

Program EVALPLOT
(Version 2018-1)

by

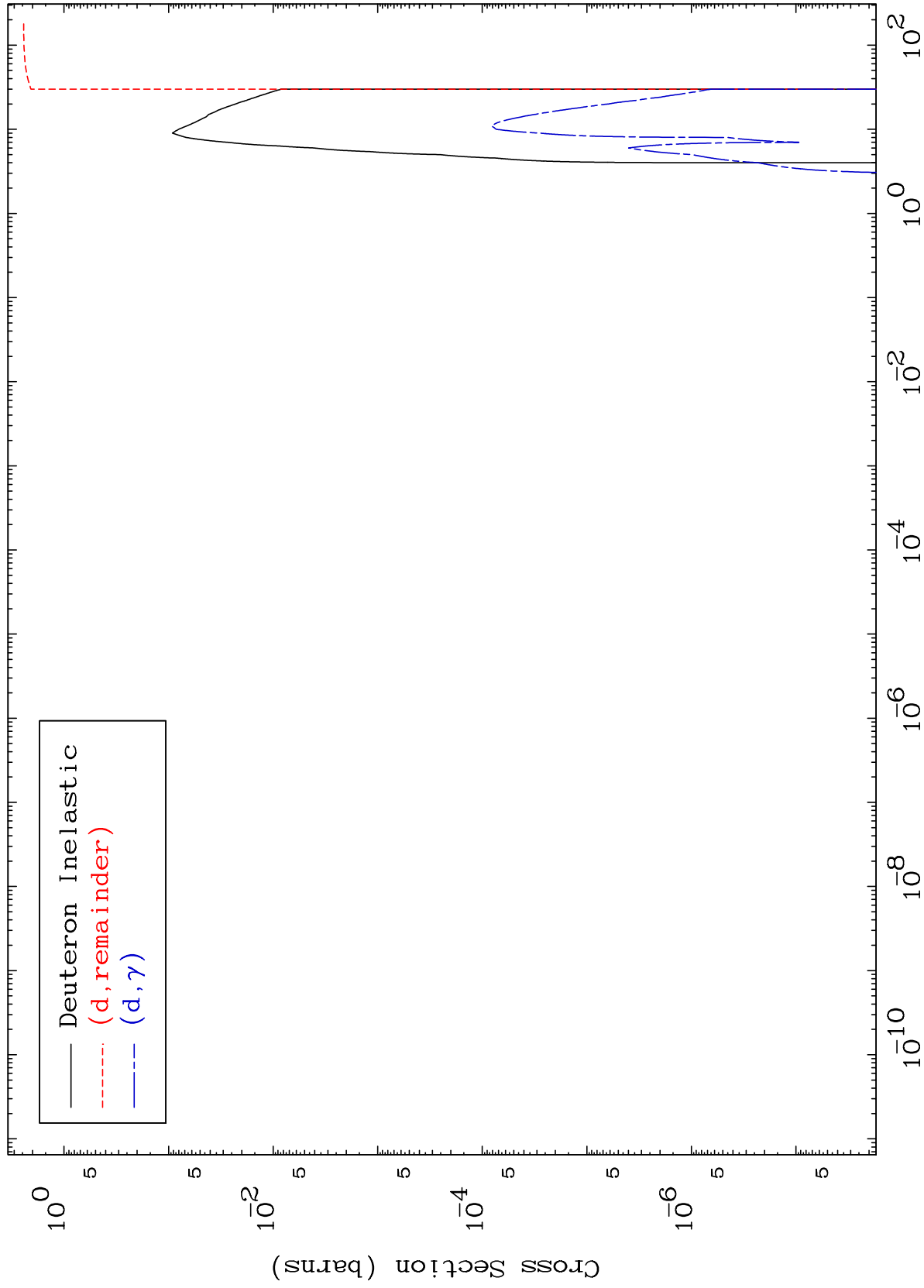
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(Present Contact Information)

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E.Mail:redcullen1@comcast.net
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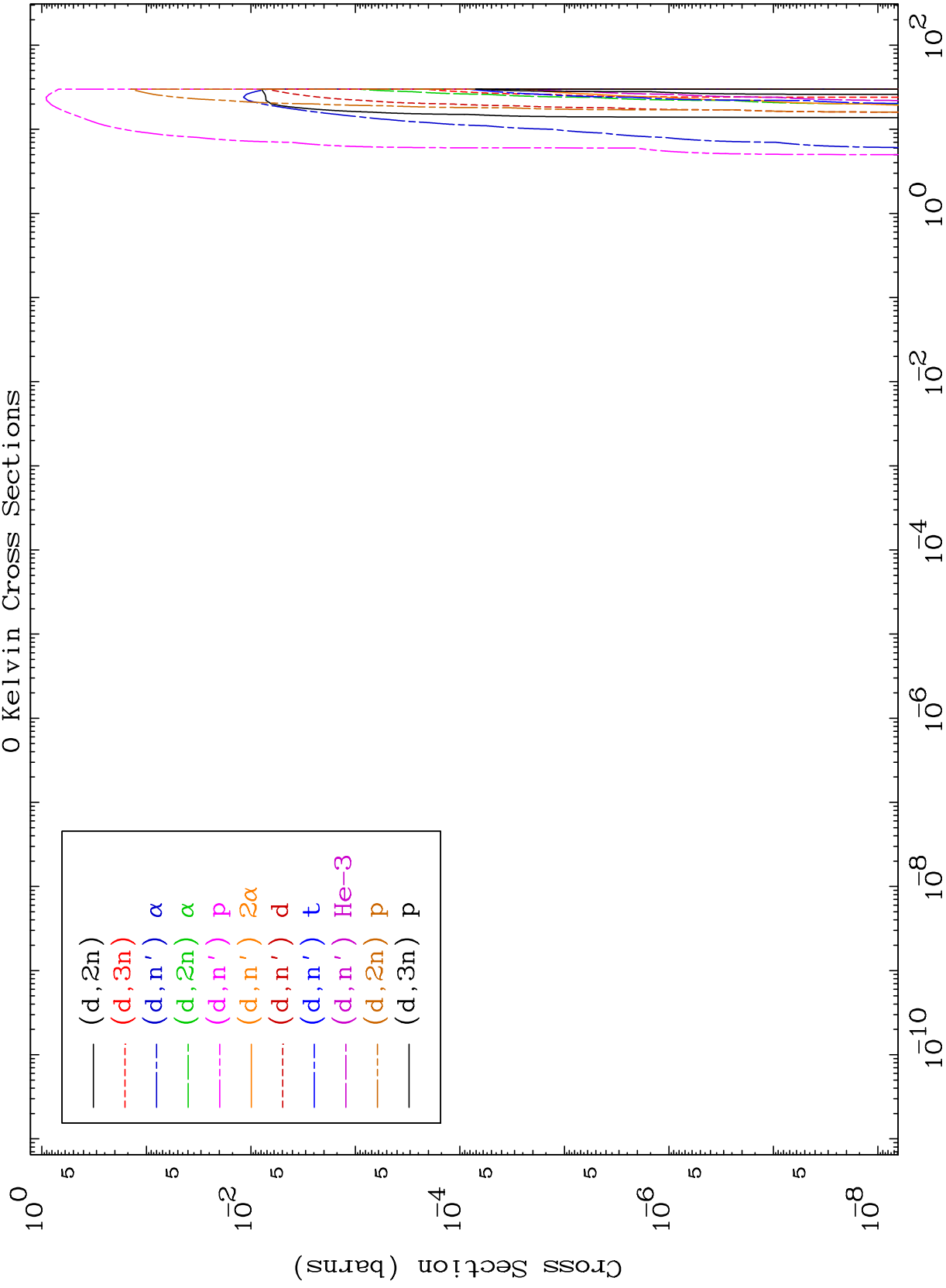
Press Mouse Button to Start



MAT 6201

Deuteron Neutron Production
0 Kelvin Cross Sections

62-Sm-136



2

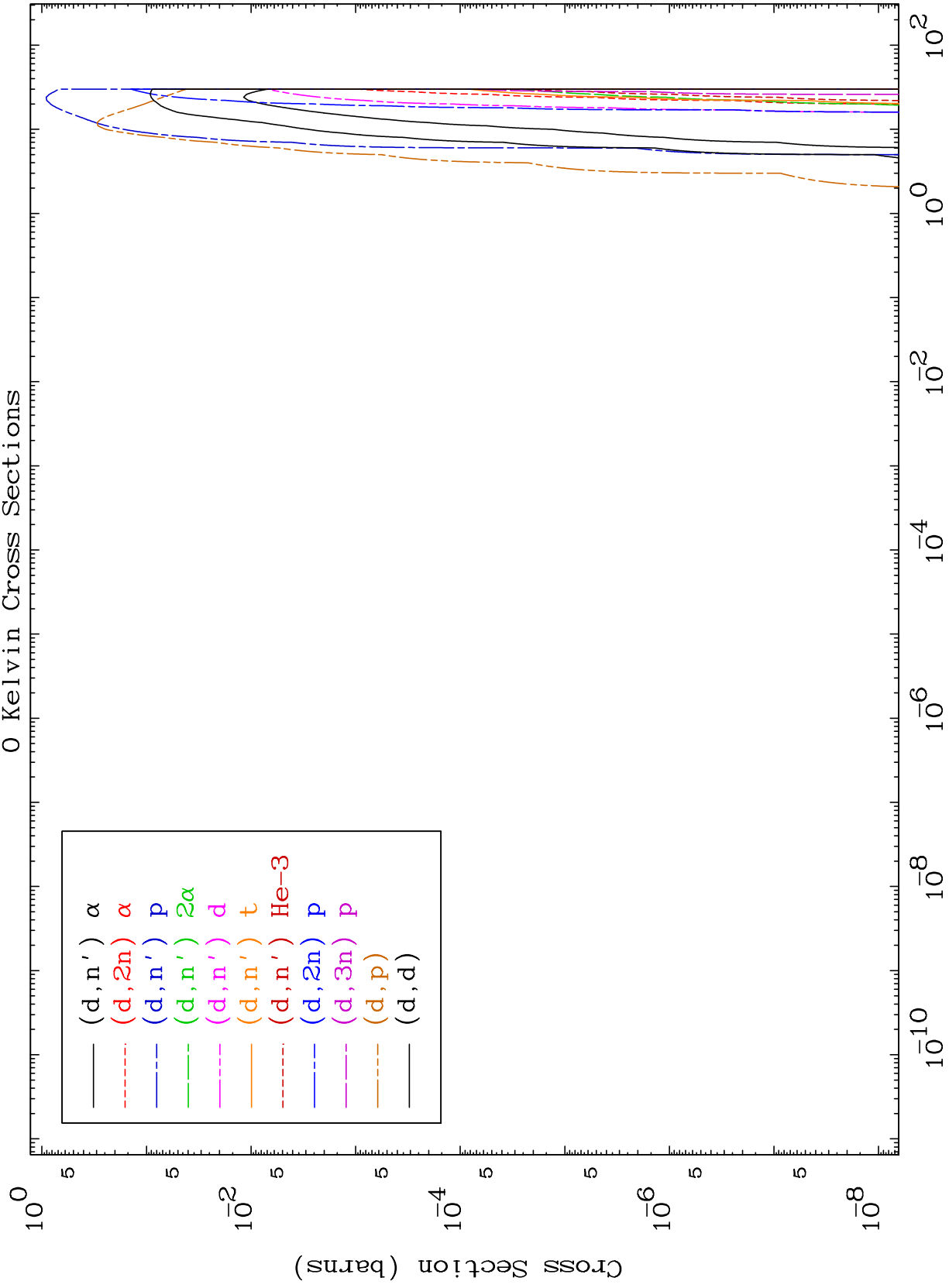
Incident Energy (MeV)

