

Program EVALPLOT
(Version 2018-1)

by

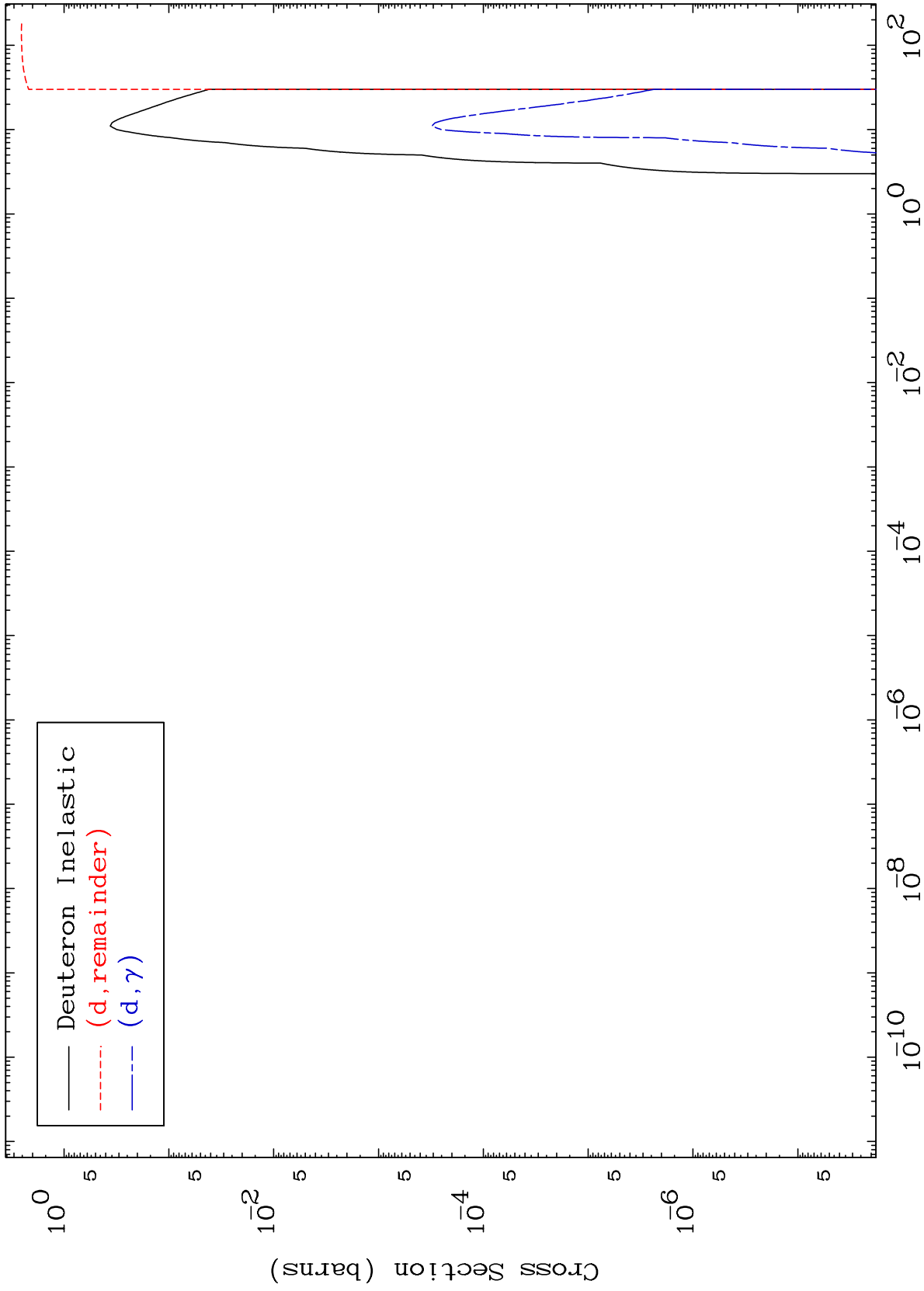
Dermott E. Cullen
(Present Contact Information)

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E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

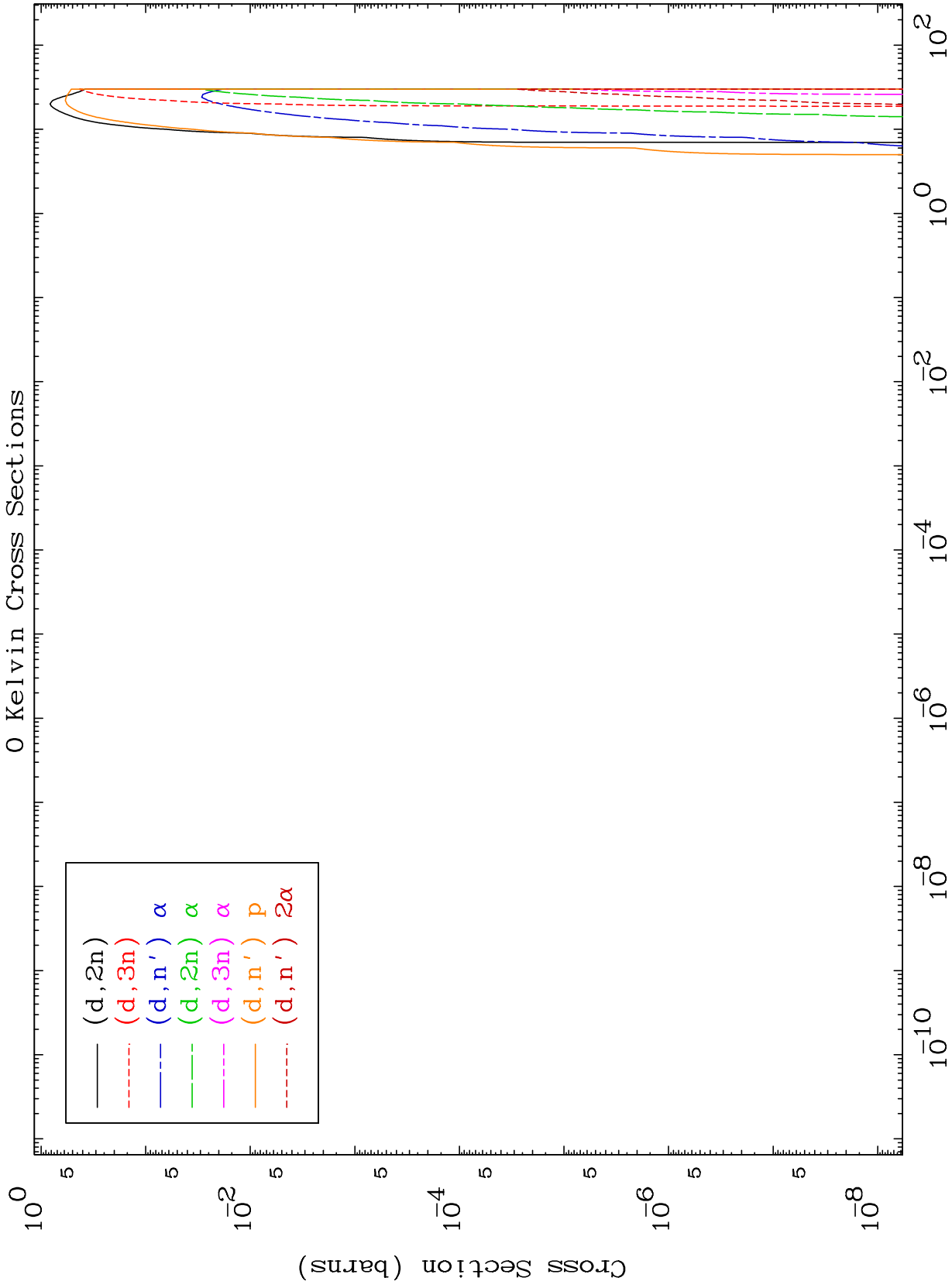
Press Mouse Button to Start



MAT 6304

Deuteron Neutron Production
0 Kelvin Cross Sections

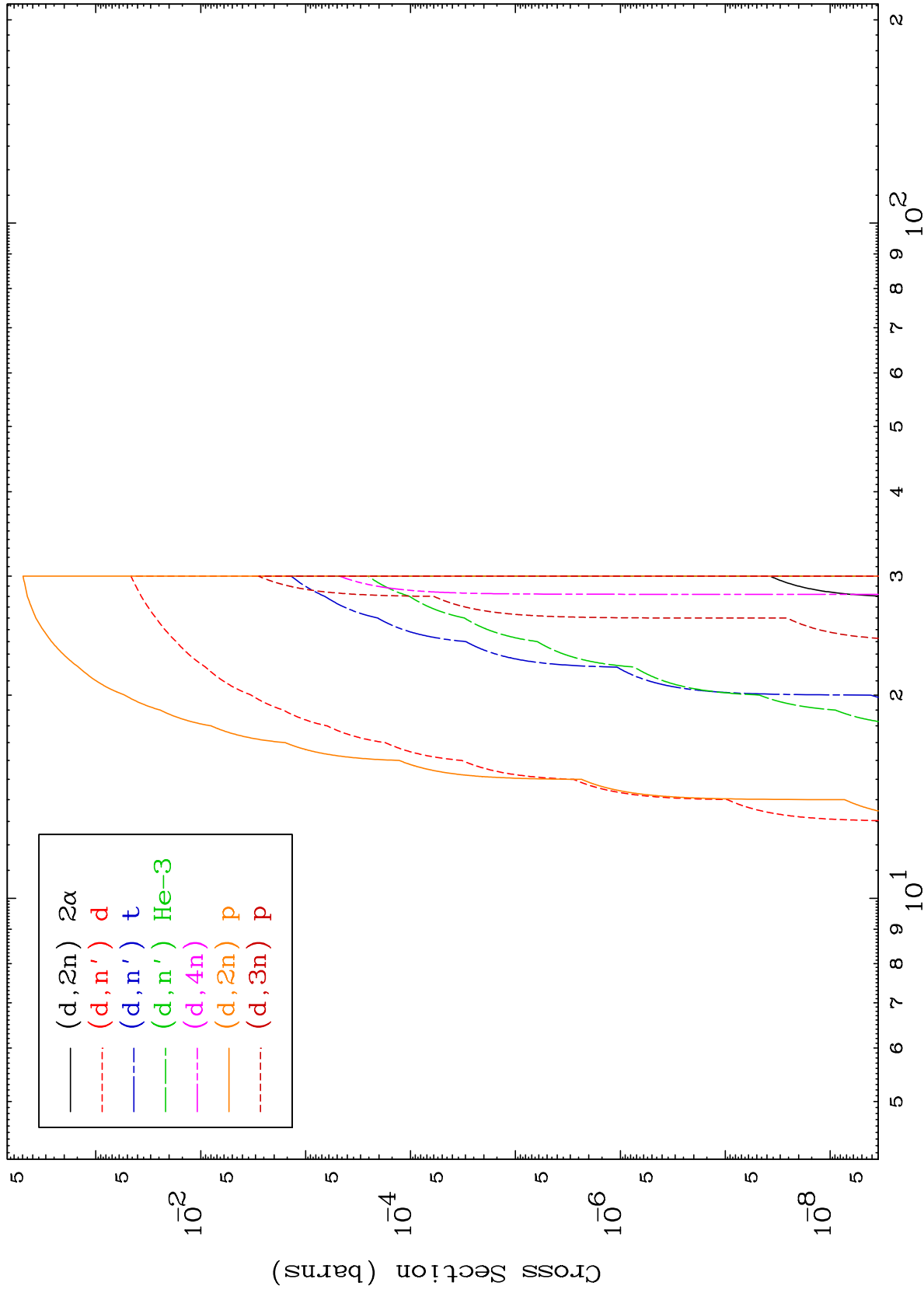
63-Eu-144



2

Incident Energy (MeV)

