

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

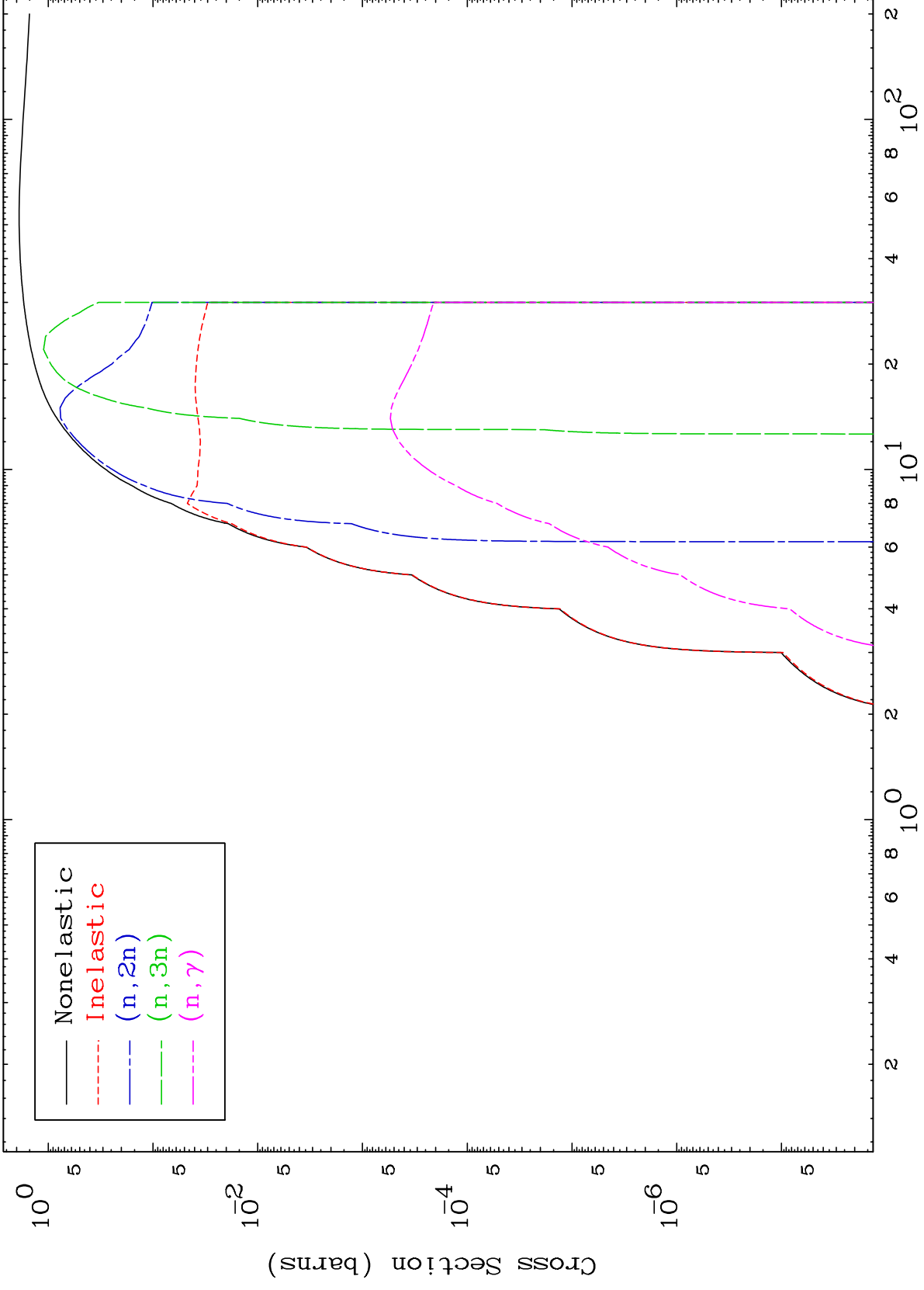
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

