

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

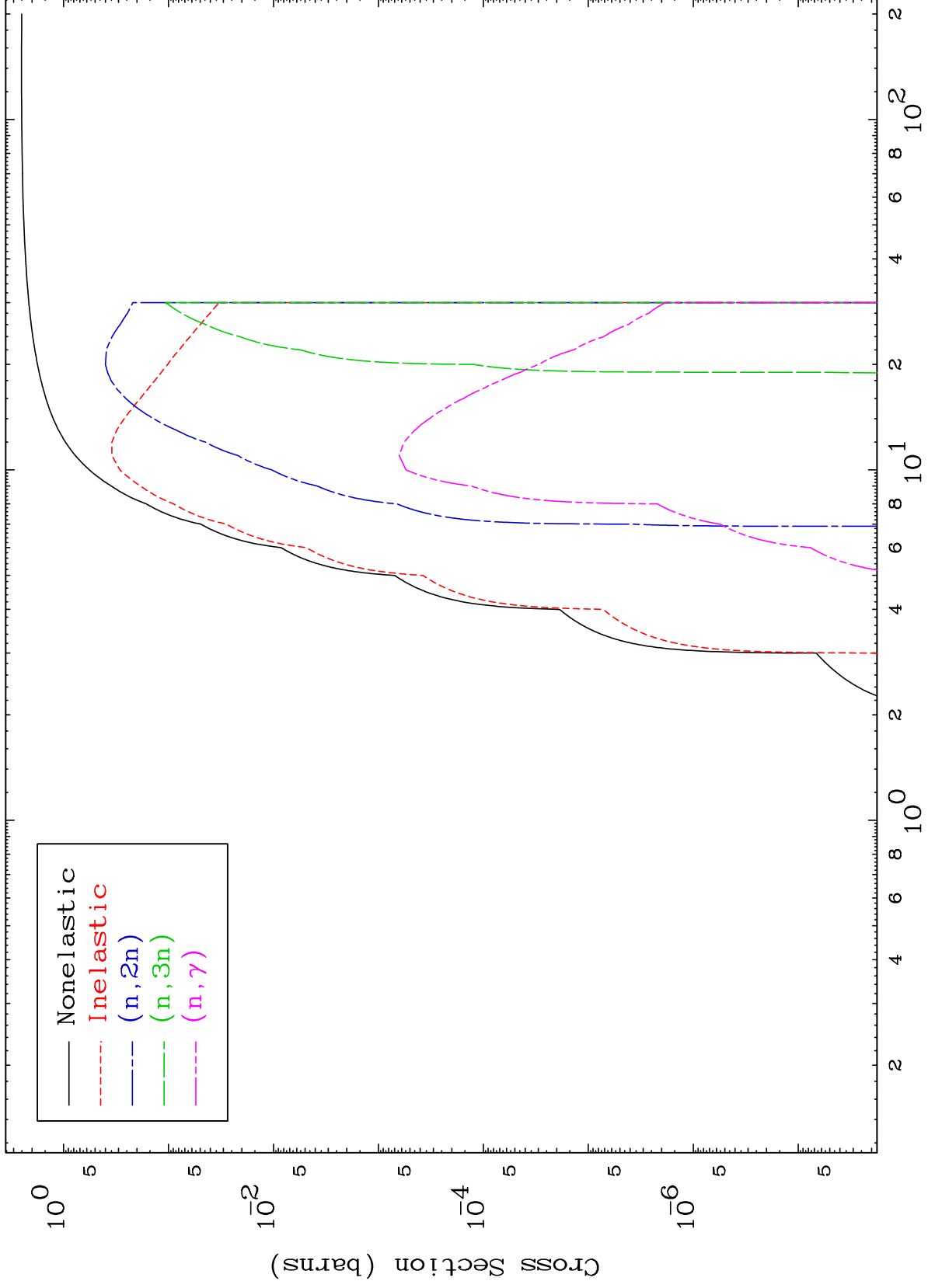
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6299

