

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

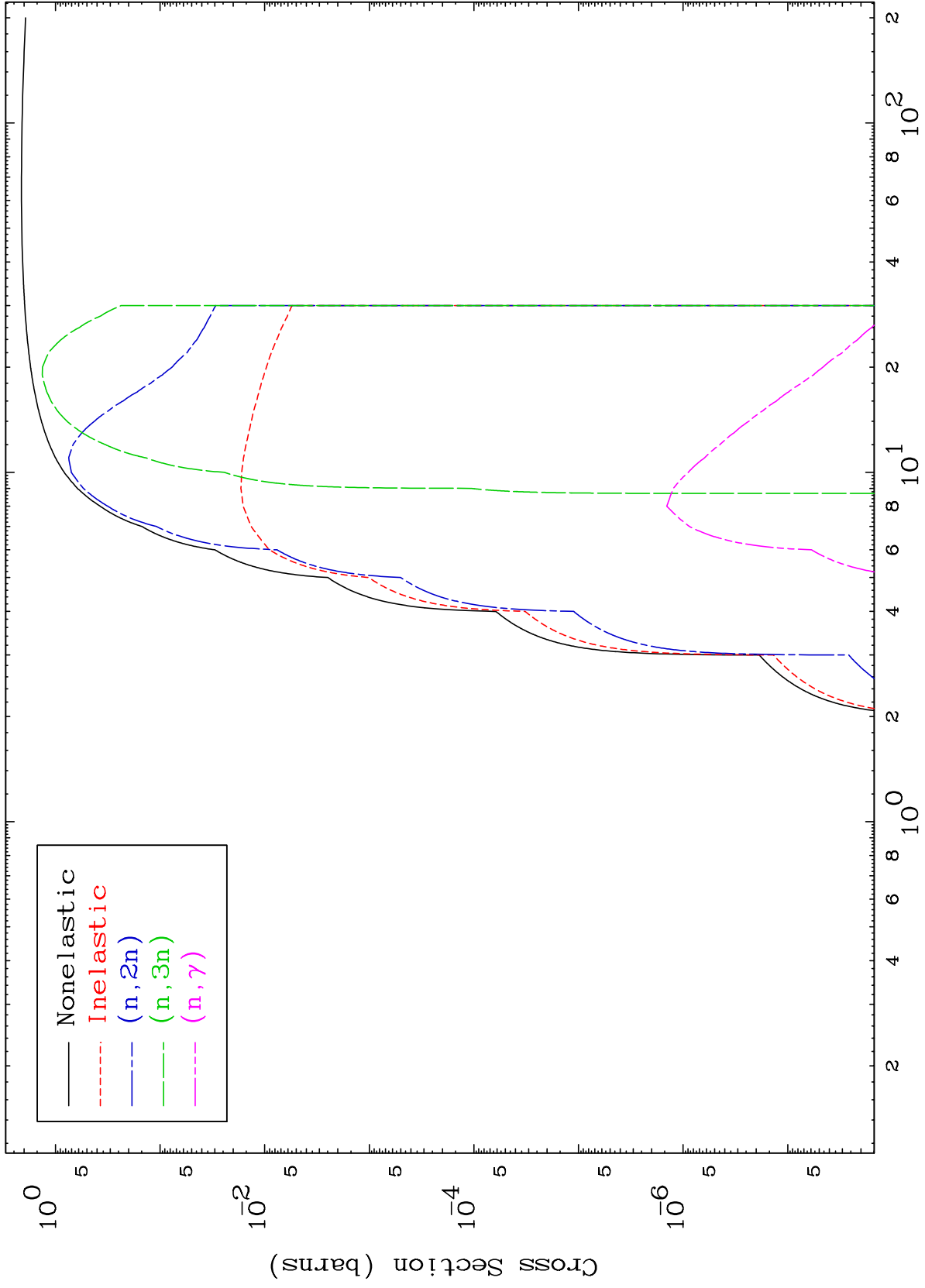
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Livermore, CA 94550
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Tele: 925-443-1911

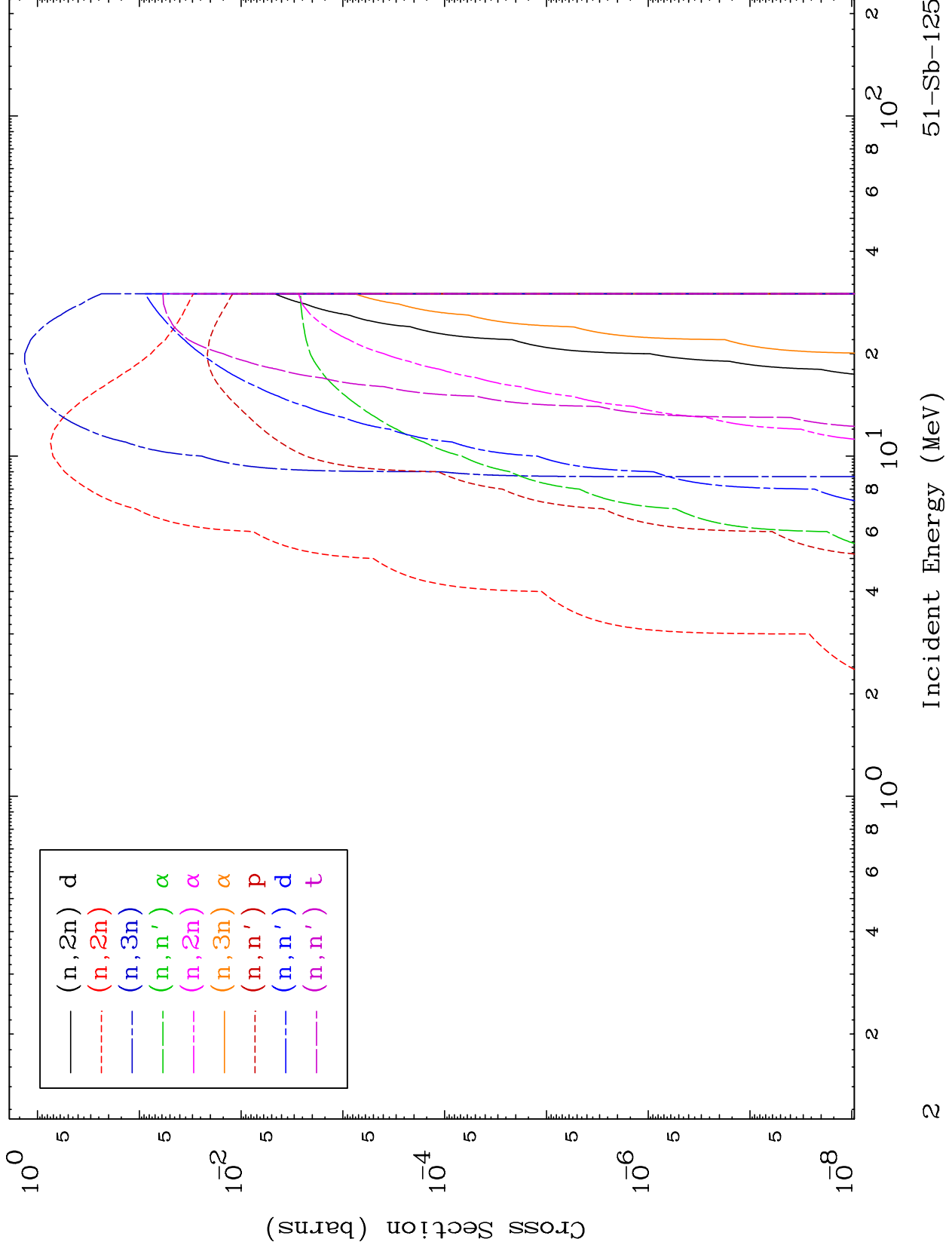
E.Mail:redcullen1@comcast.net

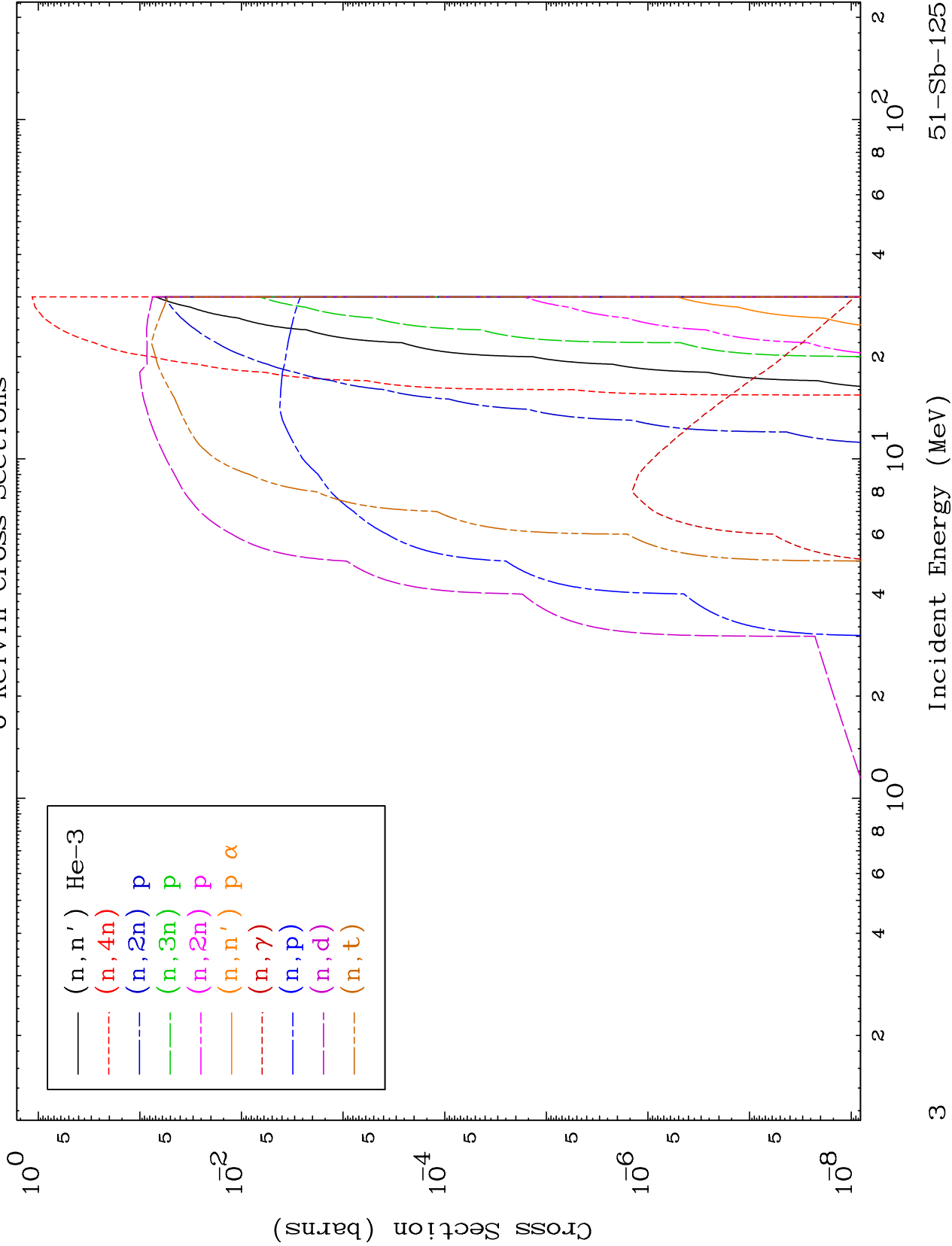
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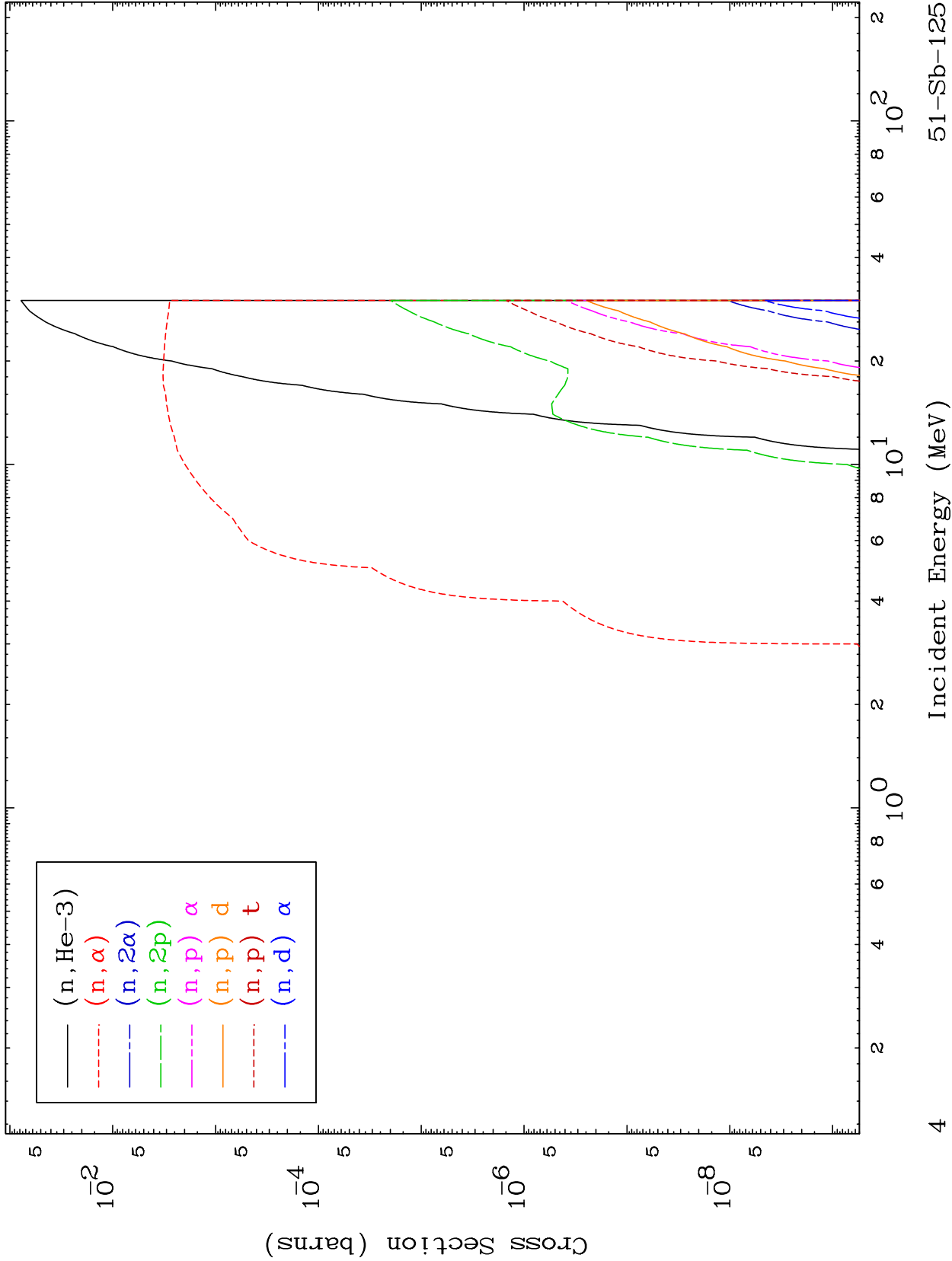
Press Mouse Button to Start