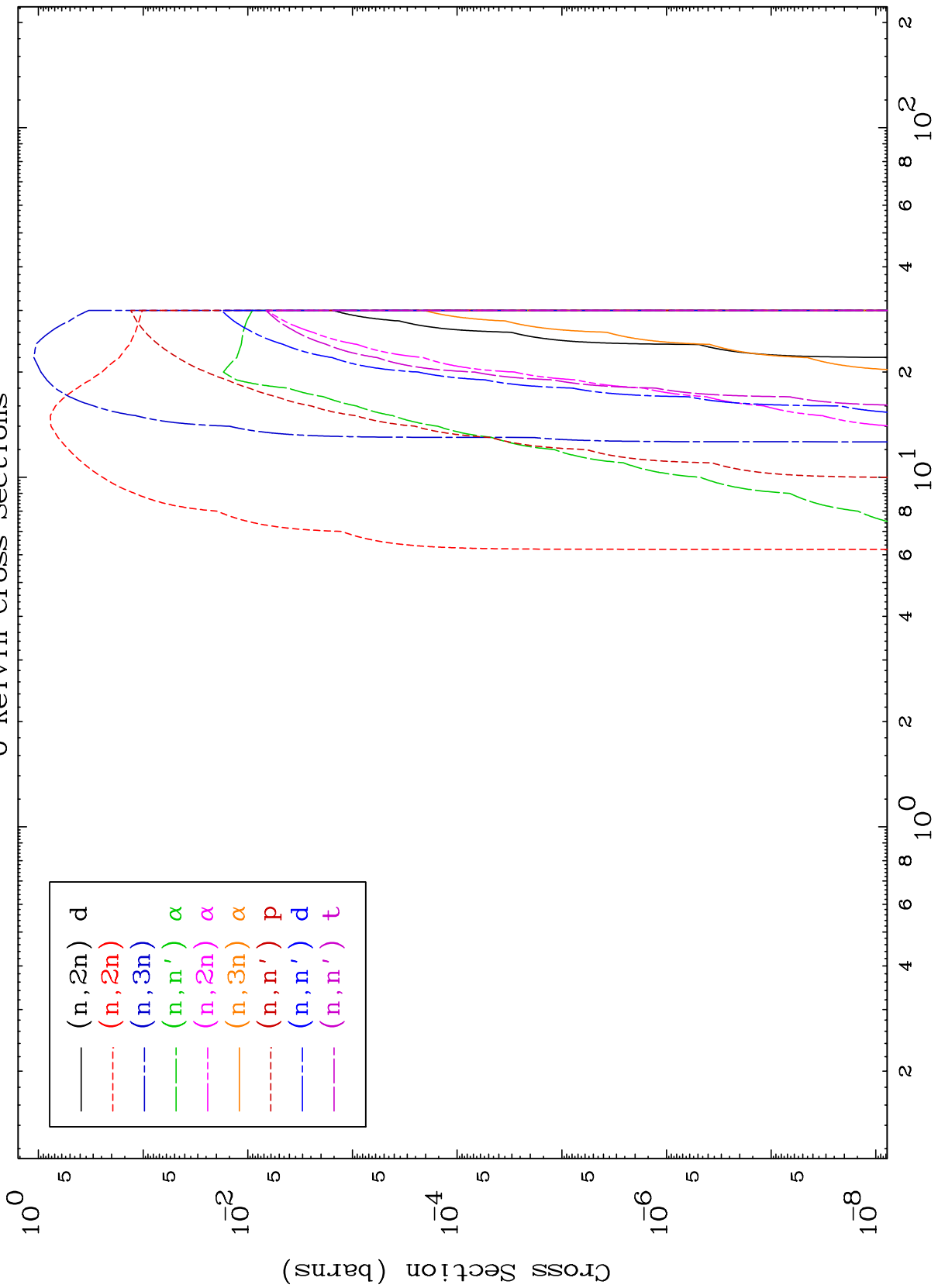
0 Kelvin Cross Sections



MAT 7135

Proton Neutron Absorption  
0 Kelvin Cross Sections

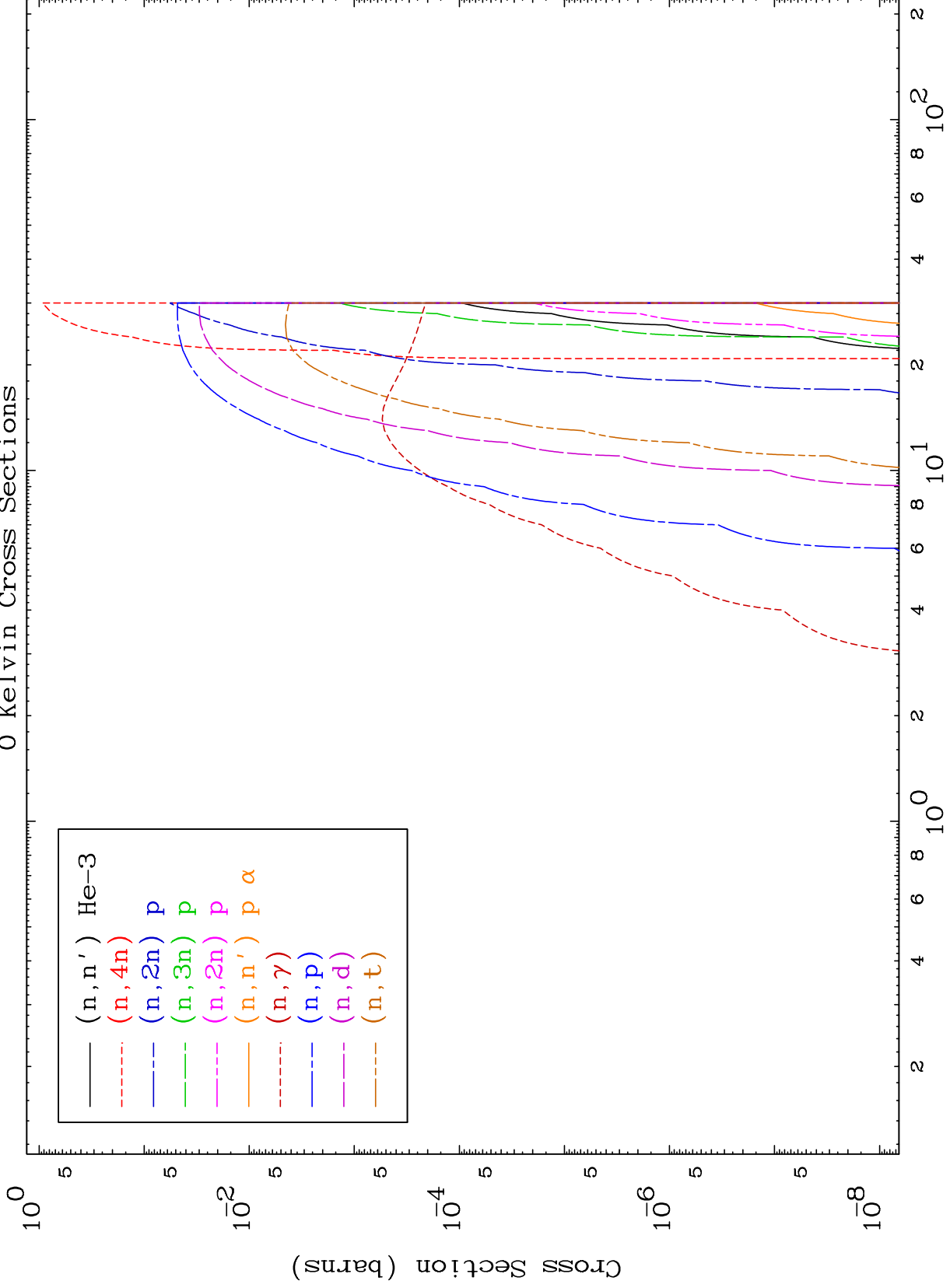
71-Lu-178m



MAT 7135

Proton Neutron Absorption  
0 Kelvin Cross Sections

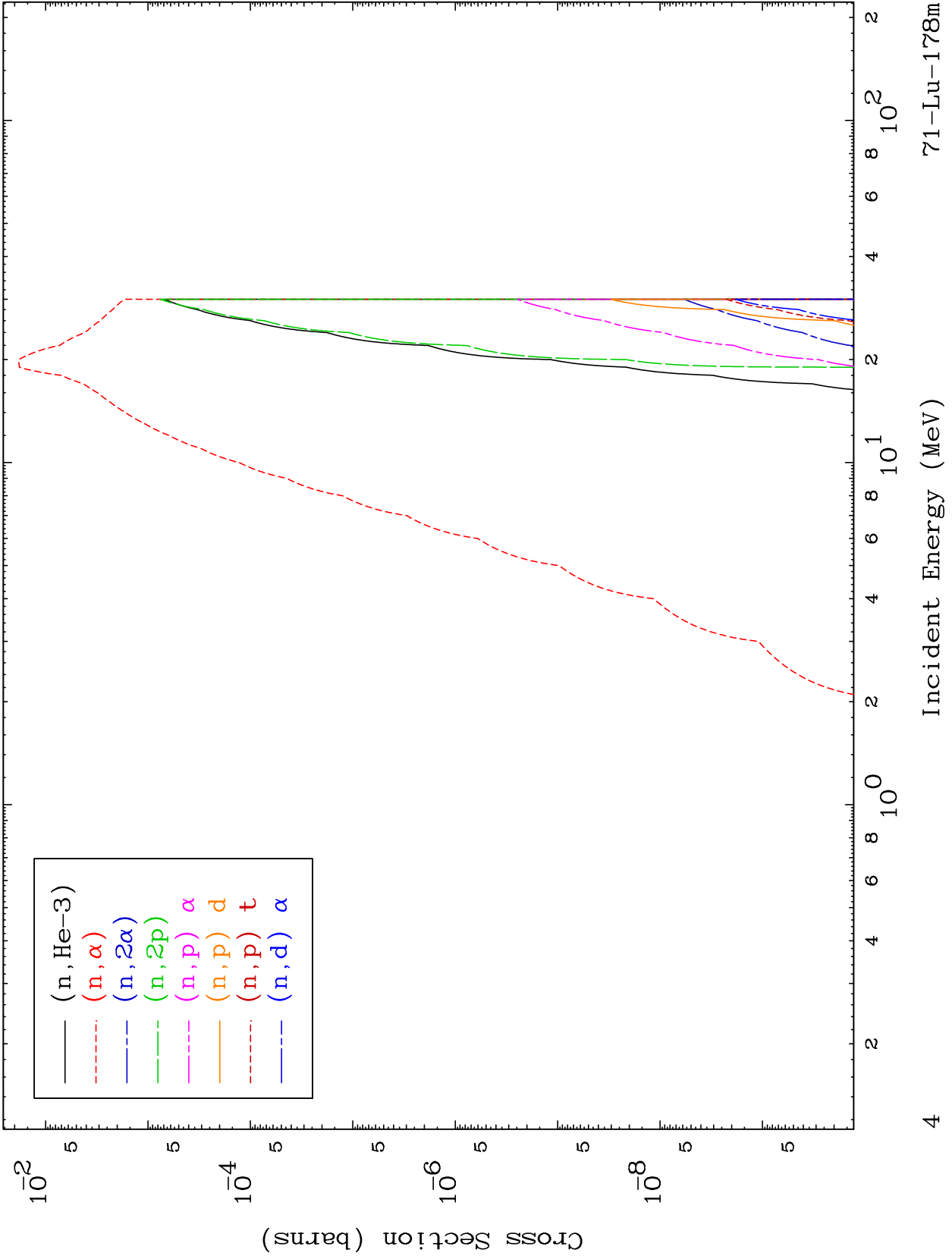
71-Lu-178m



MAT 7135

Proton Neutron Absorption  
0 Kelvin Cross Sections

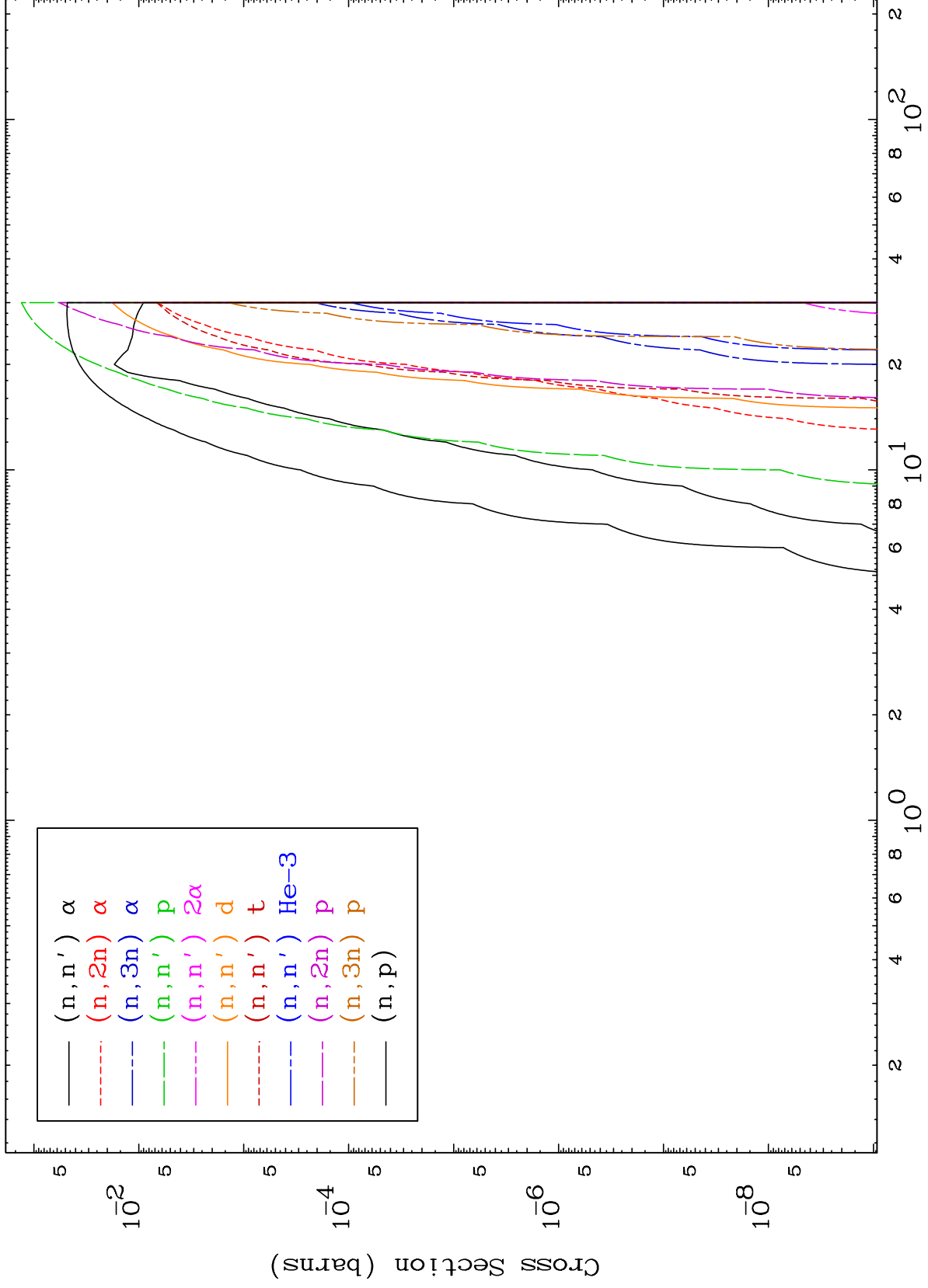
71-Lu-178m



MAT 7135

Proton Charged Particle  