Deuteron Major
0 Kelvin Cross Sections

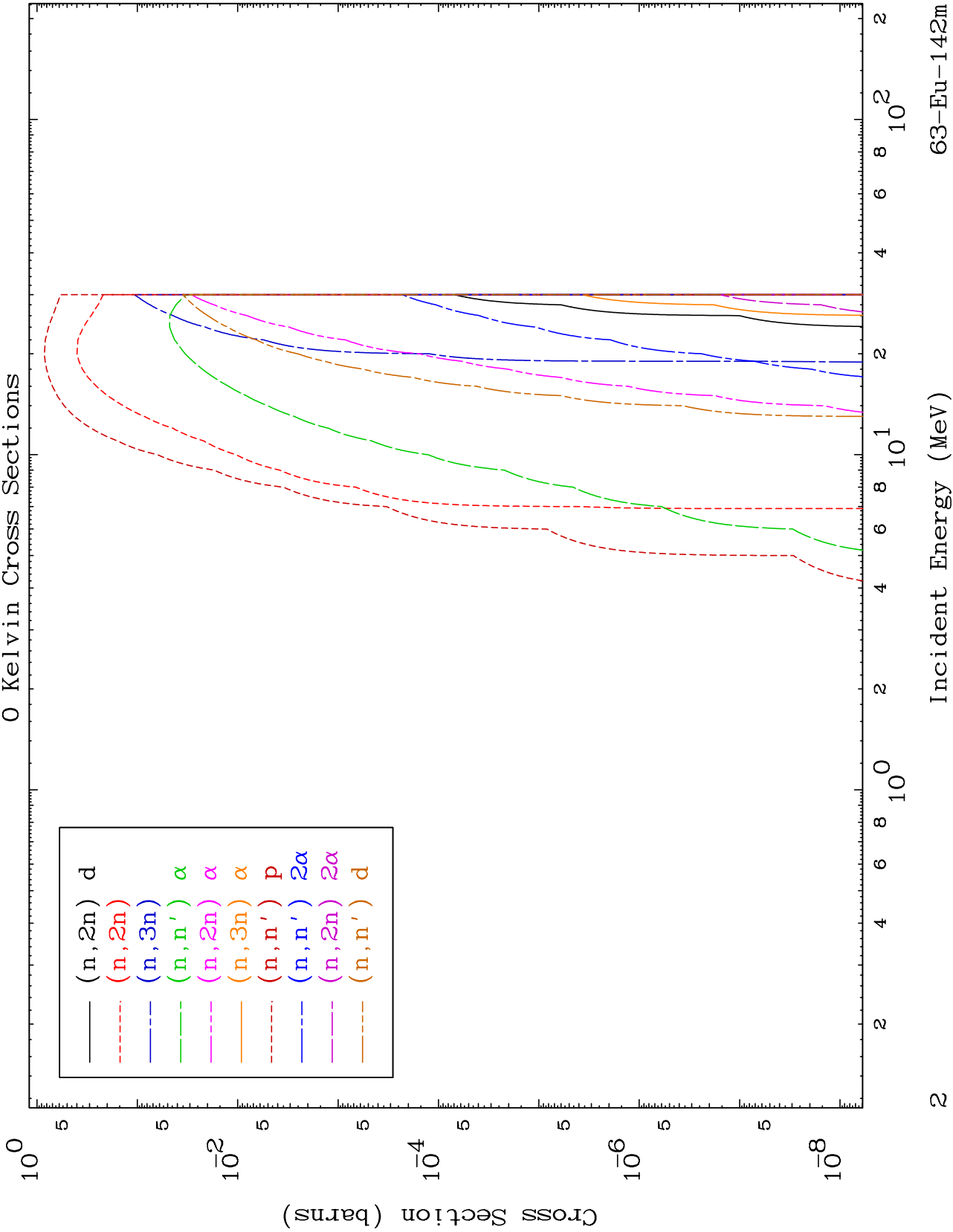
63-Eu-142m

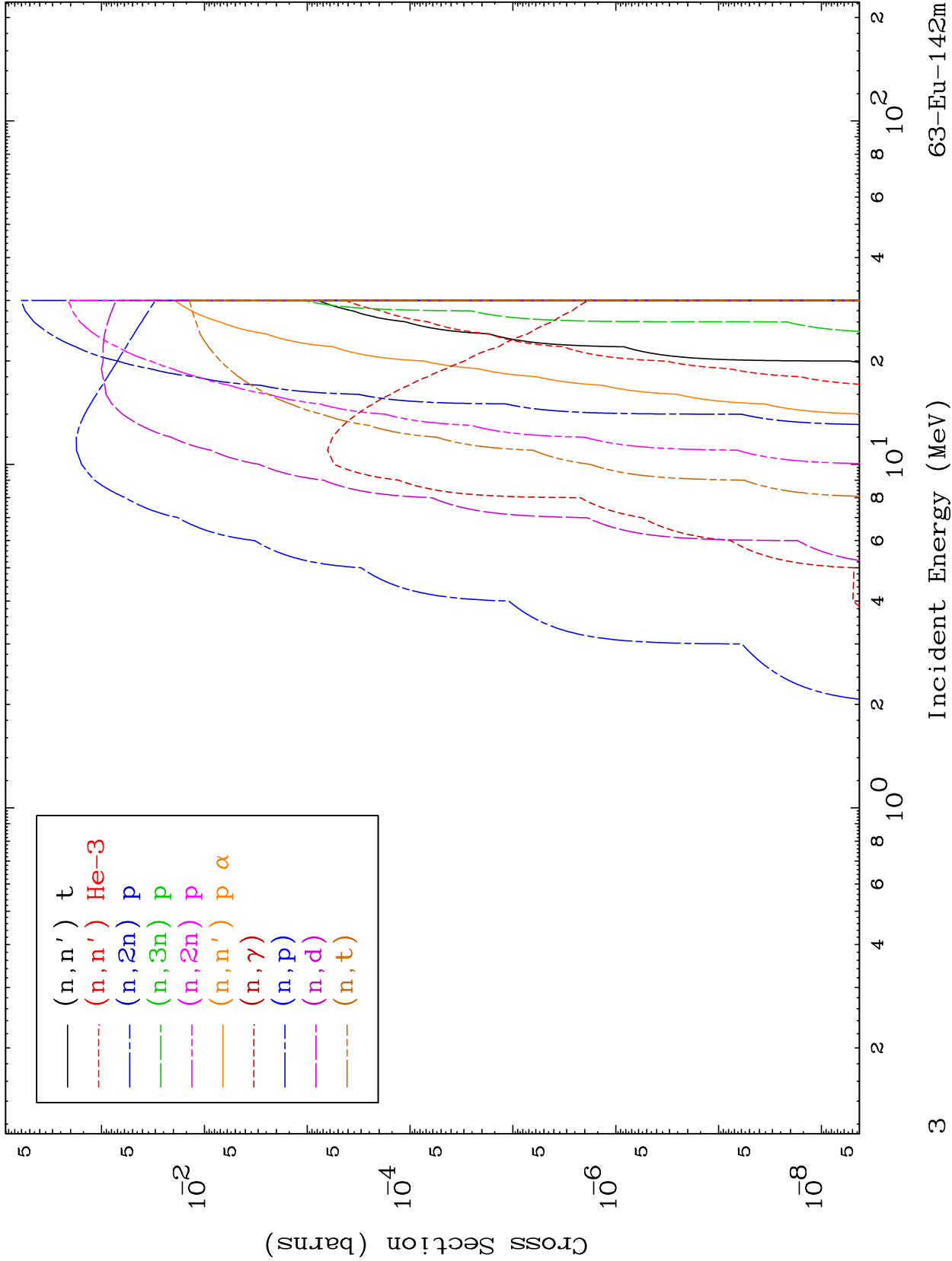


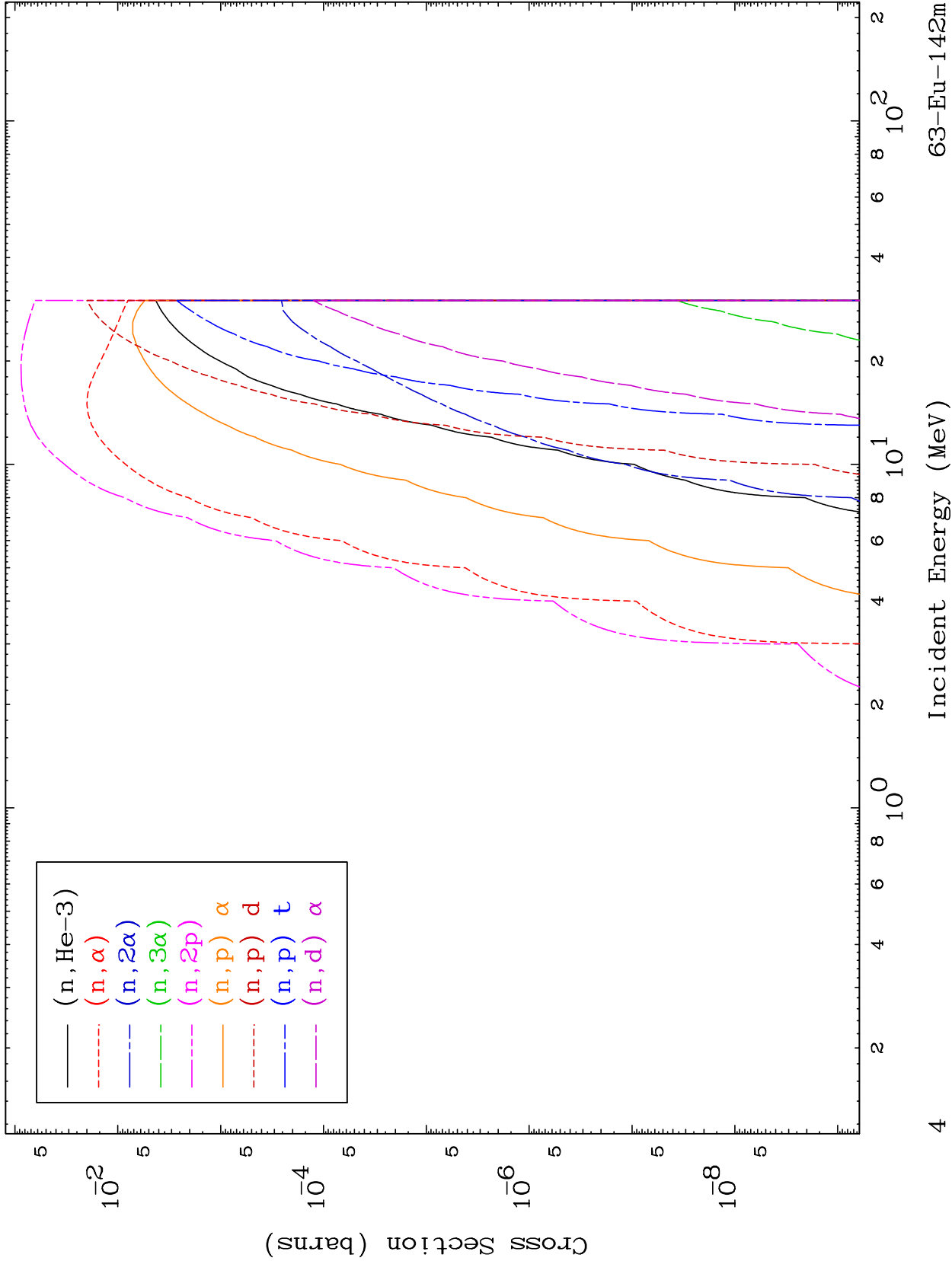
MAT 6299

Deuteron Neutron Absorption
0 Kelvin Cross Sections

63-Eu-142m



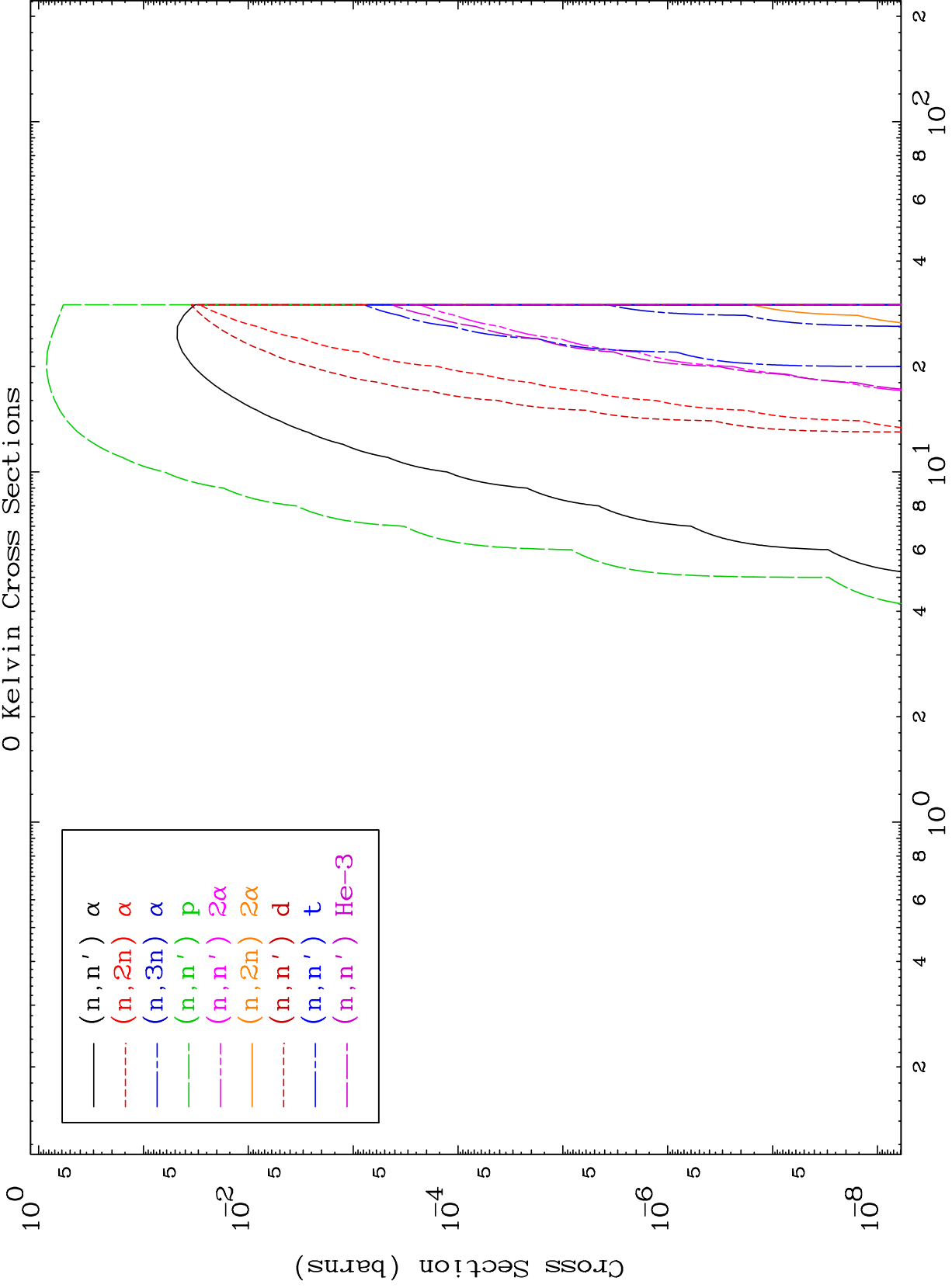




MAT 6299

Deuteron Charged Particle
0 Kelvin Cross Sections

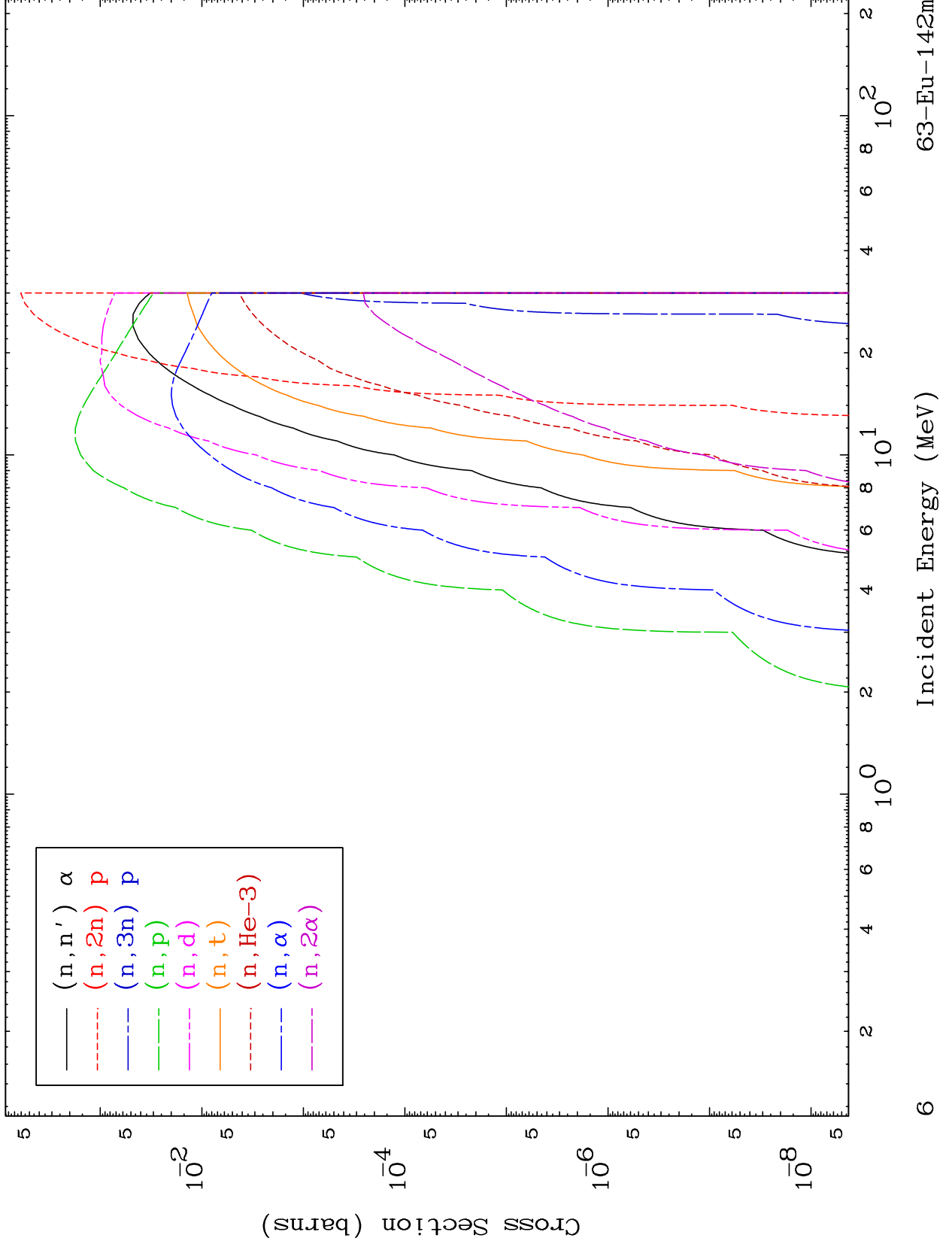
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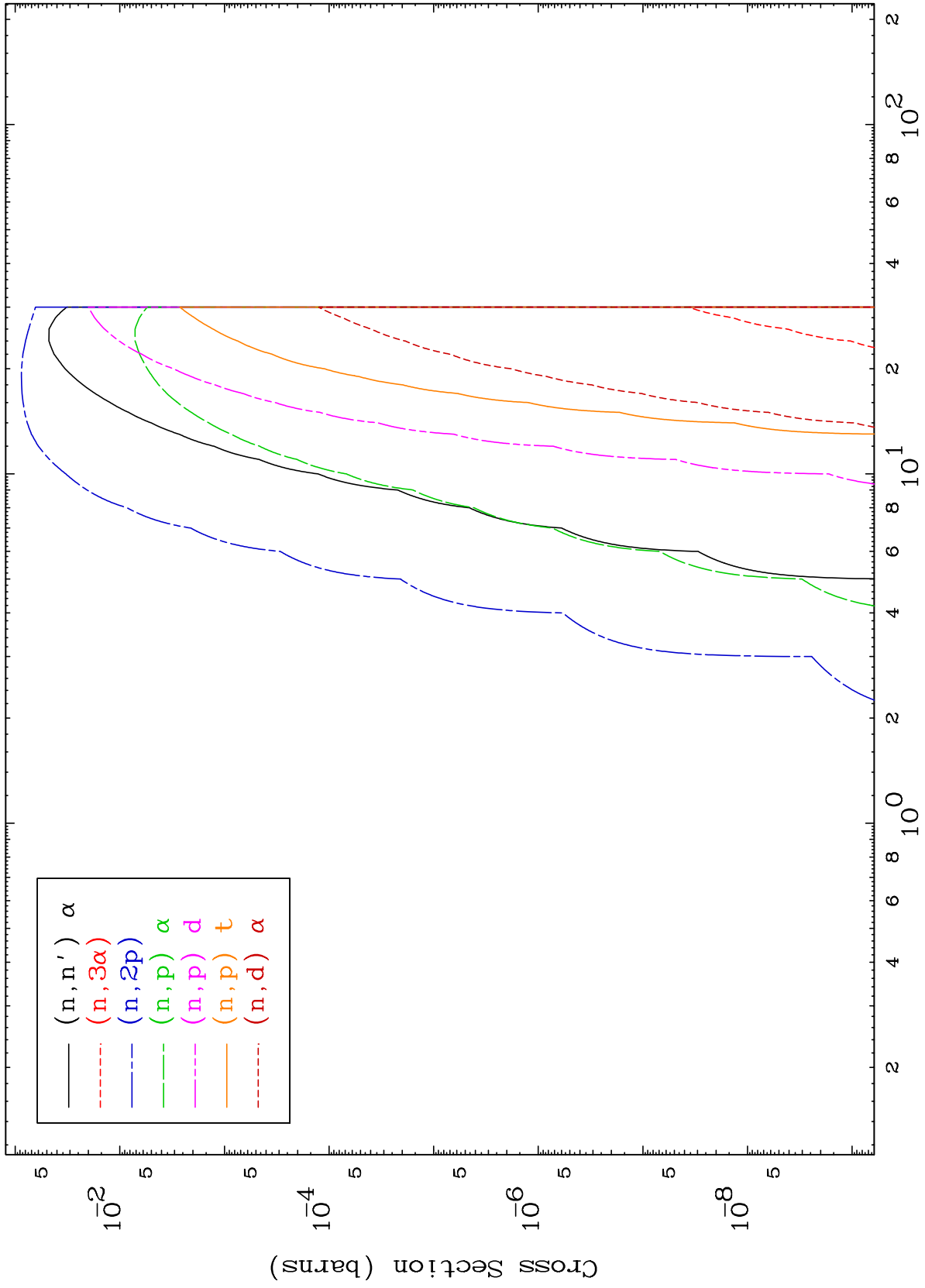