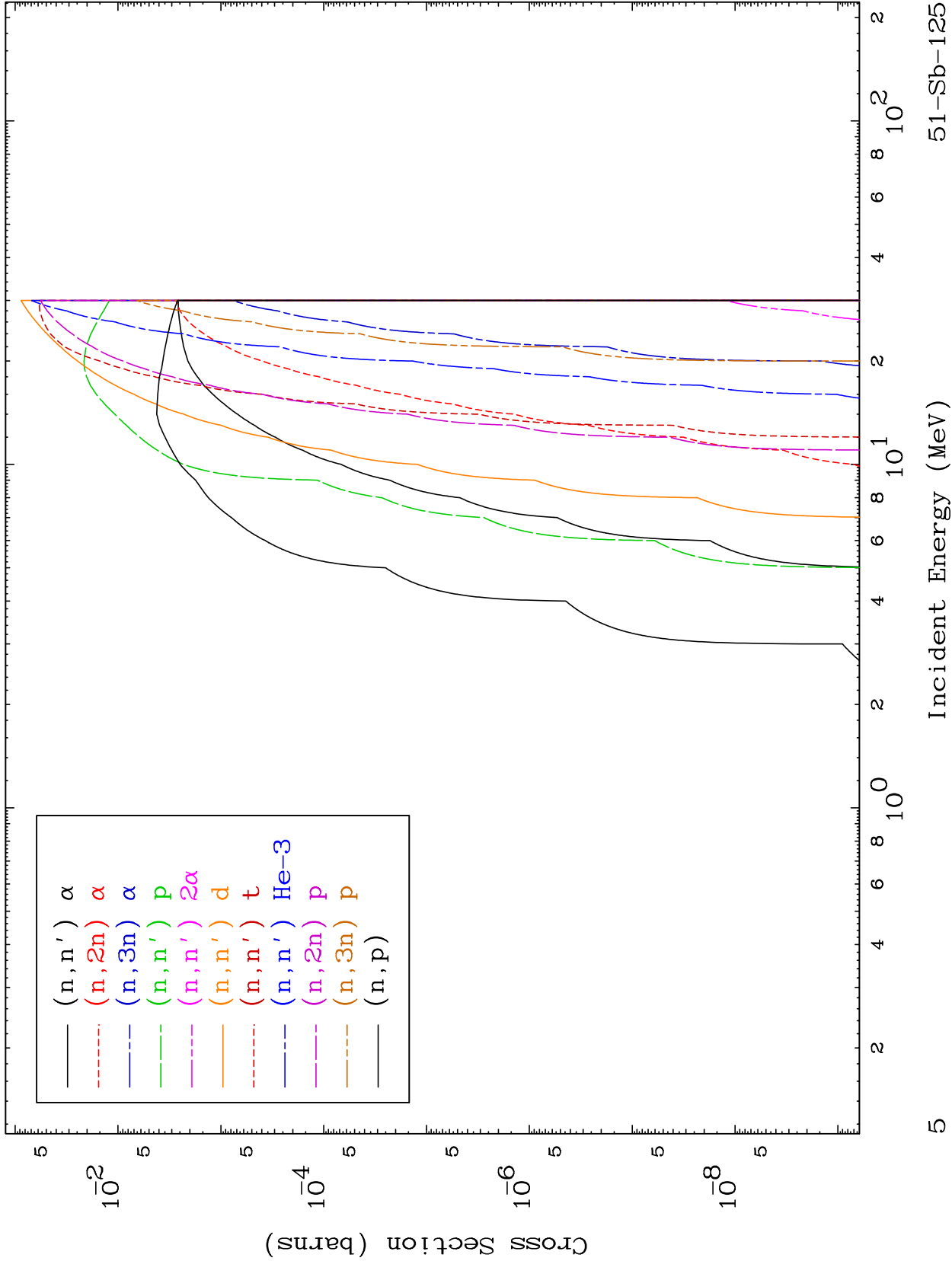


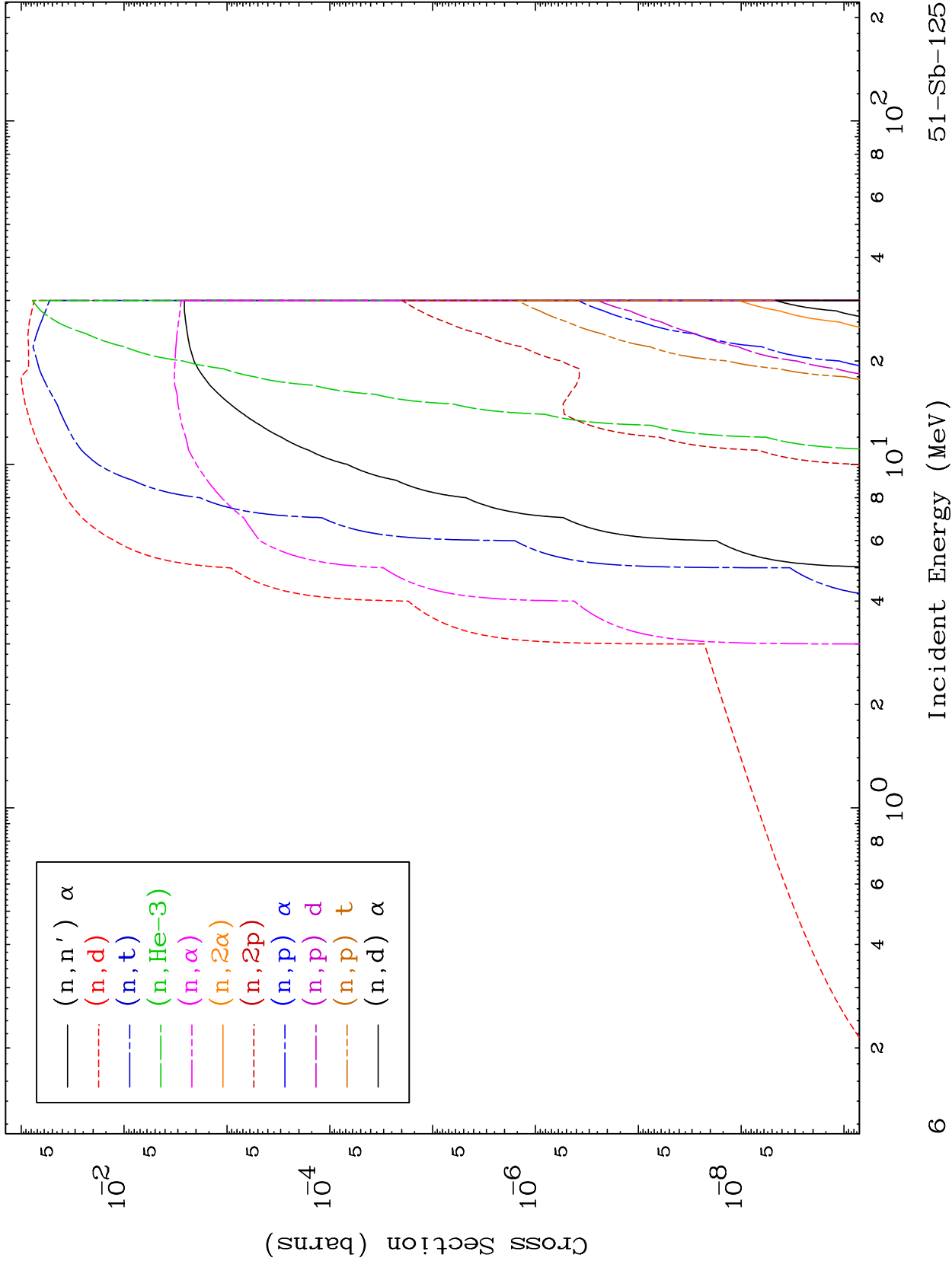
Triton Neutron Absorption
0 Kelvin Cross Sections