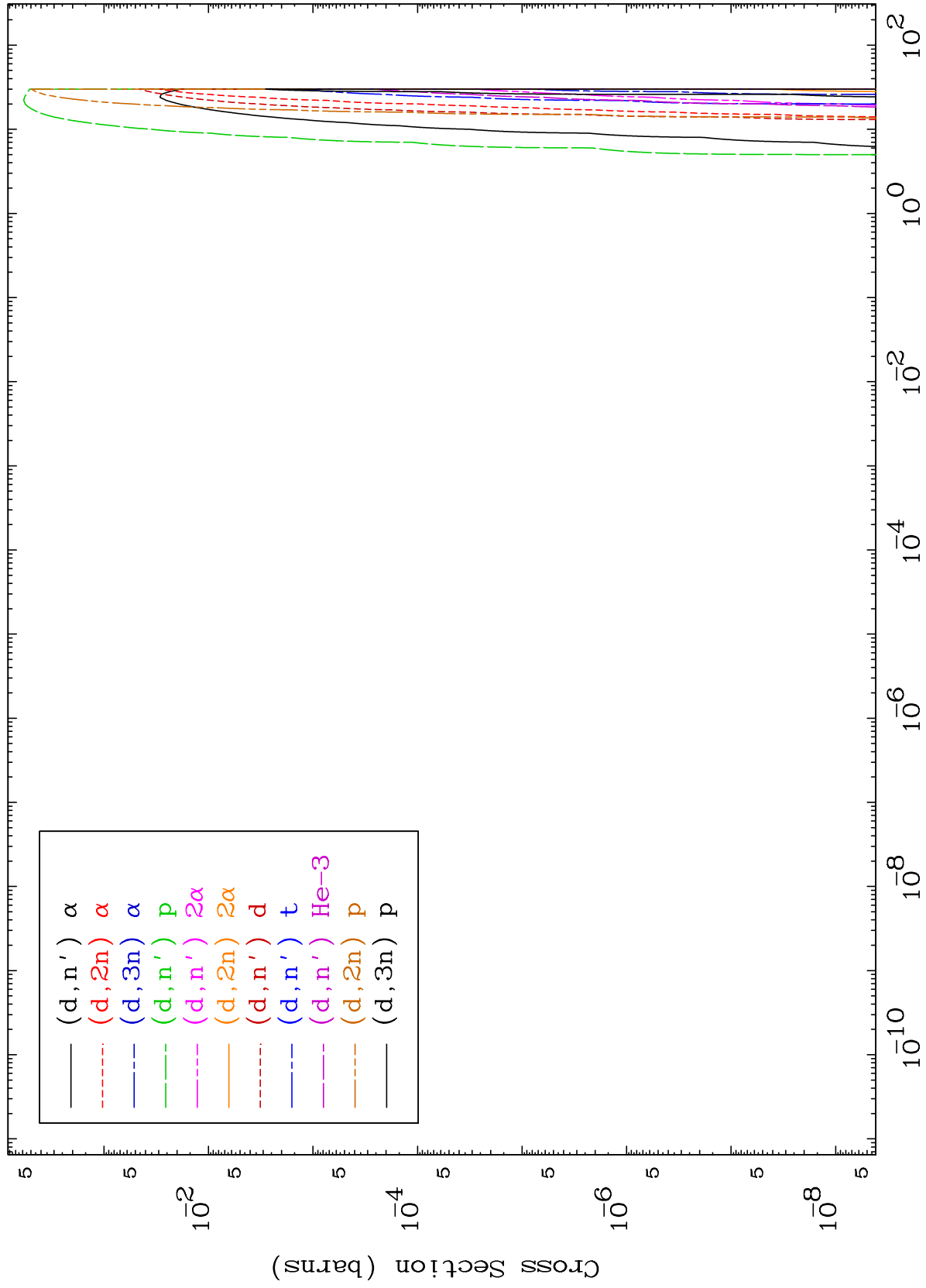
63-Eu-144



MAT 6304

Deuteron Charged Particle
0 Kelvin Cross Sections

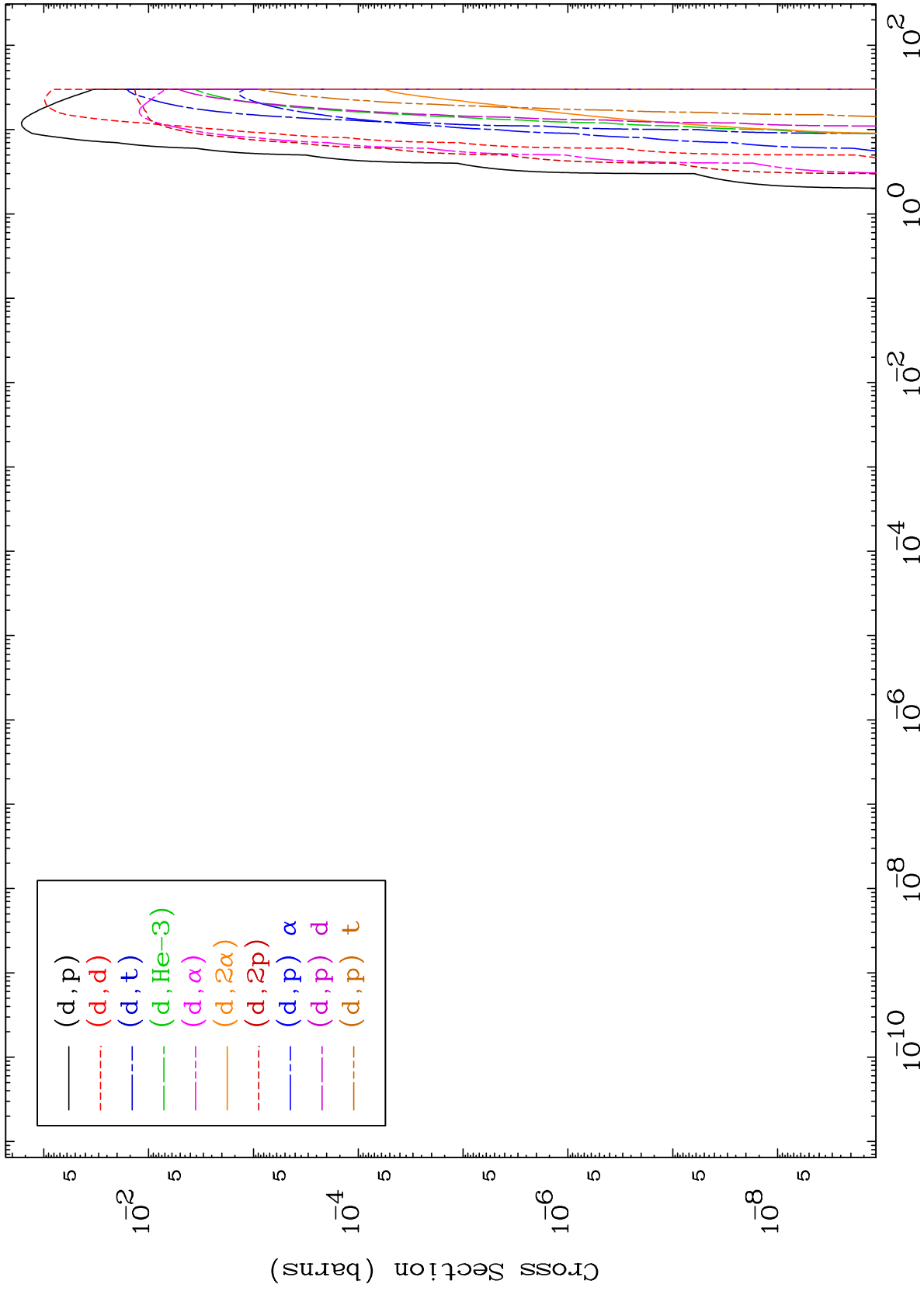
63-Eu-144



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Deuteron Charged Particle
0 Kelvin Cross Sections

63-Eu-144



5

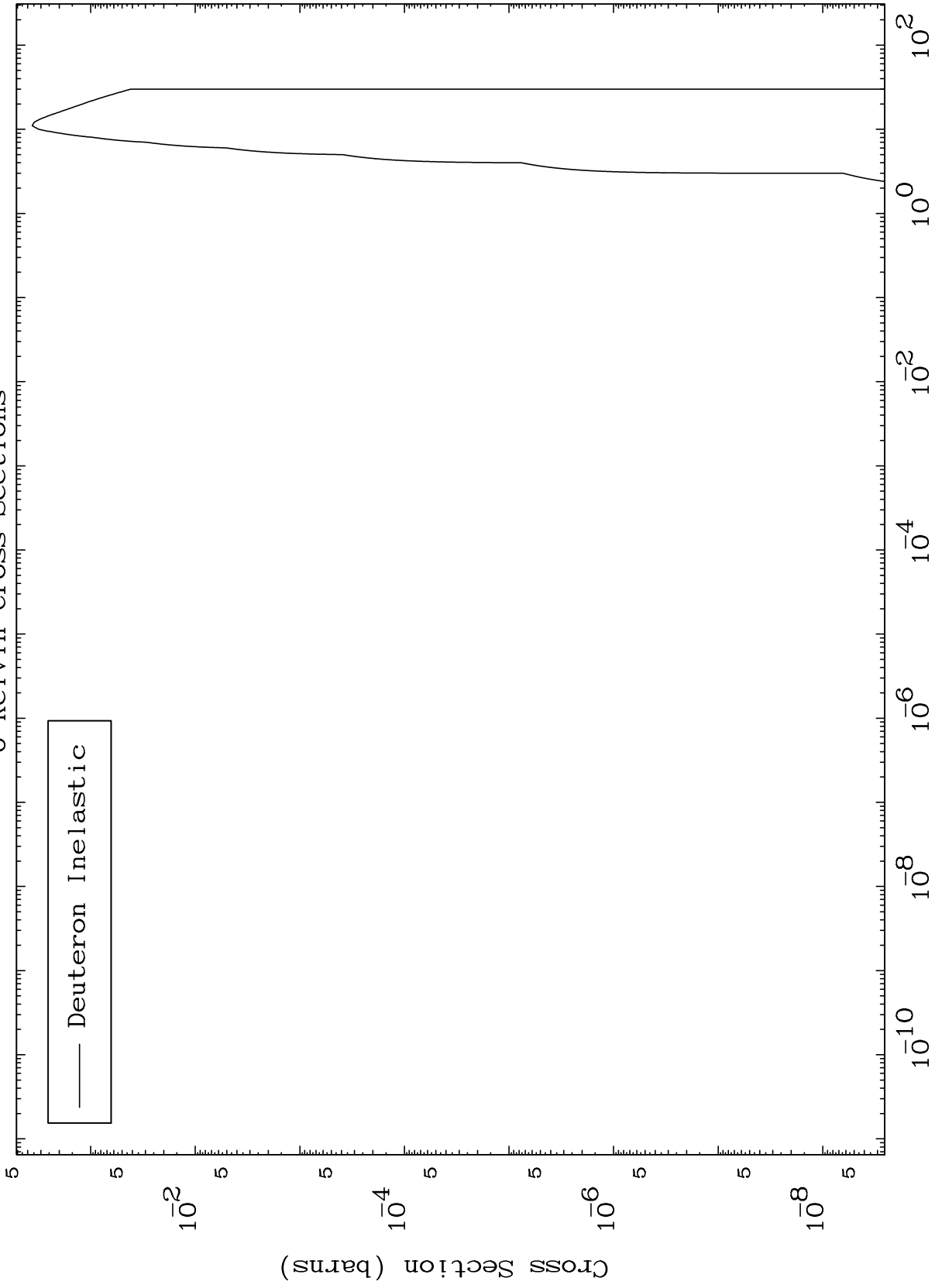
Incident Energy (MeV)

