

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

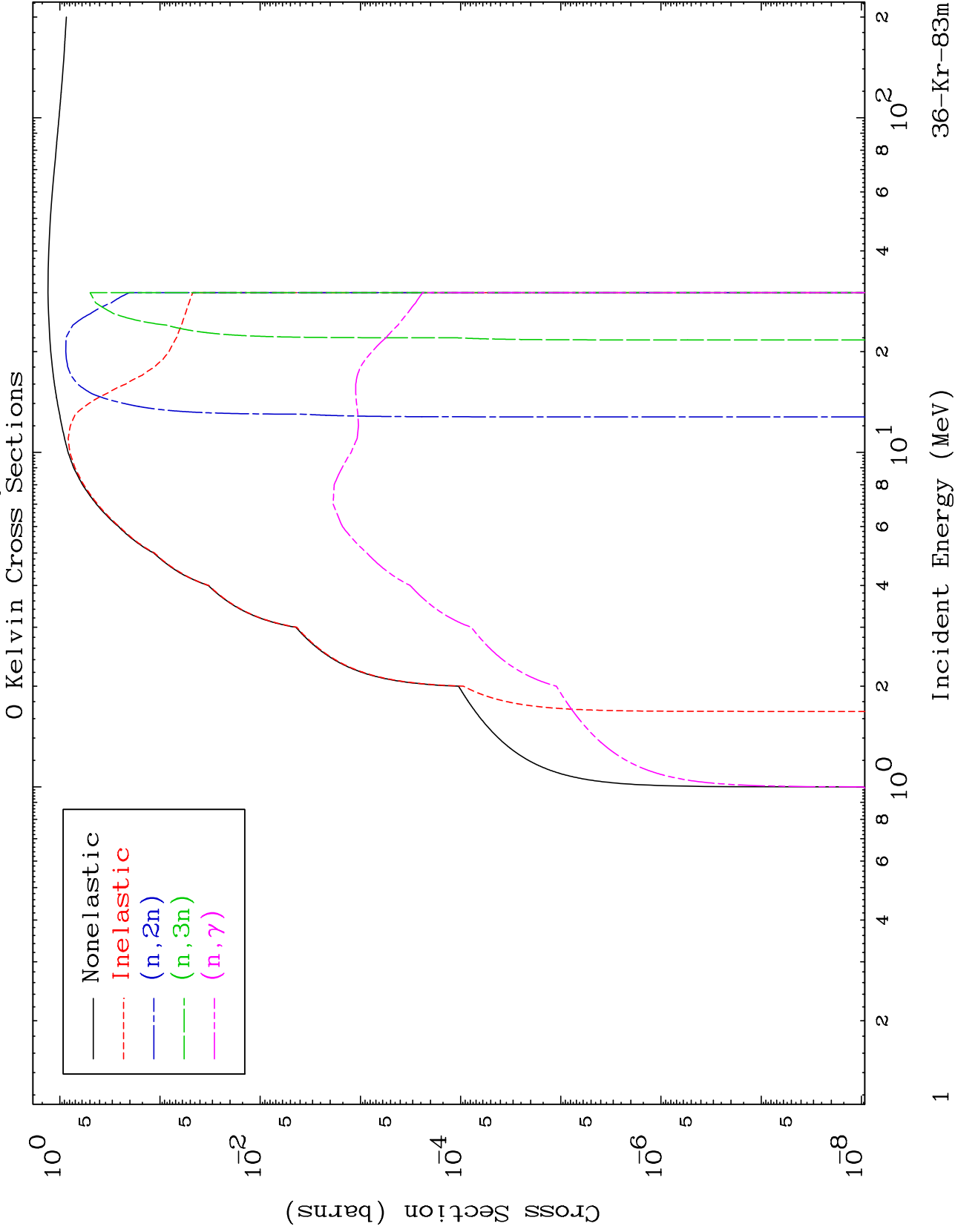
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3641

Proton Major

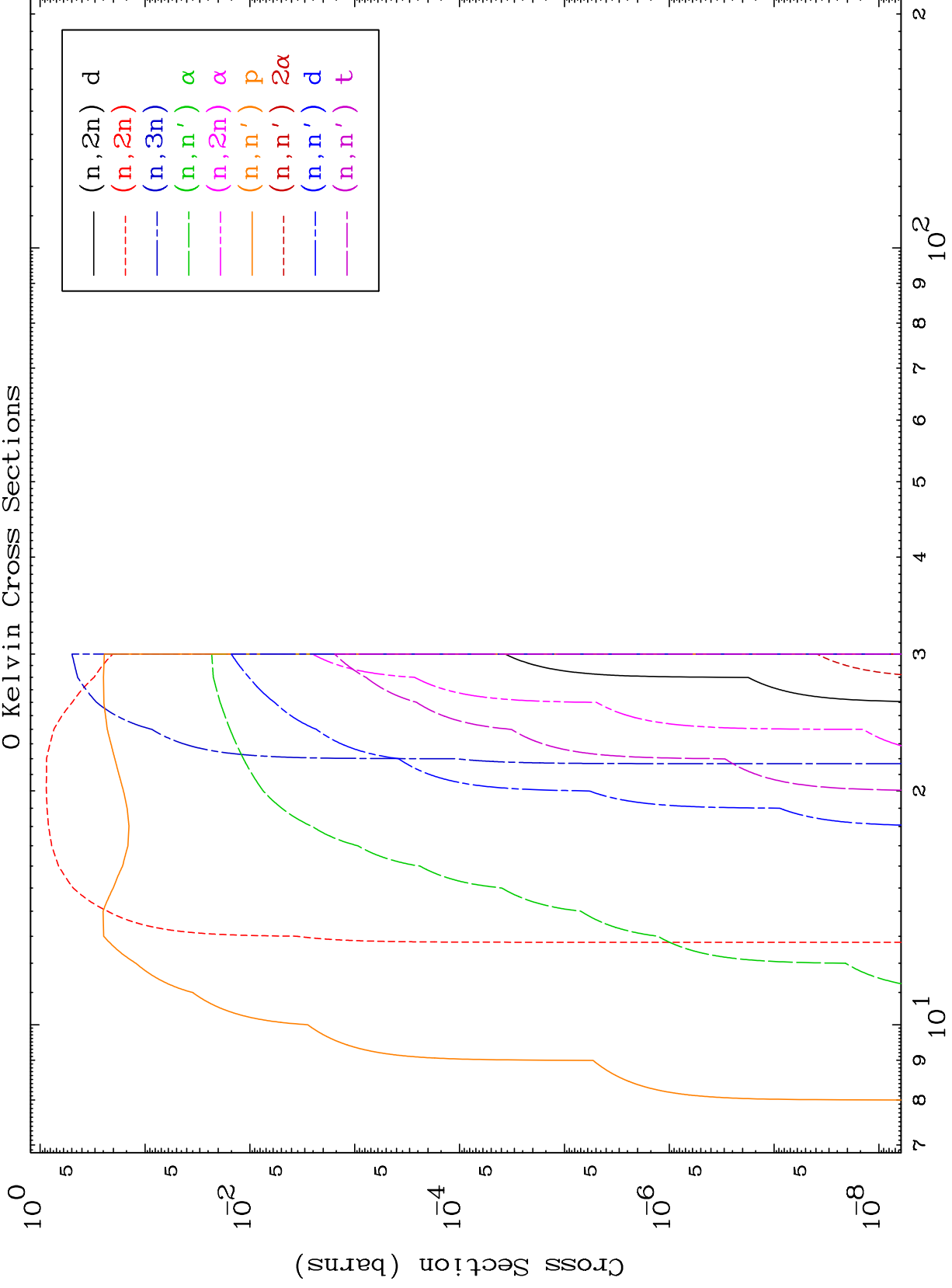
36-Kr-83m



MAT 3641

Proton Neutron Absorption  
0 Kelvin Cross Sections

36-Kr-83m



2

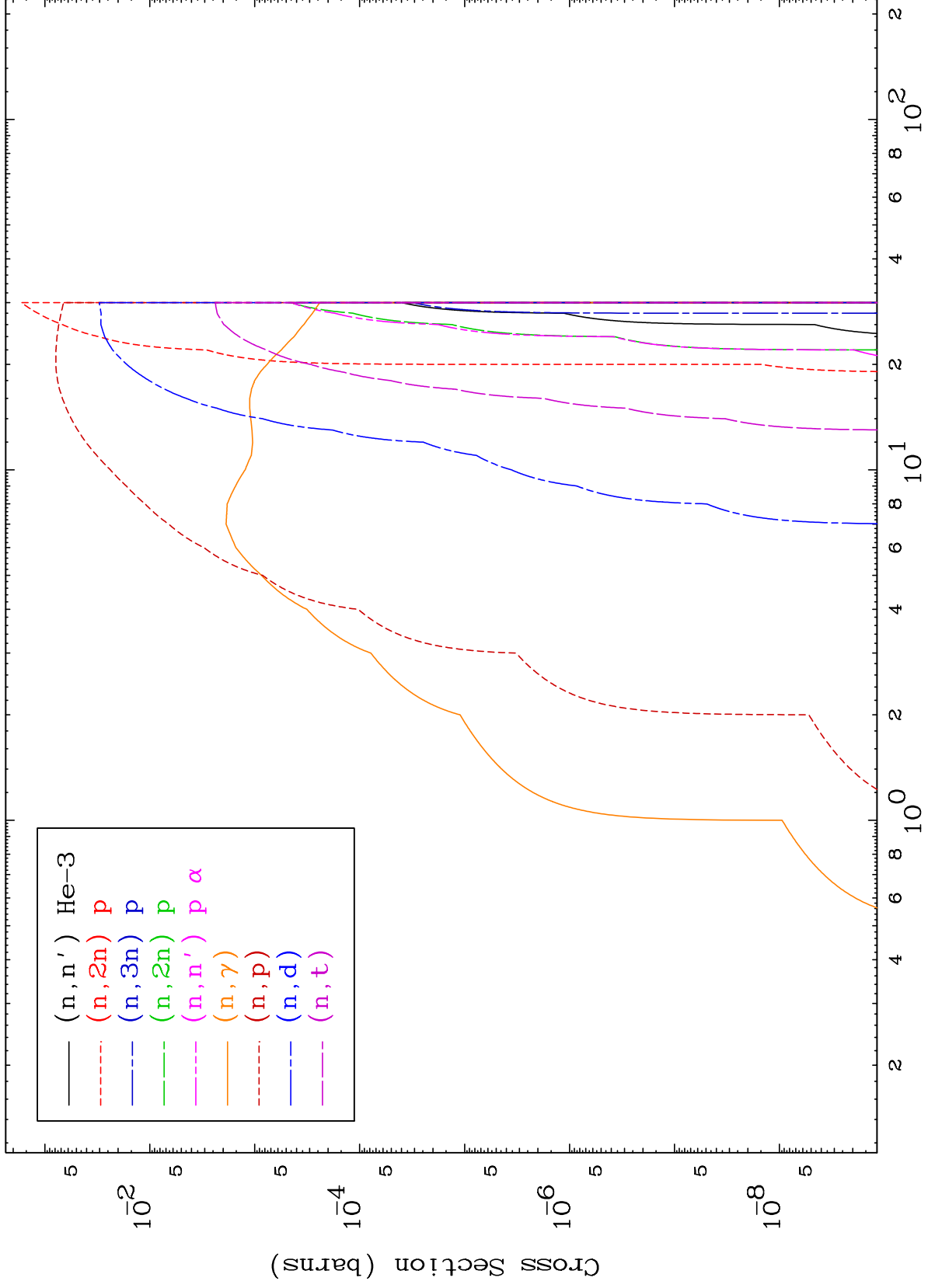
Incident Energy (MeV)

