

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

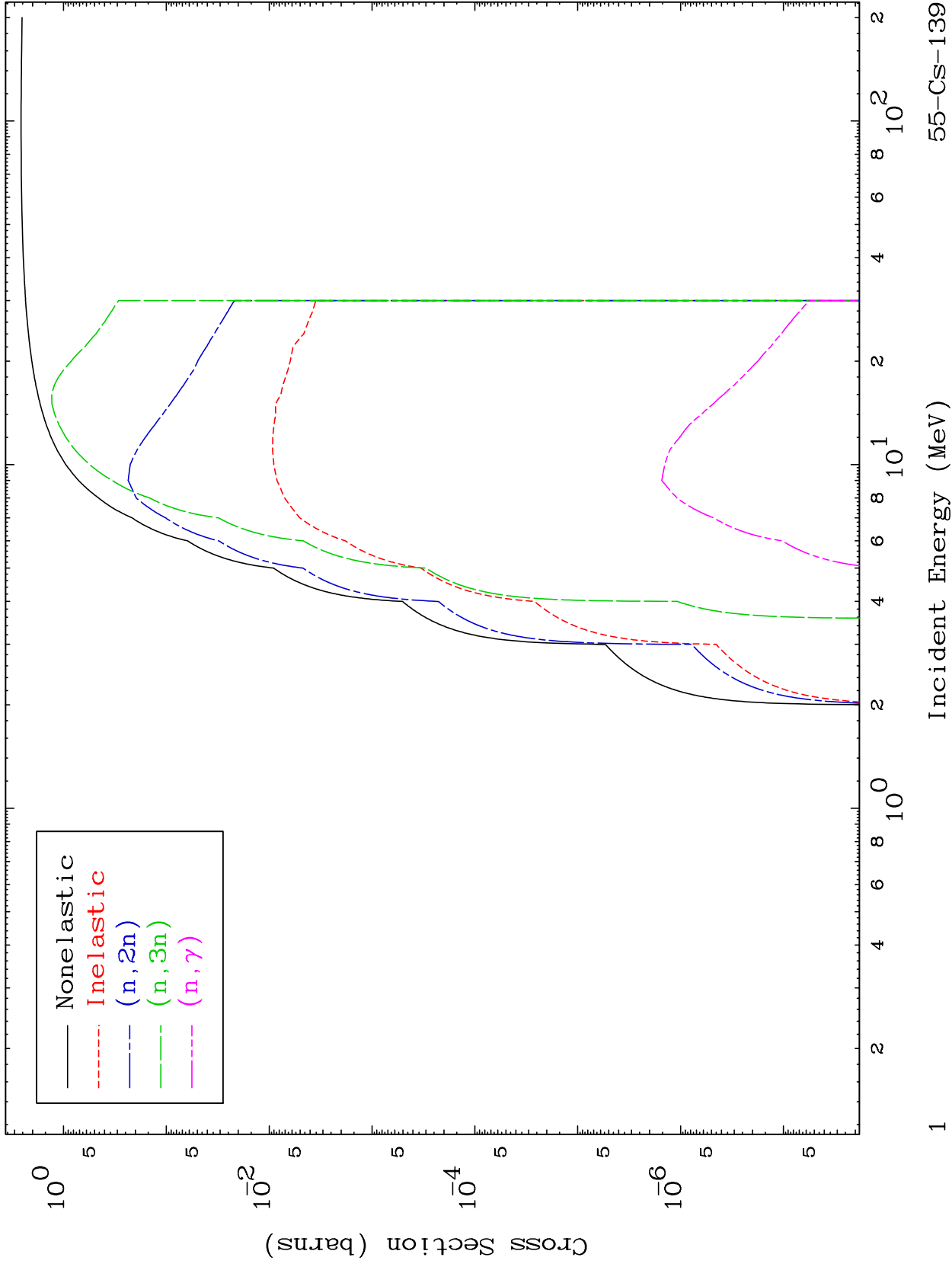
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

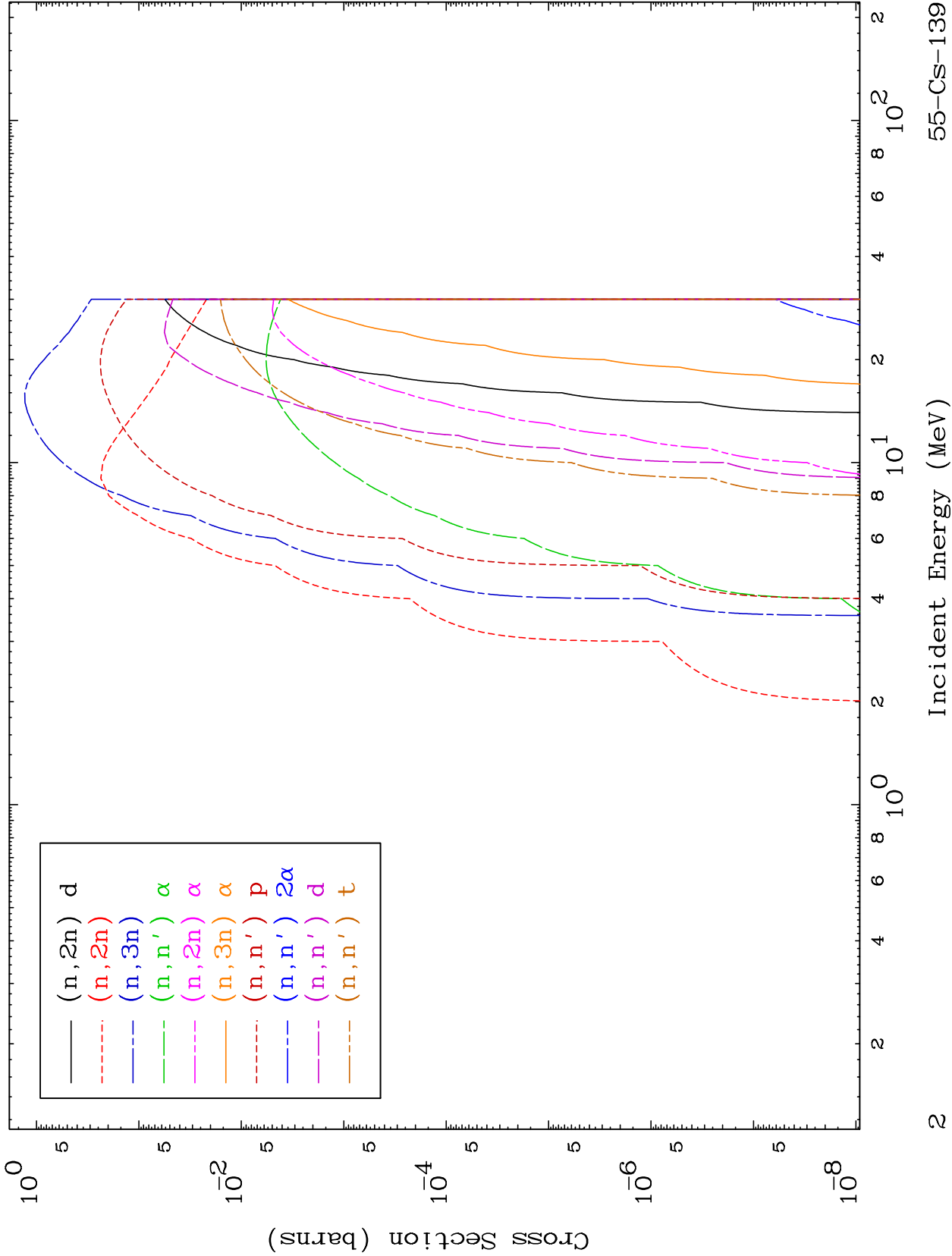
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

