

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

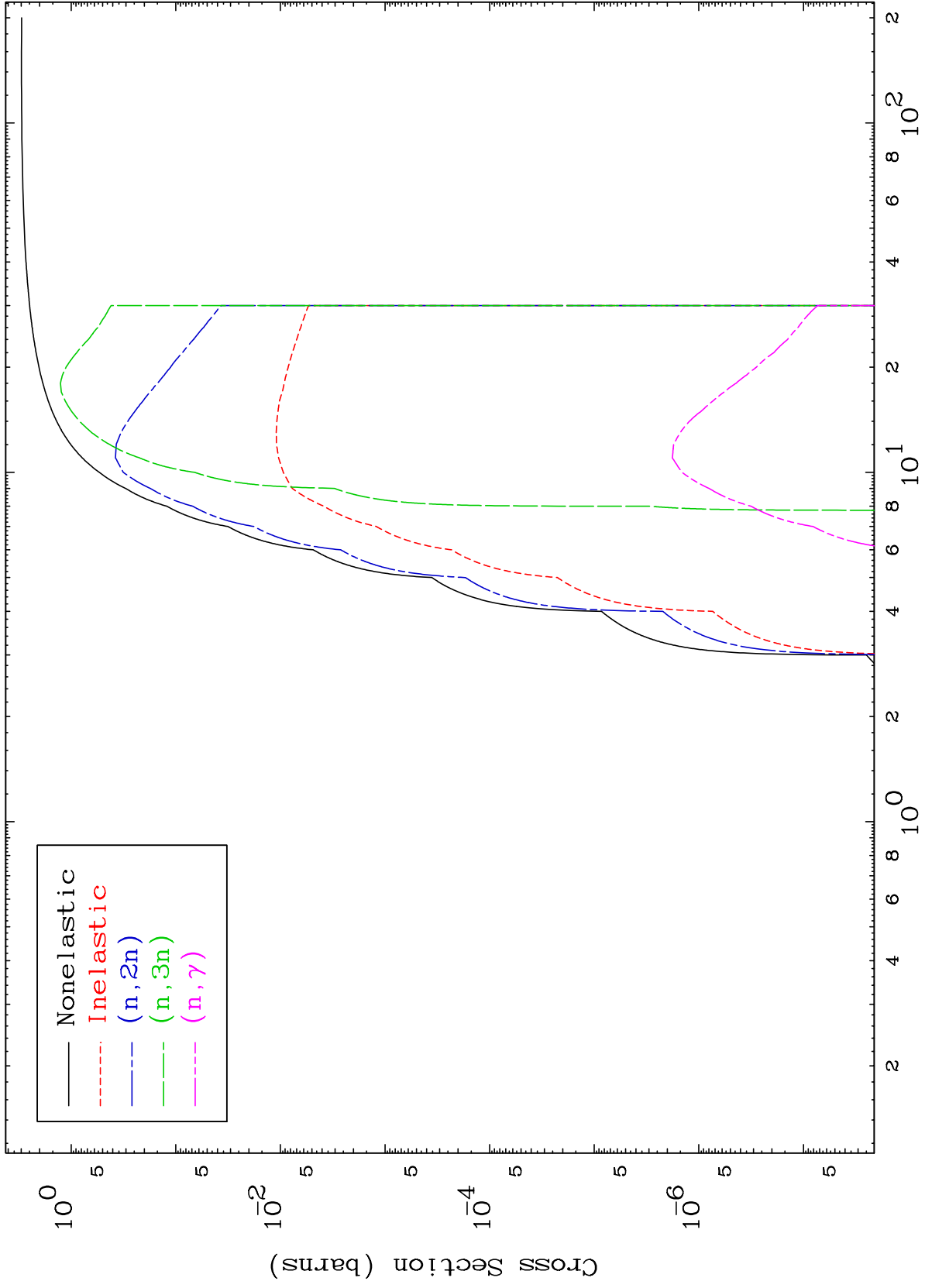
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

