

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

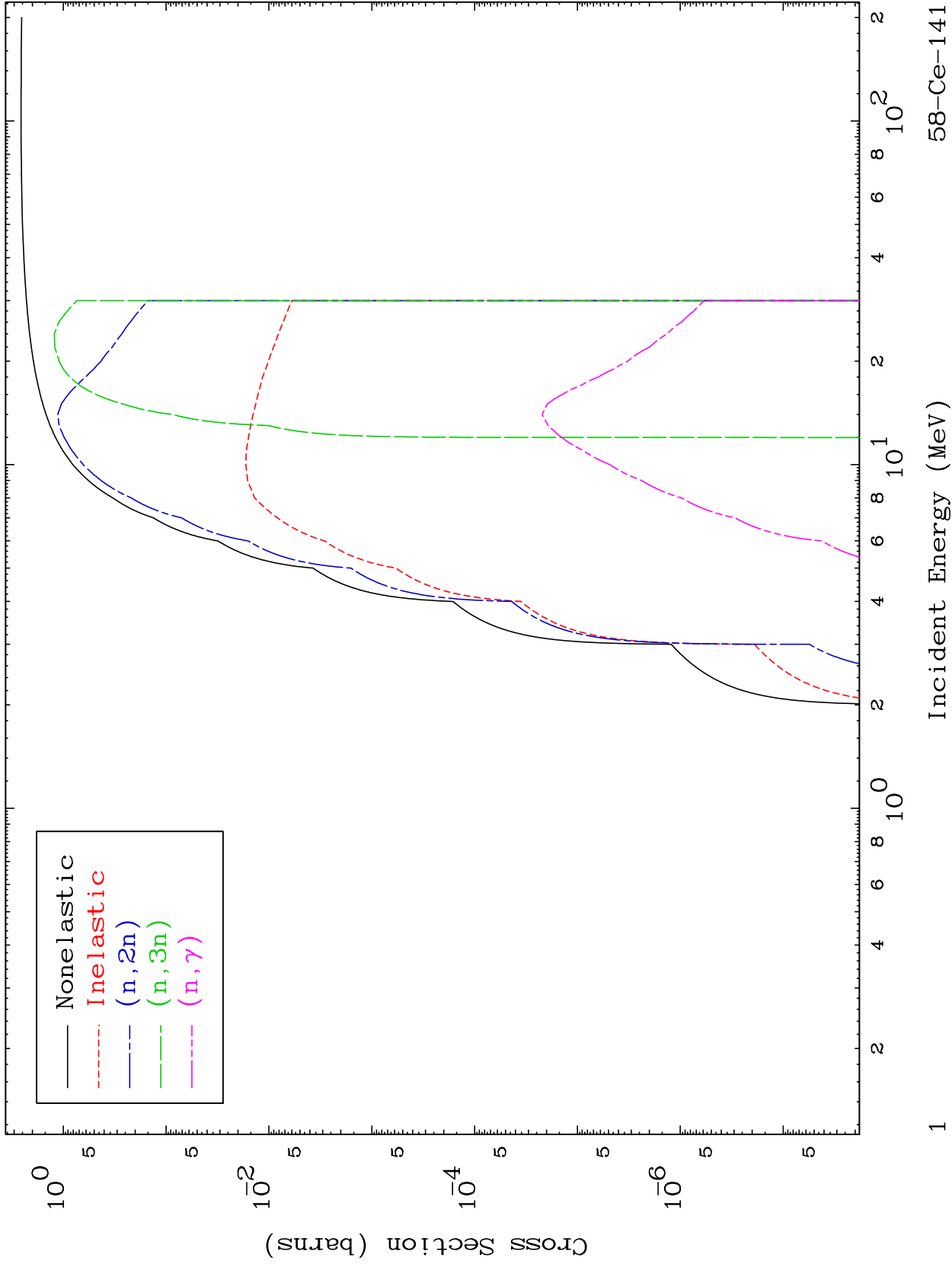
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Web:redcullen1.net/HOMEPAGE.NEW