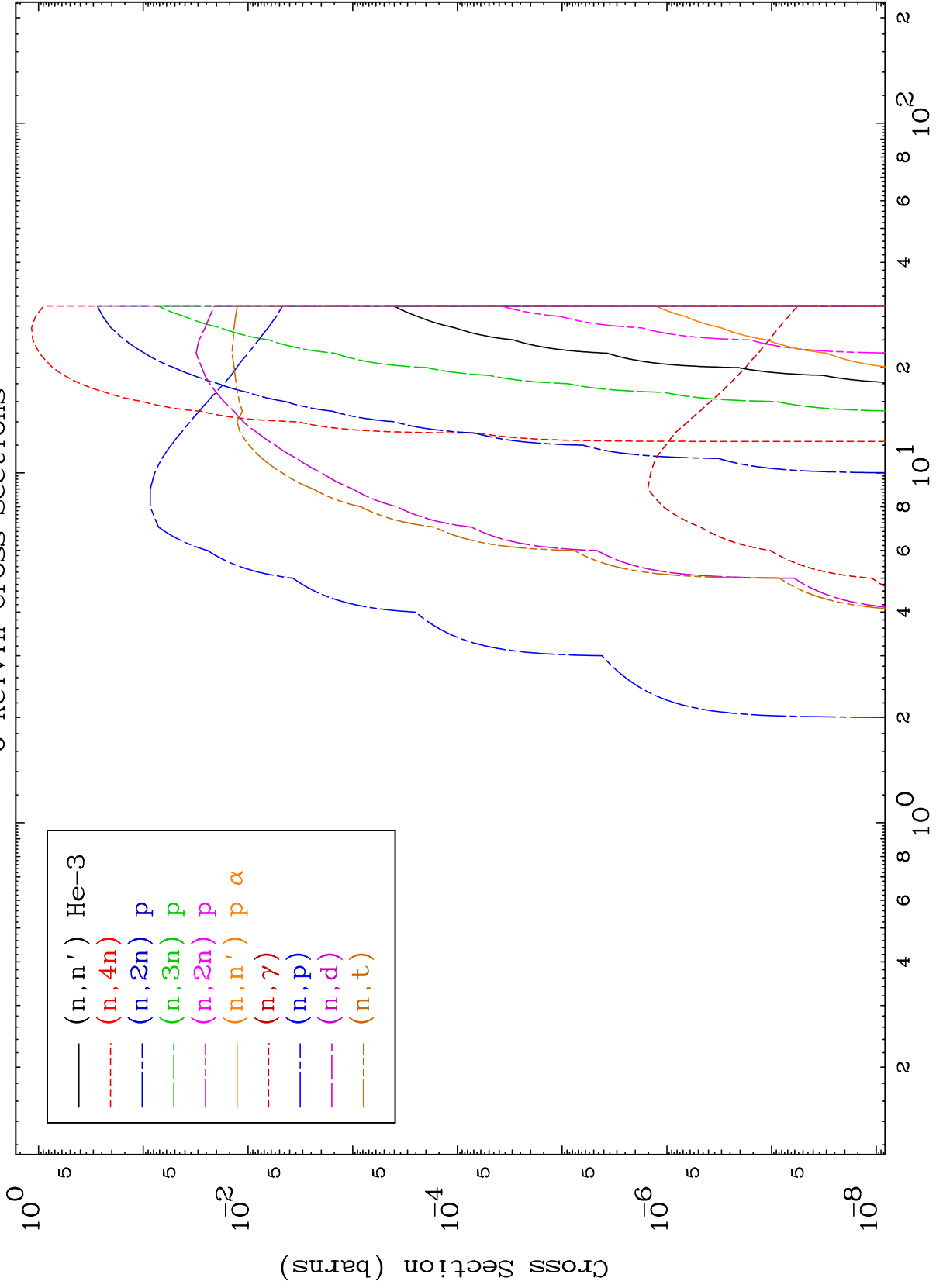




MAT 5543

Deuteron Neutron Absorption
0 Kelvin Cross Sections

55-Cs-139



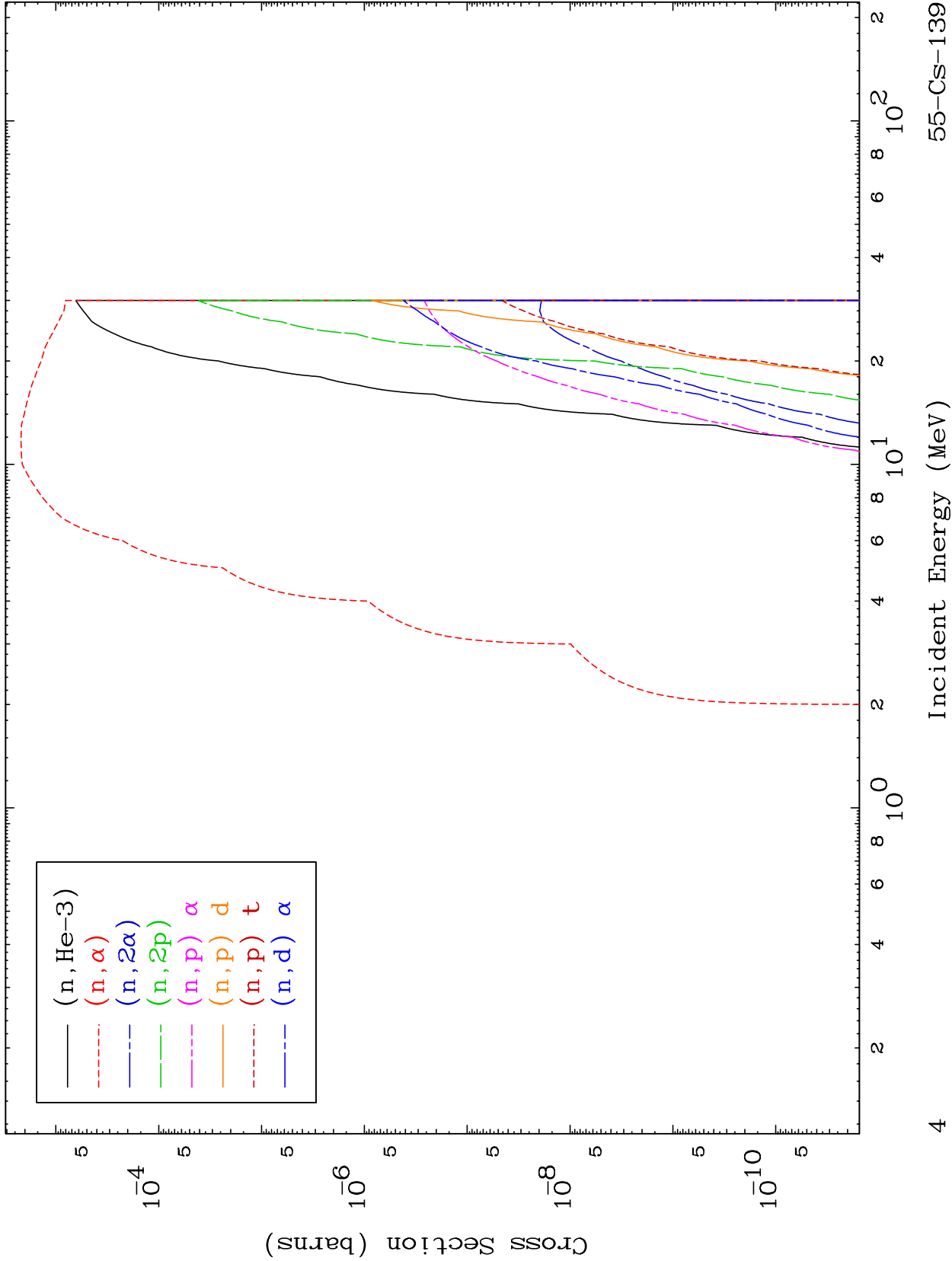
55-Cs-139

Incident Energy (MeV)

