

Program EVALPLOT  
(Version 2021-1)

by

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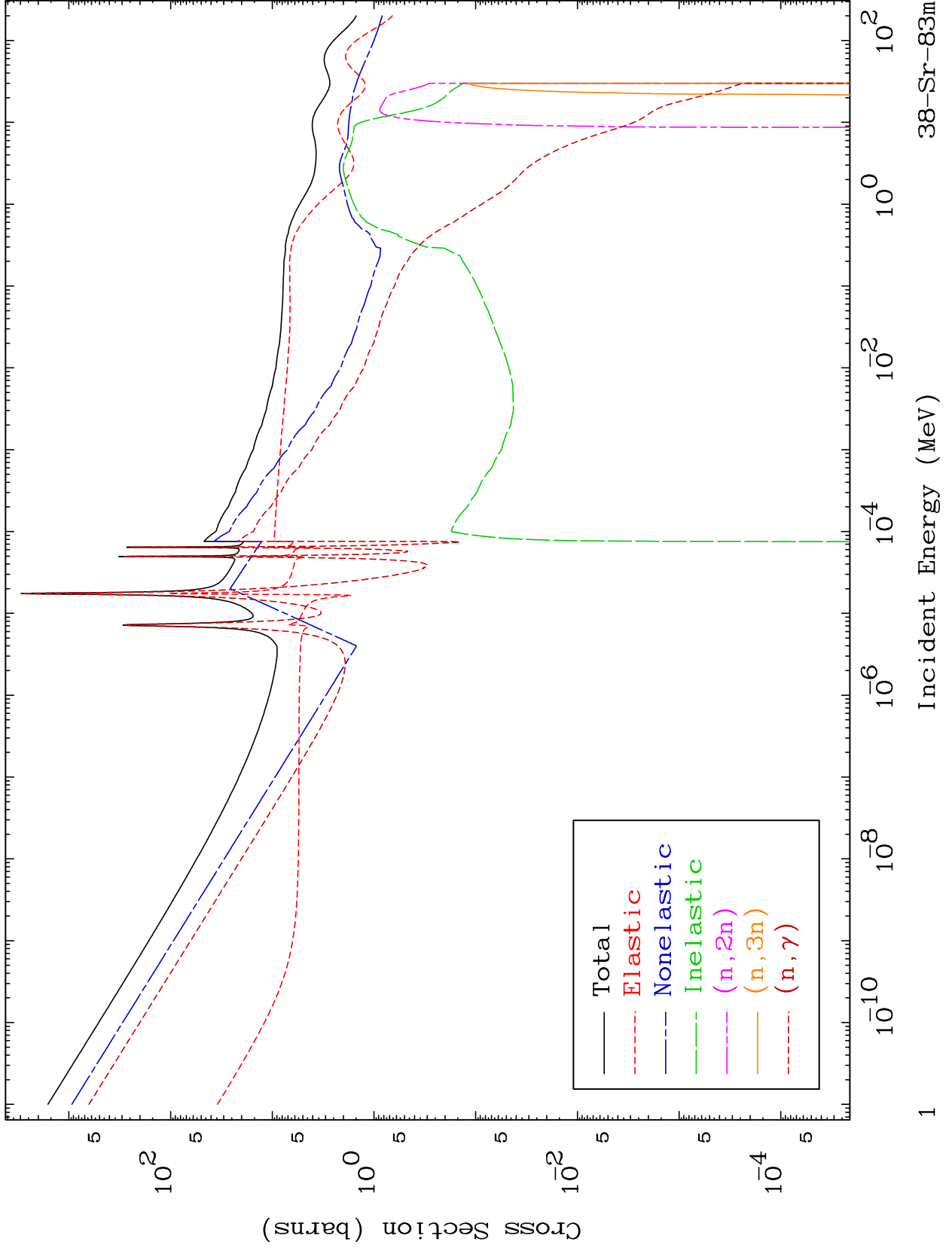
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3823

Neutron Major  
293 Kelvin Cross Sections

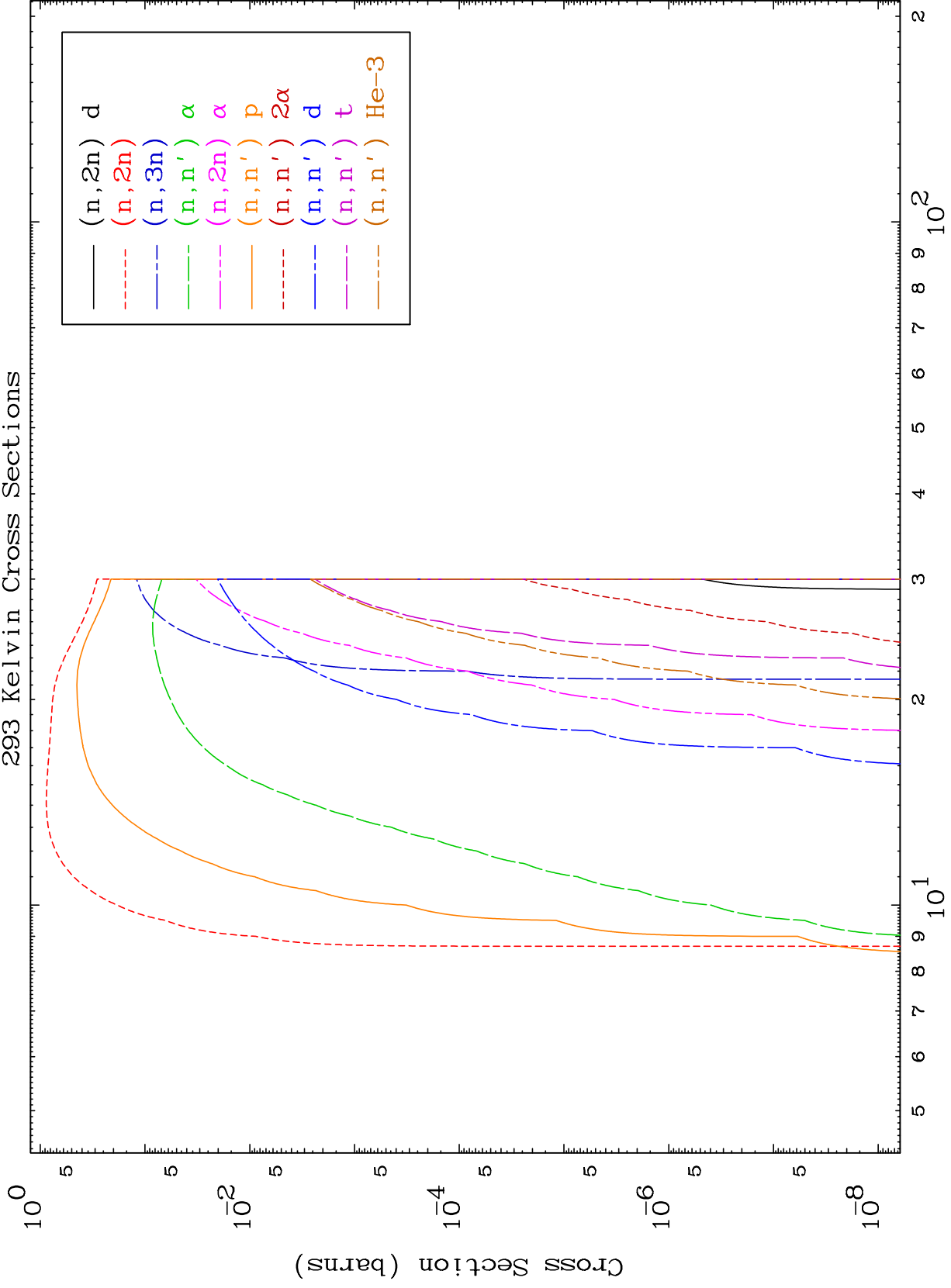
38-Sr-83m



MAT 3823

Neutron Absorption  
293 Kelvin Cross Sections

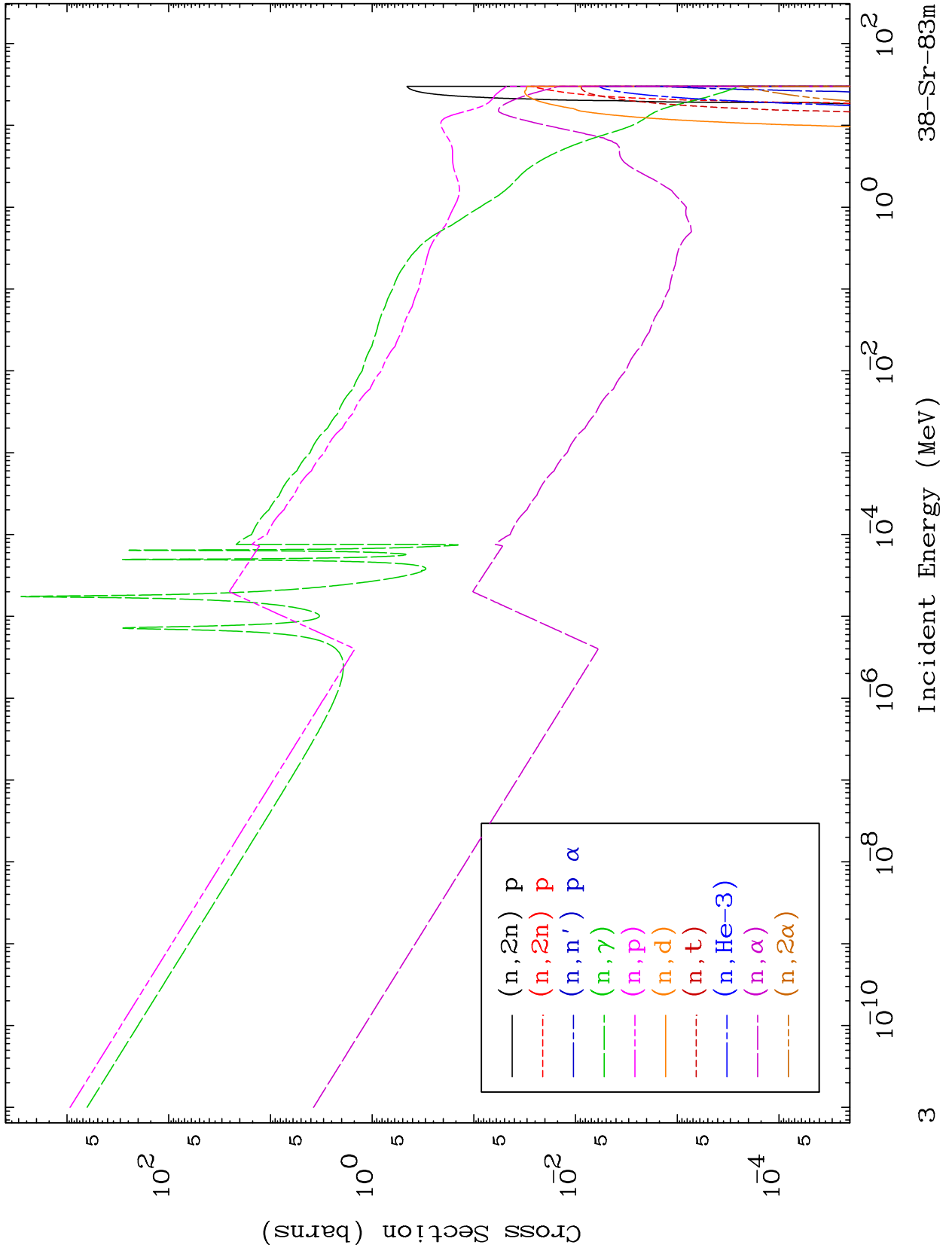
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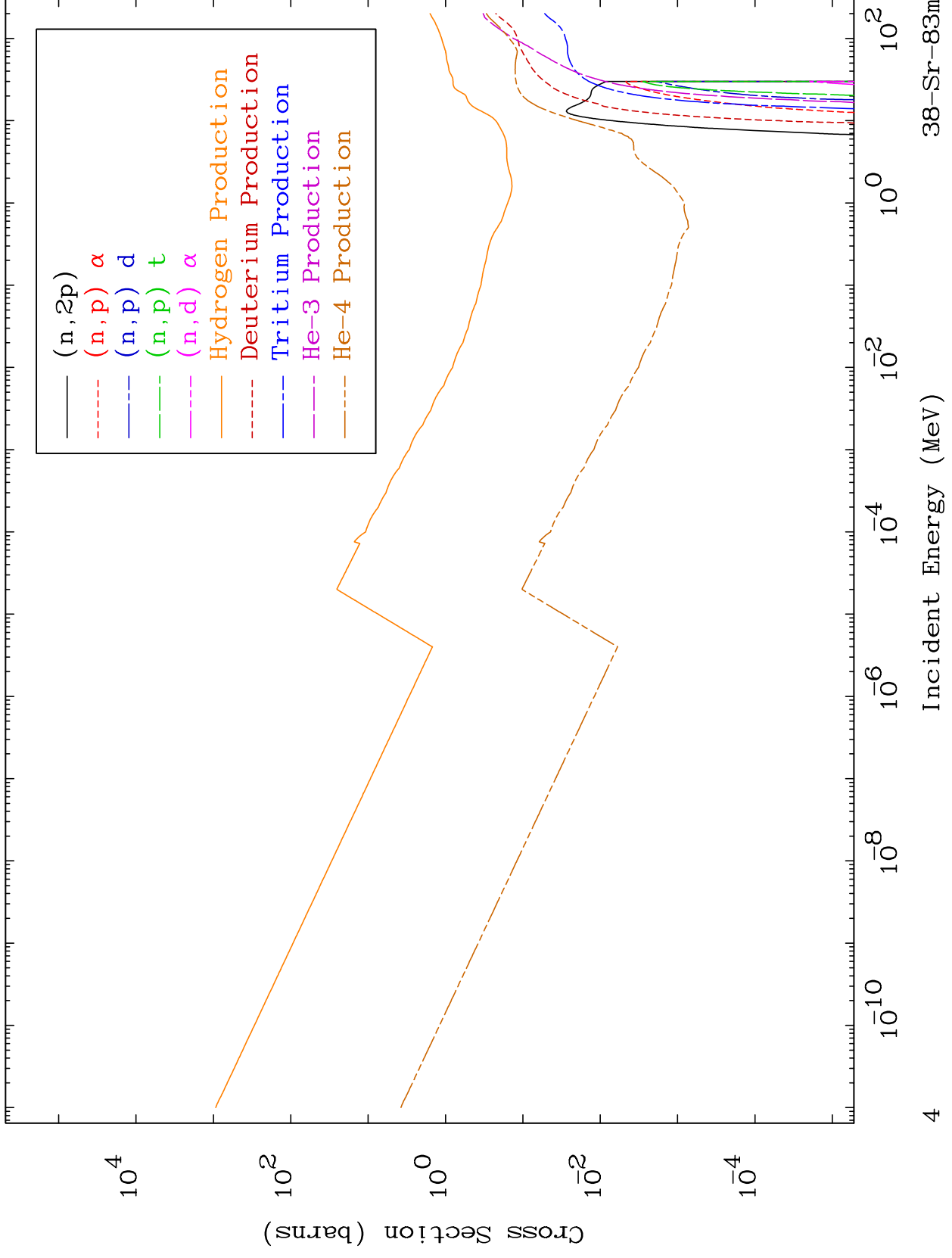