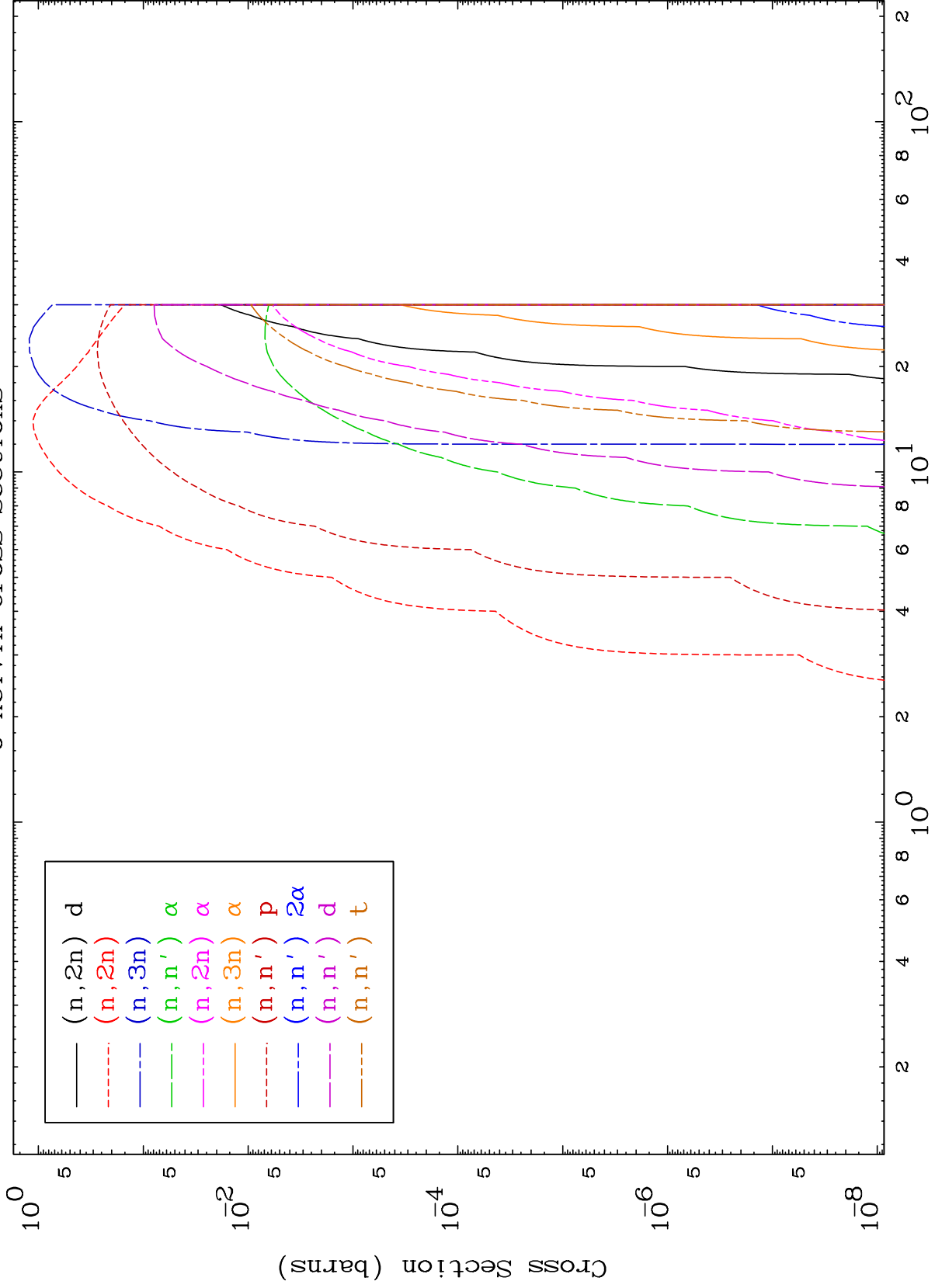
Press Mouse Button to Start



MAT 5840

Deuteron Neutron Absorption
0 Kelvin Cross Sections

58-Ce-141



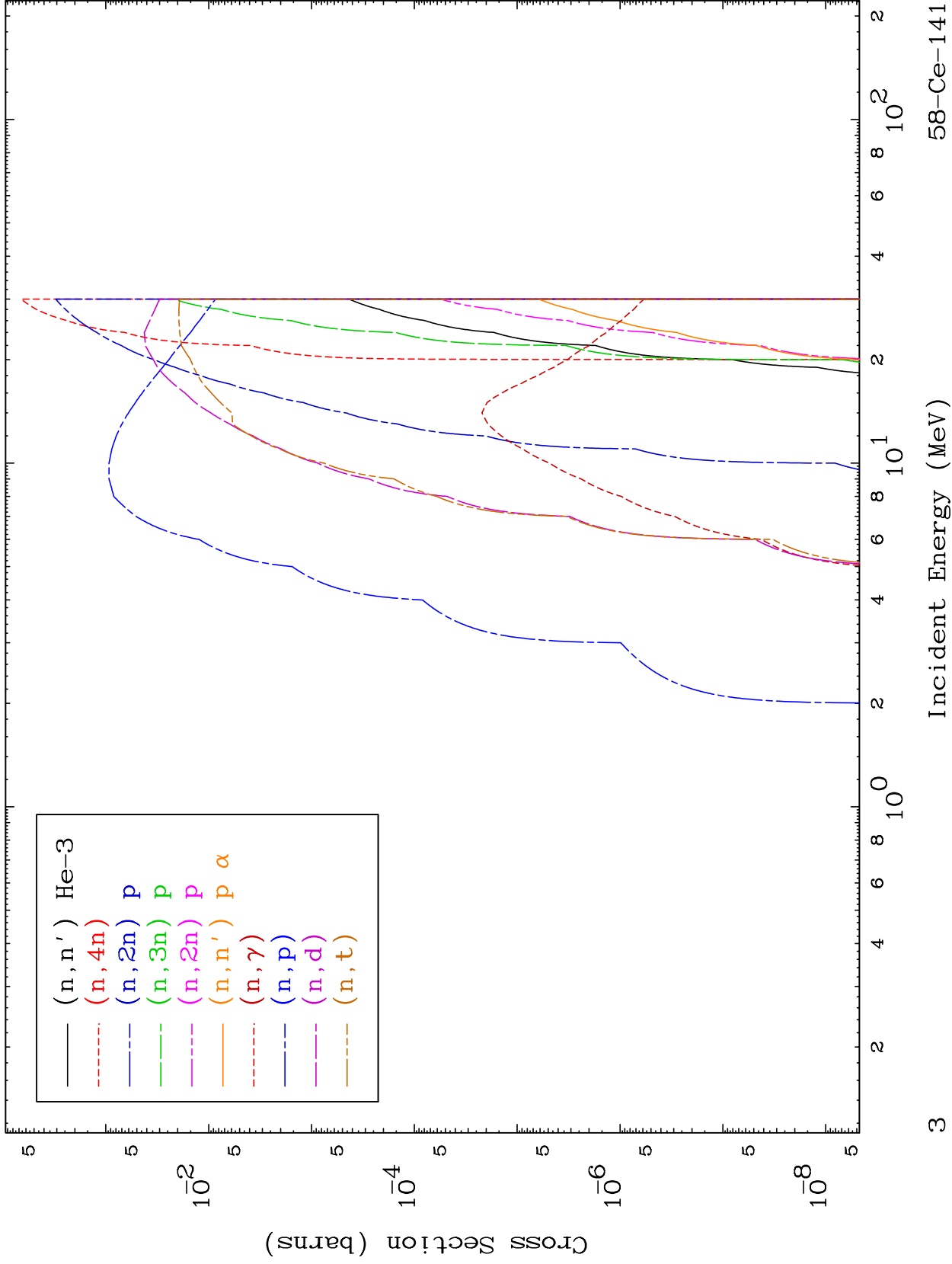
58-Ce-141

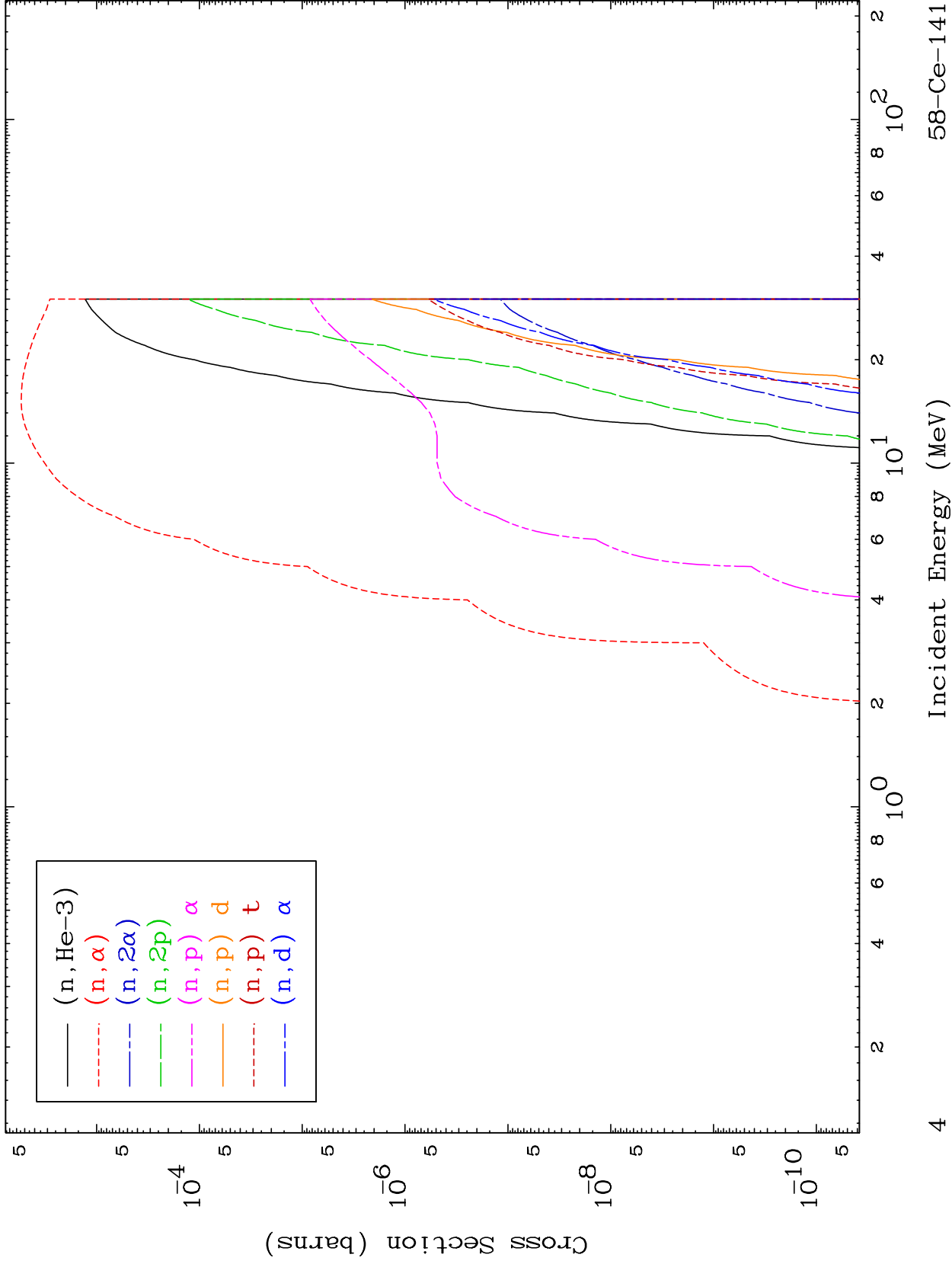
Incident Energy (MeV)