0 Kelvin Cross Sections

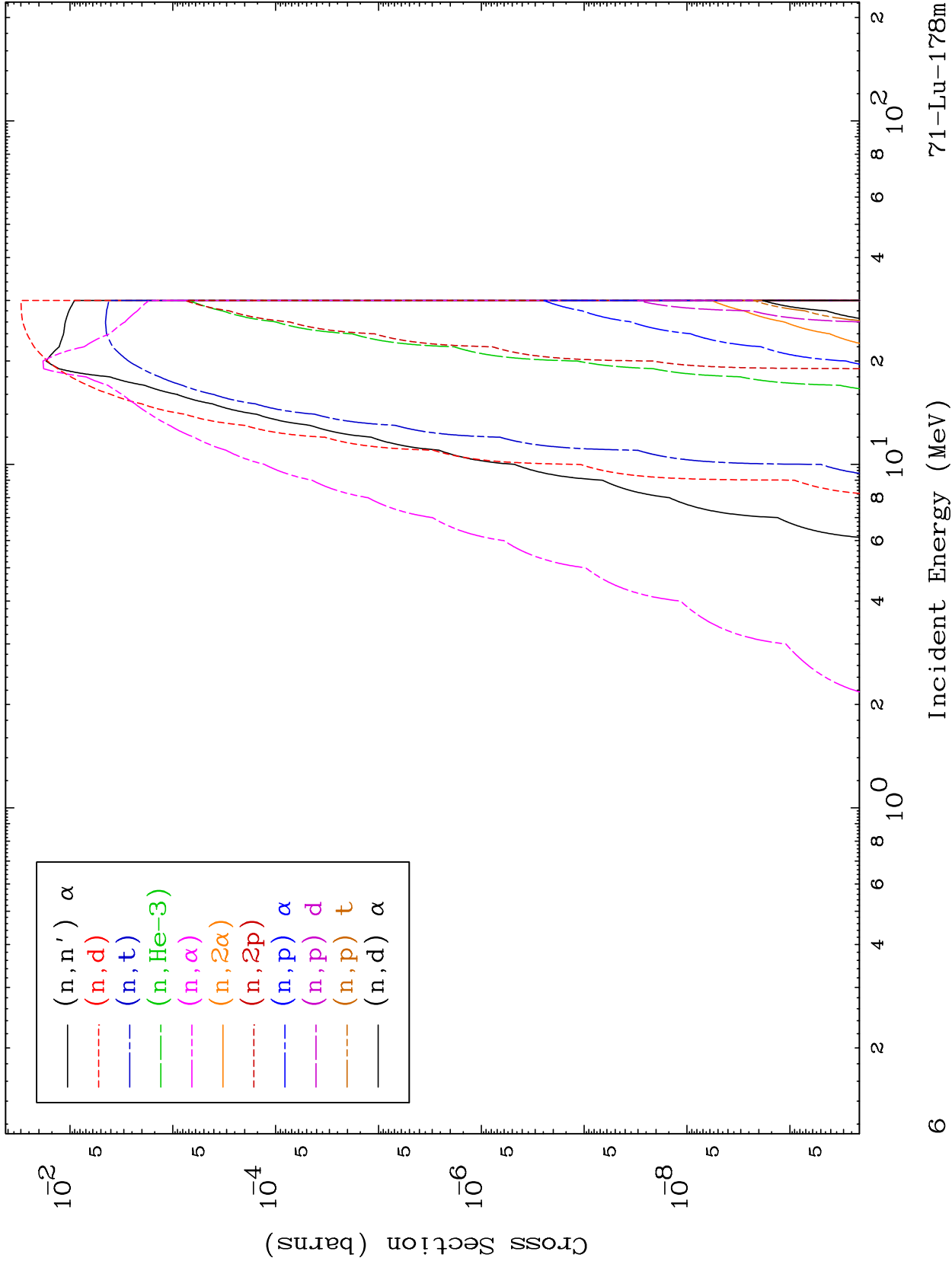
71-Lu-178m



MAT 7135

Proton Charged Particle  
0 Kelvin Cross Sections

71-Lu-178m

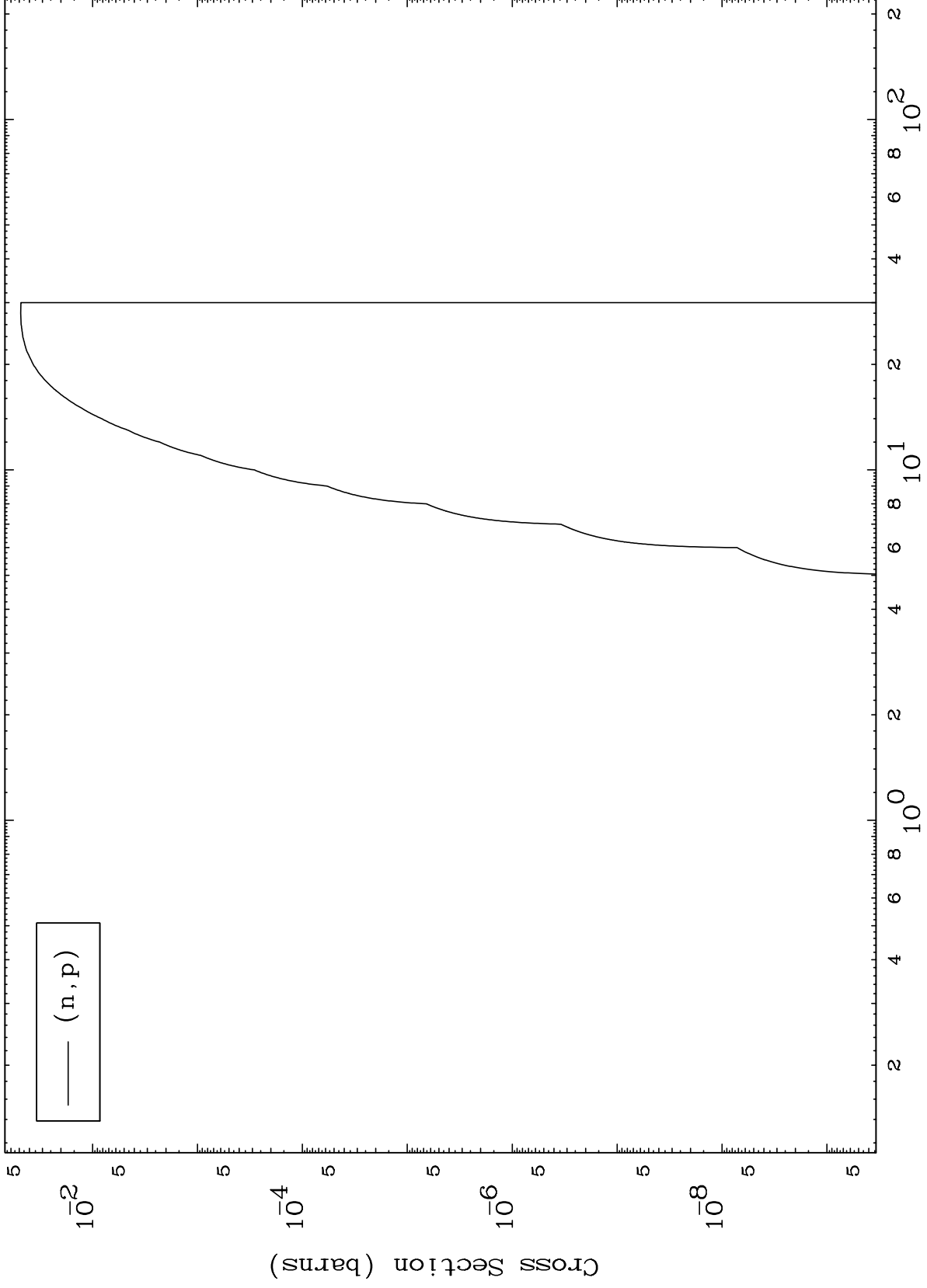


MAT 7135

(p,p) Levels

71-Lu-178m

0 Kelvin Cross Sections



7

Incident Energy (MeV)

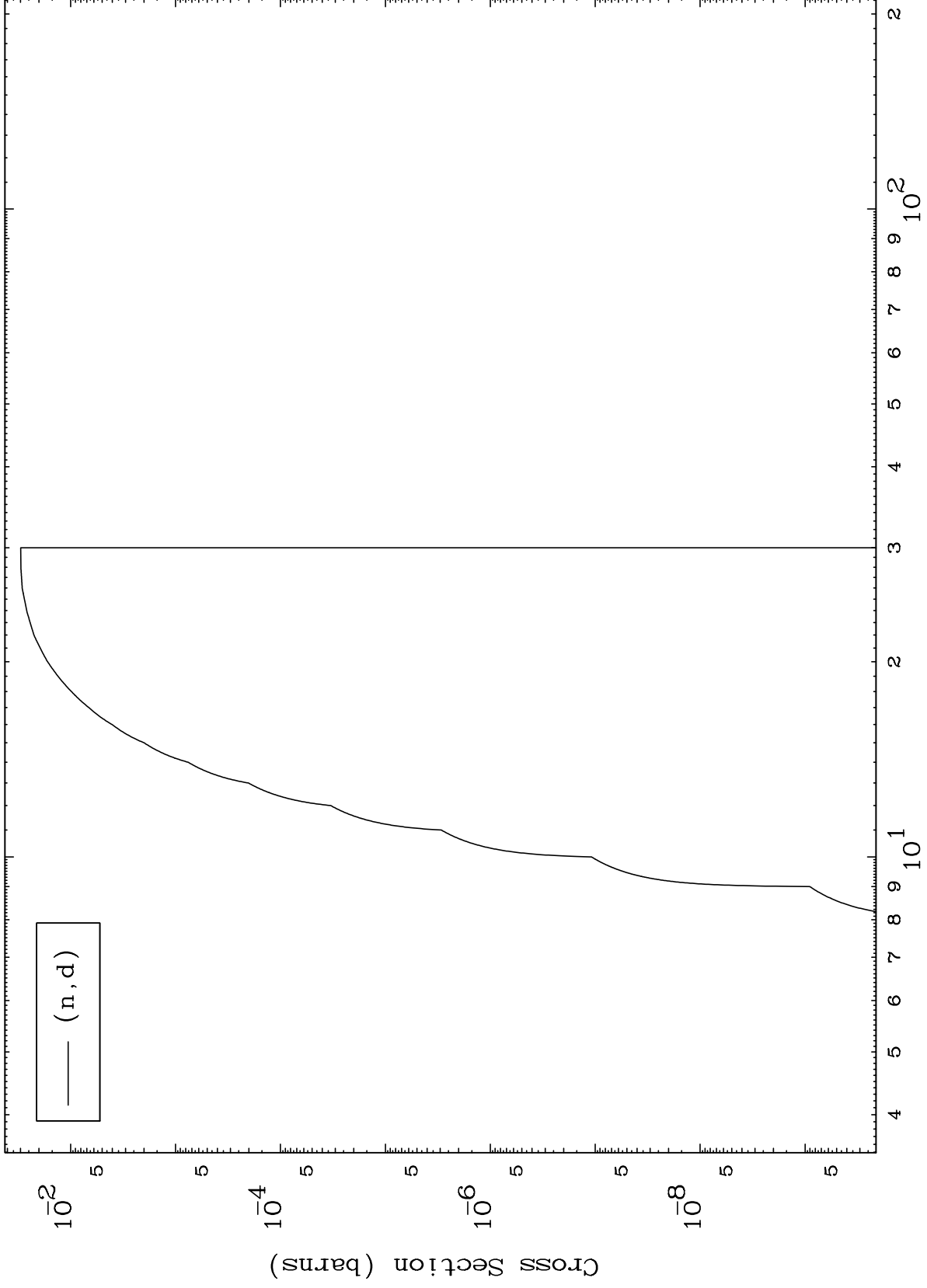
71-Lu-178m



MAT 7135

(p,d) Levels  
0 Kelvin Cross Sections

71-Lu-178m



8

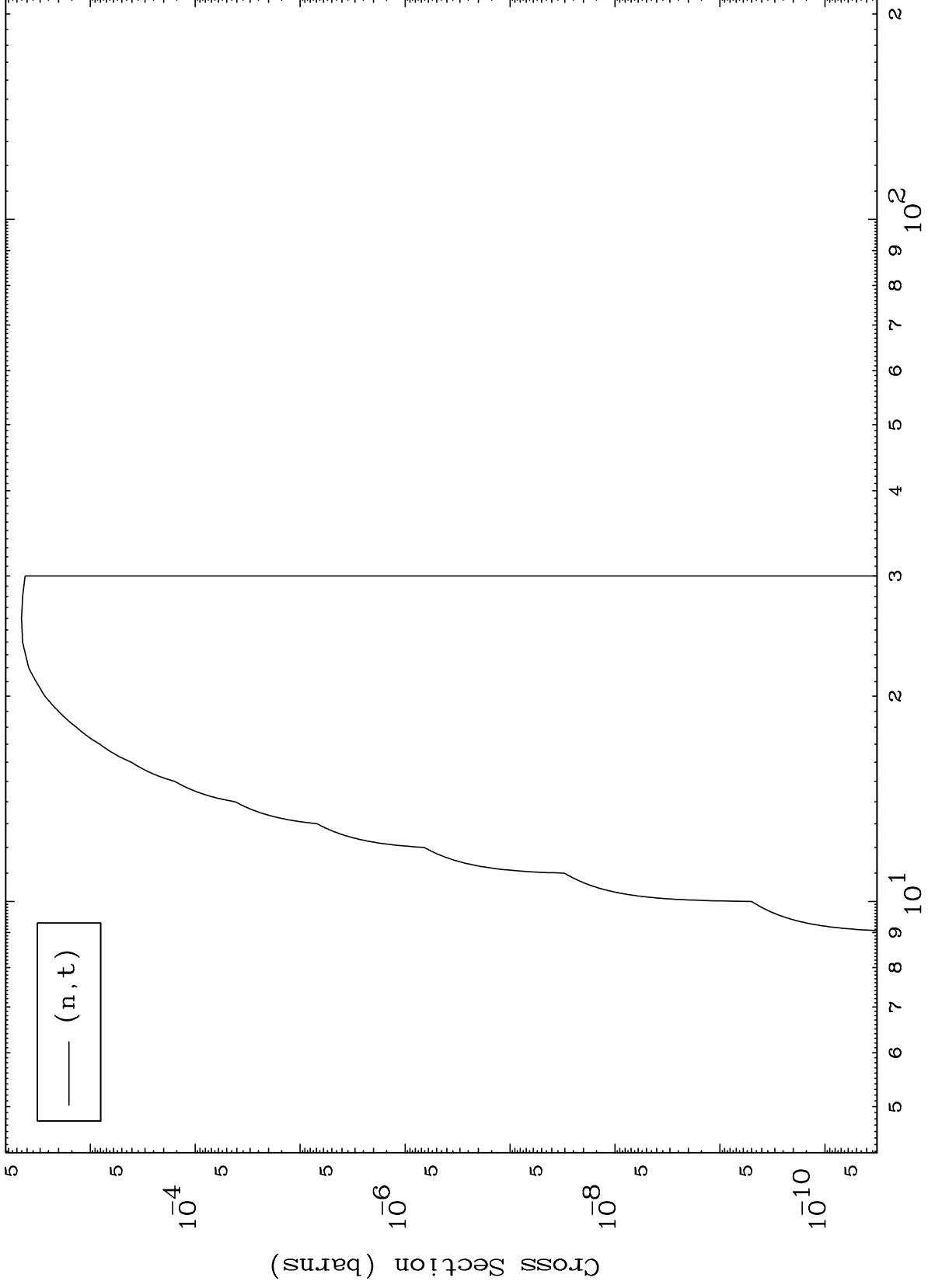
Incident Energy (MeV)