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Deuteron Charged Particle
0 Kelvin Cross Sections

63-Eu-142m



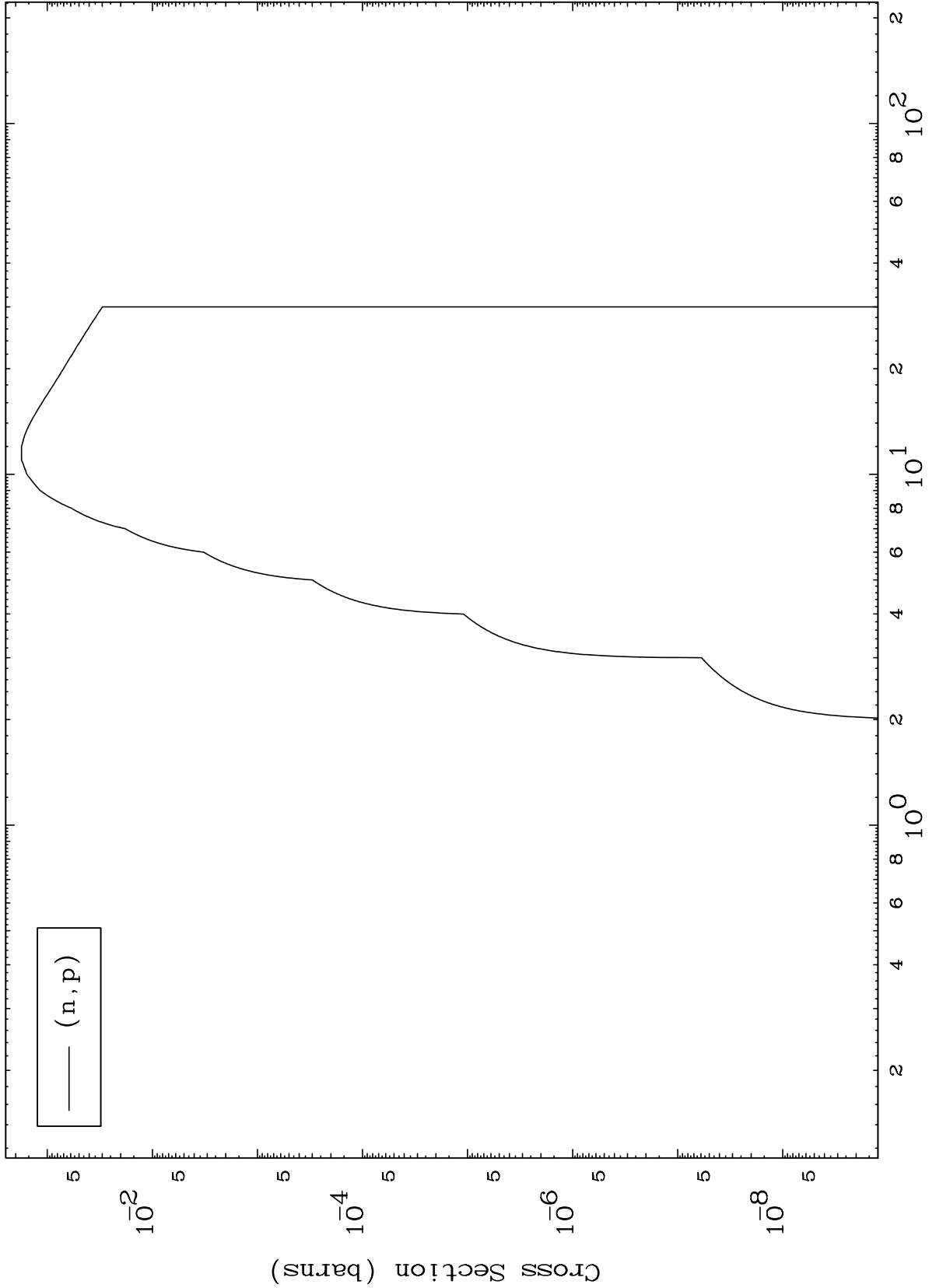


MAT 6299

(d,p) Levels

63-Eu-142m

0 Kelvin Cross Sections



(n,p)

Incident Energy (MeV)