MAT 3823

Neutron Absorption  
293 Kelvin Cross Sections

38-Sr-83m

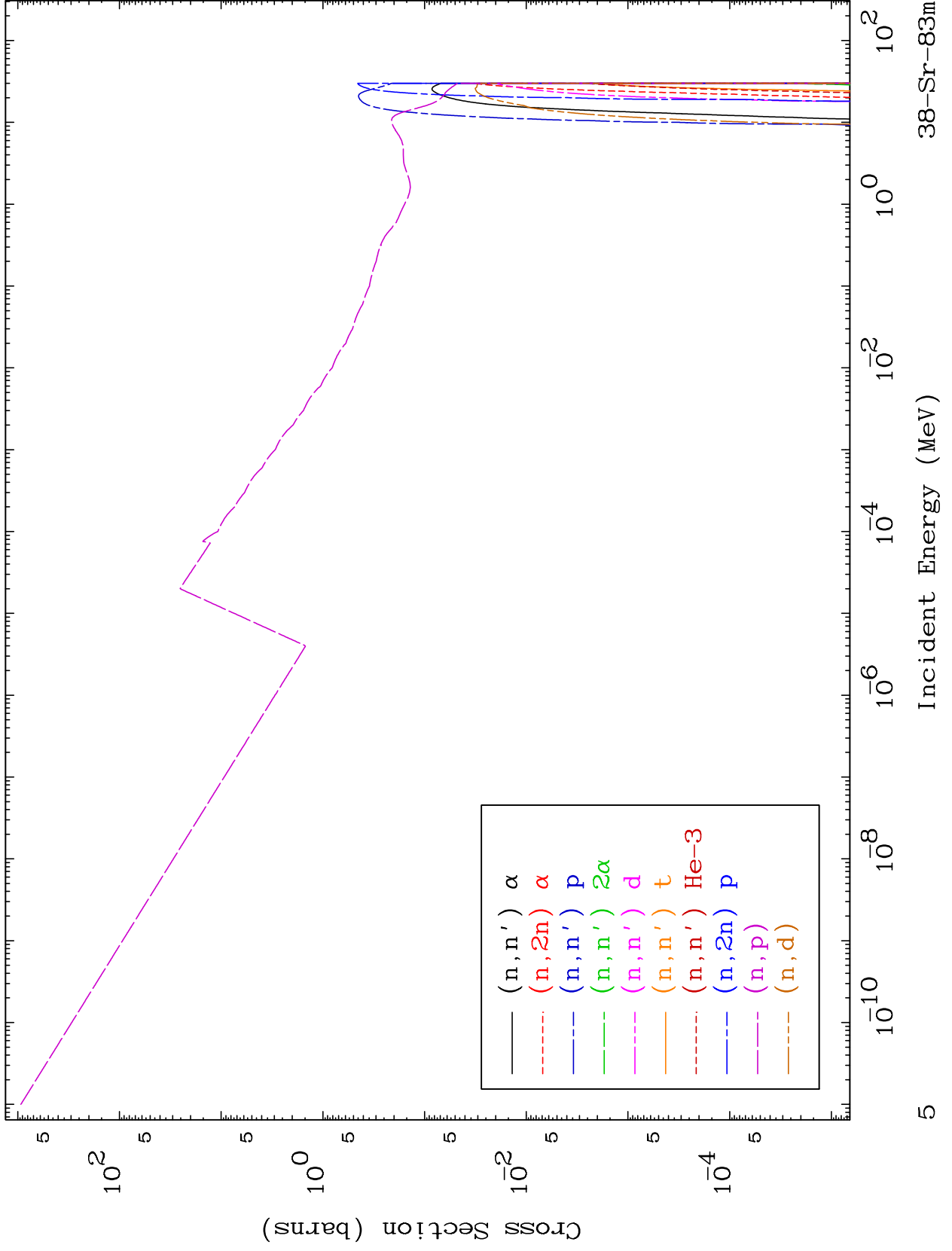




MAT 3823

Charged Particle  
293 Kelvin Cross Sections

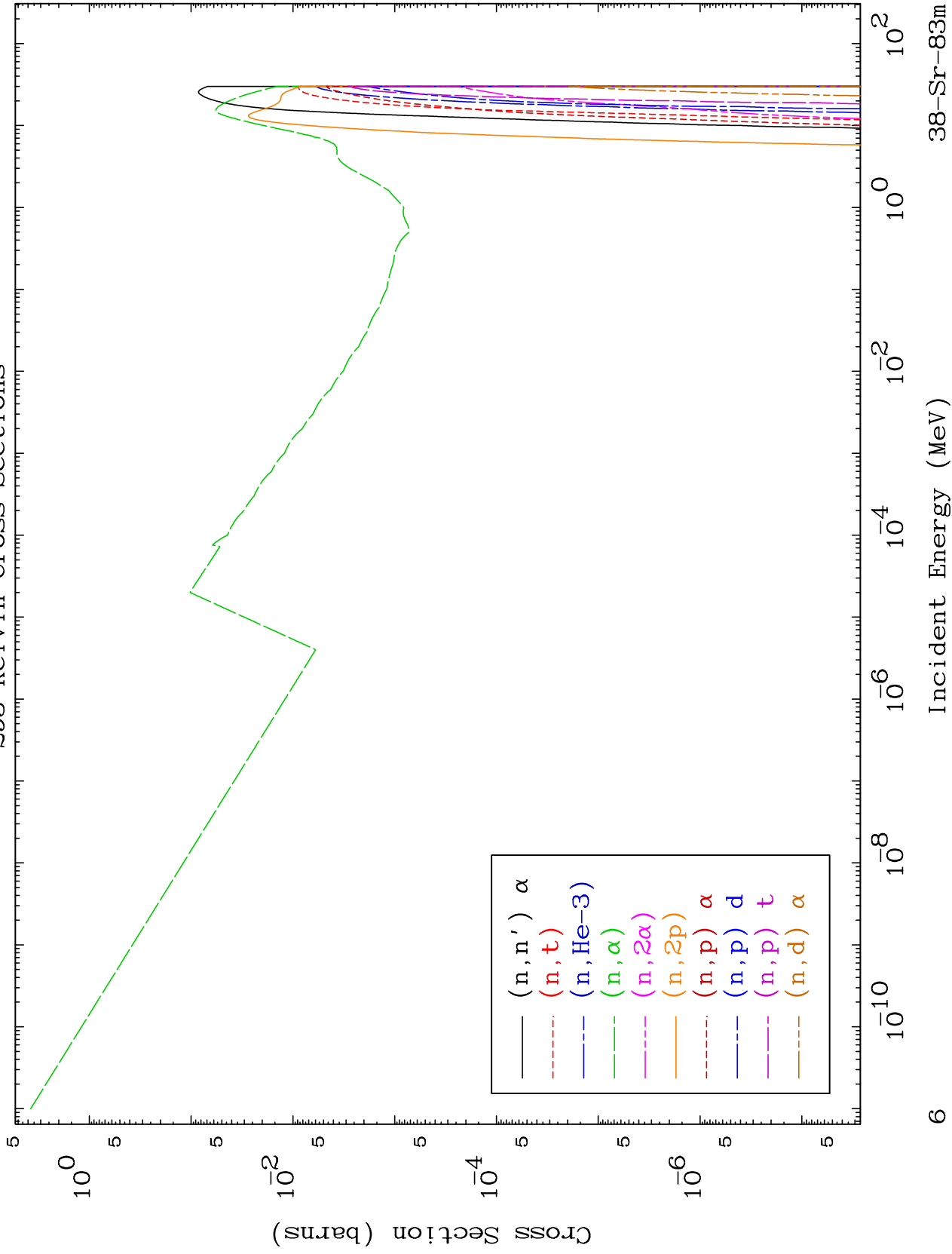
38-Sr-83m



MAT 3823

Charged Particle  
293 Kelvin Cross Sections

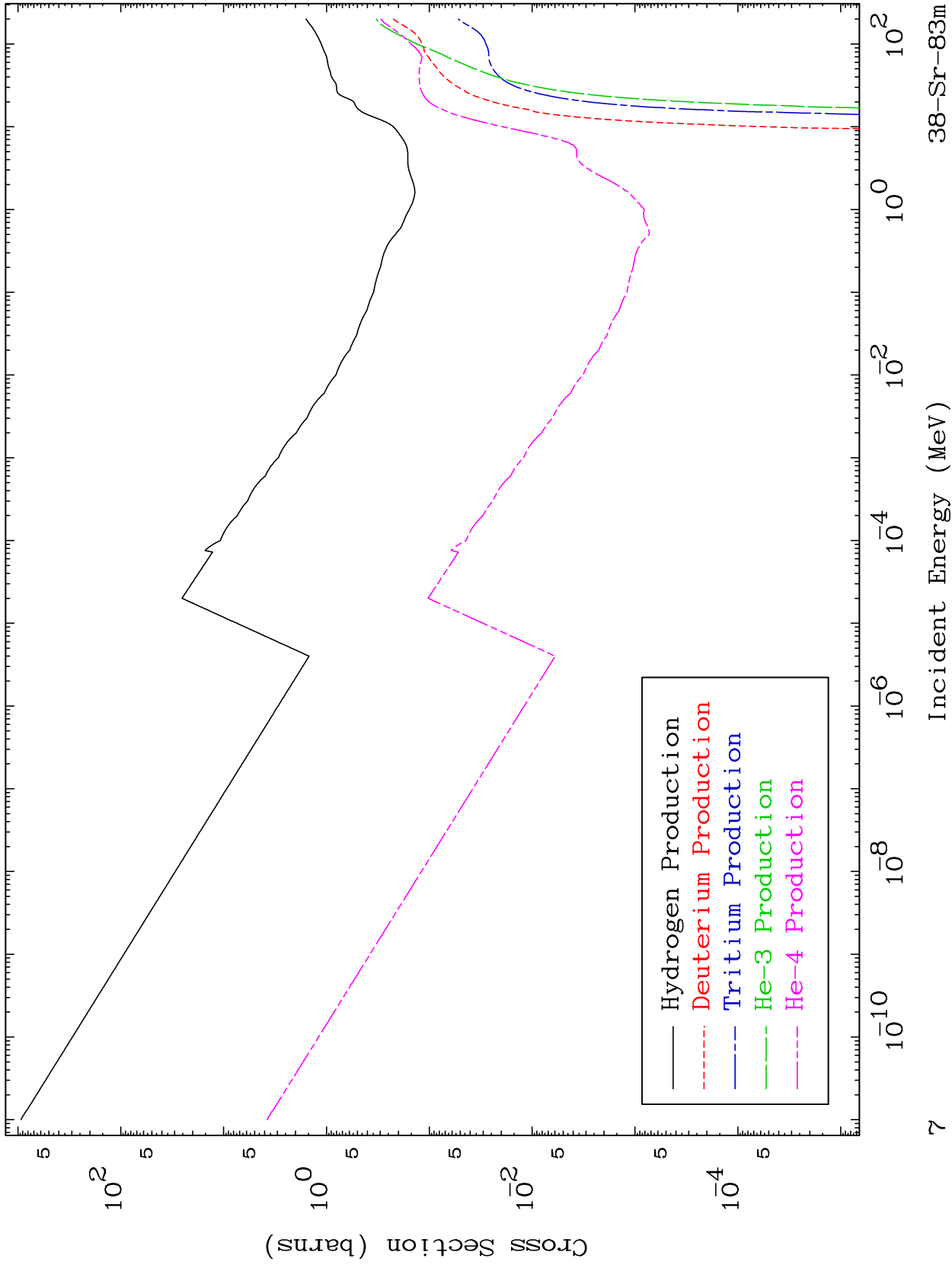
38-Sr-83m



MAT 3823

Particle Production  