36-Kr-83m

MAT 3641

Proton Neutron Absorption  
0 Kelvin Cross Sections

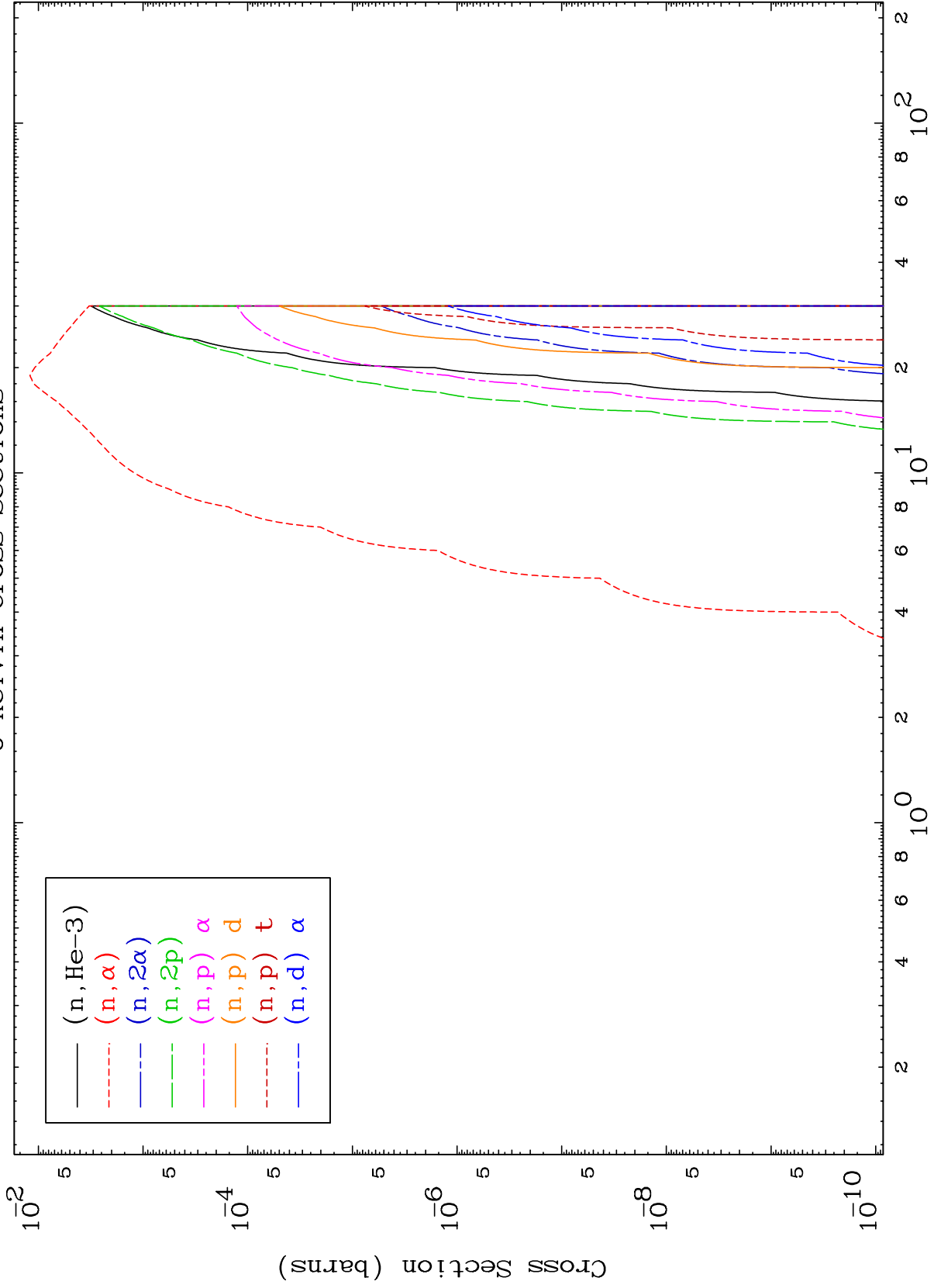
<sup>36</sup>Kr-83m



MAT 3641

Proton Neutron Absorption  
0 Kelvin Cross Sections

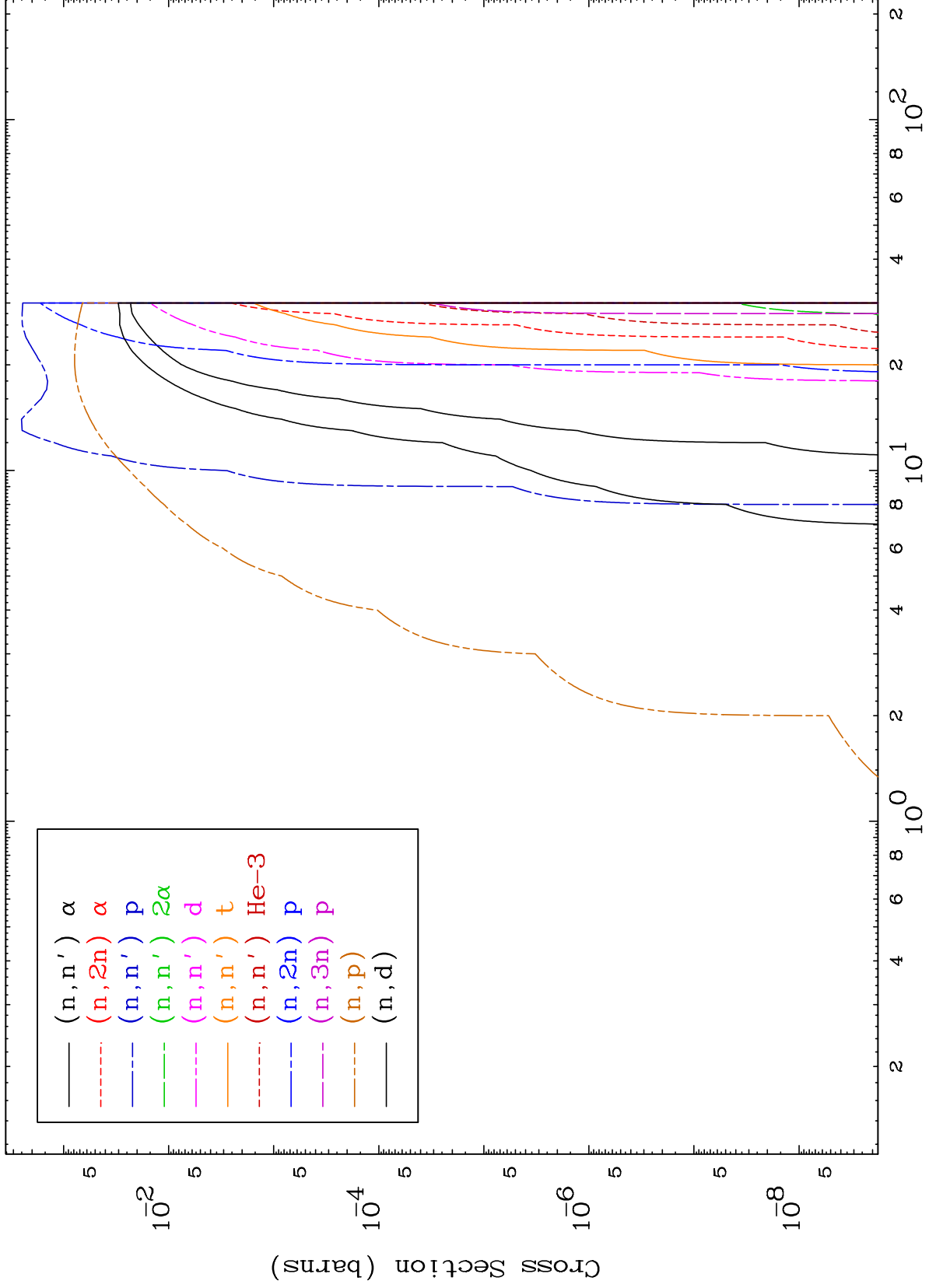
36-Kr-83m



MAT 3641

Proton Charged Particle  
0 Kelvin Cross Sections

<sup>36</sup>Kr-83m



5

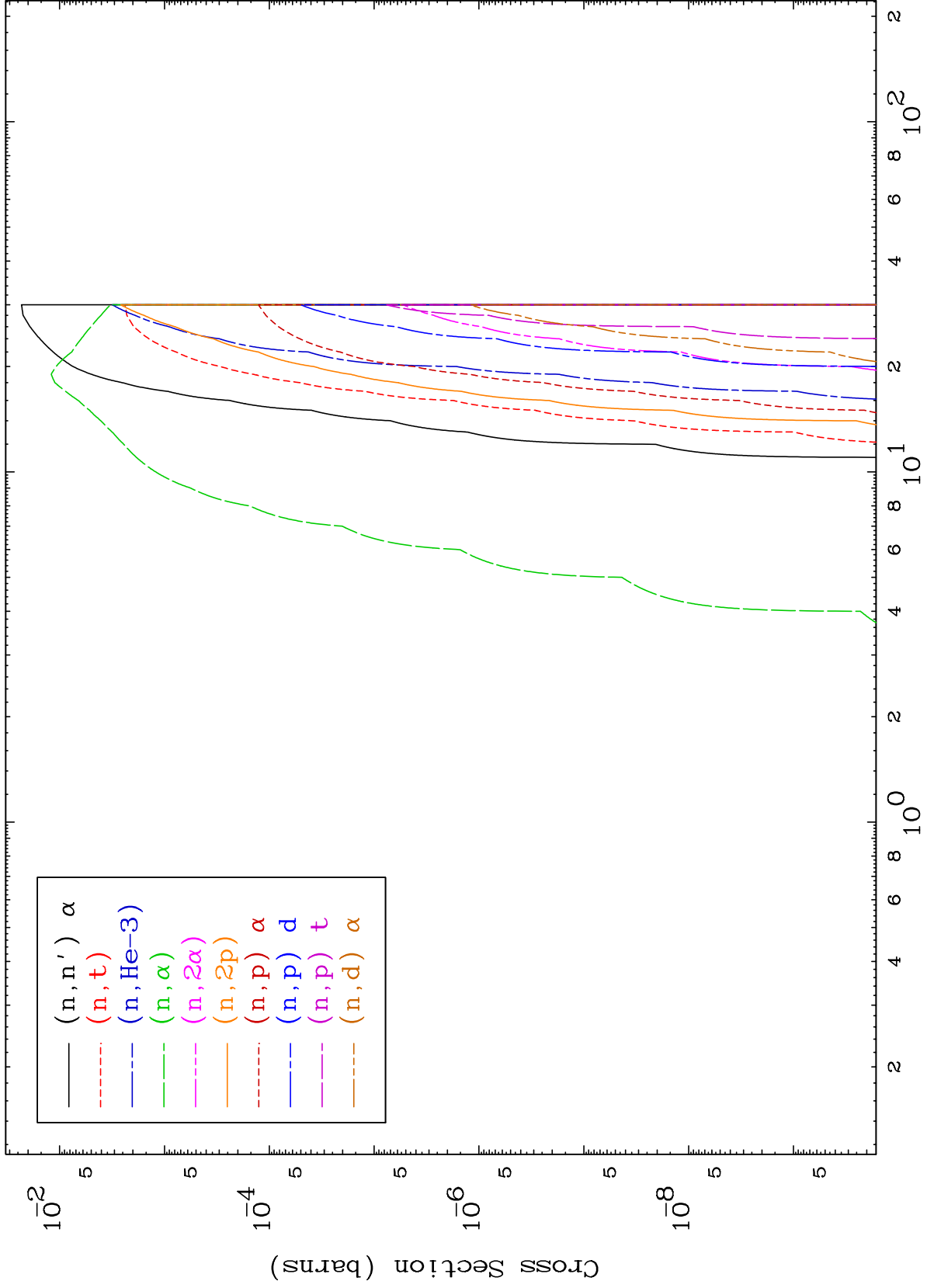
Incident Energy (MeV)