63-Eu-144

MAT 6304

(d,n') Level
0 Kelvin Cross Sections

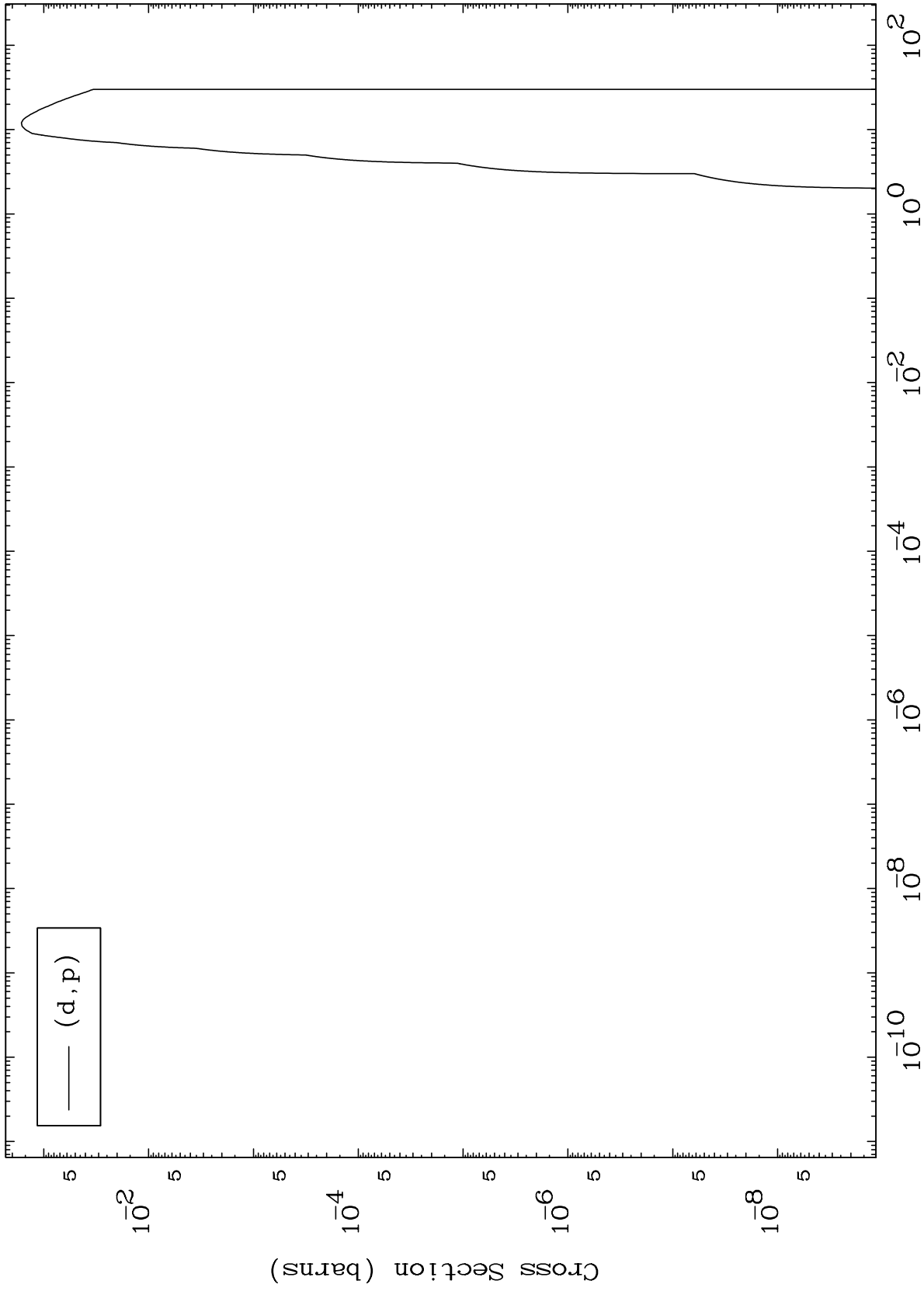
63-Eu-144



MAT 6304

(d,p) Levels
0 Kelvin Cross Sections

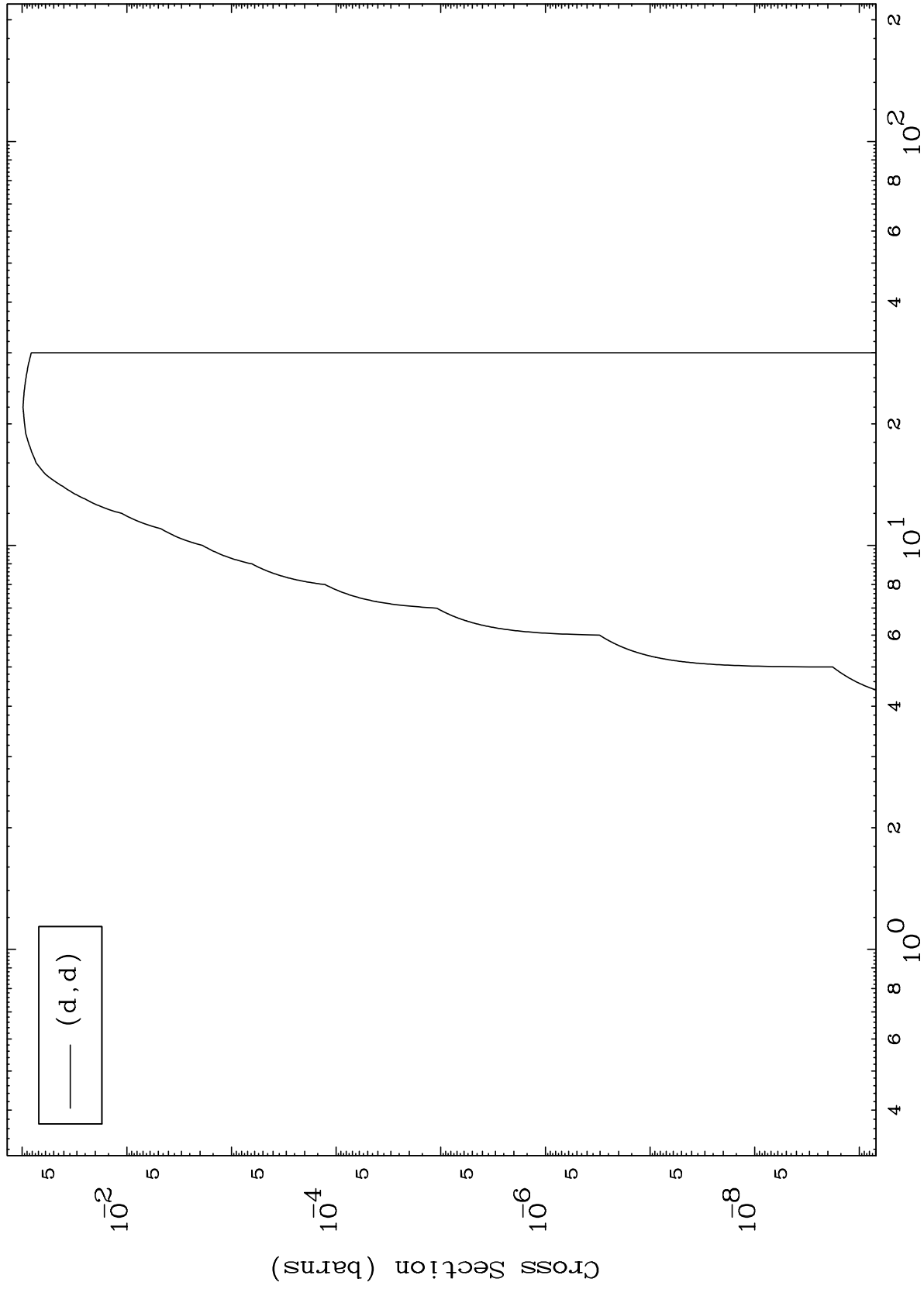
63-Eu-144



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(d,d) Levels
0 Kelvin Cross Sections

63-Eu-144



8

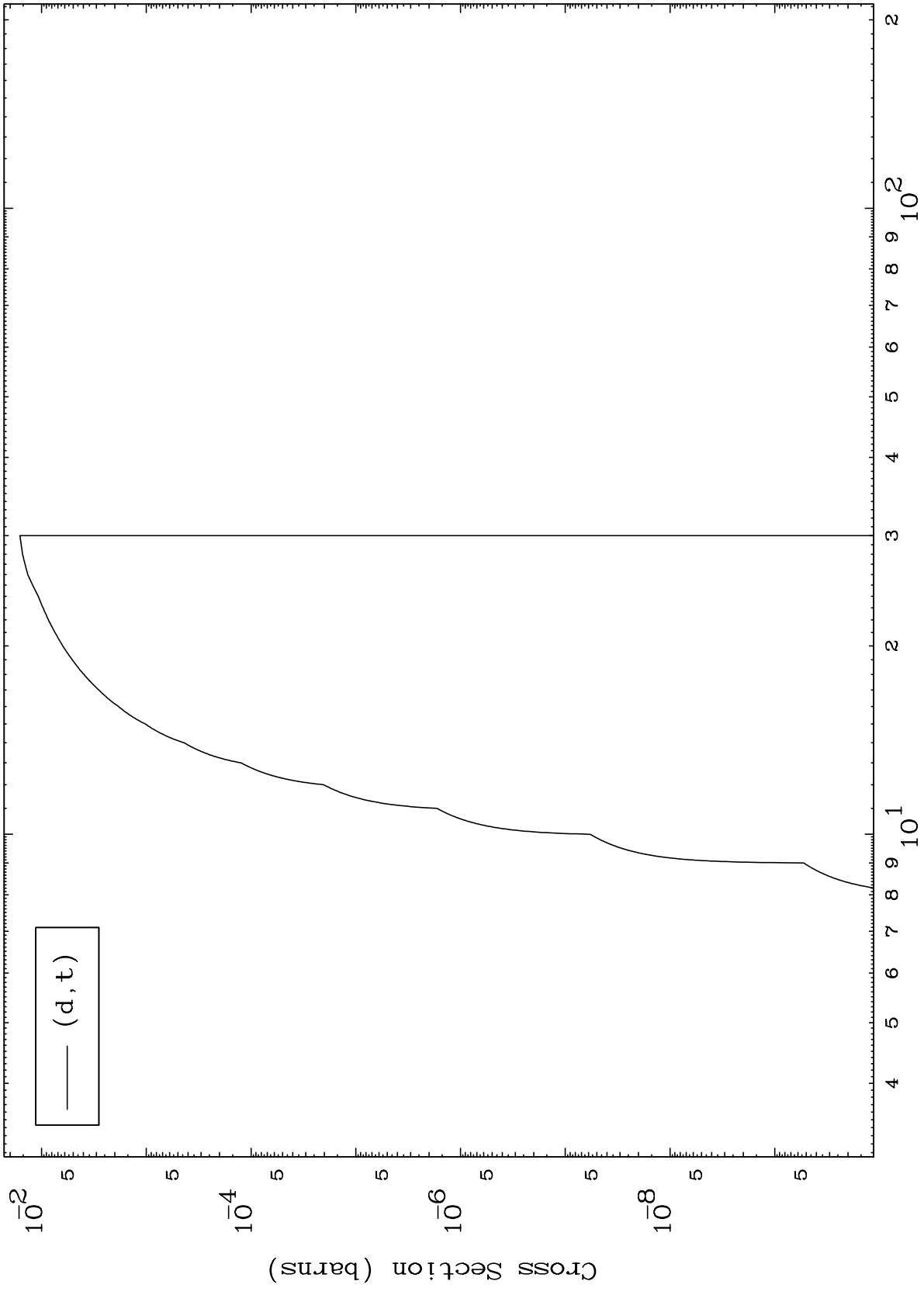
Incident Energy (MeV)