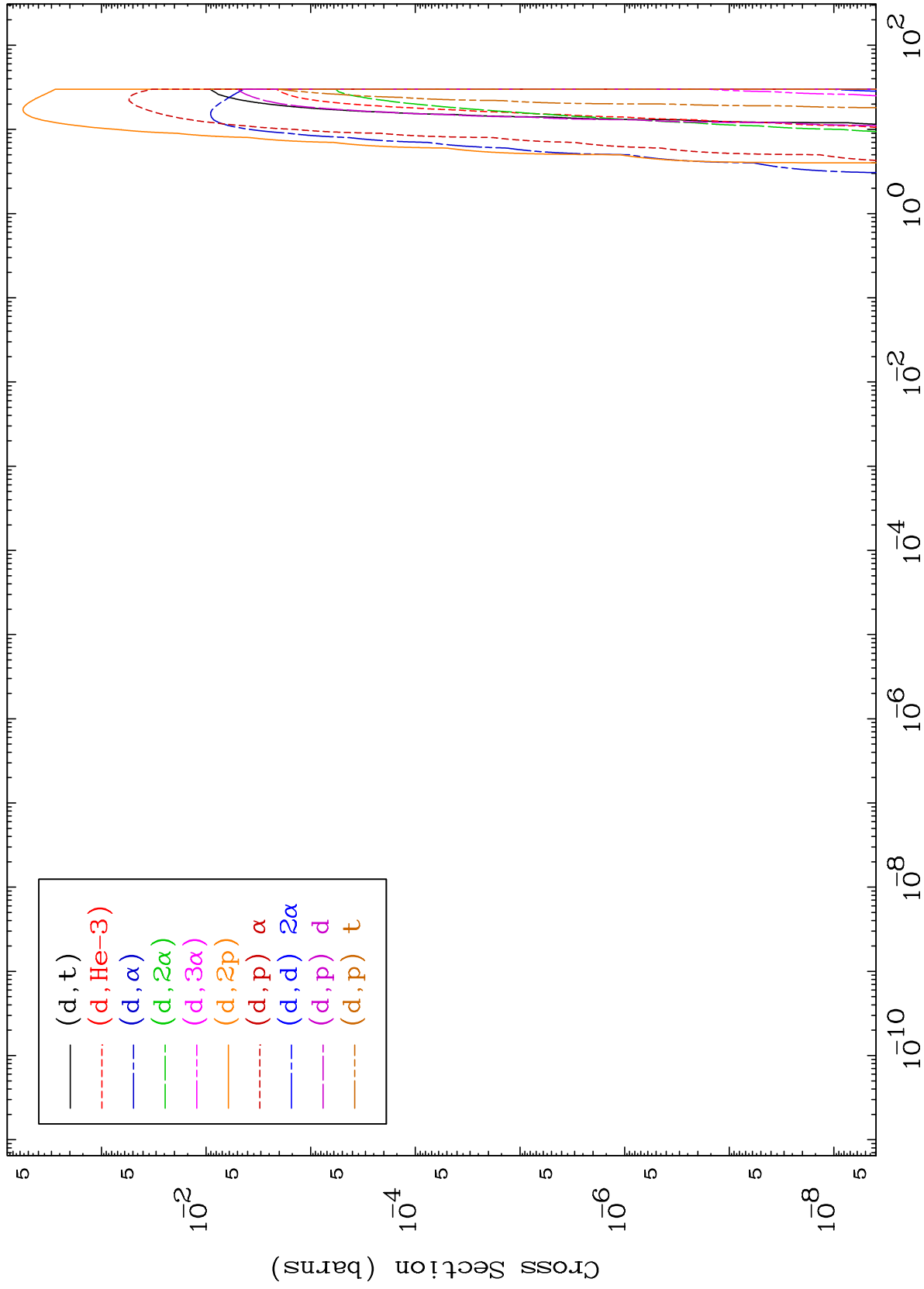
62-Sm-136

MAT 6201

Deuteron Charged Particle
0 Kelvin Cross Sections

62-Sm-136

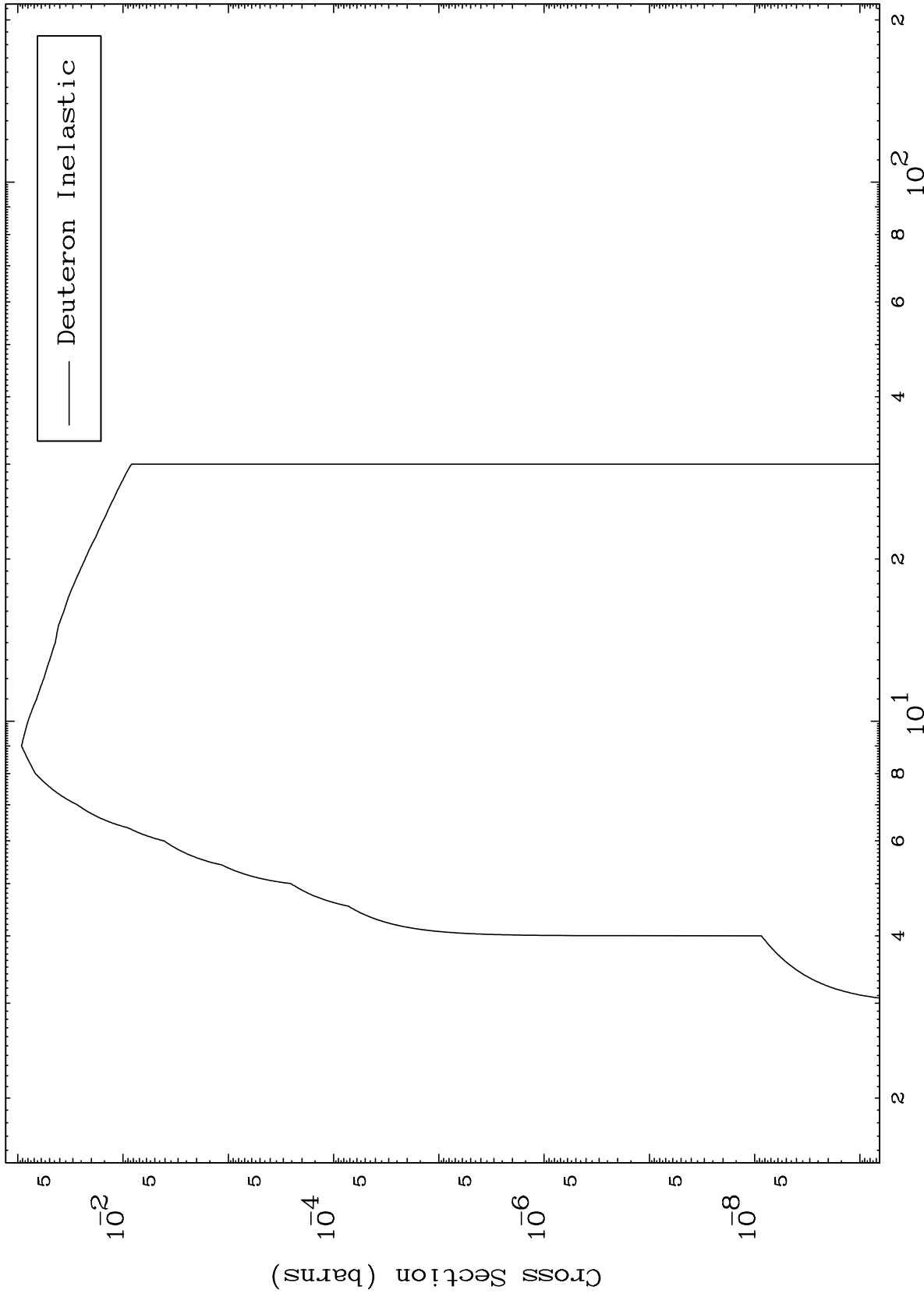




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62-Sm-136

(d,n') Level
0 Kelvin Cross Sections



5

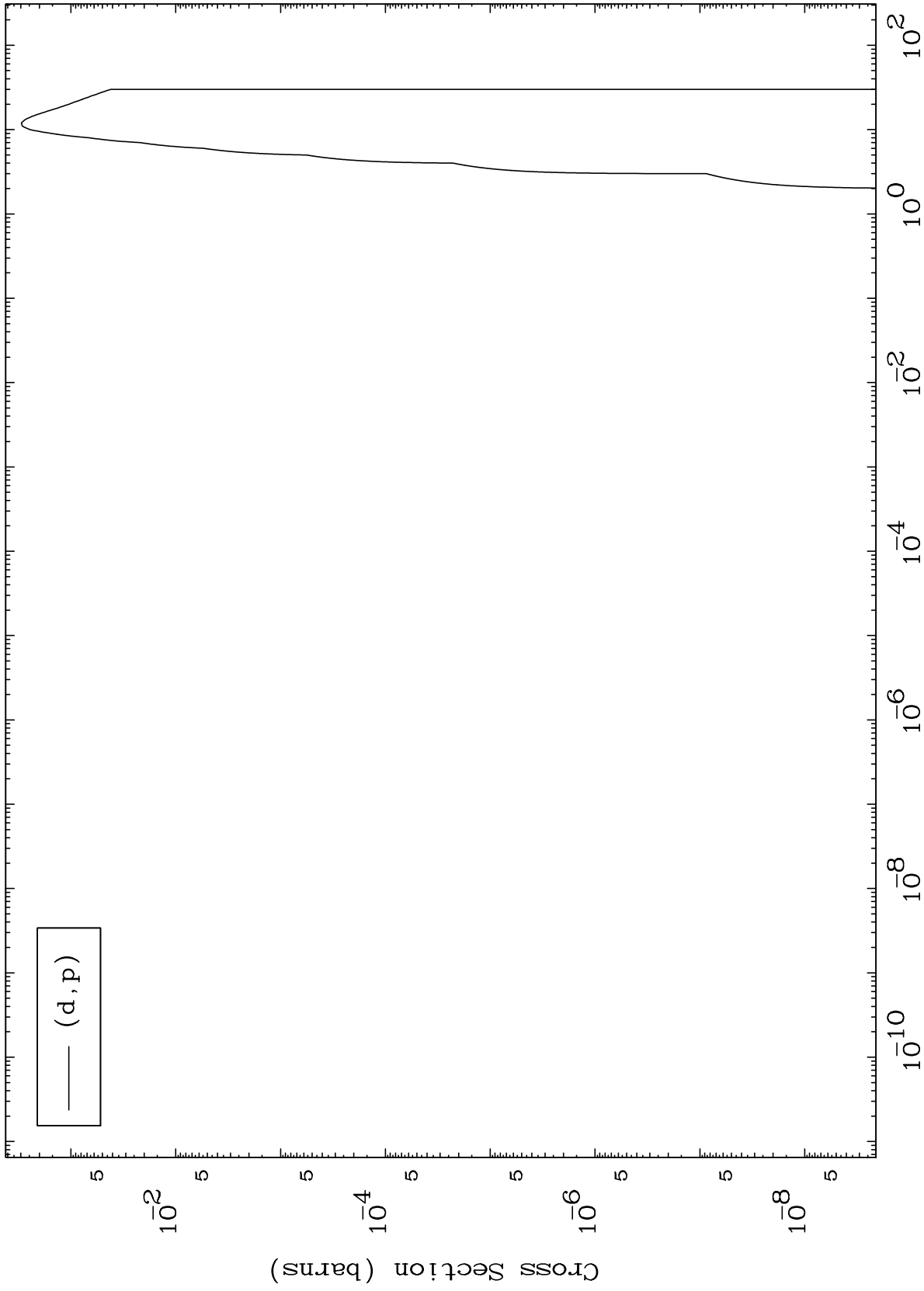