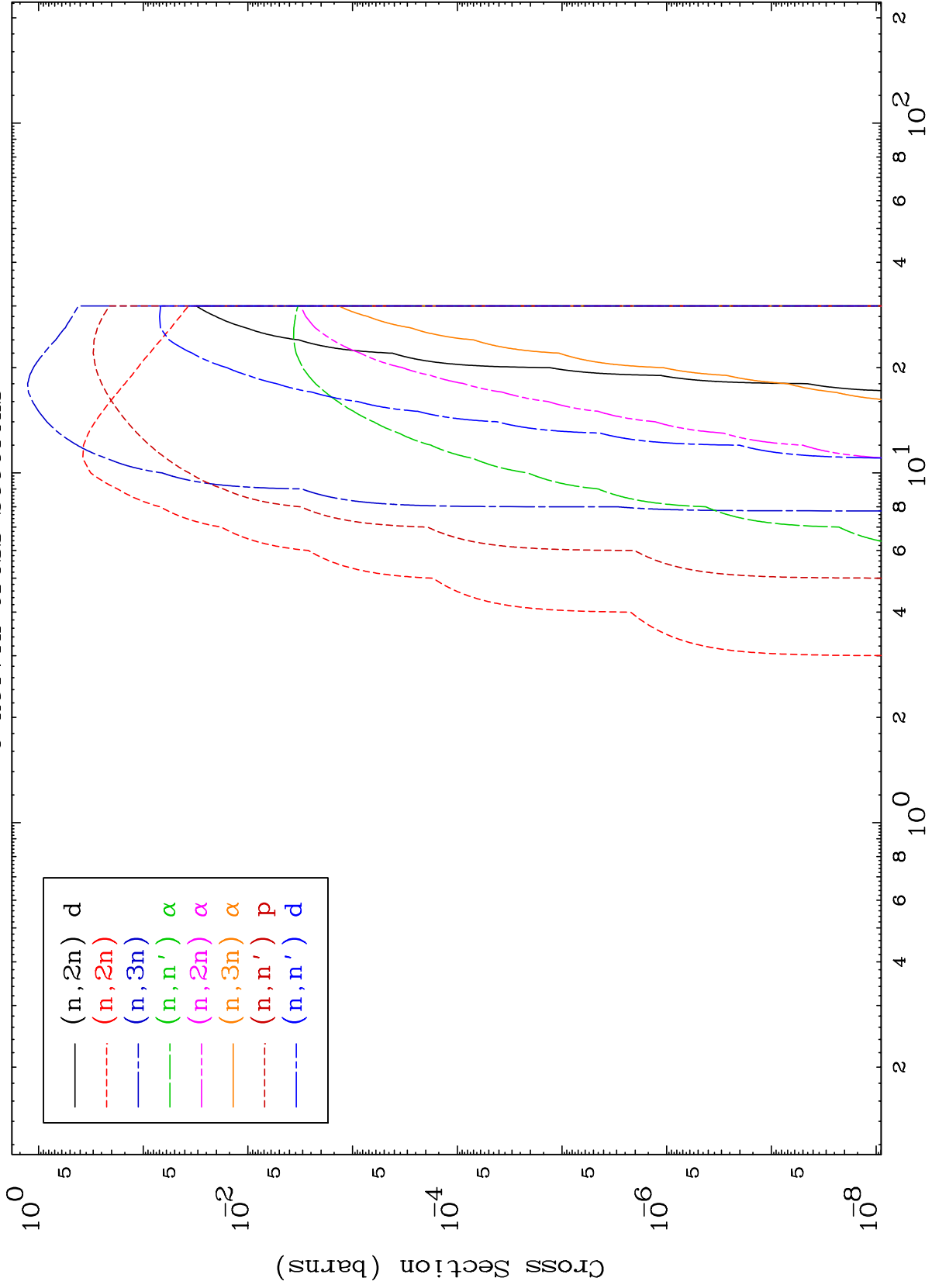
Tele: 925-443-1911

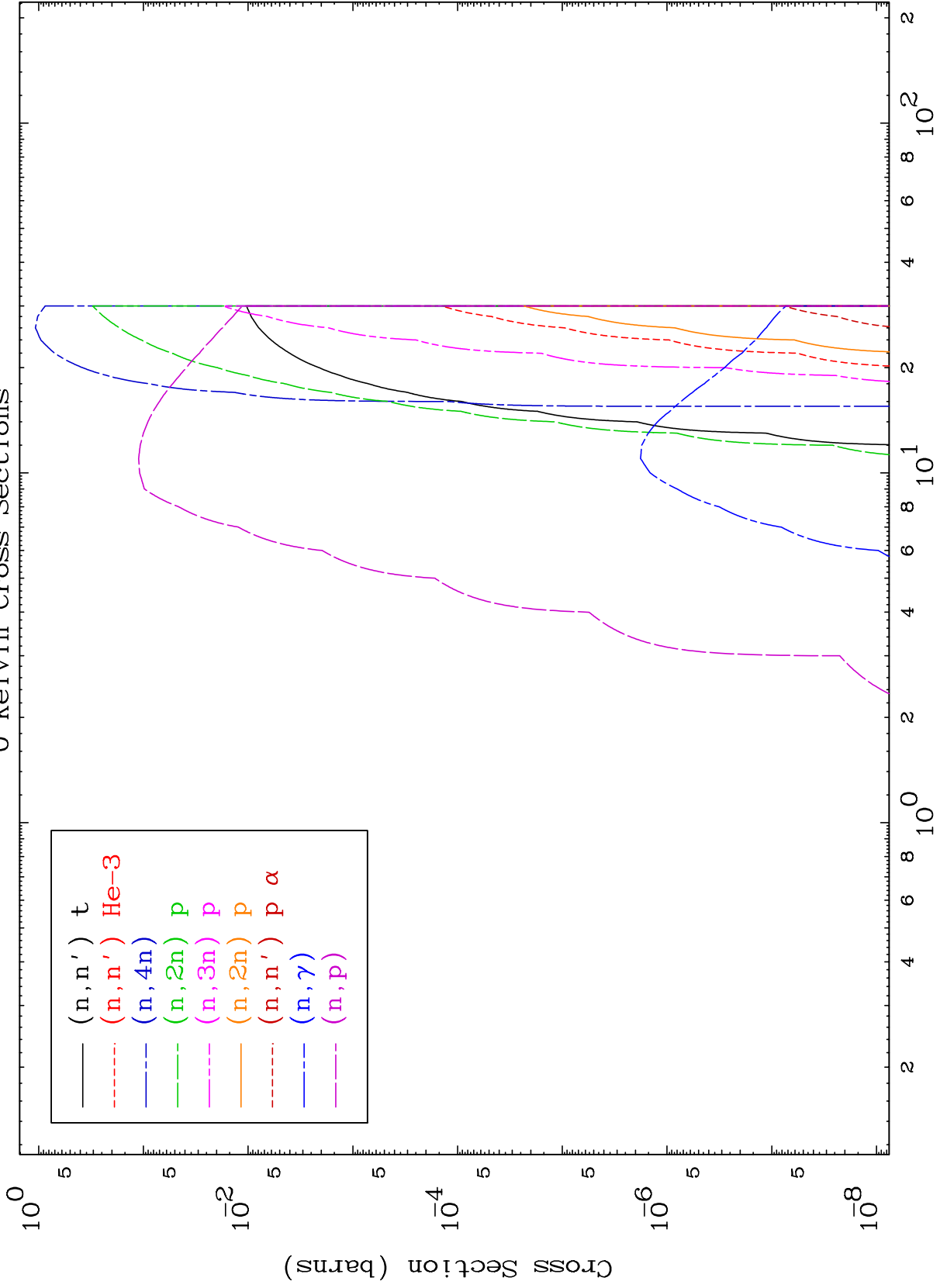
E.Mail:redcullen1@comcast.net

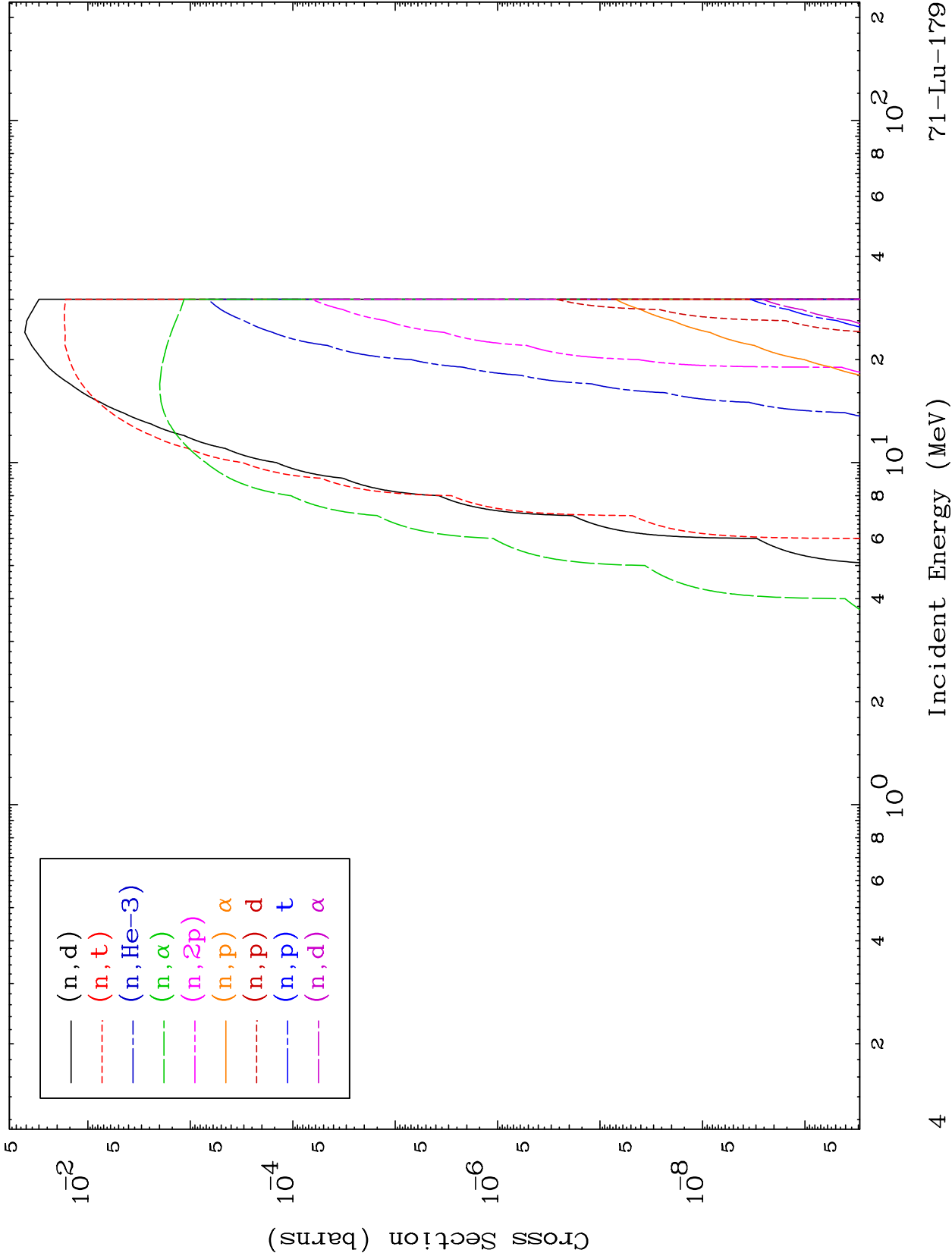
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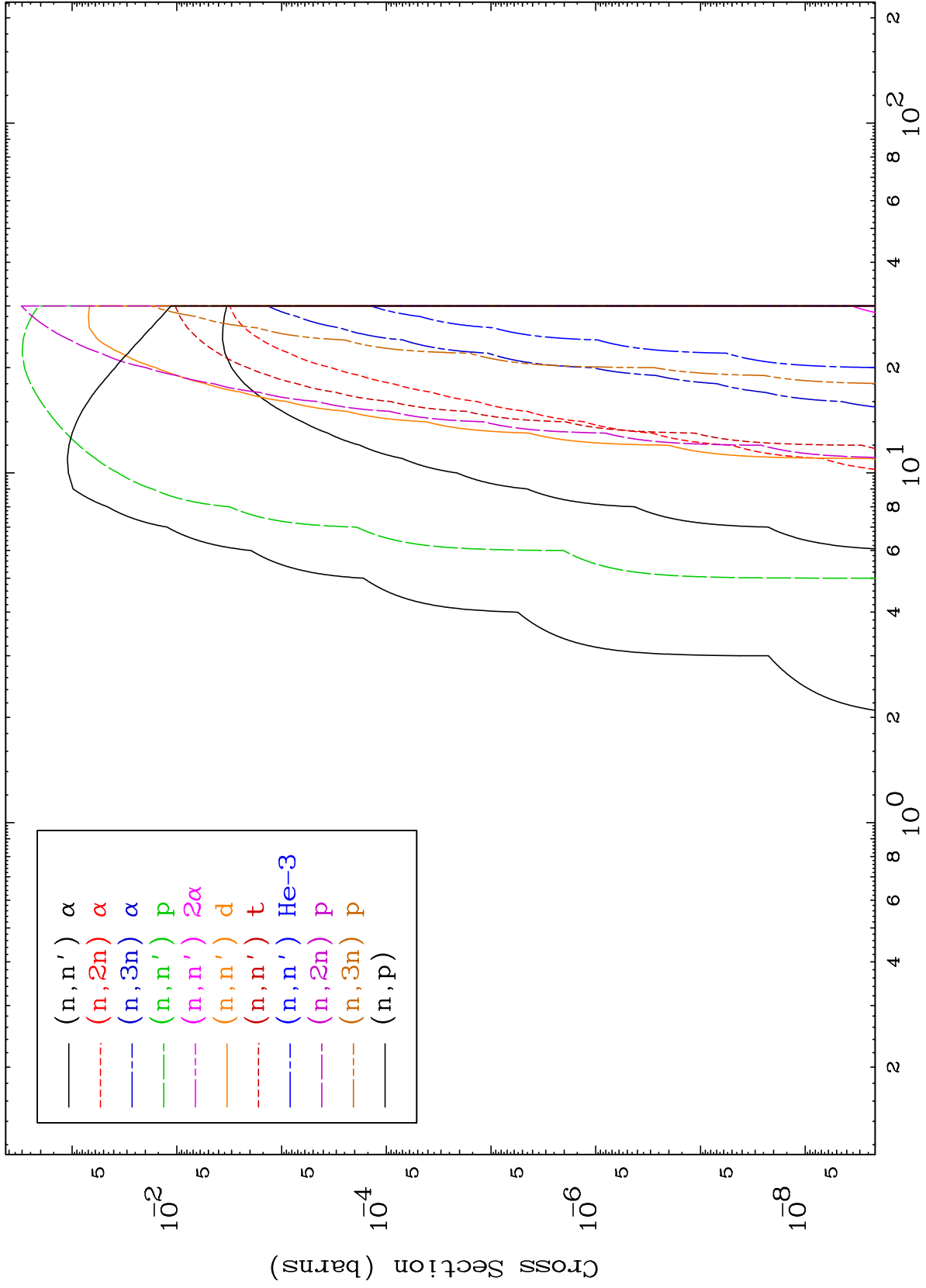
Press Mouse Button to Start

