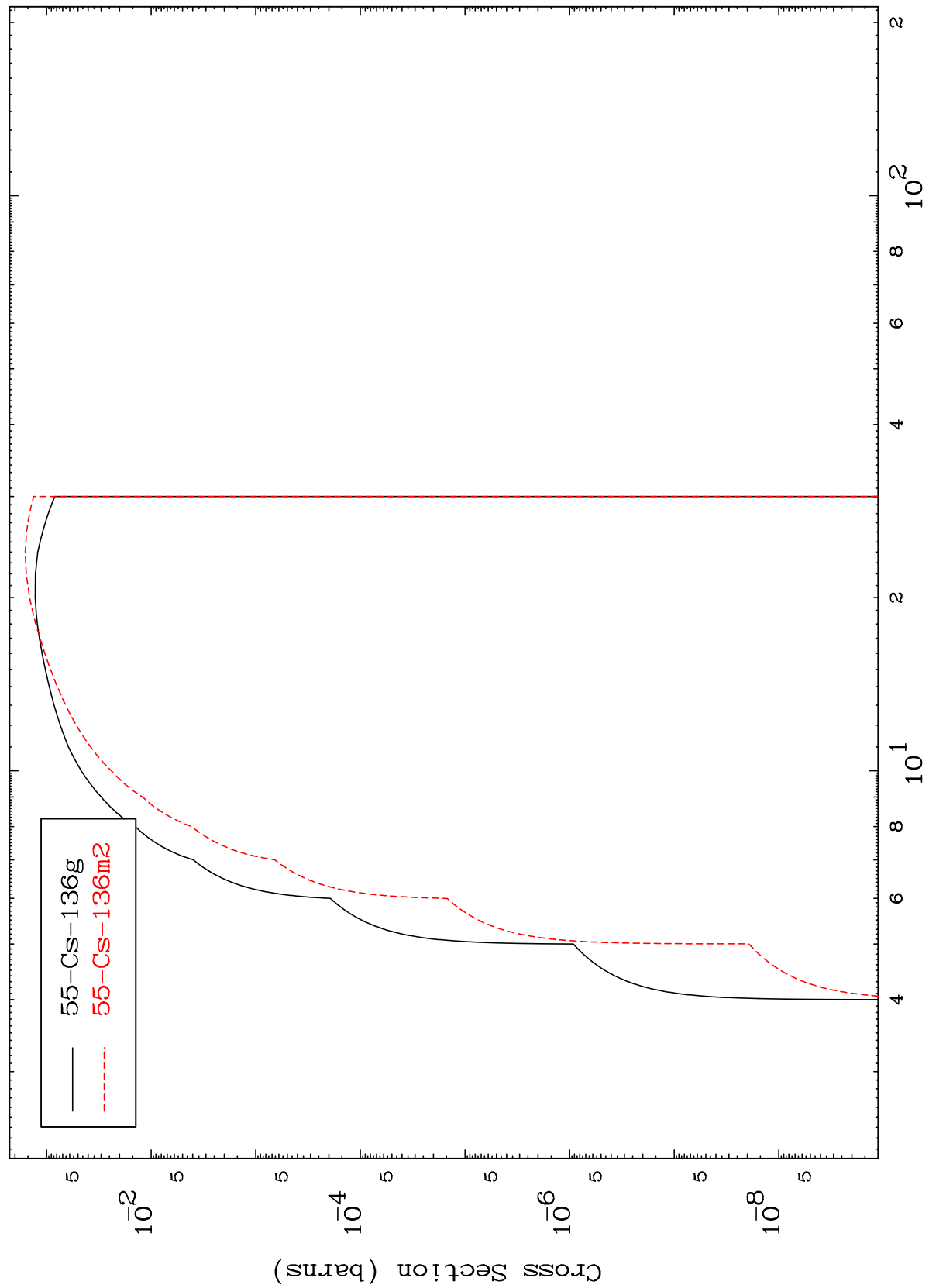
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