71-Lu-178m

MAT 7135

(p,t) Levels  
0 Kelvin Cross Sections

71-Lu-178m



9

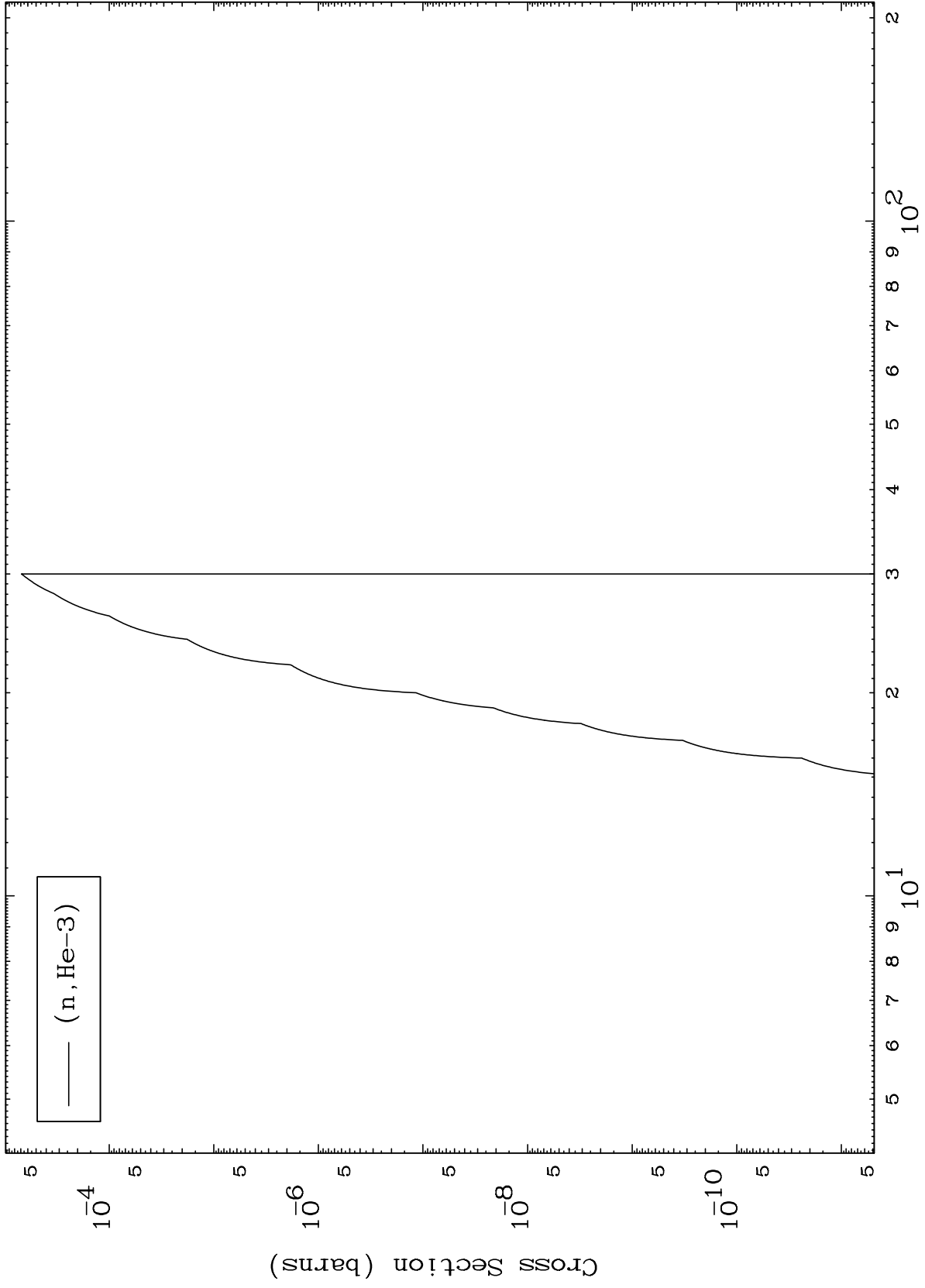
Incident Energy (MeV)

71-Lu-178m

MAT 7135

(p,He3) Levels  
0 Kelvin Cross Sections

71-Lu-178m



10

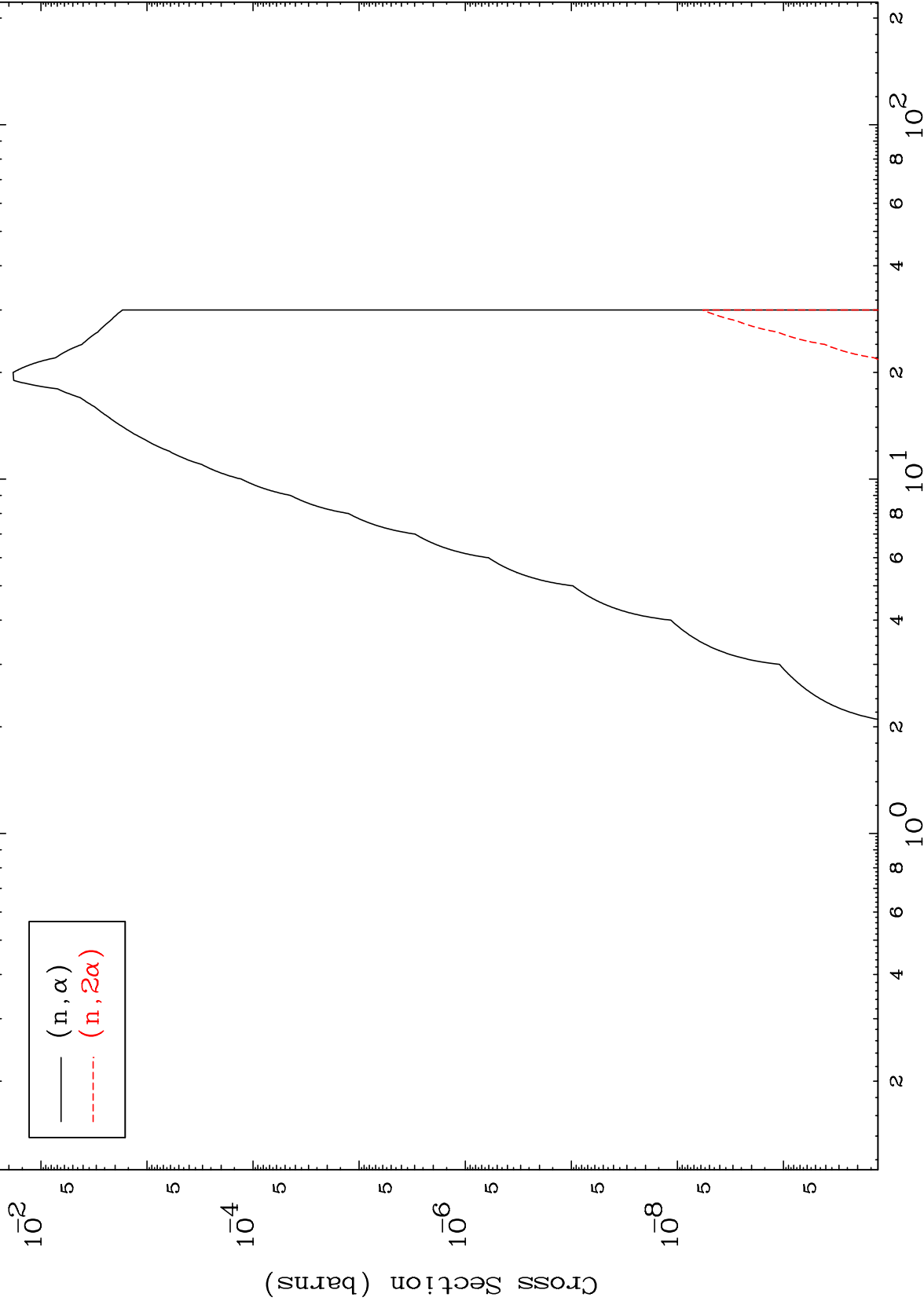
Incident Energy (MeV)

71-Lu-178m

MAT 7135

(p,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

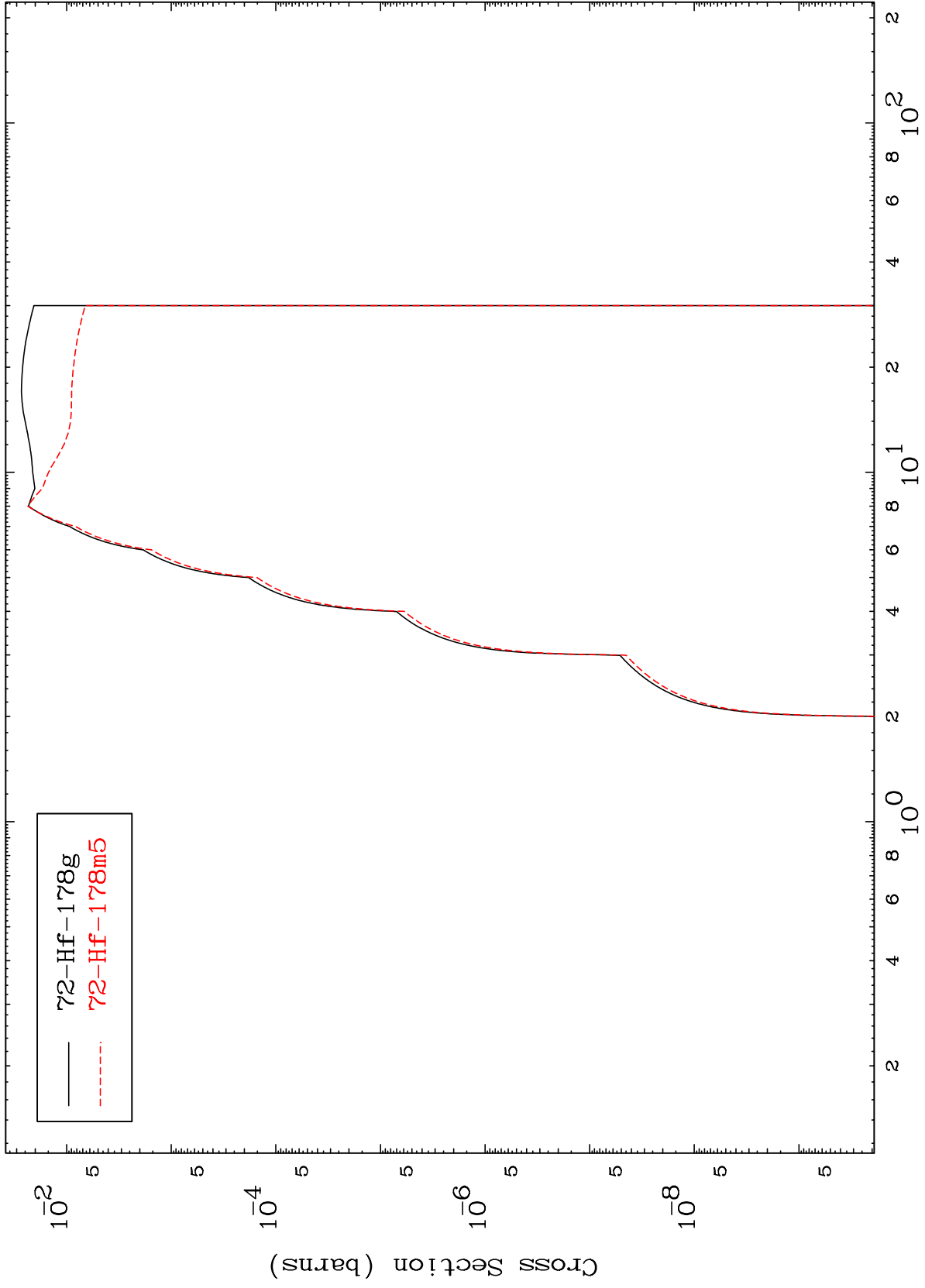
71-Lu-178m



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Radionuclide Production Cross Section

