

Program EVALPLOT  
(Version 2021-1)

by

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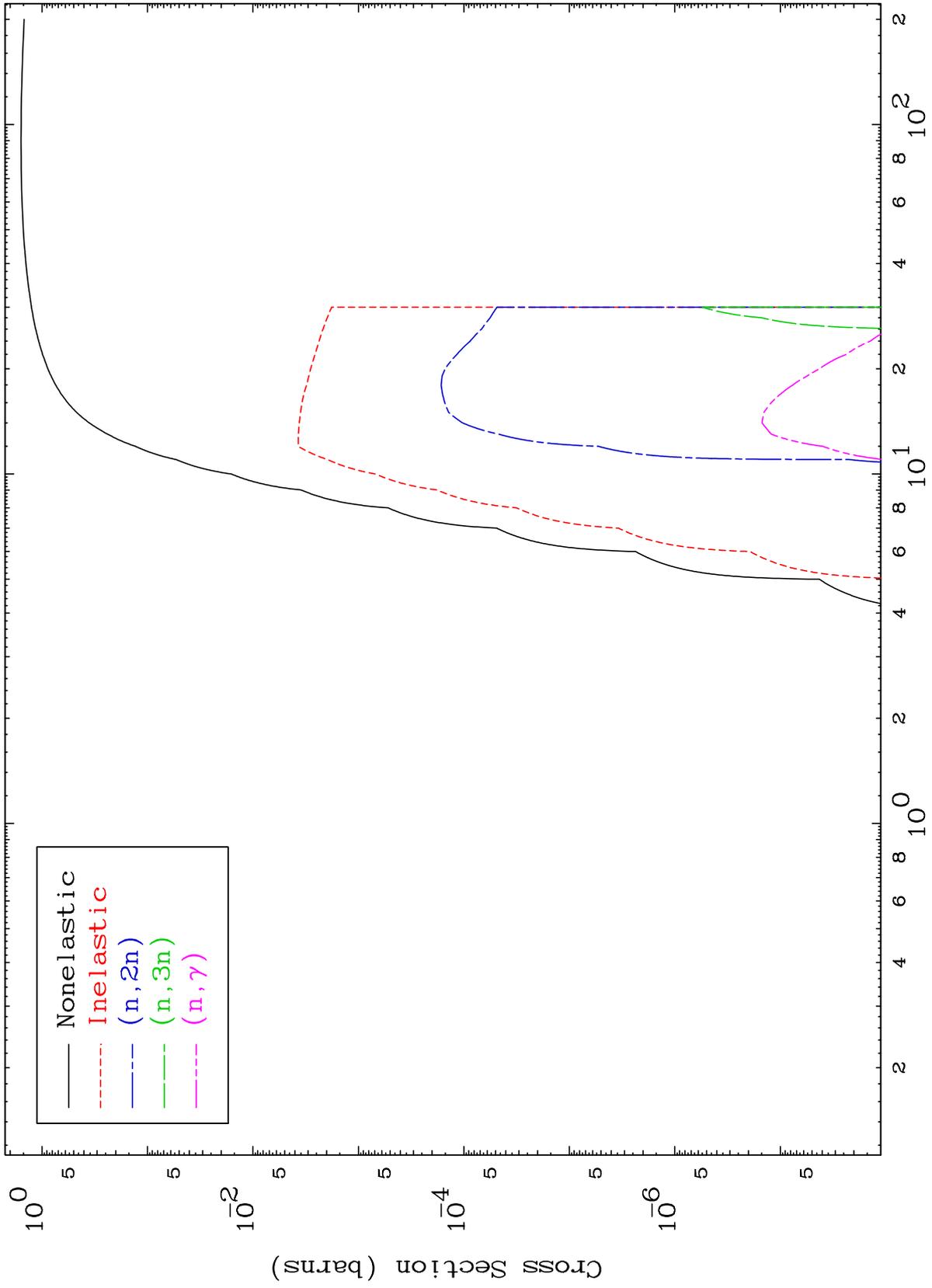
Press Mouse Button to Start

MAT 3705

He-3 Major

37-Rb-78m

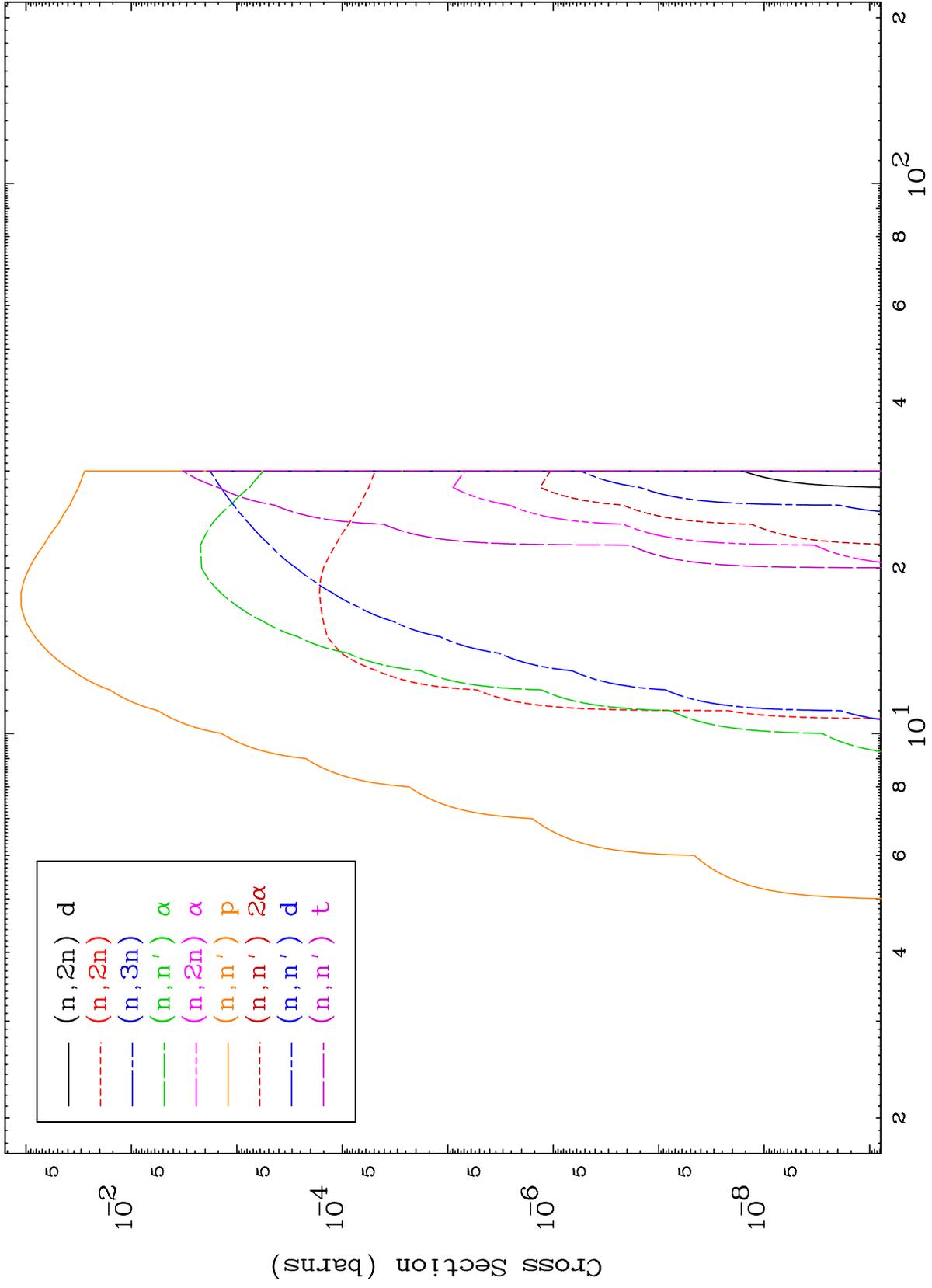
0 Kelvin Cross Sections



MAT 3705

He-3 Neutron Absorption  
0 Kelvin Cross Sections

37-Rb-78m



—	(n, 2n) d
- - -	(n, 2n)
- . - .	(n, 3n)
- - -	(n, n') $\alpha$
- . - .	(n, 2n) $\alpha$
- - -	(n, n') p
- . - .	(n, n') 2 $\alpha$
- - -	(n, n') d
- . - .	(n, n') t