(n,n') p  
Radionuclide Production Cross Section

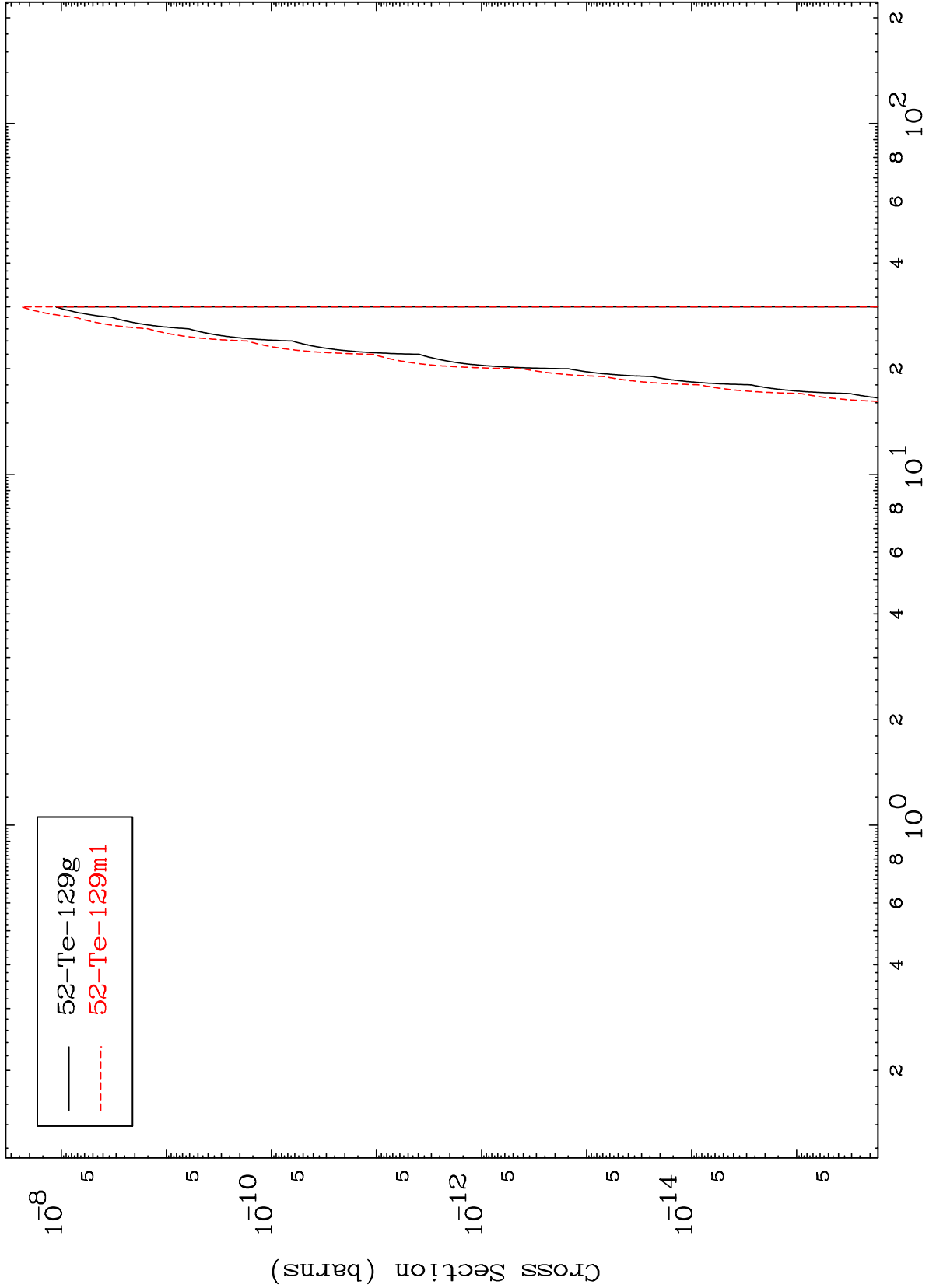


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(n,n') 2 $\alpha$

55-Cs-136

Radionuclide Production Cross Section

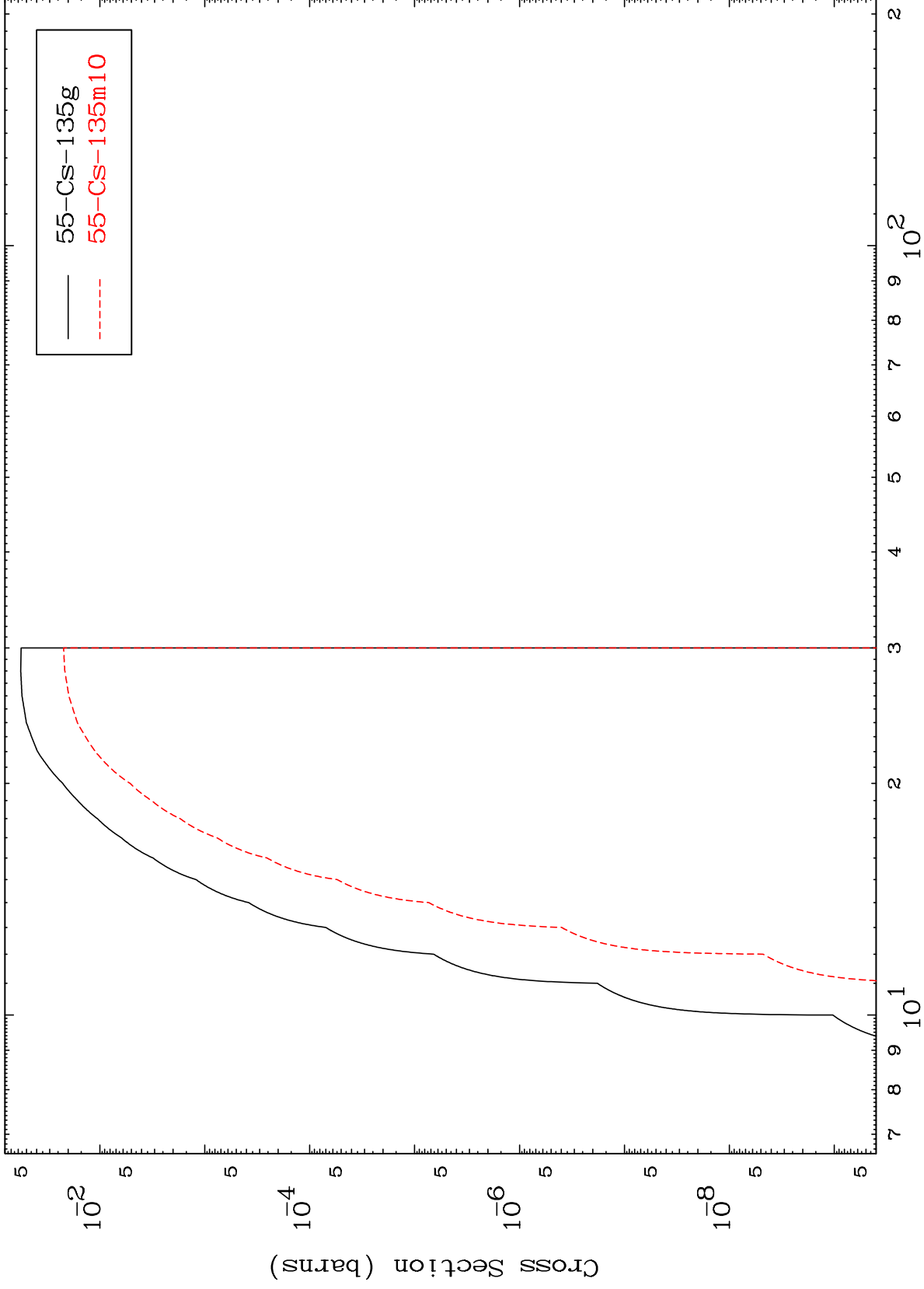


MAT 5534

(n,n') d

55-Cs-136

Radionuclide Production Cross Section



20

Incident Energy (MeV)

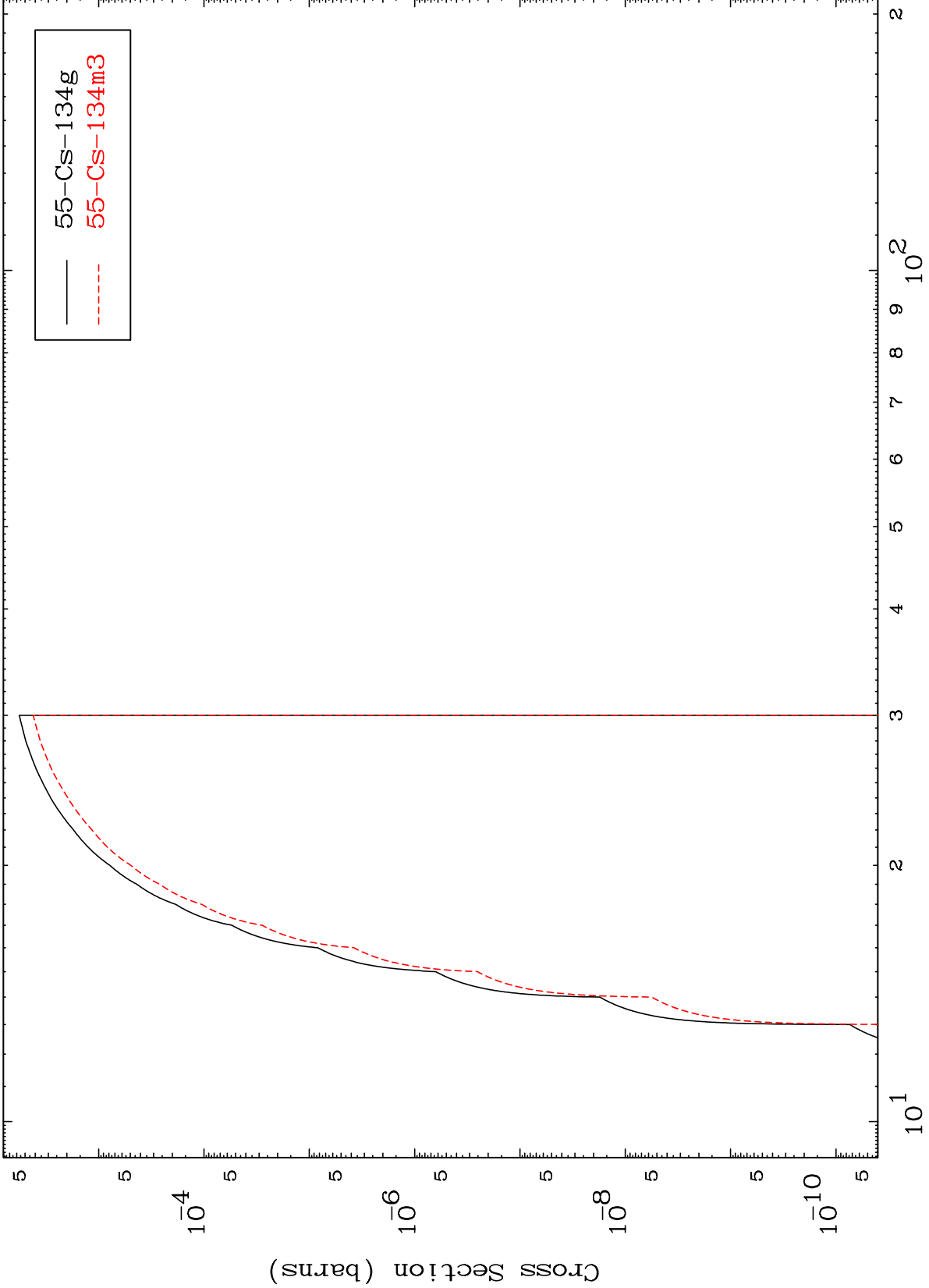
55-Cs-136

MAT 5534

(n,n') t

55-Cs-136

Radionuclide Production Cross Section



55-Cs-134g  
55-Cs-134m3

21

Incident Energy (MeV)