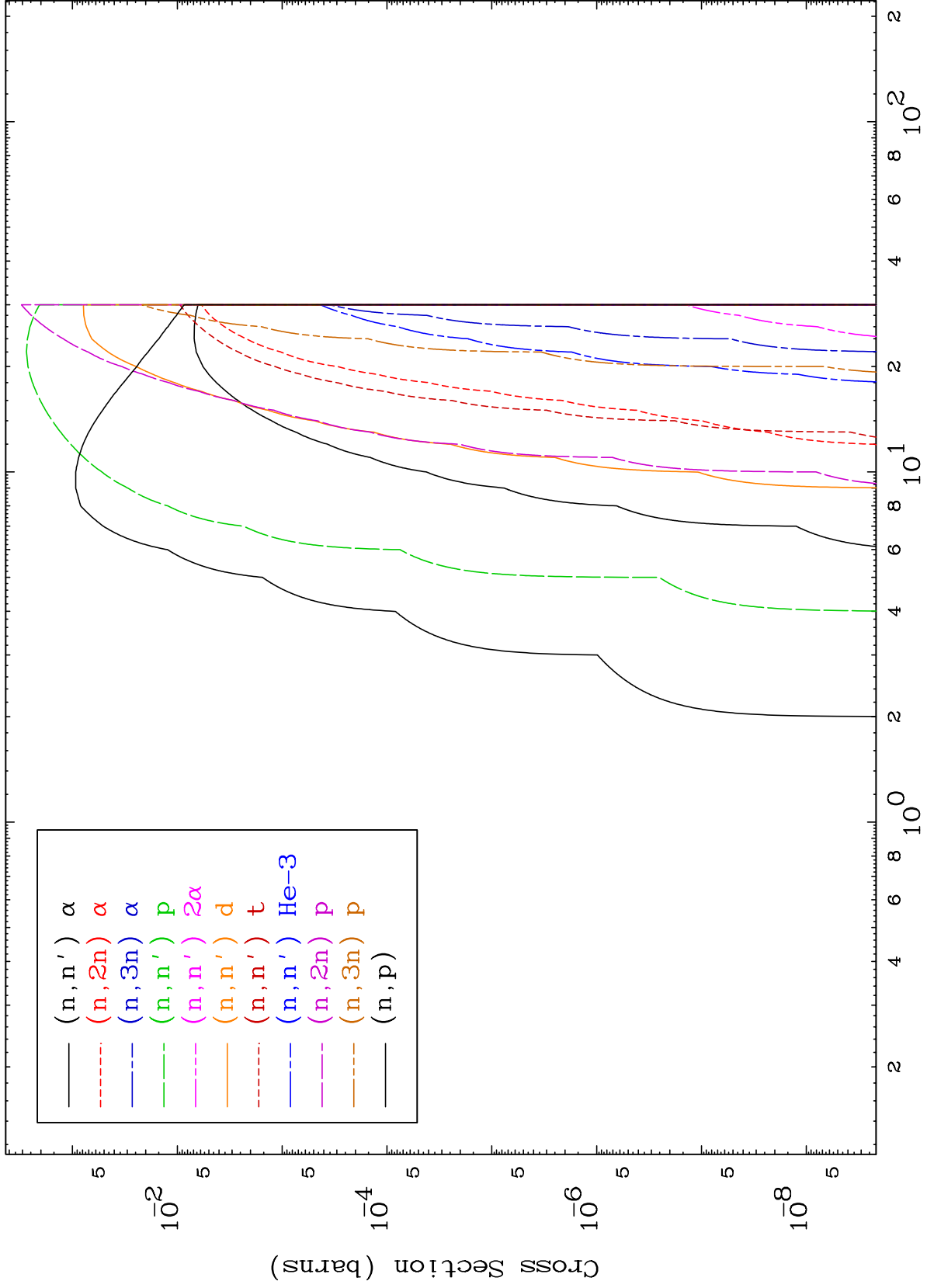
MAT 5840

Deuteron Neutron Absorption
0 Kelvin Cross Sections

58-Ce-141



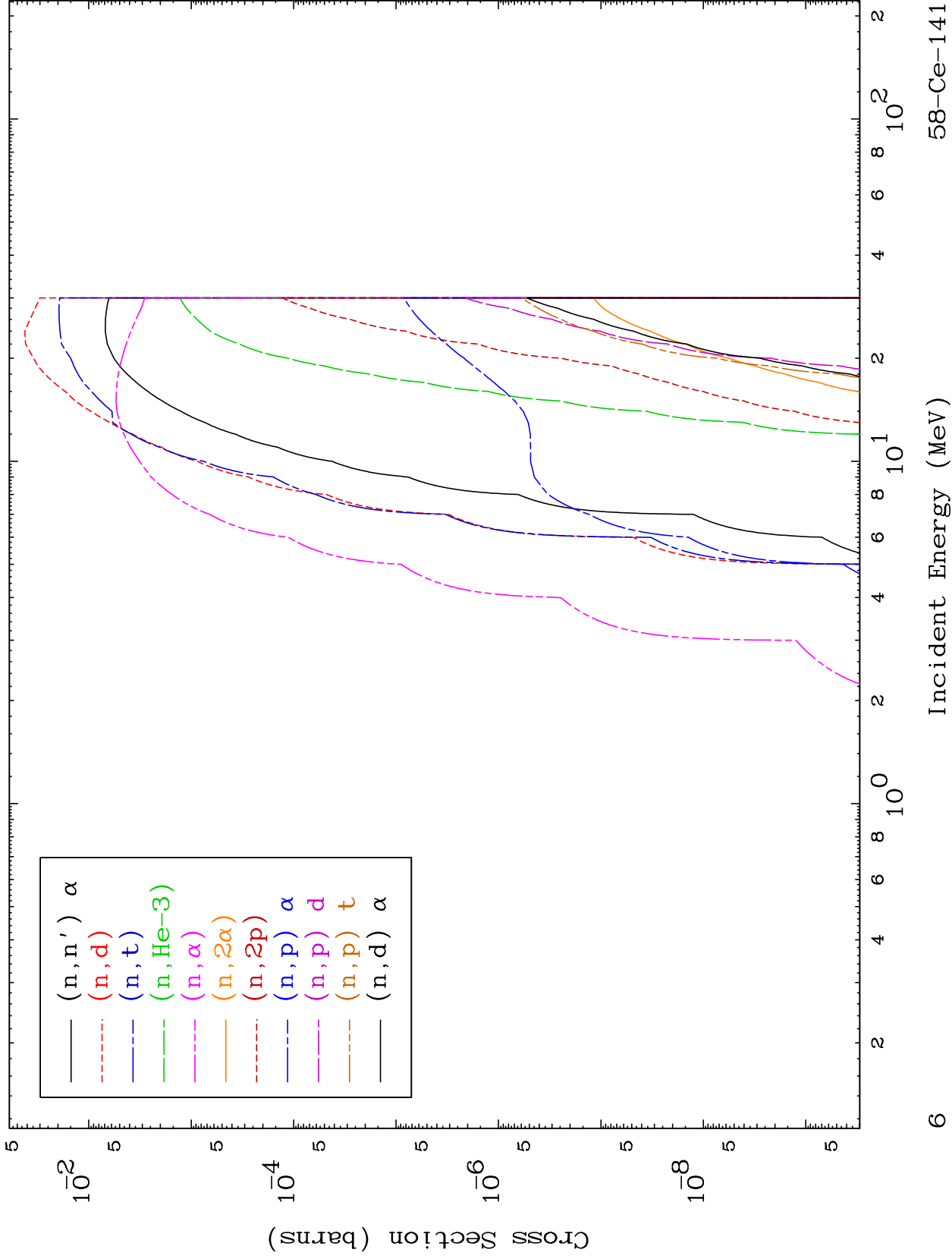




MAT 5840

Deuteron Charged Particle
0 Kelvin Cross Sections

58-Ce-141

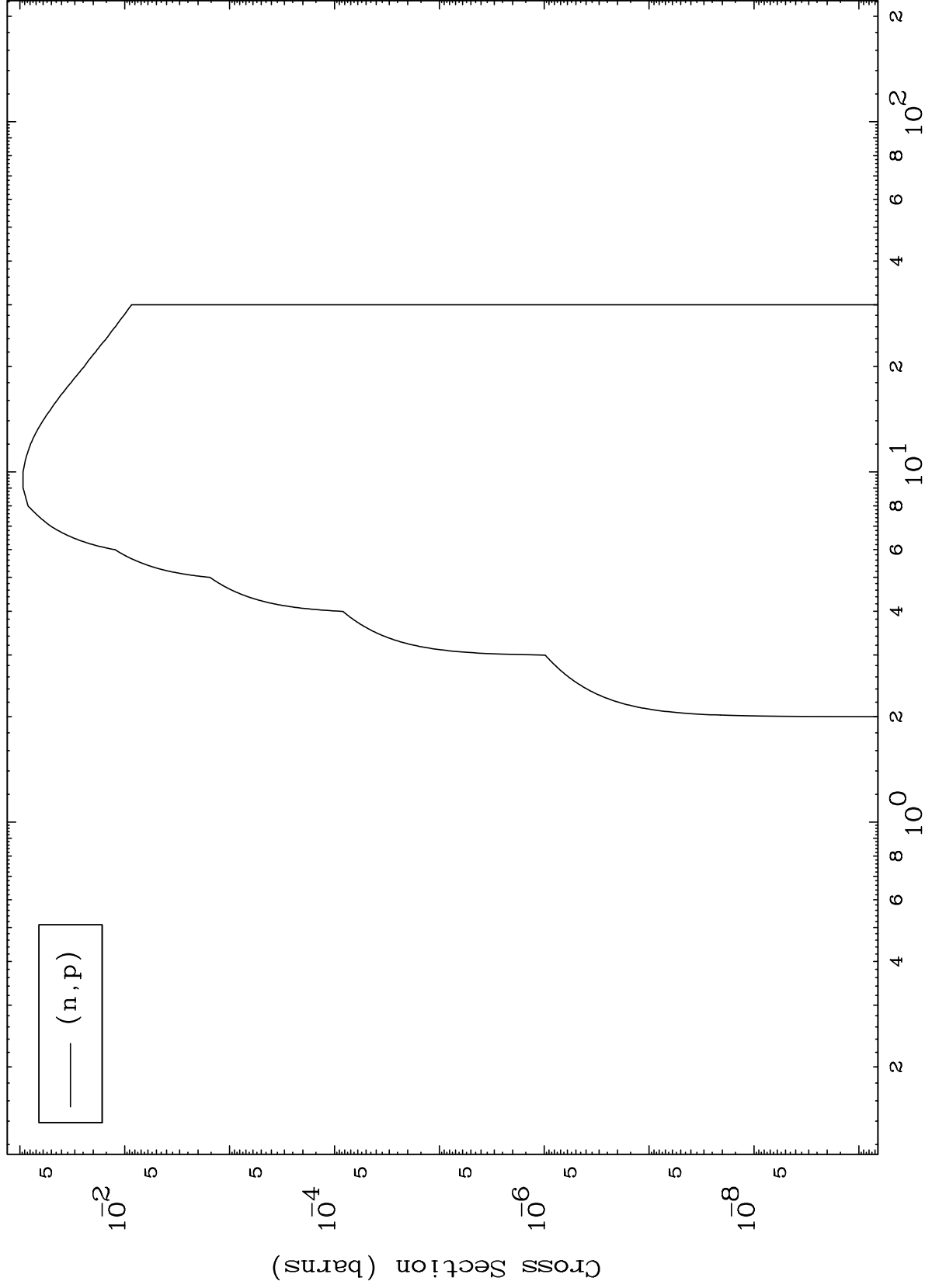


MAT 5840

(d,p) Levels

58-Ce-141

0 Kelvin Cross Sections



7

Incident Energy (MeV)

