

Program EVALPLOT  
(Version 2021-1)

by

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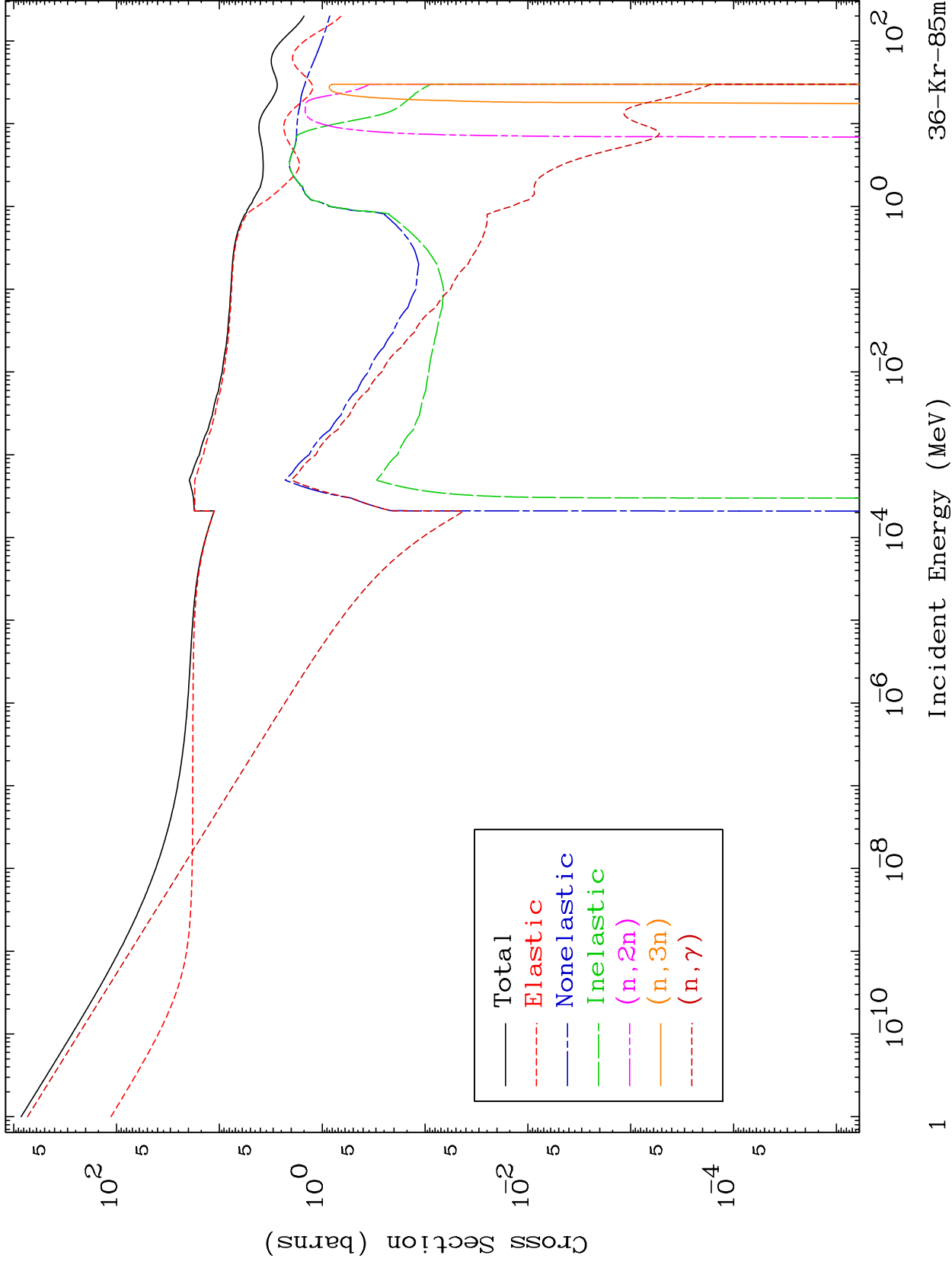
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 3647

Neutron Major  
293 Kelvin Cross Sections

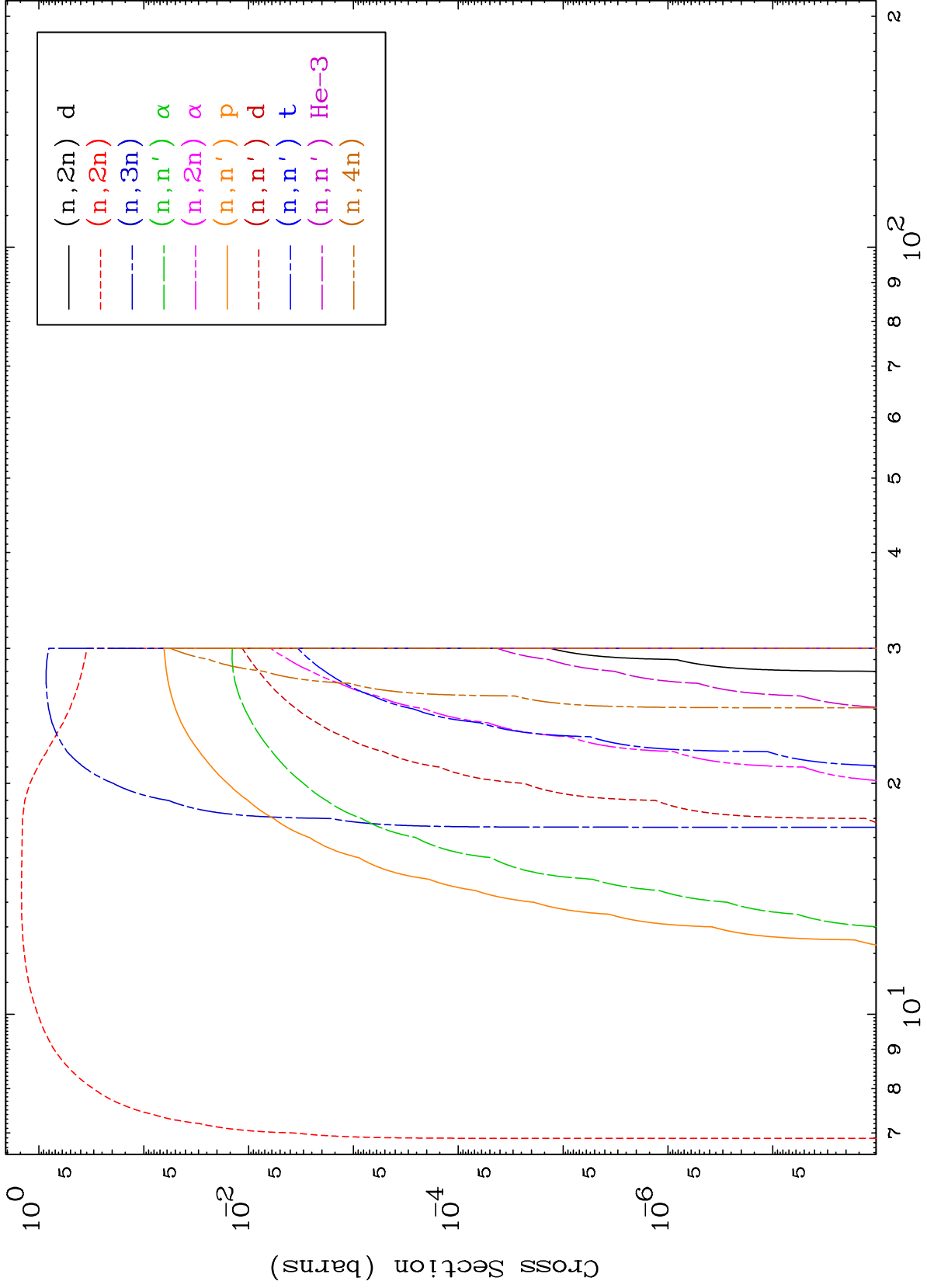
36-Kr-85m



MAT 3647

Neutron Absorption  
293 Kelvin Cross Sections

<sup>36</sup>Kr-85m



2

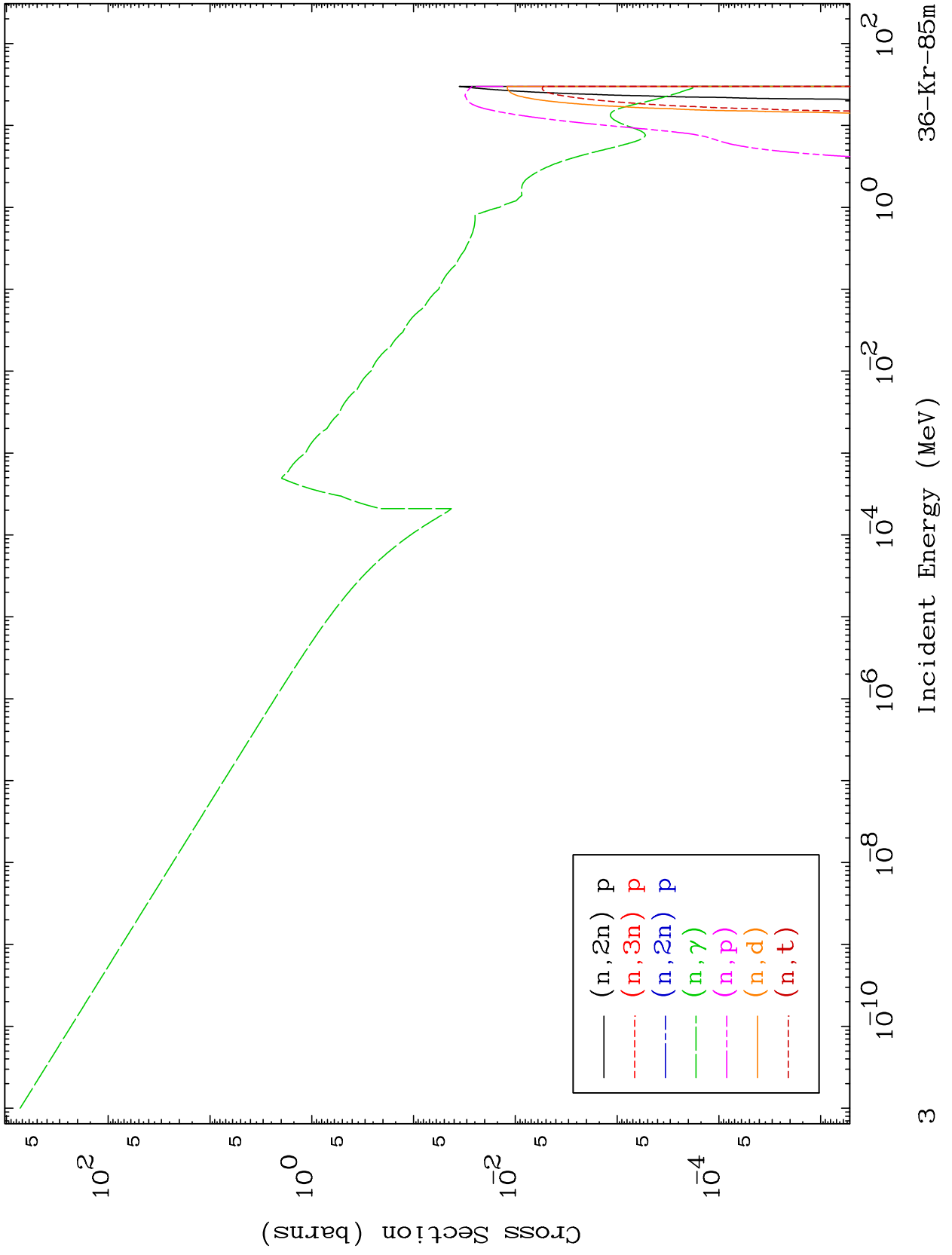
Incident Energy (MeV)