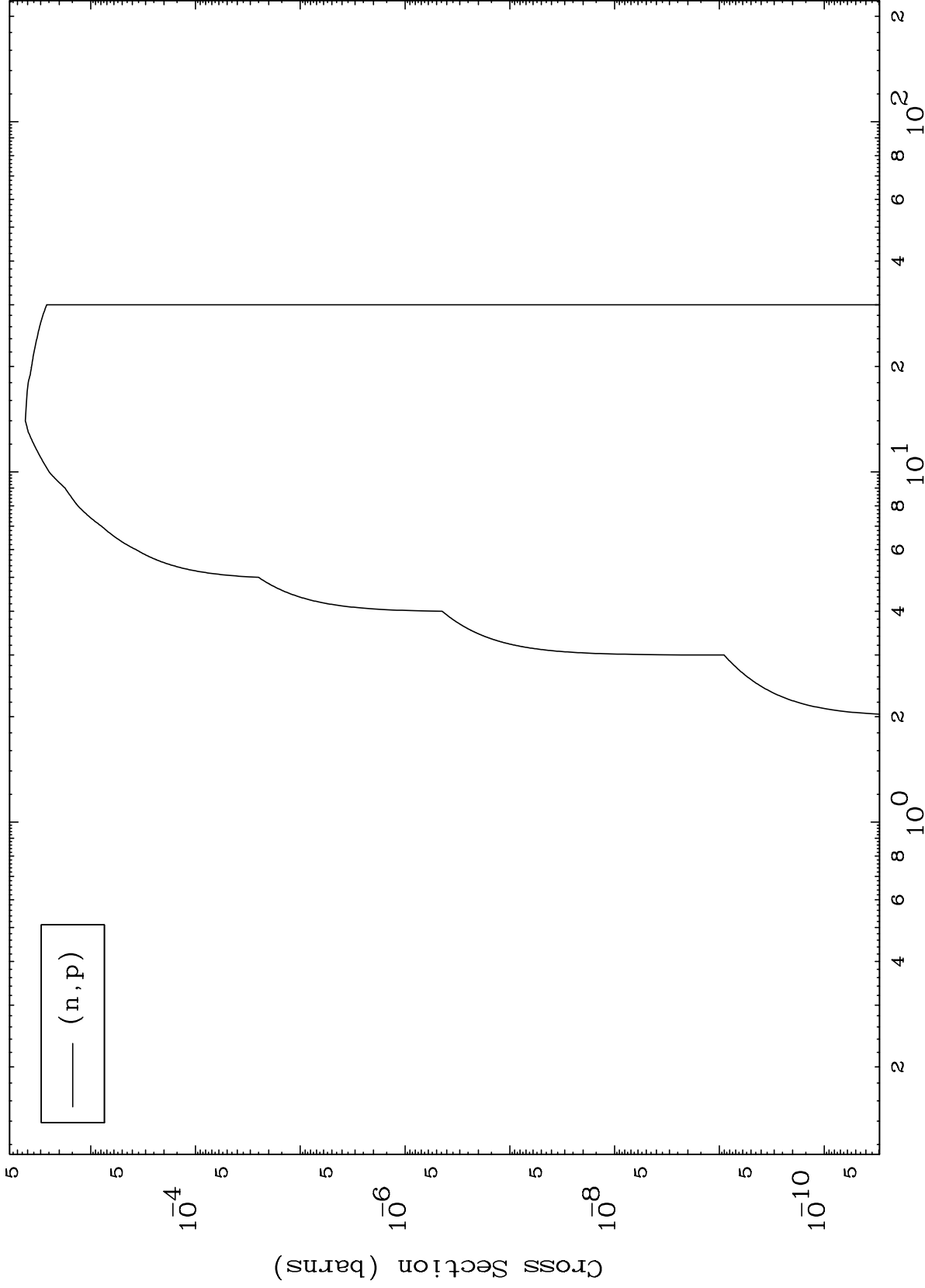


MAT 5137

(t,p) Levels

51-Sb-125

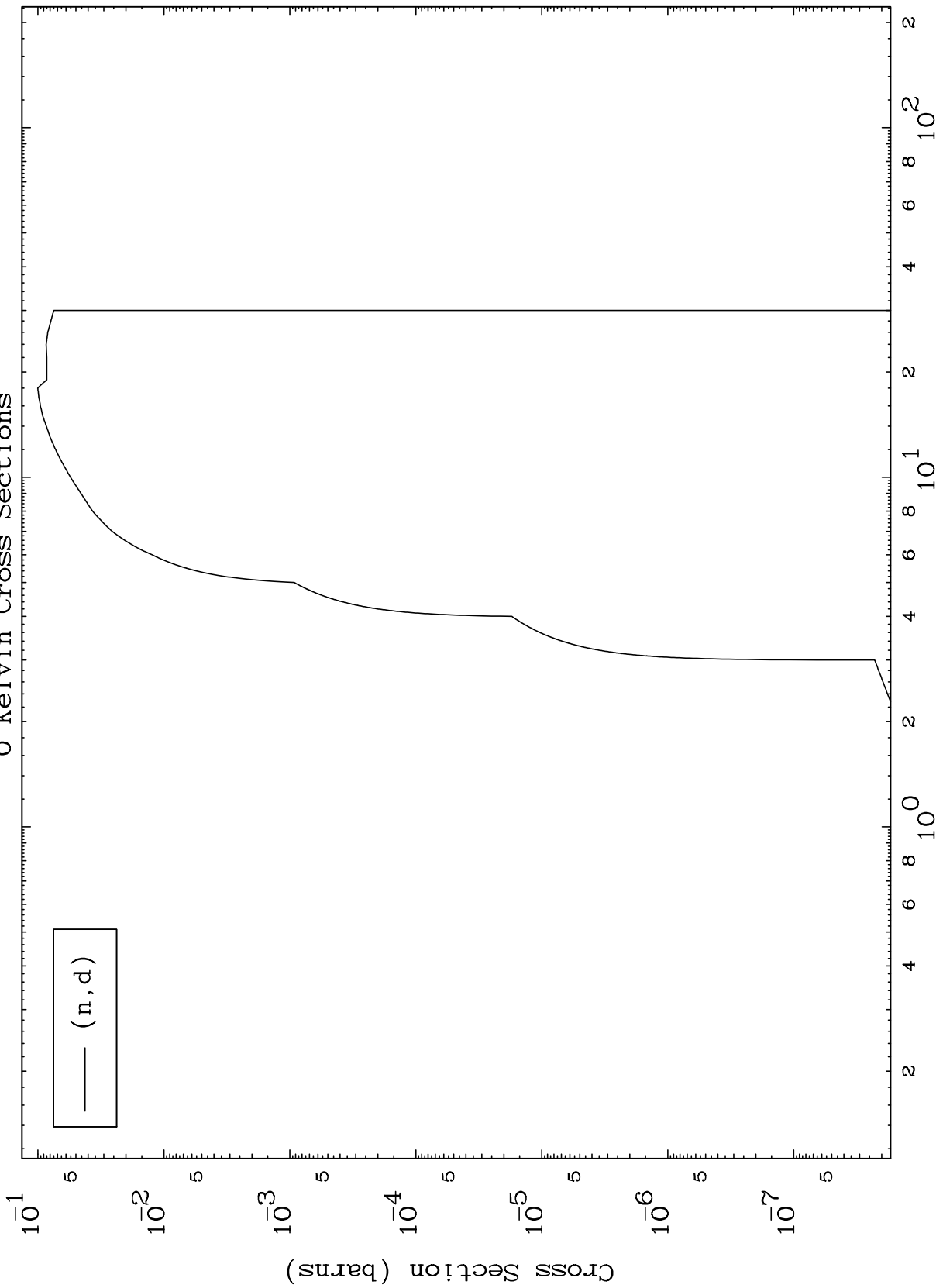
0 Kelvin Cross Sections



MAT 5137

51-Sb-125

(t,d) Levels
0 Kelvin Cross Sections

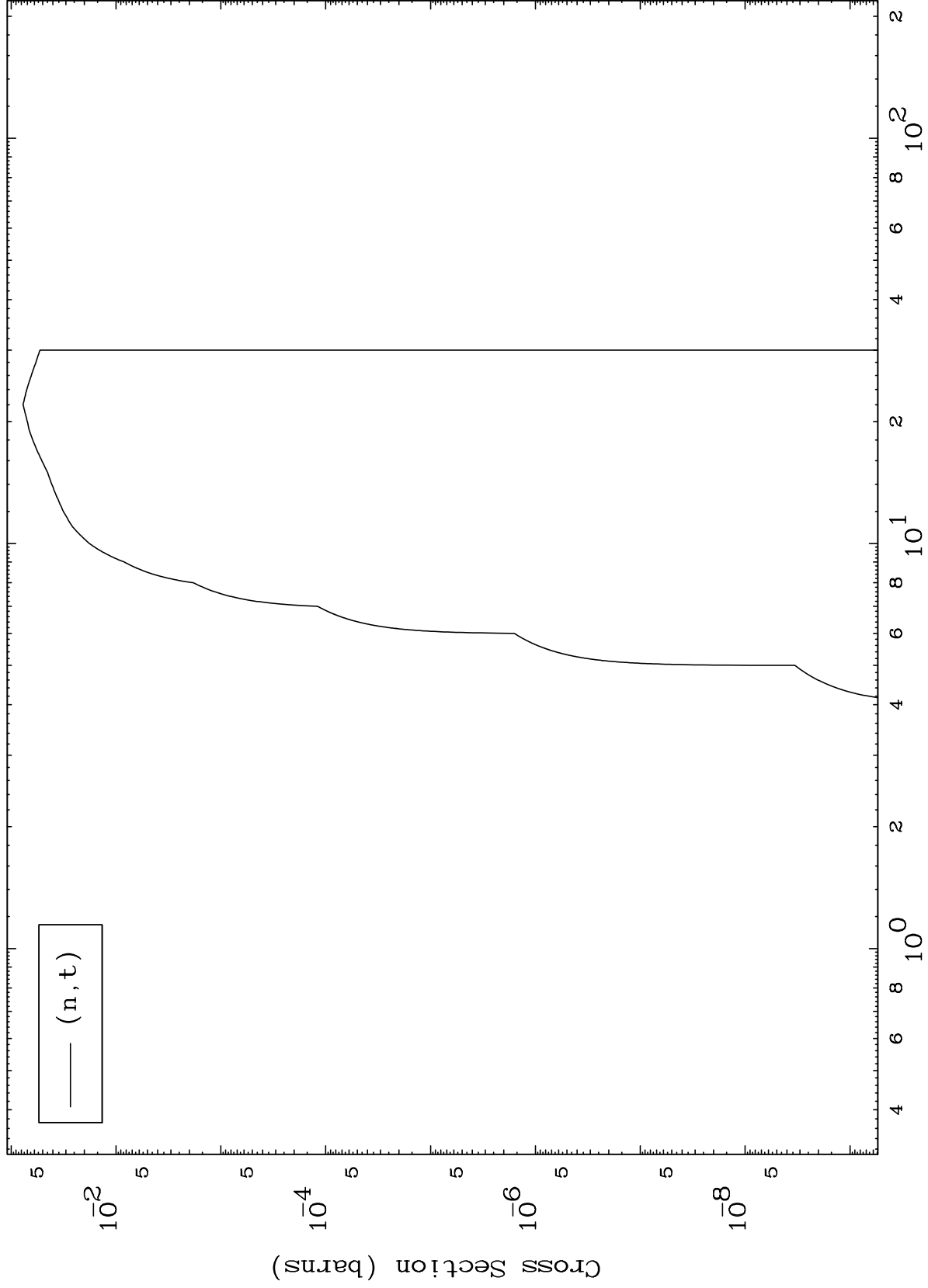


MAT 5137

(t, t) Levels

51-Sb-125

0 Kelvin Cross Sections



9

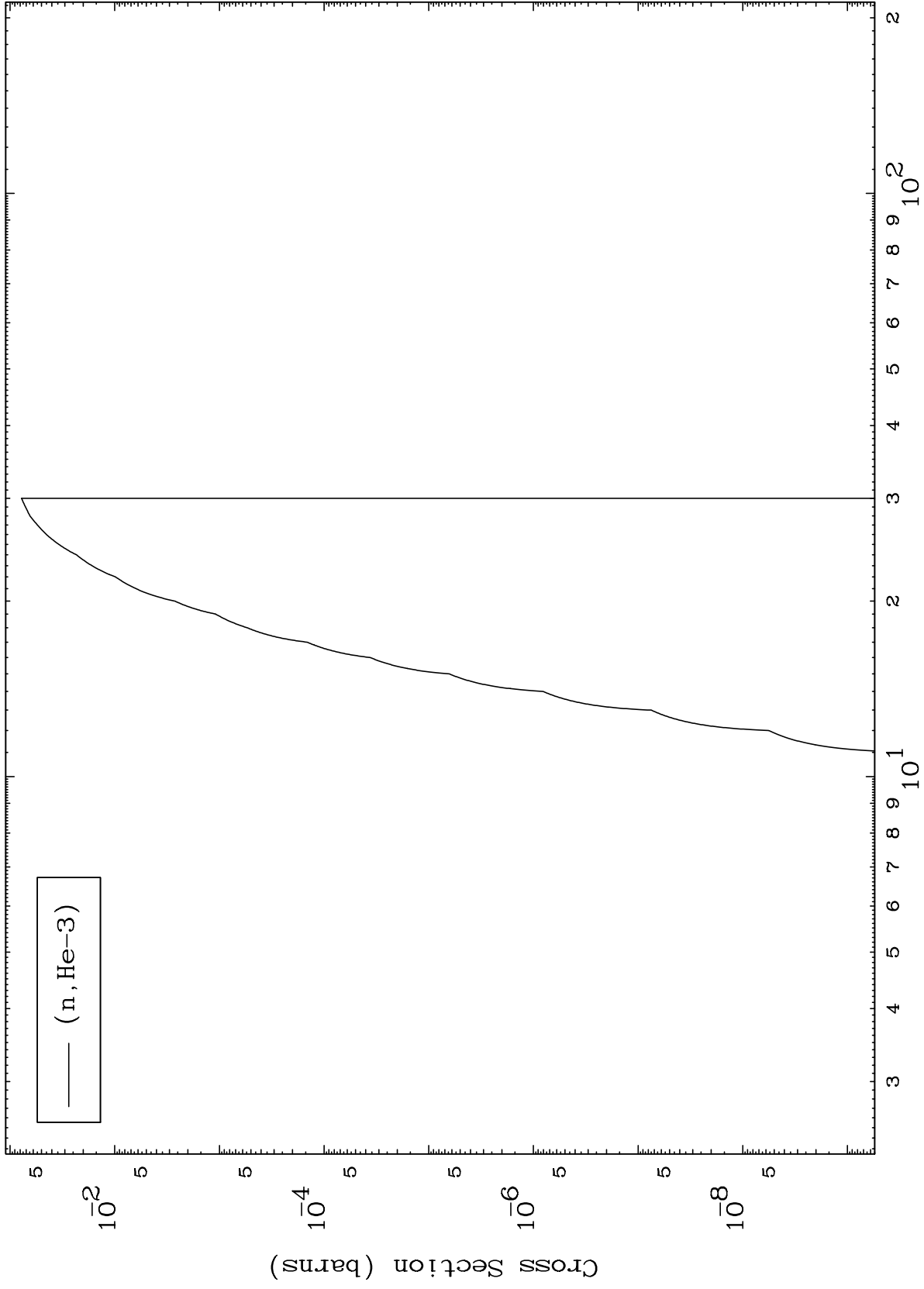
Incident Energy (MeV)