71-Lu-178m



12

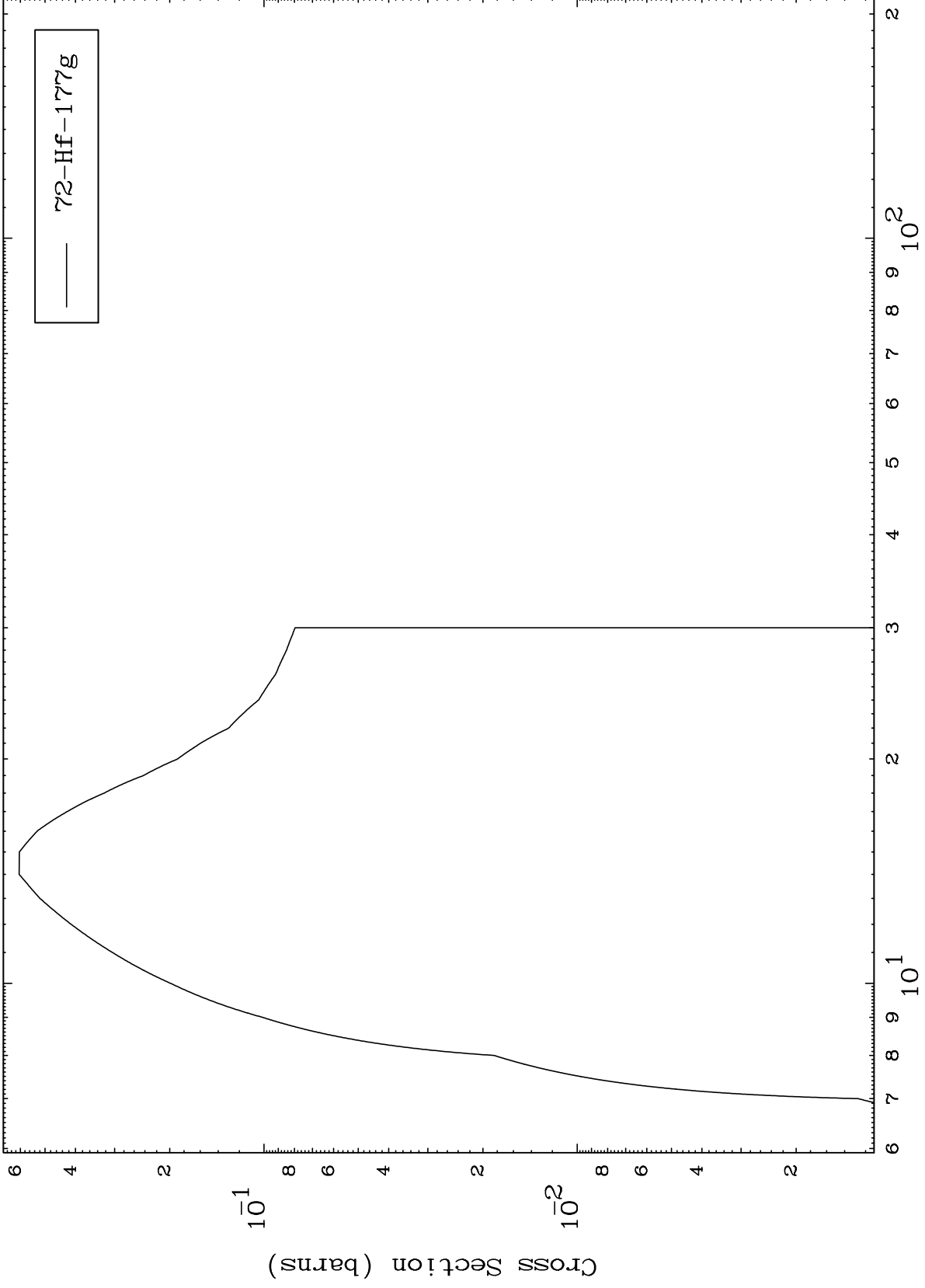
Incident Energy (MeV)

71-Lu-178m

MAT 7135

71-Lu-178m

(n,2n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

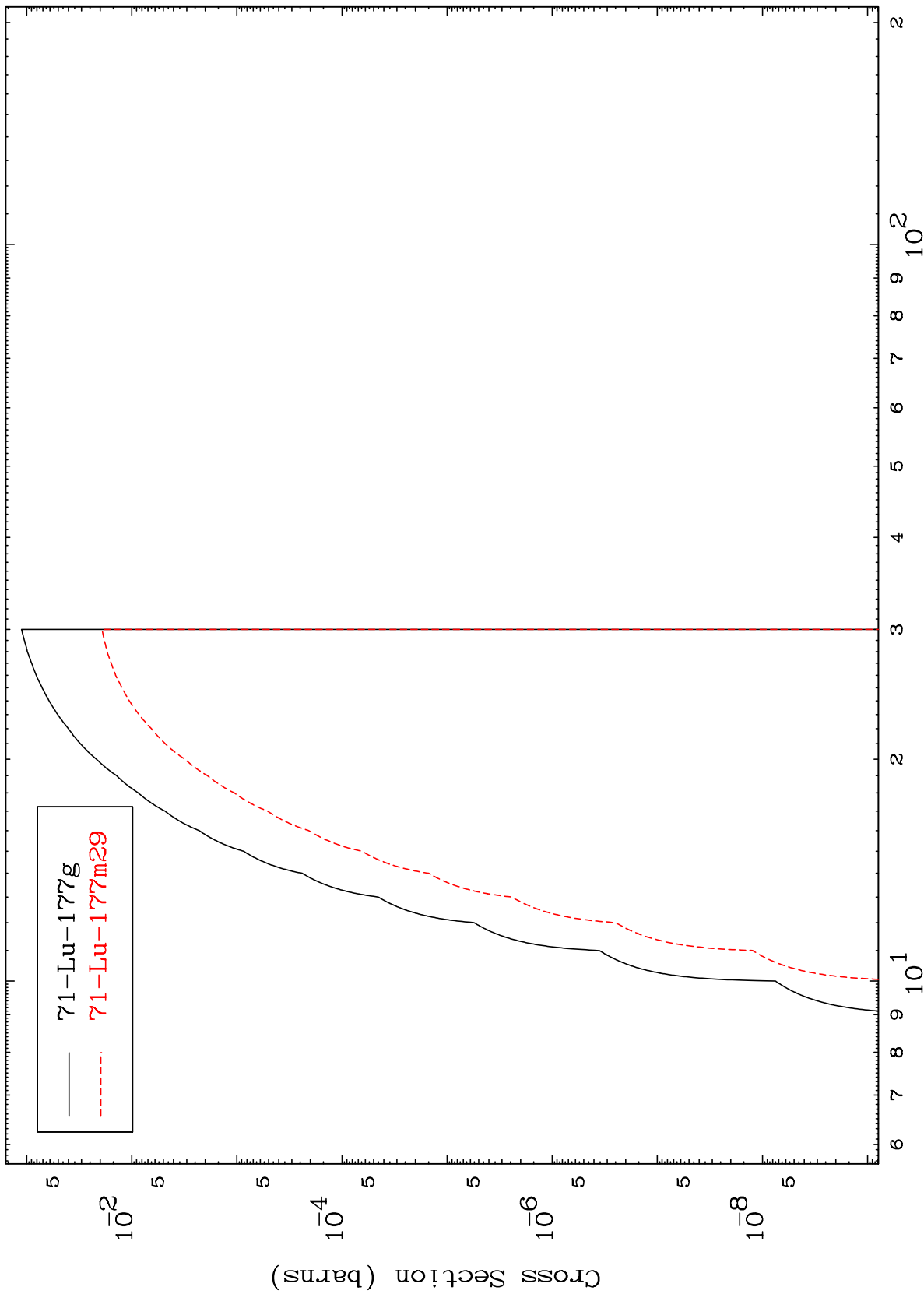
71-Lu-178m

MAT 7135

(n,n') p

<sup>71</sup>Lu-178m

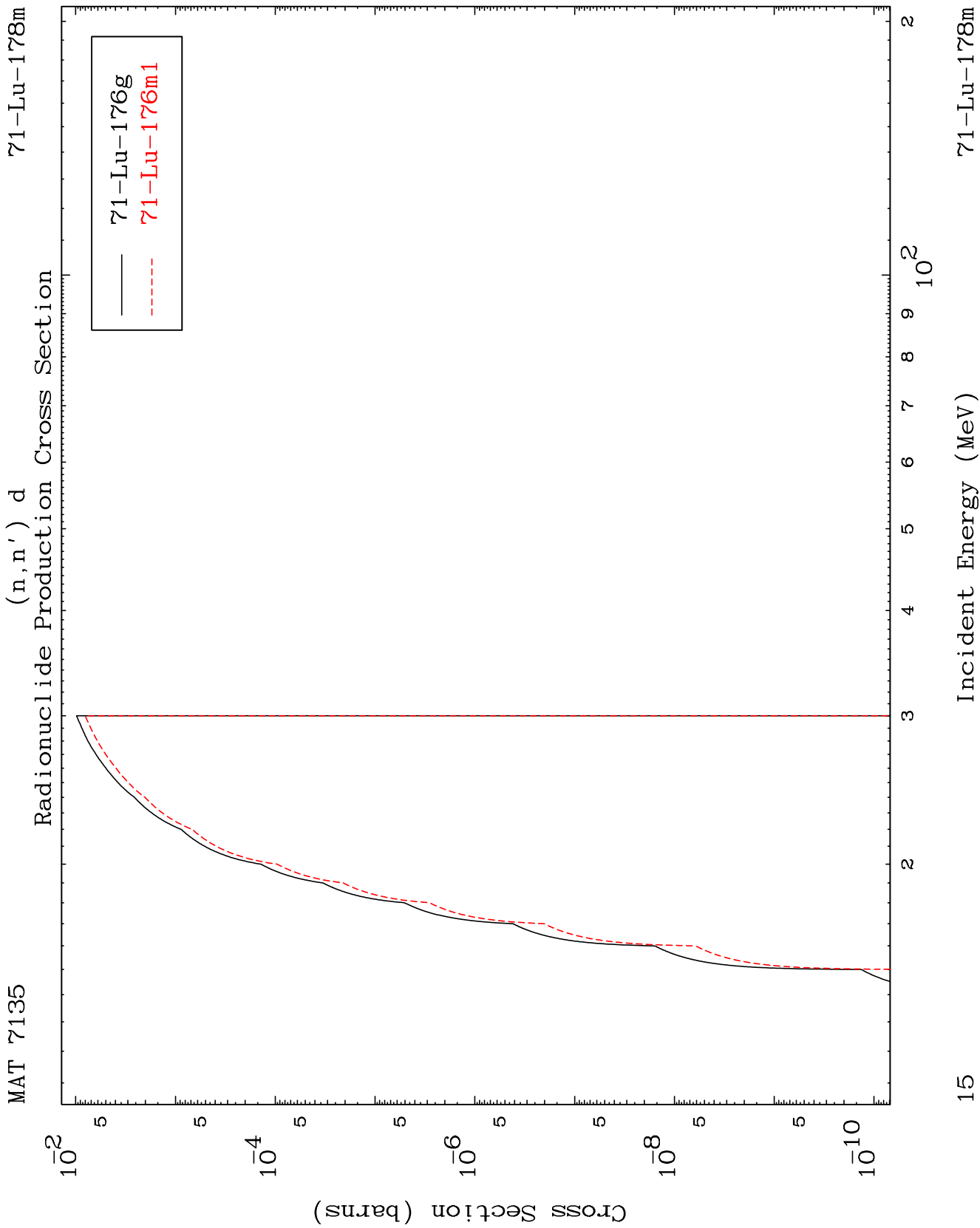
Radionuclide Production Cross Section



14

Incident Energy (MeV)