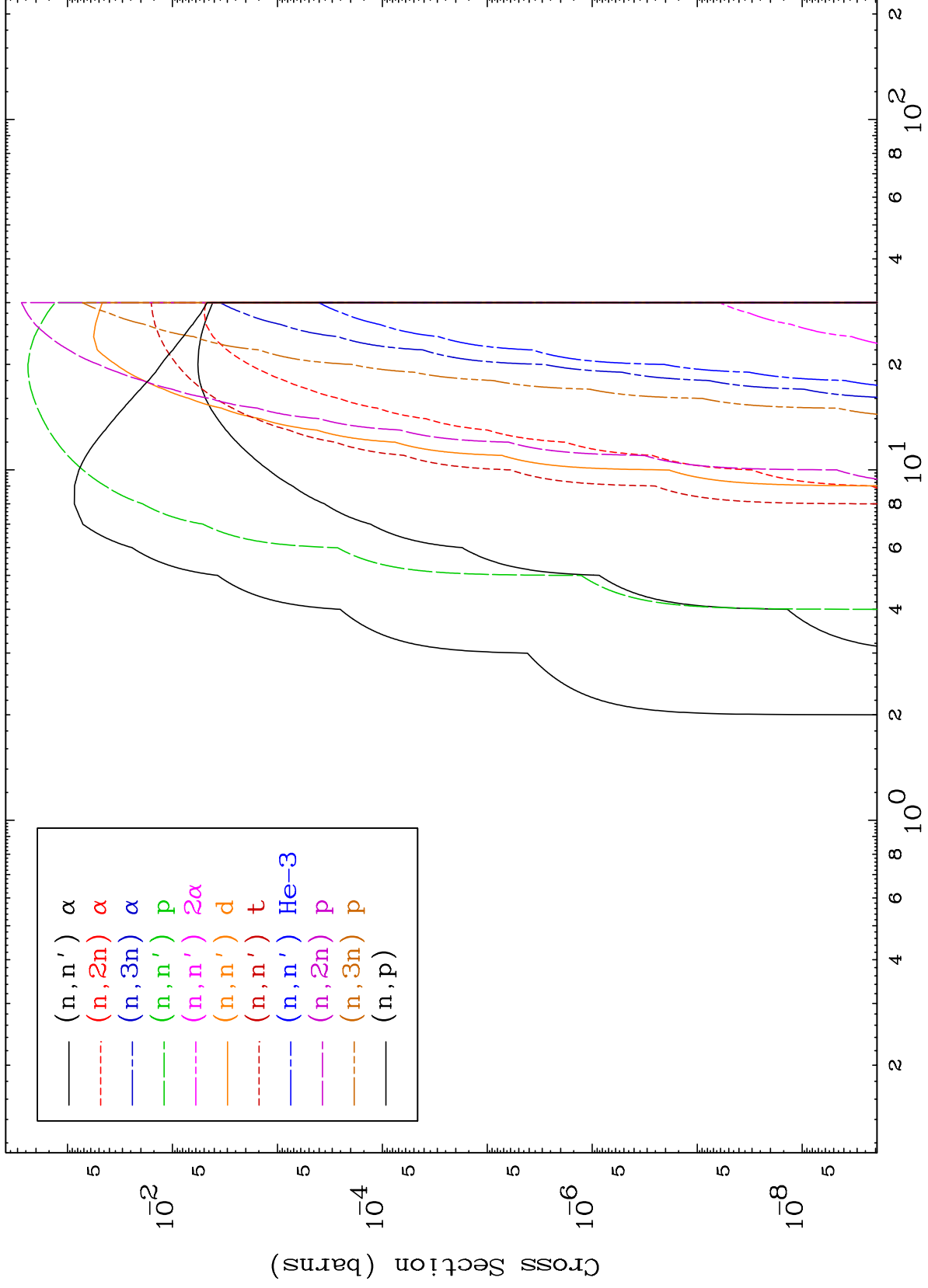
MAT 5543

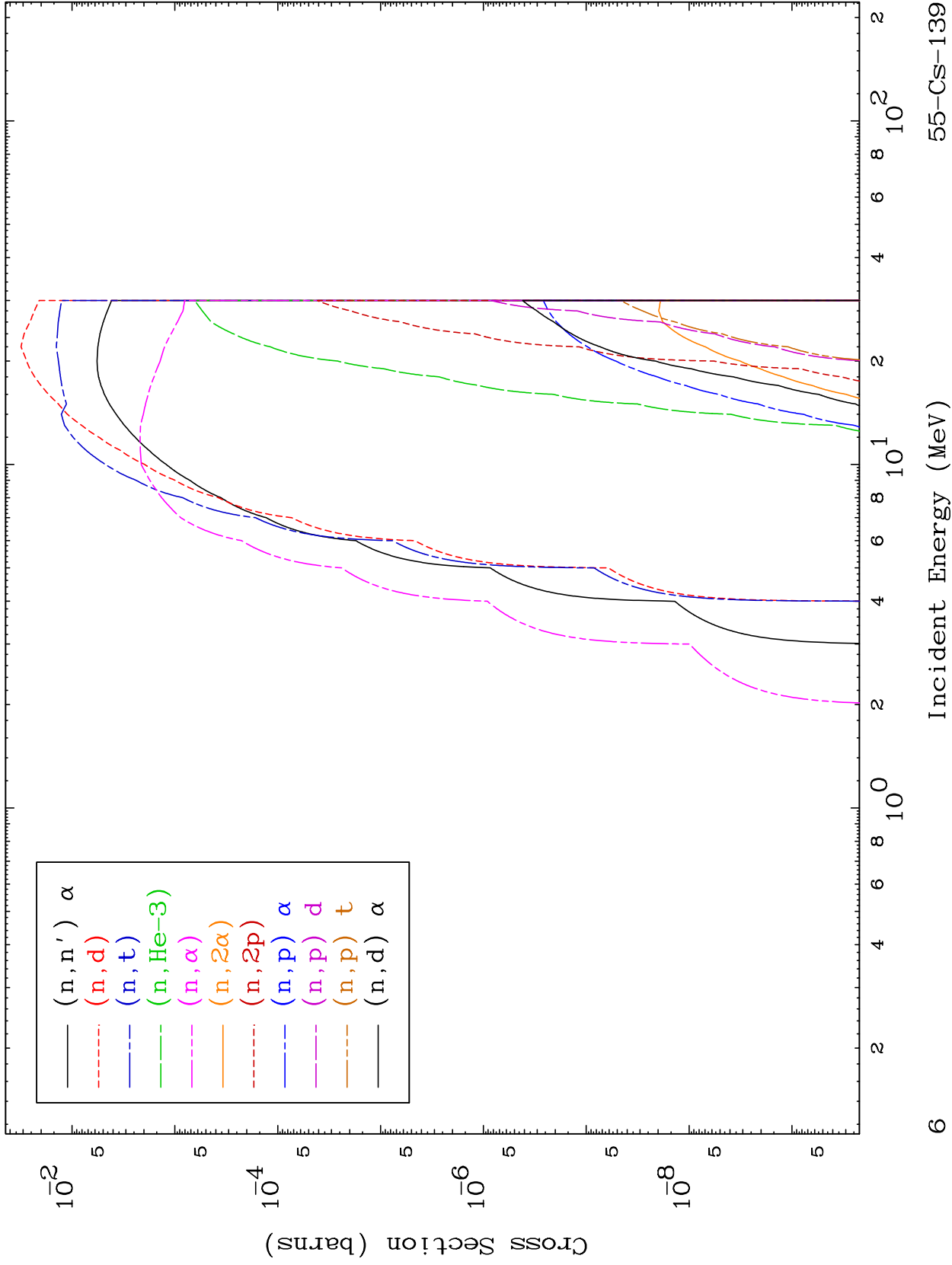
Deuteron Neutron Absorption
0 Kelvin Cross Sections