293 Kelvin Cross Sections

38-Sr-83m

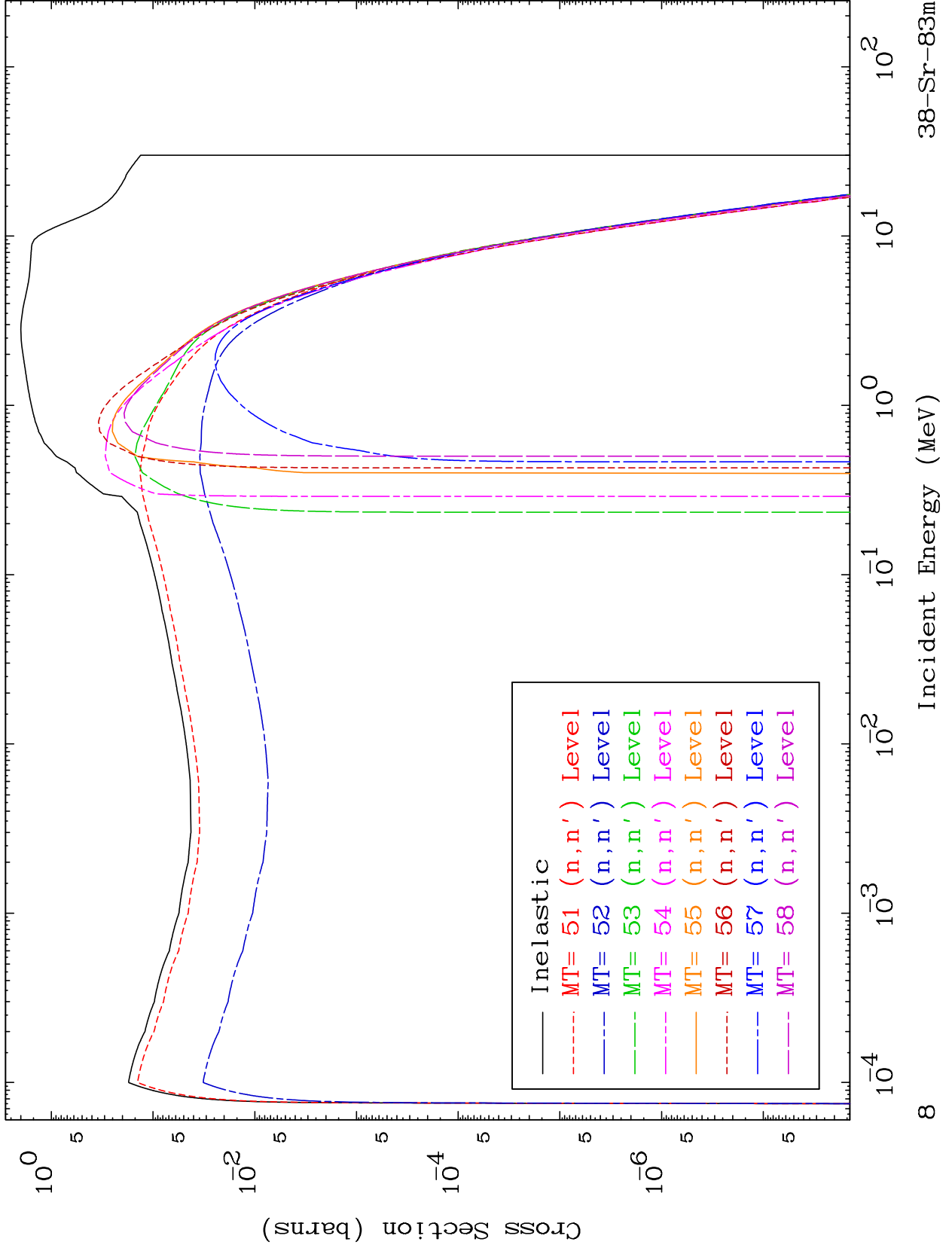




MAT 3823

(n,n') Levels  
293 Kelvin Cross Sections

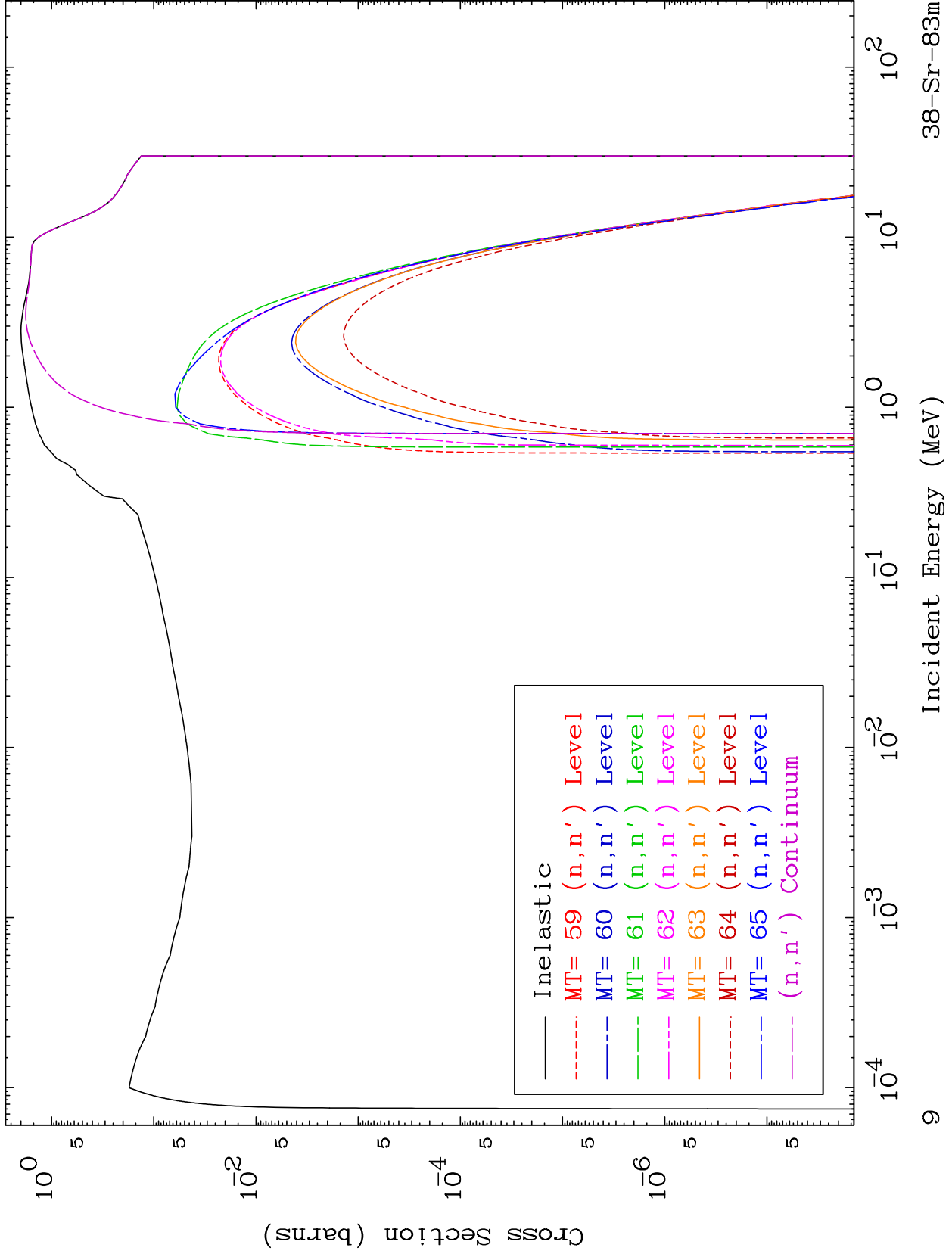
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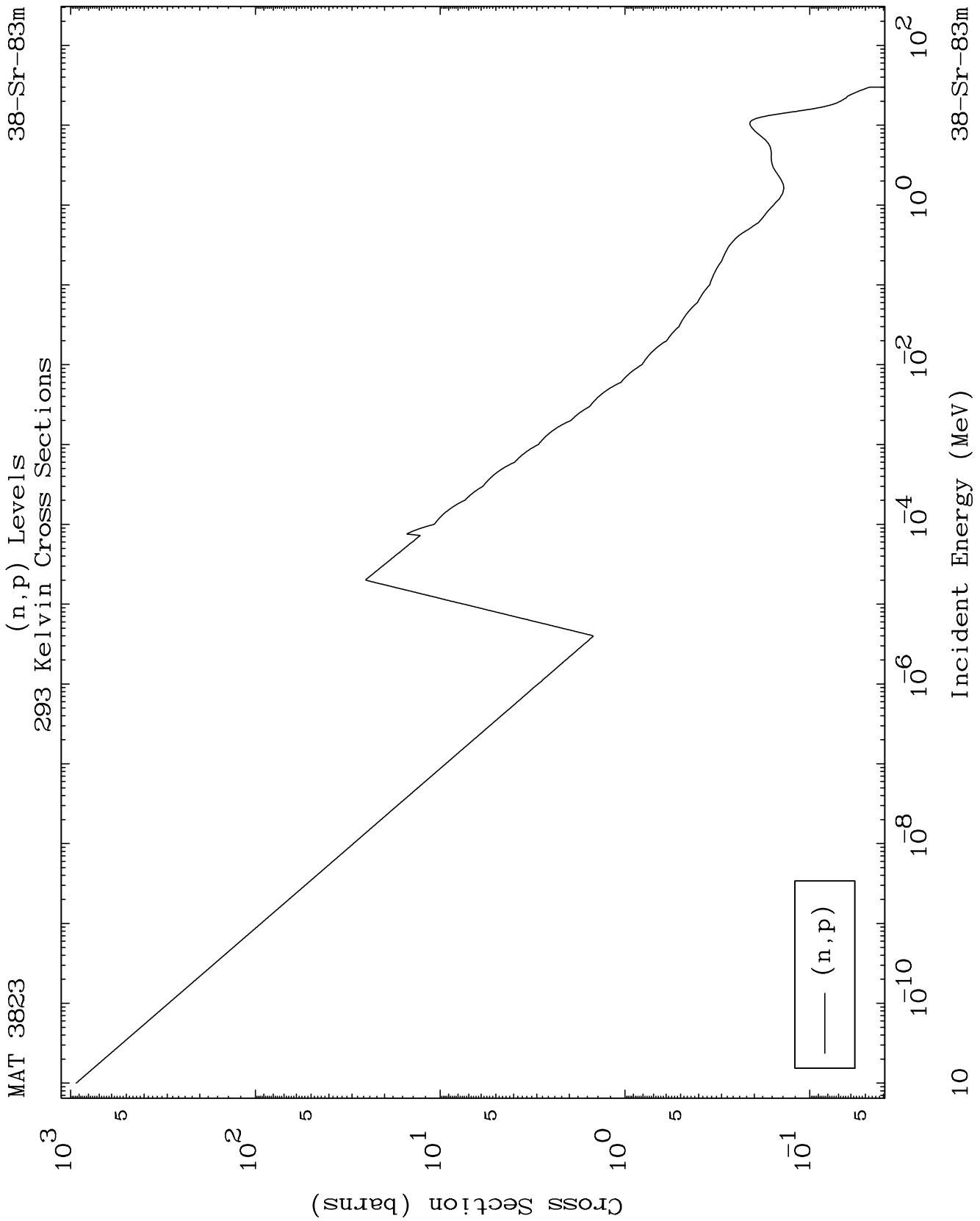


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293 Kelvin Cross Sections  
(n,n') Levels