2

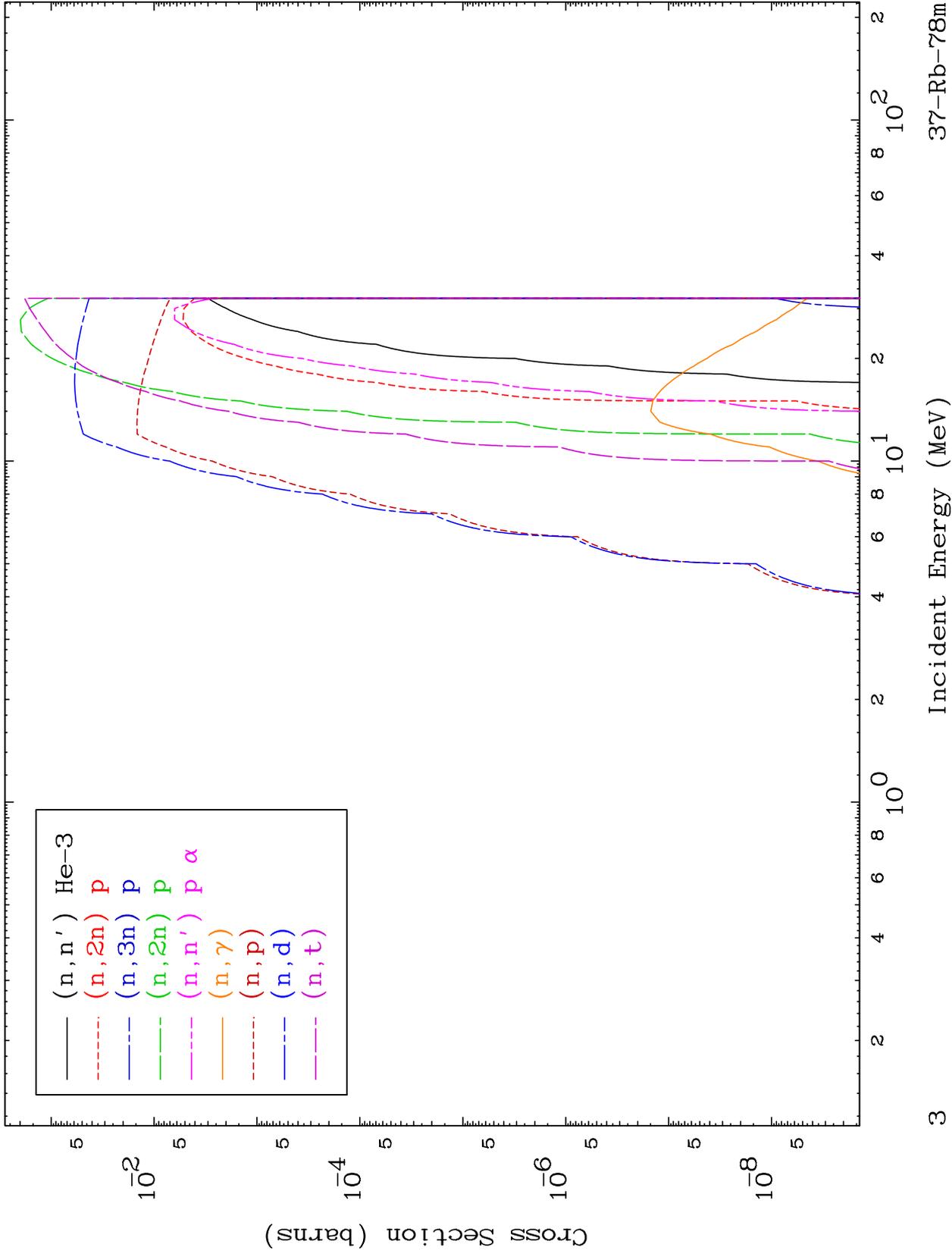
Incident Energy (MeV)

