

Program EVALPLOT
(Version 2021-1)

by

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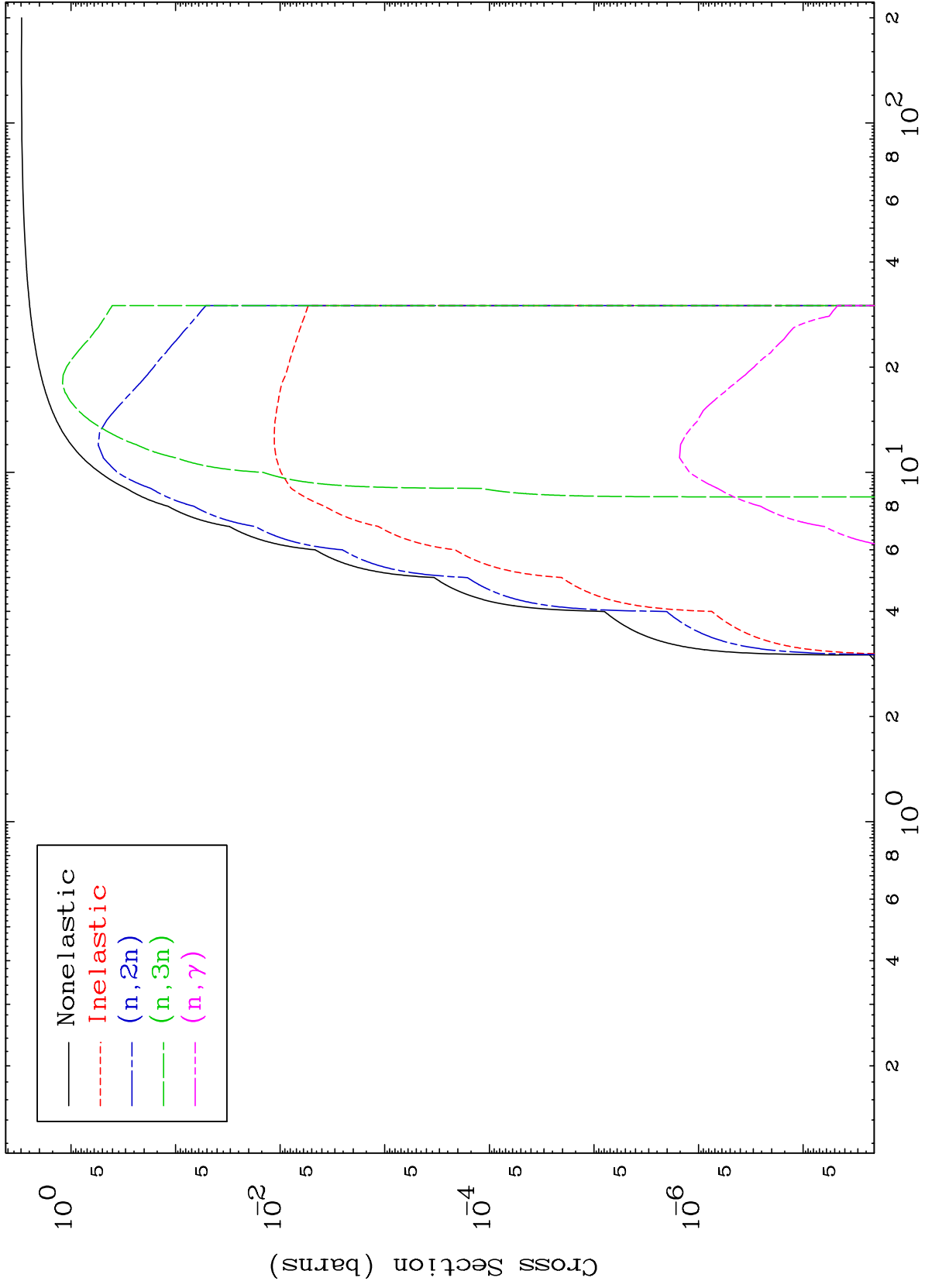
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7135