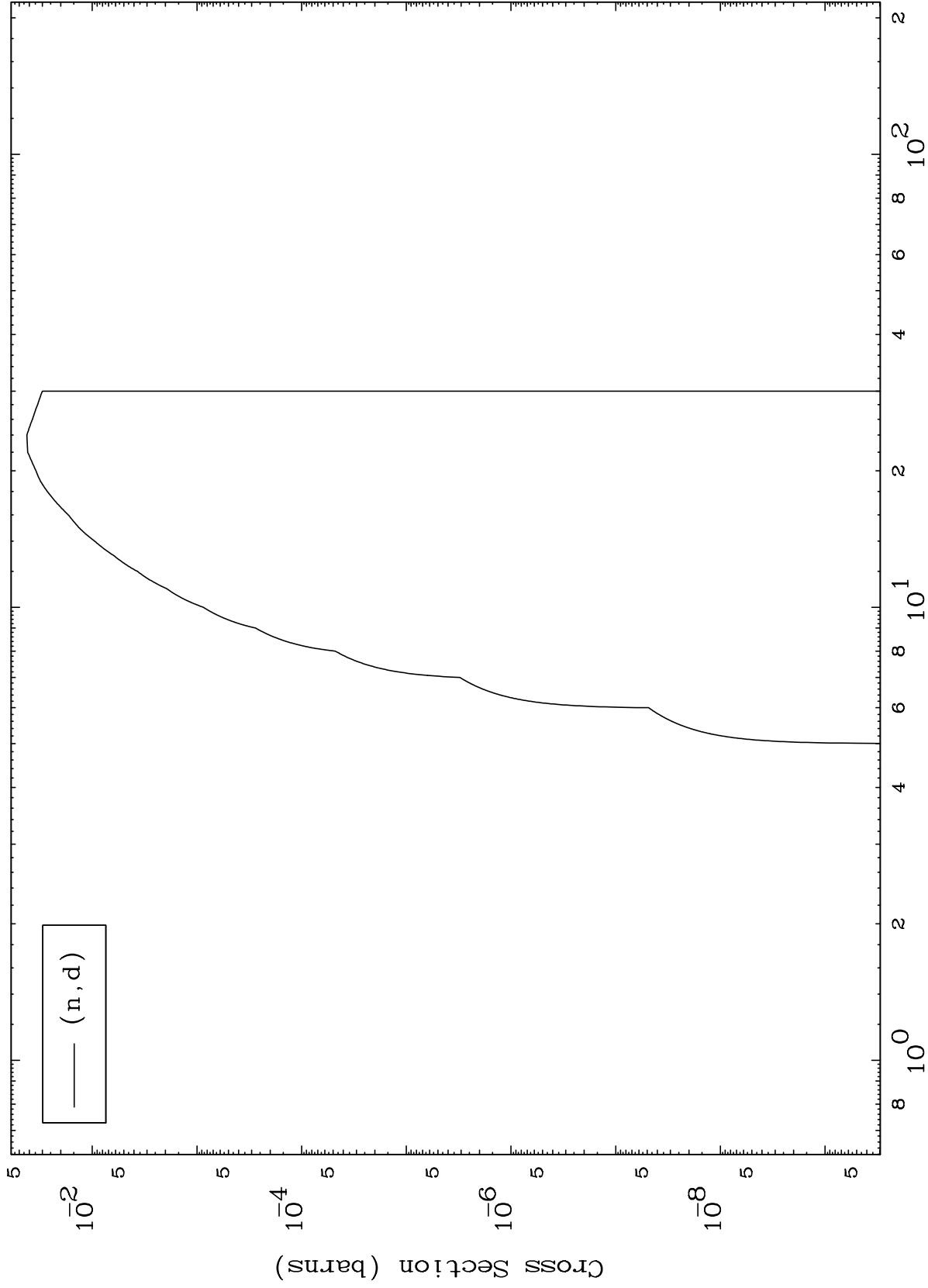
58-Ce-141

MAT 5840

(d,d) Levels

58-Ce-141

0 Kelvin Cross Sections



8

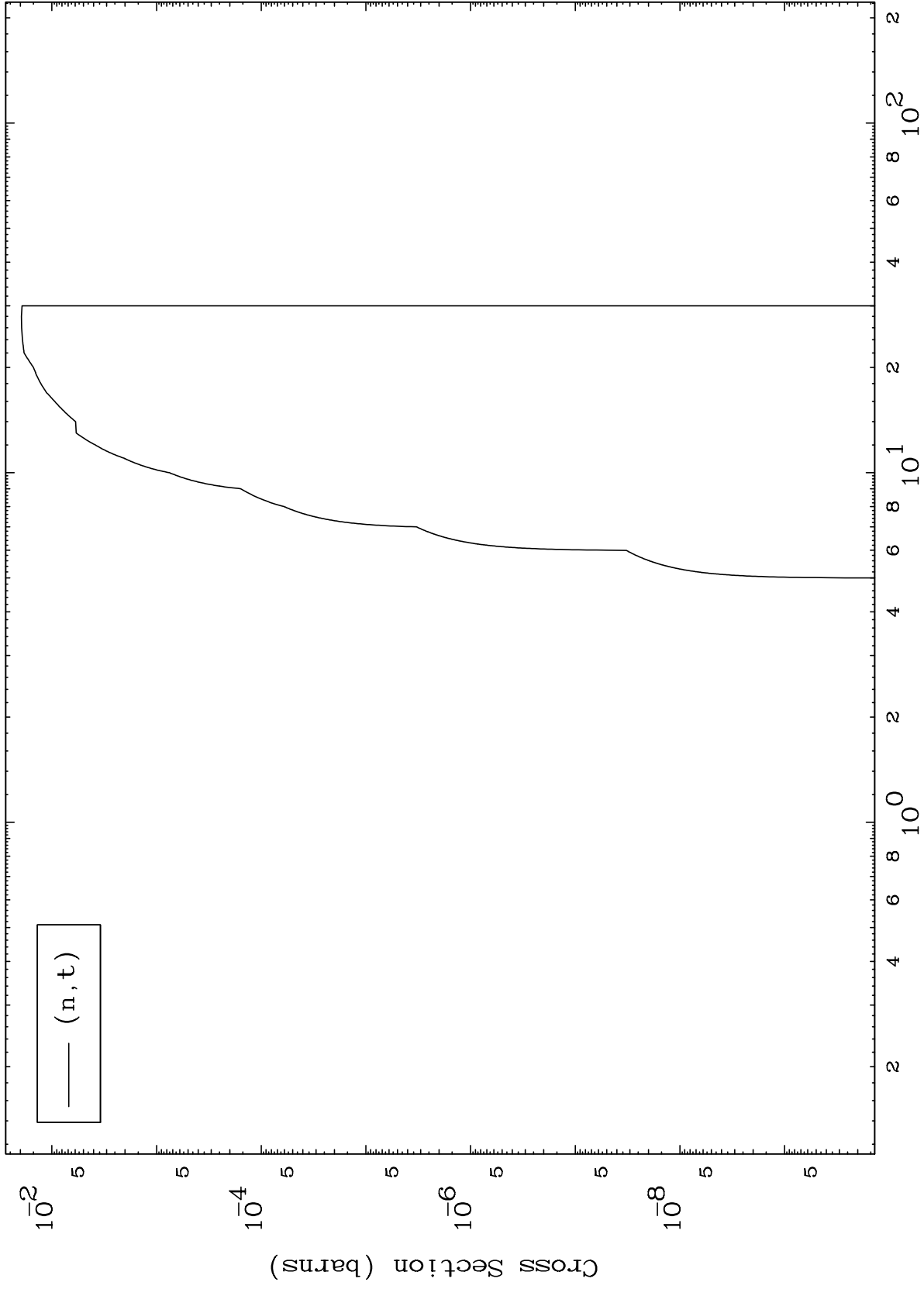
Incident Energy (MeV)

58-Ce-141

MAT 5840

58-Ce-141

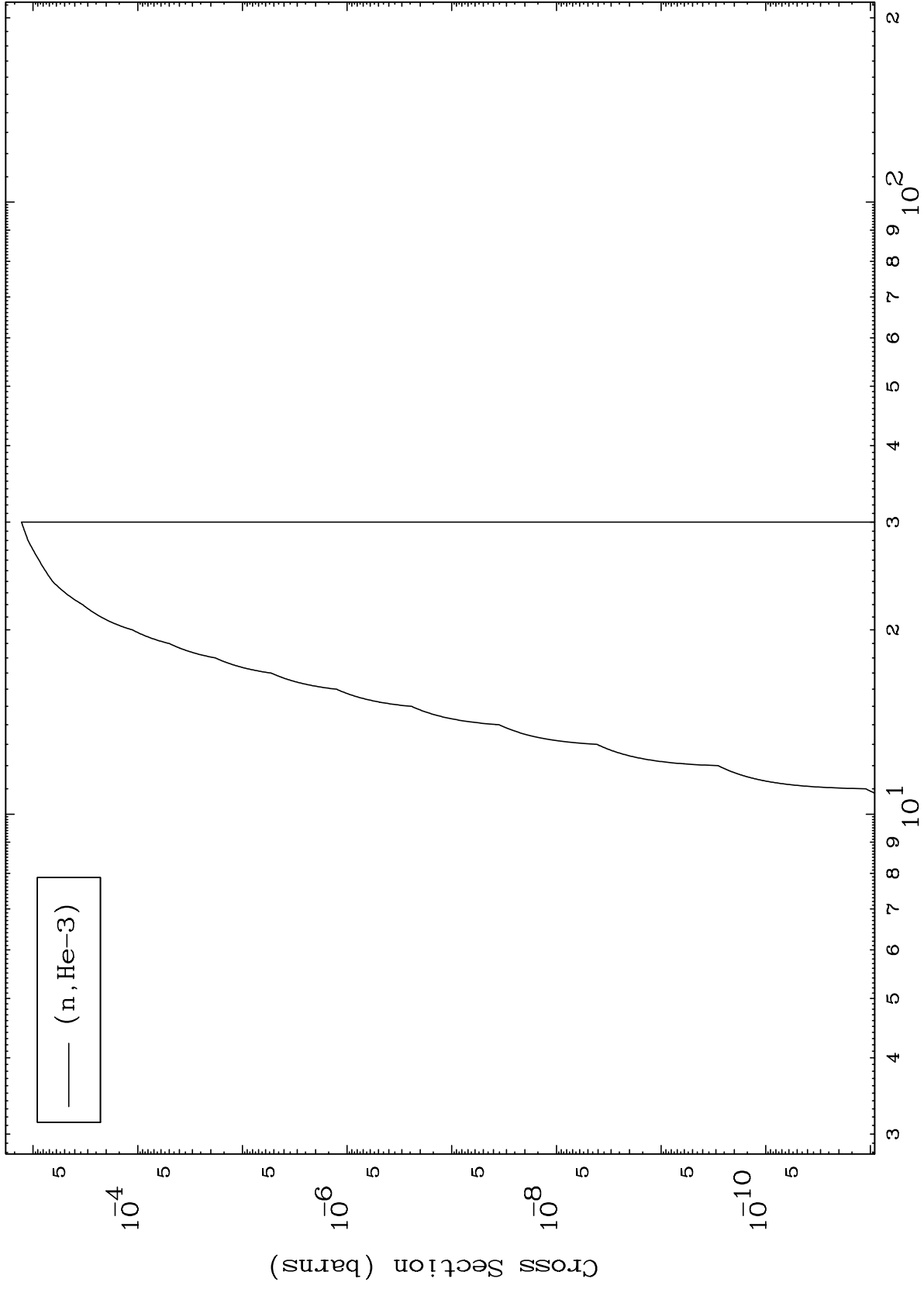
(d,t) Levels
0 Kelvin Cross Sections



MAT 5840

58-Ce-141

(d,He3) Levels
0 Kelvin Cross Sections



58-Ce-141

Incident Energy (MeV)