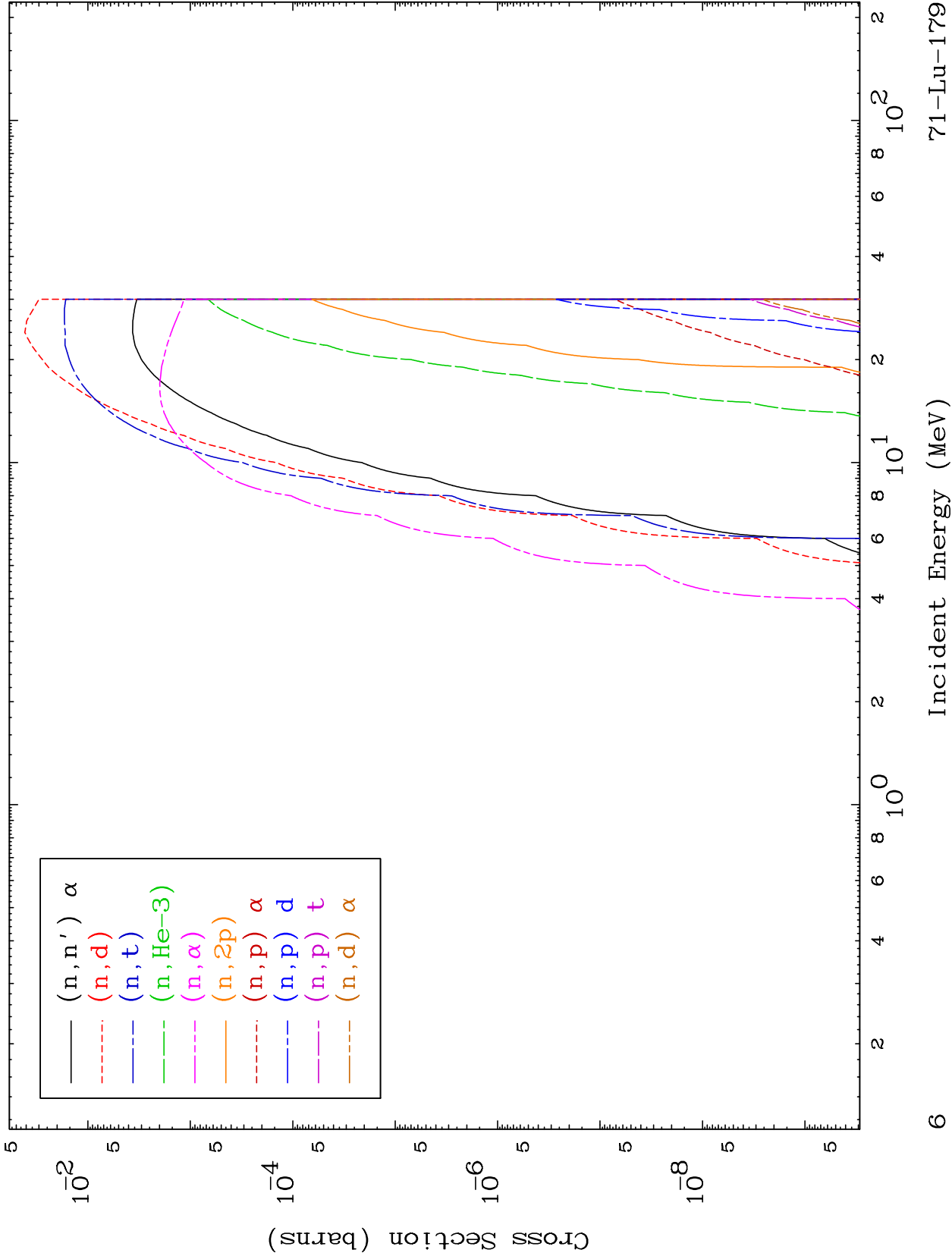










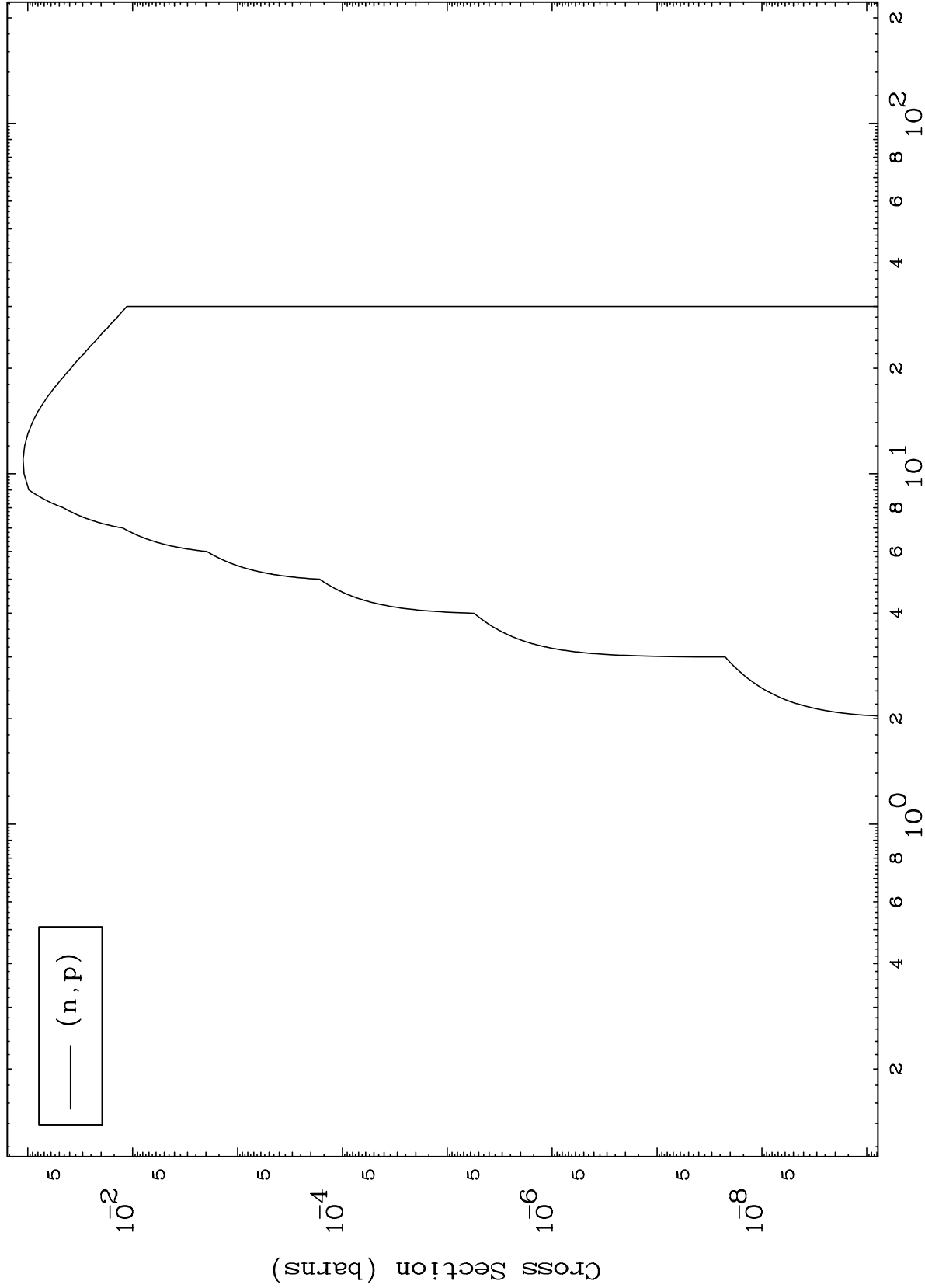


MAT 7137

(d,p) Levels

71-Lu-179

0 Kelvin Cross Sections

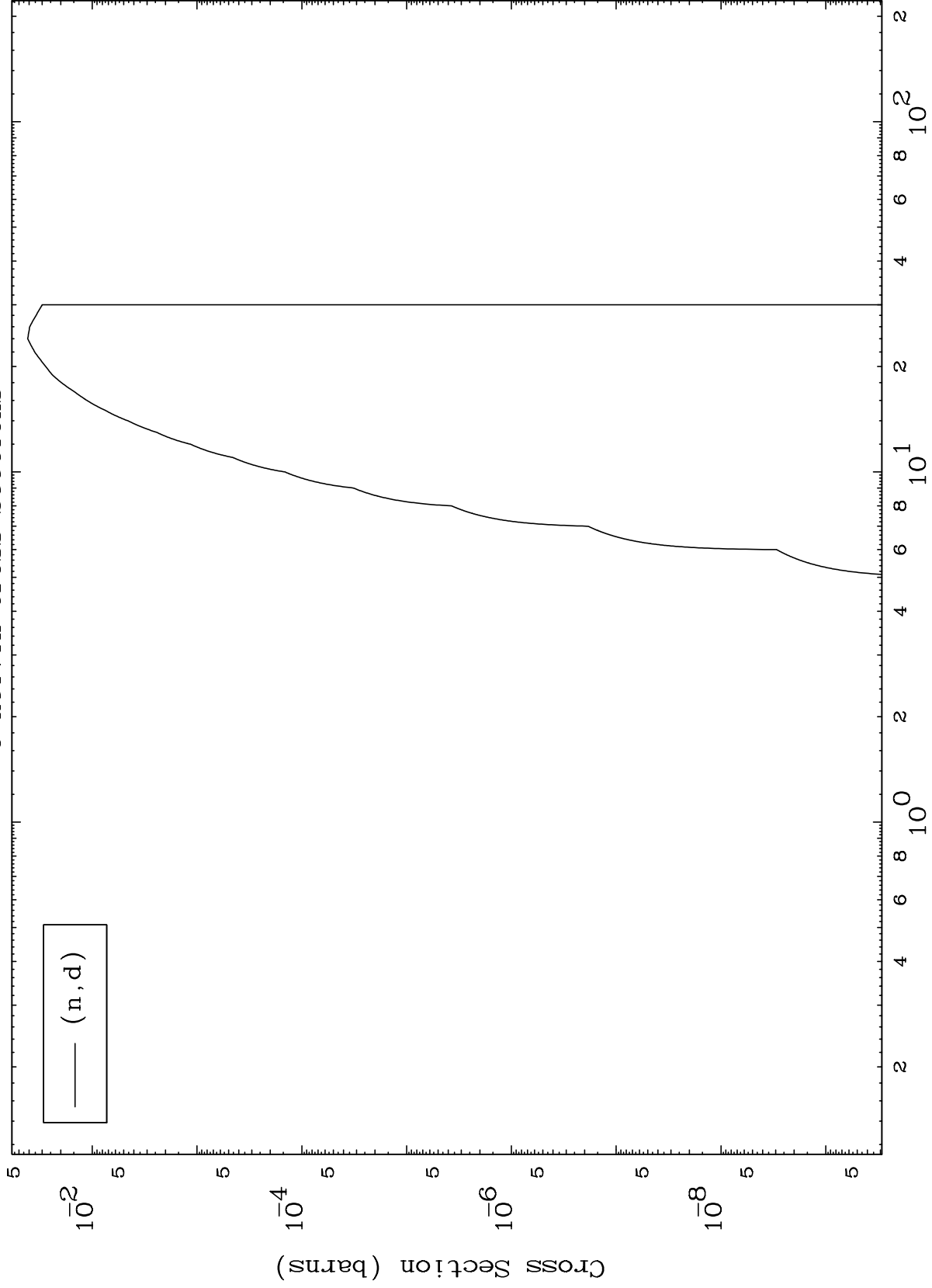


MAT 7137

(d,d) Levels

71-Lu-179

0 Kelvin Cross Sections

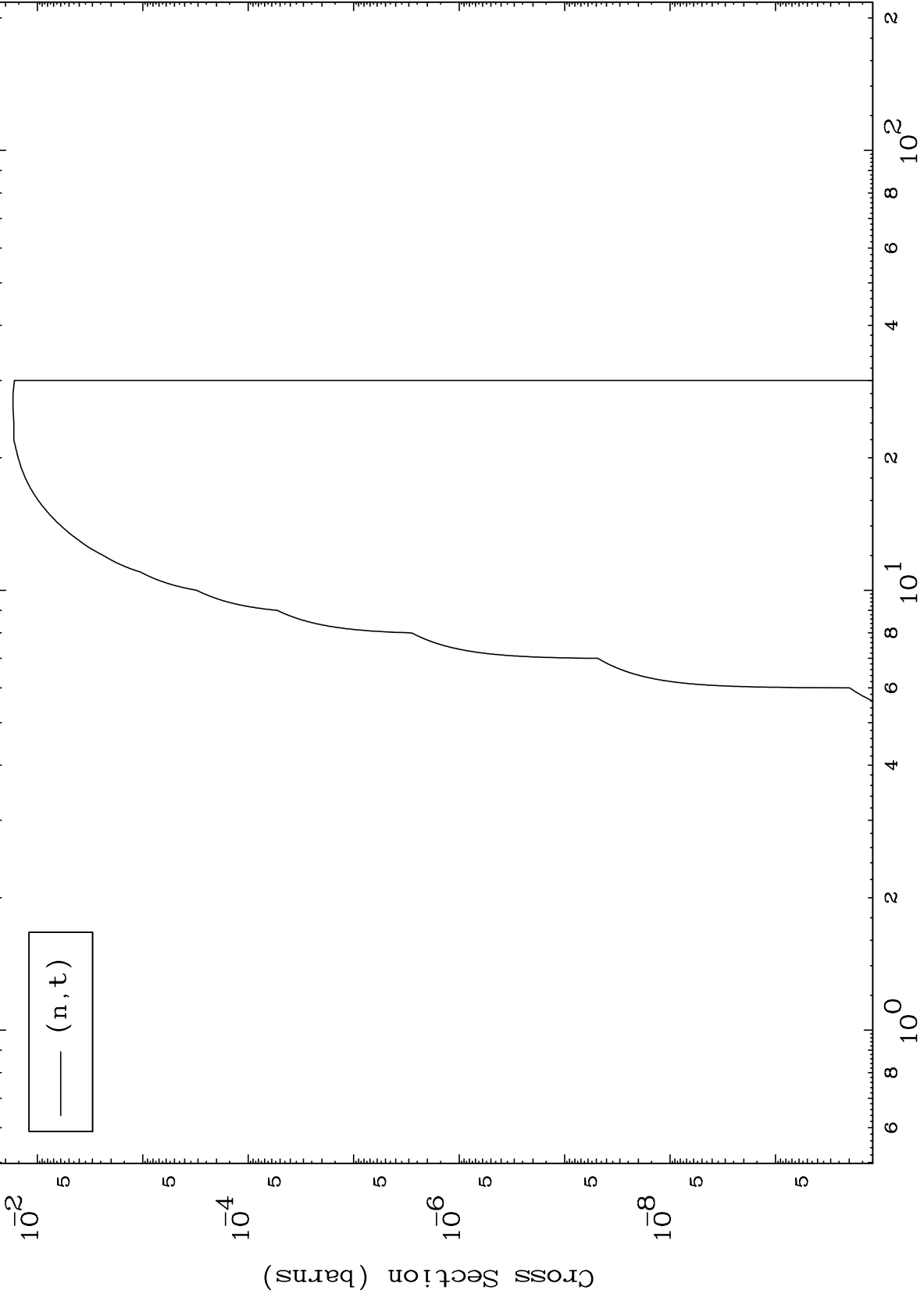


MAT 7137

(d, t) Levels

71-Lu-179

0 Kelvin Cross Sections

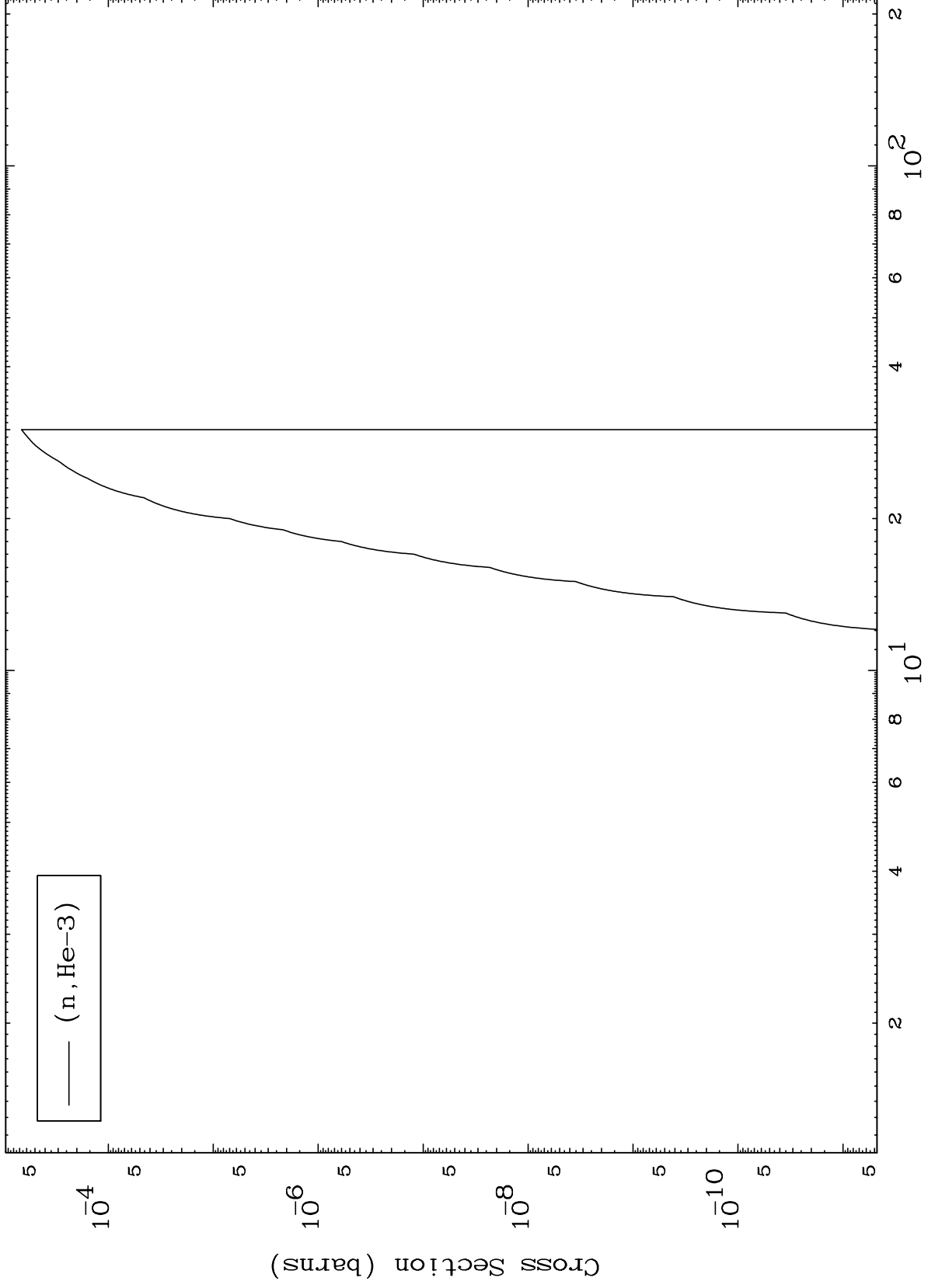