Incident Energy (MeV)

62-Sm-136

MAT 6201

(d,p) Levels
0 Kelvin Cross Sections

62-Sm-136



6

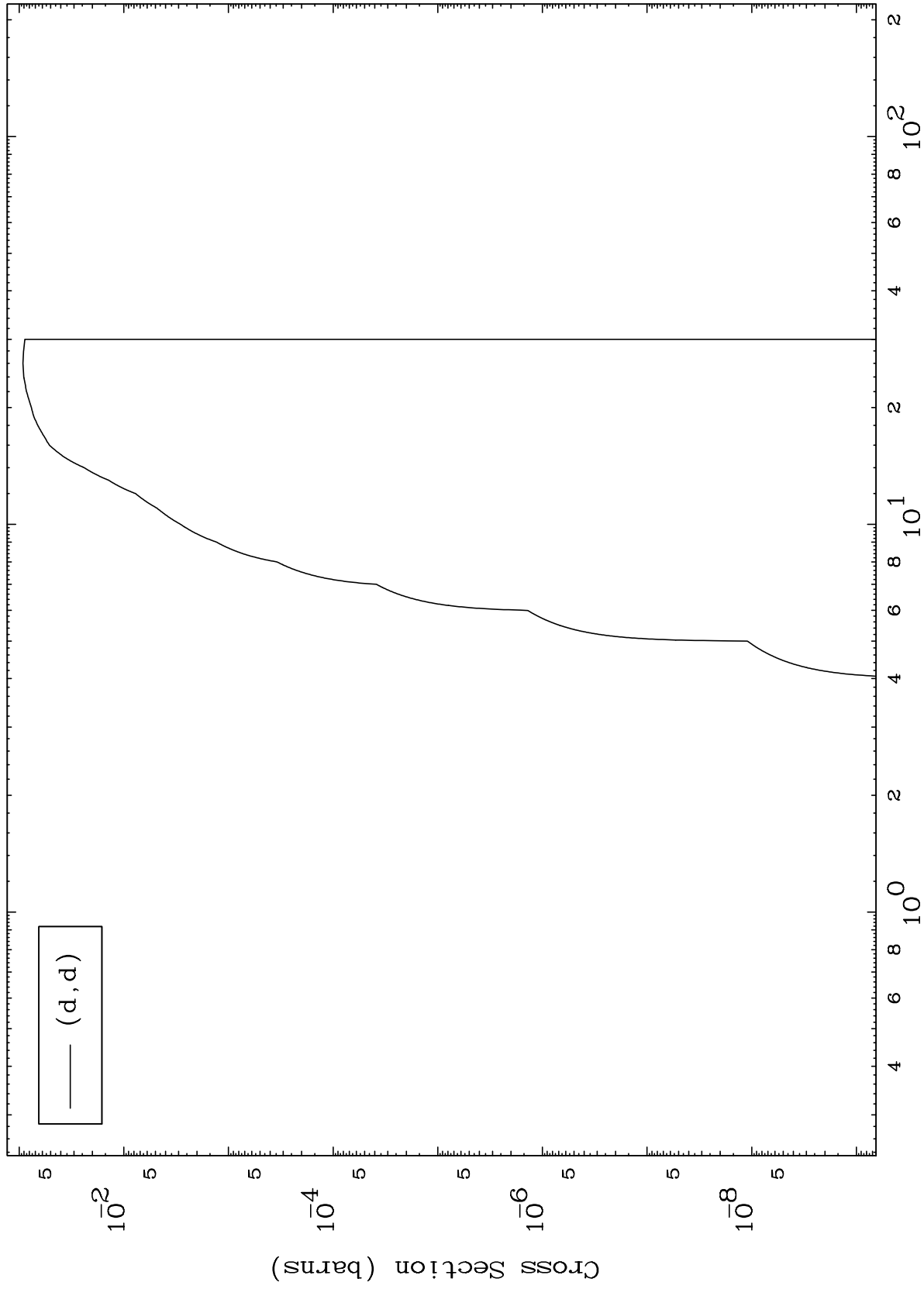
Incident Energy (MeV)

62-Sm-136

MAT 6201

(d,d) Levels
0 Kelvin Cross Sections

62-Sm-136



7

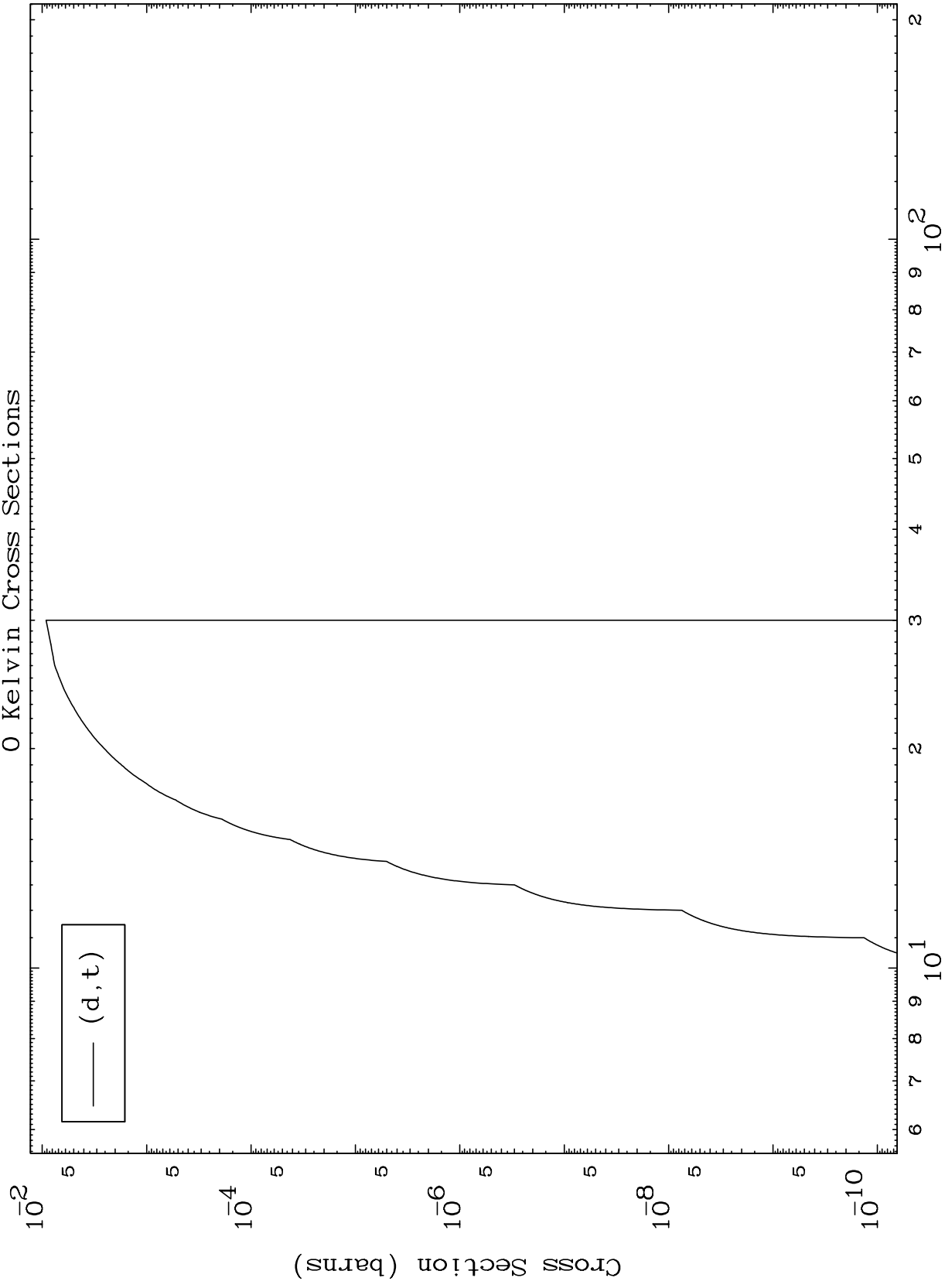
Incident Energy (MeV)