55-Cs-139



55-Cs-139

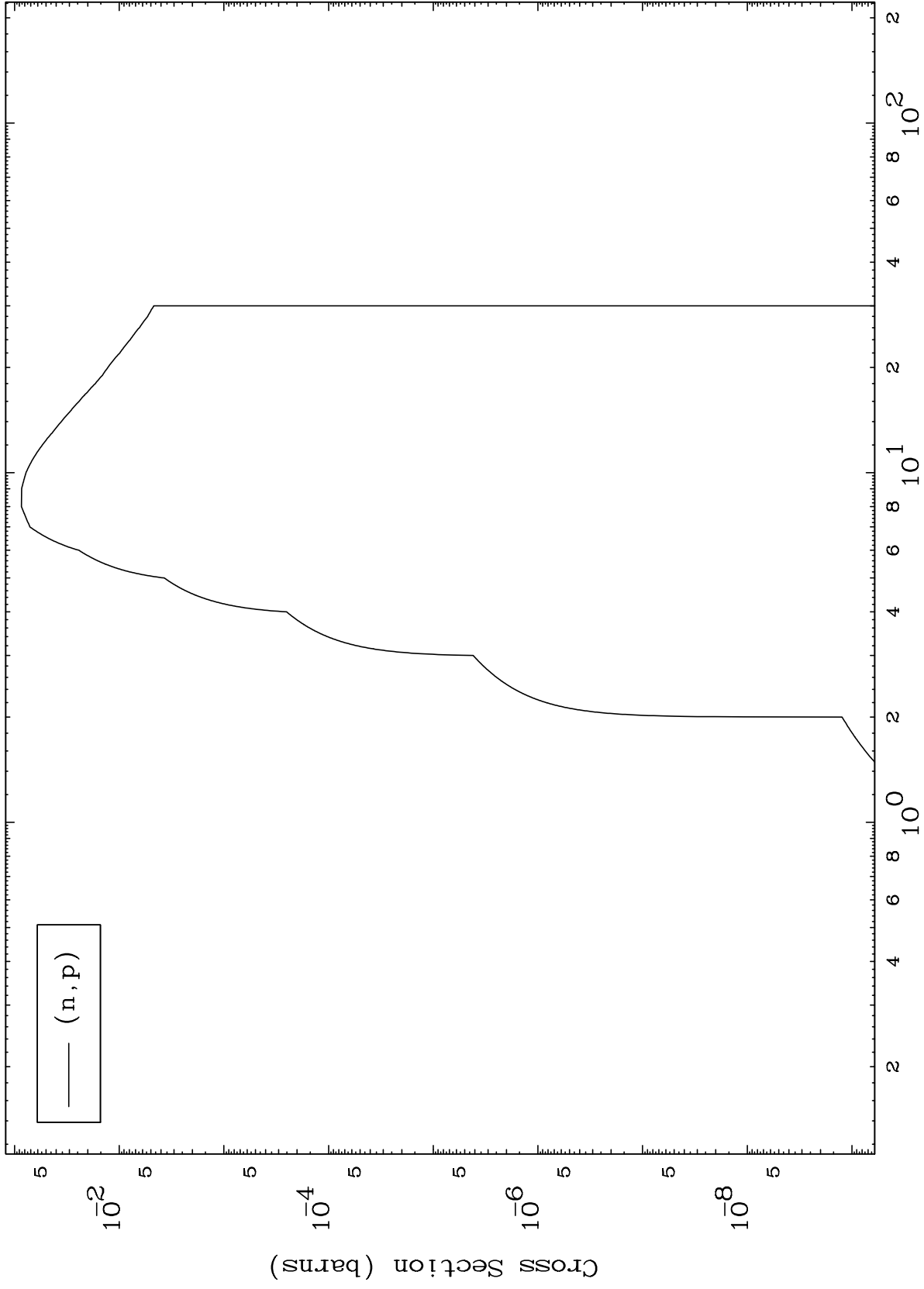




MAT 5543

(d,p) Levels
0 Kelvin Cross Sections

55-Cs-139

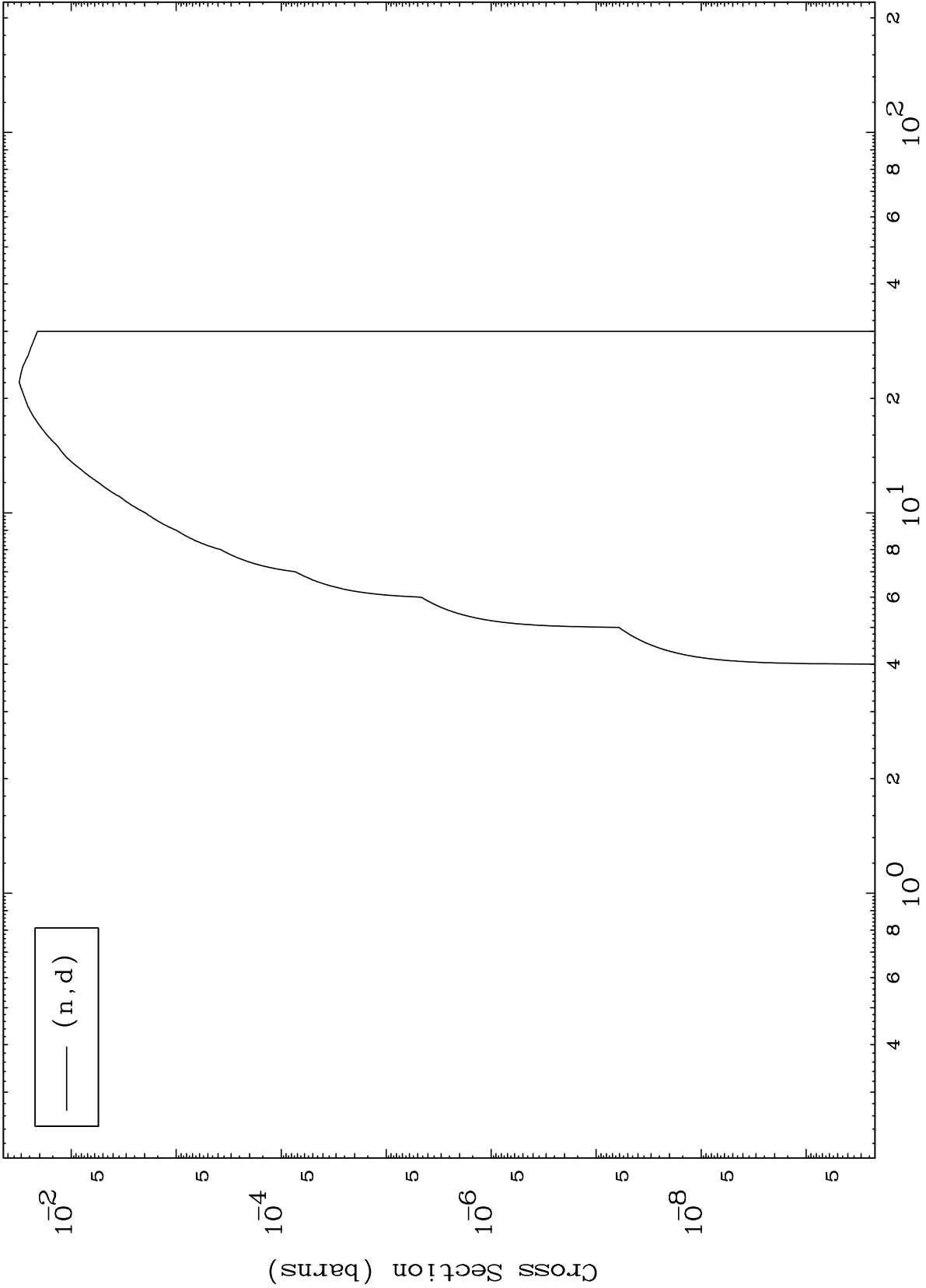


MAT 5543

(d,d) Levels

55-Cs-139

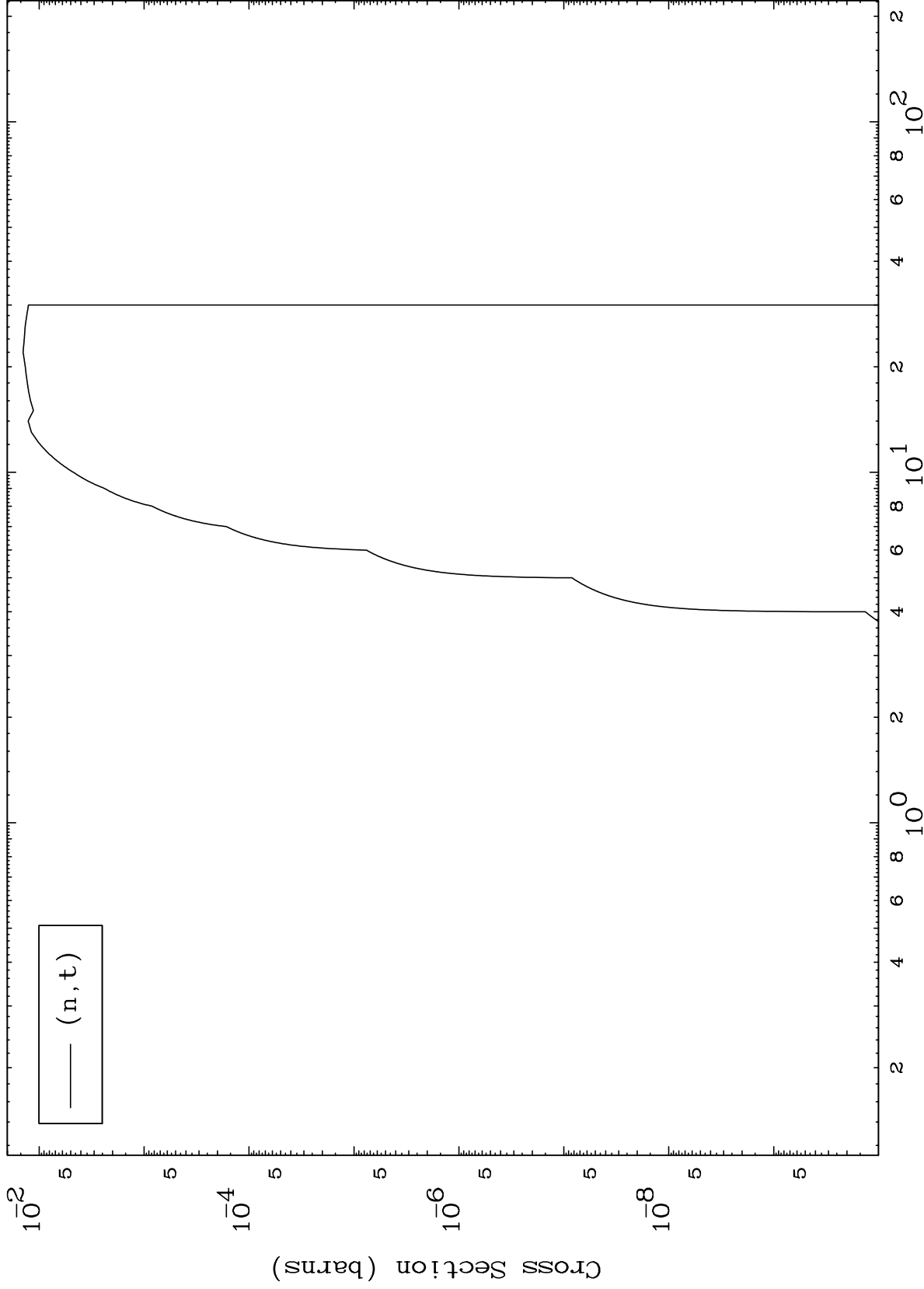