<sup>36</sup>Kr-83m

MAT 3641

Proton Charged Particle  
0 Kelvin Cross Sections

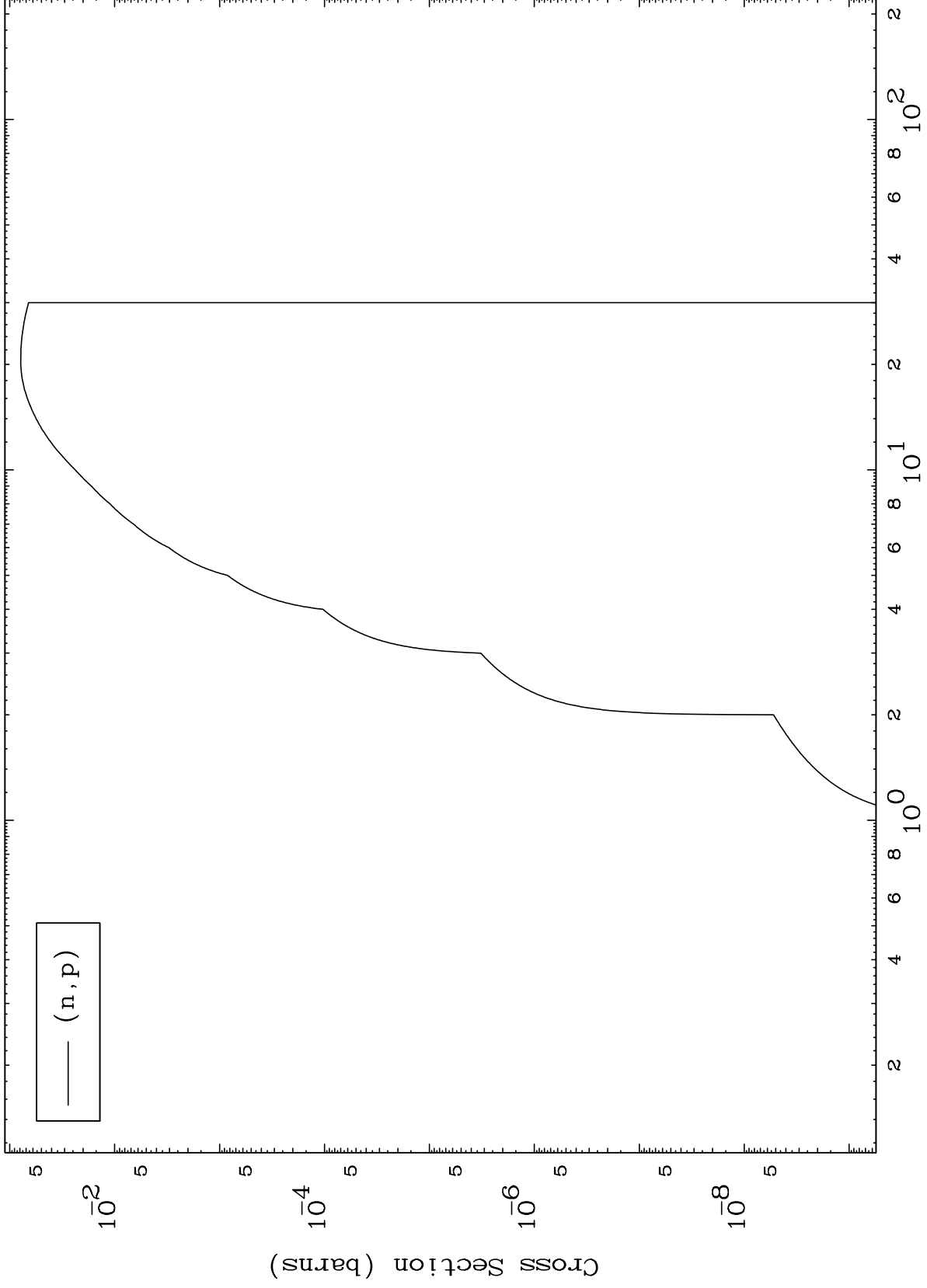
36-Kr-83m



MAT 3641

(p,p) Levels  
0 Kelvin Cross Sections

36-Kr-83m

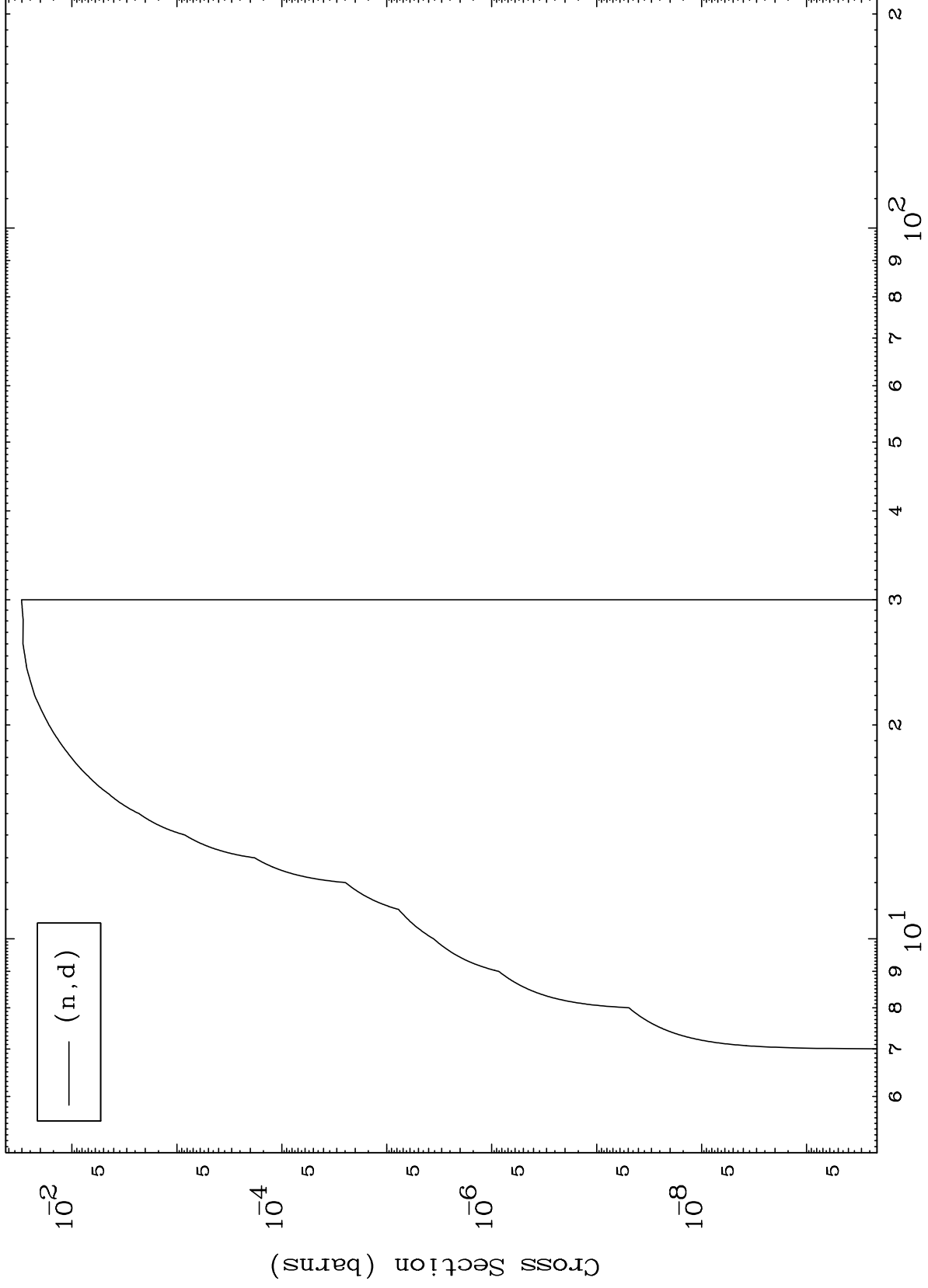




MAT 3641

(p,d) Levels  
0 Kelvin Cross Sections

36-Kr-83m



8

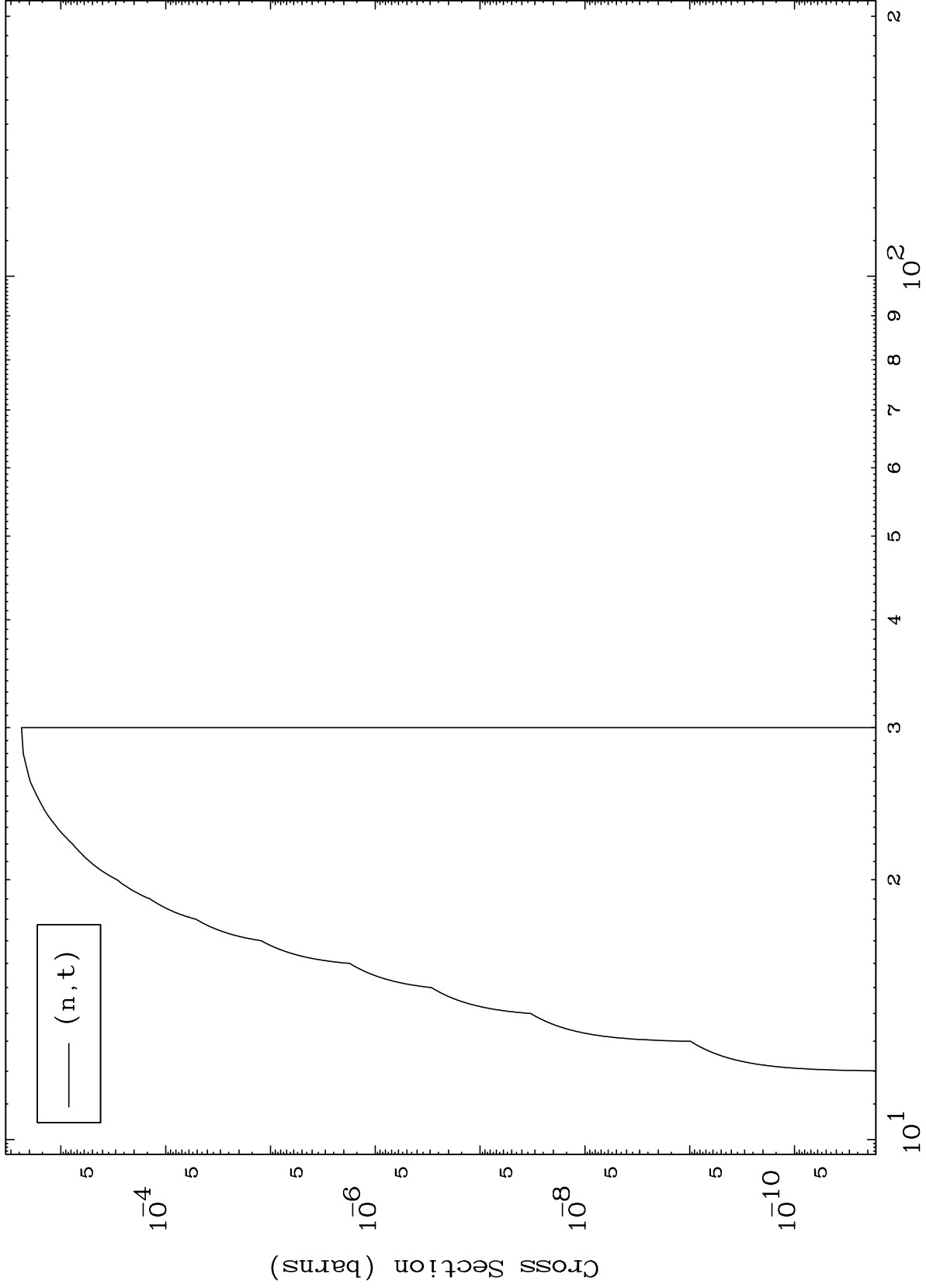
Incident Energy (MeV)