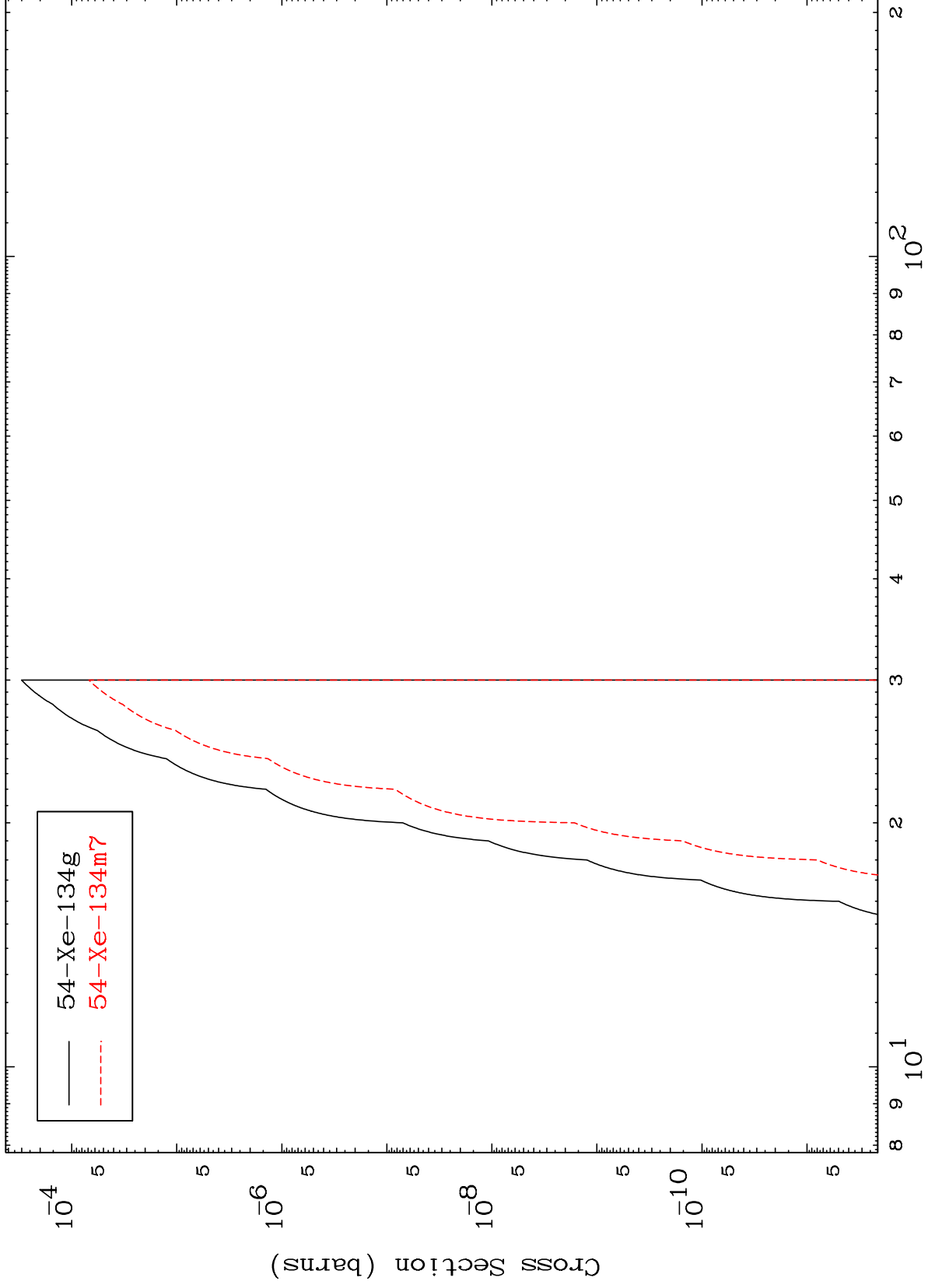
55-Cs-136

MAT 5534

(n,n') He-3

55-Cs-136

Radionuclide Production Cross Section



22

Incident Energy (MeV)