51-Sb-125

MAT 5137

(t,He3) Levels
0 Kelvin Cross Sections

51-Sb-125



10

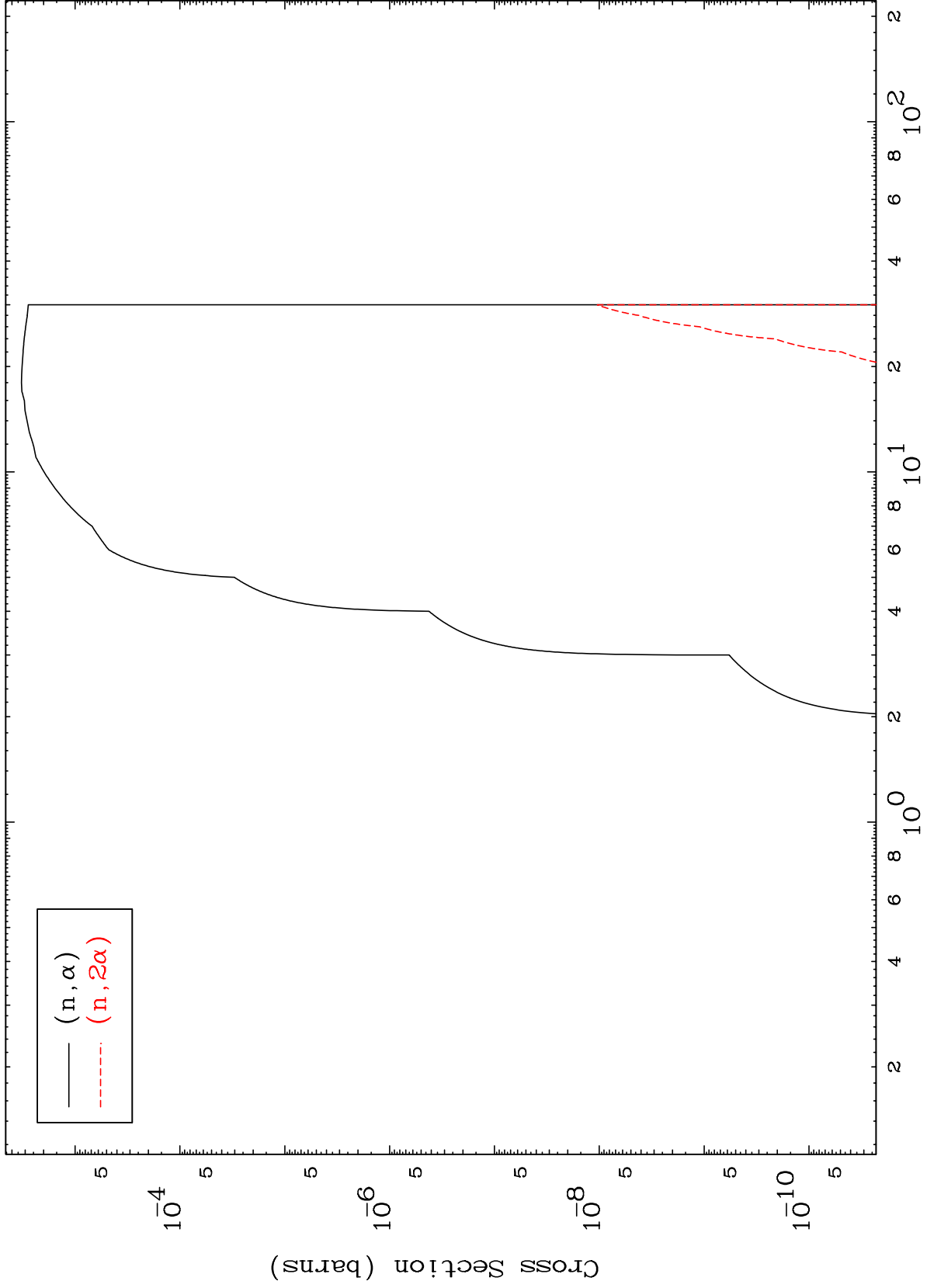
Incident Energy (MeV)

51-Sb-125

MAT 5137

(t, α) Levels
0 Kelvin Cross Sections

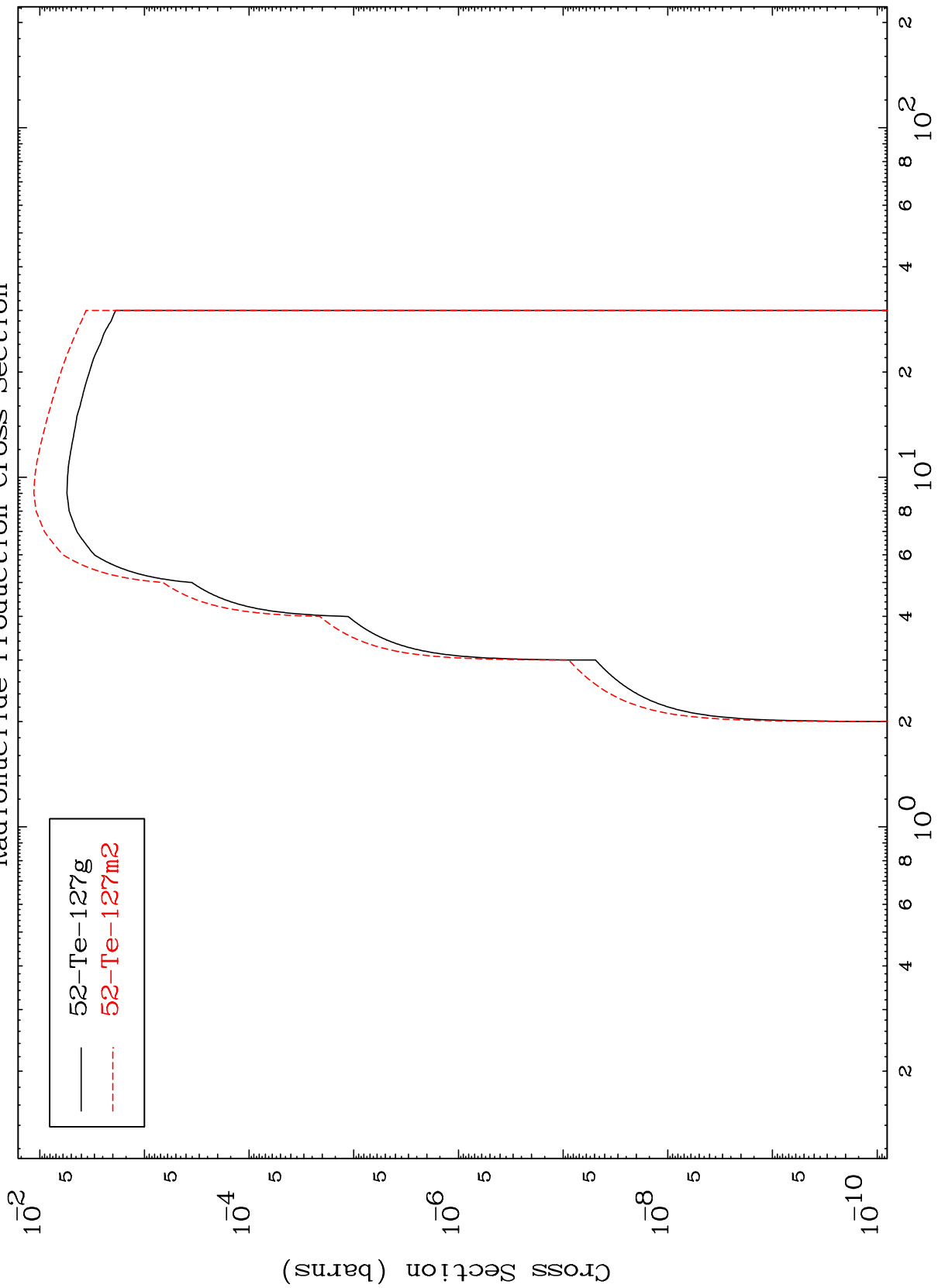
51-Sb-125



MAT 5137

51-Sb-125

Inelastic
Radionuclide Production Cross Section



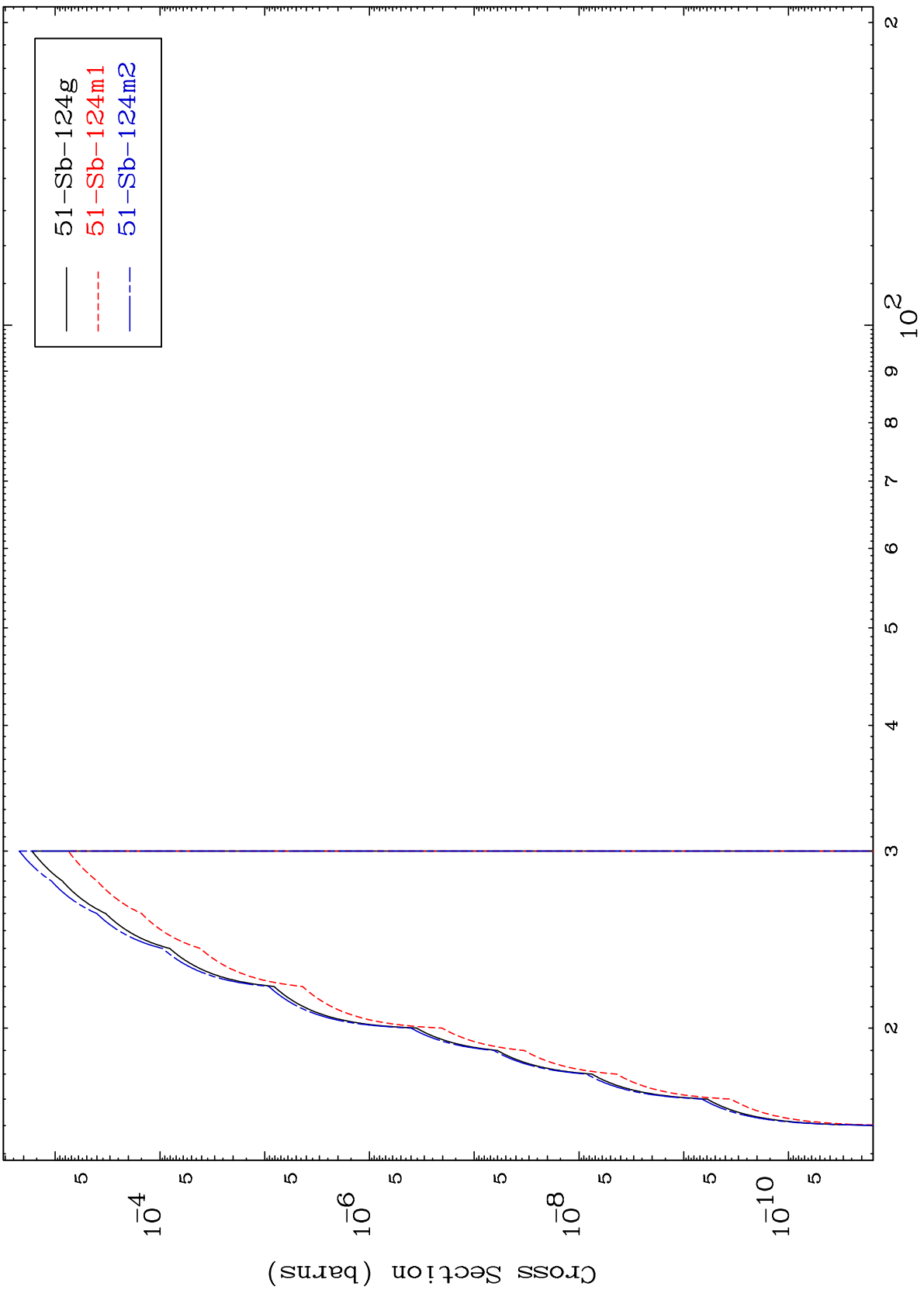
— 52-Te-127g
- - - 52-Te-127m2

51-Sb-125

Incident Energy (MeV)

12

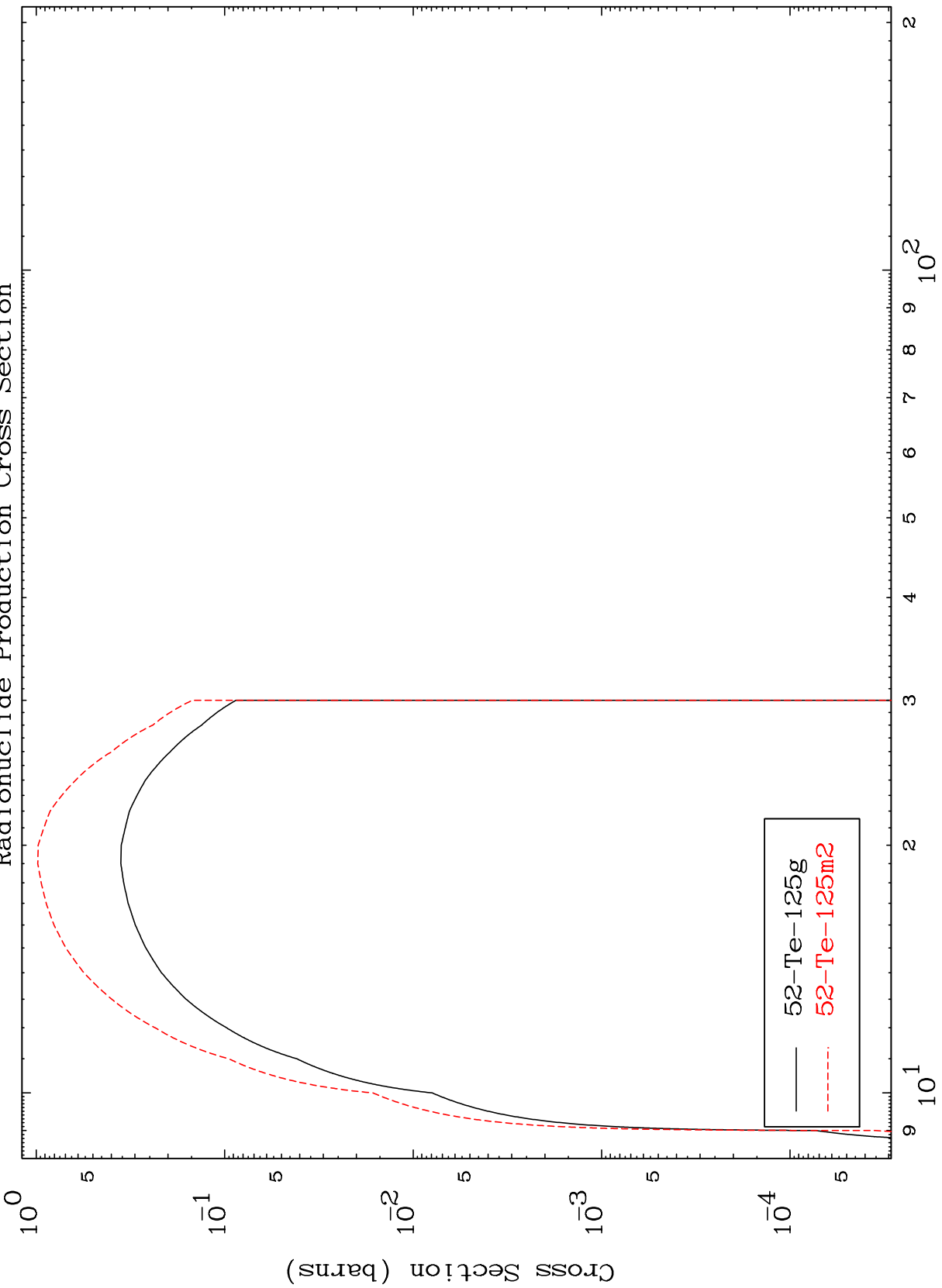
Radionuclide Production Cross Section



MAT 5137

51-Sb-125

(n,3n) Radionuclide Production Cross Section



52-Te-125g
52-Te-125m2

51-Sb-125

Incident Energy (MeV)