38-Sr-83m

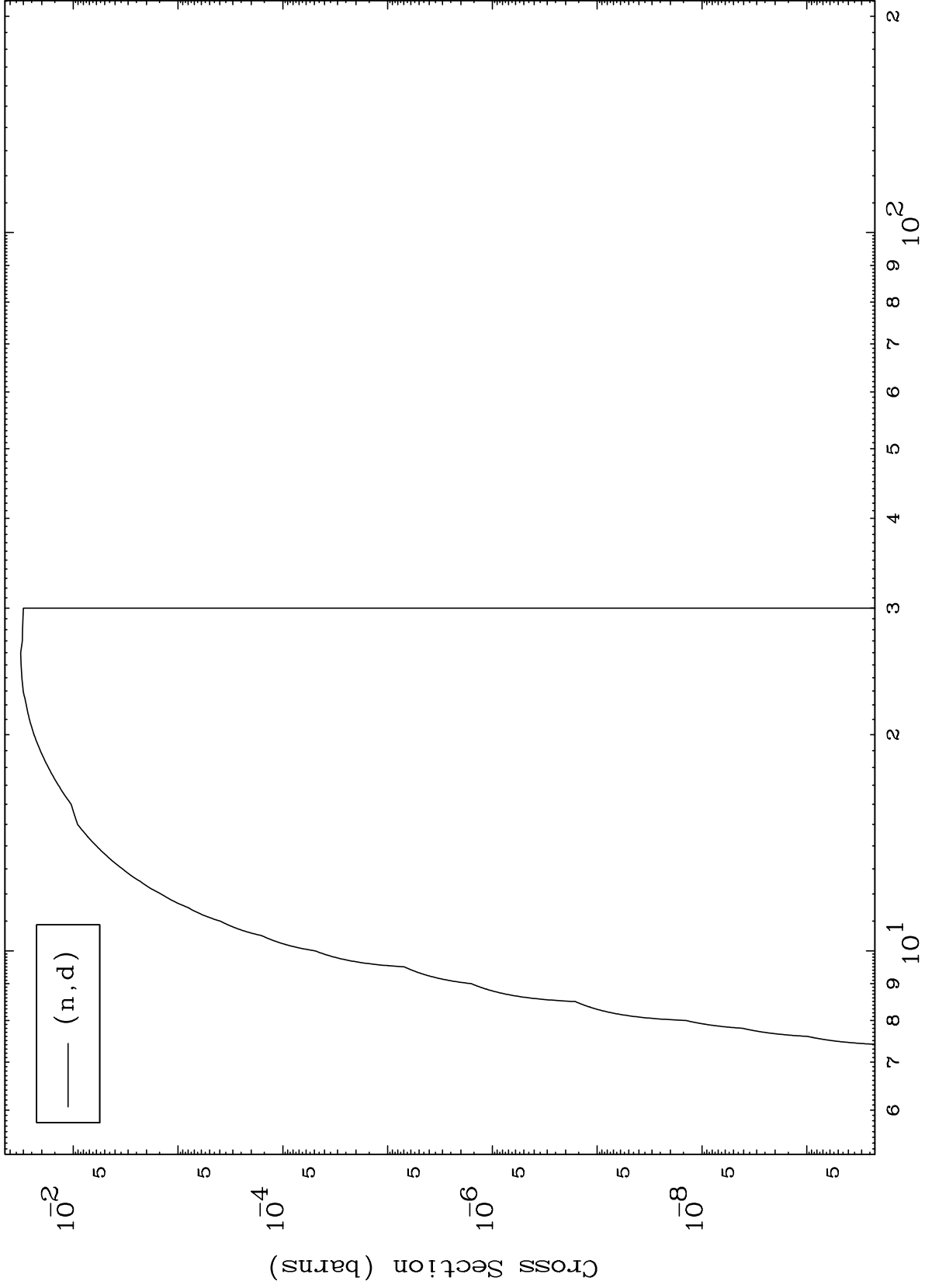




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(n,d) Levels  
293 Kelvin Cross Sections

38-Sr-83m



11

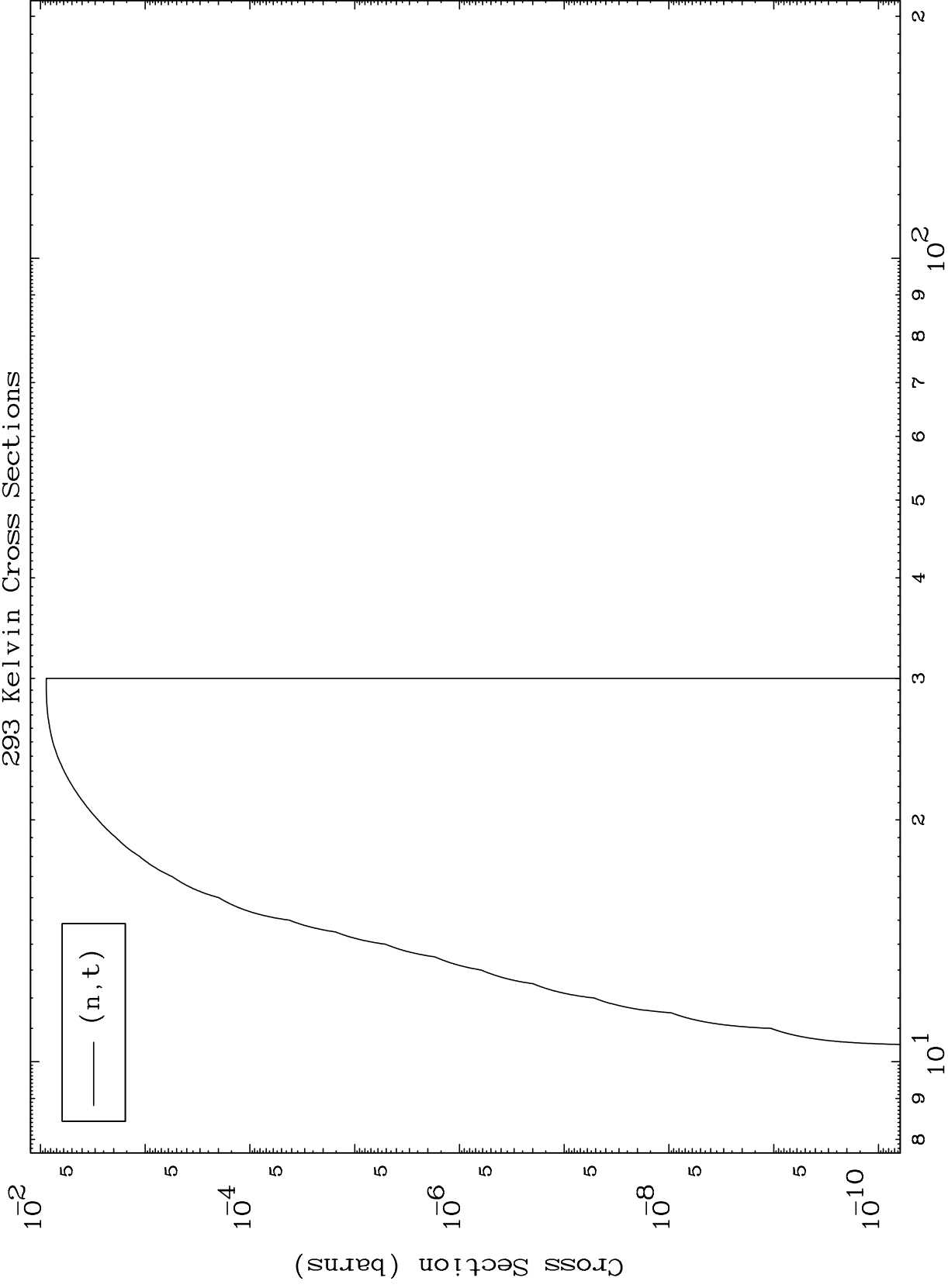
Incident Energy (MeV)

38-Sr-83m

MAT 3823

(n,t) Levels  
293 Kelvin Cross Sections

38-Sr-83m



12

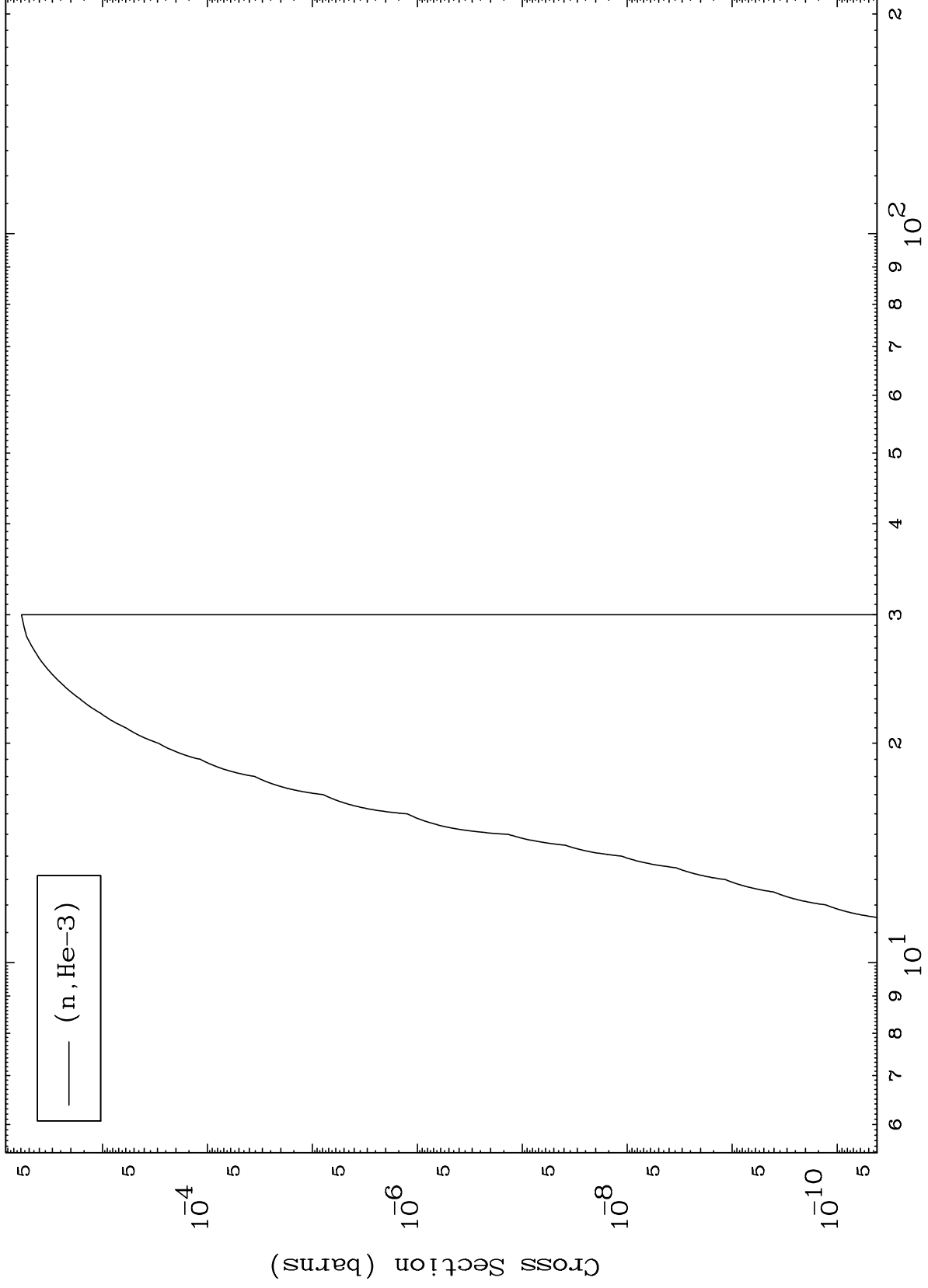
Incident Energy (MeV)

38-Sr-83m

MAT 3823

(n,He3) Levels  
293 Kelvin Cross Sections

38-Sr-83m



13

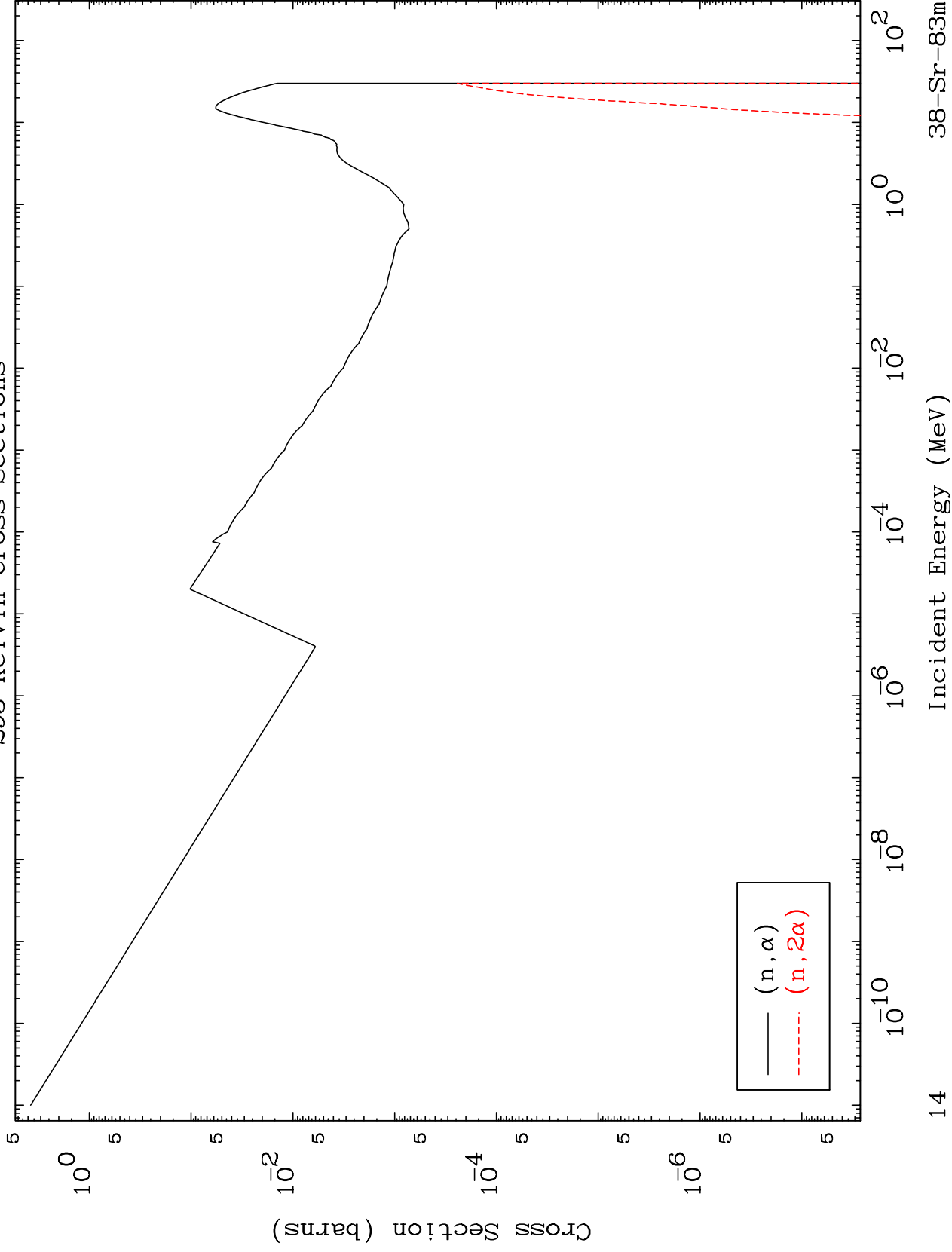
Incident Energy (MeV)