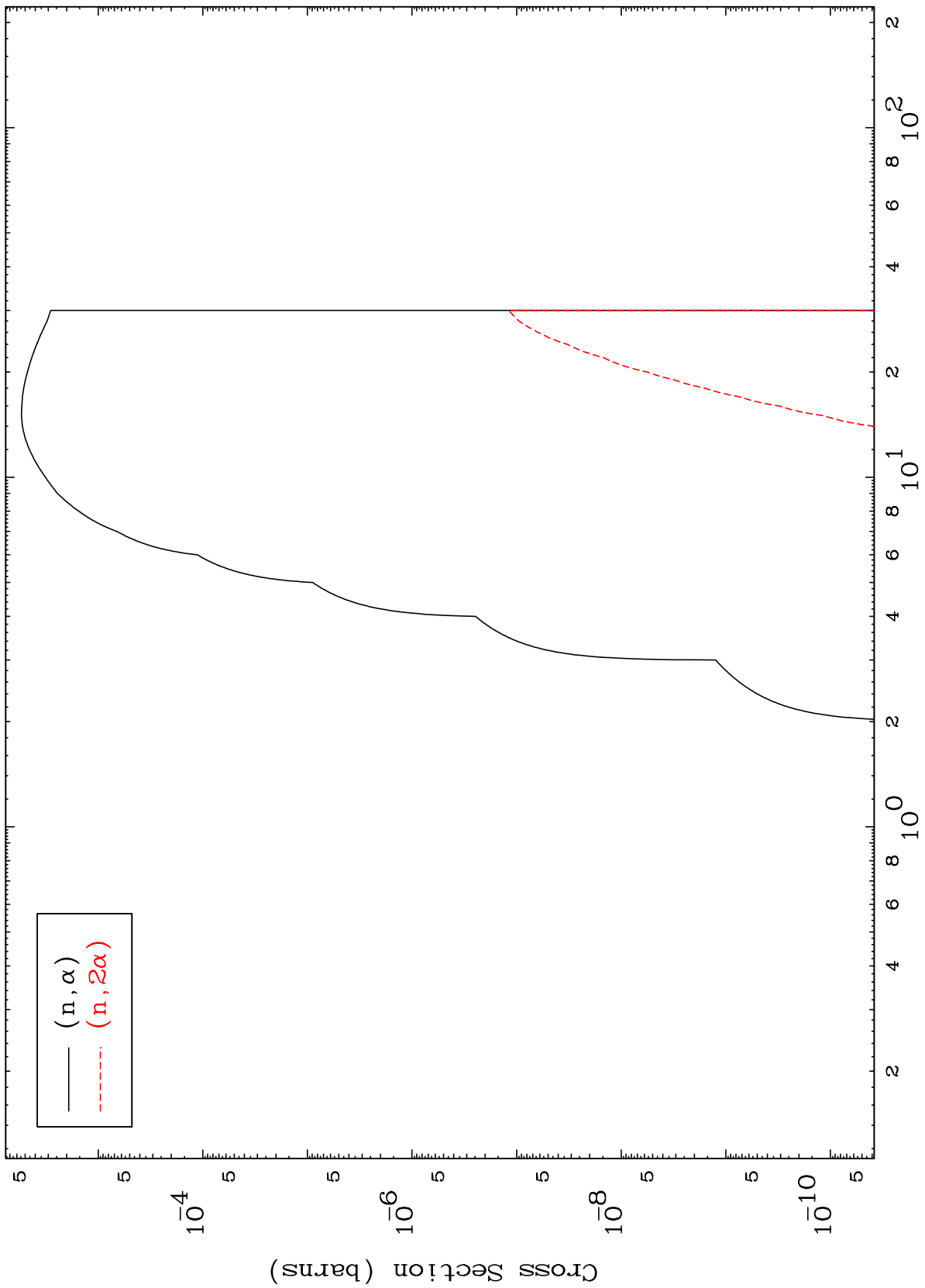
10

MAT 5840

(d, α) Levels

58-Ce-141

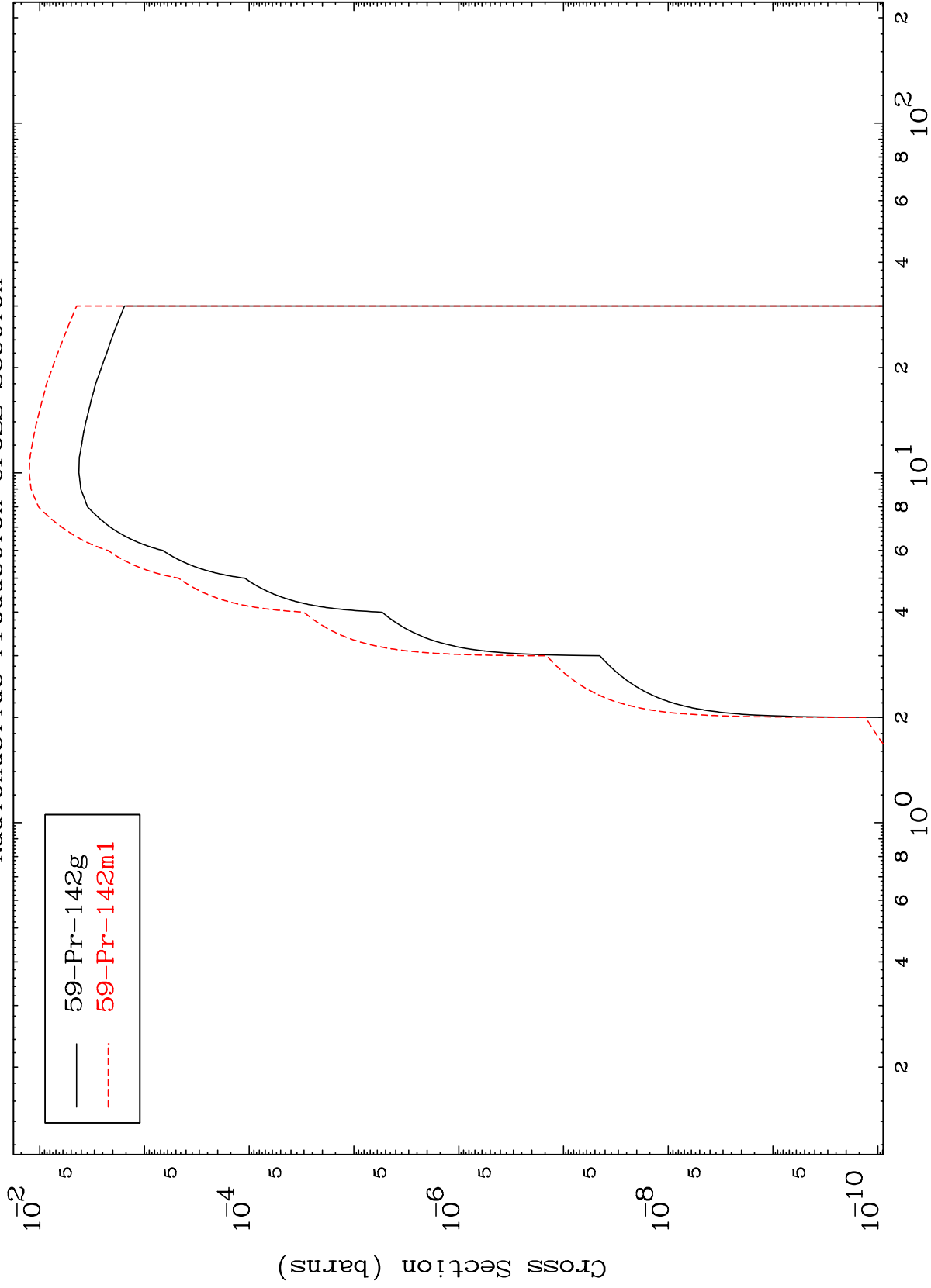
0 Kelvin Cross Sections



MAT 5840

58-Ce-141

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

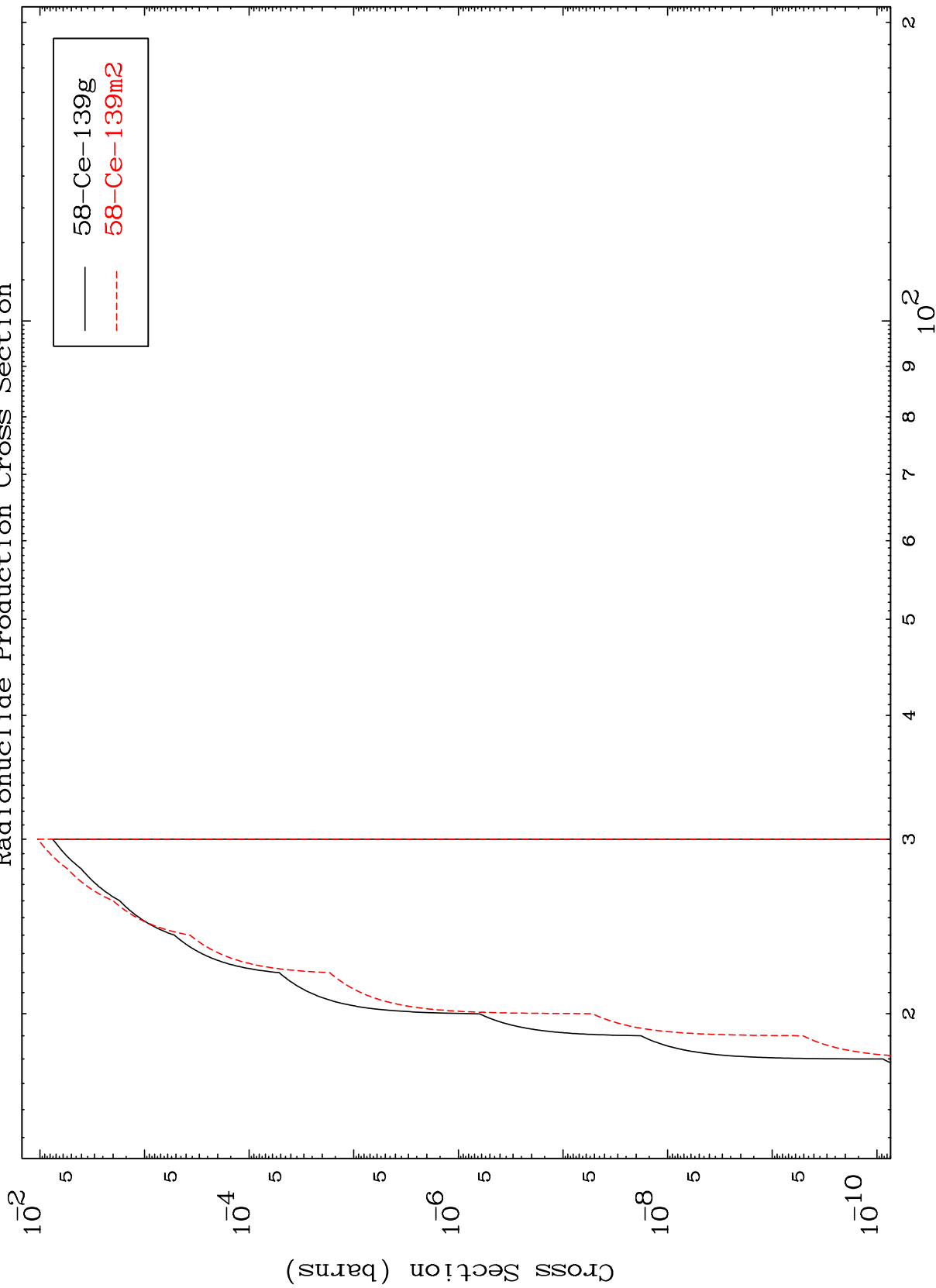
58-Ce-141

MAT 5840

(n,2n) d

58-Ce-141

Radionuclide Production Cross Section