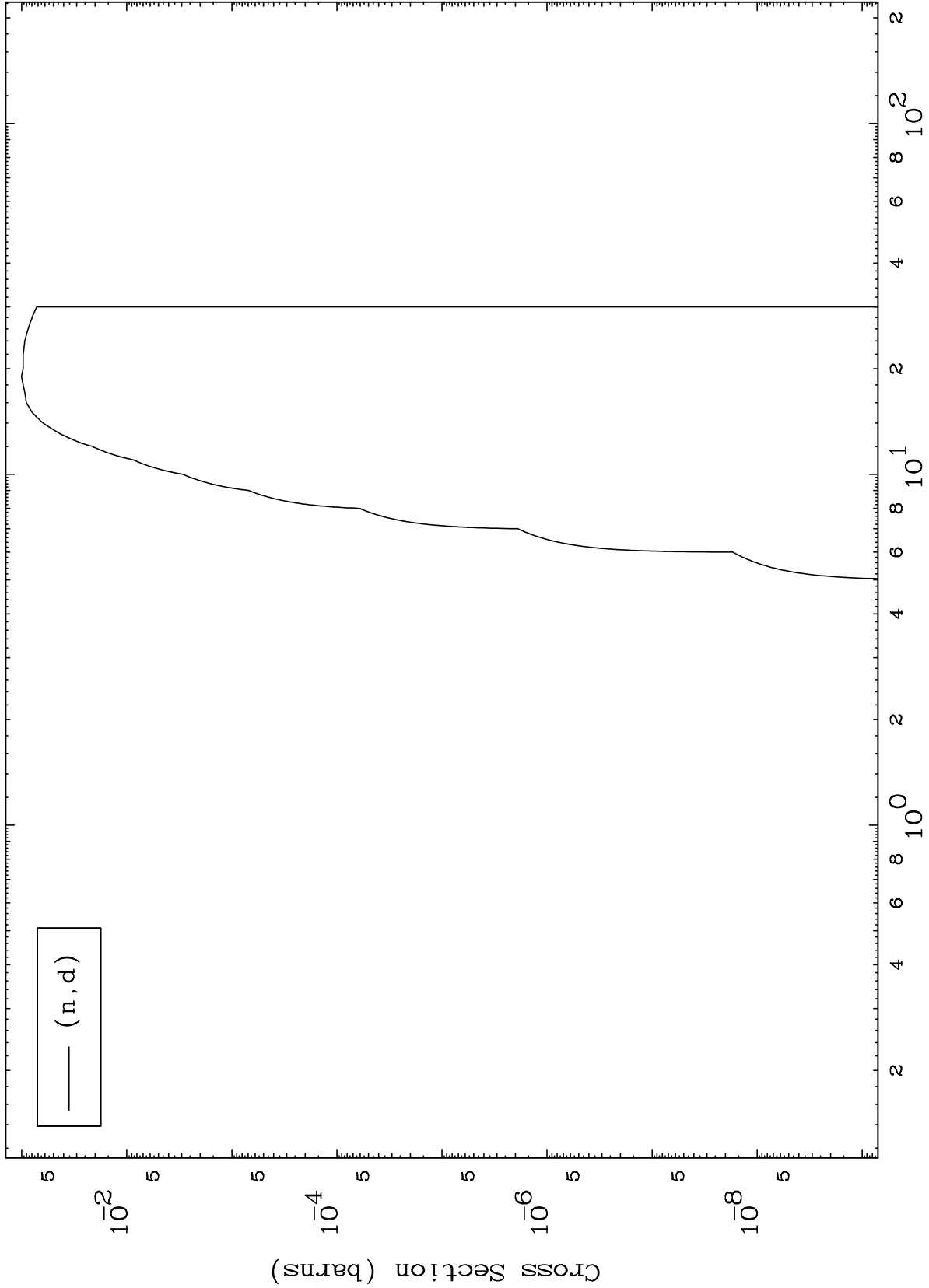
63-Eu-142m

MAT 6299

(d,d) Levels

0 Kelvin Cross Sections

63-Eu-142m

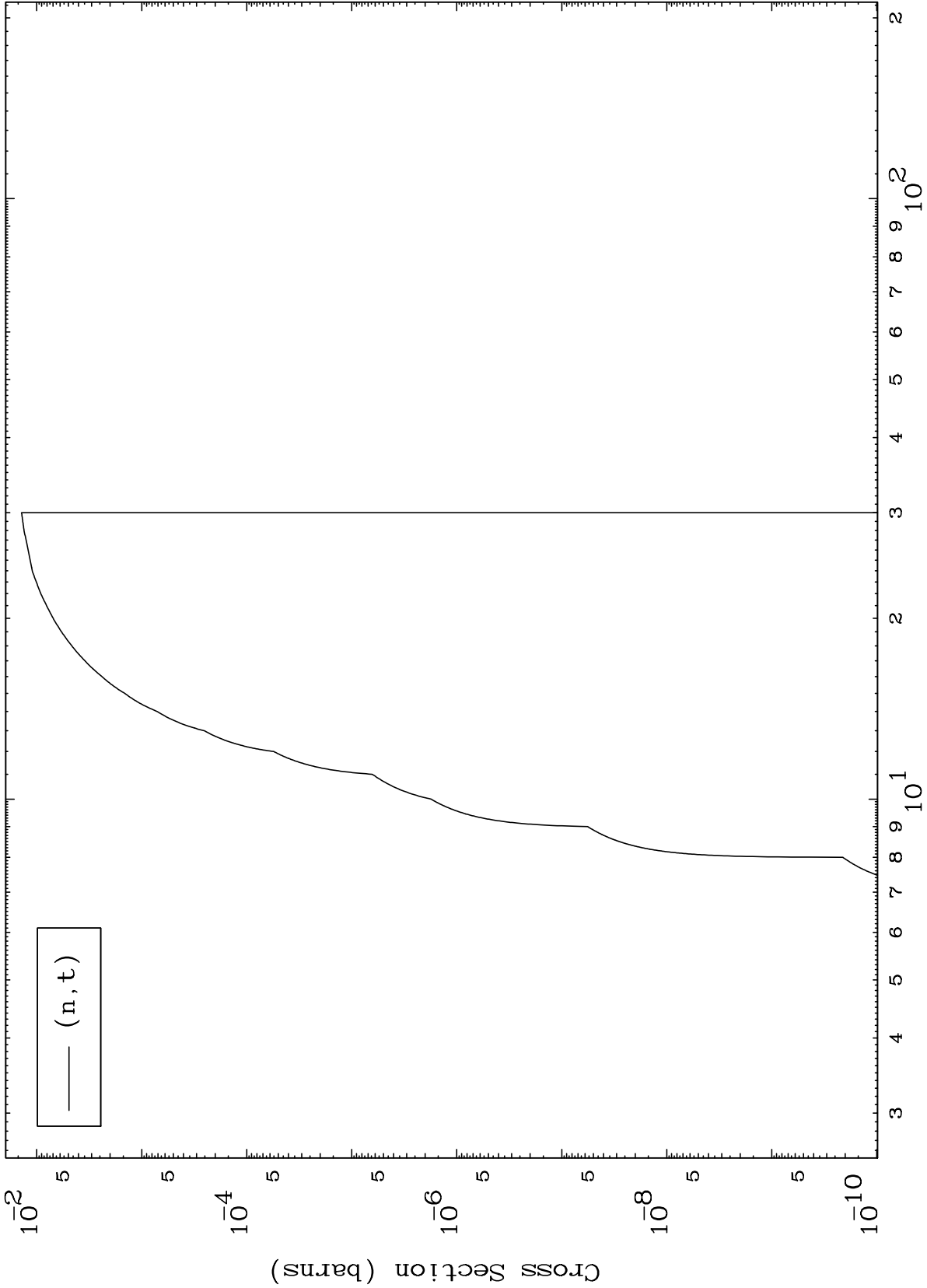


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(d, t) Levels

63-Eu-142m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

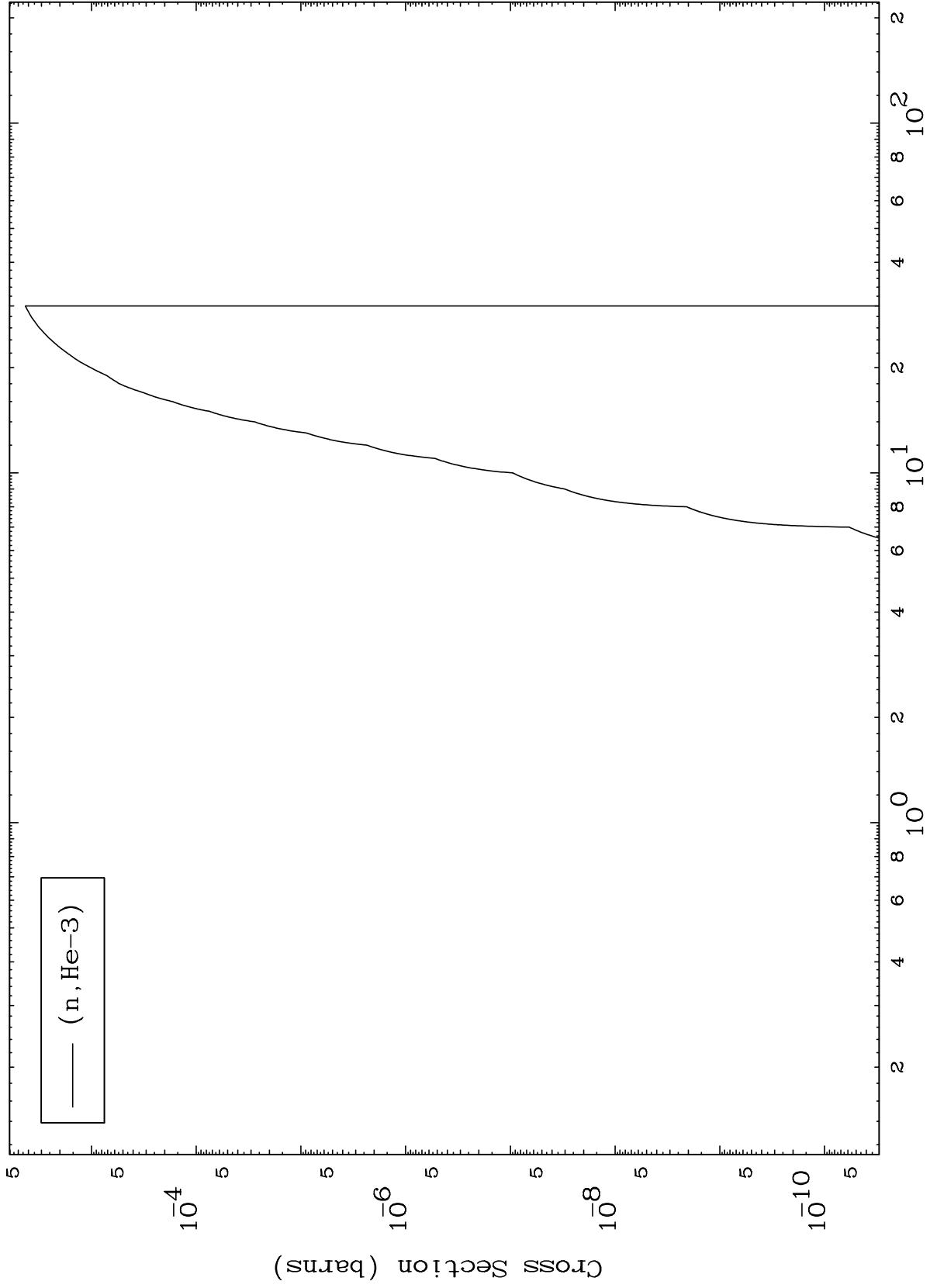
63-Eu-142m

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(d,He3) Levels

63-Eu-142m

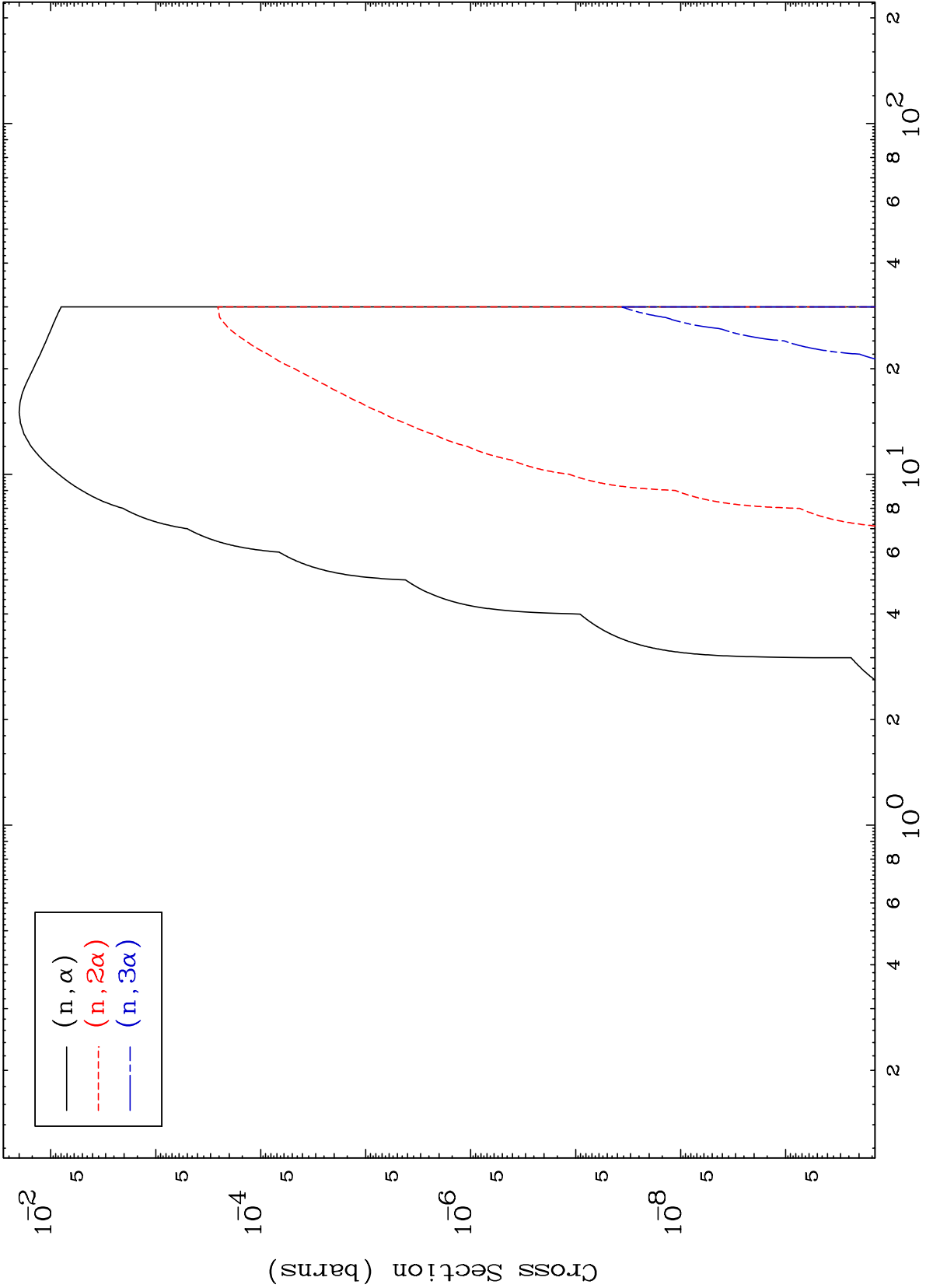
0 Kelvin Cross Sections



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(d, α) Levels
0 Kelvin Cross Sections