0 Kelvin Cross Sections



MAT 5543

55-Cs-139

(d,t) Levels
0 Kelvin Cross Sections



55-Cs-139

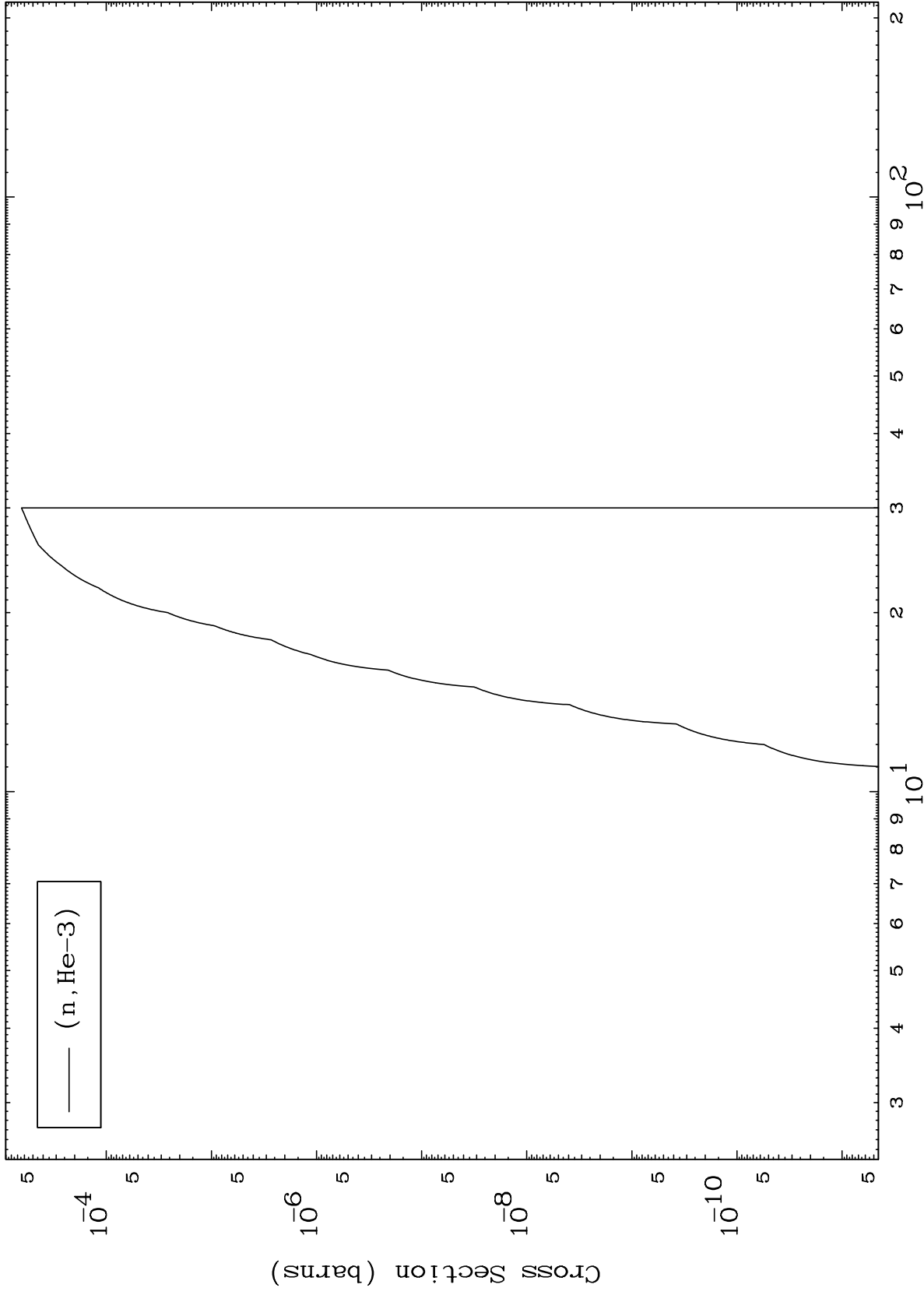
Incident Energy (MeV)

MAT 5543

(d,He3) Levels

55-Cs-139

0 Kelvin Cross Sections



10

Incident Energy (MeV)