Deuteron Major
0 Kelvin Cross Sections

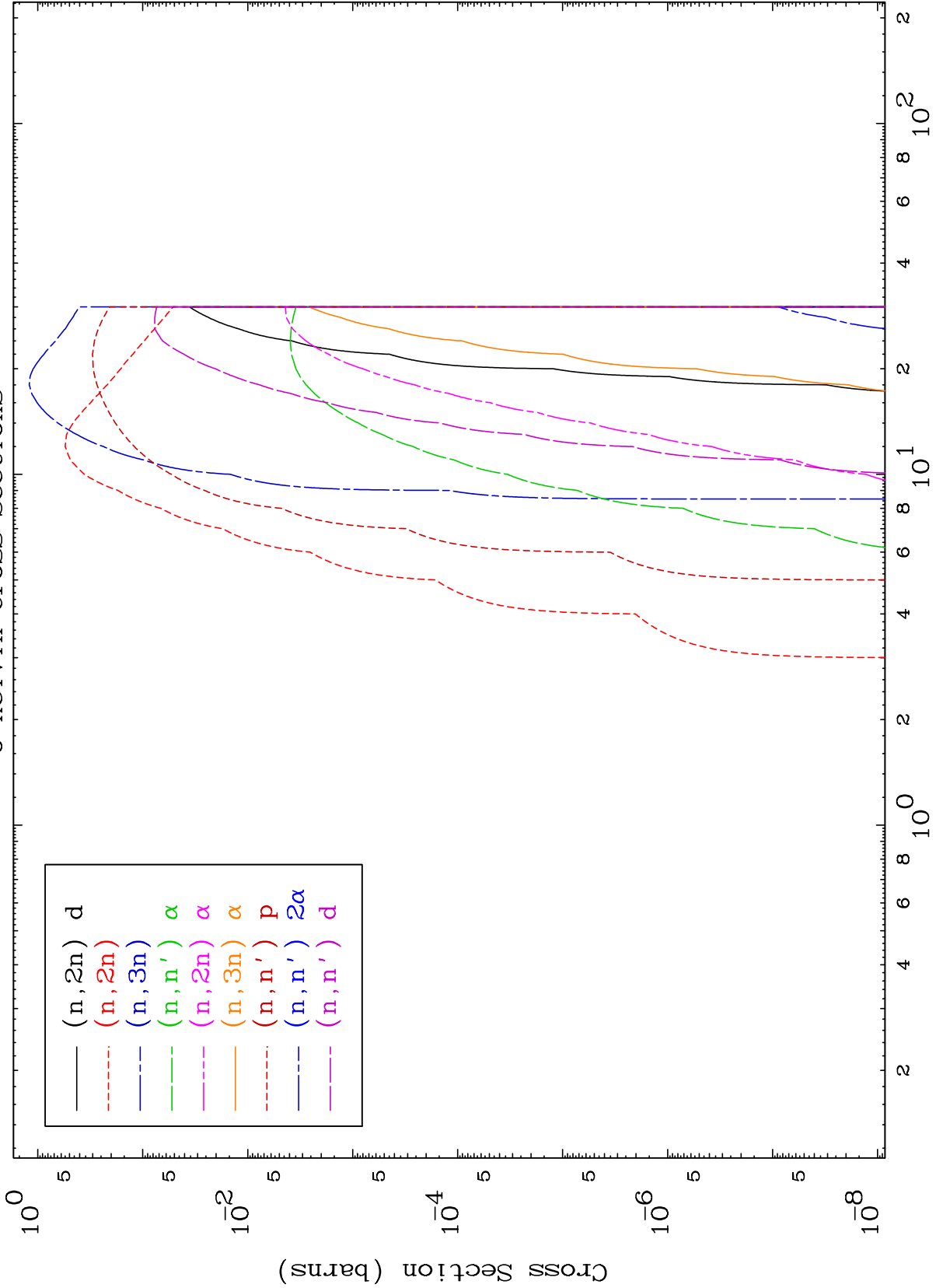
71-Lu-178m



MAT 7135

Deuteron Neutron Absorption
0 Kelvin Cross Sections

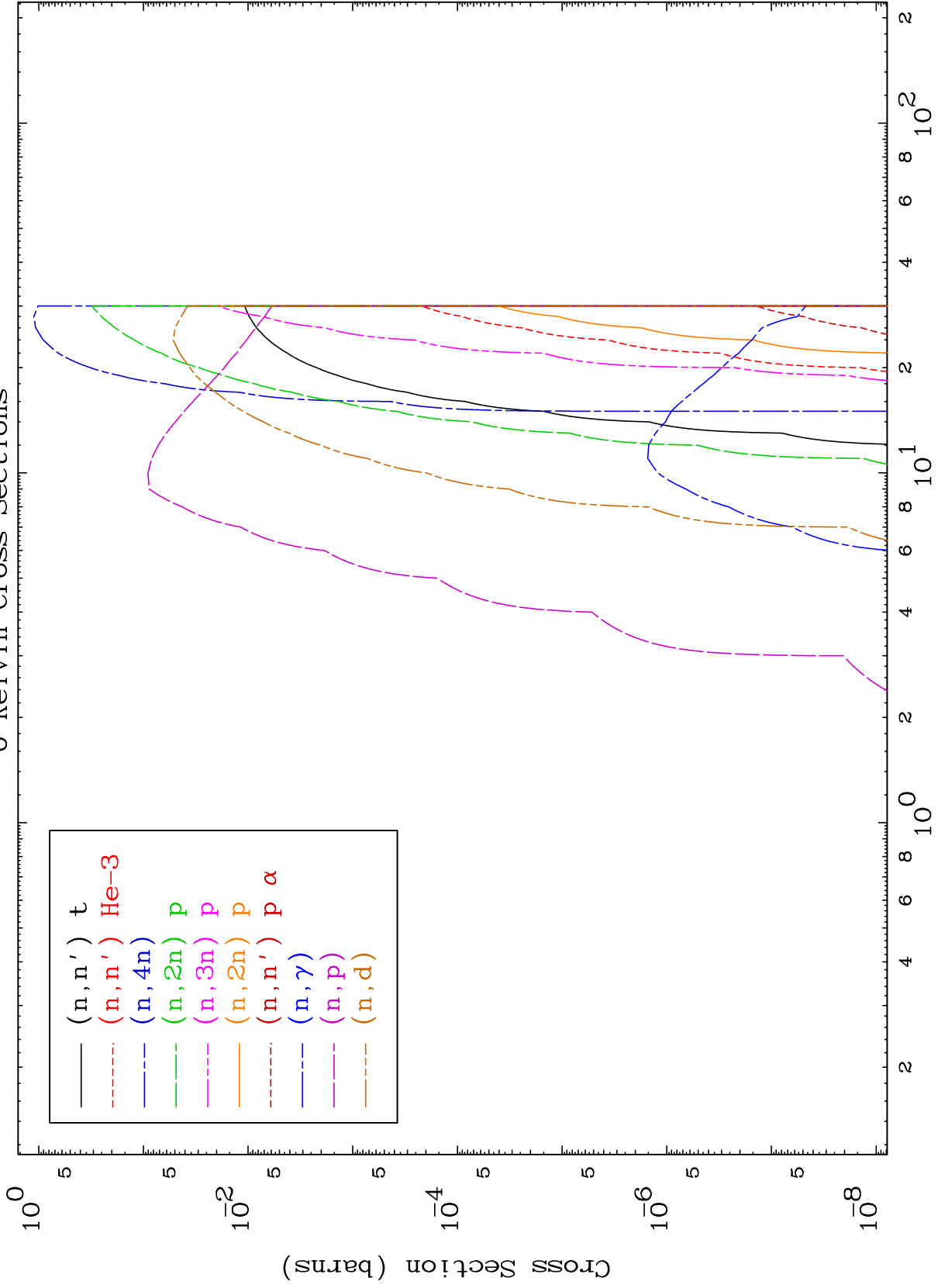
71-Lu-178m



MAT 7135

Deuteron Neutron Absorption
0 Kelvin Cross Sections

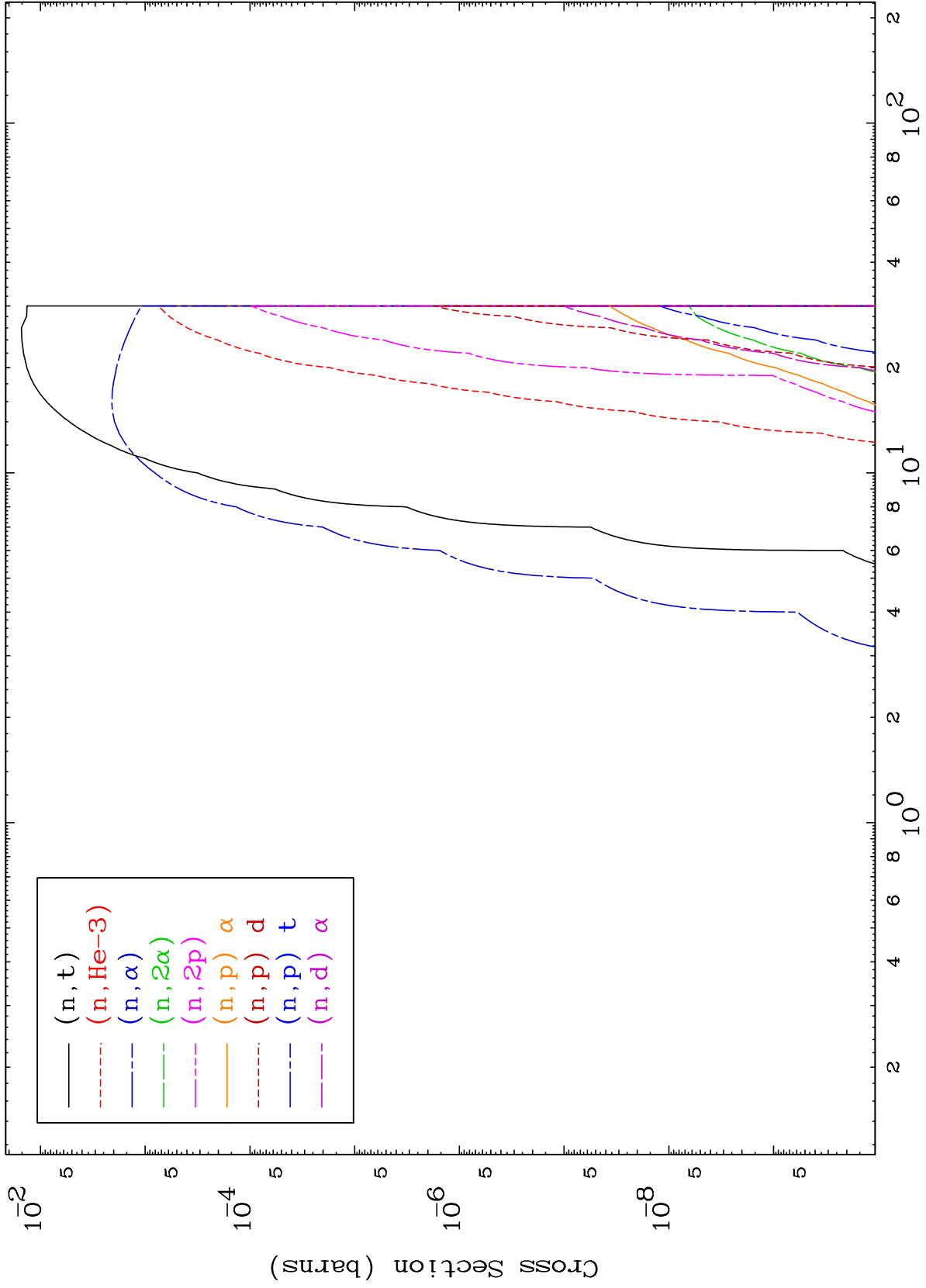
71-Lu-178m



MAT 7135

Deuteron Neutron Absorption
0 Kelvin Cross Sections

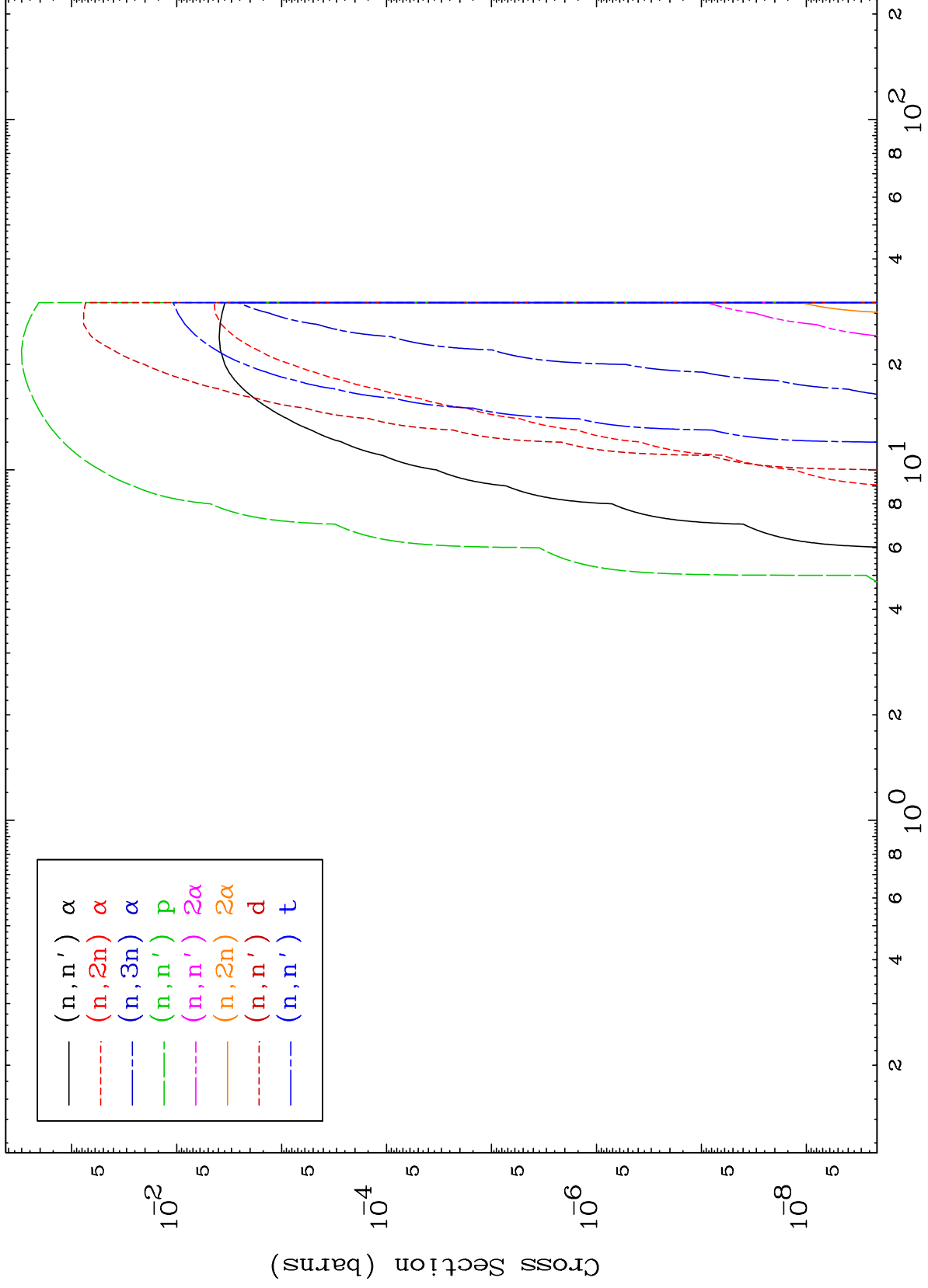
71-Lu-178m



MAT 7135

Deuteron Charged Particle
0 Kelvin Cross Sections

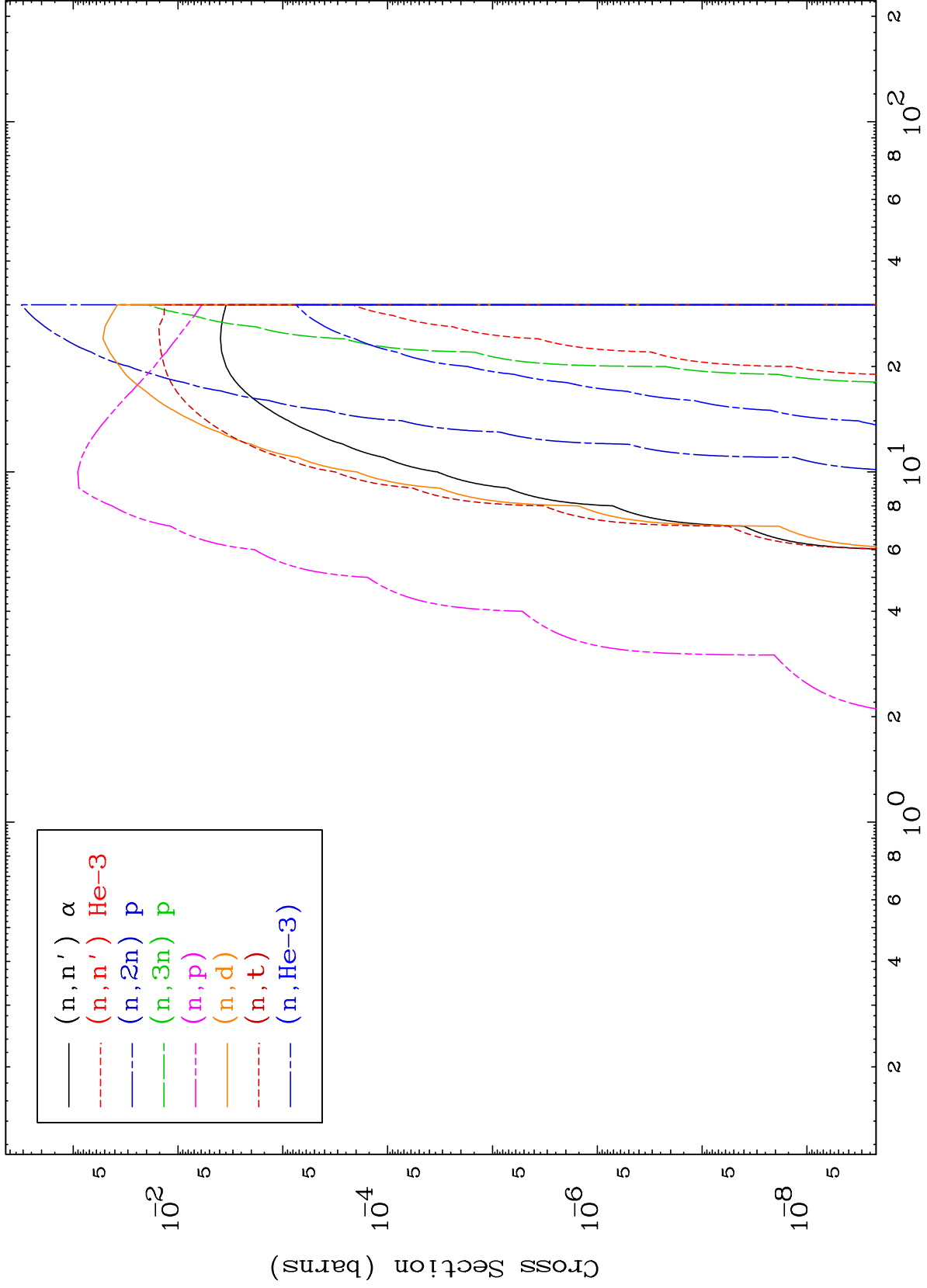