63-Eu-142m



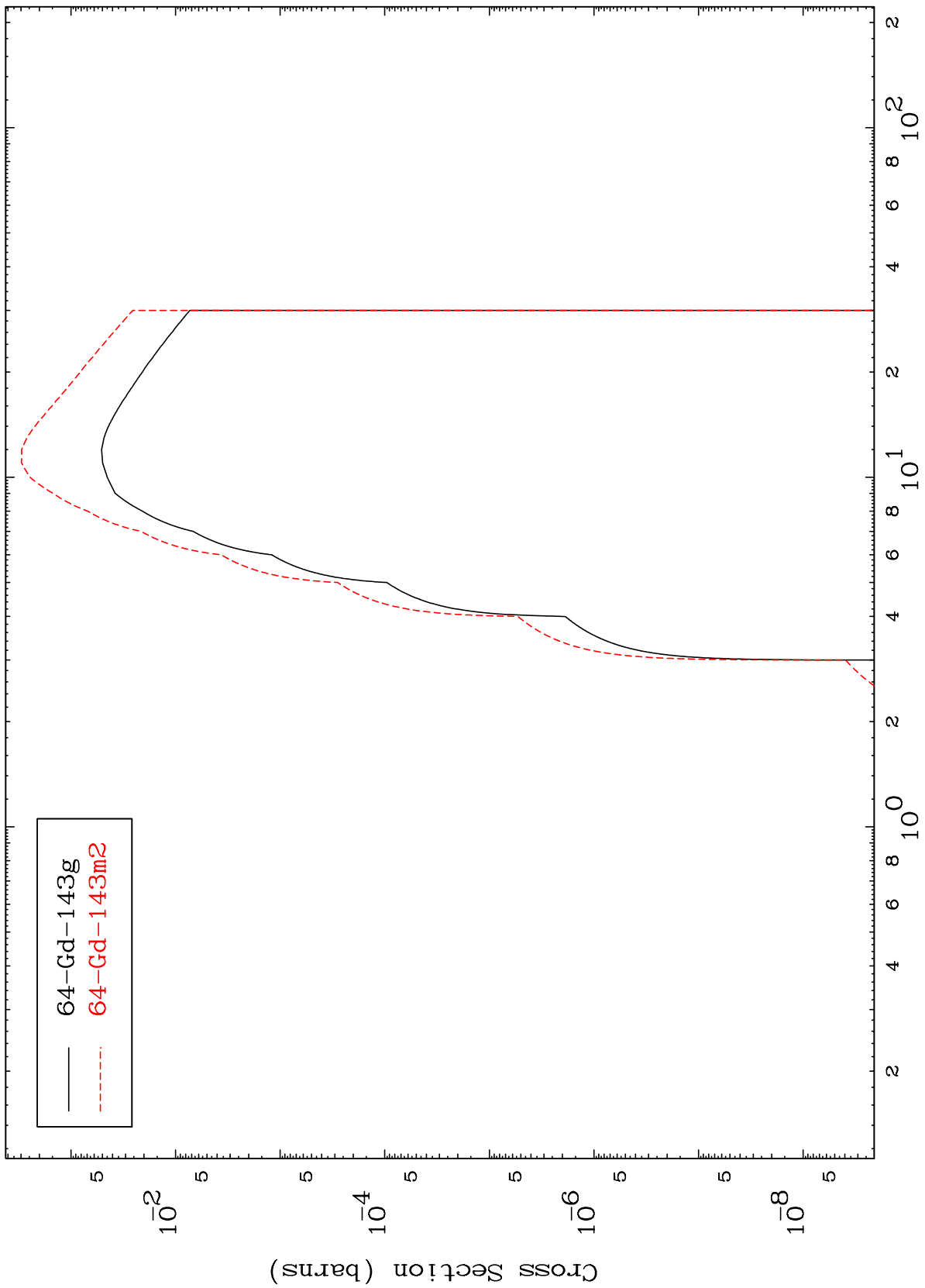
12

63-Eu-142m

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63-Eu-142m

Inelastic
Radionuclide Production Cross Section



63-Eu-142m

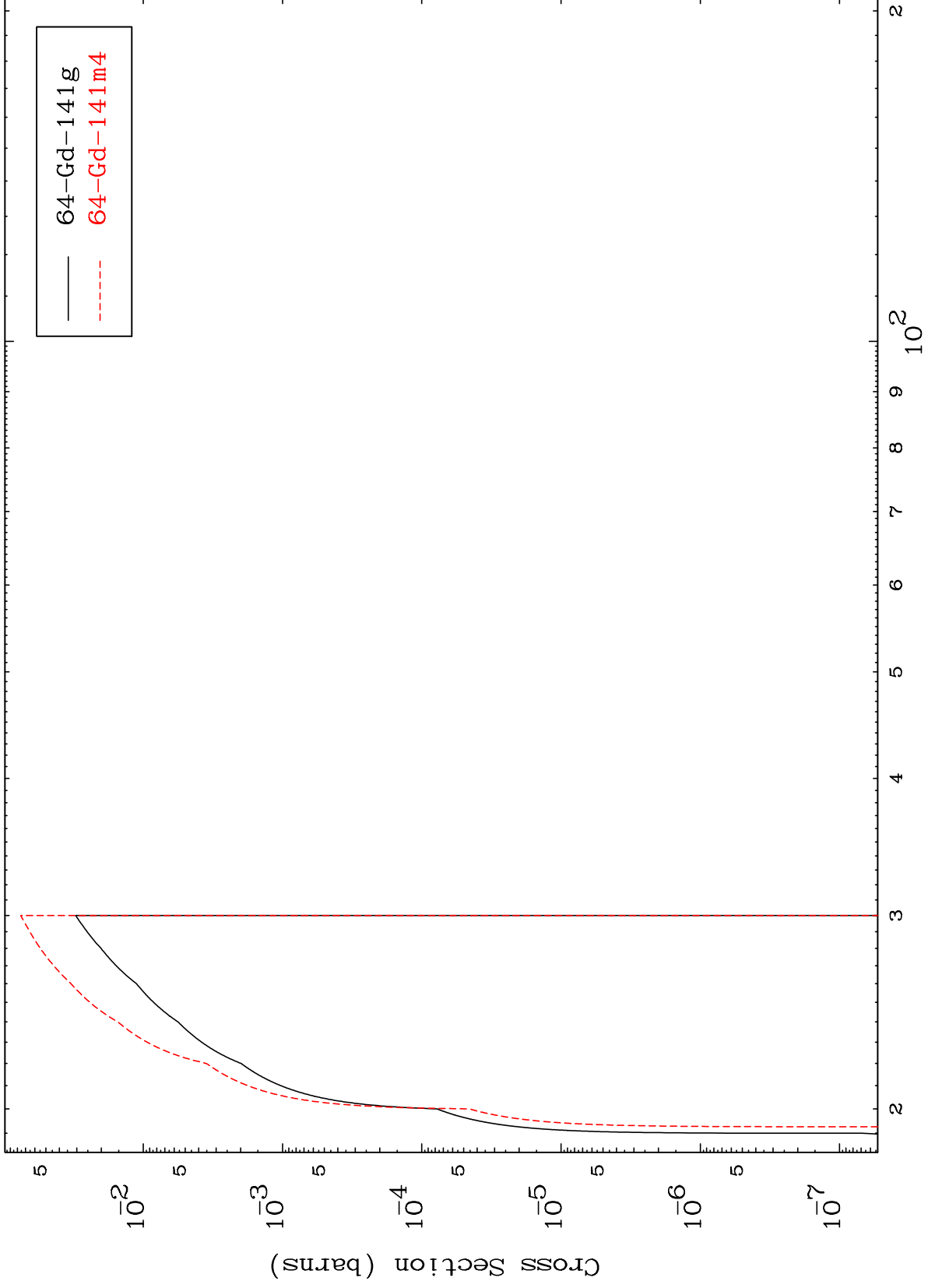
Incident Energy (MeV)

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(n,3n)