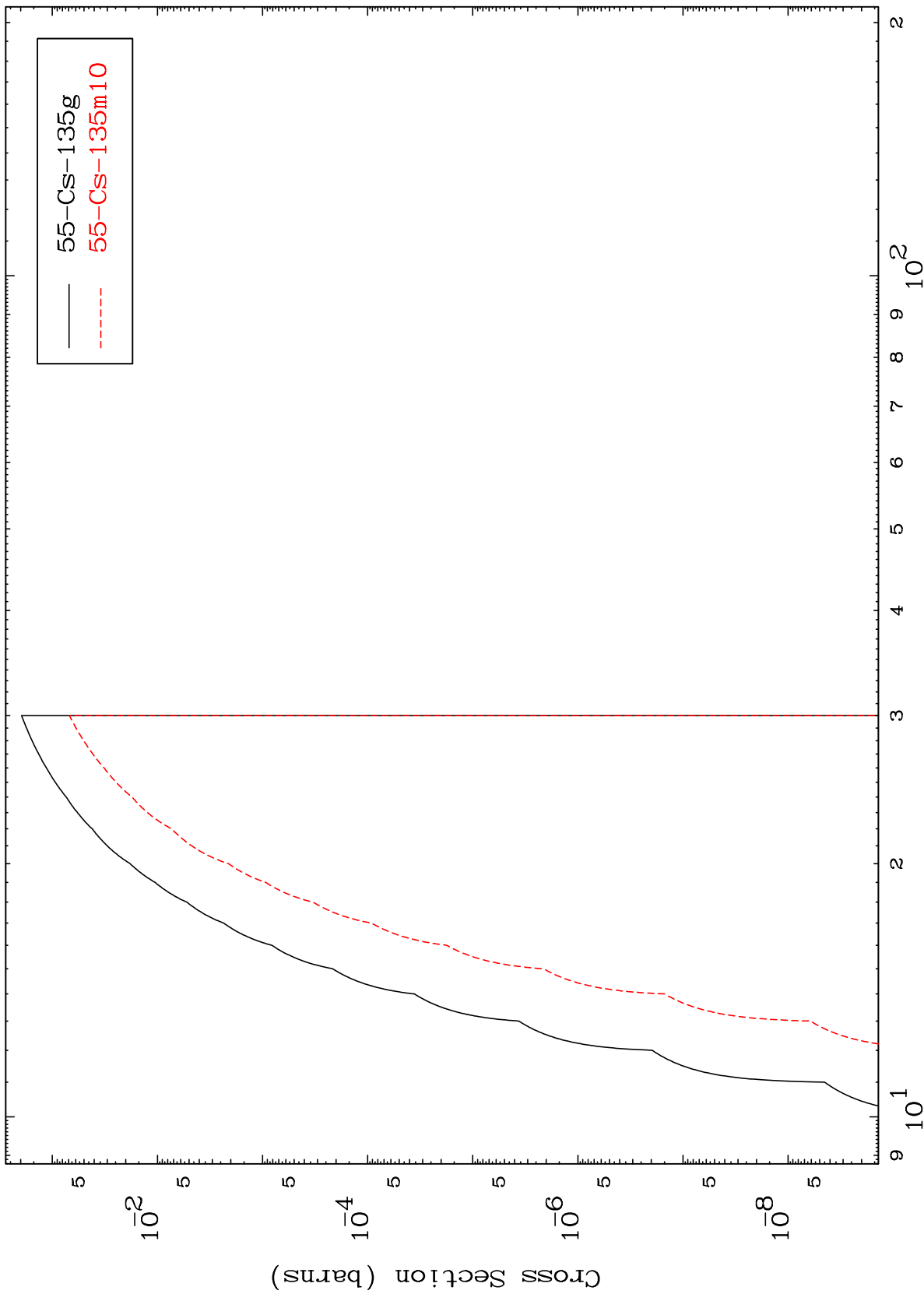
55-Cs-136

MAT 5534

(n,2n) p

55-Cs-136

Radionuclide Production Cross Section



23

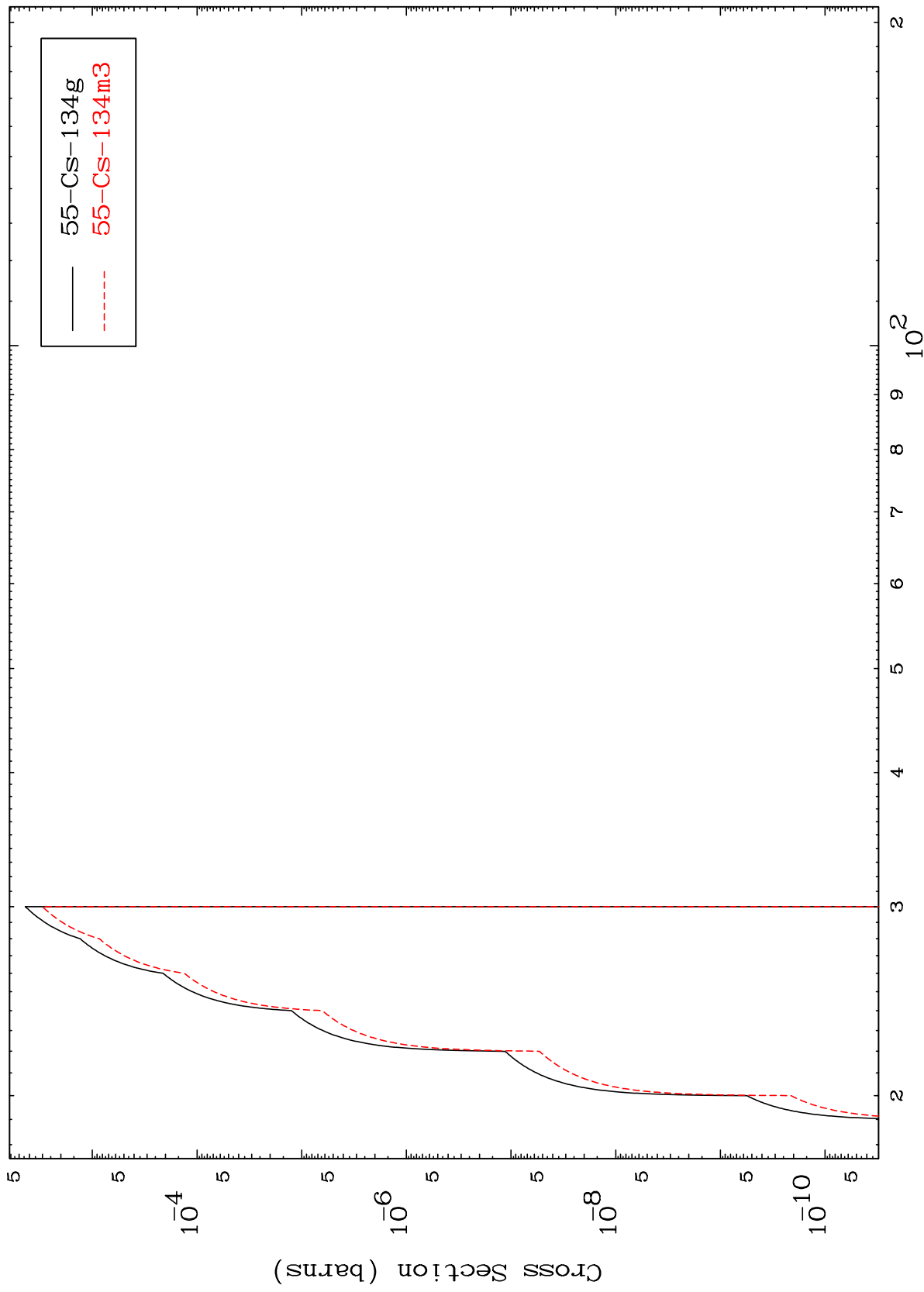
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

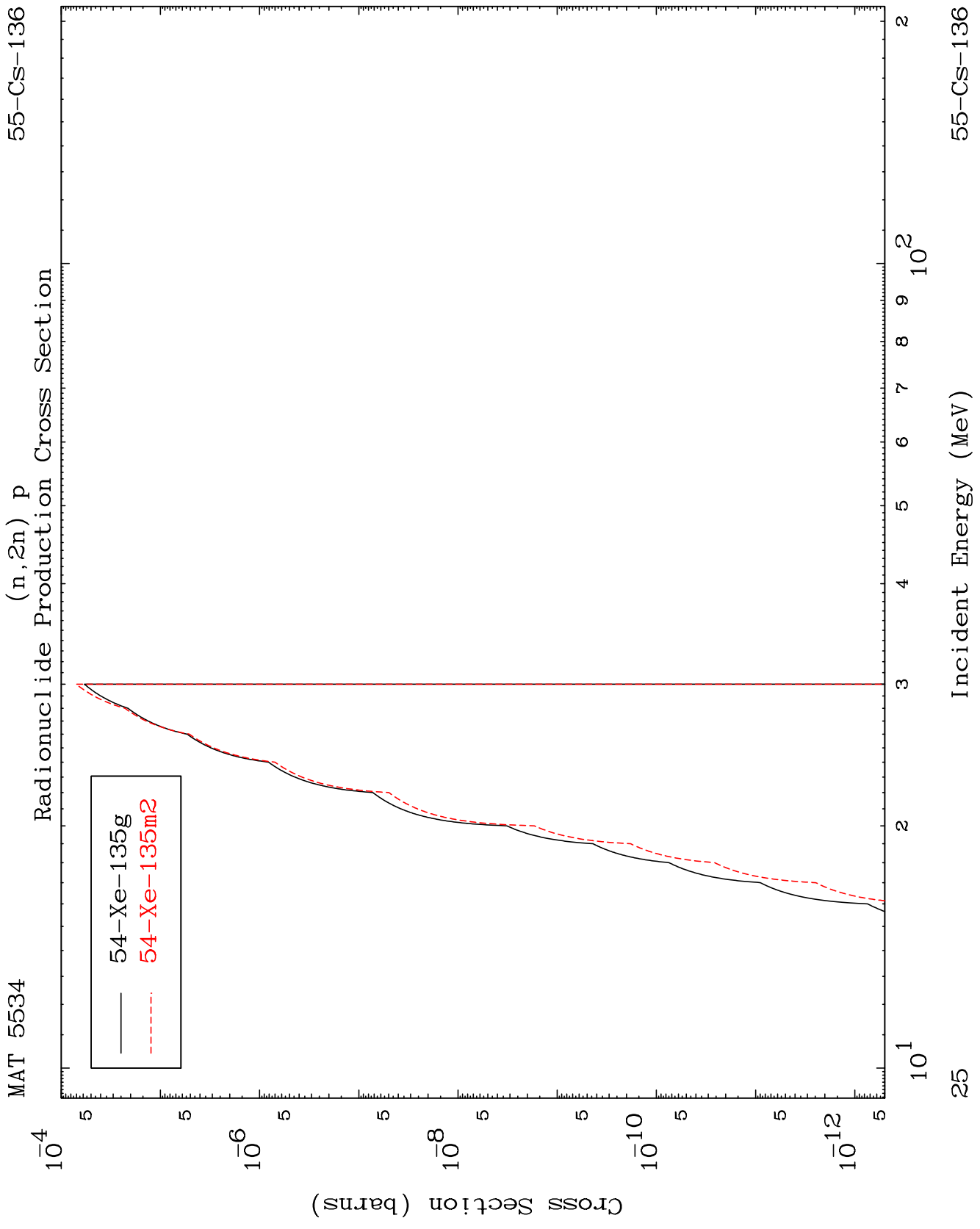
(n,3n) p  
Radionuclide Production Cross Section



24

Incident Energy (MeV)