63-Eu-144

MAT 6304

(d,t) Levels
0 Kelvin Cross Sections

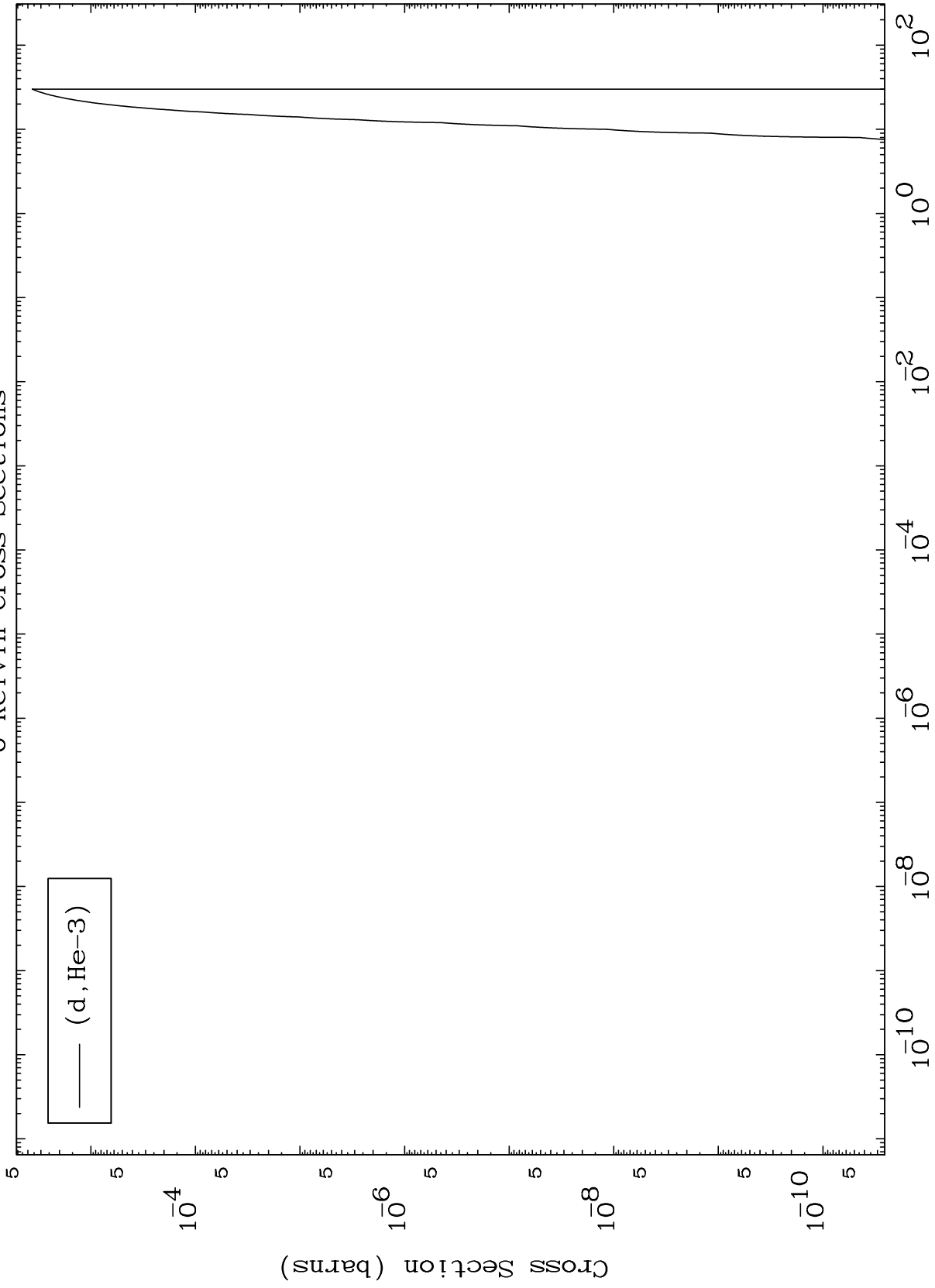
63-Eu-144



MAT 6304

(d,He3) Levels
0 Kelvin Cross Sections

63-Eu-144



10

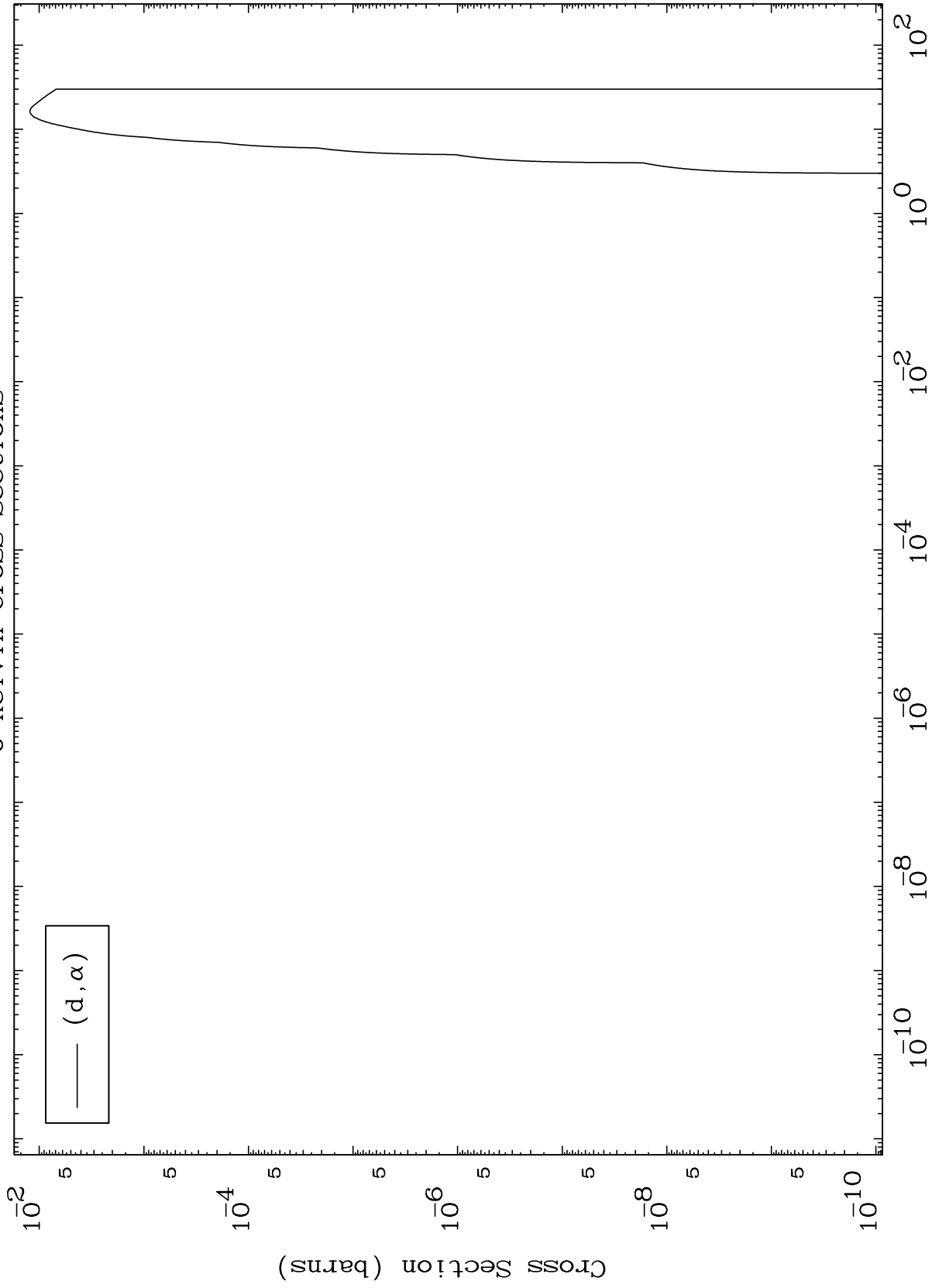
Incident Energy (MeV)

63-Eu-144

MAT 6304

(d, α) Levels
0 Kelvin Cross Sections

63-Eu-144



11

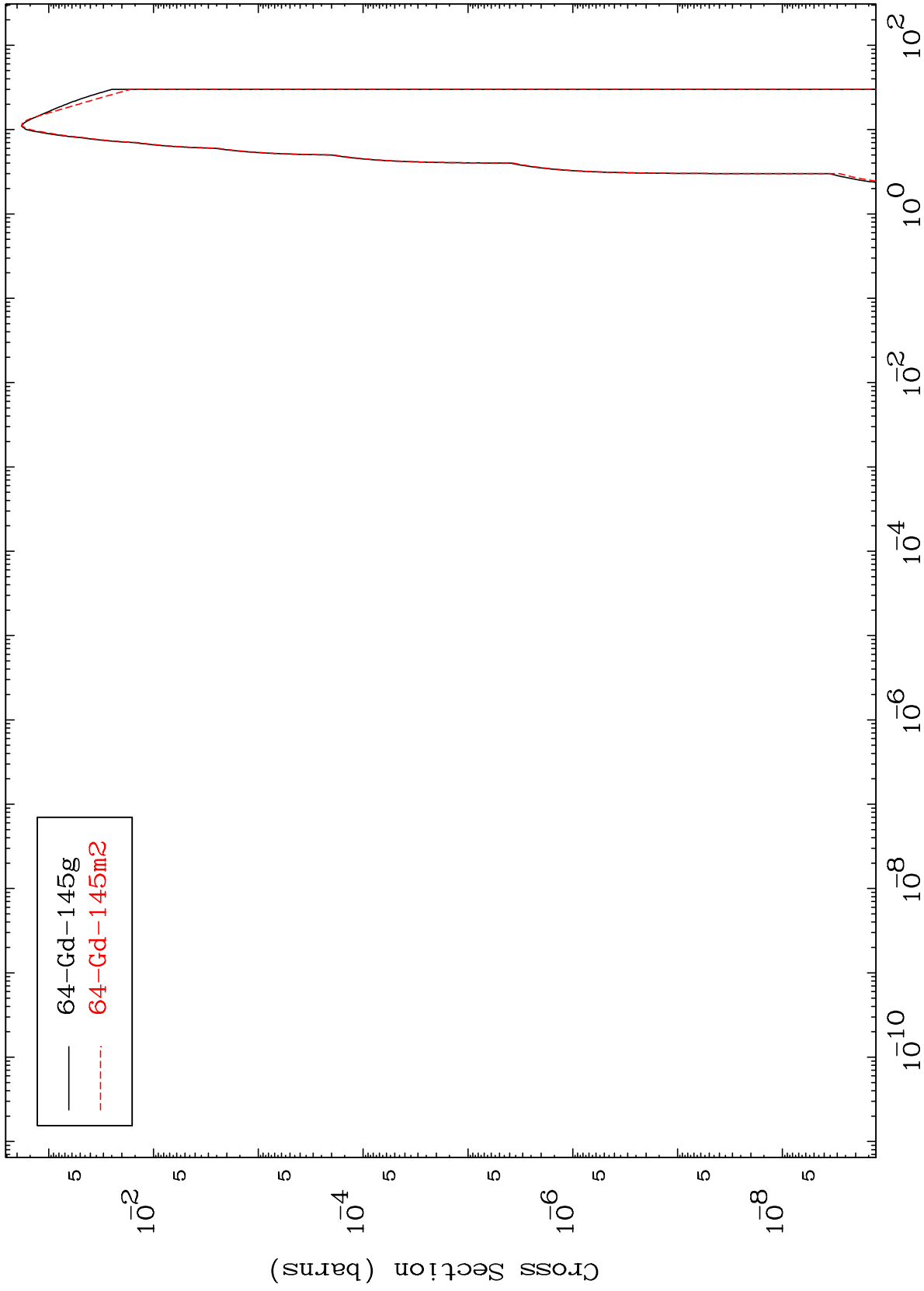
Incident Energy (MeV)

63-Eu-144

MAT 6304

Deuteron Inelastic
Radionuclide Production Cross Section

63-Eu-144



12

Incident Energy (MeV)