71-Lu-178m



MAT 7135

Deuteron Charged Particle
0 Kelvin Cross Sections

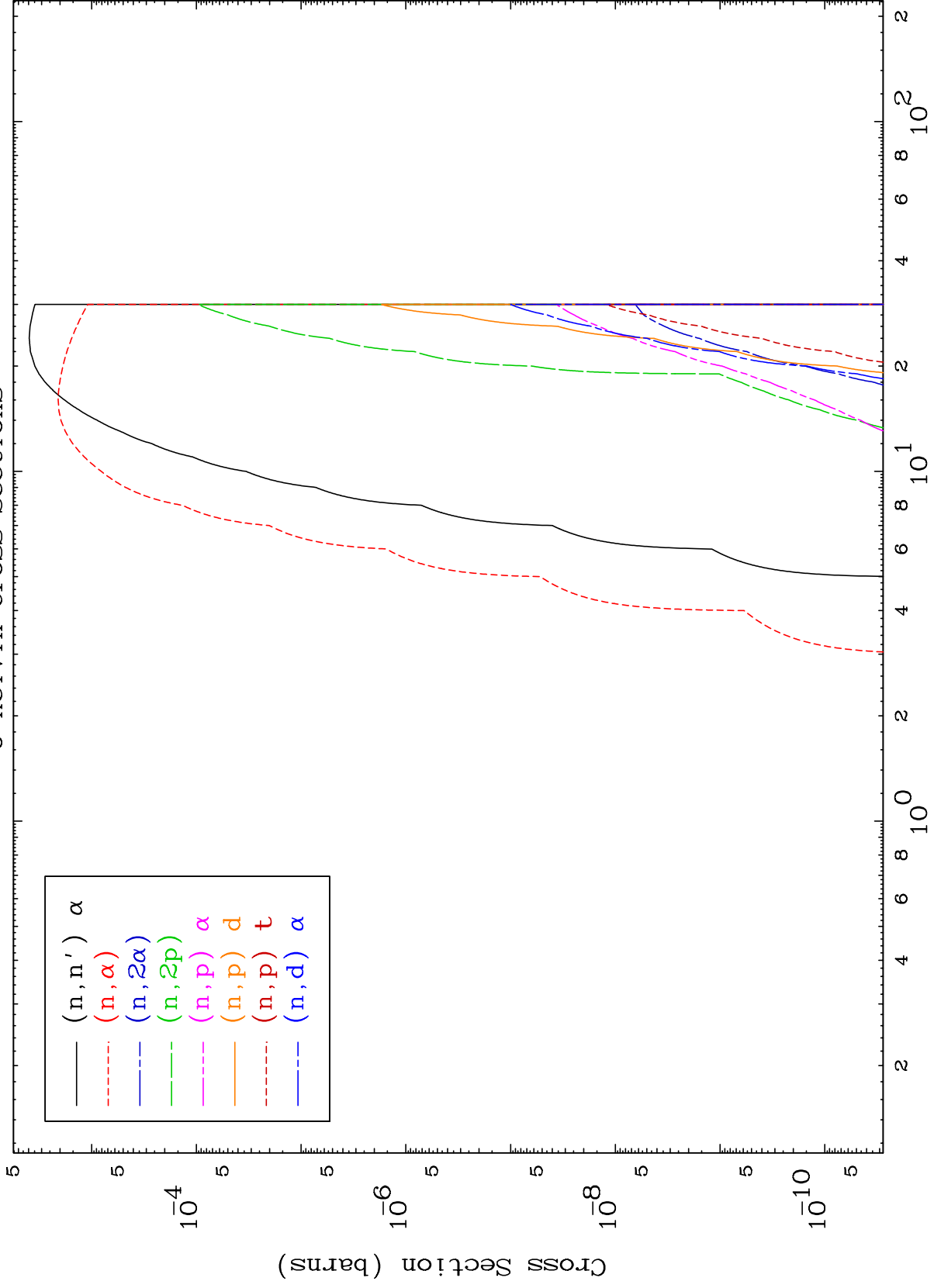
71-Lu-178m



MAT 7135

Deuteron Charged Particle
0 Kelvin Cross Sections

71-Lu-178m

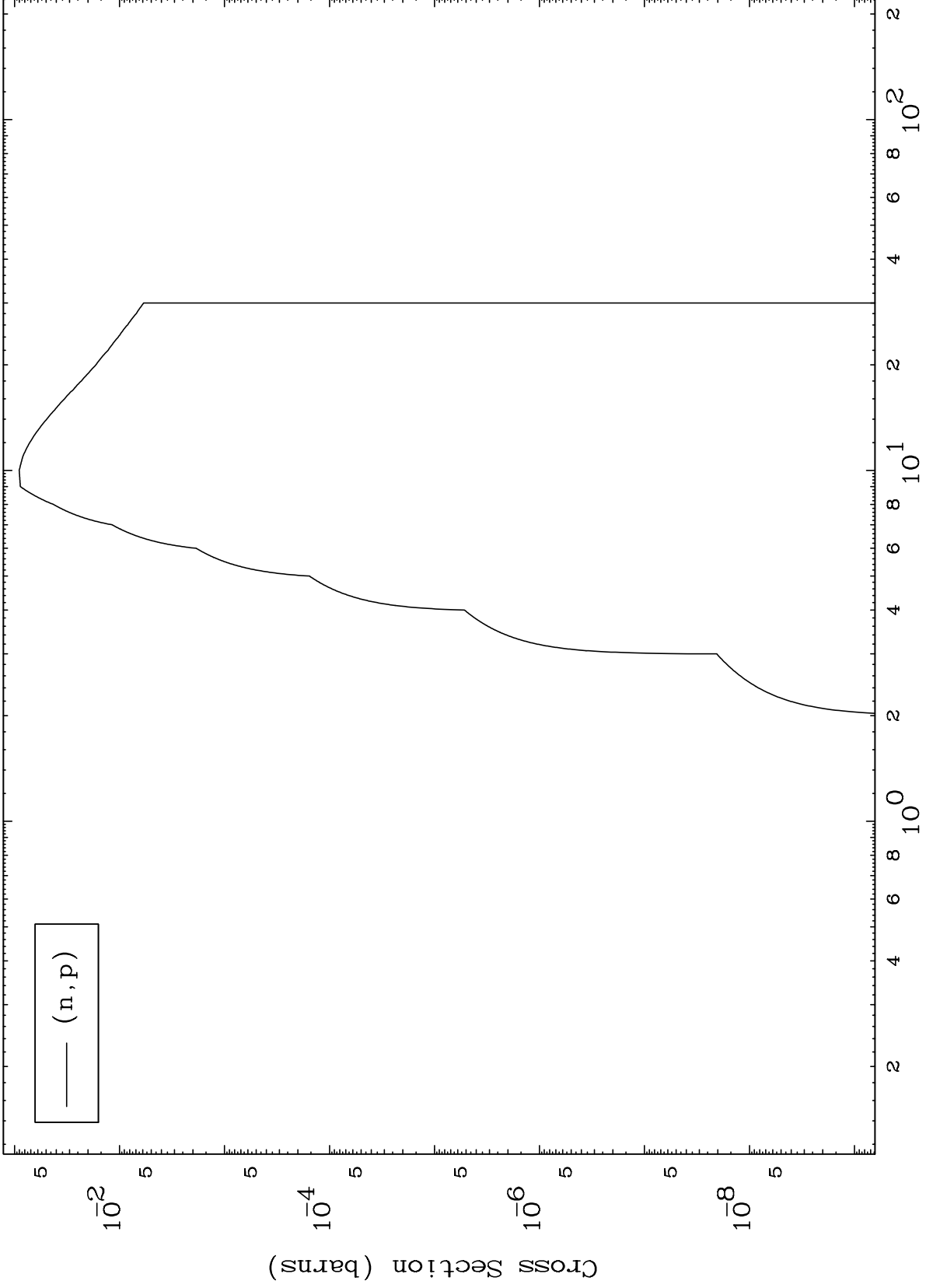


MAT 7135

(d,p) Levels

⁷¹Lu-178m

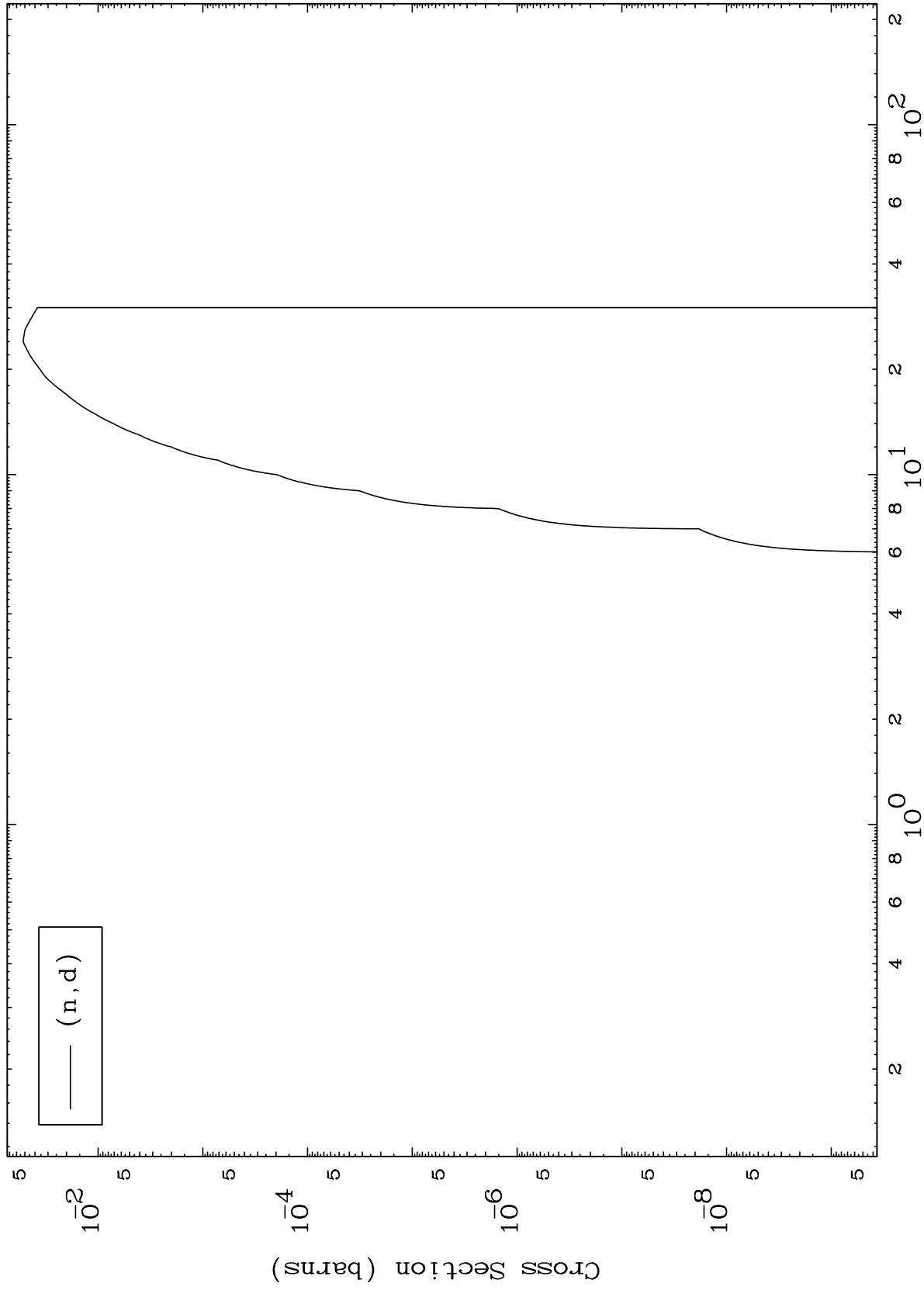
0 Kelvin Cross Sections



MAT 7135

71-Lu-178m

(d,d) Levels
0 Kelvin Cross Sections

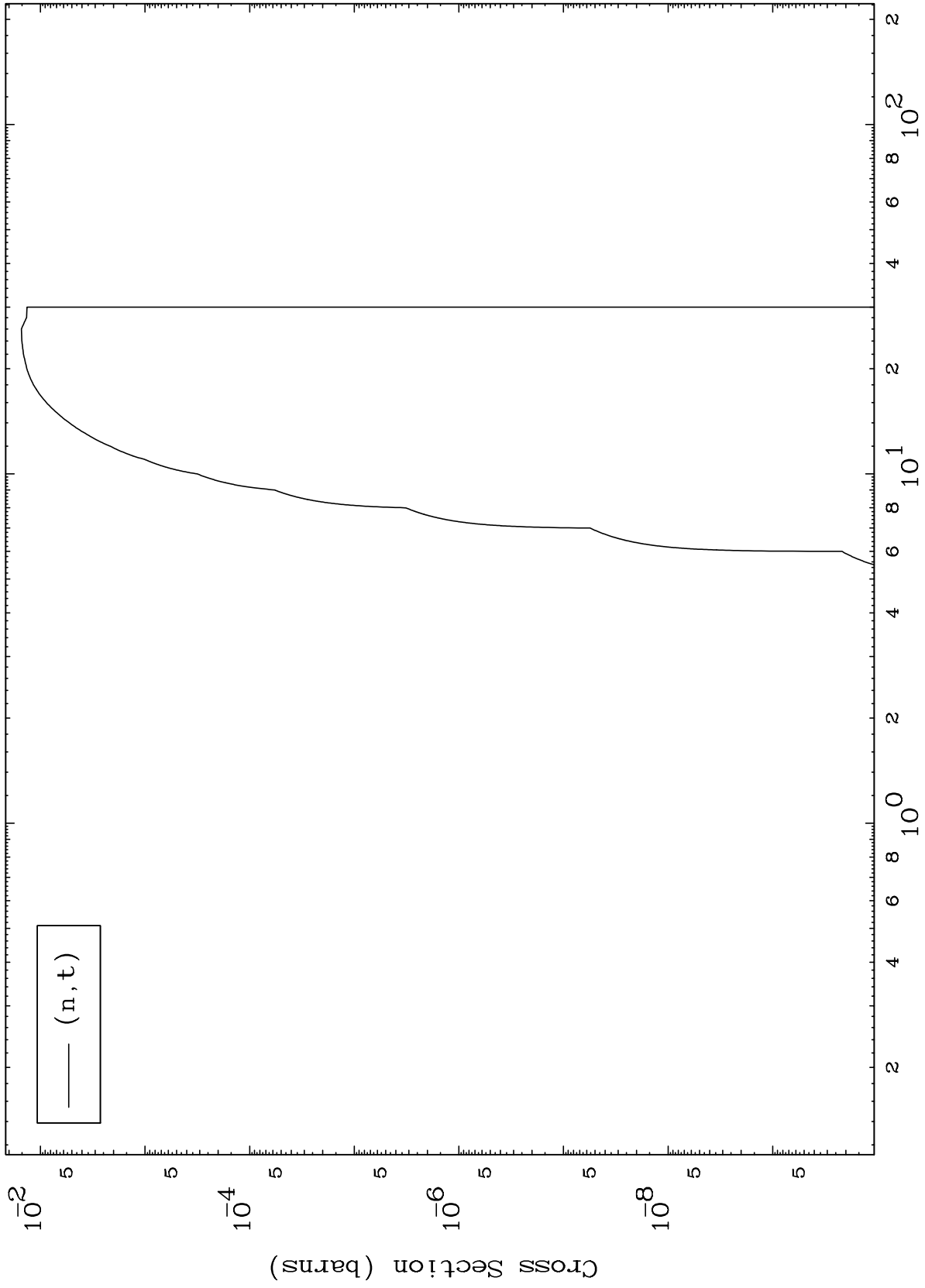


MAT 7135

(d, t) Levels

71-Lu-178m

0 Kelvin Cross Sections



(n, t)

10

Incident Energy (MeV)