<sup>36</sup>Kr-85m

MAT 3647

Neutron Absorption  
293 Kelvin Cross Sections

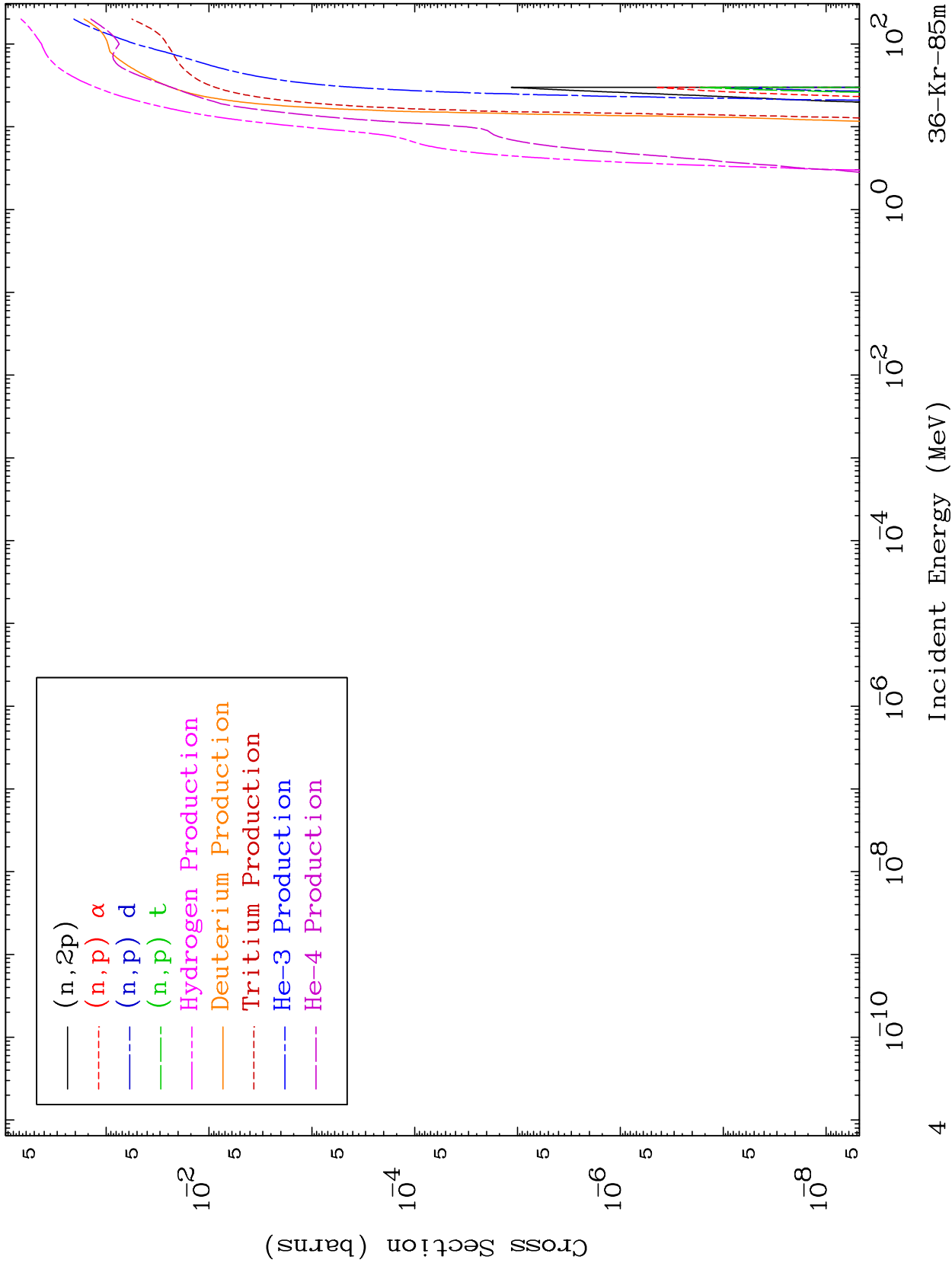
36-Kr-85m



MAT 3647

Neutron Absorption  
293 Kelvin Cross Sections

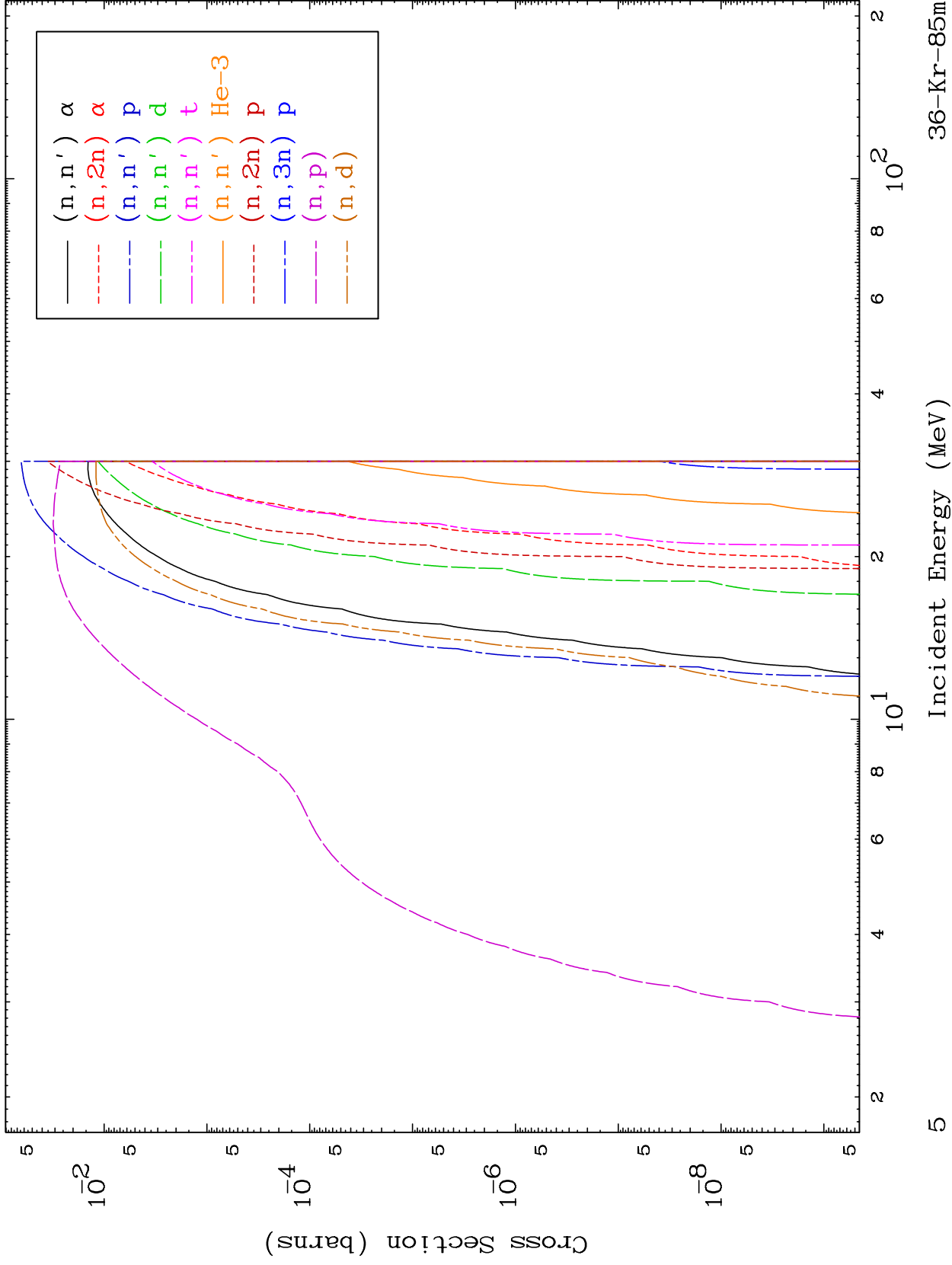
36-Kr-85m



MAT 3647

Charged Particle  
293 Kelvin Cross Sections

36-Kr-85m



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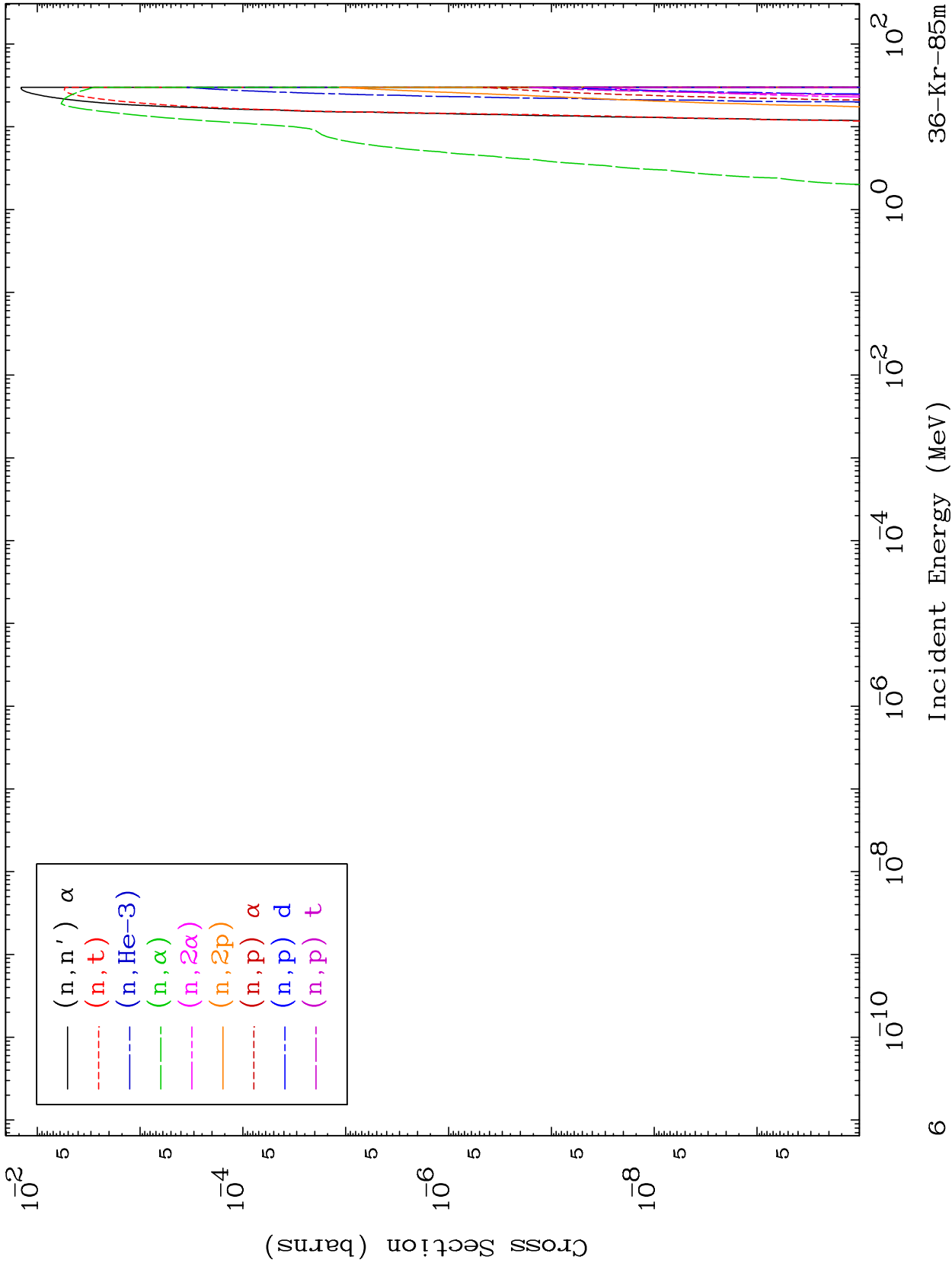
Incident Energy (MeV)

36-Kr-85m

MAT 3647

Charged Particle  
293 Kelvin Cross Sections

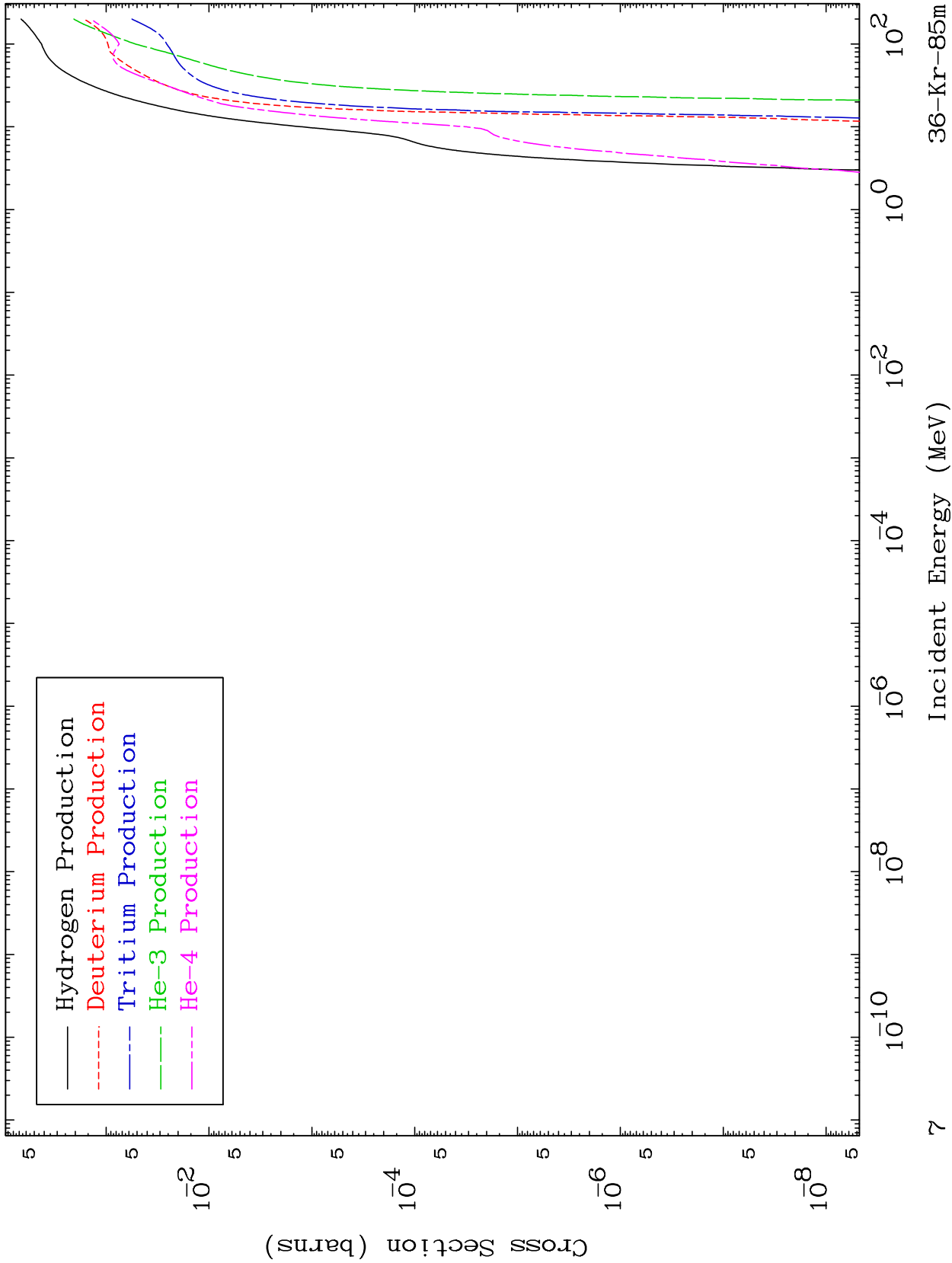
36-Kr-85m



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Particle Production  
293 Kelvin Cross Sections