36-Kr-83m

MAT 3641

(p,t) Levels  
0 Kelvin Cross Sections

<sup>36</sup>Kr-83m



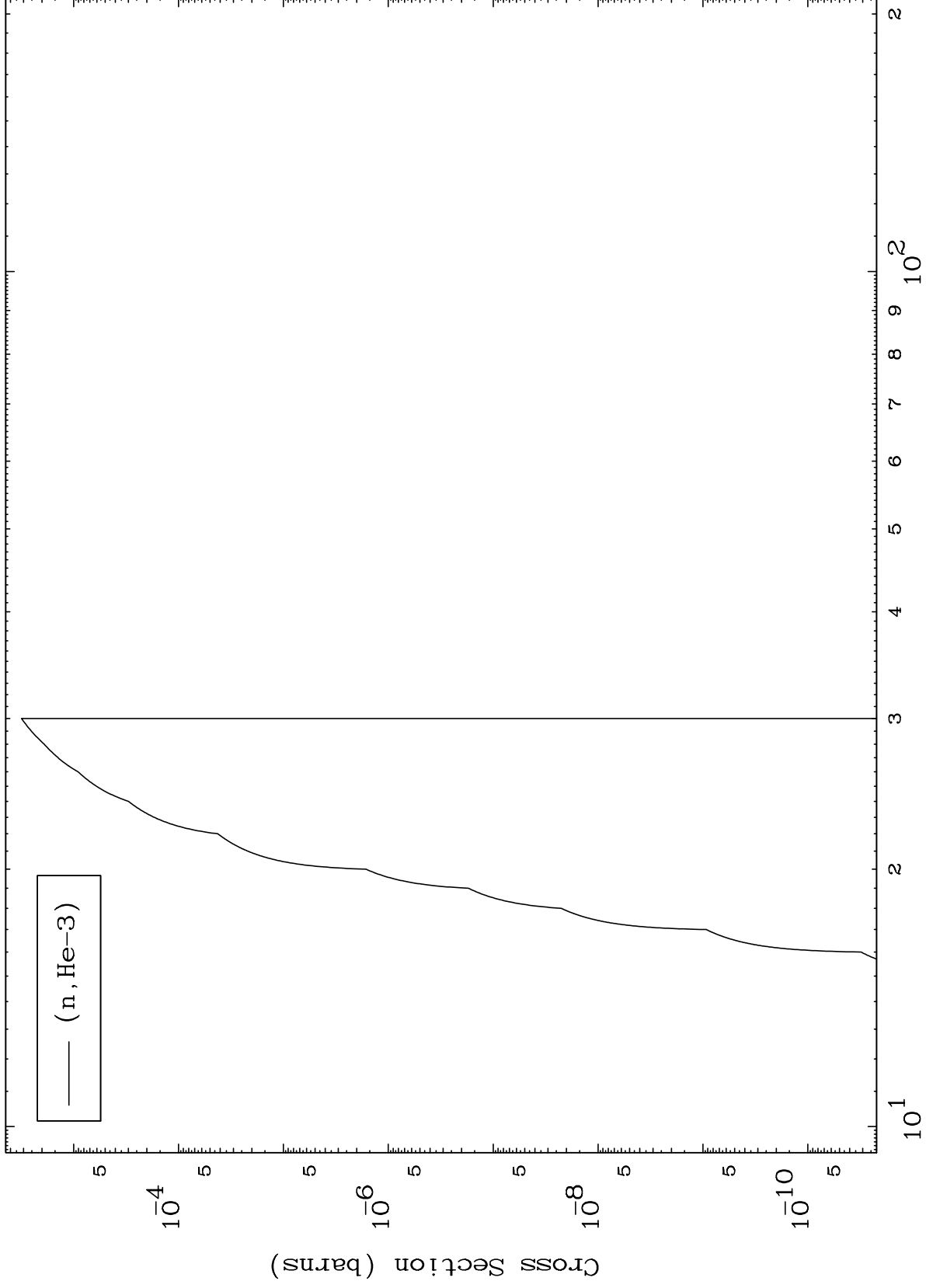
Incident Energy (MeV)

<sup>36</sup>Kr-83m

MAT 3641

(p,He3) Levels  
0 Kelvin Cross Sections

36-Kr-83m



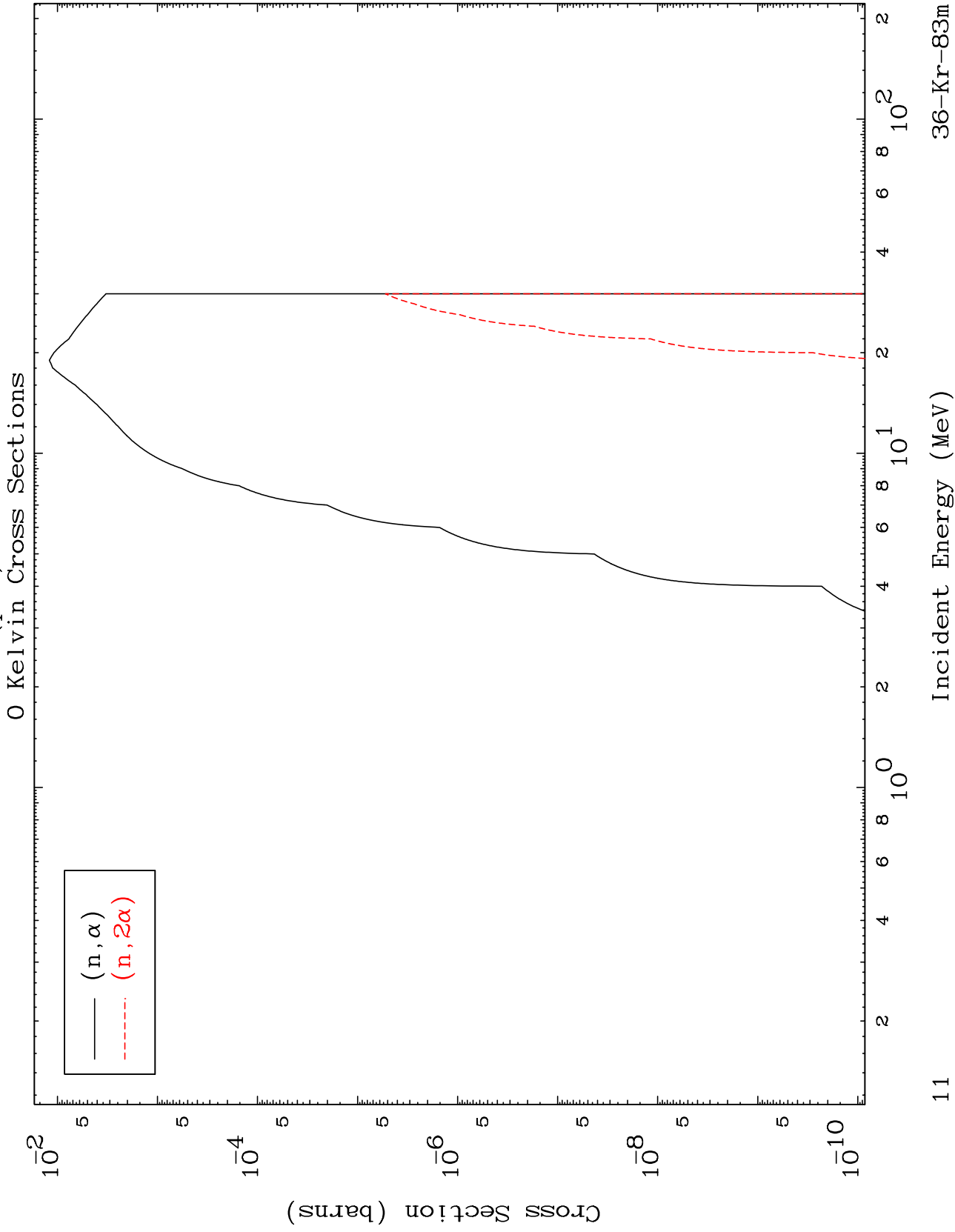
Incident Energy (MeV)