63-Eu-142m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

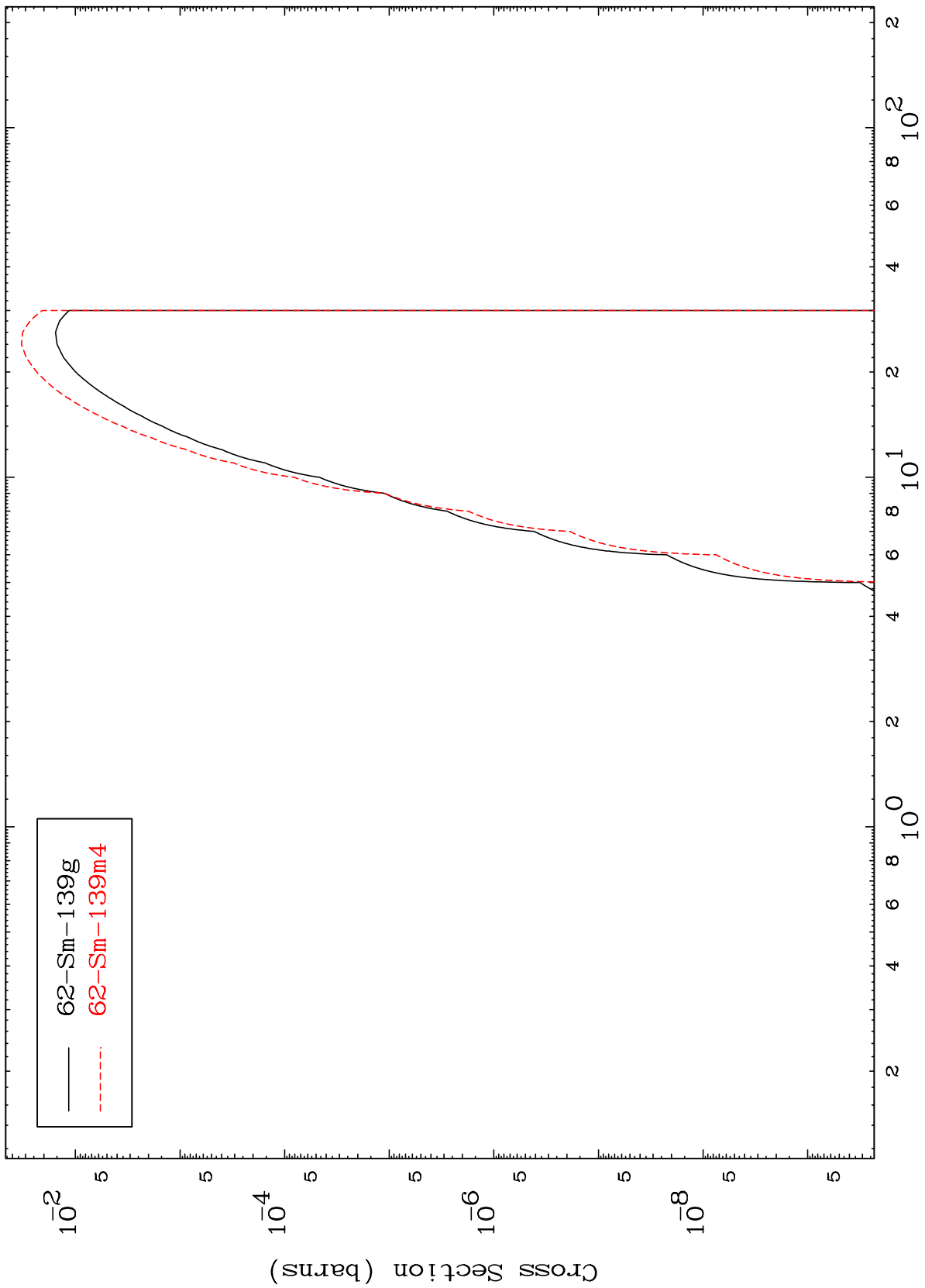
63-Eu-142m

MAT 6299

$(n, n') \alpha$

63-Eu-142m

Radionuclide Production Cross Section

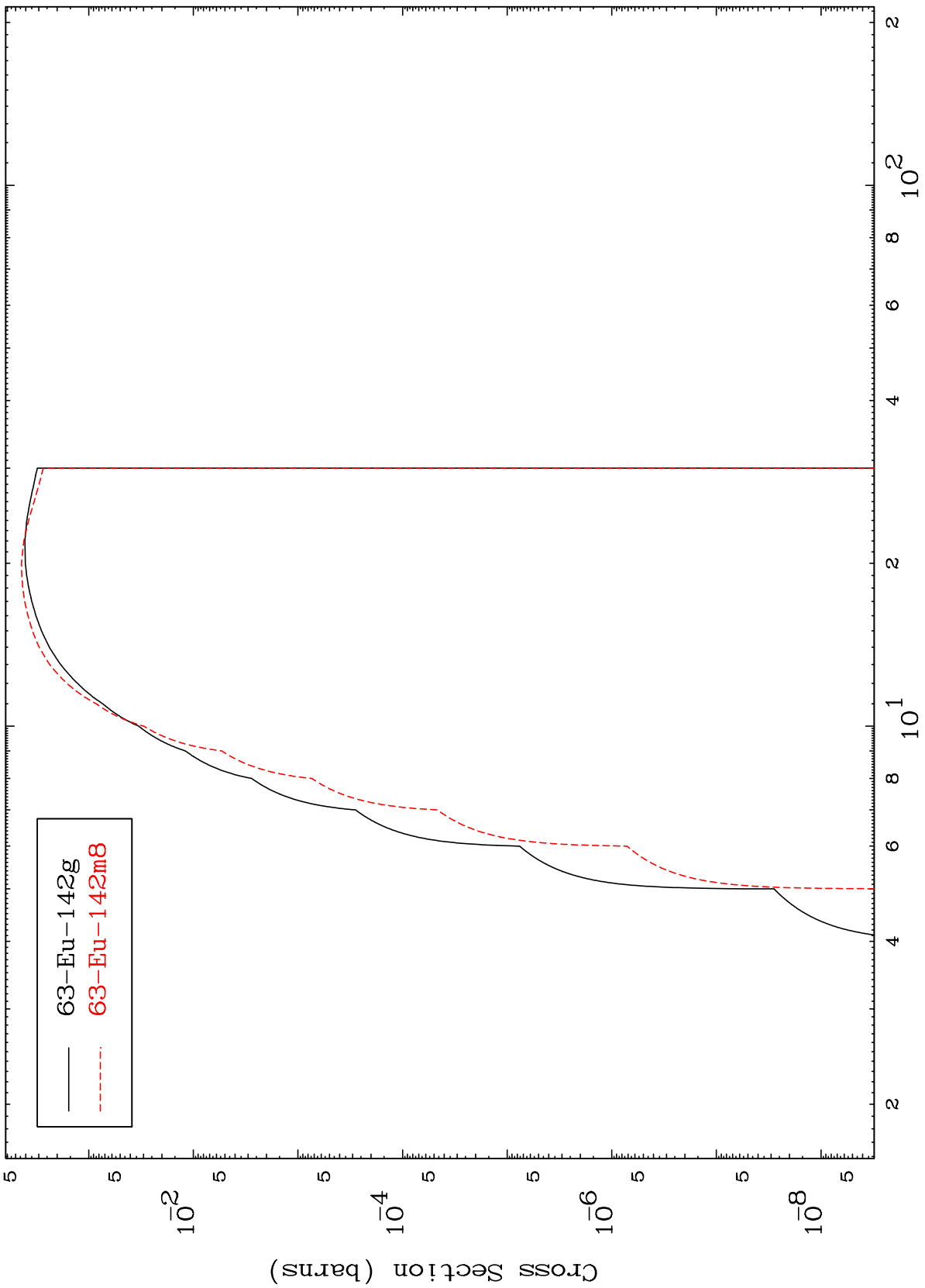


— 62-Sm-139g
- - - 62-Sm-139m4

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63-Eu-142m

(n,n') p
Radionuclide Production Cross Section



16

63-Eu-142m

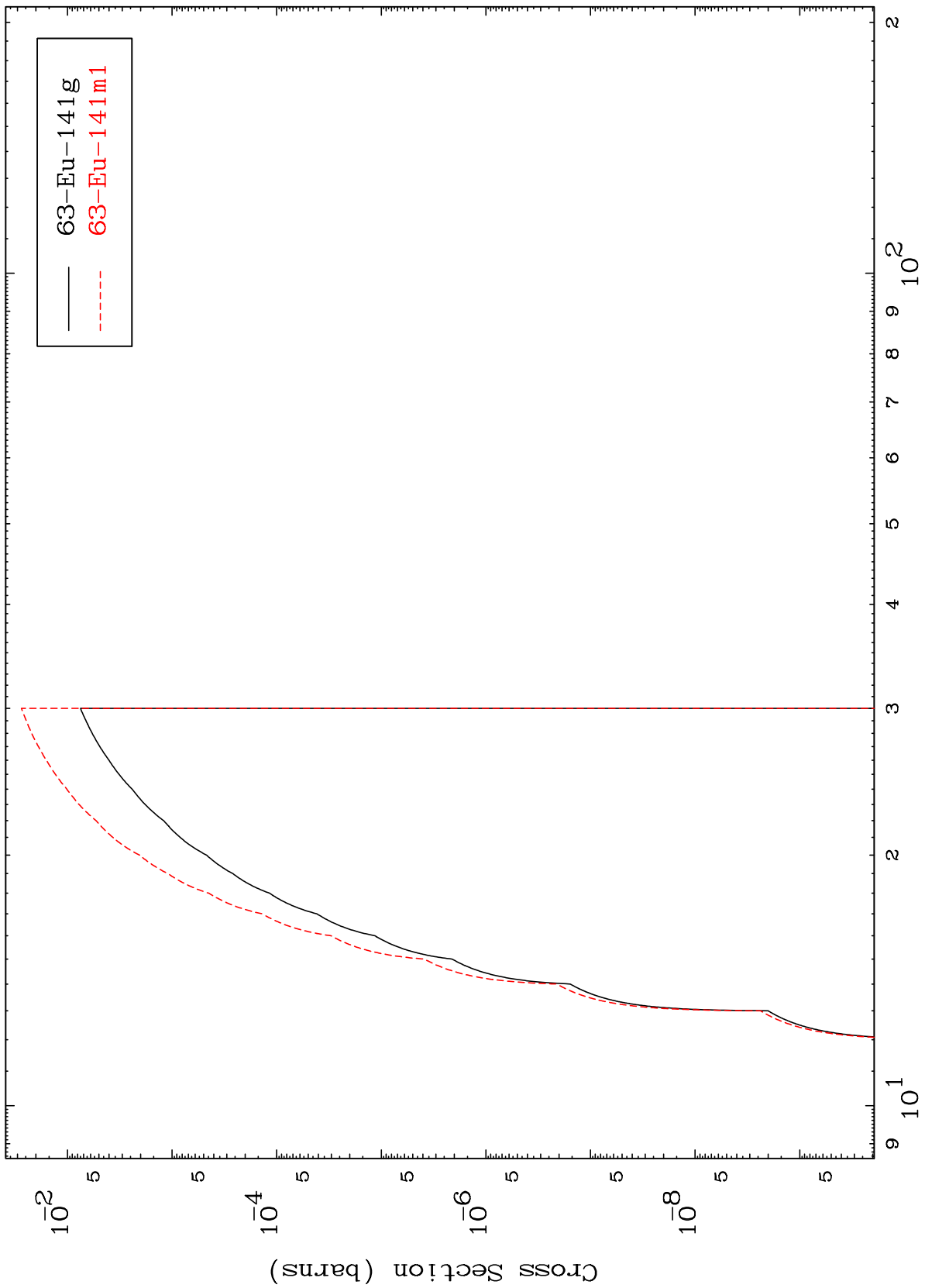
Incident Energy (MeV)