36-Kr-85m

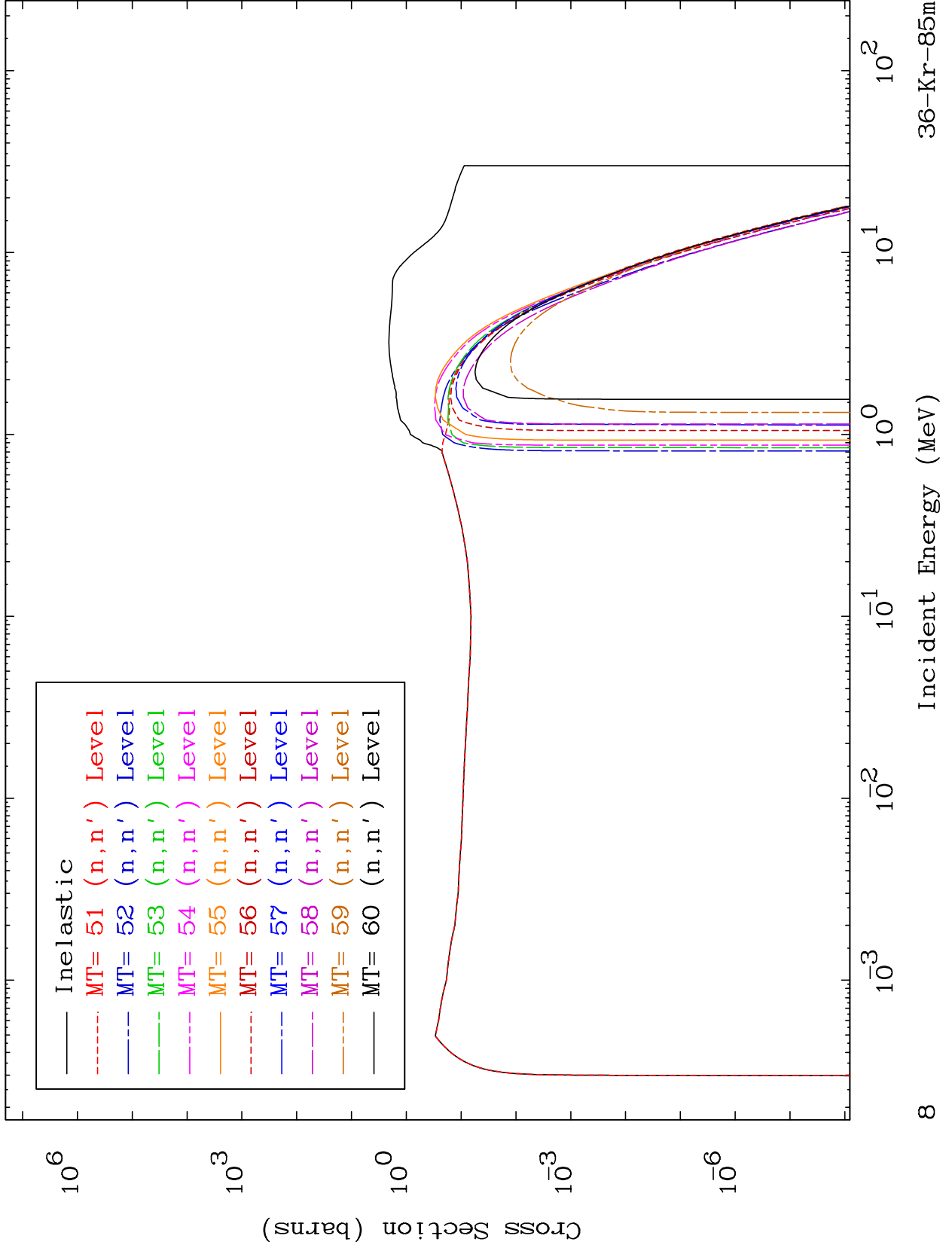




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(n,n') Levels  
293 Kelvin Cross Sections

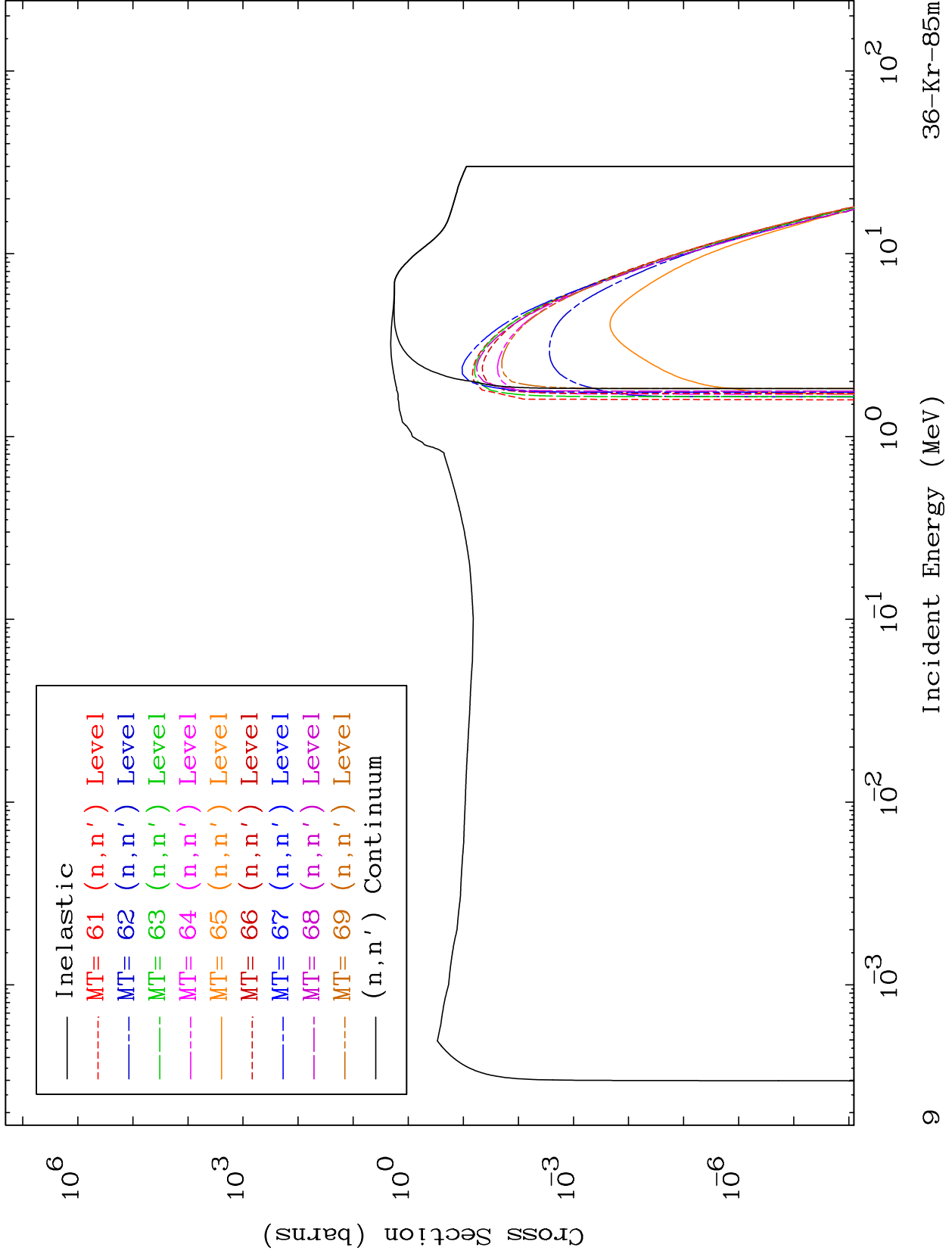
36-Kr-85m



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(n,n') Levels  
293 Kelvin Cross Sections

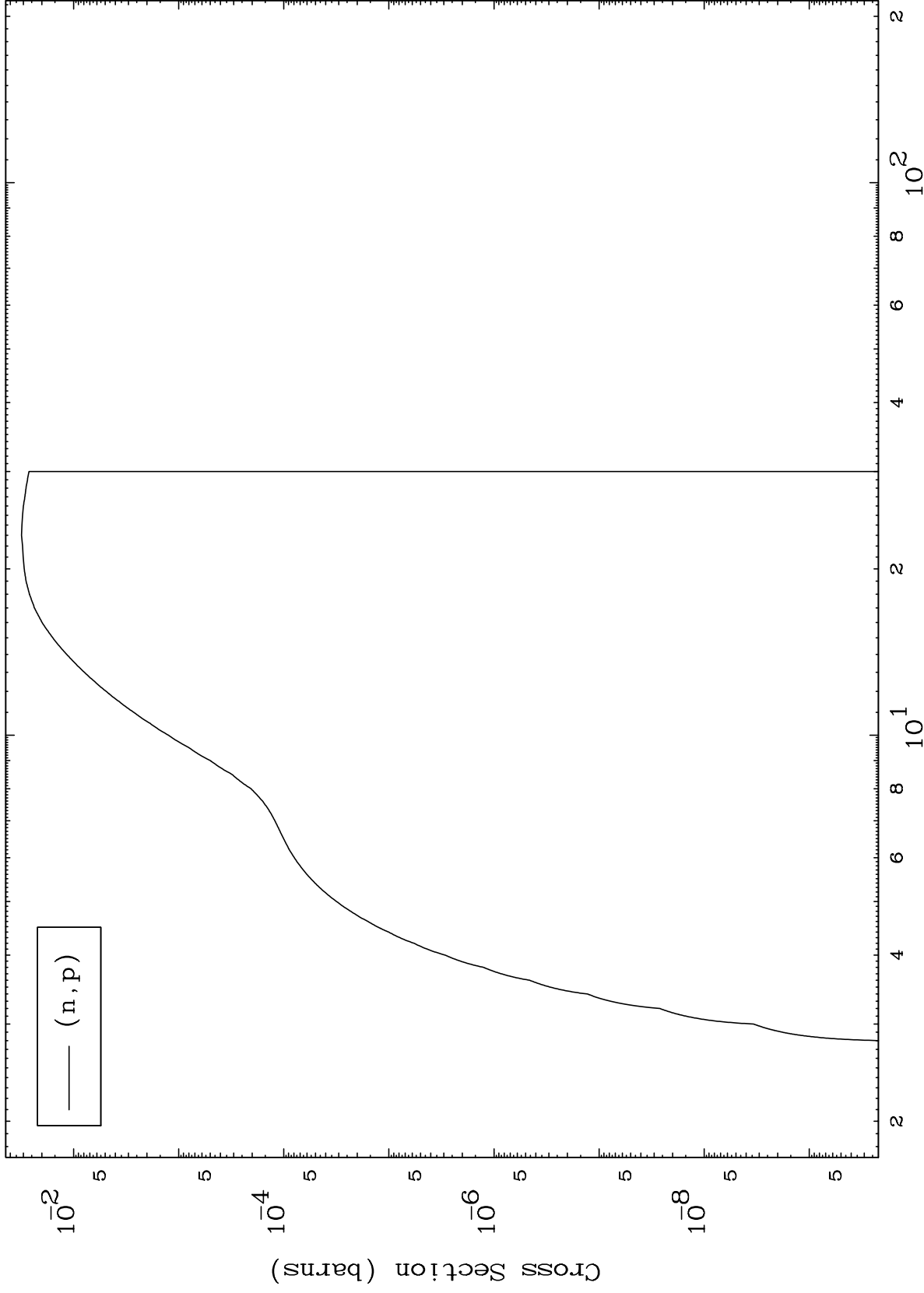
36-Kr-85m



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(n,p) Levels  
293 Kelvin Cross Sections

36-Kr-85m



10

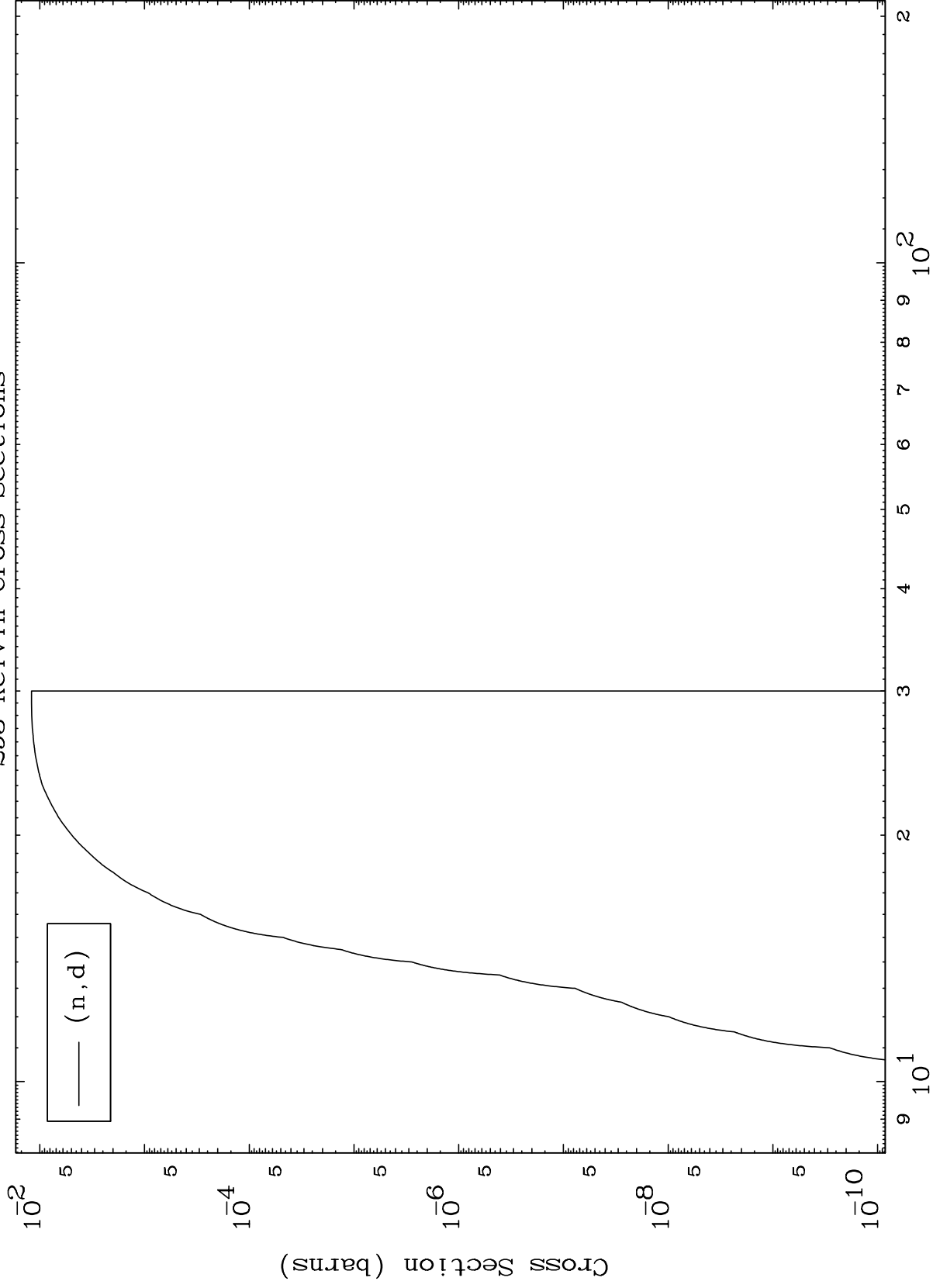
Incident Energy (MeV)