13

Incident Energy (MeV)

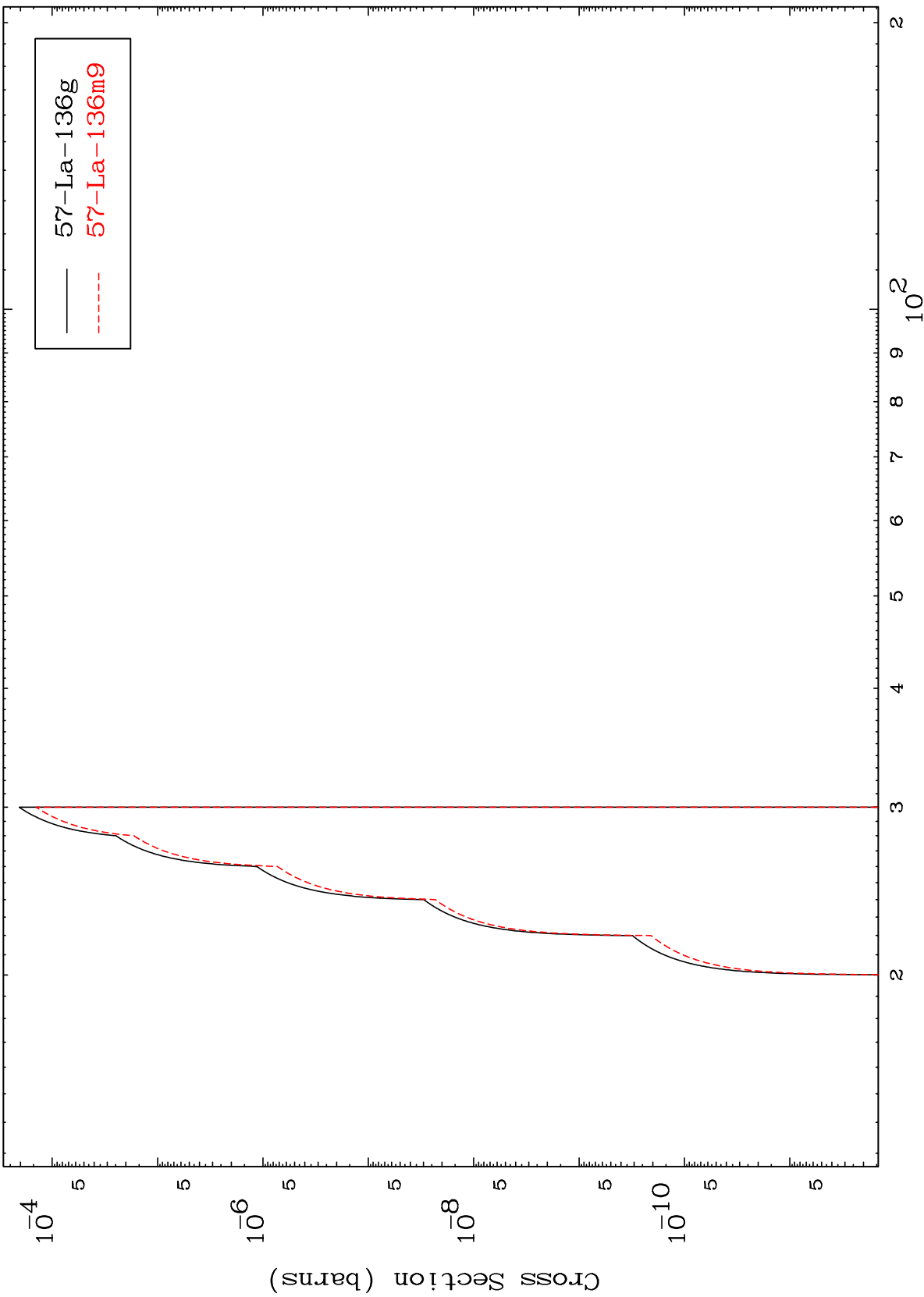
58-Ce-141

MAT 5840

(n,3n) α

58-Ce-141

Radionuclide Production Cross Section



14

Incident Energy (MeV)

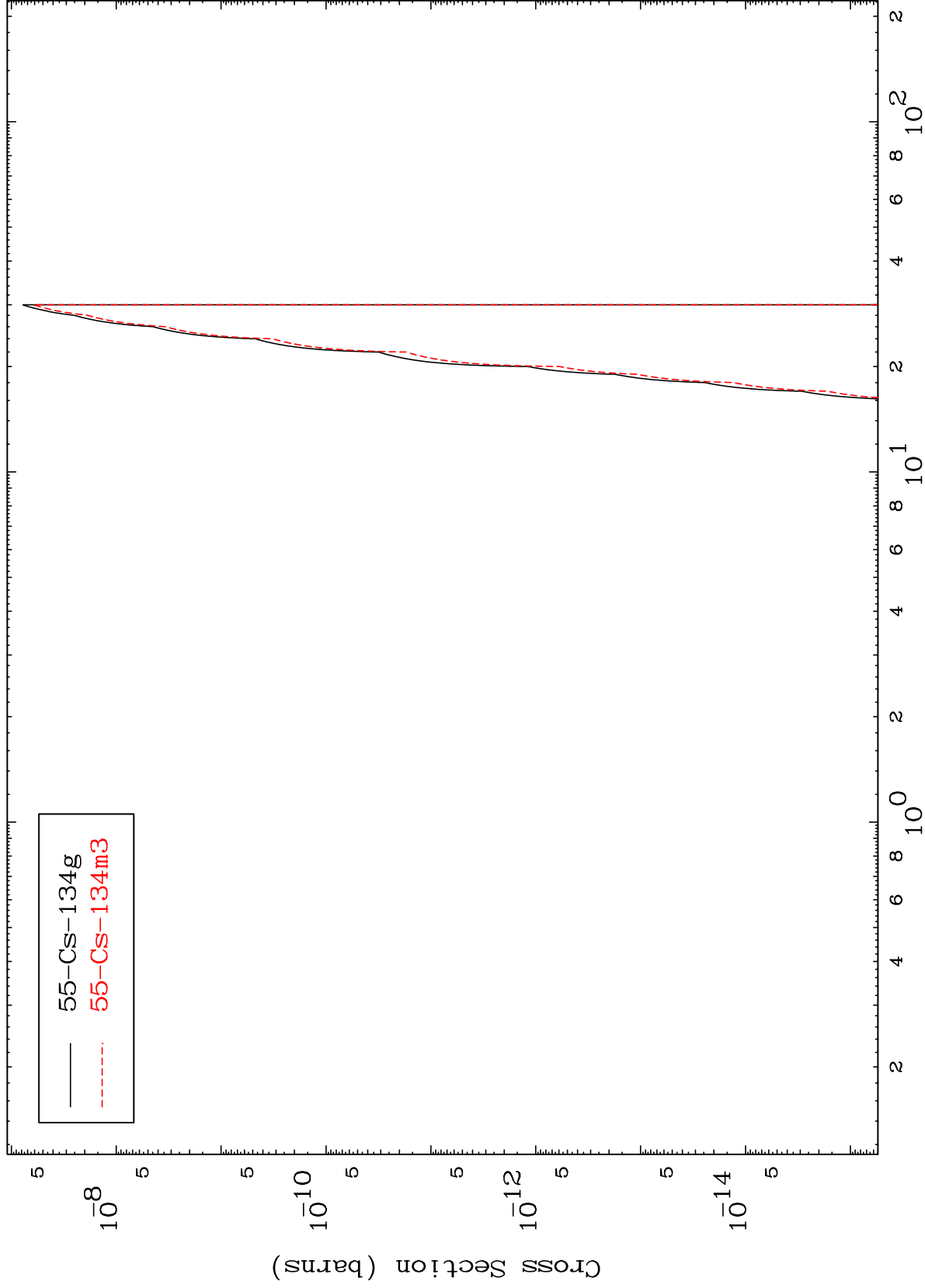
58-Ce-141

MAT 5840

(n,n') 2α

58-Ce-141

Radionuclide Production Cross Section



15

Incident Energy (MeV)