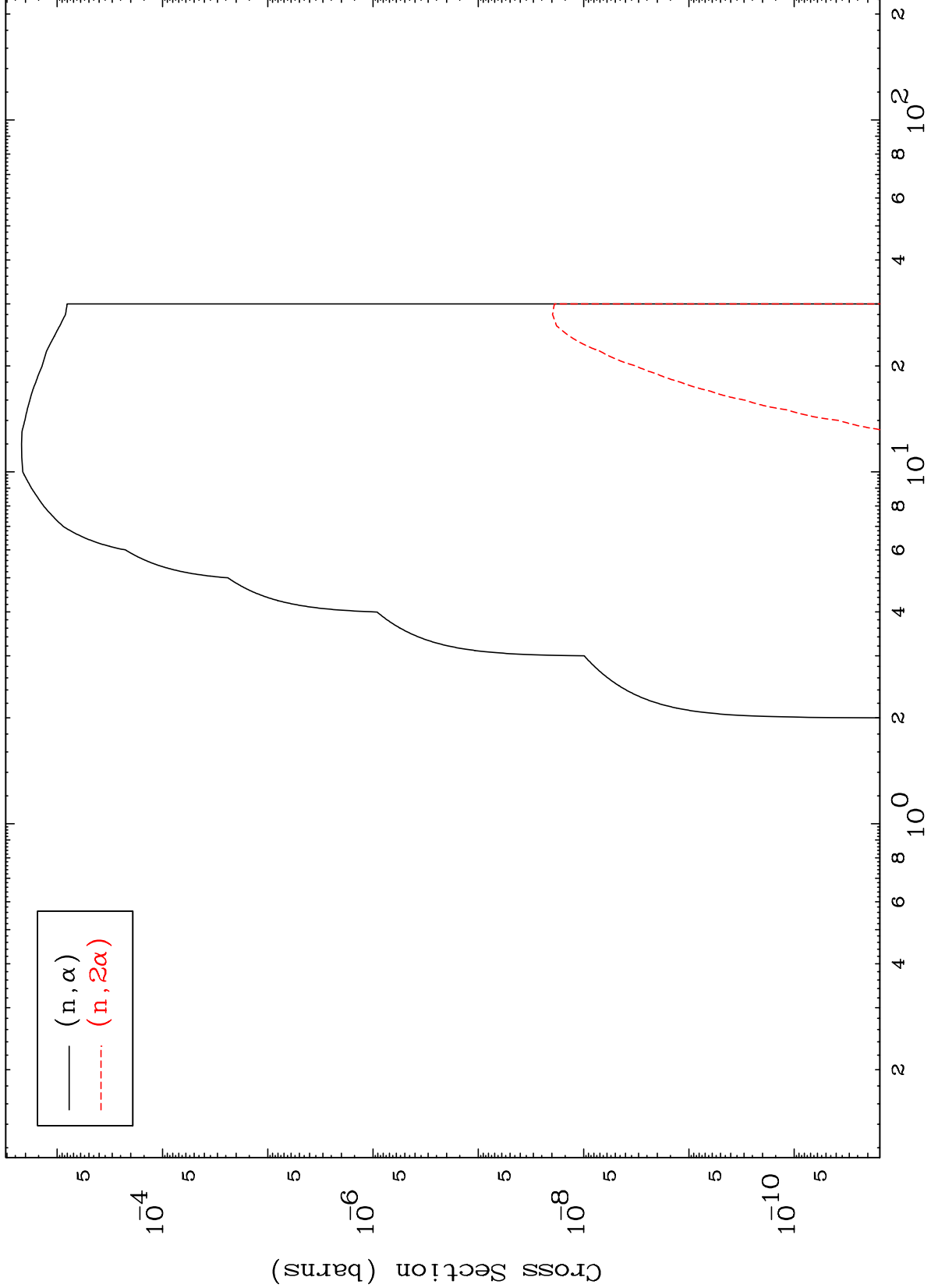
55-Cs-139

MAT 5543

(d, α) Levels

55-Cs-139

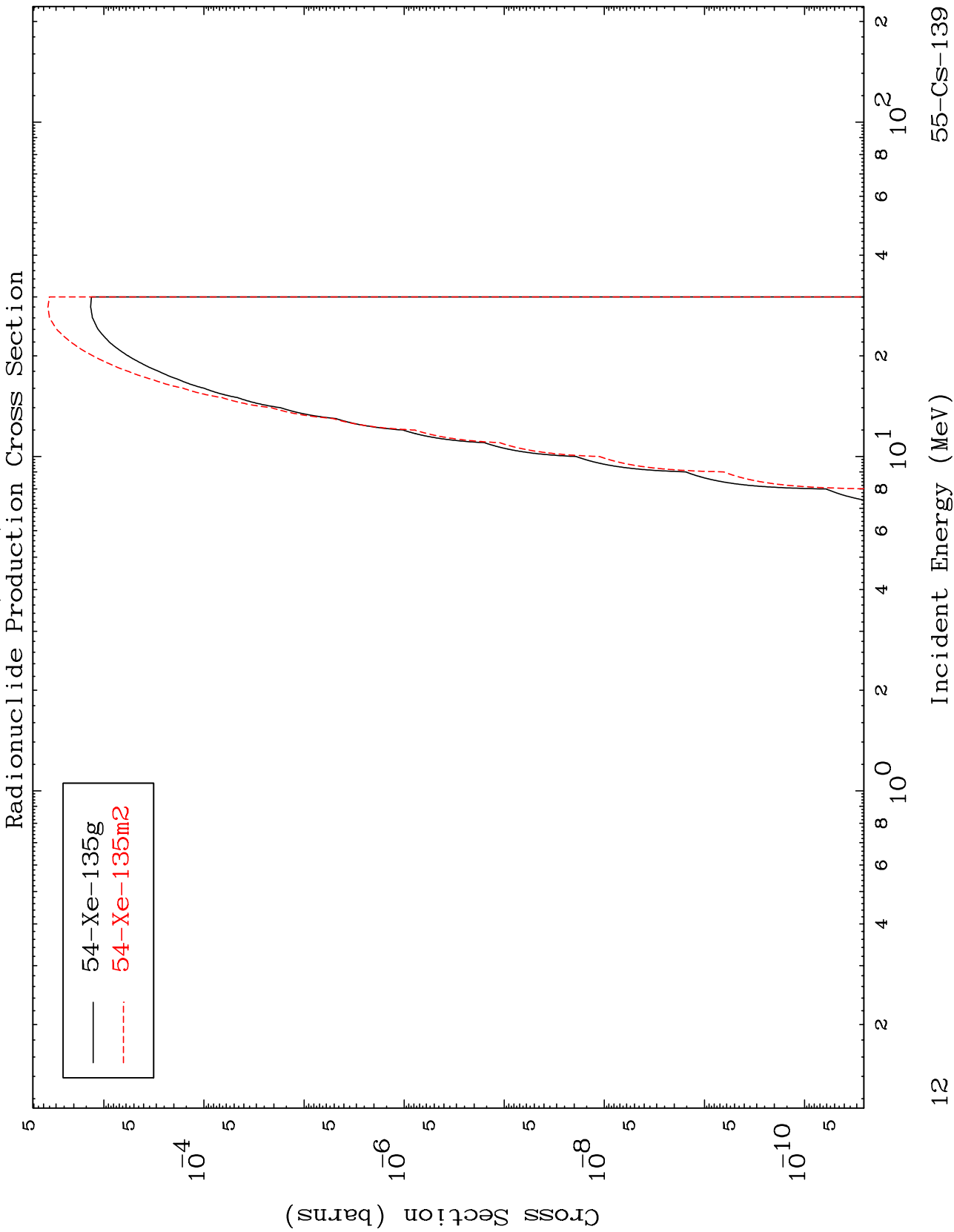
0 Kelvin Cross Sections



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(n,2n) α

55-Cs-139

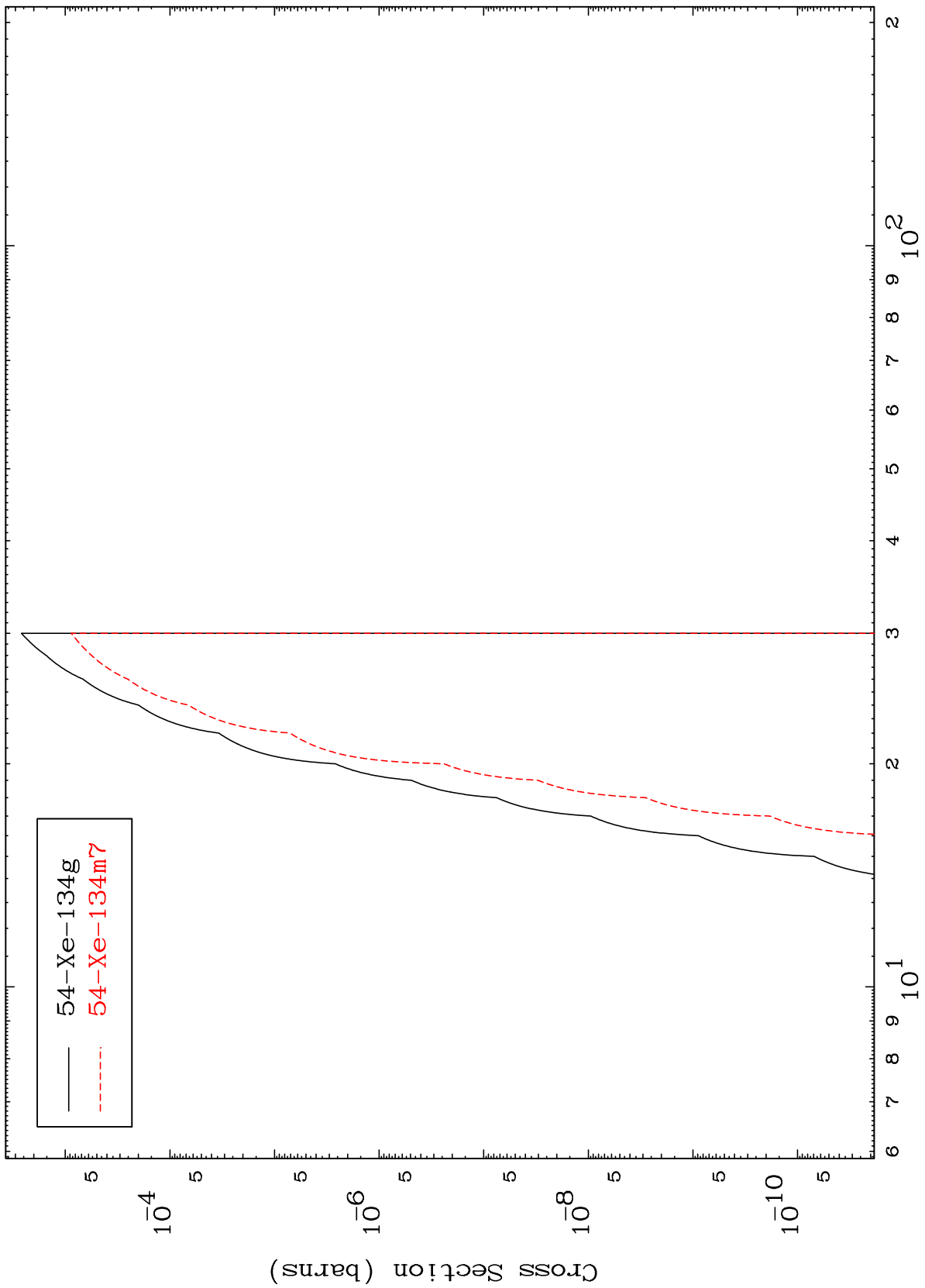


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(n,3n) α

55-Cs-139

Radionuclide Production Cross Section



13

Incident Energy (MeV)