36-Kr-85m

MAT 3647

(n,d) Levels  
293 Kelvin Cross Sections

36-Kr-85m



11

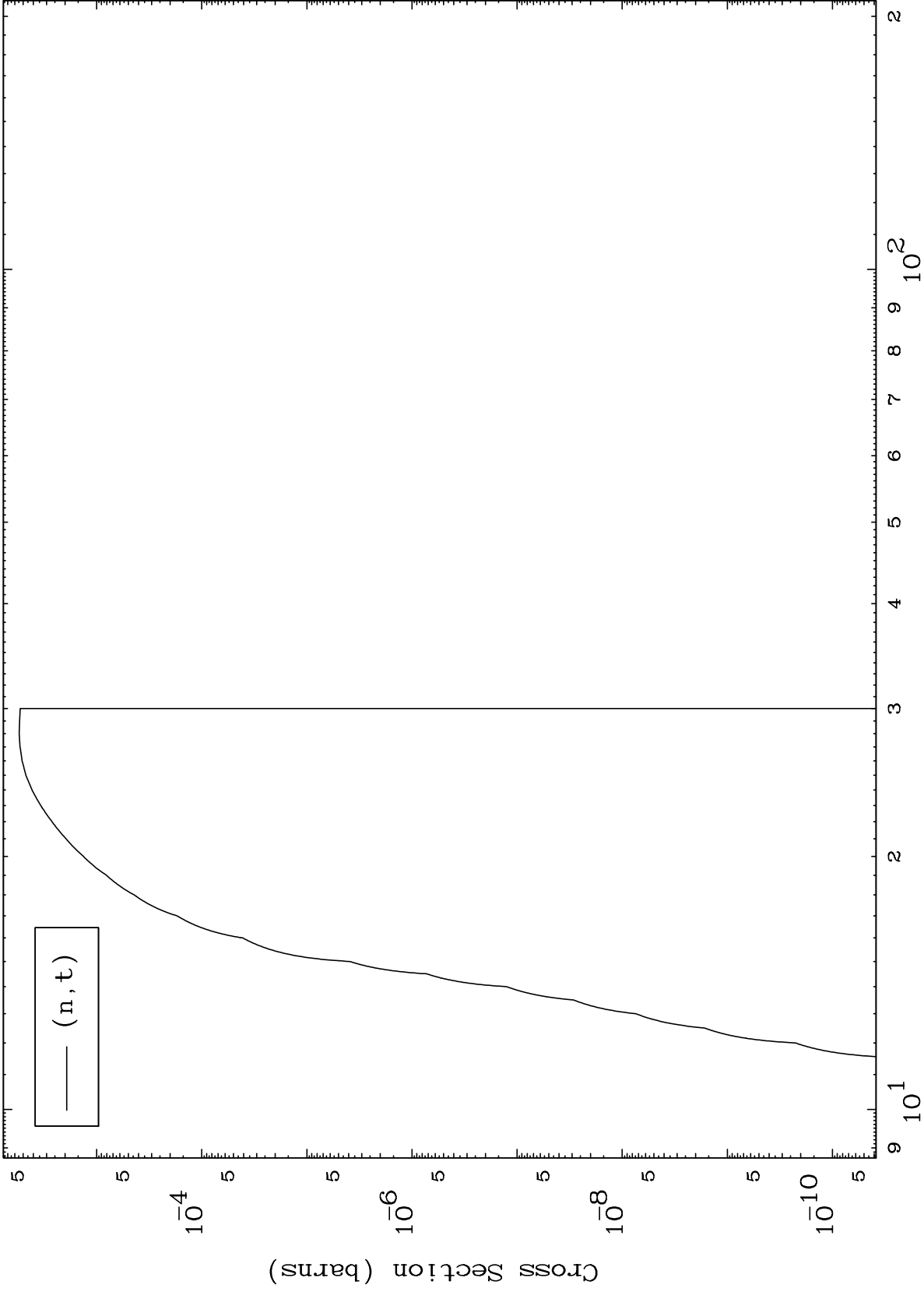
Incident Energy (MeV)

36-Kr-85m

MAT 3647

(n,t) Levels  
293 Kelvin Cross Sections

36-Kr-85m



Incident Energy (MeV)