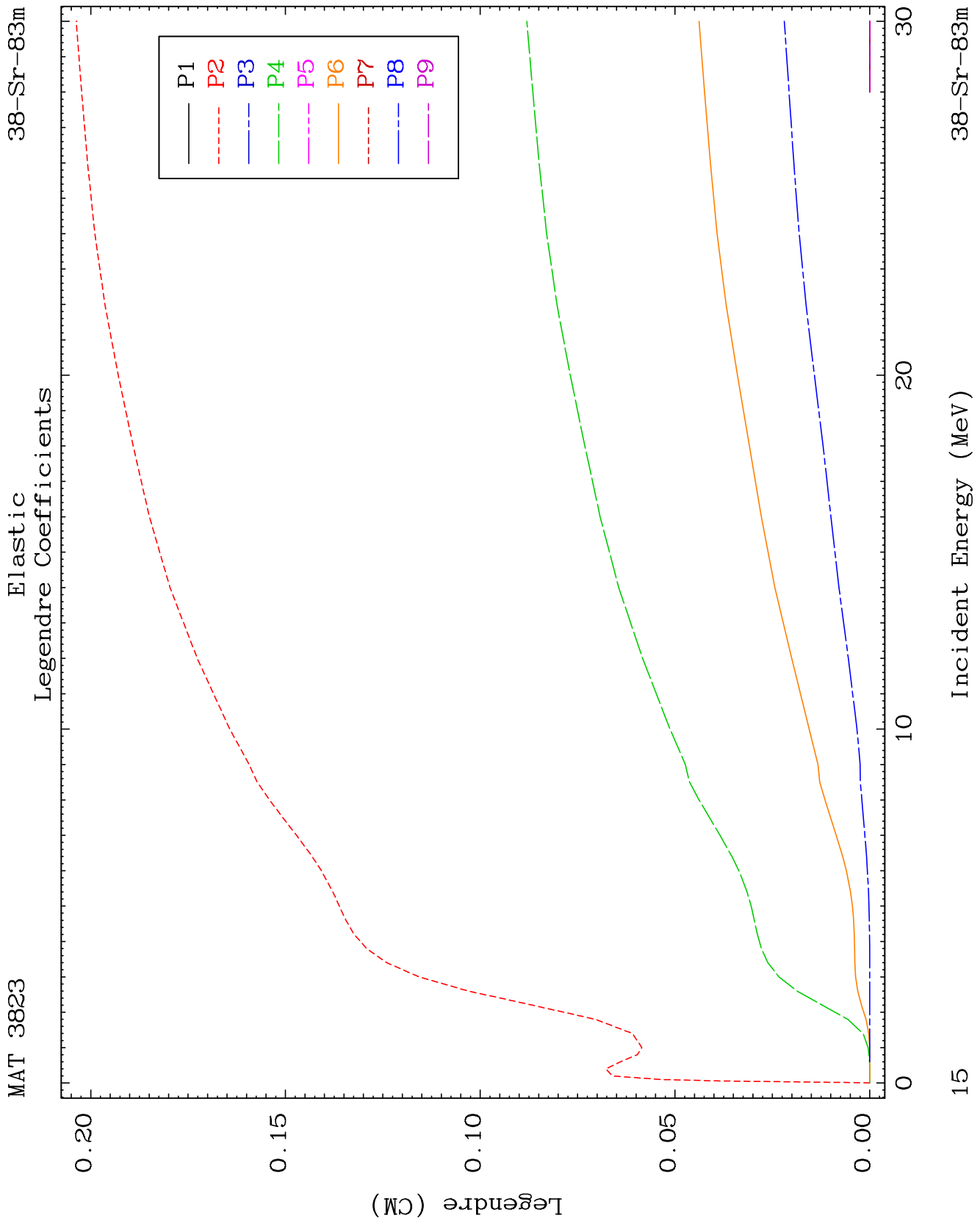
38-Sr-83m

MAT 3823

(n,α) Levels  
293 Kelvin Cross Sections

38-Sr-83m



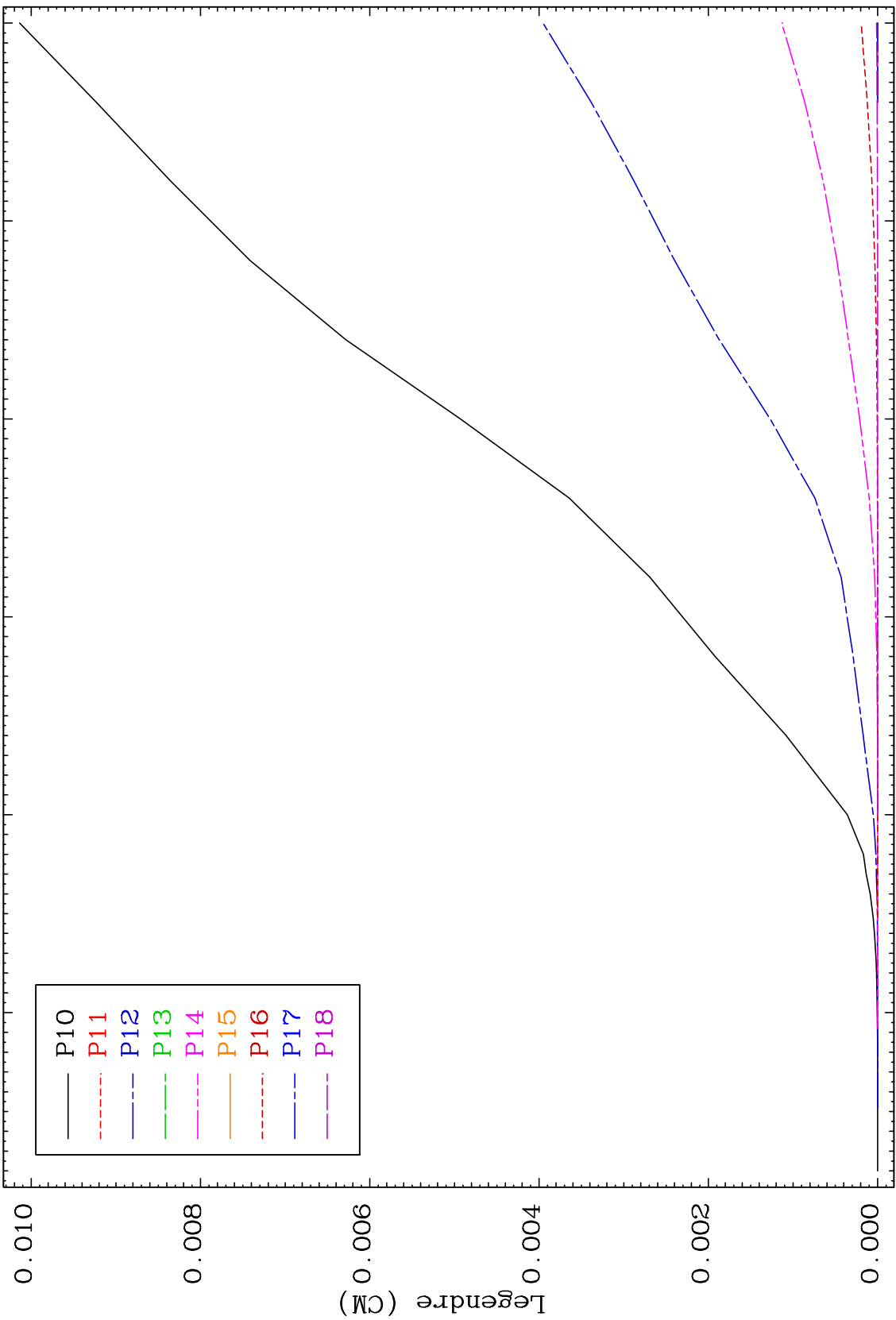




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### Elastic Legendre Coefficients

38-Sr-83m



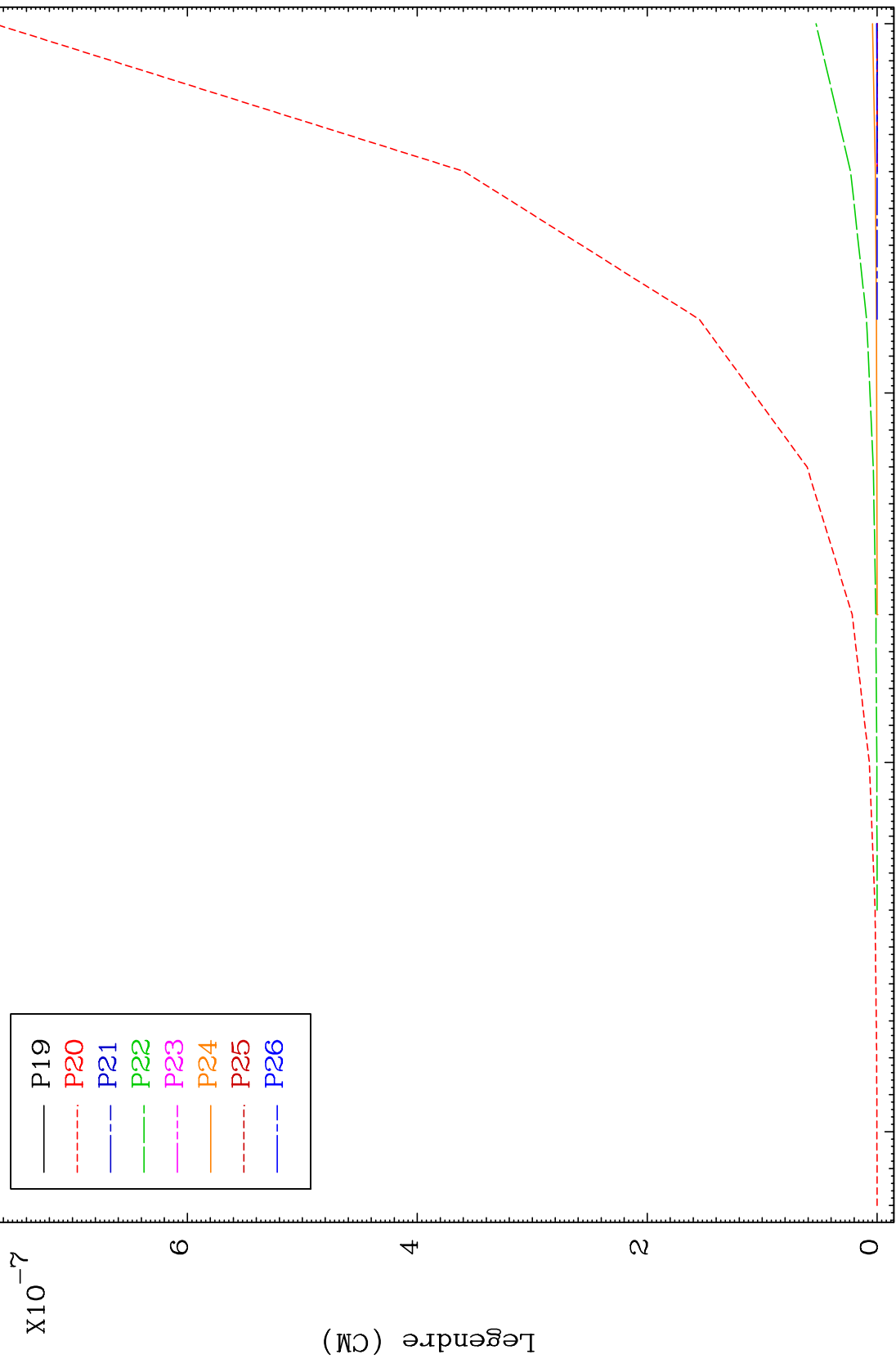
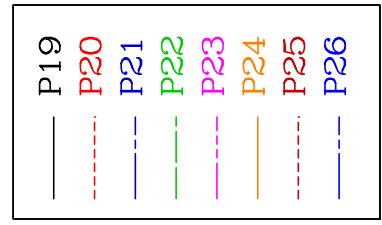
16