36-Kr-83m

MAT 3641

(p,  $\alpha$ ) Levels

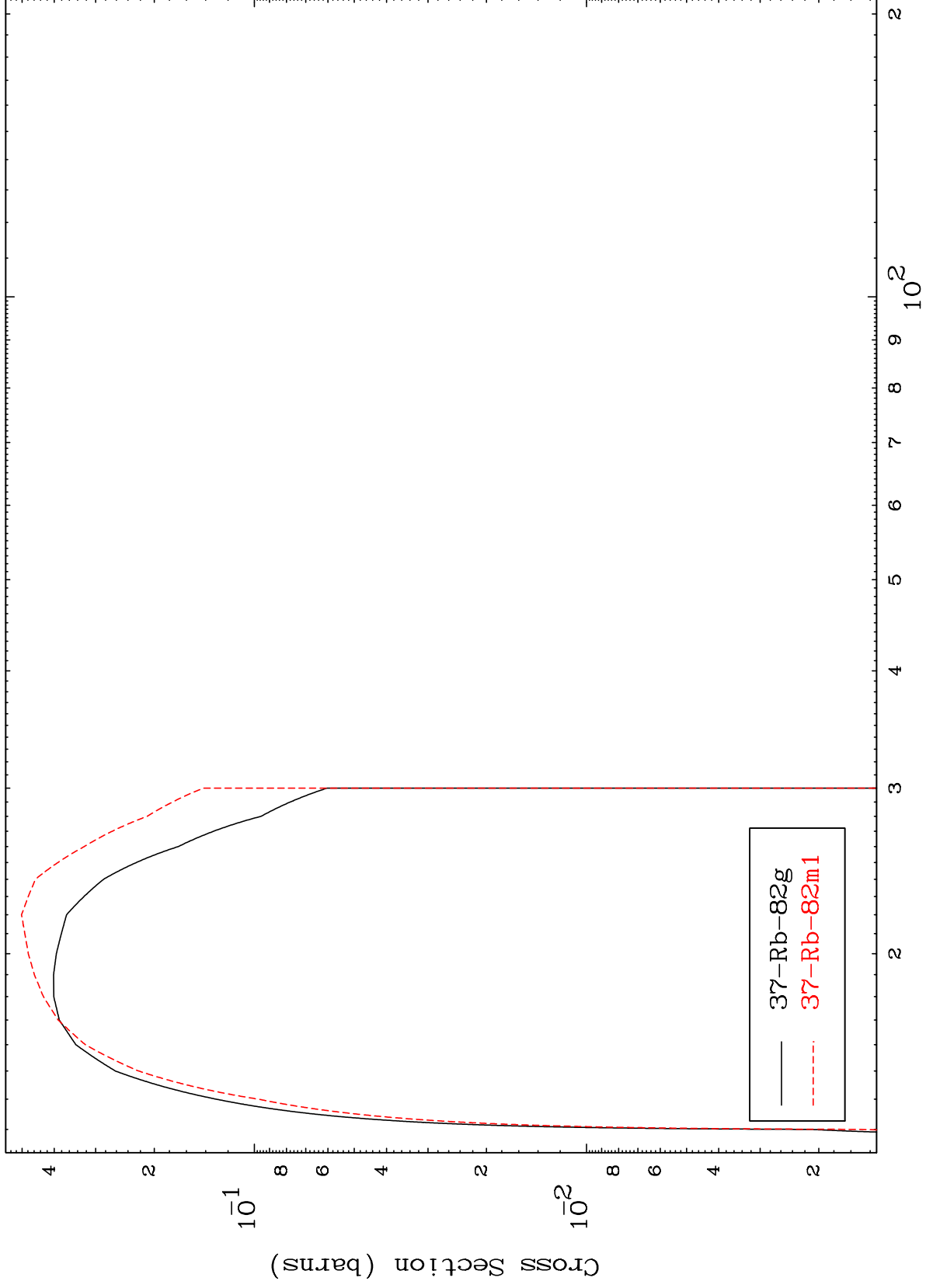
36-Kr-83m



MAT 3641

36-Kr-83m

(n,2n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

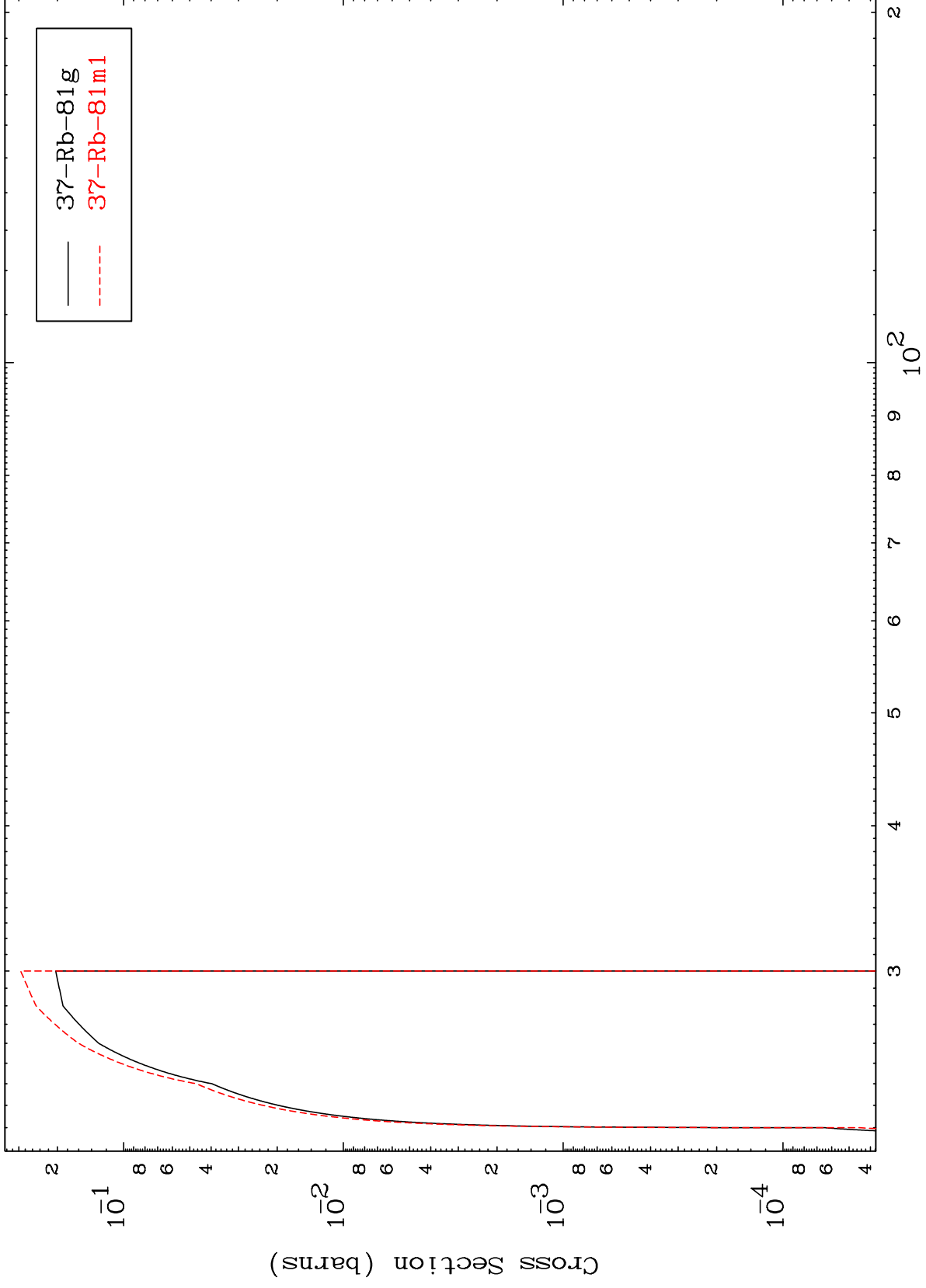
36-Kr-83m

MAT 3641

(n,3n)