62-Sm-136

MAT 6201

(d,t) Levels
0 Kelvin Cross Sections

62-Sm-136

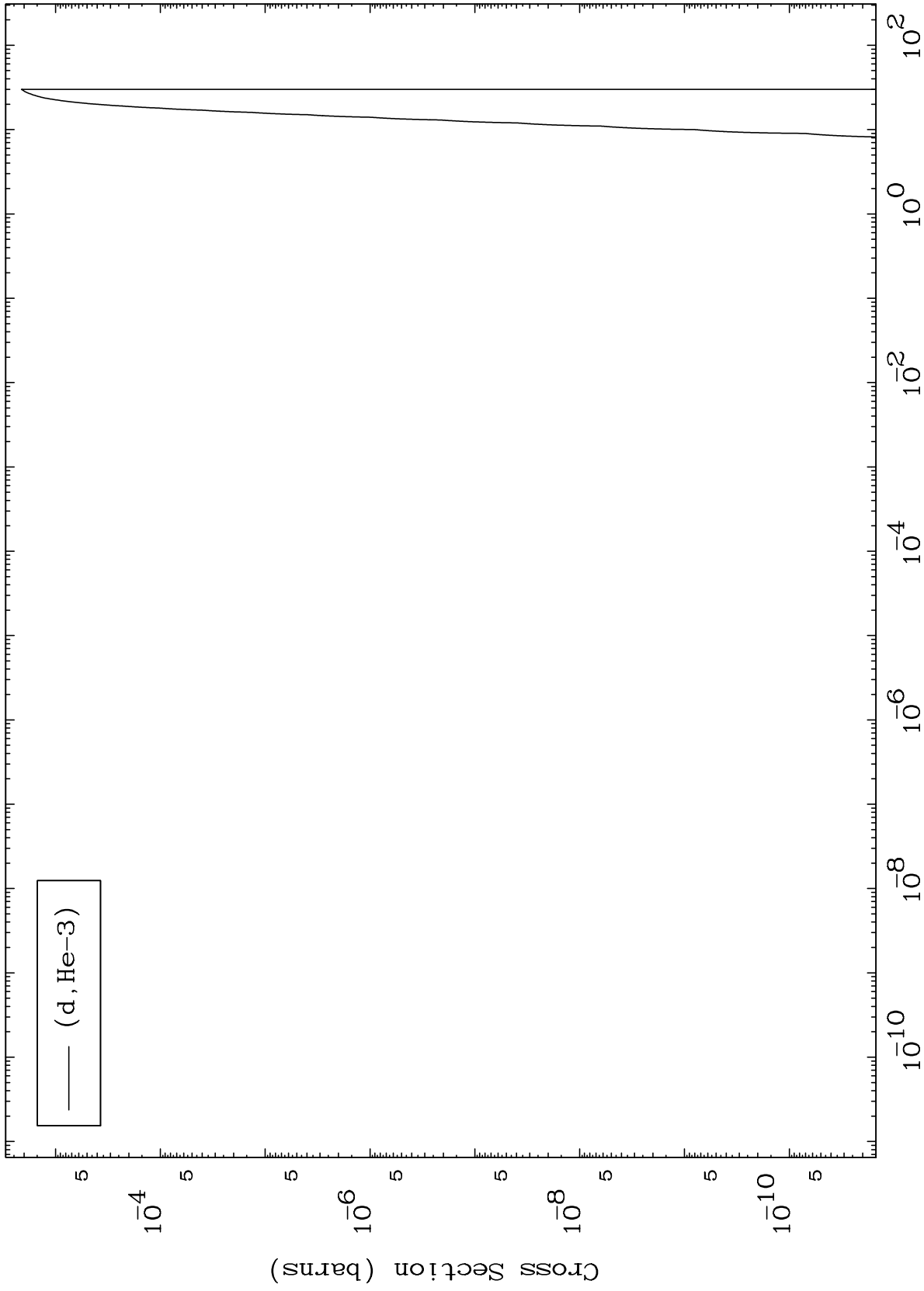


62-Sm-136

MAT 6201

(d,He3) Levels
0 Kelvin Cross Sections

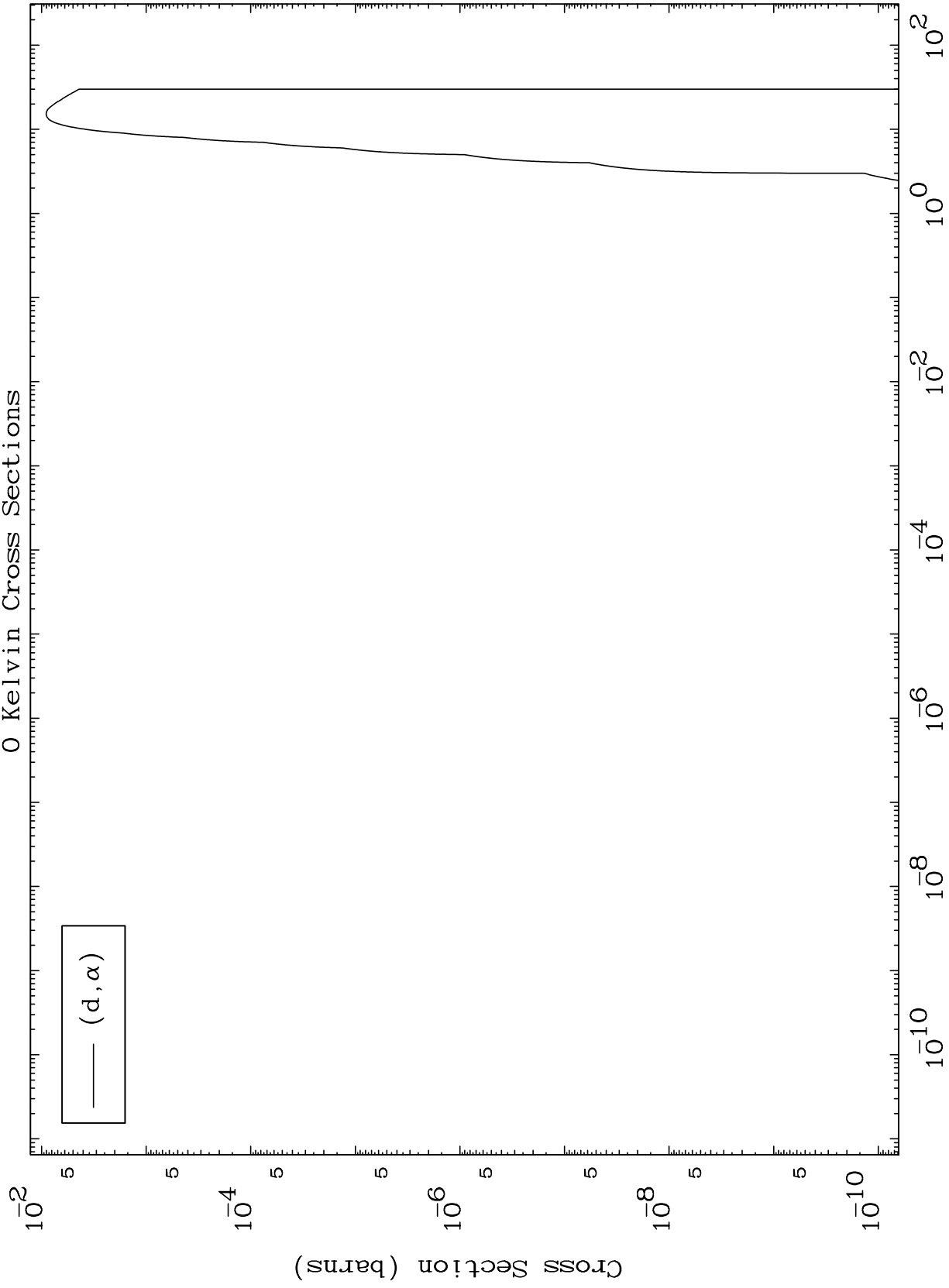
62-Sm-136



MAT 6201

(d, α) Levels
0 Kelvin Cross Sections

62-Sm-136

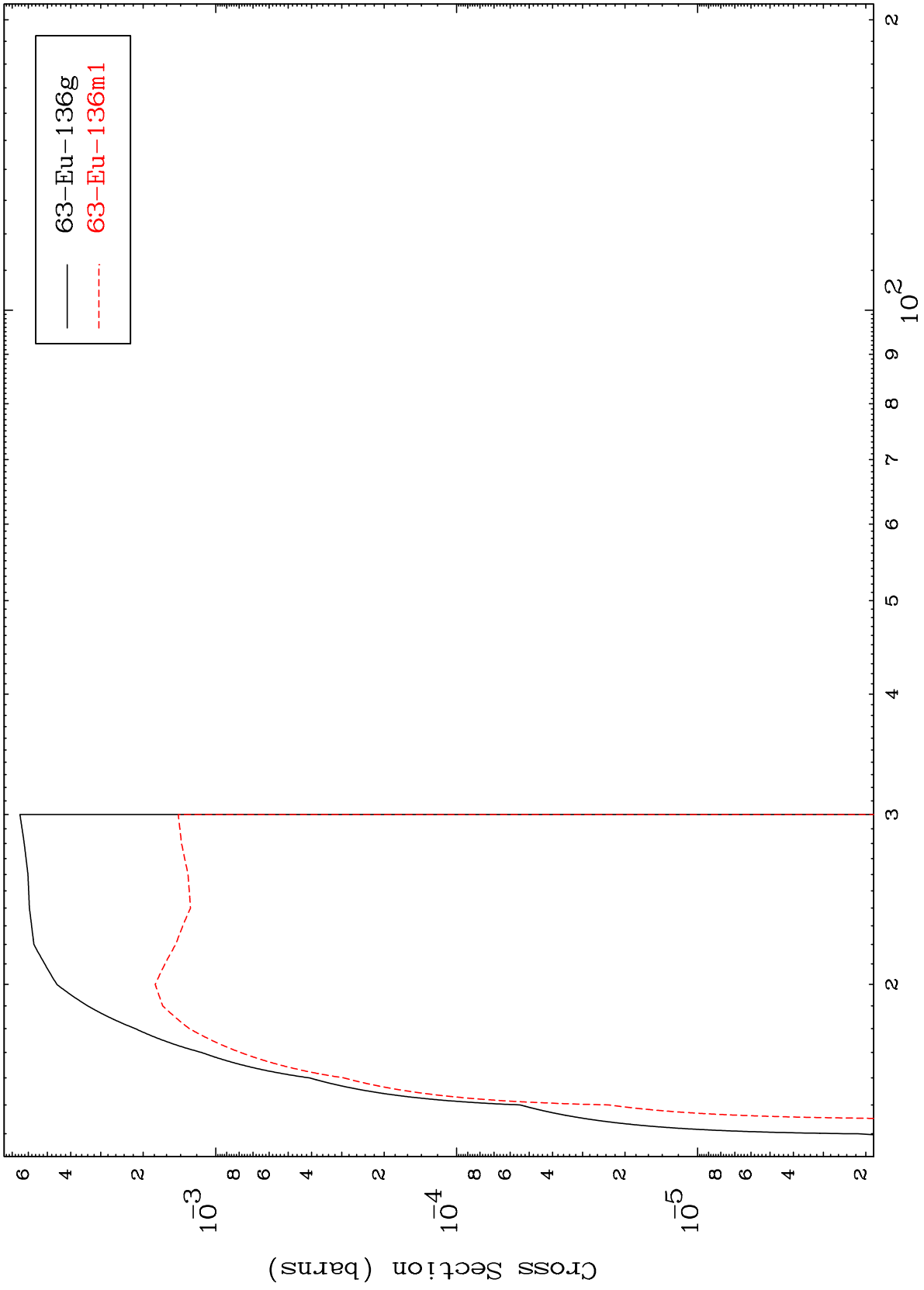


10

Incident Energy (MeV)

62-Sm-136

(d,2n)