37-Rb-78m

MAT 3705

He-3 Neutron Absorption  
0 Kelvin Cross Sections

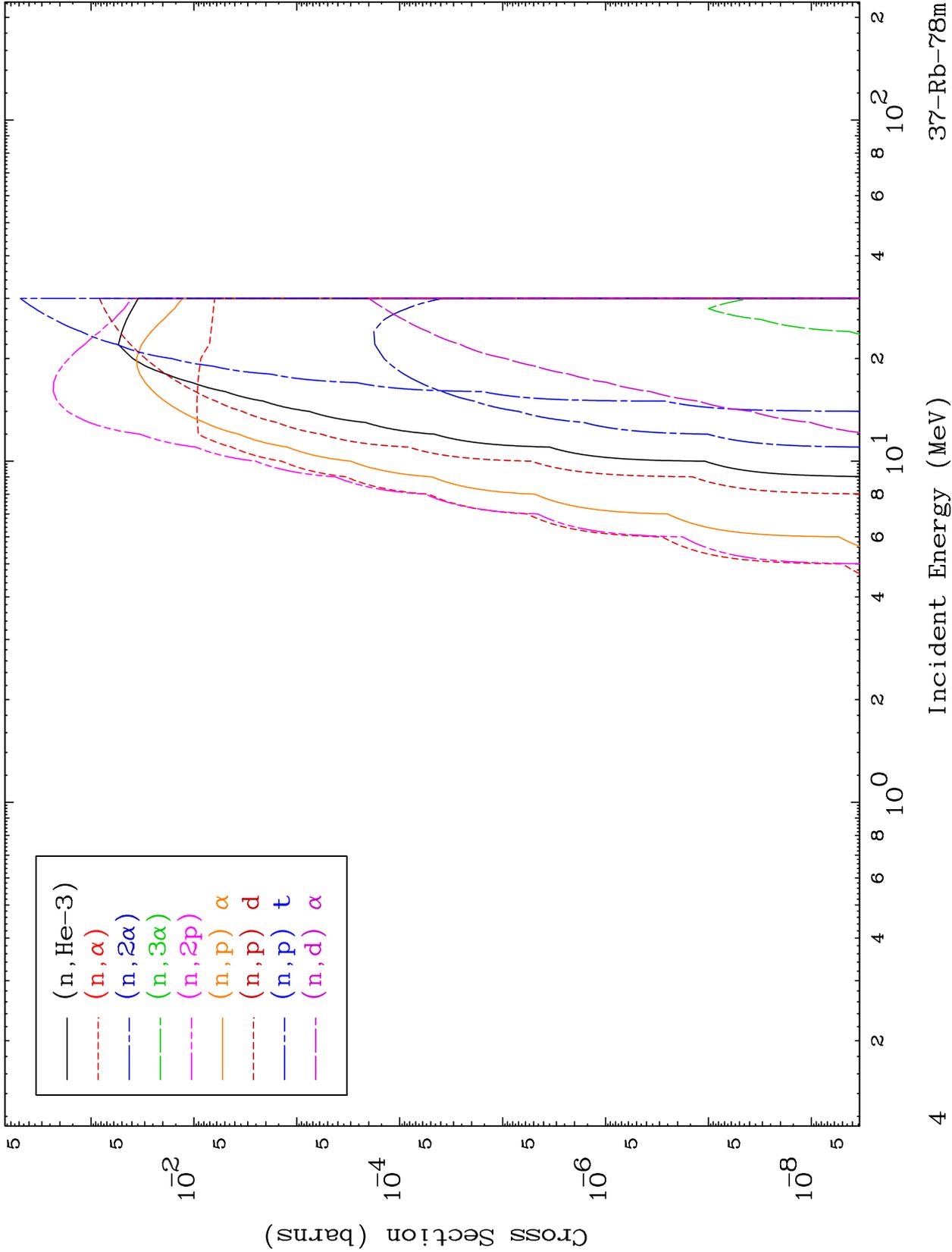
37-Rb-78m



MAT 3705

He-3 Neutron Absorption  
0 Kelvin Cross Sections

37-Rb-78m

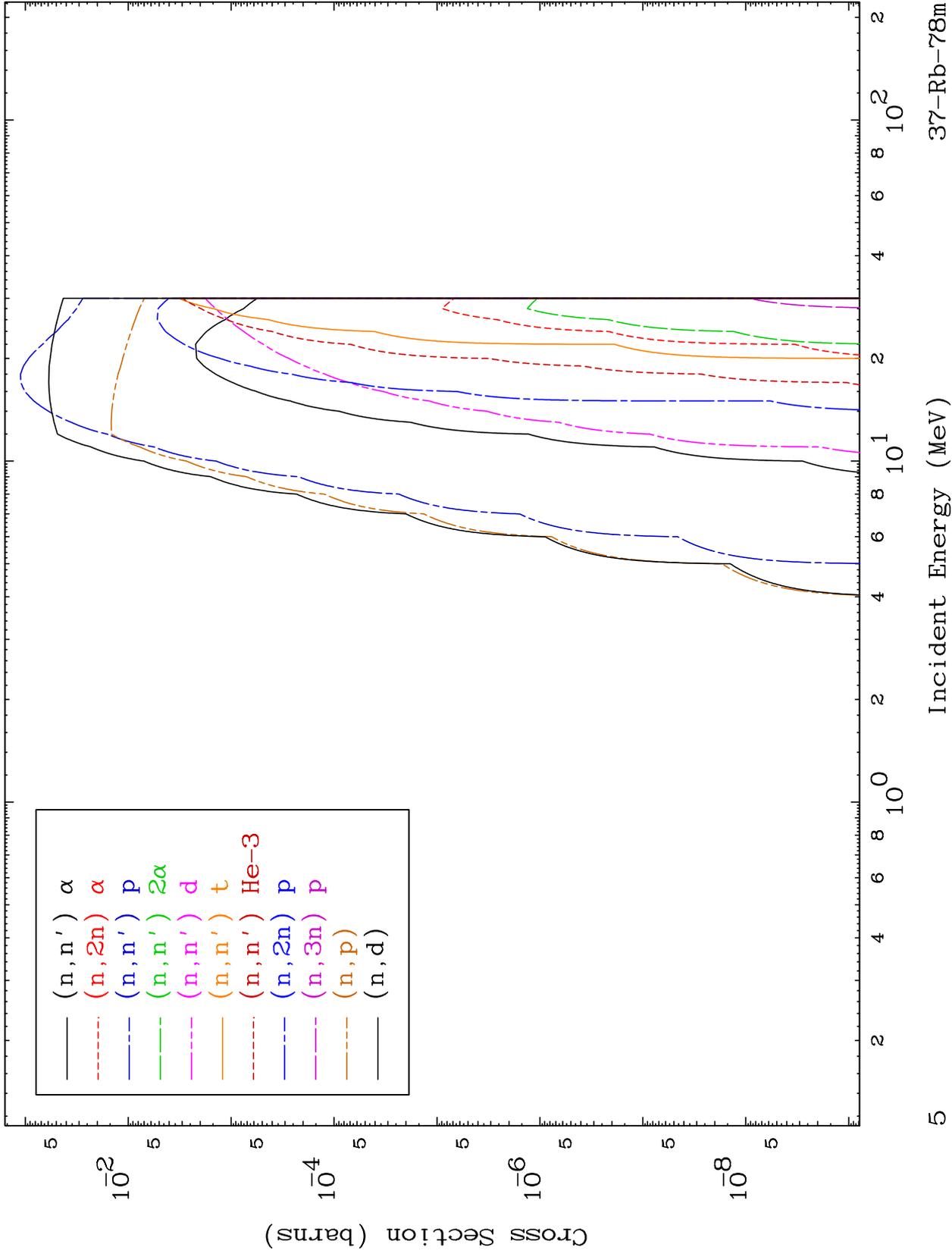


37-Rb-78m

MAT 3705

He-3 Charged Particle  
0 Kelvin Cross Sections