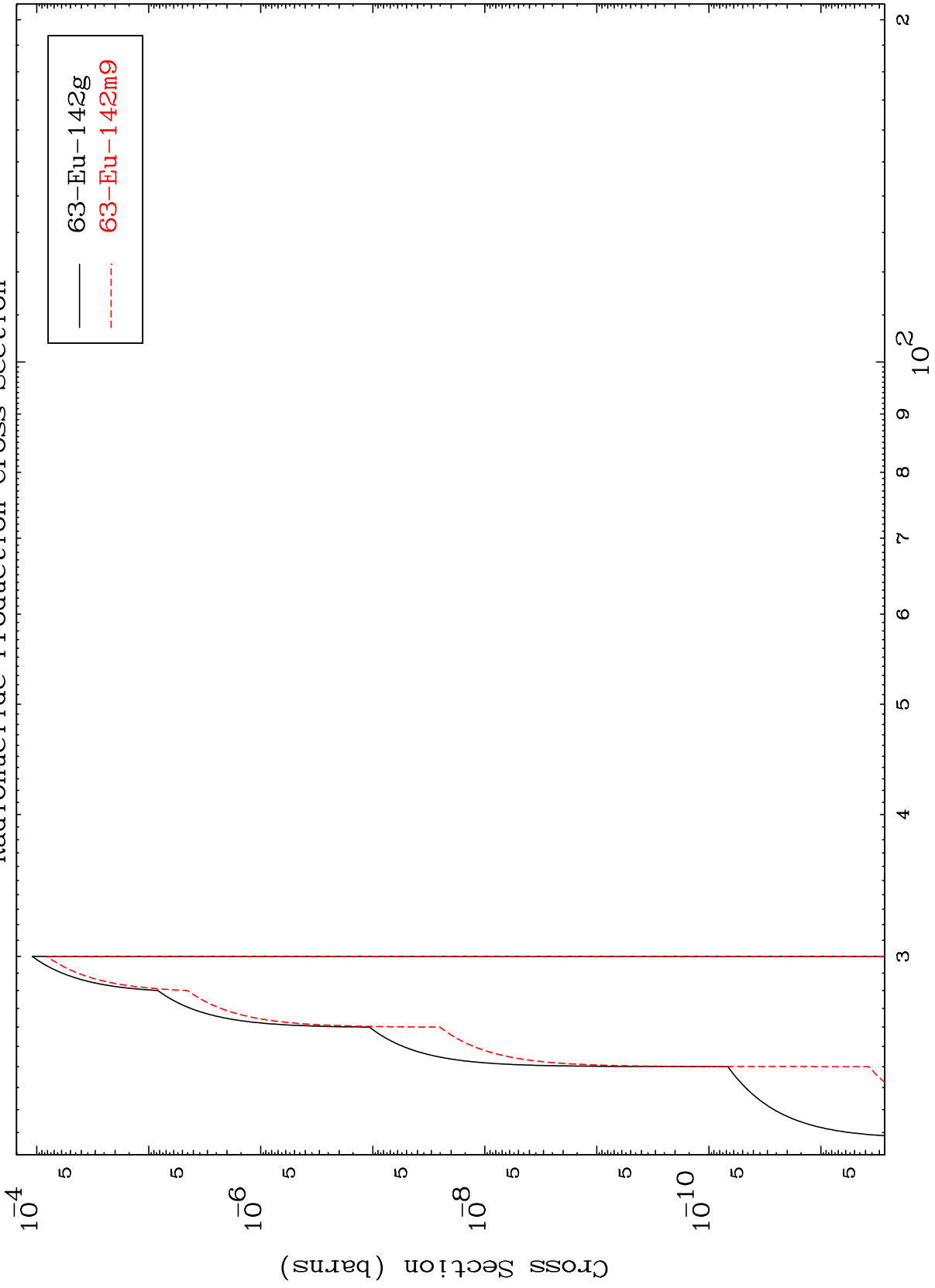
63-Eu-144

MAT 6304

(d,2n) d

63-Eu-144

Radionuclide Production Cross Section



13

Incident Energy (MeV)

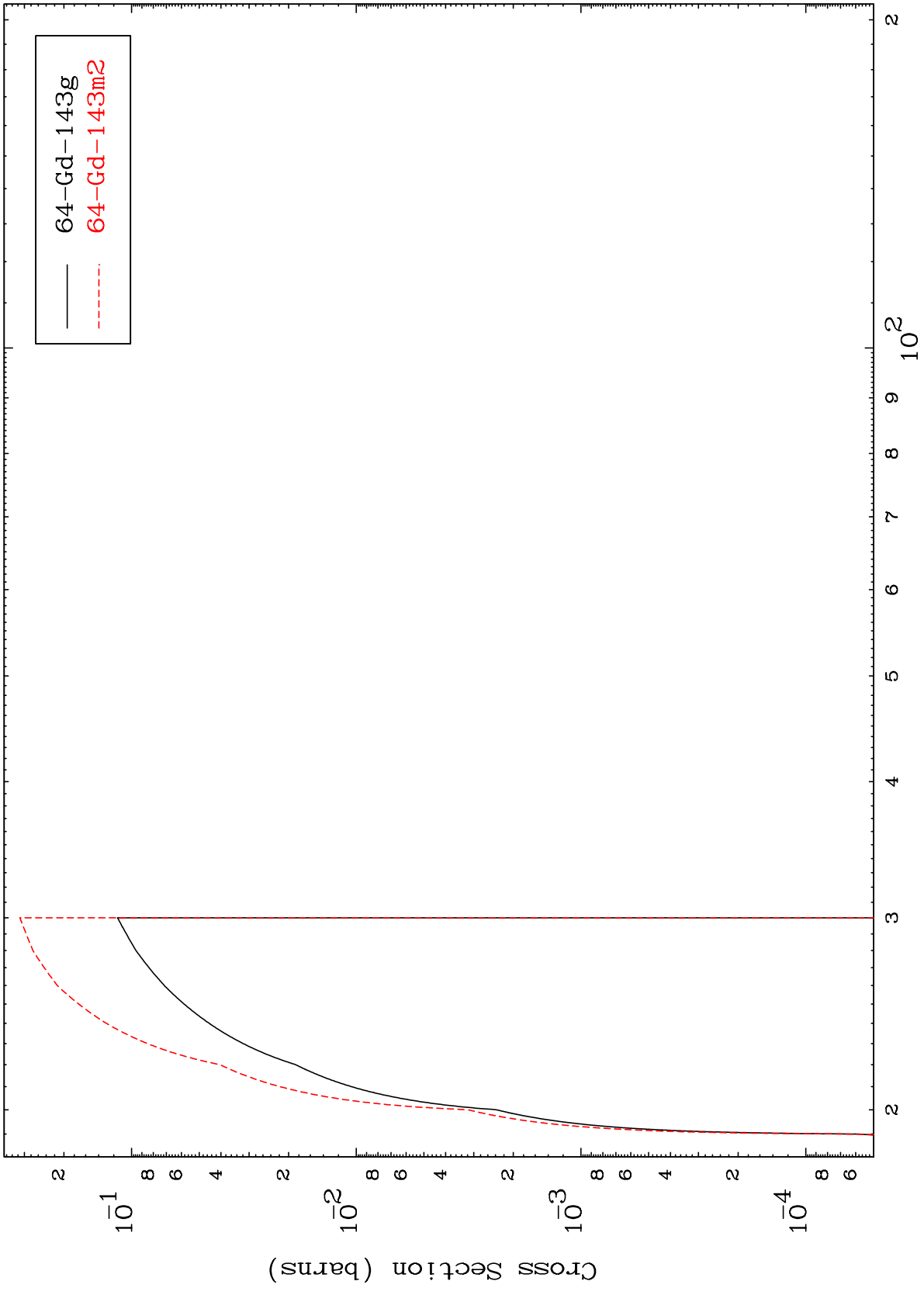
63-Eu-144

MAT 6304

(d,3n)

63-Eu-144

Radionuclide Production Cross Section



14

Incident Energy (MeV)