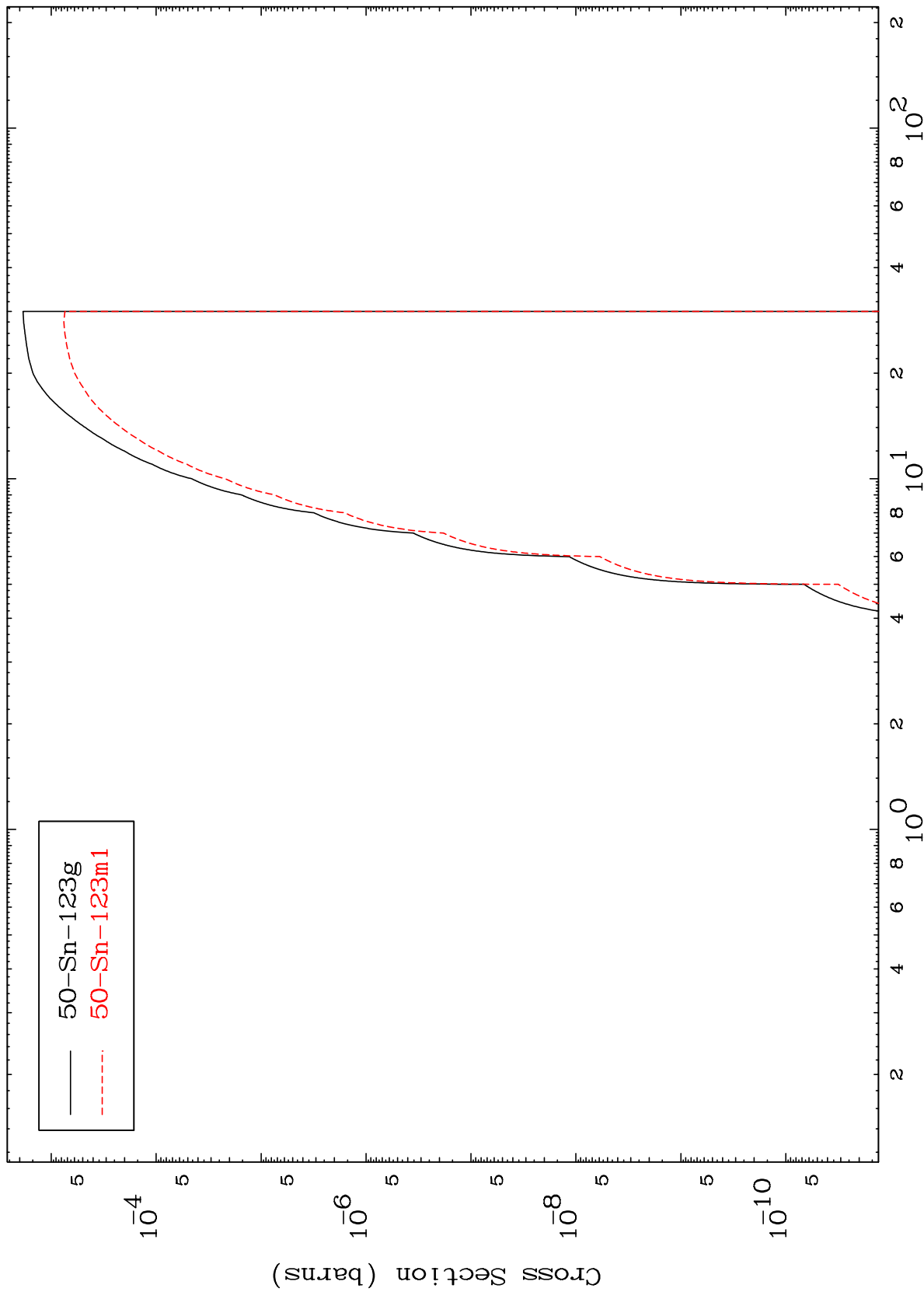
14

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$(n, n') \alpha$

51-Sb-125

Radionuclide Production Cross Section

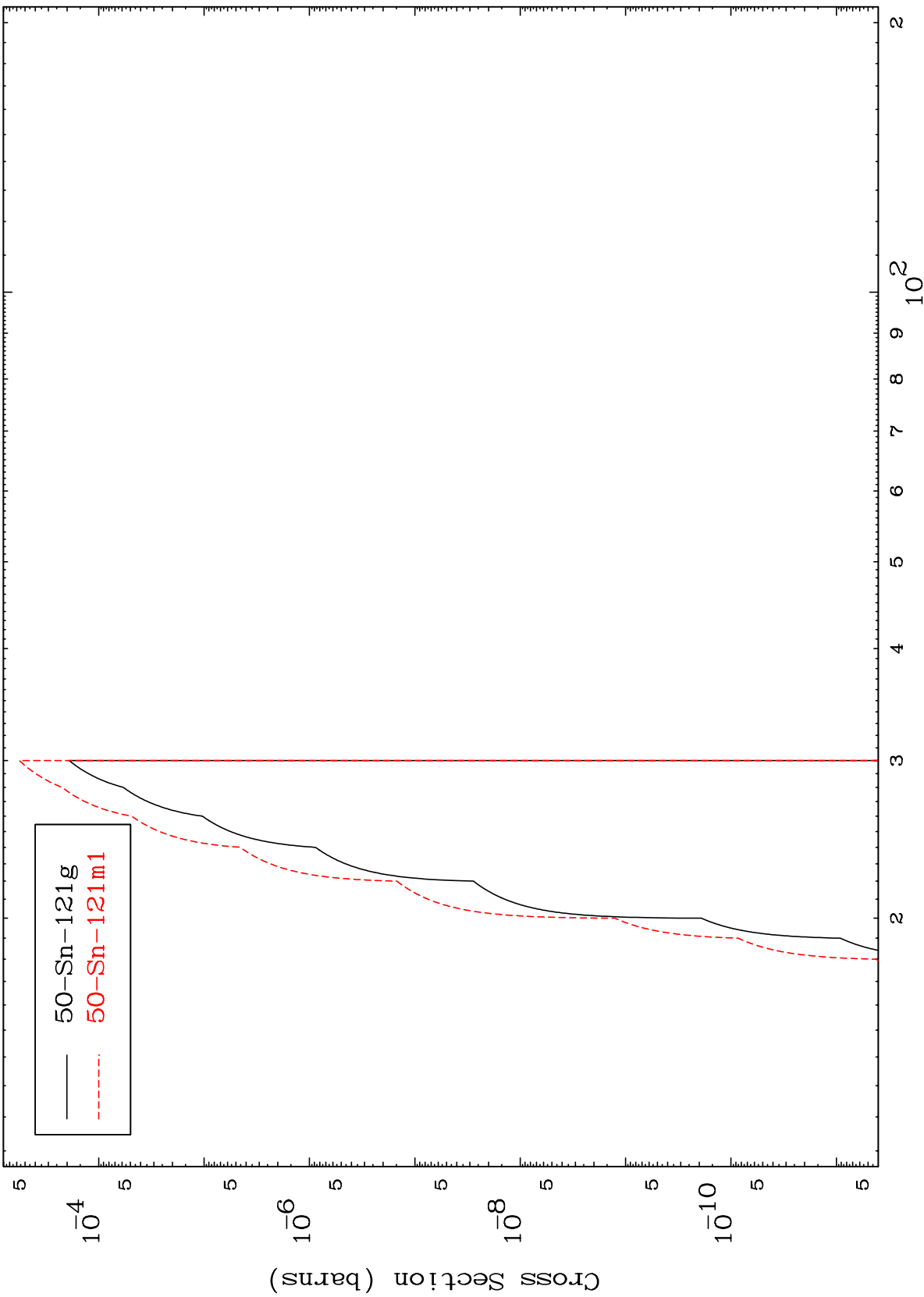


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(n,3n) α

51-Sb-125

Radionuclide Production Cross Section

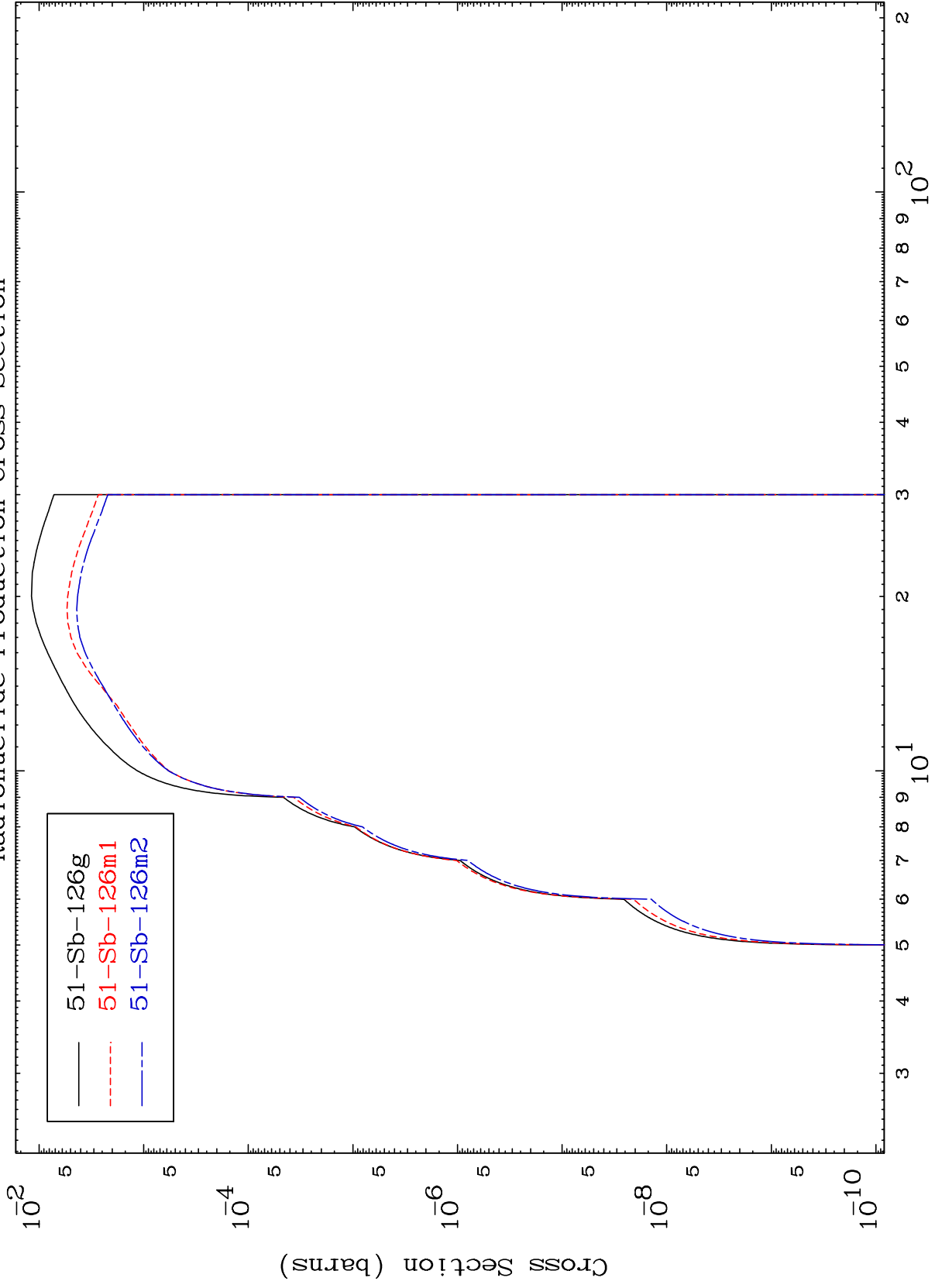


50-Sn-121g
50-Sn-121m1

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51-Sb-125