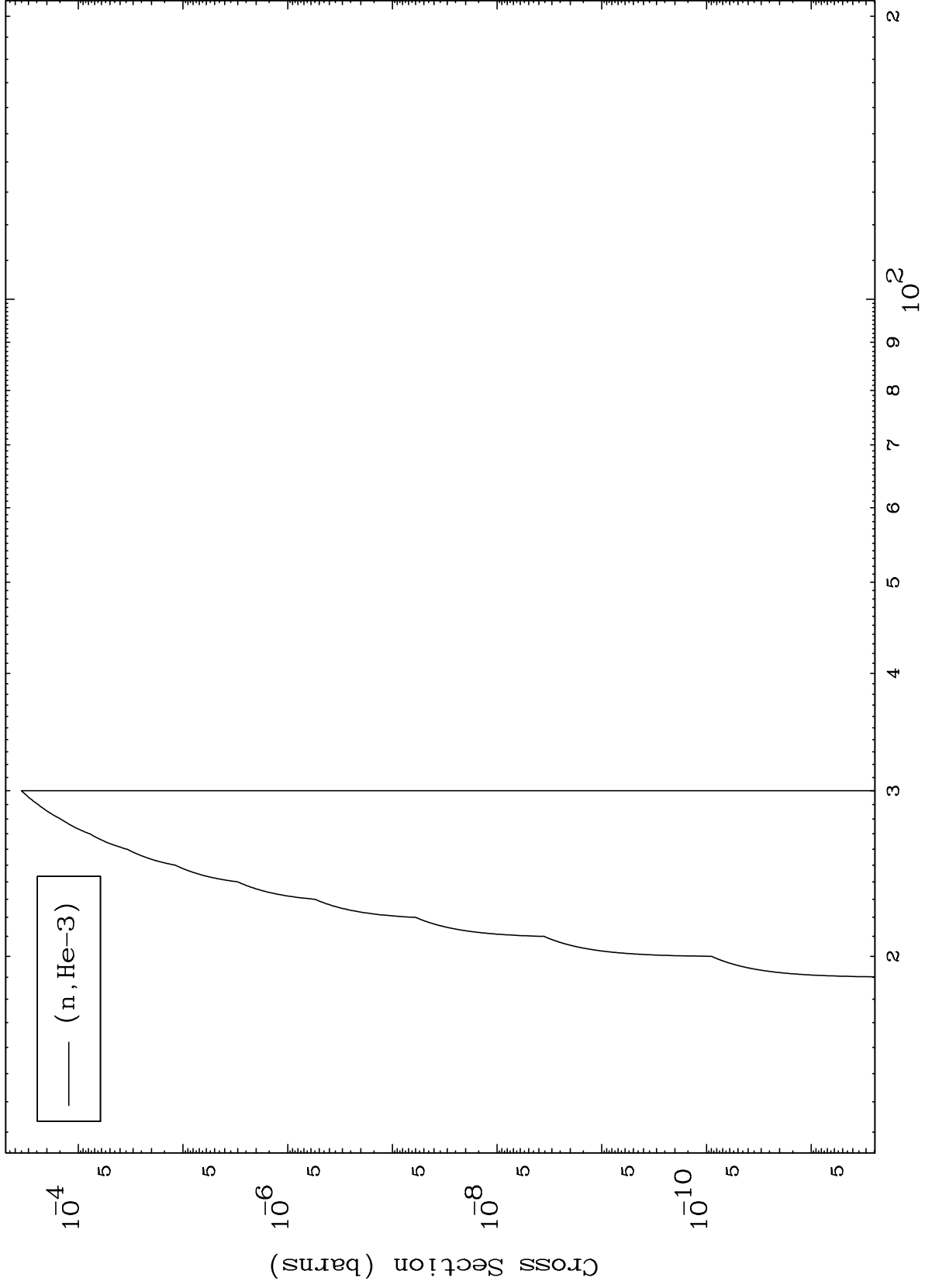
36-Kr-85m

12

MAT 3647

(n,He3) Levels  
293 Kelvin Cross Sections

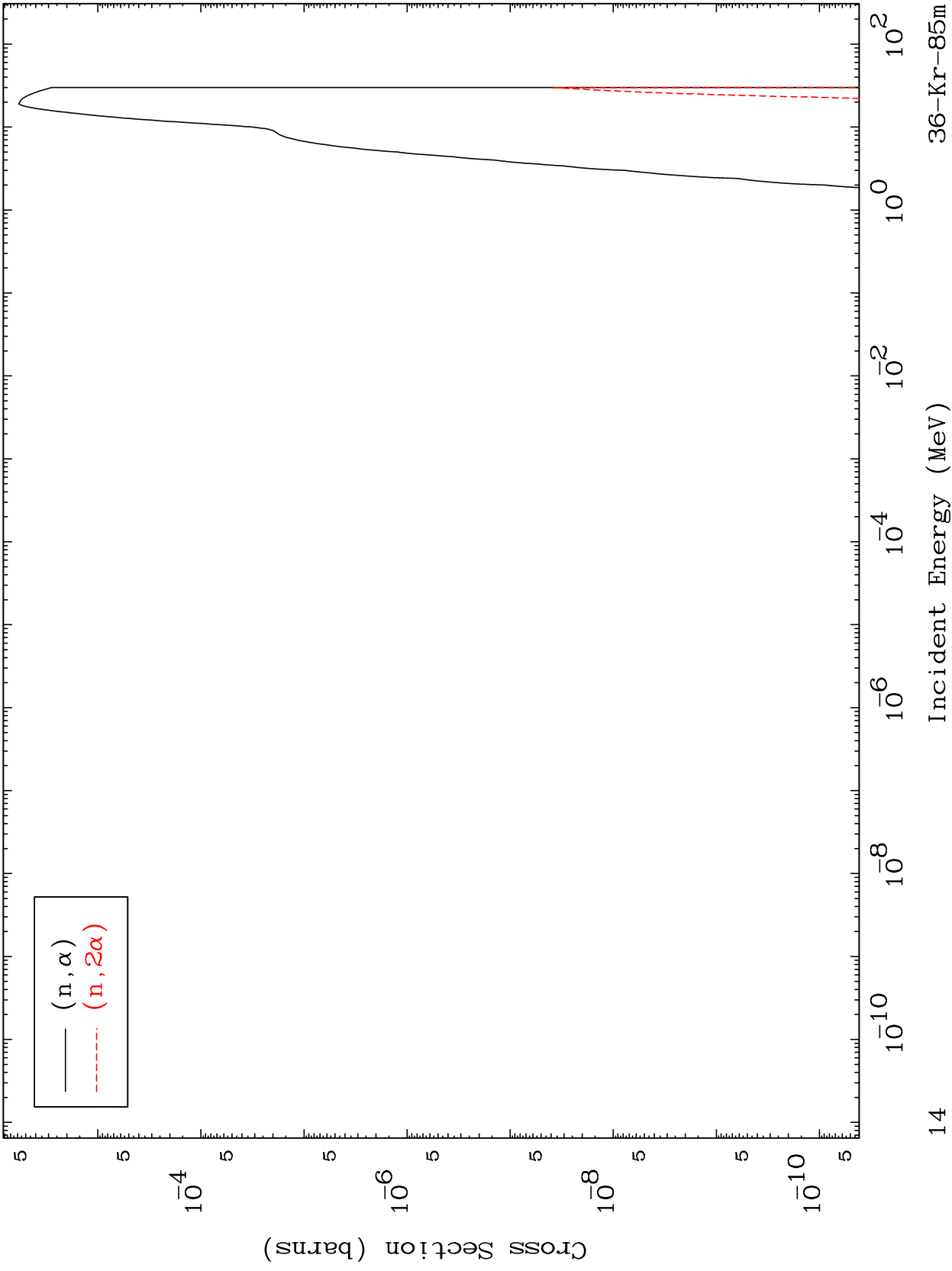
36-Kr-85m

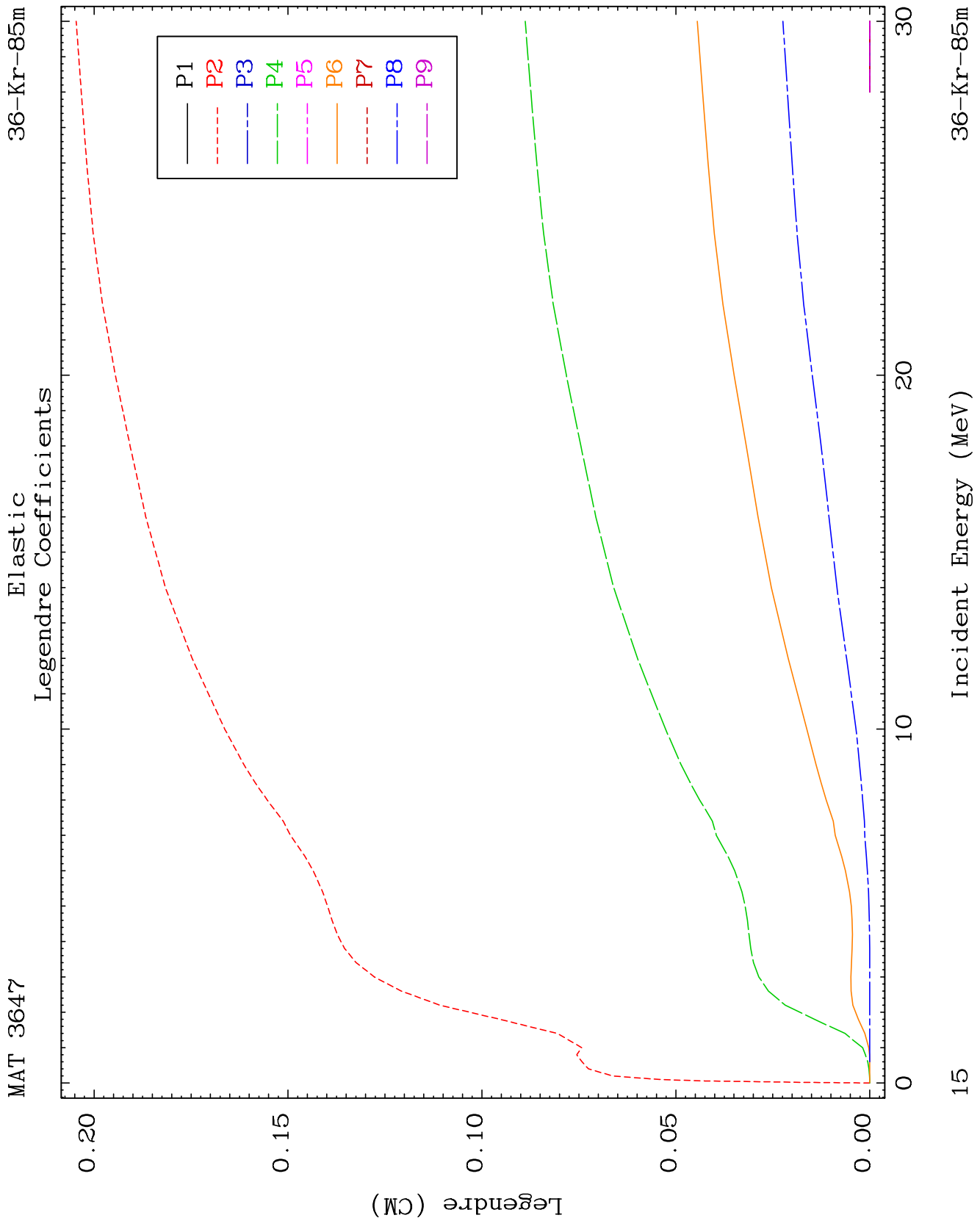


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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

36-Kr-85m



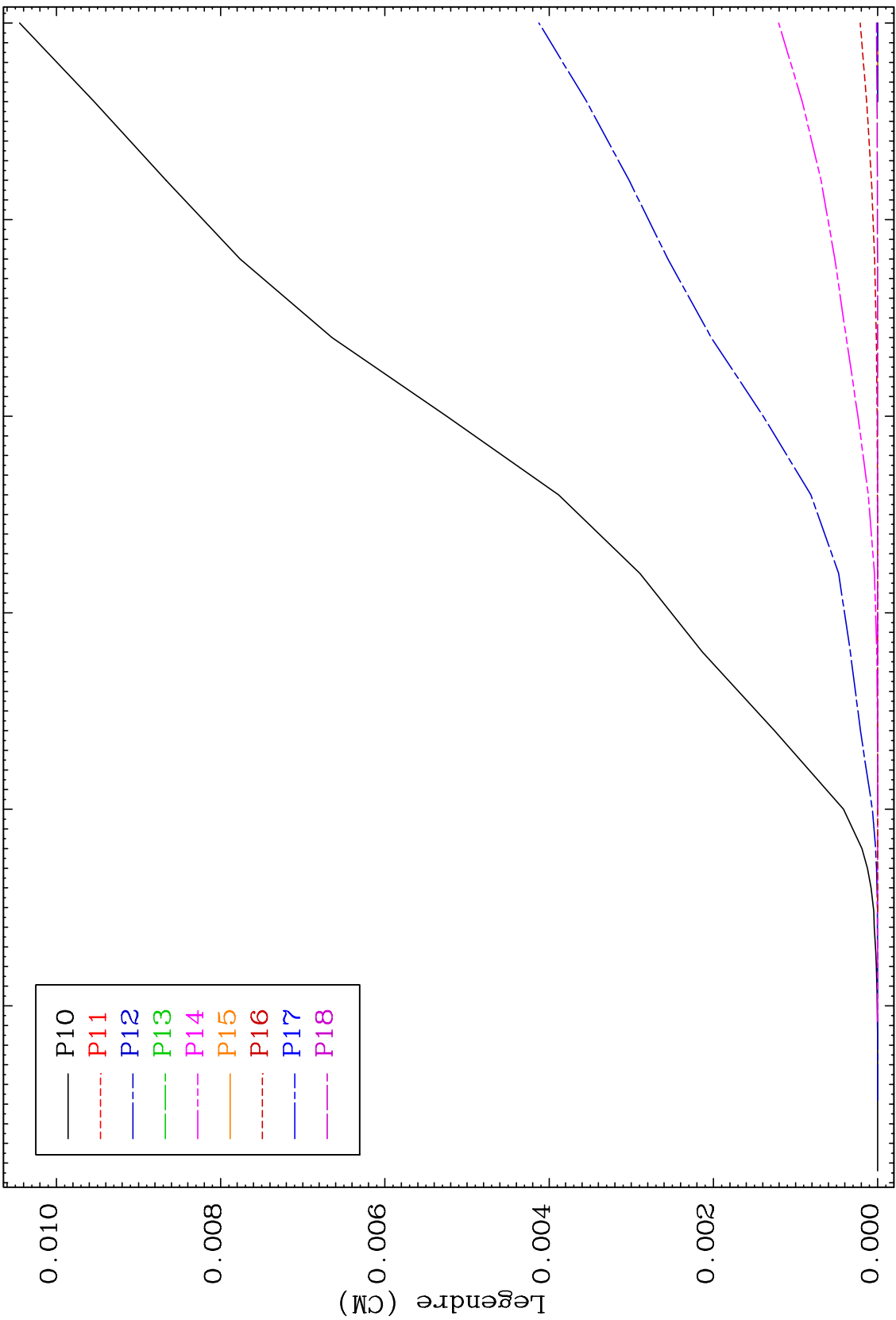




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Elastic Legendre Coefficients

<sup>36</sup>Kr-<sup>85</sup>m



16

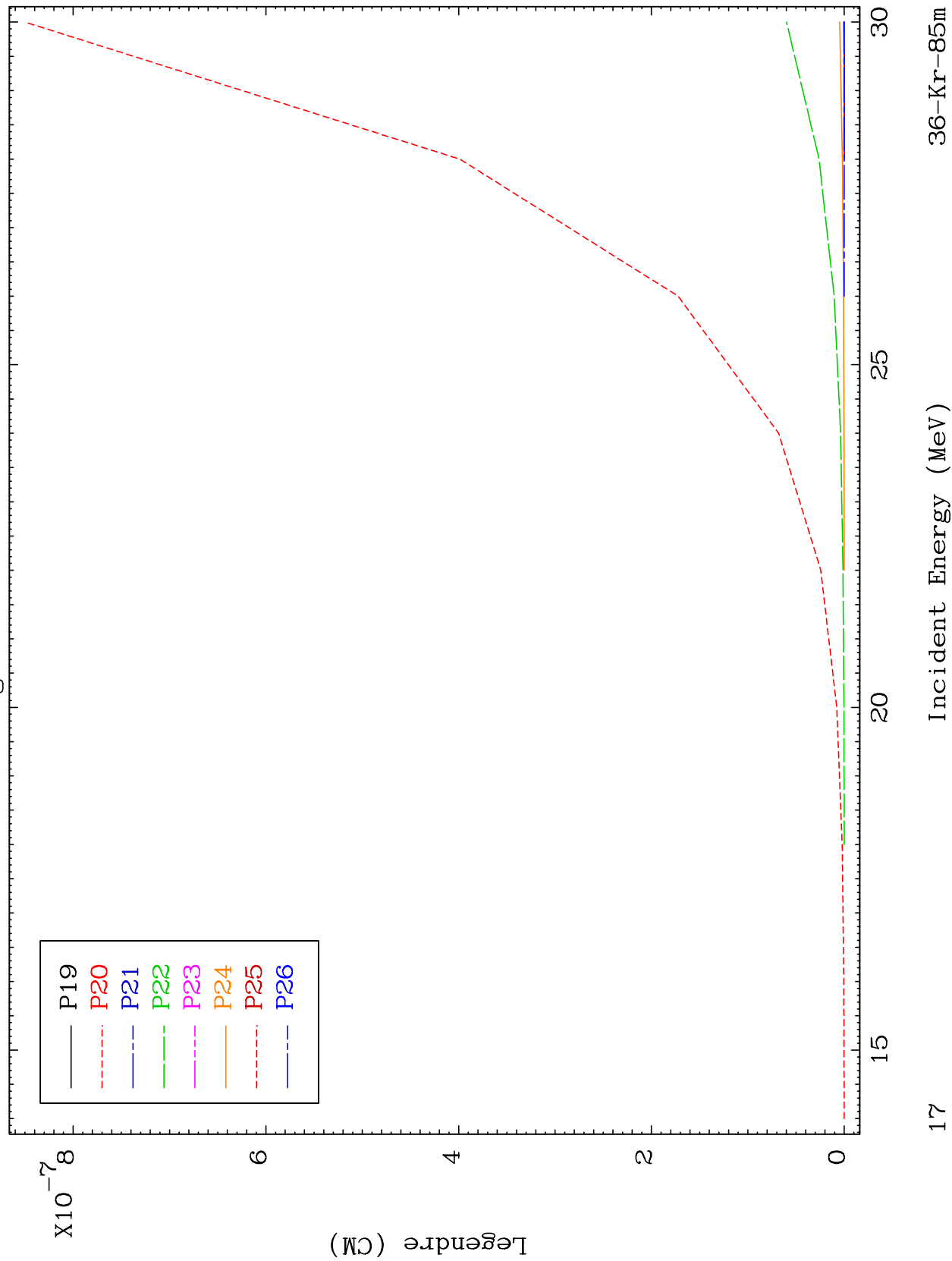
<sup>36</sup>Kr-<sup>85</sup>m

Incident Energy (MeV)

MAT 3647

### Elastic Legendre Coefficients

<sup>36</sup>Kr-85m



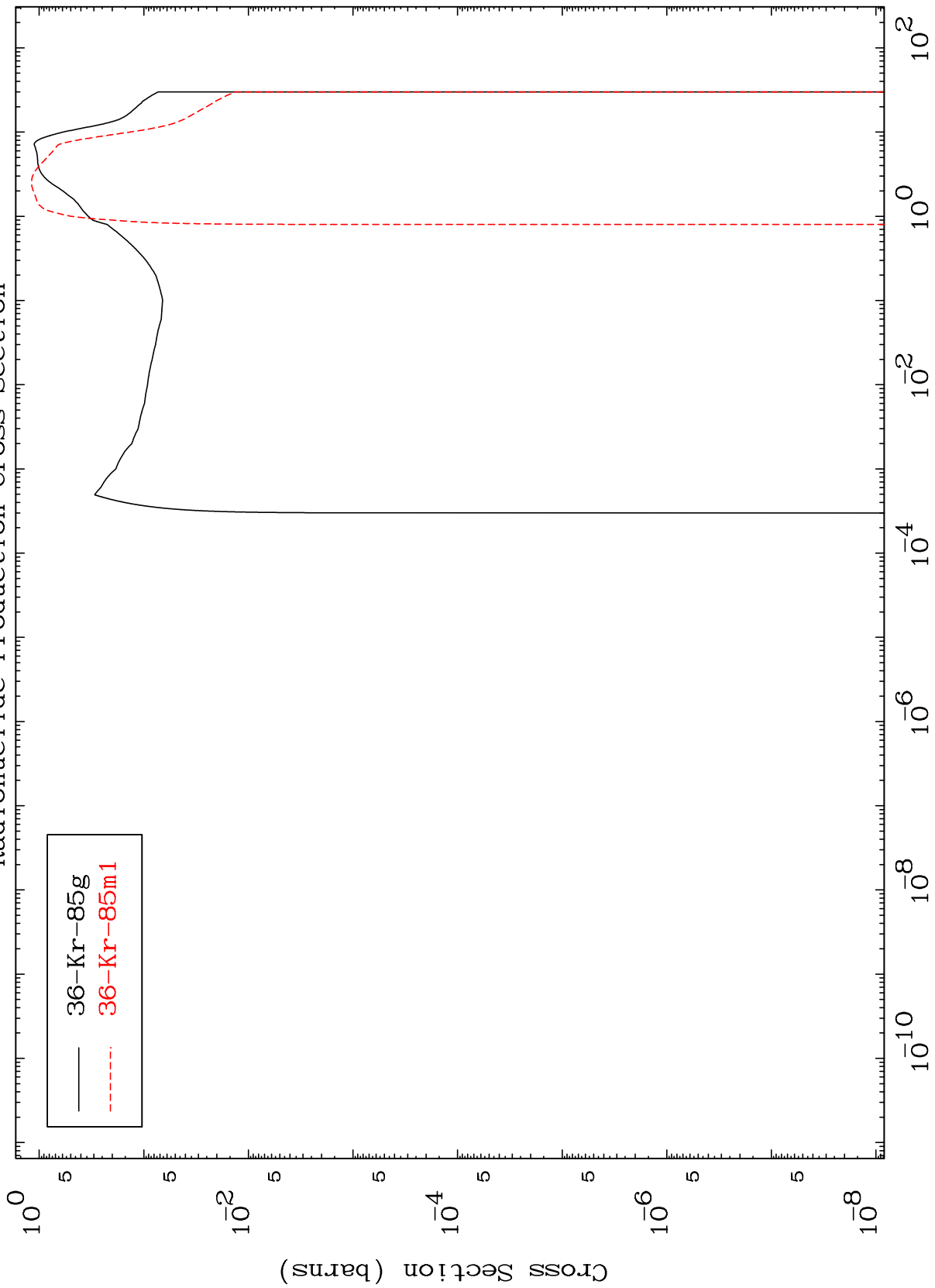
17

<sup>36</sup>Kr-85m

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Inelastic  
Radionuclide Production Cross Section