Radionuclide Production Cross Section

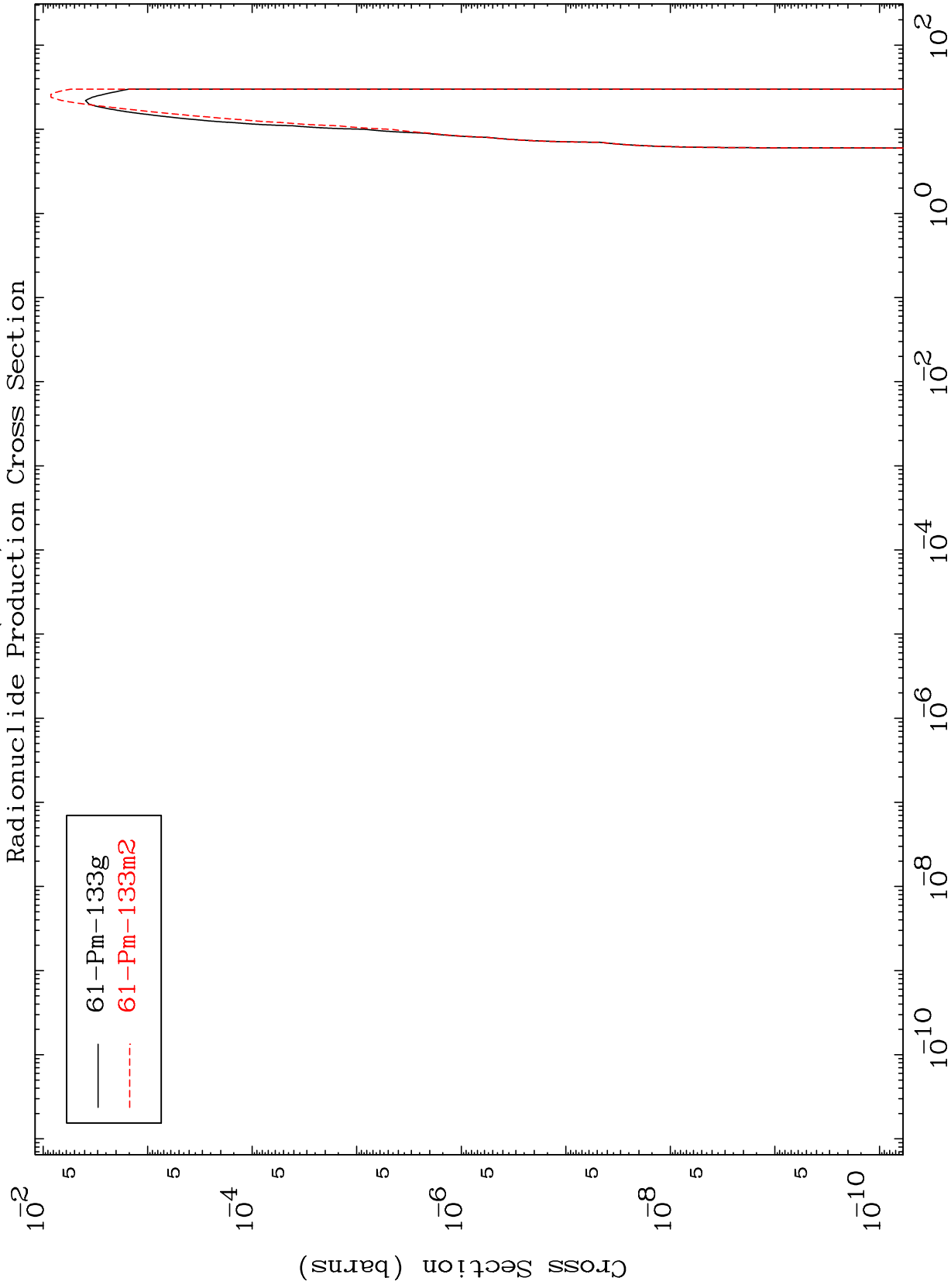


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(d,n') α

62-Sm-136

Radionuclide Production Cross Section



12

Incident Energy (MeV)

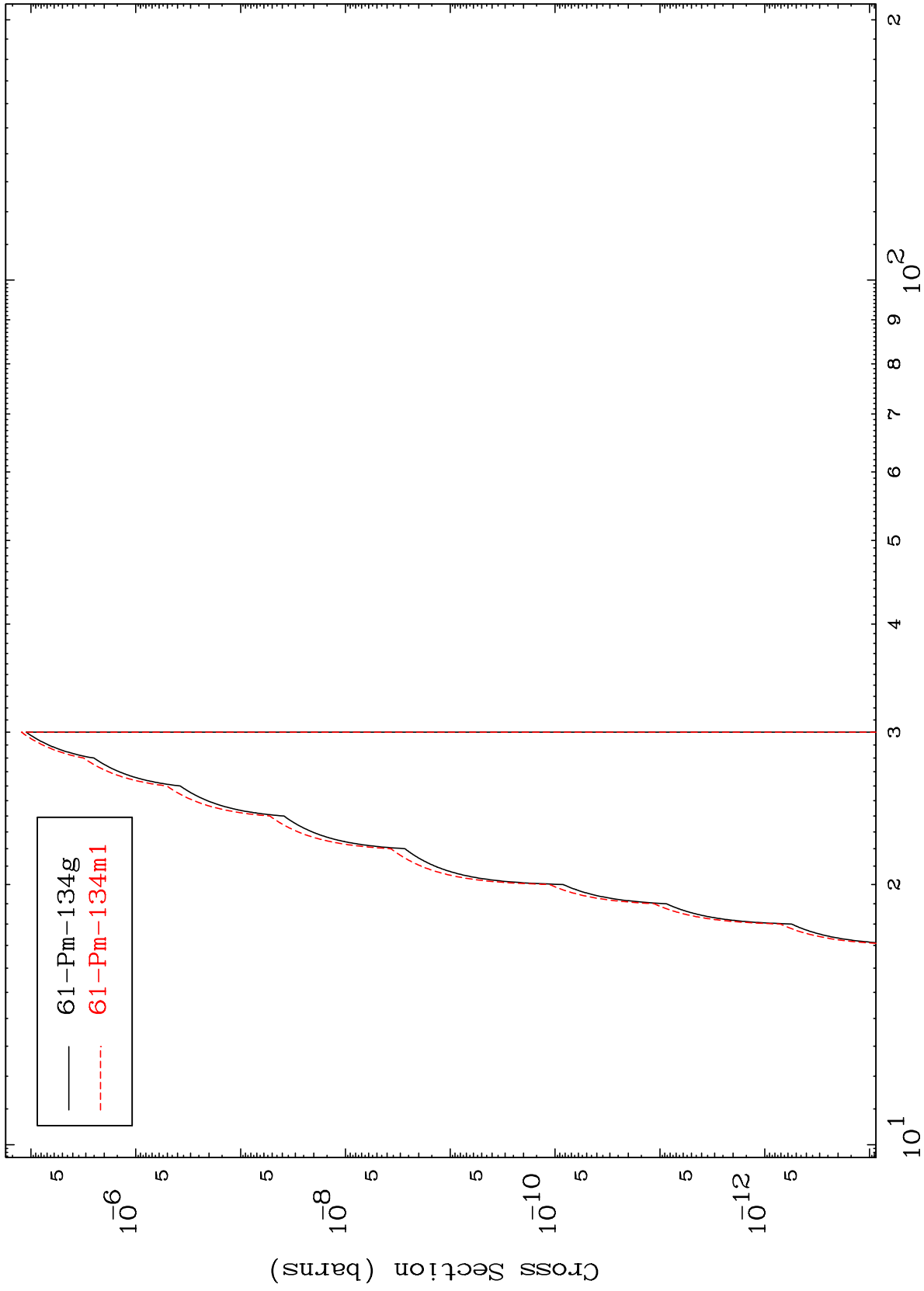
62-Sm-136

MAT 6201

(d, n') He-3

62-Sm-136

Radionuclide Production Cross Section



13

Incident Energy (MeV)