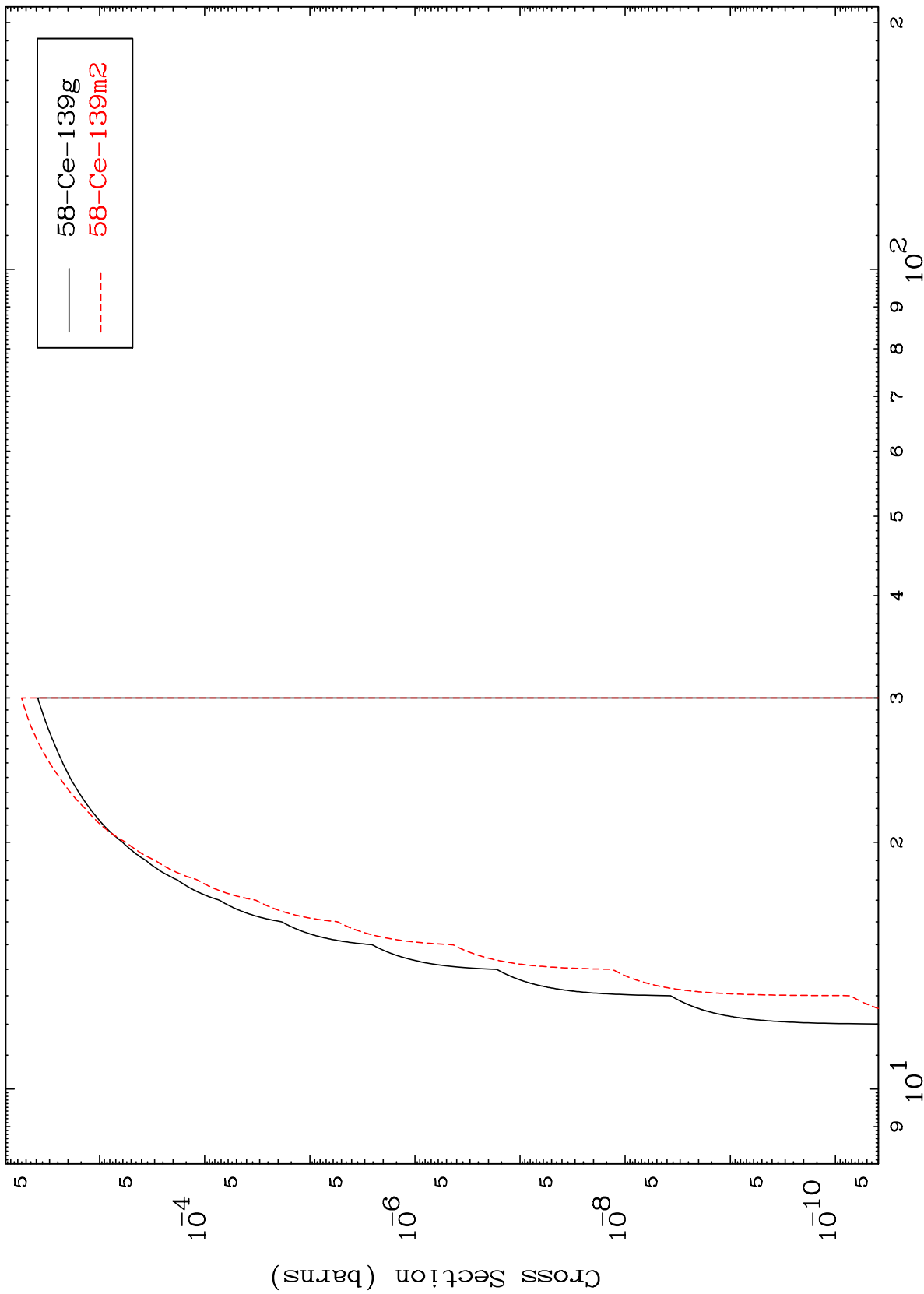
58-Ce-141

MAT 5840

(n,n') t

58-Ce-141

Radionuclide Production Cross Section



16

Incident Energy (MeV)

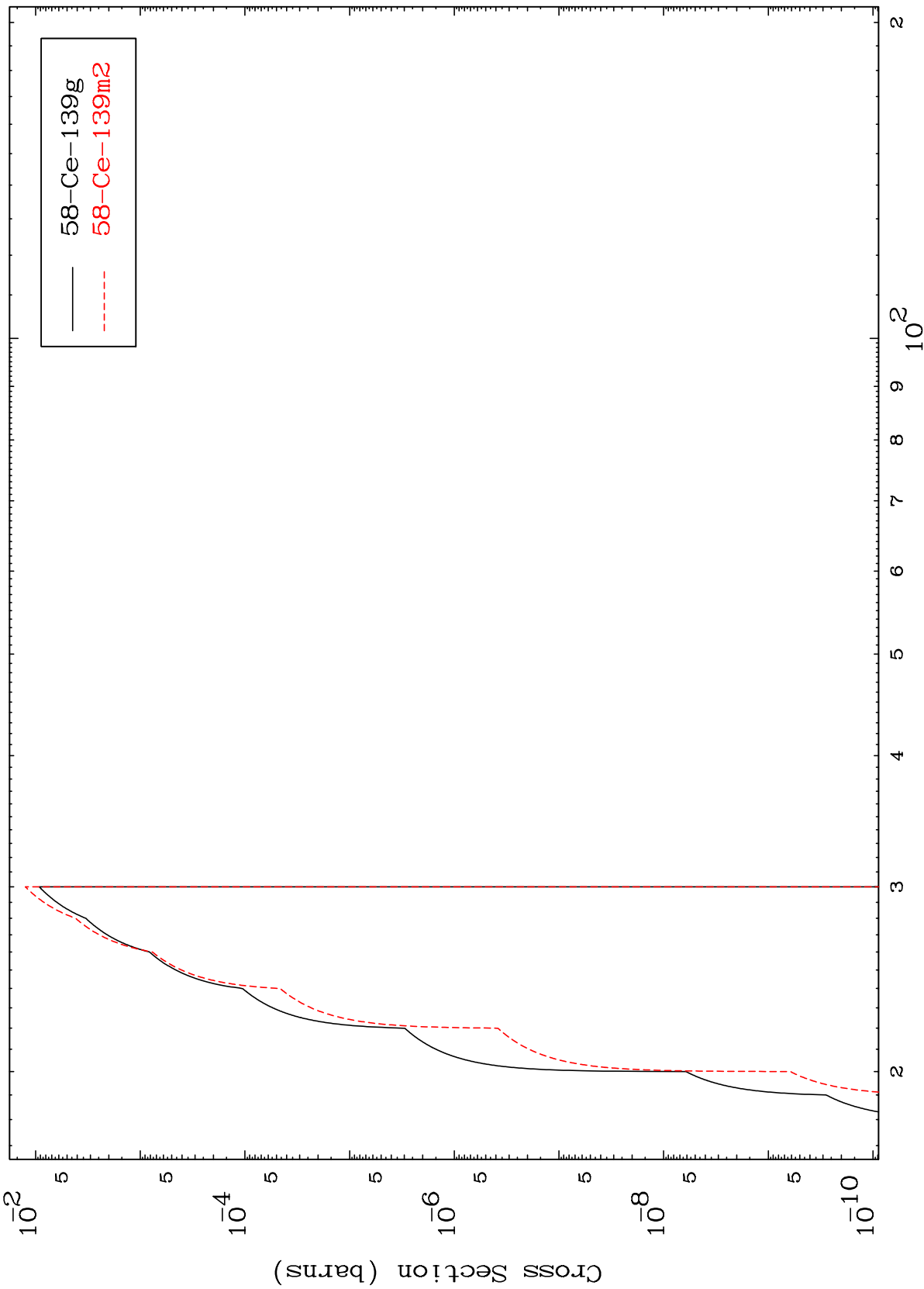
58-Ce-141

MAT 5840

(n,3n) p

58-Ce-141

Radionuclide Production Cross Section



17

Incident Energy (MeV)