36-Kr-83m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

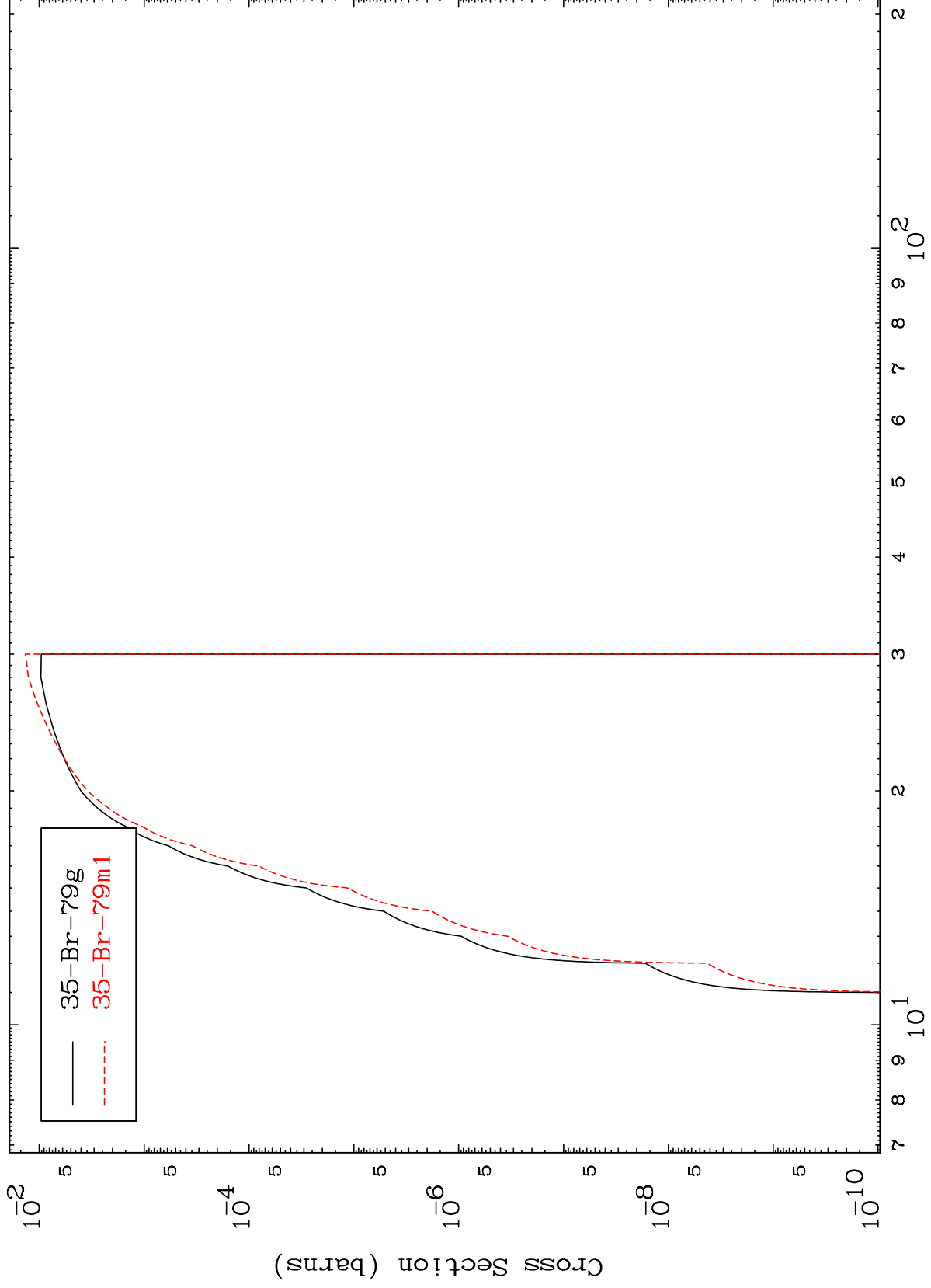
36-Kr-83m

MAT 3641

$(n, n') \alpha$

$^{36}\text{Kr-83m}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

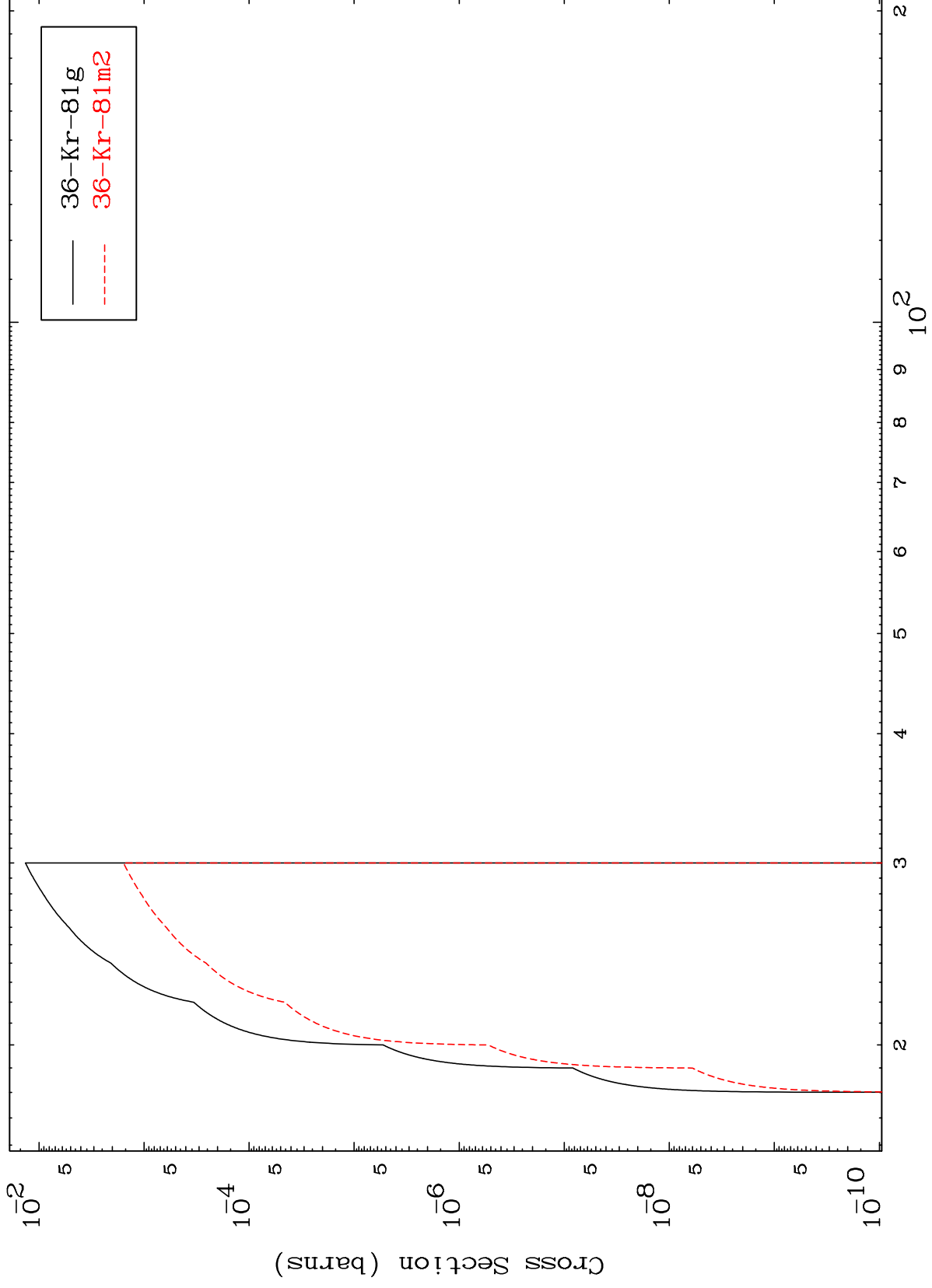
$^{36}\text{Kr-83m}$

MAT 3641

(n,n') d

36-Kr-83m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

36-Kr-83m

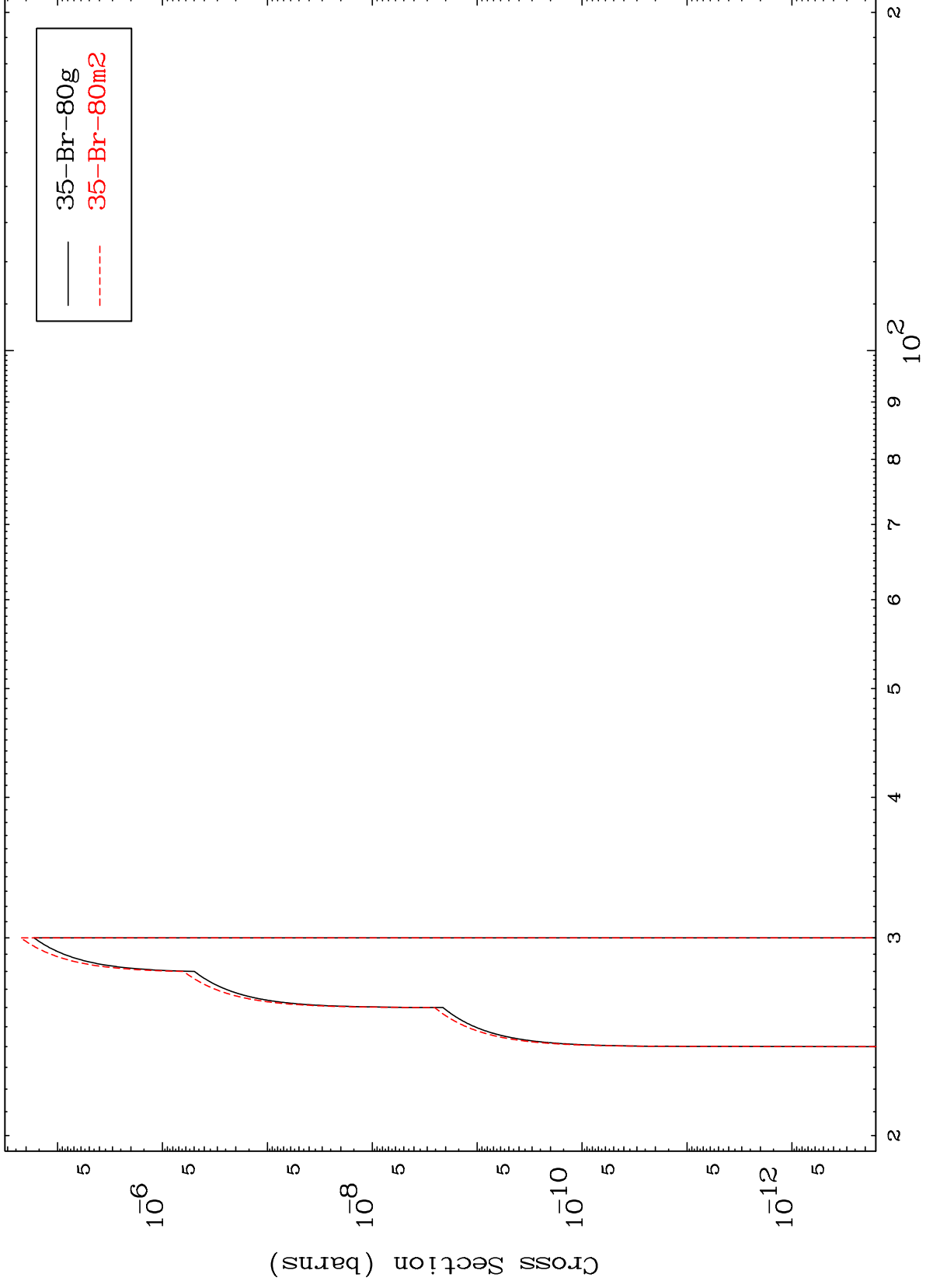


MAT 3641

(n,n') He-3

36-Kr-83m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

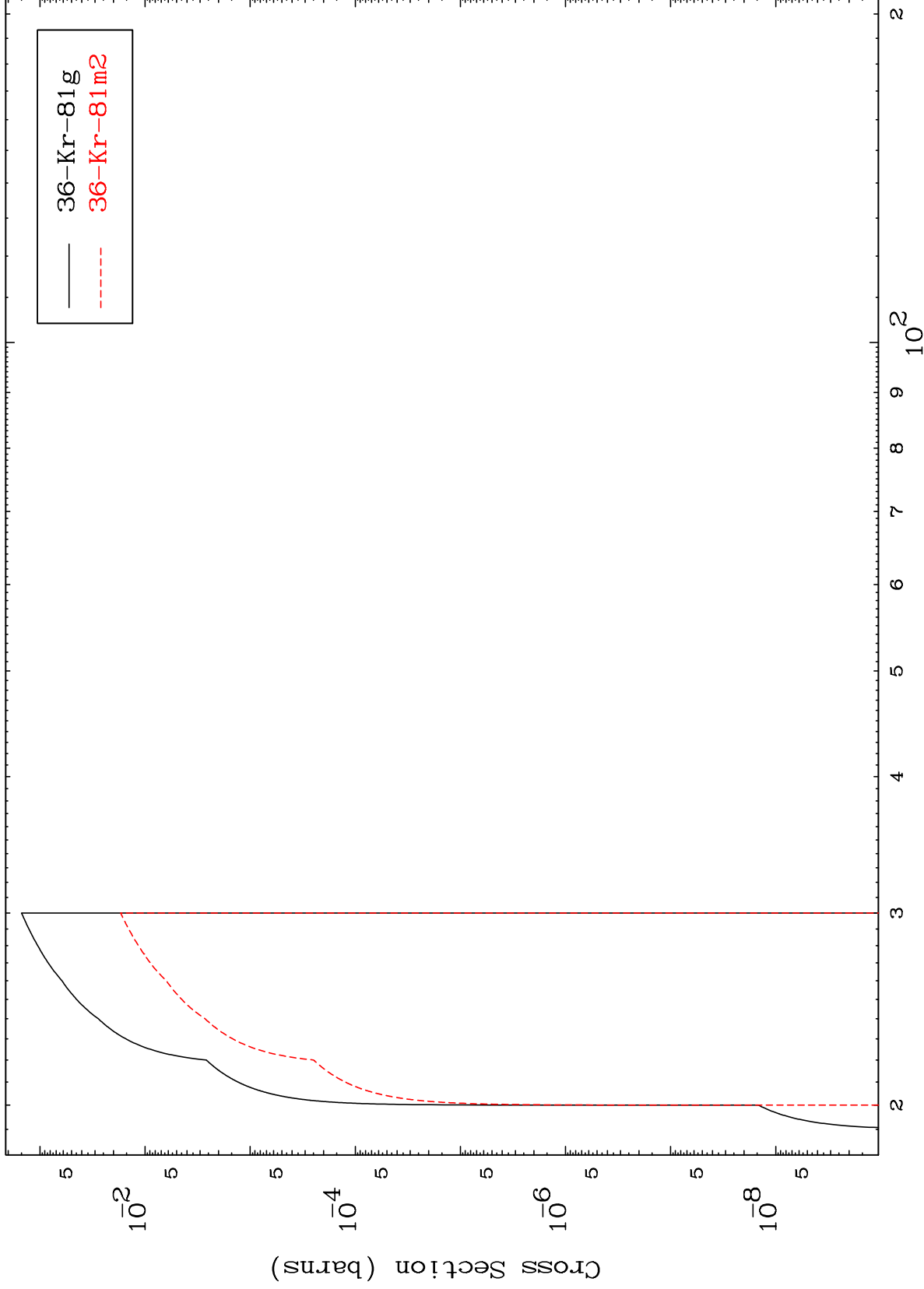
36-Kr-83m

MAT 3641

(n,2n) p

36-Kr-83m

Radionuclide Production Cross Section



17

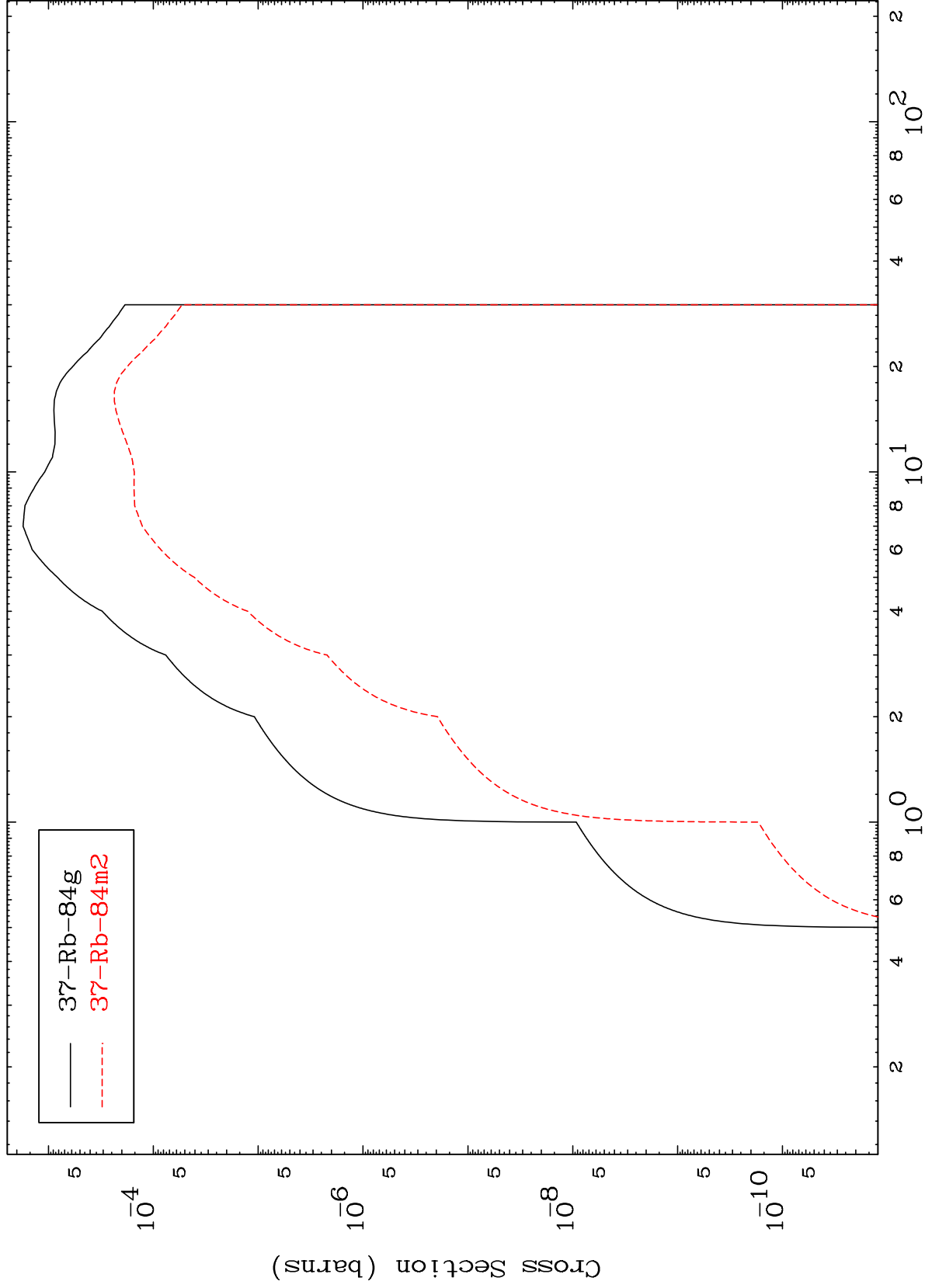
Incident Energy (MeV)