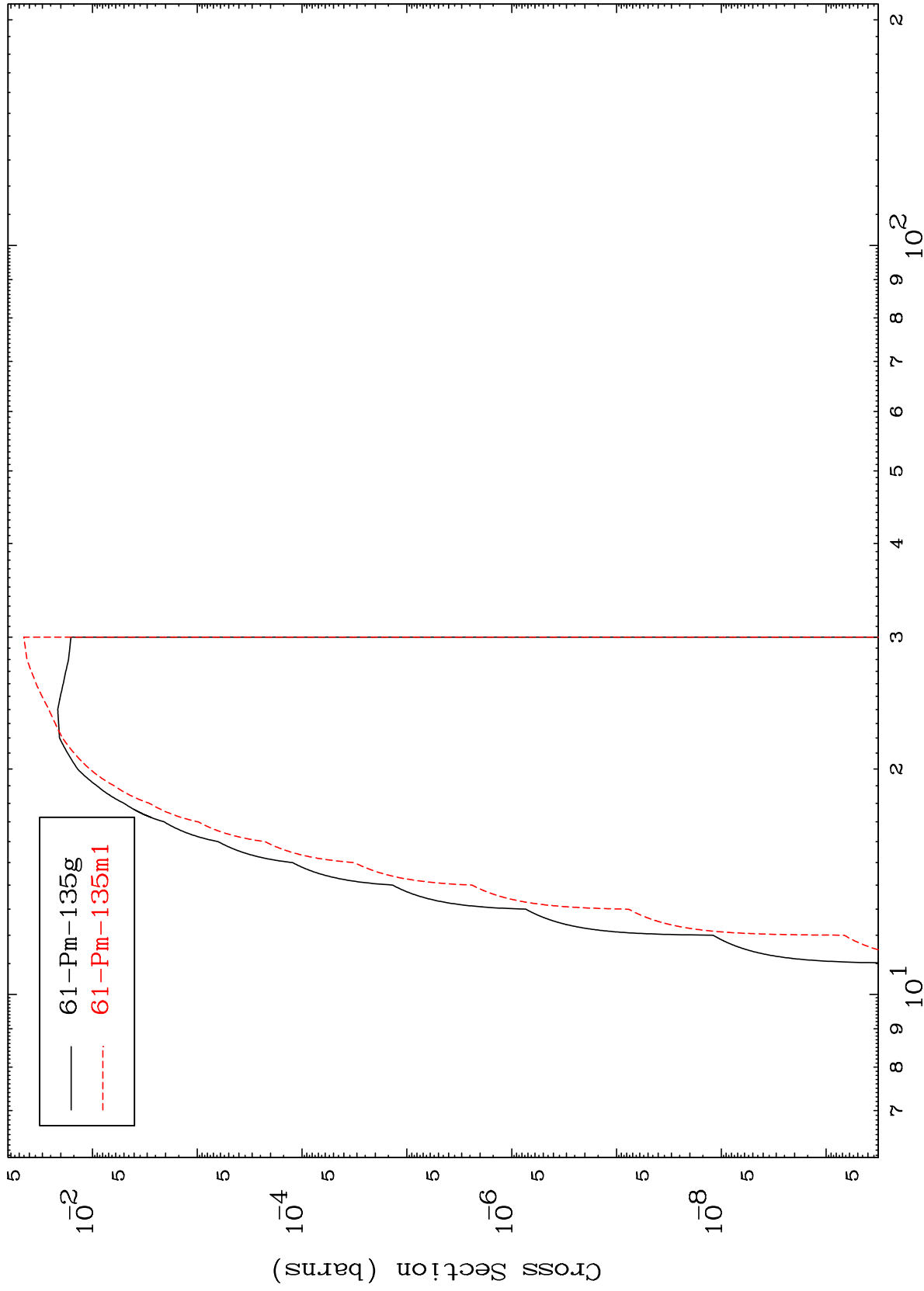
62-Sm-136

MAT 6201

(d,2n) p

62-Sm-136

Radionuclide Production Cross Section

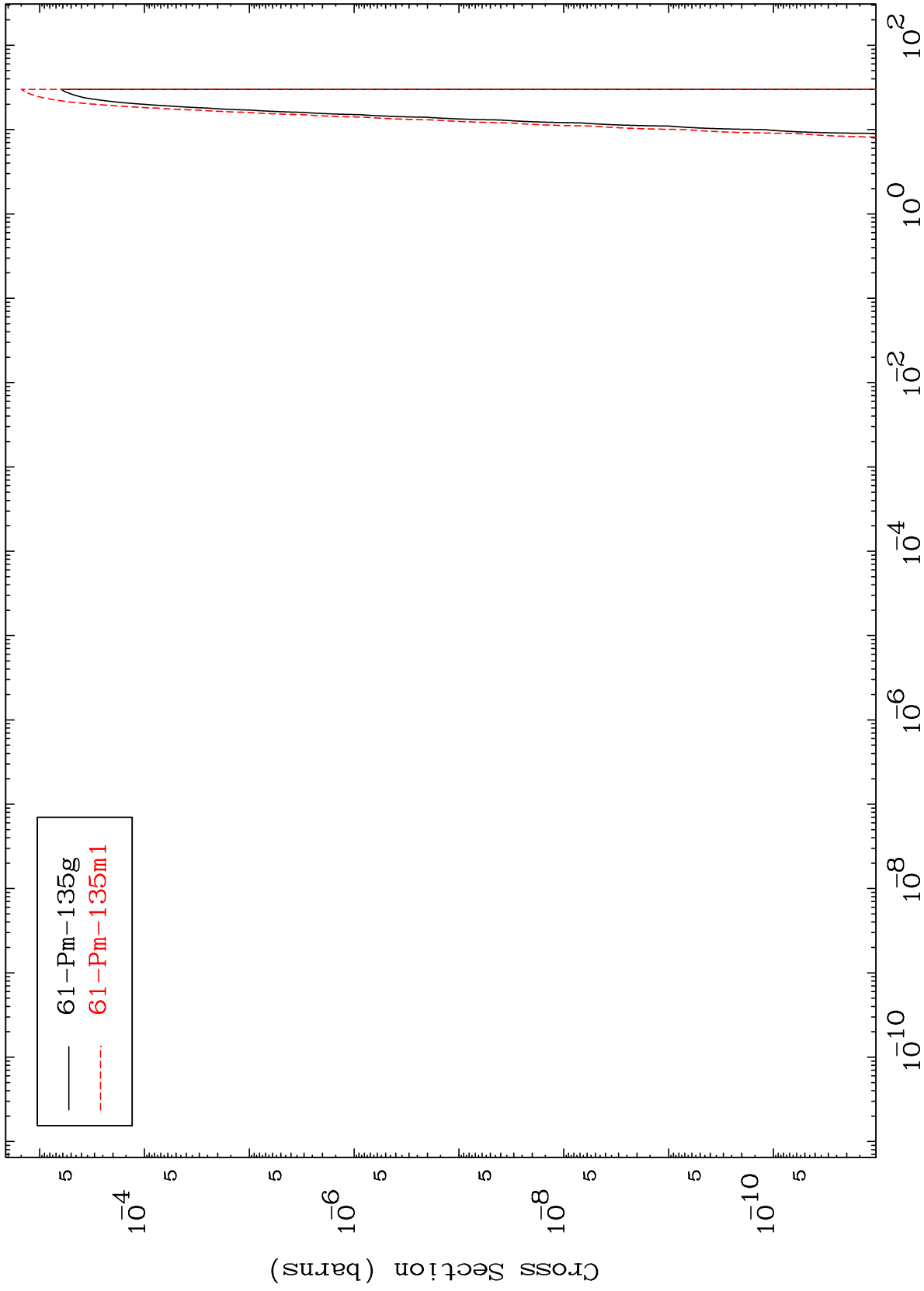


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(d,He-3)

62-Sm-136

Radionuclide Production Cross Section

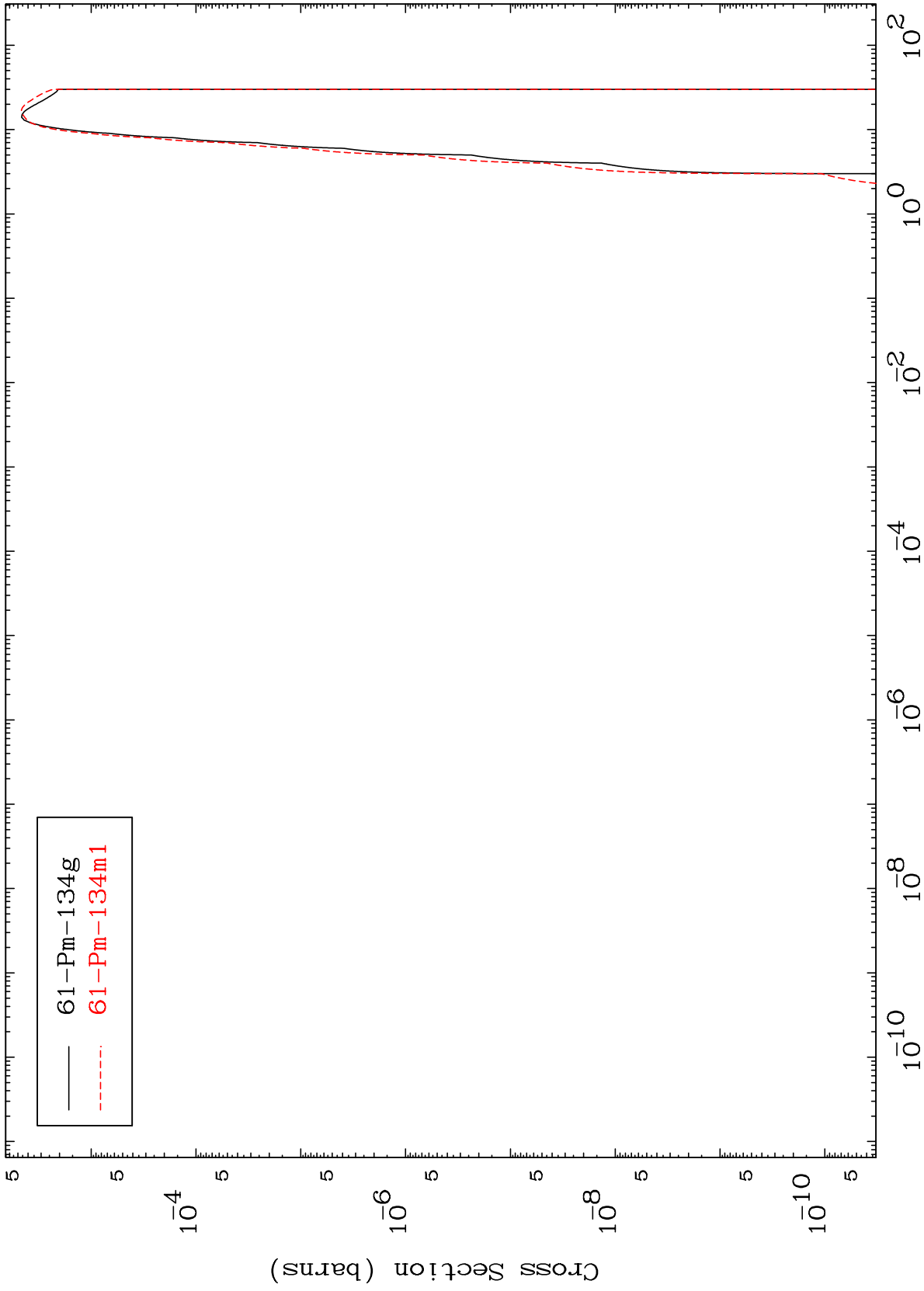


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(d, α)