55-Cs-136

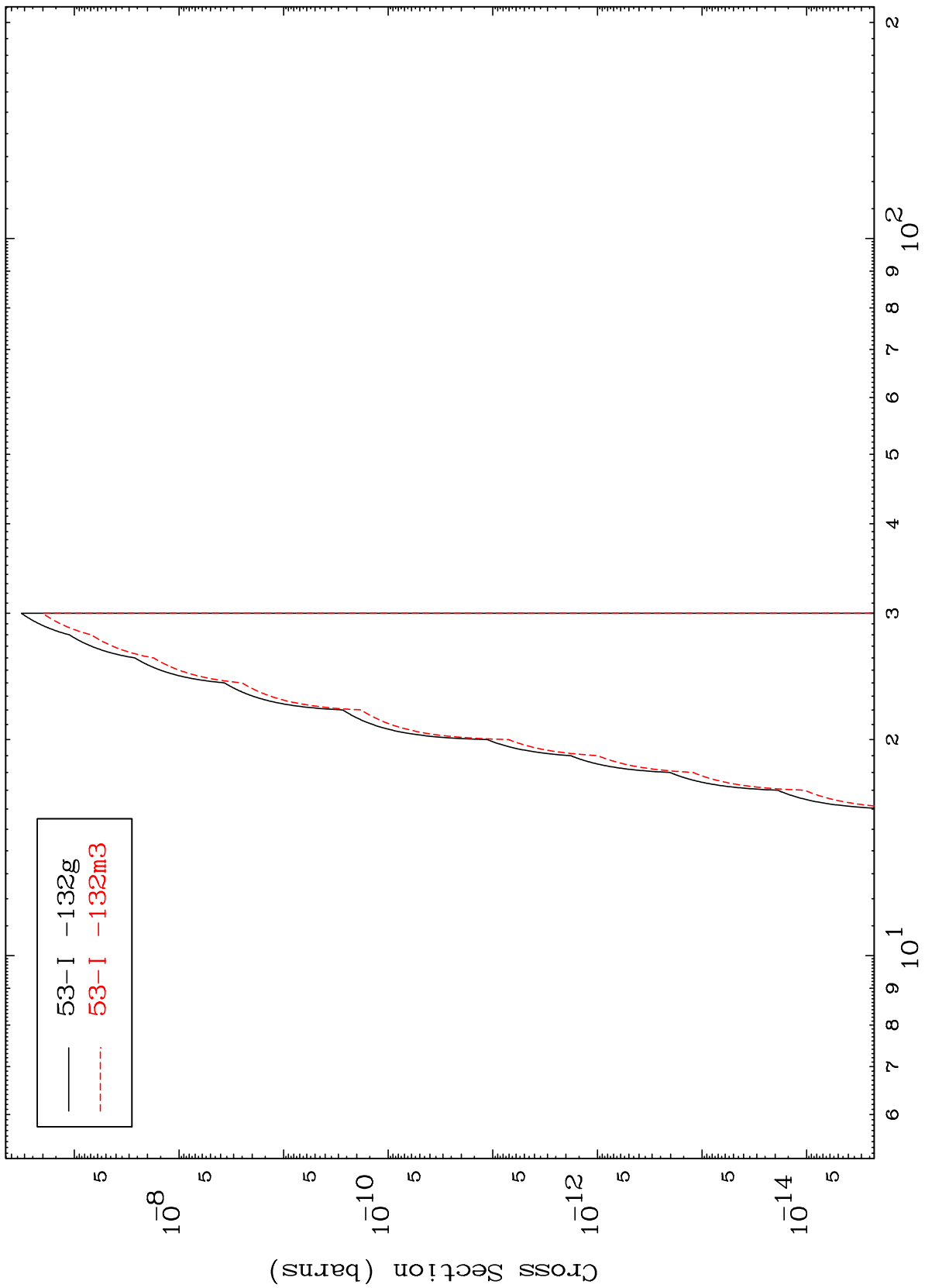


MAT 5534

(n,n') p  $\alpha$

55-Cs-136

Radionuclide Production Cross Section



53-I -132g  
53-I -132m3

26

Incident Energy (MeV)

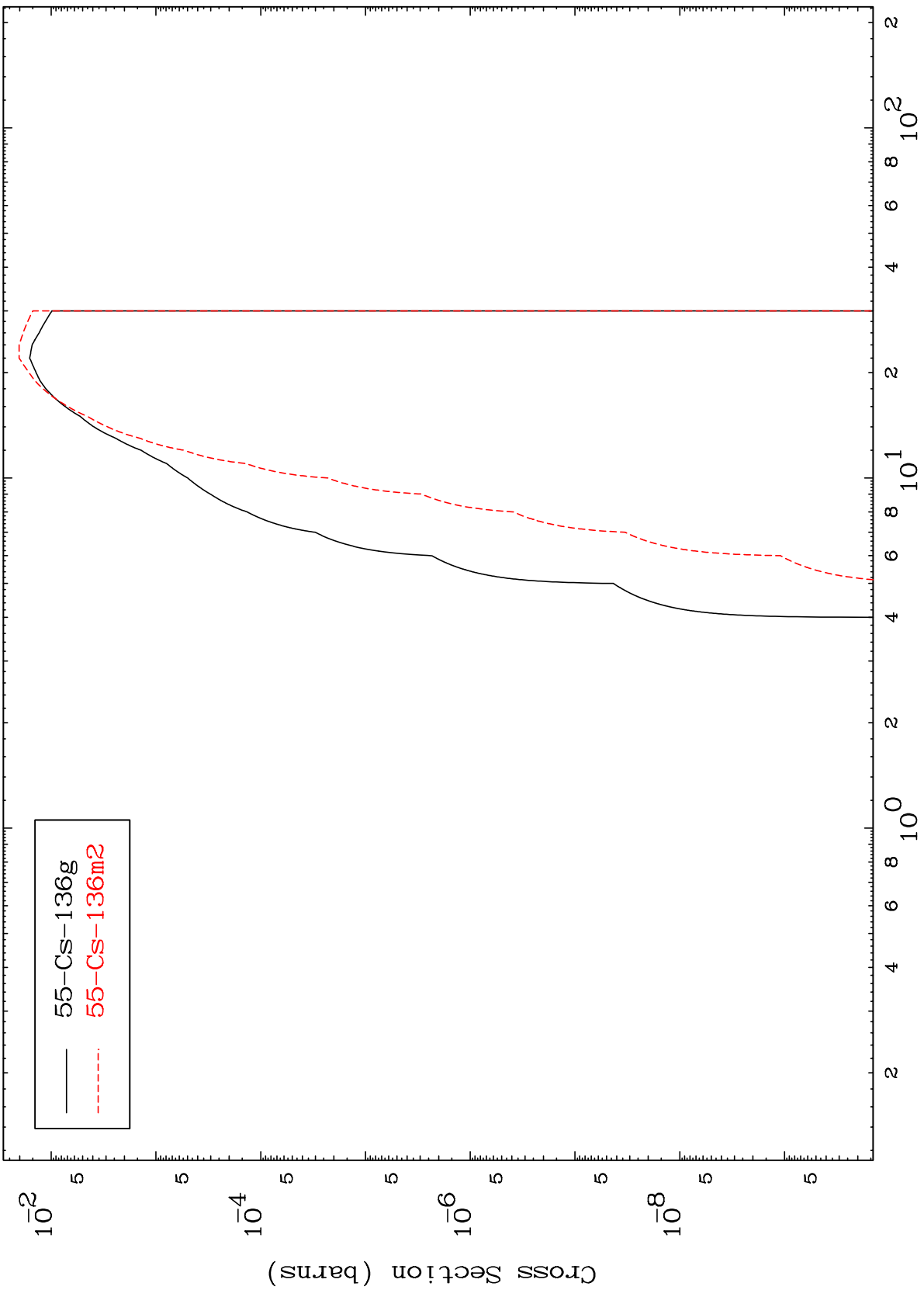
55-Cs-136

MAT 5534

(n, d)