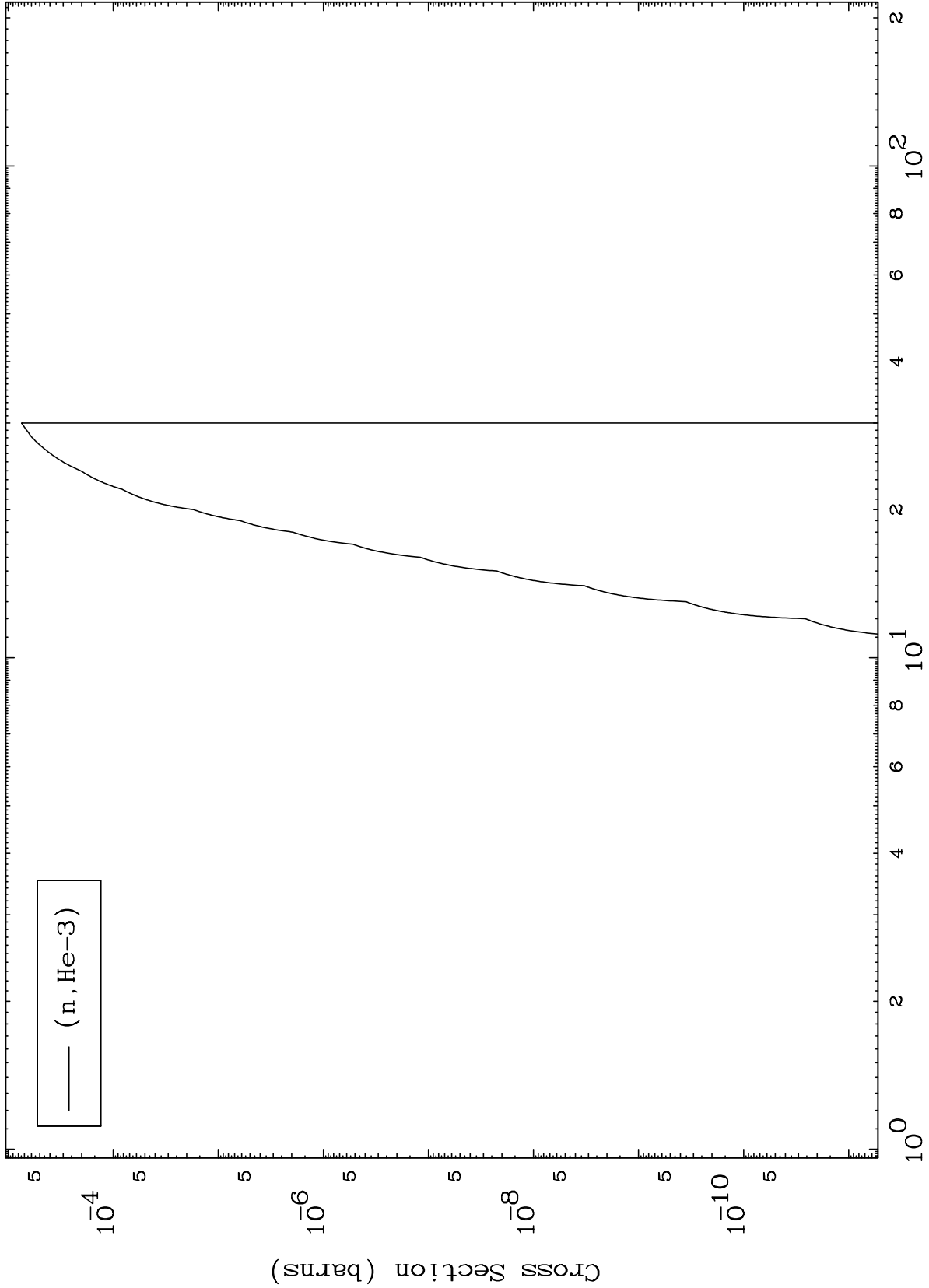
71-Lu-178m

MAT 7135

(d,He3) Levels

71-Lu-178m

0 Kelvin Cross Sections



11

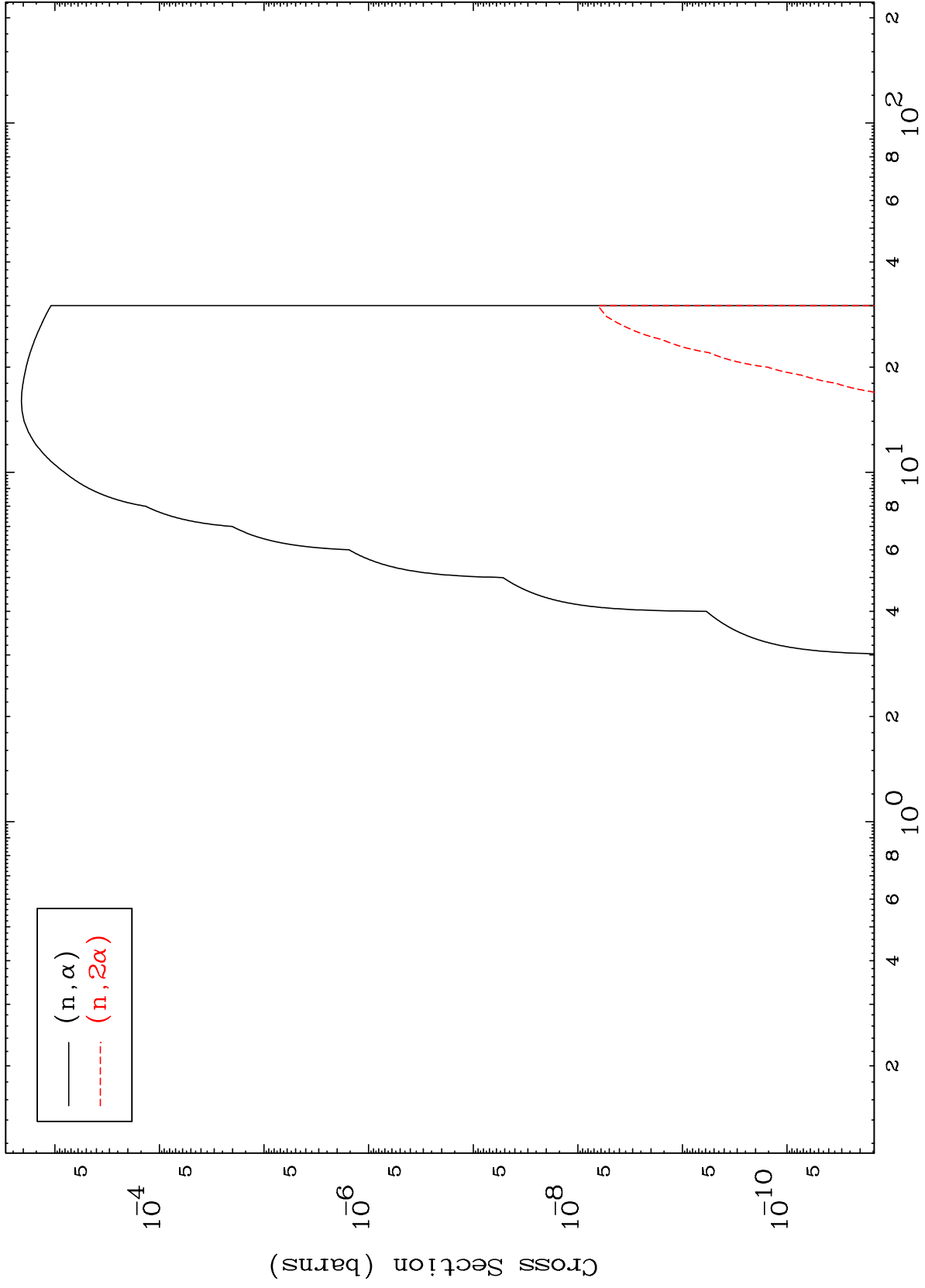
Incident Energy (MeV)

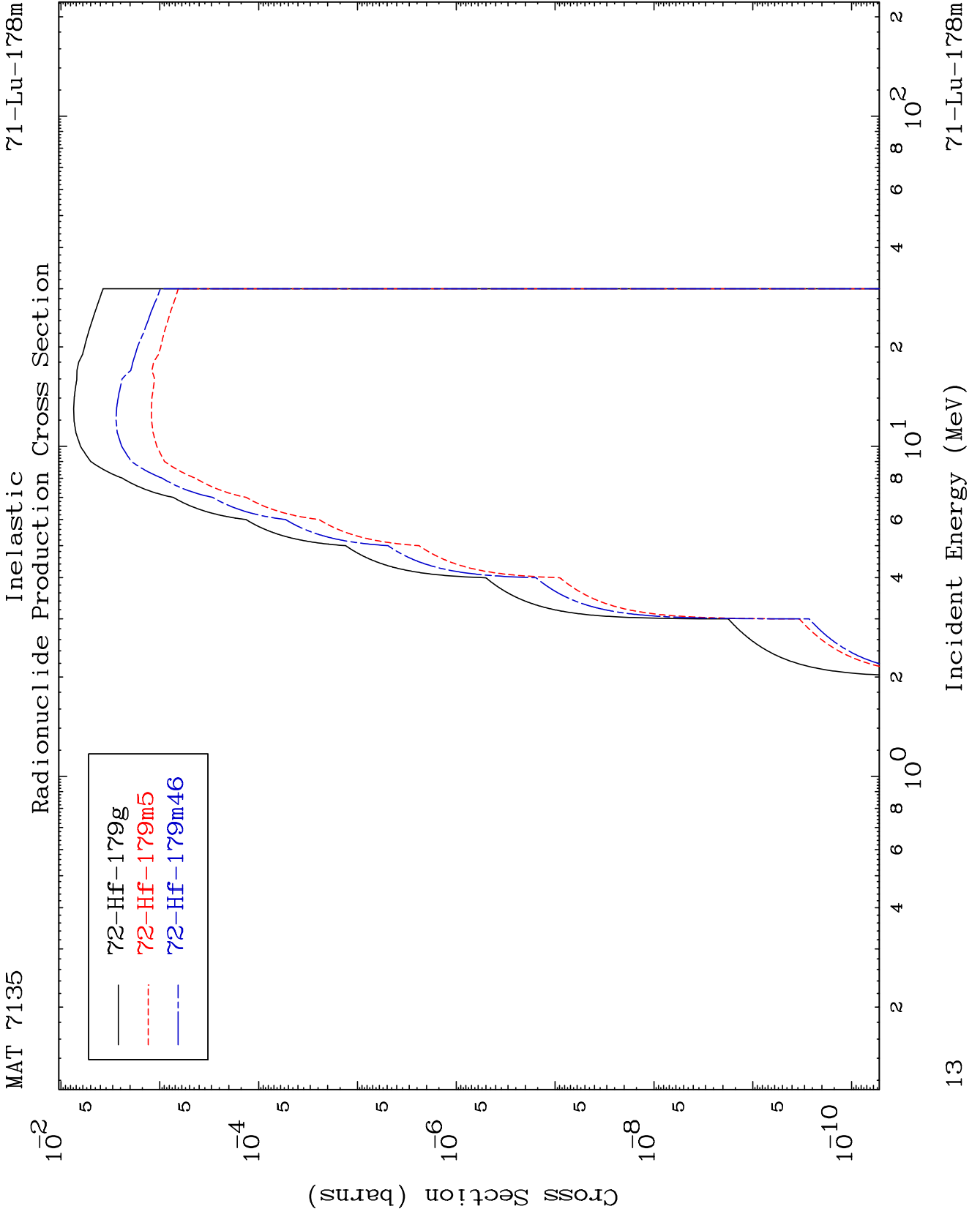
71-Lu-178m

MAT 7135

(d, α) Levels
0 Kelvin Cross Sections

71-Lu-178m



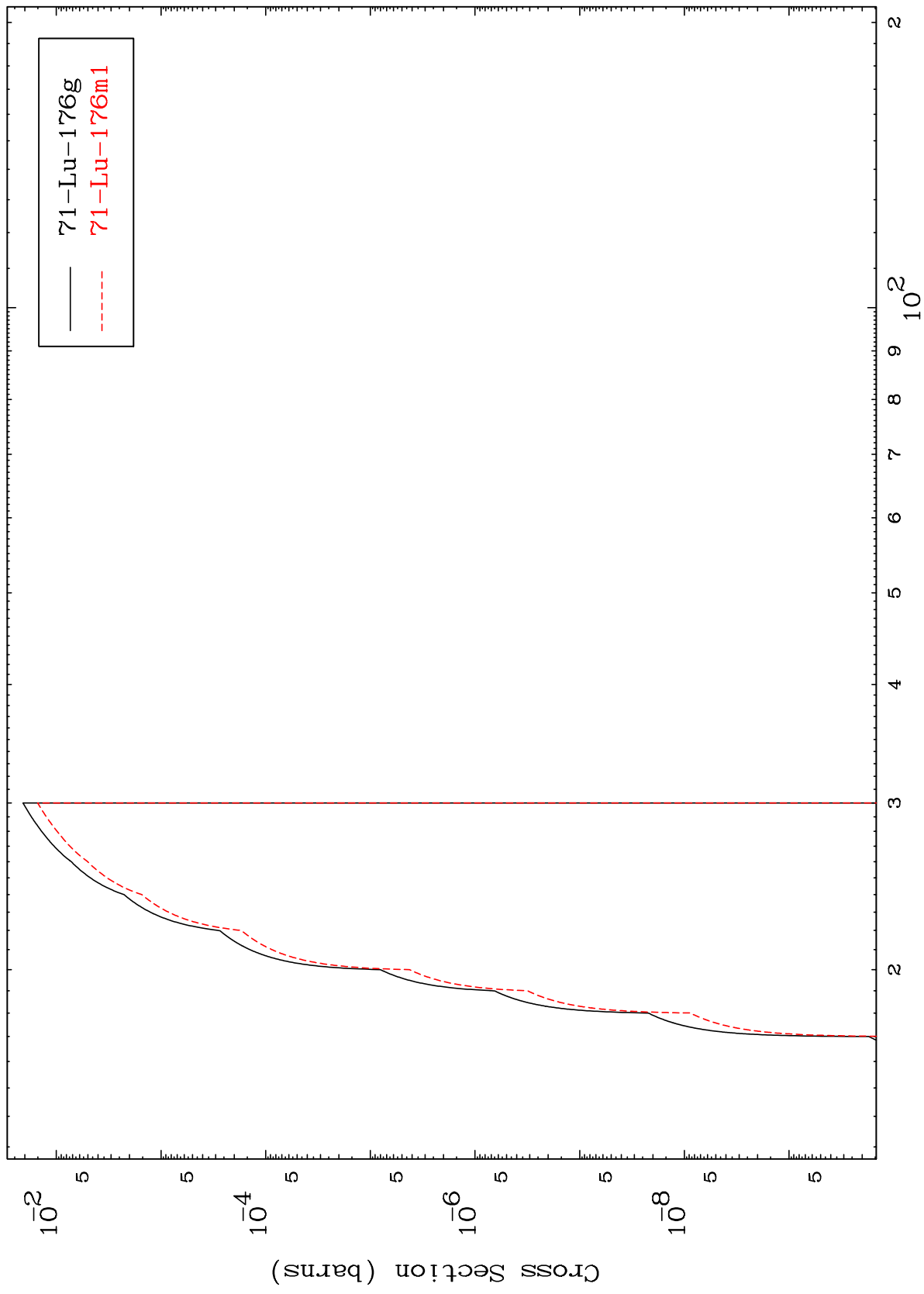


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(n,2n) d

71-Lu-178m

Radionuclide Production Cross Section



14

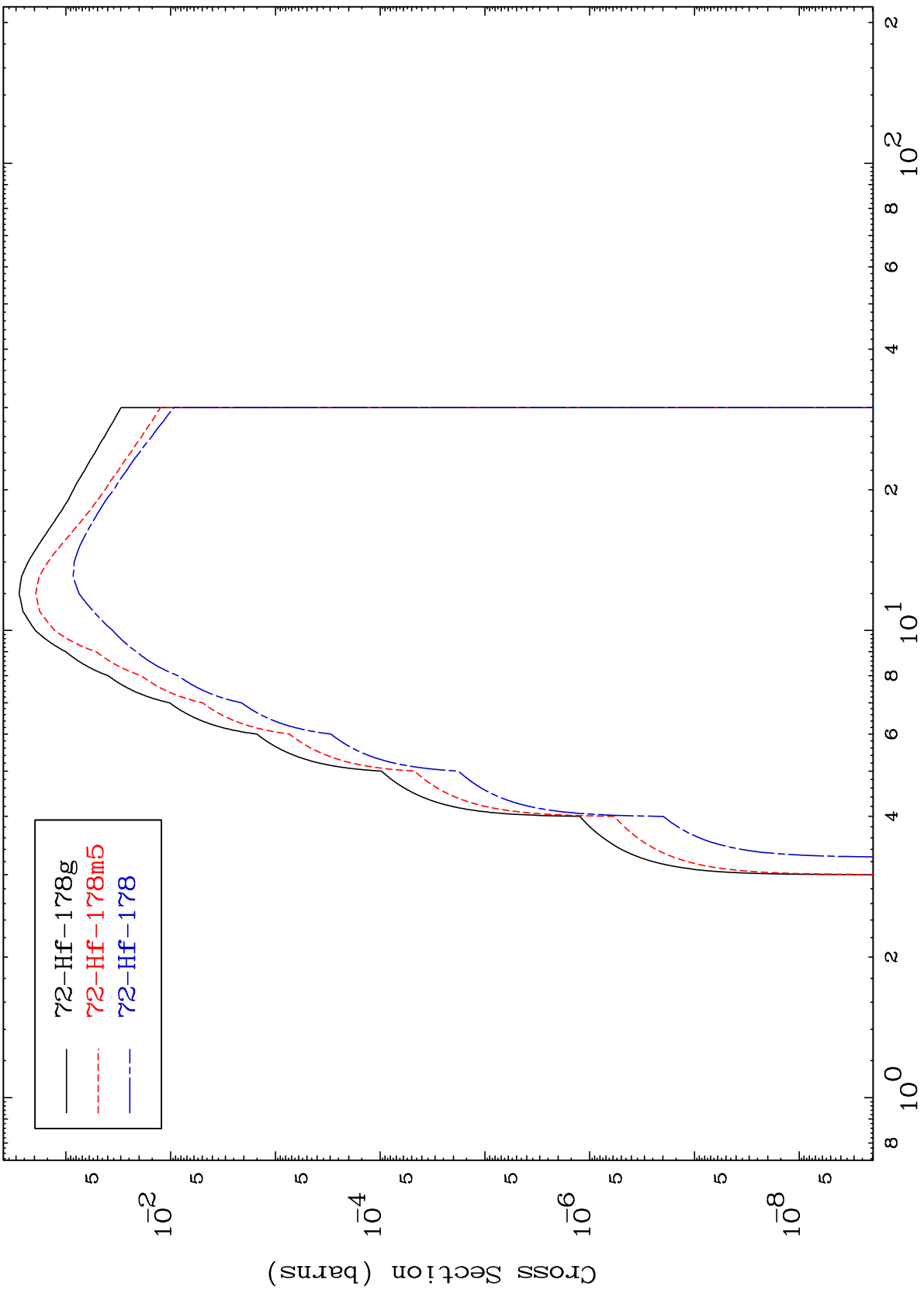
Incident Energy (MeV)

71-Lu-178m

MAT 7135

71-Lu-178m

Radionuclide Production Cross Section
(n,2n)



72-Hf-178g
72-Hf-178m5
72-Hf-178

15

Incident Energy (MeV)