62-Sm-136

Radionuclide Production Cross Section



16

Incident Energy (MeV)

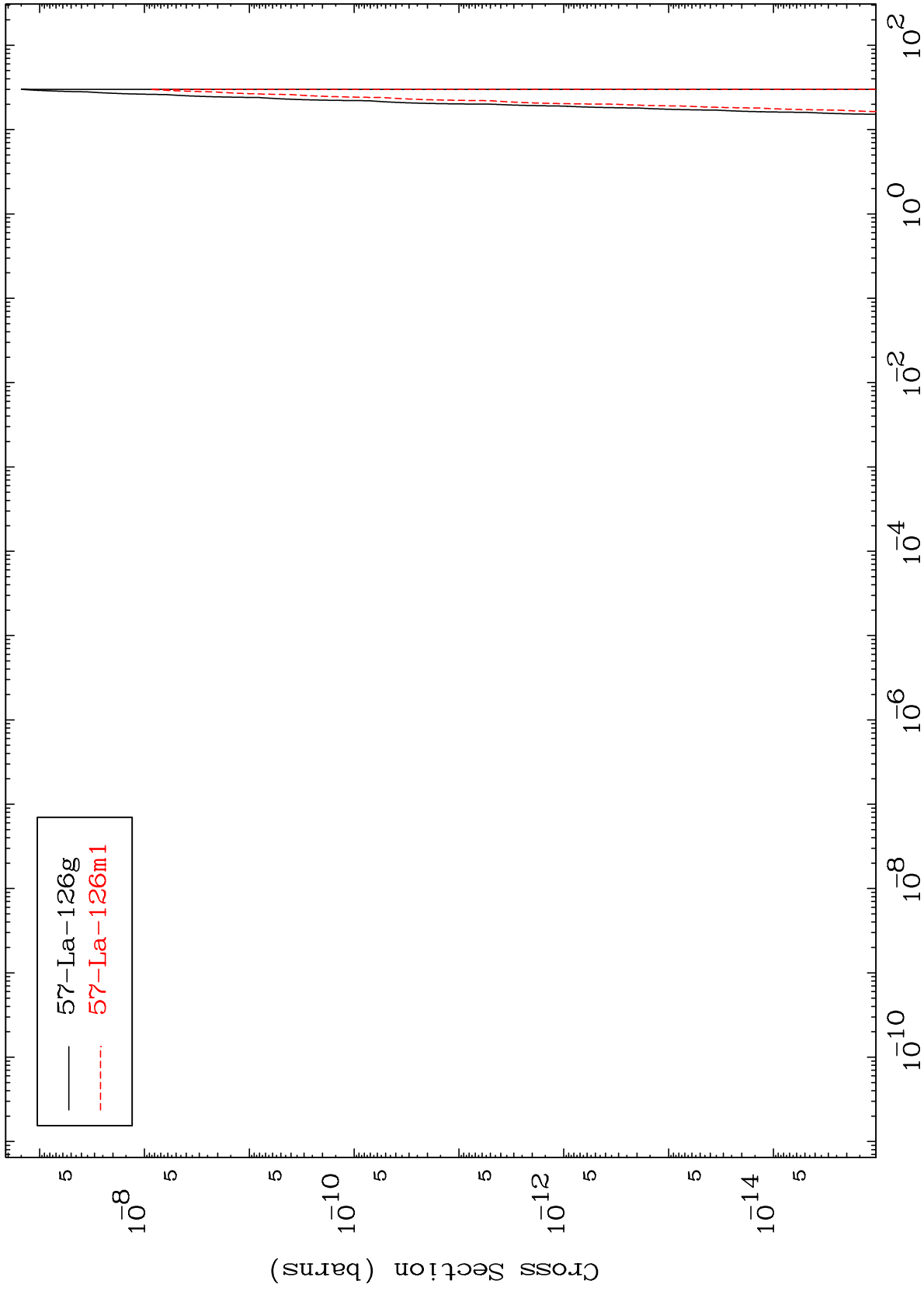
62-Sm-136

MAT 6201

(d,3 α)

62-Sm-136

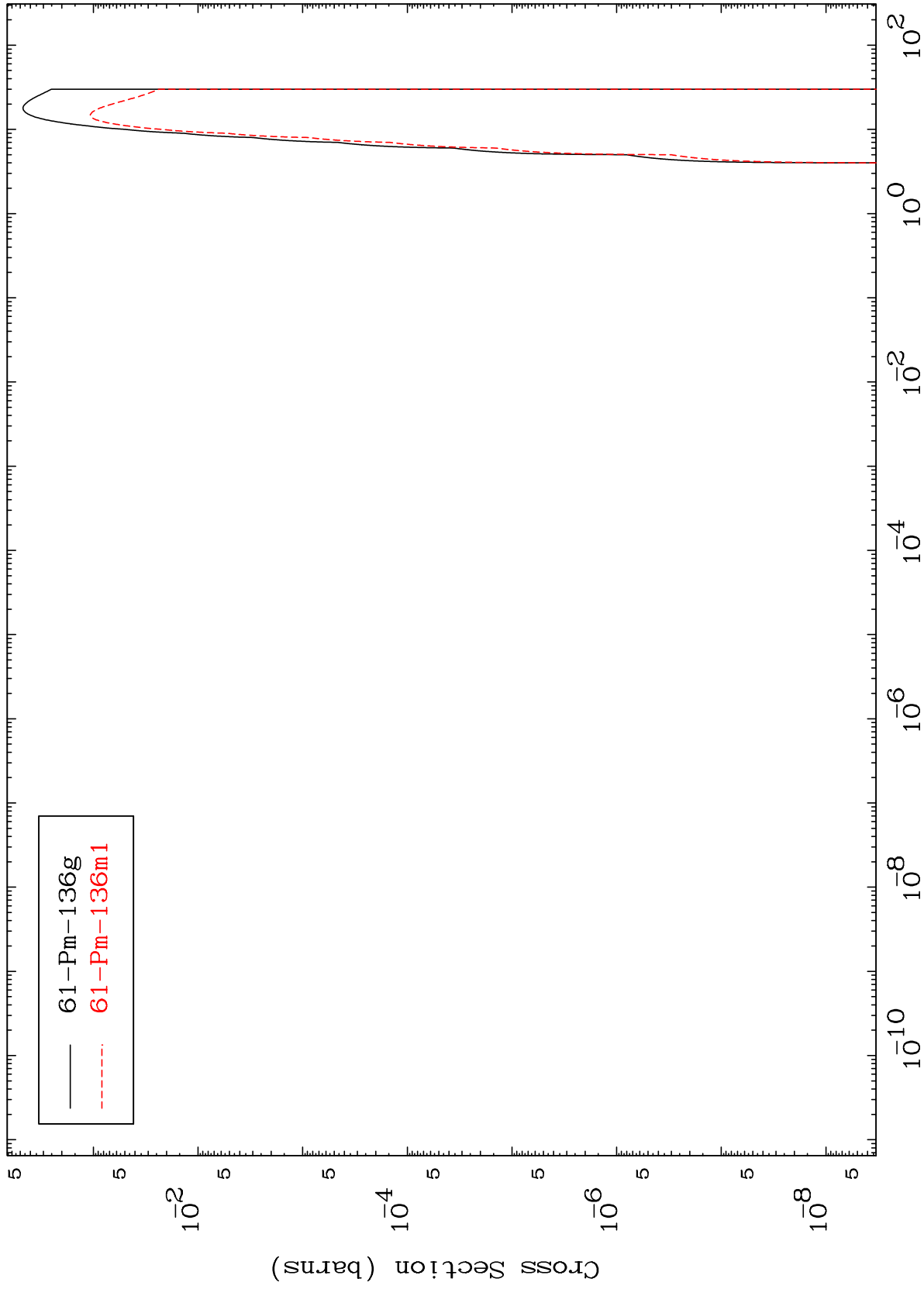
Radionuclide Production Cross Section



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Radionuclide Production Cross Section
(d,2p)