(n,n') p
Radionuclide Production Cross Section

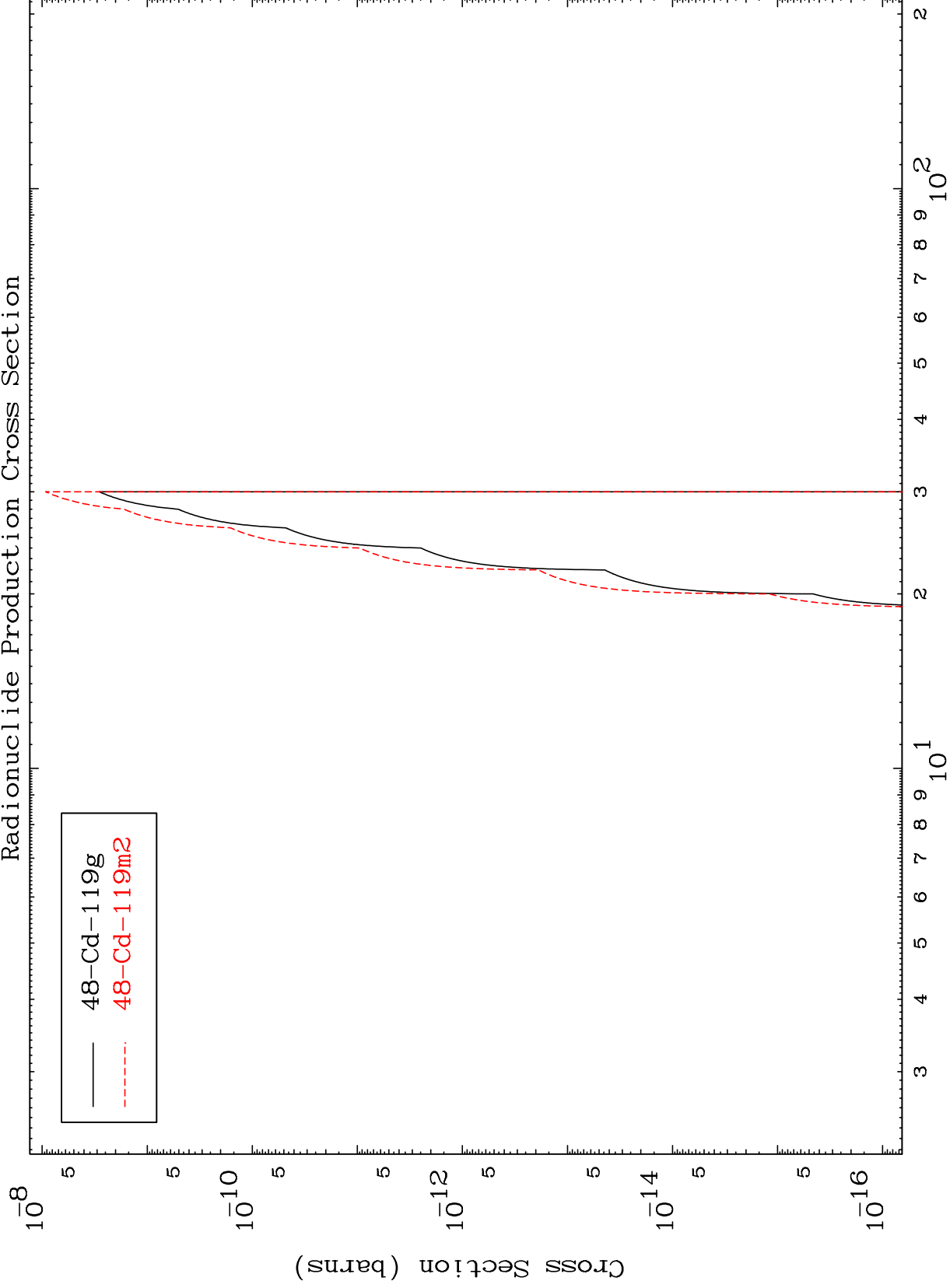


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(n,n') 2 α

51-Sb-125

Radionuclide Production Cross Section



18

Incident Energy (MeV)

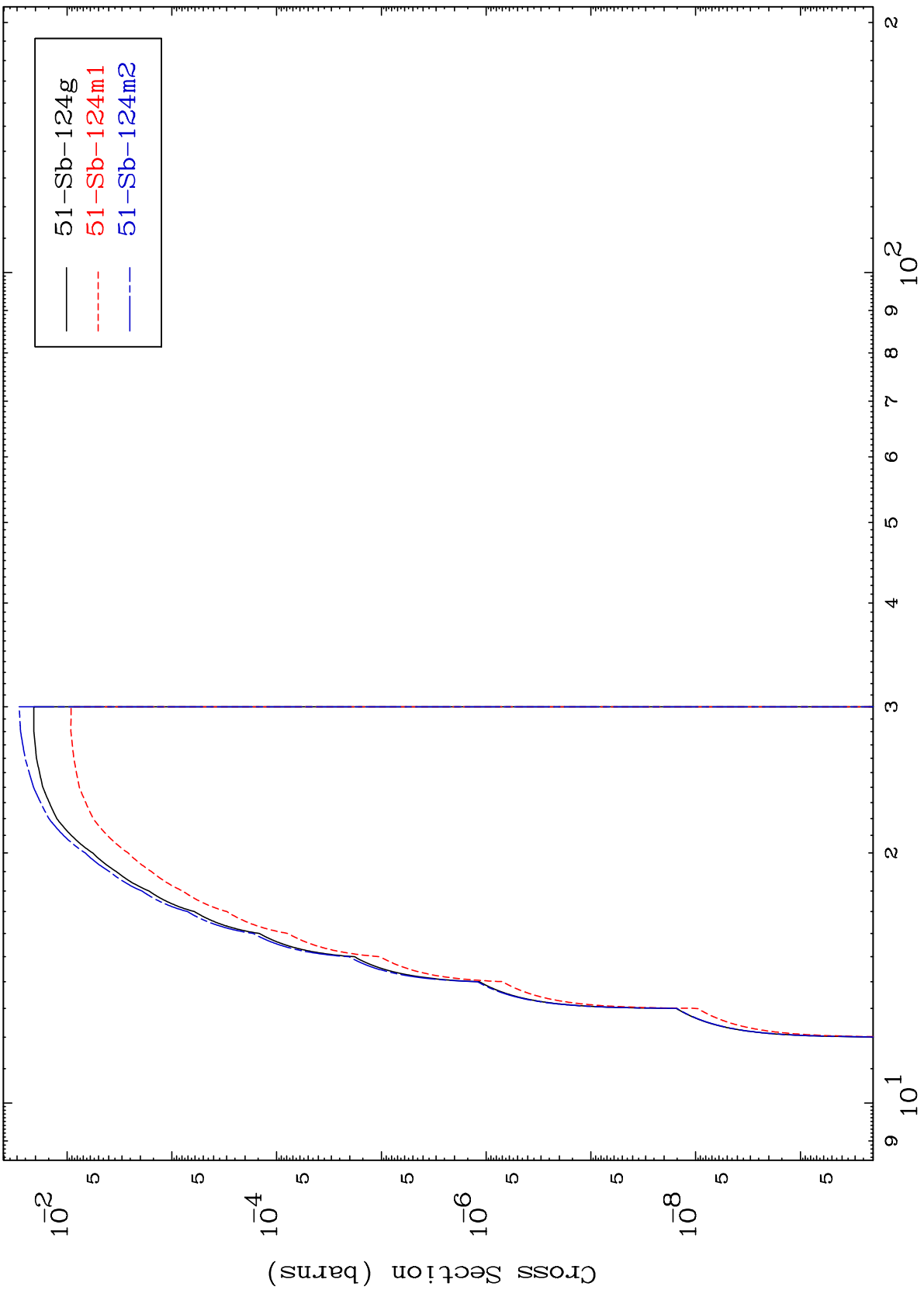
51-Sb-125

MAT 5137

(n,n') t

51-Sb-125

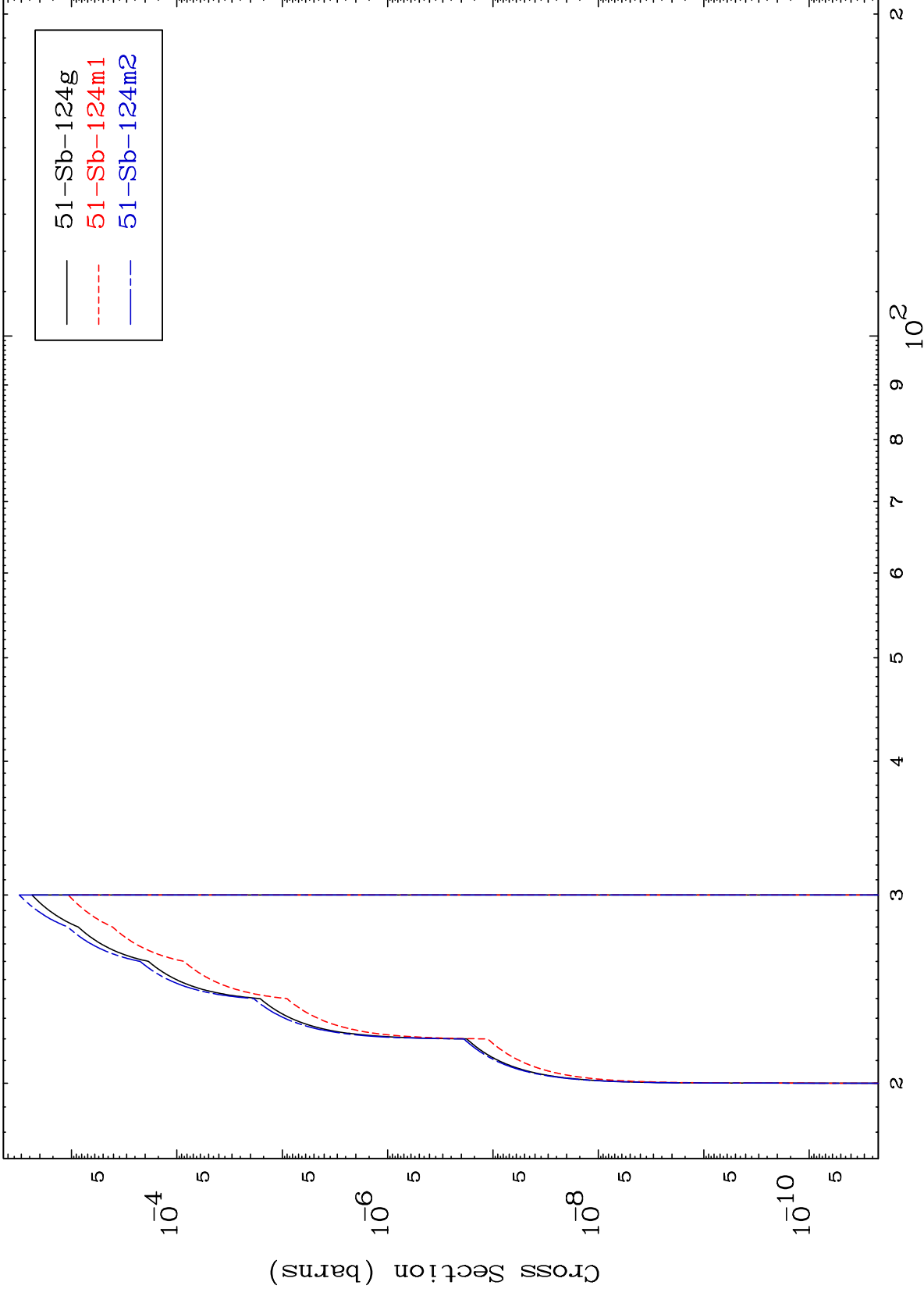
Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-125