<sup>36</sup>Kr-85m



— 36-Kr-85g  
- - - 36-Kr-85m1

Incident Energy (MeV)

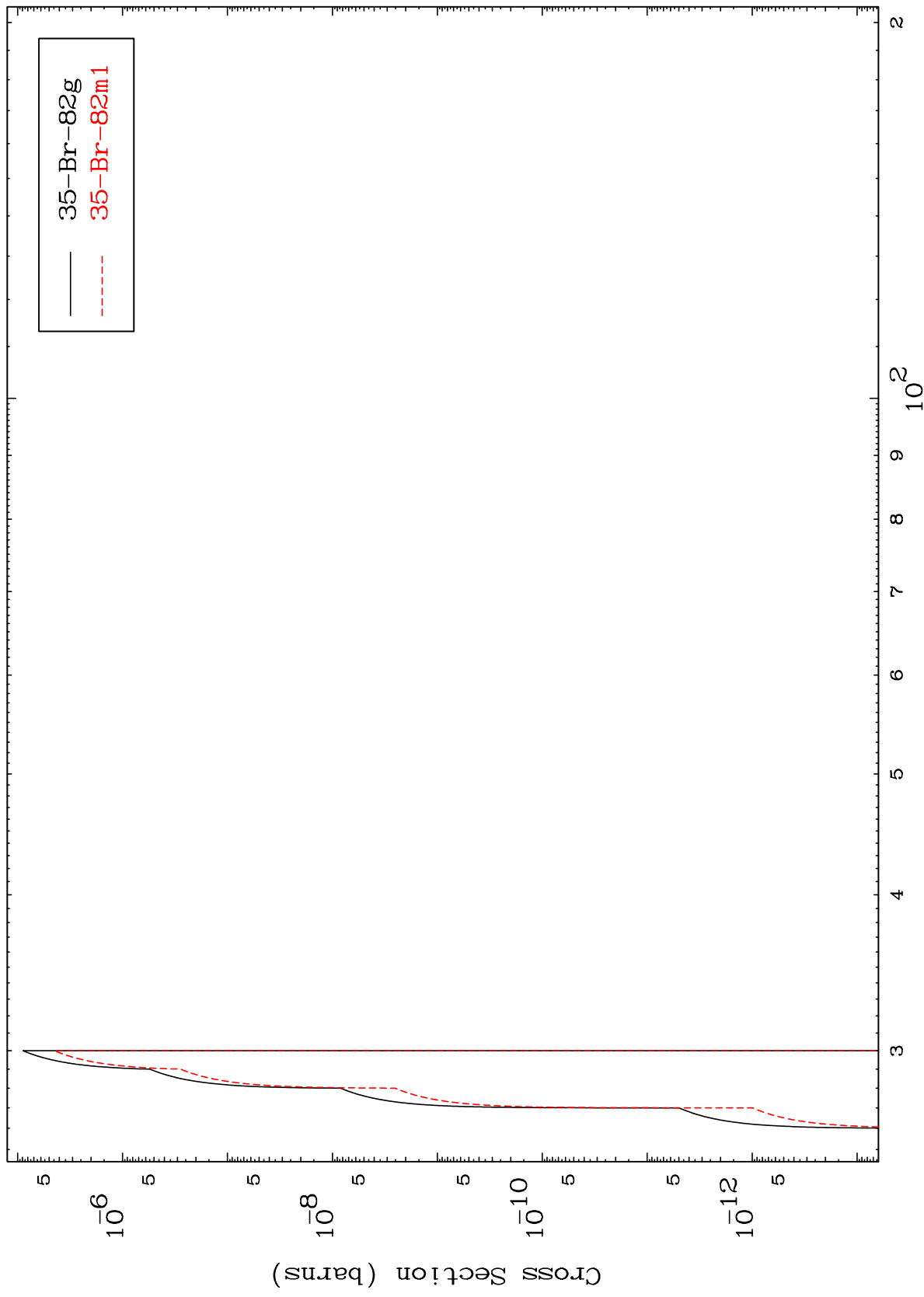
<sup>36</sup>Kr-85m

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(n,2n) d

36-Kr-85m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

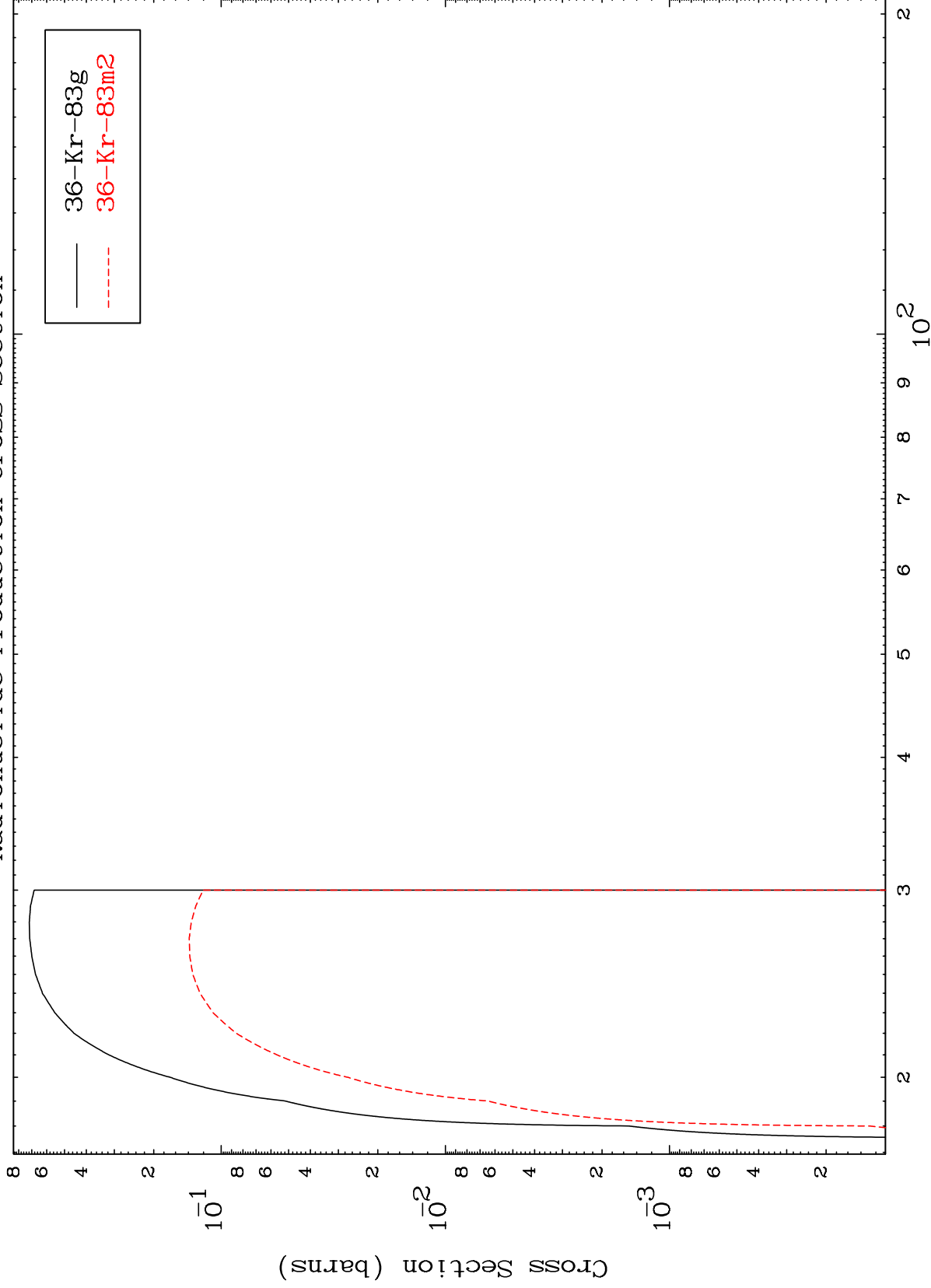
36-Kr-85m

MAT 3647

(n,3n)