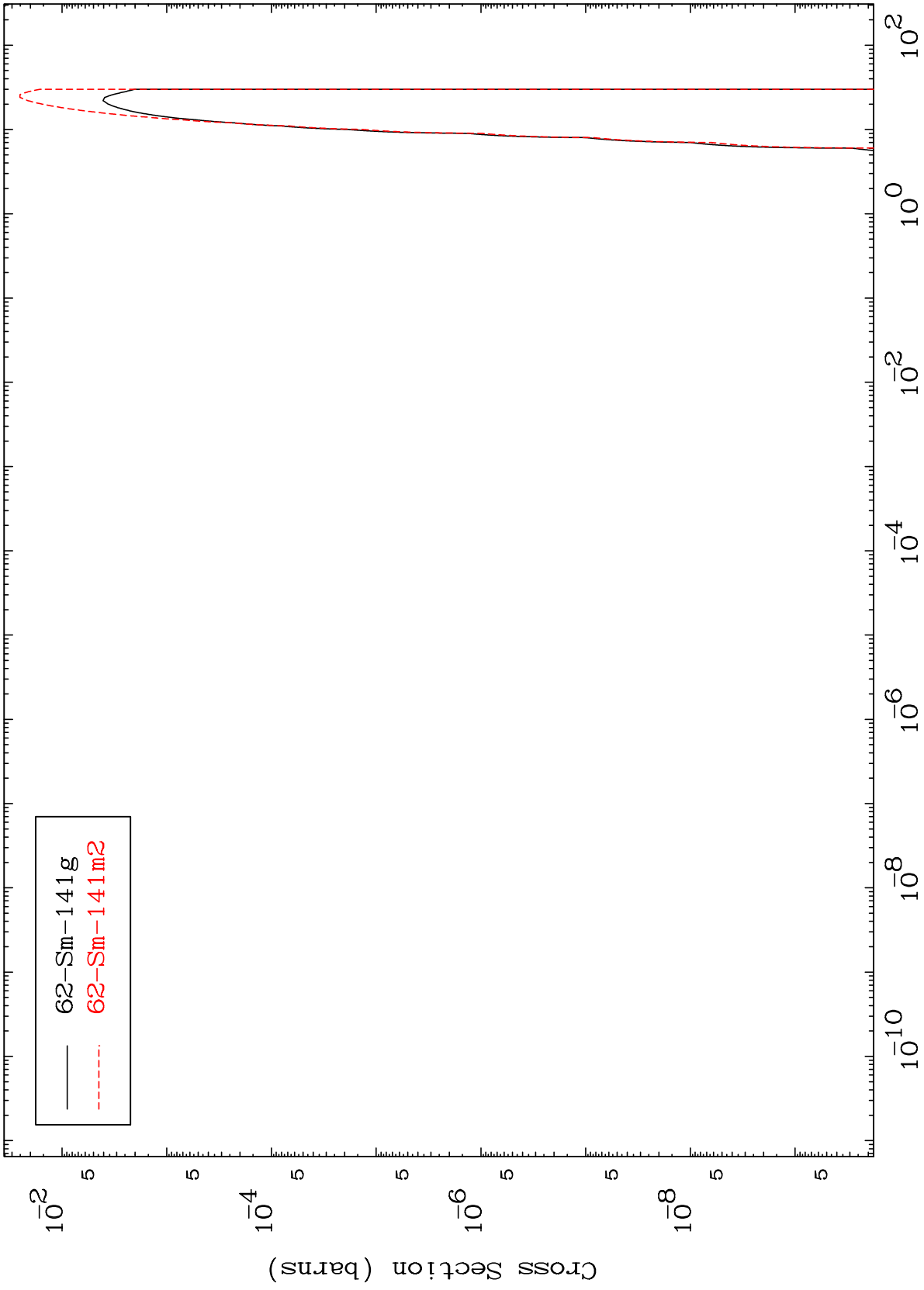
63-Eu-144

MAT 6304

(d,n') α

63-Eu-144

Radionuclide Production Cross Section

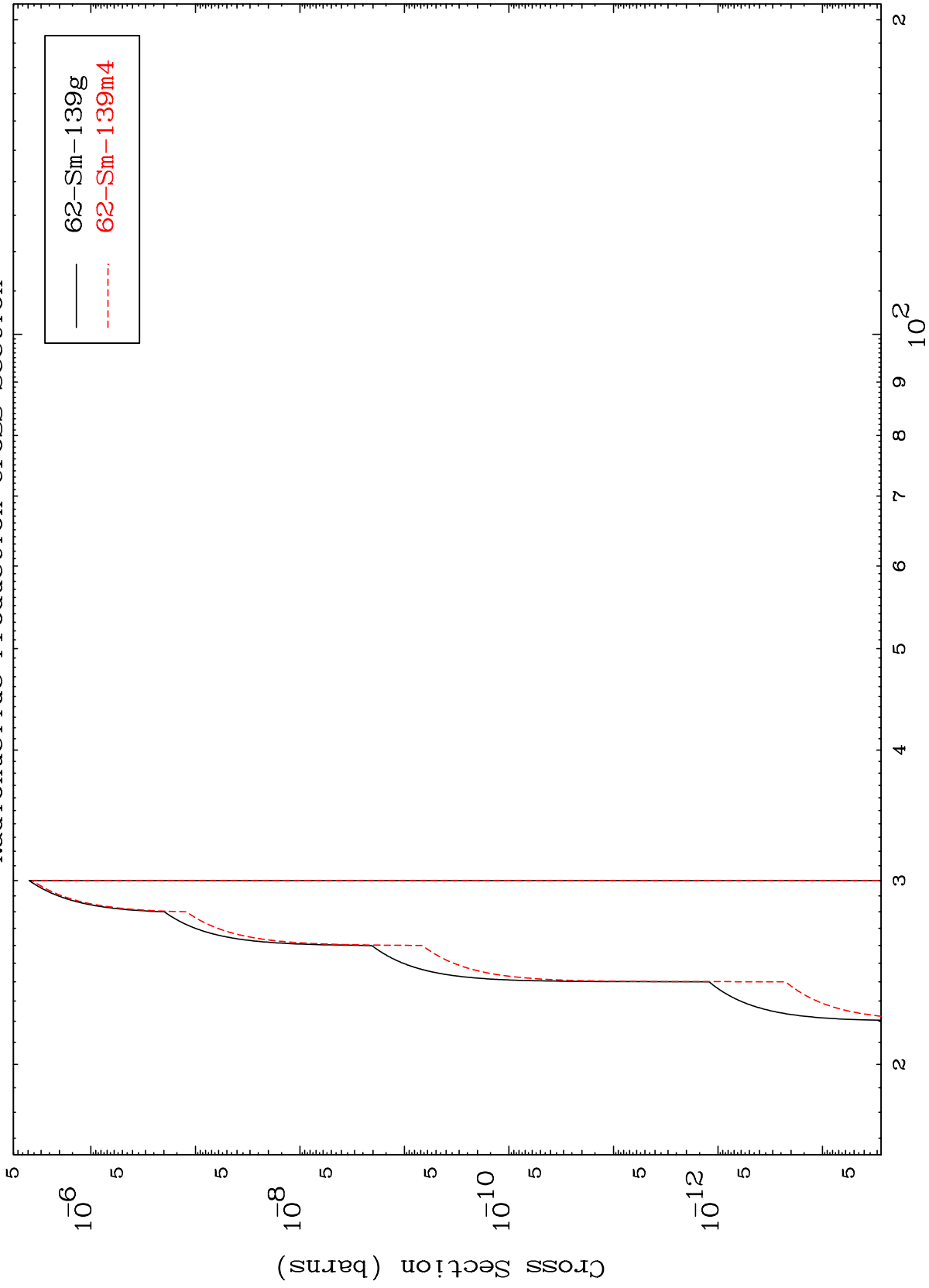


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(d,3n) α

63-Eu-144

Radionuclide Production Cross Section



16

Incident Energy (MeV)

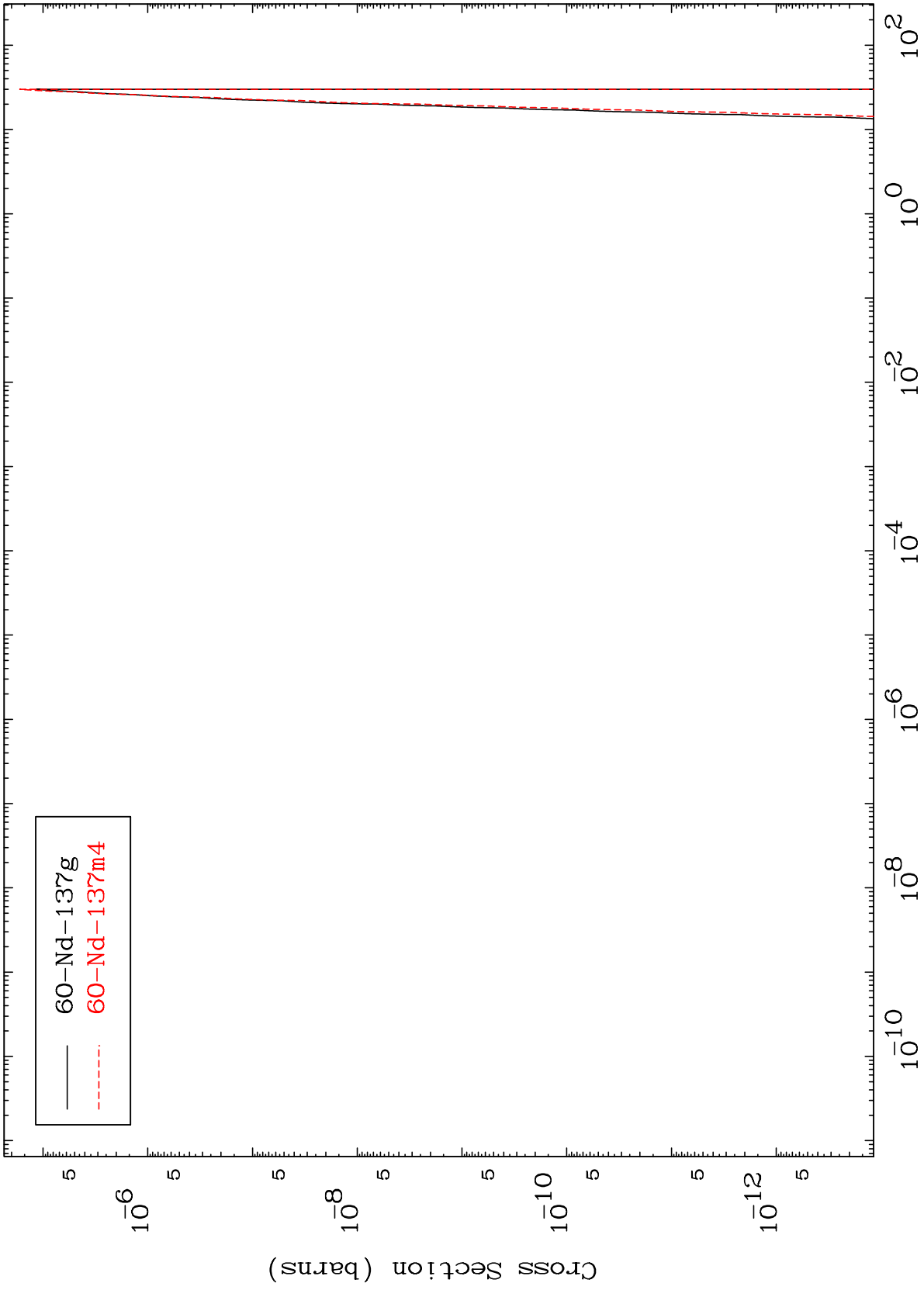
63-Eu-144

MAT 6304

(d,n') 2 α

63-Eu-144

Radionuclide Production Cross Section

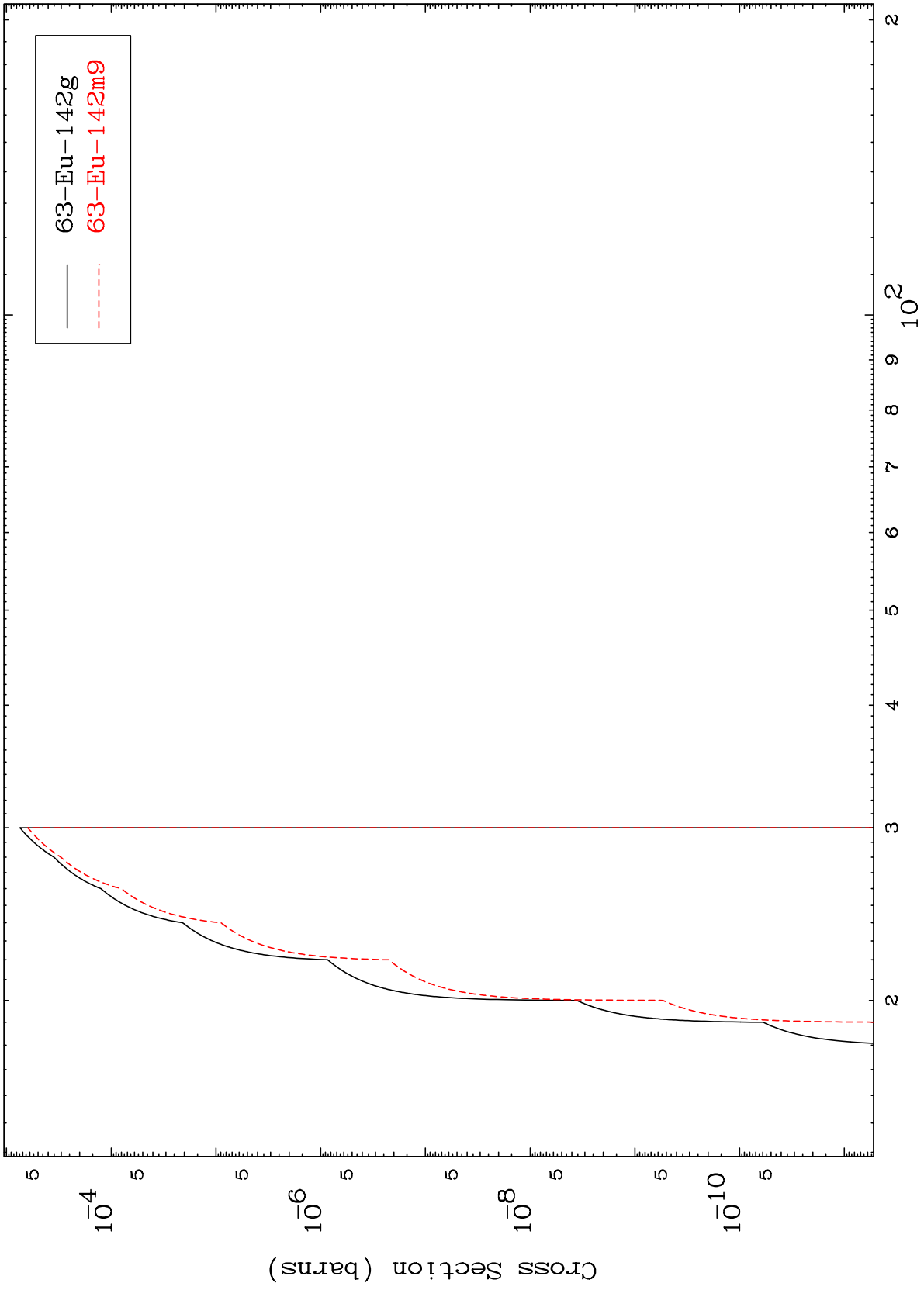


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(d,n') t

⁶³Eu-144

Radionuclide Production Cross Section



18

Incident Energy (MeV)