Radionuclide Production Cross Section



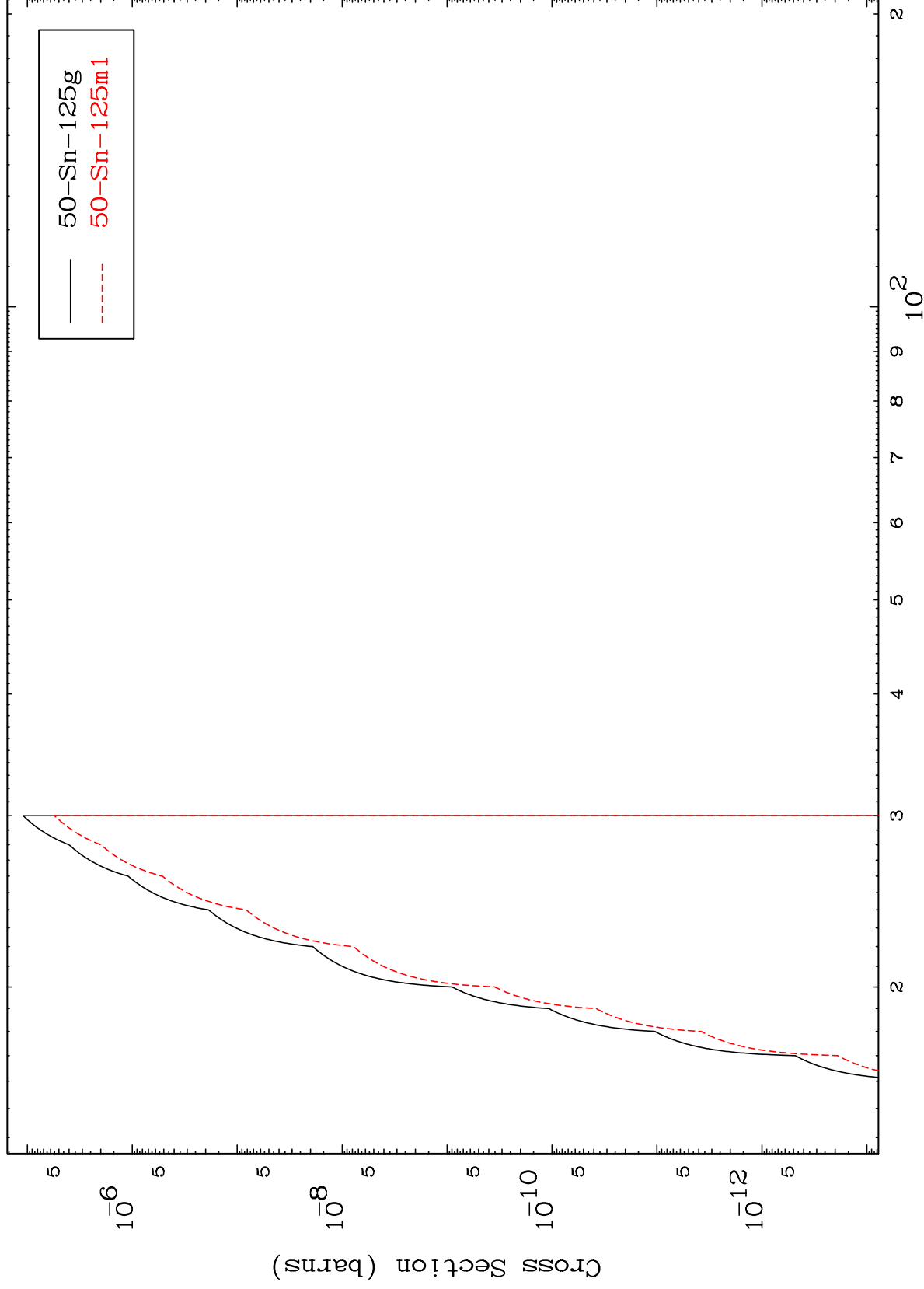
51-Sb-124g
51-Sb-124m1
51-Sb-124m2

MAT 5137

(n,2n) p

51-Sb-125

Radionuclide Production Cross Section

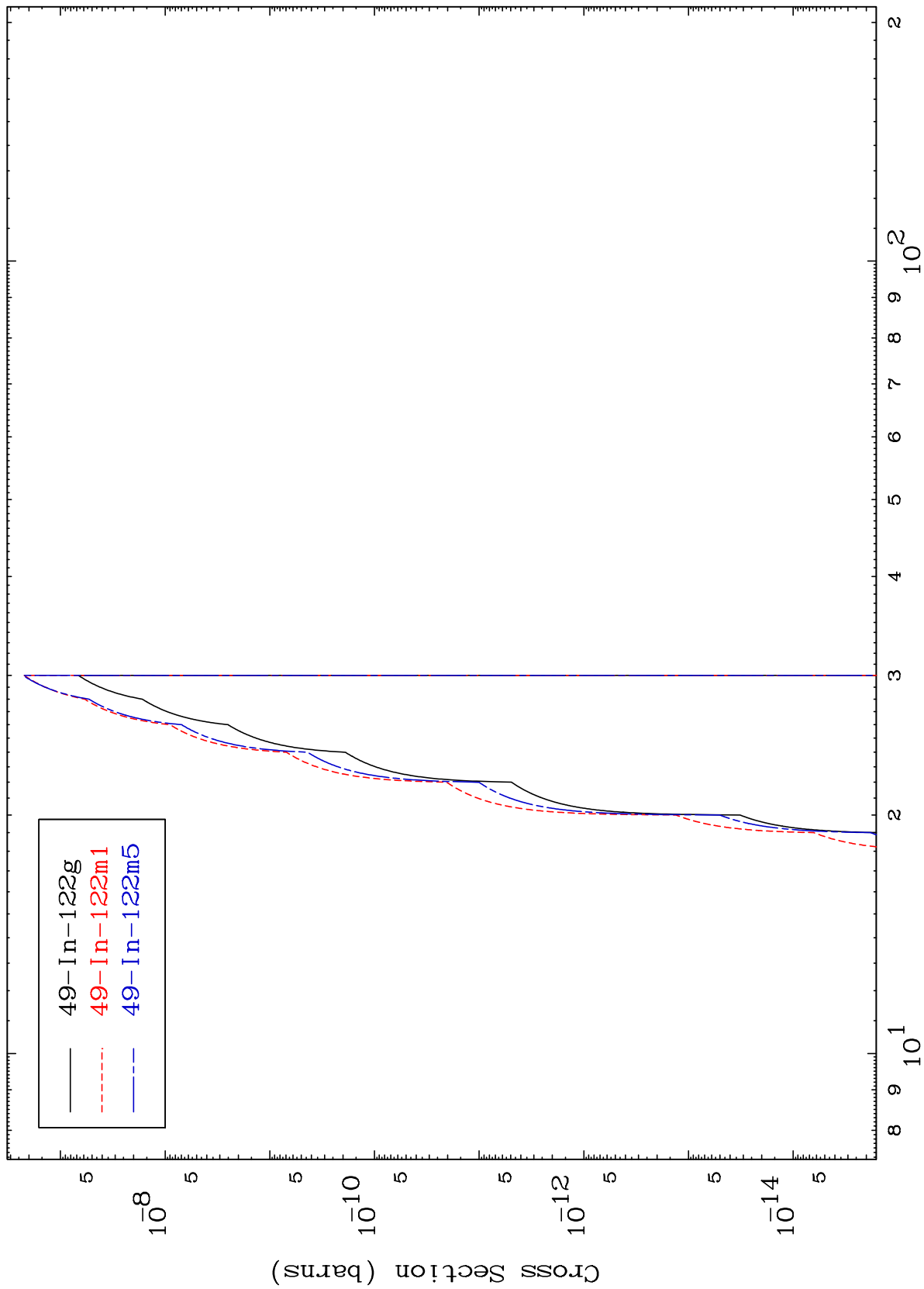


21

Incident Energy (MeV)

51-Sb-125

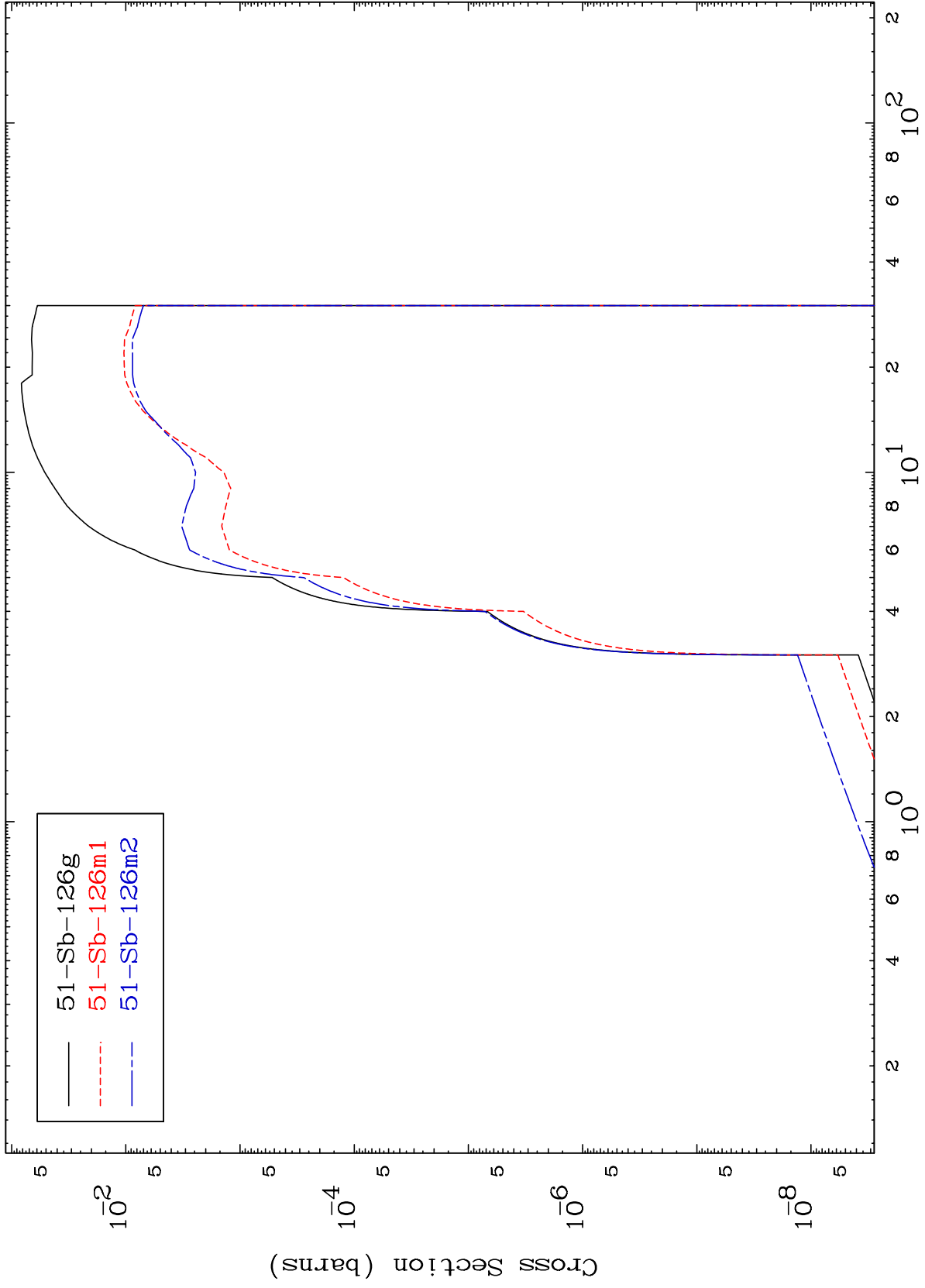
Radionuclide Production Cross Section



MAT 5137

51-Sb-125

(n,d)
Radionuclide Production Cross Section



51-Sb-125

Incident Energy (MeV)

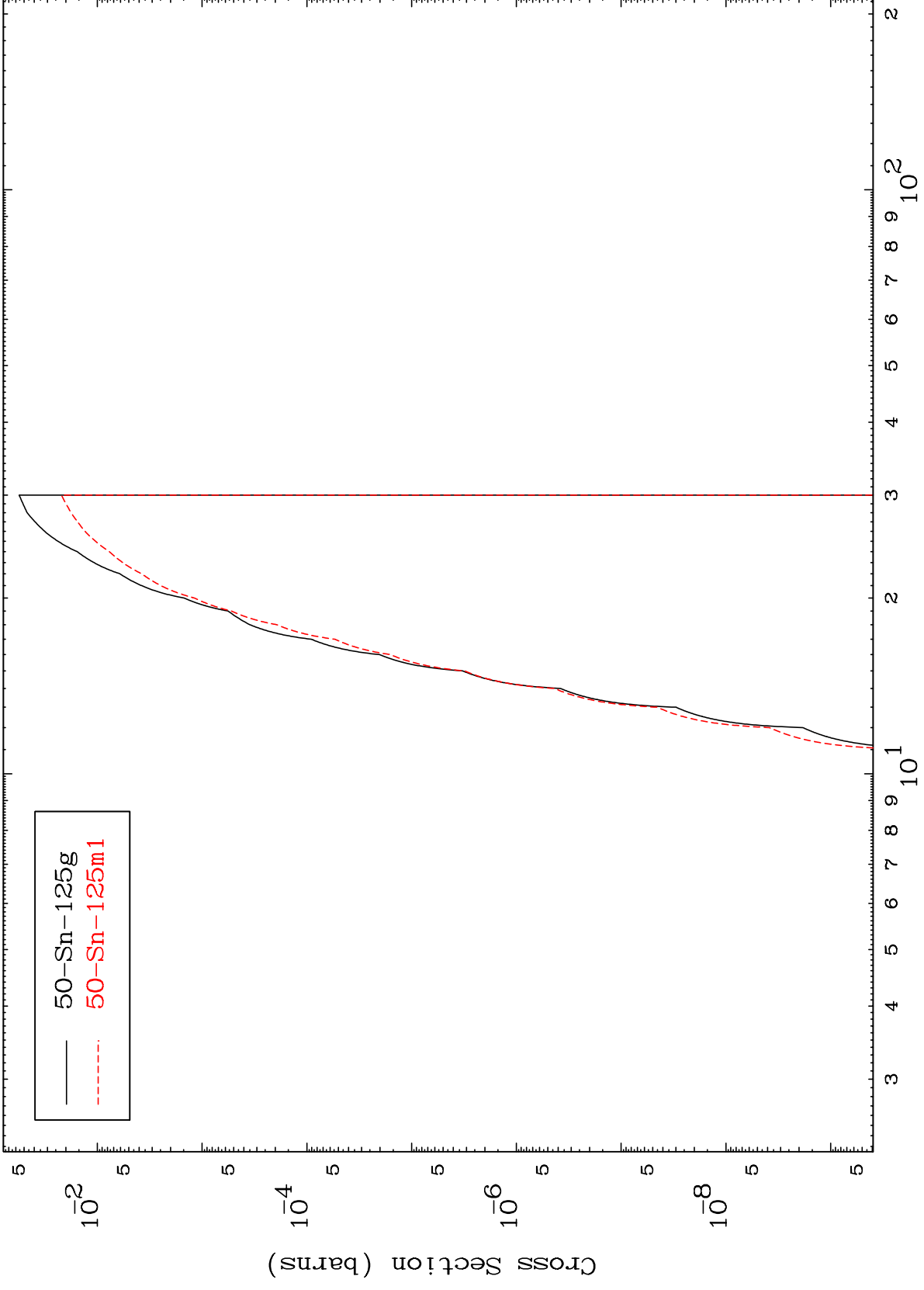
23

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(n,He-3)