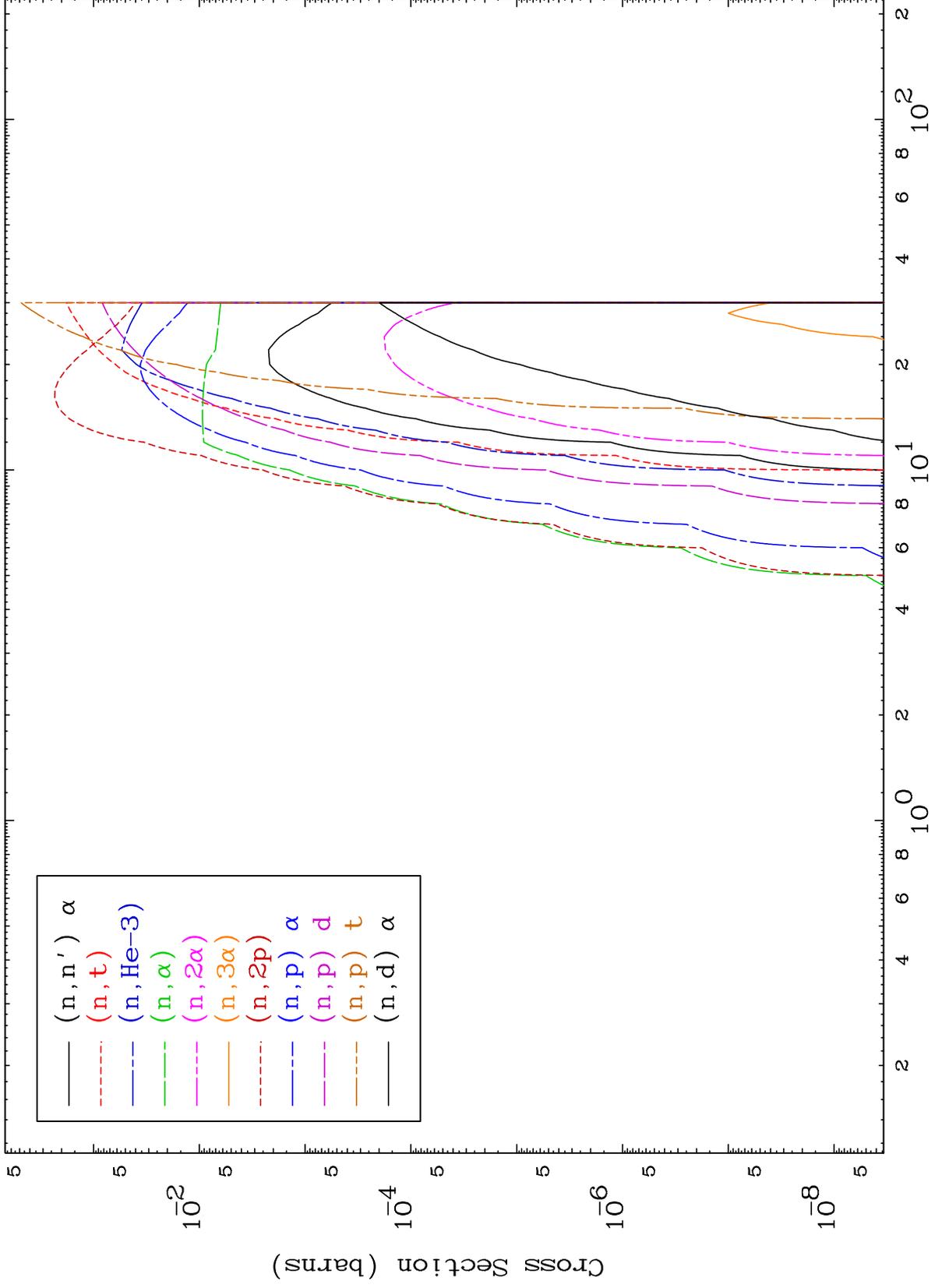
37-Rb-78m



MAT 3705

He-3 Charged Particle  
0 Kelvin Cross Sections

37-Rb-78m

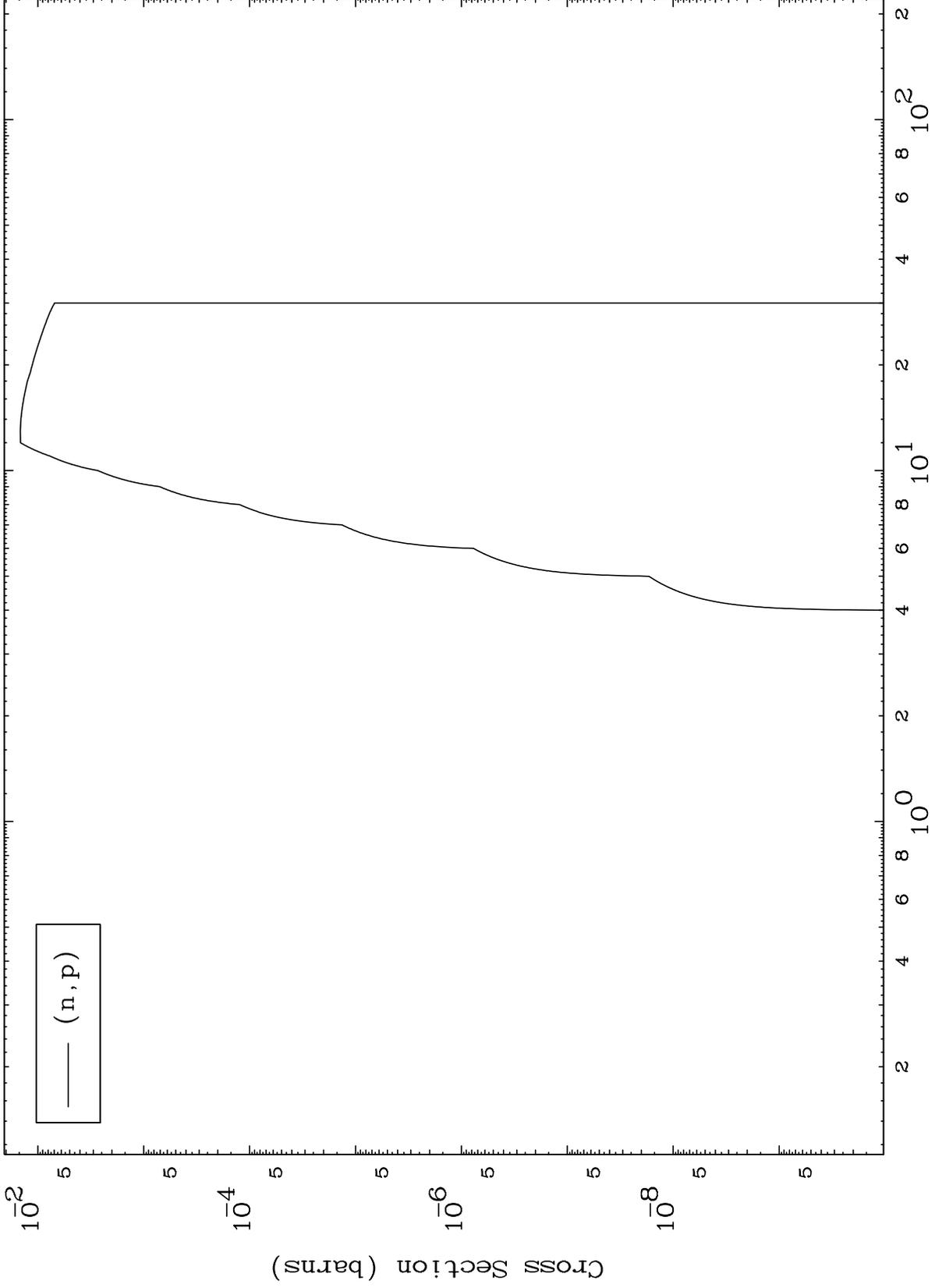


MAT 3705

(He-3,p) Levels

37-Rb-78m

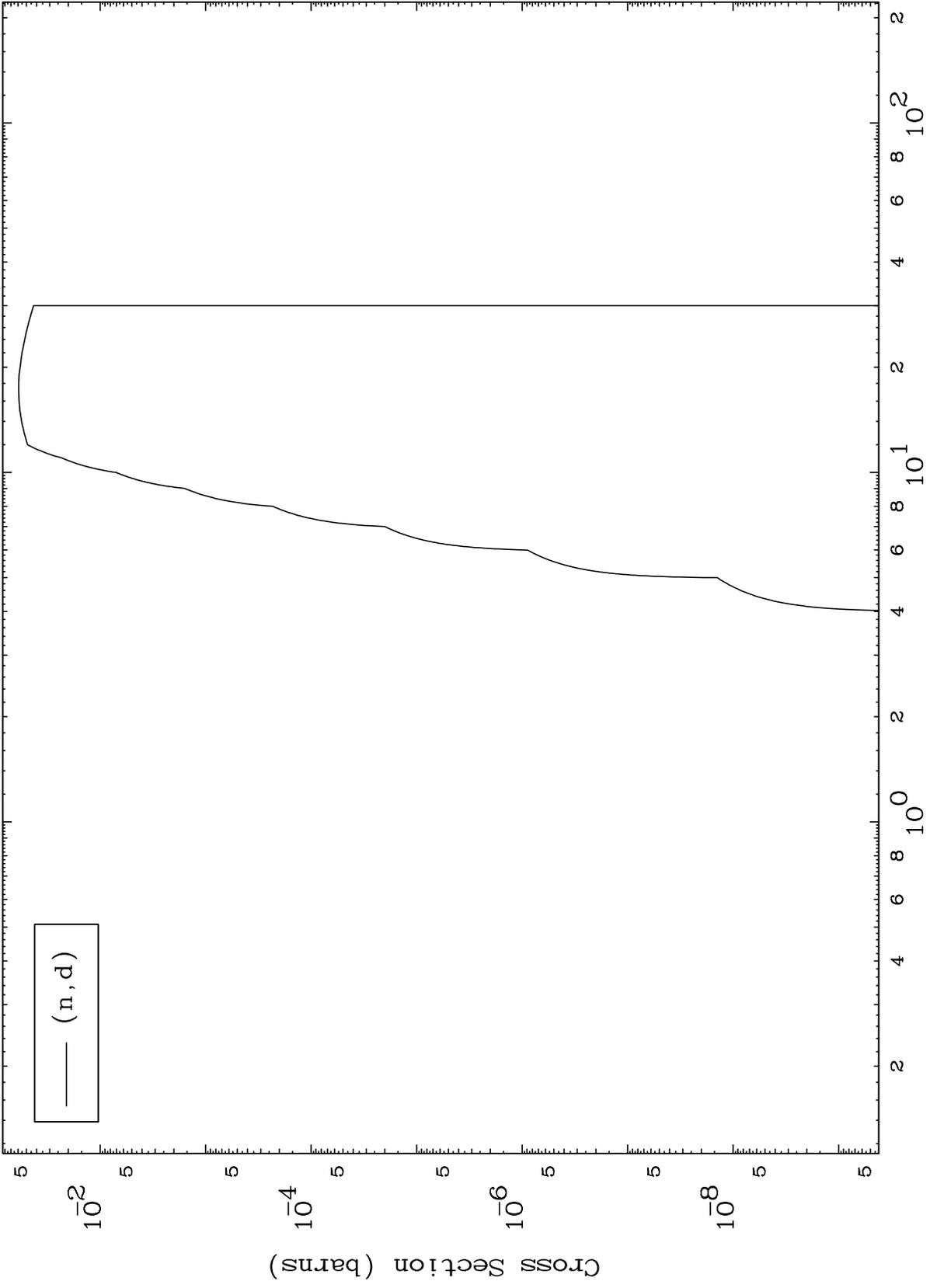
0 Kelvin Cross Sections



MAT 3705

(He-3,d) Levels  
0 Kelvin Cross Sections

37-Rb-78m