<sup>71</sup>Lu-178m



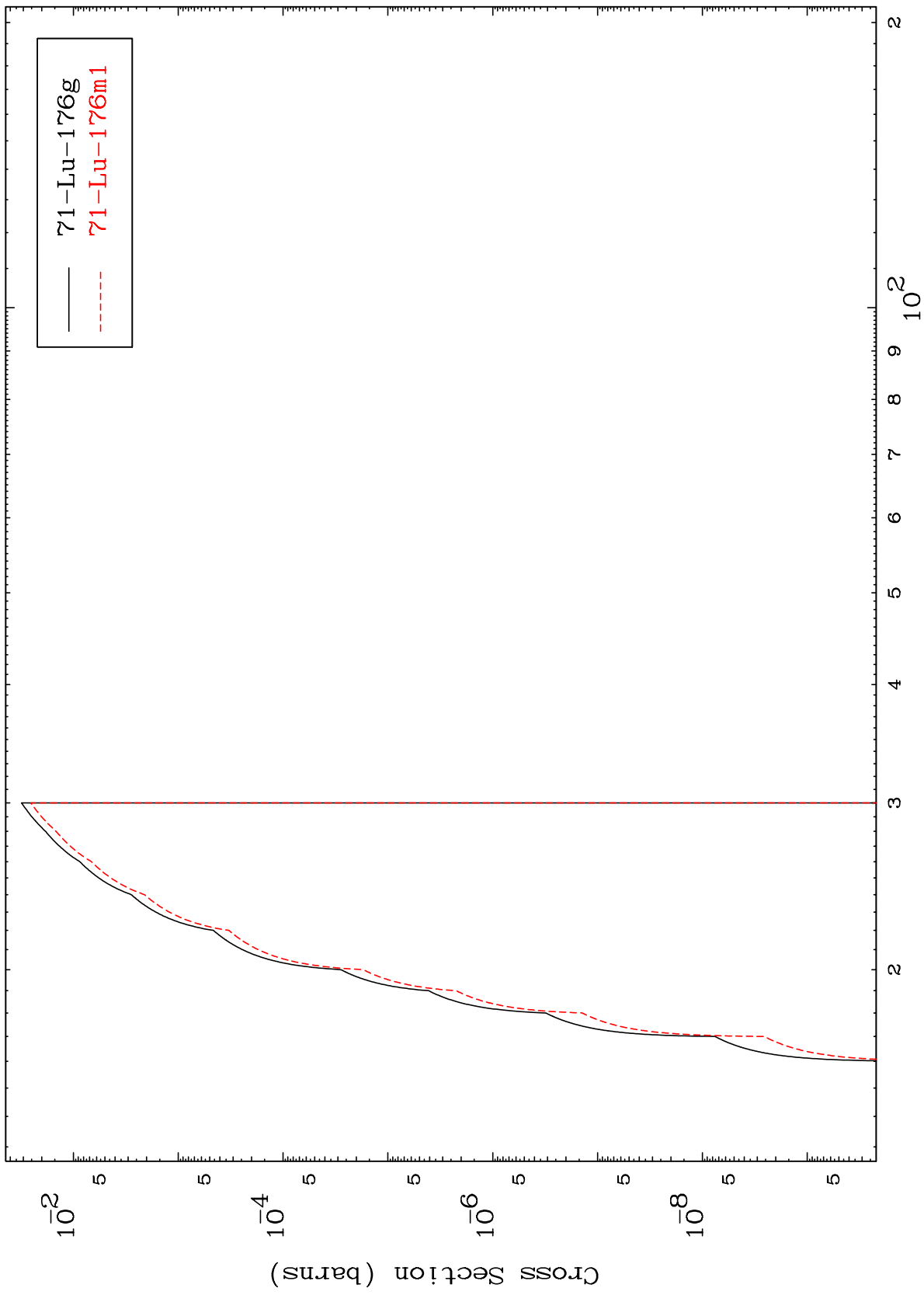


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(n,2n) p

71-Lu-178m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

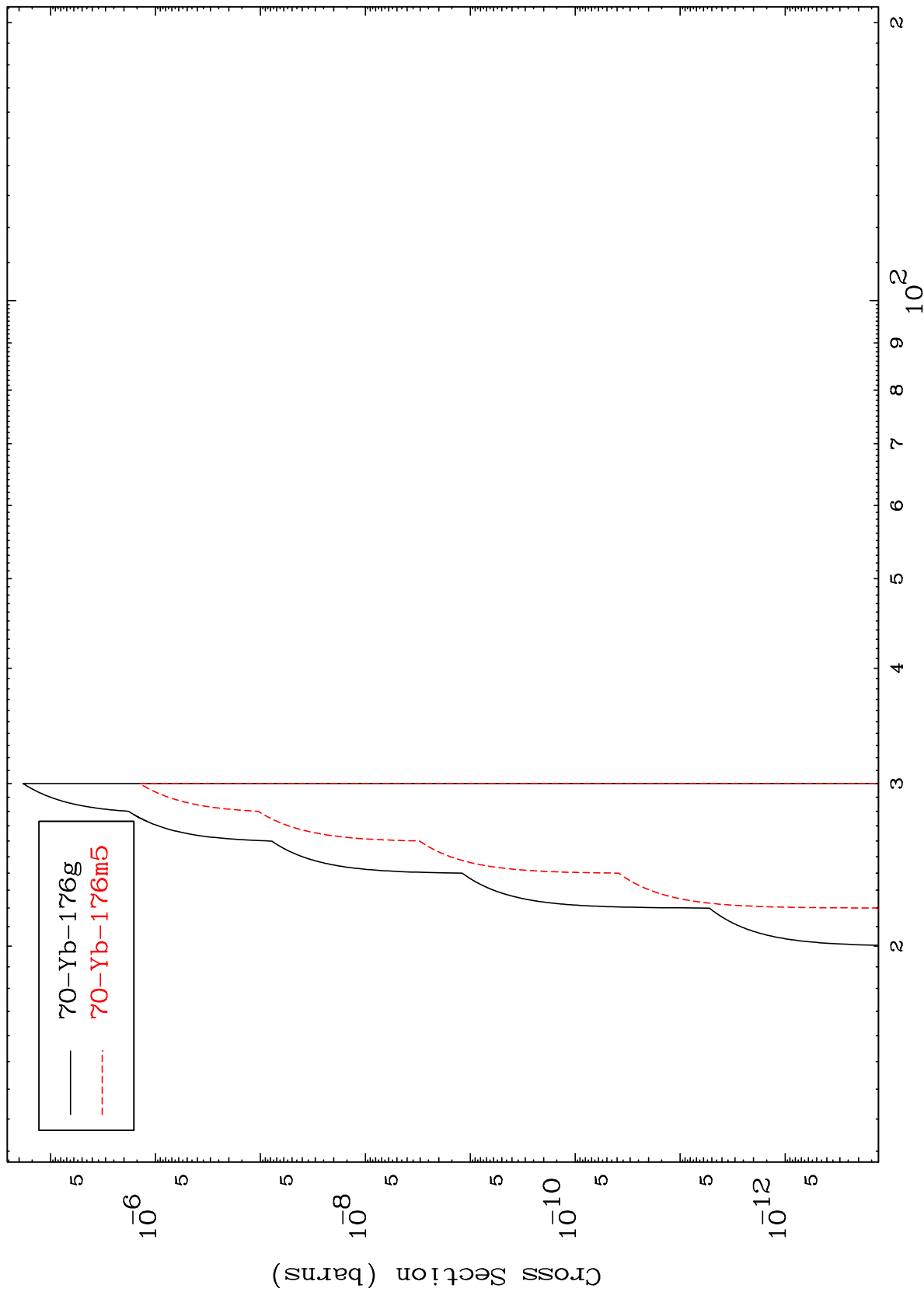
71-Lu-178m

MAT 7135

(n,2n) p

<sup>71</sup>Lu-178m

Radionuclide Production Cross Section



17

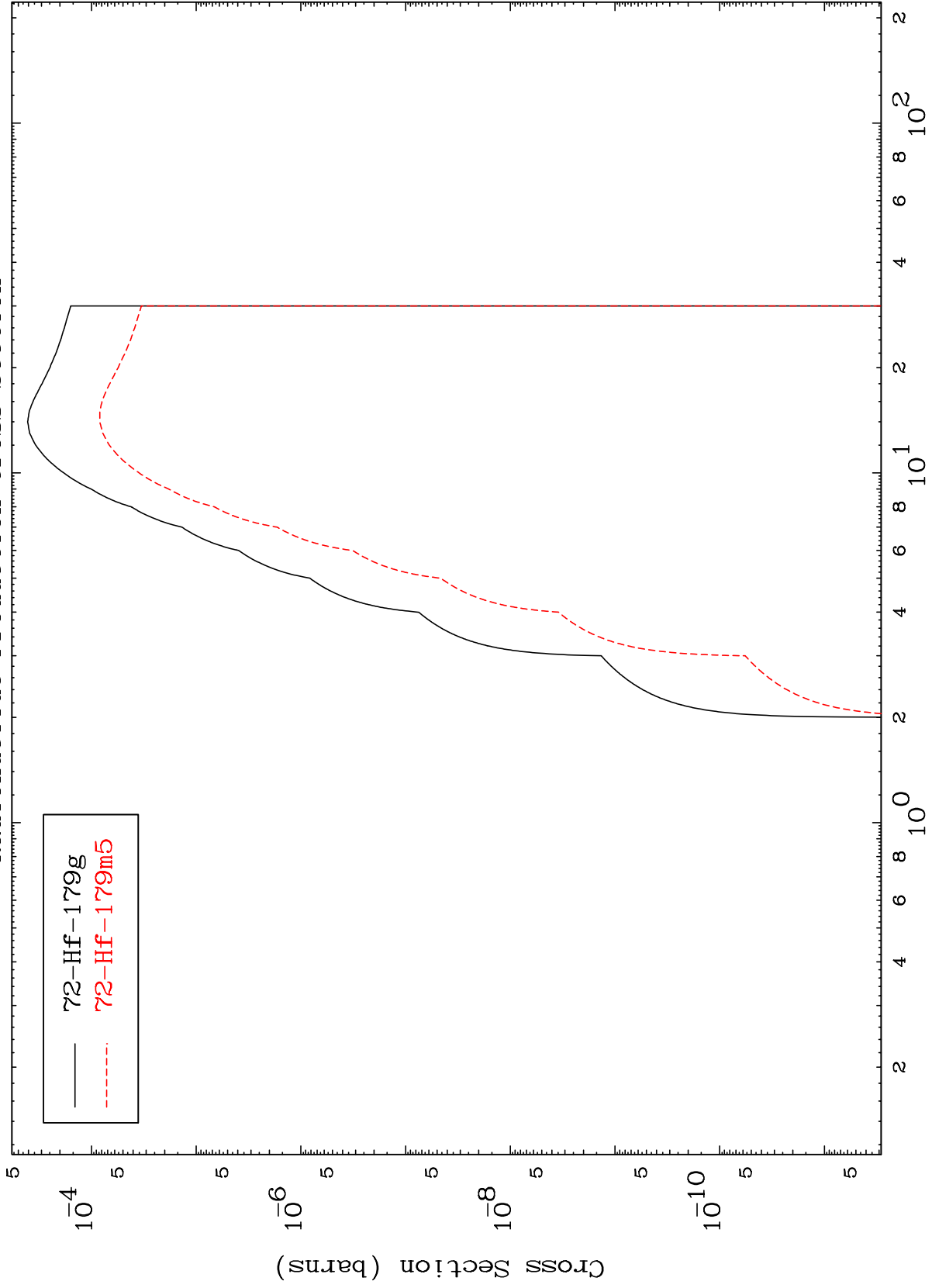
Incident Energy (MeV)