55-Cs-136

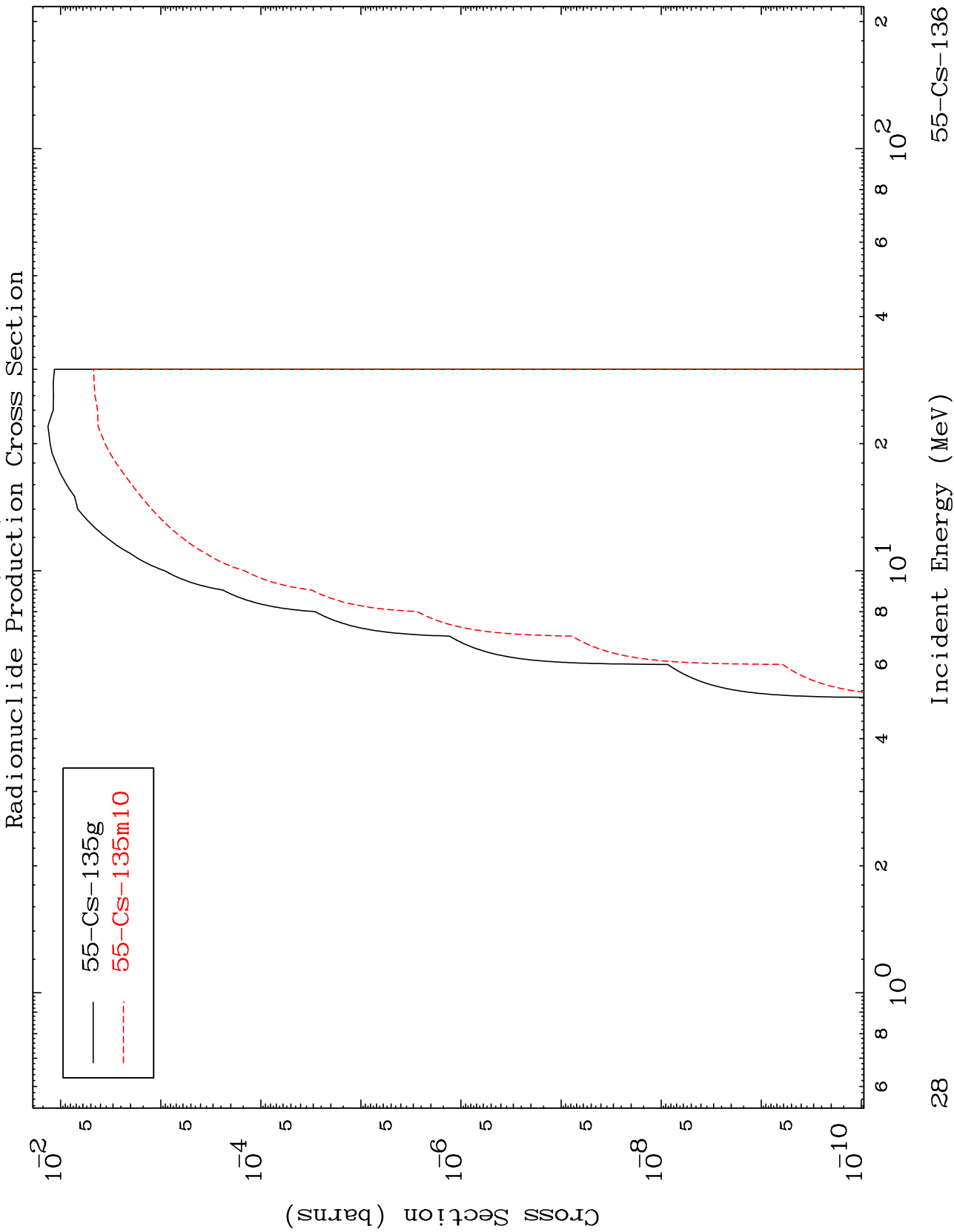
Radionuclide Production Cross Section



55-Cs-136g  
55-Cs-136m2

MAT 5534

55-Cs-136



28

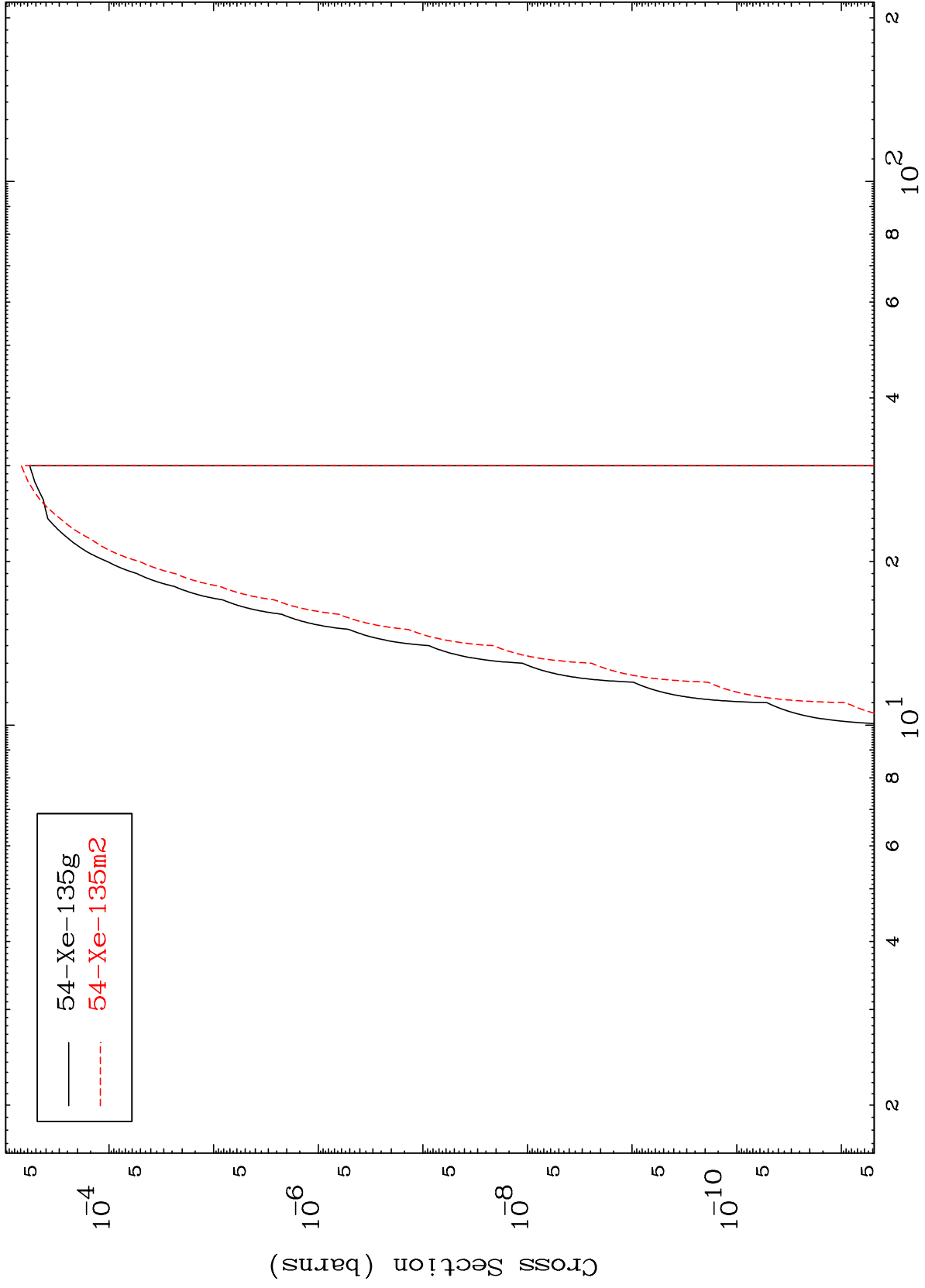
55-Cs-136

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(n,He-3)

55-Cs-136

Radionuclide Production Cross Section



29

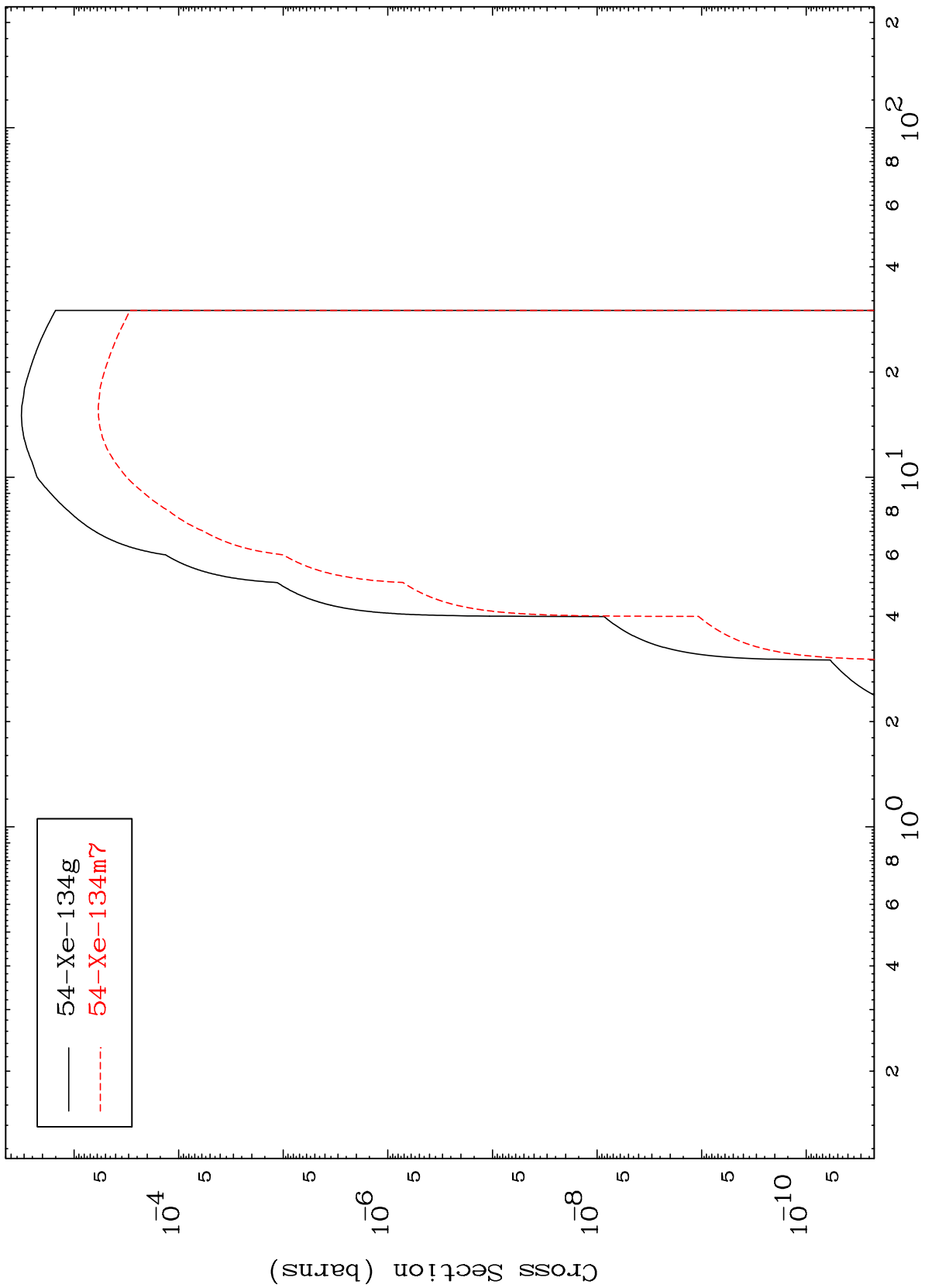
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