38-Sr-83m

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### Elastic Legendre Coefficients

38-Sr-83m



17

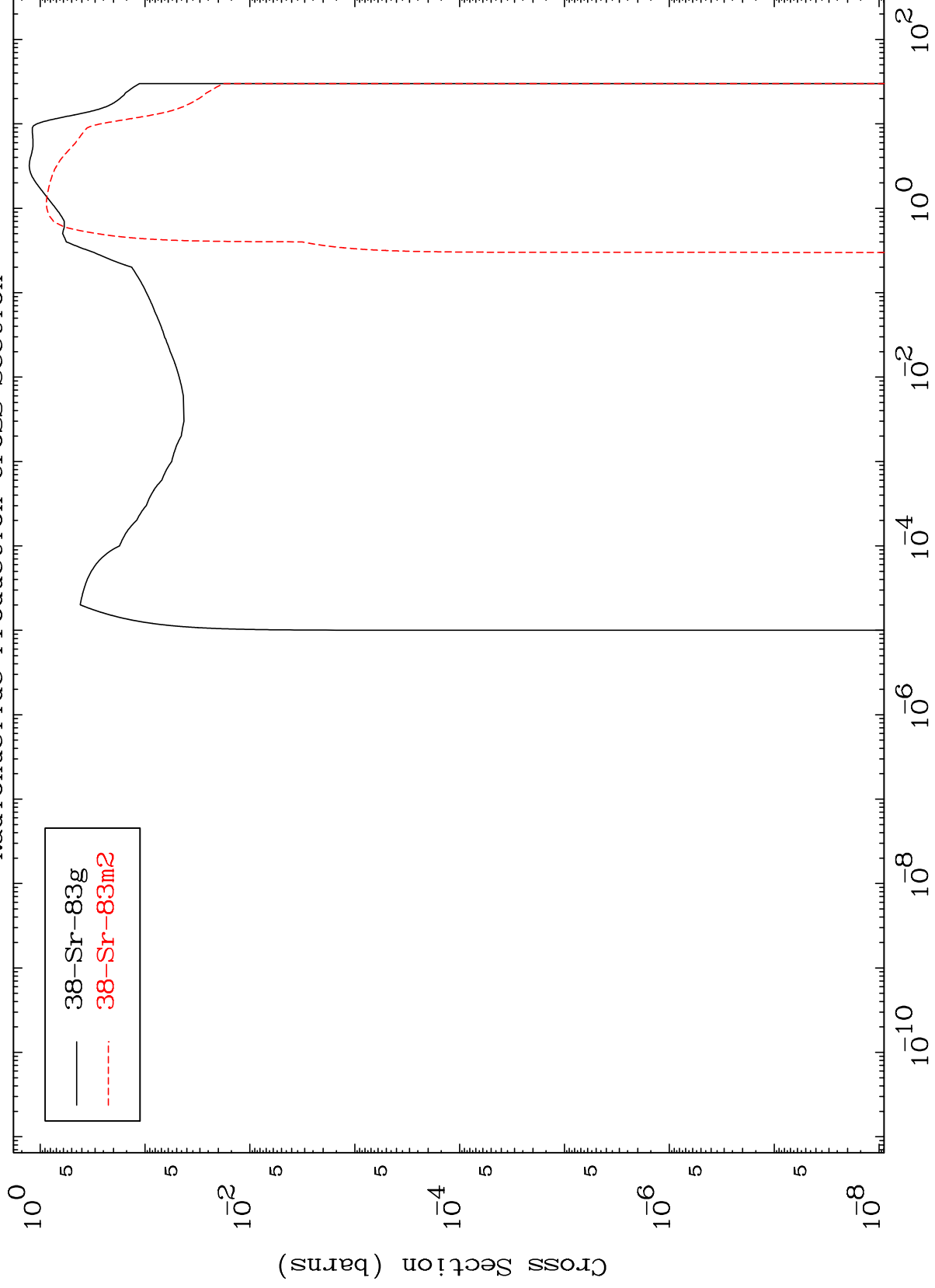
Incident Energy (MeV)

38-Sr-83m

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Inelastic  
Radionuclide Production Cross Section

<sup>38</sup>Sr-<sup>83</sup>m



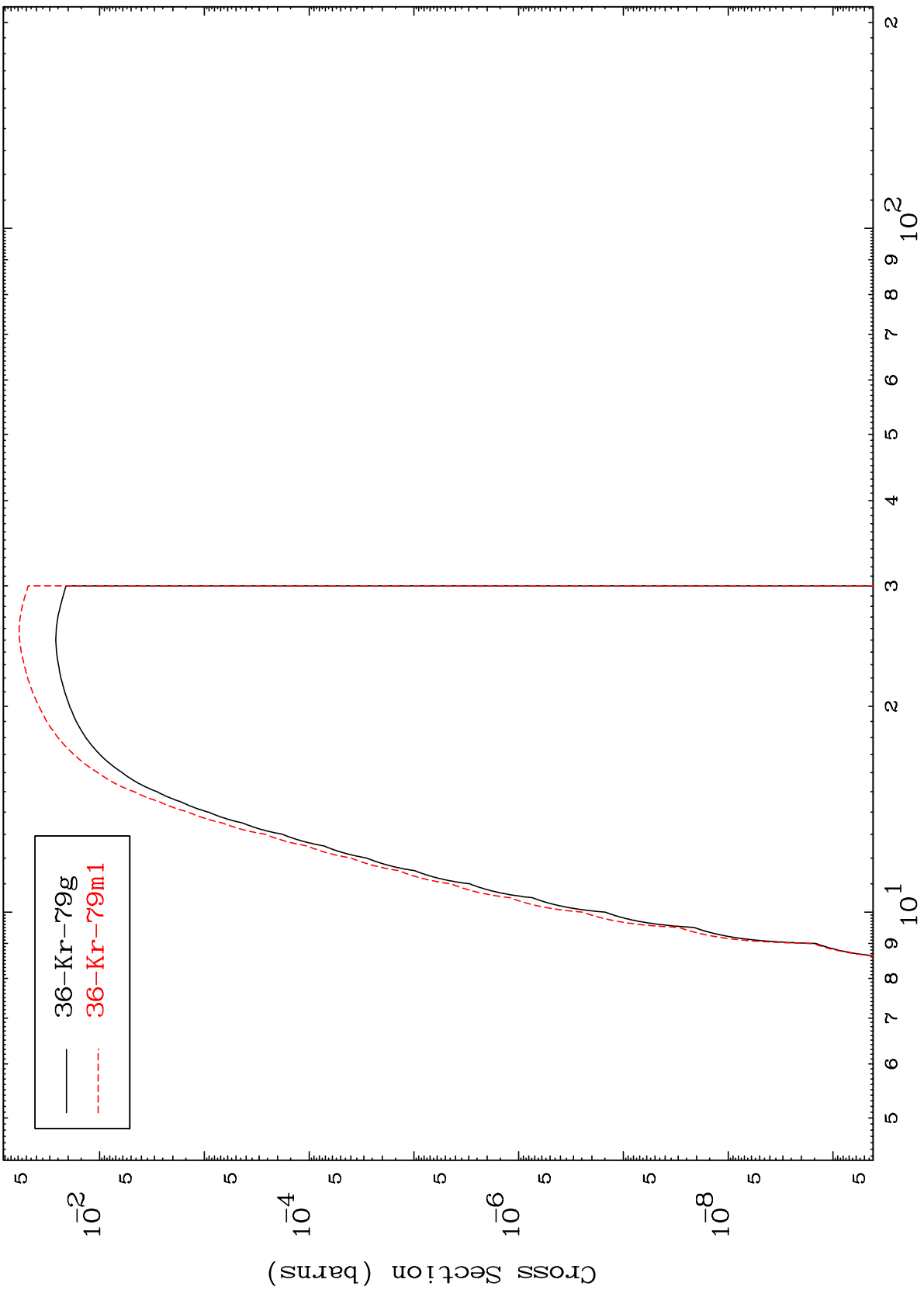
— 38-Sr-83g  
- - - 38-Sr-83m2

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38-Sr-83m

(n,n')  $\alpha$

Radionuclide Production Cross Section



19

Incident Energy (MeV)

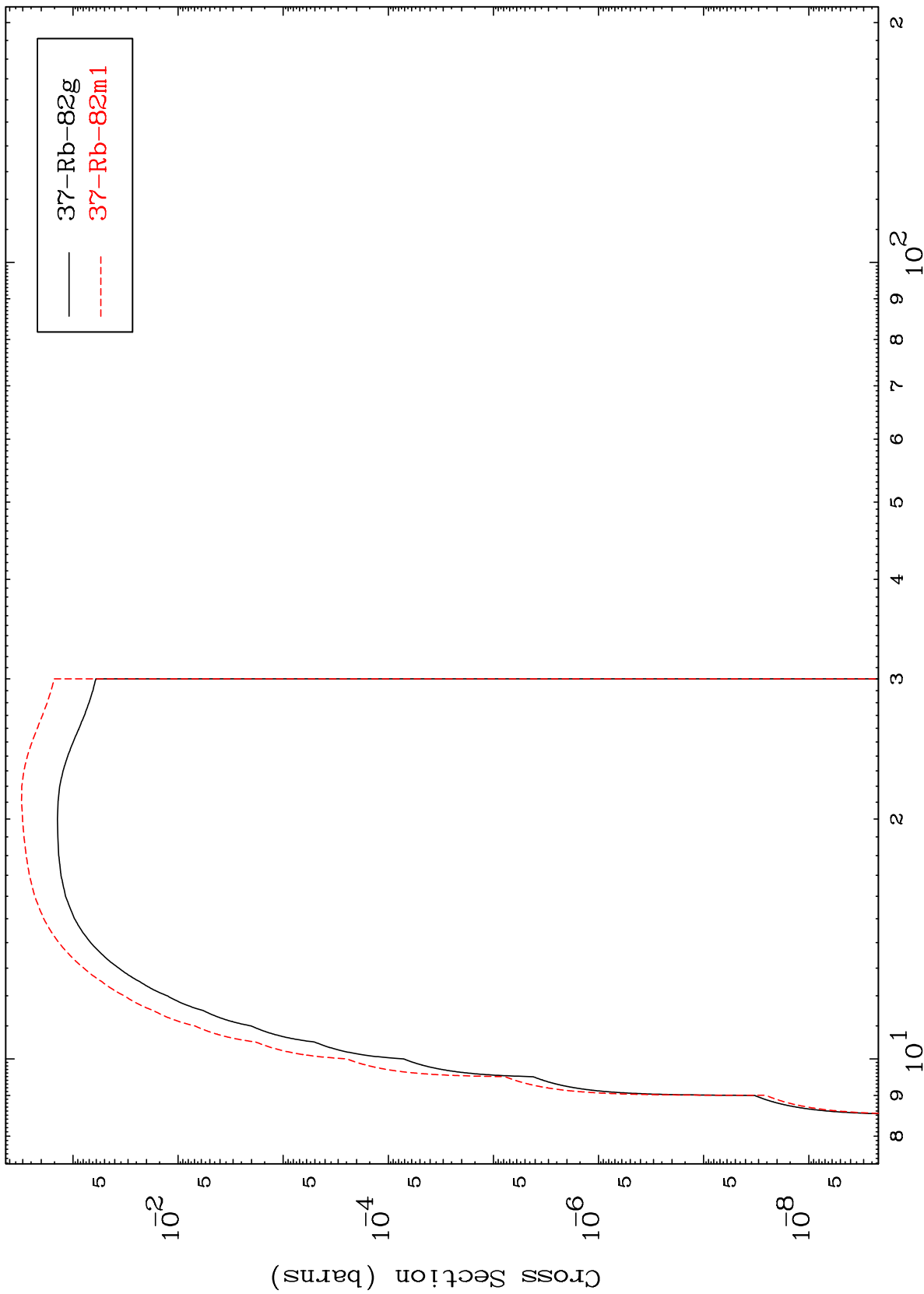
38-Sr-83m

MAT 3823

(n,n') p

38-Sr-83m

Radionuclide Production Cross Section



Incident Energy (MeV)