51-Sb-125

Radionuclide Production Cross Section



50-Sn-125g
50-Sn-125m1

24

Incident Energy (MeV)

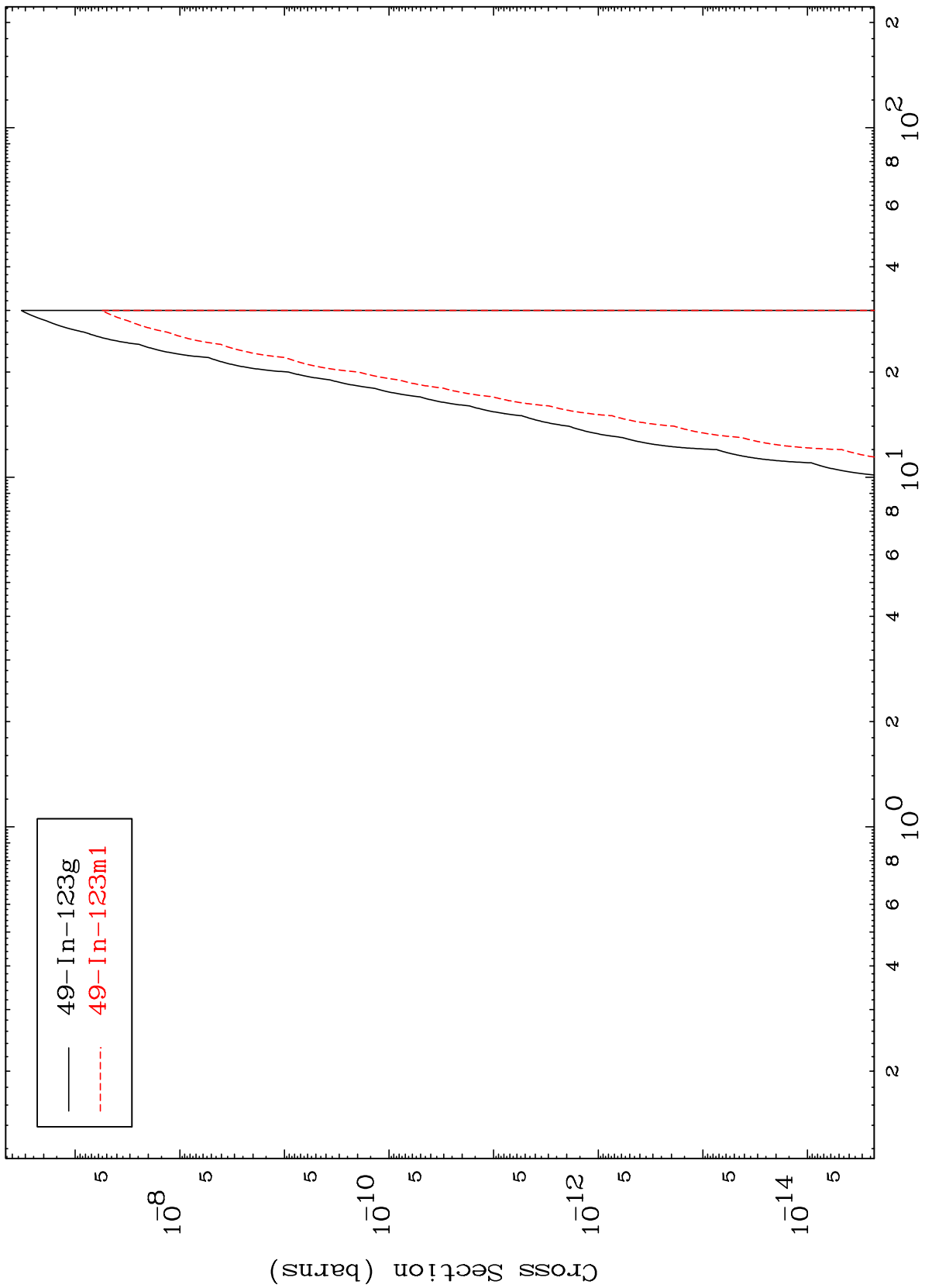
51-Sb-125

MAT 5137

(n,p) α

51-Sb-125

Radionuclide Production Cross Section



25

Incident Energy (MeV)

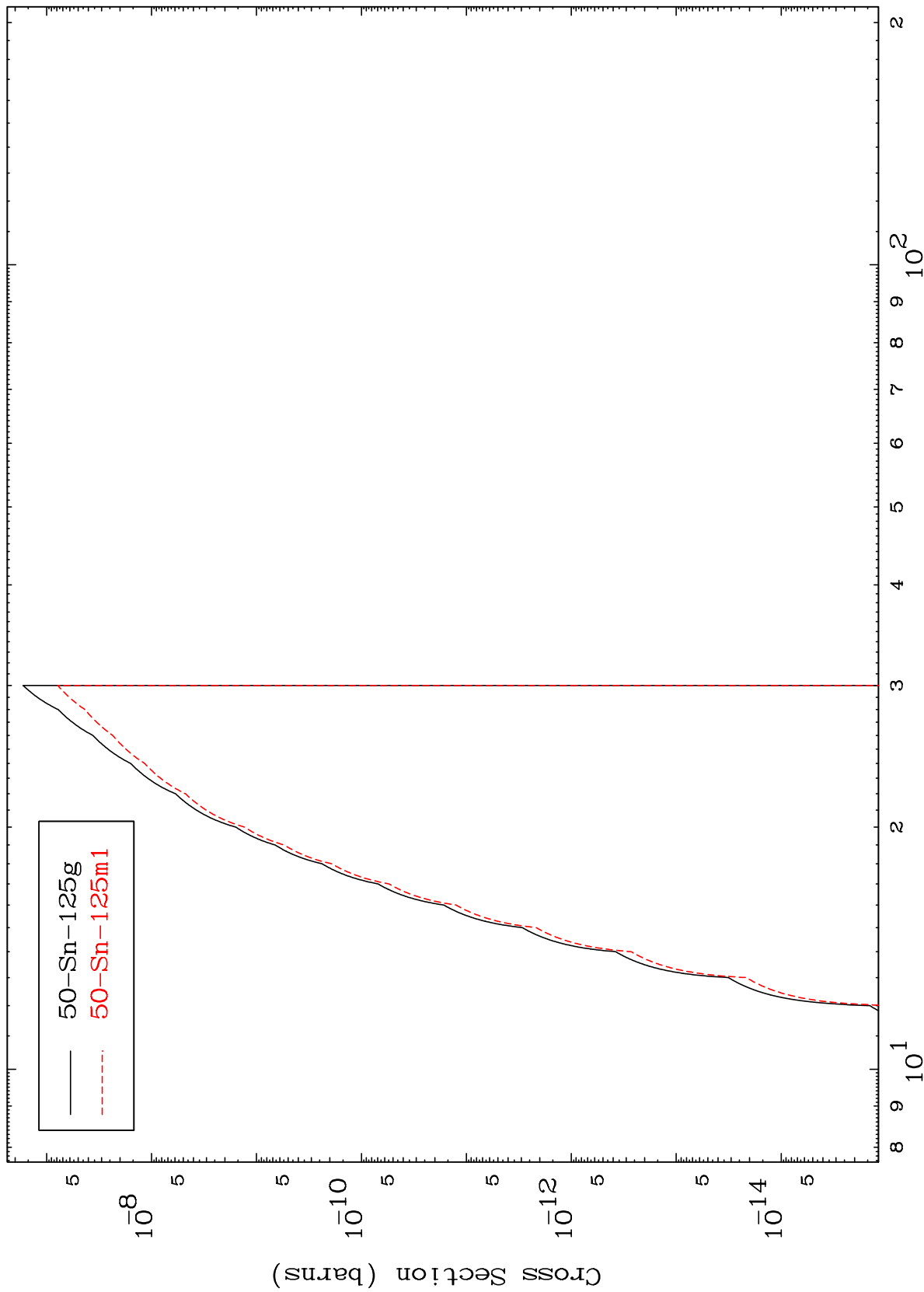
51-Sb-125

MAT 5137

(n,p) d

51-Sb-125

Radionuclide Production Cross Section



26

Incident Energy (MeV)

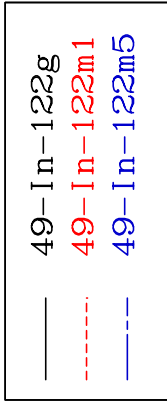
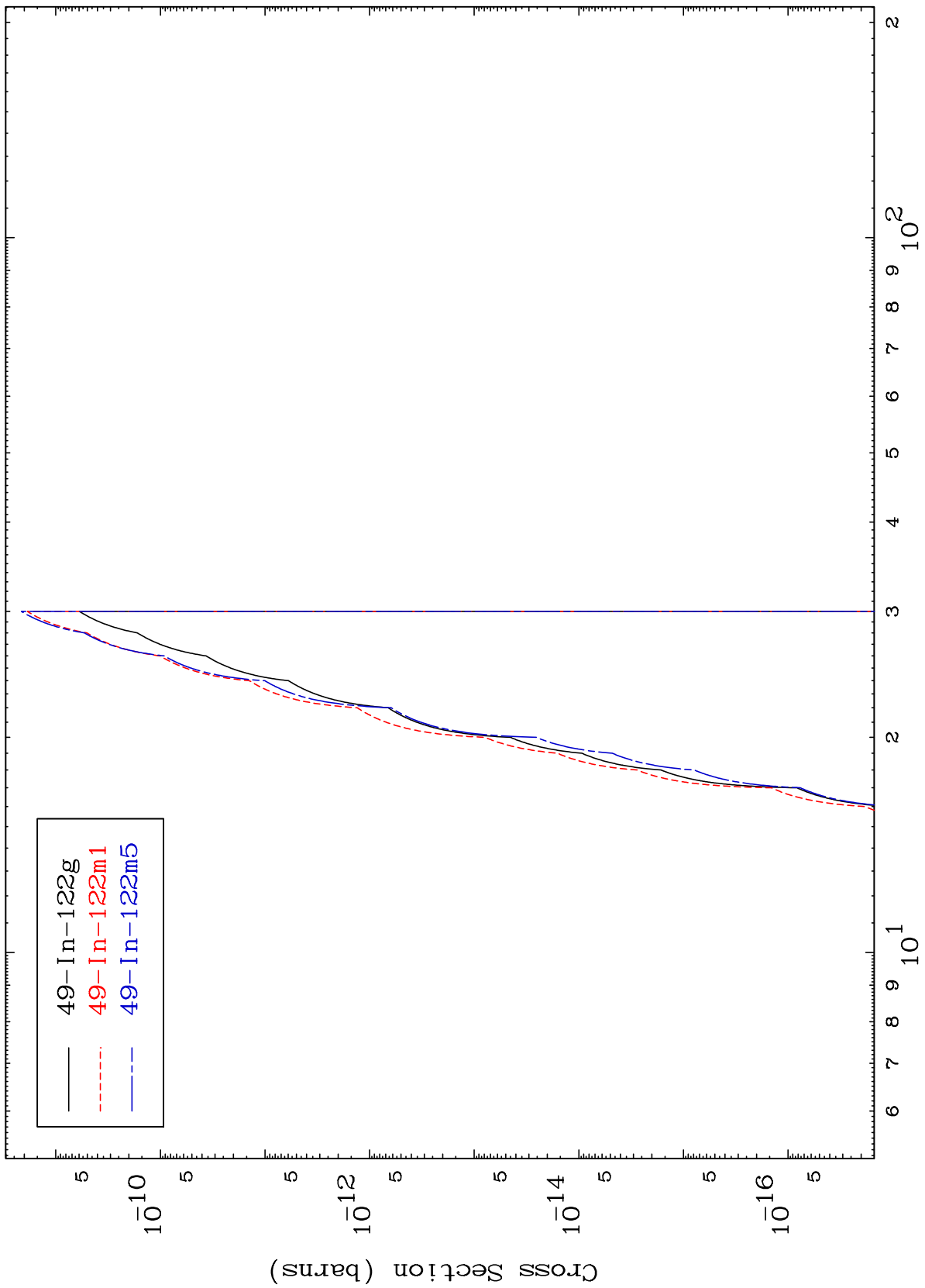
51-Sb-125

MAT 5137

(n,d) α

51-Sb-125

Radionuclide Production Cross Section



27

Incident Energy (MeV)

51-Sb-125