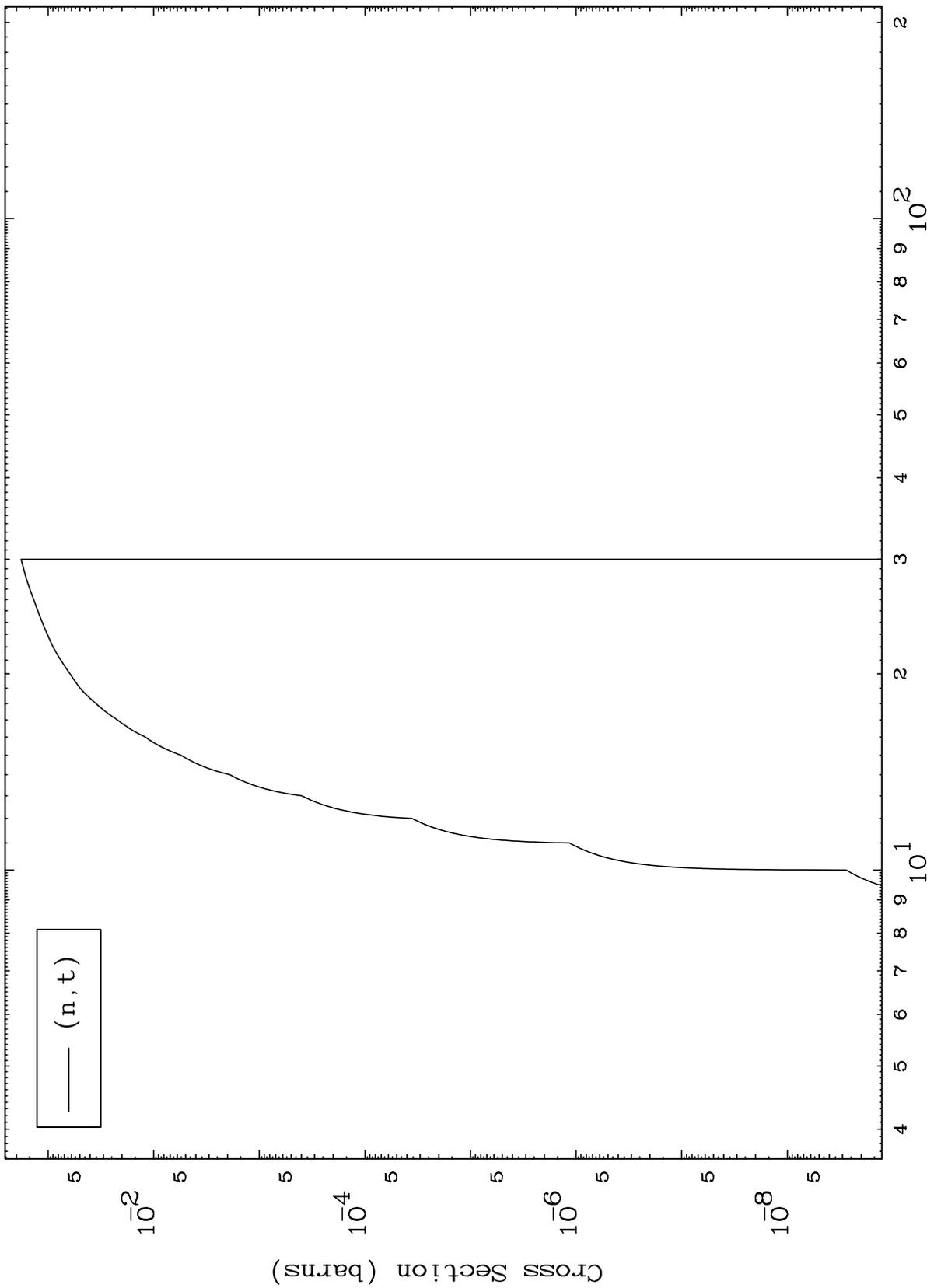


MAT 3705

(He-3,t) Levels

37-Rb-78m

0 Kelvin Cross Sections



9

Incident Energy (MeV)

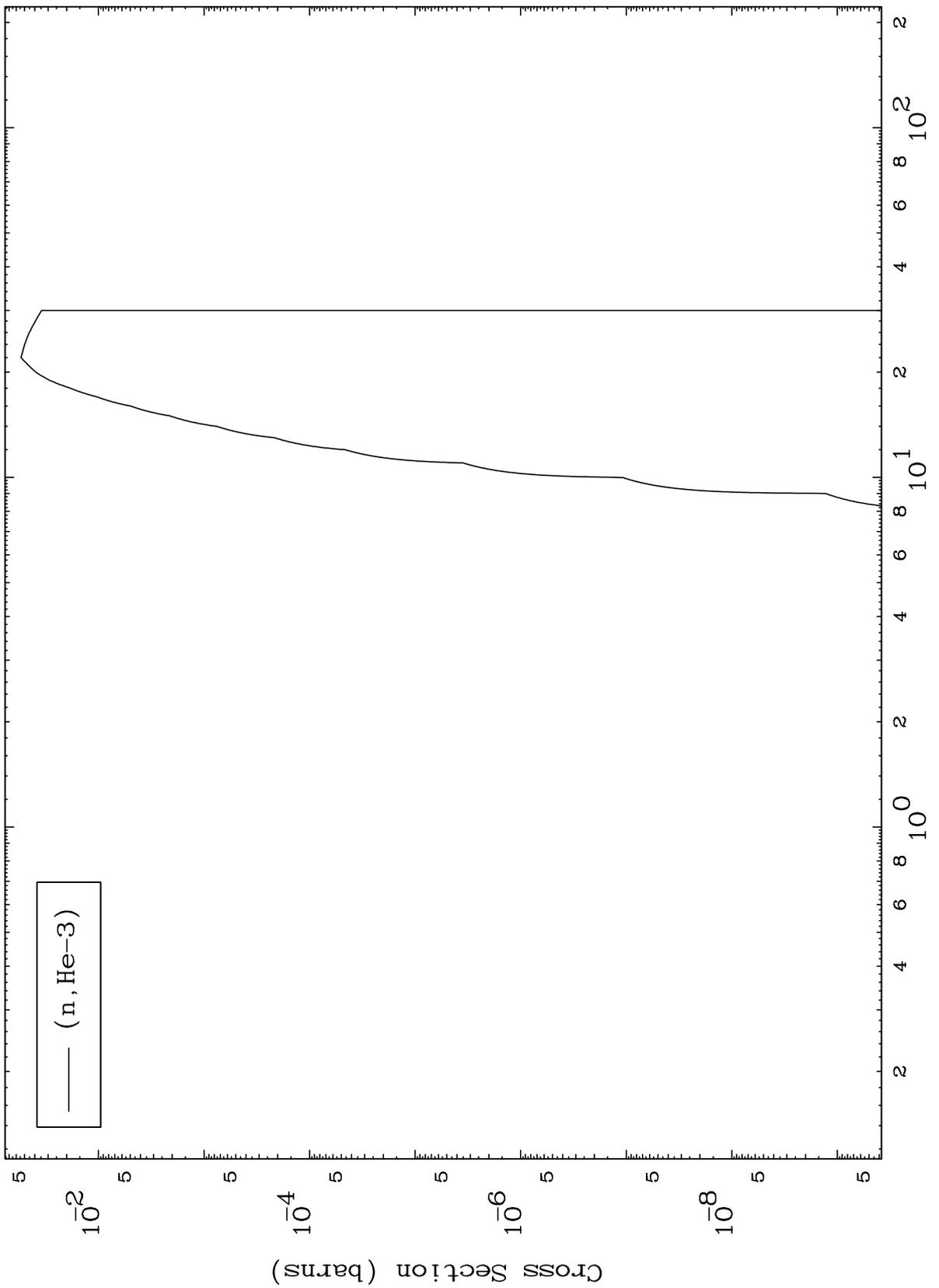
37-Rb-78m

MAT 3705

(He-3, He3) Levels

37-Rb-78m

0 Kelvin Cross Sections



10

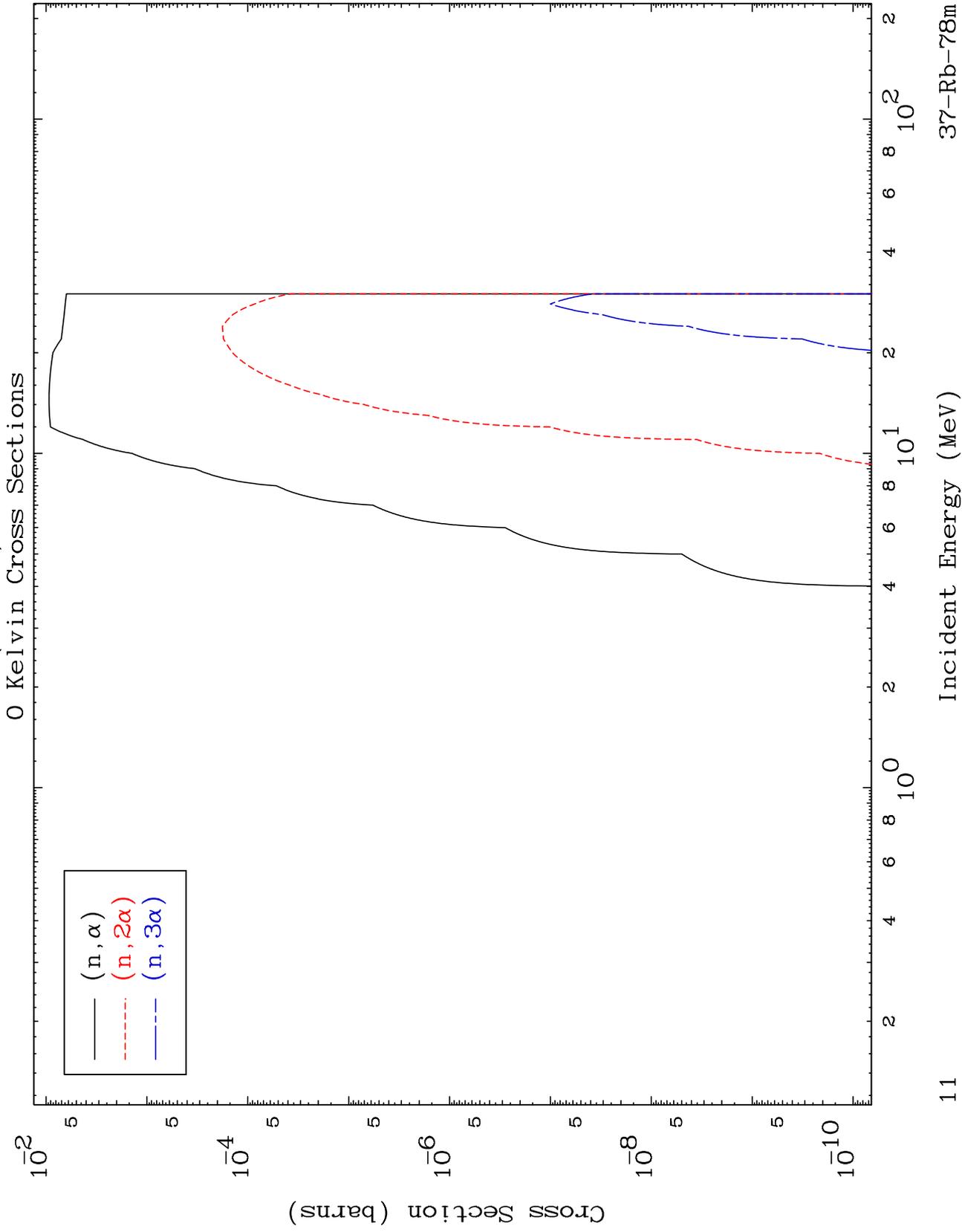
Incident Energy (MeV)