36-Kr-85m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

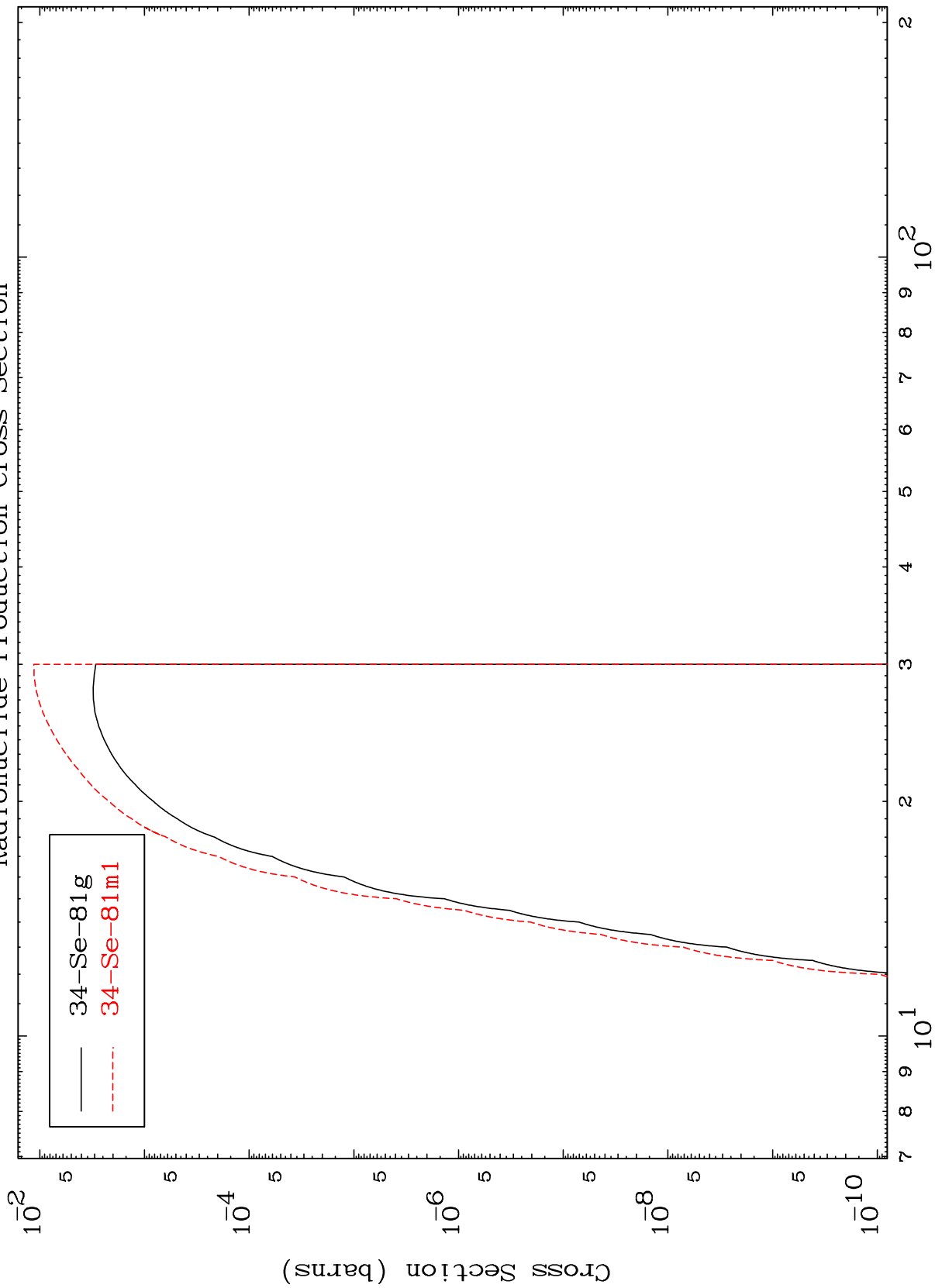
36-Kr-85m

MAT 3647

$(n, n') \alpha$

36-Kr-85m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

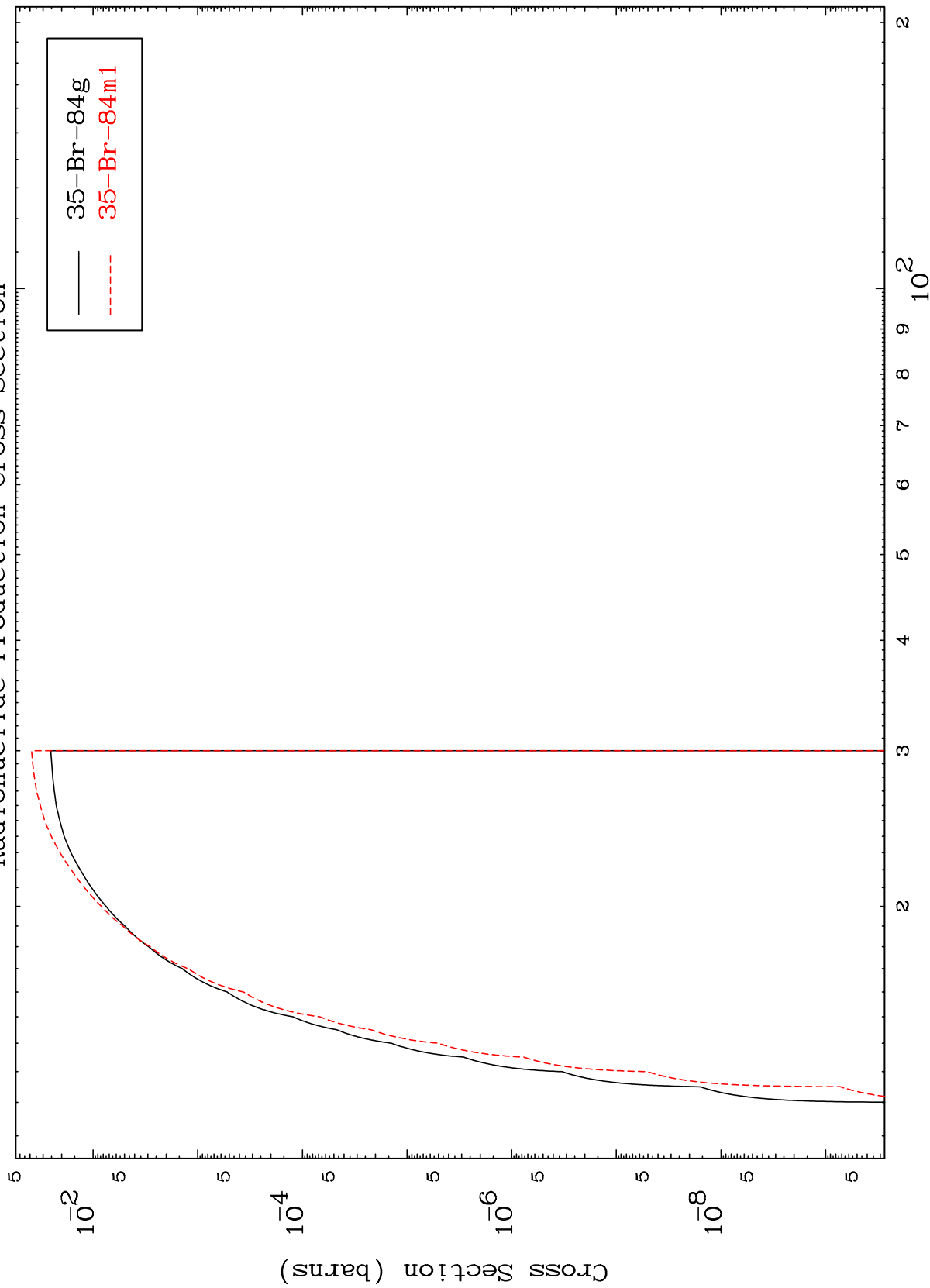
36-Kr-85m

MAT 3647

$(n, n')$  p

36-Kr-85m

Radionuclide Production Cross Section



Incident Energy (MeV)