MAT 7137

(d,He3) Levels

71-Lu-179

0 Kelvin Cross Sections



10

Incident Energy (MeV)

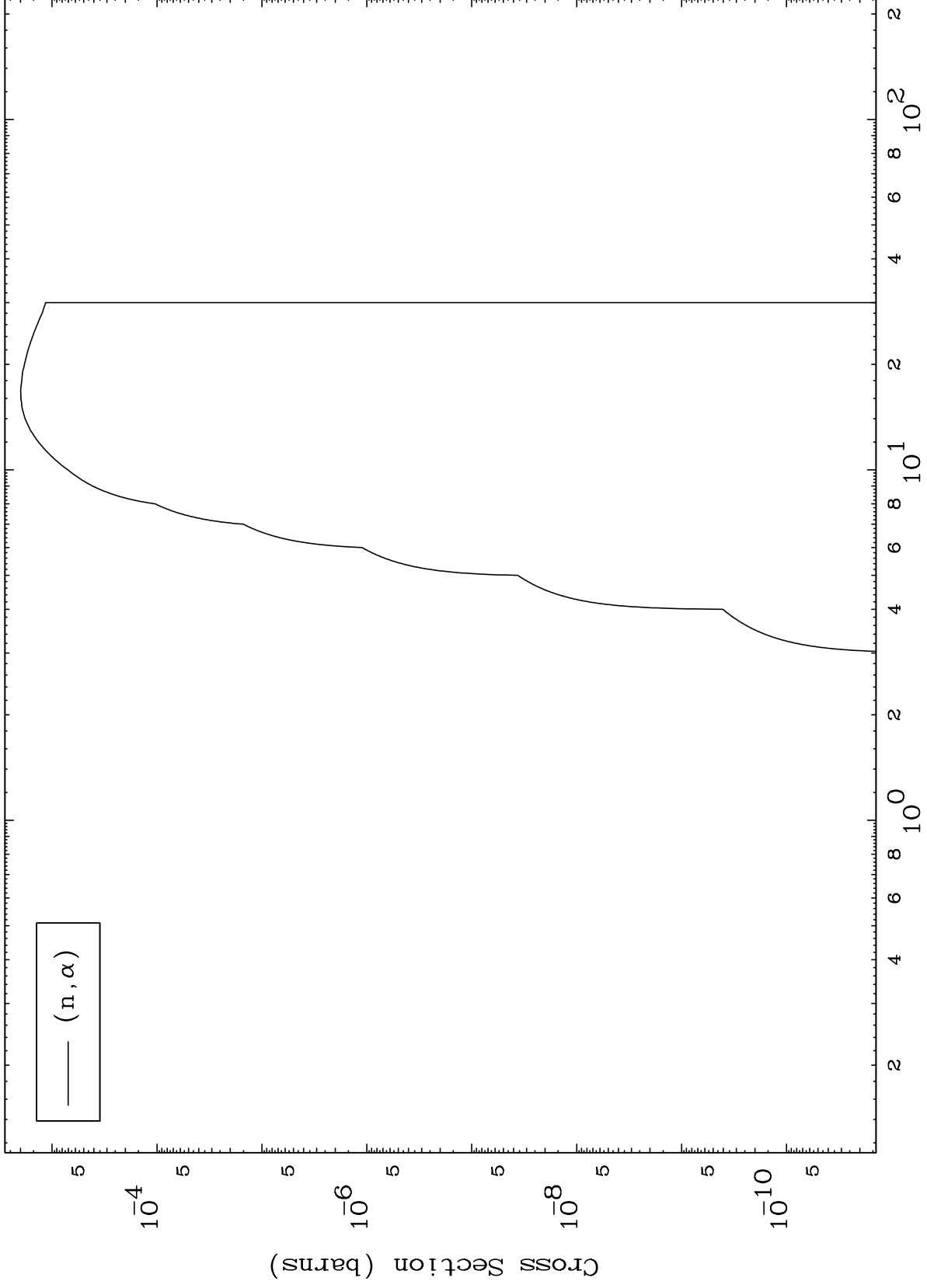
71-Lu-179

MAT 7137

(d, α) Levels

71-Lu-179

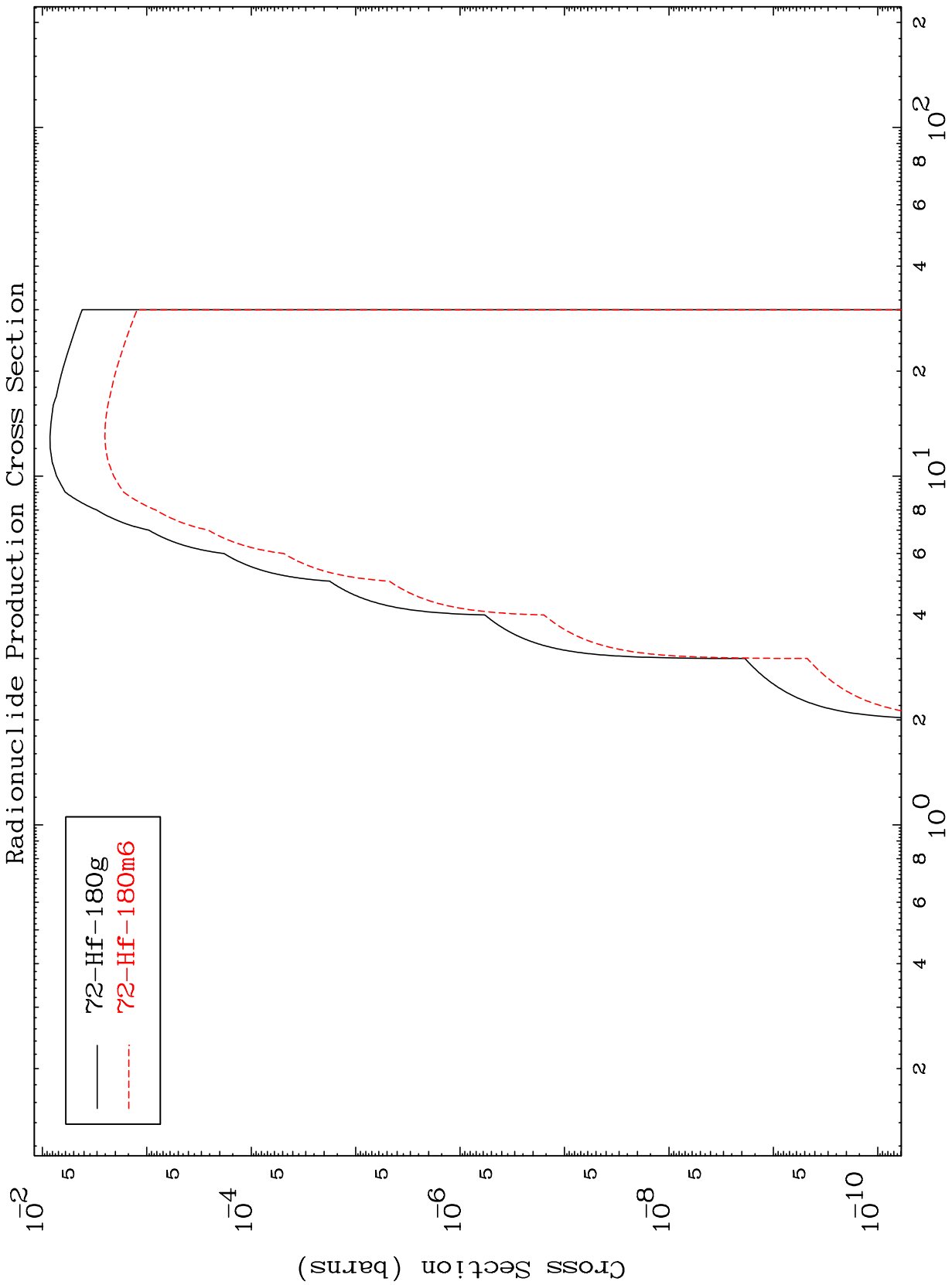
0 Kelvin Cross Sections



MAT 7137

71-Lu-179

Inelastic
Radionuclide Production Cross Section



— $^{180}\text{g}\text{Hf}$
- - - $^{180}\text{m6}\text{Hf}$

12

Incident Energy (MeV)