36-Kr-83m

MAT 3641

<sup>36</sup>Kr-83m

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



18

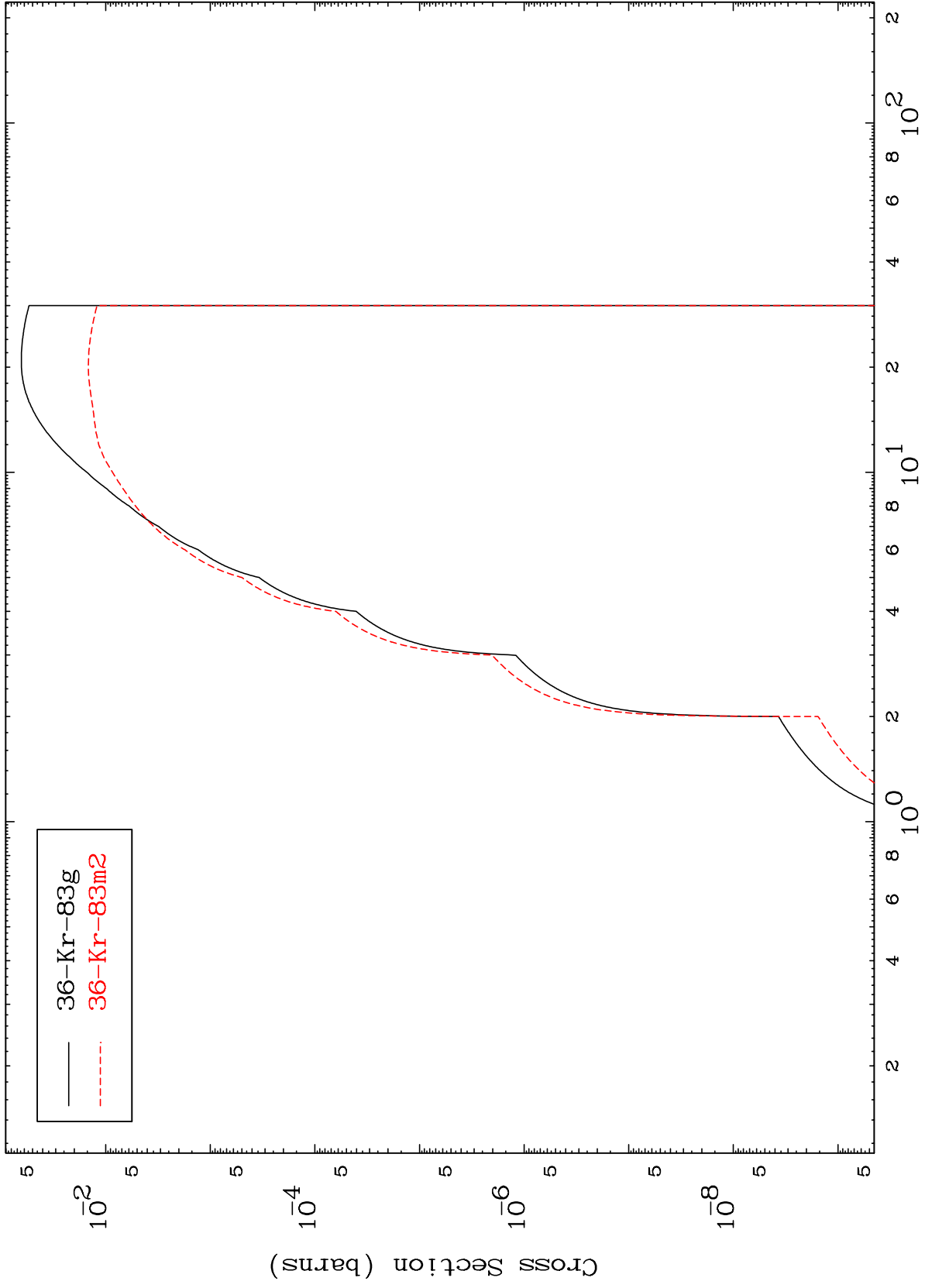
Incident Energy (MeV)

<sup>36</sup>Kr-83m

MAT 3641

<sup>36</sup>Kr-83m

(n,p)  
Radionuclide Production Cross Section

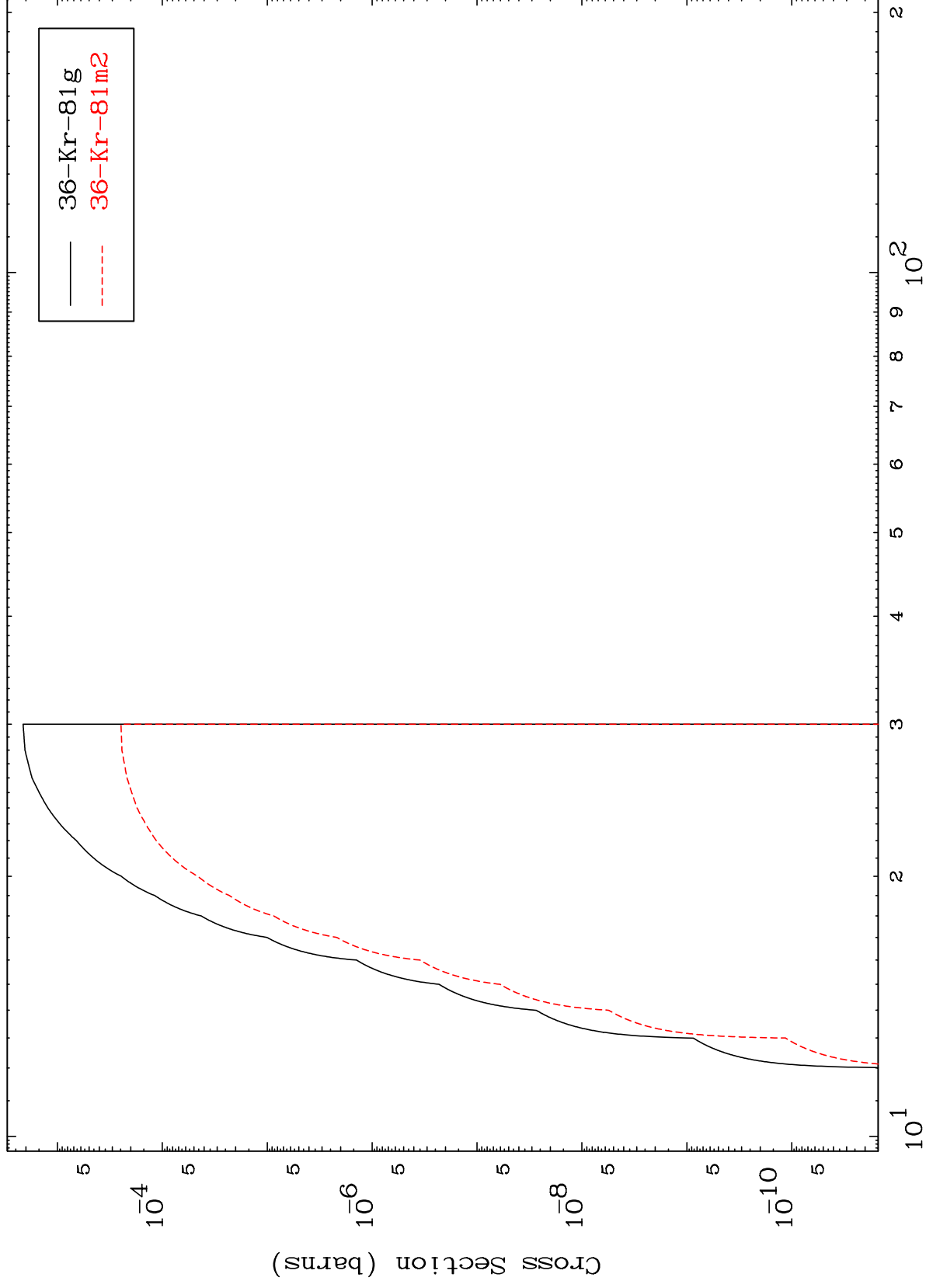


MAT 3641

(n, t)

36-Kr-83m

Radionuclide Production Cross Section



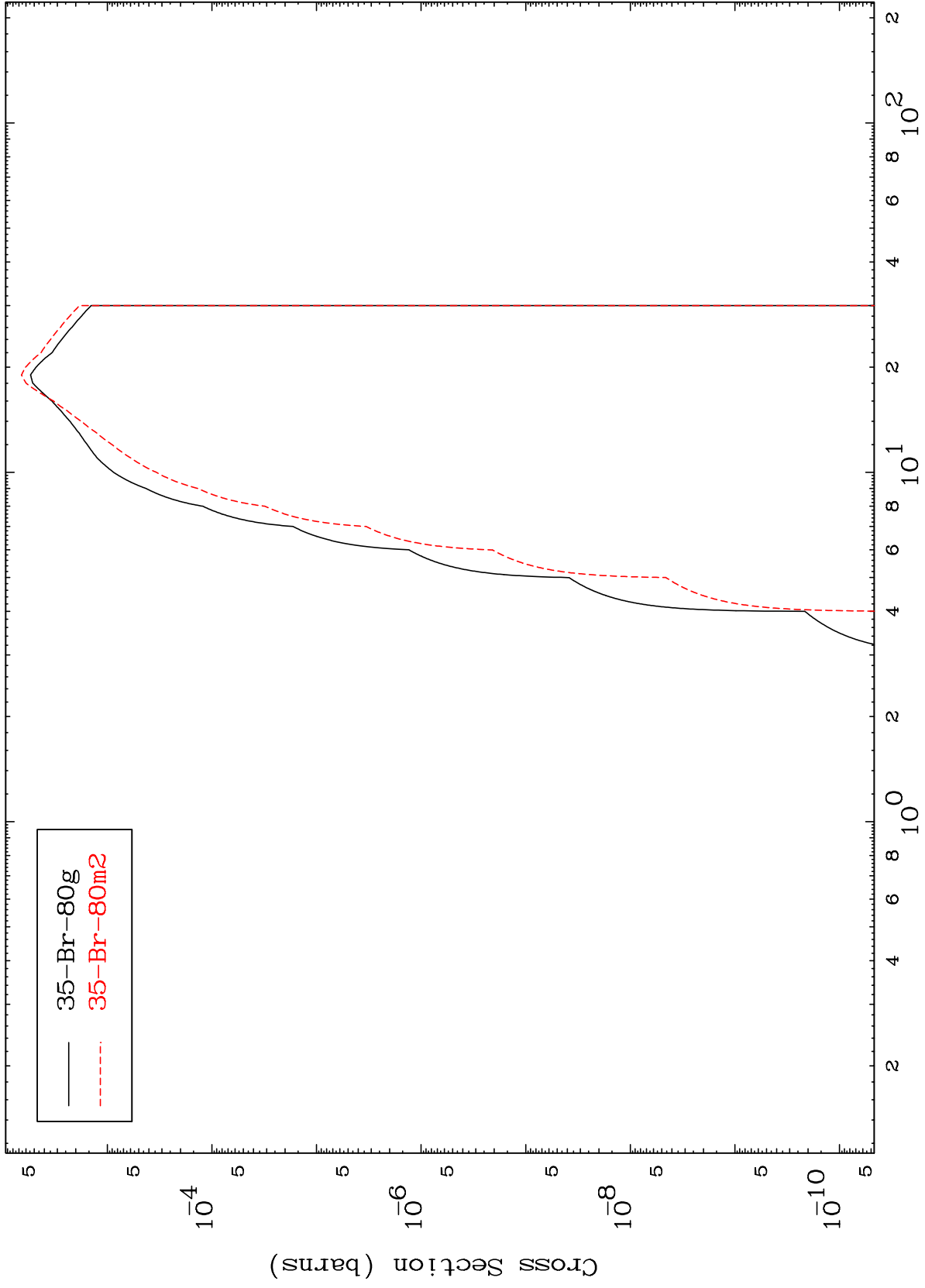
Incident Energy (MeV)