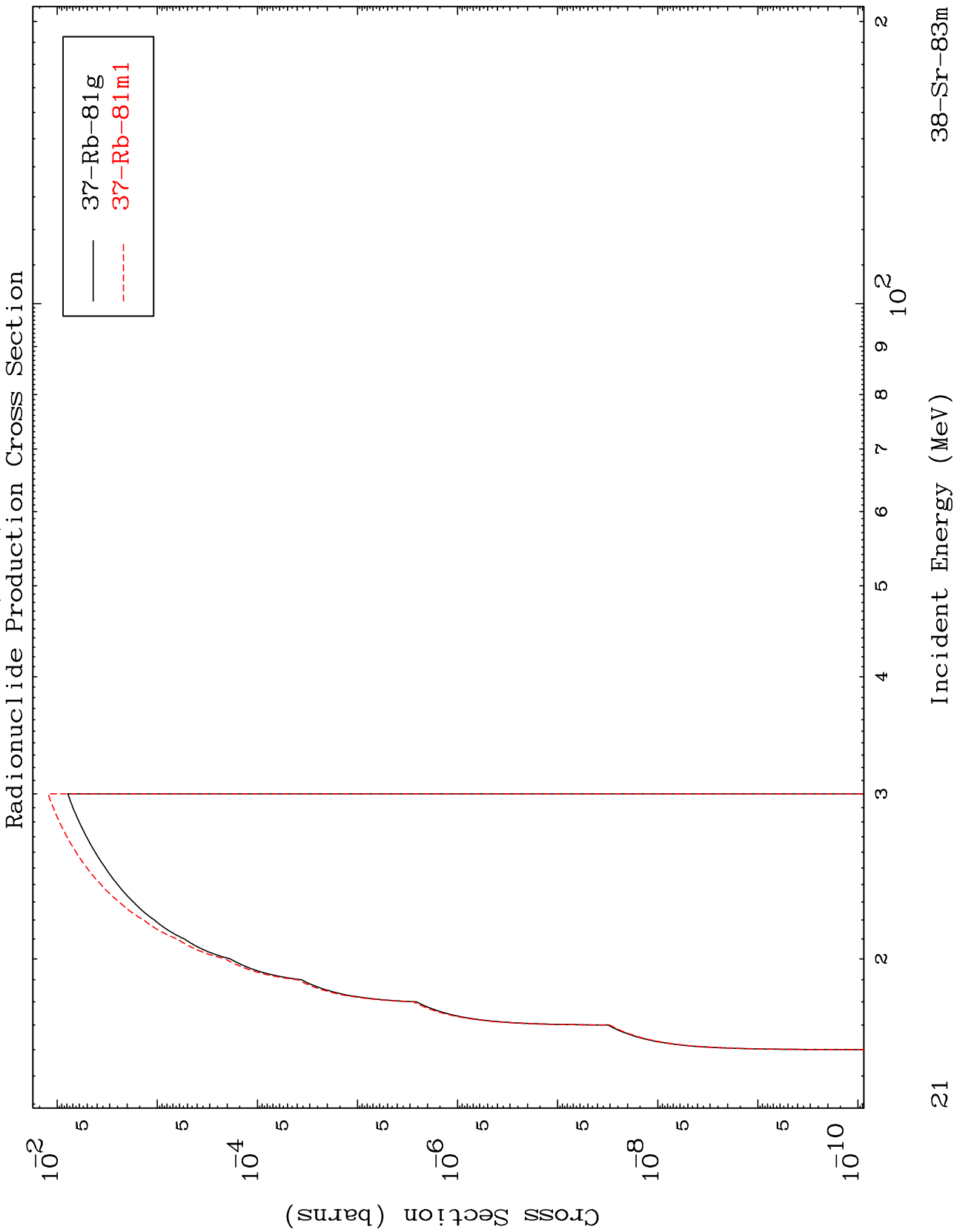
38-Sr-83m

20

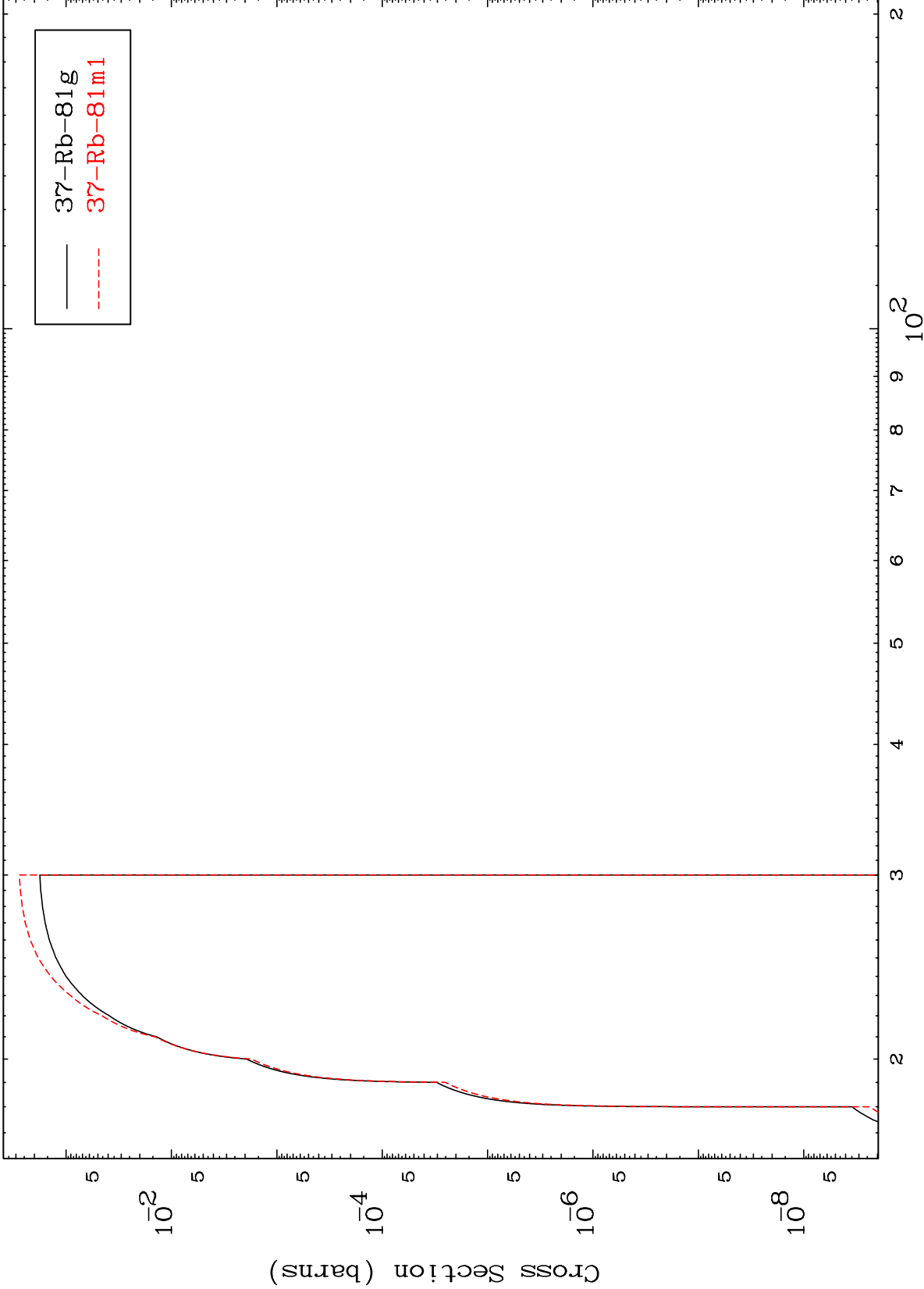
MAT 3823

(n,n') d

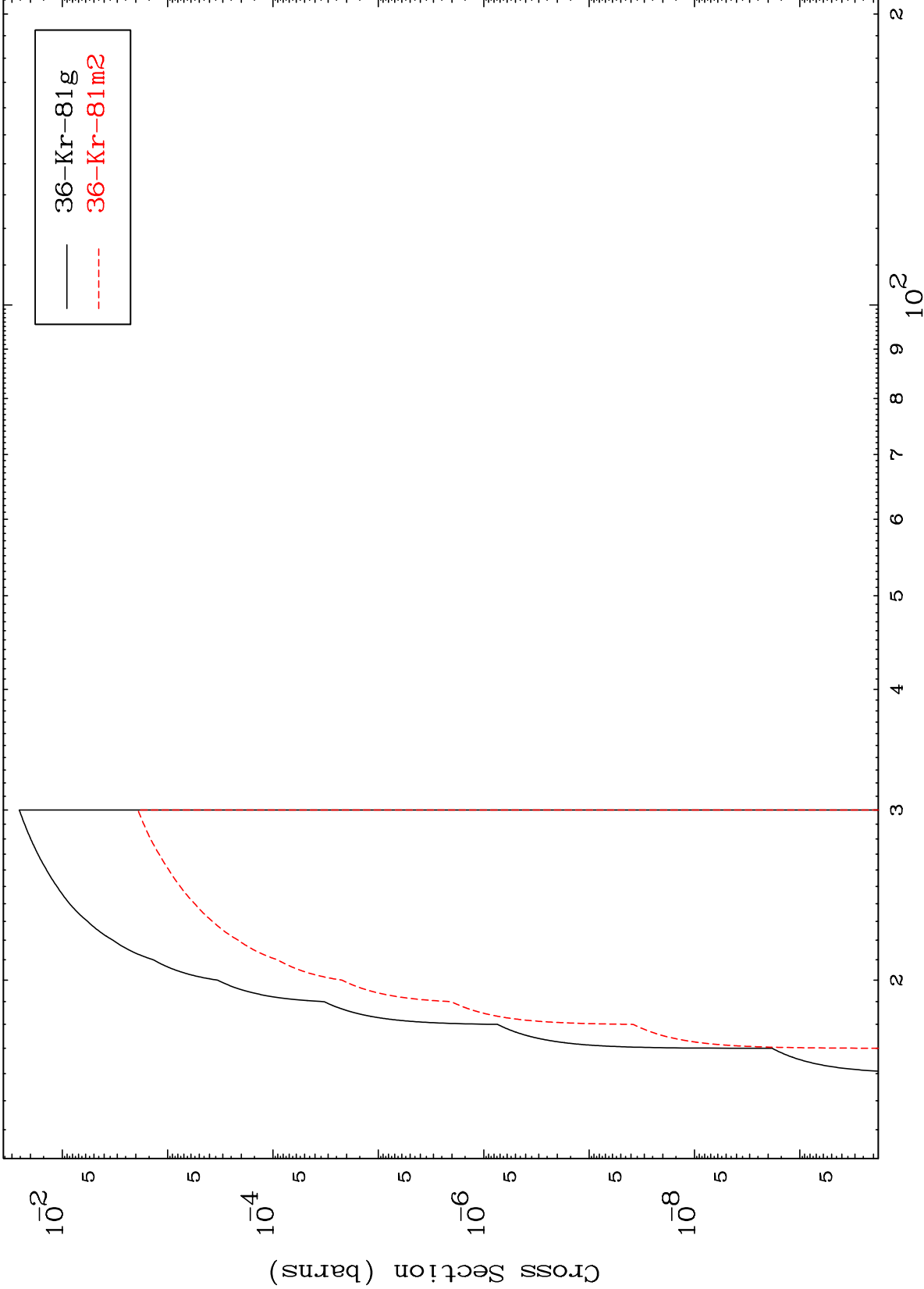
38-Sr-83m



Radionuclide Production Cross Section



Radionuclide Production Cross Section



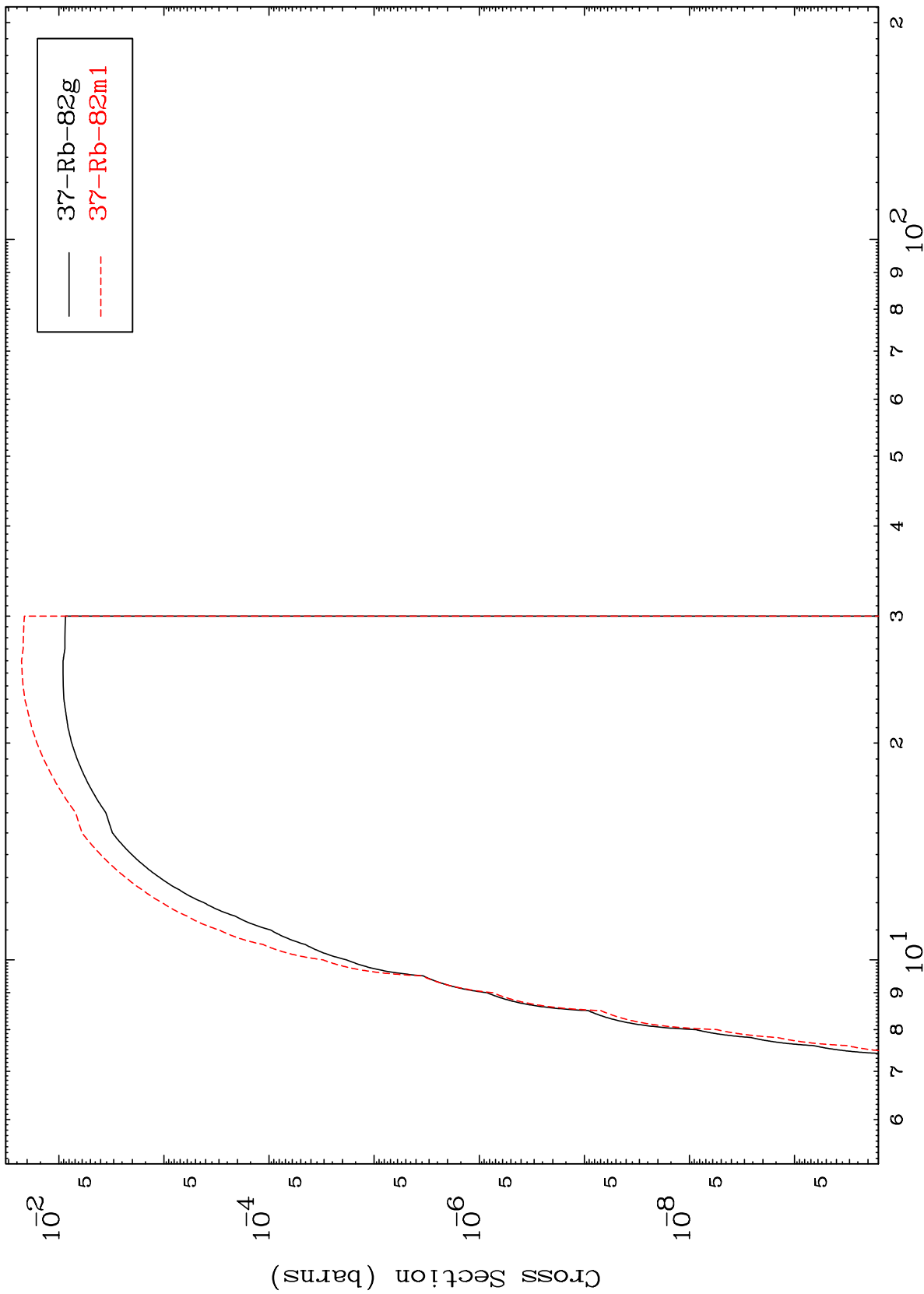


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(n,d)