37-Rb-78m

MAT 3705

(He-3,  $\alpha$ ) Levels

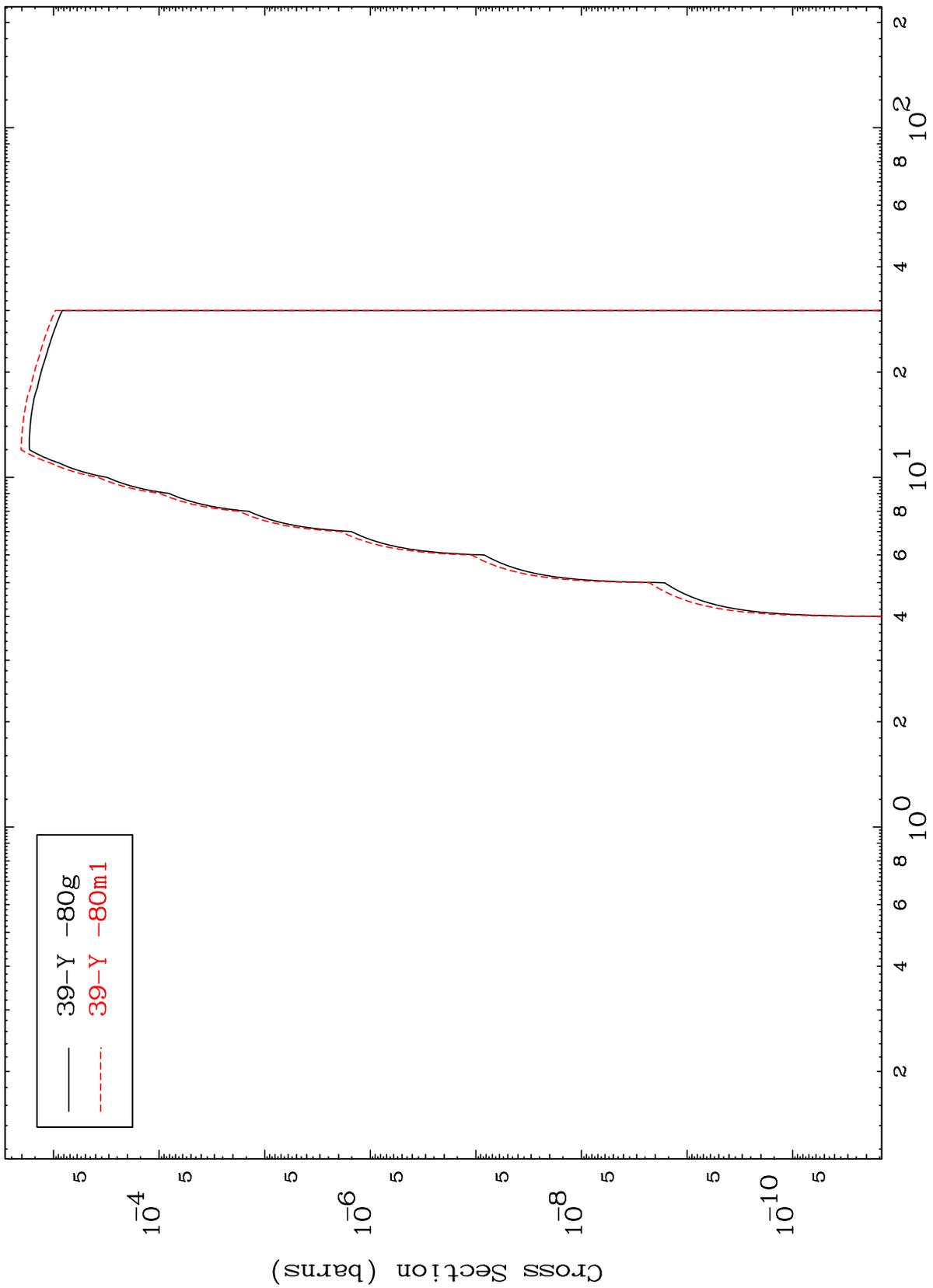
37-Rb-78m



MAT 3705

37-Rb-78m

Inelastic  
Radionuclide Production Cross Section



39-Y -80g  
39-Y -80m1

37-Rb-78m

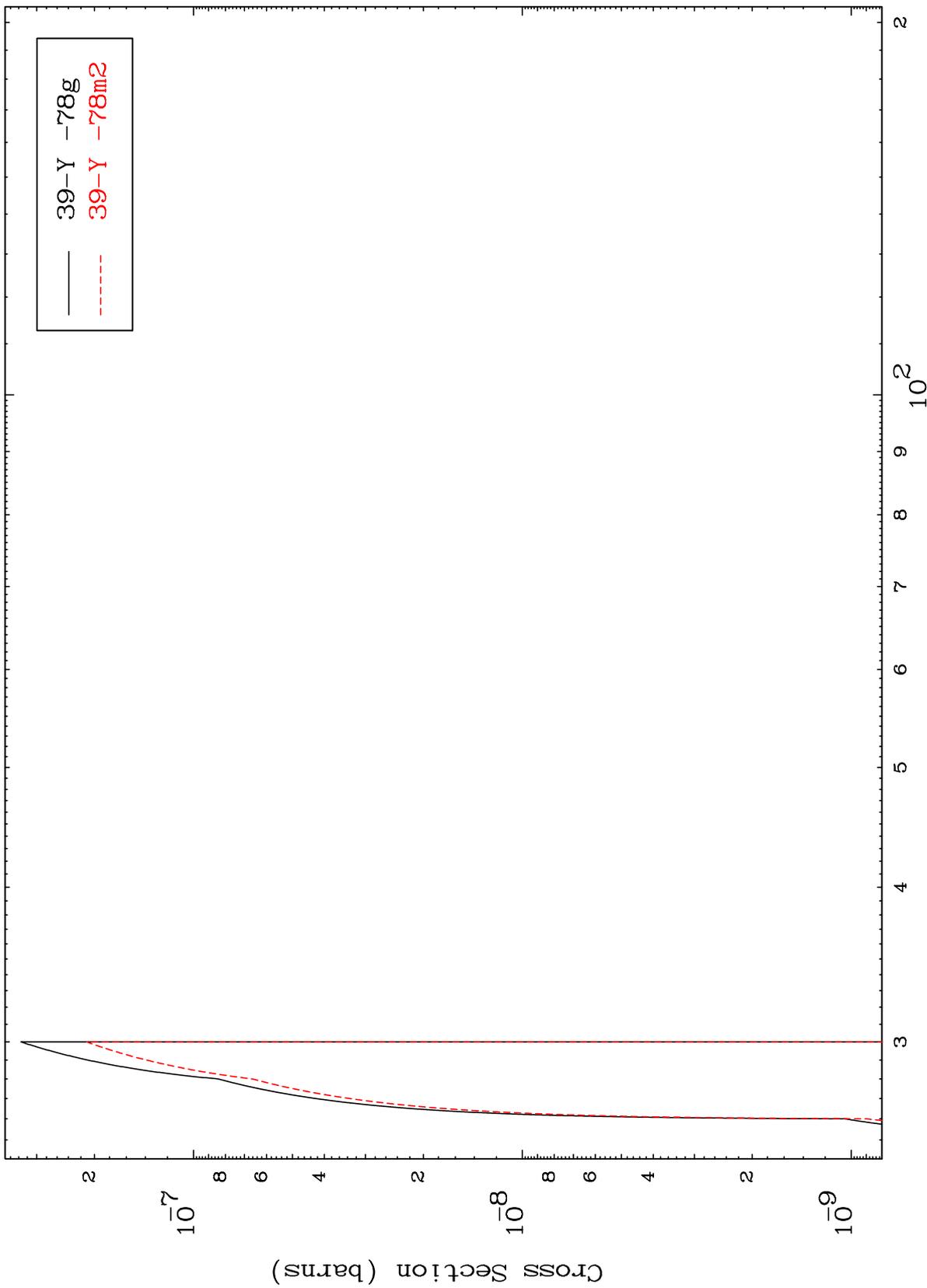
Incident Energy (MeV)