<sup>71</sup>Lu-178m

MAT 7135

71-Lu-178m

(n,  $\gamma$ )  
Radionuclide Production Cross Section



18

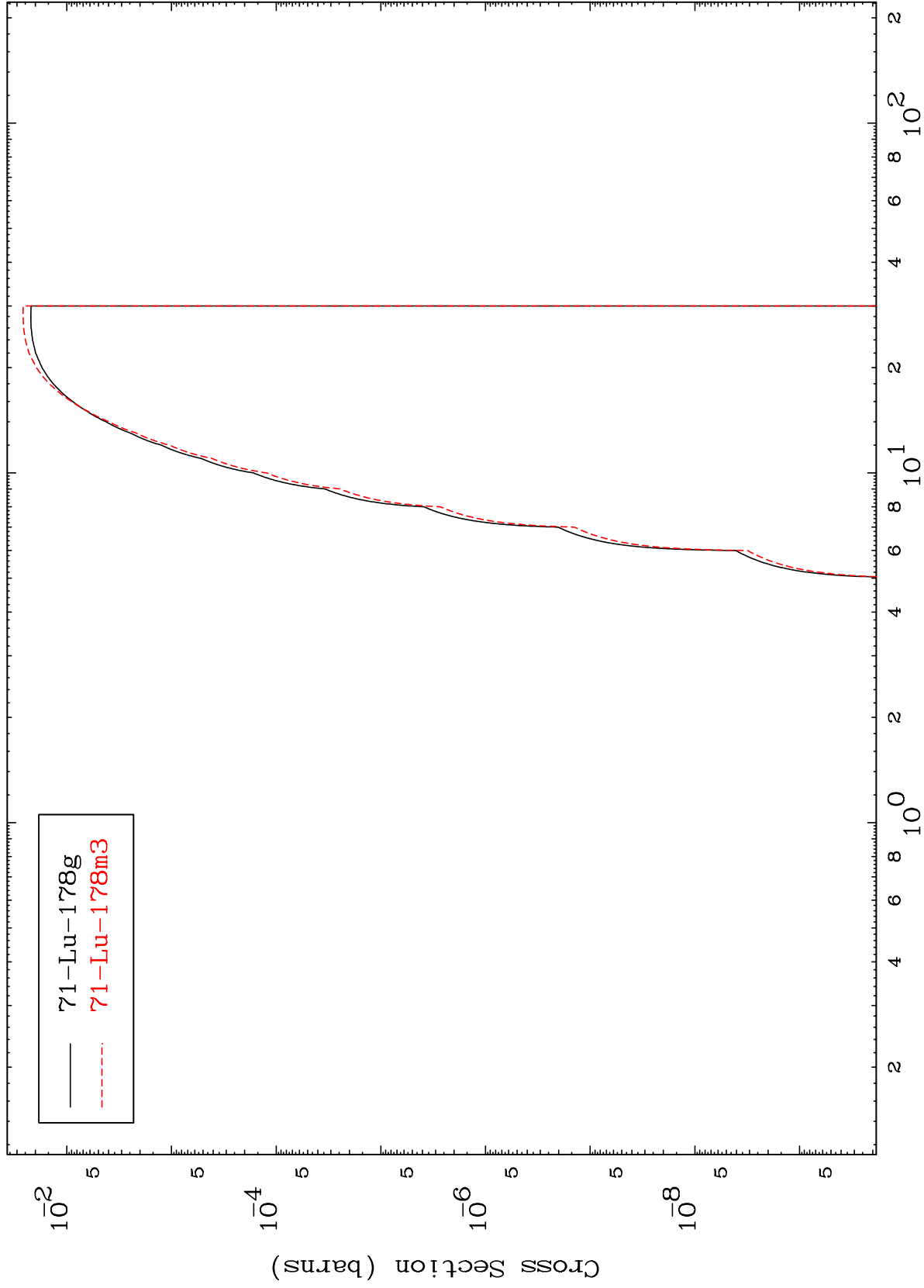
Incident Energy (MeV)

71-Lu-178m

MAT 7135

<sup>71</sup>Lu-178m

Radionuclide Production Cross Section (n,p)

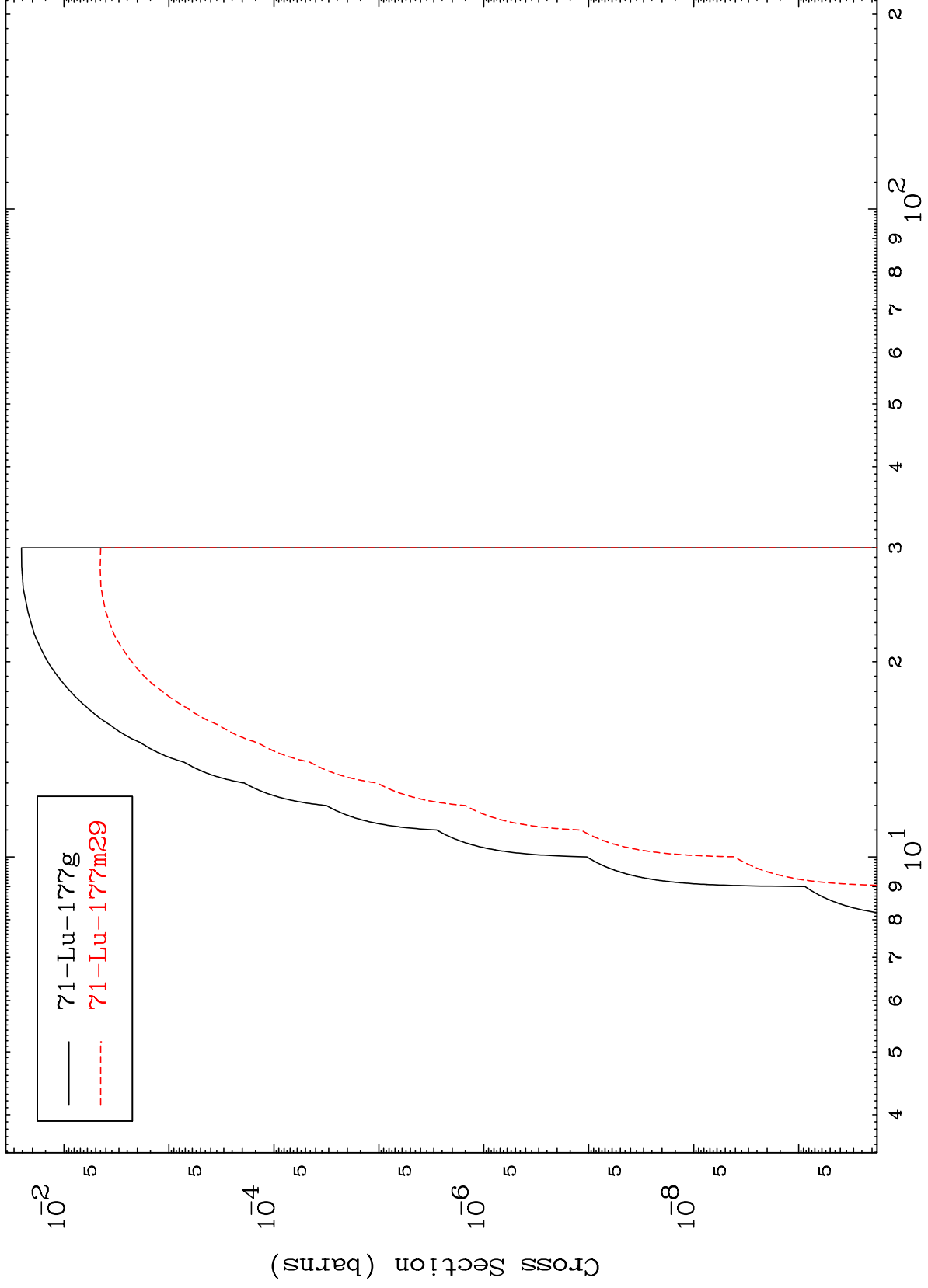


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(n,d)

<sup>71</sup>Lu-178m

Radionuclide Production Cross Section



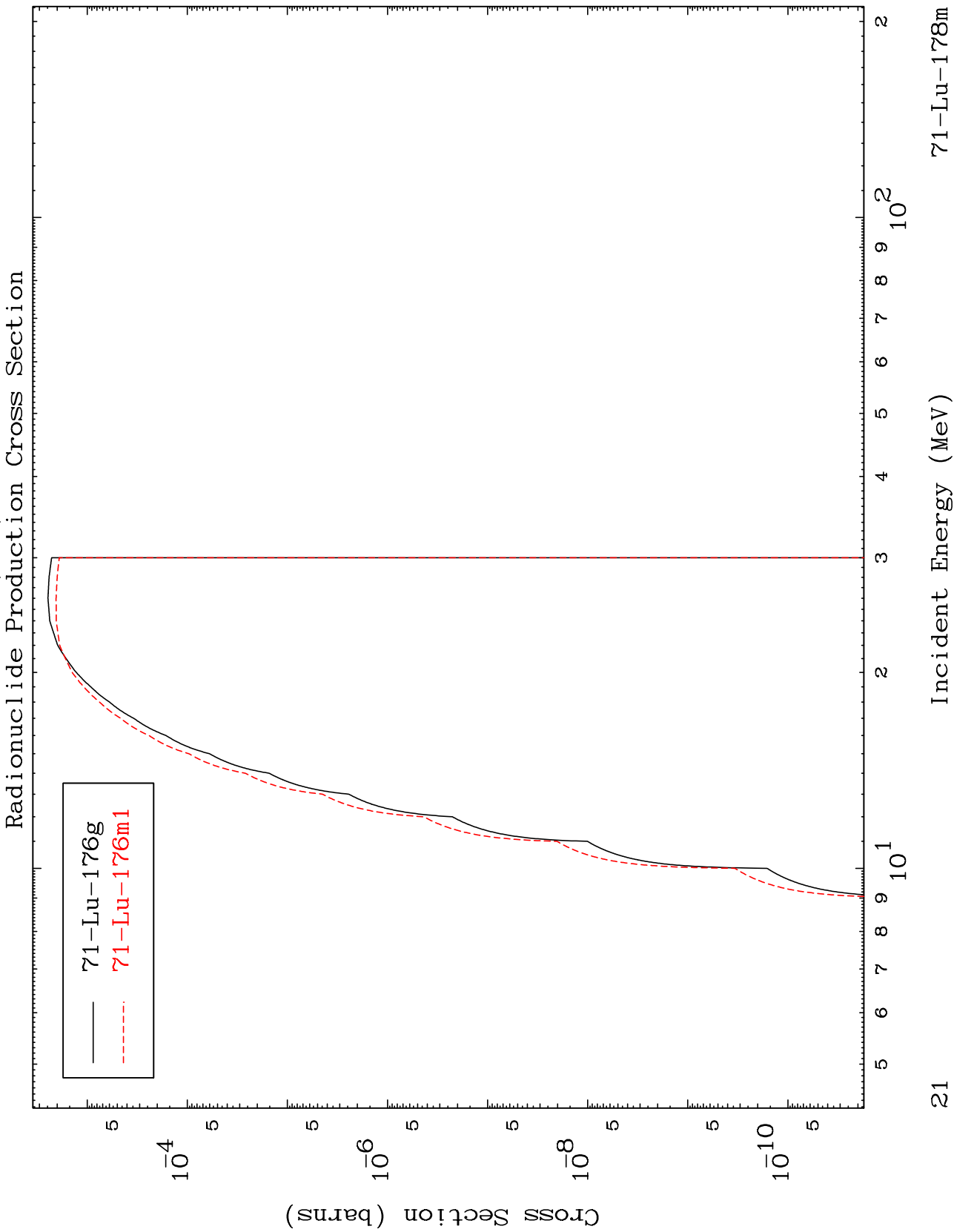
20

Incident Energy (MeV)