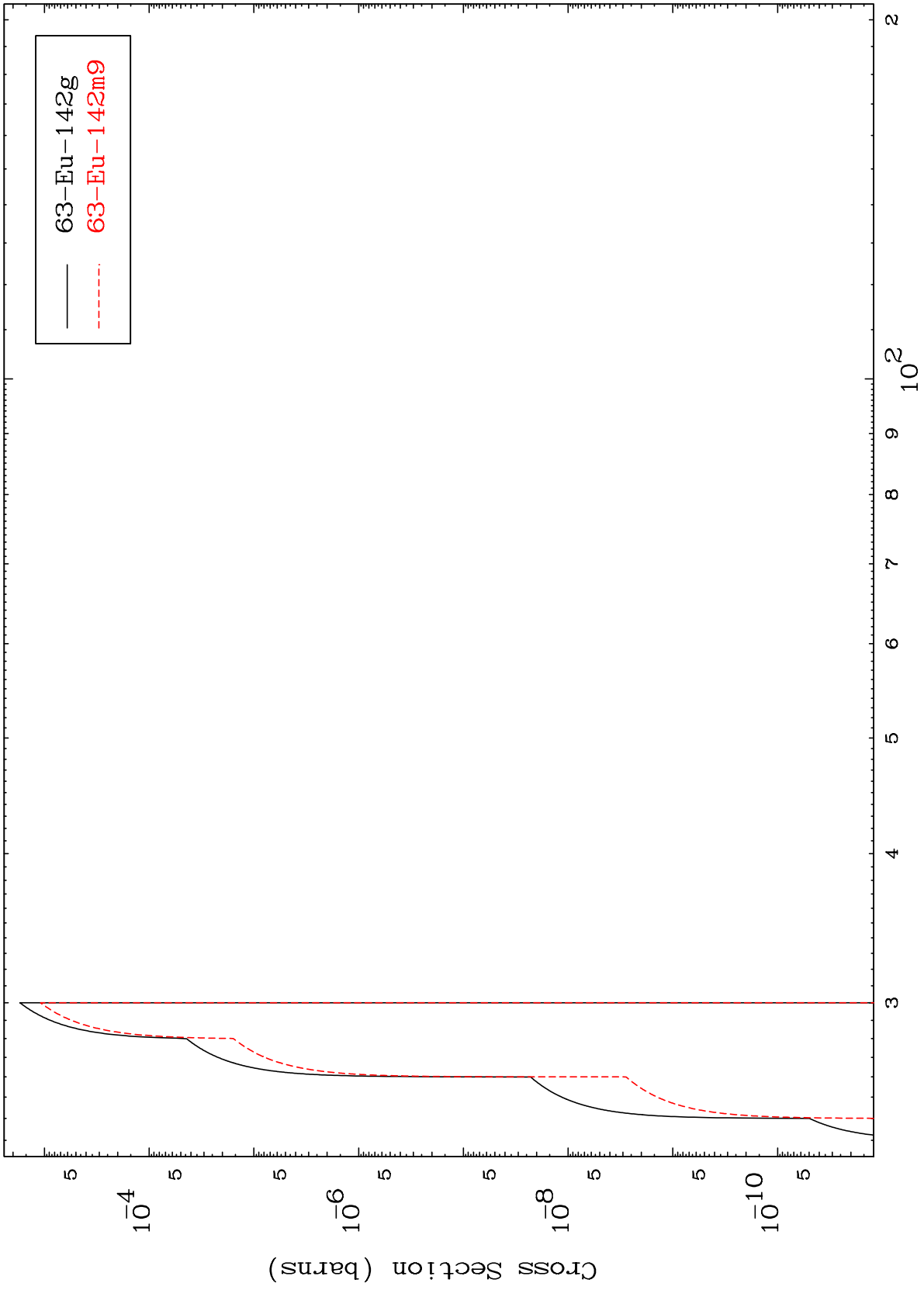
⁶³Eu-144

MAT 6304

(d,3n) p

63-Eu-144

Radionuclide Production Cross Section



19

Incident Energy (MeV)

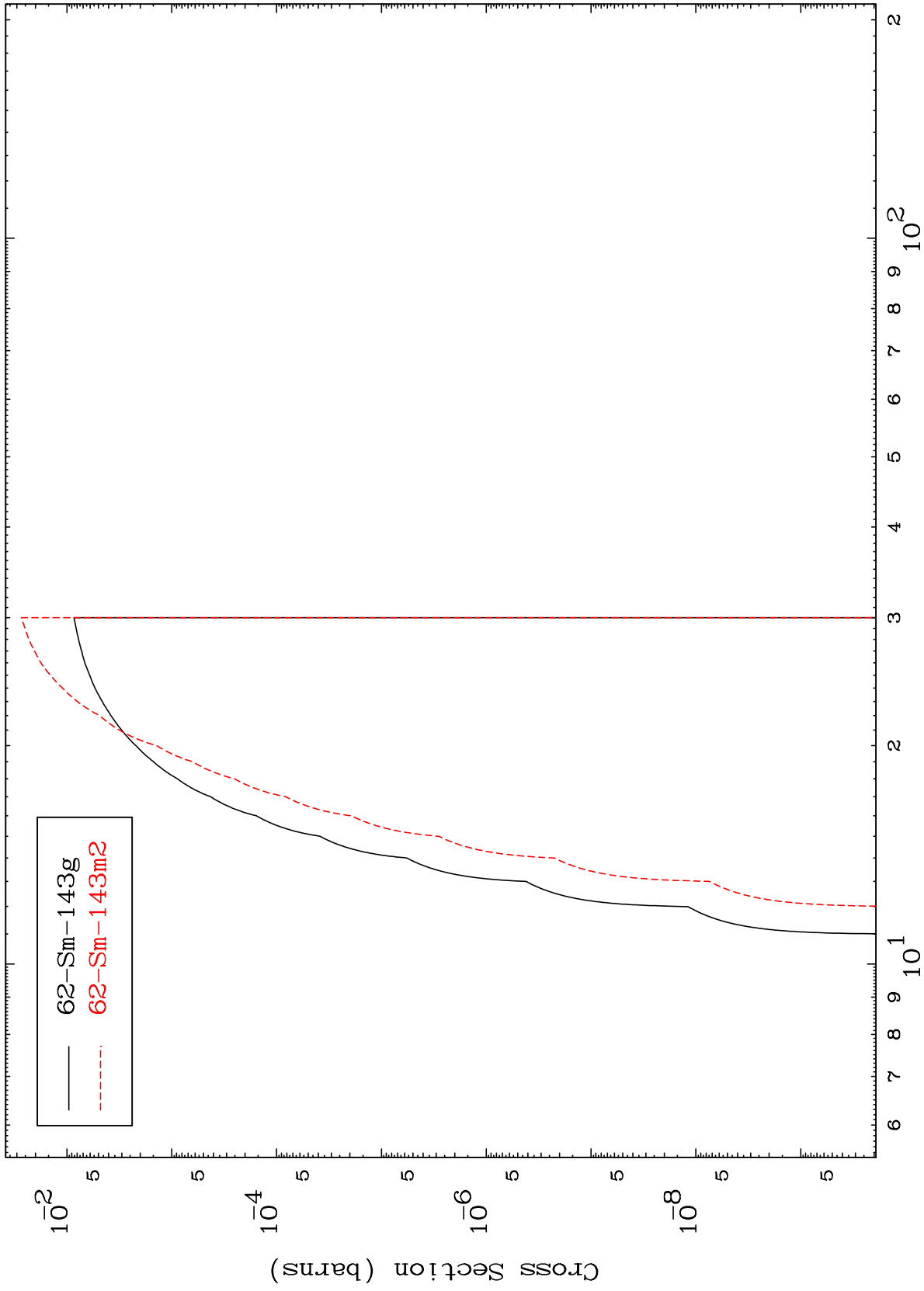
63-Eu-144

MAT 6304

(d,2n) p

63-Eu-144

Radionuclide Production Cross Section



20

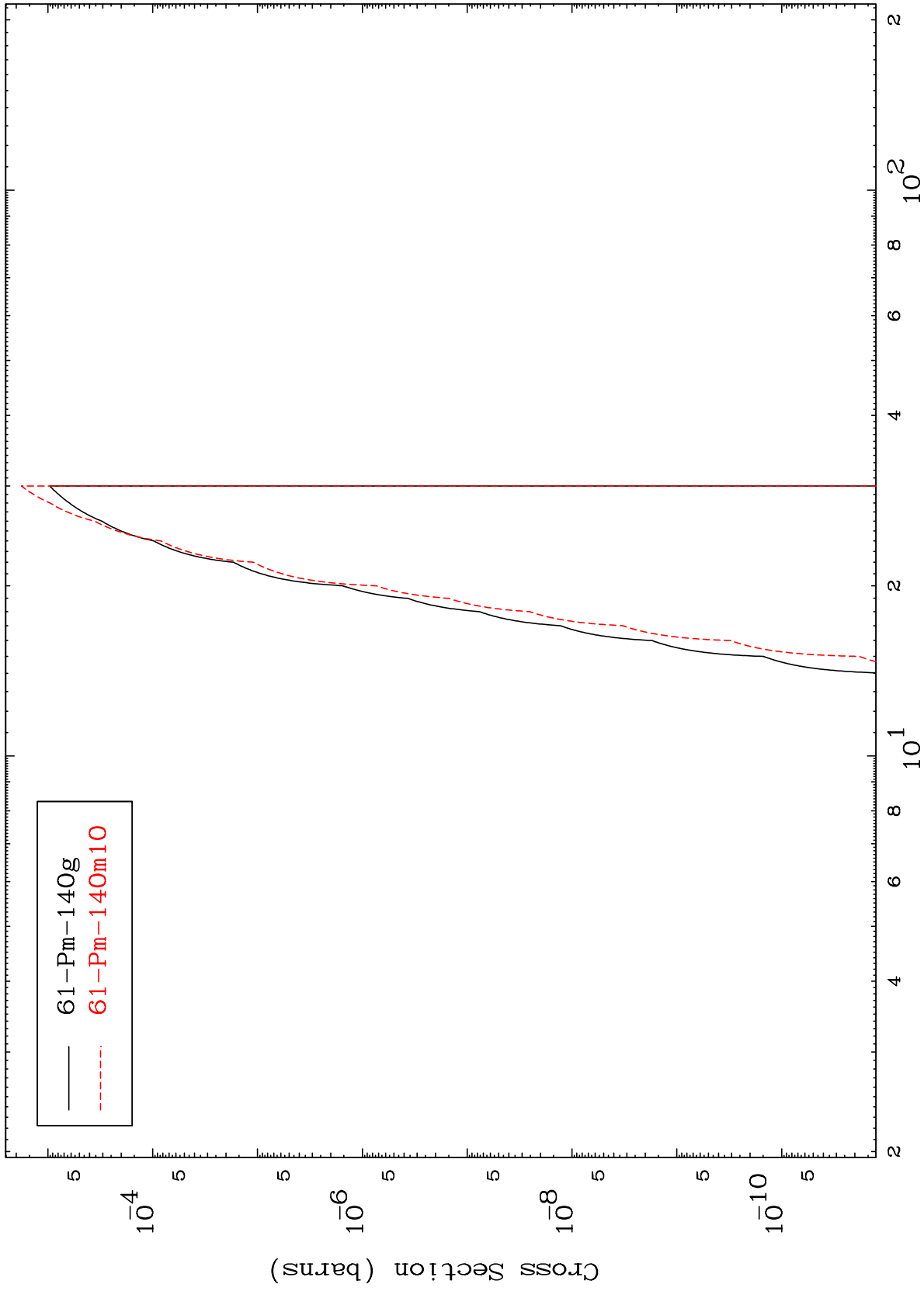
Incident Energy (MeV)