MAT 6299

(n,n') d

63-Eu-142m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

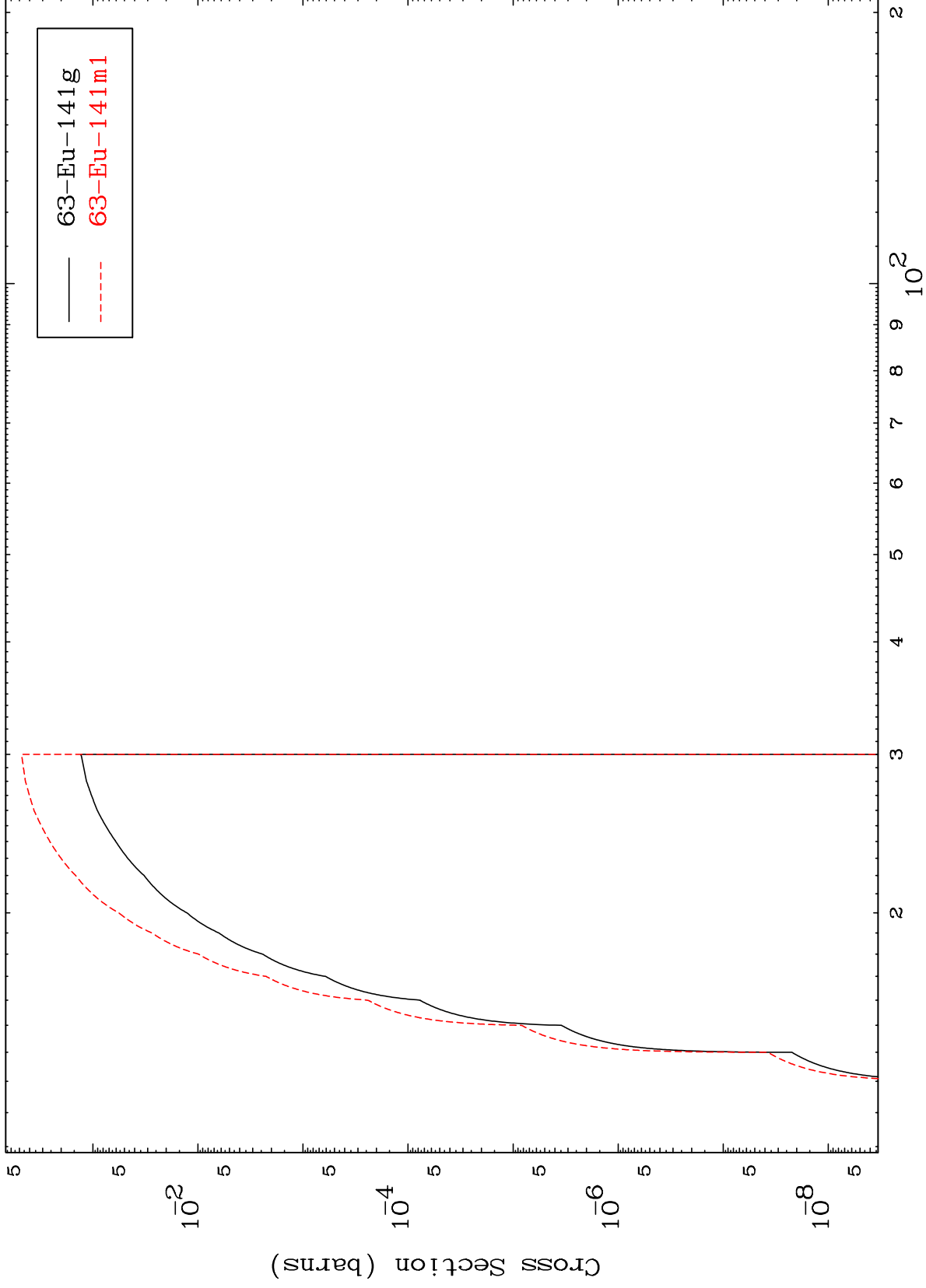
63-Eu-142m

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(n,2n) p

63-Eu-142m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

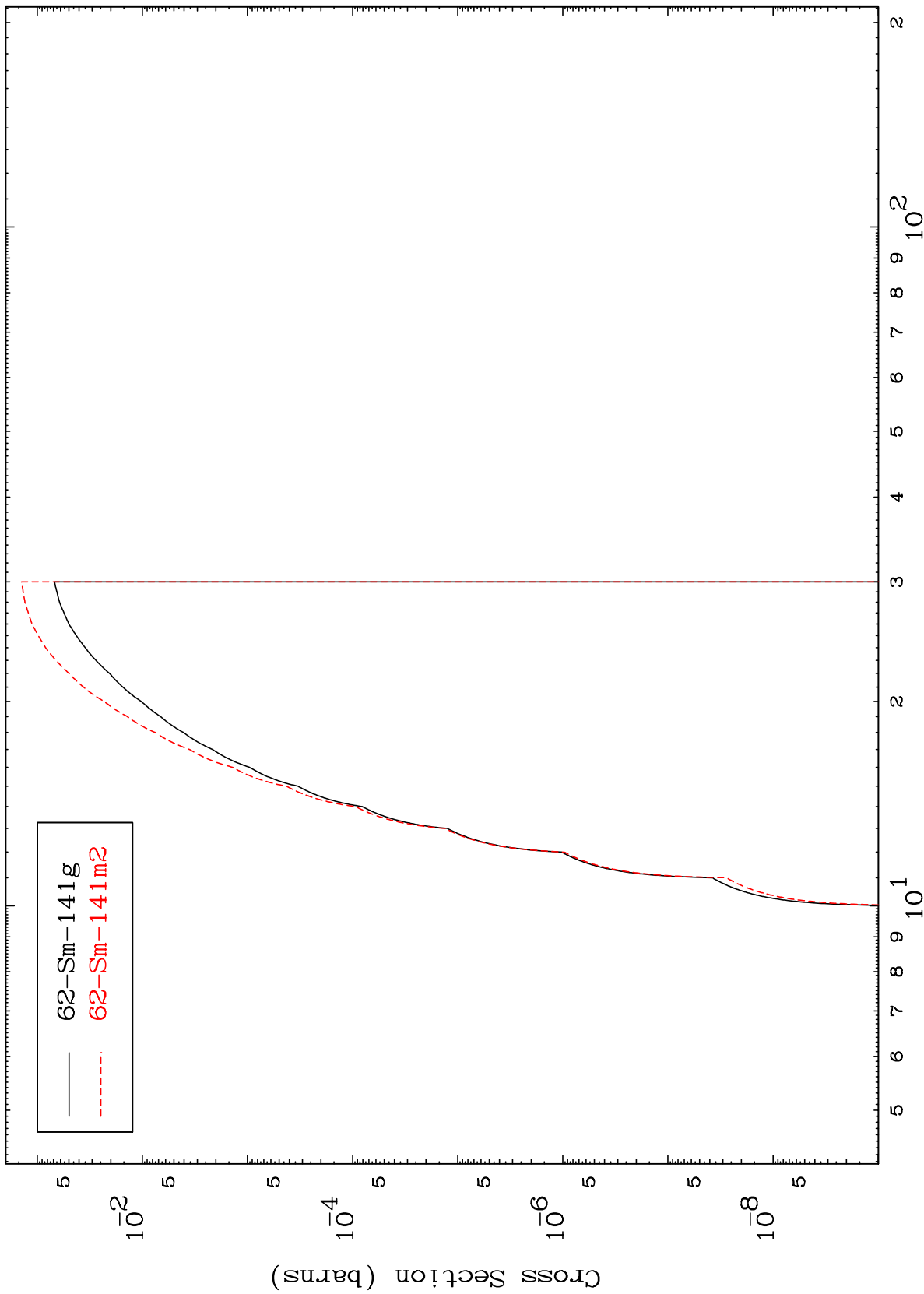
63-Eu-142m

MAT 6299

(n,2n) p

63-Eu-142m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

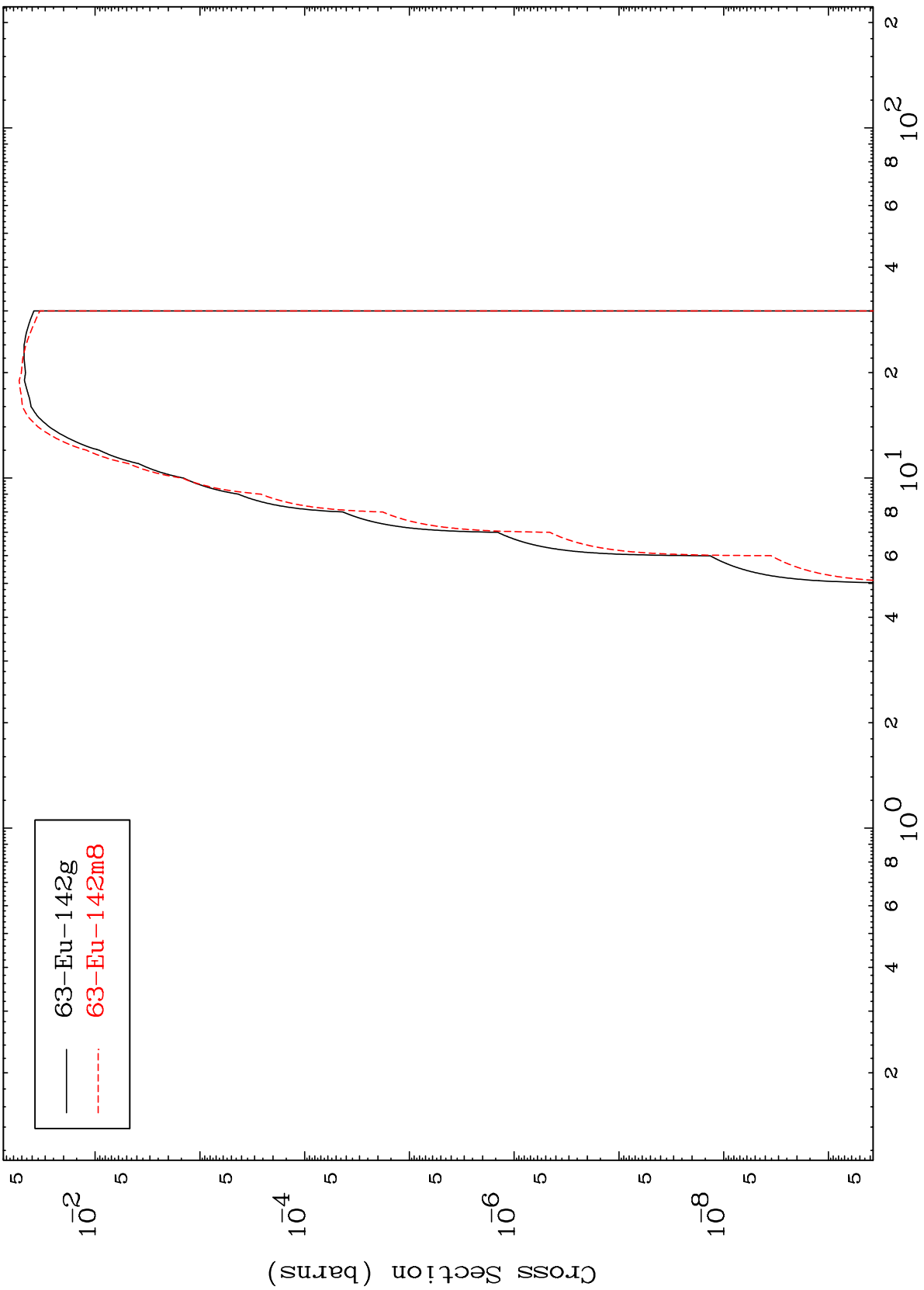
63-Eu-142m

MAT 6299

(n, d)