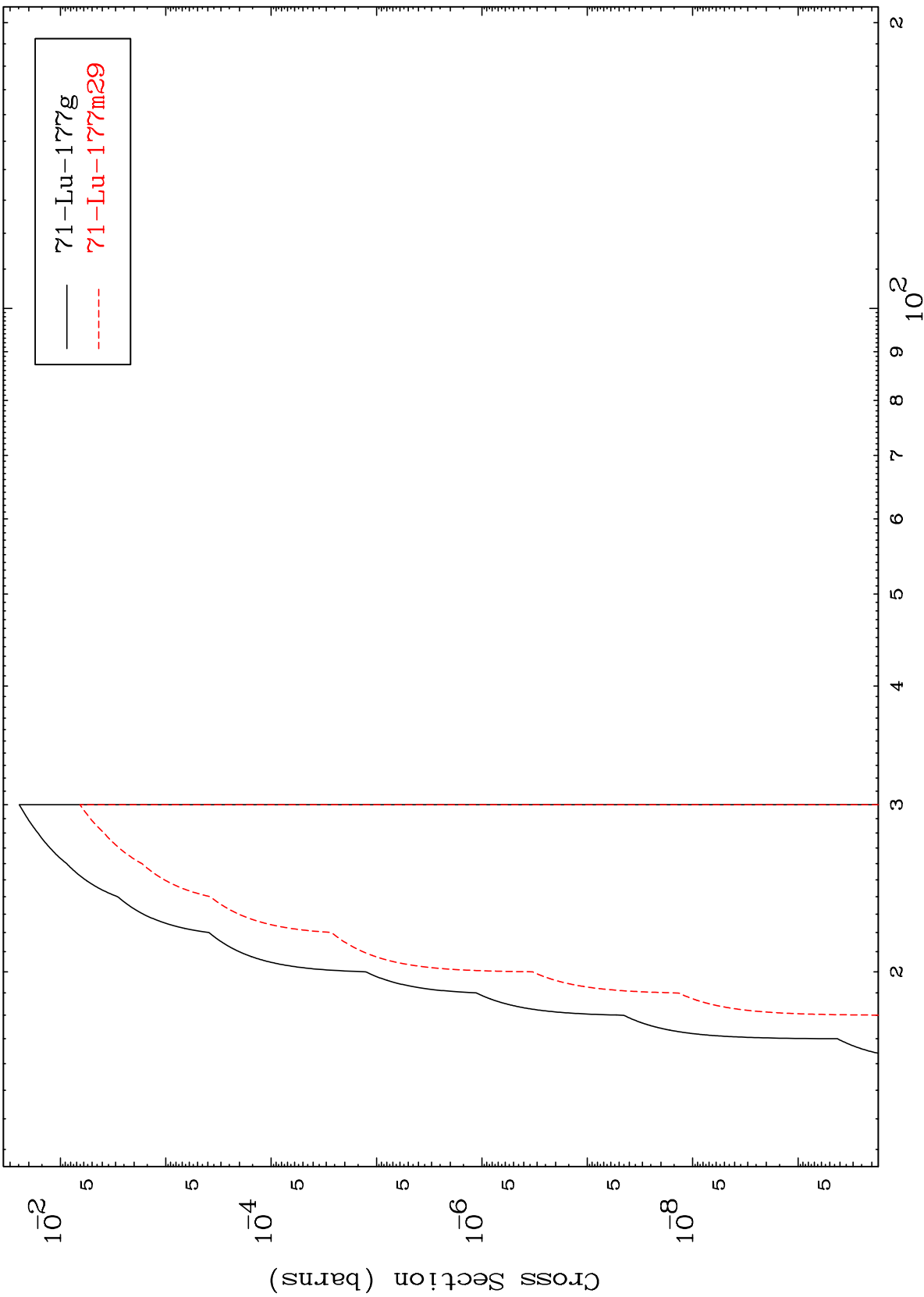
71-Lu-179

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(n,2n) d

71-Lu-179

Radionuclide Production Cross Section



71-Lu-177g
71-Lu-177m29

13

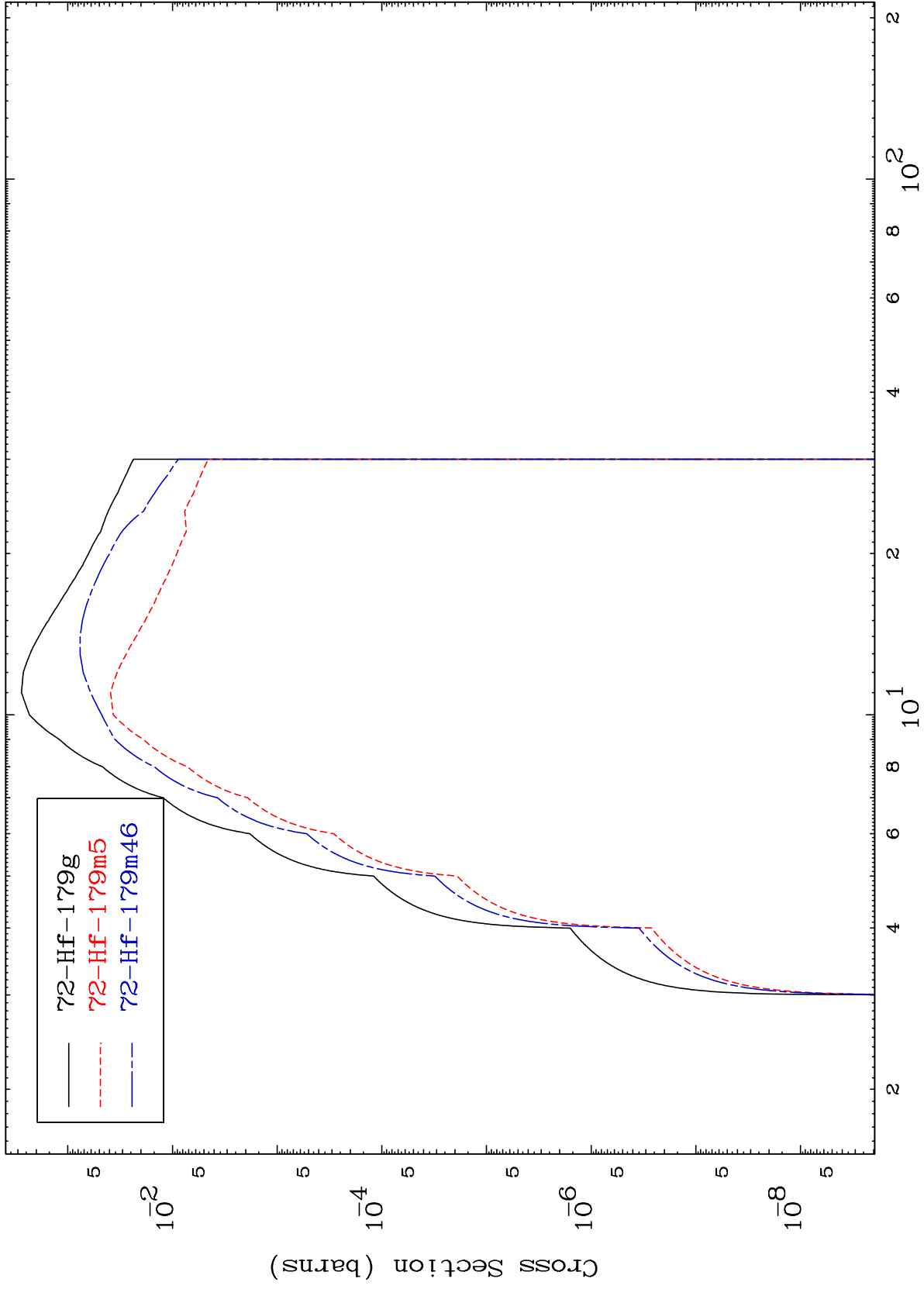
Incident Energy (MeV)

71-Lu-179

MAT 7137

71-Lu-179

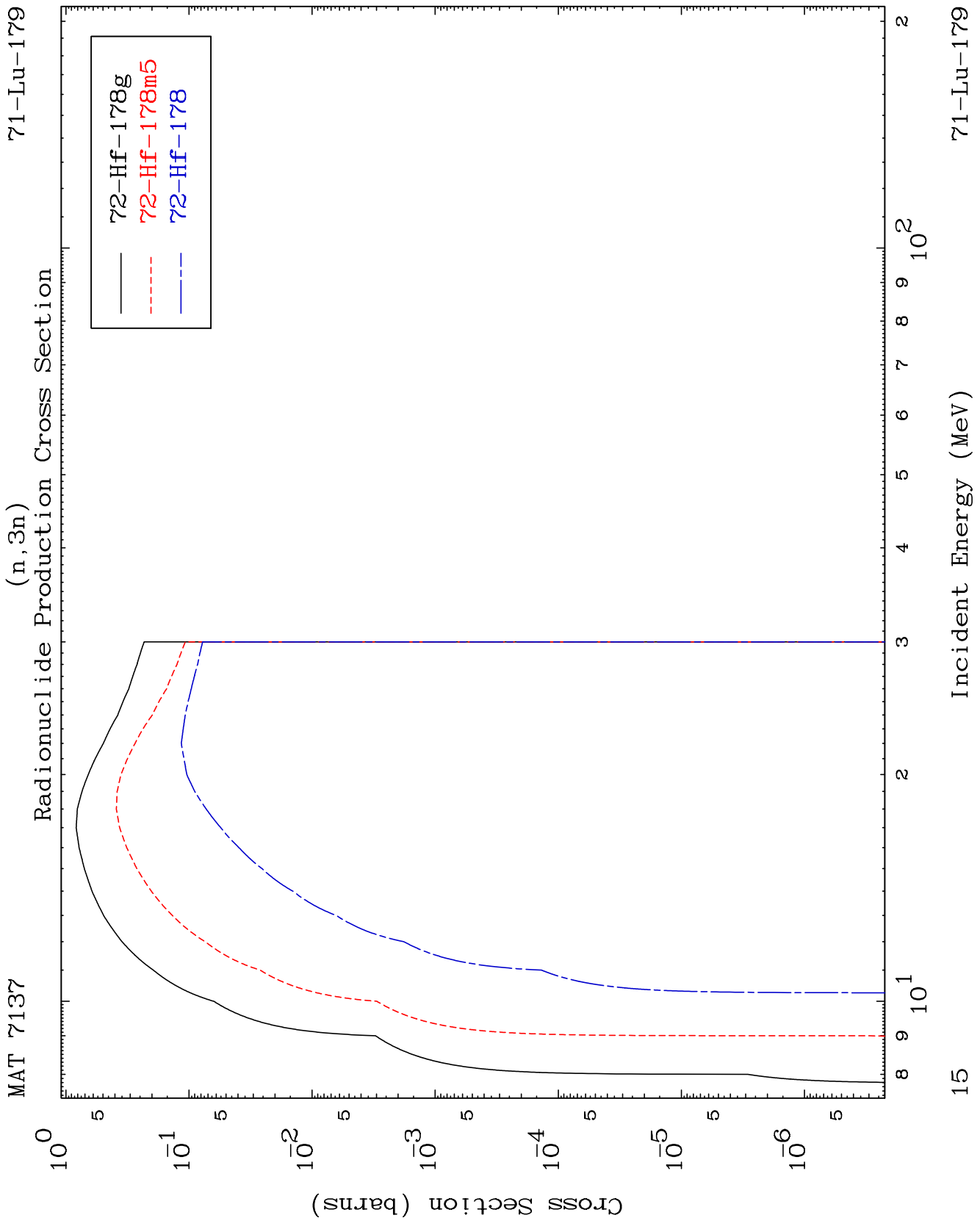
Radionuclide Production Cross Section
(n,2n)



14

Incident Energy (MeV)