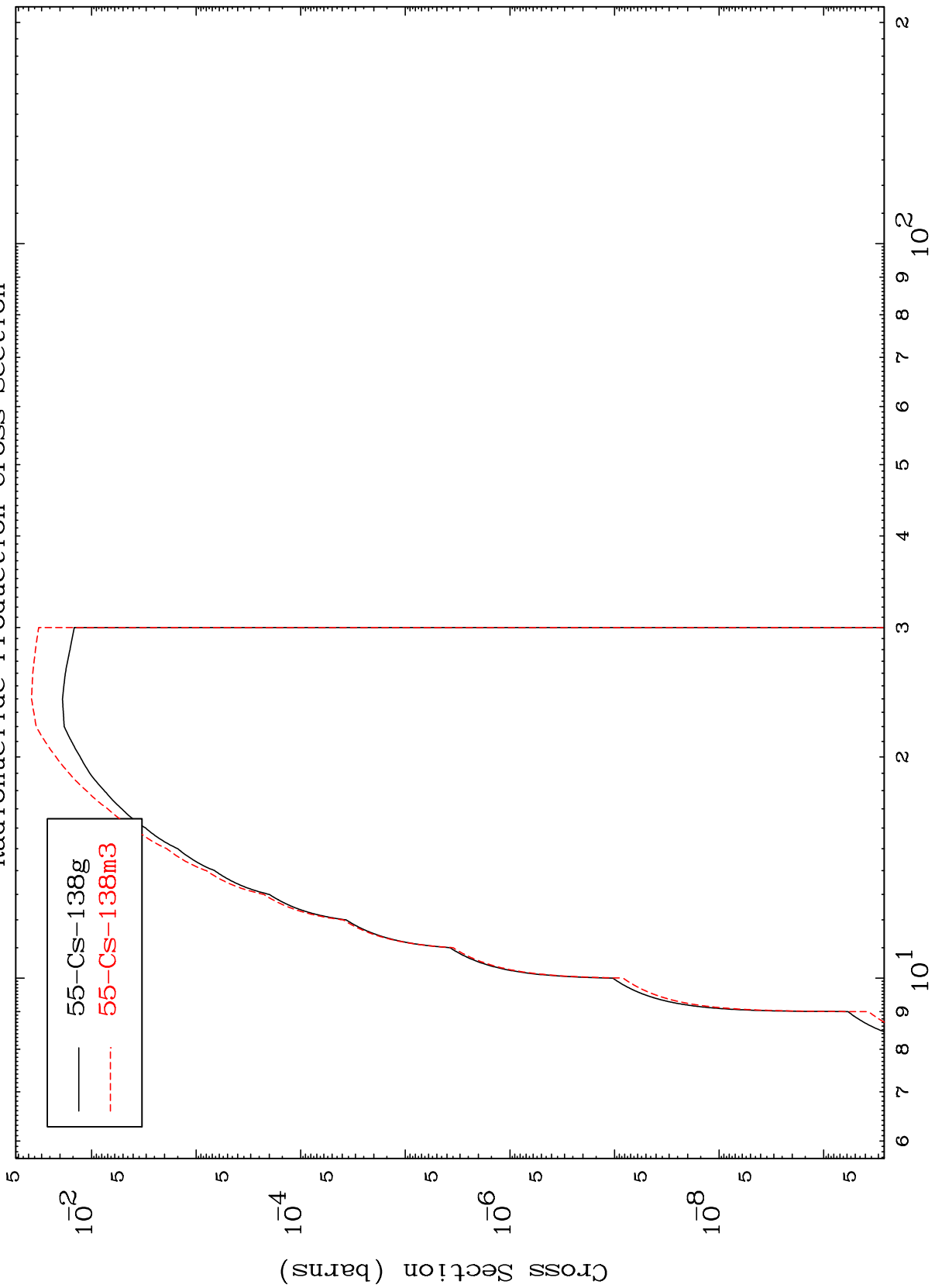
55-Cs-139

MAT 5543

(n,n') d

55-Cs-139

Radionuclide Production Cross Section



14

Incident Energy (MeV)

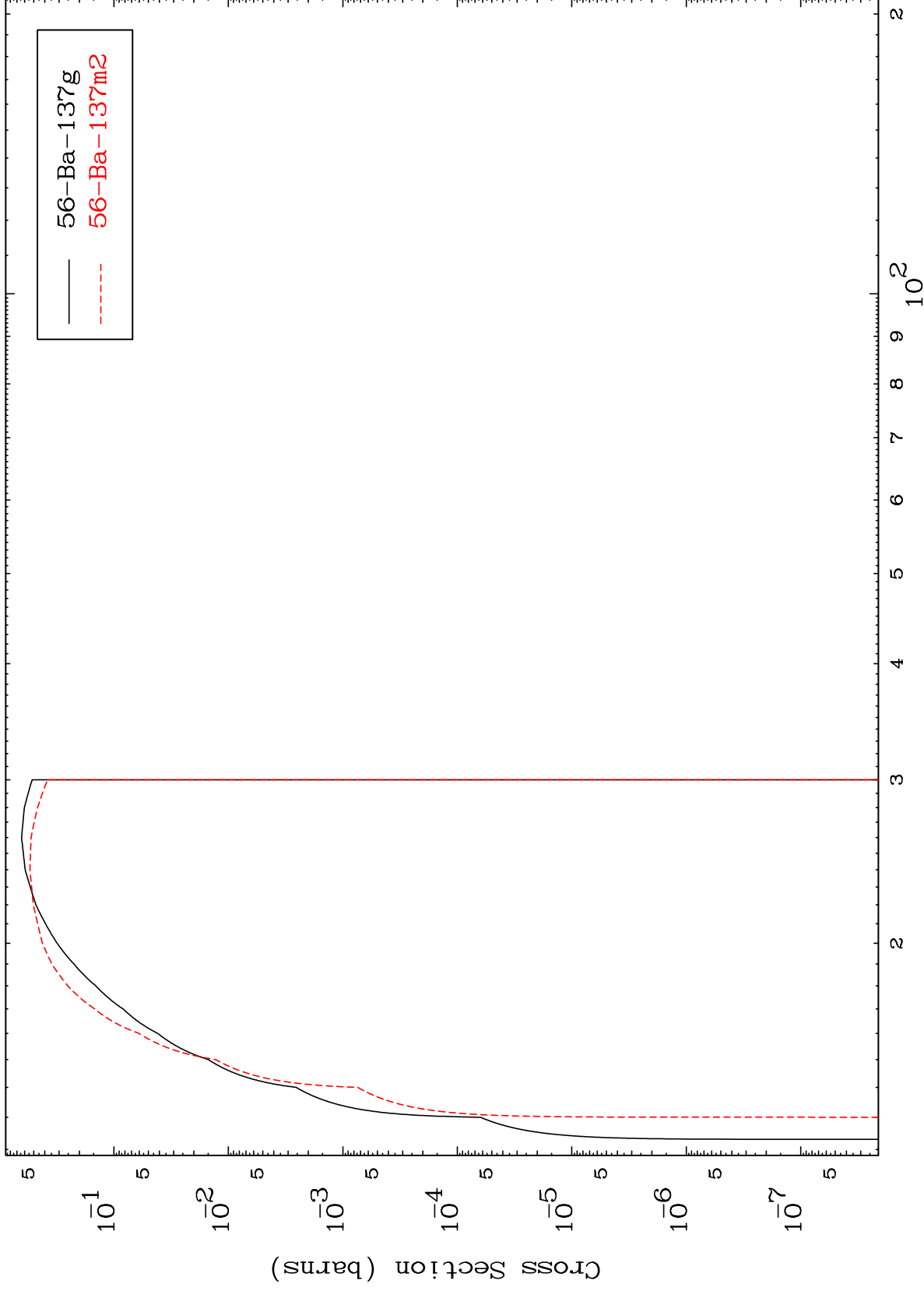
55-Cs-139

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(n,4n)

55-Cs-139

Radionuclide Production Cross Section



56-Ba-137g
56-Ba-137m2

15

Incident Energy (MeV)