⁶³Eu-142m

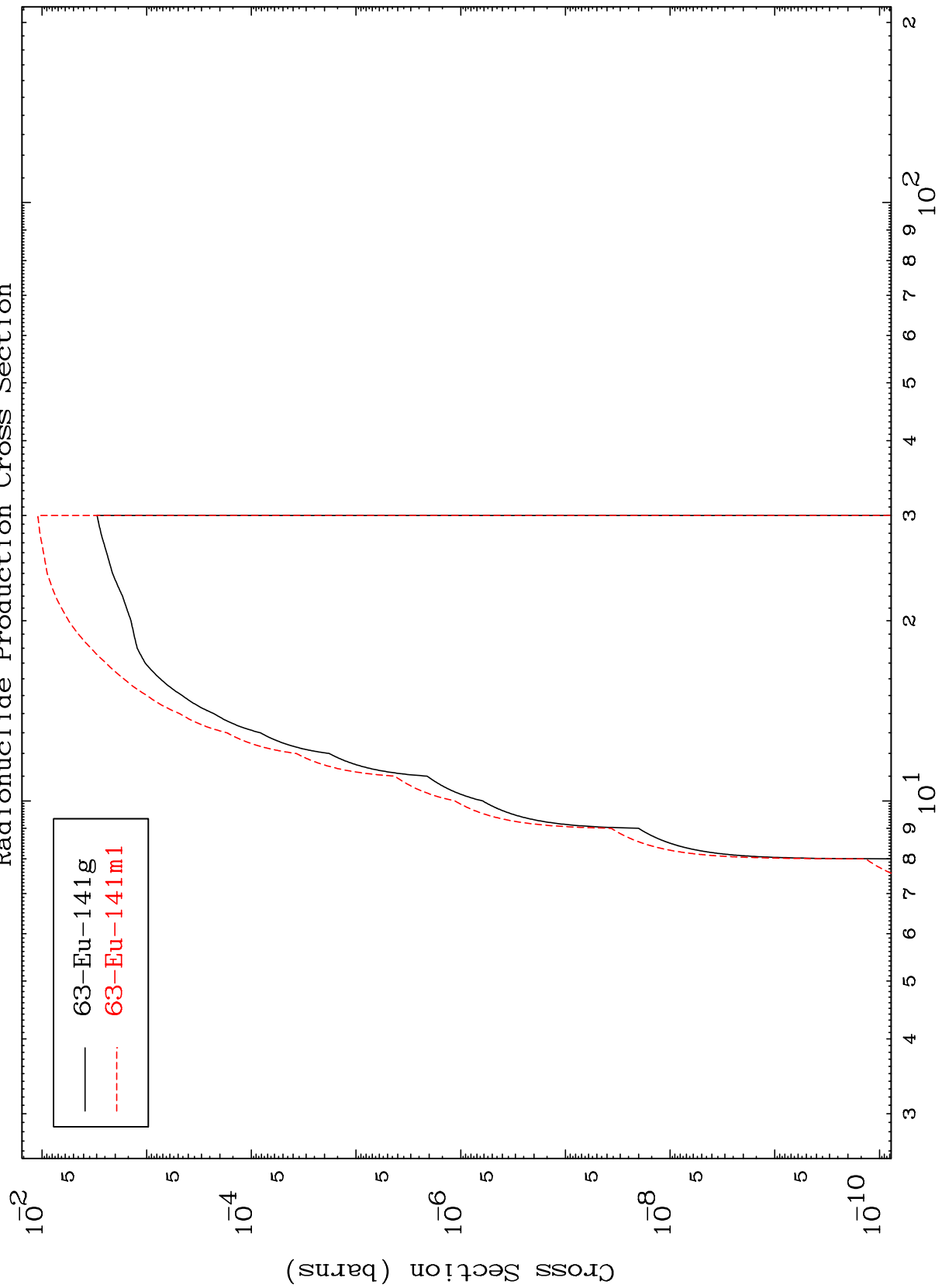
Radionuclide Production Cross Section



MAT 6299

63-Eu-142m

(n, t)
Radionuclide Production Cross Section

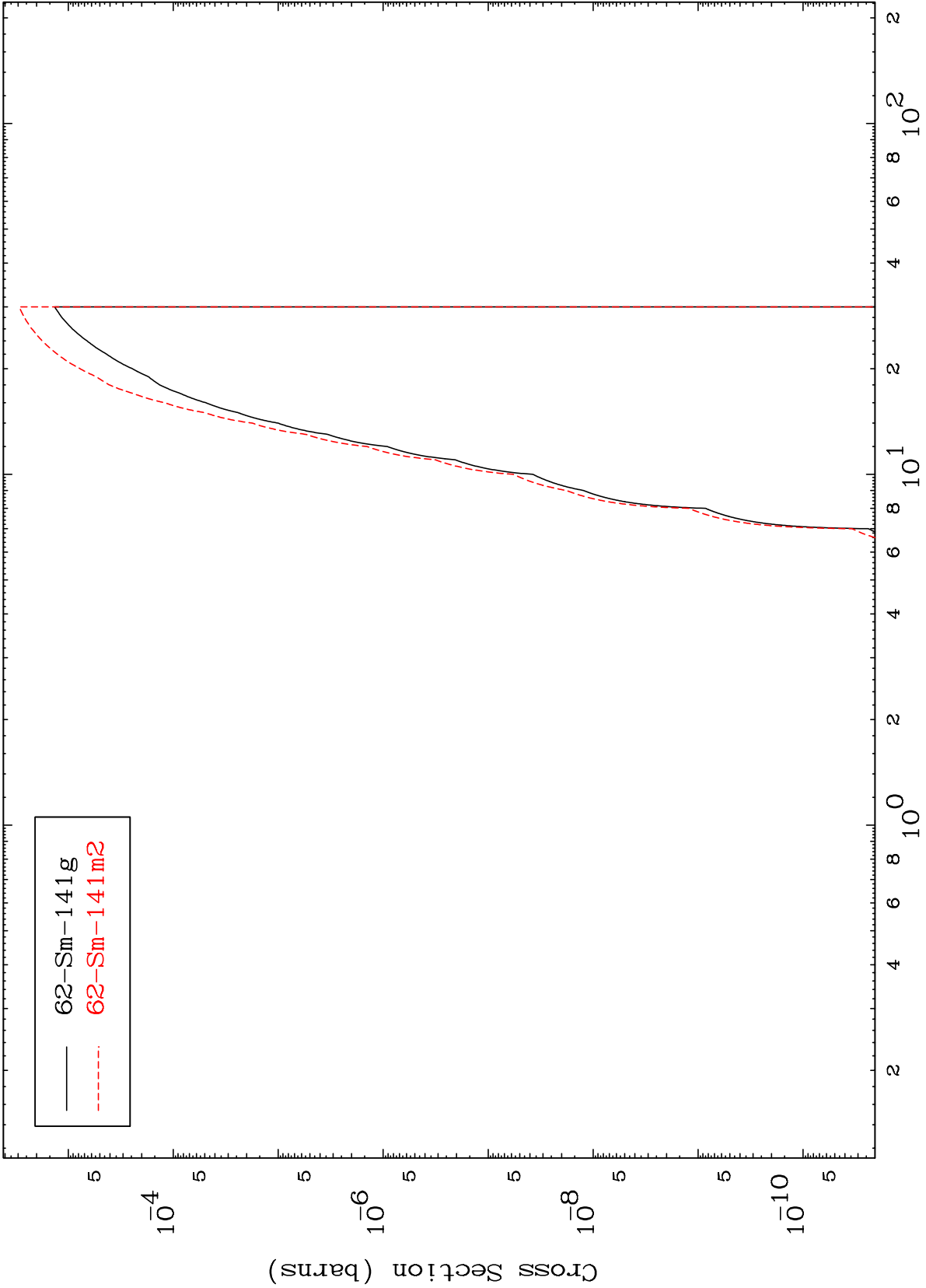


MAT 6299

(n,He-3)

63-Eu-142m

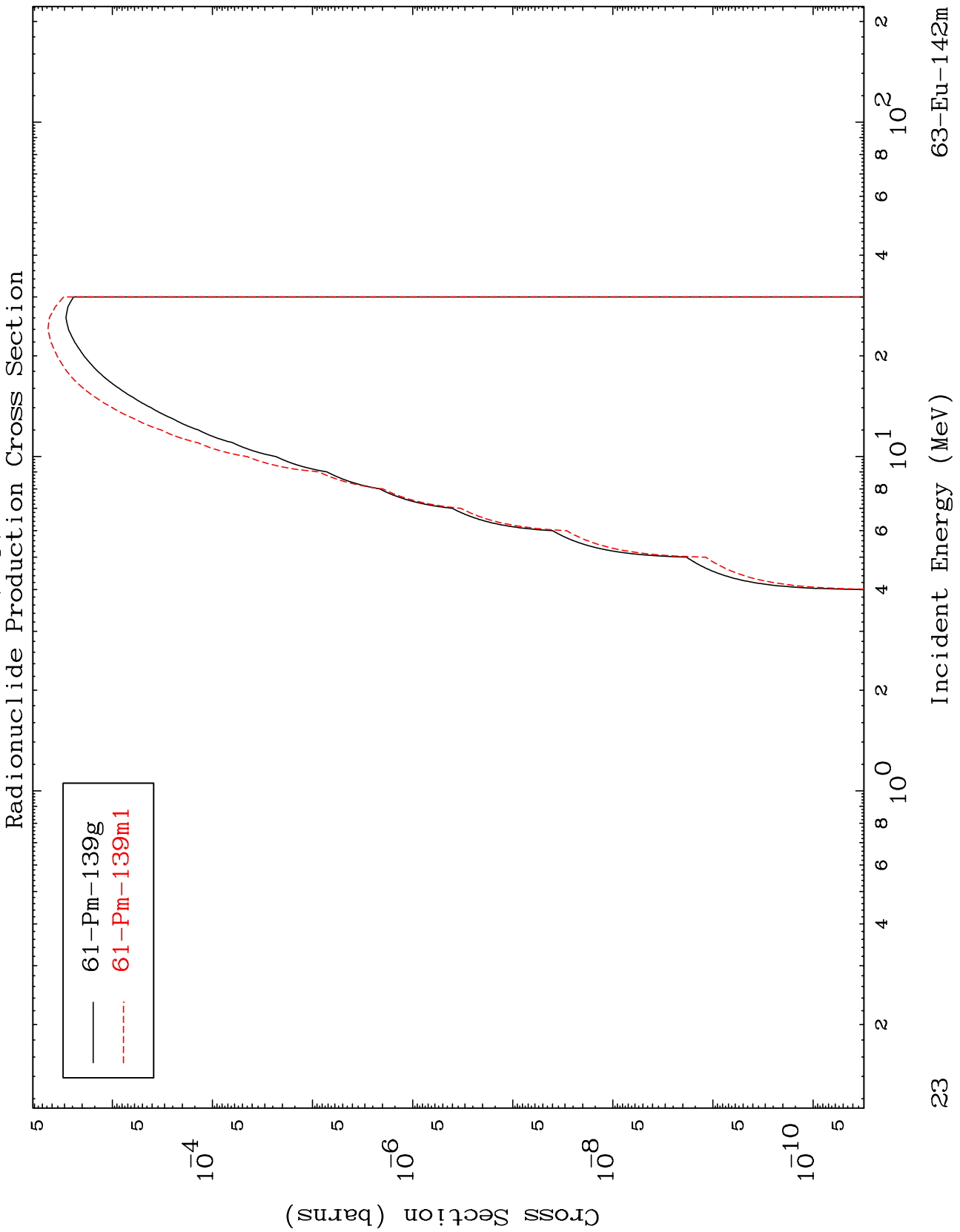
Radionuclide Production Cross Section



MAT 6299

(n,p) α

63-Eu-142m

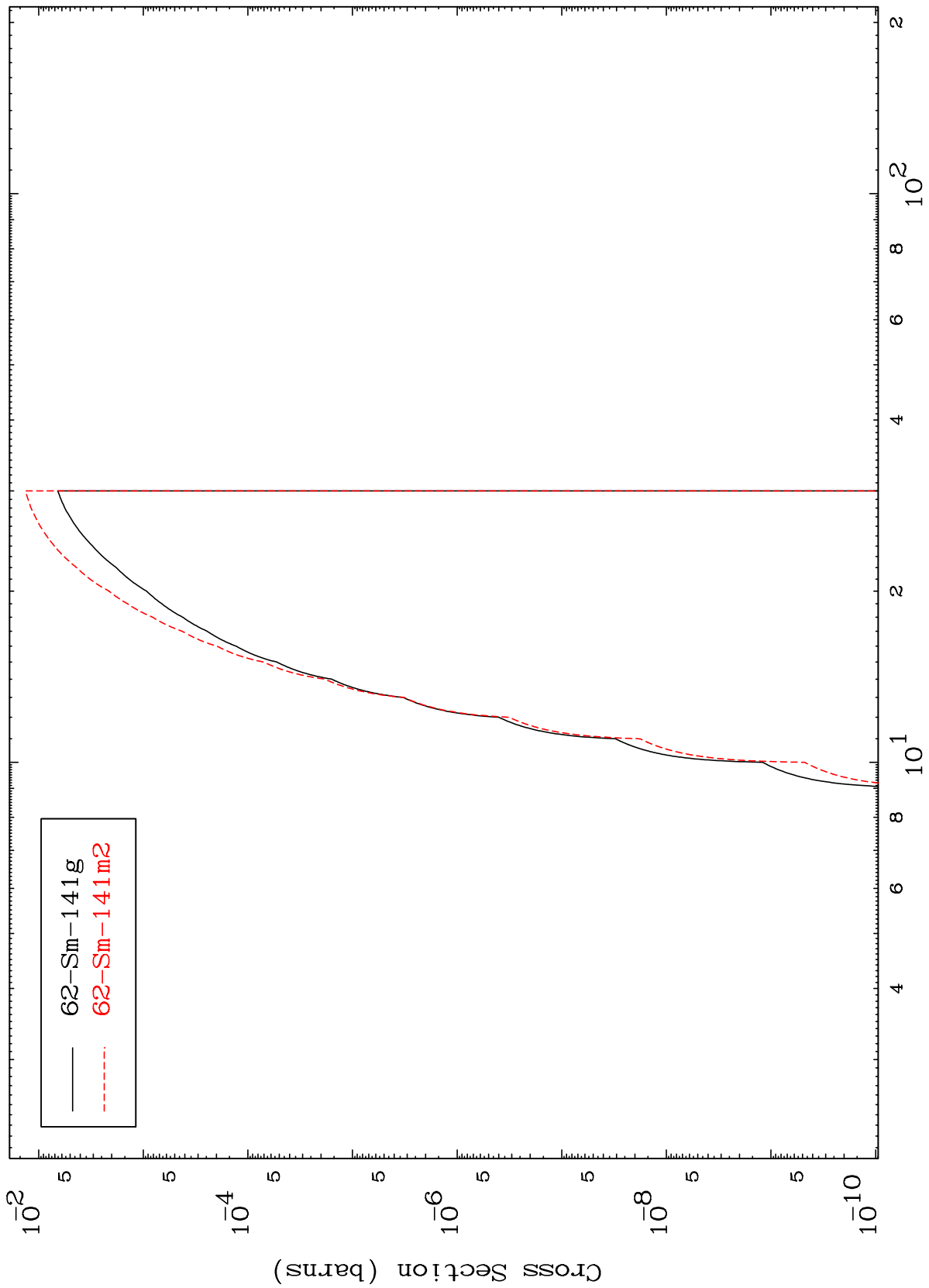


MAT 6299

(n,p) d

63-Eu-142m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

63-Eu-142m