36-Kr-83m

MAT 3641

<sup>36</sup>Kr-83m

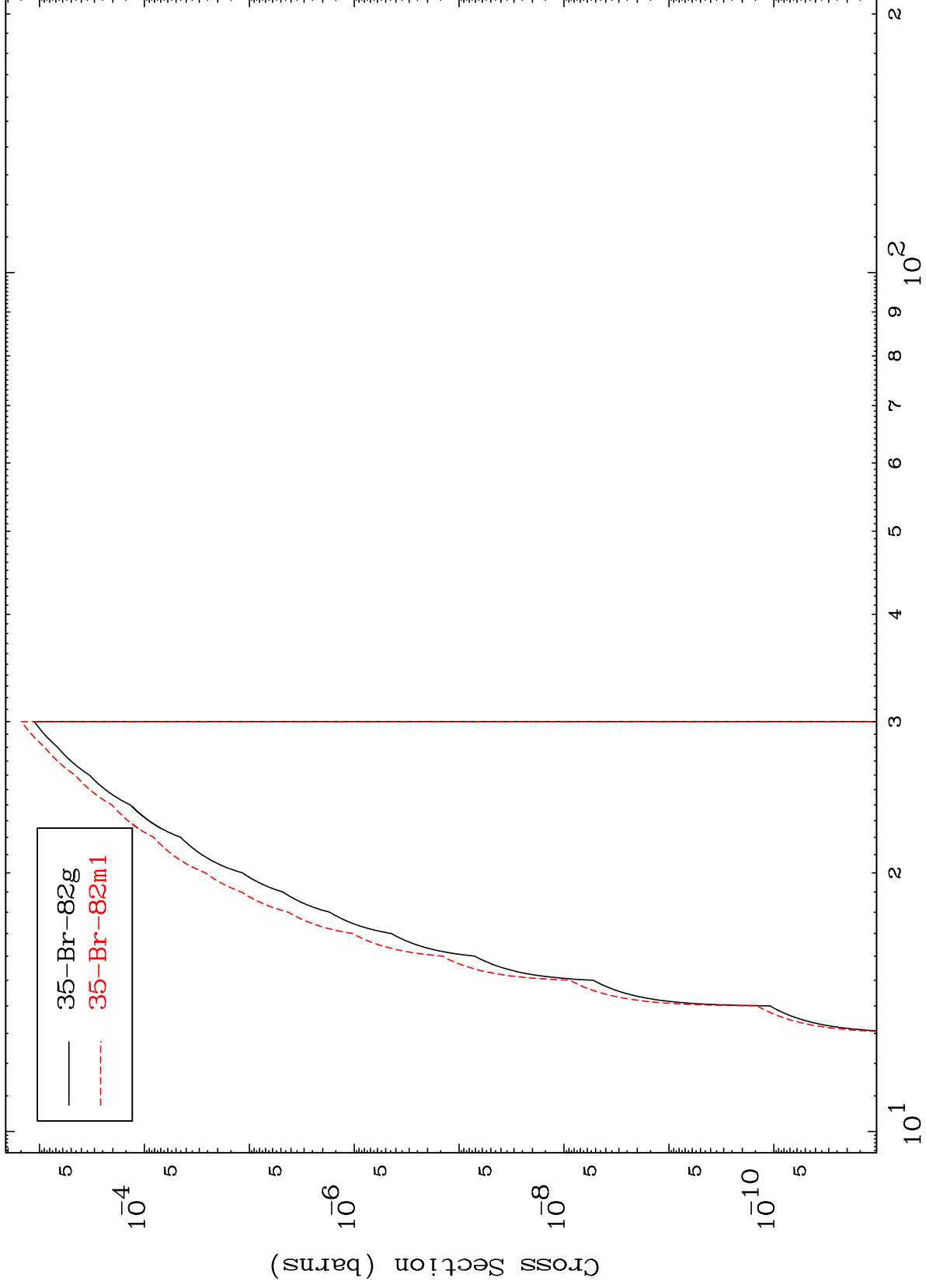
(n, α)  
Radionuclide Production Cross Section



MAT 3641

<sup>36</sup>Kr-83m

(n,2p)  
Radionuclide Production Cross Section



<sup>36</sup>Kr-83m

Incident Energy (MeV)

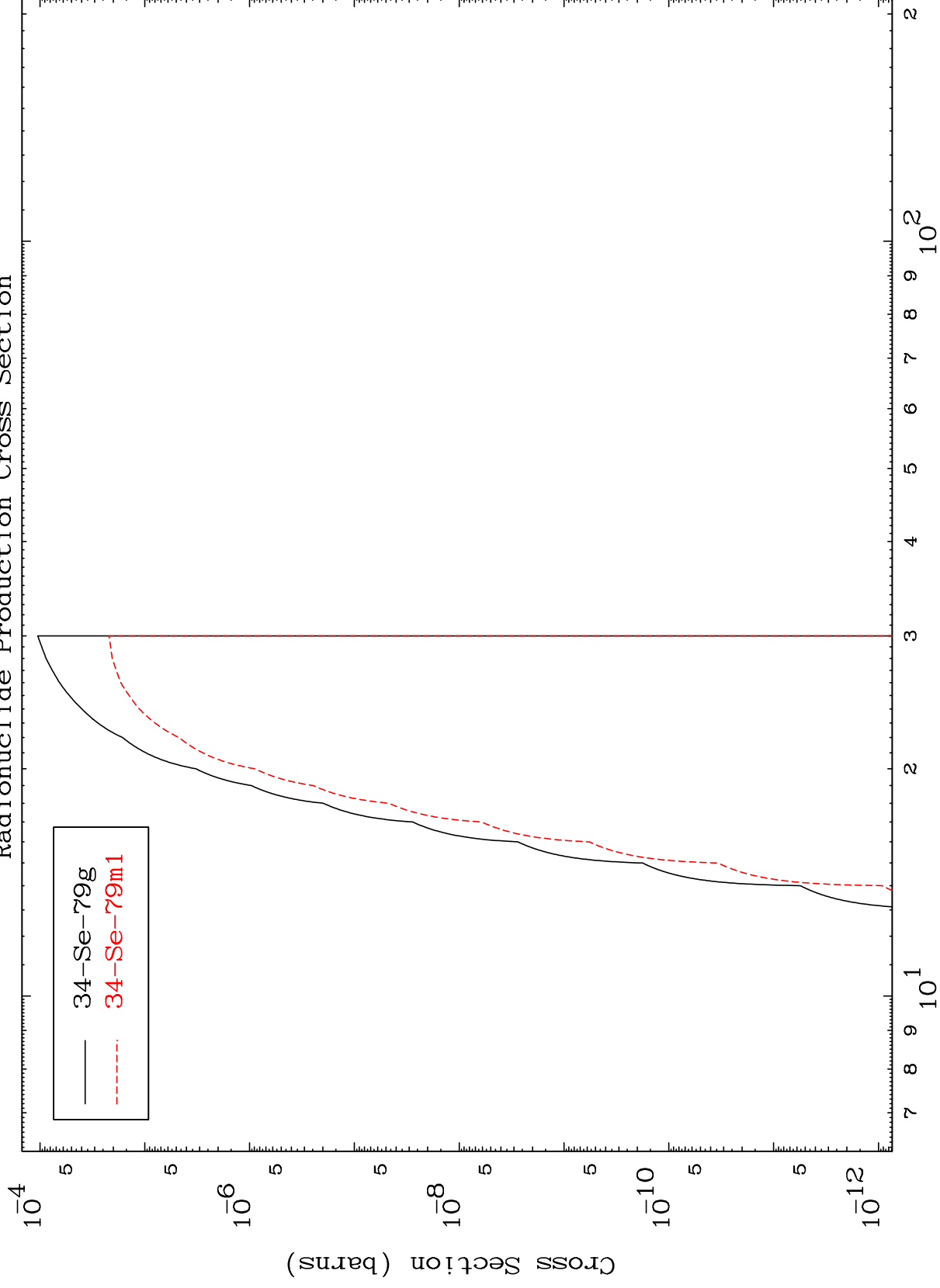
22

MAT 3641

(n,p)  $\alpha$

<sup>36</sup>Kr-83m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

<sup>36</sup>Kr-83m

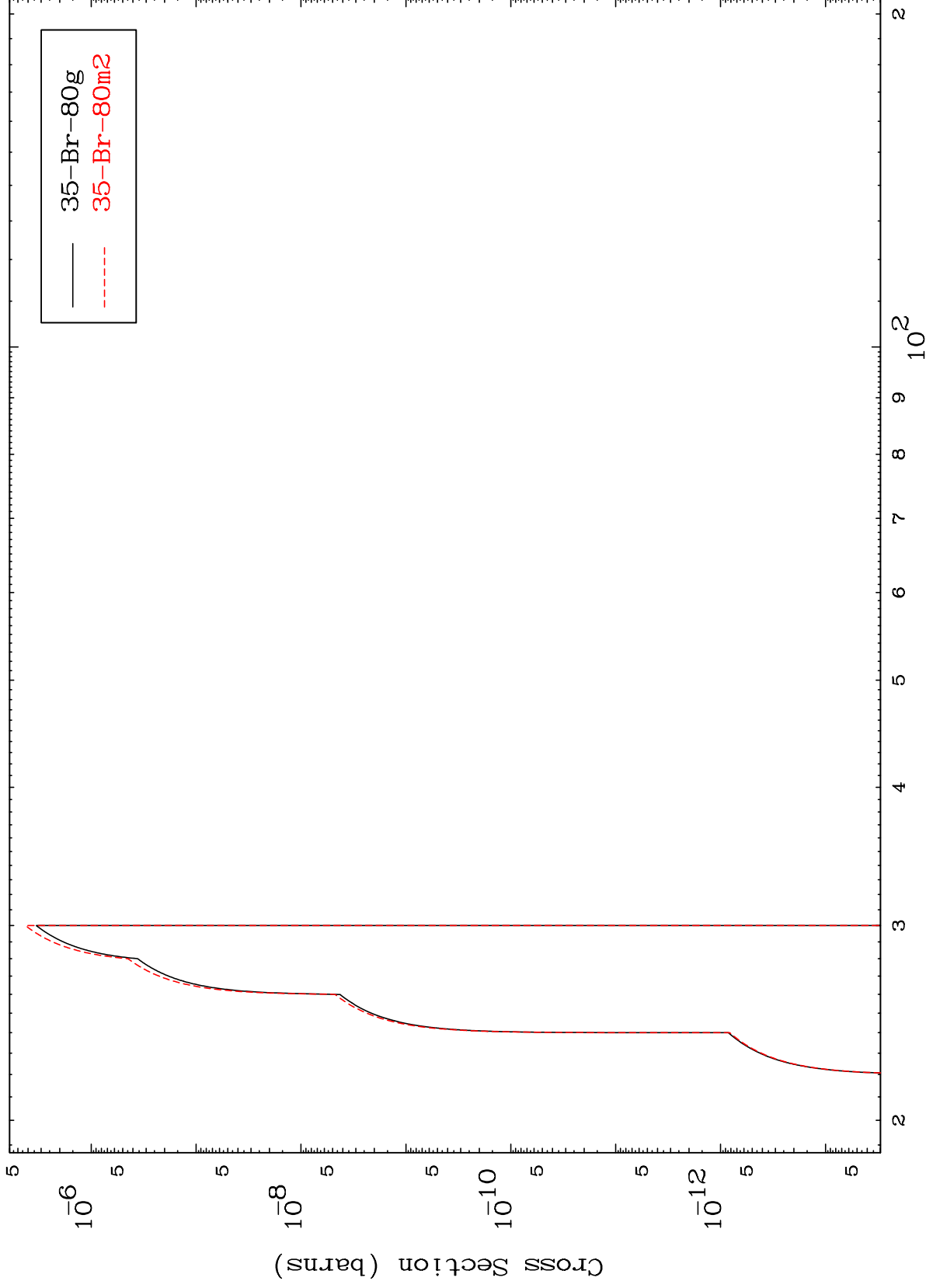


MAT 3641

(n,p) t

36-Kr-83m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

36-Kr-83m