12

MAT 3705

37-Rb-78m

(n,3n)  
Radionuclide Production Cross Section



13

37-Rb-78m

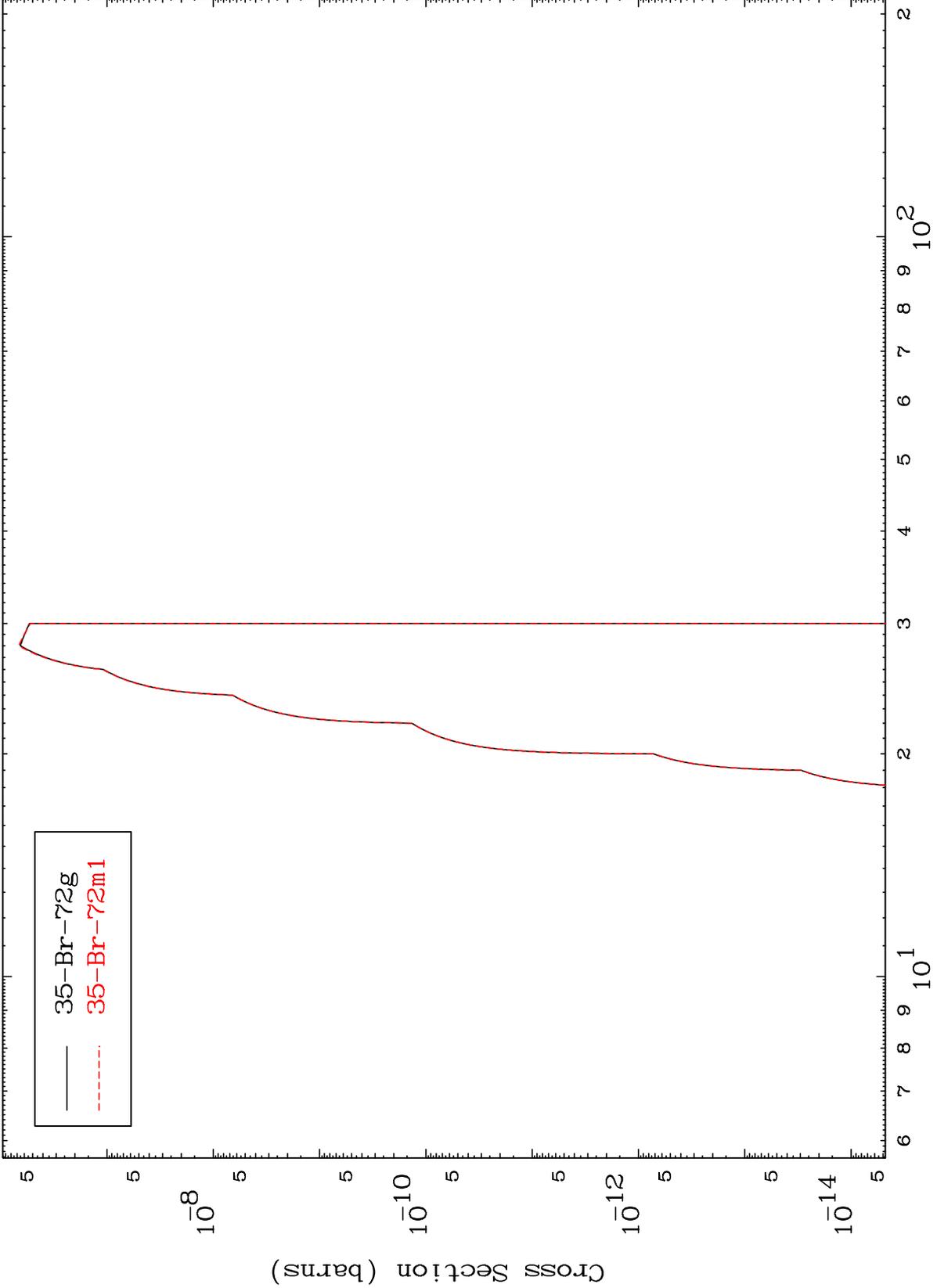
Incident Energy (MeV)