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



30

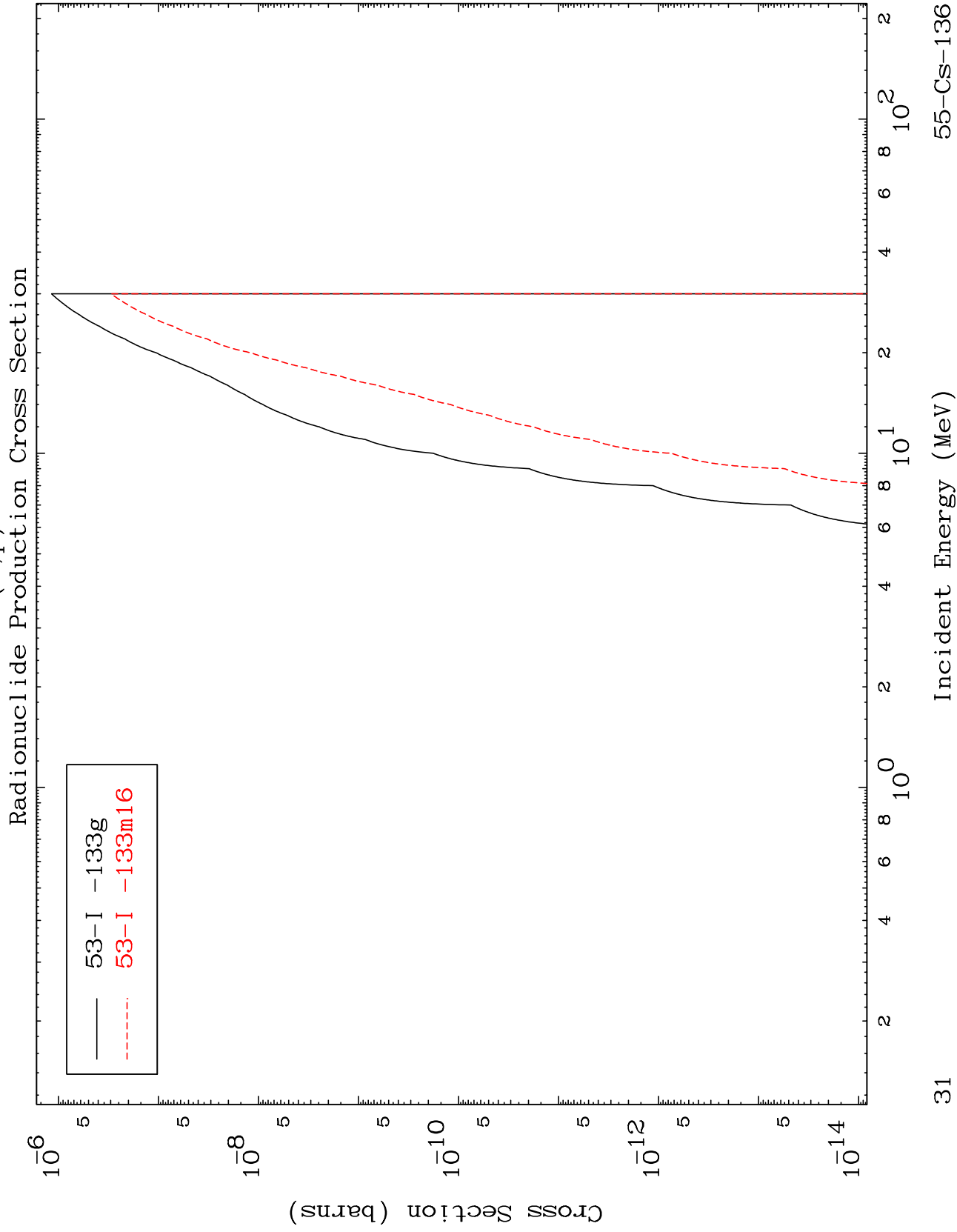
55-Cs-136

Incident Energy (MeV)

MAT 5534

(n,p)  $\alpha$

55-Cs-136

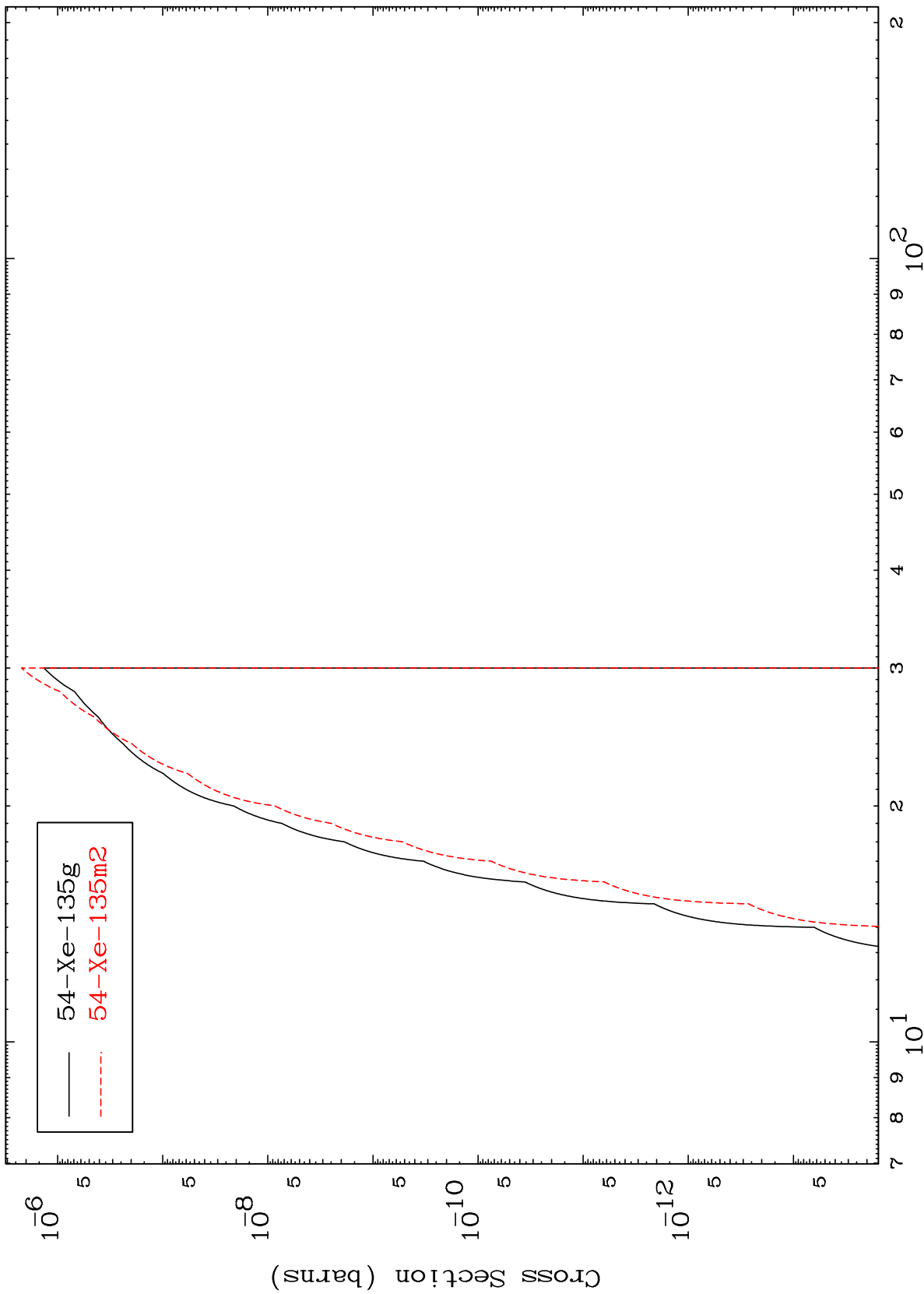


MAT 5534

(n,p) d

55-Cs-136

Radionuclide Production Cross Section



32

Incident Energy (MeV)