<sup>71</sup>Lu-178m

MAT 7135

<sup>71</sup>Lu-178m



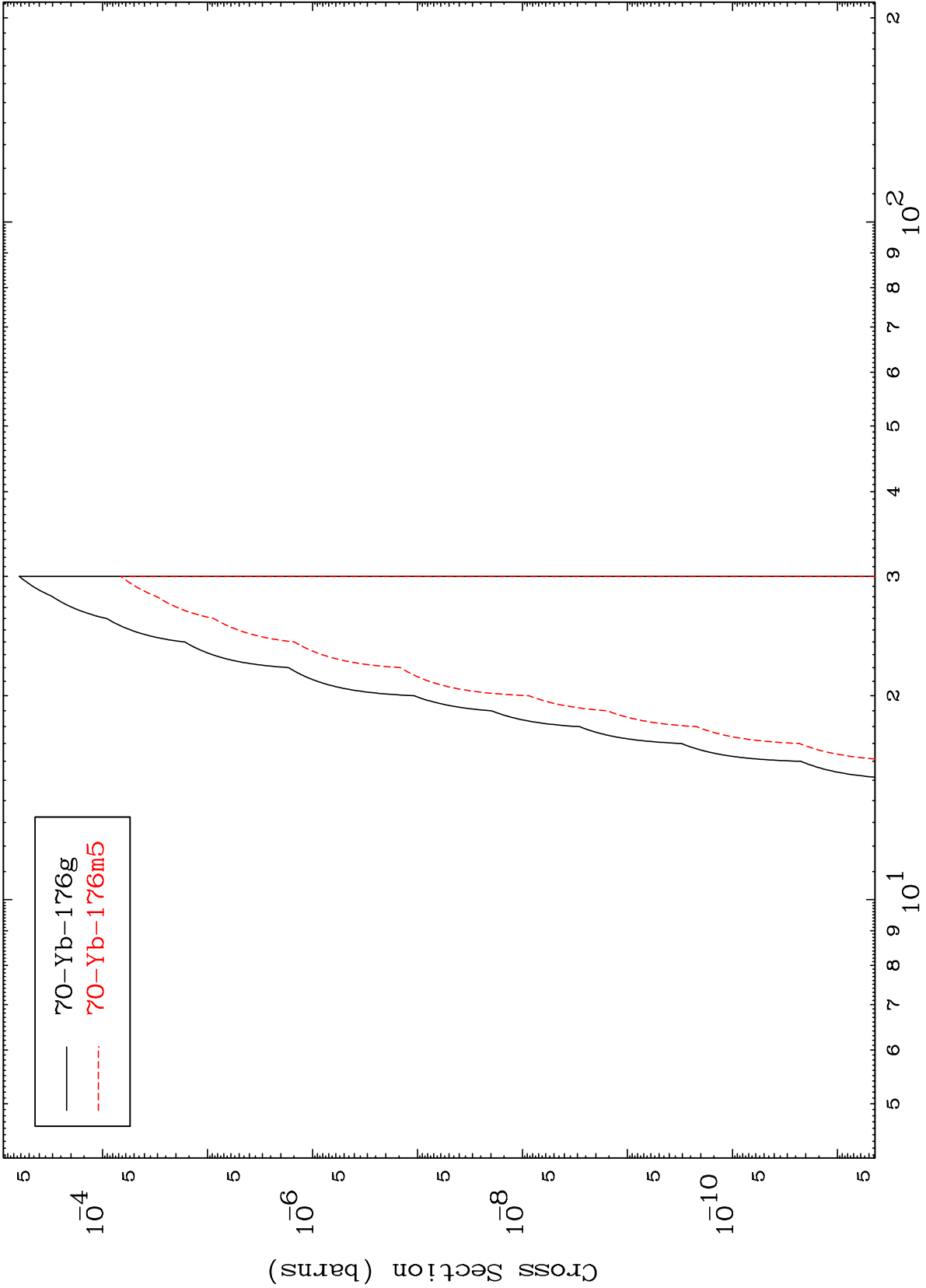
— <sup>71</sup>Lu-176g  
- - - <sup>71</sup>Lu-176m1

MAT 7135

(n,He-3)

71-Lu-178m

Radionuclide Production Cross Section



70-Yb-176g  
70-Yb-176m5

22

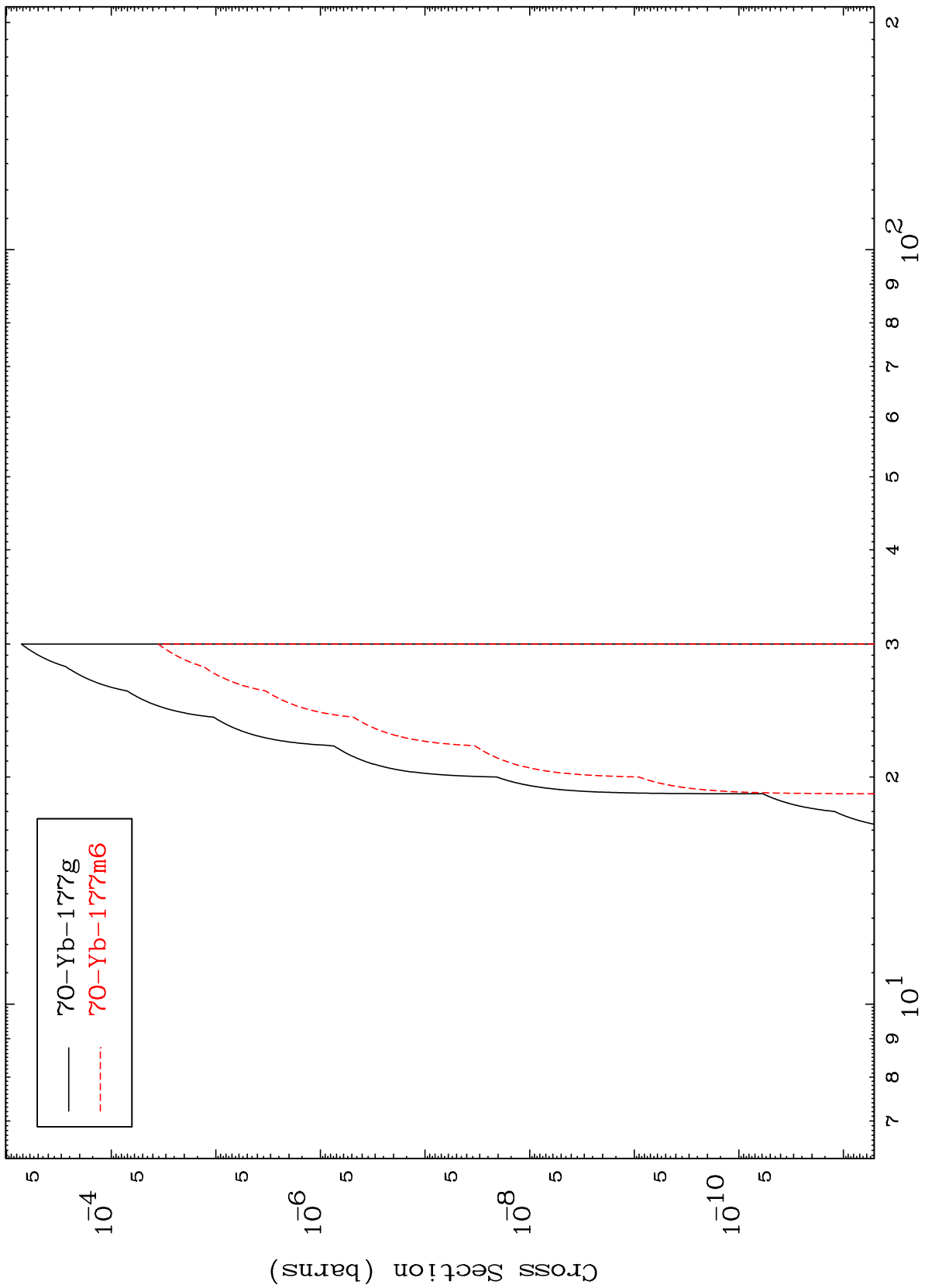
Incident Energy (MeV)

71-Lu-178m

MAT 7135

71-Lu-178m

Radionuclide Production Cross Section



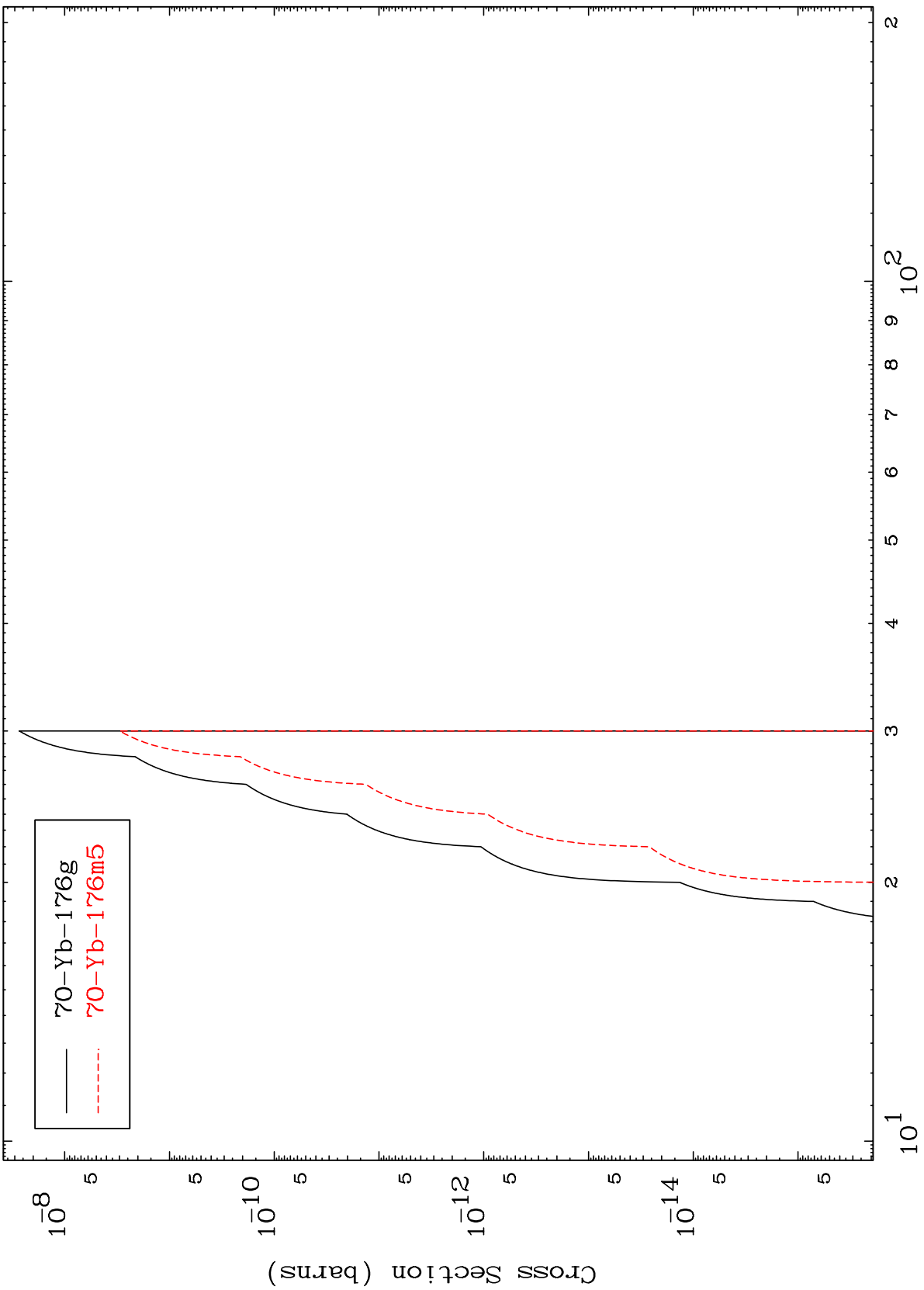


MAT 7135

(n,p) d

71-Lu-178m

Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-178m

24