62-Sm-136

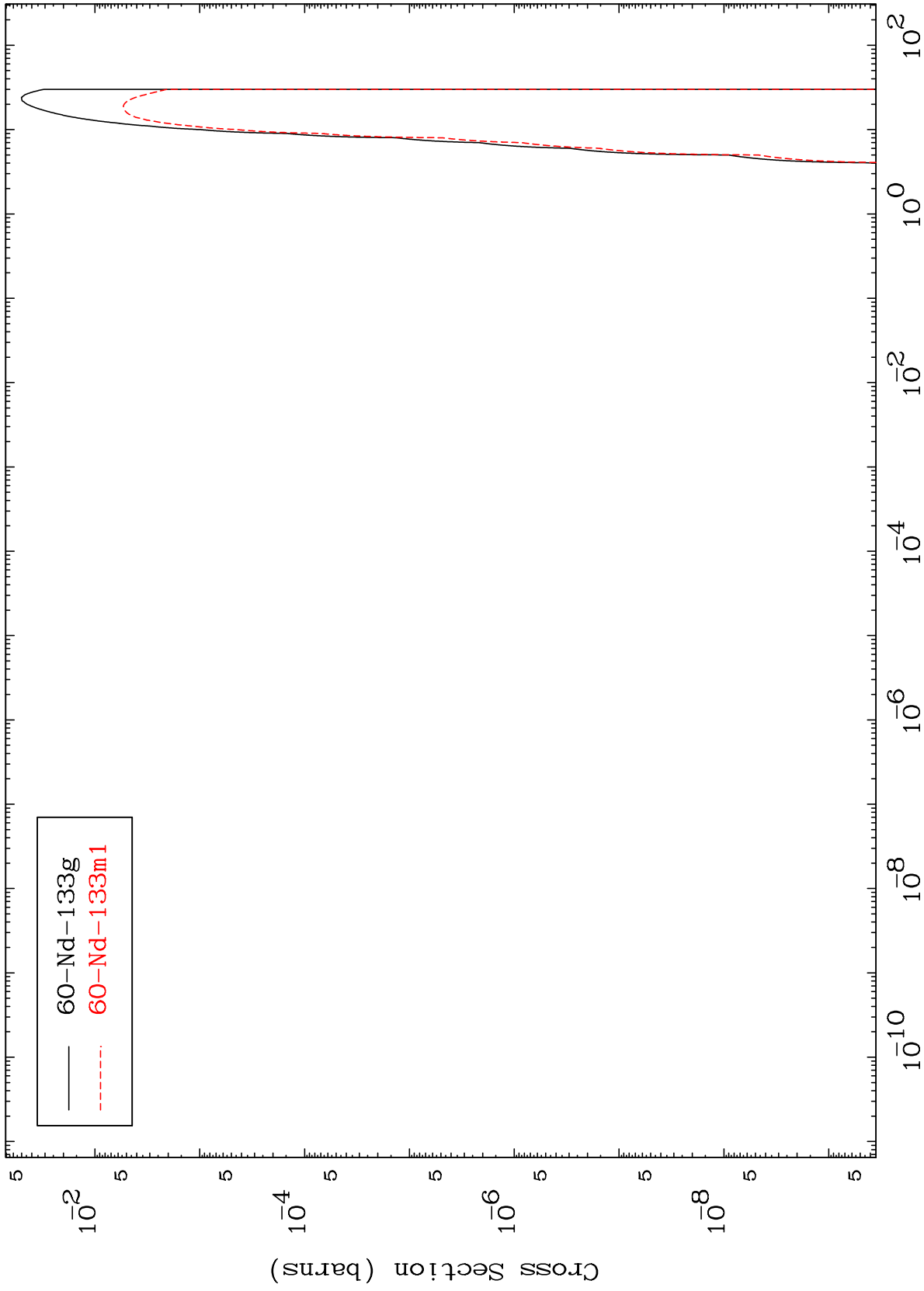


MAT 6201

(d,p) α

62-Sm-136

Radionuclide Production Cross Section

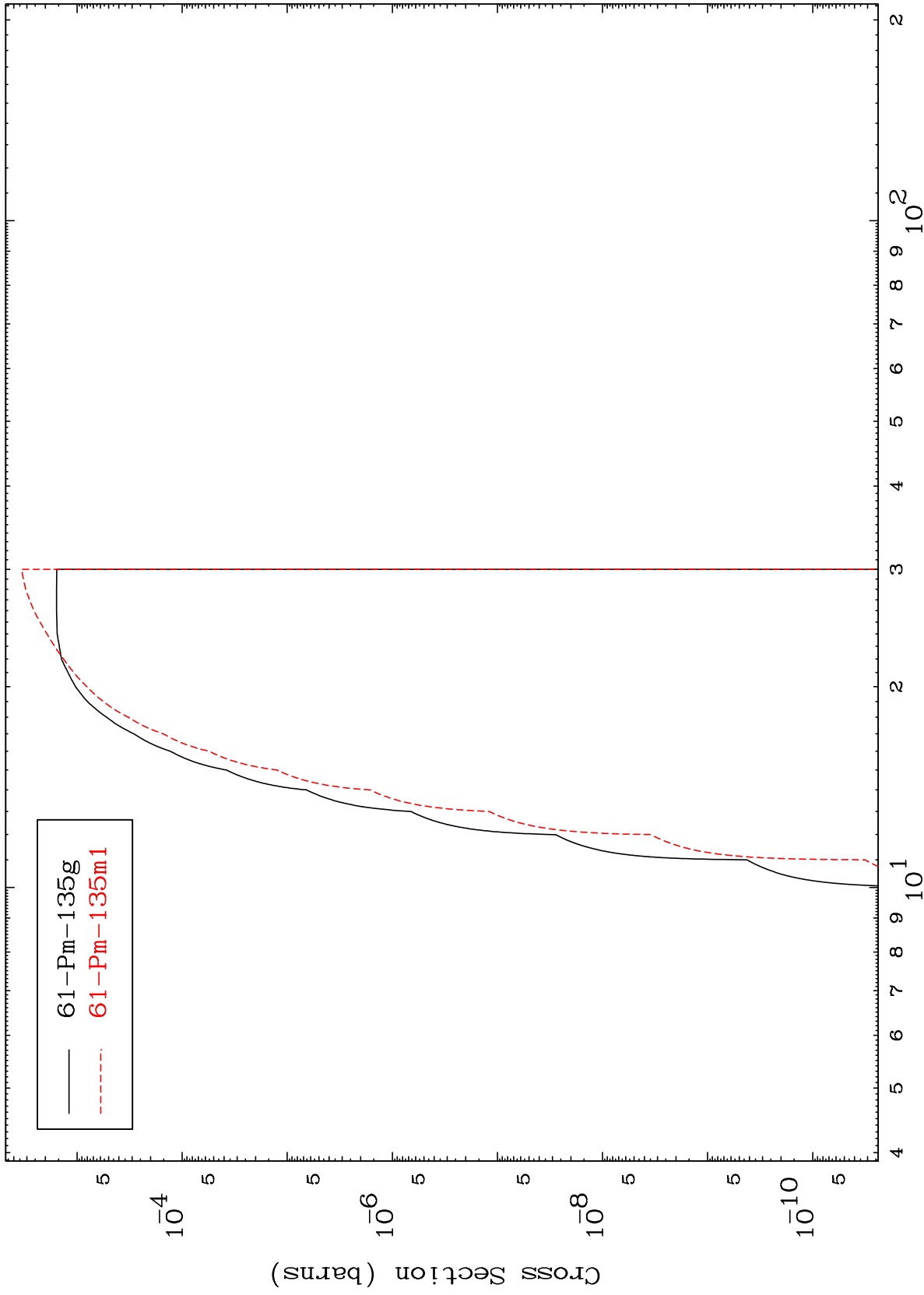


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(d,p) d

62-Sm-136

Radionuclide Production Cross Section



61-Pm-135g
61-Pm-135m1

20

Incident Energy (MeV)

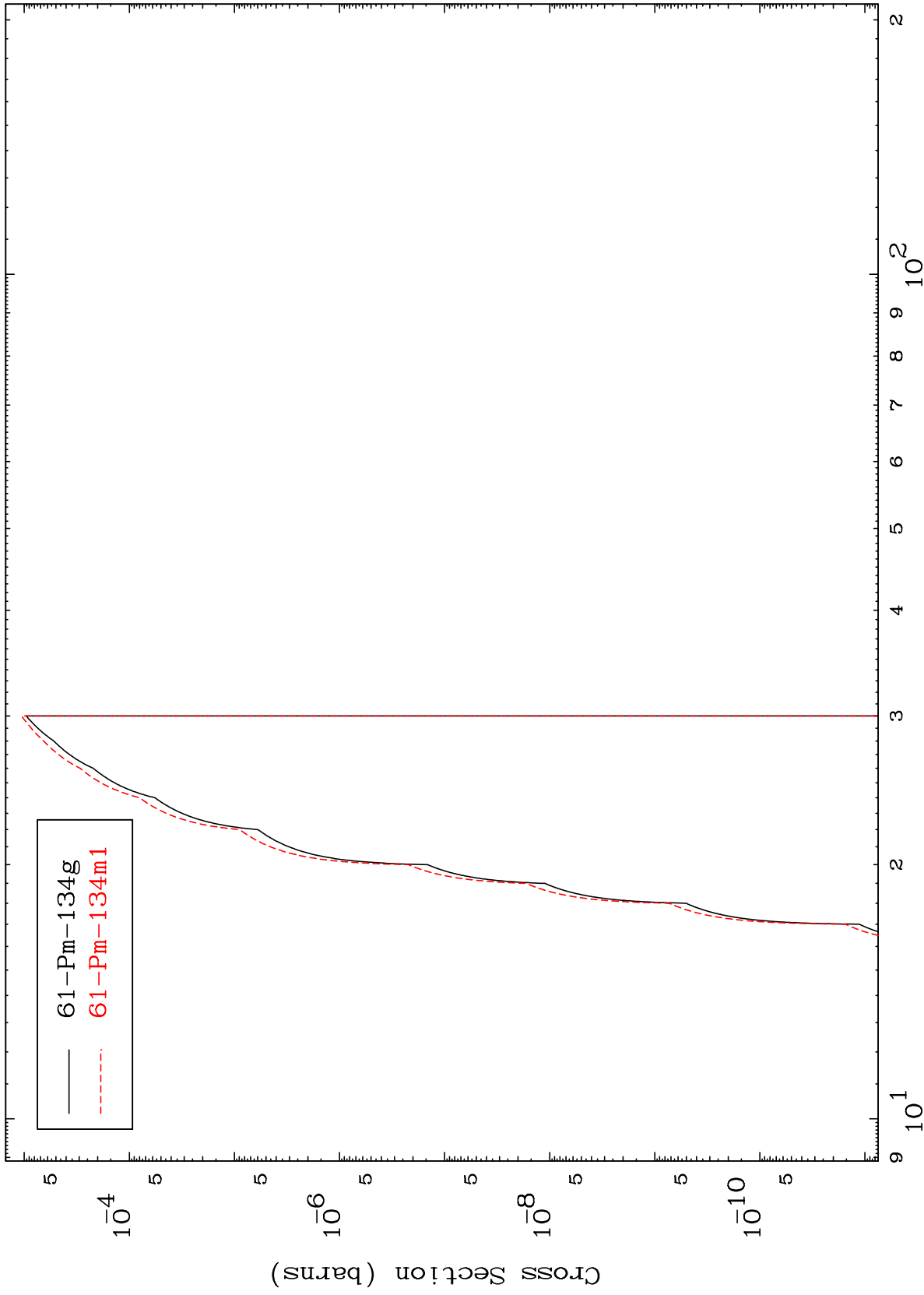
62-Sm-136

MAT 6201

(d,p) t

62-Sm-136

Radionuclide Production Cross Section



21

Incident Energy (MeV)

62-Sm-136