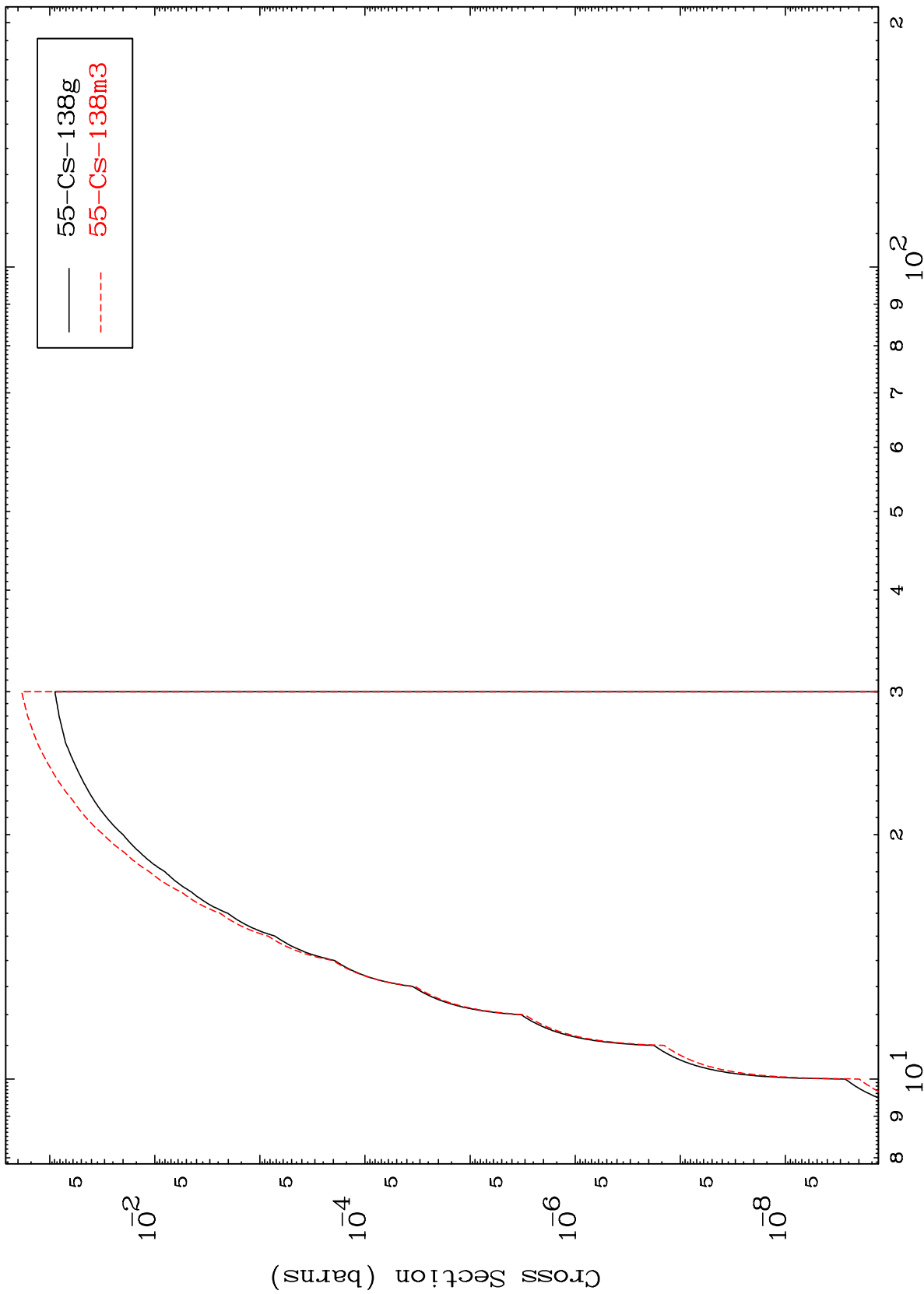
55-Cs-139

MAT 5543

(n,2n) p

55-Cs-139

Radionuclide Production Cross Section



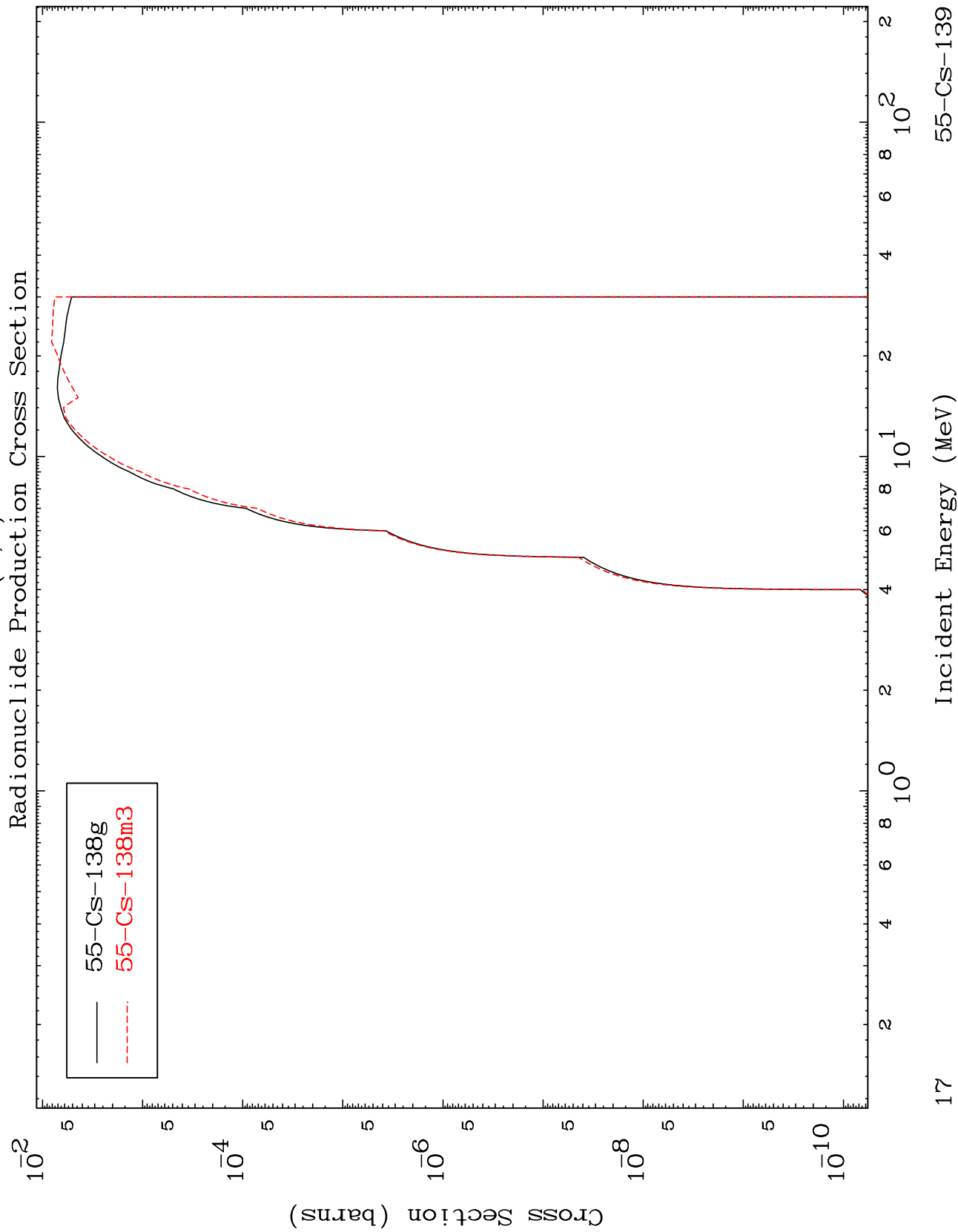
16

Incident Energy (MeV)

55-Cs-139

MAT 5543

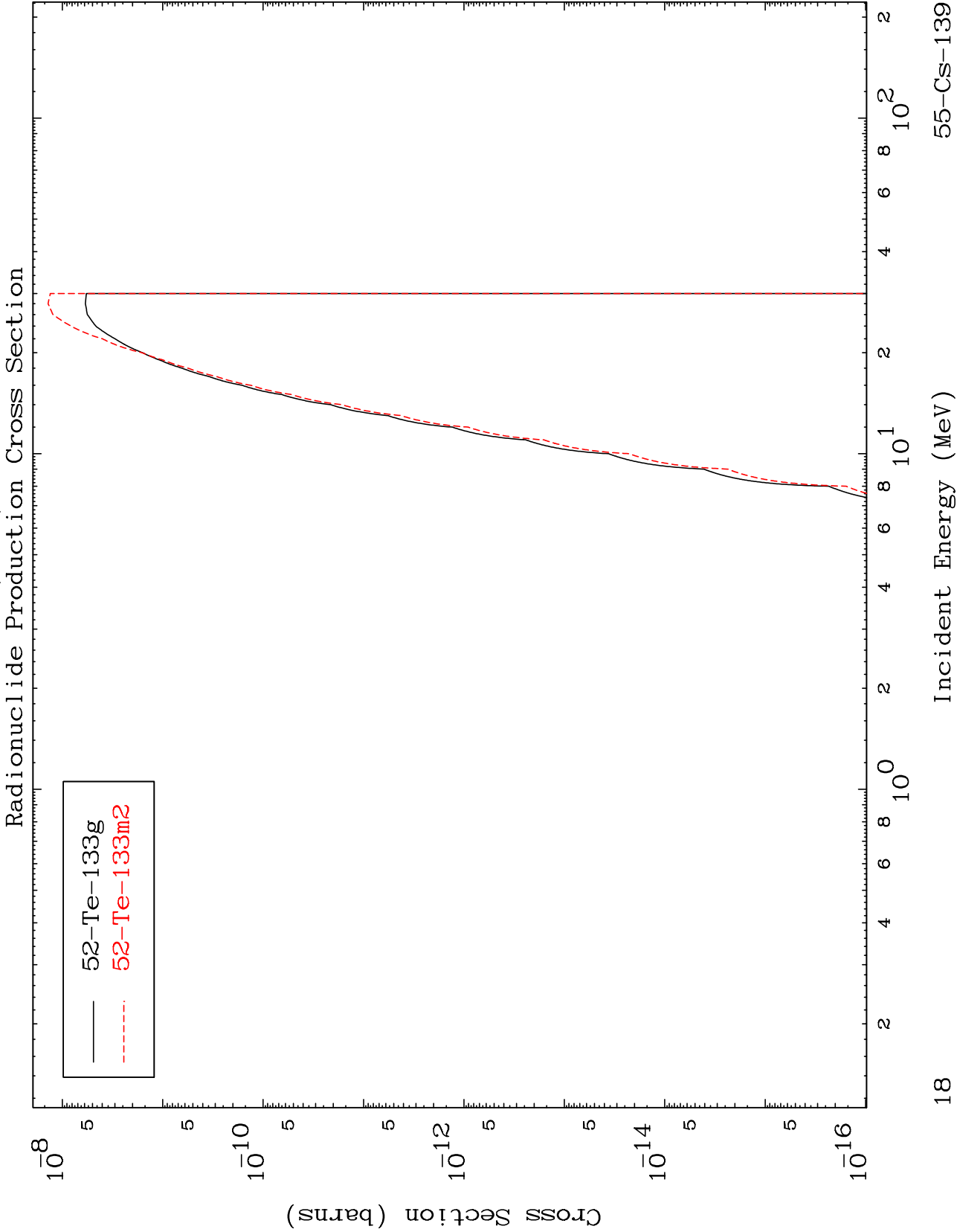
55-Cs-139



MAT 5543

(n,2α)

55-Cs-139



MAT 5543

(n,p) α

55-Cs-139

Radionuclide Production Cross Section