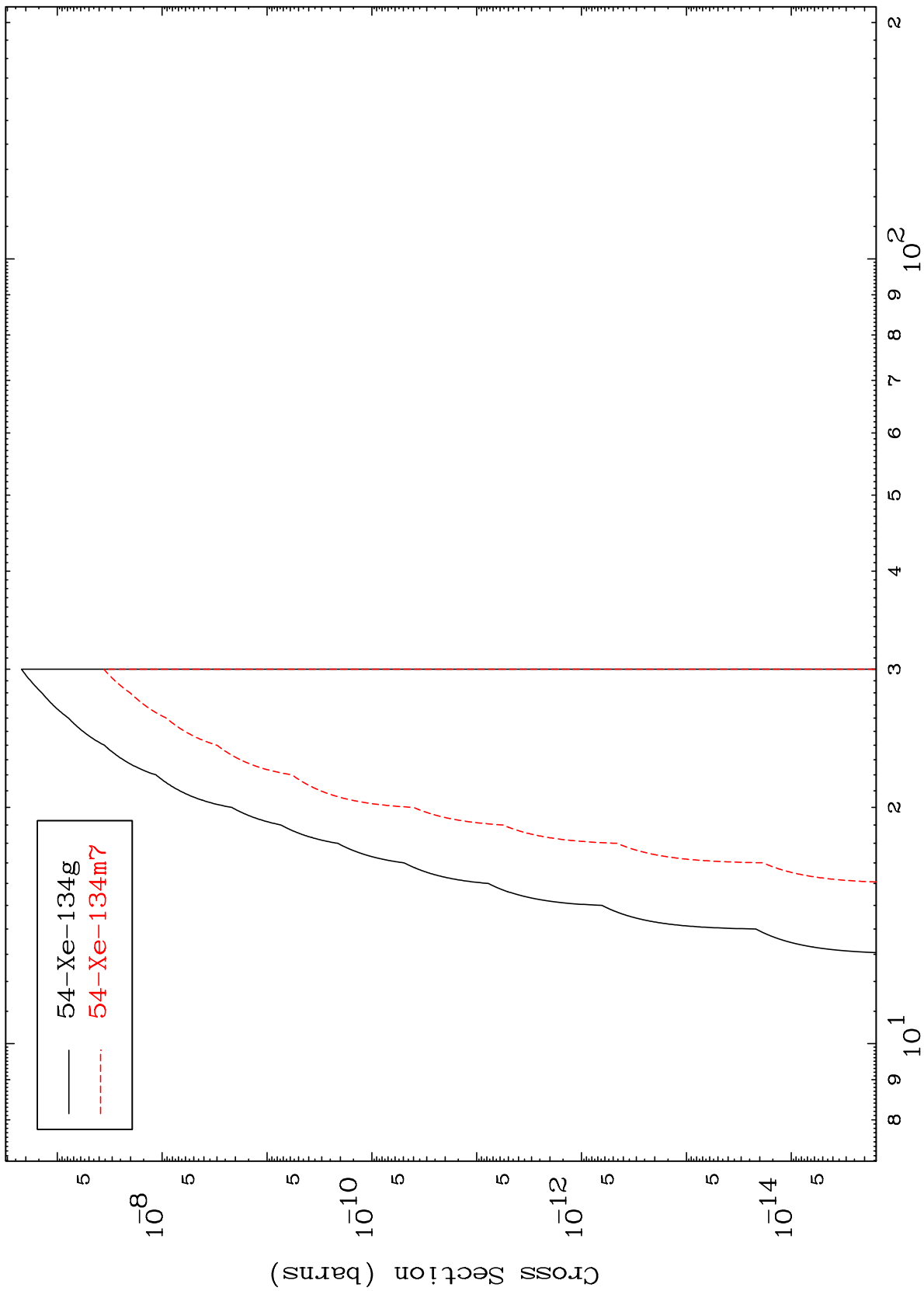
55-Cs-136

MAT 5534

(n,p) t

55-Cs-136

Radionuclide Production Cross Section



33

Incident Energy (MeV)

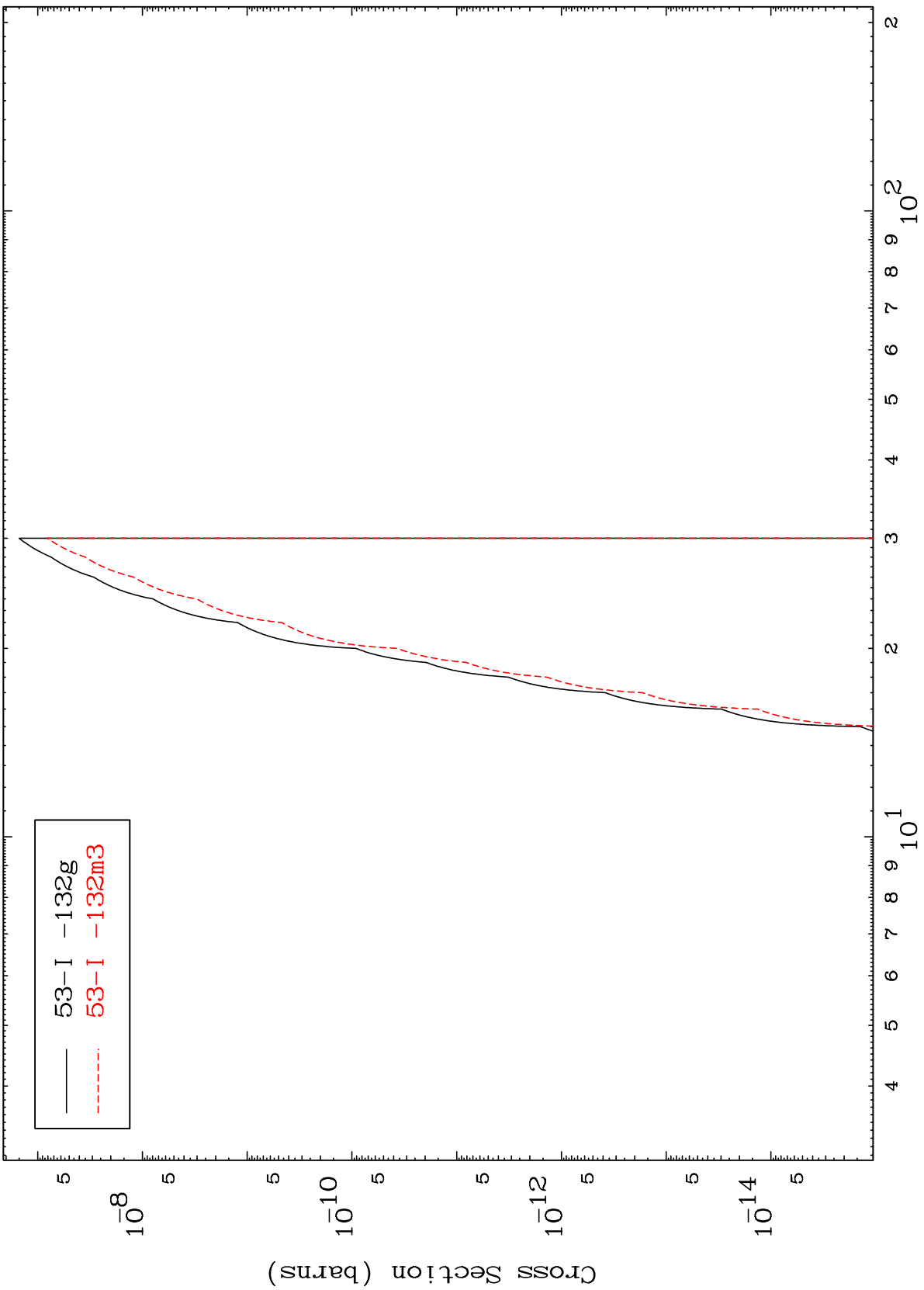
55-Cs-136

MAT 5534

(n,d)  $\alpha$

55-Cs-136

Radionuclide Production Cross Section



34

Incident Energy (MeV)

55-Cs-136