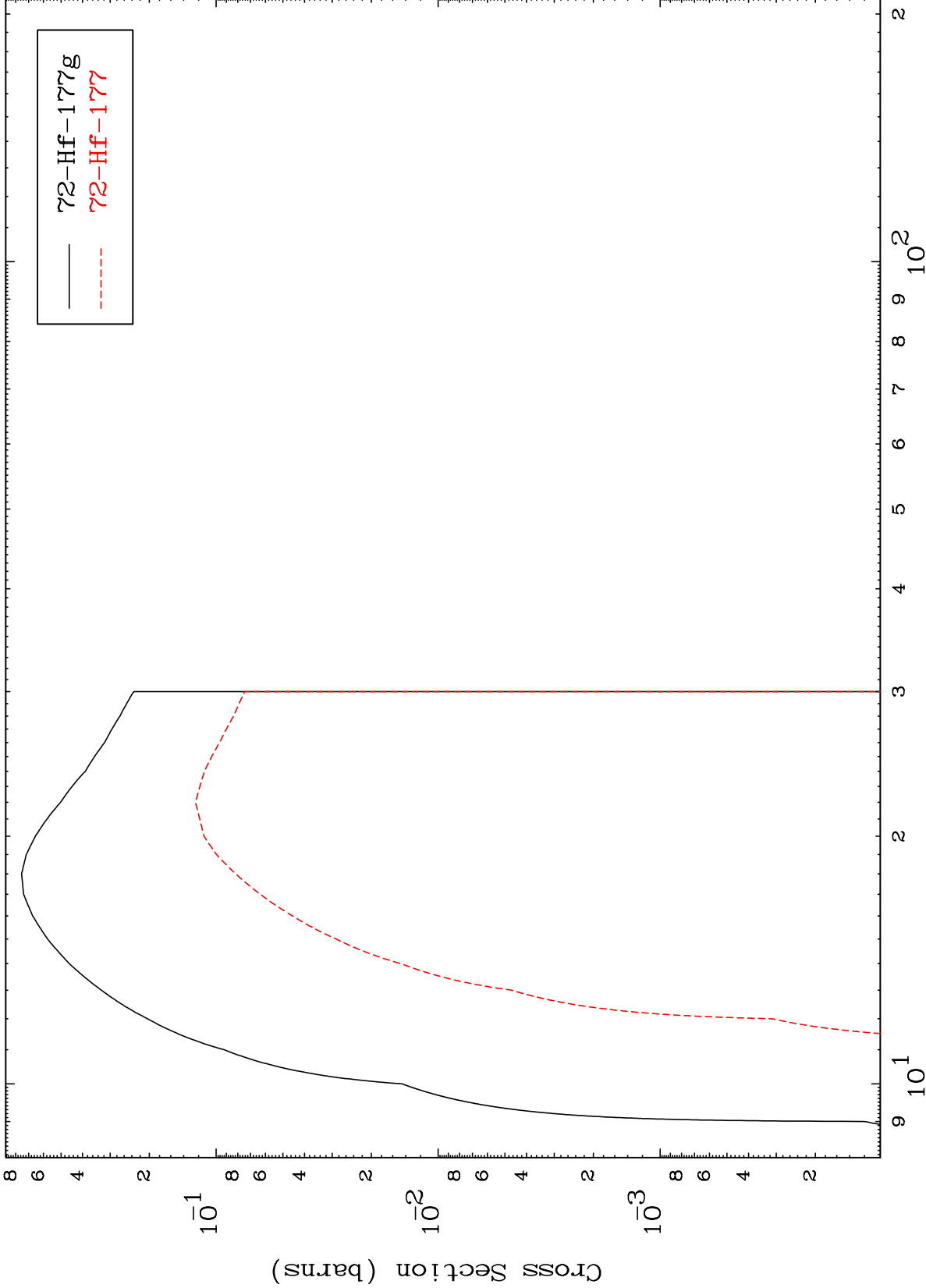
71-Lu-178m

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(n,3n)

71-Lu-178m

Radionuclide Production Cross Section



16

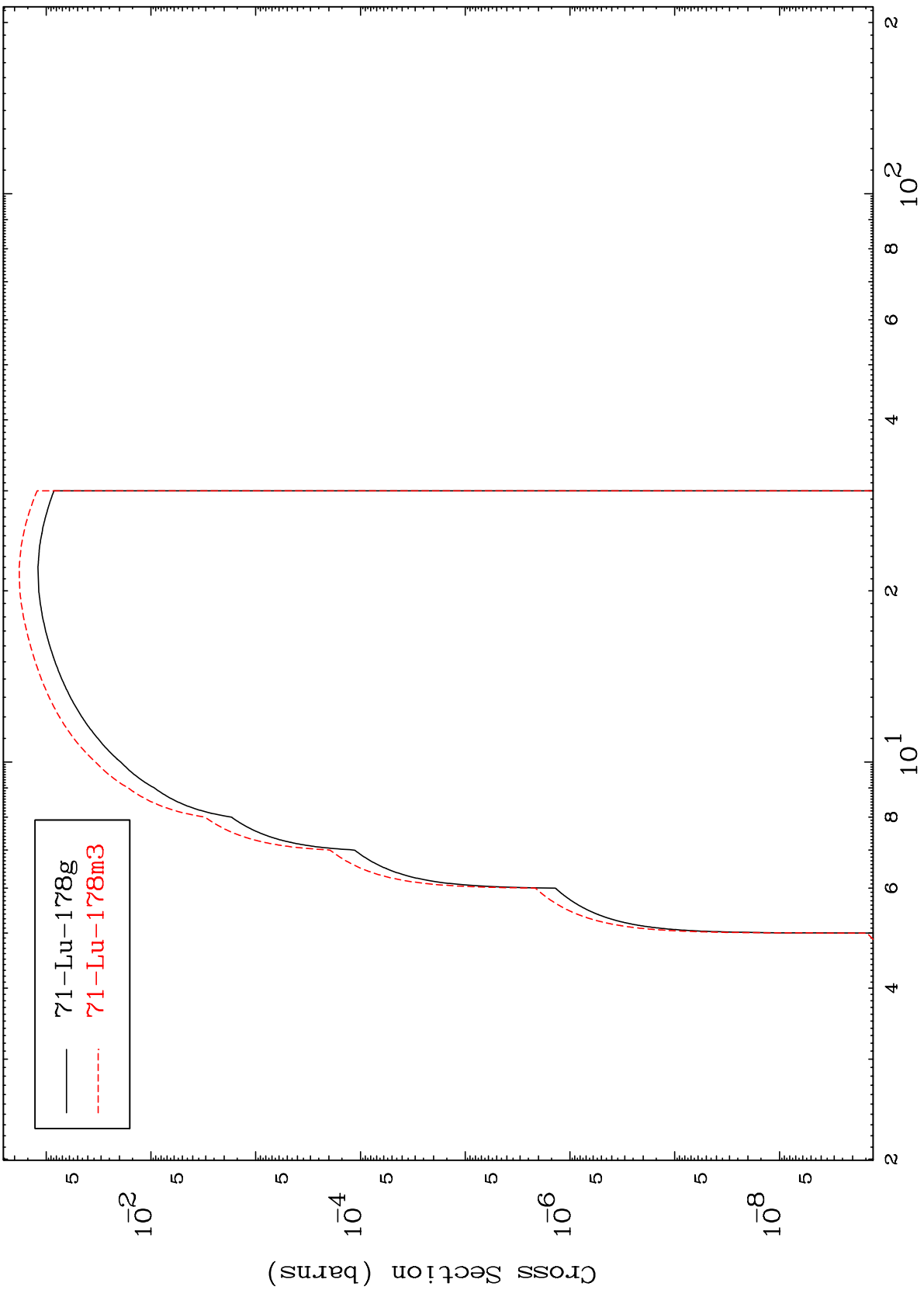
Incident Energy (MeV)

71-Lu-178m

MAT 7135

71-Lu-178m

(n,n') p
Radionuclide Production Cross Section



17

71-Lu-178m

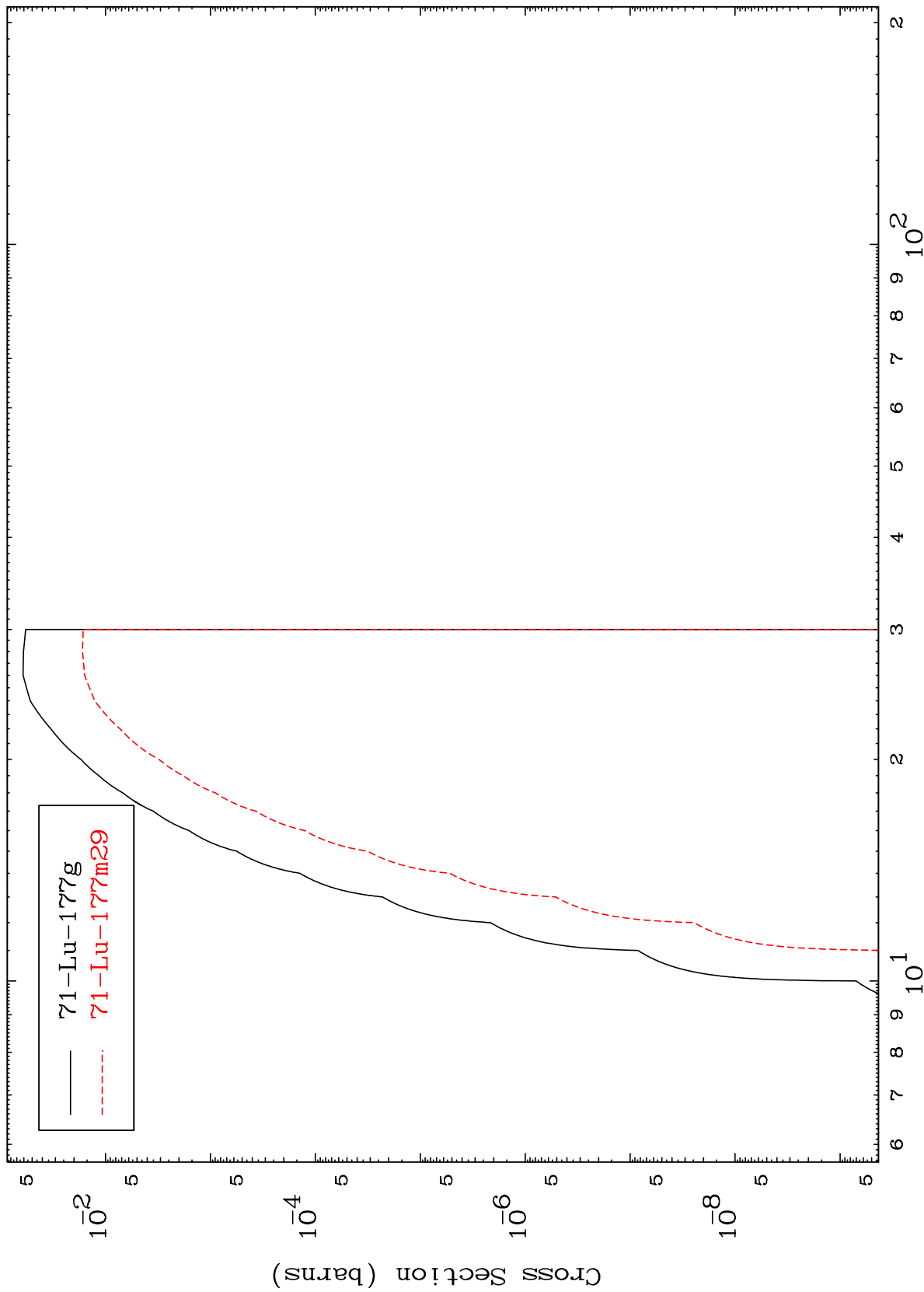
Incident Energy (MeV)