MAT 3705

(n,n') 2α

37-Rb-78m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

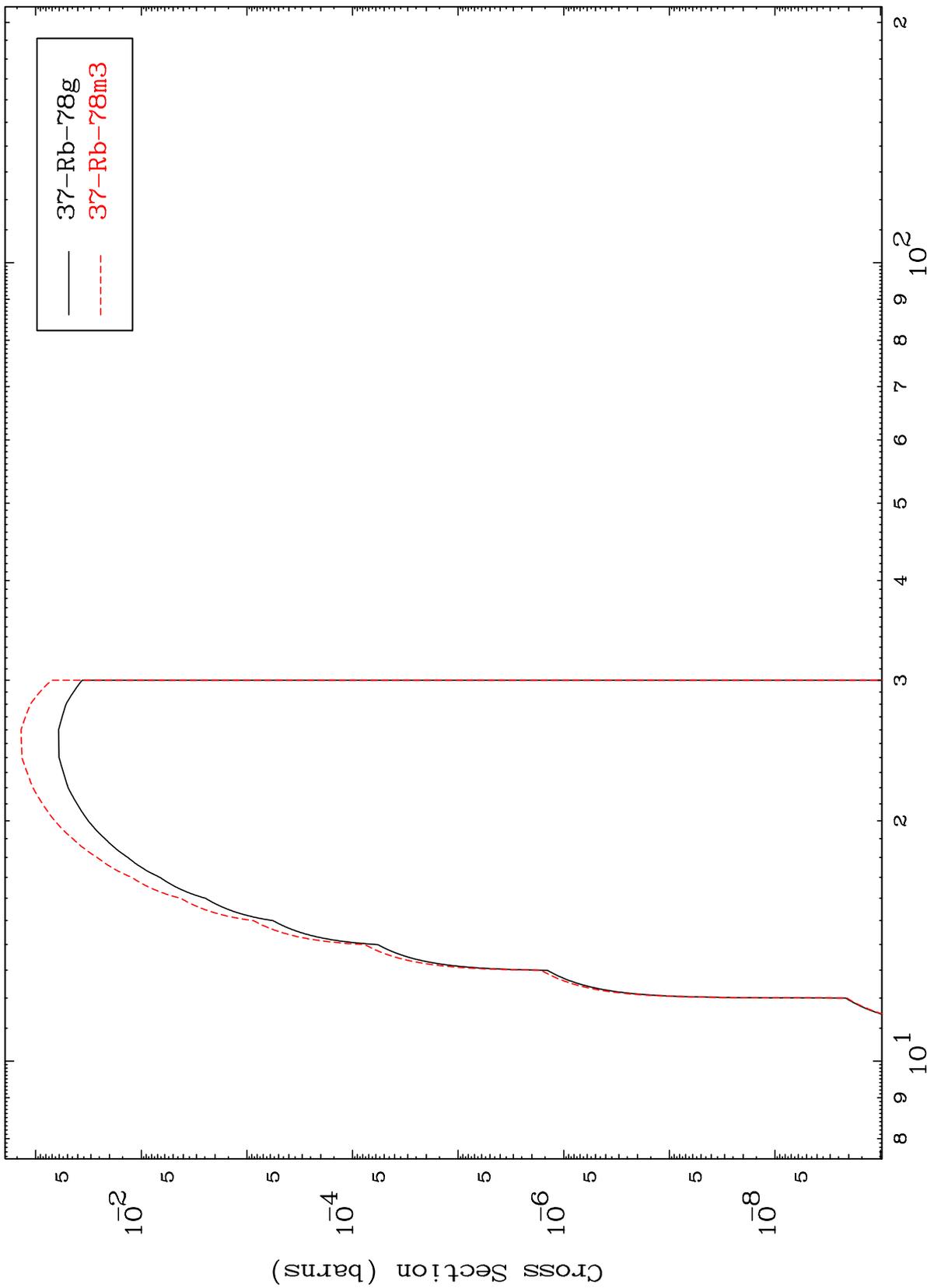
37-Rb-78m

MAT 3705

(n,2n) p

<sup>37</sup>Rb-78m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

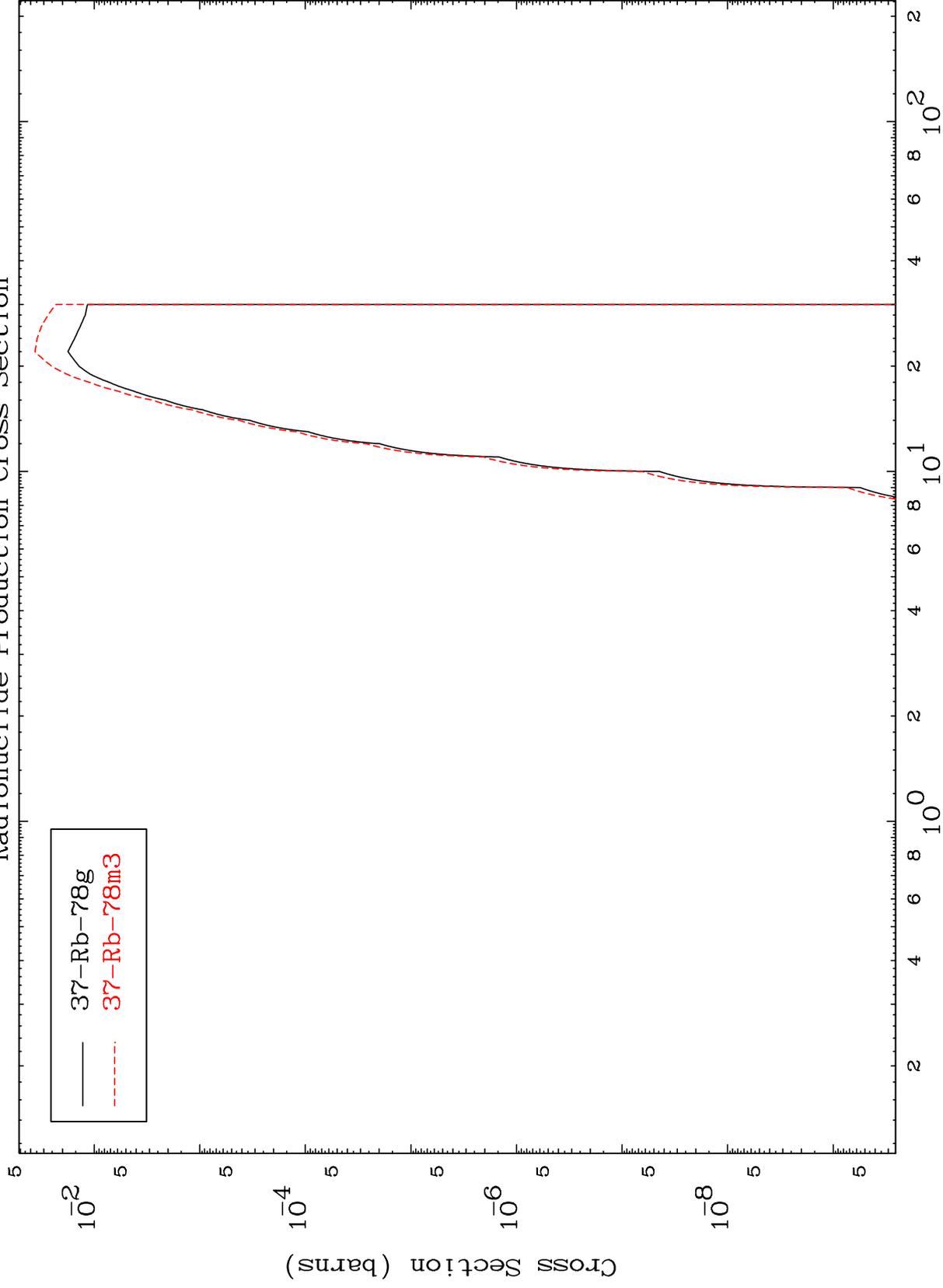
<sup>37</sup>Rb-78m

MAT 3705

(n,He-3)

37-Rb-78m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

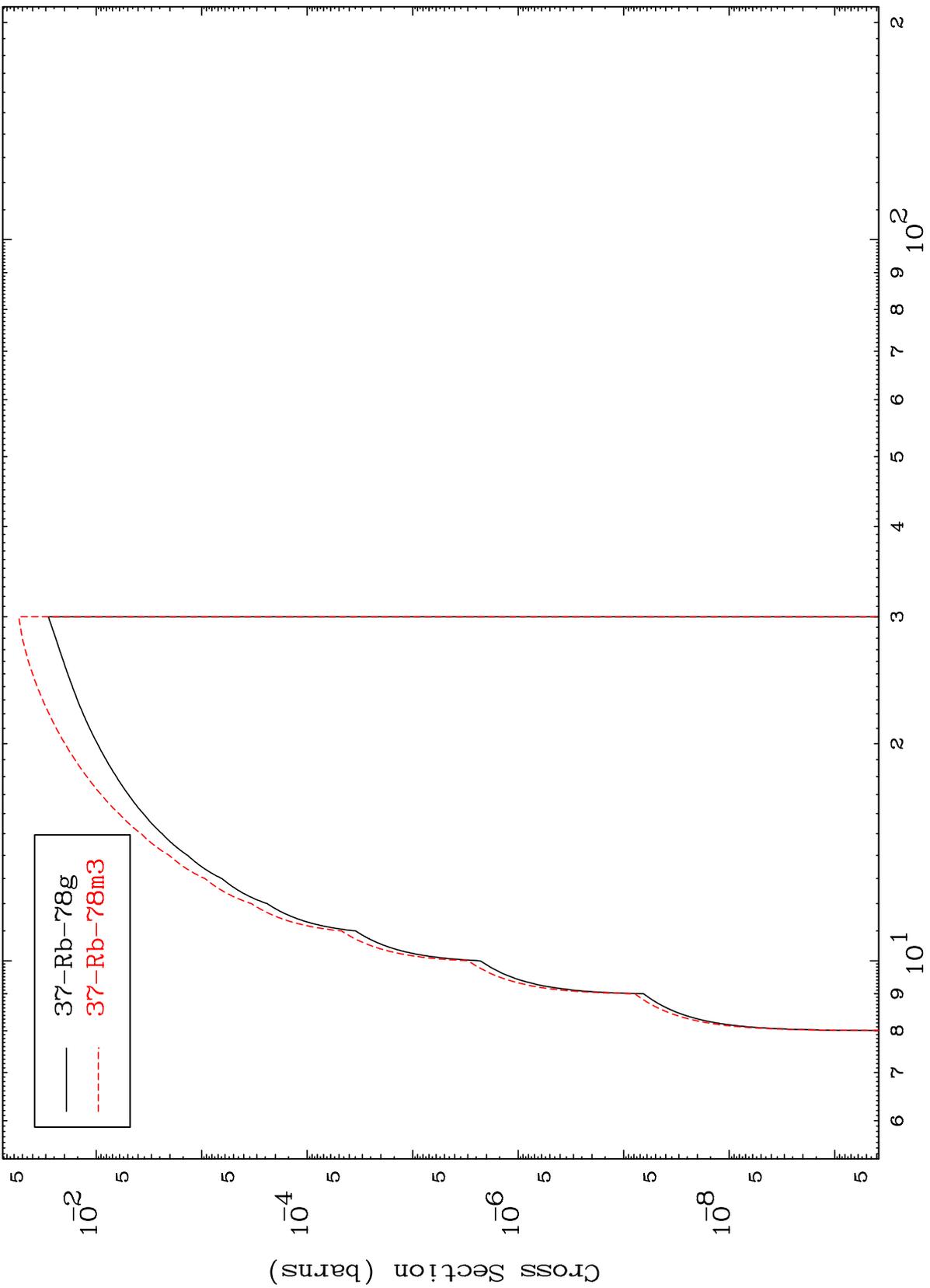
37-Rb-78m

MAT 3705

(n,p) d

<sup>37</sup>Rb-78m

Radionuclide Production Cross Section



Legend:  
— 37-Rb-78g  
- - - 37-Rb-78m3

17

Incident Energy (MeV)

<sup>37</sup>Rb-78m