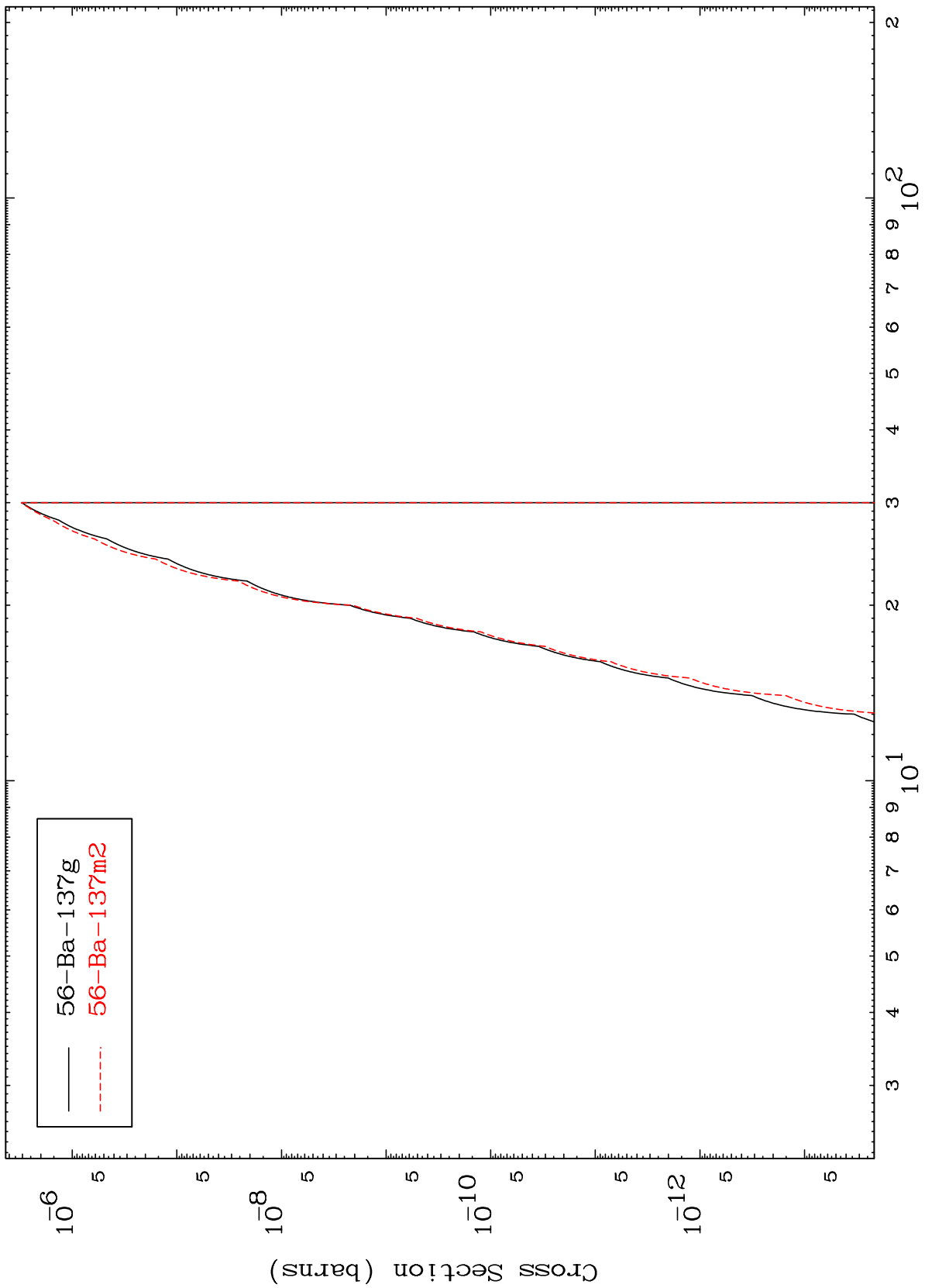
58-Ce-141

MAT 5840

(n,n') p α

58-Ce-141

Radionuclide Production Cross Section

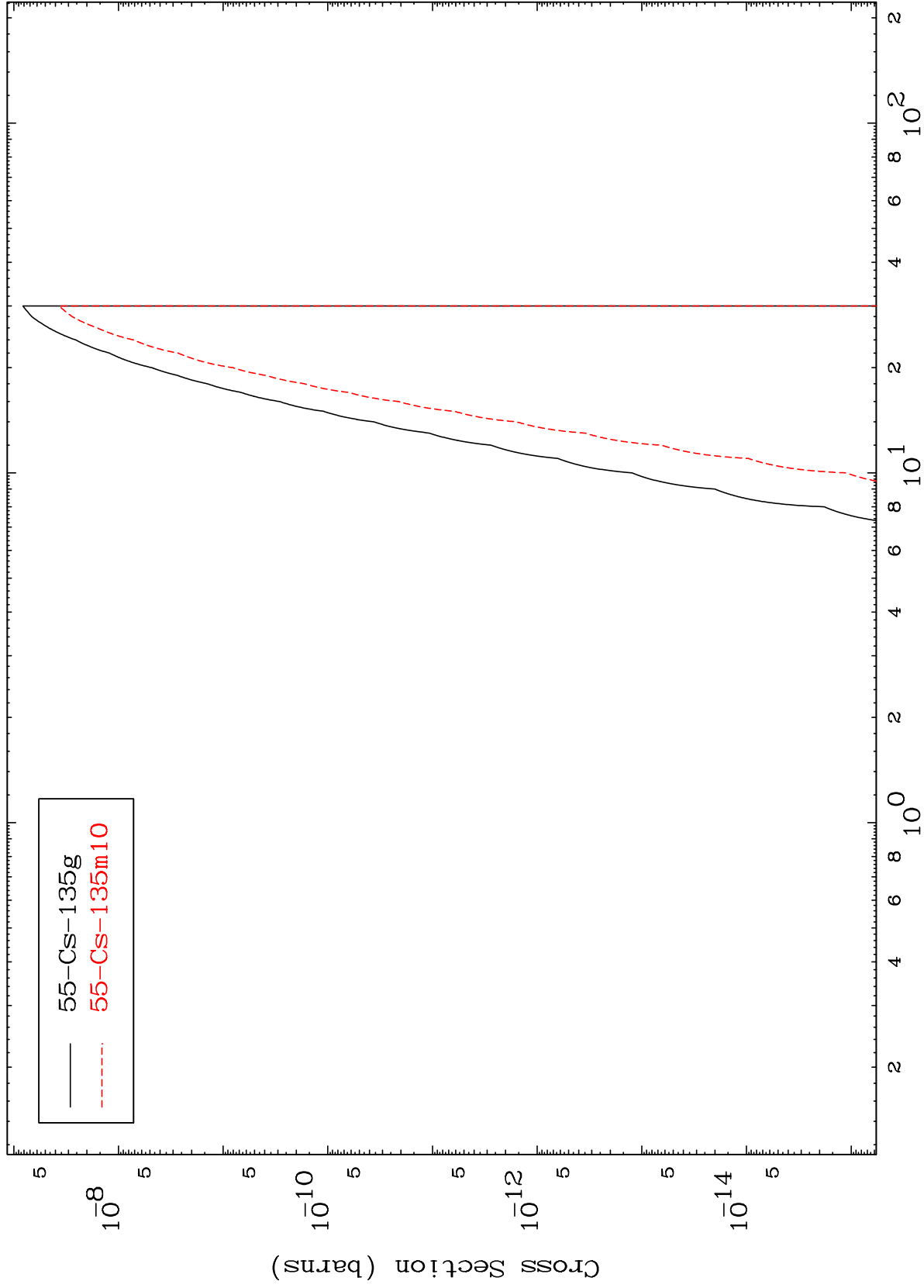


— 56-Ba-137g
- - - 56-Ba-137m2

MAT 5840

58-Ce-141

Radionuclide Production Cross Section
(n,2 α)



19

58-Ce-141

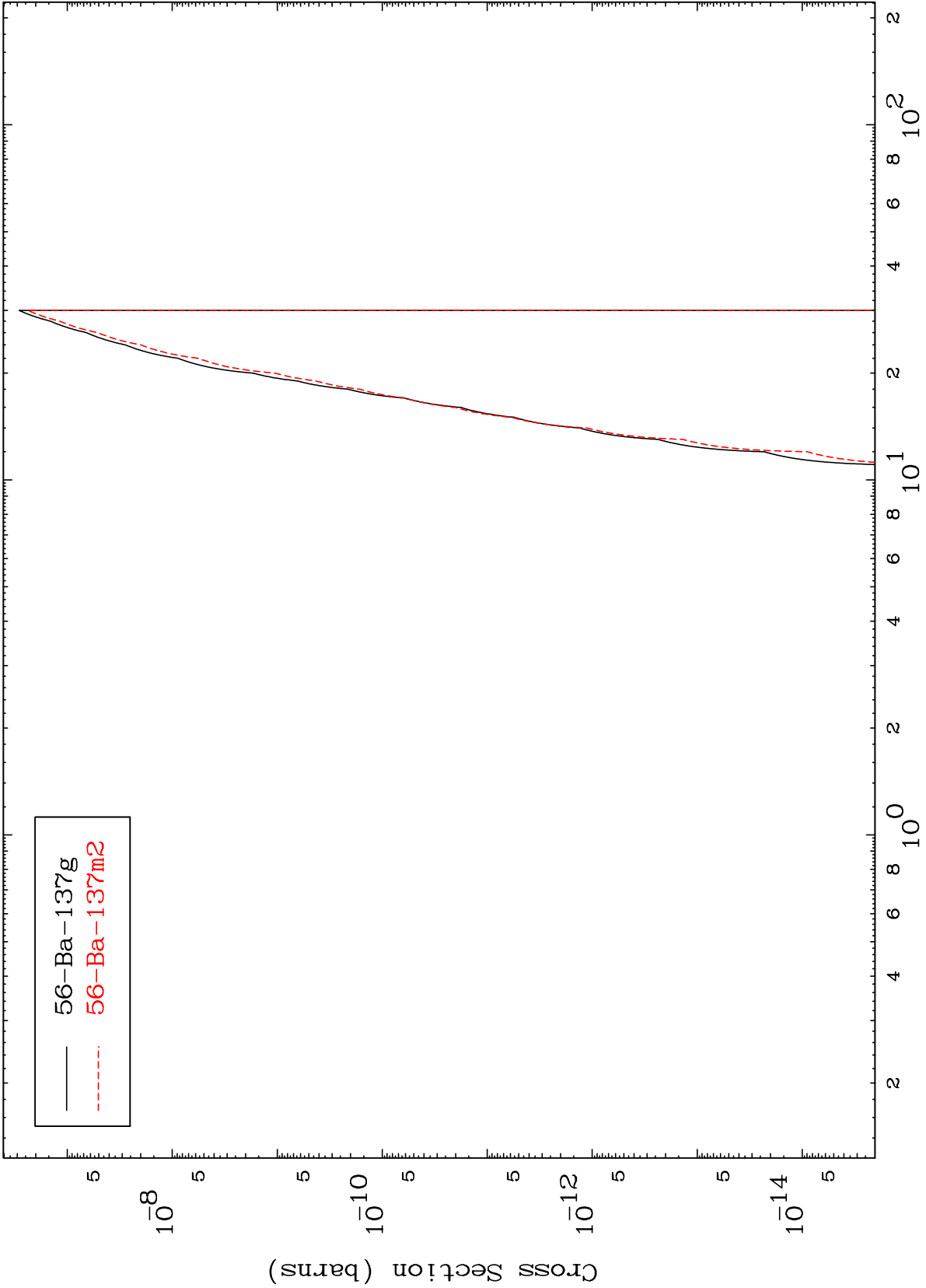
Incident Energy (MeV)

MAT 5840

(n,d) α

58-Ce-141

Radionuclide Production Cross Section



20

Incident Energy (MeV)

58-Ce-141