36-Kr-85m

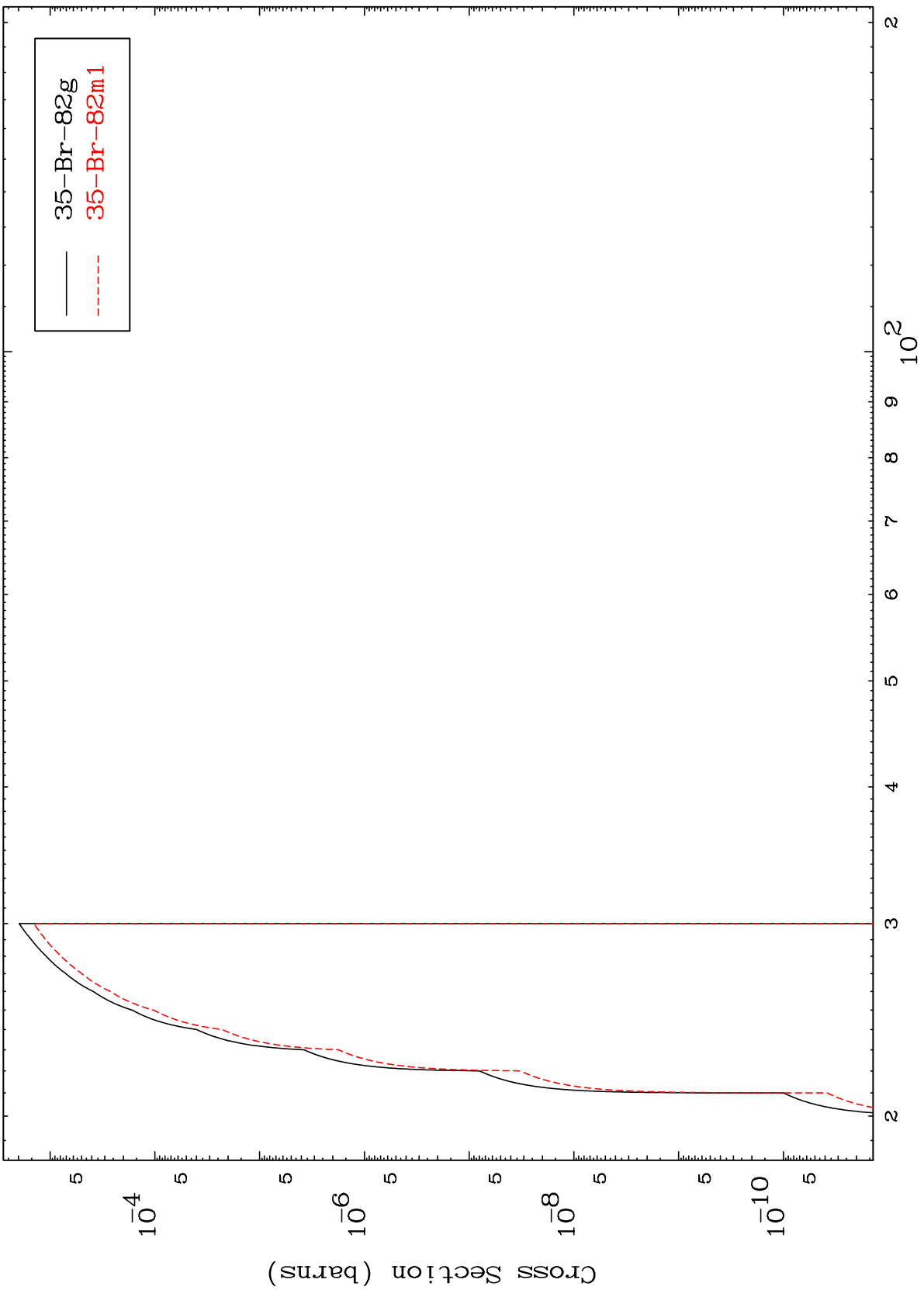
22

MAT 3647

(n,n') t

<sup>36</sup>Kr-85m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

<sup>36</sup>Kr-85m

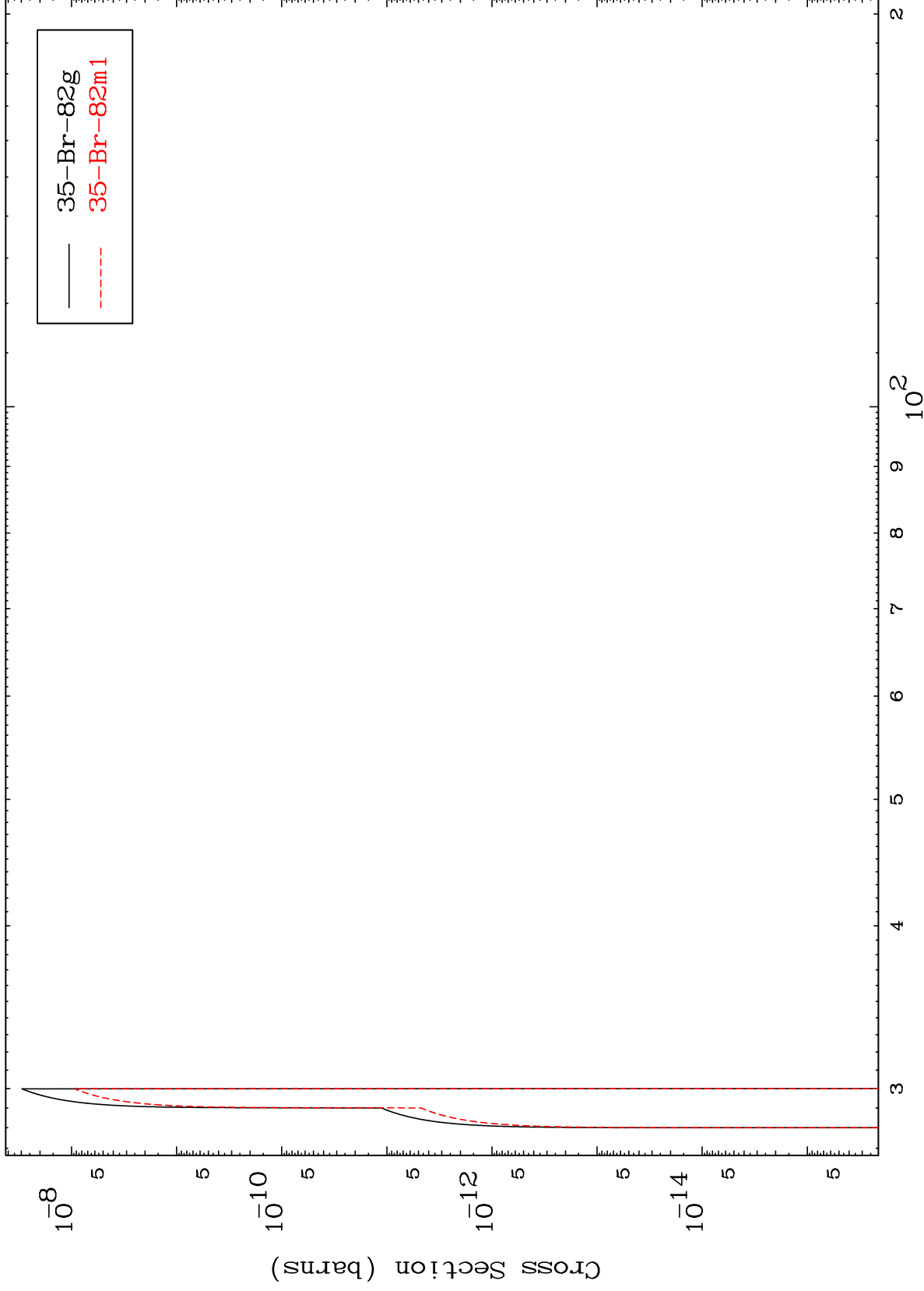


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(n,3n) p

36-Kr-85m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

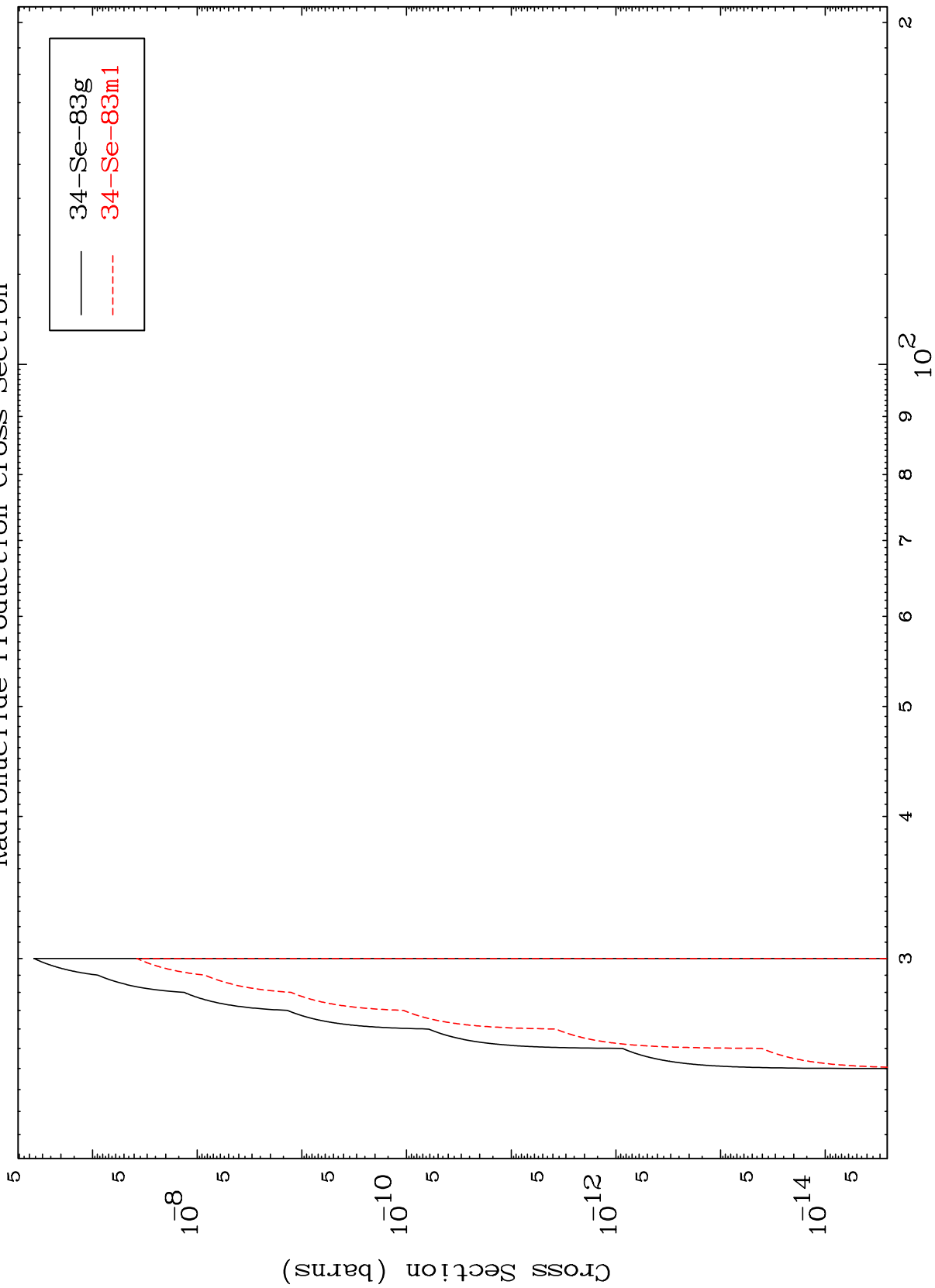
36-Kr-85m

MAT 3647

(n,2n) p

<sup>36</sup>Kr-85m

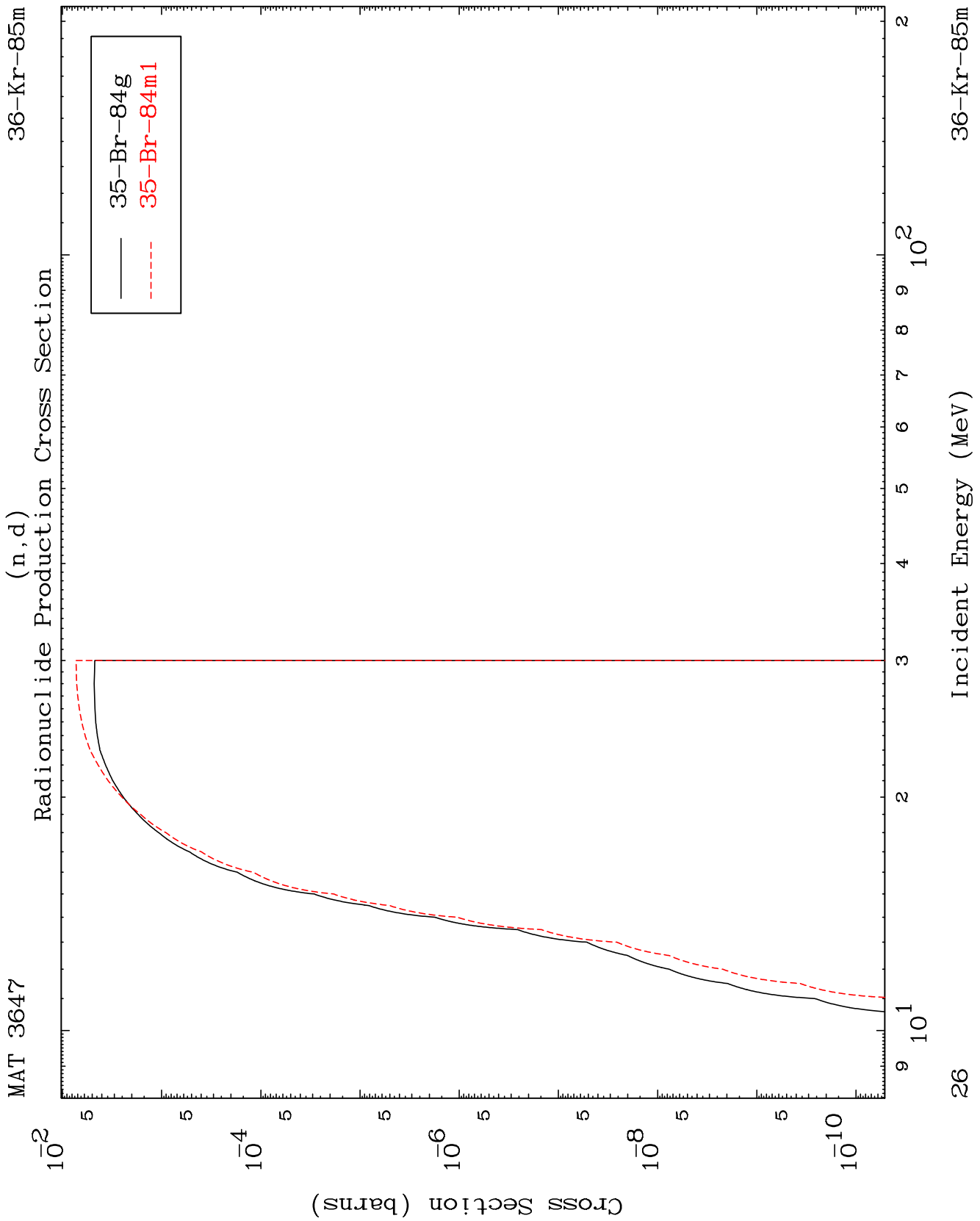
Radionuclide Production Cross Section



25

Incident Energy (MeV)

<sup>36</sup>Kr-85m

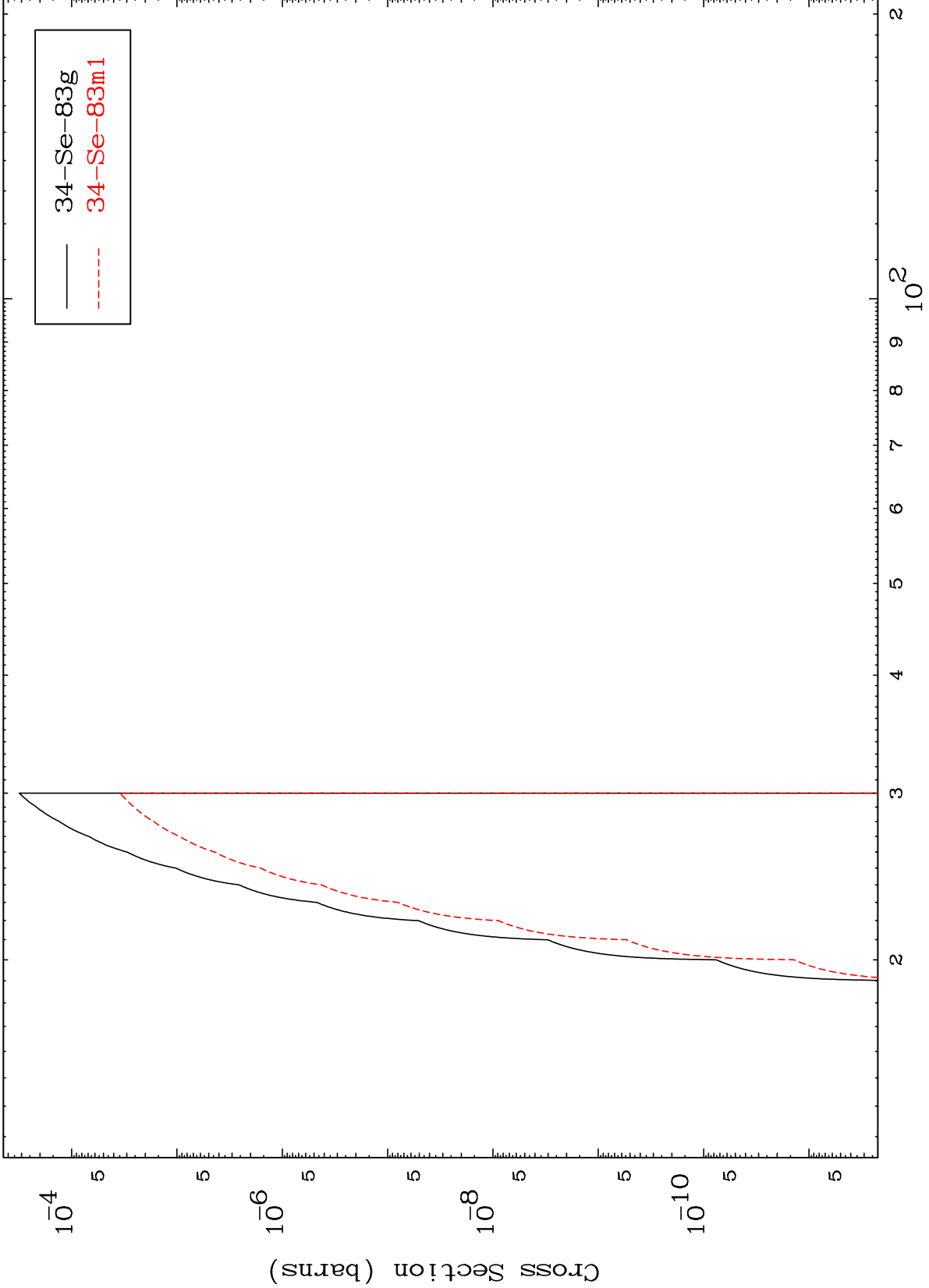


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(n,He-3)

36-Kr-85m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

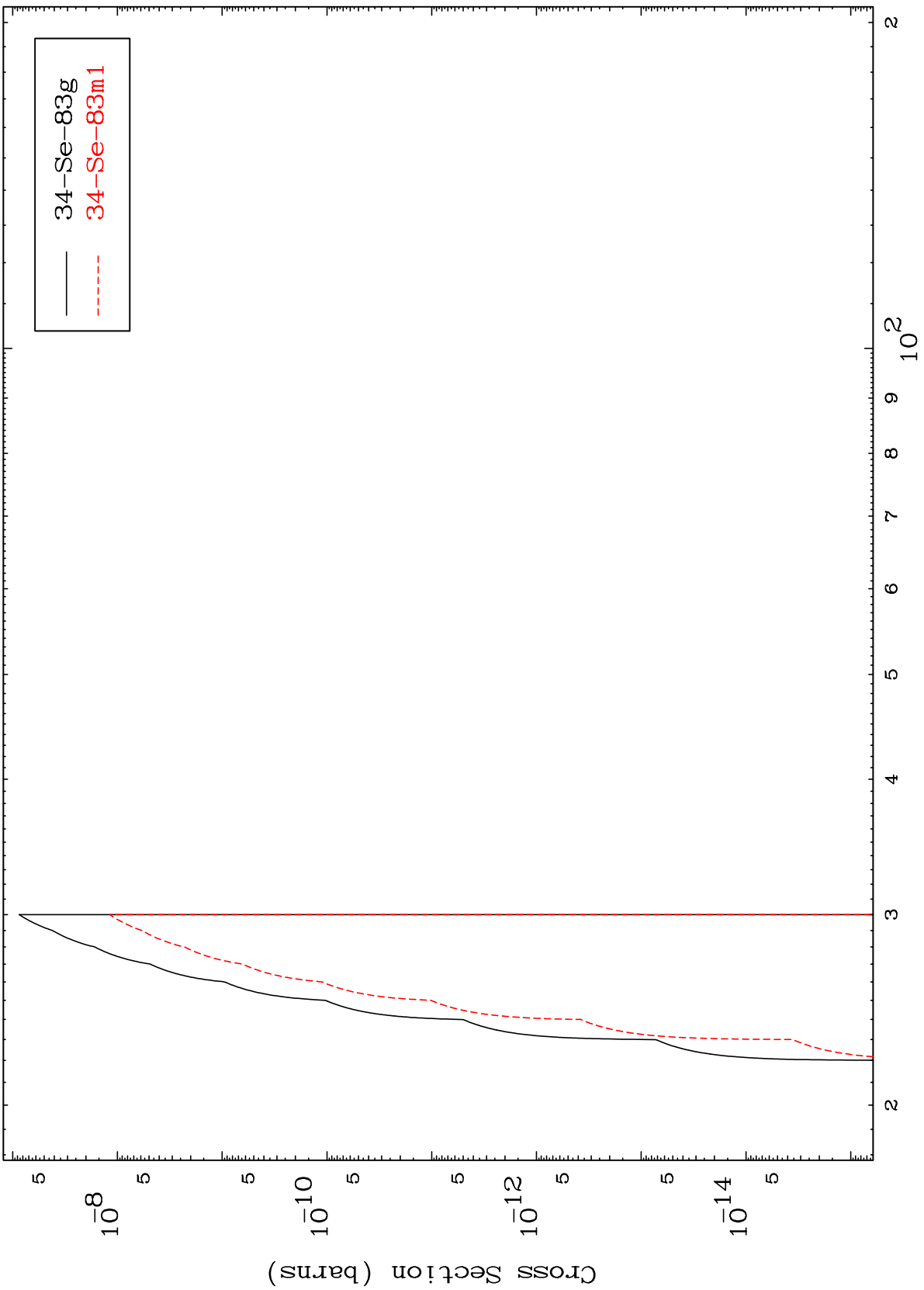
36-Kr-85m

MAT 3647

(n,p) d

36-Kr-85m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

36-Kr-85m