71-Lu-179

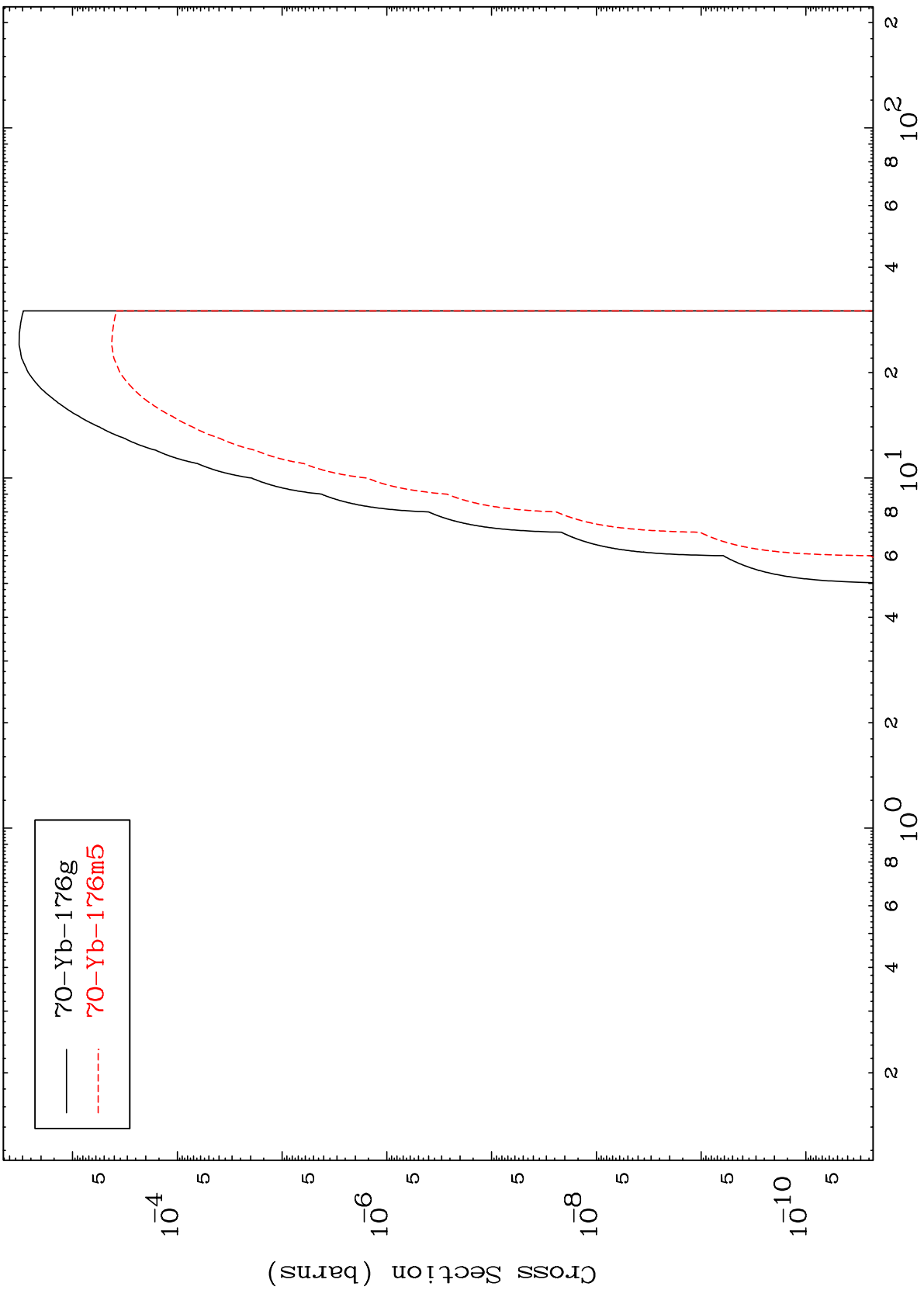


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$(n, n') \alpha$

$^{71}\text{Lu-179}$

Radionuclide Production Cross Section

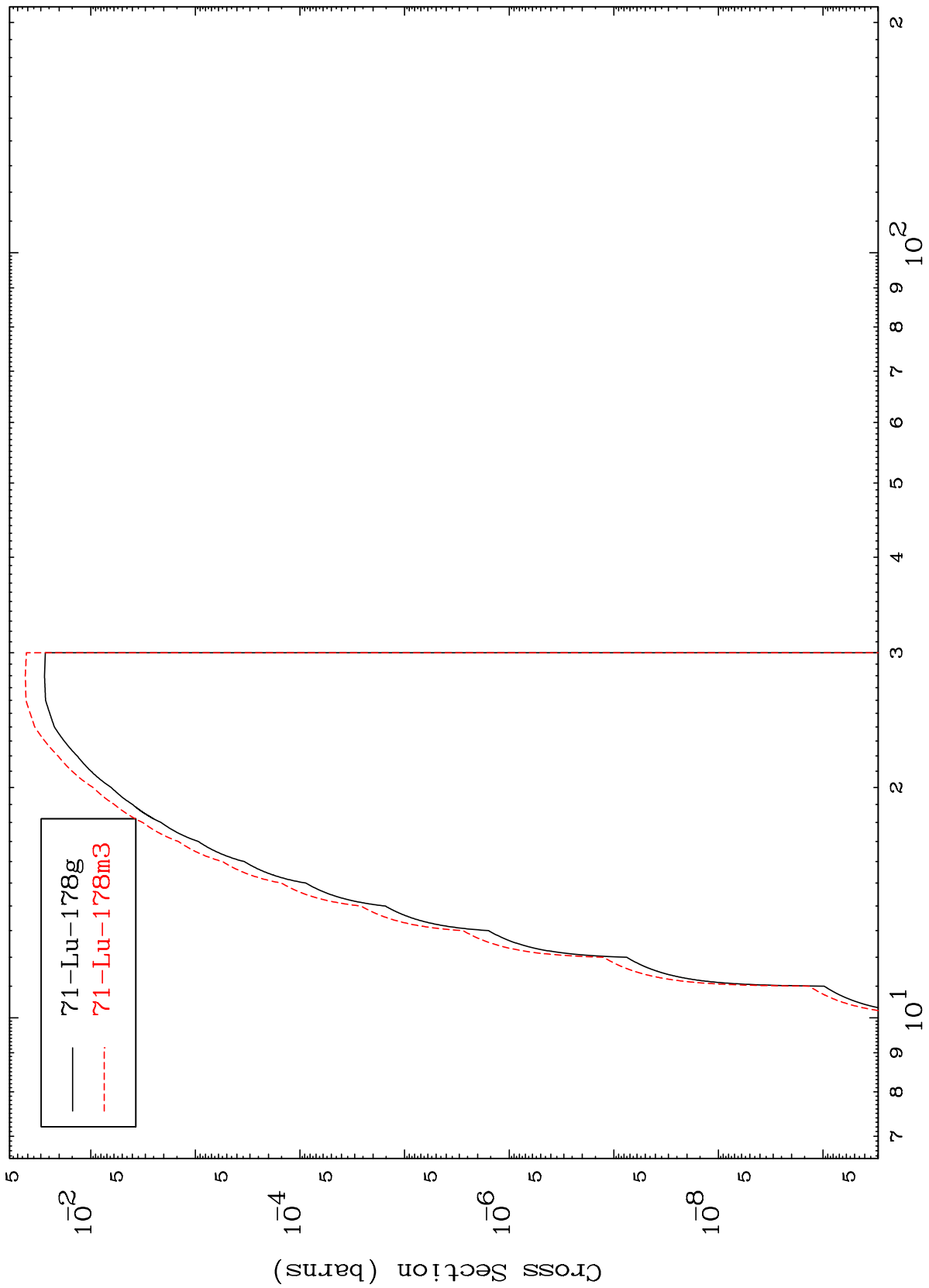


MAT 7137

(n,n') d

71-Lu-179

Radionuclide Production Cross Section



17

Incident Energy (MeV)

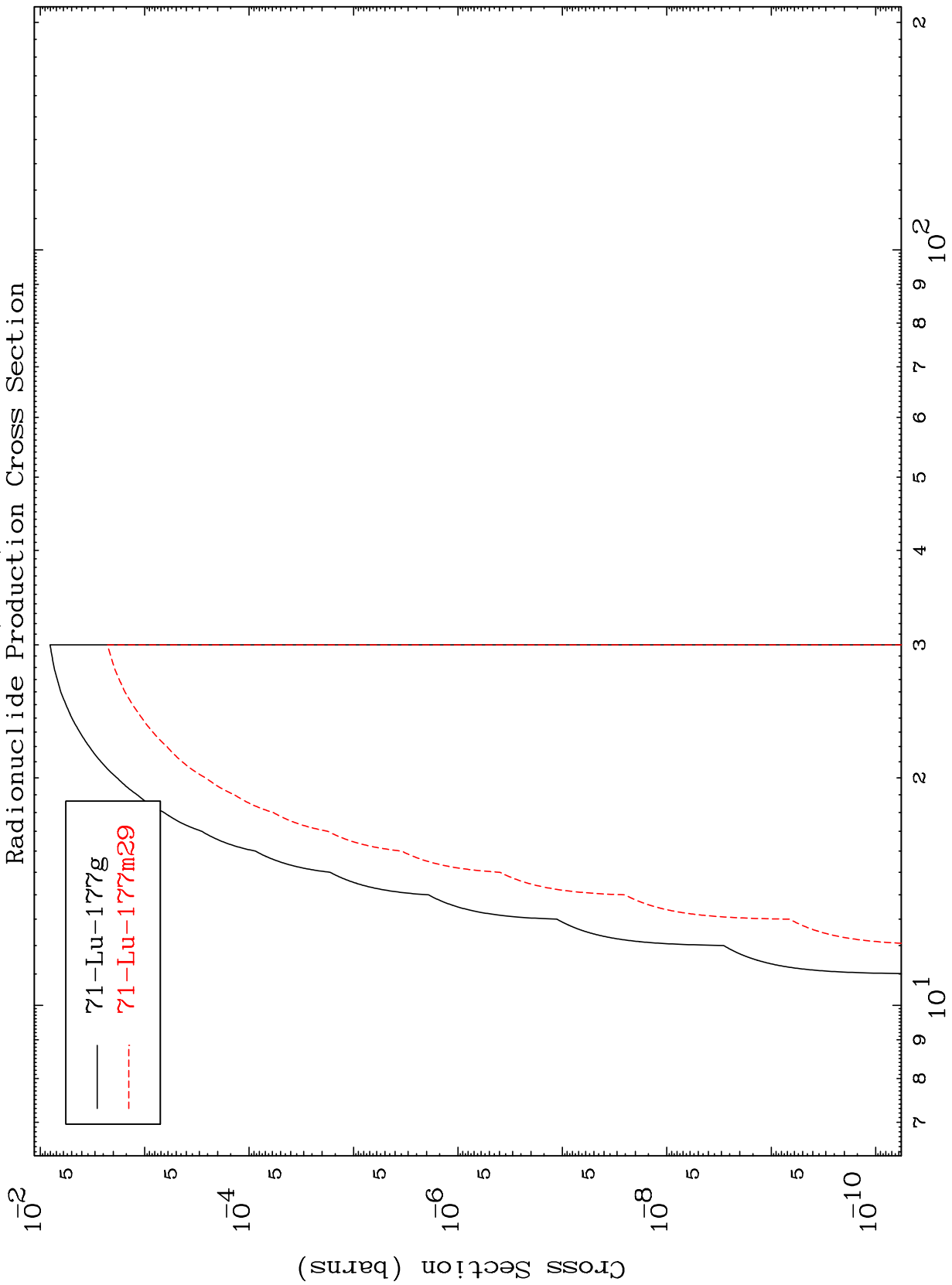
71-Lu-179

MAT 7137

(n,n') t

⁷¹Lu-179

Radionuclide Production Cross Section



18

Incident Energy (MeV)