63-Eu-144

MAT 6304

63-Eu-144

(d,n') p α
Radionuclide Production Cross Section



21

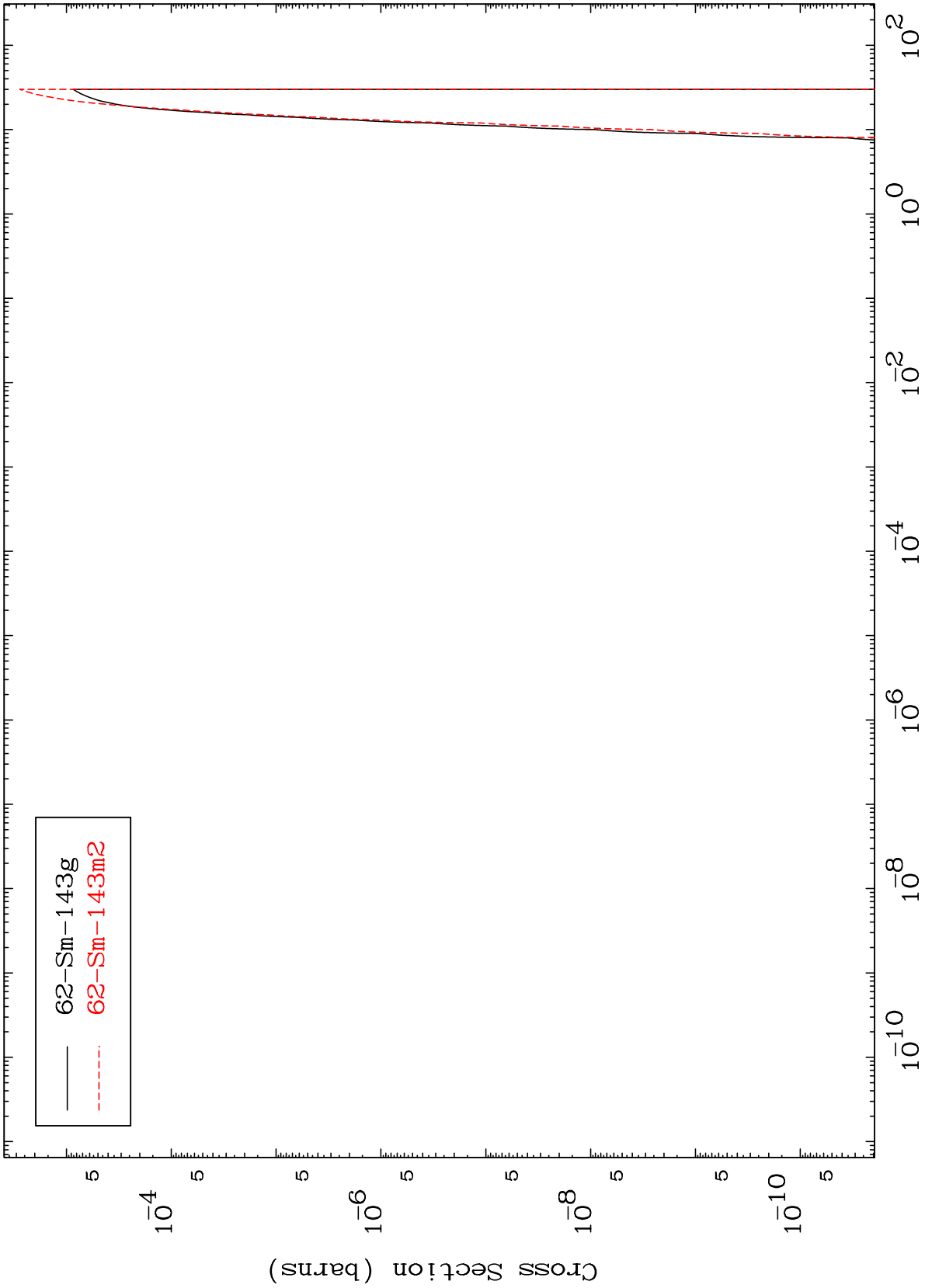
63-Eu-144

MAT 6304

(d, He-3)

63-Eu-144

Radionuclide Production Cross Section



22

Incident Energy (MeV)

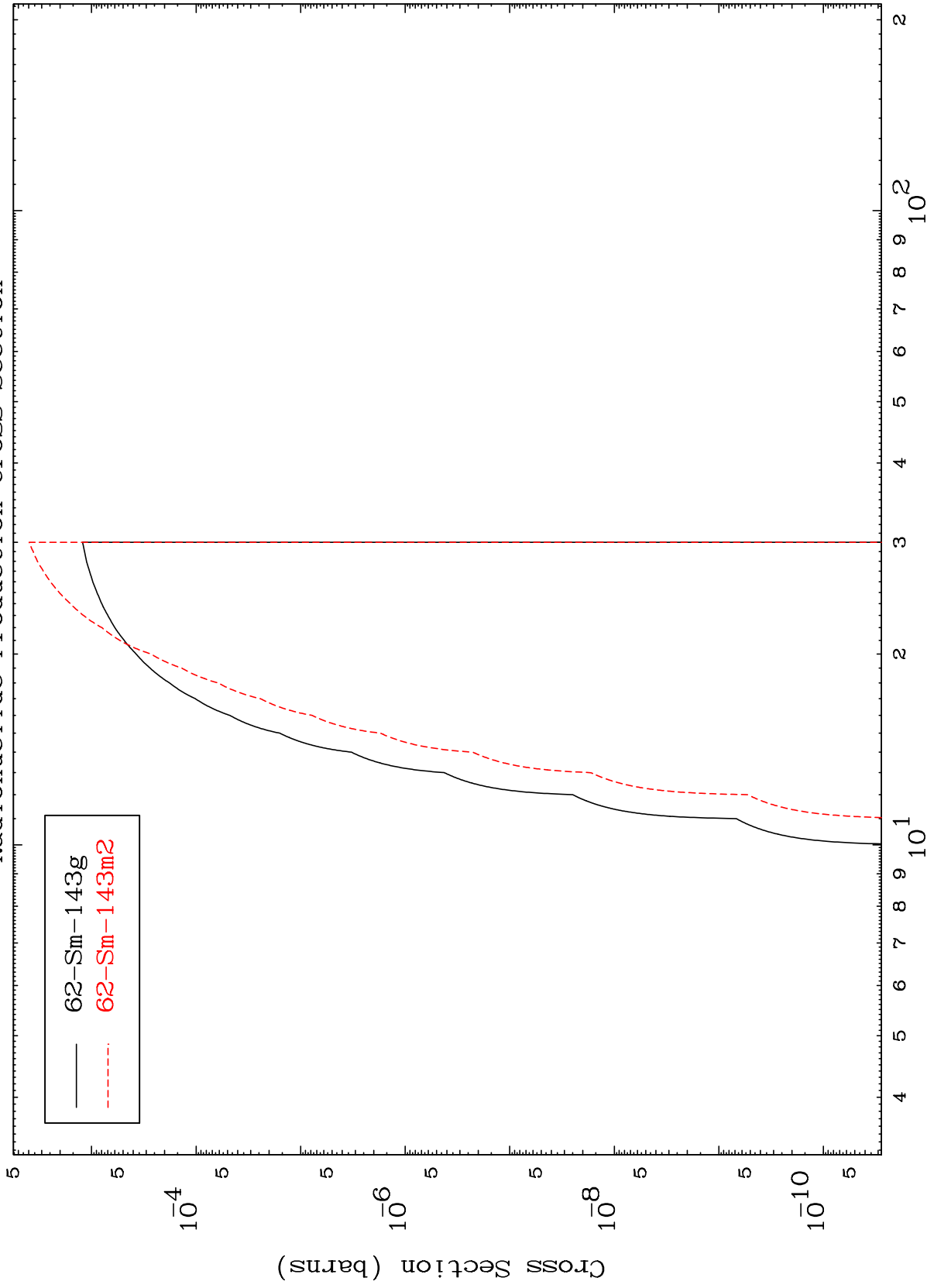
63-Eu-144

MAT 6304

(d,p) d

63-Eu-144

Radionuclide Production Cross Section



23

Incident Energy (MeV)

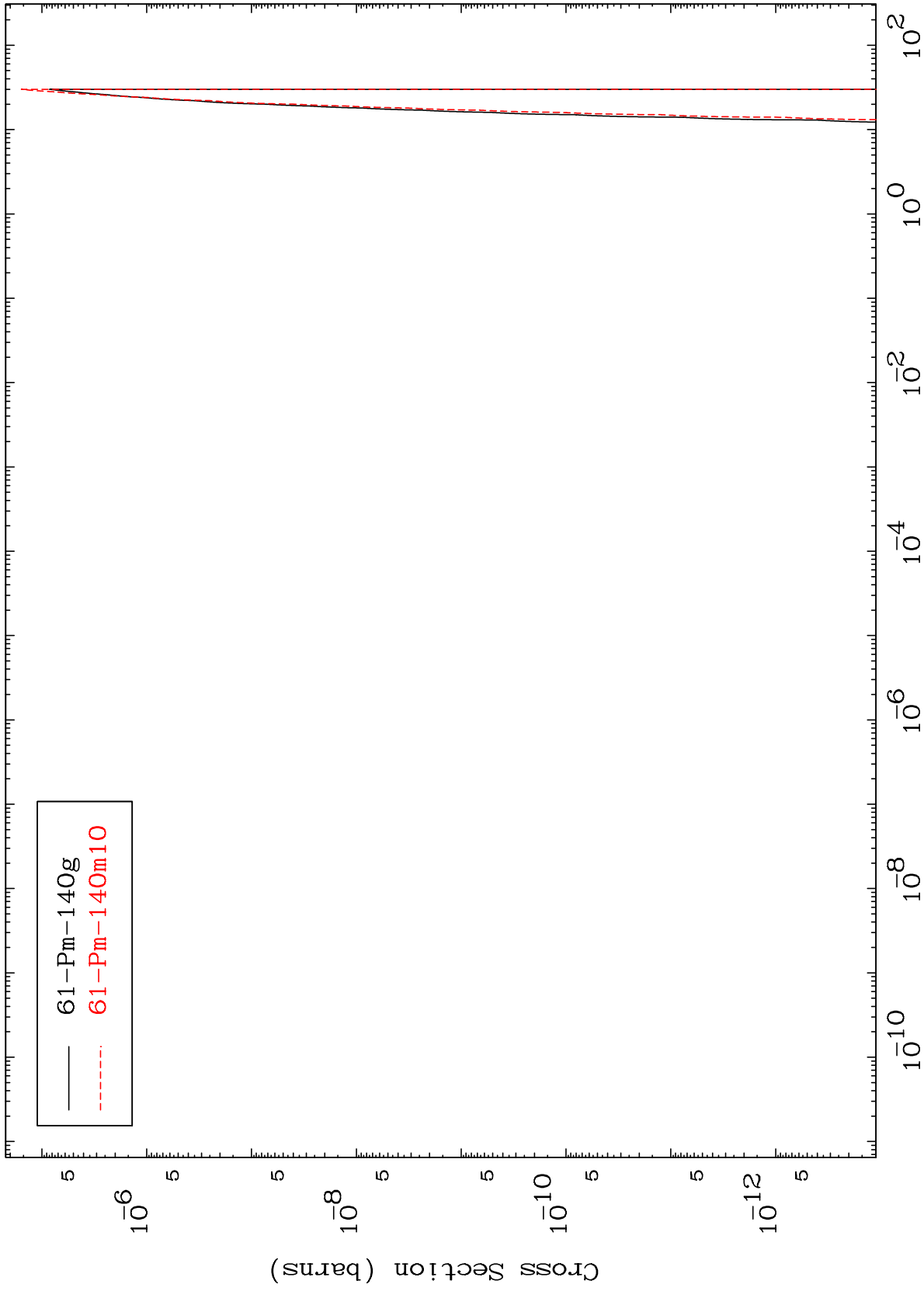
63-Eu-144

MAT 6304

(d,d) α

63-Eu-144

Radionuclide Production Cross Section



24

Incident Energy (MeV)

63-Eu-144