38-Sr-83m

Radionuclide Production Cross Section



24

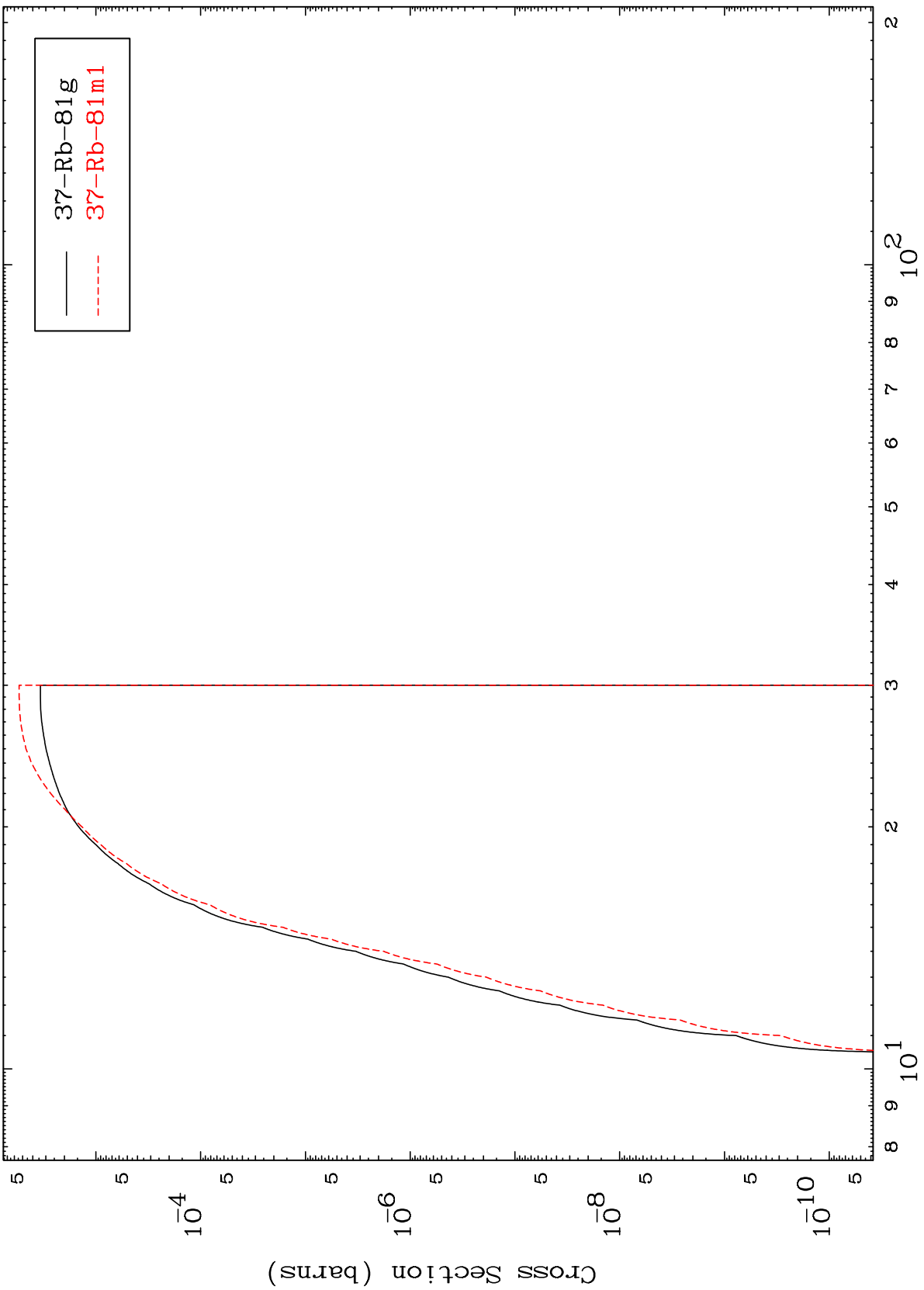
Incident Energy (MeV)

38-Sr-83m

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38-Sr-83m

(n,t)  
Radionuclide Production Cross Section



25

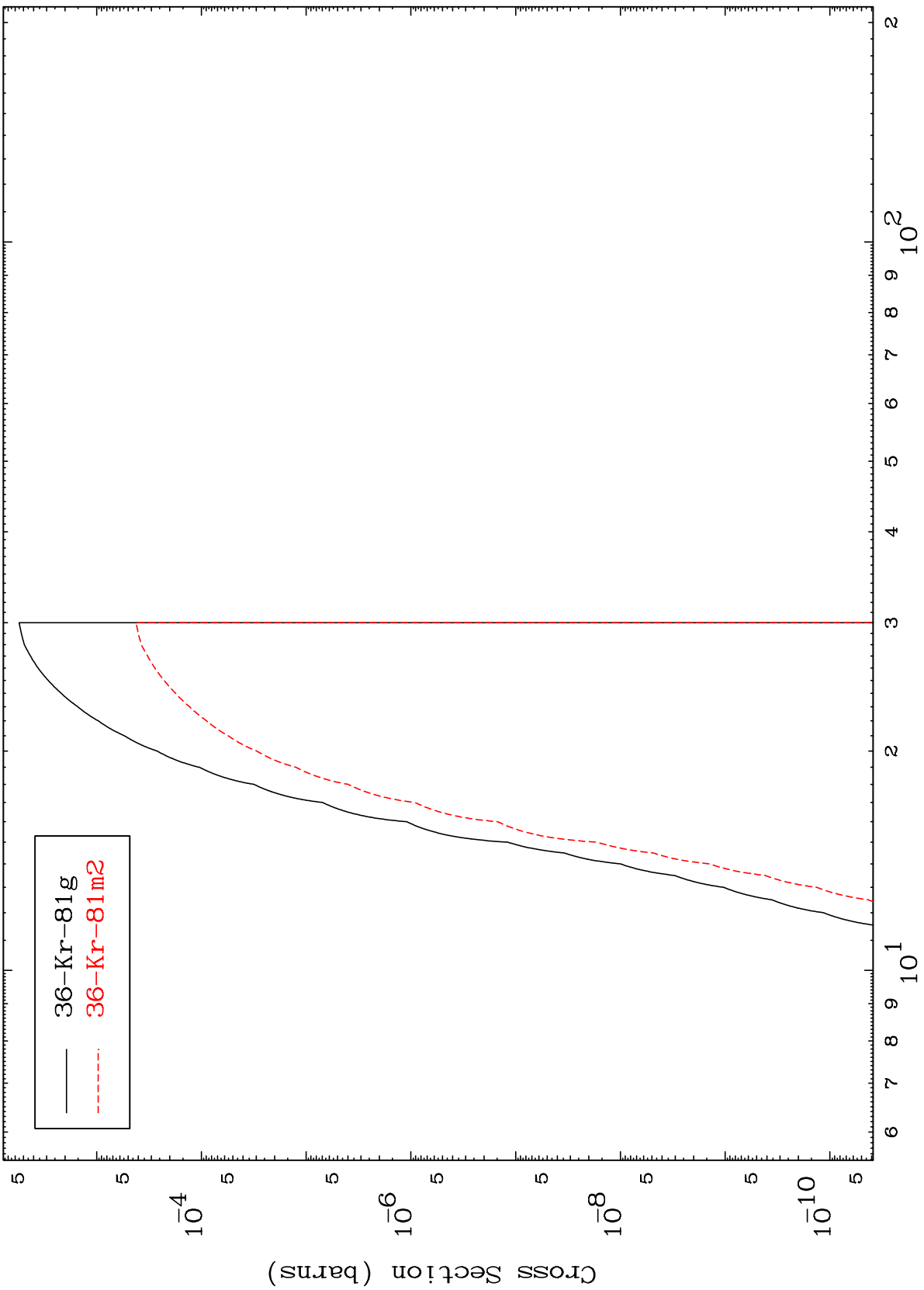
Incident Energy (MeV)

38-Sr-83m

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38-Sr-83m

(n,He-3)  
Radionuclide Production Cross Section



26

Incident Energy (MeV)

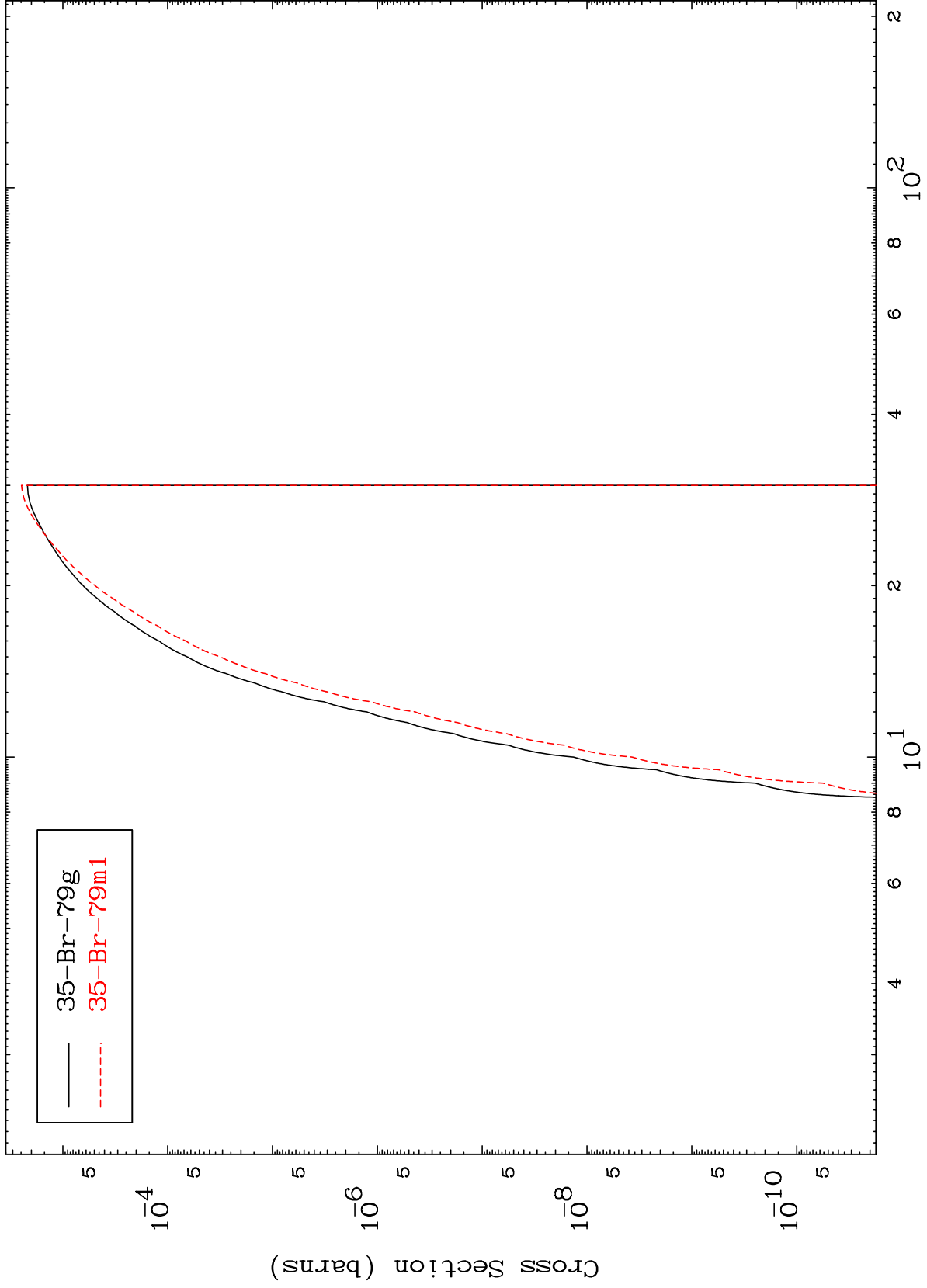
38-Sr-83m

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(n,p)  $\alpha$

<sup>38</sup>Sr-83m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