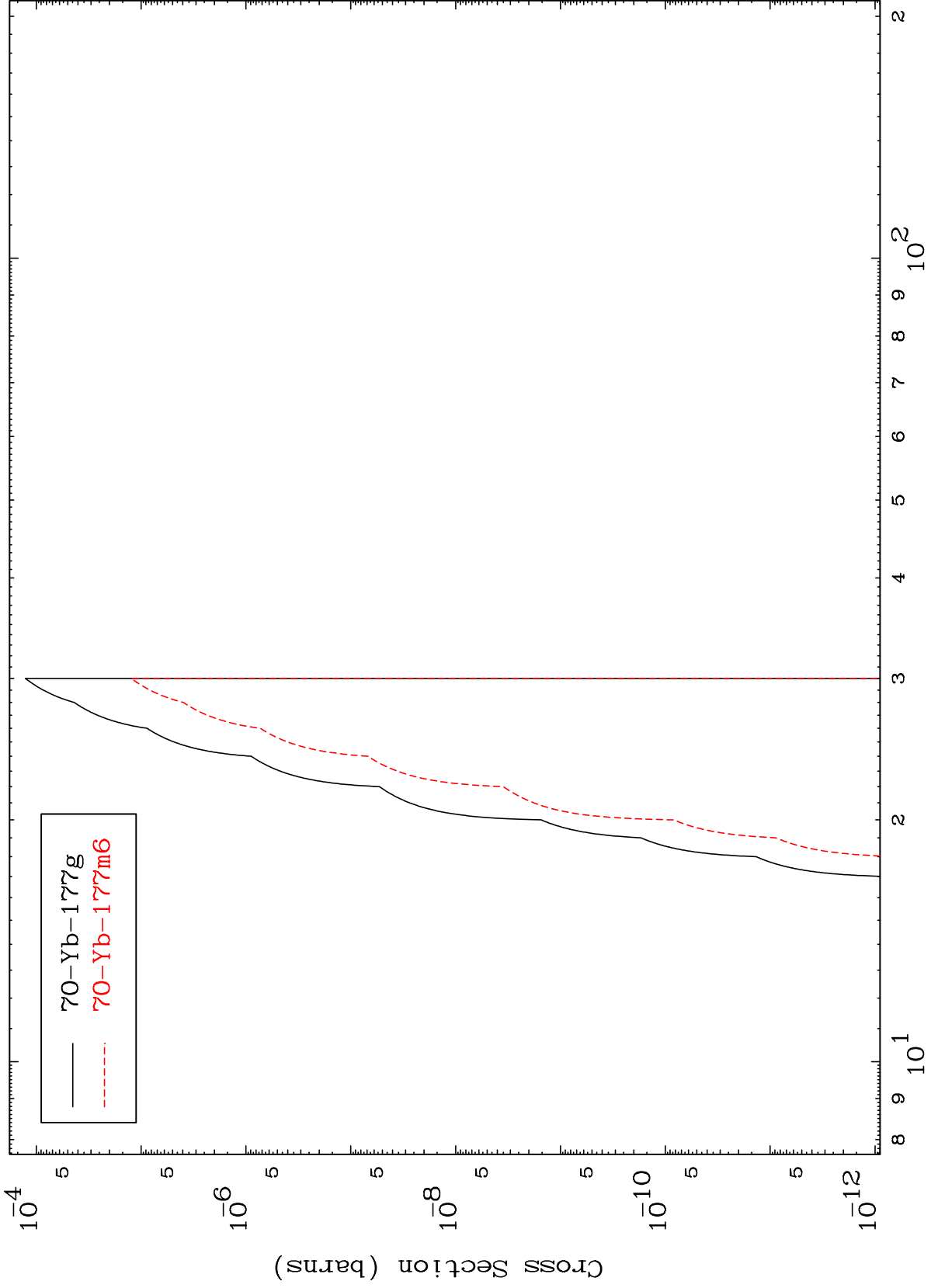
⁷¹Lu-179

MAT 7137

(n,n') He-3

71-Lu-179

Radionuclide Production Cross Section

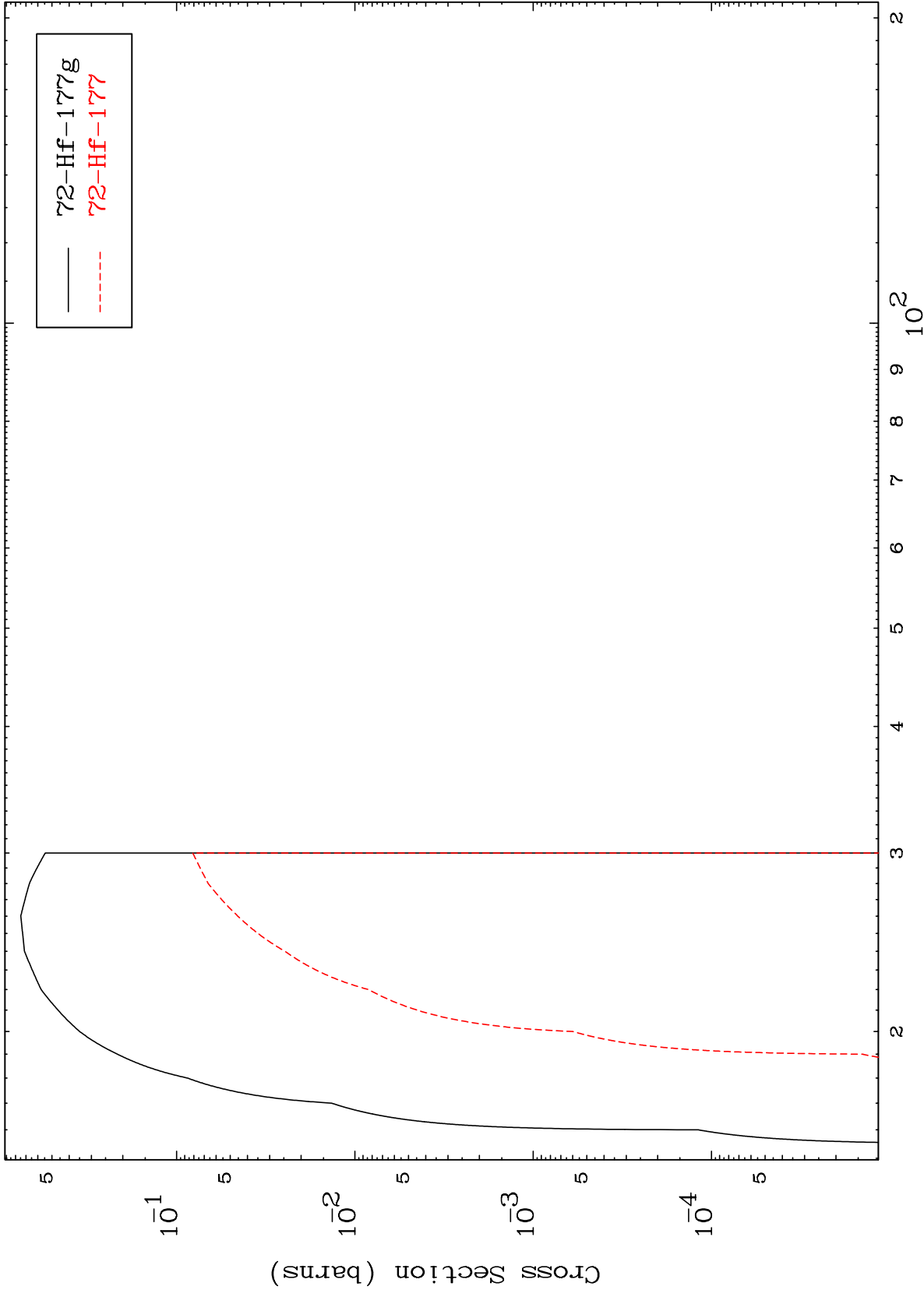


19

Incident Energy (MeV)

71-Lu-179

Radionuclide Production Cross Section

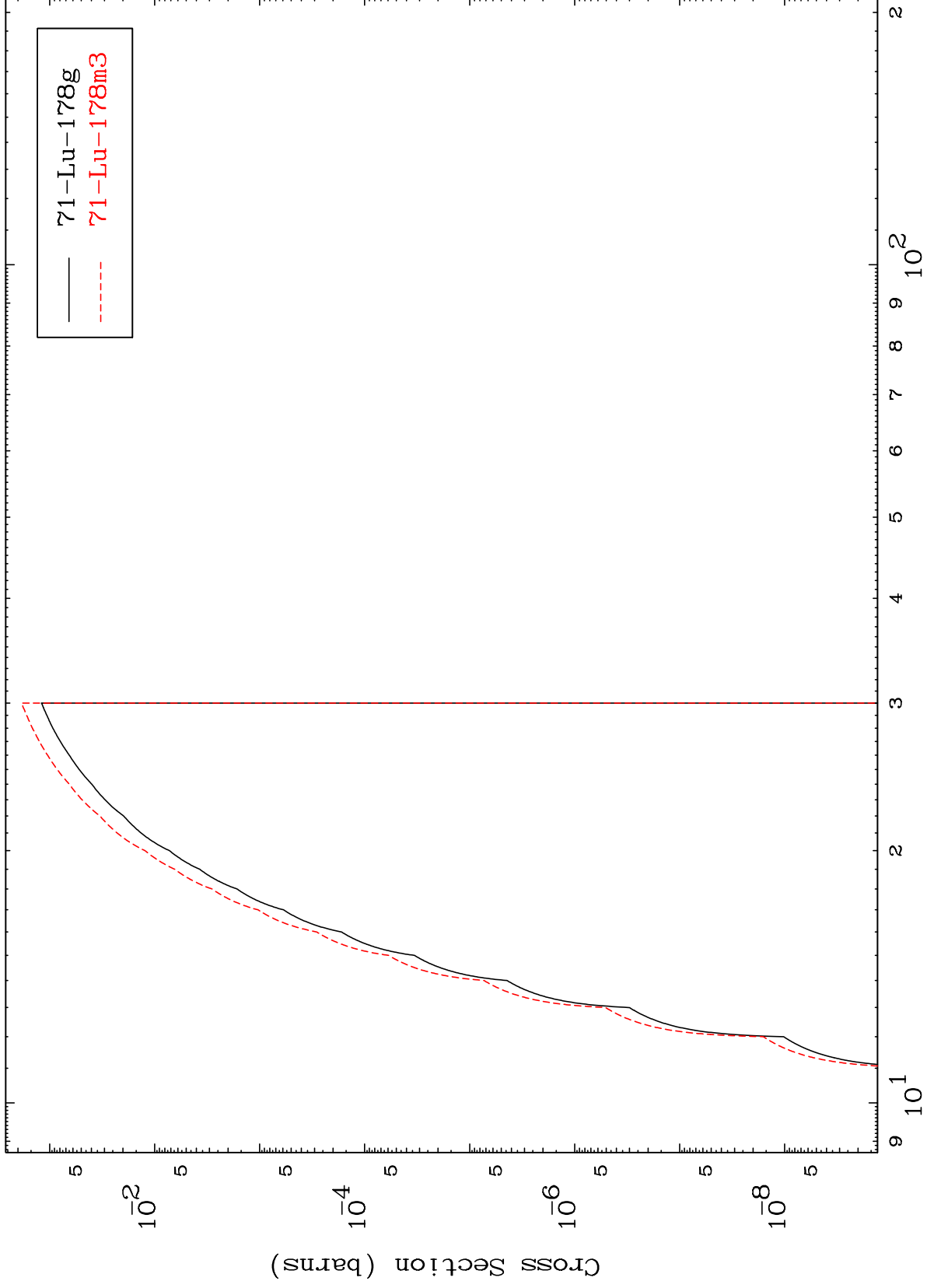


MAT 7137

(n,2n) p

71-Lu-179

Radionuclide Production Cross Section



21

Incident Energy (MeV)