MAT 7135

(n,n') d

⁷¹Lu-178m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

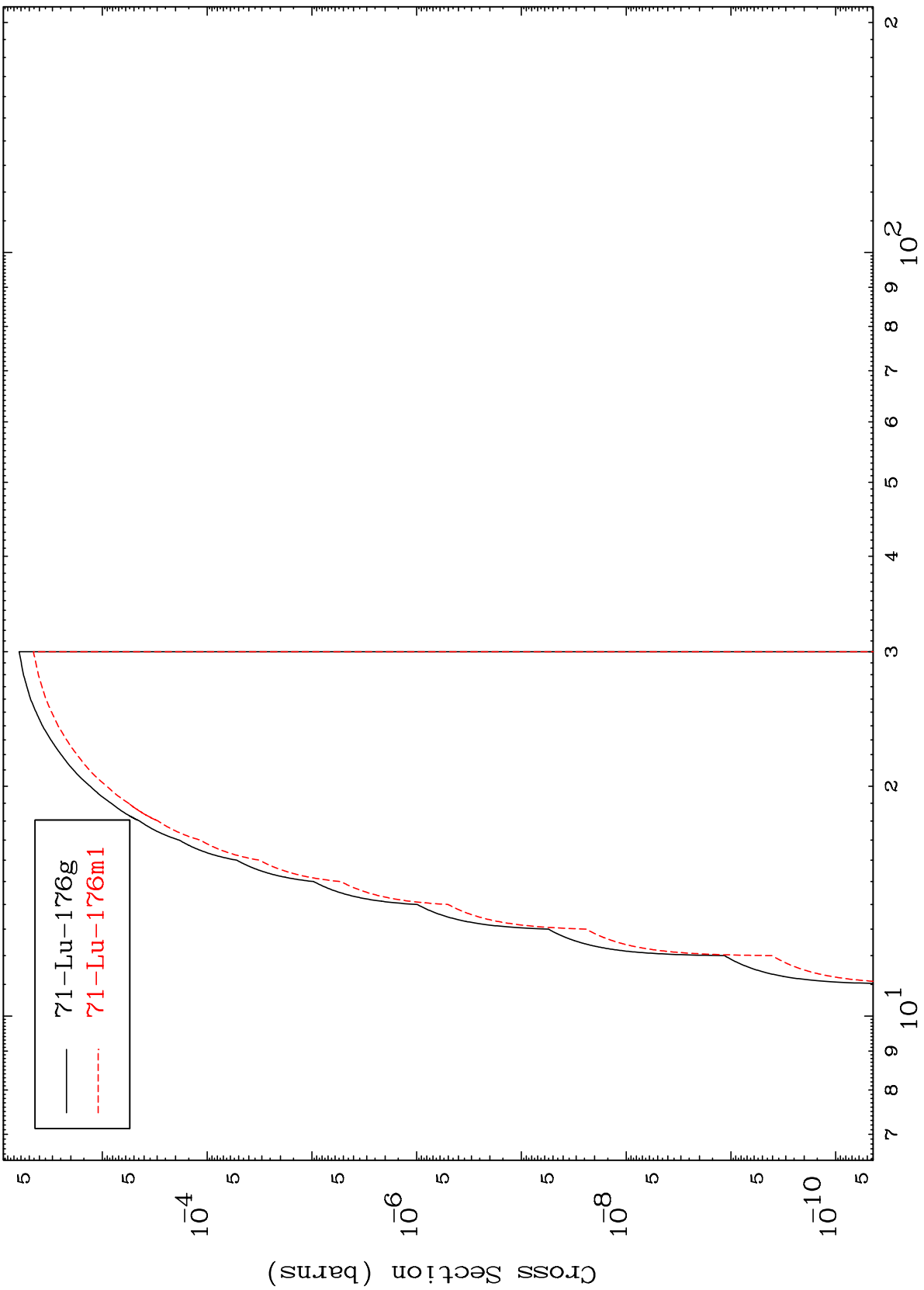
⁷¹Lu-178m

MAT 7135

(n,n') t

⁷¹Lu-178m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

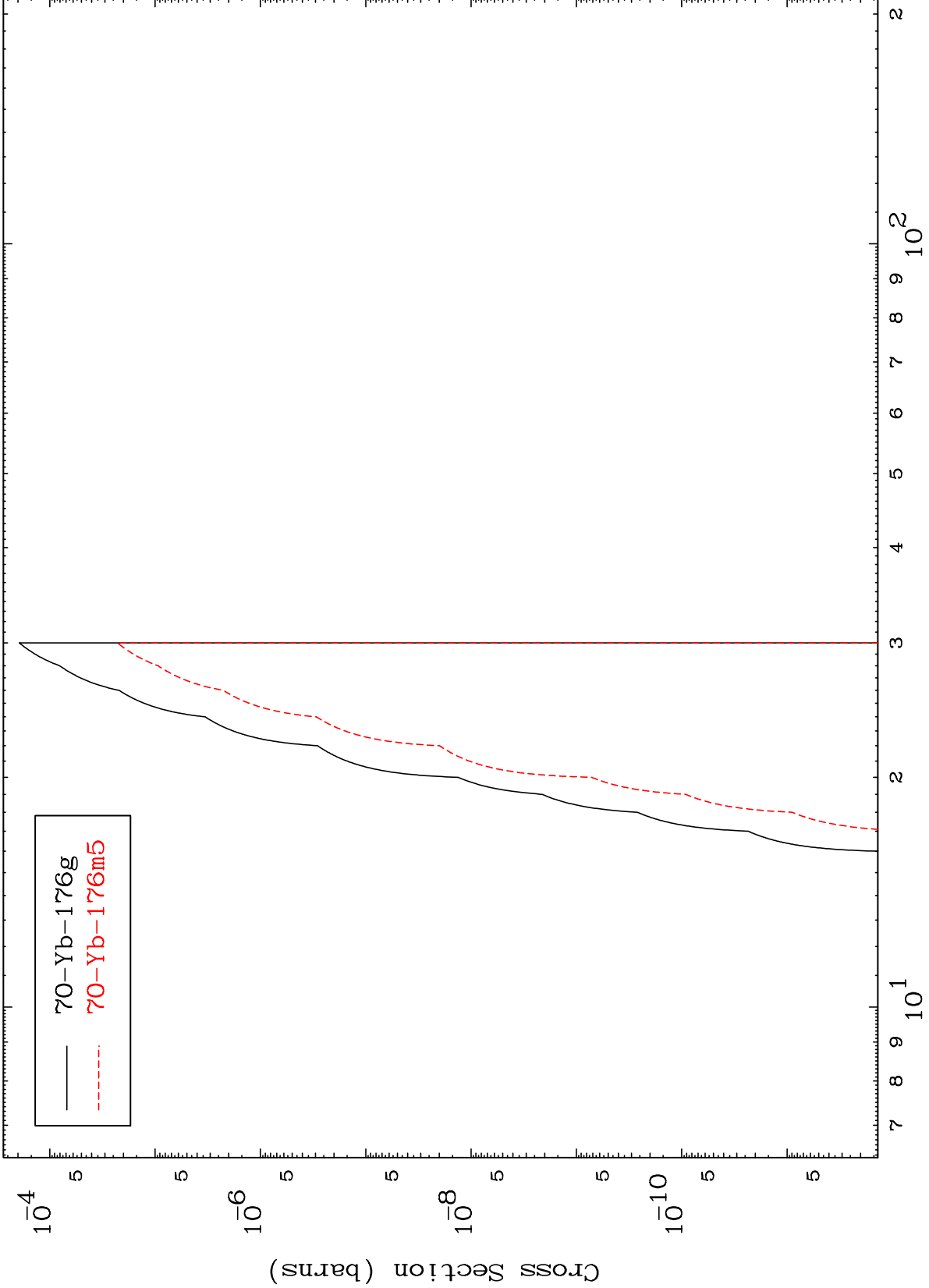
⁷¹Lu-178m

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(n,n') He-3

71-Lu-178m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

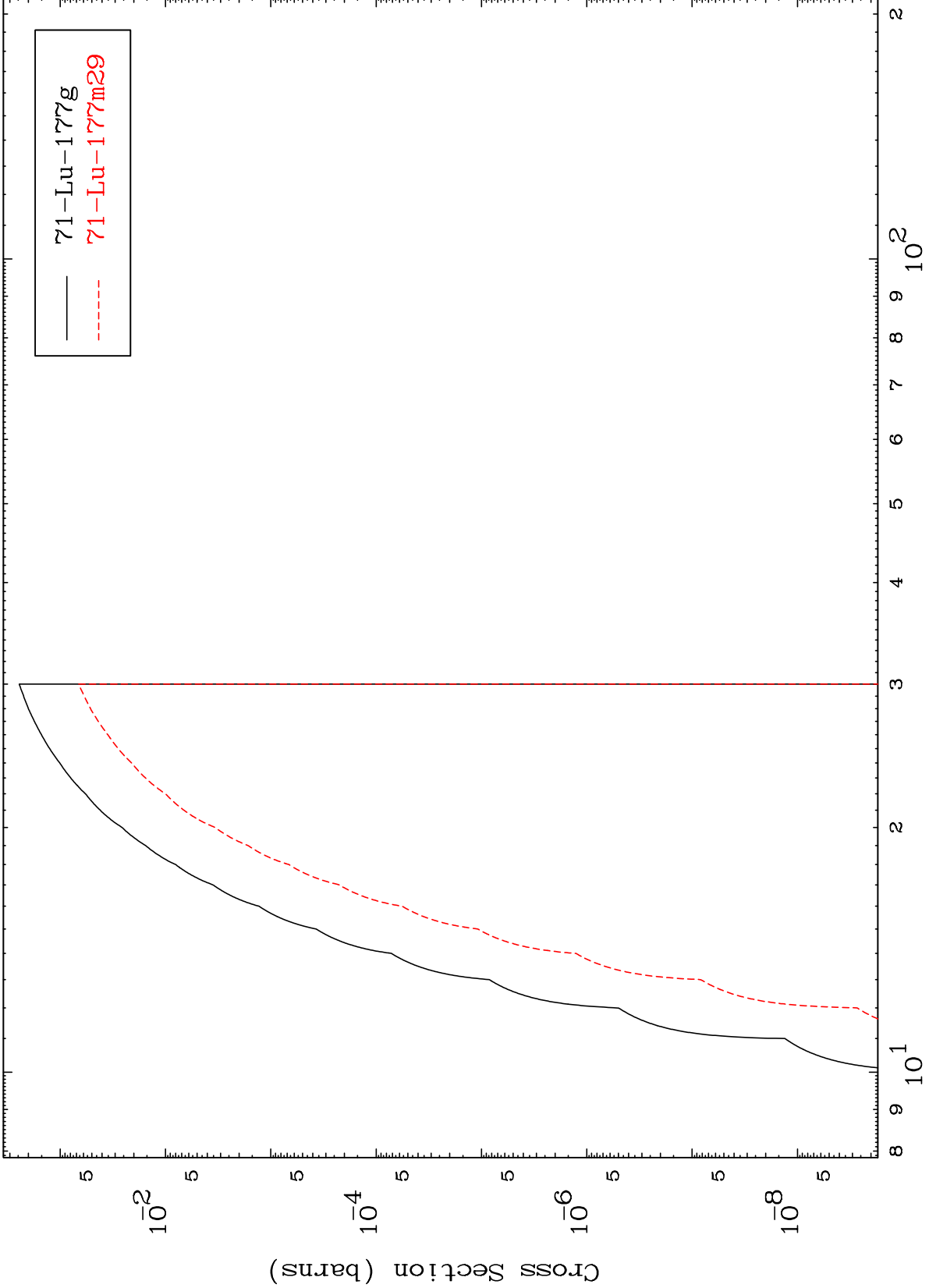
71-Lu-178m

MAT 7135

(n,2n) p

⁷¹Lu-178m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

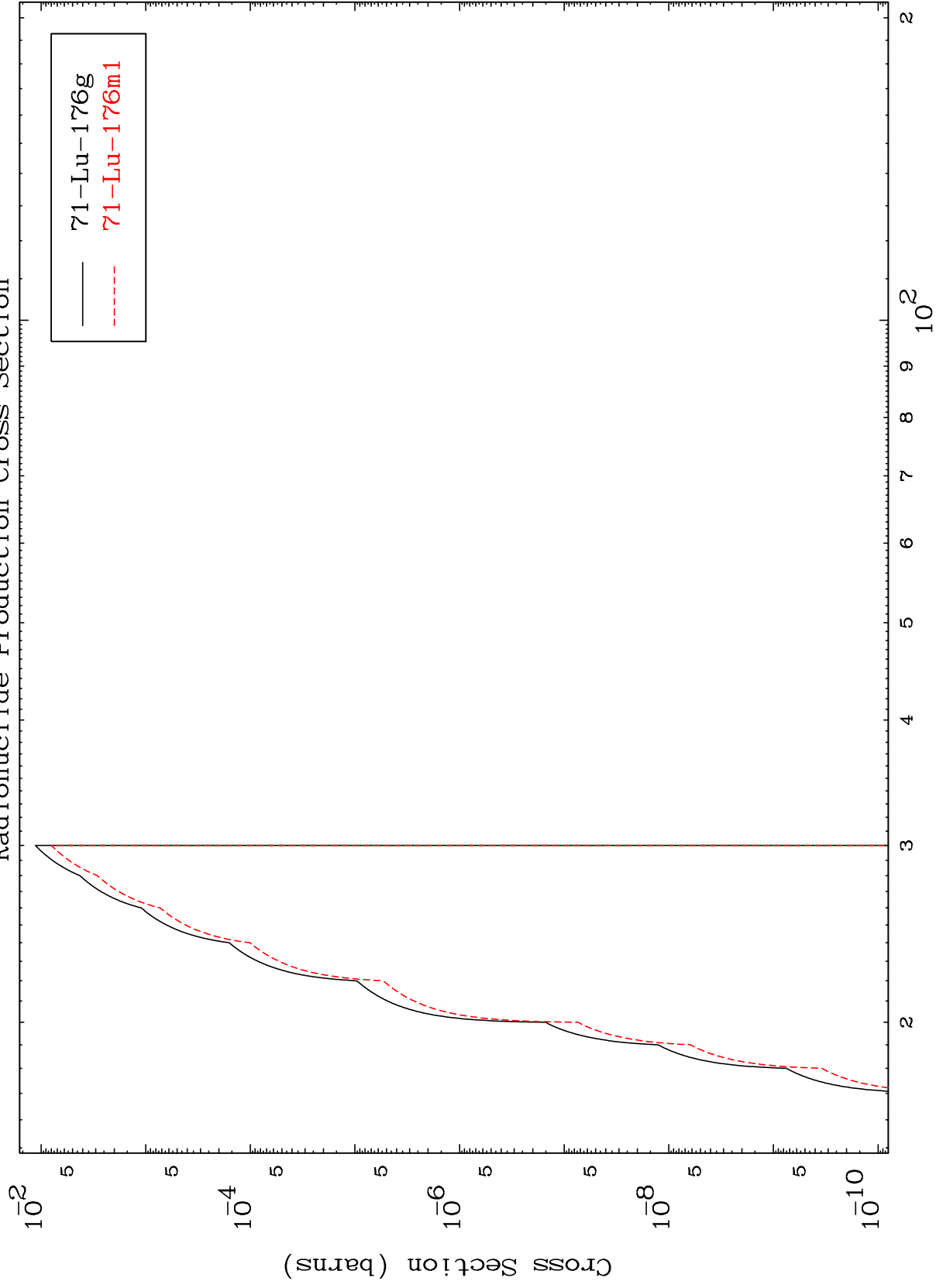
⁷¹Lu-178m

MAT 7135

(n,3n) p

⁷¹Lu-178m