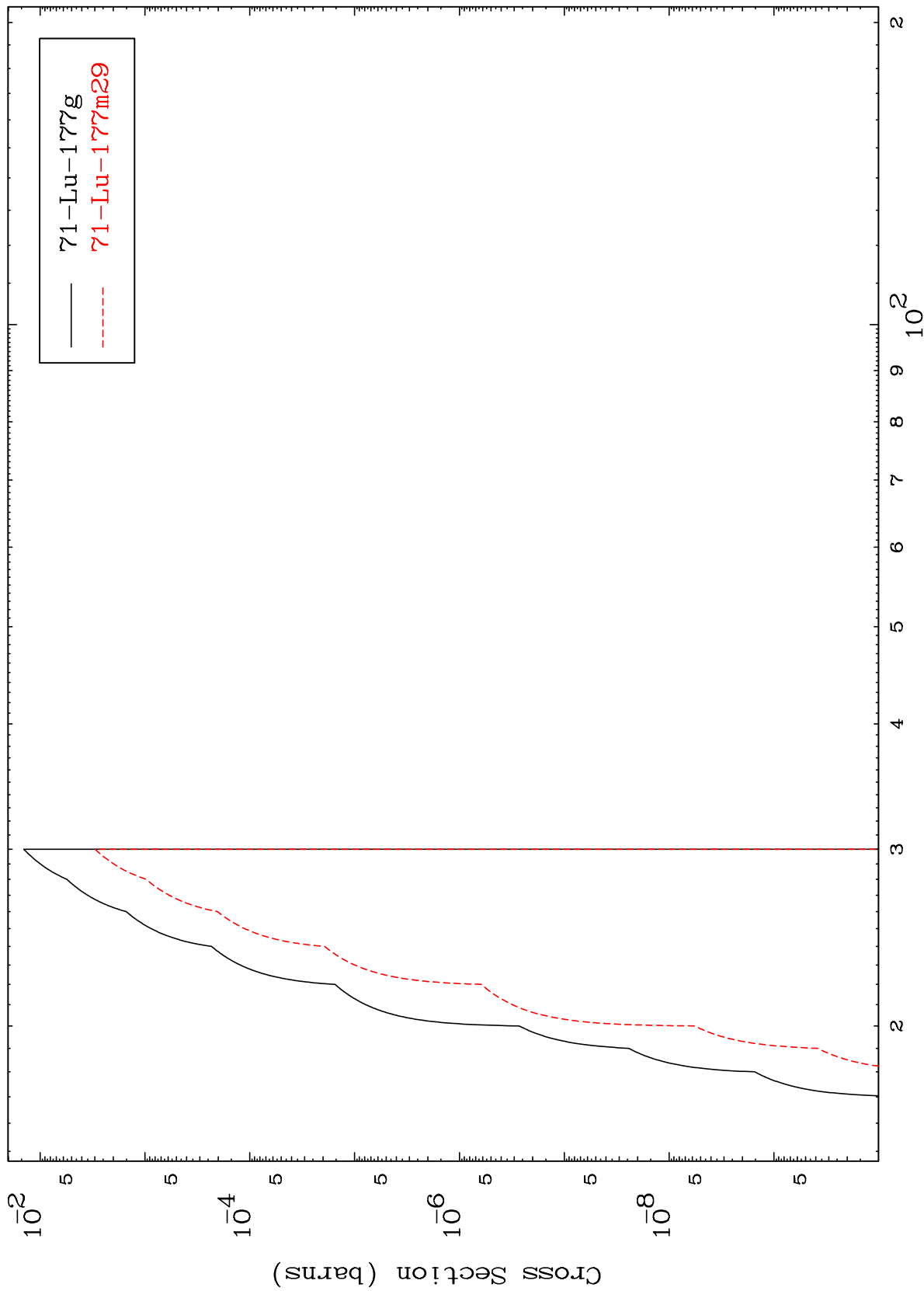
71-Lu-179

MAT 7137

(n,3n) p

⁷¹Lu-179

Radionuclide Production Cross Section



71-Lu-177g
71-Lu-177m29

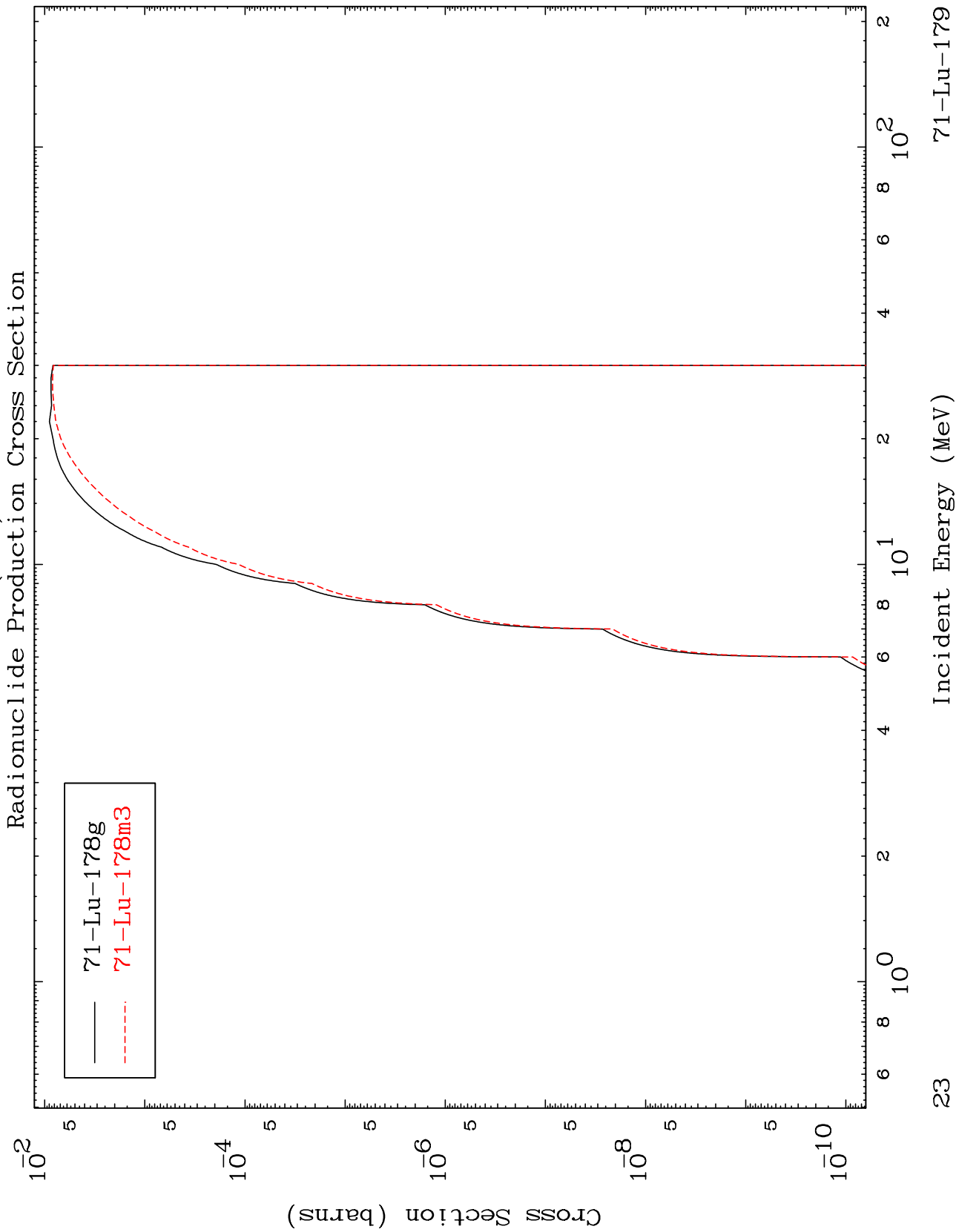
22

Incident Energy (MeV)

⁷¹Lu-179

MAT 7137

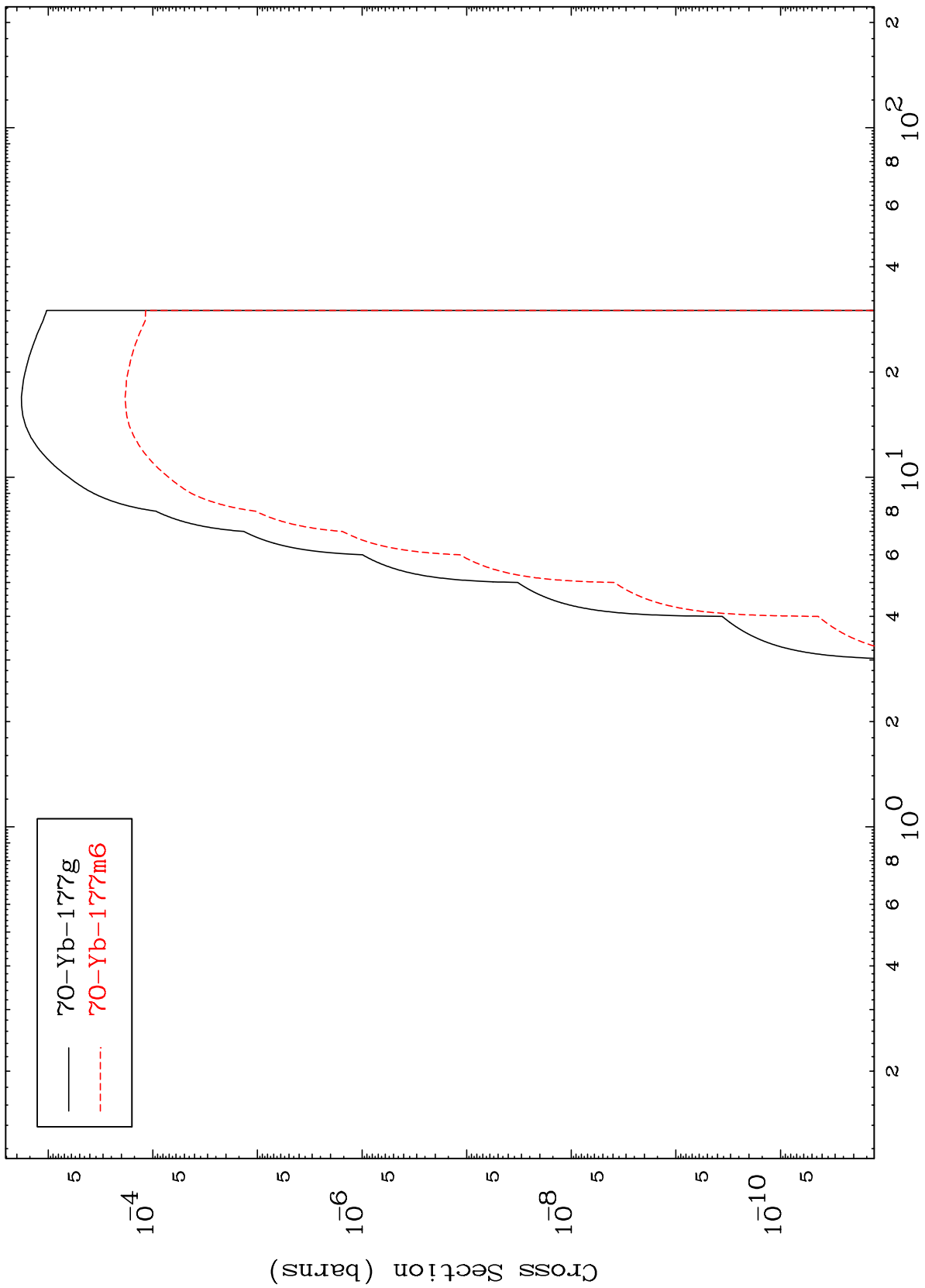
71-Lu-179



MAT 7137

71-Lu-179

Radionuclide Production Cross Section



24

71-Lu-179

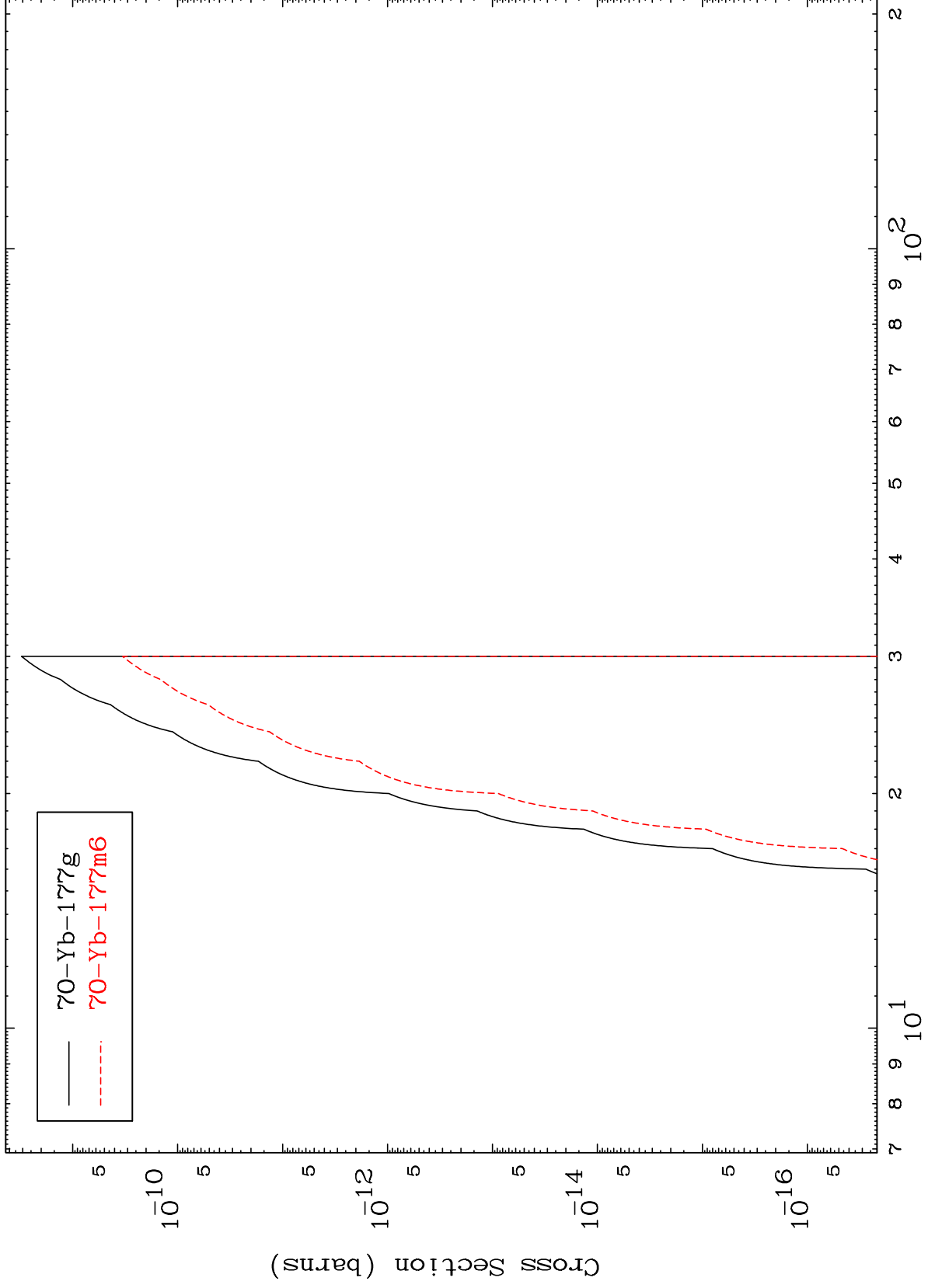
Incident Energy (MeV)

MAT 7137

(n,p) t

71-Lu-179

Radionuclide Production Cross Section



25

Incident Energy (MeV)

71-Lu-179