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷¹Lu-178m

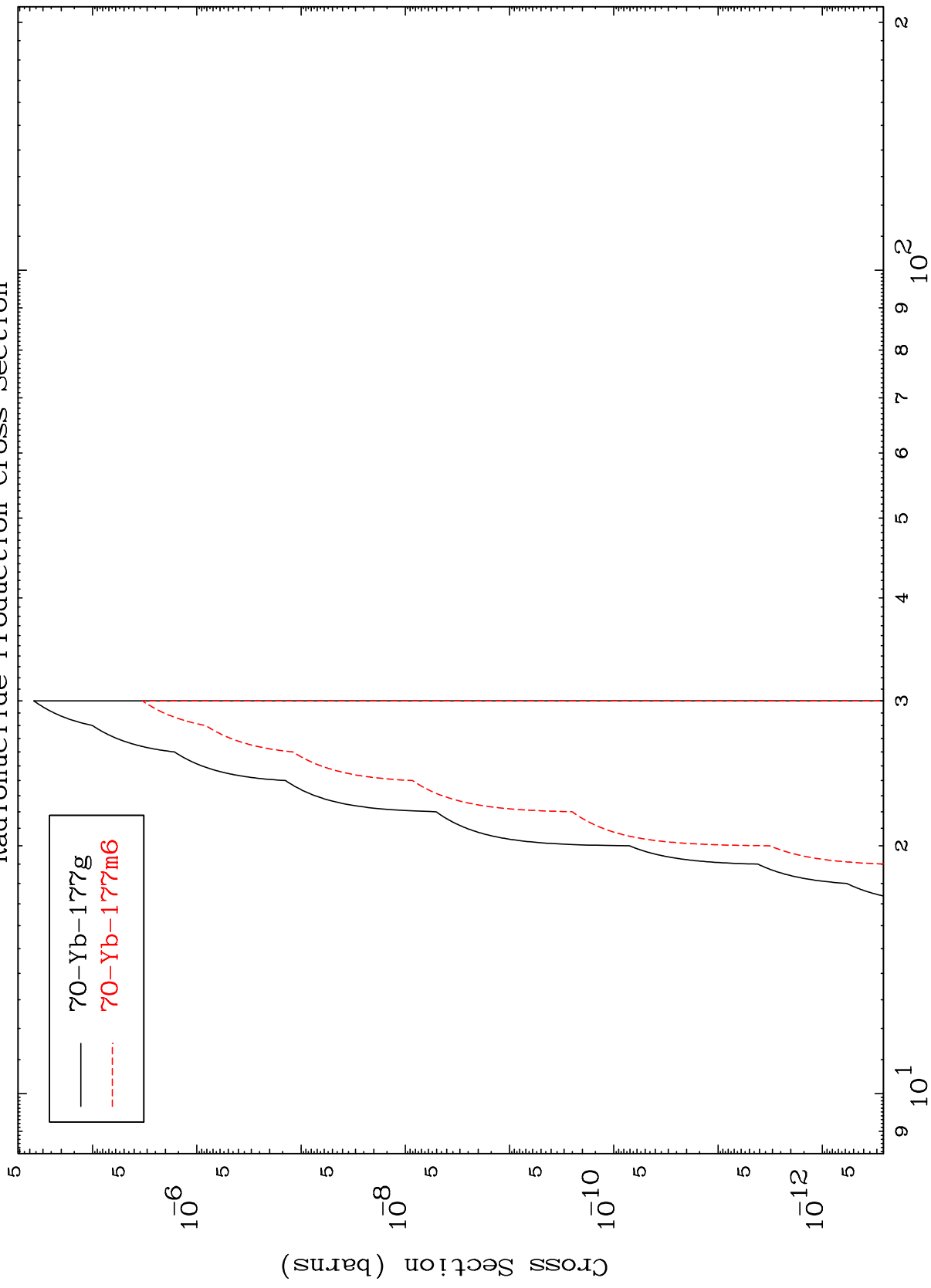
22

MAT 7135

(n,2n) p

71-Lu-178m

Radionuclide Production Cross Section



23

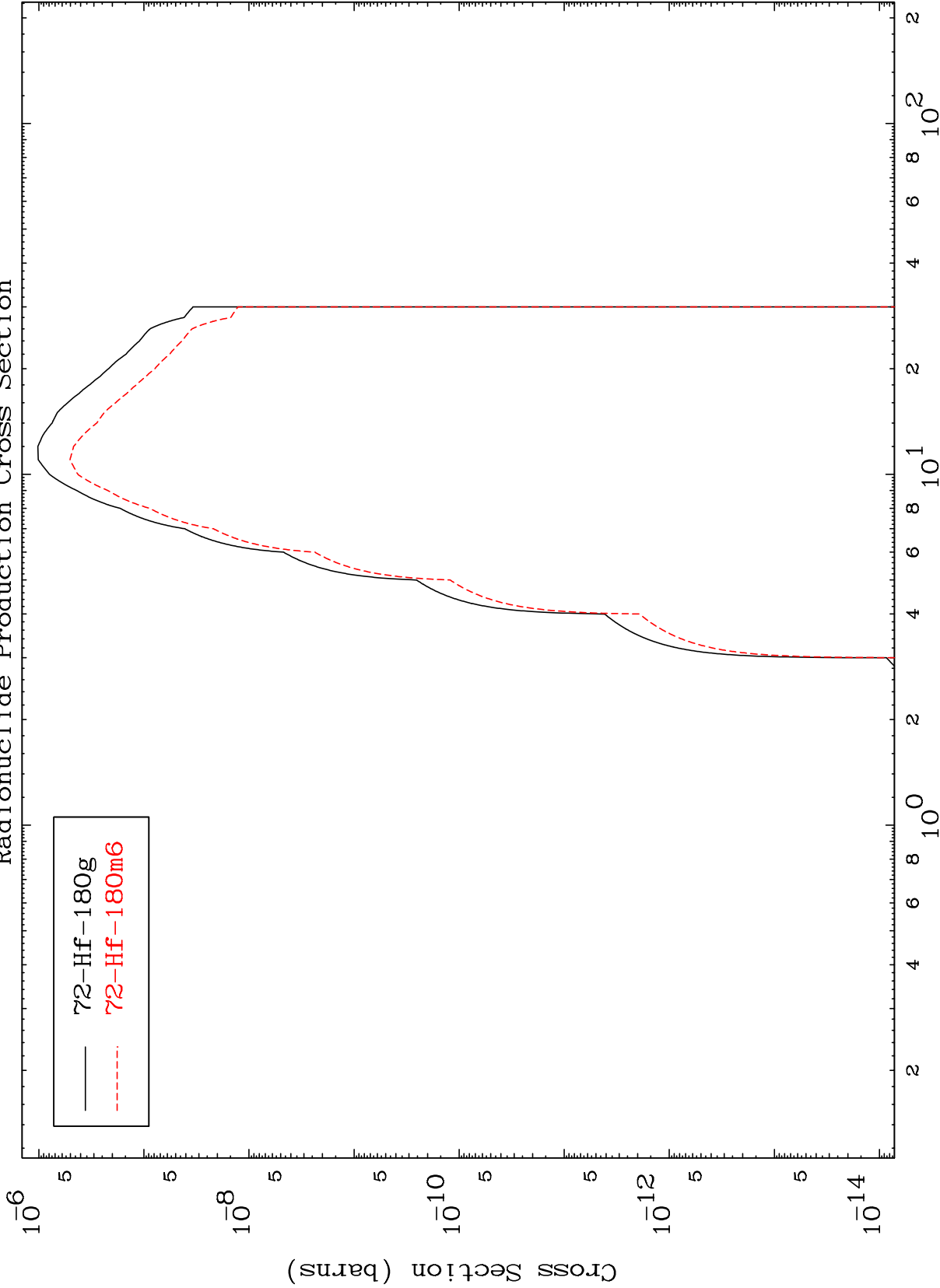
Incident Energy (MeV)

71-Lu-178m

MAT 7135

71-Lu-178m

Radionuclide Production Cross Section

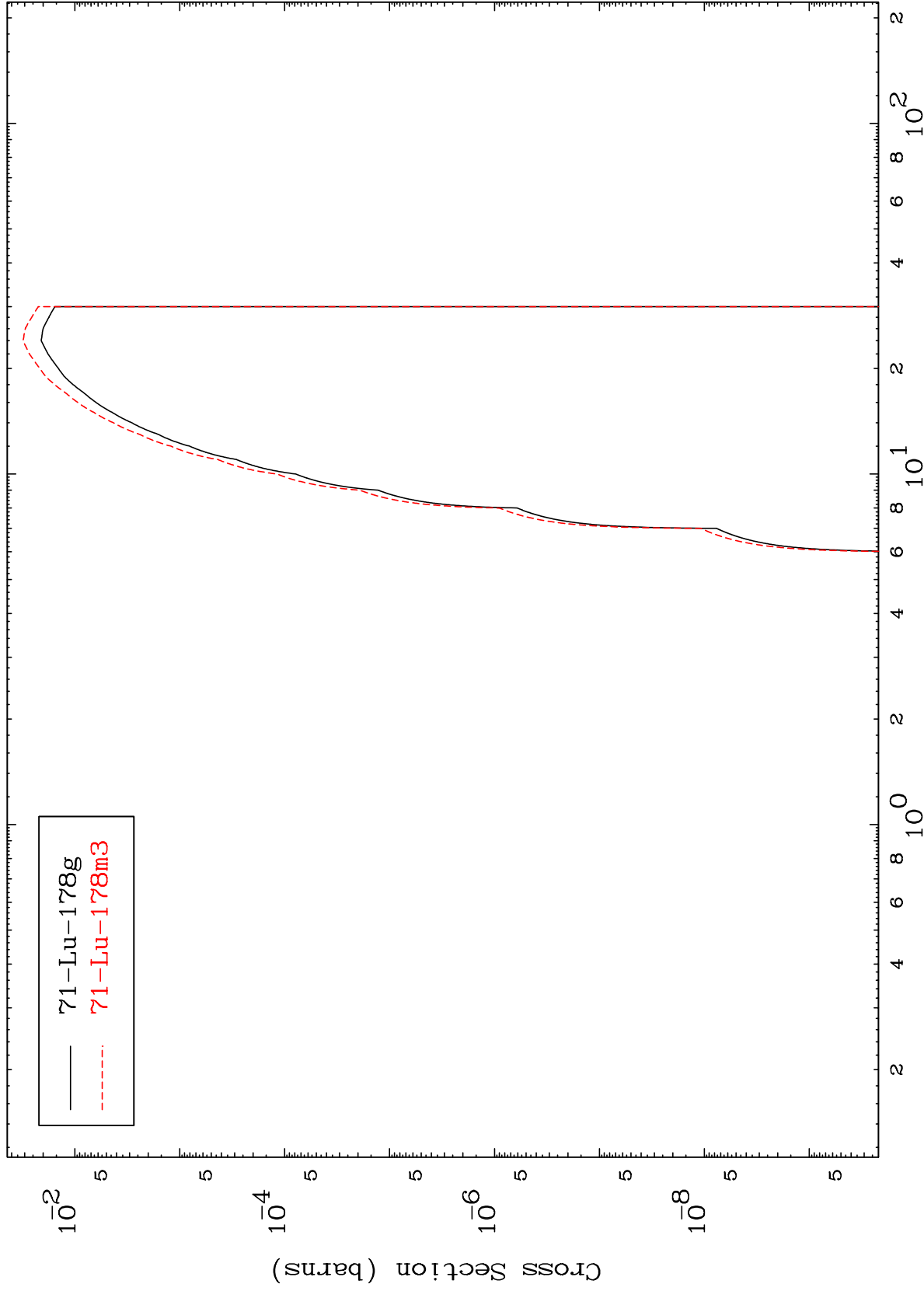


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(n,d)

⁷¹Lu-178m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

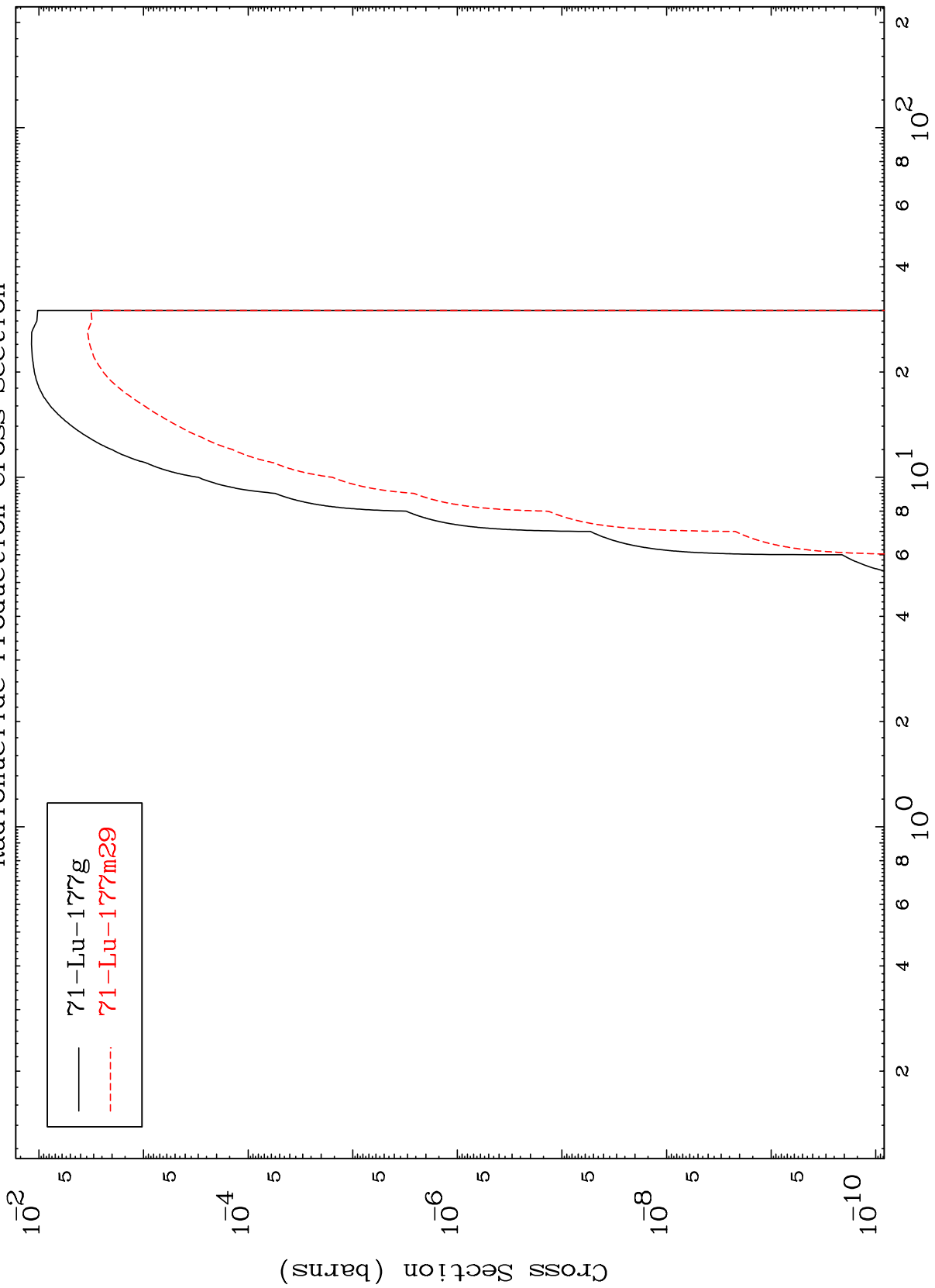
⁷¹Lu-178m

MAT 7135

(n, t)

⁷¹Lu-178m

Radionuclide Production Cross Section



— ⁷¹Lu-177g
- - - ⁷¹Lu-177m29

Incident Energy (MeV)

⁷¹Lu-178m

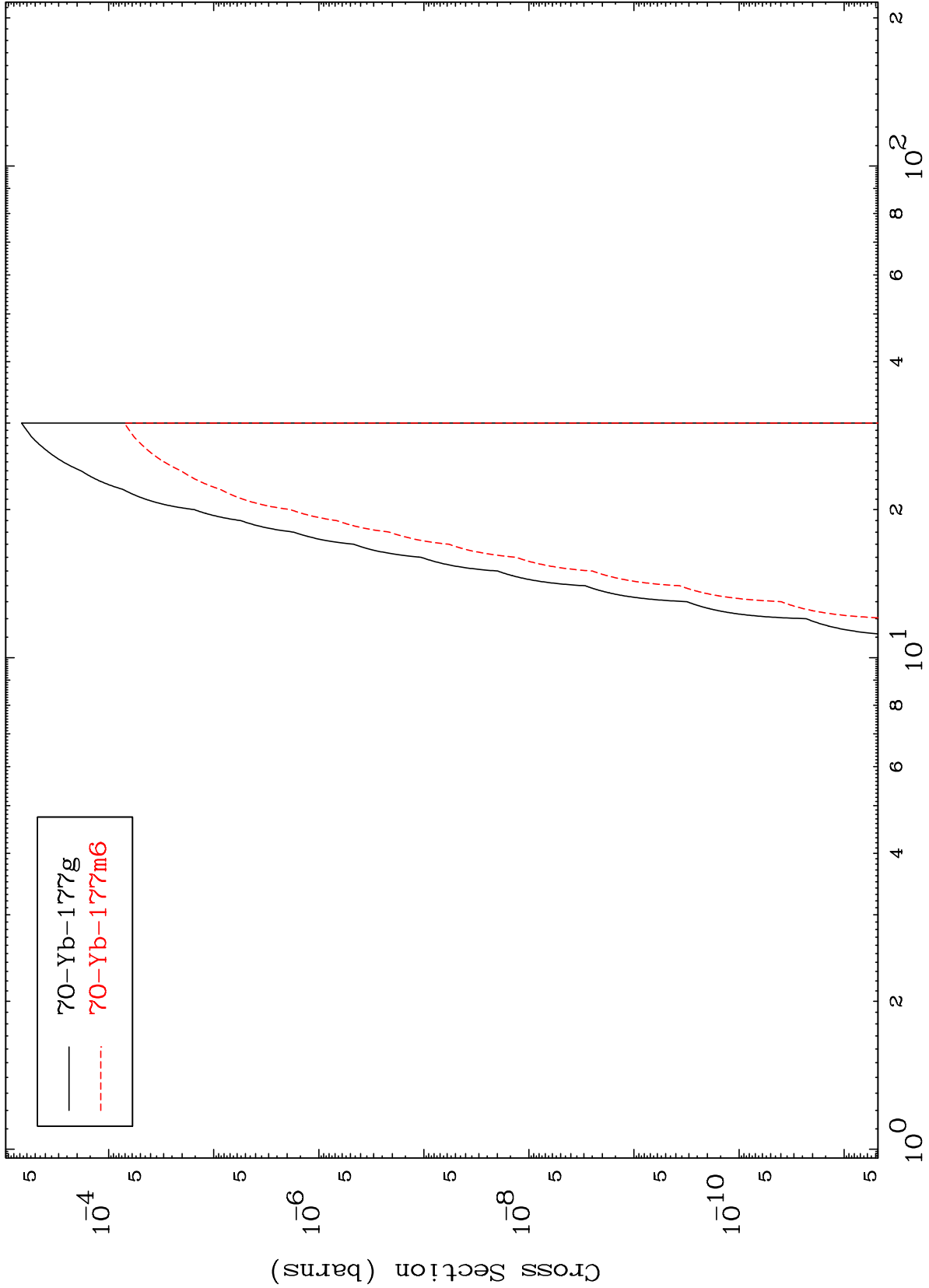
26

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(n,He-3)

71-Lu-178m

Radionuclide Production Cross Section



— 70-Yb-177g
- - - 70-Yb-177m6

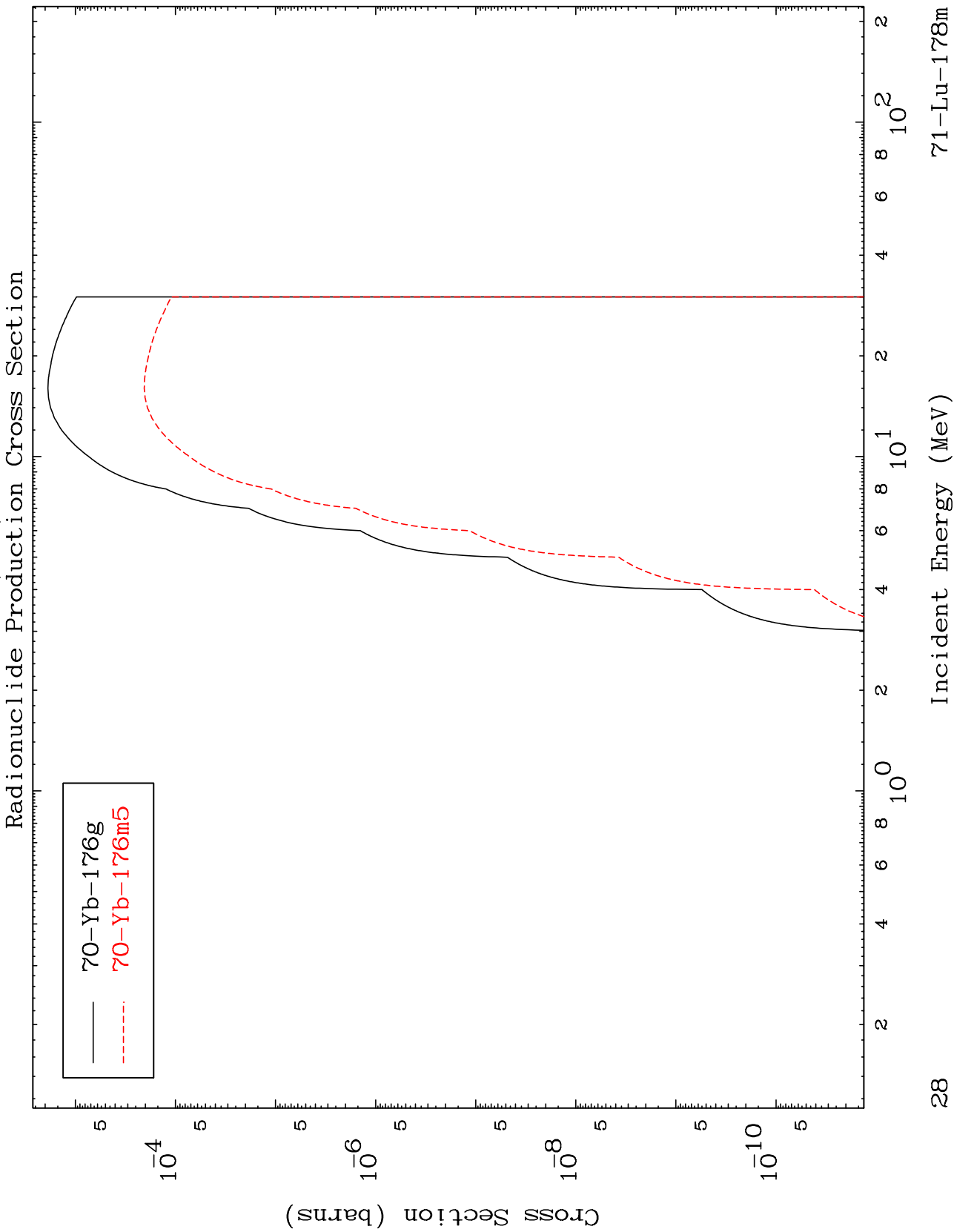
Incident Energy (MeV)

71-Lu-178m

27

MAT 7135

71-Lu-178m

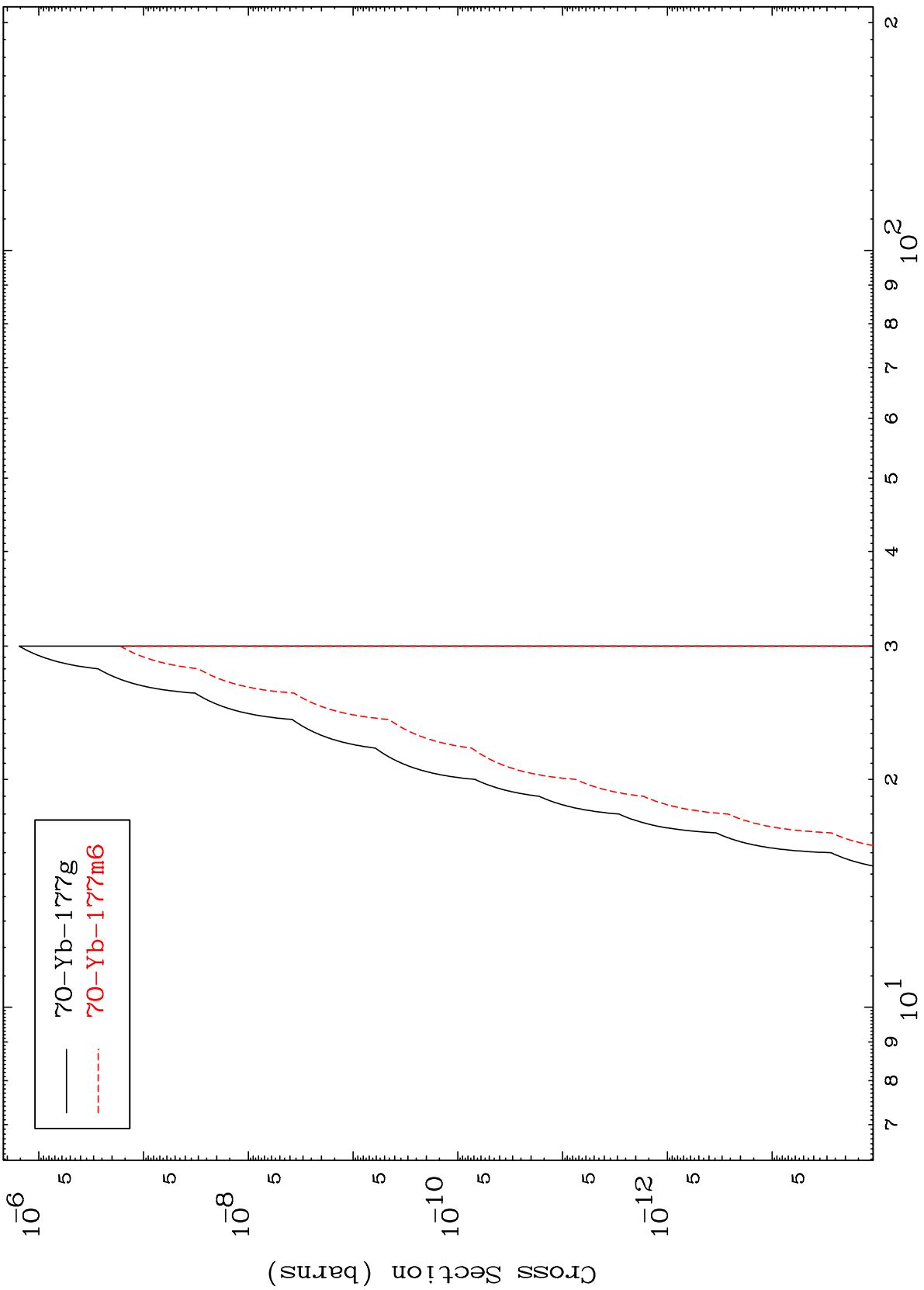


MAT 7135

(n,p) d

71-Lu-178m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

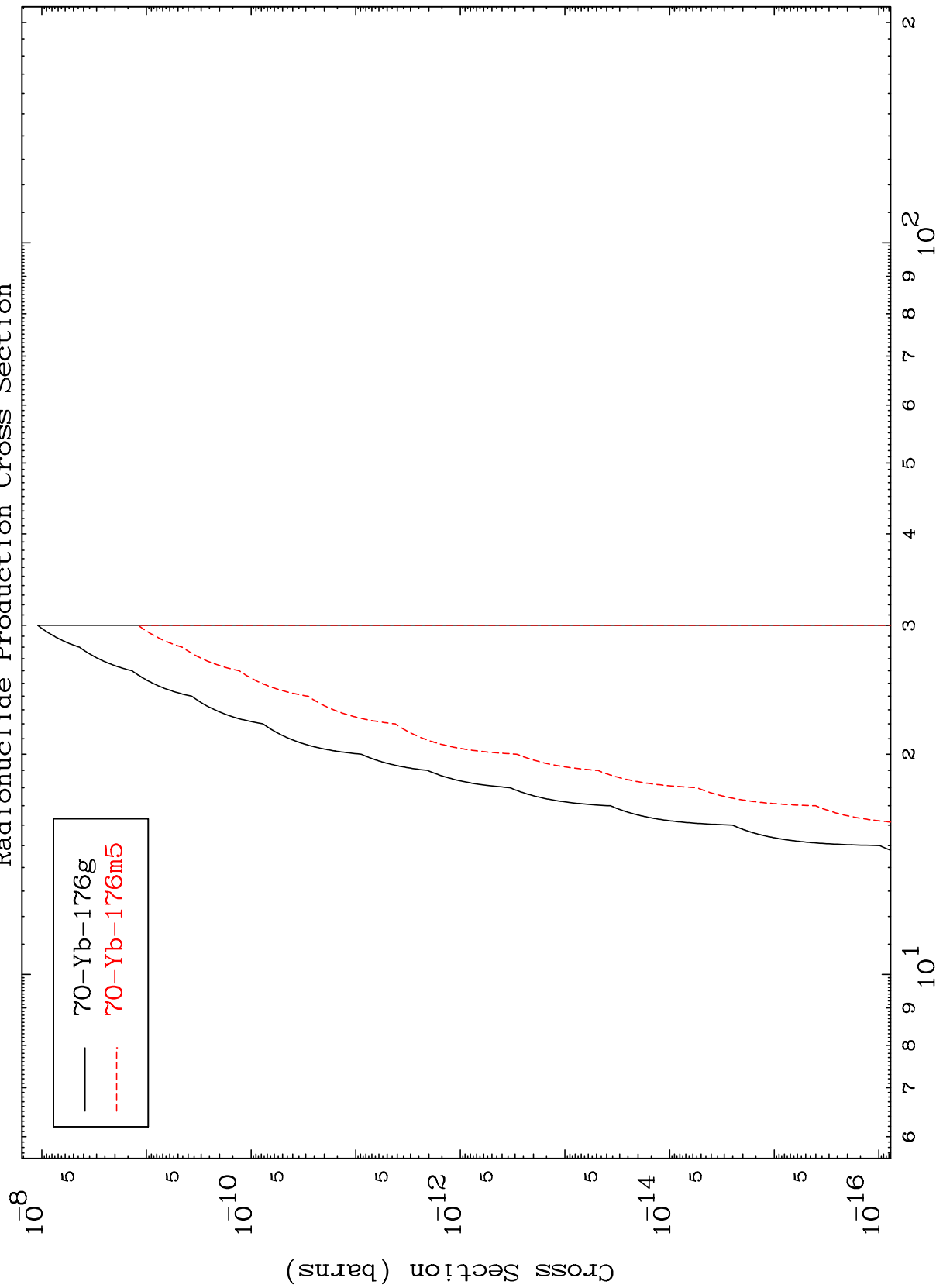
71-Lu-178m

MAT 7135

(n,p) t

71-Lu-178m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

71-Lu-178m